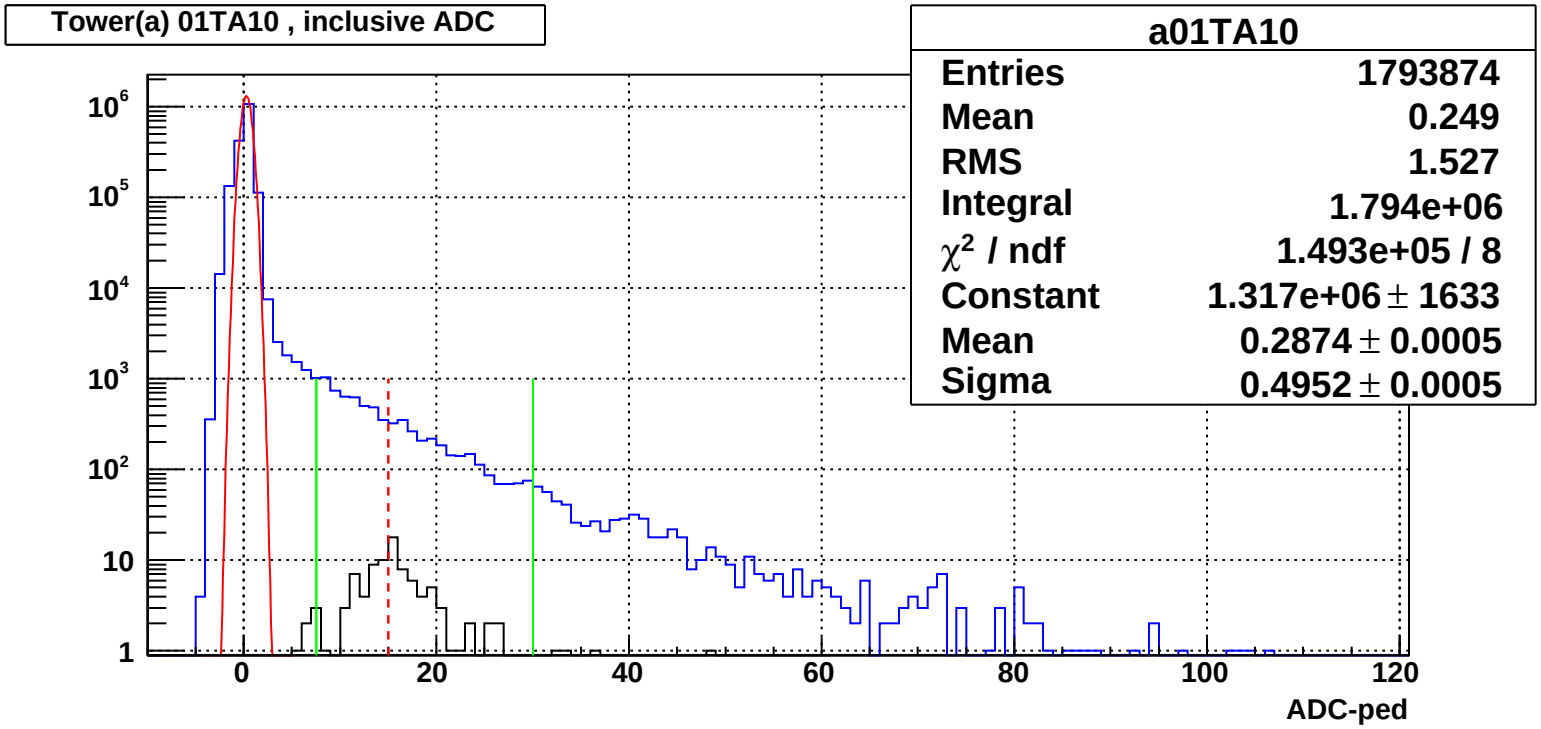
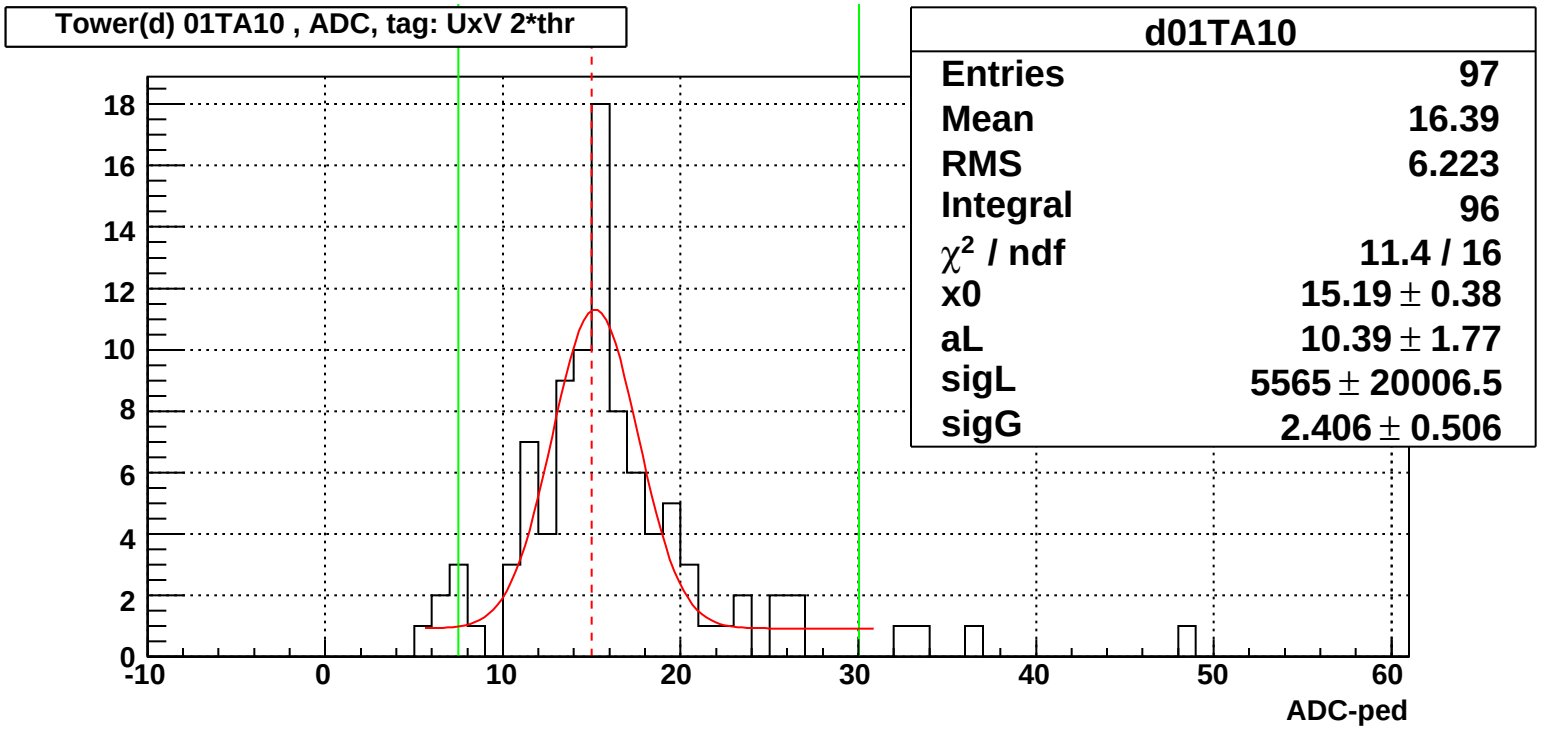
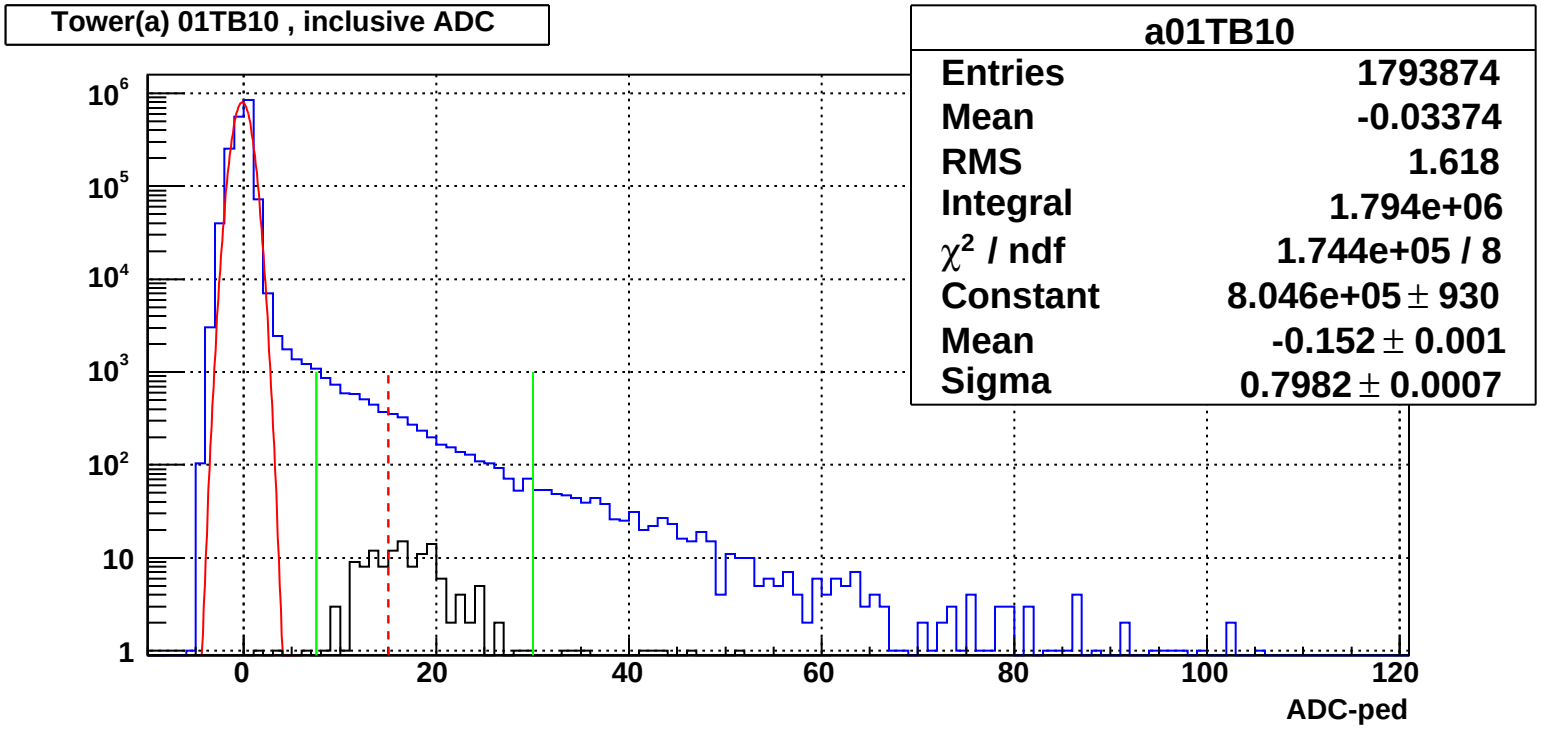
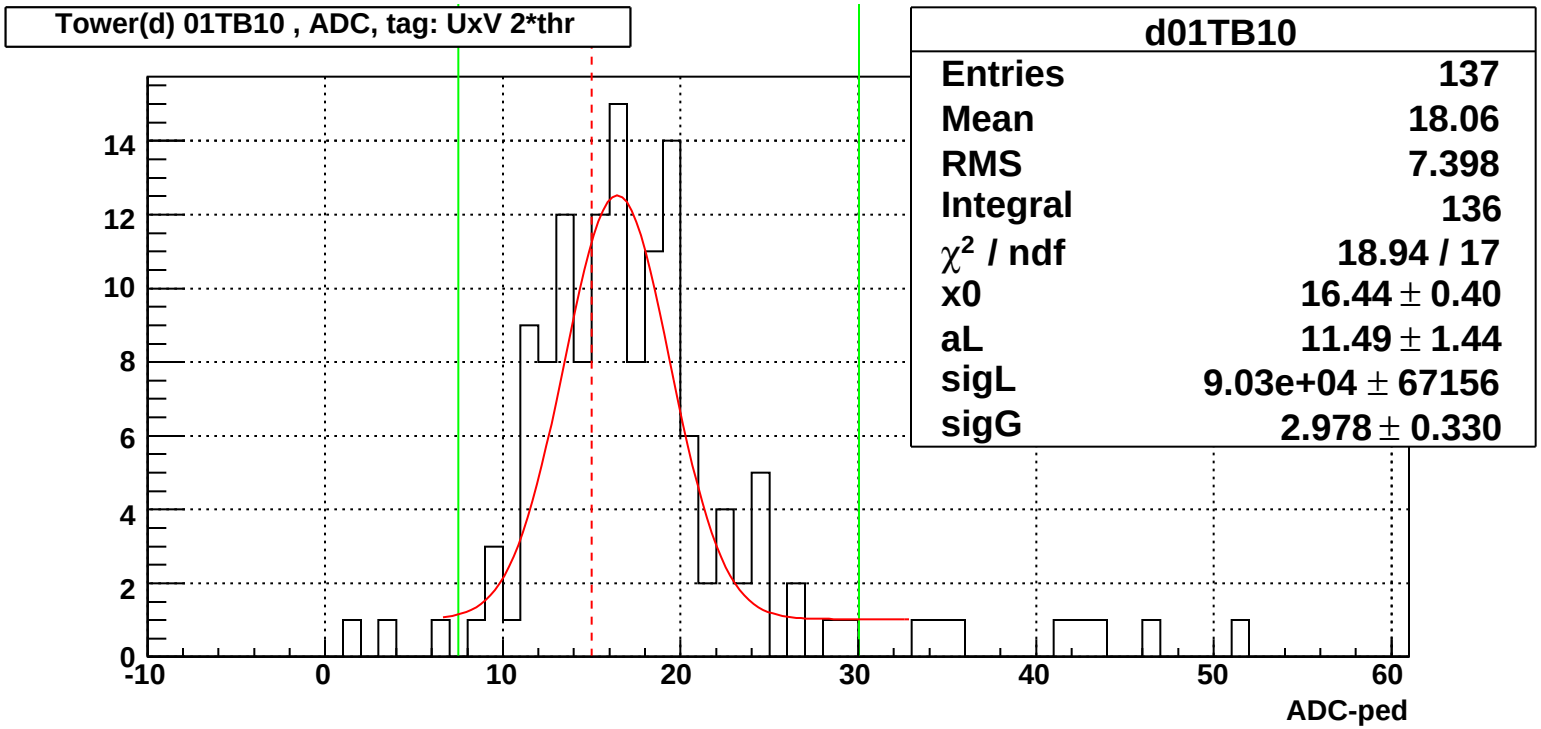
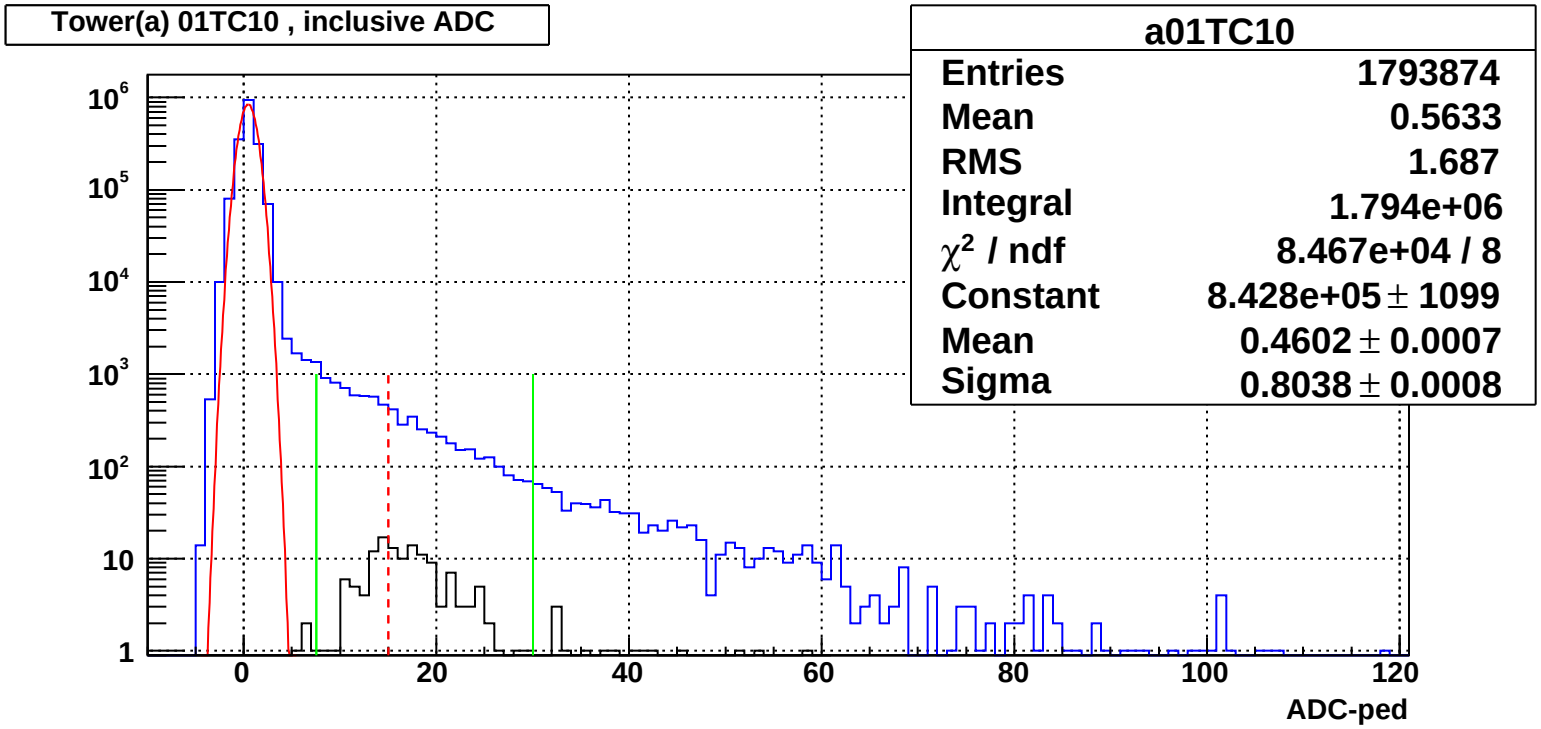
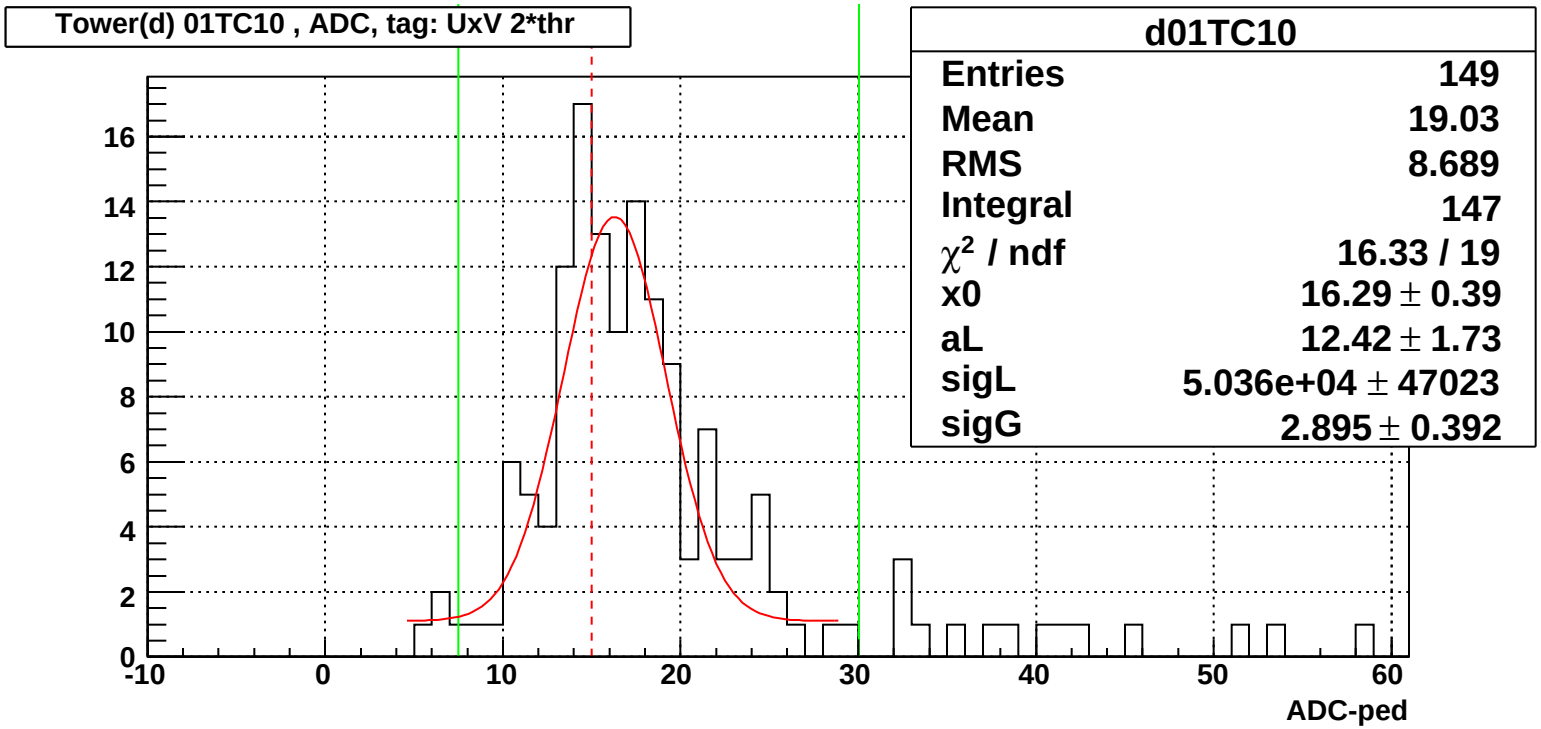

Tower(a) 01TA10 , inclusive ADC
a01TA10
Entries 1793874
Mean 0.249
RMS 1.527
Integral 1.794e+06
χ² / ndf 1.493e+05 / 8
Constant 1.317e+06 ± 1633
Mean 0.2874 ± 0.0005
Sigma 0.4952 ± 0.0005
ADC-ped

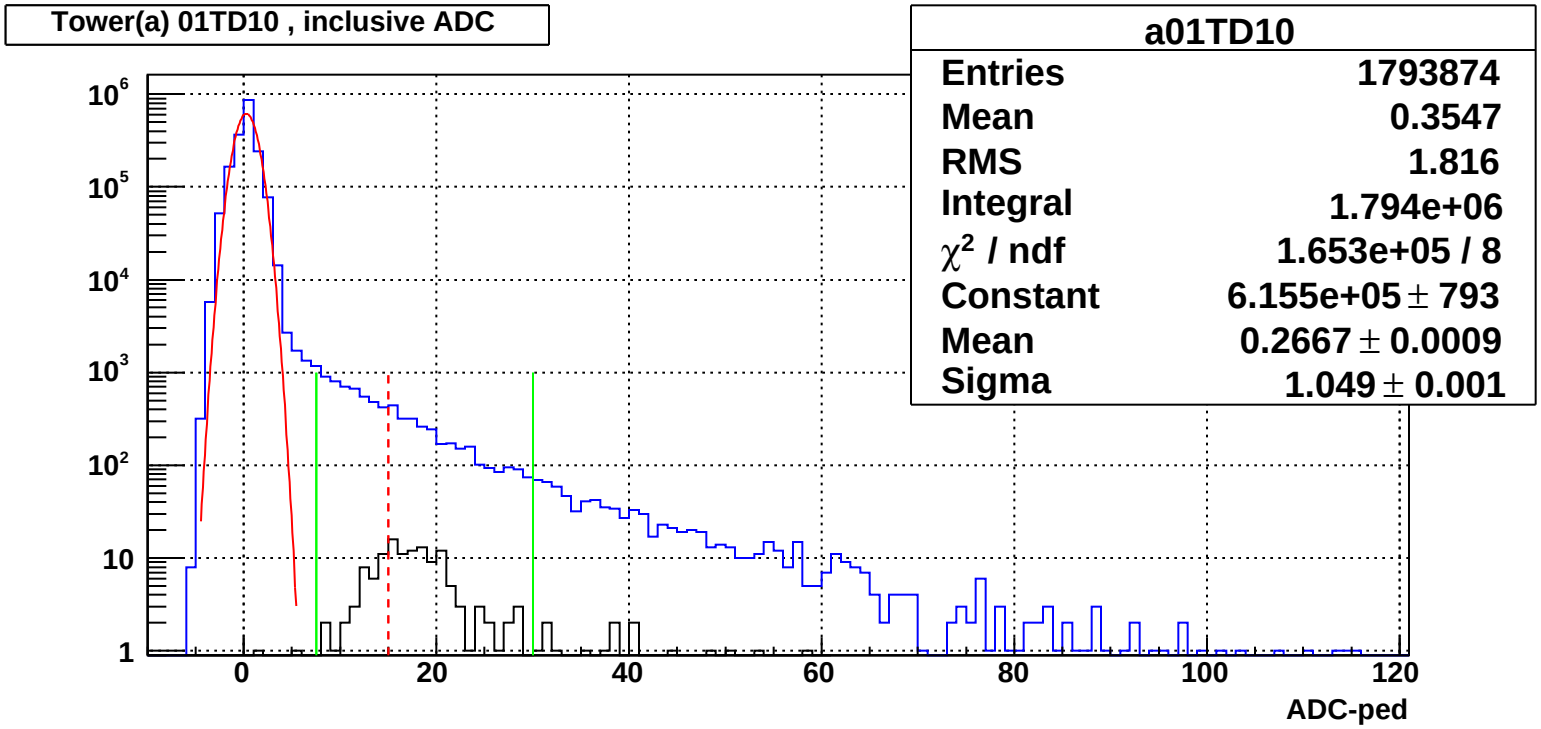

Tower(d) 01TA10 , ADC, tag: UxV 2*thr
d01TA10
Entries 97
Mean 16.39
RMS 6.223
Integral 96
χ² / ndf 11.4 / 16
x0 15.19 ± 0.38
aL 10.39 ± 1.77
sigL 5565 ± 20006.5
sigG 2.406 ± 0.506
ADC-ped

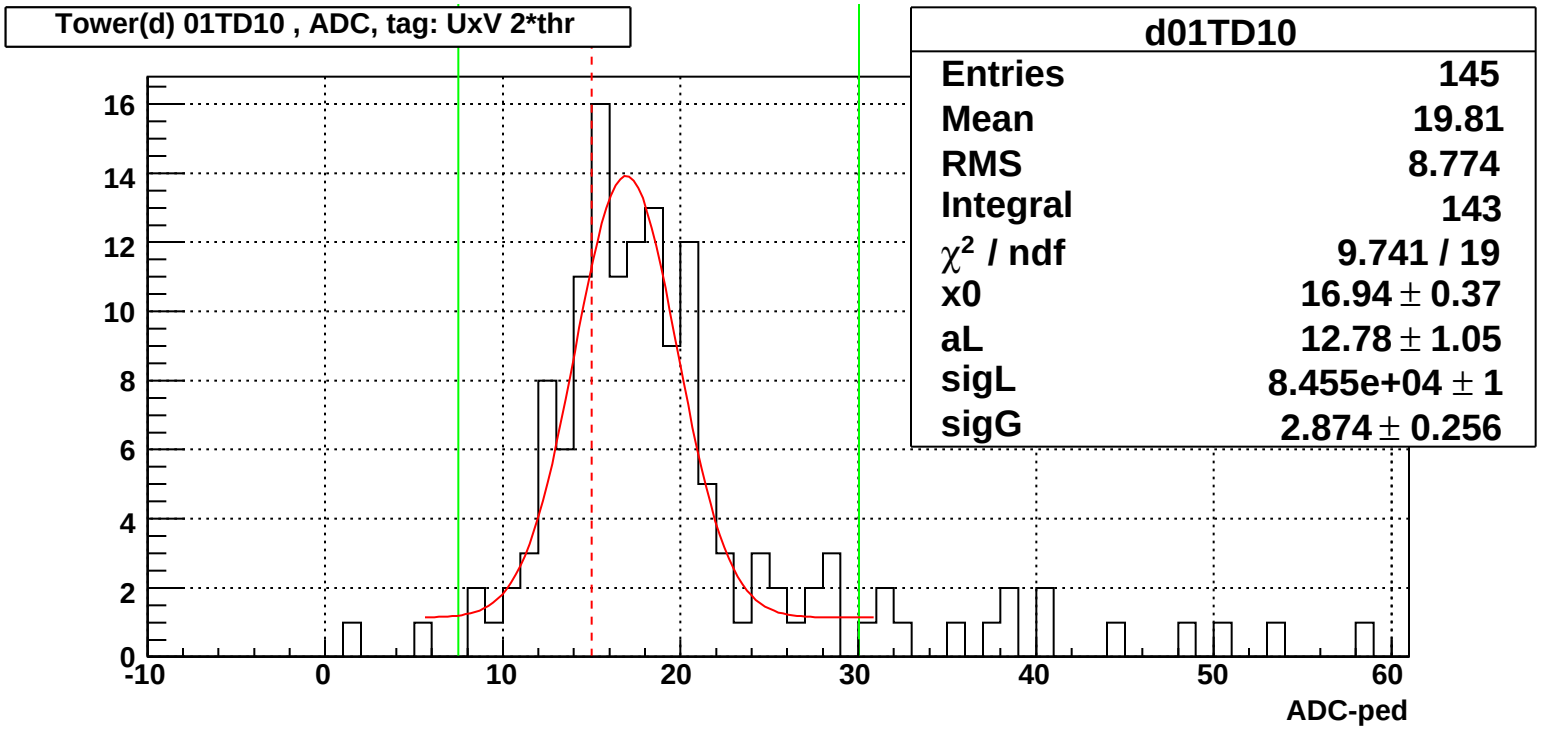

Tower(a) 01TB10 , inclusive ADC
a01TB10
Entries 1793874
Mean -0.03374
RMS 1.618
Integral 1.794e+06
χ² / ndf 1.744e+05 / 8
Constant 8.046e+05 ± 930
Mean -0.152 ± 0.001
Sigma 0.7982 ± 0.0007
ADC-ped

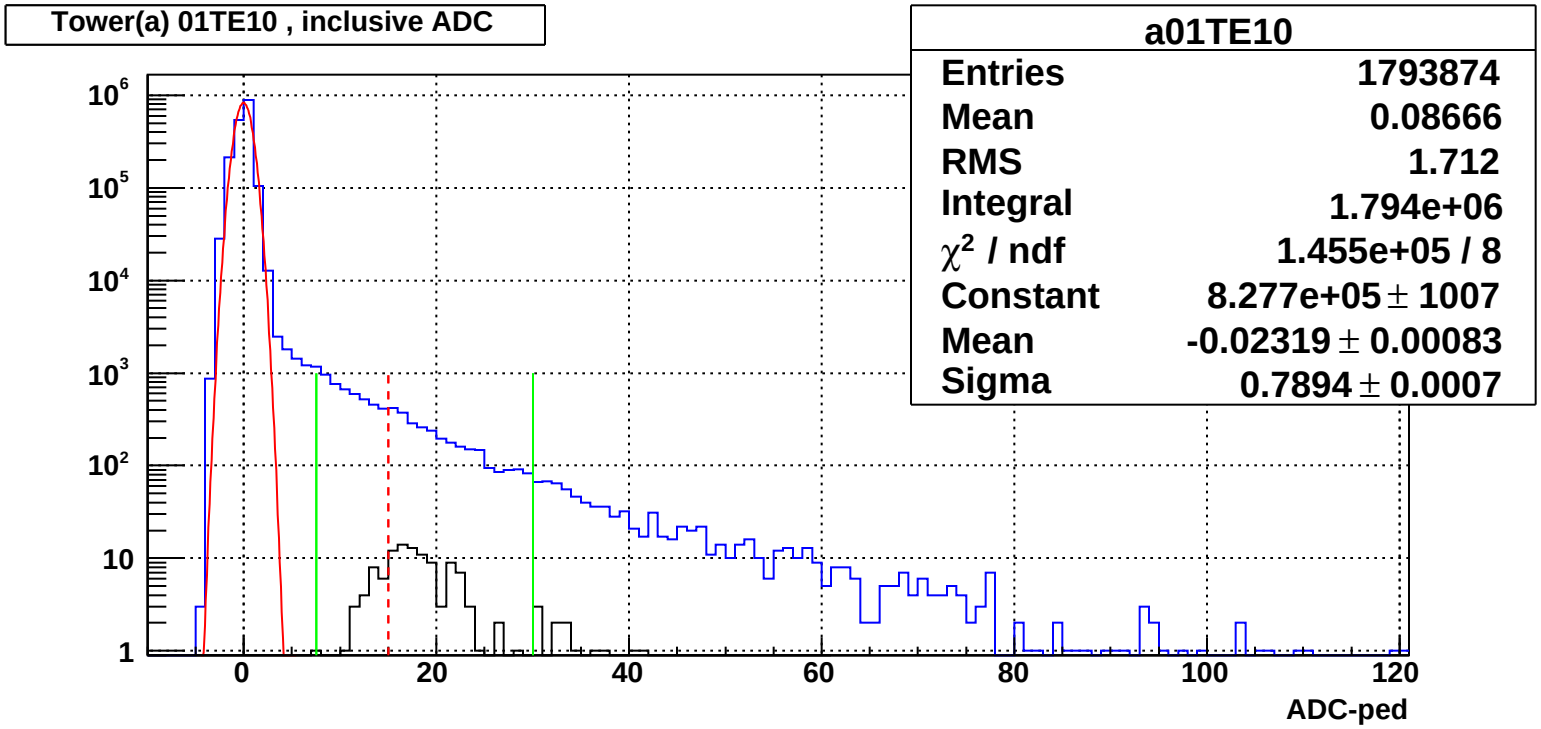

Tower(d) 01TB10 , ADC, tag: UxV 2*thr
d01TB10
Entries 137
Mean 18.06
RMS 7.398
Integral 136
χ² / ndf 18.94 / 17
x0 16.44 ± 0.40
aL 11.49 ± 1.44
sigL 9.03e+04 ± 67156
sigG 2.978 ± 0.330
ADC-ped

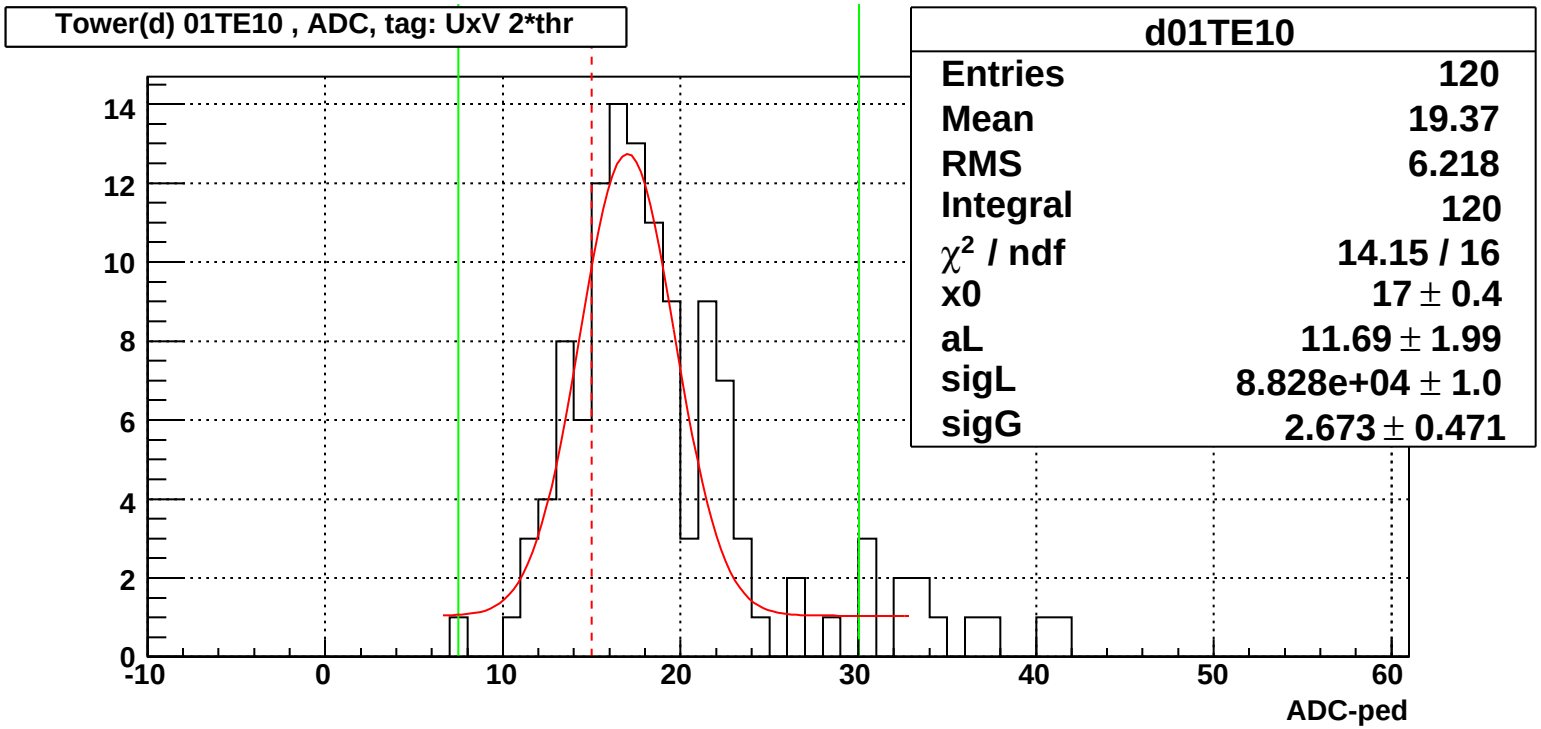

Tower(a) 01TC10 , inclusive ADC
a01TC10
Entries 1793874
Mean 0.5633
RMS 1.687
Integral 1.794e+06
χ² / ndf 8.467e+04 / 8
Constant 8.428e+05 ± 1099
Mean 0.4602 ± 0.0007
Sigma 0.8038 ± 0.0008
ADC-ped

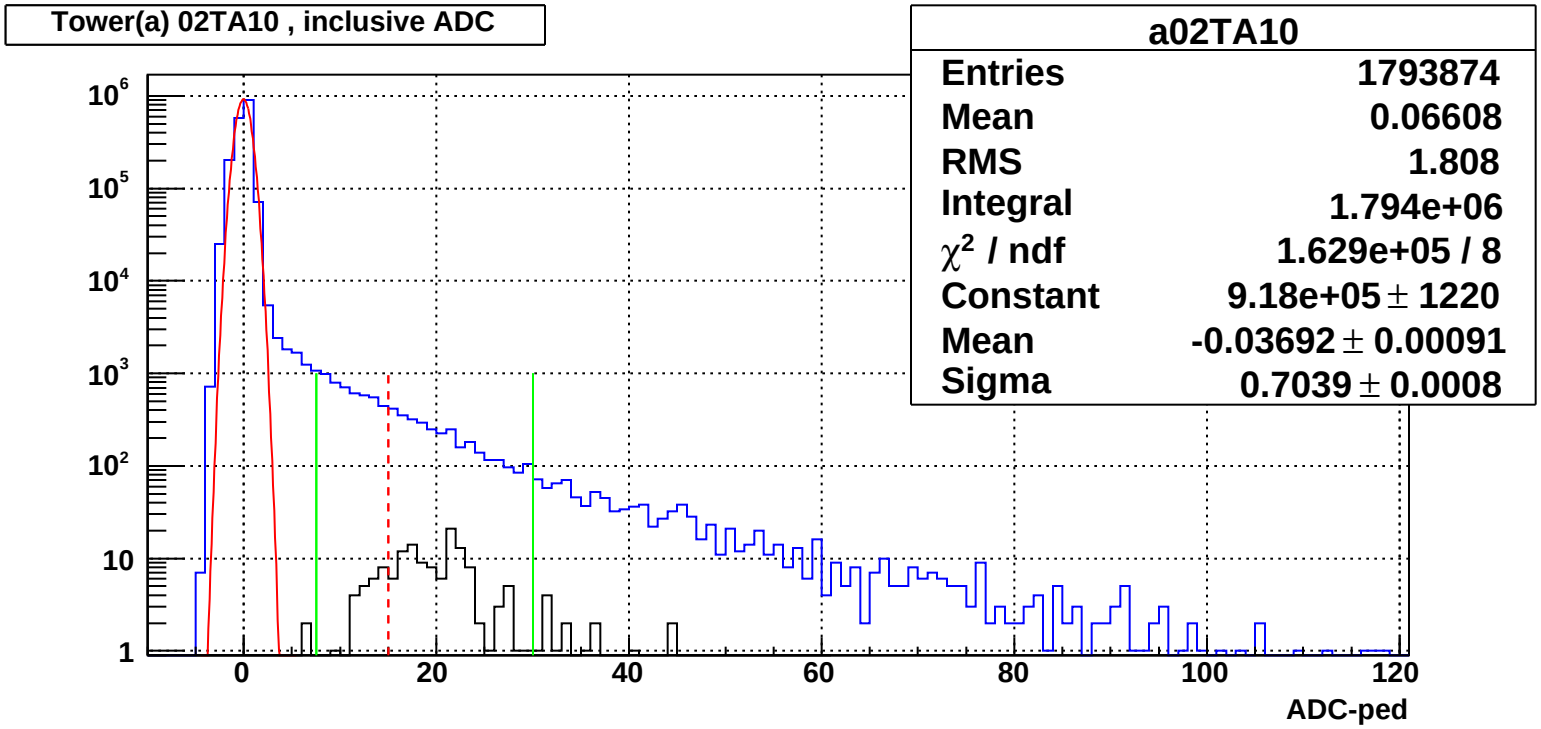

Tower(d) 01TC10 , ADC, tag: UxV 2*thr
d01TC10
Entries 149
Mean 19.03
RMS 8.689
Integral 147
χ² / ndf 16.33 / 19
x0 16.29 ± 0.39
aL 12.42 ± 1.73
sigL 5.036e+04 ± 47023
sigG 2.895 ± 0.392
ADC-ped

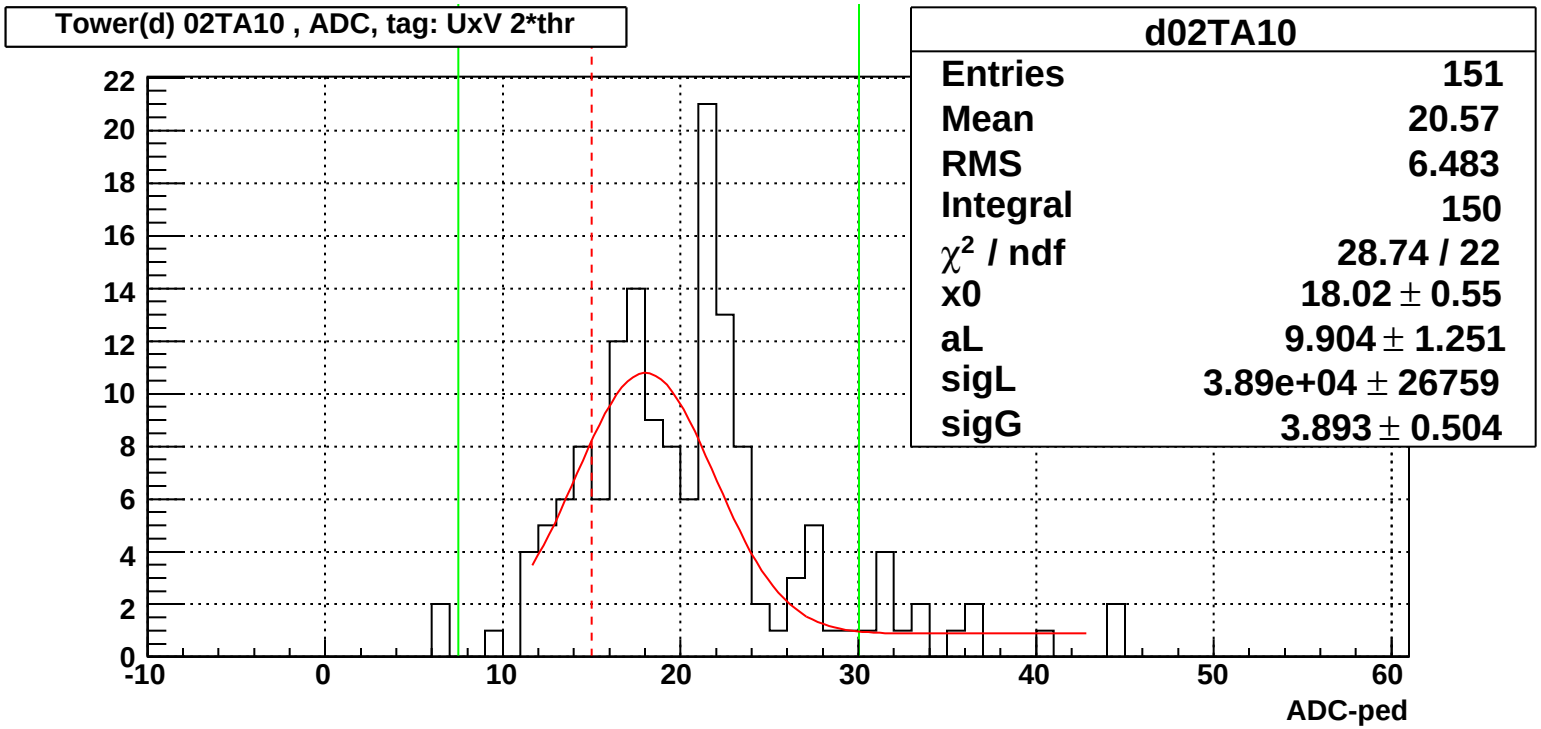

Tower(a) 01TD10 , inclusive ADC
a01TD10
Entries 1793874
Mean 0.3547
RMS 1.816
Integral 1.794e+06
χ² / ndf 1.653e+05 / 8
Constant 6.155e+05 ± 793
Mean 0.2667 ± 0.0009
Sigma 1.049 ± 0.001
ADC-ped

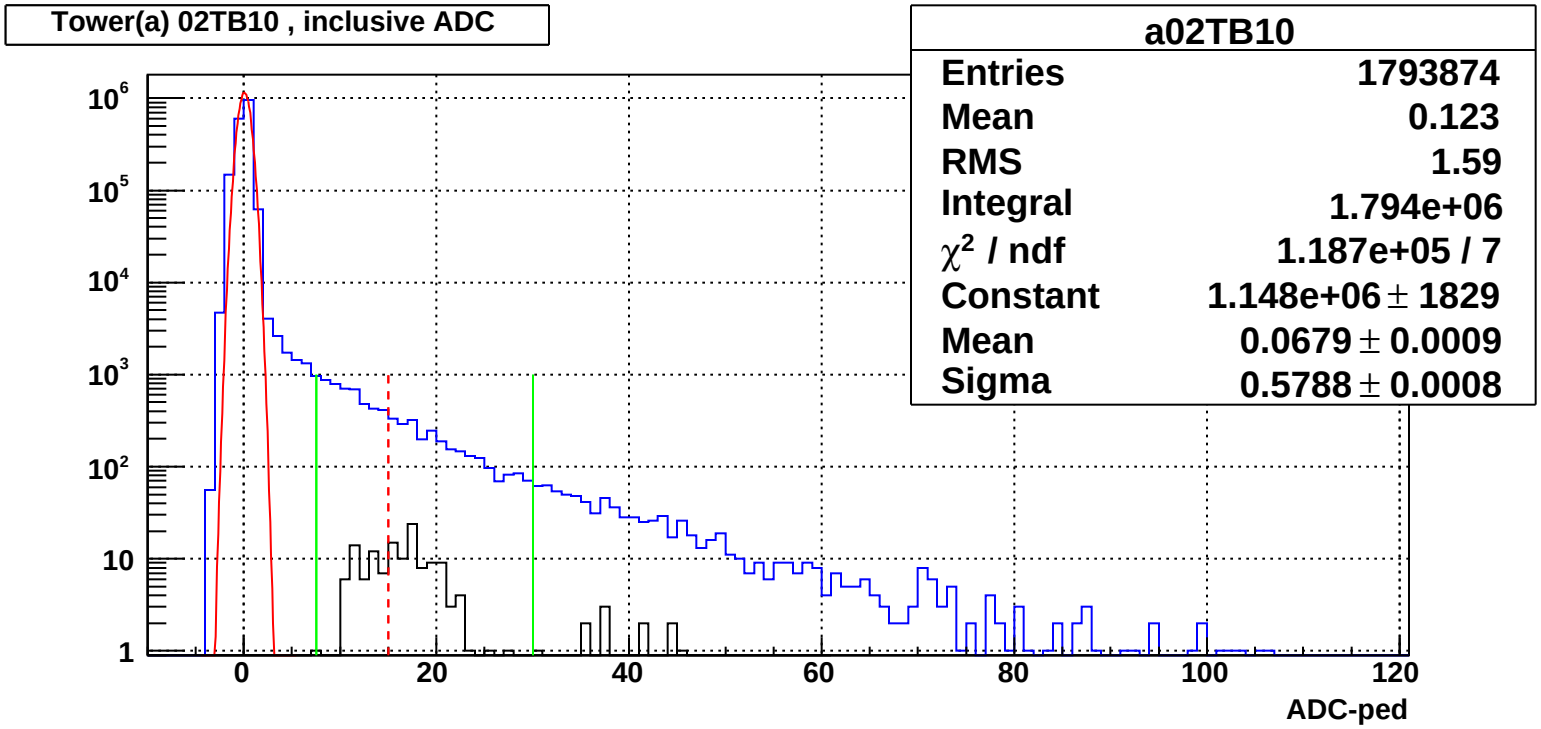

Tower(d) 01TD10 , ADC, tag: UxV 2*thr
d01TD10
Entries 145
Mean 19.81
RMS 8.774
Integral 143
χ² / ndf 9.741 / 19
x0 16.94 ± 0.37
aL 12.78 ± 1.05
sigL 8.455e+04 ± 1
sigG 2.874 ± 0.256
ADC-ped

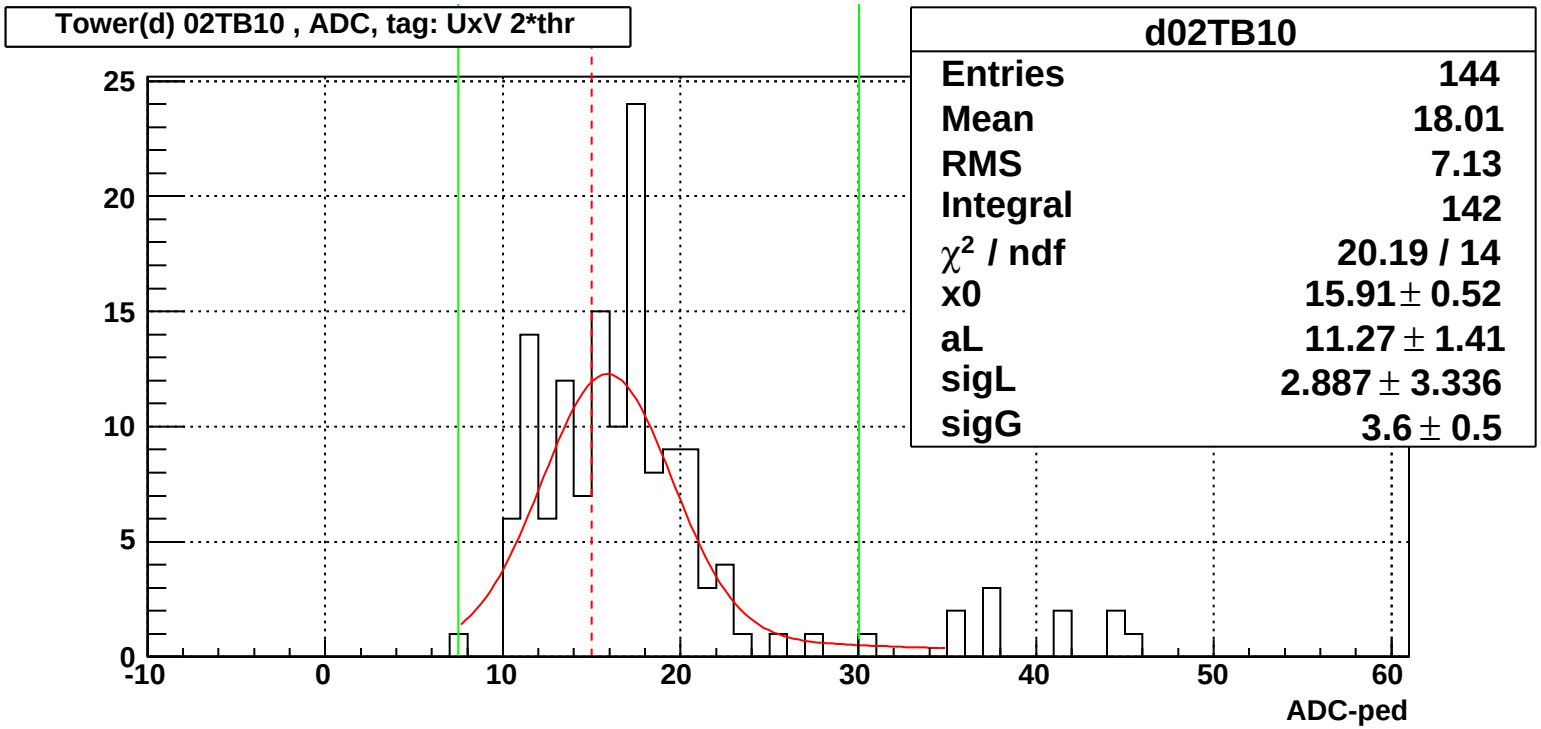

Tower(a) 01TE10 , inclusive ADC
a01TE10
Entries 1793874
Mean 0.08666
RMS 1.712
Integral 1.794e+06
χ² / ndf 1.455e+05 / 8
Constant 8.277e+05 ± 1007
Mean -0.02319 ± 0.00083
Sigma 0.7894 ± 0.0007
ADC-ped

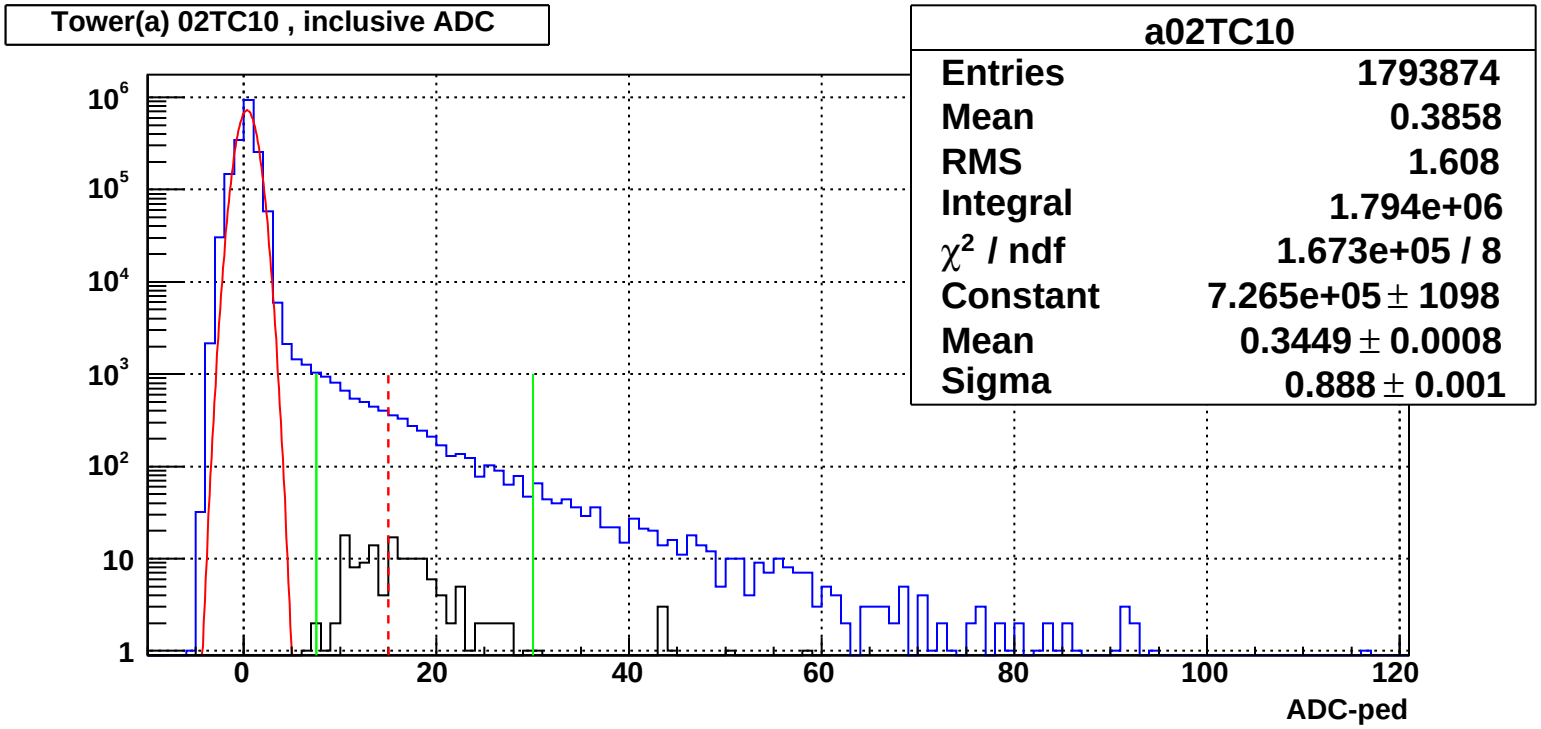

Tower(d) 01TE10 , ADC, tag: UxV 2*thr
d01TE10
Entries 120
Mean 19.37
RMS 6.218
Integral 120
χ² / ndf 14.15 / 16
x0 17 ± 0.4
aL 11.69 ± 1.99
sigL 8.828e+04 ± 1.0
sigG 2.673 ± 0.471
ADC-ped

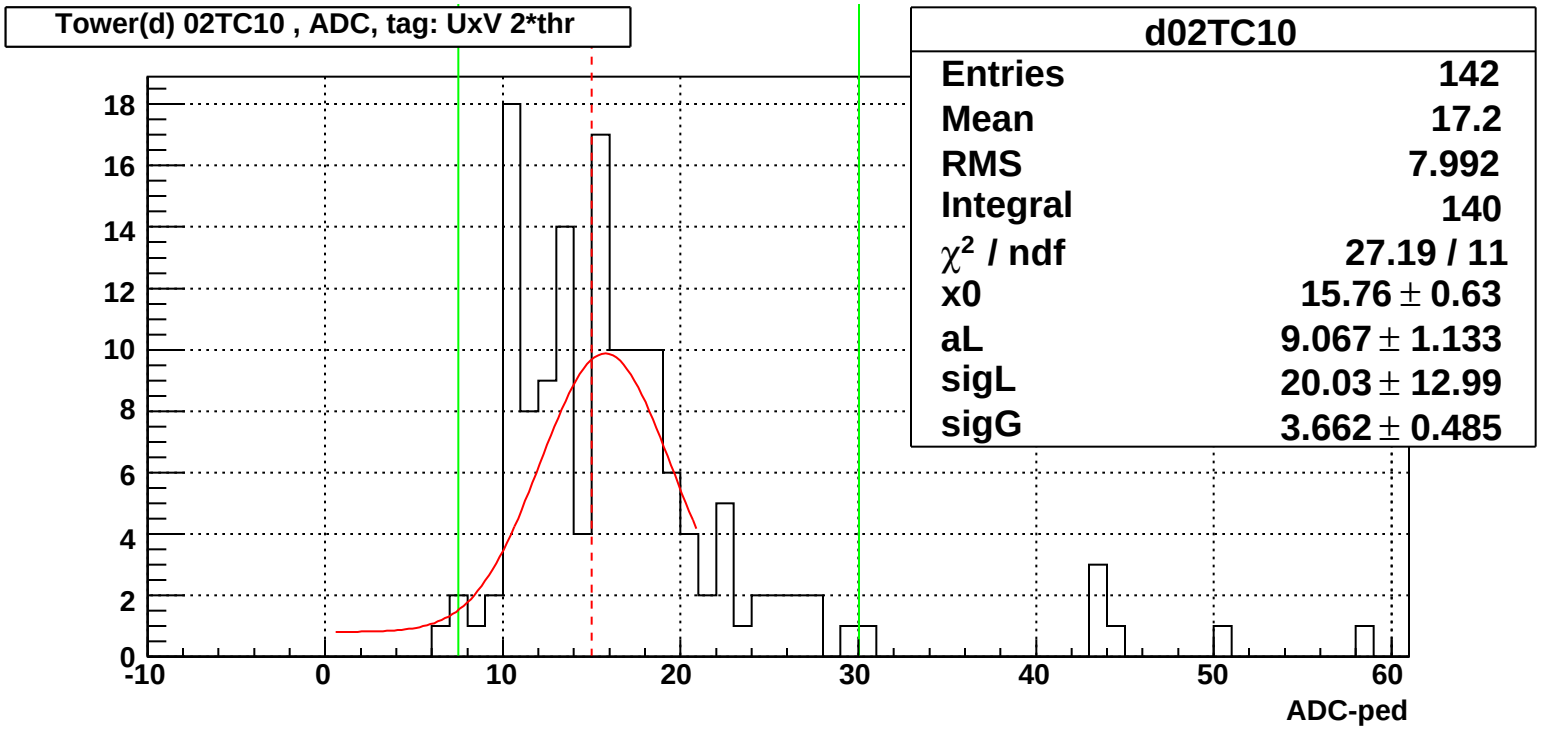

Tower(a) 02TA10 , inclusive ADC
a02TA10
Entries 1793874
Mean 0.06608
RMS 1.808
Integral 1.794e+06
χ² / ndf 1.629e+05 / 8
Constant 9.18e+05 ± 1220
Mean -0.03692 ± 0.00091
Sigma 0.7039 ± 0.0008
ADC-ped

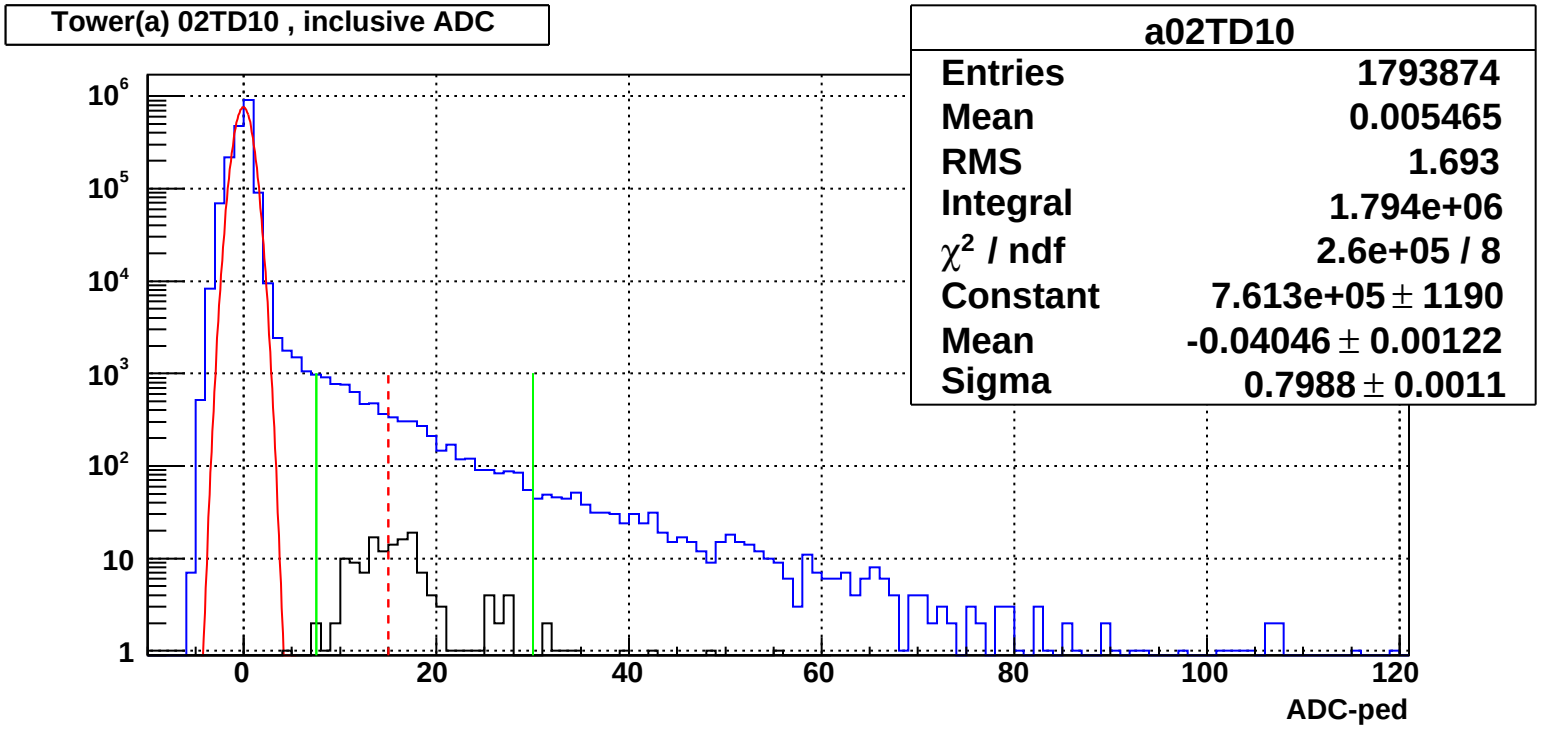

Tower(d) 02TA10 , ADC, tag: UxV 2*thr
d02TA10
Entries 151
Mean 20.57
RMS 6.483
Integral 150
χ² / ndf 28.74 / 22
x0 18.02 ± 0.55
aL 9.904 ± 1.251
sigL 3.89e+04 ± 26759
sigG 3.893 ± 0.504
ADC-ped

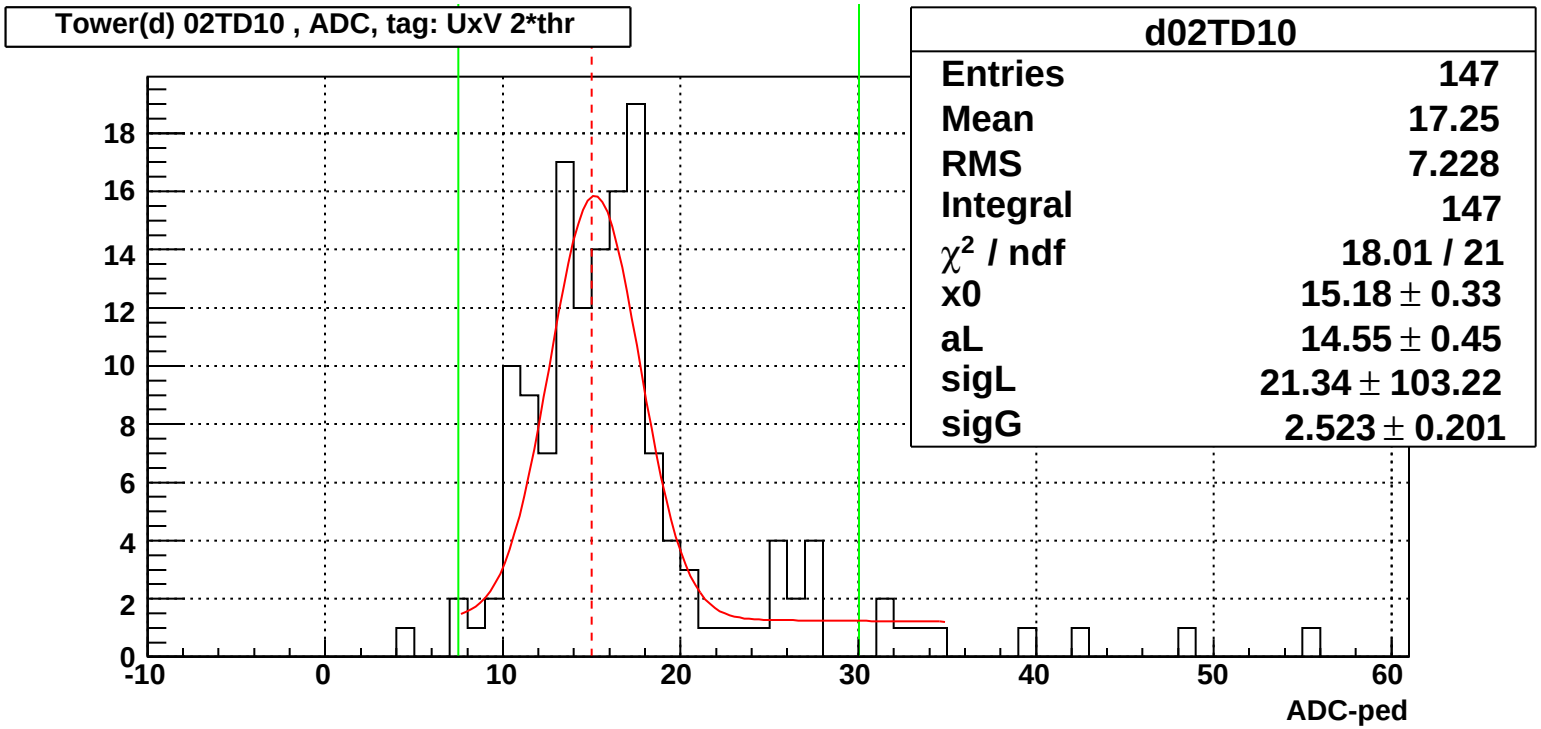

Tower(a) 02TB10 , inclusive ADC
a02TB10
Entries 1793874
Mean 0.123
RMS 1.59
Integral 1.794e+06
χ² / ndf 1.187e+05 / 7
Constant 1.148e+06 ± 1829
Mean 0.0679 ± 0.0009
Sigma 0.5788 ± 0.0008
ADC-ped

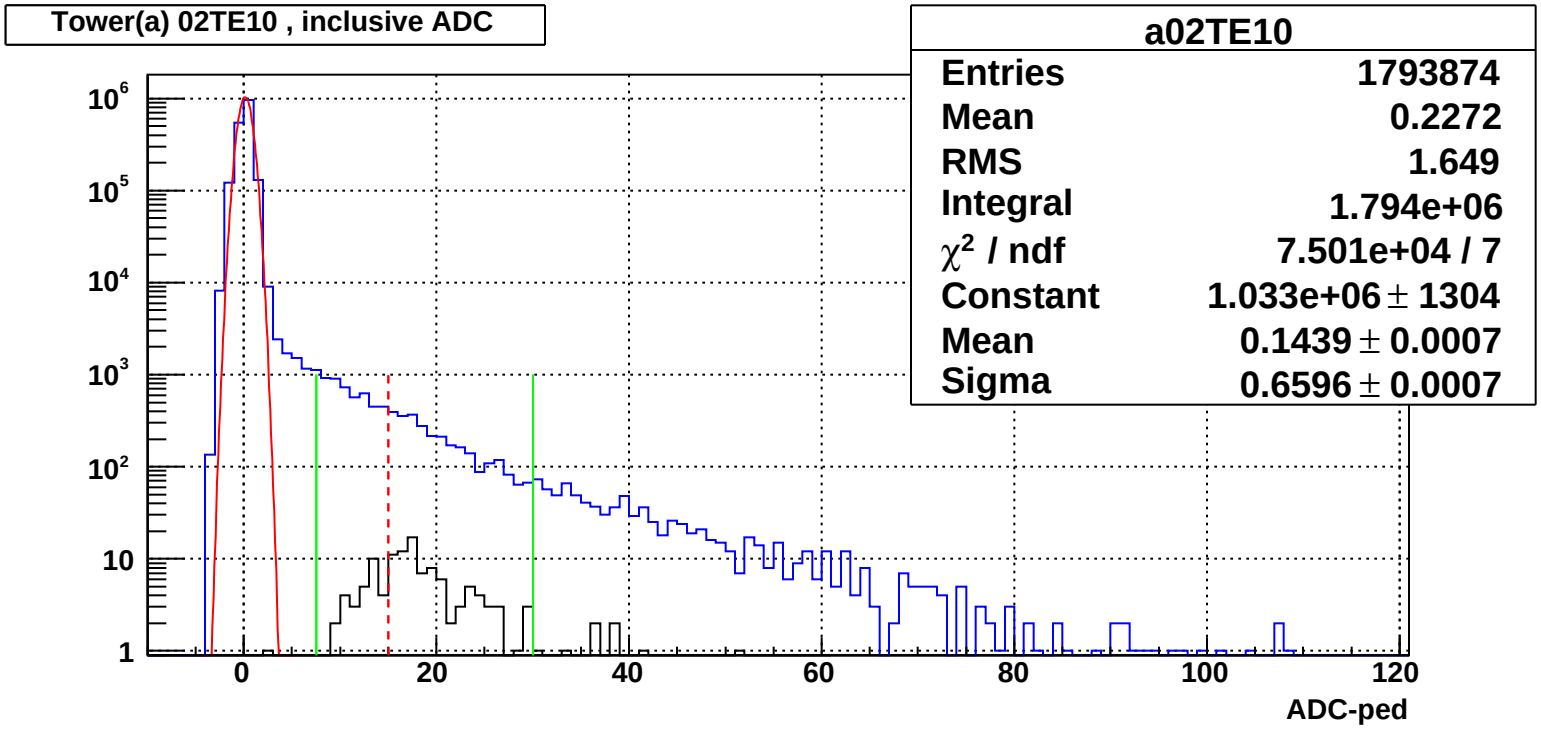

Tower(d) 02TB10 , ADC, tag: UxV 2*thr
d02TB10
Entries 144
Mean 18.01
RMS 7.13
Integral 142
χ² / ndf 20.19 / 14
x0 15.91 ± 0.52
aL 11.27 ± 1.41
sigL 2.887 ± 3.336
sigG 3.6 ± 0.5
ADC-ped

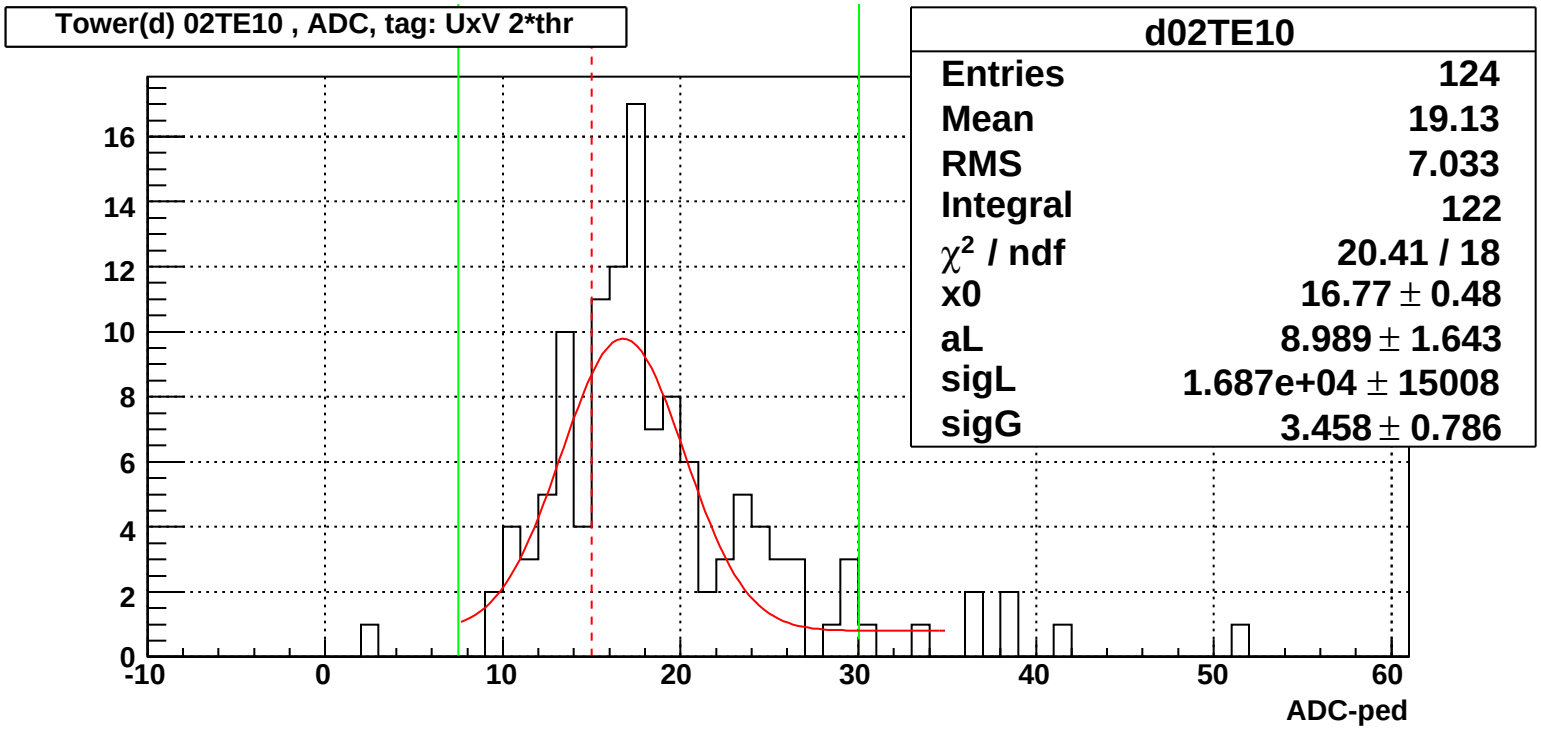

Tower(a) 02TC10 , inclusive ADC
a02TC10
Entries 1793874
Mean 0.3858
RMS 1.608
Integral 1.794e+06
χ² / ndf 1.673e+05 / 8
Constant 7.265e+05 ± 1098
Mean 0.3449 ± 0.0008
Sigma 0.888 ± 0.001
ADC-ped

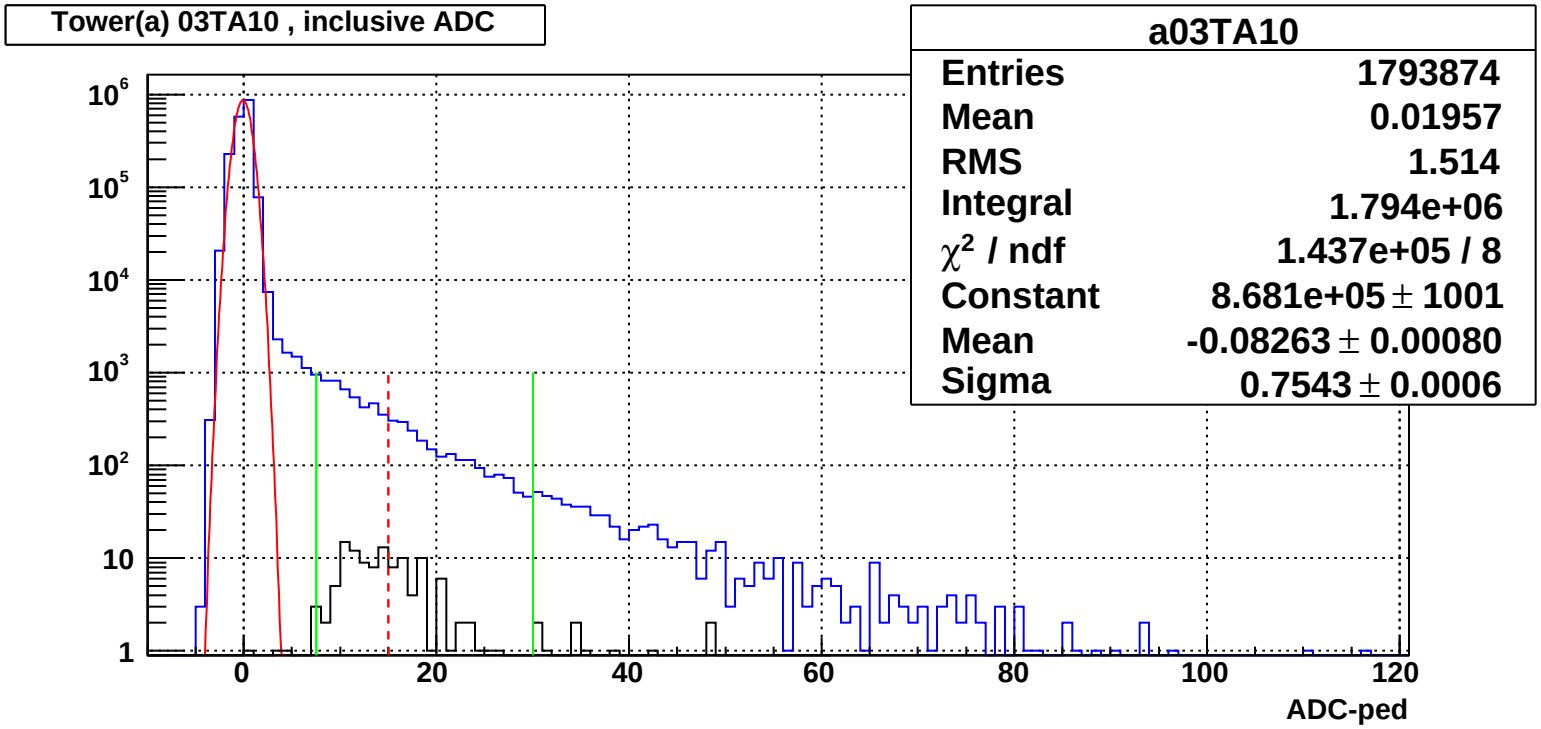

Tower(d) 02TC10 , ADC, tag: UxV 2*thr
d02TC10
Entries 142
Mean 17.2
RMS 7.992
Integral 140
χ² / ndf 27.19 / 11
x0 15.76 ± 0.63
aL 9.067 ± 1.133
sigL 20.03 ± 12.99
sigG 3.662 ± 0.485
ADC-ped

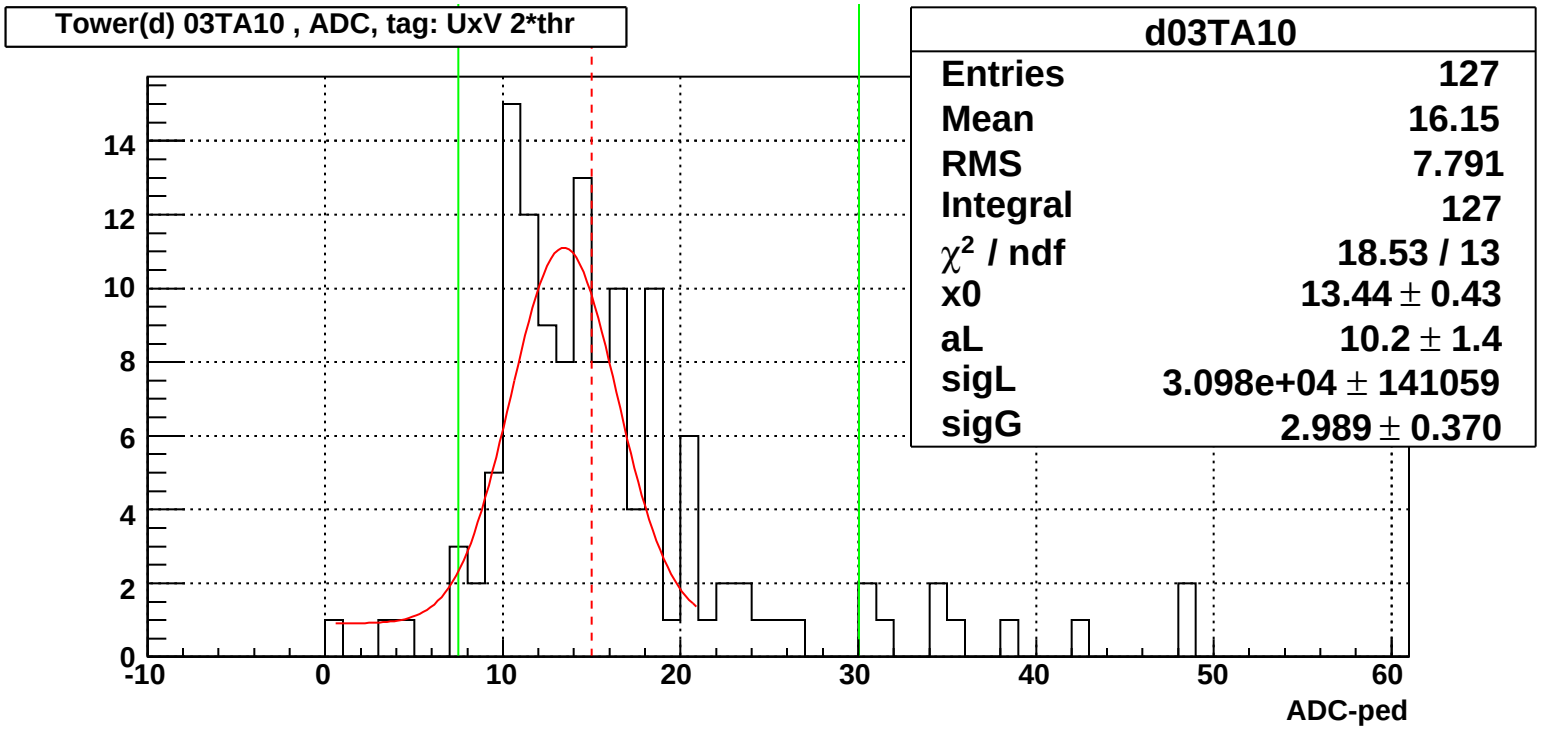

Tower(a) 02TD10 , inclusive ADC
a02TD10
Entries 1793874
Mean 0.005465
RMS 1.693
Integral 1.794e+06
χ² / ndf 2.6e+05 / 8
Constant 7.613e+05 ± 1190
Mean -0.04046 ± 0.00122
Sigma 0.7988 ± 0.0011
ADC-ped

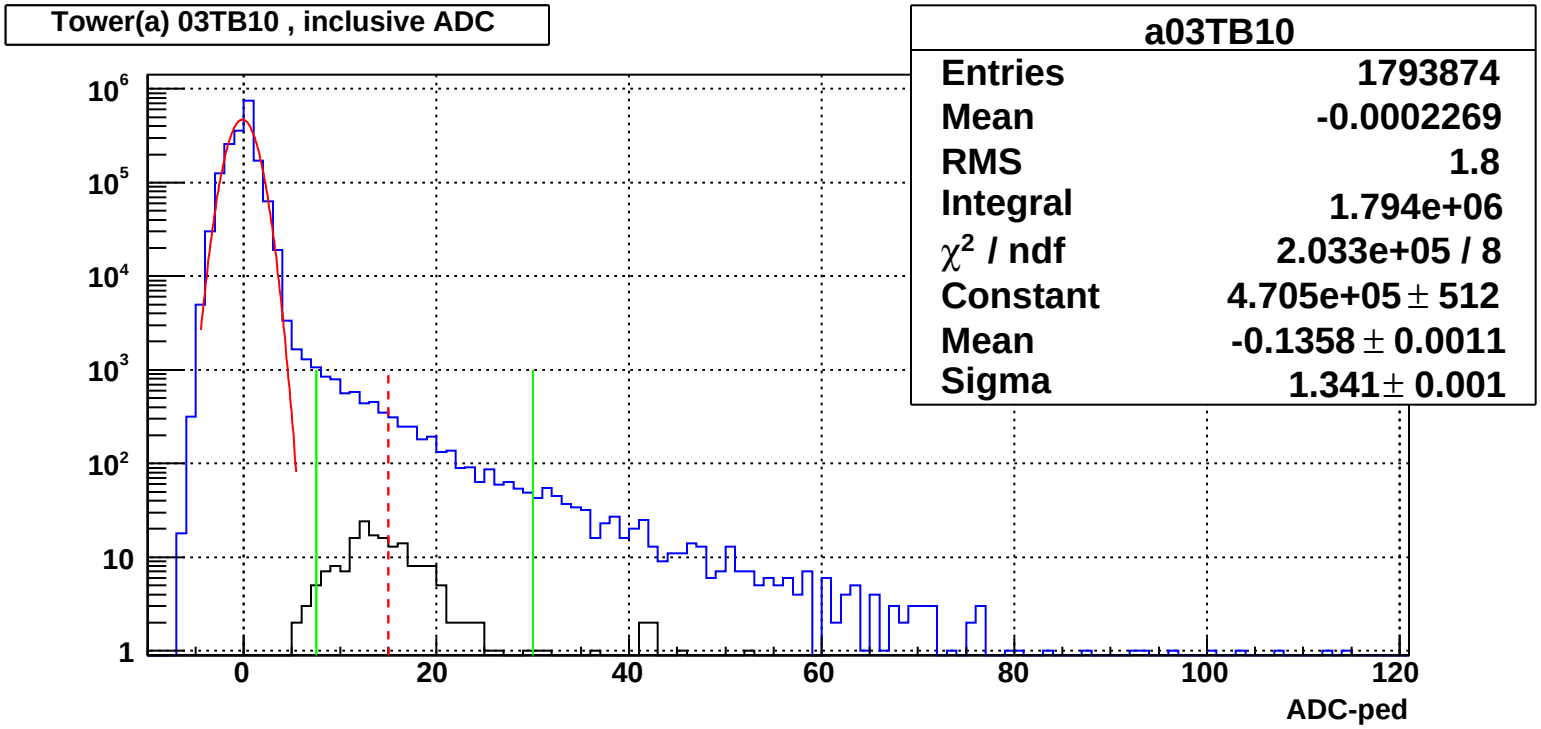

Tower(d) 02TD10 , ADC, tag: UxV 2*thr
d02TD10
Entries 147
Mean 17.25
RMS 7.228
Integral 147
χ² / ndf 18.01 / 21
x0 15.18 ± 0.33
aL 14.55 ± 0.45
sigL 21.34 ± 103.22
sigG 2.523 ± 0.201
ADC-ped

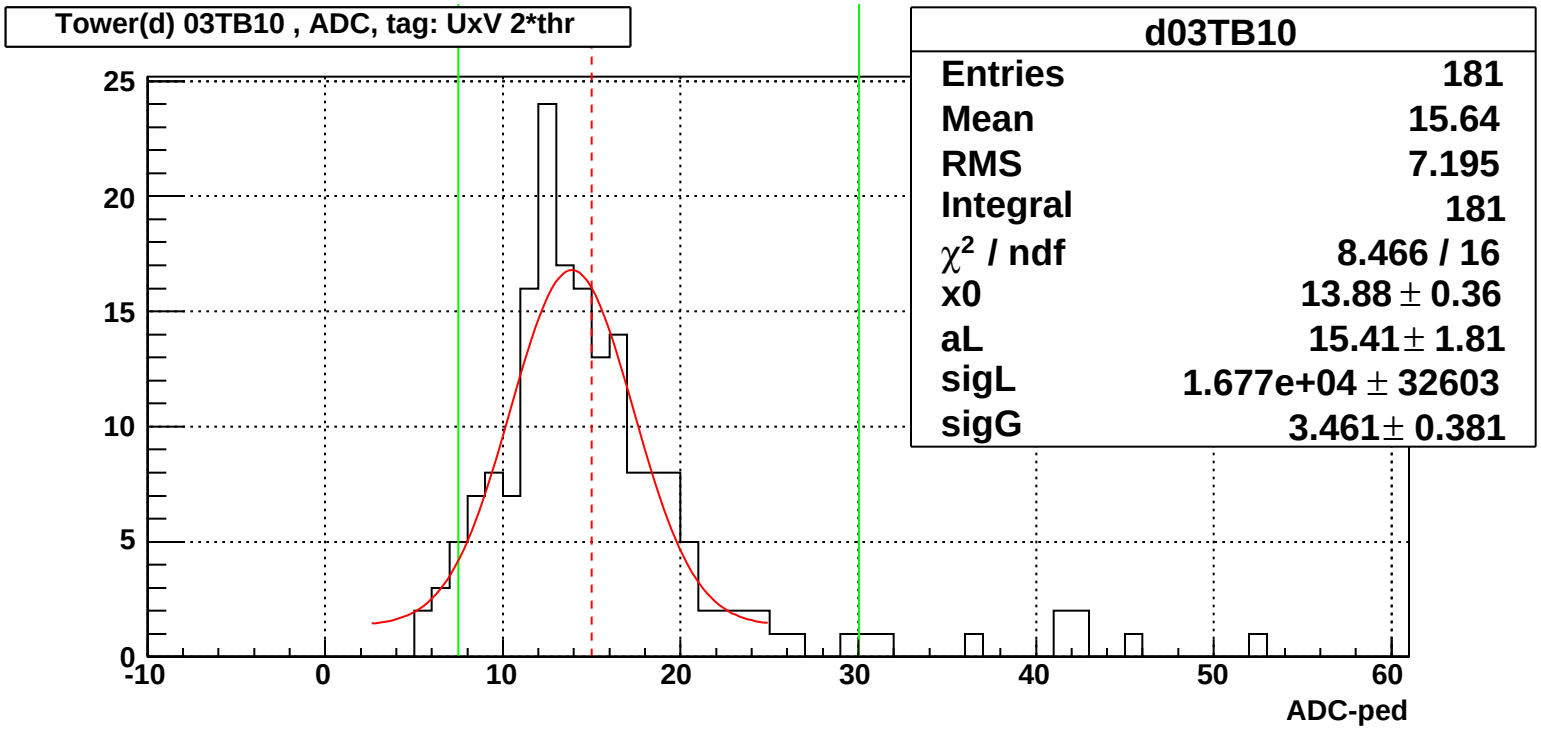

Tower(a) 02TE10 , inclusive ADC
a02TE10
Entries 1793874
Mean 0.2272
RMS 1.649
Integral 1.794e+06
χ² / ndf 7.501e+04 / 7
Constant 1.033e+06 ± 1304
Mean 0.1439 ± 0.0007
Sigma 0.6596 ± 0.0007
ADC-ped

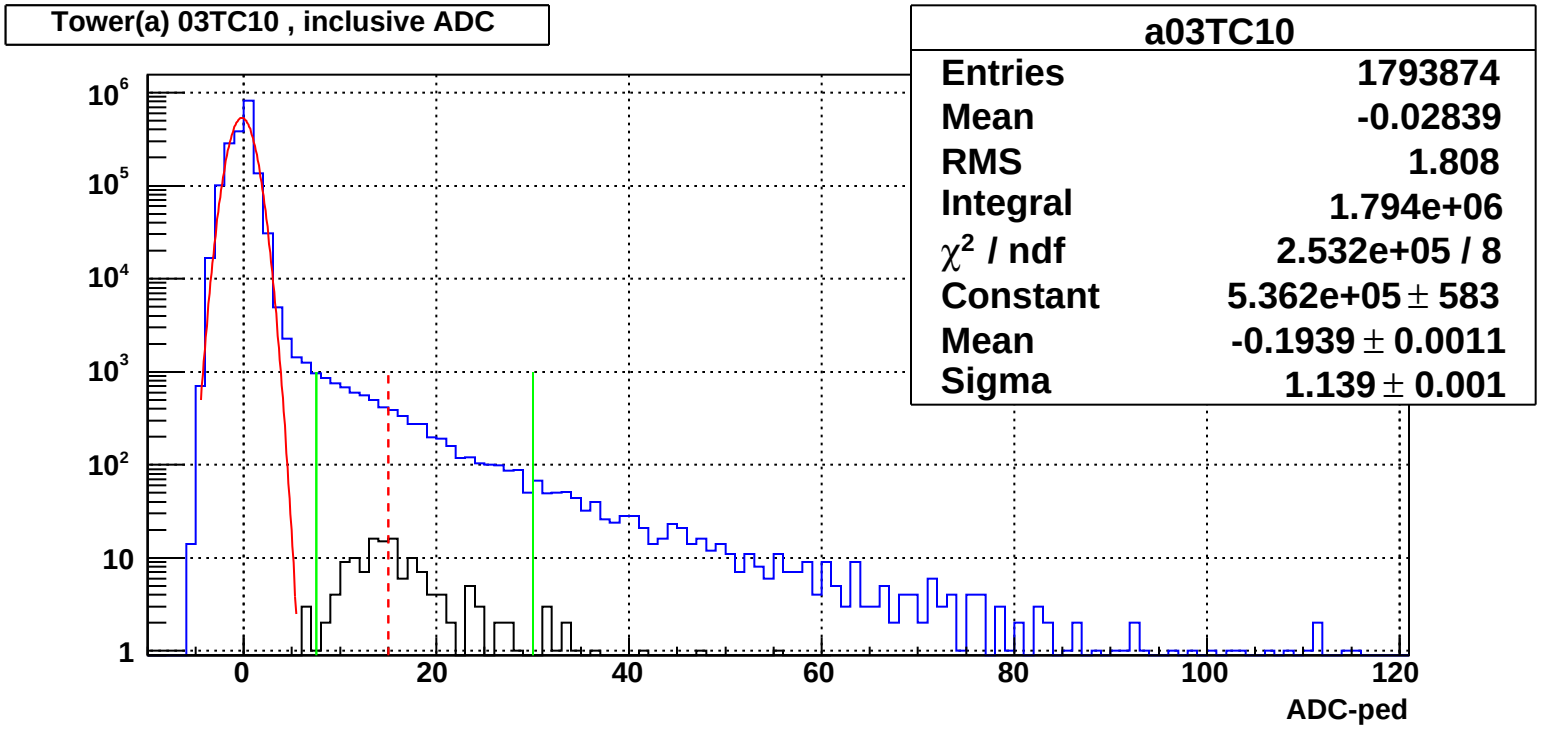

Tower(d) 02TE10 , ADC, tag: UxV 2*thr
d02TE10
Entries 124
Mean 19.13
RMS 7.033
Integral 122
χ² / ndf 20.41 / 18
x0 16.77 ± 0.48
aL 8.989 ± 1.643
sigL 1.687e+04 ± 15008
sigG 3.458 ± 0.786
ADC-ped

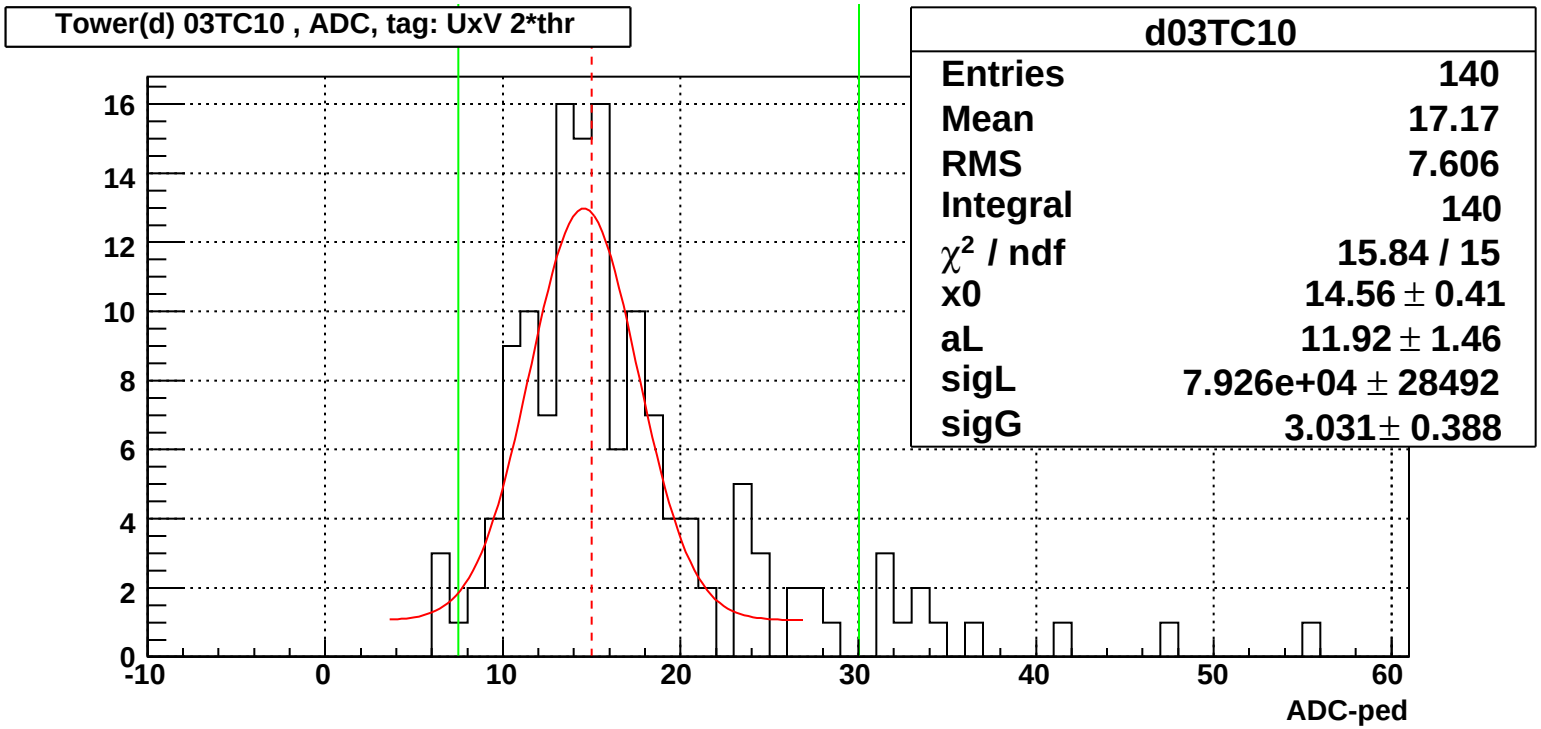

Tower(a) 03TA10 , inclusive ADC
a03TA10
Entries 1793874
Mean 0.01957
RMS 1.514
Integral 1.794e+06
χ² / ndf 1.437e+05 / 8
Constant 8.681e+05 ± 1001
Mean -0.08263 ± 0.00080
Sigma 0.7543 ± 0.0006
ADC-ped

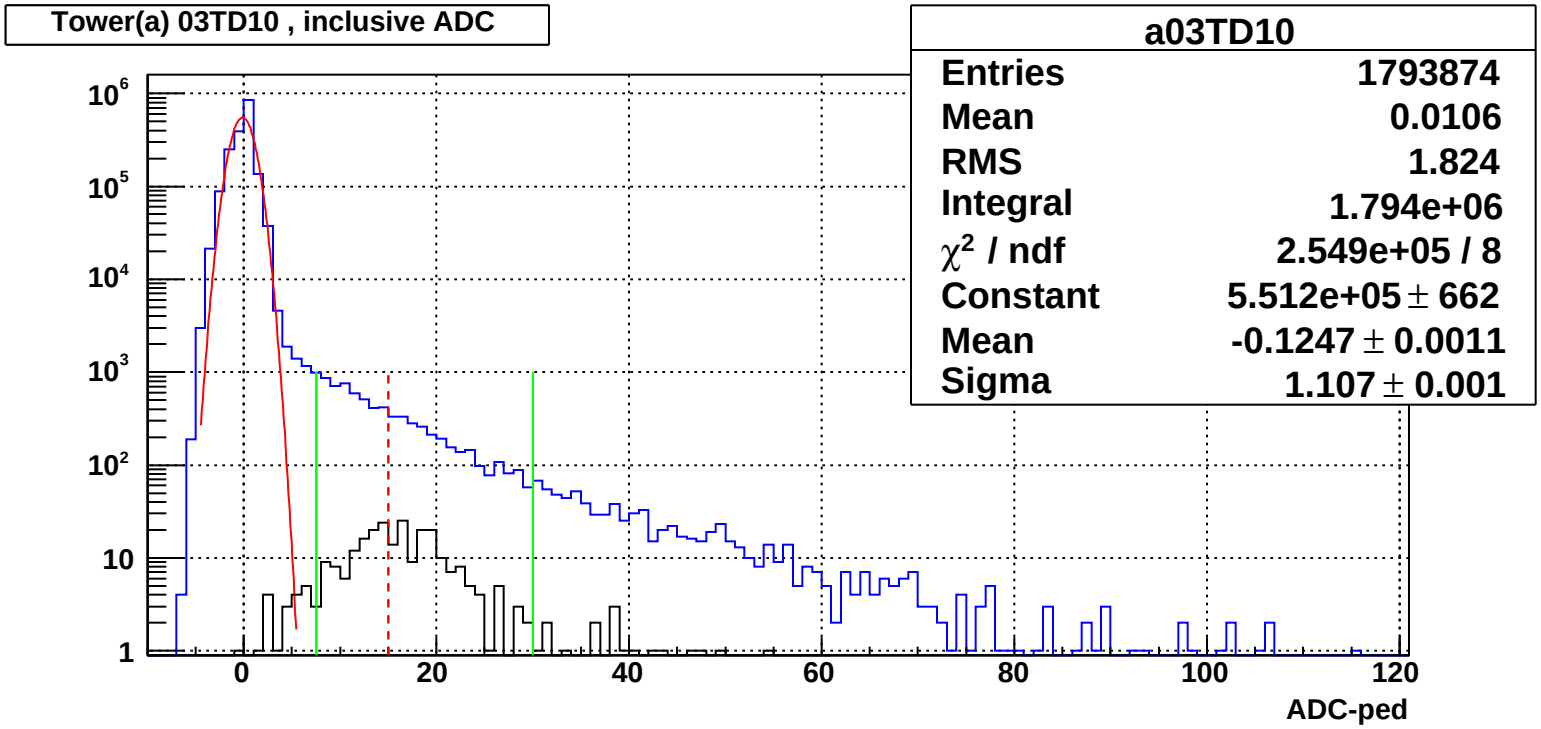

Tower(d) 03TA10 , ADC, tag: UxV 2*thr
d03TA10
Entries 127
Mean 16.15
RMS 7.791
Integral 127
χ² / ndf 18.53 / 13
x0 13.44 ± 0.43
aL 10.2 ± 1.4
sigL 3.098e+04 ± 141059
sigG 2.989 ± 0.370
ADC-ped

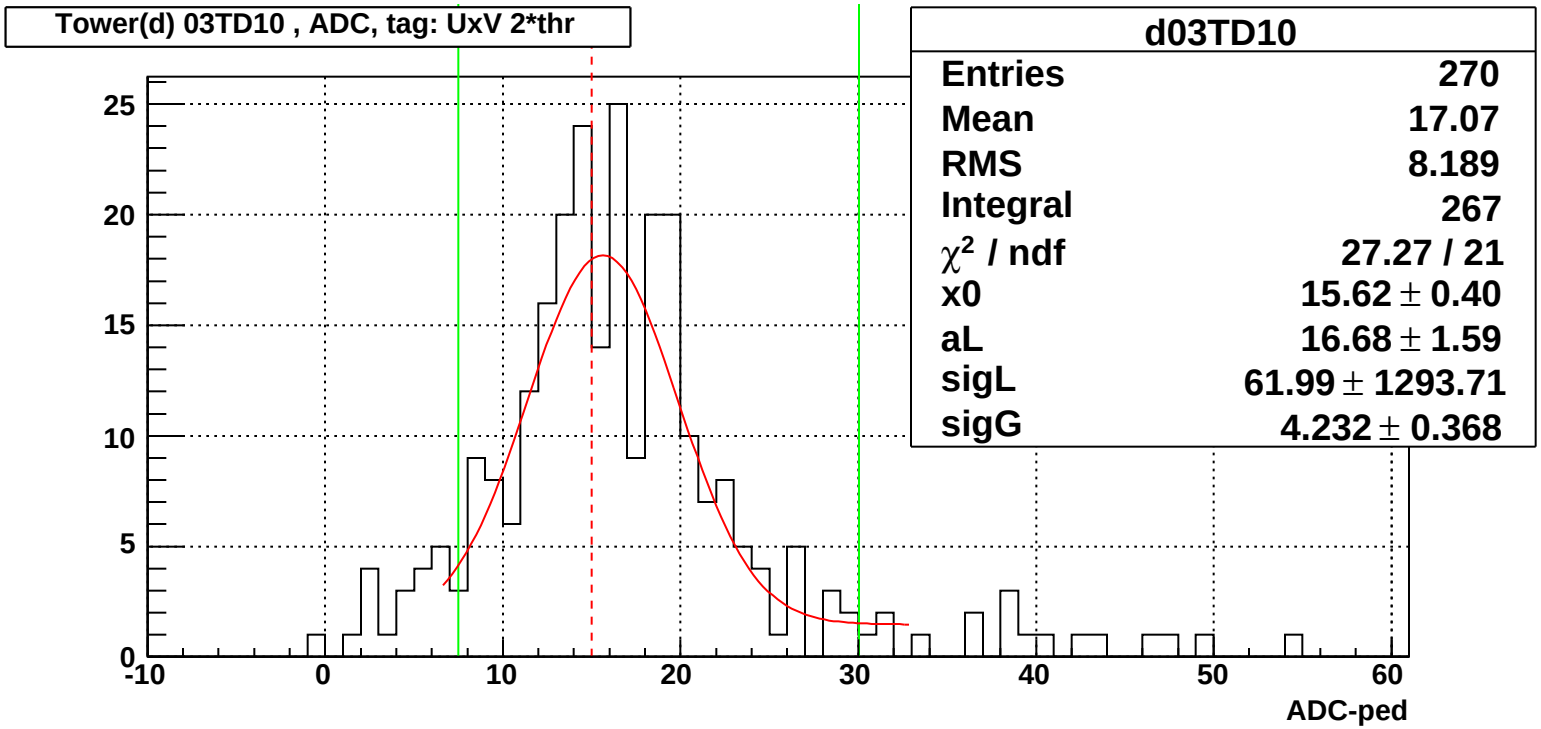

Tower(a) 03TB10 , inclusive ADC
a03TB10
Entries 1793874
Mean -0.0002269
RMS 1.8
Integral 1.794e+06
χ² / ndf 2.033e+05 / 8
Constant 4.705e+05 ± 512
Mean -0.1358 ± 0.0011
Sigma 1.341 ± 0.001
ADC-ped

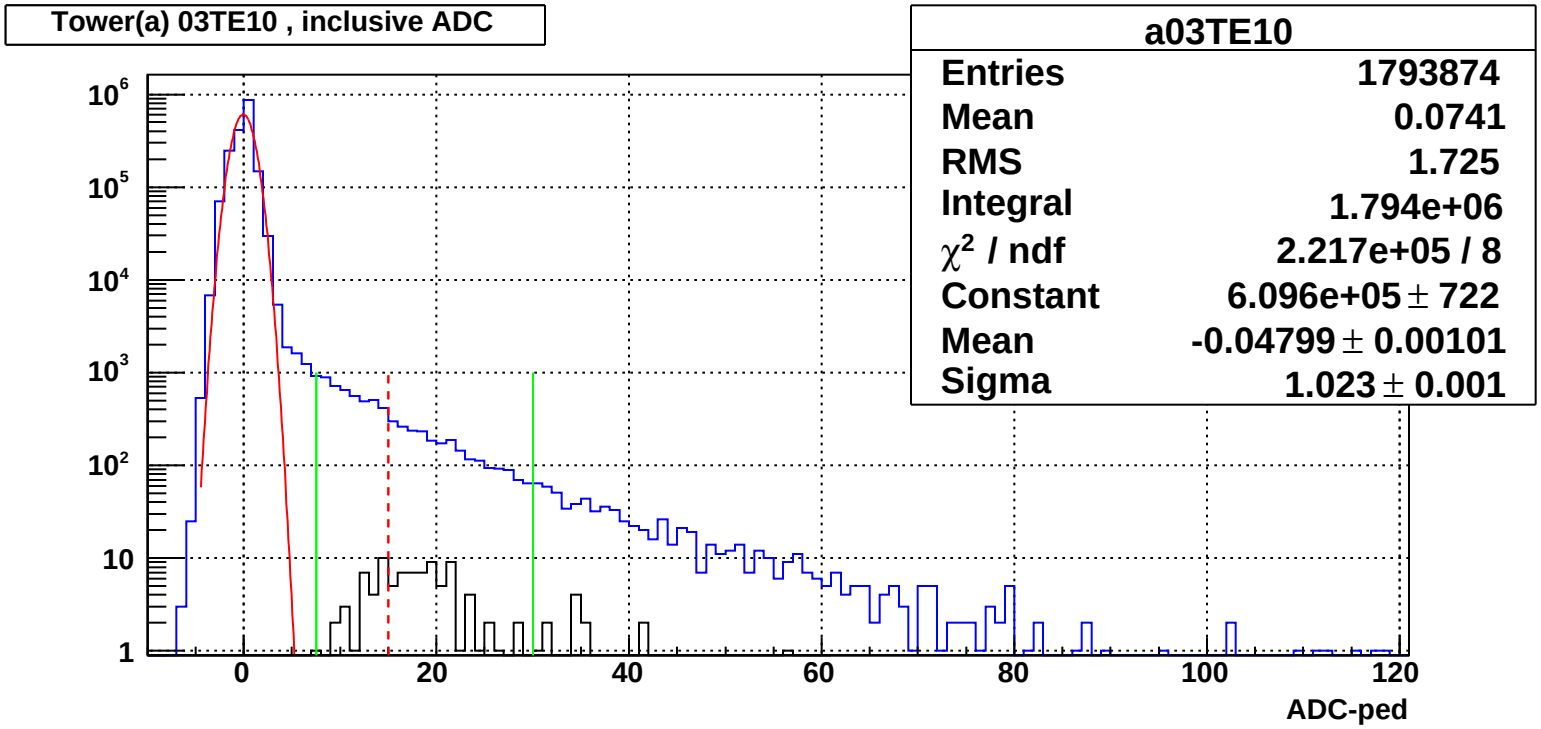

Tower(d) 03TB10 , ADC, tag: UxV 2*thr
d03TB10
Entries 181
Mean 15.64
RMS 7.195
Integral 181
χ² / ndf 8.466 / 16
x0 13.88 ± 0.36
aL 15.41 ± 1.81
sigL 1.677e+04 ± 32603
sigG 3.461 ± 0.381
ADC-ped

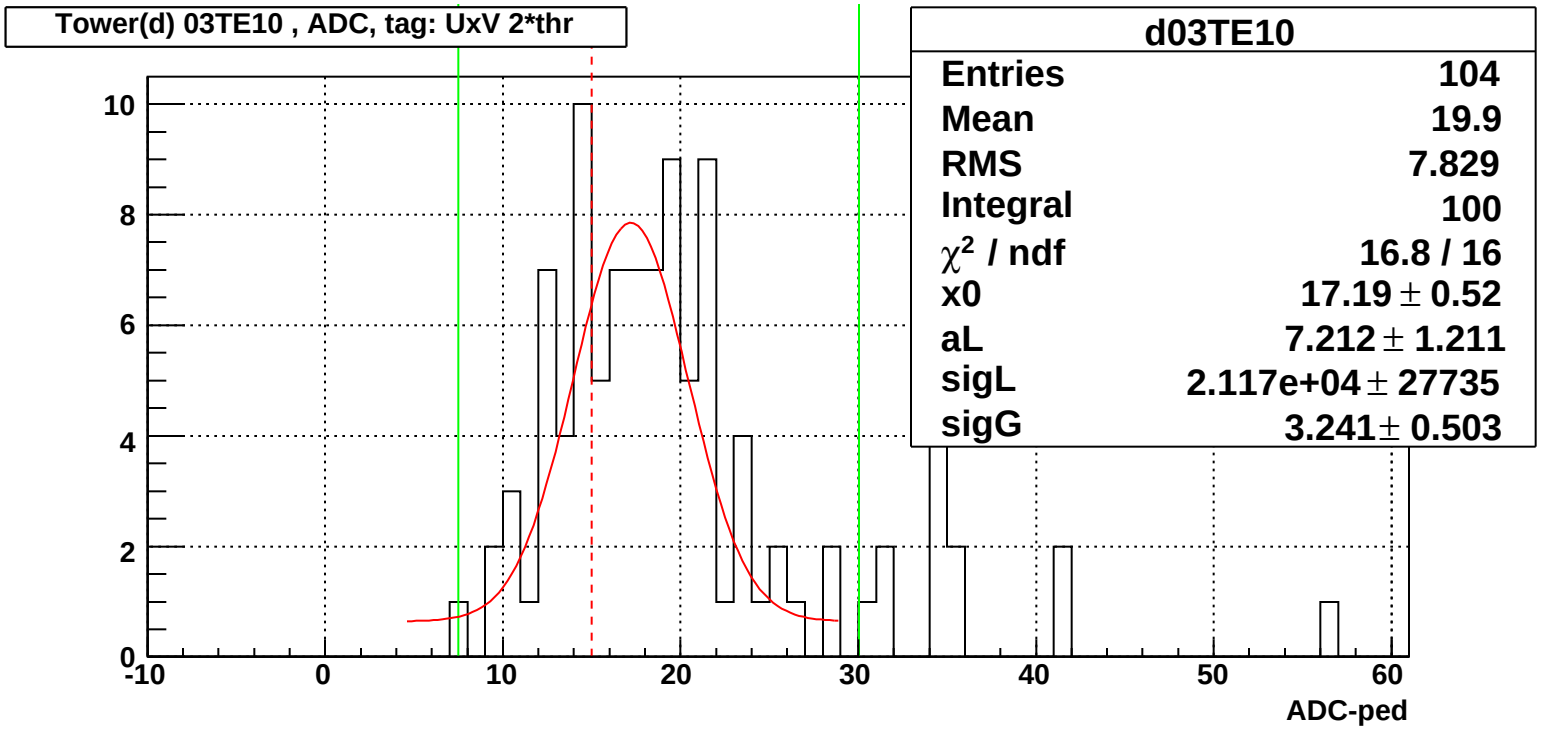

Tower(a) 03TC10 , inclusive ADC
a03TC10
Entries 1793874
Mean -0.02839
RMS 1.808
Integral 1.794e+06
χ² / ndf 2.532e+05 / 8
Constant 5.362e+05 ± 583
Mean -0.1939 ± 0.0011
Sigma 1.139 ± 0.001
ADC-ped

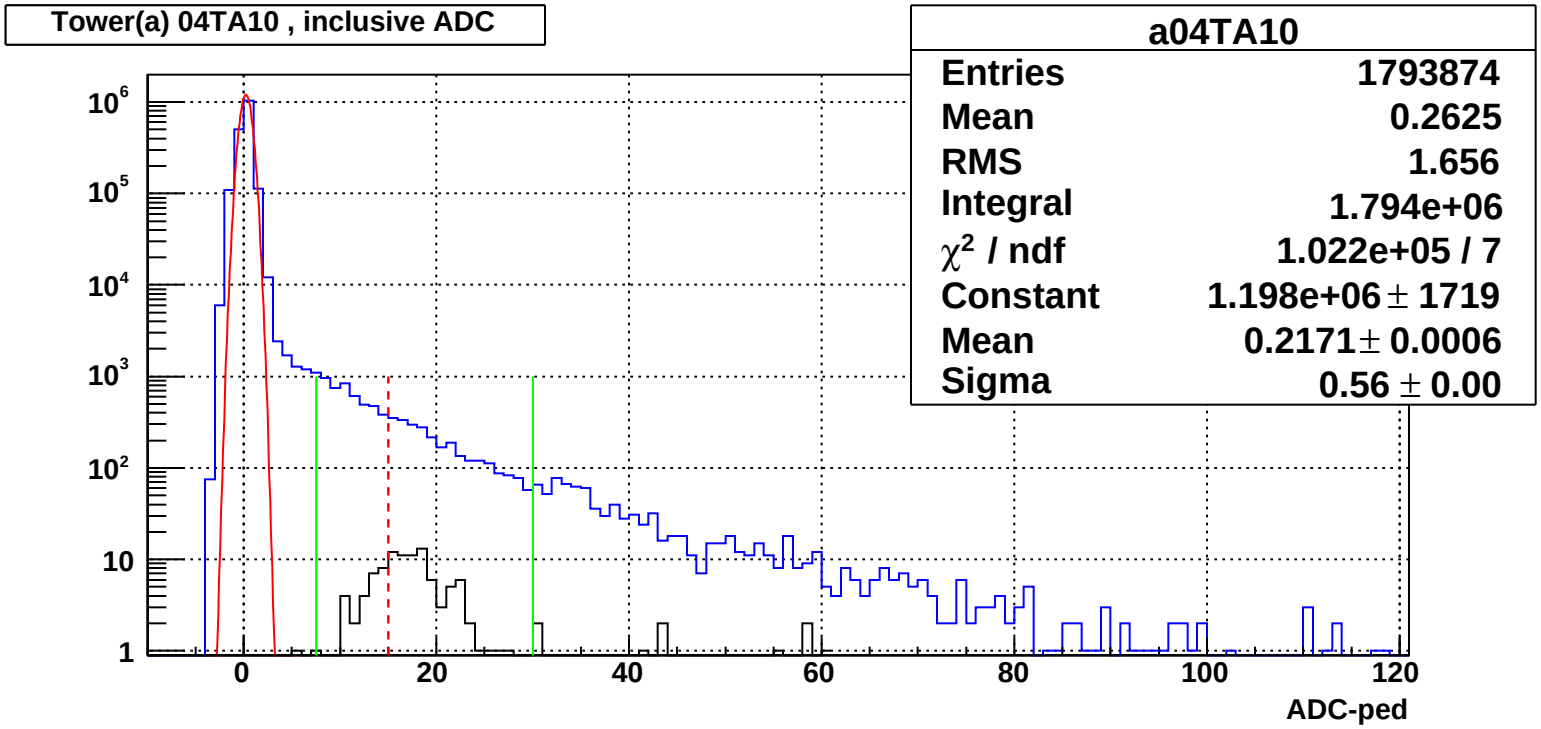

Tower(d) 03TC10 , ADC, tag: UxV 2*thr
d03TC10
Entries 140
Mean 17.17
RMS 7.606
Integral 140
χ² / ndf 15.84 / 15
x0 14.56 ± 0.41
aL 11.92 ± 1.46
sigL 7.926e+04 ± 28492
sigG 3.031 ± 0.388
ADC-ped

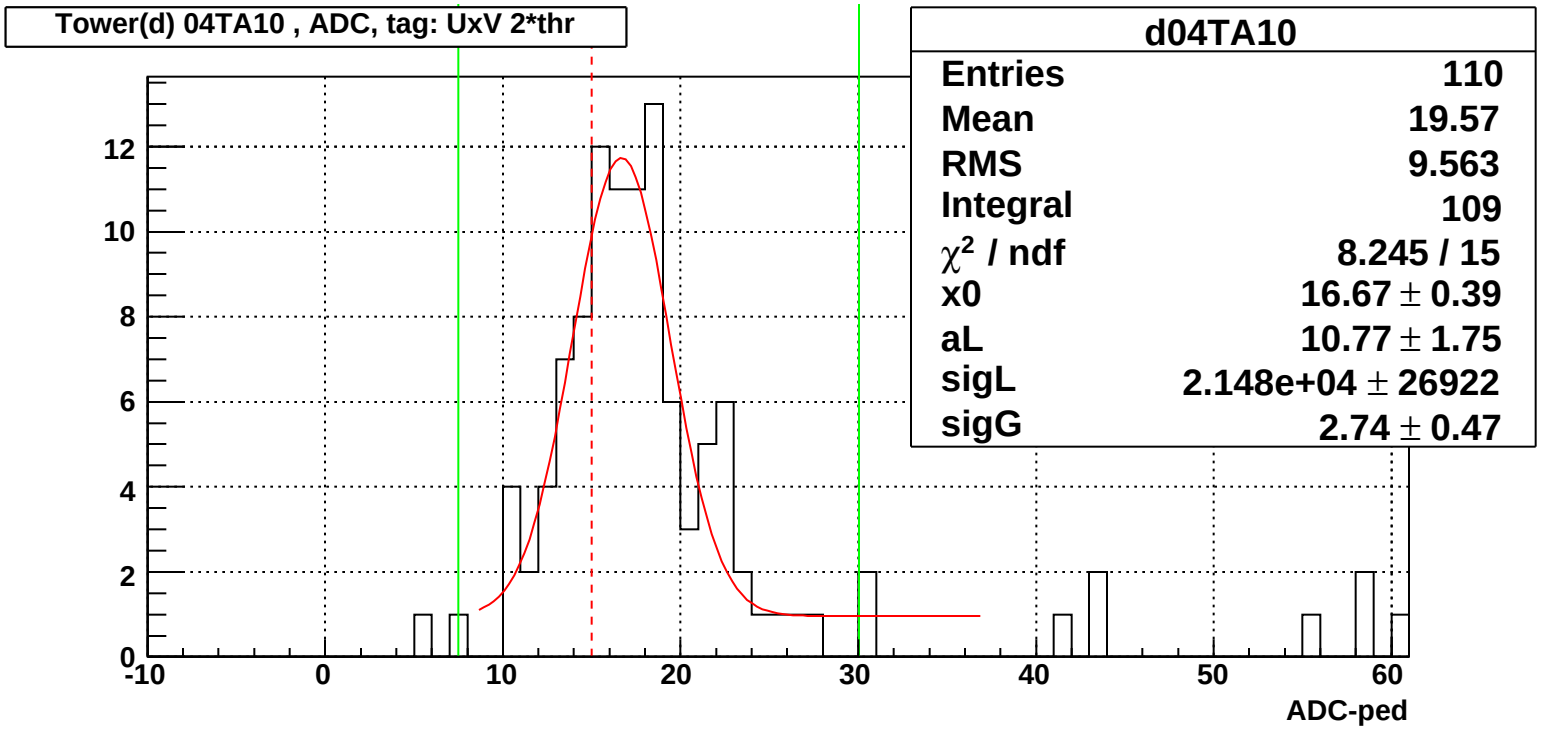

Tower(a) 03TD10 , inclusive ADC
a03TD10
Entries 1793874
Mean 0.0106
RMS 1.824
Integral 1.794e+06
χ² / ndf 2.549e+05 / 8
Constant 5.512e+05 ± 662
Mean -0.1247 ± 0.0011
Sigma 1.107 ± 0.001
ADC-ped

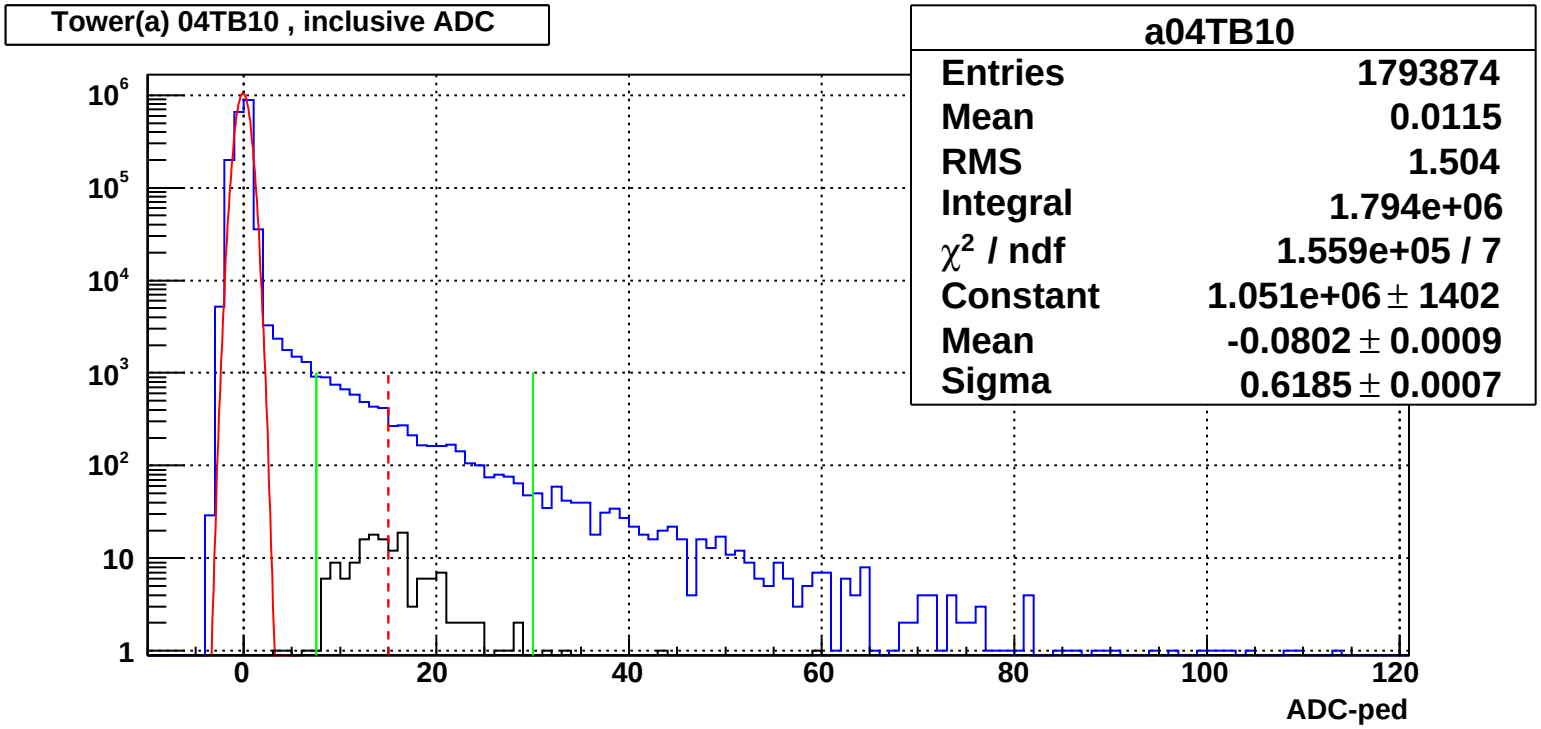

Tower(d) 03TD10 , ADC, tag: UxV 2*thr
d03TD10
Entries 270
Mean 17.07
RMS 8.189
Integral 267
χ² / ndf 27.27 / 21
x0 15.62 ± 0.40
aL 16.68 ± 1.59
sigL 61.99 ± 1293.71
sigG 4.232 ± 0.368
ADC-ped

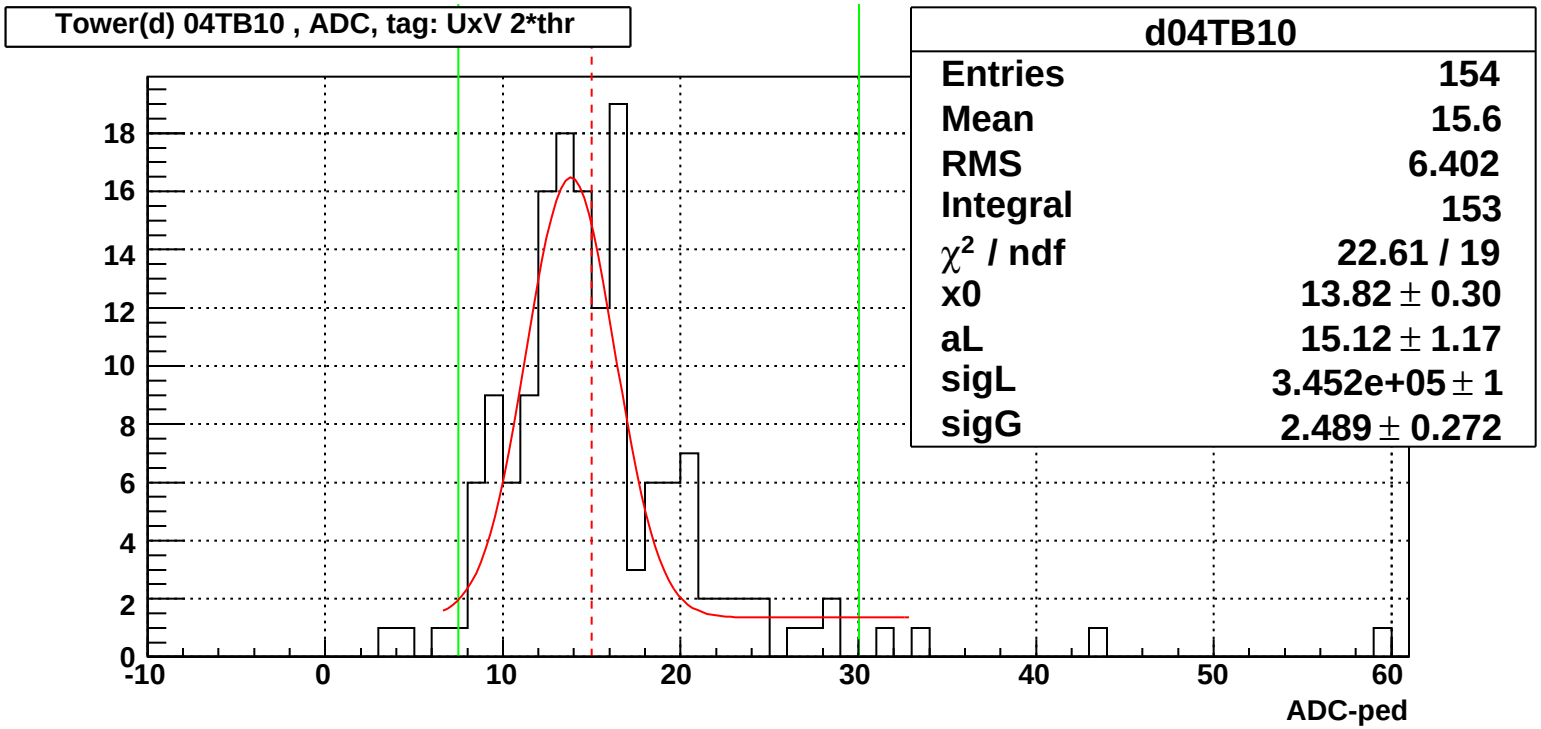

Tower(a) 03TE10 , inclusive ADC
a03TE10
Entries 1793874
Mean 0.0741
RMS 1.725
Integral 1.794e+06
χ² / ndf 2.217e+05 / 8
Constant 6.096e+05 ± 722
Mean -0.04799 ± 0.00101
Sigma 1.023 ± 0.001
ADC-ped

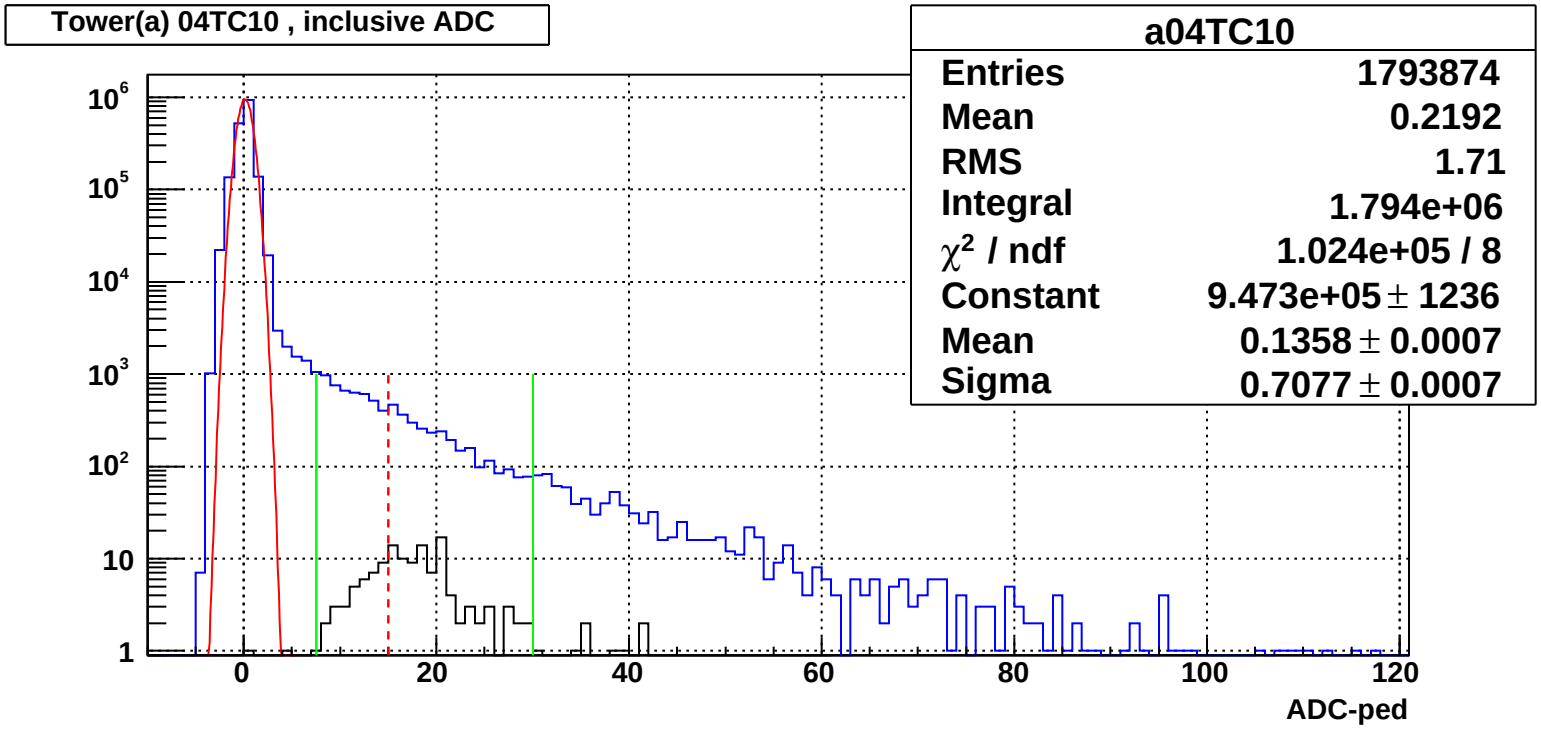

Tower(d) 03TE10 , ADC, tag: UxV 2*thr
d03TE10
Entries 104
Mean 19.9
RMS 7.829
Integral 100
χ² / ndf 16.8 / 16
x0 17.19 ± 0.52
aL 7.212 ± 1.211
sigL 2.117e+04 ± 27735
sigG 3.241 ± 0.503
ADC-ped

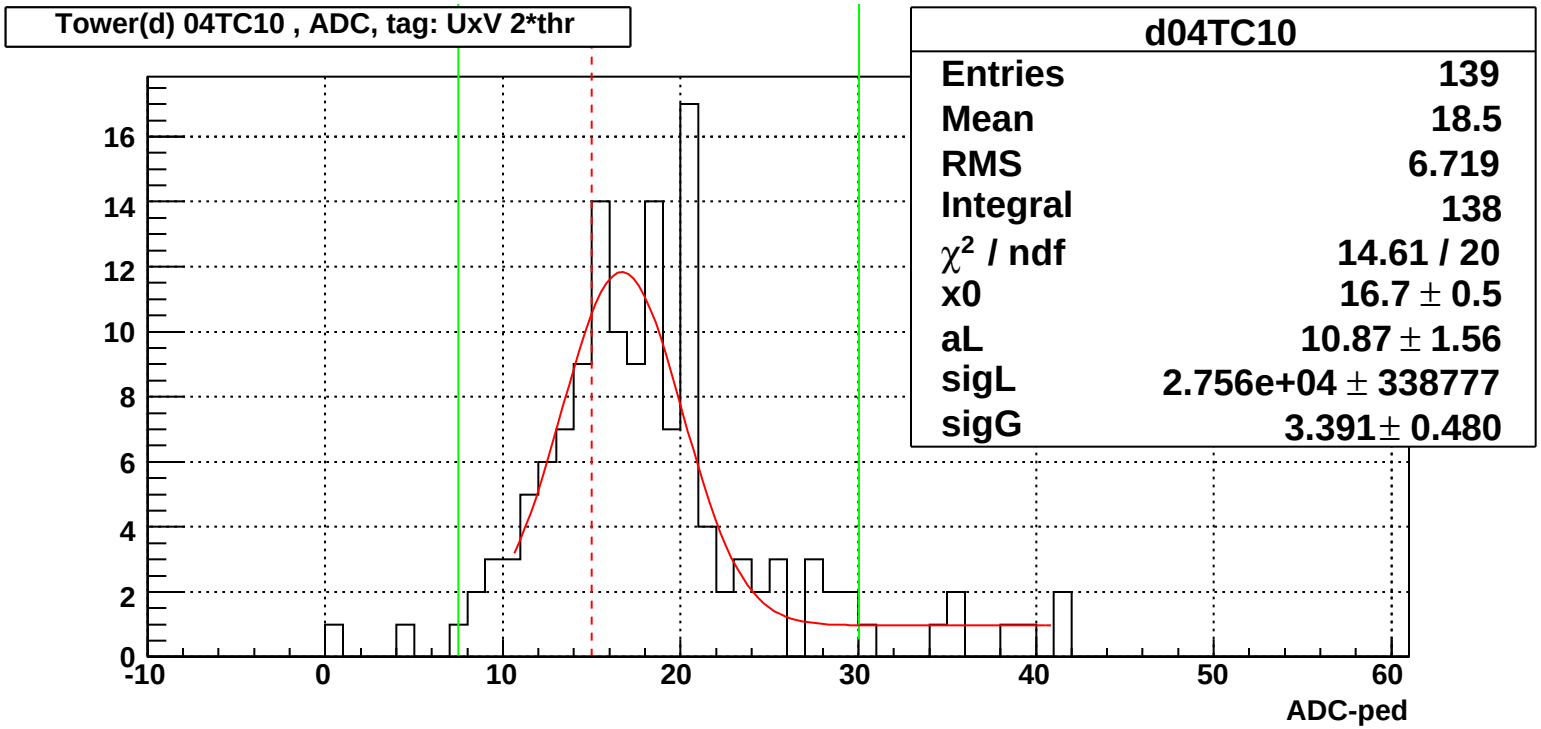

Tower(a) 04TA10 , inclusive ADC
a04TA10
Entries 1793874
Mean 0.2625
RMS 1.656
Integral 1.794e+06
χ² / ndf 1.022e+05 / 7
Constant 1.198e+06 ± 1719
Mean 0.2171 ± 0.0006
Sigma 0.56 ± 0.00
ADC-ped

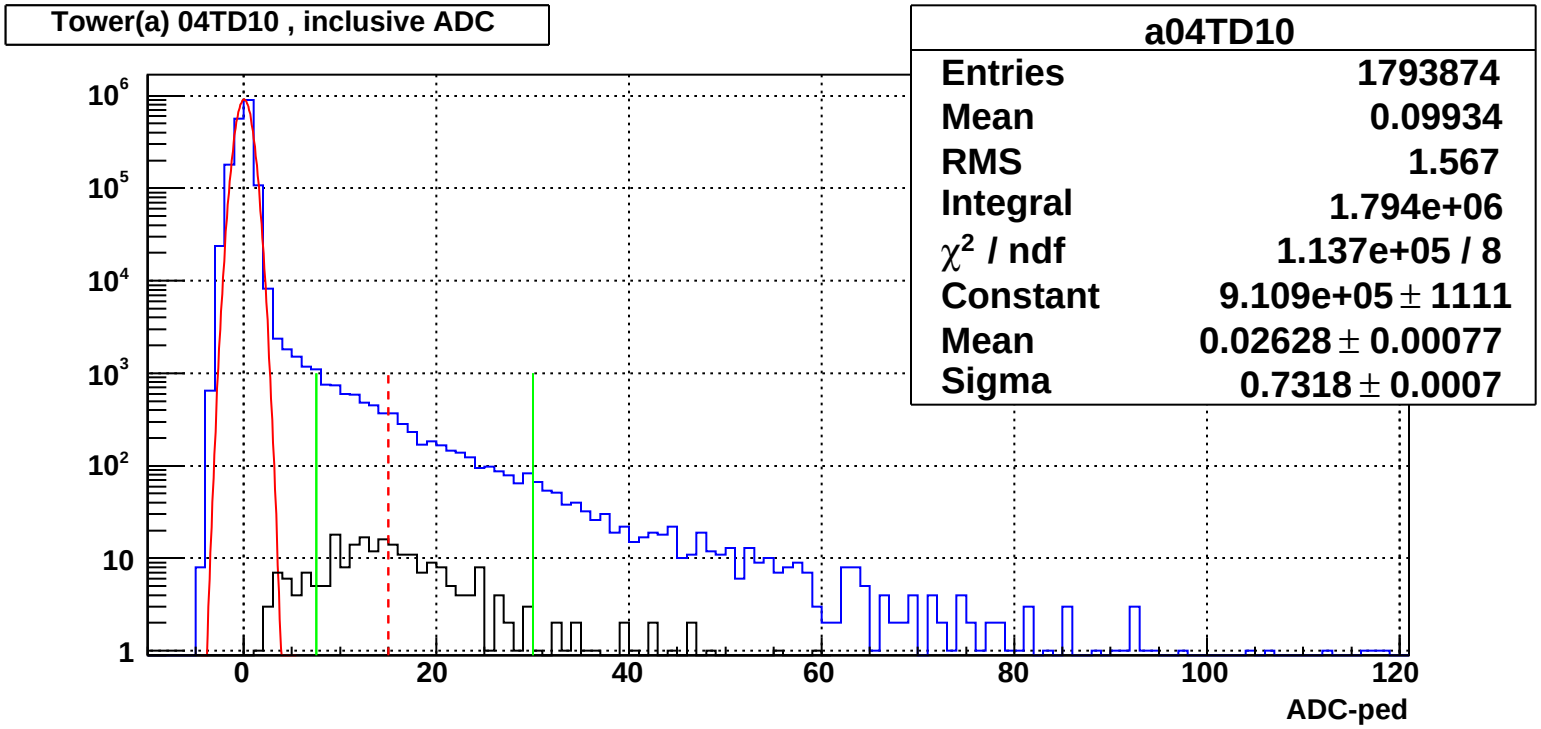

Tower(d) 04TA10 , ADC, tag: UxV 2*thr
d04TA10
Entries 110
Mean 19.57
RMS 9.563
Integral 109
χ² / ndf 8.245 / 15
x0 16.67 ± 0.39
aL 10.77 ± 1.75
sigL 2.148e+04 ± 26922
sigG 2.74 ± 0.47
ADC-ped

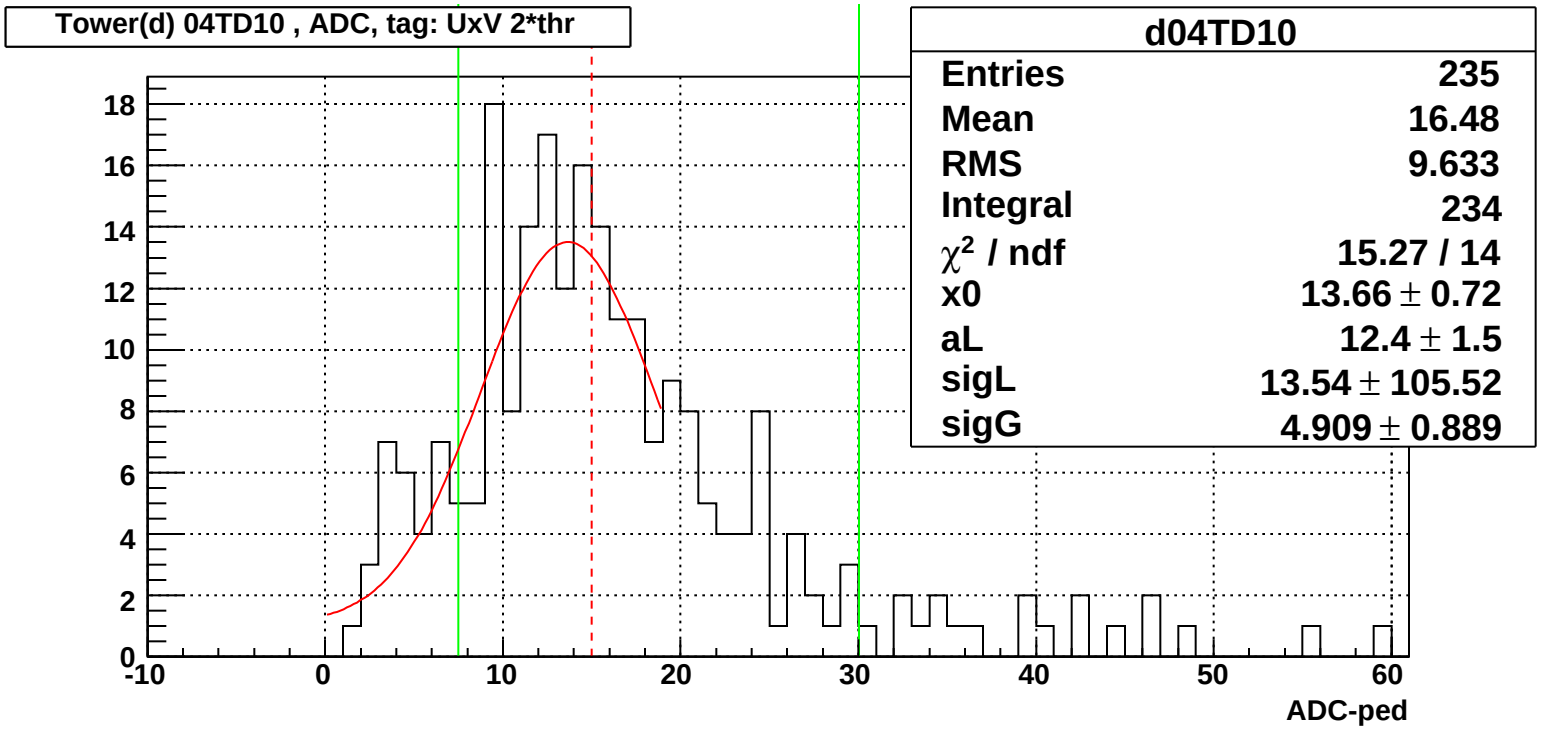

Tower(a) 04TB10 , inclusive ADC
a04TB10
Entries 1793874
Mean 0.0115
RMS 1.504
Integral 1.794e+06
χ² / ndf 1.559e+05 / 7
Constant 1.051e+06 ± 1402
Mean -0.0802 ± 0.0009
Sigma 0.6185 ± 0.0007
ADC-ped

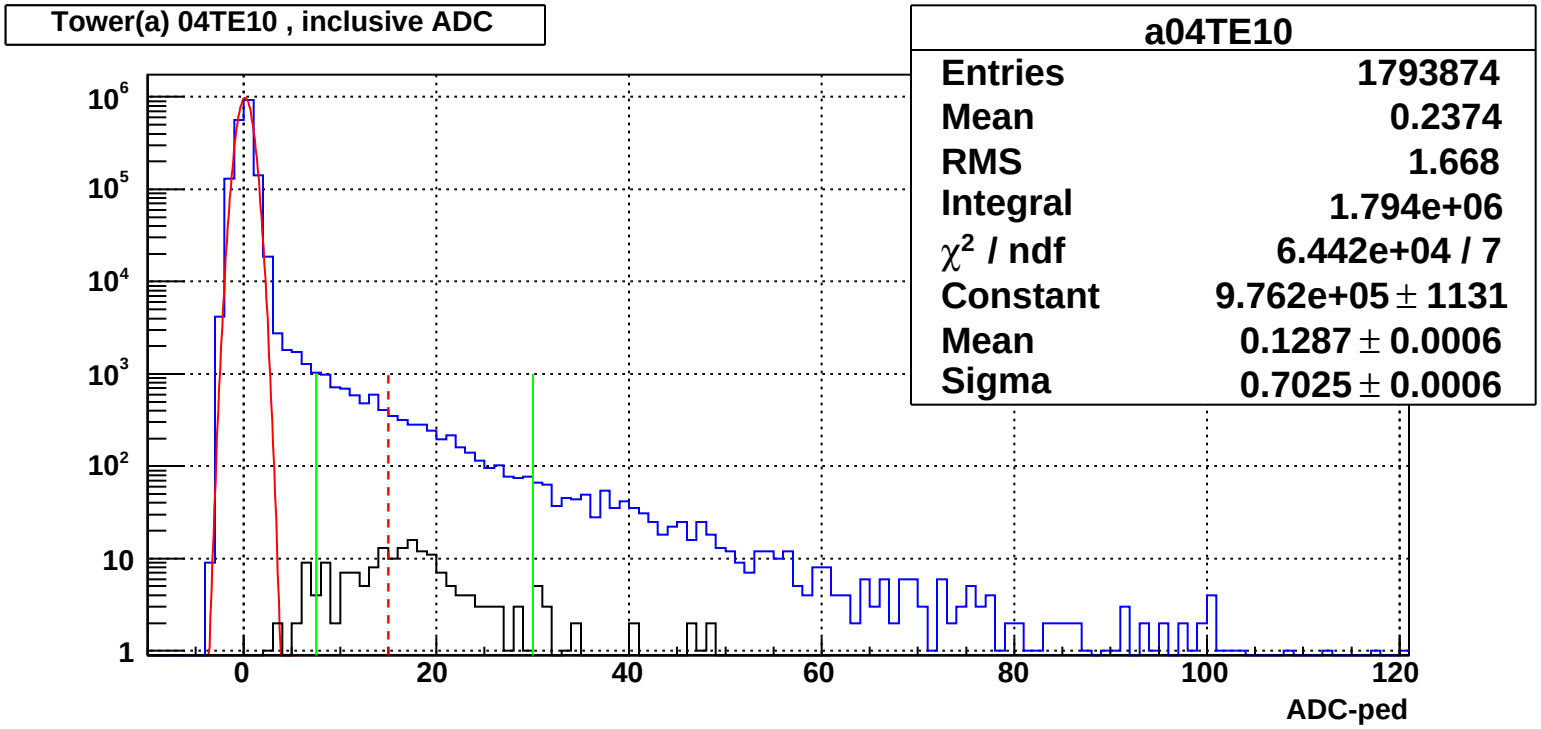

Tower(d) 04TB10 , ADC, tag: UxV 2*thr
d04TB10
Entries 154
Mean 15.6
RMS 6.402
Integral 153
χ² / ndf 22.61 / 19
x0 13.82 ± 0.30
aL 15.12 ± 1.17
sigL 3.452e+05 ± 1
sigG 2.489 ± 0.272
ADC-ped

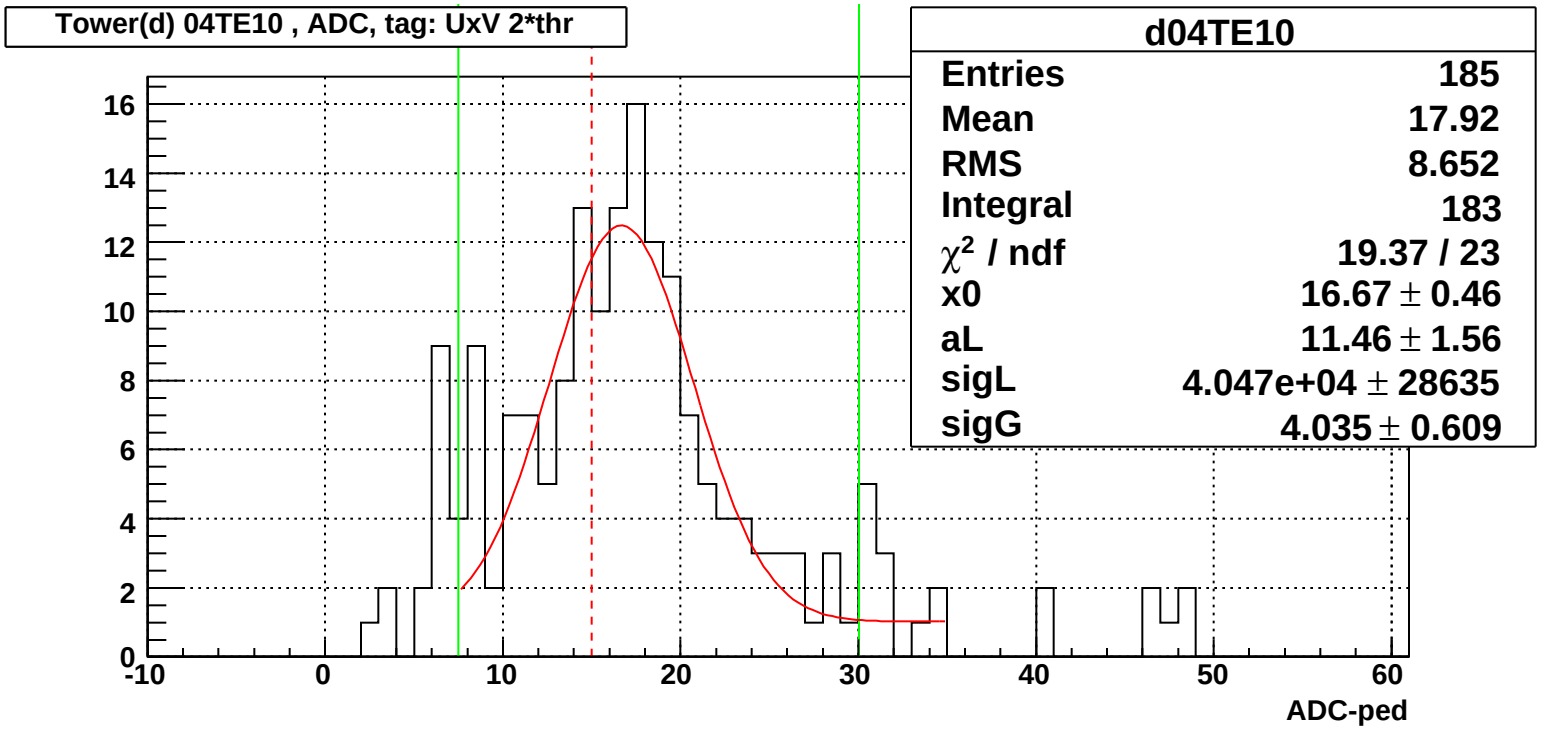

Tower(a) 04TC10 , inclusive ADC
a04TC10
Entries 1793874
Mean 0.2192
RMS 1.71
Integral 1.794e+06
χ² / ndf 1.024e+05 / 8
Constant 9.473e+05 ± 1236
Mean 0.1358 ± 0.0007
Sigma 0.7077 ± 0.0007
ADC-ped

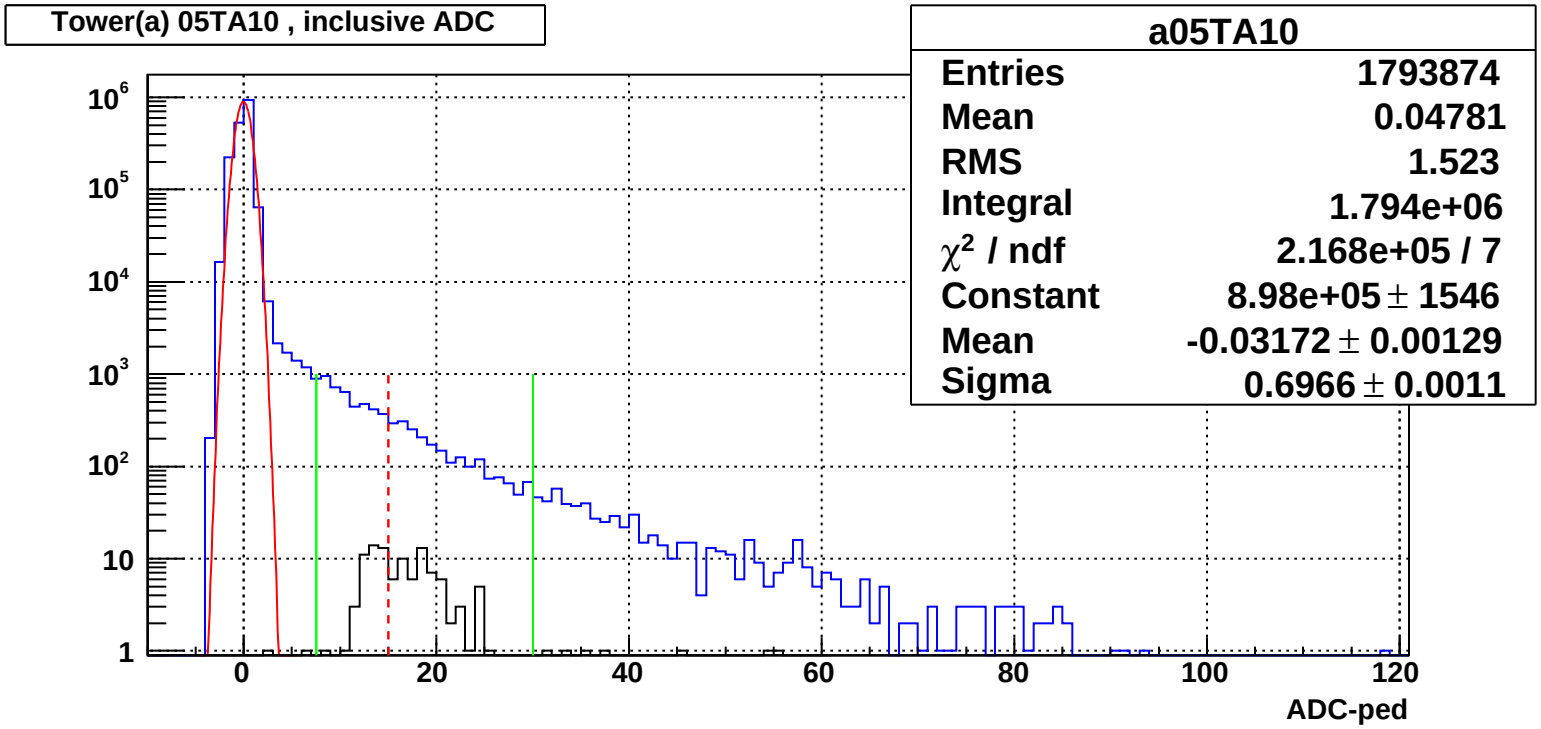

Tower(d) 04TC10 , ADC, tag: UxV 2*thr
d04TC10
Entries 139
Mean 18.5
RMS 6.719
Integral 138
χ² / ndf 14.61 / 20
x0 16.7 ± 0.5
aL 10.87 ± 1.56
sigL 2.756e+04 ± 338777
sigG 3.391 ± 0.480
ADC-ped

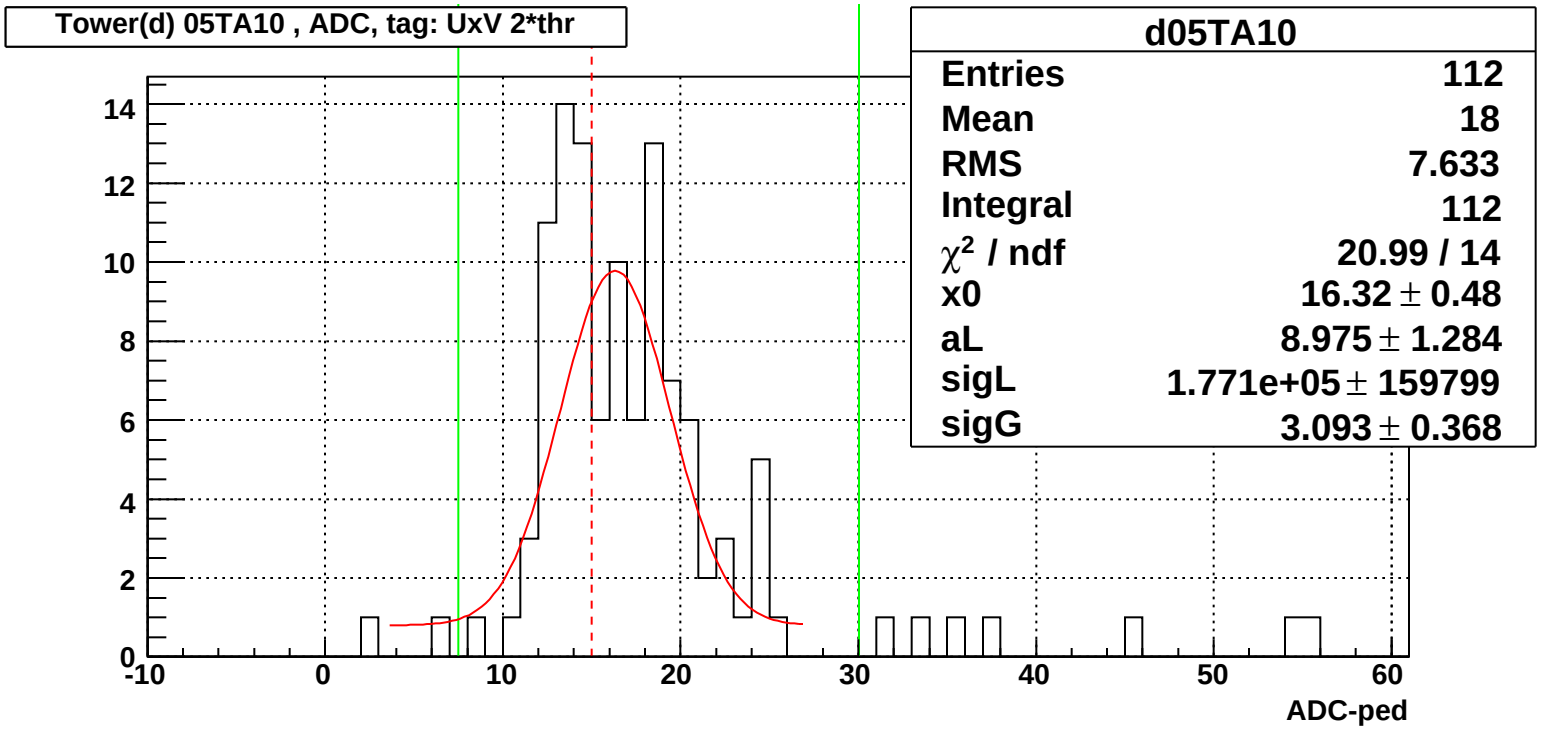

Tower(a) 04TD10 , inclusive ADC
a04TD10
Entries 1793874
Mean 0.09934
RMS 1.567
Integral 1.794e+06
χ² / ndf 1.137e+05 / 8
Constant 9.109e+05 ± 1111
Mean 0.02628 ± 0.00077
Sigma 0.7318 ± 0.0007
ADC-ped

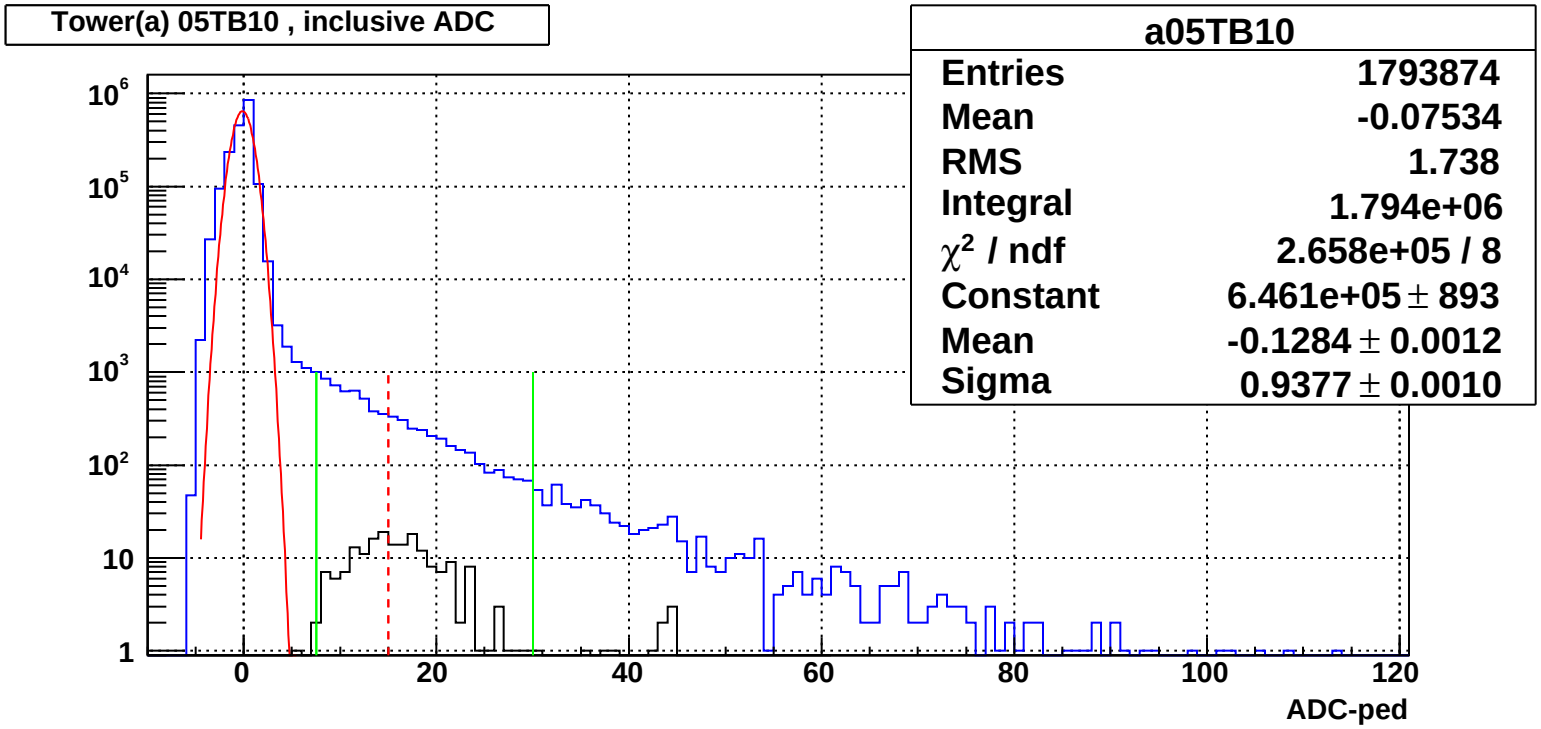

Tower(d) 04TD10 , ADC, tag: UxV 2*thr
d04TD10
Entries 235
Mean 16.48
RMS 9.633
Integral 234
χ² / ndf 15.27 / 14
x0 13.66 ± 0.72
aL 12.4 ± 1.5
sigL 13.54 ± 105.52
sigG 4.909 ± 0.889
ADC-ped

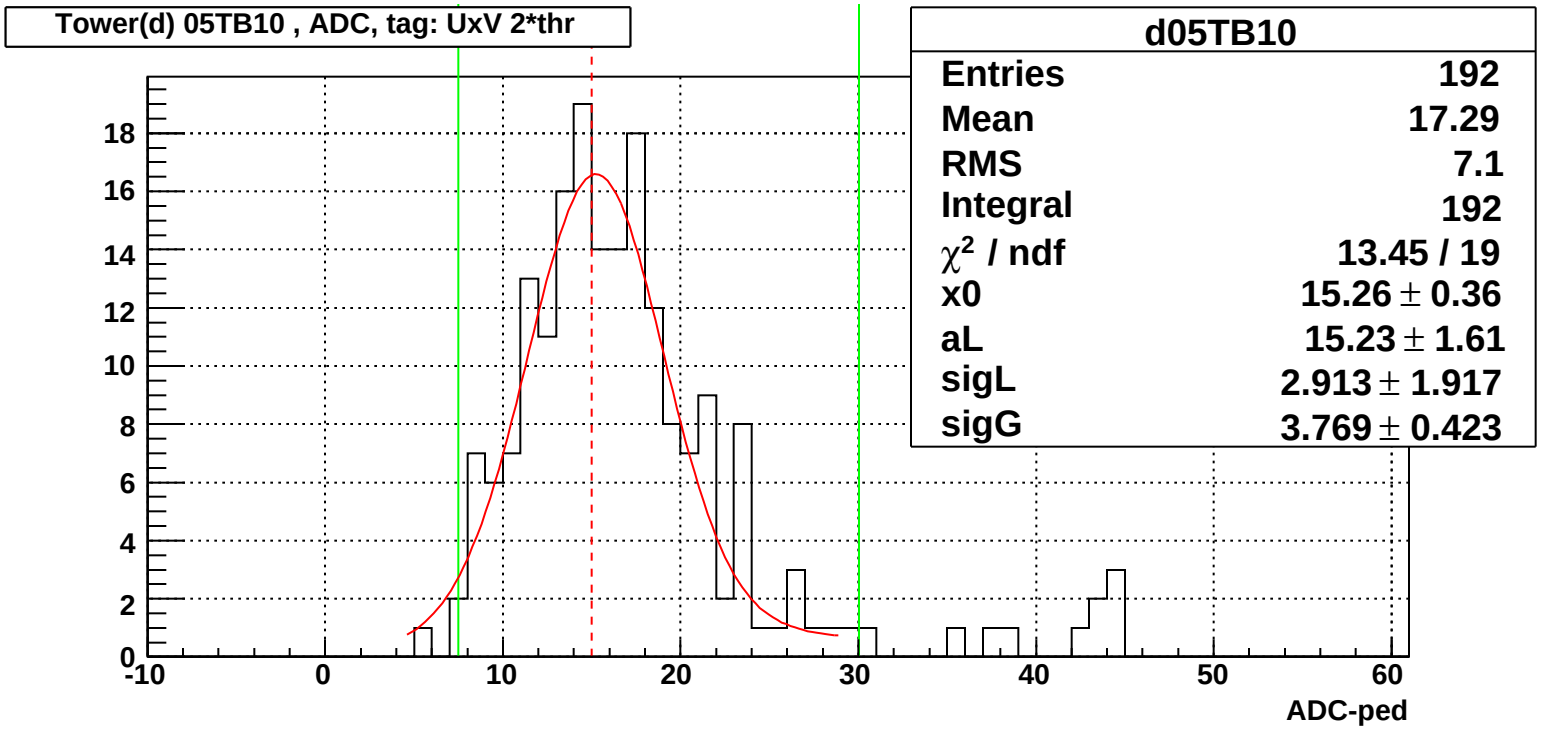

Tower(a) 04TE10 , inclusive ADC
a04TE10
Entries 1793874
Mean 0.2374
RMS 1.668
Integral 1.794e+06
χ² / ndf 6.442e+04 / 7
Constant 9.762e+05 ± 1131
Mean 0.1287 ± 0.0006
Sigma 0.7025 ± 0.0006
ADC-ped

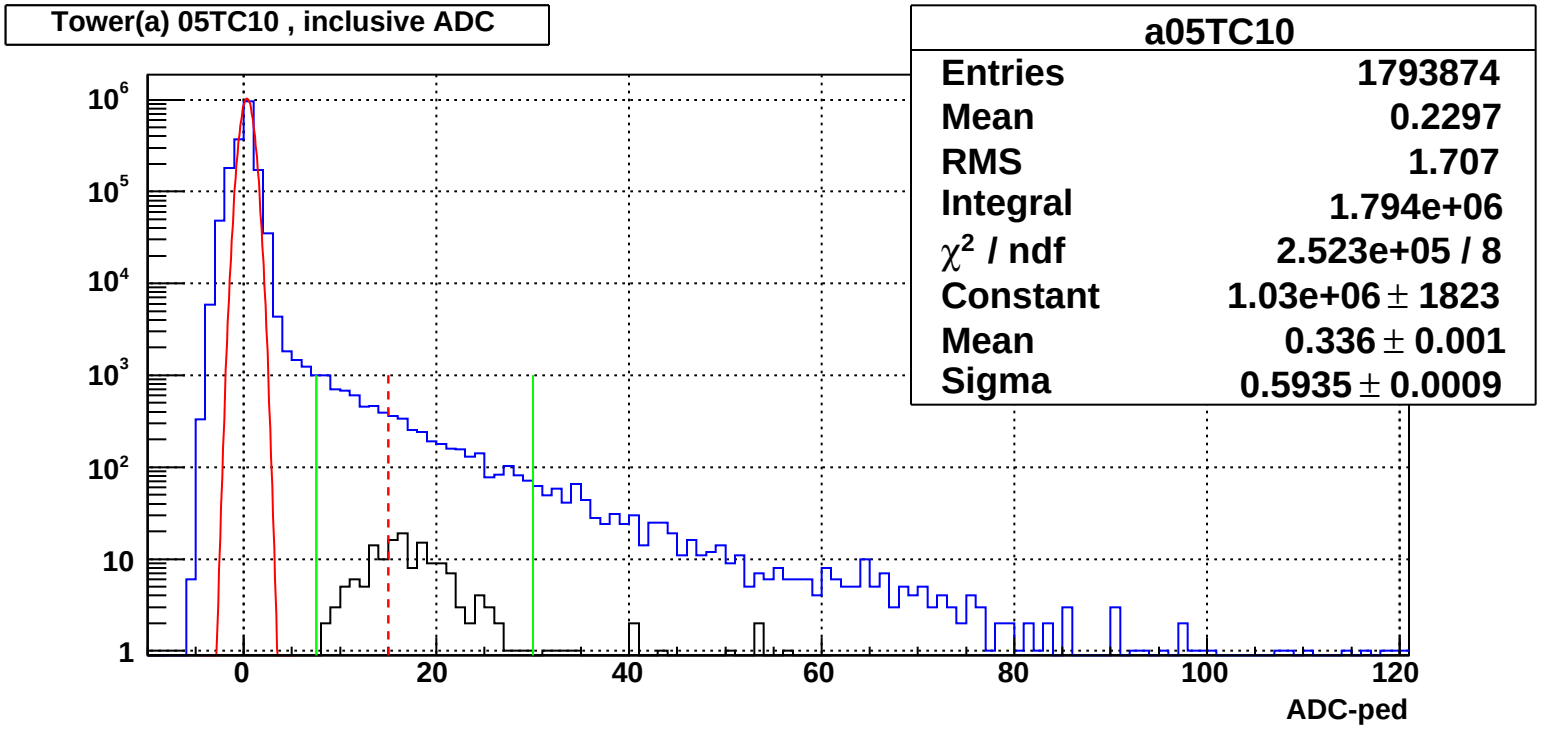

Tower(d) 04TE10 , ADC, tag: UxV 2*thr
d04TE10
Entries 185
Mean 17.92
RMS 8.652
Integral 183
χ² / ndf 19.37 / 23
x0 16.67 ± 0.46
aL 11.46 ± 1.56
sigL 4.047e+04 ± 28635
sigG 4.035 ± 0.609
ADC-ped

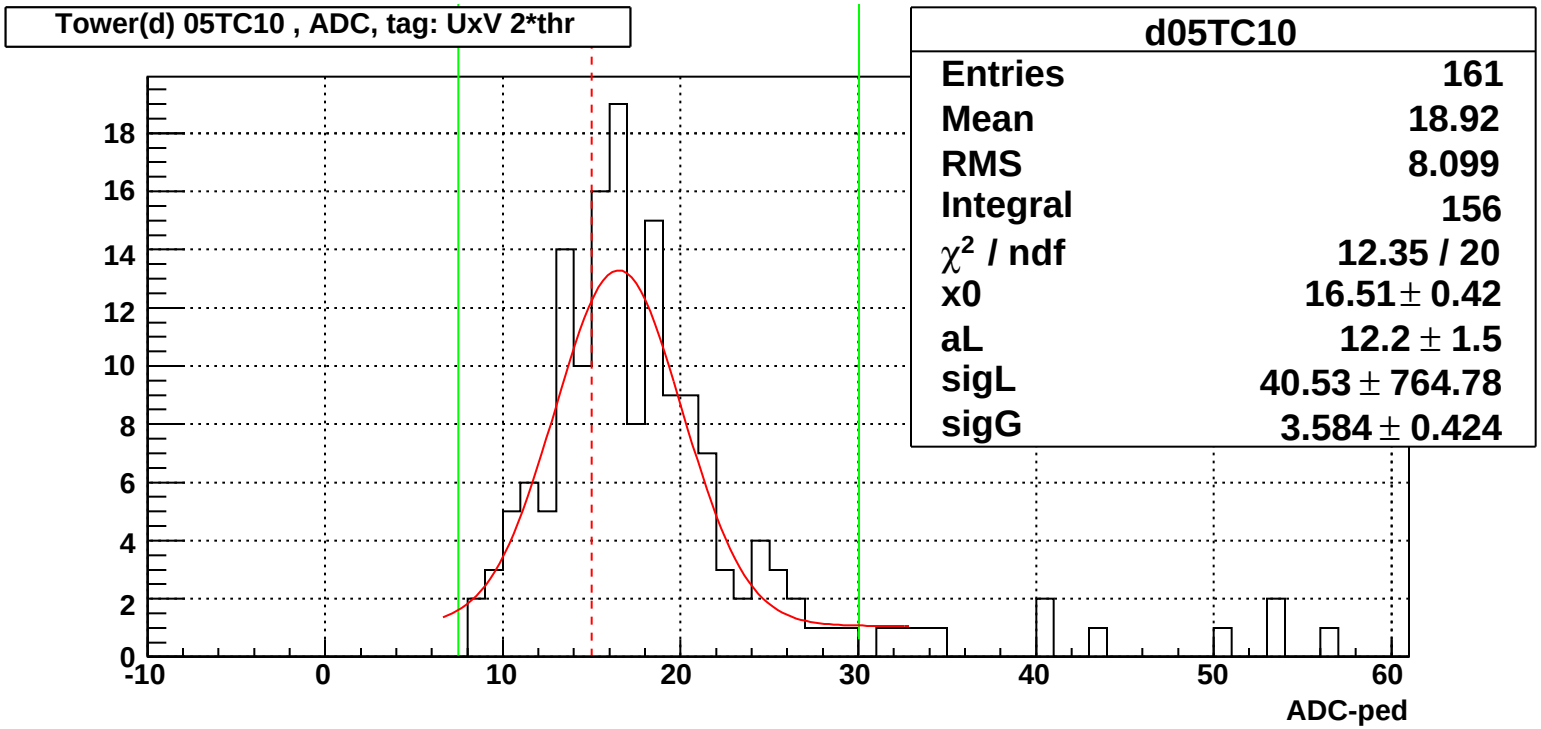

Tower(a) 05TA10 , inclusive ADC
a05TA10
Entries 1793874
Mean 0.04781
RMS 1.523
Integral 1.794e+06
χ² / ndf 2.168e+05 / 7
Constant 8.98e+05 ± 1546
Mean -0.03172 ± 0.00129
Sigma 0.6966 ± 0.0011
ADC-ped

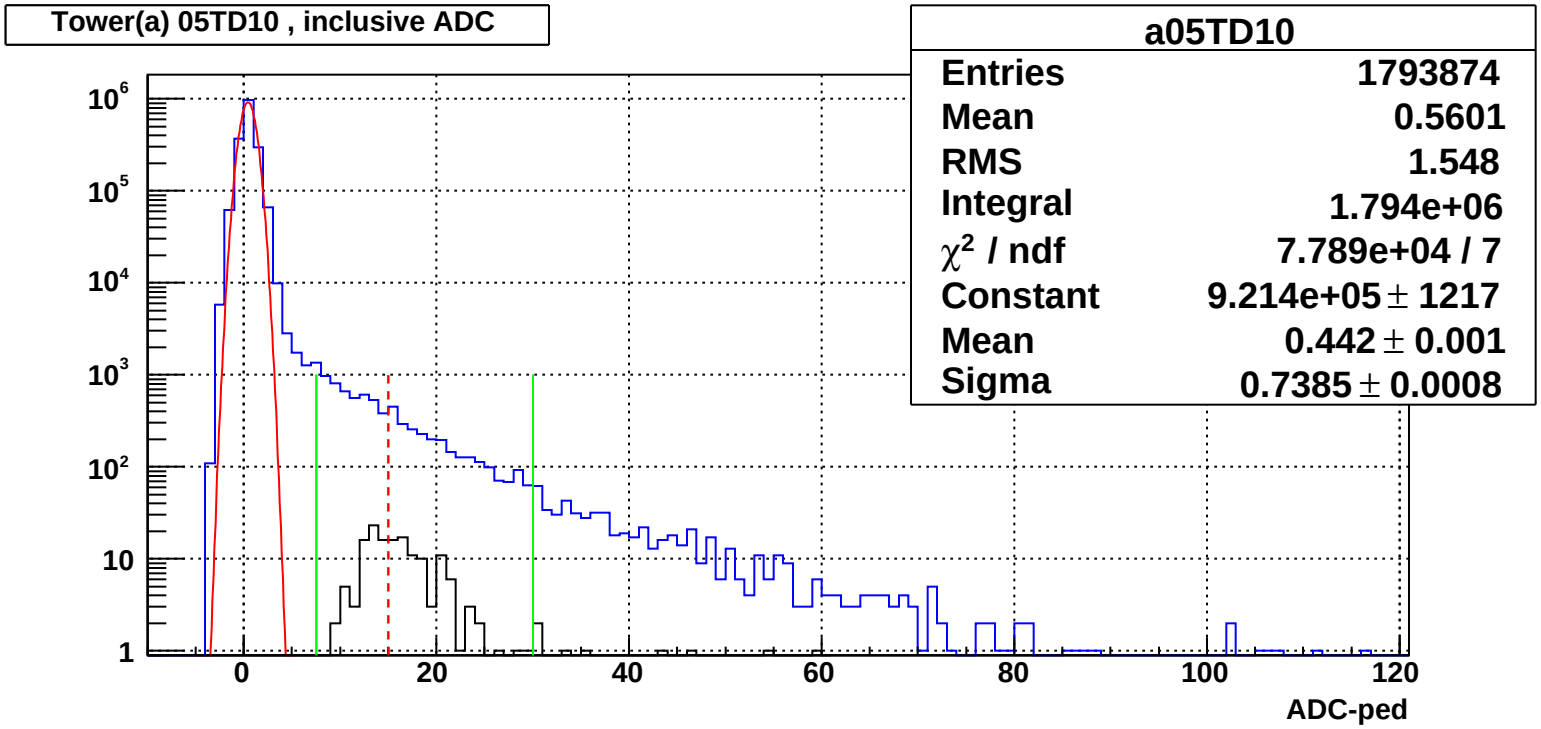

Tower(d) 05TA10 , ADC, tag: UxV 2*thr
d05TA10
Entries 112
Mean 18
RMS 7.633
Integral 112
χ² / ndf 20.99 / 14
x0 16.32 ± 0.48
aL 8.975 ± 1.284
sigL 1.771e+05 ± 159799
sigG 3.093 ± 0.368
ADC-ped

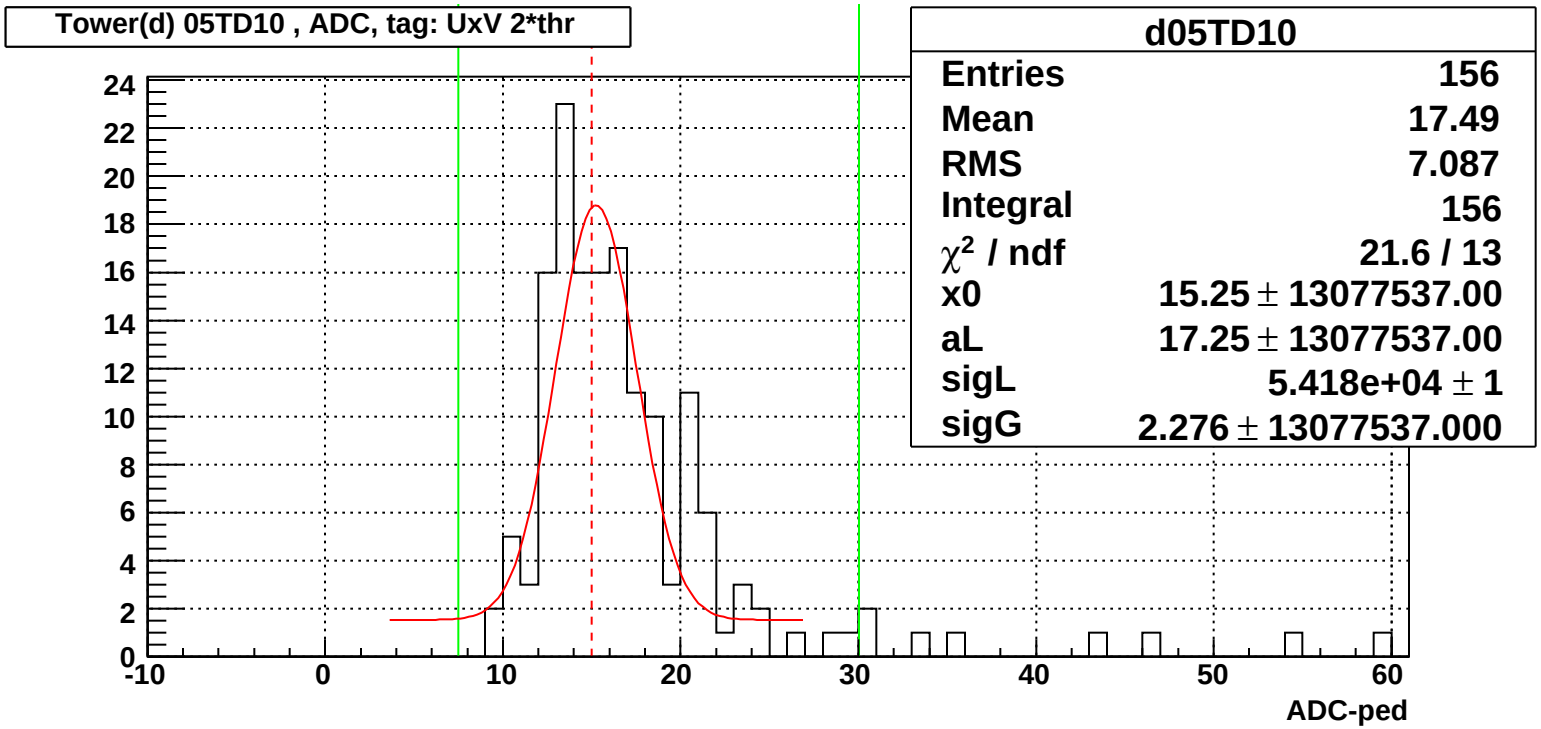

Tower(a) 05TB10 , inclusive ADC
a05TB10
Entries 1793874
Mean -0.07534
RMS 1.738
Integral 1.794e+06
χ² / ndf 2.658e+05 / 8
Constant 6.461e+05 ± 893
Mean -0.1284 ± 0.0012
Sigma 0.9377 ± 0.0010
ADC-ped

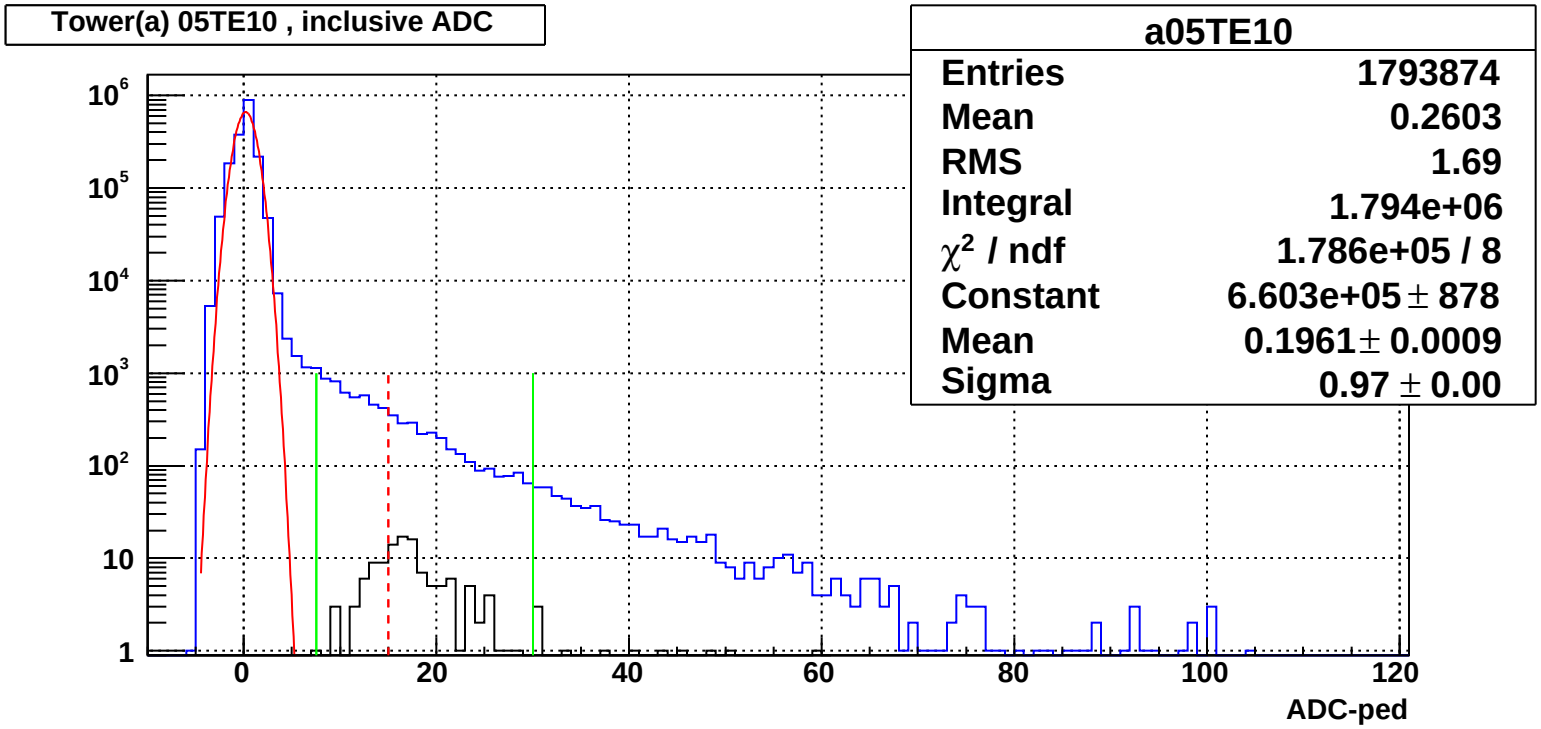

Tower(d) 05TB10 , ADC, tag: UxV 2*thr
d05TB10
Entries 192
Mean 17.29
RMS 7.1
Integral 192
χ² / ndf 13.45 / 19
x0 15.26 ± 0.36
aL 15.23 ± 1.61
sigL 2.913 ± 1.917
sigG 3.769 ± 0.423
ADC-ped

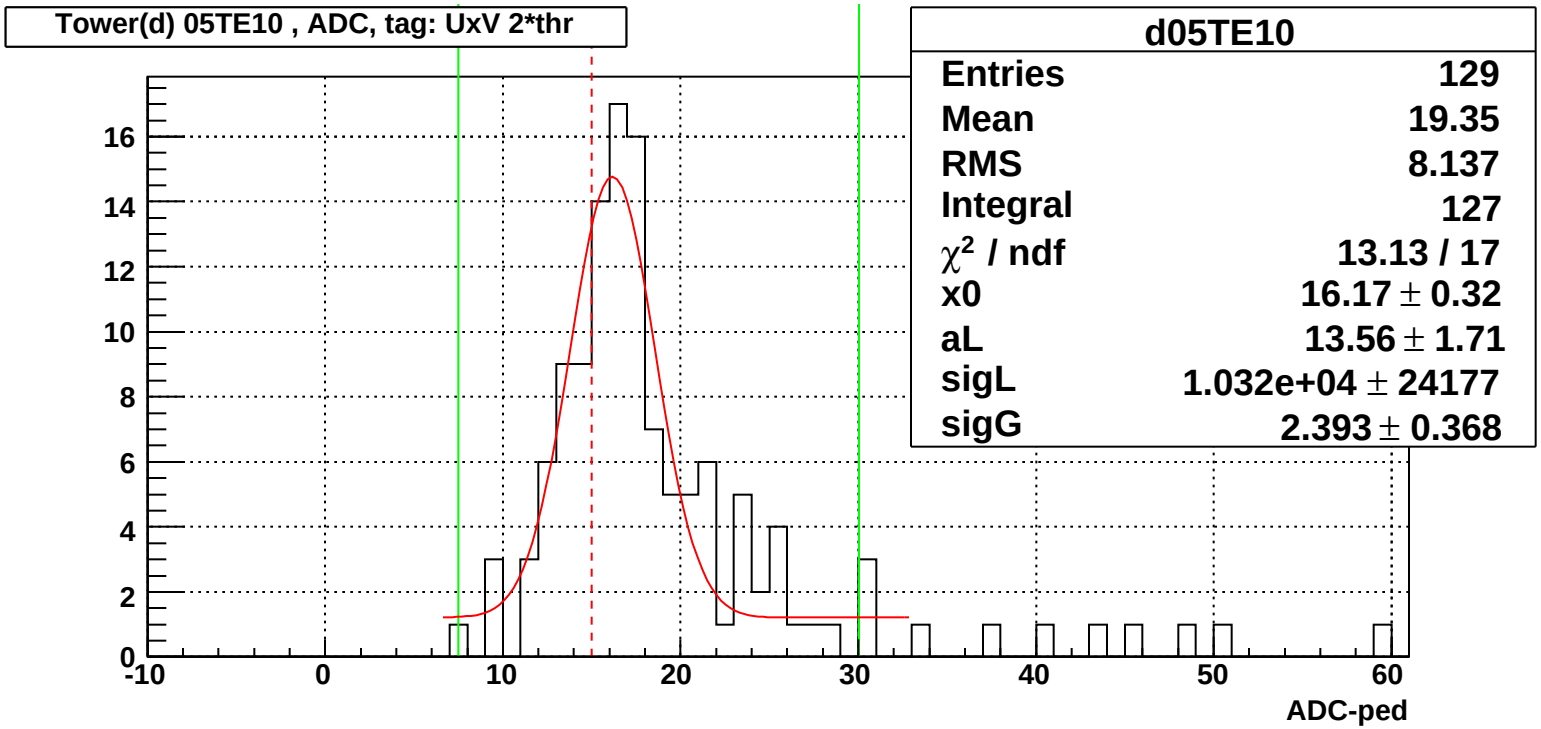

Tower(a) 05TC10 , inclusive ADC
a05TC10
Entries 1793874
Mean 0.2297
RMS 1.707
Integral 1.794e+06
χ² / ndf 2.523e+05 / 8
Constant 1.03e+06 ± 1823
Mean 0.336 ± 0.001
Sigma 0.5935 ± 0.0009
ADC-ped

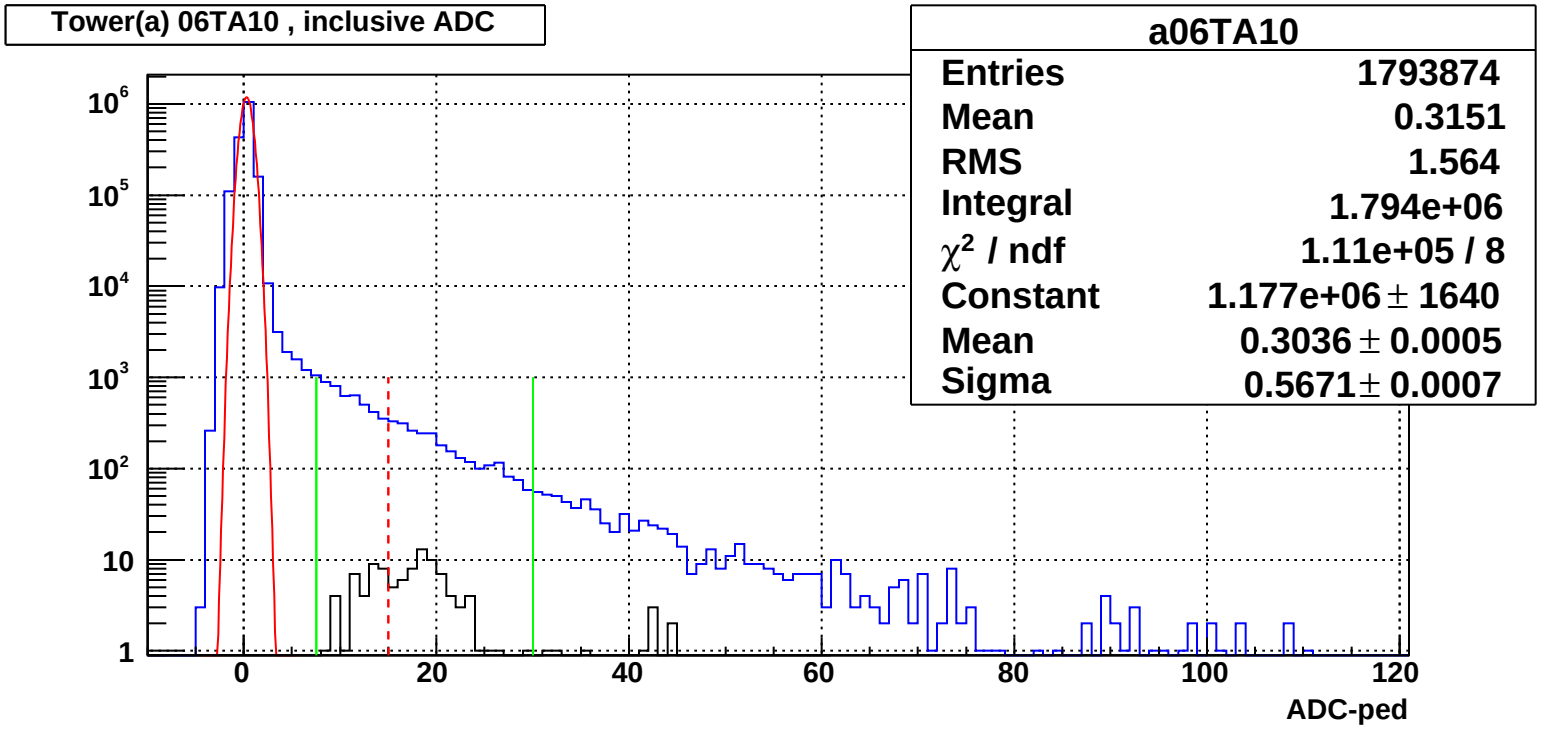

Tower(d) 05TC10 , ADC, tag: UxV 2*thr
d05TC10
Entries 161
Mean 18.92
RMS 8.099
Integral 156
χ² / ndf 12.35 / 20
x0 16.51 ± 0.42
aL 12.2 ± 1.5
sigL 40.53 ± 764.78
sigG 3.584 ± 0.424
ADC-ped

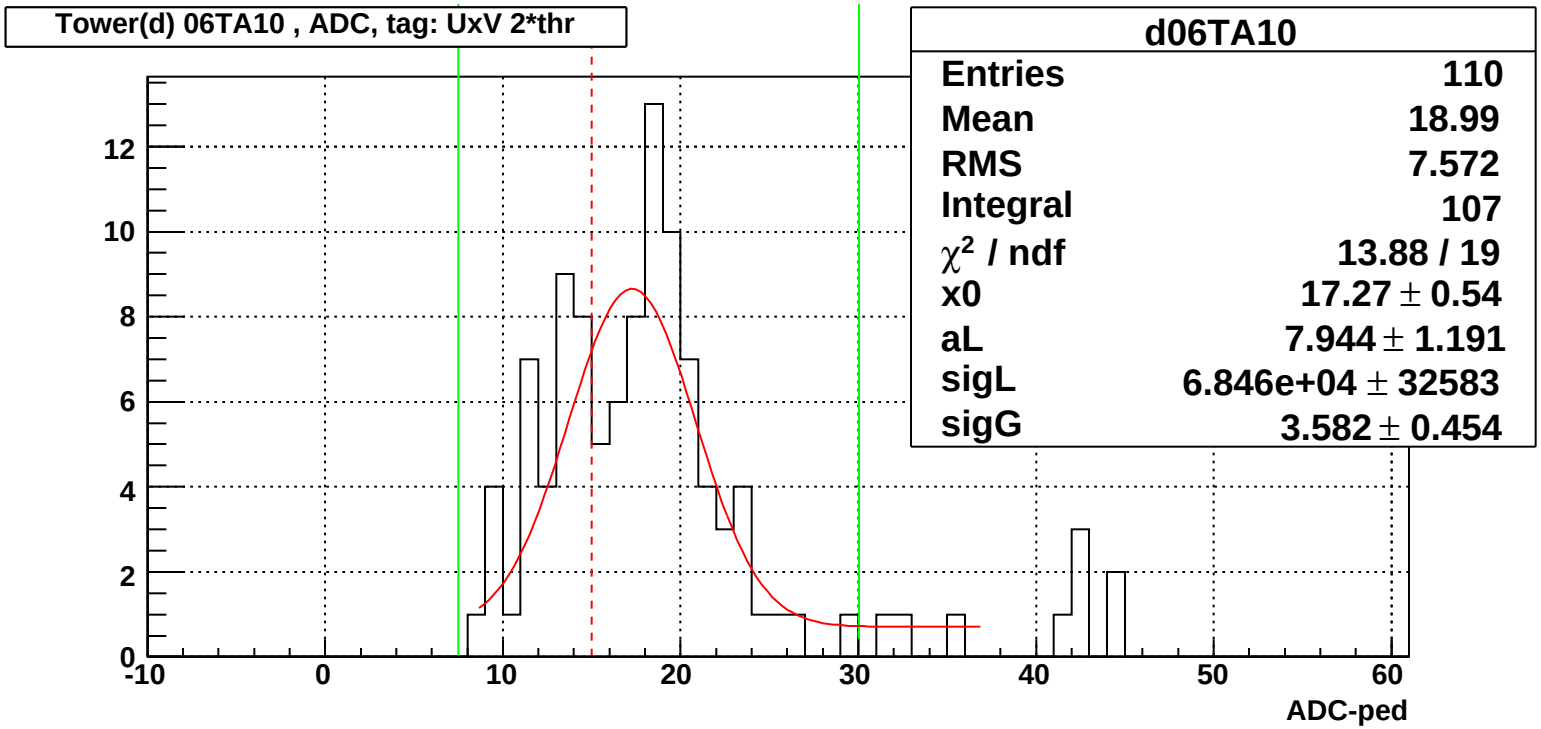

Tower(a) 05TD10 , inclusive ADC
a05TD10
Entries 1793874
Mean 0.5601
RMS 1.548
Integral 1.794e+06
χ² / ndf 7.789e+04 / 7
Constant 9.214e+05 ± 1217
Mean 0.442 ± 0.001
Sigma 0.7385 ± 0.0008
ADC-ped

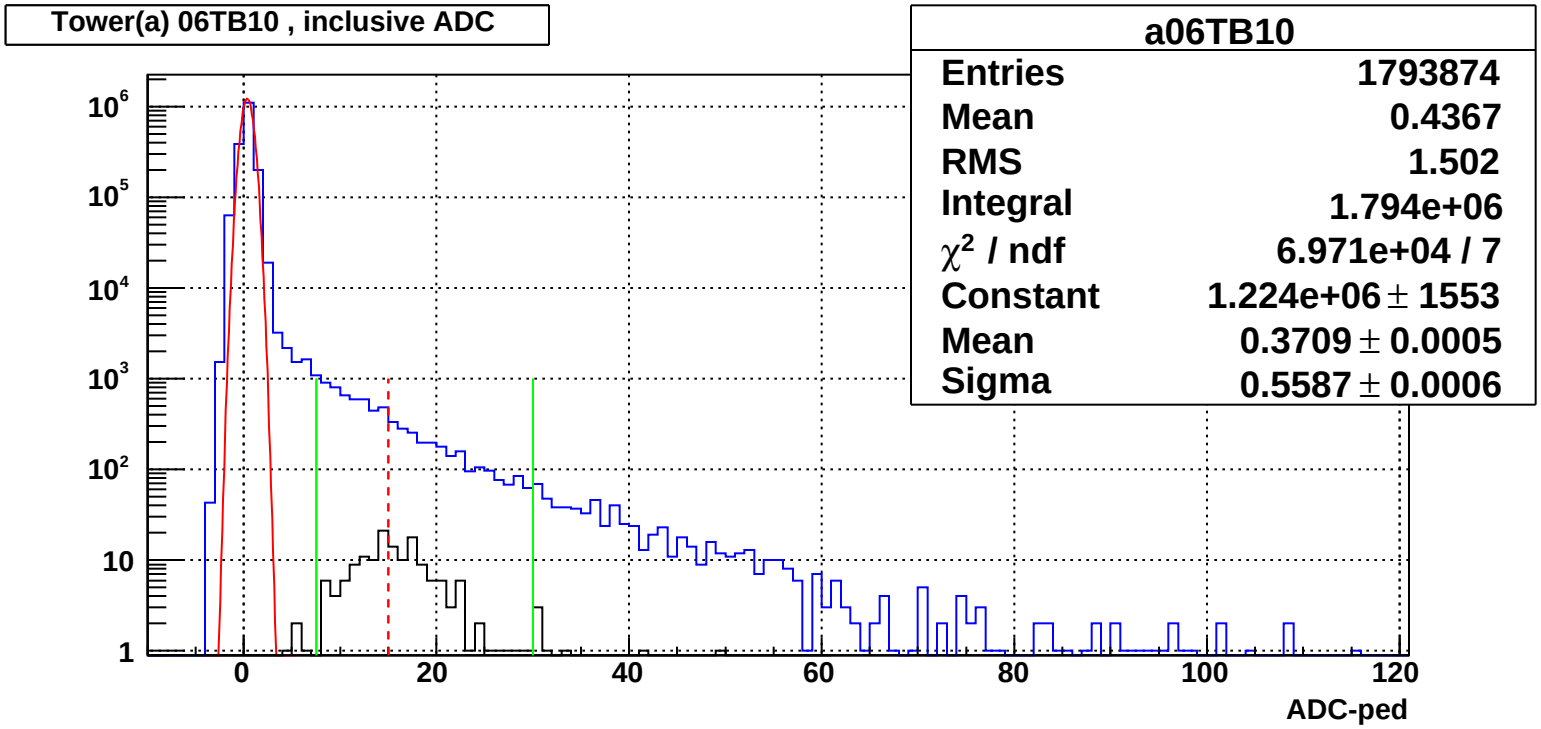

Tower(d) 05TD10 , ADC, tag: UxV 2*thr
d05TD10
Entries 156
Mean 17.49
RMS 7.087
Integral 156
χ² / ndf 21.6 / 13
x0 15.25 ± 13077537.00
aL 17.25 ± 13077537.00
sigL 5.418e+04 ± 1
sigG 2.276 ± 13077537.000
ADC-ped

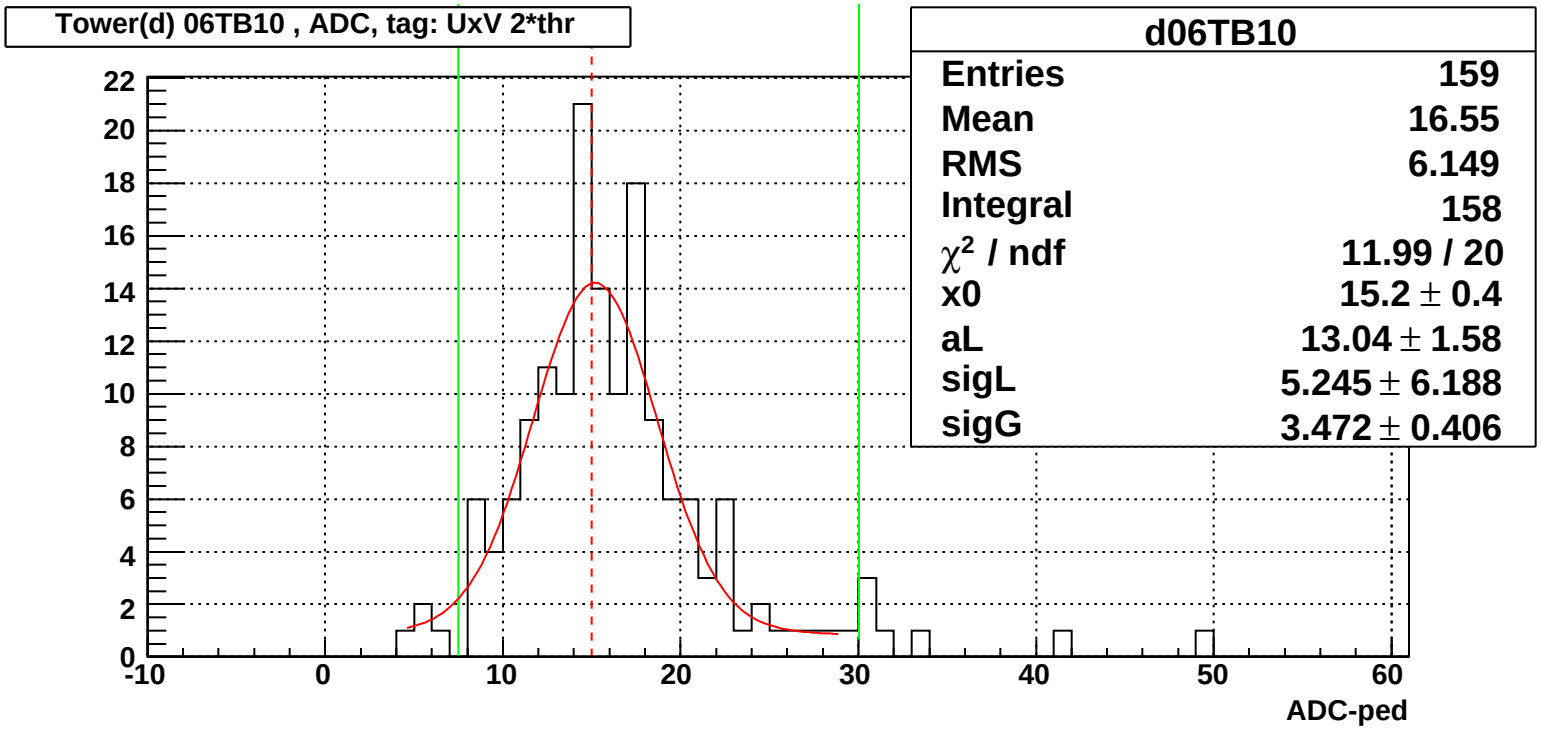

Tower(a) 05TE10 , inclusive ADC
a05TE10
Entries 1793874
Mean 0.2603
RMS 1.69
Integral 1.794e+06
χ² / ndf 1.786e+05 / 8
Constant 6.603e+05 ± 878
Mean 0.1961 ± 0.0009
Sigma 0.97 ± 0.00
ADC-ped

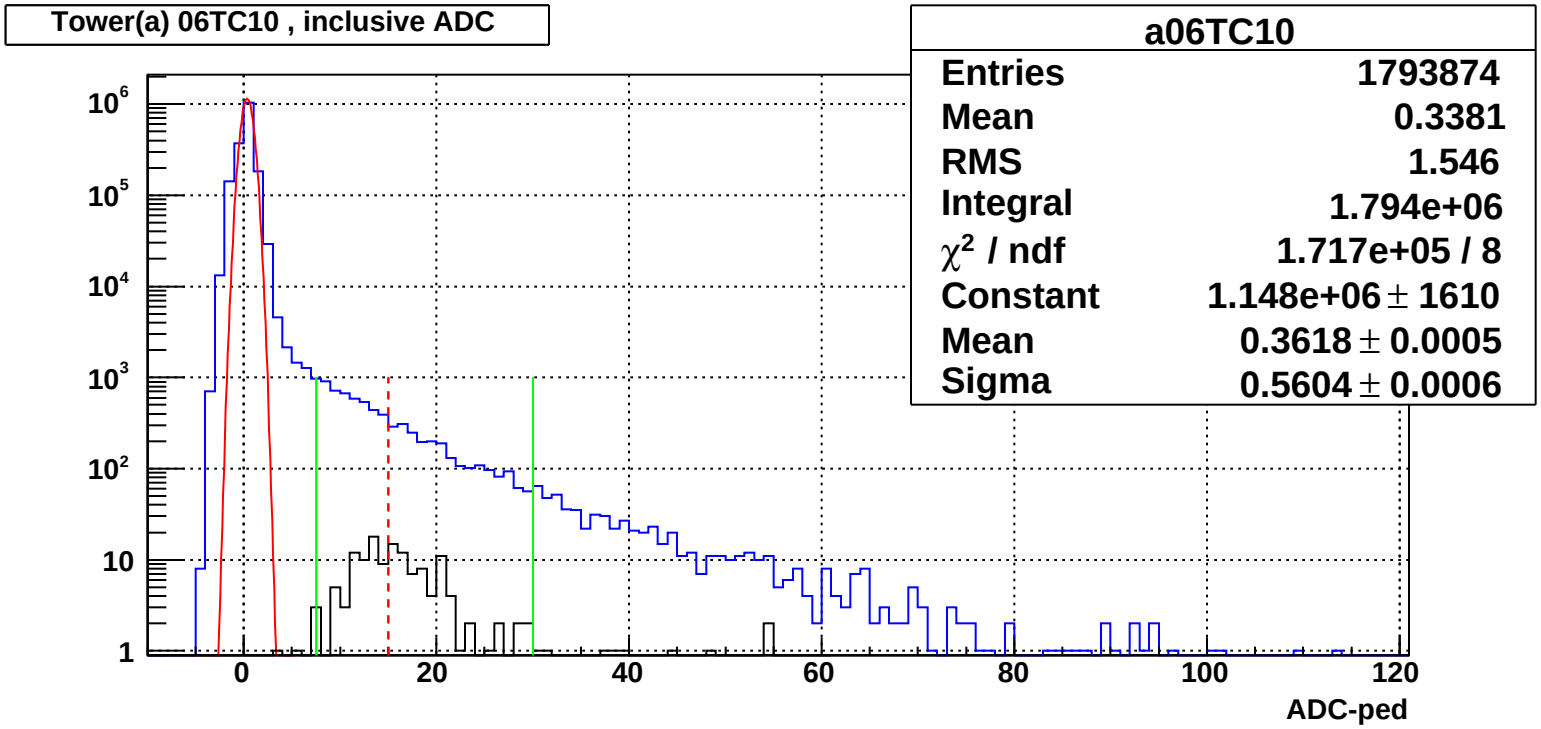

Tower(d) 05TE10 , ADC, tag: UxV 2*thr
d05TE10
Entries 129
Mean 19.35
RMS 8.137
Integral 127
χ² / ndf 13.13 / 17
x0 16.17 ± 0.32
aL 13.56 ± 1.71
sigL 1.032e+04 ± 24177
sigG 2.393 ± 0.368
ADC-ped

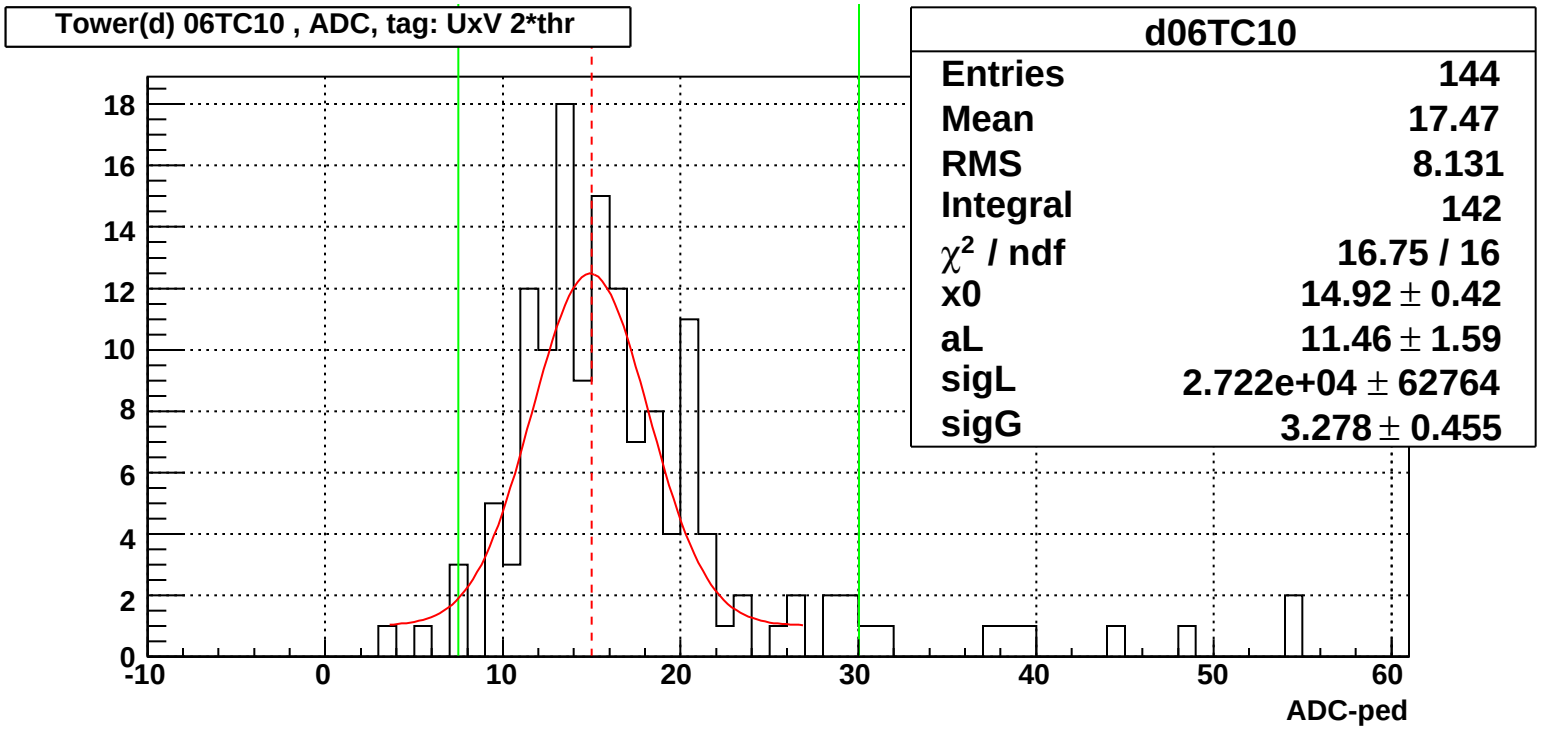

Tower(a) 06TA10 , inclusive ADC
a06TA10
Entries 1793874
Mean 0.3151
RMS 1.564
Integral 1.794e+06
χ² / ndf 1.11e+05 / 8
Constant 1.177e+06 ± 1640
Mean 0.3036 ± 0.0005
Sigma 0.5671 ± 0.0007
ADC-ped

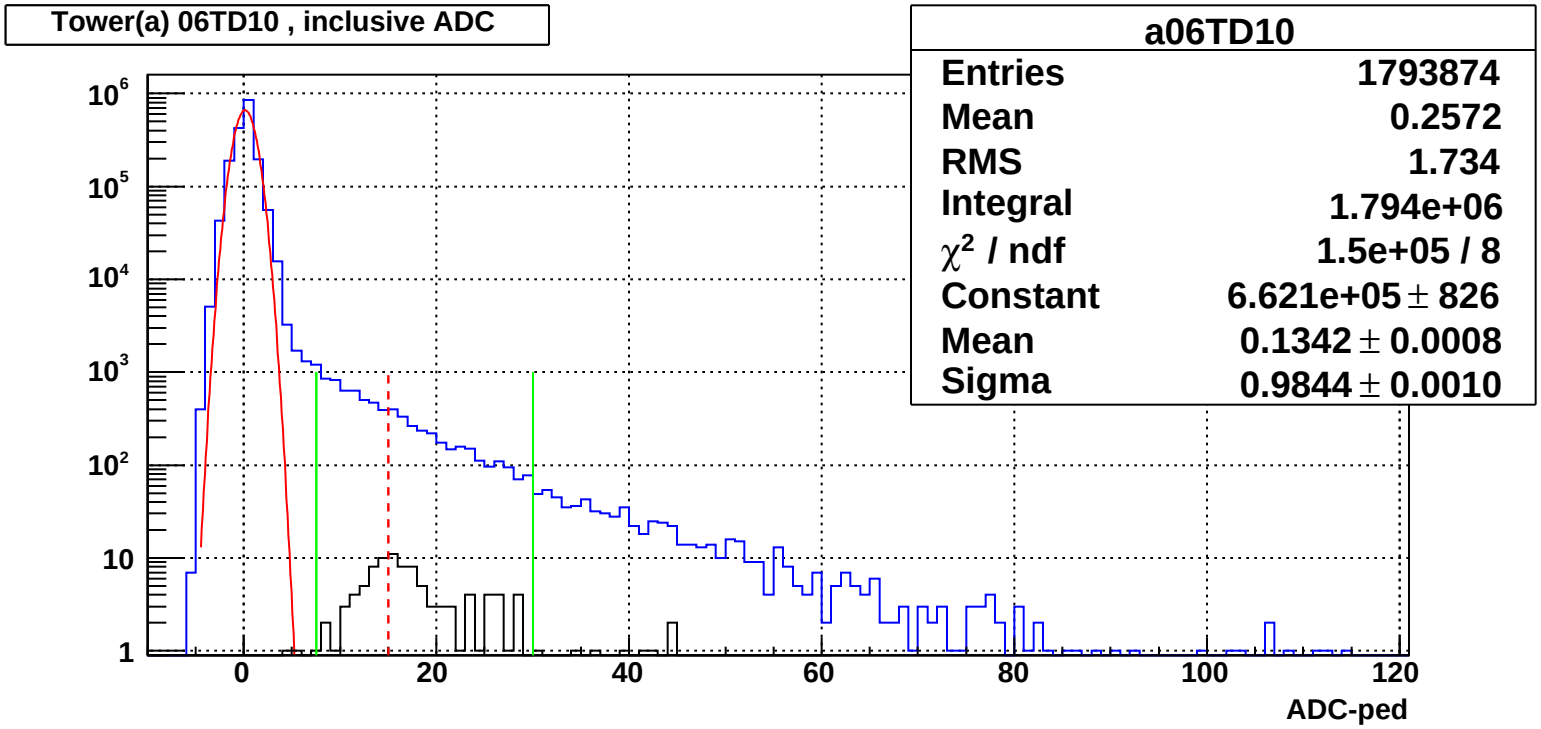

Tower(d) 06TA10 , ADC, tag: UxV 2*thr
d06TA10
Entries 110
Mean 18.99
RMS 7.572
Integral 107
χ² / ndf 13.88 / 19
x0 17.27 ± 0.54
aL 7.944 ± 1.191
sigL 6.846e+04 ± 32583
sigG 3.582 ± 0.454
ADC-ped

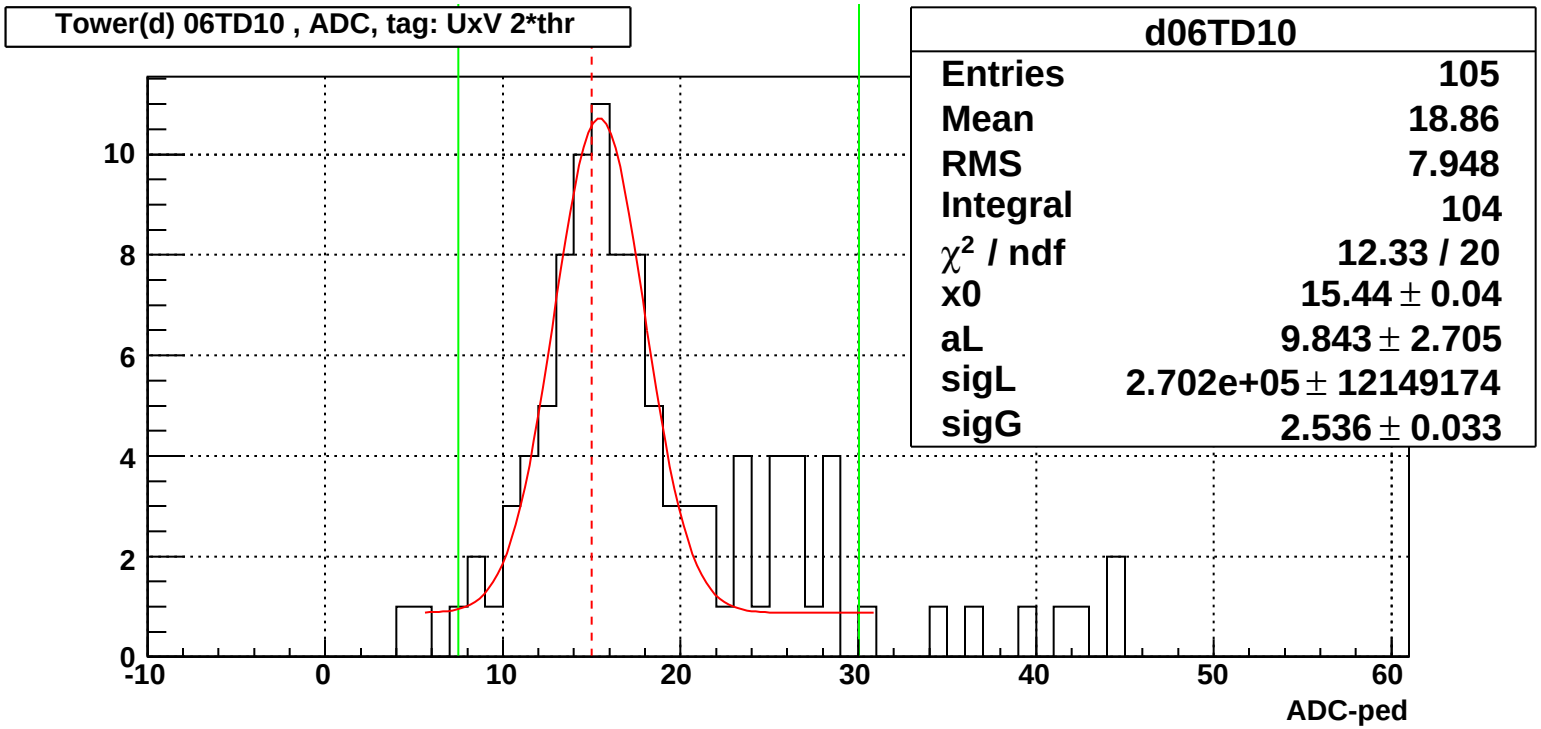

Tower(a) 06TB10 , inclusive ADC
a06TB10
Entries 1793874
Mean 0.4367
RMS 1.502
Integral 1.794e+06
χ² / ndf 6.971e+04 / 7
Constant 1.224e+06 ± 1553
Mean 0.3709 ± 0.0005
Sigma 0.5587 ± 0.0006
ADC-ped

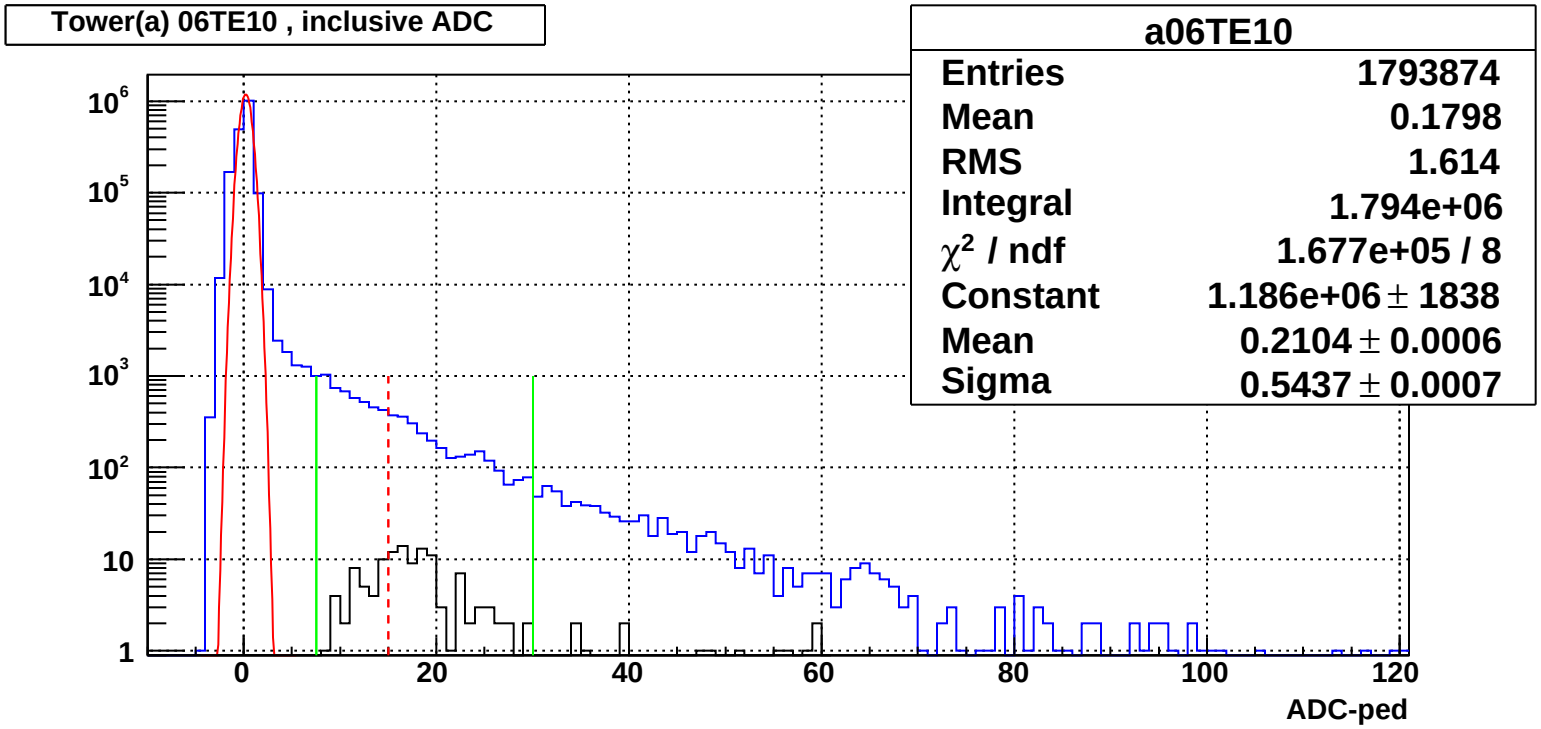

Tower(d) 06TB10 , ADC, tag: UxV 2*thr
d06TB10
Entries 159
Mean 16.55
RMS 6.149
Integral 158
χ² / ndf 11.99 / 20
x0 15.2 ± 0.4
aL 13.04 ± 1.58
sigL 5.245 ± 6.188
sigG 3.472 ± 0.406
ADC-ped

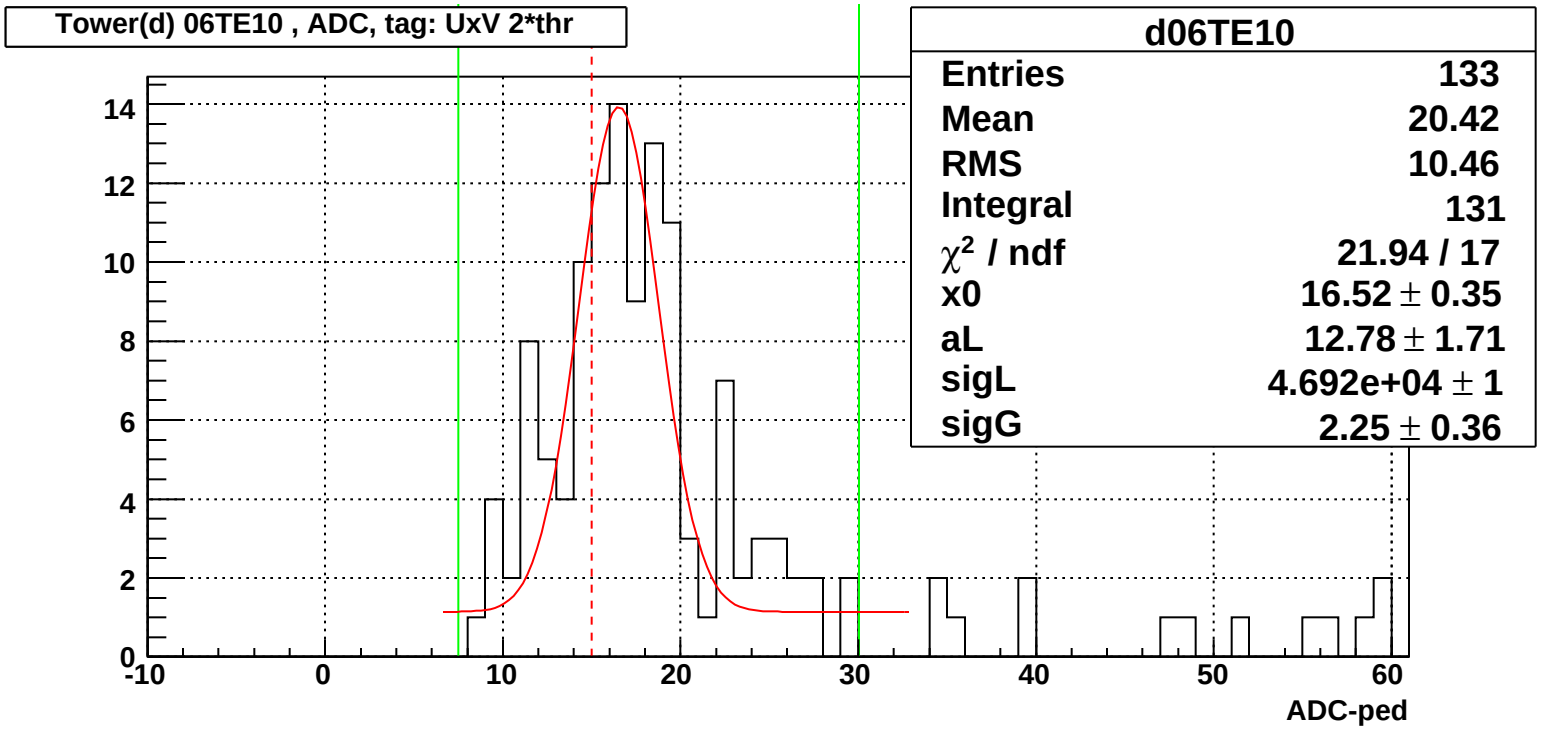

Tower(a) 06TC10 , inclusive ADC
a06TC10
Entries 1793874
Mean 0.3381
RMS 1.546
Integral 1.794e+06
χ² / ndf 1.717e+05 / 8
Constant 1.148e+06 ± 1610
Mean 0.3618 ± 0.0005
Sigma 0.5604 ± 0.0006
ADC-ped

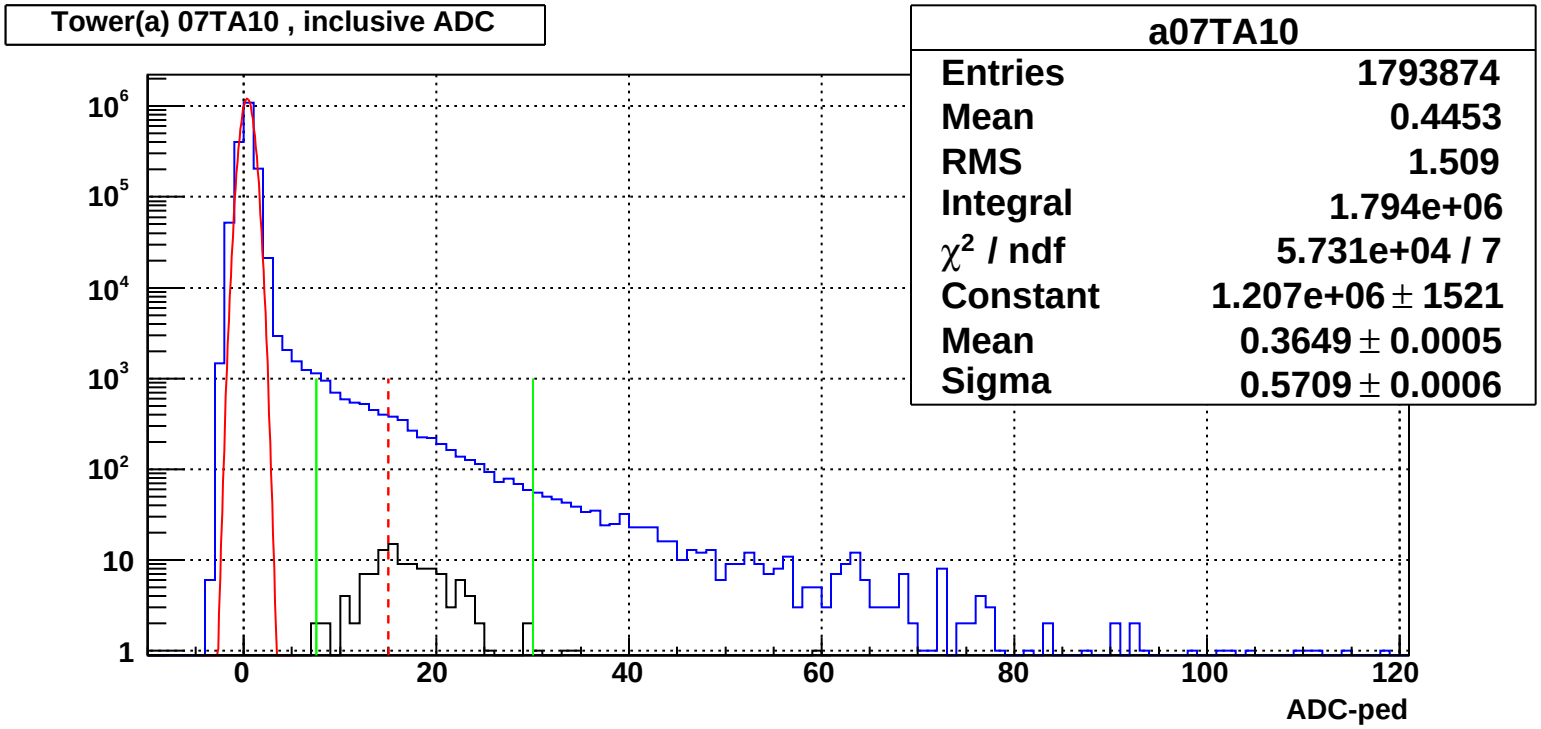

Tower(d) 06TC10 , ADC, tag: UxV 2*thr
d06TC10
Entries 144
Mean 17.47
RMS 8.131
Integral 142
χ² / ndf 16.75 / 16
x0 14.92 ± 0.42
aL 11.46 ± 1.59
sigL 2.722e+04 ± 62764
sigG 3.278 ± 0.455
ADC-ped

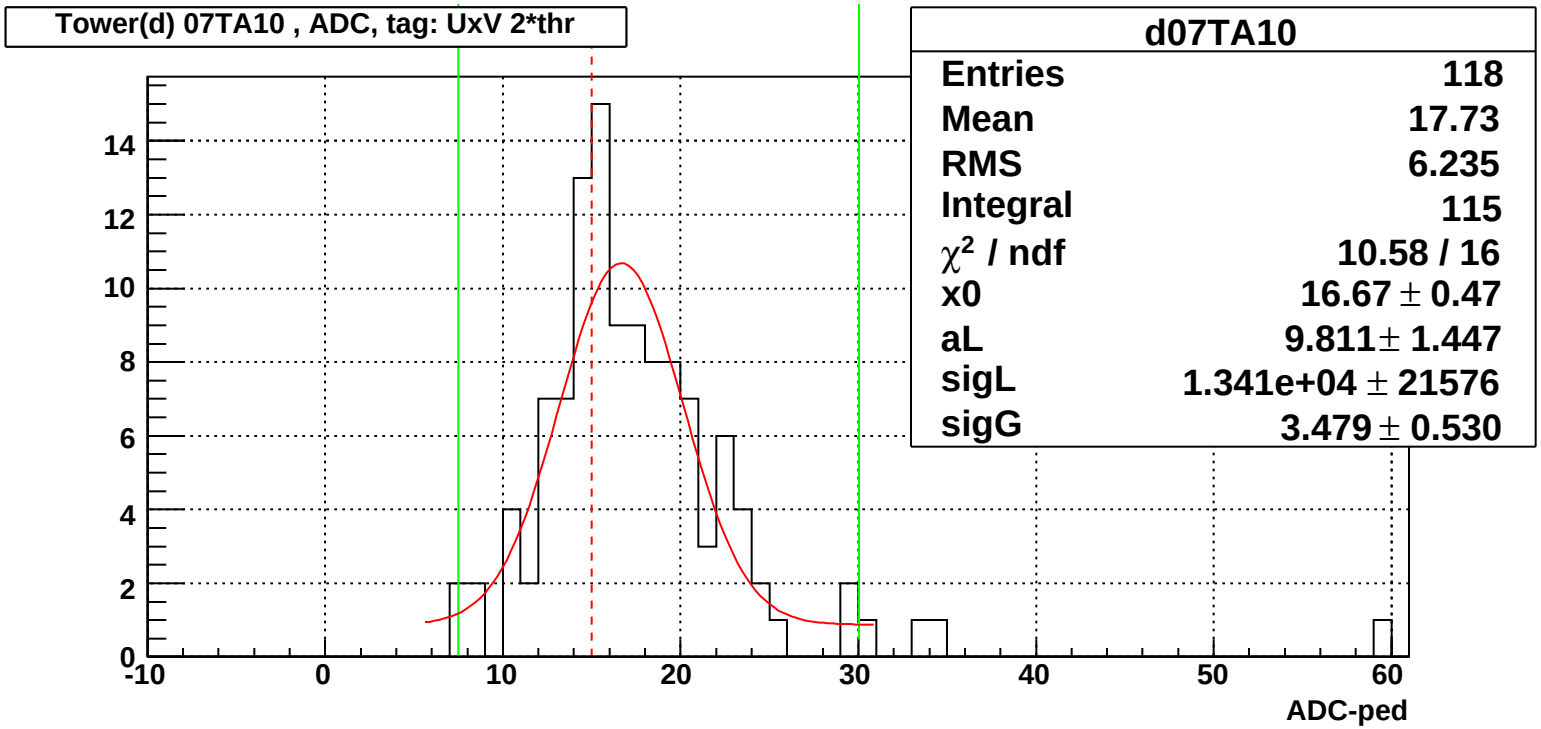

Tower(a) 06TD10 , inclusive ADC
a06TD10
Entries 1793874
Mean 0.2572
RMS 1.734
Integral 1.794e+06
χ² / ndf 1.5e+05 / 8
Constant 6.621e+05 ± 826
Mean 0.1342 ± 0.0008
Sigma 0.9844 ± 0.0010
ADC-ped

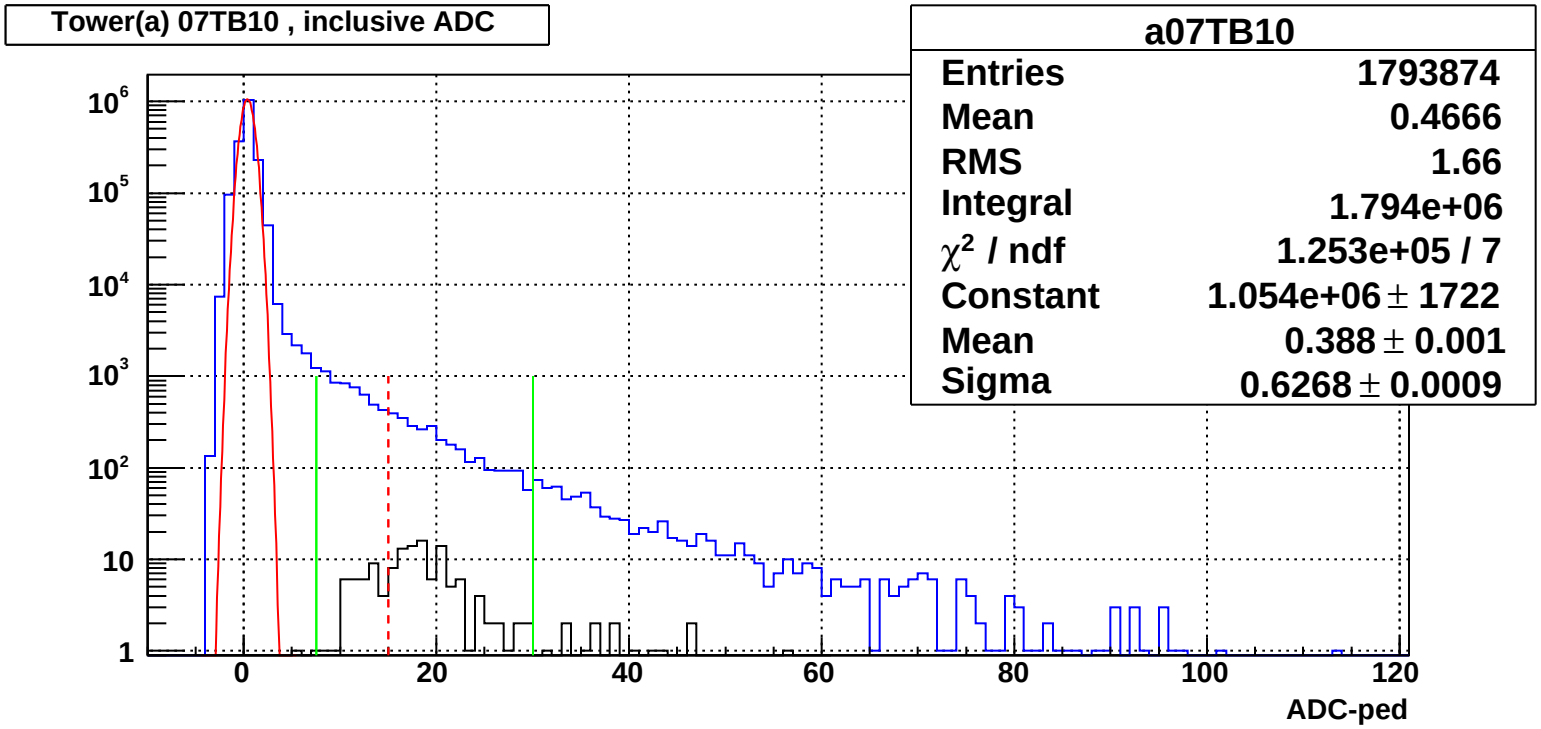

Tower(d) 06TD10 , ADC, tag: UxV 2*thr
d06TD10
Entries 105
Mean 18.86
RMS 7.948
Integral 104
χ² / ndf 12.33 / 20
x0 15.44 ± 0.04
aL 9.843 ± 2.705
sigL 2.702e+05 ± 12149174
sigG 2.536 ± 0.033
ADC-ped

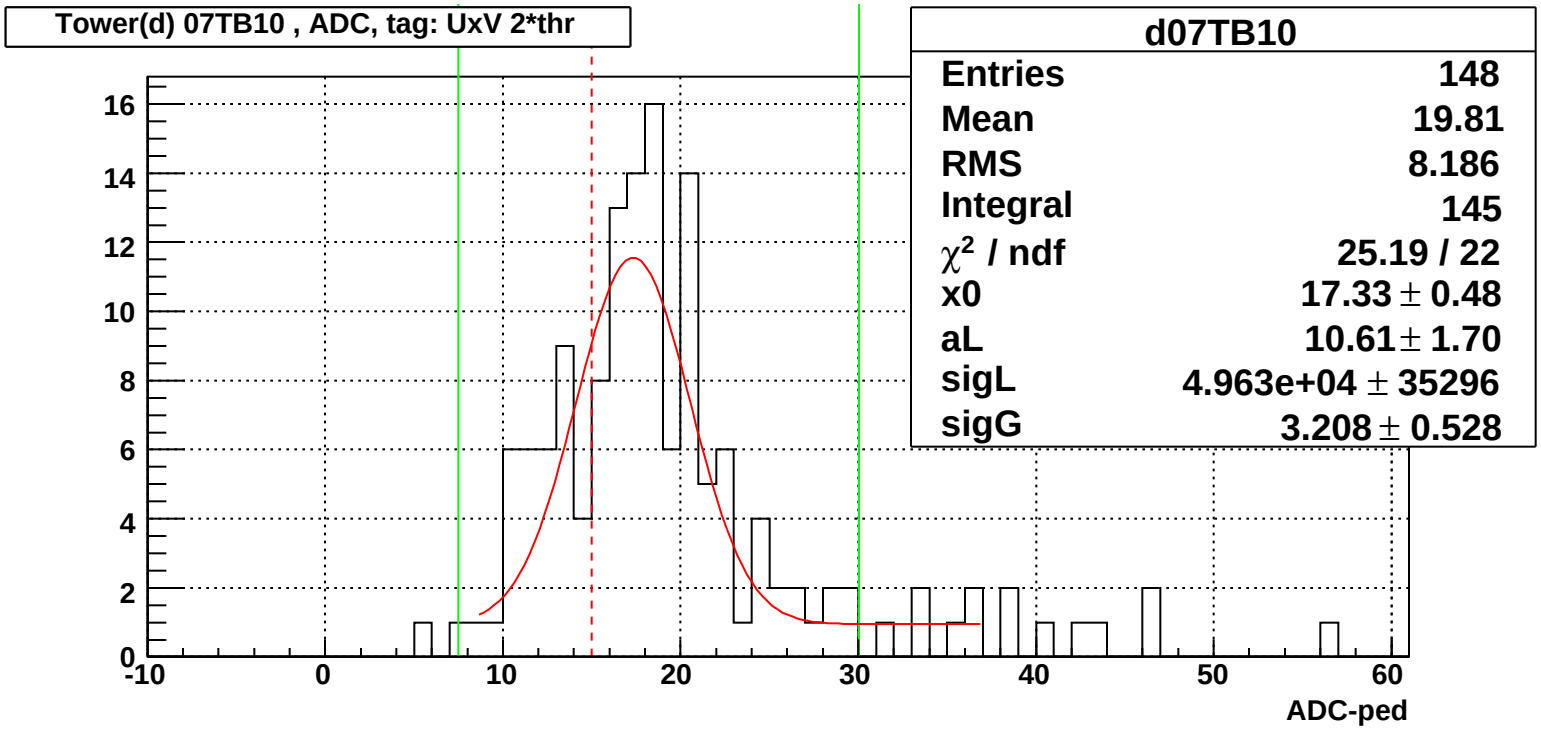

Tower(a) 06TE10 , inclusive ADC
a06TE10
Entries 1793874
Mean 0.1798
RMS 1.614
Integral 1.794e+06
χ² / ndf 1.677e+05 / 8
Constant 1.186e+06 ± 1838
Mean 0.2104 ± 0.0006
Sigma 0.5437 ± 0.0007
ADC-ped

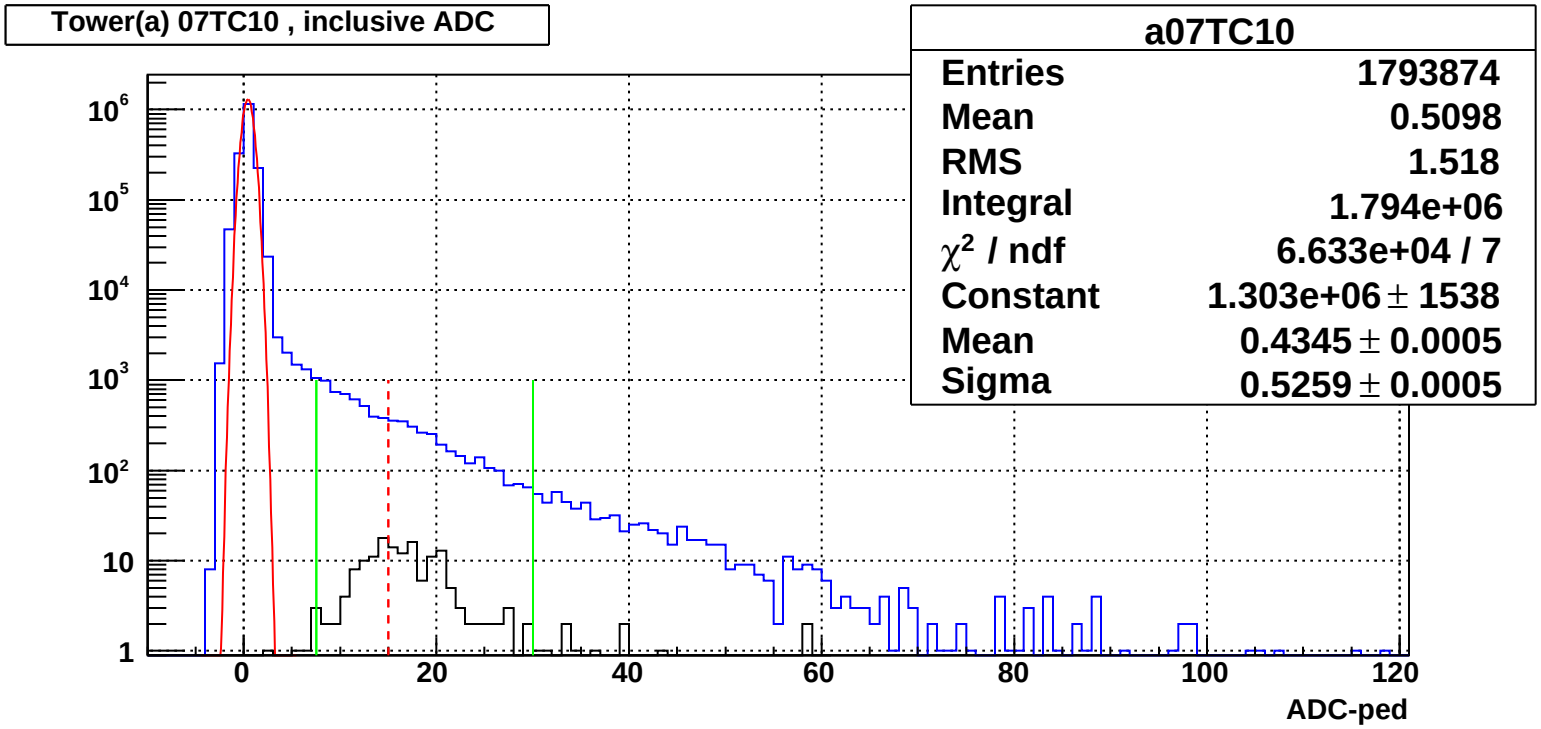

Tower(d) 06TE10 , ADC, tag: UxV 2*thr
d06TE10
Entries 133
Mean 20.42
RMS 10.46
Integral 131
χ² / ndf 21.94 / 17
x0 16.52 ± 0.35
aL 12.78 ± 1.71
sigL 4.692e+04 ± 1
sigG 2.25 ± 0.36
ADC-ped

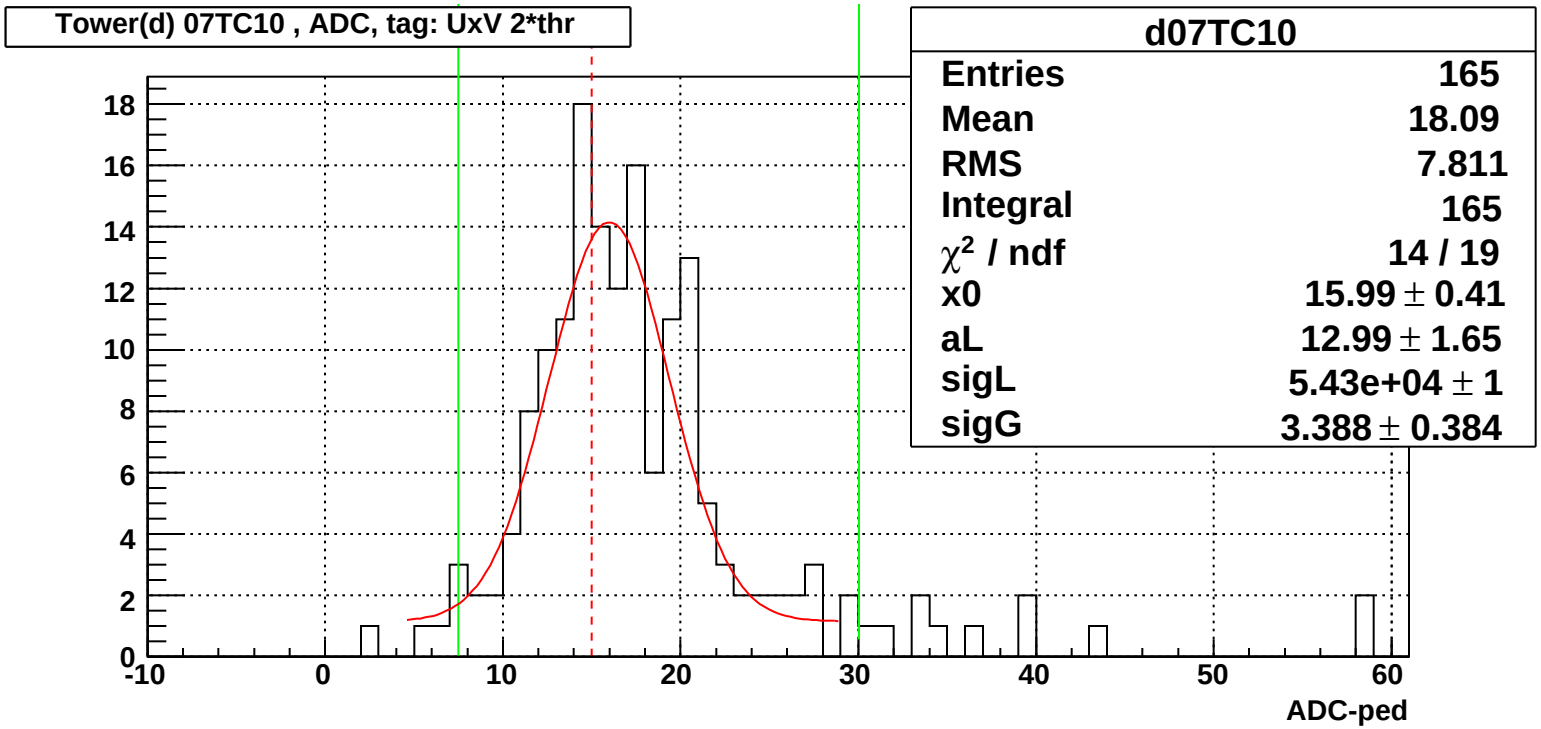

Tower(a) 07TA10 , inclusive ADC
a07TA10
Entries 1793874
Mean 0.4453
RMS 1.509
Integral 1.794e+06
χ² / ndf 5.731e+04 / 7
Constant 1.207e+06 ± 1521
Mean 0.3649 ± 0.0005
Sigma 0.5709 ± 0.0006
ADC-ped

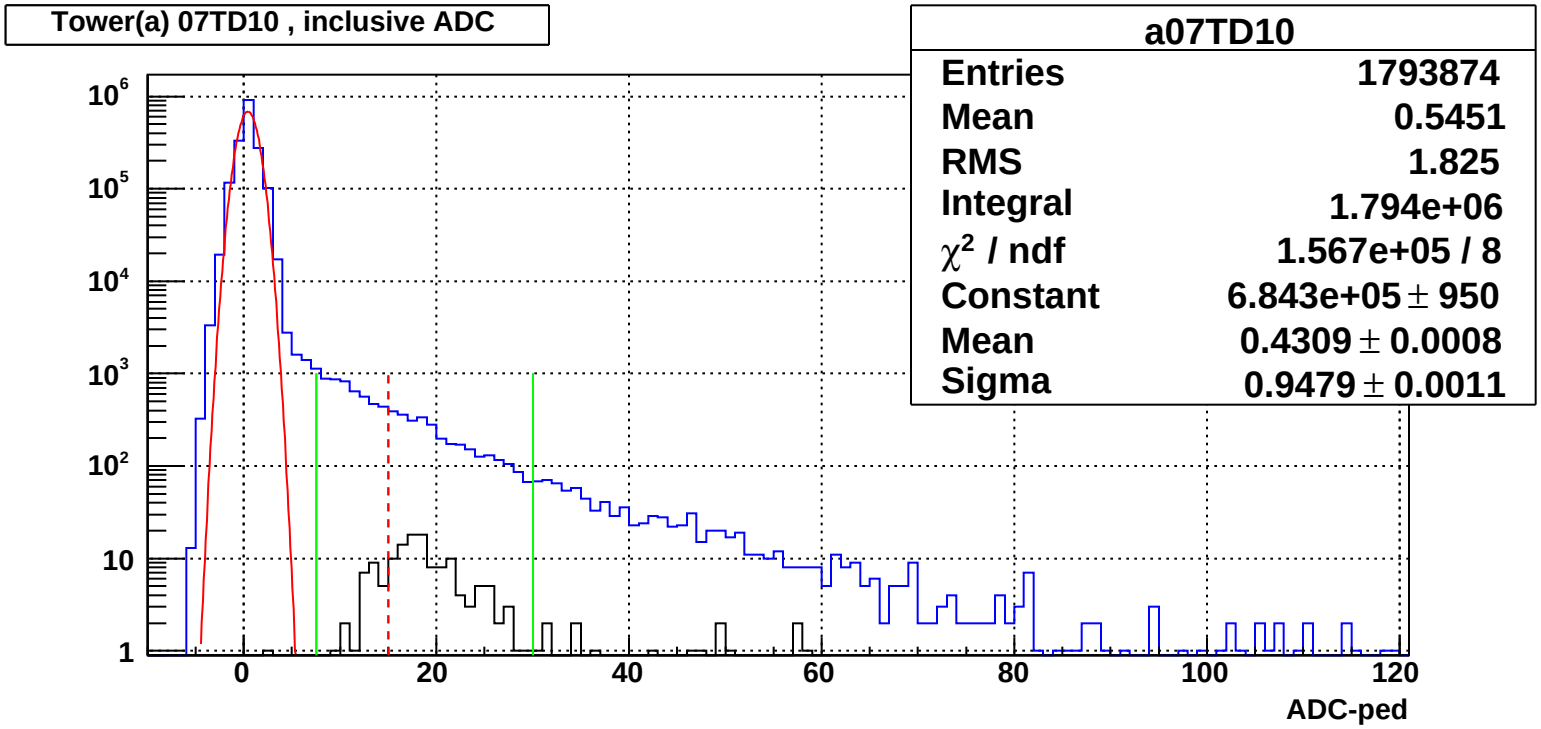

Tower(d) 07TA10 , ADC, tag: UxV 2*thr
d07TA10
Entries 118
Mean 17.73
RMS 6.235
Integral 115
χ² / ndf 10.58 / 16
x0 16.67 ± 0.47
aL 9.811 ± 1.447
sigL 1.341e+04 ± 21576
sigG 3.479 ± 0.530
ADC-ped

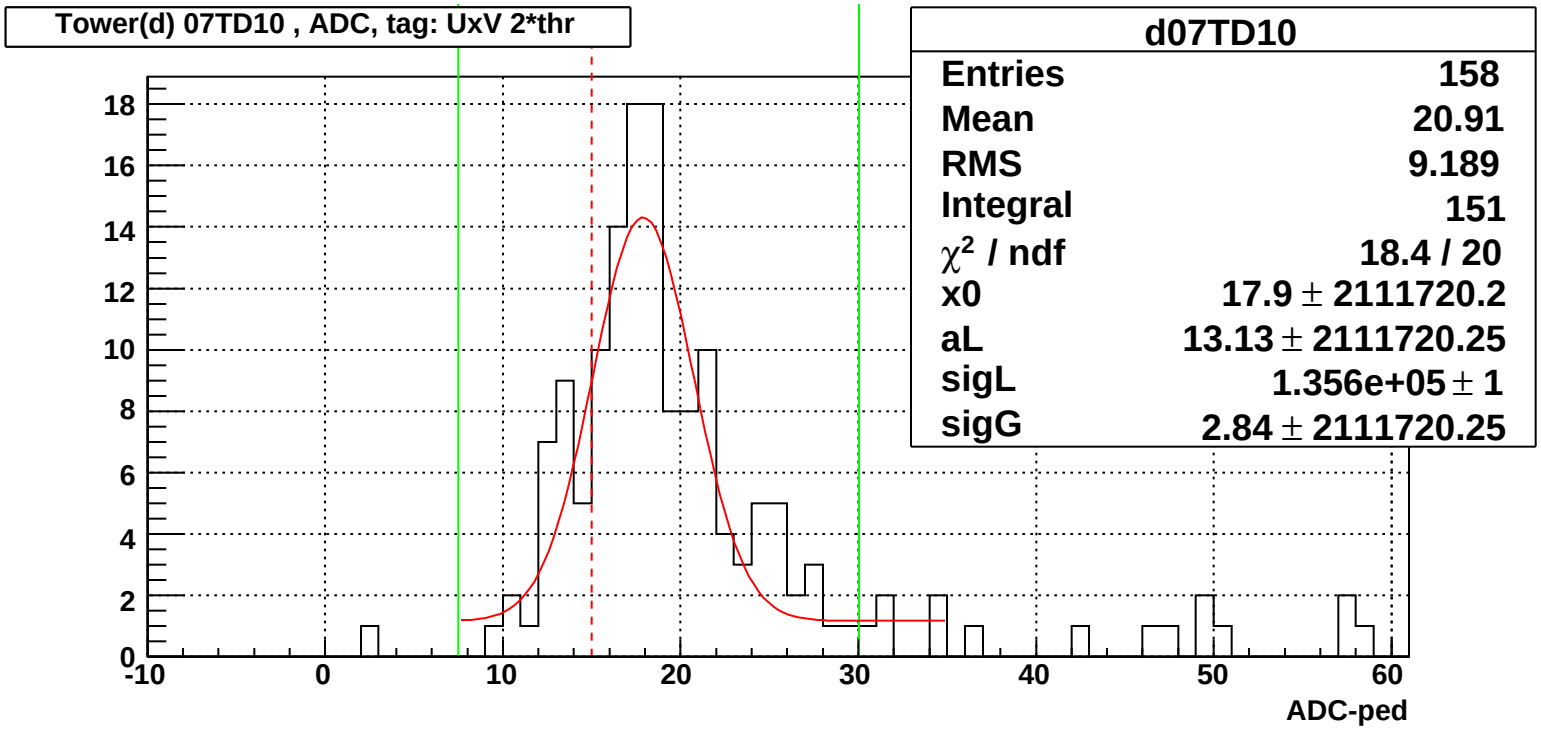

Tower(a) 07TB10 , inclusive ADC
a07TB10
Entries 1793874
Mean 0.4666
RMS 1.66
Integral 1.794e+06
χ² / ndf 1.253e+05 / 7
Constant 1.054e+06 ± 1722
Mean 0.388 ± 0.001
Sigma 0.6268 ± 0.0009
ADC-ped

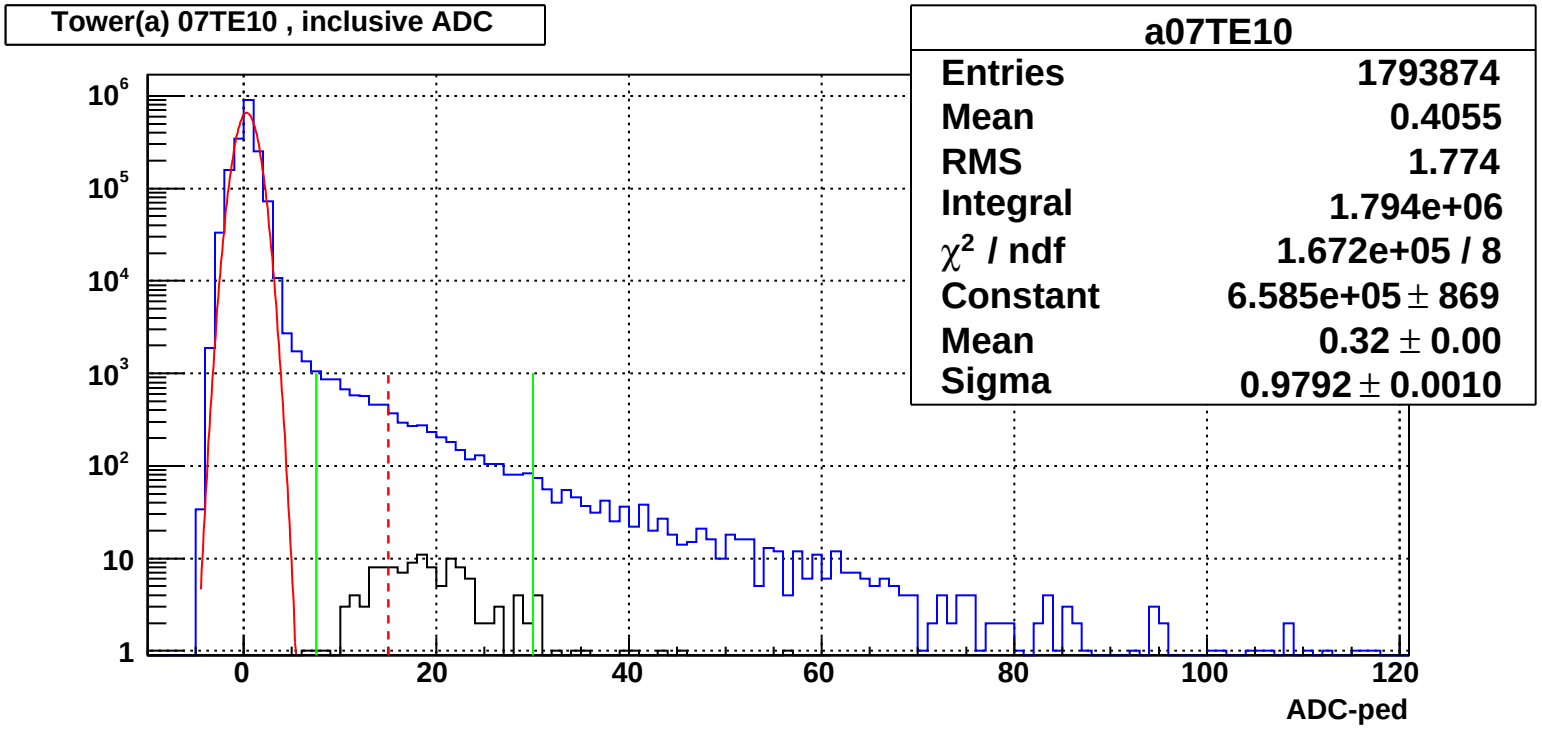

Tower(d) 07TB10 , ADC, tag: UxV 2*thr
d07TB10
Entries 148
Mean 19.81
RMS 8.186
Integral 145
χ² / ndf 25.19 / 22
x0 17.33 ± 0.48
aL 10.61 ± 1.70
sigL 4.963e+04 ± 35296
sigG 3.208 ± 0.528
ADC-ped

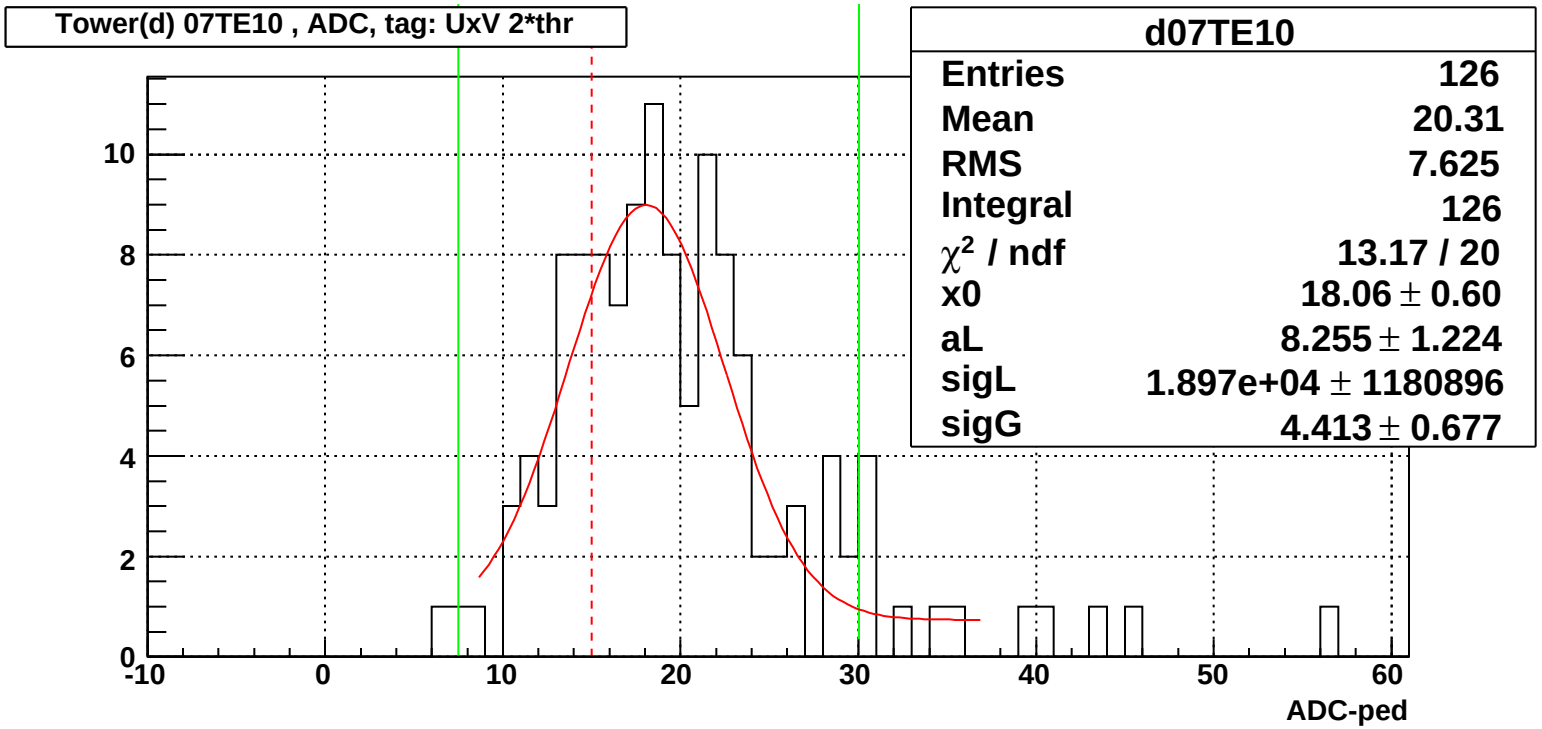

Tower(a) 07TC10 , inclusive ADC
a07TC10
Entries 1793874
Mean 0.5098
RMS 1.518
Integral 1.794e+06
χ² / ndf 6.633e+04 / 7
Constant 1.303e+06 ± 1538
Mean 0.4345 ± 0.0005
Sigma 0.5259 ± 0.0005
ADC-ped

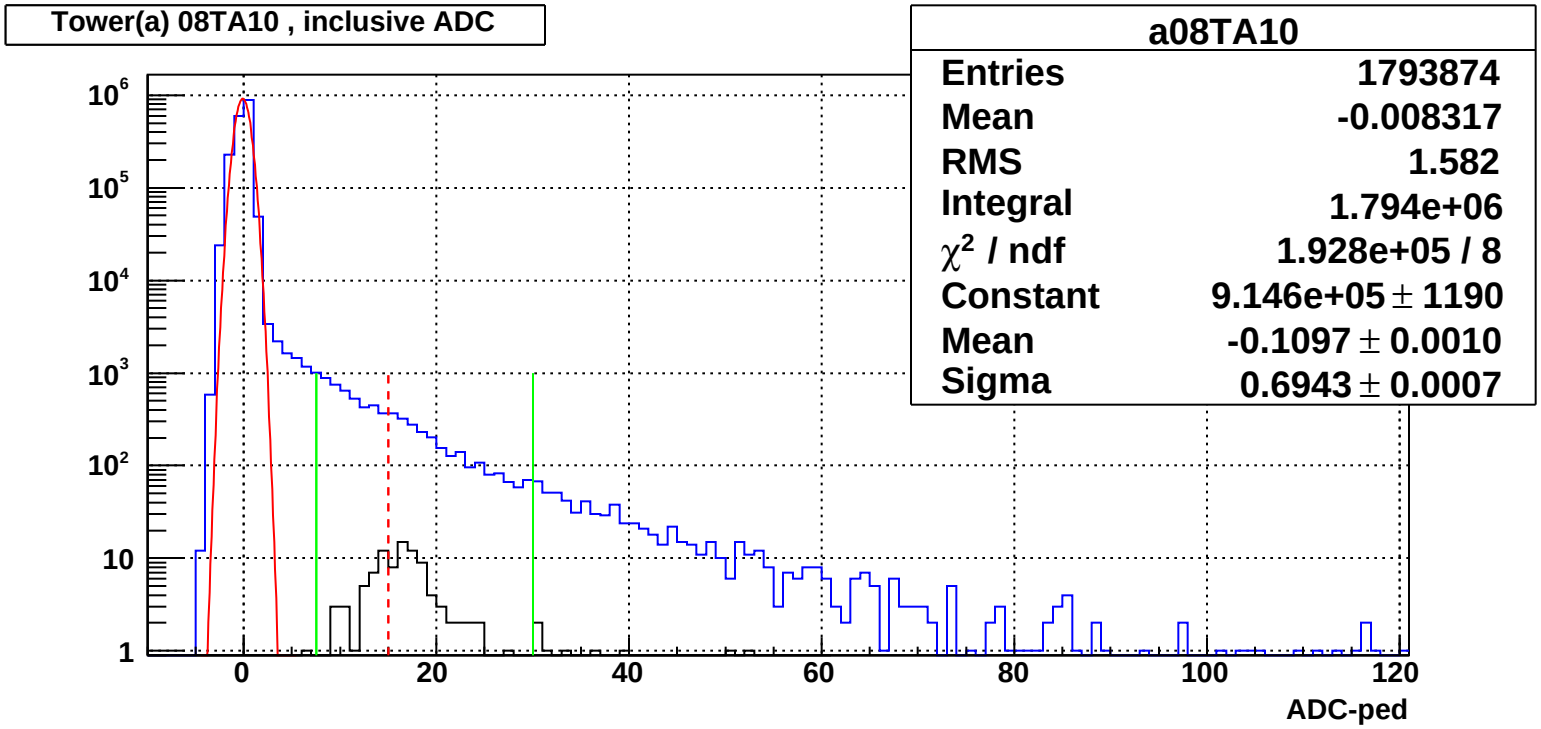

Tower(d) 07TC10 , ADC, tag: UxV 2*thr
d07TC10
Entries 165
Mean 18.09
RMS 7.811
Integral 165
χ² / ndf 14 / 19
x0 15.99 ± 0.41
aL 12.99 ± 1.65
sigL 5.43e+04 ± 1
sigG 3.388 ± 0.384
ADC-ped

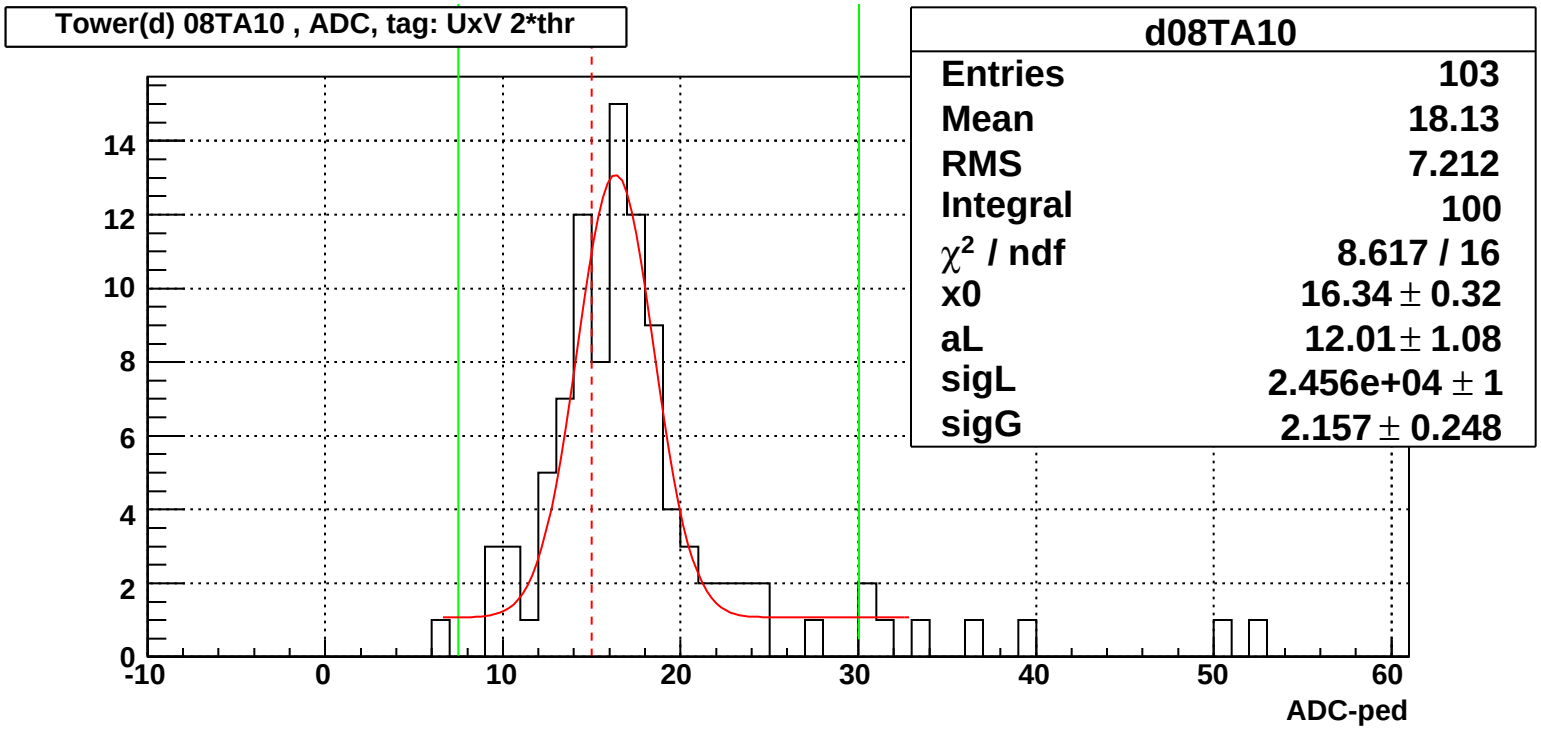

Tower(a) 07TD10 , inclusive ADC
a07TD10
Entries 1793874
Mean 0.5451
RMS 1.825
Integral 1.794e+06
χ² / ndf 1.567e+05 / 8
Constant 6.843e+05 ± 950
Mean 0.4309 ± 0.0008
Sigma 0.9479 ± 0.0011
ADC-ped

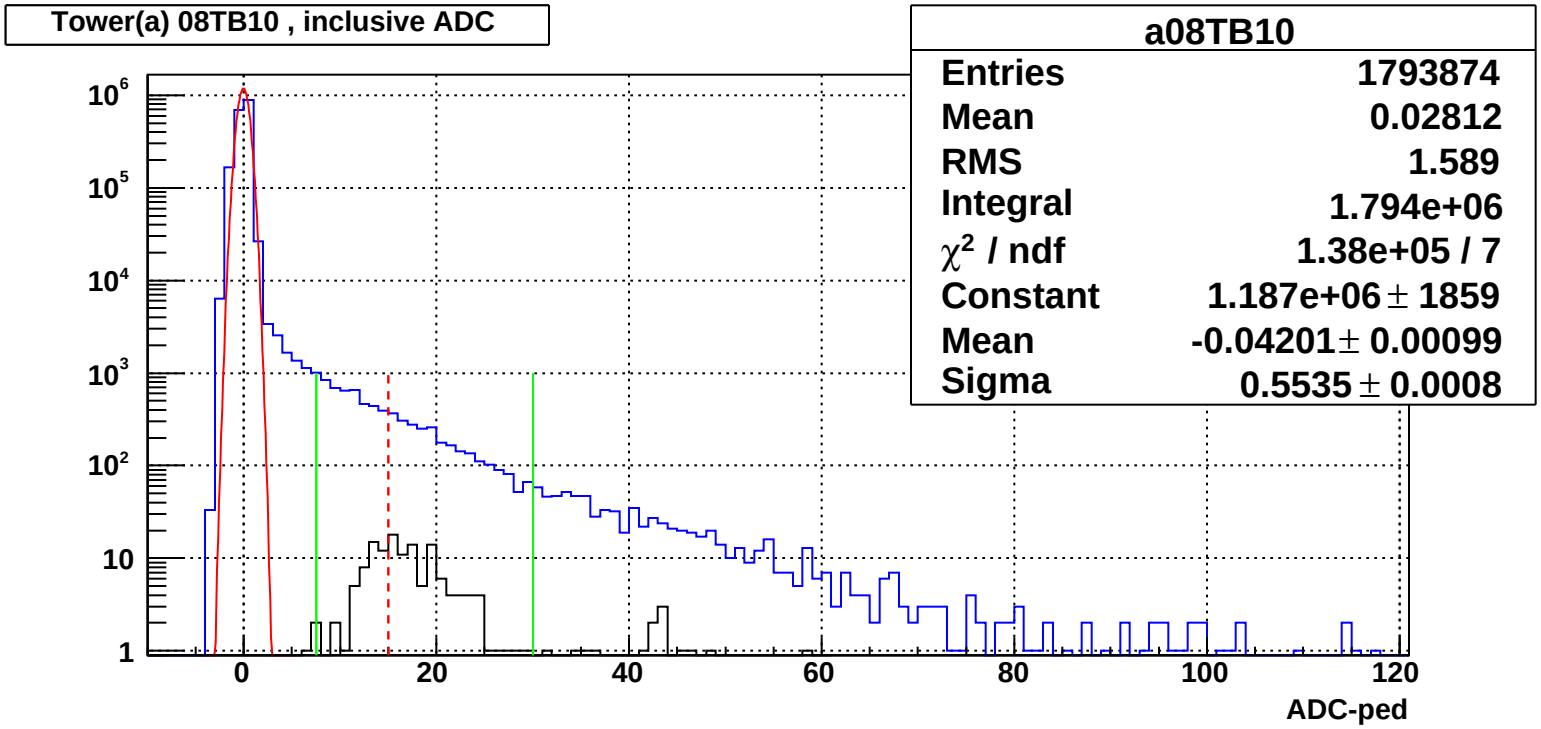

Tower(d) 07TD10 , ADC, tag: UxV 2*thr
d07TD10
Entries 158
Mean 20.91
RMS 9.189
Integral 151
χ² / ndf 18.4 / 20
x0 17.9 ± 2111720.2
aL 13.13 ± 2111720.25
sigL 1.356e+05 ± 1
sigG 2.84 ± 2111720.25
ADC-ped

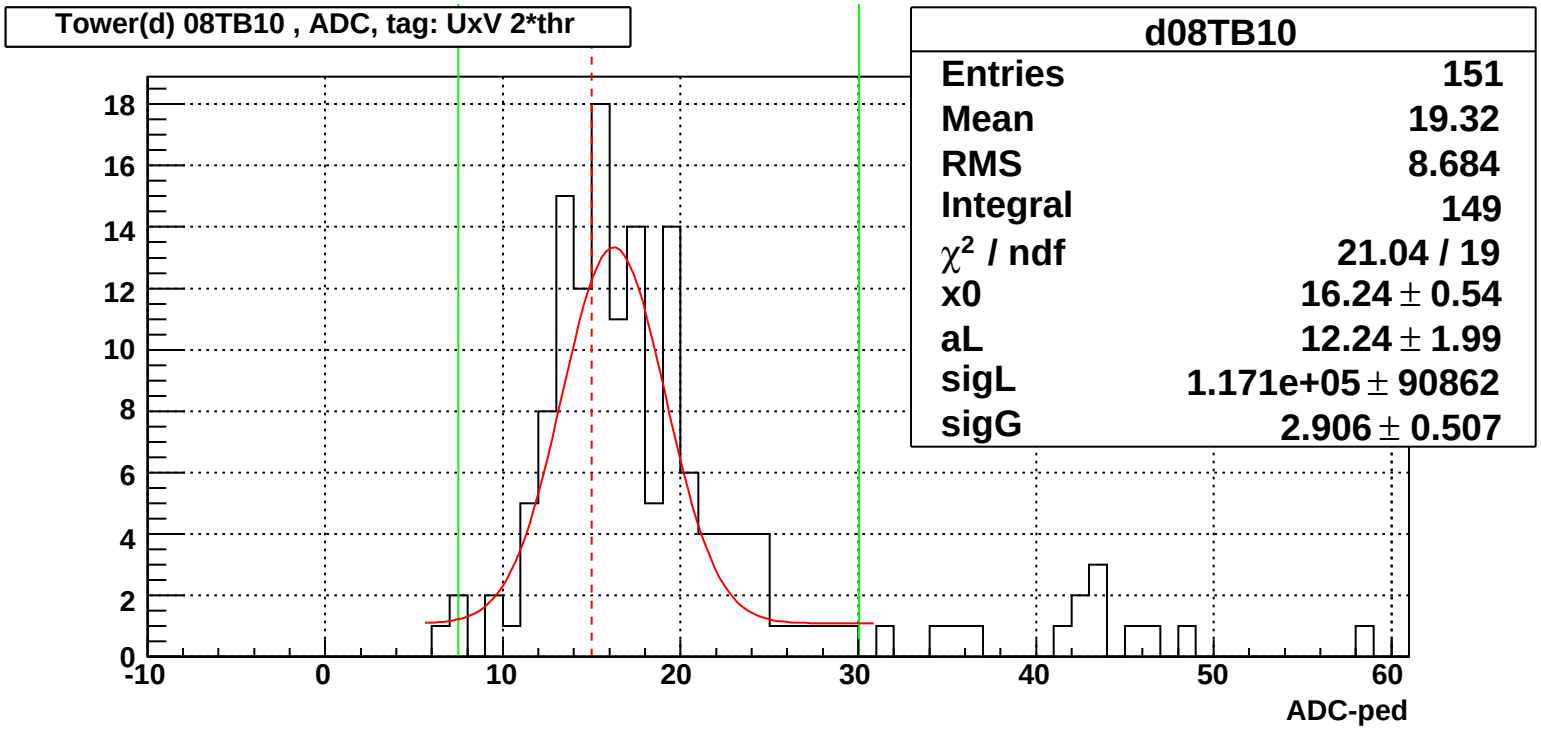

Tower(a) 07TE10 , inclusive ADC
a07TE10
Entries 1793874
Mean 0.4055
RMS 1.774
Integral 1.794e+06
χ² / ndf 1.672e+05 / 8
Constant 6.585e+05 ± 869
Mean 0.32 ± 0.00
Sigma 0.9792 ± 0.0010
ADC-ped

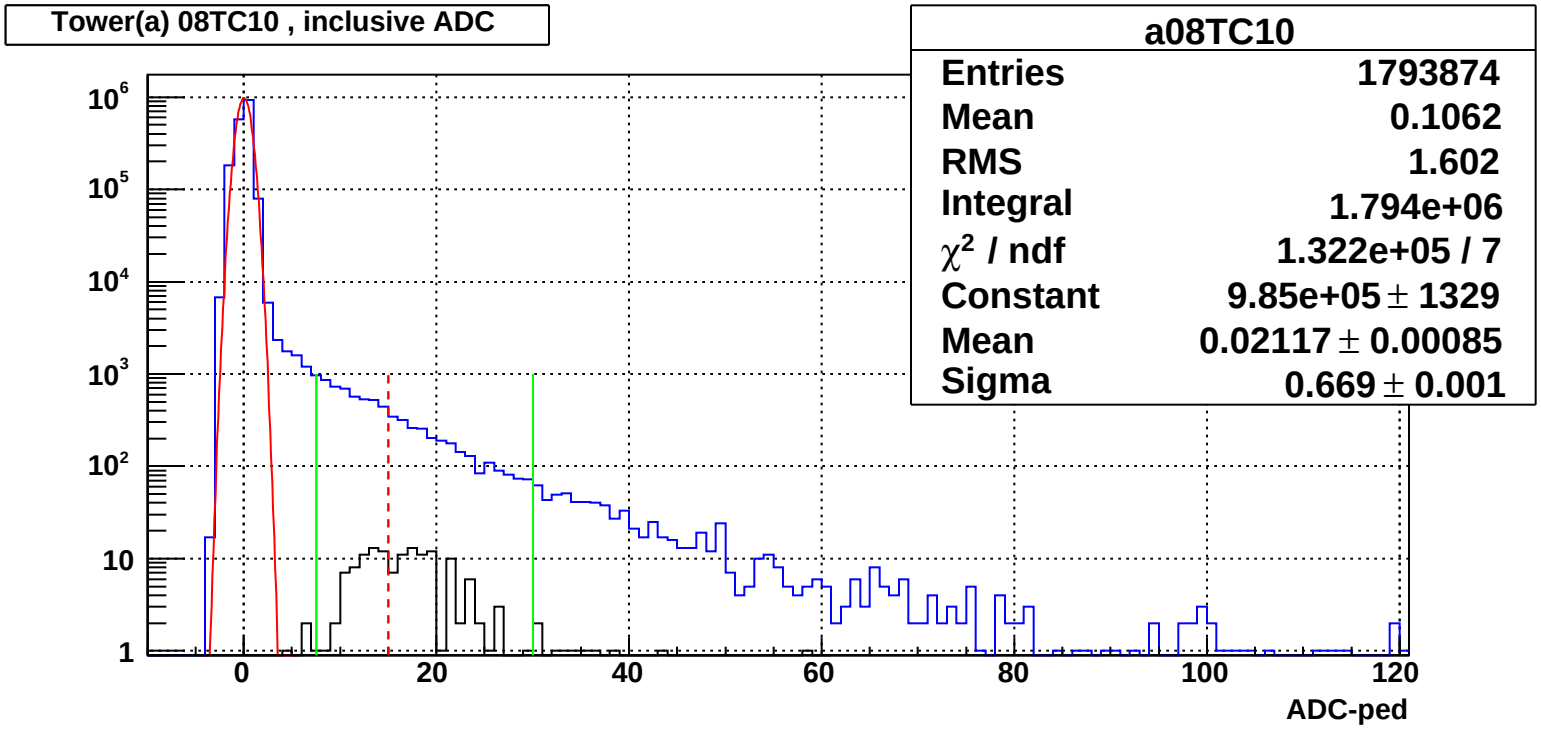

Tower(d) 07TE10 , ADC, tag: UxV 2*thr
d07TE10
Entries 126
Mean 20.31
RMS 7.625
Integral 126
χ² / ndf 13.17 / 20
x0 18.06 ± 0.60
aL 8.255 ± 1.224
sigL 1.897e+04 ± 1180896
sigG 4.413 ± 0.677
ADC-ped

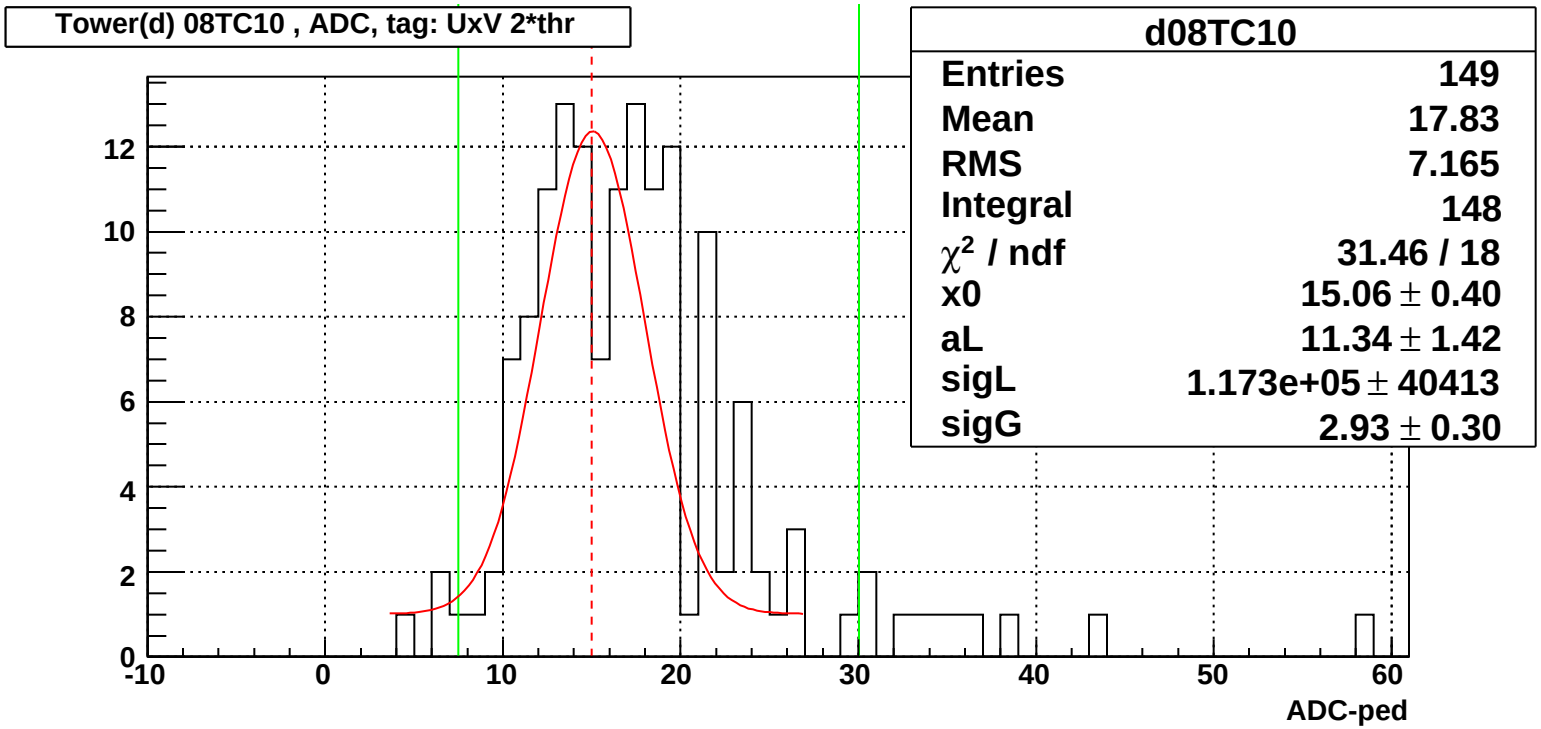

Tower(a) 08TA10 , inclusive ADC
a08TA10
Entries 1793874
Mean -0.008317
RMS 1.582
Integral 1.794e+06
χ² / ndf 1.928e+05 / 8
Constant 9.146e+05 ± 1190
Mean -0.1097 ± 0.0010
Sigma 0.6943 ± 0.0007
ADC-ped

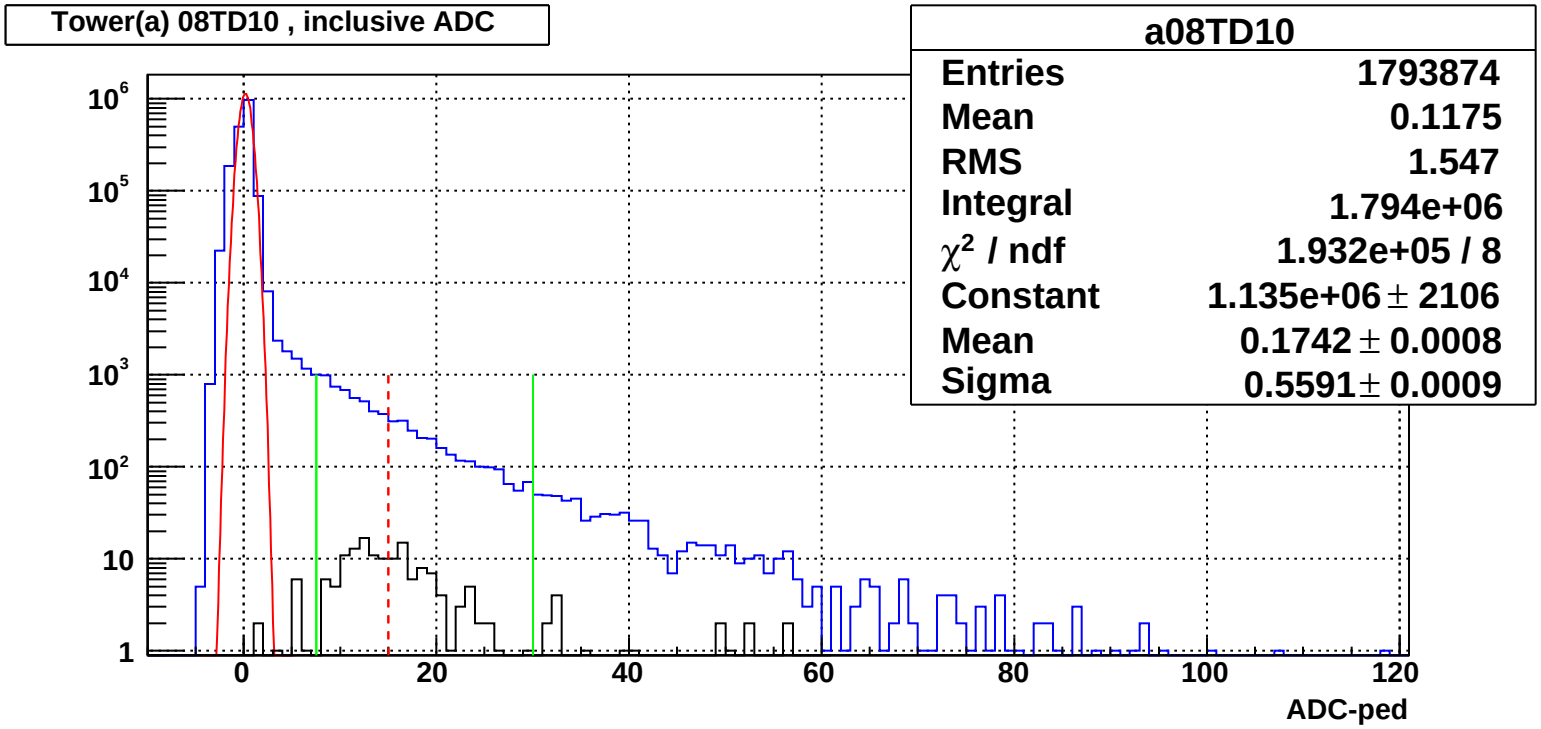

Tower(d) 08TA10 , ADC, tag: UxV 2*thr
d08TA10
Entries 103
Mean 18.13
RMS 7.212
Integral 100
χ² / ndf 8.617 / 16
x0 16.34 ± 0.32
aL 12.01 ± 1.08
sigL 2.456e+04 ± 1
sigG 2.157 ± 0.248
ADC-ped

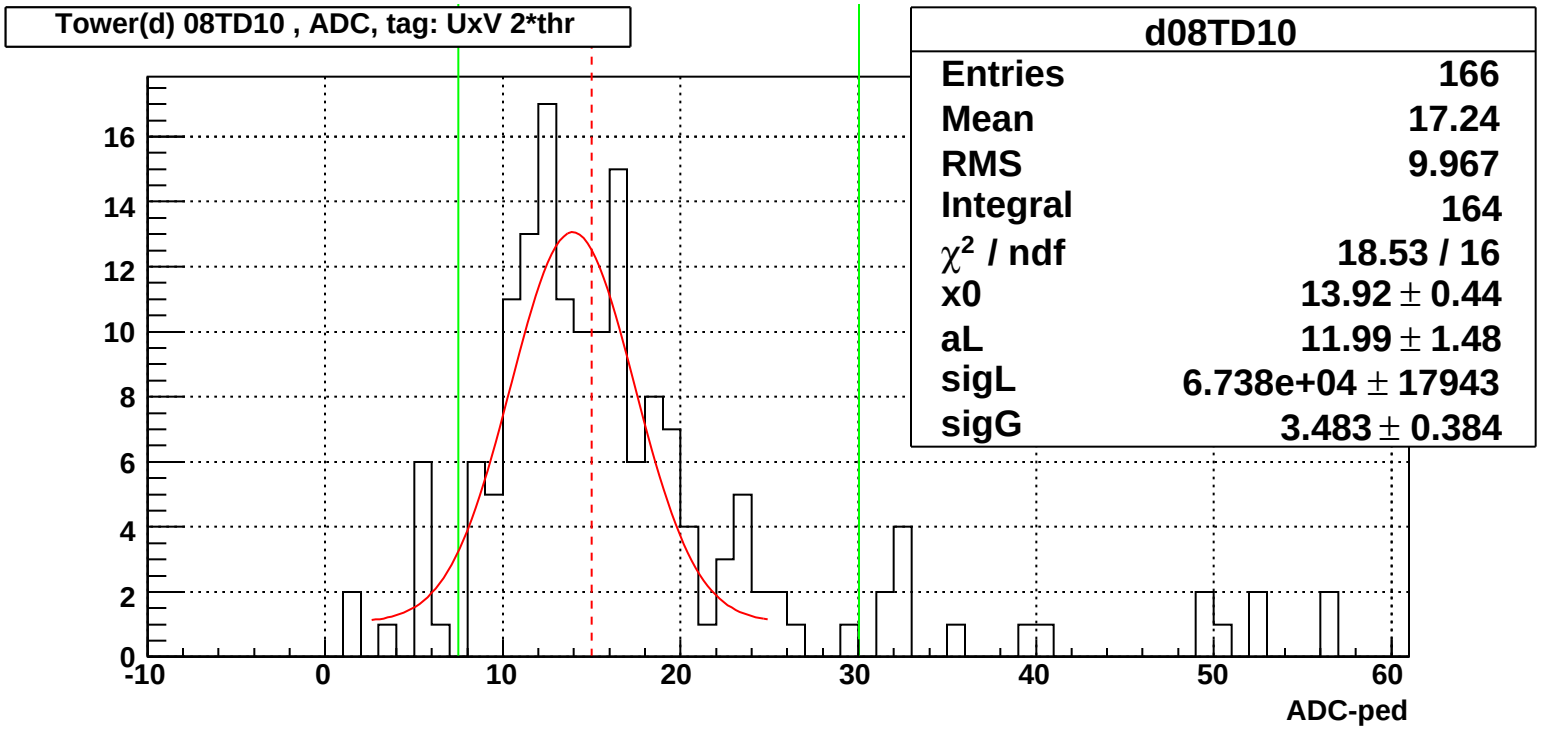

Tower(a) 08TB10 , inclusive ADC
a08TB10
Entries 1793874
Mean 0.02812
RMS 1.589
Integral 1.794e+06
χ² / ndf 1.38e+05 / 7
Constant 1.187e+06 ± 1859
Mean -0.04201 ± 0.00099
Sigma 0.5535 ± 0.0008
ADC-ped

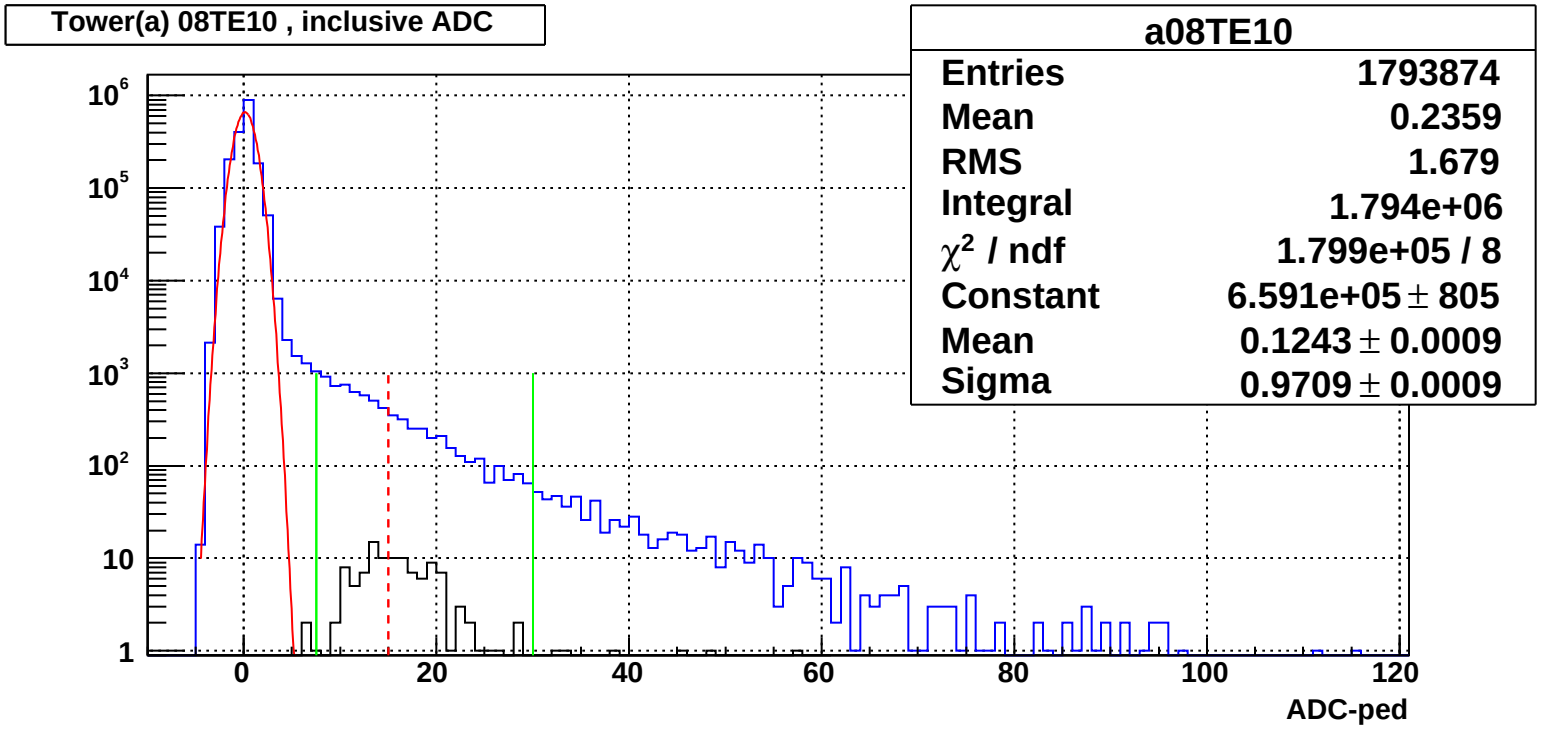

Tower(d) 08TB10 , ADC, tag: UxV 2*thr
d08TB10
Entries 151
Mean 19.32
RMS 8.684
Integral 149
χ² / ndf 21.04 / 19
x0 16.24 ± 0.54
aL 12.24 ± 1.99
sigL 1.171e+05 ± 90862
sigG 2.906 ± 0.507
ADC-ped

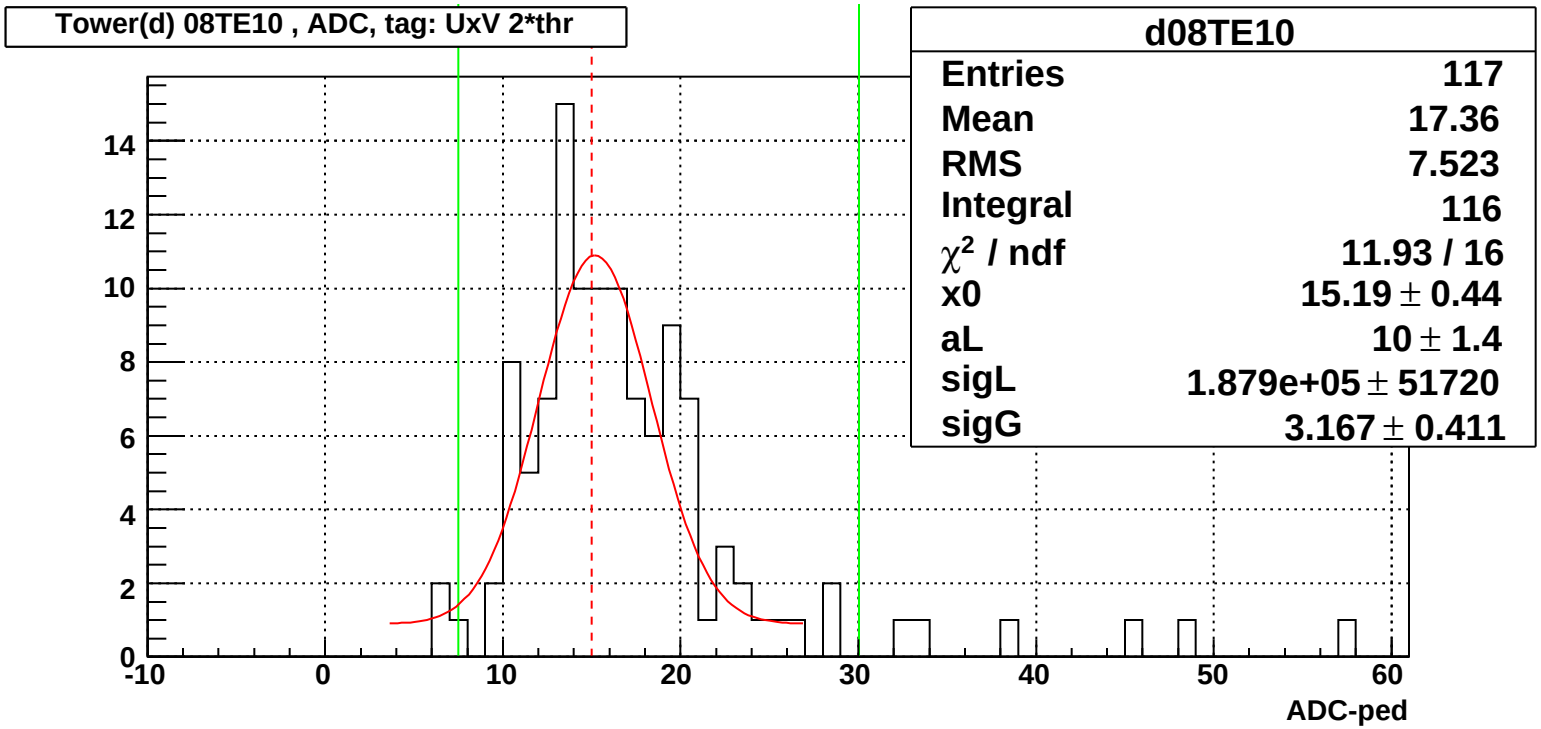

Tower(a) 08TC10 , inclusive ADC
a08TC10
Entries 1793874
Mean 0.1062
RMS 1.602
Integral 1.794e+06
χ² / ndf 1.322e+05 / 7
Constant 9.85e+05 ± 1329
Mean 0.02117 ± 0.00085
Sigma 0.669 ± 0.001
ADC-ped

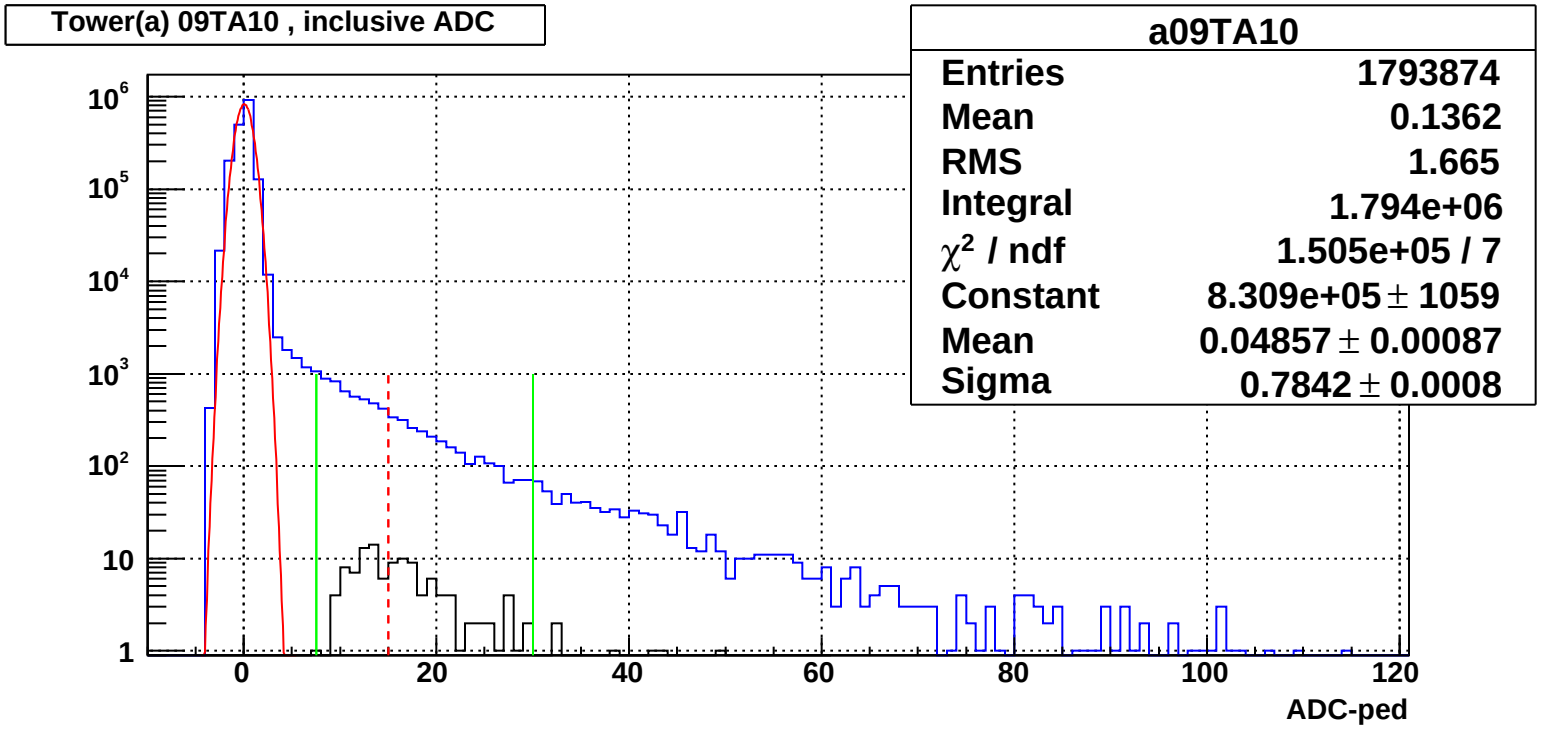

Tower(d) 08TC10 , ADC, tag: UxV 2*thr
d08TC10
Entries 149
Mean 17.83
RMS 7.165
Integral 148
χ² / ndf 31.46 / 18
x0 15.06 ± 0.40
aL 11.34 ± 1.42
sigL 1.173e+05 ± 40413
sigG 2.93 ± 0.30
ADC-ped

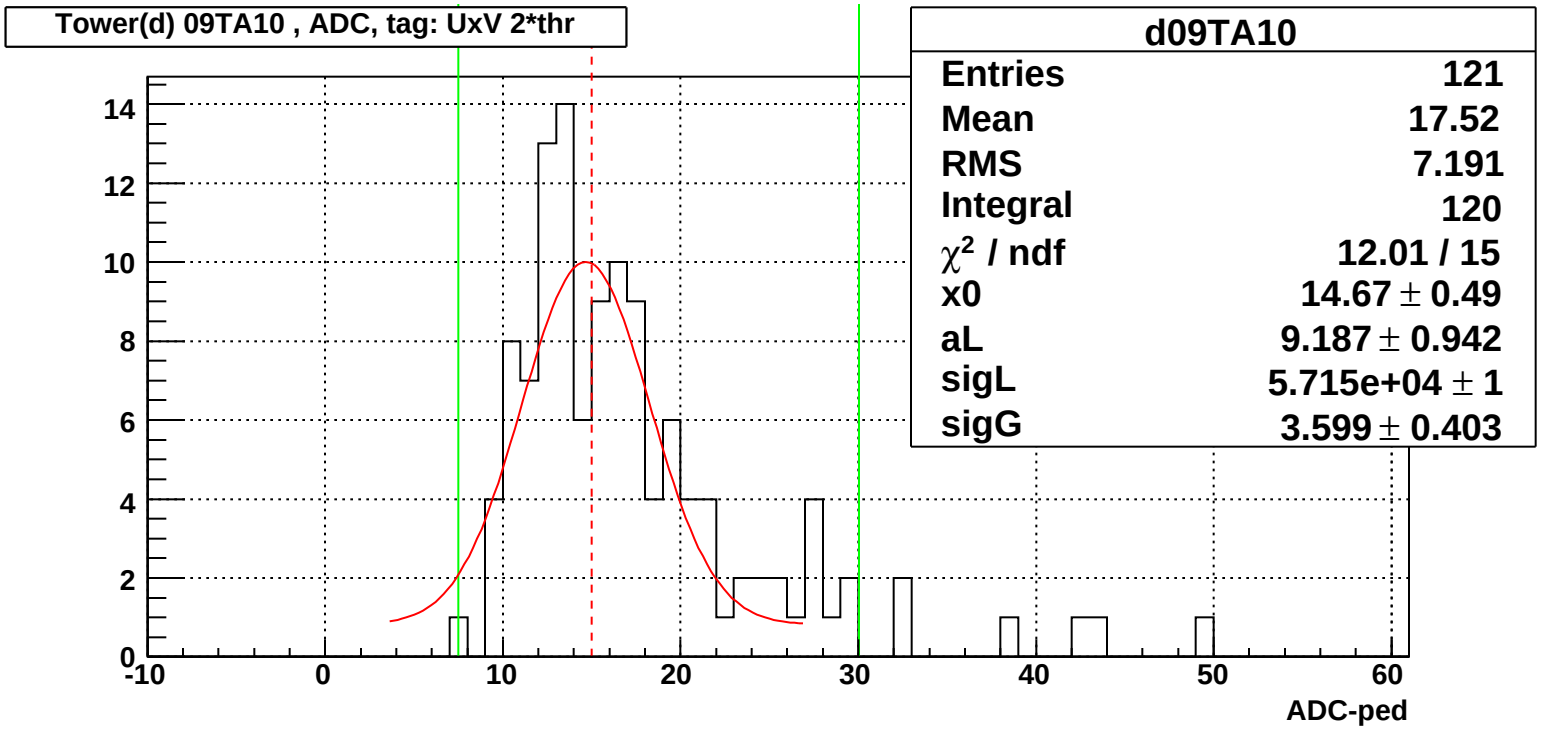

Tower(a) 08TD10 , inclusive ADC
a08TD10
Entries 1793874
Mean 0.1175
RMS 1.547
Integral 1.794e+06
χ² / ndf 1.932e+05 / 8
Constant 1.135e+06 ± 2106
Mean 0.1742 ± 0.0008
Sigma 0.5591 ± 0.0009
ADC-ped

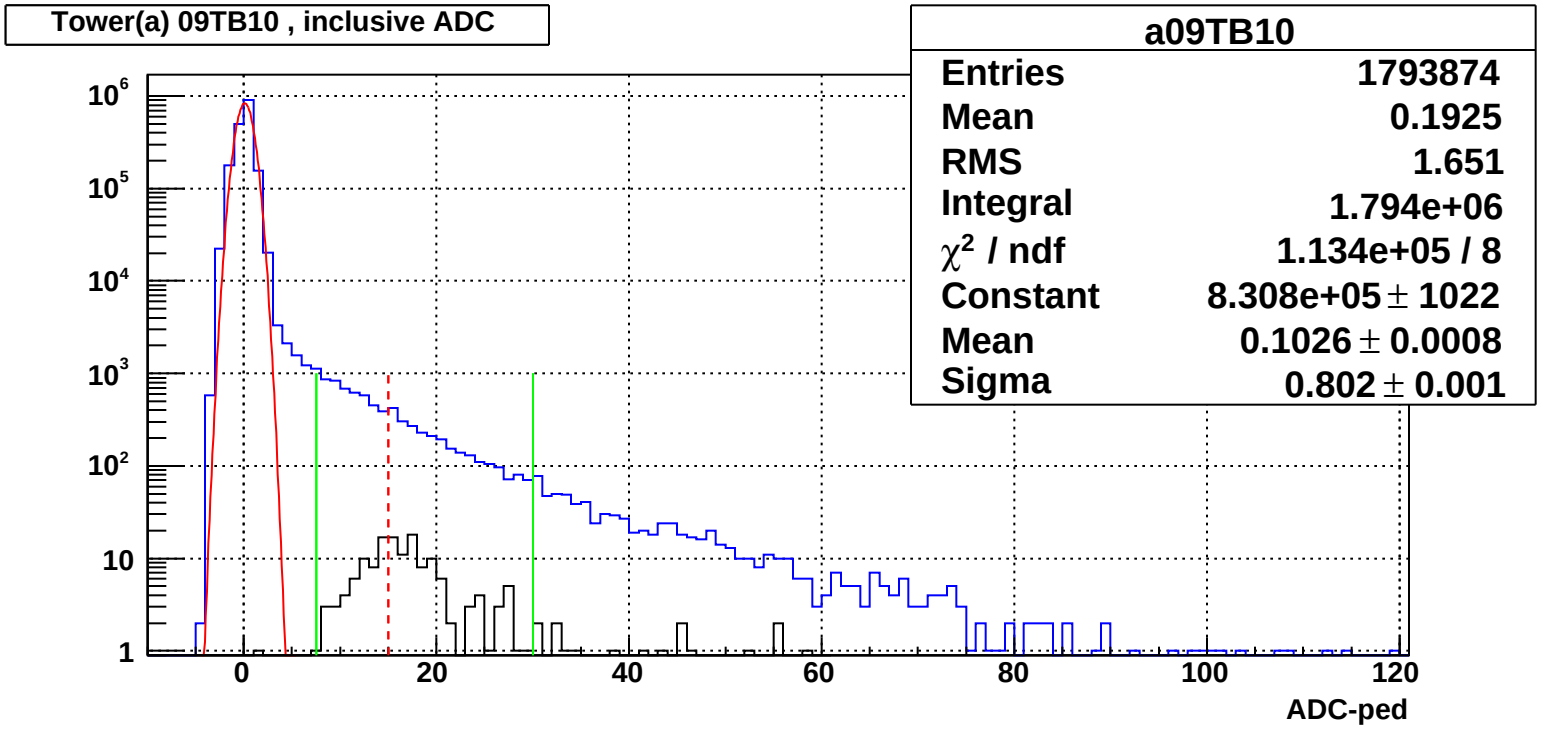

Tower(d) 08TD10 , ADC, tag: UxV 2*thr
d08TD10
Entries 166
Mean 17.24
RMS 9.967
Integral 164
χ² / ndf 18.53 / 16
x0 13.92 ± 0.44
aL 11.99 ± 1.48
sigL 6.738e+04 ± 17943
sigG 3.483 ± 0.384
ADC-ped

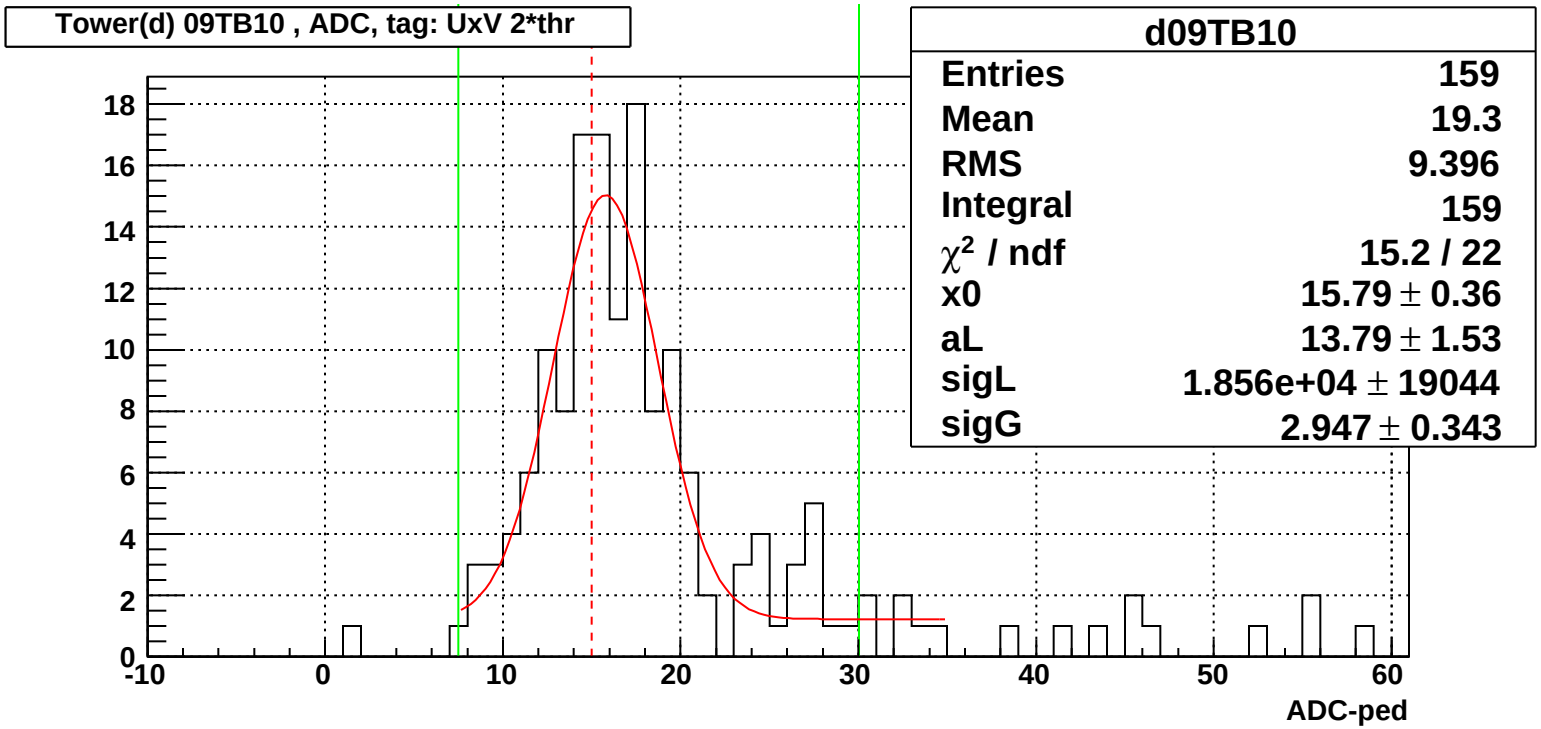

Tower(a) 08TE10 , inclusive ADC
a08TE10
Entries 1793874
Mean 0.2359
RMS 1.679
Integral 1.794e+06
χ² / ndf 1.799e+05 / 8
Constant 6.591e+05 ± 805
Mean 0.1243 ± 0.0009
Sigma 0.9709 ± 0.0009
ADC-ped

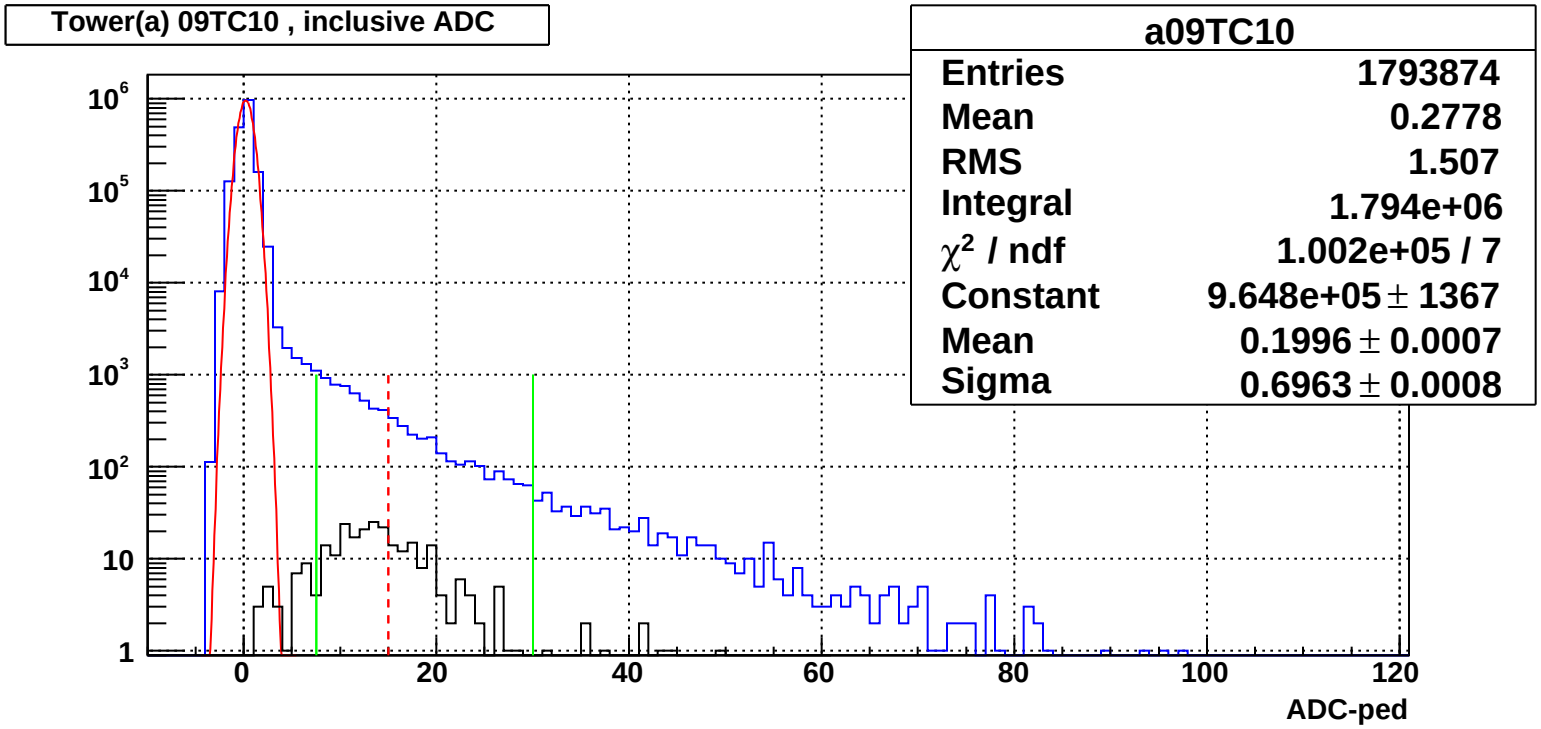

Tower(d) 08TE10 , ADC, tag: UxV 2*thr
d08TE10
Entries 117
Mean 17.36
RMS 7.523
Integral 116
χ² / ndf 11.93 / 16
x0 15.19 ± 0.44
aL 10 ± 1.4
sigL 1.879e+05 ± 51720
sigG 3.167 ± 0.411
ADC-ped

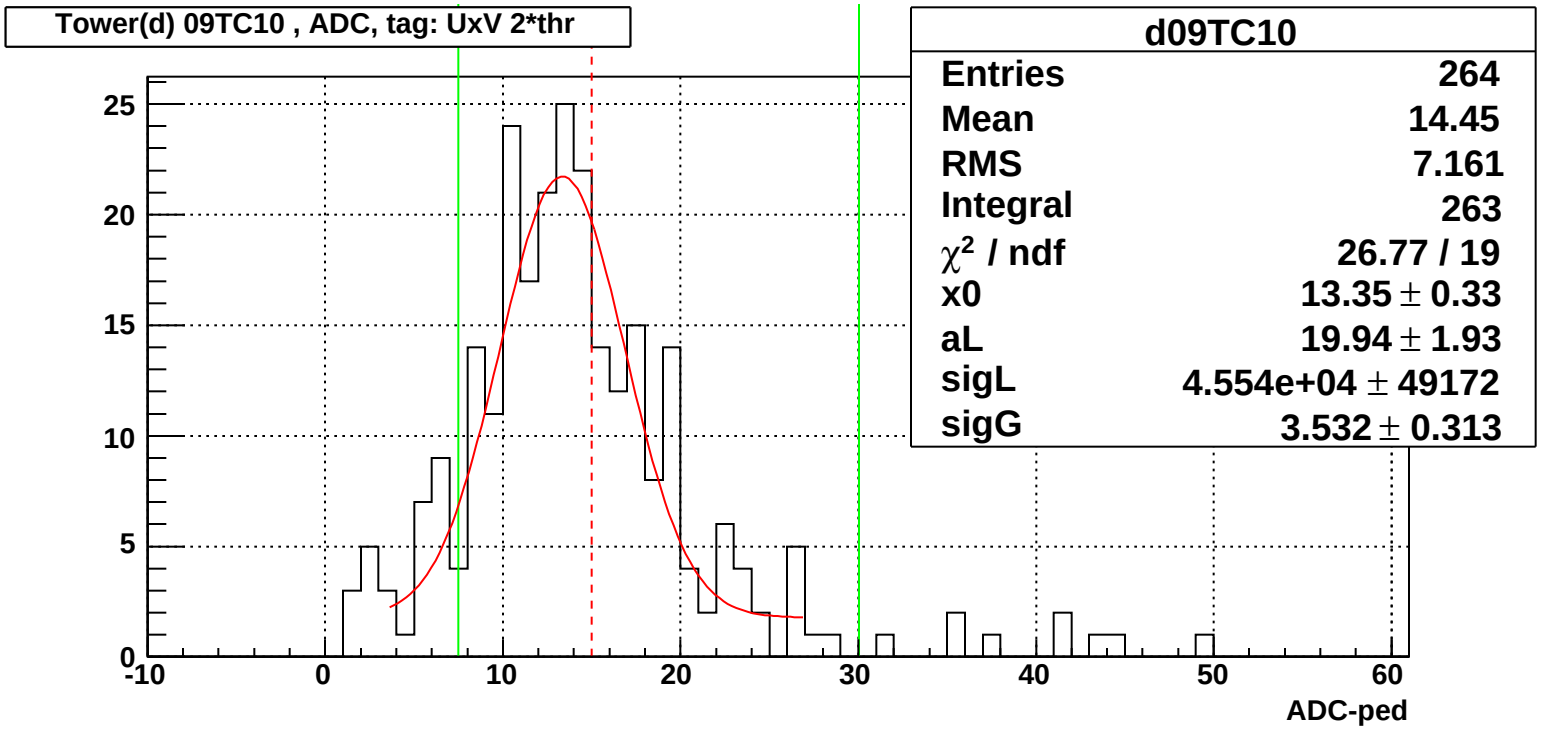

Tower(a) 09TA10 , inclusive ADC
a09TA10
Entries 1793874
Mean 0.1362
RMS 1.665
Integral 1.794e+06
χ² / ndf 1.505e+05 / 7
Constant 8.309e+05 ± 1059
Mean 0.04857 ± 0.00087
Sigma 0.7842 ± 0.0008
ADC-ped

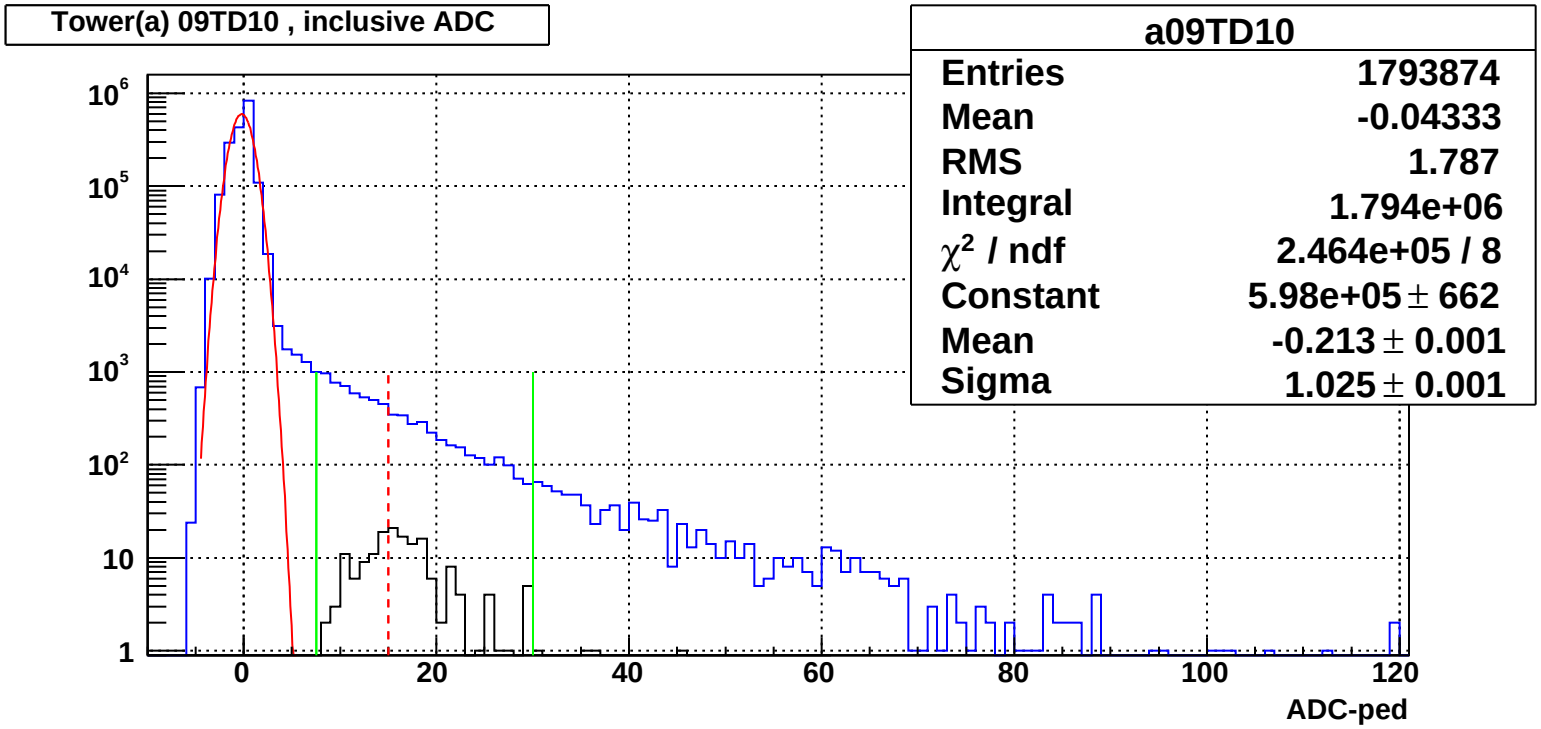

Tower(d) 09TA10 , ADC, tag: UxV 2*thr
d09TA10
Entries 121
Mean 17.52
RMS 7.191
Integral 120
χ² / ndf 12.01 / 15
x0 14.67 ± 0.49
aL 9.187 ± 0.942
sigL 5.715e+04 ± 1
sigG 3.599 ± 0.403
ADC-ped

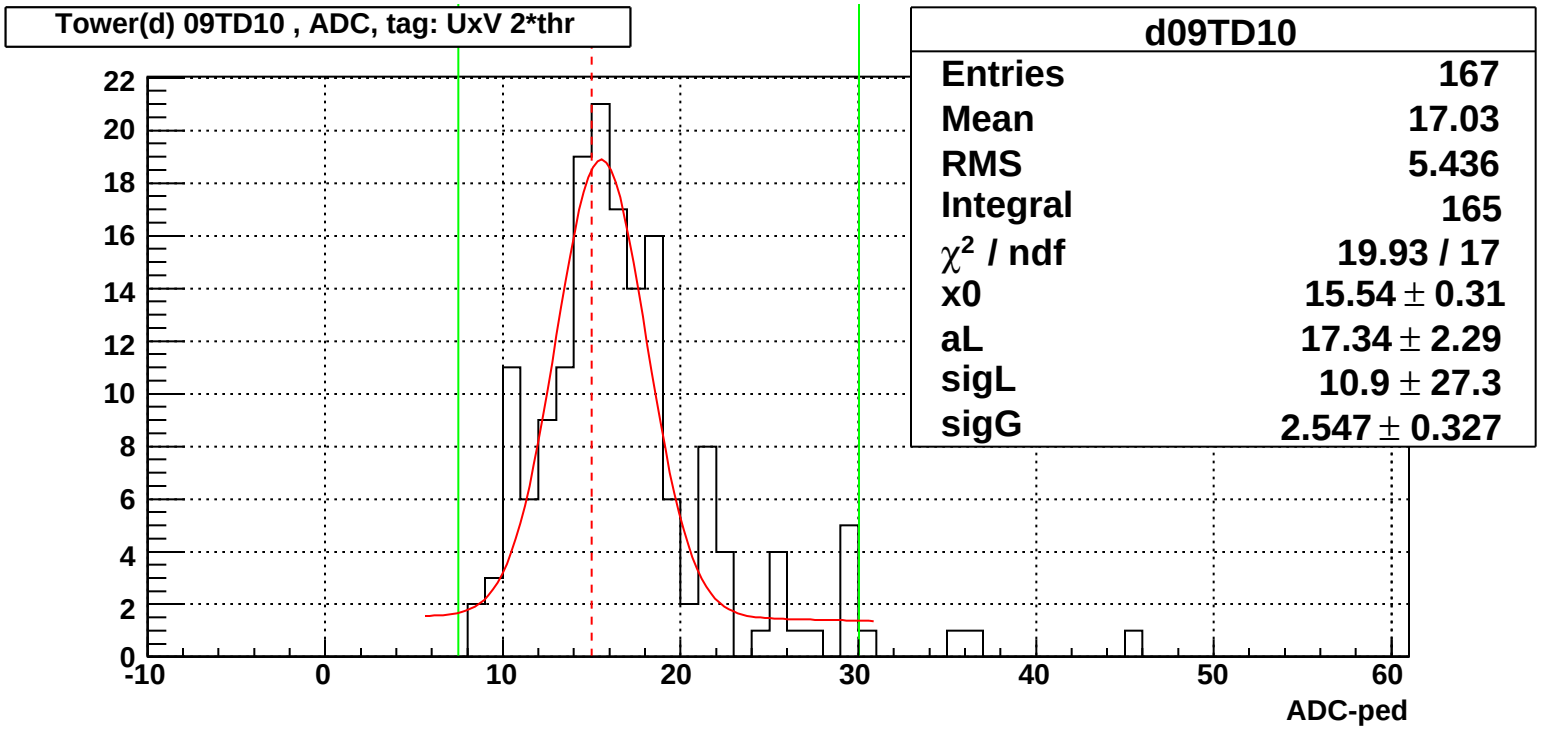

Tower(a) 09TB10 , inclusive ADC
a09TB10
Entries 1793874
Mean 0.1925
RMS 1.651
Integral 1.794e+06
χ² / ndf 1.134e+05 / 8
Constant 8.308e+05 ± 1022
Mean 0.1026 ± 0.0008
Sigma 0.802 ± 0.001
ADC-ped

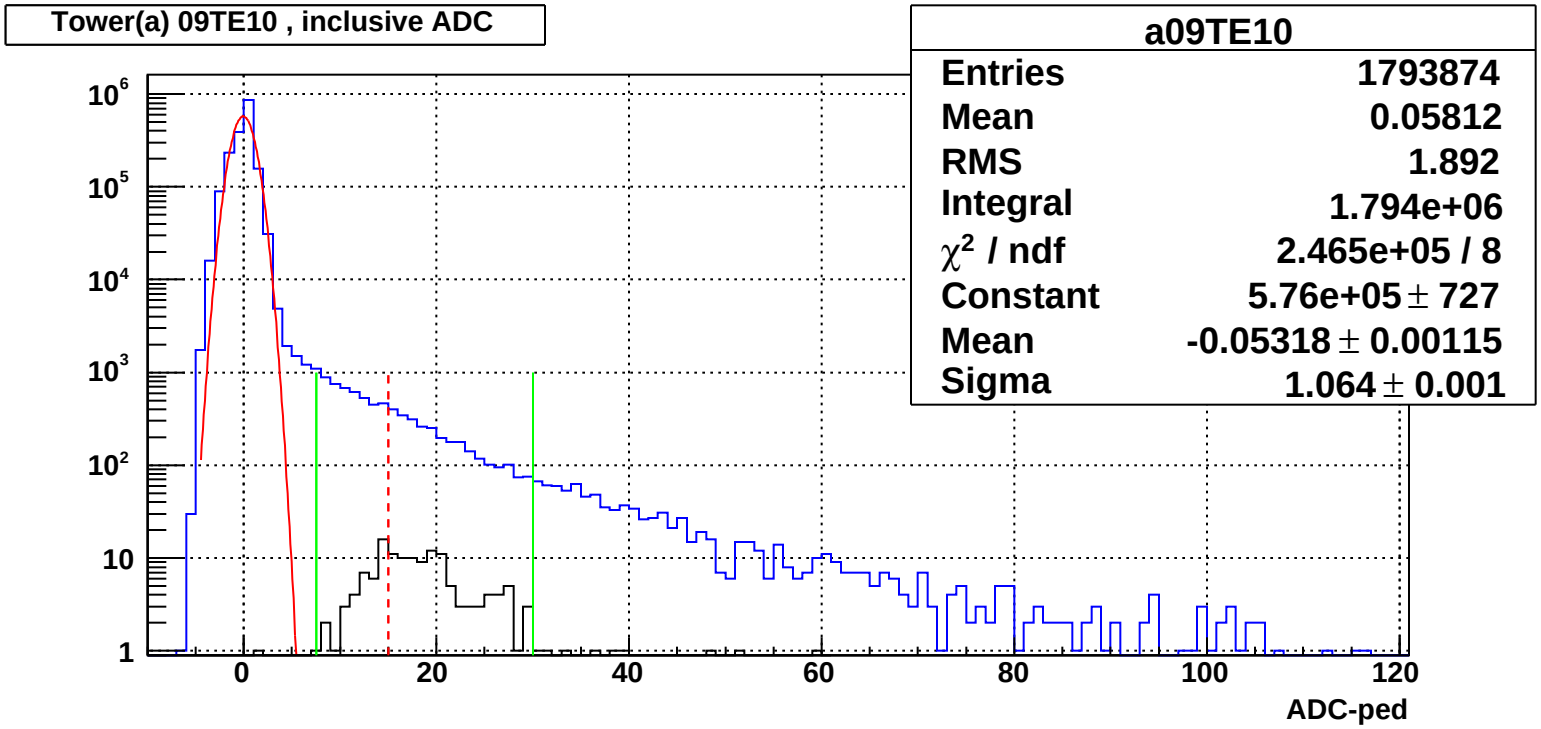

Tower(d) 09TB10 , ADC, tag: UxV 2*thr
d09TB10
Entries 159
Mean 19.3
RMS 9.396
Integral 159
χ² / ndf 15.2 / 22
x0 15.79 ± 0.36
aL 13.79 ± 1.53
sigL 1.856e+04 ± 19044
sigG 2.947 ± 0.343
ADC-ped

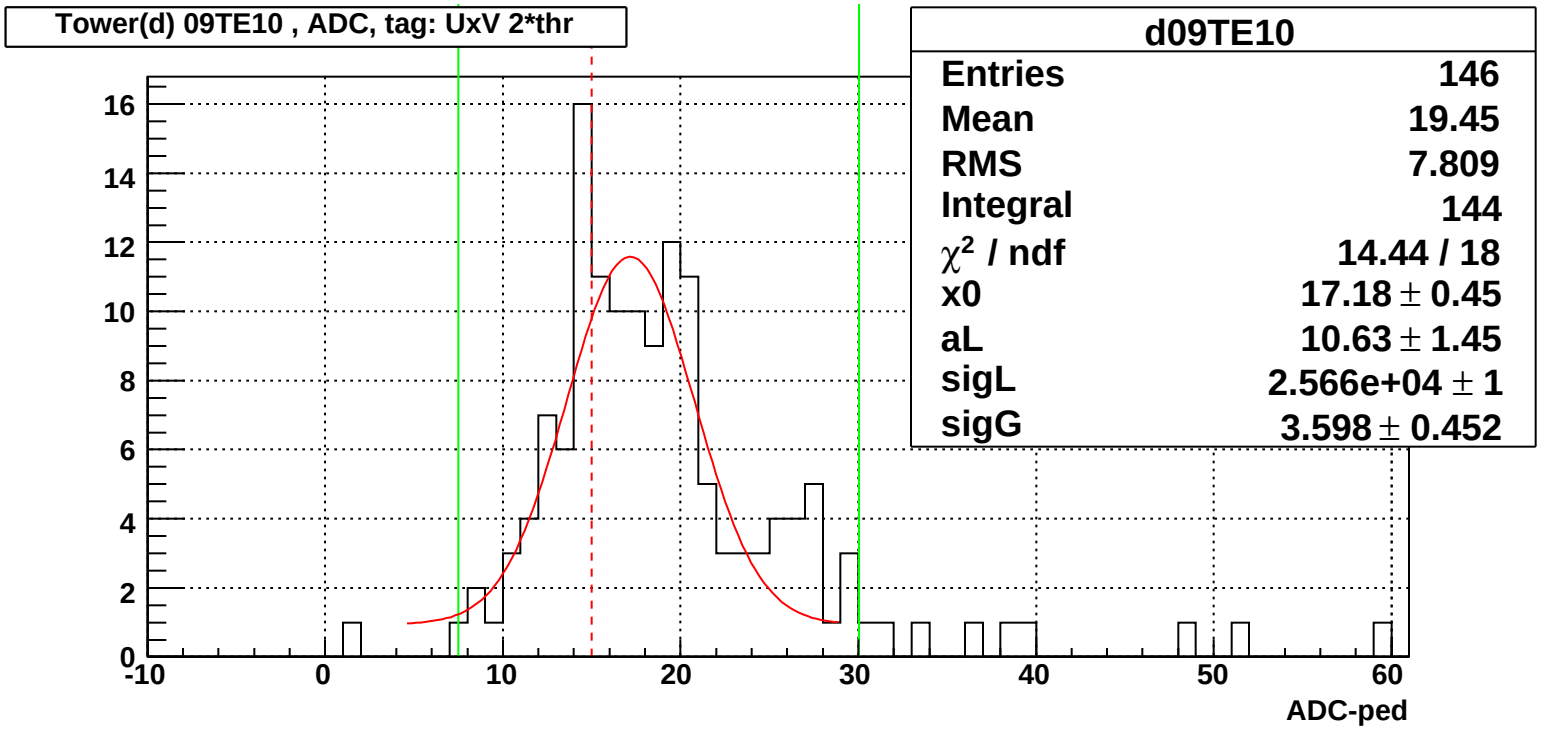

Tower(a) 09TC10 , inclusive ADC
a09TC10
Entries 1793874
Mean 0.2778
RMS 1.507
Integral 1.794e+06
χ² / ndf 1.002e+05 / 7
Constant 9.648e+05 ± 1367
Mean 0.1996 ± 0.0007
Sigma 0.6963 ± 0.0008
ADC-ped

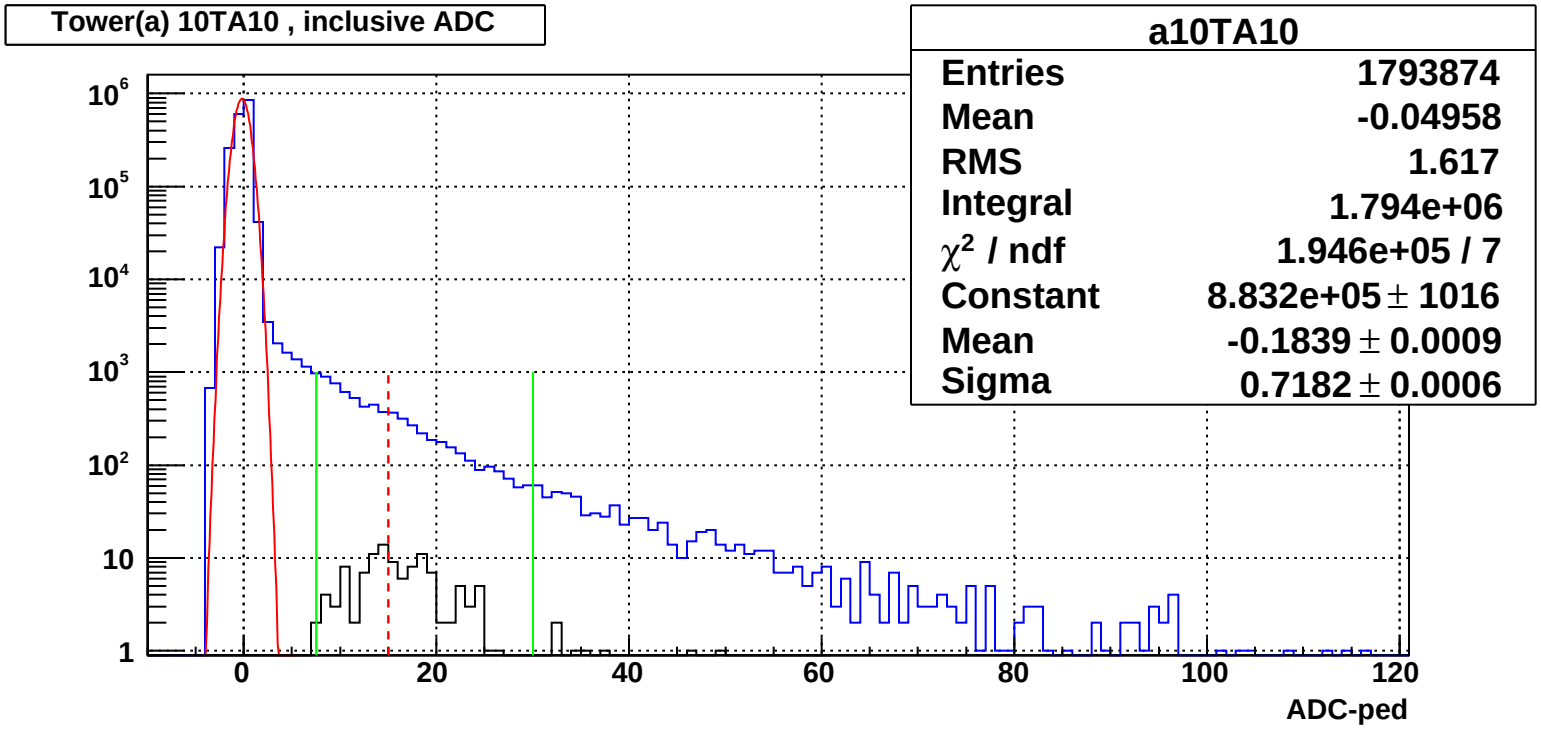

Tower(d) 09TC10 , ADC, tag: UxV 2*thr
d09TC10
Entries 264
Mean 14.45
RMS 7.161
Integral 263
χ² / ndf 26.77 / 19
x0 13.35 ± 0.33
aL 19.94 ± 1.93
sigL 4.554e+04 ± 49172
sigG 3.532 ± 0.313
ADC-ped

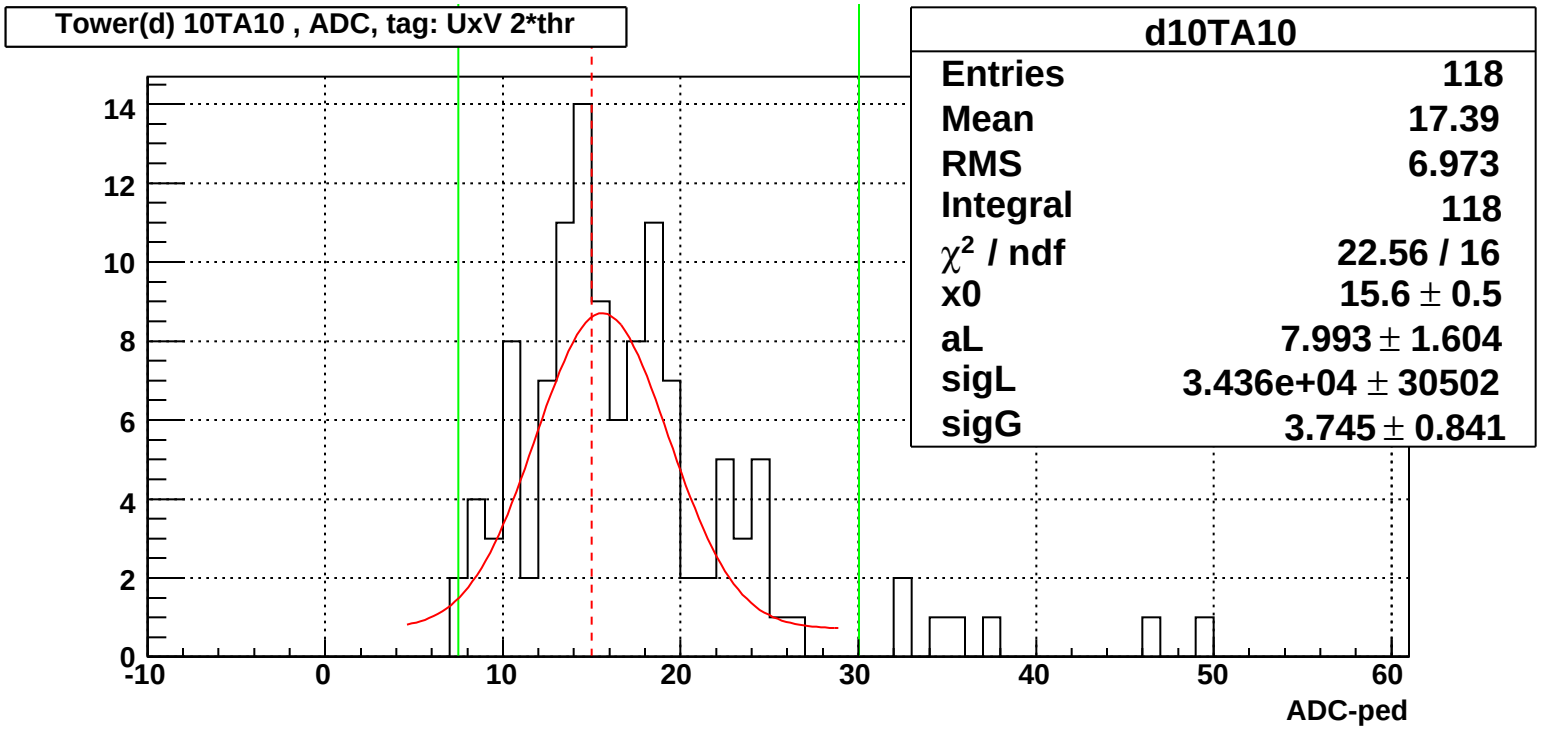

Tower(a) 09TD10 , inclusive ADC
a09TD10
Entries 1793874
Mean -0.04333
RMS 1.787
Integral 1.794e+06
χ² / ndf 2.464e+05 / 8
Constant 5.98e+05 ± 662
Mean -0.213 ± 0.001
Sigma 1.025 ± 0.001
ADC-ped

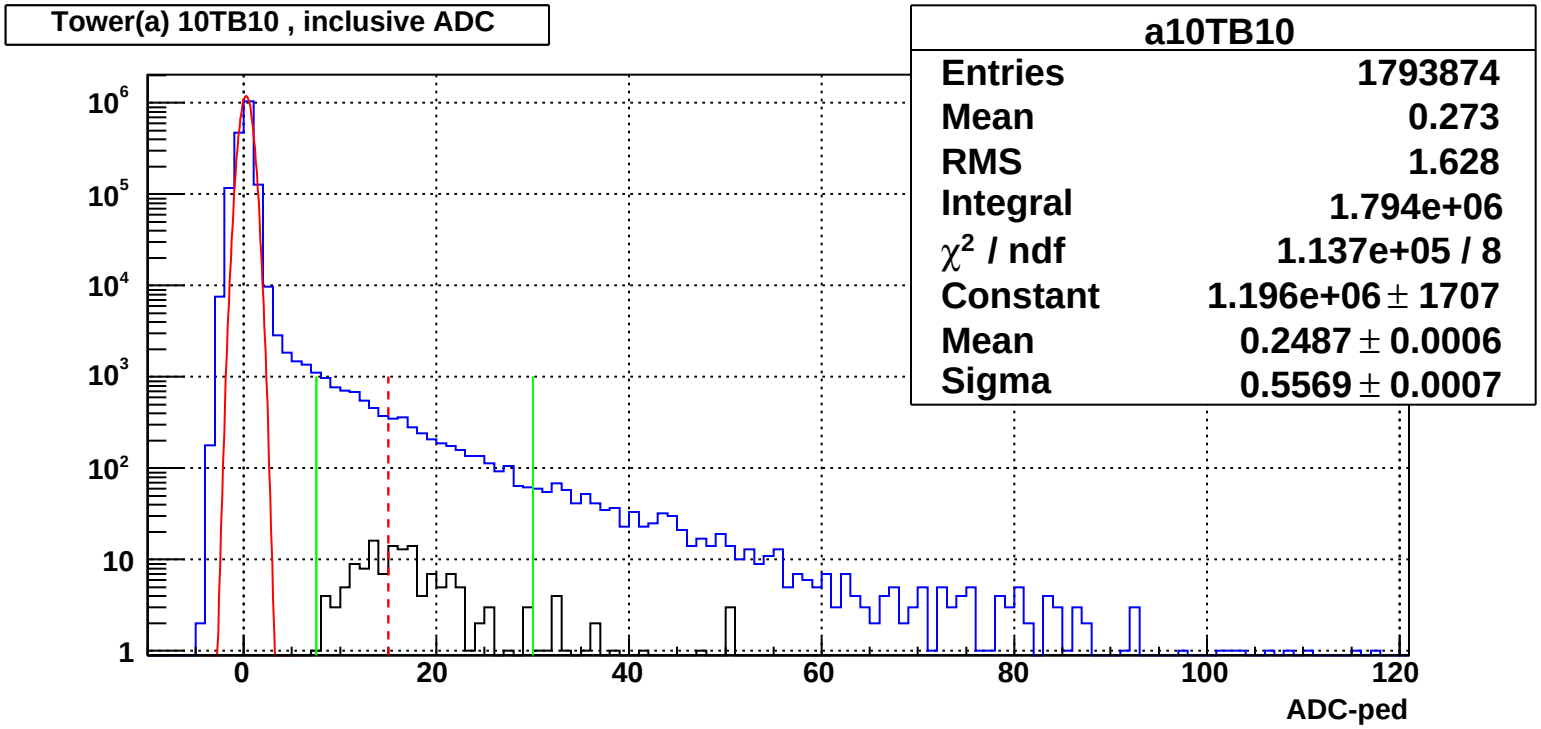

Tower(d) 09TD10 , ADC, tag: UxV 2*thr
d09TD10
Entries 167
Mean 17.03
RMS 5.436
Integral 165
χ² / ndf 19.93 / 17
x0 15.54 ± 0.31
aL 17.34 ± 2.29
sigL 10.9 ± 27.3
sigG 2.547 ± 0.327
ADC-ped

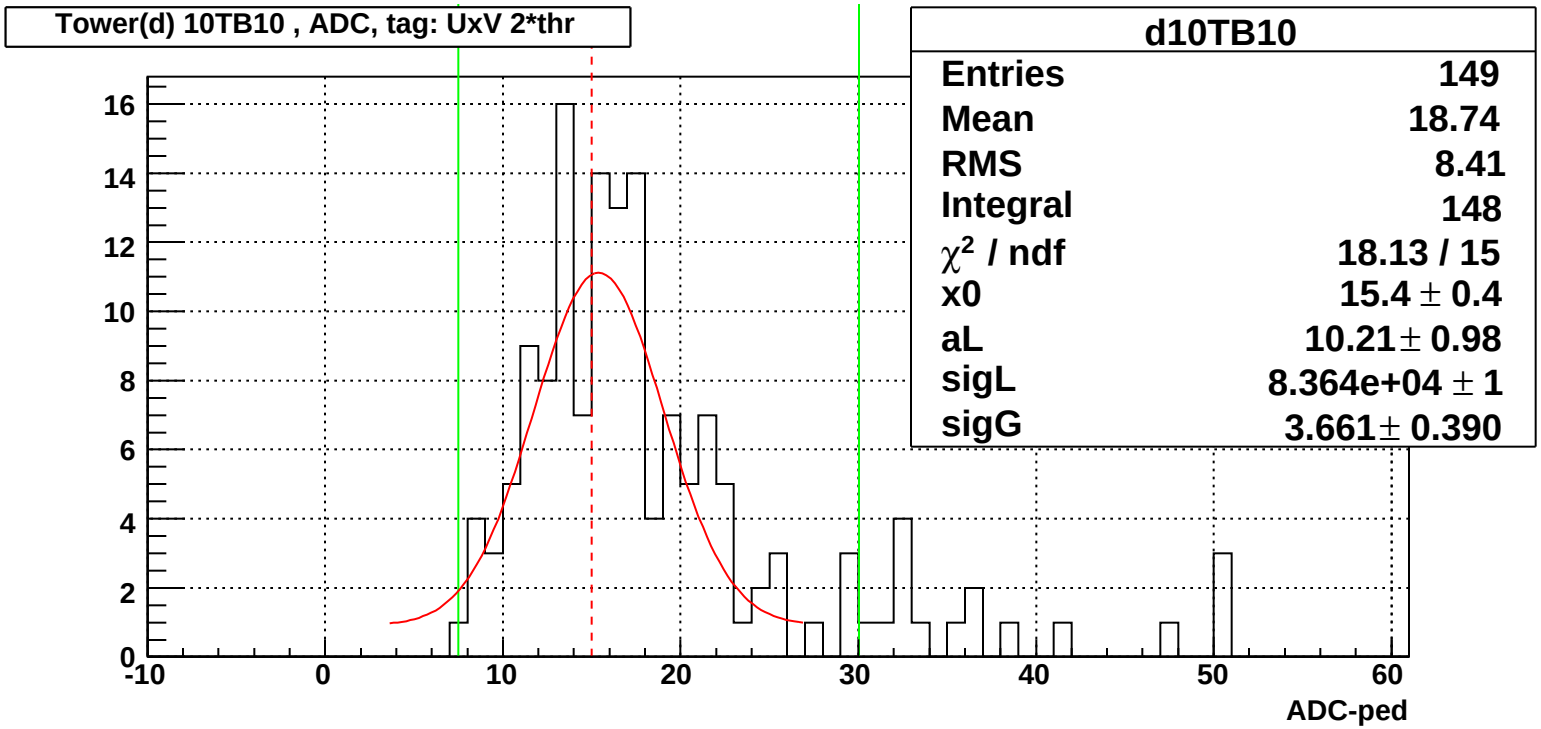

Tower(a) 09TE10 , inclusive ADC
a09TE10
Entries 1793874
Mean 0.05812
RMS 1.892
Integral 1.794e+06
χ² / ndf 2.465e+05 / 8
Constant 5.76e+05 ± 727
Mean -0.05318 ± 0.00115
Sigma 1.064 ± 0.001
ADC-ped

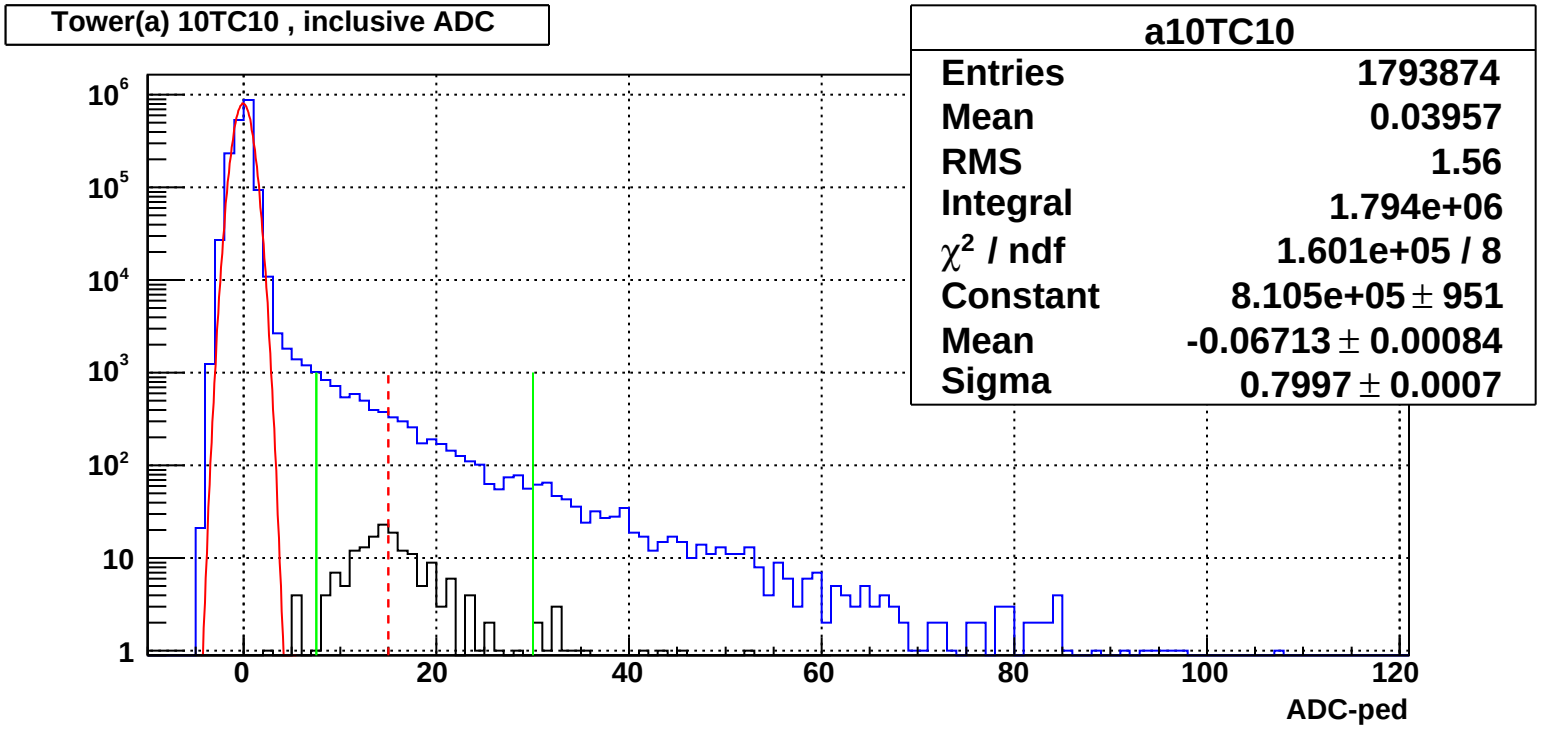

Tower(d) 09TE10 , ADC, tag: UxV 2*thr
d09TE10
Entries 146
Mean 19.45
RMS 7.809
Integral 144
χ² / ndf 14.44 / 18
x0 17.18 ± 0.45
aL 10.63 ± 1.45
sigL 2.566e+04 ± 1
sigG 3.598 ± 0.452
ADC-ped

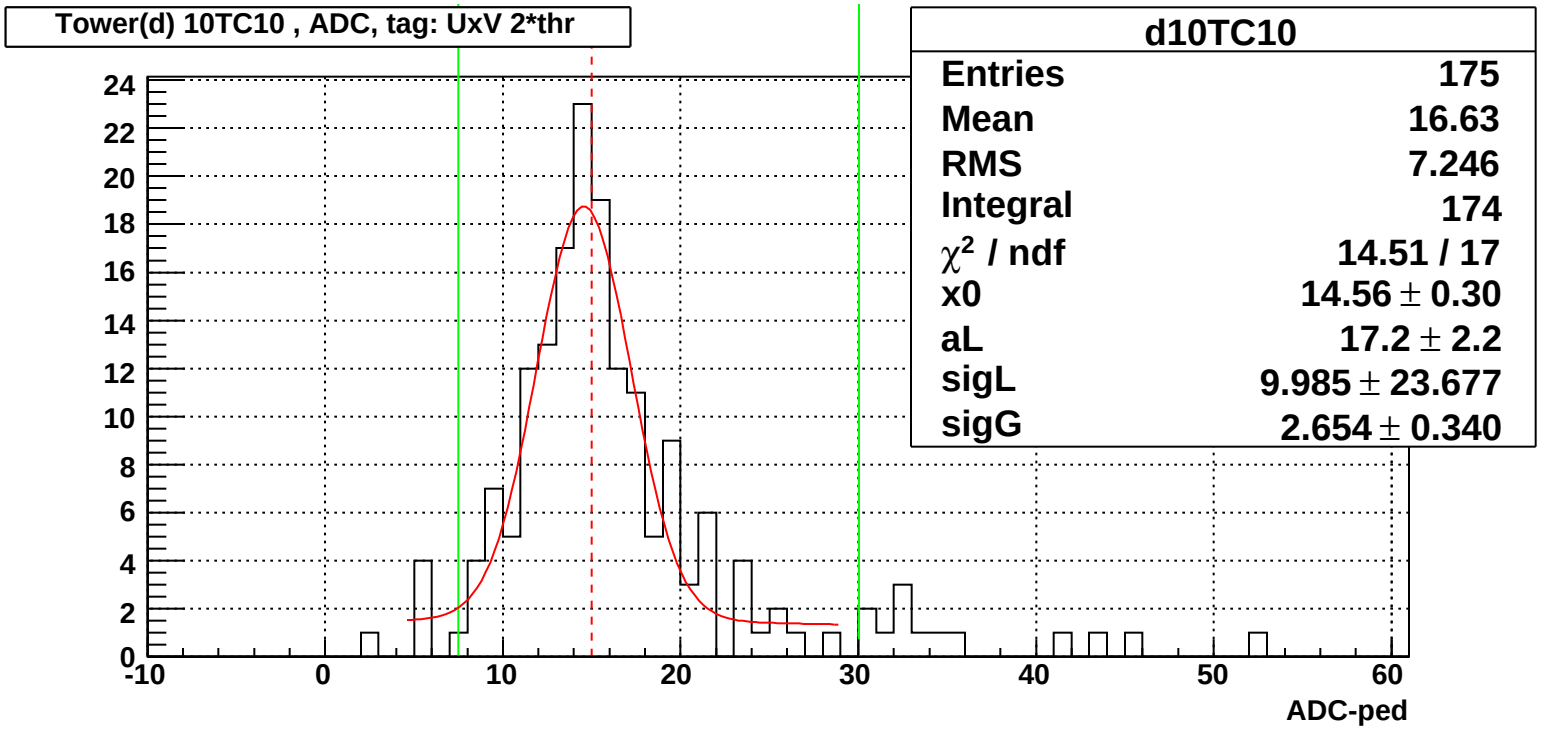

Tower(a) 10TA10 , inclusive ADC
a10TA10
Entries 1793874
Mean -0.04958
RMS 1.617
Integral 1.794e+06
χ² / ndf 1.946e+05 / 7
Constant 8.832e+05 ± 1016
Mean -0.1839 ± 0.0009
Sigma 0.7182 ± 0.0006
ADC-ped

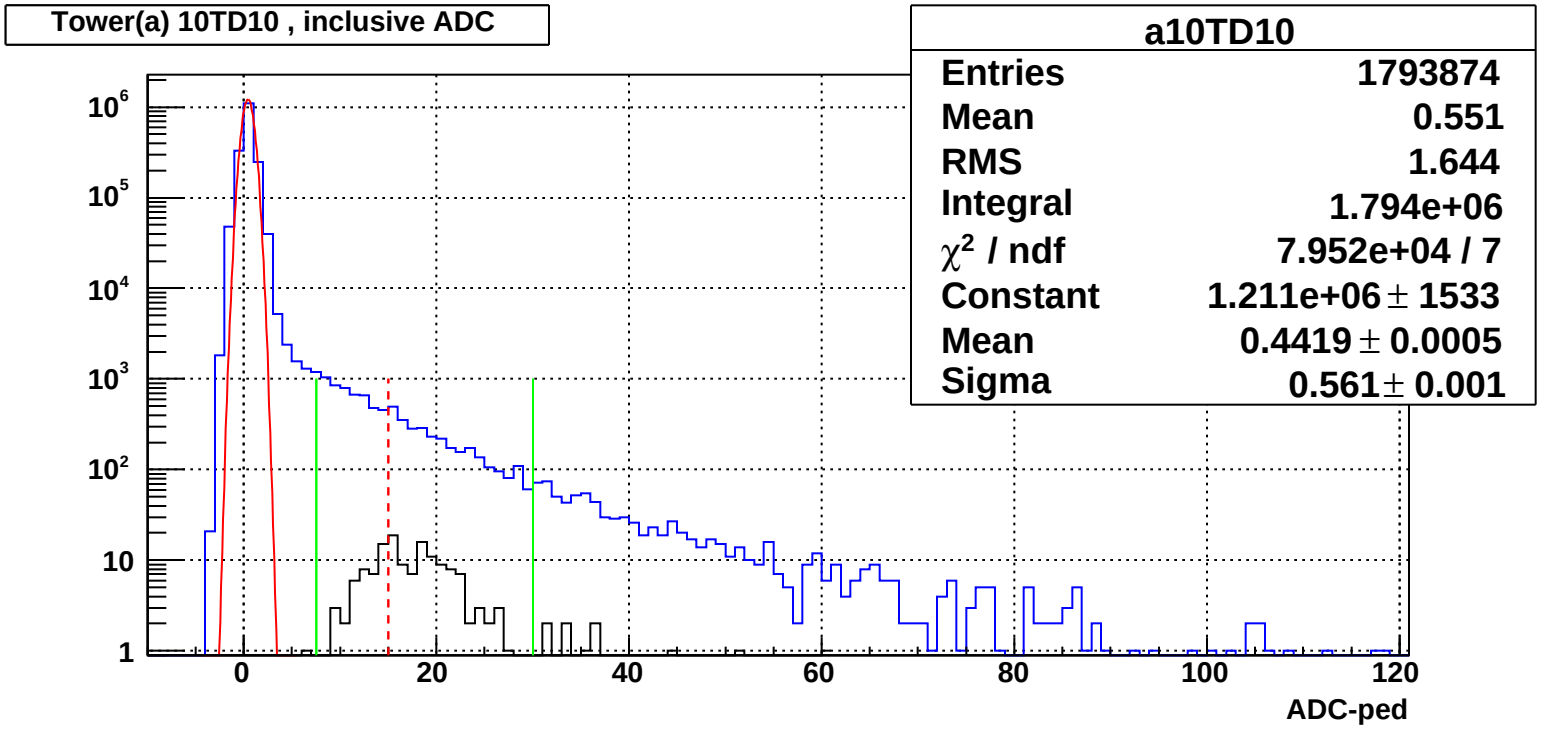

Tower(d) 10TA10 , ADC, tag: UxV 2*thr
d10TA10
Entries 118
Mean 17.39
RMS 6.973
Integral 118
χ² / ndf 22.56 / 16
x0 15.6 ± 0.5
aL 7.993 ± 1.604
sigL 3.436e+04 ± 30502
sigG 3.745 ± 0.841
ADC-ped

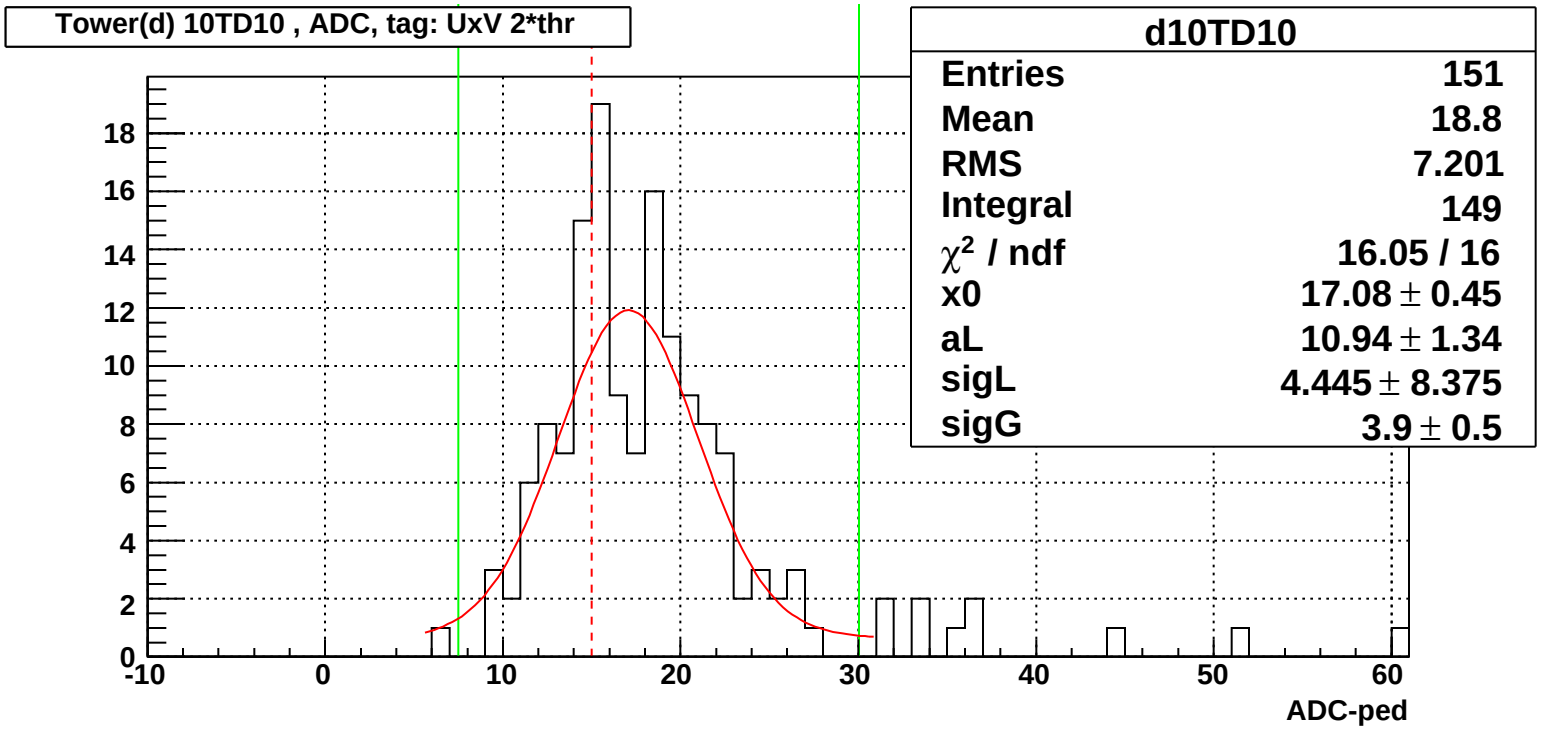

Tower(a) 10TB10 , inclusive ADC
a10TB10
Entries 1793874
Mean 0.273
RMS 1.628
Integral 1.794e+06
χ² / ndf 1.137e+05 / 8
Constant 1.196e+06 ± 1707
Mean 0.2487 ± 0.0006
Sigma 0.5569 ± 0.0007
ADC-ped

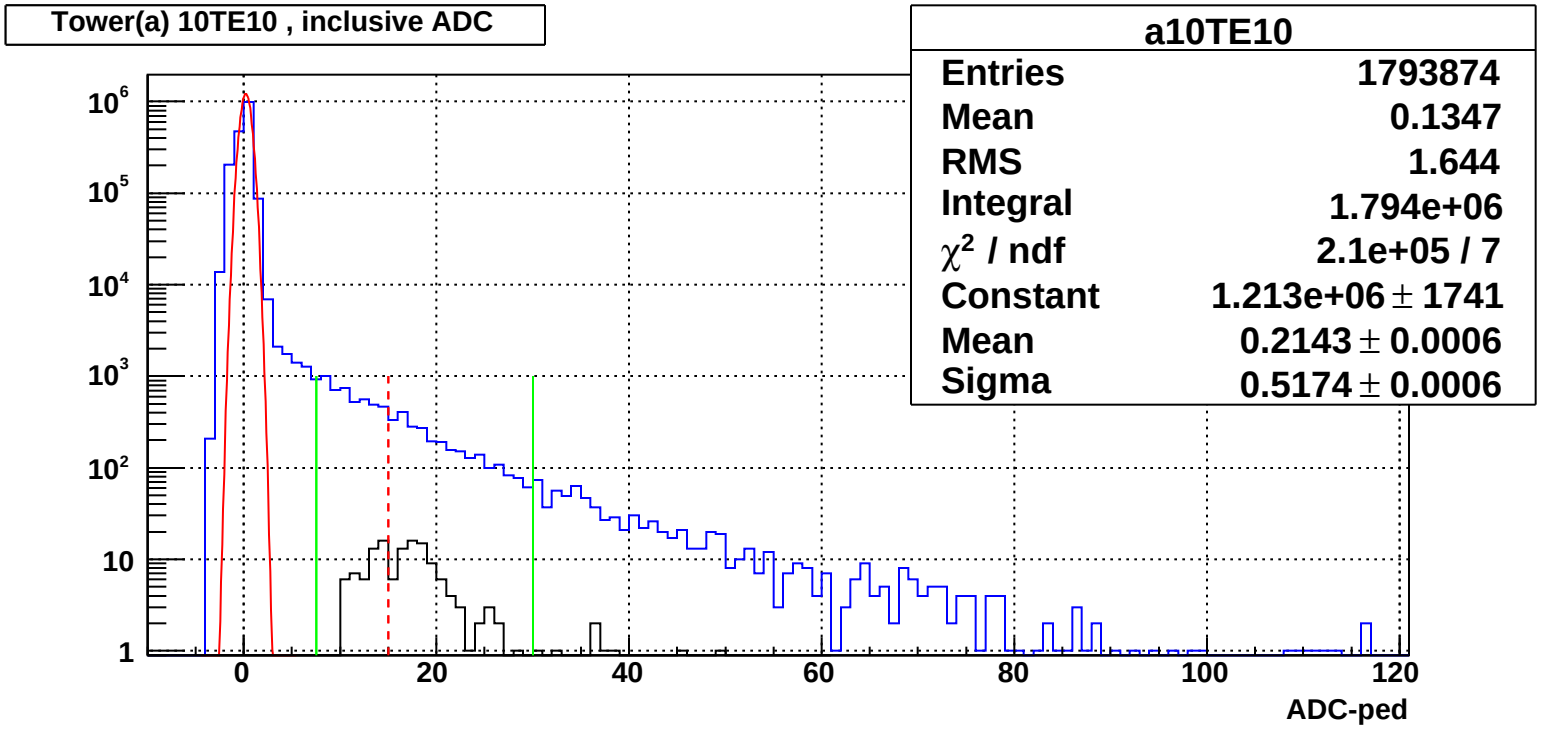

Tower(d) 10TB10 , ADC, tag: UxV 2*thr
d10TB10
Entries 149
Mean 18.74
RMS 8.41
Integral 148
χ² / ndf 18.13 / 15
x0 15.4 ± 0.4
aL 10.21 ± 0.98
sigL 8.364e+04 ± 1
sigG 3.661 ± 0.390
ADC-ped

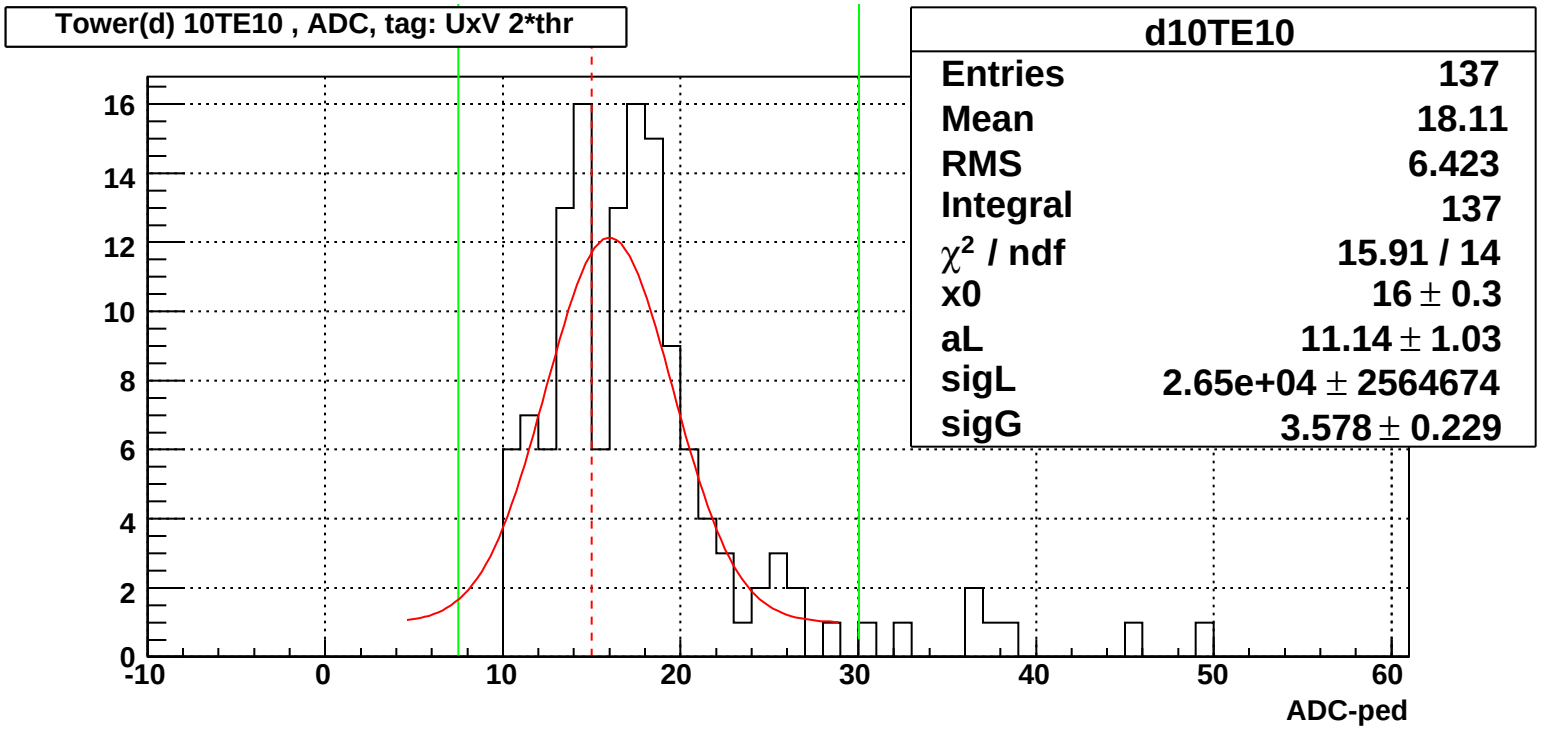

Tower(a) 10TC10 , inclusive ADC
a10TC10
Entries 1793874
Mean 0.03957
RMS 1.56
Integral 1.794e+06
χ² / ndf 1.601e+05 / 8
Constant 8.105e+05 ± 951
Mean -0.06713 ± 0.00084
Sigma 0.7997 ± 0.0007
ADC-ped

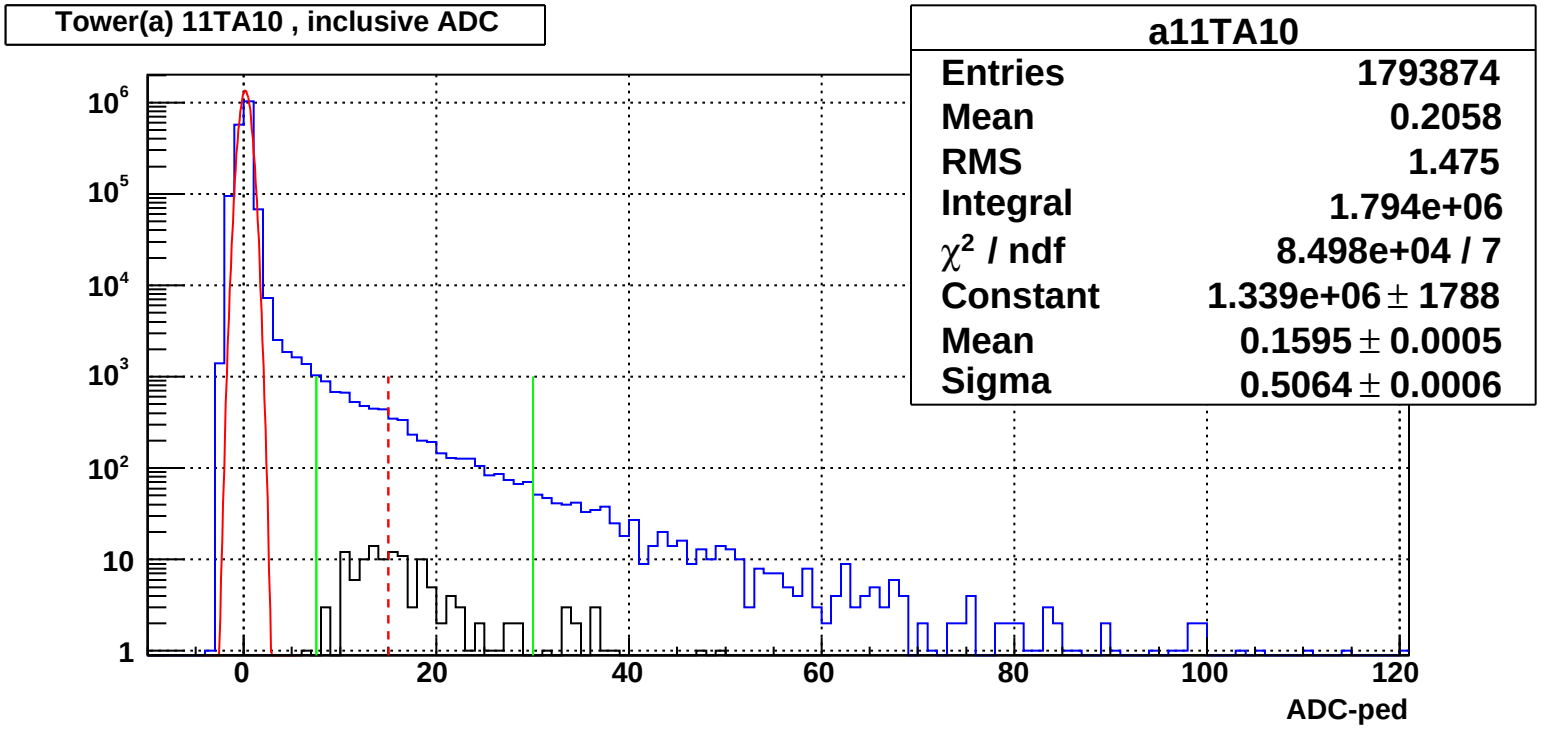

Tower(d) 10TC10 , ADC, tag: UxV 2*thr
d10TC10
Entries 175
Mean 16.63
RMS 7.246
Integral 174
χ² / ndf 14.51 / 17
x0 14.56 ± 0.30
aL 17.2 ± 2.2
sigL 9.985 ± 23.677
sigG 2.654 ± 0.340
ADC-ped

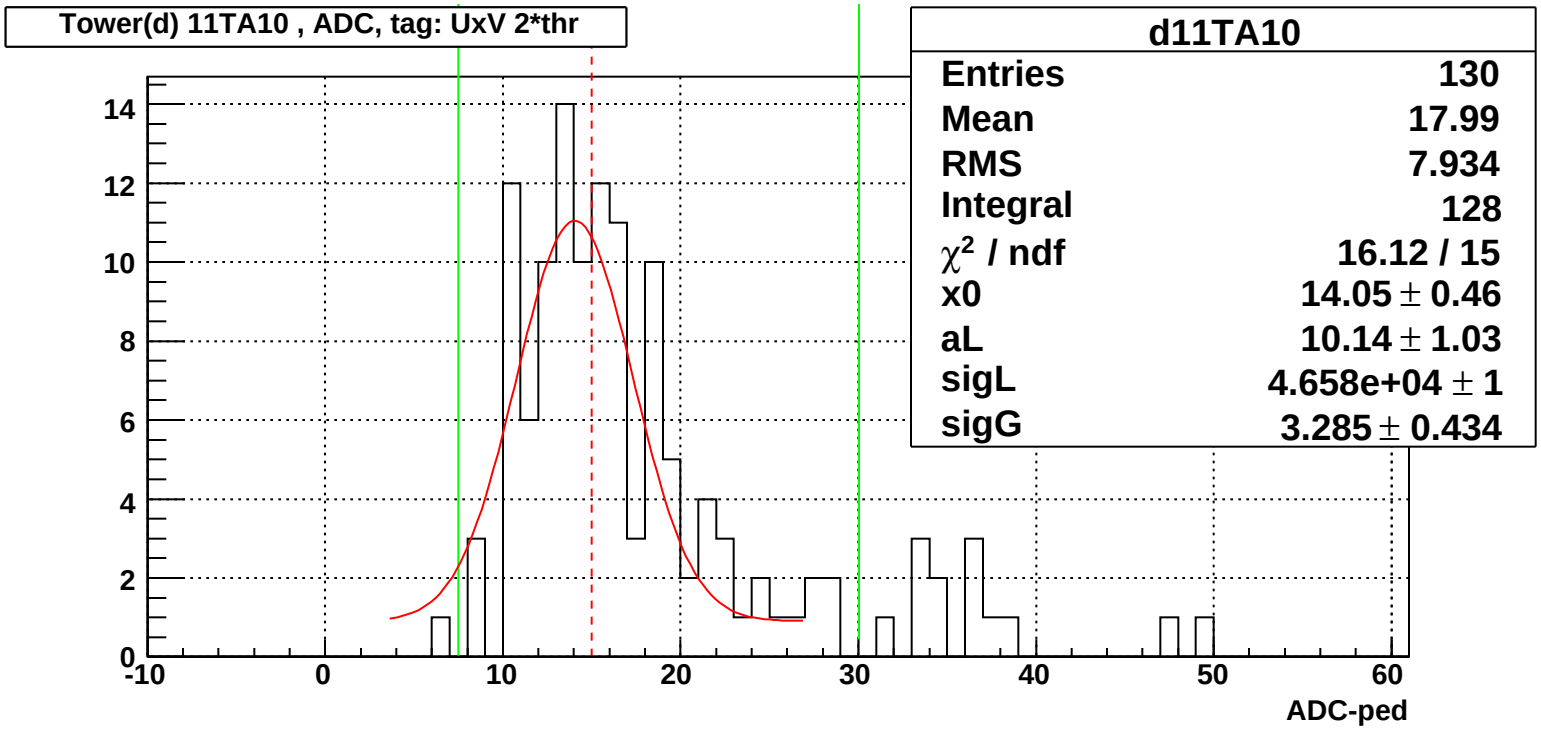

Tower(a) 10TD10 , inclusive ADC
a10TD10
Entries 1793874
Mean 0.551
RMS 1.644
Integral 1.794e+06
χ² / ndf 7.952e+04 / 7
Constant 1.211e+06 ± 1533
Mean 0.4419 ± 0.0005
Sigma 0.561 ± 0.001
ADC-ped

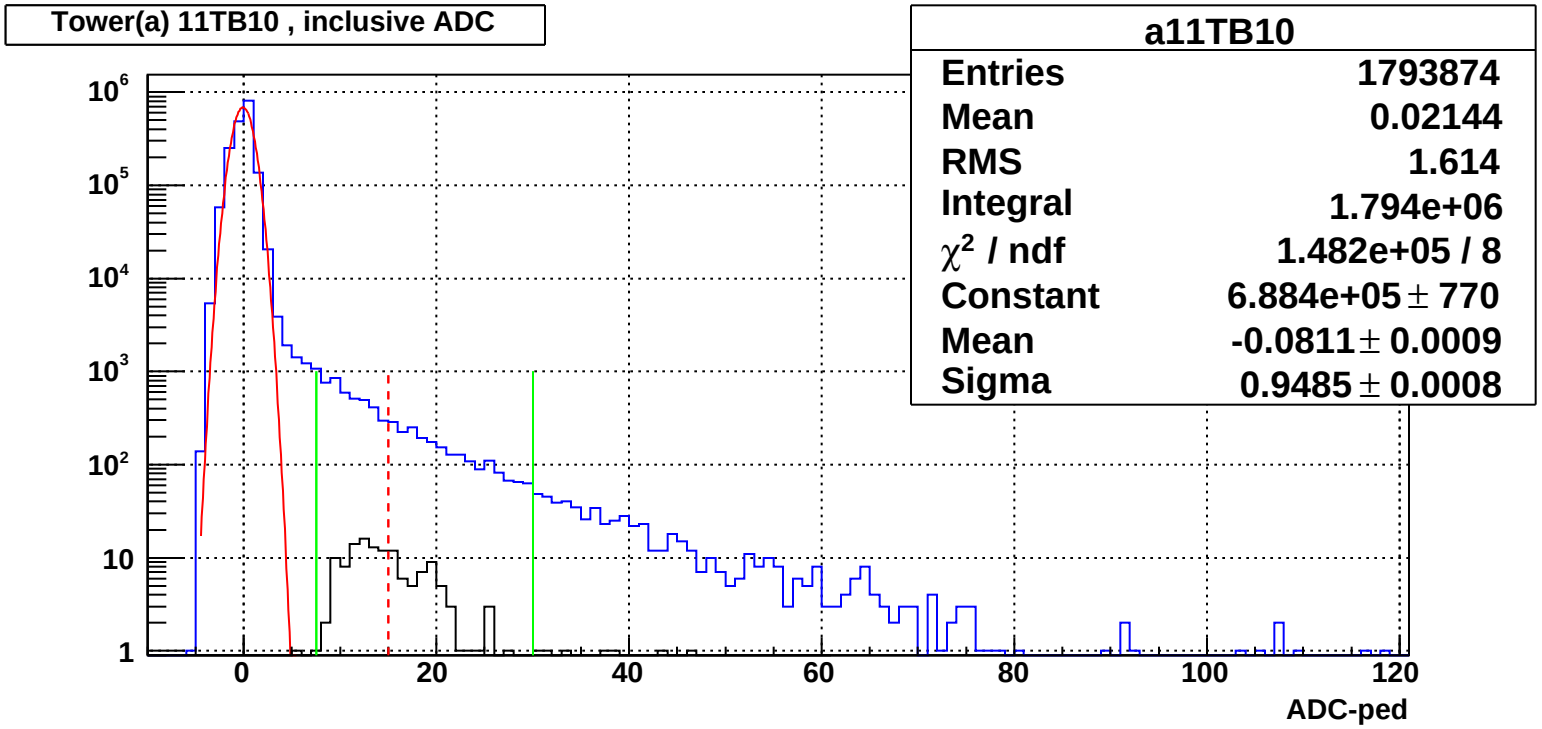

Tower(d) 10TD10 , ADC, tag: UxV 2*thr
d10TD10
Entries 151
Mean 18.8
RMS 7.201
Integral 149
χ² / ndf 16.05 / 16
x0 17.08 ± 0.45
aL 10.94 ± 1.34
sigL 4.445 ± 8.375
sigG 3.9 ± 0.5
ADC-ped

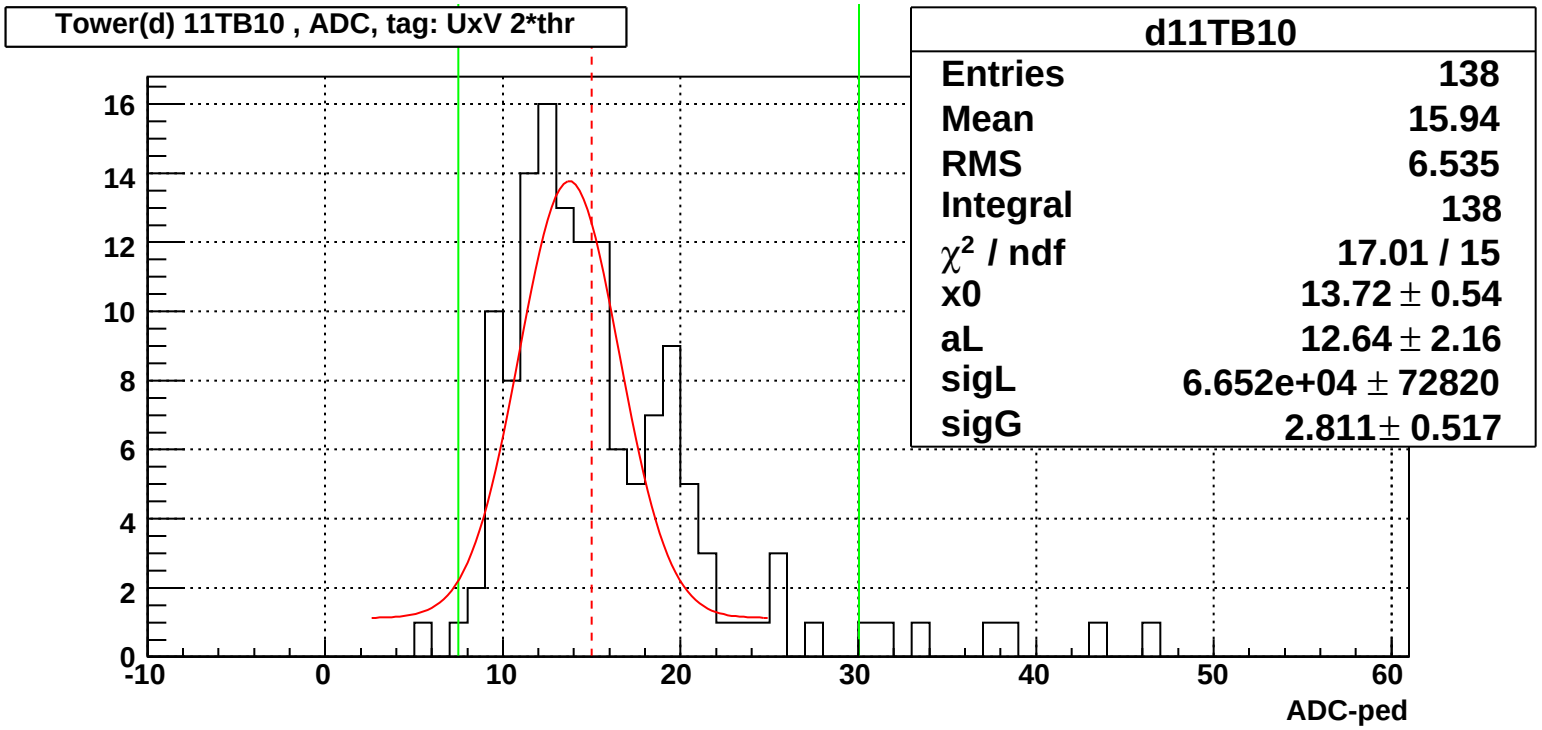

Tower(a) 10TE10 , inclusive ADC
a10TE10
Entries 1793874
Mean 0.1347
RMS 1.644
Integral 1.794e+06
χ² / ndf 2.1e+05 / 7
Constant 1.213e+06 ± 1741
Mean 0.2143 ± 0.0006
Sigma 0.5174 ± 0.0006
ADC-ped

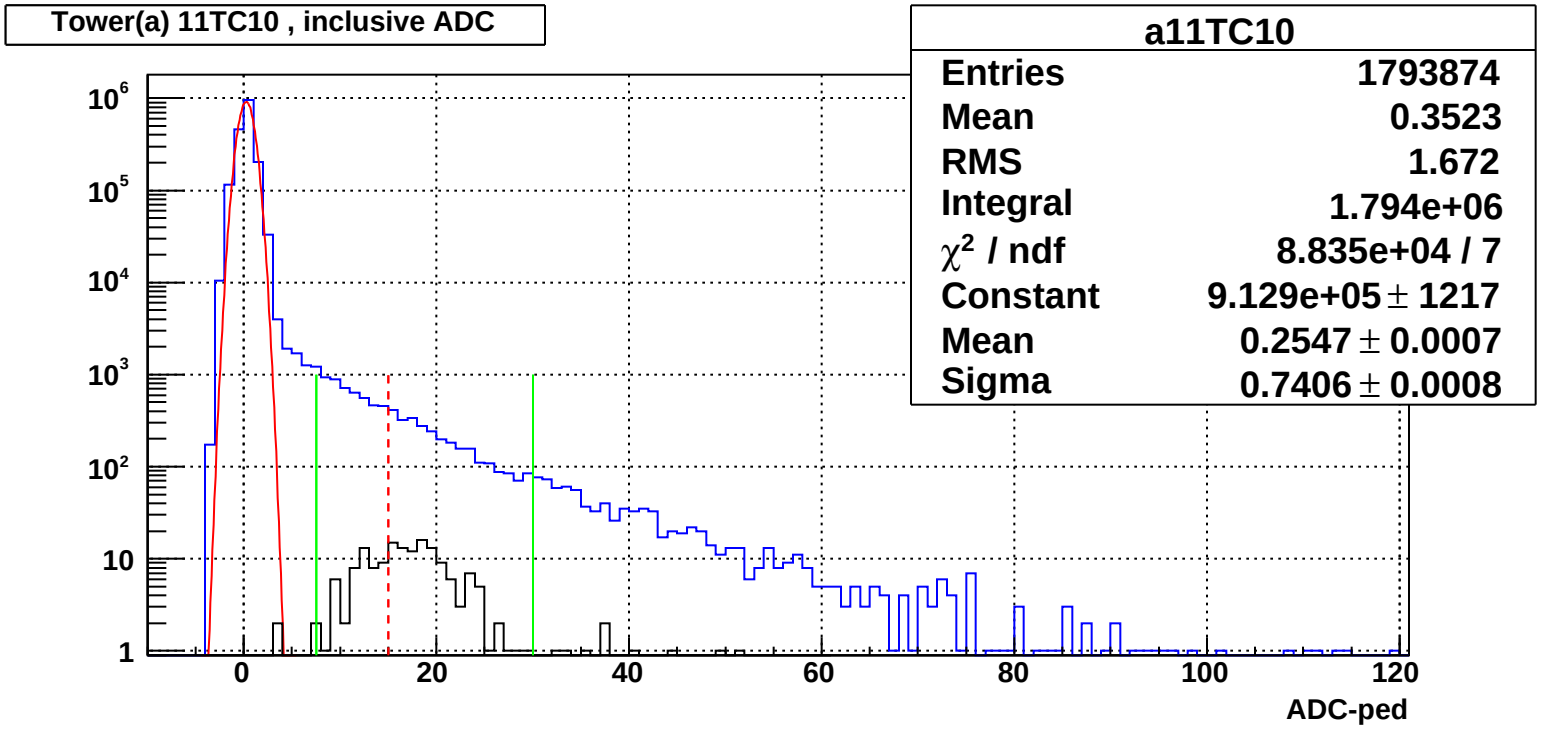

Tower(d) 10TE10 , ADC, tag: UxV 2*thr
d10TE10
Entries 137
Mean 18.11
RMS 6.423
Integral 137
χ² / ndf 15.91 / 14
x0 16 ± 0.3
aL 11.14 ± 1.03
sigL 2.65e+04 ± 2564674
sigG 3.578 ± 0.229
ADC-ped

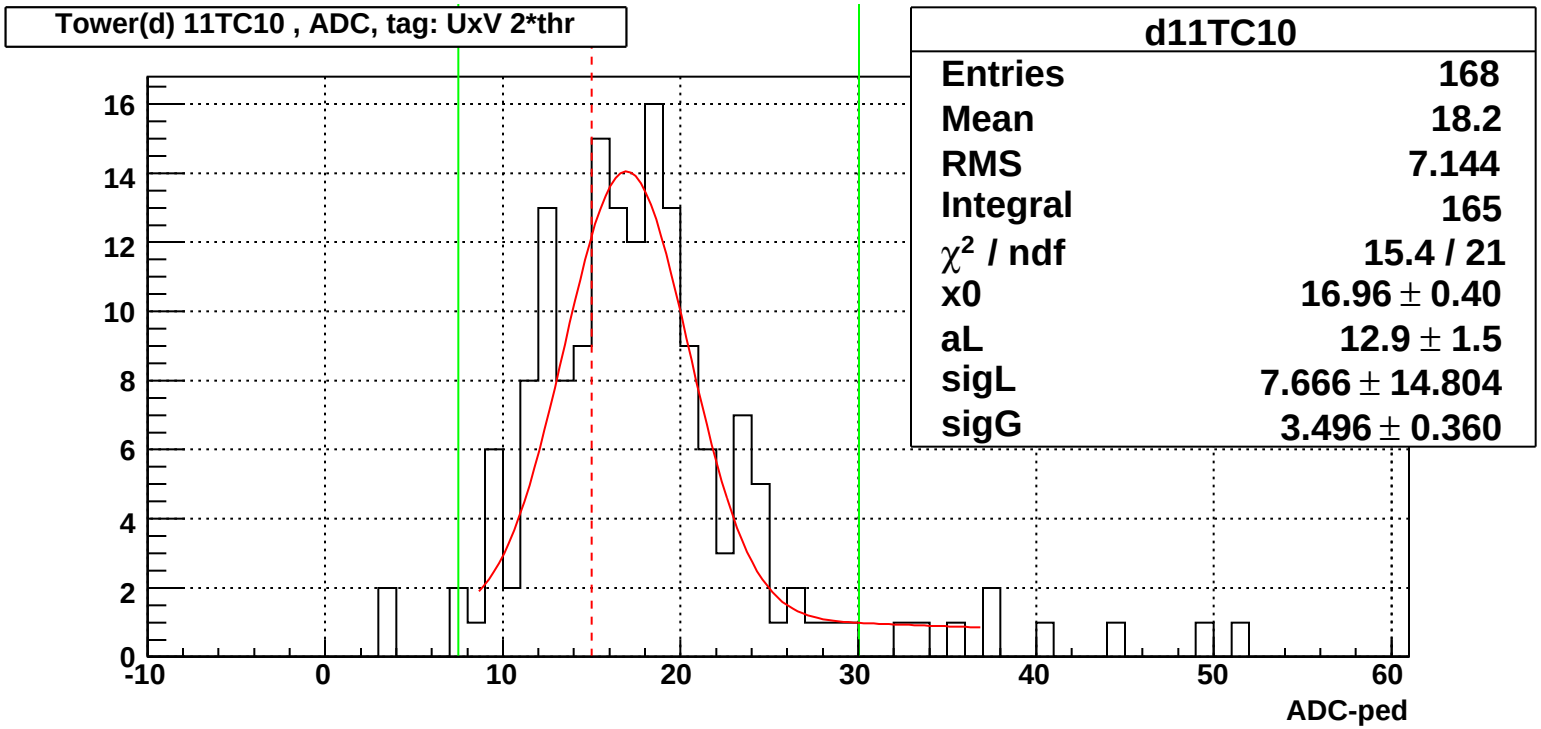

Tower(a) 11TA10 , inclusive ADC
a11TA10
Entries 1793874
Mean 0.2058
RMS 1.475
Integral 1.794e+06
χ² / ndf 8.498e+04 / 7
Constant 1.339e+06 ± 1788
Mean 0.1595 ± 0.0005
Sigma 0.5064 ± 0.0006
ADC-ped

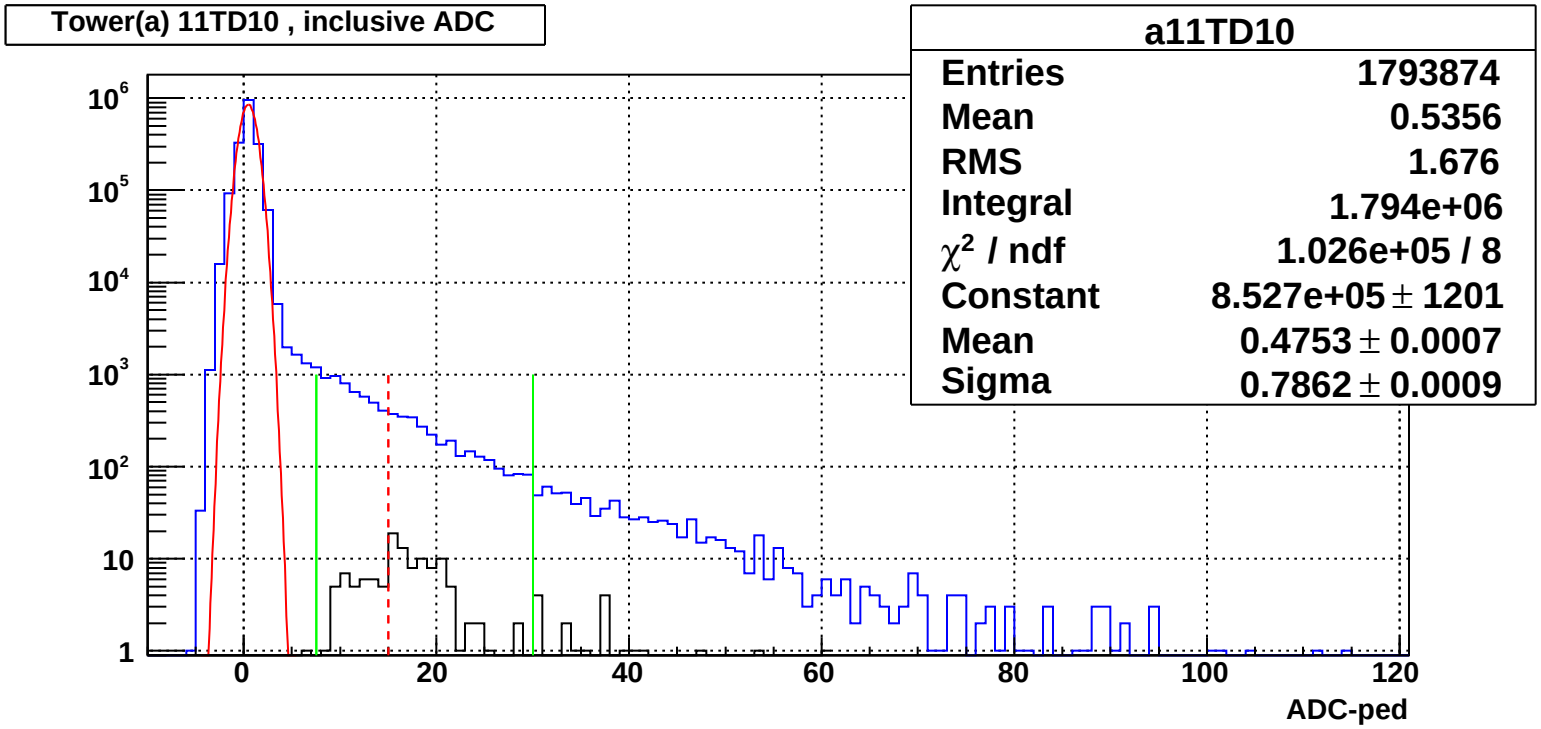

Tower(d) 11TA10 , ADC, tag: UxV 2*thr
d11TA10
Entries 130
Mean 17.99
RMS 7.934
Integral 128
χ² / ndf 16.12 / 15
x0 14.05 ± 0.46
aL 10.14 ± 1.03
sigL 4.658e+04 ± 1
sigG 3.285 ± 0.434
ADC-ped

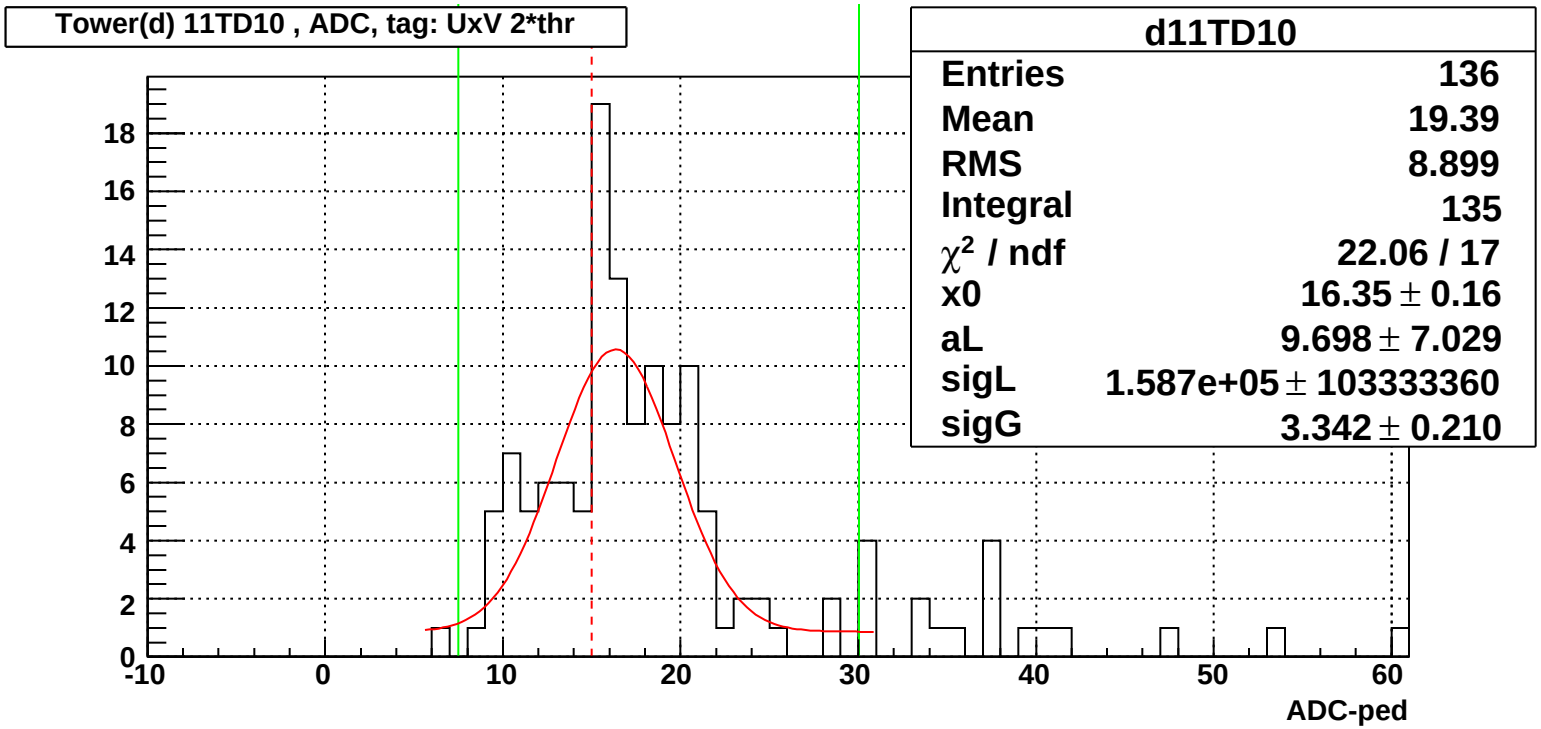

Tower(a) 11TB10 , inclusive ADC
a11TB10
Entries 1793874
Mean 0.02144
RMS 1.614
Integral 1.794e+06
χ² / ndf 1.482e+05 / 8
Constant 6.884e+05 ± 770
Mean -0.0811 ± 0.0009
Sigma 0.9485 ± 0.0008
ADC-ped

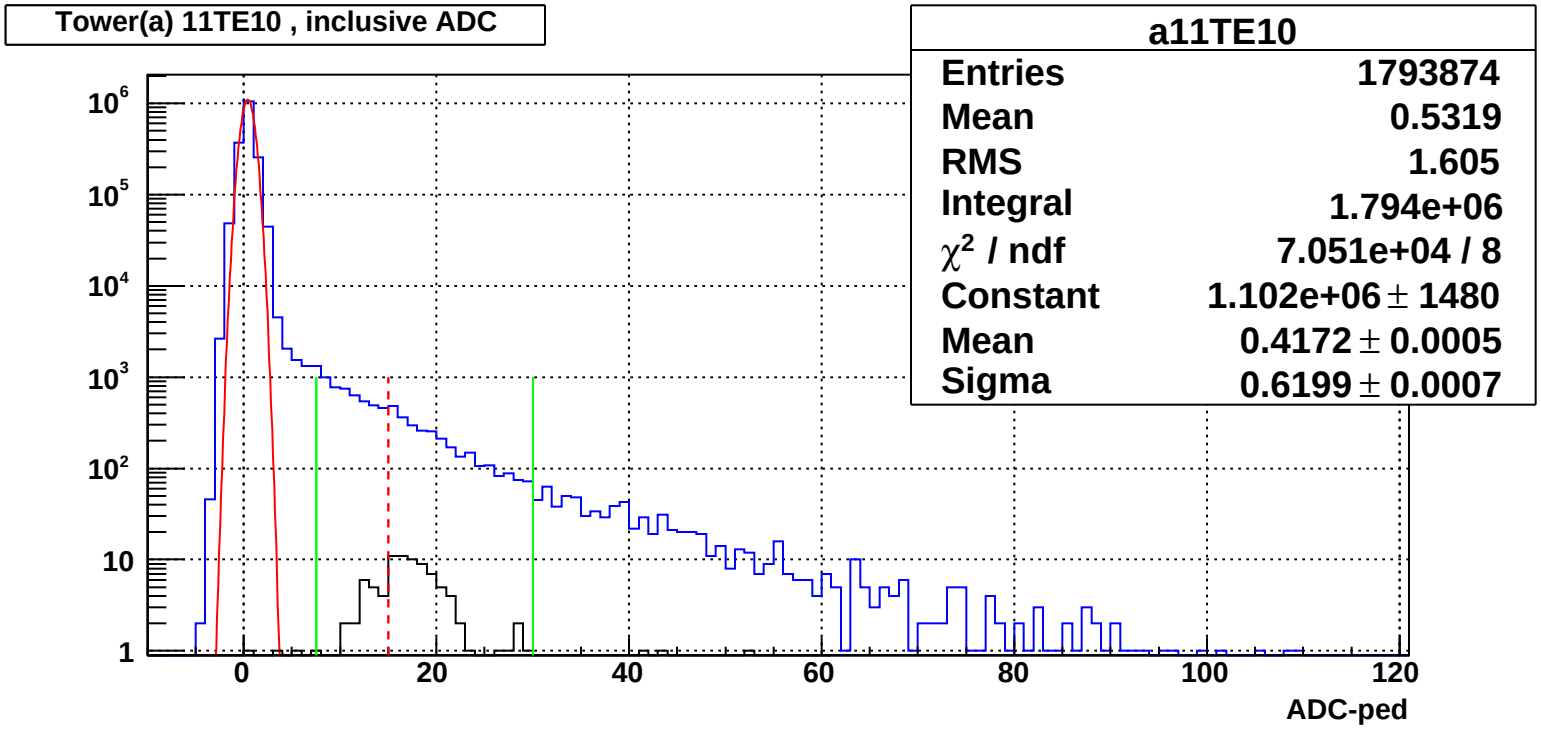

Tower(d) 11TB10 , ADC, tag: UxV 2*thr
d11TB10
Entries 138
Mean 15.94
RMS 6.535
Integral 138
χ² / ndf 17.01 / 15
x0 13.72 ± 0.54
aL 12.64 ± 2.16
sigL 6.652e+04 ± 72820
sigG 2.811 ± 0.517
ADC-ped

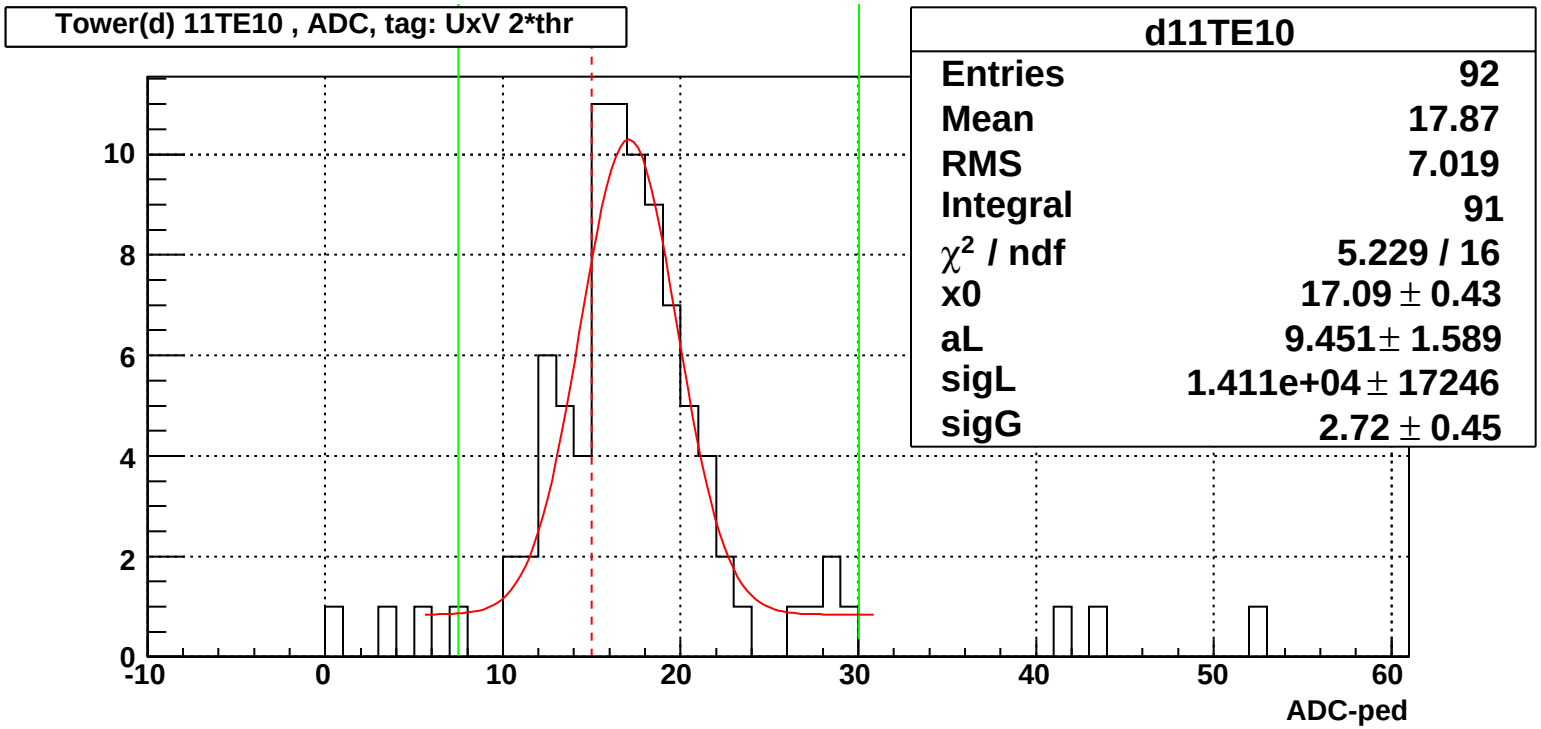

Tower(a) 11TC10 , inclusive ADC
a11TC10
Entries 1793874
Mean 0.3523
RMS 1.672
Integral 1.794e+06
χ² / ndf 8.835e+04 / 7
Constant 9.129e+05 ± 1217
Mean 0.2547 ± 0.0007
Sigma 0.7406 ± 0.0008
ADC-ped

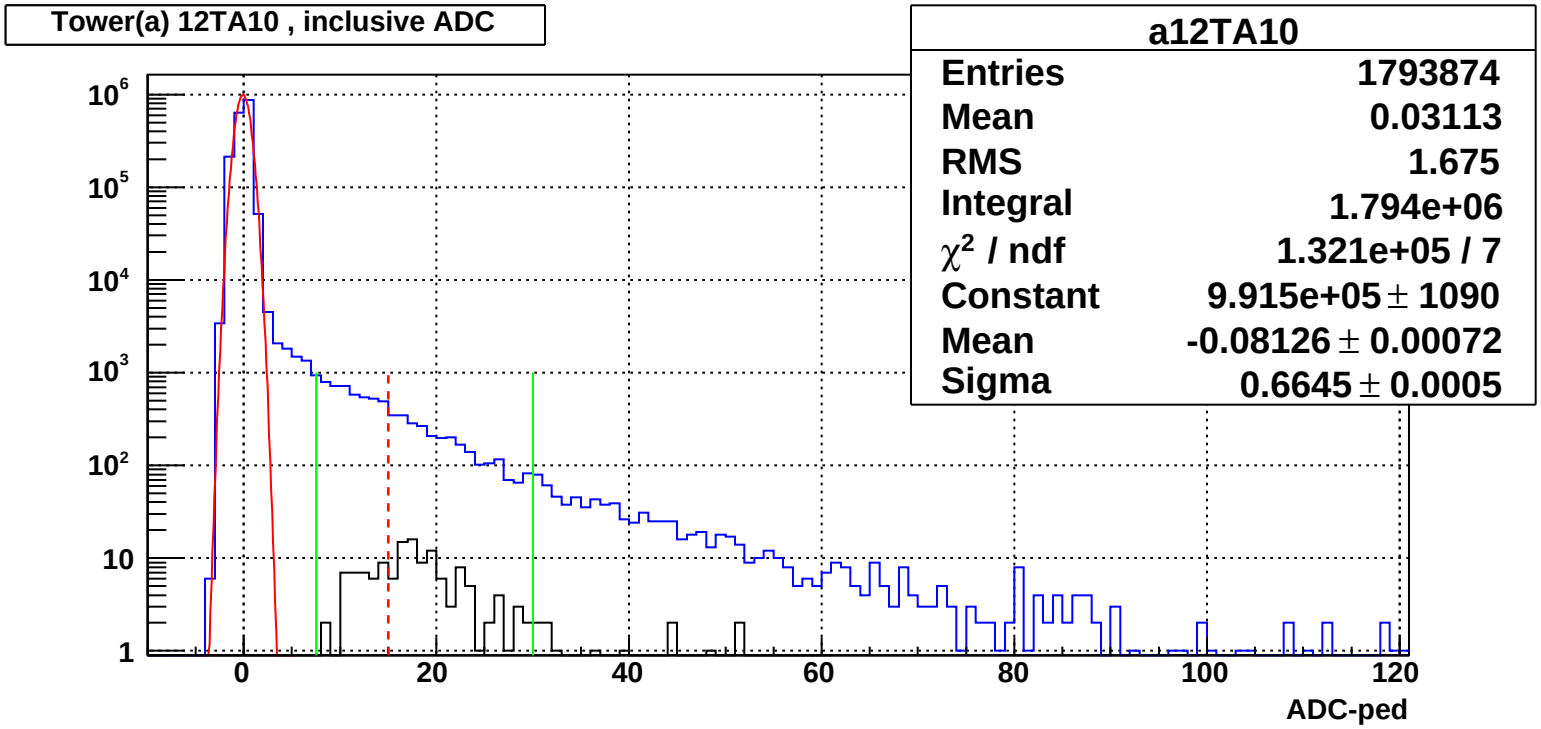

Tower(d) 11TC10 , ADC, tag: UxV 2*thr
d11TC10
Entries 168
Mean 18.2
RMS 7.144
Integral 165
χ² / ndf 15.4 / 21
x0 16.96 ± 0.40
aL 12.9 ± 1.5
sigL 7.666 ± 14.804
sigG 3.496 ± 0.360
ADC-ped

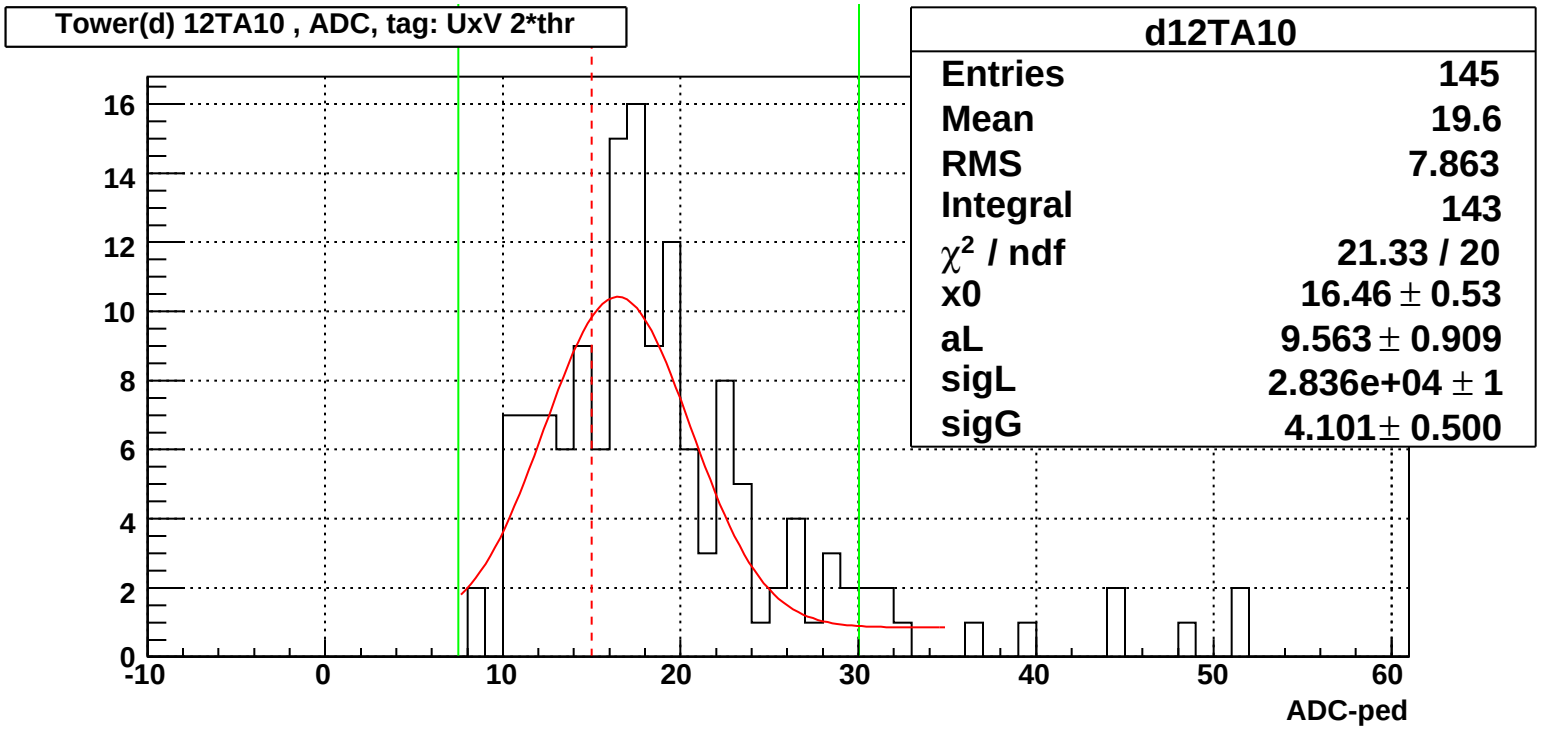

Tower(a) 11TD10 , inclusive ADC
a11TD10
Entries 1793874
Mean 0.5356
RMS 1.676
Integral 1.794e+06
χ² / ndf 1.026e+05 / 8
Constant 8.527e+05 ± 1201
Mean 0.4753 ± 0.0007
Sigma 0.7862 ± 0.0009
ADC-ped

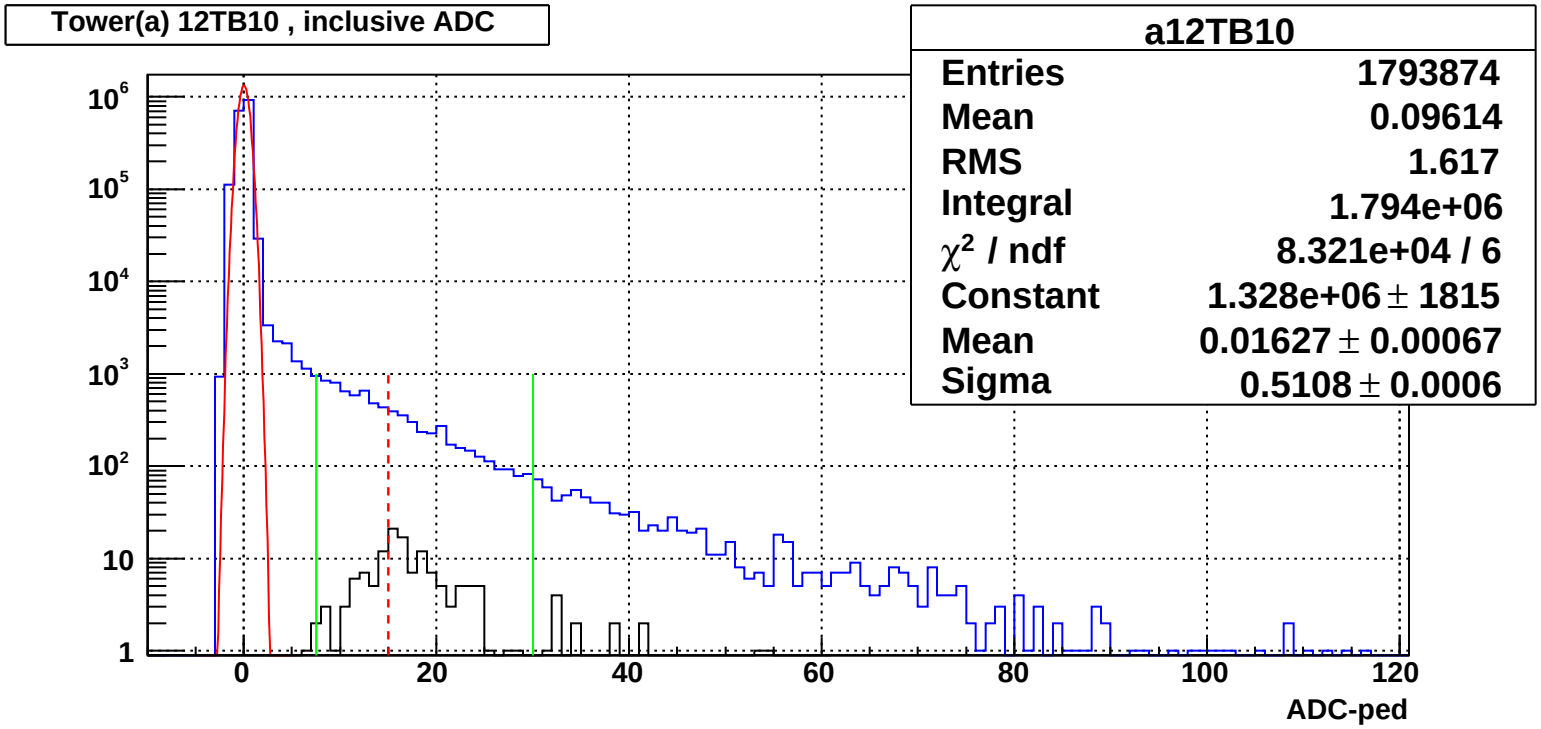

Tower(d) 11TD10 , ADC, tag: UxV 2*thr
d11TD10
Entries 136
Mean 19.39
RMS 8.899
Integral 135
χ² / ndf 22.06 / 17
x0 16.35 ± 0.16
aL 9.698 ± 7.029
sigL 1.587e+05 ± 103333360
sigG 3.342 ± 0.210
ADC-ped

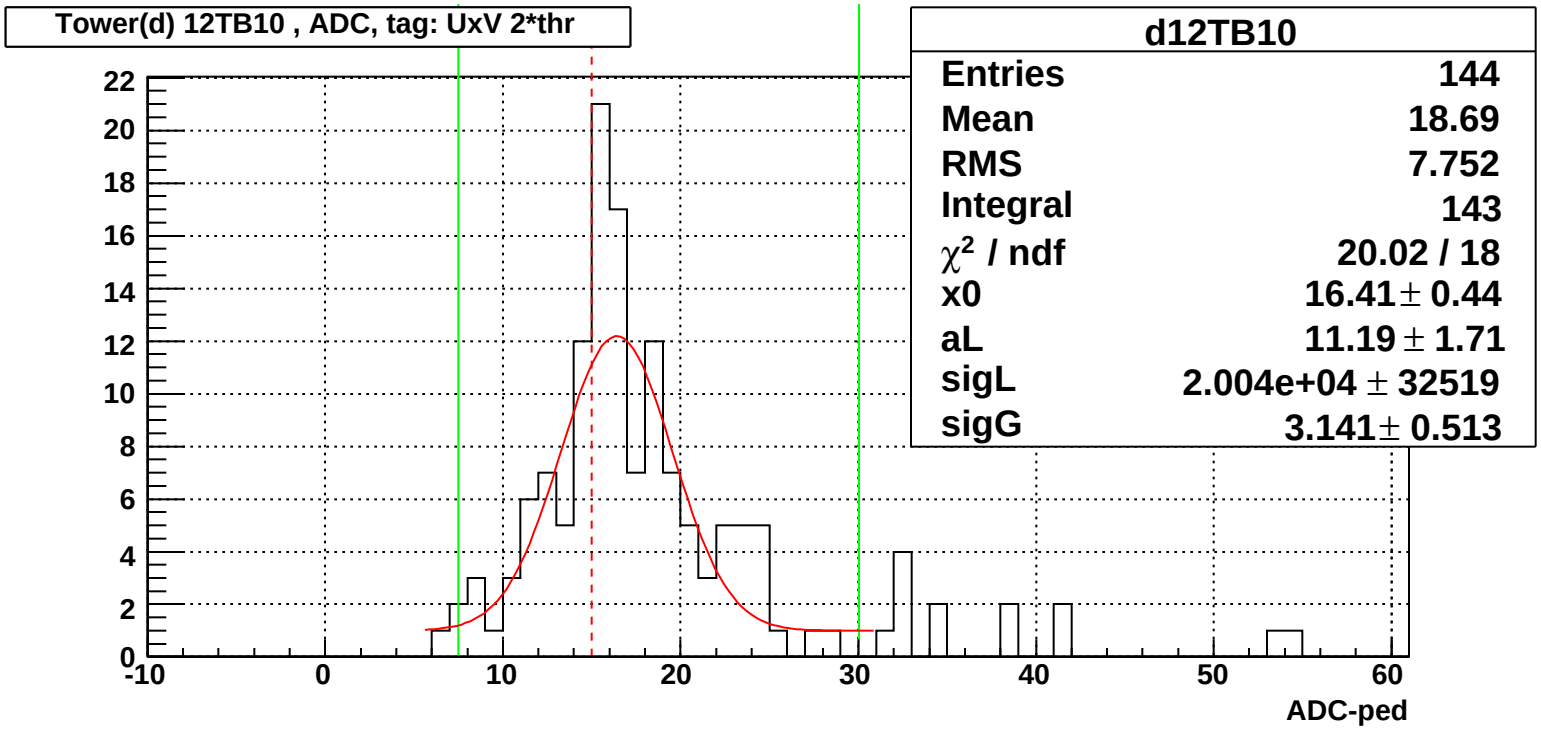

Tower(a) 11TE10 , inclusive ADC
a11TE10
Entries 1793874
Mean 0.5319
RMS 1.605
Integral 1.794e+06
χ² / ndf 7.051e+04 / 8
Constant 1.102e+06 ± 1480
Mean 0.4172 ± 0.0005
Sigma 0.6199 ± 0.0007
ADC-ped

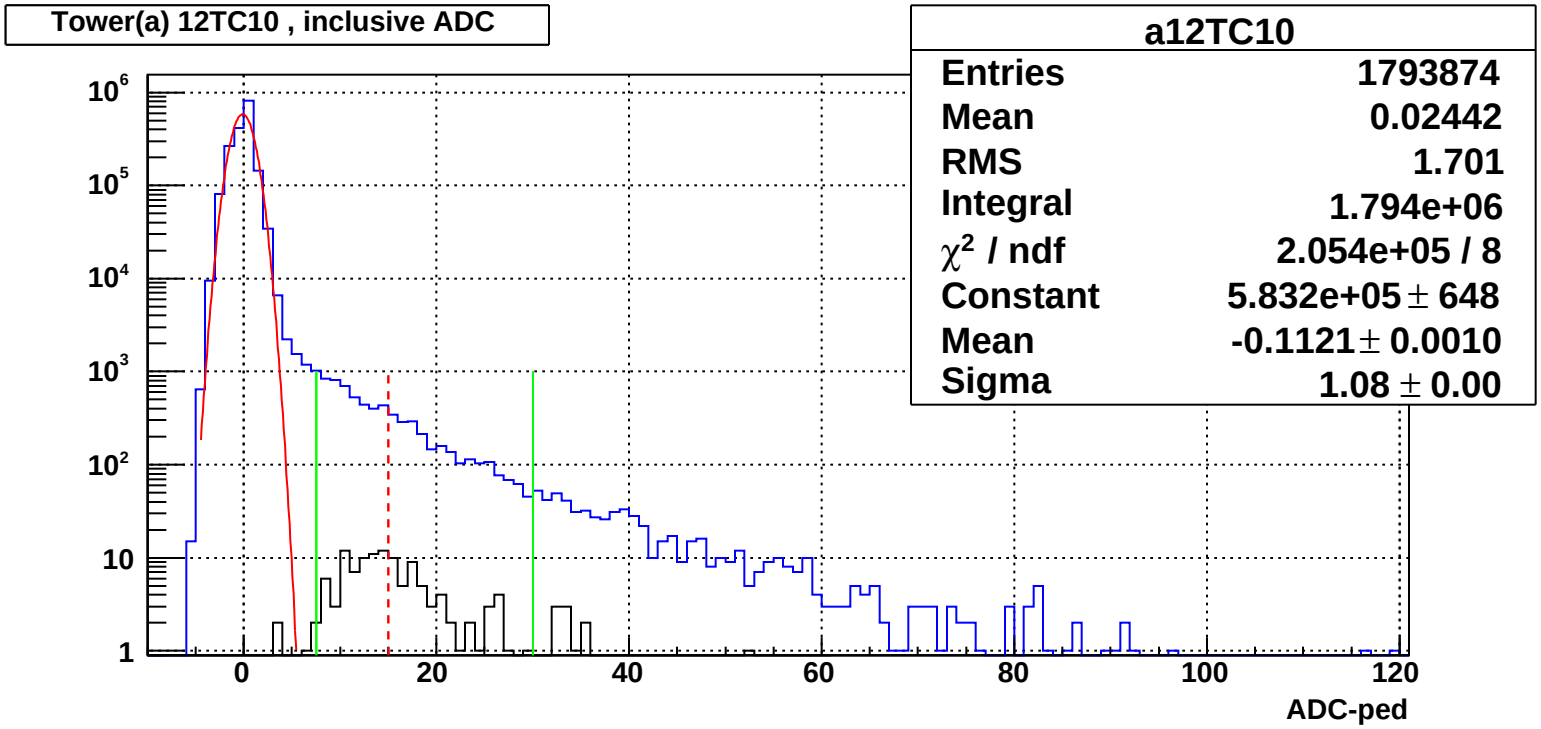

Tower(d) 11TE10 , ADC, tag: UxV 2*thr
d11TE10
Entries 92
Mean 17.87
RMS 7.019
Integral 91
χ² / ndf 5.229 / 16
x0 17.09 ± 0.43
aL 9.451 ± 1.589
sigL 1.411e+04 ± 17246
sigG 2.72 ± 0.45
ADC-ped

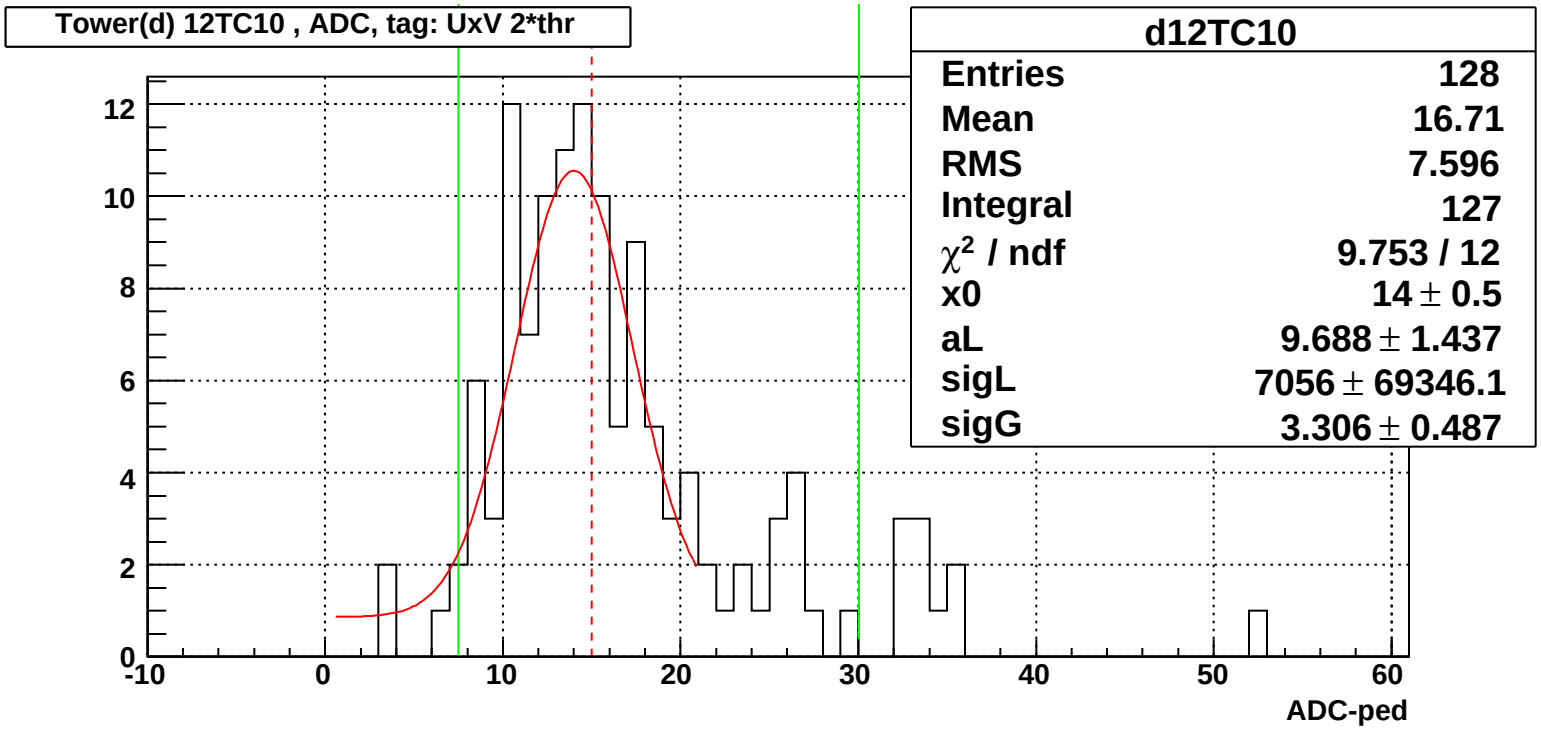

Tower(a) 12TA10 , inclusive ADC
a12TA10
Entries 1793874
Mean 0.03113
RMS 1.675
Integral 1.794e+06
χ² / ndf 1.321e+05 / 7
Constant 9.915e+05 ± 1090
Mean -0.08126 ± 0.00072
Sigma 0.6645 ± 0.0005
ADC-ped

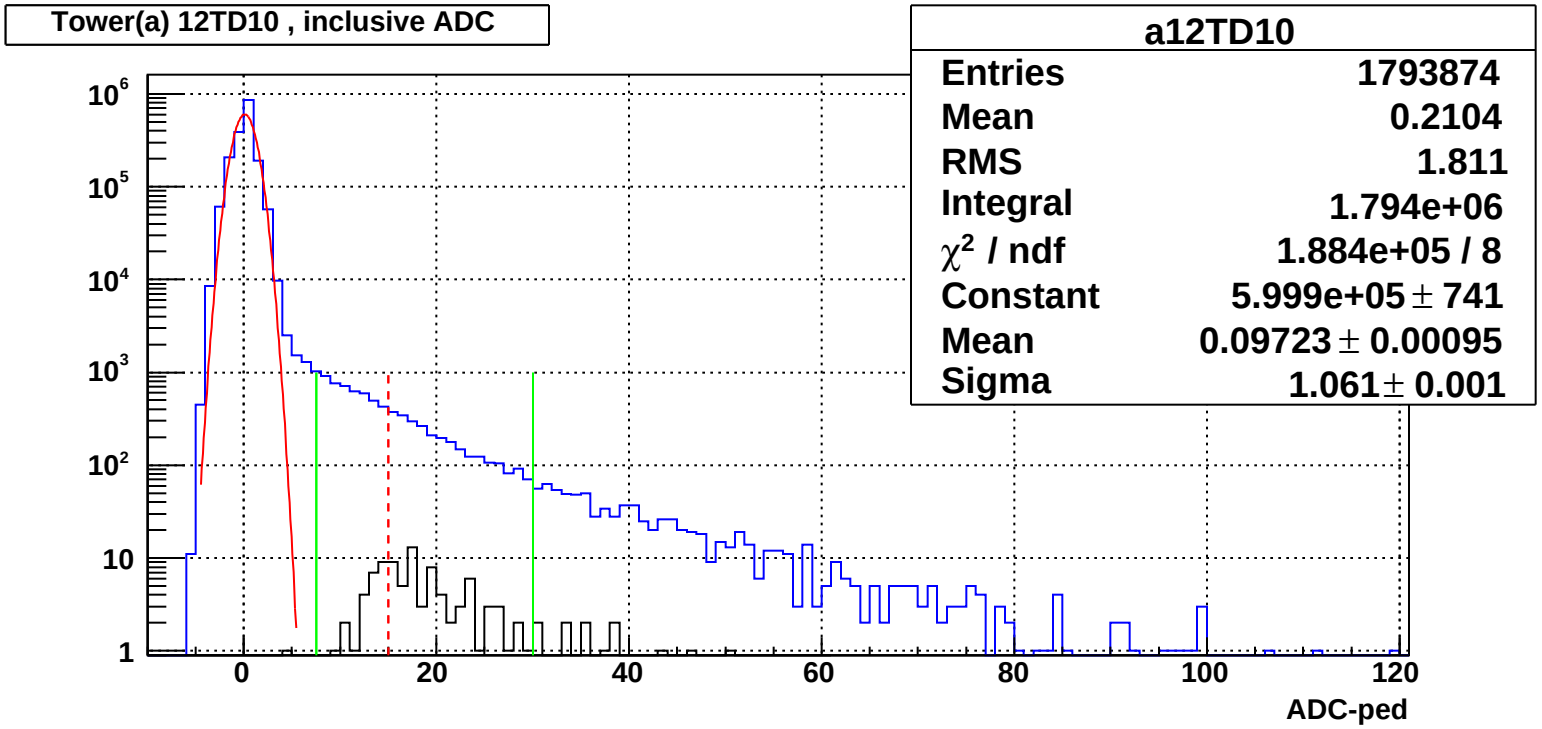

Tower(d) 12TA10 , ADC, tag: UxV 2*thr
d12TA10
Entries 145
Mean 19.6
RMS 7.863
Integral 143
χ² / ndf 21.33 / 20
x0 16.46 ± 0.53
aL 9.563 ± 0.909
sigL 2.836e+04 ± 1
sigG 4.101 ± 0.500
ADC-ped

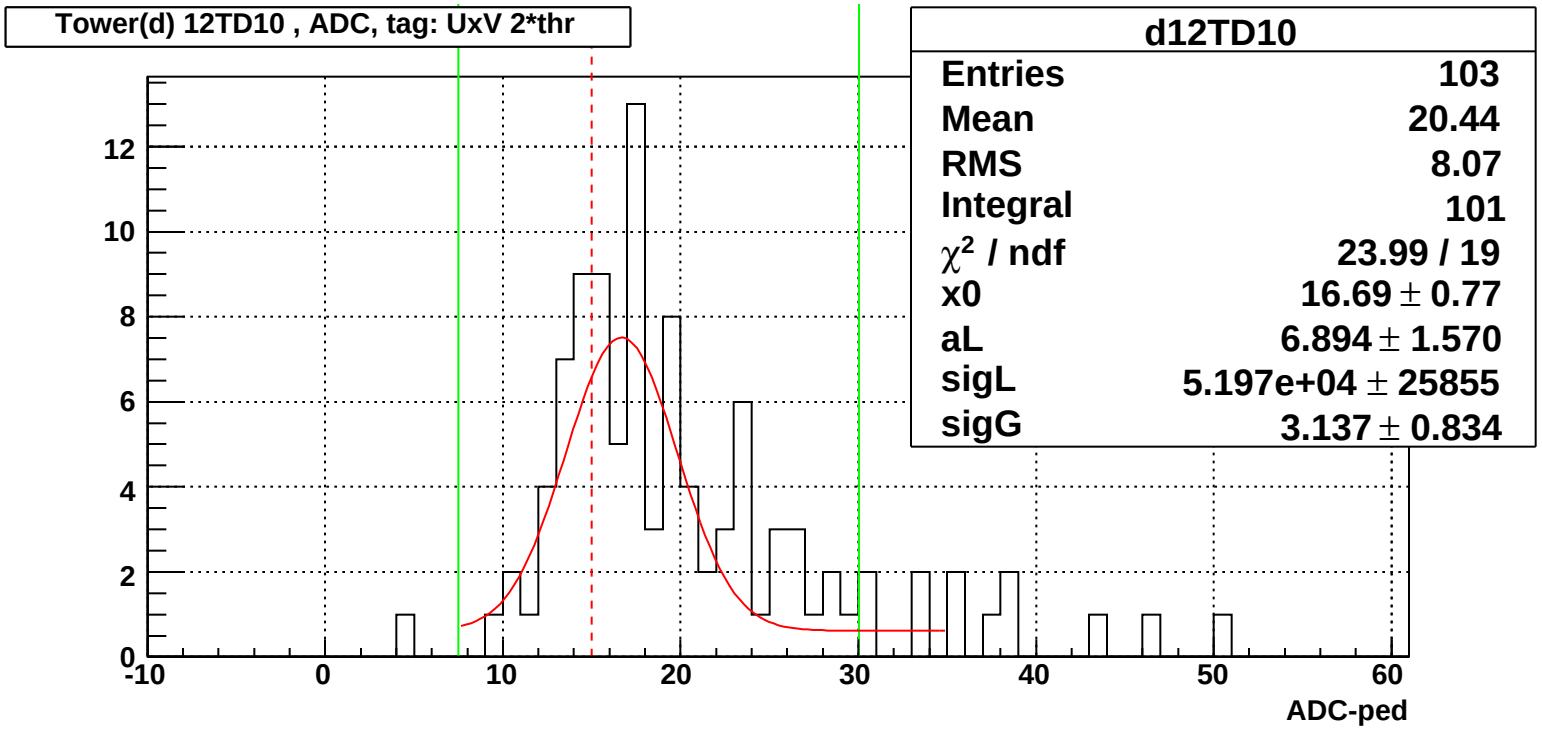

Tower(a) 12TB10 , inclusive ADC
a12TB10
Entries 1793874
Mean 0.09614
RMS 1.617
Integral 1.794e+06
χ² / ndf 8.321e+04 / 6
Constant 1.328e+06 ± 1815
Mean 0.01627 ± 0.00067
Sigma 0.5108 ± 0.0006
ADC-ped

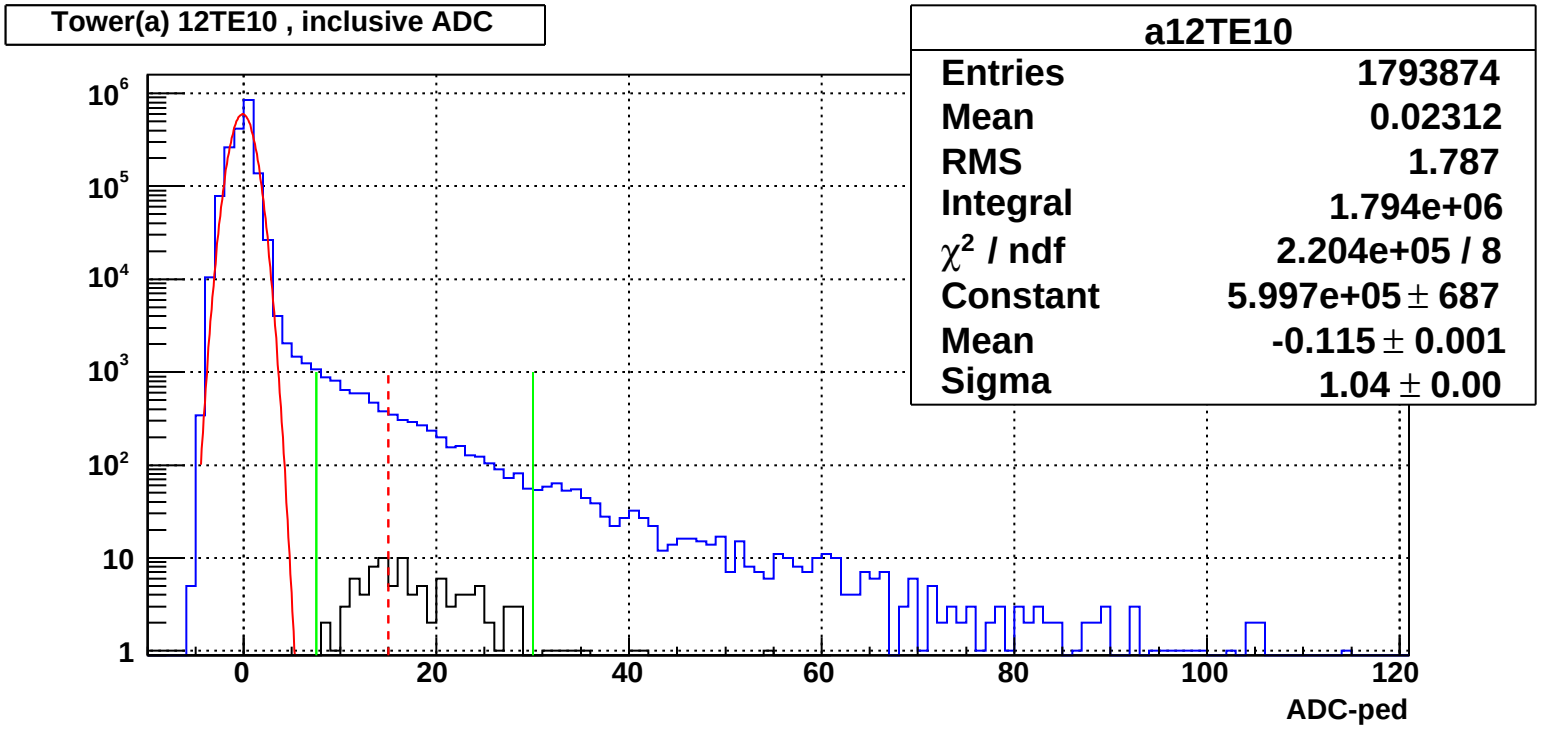

Tower(d) 12TB10 , ADC, tag: UxV 2*thr
d12TB10
Entries 144
Mean 18.69
RMS 7.752
Integral 143
χ² / ndf 20.02 / 18
x0 16.41 ± 0.44
aL 11.19 ± 1.71
sigL 2.004e+04 ± 32519
sigG 3.141 ± 0.513
ADC-ped

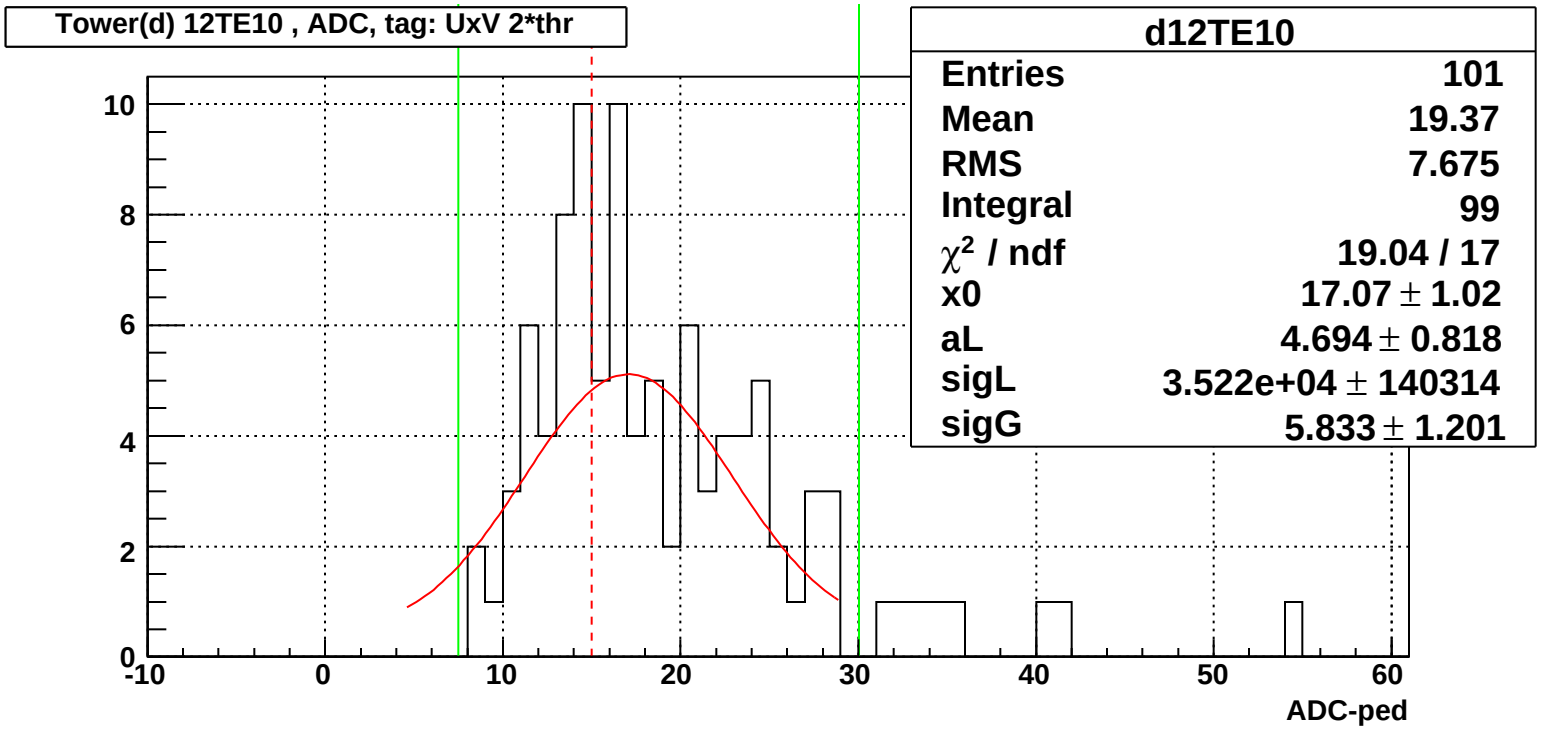

Tower(a) 12TC10 , inclusive ADC
a12TC10
Entries 1793874
Mean 0.02442
RMS 1.701
Integral 1.794e+06
χ² / ndf 2.054e+05 / 8
Constant 5.832e+05 ± 648
Mean -0.1121 ± 0.0010
Sigma 1.08 ± 0.00
ADC-ped

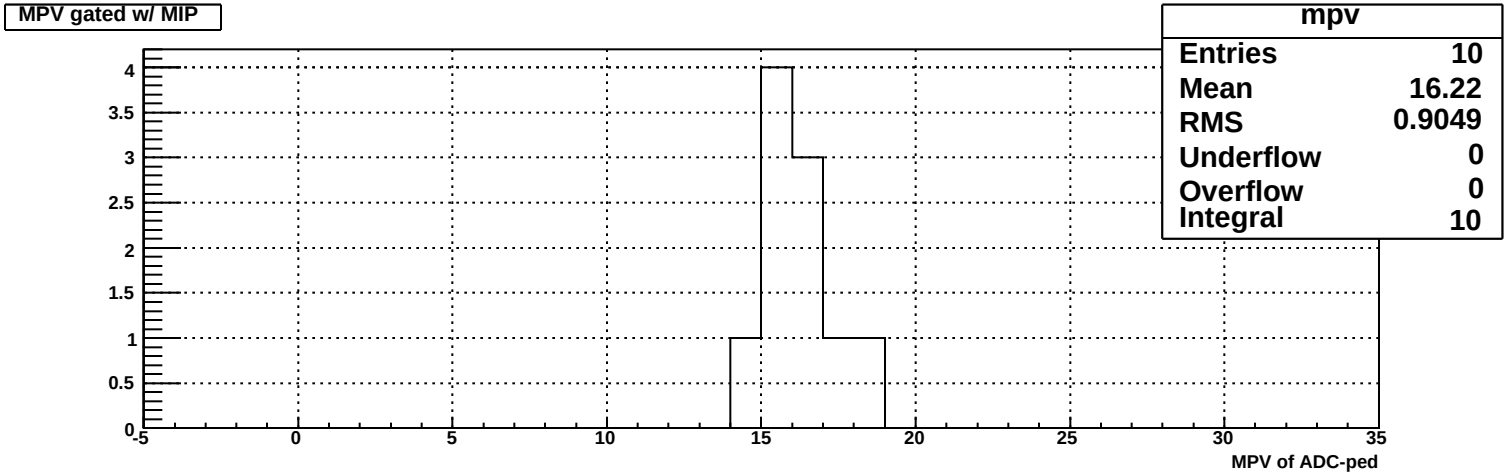

Tower(d) 12TC10 , ADC, tag: UxV 2*thr
d12TC10
Entries 128
Mean 16.71
RMS 7.596
Integral 127
χ² / ndf 9.753 / 12
x0 14 ± 0.5
aL 9.688 ± 1.437
sigL 7056 ± 69346.1
sigG 3.306 ± 0.487
ADC-ped

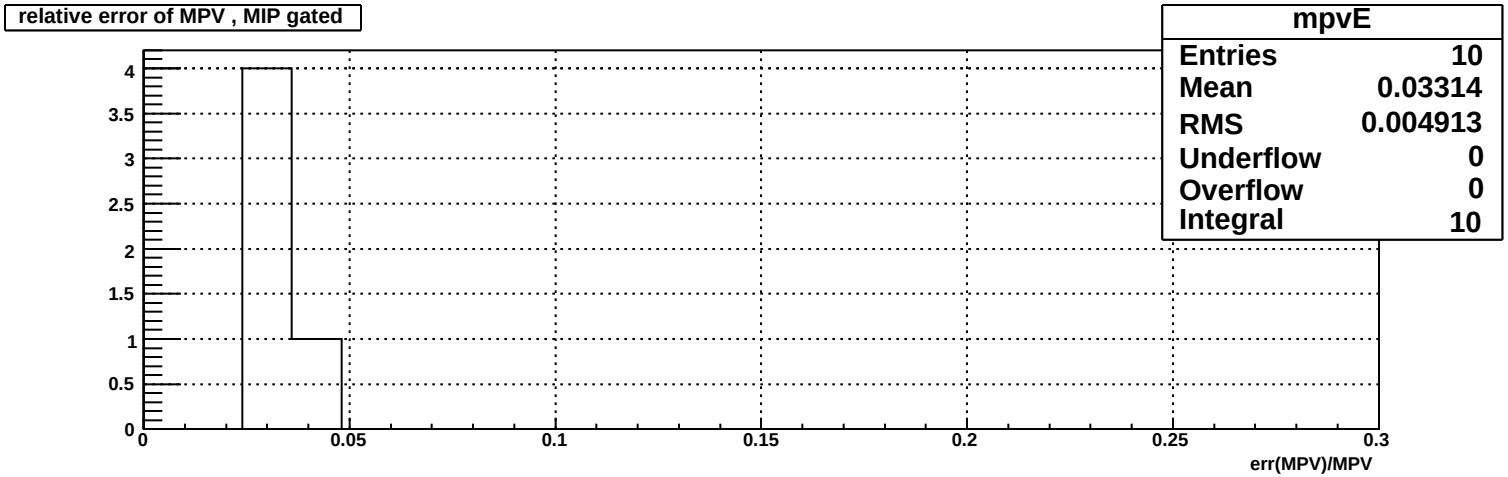

Tower(a) 12TD10 , inclusive ADC
a12TD10
Entries 1793874
Mean 0.2104
RMS 1.811
Integral 1.794e+06
χ² / ndf 1.884e+05 / 8
Constant 5.999e+05 ± 741
Mean 0.09723 ± 0.00095
Sigma 1.061 ± 0.001
ADC-ped


Tower(d) 12TD10 , ADC, tag: UxV 2*thr
d12TD10
Entries 103
Mean 20.44
RMS 8.07
Integral 101
χ² / ndf 23.99 / 19
x0 16.69 ± 0.77
aL 6.894 ± 1.570
sigL 5.197e+04 ± 25855
sigG 3.137 ± 0.834
ADC-ped


Tower(a) 12TE10 , inclusive ADC
a12TE10
Entries 1793874
Mean 0.02312
RMS 1.787
Integral 1.794e+06
χ² / ndf 2.204e+05 / 8
Constant 5.997e+05 ± 687
Mean -0.115 ± 0.001
Sigma 1.04 ± 0.00
ADC-ped


Tower(d) 12TE10 , ADC, tag: UxV 2*thr
d12TE10
Entries 101
Mean 19.37
RMS 7.675
Integral 99
χ² / ndf 19.04 / 17
x0 17.07 ± 1.02
aL 4.694 ± 0.818
sigL 3.522e+04 ± 140314
sigG 5.833 ± 1.201
ADC-ped


MPV gated w/ MIP
mpv
Entries 10
Mean 16.22
RMS 0.9049
Underflow 0
Overflow 0
Integral 10
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 10
Mean 0.03314
RMS 0.004913
Underflow 0
Overflow 0
Integral 10
err(MPV)/MPV