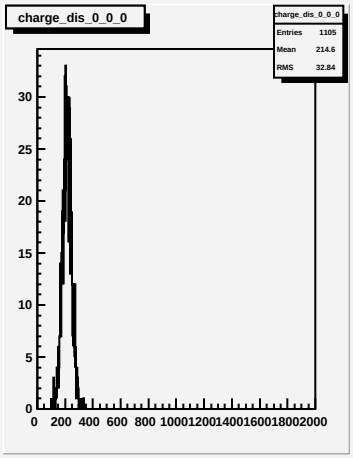
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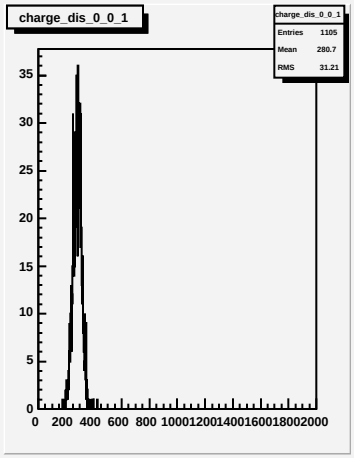
Entries 1105
Mean 214.6
RMS 32.84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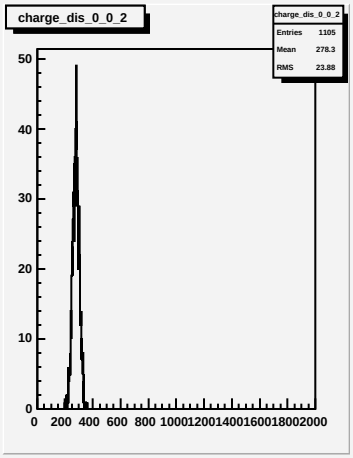
charge_dis_0_0_1
Entries 1105
Mean 280.7
RMS 31.21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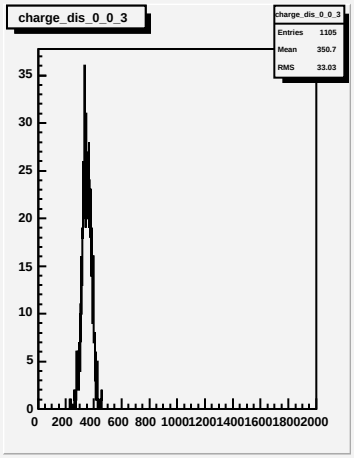
charge_dis_0_0_2
Entries 1105
Mean 278.3
RMS 23.88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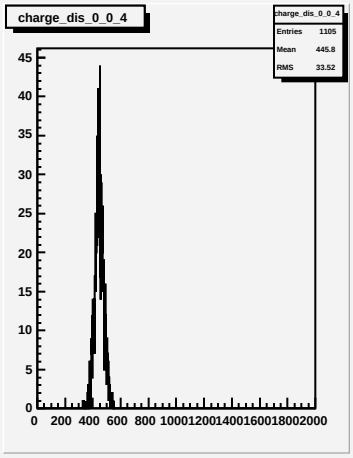
Entries 1105
Mean 350.7
RMS 33.03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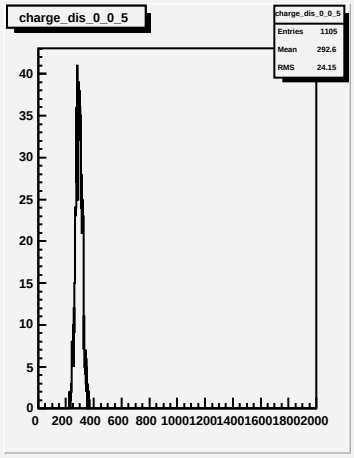
charge_dis_0_0_4
Entries 1105
Mean 445.8
RMS 33.52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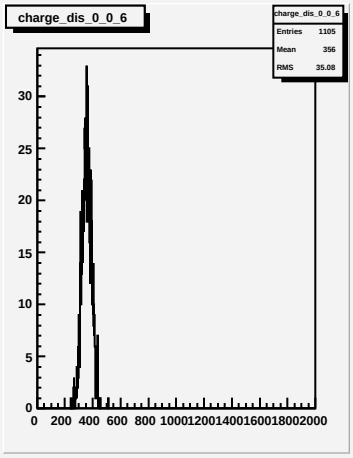
Entries 1105
Mean 292.6
RMS 24.15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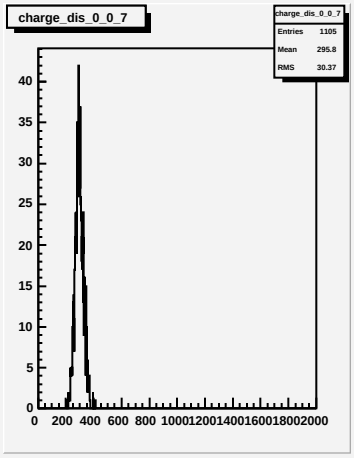
charge_dis_0_0_6
Entries 1105
Mean 356
RMS 35.08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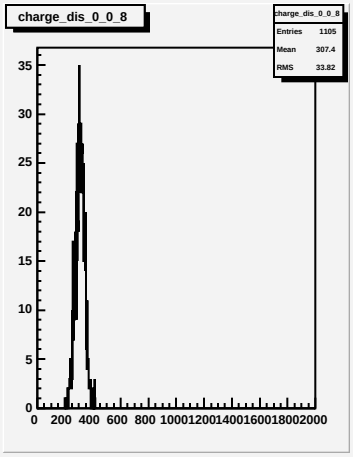
Entries 1105
Mean 295.8
RMS 30.37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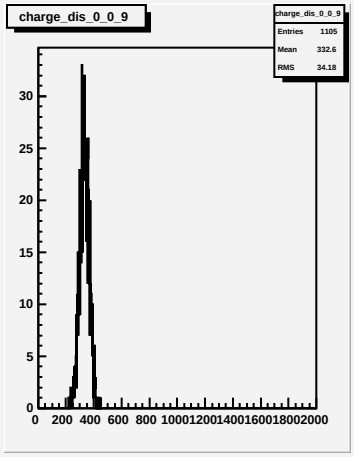
charge_dis_0_0_8
Entries 1105
Mean 307.4
RMS 33.82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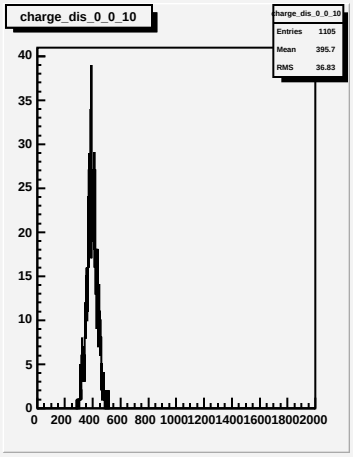
charge_dis_0_0_9
Entries 1105
Mean 332.6
RMS 34.18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charge_dis_0_0_10
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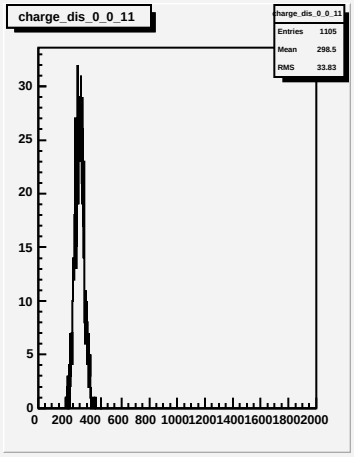
Mean 395.7
RMS 36.83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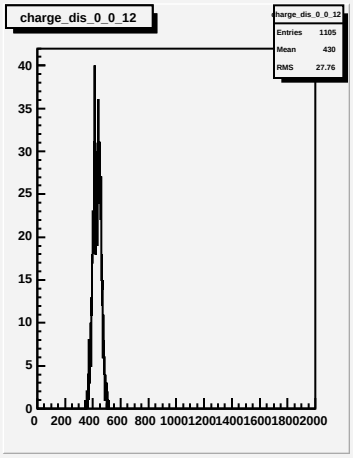
Entries 1105
Mean 298.5
RMS 33.83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charge_dis_0_0_12
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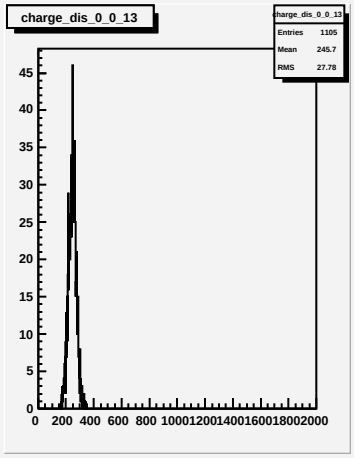
Mean 430
RMS 27.76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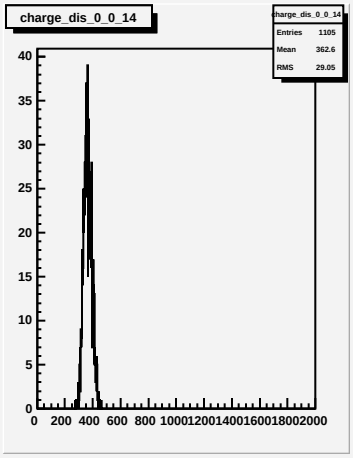
charge_dis_0_0_13
Entries 1105
Mean 245.7
RMS 27.78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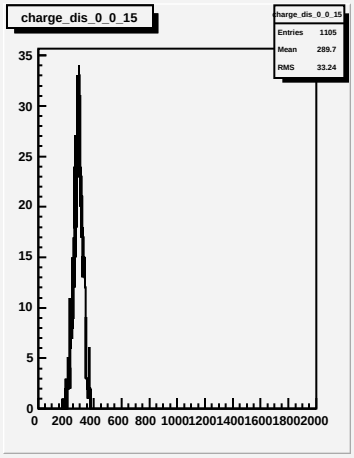
charge_dis_0_0_14
Entries 1105
Mean 362.6
RMS 29.05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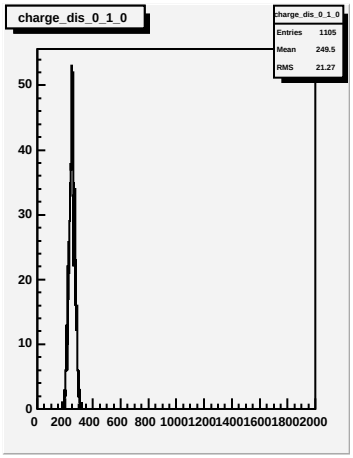
charge_dis_0_0_15
Entries 1105
Mean 289.7
RMS 33.24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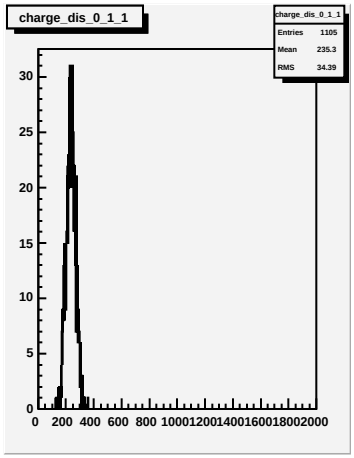
charge_dis_0_1_0
Entries 1105
Mean 249.5
RMS 21.27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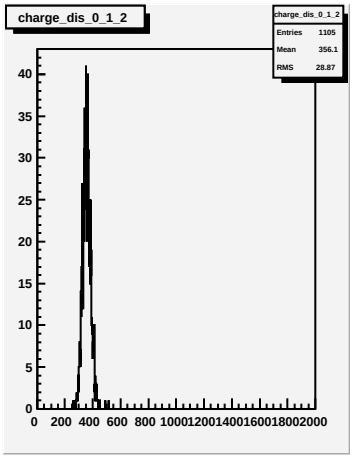
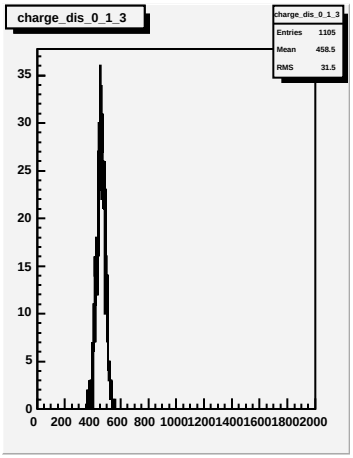
charge_dis_0_1_1
Entries 1105
Mean 235.3
RMS 34.39


charge_dis_0_1_2
charge_dis_0_1_2
Entries 1105
Mean 356.1
RMS 28.87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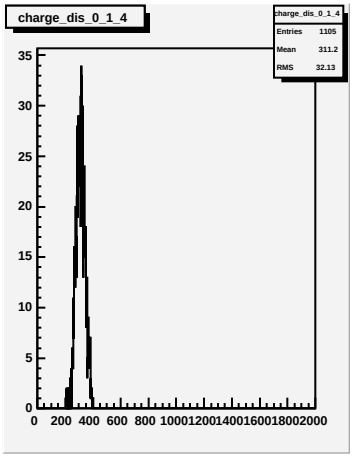
charge_dis_0_1_3
Entries 1105
Mean 458.5
RMS 31.5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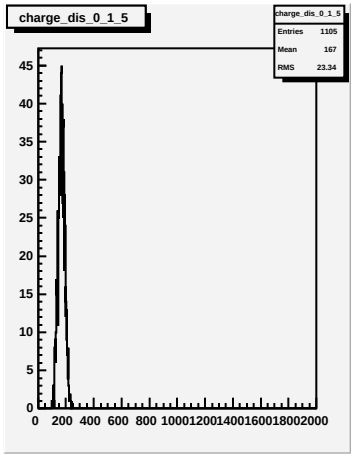
charge_dis_0_1_4
Entries 1105
Mean 311.2
RMS 32.13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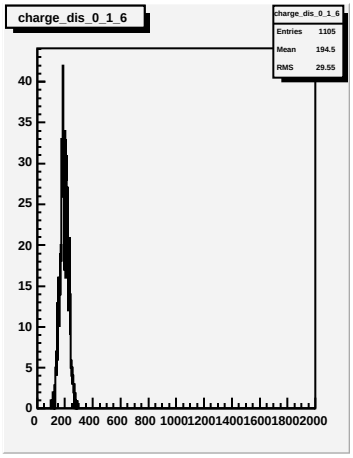
charge_dis_0_1_5
Entries 1105
Mean 167
RMS 23.34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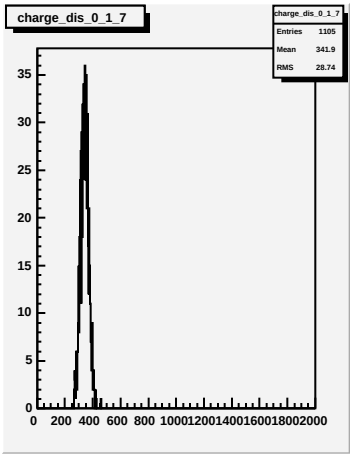
charge_dis_0_1_6
Entries 1105
Mean 194.5
RMS 29.55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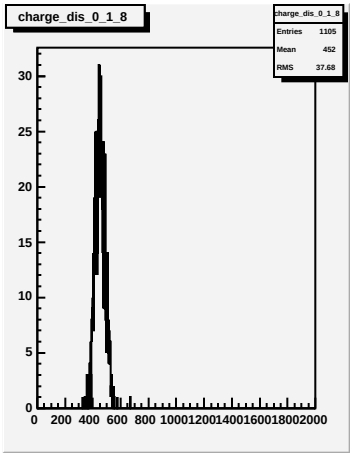
Entries 1105
Mean 341.9
RMS 28.74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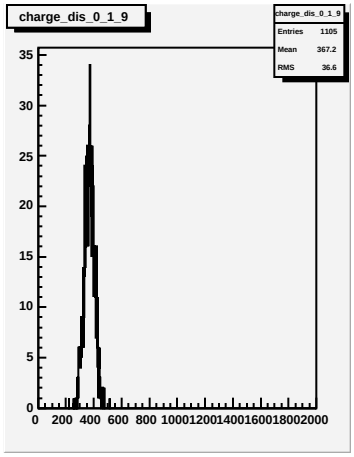
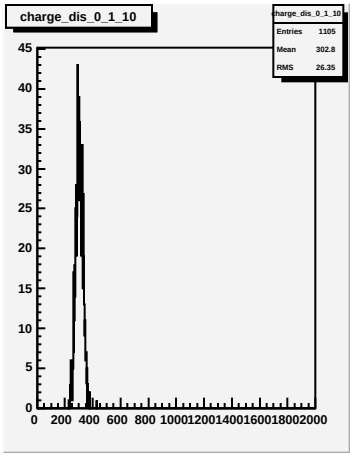
charge_dis_0_1_8
Entries 1105
Mean 452
RMS 37.68


charge_dis_0_1_9
charge_dis_0_1_9
Entries 1105
Mean 367.2
RMS 36.6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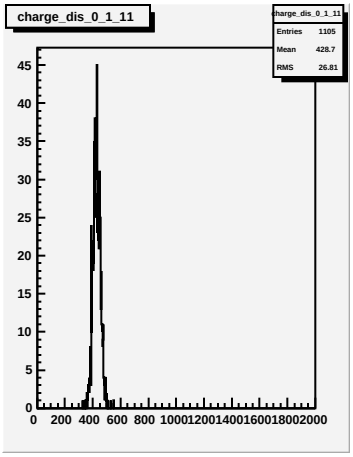
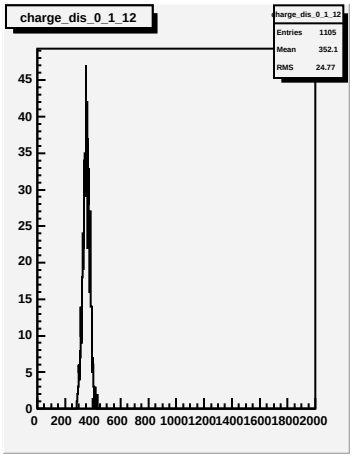
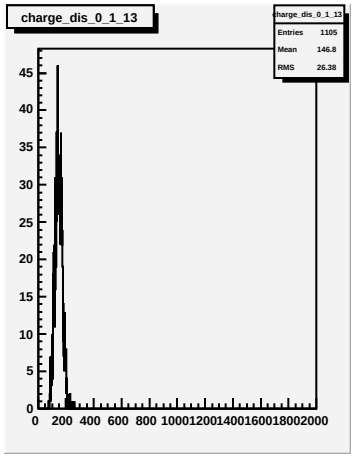
charge_dis_0_1_10
Entries 1105
Mean 302.8
RMS 26.35


charge_dis_0_1_11
charge_dis_0_1_11
Entries 1105
Mean 428.7
RMS 26.81


charge_dis_0_1_12
charge_dis_0_1_12
Entries 1105
Mean 352.1
RMS 24.77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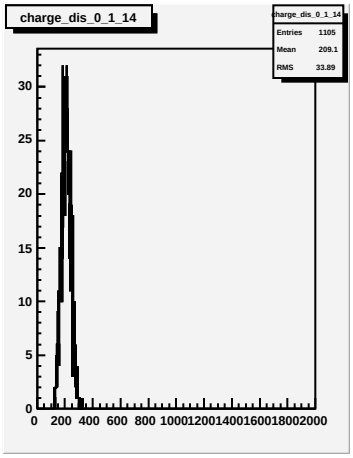
charge_dis_0_1_13
Entries 1105
Mean 146.8
RMS 26.38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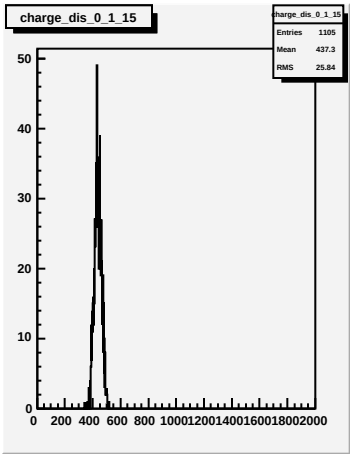
Entries 1105
Mean 209.1
RMS 33.89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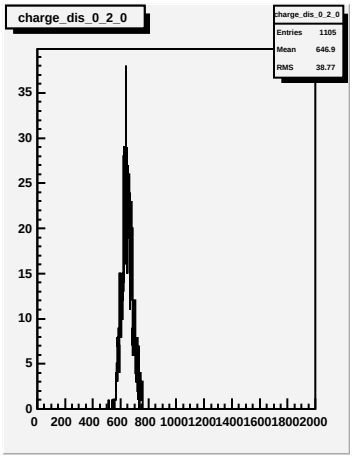
Entries 1105
Mean 437.3
RMS 25.84


charge_dis_0_2_0
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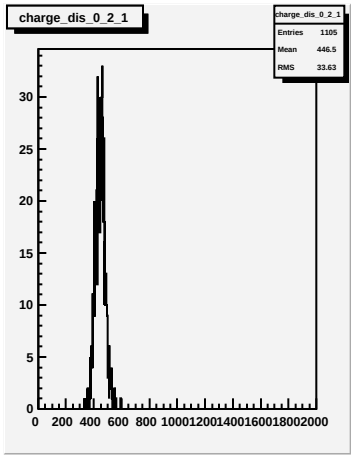
Entries 1105
Mean 646.9
RMS 38.77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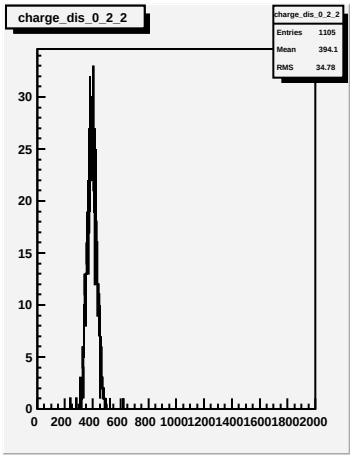
charge_dis_0_2_1
Entries 1105
Mean 446.5
RMS 33.63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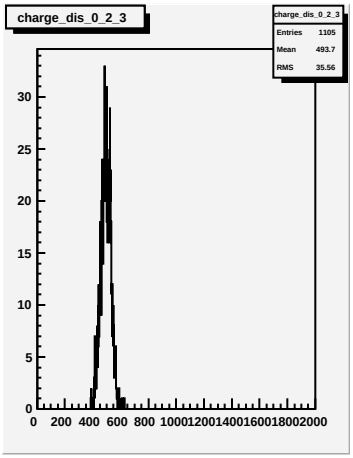
charge_dis_0_2_2
Entries 1105
Mean 394.1
RMS 34.78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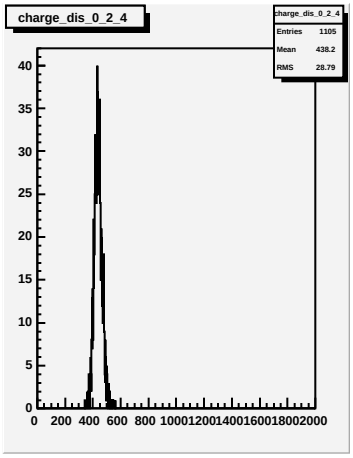
Entries 1105
Mean 493.7
RMS 35.56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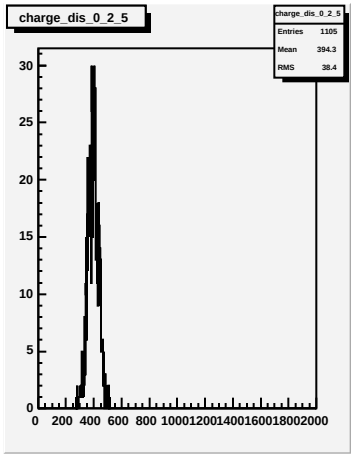
charge_dis_0_2_4
Entries 1105
Mean 438.2
RMS 28.79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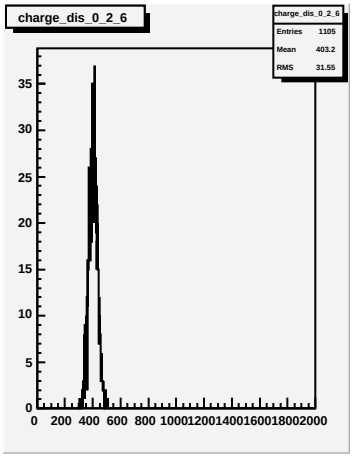
Entries 1105
Mean 394.3
RMS 38.4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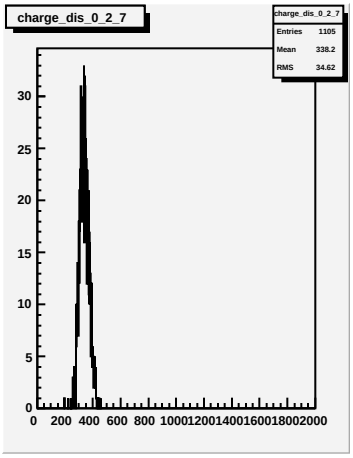
Entries 1105
Mean 403.2
RMS 31.55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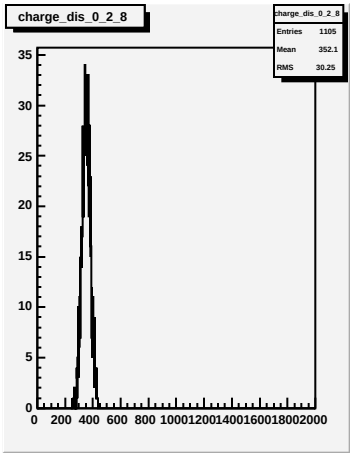
Entries 1105
Mean 338.2
RMS 34.62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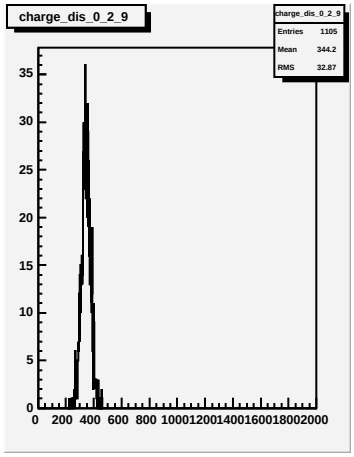
Entries 1105
Mean 352.1
RMS 30.25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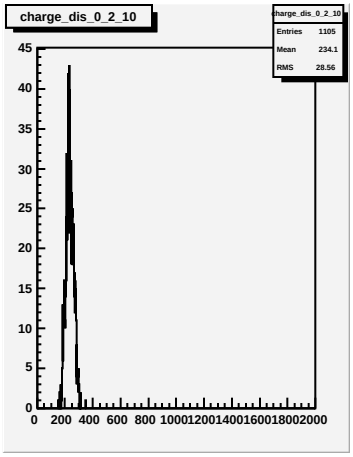
charge_dis_0_2_9
Entries 1105
Mean 344.2
RMS 32.87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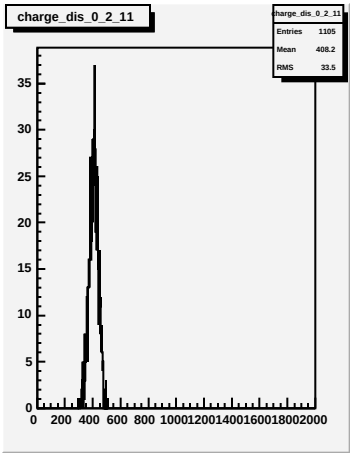
Entries 1105
Mean 234.1
RMS 28.56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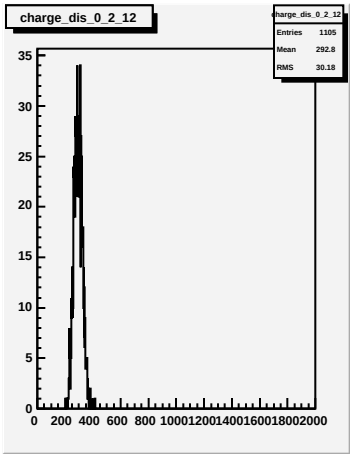
Entries 1105
Mean 408.2
RMS 33.5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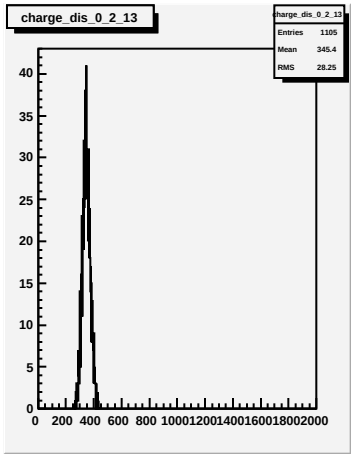
Entries 1105
Mean 292.8
RMS 30.18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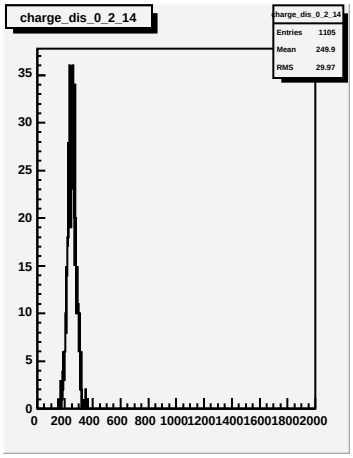
Entries 1105
Mean 345.4
RMS 28.25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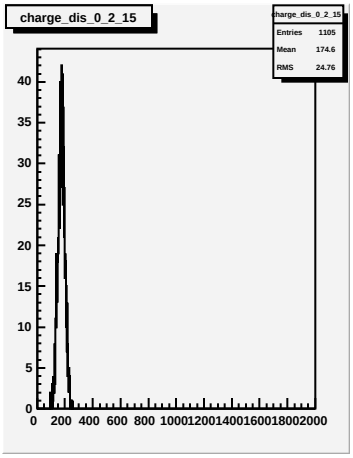
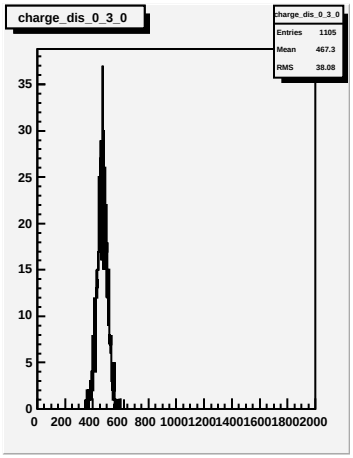
Entries 1105
Mean 249.9
RMS 29.97


charge_dis_0_2_15
charge_dis_0_2_15
Entries 1105
Mean 174.6
RMS 24.76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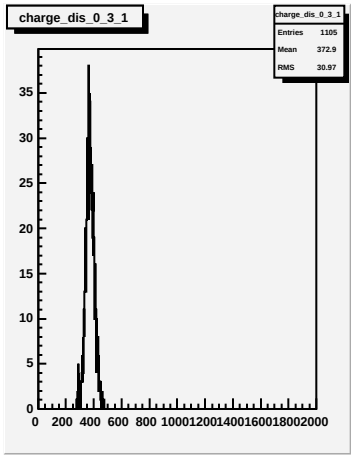
Mean 467.3
RMS 38.08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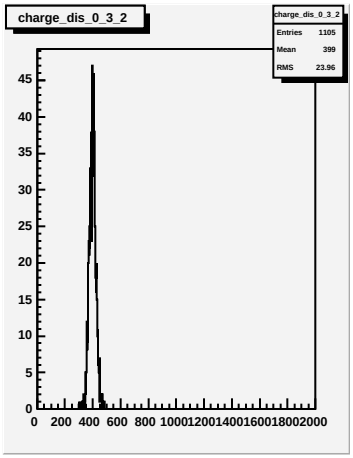
charge_dis_0_3_1
Entries 1105
Mean 372.9
RMS 30.97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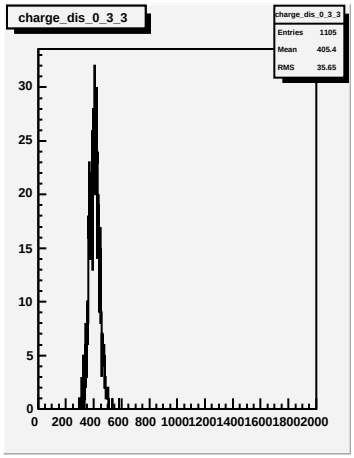
charge_dis_0_3_2
Entries 1105
Mean 399
RMS 23.96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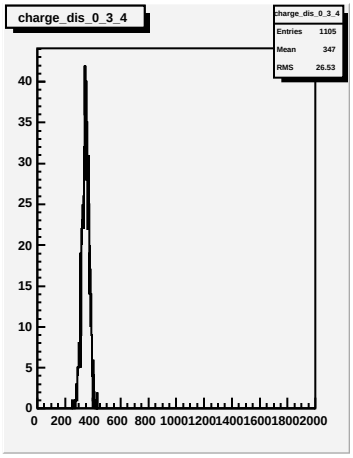
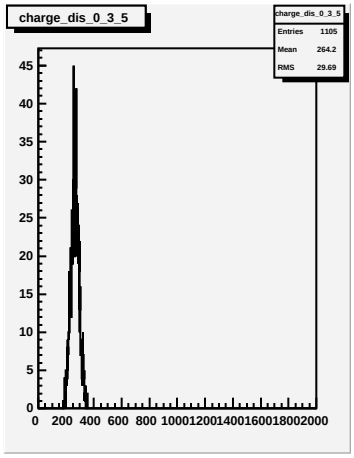
Entries 1105
Mean 405.4
RMS 35.65


charge_dis_0_3_4
charge_dis_0_3_4
Entries 1105
Mean 347
RMS 26.53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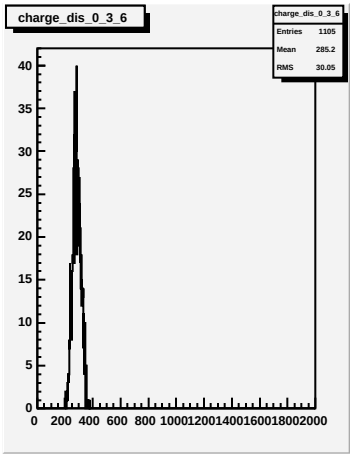
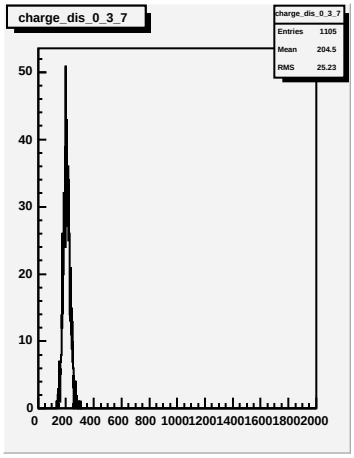
charge_dis_0_3_5
Entries 1105
Mean 264.2
RMS 29.69


charge_dis_0_3_6
charge_dis_0_3_6
Entries 1105
Mean 285.2
RMS 30.05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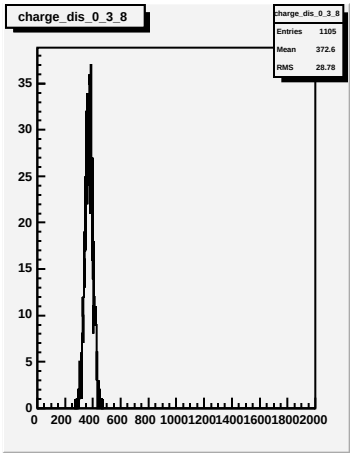
charge_dis_0_3_7
Entries 1105
Mean 204.5
RMS 25.23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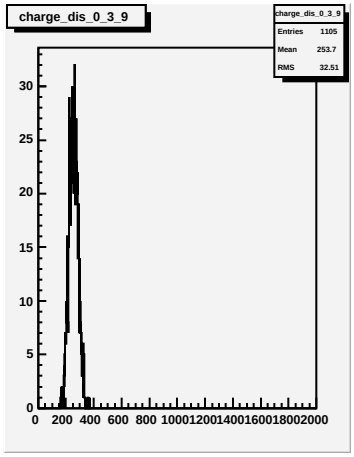
charge_dis_0_3_8
Entries 1105
Mean 372.6
RMS 28.78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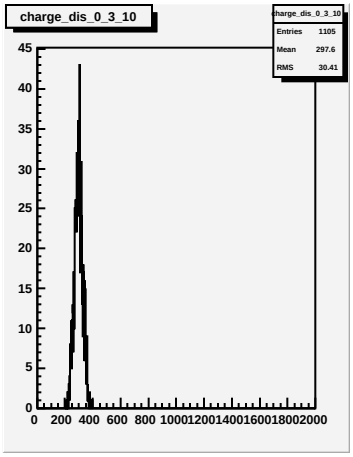
charge_dis_0_3_9
Entries 1105
Mean 253.7
RMS 32.51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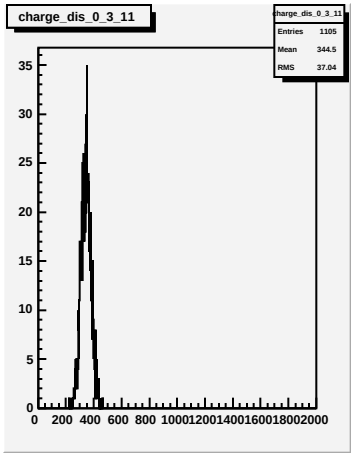
Entries 1105
Mean 297.6
RMS 30.41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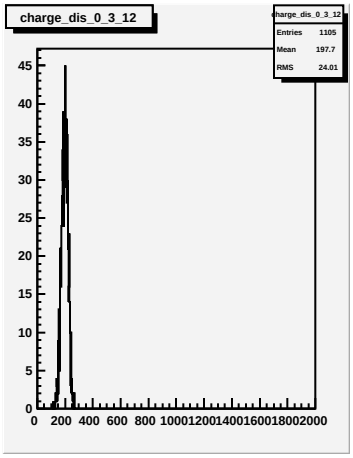
Entries 1105
Mean 344.5
RMS 37.04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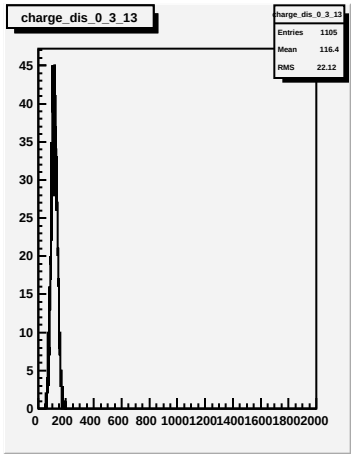
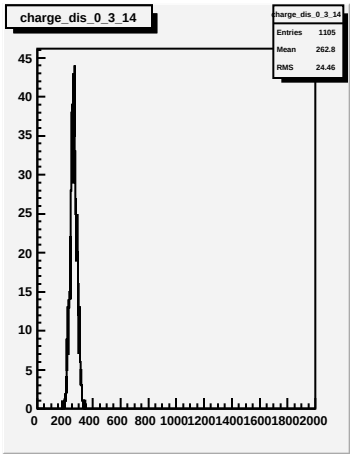
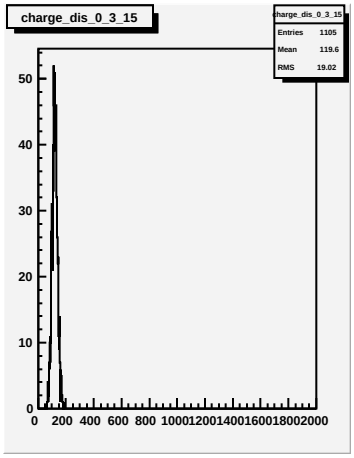
charge_dis_0_3_12
Entries 1105
Mean 197.7
RMS 24.01


charge_dis_0_3_13
charge_dis_0_3_13
Entries 1105
Mean 116.4
RMS 22.12


charge_dis_0_3_14
charge_dis_0_3_14
Entries 1105
Mean 262.8
RMS 24.46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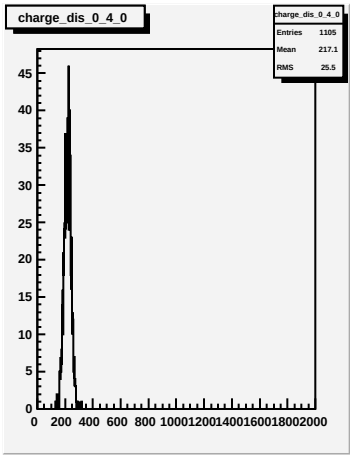
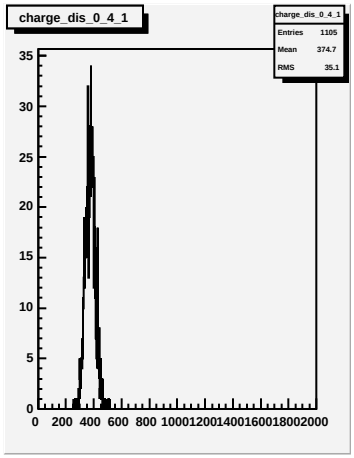
charge_dis_0_3_15
Entries 1105
Mean 119.6
RMS 19.02


charge_dis_0_4_0
charge_dis_0_4_0
Entries 1105
Mean 217.1
RMS 25.5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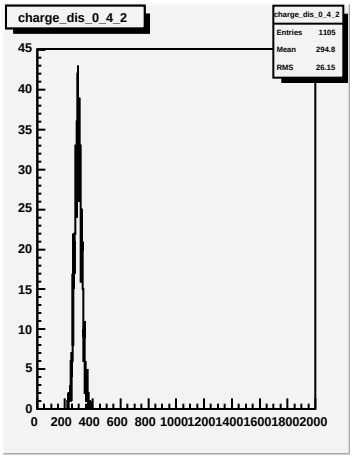
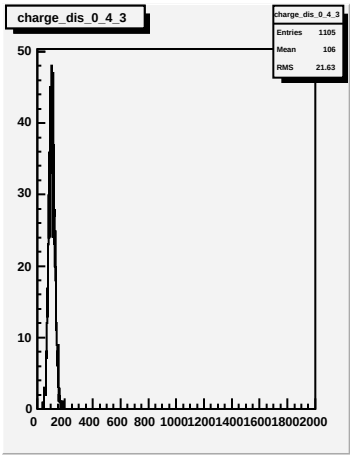
charge_dis_0_4_1
Entries 1105
Mean 374.7
RMS 35.1


charge_dis_0_4_2
charge_dis_0_4_2
Entries 1105
Mean 294.8
RMS 26.15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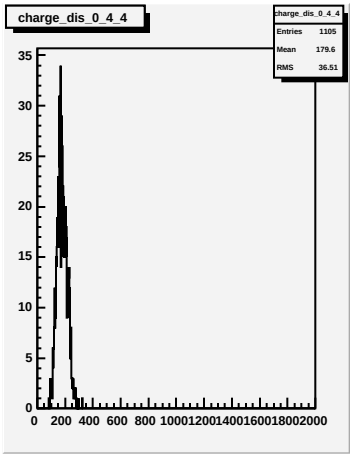
charge_dis_0_4_3
Entries 1105
Mean 106
RMS 21.63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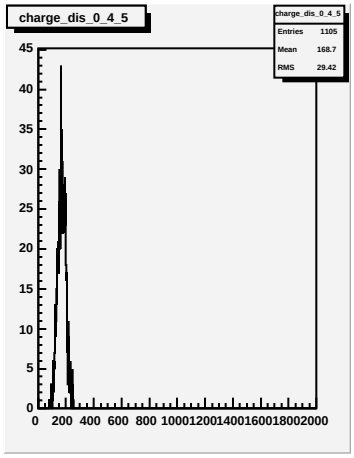
Entries 1105
Mean 179.6
RMS 36.51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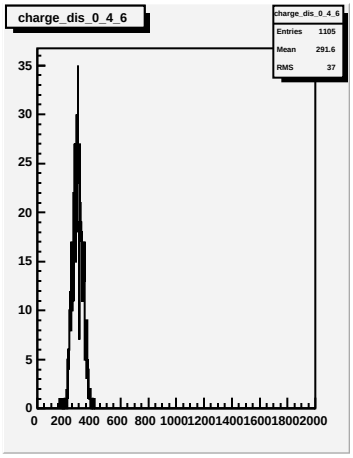
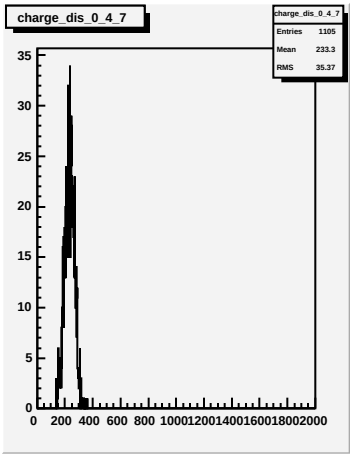
charge_dis_0_4_5
Entries 1105
Mean 168.7
RMS 29.42


charge_dis_0_4_6
charge_dis_0_4_6
Entries 1105
Mean 291.6
RMS 37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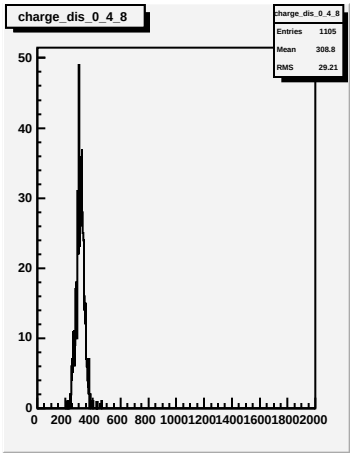
charge_dis_0_4_7
Entries 1105
Mean 233.3
RMS 35.37


charge_dis_0_4_8
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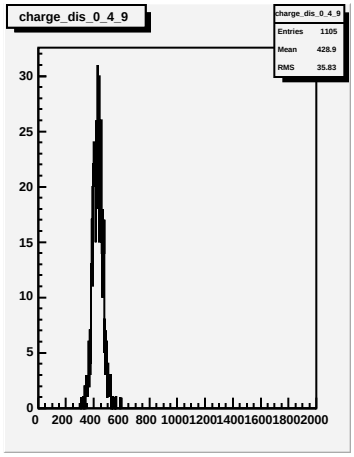
Entries 1105
Mean 308.8
RMS 29.21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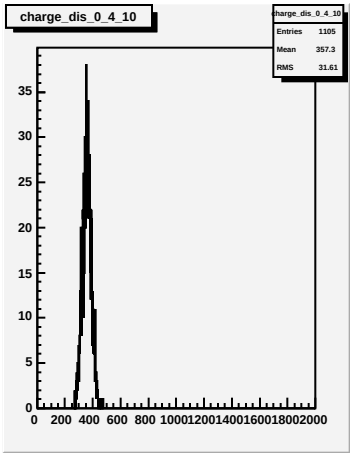
Entries 1105
Mean 428.9
RMS 35.83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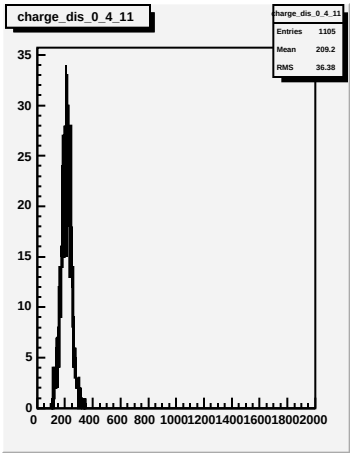
charge_dis_0_4_10
Entries 1105
Mean 357.3
RMS 31.61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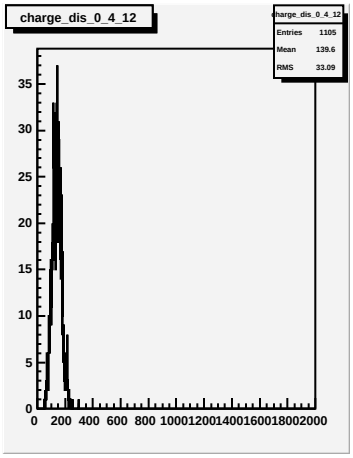
charge_dis_0_4_11
Entries 1105
Mean 209.2
RMS 36.38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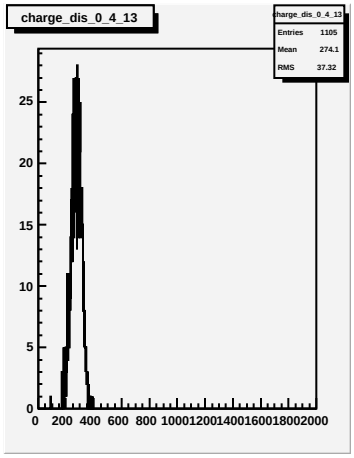
charge_dis_0_4_12
Entries 1105
Mean 139.6
RMS 33.09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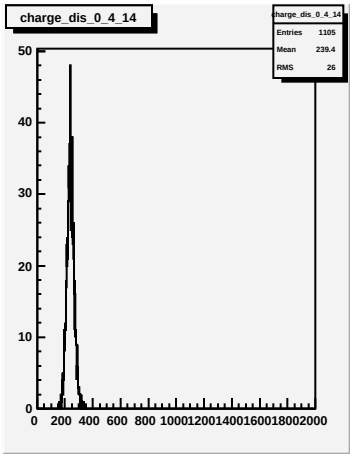
Entries 1105
Mean 274.1
RMS 37.32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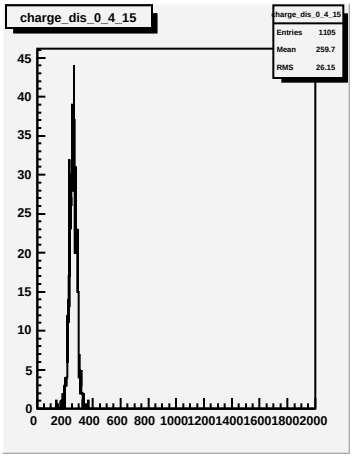
Entries 1105
Mean 239.4
RMS 26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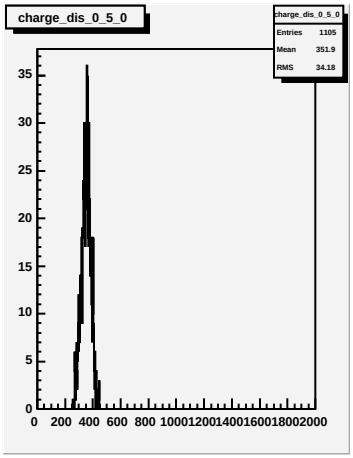
Entries 1105
Mean 259.7
RMS 26.15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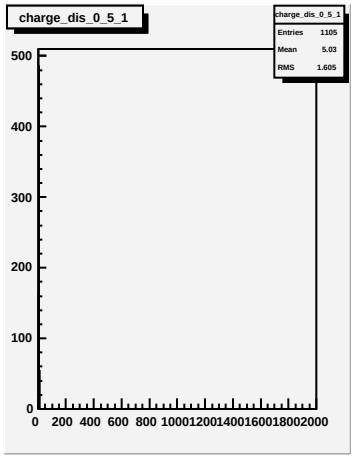
Entries 1105
Mean 351.9
RMS 34.18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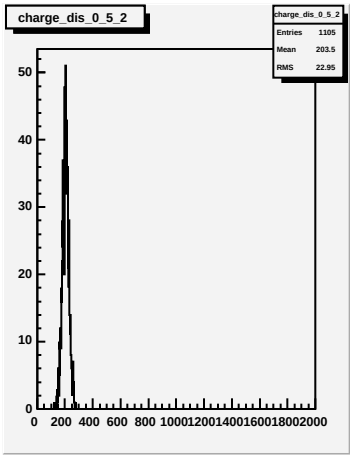
Entries 1105
Mean 5.03
RMS 1.605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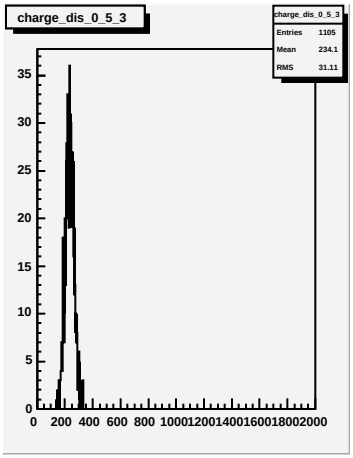
Entries 1105
Mean 203.5
RMS 22.95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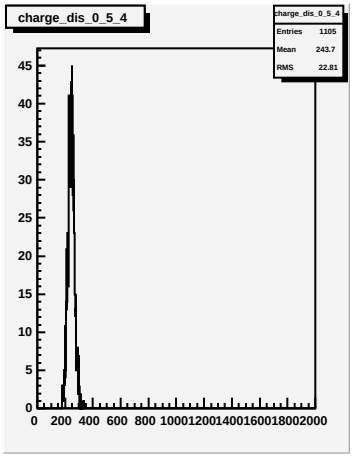
Entries 1105
Mean 234.1
RMS 31.11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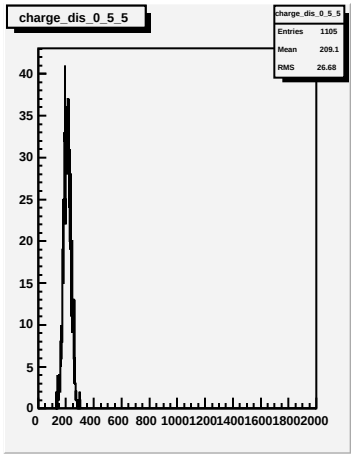
Entries 1105
Mean 243.7
RMS 22.81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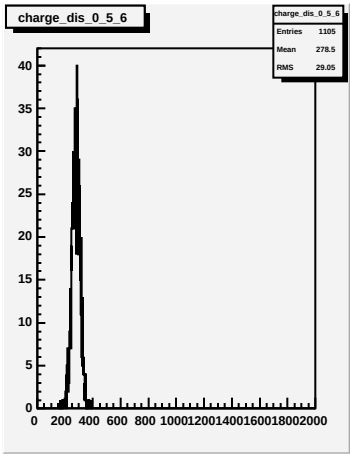
Entries 1105
Mean 209.1
RMS 26.68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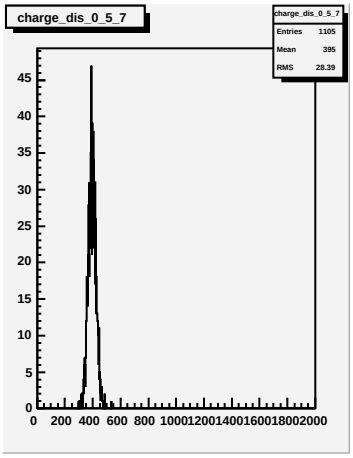
Entries 1105
Mean 278.5
RMS 29.05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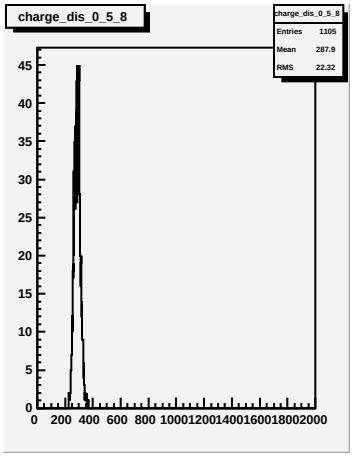
Entries 1105
Mean 395
RMS 28.39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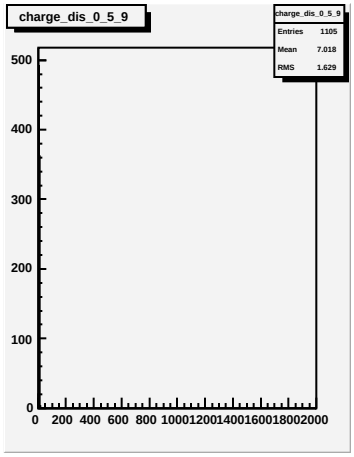
Entries 1105
Mean 287.9
RMS 22.32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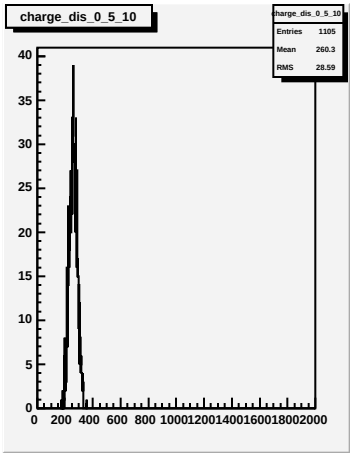
Entries 1105
Mean 7.018
RMS 1.629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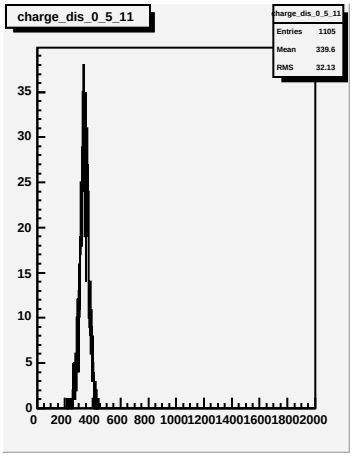
charge_dis_0_5_10
Entries 1105
Mean 260.3
RMS 28.59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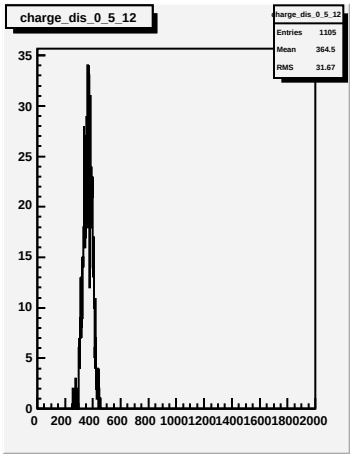
charge_dis_0_5_11
Entries 1105
Mean 339.6
RMS 32.13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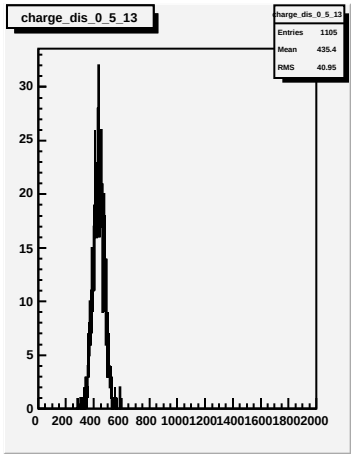
Entries 1105
Mean 364.5
RMS 31.67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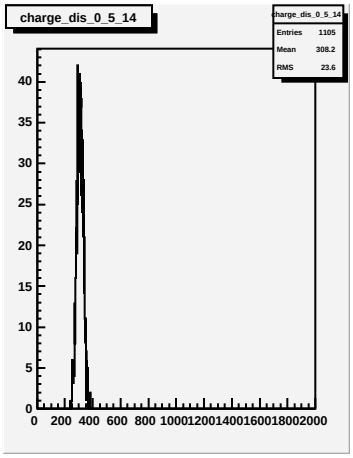
Entries 1105
Mean 435.4
RMS 40.95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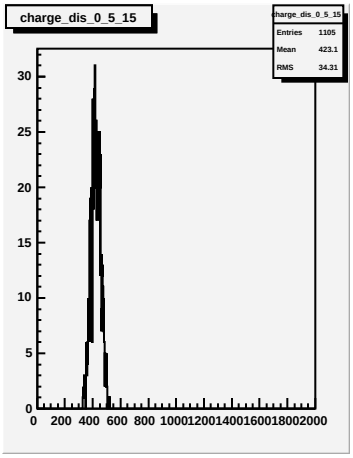
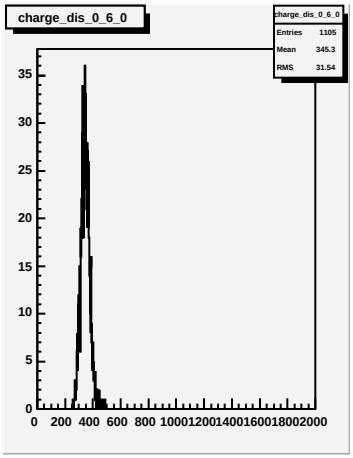
charge_dis_0_5_14
Entries 1105
Mean 308.2
RMS 23.6


charge_dis_0_5_15
charge_dis_0_5_15
Entries 1105
Mean 423.1
RMS 34.31


charge_dis_0_6_0
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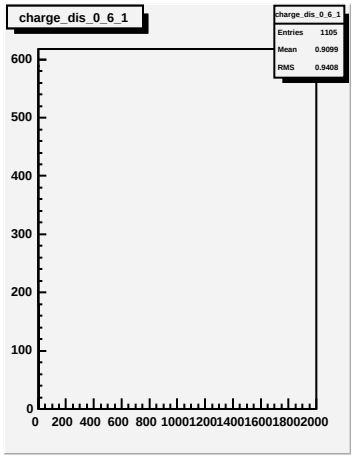
Entries 1105
Mean 345.3
RMS 31.54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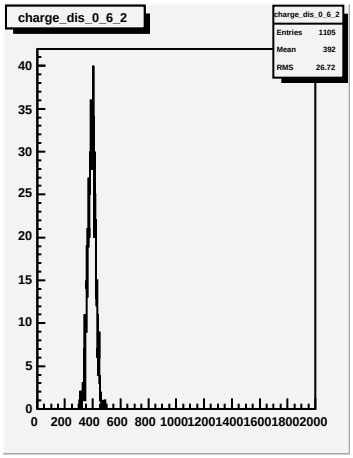
Entries 1105
Mean 0.9099
RMS 0.9408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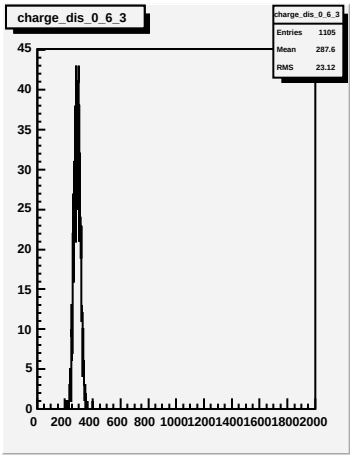
charge_dis_0_6_2
Entries 1105
Mean 392
RMS 26.72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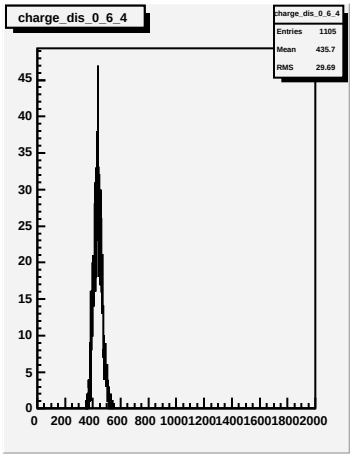
charge_dis_0_6_3
Entries 1105
Mean 287.6
RMS 23.12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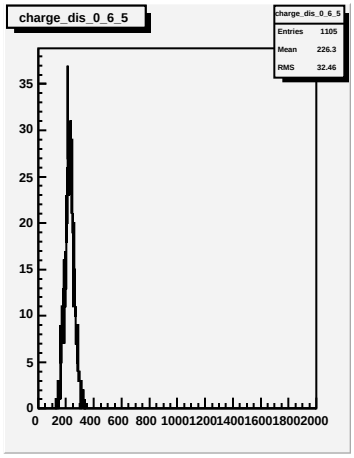
Entries 1105
Mean 435.7
RMS 29.69


charge_dis_0_6_5
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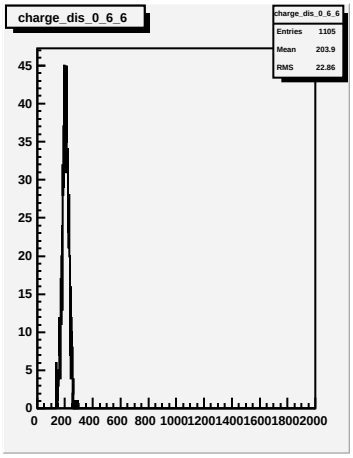
Entries 1105
Mean 226.3
RMS 32.46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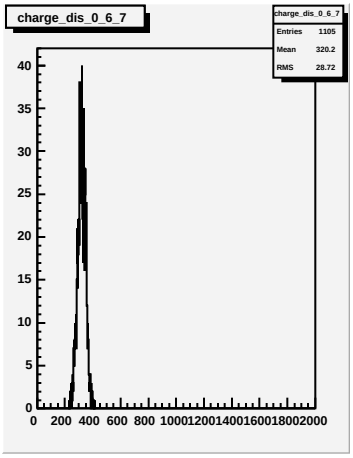
Entries 1105
Mean 203.9
RMS 22.86


charge_dis_0_6_7
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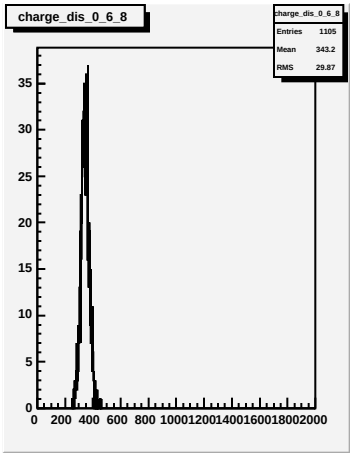
Entries 1105
Mean 320.2
RMS 28.72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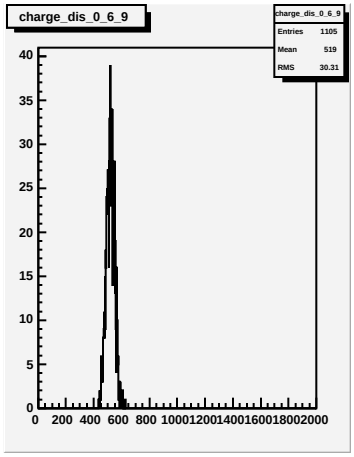
charge_dis_0_6_8
Entries 1105
Mean 343.2
RMS 29.87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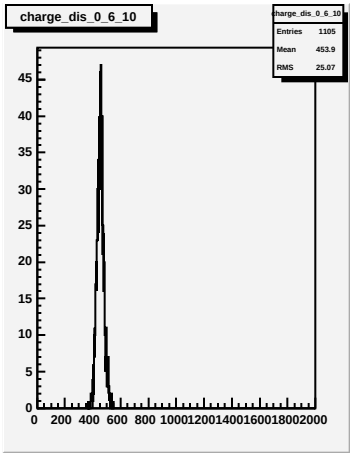
Entries 1105
Mean 519
RMS 30.31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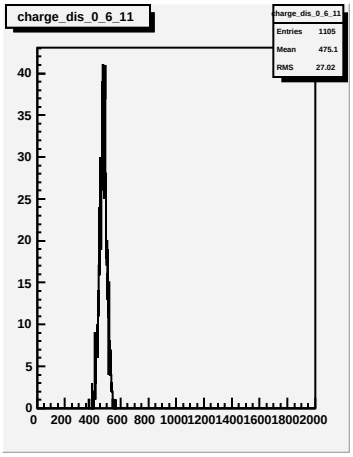
Entries 1105
Mean 453.9
RMS 25.07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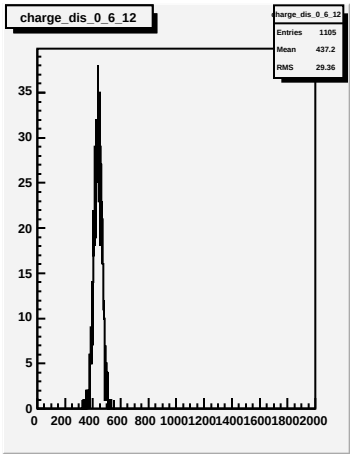
Entries 1105
Mean 475.1
RMS 27.02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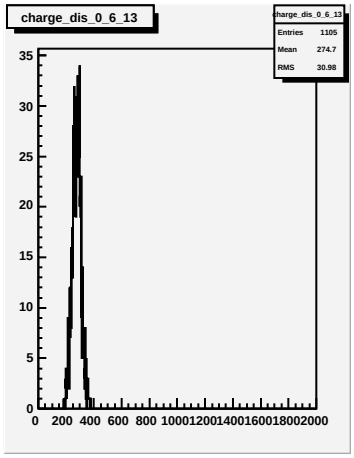
charge_dis_0_6_12
Entries 1105
Mean 437.2
RMS 29.36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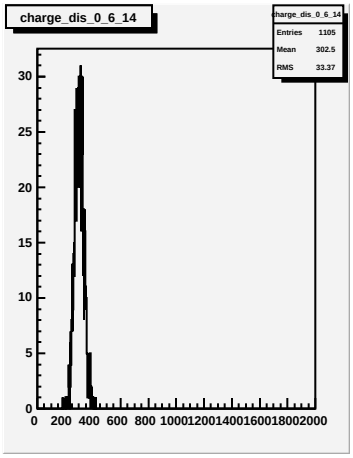
charge_dis_0_6_13
Entries 1105
Mean 274.7
RMS 30.98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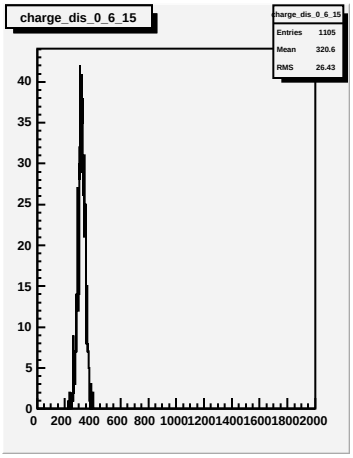
charge_dis_0_6_14
Entries 1105
Mean 302.5
RMS 33.37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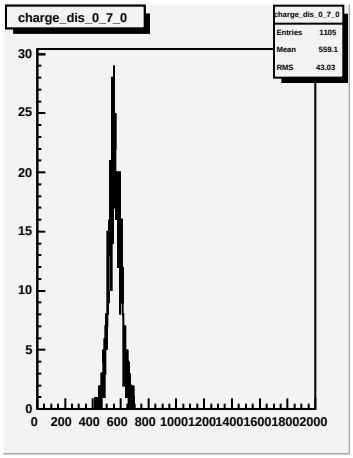
charge_dis_0_6_15
Entries 1105
Mean 320.6
RMS 26.43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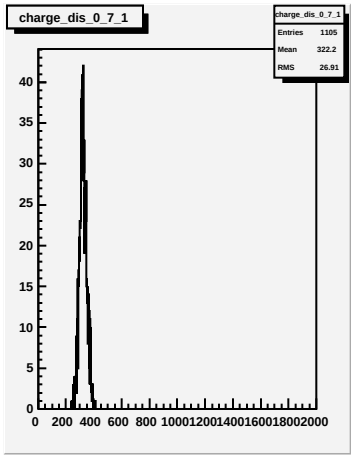
Entries 1105
Mean 559.1
RMS 43.03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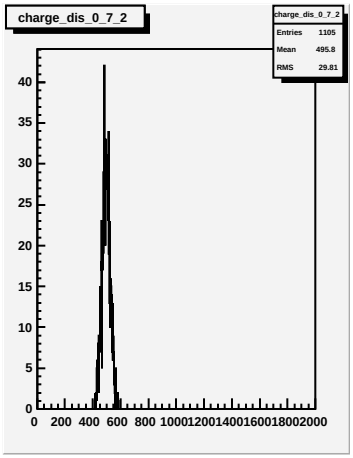
Entries 1105
Mean 322.2
RMS 26.91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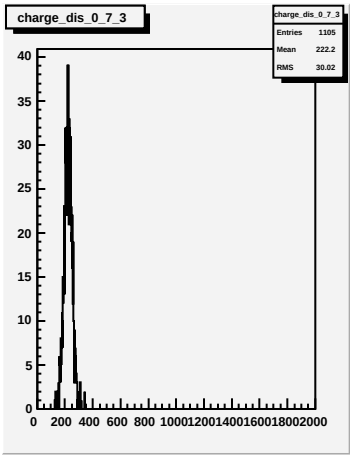
charge_dis_0_7_2
Entries 1105
Mean 495.8
RMS 29.81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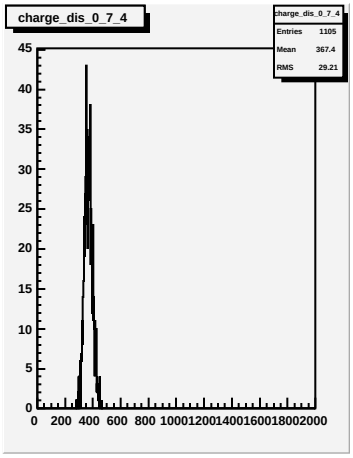
Entries 1105
Mean 222.2
RMS 30.02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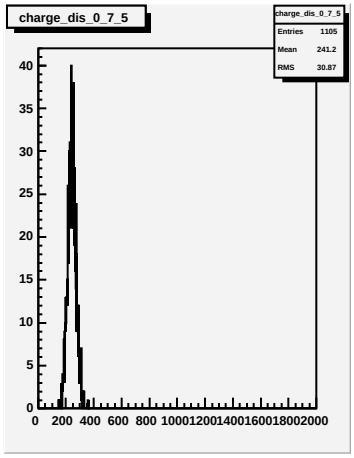
charge_dis_0_7_4
Entries 1105
Mean 367.4
RMS 29.21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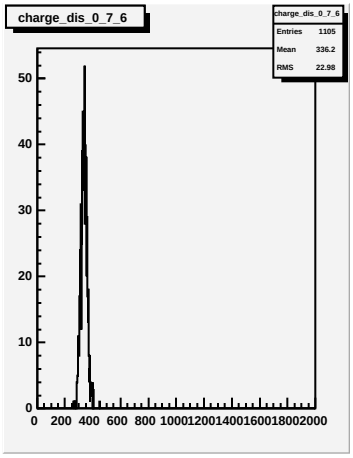
charge_dis_0_7_5
Entries 1105
Mean 241.2
RMS 30.87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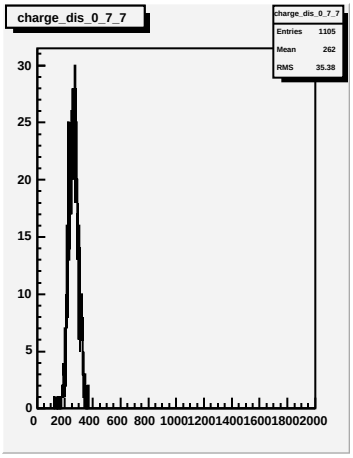
charge_dis_0_7_6
Entries 1105
Mean 336.2
RMS 22.98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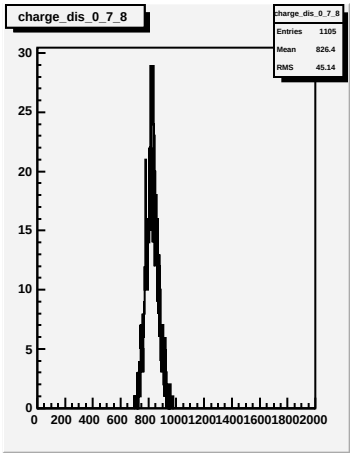
charge_dis_0_7_7
Entries 1105
Mean 262
RMS 35.38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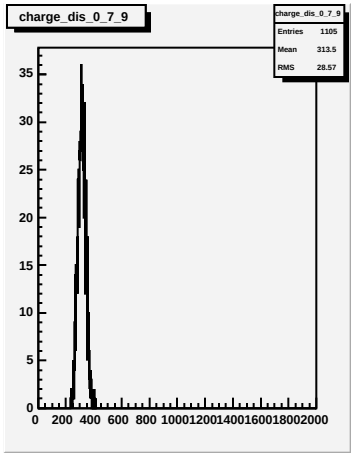
charge_dis_0_7_8
Entries 1105
Mean 826.4
RMS 45.14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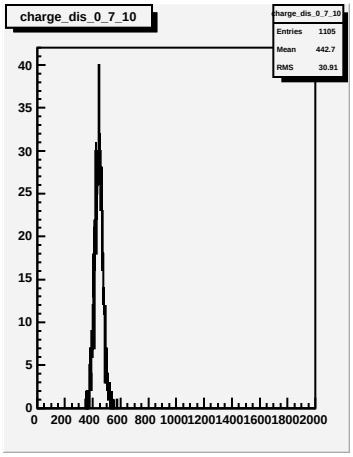
Entries 1105
Mean 313.5
RMS 28.57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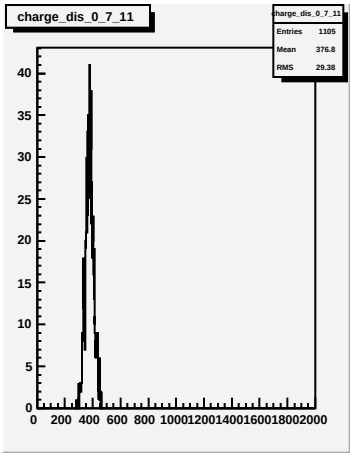
charge_dis_0_7_10
Entries 1105
Mean 442.7
RMS 30.91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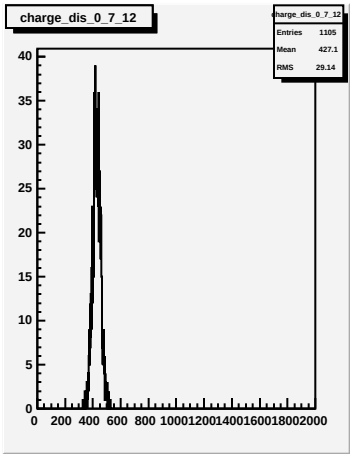
charge_dis_0_7_11
Entries 1105
Mean 376.8
RMS 29.38


charge_dis_0_7_12
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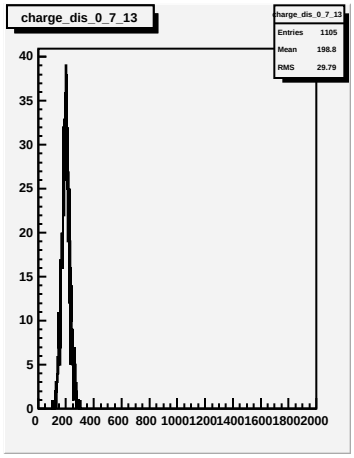
Entries 1105
Mean 427.1
RMS 29.14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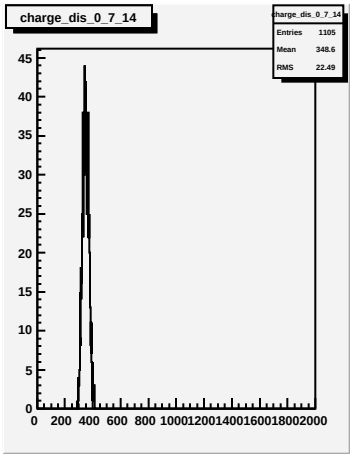
Entries 1105
Mean 198.8
RMS 29.79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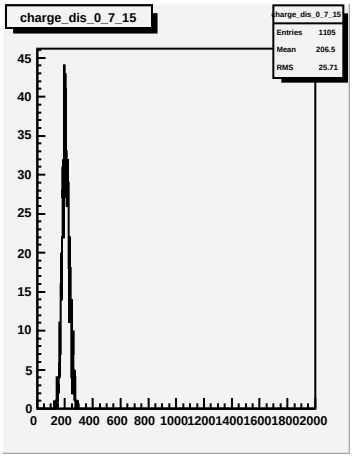
Entries 1105
Mean 348.6
RMS 22.49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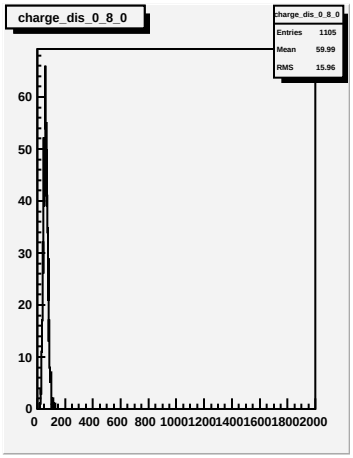
Entries 1105
Mean 206.5
RMS 25.71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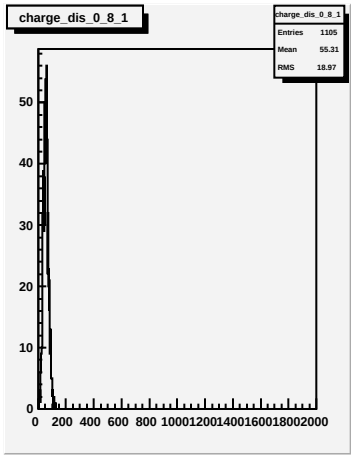
Entries 1105
Mean 59.99
RMS 15.96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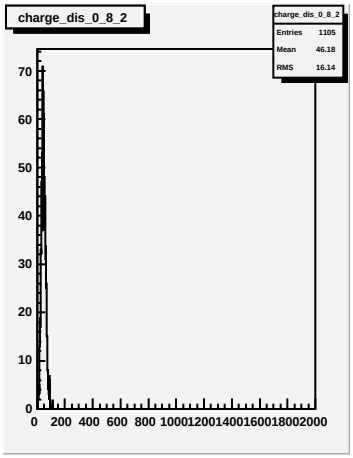
Entries 1105
Mean 55.31
RMS 18.97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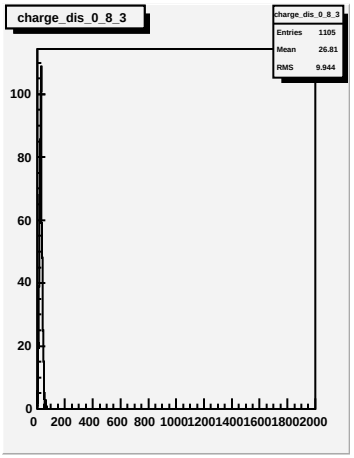
Entries 1105
Mean 46.18
RMS 16.14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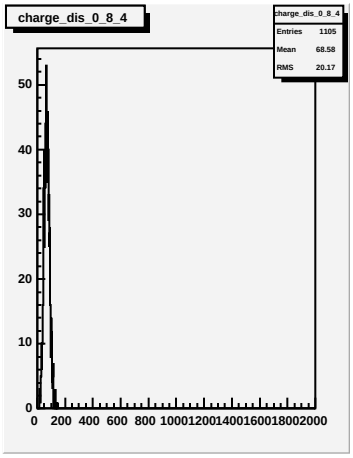
Entries 1105
Mean 26.81
RMS 9.944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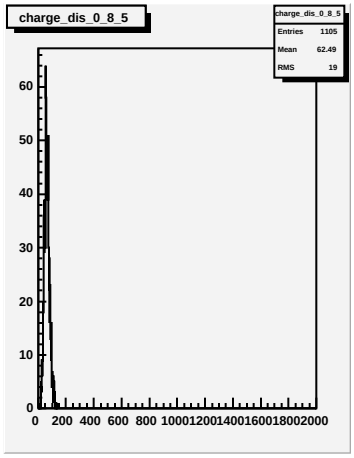
RMS 20.17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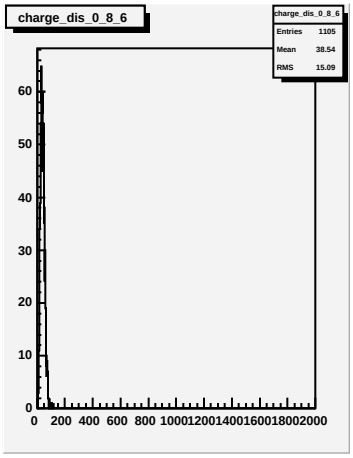
Entries 1105
Mean 62.49
RMS 19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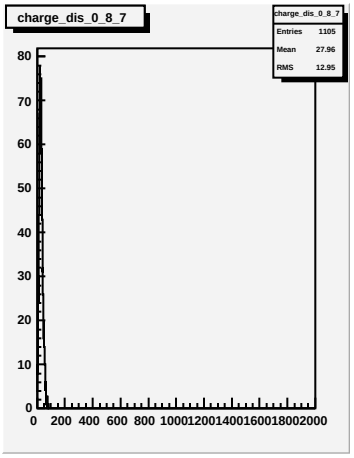
Entries 1105
Mean 38.54
RMS 15.09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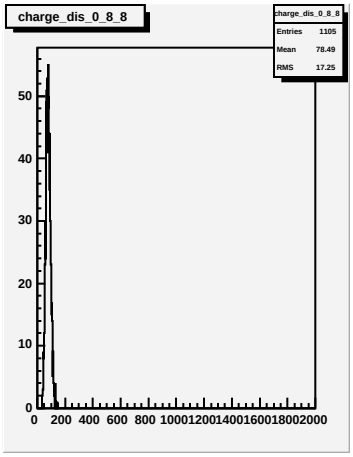
Entries 1105
Mean 27.96
RMS 12.95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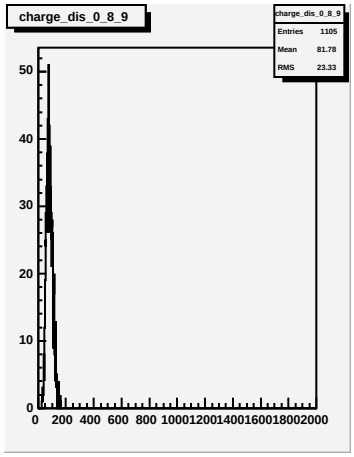
Entries 1105
Mean 78.49
RMS 17.25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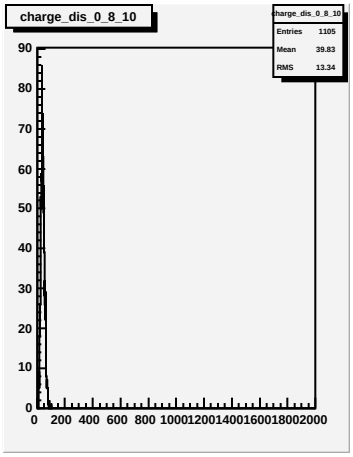
charge_dis_0_8_9
Entries 1105
Mean 81.78
RMS 23.33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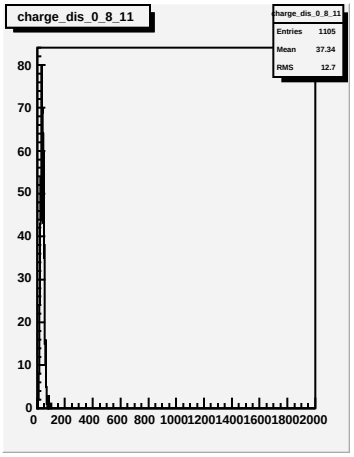
charge_dis_0_8_10
Entries 1105
Mean 39.83
RMS 13.34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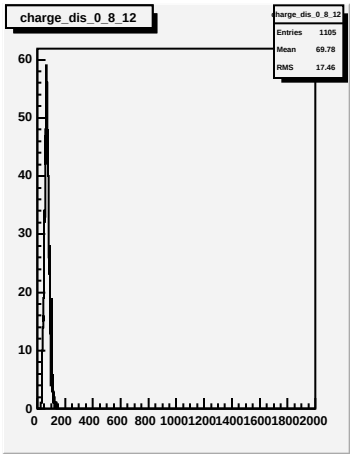
charge_dis_0_8_11
Entries 1105
Mean 37.34
RMS 12.7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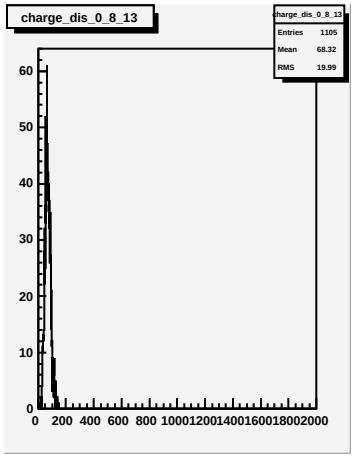
Entries 1105
Mean 69.78
RMS 17.46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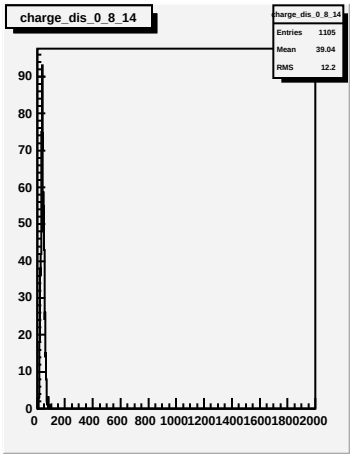
Entries 1105
Mean 68.32
RMS 19.99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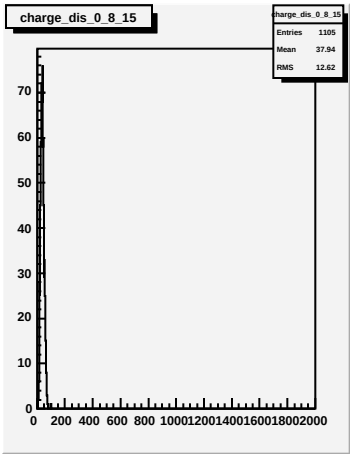
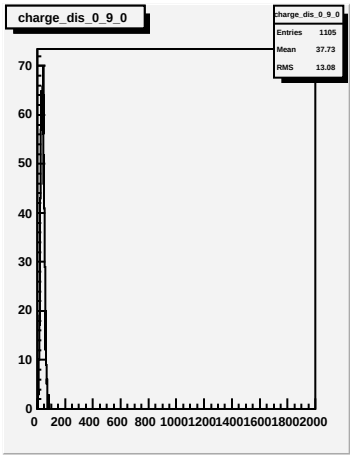
Entries 1105
Mean 39.04
RMS 12.2


charge_dis_0_8_15
charge_dis_0_8_15
Entries 1105
Mean 37.94
RMS 12.62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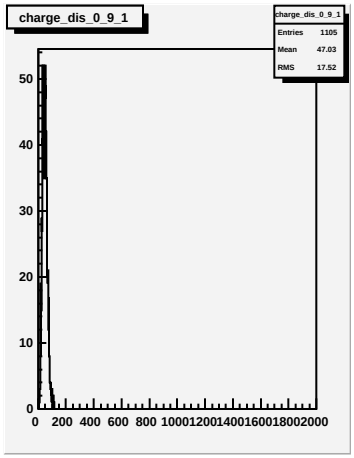
Mean 37.73
RMS 13.08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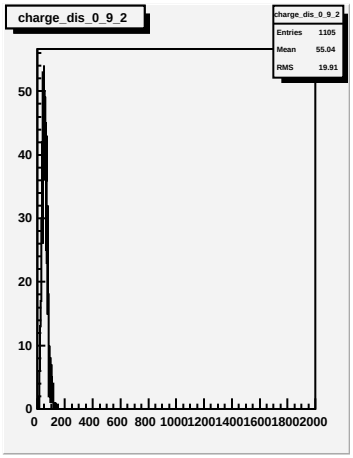
Mean 47.03
RMS 17.52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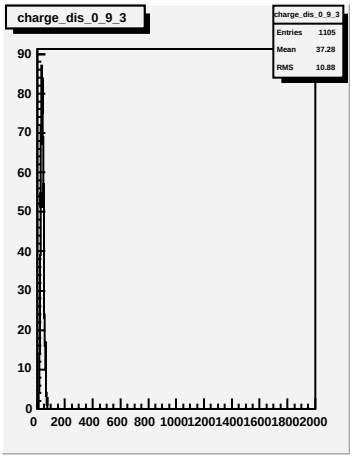
charge_dis_0_9_2
Entries 1105
Mean 55.04
RMS 19.91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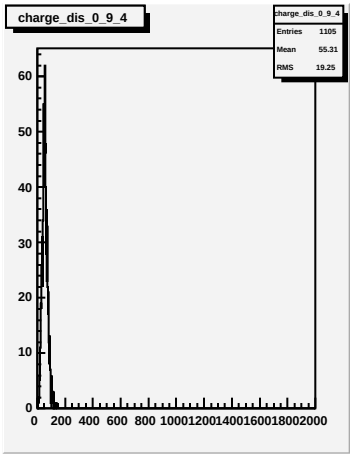
Mean 37.28
RMS 10.88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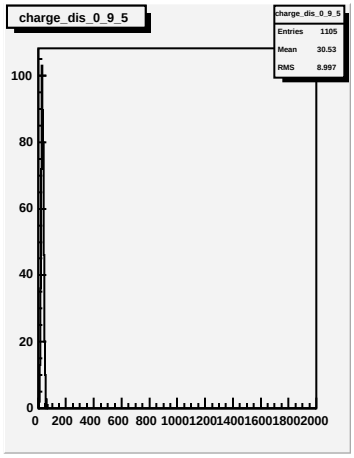
Mean 55.31
RMS 19.25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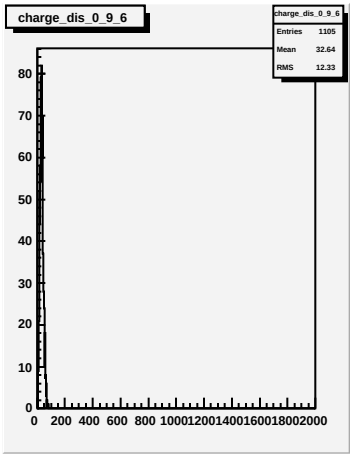
RMS 8.997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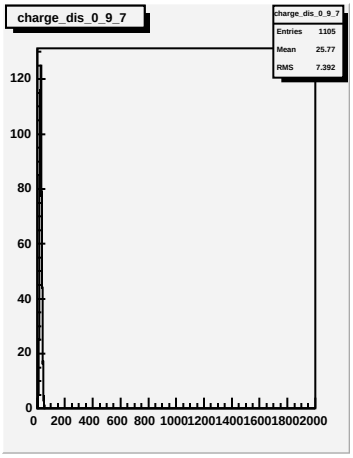
Mean 32.64
RMS 12.33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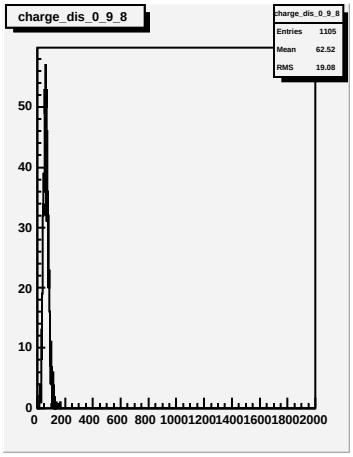
Entries 1105
Mean 25.77
RMS 7.392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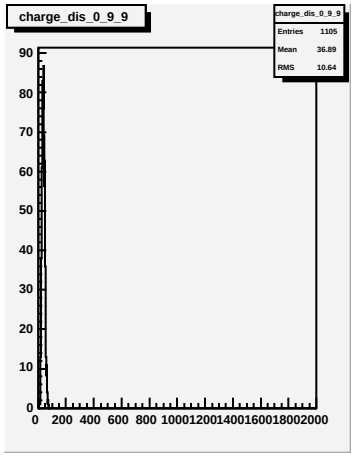
Mean 62.52
RMS 19.08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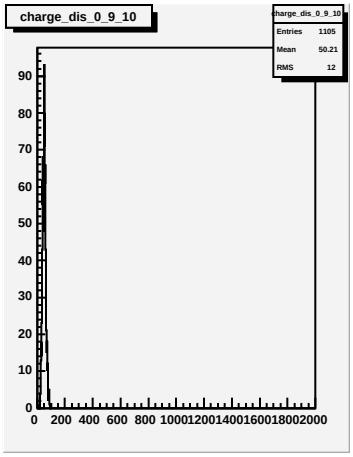
RMS 10.64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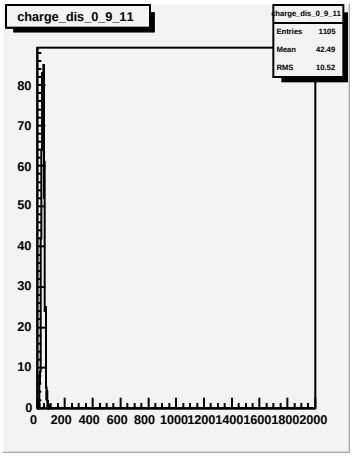
RMS 12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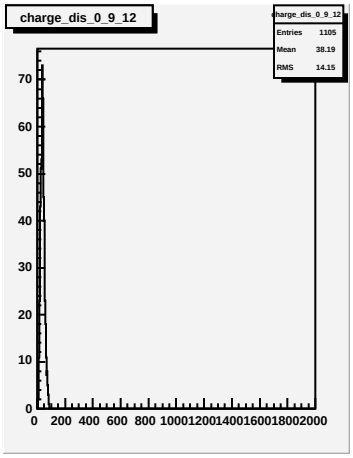
Mean 42.49
RMS 10.52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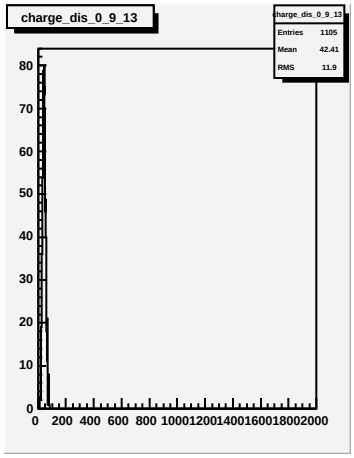
RMS 14.15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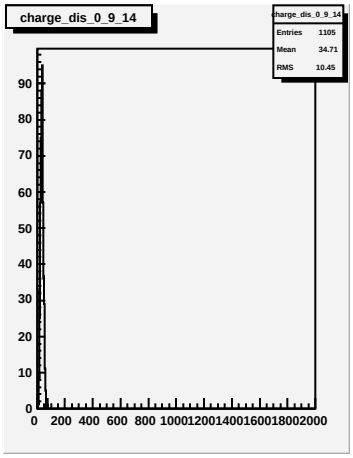
Mean 42.41
RMS 11.9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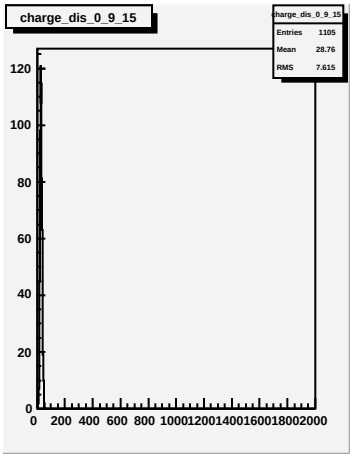
Entries 1105
Mean 34.71
RMS 10.45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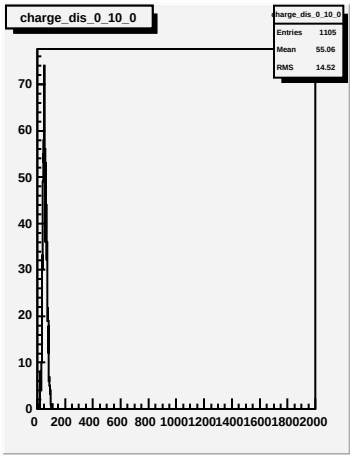
RMS 7.615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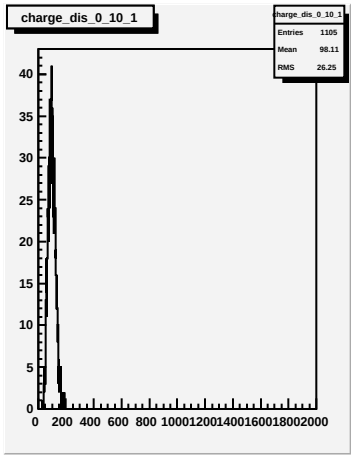
RMS 14.52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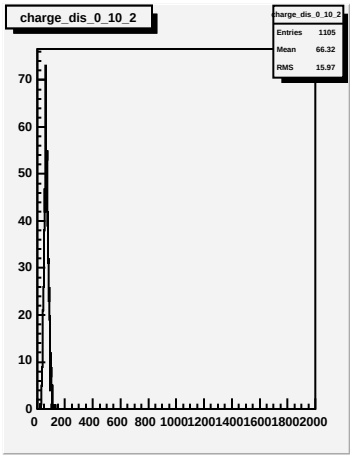
Mean 98.11
RMS 26.25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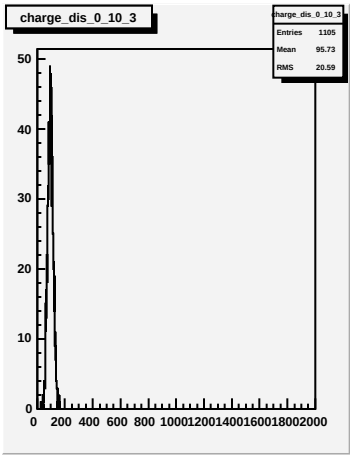
Mean 66.32
RMS 15.97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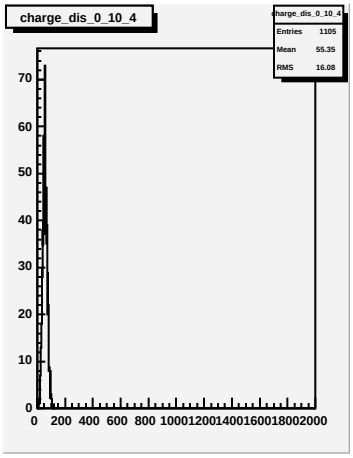
RMS 20.59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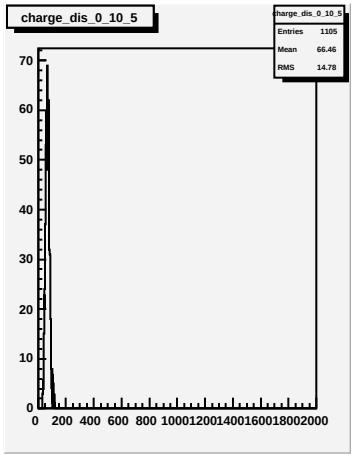
Mean 55.35
RMS 16.08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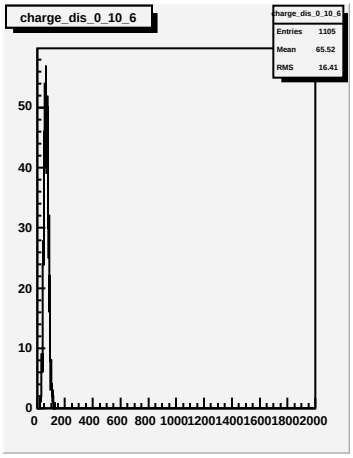
Entries 1105
Mean 66.46
RMS 14.78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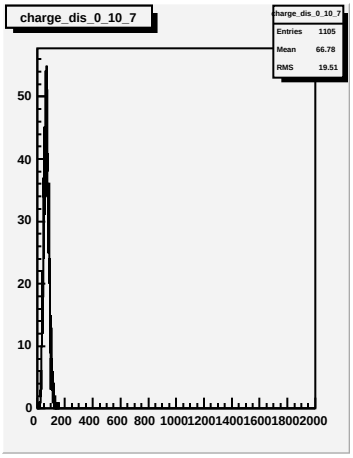
Entries 1105
Mean 65.52
RMS 16.41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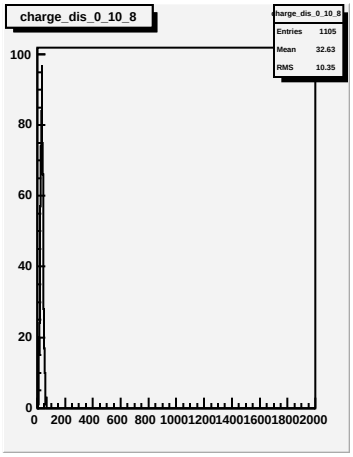
Entries 1105
Mean 66.78
RMS 19.51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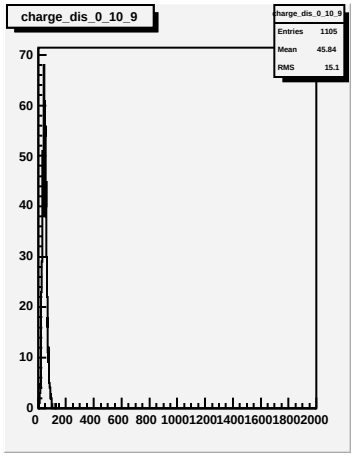
Entries 1105
Mean 32.63
RMS 10.35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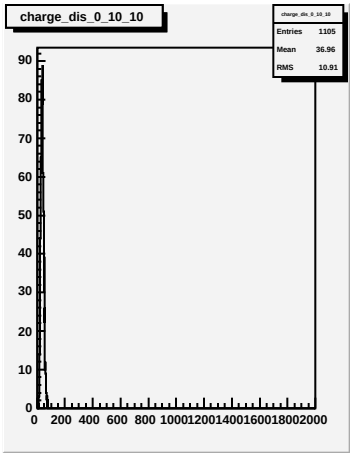
RMS 15.1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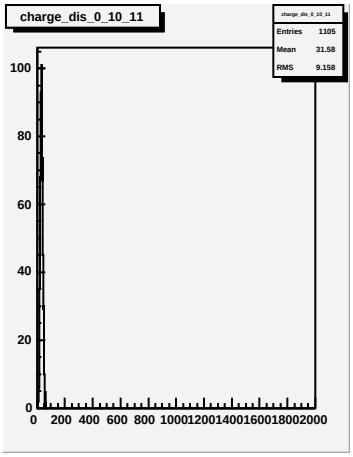
Entries 1105
Mean 36.96
RMS 10.91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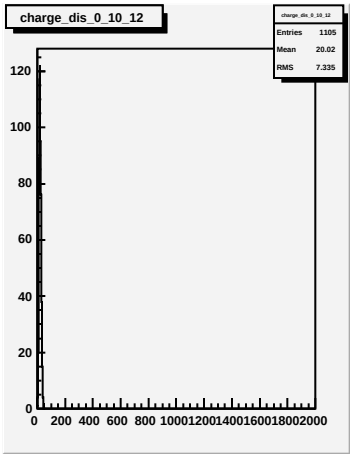
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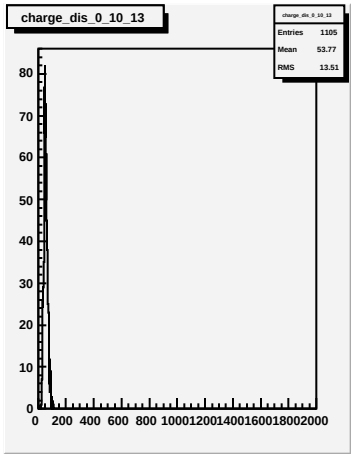
Mean 20.02
RMS 7.335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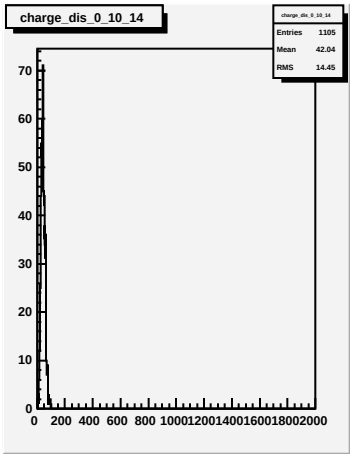
Entries 1105
Mean 53.77
RMS 13.51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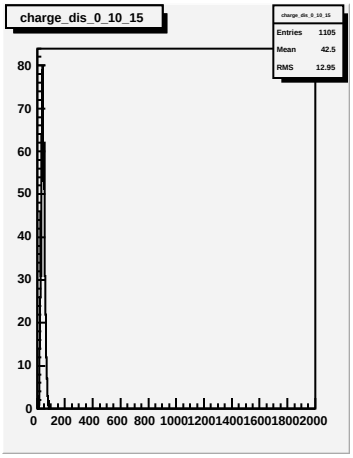
Entries 1105
Mean 42.04
RMS 14.45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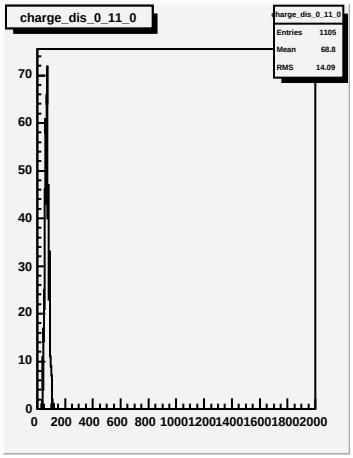
Entries 1105
Mean 42.5
RMS 12.95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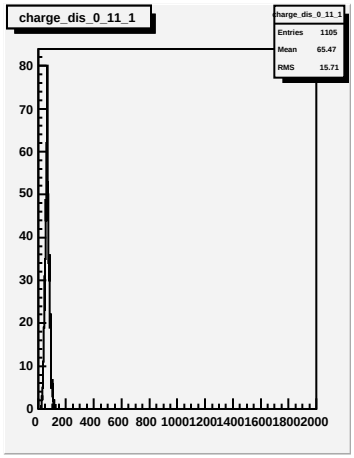
Mean 68.8
RMS 14.09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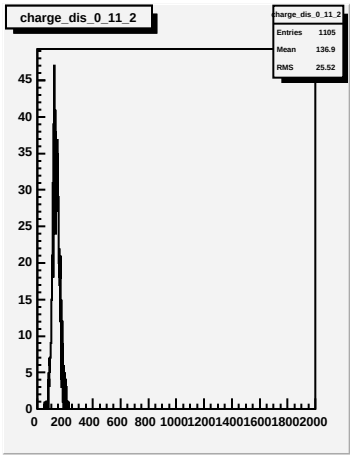
Entries 1105
Mean 65.47
RMS 15.71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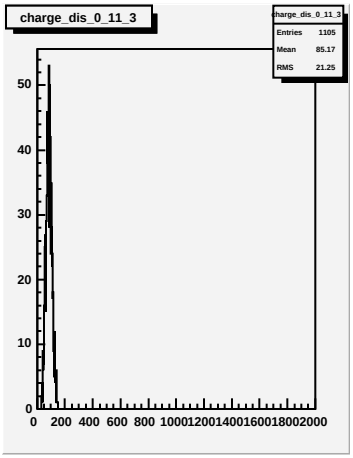
RMS 25.52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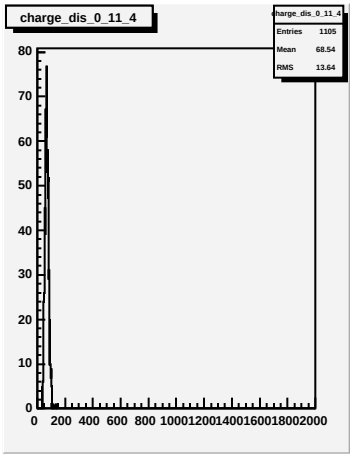
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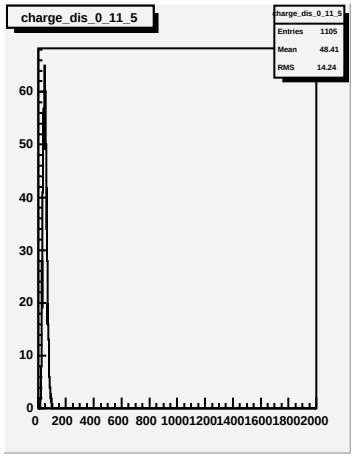
Mean 68.54
RMS 13.64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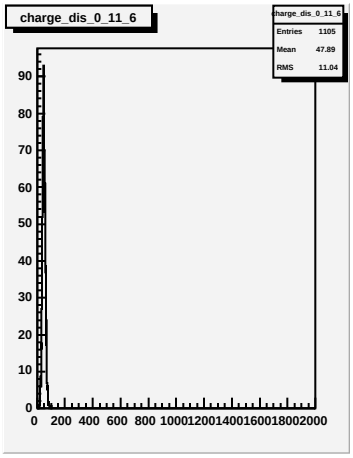
RMS 14.24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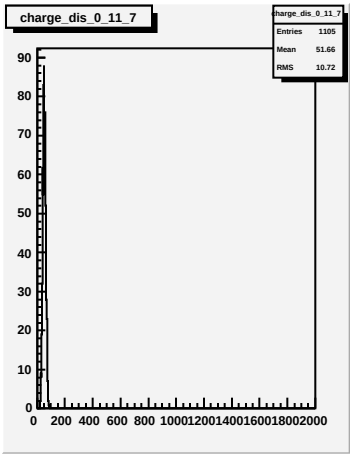
RMS 11.04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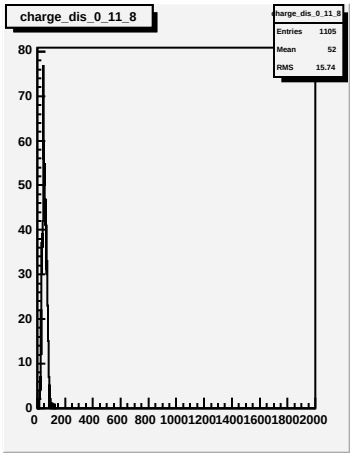
RMS 10.72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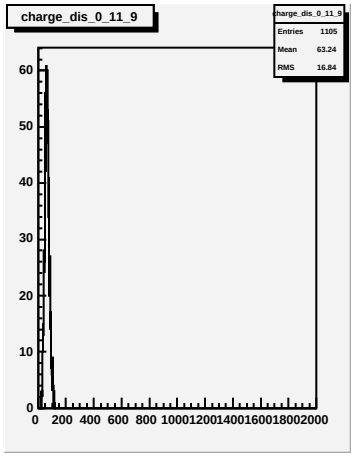
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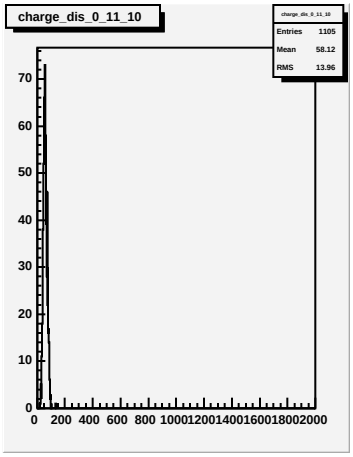
RMS 16.84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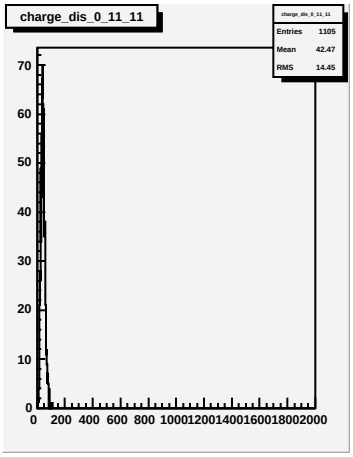
Entries 1105
Mean 58.12
RMS 13.96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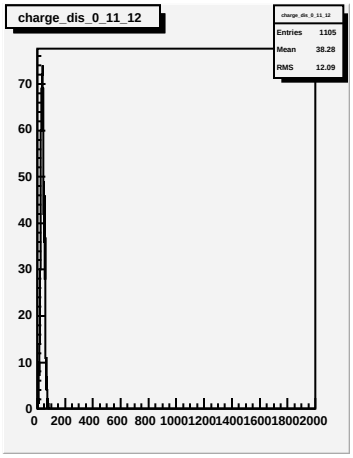
Entries 1105
Mean 42.47
RMS 14.45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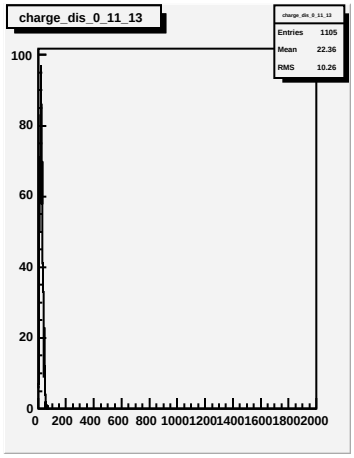
Entries 1105
Mean 38.28
RMS 12.09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Entries 1105
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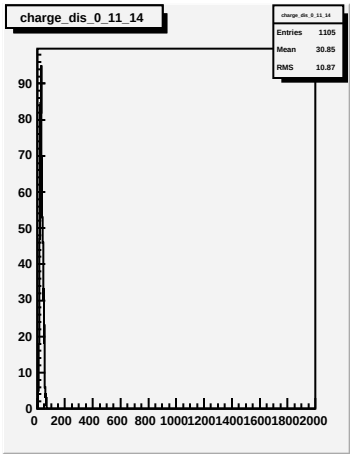
RMS 10.26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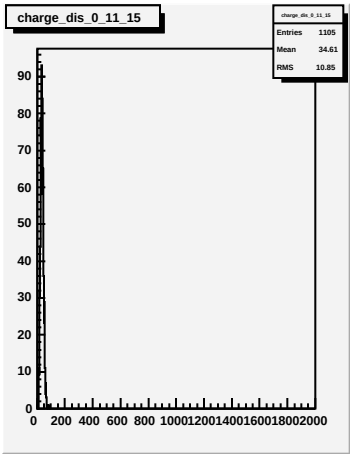
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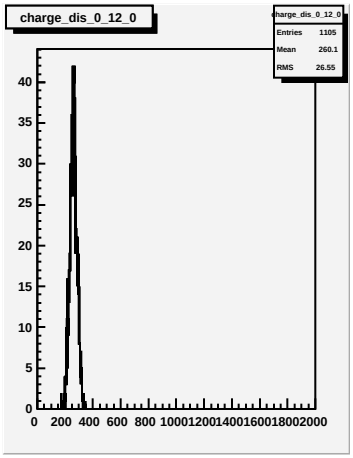
RMS 10.85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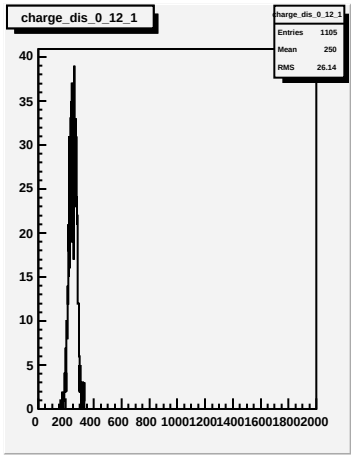
Entries 1105
Mean 260.1
RMS 26.55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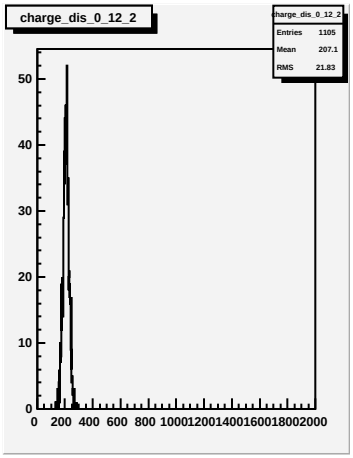
Entries 1105
Mean 250
RMS 26.14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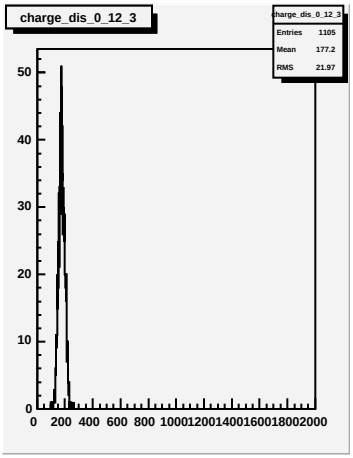
Entries 1105
Mean 207.1
RMS 21.83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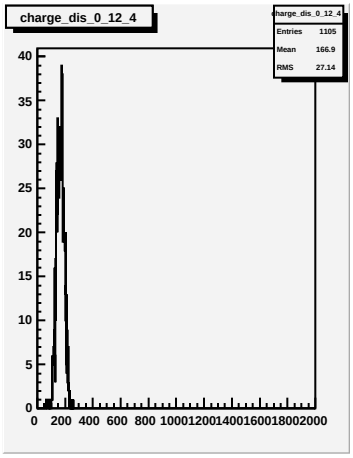
Entries 1105
Mean 177.2
RMS 21.97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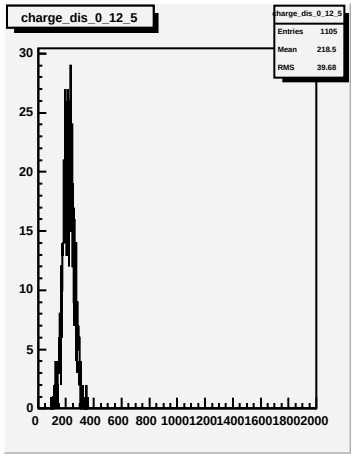
Mean 166.9
RMS 27.14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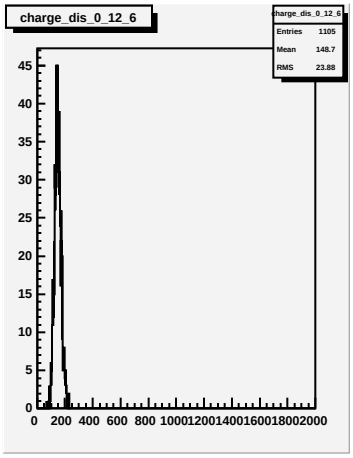
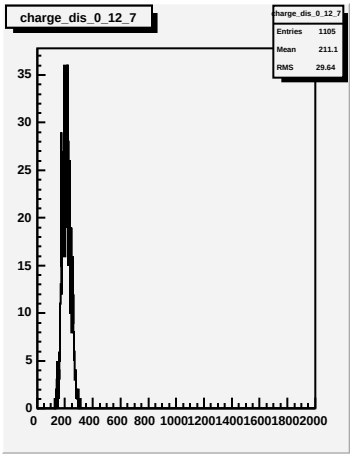
RMS 39.68


charge_dis_0_12_6
Entries 1105
Mean 148.7
RMS 23.88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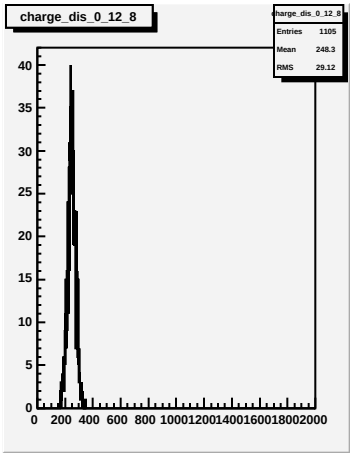
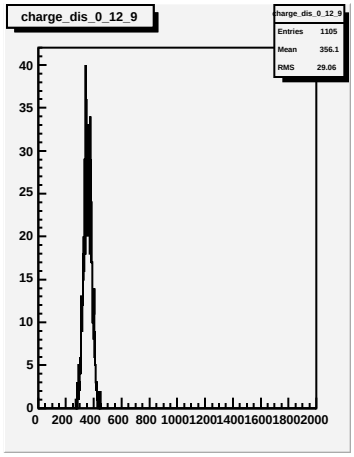
Entries 1105
Mean 211.1
RMS 29.64


charge_dis_0_12_8
Entries 1105
Mean 248.3
RMS 29.12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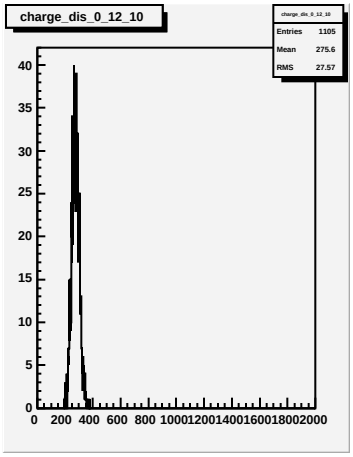
Mean 356.1
RMS 29.06


charge_dis_0_12_10
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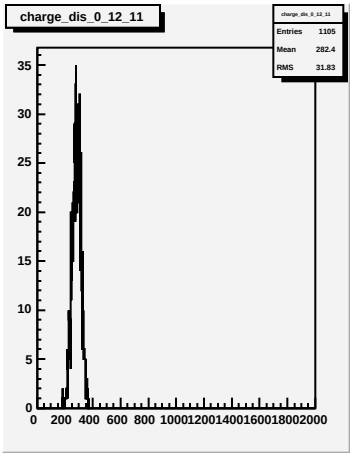
Mean 275.6
RMS 27.57


charge_dis_0_12_11
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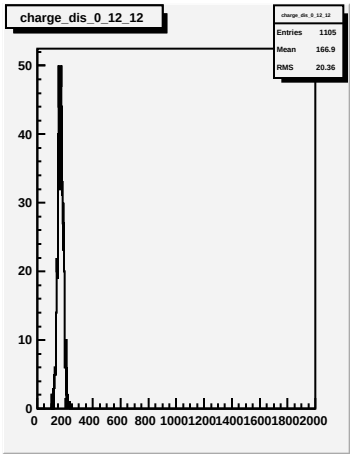
Mean 282.4
RMS 31.83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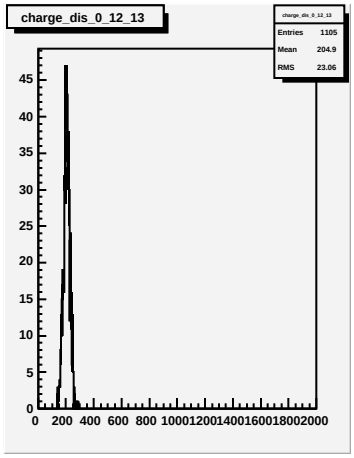
Mean 166.9
RMS 20.36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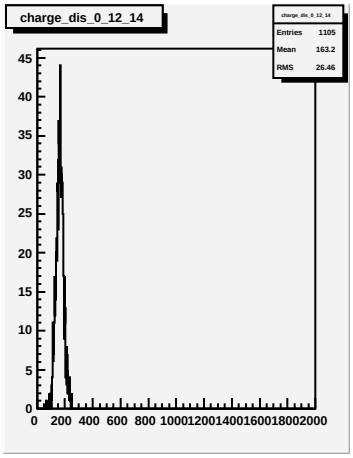
Entries 1105
Mean 204.9
RMS 23.06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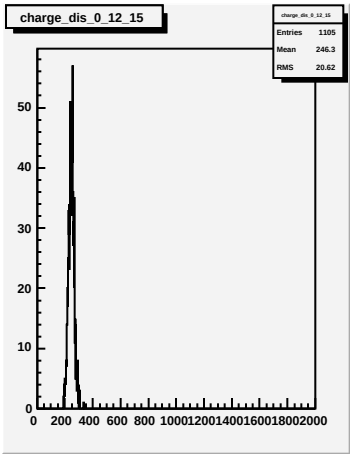
Mean 163.2
RMS 26.46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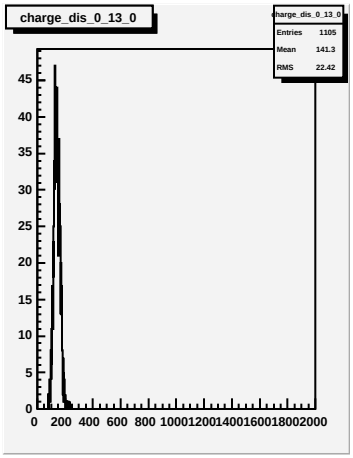
RMS 20.62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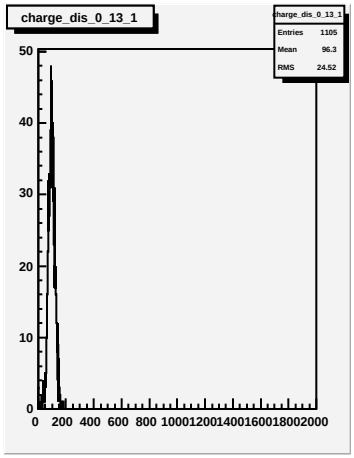
Entries 1105
Mean 141.3
RMS 22.42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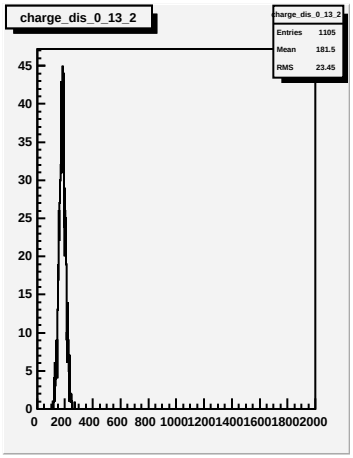
Entries 1105
Mean 96.3
RMS 24.52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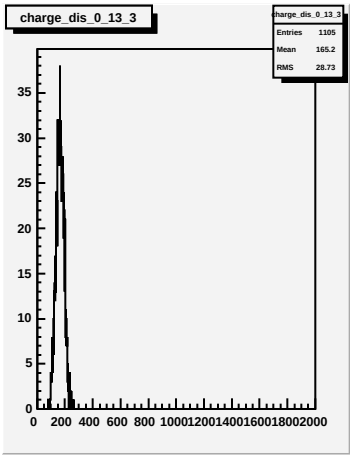
RMS 23.45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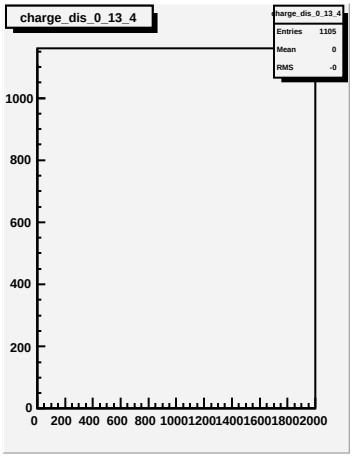
RMS 28.73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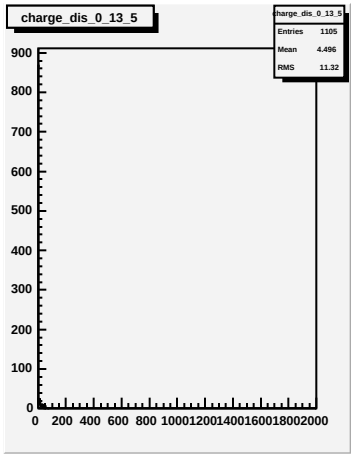
RMS -0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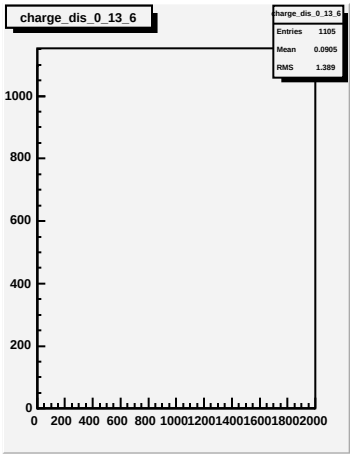
RMS 11.32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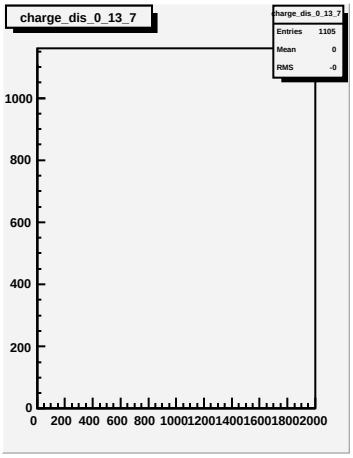
RMS 1.389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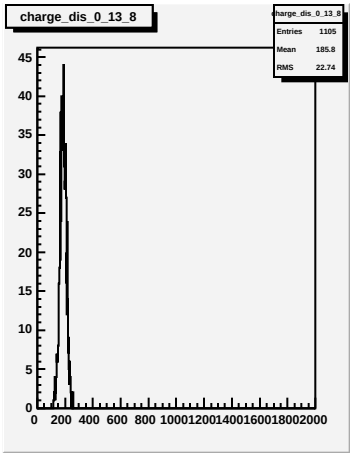
RMS -0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Entries 1105
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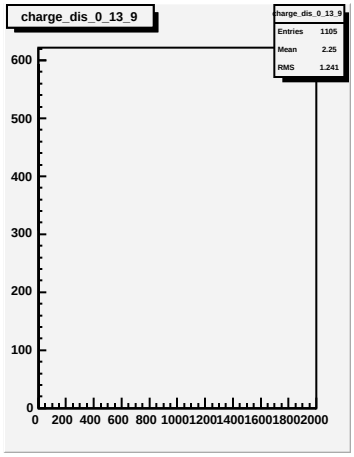
RMS 22.74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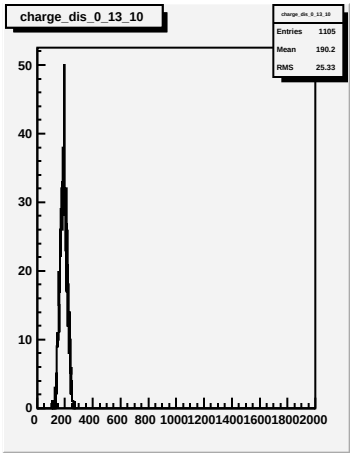
RMS 1.241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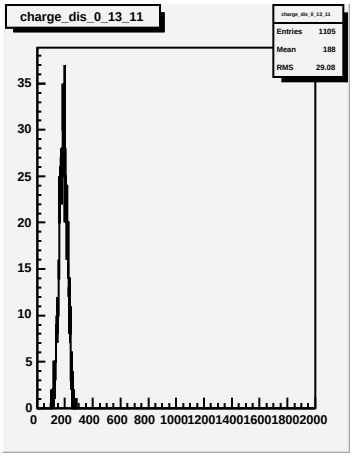
Entries 1105
Mean 190.2
RMS 25.33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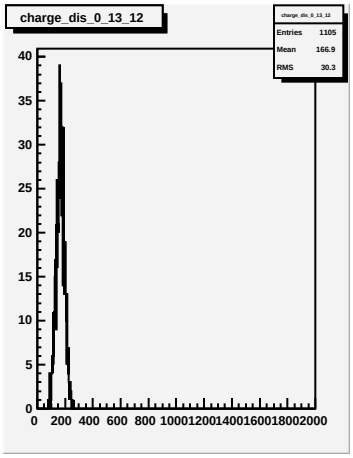
Entries 1105
Mean 188
RMS 29.08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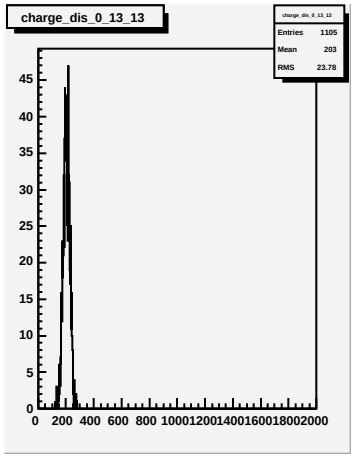
Entries 1105
Mean 166.9
RMS 30.3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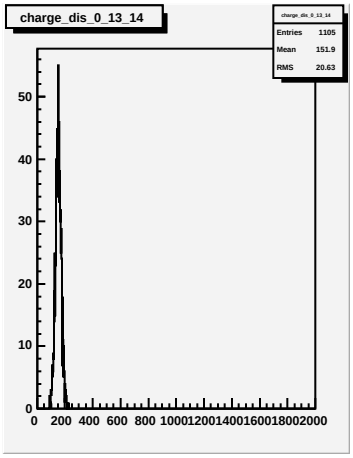
Entries 1105
Mean 203
RMS 23.78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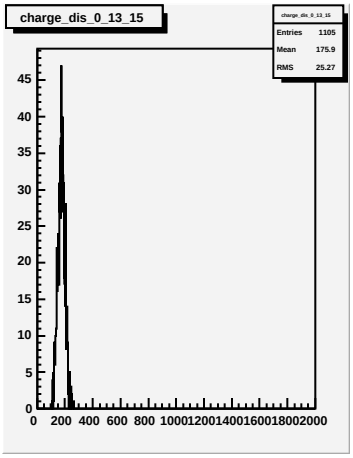
Entries 1105
Mean 151.9
RMS 20.63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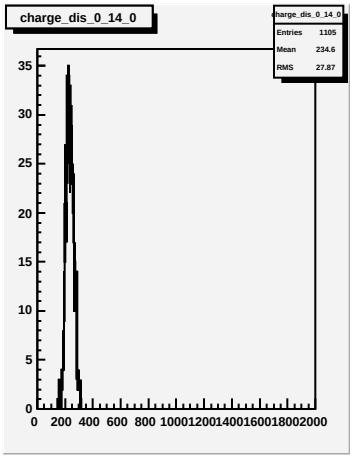
Entries 1105
Mean 175.9
RMS 25.27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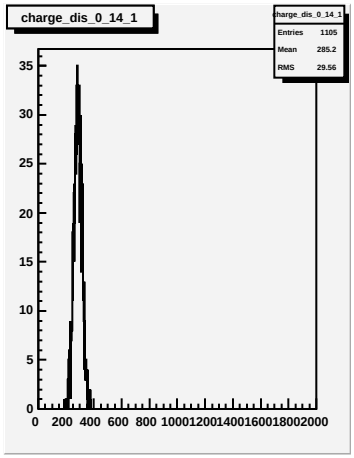
charge_dis_0_14_0
Entries 1105
Mean 234.6
RMS 27.87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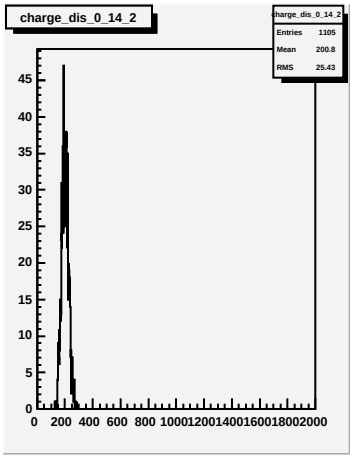
charge_dis_0_14_1
Entries 1105
Mean 285.2
RMS 29.56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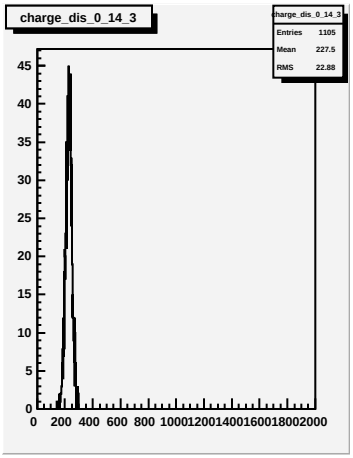
Entries 1105
Mean 200.8
RMS 25.43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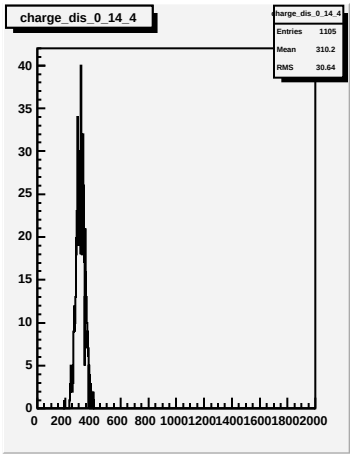
charge_dis_0_14_3
Entries 1105
Mean 227.5
RMS 22.88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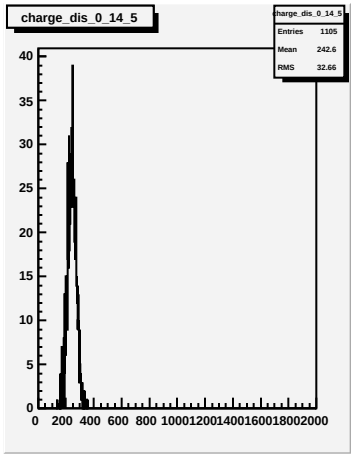
Entries 1105
Mean 310.2
RMS 30.64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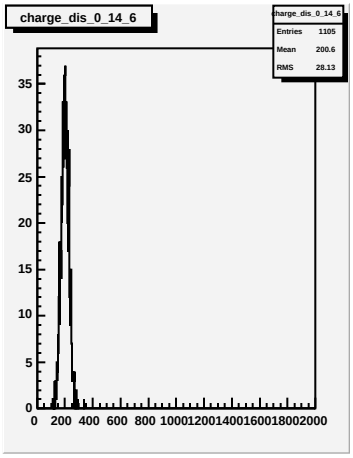
charge_dis_0_14_5
Entries 1105
Mean 242.6
RMS 32.66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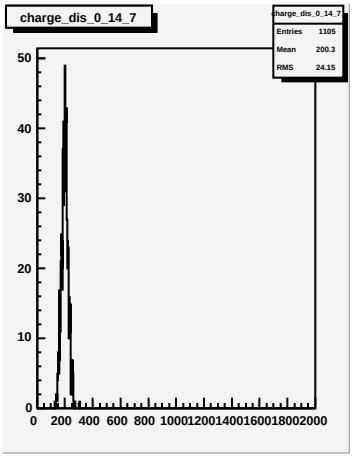
charge_dis_0_14_6
Entries 1105
Mean 200.6
RMS 28.13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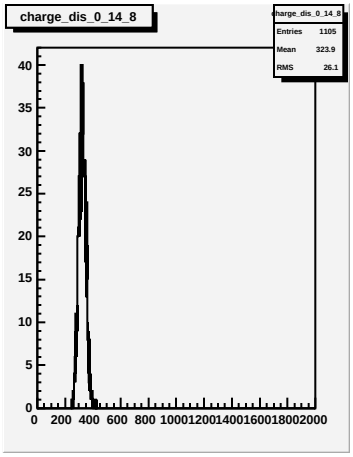
Entries 1105
Mean 200.3
RMS 24.15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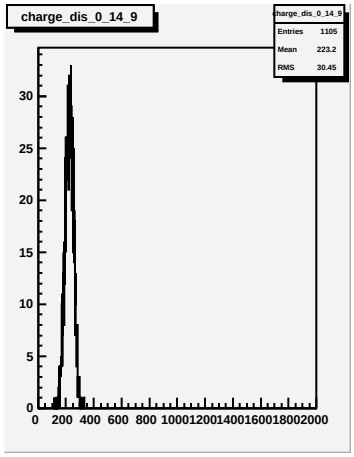
Entries 1105
Mean 323.9
RMS 26.1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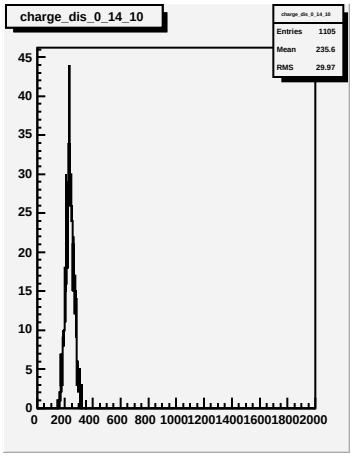
Mean 223.2
RMS 30.45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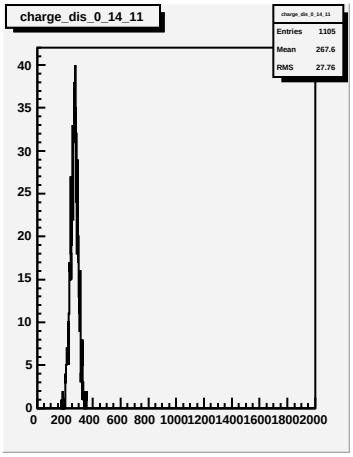
Entries 1105
Mean 235.6
RMS 29.97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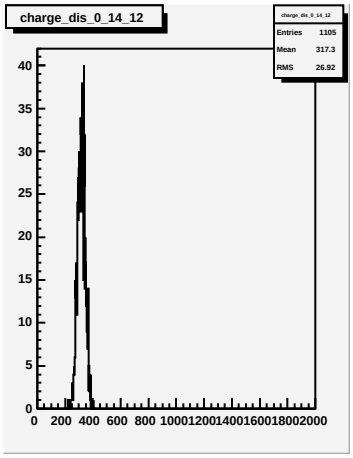
Mean 267.6
RMS 27.76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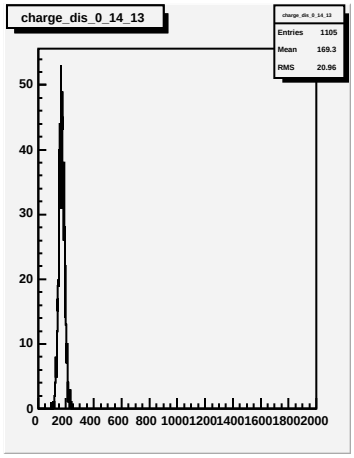
Entries 1105
Mean 317.3
RMS 26.92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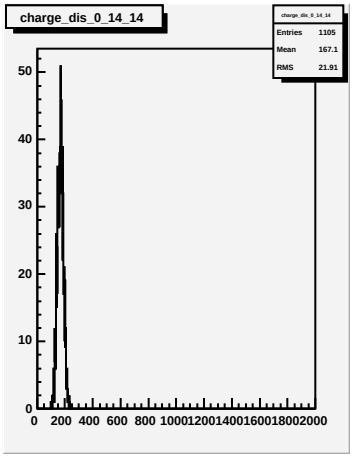
_charge_dis_8_14_13
Entries 1105
Mean 169.3
RMS 20.96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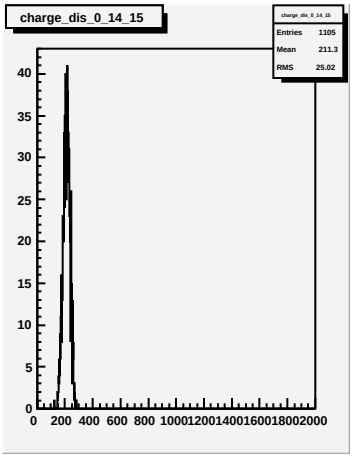
Entries 1105
Mean 167.1
RMS 21.91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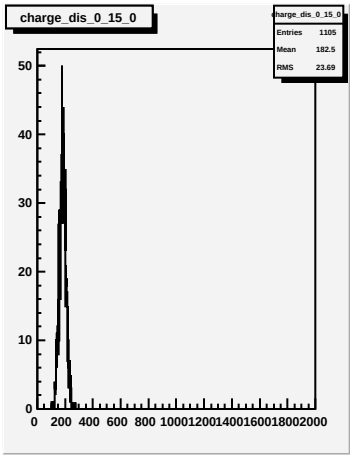
Entries 1105
Mean 211.3
RMS 25.02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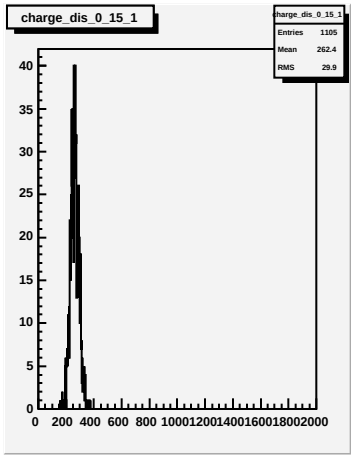
Entries 1105
Mean 182.5
RMS 23.69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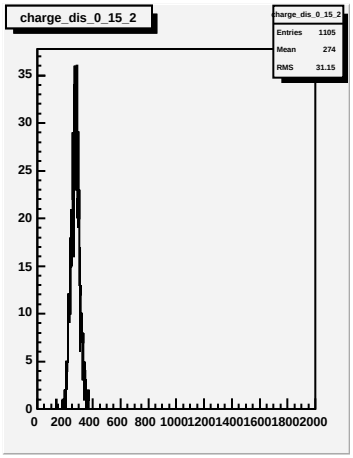
Entries 1105
Mean 262.4
RMS 29.9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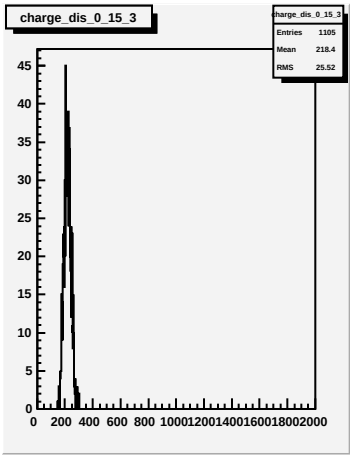
Entries 1105
Mean 274
RMS 31.15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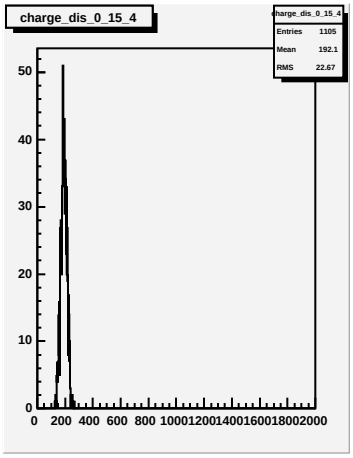
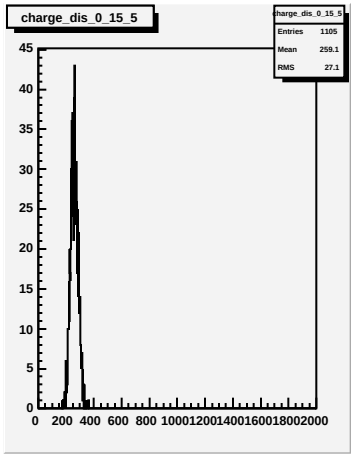
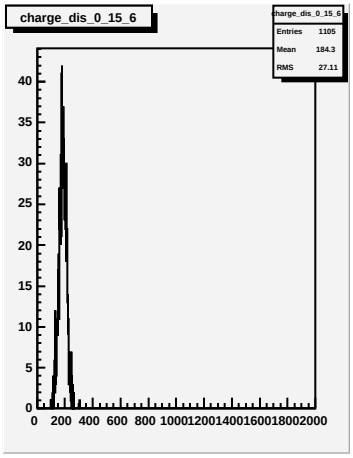
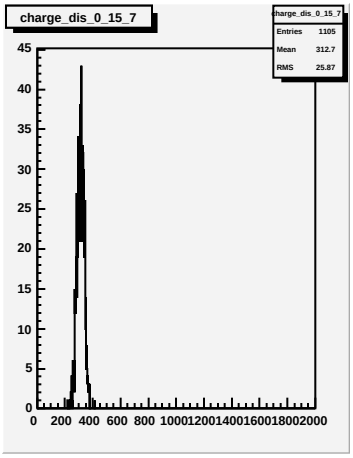
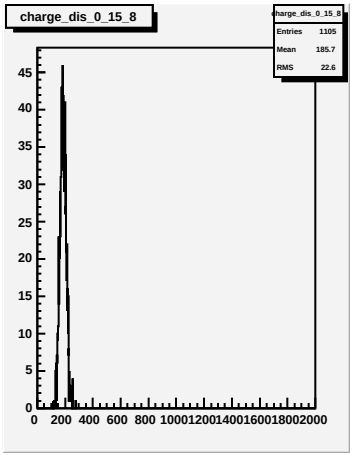
Entries 1105
Mean 218.4
RMS 25.52

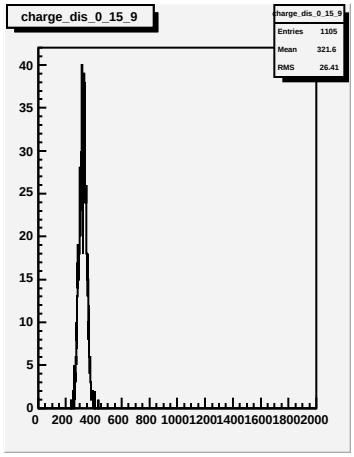

charge_dis_0_15_4
Entries 1105
Mean 192.1
RMS 22.67

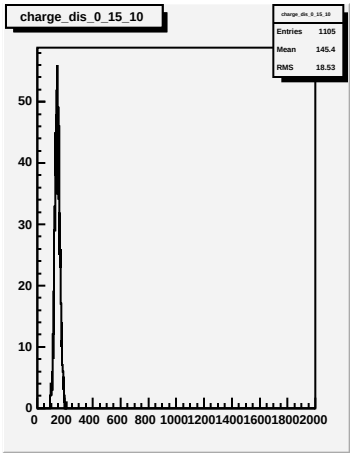

charge_dis_0_15_5
Entries 1105
Mean 259.1
RMS 27.1

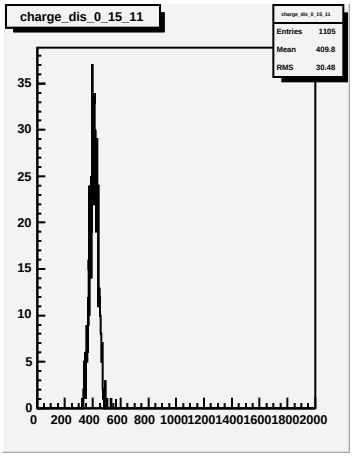

charge_dis_0_15_6
Entries 1105
Mean 184.3
RMS 27.11

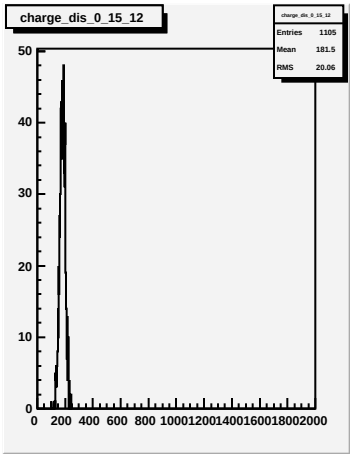

charge_dis_0_15_7
Entries 1105
Mean 312.7
RMS 25.87

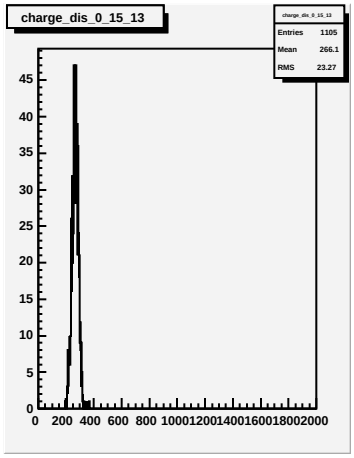

charge_dis_0_15_8
Entries 1105
Mean 185.7
RMS 22.6

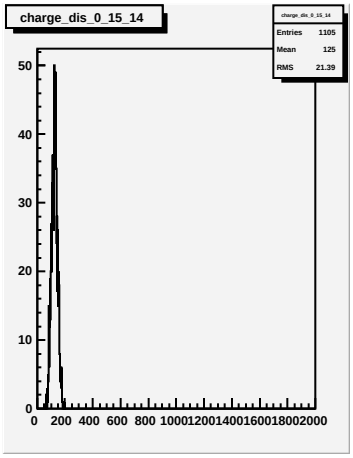

charge_dis_0_15_9
Entries 1105
Mean 321.6
RMS 26.41


charge_dis_0_15_10
Entries 1105
Mean 145.4
RMS 18.53


charge_dis_0_15_11
Entries 1105
Mean 409.8
RMS 30.48


charge_dis_0_15_12
Entries 1105
Mean 181.5
RMS 20.06


charge_dis_0_15_13
Entries 1105
Mean 266.1
RMS 23.27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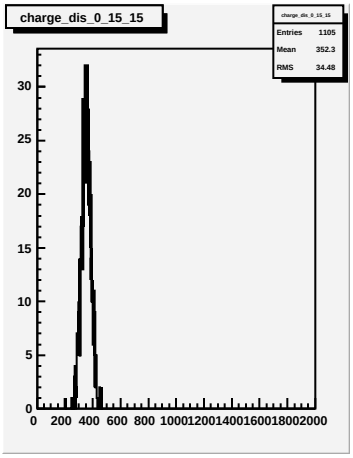
Entries 1105
Mean 125
RMS 21.39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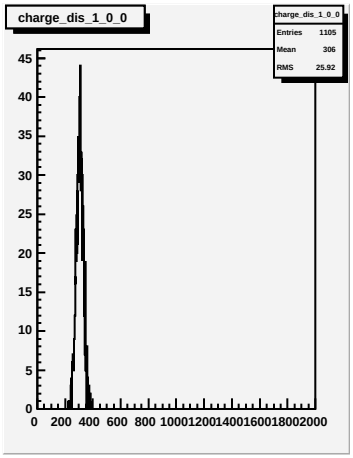
Entries 1105
Mean 352.3
RMS 34.48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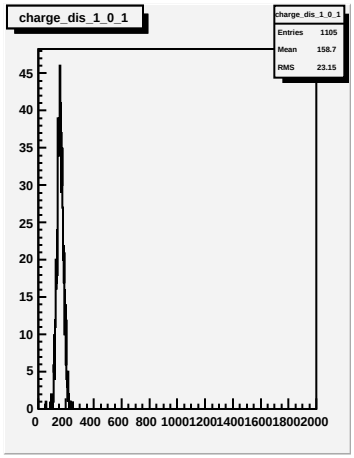
charge_dis_1_0_0
Entries 1105
Mean 306
RMS 25.92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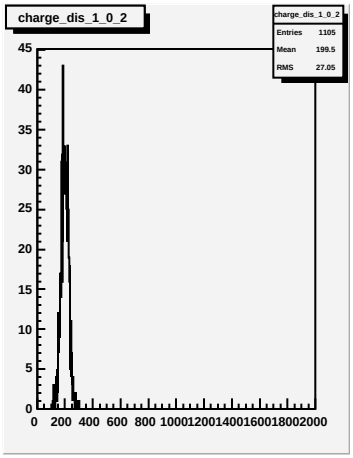
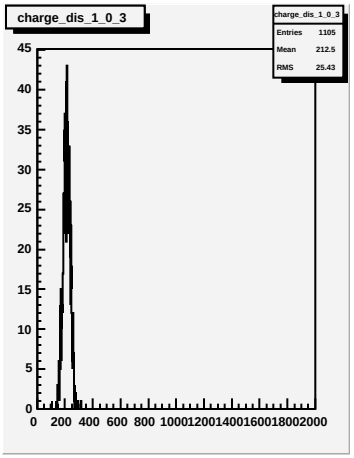
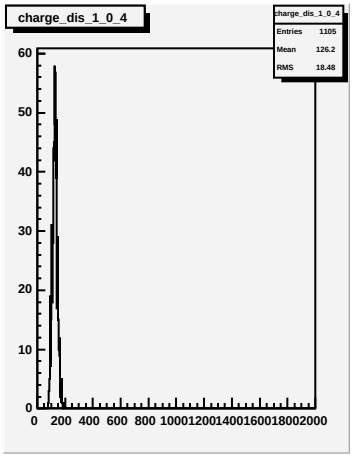
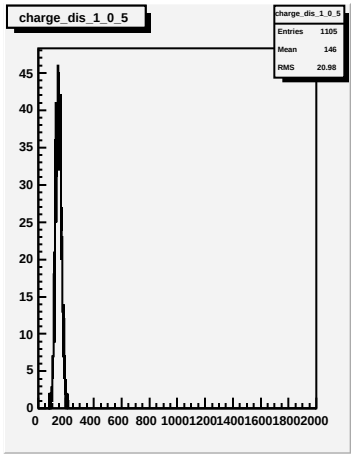
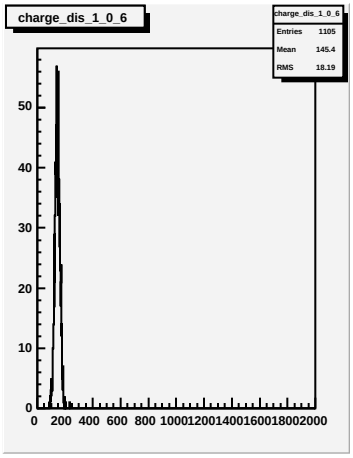
charge_dis_1_0_1
Entries 1105
Mean 158.7
RMS 23.15


charge_dis_1_0_2
charge_dis_1_0_2
Entries 1105
Mean 199.5
RMS 27.05


charge_dis_1_0_3
charge_dis_1_0_3
Entries 1105
Mean 212.5
RMS 25.43


charge_dis_1_0_4
charge_dis_1_0_4
Entries 1105
Mean 126.2
RMS 18.48


charge_dis_1_0_5
charge_dis_1_0_5
Entries 1105
Mean 146
RMS 20.98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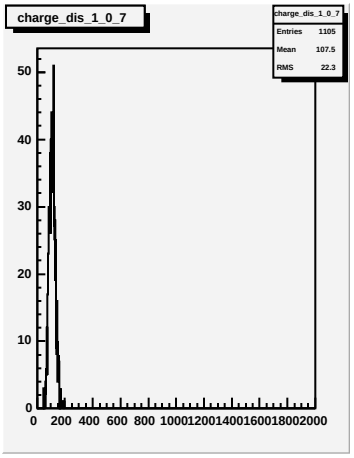
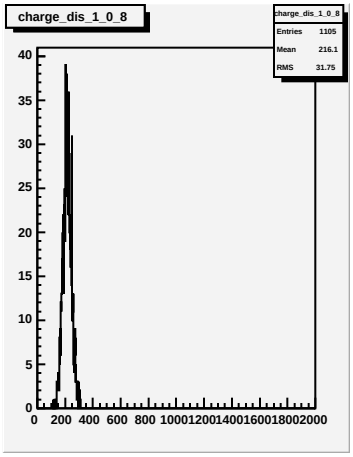
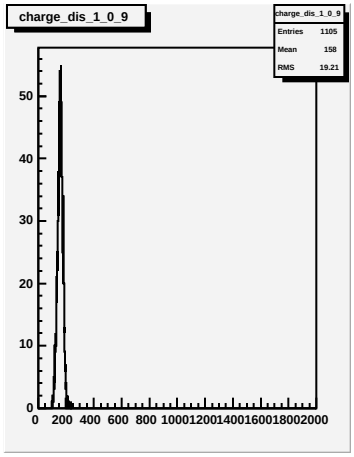
charge_dis_1_0_6
Entries 1105
Mean 145.4
RMS 18.19


charge_dis_1_0_7
charge_dis_1_0_7
Entries 1105
Mean 107.5
RMS 22.3


charge_dis_1_0_8
charge_dis_1_0_8
Entries 1105
Mean 216.1
RMS 31.75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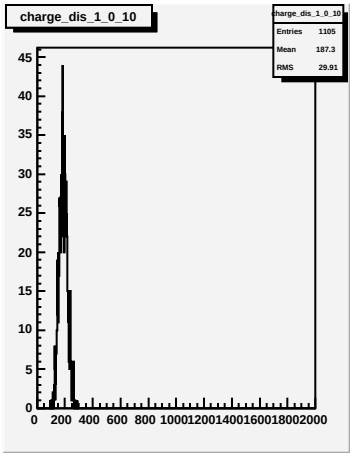
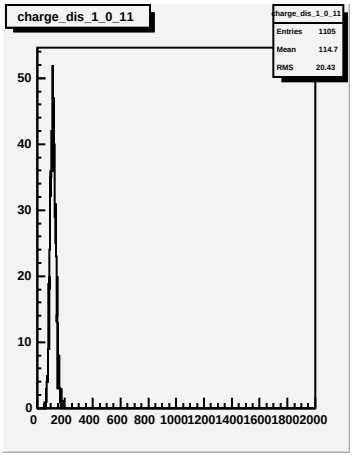
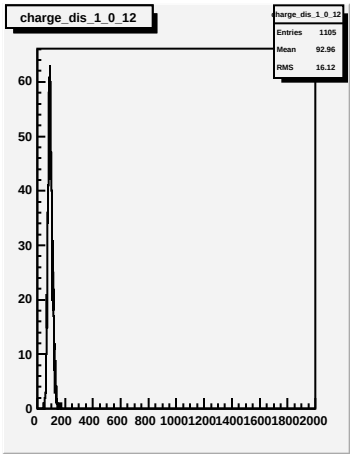
charge_dis_1_0_9
Entries 1105
Mean 158
RMS 19.21


charge_dis_1_0_10
charge_dis_1_0_10
Entries 1105
Mean 187.3
RMS 29.91


charge_dis_1_0_11
charge_dis_1_0_11
Entries 1105
Mean 114.7
RMS 20.43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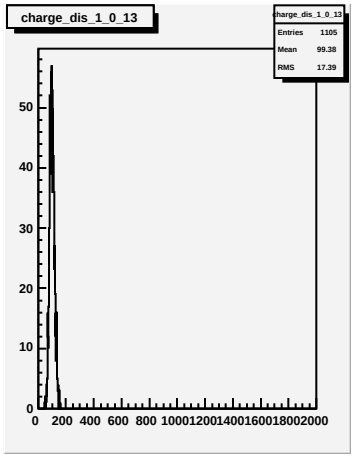
charge_dis_1_0_12
Entries 1105
Mean 92.96
RMS 16.12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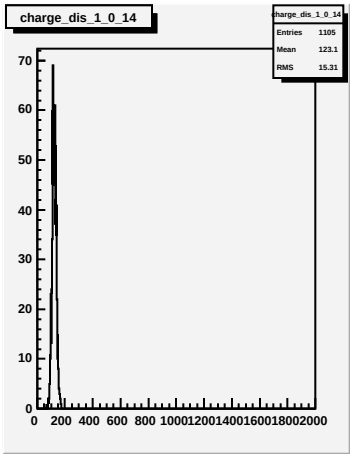
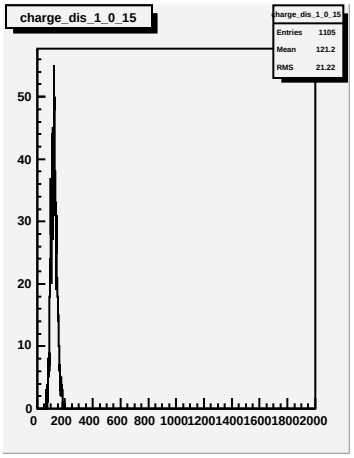
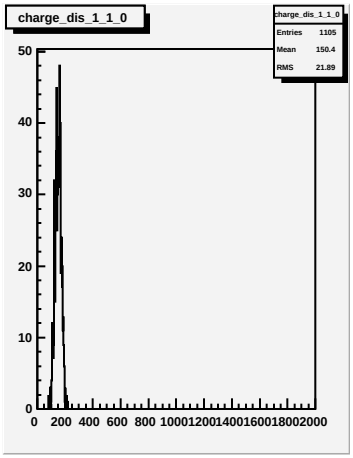
charge_dis_1_0_13
Entries 1105
Mean 99.38
RMS 17.39


charge_dis_1_0_14
charge_dis_1_0_14
Entries 1105
Mean 123.1
RMS 15.31


charge_dis_1_0_15
charge_dis_1_0_15
Entries 1105
Mean 121.2
RMS 21.22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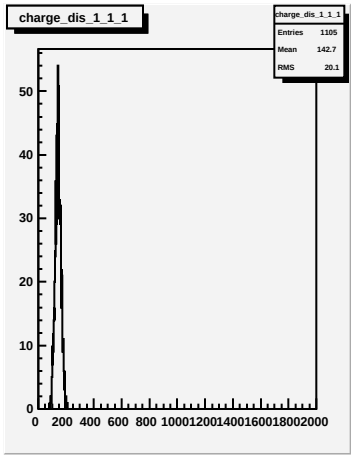
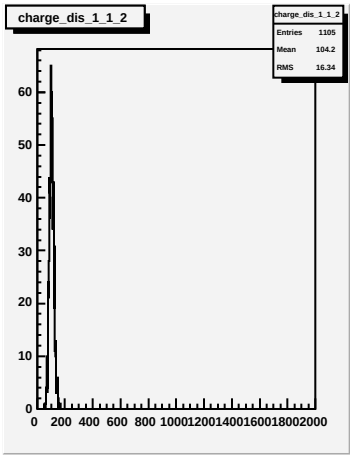
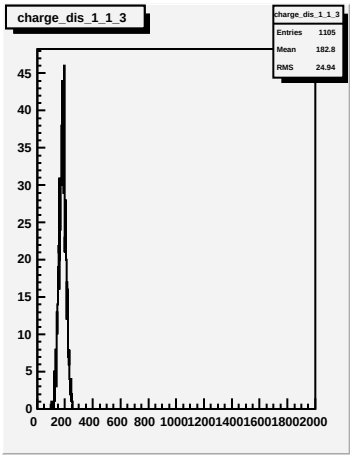
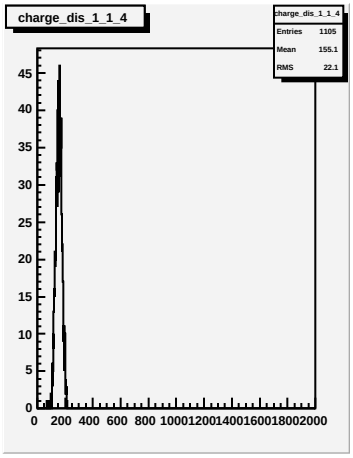
charge_dis_1_1_0
Entries 1105
Mean 150.4
RMS 21.89


charge_dis_1_1_1
charge_dis_1_1_1
Entries 1105
Mean 142.7
RMS 20.1


charge_dis_1_1_2
charge_dis_1_1_2
Entries 1105
Mean 104.2
RMS 16.34


charge_dis_1_1_3
charge_dis_1_1_3
Entries 1105
Mean 182.8
RMS 24.94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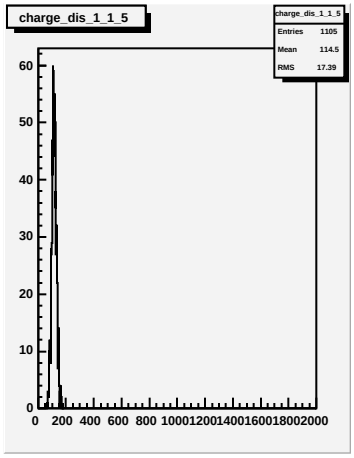
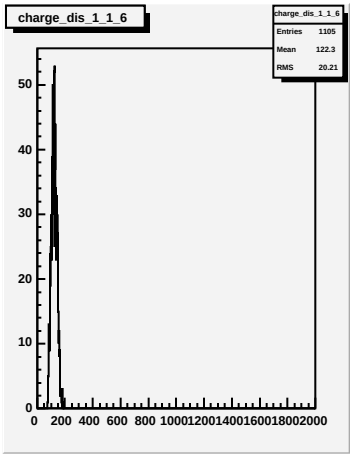
charge_dis_1_1_4
Entries 1105
Mean 155.1
RMS 22.1


charge_dis_1_1_5
charge_dis_1_1_5
Entries 1105
Mean 114.5
RMS 17.39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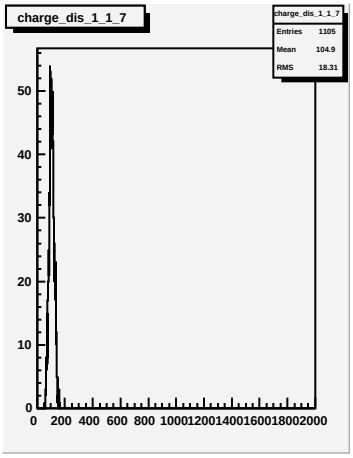
charge_dis_1_1_6
Entries 1105
Mean 122.3
RMS 20.21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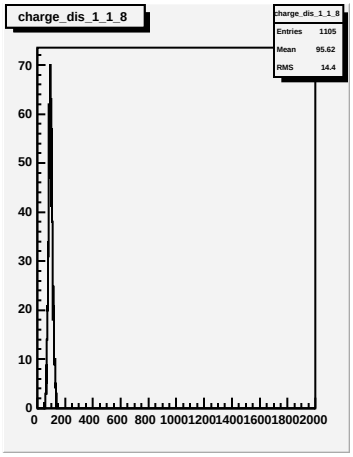
charge_dis_1_1_7
Entries 1105
Mean 104.9
RMS 18.31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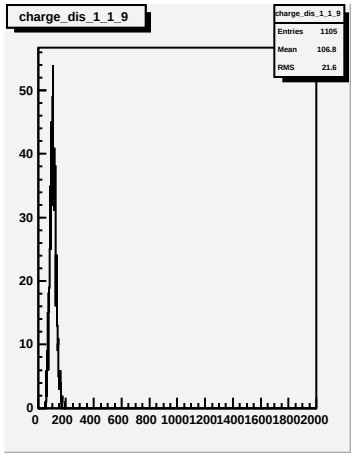
charge_dis_1_1_8
Entries 1105
Mean 95.62
RMS 14.4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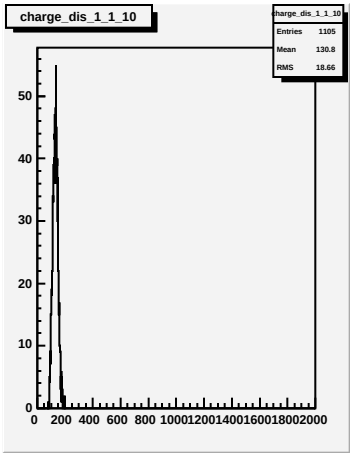
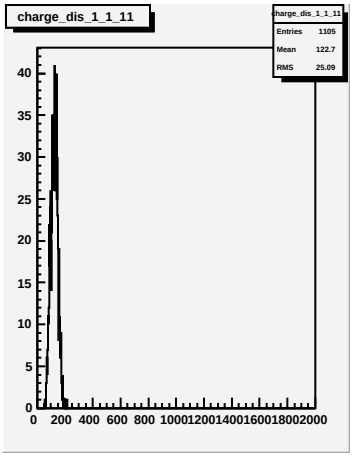
charge_dis_1_1_9
Entries 1105
Mean 106.8
RMS 21.6


charge_dis_1_1_10
charge_dis_1_1_10
Entries 1105
Mean 130.8
RMS 18.66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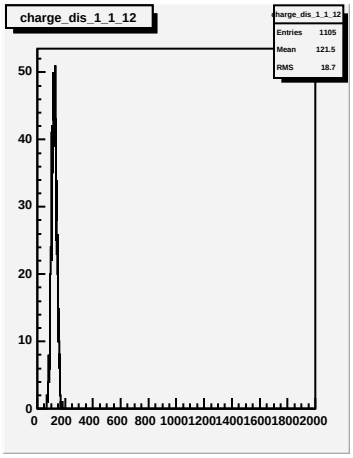
charge_dis_1_1_11
Entries 1105
Mean 122.7
RMS 25.09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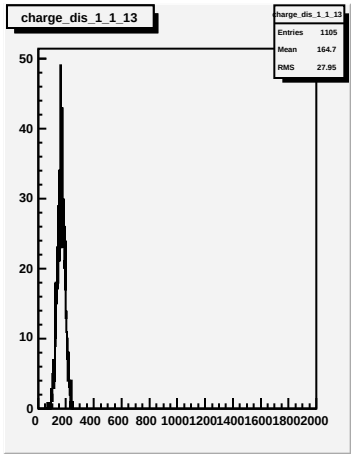
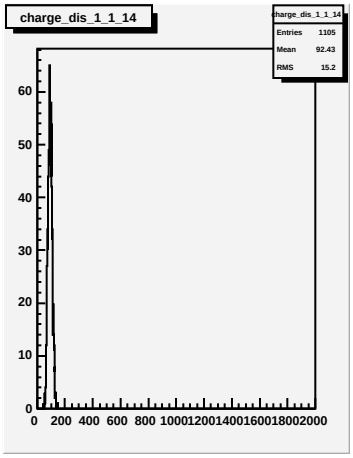
Entries 1105
Mean 121.5
RMS 18.7


charge_dis_1_1_13
charge_dis_1_1_13
Entries 1105
Mean 164.7
RMS 27.95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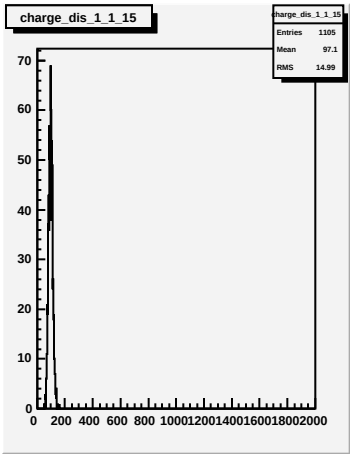
Entries 1105
Mean 92.43
RMS 15.2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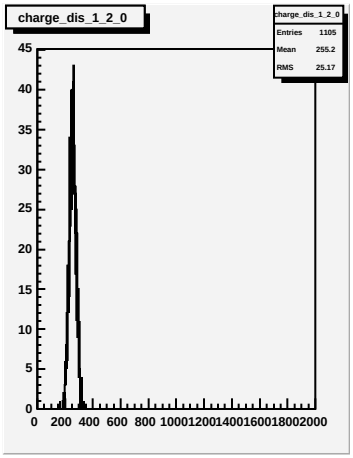
charge_dis_1_1_15
Entries 1105
Mean 97.1
RMS 14.99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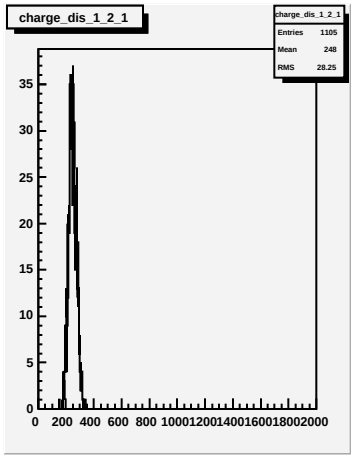
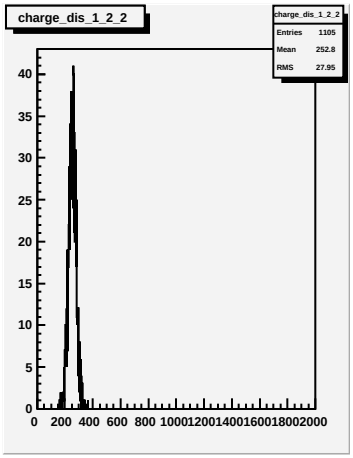
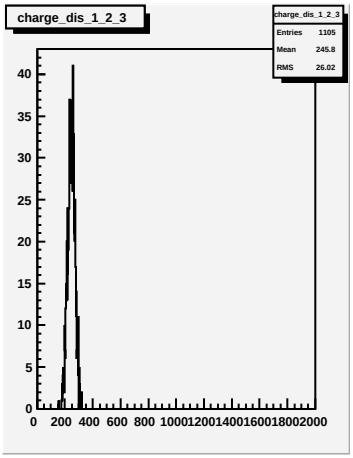
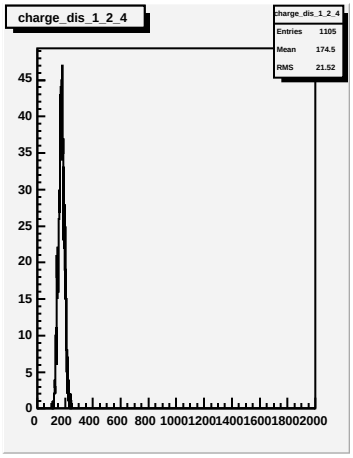
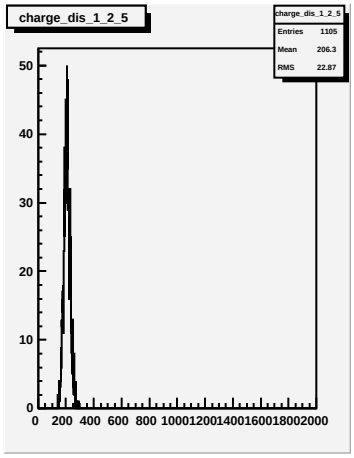
charge_dis_1_2_0
Entries 1105
Mean 255.2
RMS 25.17

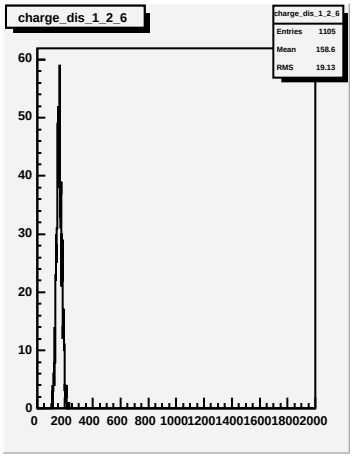

charge_dis_1_2_1
charge_dis_1_2_1
Entries 1105
Mean 248
RMS 28.25

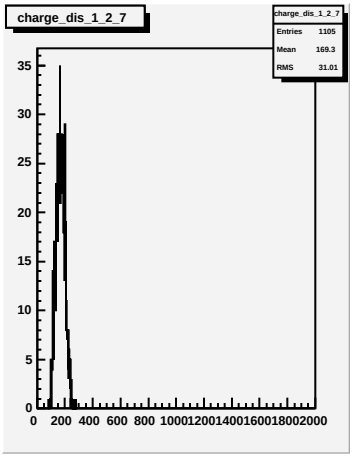

charge_dis_1_2_2
charge_dis_1_2_2
Entries 1105
Mean 252.8
RMS 27.95

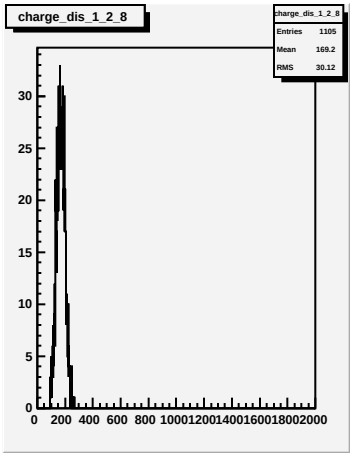

charge_dis_1_2_3
charge_dis_1_2_3
Entries 1105
Mean 245.8
RMS 26.02

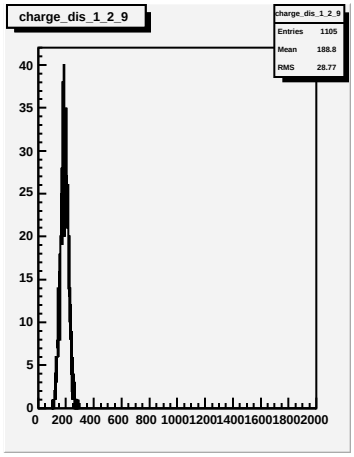

charge_dis_1_2_4
charge_dis_1_2_4
Entries 1105
Mean 174.5
RMS 21.52

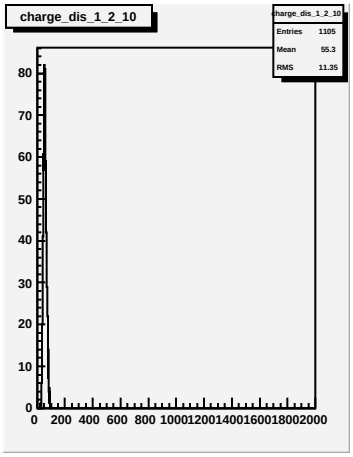

charge_dis_1_2_5
charge_dis_1_2_5
Entries 1105
Mean 206.3
RMS 22.87

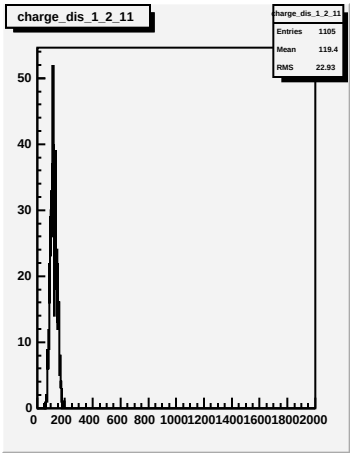

charge_dis_1_2_6
charge_dis_1_2_6
Entries 1105
Mean 158.6
RMS 19.13

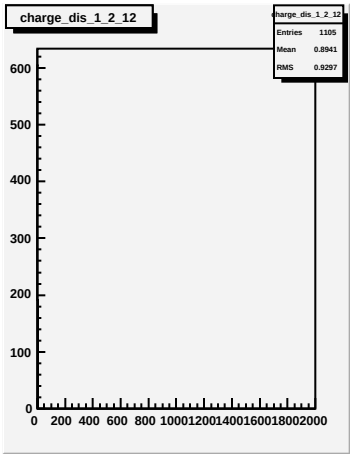

charge_dis_1_2_7
charge_dis_1_2_7
Entries 1105
Mean 169.3
RMS 31.01

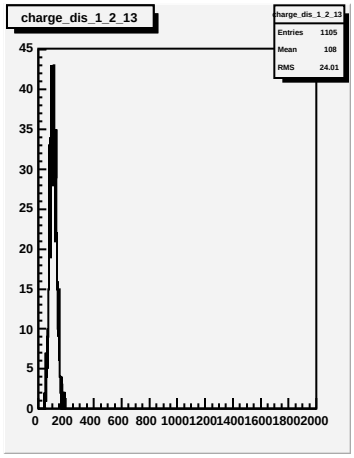

charge_dis_1_2_8
charge_dis_1_2_8
Entries 1105
Mean 169.2
RMS 30.12

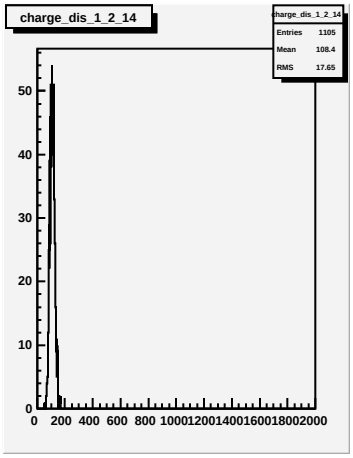

charge_dis_1_2_9
charge_dis_1_2_9
Entries 1105
Mean 188.8
RMS 28.77

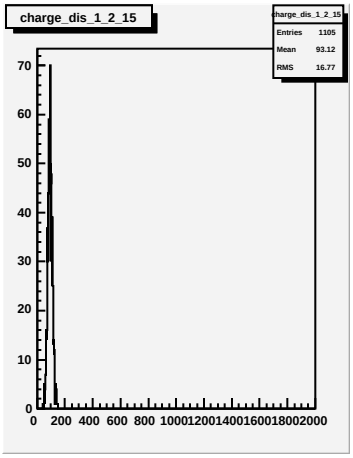

charge_dis_1_2_10
charge_dis_1_2_10
Entries 1105
Mean 55.3
RMS 11.35

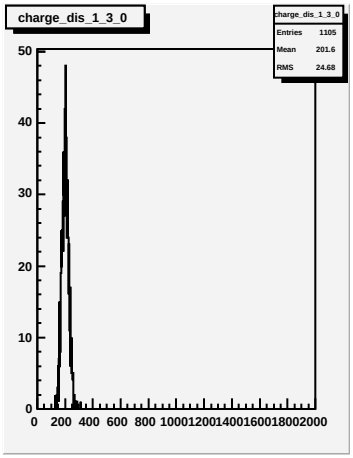

charge_dis_1_2_11
charge_dis_1_2_11
Entries 1105
Mean 119.4
RMS 22.93


charge_dis_1_2_12
charge_dis_1_2_12
Entries 1105
Mean 0.8941
RMS 0.9297


charge_dis_1_2_13
charge_dis_1_2_13
Entries 1105
Mean 108
RMS 24.01


charge_dis_1_2_14
charge_dis_1_2_14
Entries 1105
Mean 108.4
RMS 17.65


charge_dis_1_2_15
charge_dis_1_2_15
Entries 1105
Mean 93.12
RMS 16.77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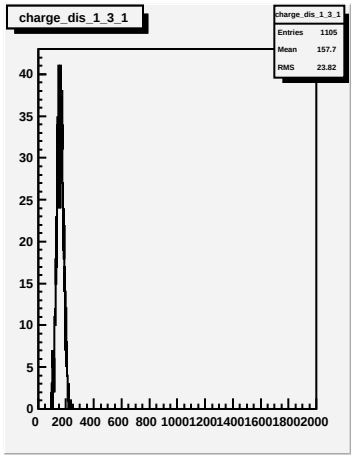
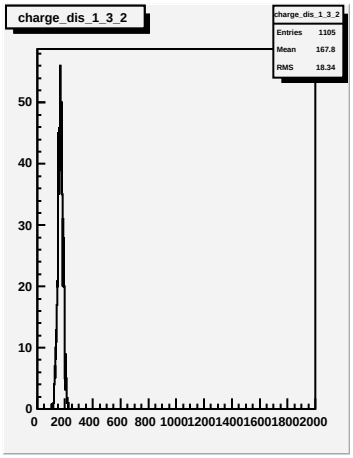
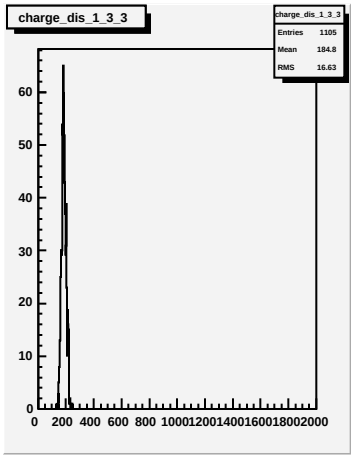
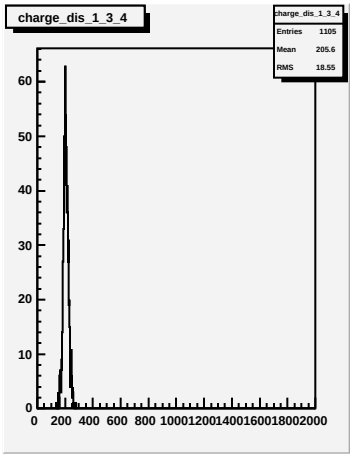
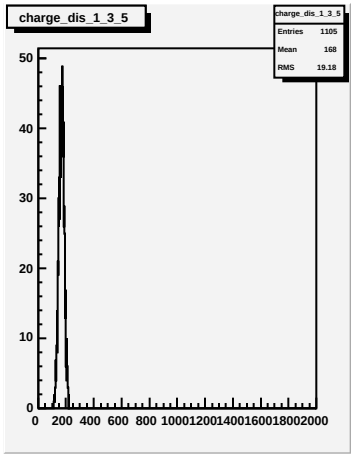
charge_dis_1_3_0
Entries 1105
Mean 201.6
RMS 24.68

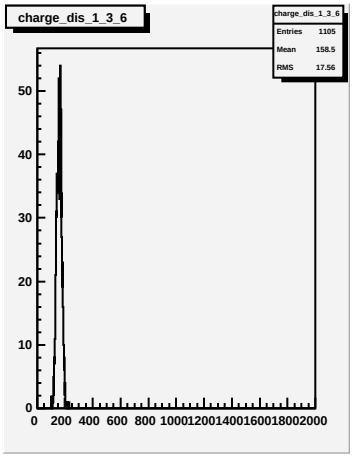

charge_dis_1_3_1
charge_dis_1_3_1
Entries 1105
Mean 157.7
RMS 23.82

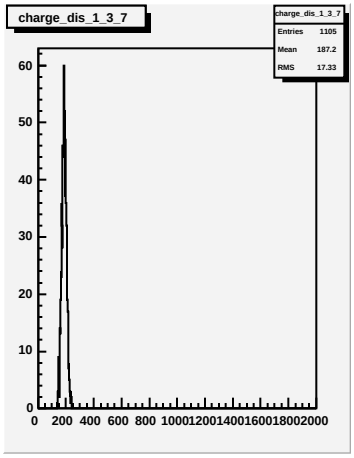

charge_dis_1_3_2
charge_dis_1_3_2
Entries 1105
Mean 167.8
RMS 18.34

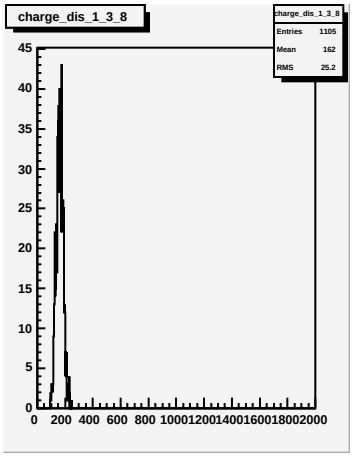

charge_dis_1_3_3
charge_dis_1_3_3
Entries 1105
Mean 184.8
RMS 16.63

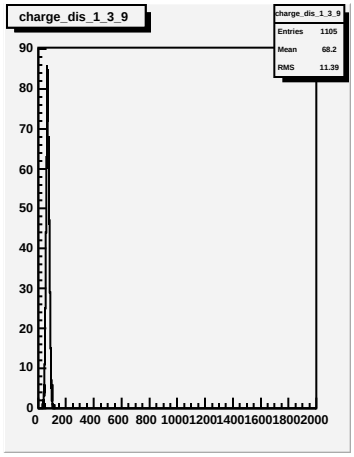

charge_dis_1_3_4
charge_dis_1_3_4
Entries 1105
Mean 205.6
RMS 18.55

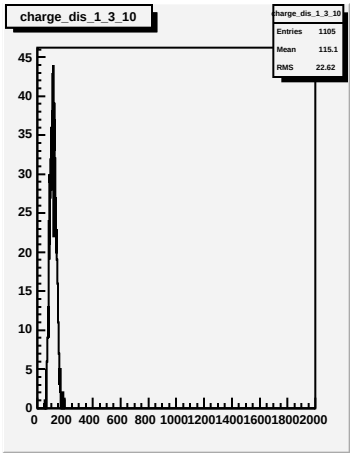

charge_dis_1_3_5
charge_dis_1_3_5
Entries 1105
Mean 168
RMS 19.18

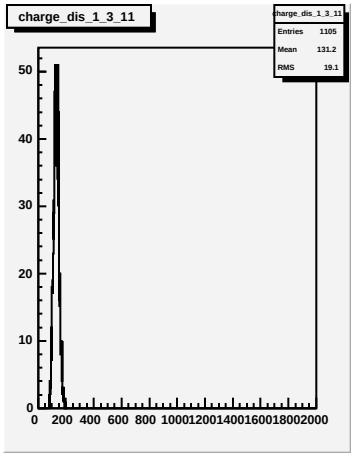

charge_dis_1_3_6
charge_dis_1_3_6
Entries 1105
Mean 158.5
RMS 17.56

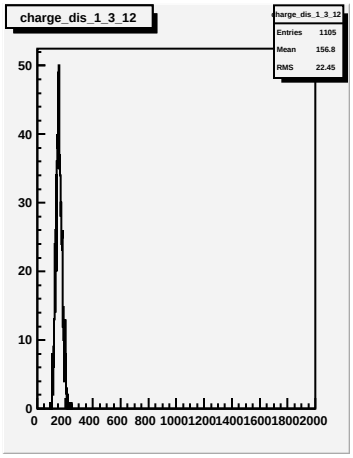

charge_dis_1_3_7
charge_dis_1_3_7
Entries 1105
Mean 187.2
RMS 17.33

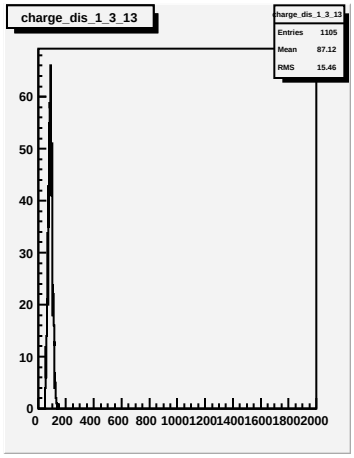

charge_dis_1_3_8
charge_dis_1_3_8
Entries 1105
Mean 162
RMS 25.2

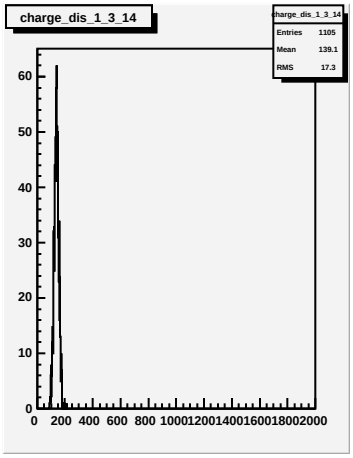

charge_dis_1_3_9
charge_dis_1_3_9
Entries 1105
Mean 68.2
RMS 11.39


charge_dis_1_3_10
charge_dis_1_3_10
Entries 1105
Mean 115.1
RMS 22.62


charge_dis_1_3_11
charge_dis_1_3_11
Entries 1105
Mean 131.2
RMS 19.1


charge_dis_1_3_12
charge_dis_1_3_12
Entries 1105
Mean 156.8
RMS 22.45


charge_dis_1_3_13
charge_dis_1_3_13
Entries 1105
Mean 87.12
RMS 15.46


charge_dis_1_3_14
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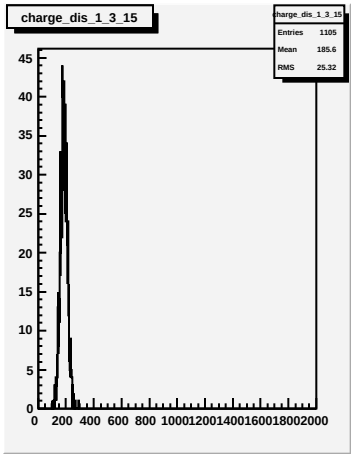
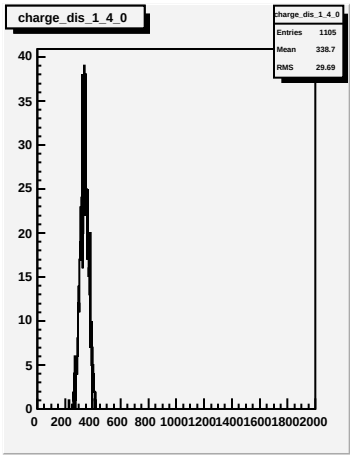
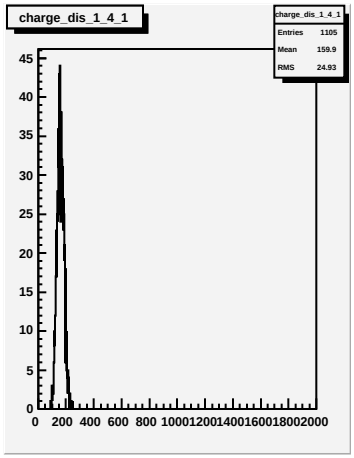
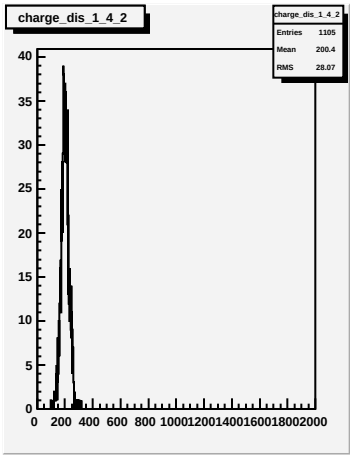
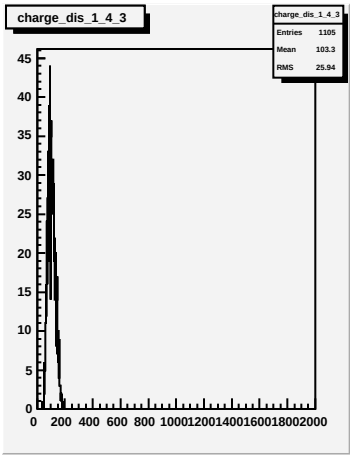
Entries 1105
Mean 139.1
RMS 17.3

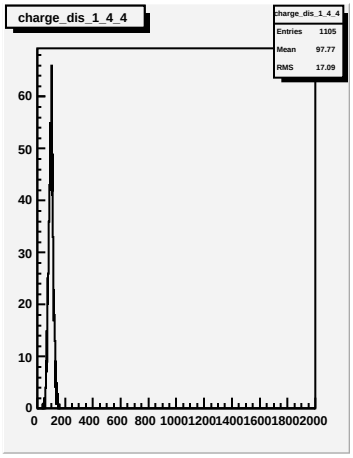

charge_dis_1_3_15
charge_dis_1_3_15
Entries 1105
Mean 185.6
RMS 25.32

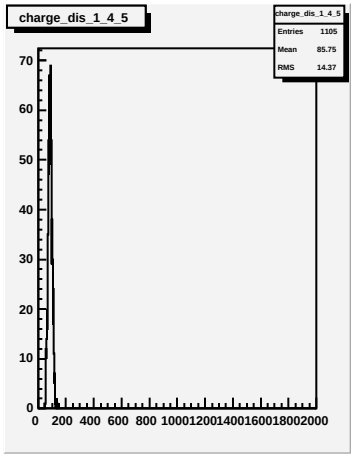

charge_dis_1_4_0
charge_dis_1_4_0
Entries 1105
Mean 338.7
RMS 29.69


charge_dis_1_4_1
charge_dis_1_4_1
Entries 1105
Mean 159.9
RMS 24.93


charge_dis_1_4_2
charge_dis_1_4_2
Entries 1105
Mean 200.4
RMS 28.07


charge_dis_1_4_3
charge_dis_1_4_3
Entries 1105
Mean 103.3
RMS 25.94


charge_dis_1_4_4
charge_dis_1_4_4
Entries 1105
Mean 97.77
RMS 17.09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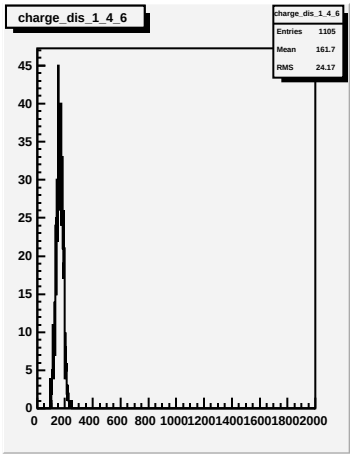
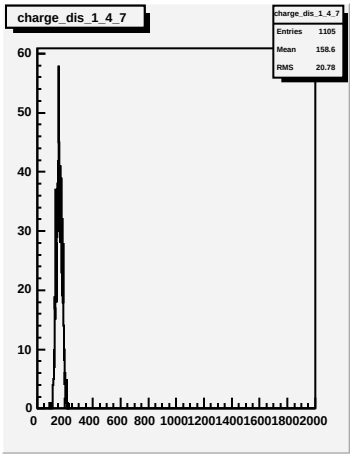
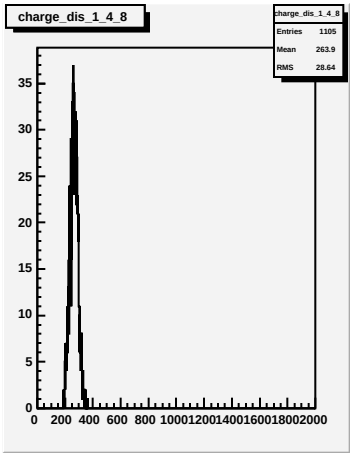
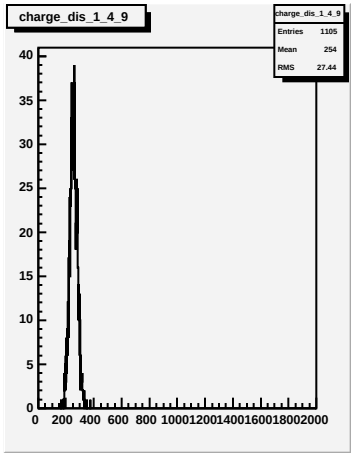
charge_dis_1_4_5
Entries 1105
Mean 85.75
RMS 14.37


charge_dis_1_4_6
charge_dis_1_4_6
Entries 1105
Mean 161.7
RMS 24.17


charge_dis_1_4_7
charge_dis_1_4_7
Entries 1105
Mean 158.6
RMS 20.78


charge_dis_1_4_8
charge_dis_1_4_8
Entries 1105
Mean 263.9
RMS 28.64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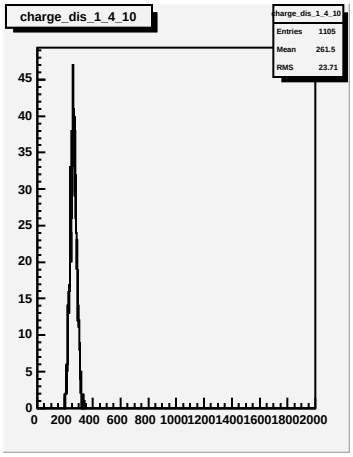
Entries 1105
Mean 254
RMS 27.44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Entries 1105
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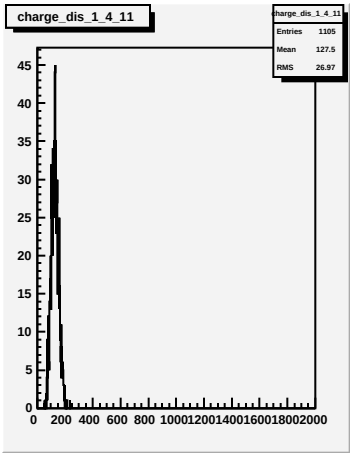
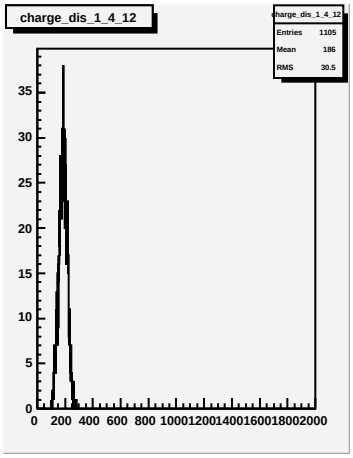
RMS 23.71


charge_dis_1_4_11
charge_dis_1_4_11
Entries 1105
Mean 127.5
RMS 26.97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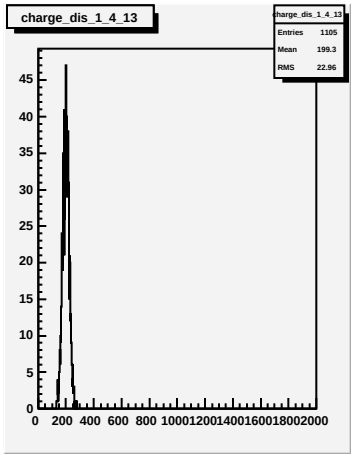
Entries 1105
Mean 186
RMS 30.5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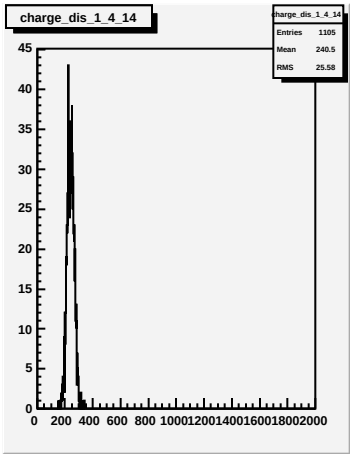
Entries 1105
Mean 199.3
RMS 22.96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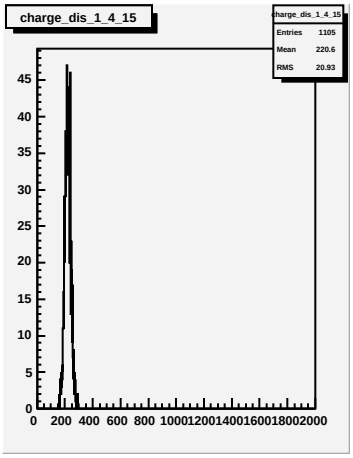
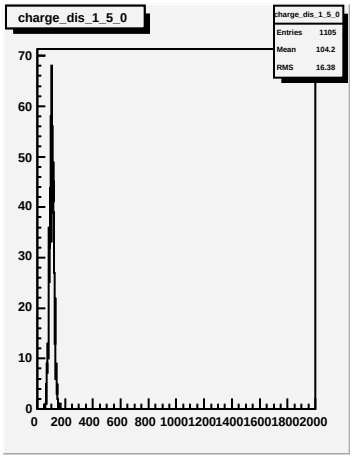
charge_dis_1_4_14
Entries 1105
Mean 240.5
RMS 25.58


charge_dis_1_4_15
charge_dis_1_4_15
Entries 1105
Mean 220.6
RMS 20.93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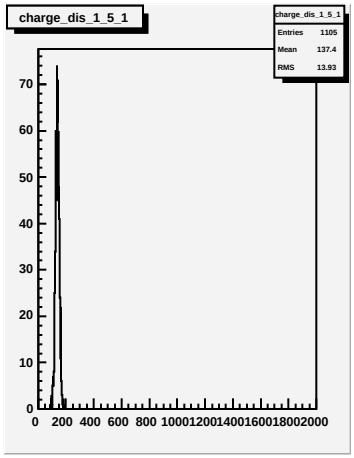
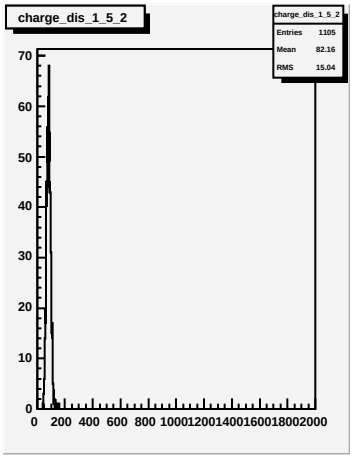
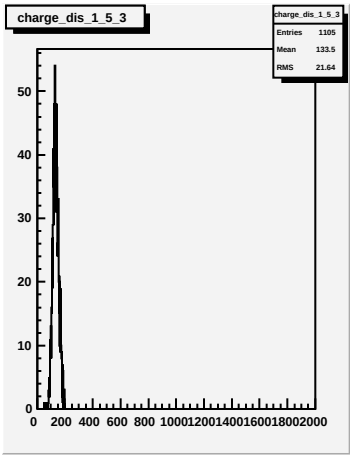
charge_dis_1_5_0
Entries 1105
Mean 104.2
RMS 16.38


charge_dis_1_5_1
charge_dis_1_5_1
Entries 1105
Mean 137.4
RMS 13.93


charge_dis_1_5_2
charge_dis_1_5_2
Entries 1105
Mean 82.16
RMS 15.04


charge_dis_1_5_3
charge_dis_1_5_3
Entries 1105
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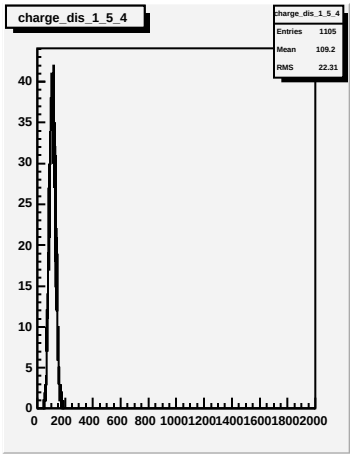
RMS 21.64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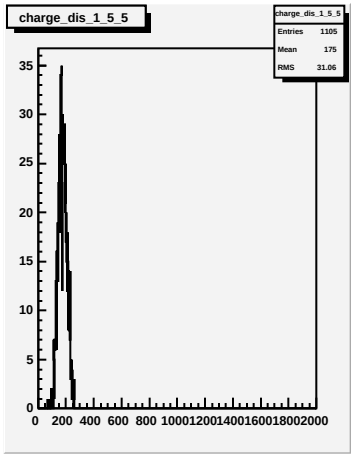
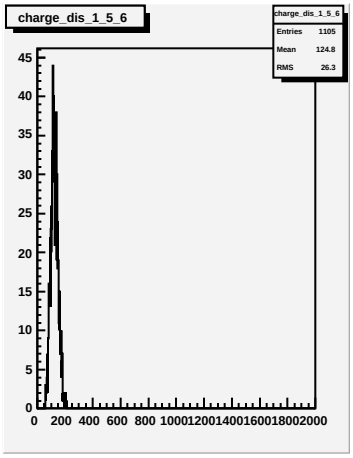
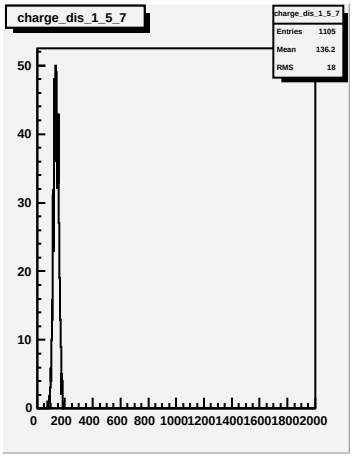
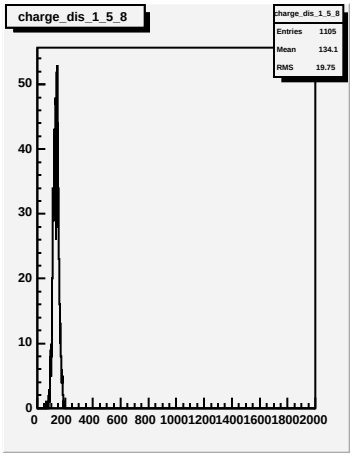
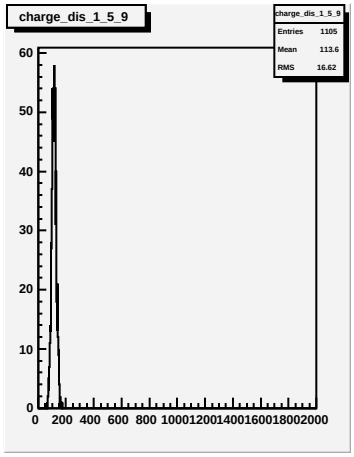
charge_dis_1_5_4
Entries 1105
Mean 109.2
RMS 22.31

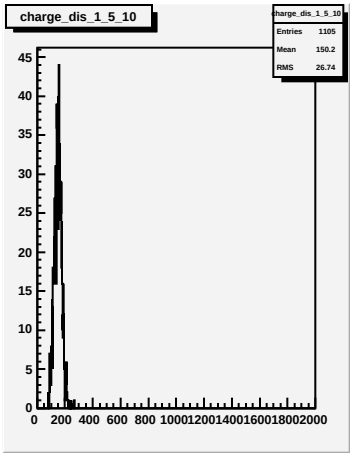

charge_dis_1_5_5
charge_dis_1_5_5
Entries 1105
Mean 175
RMS 31.06

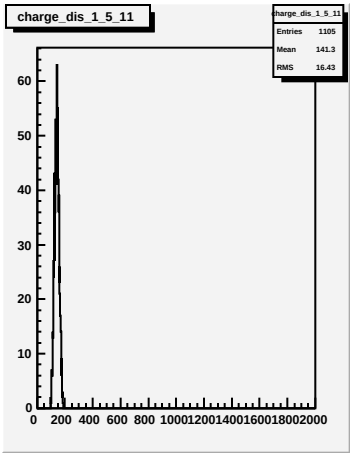

charge_dis_1_5_6
charge_dis_1_5_6
Entries 1105
Mean 124.8
RMS 26.3

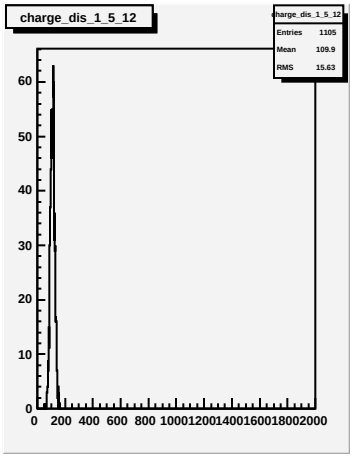

charge_dis_1_5_7
charge_dis_1_5_7
Entries 1105
Mean 136.2
RMS 18

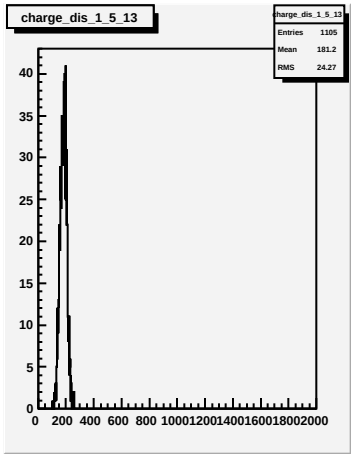

charge_dis_1_5_8
charge_dis_1_5_8
Entries 1105
Mean 134.1
RMS 19.75


charge_dis_1_5_9
charge_dis_1_5_9
Entries 1105
Mean 113.6
RMS 16.62


charge_dis_1_5_10
charge_dis_1_5_10
Entries 1105
Mean 150.2
RMS 26.74


charge_dis_1_5_11
charge_dis_1_5_11
Entries 1105
Mean 141.3
RMS 16.43


charge_dis_1_5_12
charge_dis_1_5_12
Entries 1105
Mean 109.9
RMS 15.63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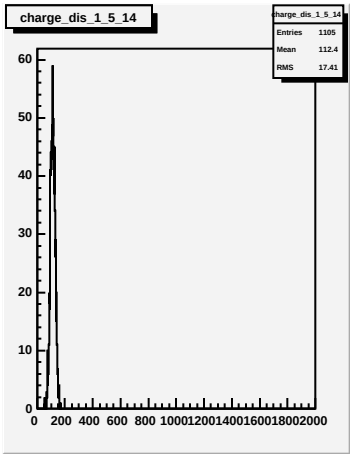
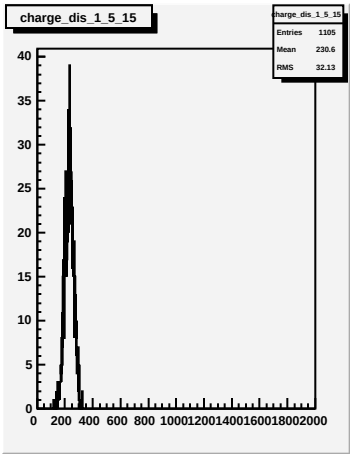
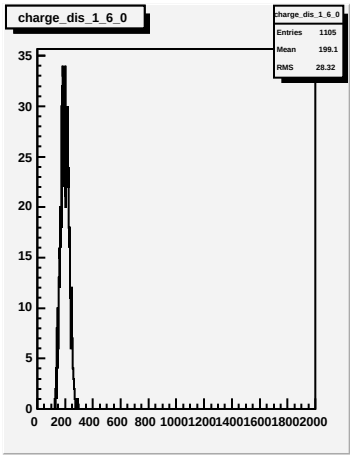
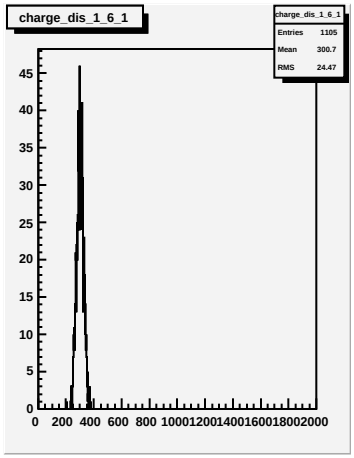
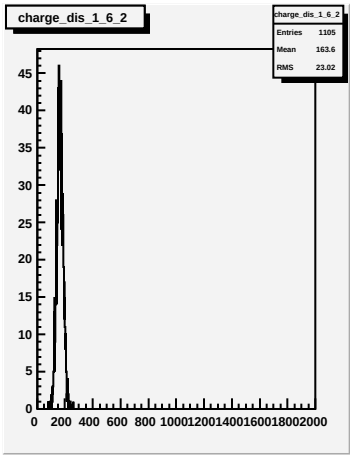
charge_dis_1_5_13
Entries 1105
Mean 181.2
RMS 24.27

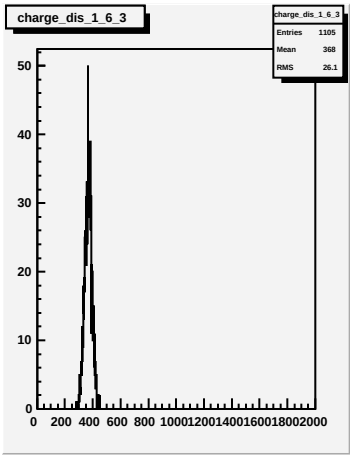

charge_dis_1_5_14
charge_dis_1_5_14
Entries 1105
Mean 112.4
RMS 17.41

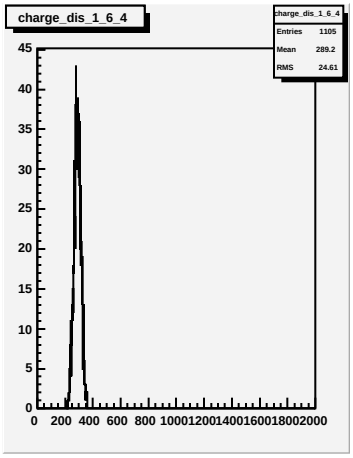

charge_dis_1_5_15
charge_dis_1_5_15
Entries 1105
Mean 230.6
RMS 32.13

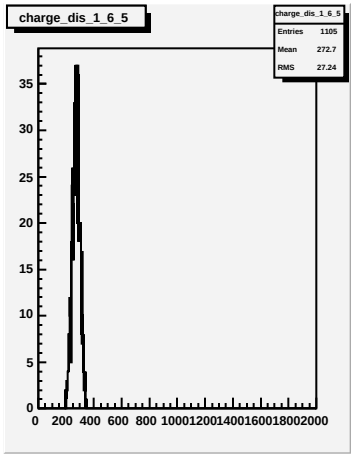

charge_dis_1_6_0
charge_dis_1_6_0
Entries 1105
Mean 199.1
RMS 28.32

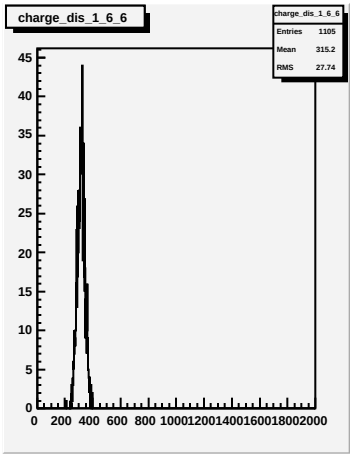

charge_dis_1_6_1
charge_dis_1_6_1
Entries 1105
Mean 300.7
RMS 24.47

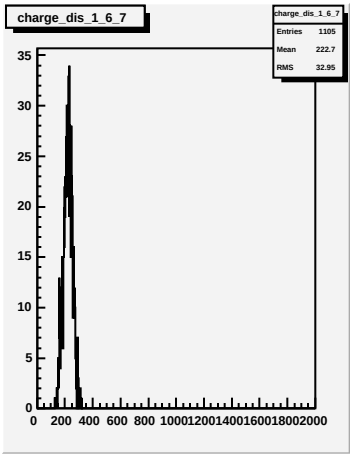

charge_dis_1_6_2
charge_dis_1_6_2
Entries 1105
Mean 163.6
RMS 23.02


charge_dis_1_6_3
charge_dis_1_6_3
Entries 1105
Mean 368
RMS 26.1


charge_dis_1_6_4
charge_dis_1_6_4
Entries 1105
Mean 289.2
RMS 24.61


charge_dis_1_6_5
charge_dis_1_6_5
Entries 1105
Mean 272.7
RMS 27.24


charge_dis_1_6_6
charge_dis_1_6_6
Entries 1105
Mean 315.2
RMS 27.74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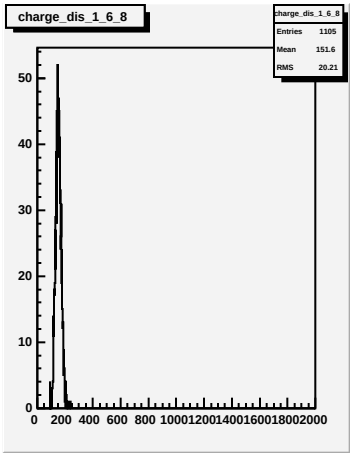
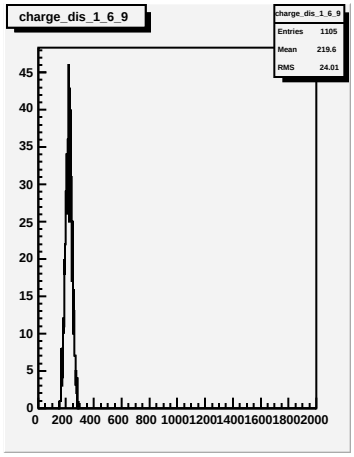
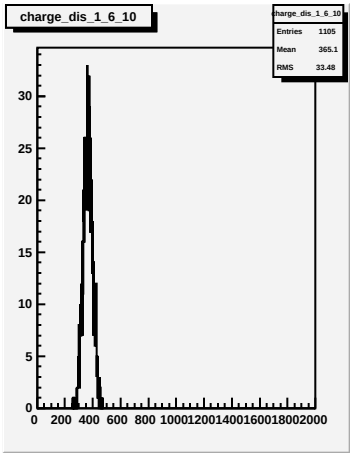
charge_dis_1_6_7
Entries 1105
Mean 222.7
RMS 32.95


charge_dis_1_6_8
charge_dis_1_6_8
Entries 1105
Mean 151.6
RMS 20.21


charge_dis_1_6_9
charge_dis_1_6_9
Entries 1105
Mean 219.6
RMS 24.01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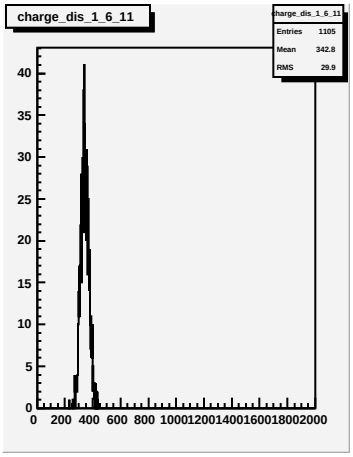
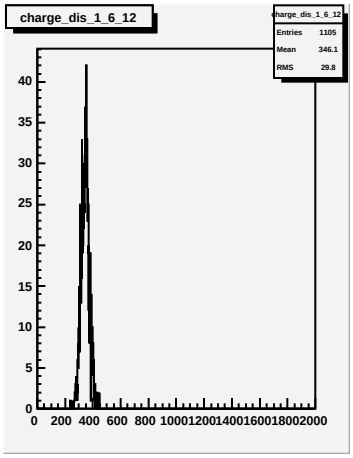
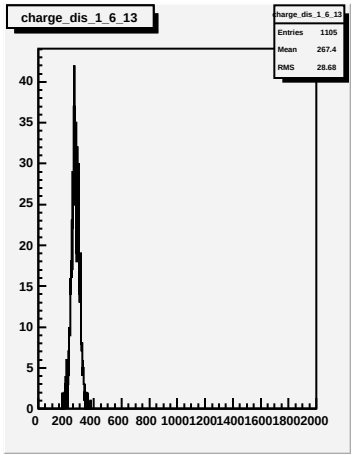
charge_dis_1_6_10
Entries 1105
Mean 365.1
RMS 33.48


charge_dis_1_6_11
charge_dis_1_6_11
Entries 1105
Mean 342.8
RMS 29.9


charge_dis_1_6_12
charge_dis_1_6_12
Entries 1105
Mean 346.1
RMS 29.8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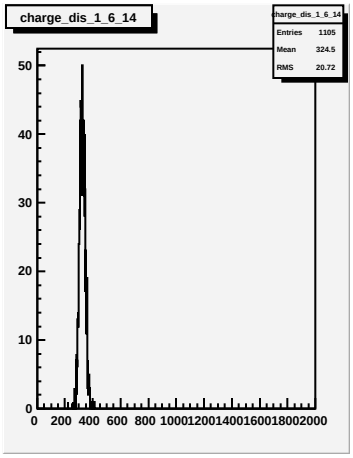
charge_dis_1_6_13
Entries 1105
Mean 267.4
RMS 28.68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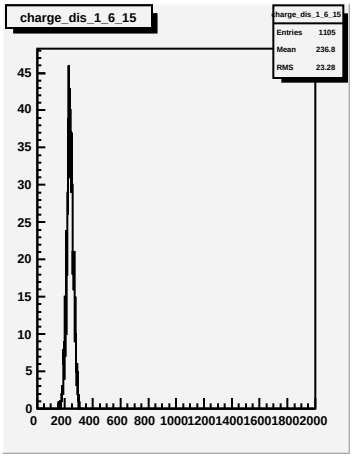
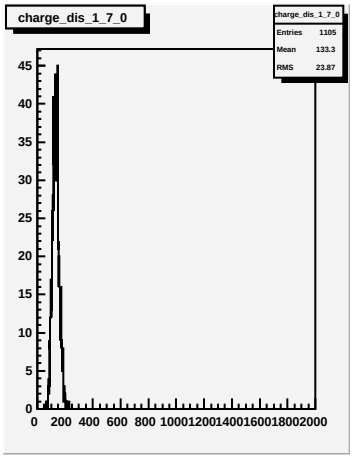
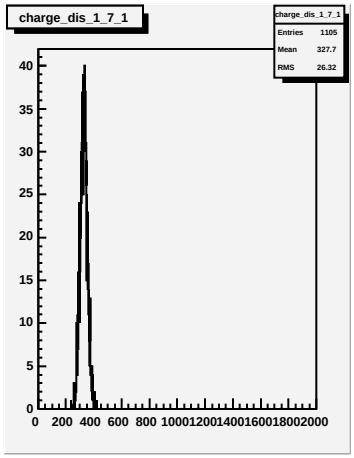
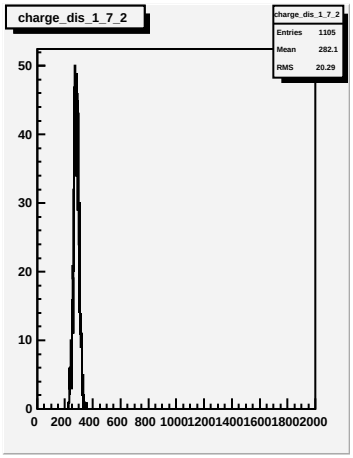
charge_dis_1_6_14
Entries 1105
Mean 324.5
RMS 20.72


charge_dis_1_6_15
charge_dis_1_6_15
Entries 1105
Mean 236.8
RMS 23.28


charge_dis_1_7_0
charge_dis_1_7_0
Entries 1105
Mean 133.3
RMS 23.87


charge_dis_1_7_1
charge_dis_1_7_1
Entries 1105
Mean 327.7
RMS 26.32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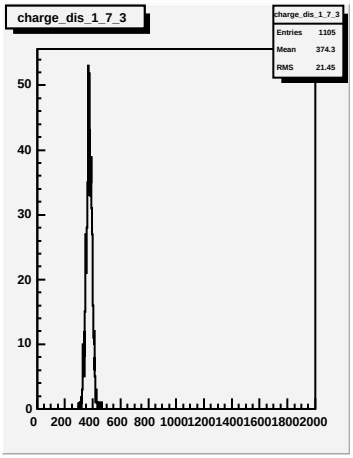
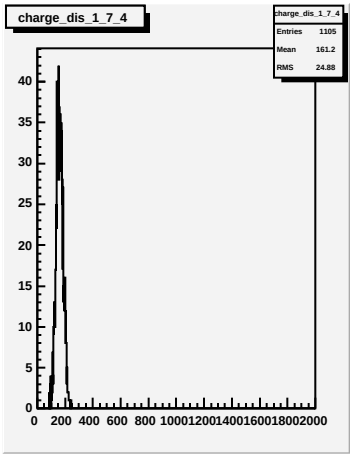
charge_dis_1_7_2
Entries 1105
Mean 282.1
RMS 20.29


charge_dis_1_7_3
charge_dis_1_7_3
Entries 1105
Mean 374.3
RMS 21.45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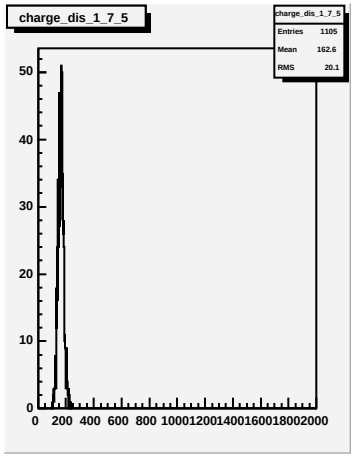
charge_dis_1_7_4
Entries 1105
Mean 161.2
RMS 24.88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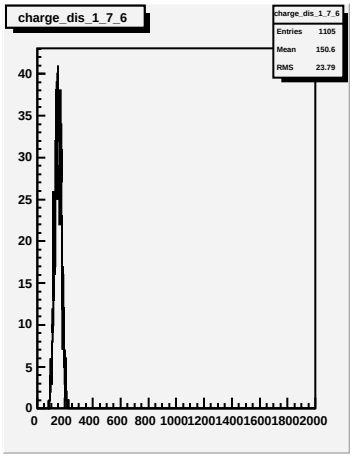
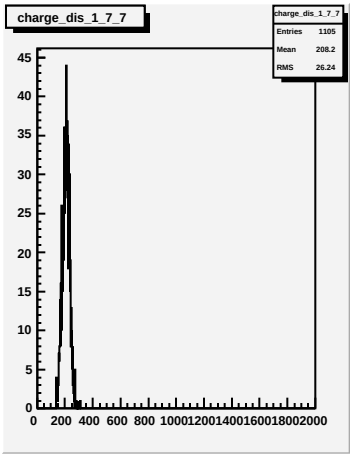
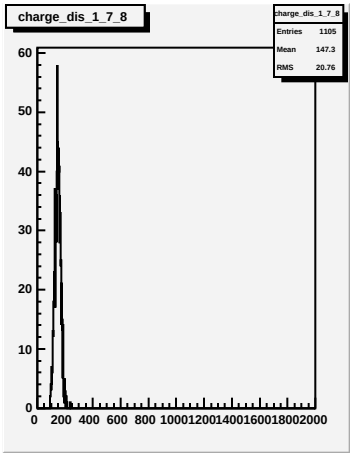
charge_dis_1_7_5
Entries 1105
Mean 162.6
RMS 20.1


charge_dis_1_7_6
charge_dis_1_7_6
Entries 1105
Mean 150.6
RMS 23.79


charge_dis_1_7_7
charge_dis_1_7_7
Entries 1105
Mean 208.2
RMS 26.24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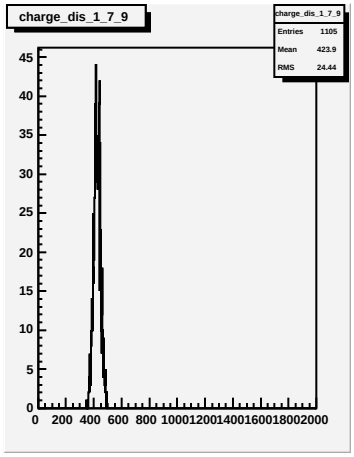
Entries 1105
Mean 147.3
RMS 20.76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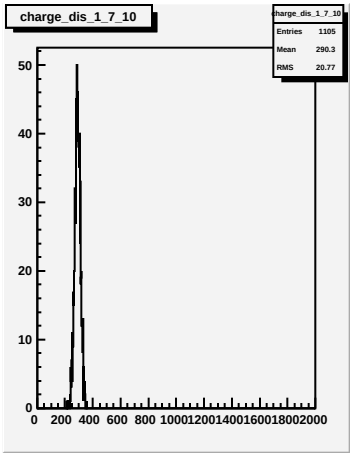
charge_dis_1_7_9
Entries 1105
Mean 423.9
RMS 24.44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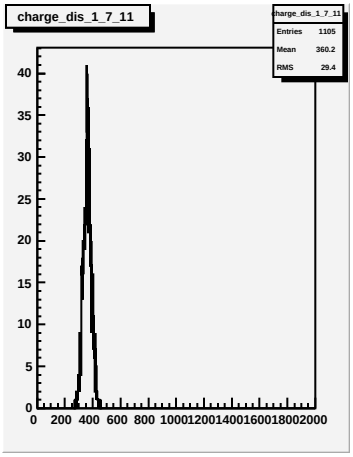
charge_dis_1_7_10
Entries 1105
Mean 290.3
RMS 20.77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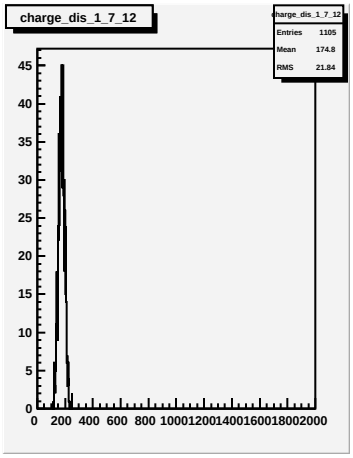
Entries 1105
Mean 360.2
RMS 29.4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Entries 1105
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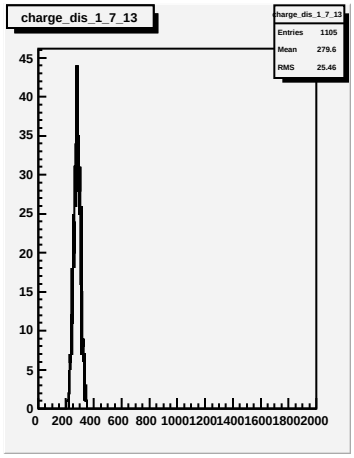
RMS 21.84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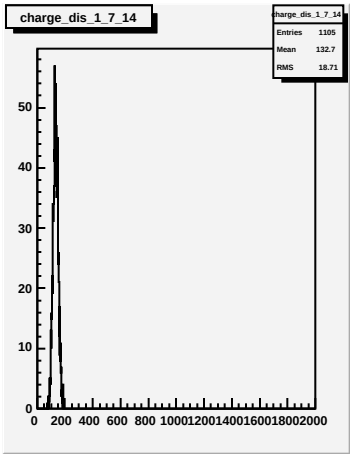
charge_dis_1_7_13
Entries 1105
Mean 279.6
RMS 25.46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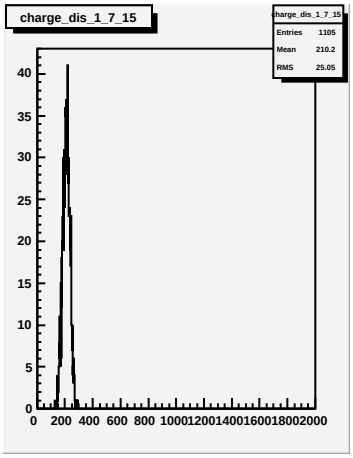
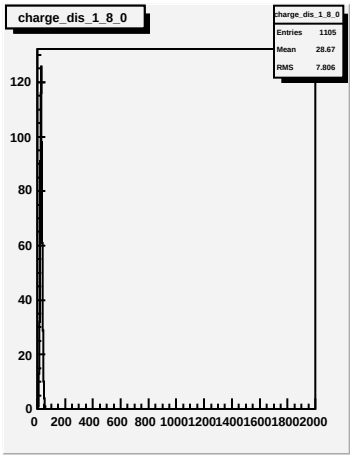
charge_dis_1_7_14
Entries 1105
Mean 132.7
RMS 18.71


charge_dis_1_7_15
charge_dis_1_7_15
Entries 1105
Mean 210.2
RMS 25.05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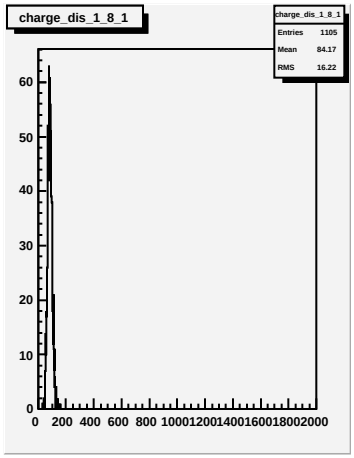
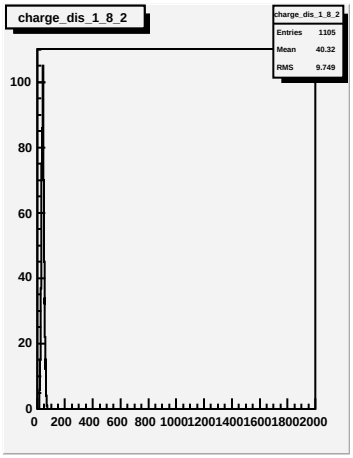
charge_dis_1_8_0
Entries 1105
Mean 28.67
RMS 7.806


charge_dis_1_8_1
charge_dis_1_8_1
Entries 1105
Mean 84.17
RMS 16.22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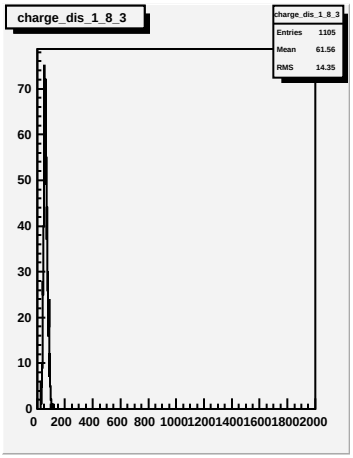
charge_dis_1_8_2
Entries 1105
Mean 40.32
RMS 9.749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charge_dis_1_8_3
Entries 1105
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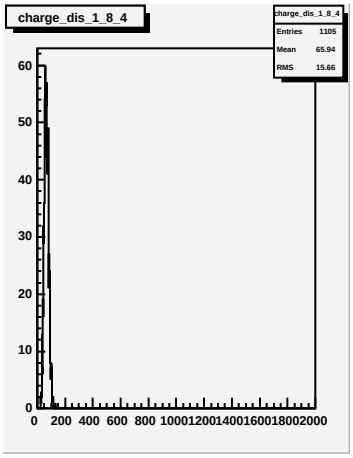
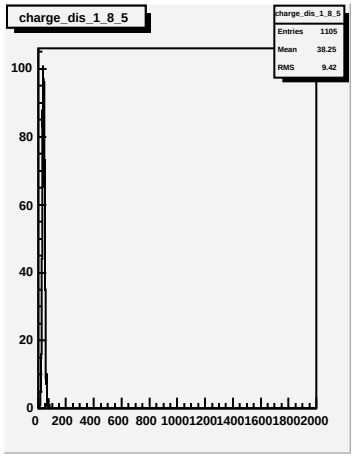
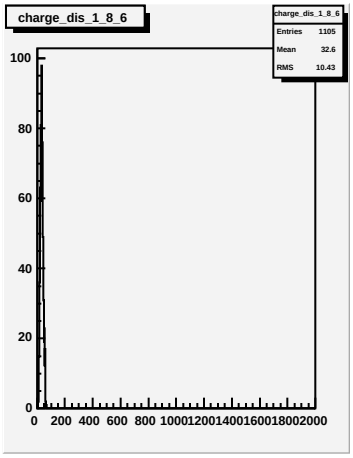
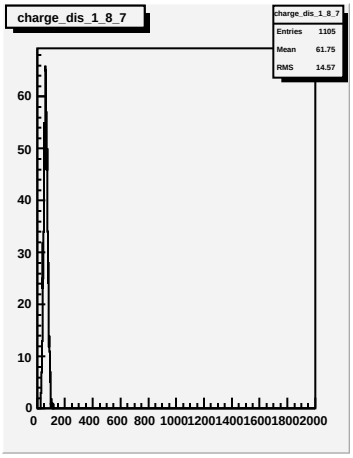
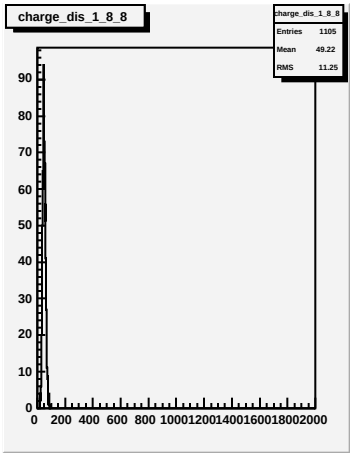
RMS 14.35

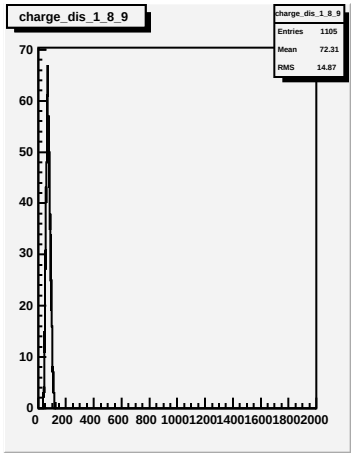

charge_dis_1_8_4
charge_dis_1_8_4
Entries 1105
Mean 65.94
RMS 15.66


charge_dis_1_8_5
charge_dis_1_8_5
Entries 1105
Mean 38.25
RMS 9.42


charge_dis_1_8_6
charge_dis_1_8_6
Entries 1105
Mean 32.6
RMS 10.43


charge_dis_1_8_7
charge_dis_1_8_7
Entries 1105
Mean 61.75
RMS 14.57


charge_dis_1_8_8
charge_dis_1_8_8
Entries 1105
Mean 49.22
RMS 11.25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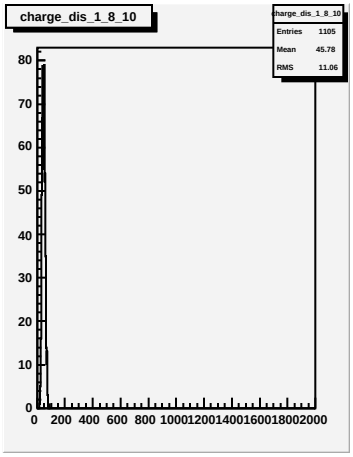
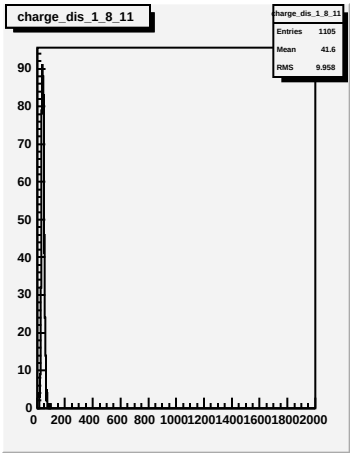
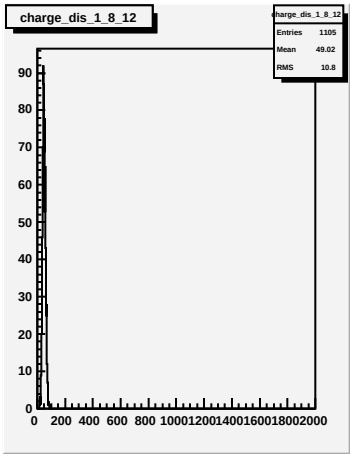
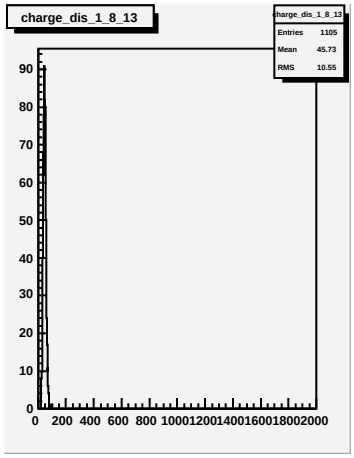
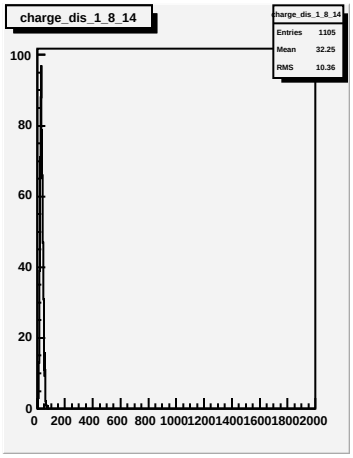
charge_dis_1_8_9
Entries 1105
Mean 72.31
RMS 14.87

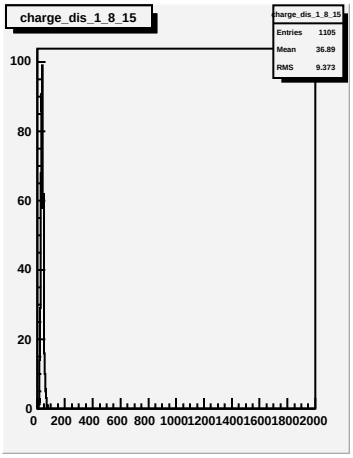

charge_dis_1_8_10
charge_dis_1_8_10
Entries 1105
Mean 45.78
RMS 11.06


charge_dis_1_8_11
charge_dis_1_8_11
Entries 1105
Mean 41.6
RMS 9.958


charge_dis_1_8_12
charge_dis_1_8_12
Entries 1105
Mean 49.02
RMS 10.8


charge_dis_1_8_13
charge_dis_1_8_13
Entries 1105
Mean 45.73
RMS 10.55


charge_dis_1_8_14
charge_dis_1_8_14
Entries 1105
Mean 32.25
RMS 10.36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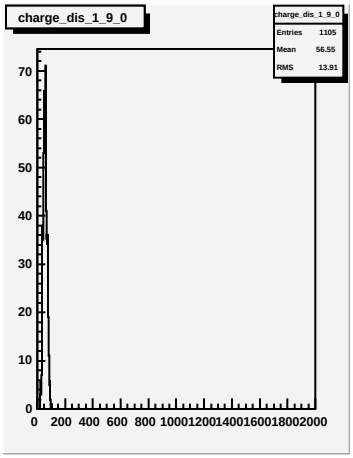
charge_dis_1_8_15
Entries 1105
Mean 36.89
RMS 9.373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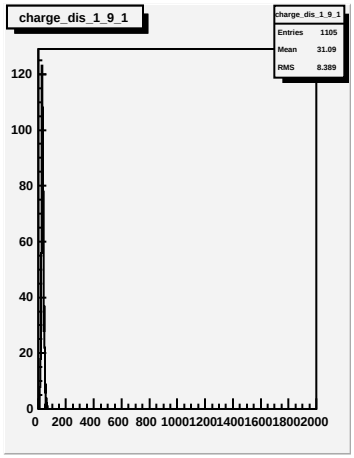
charge_dis_1_9_0
Entries 1105
Mean 56.55
RMS 13.91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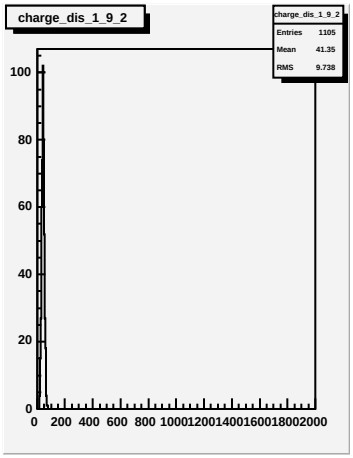
charge_dis_1_9_1
Entries 1105
Mean 31.09
RMS 8.389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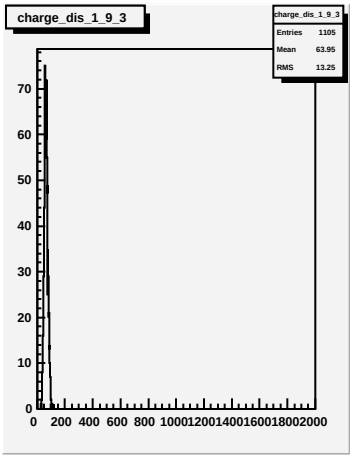
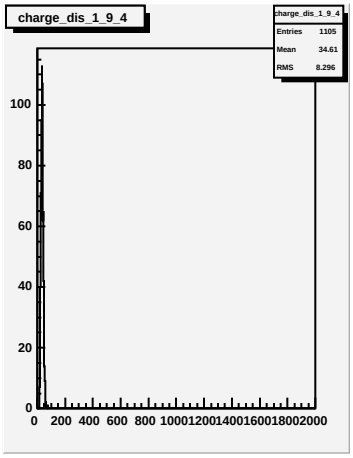
charge_dis_1_9_2
Entries 1105
Mean 41.35
RMS 9.738


charge_dis_1_9_3
charge_dis_1_9_3
Entries 1105
Mean 63.95
RMS 13.25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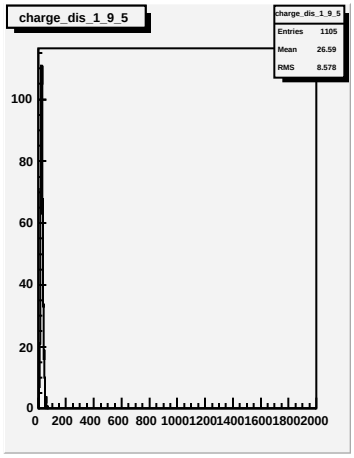
Entries 1105
Mean 34.61
RMS 8.296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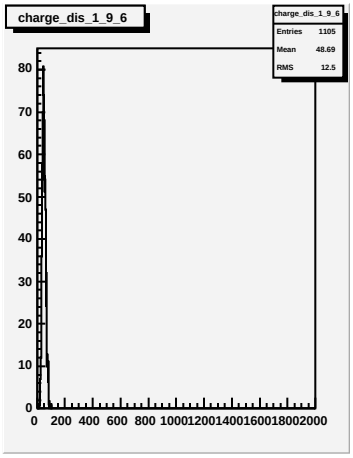
charge_dis_1_9_5
Entries 1105
Mean 26.59
RMS 8.578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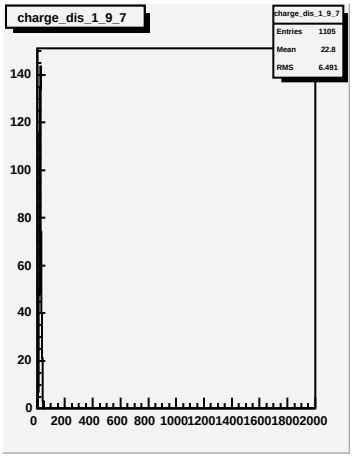
charge_dis_1_9_6
Entries 1105
Mean 48.69
RMS 12.5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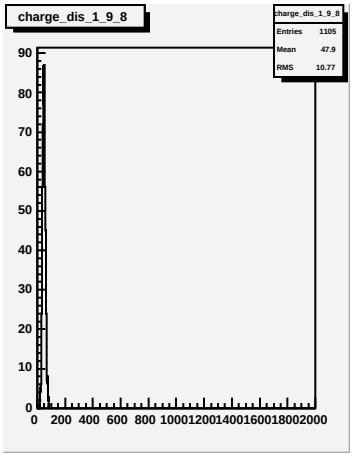
Entries 1105
Mean 22.8
RMS 6.491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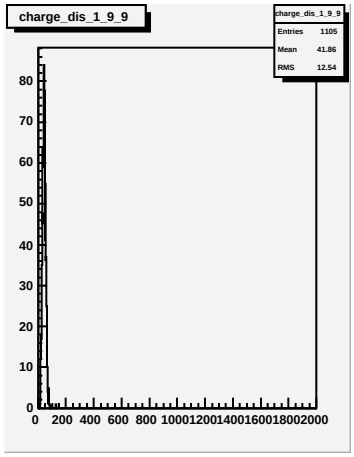
Entries 1105
Mean 47.9
RMS 10.77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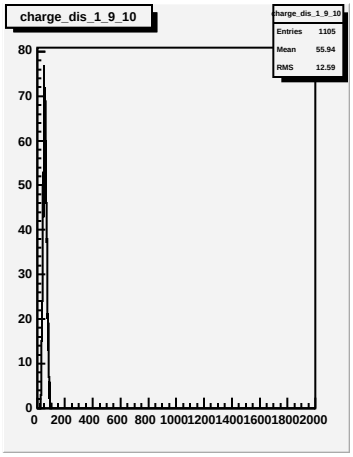
charge_dis_1_9_9
Entries 1105
Mean 41.86
RMS 12.54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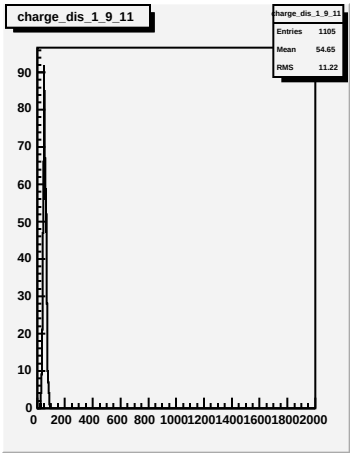
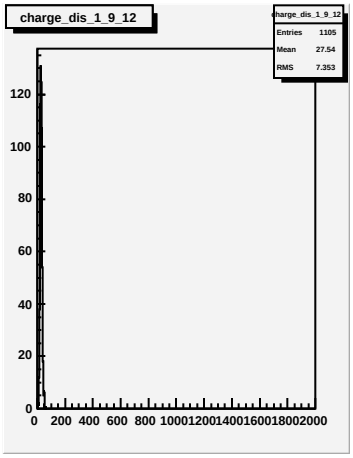
charge_dis_1_9_10
Entries 1105
Mean 55.94
RMS 12.59


charge_dis_1_9_11
charge_dis_1_9_11
Entries 1105
Mean 54.65
RMS 11.22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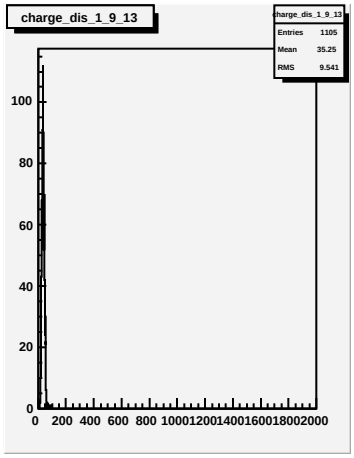
charge_dis_1_9_12
Entries 1105
Mean 27.54
RMS 7.353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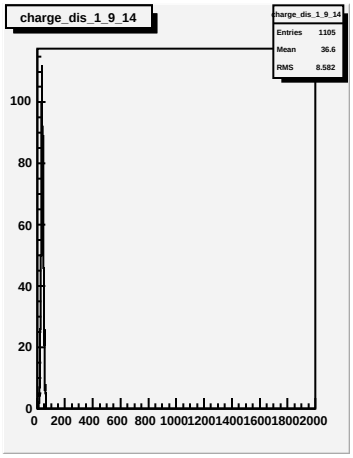
Entries 1105
Mean 35.25
RMS 9.541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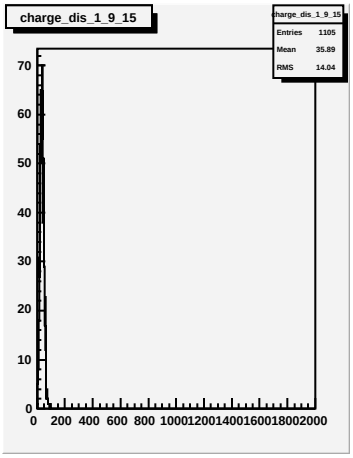
Entries 1105
Mean 36.6
RMS 8.582


charge_dis_1_9_15
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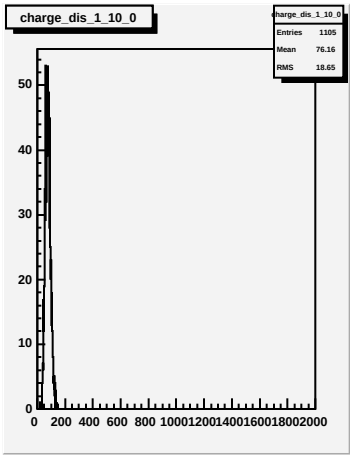
Entries 1105
Mean 35.89
RMS 14.04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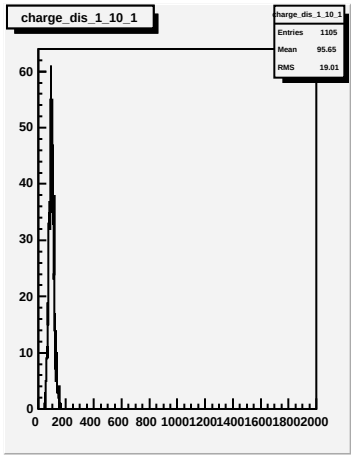
Entries 1105
Mean 76.16
RMS 18.65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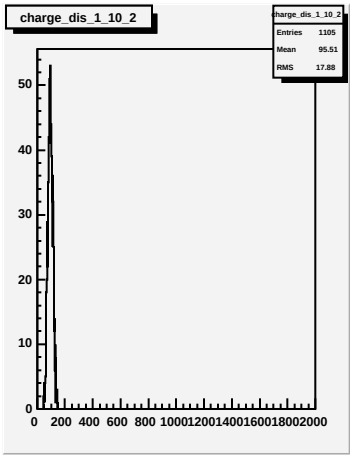
charge_dis_1_10_1
Entries 1105
Mean 95.65
RMS 19.01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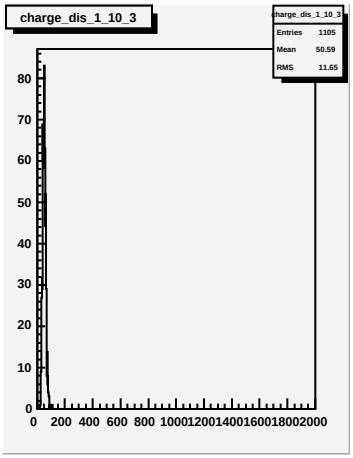
charge_dis_1_10_2
Entries 1105
Mean 95.51
RMS 17.88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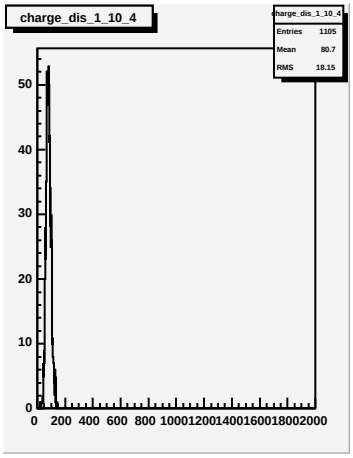
charge_dis_1_10_3
Entries 1105
Mean 50.59
RMS 11.65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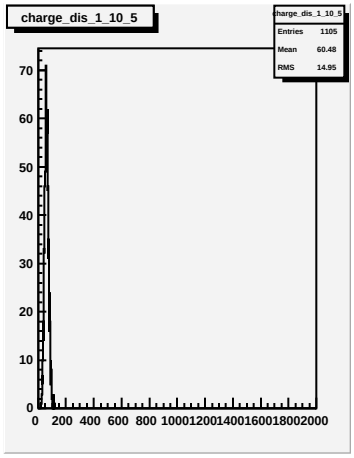
charge_dis_1_10_4
Entries 1105
Mean 80.7
RMS 18.15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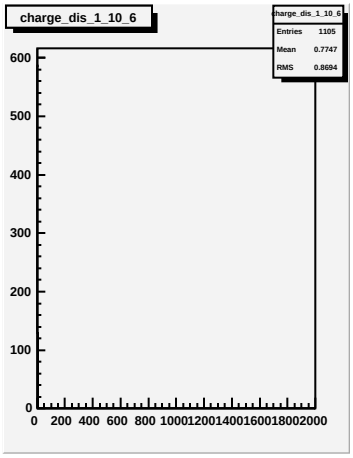
Entries 1105
Mean 60.48
RMS 14.95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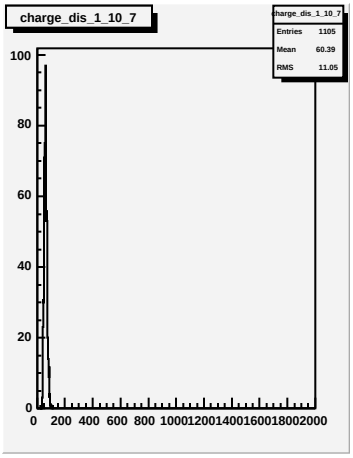
Mean 0.7747
RMS 0.8694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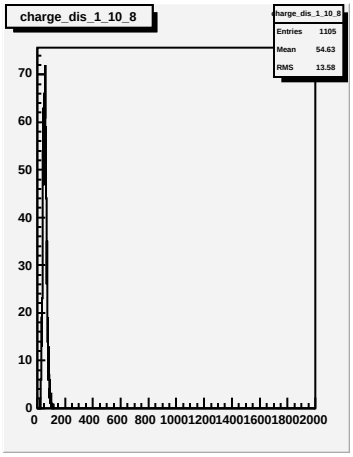
Entries 1105
Mean 60.39
RMS 11.05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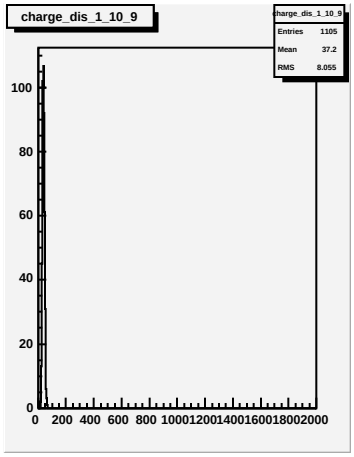
Entries 1105
Mean 54.63
RMS 13.58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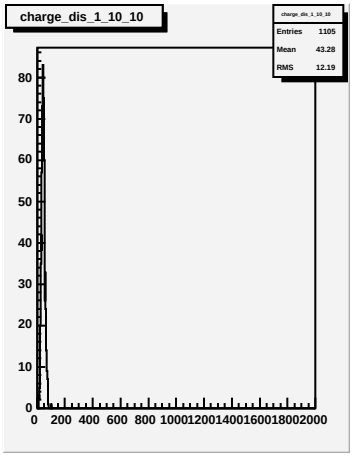
Entries 1105
Mean 37.2
RMS 8.055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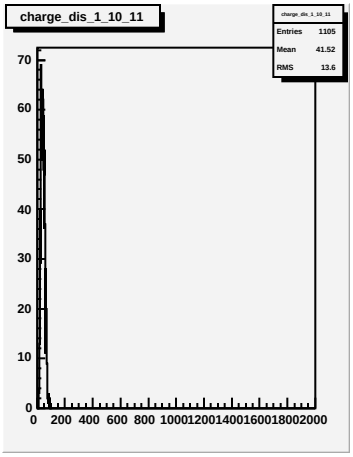
RMS 12.19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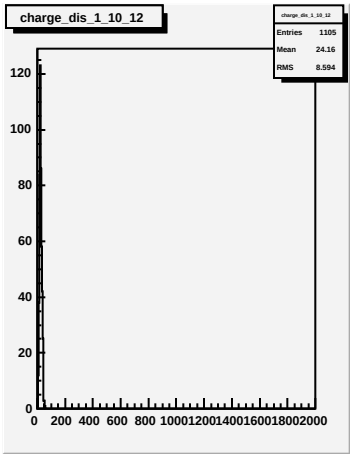
charge_dis_1_10_11
Entries 1105
Mean 41.52
RMS 13.6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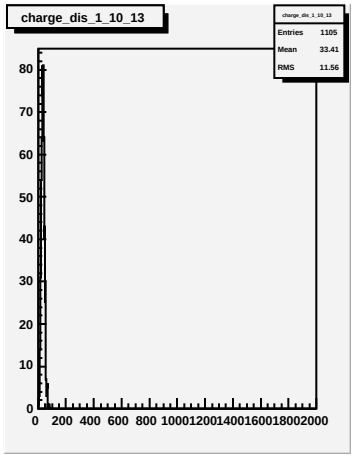
Entries 1105
Mean 24.16
RMS 8.594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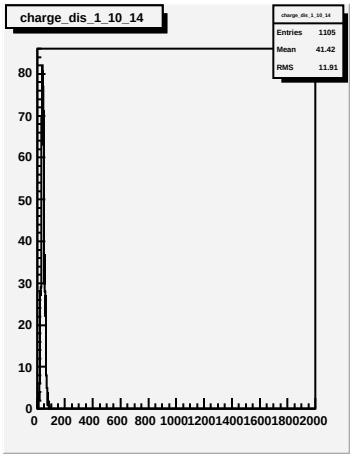
Entries 1105
Mean 33.41
RMS 11.56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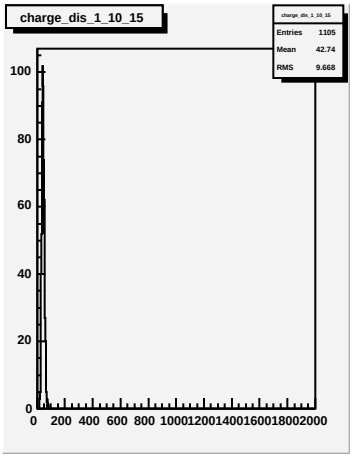
charge_dis_1_10_14
Entries 1105
Mean 41.42
RMS 11.91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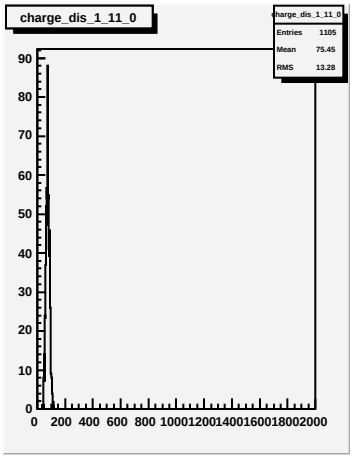
Entries 1105
Mean 42.74
RMS 9.668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Entries 1105
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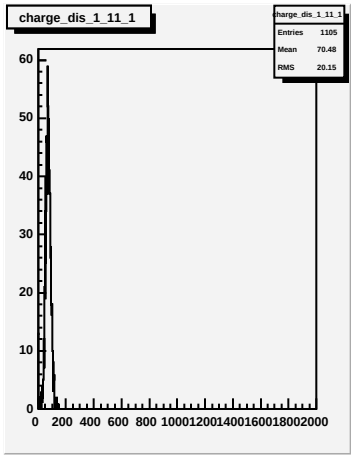
RMS 13.28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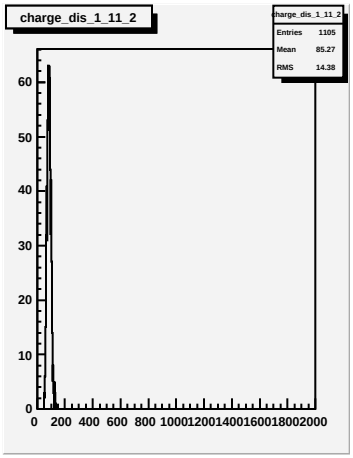
Entries 1105
Mean 70.48
RMS 20.15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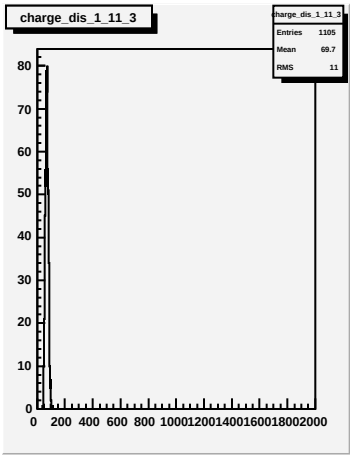
Entries 1105
Mean 85.27
RMS 14.38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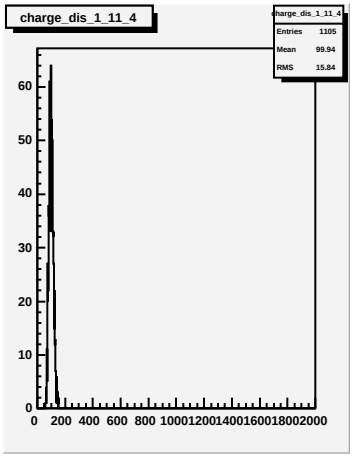
Entries 1105
Mean 69.7
RMS 11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Entries 1105
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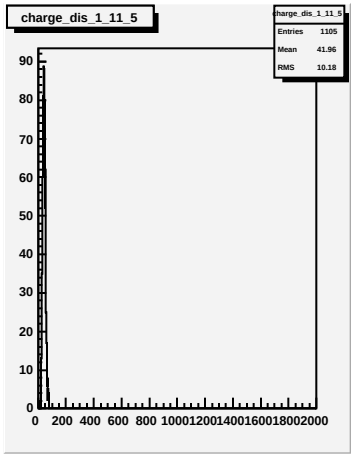
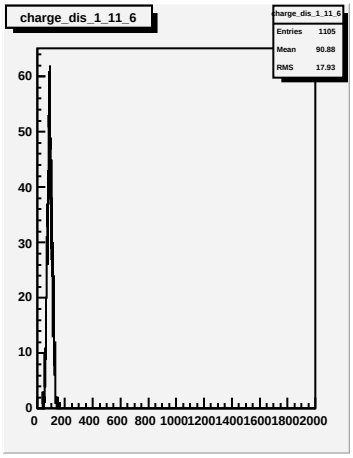
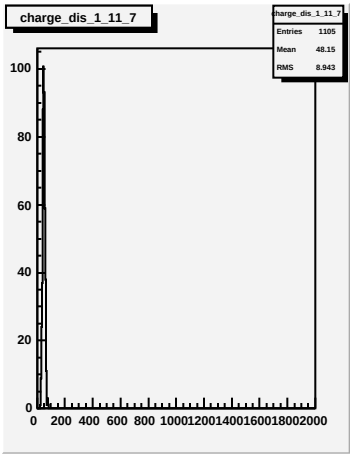
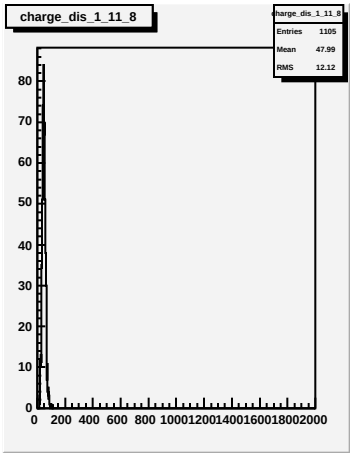
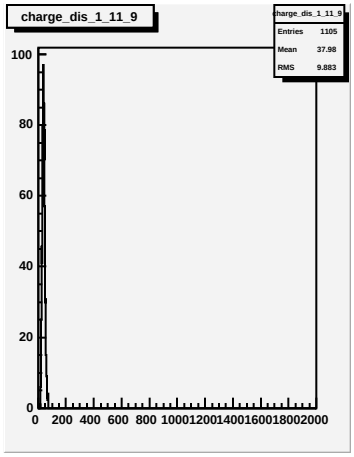
RMS 15.84


charge_dis_1_11_5
charge_dis_1_11_5
Entries 1105
Mean 41.96
RMS 10.18


charge_dis_1_11_6
charge_dis_1_11_6
Entries 1105
Mean 90.88
RMS 17.93


charge_dis_1_11_7
charge_dis_1_11_7
Entries 1105
Mean 48.15
RMS 8.943


charge_dis_1_11_8
charge_dis_1_11_8
Entries 1105
Mean 47.99
RMS 12.12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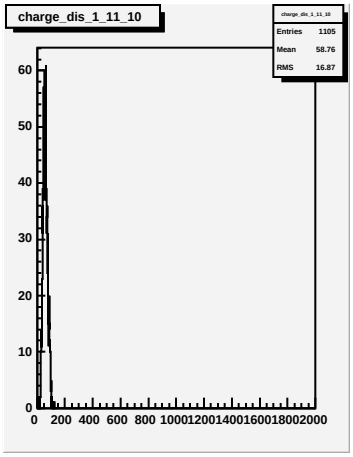
Entries 1105
Mean 37.98
RMS 9.883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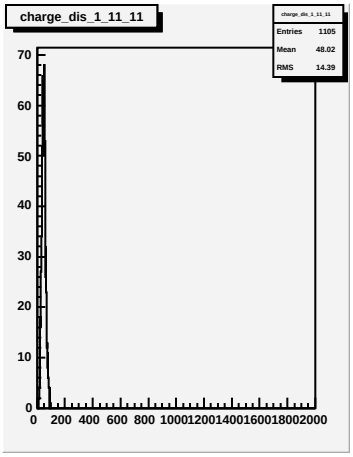
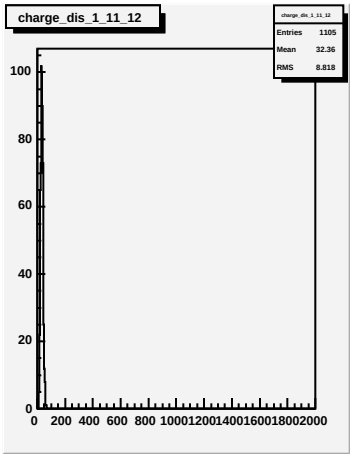
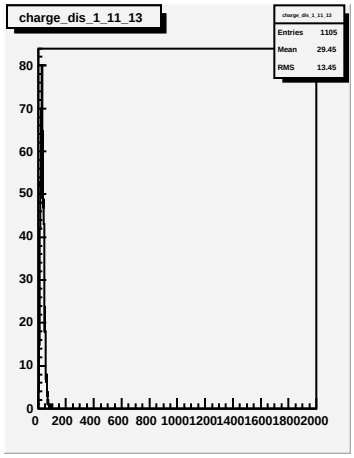
charge_dis_1_11_10
Entries 1105
Mean 58.76
RMS 16.87


charge_dis_1_11_11
charge_dis_1_11_11
Entries 1105
Mean 48.02
RMS 14.39


charge_dis_1_11_12
charge_dis_1_11_12
Entries 1105
Mean 32.36
RMS 8.818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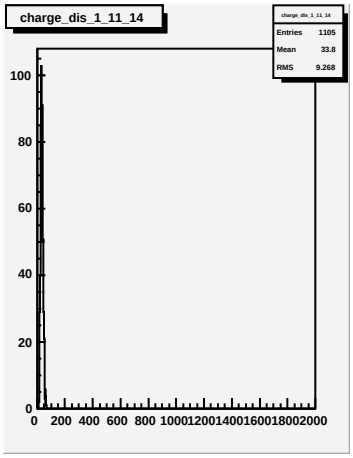
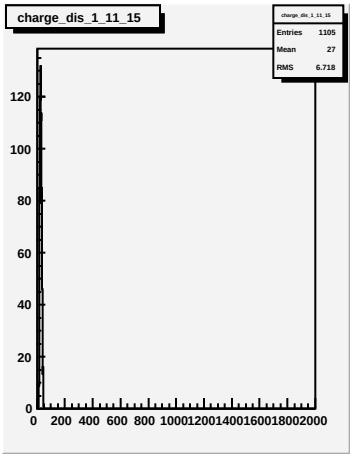
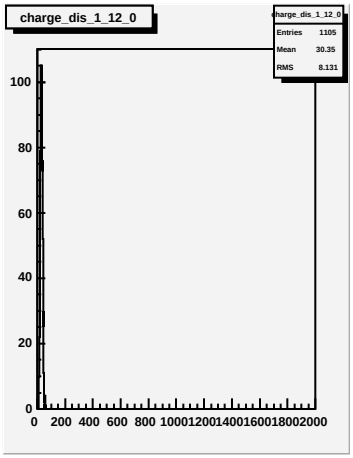
charge_dis_1_11_13
Entries 1105
Mean 29.45
RMS 13.45


charge_dis_1_11_14
charge_dis_1_11_14
Entries 1105
Mean 33.8
RMS 9.268


charge_dis_1_11_15
charge_dis_1_11_15
Entries 1105
Mean 27
RMS 6.718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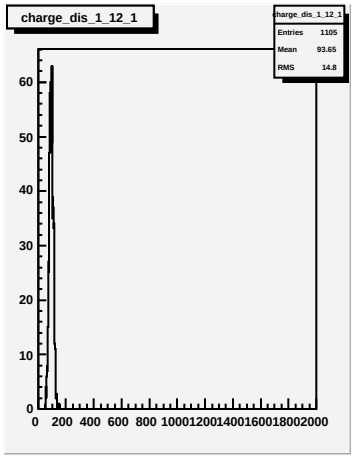
charge_dis_1_12_0
Entries 1105
Mean 30.35
RMS 8.131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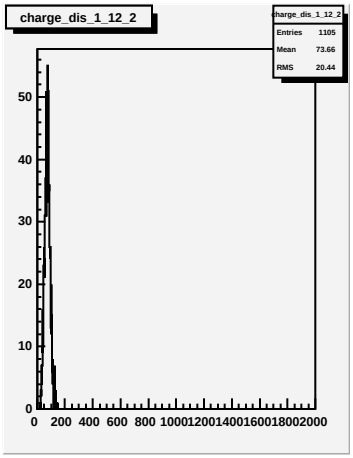
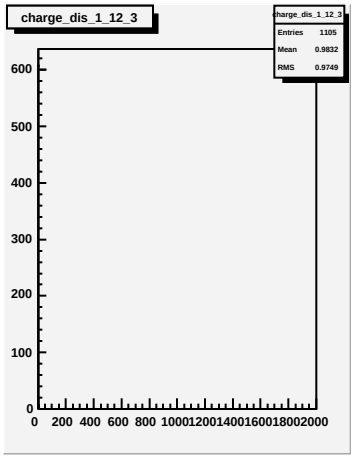
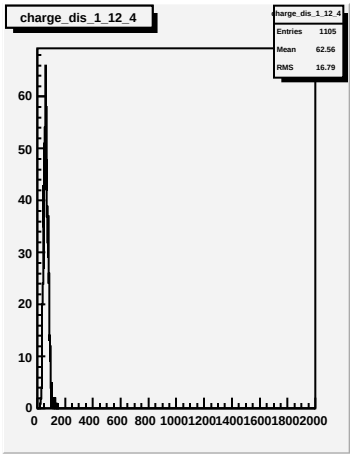
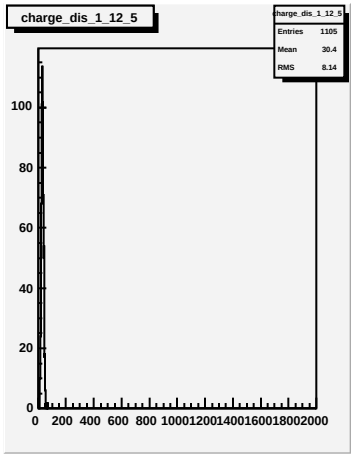
Entries 1105
Mean 93.65
RMS 14.8


charge_dis_1_12_2
charge_dis_1_12_2
Entries 1105
Mean 73.66
RMS 20.44


charge_dis_1_12_3
charge_dis_1_12_3
Entries 1105
Mean 0.9832
RMS 0.9749


charge_dis_1_12_4
charge_dis_1_12_4
Entries 1105
Mean 62.56
RMS 16.79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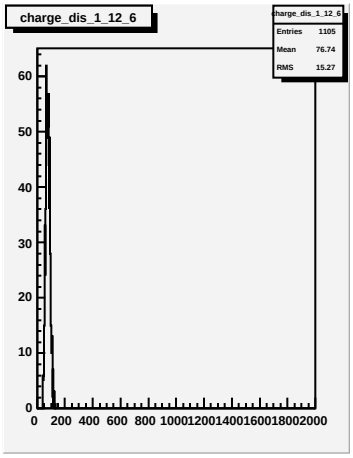
Entries 1105
Mean 30.4
RMS 8.14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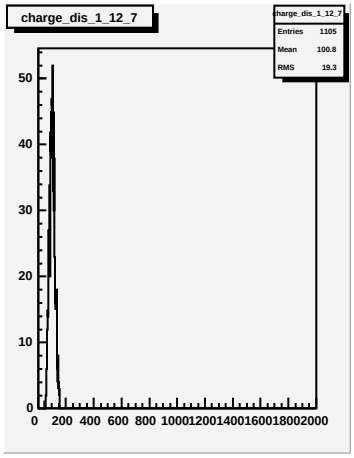
charge_dis_1_12_6
Entries 1105
Mean 76.74
RMS 15.27


charge_dis_1_12_7
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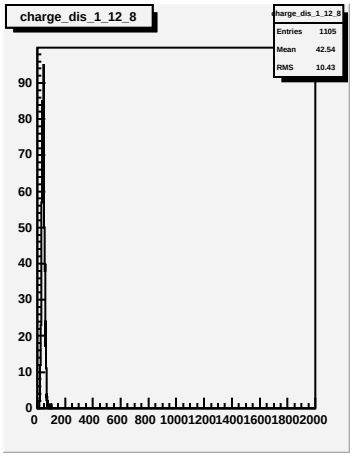
Entries 1105
Mean 100.8
RMS 19.3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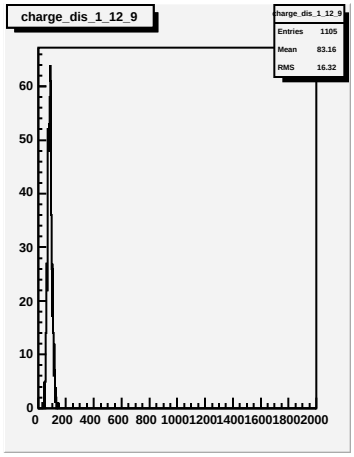
charge_dis_1_12_8
Entries 1105
Mean 42.54
RMS 10.43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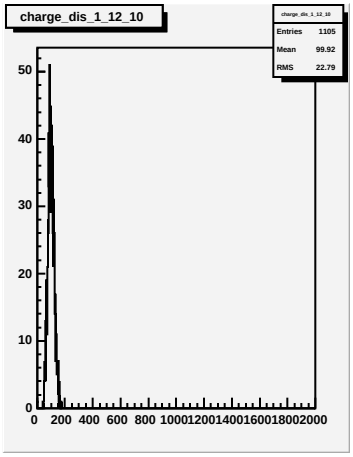
Entries 1105
Mean 83.16
RMS 16.32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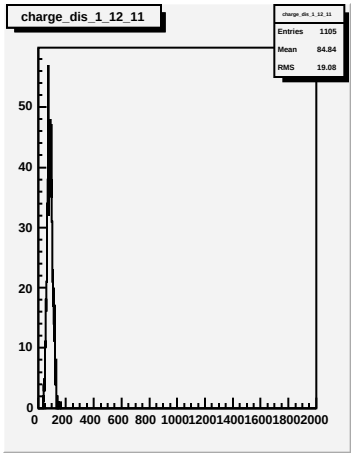
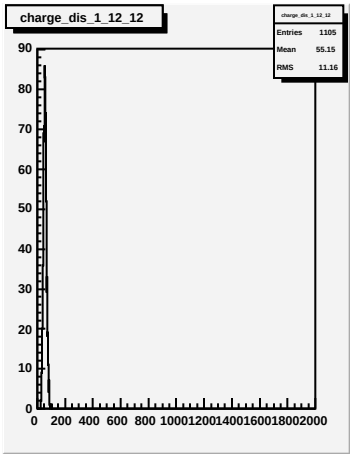
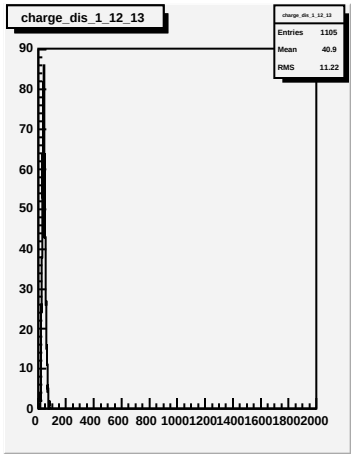
charge_dis_1_12_10
Entries 1105
Mean 99.92
RMS 22.79


charge_dis_1_12_11
charge_dis_1_12_11
Entries 1105
Mean 84.84
RMS 19.08


charge_dis_1_12_12
charge_dis_1_12_12
Entries 1105
Mean 55.15
RMS 11.16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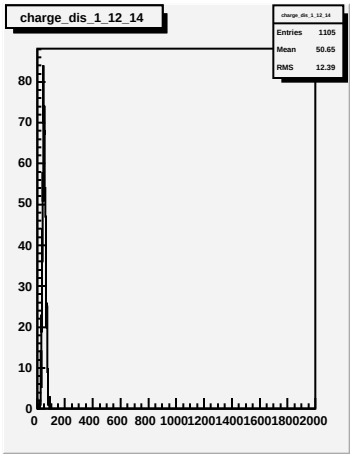
charge_dis_1_12_13
Entries 1105
Mean 40.9
RMS 11.22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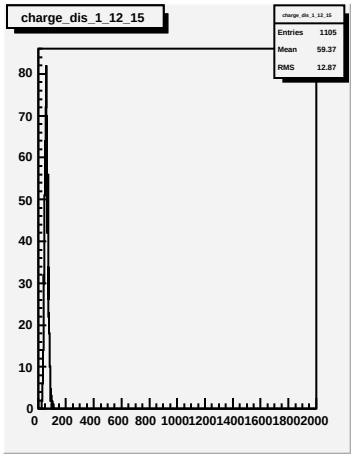
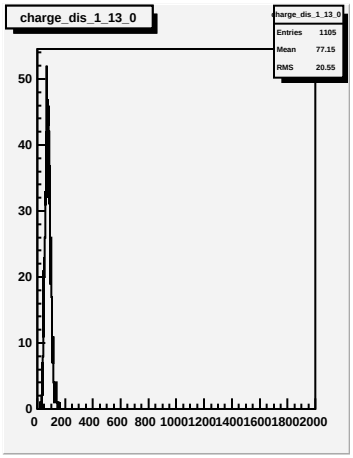
charge_dis_1_12_14
Entries 1105
Mean 50.65
RMS 12.39


charge_dis_1_12_15
charge_dis_1_12_15
Entries 1105
Mean 59.37
RMS 12.87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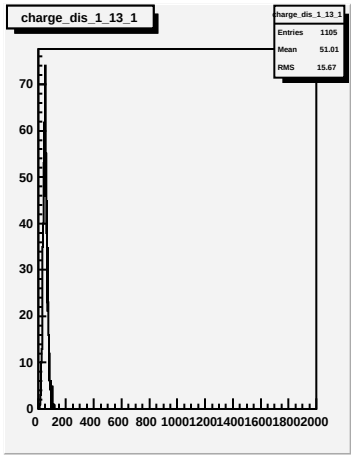
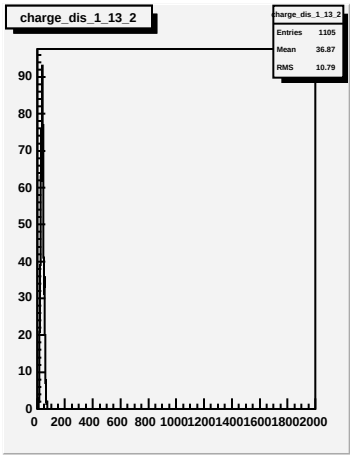
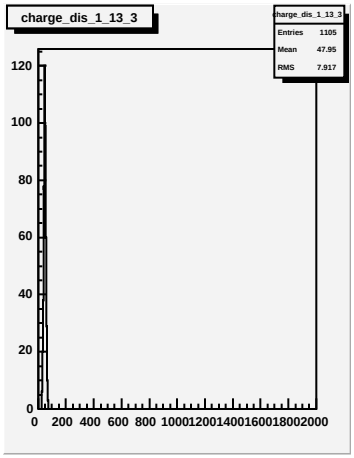
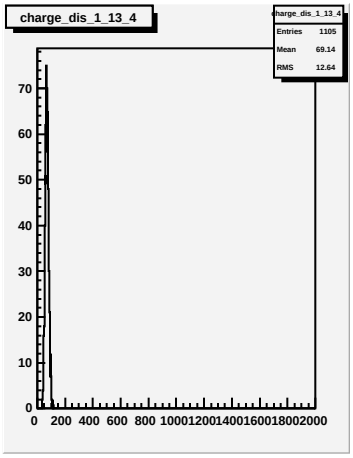
Entries 1105
Mean 77.15
RMS 20.55


charge_dis_1_13_1
Entries 1105
Mean 51.01
RMS 15.67


charge_dis_1_13_2
Entries 1105
Mean 36.87
RMS 10.79


charge_dis_1_13_3
Entries 1105
Mean 47.95
RMS 7.917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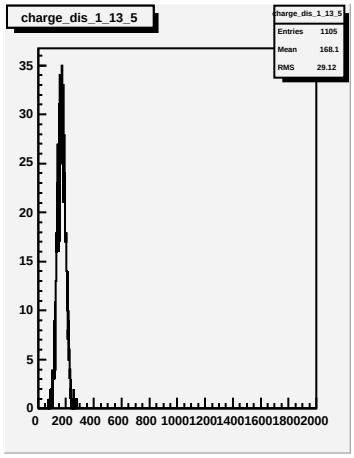
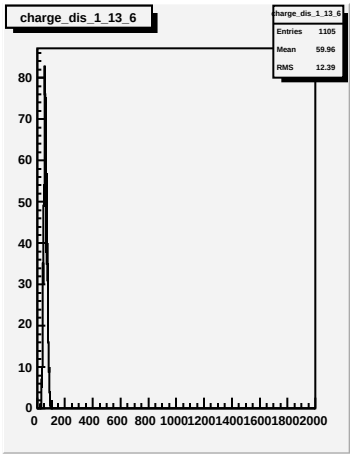
Entries 1105
Mean 69.14
RMS 12.64


charge_dis_1_13_5
Entries 1105
Mean 168.1
RMS 29.12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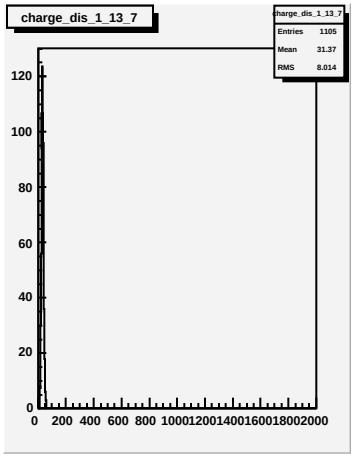
Entries 1105
Mean 59.96
RMS 12.39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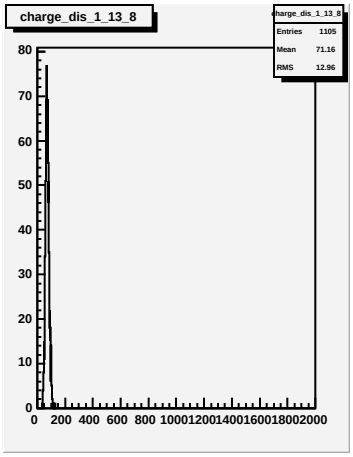
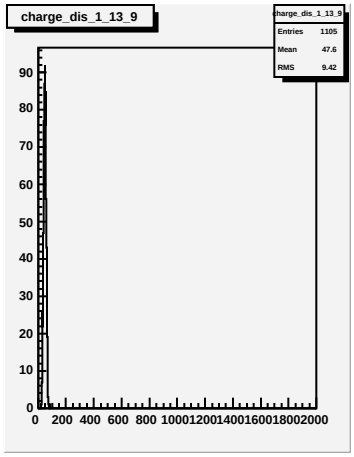
Entries 1105
Mean 31.37
RMS 8.014


charge_dis_1_13_8
Entries 1105
Mean 71.16
RMS 12.96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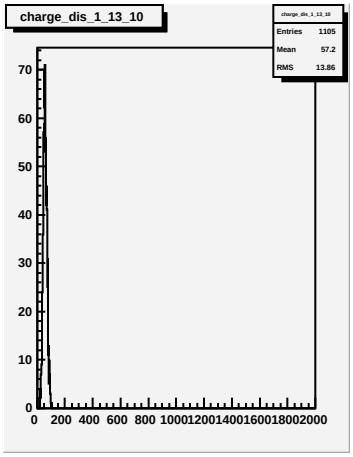
Entries 1105
Mean 47.6
RMS 9.42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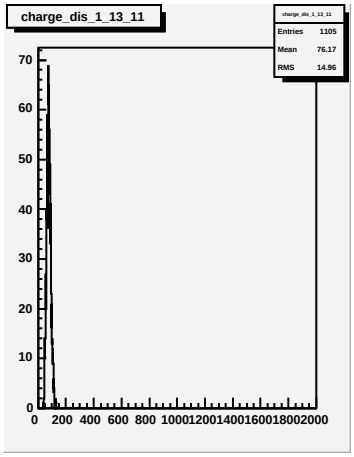
Entries 1105
Mean 57.2
RMS 13.86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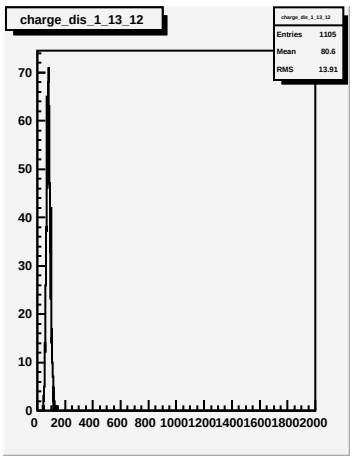
Entries 1105
Mean 76.17
RMS 14.96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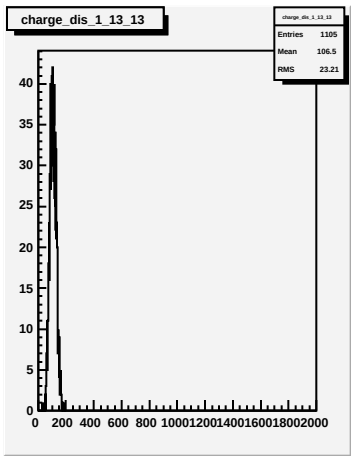
Entries 1105
Mean 80.6
RMS 13.91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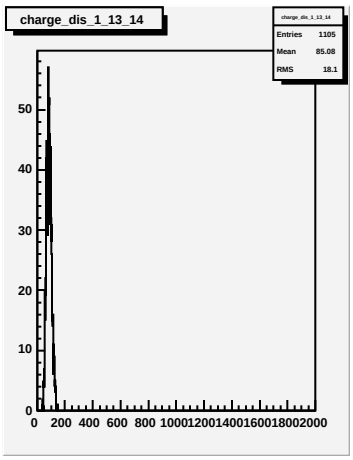
Entries 1105
Mean 106.5
RMS 23.21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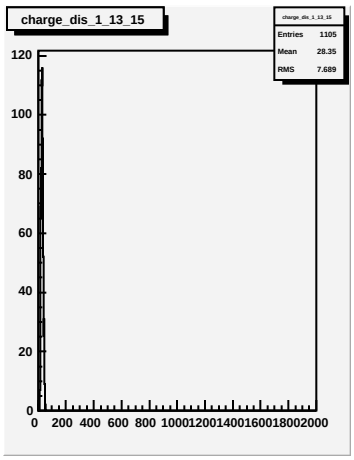
Entries 1105
Mean 85.08
RMS 18.1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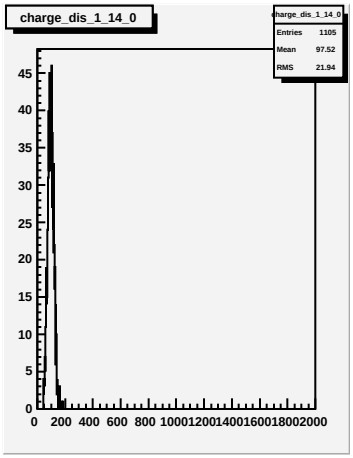
Entries 1105
Mean 28.35
RMS 7.689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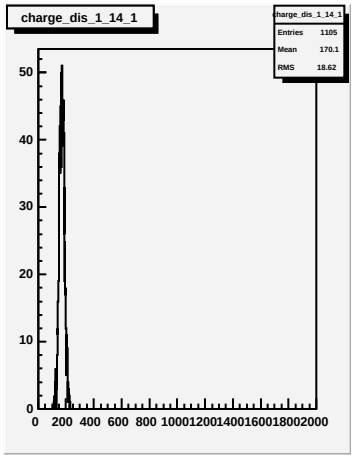
charge_dis_1_14_0
Entries 1105
Mean 97.52
RMS 21.94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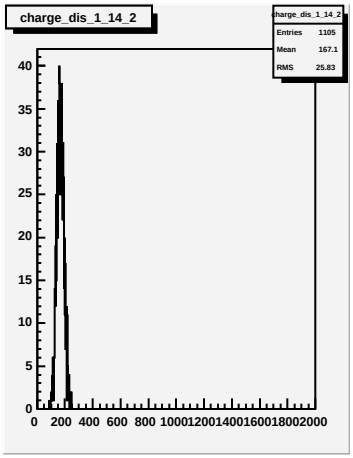
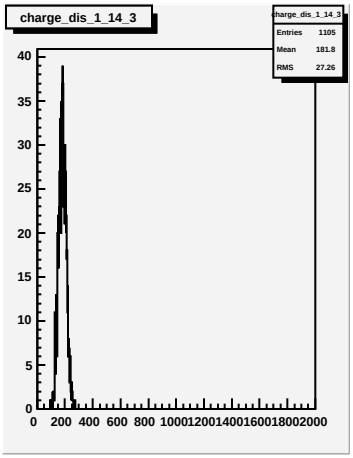
charge_dis_1_14_1
Entries 1105
Mean 170.1
RMS 18.62


charge_dis_1_14_2
charge_dis_1_14_2
Entries 1105
Mean 167.1
RMS 25.83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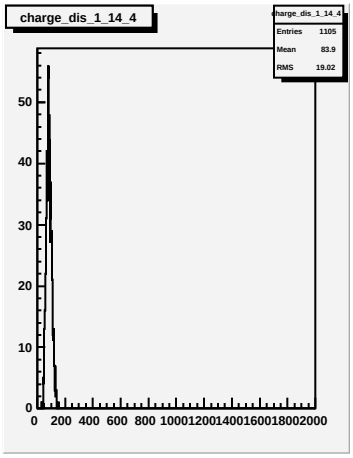
charge_dis_1_14_3
Entries 1105
Mean 181.8
RMS 27.26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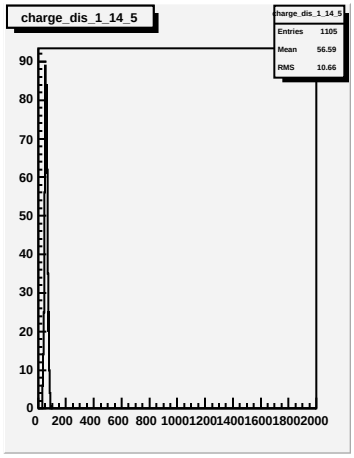
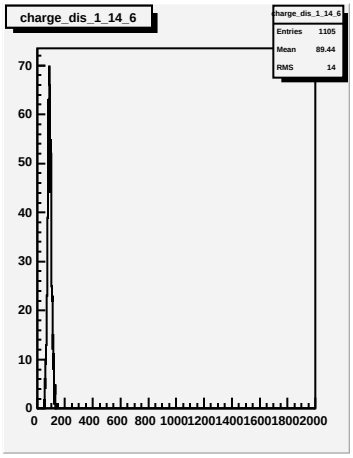
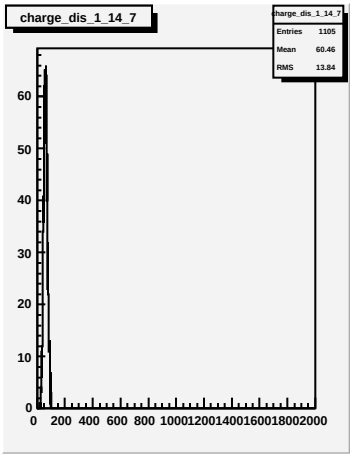
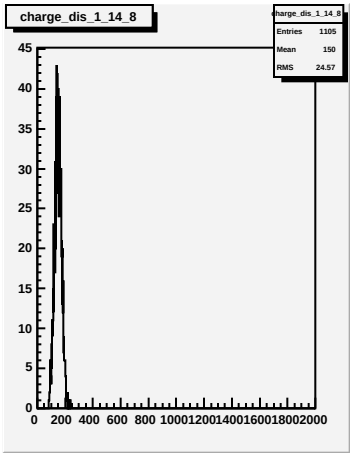
Entries 1105
Mean 83.9
RMS 19.02


charge_dis_1_14_5
charge_dis_1_14_5
Entries 1105
Mean 56.59
RMS 10.66


charge_dis_1_14_6
charge_dis_1_14_6
Entries 1105
Mean 89.44
RMS 14


charge_dis_1_14_7
charge_dis_1_14_7
Entries 1105
Mean 60.46
RMS 13.84


charge_dis_1_14_8
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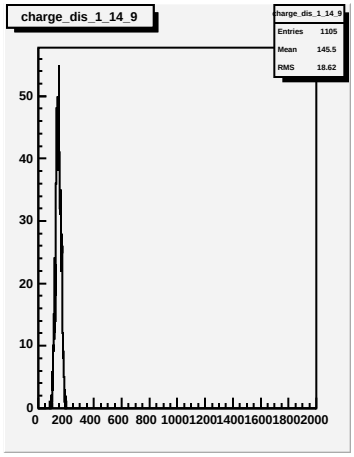
Entries 1105
Mean 150
RMS 24.57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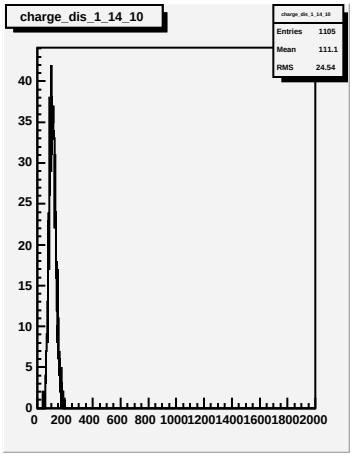
Entries 1105
Mean 145.5
RMS 18.62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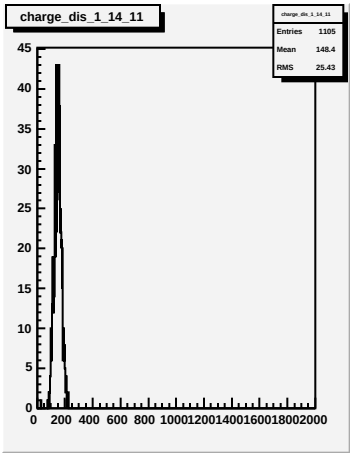
Entries 1105
Mean 111.1
RMS 24.54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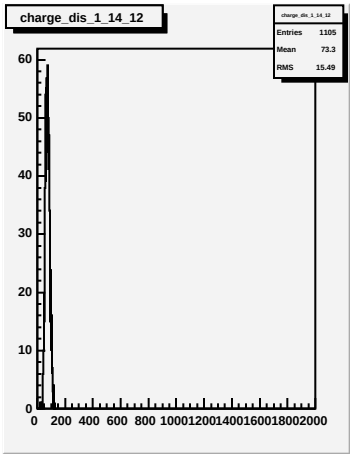
Entries 1105
Mean 148.4
RMS 25.43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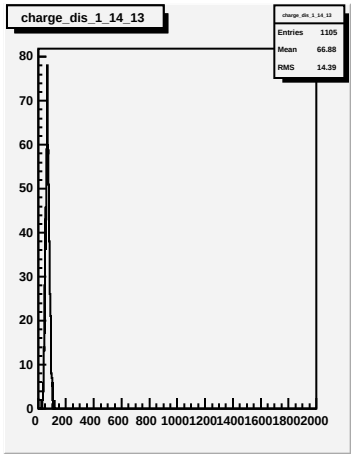
Entries 1105
Mean 73.3
RMS 15.49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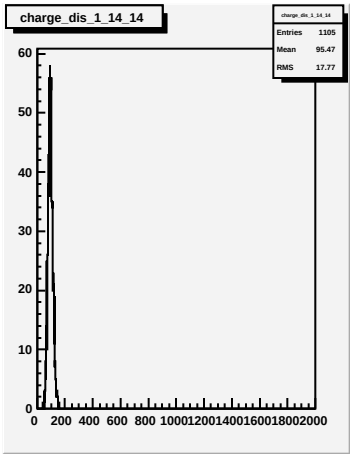
Entries 1105
Mean 66.88
RMS 14.39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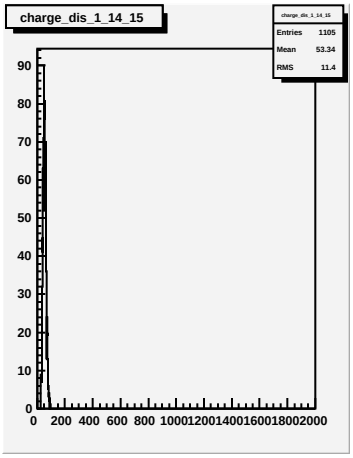
Entries 1105
Mean 95.47
RMS 17.77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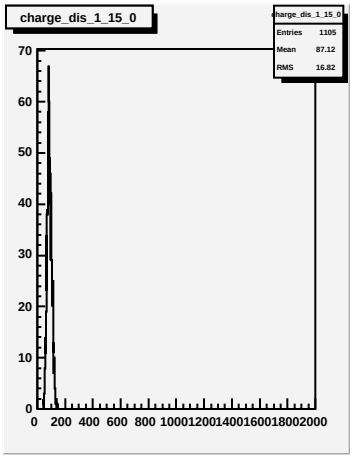
Entries 1105
Mean 53.34
RMS 11.4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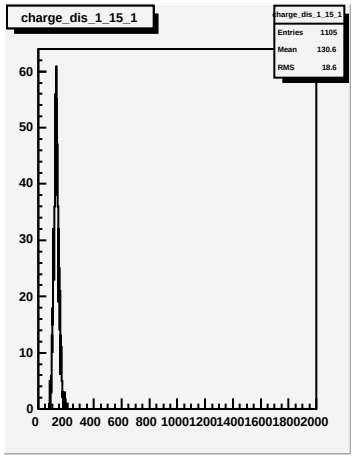
Entries 1105
Mean 87.12
RMS 16.82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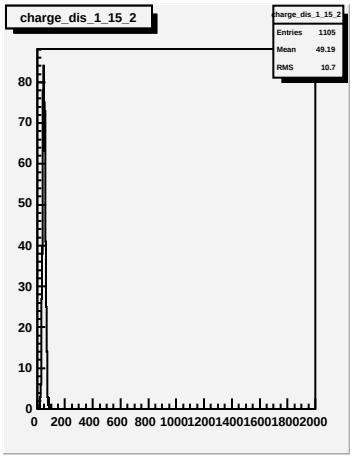
Entries 1105
Mean 130.6
RMS 18.6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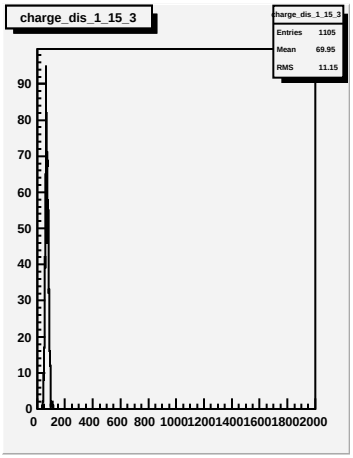
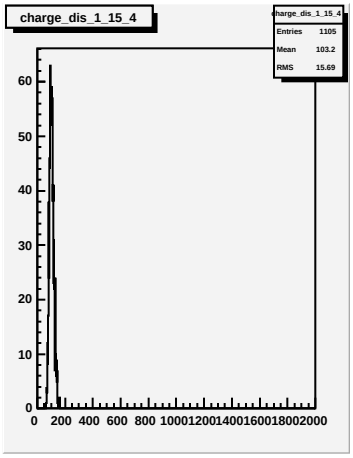
Entries 1105
Mean 49.19
RMS 10.7


charge_dis_1_15_3
charge_dis_1_15_3
Entries 1105
Mean 69.95
RMS 11.15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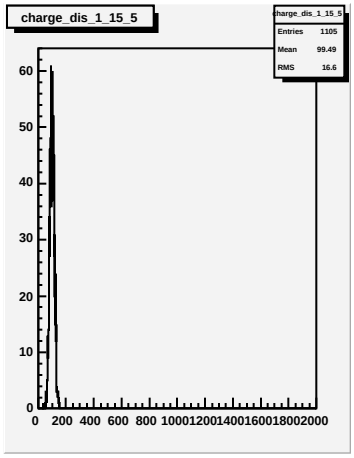
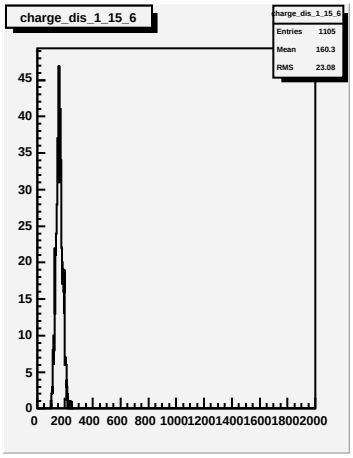
charge_dis_1_15_4
Entries 1105
Mean 103.2
RMS 15.69


charge_dis_1_15_5
charge_dis_1_15_5
Entries 1105
Mean 99.49
RMS 16.6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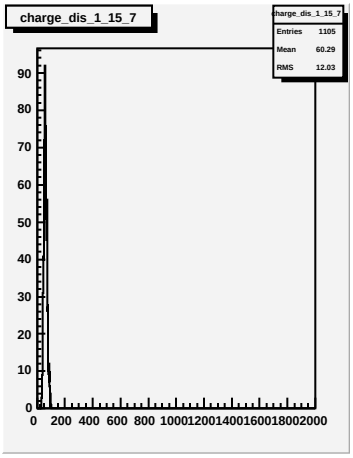
Entries 1105
Mean 160.3
RMS 23.08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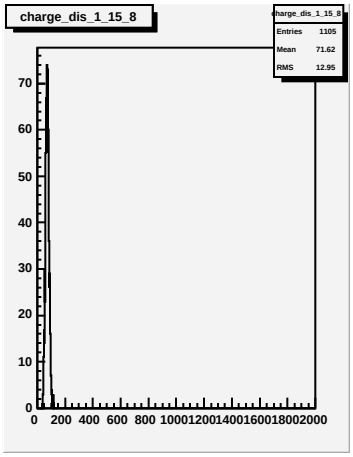
Entries 1105
Mean 60.29
RMS 12.03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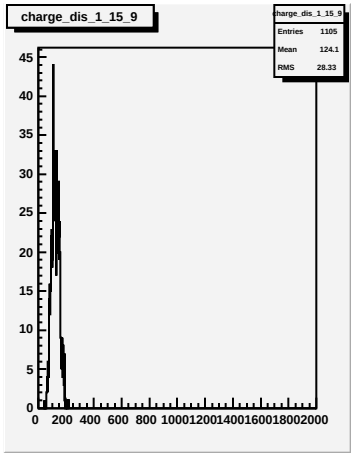
Entries 1105
Mean 71.62
RMS 12.95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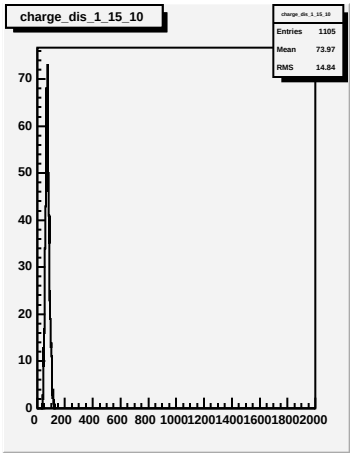
charge_dis_1_15_9
Entries 1105
Mean 124.1
RMS 28.33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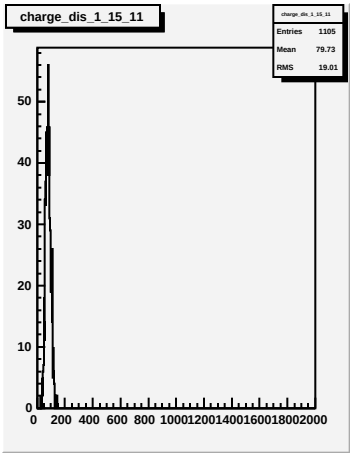
charge_dis_1_15_10
Entries 1105
Mean 73.97
RMS 14.84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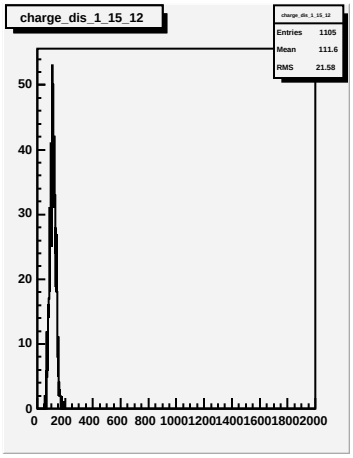
Entries 1105
Mean 79.73
RMS 19.01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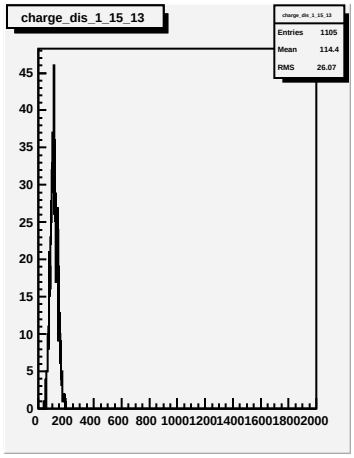
charge_dis_1_15_12
Entries 1105
Mean 111.6
RMS 21.58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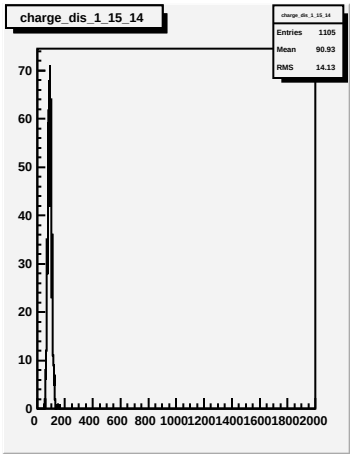
charge_dis_1_15_13
Entries 1105
Mean 114.4
RMS 26.07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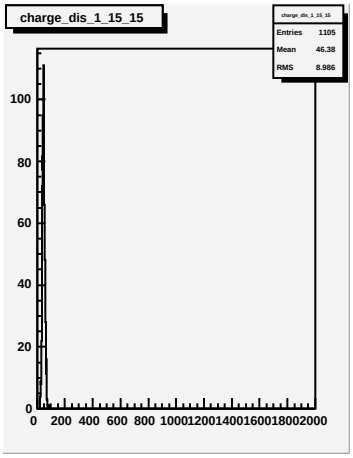
Entries 1105
Mean 90.93
RMS 14.13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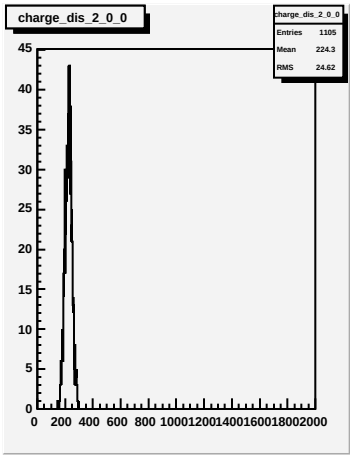
Entries 1105
Mean 46.38
RMS 8.986


charge_dis_2_0_0
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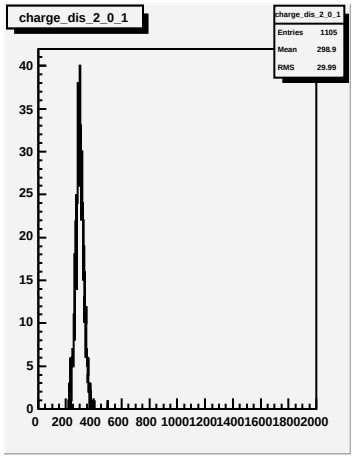
Entries 1105
Mean 224.3
RMS 24.62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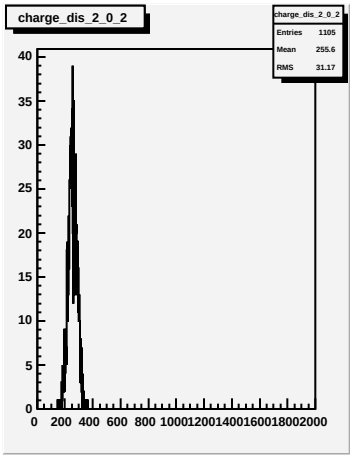
Entries 1105
Mean 298.9
RMS 29.99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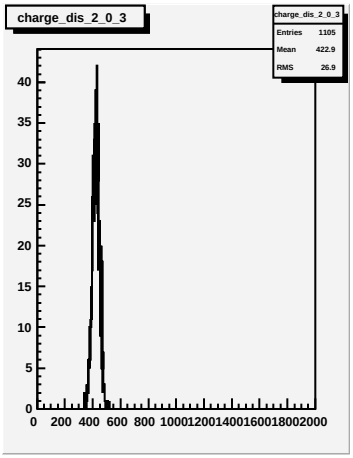
Entries 1105
Mean 255.6
RMS 31.17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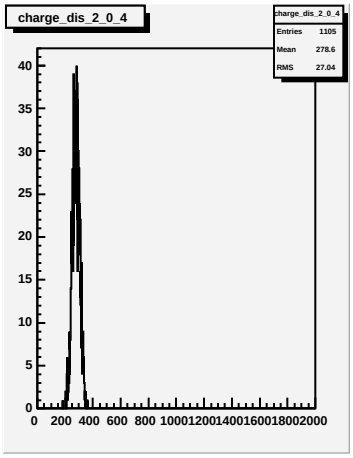
Entries 1105
Mean 422.9
RMS 26.9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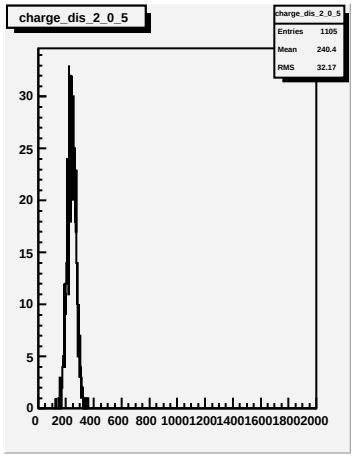
charge_dis_2_0_4
Entries 1105
Mean 278.6
RMS 27.04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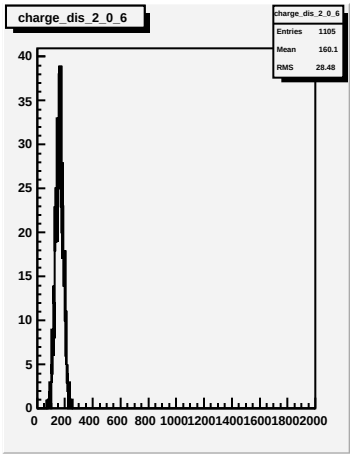
charge_dis_2_0_5
Entries 1105
Mean 240.4
RMS 32.17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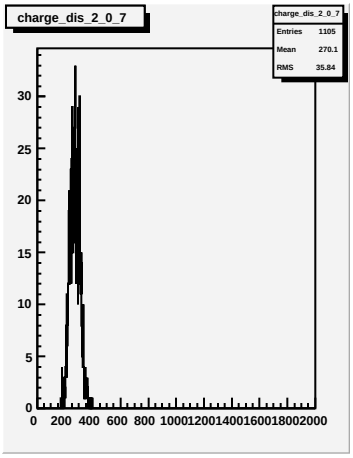
Entries 1105
Mean 160.1
RMS 28.48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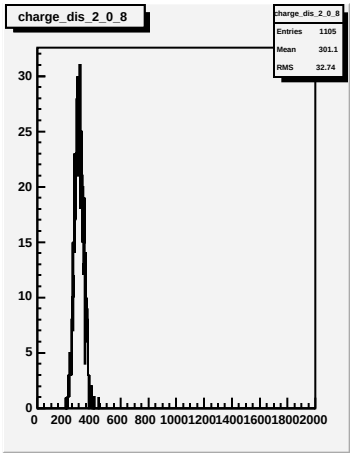
Entries 1105
Mean 270.1
RMS 35.84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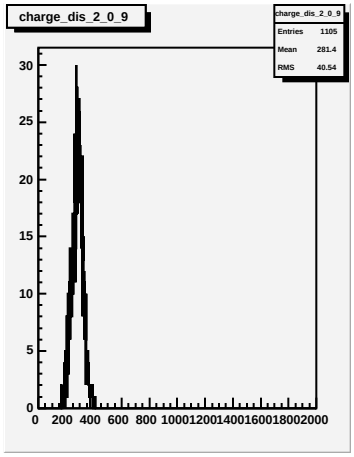
Entries 1105
Mean 301.1
RMS 32.74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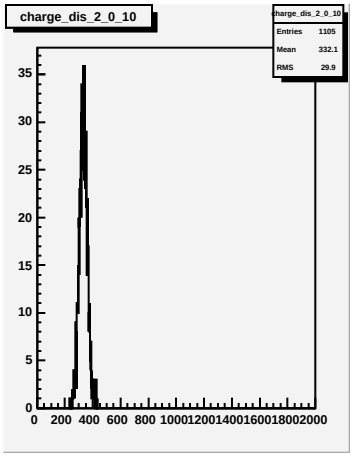
Entries 1105
Mean 281.4
RMS 40.54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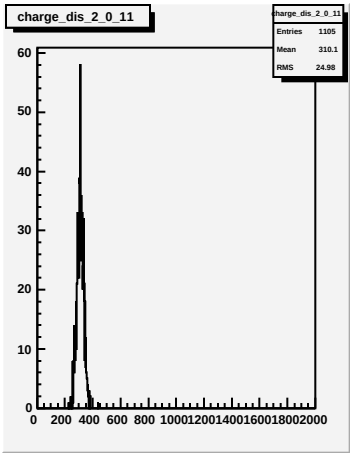
Entries 1105
Mean 332.1
RMS 29.9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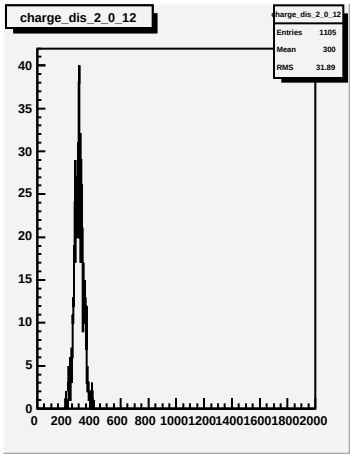
Entries 1105
Mean 310.1
RMS 24.98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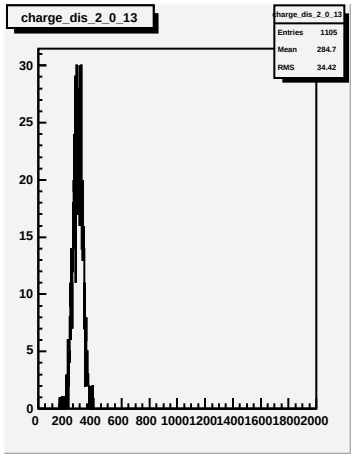
RMS 31.89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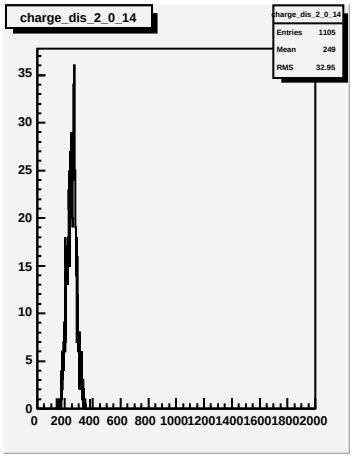
RMS 34.42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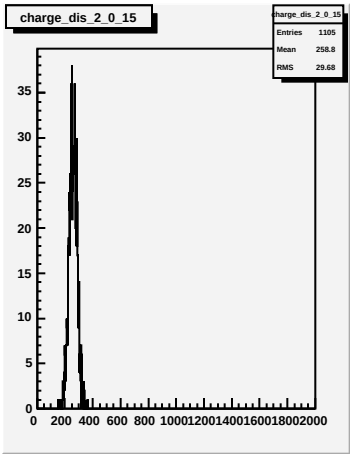
Mean 249
RMS 32.95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Entries 1105
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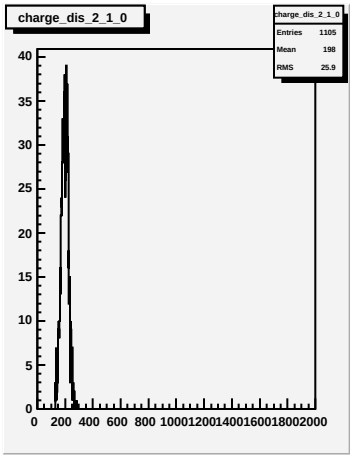
RMS 29.68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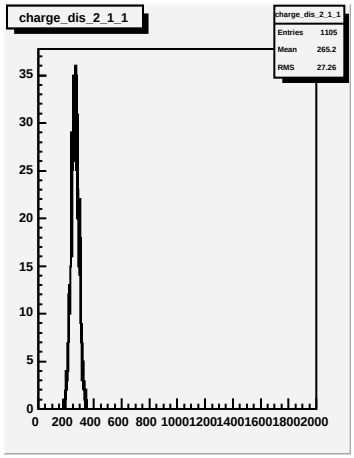
Entries 1105
Mean 198
RMS 25.9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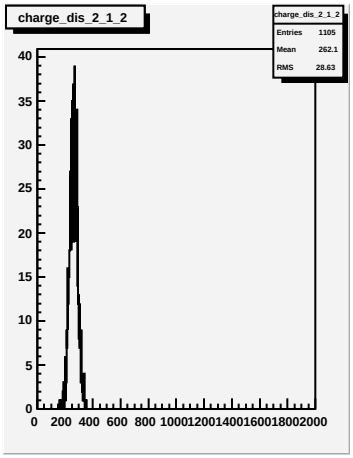
Entries 1105
Mean 265.2
RMS 27.26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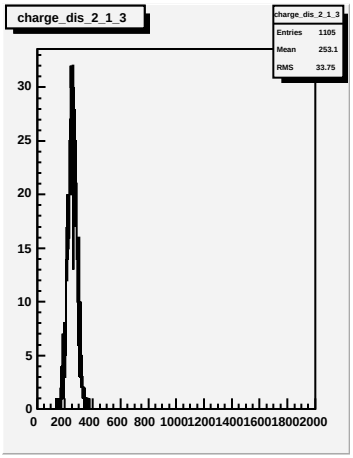
charge_dis_2_1_2
Entries 1105
Mean 262.1
RMS 28.63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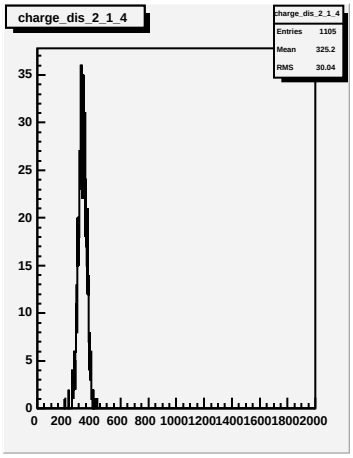
charge_dis_2_1_3
Entries 1105
Mean 253.1
RMS 33.75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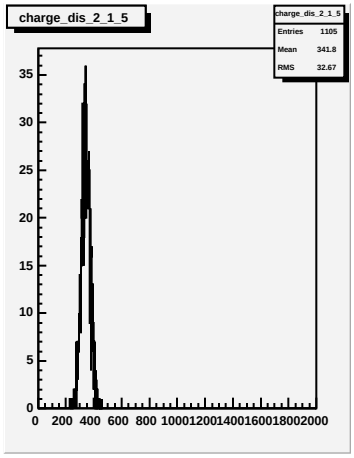
charge_dis_2_1_4
Entries 1105
Mean 325.2
RMS 30.04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Entries 1105
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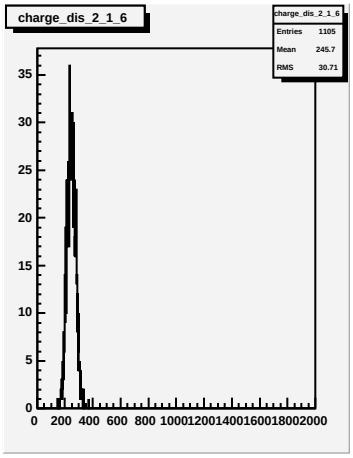
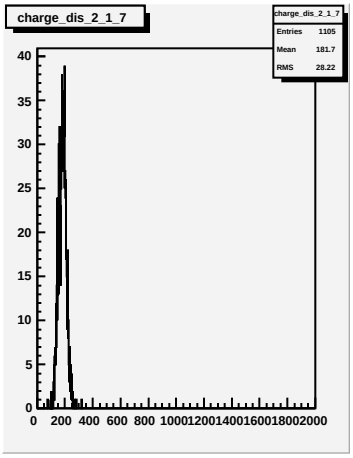
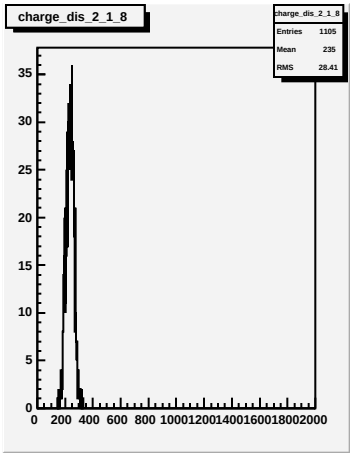
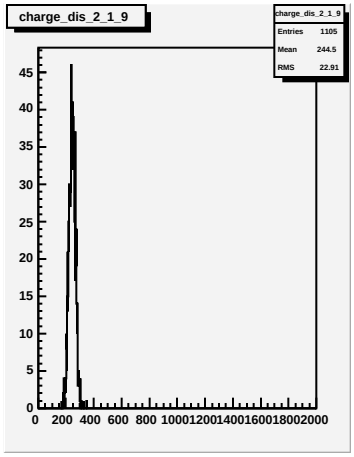
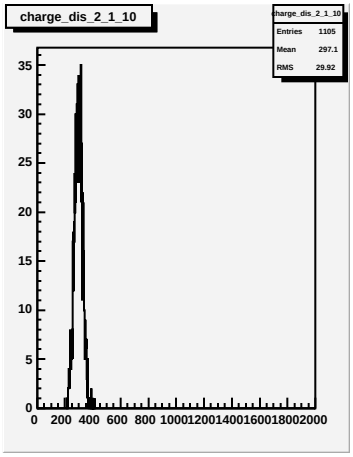
RMS 32.67


charge_dis_2_1_6
charge_dis_2_1_6
Entries 1105
Mean 245.7
RMS 30.71


charge_dis_2_1_7
charge_dis_2_1_7
Entries 1105
Mean 181.7
RMS 28.22


charge_dis_2_1_8
charge_dis_2_1_8
Entries 1105
Mean 235
RMS 28.41


charge_dis_2_1_9
charge_dis_2_1_9
Entries 1105
Mean 244.5
RMS 22.91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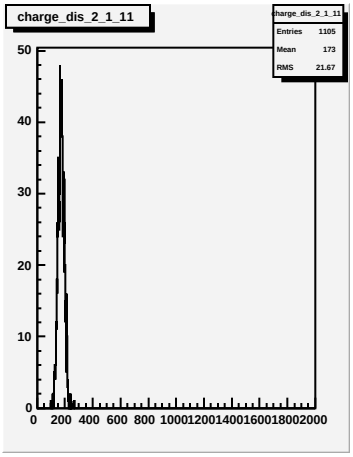
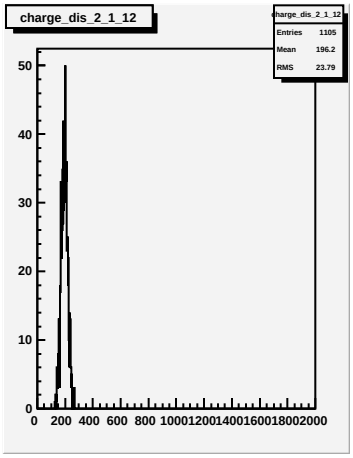
charge_dis_2_1_10
Entries 1105
Mean 297.1
RMS 29.92


charge_dis_2_1_11
charge_dis_2_1_11
Entries 1105
Mean 173
RMS 21.67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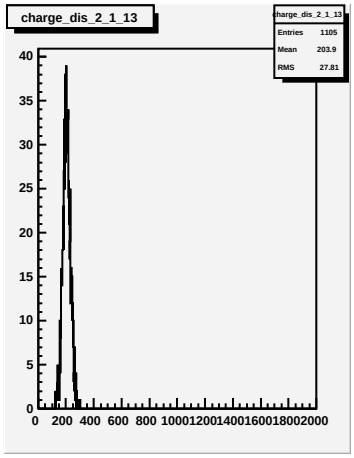
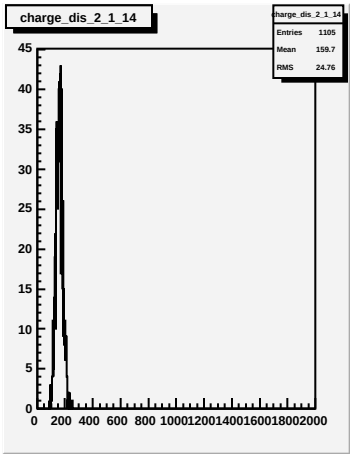
charge_dis_2_1_12
Entries 1105
Mean 196.2
RMS 23.79


charge_dis_2_1_13
charge_dis_2_1_13
Entries 1105
Mean 203.9
RMS 27.81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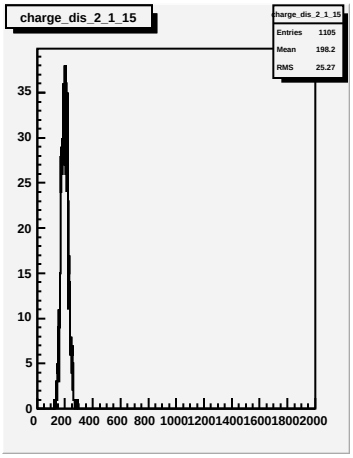
Entries 1105
Mean 159.7
RMS 24.76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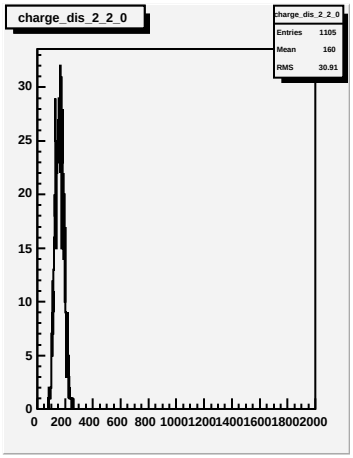
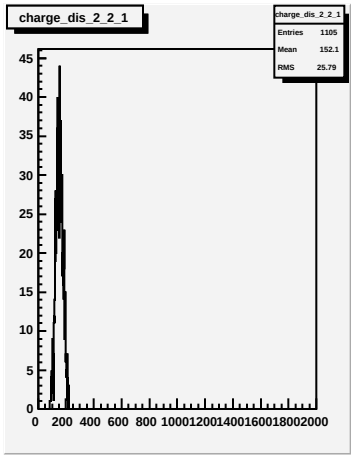
charge_dis_2_1_15
Entries 1105
Mean 198.2
RMS 25.27


charge_dis_2_2_0
charge_dis_2_2_0
Entries 1105
Mean 160
RMS 30.91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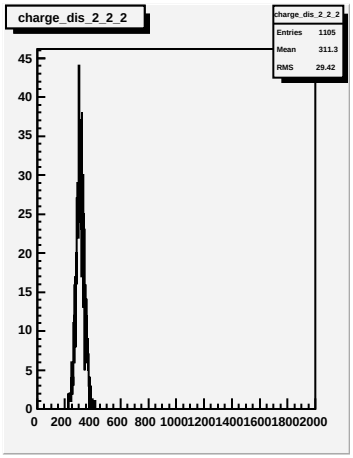
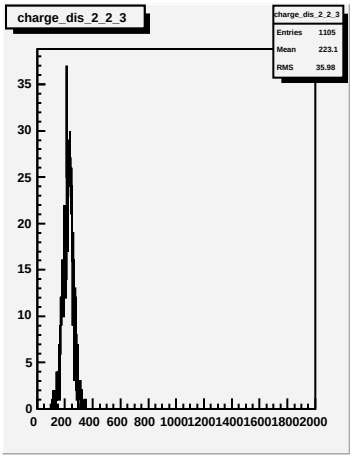
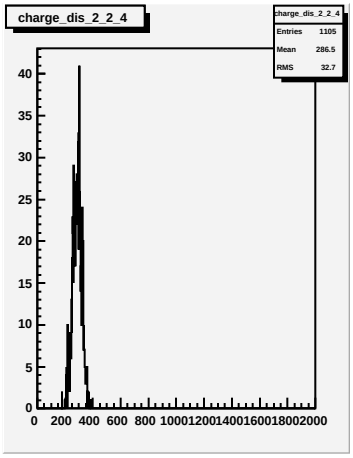
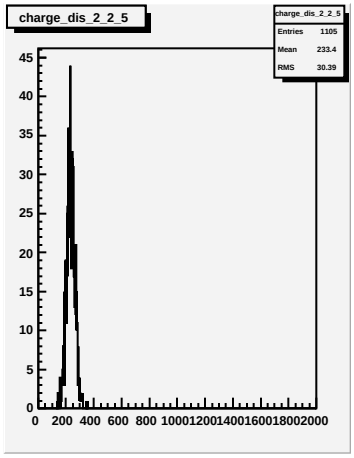
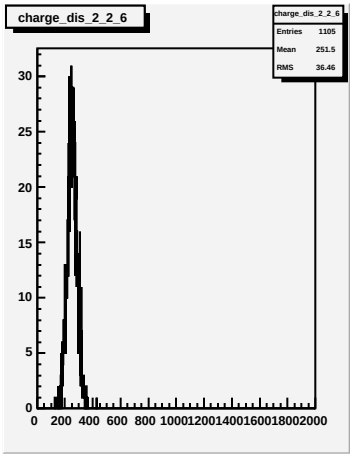
charge_dis_2_2_1
Entries 1105
Mean 152.1
RMS 25.79

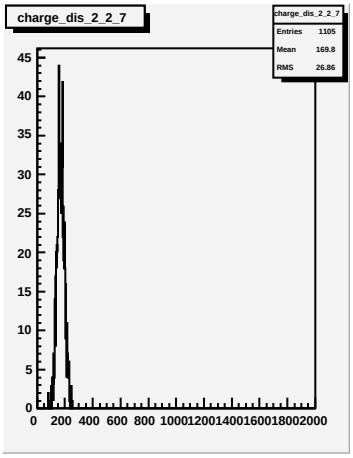

charge_dis_2_2_2
charge_dis_2_2_2
Entries 1105
Mean 311.3
RMS 29.42

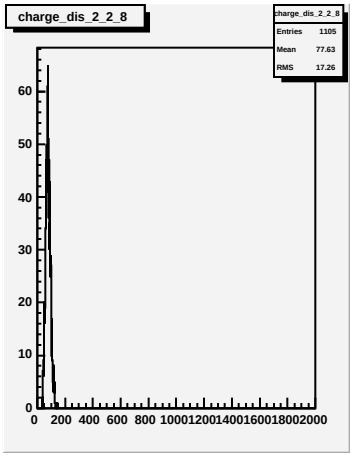

charge_dis_2_2_3
charge_dis_2_2_3
Entries 1105
Mean 223.1
RMS 35.98


charge_dis_2_2_4
charge_dis_2_2_4
Entries 1105
Mean 286.5
RMS 32.7


charge_dis_2_2_5
charge_dis_2_2_5
Entries 1105
Mean 233.4
RMS 30.39


charge_dis_2_2_6
charge_dis_2_2_6
Entries 1105
Mean 251.5
RMS 36.46


charge_dis_2_2_7
charge_dis_2_2_7
Entries 1105
Mean 169.8
RMS 26.86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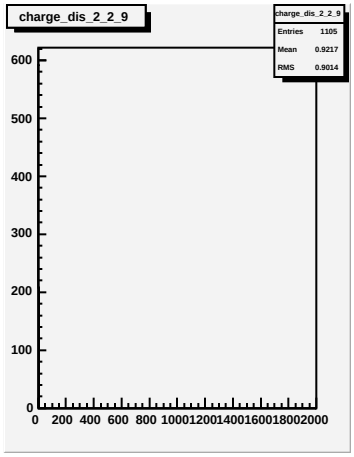
charge_dis_2_2_8
Entries 1105
Mean 77.63
RMS 17.26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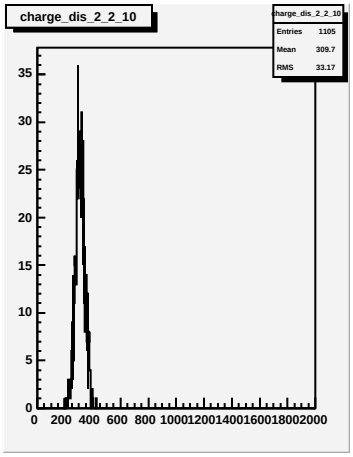
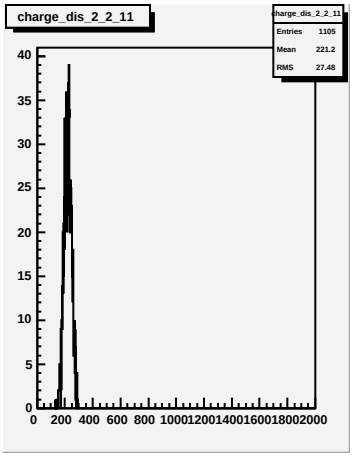
charge_dis_2_2_9
Entries 1105
Mean 0.9217
RMS 0.9014


charge_dis_2_2_10
charge_dis_2_2_10
Entries 1105
Mean 309.7
RMS 33.17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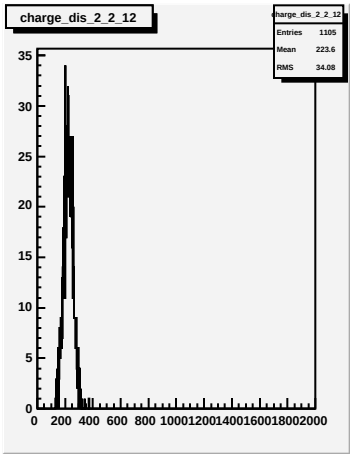
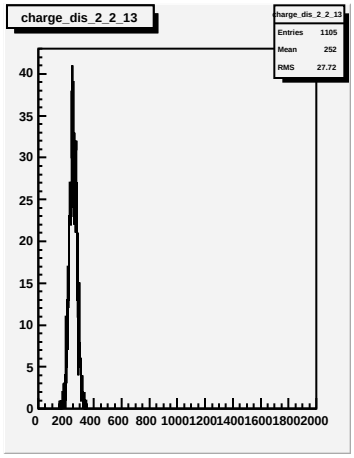
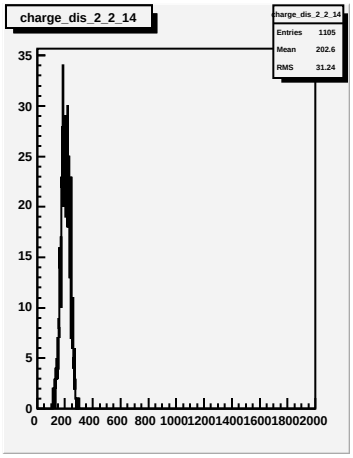
charge_dis_2_2_11
Entries 1105
Mean 221.2
RMS 27.48


charge_dis_2_2_12
charge_dis_2_2_12
Entries 1105
Mean 223.6
RMS 34.08


charge_dis_2_2_13
charge_dis_2_2_13
Entries 1105
Mean 252
RMS 27.72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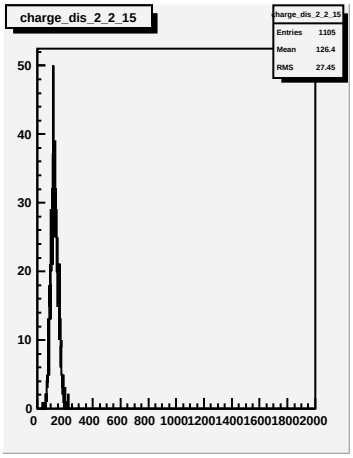
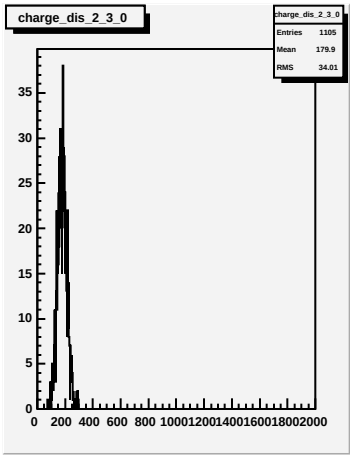
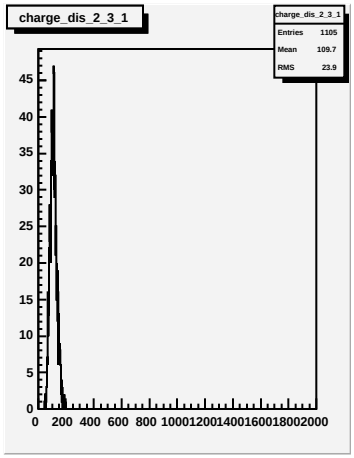
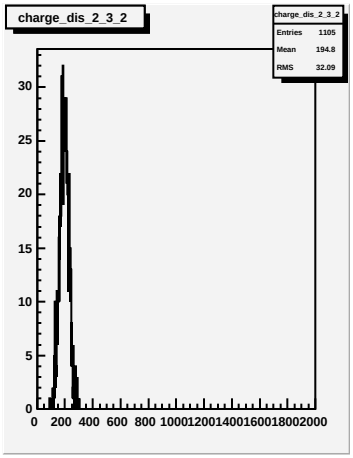
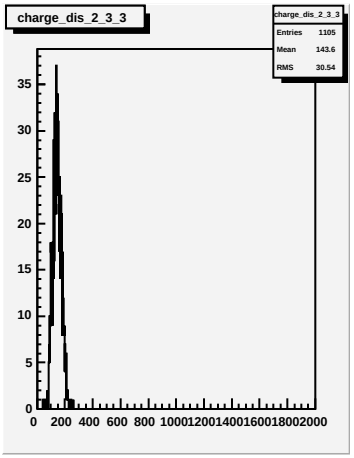
charge_dis_2_2_14
Entries 1105
Mean 202.6
RMS 31.24

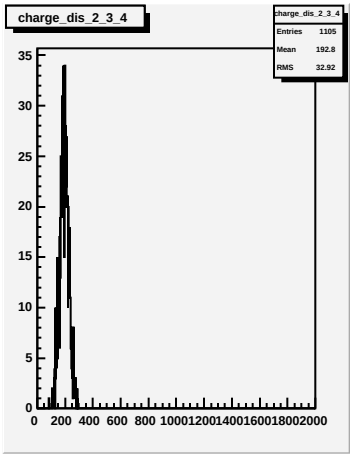

charge_dis_2_2_15
charge_dis_2_2_15
Entries 1105
Mean 126.4
RMS 27.45

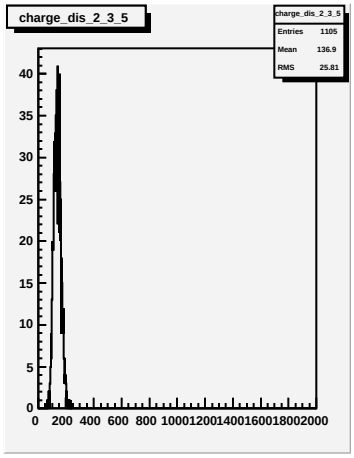

charge_dis_2_3_0
charge_dis_2_3_0
Entries 1105
Mean 179.9
RMS 34.01

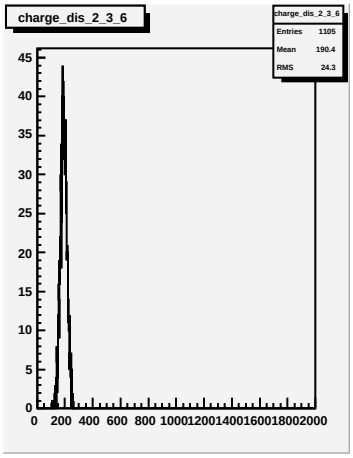

charge_dis_2_3_1
charge_dis_2_3_1
Entries 1105
Mean 109.7
RMS 23.9


charge_dis_2_3_2
charge_dis_2_3_2
Entries 1105
Mean 194.8
RMS 32.09


charge_dis_2_3_3
charge_dis_2_3_3
Entries 1105
Mean 143.6
RMS 30.54


charge_dis_2_3_4
charge_dis_2_3_4
Entries 1105
Mean 192.8
RMS 32.92


charge_dis_2_3_5
charge_dis_2_3_5
Entries 1105
Mean 136.9
RMS 25.81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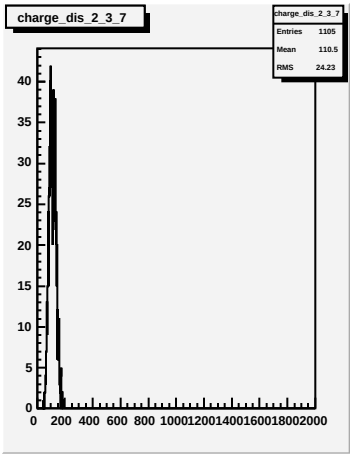
charge_dis_2_3_6
Entries 1105
Mean 190.4
RMS 24.3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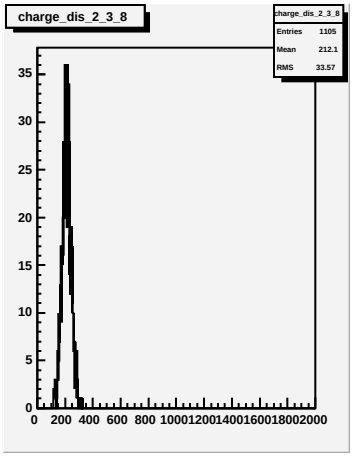
charge_dis_2_3_7
Entries 1105
Mean 110.5
RMS 24.23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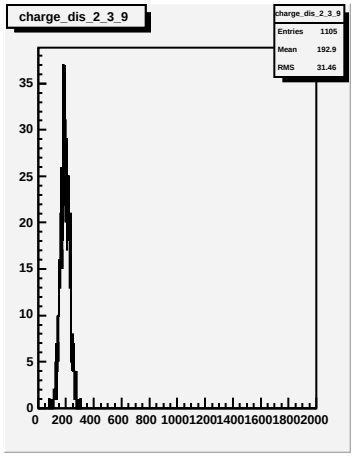
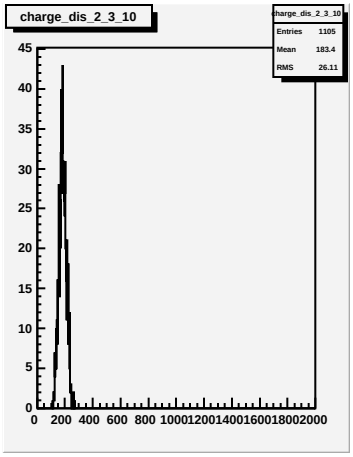
charge_dis_2_3_8
Entries 1105
Mean 212.1
RMS 33.57


charge_dis_2_3_9
charge_dis_2_3_9
Entries 1105
Mean 192.9
RMS 31.46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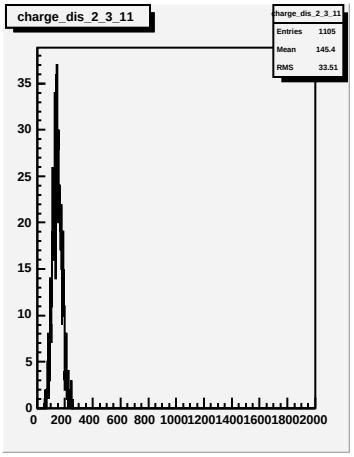
Entries 1105
Mean 183.4
RMS 26.11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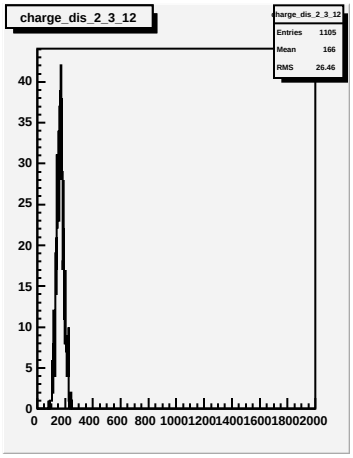
Entries 1105
Mean 145.4
RMS 33.51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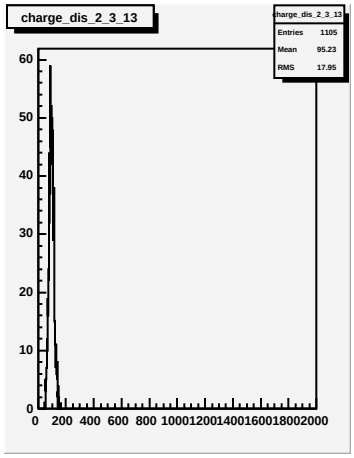
charge_dis_2_3_12
Entries 1105
Mean 166
RMS 26.46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Entries 1105
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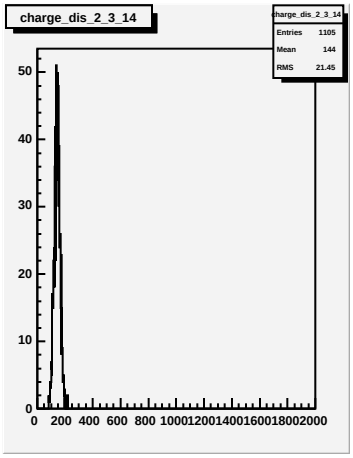
RMS 17.95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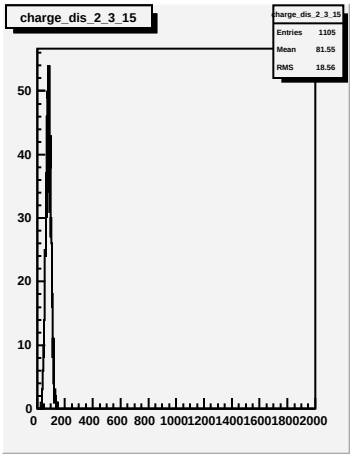
charge_dis_2_3_14
Entries 1105
Mean 144
RMS 21.45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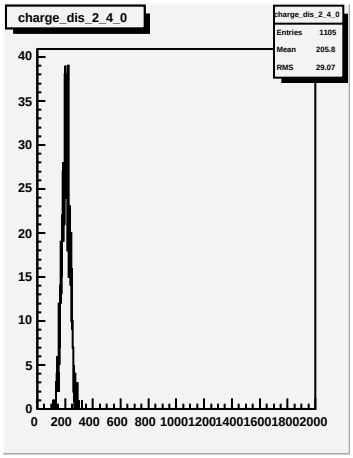
charge_dis_2_3_15
Entries 1105
Mean 81.55
RMS 18.56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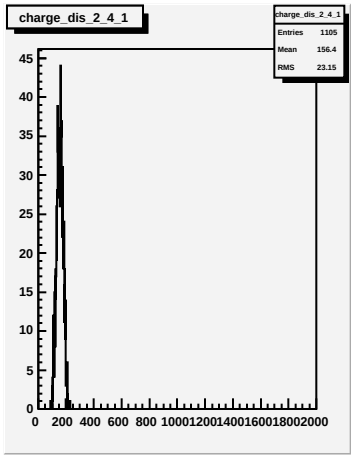
charge_dis_2_4_0
Entries 1105
Mean 205.8
RMS 29.07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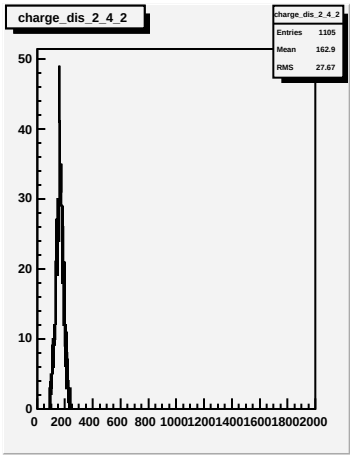
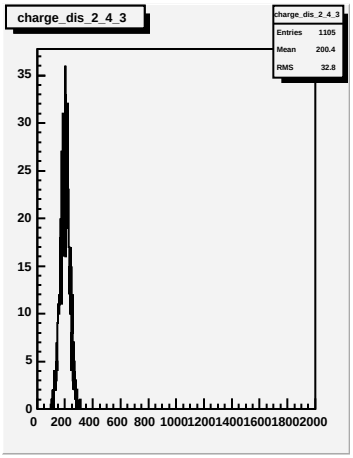
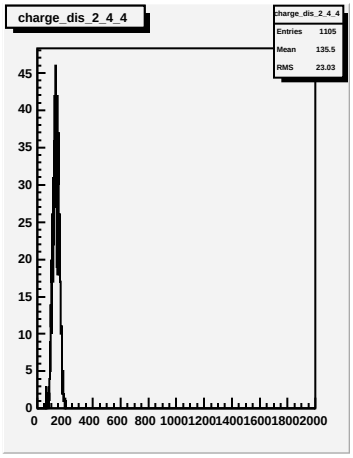
charge_dis_2_4_1
Entries 1105
Mean 156.4
RMS 23.15


charge_dis_2_4_2
charge_dis_2_4_2
Entries 1105
Mean 162.9
RMS 27.67


charge_dis_2_4_3
charge_dis_2_4_3
Entries 1105
Mean 200.4
RMS 32.8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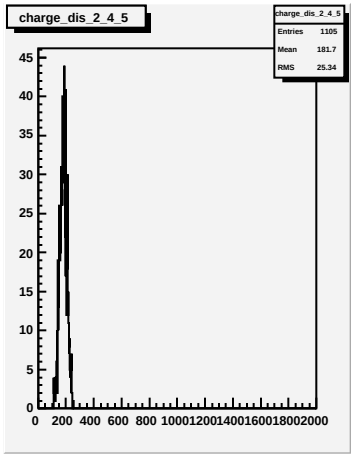
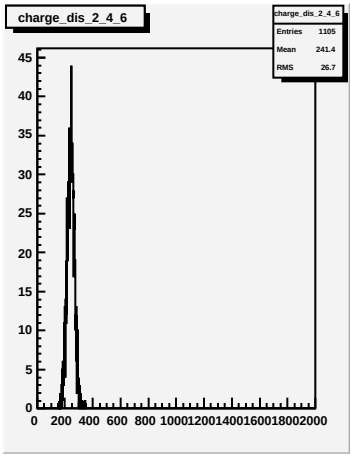
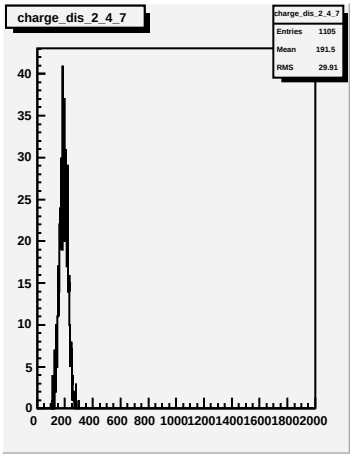
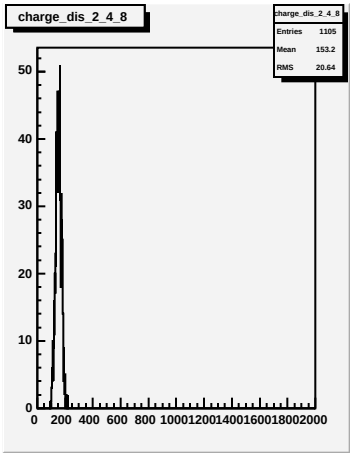
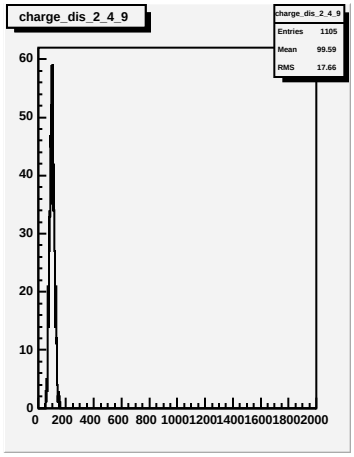
charge_dis_2_4_4
Entries 1105
Mean 135.5
RMS 23.03


charge_dis_2_4_5
charge_dis_2_4_5
Entries 1105
Mean 181.7
RMS 25.34


charge_dis_2_4_6
charge_dis_2_4_6
Entries 1105
Mean 241.4
RMS 26.7


charge_dis_2_4_7
charge_dis_2_4_7
Entries 1105
Mean 191.5
RMS 29.91


charge_dis_2_4_8
charge_dis_2_4_8
Entries 1105
Mean 153.2
RMS 20.64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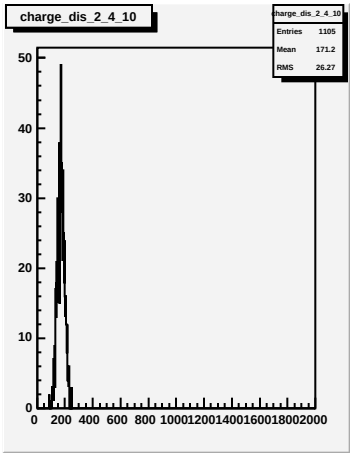
Entries 1105
Mean 99.59
RMS 17.66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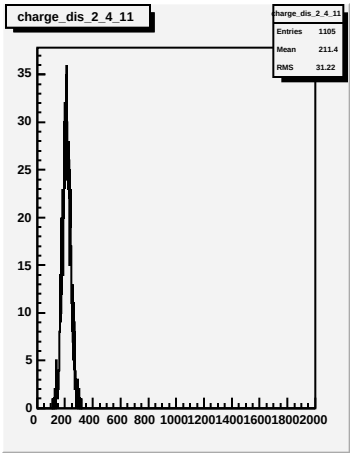
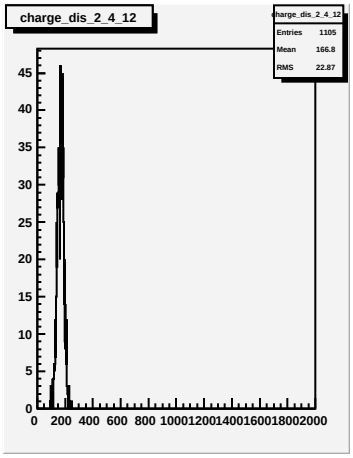
charge_dis_2_4_10
Entries 1105
Mean 171.2
RMS 26.27


charge_dis_2_4_11
charge_dis_2_4_11
Entries 1105
Mean 211.4
RMS 31.22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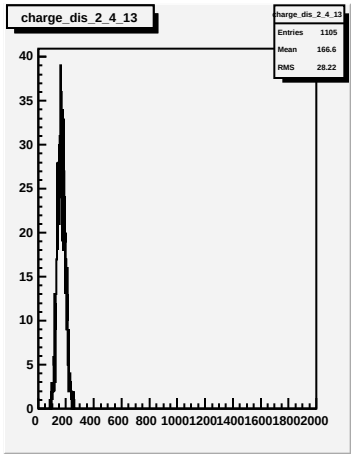
Entries 1105
Mean 166.8
RMS 22.87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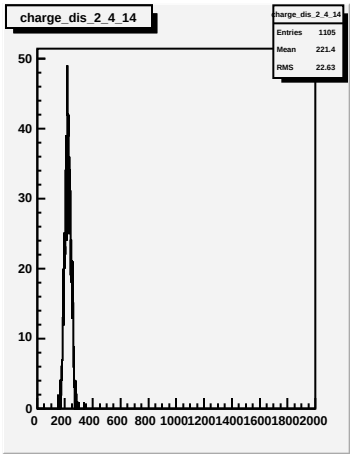
Entries 1105
Mean 166.6
RMS 28.22


charge_dis_2_4_14
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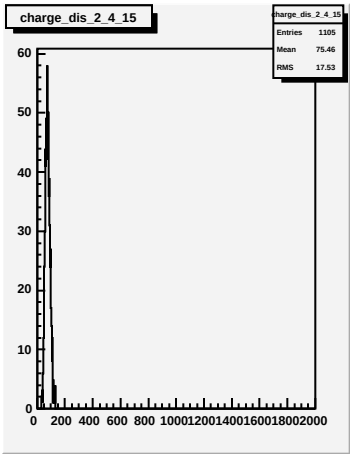
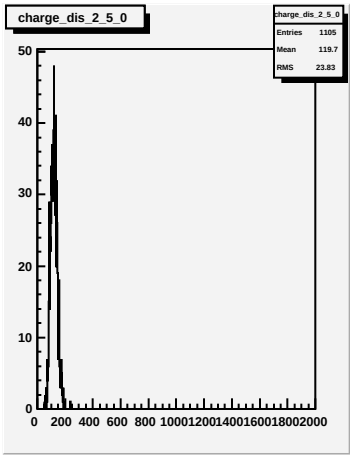
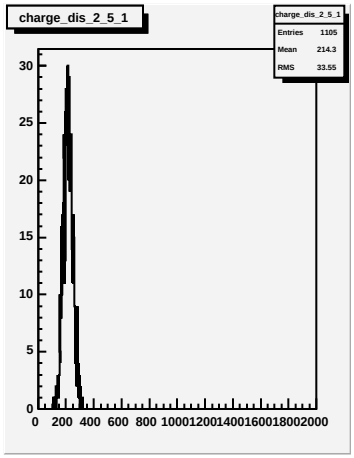
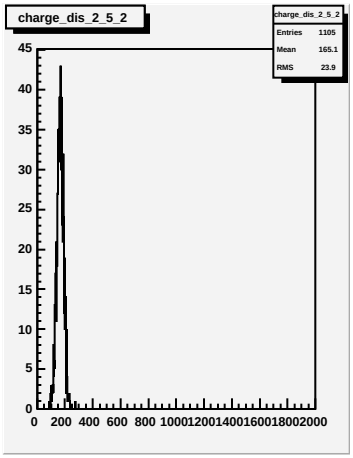
Entries 1105
Mean 221.4
RMS 22.63


charge_dis_2_4_15
charge_dis_2_4_15
Entries 1105
Mean 75.46
RMS 17.53


charge_dis_2_5_0
charge_dis_2_5_0
Entries 1105
Mean 119.7
RMS 23.83


charge_dis_2_5_1
charge_dis_2_5_1
Entries 1105
Mean 214.3
RMS 33.55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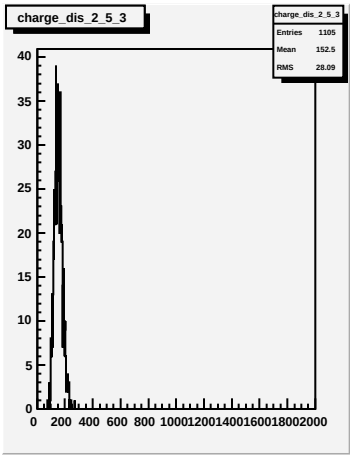
charge_dis_2_5_2
Entries 1105
Mean 165.1
RMS 23.9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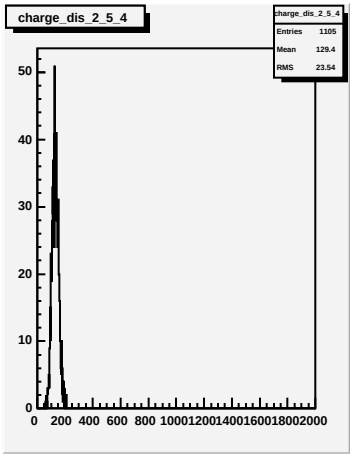
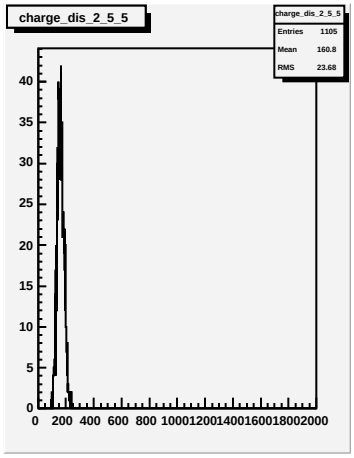
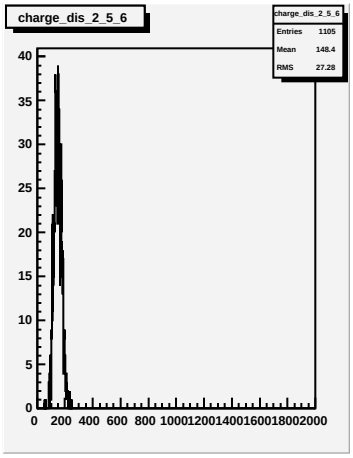
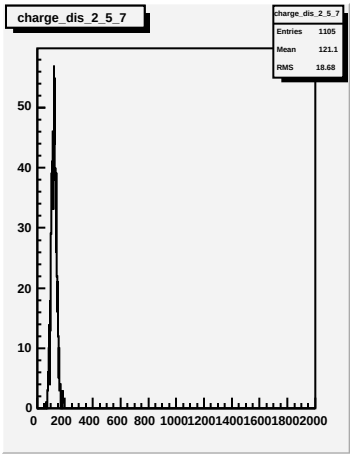
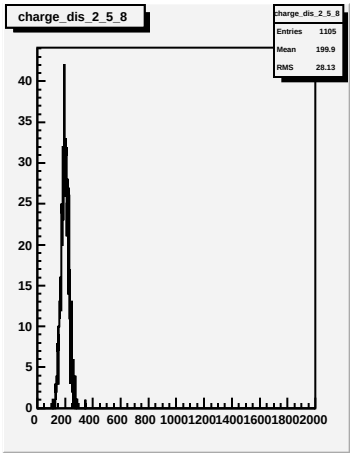
charge_dis_2_5_3
Entries 1105
Mean 152.5
RMS 28.09


charge_dis_2_5_4
charge_dis_2_5_4
Entries 1105
Mean 129.4
RMS 23.54


charge_dis_2_5_5
charge_dis_2_5_5
Entries 1105
Mean 160.8
RMS 23.68


charge_dis_2_5_6
charge_dis_2_5_6
Entries 1105
Mean 148.4
RMS 27.28


charge_dis_2_5_7
charge_dis_2_5_7
Entries 1105
Mean 121.1
RMS 18.68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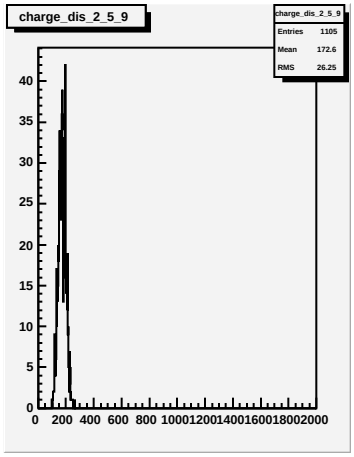
charge_dis_2_5_8
Entries 1105
Mean 199.9
RMS 28.13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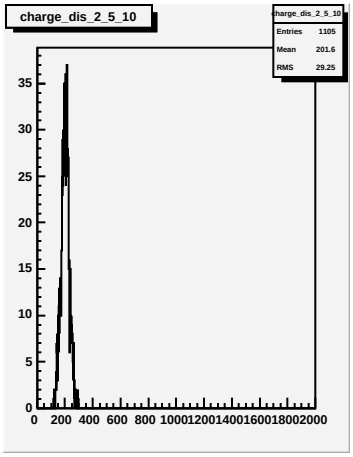
charge_dis_2_5_9
Entries 1105
Mean 172.6
RMS 26.25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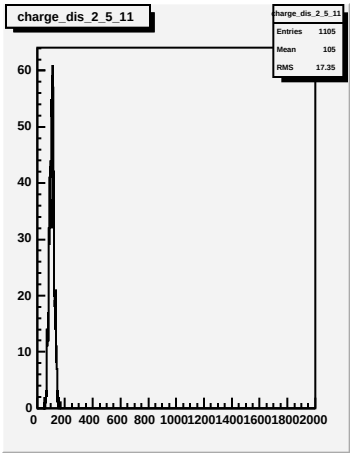
charge_dis_2_5_10
Entries 1105
Mean 201.6
RMS 29.25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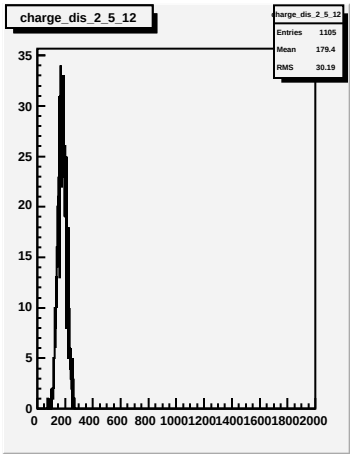
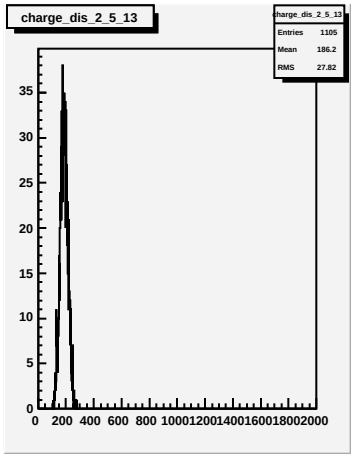
charge_dis_2_5_11
Entries 1105
Mean 105
RMS 17.35


charge_dis_2_5_12
charge_dis_2_5_12
Entries 1105
Mean 179.4
RMS 30.19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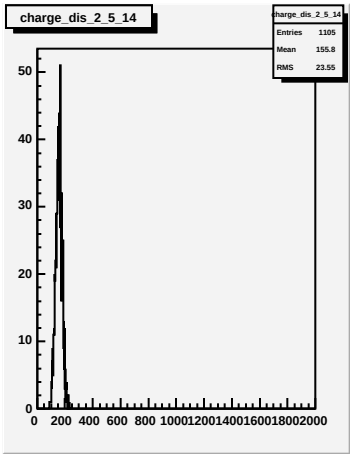
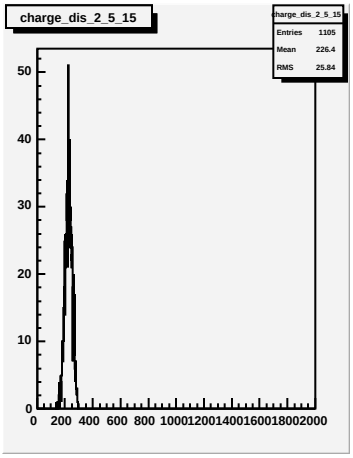
Entries 1105
Mean 186.2
RMS 27.82


charge_dis_2_5_14
charge_dis_2_5_14
Entries 1105
Mean 155.8
RMS 23.55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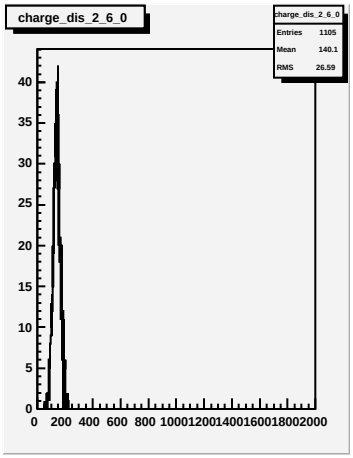
charge_dis_2_5_15
Entries 1105
Mean 226.4
RMS 25.84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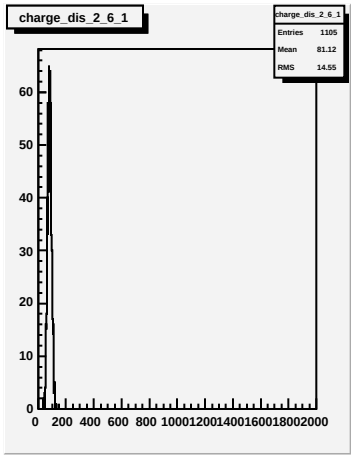
Entries 1105
Mean 140.1
RMS 26.59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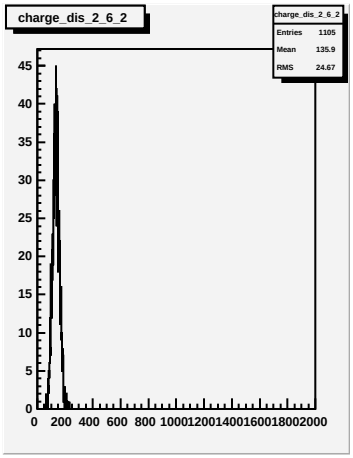
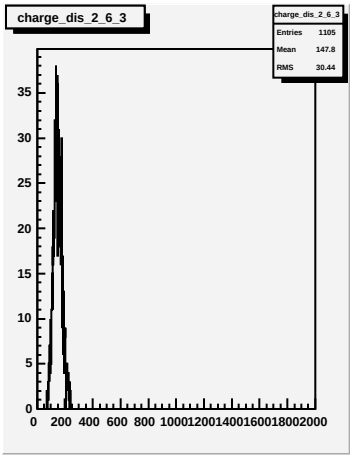
Mean 81.12
RMS 14.55


charge_dis_2_6_2
charge_dis_2_6_2
Entries 1105
Mean 135.9
RMS 24.67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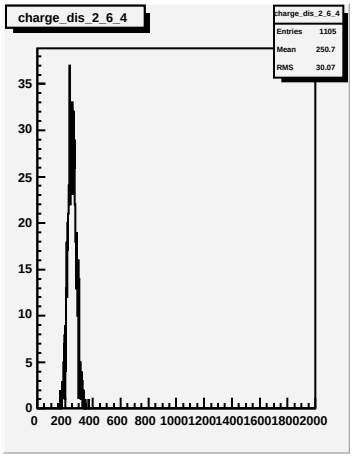
Entries 1105
Mean 147.8
RMS 30.44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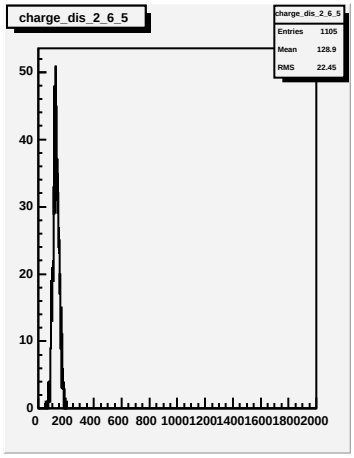
charge_dis_2_6_4
Entries 1105
Mean 250.7
RMS 30.07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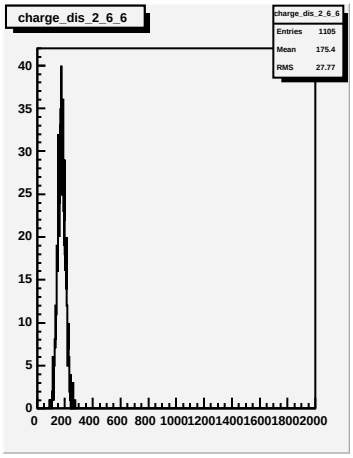
charge_dis_2_6_5
Entries 1105
Mean 128.9
RMS 22.45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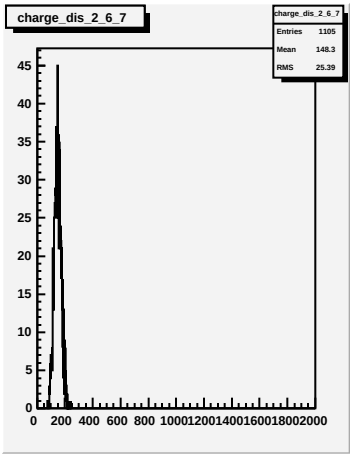
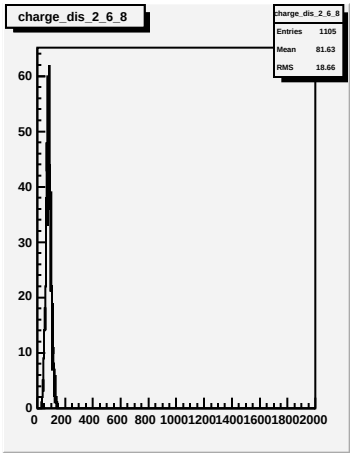
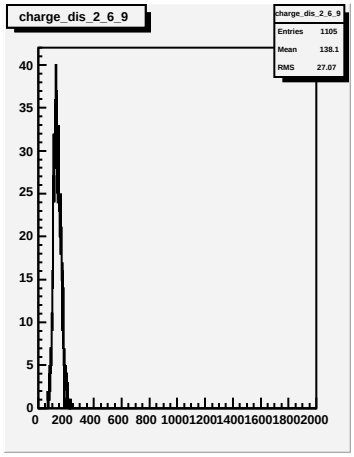
charge_dis_2_6_6
Entries 1105
Mean 175.4
RMS 27.77


charge_dis_2_6_7
charge_dis_2_6_7
Entries 1105
Mean 148.3
RMS 25.39


charge_dis_2_6_8
charge_dis_2_6_8
Entries 1105
Mean 81.63
RMS 18.66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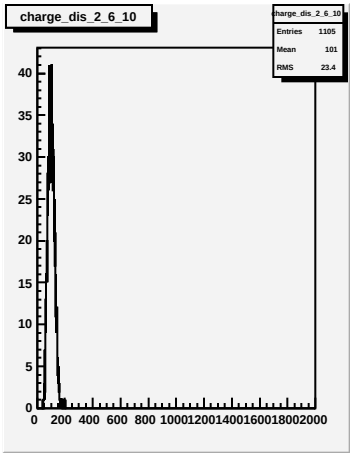
charge_dis_2_6_9
Entries 1105
Mean 138.1
RMS 27.07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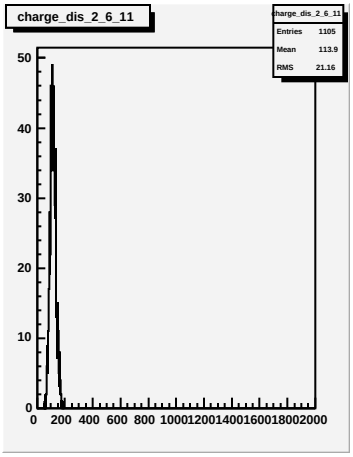
charge_dis_2_6_10
Entries 1105
Mean 101
RMS 23.4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Entries 1105
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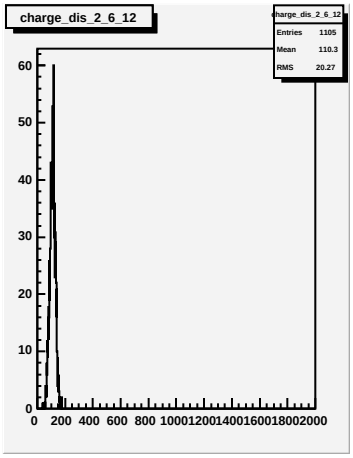
RMS 21.16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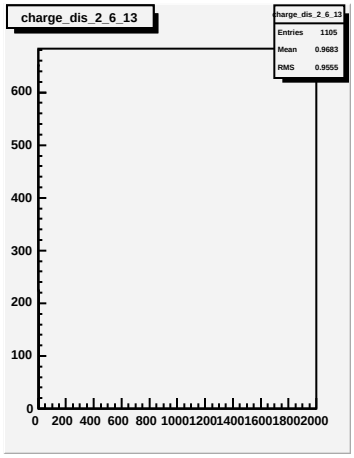
Entries 1105
Mean 110.3
RMS 20.27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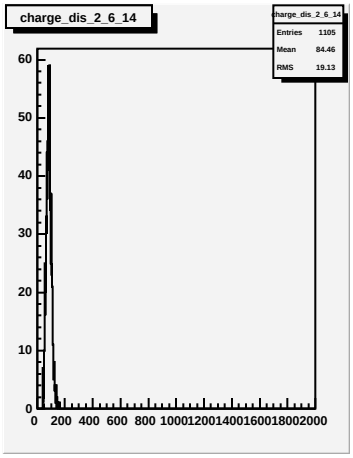
RMS 0.9555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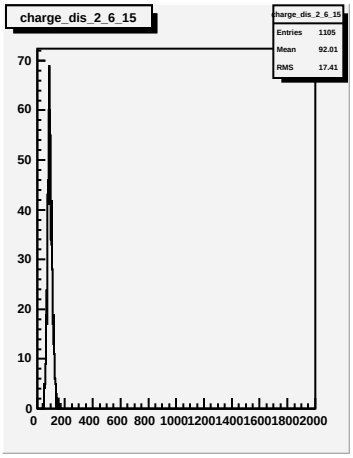
charge_dis_2_6_14
Entries 1105
Mean 84.46
RMS 19.13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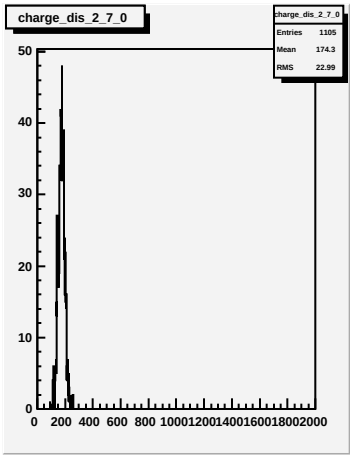
Entries 1105
Mean 92.01
RMS 17.41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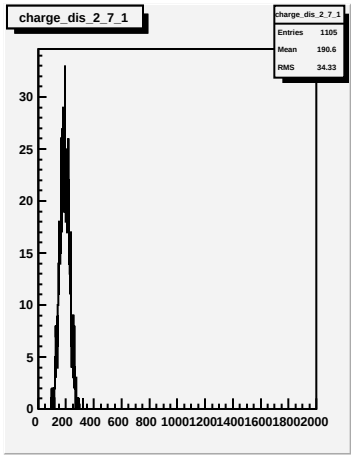
Entries 1105
Mean 174.3
RMS 22.99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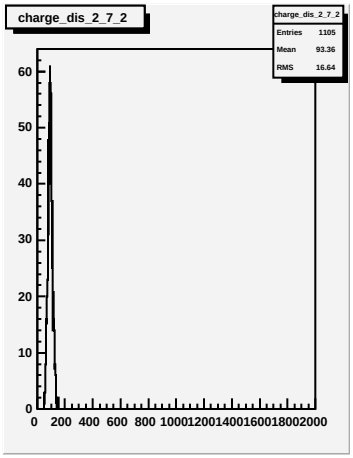
charge_dis_2_7_1
Entries 1105
Mean 190.6
RMS 34.33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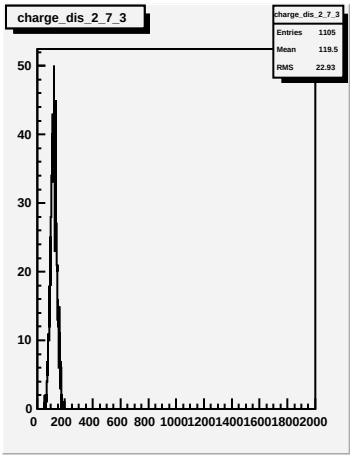
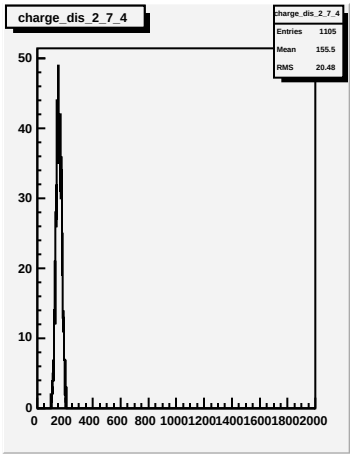
charge_dis_2_7_2
Entries 1105
Mean 93.36
RMS 16.64


charge_dis_2_7_3
charge_dis_2_7_3
Entries 1105
Mean 119.5
RMS 22.93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charge_dis_2_7_4
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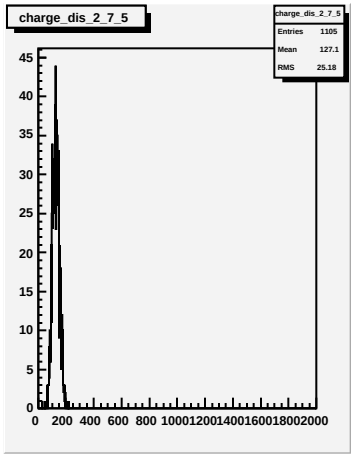
Mean 155.5
RMS 20.48


charge_dis_2_7_5
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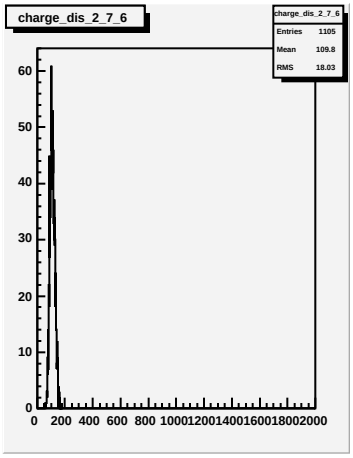
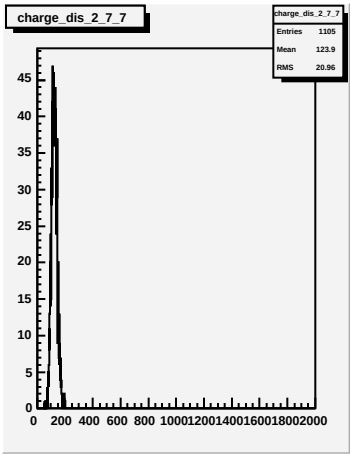
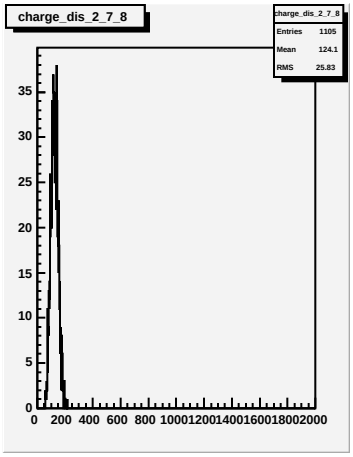
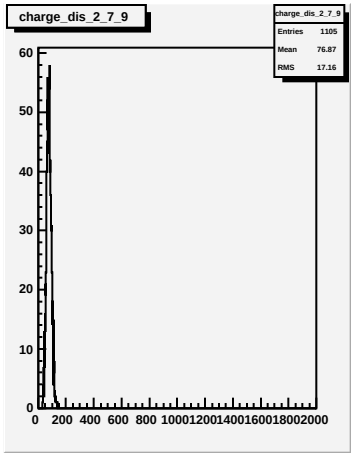
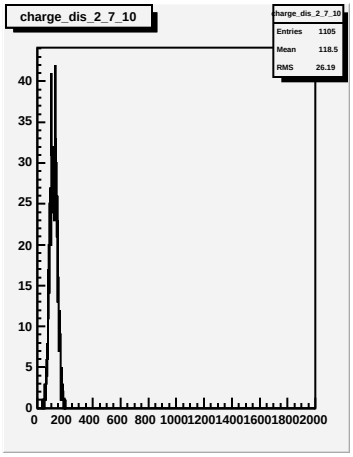
Entries 1105
Mean 127.1
RMS 25.18


charge_dis_2_7_6
charge_dis_2_7_6
Entries 1105
Mean 109.8
RMS 18.03


charge_dis_2_7_7
charge_dis_2_7_7
Entries 1105
Mean 123.9
RMS 20.96


charge_dis_2_7_8
charge_dis_2_7_8
Entries 1105
Mean 124.1
RMS 25.83


charge_dis_2_7_9
charge_dis_2_7_9
Entries 1105
Mean 76.87
RMS 17.16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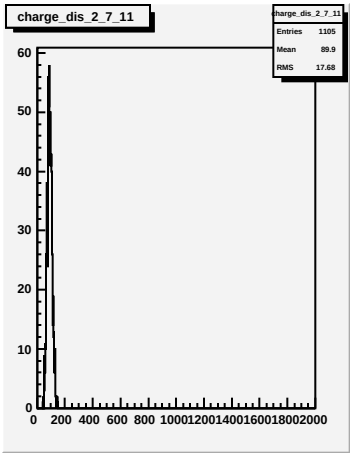
Entries 1105
Mean 118.5
RMS 26.19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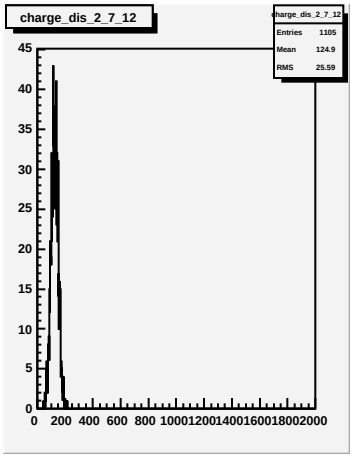
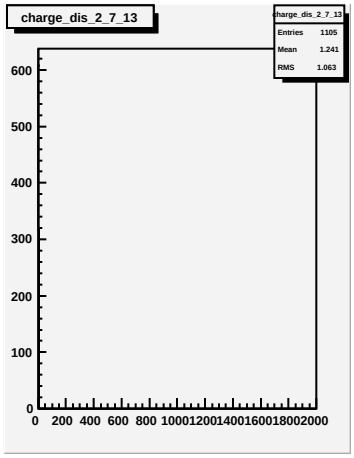
Entries 1105
Mean 89.9
RMS 17.68


charge_dis_2_7_12
charge_dis_2_7_12
Entries 1105
Mean 124.9
RMS 25.59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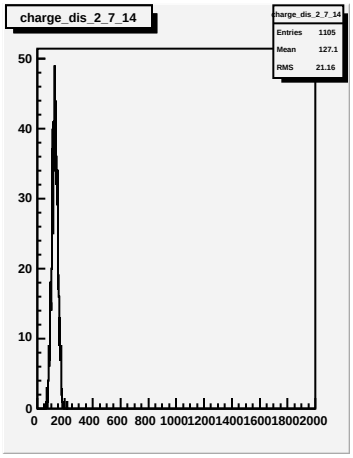
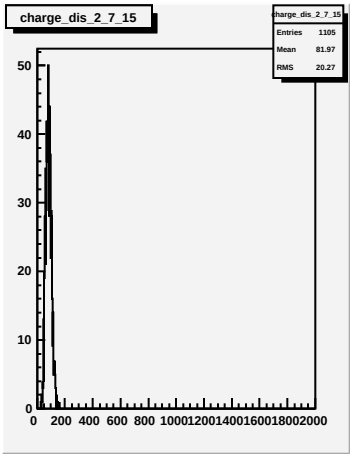
Entries 1105
Mean 1.241
RMS 1.063


charge_dis_2_7_14
charge_dis_2_7_14
Entries 1105
Mean 127.1
RMS 21.16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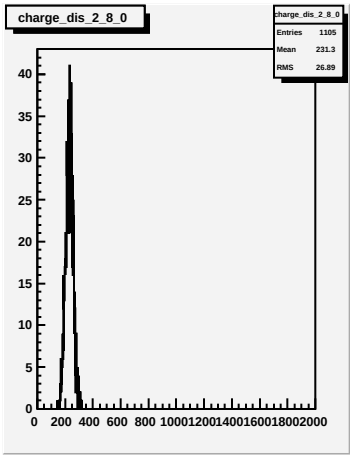
charge_dis_2_7_15
Entries 1105
Mean 81.97
RMS 20.27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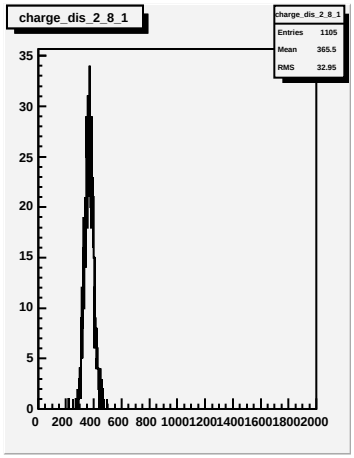
charge_dis_2_8_0
Entries 1105
Mean 231.3
RMS 26.89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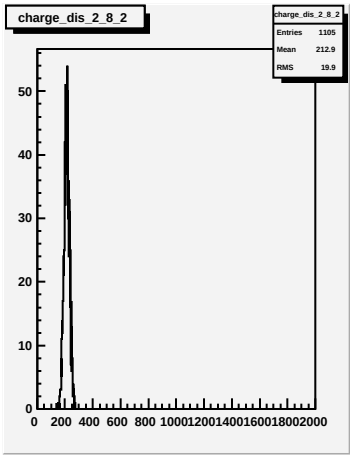
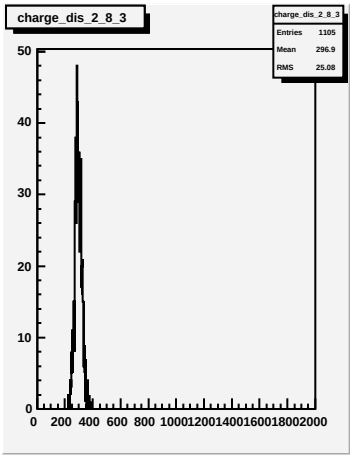
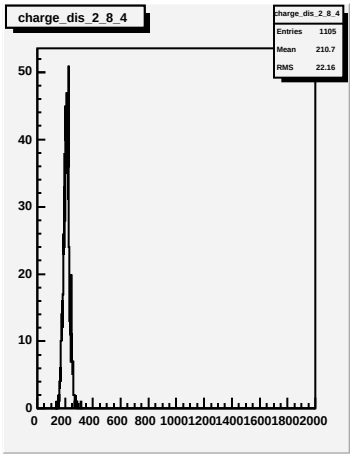
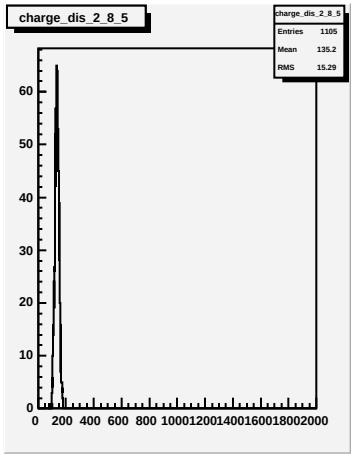
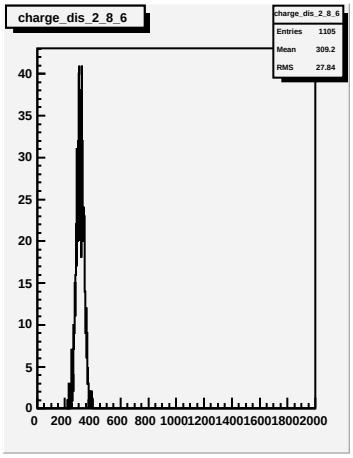
charge_dis_2_8_1
Entries 1105
Mean 365.5
RMS 32.95

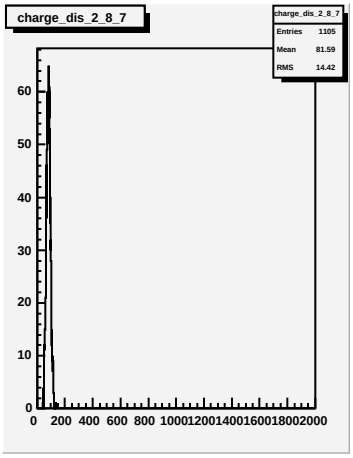

charge_dis_2_8_2
charge_dis_2_8_2
Entries 1105
Mean 212.9
RMS 19.9


charge_dis_2_8_3
charge_dis_2_8_3
Entries 1105
Mean 296.9
RMS 25.08


charge_dis_2_8_4
charge_dis_2_8_4
Entries 1105
Mean 210.7
RMS 22.16


charge_dis_2_8_5
charge_dis_2_8_5
Entries 1105
Mean 135.2
RMS 15.29


charge_dis_2_8_6
charge_dis_2_8_6
Entries 1105
Mean 309.2
RMS 27.84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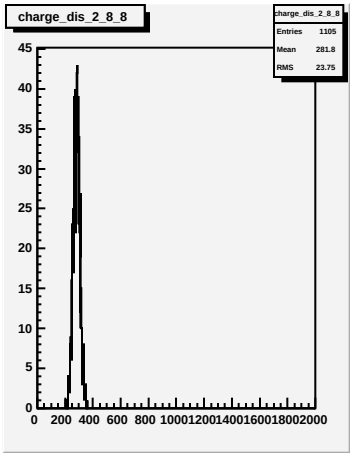
Entries 1105
Mean 81.59
RMS 14.42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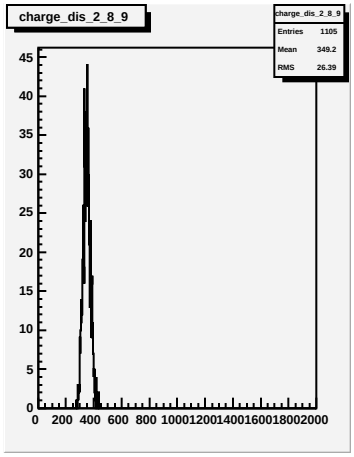
charge_dis_2_8_8
Entries 1105
Mean 281.8
RMS 23.75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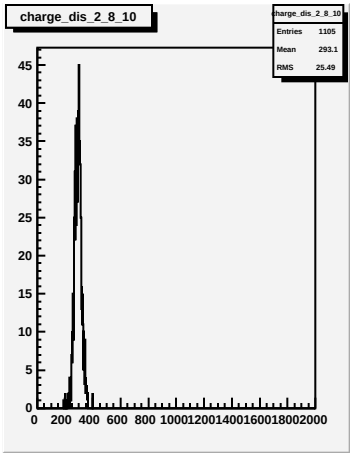
charge_dis_2_8_9
Entries 1105
Mean 349.2
RMS 26.39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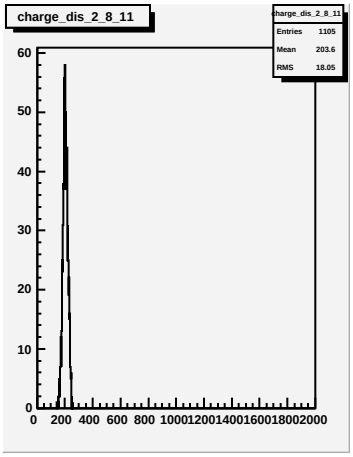
charge_dis_2_8_10
Entries 1105
Mean 293.1
RMS 25.49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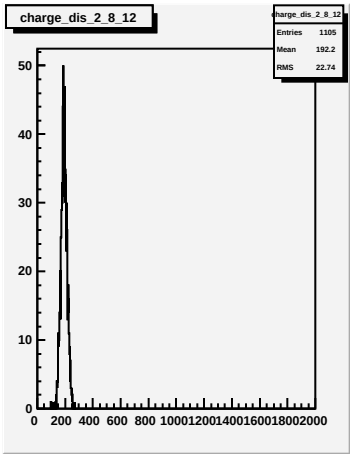
charge_dis_2_8_11
Entries 1105
Mean 203.6
RMS 18.05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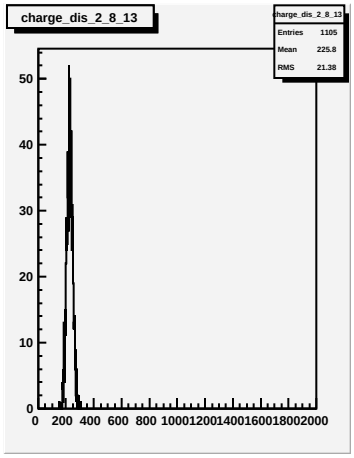
Entries 1105
Mean 192.2
RMS 22.74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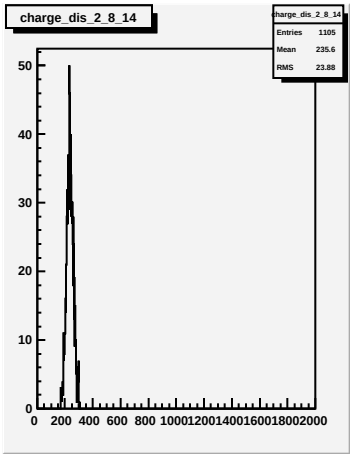
charge_dis_2_8_13
Entries 1105
Mean 225.8
RMS 21.38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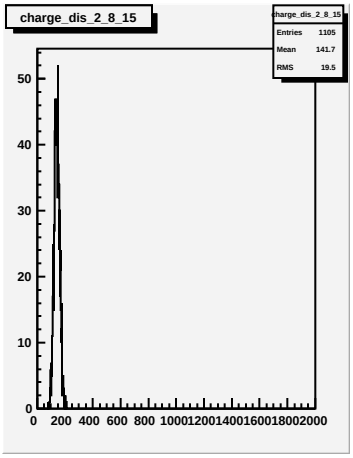
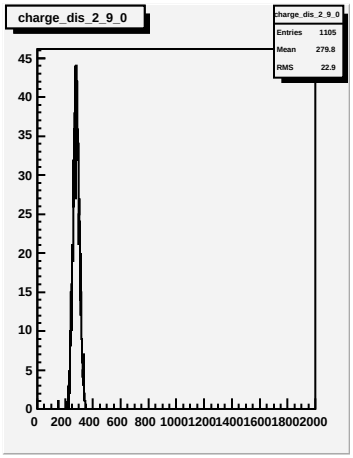
charge_dis_2_8_14
Entries 1105
Mean 235.6
RMS 23.88


charge_dis_2_8_15
charge_dis_2_8_15
Entries 1105
Mean 141.7
RMS 19.5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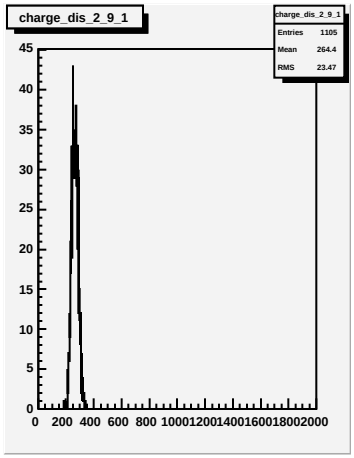
Entries 1105
Mean 279.8
RMS 22.9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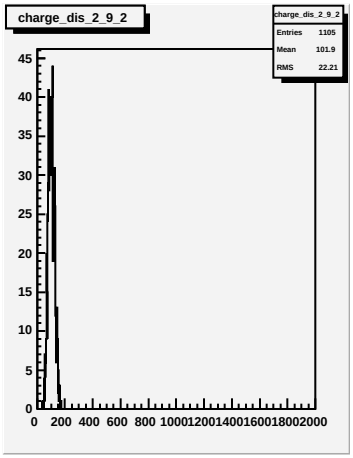
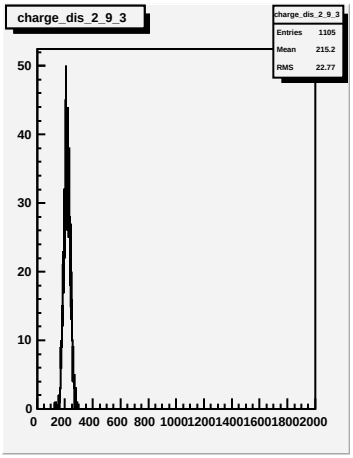
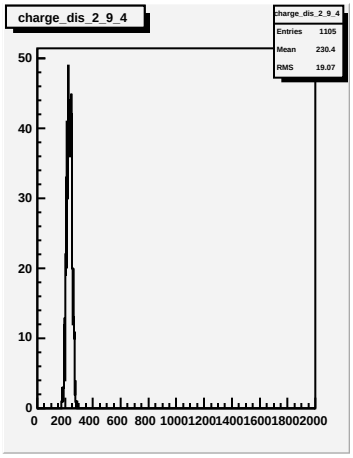
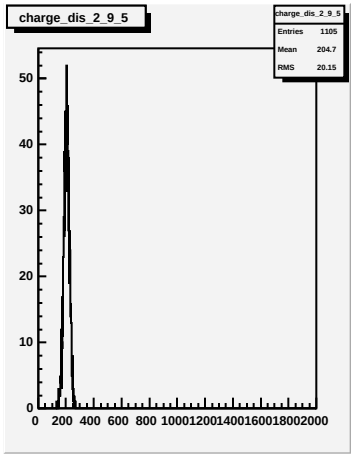
charge_dis_2_9_1
Entries 1105
Mean 264.4
RMS 23.47


charge_dis_2_9_2
charge_dis_2_9_2
Entries 1105
Mean 101.9
RMS 22.21


charge_dis_2_9_3
charge_dis_2_9_3
Entries 1105
Mean 215.2
RMS 22.77


charge_dis_2_9_4
charge_dis_2_9_4
Entries 1105
Mean 230.4
RMS 19.07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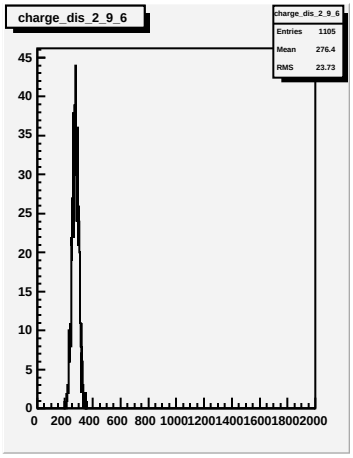
charge_dis_2_9_5
Entries 1105
Mean 204.7
RMS 20.15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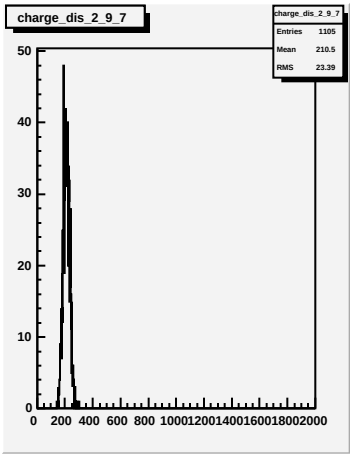
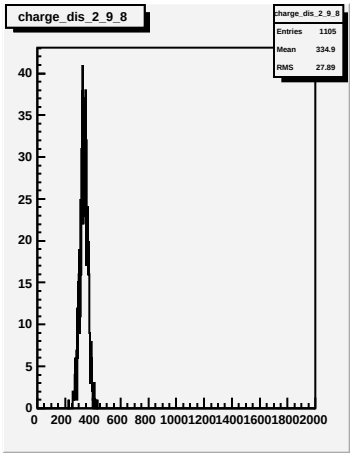
Entries 1105
Mean 276.4
RMS 23.73


charge_dis_2_9_7
charge_dis_2_9_7
Entries 1105
Mean 210.5
RMS 23.39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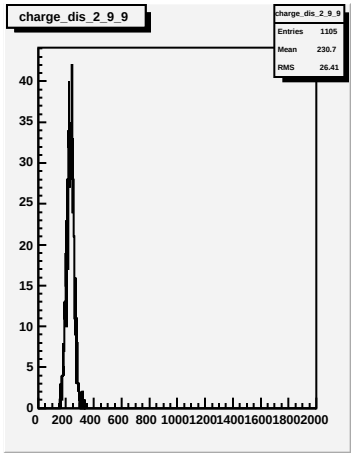
Entries 1105
Mean 334.9
RMS 27.89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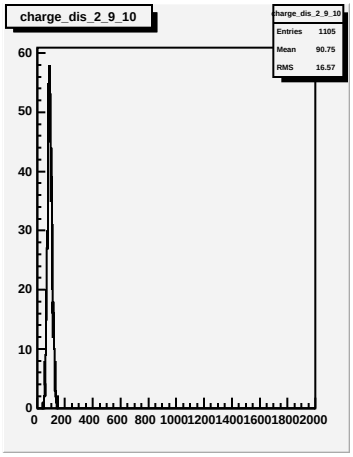
Entries 1105
Mean 230.7
RMS 26.41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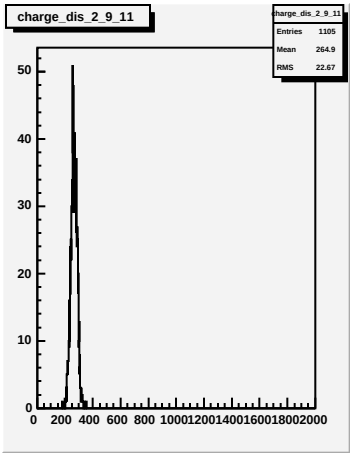
Entries 1105
Mean 90.75
RMS 16.57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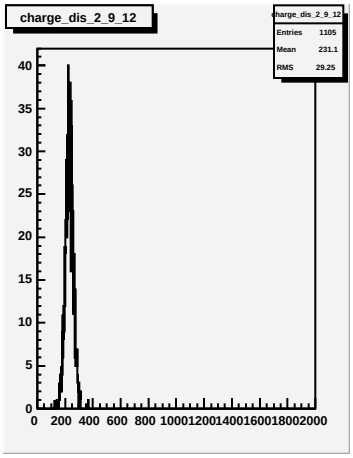
Entries 1105
Mean 264.9
RMS 22.67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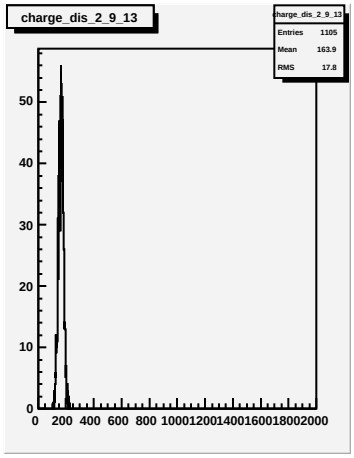
charge_dis_2_9_12
Entries 1105
Mean 231.1
RMS 29.25


charge_dis_2_9_13
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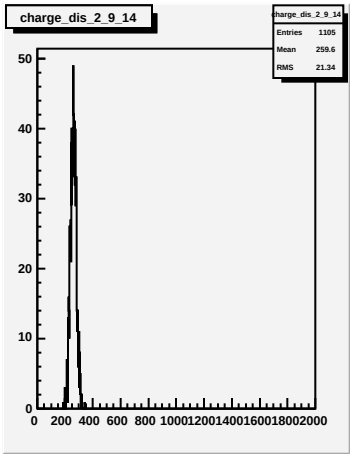
Entries 1105
Mean 163.9
RMS 17.8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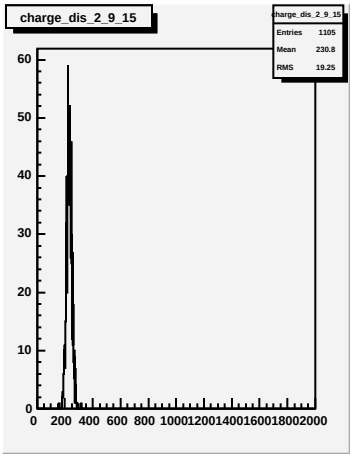
Entries 1105
Mean 259.6
RMS 21.34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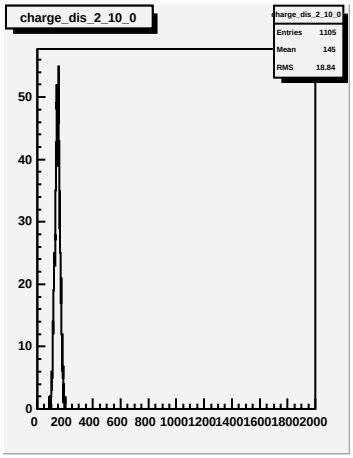
Entries 1105
Mean 230.8
RMS 19.25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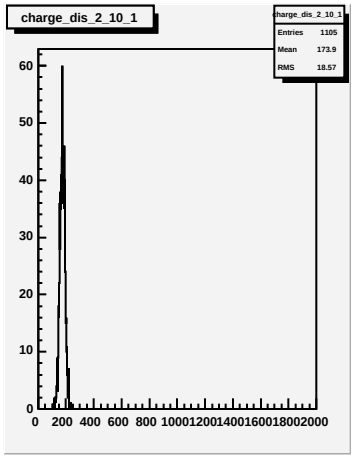
charge_dis_2_10_0
Entries 1105
Mean 145
RMS 18.84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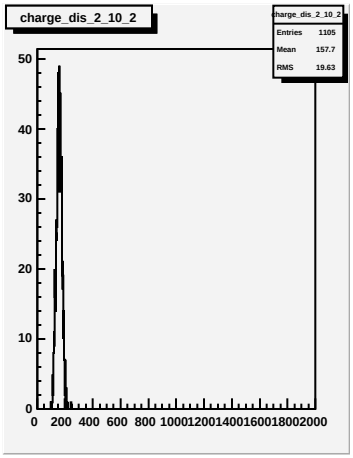
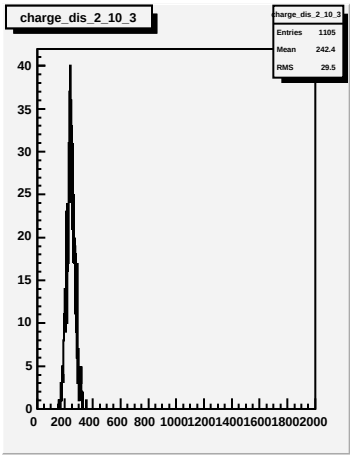
charge_dis_2_10_1
Entries 1105
Mean 173.9
RMS 18.57


charge_dis_2_10_2
charge_dis_2_10_2
Entries 1105
Mean 157.7
RMS 19.63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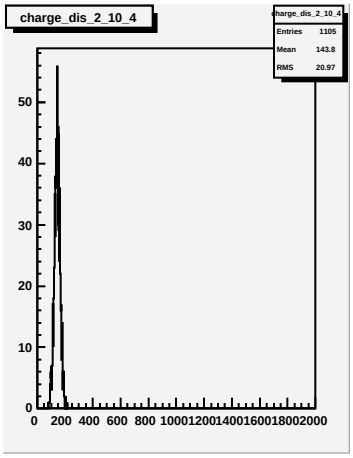
charge_dis_2_10_3
Entries 1105
Mean 242.4
RMS 29.5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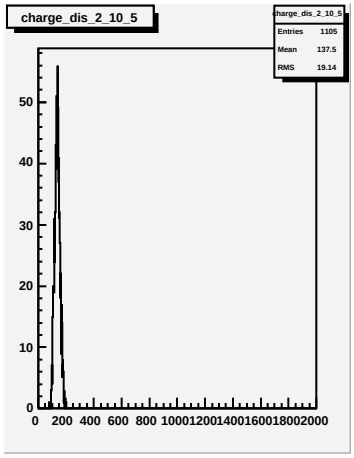
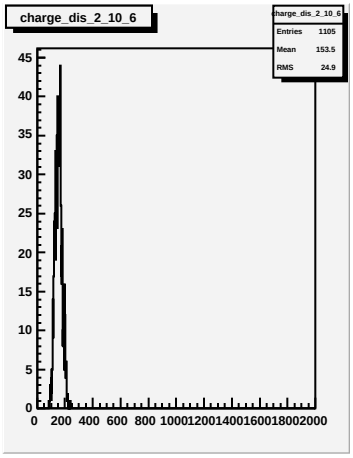
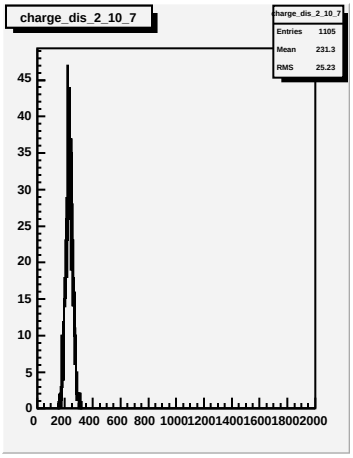
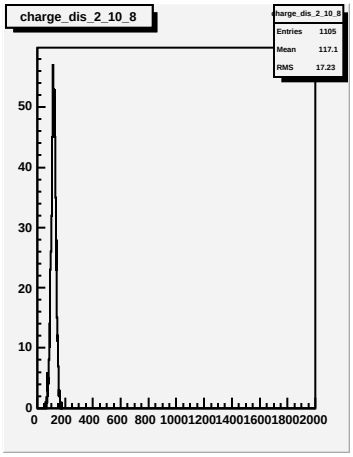
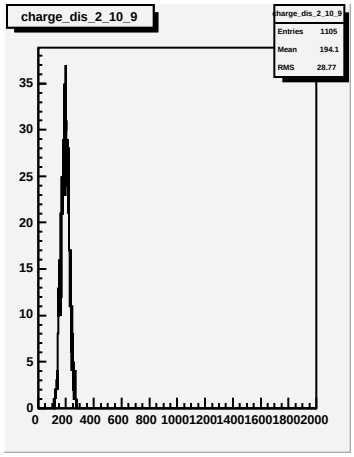
charge_dis_2_10_4
Entries 1105
Mean 143.8
RMS 20.97

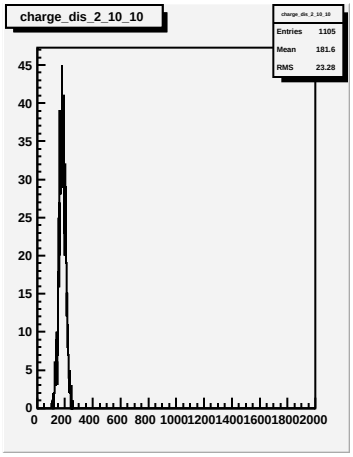

charge_dis_2_10_5
charge_dis_2_10_5
Entries 1105
Mean 137.5
RMS 19.14

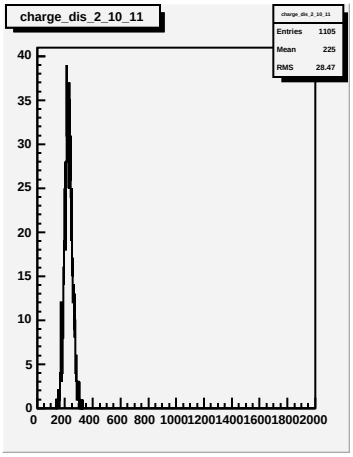

charge_dis_2_10_6
charge_dis_2_10_6
Entries 1105
Mean 153.5
RMS 24.9

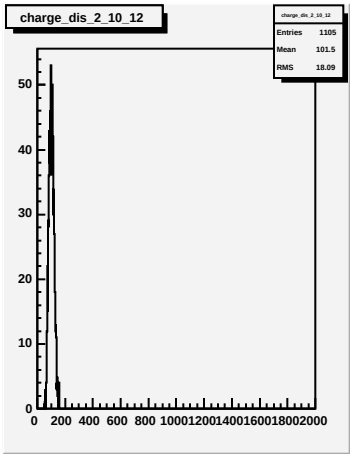

charge_dis_2_10_7
charge_dis_2_10_7
Entries 1105
Mean 231.3
RMS 25.23

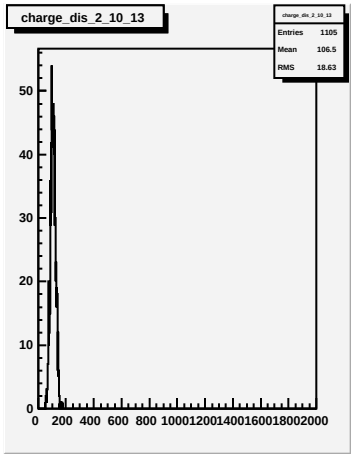

charge_dis_2_10_8
charge_dis_2_10_8
Entries 1105
Mean 117.1
RMS 17.23

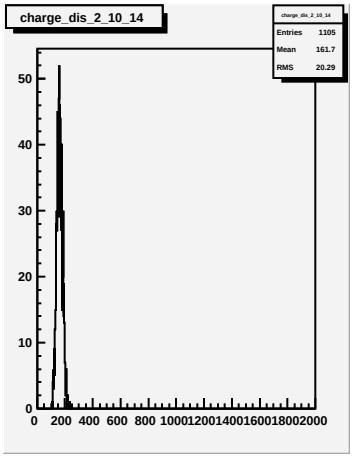

charge_dis_2_10_9
charge_dis_2_10_9
Entries 1105
Mean 194.1
RMS 28.77


charge_dis_2_10_10
charge_dis_2_10_10
Entries 1105
Mean 181.6
RMS 23.28


charge_dis_2_10_11
charge_dis_2_10_11
Entries 1105
Mean 225
RMS 28.47


charge_dis_2_10_12
charge_dis_2_10_12
Entries 1105
Mean 101.5
RMS 18.09


charge_dis_2_10_13
charge_dis_2_10_13
Entries 1105
Mean 106.5
RMS 18.63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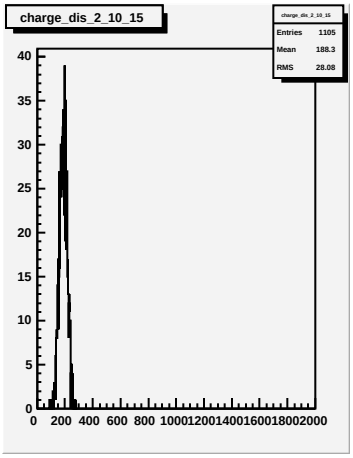
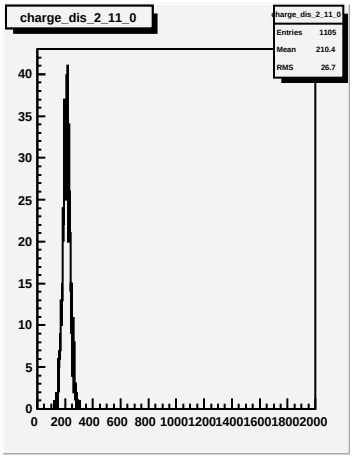
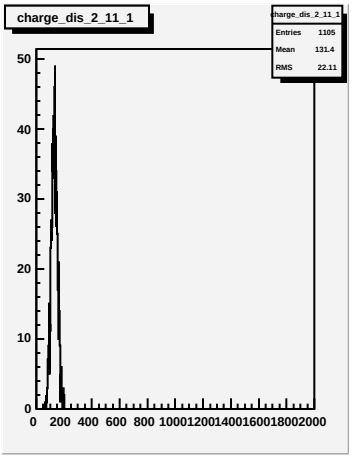
charge_dis_2_10_14
Entries 1105
Mean 161.7
RMS 20.29


charge_dis_2_10_15
charge_dis_2_10_15
Entries 1105
Mean 188.3
RMS 28.08


charge_dis_2_11_0
Entries 1105
Mean 210.4
RMS 26.7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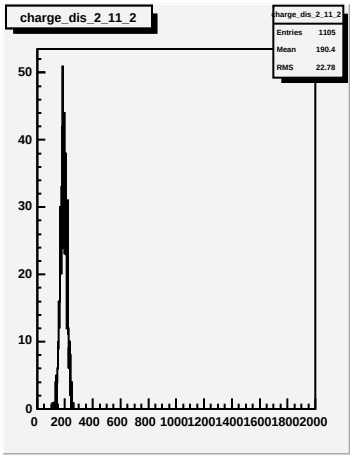
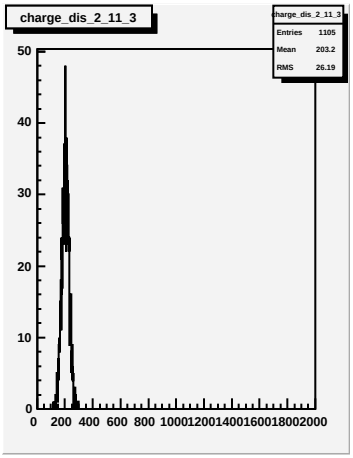
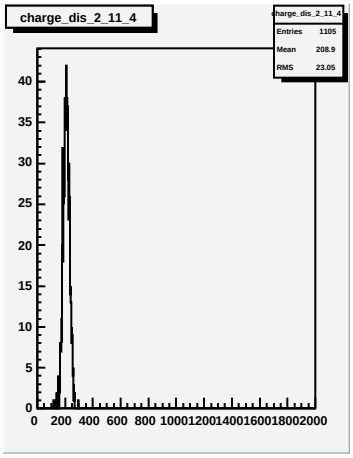
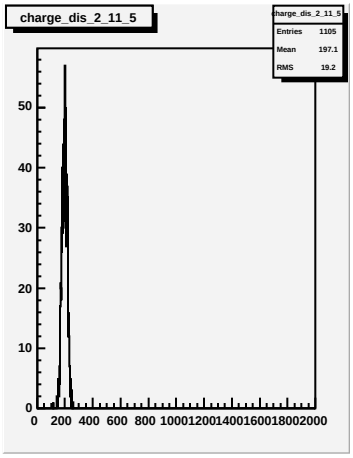
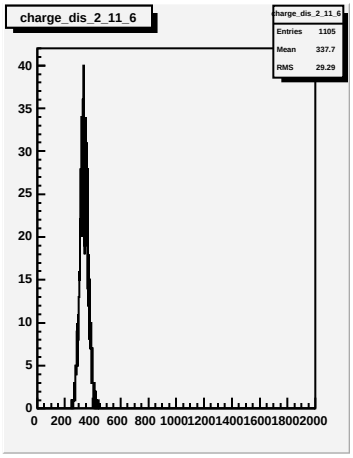
Entries 1105
Mean 131.4
RMS 22.11

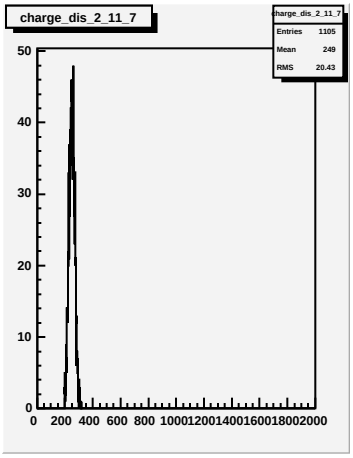

charge_dis_2_11_2
Entries 1105
Mean 190.4
RMS 22.78


charge_dis_2_11_3
Entries 1105
Mean 203.2
RMS 26.19


charge_dis_2_11_4
Entries 1105
Mean 208.9
RMS 23.05


charge_dis_2_11_5
Entries 1105
Mean 197.1
RMS 19.2


charge_dis_2_11_6
Entries 1105
Mean 337.7
RMS 29.29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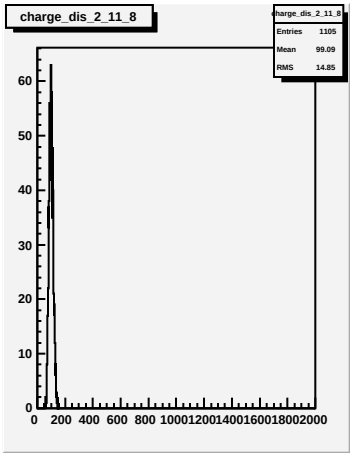
Entries 1105
Mean 249
RMS 20.43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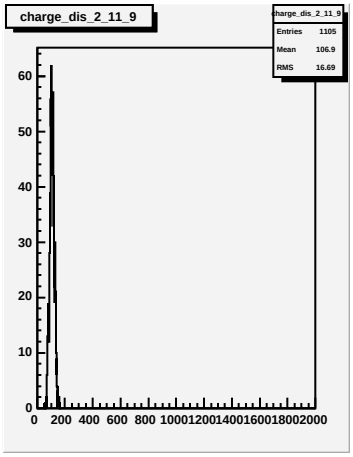
Entries 1105
Mean 99.09
RMS 14.85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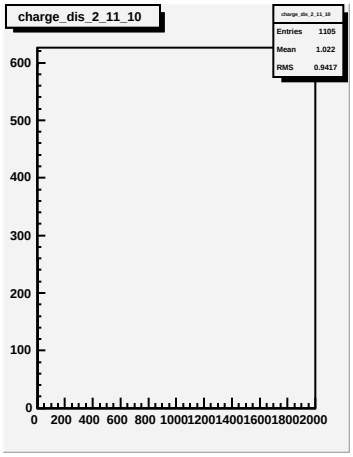
Entries 1105
Mean 106.9
RMS 16.69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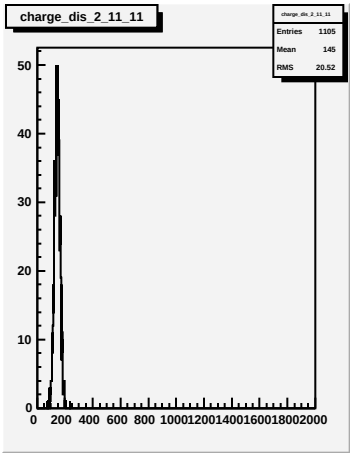
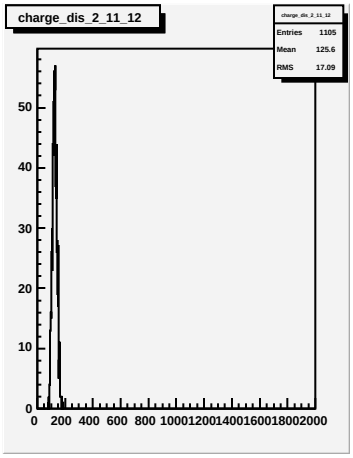
Entries 1105
Mean 1.022
RMS 0.9417


charge_dis_2_11_11
Entries 1105
Mean 145
RMS 20.52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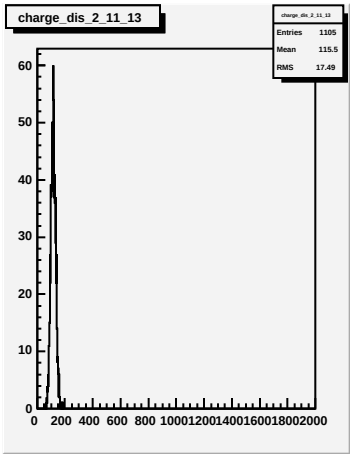
Entries 1105
Mean 125.6
RMS 17.09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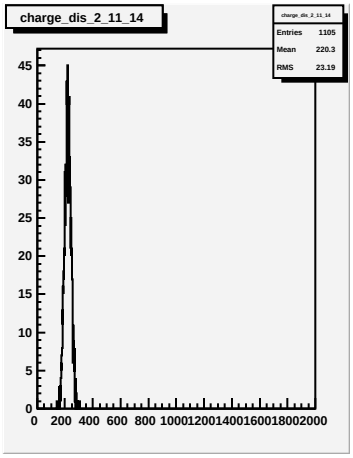
Entries 1105
Mean 115.5
RMS 17.49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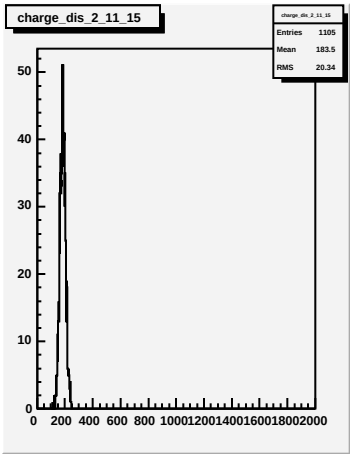
Entries 1105
Mean 220.3
RMS 23.19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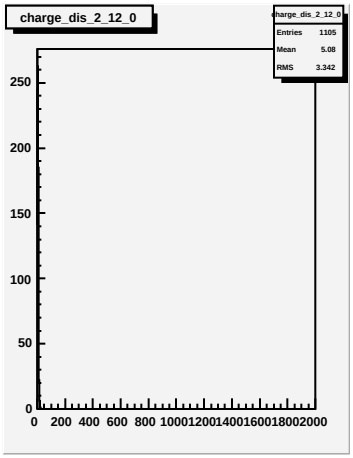
Entries 1105
Mean 183.5
RMS 20.34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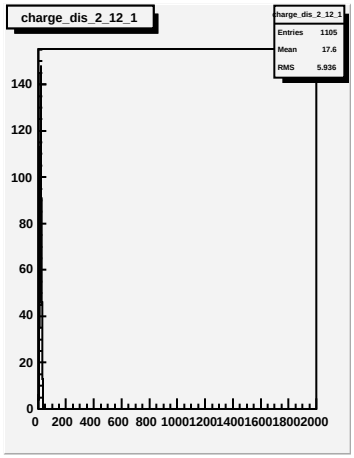
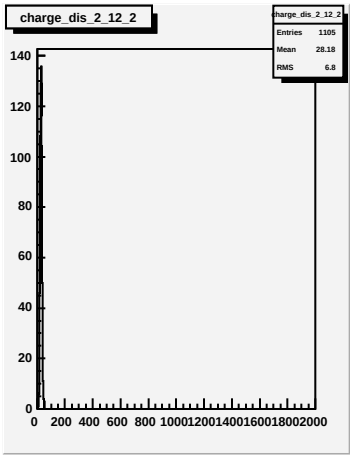
Entries 1105
Mean 5.08
RMS 3.342


charge_dis_2_12_1
Entries 1105
Mean 17.6
RMS 5.936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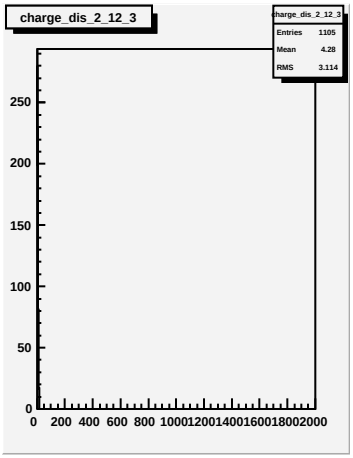
Entries 1105
Mean 28.18
RMS 6.8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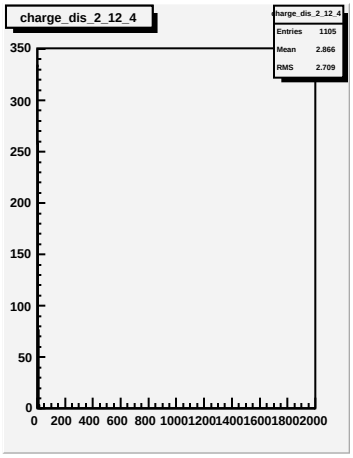
Mean 4.28
RMS 3.114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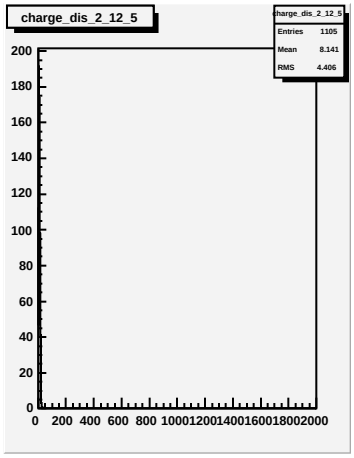
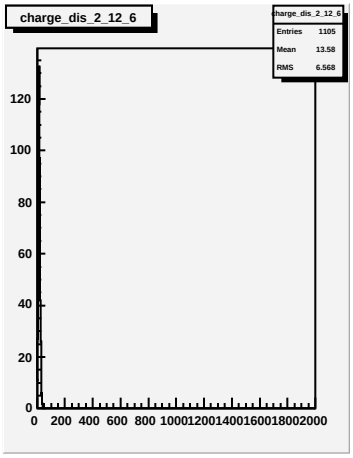
Entries 1105
Mean 2.866
RMS 2.709


charge_dis_2_12_5
Entries 1105
Mean 8.141
RMS 4.406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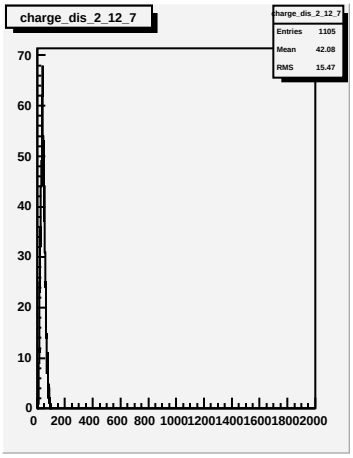
Entries 1105
Mean 13.58
RMS 6.568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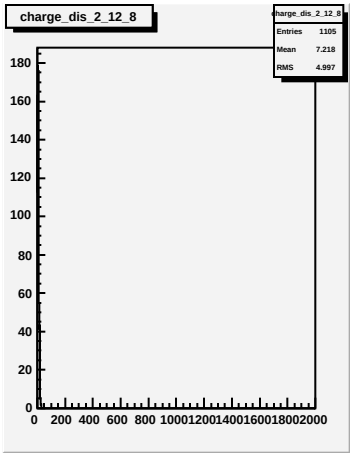
Entries 1105
Mean 42.08
RMS 15.47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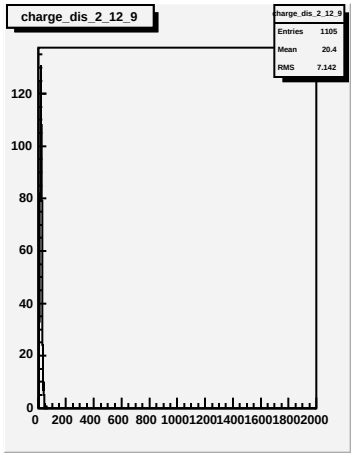
Entries 1105
Mean 7.218
RMS 4.997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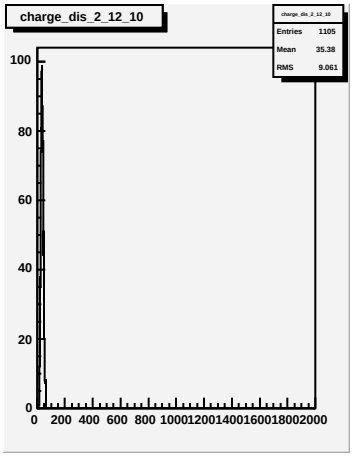
Entries 1105
Mean 20.4
RMS 7.142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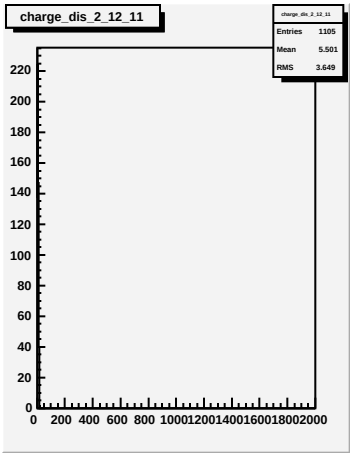
Entries 1105
Mean 35.38
RMS 9.061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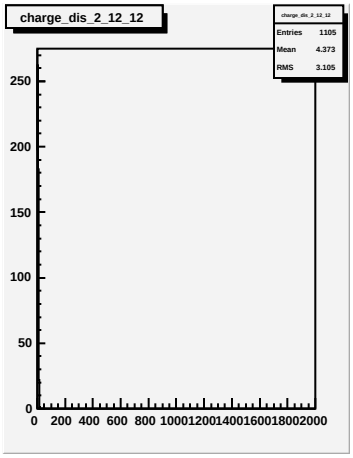
Entries 1105
Mean 5.501
RMS 3.649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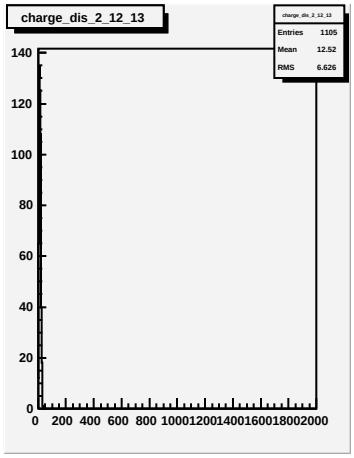
Entries 1105
Mean 4.373
RMS 3.105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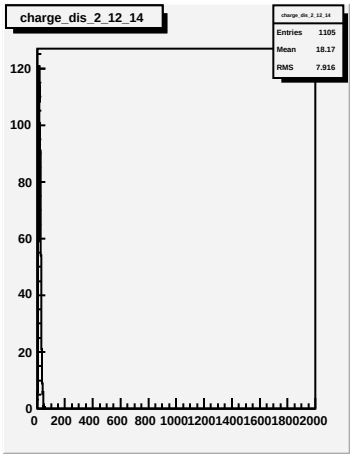
Mean 12.52
RMS 6.626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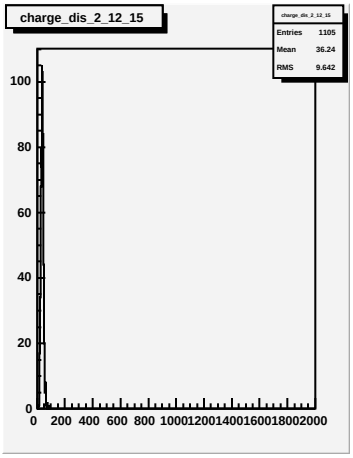
RMS 7.916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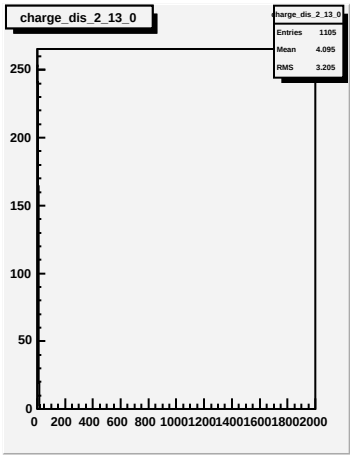
RMS 9.642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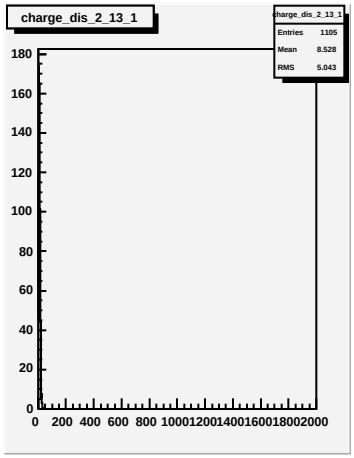
Entries 1105
Mean 4.095
RMS 3.205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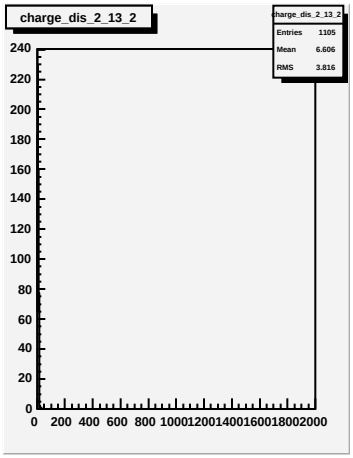
RMS 5.043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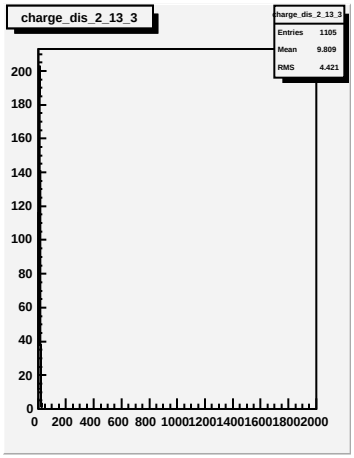
Mean 6.606
RMS 3.816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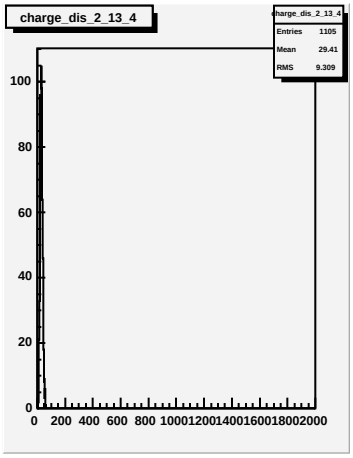
Mean 9.809
RMS 4.421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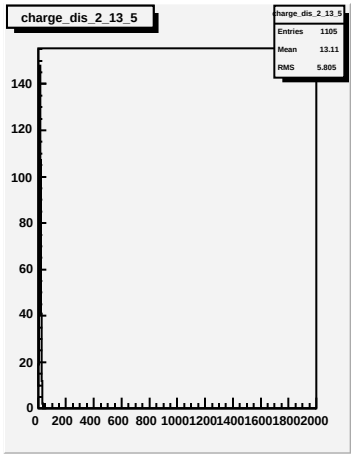
RMS 9.309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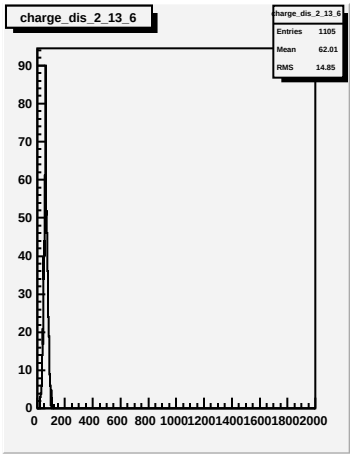
Entries 1105
Mean 13.11
RMS 5.805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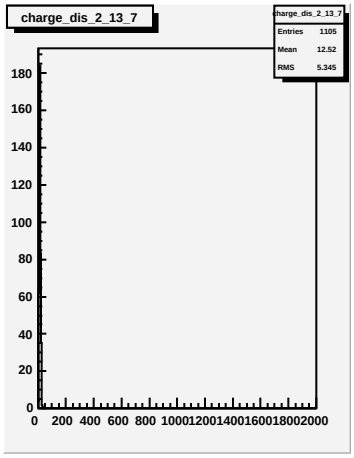
RMS 14.85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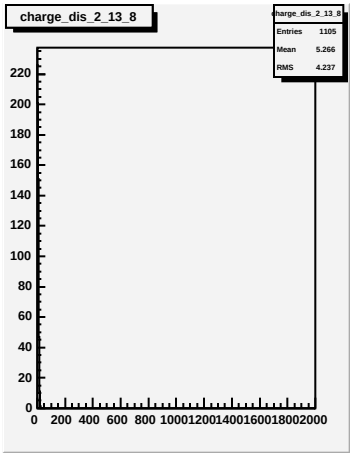
Mean 12.52
RMS 5.345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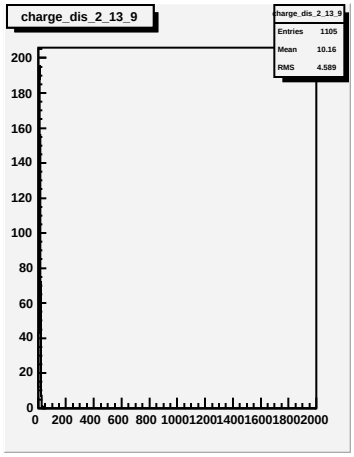
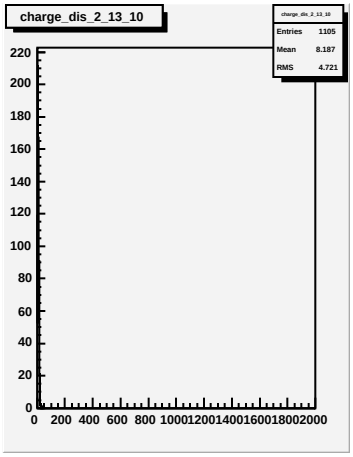
RMS 4.237


charge_dis_2_13_9
Entries 1105
Mean 10.16
RMS 4.589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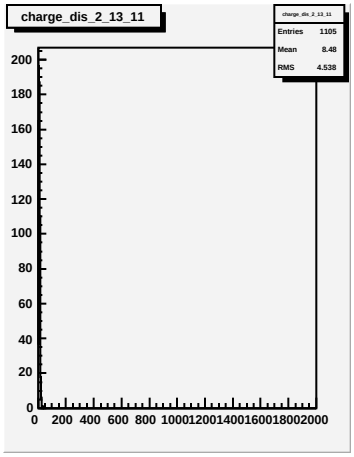
Mean 8.187
RMS 4.721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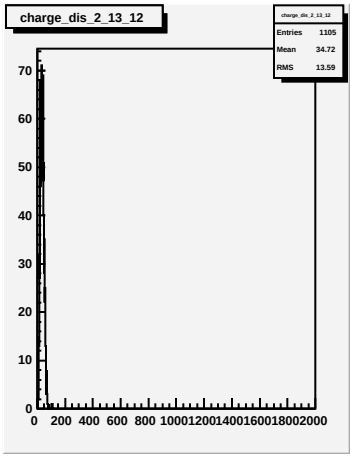
Mean 8.48
RMS 4.538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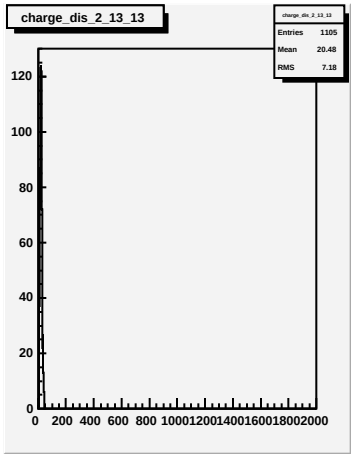
Mean 34.72
RMS 13.59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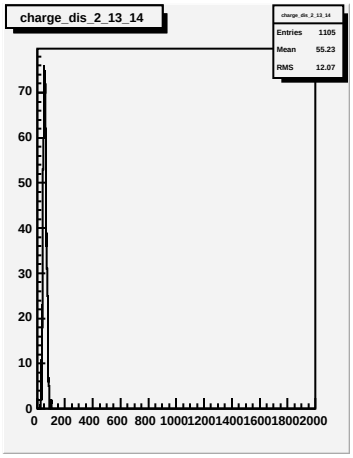
Mean 20.48
RMS 7.18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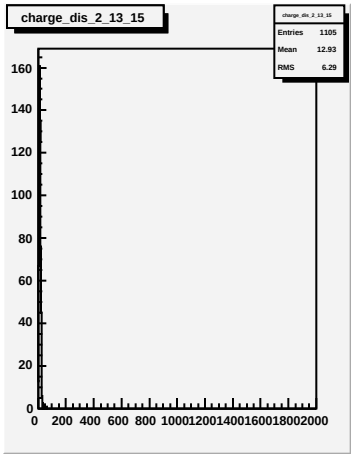
Mean 55.23
RMS 12.07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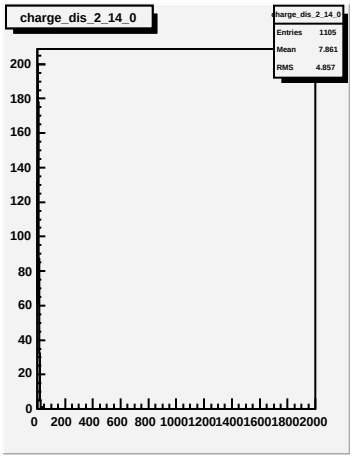
Mean 12.93
RMS 6.29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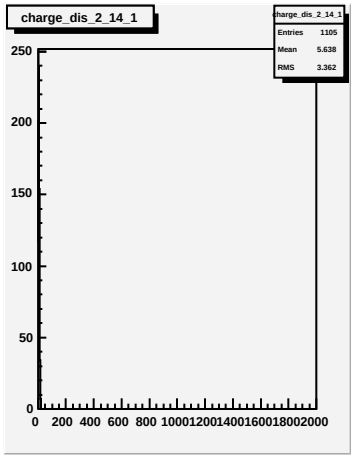
RMS 4.857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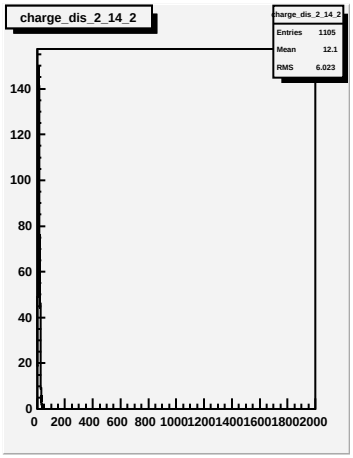
RMS 3.362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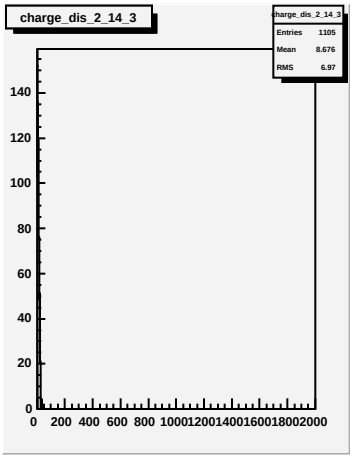
RMS 6.023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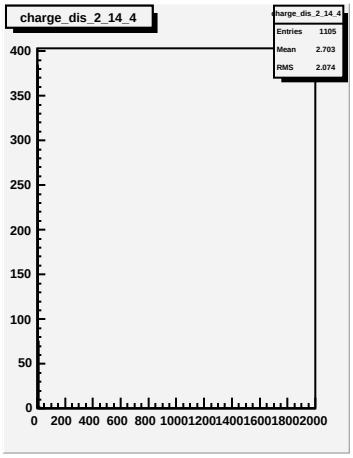
RMS 6.97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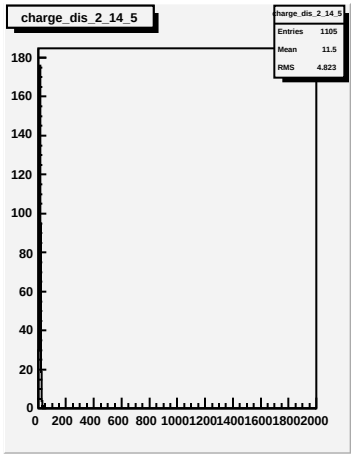
Mean 2.703
RMS 2.074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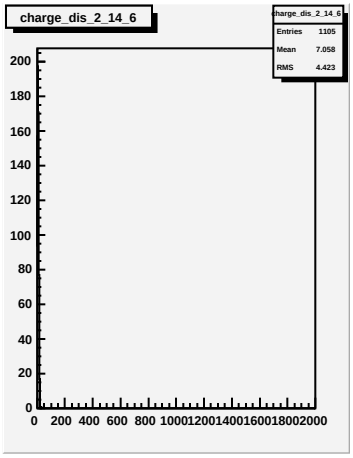
Mean 11.5
RMS 4.823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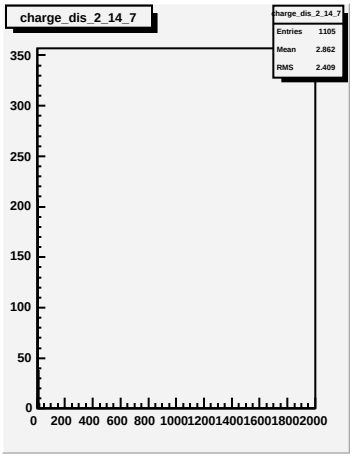
Mean 7.058
RMS 4.423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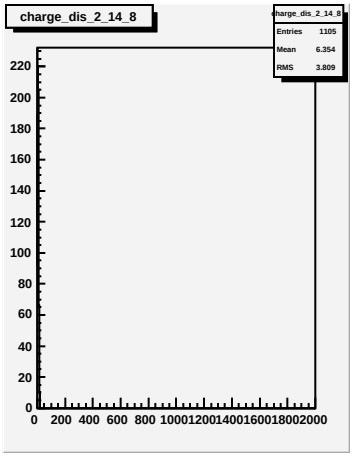
Mean 2.862
RMS 2.409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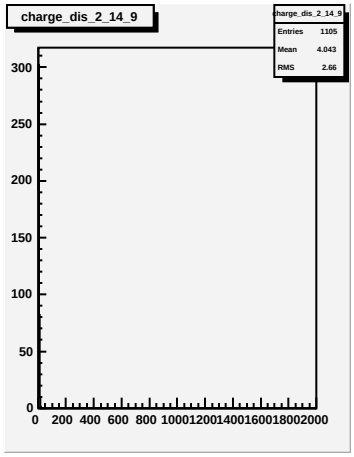
Mean 6.354
RMS 3.809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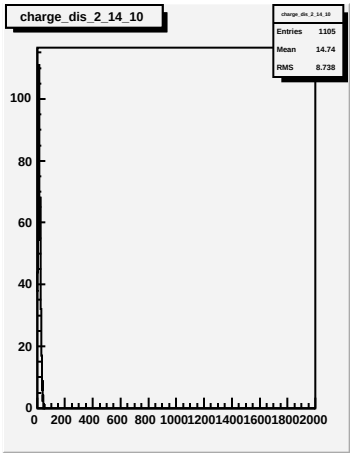
RMS 2.66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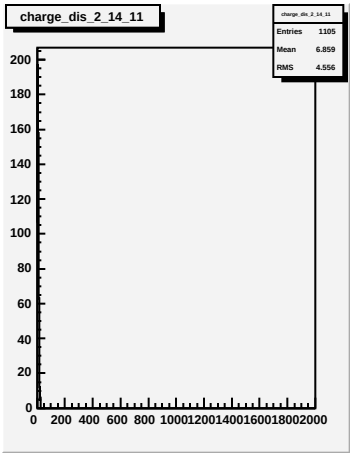
Entries 1105
Mean 14.74
RMS 8.738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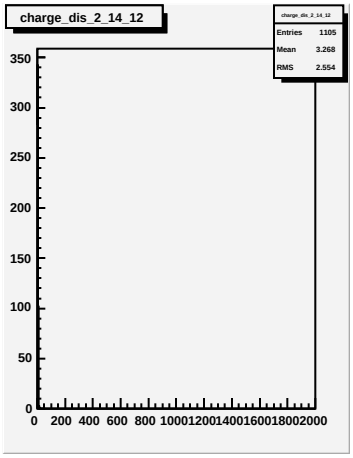
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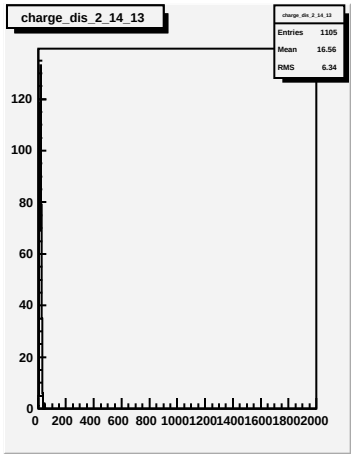
RMS 2.554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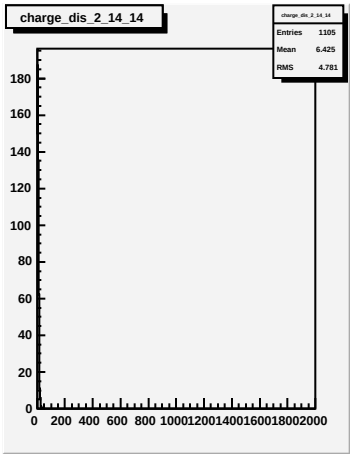
Entries 1105
Mean 16.56
RMS 6.34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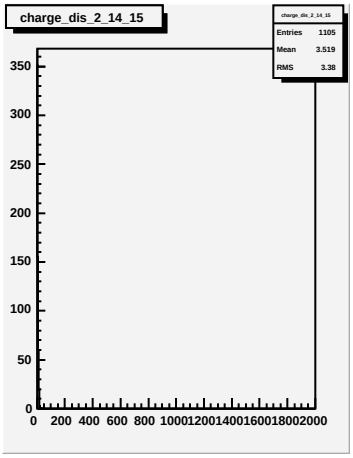
Mean 6.425
RMS 4.781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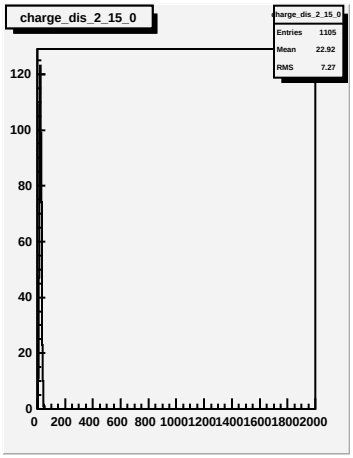
Mean 3.519
RMS 3.38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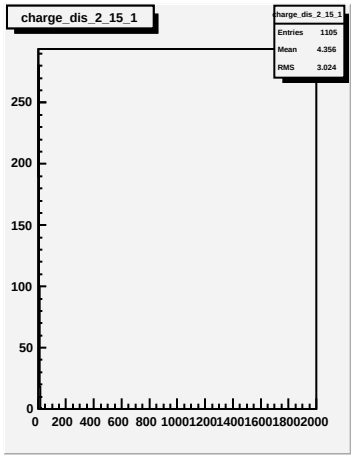
Mean 22.92
RMS 7.27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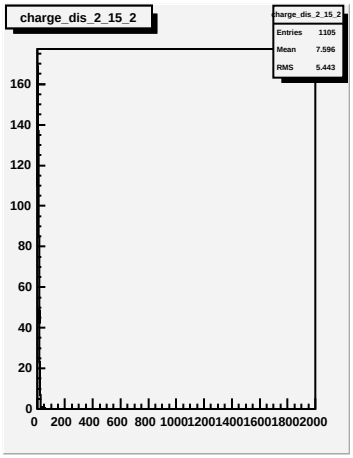
Entries 1105
Mean 4.356
RMS 3.024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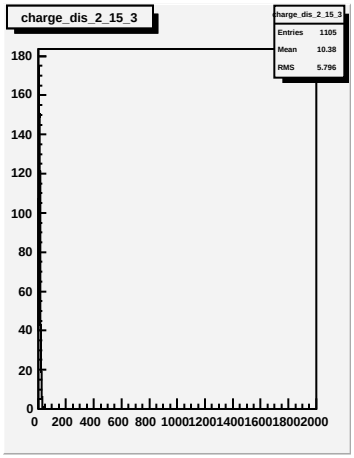
Entries 1105
Mean 7.596
RMS 5.443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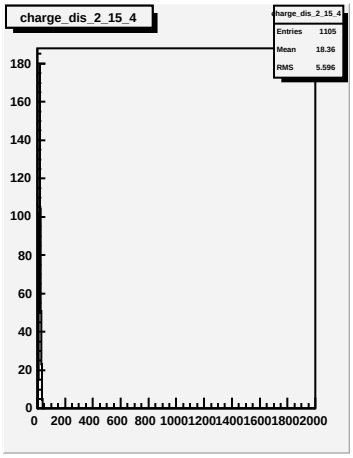
Entries 1105
Mean 10.38
RMS 5.796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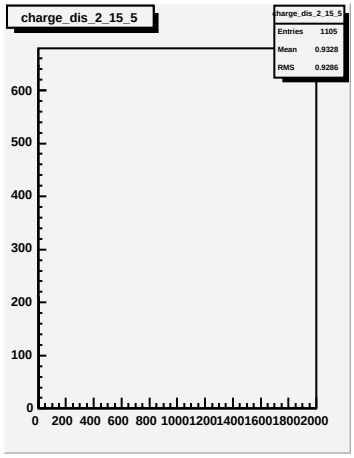
Entries 1105
Mean 18.36
RMS 5.596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Entries 1105
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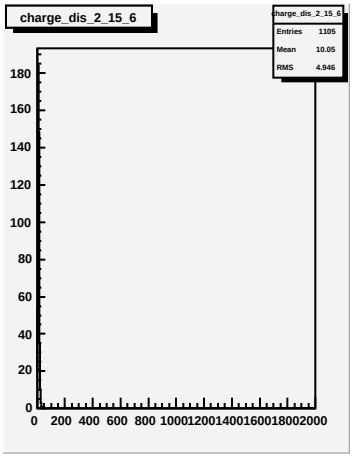
RMS 0.9286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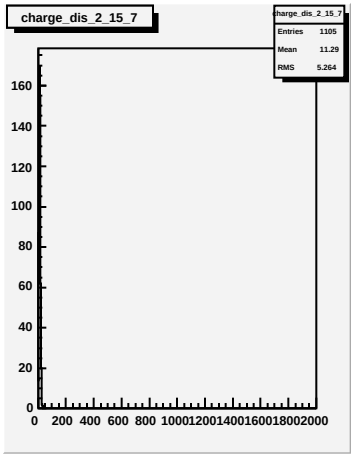
Entries 1105
Mean 10.05
RMS 4.946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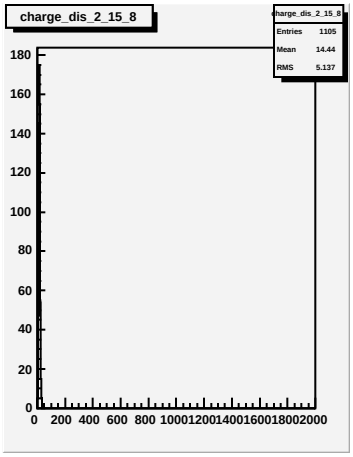
Entries 1105
Mean 11.29
RMS 5.264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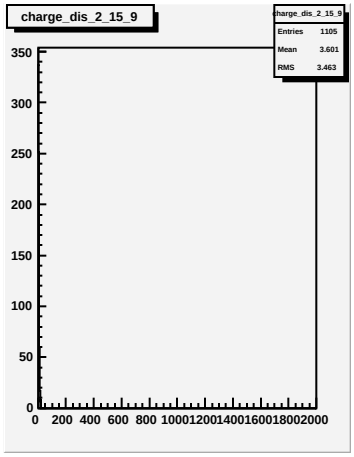
Entries 1105
Mean 14.44
RMS 5.137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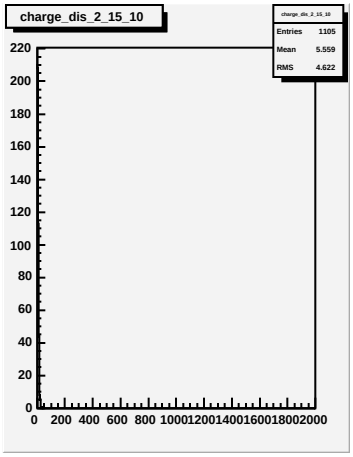
RMS 3.463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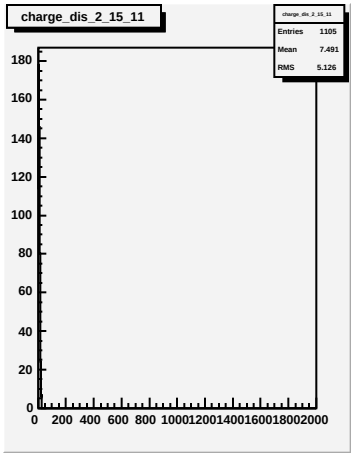
Entries 1105
Mean 5.559
RMS 4.622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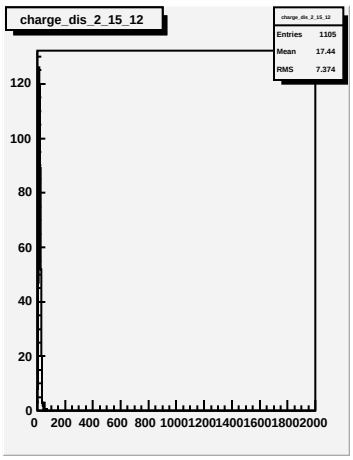
Mean 7.491
RMS 5.126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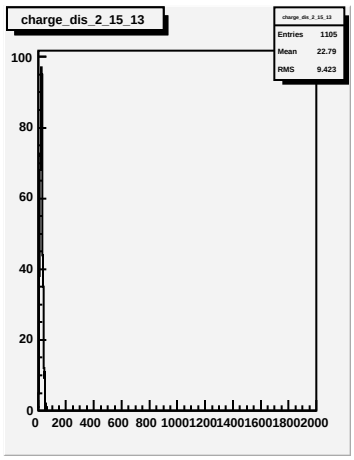
Entries 1105
Mean 17.44
RMS 7.374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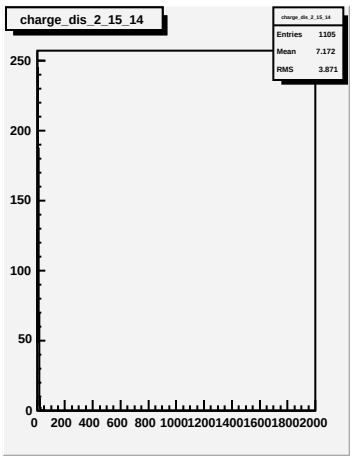
Entries 1105
Mean 22.79
RMS 9.423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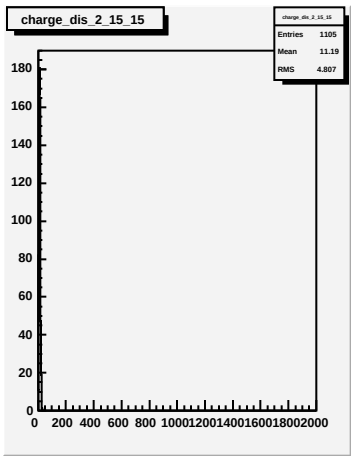
Mean 7.172
RMS 3.871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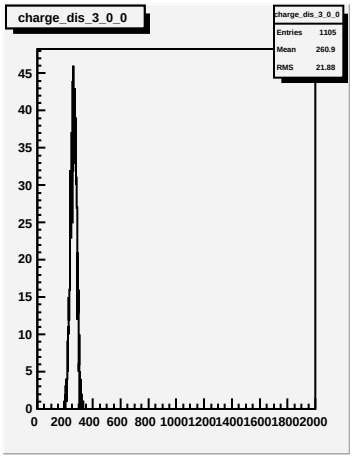
Mean 11.19
RMS 4.807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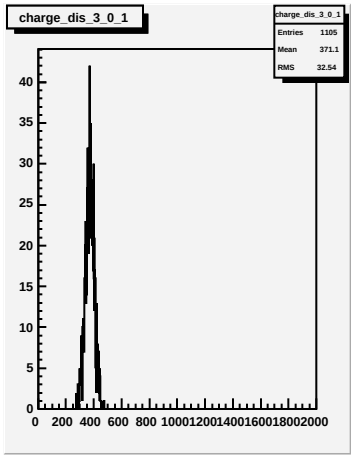
Mean 260.9
RMS 21.88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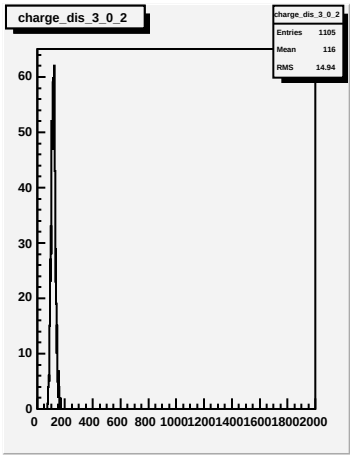
Mean 371.1
RMS 32.54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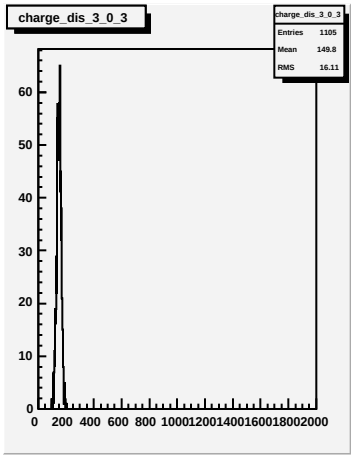
Mean 116
RMS 14.94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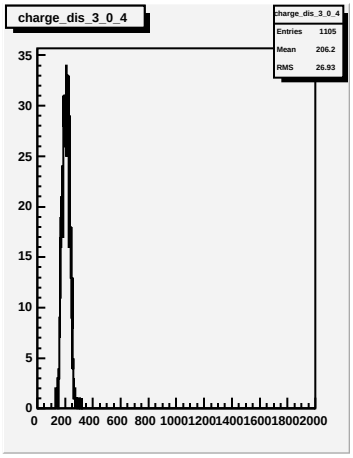
RMS 16.11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Entries 1105
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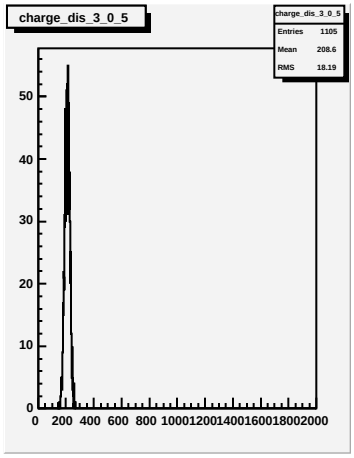
RMS 26.93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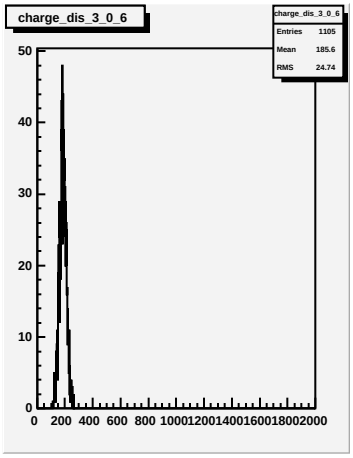
charge_dis_3_0_5
Entries 1105
Mean 208.6
RMS 18.19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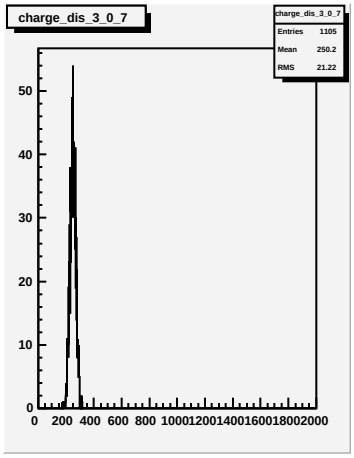
Entries 1105
Mean 185.6
RMS 24.74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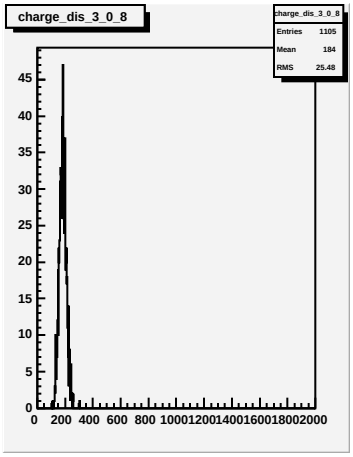
Entries 1105
Mean 250.2
RMS 21.22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Entries 1105
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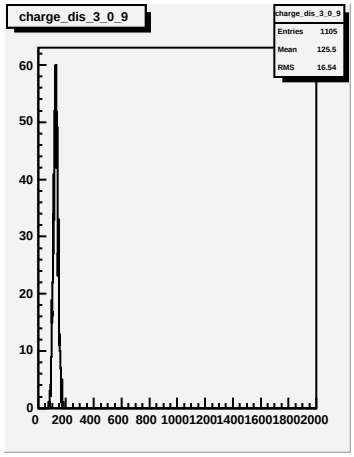
RMS 25.48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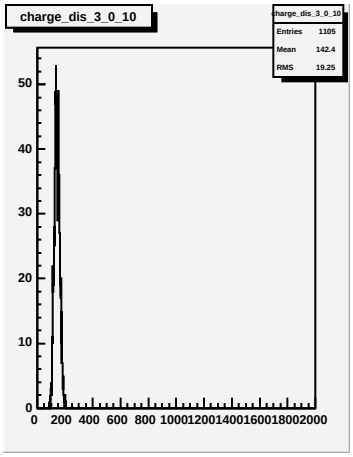
Entries 1105
Mean 125.5
RMS 16.54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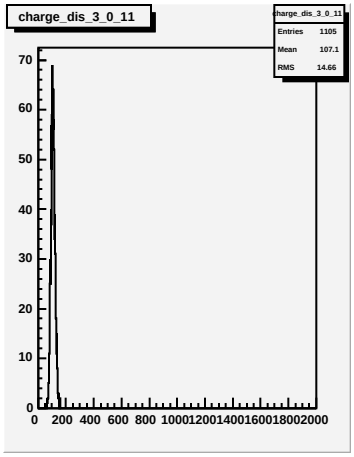
RMS 19.25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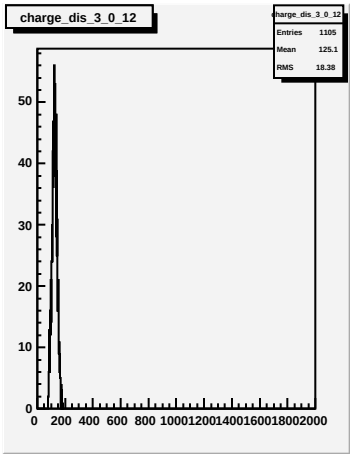
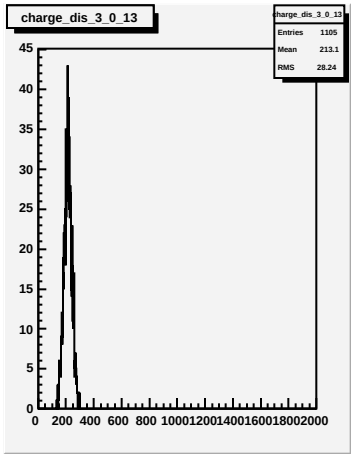
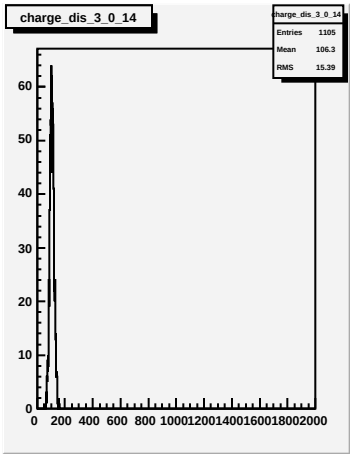
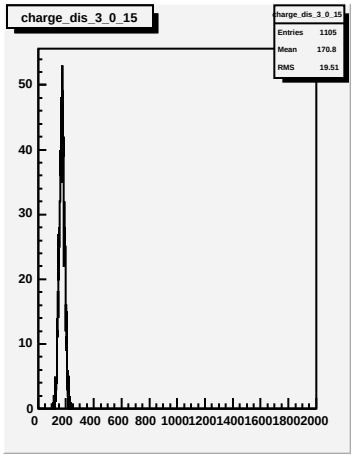
charge_dis_3_0_11
Entries 1105
Mean 107.1
RMS 14.66


charge_dis_3_0_12
charge_dis_3_0_12
Entries 1105
Mean 125.1
RMS 18.38


charge_dis_3_0_13
charge_dis_3_0_13
Entries 1105
Mean 213.1
RMS 28.24


charge_dis_3_0_14
charge_dis_3_0_14
Entries 1105
Mean 106.3
RMS 15.39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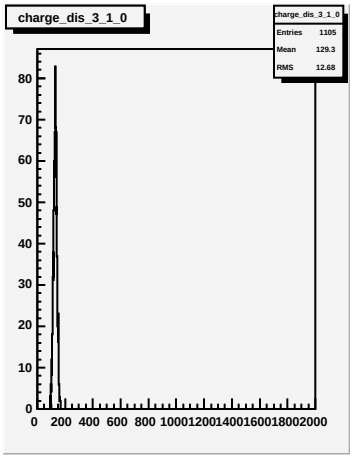
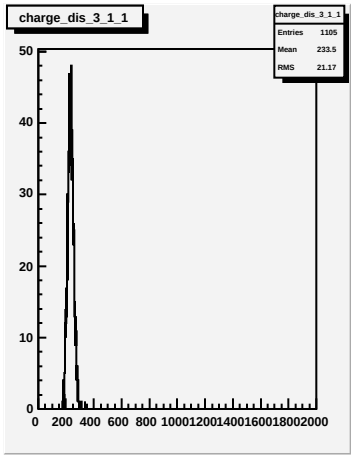
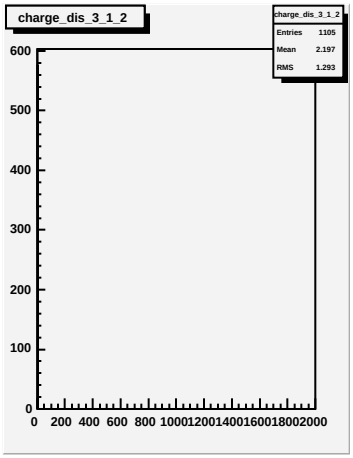
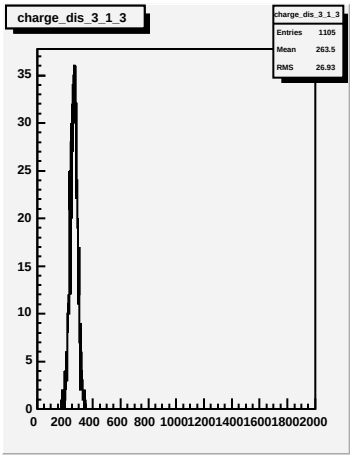
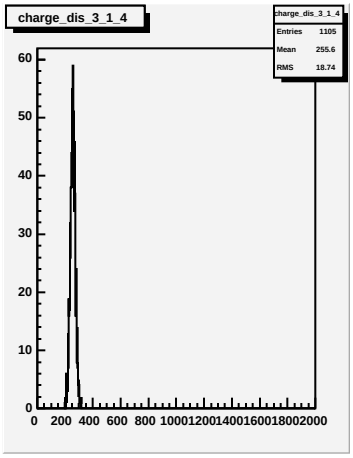
charge_dis_3_0_15
Entries 1105
Mean 170.8
RMS 19.51

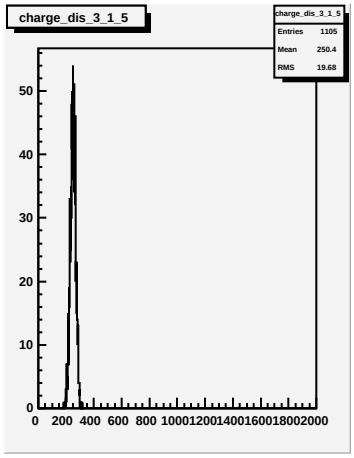

charge_dis_3_1_0
charge_dis_3_1_0
Entries 1105
Mean 129.3
RMS 12.68

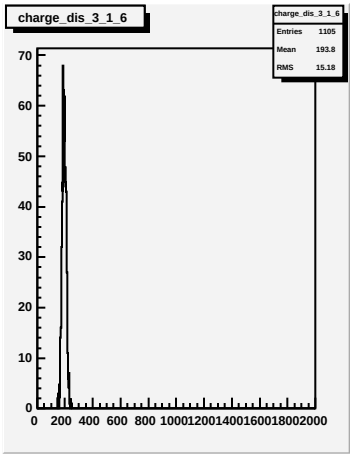

charge_dis_3_1_1
charge_dis_3_1_1
Entries 1105
Mean 233.5
RMS 21.17

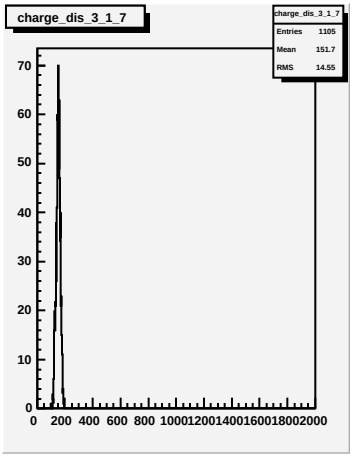

charge_dis_3_1_2
charge_dis_3_1_2
Entries 1105
Mean 2.197
RMS 1.293

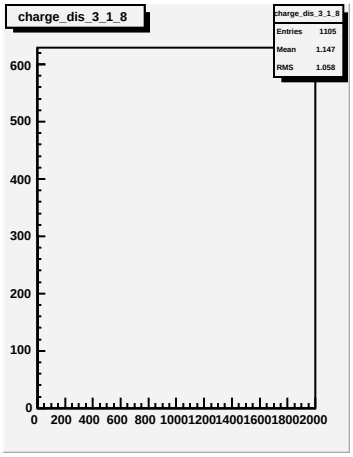

charge_dis_3_1_3
charge_dis_3_1_3
Entries 1105
Mean 263.5
RMS 26.93

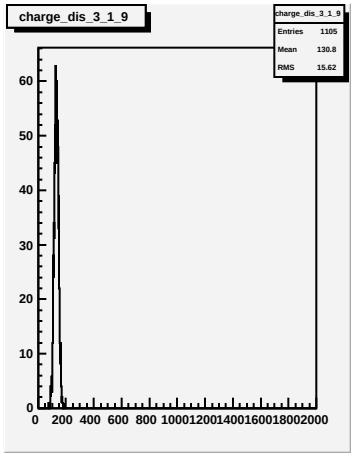

charge_dis_3_1_4
charge_dis_3_1_4
Entries 1105
Mean 255.6
RMS 18.74

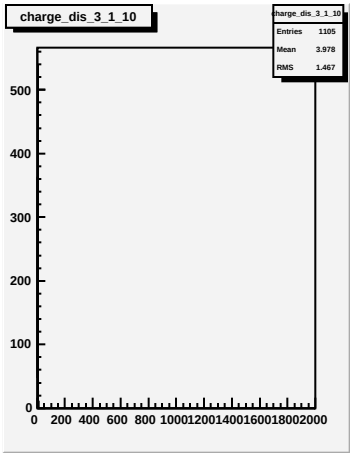

charge_dis_3_1_5
charge_dis_3_1_5
Entries 1105
Mean 250.4
RMS 19.68

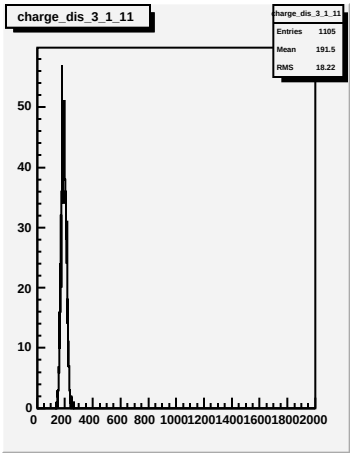

charge_dis_3_1_6
charge_dis_3_1_6
Entries 1105
Mean 193.8
RMS 15.18

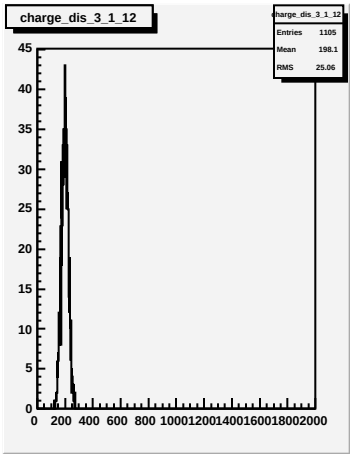

charge_dis_3_1_7
charge_dis_3_1_7
Entries 1105
Mean 151.7
RMS 14.55

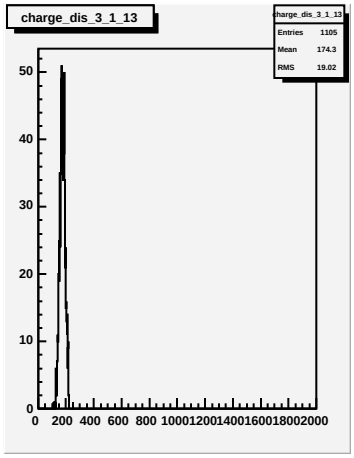

charge_dis_3_1_8
charge_dis_3_1_8
Entries 1105
Mean 1.147
RMS 1.058

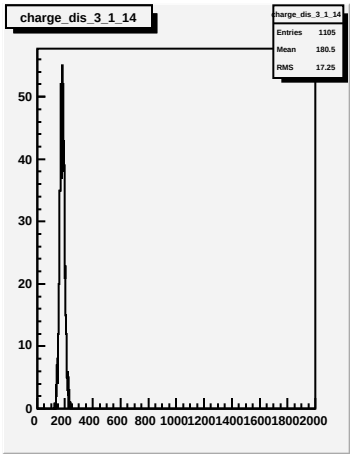

charge_dis_3_1_9
charge_dis_3_1_9
Entries 1105
Mean 130.8
RMS 15.62

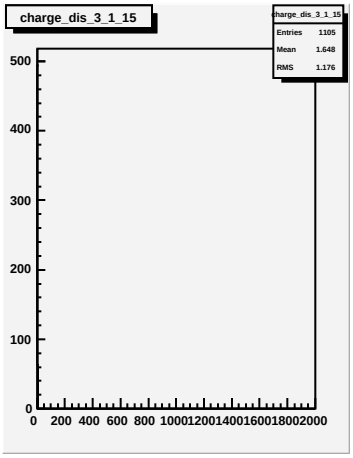

charge_dis_3_1_10
charge_dis_3_1_10
Entries 1105
Mean 3.978
RMS 1.467

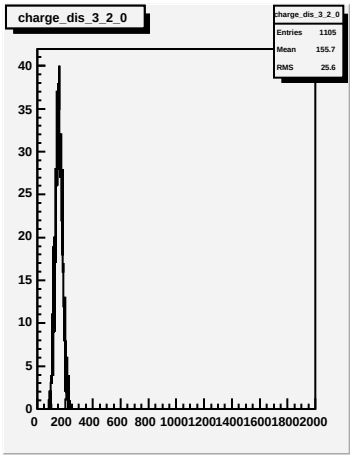

charge_dis_3_1_11
charge_dis_3_1_11
Entries 1105
Mean 191.5
RMS 18.22

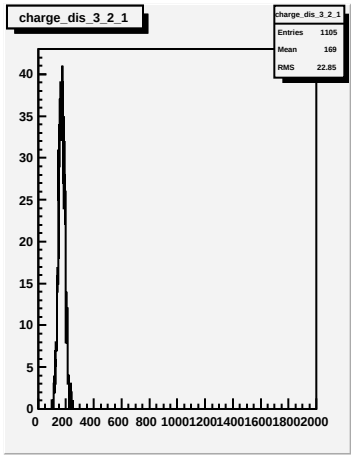

charge_dis_3_1_12
charge_dis_3_1_12
Entries 1105
Mean 198.1
RMS 25.06

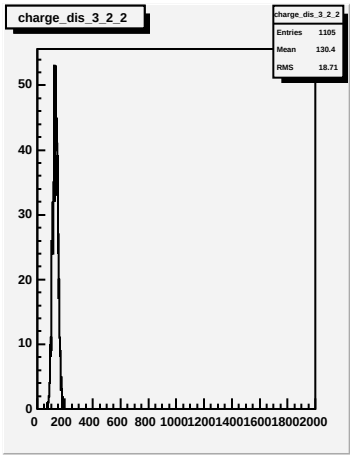

charge_dis_3_1_13
charge_dis_3_1_13
Entries 1105
Mean 174.3
RMS 19.02

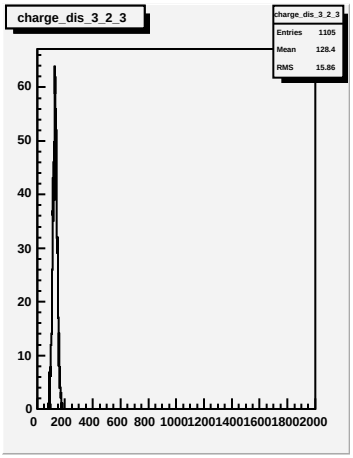

charge_dis_3_1_14
charge_dis_3_1_14
Entries 1105
Mean 180.5
RMS 17.25

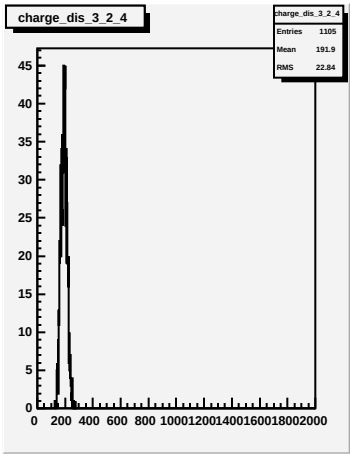

charge_dis_3_1_15
charge_dis_3_1_15
Entries 1105
Mean 1.648
RMS 1.176

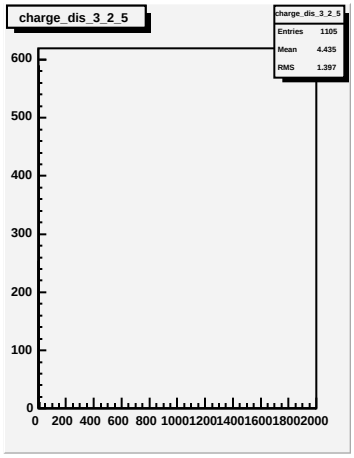

charge_dis_3_2_0
charge_dis_3_2_0
Entries 1105
Mean 155.7
RMS 25.6

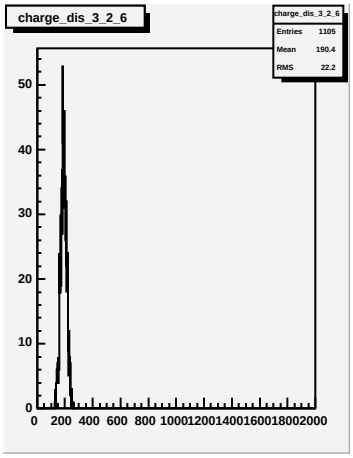

charge_dis_3_2_1
charge_dis_3_2_1
Entries 1105
Mean 169
RMS 22.85

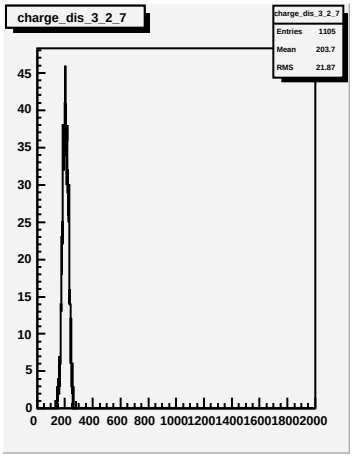

charge_dis_3_2_2
charge_dis_3_2_2
Entries 1105
Mean 130.4
RMS 18.71

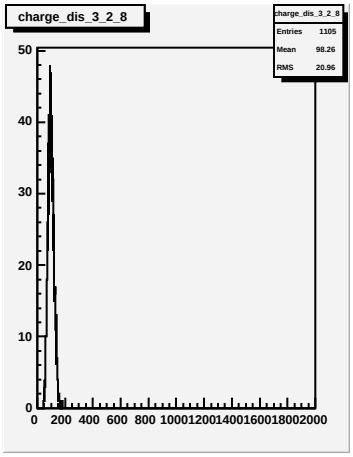

charge_dis_3_2_3
charge_dis_3_2_3
Entries 1105
Mean 128.4
RMS 15.86

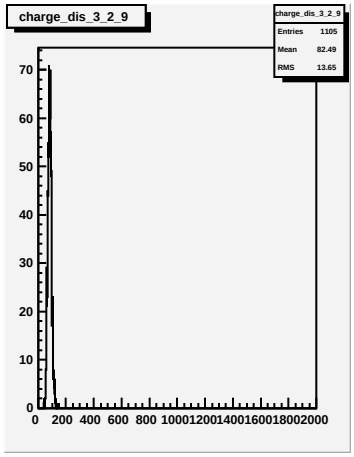

charge_dis_3_2_4
charge_dis_3_2_4
Entries 1105
Mean 191.9
RMS 22.84

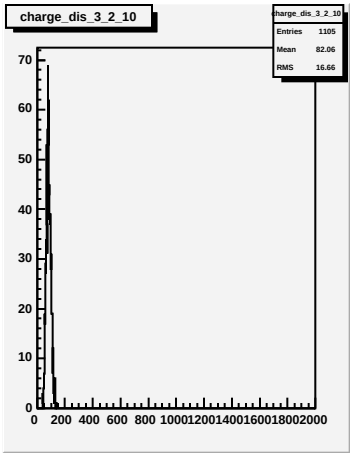

charge_dis_3_2_5
charge_dis_3_2_5
Entries 1105
Mean 4.435
RMS 1.397

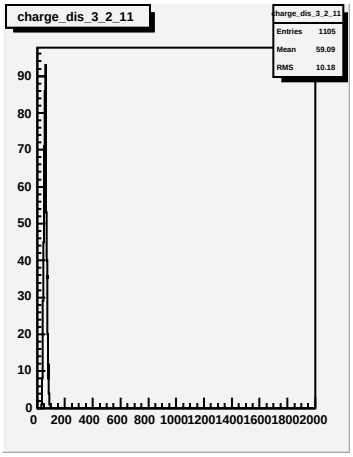

charge_dis_3_2_6
charge_dis_3_2_6
Entries 1105
Mean 190.4
RMS 22.2

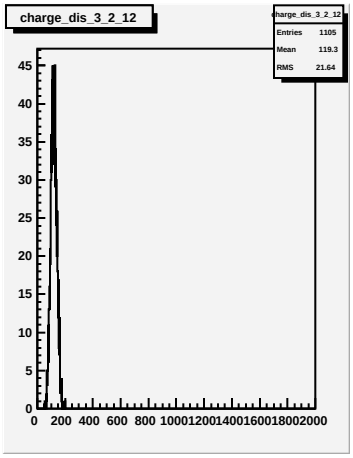

charge_dis_3_2_7
charge_dis_3_2_7
Entries 1105
Mean 203.7
RMS 21.87

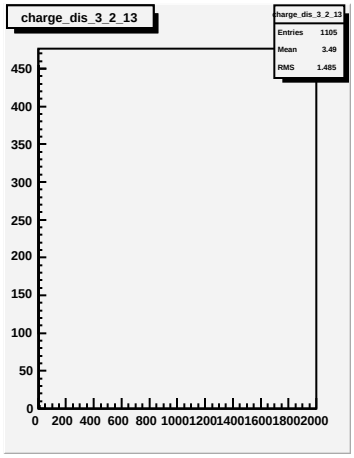

charge_dis_3_2_8
charge_dis_3_2_8
Entries 1105
Mean 98.26
RMS 20.96

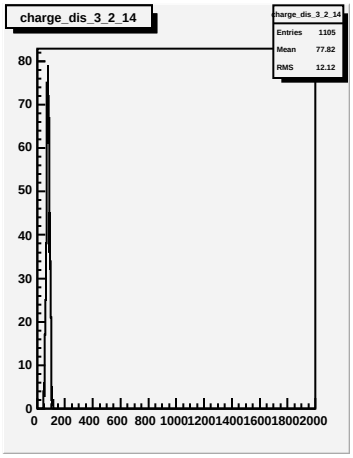

charge_dis_3_2_9
charge_dis_3_2_9
Entries 1105
Mean 82.49
RMS 13.65


charge_dis_3_2_10
charge_dis_3_2_10
Entries 1105
Mean 82.06
RMS 16.66


charge_dis_3_2_11
charge_dis_3_2_11
Entries 1105
Mean 59.09
RMS 10.18


charge_dis_3_2_12
charge_dis_3_2_12
Entries 1105
Mean 119.3
RMS 21.64


charge_dis_3_2_13
charge_dis_3_2_13
Entries 1105
Mean 3.49
RMS 1.485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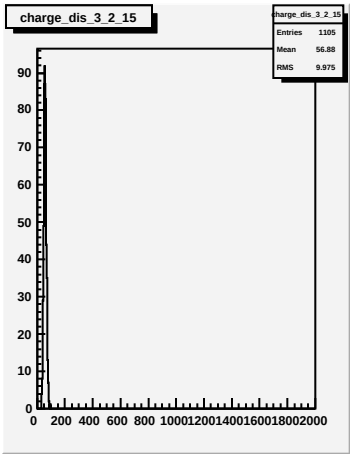
charge_dis_3_2_14
Entries 1105
Mean 77.82
RMS 12.12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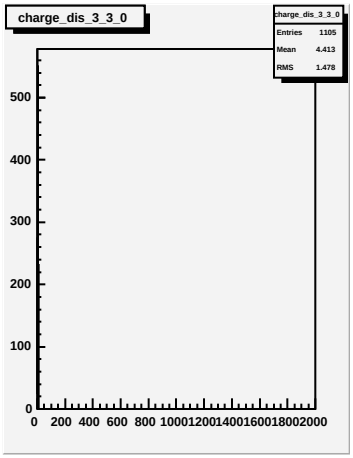
charge_dis_3_2_15
Entries 1105
Mean 56.88
RMS 9.975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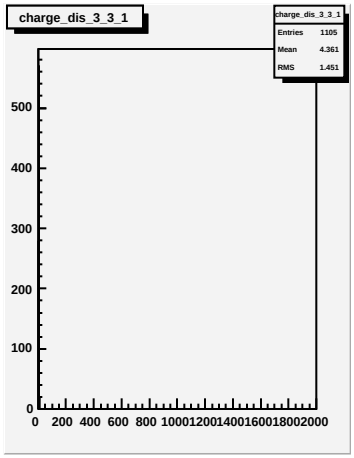
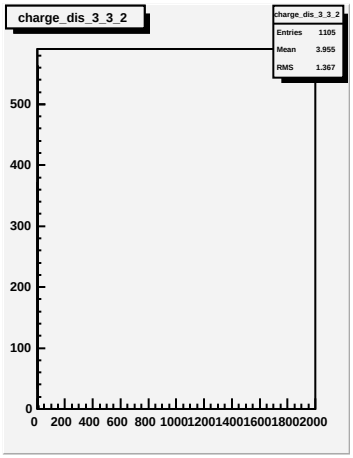
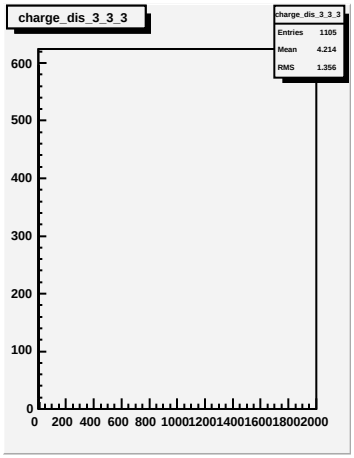
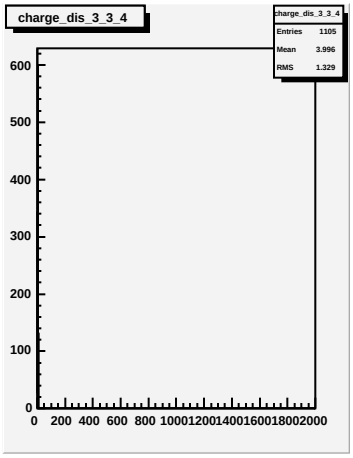
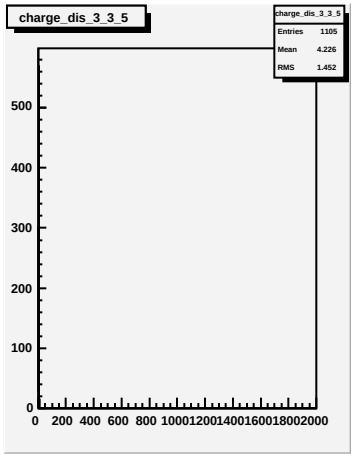
charge_dis_3_3_0
Entries 1105
Mean 4.413
RMS 1.478

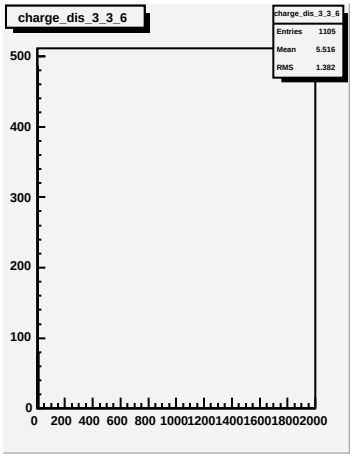

charge_dis_3_3_1
charge_dis_3_3_1
Entries 1105
Mean 4.361
RMS 1.451

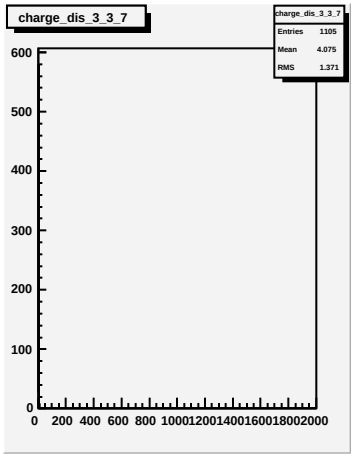

charge_dis_3_3_2
charge_dis_3_3_2
Entries 1105
Mean 3.955
RMS 1.367

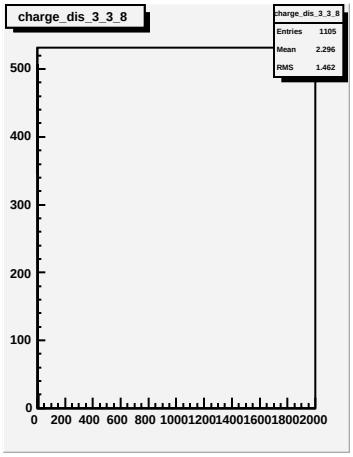

charge_dis_3_3_3
charge_dis_3_3_3
Entries 1105
Mean 4.214
RMS 1.356

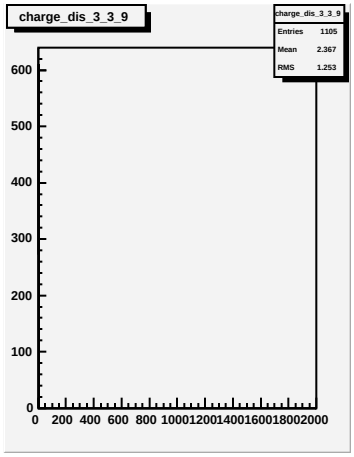

charge_dis_3_3_4
charge_dis_3_3_4
Entries 1105
Mean 3.996
RMS 1.329

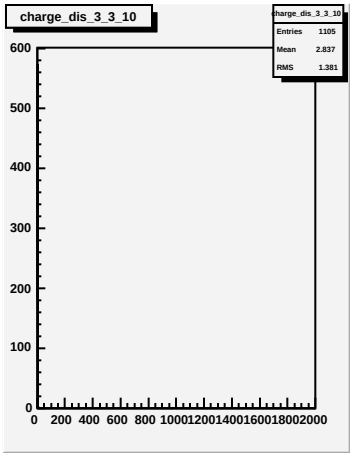

charge_dis_3_3_5
charge_dis_3_3_5
Entries 1105
Mean 4.226
RMS 1.452

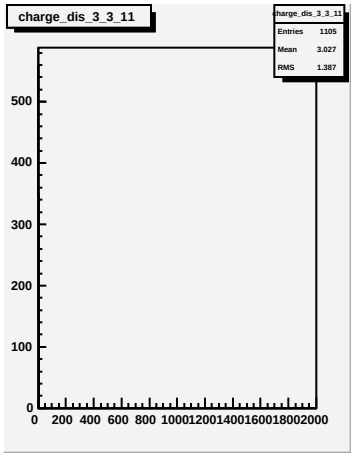

charge_dis_3_3_6
charge_dis_3_3_6
Entries 1105
Mean 5.516
RMS 1.382

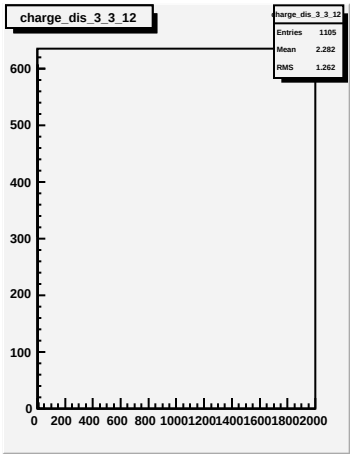

charge_dis_3_3_7
charge_dis_3_3_7
Entries 1105
Mean 4.075
RMS 1.371


charge_dis_3_3_8
charge_dis_3_3_8
Entries 1105
Mean 2.296
RMS 1.462


charge_dis_3_3_9
charge_dis_3_3_9
Entries 1105
Mean 2.367
RMS 1.253


charge_dis_3_3_10
charge_dis_3_3_10
Entries 1105
Mean 2.837
RMS 1.381


charge_dis_3_3_11
charge_dis_3_3_11
Entries 1105
Mean 3.027
RMS 1.387


charge_dis_3_3_12
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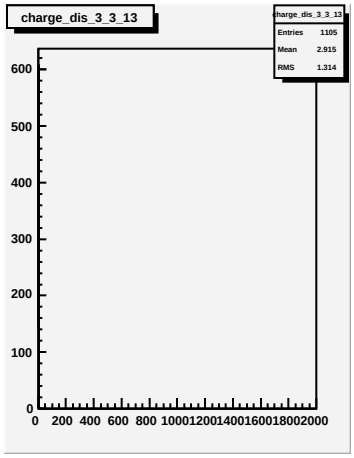
Entries 1105
Mean 2.282
RMS 1.262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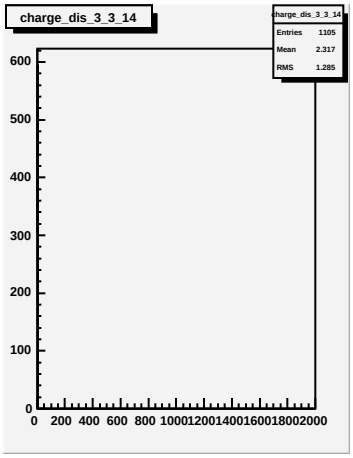
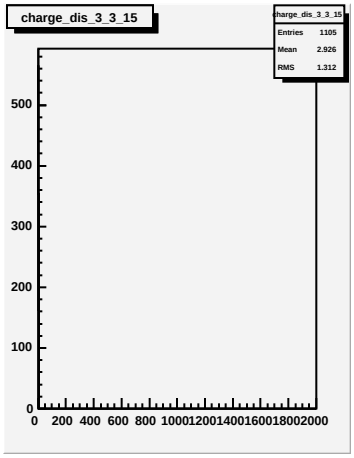
Entries 1105
Mean 2.915
RMS 1.314


charge_dis_3_3_14
charge_dis_3_3_14
Entries 1105
Mean 2.317
RMS 1.285


charge_dis_3_3_15
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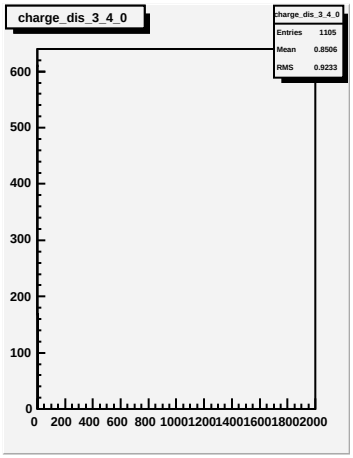
Entries 1105
Mean 2.926
RMS 1.312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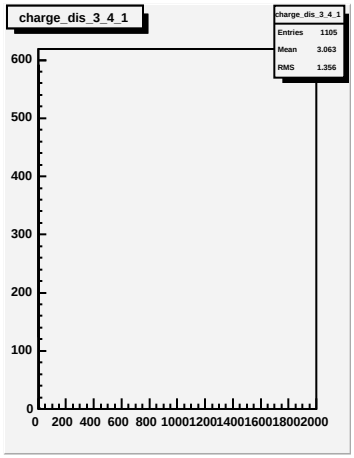
Mean 0.8506
RMS 0.9233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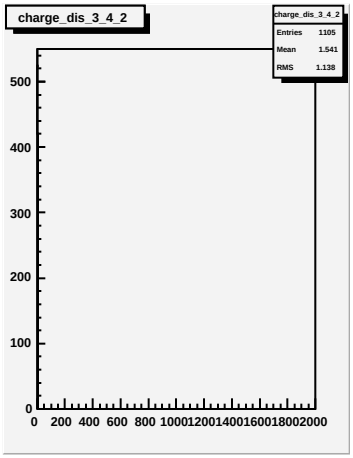
charge_dis_3_4_1
Entries 1105
Mean 3.063
RMS 1.356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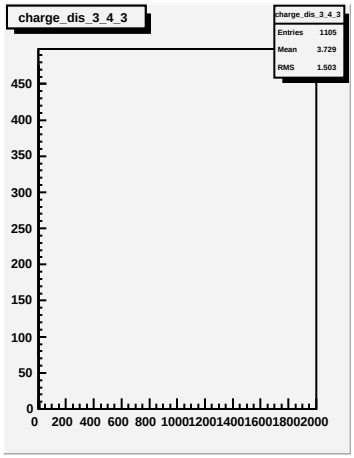
Entries 1105
Mean 1.541
RMS 1.138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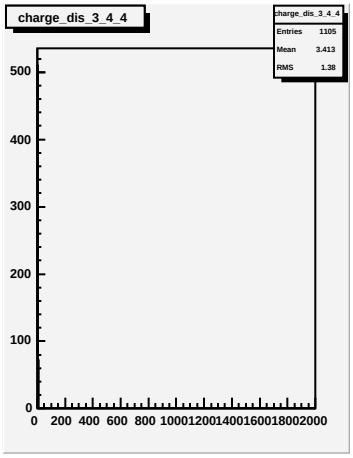
Mean 3.729
RMS 1.503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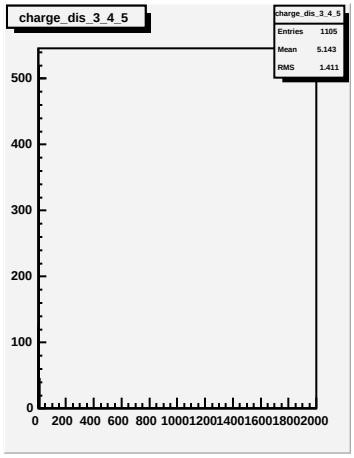
charge_dis_3_4_4
Entries 1105
Mean 3.413
RMS 1.38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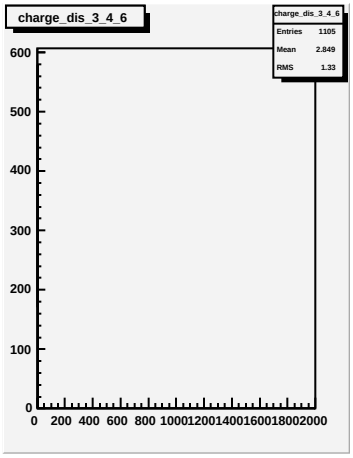
charge_dis_3_4_5
Entries 1105
Mean 5.143
RMS 1.411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charge_dis_3_4_6
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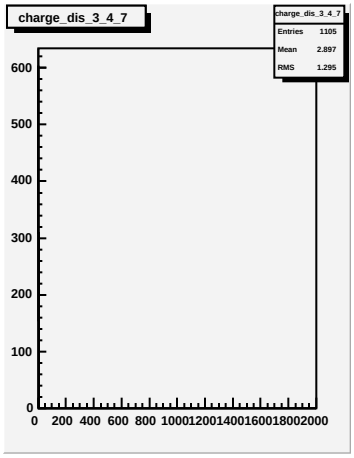
Mean 2.849
RMS 1.33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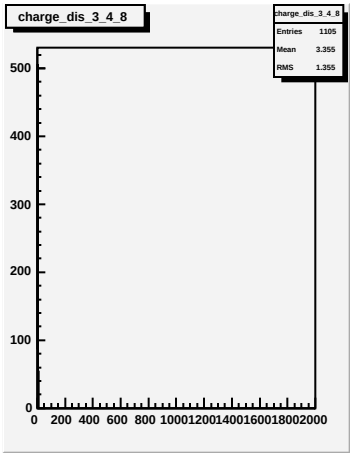
Entries 1105
Mean 2.897
RMS 1.295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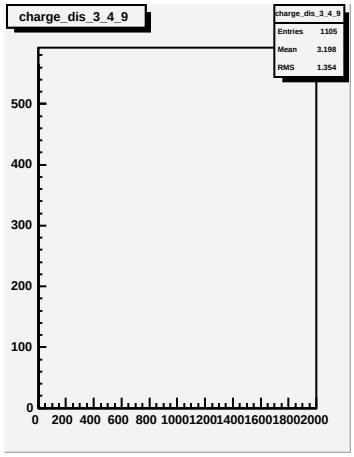
charge_dis_3_4_8
Entries 1105
Mean 3.355
RMS 1.355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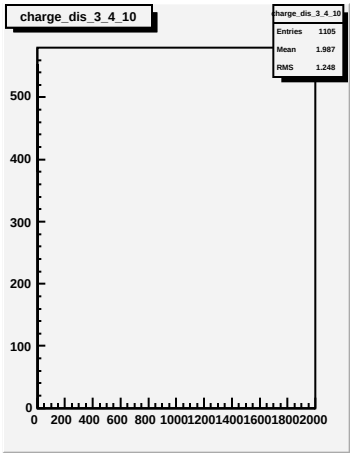
charge_dis_3_4_9
Entries 1105
Mean 3.198
RMS 1.354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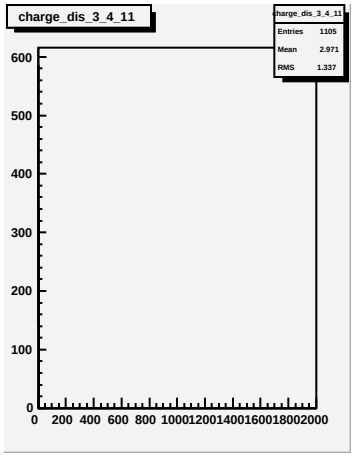
charge_dis_3_4_10
Entries 1105
Mean 1.987
RMS 1.248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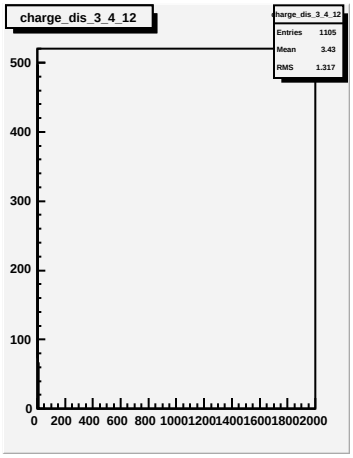
charge_dis_3_4_11
Entries 1105
Mean 2.971
RMS 1.337


charge_dis_3_4_12
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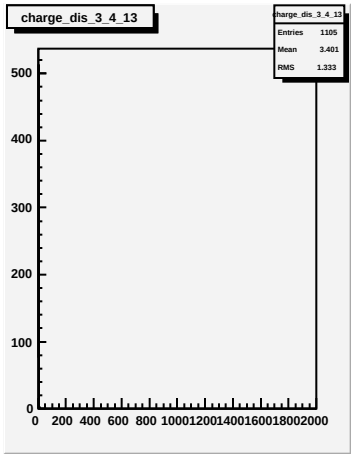
Entries 1105
Mean 3.43
RMS 1.317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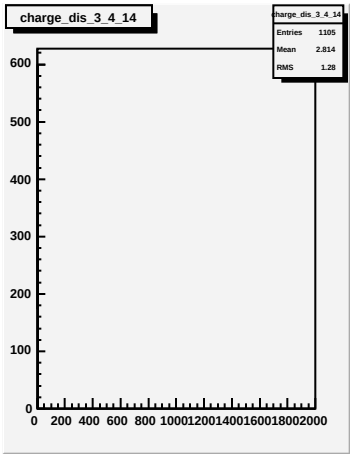
Entries 1105
Mean 3.401
RMS 1.333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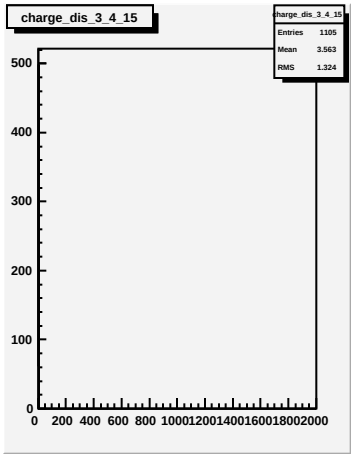
Entries 1105
Mean 2.814
RMS 1.28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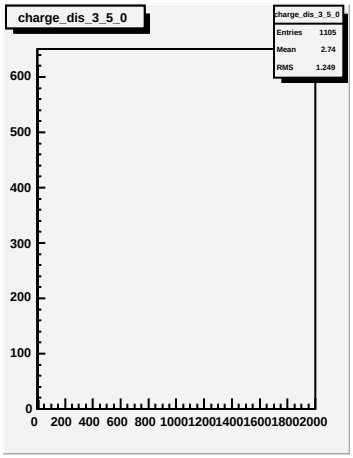
charge_dis_3_4_15
Entries 1105
Mean 3.563
RMS 1.324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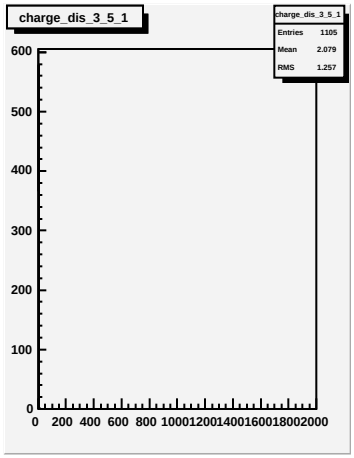
Entries 1105
Mean 2.74
RMS 1.249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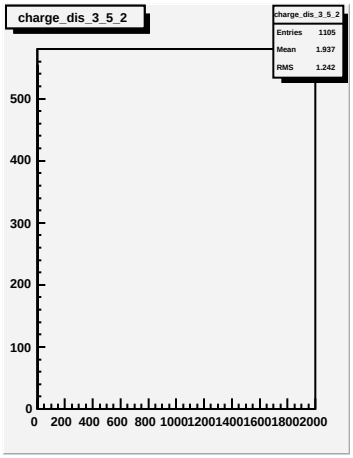
charge_dis_3_5_1
Entries 1105
Mean 2.079
RMS 1.257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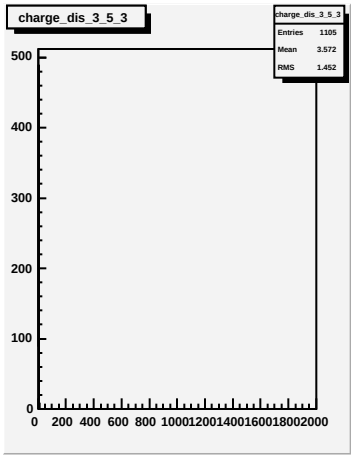
charge_dis_3_5_2
Entries 1105
Mean 1.937
RMS 1.242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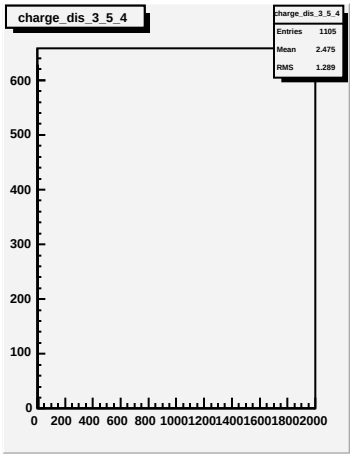
charge_dis_3_5_3
Entries 1105
Mean 3.572
RMS 1.452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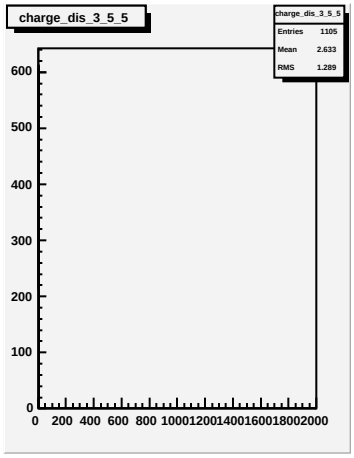
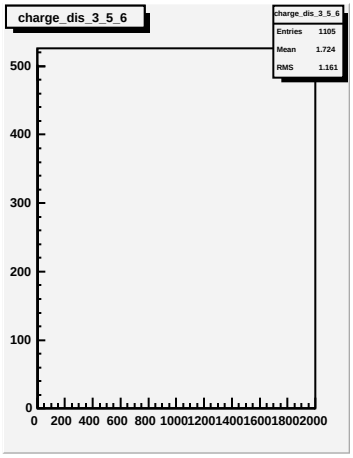
charge_dis_3_5_4
Entries 1105
Mean 2.475
RMS 1.289


charge_dis_3_5_5
charge_dis_3_5_5
Entries 1105
Mean 2.633
RMS 1.289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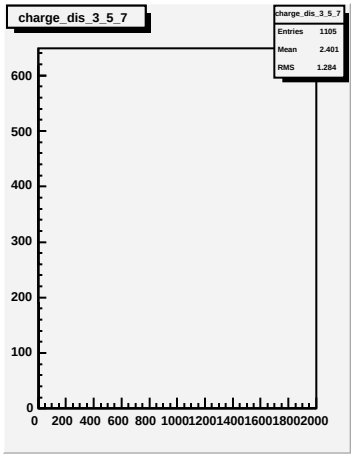
charge_dis_3_5_6
Entries 1105
Mean 1.724
RMS 1.161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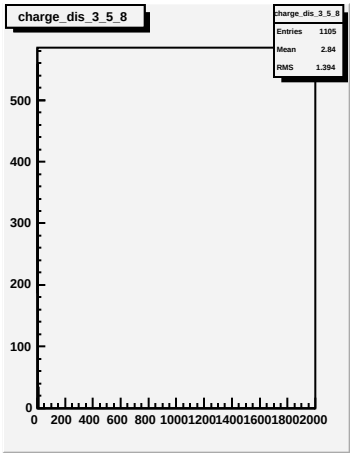
charge_dis_3_5_7
Entries 1105
Mean 2.401
RMS 1.284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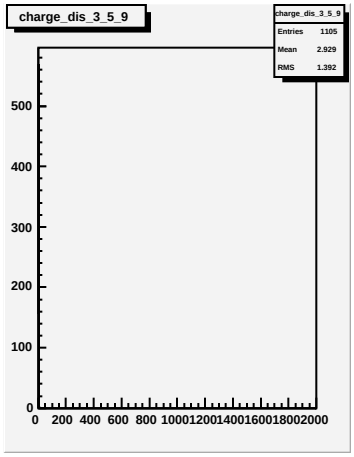
Entries 1105
Mean 2.84
RMS 1.394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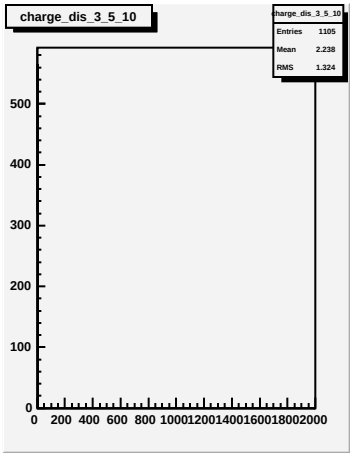
charge_dis_3_5_9
Entries 1105
Mean 2.929
RMS 1.392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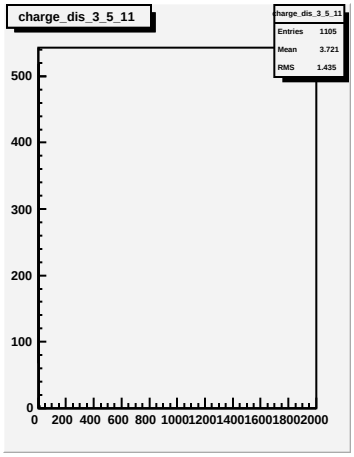
charge_dis_3_5_10
Entries 1105
Mean 2.238
RMS 1.324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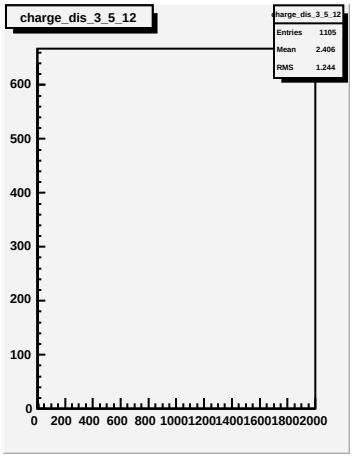
Entries 1105
Mean 3.721
RMS 1.435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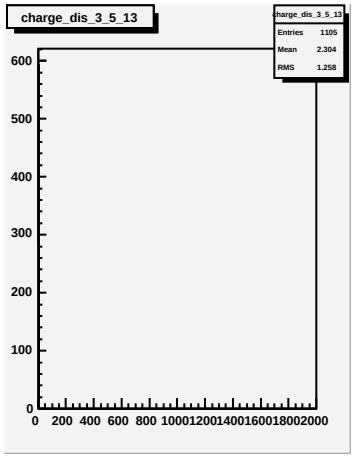
Entries 1105
Mean 2.406
RMS 1.244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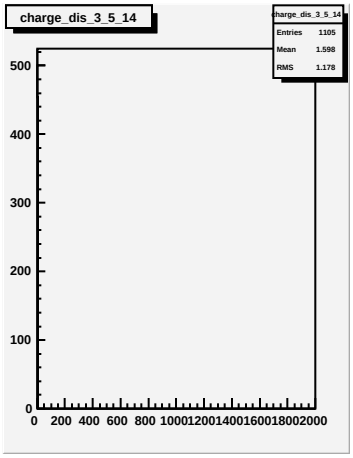
Entries 1105
Mean 2.304
RMS 1.258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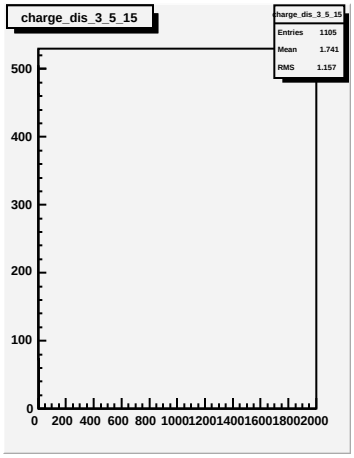
Entries 1105
Mean 1.598
RMS 1.178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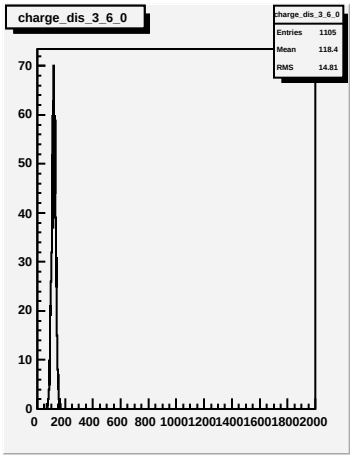
Entries 1105
Mean 1.741
RMS 1.157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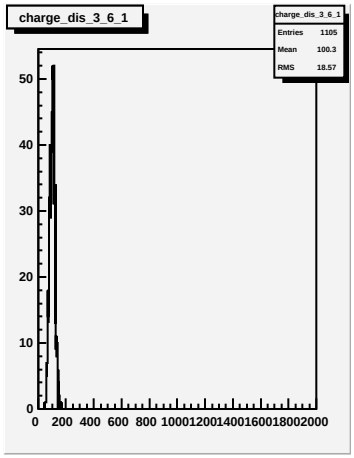
Entries 1105
Mean 118.4
RMS 14.81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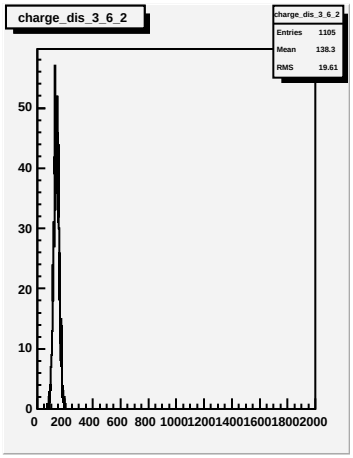
Entries 1105
Mean 100.3
RMS 18.57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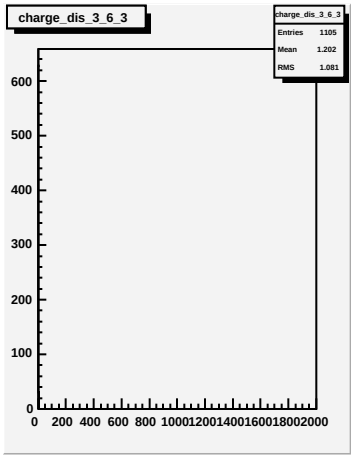
Entries 1105
Mean 138.3
RMS 19.61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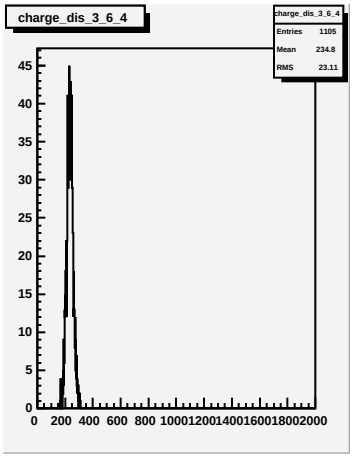
Entries 1105
Mean 1.202
RMS 1.081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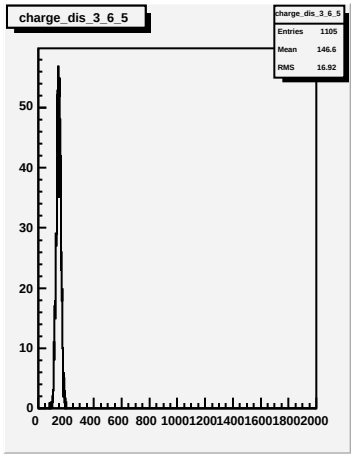
Entries 1105
Mean 234.8
RMS 23.11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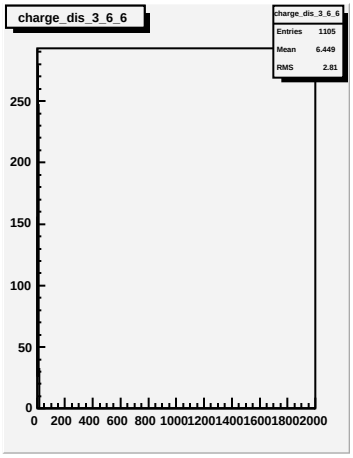
charge_dis_3_6_5
Entries 1105
Mean 146.6
RMS 16.92


charge_dis_3_6_6
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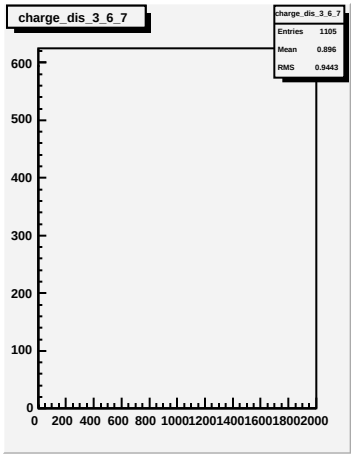
Entries 1105
Mean 6.449
RMS 2.81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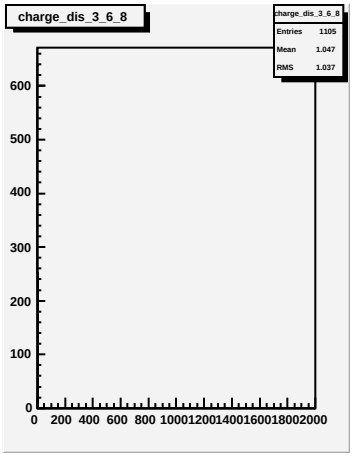
charge_dis_3_6_7
Entries 1105
Mean 0.896
RMS 0.9443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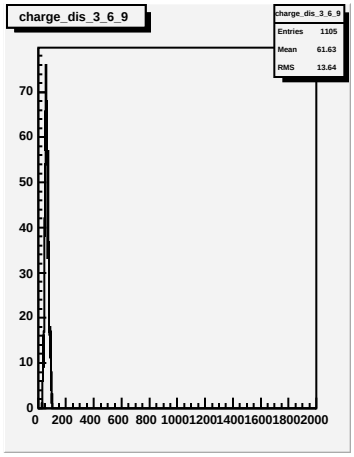
Entries 1105
Mean 1.047
RMS 1.037


charge_dis_3_6_9
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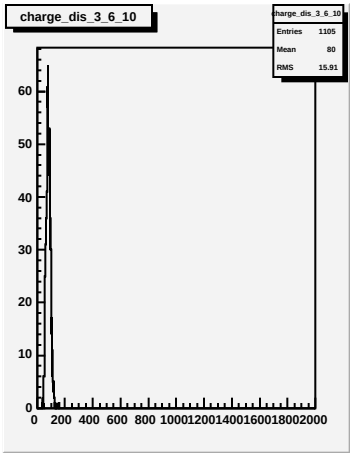
Entries 1105
Mean 61.63
RMS 13.64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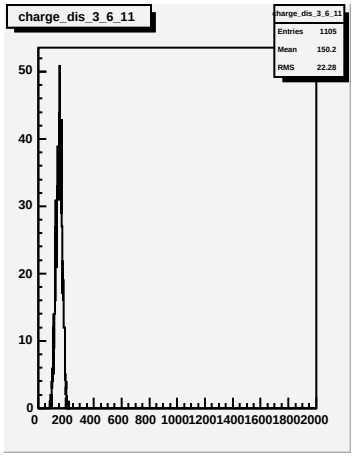
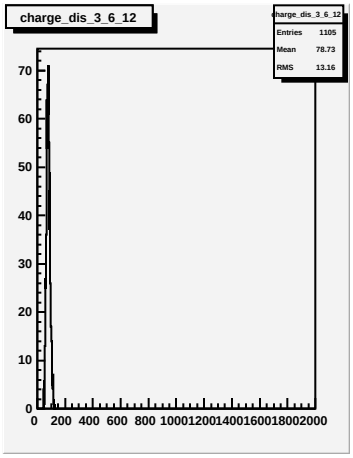
Entries 1105
Mean 80
RMS 15.91


charge_dis_3_6_11
charge_dis_3_6_11
Entries 1105
Mean 150.2
RMS 22.28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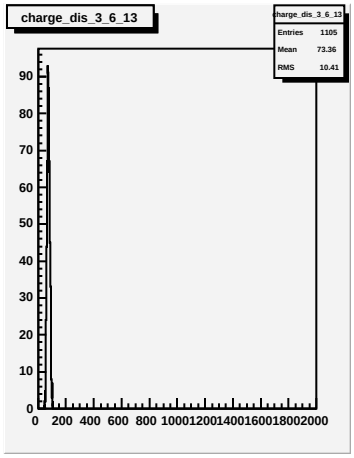
Entries 1105
Mean 78.73
RMS 13.16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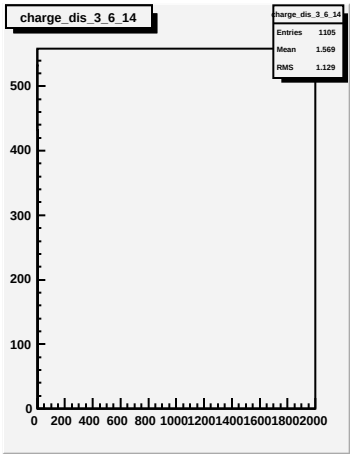
Entries 1105
Mean 73.36
RMS 10.41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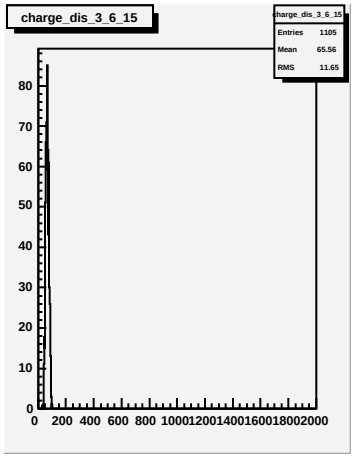
Entries 1105
Mean 1.569
RMS 1.129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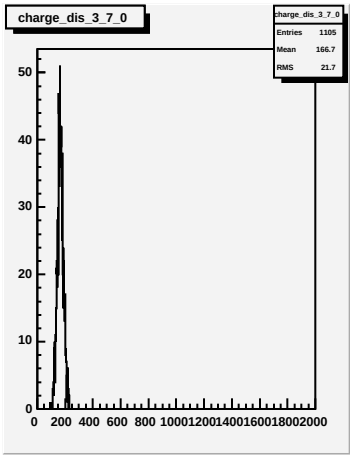
Entries 1105
Mean 65.56
RMS 11.65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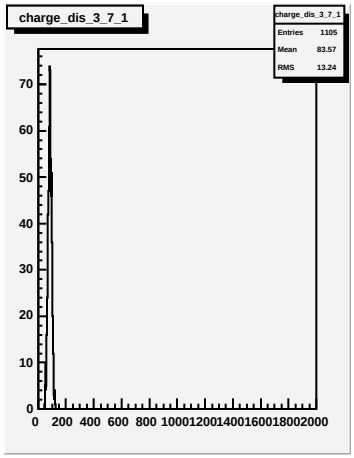
Entries 1105
Mean 166.7
RMS 21.7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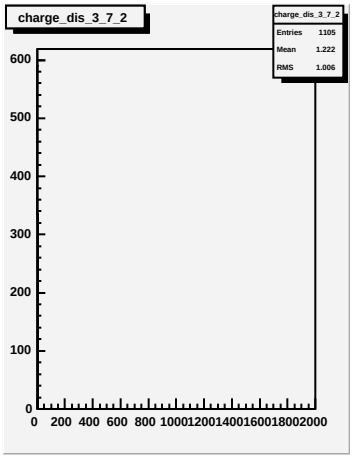
Entries 1105
Mean 83.57
RMS 13.24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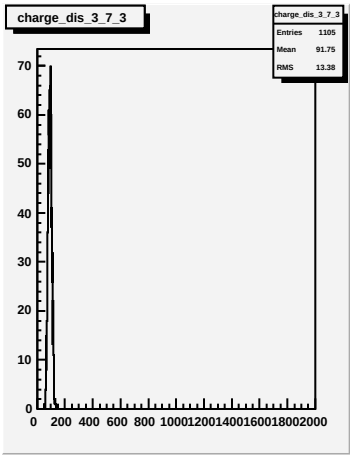
RMS 1.006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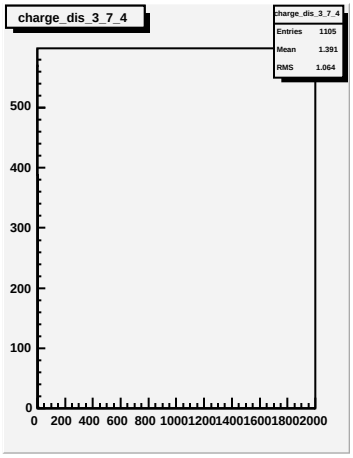
Entries 1105
Mean 91.75
RMS 13.38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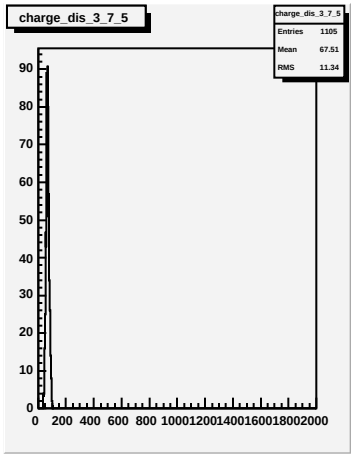
Entries 1105
Mean 1.391
RMS 1.064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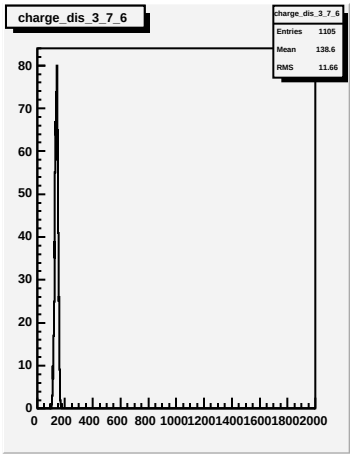
charge_dis_3_7_5
Entries 1105
Mean 67.51
RMS 11.34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Entries 1105
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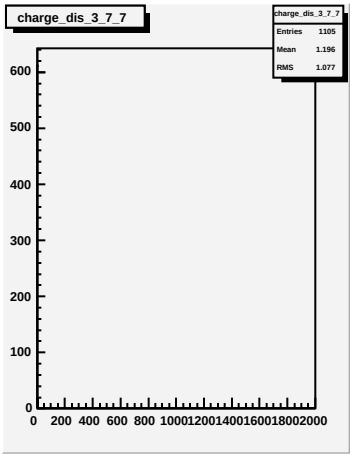
RMS 11.66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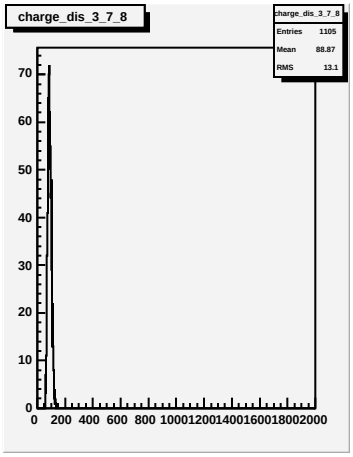
Entries 1105
Mean 1.196
RMS 1.077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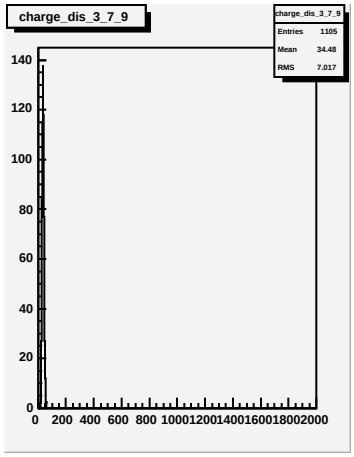
Entries 1105
Mean 88.87
RMS 13.1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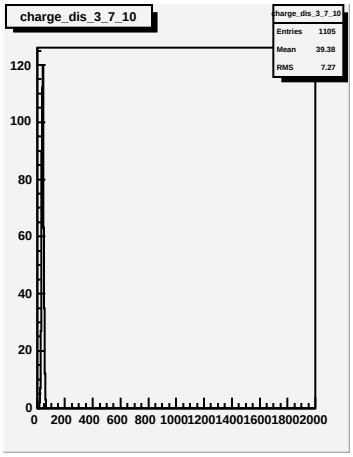
Entries 1105
Mean 34.48
RMS 7.017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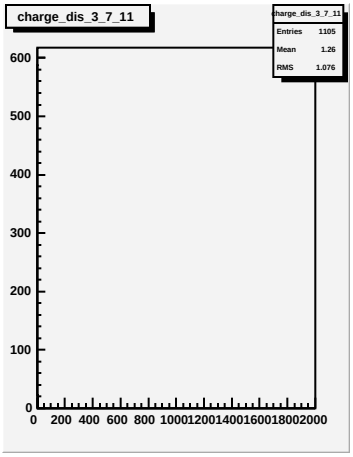
Entries 1105
Mean 39.38
RMS 7.27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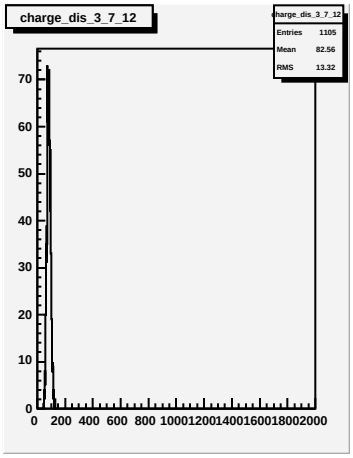
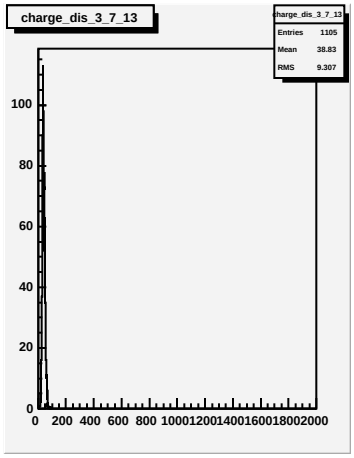
Entries 1105
Mean 1.26
RMS 1.076


charge_dis_3_7_12
charge_dis_3_7_12
Entries 1105
Mean 82.56
RMS 13.32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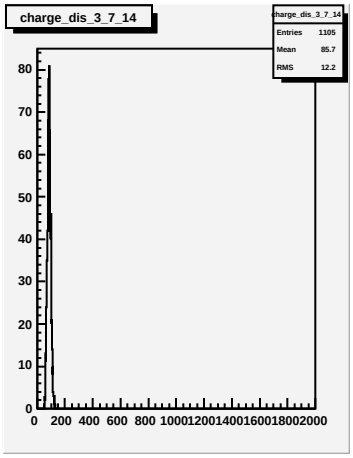
Mean 38.83
RMS 9.307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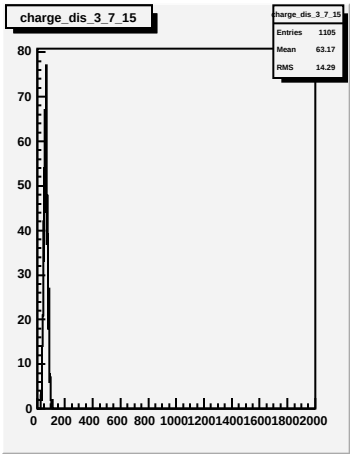
Entries 1105
Mean 85.7
RMS 12.2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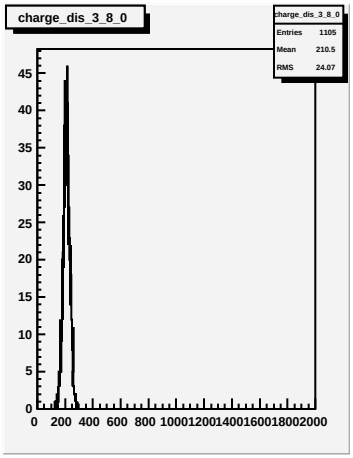
Entries 1105
Mean 63.17
RMS 14.29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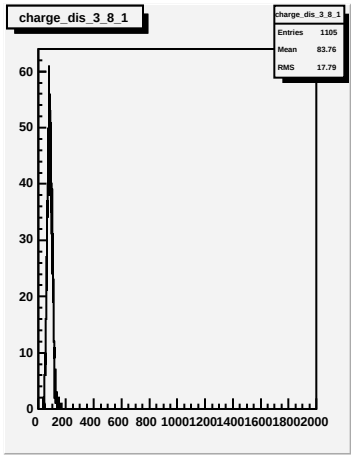
Entries 1105
Mean 210.5
RMS 24.07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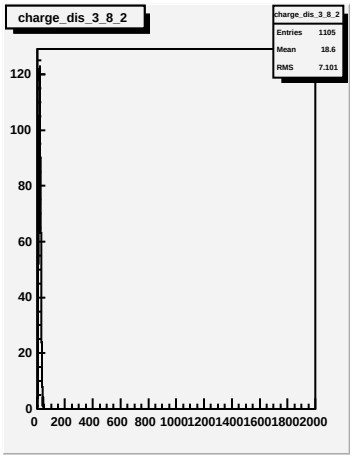
charge_dis_3_8_1
Entries 1105
Mean 83.76
RMS 17.79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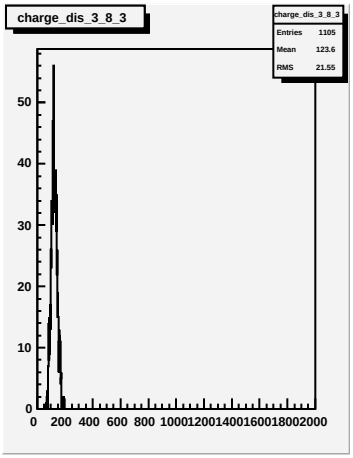
charge_dis_3_8_2
Entries 1105
Mean 18.6
RMS 7.101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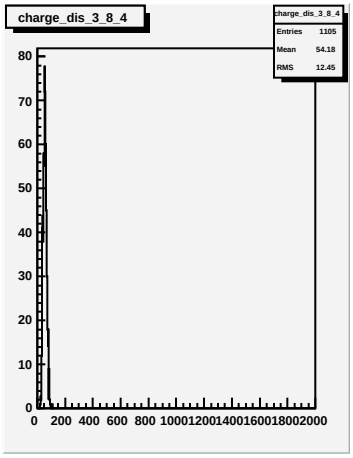
charge_dis_3_8_3
Entries 1105
Mean 123.6
RMS 21.55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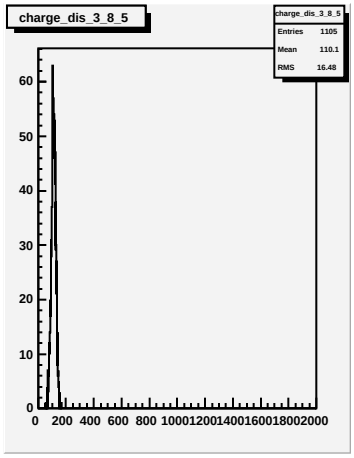
Entries 1105
Mean 54.18
RMS 12.45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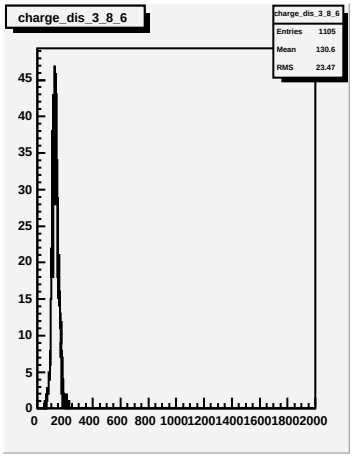
Entries 1105
Mean 110.1
RMS 16.48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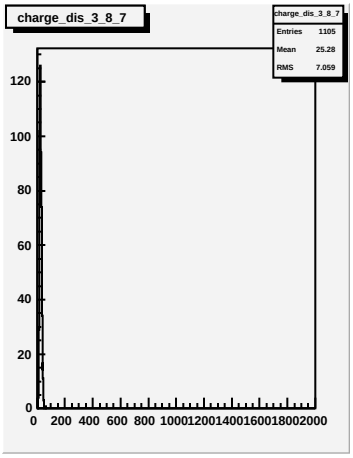
Entries 1105
Mean 130.6
RMS 23.47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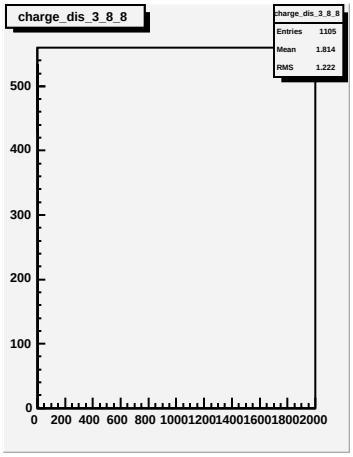
Entries 1105
Mean 25.28
RMS 7.059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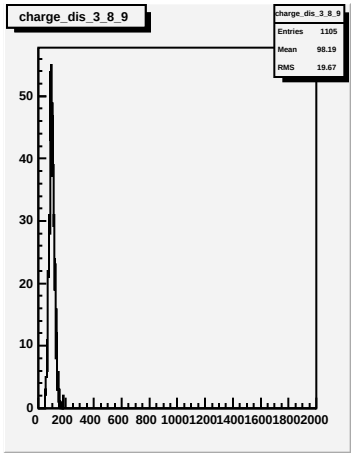
Entries 1105
Mean 1.814
RMS 1.222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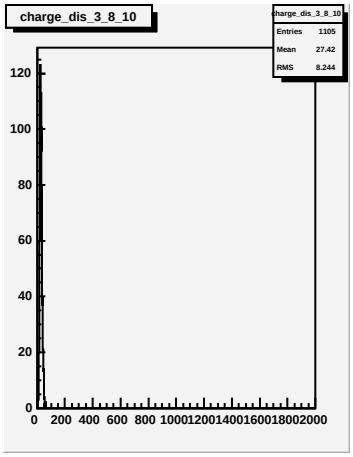
Entries 1105
Mean 98.19
RMS 19.67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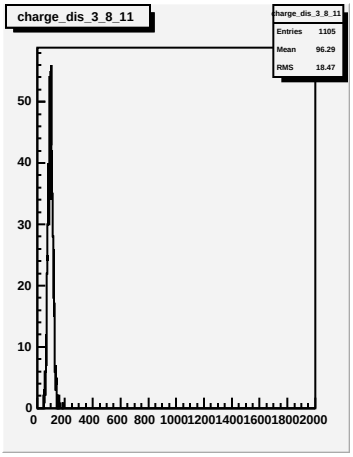
Entries 1105
Mean 27.42
RMS 8.244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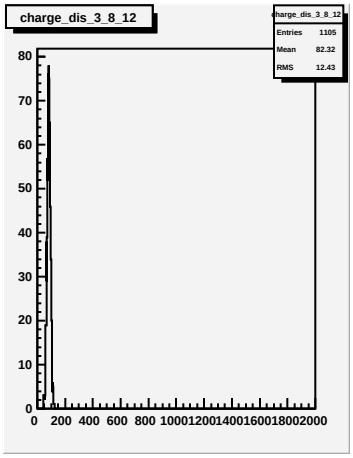
Entries 1105
Mean 96.29
RMS 18.47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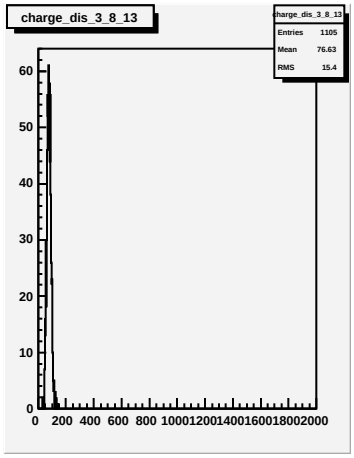
Entries 1105
Mean 82.32
RMS 12.43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Entries 1105
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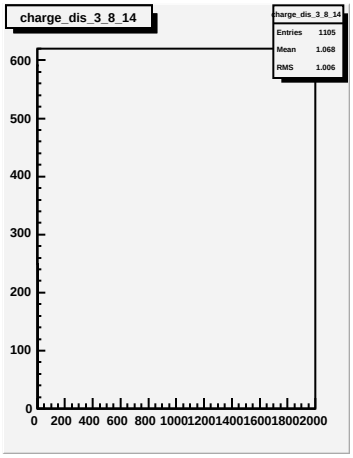
RMS 15.4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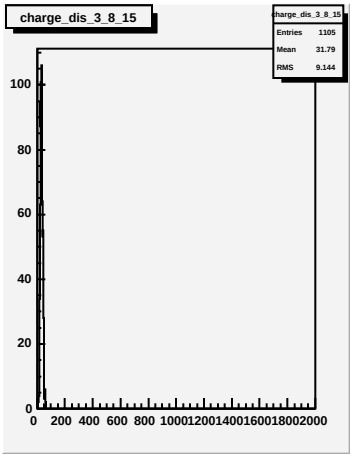
Entries 1105
Mean 1.068
RMS 1.006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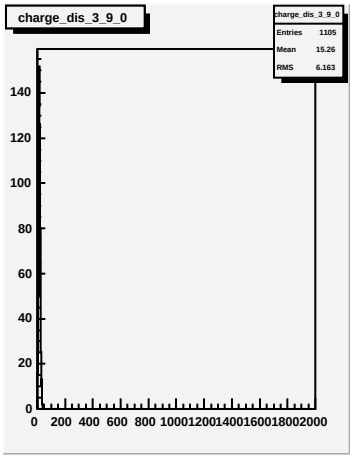
Entries 1105
Mean 31.79
RMS 9.144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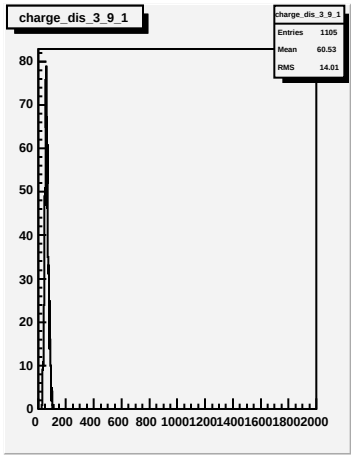
Entries 1105
Mean 15.26
RMS 6.163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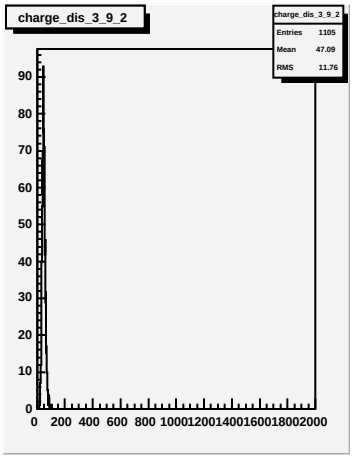
Entries 1105
Mean 60.53
RMS 14.01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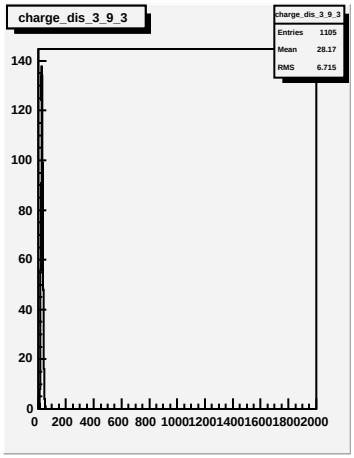
Entries 1105
Mean 47.09
RMS 11.76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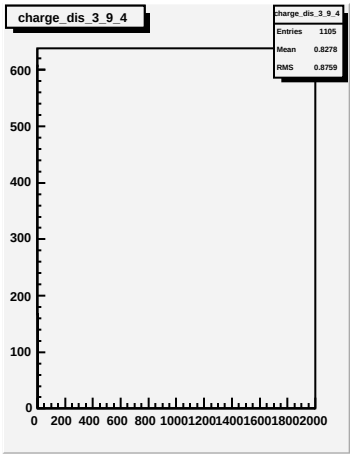
Entries 1105
Mean 28.17
RMS 6.715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Entries 1105
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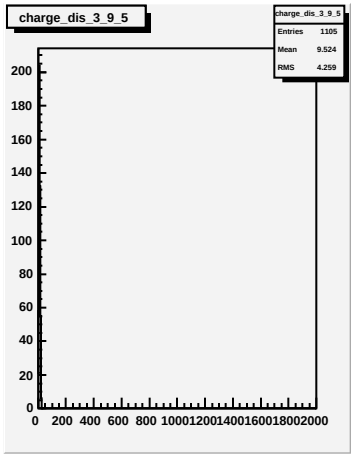
RMS 0.8759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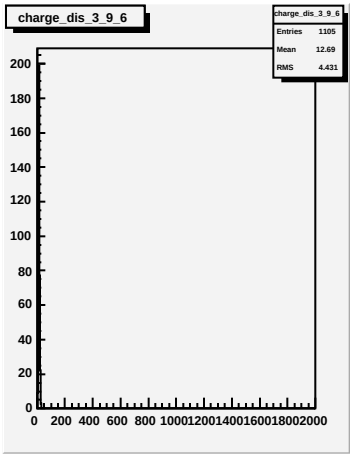
Entries 1105
Mean 9.524
RMS 4.259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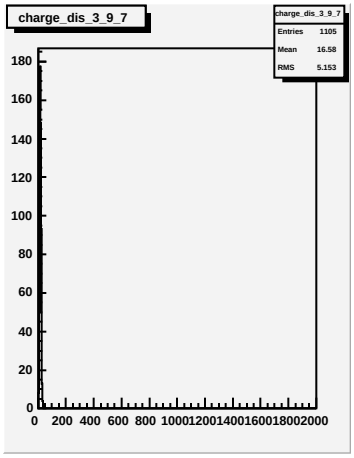
Entries 1105
Mean 12.69
RMS 4.431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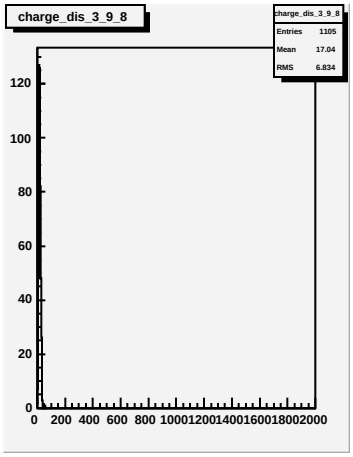
Entries 1105
Mean 16.58
RMS 5.153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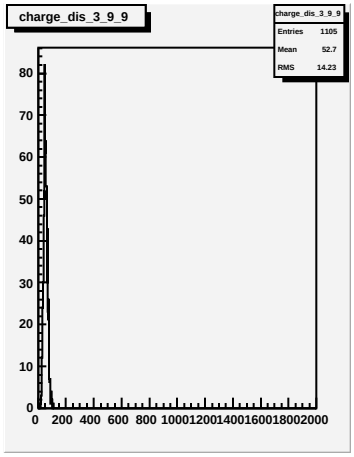
Entries 1105
Mean 17.04
RMS 6.834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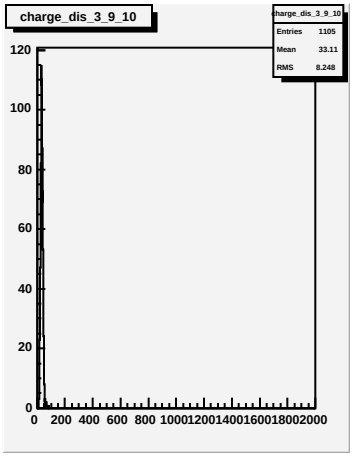
Entries 1105
Mean 52.7
RMS 14.23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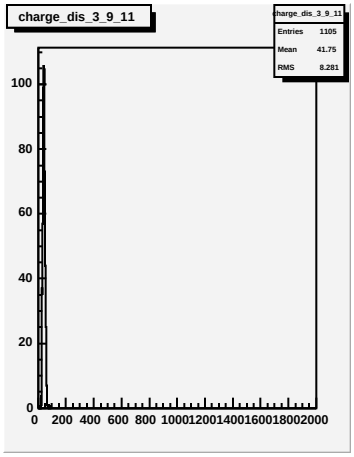
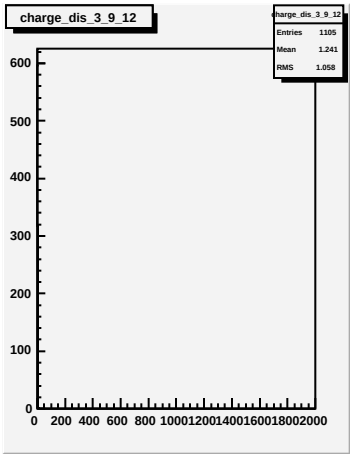
Entries 1105
Mean 33.11
RMS 8.248


charge_dis_3_9_11
charge_dis_3_9_11
Entries 1105
Mean 41.75
RMS 8.281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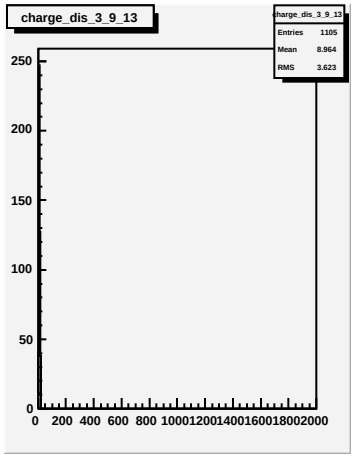
charge_dis_3_9_12
Entries 1105
Mean 1.241
RMS 1.058


charge_dis_3_9_13
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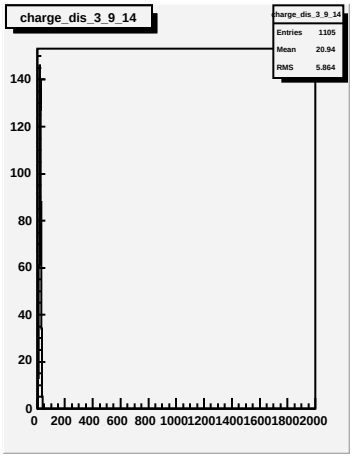
Entries 1105
Mean 8.964
RMS 3.623


charge_dis_3_9_14
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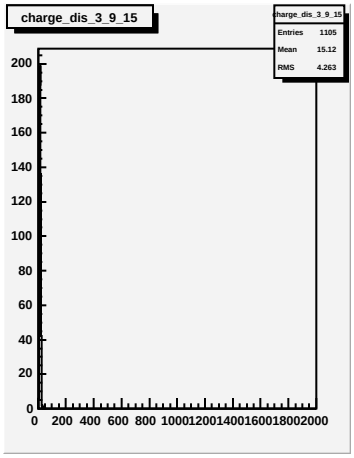
Entries 1105
Mean 20.94
RMS 5.864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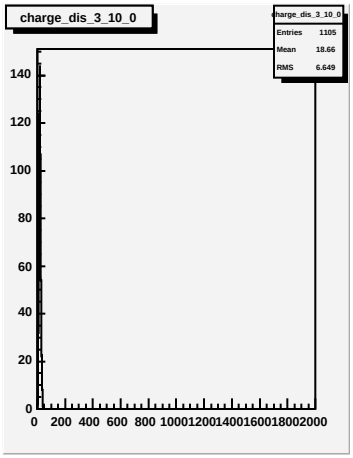
Entries 1105
Mean 15.12
RMS 4.263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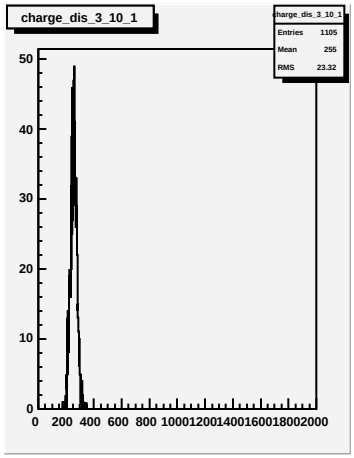
charge_dis_3_10_0
Entries 1105
Mean 18.66
RMS 6.649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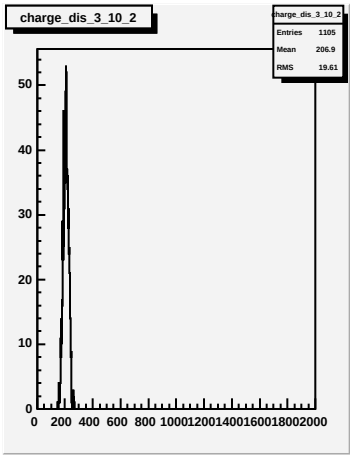
charge_dis_3_10_1
Entries 1105
Mean 255
RMS 23.32


charge_dis_3_10_2
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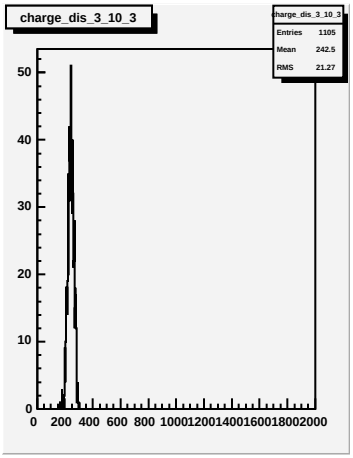
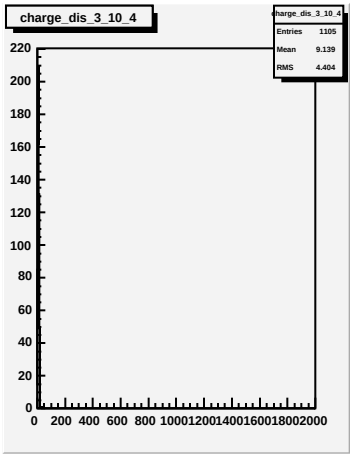
Entries 1105
Mean 206.9
RMS 19.61


charge_dis_3_10_3
charge_dis_3_10_3
Entries 1105
Mean 242.5
RMS 21.27


charge_dis_3_10_4
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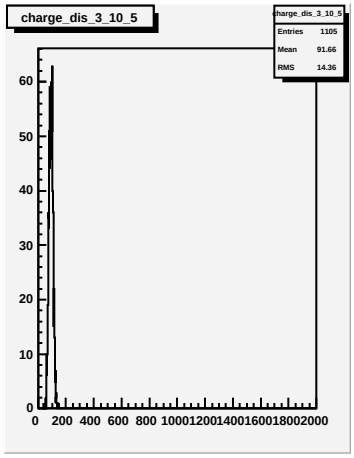
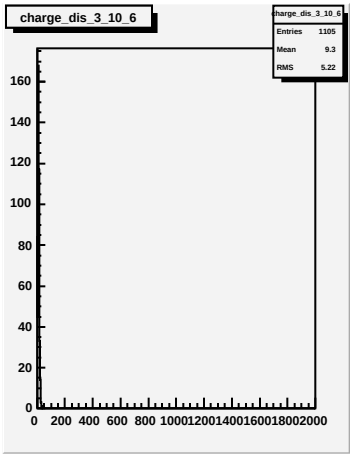
Entries 1105
Mean 9.139
RMS 4.404


charge_dis_3_10_5
charge_dis_3_10_5
Entries 1105
Mean 91.66
RMS 14.36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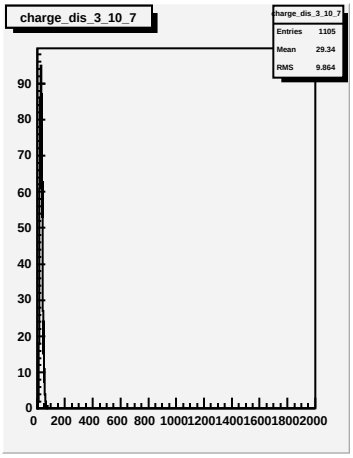
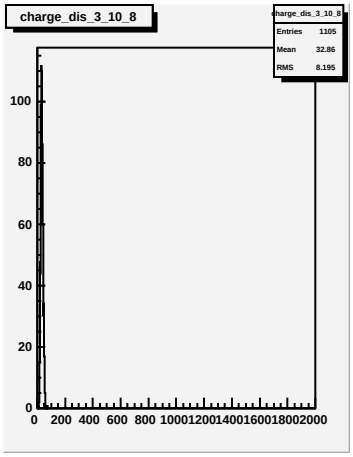
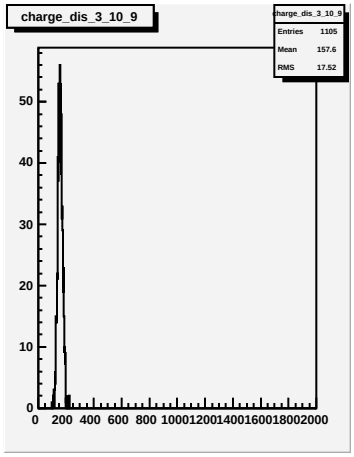
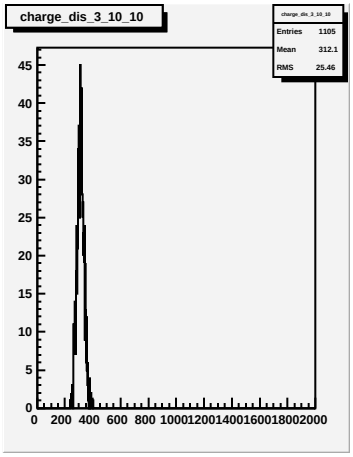
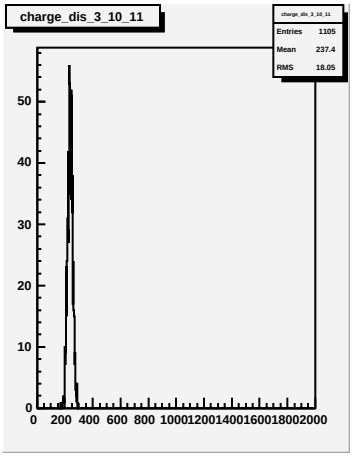
Entries 1105
Mean 9.3
RMS 5.22

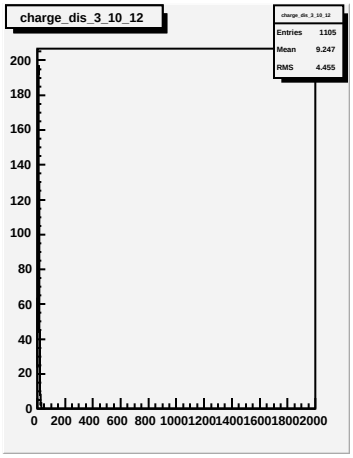

charge_dis_3_10_7
charge_dis_3_10_7
Entries 1105
Mean 29.34
RMS 9.864


charge_dis_3_10_8
charge_dis_3_10_8
Entries 1105
Mean 32.86
RMS 8.195


charge_dis_3_10_9
charge_dis_3_10_9
Entries 1105
Mean 157.6
RMS 17.52


charge_dis_3_10_10
charge_dis_3_10_10
Entries 1105
Mean 312.1
RMS 25.46


charge_dis_3_10_11
charge_dis_3_10_11
Entries 1105
Mean 237.4
RMS 18.05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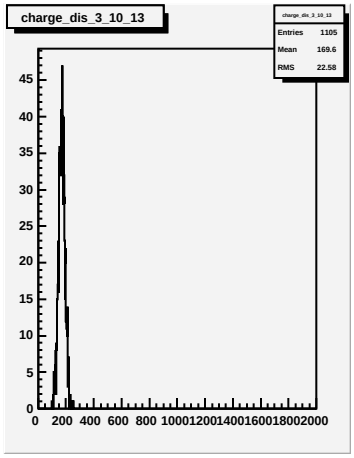
Entries 1105
Mean 9.247
RMS 4.455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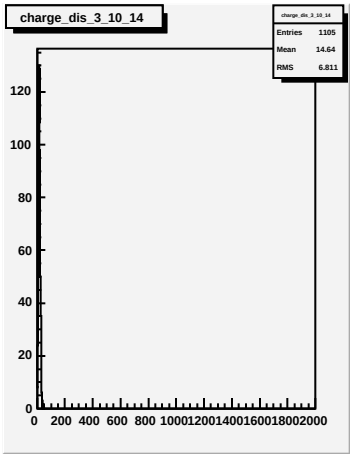
charge_dis_3_10_13
Entries 1105
Mean 169.6
RMS 22.58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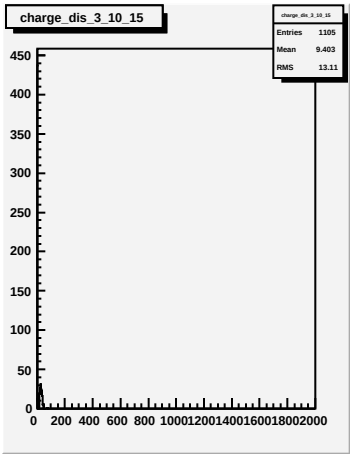
charge_dis_3_10_14
Entries 1105
Mean 14.64
RMS 6.811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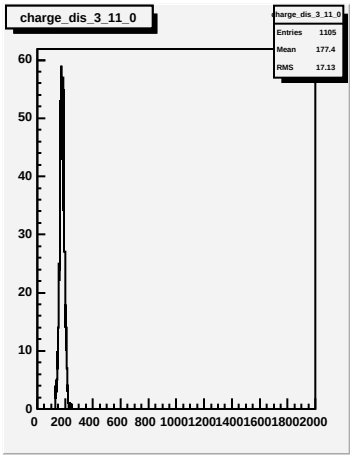
charge_dis_3_10_15
Entries 1105
Mean 9.403
RMS 13.11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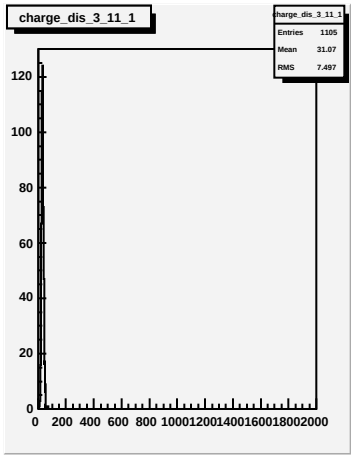
Entries 1105
Mean 177.4
RMS 17.13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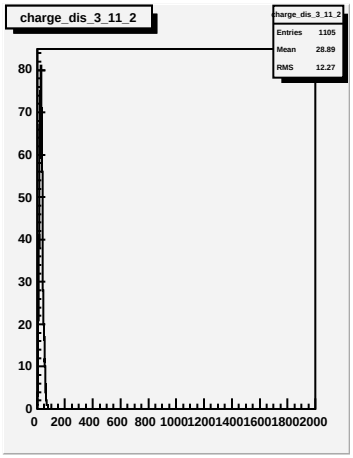
Entries 1105
Mean 31.07
RMS 7.497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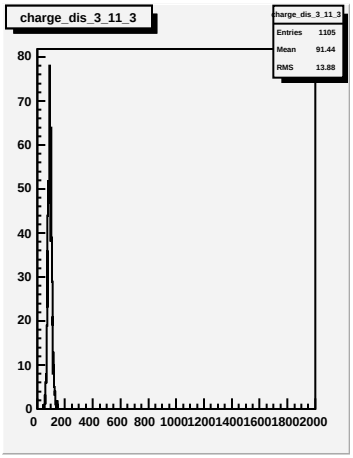
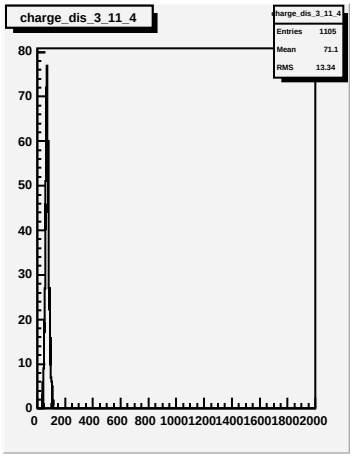
Mean 28.89
RMS 12.27


charge_dis_3_11_3
Entries 1105
Mean 91.44
RMS 13.88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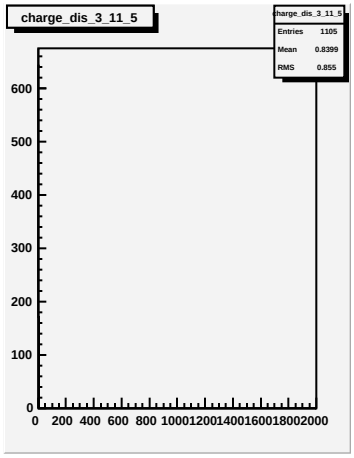
Entries 1105
Mean 71.1
RMS 13.34


charge_dis_3_11_5
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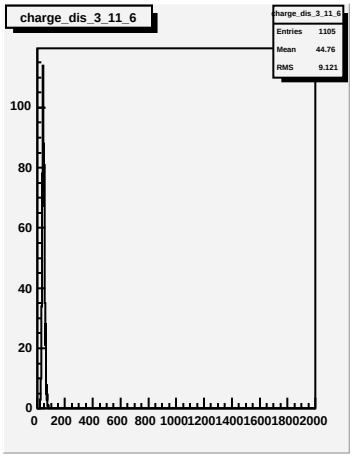
Mean 0.8399
RMS 0.855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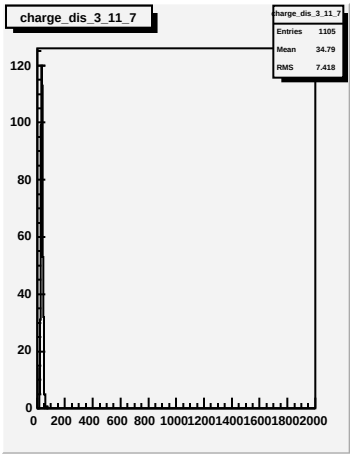
Entries 1105
Mean 44.76
RMS 9.121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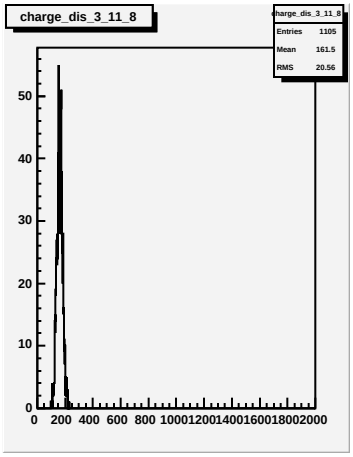
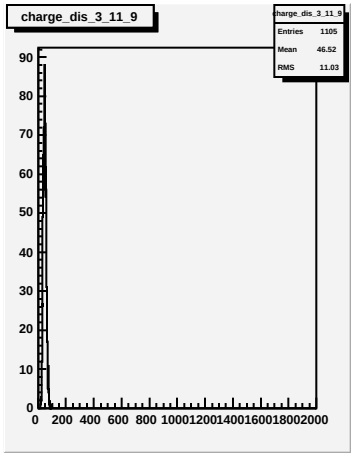
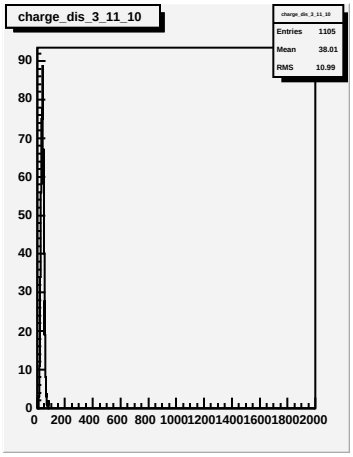
Entries 1105
Mean 34.79
RMS 7.418


charge_dis_3_11_8
Entries 1105
Mean 161.5
RMS 20.56


charge_dis_3_11_9
Entries 1105
Mean 46.52
RMS 11.03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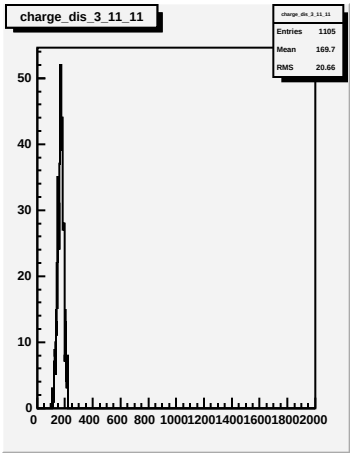
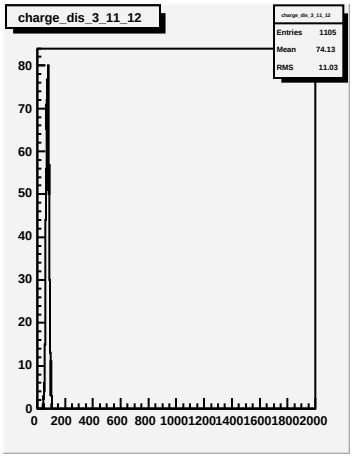
Entries 1105
Mean 38.01
RMS 10.99


charge_dis_3_11_11
Entries 1105
Mean 169.7
RMS 20.66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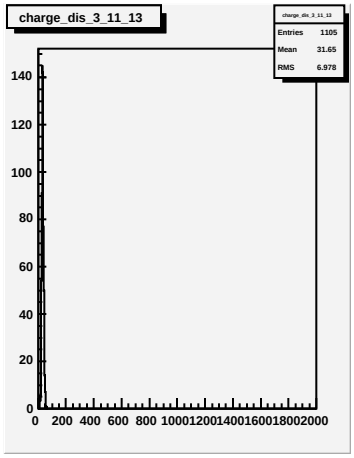
Entries 1105
Mean 74.13
RMS 11.03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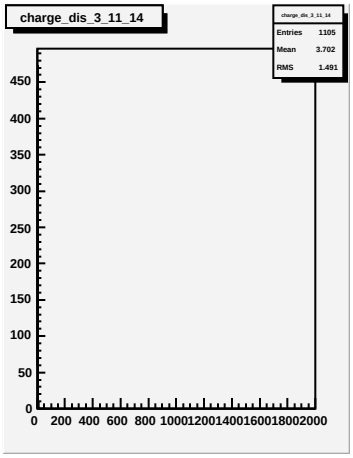
Entries 1105
Mean 31.65
RMS 6.978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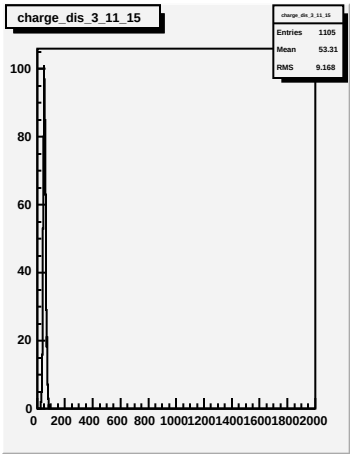
Entries 1105
Mean 3.702
RMS 1.491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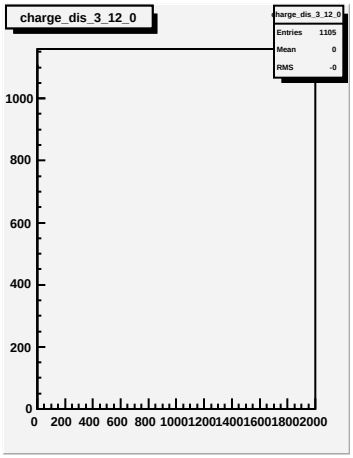
Mean 53.31
RMS 9.168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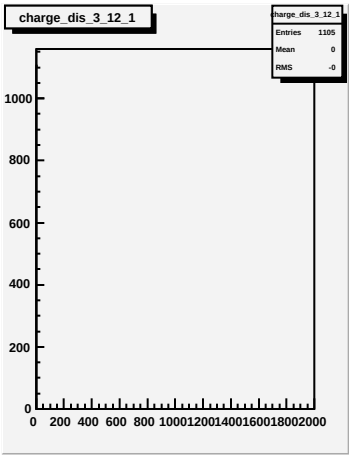
Mean 0
RMS -0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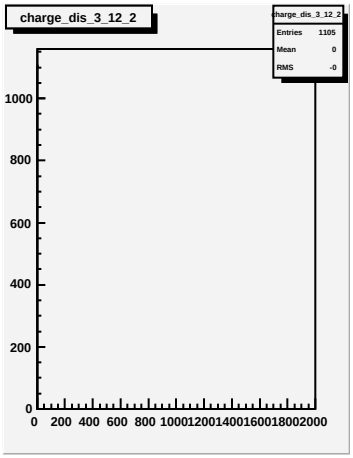
Entries 1105
Mean 0
RMS -0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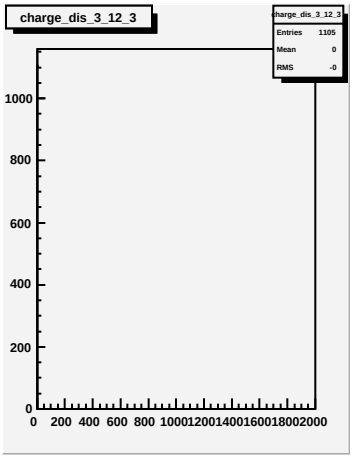
Entries 1105
Mean 0
RMS -0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Entries 1105
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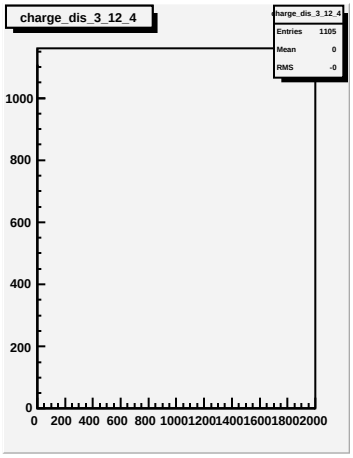
RMS -0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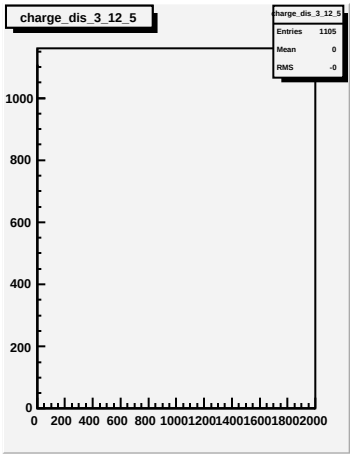
Mean 0
RMS -0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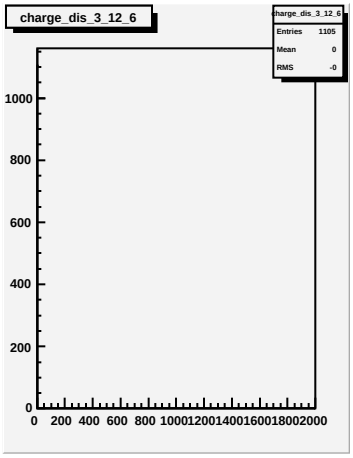
RMS -0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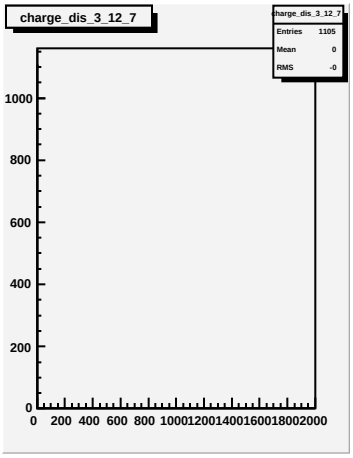
Entries 1105
Mean 0
RMS -0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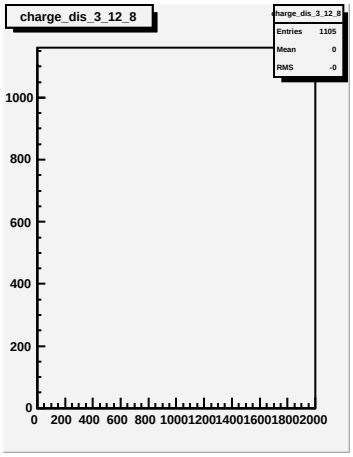
Entries 1105
Mean 0
RMS -0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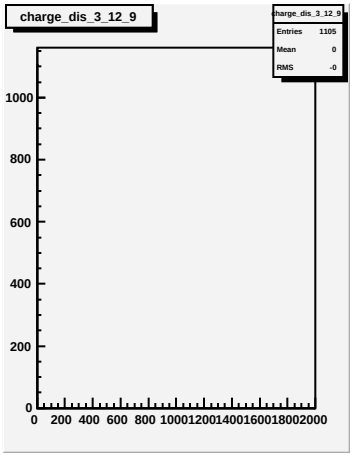
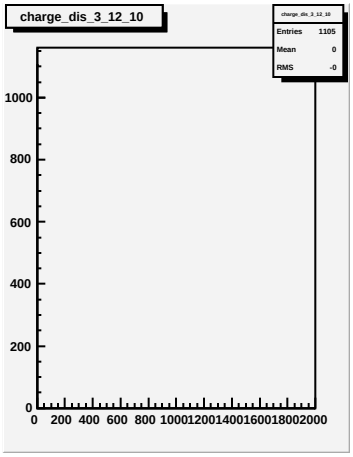
Entries 1105
Mean 0
RMS -0


charge_dis_3_12_9
Entries 1105
Mean 0
RMS -0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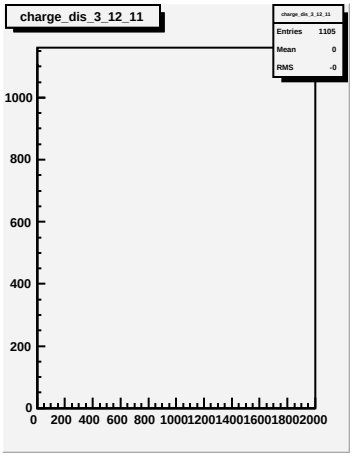
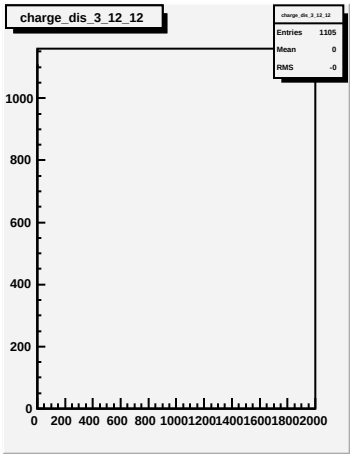
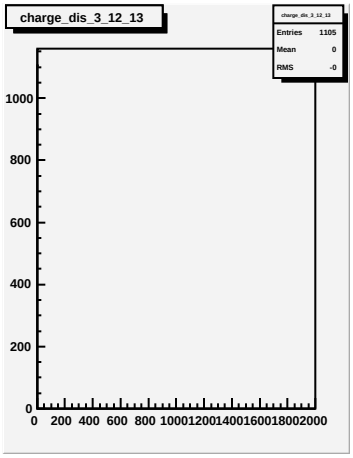
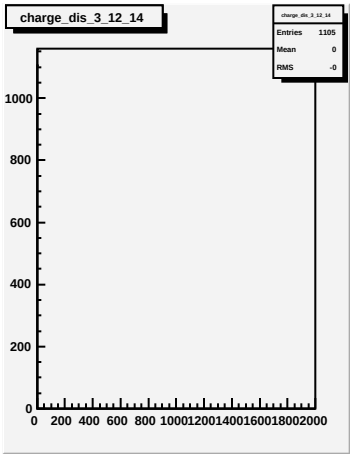
Entries 1105
Mean 0
RMS -0


charge_dis_3_12_11
Entries 1105
Mean 0
RMS -0


charge_dis_3_12_12
Entries 1105
Mean 0
RMS -0


charge_dis_3_12_13
Entries 1105
Mean 0
RMS -0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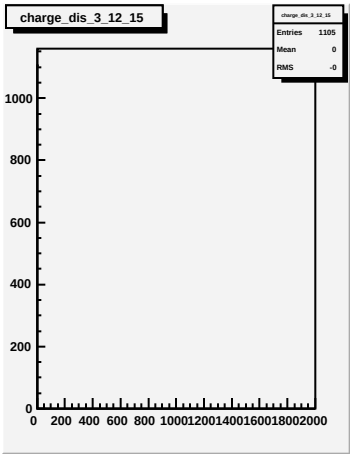
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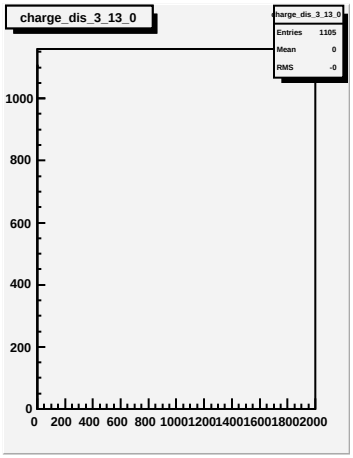
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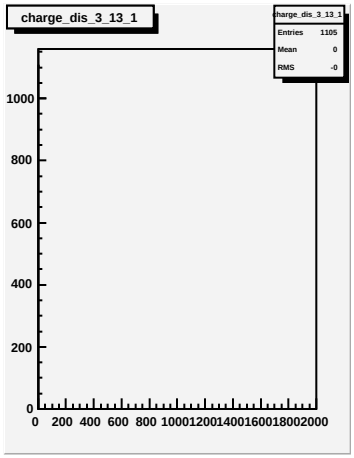
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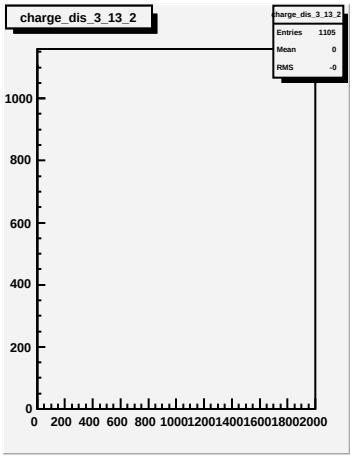
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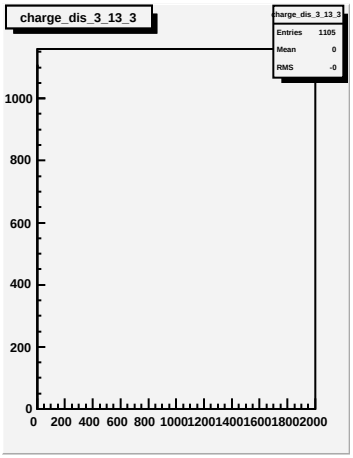
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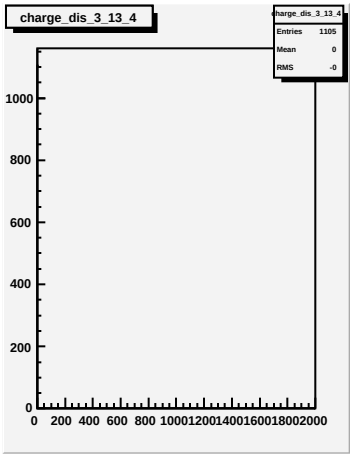
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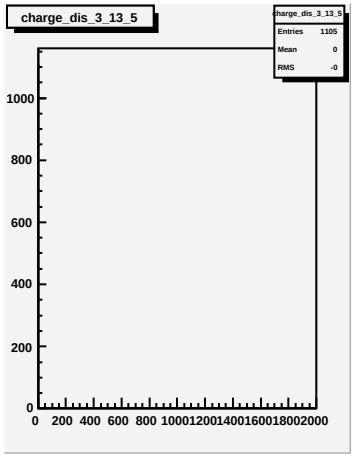
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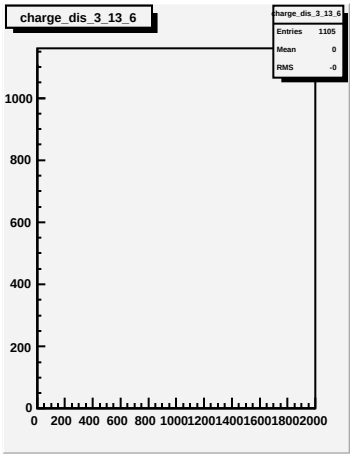
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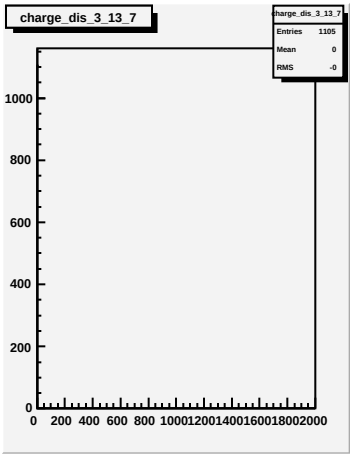
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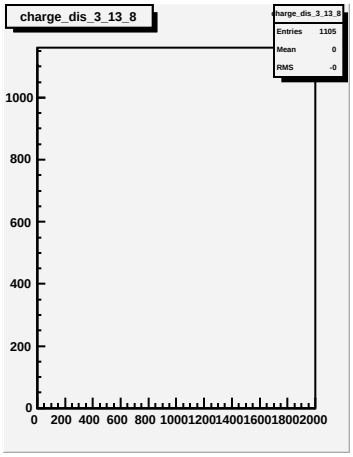
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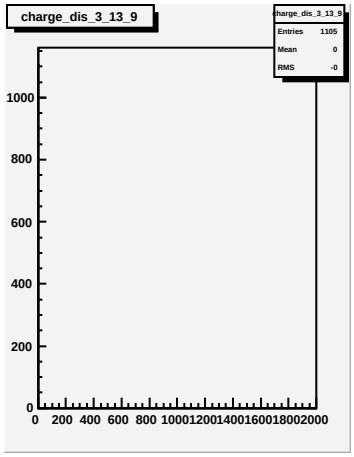
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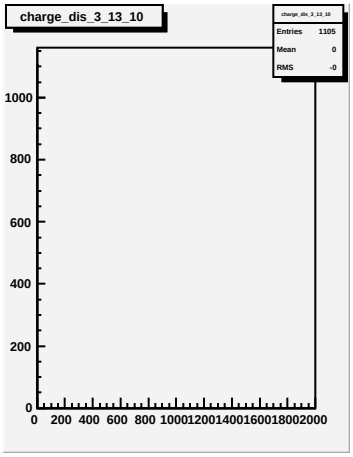
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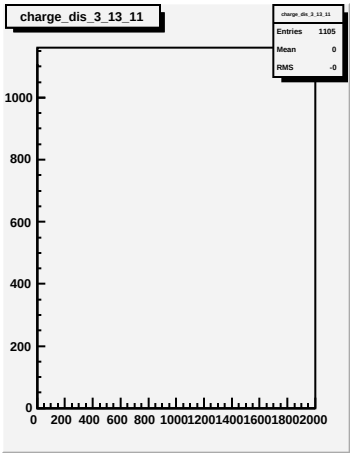
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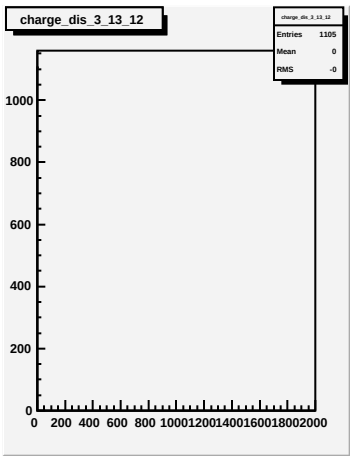
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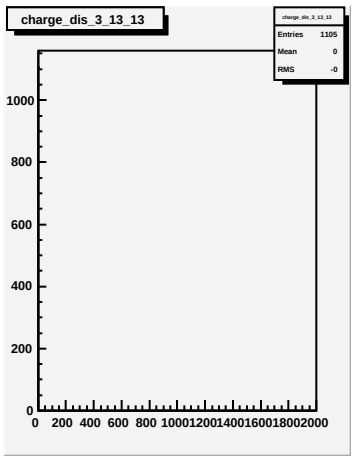
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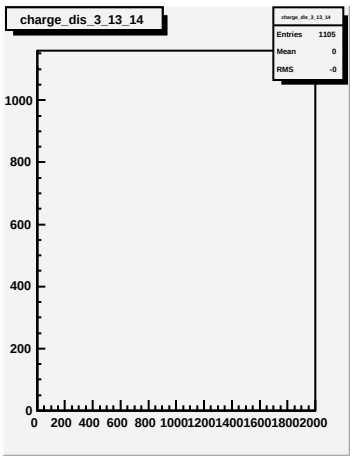
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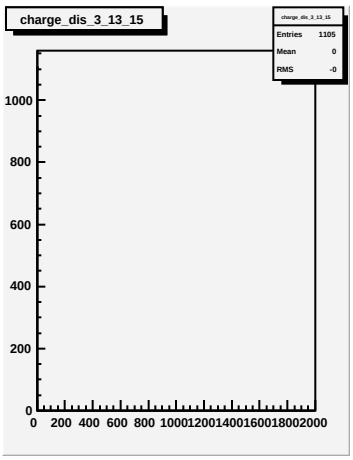
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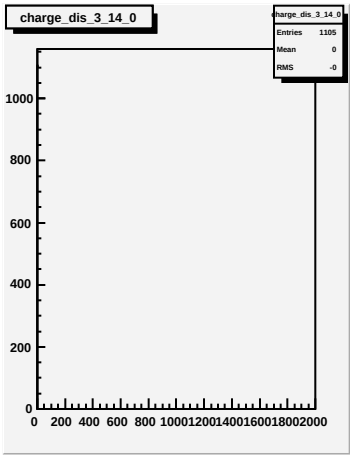
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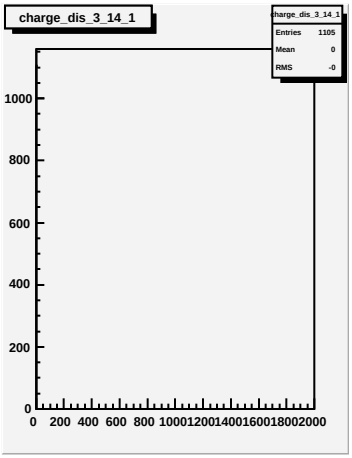
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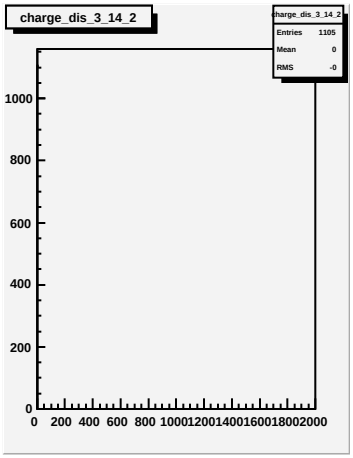
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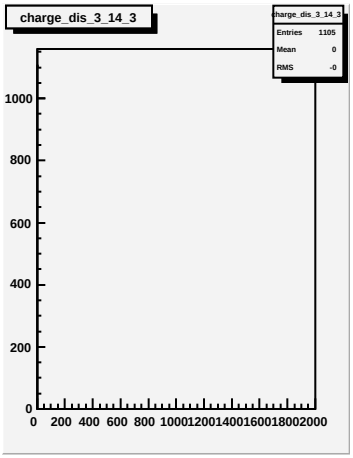
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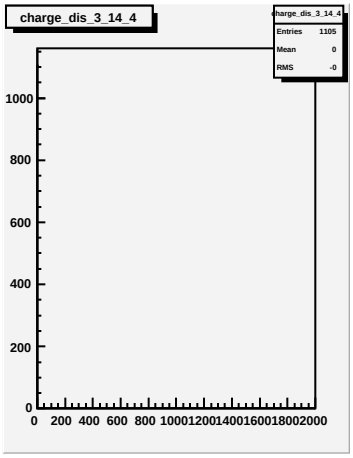
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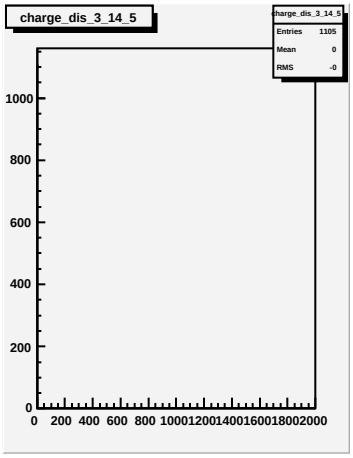
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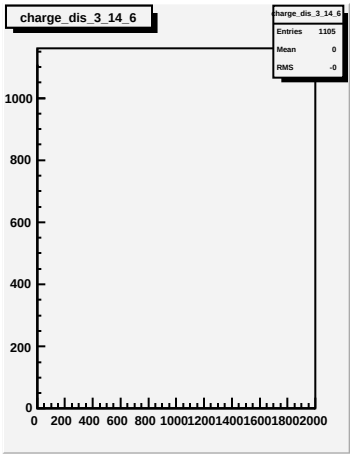
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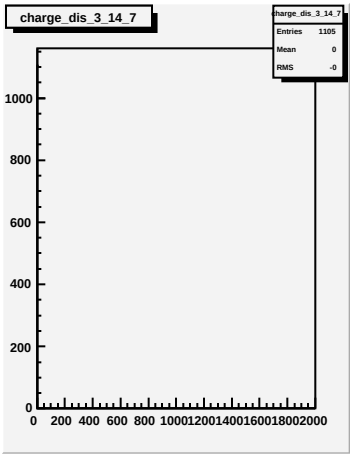
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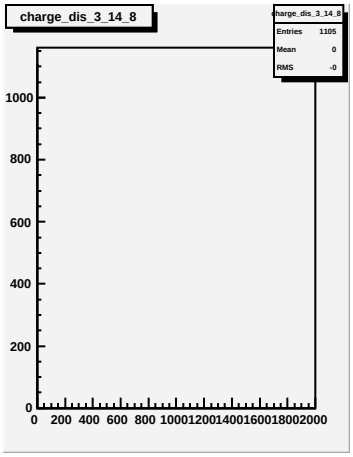
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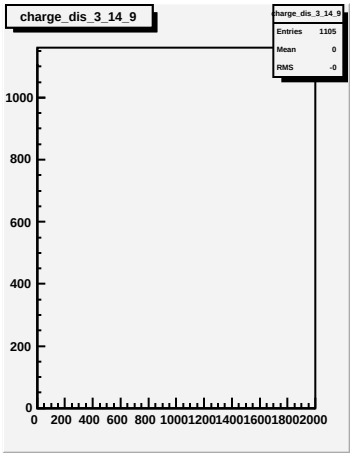
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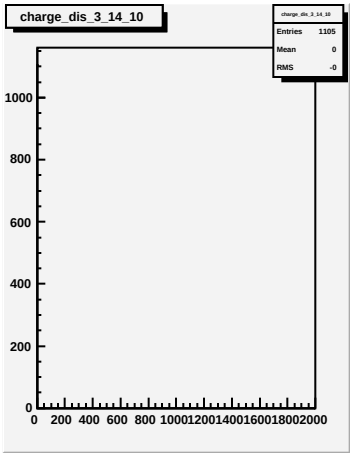
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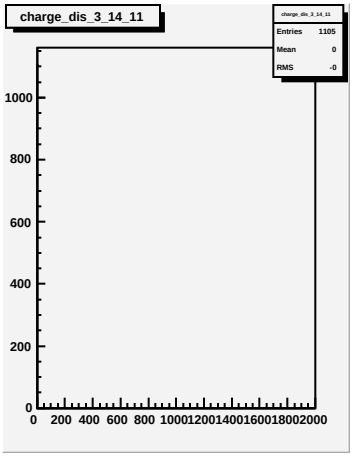
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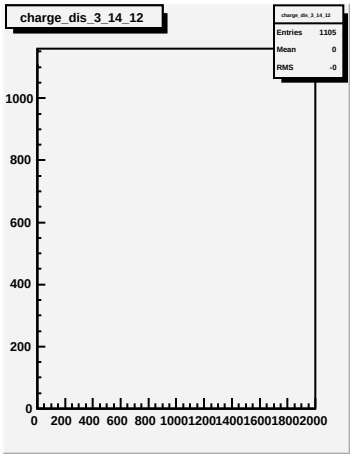
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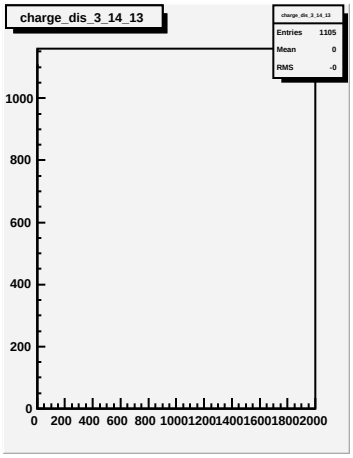
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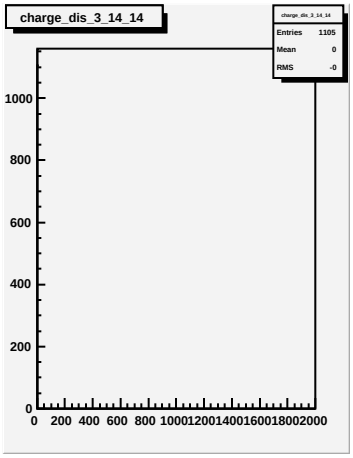
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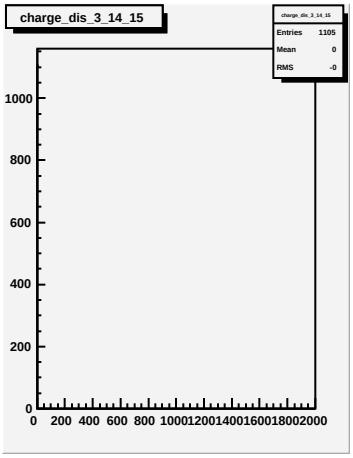
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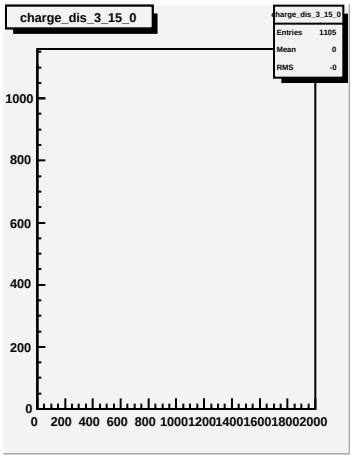
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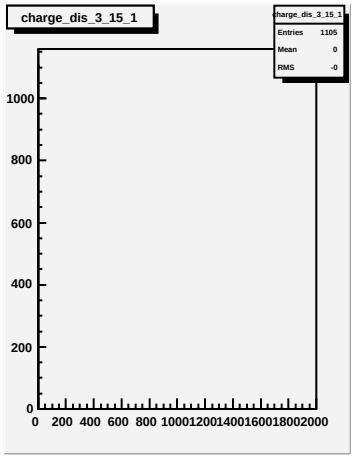
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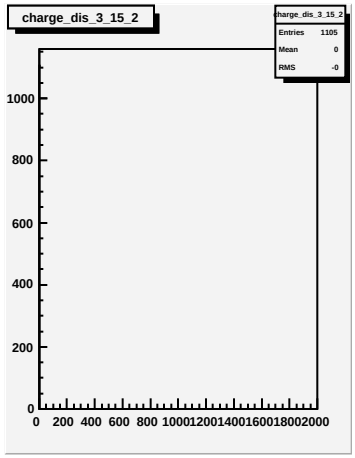
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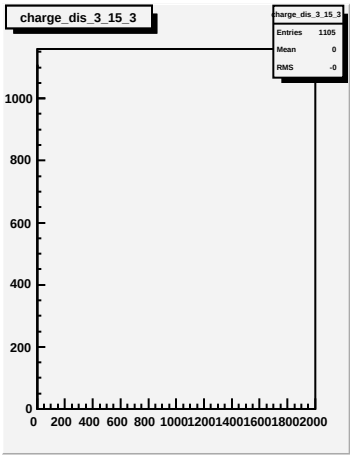
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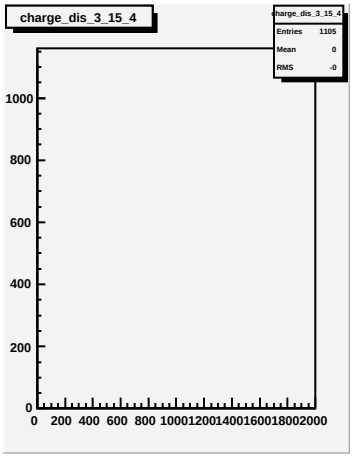
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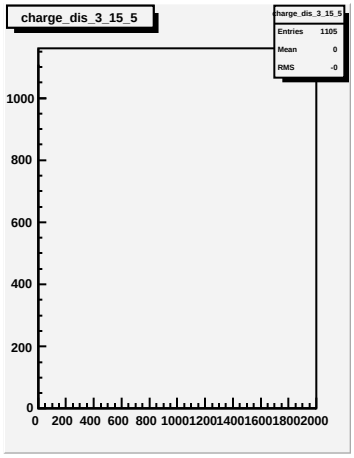
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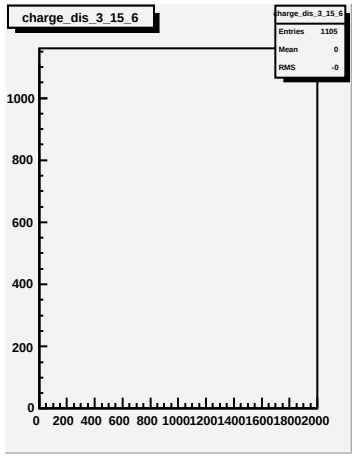
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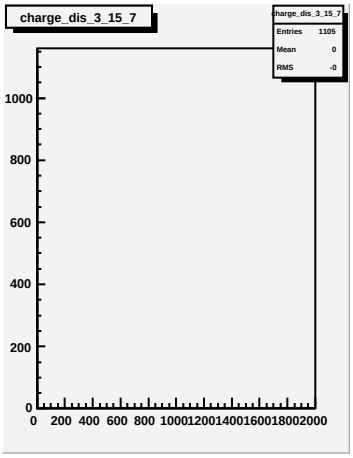
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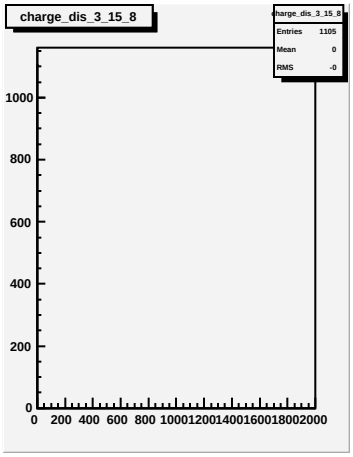
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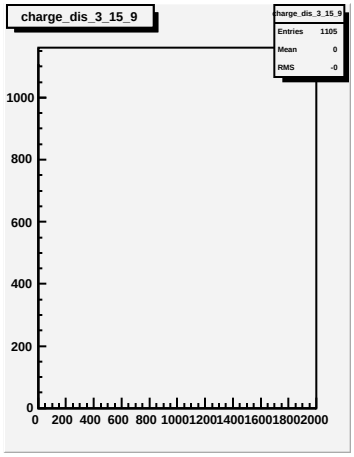
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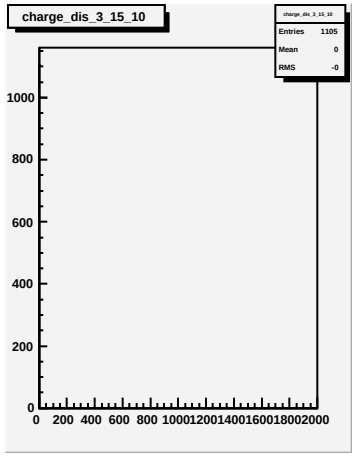
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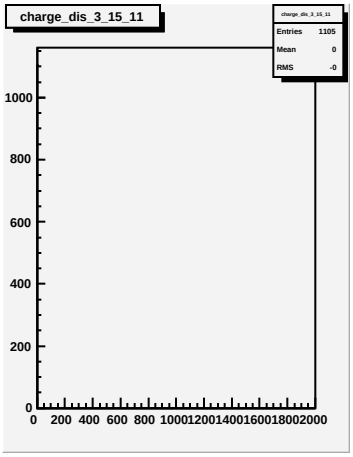
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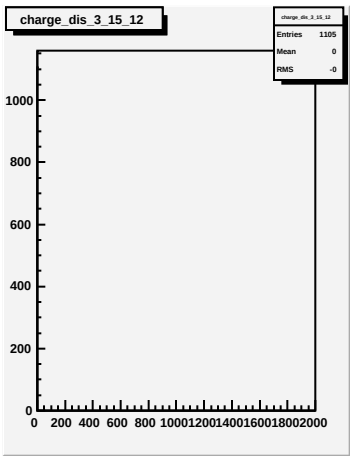
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charge_dis_3_15_12
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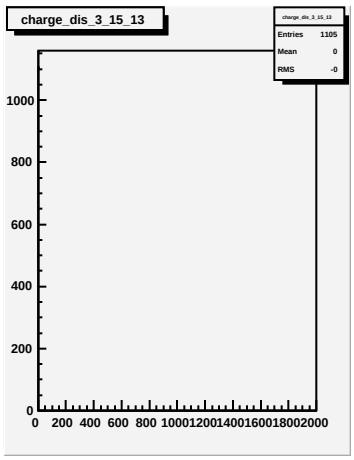
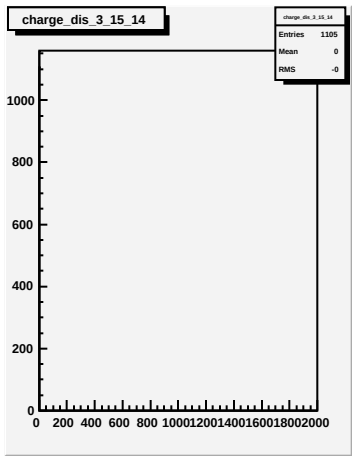
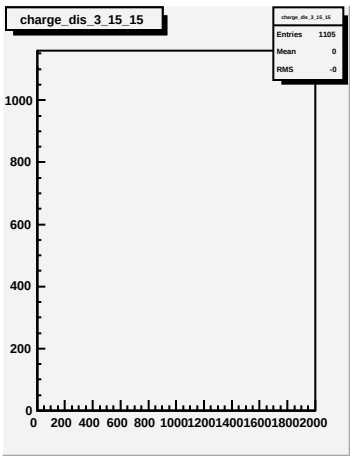
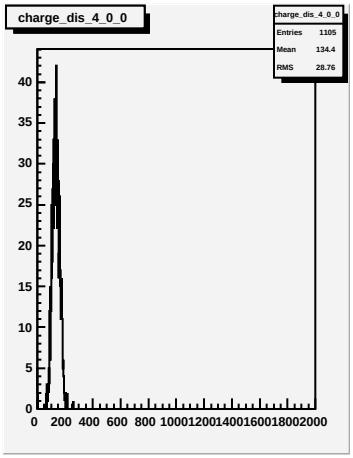
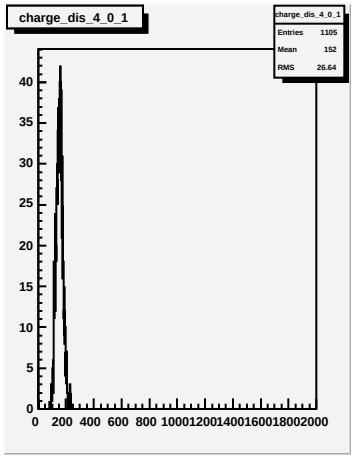
Mean 0
RMS -0
0 200 400 600 800 1000
0 200 400 600 800 1000 1200 1400 1600 1800 2000

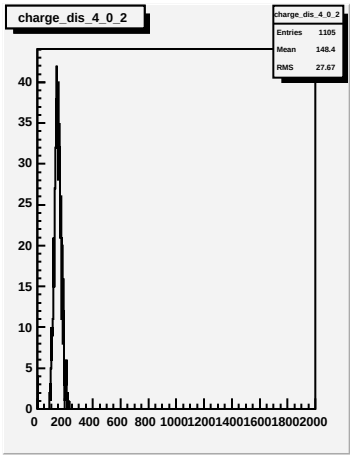

charge_dis_3_15_13
charge_dis_3_15_13
Entries 1105
Mean 0
RMS -0
0 200 400 600 800 1000
0 200 400 600 800 1000 1200 1400 1600 1800 2000

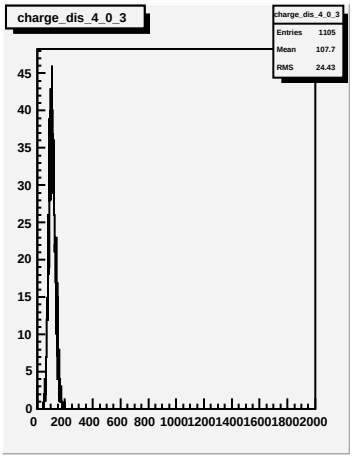

charge_dis_3_15_14
charge_dis_3_15_14
Entries 1105
Mean 0
RMS -0
0 200 400 600 800 1000
0 200 400 600 800 1000 1200 1400 1600 1800 2000


charge_dis_3_15_15
charge_dis_3_15_15
Entries 1105
Mean 0
RMS -0
0 200 400 600 800 1000
0 200 400 600 800 1000 1200 1400 1600 1800 2000


charge_dis_4_0_0
charge_dis_4_0_0
Entries 1105
Mean 134.4
RMS 28.76


charge_dis_4_0_1
charge_dis_4_0_1
Entries 1105
Mean 152
RMS 26.64


charge_dis_4_0_2
charge_dis_4_0_2
Entries 1105
Mean 148.4
RMS 27.67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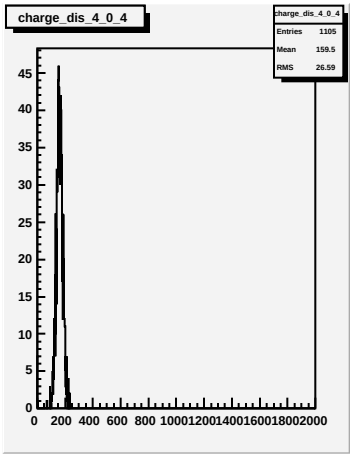
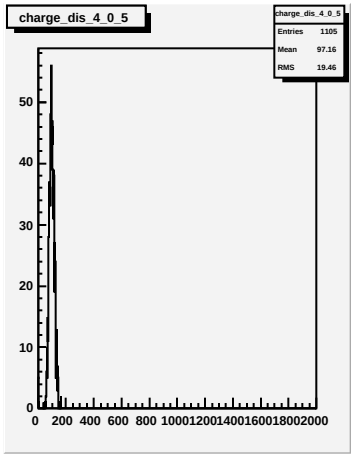
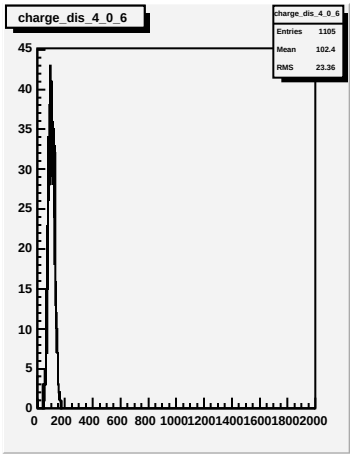
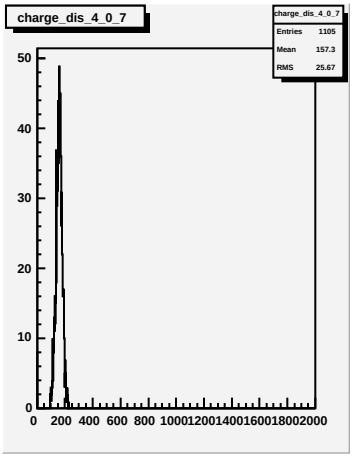
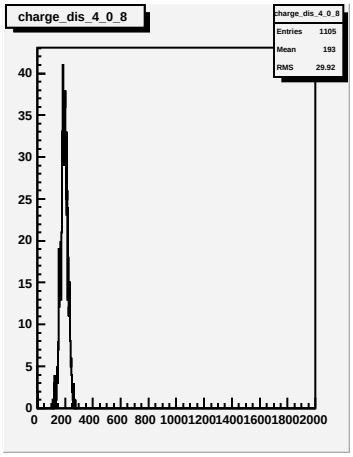
charge_dis_4_0_3
Entries 1105
Mean 107.7
RMS 24.43

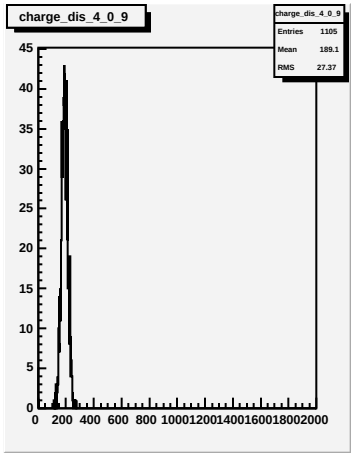

charge_dis_4_0_4
charge_dis_4_0_4
Entries 1105
Mean 159.5
RMS 26.59

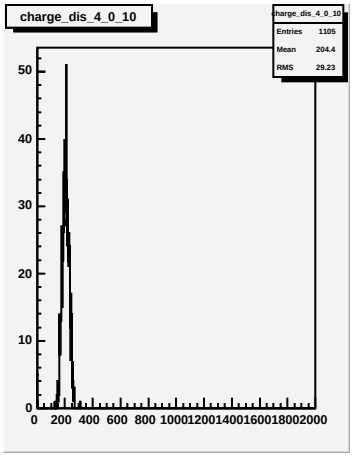

charge_dis_4_0_5
charge_dis_4_0_5
Entries 1105
Mean 97.16
RMS 19.46

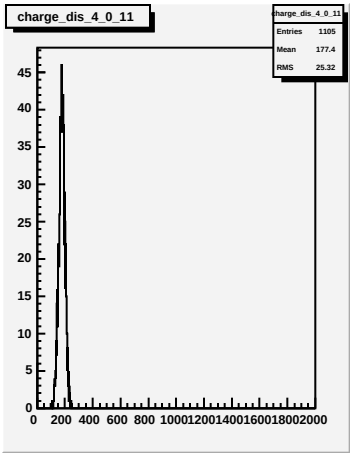

charge_dis_4_0_6
charge_dis_4_0_6
Entries 1105
Mean 102.4
RMS 23.36

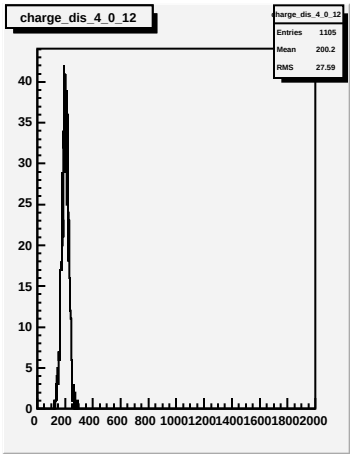

charge_dis_4_0_7
charge_dis_4_0_7
Entries 1105
Mean 157.3
RMS 25.67

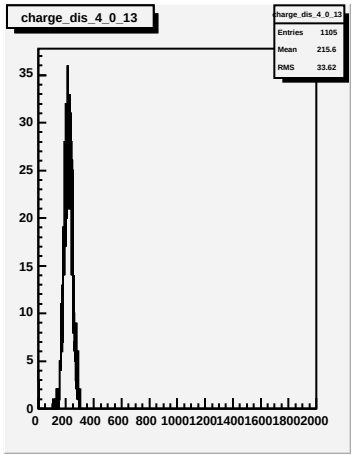

charge_dis_4_0_8
charge_dis_4_0_8
Entries 1105
Mean 193
RMS 29.92

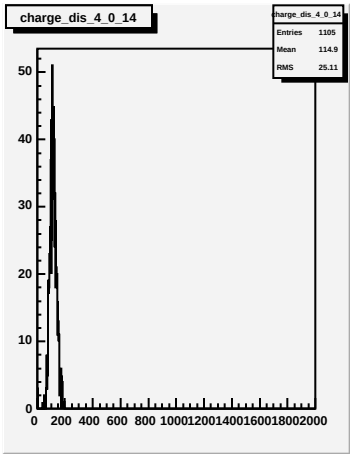

charge_dis_4_0_9
charge_dis_4_0_9
Entries 1105
Mean 189.1
RMS 27.37

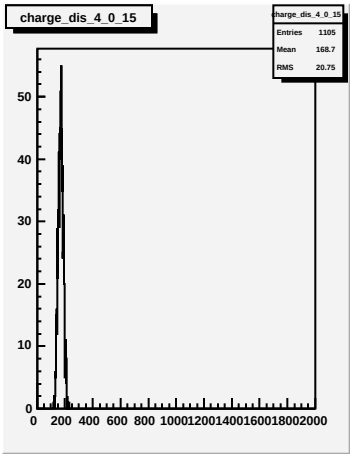

charge_dis_4_0_10
charge_dis_4_0_10
Entries 1105
Mean 204.4
RMS 29.23

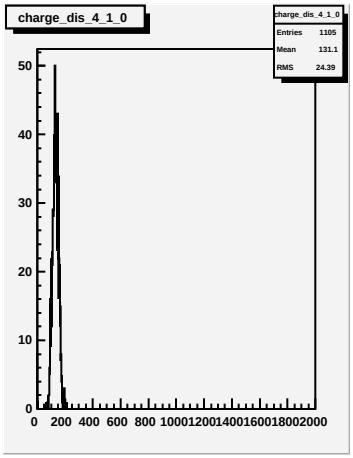

charge_dis_4_0_11
charge_dis_4_0_11
Entries 1105
Mean 177.4
RMS 25.32

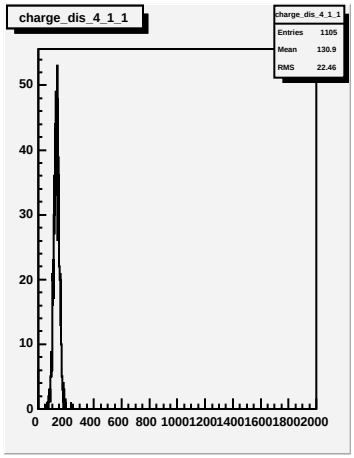

charge_dis_4_0_12
charge_dis_4_0_12
Entries 1105
Mean 200.2
RMS 27.59

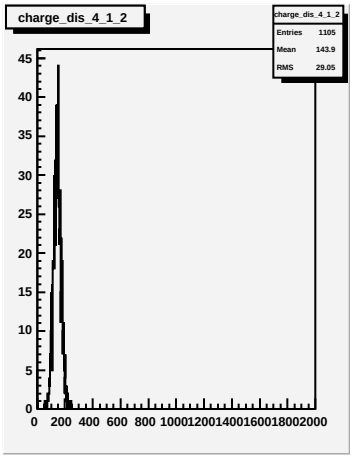

charge_dis_4_0_13
charge_dis_4_0_13
Entries 1105
Mean 215.6
RMS 33.62

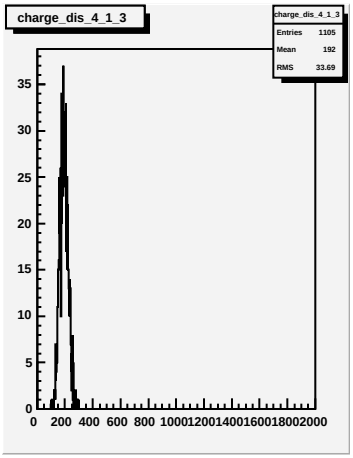

charge_dis_4_0_14
charge_dis_4_0_14
Entries 1105
Mean 114.9
RMS 25.11

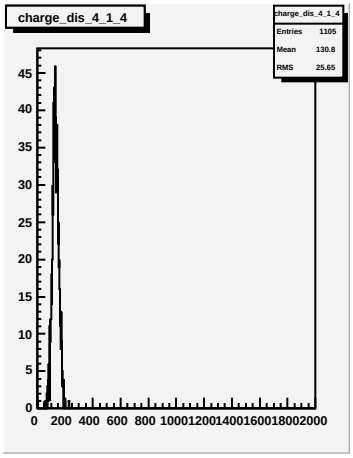

charge_dis_4_0_15
charge_dis_4_0_15
Entries 1105
Mean 168.7
RMS 20.75

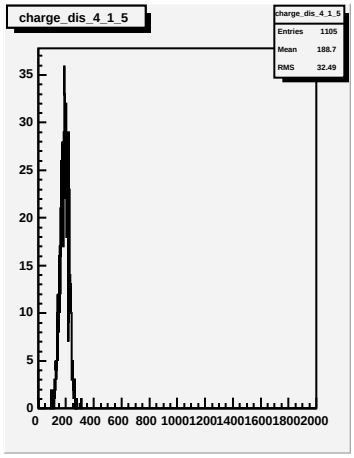

charge_dis_4_1_0
charge_dis_4_1_0
Entries 1105
Mean 131.1
RMS 24.39

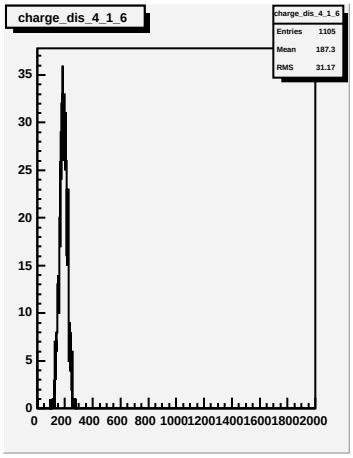

charge_dis_4_1_1
charge_dis_4_1_1
Entries 1105
Mean 130.9
RMS 22.46

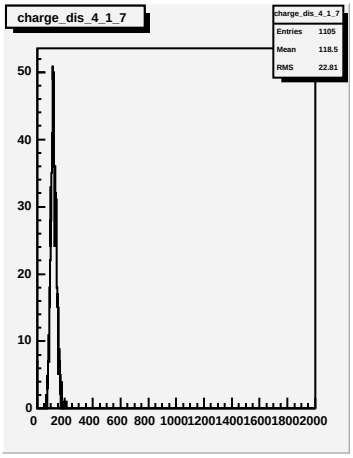

charge_dis_4_1_2
charge_dis_4_1_2
Entries 1105
Mean 143.9
RMS 29.05

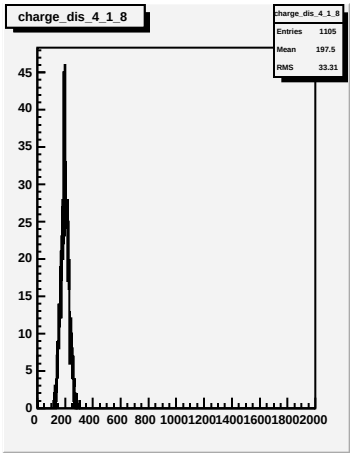

charge_dis_4_1_3
charge_dis_4_1_3
Entries 1105
Mean 192
RMS 33.69

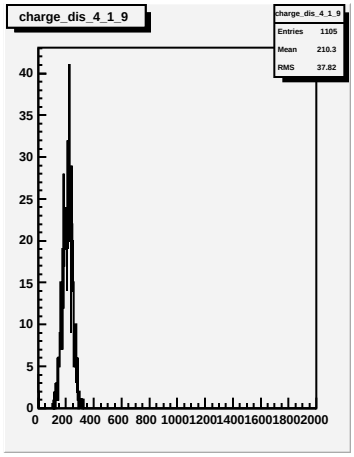

charge_dis_4_1_4
charge_dis_4_1_4
Entries 1105
Mean 130.8
RMS 25.65

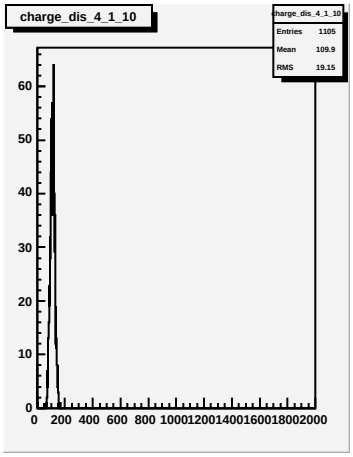

charge_dis_4_1_5
charge_dis_4_1_5
Entries 1105
Mean 188.7
RMS 32.49

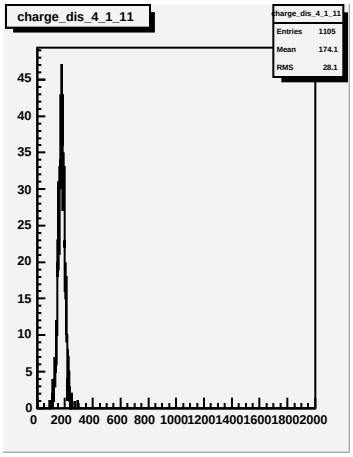

charge_dis_4_1_6
charge_dis_4_1_6
Entries 1105
Mean 187.3
RMS 31.17


charge_dis_4_1_7
charge_dis_4_1_7
Entries 1105
Mean 118.5
RMS 22.81


charge_dis_4_1_8
charge_dis_4_1_8
Entries 1105
Mean 197.5
RMS 33.31


charge_dis_4_1_9
charge_dis_4_1_9
Entries 1105
Mean 210.3
RMS 37.82


charge_dis_4_1_10
charge_dis_4_1_10
Entries 1105
Mean 109.9
RMS 19.15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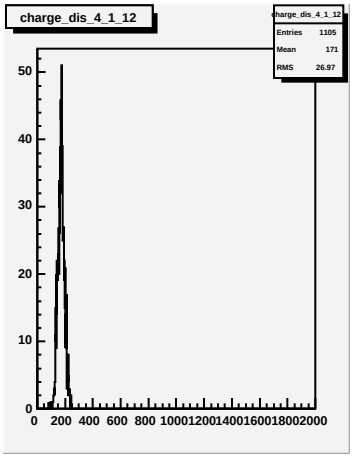
charge_dis_4_1_11
Entries 1105
Mean 174.1
RMS 28.1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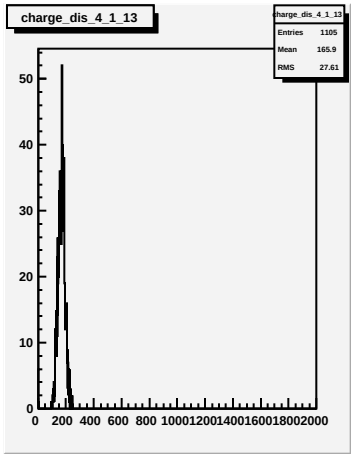
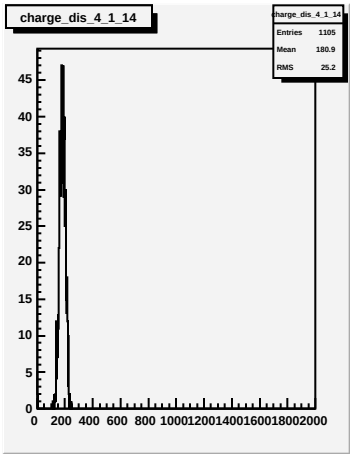
charge_dis_4_1_12
Entries 1105
Mean 171
RMS 26.97


charge_dis_4_1_13
charge_dis_4_1_13
Entries 1105
Mean 165.9
RMS 27.61


charge_dis_4_1_14
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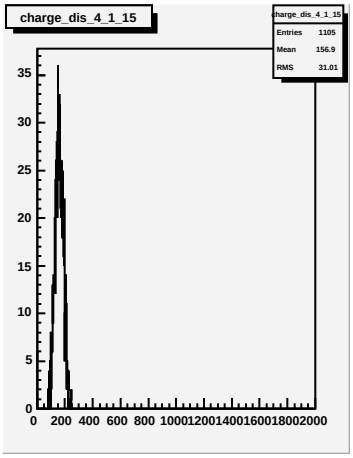
Entries 1105
Mean 180.9
RMS 25.2


charge_dis_4_1_15
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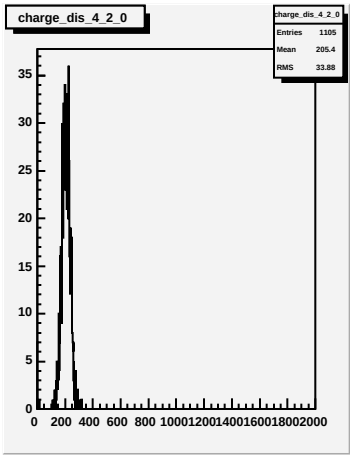
Entries 1105
Mean 156.9
RMS 31.01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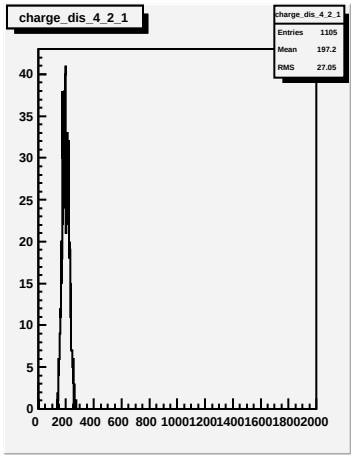
Entries 1105
Mean 205.4
RMS 33.88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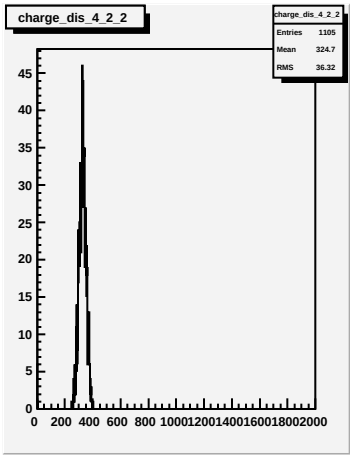
Entries 1105
Mean 197.2
RMS 27.05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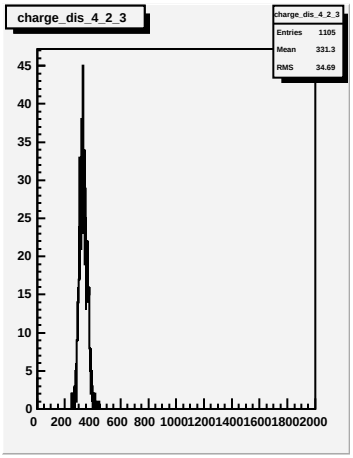
Entries 1105
Mean 324.7
RMS 36.32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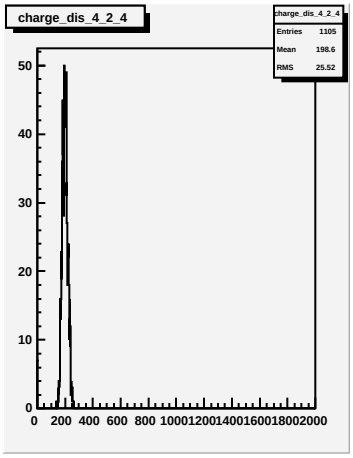
charge_dis_4_2_3
Entries 1105
Mean 331.3
RMS 34.69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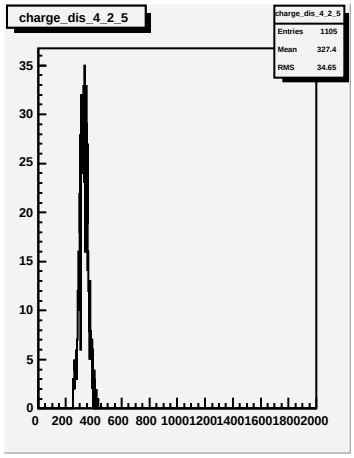
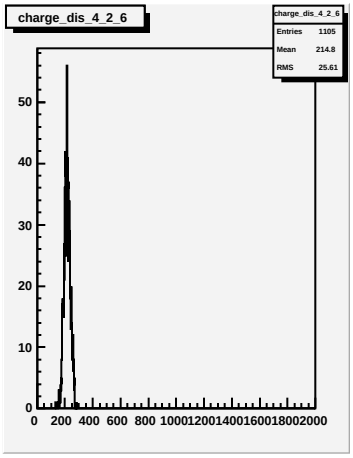
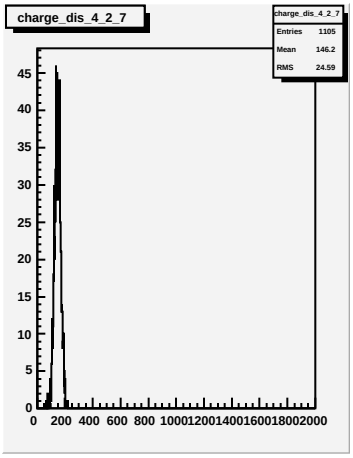
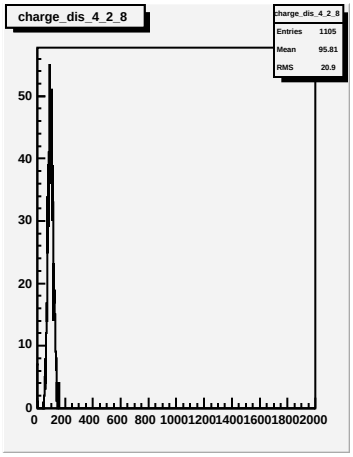
Entries 1105
Mean 198.6
RMS 25.52


charge_dis_4_2_5
charge_dis_4_2_5
Entries 1105
Mean 327.4
RMS 34.65


charge_dis_4_2_6
charge_dis_4_2_6
Entries 1105
Mean 214.8
RMS 25.61


charge_dis_4_2_7
charge_dis_4_2_7
Entries 1105
Mean 146.2
RMS 24.59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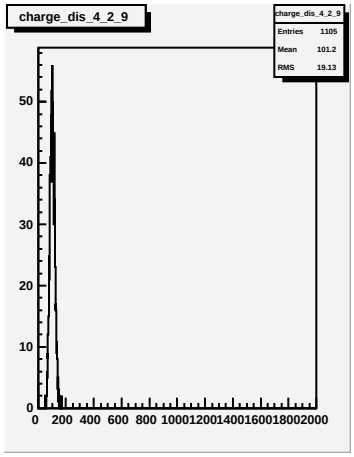
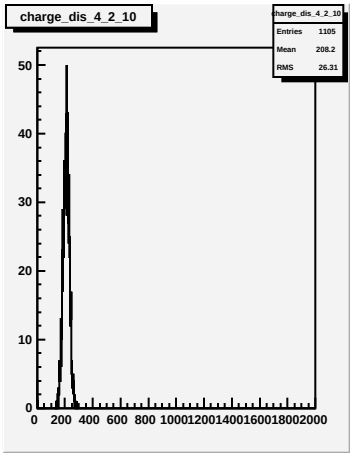
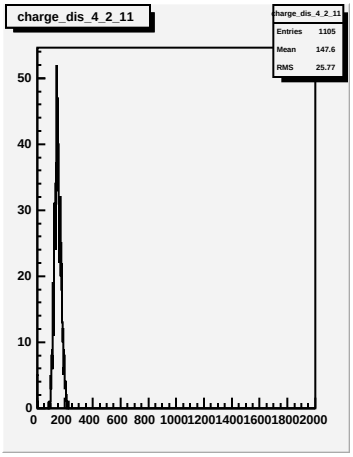
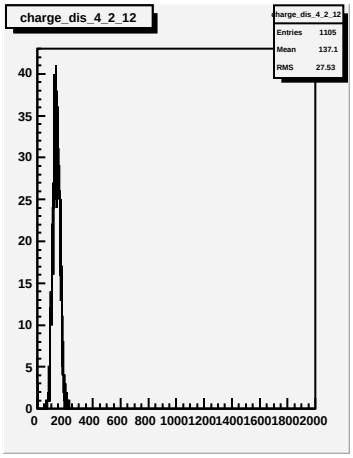
charge_dis_4_2_8
Entries 1105
Mean 95.81
RMS 20.9


charge_dis_4_2_9
charge_dis_4_2_9
Entries 1105
Mean 101.2
RMS 19.13


charge_dis_4_2_10
charge_dis_4_2_10
Entries 1105
Mean 208.2
RMS 26.31


charge_dis_4_2_11
charge_dis_4_2_11
Entries 1105
Mean 147.6
RMS 25.77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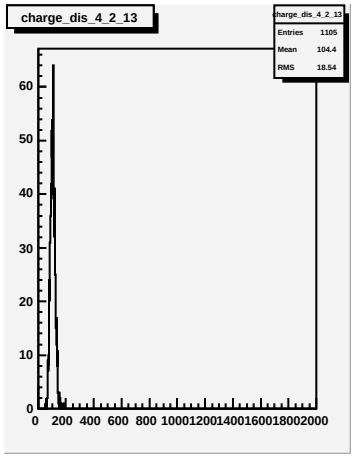
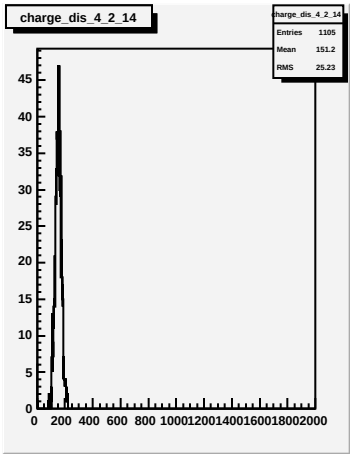
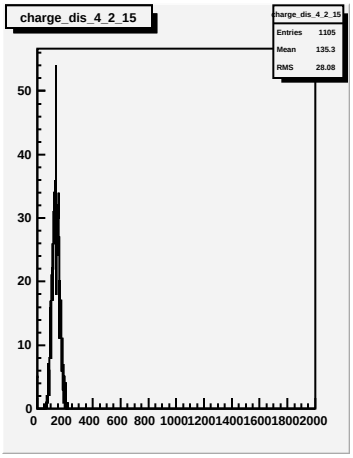
charge_dis_4_2_12
Entries 1105
Mean 137.1
RMS 27.53


charge_dis_4_2_13
charge_dis_4_2_13
Entries 1105
Mean 104.4
RMS 18.54


charge_dis_4_2_14
charge_dis_4_2_14
Entries 1105
Mean 151.2
RMS 25.23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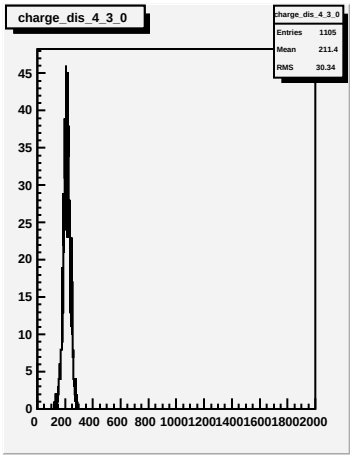
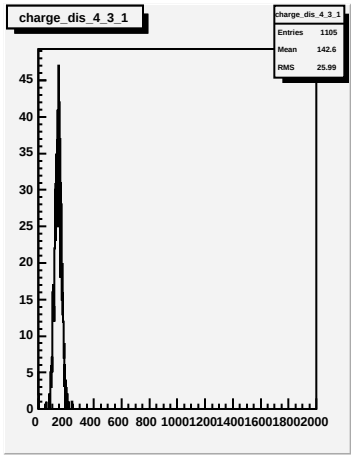
charge_dis_4_2_15
Entries 1105
Mean 135.3
RMS 28.08


charge_dis_4_3_0
charge_dis_4_3_0
Entries 1105
Mean 211.4
RMS 30.34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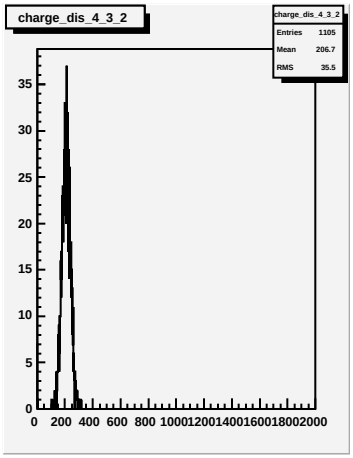
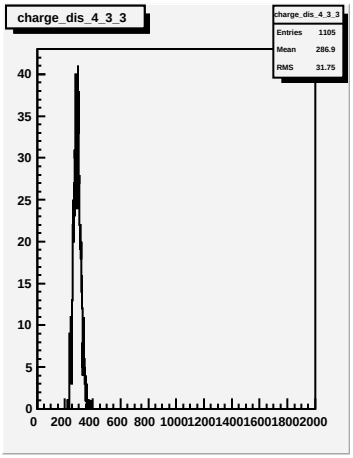
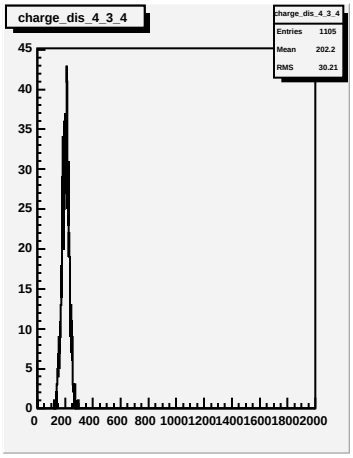
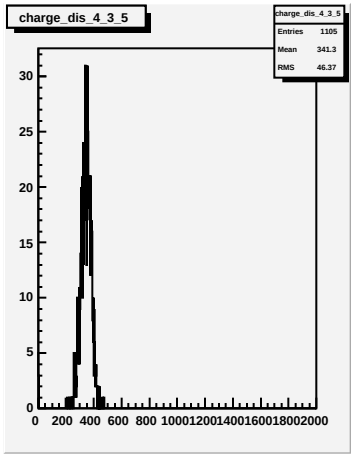
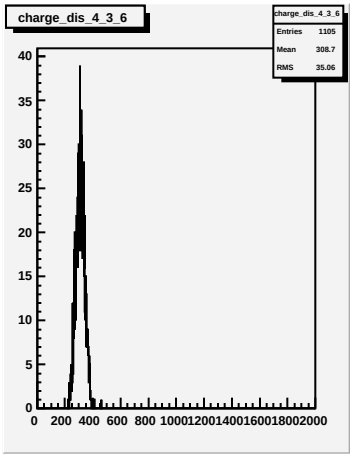
charge_dis_4_3_1
Entries 1105
Mean 142.6
RMS 25.99

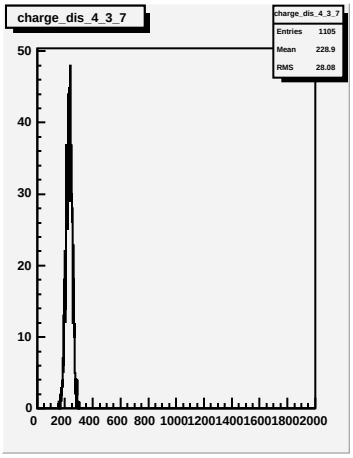

charge_dis_4_3_2
charge_dis_4_3_2
Entries 1105
Mean 206.7
RMS 35.5

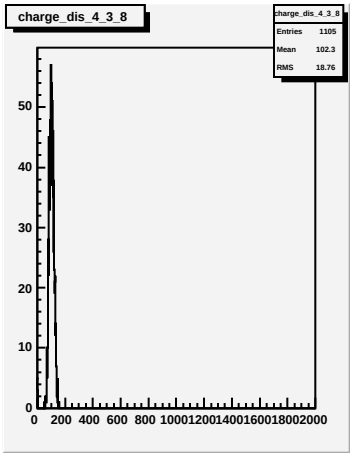

charge_dis_4_3_3
charge_dis_4_3_3
Entries 1105
Mean 286.9
RMS 31.75

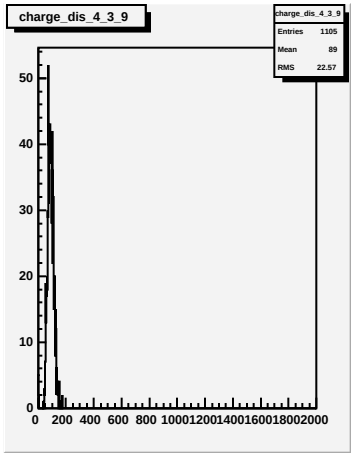

charge_dis_4_3_4
charge_dis_4_3_4
Entries 1105
Mean 202.2
RMS 30.21

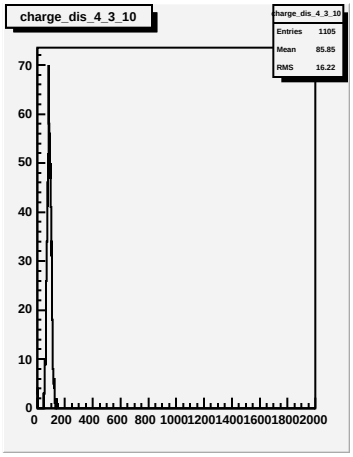

charge_dis_4_3_5
charge_dis_4_3_5
Entries 1105
Mean 341.3
RMS 46.37

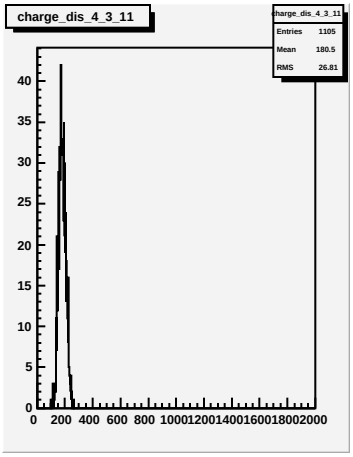

charge_dis_4_3_6
charge_dis_4_3_6
Entries 1105
Mean 308.7
RMS 35.06

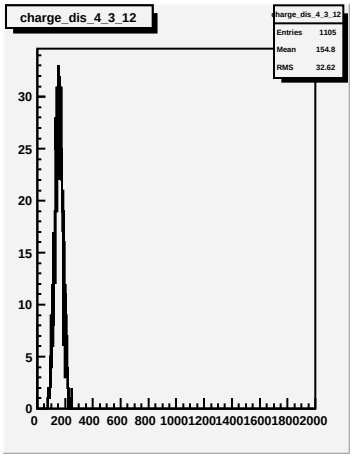

charge_dis_4_3_7
charge_dis_4_3_7
Entries 1105
Mean 228.9
RMS 28.08


charge_dis_4_3_8
charge_dis_4_3_8
Entries 1105
Mean 102.3
RMS 18.76


charge_dis_4_3_9
charge_dis_4_3_9
Entries 1105
Mean 89
RMS 22.57


charge_dis_4_3_10
charge_dis_4_3_10
Entries 1105
Mean 85.85
RMS 16.22


charge_dis_4_3_11
charge_dis_4_3_11
Entries 1105
Mean 180.5
RMS 26.81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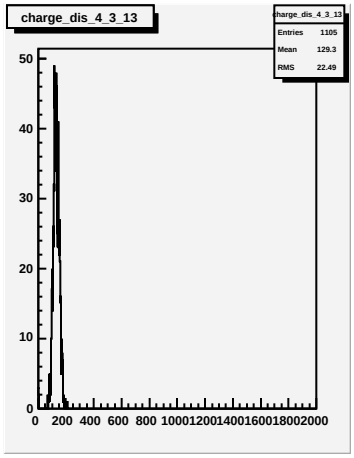
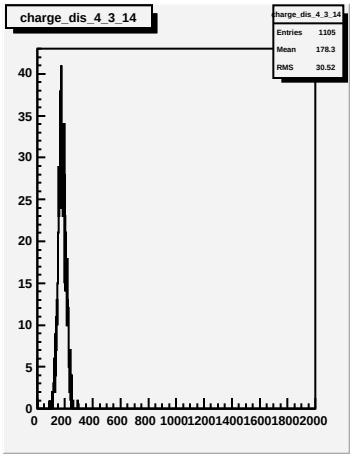
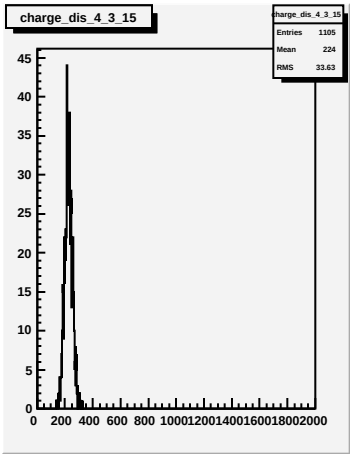
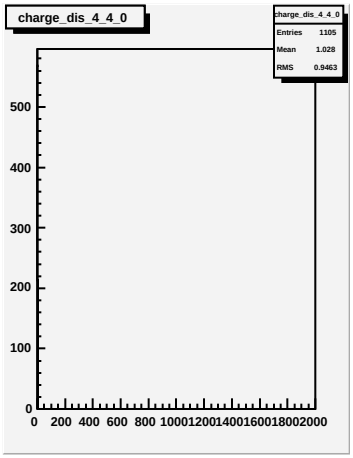
charge_dis_4_3_12
Entries 1105
Mean 154.8
RMS 32.62


charge_dis_4_3_13
charge_dis_4_3_13
Entries 1105
Mean 129.3
RMS 22.49


charge_dis_4_3_14
charge_dis_4_3_14
Entries 1105
Mean 178.3
RMS 30.52


charge_dis_4_3_15
charge_dis_4_3_15
Entries 1105
Mean 224
RMS 33.63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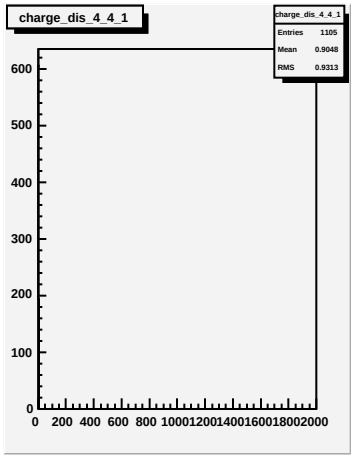
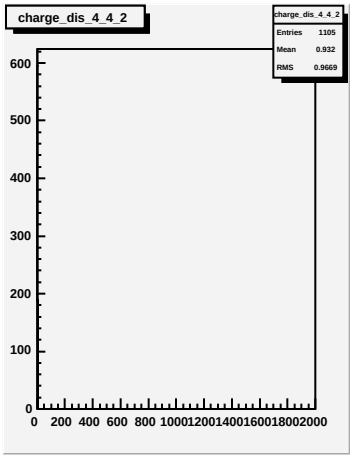
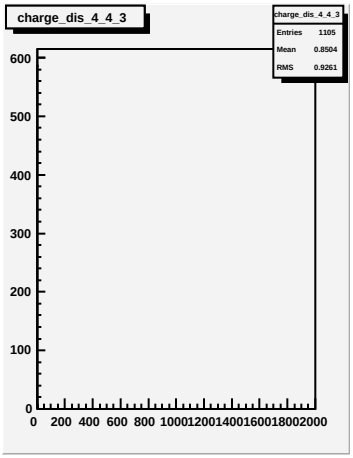
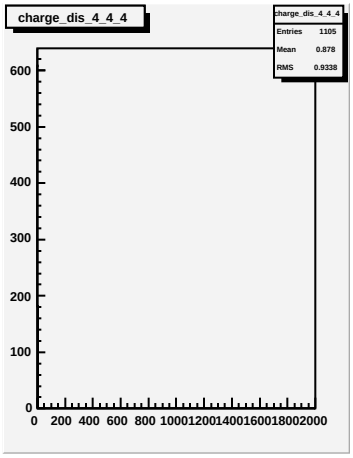
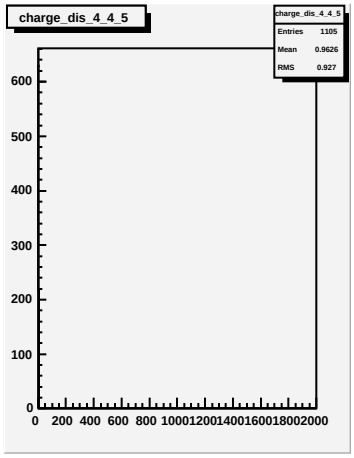
charge_dis_4_4_0
Entries 1105
Mean 1.028
RMS 0.9463

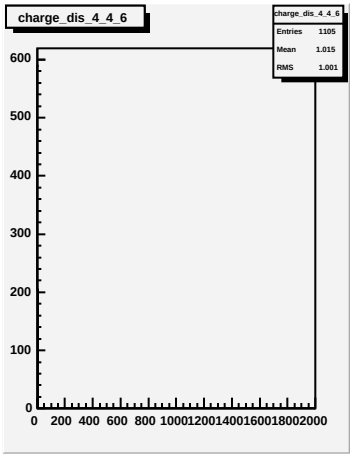

charge_dis_4_4_1
charge_dis_4_4_1
Entries 1105
Mean 0.9048
RMS 0.9313

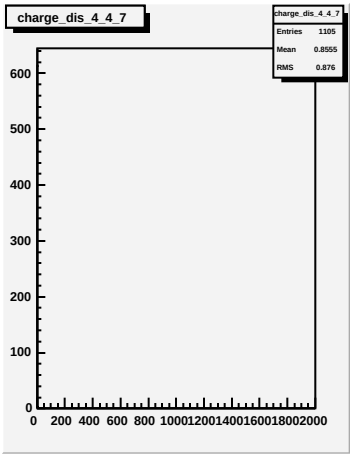

charge_dis_4_4_2
charge_dis_4_4_2
Entries 1105
Mean 0.932
RMS 0.9669

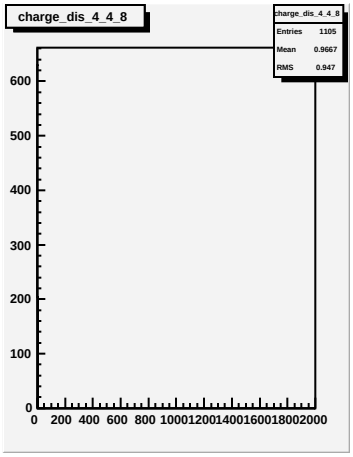

charge_dis_4_4_3
charge_dis_4_4_3
Entries 1105
Mean 0.8504
RMS 0.9261


charge_dis_4_4_4
charge_dis_4_4_4
Entries 1105
Mean 0.878
RMS 0.9338


charge_dis_4_4_5
charge_dis_4_4_5
Entries 1105
Mean 0.9626
RMS 0.927


charge_dis_4_4_6
charge_dis_4_4_6
Entries 1105
Mean 1.015
RMS 1.001


charge_dis_4_4_7
charge_dis_4_4_7
Entries 1105
Mean 0.8555
RMS 0.876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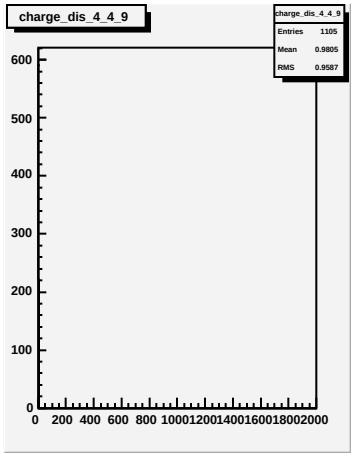
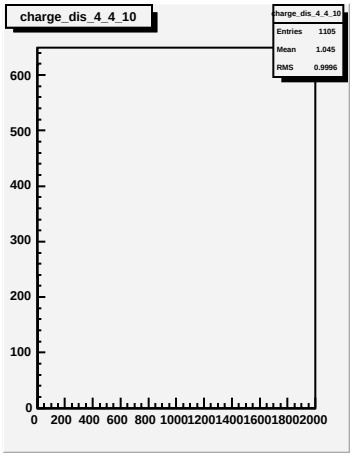
charge_dis_4_4_8
Entries 1105
Mean 0.9667
RMS 0.947


charge_dis_4_4_9
charge_dis_4_4_9
Entries 1105
Mean 0.9805
RMS 0.9587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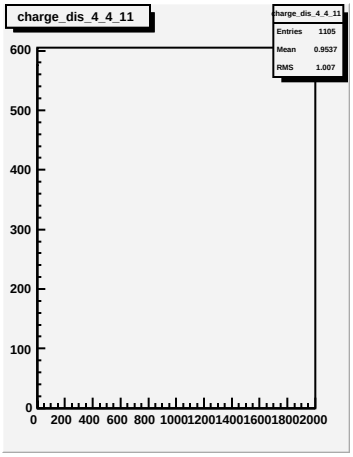
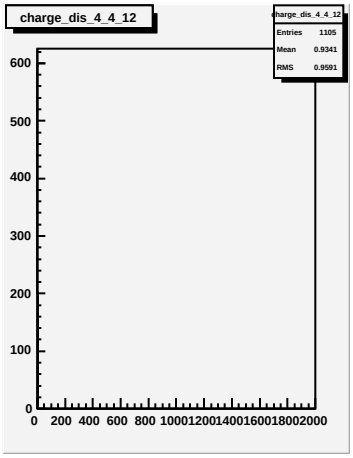
charge_dis_4_4_10
Entries 1105
Mean 1.045
RMS 0.9996


charge_dis_4_4_11
charge_dis_4_4_11
Entries 1105
Mean 0.9537
RMS 1.007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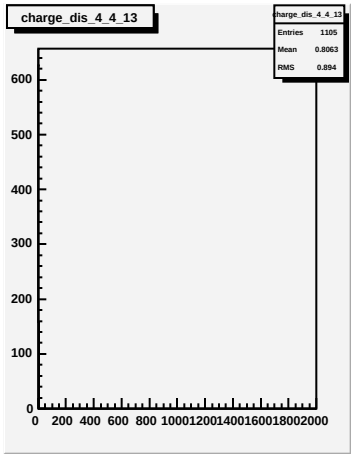
charge_dis_4_4_12
Entries 1105
Mean 0.9341
RMS 0.9591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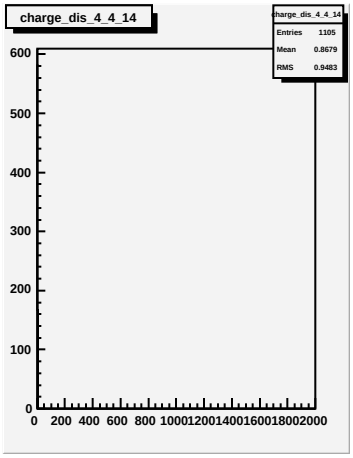
charge_dis_4_4_13
Entries 1105
Mean 0.8063
RMS 0.894


charge_dis_4_4_14
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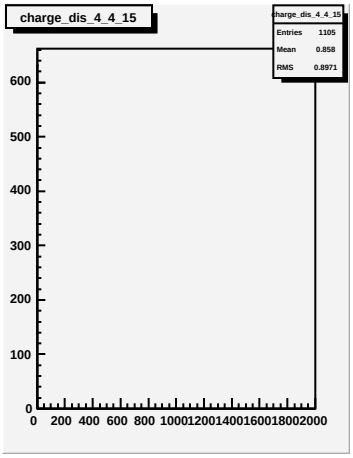
Mean 0.8679
RMS 0.9483


charge_dis_4_4_15
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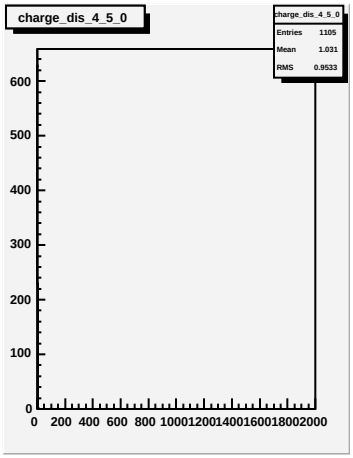
Entries 1105
Mean 0.858
RMS 0.8971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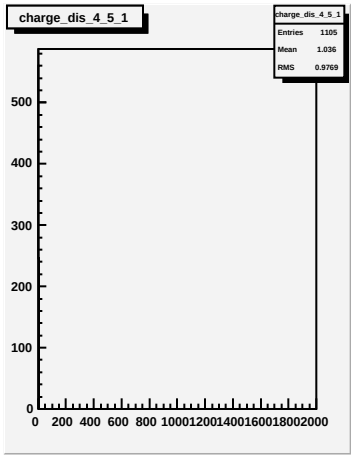
charge_dis_4_5_0
Entries 1105
Mean 1.031
RMS 0.9533


charge_dis_4_5_1
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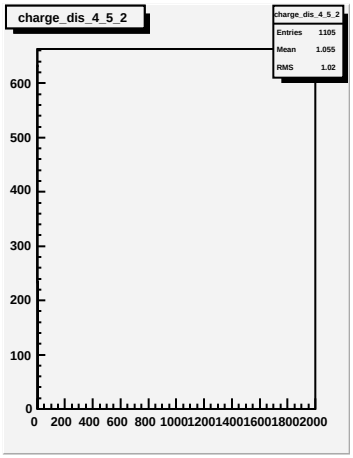
Entries 1105
Mean 1.036
RMS 0.9769


charge_dis_4_5_2
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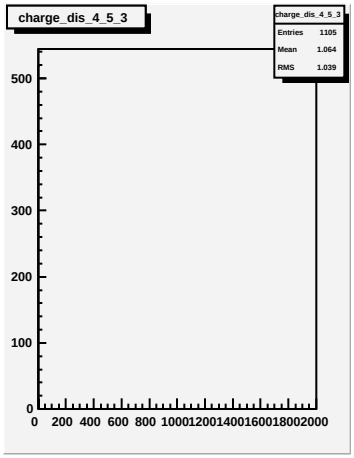
Entries 1105
Mean 1.055
RMS 1.02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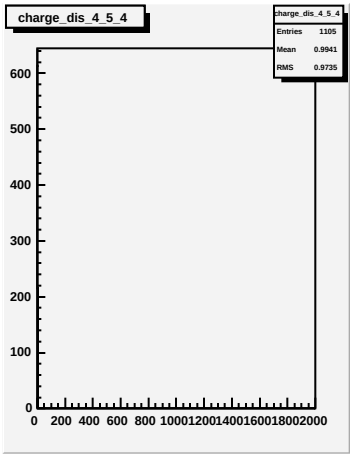
charge_dis_4_5_3
Entries 1105
Mean 1.064
RMS 1.039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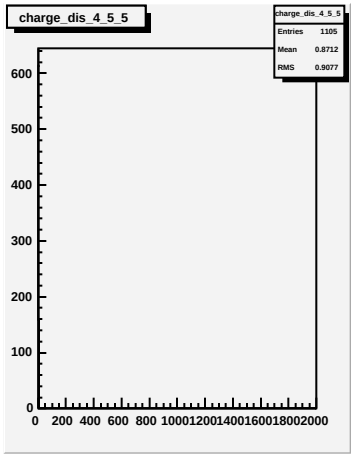
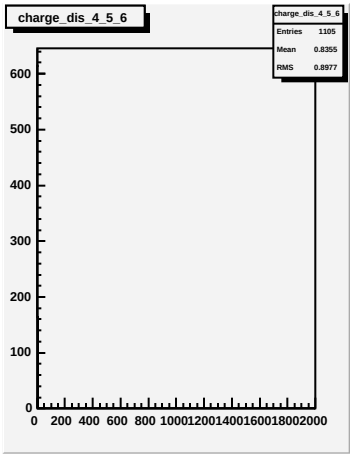
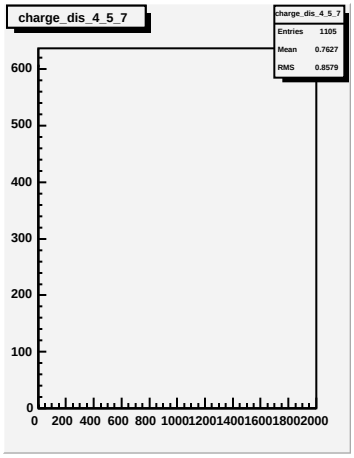
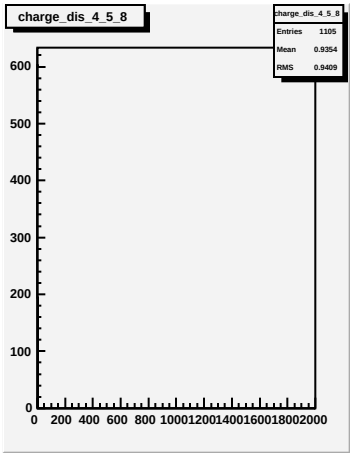
charge_dis_4_5_4
Entries 1105
Mean 0.9941
RMS 0.9735


charge_dis_4_5_5
charge_dis_4_5_5
Entries 1105
Mean 0.8712
RMS 0.9077


charge_dis_4_5_6
charge_dis_4_5_6
Entries 1105
Mean 0.8355
RMS 0.8977


charge_dis_4_5_7
charge_dis_4_5_7
Entries 1105
Mean 0.7627
RMS 0.8579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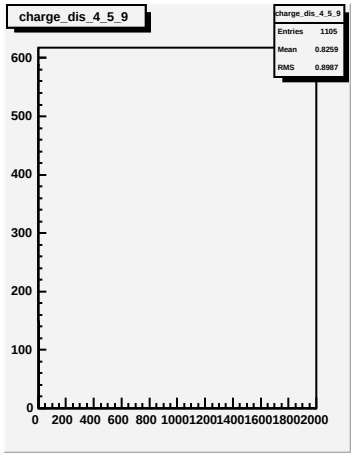
charge_dis_4_5_8
Entries 1105
Mean 0.9354
RMS 0.9409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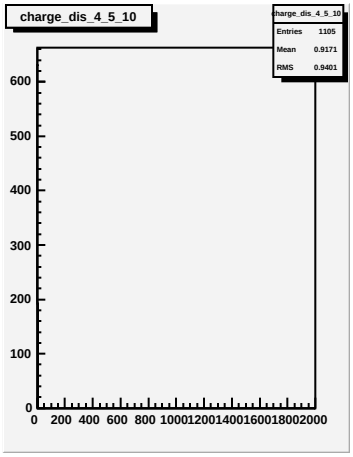
charge_dis_4_5_9
Entries 1105
Mean 0.8259
RMS 0.8987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charge_dis_4_5_10
Entries 1105
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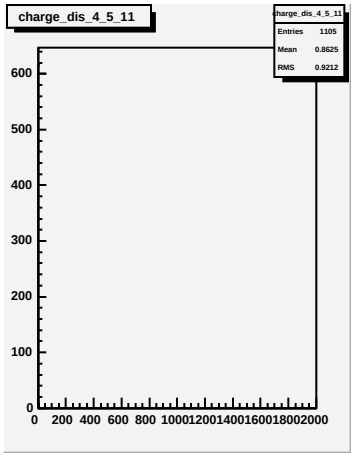
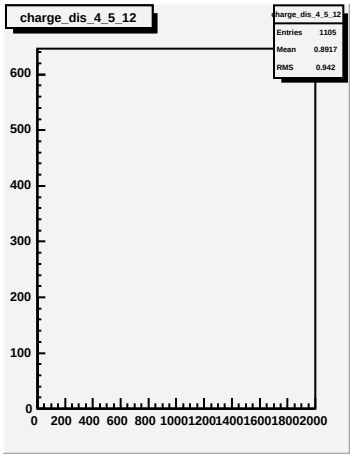
RMS 0.9401


charge_dis_4_5_11
charge_dis_4_5_11
Entries 1105
Mean 0.8625
RMS 0.9212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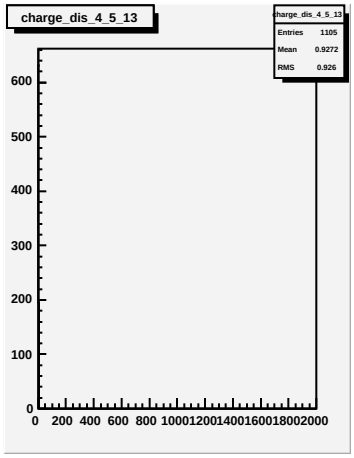
Mean 0.8917
RMS 0.942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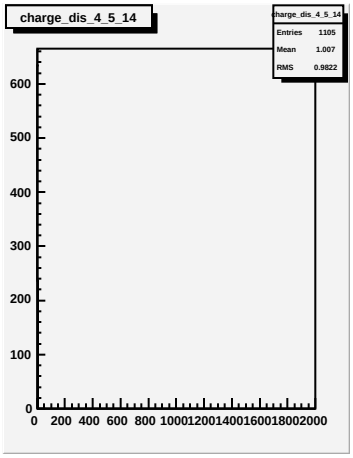
Entries 1105
Mean 0.9272
RMS 0.926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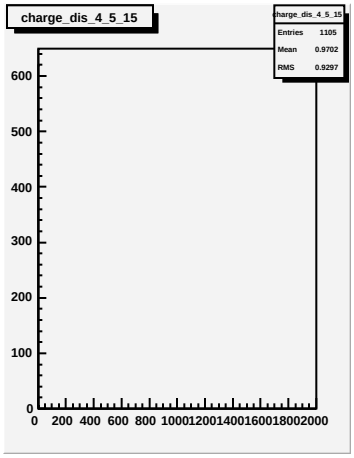
Entries 1105
Mean 1.007
RMS 0.9822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Entries 1105
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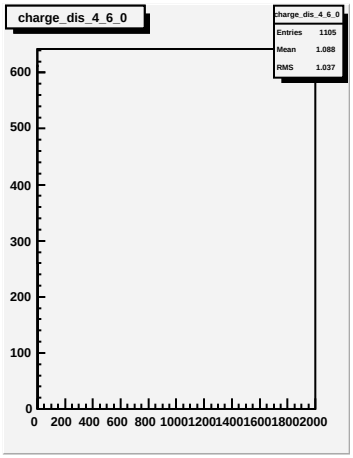
RMS 0.9297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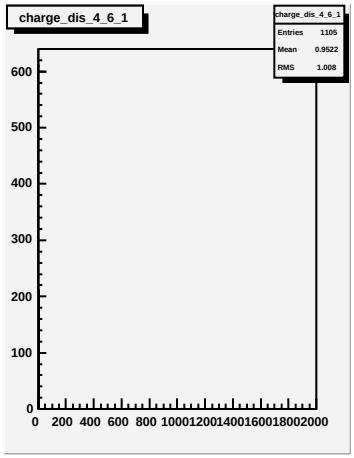
Entries 1105
Mean 1.088
RMS 1.037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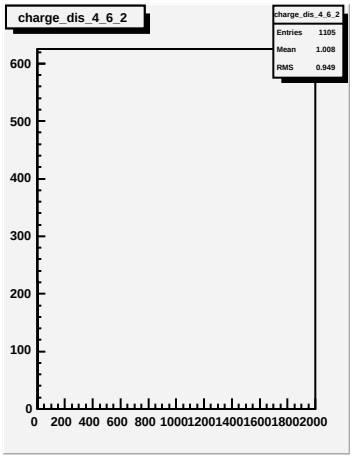
Entries 1105
Mean 0.9522
RMS 1.008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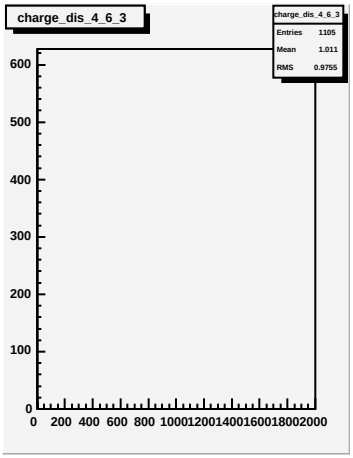
Entries 1105
Mean 1.008
RMS 0.949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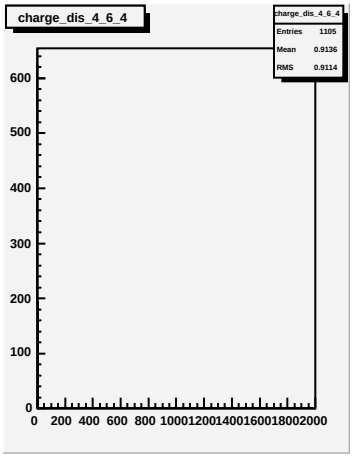
Entries 1105
Mean 1.011
RMS 0.9755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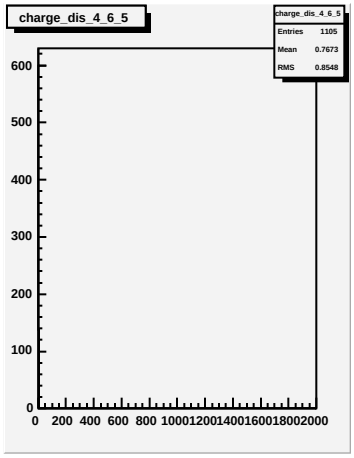
charge_dis_4_6_4
Entries 1105
Mean 0.9136
RMS 0.9114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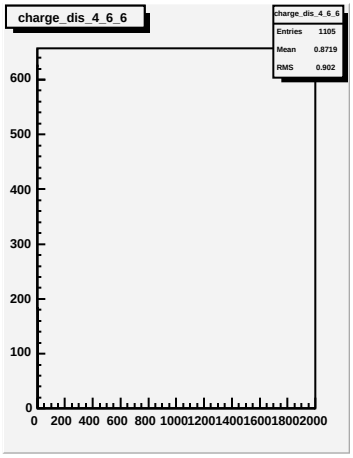
Mean 0.7673
RMS 0.8548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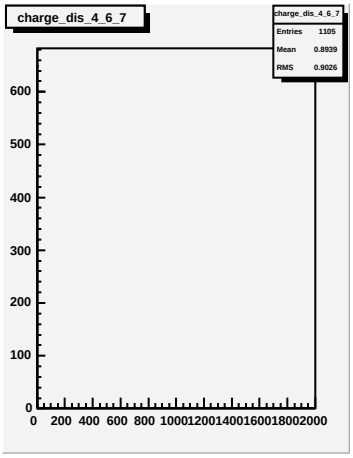
Entries 1105
Mean 0.8719
RMS 0.902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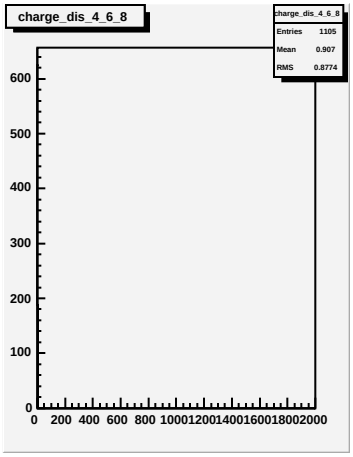
charge_dis_4_6_7
Entries 1105
Mean 0.8939
RMS 0.9026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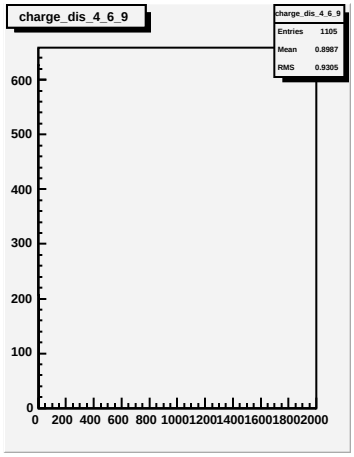
charge_dis_4_6_8
Entries 1105
Mean 0.907
RMS 0.8774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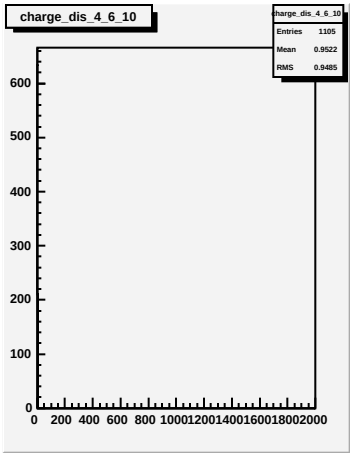
charge_dis_4_6_9
Entries 1105
Mean 0.8987
RMS 0.9305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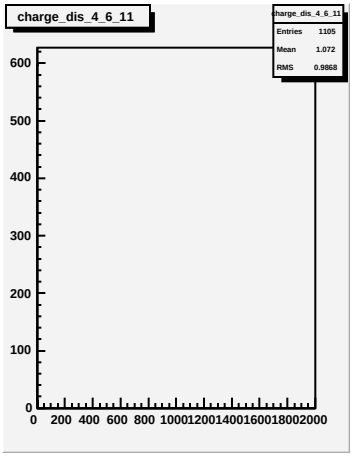
charge_dis_4_6_10
Entries 1105
Mean 0.9522
RMS 0.9485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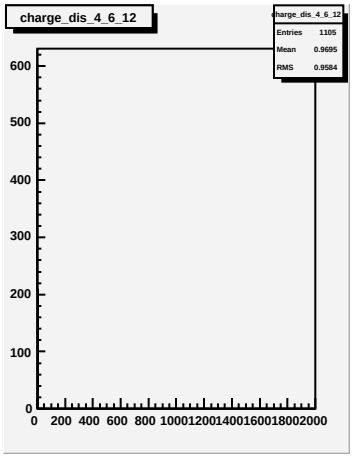
RMS 0.9868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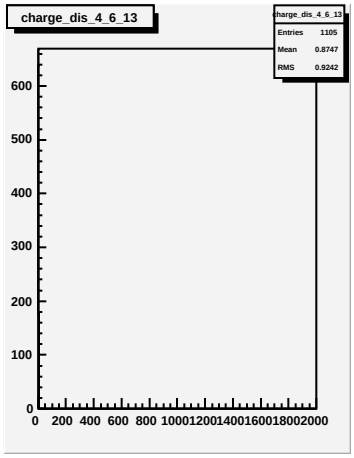
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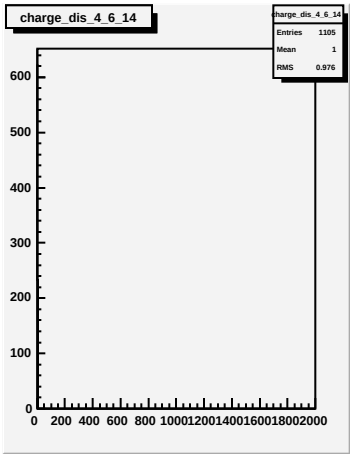
RMS 0.9242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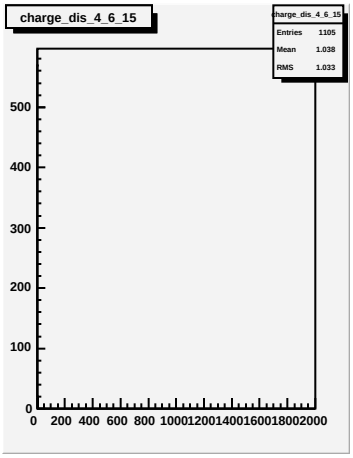
Entries 1105
Mean 1
RMS 0.976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Entries 1105
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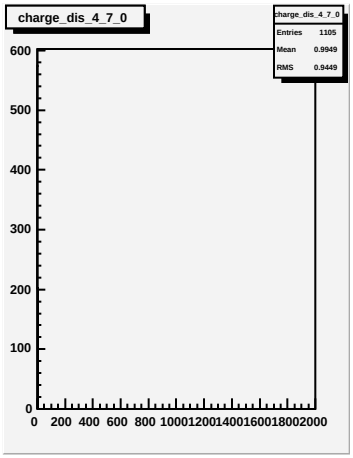
RMS 1.033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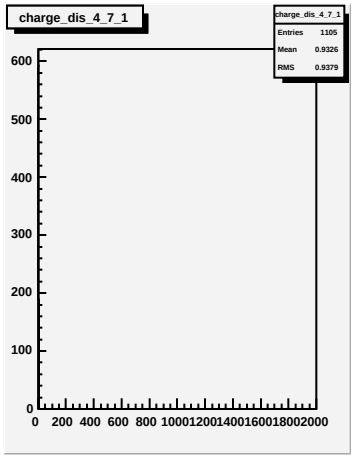
RMS 0.9449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Entries 1105
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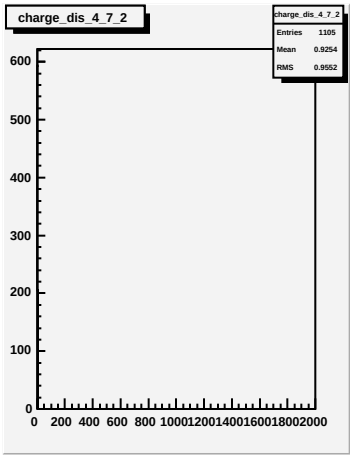
RMS 0.9379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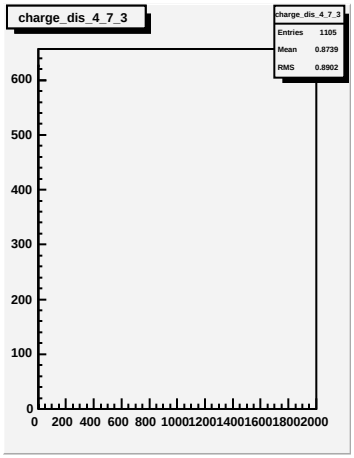
charge_dis_4_7_2
Entries 1105
Mean 0.9254
RMS 0.9552


charge_dis_4_7_3
charge_dis_4_7_3
Entries 1105
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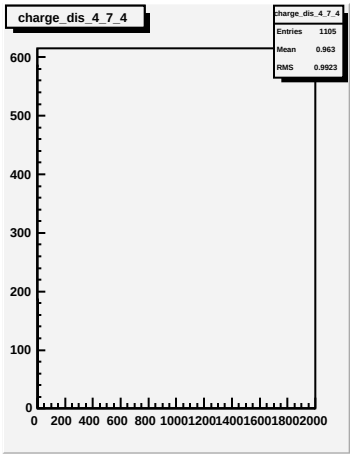
RMS 0.8902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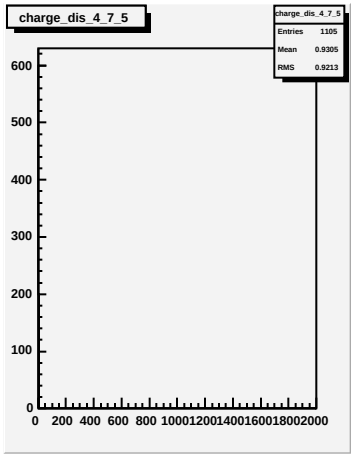
Mean 0.963
RMS 0.9923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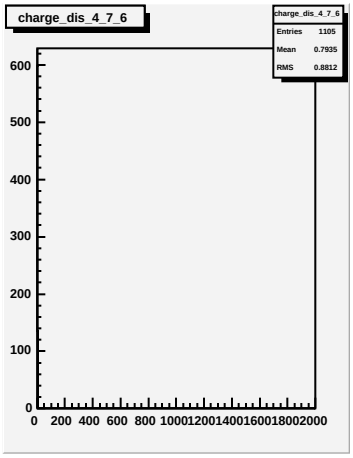
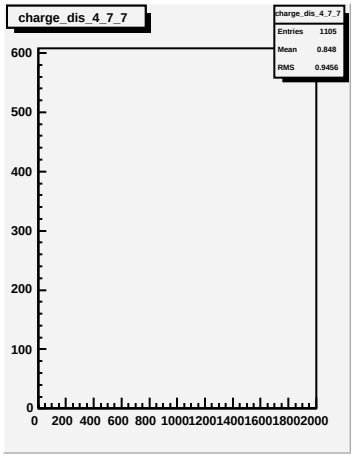
charge_dis_4_7_5
Entries 1105
Mean 0.9305
RMS 0.9213


charge_dis_4_7_6
charge_dis_4_7_6
Entries 1105
Mean 0.7935
RMS 0.8812


charge_dis_4_7_7
charge_dis_4_7_7
Entries 1105
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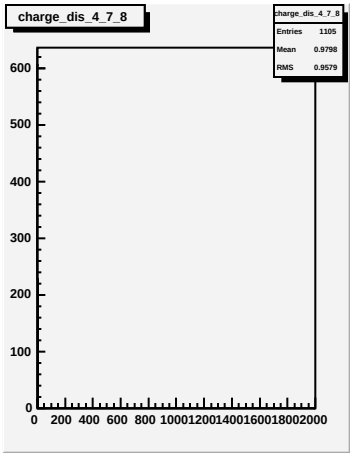
RMS 0.9456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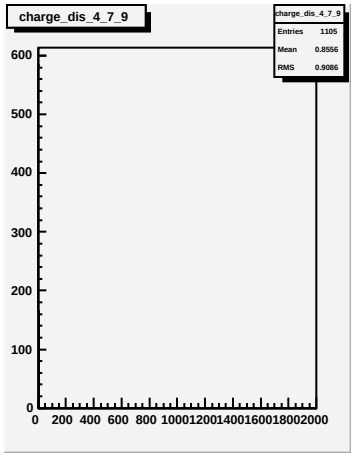
charge_dis_4_7_8
Entries 1105
Mean 0.9798
RMS 0.9579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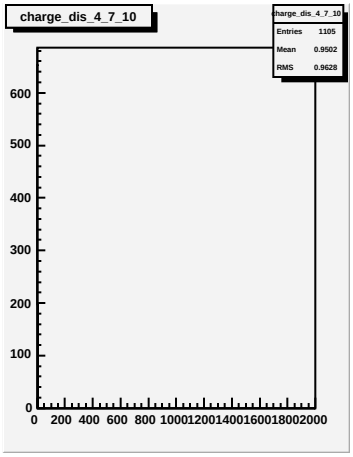
charge_dis_4_7_9
Entries 1105
Mean 0.8556
RMS 0.9086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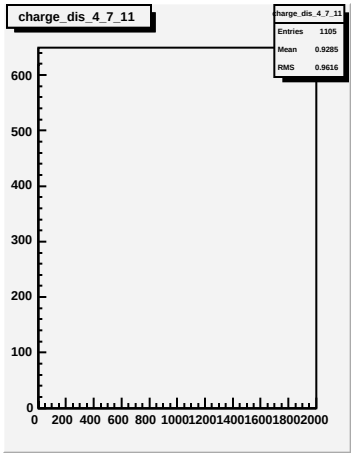
Entries 1105
Mean 0.9502
RMS 0.9628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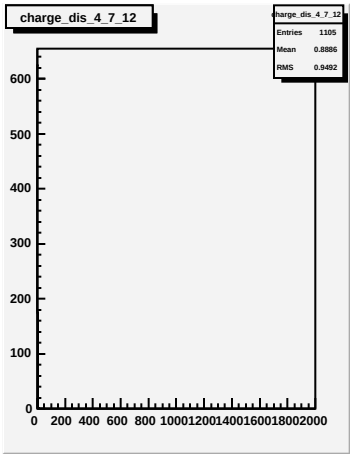
Entries 1105
Mean 0.9285
RMS 0.9616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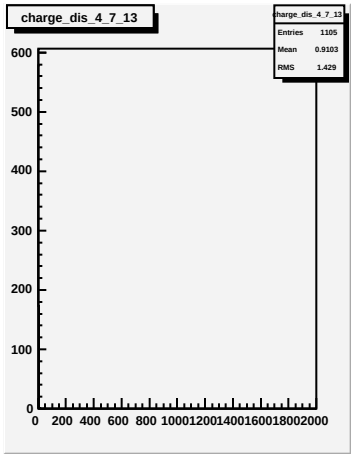
Entries 1105
Mean 0.8886
RMS 0.9492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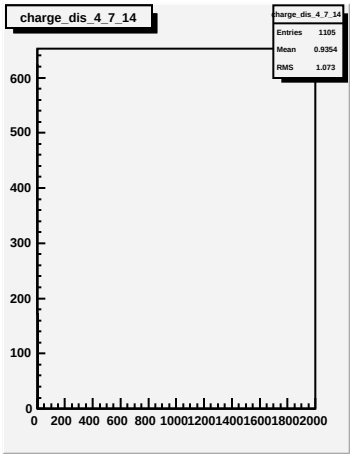
Entries 1105
Mean 0.9103
RMS 1.429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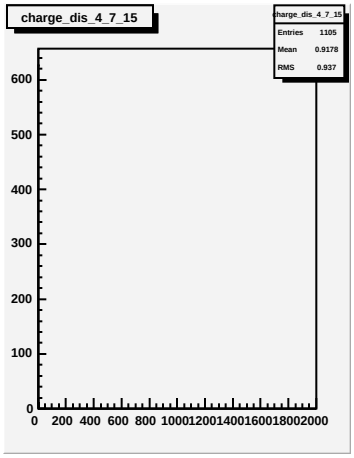
Entries 1105
Mean 0.9354
RMS 1.073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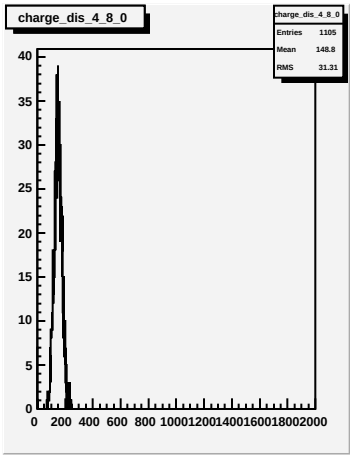
Entries 1105
Mean 0.9178
RMS 0.937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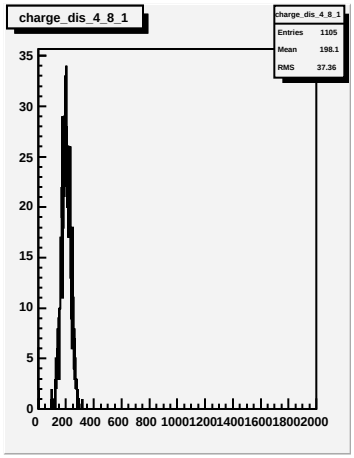
Entries 1105
Mean 148.8
RMS 31.31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Entries 1105
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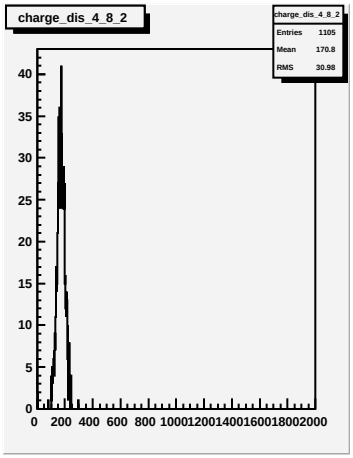
RMS 37.36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Entries 1105
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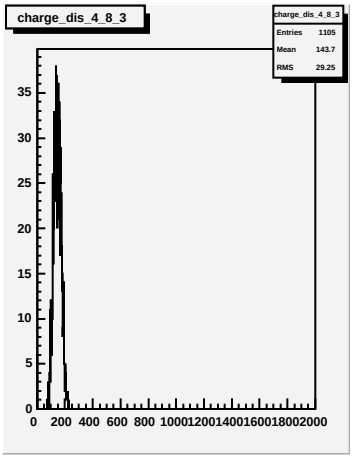
RMS 30.98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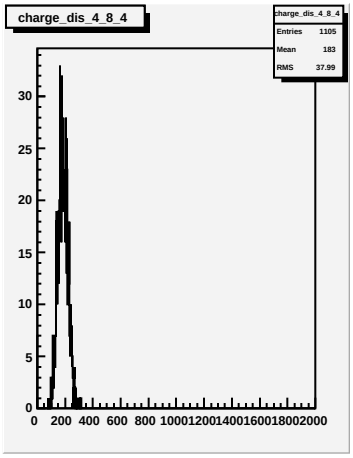
Entries 1105
Mean 143.7
RMS 29.25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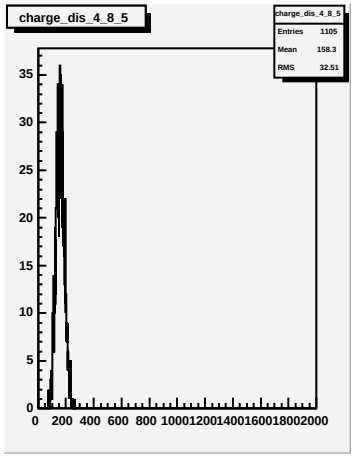
charge_dis_4_8_4
Entries 1105
Mean 183
RMS 37.99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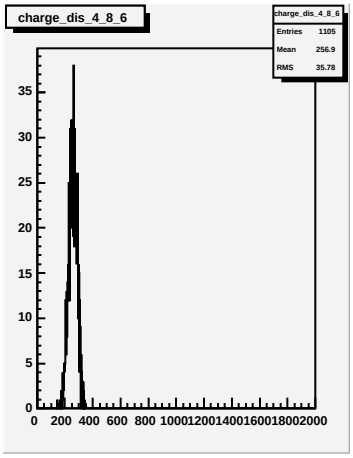
Entries 1105
Mean 158.3
RMS 32.51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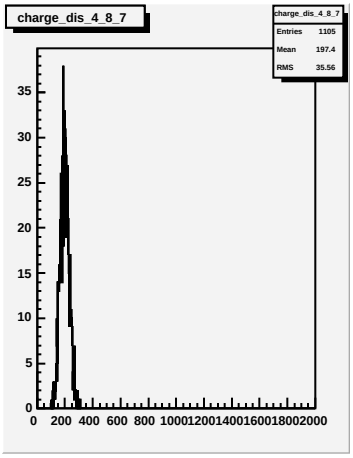
charge_dis_4_8_6
Entries 1105
Mean 256.9
RMS 35.78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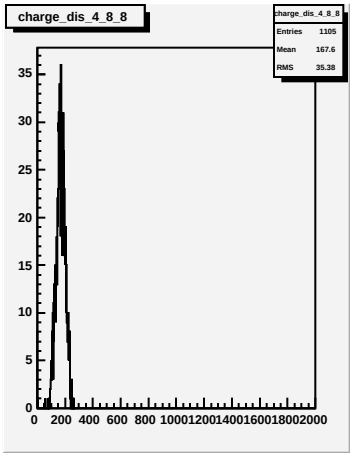
charge_dis_4_8_7
Entries 1105
Mean 197.4
RMS 35.56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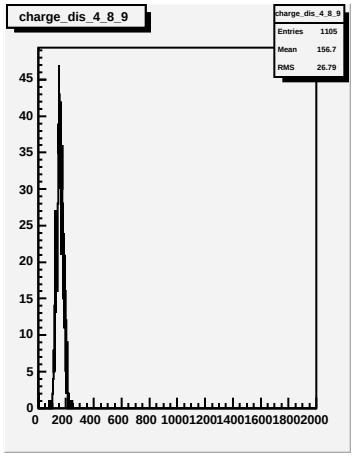
Entries 1105
Mean 167.6
RMS 35.38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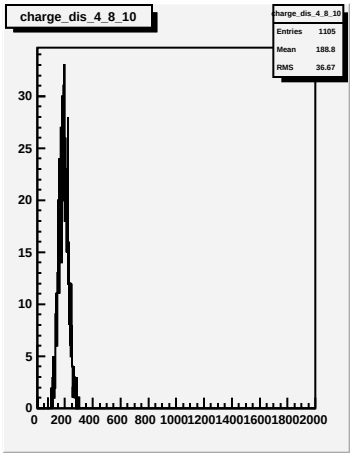
charge_dis_4_8_9
Entries 1105
Mean 156.7
RMS 26.79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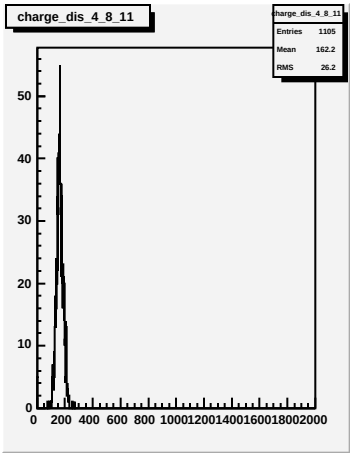
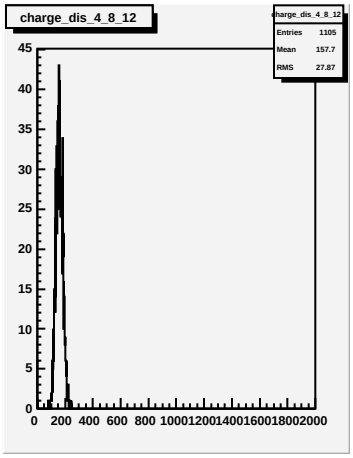
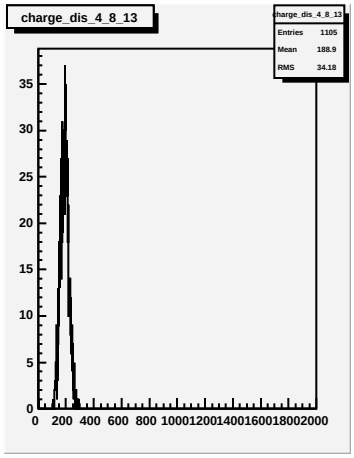
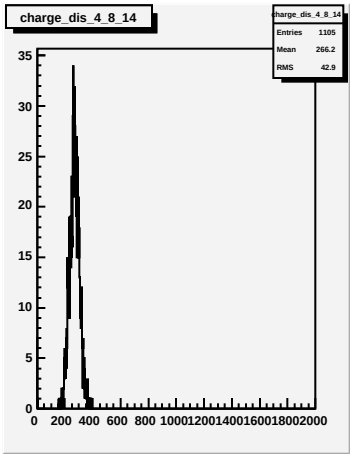
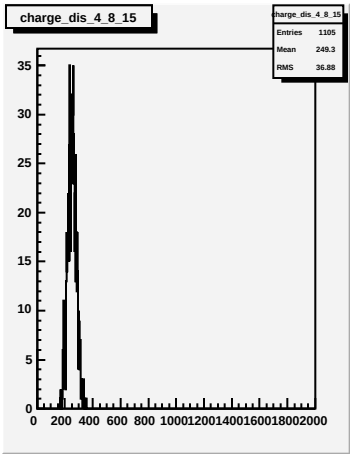
Entries 1105
Mean 188.8
RMS 36.67


charge_dis_4_8_11
charge_dis_4_8_11
Entries 1105
Mean 162.2
RMS 26.2


charge_dis_4_8_12
charge_dis_4_8_12
Entries 1105
Mean 157.7
RMS 27.87


charge_dis_4_8_13
charge_dis_4_8_13
Entries 1105
Mean 188.9
RMS 34.18


charge_dis_4_8_14
charge_dis_4_8_14
Entries 1105
Mean 266.2
RMS 42.9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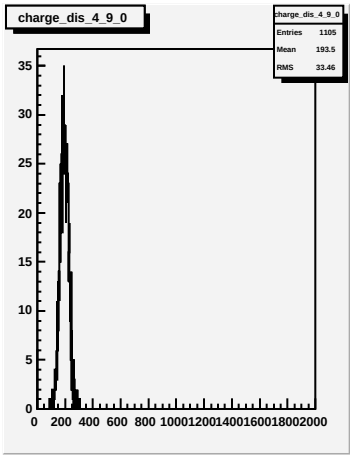
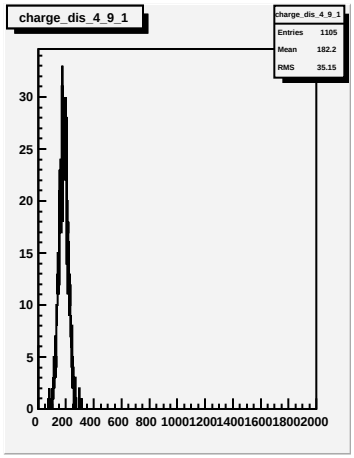
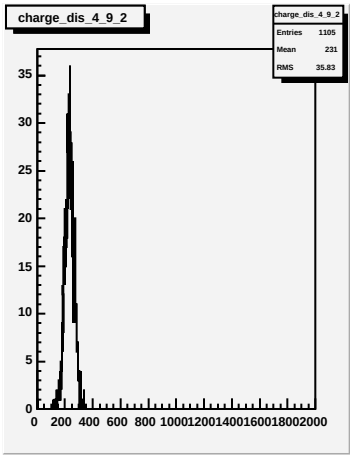
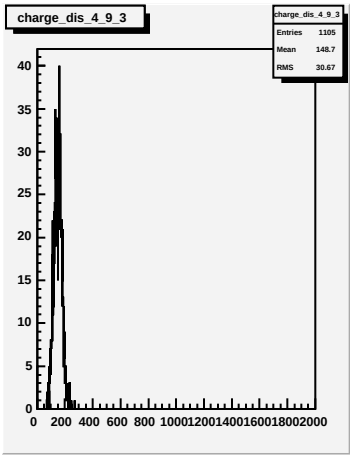
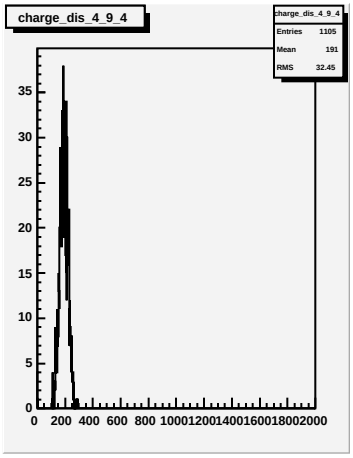
charge_dis_4_8_15
Entries 1105
Mean 249.3
RMS 36.88

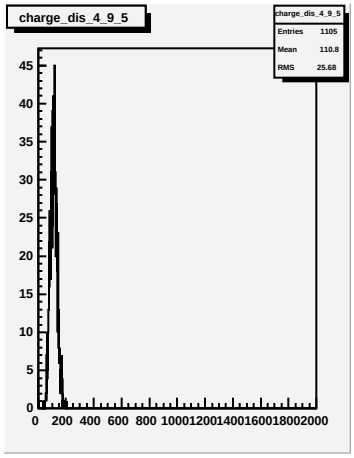

charge_dis_4_9_0
charge_dis_4_9_0
Entries 1105
Mean 193.5
RMS 33.46

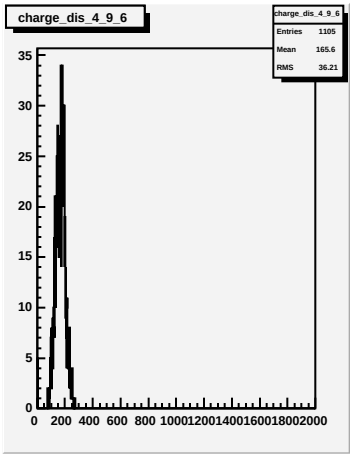

charge_dis_4_9_1
charge_dis_4_9_1
Entries 1105
Mean 182.2
RMS 35.15

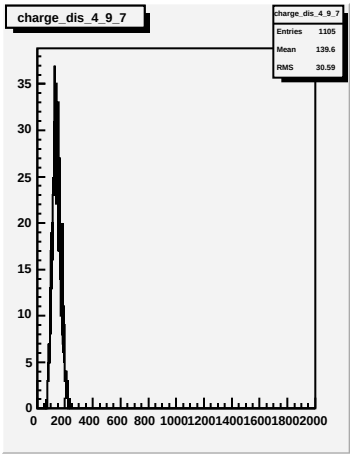

charge_dis_4_9_2
charge_dis_4_9_2
Entries 1105
Mean 231
RMS 35.83

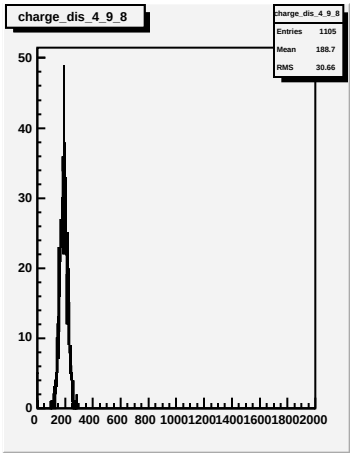

charge_dis_4_9_3
charge_dis_4_9_3
Entries 1105
Mean 148.7
RMS 30.67

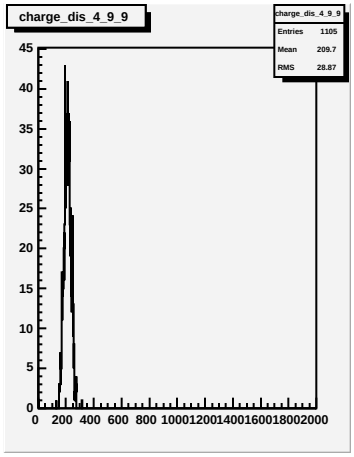

charge_dis_4_9_4
charge_dis_4_9_4
Entries 1105
Mean 191
RMS 32.45

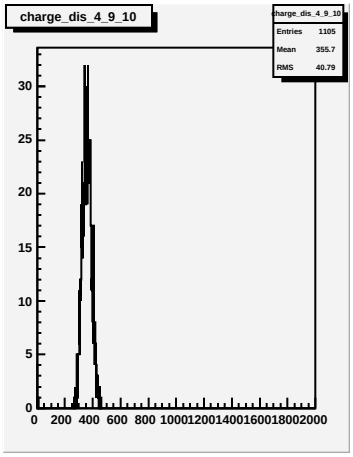

charge_dis_4_9_5
charge_dis_4_9_5
Entries 1105
Mean 110.8
RMS 25.68

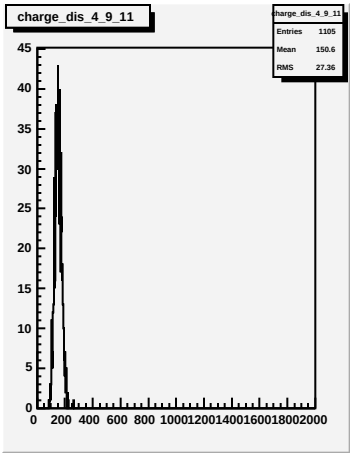

charge_dis_4_9_6
charge_dis_4_9_6
Entries 1105
Mean 165.6
RMS 36.21

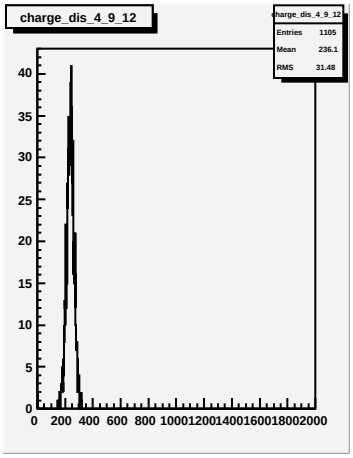

charge_dis_4_9_7
charge_dis_4_9_7
Entries 1105
Mean 139.6
RMS 30.59

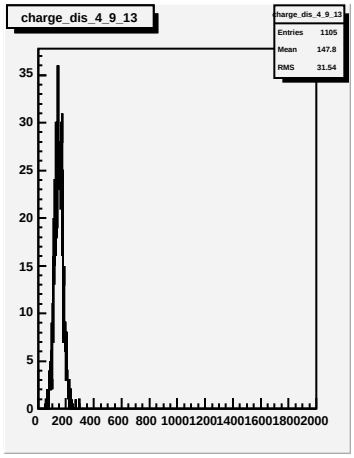

charge_dis_4_9_8
charge_dis_4_9_8
Entries 1105
Mean 188.7
RMS 30.66

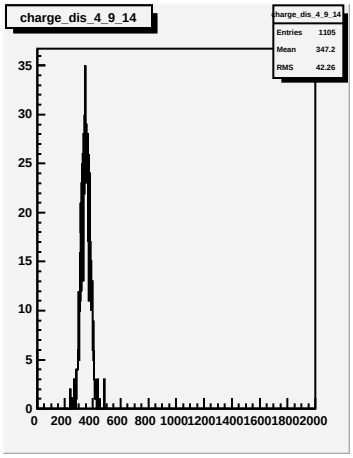

charge_dis_4_9_9
charge_dis_4_9_9
Entries 1105
Mean 209.7
RMS 28.87

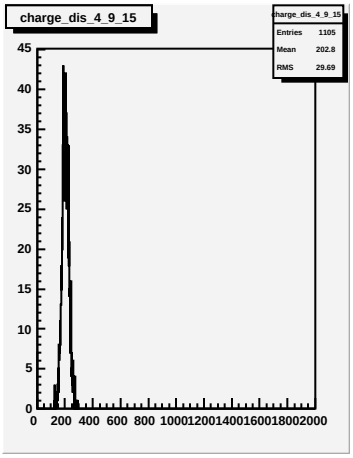

charge_dis_4_9_10
charge_dis_4_9_10
Entries 1105
Mean 355.7
RMS 40.79

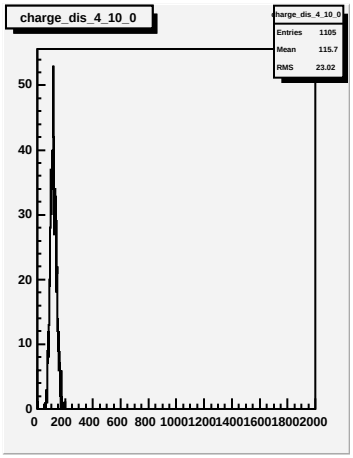

charge_dis_4_9_11
charge_dis_4_9_11
Entries 1105
Mean 150.6
RMS 27.36

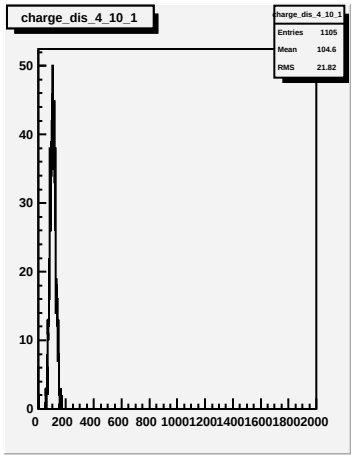

charge_dis_4_9_12
charge_dis_4_9_12
Entries 1105
Mean 236.1
RMS 31.48

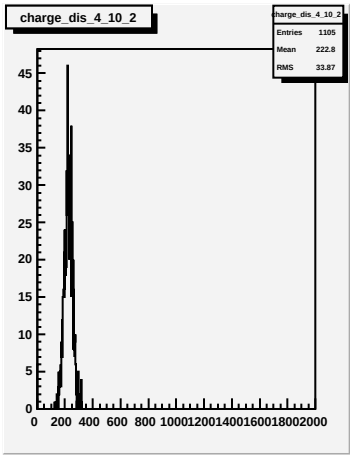

charge_dis_4_9_13
charge_dis_4_9_13
Entries 1105
Mean 147.8
RMS 31.54

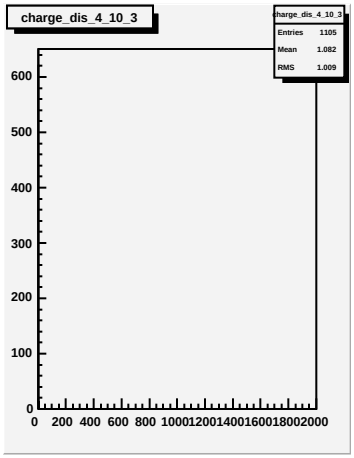

charge_dis_4_9_14
charge_dis_4_9_14
Entries 1105
Mean 347.2
RMS 42.26


charge_dis_4_9_15
charge_dis_4_9_15
Entries 1105
Mean 202.8
RMS 29.69


charge_dis_4_10_0
charge_dis_4_10_0
Entries 1105
Mean 115.7
RMS 23.02


charge_dis_4_10_1
charge_dis_4_10_1
Entries 1105
Mean 104.6
RMS 21.82


charge_dis_4_10_2
charge_dis_4_10_2
Entries 1105
Mean 222.8
RMS 33.87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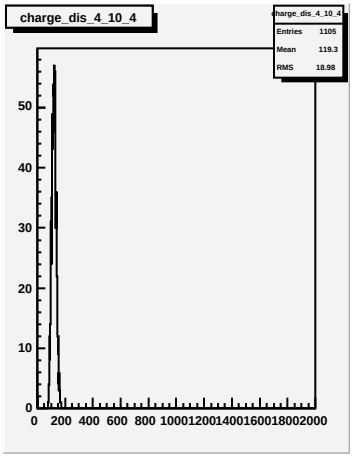
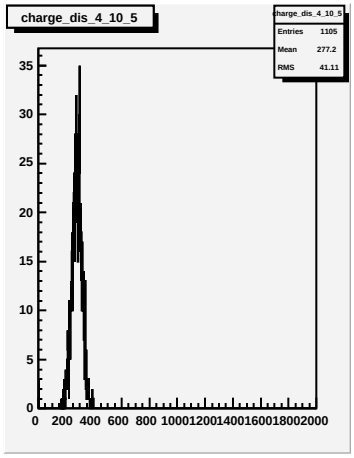
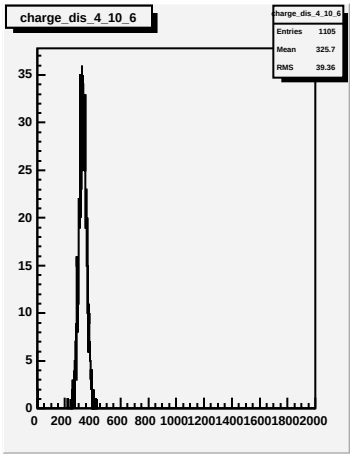
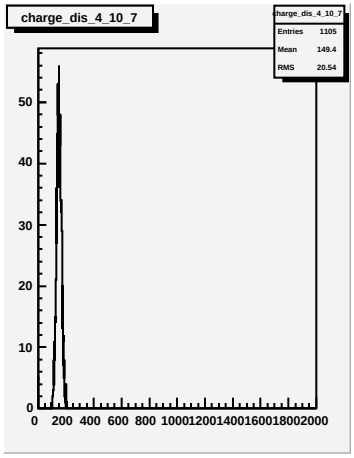
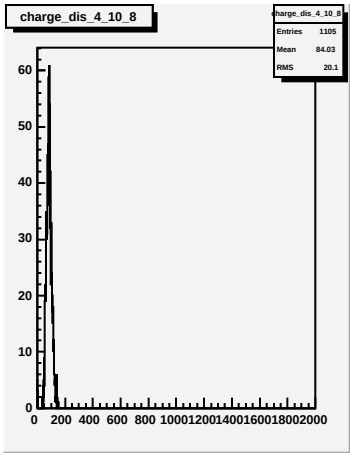
charge_dis_4_10_3
Entries 1105
Mean 1.082
RMS 1.009

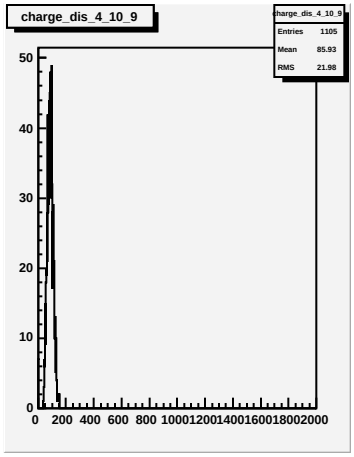

charge_dis_4_10_4
charge_dis_4_10_4
Entries 1105
Mean 119.3
RMS 18.98


charge_dis_4_10_5
charge_dis_4_10_5
Entries 1105
Mean 277.2
RMS 41.11


charge_dis_4_10_6
charge_dis_4_10_6
Entries 1105
Mean 325.7
RMS 39.36


charge_dis_4_10_7
charge_dis_4_10_7
Entries 1105
Mean 149.4
RMS 20.54


charge_dis_4_10_8
charge_dis_4_10_8
Entries 1105
Mean 84.03
RMS 20.1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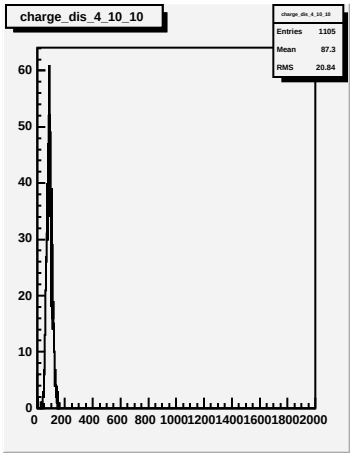
charge_dis_4_10_9
Entries 1105
Mean 85.93
RMS 21.98


charge_dis_4_10_10
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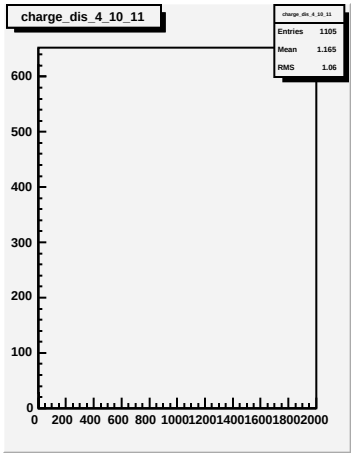
Entries 1105
Mean 87.3
RMS 20.84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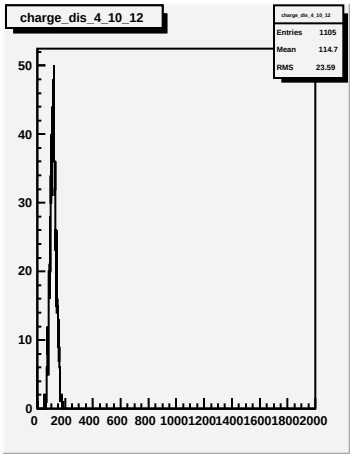
Entries 1105
Mean 1.165
RMS 1.06


charge_dis_4_10_12
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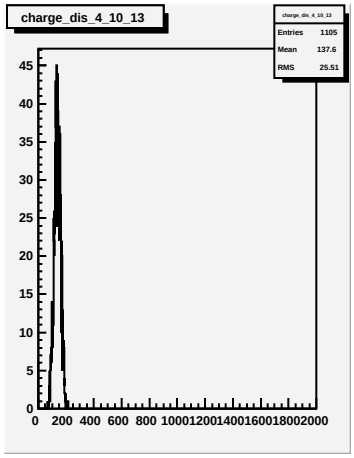
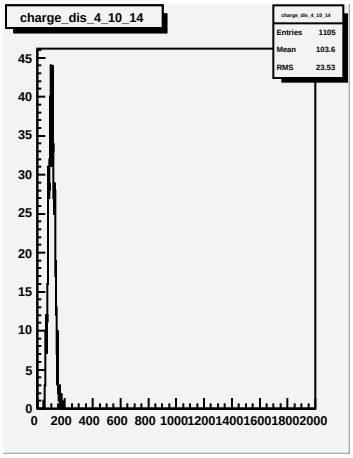
Entries 1105
Mean 114.7
RMS 23.59


charge_dis_4_10_13
charge_dis_4_10_13
Entries 1105
Mean 137.6
RMS 25.51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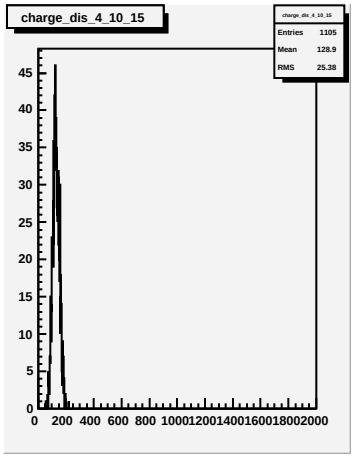
charge_dis_4_10_14
Entries 1105
Mean 103.6
RMS 23.53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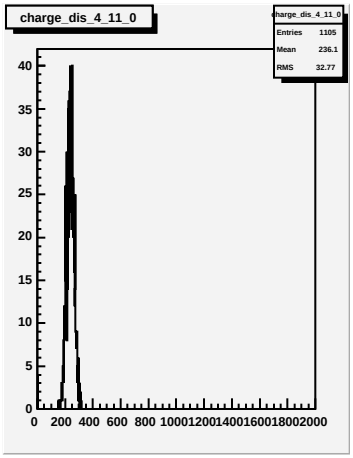
Entries 1105
Mean 128.9
RMS 25.38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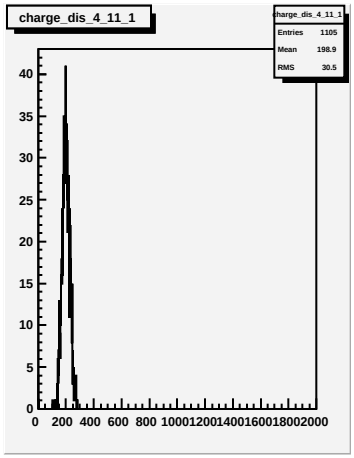
Entries 1105
Mean 236.1
RMS 32.77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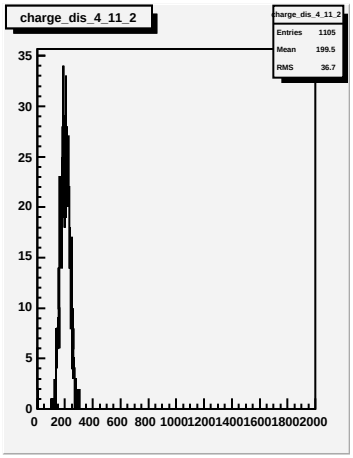
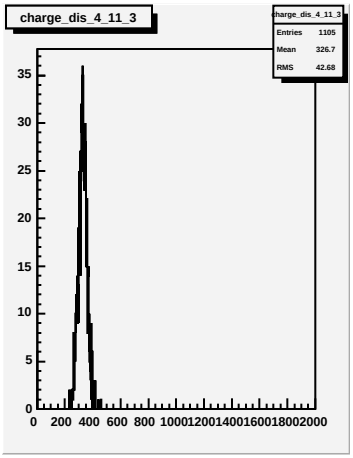
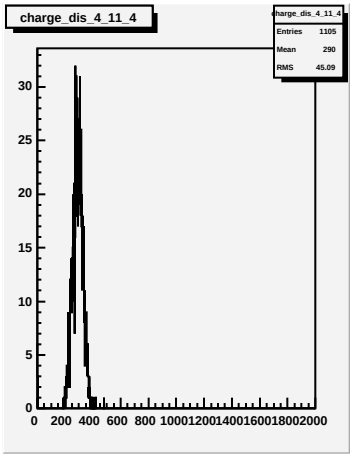
charge_dis_4_11_1
Entries 1105
Mean 198.9
RMS 30.5


charge_dis_4_11_2
charge_dis_4_11_2
Entries 1105
Mean 199.5
RMS 36.7


charge_dis_4_11_3
charge_dis_4_11_3
Entries 1105
Mean 326.7
RMS 42.68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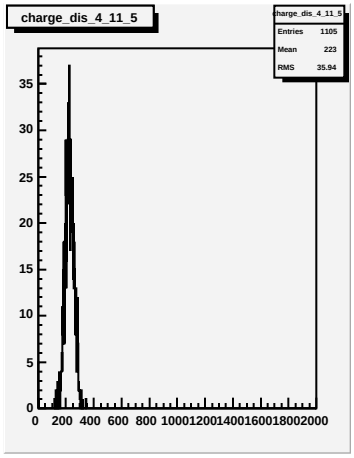
charge_dis_4_11_4
Entries 1105
Mean 290
RMS 45.09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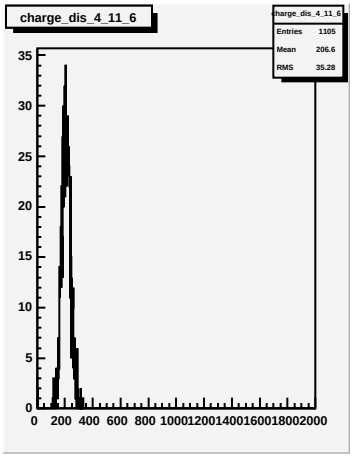
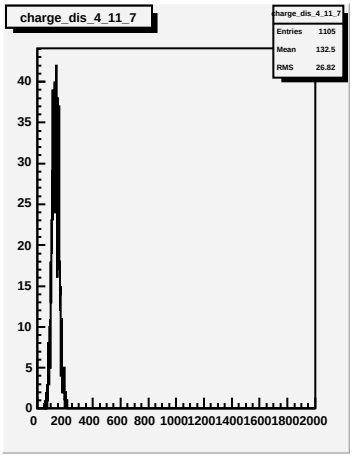
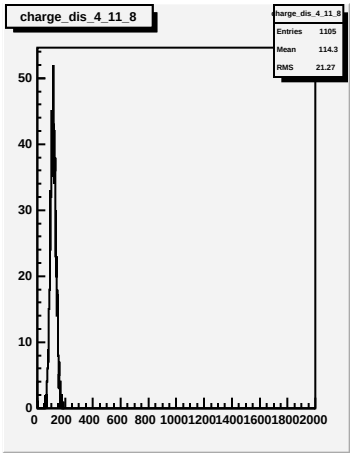
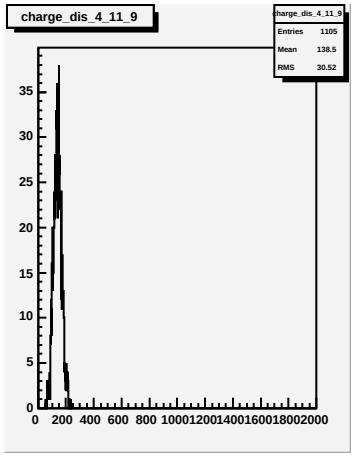
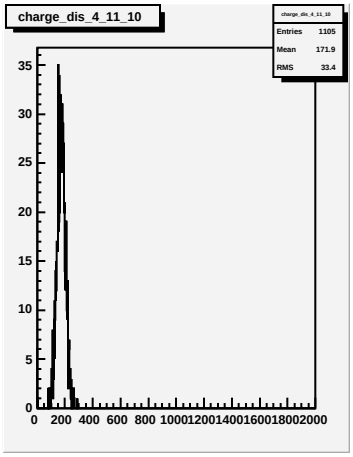
Entries 1105
Mean 223
RMS 35.94


charge_dis_4_11_6
charge_dis_4_11_6
Entries 1105
Mean 206.6
RMS 35.28


charge_dis_4_11_7
charge_dis_4_11_7
Entries 1105
Mean 132.5
RMS 26.82


charge_dis_4_11_8
charge_dis_4_11_8
Entries 1105
Mean 114.3
RMS 21.27


charge_dis_4_11_9
charge_dis_4_11_9
Entries 1105
Mean 138.5
RMS 30.52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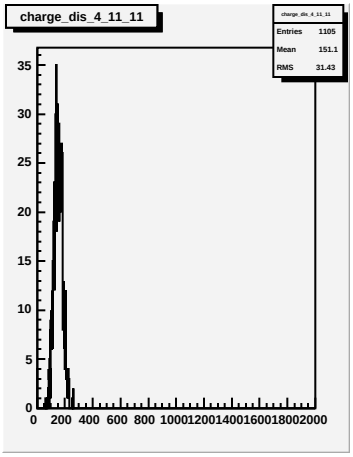
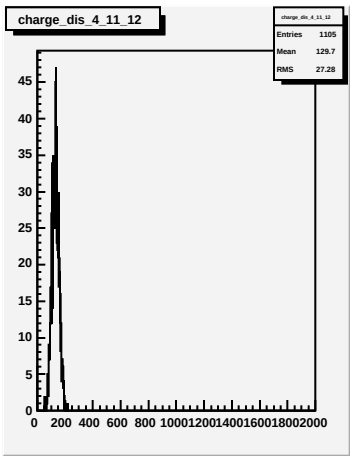
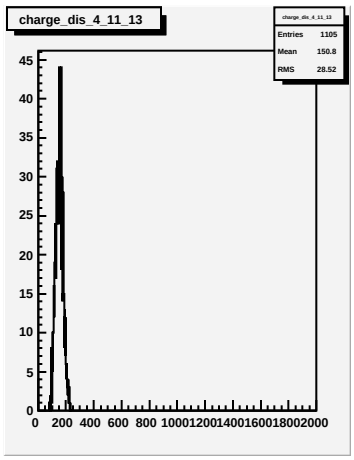
charge_dis_4_11_10
Entries 1105
Mean 171.9
RMS 33.4


charge_dis_4_11_11
charge_dis_4_11_11
Entries 1105
Mean 151.1
RMS 31.43


charge_dis_4_11_12
charge_dis_4_11_12
Entries 1105
Mean 129.7
RMS 27.28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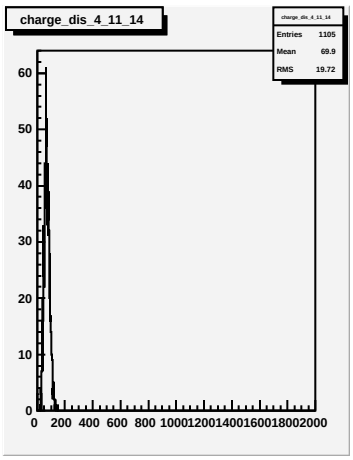
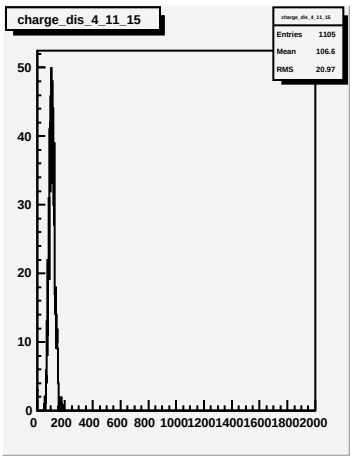
Entries 1105
Mean 150.8
RMS 28.52


charge_dis_4_11_14
charge_dis_4_11_14
Entries 1105
Mean 69.9
RMS 19.72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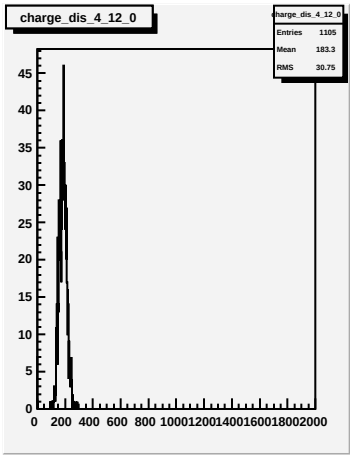
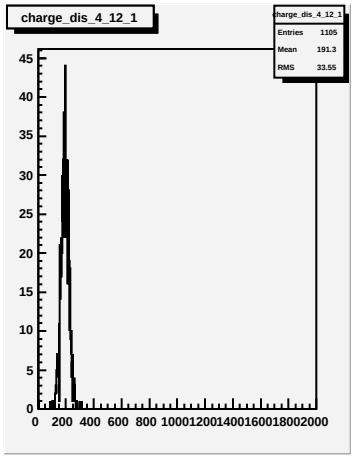
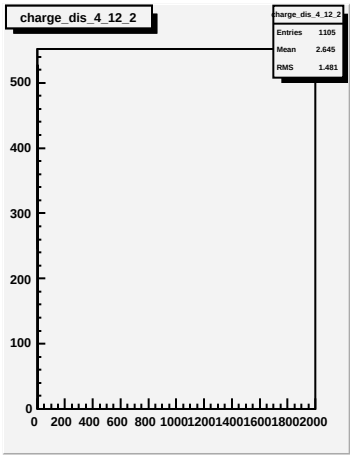
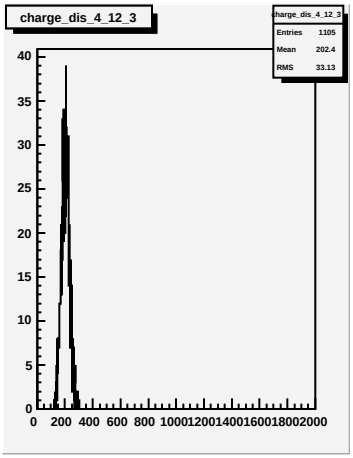
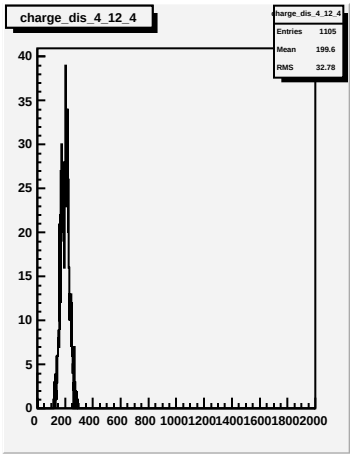
charge_dis_4_11_15
Entries 1105
Mean 106.6
RMS 20.97

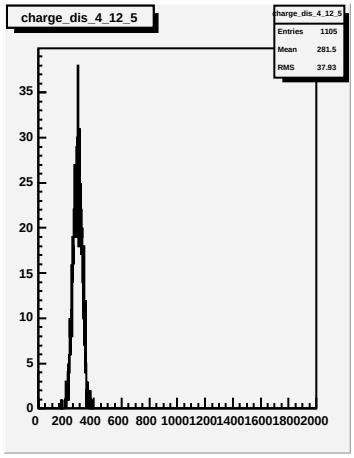

charge_dis_4_12_0
Entries 1105
Mean 183.3
RMS 30.75

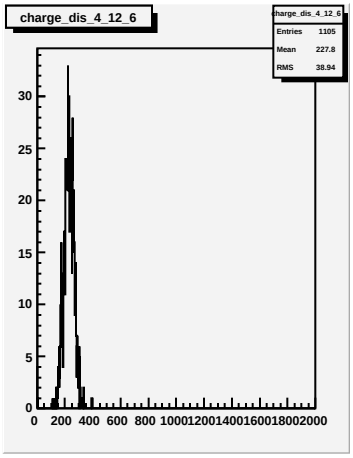

charge_dis_4_12_1
Entries 1105
Mean 191.3
RMS 33.55

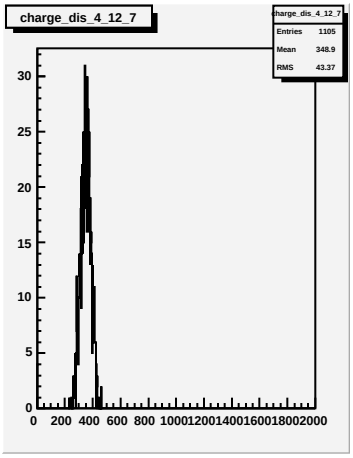

charge_dis_4_12_2
Entries 1105
Mean 2.645
RMS 1.481

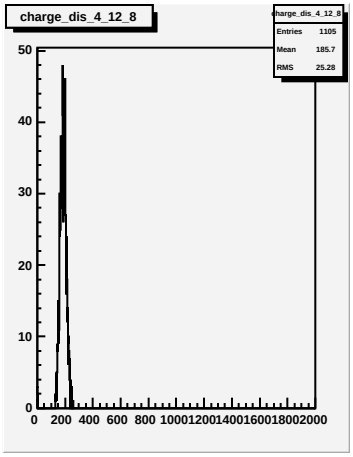

charge_dis_4_12_3
Entries 1105
Mean 202.4
RMS 33.13

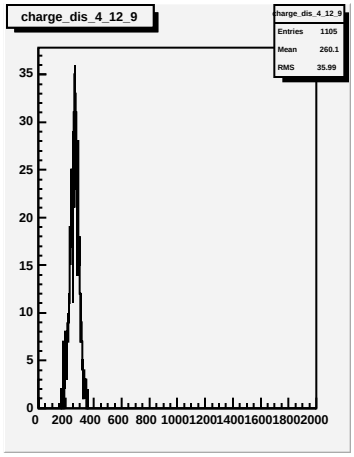

charge_dis_4_12_4
Entries 1105
Mean 199.6
RMS 32.78

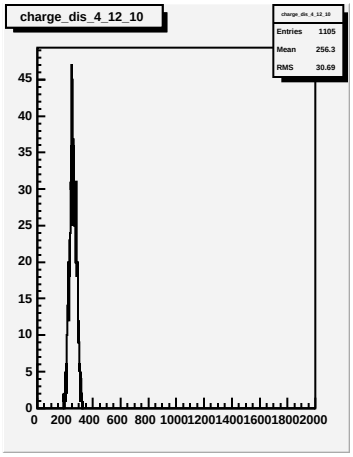

charge_dis_4_12_5
Entries 1105
Mean 281.5
RMS 37.93


charge_dis_4_12_6
Entries 1105
Mean 227.8
RMS 38.94


charge_dis_4_12_7
Entries 1105
Mean 348.9
RMS 43.37


charge_dis_4_12_8
Entries 1105
Mean 185.7
RMS 25.28


charge_dis_4_12_9
Entries 1105
Mean 260.1
RMS 35.99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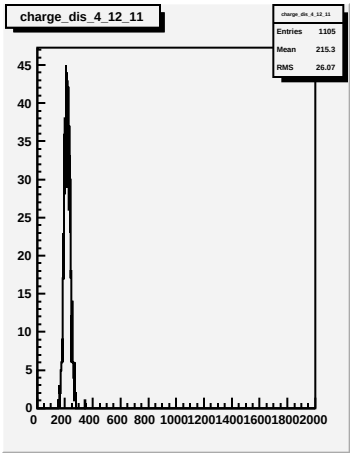
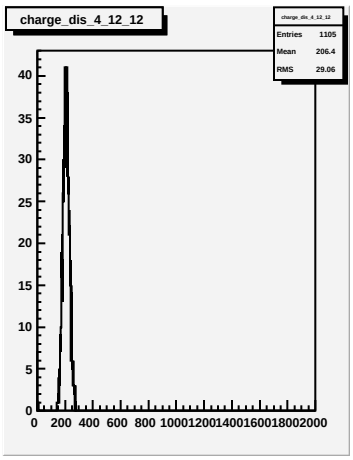
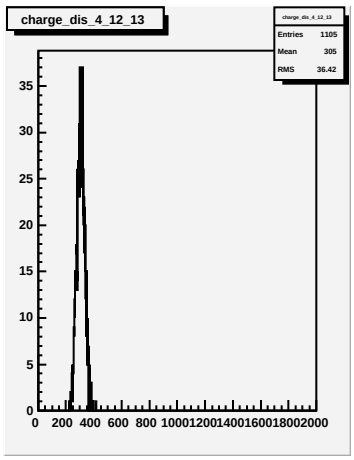
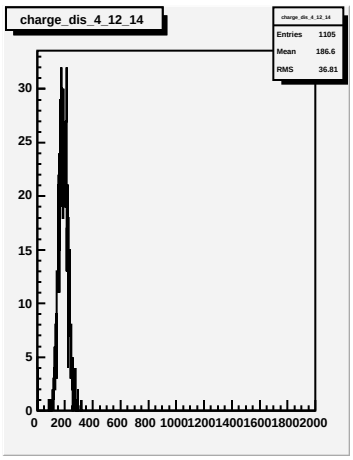
Entries 1105
Mean 256.3
RMS 30.69


charge_dis_4_12_11
Entries 1105
Mean 215.3
RMS 26.07


charge_dis_4_12_12
Entries 1105
Mean 206.4
RMS 29.06


charge_dis_4_12_13
Entries 1105
Mean 305
RMS 36.42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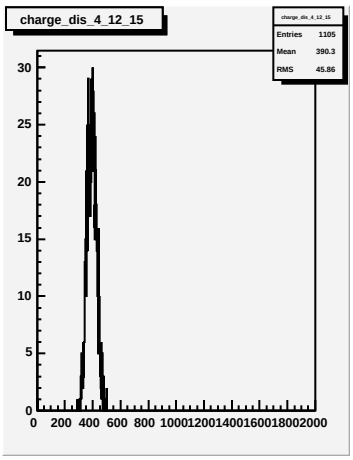
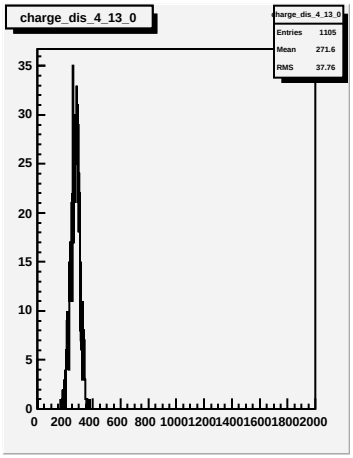
Entries 1105
Mean 186.6
RMS 36.81


charge_dis_4_12_15
Entries 1105
Mean 390.3
RMS 45.86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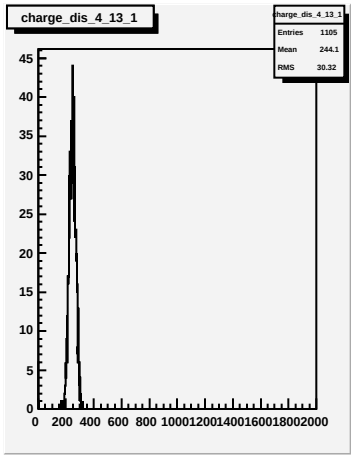
charge_dis_4_13_0
Entries 1105
Mean 271.6
RMS 37.76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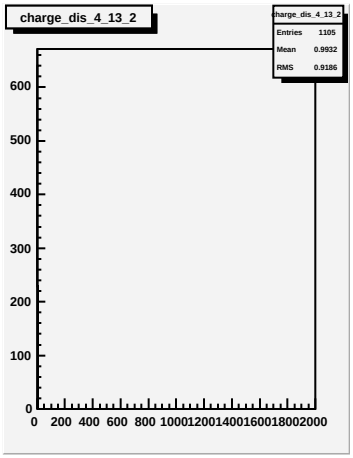
charge_dis_4_13_1
Entries 1105
Mean 244.1
RMS 30.32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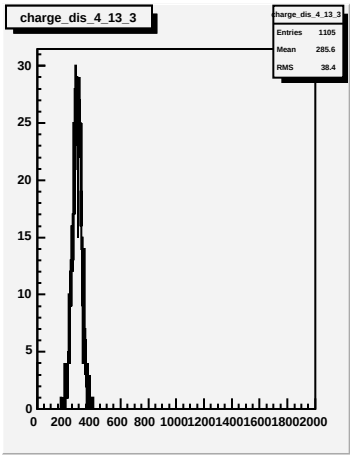
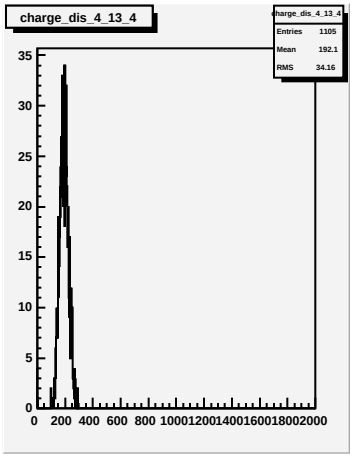
charge_dis_4_13_2
Entries 1105
Mean 0.9932
RMS 0.9186


charge_dis_4_13_3
charge_dis_4_13_3
Entries 1105
Mean 285.6
RMS 38.4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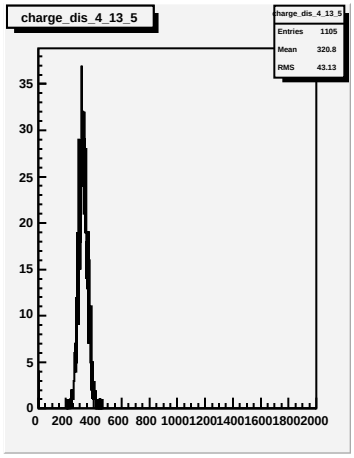
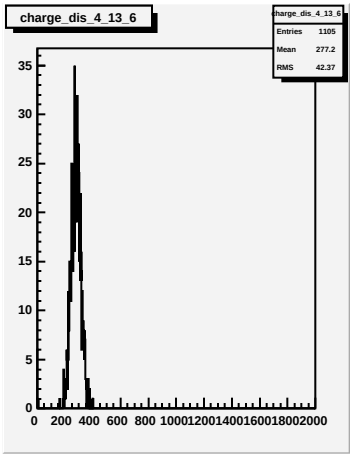
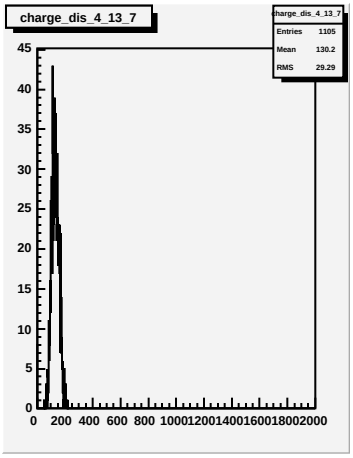
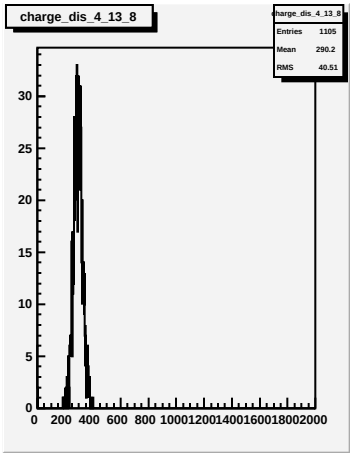
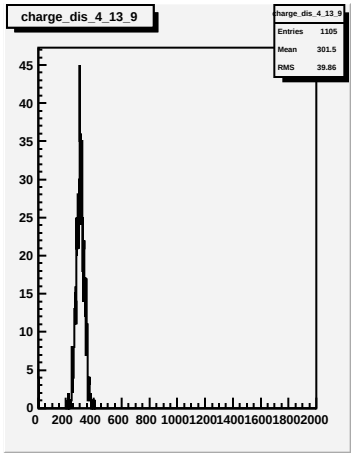
charge_dis_4_13_4
Entries 1105
Mean 192.1
RMS 34.16

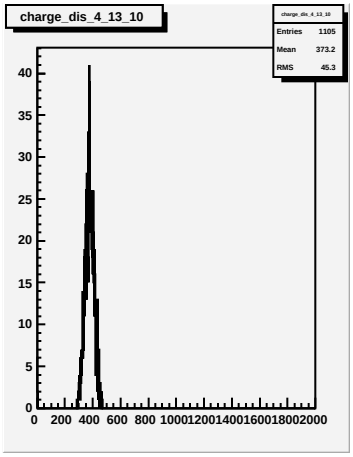

charge_dis_4_13_5
charge_dis_4_13_5
Entries 1105
Mean 320.8
RMS 43.13

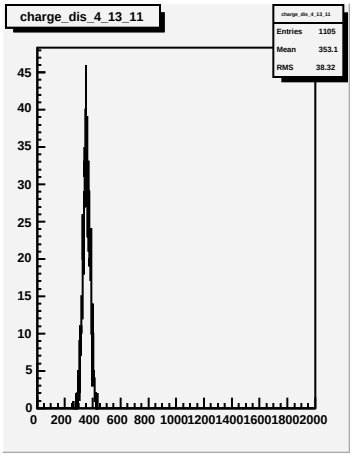

charge_dis_4_13_6
charge_dis_4_13_6
Entries 1105
Mean 277.2
RMS 42.37


charge_dis_4_13_7
charge_dis_4_13_7
Entries 1105
Mean 130.2
RMS 29.29


charge_dis_4_13_8
charge_dis_4_13_8
Entries 1105
Mean 290.2
RMS 40.51


charge_dis_4_13_9
charge_dis_4_13_9
Entries 1105
Mean 301.5
RMS 39.86


charge_dis_4_13_10
charge_dis_4_13_10
Entries 1105
Mean 373.2
RMS 45.3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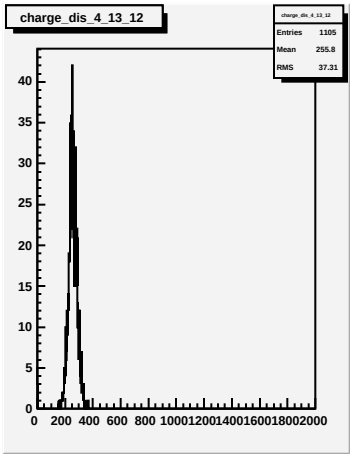
charge_dis_4_13_11
Entries 1105
Mean 353.1
RMS 38.32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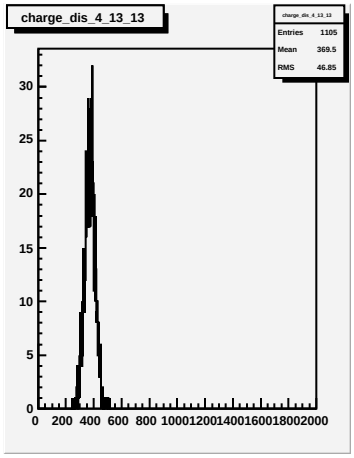
charge_dis_4_13_12
Entries 1105
Mean 255.8
RMS 37.31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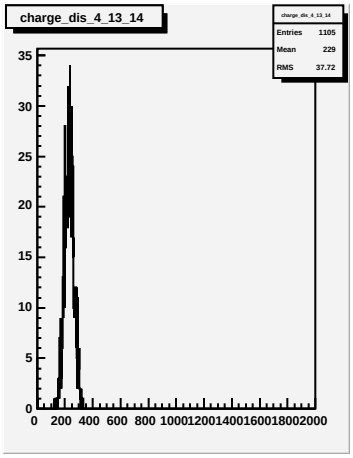
charge_dis_4_13_13
Entries 1105
Mean 369.5
RMS 46.85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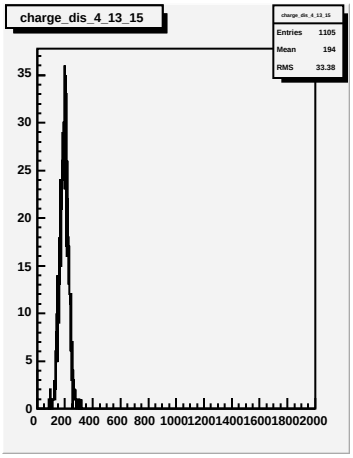
charge_dis_4_13_14
Entries 1105
Mean 229
RMS 37.72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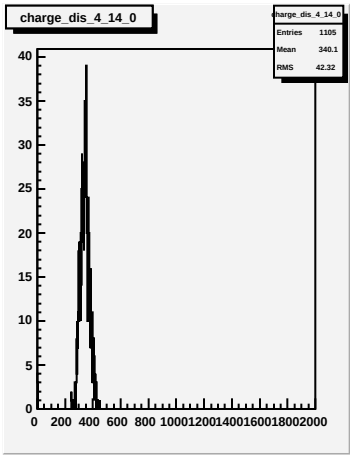
charge_dis_4_13_15
Entries 1105
Mean 194
RMS 33.38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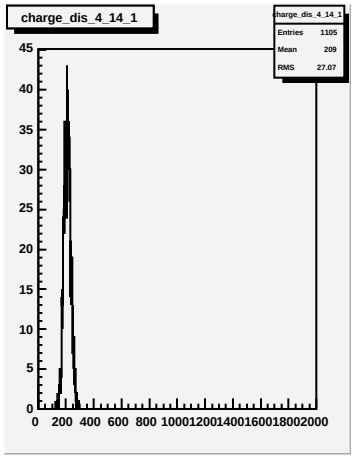
Entries 1105
Mean 340.1
RMS 42.32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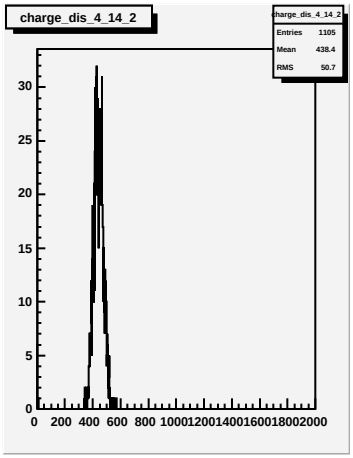
Entries 1105
Mean 209
RMS 27.07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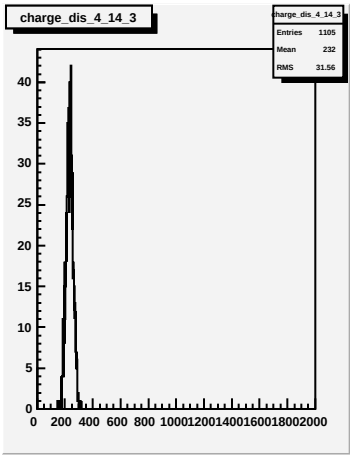
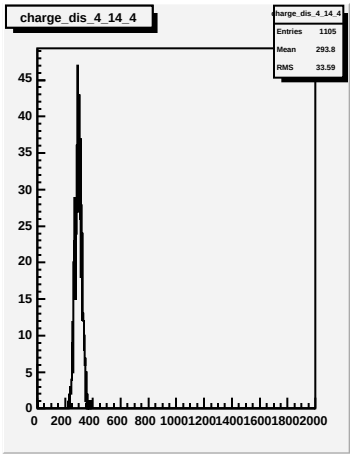
Entries 1105
Mean 438.4
RMS 50.7


charge_dis_4_14_3
Entries 1105
Mean 232
RMS 31.56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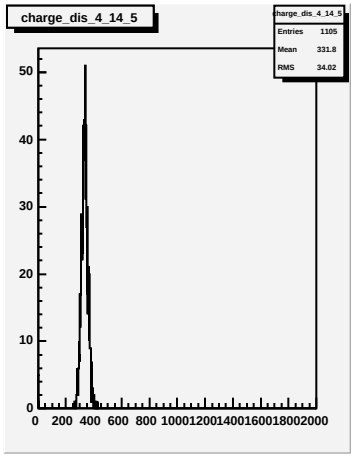
Entries 1105
Mean 293.8
RMS 33.59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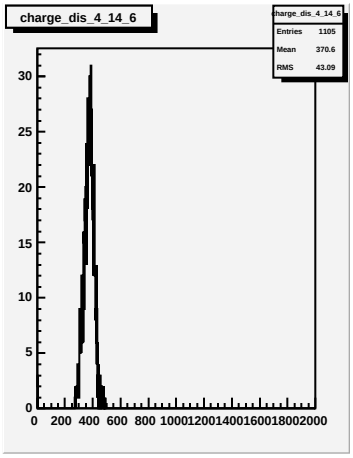
Entries 1105
Mean 331.8
RMS 34.02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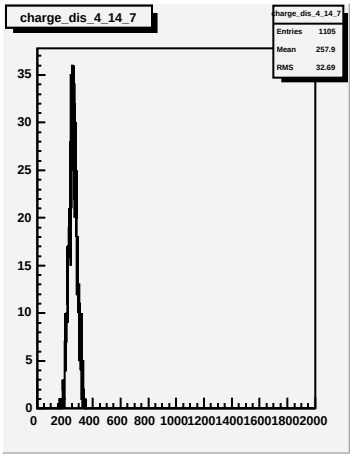
Entries 1105
Mean 370.6
RMS 43.09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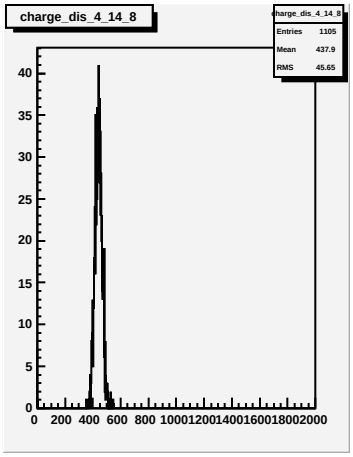
Entries 1105
Mean 257.9
RMS 32.69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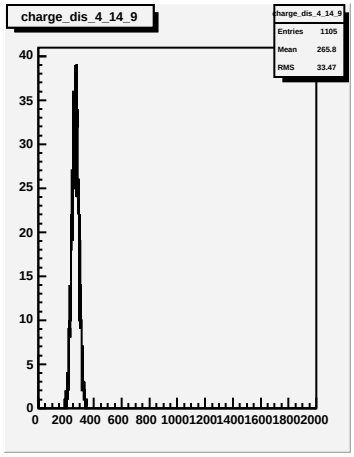
Entries 1105
Mean 437.9
RMS 45.65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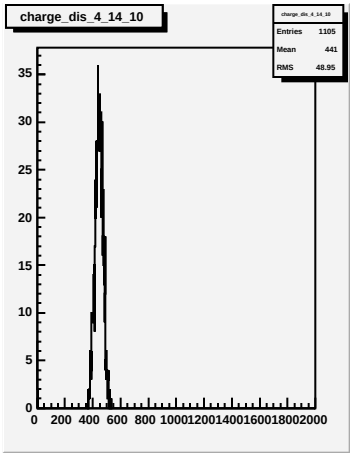
Entries 1105
Mean 265.8
RMS 33.47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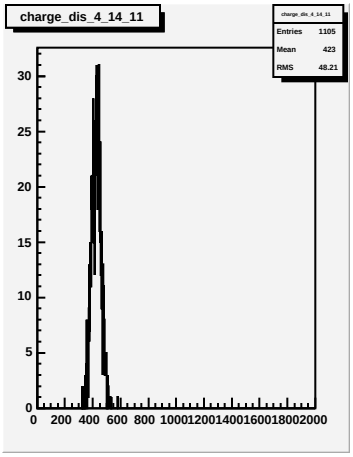
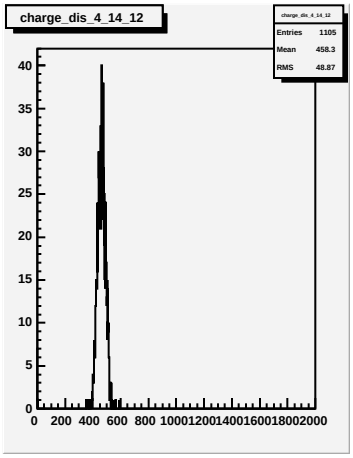
Entries 1105
Mean 441
RMS 48.95


charge_dis_4_14_11
Entries 1105
Mean 423
RMS 48.21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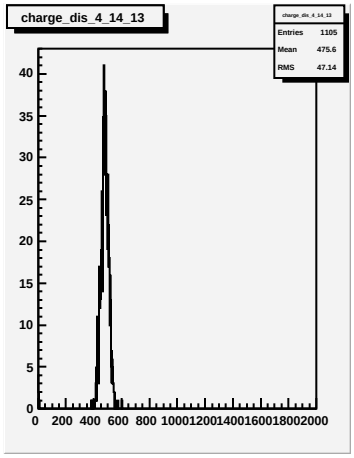
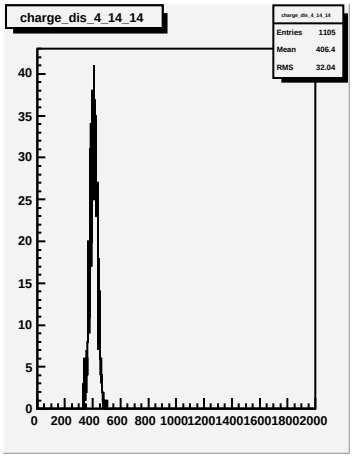
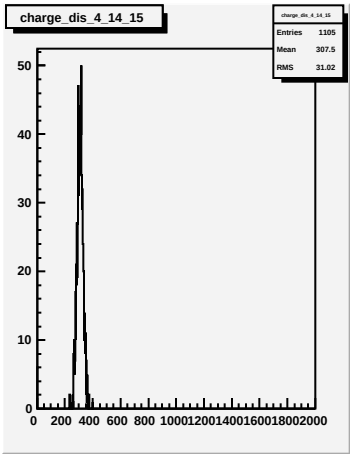
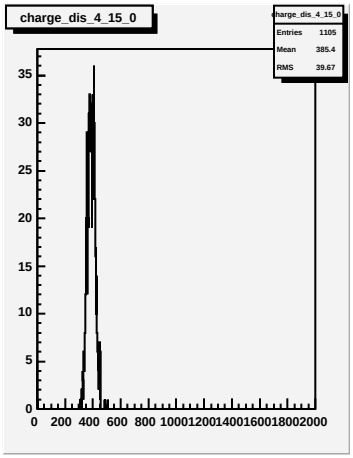
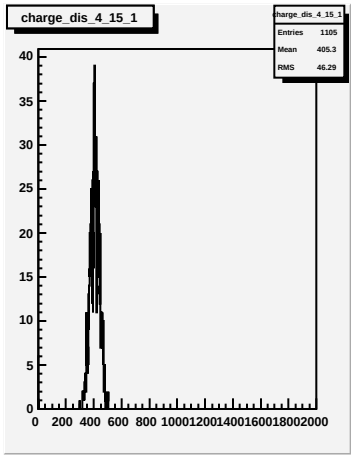
Entries 1105
Mean 458.3
RMS 48.87

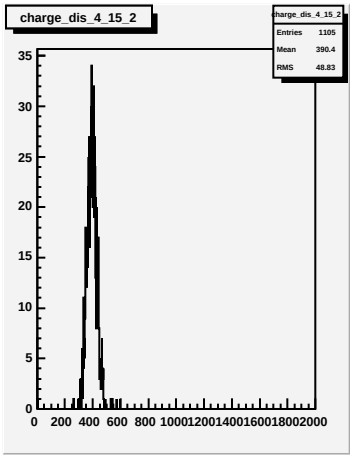

charge_dis_4_14_13
Entries 1105
Mean 475.6
RMS 47.14

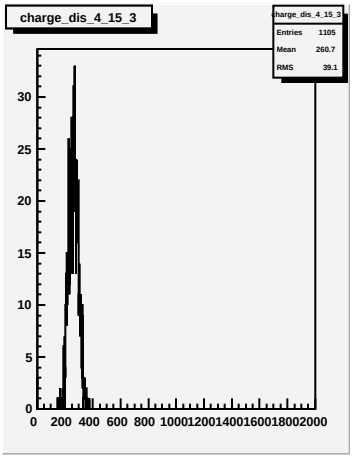

charge_dis_4_14_14
Entries 1105
Mean 406.4
RMS 32.04

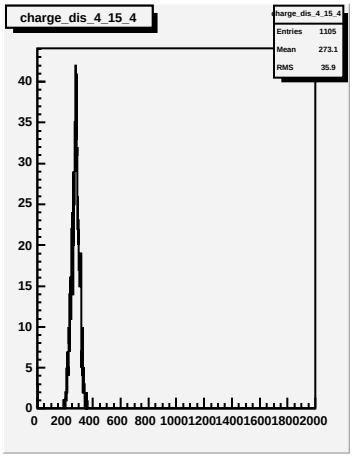

charge_dis_4_14_15
Entries 1105
Mean 307.5
RMS 31.02

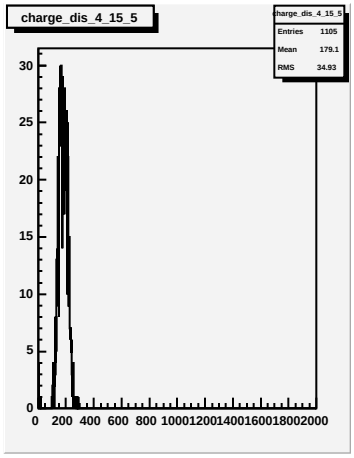

charge_dis_4_15_0
charge_dis_4_15_0
Entries 1105
Mean 385.4
RMS 39.67

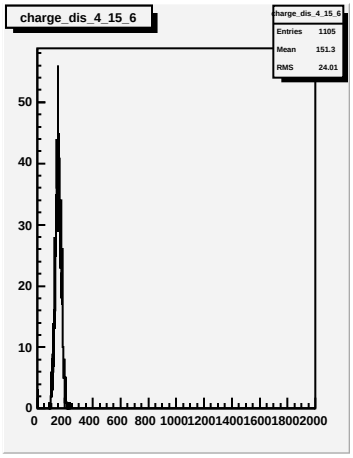

charge_dis_4_15_1
charge_dis_4_15_1
Entries 1105
Mean 405.3
RMS 46.29

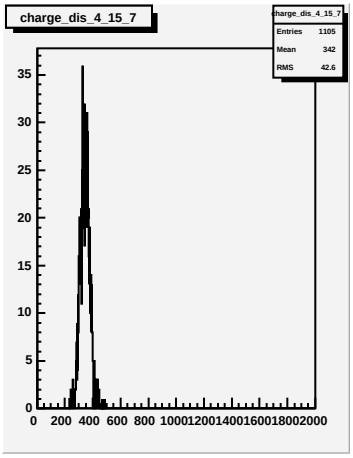

charge_dis_4_15_2
charge_dis_4_15_2
Entries 1105
Mean 390.4
RMS 48.83

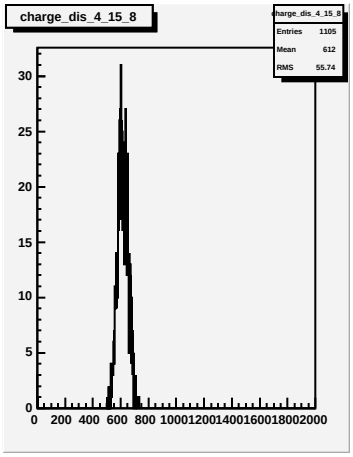

charge_dis_4_15_3
charge_dis_4_15_3
Entries 1105
Mean 260.7
RMS 39.1

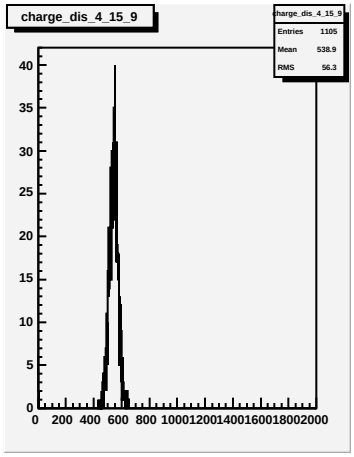

charge_dis_4_15_4
charge_dis_4_15_4
Entries 1105
Mean 273.1
RMS 35.9

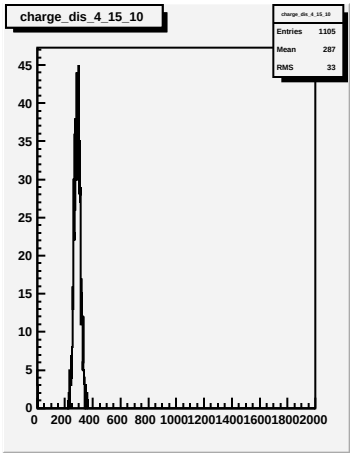

charge_dis_4_15_5
charge_dis_4_15_5
Entries 1105
Mean 179.1
RMS 34.93

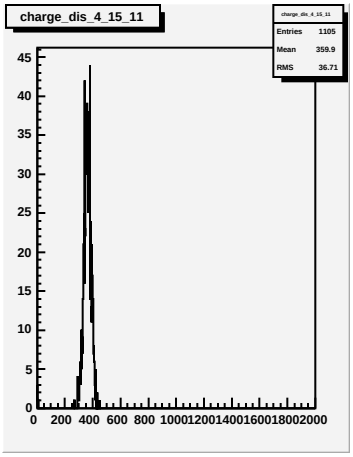

charge_dis_4_15_6
charge_dis_4_15_6
Entries 1105
Mean 151.3
RMS 24.01

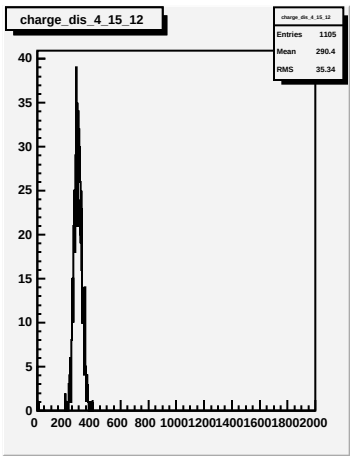

charge_dis_4_15_7
charge_dis_4_15_7
Entries 1105
Mean 342
RMS 42.6

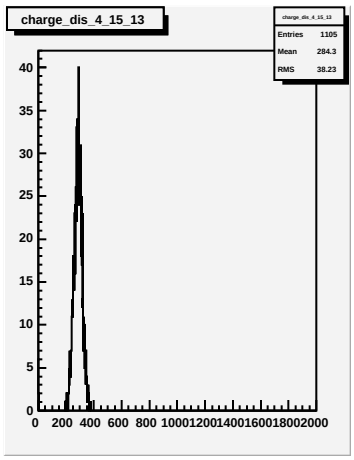

charge_dis_4_15_8
charge_dis_4_15_8
Entries 1105
Mean 612
RMS 55.74

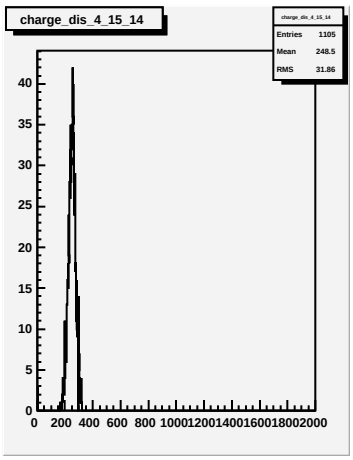

charge_dis_4_15_9
charge_dis_4_15_9
Entries 1105
Mean 538.9
RMS 56.3

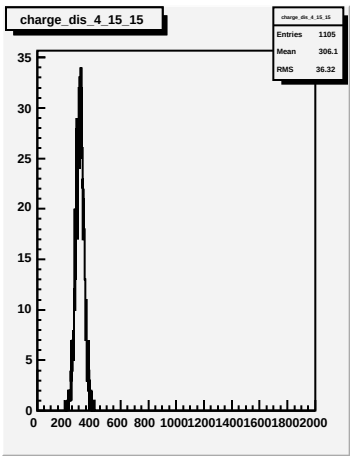

charge_dis_4_15_10
charge_dis_4_15_10
Entries 1105
Mean 287
RMS 33

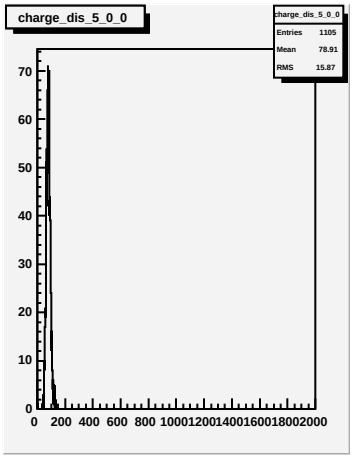

charge_dis_4_15_11
charge_dis_4_15_11
Entries 1105
Mean 359.9
RMS 36.71


charge_dis_4_15_12
charge_dis_4_15_12
Entries 1105
Mean 290.4
RMS 35.34


charge_dis_4_15_13
charge_dis_4_15_13
Entries 1105
Mean 284.3
RMS 38.23


charge_dis_4_15_14
charge_dis_4_15_14
Entries 1105
Mean 248.5
RMS 31.86


charge_dis_4_15_15
charge_dis_4_15_15
Entries 1105
Mean 306.1
RMS 36.32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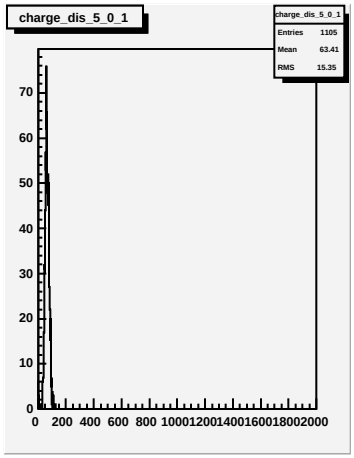
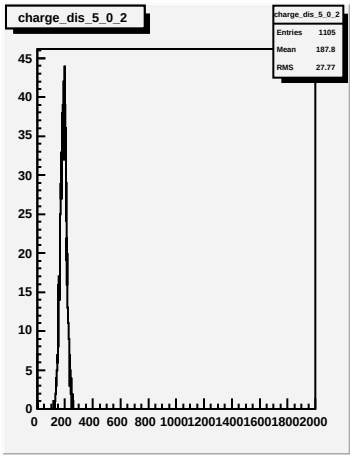
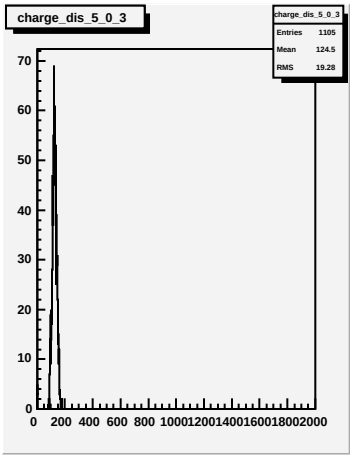
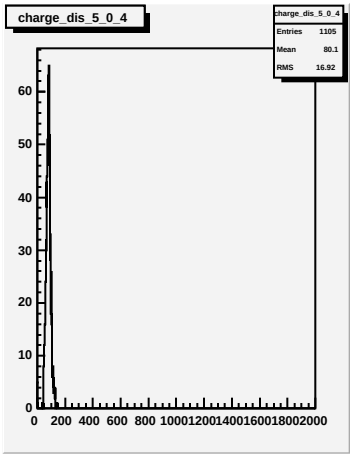
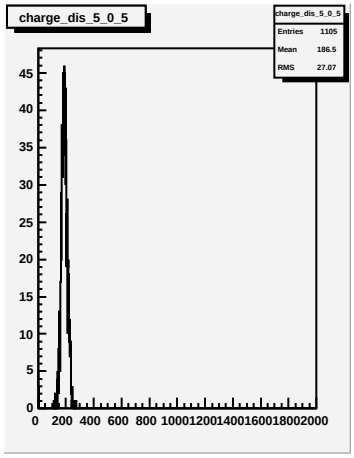
charge_dis_5_0_0
Entries 1105
Mean 78.91
RMS 15.87

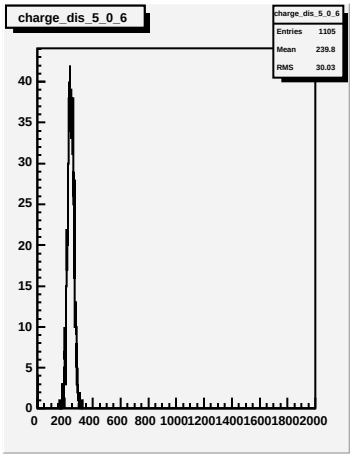

charge_dis_5_0_1
charge_dis_5_0_1
Entries 1105
Mean 63.41
RMS 15.35

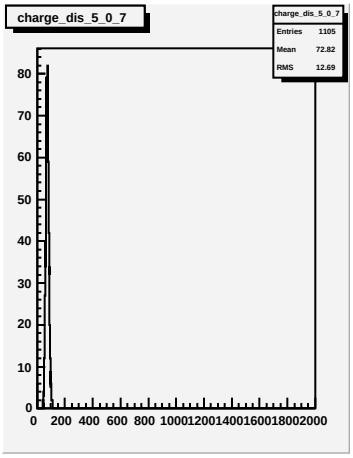

charge_dis_5_0_2
charge_dis_5_0_2
Entries 1105
Mean 187.8
RMS 27.77


charge_dis_5_0_3
charge_dis_5_0_3
Entries 1105
Mean 124.5
RMS 19.28


charge_dis_5_0_4
charge_dis_5_0_4
Entries 1105
Mean 80.1
RMS 16.92


charge_dis_5_0_5
charge_dis_5_0_5
Entries 1105
Mean 186.5
RMS 27.07


charge_dis_5_0_6
charge_dis_5_0_6
Entries 1105
Mean 239.8
RMS 30.03


charge_dis_5_0_7
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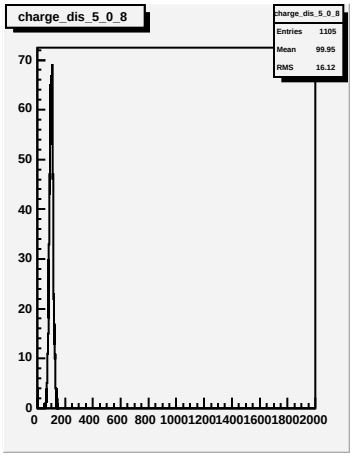
Entries 1105
Mean 72.82
RMS 12.69


charge_dis_5_0_8
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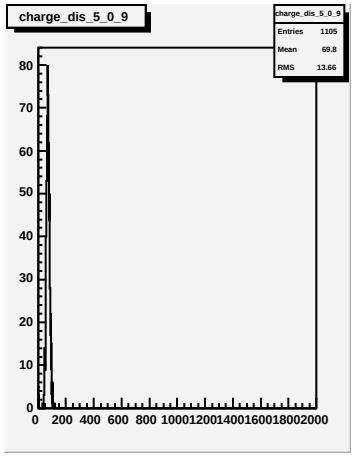
Entries 1105
Mean 99.95
RMS 16.12


charge_dis_5_0_9
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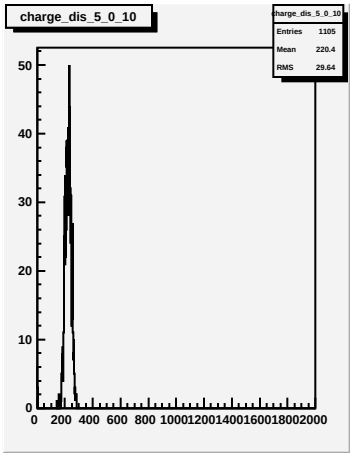
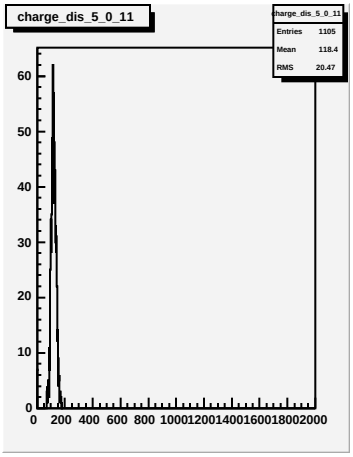
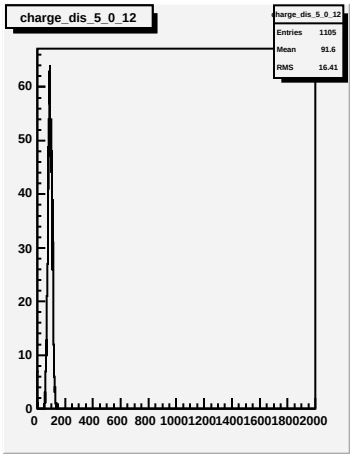
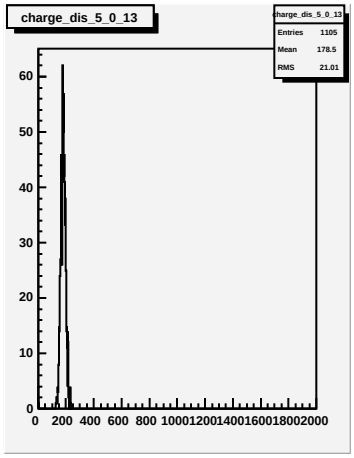
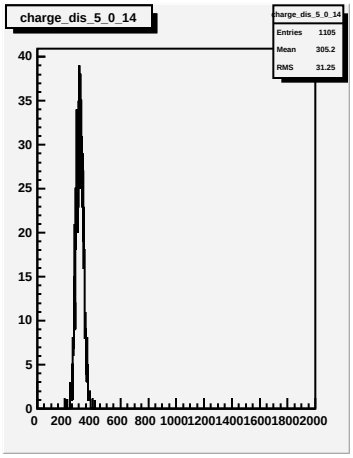
Entries 1105
Mean 69.8
RMS 13.66

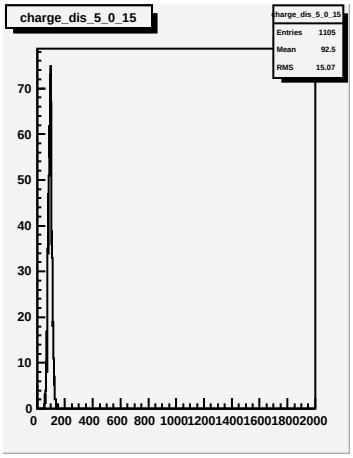

charge_dis_5_0_10
charge_dis_5_0_10
Entries 1105
Mean 220.4
RMS 29.64

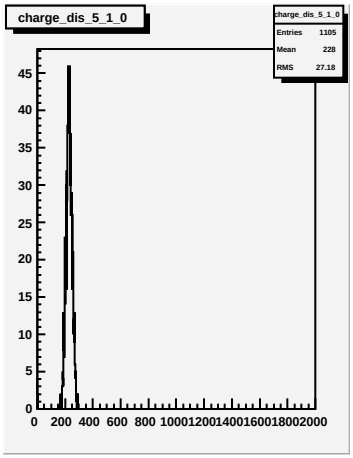

charge_dis_5_0_11
charge_dis_5_0_11
Entries 1105
Mean 118.4
RMS 20.47

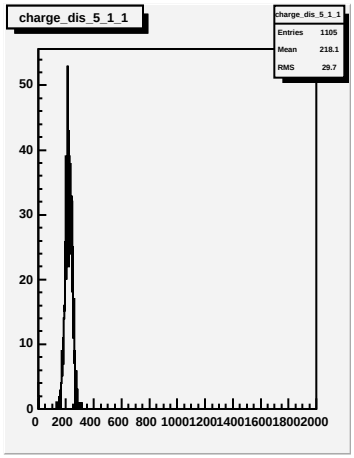

charge_dis_5_0_12
charge_dis_5_0_12
Entries 1105
Mean 91.6
RMS 16.41

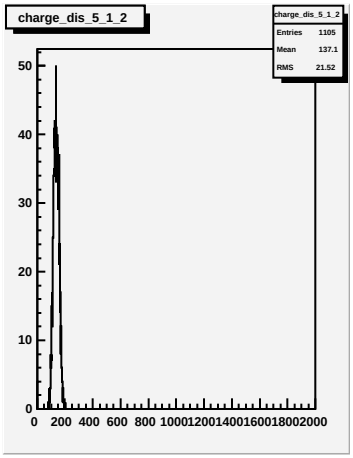

charge_dis_5_0_13
charge_dis_5_0_13
Entries 1105
Mean 178.5
RMS 21.01

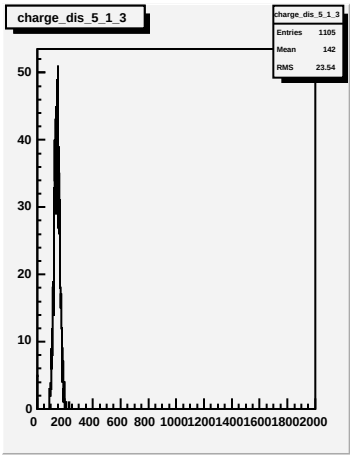

charge_dis_5_0_14
charge_dis_5_0_14
Entries 1105
Mean 305.2
RMS 31.25

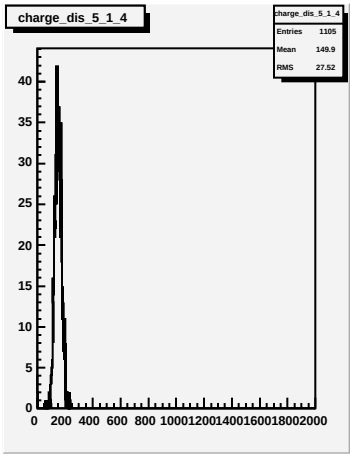

charge_dis_5_0_15
charge_dis_5_0_15
Entries 1105
Mean 92.5
RMS 15.07

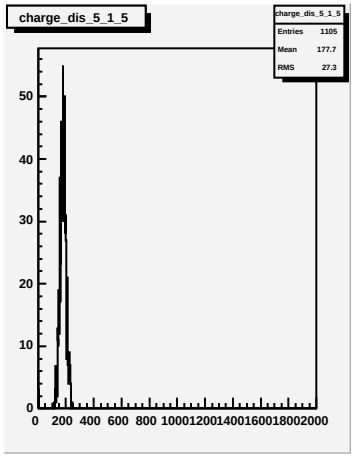

charge_dis_5_1_0
charge_dis_5_1_0
Entries 1105
Mean 228
RMS 27.18

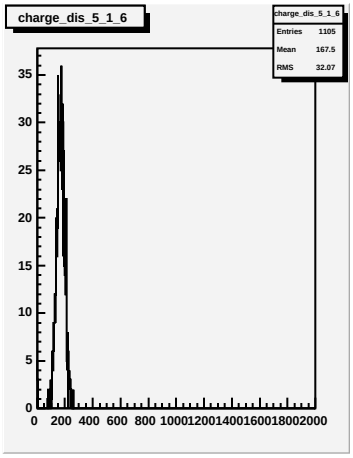

charge_dis_5_1_1
charge_dis_5_1_1
Entries 1105
Mean 218.1
RMS 29.7

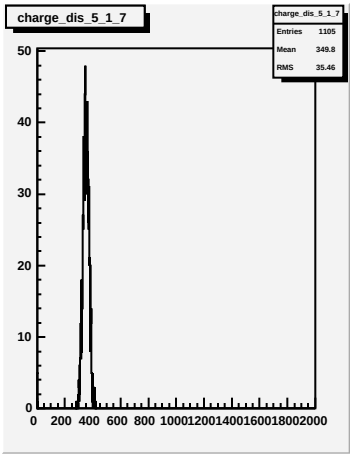

charge_dis_5_1_2
charge_dis_5_1_2
Entries 1105
Mean 137.1
RMS 21.52

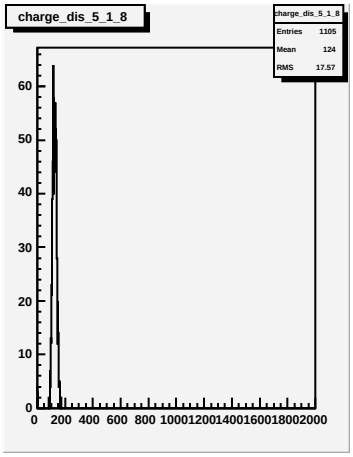

charge_dis_5_1_3
charge_dis_5_1_3
Entries 1105
Mean 142
RMS 23.54


charge_dis_5_1_4
charge_dis_5_1_4
Entries 1105
Mean 149.9
RMS 27.52


charge_dis_5_1_5
charge_dis_5_1_5
Entries 1105
Mean 177.7
RMS 27.3


charge_dis_5_1_6
charge_dis_5_1_6
Entries 1105
Mean 167.5
RMS 32.07


charge_dis_5_1_7
charge_dis_5_1_7
Entries 1105
Mean 349.8
RMS 35.46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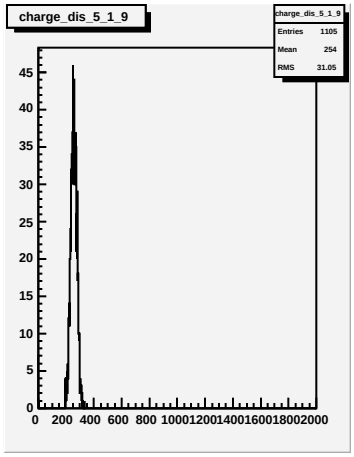
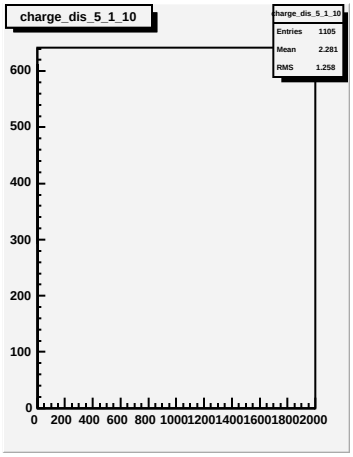
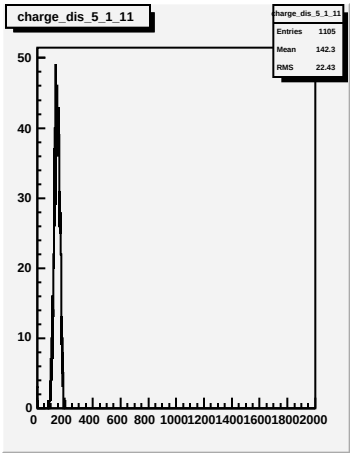
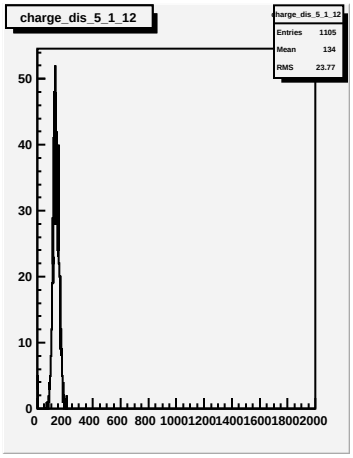
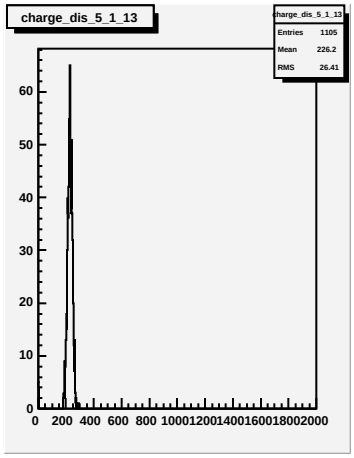
charge_dis_5_1_8
Entries 1105
Mean 124
RMS 17.57

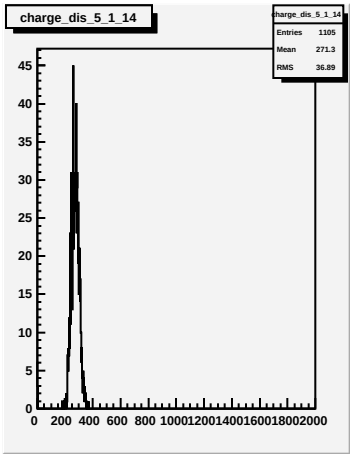

charge_dis_5_1_9
charge_dis_5_1_9
Entries 1105
Mean 254
RMS 31.05

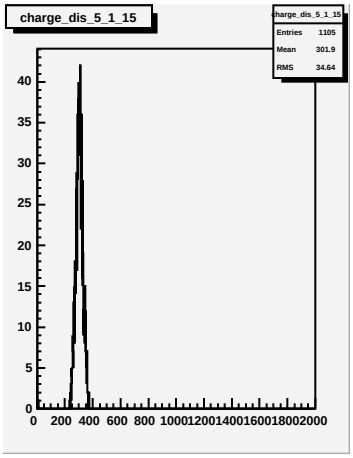

charge_dis_5_1_10
charge_dis_5_1_10
Entries 1105
Mean 2.281
RMS 1.258


charge_dis_5_1_11
charge_dis_5_1_11
Entries 1105
Mean 142.3
RMS 22.43


charge_dis_5_1_12
charge_dis_5_1_12
Entries 1105
Mean 134
RMS 23.77


charge_dis_5_1_13
charge_dis_5_1_13
Entries 1105
Mean 226.2
RMS 26.41


charge_dis_5_1_14
charge_dis_5_1_14
Entries 1105
Mean 271.3
RMS 36.89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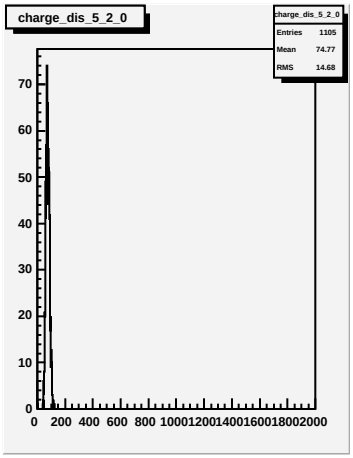
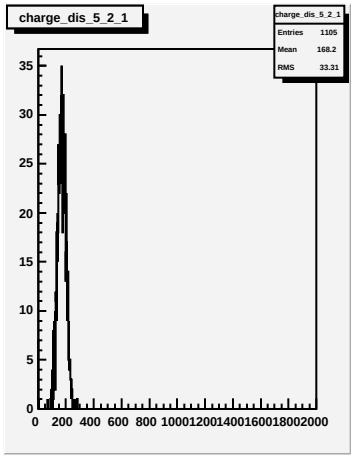
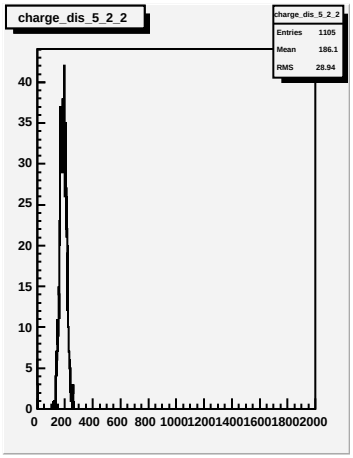
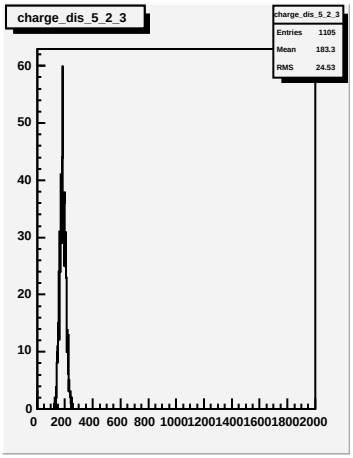
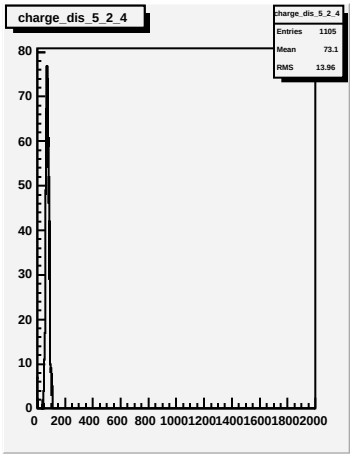
charge_dis_5_1_15
Entries 1105
Mean 301.9
RMS 34.64

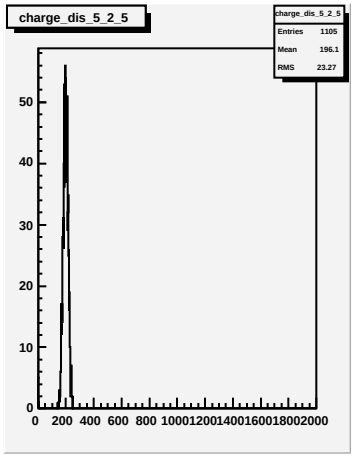

charge_dis_5_2_0
charge_dis_5_2_0
Entries 1105
Mean 74.77
RMS 14.68

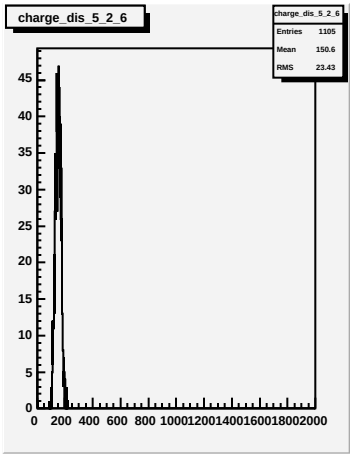

charge_dis_5_2_1
charge_dis_5_2_1
Entries 1105
Mean 168.2
RMS 33.31

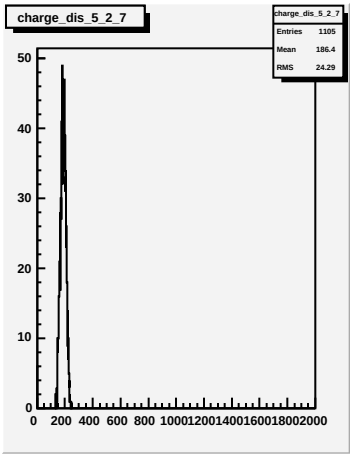

charge_dis_5_2_2
charge_dis_5_2_2
Entries 1105
Mean 186.1
RMS 28.94

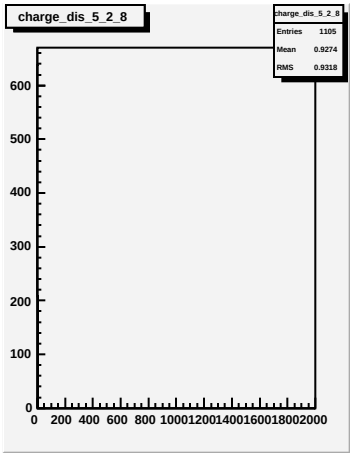

charge_dis_5_2_3
charge_dis_5_2_3
Entries 1105
Mean 183.3
RMS 24.53

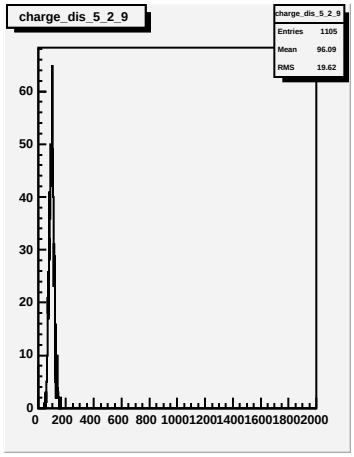

charge_dis_5_2_4
charge_dis_5_2_4
Entries 1105
Mean 73.1
RMS 13.96

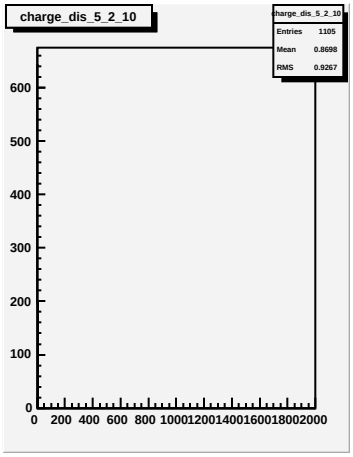

charge_dis_5_2_5
charge_dis_5_2_5
Entries 1105
Mean 196.1
RMS 23.27

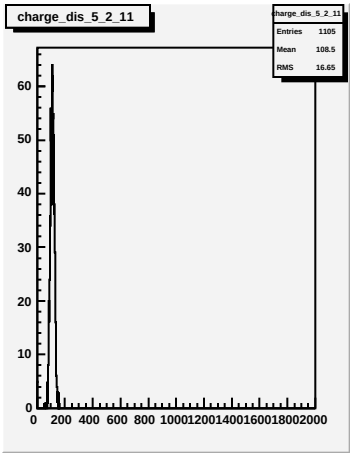

charge_dis_5_2_6
charge_dis_5_2_6
Entries 1105
Mean 150.6
RMS 23.43

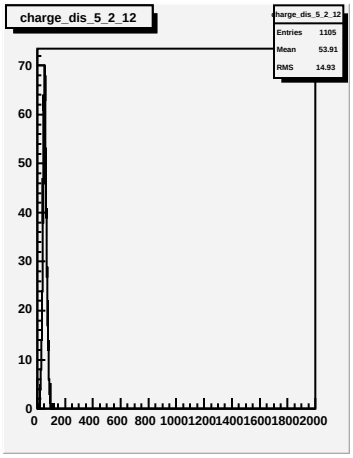

charge_dis_5_2_7
charge_dis_5_2_7
Entries 1105
Mean 186.4
RMS 24.29

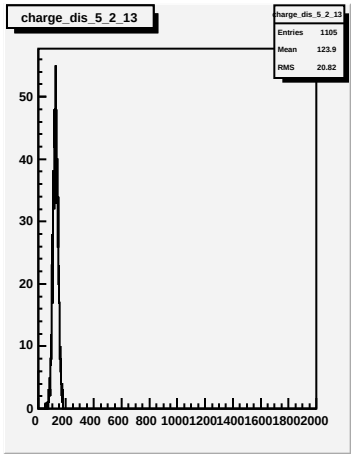

charge_dis_5_2_8
charge_dis_5_2_8
Entries 1105
Mean 0.9274
RMS 0.9318

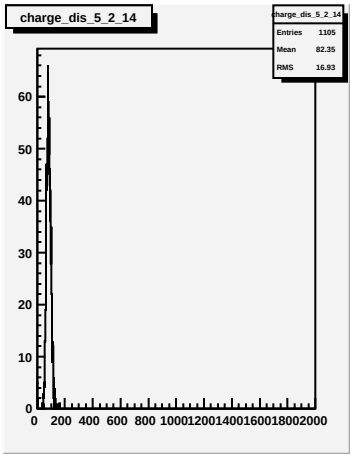

charge_dis_5_2_9
charge_dis_5_2_9
Entries 1105
Mean 96.09
RMS 19.62


charge_dis_5_2_10
charge_dis_5_2_10
Entries 1105
Mean 0.8698
RMS 0.9267


charge_dis_5_2_11
charge_dis_5_2_11
Entries 1105
Mean 108.5
RMS 16.65


charge_dis_5_2_12
charge_dis_5_2_12
Entries 1105
Mean 53.91
RMS 14.93


charge_dis_5_2_13
charge_dis_5_2_13
Entries 1105
Mean 123.9
RMS 20.82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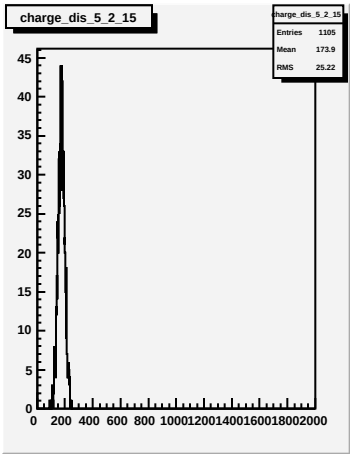
charge_dis_5_2_14
Entries 1105
Mean 82.35
RMS 16.93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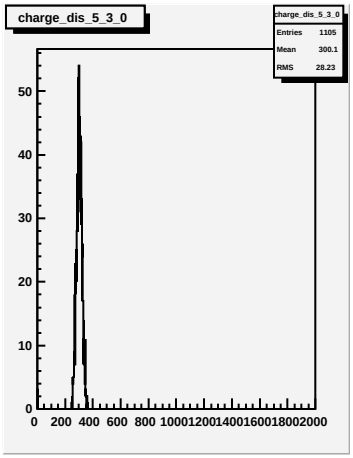
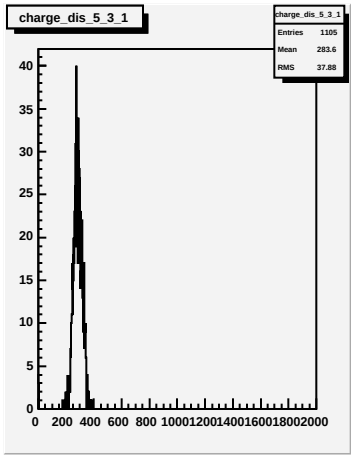
charge_dis_5_2_15
Entries 1105
Mean 173.9
RMS 25.22


charge_dis_5_3_0
charge_dis_5_3_0
Entries 1105
Mean 300.1
RMS 28.23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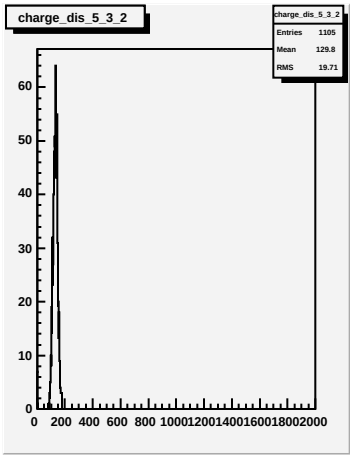
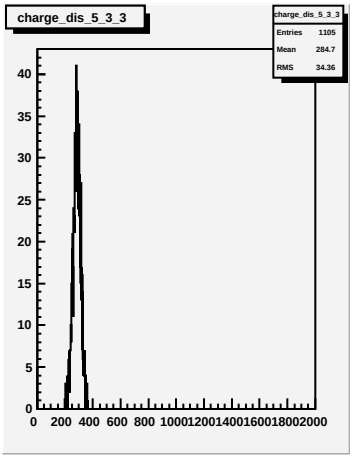
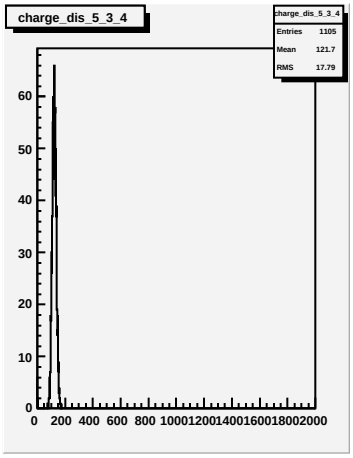
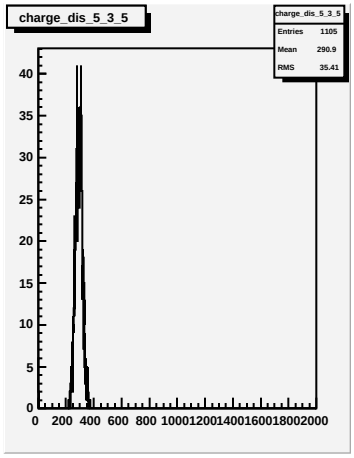
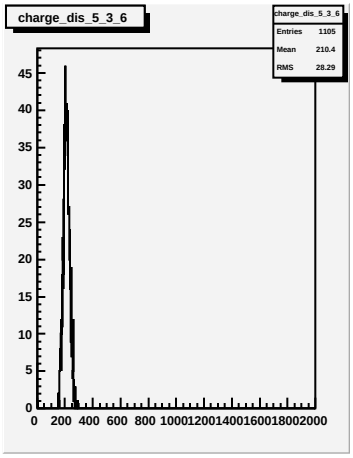
charge_dis_5_3_1
Entries 1105
Mean 283.6
RMS 37.88

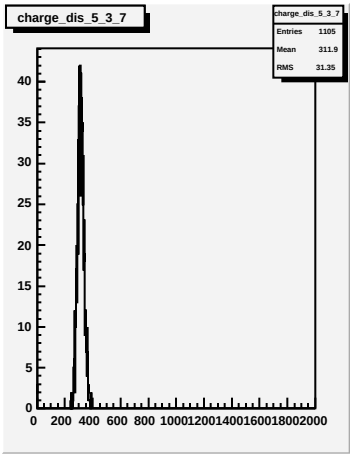

charge_dis_5_3_2
charge_dis_5_3_2
Entries 1105
Mean 129.8
RMS 19.71

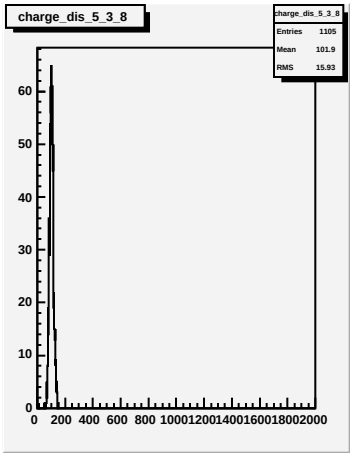

charge_dis_5_3_3
charge_dis_5_3_3
Entries 1105
Mean 284.7
RMS 34.36

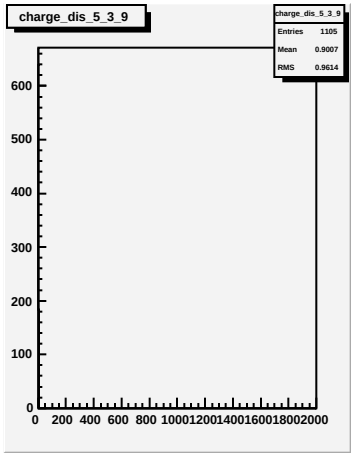

charge_dis_5_3_4
charge_dis_5_3_4
Entries 1105
Mean 121.7
RMS 17.79

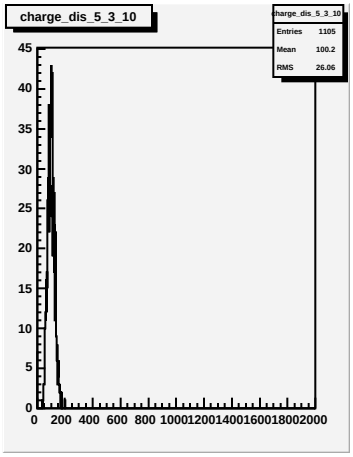

charge_dis_5_3_5
charge_dis_5_3_5
Entries 1105
Mean 290.9
RMS 35.41


charge_dis_5_3_6
charge_dis_5_3_6
Entries 1105
Mean 210.4
RMS 28.29


charge_dis_5_3_7
charge_dis_5_3_7
Entries 1105
Mean 311.9
RMS 31.35


charge_dis_5_3_8
charge_dis_5_3_8
Entries 1105
Mean 101.9
RMS 15.93


charge_dis_5_3_9
charge_dis_5_3_9
Entries 1105
Mean 0.9007
RMS 0.9614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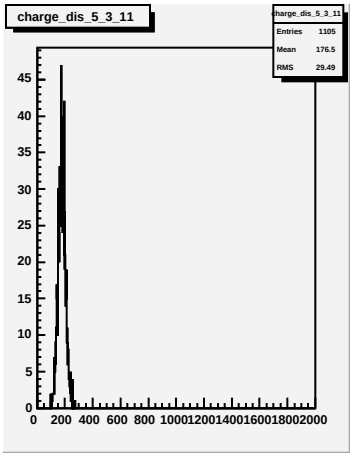
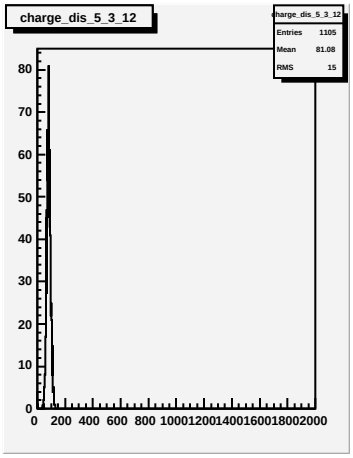
charge_dis_5_3_10
Entries 1105
Mean 100.2
RMS 26.06


charge_dis_5_3_11
charge_dis_5_3_11
Entries 1105
Mean 176.5
RMS 29.49


charge_dis_5_3_12
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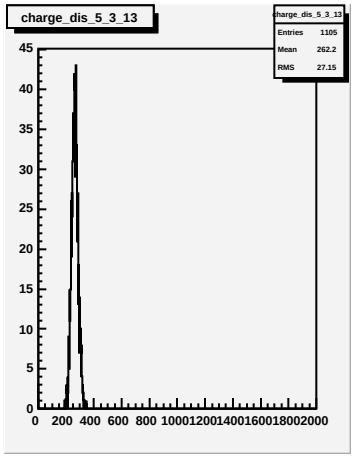
Entries 1105
Mean 81.08
RMS 15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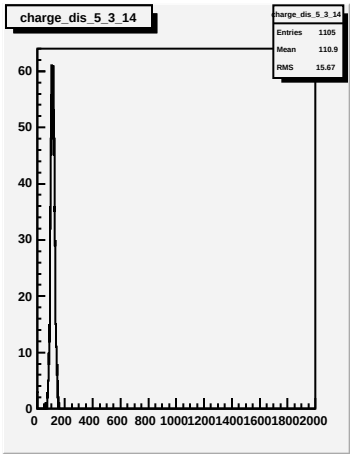
Entries 1105
Mean 262.2
RMS 27.15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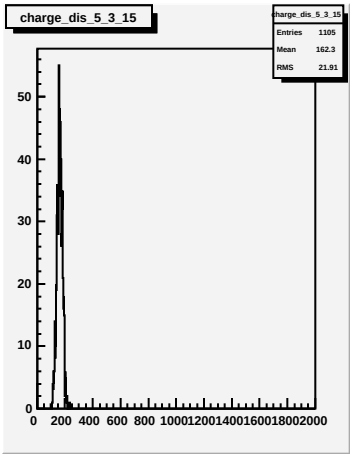
charge_dis_5_3_14
Entries 1105
Mean 110.9
RMS 15.67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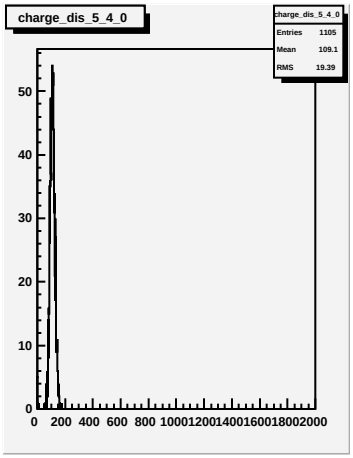
charge_dis_5_3_15
Entries 1105
Mean 162.3
RMS 21.91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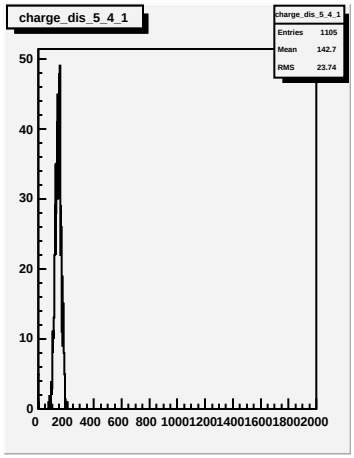
Entries 1105
Mean 109.1
RMS 19.39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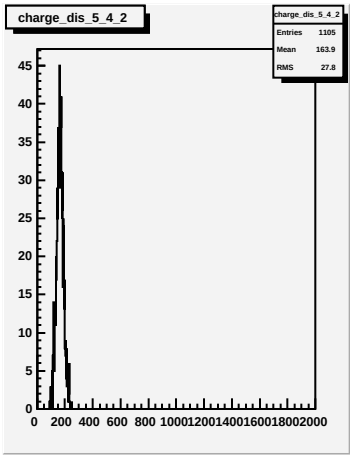
charge_dis_5_4_1
Entries 1105
Mean 142.7
RMS 23.74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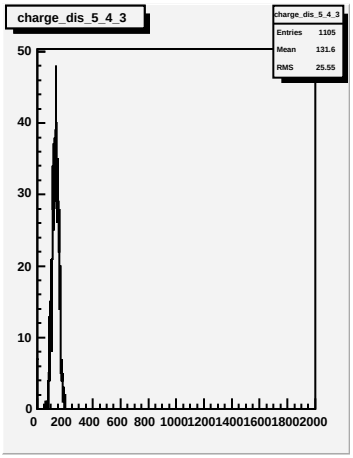
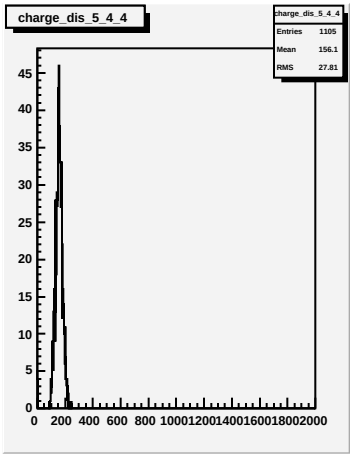
charge_dis_5_4_2
Entries 1105
Mean 163.9
RMS 27.8


charge_dis_5_4_3
charge_dis_5_4_3
Entries 1105
Mean 131.6
RMS 25.55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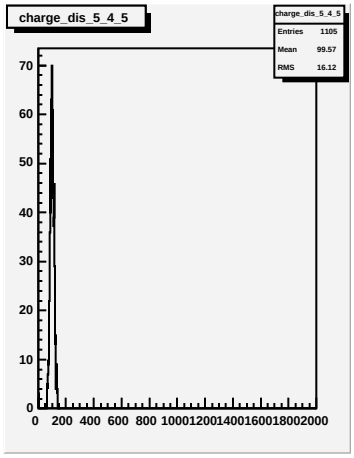
Entries 1105
Mean 156.1
RMS 27.81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Entries 1105
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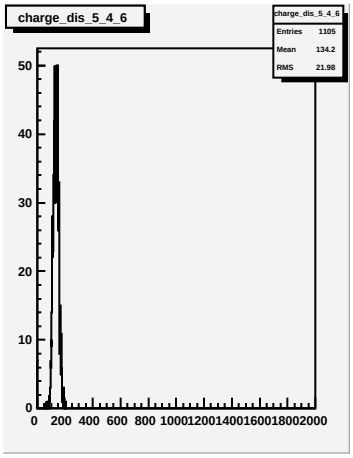
RMS 16.12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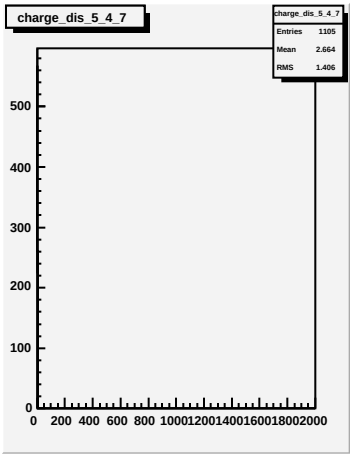
charge_dis_5_4_6
Entries 1105
Mean 134.2
RMS 21.98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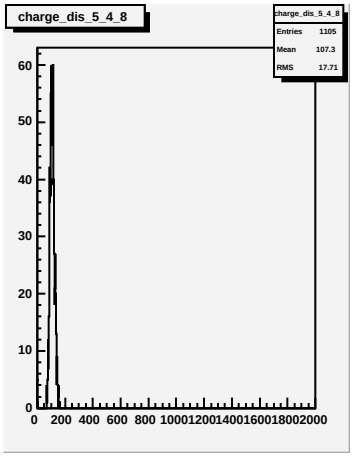
charge_dis_5_4_7
Entries 1105
Mean 2.664
RMS 1.406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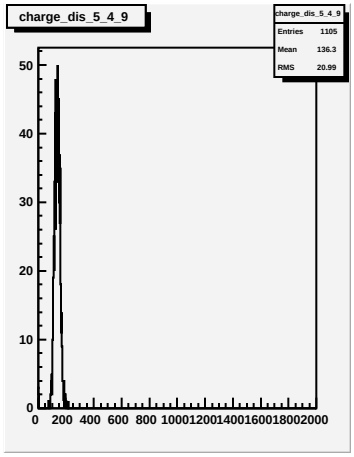
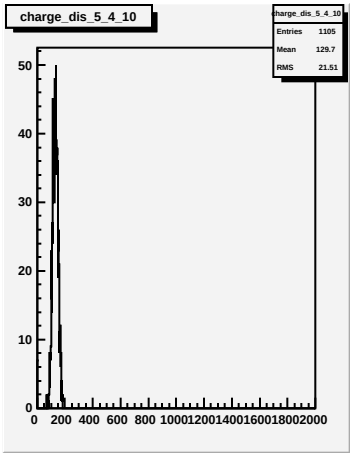
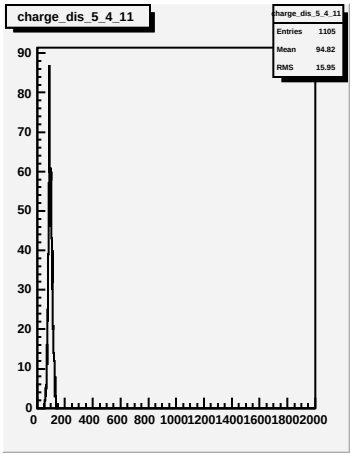
charge_dis_5_4_8
Entries 1105
Mean 107.3
RMS 17.71


charge_dis_5_4_9
charge_dis_5_4_9
Entries 1105
Mean 136.3
RMS 20.99


charge_dis_5_4_10
charge_dis_5_4_10
Entries 1105
Mean 129.7
RMS 21.51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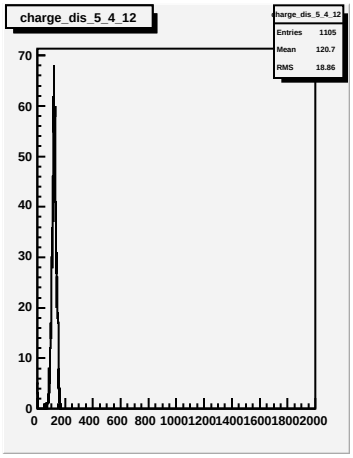
charge_dis_5_4_11
Entries 1105
Mean 94.82
RMS 15.95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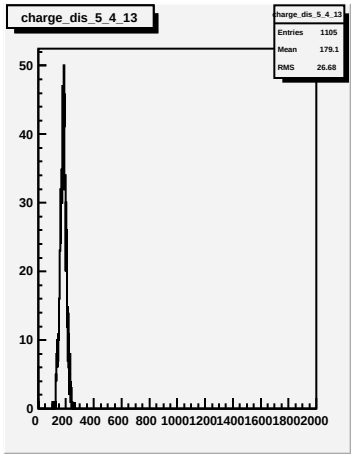
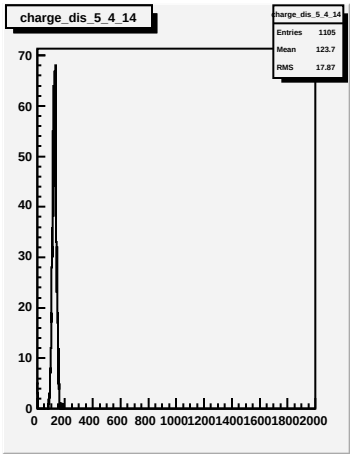
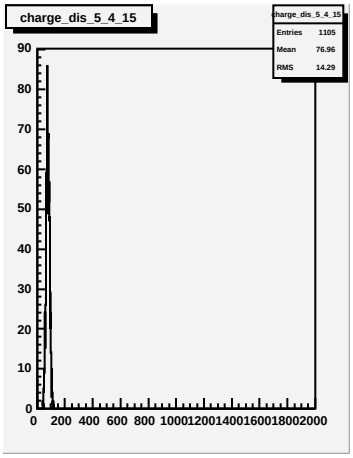
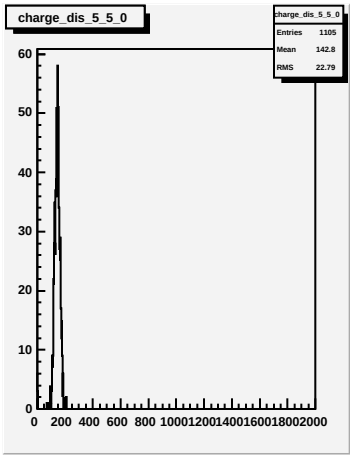
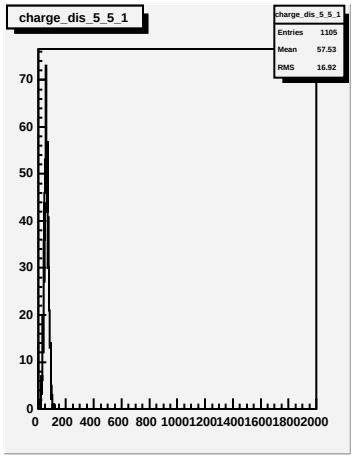
charge_dis_5_4_12
Entries 1105
Mean 120.7
RMS 18.86

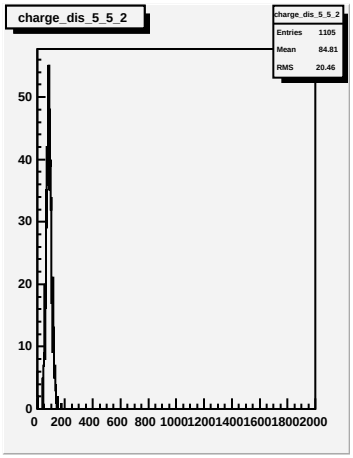

charge_dis_5_4_13
charge_dis_5_4_13
Entries 1105
Mean 179.1
RMS 26.68

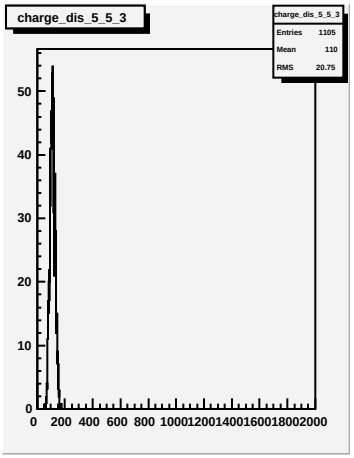

charge_dis_5_4_14
charge_dis_5_4_14
Entries 1105
Mean 123.7
RMS 17.87

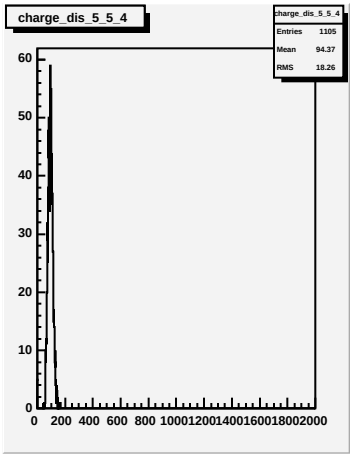

charge_dis_5_4_15
charge_dis_5_4_15
Entries 1105
Mean 76.96
RMS 14.29


charge_dis_5_5_0
charge_dis_5_5_0
Entries 1105
Mean 142.8
RMS 22.79


charge_dis_5_5_1
charge_dis_5_5_1
Entries 1105
Mean 57.53
RMS 16.92


charge_dis_5_5_2
charge_dis_5_5_2
Entries 1105
Mean 84.81
RMS 20.46


charge_dis_5_5_3
charge_dis_5_5_3
Entries 1105
Mean 110
RMS 20.75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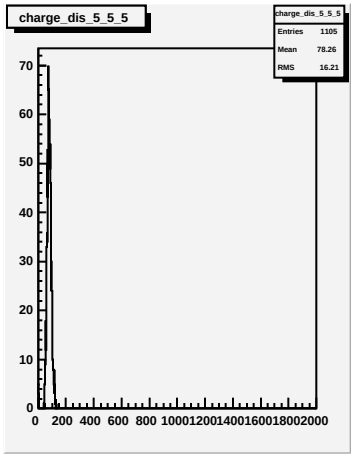
charge_dis_5_5_4
Entries 1105
Mean 94.37
RMS 18.26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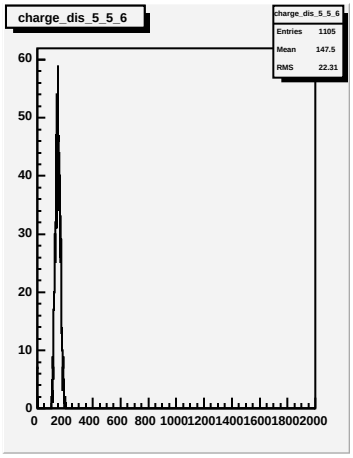
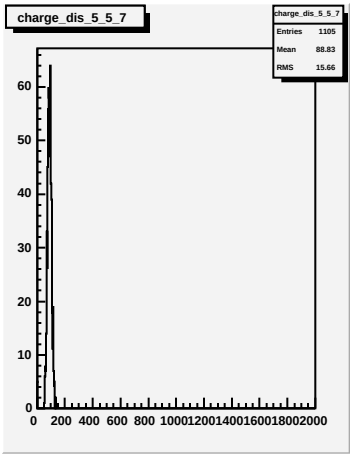
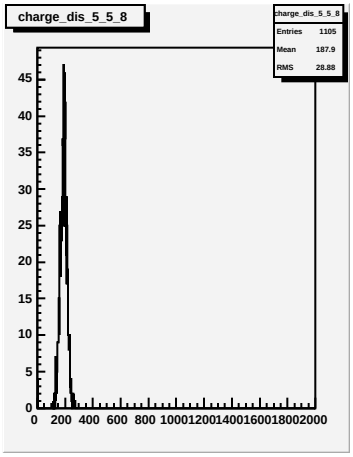
charge_dis_5_5_5
Entries 1105
Mean 78.26
RMS 16.21


charge_dis_5_5_6
charge_dis_5_5_6
Entries 1105
Mean 147.5
RMS 22.31


charge_dis_5_5_7
charge_dis_5_5_7
Entries 1105
Mean 88.83
RMS 15.66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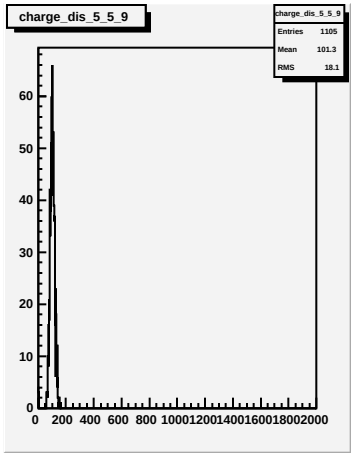
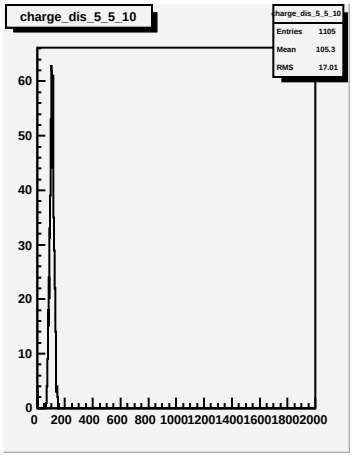
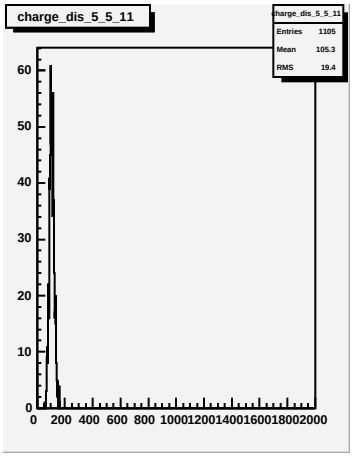
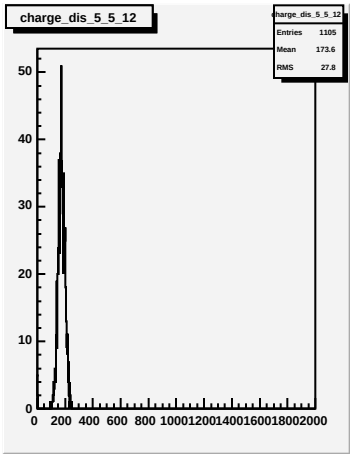
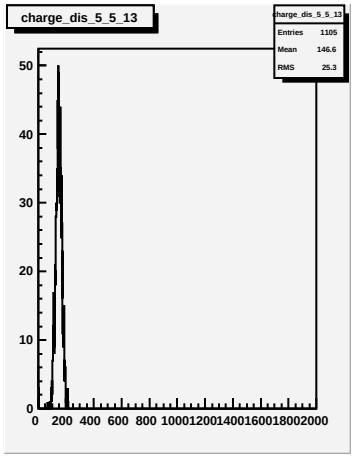
charge_dis_5_5_8
Entries 1105
Mean 187.9
RMS 28.88

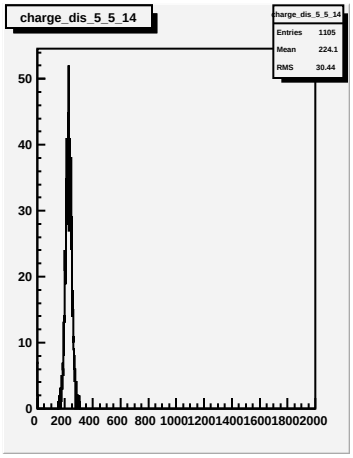

charge_dis_5_5_9
charge_dis_5_5_9
Entries 1105
Mean 101.3
RMS 18.1

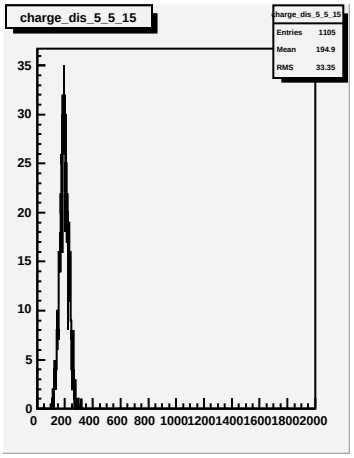

charge_dis_5_5_10
charge_dis_5_5_10
Entries 1105
Mean 105.3
RMS 17.01


charge_dis_5_5_11
charge_dis_5_5_11
Entries 1105
Mean 105.3
RMS 19.4


charge_dis_5_5_12
charge_dis_5_5_12
Entries 1105
Mean 173.6
RMS 27.8


charge_dis_5_5_13
charge_dis_5_5_13
Entries 1105
Mean 146.6
RMS 25.3


charge_dis_5_5_14
charge_dis_5_5_14
Entries 1105
Mean 224.1
RMS 30.44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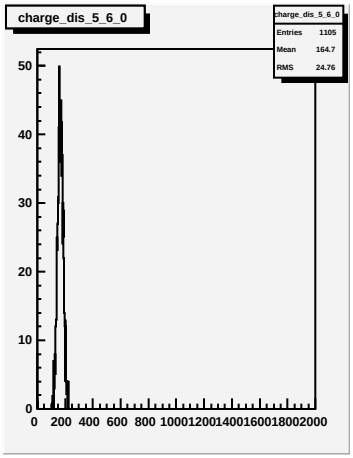
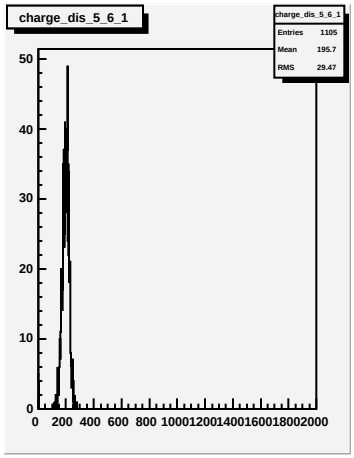
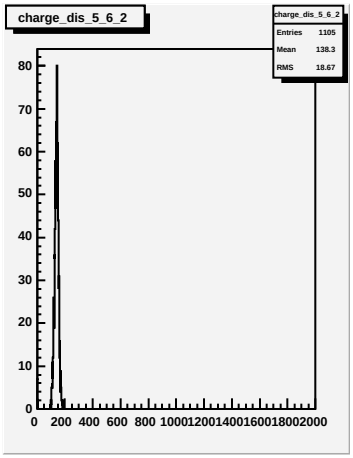
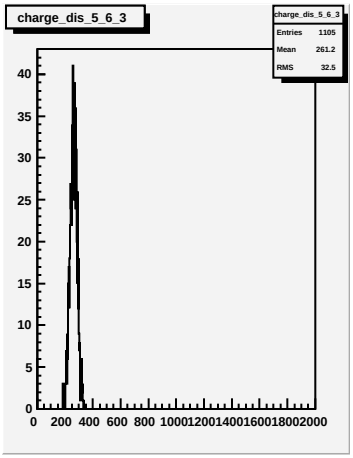
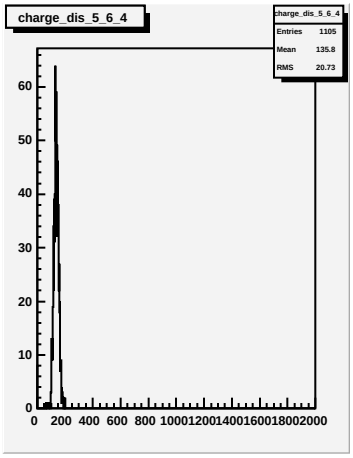
charge_dis_5_5_15
Entries 1105
Mean 194.9
RMS 33.35

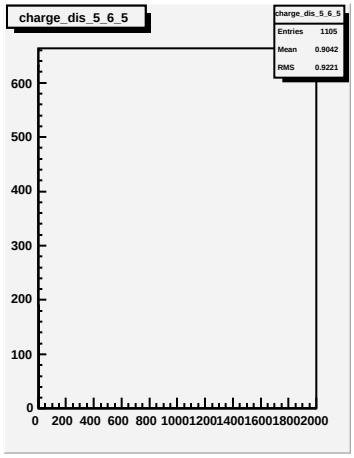

charge_dis_5_6_0
charge_dis_5_6_0
Entries 1105
Mean 164.7
RMS 24.76

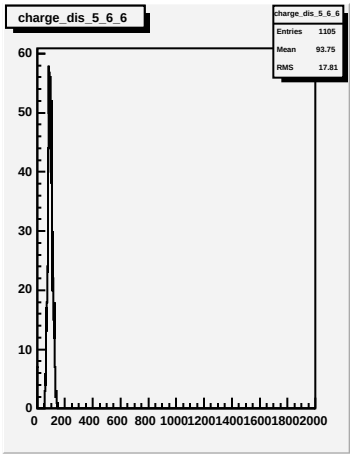

charge_dis_5_6_1
charge_dis_5_6_1
Entries 1105
Mean 195.7
RMS 29.47

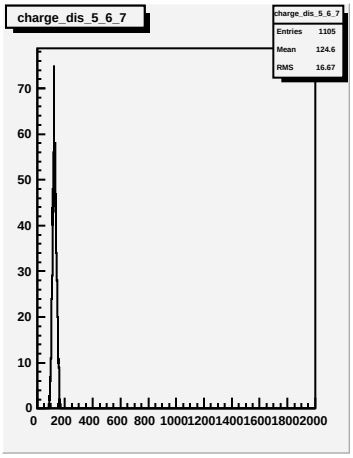

charge_dis_5_6_2
charge_dis_5_6_2
Entries 1105
Mean 138.3
RMS 18.67

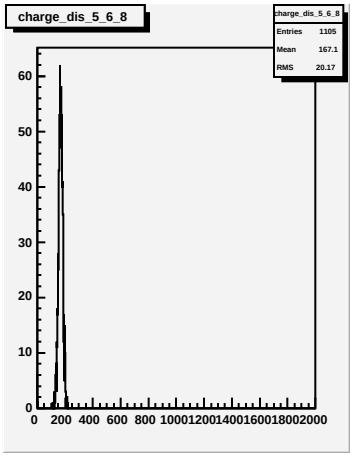

charge_dis_5_6_3
charge_dis_5_6_3
Entries 1105
Mean 261.2
RMS 32.5

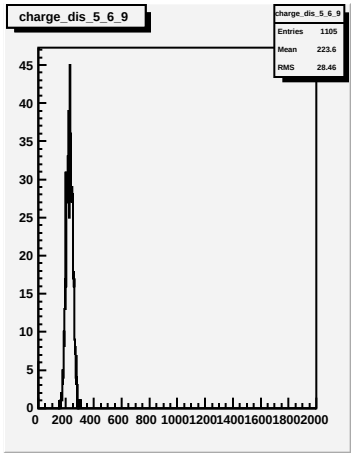

charge_dis_5_6_4
charge_dis_5_6_4
Entries 1105
Mean 135.8
RMS 20.73

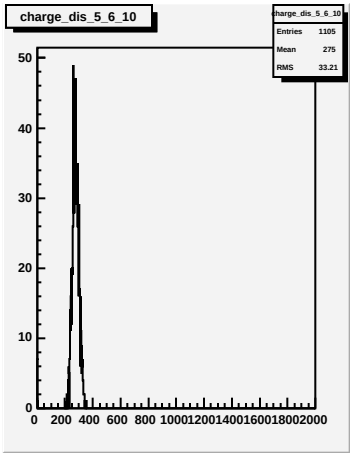

charge_dis_5_6_5
charge_dis_5_6_5
Entries 1105
Mean 0.9042
RMS 0.9221

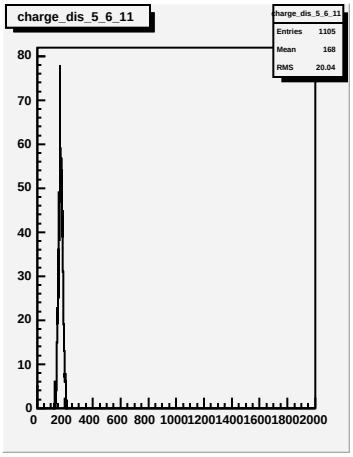

charge_dis_5_6_6
charge_dis_5_6_6
Entries 1105
Mean 93.75
RMS 17.81

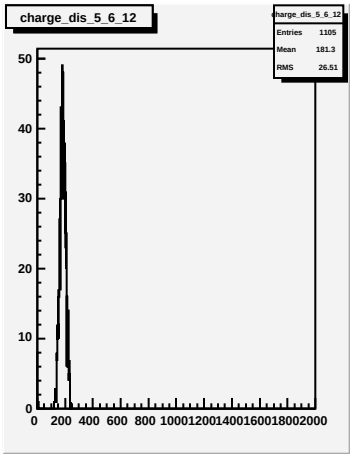

charge_dis_5_6_7
charge_dis_5_6_7
Entries 1105
Mean 124.6
RMS 16.67


charge_dis_5_6_8
charge_dis_5_6_8
Entries 1105
Mean 167.1
RMS 20.17


charge_dis_5_6_9
charge_dis_5_6_9
Entries 1105
Mean 223.6
RMS 28.46


charge_dis_5_6_10
charge_dis_5_6_10
Entries 1105
Mean 275
RMS 33.21


charge_dis_5_6_11
charge_dis_5_6_11
Entries 1105
Mean 168
RMS 20.04


charge_dis_5_6_12
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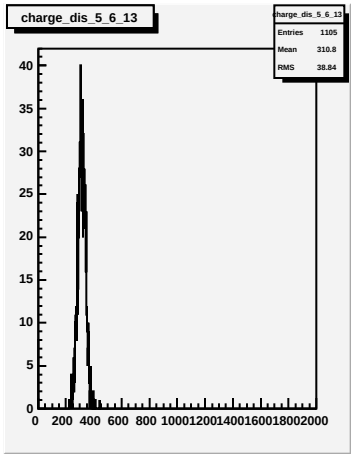
Entries 1105
Mean 181.3
RMS 26.51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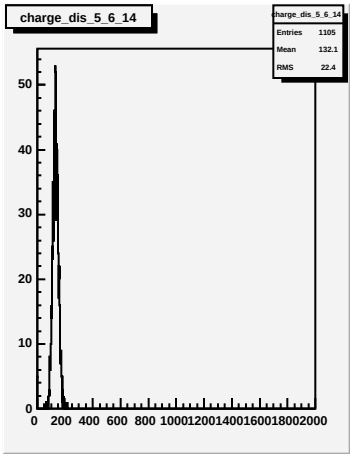
Entries 1105
Mean 310.8
RMS 38.84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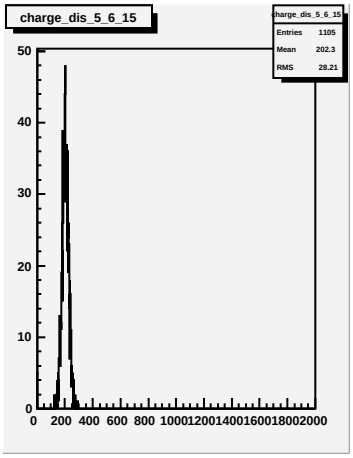
charge_dis_5_6_14
Entries 1105
Mean 132.1
RMS 22.4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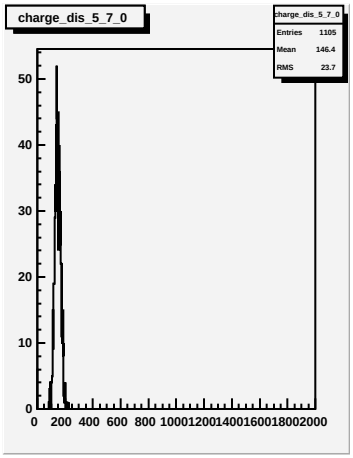
Entries 1105
Mean 202.3
RMS 28.21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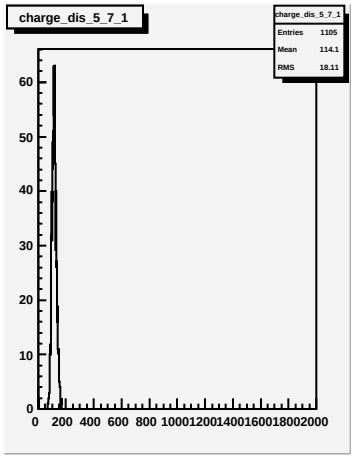
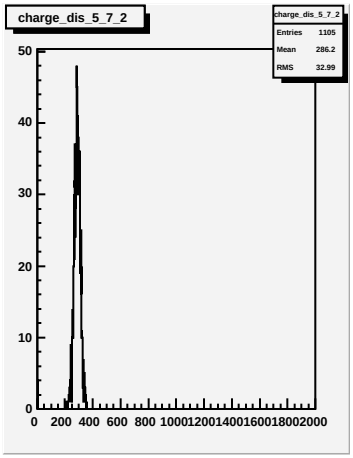
Entries 1105
Mean 146.4
RMS 23.7


charge_dis_5_7_1
charge_dis_5_7_1
Entries 1105
Mean 114.1
RMS 18.11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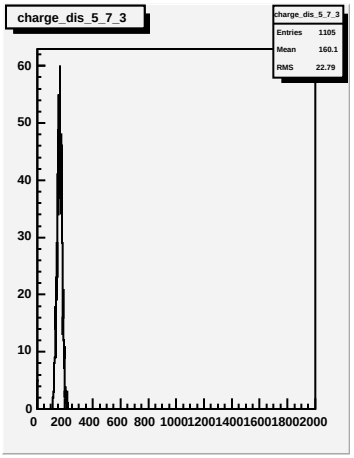
charge_dis_5_7_2
Entries 1105
Mean 286.2
RMS 32.99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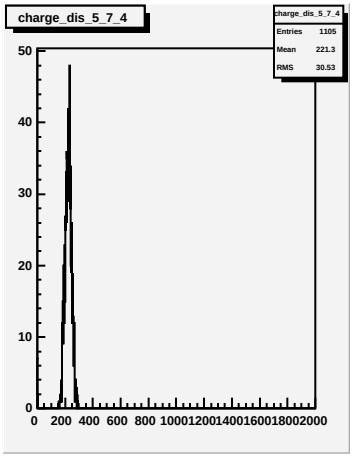
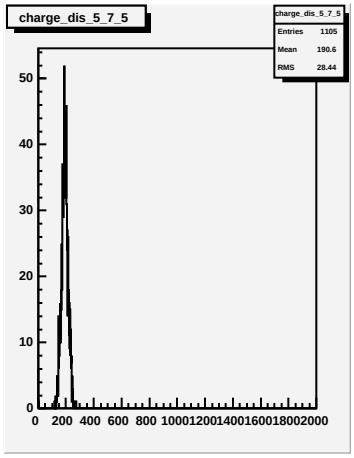
charge_dis_5_7_3
Entries 1105
Mean 160.1
RMS 22.79


charge_dis_5_7_4
charge_dis_5_7_4
Entries 1105
Mean 221.3
RMS 30.53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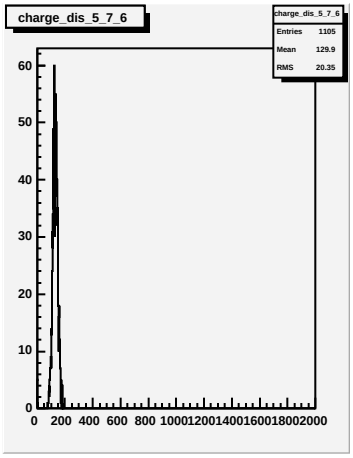
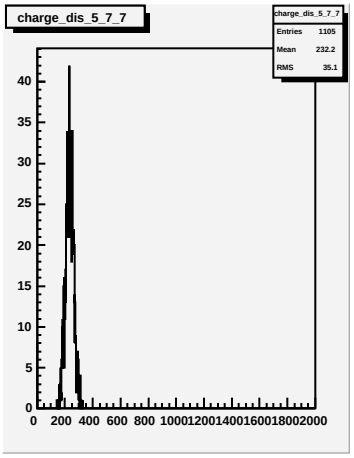
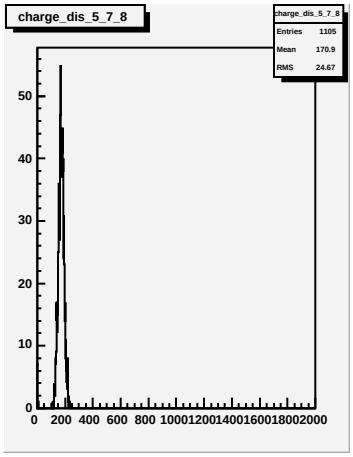
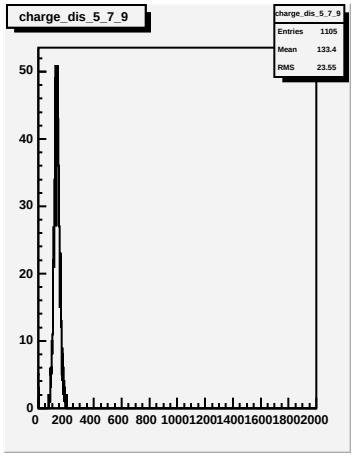
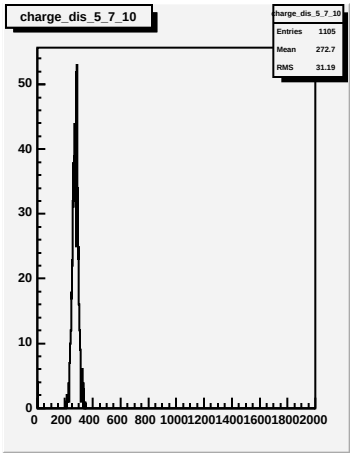
charge_dis_5_7_5
Entries 1105
Mean 190.6
RMS 28.44


charge_dis_5_7_6
charge_dis_5_7_6
Entries 1105
Mean 129.9
RMS 20.35


charge_dis_5_7_7
charge_dis_5_7_7
Entries 1105
Mean 232.2
RMS 35.1


charge_dis_5_7_8
charge_dis_5_7_8
Entries 1105
Mean 170.9
RMS 24.67


charge_dis_5_7_9
charge_dis_5_7_9
Entries 1105
Mean 133.4
RMS 23.55


charge_dis_5_7_10
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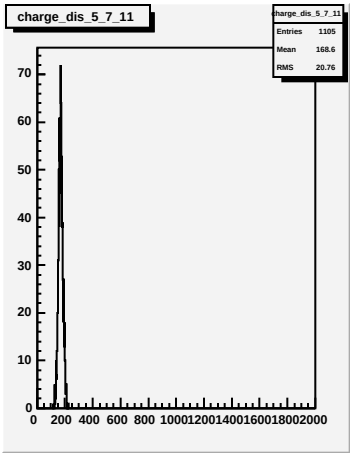
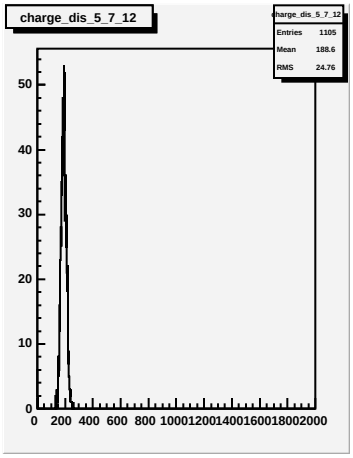
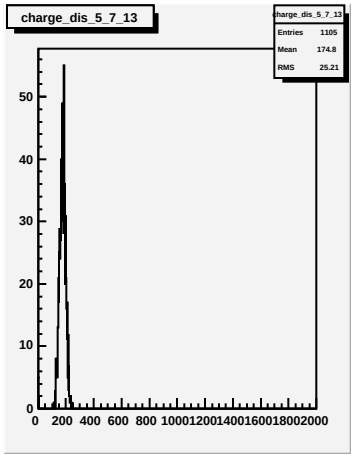
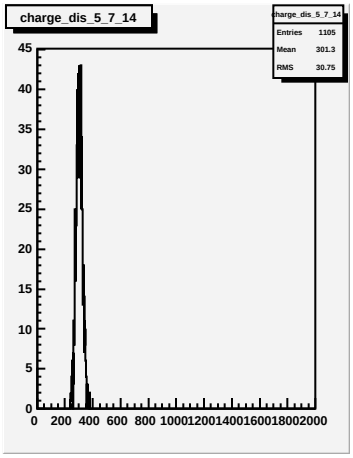
Entries 1105
Mean 272.7
RMS 31.19


charge_dis_5_7_11
charge_dis_5_7_11
Entries 1105
Mean 168.6
RMS 20.76


charge_dis_5_7_12
charge_dis_5_7_12
Entries 1105
Mean 188.6
RMS 24.76


charge_dis_5_7_13
charge_dis_5_7_13
Entries 1105
Mean 174.8
RMS 25.21


charge_dis_5_7_14
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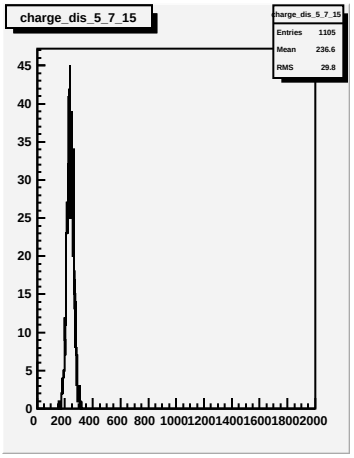
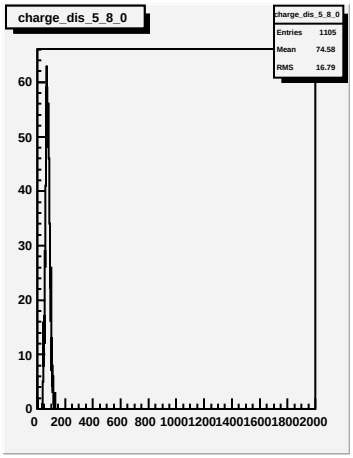
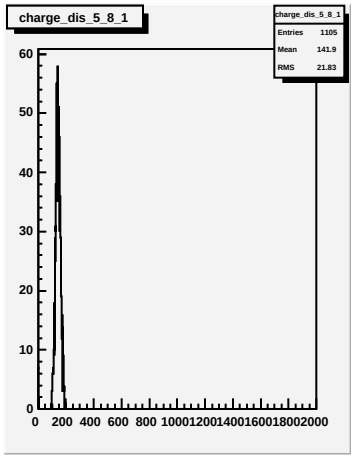
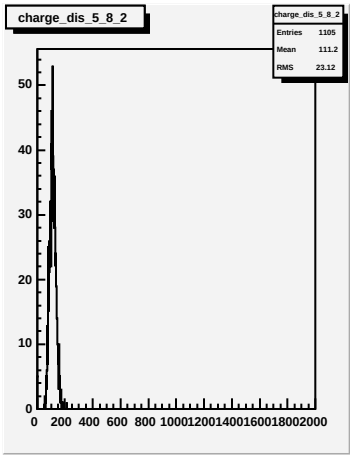
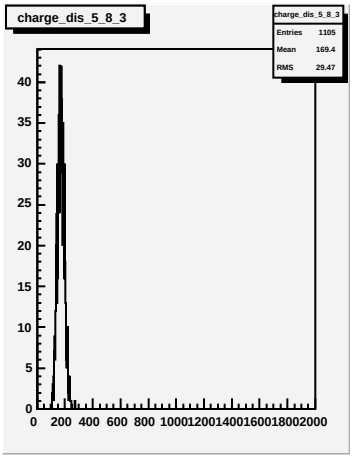
Entries 1105
Mean 301.3
RMS 30.75

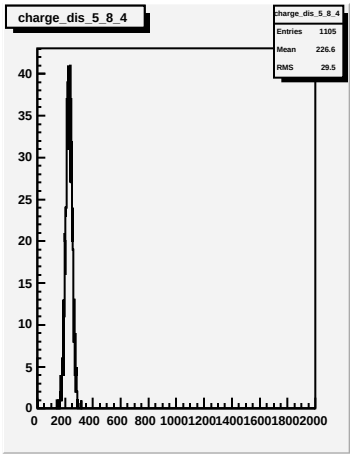

charge_dis_5_7_15
charge_dis_5_7_15
Entries 1105
Mean 236.6
RMS 29.8

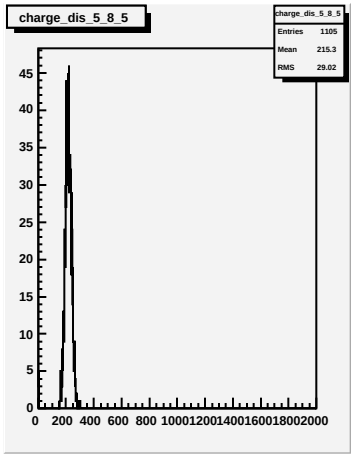

charge_dis_5_8_0
charge_dis_5_8_0
Entries 1105
Mean 74.58
RMS 16.79


charge_dis_5_8_1
charge_dis_5_8_1
Entries 1105
Mean 141.9
RMS 21.83


charge_dis_5_8_2
charge_dis_5_8_2
Entries 1105
Mean 111.2
RMS 23.12


charge_dis_5_8_3
charge_dis_5_8_3
Entries 1105
Mean 169.4
RMS 29.47


charge_dis_5_8_4
charge_dis_5_8_4
Entries 1105
Mean 226.6
RMS 29.5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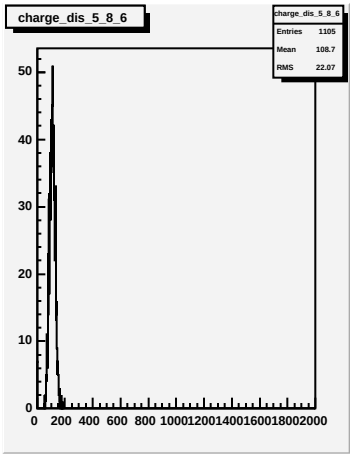
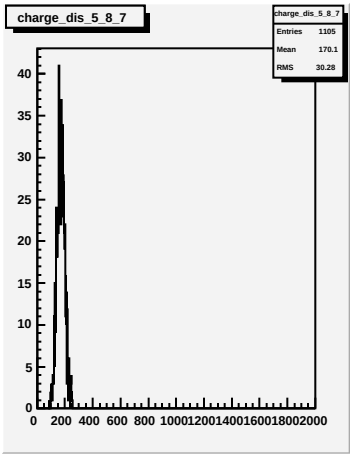
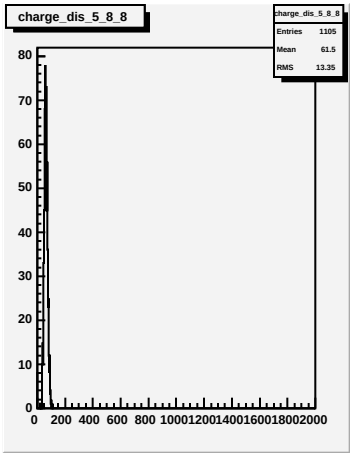
charge_dis_5_8_5
Entries 1105
Mean 215.3
RMS 29.02


charge_dis_5_8_6
charge_dis_5_8_6
Entries 1105
Mean 108.7
RMS 22.07


charge_dis_5_8_7
charge_dis_5_8_7
Entries 1105
Mean 170.1
RMS 30.28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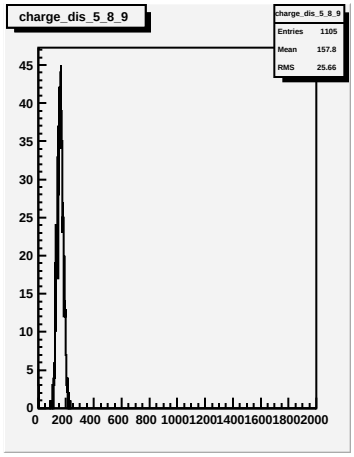
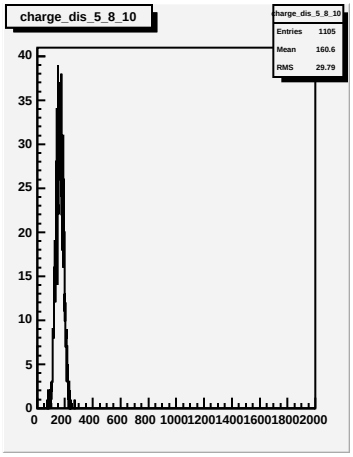
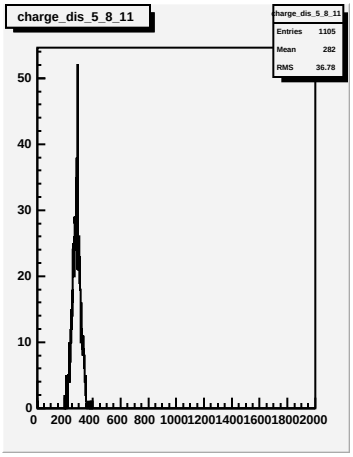
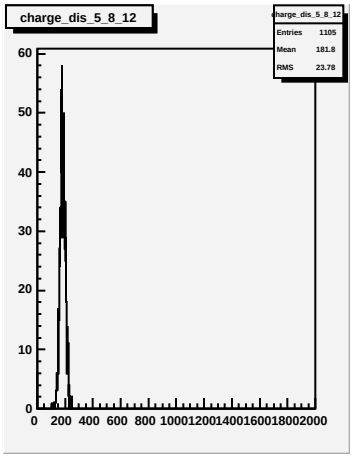
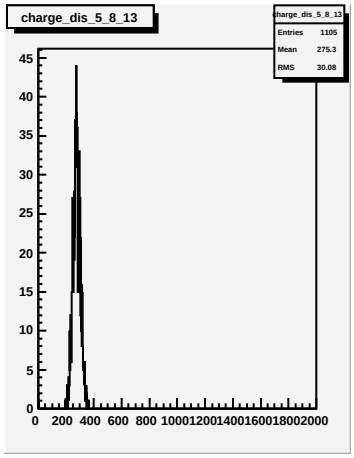
charge_dis_5_8_8
Entries 1105
Mean 61.5
RMS 13.35

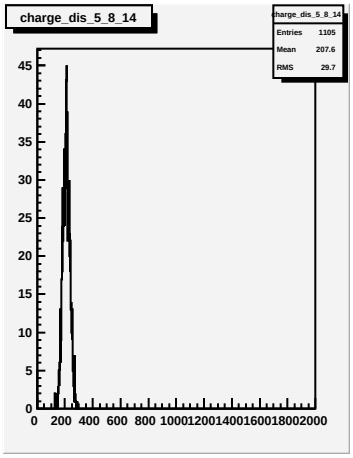

charge_dis_5_8_9
charge_dis_5_8_9
Entries 1105
Mean 157.8
RMS 25.66

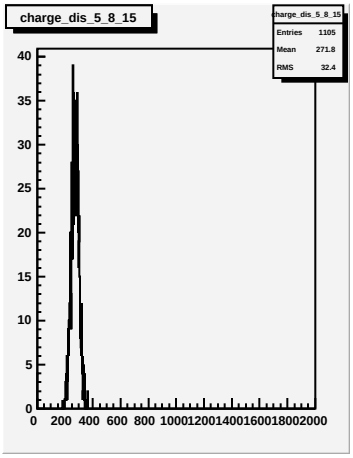

charge_dis_5_8_10
charge_dis_5_8_10
Entries 1105
Mean 160.6
RMS 29.79

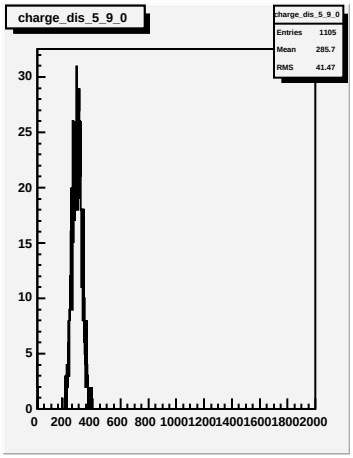

charge_dis_5_8_11
charge_dis_5_8_11
Entries 1105
Mean 282
RMS 36.78

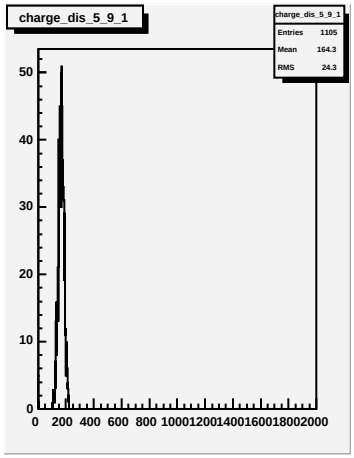

charge_dis_5_8_12
charge_dis_5_8_12
Entries 1105
Mean 181.8
RMS 23.78

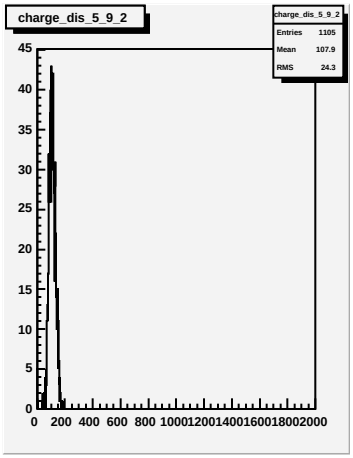

charge_dis_5_8_13
charge_dis_5_8_13
Entries 1105
Mean 275.3
RMS 30.08

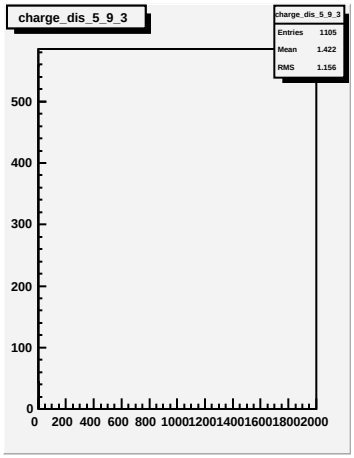

charge_dis_5_8_14
charge_dis_5_8_14
Entries 1105
Mean 207.6
RMS 29.7


charge_dis_5_8_15
charge_dis_5_8_15
Entries 1105
Mean 271.8
RMS 32.4


charge_dis_5_9_0
charge_dis_5_9_0
Entries 1105
Mean 285.7
RMS 41.47


charge_dis_5_9_1
charge_dis_5_9_1
Entries 1105
Mean 164.3
RMS 24.3


charge_dis_5_9_2
charge_dis_5_9_2
Entries 1105
Mean 107.9
RMS 24.3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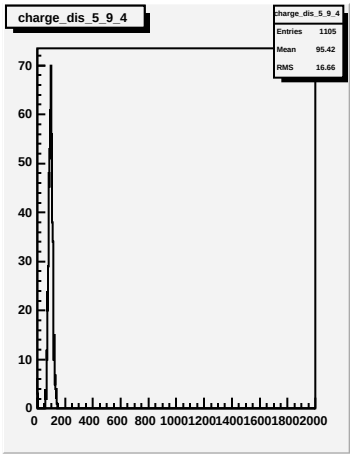
charge_dis_5_9_3
Entries 1105
Mean 1.422
RMS 1.156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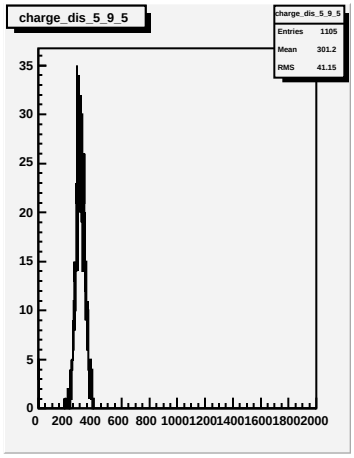
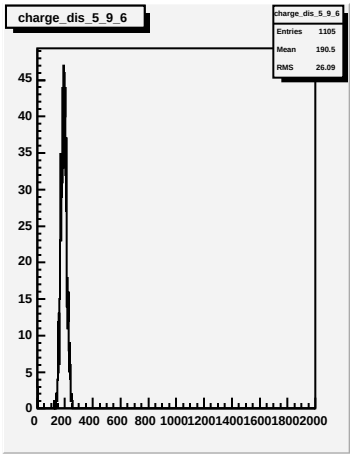
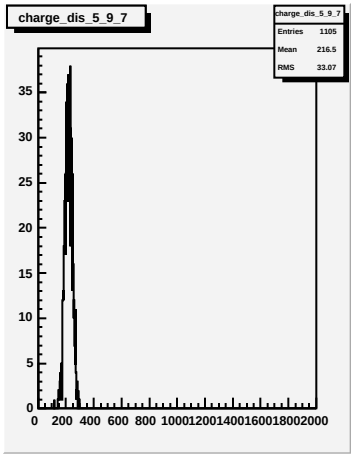
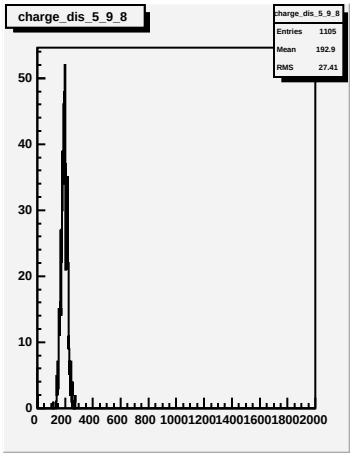
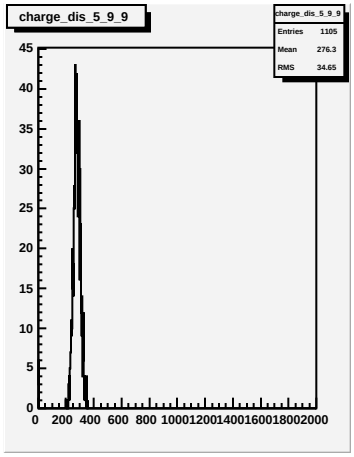
charge_dis_5_9_4
Entries 1105
Mean 95.42
RMS 16.66

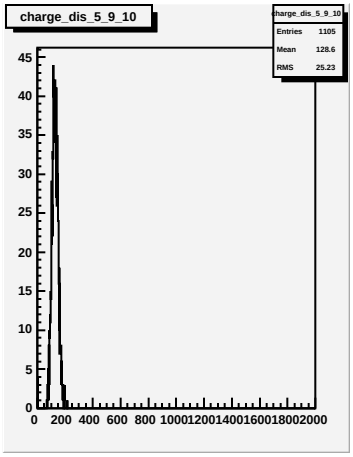

charge_dis_5_9_5
charge_dis_5_9_5
Entries 1105
Mean 301.2
RMS 41.15

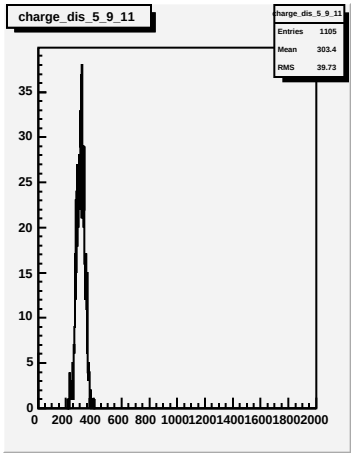

charge_dis_5_9_6
charge_dis_5_9_6
Entries 1105
Mean 190.5
RMS 26.09

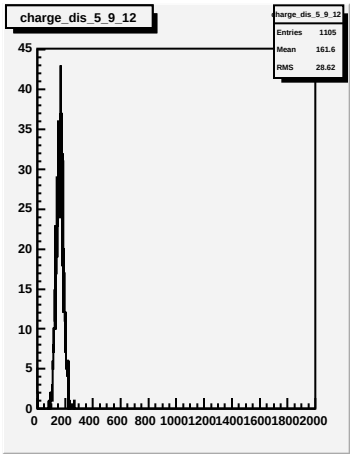

charge_dis_5_9_7
charge_dis_5_9_7
Entries 1105
Mean 216.5
RMS 33.07


charge_dis_5_9_8
charge_dis_5_9_8
Entries 1105
Mean 192.9
RMS 27.41


charge_dis_5_9_9
charge_dis_5_9_9
Entries 1105
Mean 276.3
RMS 34.65


charge_dis_5_9_10
charge_dis_5_9_10
Entries 1105
Mean 128.6
RMS 25.23


charge_dis_5_9_11
charge_dis_5_9_11
Entries 1105
Mean 303.4
RMS 39.73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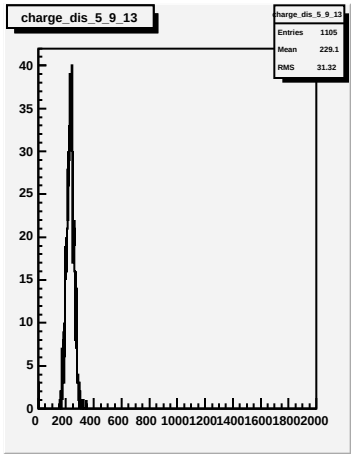
Entries 1105
Mean 161.6
RMS 28.62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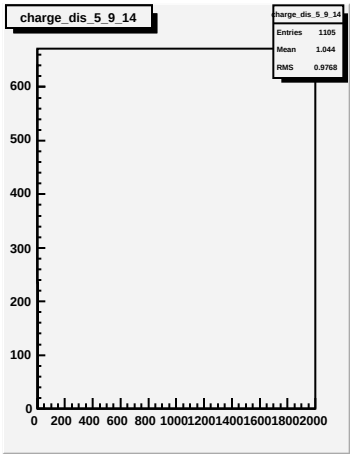
charge_dis_5_9_13
Entries 1105
Mean 229.1
RMS 31.32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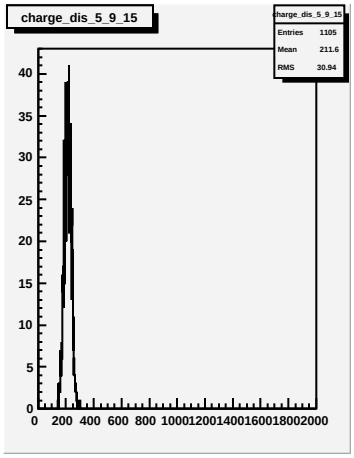
charge_dis_5_9_14
Entries 1105
Mean 1.044
RMS 0.9768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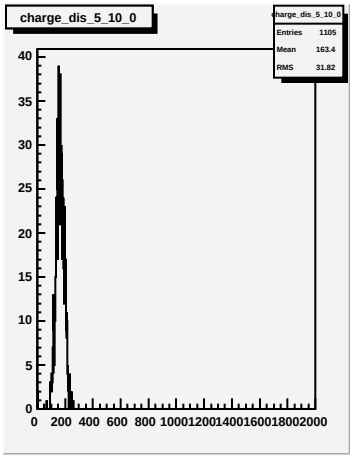
Entries 1105
Mean 211.6
RMS 30.94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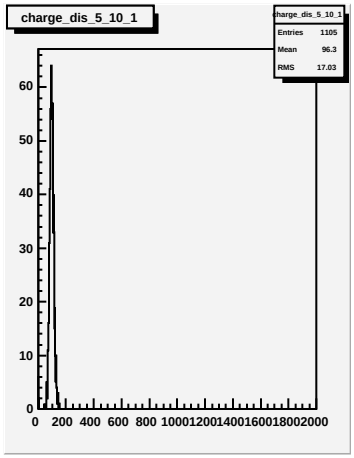
Entries 1105
Mean 163.4
RMS 31.82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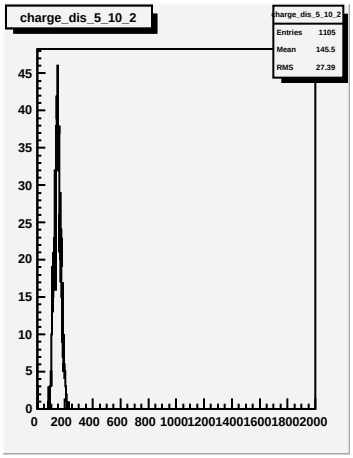
Entries 1105
Mean 96.3
RMS 17.03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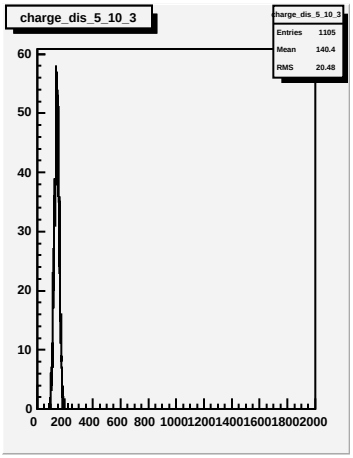
Entries 1105
Mean 145.5
RMS 27.39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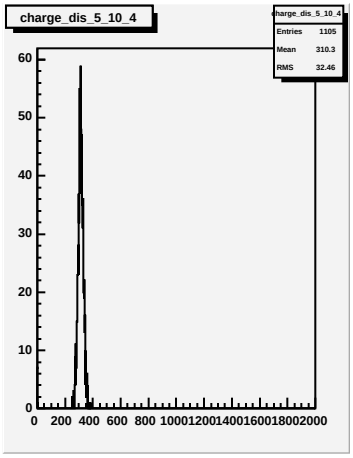
charge_dis_5_10_3
Entries 1105
Mean 140.4
RMS 20.48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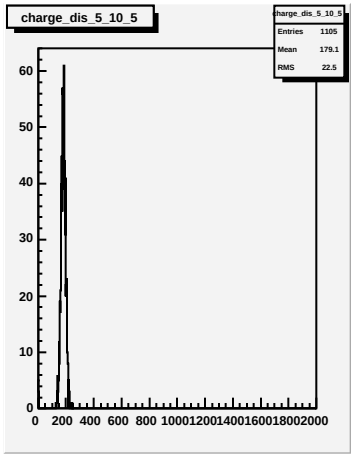
charge_dis_5_10_4
Entries 1105
Mean 310.3
RMS 32.46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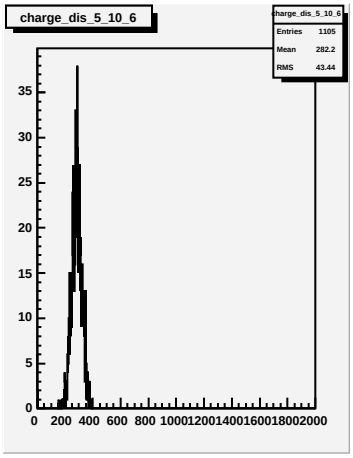
charge_dis_5_10_5
Entries 1105
Mean 179.1
RMS 22.5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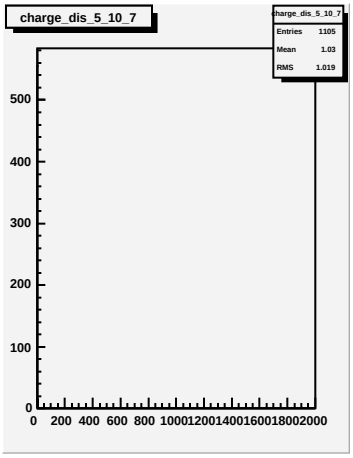
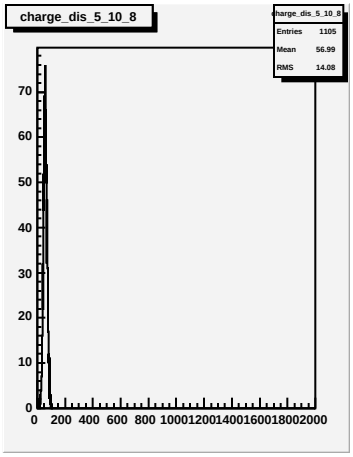
Entries 1105
Mean 282.2
RMS 43.44


charge_dis_5_10_7
charge_dis_5_10_7
Entries 1105
Mean 1.03
RMS 1.019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charge_dis_5_10_8
Entries 1105
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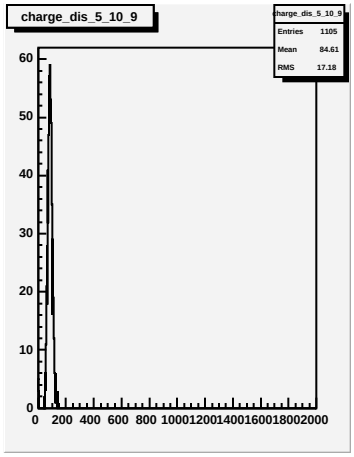
RMS 14.08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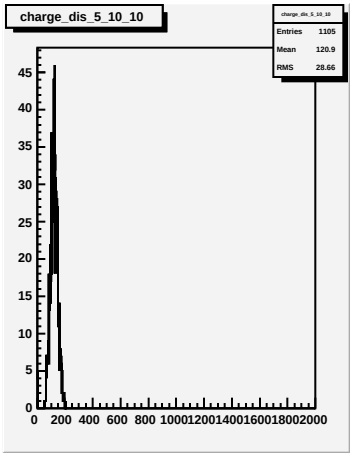
charge_dis_5_10_9
Entries 1105
Mean 84.61
RMS 17.18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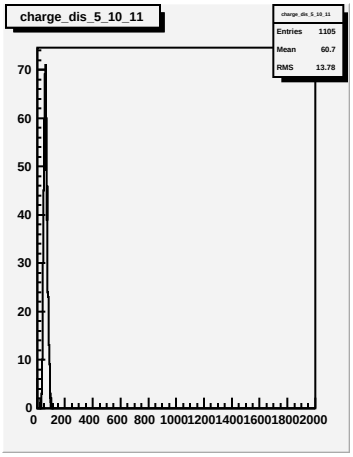
charge_dis_5_10_10
Entries 1105
Mean 120.9
RMS 28.66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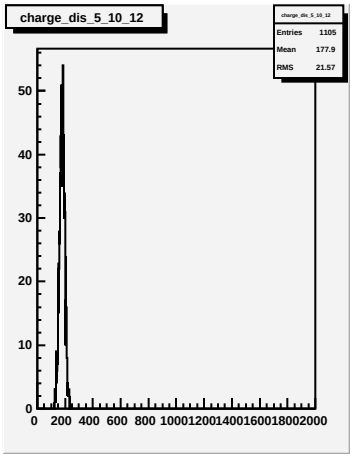
charge_dis_5_10_11
Entries 1105
Mean 60.7
RMS 13.78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Entries 1105
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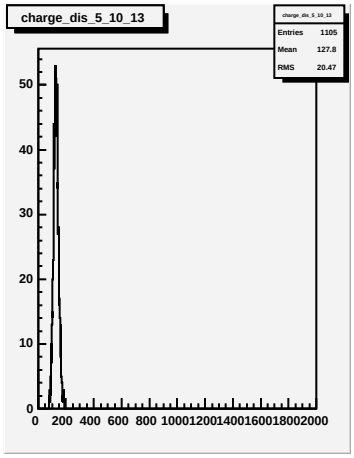
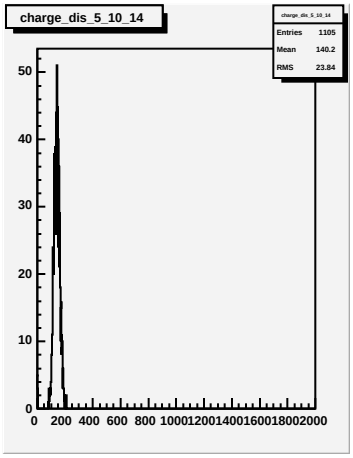
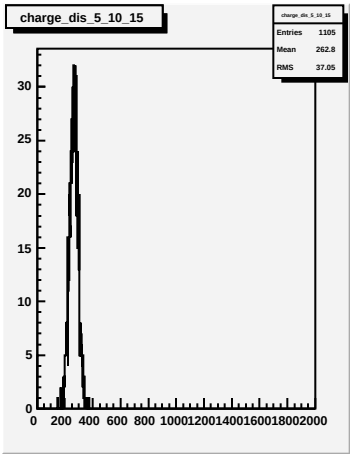
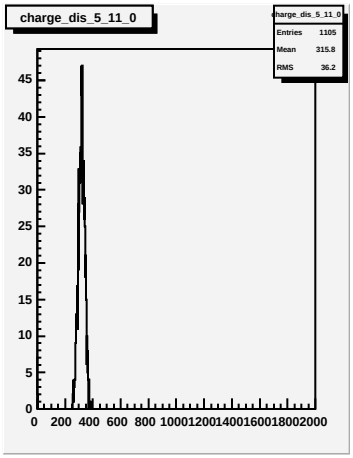
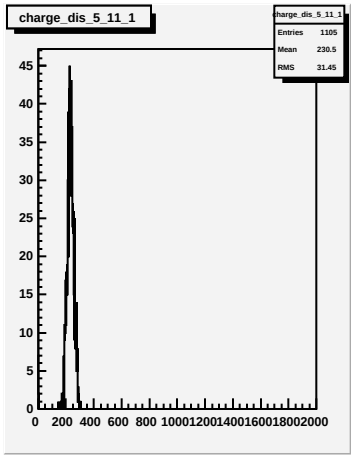
RMS 21.57

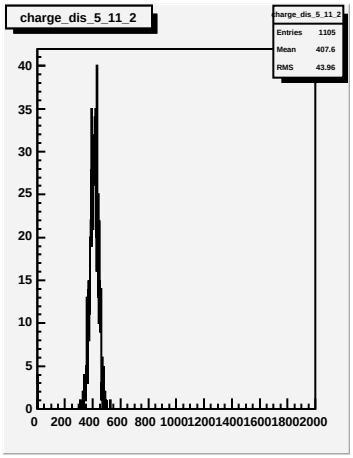

charge_dis_5_10_13
charge_dis_5_10_13
Entries 1105
Mean 127.8
RMS 20.47

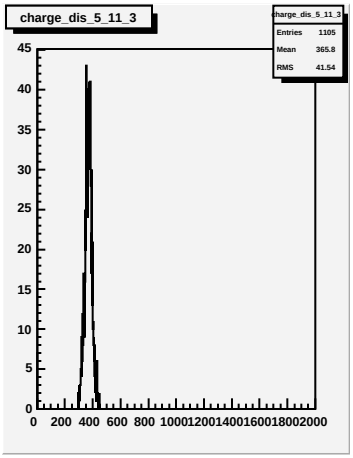

charge_dis_5_10_14
charge_dis_5_10_14
Entries 1105
Mean 140.2
RMS 23.84

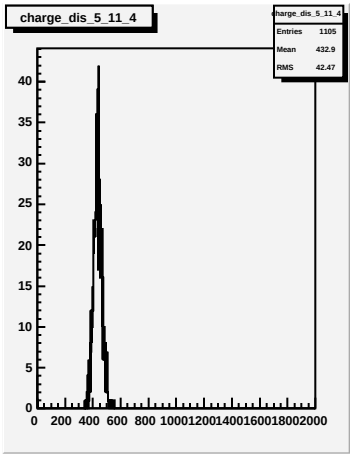

charge_dis_5_10_15
charge_dis_5_10_15
Entries 1105
Mean 262.8
RMS 37.05

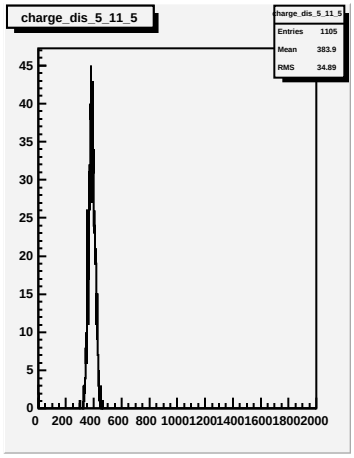

charge_dis_5_11_0
Entries 1105
Mean 315.8
RMS 36.2

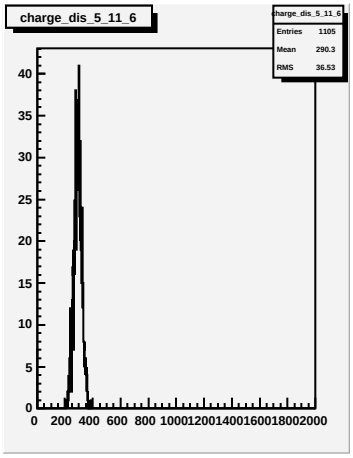

charge_dis_5_11_1
Entries 1105
Mean 230.5
RMS 31.45

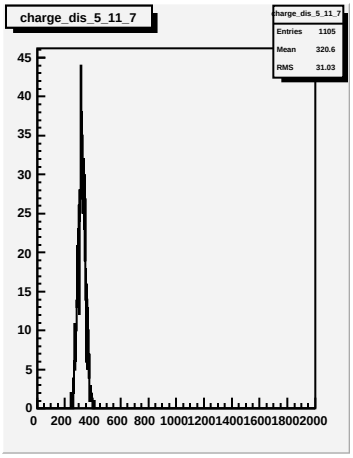

charge_dis_5_11_2
Entries 1105
Mean 407.6
RMS 43.96

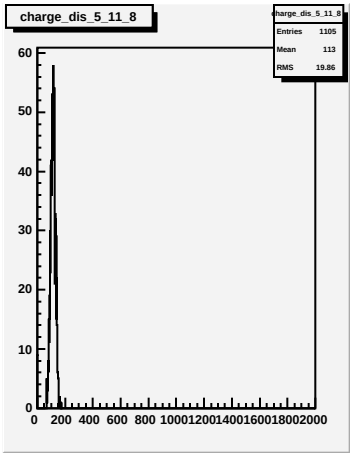

charge_dis_5_11_3
Entries 1105
Mean 365.8
RMS 41.54

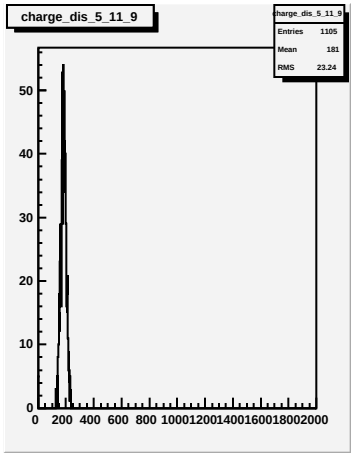

charge_dis_5_11_4
Entries 1105
Mean 432.9
RMS 42.47

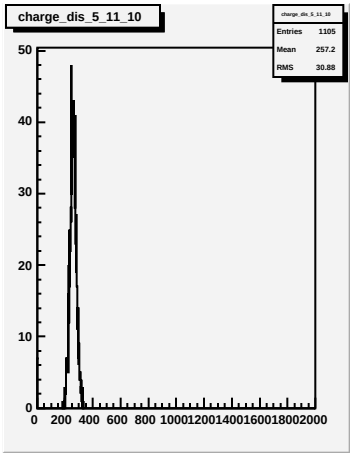

charge_dis_5_11_5
Entries 1105
Mean 383.9
RMS 34.89

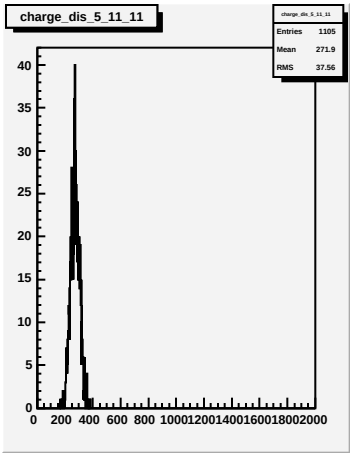

charge_dis_5_11_6
Entries 1105
Mean 290.3
RMS 36.53

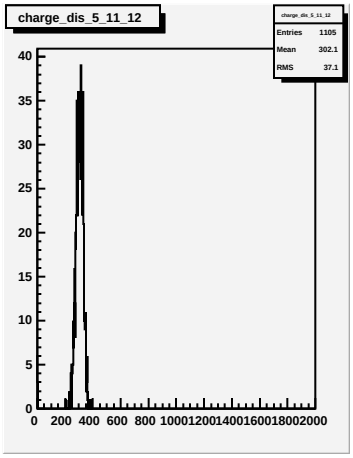

charge_dis_5_11_7
Entries 1105
Mean 320.6
RMS 31.03

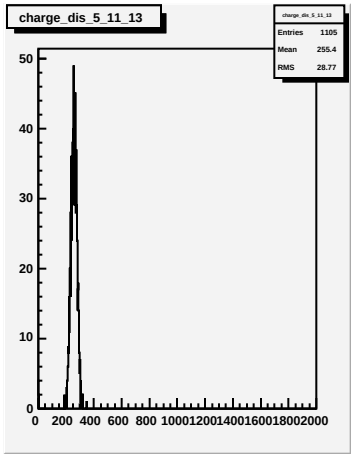

charge_dis_5_11_8
Entries 1105
Mean 113
RMS 19.86

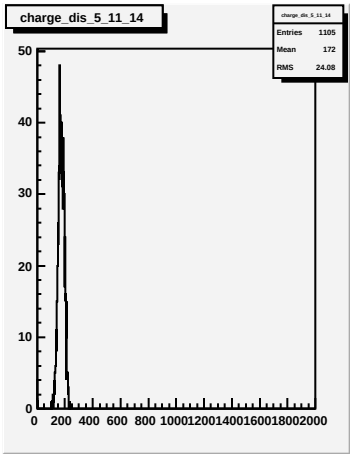

charge_dis_5_11_9
Entries 1105
Mean 181
RMS 23.24

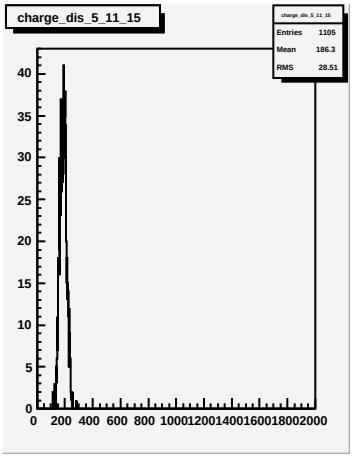

charge_dis_5_11_10
Entries 1105
Mean 257.2
RMS 30.88

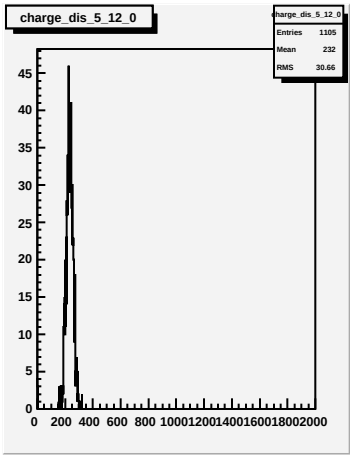

charge_dis_5_11_11
Entries 1105
Mean 271.9
RMS 37.56


charge_dis_5_11_12
Entries 1105
Mean 302.1
RMS 37.1


charge_dis_5_11_13
Entries 1105
Mean 255.4
RMS 28.77


charge_dis_5_11_14
Entries 1105
Mean 172
RMS 24.08


charge_dis_5_11_15
Entries 1105
Mean 186.3
RMS 28.51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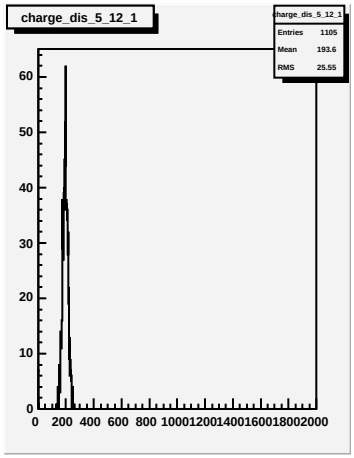
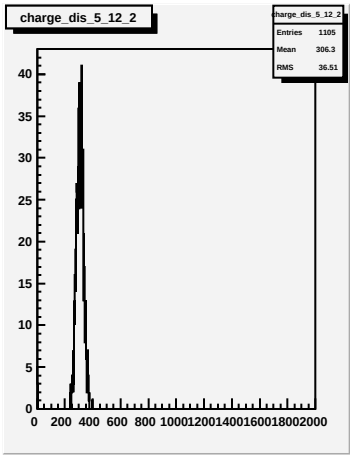
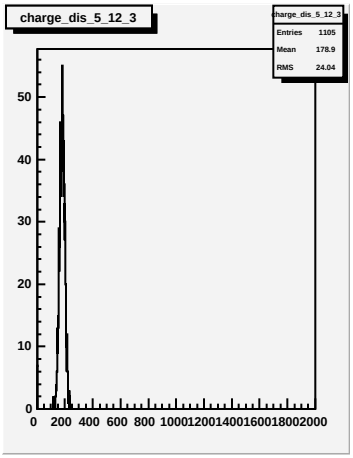
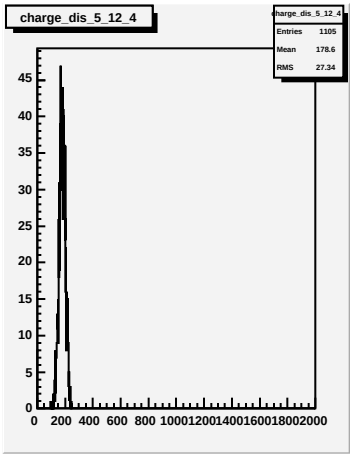
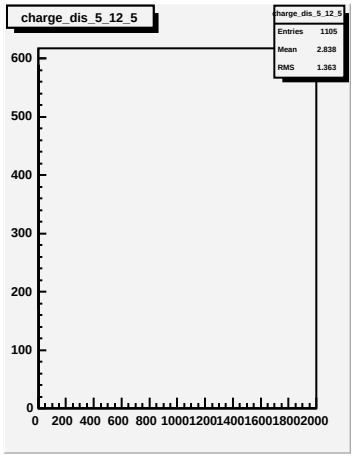
Entries 1105
Mean 232
RMS 30.66

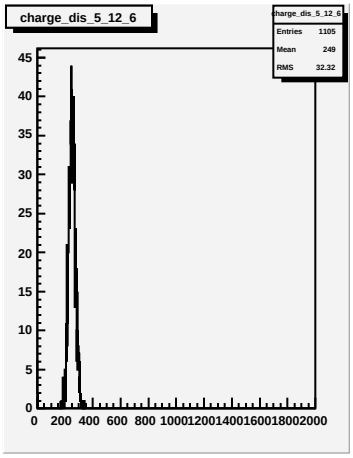

charge_dis_5_12_1
Entries 1105
Mean 193.6
RMS 25.55

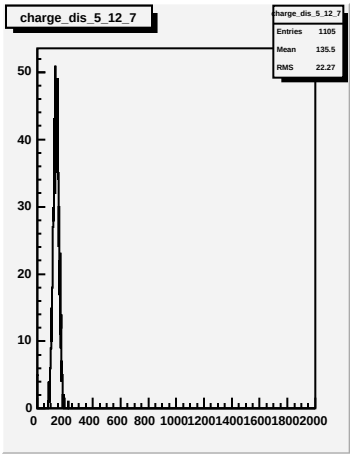

charge_dis_5_12_2
Entries 1105
Mean 306.3
RMS 36.51

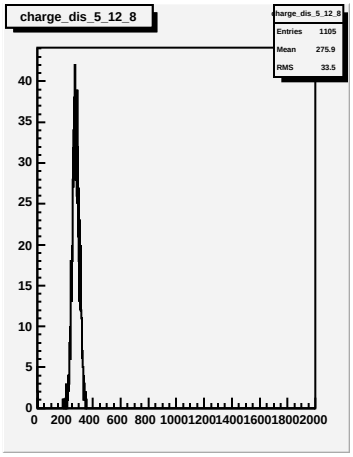

charge_dis_5_12_3
Entries 1105
Mean 178.9
RMS 24.04

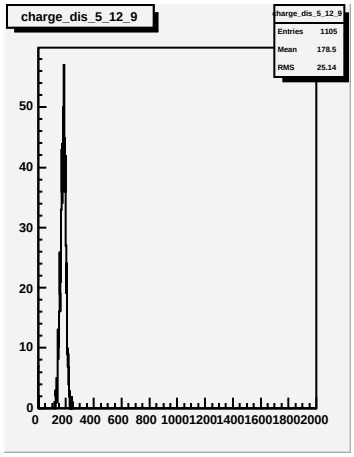

charge_dis_5_12_4
Entries 1105
Mean 178.6
RMS 27.34

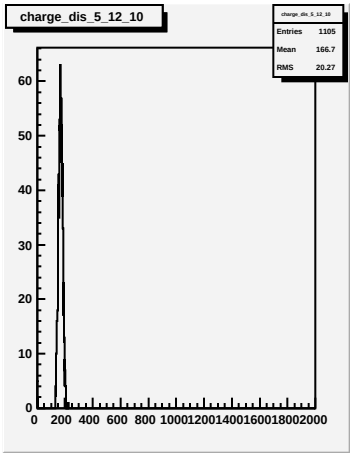

charge_dis_5_12_5
Entries 1105
Mean 2.838
RMS 1.363

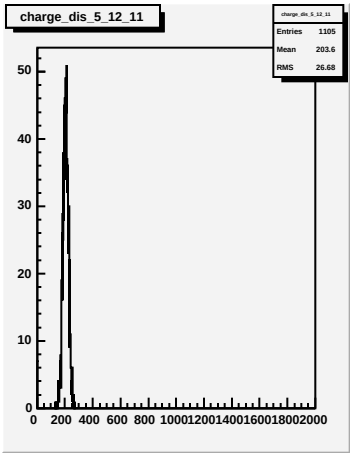

charge_dis_5_12_6
Entries 1105
Mean 249
RMS 32.32

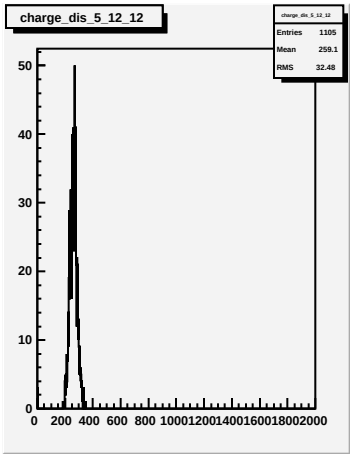

charge_dis_5_12_7
Entries 1105
Mean 135.5
RMS 22.27

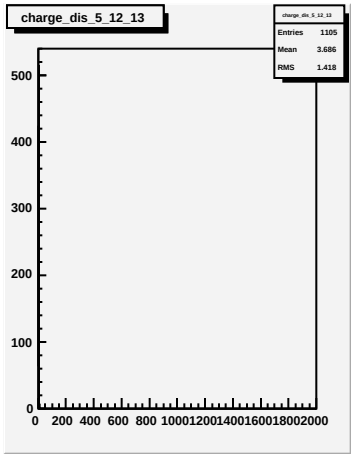

charge_dis_5_12_8
Entries 1105
Mean 275.9
RMS 33.5

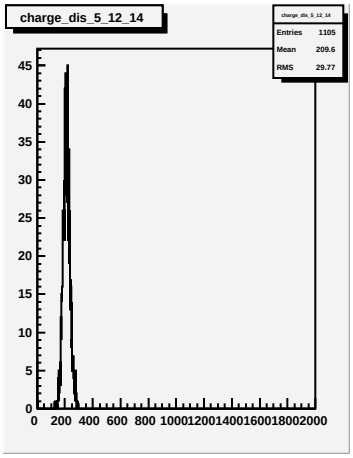

charge_dis_5_12_9
Entries 1105
Mean 178.5
RMS 25.14

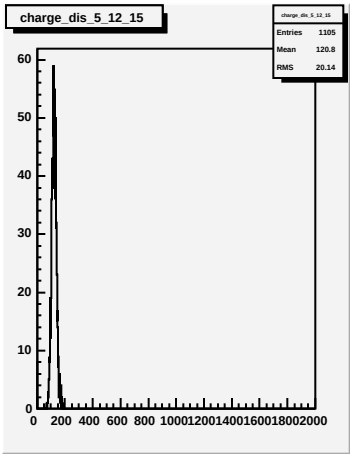

charge_dis_5_12_10
Entries 1105
Mean 166.7
RMS 20.27


charge_dis_5_12_11
Entries 1105
Mean 203.6
RMS 26.68


charge_dis_5_12_12
Entries 1105
Mean 259.1
RMS 32.48


charge_dis_5_12_13
Entries 1105
Mean 3.686
RMS 1.418


charge_dis_5_12_14
Entries 1105
Mean 209.6
RMS 29.77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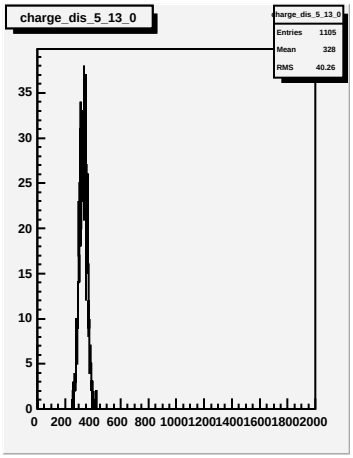
Entries 1105
Mean 120.8
RMS 20.14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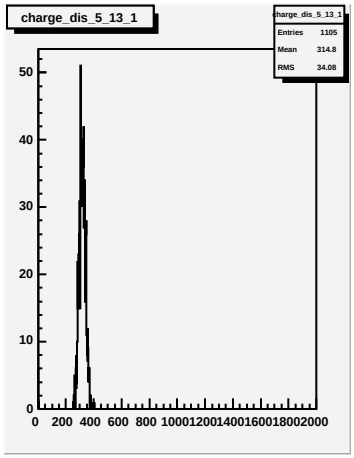
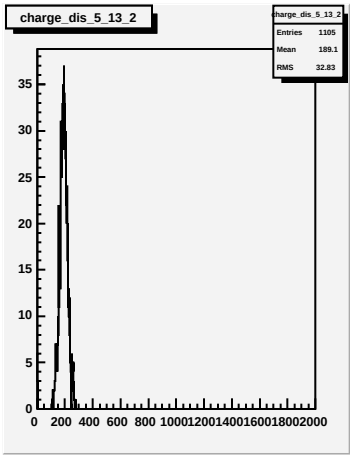
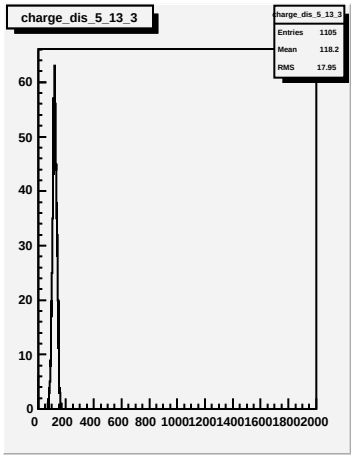
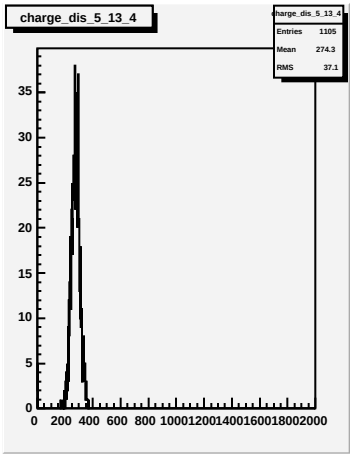
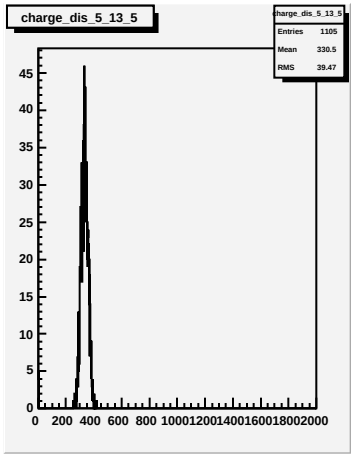
charge_dis_5_13_0
Entries 1105
Mean 328
RMS 40.26

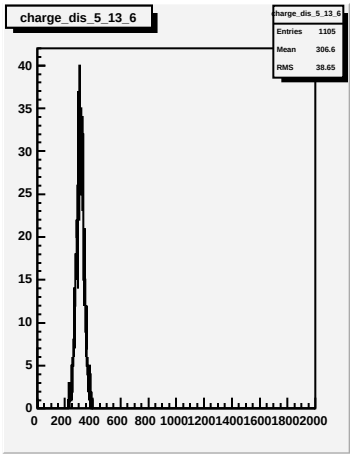

charge_dis_5_13_1
charge_dis_5_13_1
Entries 1105
Mean 314.8
RMS 34.08

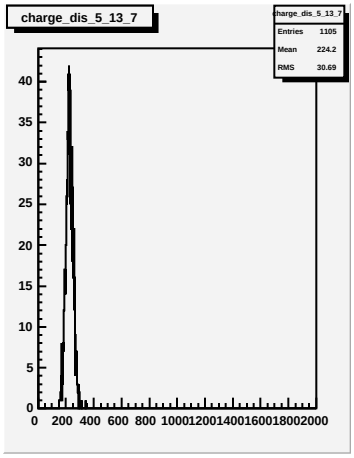

charge_dis_5_13_2
charge_dis_5_13_2
Entries 1105
Mean 189.1
RMS 32.83

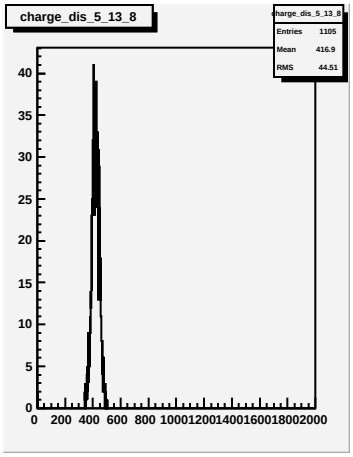

charge_dis_5_13_3
charge_dis_5_13_3
Entries 1105
Mean 118.2
RMS 17.95

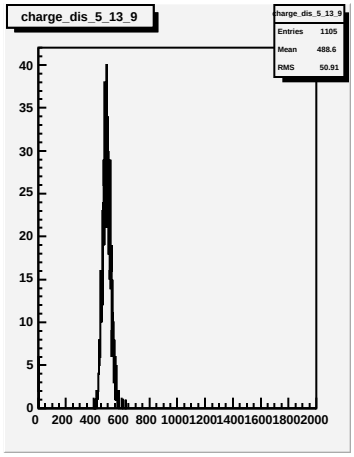

charge_dis_5_13_4
charge_dis_5_13_4
Entries 1105
Mean 274.3
RMS 37.1

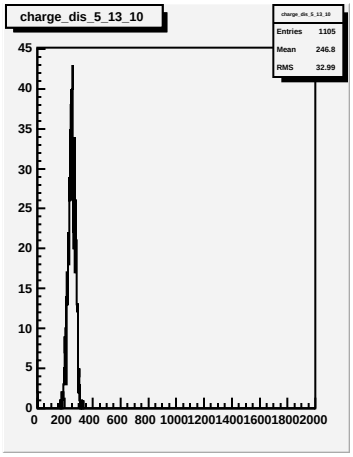

charge_dis_5_13_5
charge_dis_5_13_5
Entries 1105
Mean 330.5
RMS 39.47

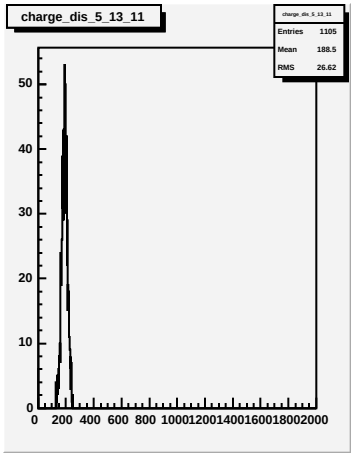

charge_dis_5_13_6
charge_dis_5_13_6
Entries 1105
Mean 306.6
RMS 38.65

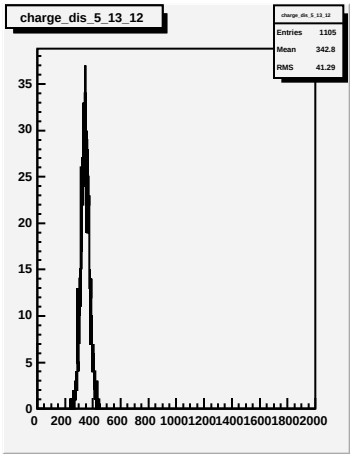

charge_dis_5_13_7
charge_dis_5_13_7
Entries 1105
Mean 224.2
RMS 30.69


charge_dis_5_13_8
charge_dis_5_13_8
Entries 1105
Mean 416.9
RMS 44.51


charge_dis_5_13_9
charge_dis_5_13_9
Entries 1105
Mean 488.6
RMS 50.91


charge_dis_5_13_10
charge_dis_5_13_10
Entries 1105
Mean 246.8
RMS 32.99


charge_dis_5_13_11
charge_dis_5_13_11
Entries 1105
Mean 188.5
RMS 26.62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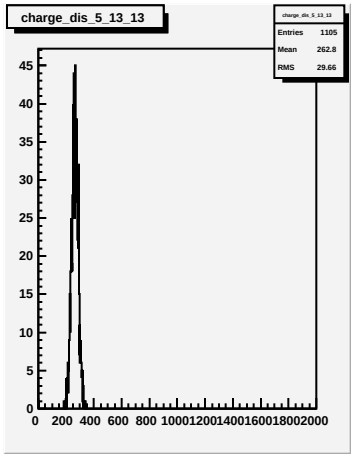
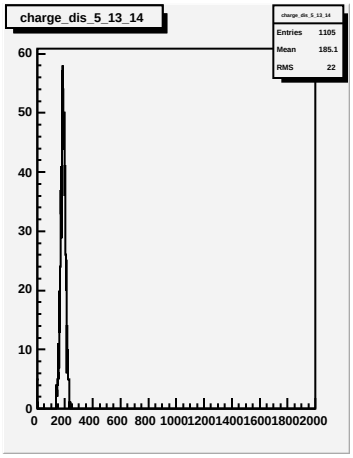
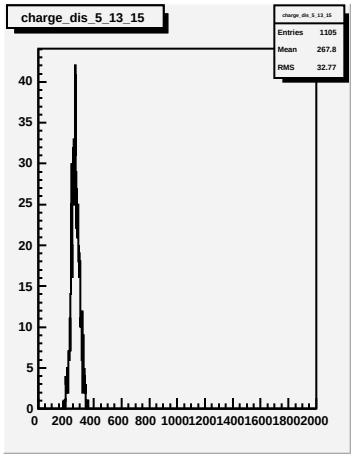
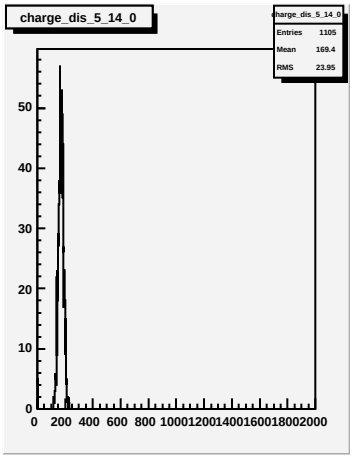
charge_dis_5_13_12
Entries 1105
Mean 342.8
RMS 41.29


charge_dis_5_13_13
charge_dis_5_13_13
Entries 1105
Mean 262.8
RMS 29.66


charge_dis_5_13_14
charge_dis_5_13_14
Entries 1105
Mean 185.1
RMS 22


charge_dis_5_13_15
charge_dis_5_13_15
Entries 1105
Mean 267.8
RMS 32.77


charge_dis_5_14_0
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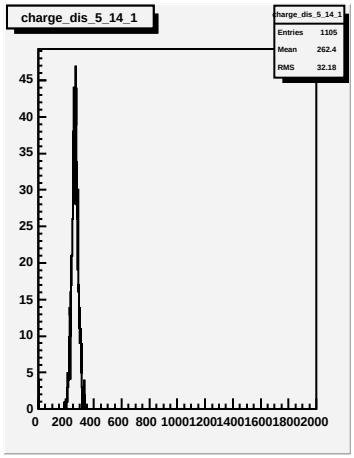
Mean 169.4
RMS 23.95


charge_dis_5_14_1
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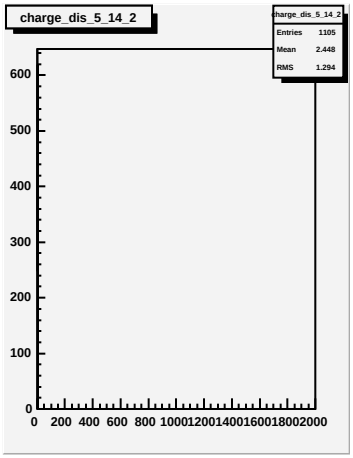
Mean 262.4
RMS 32.18


charge_dis_5_14_2
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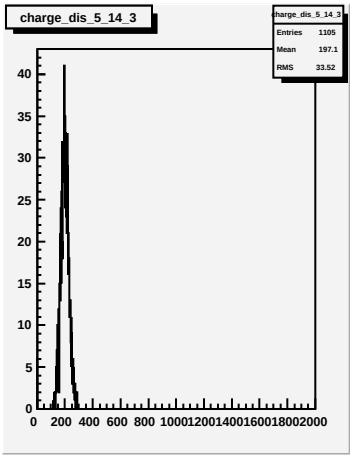
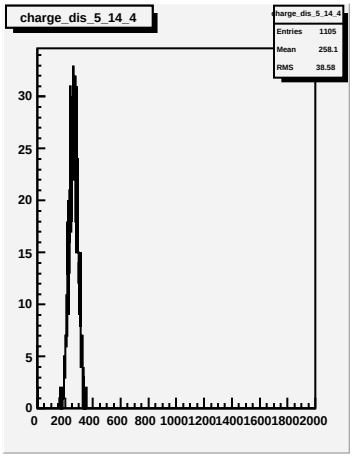
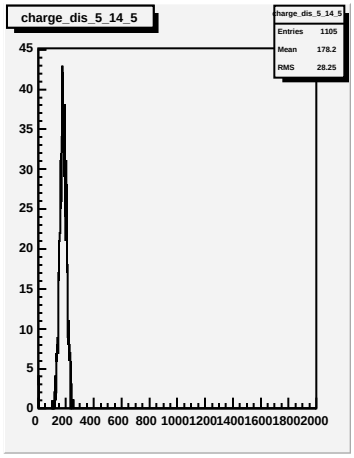
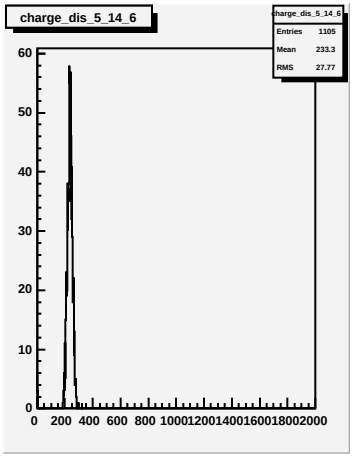
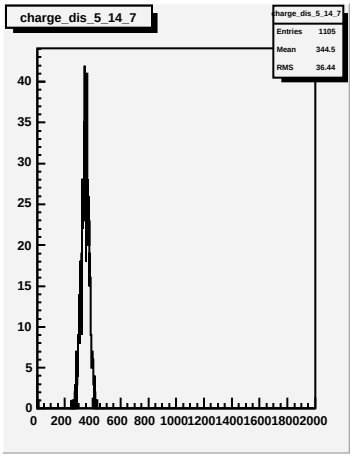
Mean 2.448
RMS 1.294

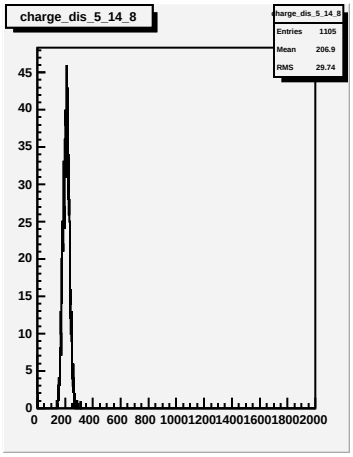

charge_dis_5_14_3
Entries 1105
Mean 197.1
RMS 33.52


charge_dis_5_14_4
Entries 1105
Mean 258.1
RMS 38.58


charge_dis_5_14_5
Entries 1105
Mean 178.2
RMS 28.25


charge_dis_5_14_6
Entries 1105
Mean 233.3
RMS 27.77


charge_dis_5_14_7
Entries 1105
Mean 344.5
RMS 36.44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Entries 1105
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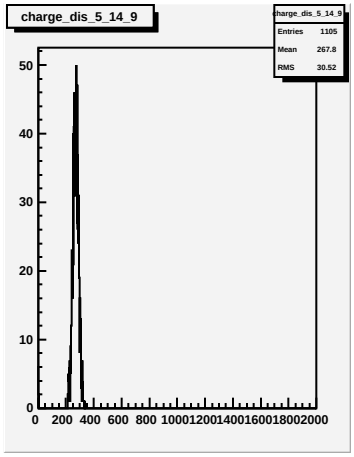
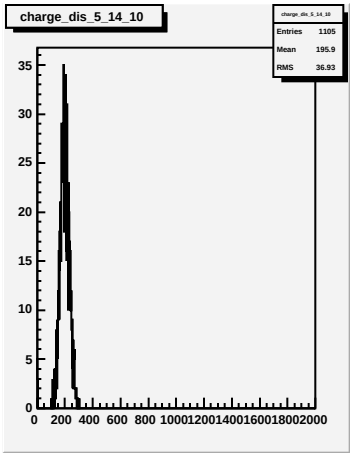
RMS 29.74


charge_dis_5_14_9
Entries 1105
Mean 267.8
RMS 30.52


charge_dis_5_14_10
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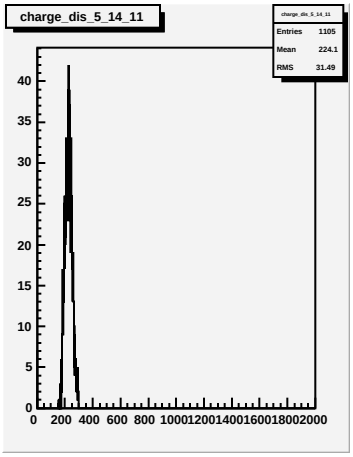
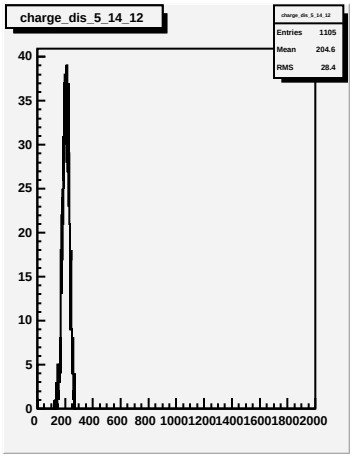
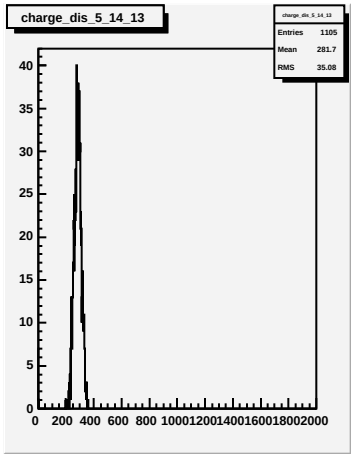
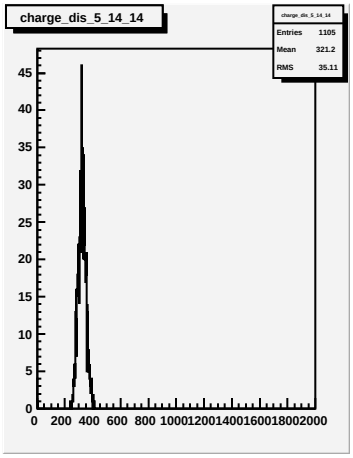
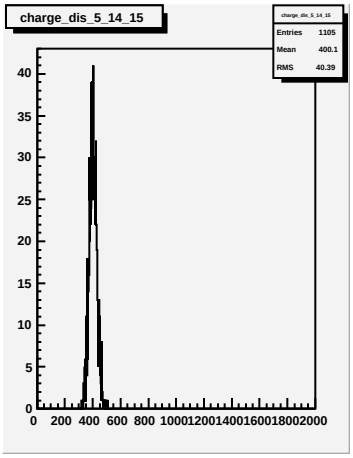
Mean 195.9
RMS 36.93


charge_dis_5_14_11
Entries 1105
Mean 224.1
RMS 31.49


charge_dis_5_14_12
Entries 1105
Mean 204.6
RMS 28.4


charge_dis_5_14_13
Entries 1105
Mean 281.7
RMS 35.08


charge_dis_5_14_14
Entries 1105
Mean 321.2
RMS 35.11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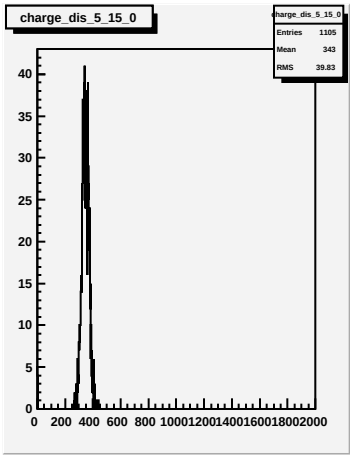
Entries 1105
Mean 400.1
RMS 40.39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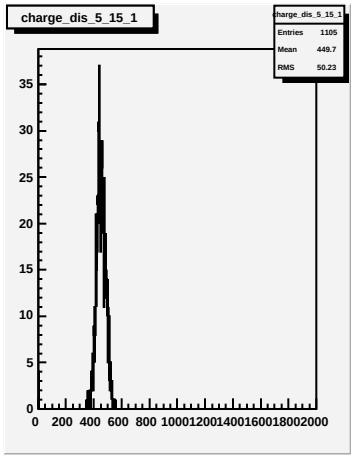
charge_dis_5_15_0
Entries 1105
Mean 343
RMS 39.83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Entries 1105
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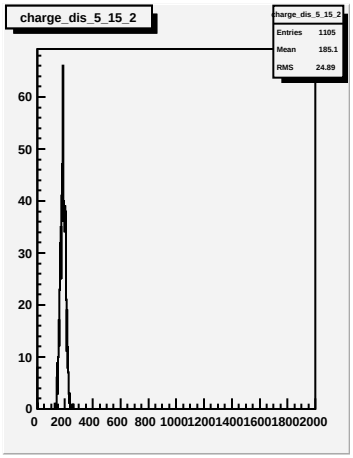
RMS 50.23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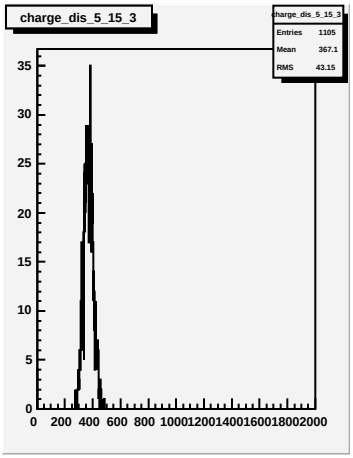
charge_dis_5_15_2
Entries 1105
Mean 185.1
RMS 24.89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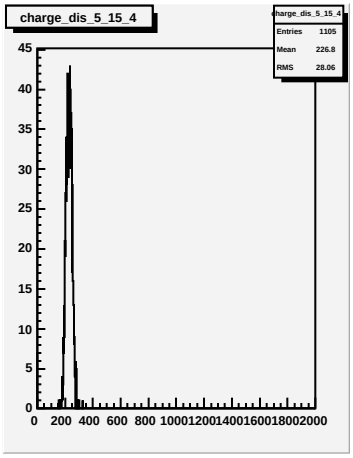
charge_dis_5_15_3
Entries 1105
Mean 367.1
RMS 43.15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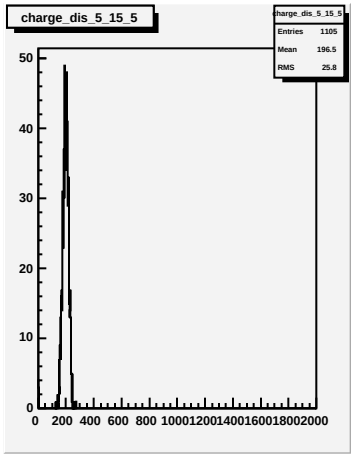
charge_dis_5_15_4
Entries 1105
Mean 226.8
RMS 28.06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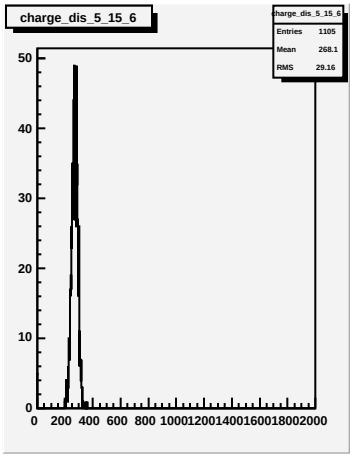
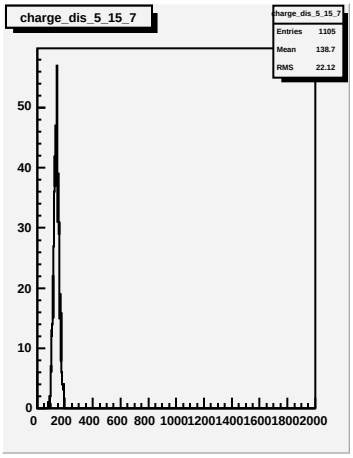
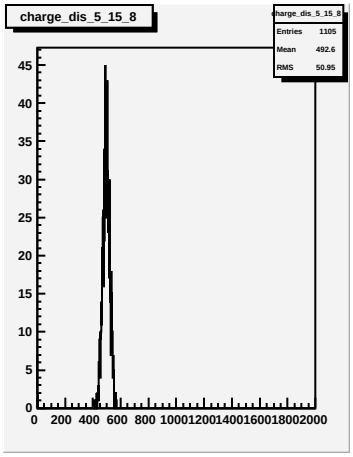
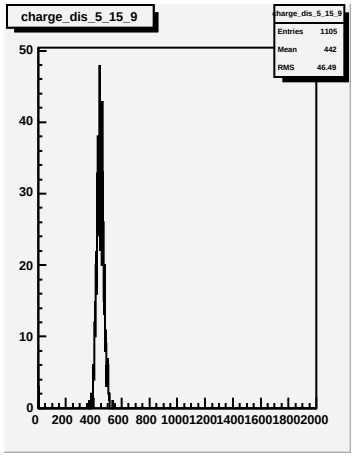
charge_dis_5_15_5
Entries 1105
Mean 196.5
RMS 25.8


charge_dis_5_15_6
charge_dis_5_15_6
Entries 1105
Mean 268.1
RMS 29.16


charge_dis_5_15_7
charge_dis_5_15_7
Entries 1105
Mean 138.7
RMS 22.12


charge_dis_5_15_8
charge_dis_5_15_8
Entries 1105
Mean 492.6
RMS 50.95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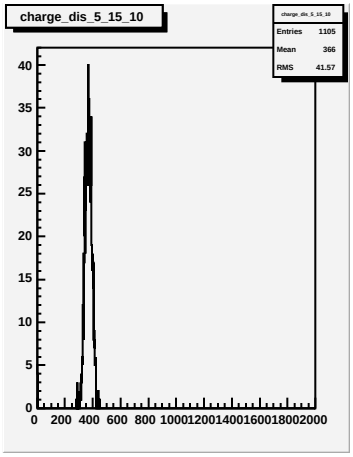
charge_dis_5_15_9
Entries 1105
Mean 442
RMS 46.49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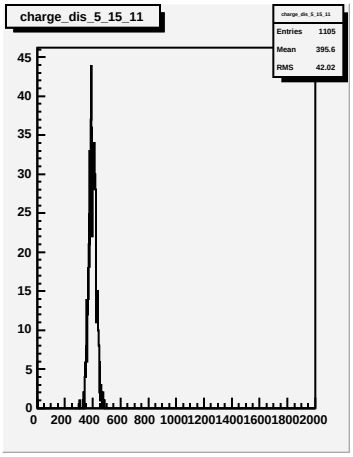
charge_dis_5_15_10
Entries 1105
Mean 366
RMS 41.57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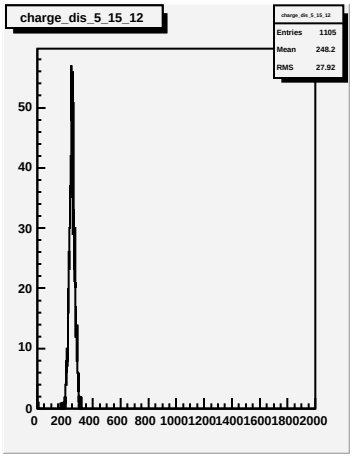
Entries 1105
Mean 395.6
RMS 42.02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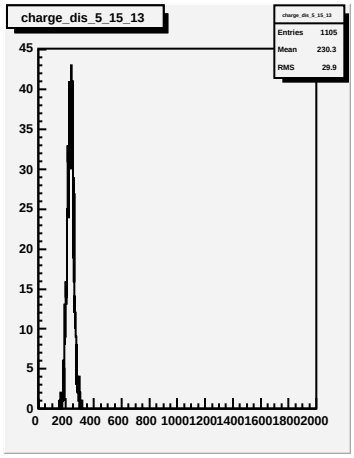
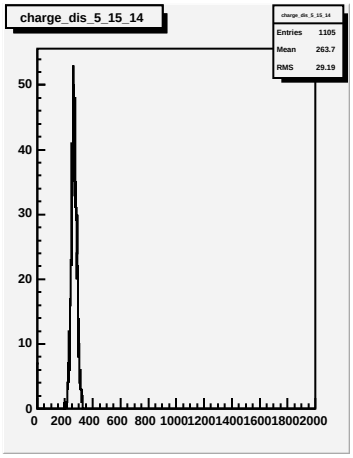
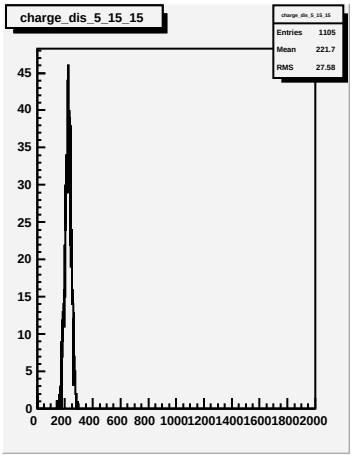
charge_dis_5_15_12
Entries 1105
Mean 248.2
RMS 27.92


charge_dis_5_15_13
charge_dis_5_15_13
Entries 1105
Mean 230.3
RMS 29.9


charge_dis_5_15_14
charge_dis_5_15_14
Entries 1105
Mean 263.7
RMS 29.19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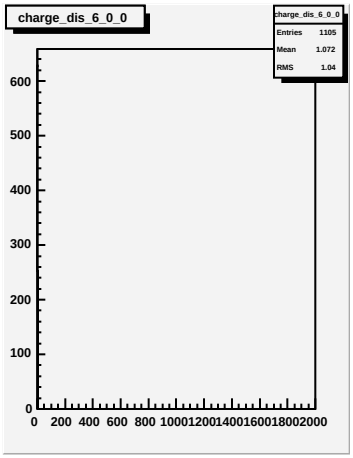
charge_dis_5_15_15
Entries 1105
Mean 221.7
RMS 27.58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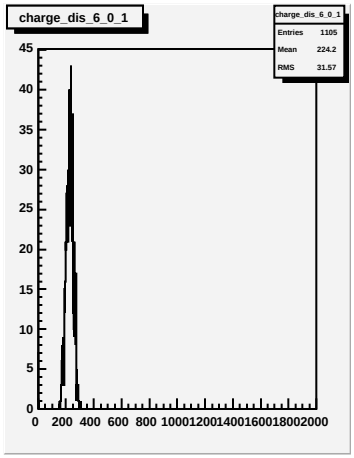
Entries 1105
Mean 1.072
RMS 1.04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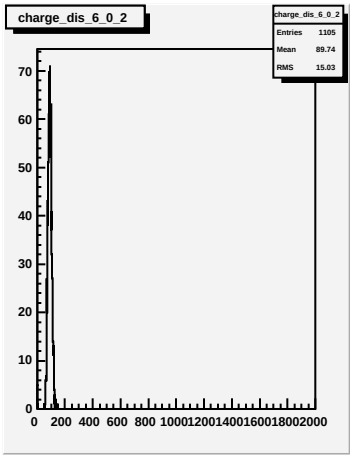
Entries 1105
Mean 224.2
RMS 31.57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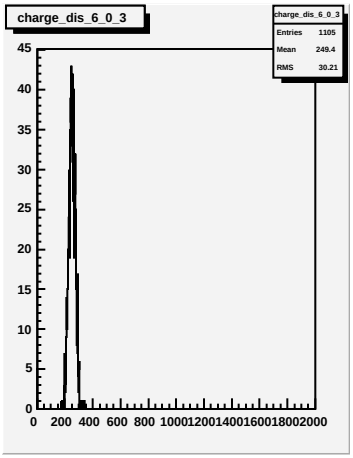
Entries 1105
Mean 89.74
RMS 15.03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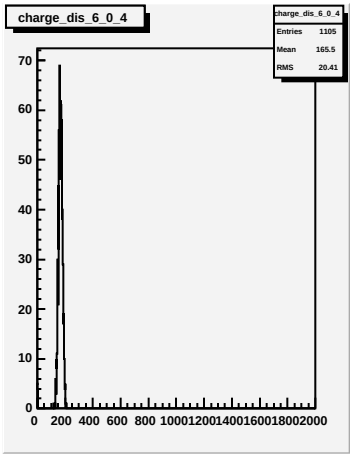
Entries 1105
Mean 249.4
RMS 30.21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Entries 1105
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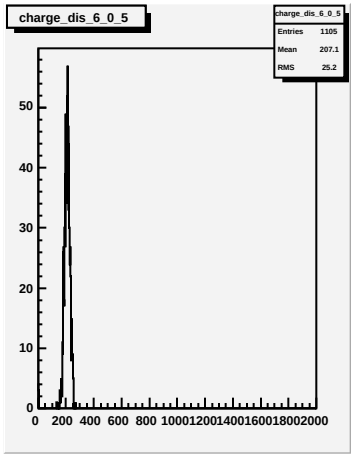
RMS 20.41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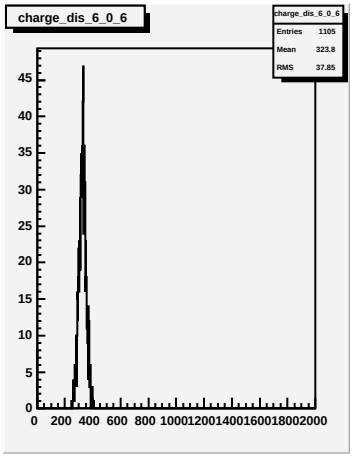
charge_dis_6_0_5
Entries 1105
Mean 207.1
RMS 25.2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charge_dis_6_0_6
Entries 1105
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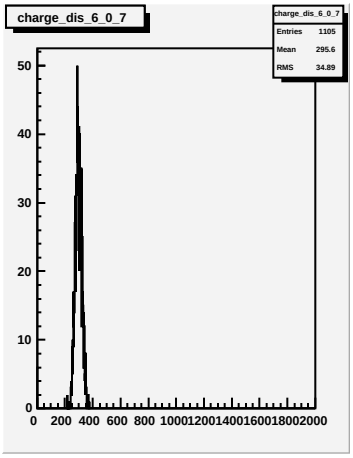
RMS 37.85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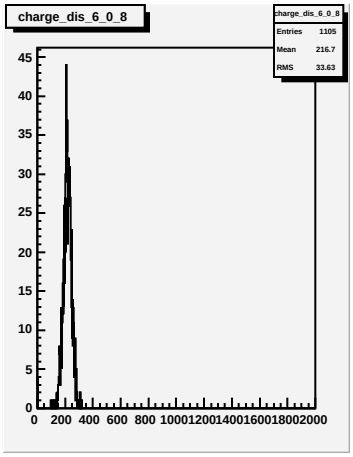
charge_dis_6_0_7
Entries 1105
Mean 295.6
RMS 34.89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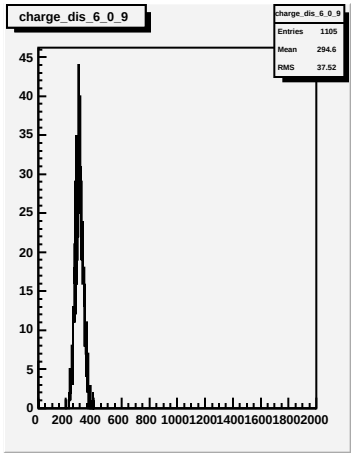
Entries 1105
Mean 216.7
RMS 33.63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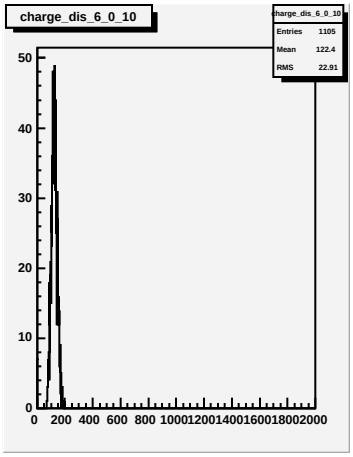
charge_dis_6_0_9
Entries 1105
Mean 294.6
RMS 37.52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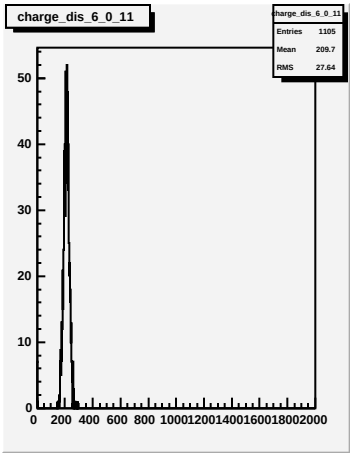
charge_dis_6_0_10
Entries 1105
Mean 122.4
RMS 22.91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Entries 1105
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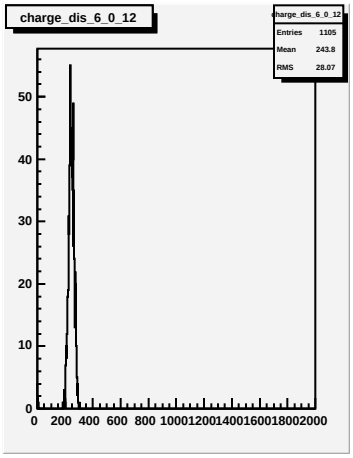
RMS 27.64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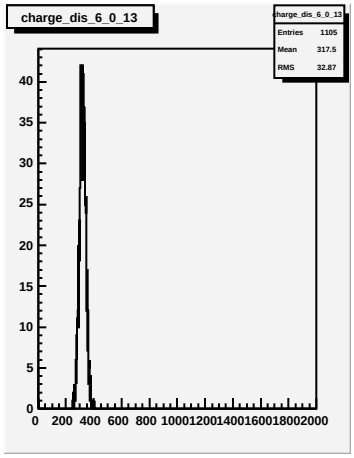
charge_dis_6_0_12
Entries 1105
Mean 243.8
RMS 28.07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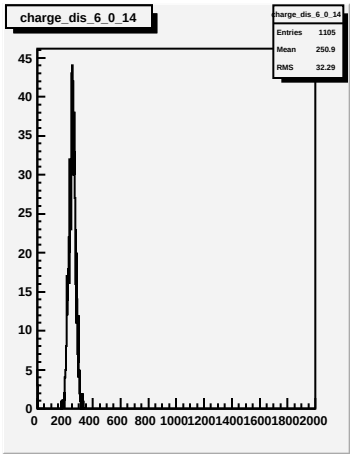
Entries 1105
Mean 317.5
RMS 32.87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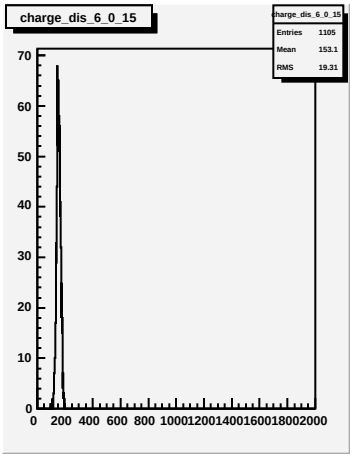
Entries 1105
Mean 250.9
RMS 32.29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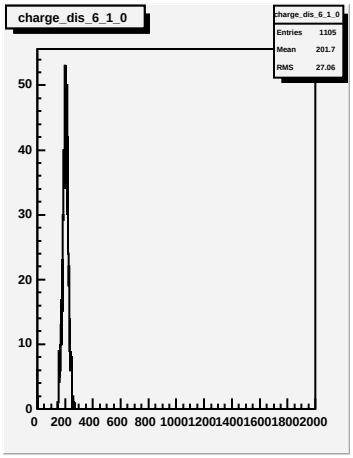
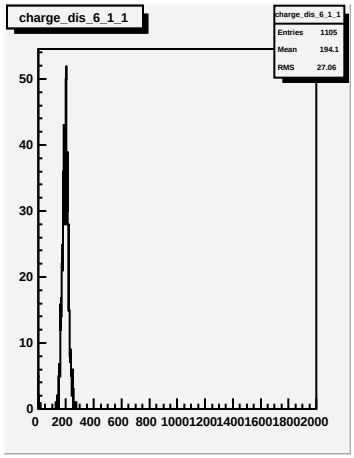
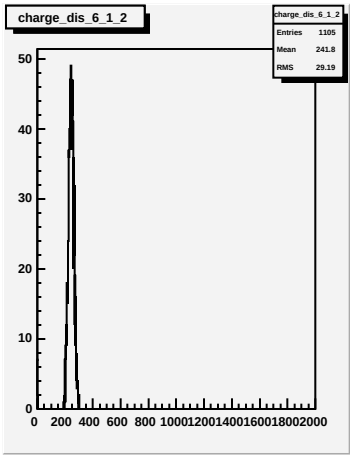
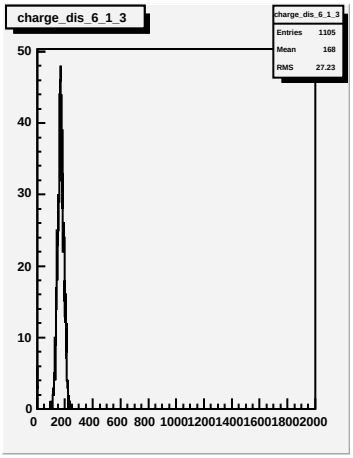
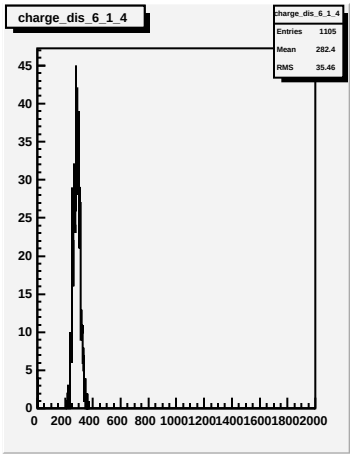
charge_dis_6_0_15
Entries 1105
Mean 153.1
RMS 19.31

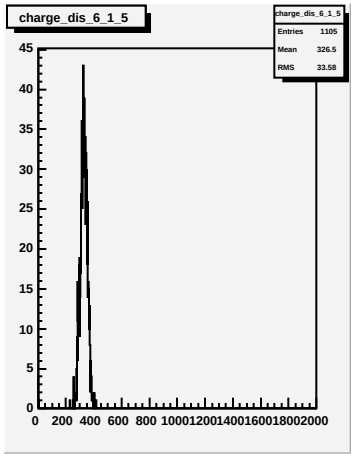

charge_dis_6_1_0
charge_dis_6_1_0
Entries 1105
Mean 201.7
RMS 27.06

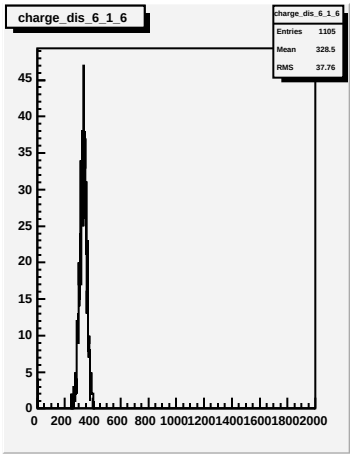

charge_dis_6_1_1
charge_dis_6_1_1
Entries 1105
Mean 194.1
RMS 27.06

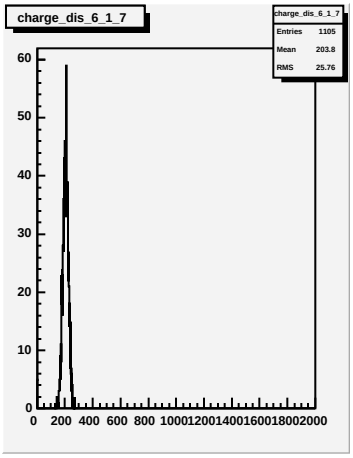

charge_dis_6_1_2
charge_dis_6_1_2
Entries 1105
Mean 241.8
RMS 29.19

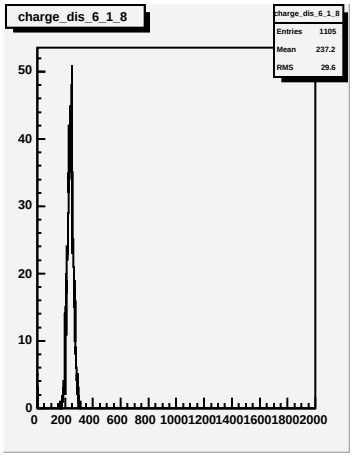

charge_dis_6_1_3
charge_dis_6_1_3
Entries 1105
Mean 168
RMS 27.23

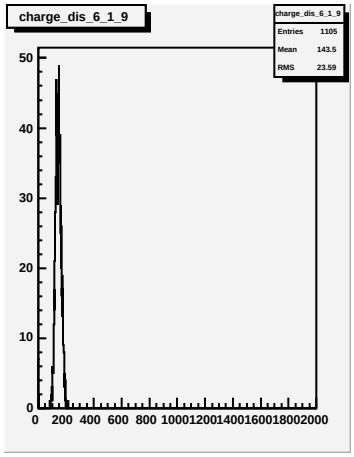

charge_dis_6_1_4
charge_dis_6_1_4
Entries 1105
Mean 282.4
RMS 35.46

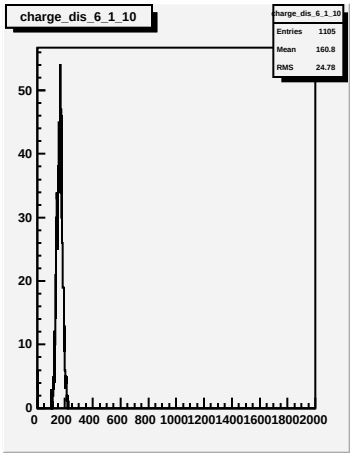

charge_dis_6_1_5
charge_dis_6_1_5
Entries 1105
Mean 326.5
RMS 33.58

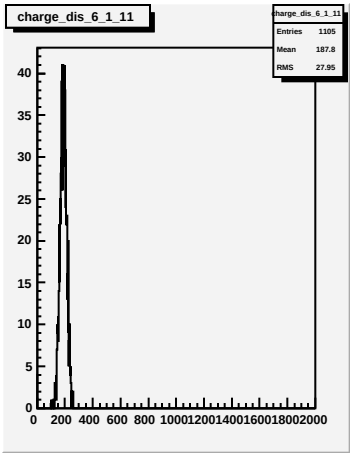

charge_dis_6_1_6
charge_dis_6_1_6
Entries 1105
Mean 328.5
RMS 37.76

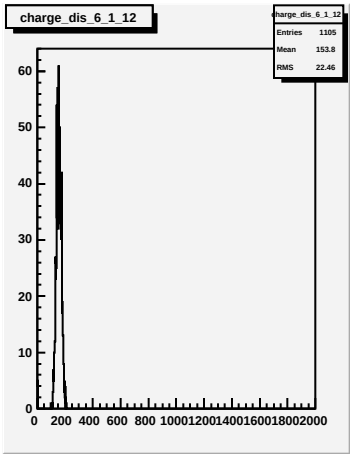

charge_dis_6_1_7
charge_dis_6_1_7
Entries 1105
Mean 203.8
RMS 25.76


charge_dis_6_1_8
charge_dis_6_1_8
Entries 1105
Mean 237.2
RMS 29.6


charge_dis_6_1_9
charge_dis_6_1_9
Entries 1105
Mean 143.5
RMS 23.59


charge_dis_6_1_10
charge_dis_6_1_10
Entries 1105
Mean 160.8
RMS 24.78


charge_dis_6_1_11
charge_dis_6_1_11
Entries 1105
Mean 187.8
RMS 27.95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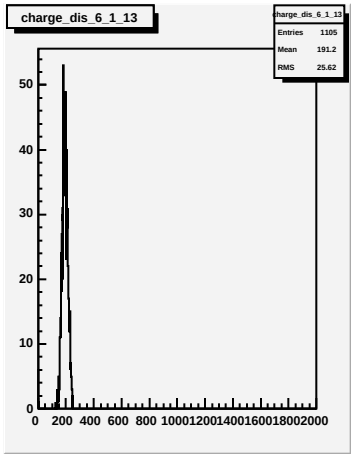
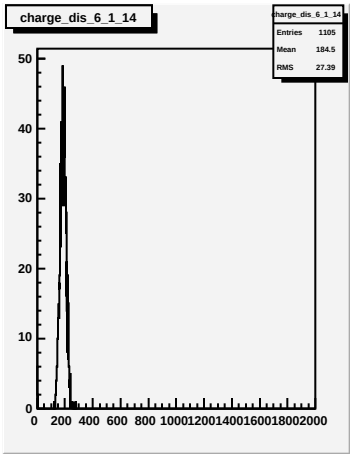
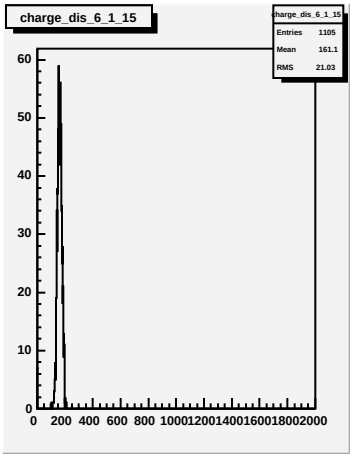
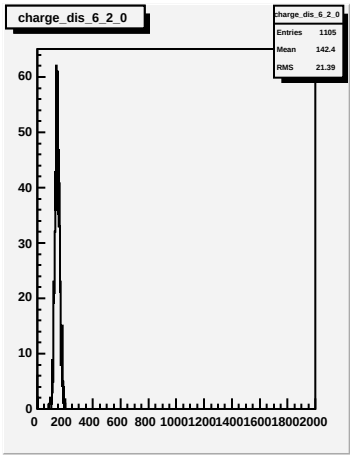
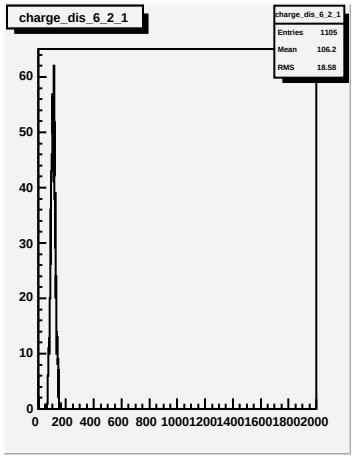
charge_dis_6_1_12
Entries 1105
Mean 153.8
RMS 22.46

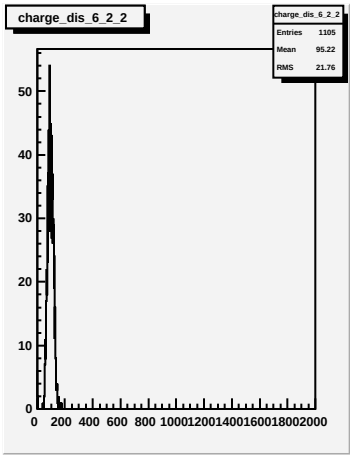

charge_dis_6_1_13
charge_dis_6_1_13
Entries 1105
Mean 191.2
RMS 25.62

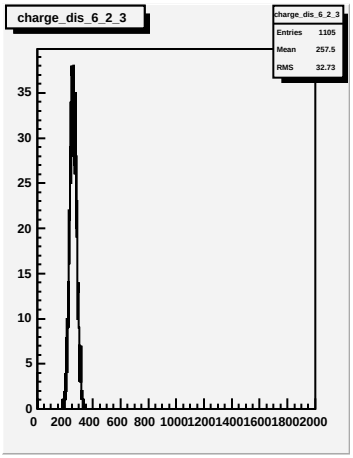

charge_dis_6_1_14
charge_dis_6_1_14
Entries 1105
Mean 184.5
RMS 27.39

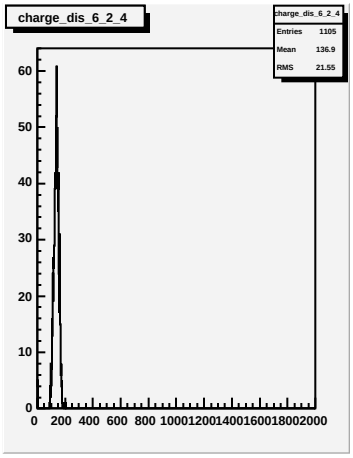

charge_dis_6_1_15
charge_dis_6_1_15
Entries 1105
Mean 161.1
RMS 21.03

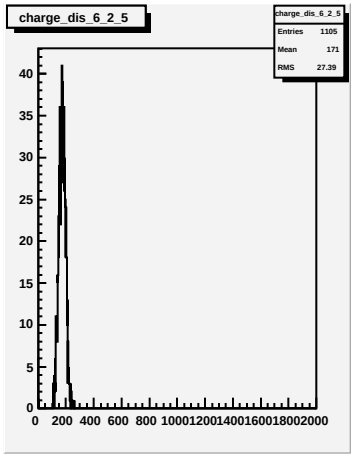

charge_dis_6_2_0
charge_dis_6_2_0
Entries 1105
Mean 142.4
RMS 21.39

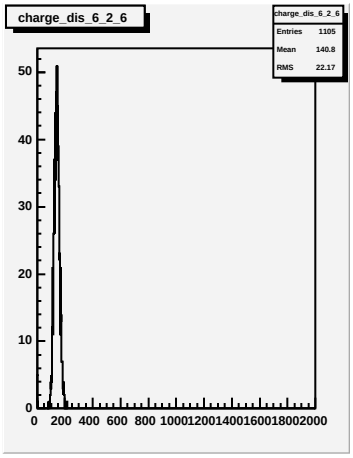

charge_dis_6_2_1
charge_dis_6_2_1
Entries 1105
Mean 106.2
RMS 18.58

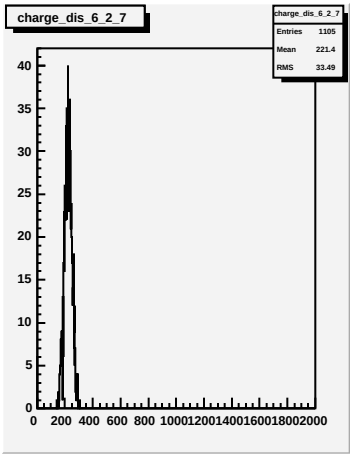

charge_dis_6_2_2
charge_dis_6_2_2
Entries 1105
Mean 95.22
RMS 21.76

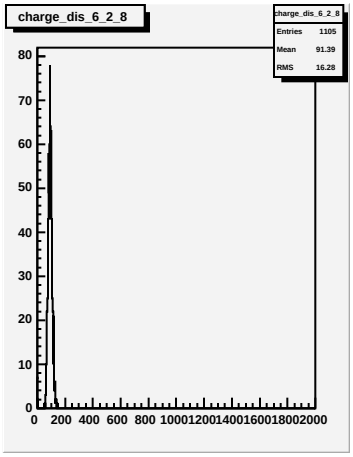

charge_dis_6_2_3
charge_dis_6_2_3
Entries 1105
Mean 257.5
RMS 32.73

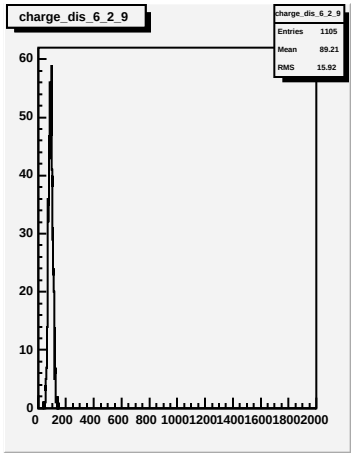

charge_dis_6_2_4
charge_dis_6_2_4
Entries 1105
Mean 136.9
RMS 21.55

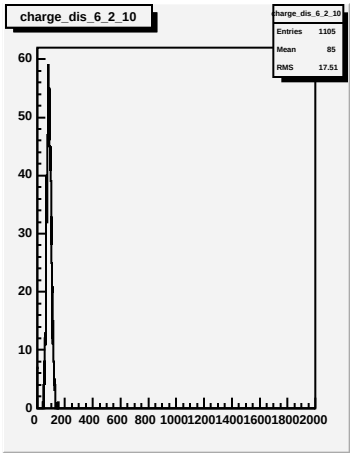

charge_dis_6_2_5
charge_dis_6_2_5
Entries 1105
Mean 171
RMS 27.39

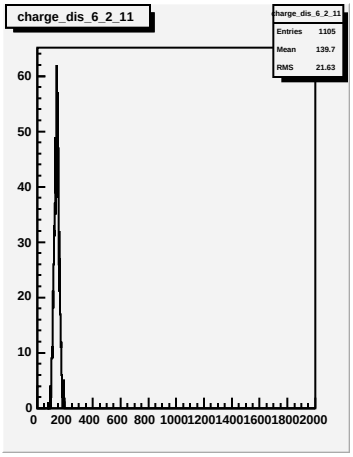

charge_dis_6_2_6
charge_dis_6_2_6
Entries 1105
Mean 140.8
RMS 22.17

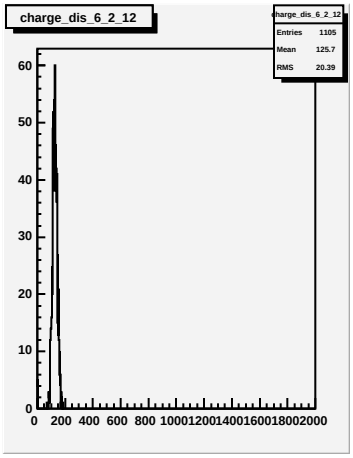

charge_dis_6_2_7
charge_dis_6_2_7
Entries 1105
Mean 221.4
RMS 33.49

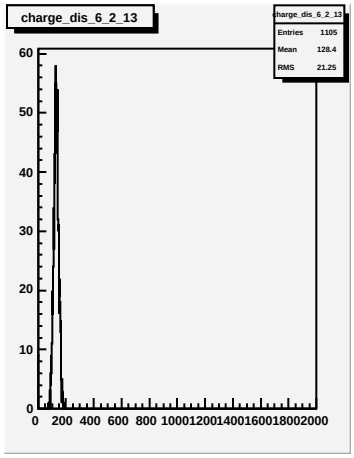

charge_dis_6_2_8
charge_dis_6_2_8
Entries 1105
Mean 91.39
RMS 16.28

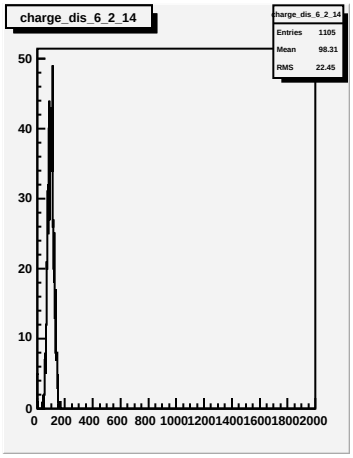

charge_dis_6_2_9
charge_dis_6_2_9
Entries 1105
Mean 89.21
RMS 15.92

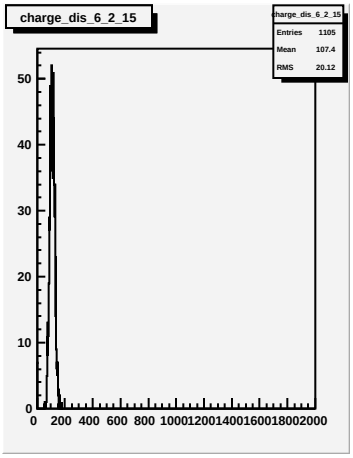

charge_dis_6_2_10
charge_dis_6_2_10
Entries 1105
Mean 85
RMS 17.51

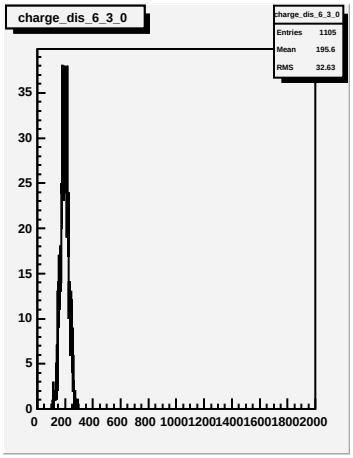

charge_dis_6_2_11
charge_dis_6_2_11
Entries 1105
Mean 139.7
RMS 21.63

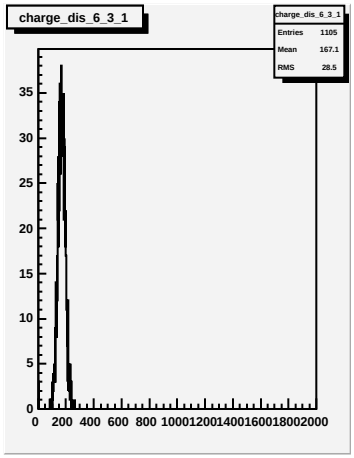

charge_dis_6_2_12
charge_dis_6_2_12
Entries 1105
Mean 125.7
RMS 20.39

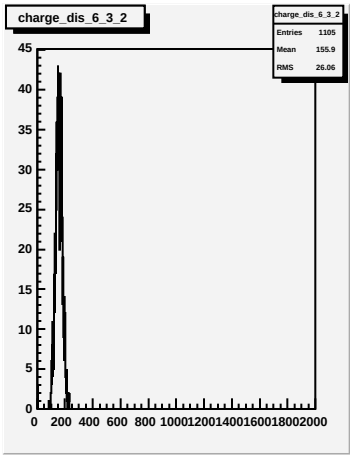

charge_dis_6_2_13
charge_dis_6_2_13
Entries 1105
Mean 128.4
RMS 21.25


charge_dis_6_2_14
charge_dis_6_2_14
Entries 1105
Mean 98.31
RMS 22.45


charge_dis_6_2_15
charge_dis_6_2_15
Entries 1105
Mean 107.4
RMS 20.12


charge_dis_6_3_0
charge_dis_6_3_0
Entries 1105
Mean 195.6
RMS 32.63


charge_dis_6_3_1
charge_dis_6_3_1
Entries 1105
Mean 167.1
RMS 28.5


charge_dis_6_3_2
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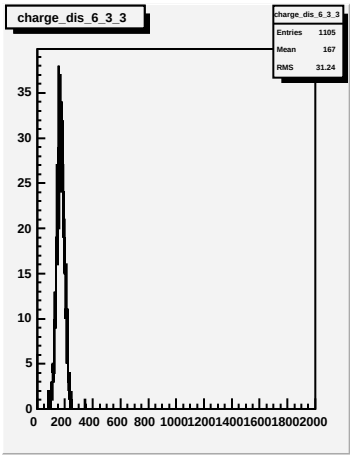
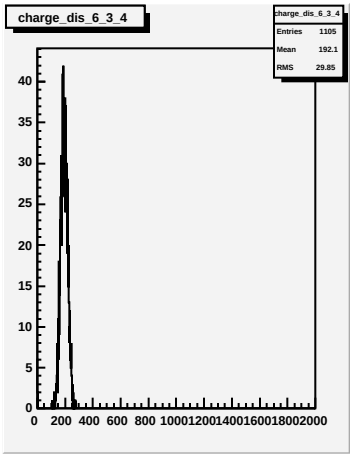
Entries 1105
Mean 155.9
RMS 26.06


charge_dis_6_3_3
charge_dis_6_3_3
Entries 1105
Mean 167
RMS 31.24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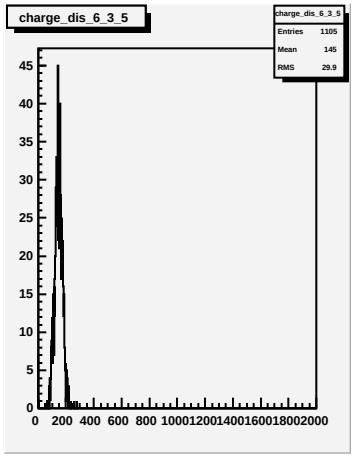
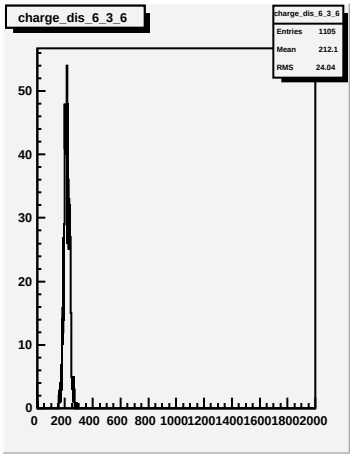
charge_dis_6_3_4
Entries 1105
Mean 192.1
RMS 29.85


charge_dis_6_3_5
charge_dis_6_3_5
Entries 1105
Mean 145
RMS 29.9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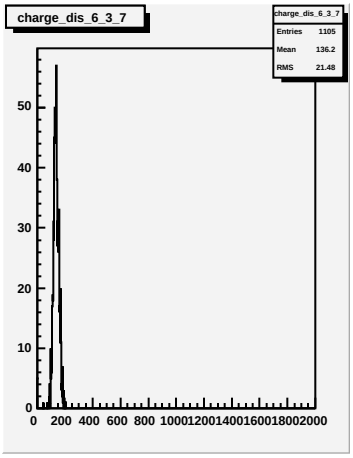
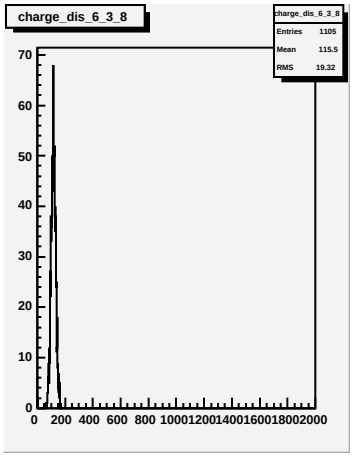
charge_dis_6_3_6
Entries 1105
Mean 212.1
RMS 24.04


charge_dis_6_3_7
charge_dis_6_3_7
Entries 1105
Mean 136.2
RMS 21.48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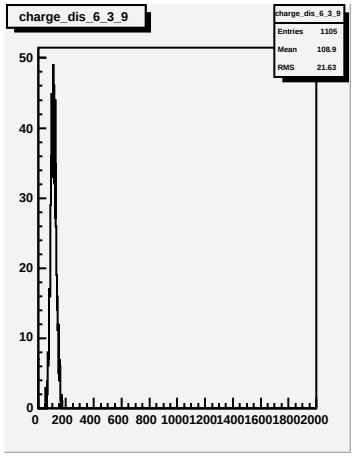
charge_dis_6_3_8
Entries 1105
Mean 115.5
RMS 19.32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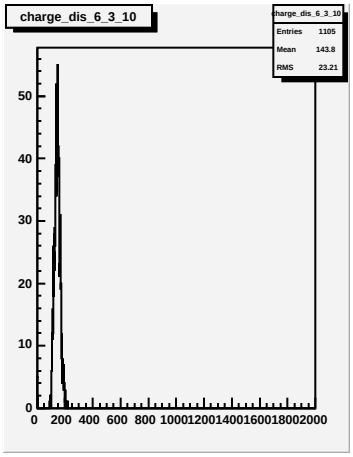
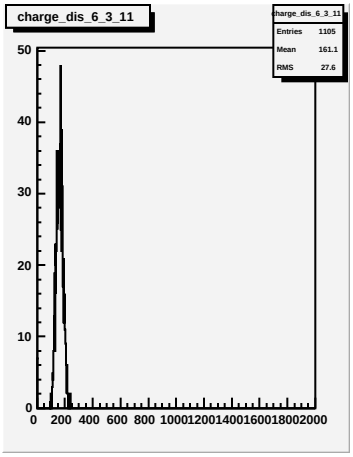
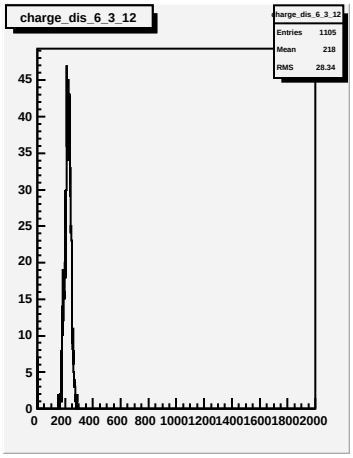
charge_dis_6_3_9
Entries 1105
Mean 108.9
RMS 21.63


charge_dis_6_3_10
charge_dis_6_3_10
Entries 1105
Mean 143.8
RMS 23.21


charge_dis_6_3_11
charge_dis_6_3_11
Entries 1105
Mean 161.1
RMS 27.6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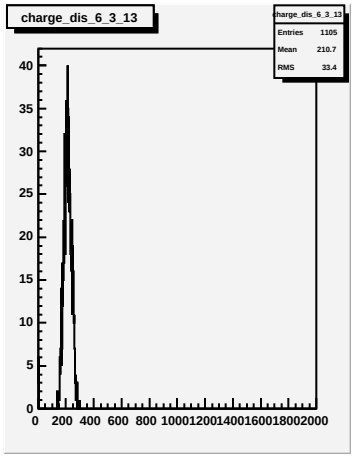
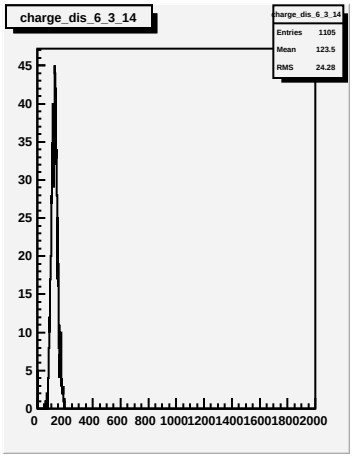
charge_dis_6_3_12
Entries 1105
Mean 218
RMS 28.34


charge_dis_6_3_13
charge_dis_6_3_13
Entries 1105
Mean 210.7
RMS 33.4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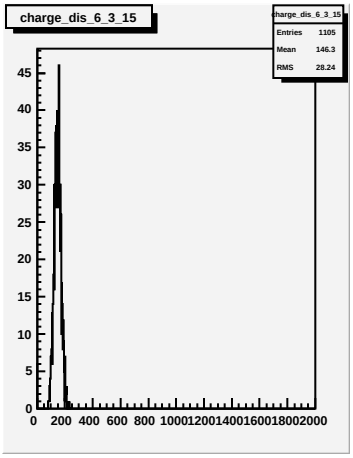
charge_dis_6_3_14
Entries 1105
Mean 123.5
RMS 24.28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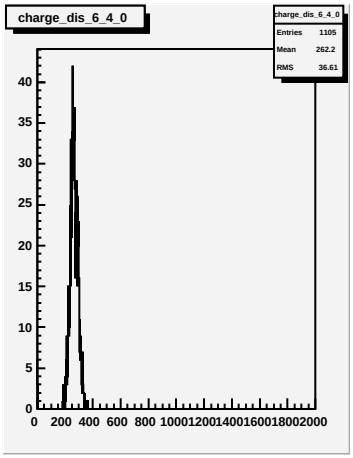
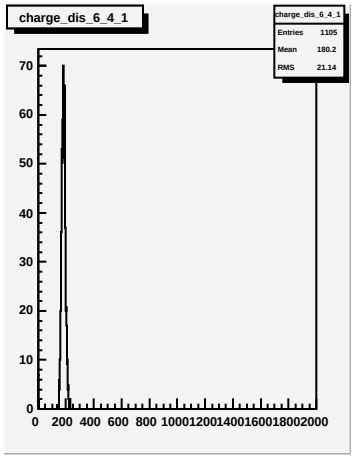
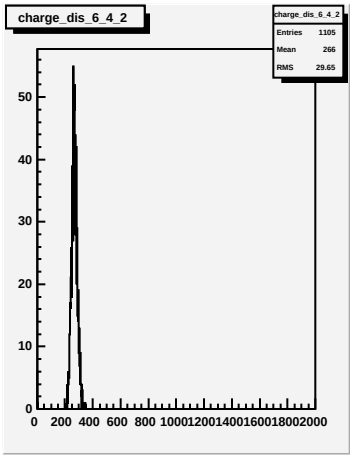
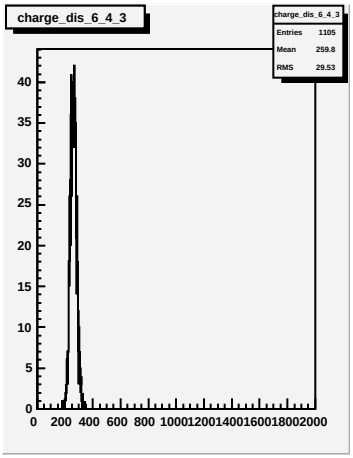
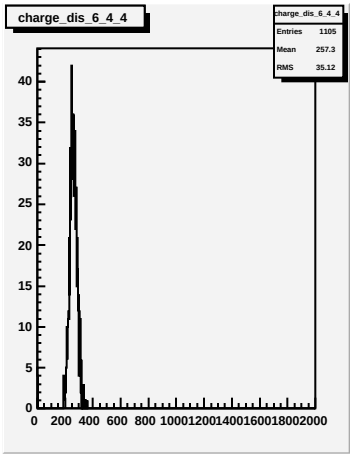
charge_dis_6_3_15
Entries 1105
Mean 146.3
RMS 28.24


charge_dis_6_4_0
charge_dis_6_4_0
Entries 1105
Mean 262.2
RMS 36.61


charge_dis_6_4_1
charge_dis_6_4_1
Entries 1105
Mean 180.2
RMS 21.14


charge_dis_6_4_2
charge_dis_6_4_2
Entries 1105
Mean 266
RMS 29.65


charge_dis_6_4_3
charge_dis_6_4_3
Entries 1105
Mean 259.8
RMS 29.53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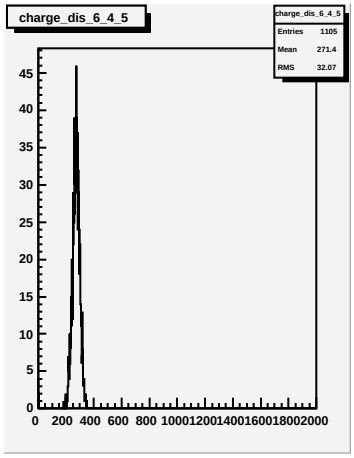
Entries 1105
Mean 257.3
RMS 35.12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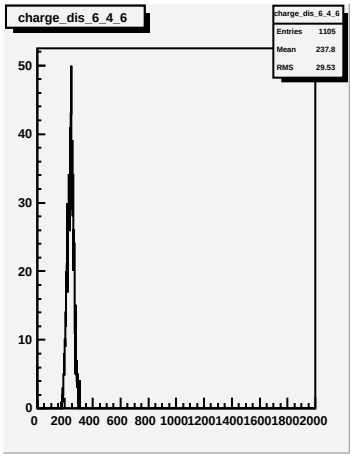
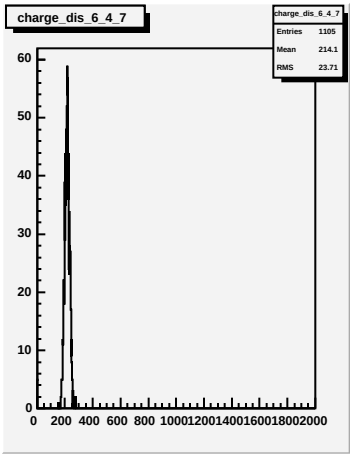
Entries 1105
Mean 271.4
RMS 32.07


charge_dis_6_4_6
charge_dis_6_4_6
Entries 1105
Mean 237.8
RMS 29.53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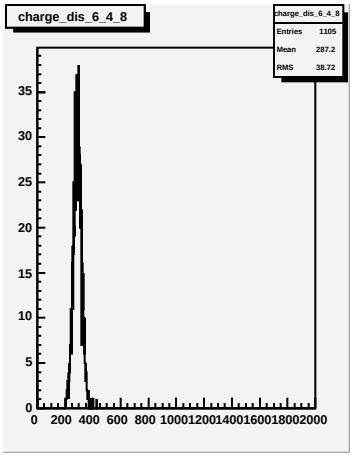
charge_dis_6_4_7
Entries 1105
Mean 214.1
RMS 23.71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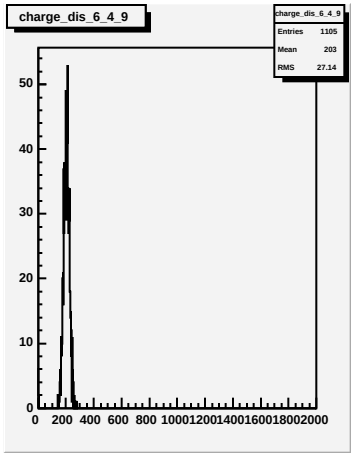
charge_dis_6_4_8
Entries 1105
Mean 287.2
RMS 38.72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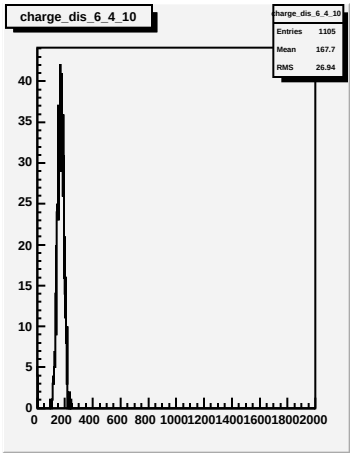
charge_dis_6_4_9
Entries 1105
Mean 203
RMS 27.14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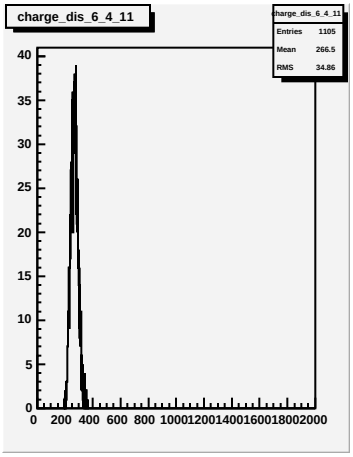
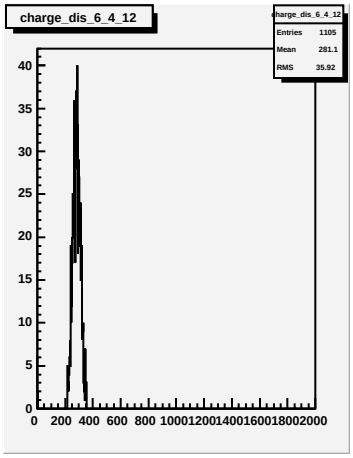
charge_dis_6_4_10
Entries 1105
Mean 167.7
RMS 26.94


charge_dis_6_4_11
charge_dis_6_4_11
Entries 1105
Mean 266.5
RMS 34.86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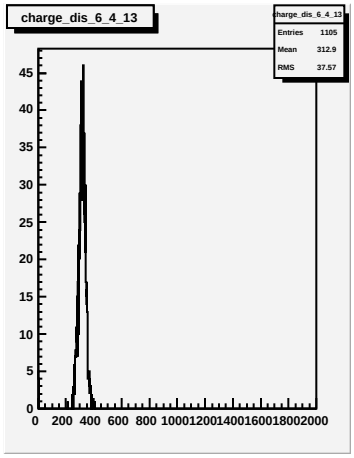
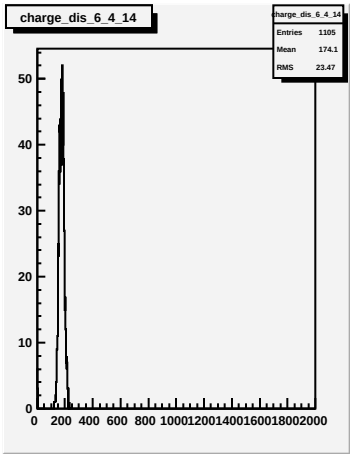
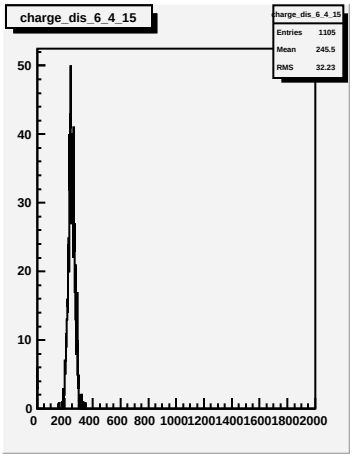
charge_dis_6_4_12
Entries 1105
Mean 281.1
RMS 35.92


charge_dis_6_4_13
charge_dis_6_4_13
Entries 1105
Mean 312.9
RMS 37.57


charge_dis_6_4_14
charge_dis_6_4_14
Entries 1105
Mean 174.1
RMS 23.47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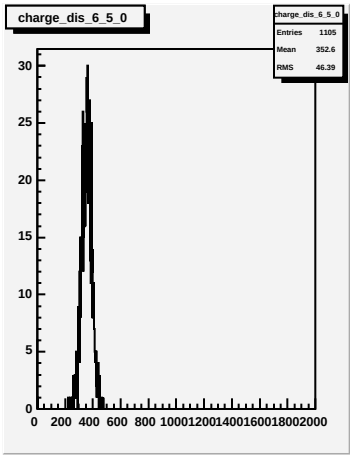
charge_dis_6_4_15
Entries 1105
Mean 245.5
RMS 32.23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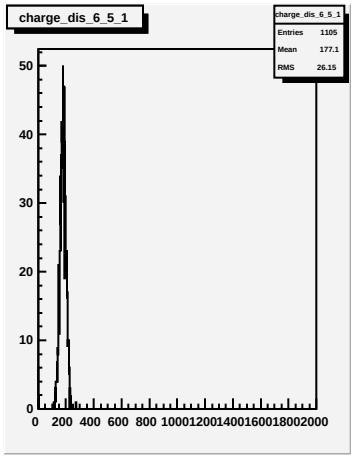
charge_dis_6_5_0
Entries 1105
Mean 352.6
RMS 46.39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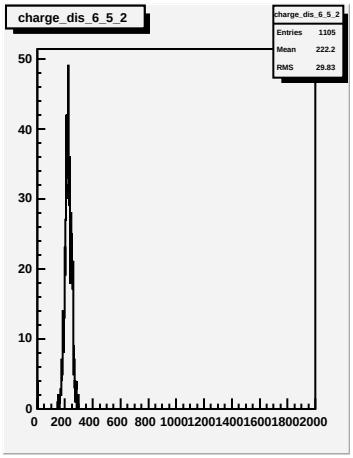
charge_dis_6_5_1
Entries 1105
Mean 177.1
RMS 26.15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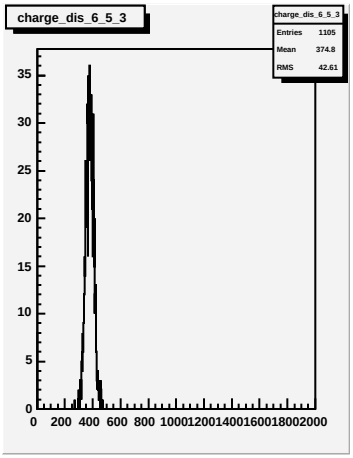
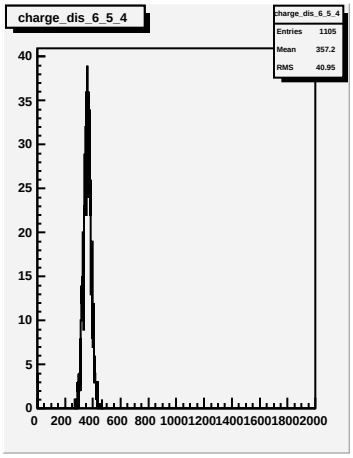
Entries 1105
Mean 222.2
RMS 29.83


charge_dis_6_5_3
charge_dis_6_5_3
Entries 1105
Mean 374.8
RMS 42.61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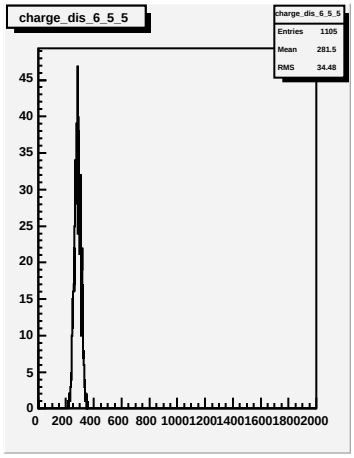
charge_dis_6_5_4
Entries 1105
Mean 357.2
RMS 40.95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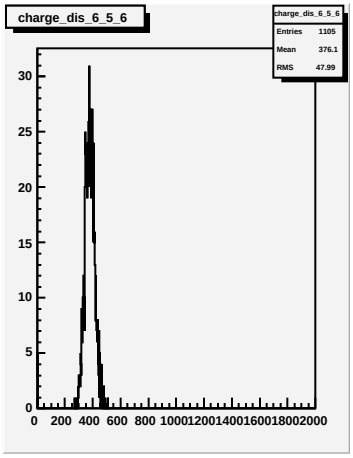
Entries 1105
Mean 281.5
RMS 34.48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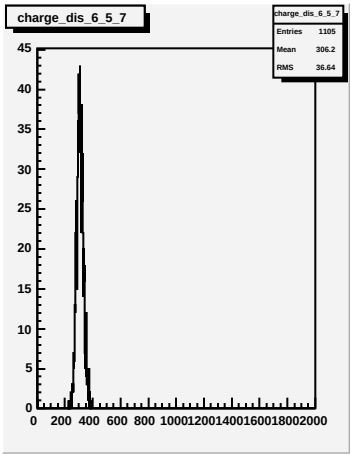
charge_dis_6_5_6
Entries 1105
Mean 376.1
RMS 47.99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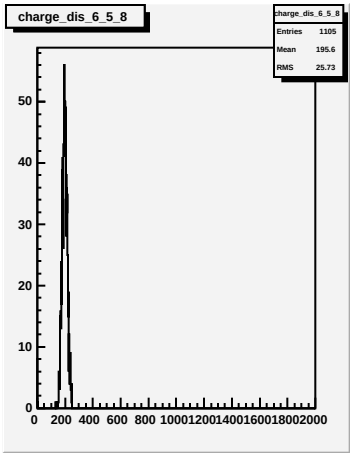
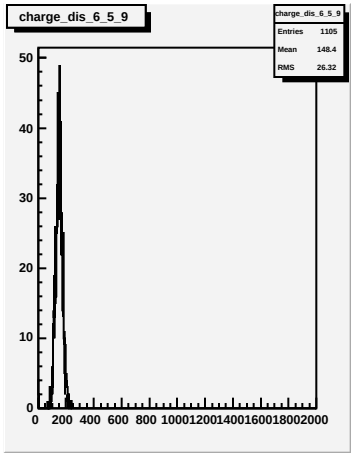
charge_dis_6_5_7
Entries 1105
Mean 306.2
RMS 36.64


charge_dis_6_5_8
charge_dis_6_5_8
Entries 1105
Mean 195.6
RMS 25.73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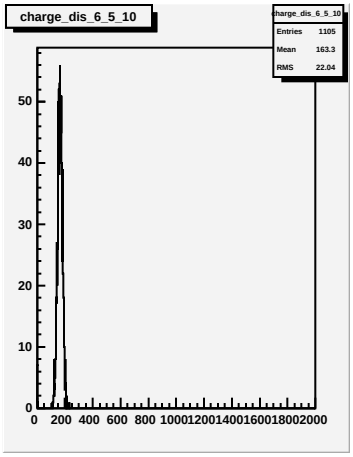
charge_dis_6_5_9
Entries 1105
Mean 148.4
RMS 26.32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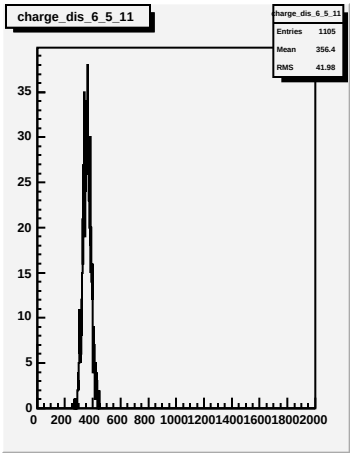
Entries 1105
Mean 163.3
RMS 22.04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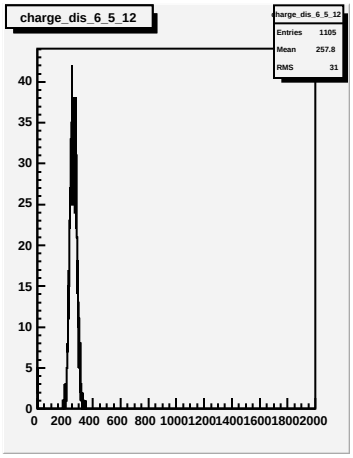
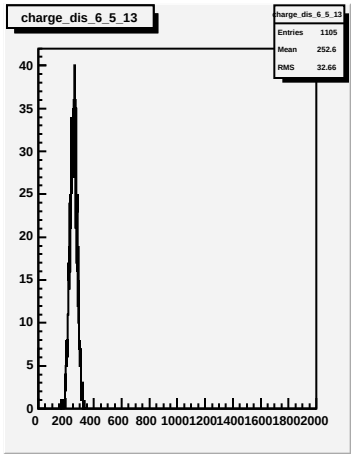
Entries 1105
Mean 356.4
RMS 41.98


charge_dis_6_5_12
charge_dis_6_5_12
Entries 1105
Mean 257.8
RMS 31


charge_dis_6_5_13
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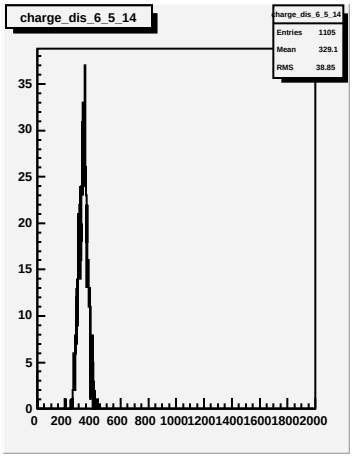
Entries 1105
Mean 252.6
RMS 32.66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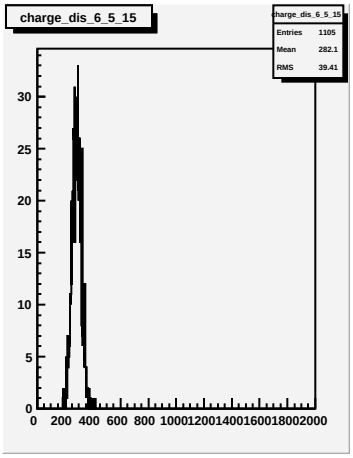
Entries 1105
Mean 329.1
RMS 38.85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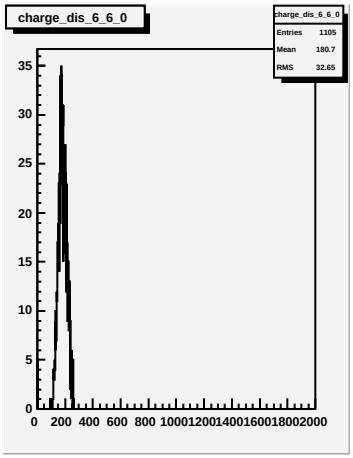
Entries 1105
Mean 282.1
RMS 39.41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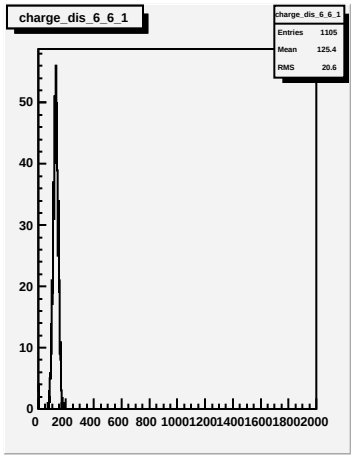
Entries 1105
Mean 180.7
RMS 32.65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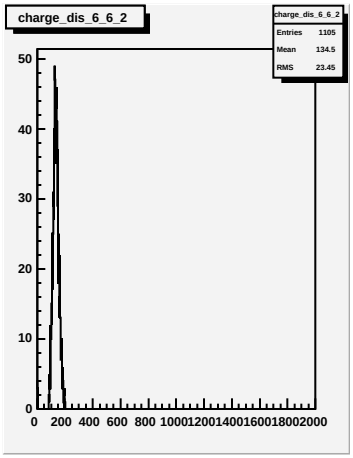
Entries 1105
Mean 125.4
RMS 20.6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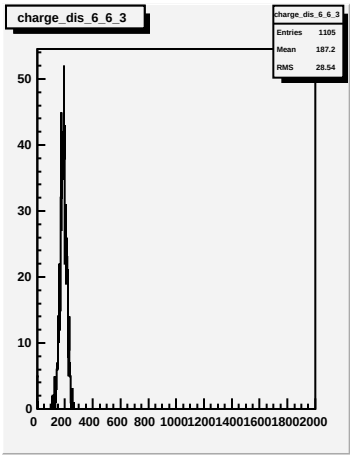
Entries 1105
Mean 134.5
RMS 23.45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charge_dis_6_6_3
Entries 1105
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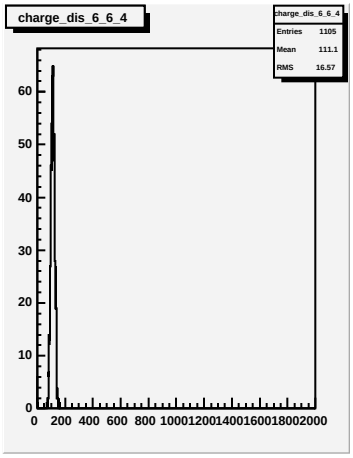
RMS 28.54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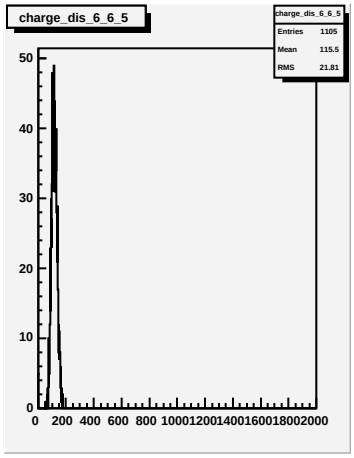
Entries 1105
Mean 111.1
RMS 16.57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charge_dis_6_6_5
Entries 1105
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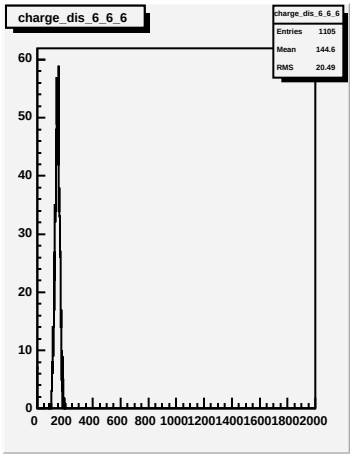
RMS 21.81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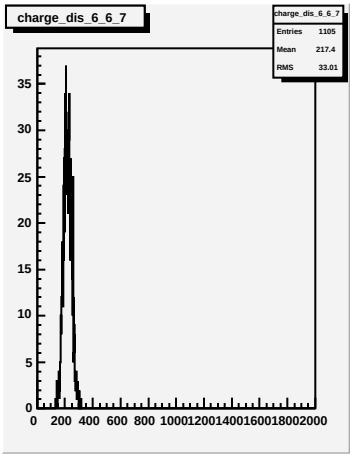
charge_dis_6_6_6
Entries 1105
Mean 144.6
RMS 20.49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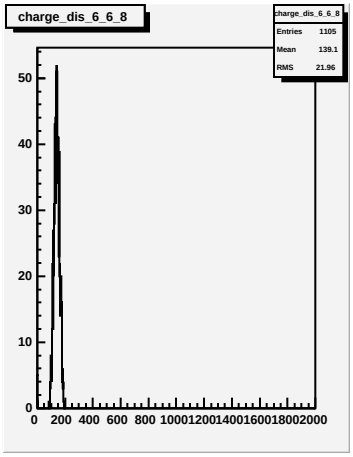
charge_dis_6_6_7
Entries 1105
Mean 217.4
RMS 33.01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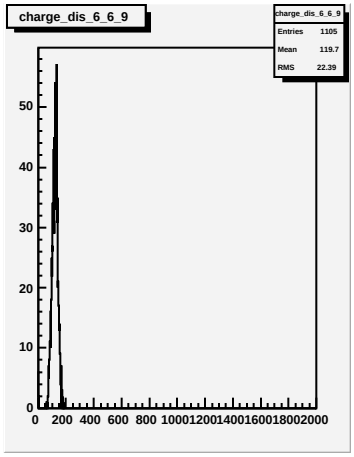
charge_dis_6_6_8
Entries 1105
Mean 139.1
RMS 21.96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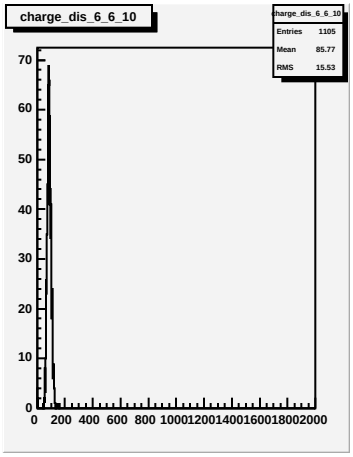
charge_dis_6_6_9
Entries 1105
Mean 119.7
RMS 22.39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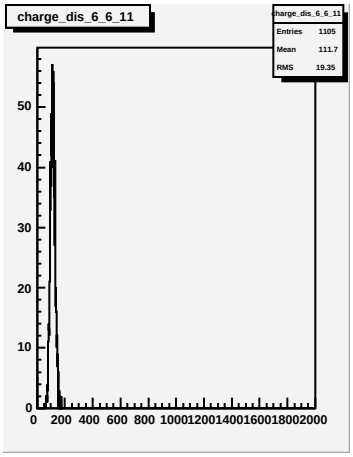
charge_dis_6_6_10
Entries 1105
Mean 85.77
RMS 15.53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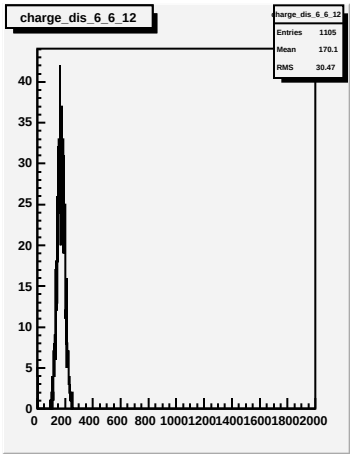
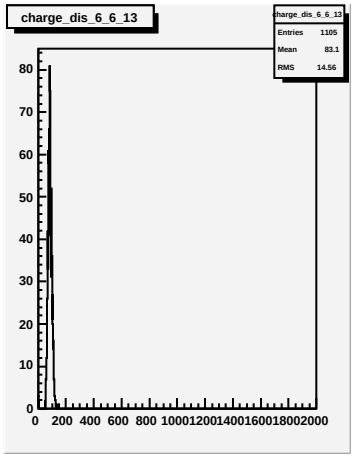
charge_dis_6_6_11
Entries 1105
Mean 111.7
RMS 19.35


charge_dis_6_6_12
charge_dis_6_6_12
Entries 1105
Mean 170.1
RMS 30.47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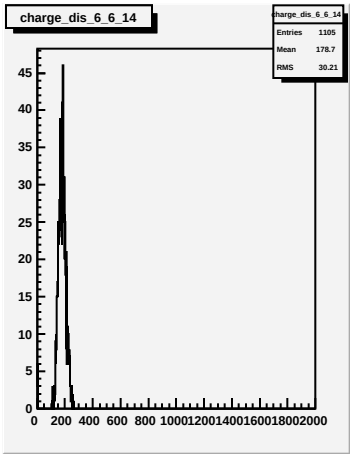
charge_dis_6_6_13
Entries 1105
Mean 83.1
RMS 14.56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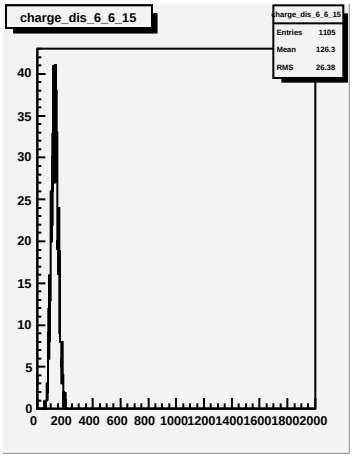
Entries 1105
Mean 178.7
RMS 30.21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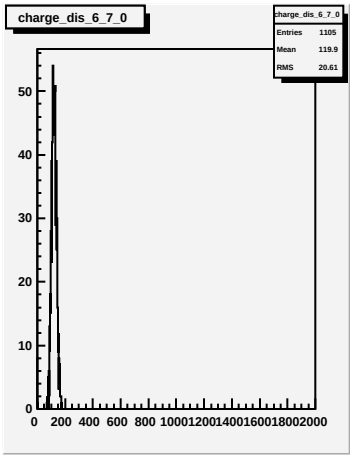
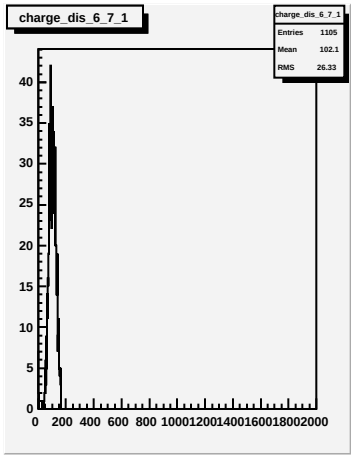
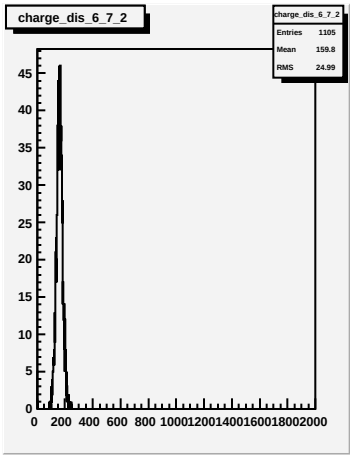
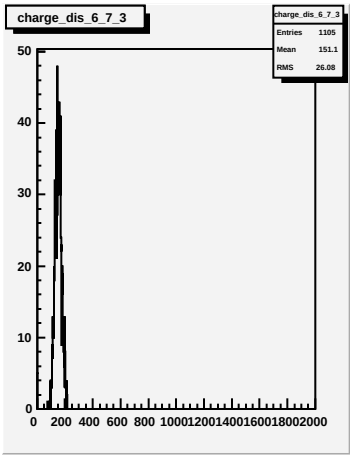
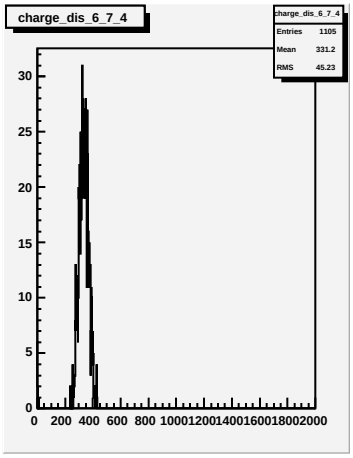
charge_dis_6_6_15
Entries 1105
Mean 126.3
RMS 26.38

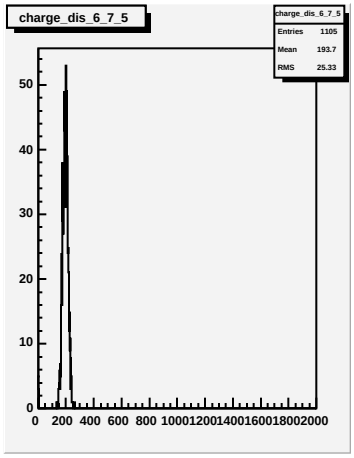

charge_dis_6_7_0
charge_dis_6_7_0
Entries 1105
Mean 119.9
RMS 20.61

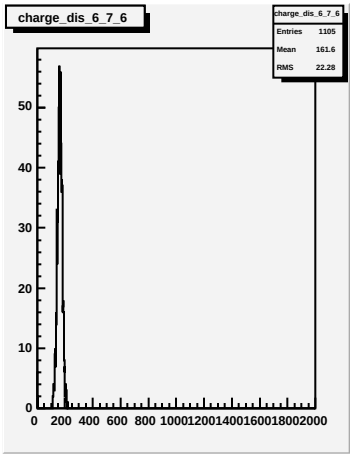

charge_dis_6_7_1
charge_dis_6_7_1
Entries 1105
Mean 102.1
RMS 26.33

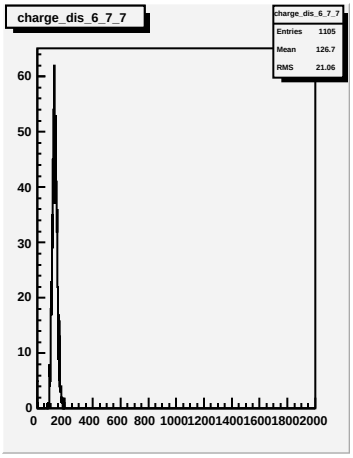

charge_dis_6_7_2
charge_dis_6_7_2
Entries 1105
Mean 159.8
RMS 24.99


charge_dis_6_7_3
charge_dis_6_7_3
Entries 1105
Mean 151.1
RMS 26.08


charge_dis_6_7_4
charge_dis_6_7_4
Entries 1105
Mean 331.2
RMS 45.23


charge_dis_6_7_5
charge_dis_6_7_5
Entries 1105
Mean 193.7
RMS 25.33


charge_dis_6_7_6
charge_dis_6_7_6
Entries 1105
Mean 161.6
RMS 22.28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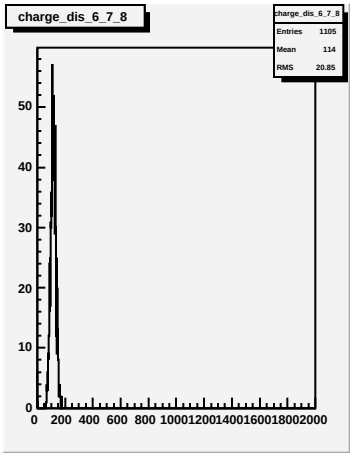
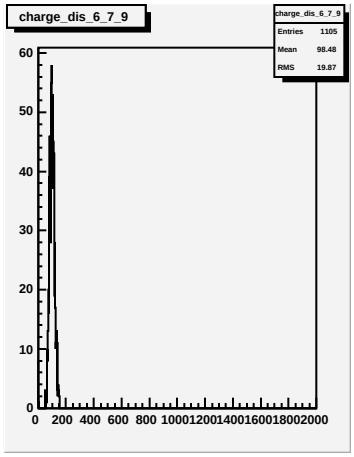
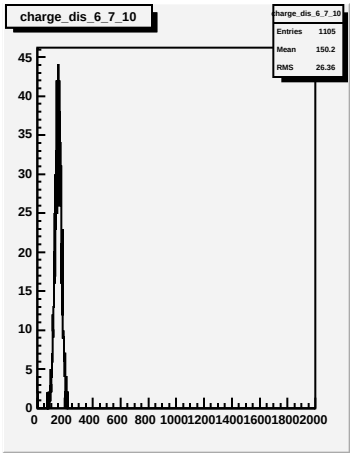
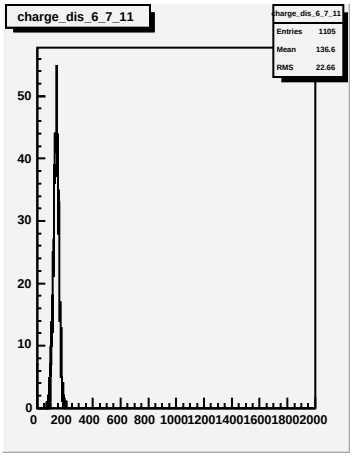
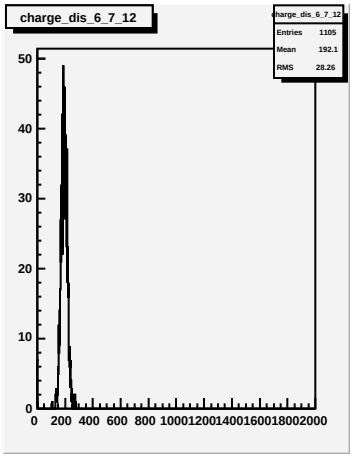
charge_dis_6_7_7
Entries 1105
Mean 126.7
RMS 21.06


charge_dis_6_7_8
charge_dis_6_7_8
Entries 1105
Mean 114
RMS 20.85


charge_dis_6_7_9
charge_dis_6_7_9
Entries 1105
Mean 98.48
RMS 19.87


charge_dis_6_7_10
charge_dis_6_7_10
Entries 1105
Mean 150.2
RMS 26.36


charge_dis_6_7_11
charge_dis_6_7_11
Entries 1105
Mean 136.6
RMS 22.66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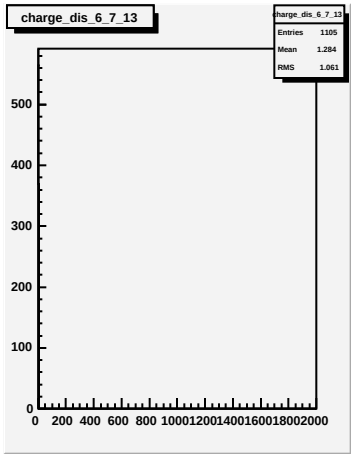
Entries 1105
Mean 192.1
RMS 28.26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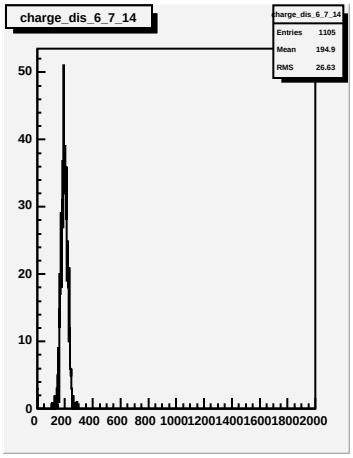
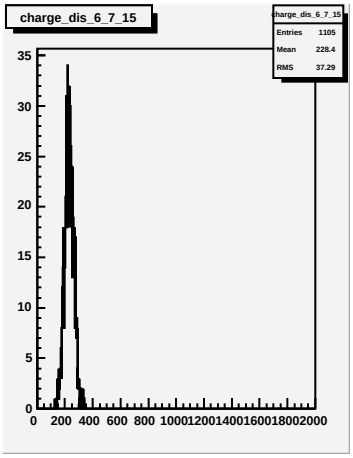
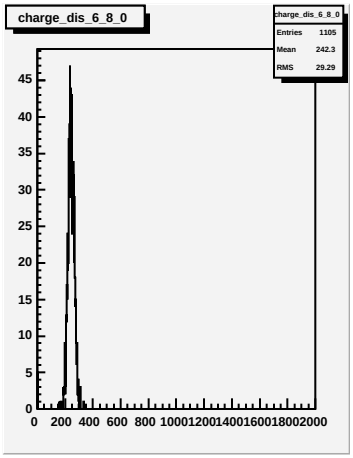
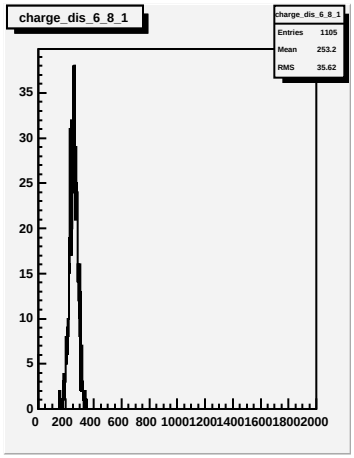
charge_dis_6_7_13
Entries 1105
Mean 1.284
RMS 1.061


charge_dis_6_7_14
charge_dis_6_7_14
Entries 1105
Mean 194.9
RMS 26.63


charge_dis_6_7_15
charge_dis_6_7_15
Entries 1105
Mean 228.4
RMS 37.29


charge_dis_6_8_0
charge_dis_6_8_0
Entries 1105
Mean 242.3
RMS 29.29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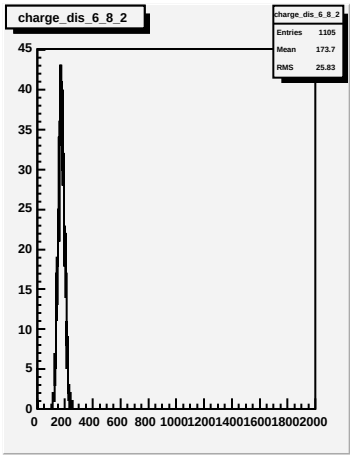
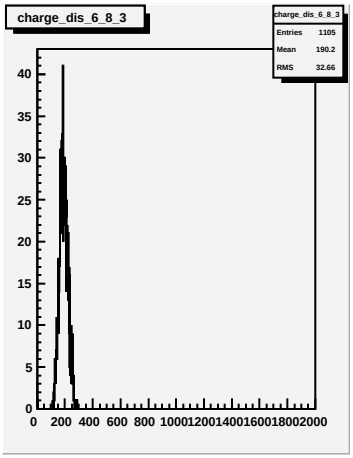
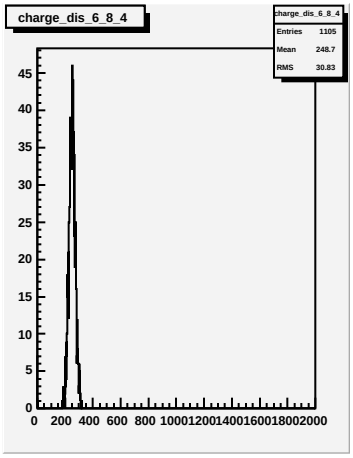
charge_dis_6_8_1
Entries 1105
Mean 253.2
RMS 35.62


charge_dis_6_8_2
charge_dis_6_8_2
Entries 1105
Mean 173.7
RMS 25.83


charge_dis_6_8_3
charge_dis_6_8_3
Entries 1105
Mean 190.2
RMS 32.66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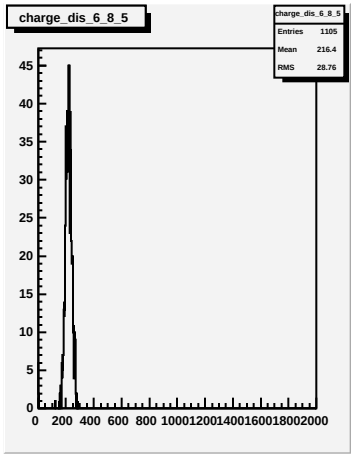
charge_dis_6_8_4
Entries 1105
Mean 248.7
RMS 30.83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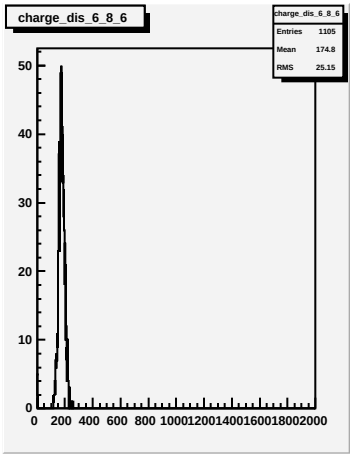
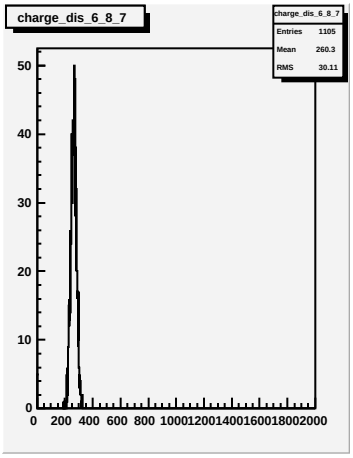
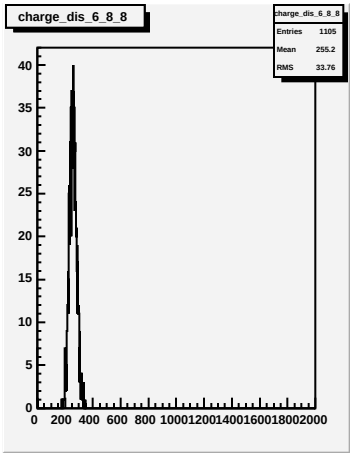
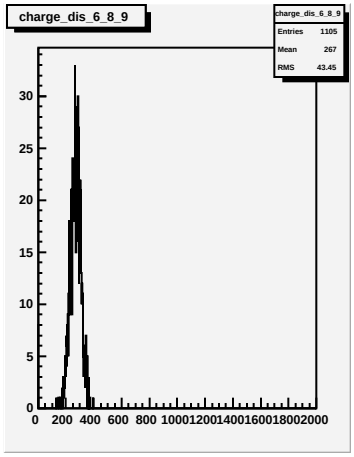
charge_dis_6_8_5
Entries 1105
Mean 216.4
RMS 28.76


charge_dis_6_8_6
charge_dis_6_8_6
Entries 1105
Mean 174.8
RMS 25.15


charge_dis_6_8_7
charge_dis_6_8_7
Entries 1105
Mean 260.3
RMS 30.11


charge_dis_6_8_8
charge_dis_6_8_8
Entries 1105
Mean 255.2
RMS 33.76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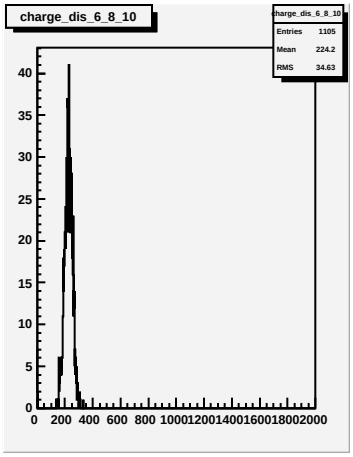
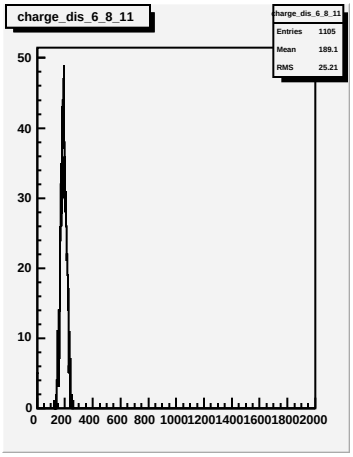
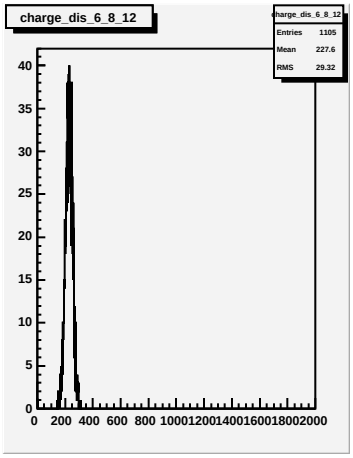
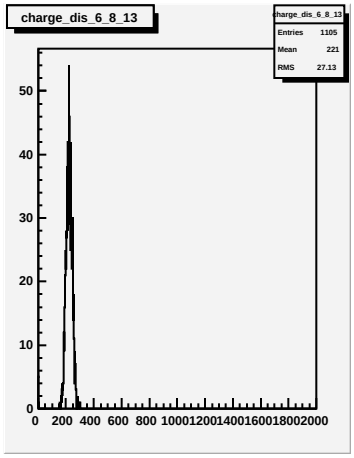
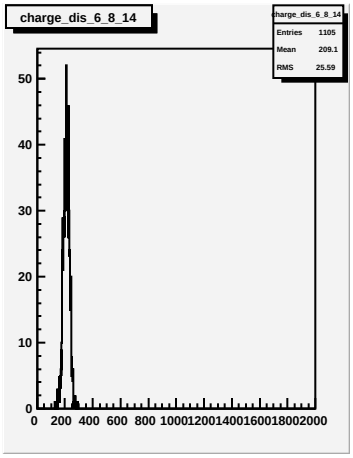
charge_dis_6_8_9
Entries 1105
Mean 267
RMS 43.45

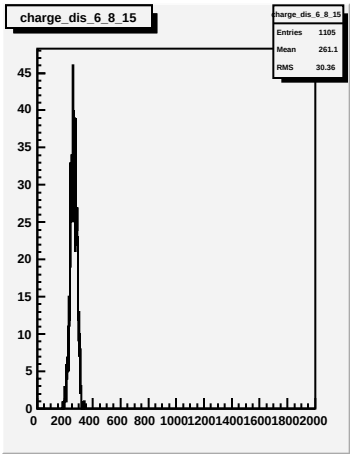

charge_dis_6_8_10
charge_dis_6_8_10
Entries 1105
Mean 224.2
RMS 34.63

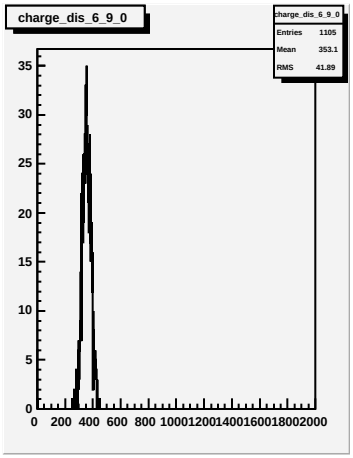

charge_dis_6_8_11
charge_dis_6_8_11
Entries 1105
Mean 189.1
RMS 25.21


charge_dis_6_8_12
charge_dis_6_8_12
Entries 1105
Mean 227.6
RMS 29.32


charge_dis_6_8_13
charge_dis_6_8_13
Entries 1105
Mean 221
RMS 27.13


charge_dis_6_8_14
charge_dis_6_8_14
Entries 1105
Mean 209.1
RMS 25.59


charge_dis_6_8_15
charge_dis_6_8_15
Entries 1105
Mean 261.1
RMS 30.36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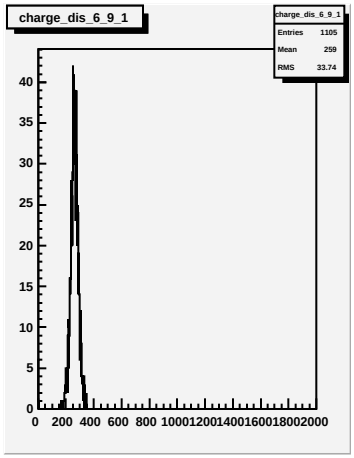
Entries 1105
Mean 353.1
RMS 41.89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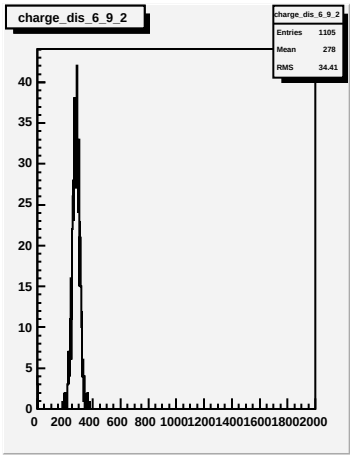
Entries 1105
Mean 259
RMS 33.74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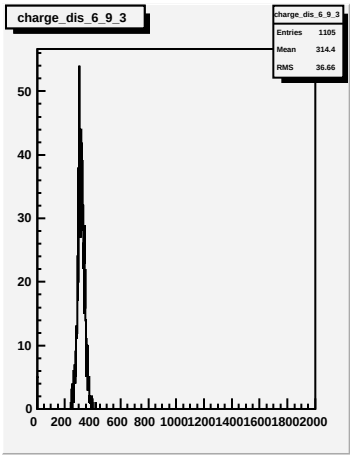
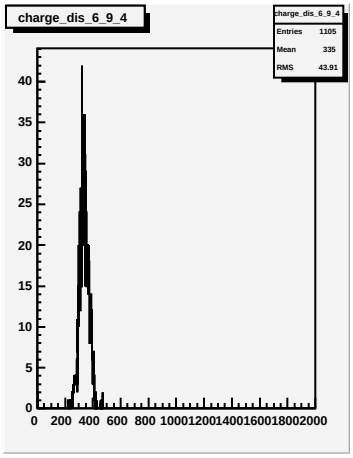
Entries 1105
Mean 278
RMS 34.41


charge_dis_6_9_3
charge_dis_6_9_3
Entries 1105
Mean 314.4
RMS 36.66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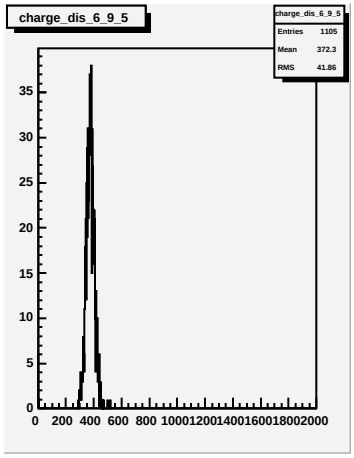
charge_dis_6_9_4
Entries 1105
Mean 335
RMS 43.91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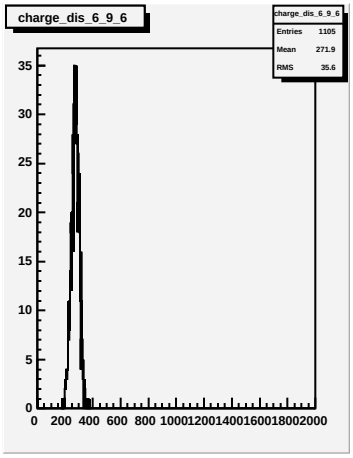
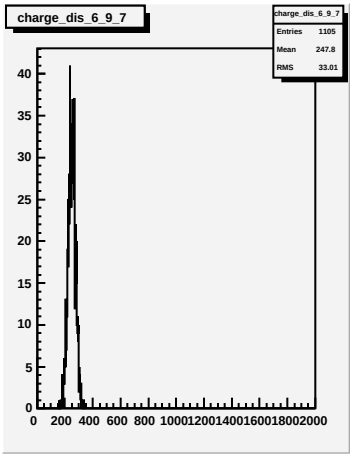
Entries 1105
Mean 372.3
RMS 41.86


charge_dis_6_9_6
charge_dis_6_9_6
Entries 1105
Mean 271.9
RMS 35.6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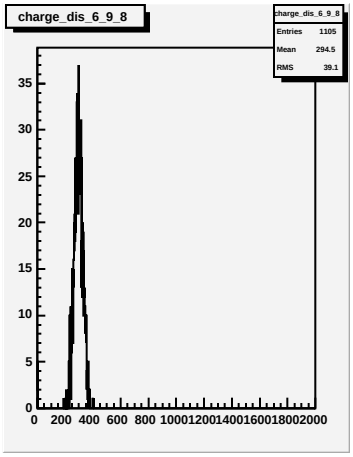
Entries 1105
Mean 247.8
RMS 33.01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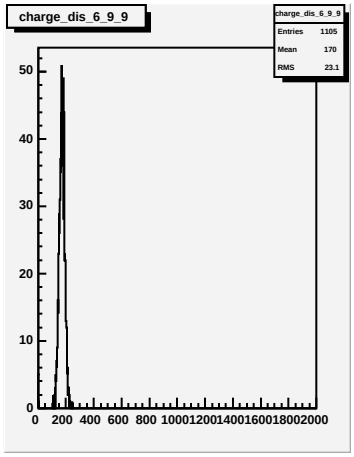
charge_dis_6_9_8
Entries 1105
Mean 294.5
RMS 39.1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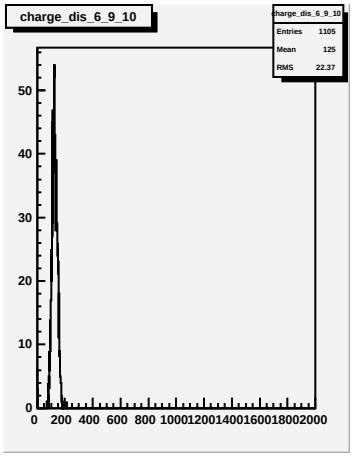
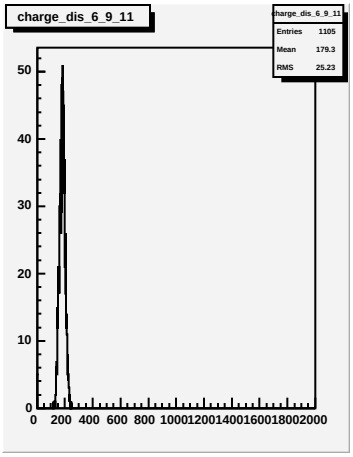
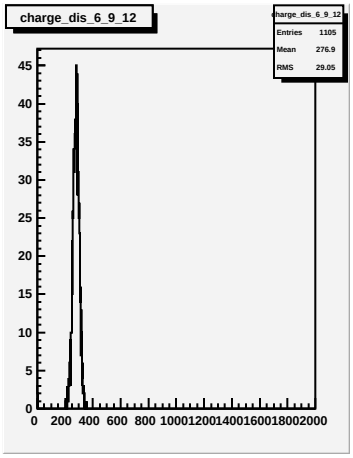
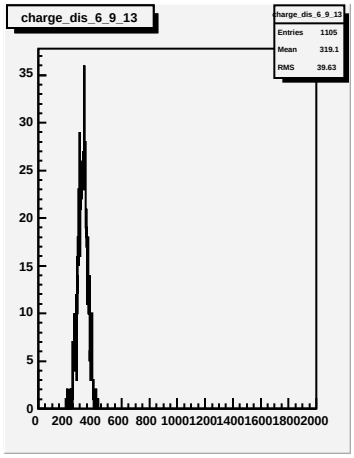
charge_dis_6_9_9
Entries 1105
Mean 170
RMS 23.1


charge_dis_6_9_10
charge_dis_6_9_10
Entries 1105
Mean 125
RMS 22.37


charge_dis_6_9_11
charge_dis_6_9_11
Entries 1105
Mean 179.3
RMS 25.23


charge_dis_6_9_12
charge_dis_6_9_12
Entries 1105
Mean 276.9
RMS 29.05


charge_dis_6_9_13
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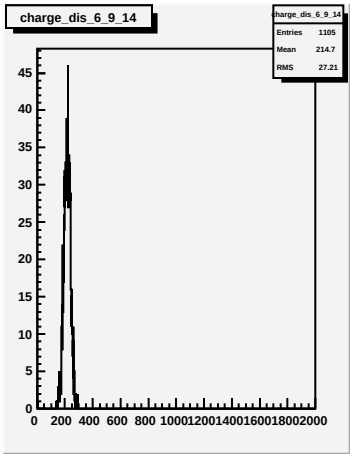
Entries 1105
Mean 319.1
RMS 39.63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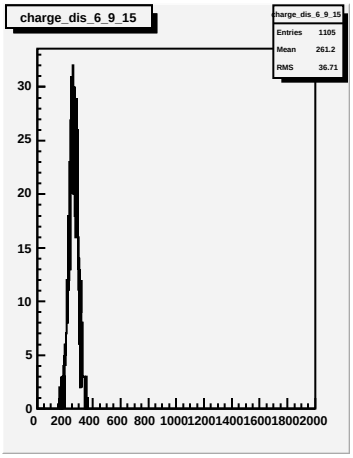
charge_dis_6_9_14
Entries 1105
Mean 214.7
RMS 27.21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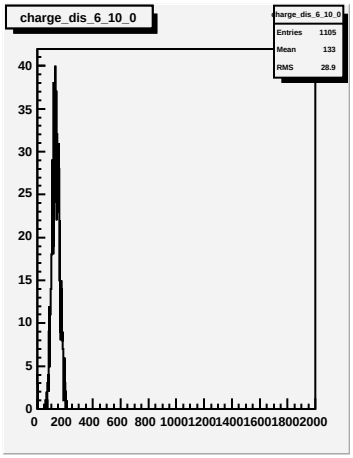
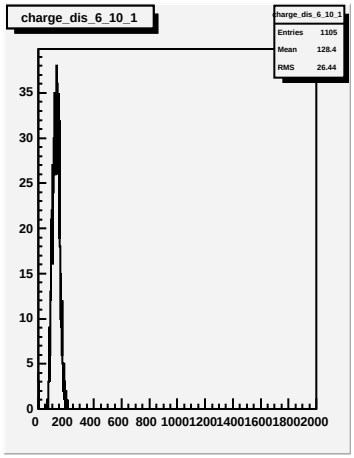
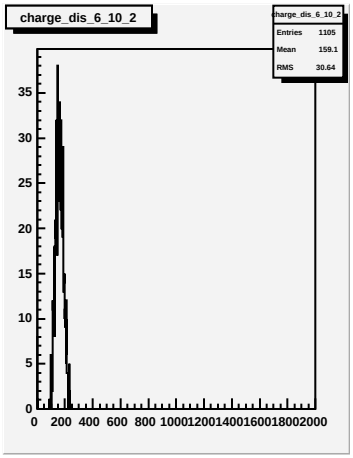
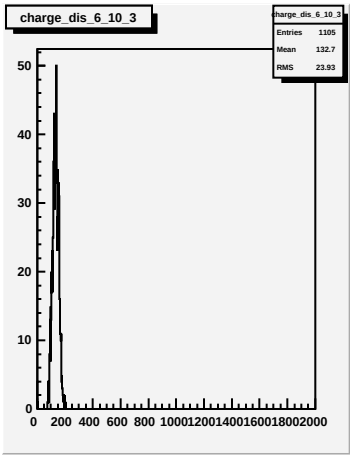
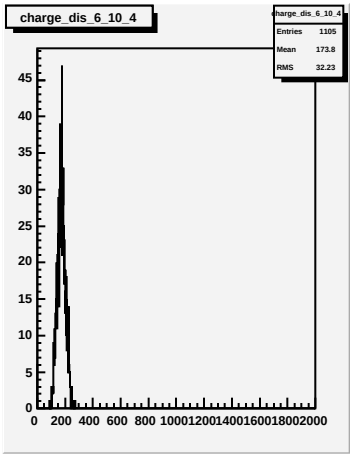
Entries 1105
Mean 261.2
RMS 36.71

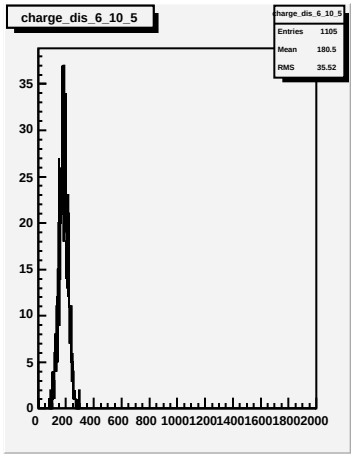

charge_dis_6_10_0
charge_dis_6_10_0
Entries 1105
Mean 133
RMS 28.9

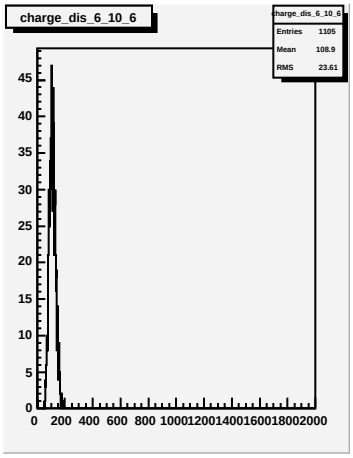

charge_dis_6_10_1
charge_dis_6_10_1
Entries 1105
Mean 128.4
RMS 26.44

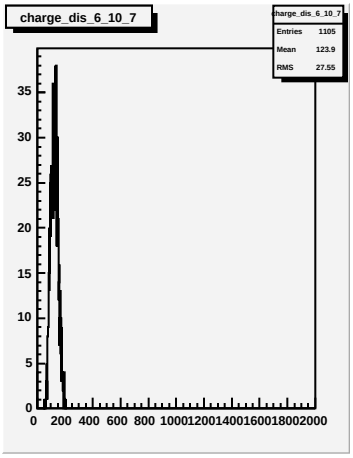

charge_dis_6_10_2
charge_dis_6_10_2
Entries 1105
Mean 159.1
RMS 30.64

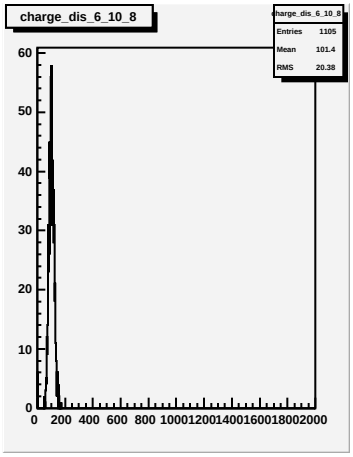

charge_dis_6_10_3
charge_dis_6_10_3
Entries 1105
Mean 132.7
RMS 23.93


charge_dis_6_10_4
charge_dis_6_10_4
Entries 1105
Mean 173.8
RMS 32.23


charge_dis_6_10_5
charge_dis_6_10_5
Entries 1105
Mean 180.5
RMS 35.52


charge_dis_6_10_6
charge_dis_6_10_6
Entries 1105
Mean 108.9
RMS 23.61


charge_dis_6_10_7
charge_dis_6_10_7
Entries 1105
Mean 123.9
RMS 27.55


charge_dis_6_10_8
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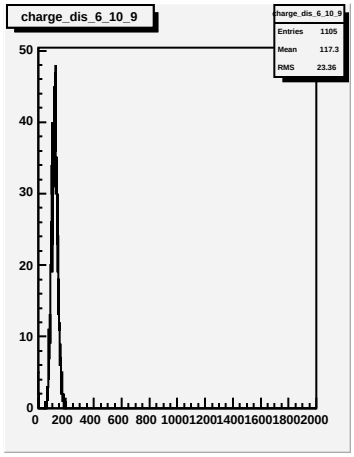
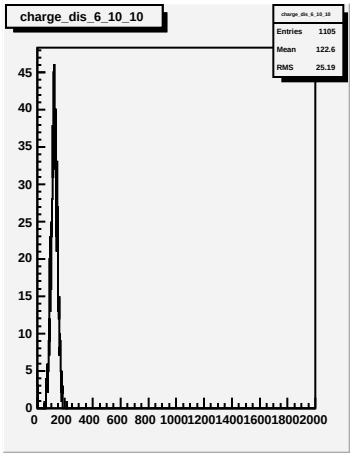
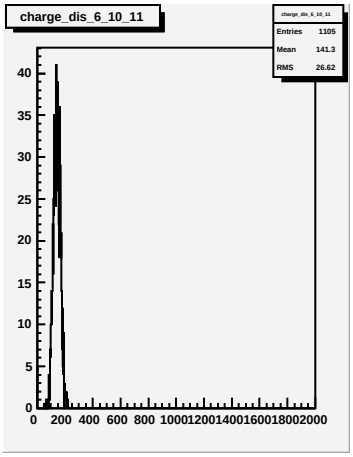
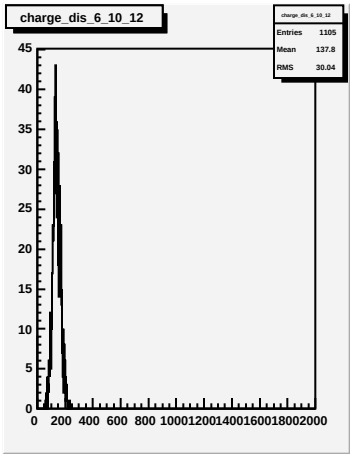
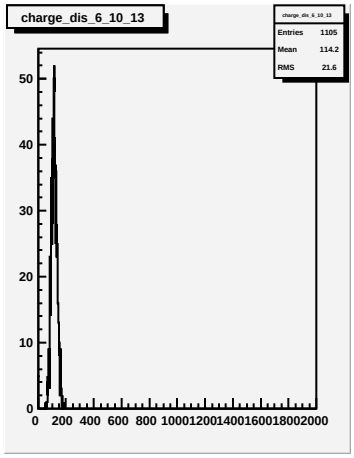
Entries 1105
Mean 101.4
RMS 20.38

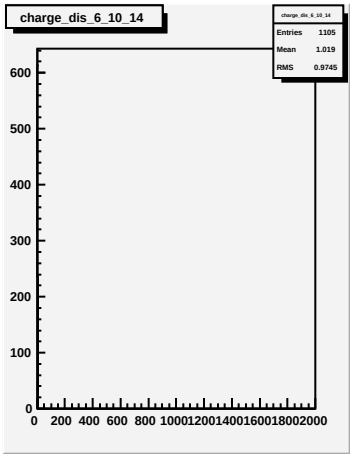

charge_dis_6_10_9
charge_dis_6_10_9
Entries 1105
Mean 117.3
RMS 23.36

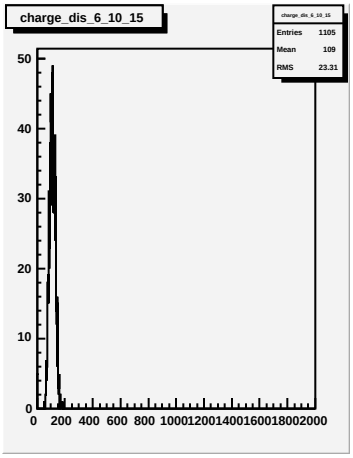

charge_dis_6_10_10
charge_dis_6_10_10
Entries 1105
Mean 122.6
RMS 25.19

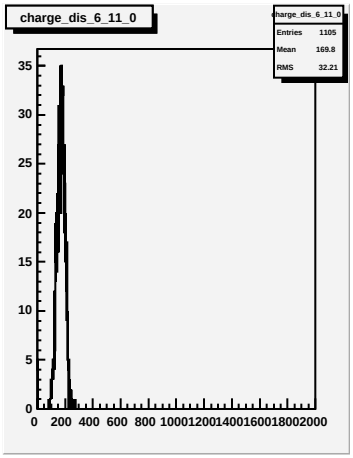

charge_dis_6_10_11
charge_dis_6_10_11
Entries 1105
Mean 141.3
RMS 26.62

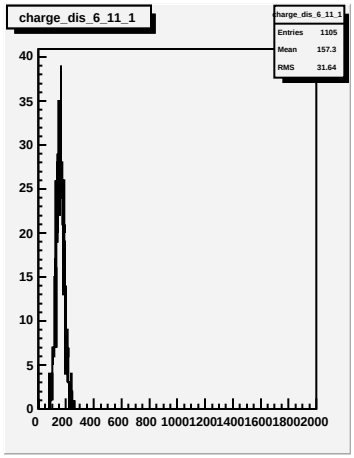

charge_dis_6_10_12
charge_dis_6_10_12
Entries 1105
Mean 137.8
RMS 30.04

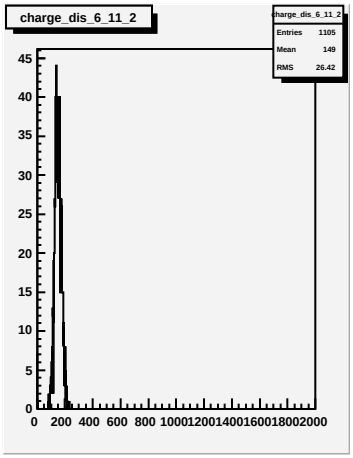

charge_dis_6_10_13
charge_dis_6_10_13
Entries 1105
Mean 114.2
RMS 21.6

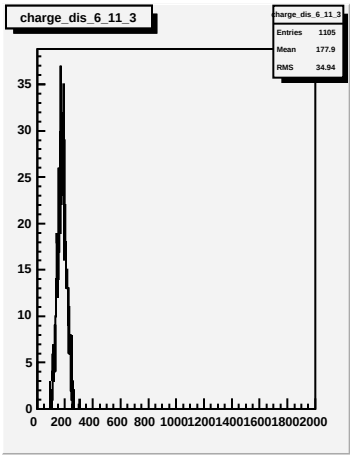

charge_dis_6_10_14
charge_dis_6_10_14
Entries 1105
Mean 1.019
RMS 0.9745

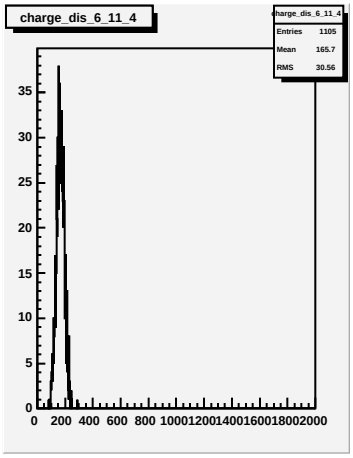

charge_dis_6_10_15
charge_dis_6_10_15
Entries 1105
Mean 109
RMS 23.31

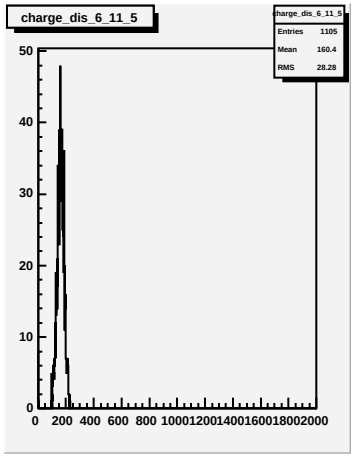

charge_dis_6_11_0
charge_dis_6_11_0
Entries 1105
Mean 169.8
RMS 32.21

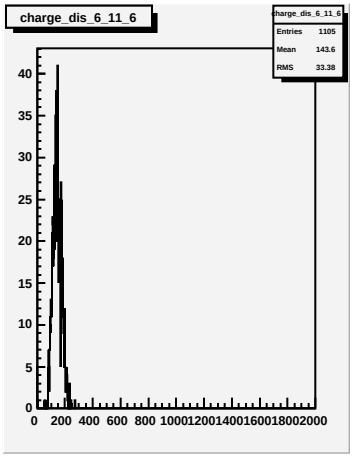

charge_dis_6_11_1
charge_dis_6_11_1
Entries 1105
Mean 157.3
RMS 31.64

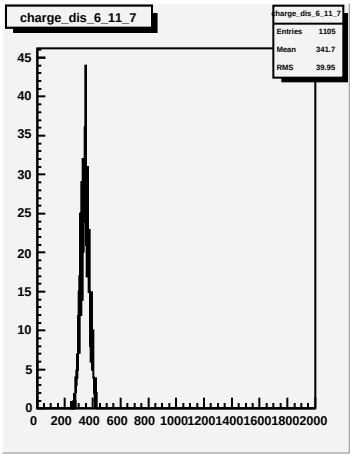

charge_dis_6_11_2
charge_dis_6_11_2
Entries 1105
Mean 149
RMS 26.42

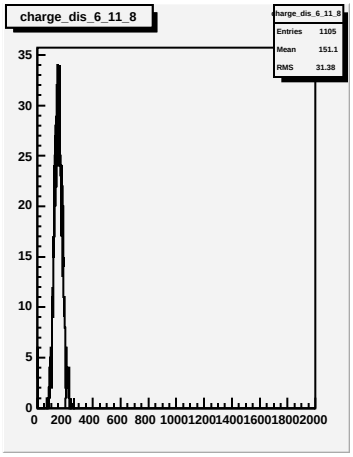

charge_dis_6_11_3
charge_dis_6_11_3
Entries 1105
Mean 177.9
RMS 34.94

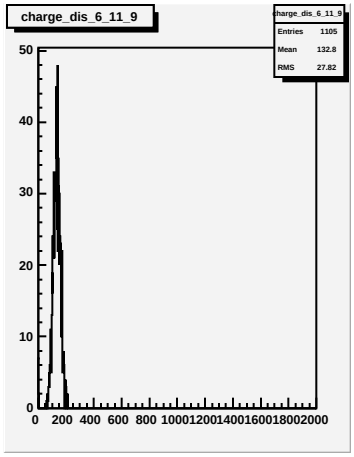

charge_dis_6_11_4
charge_dis_6_11_4
Entries 1105
Mean 165.7
RMS 30.56

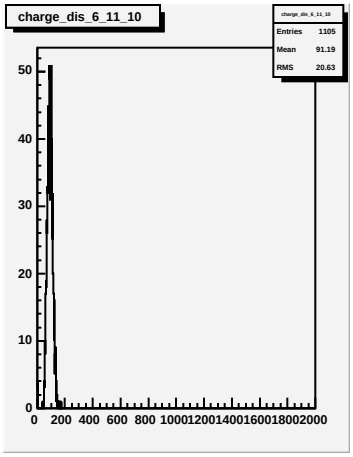

charge_dis_6_11_5
charge_dis_6_11_5
Entries 1105
Mean 160.4
RMS 28.28

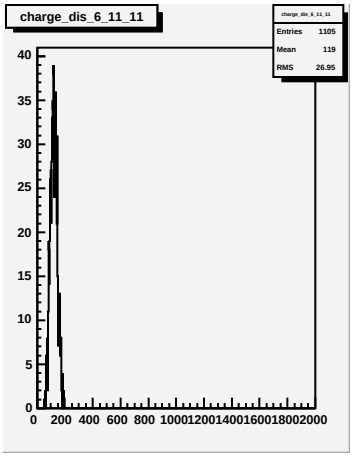

charge_dis_6_11_6
charge_dis_6_11_6
Entries 1105
Mean 143.6
RMS 33.38


charge_dis_6_11_7
charge_dis_6_11_7
Entries 1105
Mean 341.7
RMS 39.95


charge_dis_6_11_8
charge_dis_6_11_8
Entries 1105
Mean 151.1
RMS 31.38


charge_dis_6_11_9
charge_dis_6_11_9
Entries 1105
Mean 132.8
RMS 27.82


charge_dis_6_11_10
charge_dis_6_11_10
Entries 1105
Mean 91.19
RMS 20.63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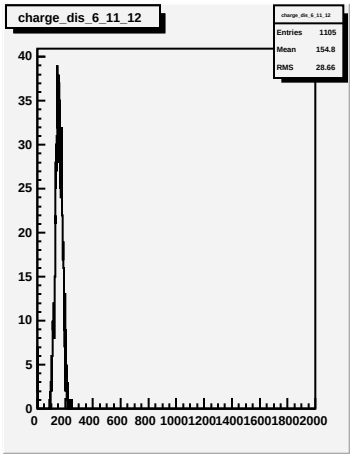
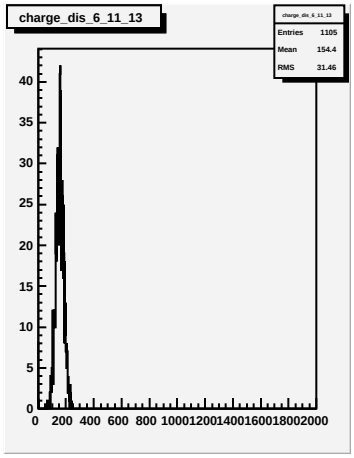
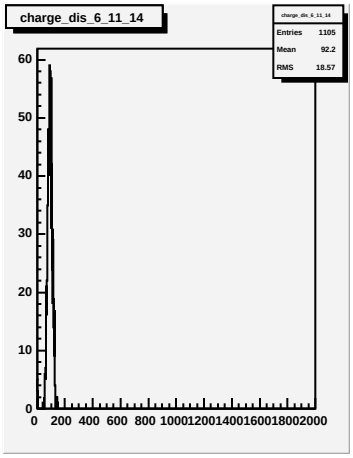
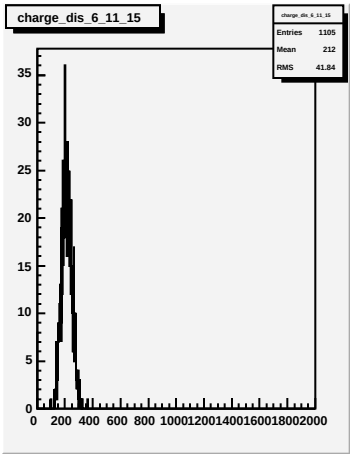
Entries 1105
Mean 119
RMS 26.95


charge_dis_6_11_12
charge_dis_6_11_12
Entries 1105
Mean 154.8
RMS 28.66


charge_dis_6_11_13
charge_dis_6_11_13
Entries 1105
Mean 154.4
RMS 31.46


charge_dis_6_11_14
charge_dis_6_11_14
Entries 1105
Mean 92.2
RMS 18.57


charge_dis_6_11_15
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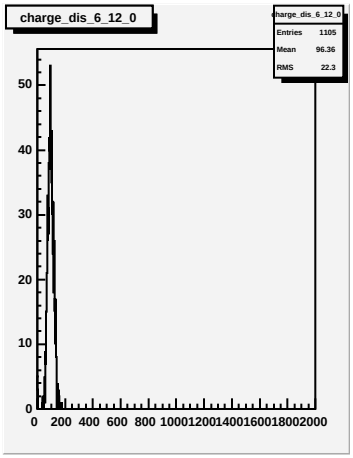
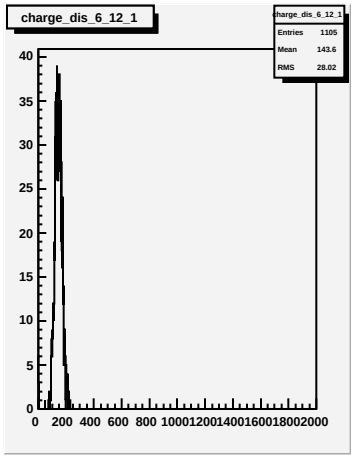
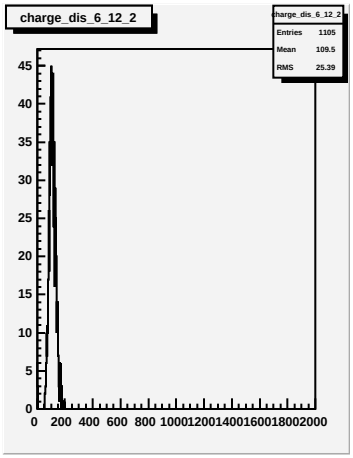
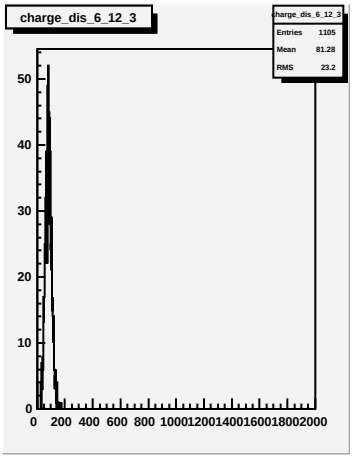
Entries 1105
Mean 212
RMS 41.84


charge_dis_6_12_0
charge_dis_6_12_0
Entries 1105
Mean 96.36
RMS 22.3


charge_dis_6_12_1
charge_dis_6_12_1
Entries 1105
Mean 143.6
RMS 28.02


charge_dis_6_12_2
charge_dis_6_12_2
Entries 1105
Mean 109.5
RMS 25.39


charge_dis_6_12_3
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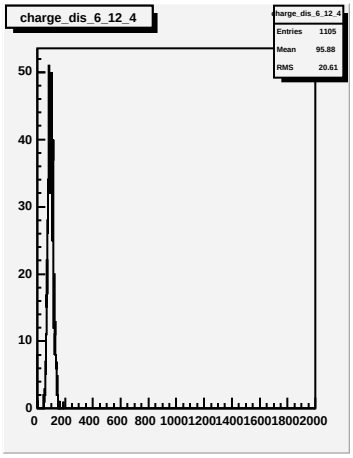
Entries 1105
Mean 81.28
RMS 23.2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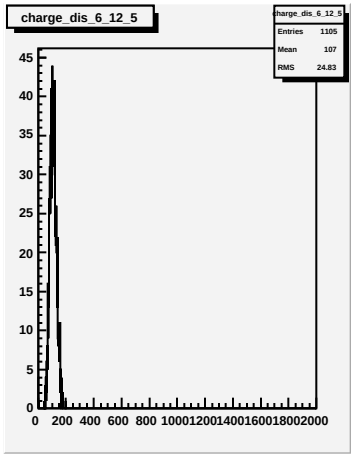
Entries 1105
Mean 95.88
RMS 20.61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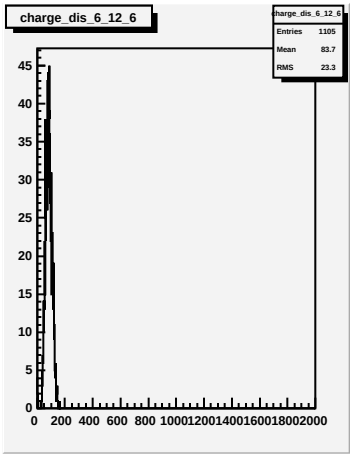
charge_dis_6_12_5
Entries 1105
Mean 107
RMS 24.83


charge_dis_6_12_6
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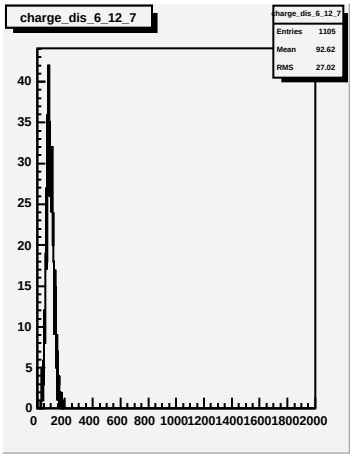
Entries 1105
Mean 83.7
RMS 23.3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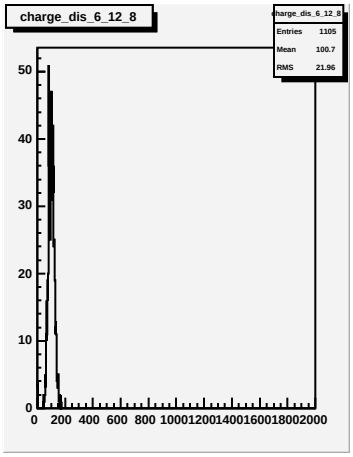
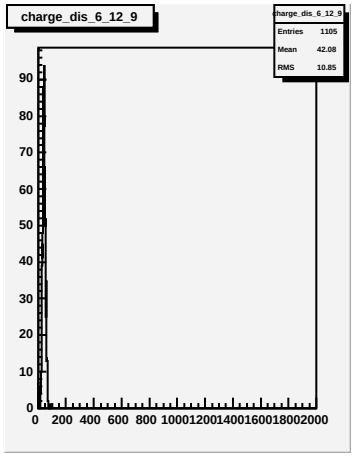
charge_dis_6_12_7
Entries 1105
Mean 92.62
RMS 27.02


charge_dis_6_12_8
charge_dis_6_12_8
Entries 1105
Mean 100.7
RMS 21.96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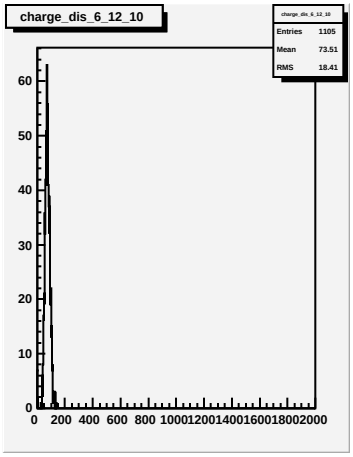
charge_dis_6_12_9
Entries 1105
Mean 42.08
RMS 10.85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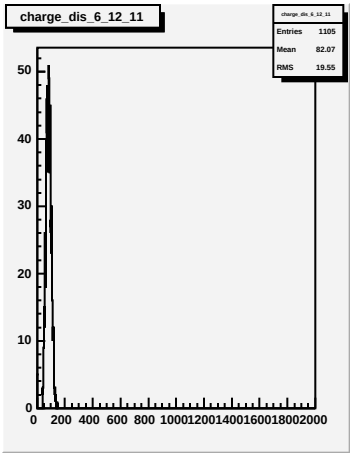
charge_dis_6_12_10
Entries 1105
Mean 73.51
RMS 18.41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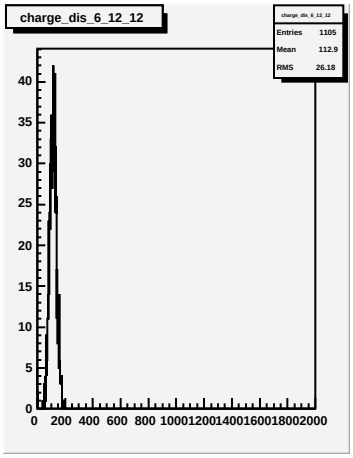
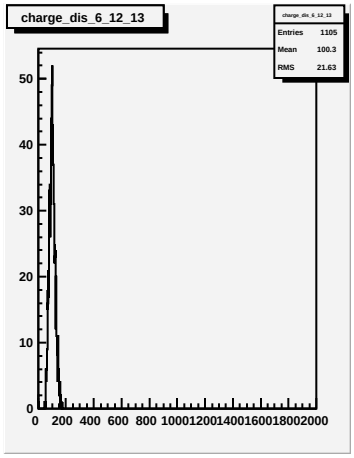
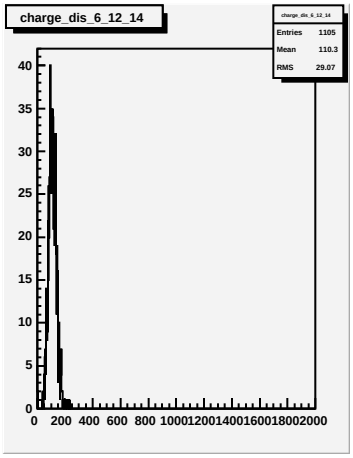
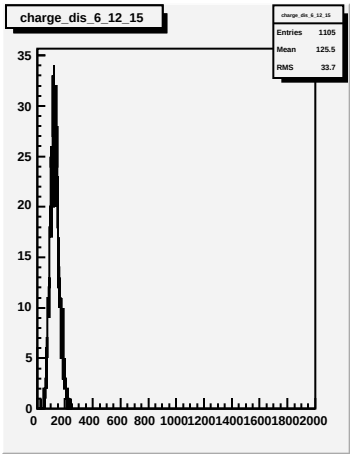
charge_dis_6_12_11
Entries 1105
Mean 82.07
RMS 19.55


charge_dis_6_12_12
charge_dis_6_12_12
Entries 1105
Mean 112.9
RMS 26.18


charge_dis_6_12_13
charge_dis_6_12_13
Entries 1105
Mean 100.3
RMS 21.63


charge_dis_6_12_14
charge_dis_6_12_14
Entries 1105
Mean 110.3
RMS 29.07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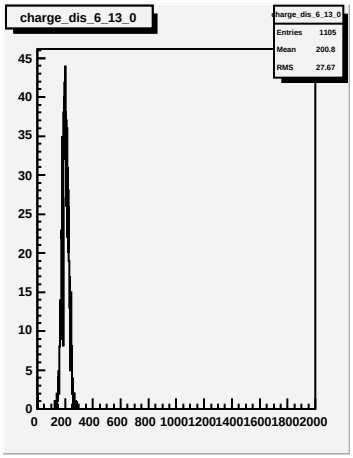
charge_dis_6_12_15
Entries 1105
Mean 125.5
RMS 33.7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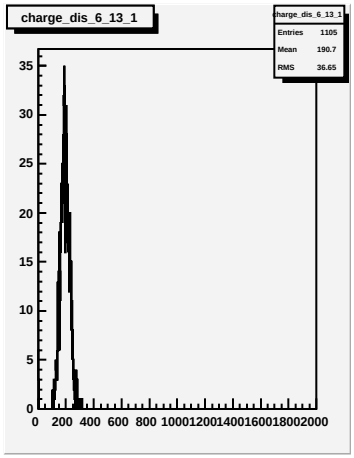
charge_dis_6_13_0
Entries 1105
Mean 200.8
RMS 27.67


charge_dis_6_13_1
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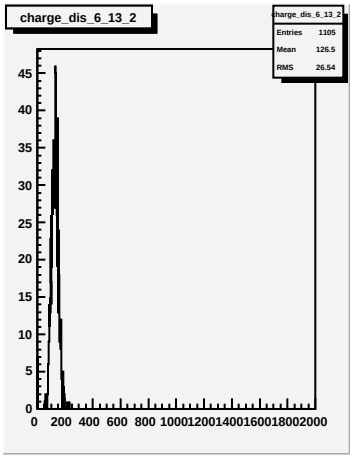
Entries 1105
Mean 190.7
RMS 36.65


charge_dis_6_13_2
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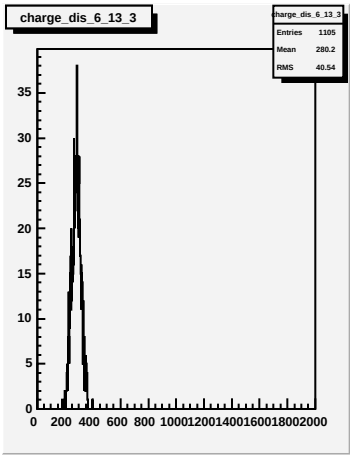
Entries 1105
Mean 126.5
RMS 26.54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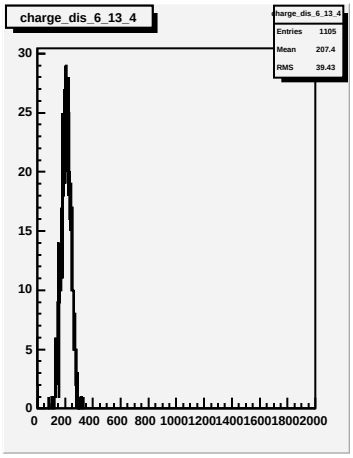
Entries 1105
Mean 280.2
RMS 40.54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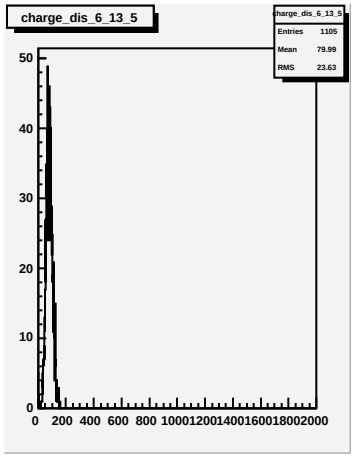
Entries 1105
Mean 207.4
RMS 39.43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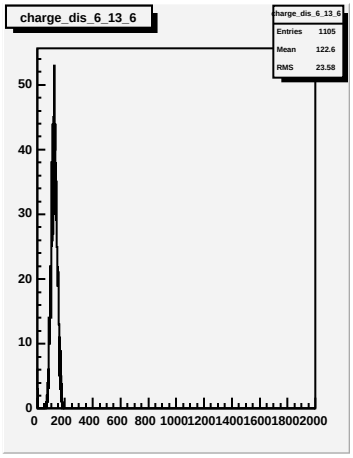
Entries 1105
Mean 79.99
RMS 23.63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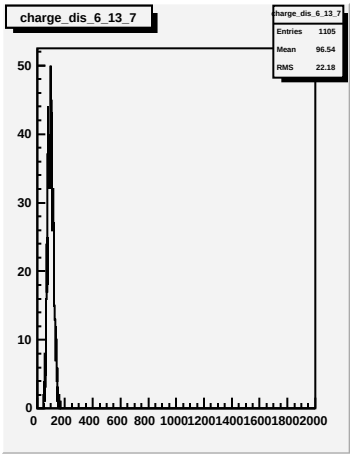
Entries 1105
Mean 122.6
RMS 23.58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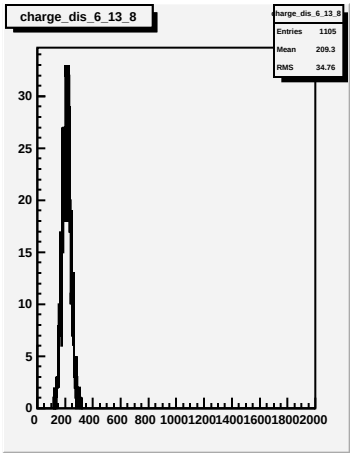
Entries 1105
Mean 96.54
RMS 22.18


charge_dis_6_13_8
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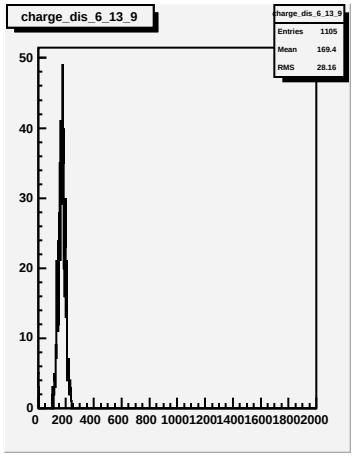
Entries 1105
Mean 209.3
RMS 34.76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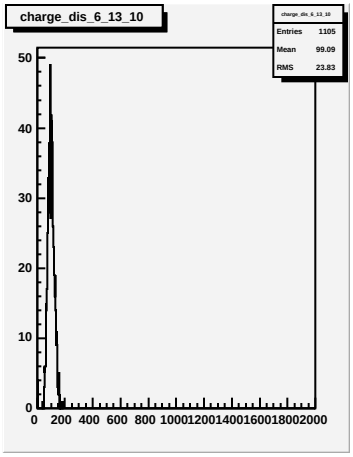
charge_dis_6_13_9
Entries 1105
Mean 169.4
RMS 28.16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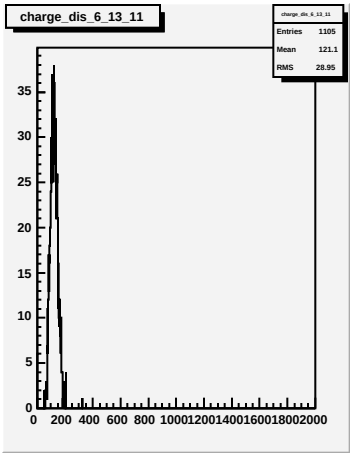
Mean 99.09
RMS 23.83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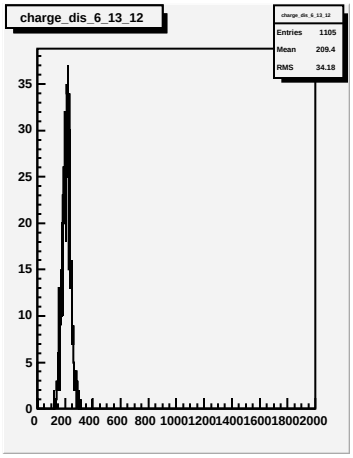
Entries 1105
Mean 121.1
RMS 28.95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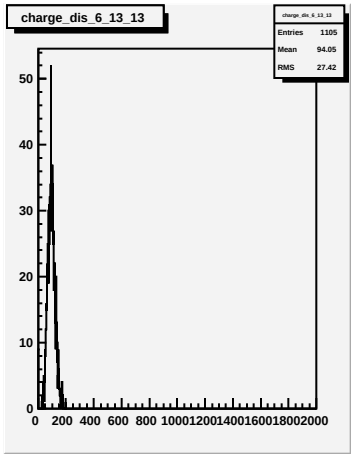
Entries 1105
Mean 209.4
RMS 34.18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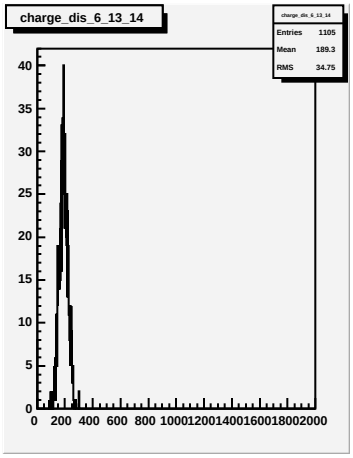
Entries 1105
Mean 94.05
RMS 27.42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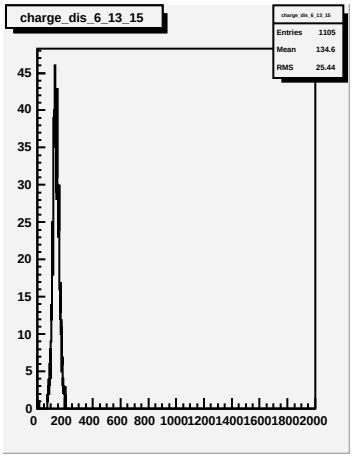
charge_dis_6_13_14
Entries 1105
Mean 189.3
RMS 34.75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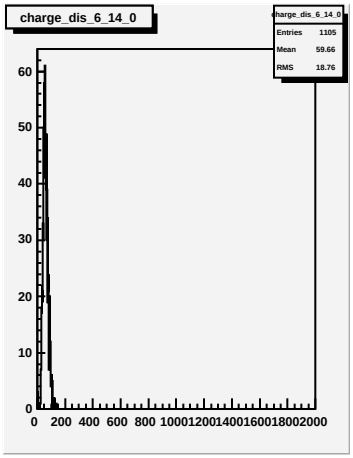
Entries 1105
Mean 134.6
RMS 25.44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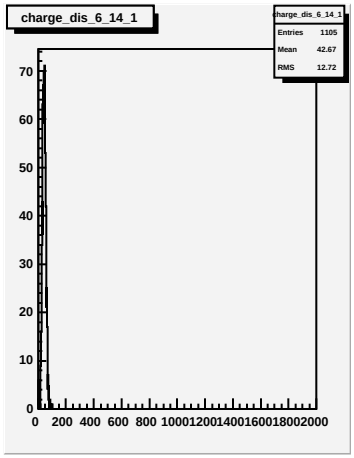
Entries 1105
Mean 59.66
RMS 18.76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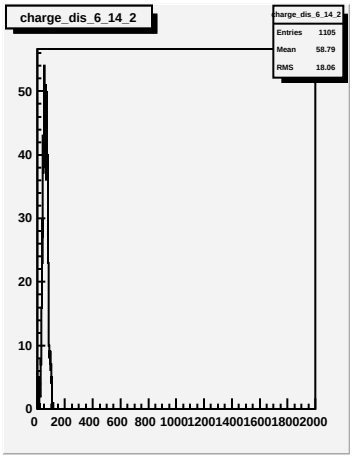
Mean 42.67
RMS 12.72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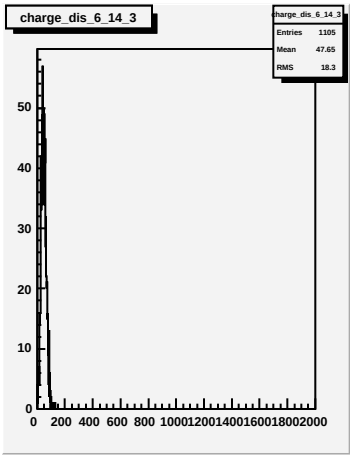
Mean 58.79
RMS 18.06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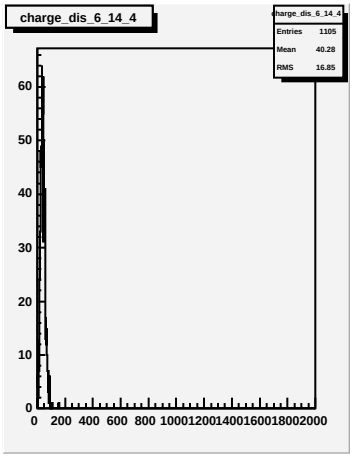
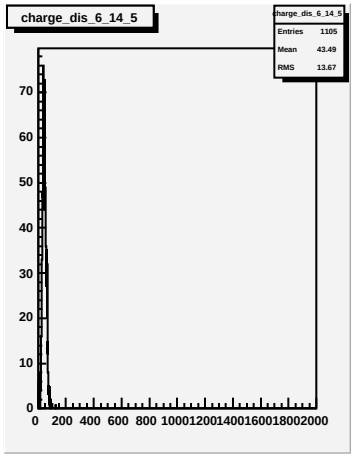
Entries 1105
Mean 47.65
RMS 18.3


charge_dis_6_14_4
Entries 1105
Mean 40.28
RMS 16.85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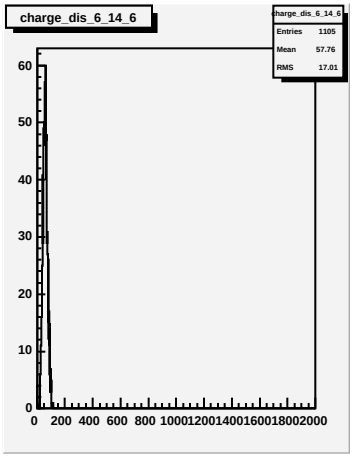
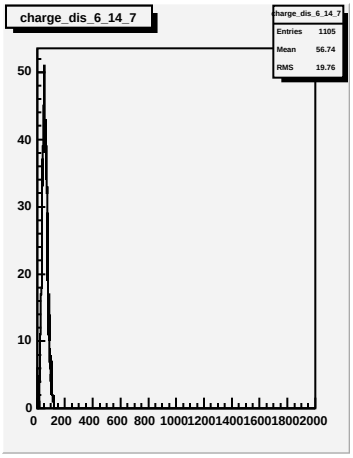
Entries 1105
Mean 43.49
RMS 13.67


charge_dis_6_14_6
Entries 1105
Mean 57.76
RMS 17.01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Entries 1105
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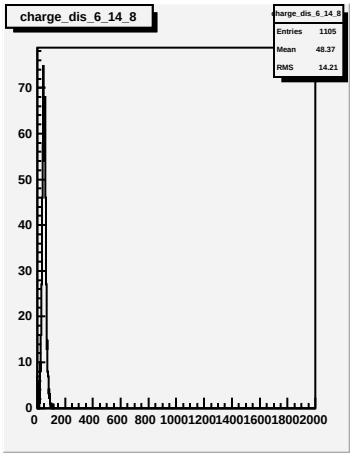
RMS 19.76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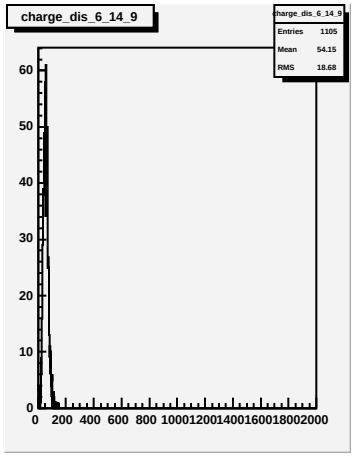
Entries 1105
Mean 48.37
RMS 14.21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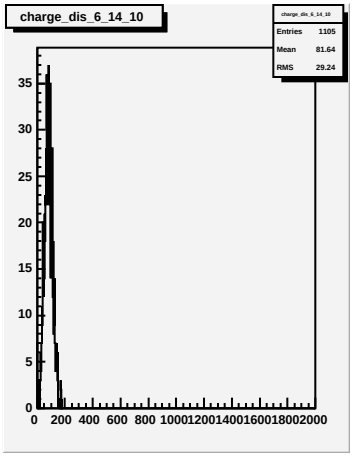
Mean 54.15
RMS 18.68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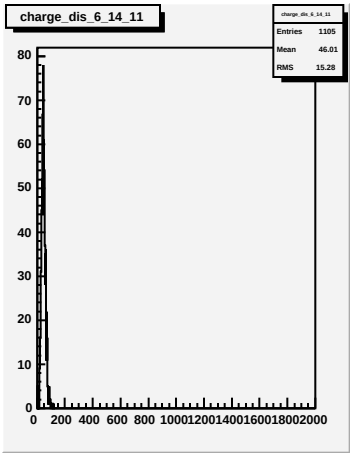
Entries 1105
Mean 81.64
RMS 29.24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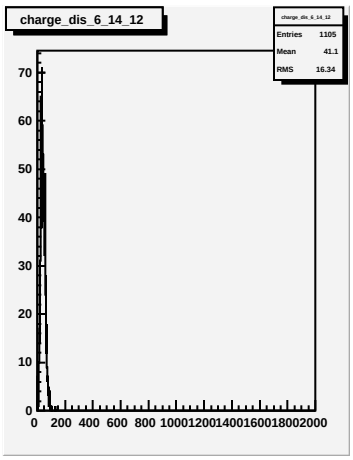
Entries 1105
Mean 46.01
RMS 15.28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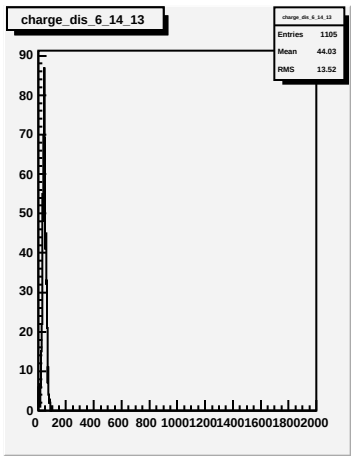
Entries 1105
Mean 41.1
RMS 16.34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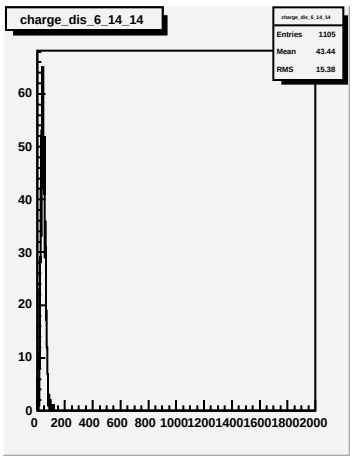
Entries 1105
Mean 44.03
RMS 13.52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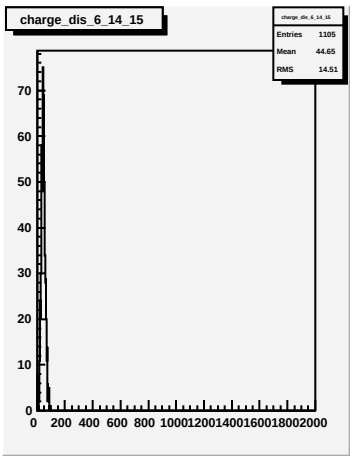
Entries 1105
Mean 43.44
RMS 15.38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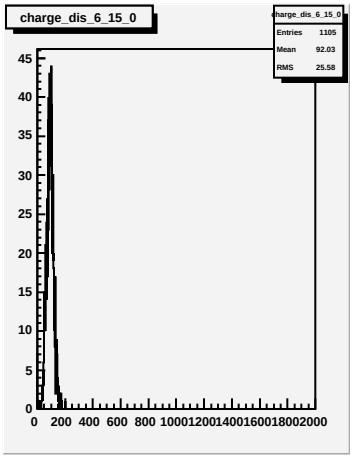
Entries 1105
Mean 44.65
RMS 14.51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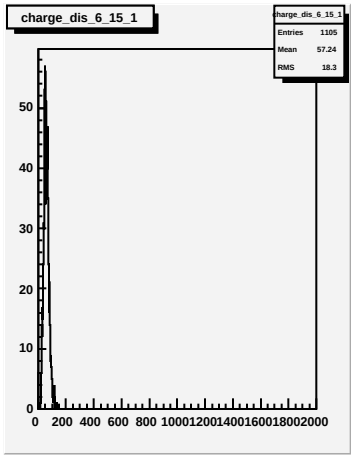
Entries 1105
Mean 92.03
RMS 25.58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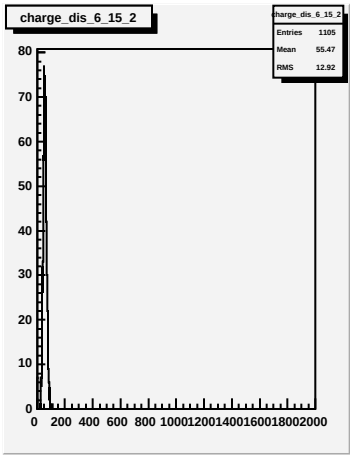
Entries 1105
Mean 57.24
RMS 18.3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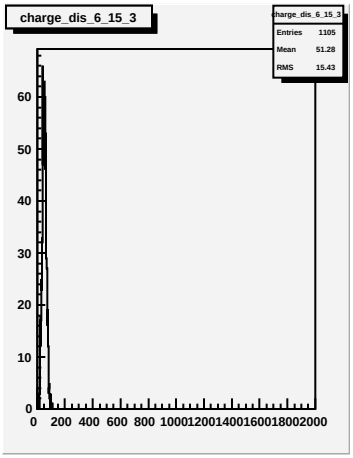
Entries 1105
Mean 55.47
RMS 12.92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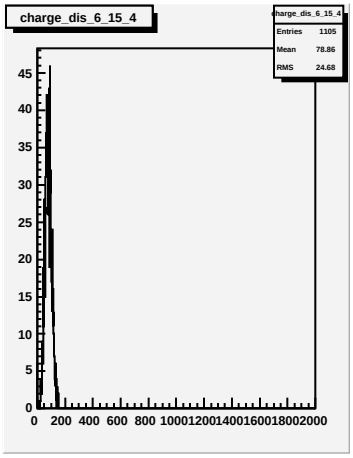
Entries 1105
Mean 51.28
RMS 15.43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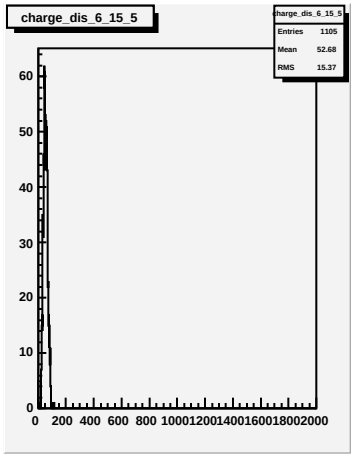
Mean 78.86
RMS 24.68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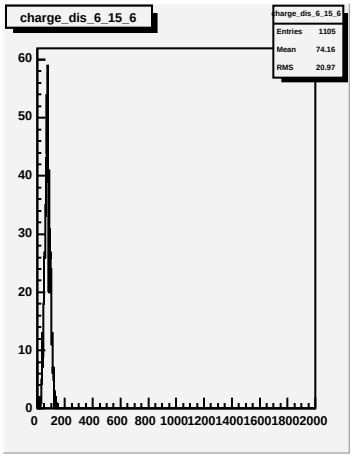
Entries 1105
Mean 52.68
RMS 15.37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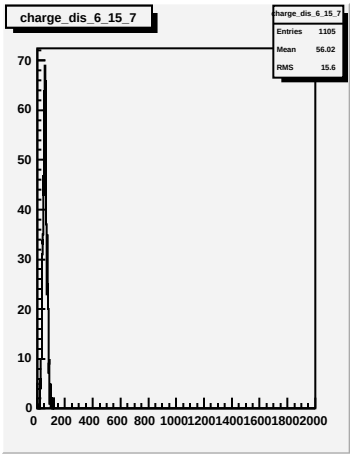
Mean 74.16
RMS 20.97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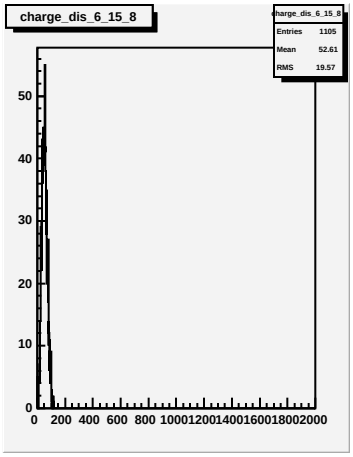
Mean 56.02
RMS 15.6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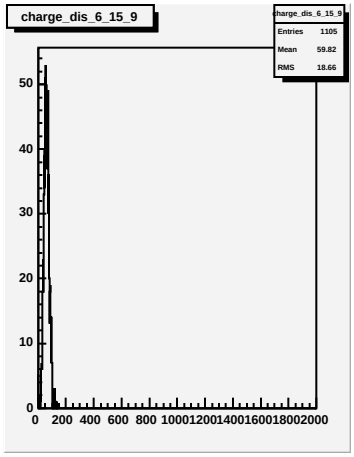
Mean 52.61
RMS 19.57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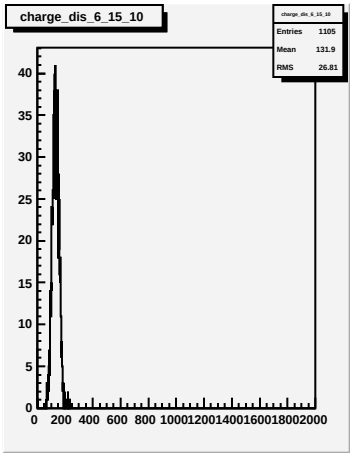
Mean 59.82
RMS 18.66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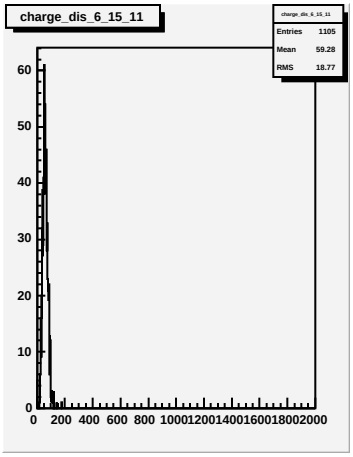
Entries 1105
Mean 131.9
RMS 26.81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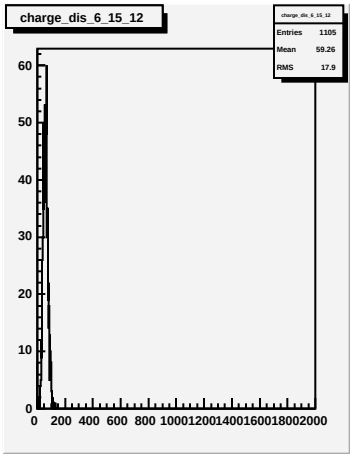
charge_dis_6_15_11
Entries 1105
Mean 59.28
RMS 18.77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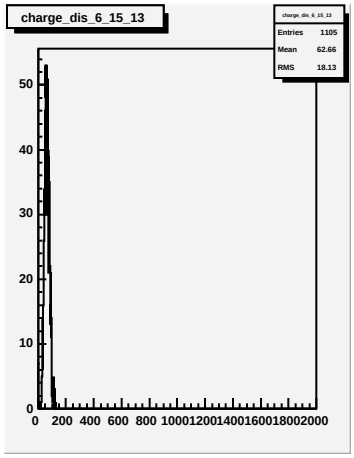
Entries 1105
Mean 59.26
RMS 17.9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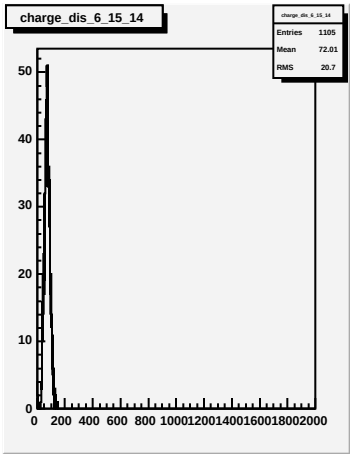
charge_dis_6_15_13
Entries 1105
Mean 62.66
RMS 18.13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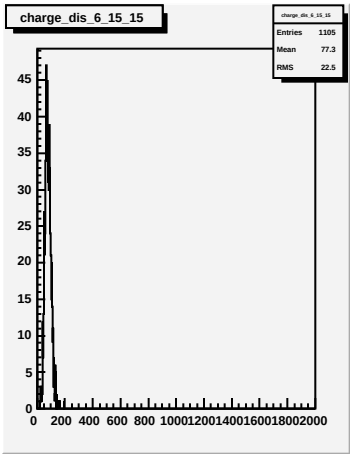
charge_dis_6_15_14
Entries 1105
Mean 72.01
RMS 20.7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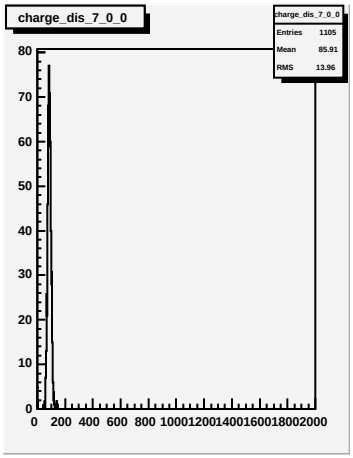
Entries 1105
Mean 77.3
RMS 22.5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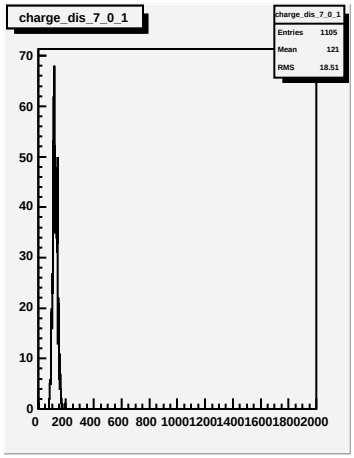
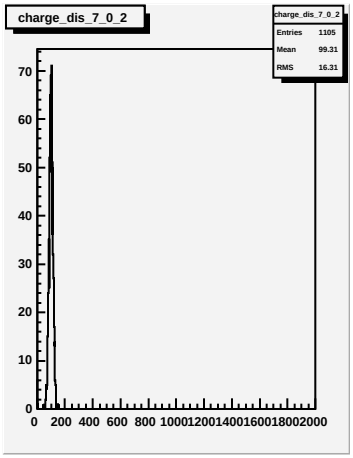
RMS 13.96


charge_dis_7_0_1
charge_dis_7_0_1
Entries 1105
Mean 121
RMS 18.51


charge_dis_7_0_2
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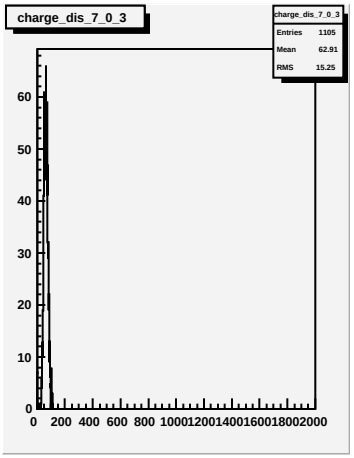
Entries 1105
Mean 99.31
RMS 16.31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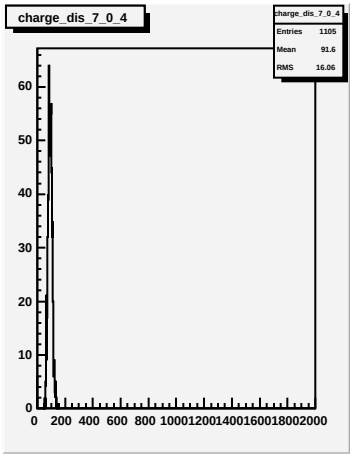
Entries 1105
Mean 62.91
RMS 15.25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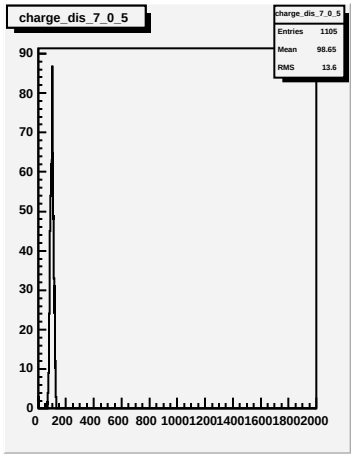
charge_dis_7_0_4
Entries 1105
Mean 91.6
RMS 16.06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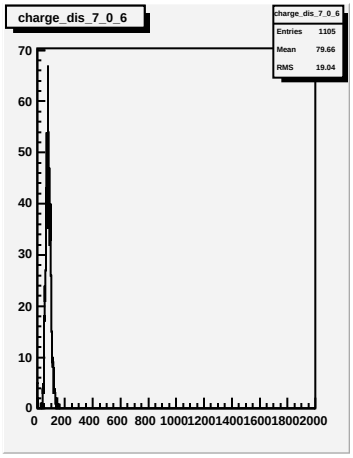
Mean 98.65
RMS 13.6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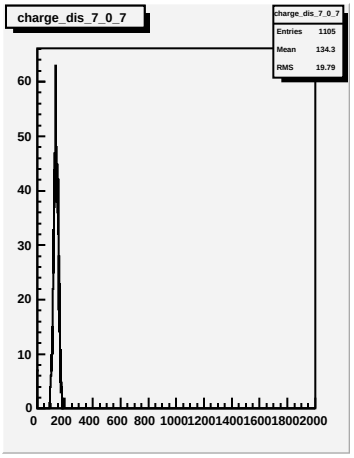
charge_dis_7_0_6
Entries 1105
Mean 79.66
RMS 19.04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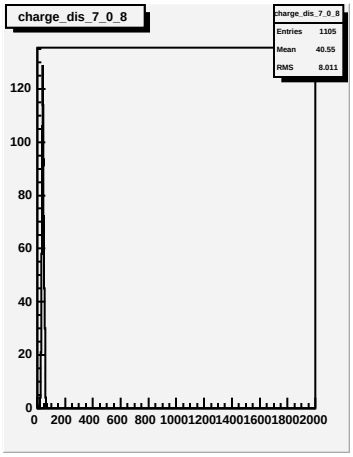
Entries 1105
Mean 134.3
RMS 19.79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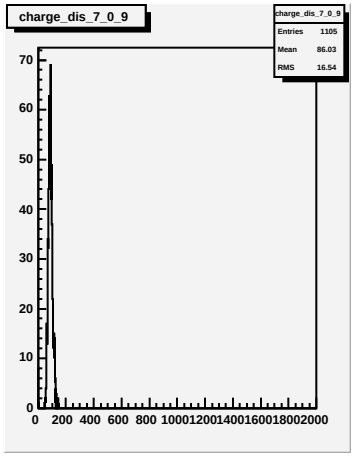
Mean 40.55
RMS 8.011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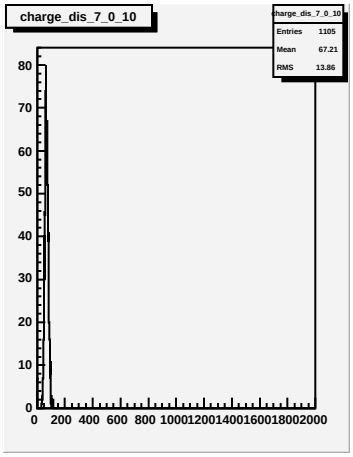
RMS 16.54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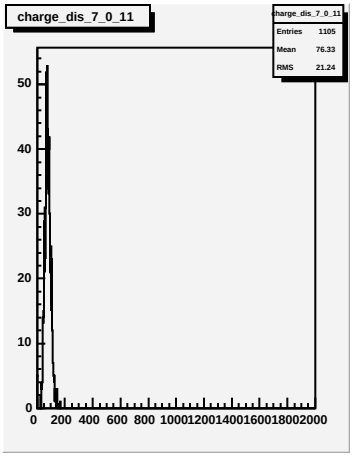
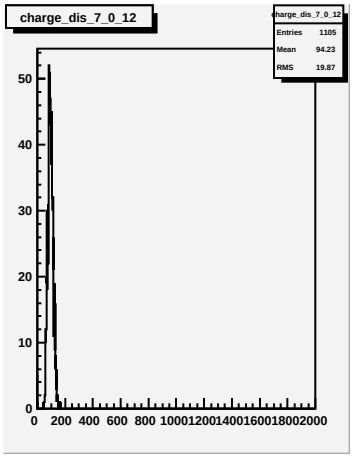
Mean 67.21
RMS 13.86


charge_dis_7_0_11
charge_dis_7_0_11
Entries 1105
Mean 76.33
RMS 21.24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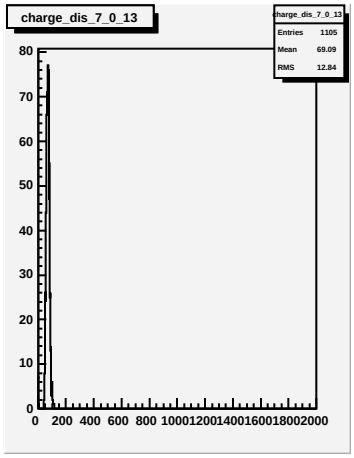
Entries 1105
Mean 94.23
RMS 19.87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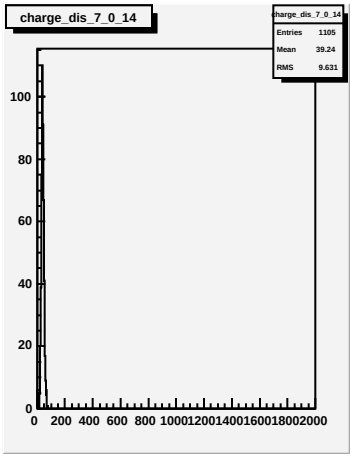
Mean 69.09
RMS 12.84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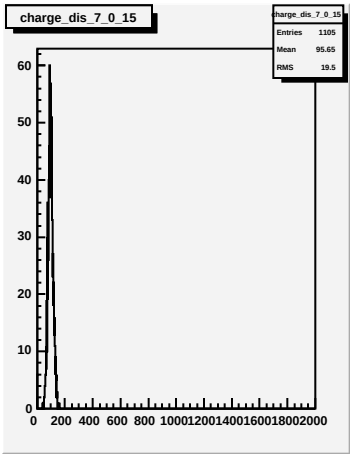
Mean 39.24
RMS 9.631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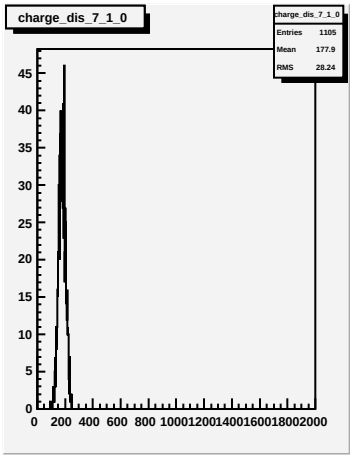
Entries 1105
Mean 95.65
RMS 19.5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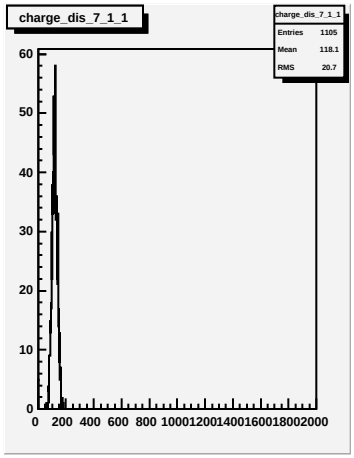
Entries 1105
Mean 177.9
RMS 28.24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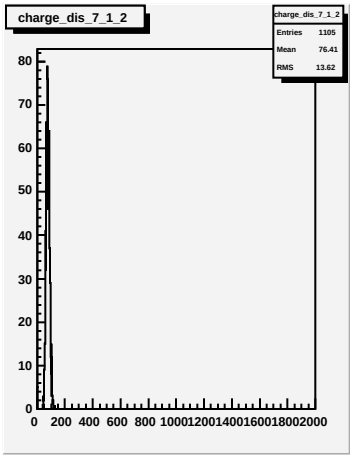
Entries 1105
Mean 118.1
RMS 20.7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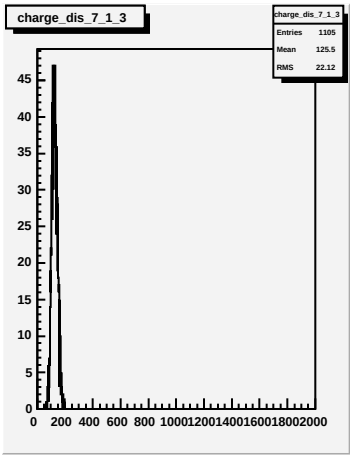
Entries 1105
Mean 76.41
RMS 13.62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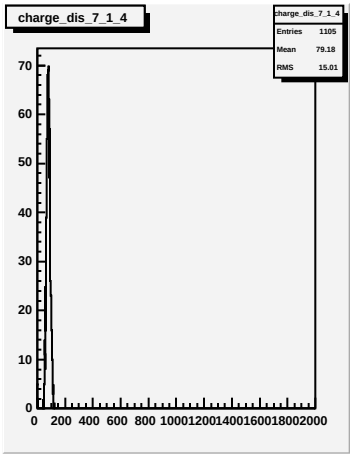
Entries 1105
Mean 125.5
RMS 22.12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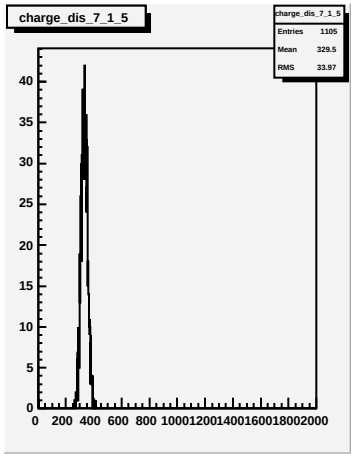
Entries 1105
Mean 79.18
RMS 15.01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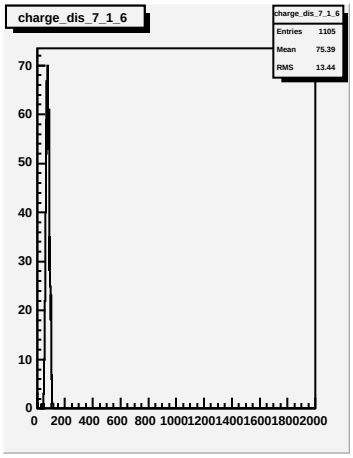
Entries 1105
Mean 329.5
RMS 33.97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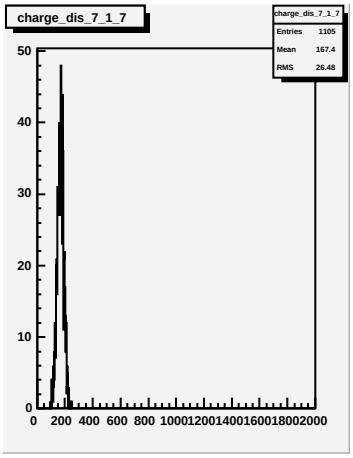
Entries 1105
Mean 75.39
RMS 13.44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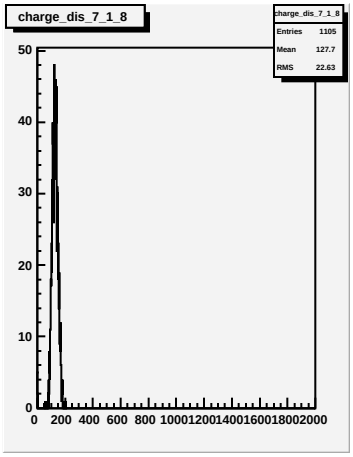
charge_dis_7_1_7
Entries 1105
Mean 167.4
RMS 26.48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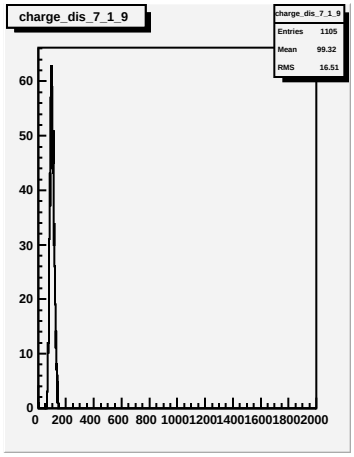
Entries 1105
Mean 127.7
RMS 22.63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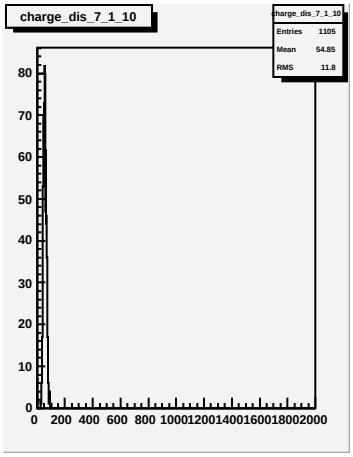
charge_dis_7_1_9
Entries 1105
Mean 99.32
RMS 16.51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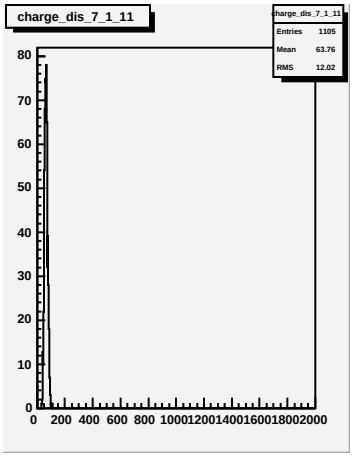
Entries 1105
Mean 54.85
RMS 11.8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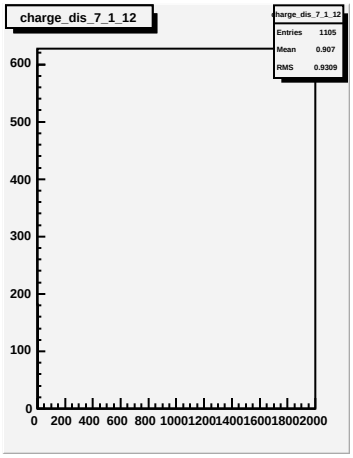
Entries 1105
Mean 63.76
RMS 12.02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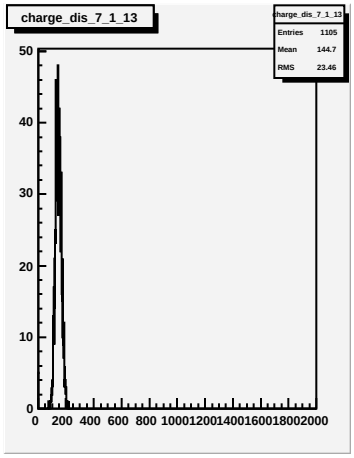
Entries 1105
Mean 0.907
RMS 0.9309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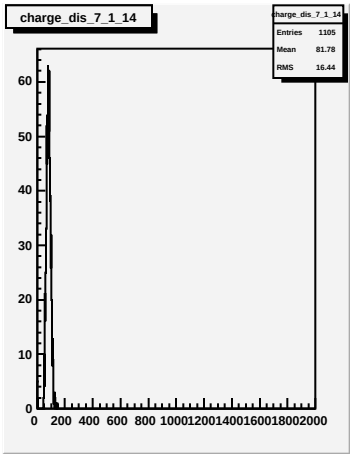
charge_dis_7_1_13
Entries 1105
Mean 144.7
RMS 23.46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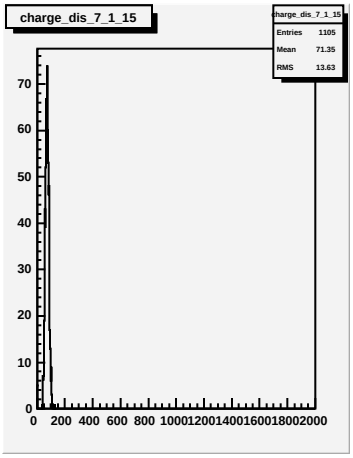
Entries 1105
Mean 81.78
RMS 16.44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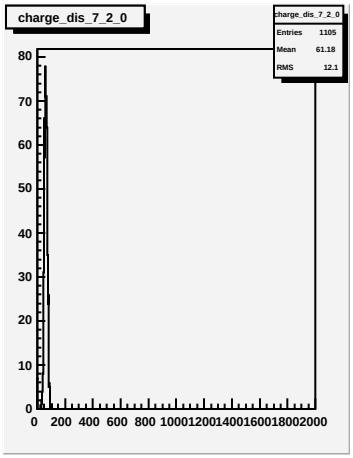
charge_dis_7_1_15
Entries 1105
Mean 71.35
RMS 13.63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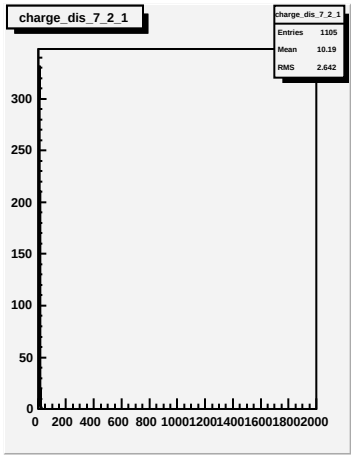
Entries 1105
Mean 61.18
RMS 12.1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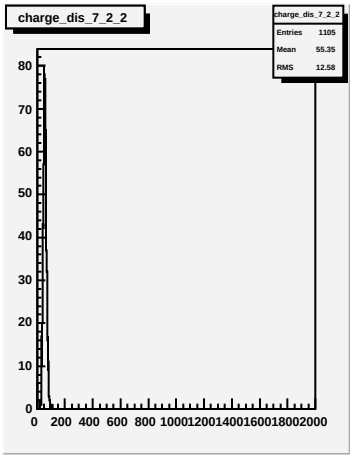
Entries 1105
Mean 10.19
RMS 2.642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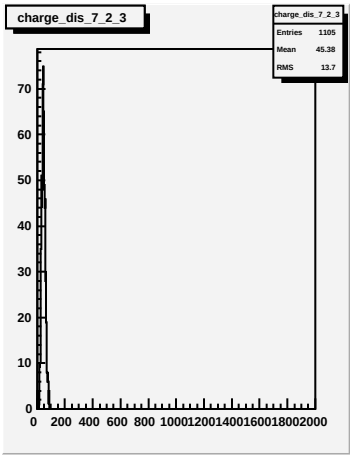
Entries 1105
Mean 55.35
RMS 12.58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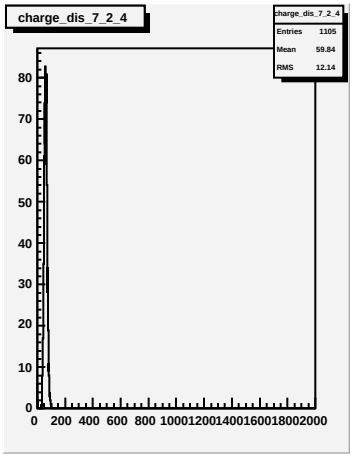
Entries 1105
Mean 45.38
RMS 13.7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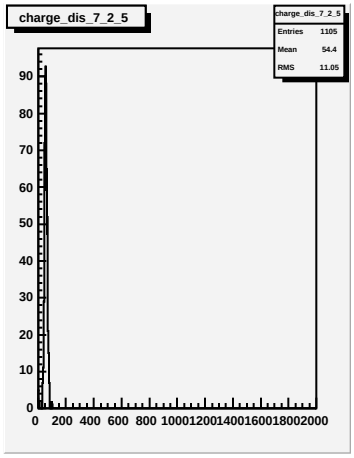
Entries 1105
Mean 59.84
RMS 12.14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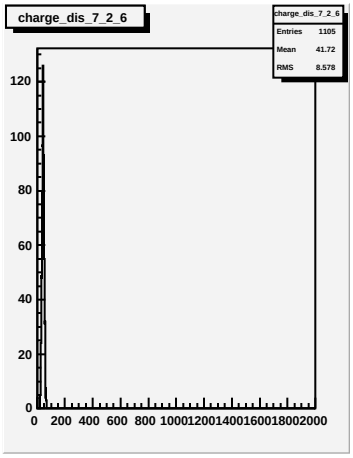
Entries 1105
Mean 54.4
RMS 11.05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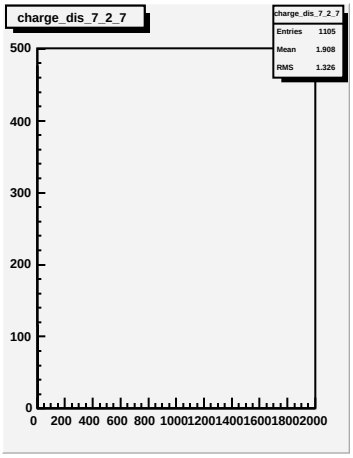
Entries 1105
Mean 41.72
RMS 8.578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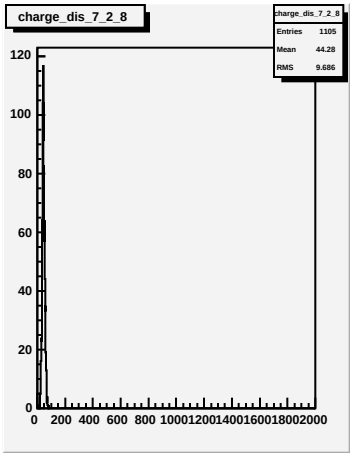
Entries 1105
Mean 1.908
RMS 1.326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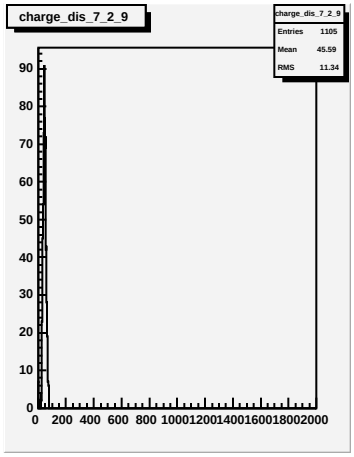
Mean 44.28
RMS 9.686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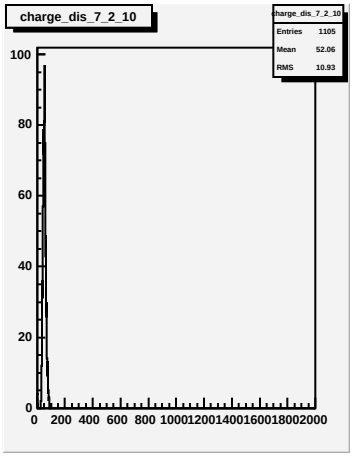
Entries 1105
Mean 45.59
RMS 11.34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charge_dis_7_2_10
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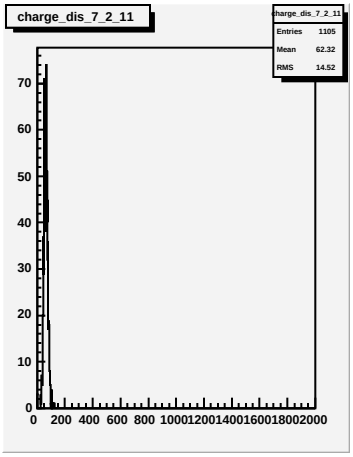
Mean 52.06
RMS 10.93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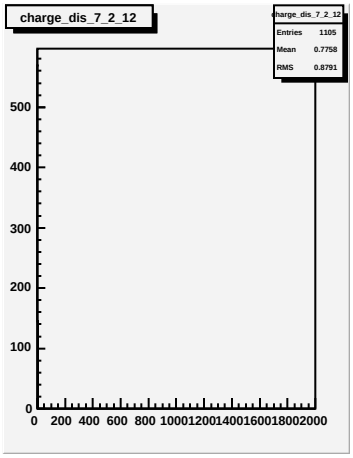
charge_dis_7_2_11
Entries 1105
Mean 62.32
RMS 14.52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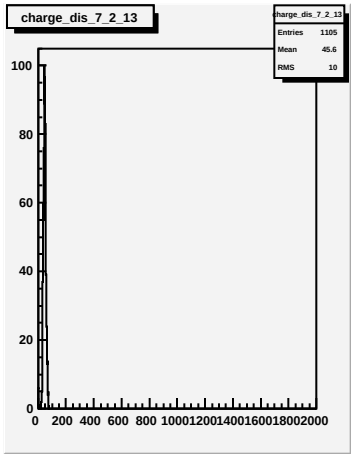
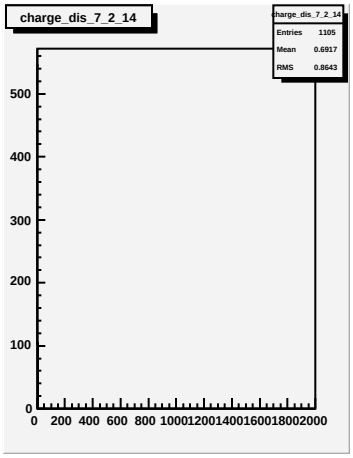
charge_dis_7_2_12
Entries 1105
Mean 0.7758
RMS 0.8791


charge_dis_7_2_13
charge_dis_7_2_13
Entries 1105
Mean 45.6
RMS 10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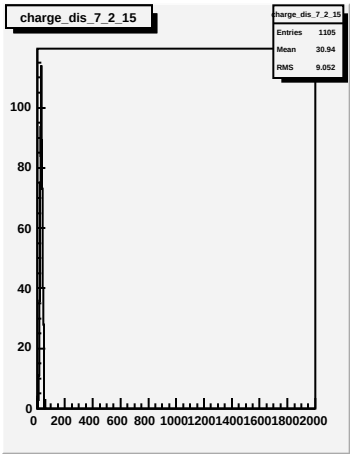
Entries 1105
Mean 0.6917
RMS 0.8643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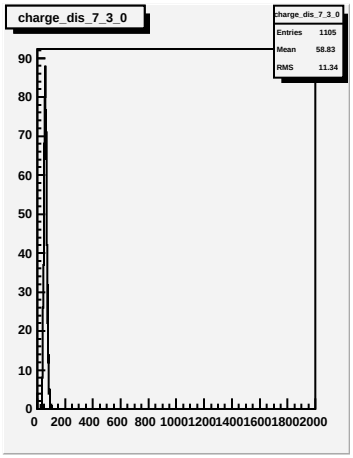
Mean 30.94
RMS 9.052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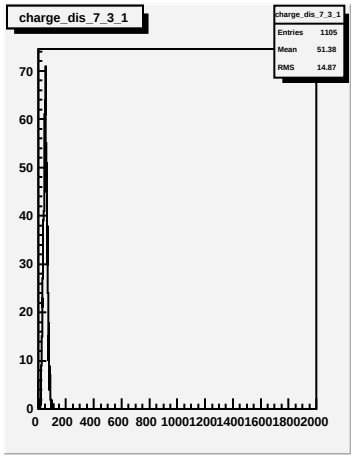
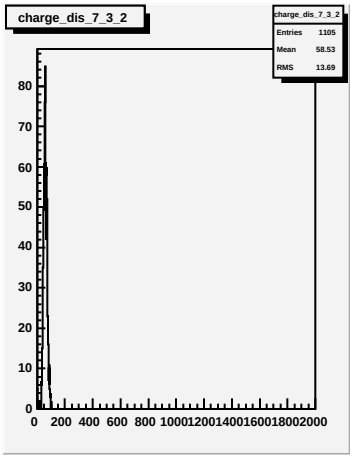
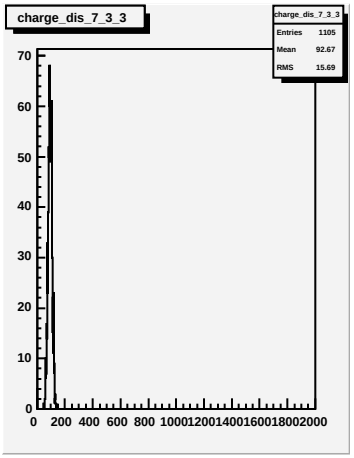
Entries 1105
Mean 58.83
RMS 11.34


charge_dis_7_3_1
charge_dis_7_3_1
Entries 1105
Mean 51.38
RMS 14.87


charge_dis_7_3_2
charge_dis_7_3_2
Entries 1105
Mean 58.53
RMS 13.69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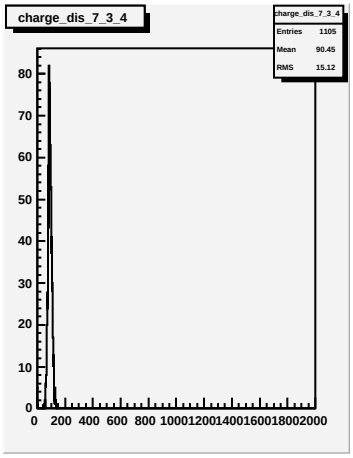
Entries 1105
Mean 92.67
RMS 15.69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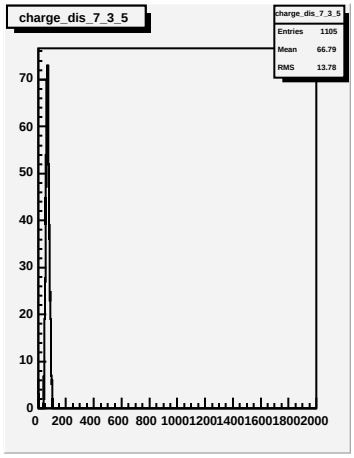
charge_dis_7_3_4
Entries 1105
Mean 90.45
RMS 15.12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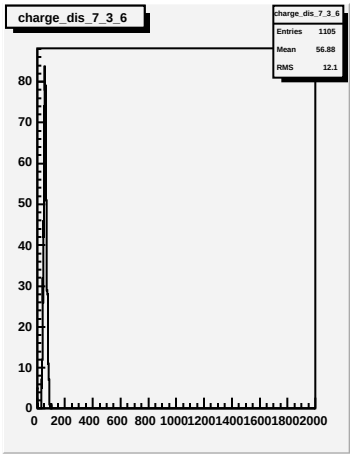
Mean 66.79
RMS 13.78


charge_dis_7_3_6
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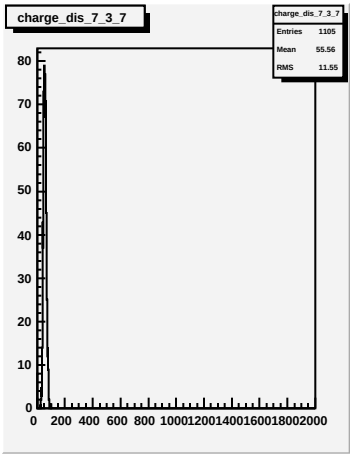
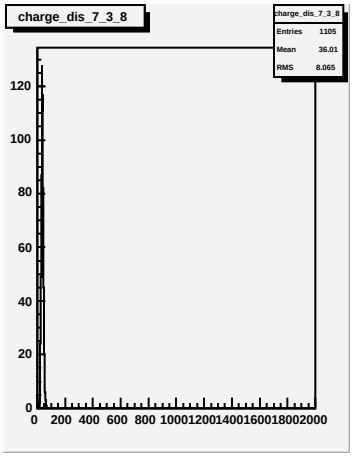
Entries 1105
Mean 56.88
RMS 12.1


charge_dis_7_3_7
charge_dis_7_3_7
Entries 1105
Mean 55.56
RMS 11.55


charge_dis_7_3_8
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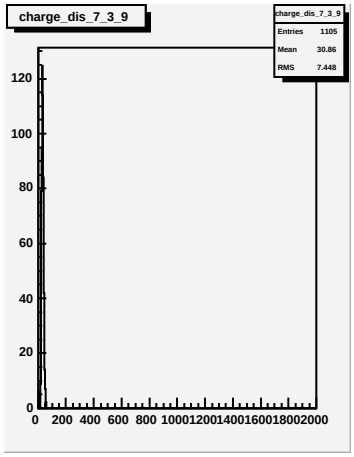
Entries 1105
Mean 36.01
RMS 8.065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Entries 1105
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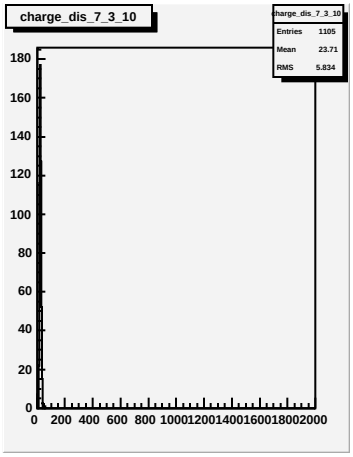
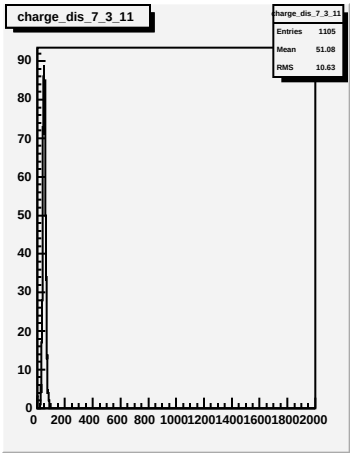
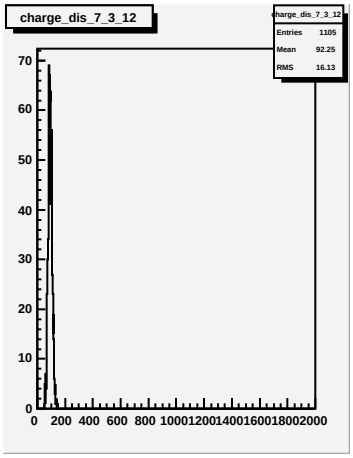
RMS 7.448


charge_dis_7_3_10
charge_dis_7_3_10
Entries 1105
Mean 23.71
RMS 5.834


charge_dis_7_3_11
charge_dis_7_3_11
Entries 1105
Mean 51.08
RMS 10.63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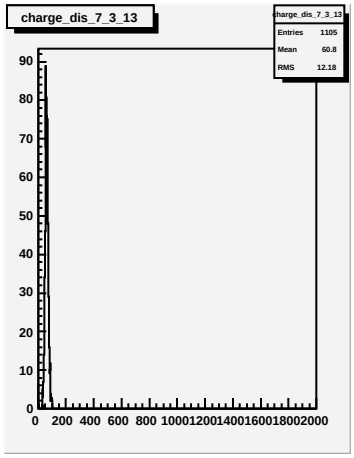
charge_dis_7_3_12
Entries 1105
Mean 92.25
RMS 16.13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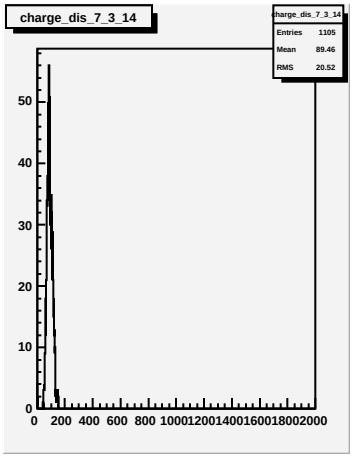
Mean 60.8
RMS 12.18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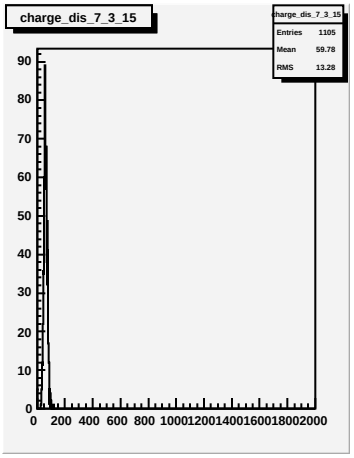
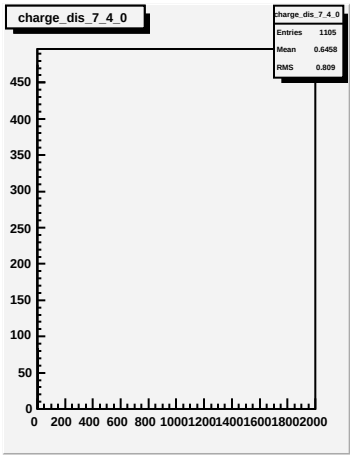
Entries 1105
Mean 89.46
RMS 20.52


charge_dis_7_3_15
charge_dis_7_3_15
Entries 1105
Mean 59.78
RMS 13.28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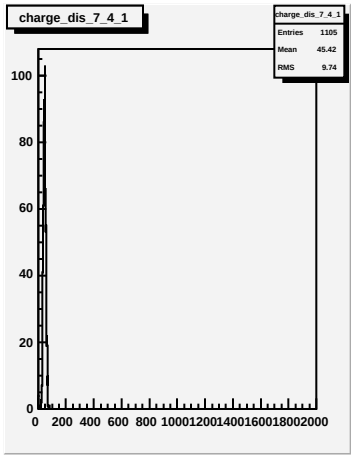
charge_dis_7_4_0
Entries 1105
Mean 0.6458
RMS 0.809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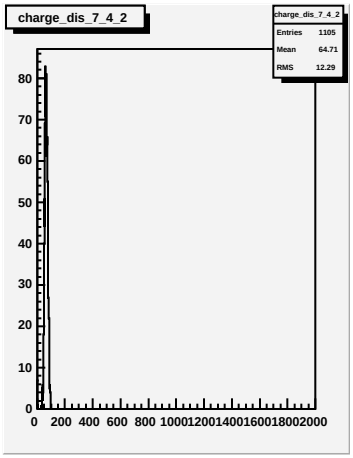
charge_dis_7_4_1
Entries 1105
Mean 45.42
RMS 9.74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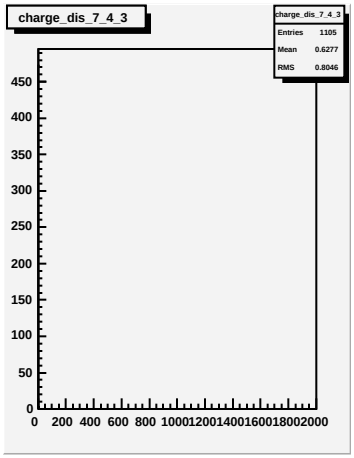
Entries 1105
Mean 64.71
RMS 12.29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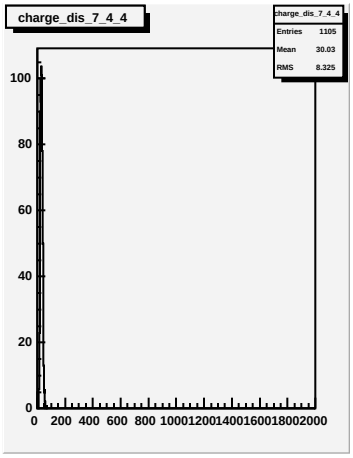
charge_dis_7_4_3
Entries 1105
Mean 0.6277
RMS 0.8046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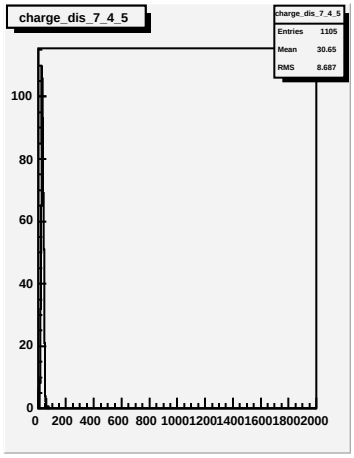
Entries 1105
Mean 30.03
RMS 8.325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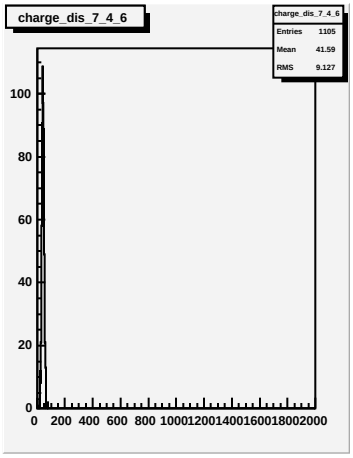
Entries 1105
Mean 30.65
RMS 8.687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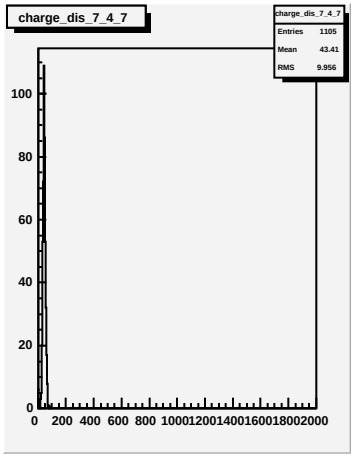
Entries 1105
Mean 41.59
RMS 9.127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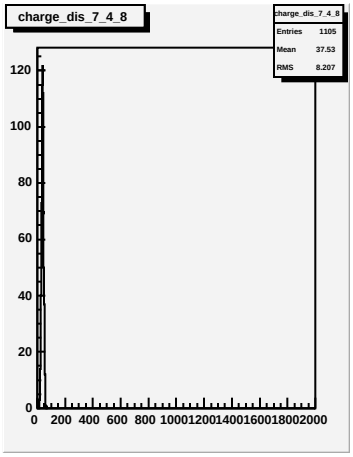
Entries 1105
Mean 43.41
RMS 9.956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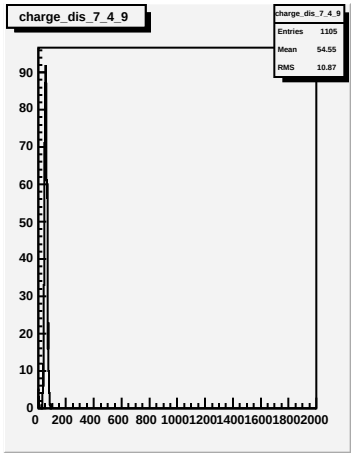
Entries 1105
Mean 37.53
RMS 8.207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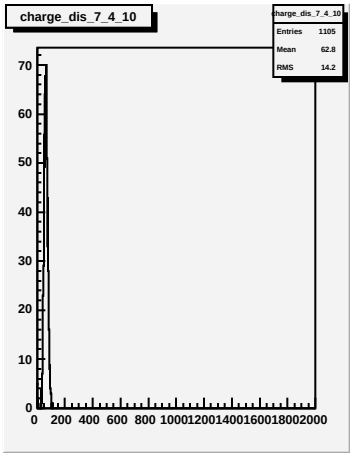
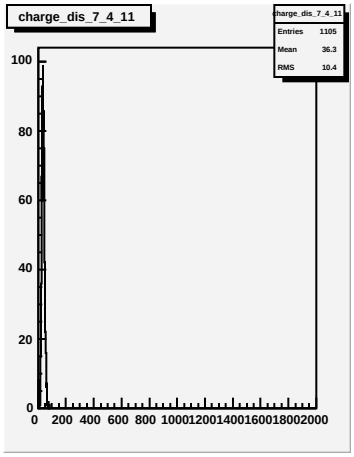
charge_dis_7_4_9
Entries 1105
Mean 54.55
RMS 10.87


charge_dis_7_4_10
charge_dis_7_4_10
Entries 1105
Mean 62.8
RMS 14.2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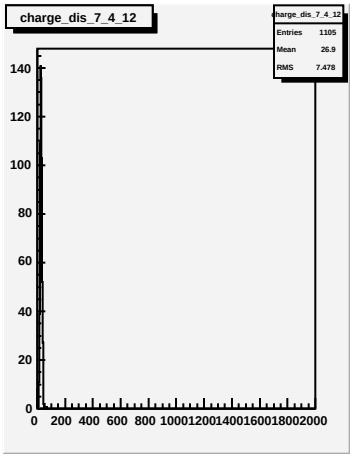
charge_dis_7_4_11
Entries 1105
Mean 36.3
RMS 10.4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charge_dis_7_4_12
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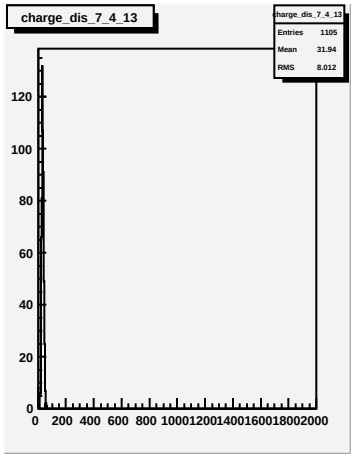
Mean 26.9
RMS 7.478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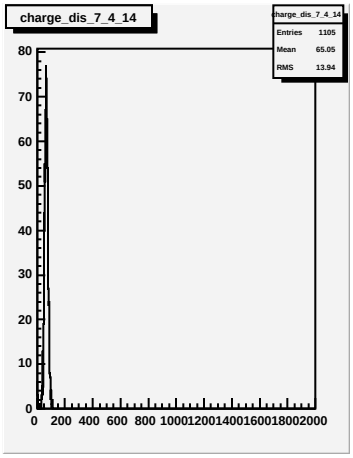
charge_dis_7_4_13
Entries 1105
Mean 31.94
RMS 8.012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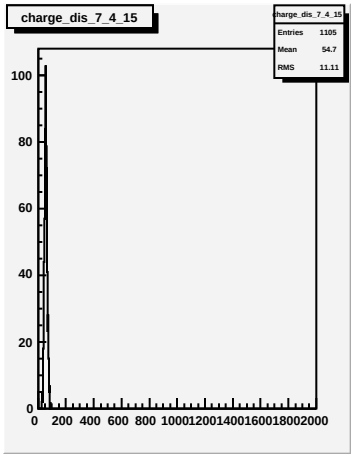
charge_dis_7_4_14
Entries 1105
Mean 65.05
RMS 13.94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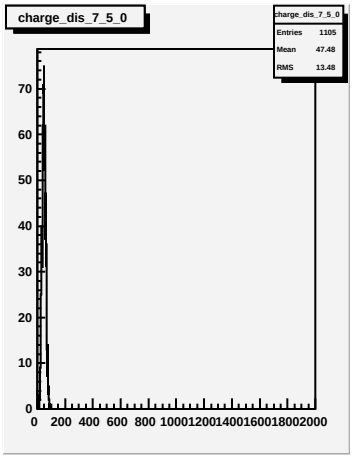
Entries 1105
Mean 54.7
RMS 11.11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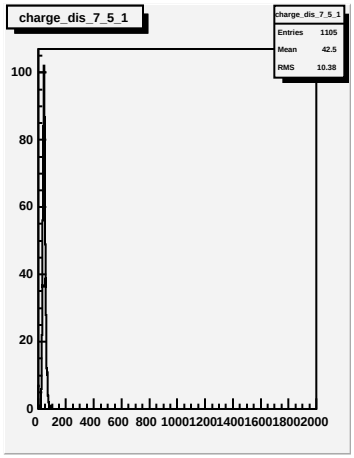
Entries 1105
Mean 47.48
RMS 13.48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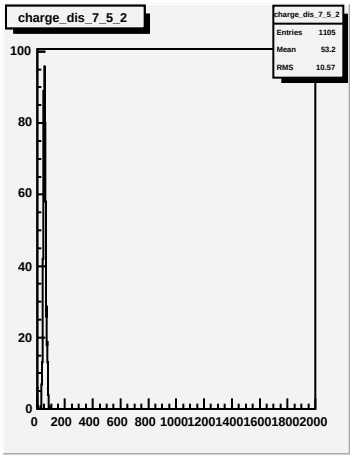
Entries 1105
Mean 42.5
RMS 10.38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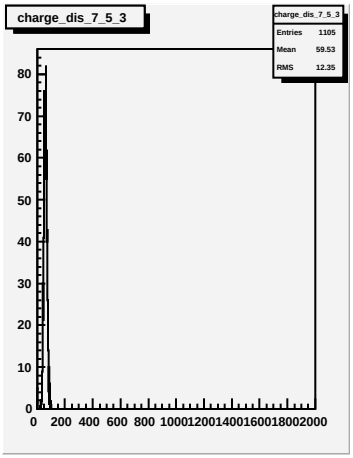
Entries 1105
Mean 53.2
RMS 10.57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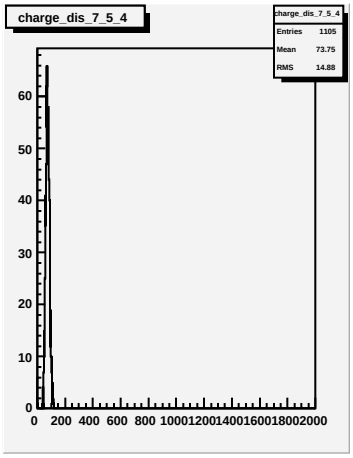
charge_dis_7_5_3
Entries 1105
Mean 59.53
RMS 12.35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Entries 1105
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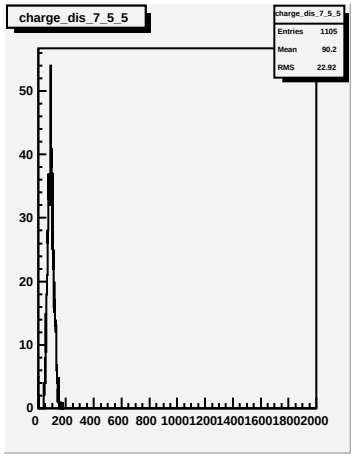
RMS 14.88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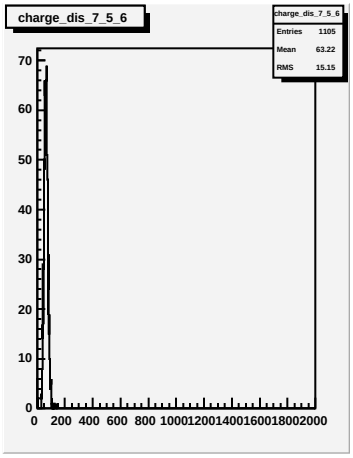
Entries 1105
Mean 90.2
RMS 22.92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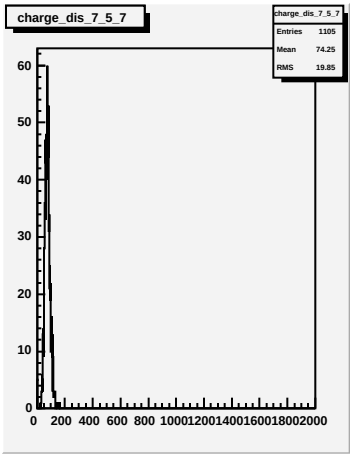
Entries 1105
Mean 63.22
RMS 15.15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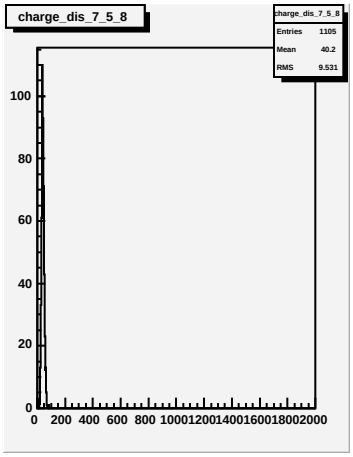
Entries 1105
Mean 74.25
RMS 19.85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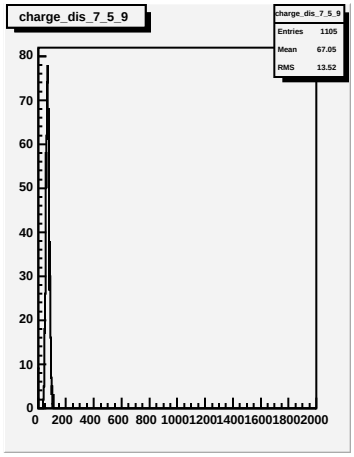
Entries 1105
Mean 40.2
RMS 9.531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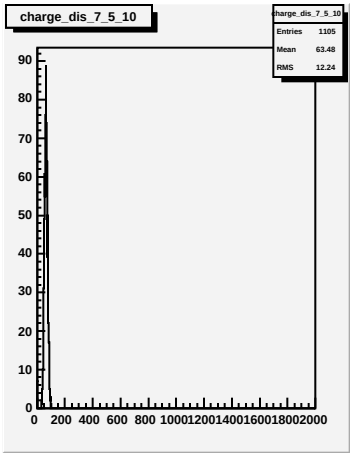
charge_dis_7_5_9
Entries 1105
Mean 67.05
RMS 13.52


charge_dis_7_5_10
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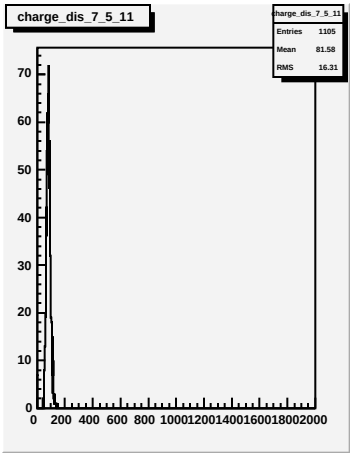
Entries 1105
Mean 63.48
RMS 12.24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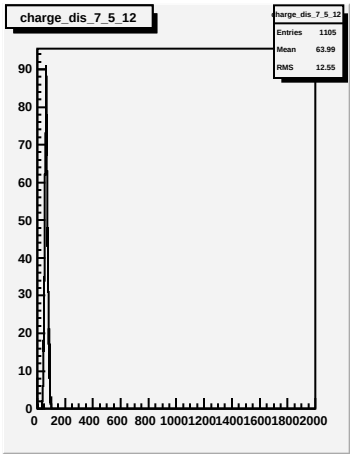
charge_dis_7_5_11
Entries 1105
Mean 81.58
RMS 16.31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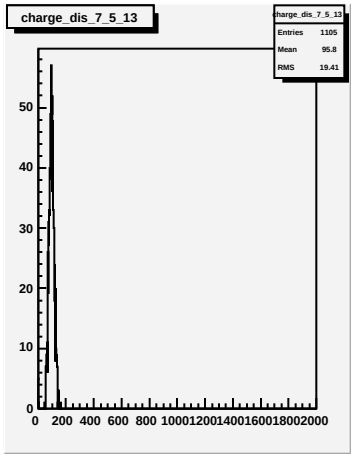
charge_dis_7_5_12
Entries 1105
Mean 63.99
RMS 12.55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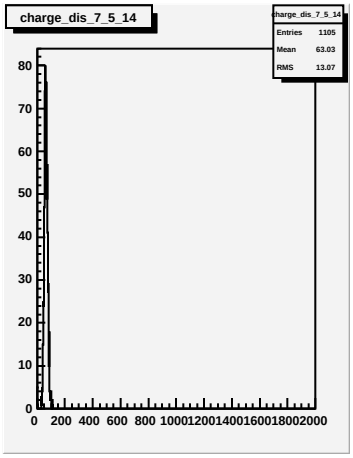
Entries 1105
Mean 95.8
RMS 19.41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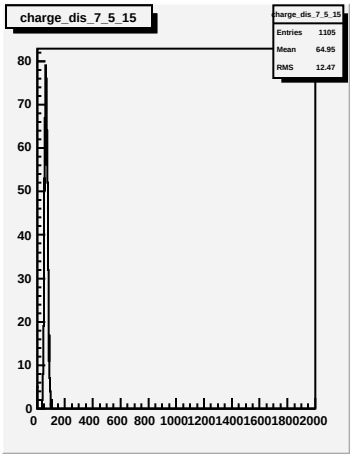
Entries 1105
Mean 63.03
RMS 13.07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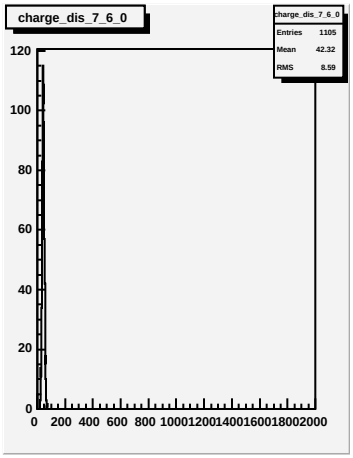
Entries 1105
Mean 64.95
RMS 12.47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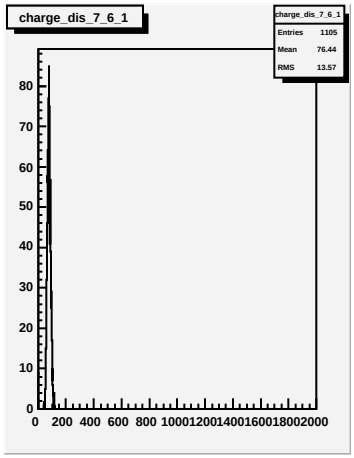
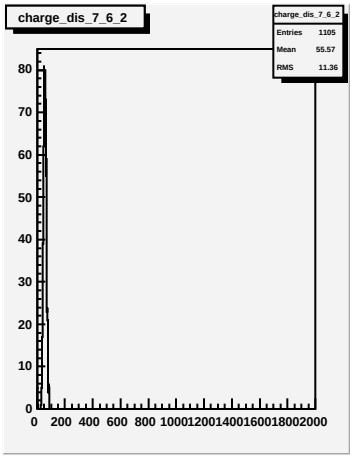
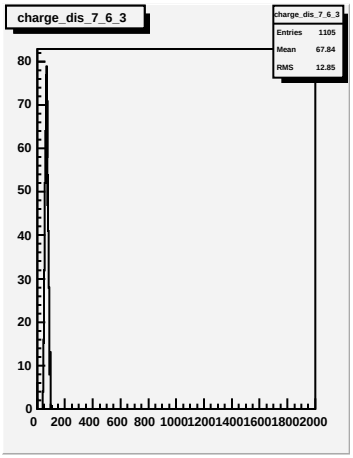
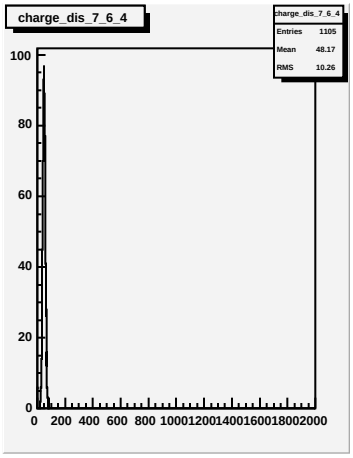
Entries 1105
Mean 42.32
RMS 8.59


charge_dis_7_6_1
charge_dis_7_6_1
Entries 1105
Mean 76.44
RMS 13.57


charge_dis_7_6_2
charge_dis_7_6_2
Entries 1105
Mean 55.57
RMS 11.36


charge_dis_7_6_3
charge_dis_7_6_3
Entries 1105
Mean 67.84
RMS 12.85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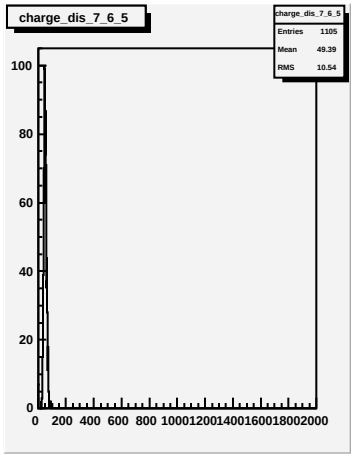
Entries 1105
Mean 48.17
RMS 10.26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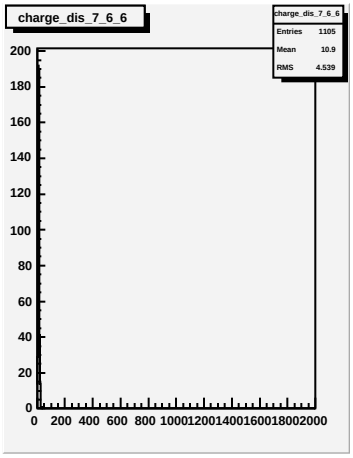
Entries 1105
Mean 49.39
RMS 10.54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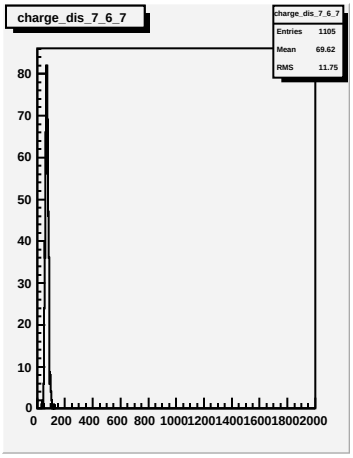
charge_dis_7_6_6
Entries 1105
Mean 10.9
RMS 4.539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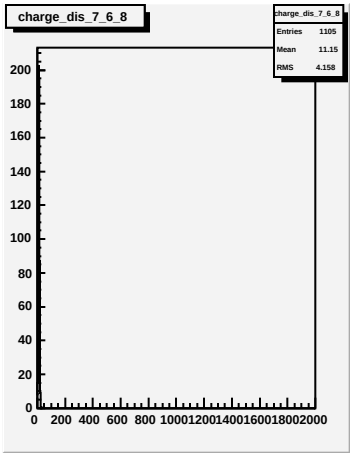
Entries 1105
Mean 69.62
RMS 11.75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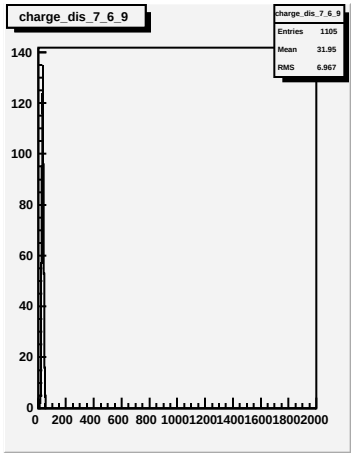
Entries 1105
Mean 11.15
RMS 4.158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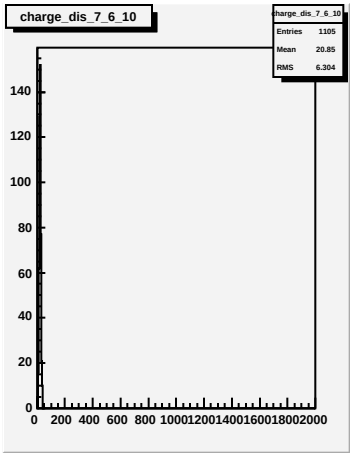
Entries 1105
Mean 31.95
RMS 6.967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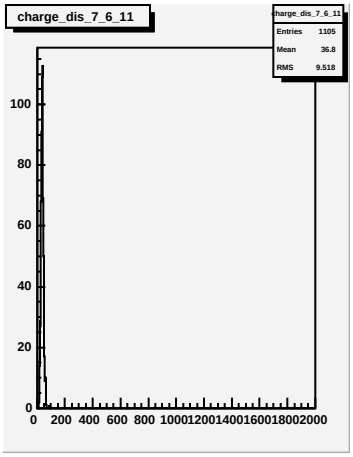
Entries 1105
Mean 20.85
RMS 6.304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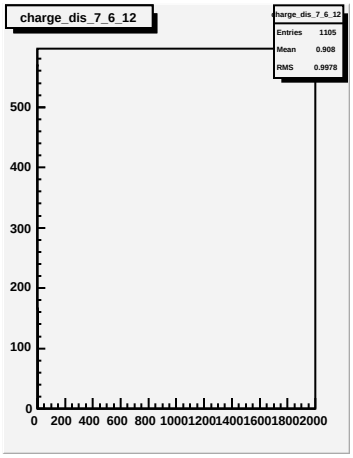
charge_dis_7_6_11
Entries 1105
Mean 36.8
RMS 9.518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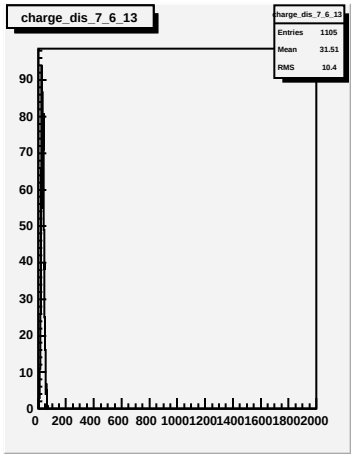
Mean 0.908
RMS 0.9978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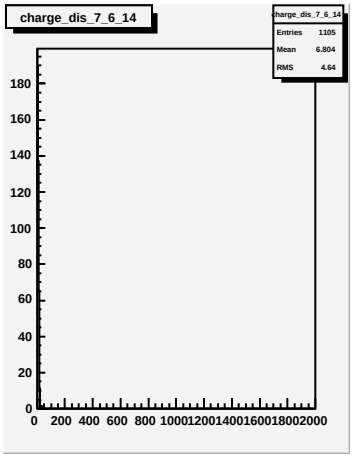
Entries 1105
Mean 31.51
RMS 10.4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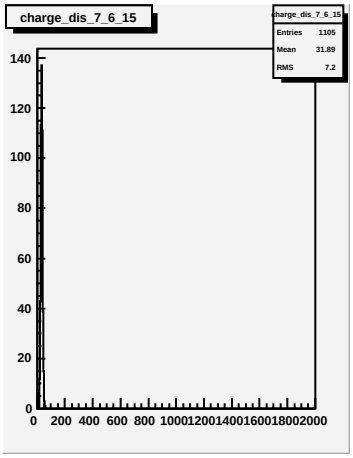
Entries 1105
Mean 6.804
RMS 4.64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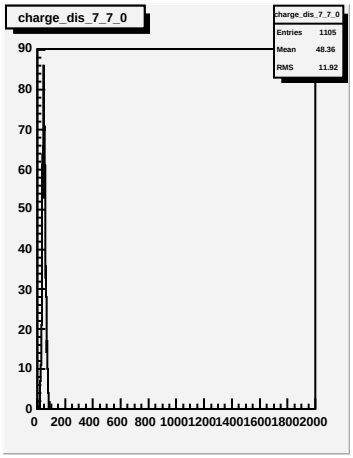
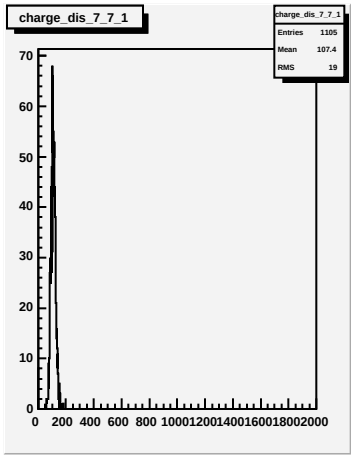
Entries 1105
Mean 31.89
RMS 7.2


charge_dis_7_7_0
charge_dis_7_7_0
Entries 1105
Mean 48.36
RMS 11.92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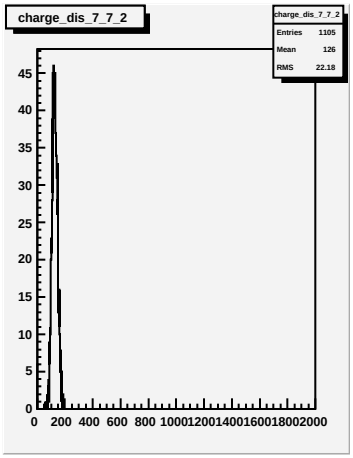
Entries 1105
Mean 107.4
RMS 19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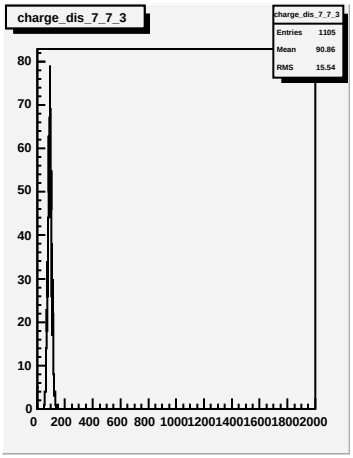
Entries 1105
Mean 126
RMS 22.18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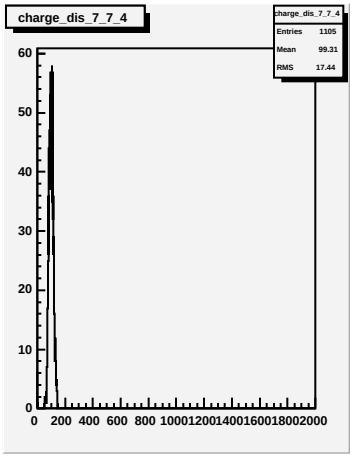
Entries 1105
Mean 90.86
RMS 15.54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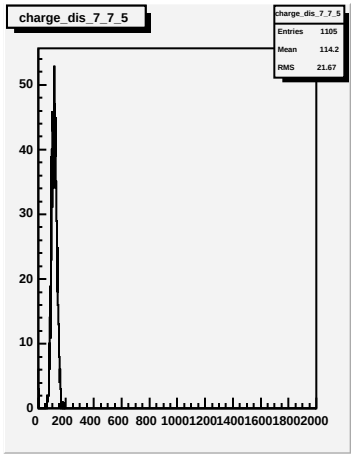
Entries 1105
Mean 99.31
RMS 17.44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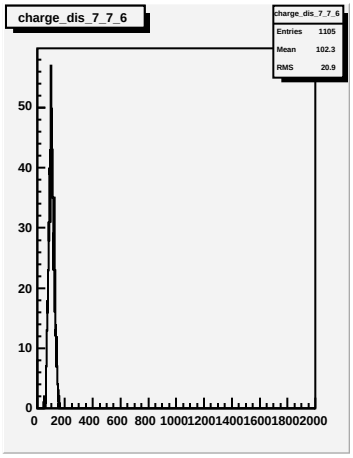
charge_dis_7_7_5
Entries 1105
Mean 114.2
RMS 21.67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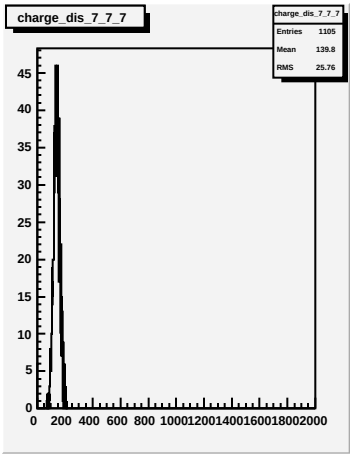
charge_dis_7_7_6
Entries 1105
Mean 102.3
RMS 20.9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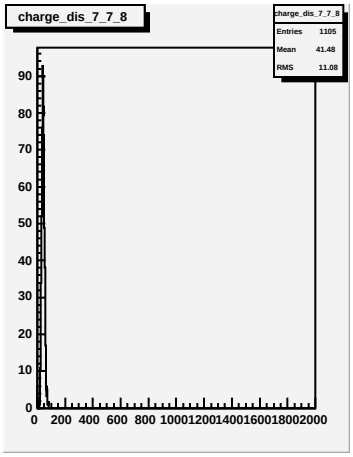
Mean 139.8
RMS 25.76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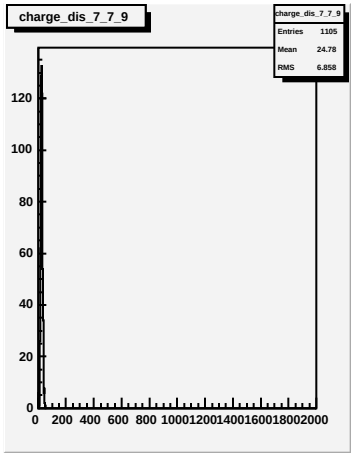
Entries 1105
Mean 41.48
RMS 11.08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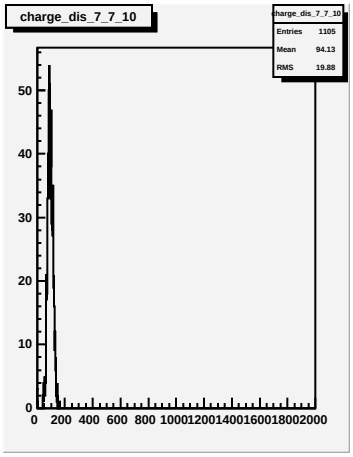
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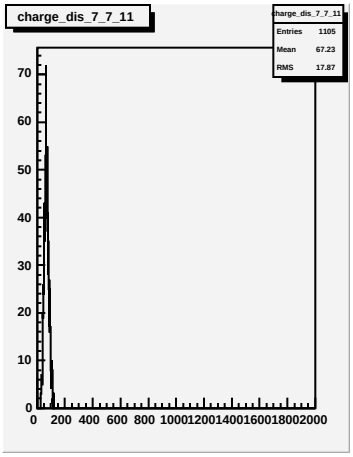
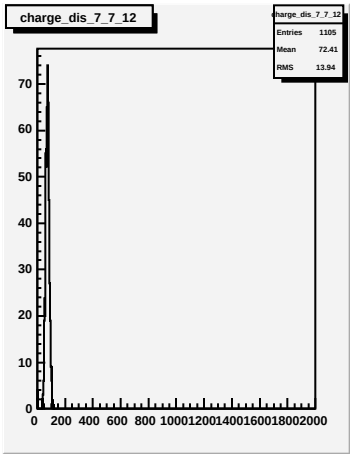
RMS 19.88


charge_dis_7_7_11
charge_dis_7_7_11
Entries 1105
Mean 67.23
RMS 17.87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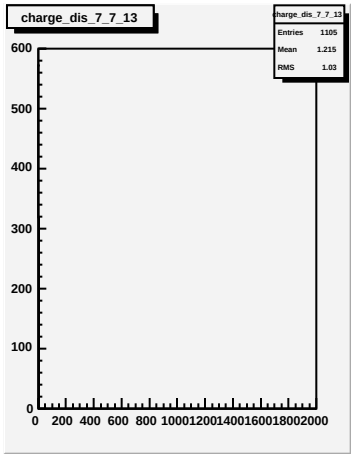
Mean 72.41
RMS 13.94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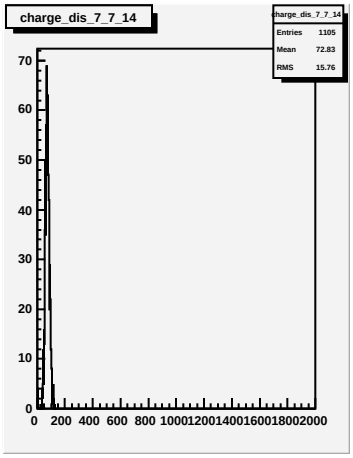
Entries 1105
Mean 1.215
RMS 1.03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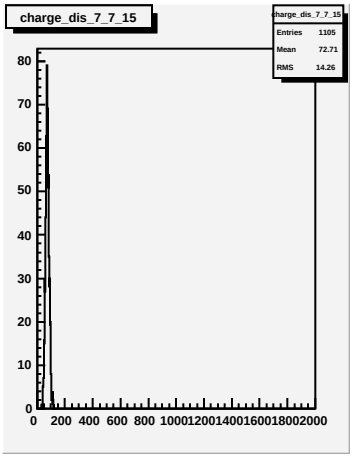
Entries 1105
Mean 72.83
RMS 15.76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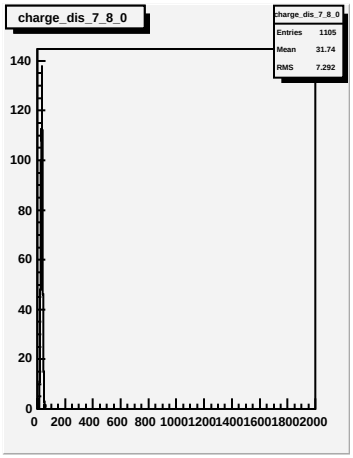
charge_dis_7_7_15
Entries 1105
Mean 72.71
RMS 14.26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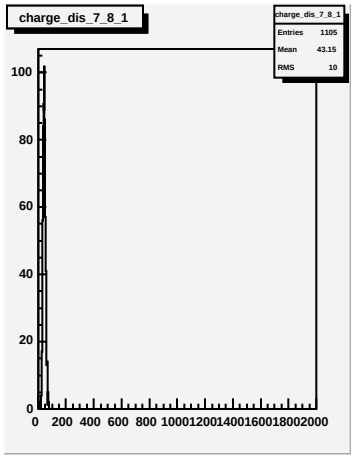
Mean 31.74
RMS 7.292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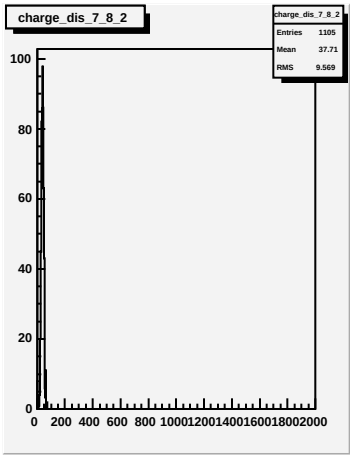
Entries 1105
Mean 43.15
RMS 10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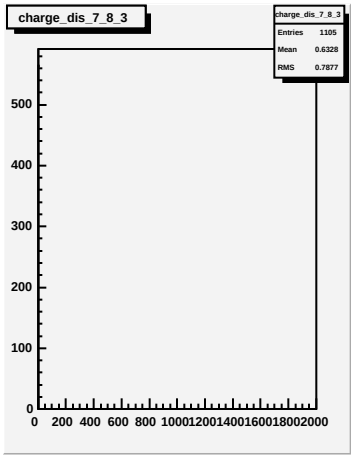
Entries 1105
Mean 37.71
RMS 9.569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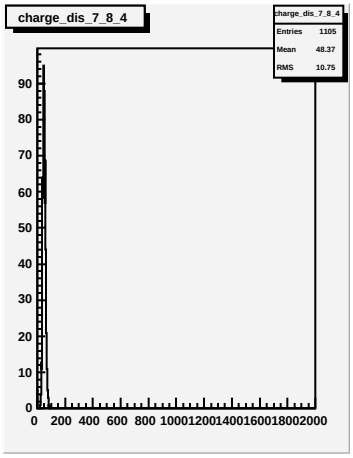
Mean 0.6328
RMS 0.7877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Entries 1105
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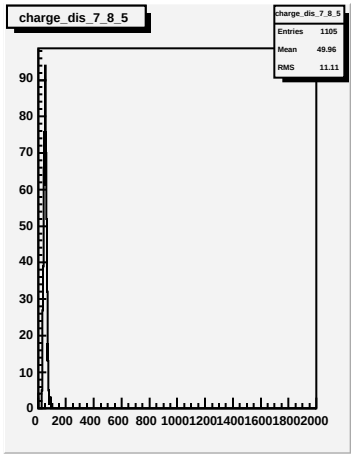
RMS 10.75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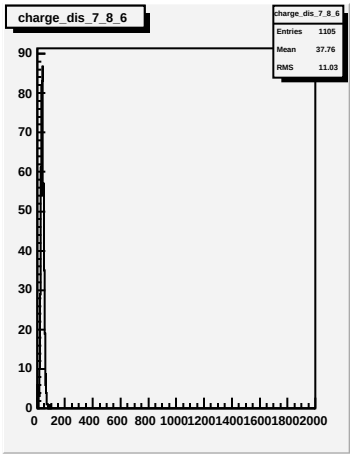
charge_dis_7_8_5
Entries 1105
Mean 49.96
RMS 11.11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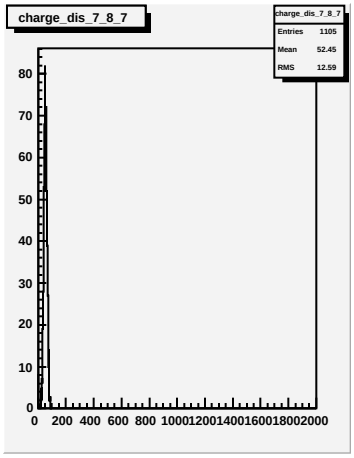
Entries 1105
Mean 37.76
RMS 11.03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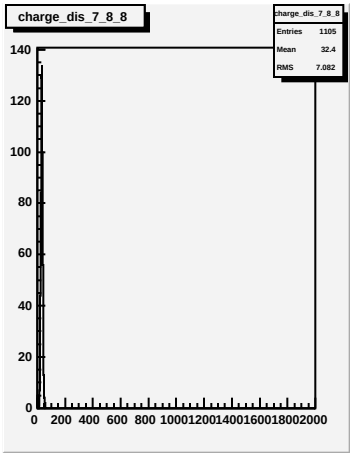
Entries 1105
Mean 52.45
RMS 12.59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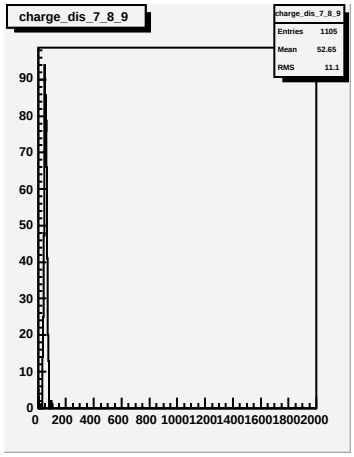
Entries 1105
Mean 32.4
RMS 7.082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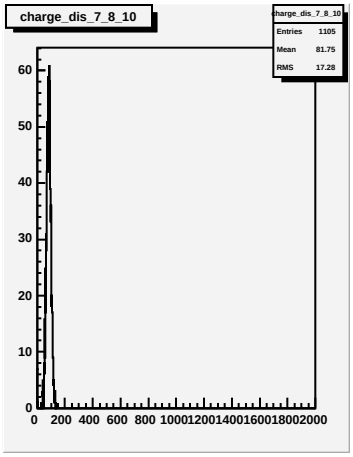
charge_dis_7_8_9
Entries 1105
Mean 52.65
RMS 11.1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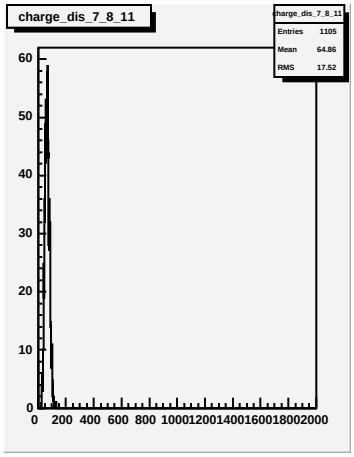
RMS 17.28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charge_dis_7_8_11
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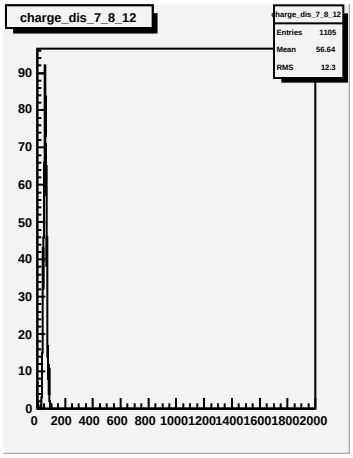
RMS 17.52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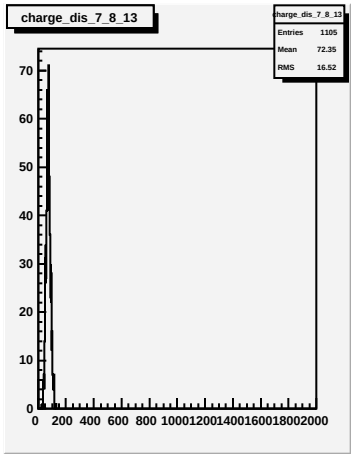
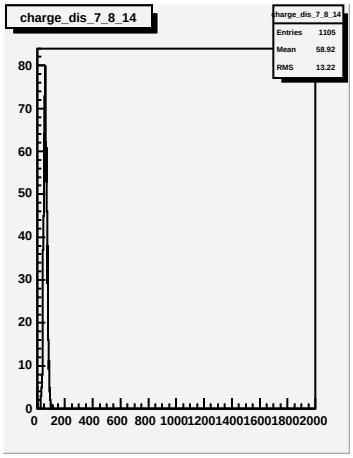
Mean 56.64
RMS 12.3


charge_dis_7_8_13
charge_dis_7_8_13
Entries 1105
Mean 72.35
RMS 16.52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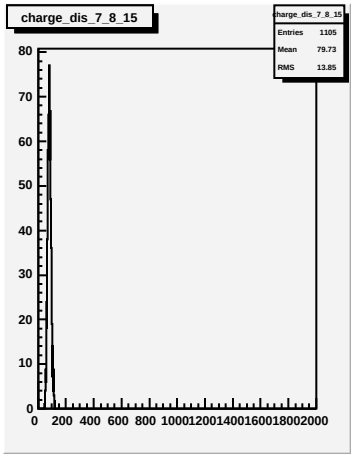
Entries 1105
Mean 58.92
RMS 13.22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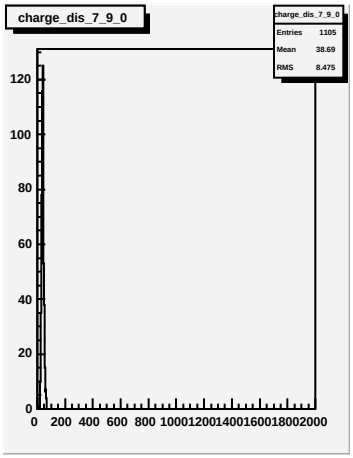
Entries 1105
Mean 79.73
RMS 13.85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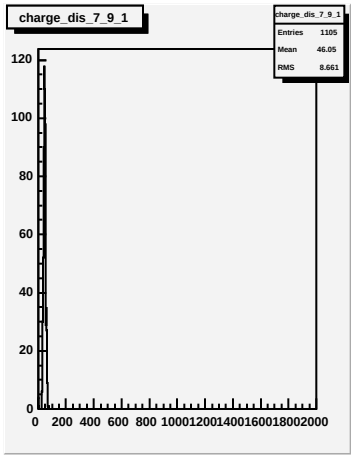
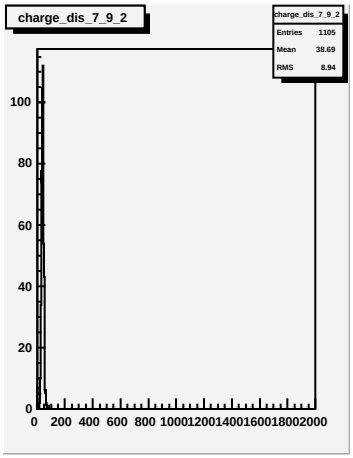
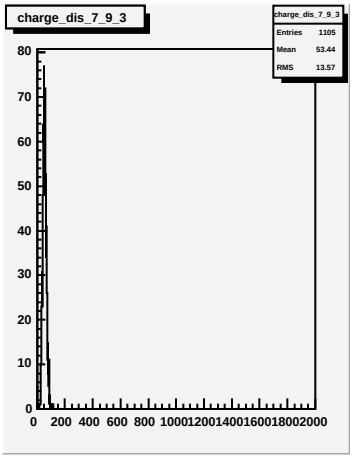
RMS 8.475


charge_dis_7_9_1
charge_dis_7_9_1
Entries 1105
Mean 46.05
RMS 8.661


charge_dis_7_9_2
charge_dis_7_9_2
Entries 1105
Mean 38.69
RMS 8.94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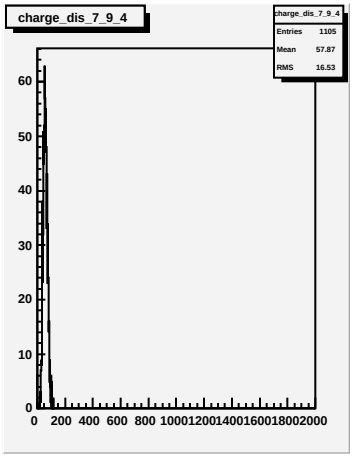
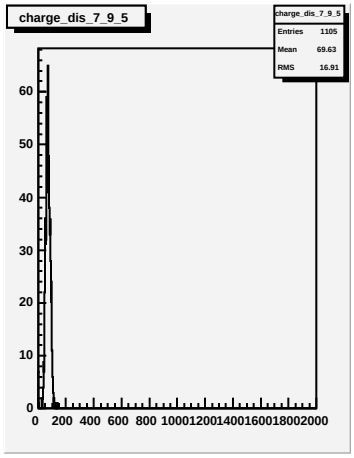
charge_dis_7_9_3
Entries 1105
Mean 53.44
RMS 13.57


charge_dis_7_9_4
charge_dis_7_9_4
Entries 1105
Mean 57.87
RMS 16.53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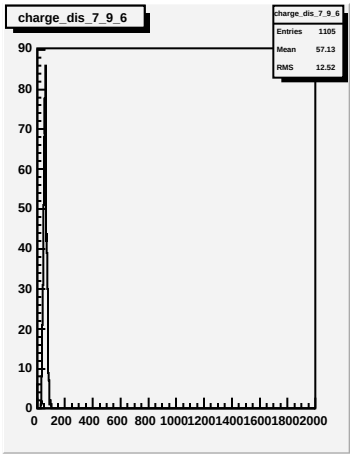
Entries 1105
Mean 69.63
RMS 16.91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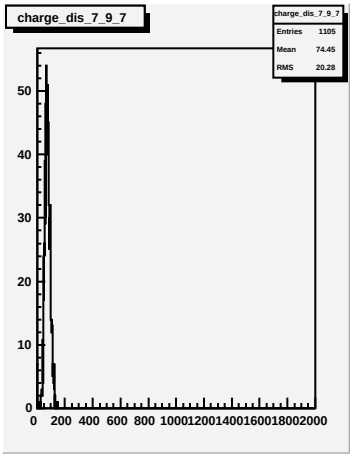
charge_dis_7_9_6
Entries 1105
Mean 57.13
RMS 12.52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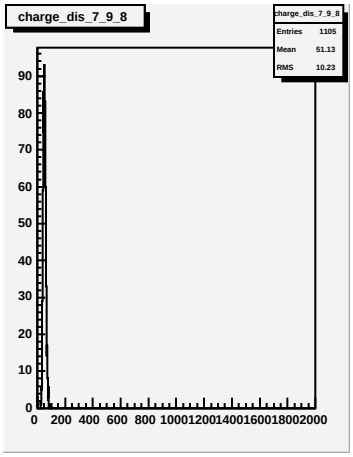
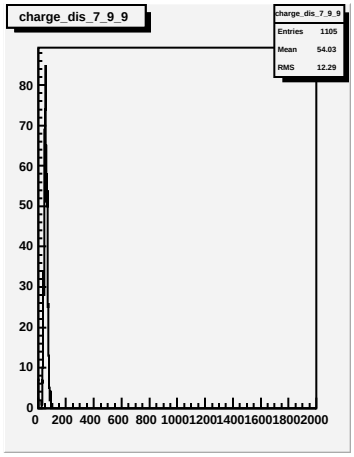
charge_dis_7_9_7
Entries 1105
Mean 74.45
RMS 20.28


charge_dis_7_9_8
charge_dis_7_9_8
Entries 1105
Mean 51.13
RMS 10.23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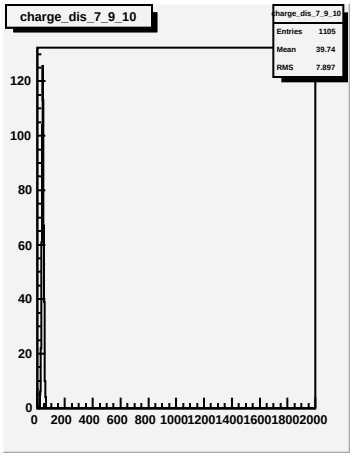
Entries 1105
Mean 54.03
RMS 12.29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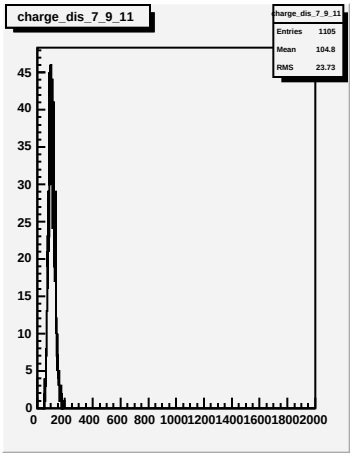
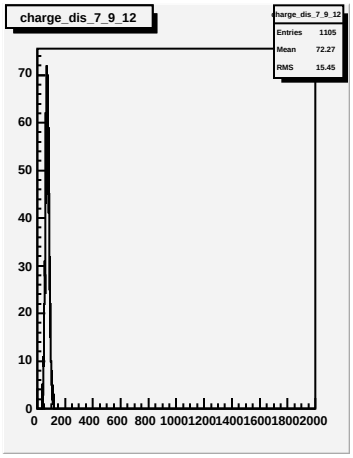
charge_dis_7_9_10
Entries 1105
Mean 39.74
RMS 7.897


charge_dis_7_9_11
charge_dis_7_9_11
Entries 1105
Mean 104.8
RMS 23.73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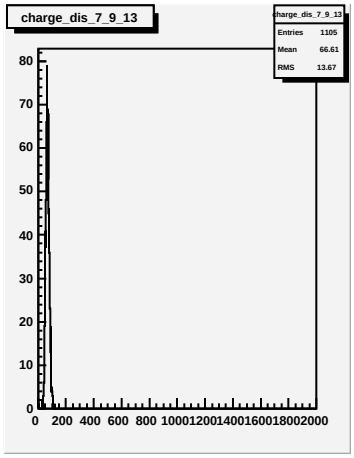
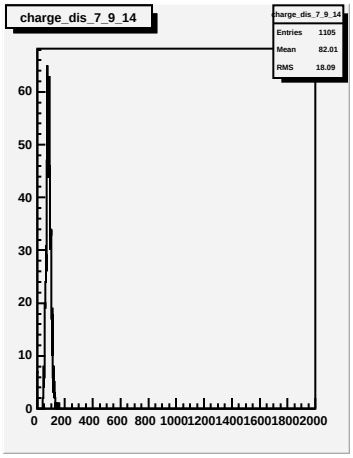
Entries 1105
Mean 72.27
RMS 15.45


charge_dis_7_9_13
charge_dis_7_9_13
Entries 1105
Mean 66.61
RMS 13.67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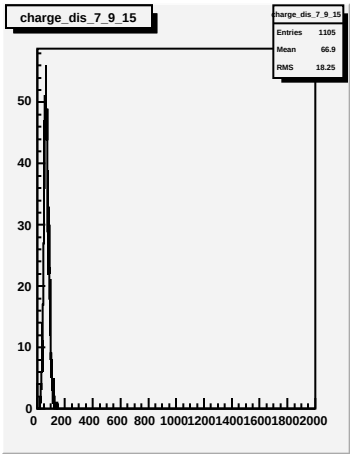
Entries 1105
Mean 82.01
RMS 18.09


charge_dis_7_9_15
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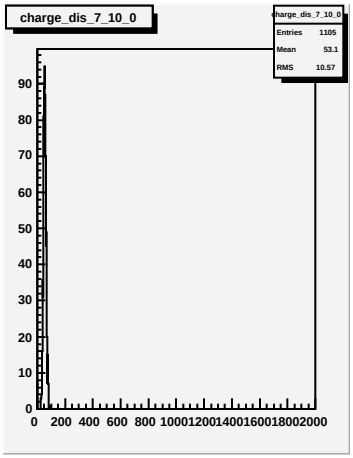
Entries 1105
Mean 66.9
RMS 18.25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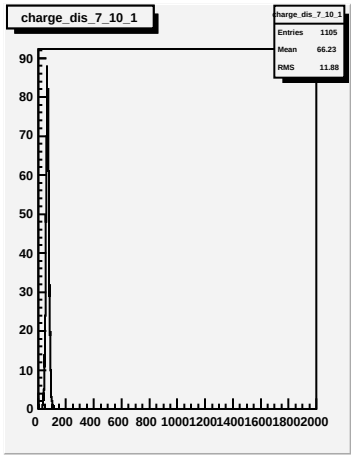
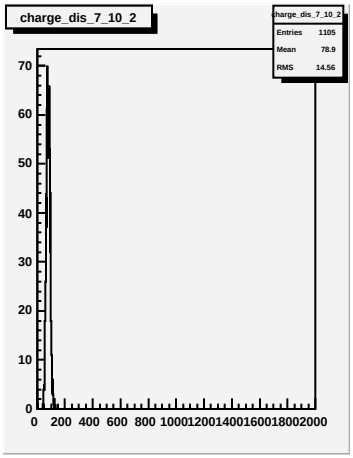
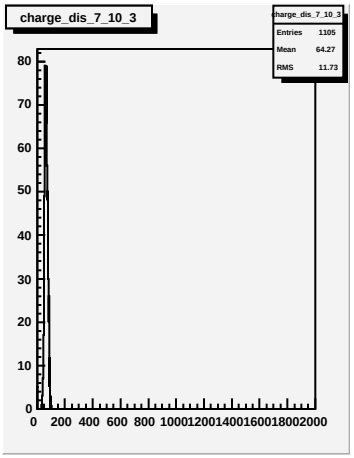
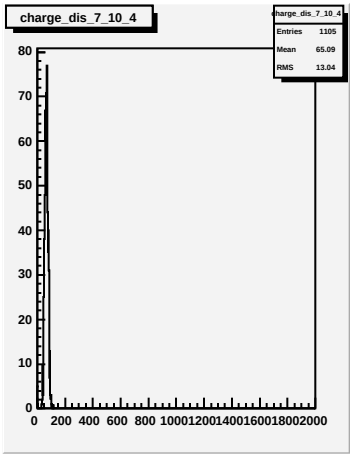
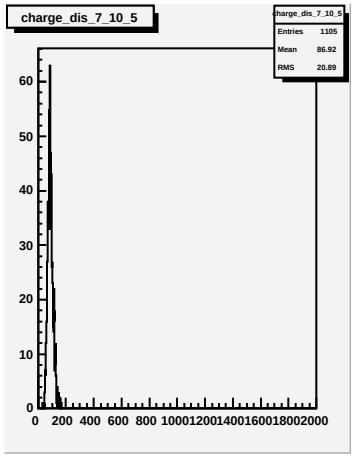
charge_dis_7_10_0
Entries 1105
Mean 53.1
RMS 10.57


charge_dis_7_10_1
charge_dis_7_10_1
Entries 1105
Mean 66.23
RMS 11.88


charge_dis_7_10_2
charge_dis_7_10_2
Entries 1105
Mean 78.9
RMS 14.56


charge_dis_7_10_3
charge_dis_7_10_3
Entries 1105
Mean 64.27
RMS 11.73


charge_dis_7_10_4
charge_dis_7_10_4
Entries 1105
Mean 65.09
RMS 13.04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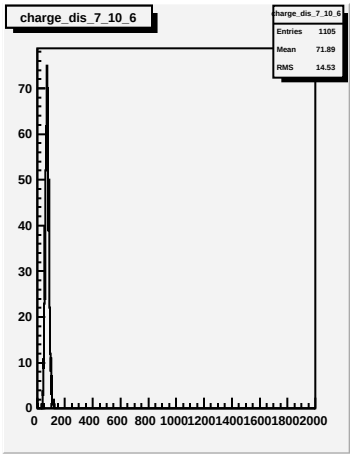
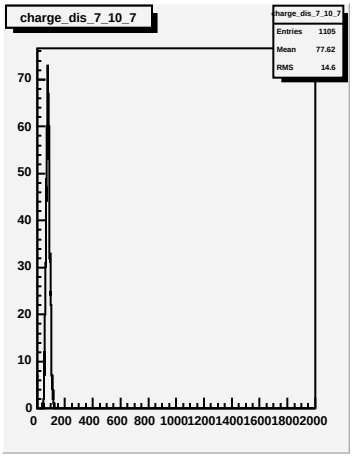
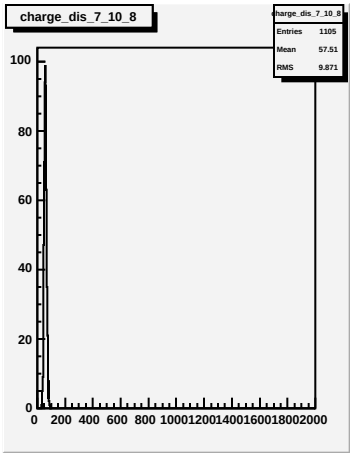
charge_dis_7_10_5
Entries 1105
Mean 86.92
RMS 20.89


charge_dis_7_10_6
charge_dis_7_10_6
Entries 1105
Mean 71.89
RMS 14.53


charge_dis_7_10_7
charge_dis_7_10_7
Entries 1105
Mean 77.62
RMS 14.6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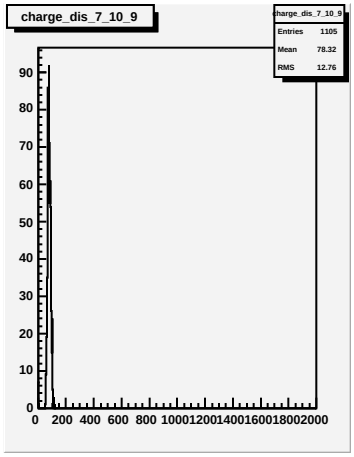
Entries 1105
Mean 57.51
RMS 9.871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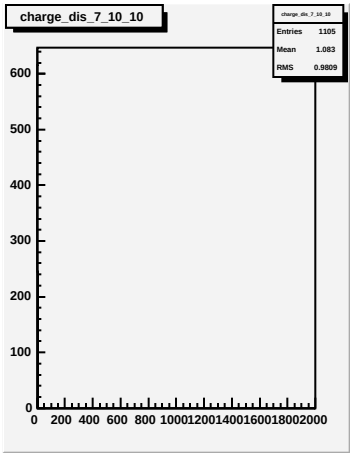
charge_dis_7_10_9
Entries 1105
Mean 78.32
RMS 12.76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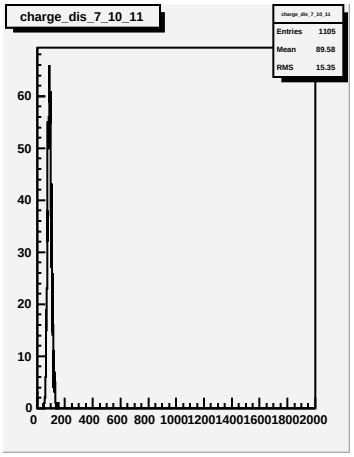
Mean 1.083
RMS 0.9809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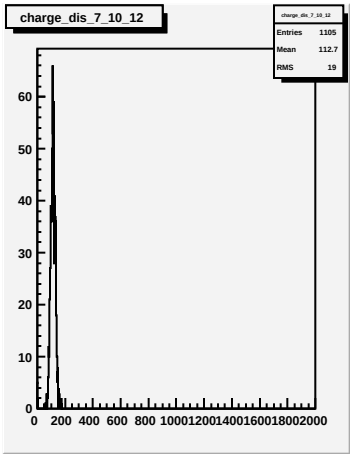
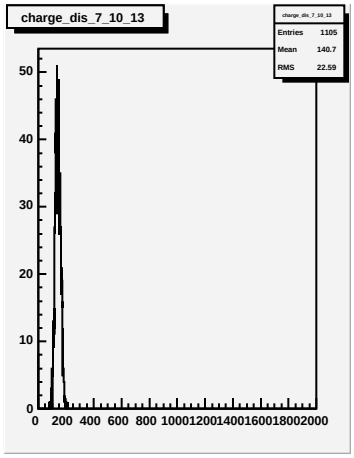
Entries 1105
Mean 89.58
RMS 15.35


charge_dis_7_10_12
charge_dis_7_10_12
Entries 1105
Mean 112.7
RMS 19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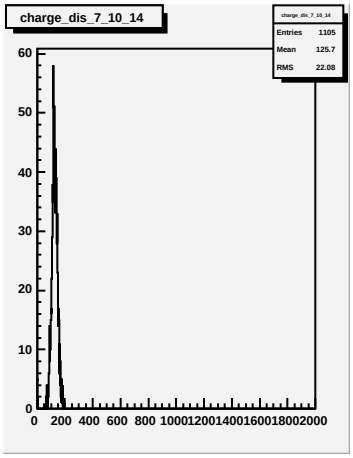
charge_dis_7_10_13
Entries 1105
Mean 140.7
RMS 22.59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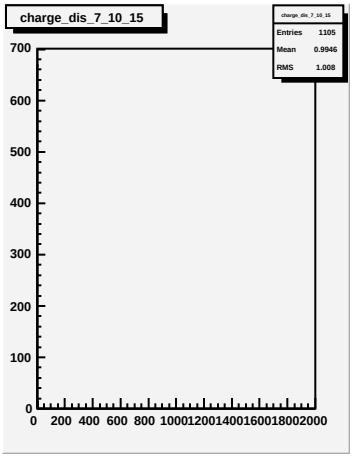
charge_dis_7_10_14
Entries 1105
Mean 125.7
RMS 22.08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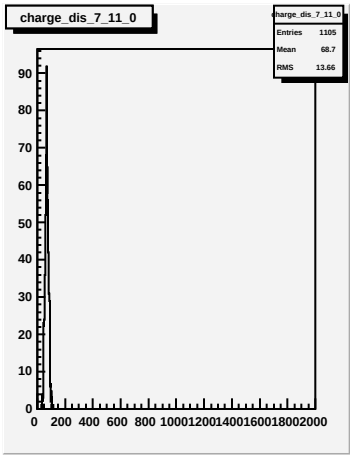
charge_dis_7_10_15
Entries 1105
Mean 0.9946
RMS 1.008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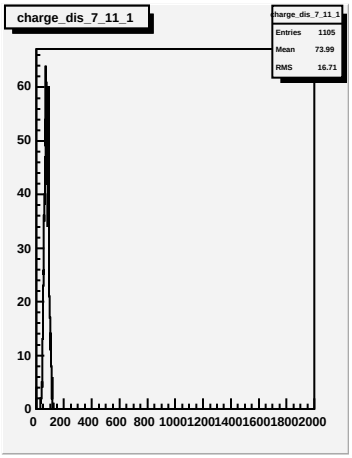
Entries 1105
Mean 68.7
RMS 13.66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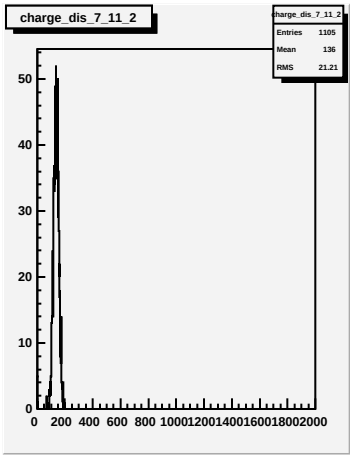
Entries 1105
Mean 73.99
RMS 16.71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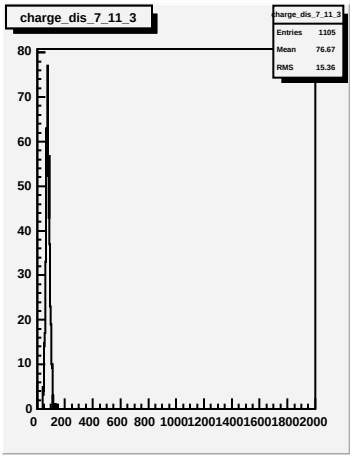
Entries 1105
Mean 136
RMS 21.21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Entries 1105
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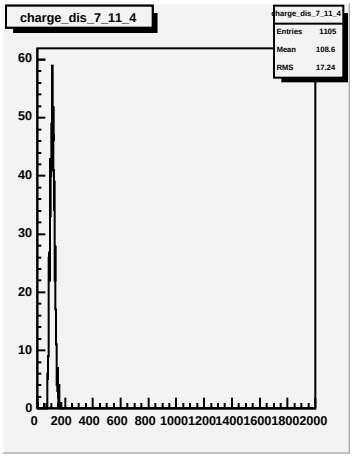
RMS 15.36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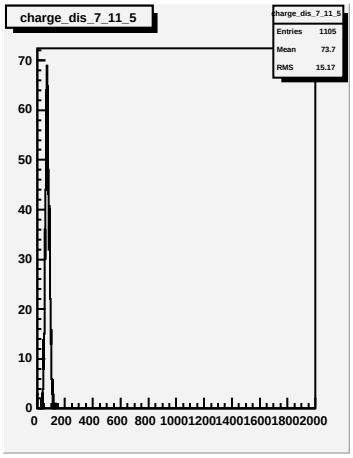
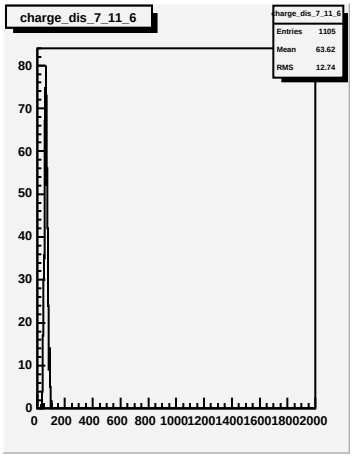
Entries 1105
Mean 108.6
RMS 17.24


charge_dis_7_11_5
Entries 1105
Mean 73.7
RMS 15.17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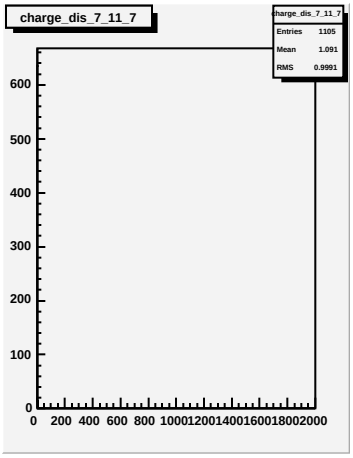
Entries 1105
Mean 63.62
RMS 12.74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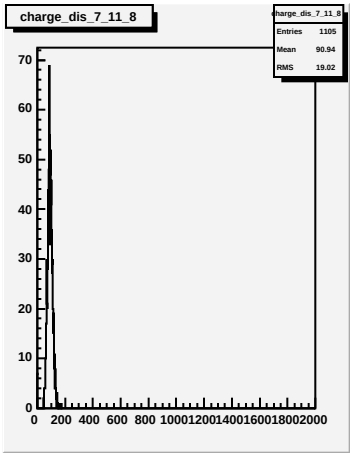
Entries 1105
Mean 1.091
RMS 0.9991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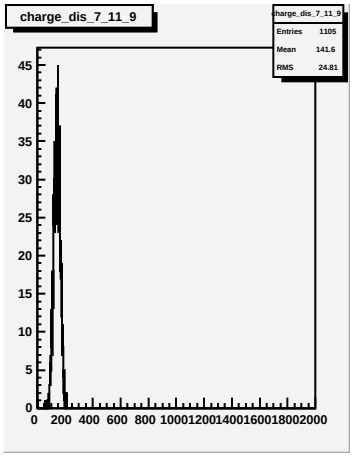
Entries 1105
Mean 90.94
RMS 19.02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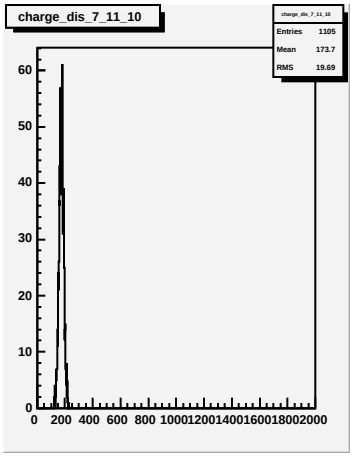
Entries 1105
Mean 141.6
RMS 24.81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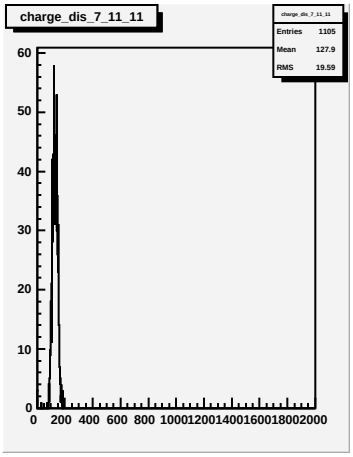
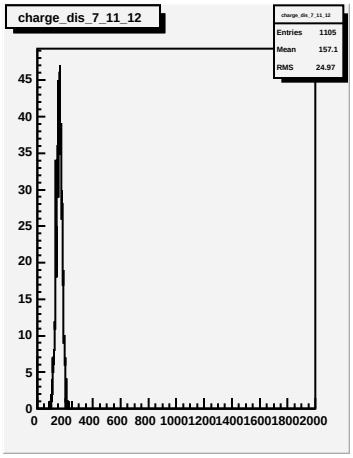
Entries 1105
Mean 173.7
RMS 19.69


charge_dis_7_11_11
Entries 1105
Mean 127.9
RMS 19.59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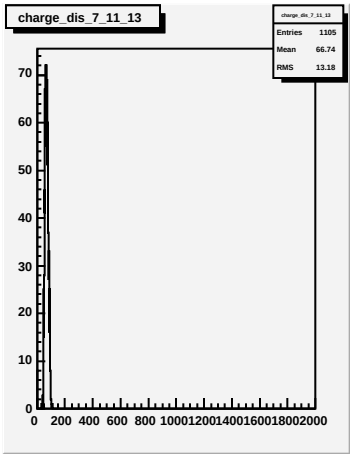
Entries 1105
Mean 157.1
RMS 24.97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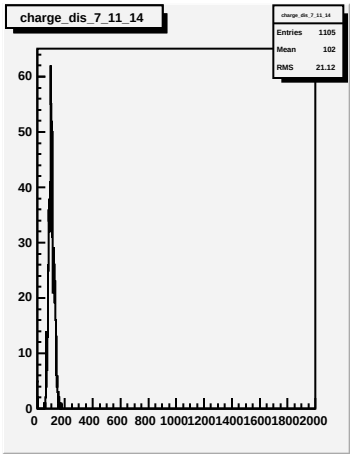
Entries 1105
Mean 66.74
RMS 13.18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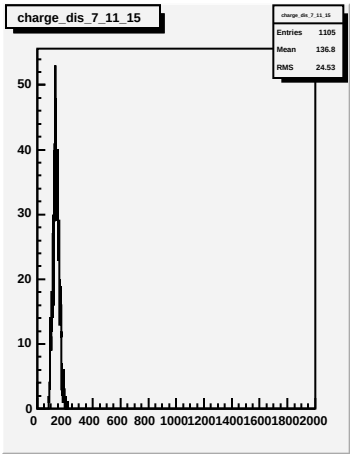
Entries 1105
Mean 102
RMS 21.12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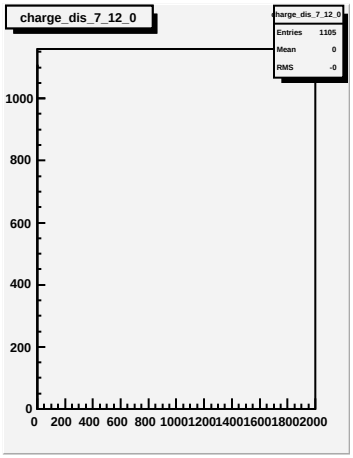
Entries 1105
Mean 136.8
RMS 24.53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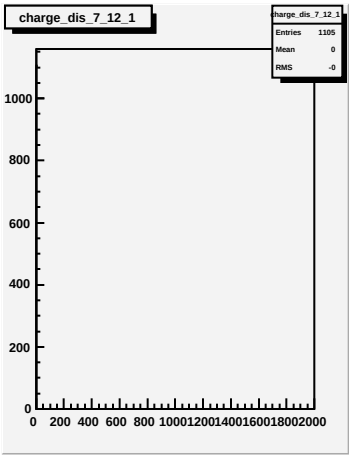
Entries 1105
Mean 0
RMS -0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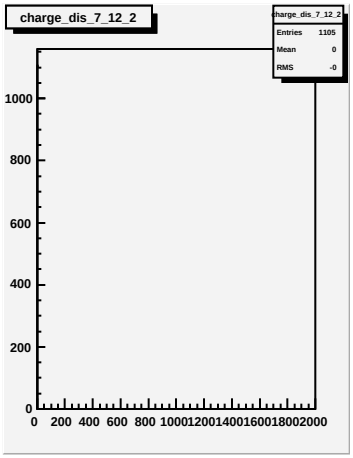
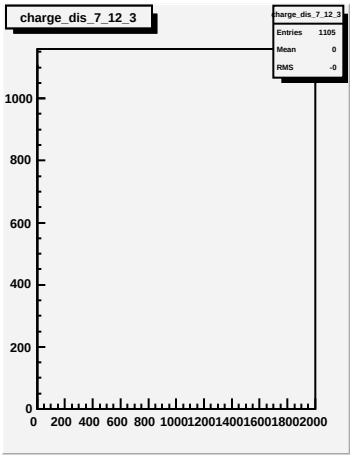
Entries 1105
Mean 0
RMS -0


charge_dis_7_12_2
Entries 1105
Mean 0
RMS -0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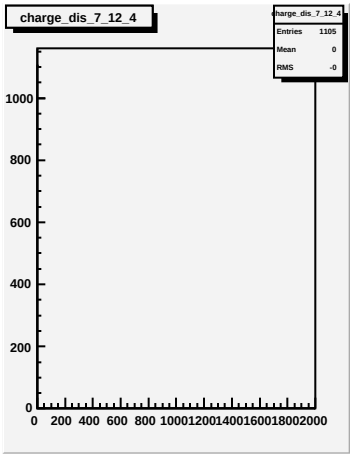
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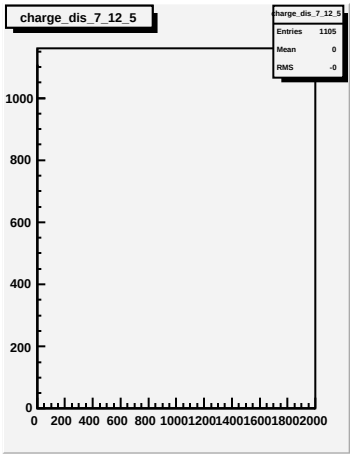
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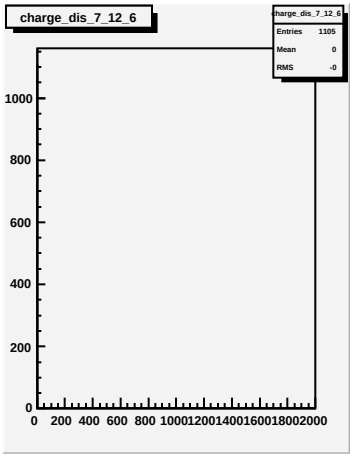
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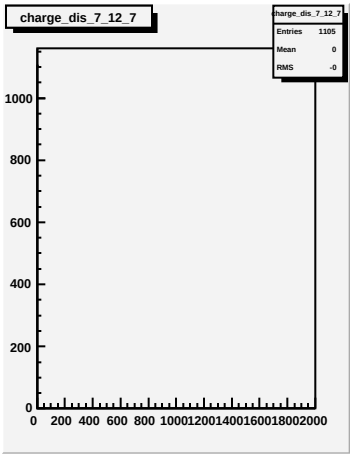
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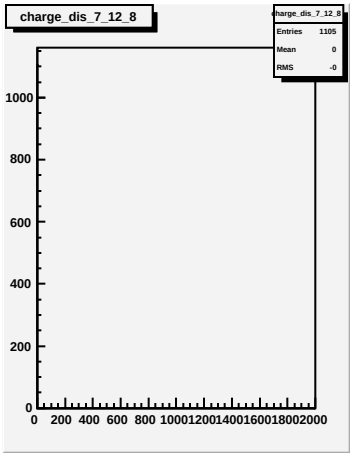
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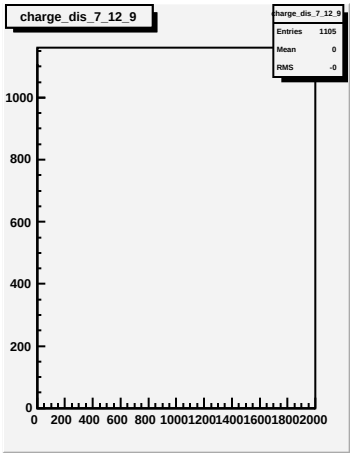
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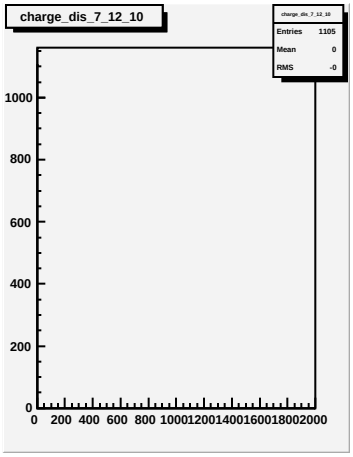
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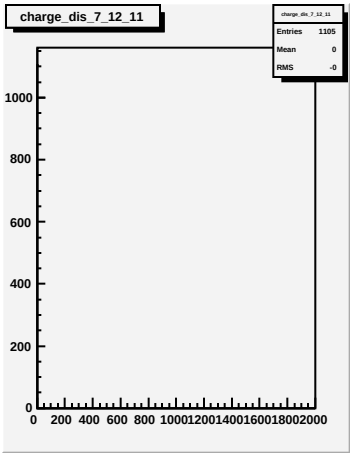
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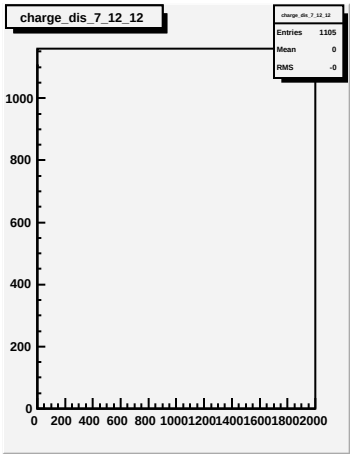
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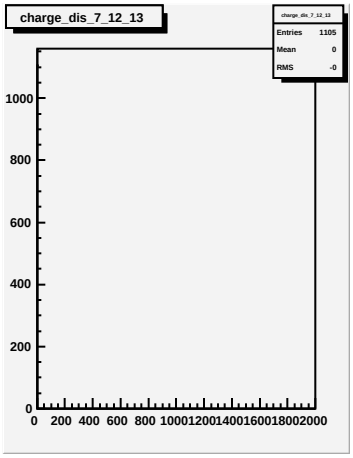
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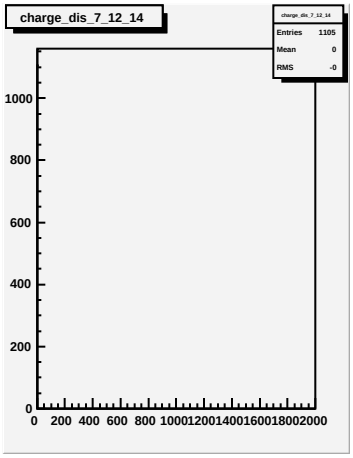
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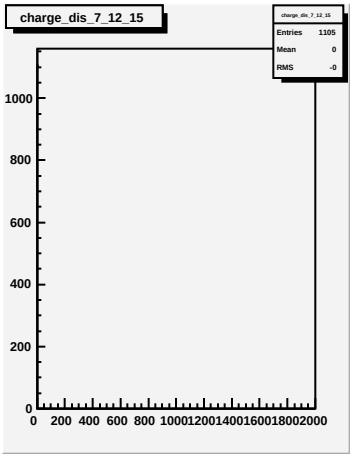
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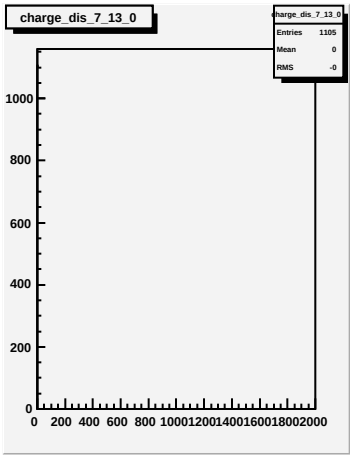
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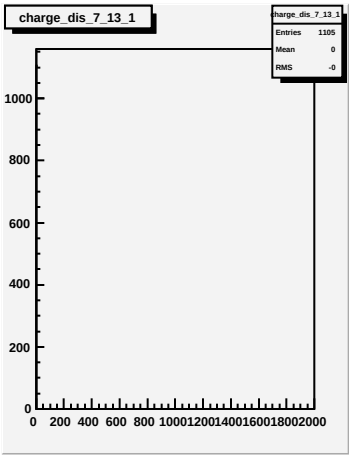
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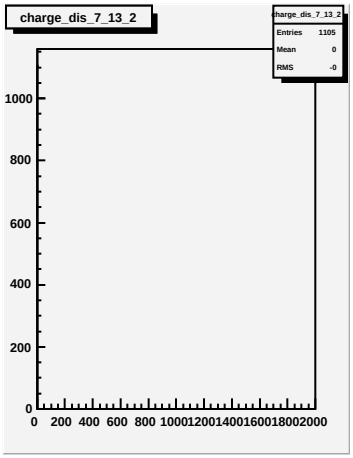
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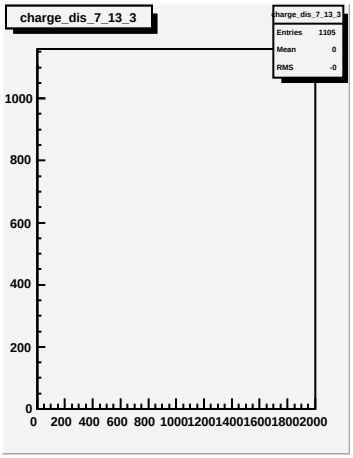
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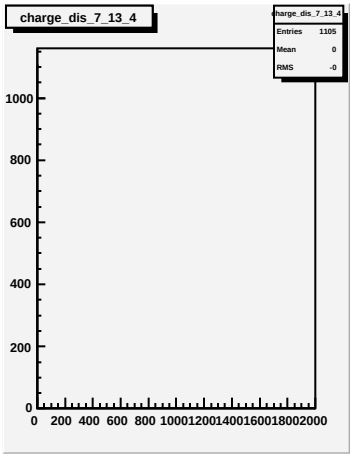
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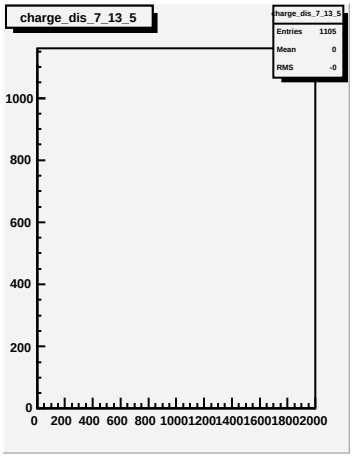
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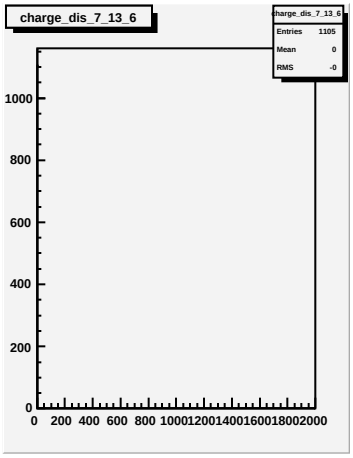
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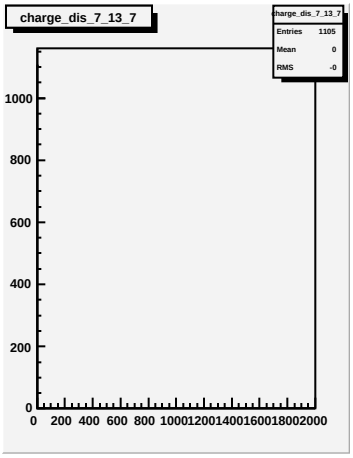
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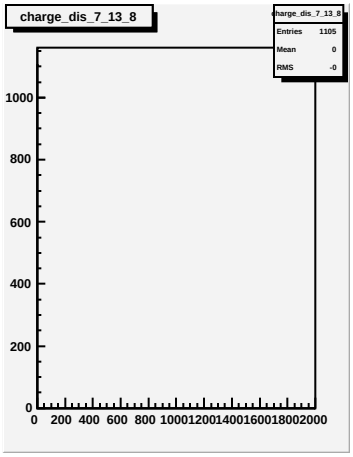
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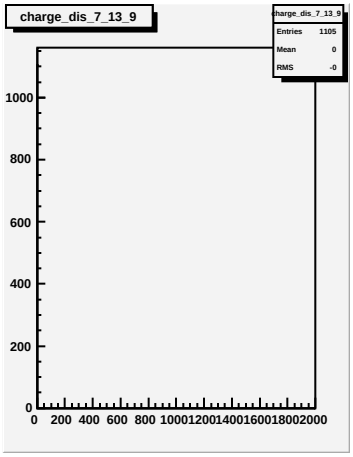
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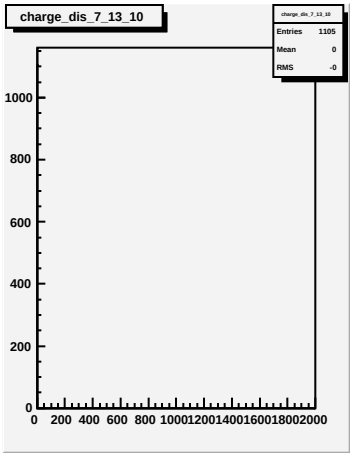
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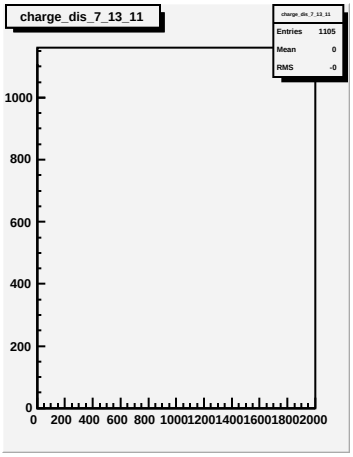
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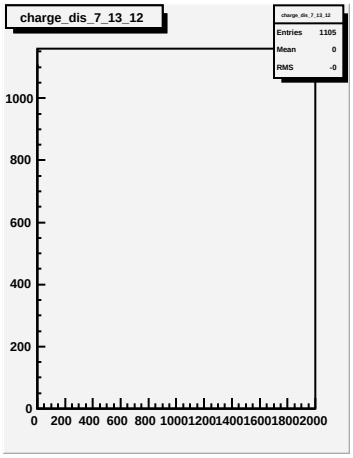
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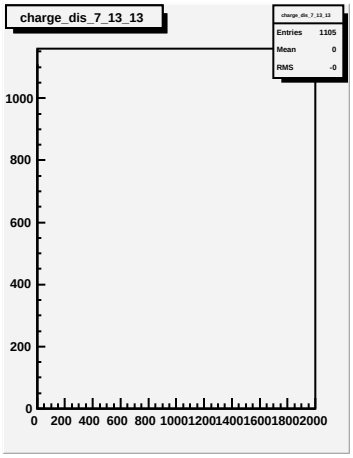
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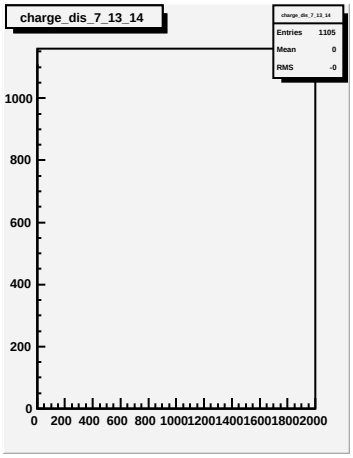
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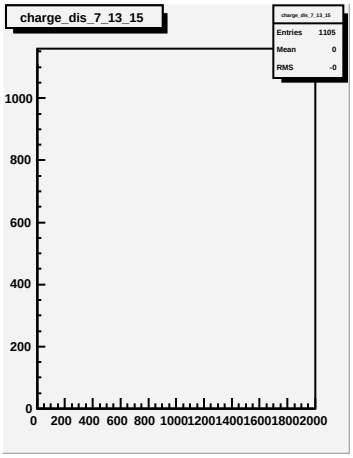
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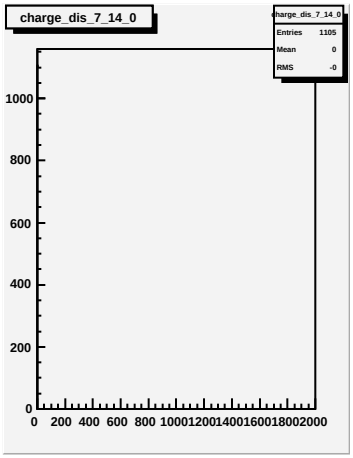
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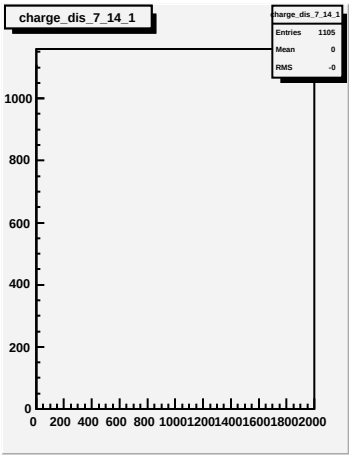
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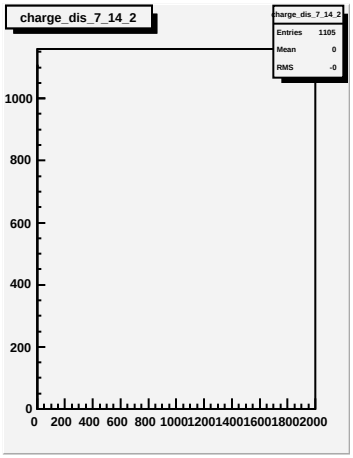
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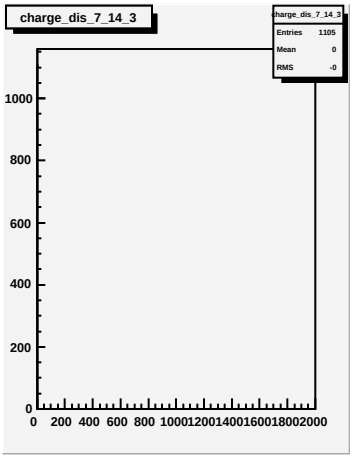
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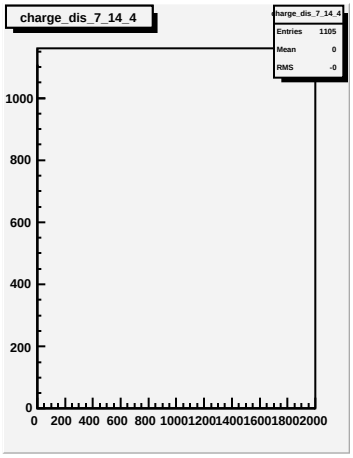
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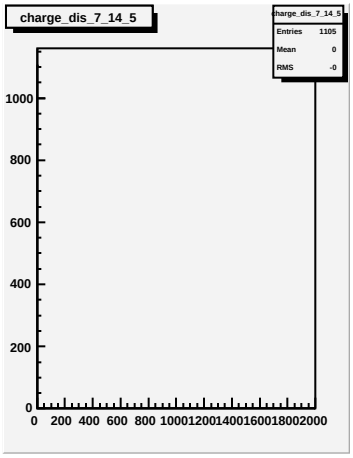
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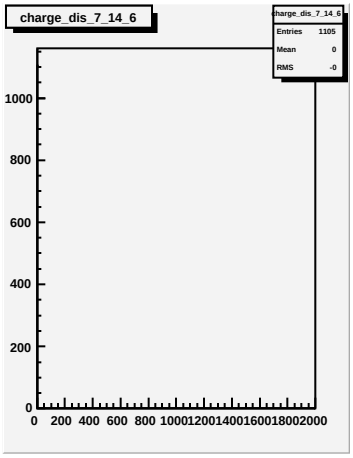
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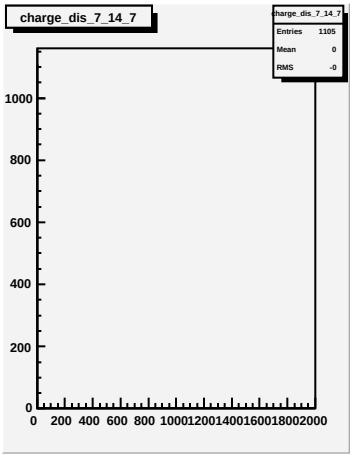
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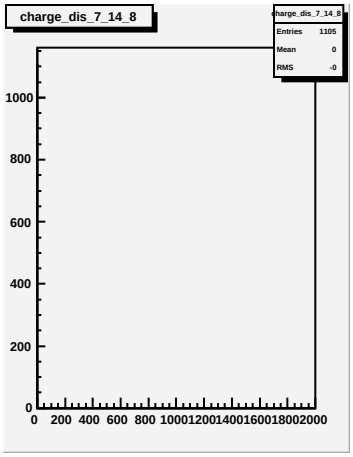
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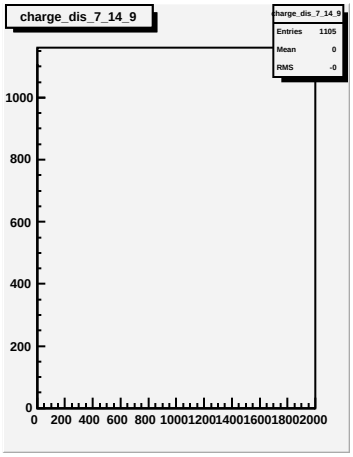
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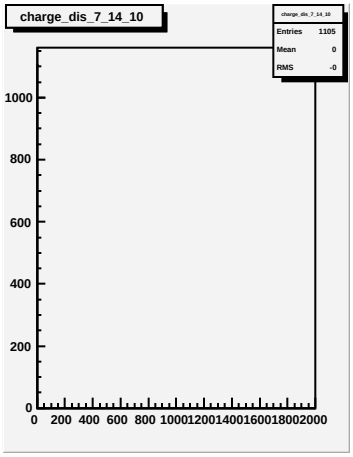
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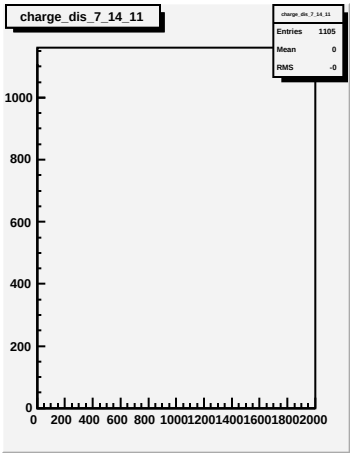
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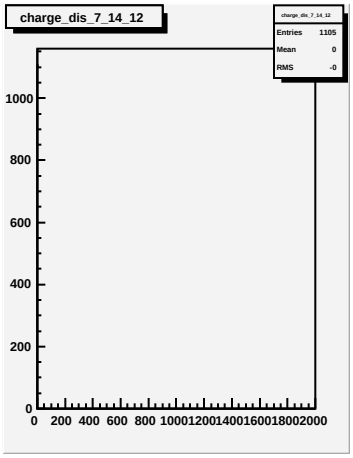
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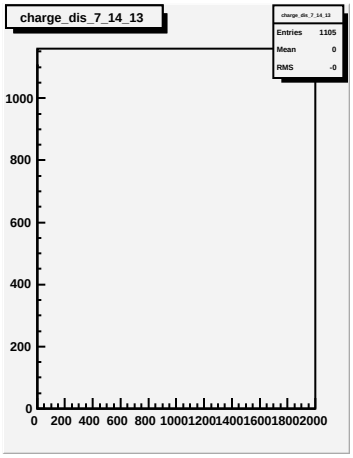
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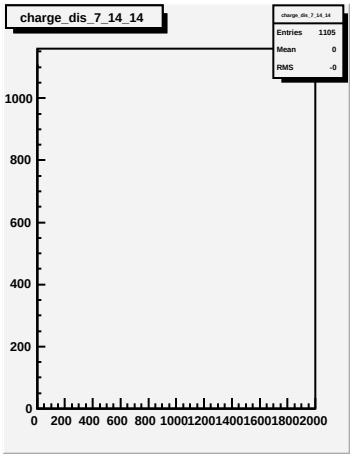
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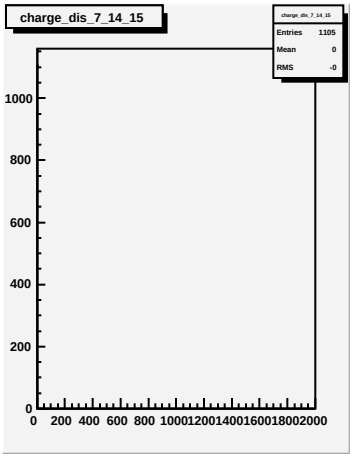
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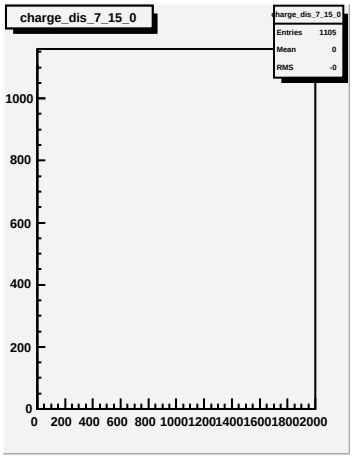
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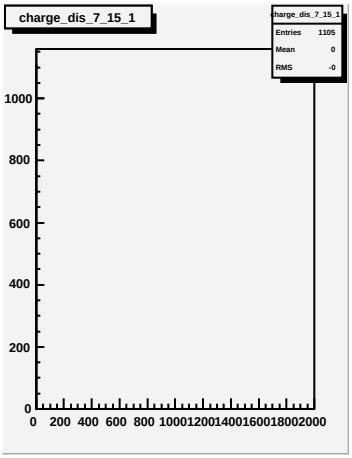
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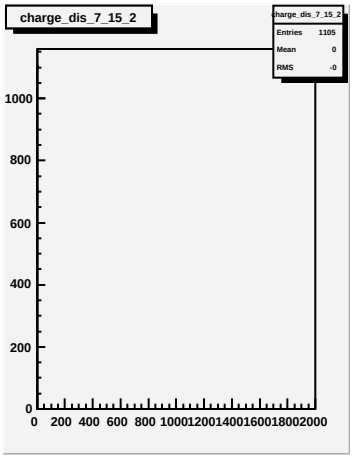
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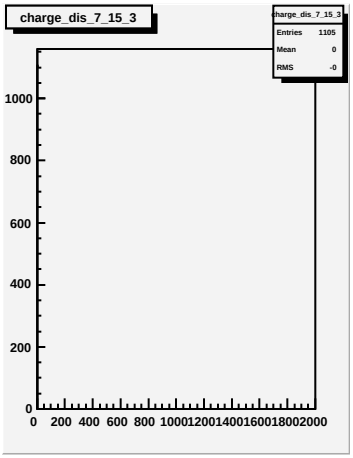
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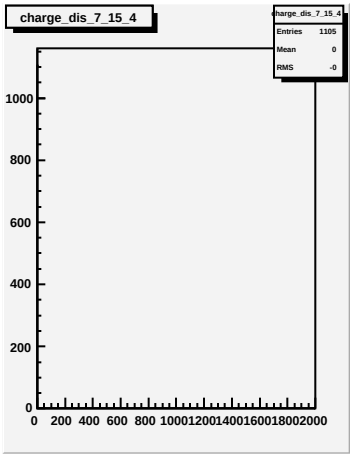
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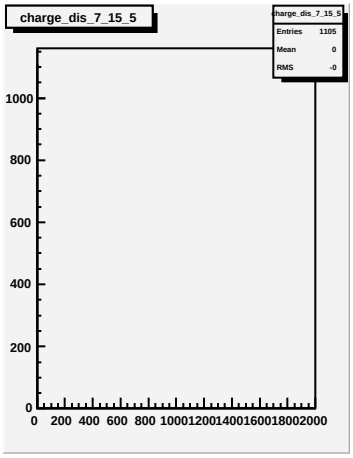
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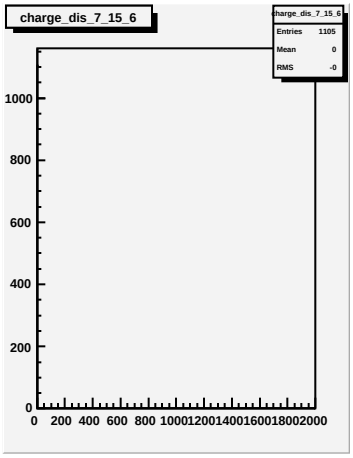
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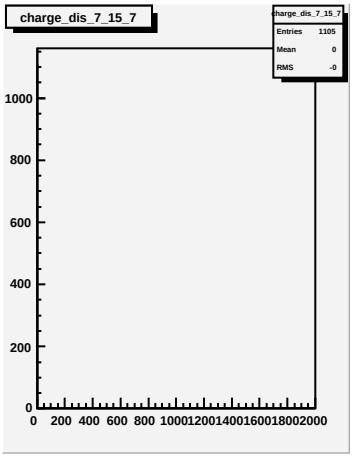
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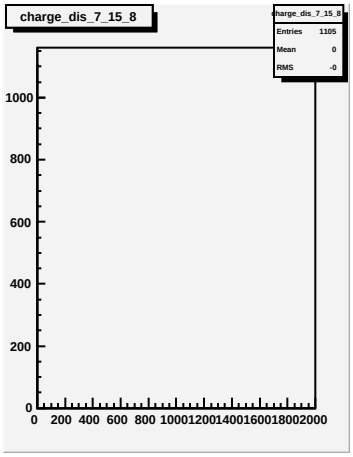
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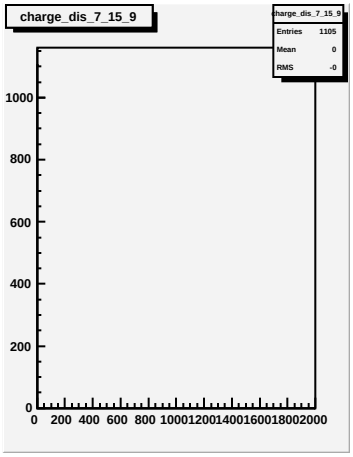
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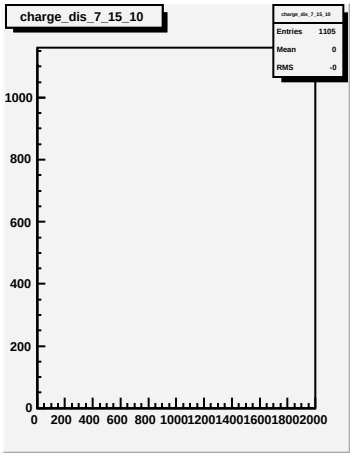
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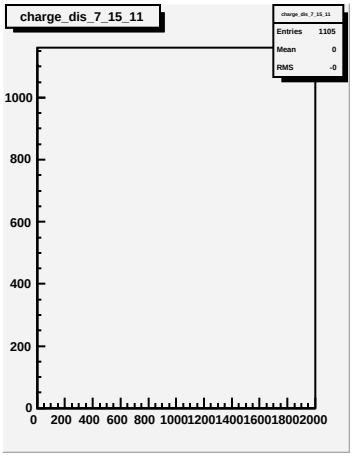
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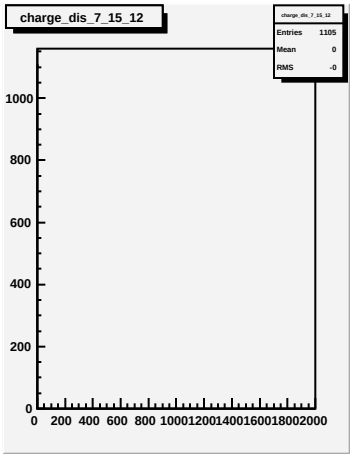
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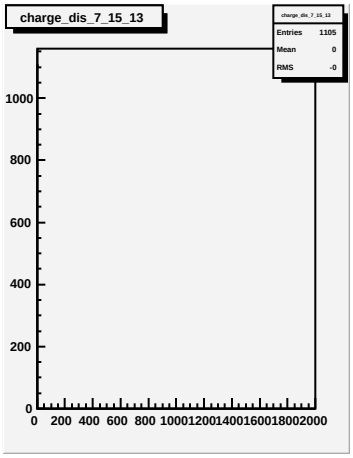
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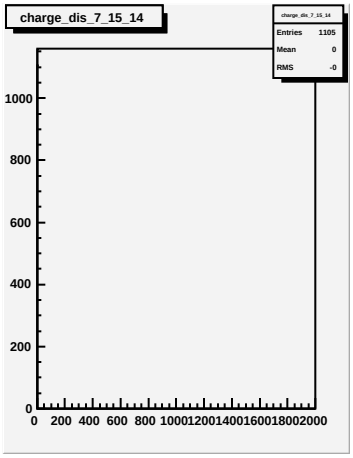
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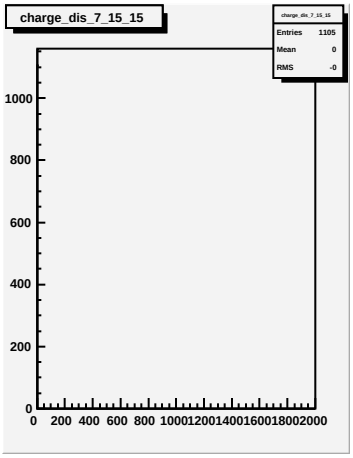
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