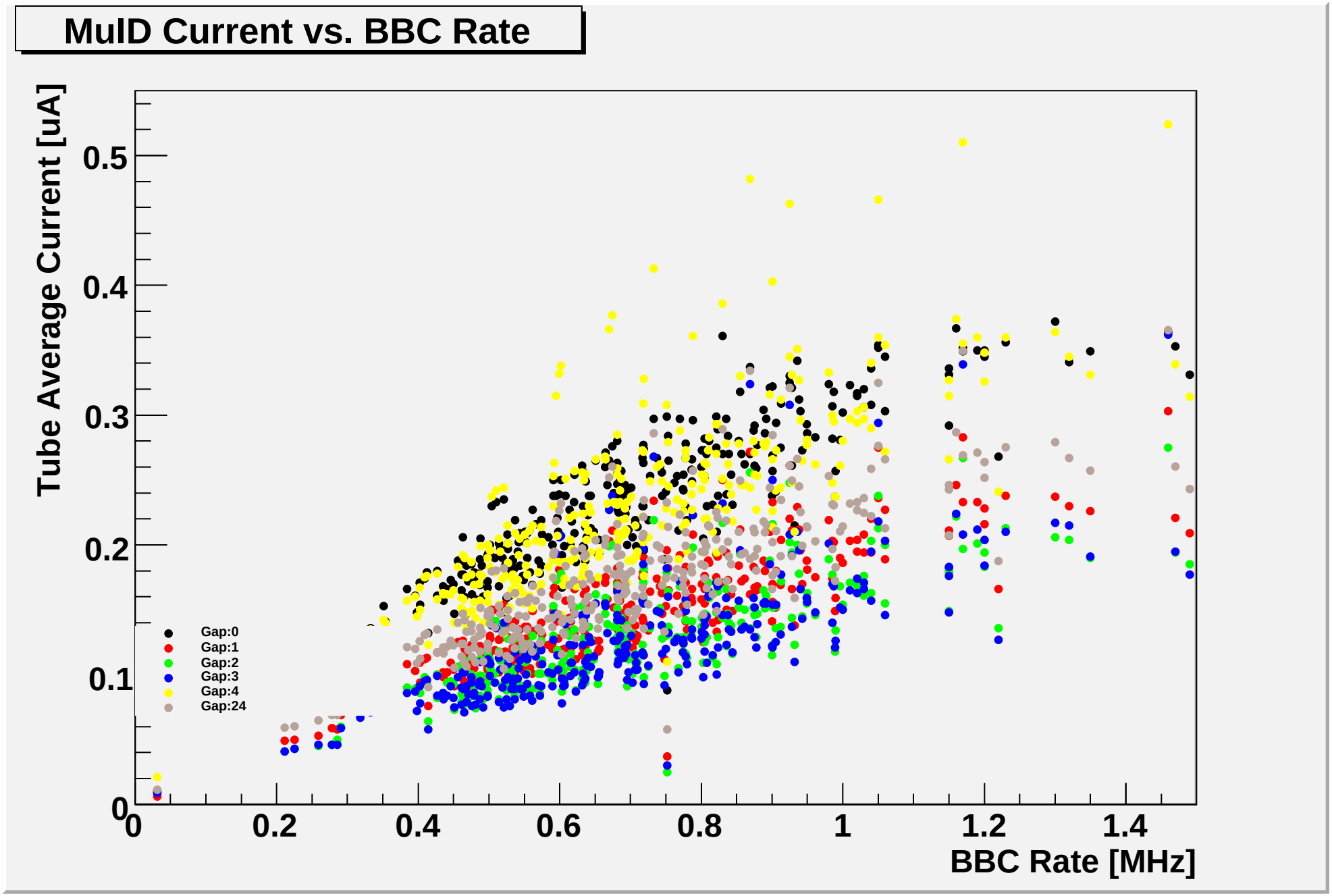
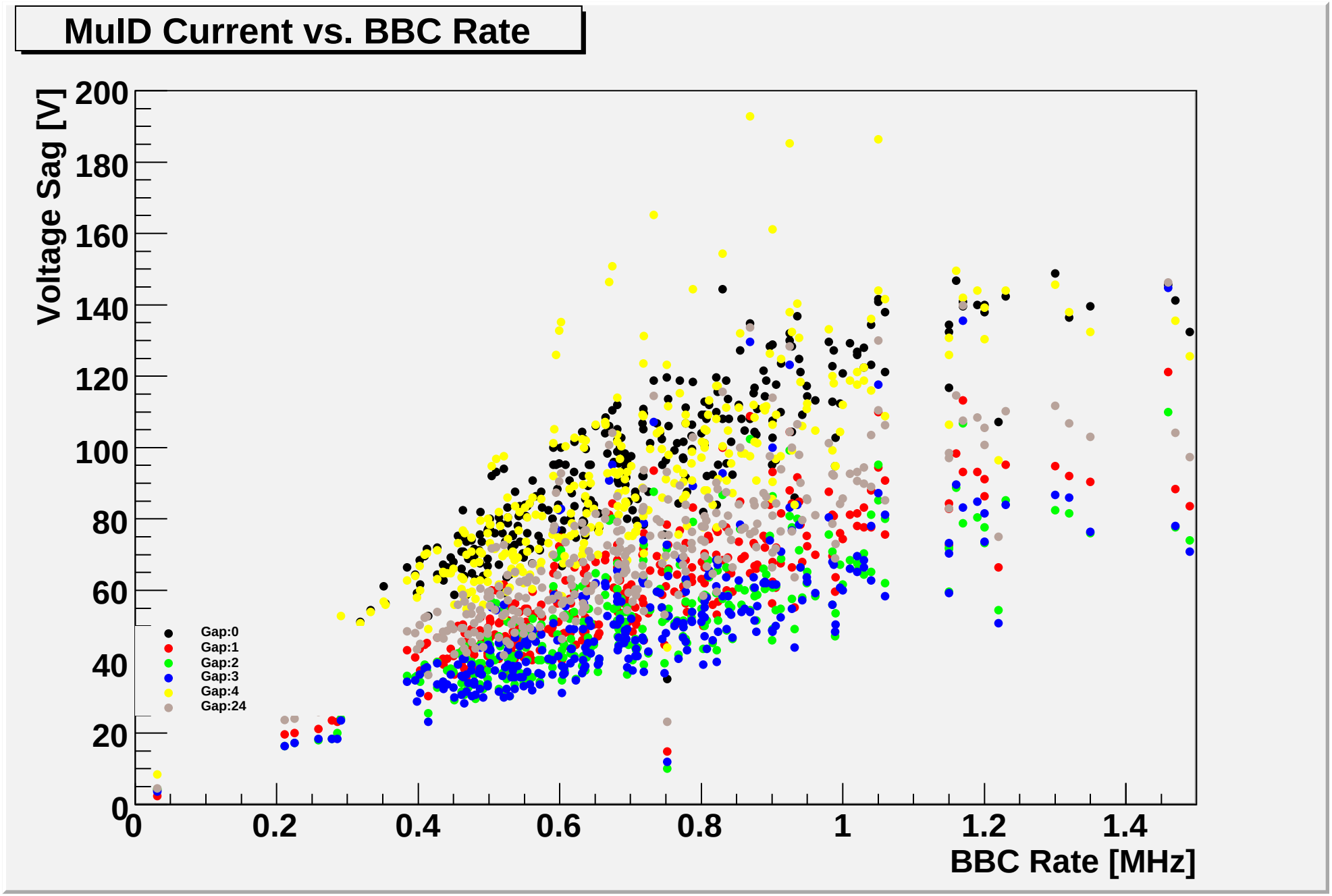
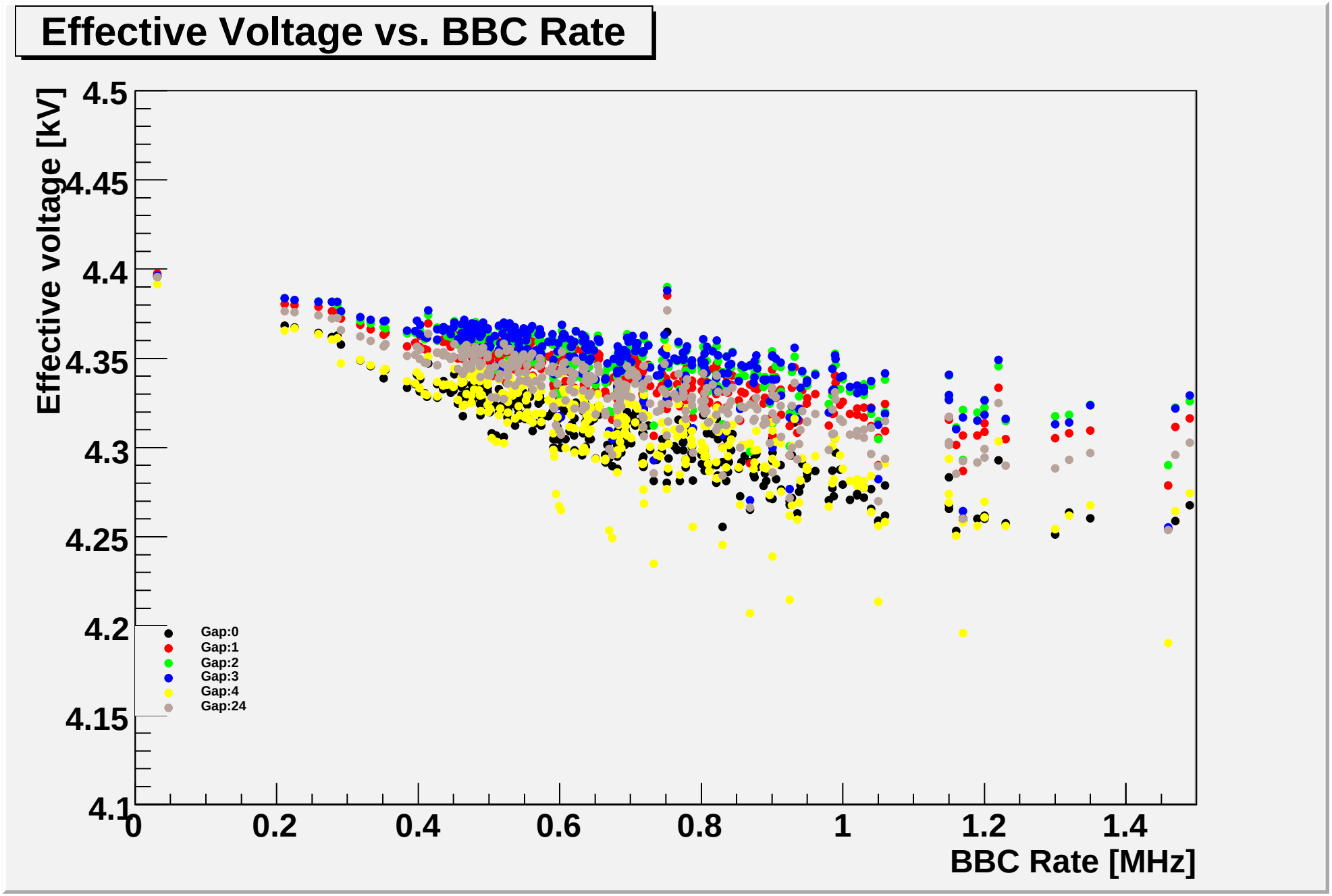
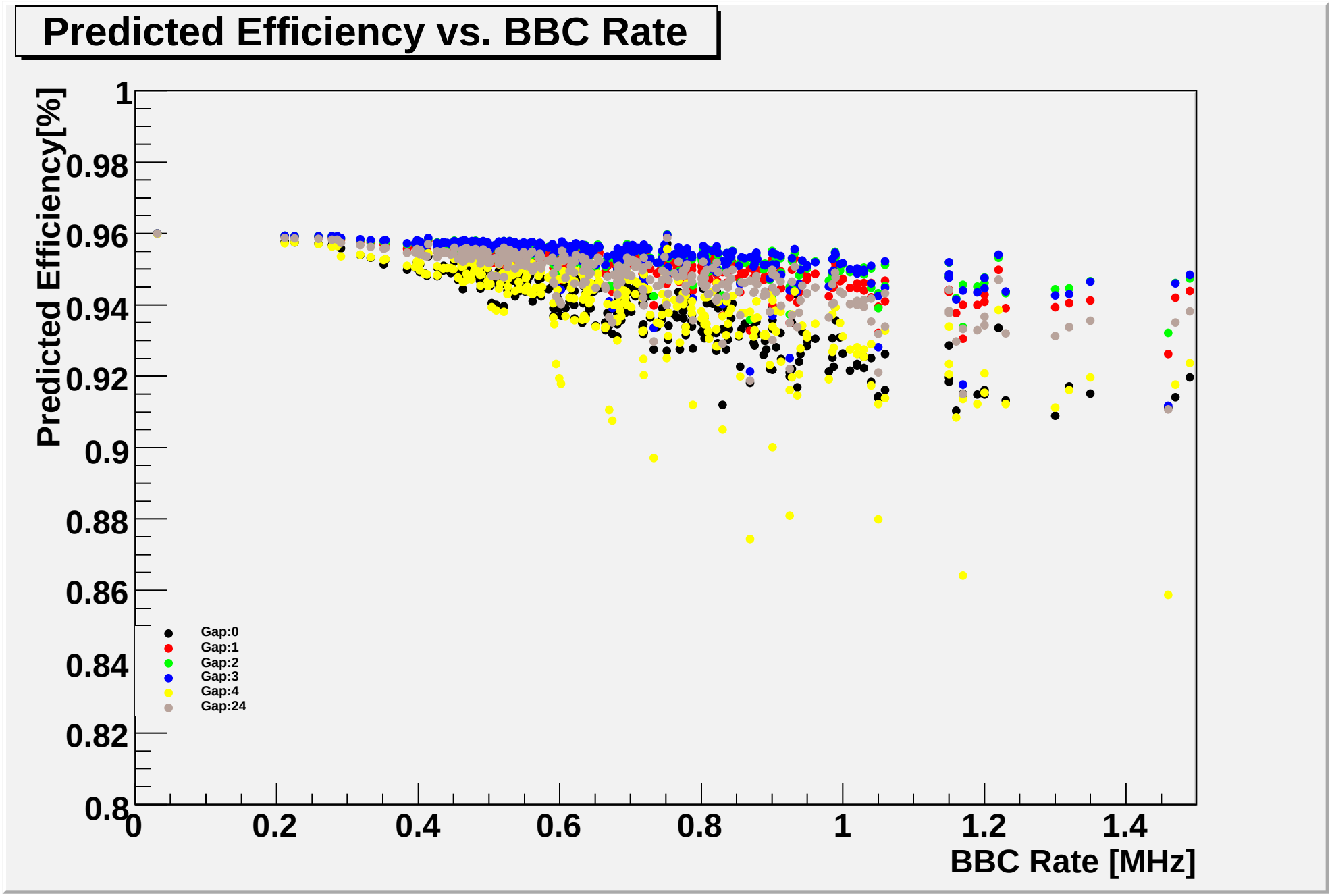

MulD Current vs. BBC Rate
Tube Average Current [uA]
0.5
0.4
0.3
0.2
0.1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
BBC Rate [MHz]
Gap:0
Gap:1
Gap:2
Gap:3
Gap:4
Gap:24


MulD Current vs. BBC Rate
Voltage Sag [V]
BBC Rate [MHz]
0
20
40
60
80
100
120
140
160
180
200
0
0.2
0.4
0.6
0.8
1
1.2
1.4
Gap:0
Gap:1
Gap:2
Gap:3
Gap:4
Gap:24


Effective Voltage vs. BBC Rate
Effective voltage [kV]
4.5
4.45
4.4
4.35
4.3
4.25
4.2
4.15
4.1
0
0.2
0.4
0.6
0.8
1
1.2
1.4
BBC Rate [MHz]
Gap:0
Gap:1
Gap:2
Gap:3
Gap:4
Gap:24


Predicted Efficiency vs. BBC Rate
Predicted Efficiency[%]
1
0.98
0.96
0.94
0.92
0.9
0.88
0.86
0.84
0.82
0.8
0
0.2
0.4
0.6
0.8
1
1.2
1.4
BBC Rate [MHz]
Gap:0
Gap:1
Gap:2
Gap:3
Gap:4
Gap:24