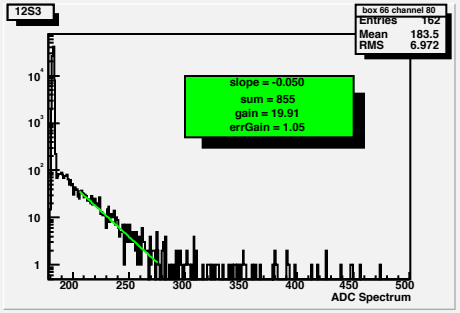
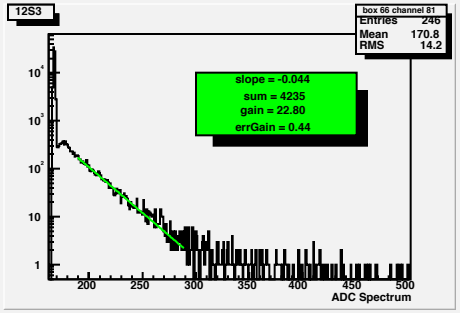
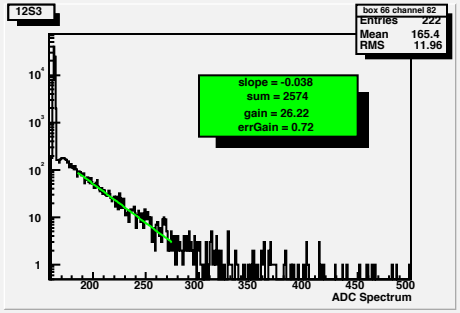
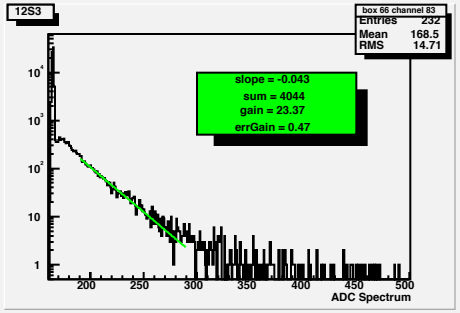
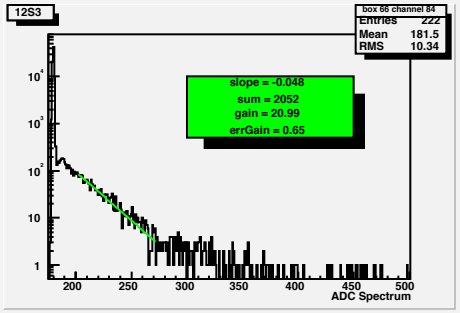
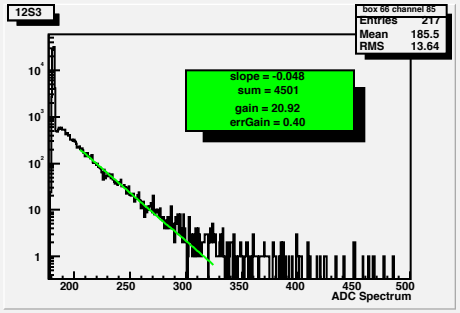

12S3
box 66 channel 80
Entries 162
Mean 183.5
RMS 6.972
slope = -0.050
sum = 855
gain = 19.91
errGain = 1.05
ADC Spectrum

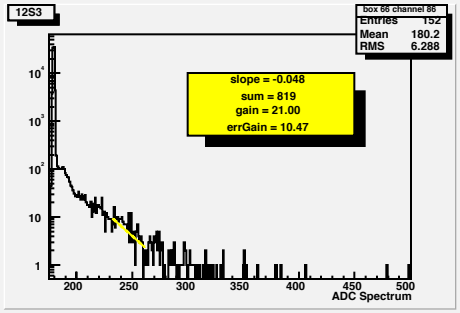

12S3
box 66 channel 81
Entries 246
Mean 170.8
RMS 14.2
slope = -0.044
sum = 4235
gain = 22.80
errGain = 0.44
ADC Spectrum

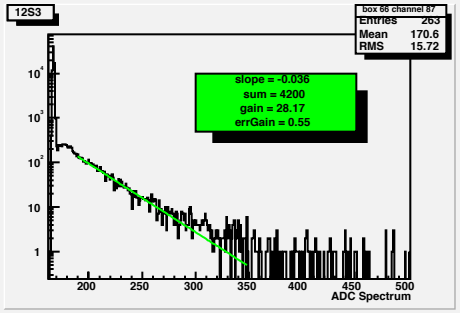

12S3
box 66 channel 82
Entries 222
Mean 165.4
RMS 11.96
slope = -0.038
sum = 2574
gain = 26.22
errGain = 0.72
ADC Spectrum

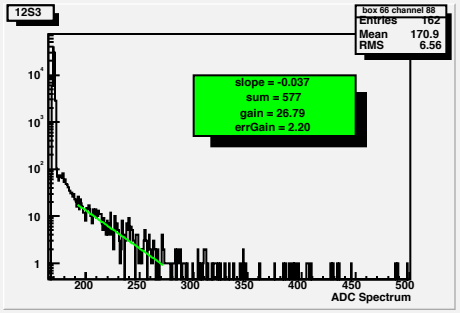

12S3
box 66 channel 83
Entries 232
Mean 168.5
RMS 14.71
slope = -0.043
sum = 4044
gain = 23.37
errGain = 0.47
ADC Spectrum

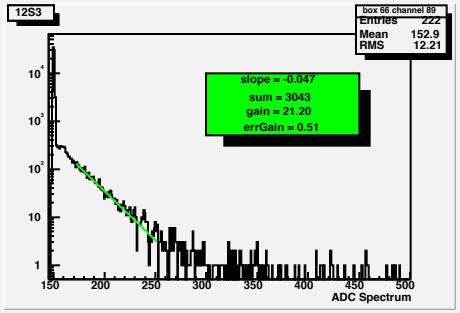

12S3
box 66 channel 84
Entries 222
Mean 181.5
RMS 10.34
slope = -0.048
sum = 2052
gain = 20.99
errGain = 0.65
ADC Spectrum

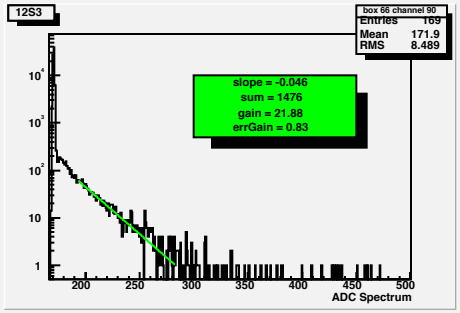

12S3
box 66 channel 85
Entries 217
Mean 185.5
RMS 13.64
slope = -0.048
sum = 4501
gain = 20.92
errGain = 0.40
ADC Spectrum

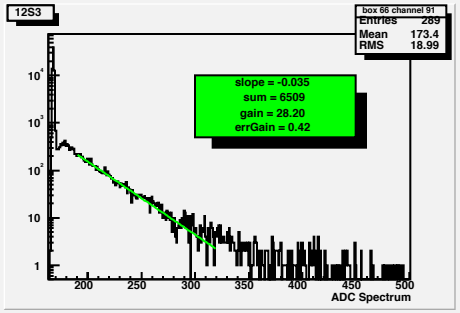

12S3
box 66 channel 86
Entries 152
Mean 180.2
RMS 6.288
slope = -0.048
sum = 819
gain = 21.00
errGain = 10.47
ADC Spectrum

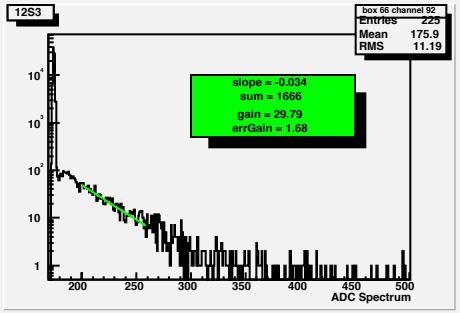

12S3
box 66 channel 87
Entries 263
Mean 170.6
RMS 15.72
slope = -0.036
sum = 4200
gain = 28.17
errGain = 0.55
ADC Spectrum

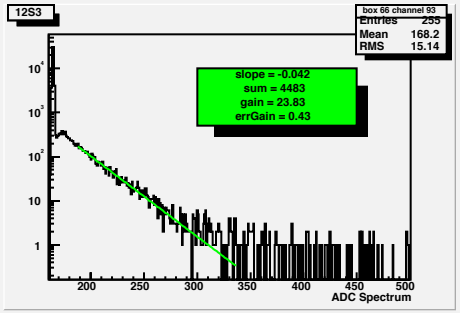

12S3
box 66 channel 88
Entries 162
Mean 170.9
RMS 6.56
slope = -0.037
sum = 577
gain = 26.79
errGain = 2.20
ADC Spectrum

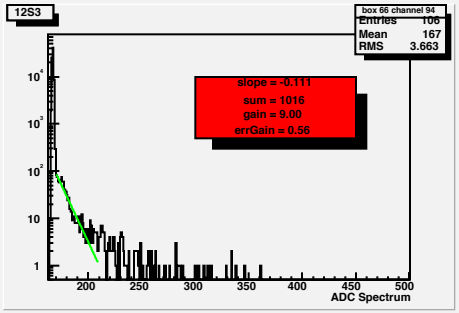

12S3
box 66 channel 89
Entries 222
Mean 152.9
RMS 12.21
slope = -0.047
sum = 3043
gain = 21.20
errGain = 0.51
ADC Spectrum

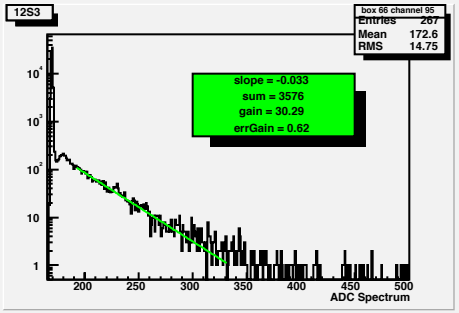

12S3
box 66 channel 90
Entries 103
Mean 171.9
RMS 8.489
slope = -0.046
sum = 1476
gain = 21.88
errGain = 0.83
ADC Spectrum

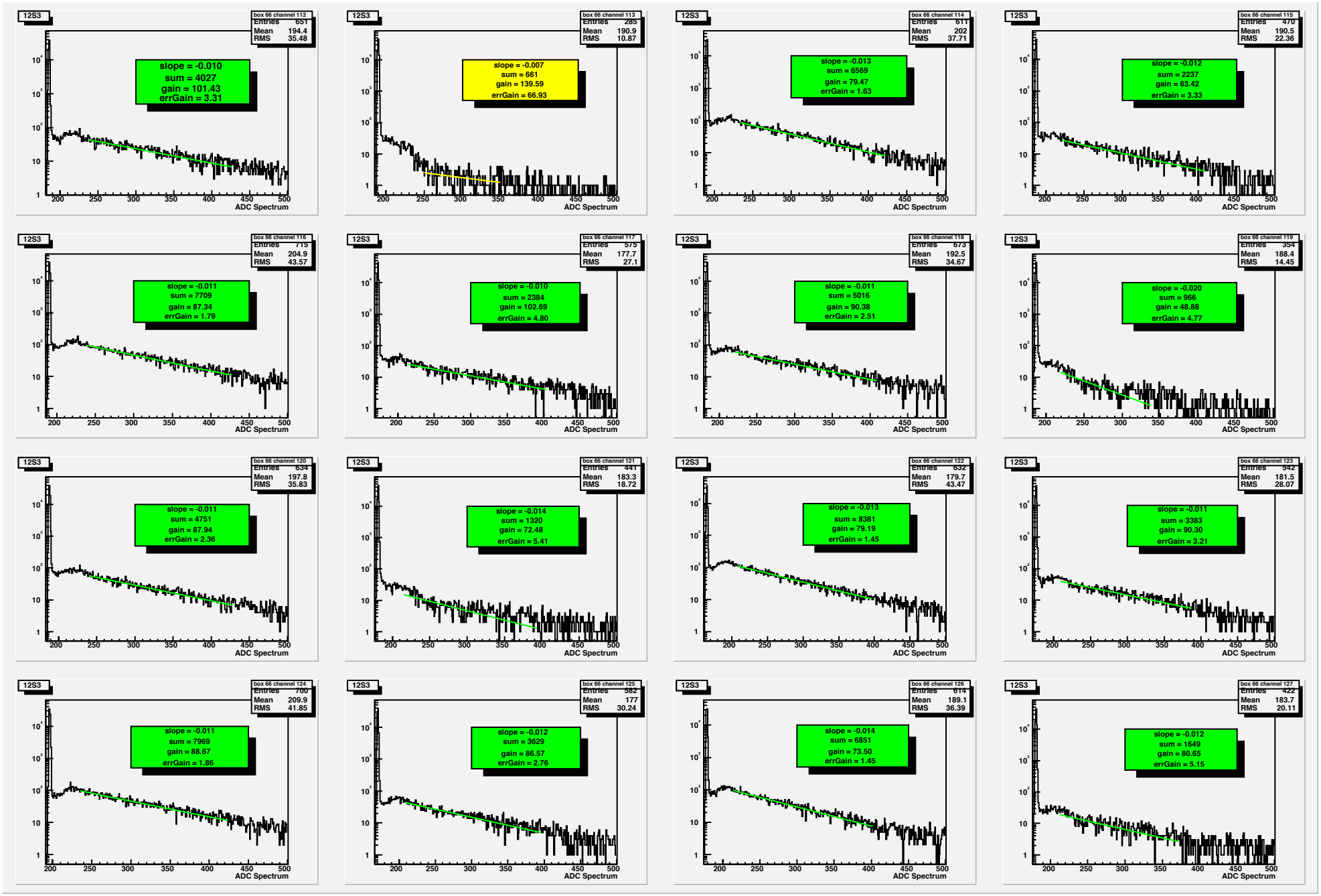

12S3
box 66 channel 91
Entries 289
Mean 173.4
RMS 18.99
slope = -0.035
sum = 6509
gain = 28.20
errGain = 0.42
ADC Spectrum

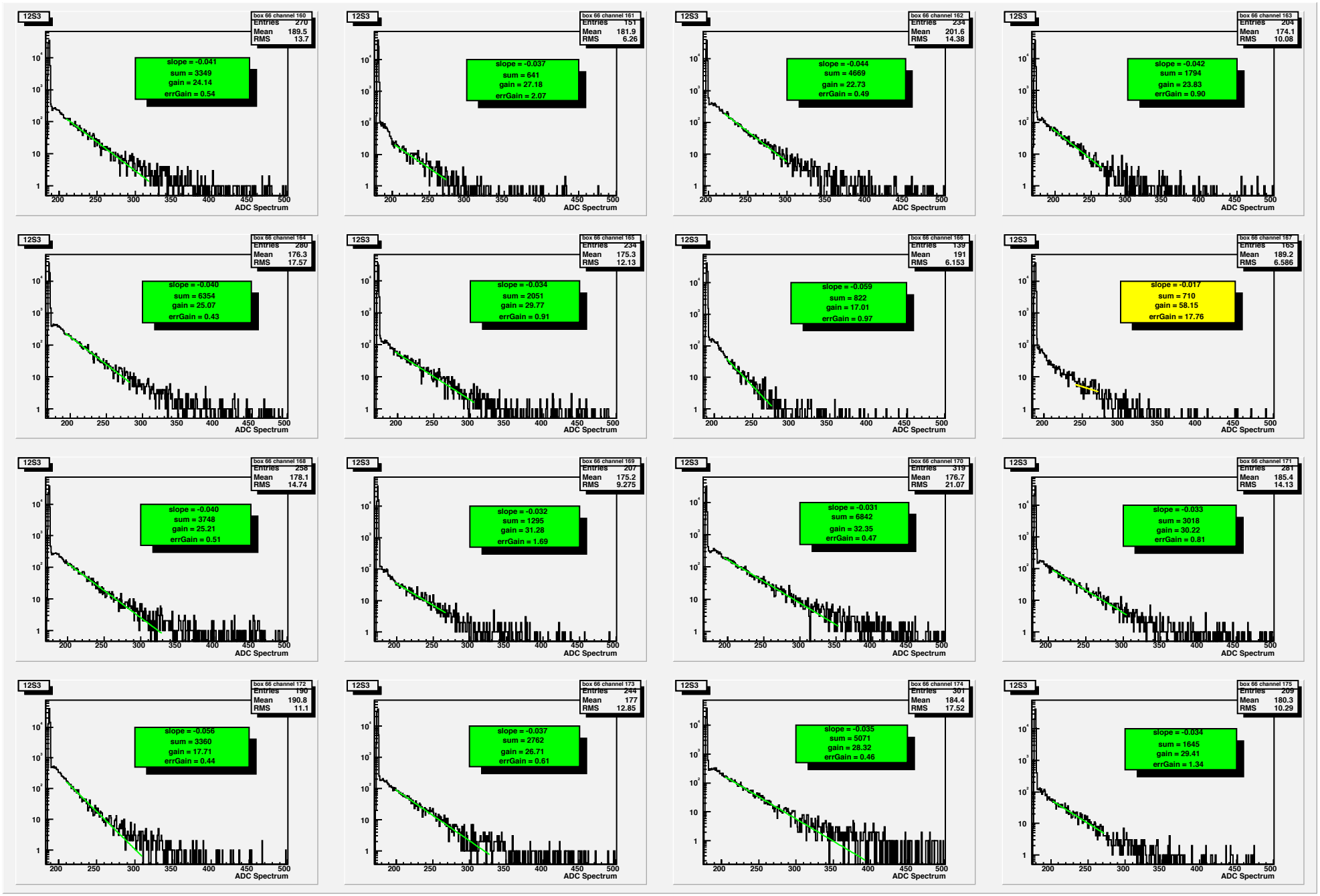

12S3
box 66 channel 92
Entries 229
Mean 175.9
RMS 11.19
slope = -0.034
sum = 1666
gain = 29.79
errGain = 1.68
ADC Spectrum

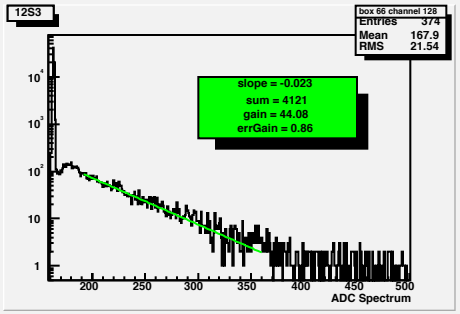

12S3
box 66 channel 93
Entries 255
Mean 168.2
RMS 15.14
slope = -0.042
sum = 4483
gain = 23.83
errGain = 0.43
ADC Spectrum

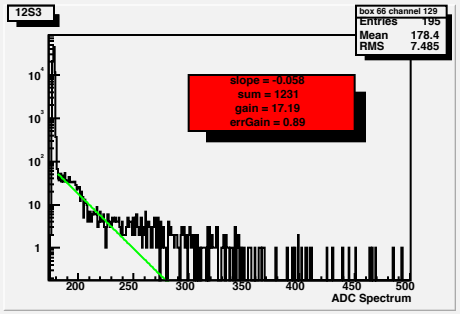

12S3
box 66 channel 94
Entries 106
Mean 167
RMS 3.663
slope = -0.111
sum = 1016
gain = 9.00
errGain = 0.56
ADC Spectrum

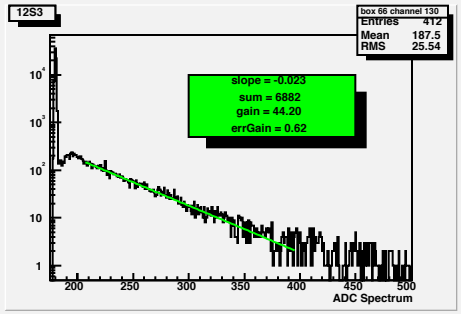

12S3
box 66 channel 95
Entries 267
Mean 172.6
RMS 14.75
slope = -0.033
sum = 3576
gain = 30.29
errGain = 0.62
ADC Spectrum

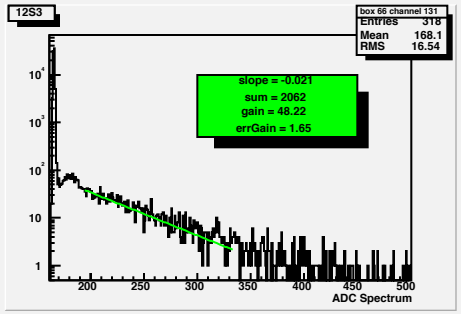

12S3
box 66 channel 112
Entries 651
Mean 194.4
RMS 35.48
slope = -0.010
sum = 4027
gain = 101.43
errGain = 3.31
box 66 channel 113
Entries 285
Mean 190.9
RMS 10.87
slope = -0.007
sum = 661
gain = 139.59
errGain = 66.93
box 66 channel 114
Entries 611
Mean 202
RMS 37.71
slope = -0.013
sum = 6569
gain = 79.47
errGain = 1.63
box 66 channel 115
Entries 470
Mean 190.5
RMS 22.36
slope = -0.012
sum = 2237
gain = 83.42
errGain = 3.33
box 66 channel 116
Entries 715
Mean 204.9
RMS 43.57
slope = -0.011
sum = 7709
gain = 87.34
errGain = 1.79
box 66 channel 117
Entries 575
Mean 177.7
RMS 27.1
slope = -0.010
sum = 2384
gain = 102.69
errGain = 4.80
box 66 channel 118
Entries 673
Mean 192.5
RMS 34.67
slope = -0.011
sum = 5016
gain = 90.38
errGain = 2.51
box 66 channel 119
Entries 354
Mean 188.4
RMS 14.45
slope = -0.020
sum = 966
gain = 48.88
errGain = 4.77
box 66 channel 120
Entries 634
Mean 197.8
RMS 35.83
slope = -0.011
sum = 4751
gain = 87.94
errGain = 2.36
box 66 channel 121
Entries 441
Mean 183.3
RMS 18.72
slope = -0.014
sum = 1320
gain = 72.48
errGain = 5.41
box 66 channel 122
Entries 632
Mean 179.7
RMS 43.47
slope = -0.013
sum = 8381
gain = 79.19
errGain = 1.45
box 66 channel 123
Entries 342
Mean 181.5
RMS 28.07
slope = -0.011
sum = 3383
gain = 90.30
errGain = 3.21
box 66 channel 124
Entries 700
Mean 209.9
RMS 41.85
slope = -0.011
sum = 7969
gain = 88.67
errGain = 1.86
box 66 channel 125
Entries 382
Mean 177
RMS 30.24
slope = -0.012
sum = 3629
gain = 86.57
errGain = 2.76
box 66 channel 126
Entries 614
Mean 189.1
RMS 36.39
slope = -0.014
sum = 6851
gain = 73.50
errGain = 1.45
box 66 channel 127
Entries 422
Mean 183.7
RMS 20.11
slope = -0.012
sum = 1649
gain = 80.65
errGain = 5.15
ADC Spectrum

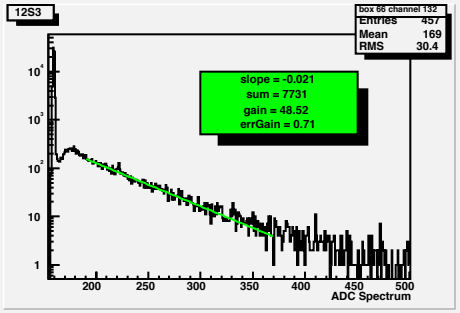

12S3
box 66 channel 160
Entries 270
Mean 189.5
RMS 13.7
slope = -0.041
sum = 3349
gain = 24.14
errGain = 0.54
box 66 channel 161
Entries 151
Mean 181.9
RMS 6.26
slope = -0.037
sum = 641
gain = 27.18
errGain = 2.07
box 66 channel 162
Entries 234
Mean 201.6
RMS 14.38
slope = -0.044
sum = 4669
gain = 22.73
errGain = 0.49
box 66 channel 163
Entries 204
Mean 174.1
RMS 10.08
slope = -0.042
sum = 1794
gain = 23.83
errGain = 0.90
box 66 channel 164
Entries 280
Mean 176.3
RMS 17.57
slope = -0.040
sum = 6354
gain = 25.07
errGain = 0.43
box 66 channel 165
Entries 234
Mean 175.3
RMS 12.13
slope = -0.034
sum = 2051
gain = 29.77
errGain = 0.91
box 66 channel 166
Entries 139
Mean 191
RMS 6.153
slope = -0.059
sum = 822
gain = 17.01
errGain = 0.97
box 66 channel 167
Entries 165
Mean 189.2
RMS 6.586
slope = -0.017
sum = 710
gain = 58.15
errGain = 17.76
box 66 channel 168
Entries 258
Mean 178.1
RMS 14.74
slope = -0.040
sum = 3748
gain = 25.21
errGain = 0.51
box 66 channel 169
Entries 207
Mean 175.2
RMS 9.275
slope = -0.032
sum = 1295
gain = 31.28
errGain = 1.69
box 66 channel 170
Entries 315
Mean 176.7
RMS 21.07
slope = -0.031
sum = 6842
gain = 32.35
errGain = 0.47
box 66 channel 171
Entries 281
Mean 185.4
RMS 14.13
slope = -0.033
sum = 3018
gain = 30.22
errGain = 0.81
box 66 channel 172
Entries 190
Mean 190.8
RMS 11.1
slope = -0.056
sum = 3360
gain = 17.71
errGain = 0.44
box 66 channel 173
Entries 244
Mean 177
RMS 12.85
slope = -0.037
sum = 2762
gain = 26.71
errGain = 0.61
box 66 channel 174
Entries 301
Mean 184.4
RMS 17.52
slope = -0.035
sum = 5071
gain = 28.32
errGain = 0.46
box 66 channel 175
Entries 209
Mean 180.3
RMS 10.29
slope = -0.034
sum = 1645
gain = 29.41
errGain = 1.34
ADC Spectrum

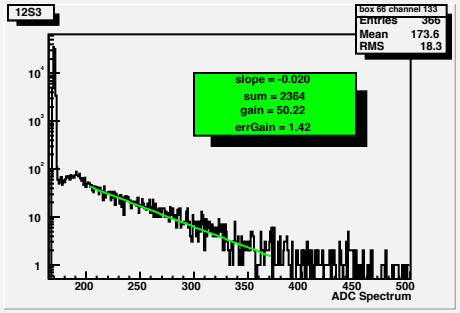

12S3
box 66 channel 128
Entries 374
Mean 167.9
RMS 21.54
slope = -0.023
sum = 4121
gain = 44.08
errGain = 0.86
ADC Spectrum

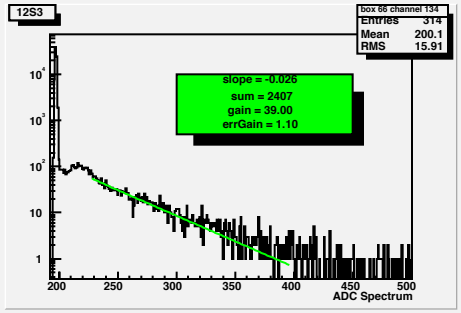

12S3
box 66 channel 129
Entries 195
Mean 178.4
RMS 7.485
slope = -0.058
sum = 1231
gain = 17.19
errGain = 0.89
ADC Spectrum

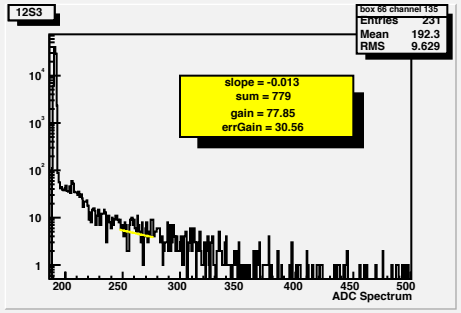

12S3
box 66 channel 130
Entries 412
Mean 187.5
RMS 25.54
slope = -0.023
sum = 6882
gain = 44.20
errGain = 0.62
ADC Spectrum

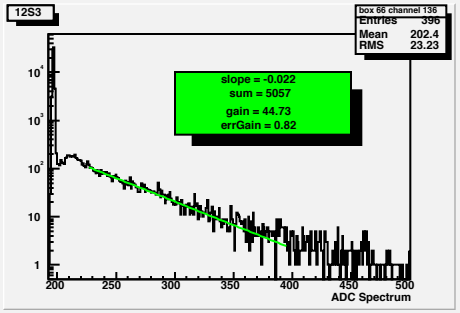

12S3
box 66 channel 131
Entries 318
Mean 168.1
RMS 16.54
slope = -0.021
sum = 2062
gain = 48.22
errGain = 1.65
ADC Spectrum

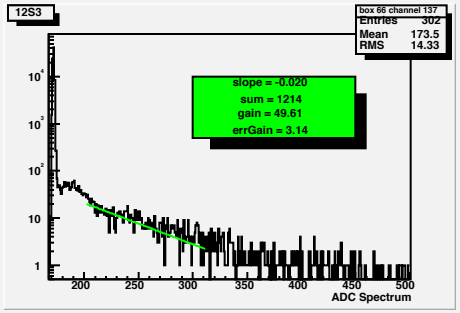

12S3
box 66 channel 132
Entries 457
Mean 169
RMS 30.4
slope = -0.021
sum = 7731
gain = 48.52
errGain = 0.71
ADC Spectrum

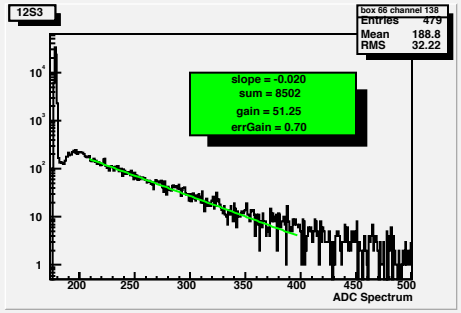

12S3
box 66 channel 133
Entries 366
Mean 173.6
RMS 18.3
slope = -0.020
sum = 2364
gain = 50.22
errGain = 1.42
ADC Spectrum

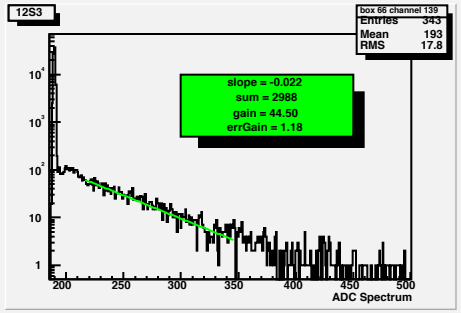

12S3
box 66 channel 134
Entries 314
Mean 200.1
RMS 15.91
slope = -0.026
sum = 2407
gain = 39.00
errGain = 1.10
ADC Spectrum

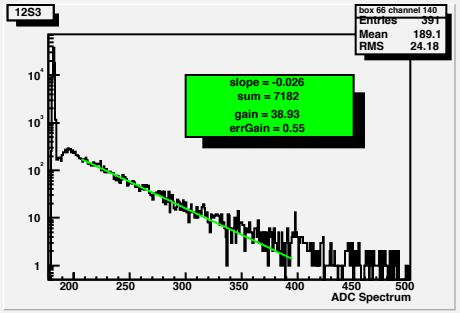

12S3
box 66 channel 135
Entries 231
Mean 192.3
RMS 9.629
slope = -0.013
sum = 779
gain = 77.85
errGain = 30.56
ADC Spectrum

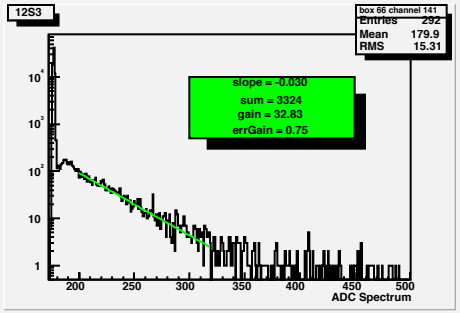

12S3
box 66 channel 136
Entries 396
Mean 202.4
RMS 23.23
slope = -0.022
sum = 5057
gain = 44.73
errGain = 0.82
ADC Spectrum

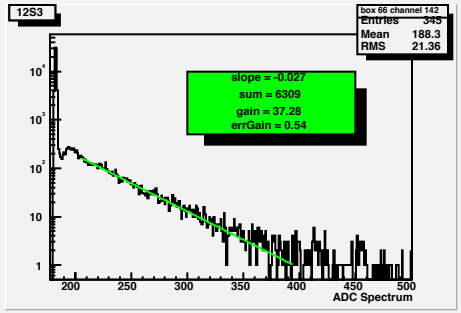

12S3
box 66 channel 137
Entries 302
Mean 173.5
RMS 14.33
slope = -0.020
sum = 1214
gain = 49.61
errGain = 3.14
ADC Spectrum

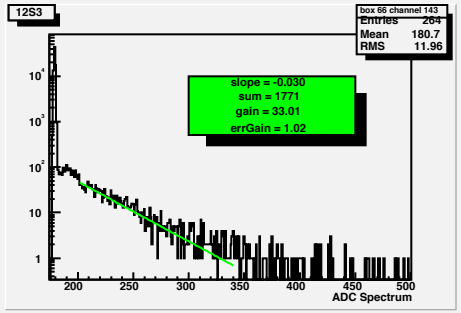

12S3
box 66 channel 138
Entries 475
Mean 188.8
RMS 32.22
slope = -0.020
sum = 8502
gain = 51.25
errGain = 0.70
ADC Spectrum

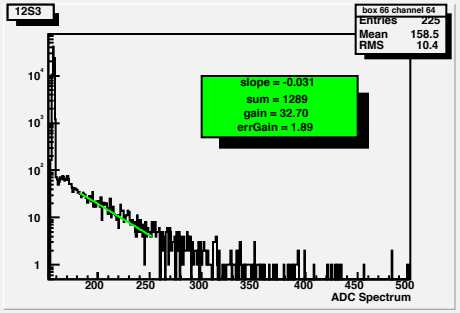

12S3
box 66 channel 139
Entries 343
Mean 193
RMS 17.8
slope = -0.022
sum = 2988
gain = 44.50
errGain = 1.18
ADC Spectrum

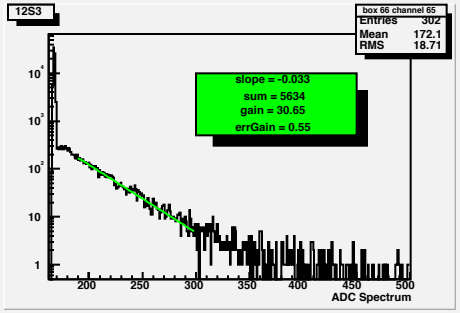

12S3
box 66 channel 140
Entries 391
Mean 189.1
RMS 24.18
slope = -0.026
sum = 7182
gain = 38.93
errGain = 0.55
ADC Spectrum

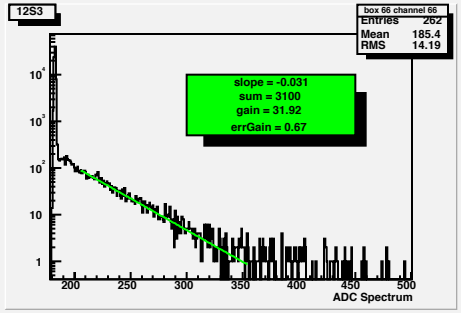

12S3
box 66 channel 141
Entries 292
Mean 179.9
RMS 15.31
slope = -0.030
sum = 3324
gain = 32.83
errGain = 0.75
ADC Spectrum

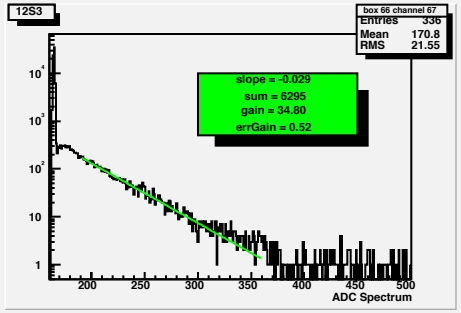

12S3
box 66 channel 142
Entries 345
Mean 188.3
RMS 21.36
slope = -0.027
sum = 6309
gain = 37.28
errGain = 0.54
ADC Spectrum

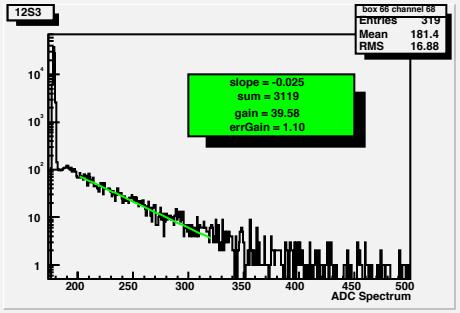

12S3
box 66 channel 143
Entries 264
Mean 180.7
RMS 11.96
slope = -0.030
sum = 1771
gain = 33.01
errGain = 1.02
ADC Spectrum

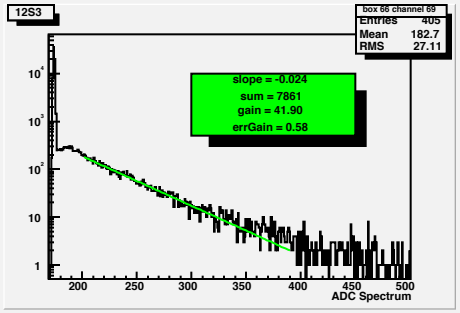

12S3
box 66 channel 64
Entries 225
Mean 158.5
RMS 10.4
slope = -0.031
sum = 1289
gain = 32.70
errGain = 1.89
ADC Spectrum

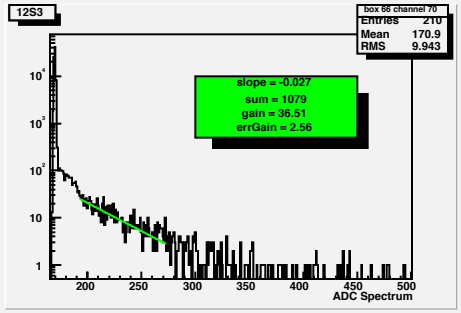

12S3
box 66 channel 65
Entries 302
Mean 172.1
RMS 18.71
slope = -0.033
sum = 5634
gain = 30.65
errGain = 0.55
ADC Spectrum

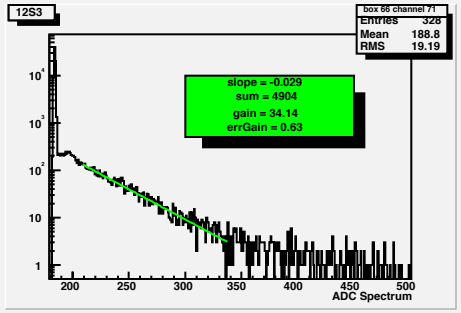

12S3
box 66 channel 66
Entries 262
Mean 185.4
RMS 14.19
slope = -0.031
sum = 3100
gain = 31.92
errGain = 0.67
ADC Spectrum

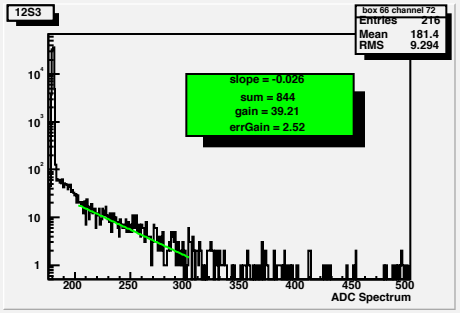

12S3
box 66 channel 67
Entries 336
Mean 170.8
RMS 21.55
slope = -0.029
sum = 6295
gain = 34.80
errGain = 0.52
ADC Spectrum

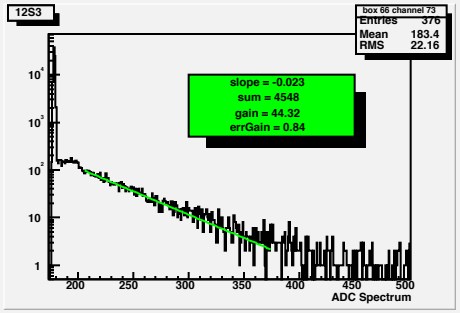

12S3
box 66 channel 68
Entries 319
Mean 181.4
RMS 16.88
slope = -0.025
sum = 3119
gain = 39.58
errGain = 1.10
ADC Spectrum

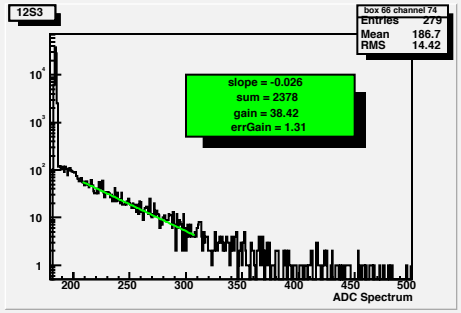

12S3
box 66 channel 69
Entries 405
Mean 182.7
RMS 27.11
slope = -0.024
sum = 7861
gain = 41.90
errGain = 0.58
ADC Spectrum

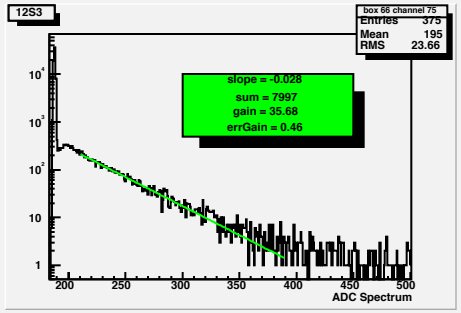

12S3
box 66 channel 70
Entries 210
Mean 170.9
RMS 9.943
slope = -0.027
sum = 1079
gain = 36.51
errGain = 2.56
ADC Spectrum

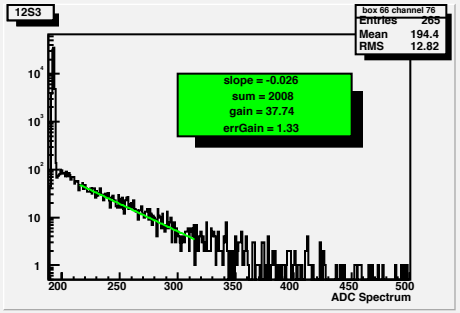

12S3
box 66 channel 71
Entries 328
Mean 188.8
RMS 19.19
slope = -0.029
sum = 4904
gain = 34.14
errGain = 0.63
ADC Spectrum

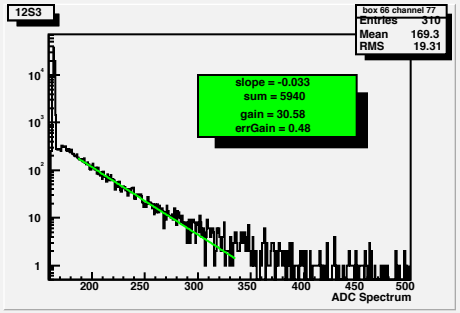

12S3
box 66 channel 72
Entries 219
Mean 181.4
RMS 9.294
slope = -0.026
sum = 844
gain = 39.21
errGain = 2.52
ADC Spectrum

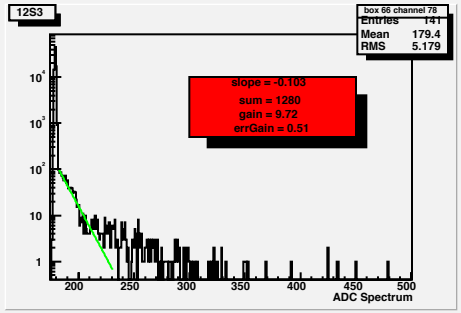

12S3
box 66 channel 73
Entries 376
Mean 183.4
RMS 22.16
slope = -0.023
sum = 4548
gain = 44.32
errGain = 0.84
ADC Spectrum

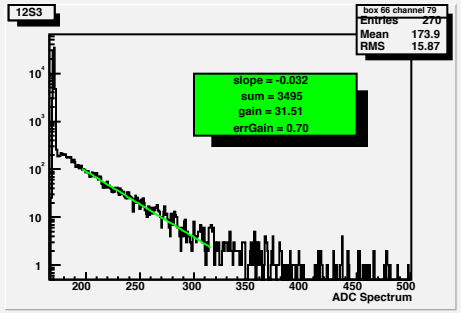

12S3
box 66 channel 74
Entries 273
Mean 186.7
RMS 14.42
slope = -0.026
sum = 2378
gain = 38.42
errGain = 1.31
ADC Spectrum

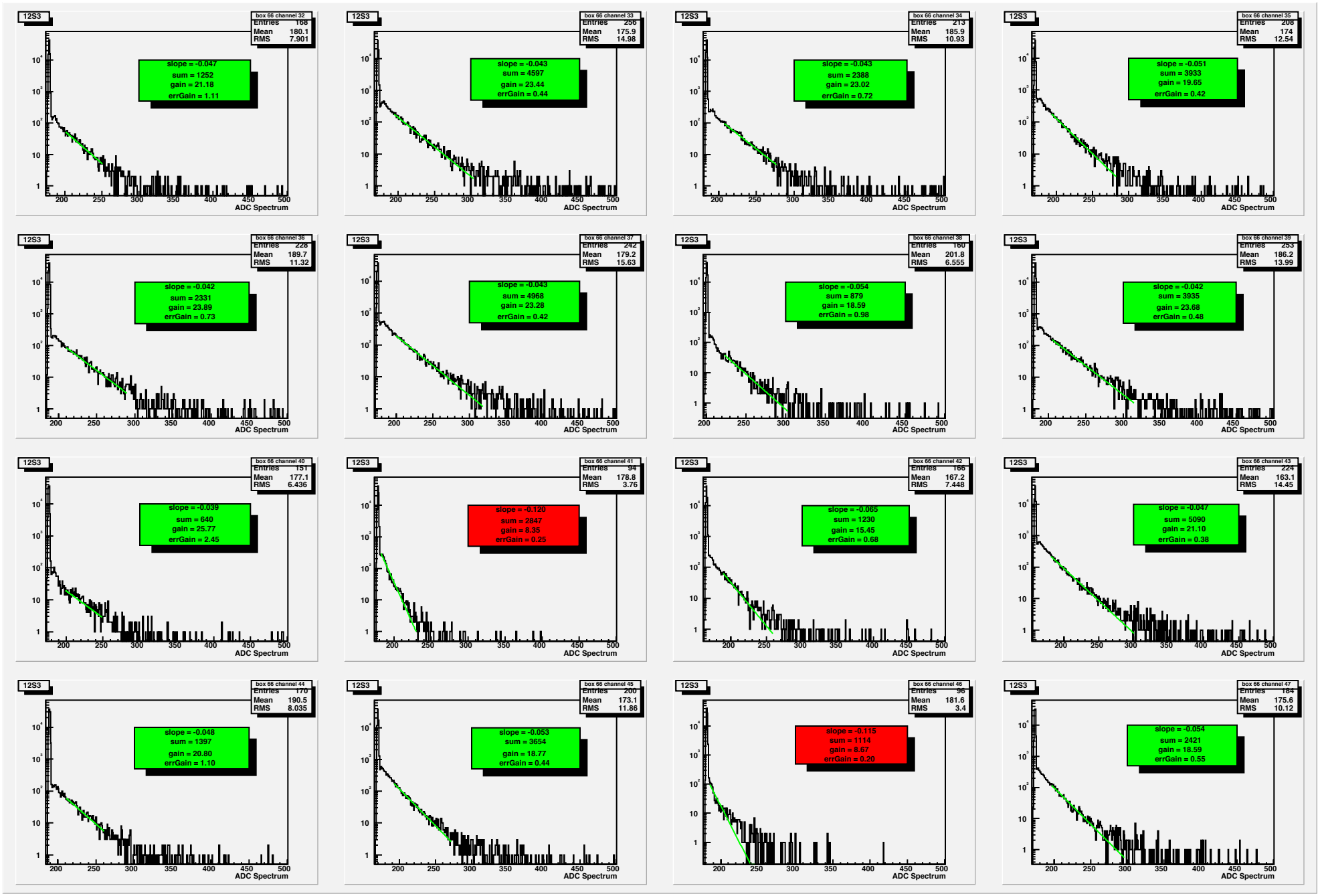

12S3
box 66 channel 75
Entries 375
Mean 195
RMS 23.66
slope = -0.028
sum = 7997
gain = 35.68
errGain = 0.46
ADC Spectrum

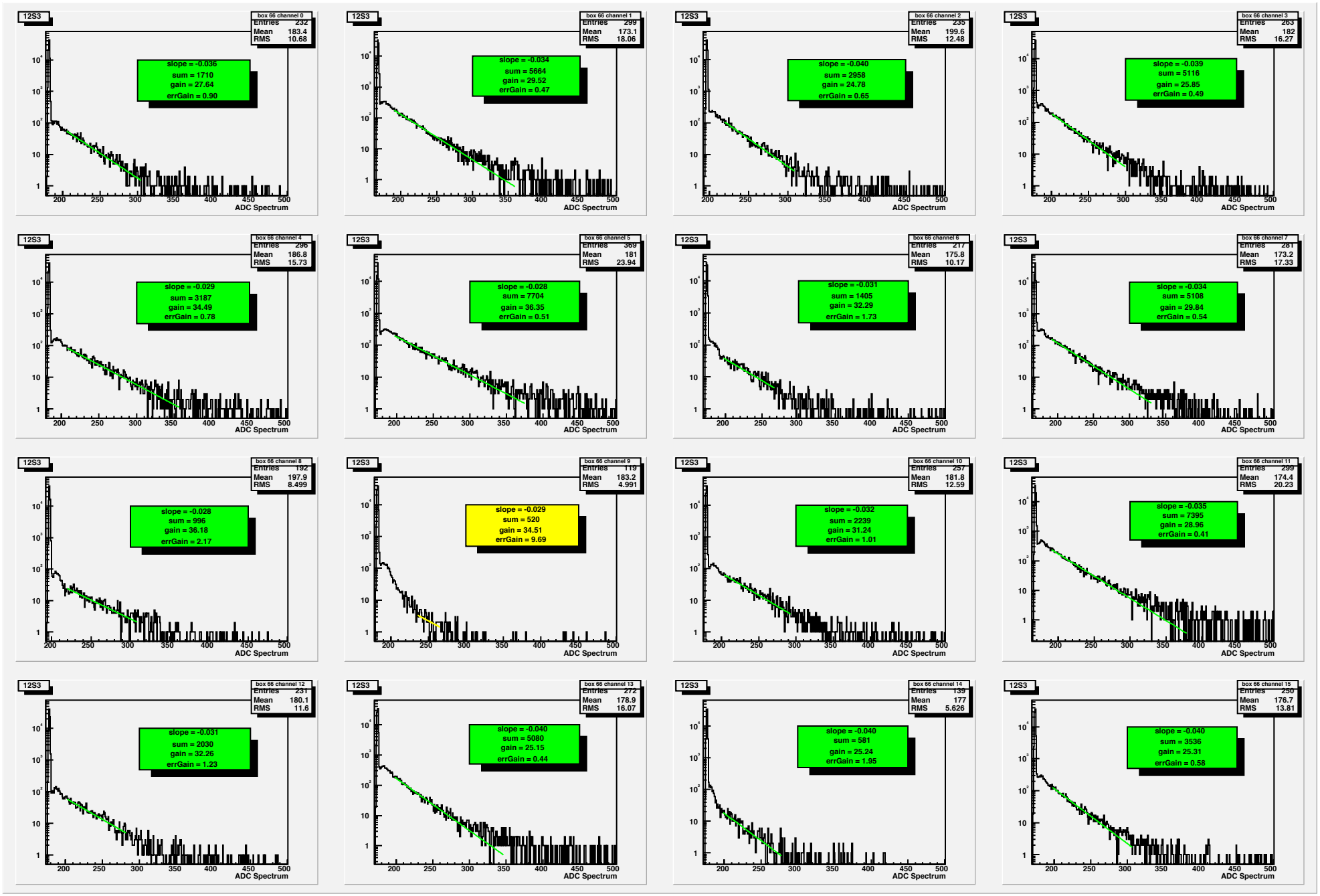

12S3
box 66 channel 76
Entries 265
Mean 194.4
RMS 12.82
slope = -0.026
sum = 2008
gain = 37.74
errGain = 1.33
ADC Spectrum

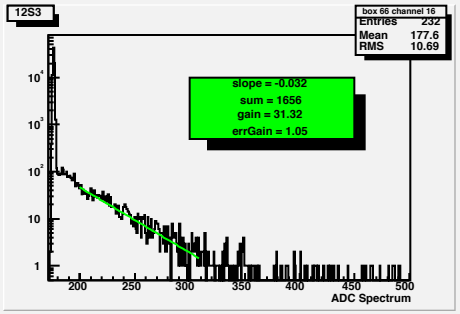

12S3
box 66 channel 77
Entries 310
Mean 169.3
RMS 19.31
slope = -0.033
sum = 5940
gain = 30.58
errGain = 0.48
ADC Spectrum

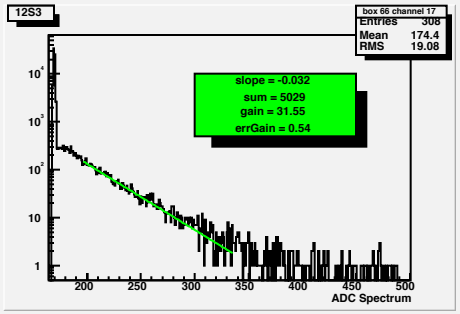

12S3
box 66 channel 78
Entries 141
Mean 179.4
RMS 5.179
slope = -0.103
sum = 1280
gain = 9.72
errGain = 0.51
ADC Spectrum

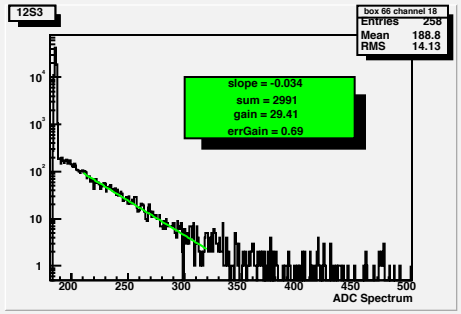

12S3
box 66 channel 79
Entries 270
Mean 173.9
RMS 15.87
slope = -0.032
sum = 3495
gain = 31.51
errGain = 0.70
ADC Spectrum

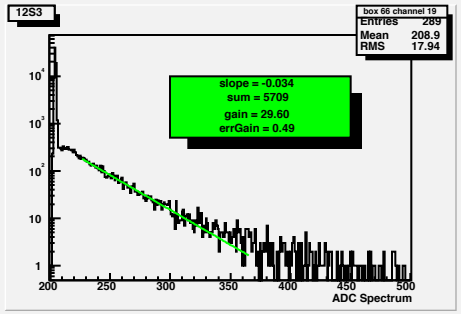

12S3
box 66 channel 32
Entries 168
Mean 180.1
RMS 7.901
slope = -0.047
sum = 1252
gain = 21.18
errGain = 1.11
box 66 channel 33
Entries 256
Mean 175.9
RMS 14.98
slope = -0.043
sum = 4597
gain = 23.44
errGain = 0.44
box 66 channel 34
Entries 213
Mean 185.9
RMS 10.93
slope = -0.043
sum = 2388
gain = 23.02
errGain = 0.72
box 66 channel 35
Entries 208
Mean 174
RMS 12.54
slope = -0.051
sum = 3933
gain = 19.65
errGain = 0.42
box 66 channel 36
Entries 228
Mean 189.7
RMS 11.32
slope = -0.042
sum = 2331
gain = 23.89
errGain = 0.73
box 66 channel 37
Entries 242
Mean 179.2
RMS 15.63
slope = -0.043
sum = 4968
gain = 23.28
errGain = 0.42
box 66 channel 38
Entries 160
Mean 201.8
RMS 6.555
slope = -0.054
sum = 879
gain = 18.59
errGain = 0.98
box 66 channel 39
Entries 253
Mean 186.2
RMS 13.99
slope = -0.042
sum = 3935
gain = 23.68
errGain = 0.48
box 66 channel 40
Entries 151
Mean 177.1
RMS 6.436
slope = -0.039
sum = 640
gain = 25.77
errGain = 2.45
box 66 channel 41
Entries 94
Mean 178.8
RMS 3.76
slope = -0.120
sum = 2847
gain = 8.35
errGain = 0.25
box 66 channel 42
Entries 165
Mean 167.2
RMS 7.448
slope = -0.065
sum = 1230
gain = 15.45
errGain = 0.68
box 66 channel 43
Entries 224
Mean 163.1
RMS 14.45
slope = -0.047
sum = 5090
gain = 21.10
errGain = 0.38
box 66 channel 44
Entries 170
Mean 190.5
RMS 8.035
slope = -0.048
sum = 1397
gain = 20.80
errGain = 1.10
box 66 channel 45
Entries 200
Mean 173.1
RMS 11.86
slope = -0.053
sum = 3654
gain = 18.77
errGain = 0.44
box 66 channel 46
Entries 96
Mean 181.6
RMS 3.4
slope = -0.115
sum = 1114
gain = 8.67
errGain = 0.20
box 66 channel 47
Entries 184
Mean 175.6
RMS 10.12
slope = -0.054
sum = 2421
gain = 18.59
errGain = 0.55
ADC Spectrum

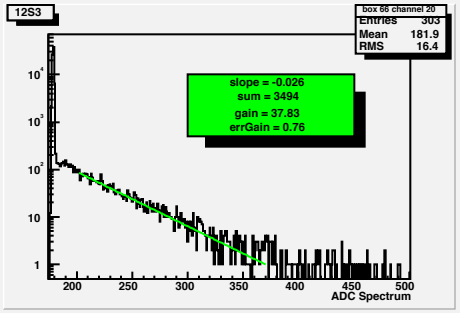

12S3
box 66 channel 0
Entries 232
Mean 183.4
RMS 10.68
slope = -0.036
sum = 1710
gain = 27.64
errGain = 0.90
box 66 channel 1
Entries 299
Mean 173.1
RMS 18.06
slope = -0.034
sum = 5664
gain = 29.52
errGain = 0.47
box 66 channel 2
Entries 235
Mean 199.6
RMS 12.48
slope = -0.040
sum = 2958
gain = 24.78
errGain = 0.65
box 66 channel 3
Entries 263
Mean 182
RMS 16.27
slope = -0.039
sum = 5116
gain = 25.85
errGain = 0.49
box 66 channel 4
Entries 296
Mean 186.8
RMS 15.73
slope = -0.029
sum = 3187
gain = 34.49
errGain = 0.78
box 66 channel 5
Entries 369
Mean 181
RMS 23.94
slope = -0.028
sum = 7704
gain = 36.35
errGain = 0.51
box 66 channel 6
Entries 217
Mean 175.8
RMS 10.17
slope = -0.031
sum = 1405
gain = 32.29
errGain = 1.73
box 66 channel 7
Entries 281
Mean 173.2
RMS 17.33
slope = -0.034
sum = 5108
gain = 29.84
errGain = 0.54
box 66 channel 8
Entries 192
Mean 197.9
RMS 8.499
slope = -0.028
sum = 996
gain = 36.18
errGain = 2.17
box 66 channel 9
Entries 119
Mean 183.2
RMS 4.991
slope = -0.029
sum = 520
gain = 34.51
errGain = 9.69
box 66 channel 10
Entries 257
Mean 181.8
RMS 12.59
slope = -0.032
sum = 2239
gain = 31.24
errGain = 1.01
box 66 channel 11
Entries 239
Mean 174.4
RMS 20.23
slope = -0.035
sum = 7395
gain = 28.96
errGain = 0.41
box 66 channel 12
Entries 231
Mean 180.1
RMS 11.6
slope = -0.031
sum = 2030
gain = 32.26
errGain = 1.23
box 66 channel 13
Entries 272
Mean 178.9
RMS 16.07
slope = -0.040
sum = 5080
gain = 25.15
errGain = 0.44
box 66 channel 14
Entries 139
Mean 177
RMS 5.626
slope = -0.040
sum = 581
gain = 25.24
errGain = 1.95
box 66 channel 15
Entries 250
Mean 176.7
RMS 13.81
slope = -0.040
sum = 3536
gain = 25.31
errGain = 0.58
ADC Spectrum

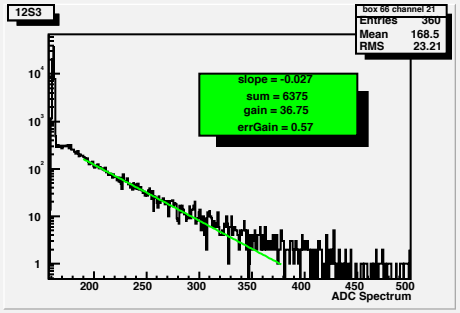

12S3
box 66 channel 16
Entries 232
Mean 177.6
RMS 10.69
slope = -0.032
sum = 1656
gain = 31.32
errGain = 1.05
ADC Spectrum

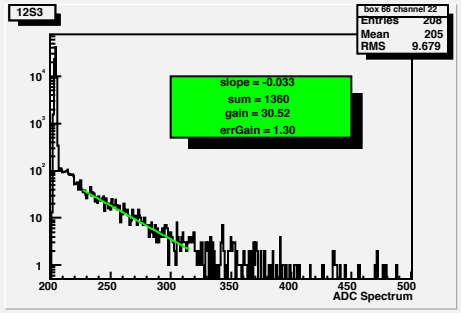

12S3
box 66 channel 17
Entries 308
Mean 174.4
RMS 19.08
slope = -0.032
sum = 5029
gain = 31.55
errGain = 0.54
ADC Spectrum

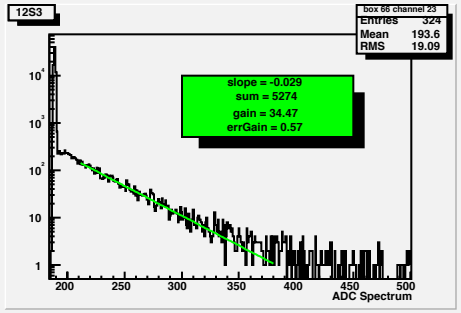

12S3
box 66 channel 18
Entries 258
Mean 188.8
RMS 14.13
slope = -0.034
sum = 2991
gain = 29.41
errGain = 0.69
ADC Spectrum

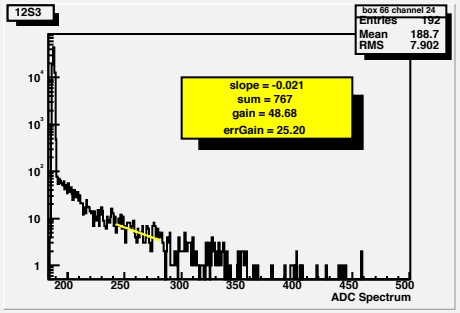

12S3
box 66 channel 19
Entries 289
Mean 208.9
RMS 17.94
slope = -0.034
sum = 5709
gain = 29.60
errGain = 0.49
ADC Spectrum

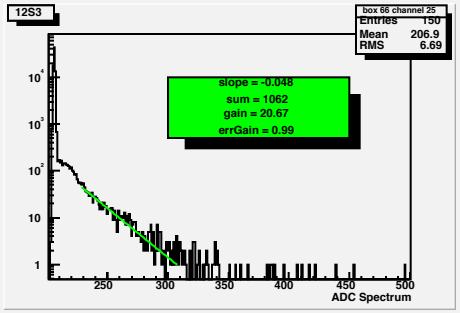

12S3
box 66 channel 20
Entries 303
Mean 181.9
RMS 16.4
slope = -0.026
sum = 3494
gain = 37.83
errGain = 0.76
ADC Spectrum

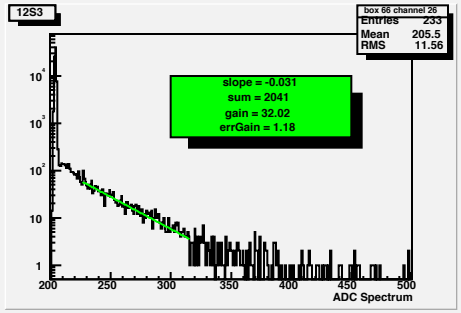

12S3
box 66 channel 21
Entries 360
Mean 168.5
RMS 23.21
slope = -0.027
sum = 6375
gain = 36.75
errGain = 0.57
ADC Spectrum

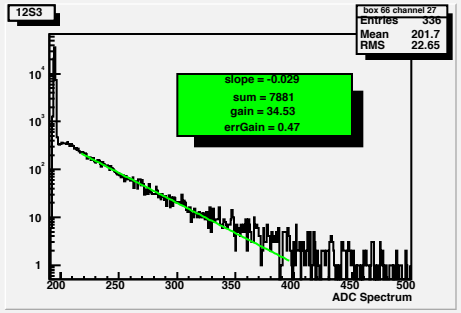

12S3
box 66 channel 22
Entries 208
Mean 205
RMS 9.679
slope = -0.033
sum = 1360
gain = 30.52
errGain = 1.30
ADC Spectrum

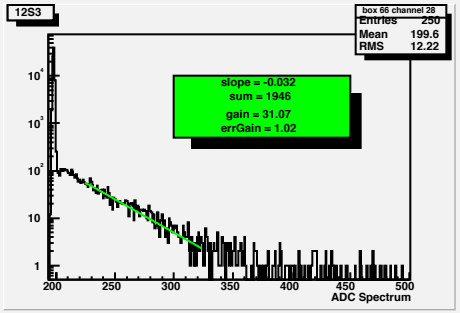

12S3
box 66 channel 23
Entries 324
Mean 193.6
RMS 19.09
slope = -0.029
sum = 5274
gain = 34.47
errGain = 0.57
ADC Spectrum

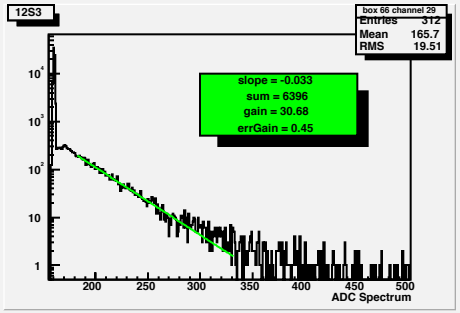

12S3
box 66 channel 24
Entries 192
Mean 188.7
RMS 7.902
slope = -0.021
sum = 767
gain = 48.68
errGain = 25.20
ADC Spectrum

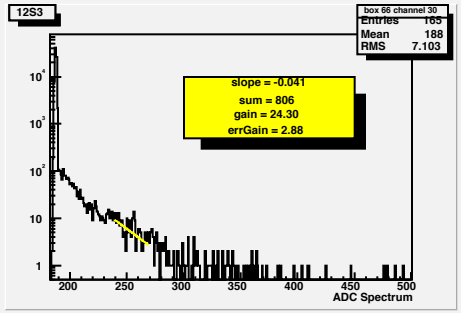

12S3
box 66 channel 25
Entries 190
Mean 206.9
RMS 6.69
slope = -0.048
sum = 1062
gain = 20.67
errGain = 0.99
ADC Spectrum

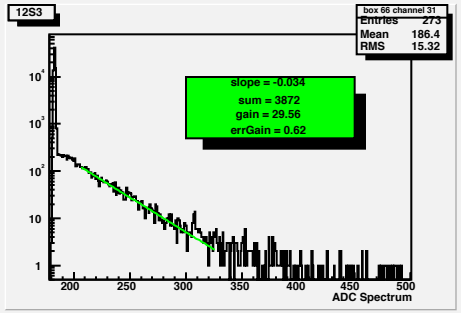

12S3
box 66 channel 26
Entries 233
Mean 205.5
RMS 11.56
slope = -0.031
sum = 2041
gain = 32.02
errGain = 1.18
ADC Spectrum

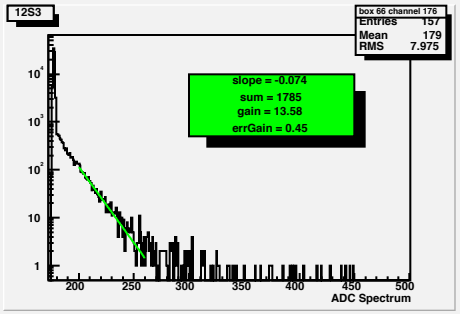

12S3
box 66 channel 27
Entries 330
Mean 201.7
RMS 22.65
slope = -0.029
sum = 7881
gain = 34.53
errGain = 0.47
ADC Spectrum

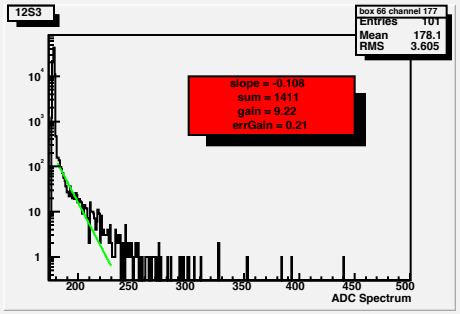

12S3
box 66 channel 28
Entries 250
Mean 199.6
RMS 12.22
slope = -0.032
sum = 1946
gain = 31.07
errGain = 1.02
ADC Spectrum

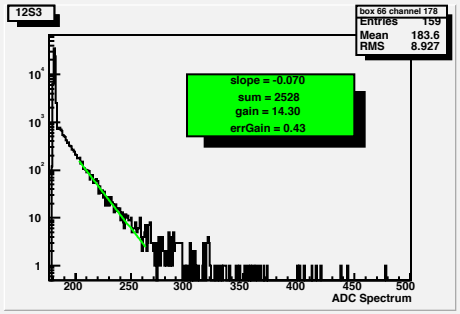

12S3
box 66 channel 29
Entries 312
Mean 165.7
RMS 19.51
slope = -0.033
sum = 6396
gain = 30.68
errGain = 0.45
ADC Spectrum

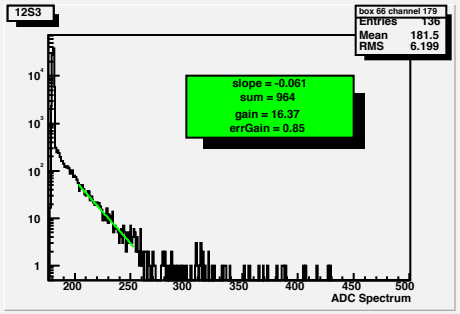

12S3
box 66 channel 30
Entries 165
Mean 188
RMS 7.103
slope = -0.041
sum = 806
gain = 24.30
errGain = 2.88
ADC Spectrum

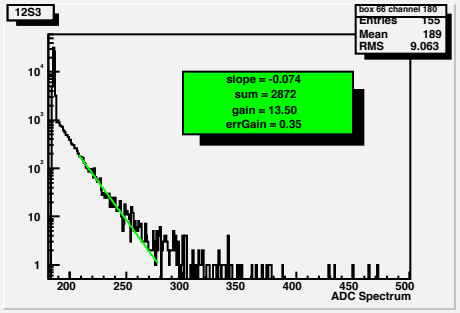

12S3
box 66 channel 31
Entries 273
Mean 186.4
RMS 15.32
slope = -0.034
sum = 3872
gain = 29.56
errGain = 0.62
ADC Spectrum

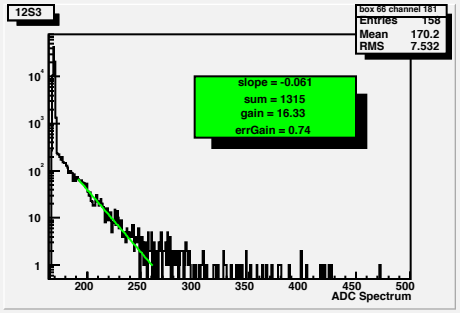

12S3
box 66 channel 176
Entries 157
Mean 179
RMS 7.975
slope = -0.074
sum = 1785
gain = 13.58
errGain = 0.45
ADC Spectrum

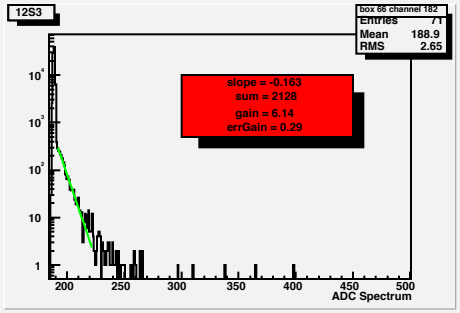

12S3
box 66 channel 177
Entries 101
Mean 178.1
RMS 3.605
slope = -0.108
sum = 1411
gain = 9.22
errGain = 0.21
ADC Spectrum

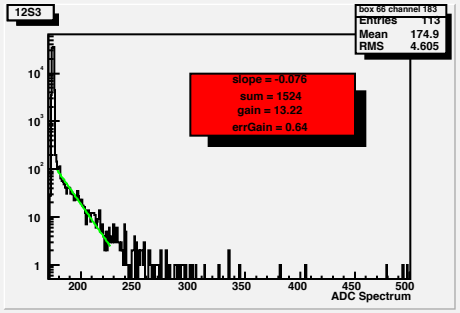

12S3
box 66 channel 178
Entries 159
Mean 183.6
RMS 8.927
slope = -0.070
sum = 2528
gain = 14.30
errGain = 0.43
ADC Spectrum

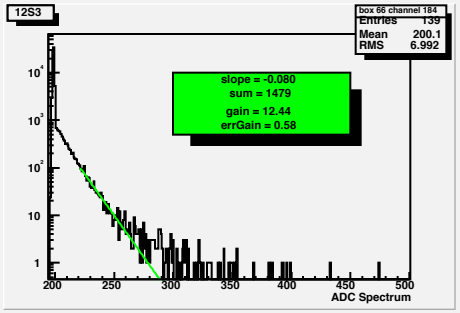

12S3
box 66 channel 179
Entries 136
Mean 181.5
RMS 6.199
slope = -0.061
sum = 964
gain = 16.37
errGain = 0.85
ADC Spectrum

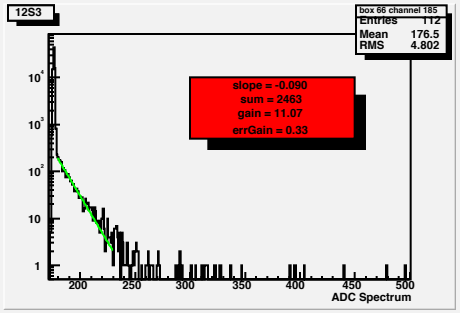

12S3
box 66 channel 180
Entries 155
Mean 189
RMS 9.063
slope = -0.074
sum = 2872
gain = 13.50
errGain = 0.35
ADC Spectrum

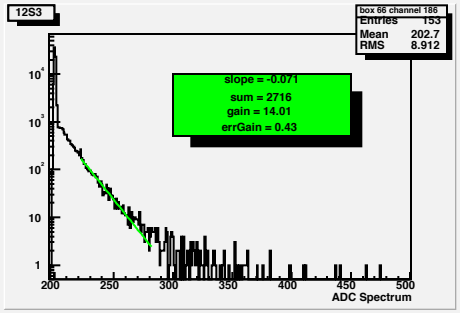

12S3
box 66 channel 181
Entries 158
Mean 170.2
RMS 7.532
slope = -0.061
sum = 1315
gain = 16.33
errGain = 0.74
ADC Spectrum

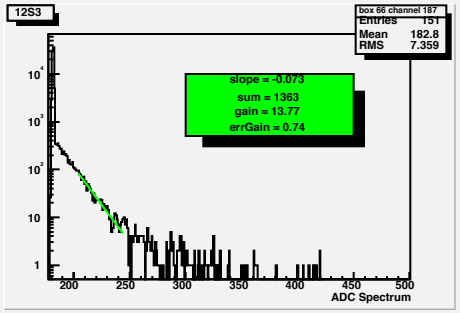

12S3
box 66 channel 182
Entries 71
Mean 188.9
RMS 2.65
slope = -0.163
sum = 2128
gain = 6.14
errGain = 0.29
ADC Spectrum

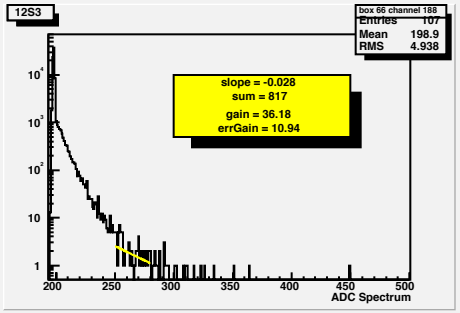

12S3
box 66 channel 183
Entries 113
Mean 174.9
RMS 4.605
slope = -0.076
sum = 1524
gain = 13.22
errGain = 0.64
ADC Spectrum

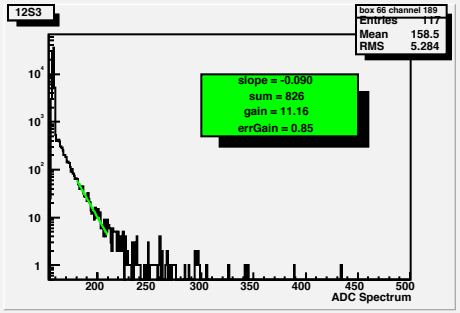

12S3
box 66 channel 184
Entries 139
Mean 200.1
RMS 6.992
slope = -0.080
sum = 1479
gain = 12.44
errGain = 0.58
ADC Spectrum

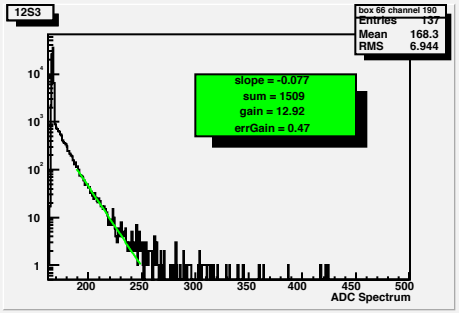

12S3
box 66 channel 185
Entries 112
Mean 176.5
RMS 4.802
slope = -0.090
sum = 2463
gain = 11.07
errGain = 0.33
ADC Spectrum

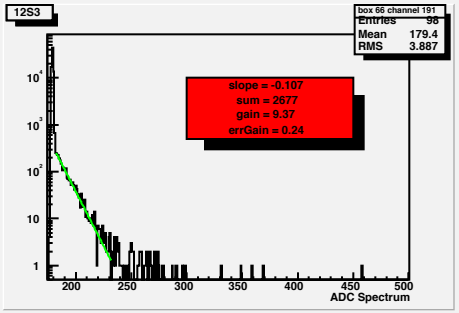

12S3
box 66 channel 186
Entries 153
Mean 202.7
RMS 8.912
slope = -0.071
sum = 2716
gain = 14.01
errGain = 0.43
ADC Spectrum

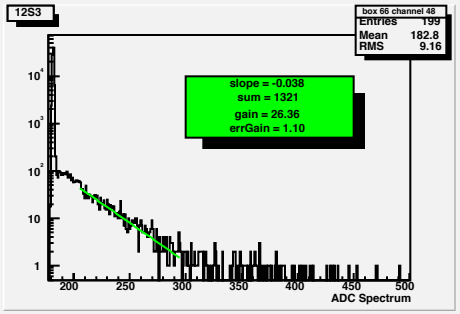

12S3
box 66 channel 187
Entries 151
Mean 182.8
RMS 7.359
slope = -0.073
sum = 1363
gain = 13.77
errGain = 0.74
ADC Spectrum

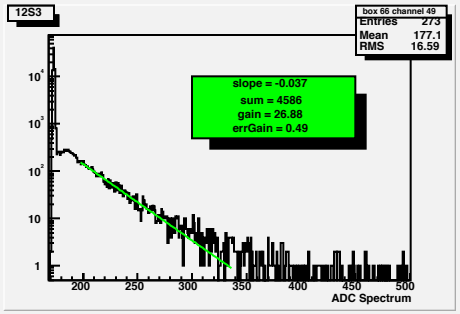

12S3
box 66 channel 188
Entries 107
Mean 198.9
RMS 4.938
slope = -0.028
sum = 817
gain = 36.18
errGain = 10.94
ADC Spectrum

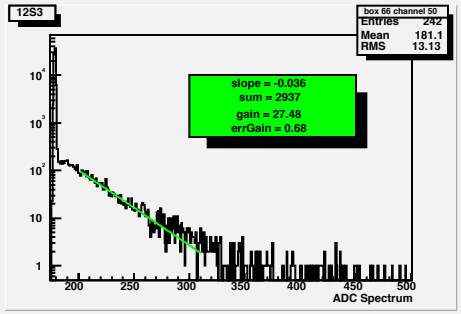

12S3
box 66 channel 189
Entries 117
Mean 158.5
RMS 5.284
slope = -0.090
sum = 826
gain = 11.16
errGain = 0.85
ADC Spectrum

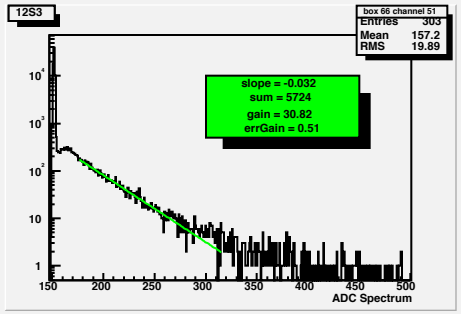

12S3
box 66 channel 190
Entries 137
Mean 168.3
RMS 6.944
slope = -0.077
sum = 1509
gain = 12.92
errGain = 0.47
ADC Spectrum

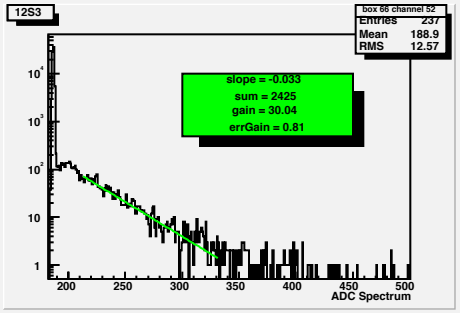

12S3
box 66 channel 191
Entries 96
Mean 179.4
RMS 3.887
slope = -0.107
sum = 2677
gain = 9.37
errGain = 0.24
ADC Spectrum

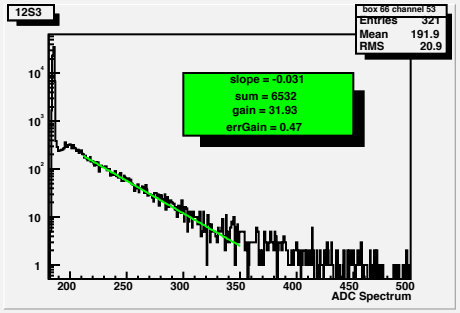

12S3
box 66 channel 48
Entries 199
Mean 182.8
RMS 9.16
slope = -0.038
sum = 1321
gain = 26.36
errGain = 1.10
ADC Spectrum

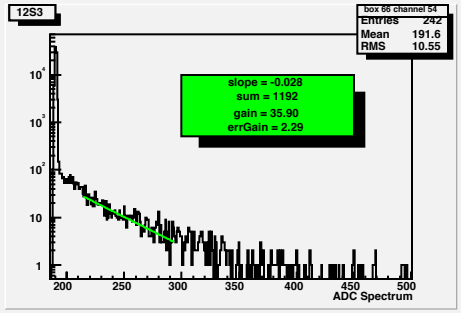

12S3
box 66 channel 49
Entries 273
Mean 177.1
RMS 16.59
slope = -0.037
sum = 4586
gain = 26.88
errGain = 0.49
ADC Spectrum

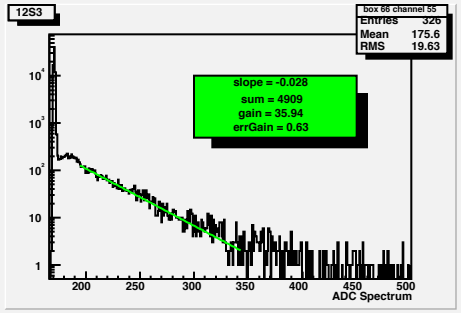

12S3
box 66 channel 50
Entries 242
Mean 181.1
RMS 13.13
slope = -0.036
sum = 2937
gain = 27.48
errGain = 0.68
ADC Spectrum

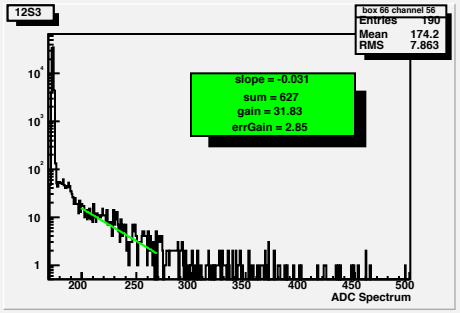

12S3
box 66 channel 51
Entries 303
Mean 157.2
RMS 19.89
slope = -0.032
sum = 5724
gain = 30.82
errGain = 0.51
ADC Spectrum

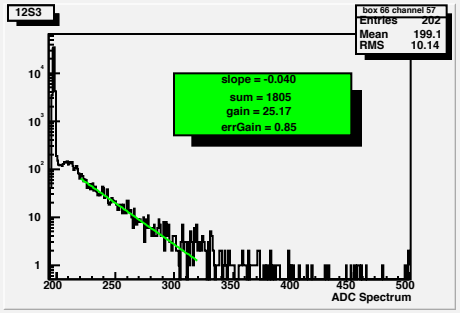

12S3
box 66 channel 52
Entries 237
Mean 188.9
RMS 12.57
slope = -0.033
sum = 2425
gain = 30.04
errGain = 0.81
ADC Spectrum

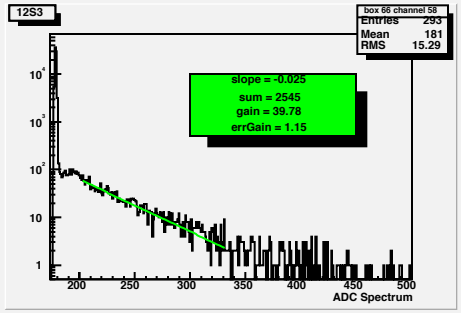

12S3
box 66 channel 53
Entries 321
Mean 191.9
RMS 20.9
slope = -0.031
sum = 6532
gain = 31.93
errGain = 0.47
ADC Spectrum

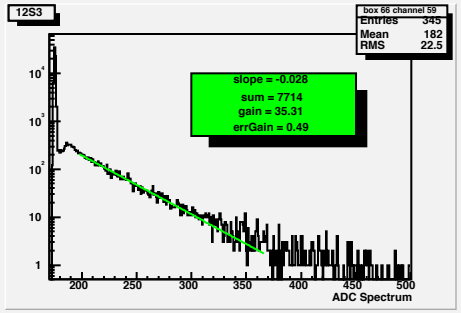

12S3
box 66 channel 54
Entries 242
Mean 191.6
RMS 10.55
slope = -0.028
sum = 1192
gain = 35.90
errGain = 2.29
ADC Spectrum

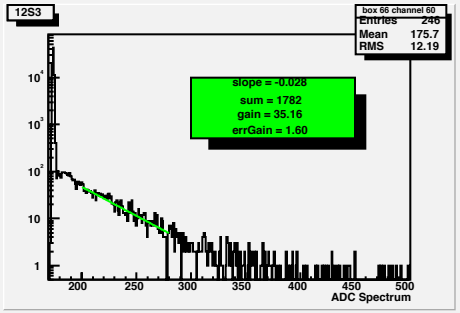

12S3
box 66 channel 55
Entries 326
Mean 175.6
RMS 19.63
slope = -0.028
sum = 4909
gain = 35.94
errGain = 0.63
ADC Spectrum

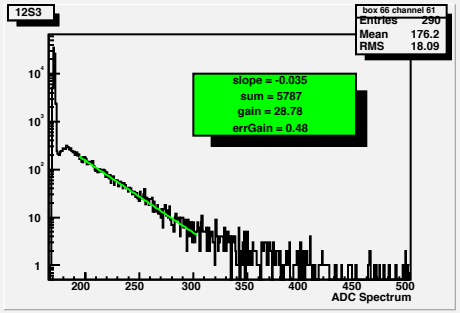

12S3
box 66 channel 56
Entries 190
Mean 174.2
RMS 7.863
slope = -0.031
sum = 627
gain = 31.83
errGain = 2.85
ADC Spectrum

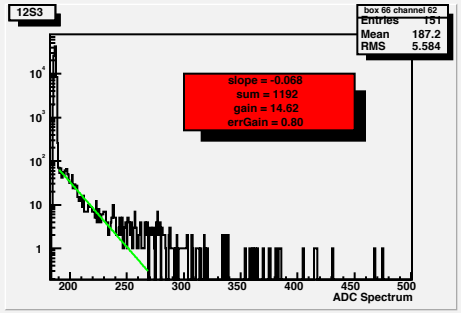

12S3
box 66 channel 57
Entries 202
Mean 199.1
RMS 10.14
slope = -0.040
sum = 1805
gain = 25.17
errGain = 0.85
ADC Spectrum

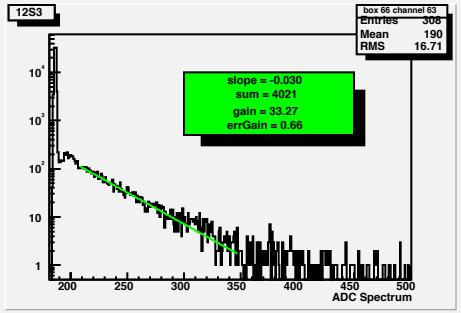

12S3
box 66 channel 58
Entries 293
Mean 181
RMS 15.29
slope = -0.025
sum = 2545
gain = 39.78
errGain = 1.15
ADC Spectrum

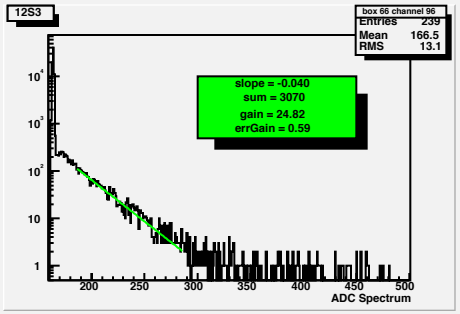

12S3
box 66 channel 59
Entries 345
Mean 182
RMS 22.5
slope = -0.028
sum = 7714
gain = 35.31
errGain = 0.49
ADC Spectrum

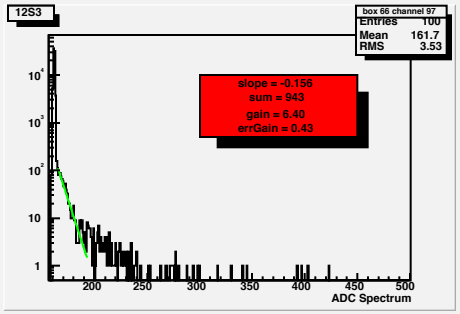

12S3
box 66 channel 60
Entries 246
Mean 175.7
RMS 12.19
slope = -0.028
sum = 1782
gain = 35.16
errGain = 1.60
ADC Spectrum

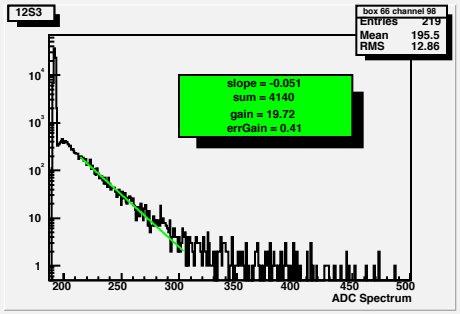

12S3
box 66 channel 61
Entries 290
Mean 176.2
RMS 18.09
slope = -0.035
sum = 5787
gain = 28.78
errGain = 0.48
ADC Spectrum

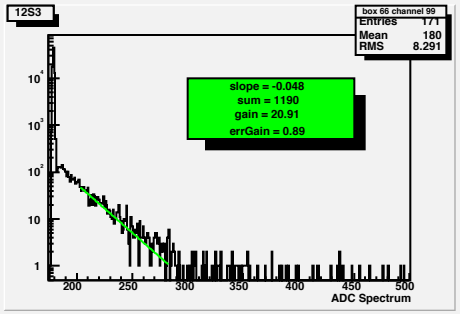

12S3
box 66 channel 62
Entries 151
Mean 187.2
RMS 5.584
slope = -0.068
sum = 1192
gain = 14.62
errGain = 0.80
ADC Spectrum

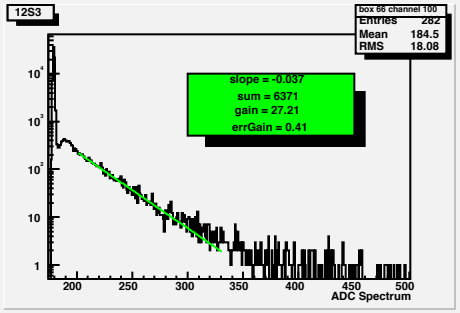

12S3
box 66 channel 63
Entries 308
Mean 190
RMS 16.71
slope = -0.030
sum = 4021
gain = 33.27
errGain = 0.66
ADC Spectrum

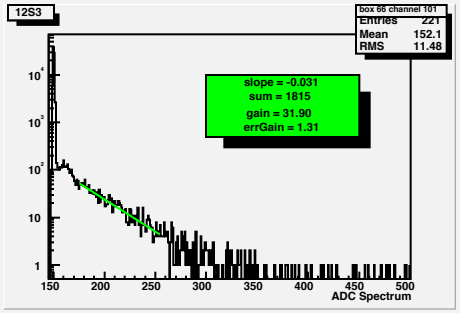

12S3
box 66 channel 96
Entries 239
Mean 166.5
RMS 13.1
slope = -0.040
sum = 3070
gain = 24.82
errGain = 0.59
ADC Spectrum

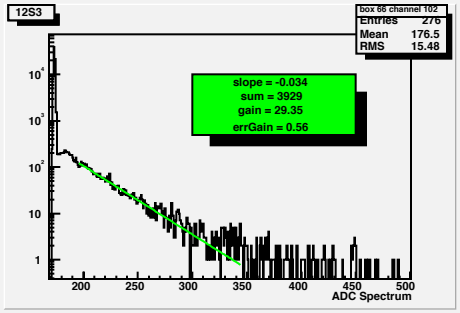

12S3
box 66 channel 97
Entries 100
Mean 161.7
RMS 3.53
slope = -0.156
sum = 943
gain = 6.40
errGain = 0.43
ADC Spectrum

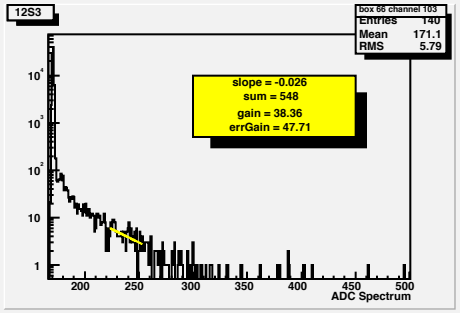

12S3
box 66 channel 98
Entries 219
Mean 195.5
RMS 12.86
slope = -0.051
sum = 4140
gain = 19.72
errGain = 0.41
ADC Spectrum

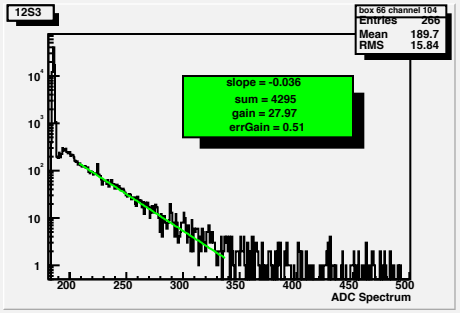

12S3
box 66 channel 99
Entries 171
Mean 180
RMS 8.291
slope = -0.048
sum = 1190
gain = 20.91
errGain = 0.89
ADC Spectrum

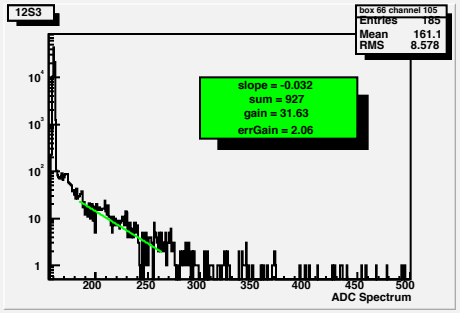

12S3
box 66 channel 100
Entries 282
Mean 184.5
RMS 18.08
slope = -0.037
sum = 6371
gain = 27.21
errGain = 0.41
ADC Spectrum

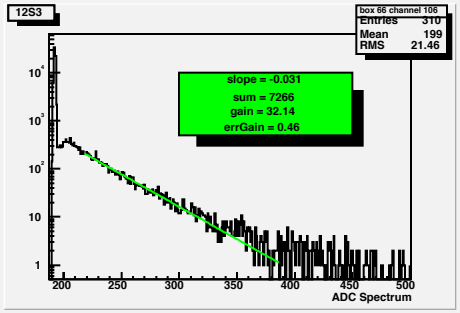

12S3
box 66 channel 101
Entries 221
Mean 152.1
RMS 11.48
slope = -0.031
sum = 1815
gain = 31.90
errGain = 1.31
ADC Spectrum

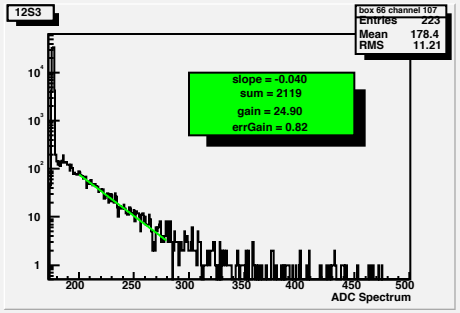

12S3
box 66 channel 102
Entries 276
Mean 176.5
RMS 15.48
slope = -0.034
sum = 3929
gain = 29.35
errGain = 0.56
ADC Spectrum

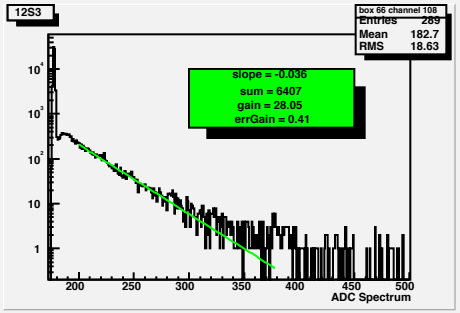

12S3
box 66 channel 103
Entries 140
Mean 171.1
RMS 5.79
slope = -0.026
sum = 548
gain = 38.36
errGain = 47.71
ADC Spectrum

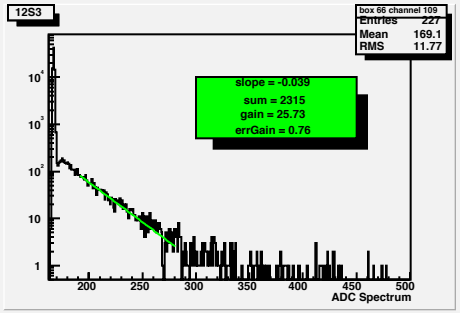

12S3
box 66 channel 104
Entries 266
Mean 189.7
RMS 15.84
slope = -0.036
sum = 4295
gain = 27.97
errGain = 0.51
ADC Spectrum

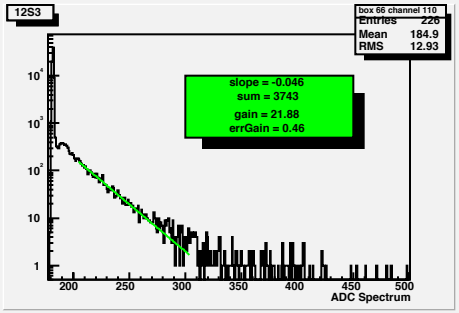

12S3
box 66 channel 105
Entries 185
Mean 161.1
RMS 8.578
slope = -0.032
sum = 927
gain = 31.63
errGain = 2.06
ADC Spectrum

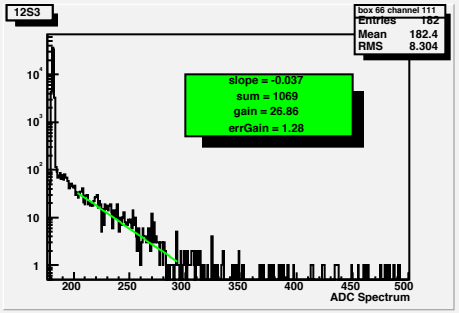

12S3
box 66 channel 106
Entries 310
Mean 199
RMS 21.46
slope = -0.031
sum = 7266
gain = 32.14
errGain = 0.46
ADC Spectrum

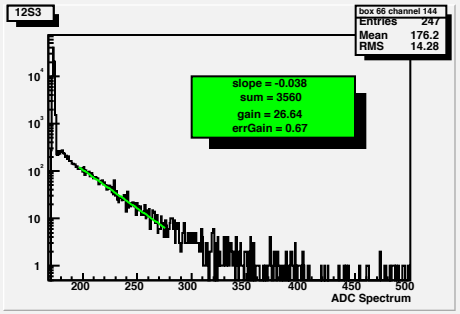

12S3
box 66 channel 107
Entries 223
Mean 178.4
RMS 11.21
slope = -0.040
sum = 2119
gain = 24.90
errGain = 0.82
ADC Spectrum

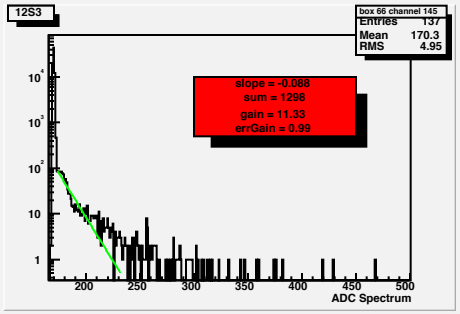

12S3
box 66 channel 108
Entries 289
Mean 182.7
RMS 18.63
slope = -0.036
sum = 6407
gain = 28.05
errGain = 0.41
ADC Spectrum

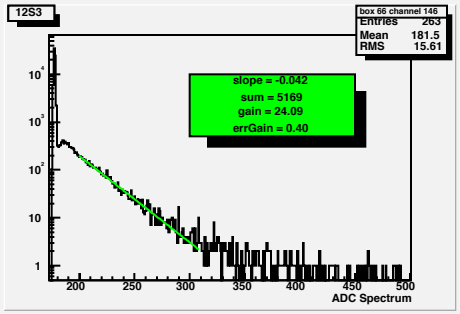

12S3
box 66 channel 109
Entries 227
Mean 169.1
RMS 11.77
slope = -0.039
sum = 2315
gain = 25.73
errGain = 0.76
ADC Spectrum

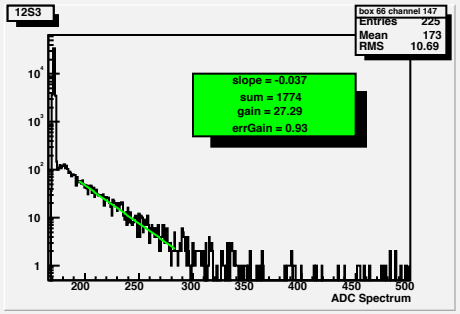

12S3
box 66 channel 110
Entries 226
Mean 184.9
RMS 12.93
slope = -0.046
sum = 3743
gain = 21.88
errGain = 0.46
ADC Spectrum

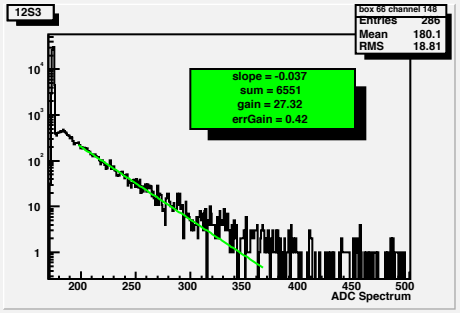

12S3
box 66 channel 111
Entries 182
Mean 182.4
RMS 8.304
slope = -0.037
sum = 1069
gain = 26.86
errGain = 1.28
ADC Spectrum

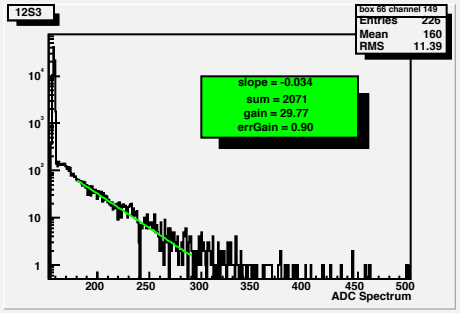

12S3
box 66 channel 144
Entries 247
Mean 176.2
RMS 14.28
slope = -0.038
sum = 3560
gain = 26.64
errGain = 0.67
ADC Spectrum

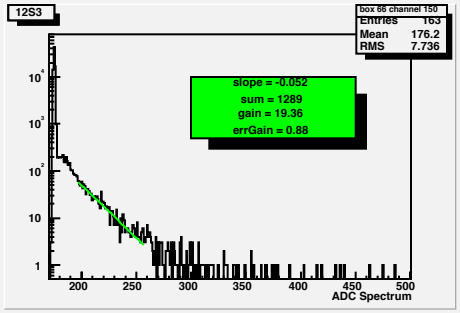

12S3
box 66 channel 145
Entries 137
Mean 170.3
RMS 4.95
slope = -0.088
sum = 1298
gain = 11.33
errGain = 0.99
ADC Spectrum

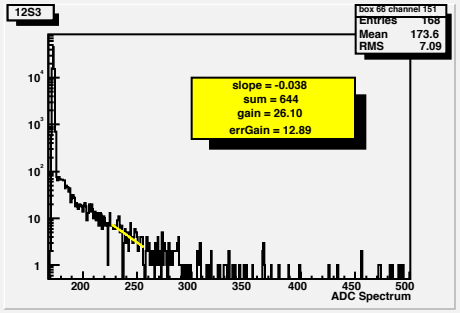

12S3
box 66 channel 146
Entries 263
Mean 181.5
RMS 15.61
slope = -0.042
sum = 5169
gain = 24.09
errGain = 0.40
ADC Spectrum

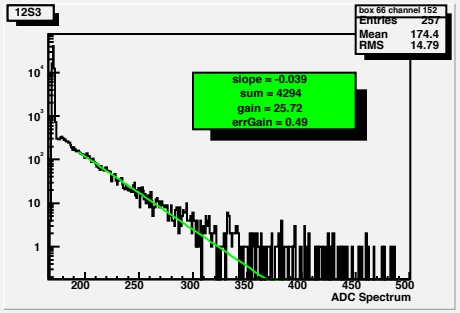

12S3
box 66 channel 147
Entries 225
Mean 173
RMS 10.69
slope = -0.037
sum = 1774
gain = 27.29
errGain = 0.93
ADC Spectrum

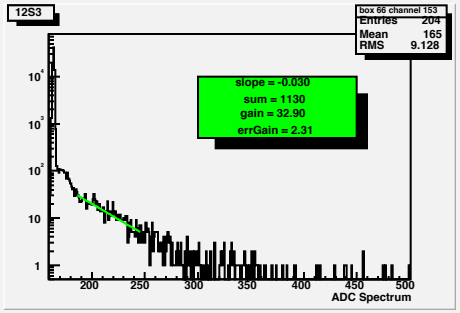

12S3
box 66 channel 148
Entries 286
Mean 180.1
RMS 18.81
slope = -0.037
sum = 6551
gain = 27.32
errGain = 0.42
ADC Spectrum

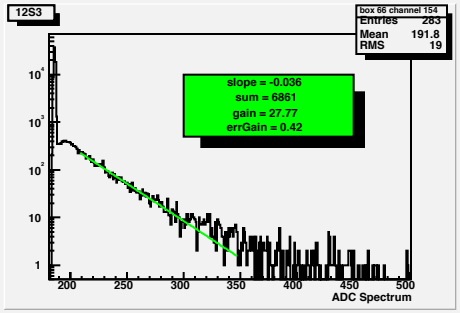

12S3
box 66 channel 149
Entries 226
Mean 160
RMS 11.39
slope = -0.034
sum = 2071
gain = 29.77
errGain = 0.90
ADC Spectrum

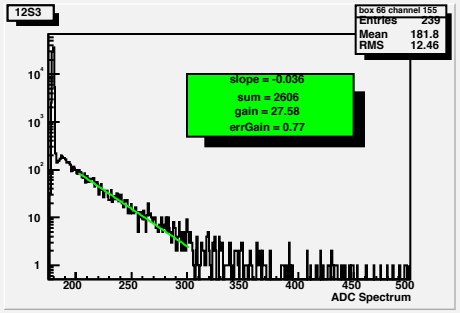

12S3
box 66 channel 150
Entries 163
Mean 176.2
RMS 7.736
slope = -0.052
sum = 1289
gain = 19.36
errGain = 0.88
ADC Spectrum

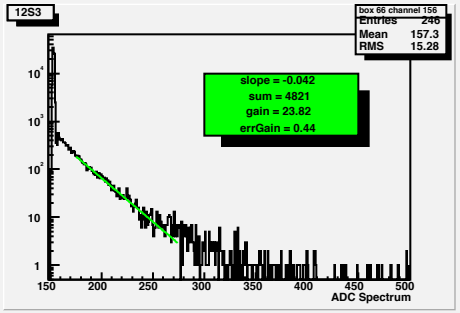

12S3
box 66 channel 151
Entries 168
Mean 173.6
RMS 7.09
slope = -0.038
sum = 644
gain = 26.10
errGain = 12.89
ADC Spectrum

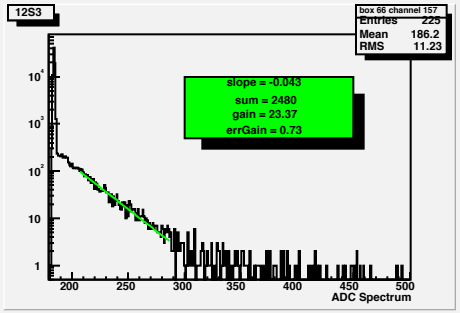

12S3
box 66 channel 152
Entries 257
Mean 174.4
RMS 14.79
slope = -0.039
sum = 4294
gain = 25.72
errGain = 0.49
ADC Spectrum

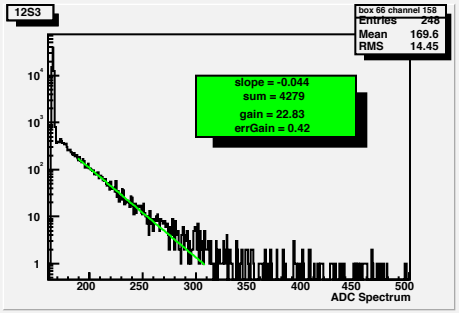

12S3
box 66 channel 153
Entries 204
Mean 165
RMS 9.128
slope = -0.030
sum = 1130
gain = 32.90
errGain = 2.31
ADC Spectrum

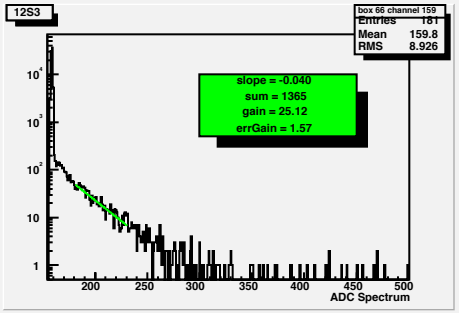

12S3
box 66 channel 154
Entries 263
Mean 191.8
RMS 19
slope = -0.036
sum = 6861
gain = 27.77
errGain = 0.42
ADC Spectrum

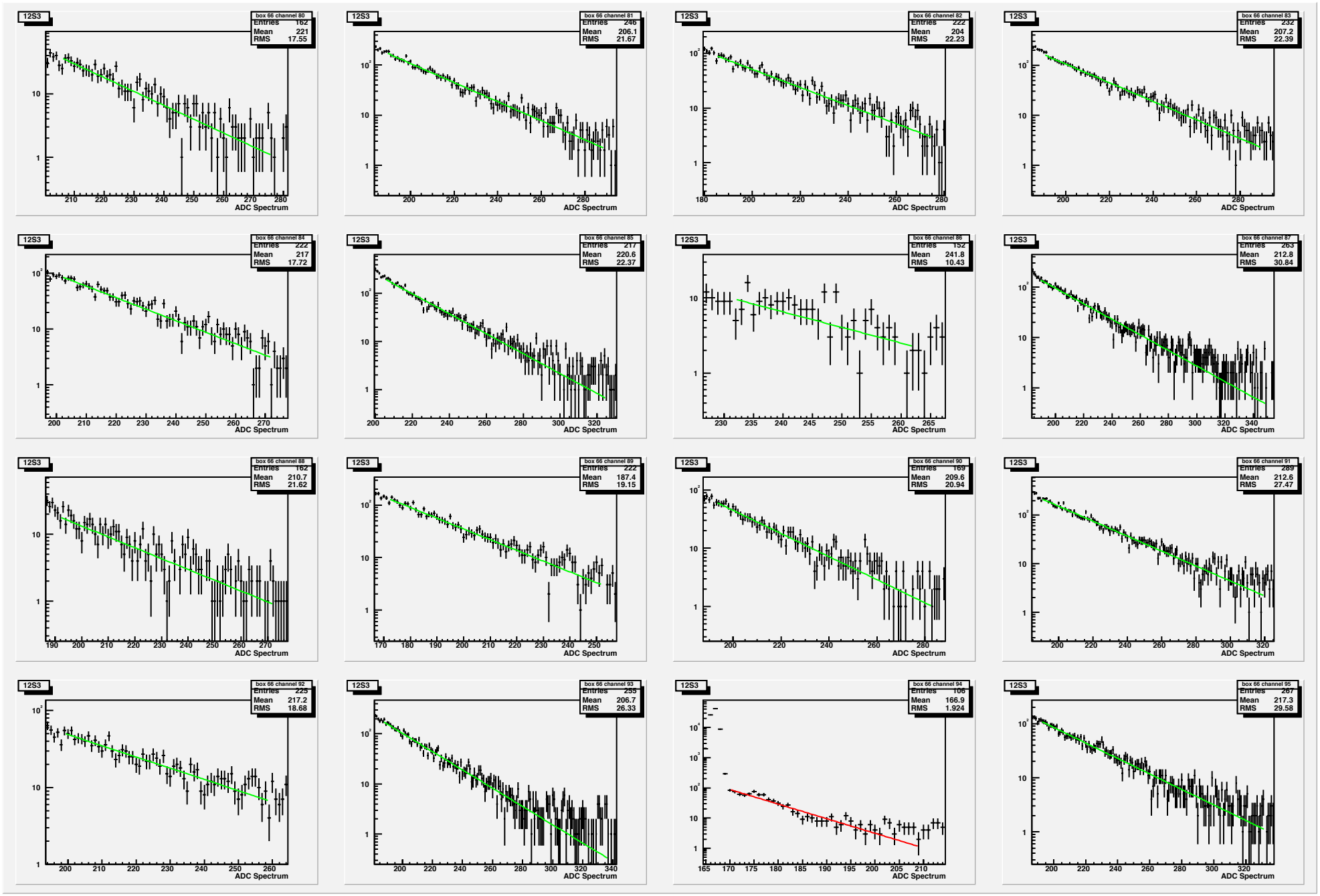

12S3
box 66 channel 155
Entries 239
Mean 181.8
RMS 12.46
slope = -0.036
sum = 2606
gain = 27.58
errGain = 0.77
ADC Spectrum

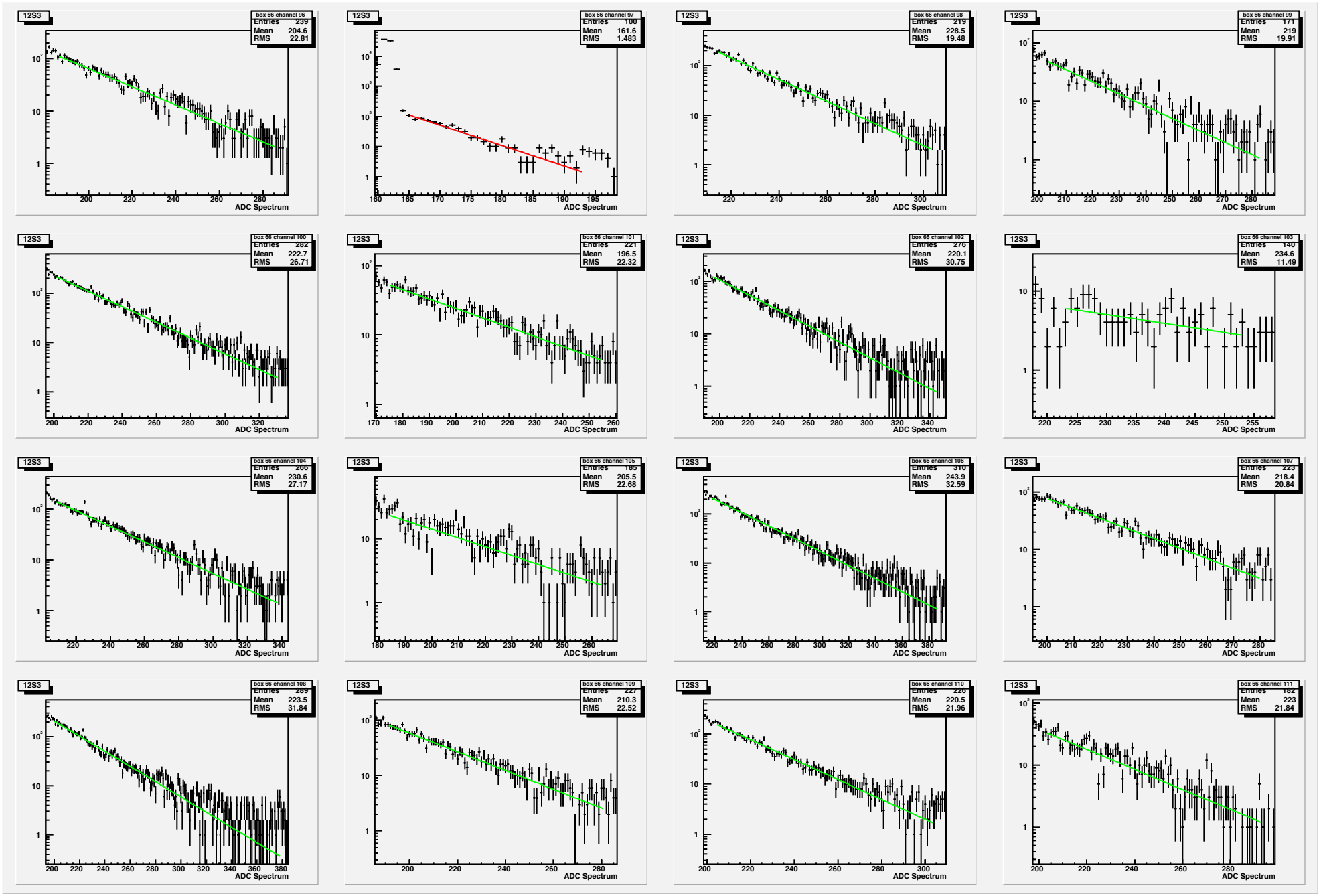

12S3
box 66 channel 156
Entries 246
Mean 157.3
RMS 15.28
slope = -0.042
sum = 4821
gain = 23.82
errGain = 0.44
ADC Spectrum

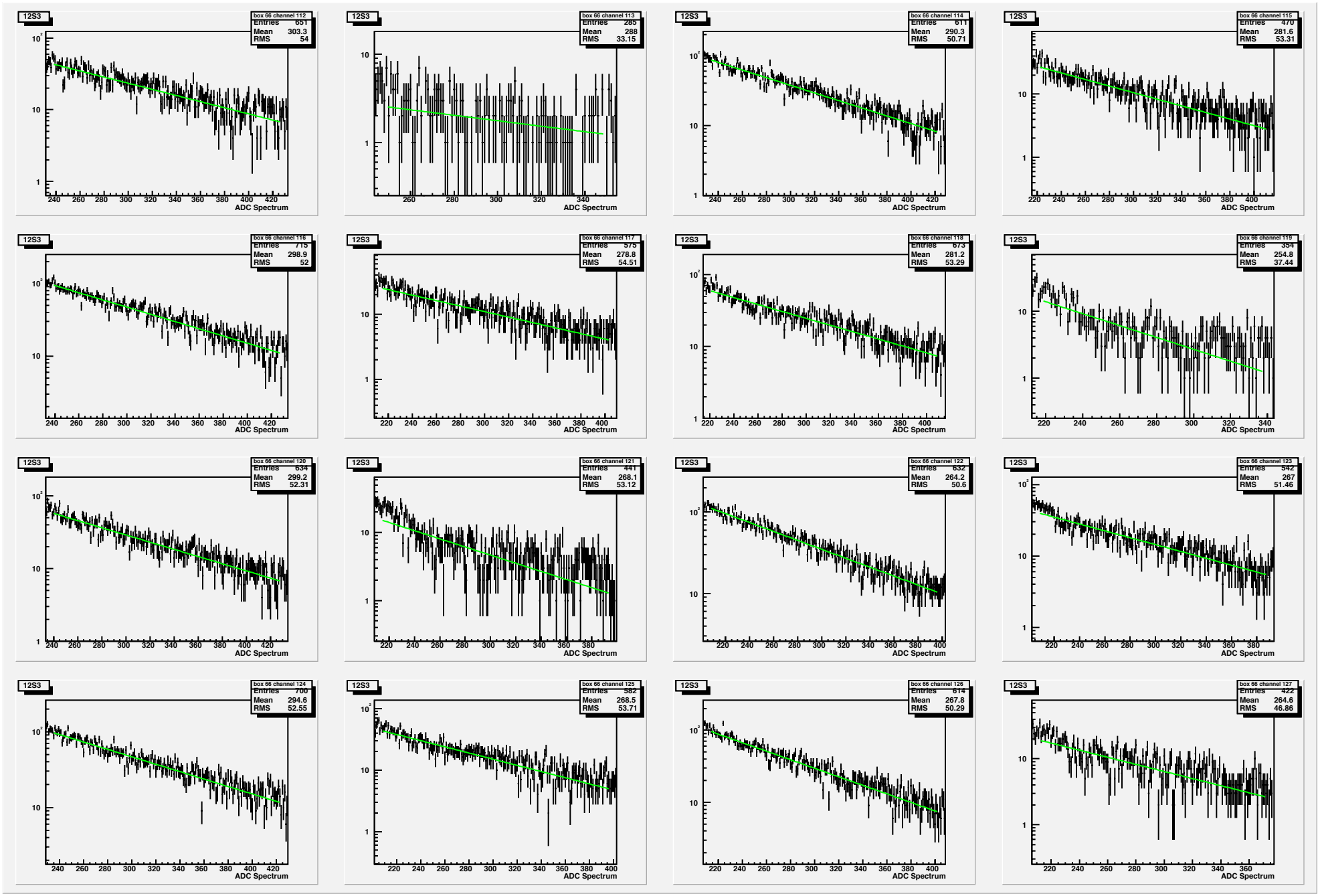

12S3
box 66 channel 157
Entries 225
Mean 186.2
RMS 11.23
slope = -0.043
sum = 2480
gain = 23.37
errGain = 0.73
ADC Spectrum

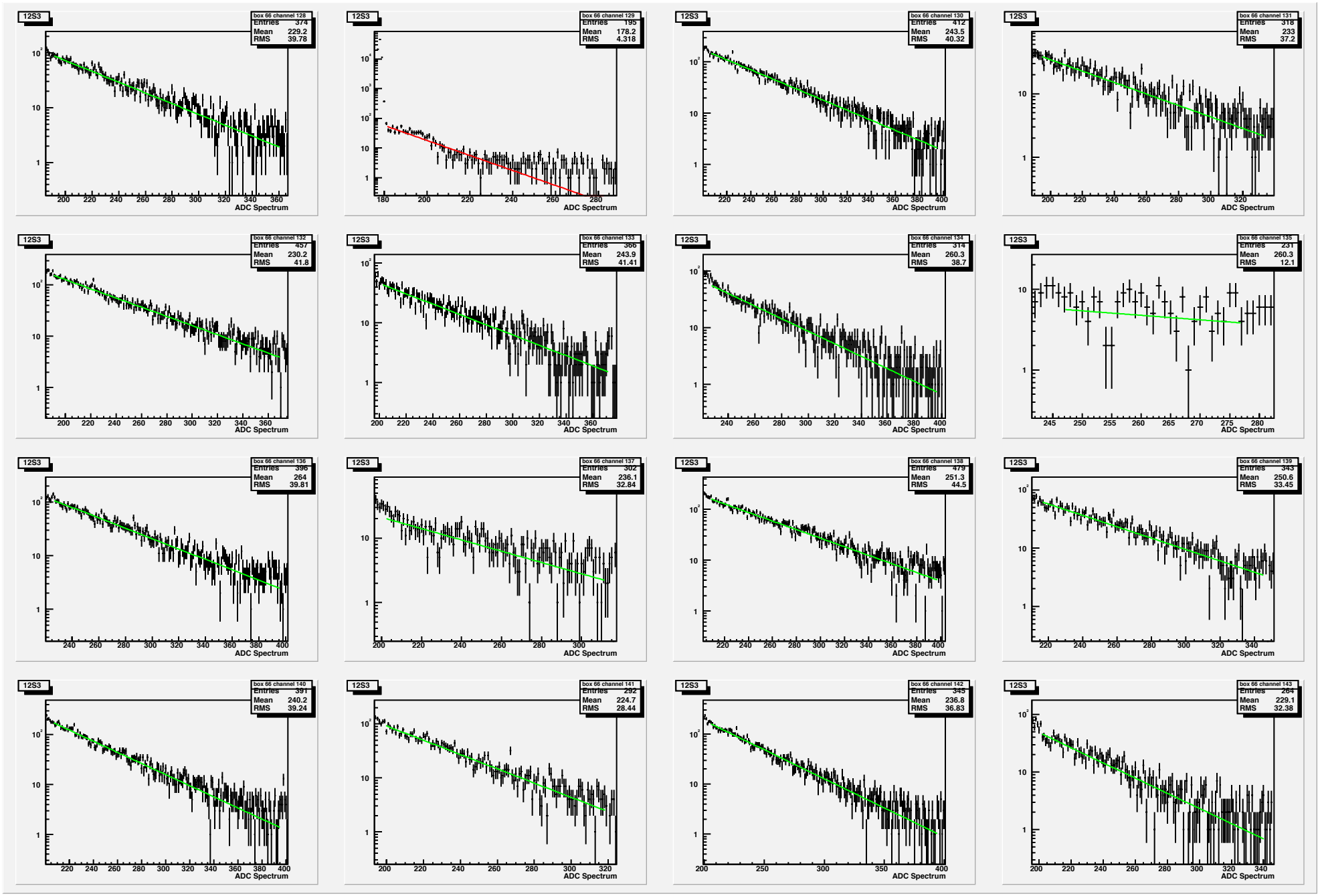

12S3
box 66 channel 158
Entries 248
Mean 169.6
RMS 14.45
slope = -0.044
sum = 4279
gain = 22.83
errGain = 0.42
ADC Spectrum

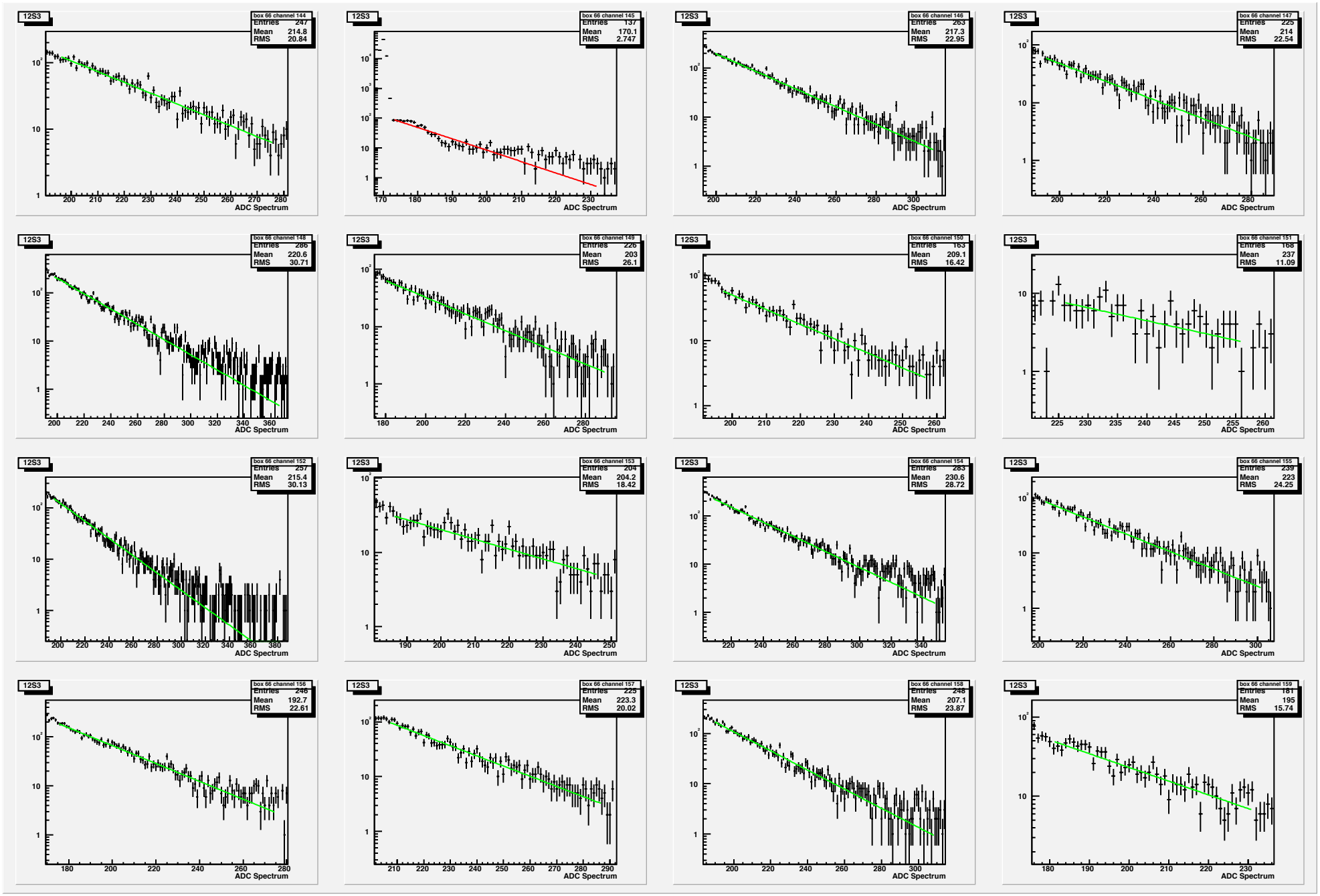

12S3
box 66 channel 159
Entries 181
Mean 159.8
RMS 8.926
slope = -0.040
sum = 1365
gain = 25.12
errGain = 1.57
ADC Spectrum

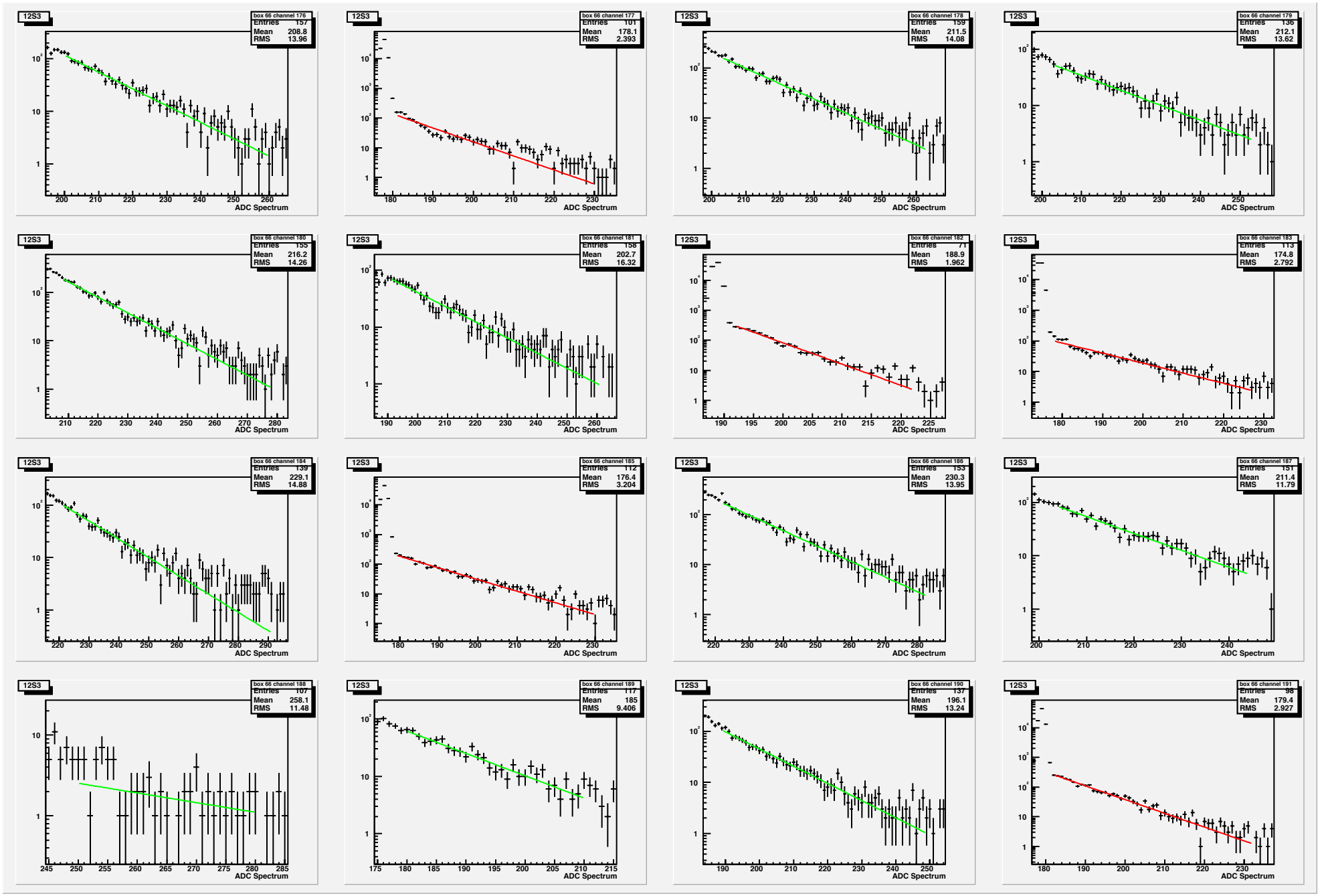

12S3
box 66 channel 80
Entries 162
Mean 221
RMS 17.55
box 66 channel 81
Entries 246
Mean 206.1
RMS 21.67
box 66 channel 82
Entries 222
Mean 204
RMS 22.23
box 66 channel 83
Entries 232
Mean 207.2
RMS 22.39
box 66 channel 84
Entries 222
Mean 217
RMS 17.72
box 66 channel 85
Entries 217
Mean 220.6
RMS 22.37
box 66 channel 86
Entries 152
Mean 241.8
RMS 10.43
box 66 channel 87
Entries 263
Mean 212.8
RMS 30.84
box 66 channel 88
Entries 162
Mean 210.7
RMS 21.62
box 66 channel 89
Entries 222
Mean 187.4
RMS 19.15
box 66 channel 90
Entries 153
Mean 209.6
RMS 20.94
box 66 channel 91
Entries 289
Mean 212.6
RMS 27.47
box 66 channel 92
Entries 229
Mean 217.2
RMS 18.68
box 66 channel 93
Entries 255
Mean 206.7
RMS 26.33
box 66 channel 94
Entries 106
Mean 166.9
RMS 1.924
box 66 channel 95
Entries 267
Mean 217.3
RMS 29.58
ADC Spectrum

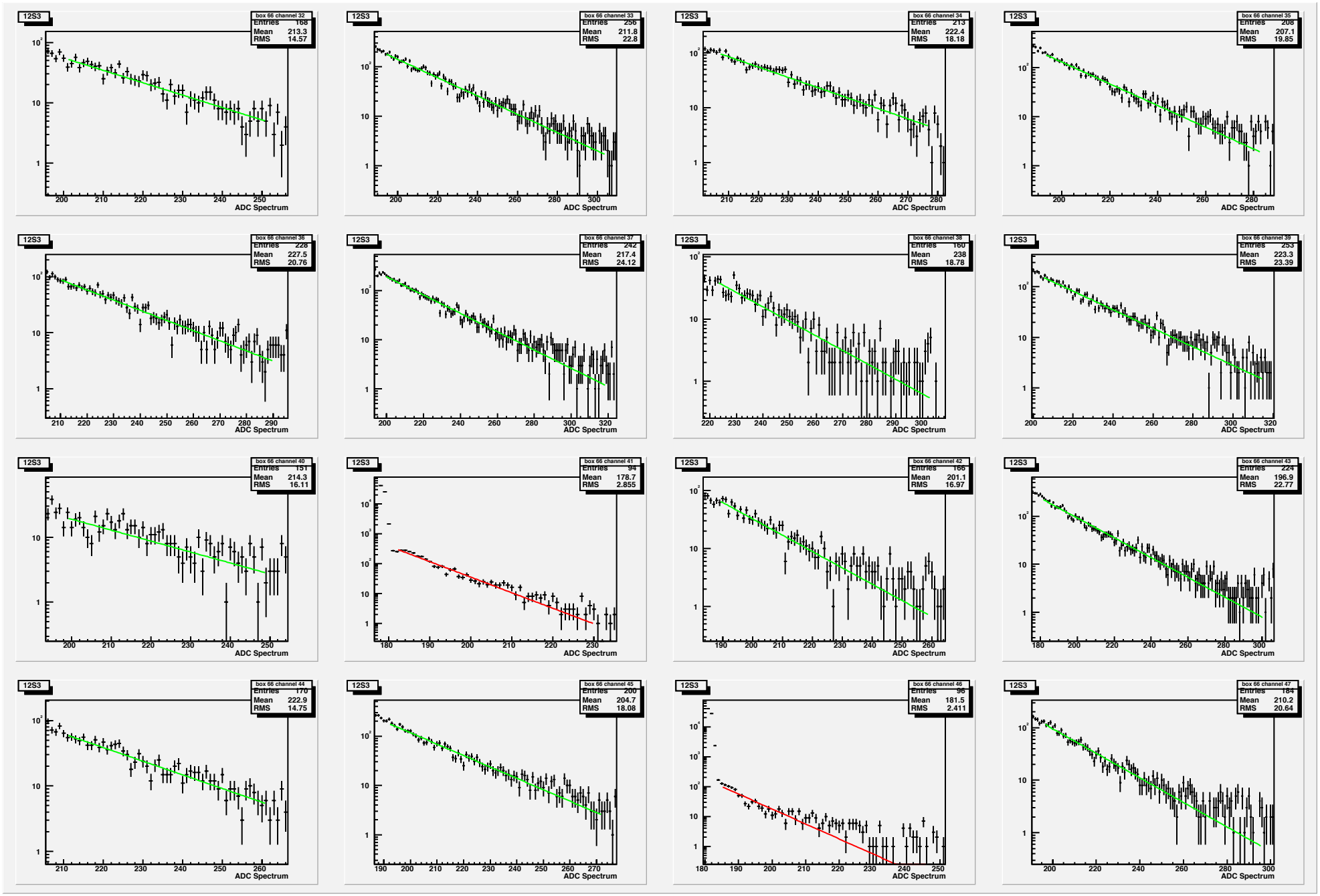

12S3
box 66 channel 96
Entries 239
Mean 204.6
RMS 22.81
box 66 channel 97
Entries 100
Mean 161.6
RMS 1.483
box 66 channel 98
Entries 219
Mean 228.5
RMS 19.48
box 66 channel 99
Entries 171
Mean 219
RMS 19.91
box 66 channel 100
Entries 282
Mean 222.7
RMS 26.71
box 66 channel 101
Entries 221
Mean 196.5
RMS 22.32
box 66 channel 102
Entries 276
Mean 220.1
RMS 30.75
box 66 channel 103
Entries 140
Mean 234.6
RMS 11.49
box 66 channel 104
Entries 266
Mean 230.6
RMS 27.17
box 66 channel 105
Entries 185
Mean 205.5
RMS 22.68
box 66 channel 106
Entries 310
Mean 243.9
RMS 32.59
box 66 channel 107
Entries 223
Mean 218.4
RMS 20.84
box 66 channel 108
Entries 289
Mean 223.5
RMS 31.84
box 66 channel 109
Entries 227
Mean 210.3
RMS 22.52
box 66 channel 110
Entries 226
Mean 220.5
RMS 21.96
box 66 channel 111
Entries 182
Mean 223
RMS 21.84
ADC Spectrum

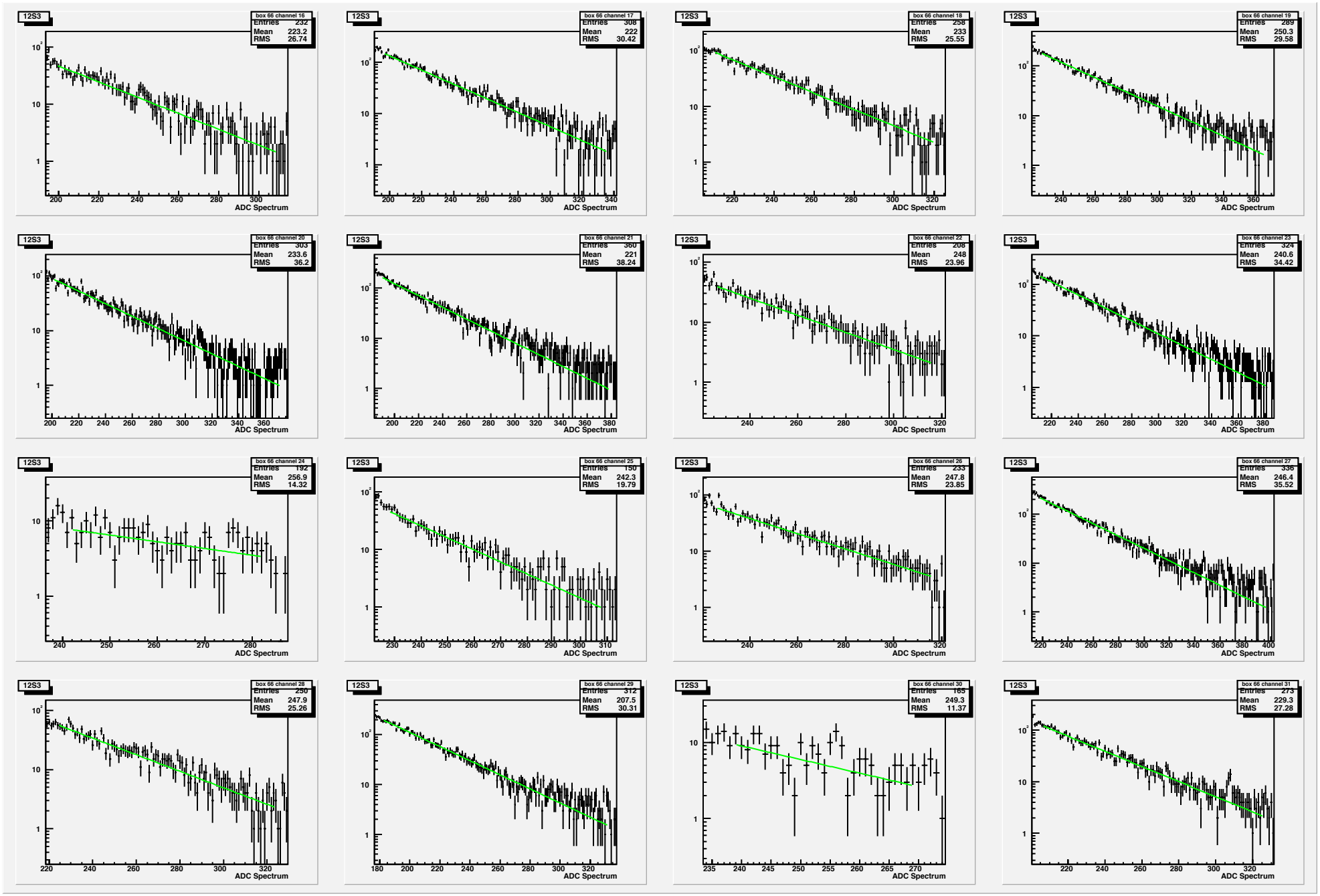

12S3
box 66 channel 112
Entries 651
Mean 303.3
RMS 54
box 66 channel 113
Entries 285
Mean 288
RMS 33.15
box 66 channel 114
Entries 611
Mean 290.3
RMS 50.71
box 66 channel 115
Entries 470
Mean 281.6
RMS 53.31
box 66 channel 116
Entries 715
Mean 298.9
RMS 52
box 66 channel 117
Entries 575
Mean 278.8
RMS 54.51
box 66 channel 118
Entries 673
Mean 281.2
RMS 53.29
box 66 channel 119
Entries 354
Mean 254.8
RMS 37.44
box 66 channel 120
Entries 634
Mean 299.2
RMS 52.31
box 66 channel 121
Entries 441
Mean 268.1
RMS 53.12
box 66 channel 122
Entries 632
Mean 264.2
RMS 50.6
box 66 channel 123
Entries 342
Mean 267
RMS 51.46
box 66 channel 124
Entries 700
Mean 294.6
RMS 52.55
box 66 channel 125
Entries 582
Mean 268.5
RMS 53.71
box 66 channel 126
Entries 614
Mean 267.8
RMS 50.29
box 66 channel 127
Entries 422
Mean 264.6
RMS 46.86
ADC Spectrum

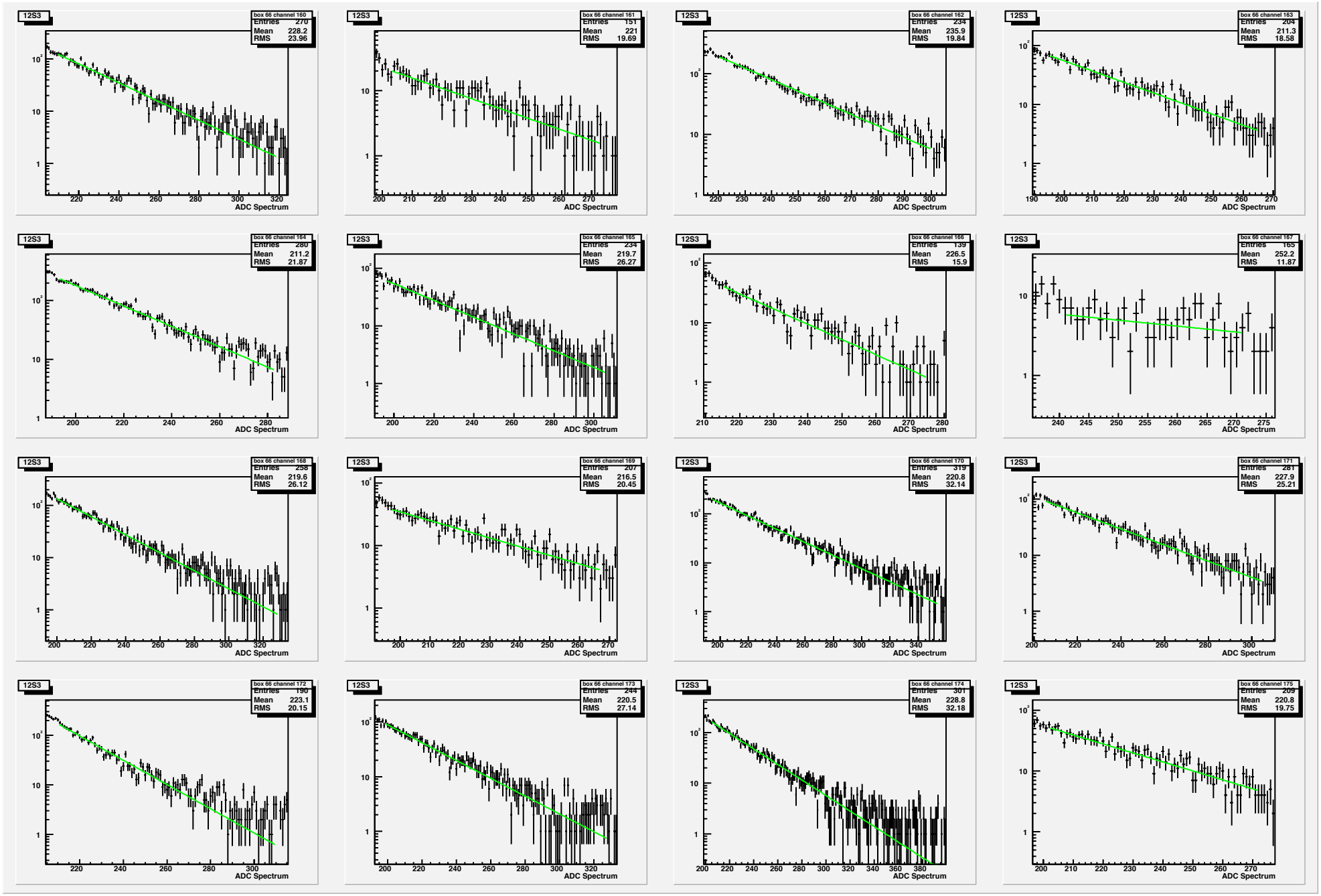

12S3
box 66 channel 128
Entries 374
Mean 229.2
RMS 39.78
box 66 channel 129
Entries 195
Mean 178.2
RMS 4.318
box 66 channel 130
Entries 412
Mean 243.5
RMS 40.32
box 66 channel 131
Entries 318
Mean 233
RMS 37.2
box 66 channel 132
Entries 457
Mean 230.2
RMS 41.8
box 66 channel 133
Entries 366
Mean 243.9
RMS 41.41
box 66 channel 134
Entries 314
Mean 260.3
RMS 38.7
box 66 channel 135
Entries 231
Mean 260.3
RMS 12.1
box 66 channel 136
Entries 396
Mean 264
RMS 39.81
box 66 channel 137
Entries 302
Mean 236.1
RMS 32.84
box 66 channel 138
Entries 473
Mean 251.3
RMS 44.5
box 66 channel 139
Entries 343
Mean 250.6
RMS 33.45
box 66 channel 140
Entries 391
Mean 240.2
RMS 39.24
box 66 channel 141
Entries 292
Mean 224.7
RMS 28.44
box 66 channel 142
Entries 345
Mean 236.8
RMS 36.83
box 66 channel 143
Entries 264
Mean 229.1
RMS 32.38
ADC Spectrum

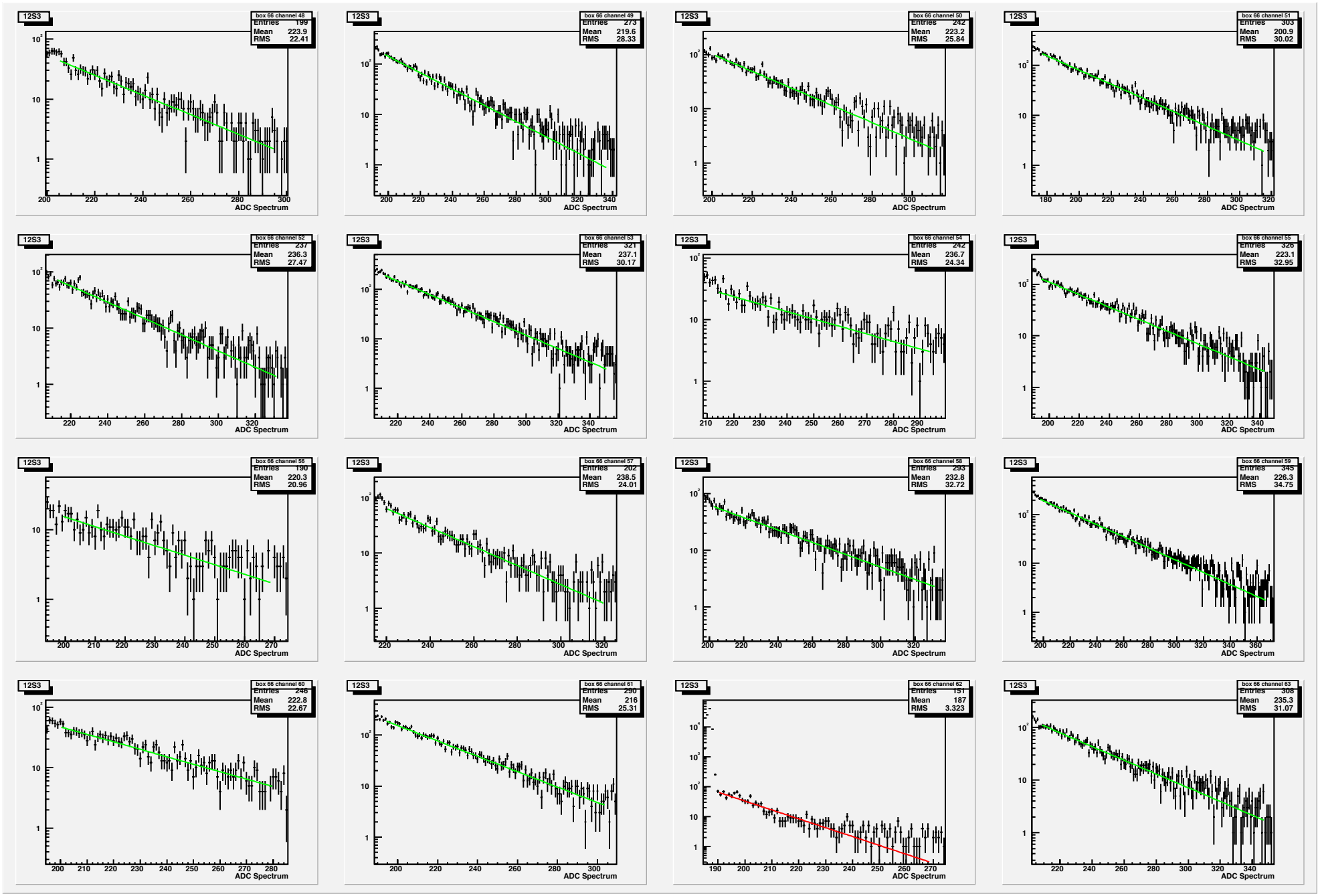

12S3
box 66 channel 144
Entries 247
Mean 214.8
RMS 20.84
box 66 channel 145
Entries 137
Mean 170.1
RMS 2.747
box 66 channel 146
Entries 263
Mean 217.3
RMS 22.95
box 66 channel 147
Entries 225
Mean 214
RMS 22.54
box 66 channel 148
Entries 286
Mean 220.6
RMS 30.71
box 66 channel 149
Entries 226
Mean 203
RMS 26.1
box 66 channel 150
Entries 163
Mean 209.1
RMS 16.42
box 66 channel 151
Entries 168
Mean 237
RMS 11.09
box 66 channel 152
Entries 257
Mean 215.4
RMS 30.13
box 66 channel 153
Entries 204
Mean 204.2
RMS 18.42
box 66 channel 154
Entries 283
Mean 230.6
RMS 28.72
box 66 channel 155
Entries 239
Mean 223
RMS 24.25
box 66 channel 156
Entries 246
Mean 192.7
RMS 22.61
box 66 channel 157
Entries 225
Mean 223.3
RMS 20.02
box 66 channel 158
Entries 248
Mean 207.1
RMS 23.87
box 66 channel 159
Entries 181
Mean 195
RMS 15.74
ADC Spectrum

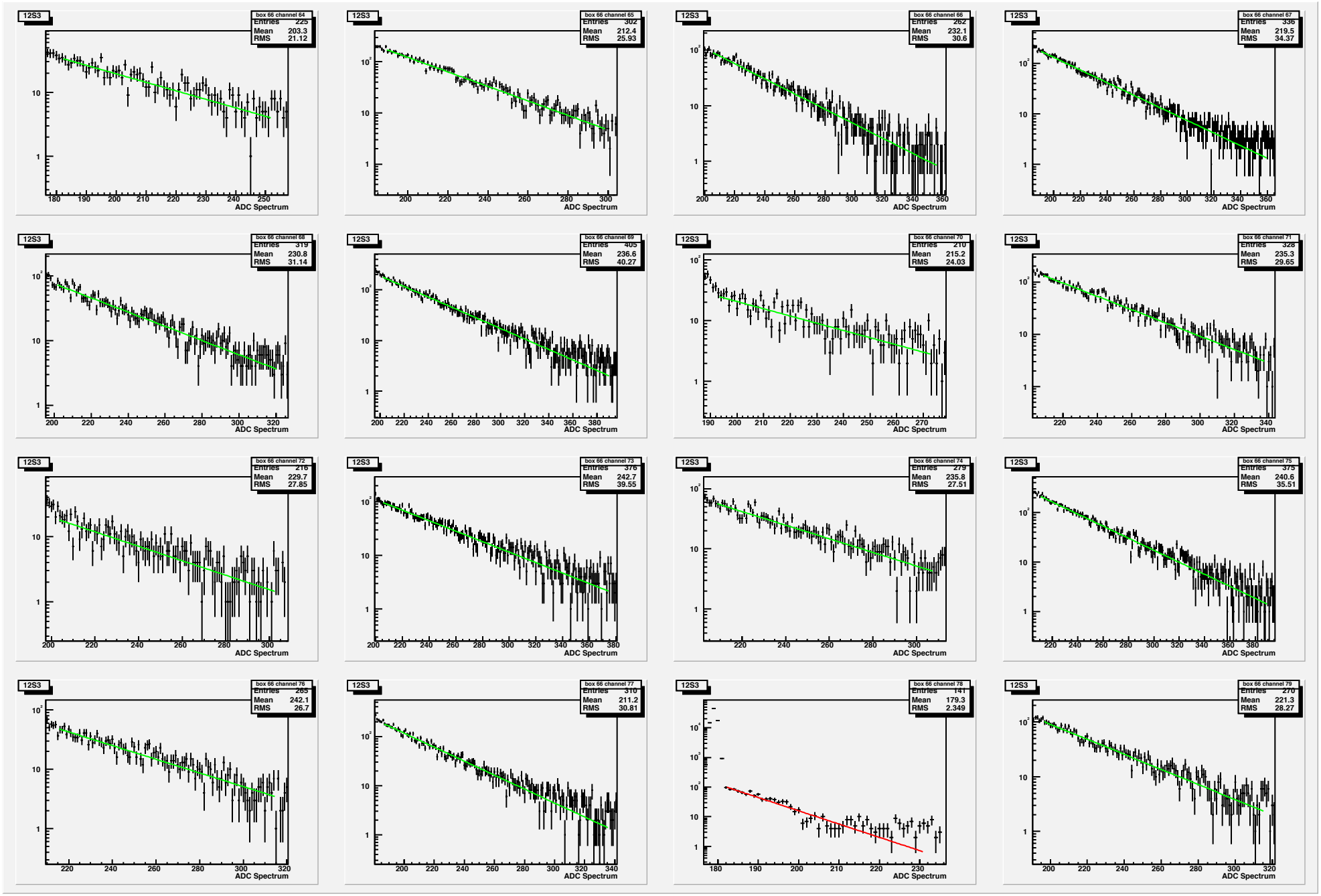

12S3
box 66 channel 176
Entries 157
Mean 208.8
RMS 13.96
box 66 channel 177
Entries 101
Mean 178.1
RMS 2.393
box 66 channel 178
Entries 159
Mean 211.5
RMS 14.08
box 66 channel 179
Entries 136
Mean 212.1
RMS 13.62
box 66 channel 180
Entries 155
Mean 216.2
RMS 14.26
box 66 channel 181
Entries 158
Mean 202.7
RMS 16.32
box 66 channel 182
Entries 71
Mean 188.9
RMS 1.962
box 66 channel 183
Entries 113
Mean 174.8
RMS 2.792
box 66 channel 184
Entries 139
Mean 229.1
RMS 14.88
box 66 channel 185
Entries 112
Mean 176.4
RMS 3.204
box 66 channel 186
Entries 153
Mean 230.3
RMS 13.95
box 66 channel 187
Entries 151
Mean 211.4
RMS 11.79
box 66 channel 188
Entries 107
Mean 258.1
RMS 11.48
box 66 channel 189
Entries 117
Mean 185
RMS 9.406
box 66 channel 190
Entries 137
Mean 196.1
RMS 13.24
box 66 channel 191
Entries 98
Mean 179.4
RMS 2.927
ADC Spectrum

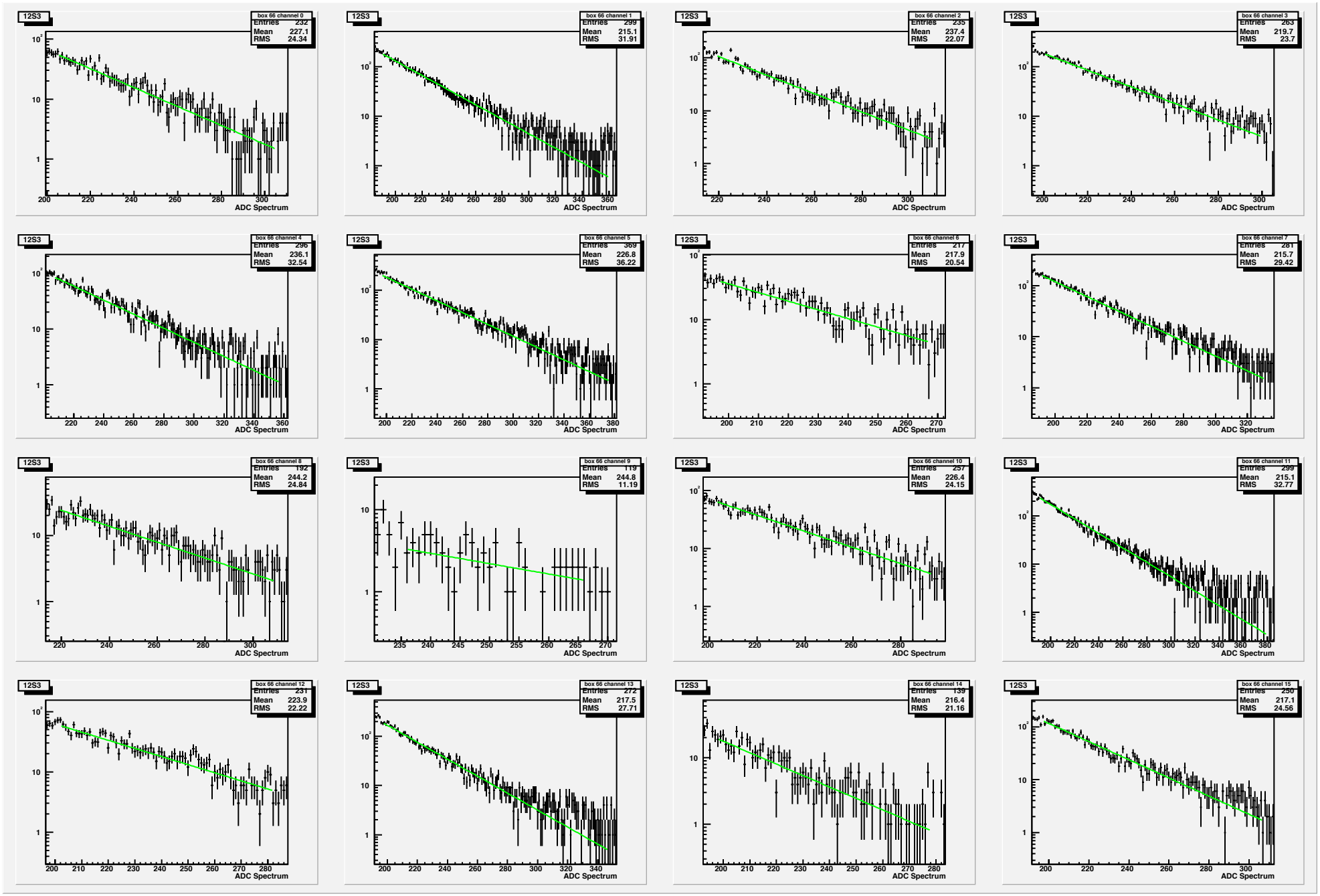

12S3
box 66 channel 32
Entries 168
Mean 213.3
RMS 14.57
box 66 channel 33
Entries 256
Mean 211.8
RMS 22.8
box 66 channel 34
Entries 213
Mean 222.4
RMS 18.18
box 66 channel 35
Entries 208
Mean 207.1
RMS 19.85
box 66 channel 36
Entries 228
Mean 227.5
RMS 20.76
box 66 channel 37
Entries 242
Mean 217.4
RMS 24.12
box 66 channel 38
Entries 160
Mean 238
RMS 18.78
box 66 channel 39
Entries 253
Mean 223.3
RMS 23.39
box 66 channel 40
Entries 151
Mean 214.3
RMS 16.11
box 66 channel 41
Entries 94
Mean 178.7
RMS 2.855
box 66 channel 42
Entries 165
Mean 201.1
RMS 16.97
box 66 channel 43
Entries 224
Mean 196.9
RMS 22.77
box 66 channel 44
Entries 170
Mean 222.9
RMS 14.75
box 66 channel 45
Entries 200
Mean 204.7
RMS 18.08
box 66 channel 46
Entries 96
Mean 181.5
RMS 2.411
box 66 channel 47
Entries 184
Mean 210.2
RMS 20.64
ADC Spectrum


12S3
box 66 channel 16
Entries 232
Mean 223.2
RMS 26.74
box 66 channel 17
Entries 308
Mean 222
RMS 30.42
box 66 channel 18
Entries 258
Mean 233
RMS 25.55
box 66 channel 19
Entries 289
Mean 250.3
RMS 29.58
box 66 channel 20
Entries 303
Mean 233.6
RMS 36.2
box 66 channel 21
Entries 360
Mean 221
RMS 38.24
box 66 channel 22
Entries 208
Mean 248
RMS 23.96
box 66 channel 23
Entries 324
Mean 240.6
RMS 34.42
box 66 channel 24
Entries 192
Mean 256.9
RMS 14.32
box 66 channel 25
Entries 190
Mean 242.3
RMS 19.79
box 66 channel 26
Entries 233
Mean 247.8
RMS 23.85
box 66 channel 27
Entries 330
Mean 246.4
RMS 35.52
box 66 channel 28
Entries 250
Mean 247.9
RMS 25.26
box 66 channel 29
Entries 312
Mean 207.5
RMS 30.31
box 66 channel 30
Entries 165
Mean 249.3
RMS 11.37
box 66 channel 31
Entries 273
Mean 229.3
RMS 27.28
ADC Spectrum


12S3
box 66 channel 160
Entries 270
Mean 228.2
RMS 23.96
box 66 channel 161
Entries 151
Mean 221
RMS 19.69
box 66 channel 162
Entries 234
Mean 235.9
RMS 19.84
box 66 channel 163
Entries 204
Mean 211.3
RMS 18.58
box 66 channel 164
Entries 280
Mean 211.2
RMS 21.87
box 66 channel 165
Entries 234
Mean 219.7
RMS 26.27
box 66 channel 166
Entries 139
Mean 226.5
RMS 15.9
box 66 channel 167
Entries 165
Mean 252.2
RMS 11.87
box 66 channel 168
Entries 258
Mean 219.6
RMS 26.12
box 66 channel 169
Entries 207
Mean 216.5
RMS 20.45
box 66 channel 170
Entries 313
Mean 220.8
RMS 32.14
box 66 channel 171
Entries 281
Mean 227.9
RMS 25.21
box 66 channel 172
Entries 190
Mean 223.1
RMS 20.15
box 66 channel 173
Entries 244
Mean 220.5
RMS 27.14
box 66 channel 174
Entries 301
Mean 228.8
RMS 32.18
box 66 channel 175
Entries 209
Mean 220.8
RMS 19.75
ADC Spectrum


12S3
box 66 channel 48
Entries 199
Mean 223.9
RMS 22.41
box 66 channel 49
Entries 273
Mean 219.6
RMS 28.33
box 66 channel 50
Entries 242
Mean 223.2
RMS 25.84
box 66 channel 51
Entries 303
Mean 200.9
RMS 30.02
box 66 channel 52
Entries 237
Mean 236.3
RMS 27.47
box 66 channel 53
Entries 321
Mean 237.1
RMS 30.17
box 66 channel 54
Entries 242
Mean 236.7
RMS 24.34
box 66 channel 55
Entries 326
Mean 223.1
RMS 32.95
box 66 channel 56
Entries 190
Mean 220.3
RMS 20.96
box 66 channel 57
Entries 202
Mean 238.5
RMS 24.01
box 66 channel 58
Entries 253
Mean 232.8
RMS 32.72
box 66 channel 59
Entries 345
Mean 226.3
RMS 34.75
box 66 channel 60
Entries 246
Mean 222.8
RMS 22.67
box 66 channel 61
Entries 290
Mean 216
RMS 25.31
box 66 channel 62
Entries 151
Mean 187
RMS 3.323
box 66 channel 63
Entries 308
Mean 235.3
RMS 31.07
ADC Spectrum


12S3
box 66 channel 64
Entries 225
Mean 203.3
RMS 21.12
box 66 channel 65
Entries 302
Mean 212.4
RMS 25.93
box 66 channel 66
Entries 262
Mean 232.1
RMS 30.6
box 66 channel 67
Entries 336
Mean 219.5
RMS 34.37
box 66 channel 68
Entries 319
Mean 230.8
RMS 31.14
box 66 channel 69
Entries 405
Mean 236.6
RMS 40.27
box 66 channel 70
Entries 210
Mean 215.2
RMS 24.03
box 66 channel 71
Entries 328
Mean 235.3
RMS 29.65
box 66 channel 72
Entries 218
Mean 229.7
RMS 27.85
box 66 channel 73
Entries 376
Mean 242.7
RMS 39.55
box 66 channel 74
Entries 273
Mean 235.8
RMS 27.51
box 66 channel 75
Entries 375
Mean 240.6
RMS 35.51
box 66 channel 76
Entries 265
Mean 242.1
RMS 26.7
box 66 channel 77
Entries 310
Mean 211.2
RMS 30.81
box 66 channel 78
Entries 141
Mean 179.3
RMS 2.349
box 66 channel 79
Entries 270
Mean 221.3
RMS 28.27
ADC Spectrum


12S3
box 66 channel 0
Entries 232
Mean 227.1
RMS 24.34
box 66 channel 1
Entries 299
Mean 215.1
RMS 31.91
box 66 channel 2
Entries 235
Mean 237.4
RMS 22.07
box 66 channel 3
Entries 263
Mean 219.7
RMS 23.7
box 66 channel 4
Entries 296
Mean 236.1
RMS 32.54
box 66 channel 5
Entries 369
Mean 226.8
RMS 36.22
box 66 channel 6
Entries 217
Mean 217.9
RMS 20.54
box 66 channel 7
Entries 281
Mean 215.7
RMS 29.42
box 66 channel 8
Entries 192
Mean 244.2
RMS 24.84
box 66 channel 9
Entries 119
Mean 244.8
RMS 11.19
box 66 channel 10
Entries 257
Mean 226.4
RMS 24.15
box 66 channel 11
Entries 239
Mean 215.1
RMS 32.77
box 66 channel 12
Entries 231
Mean 223.9
RMS 22.22
box 66 channel 13
Entries 272
Mean 217.5
RMS 27.71
box 66 channel 14
Entries 139
Mean 216.4
RMS 21.16
box 66 channel 15
Entries 250
Mean 217.1
RMS 24.56
ADC Spectrum