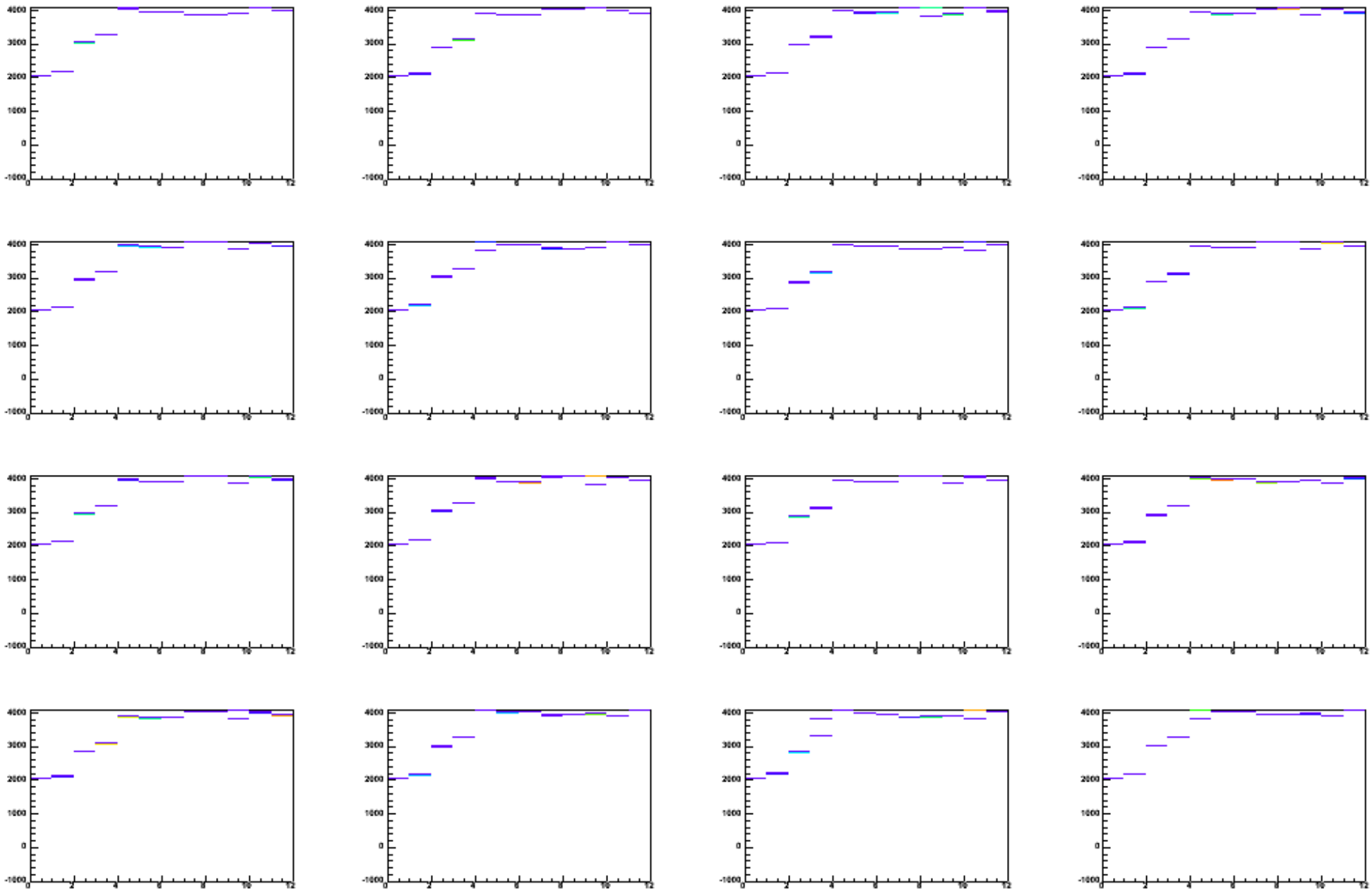
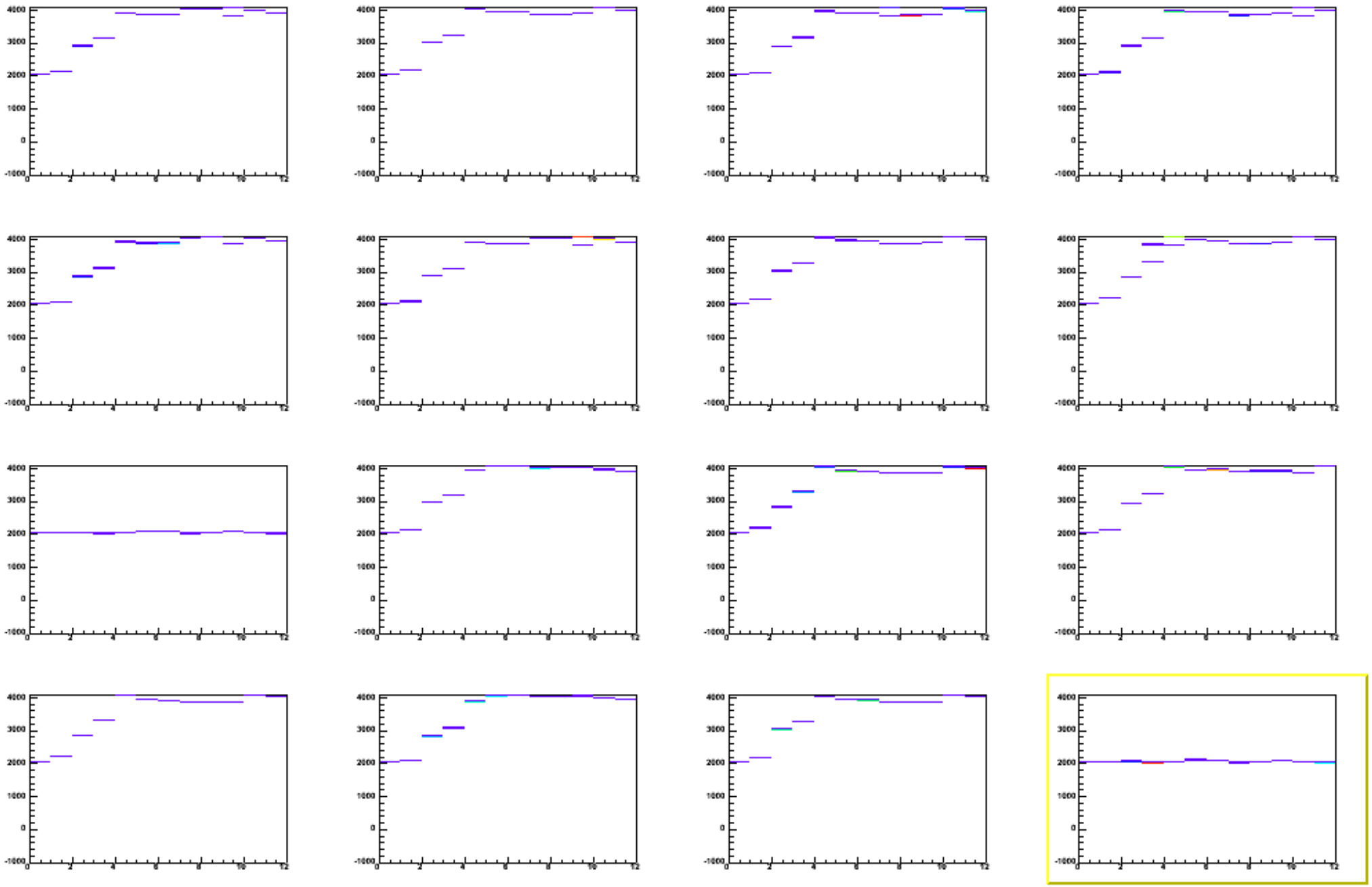
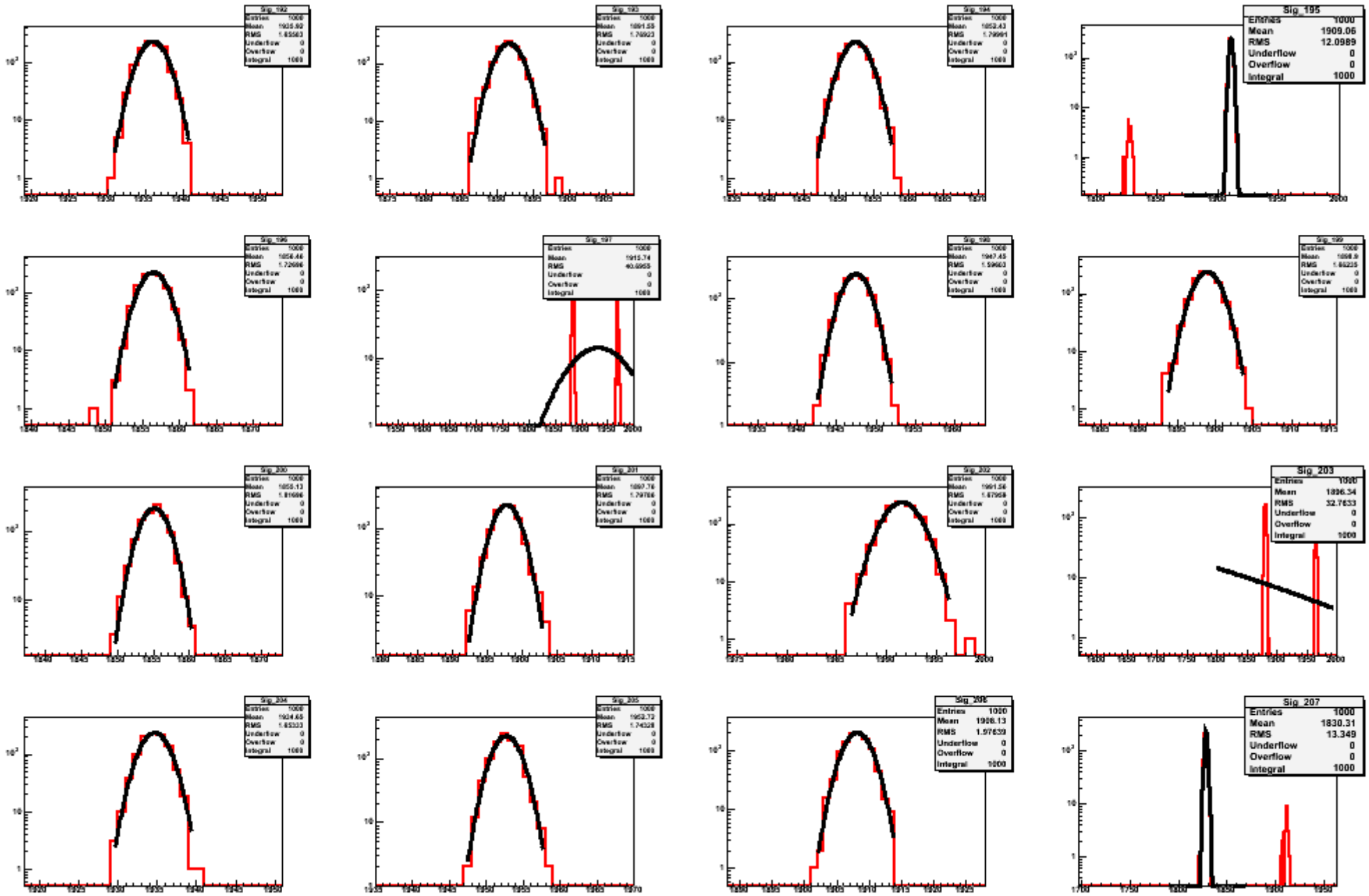
Analysis of the pulsed data with 12 samples

Raw ADC vs Sample no. for the data file with 12 samples



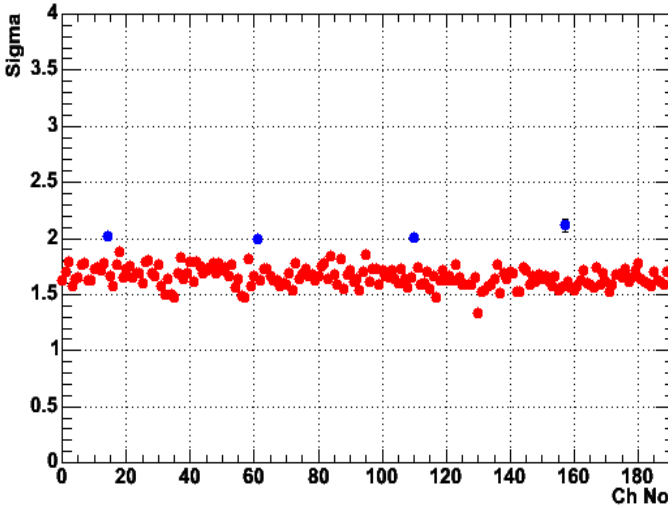
Raw ADC vs Sample no. for the data file with 12 samples



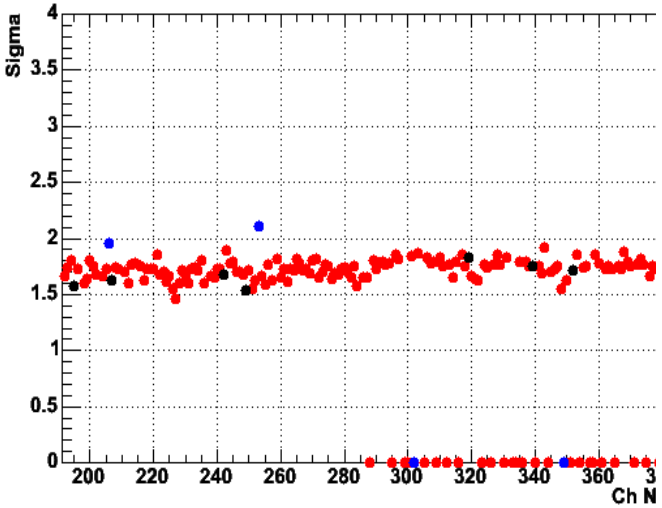

Sig_195
Entries 1000
Mean 1909.06
RMS 12.0989
Underflow 0
Overflow 0
Integral 1000
Sig_203
Entries 1000
Mean 1836.34
RMS 32.7833
Underflow 0
Overflow 0
Integral 1000
Sig_207
Entries 1000
Mean 1830.31
RMS 13.349
Underflow 0
Overflow 0
Integral 1000

Sigmas as a fn. of channel numbers, splitted into groups of 192 channels - I

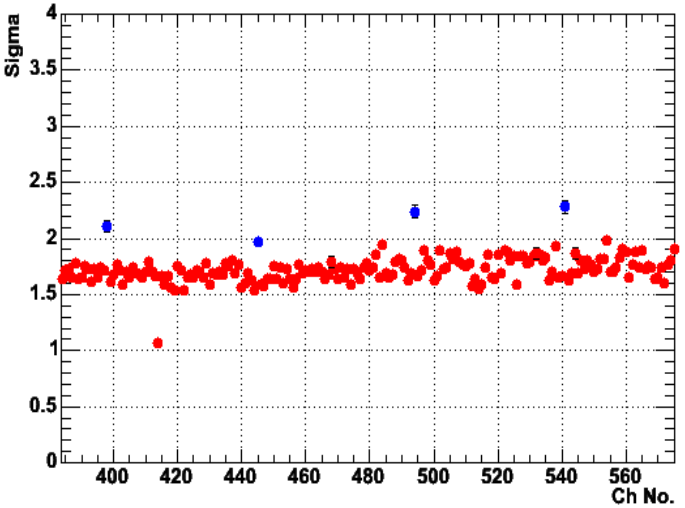
0 -191



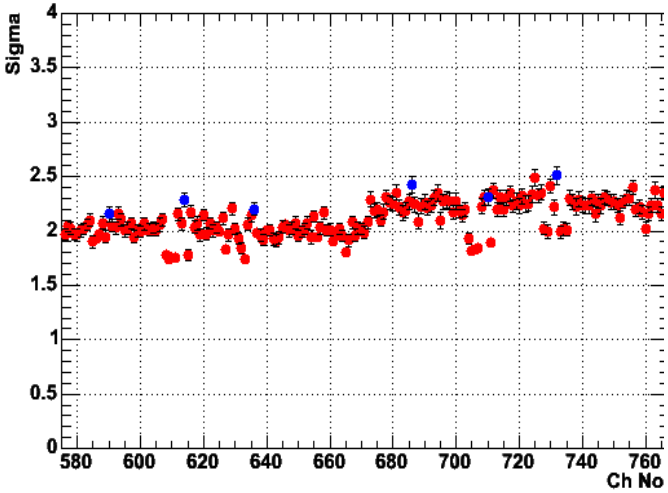
192 -383



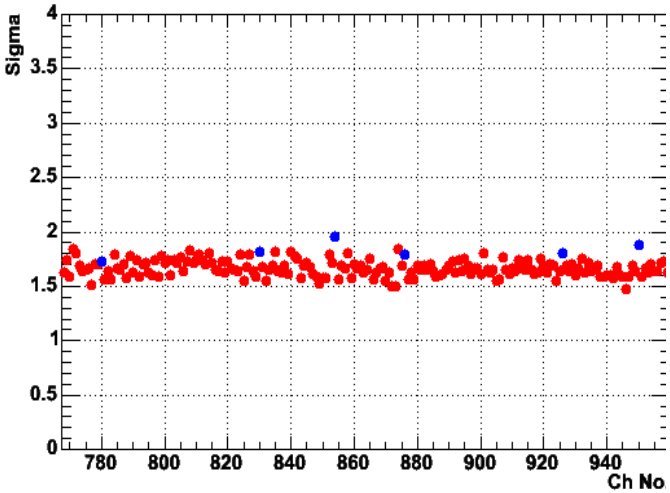
384 -575



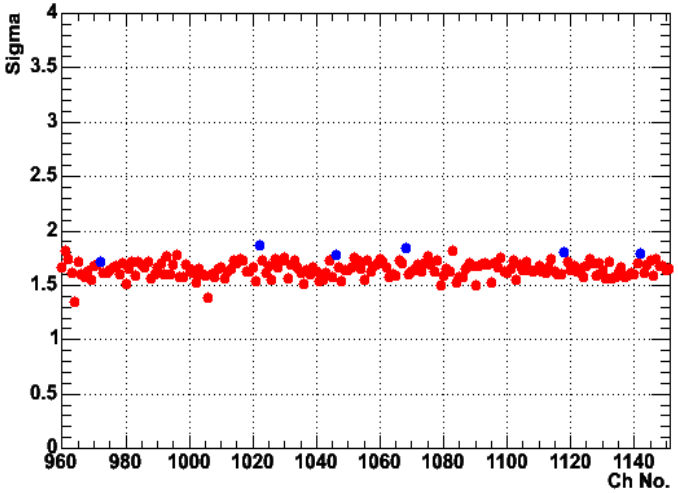
576 -767



728 -959

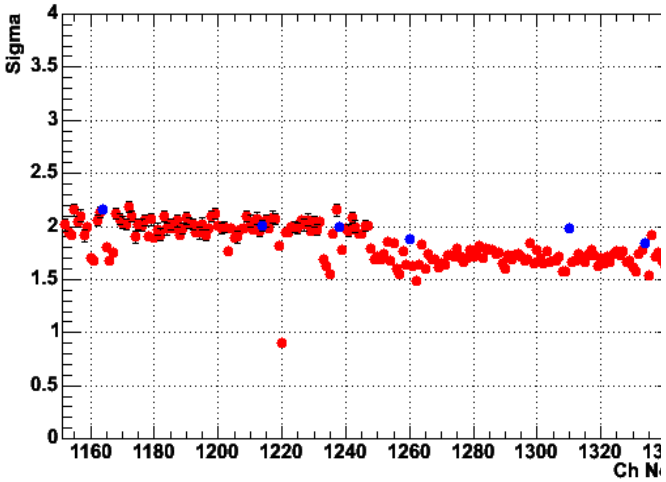


960 -1152

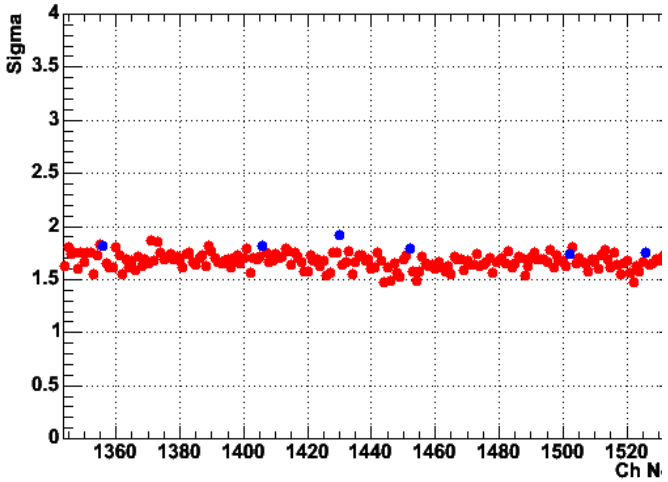


Sigmas as a fn. of channel numbers, splitted into groups of 192 channels - II

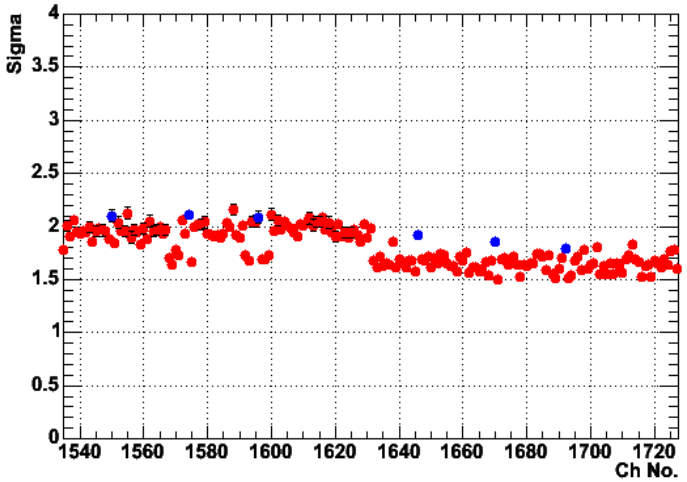
1152 -1343



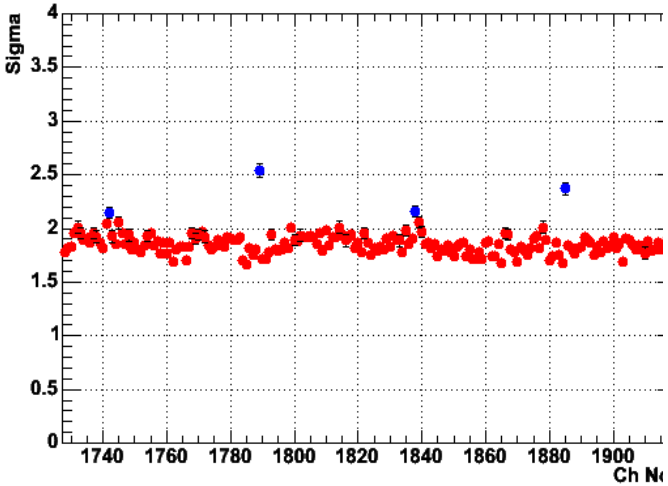
1344 -1535



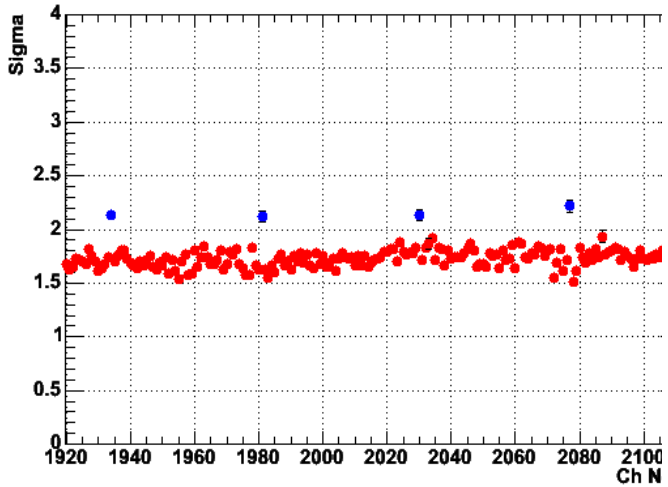
1536 - 1727



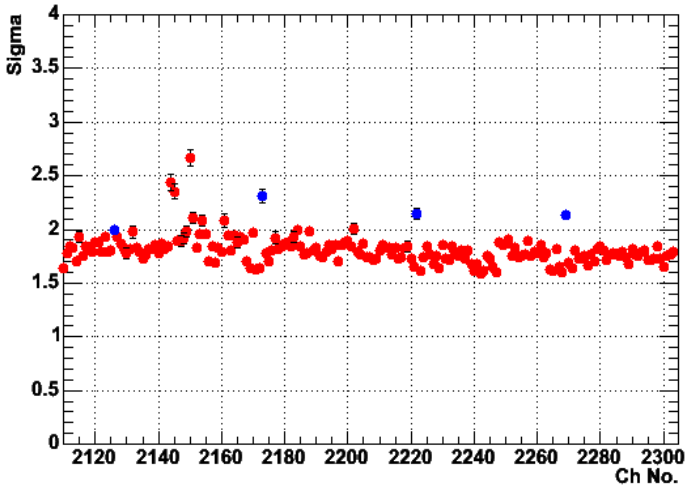
1728 -1919



1920 -2111

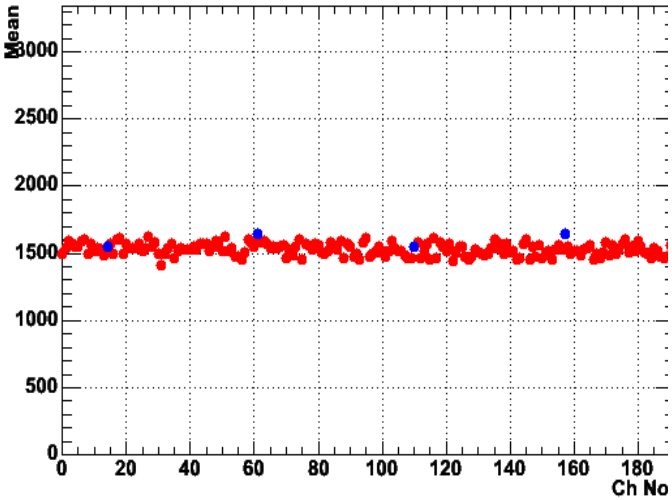


2112 -2303

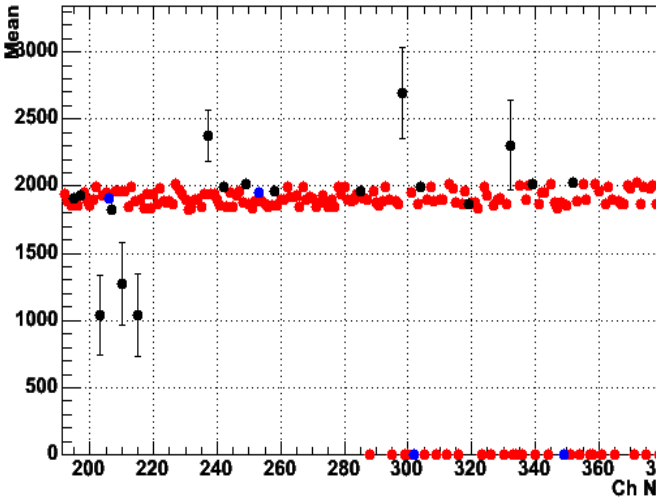


Mean as a fn. of channel numbers, splitted into groups of 192 channels - I

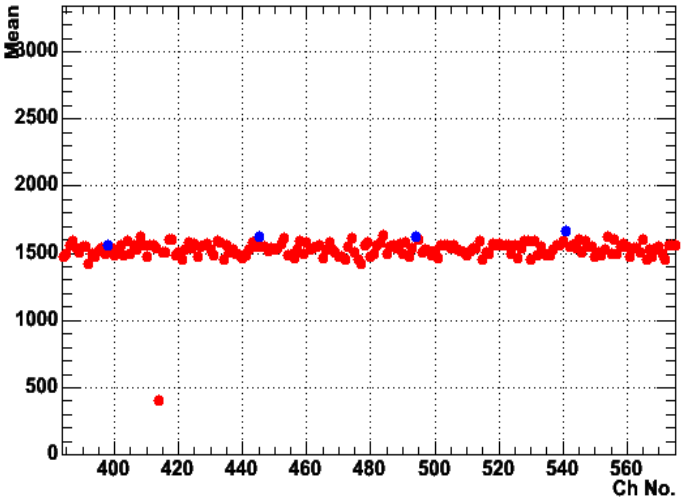
0 -191



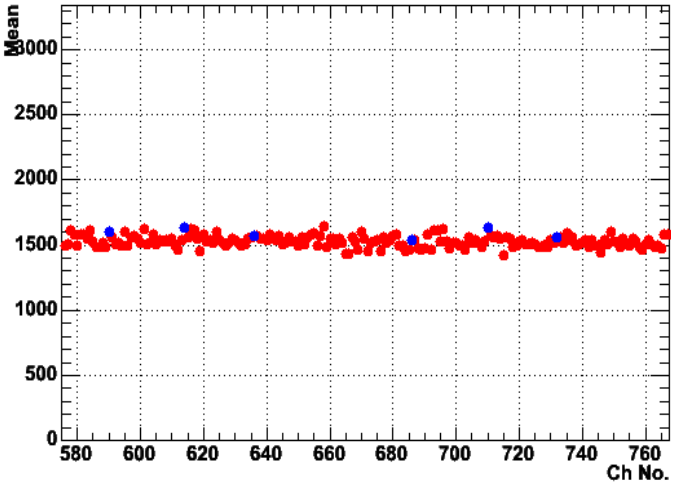
192 -383



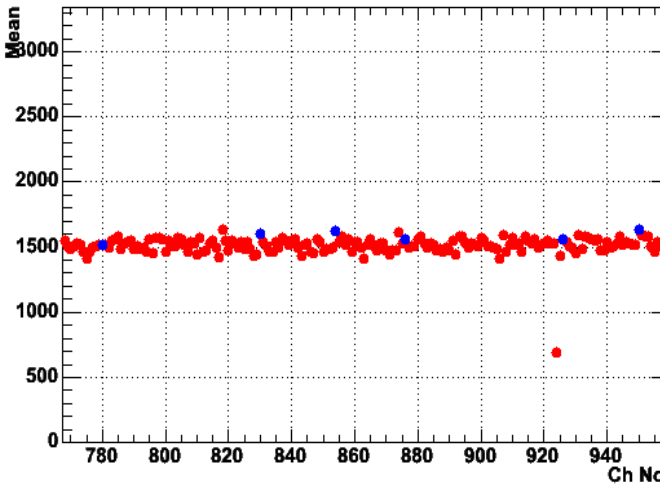
384 -575



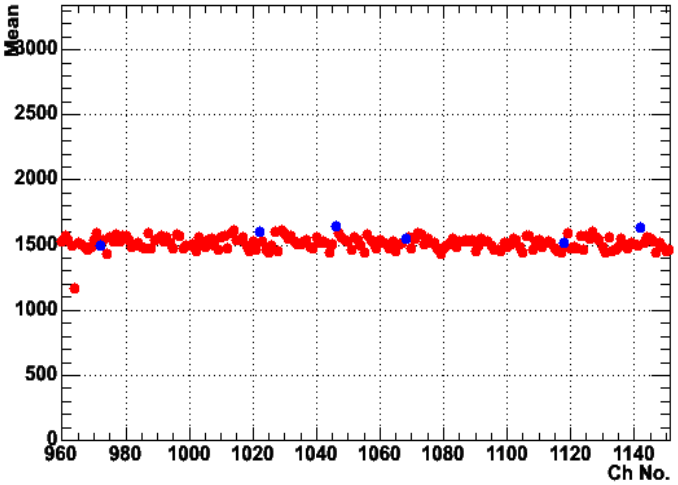
576 -727



728 -959

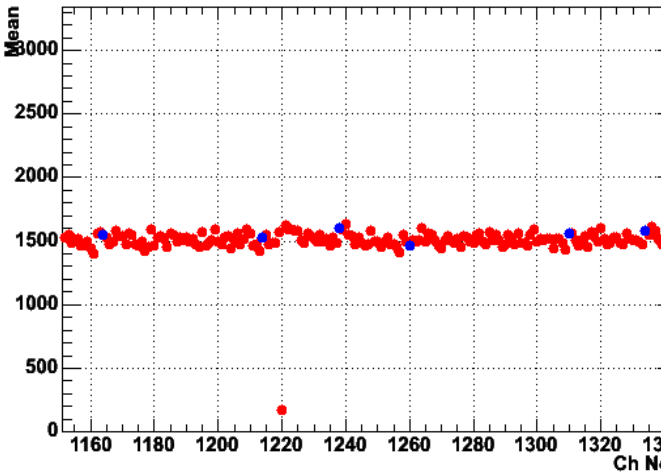


960 -1152

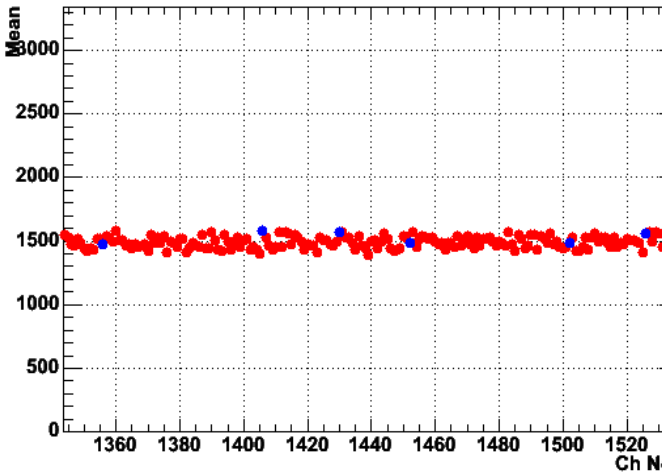


Mean as a fn. of channel numbers, splitted into groups of 192 channels - II

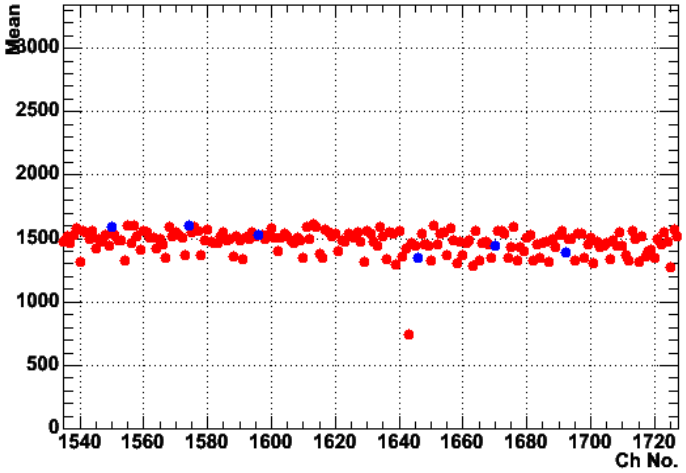
1152 -1343



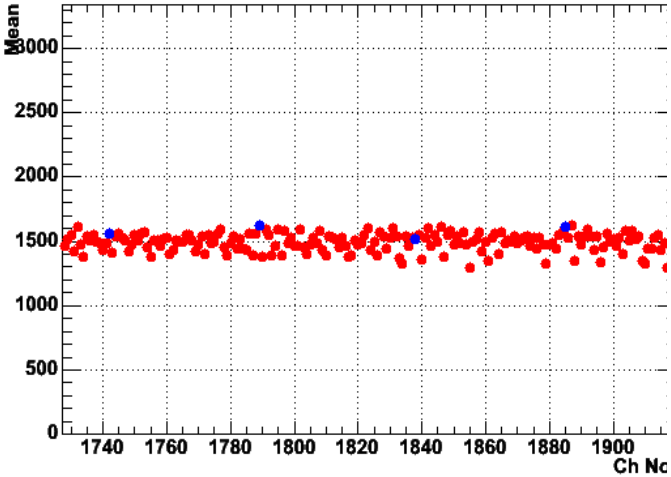
1344 -1535



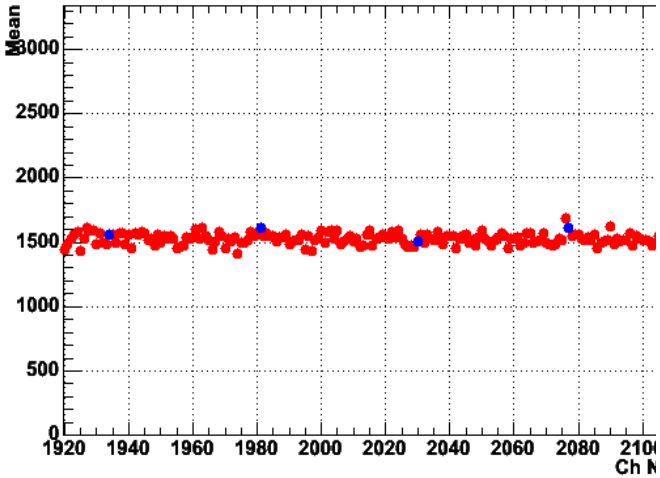
1536 - 1727



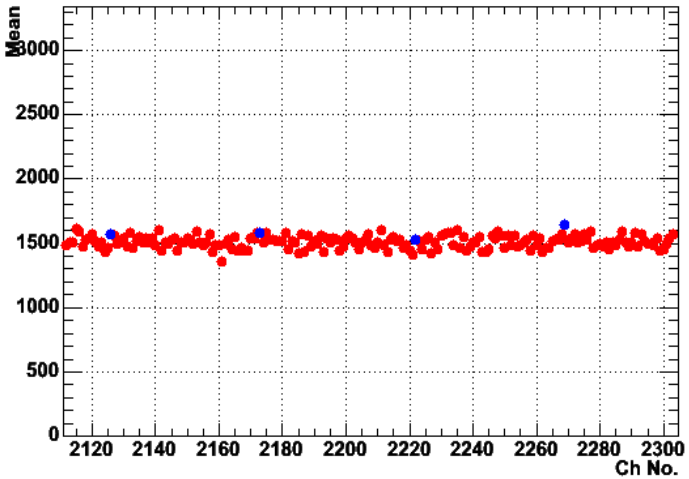
1728 -1919



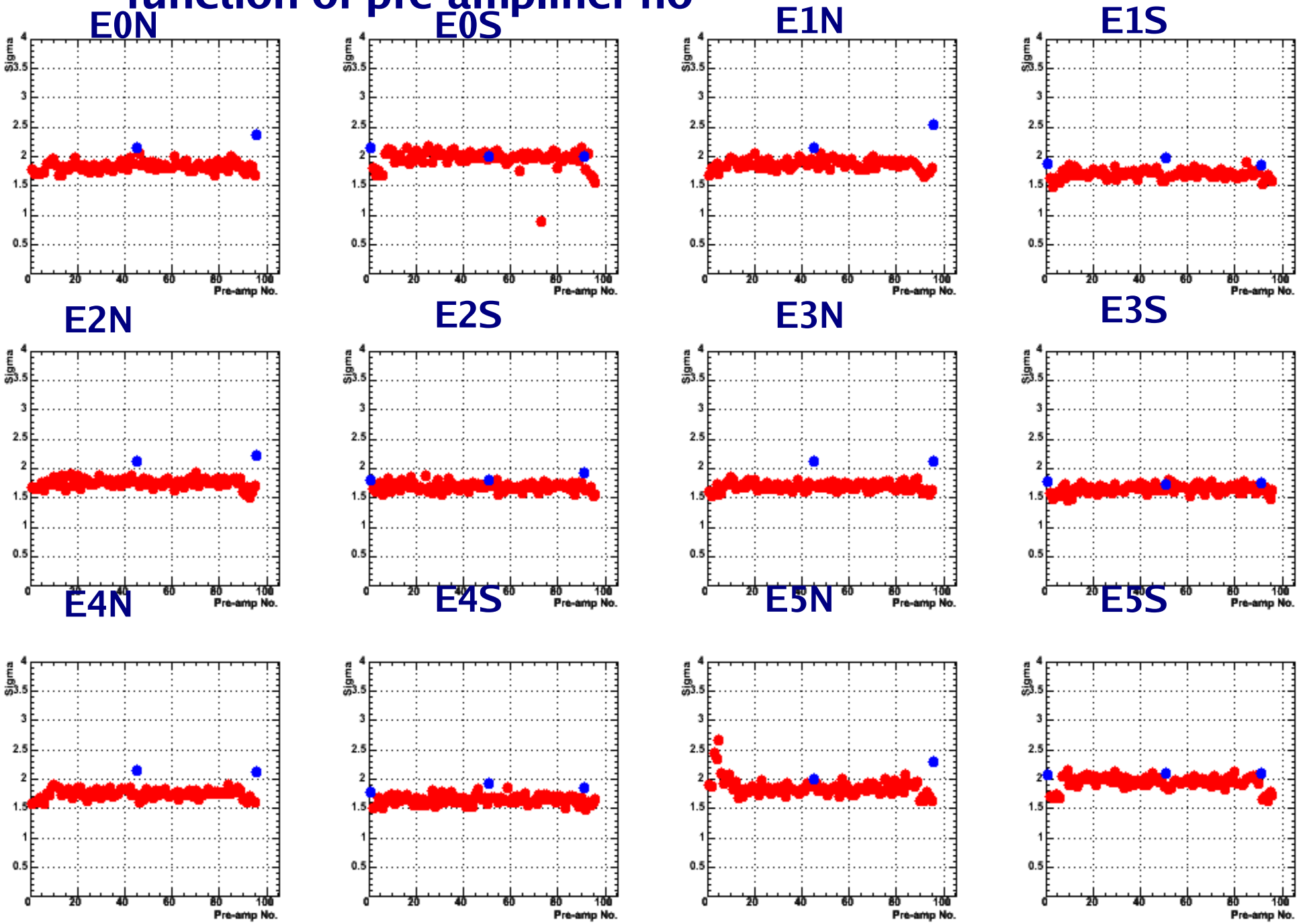
1920 -2111



2112 -2303

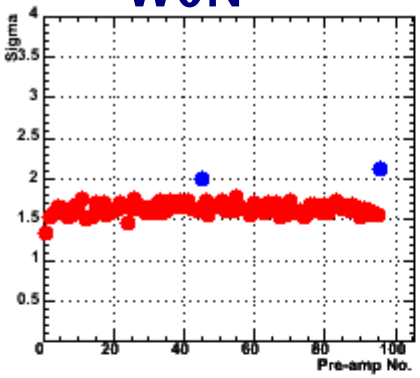


ARM 0 (EAST) CHANNELS 1152 -2303. Sigmas as a function of pre-amplifier no

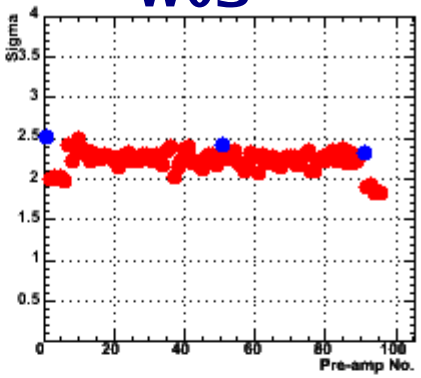


ARM 1 (WEST) CHANNELS 0 - 1151 . Sigmas as a function of pre-amplifier nos

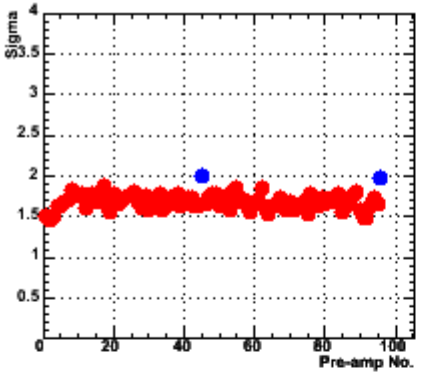
W0N



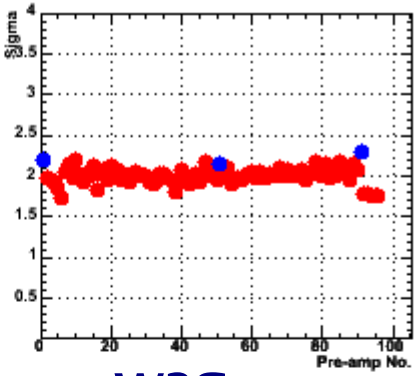
W0S



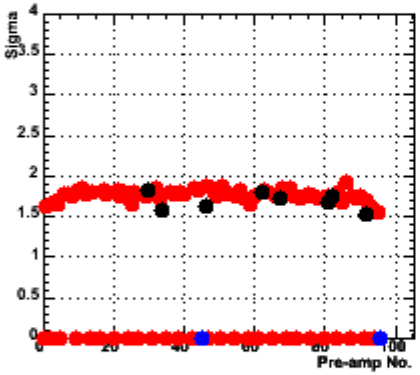
W1N



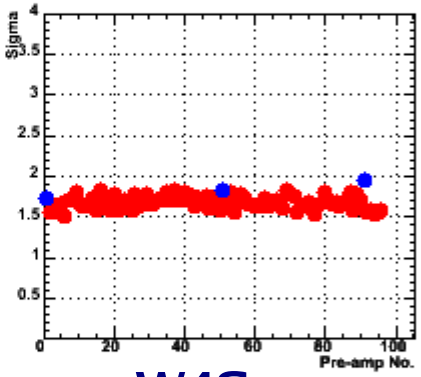
W1S



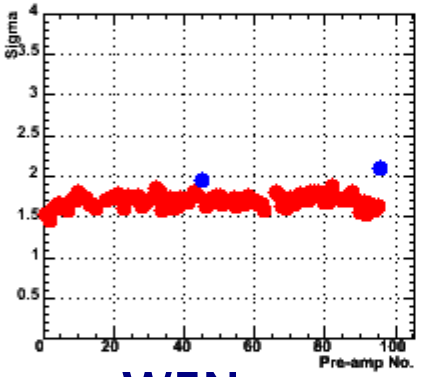
W2N



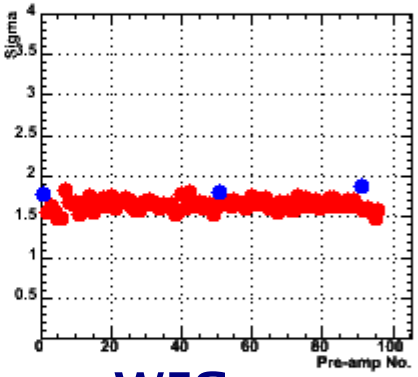
W2S



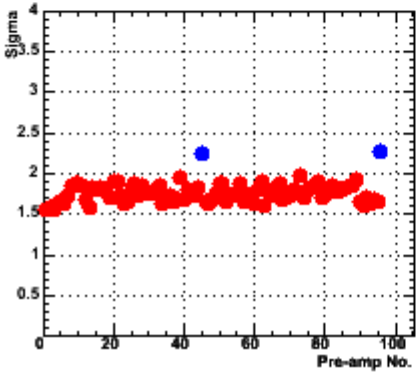
W3N



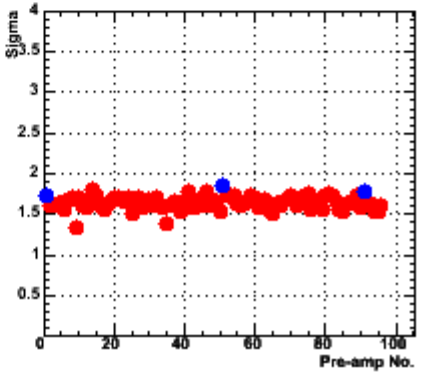
W3S



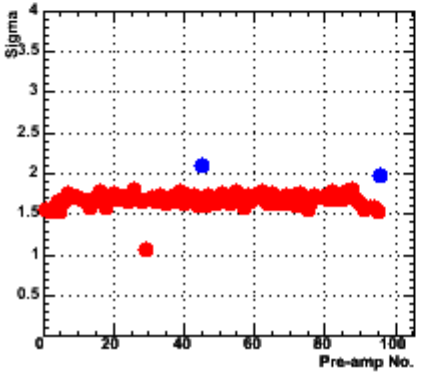
W4N



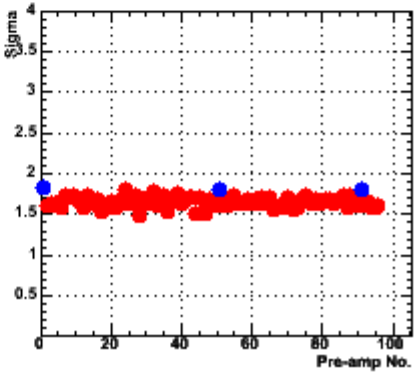
W4S



W5N



W5S



Channels with no signal (28 in total)

288, 295, 299, 300, 302, 305, 309, 312, 316, 323, 326, 330, 333, 334, 336, 340, 344, 349, 351, 354, 357, 358, 361, 365, 371, 375, 379, 382

Channels with 2 peaks (18 in total)

195, 197, 203, 207, 210, 215, 237, 242, 249, 258, 285, 298, 304, 319, 332, 339, 352, 383

Channels with low signal (4 in total)

1220, 414, 924, 1643