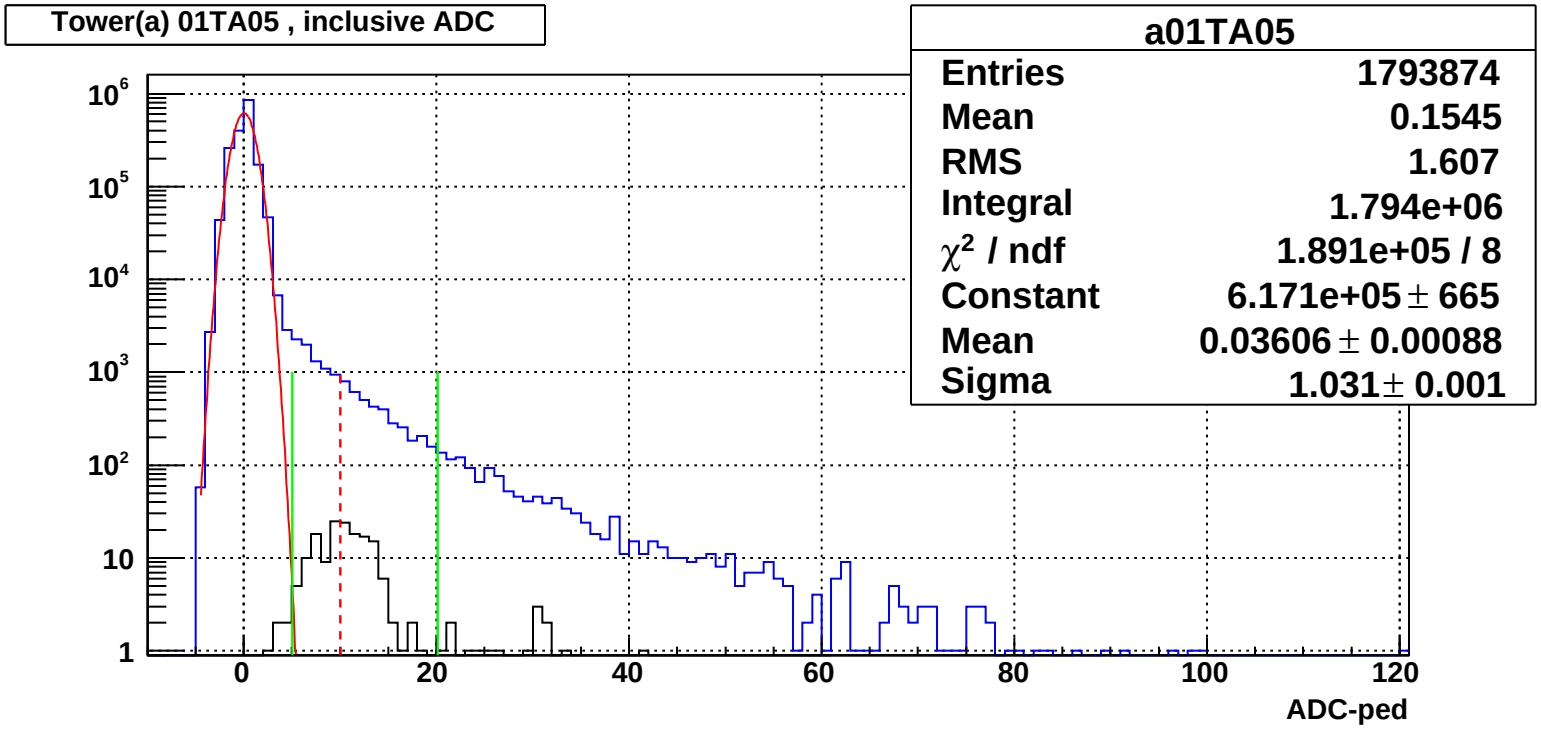
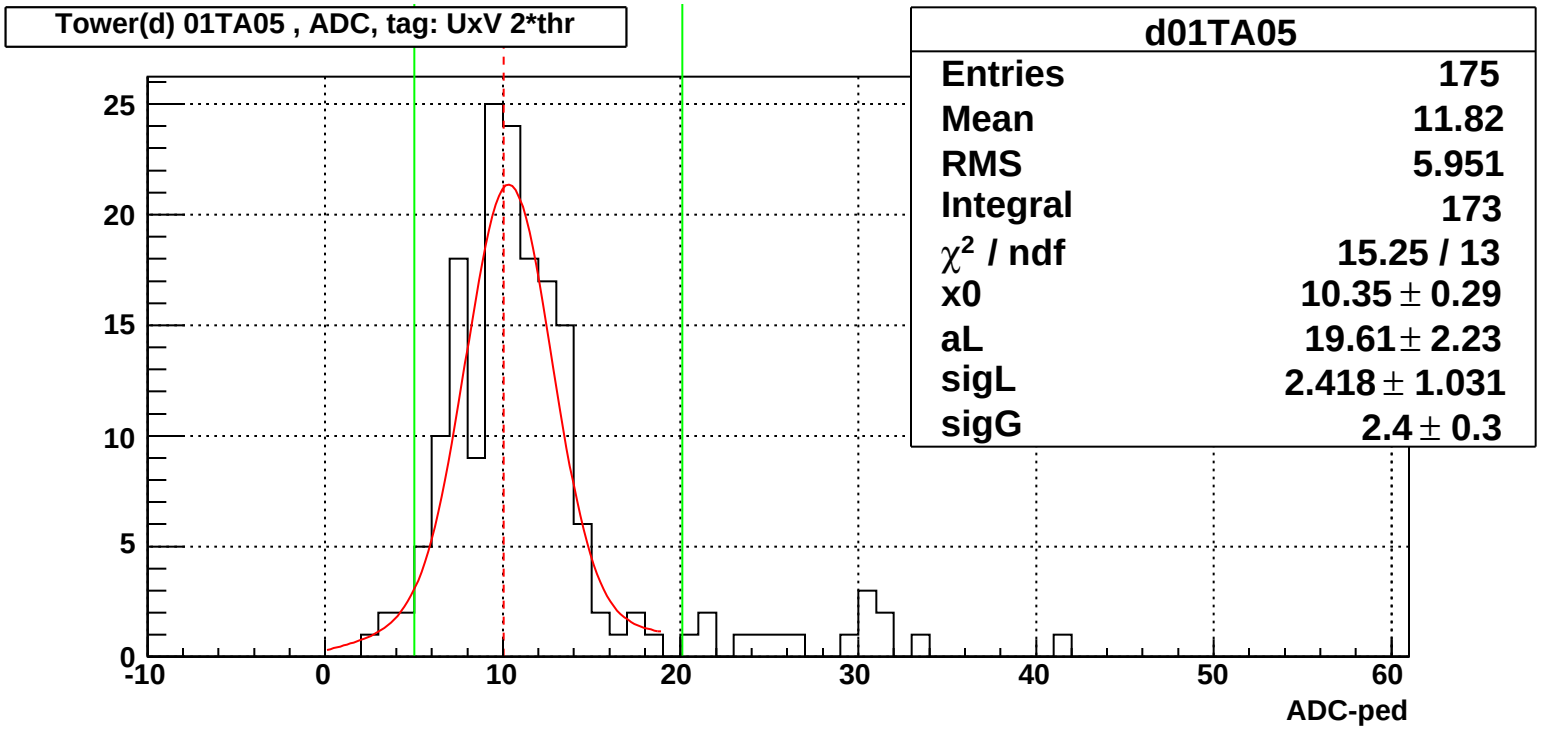
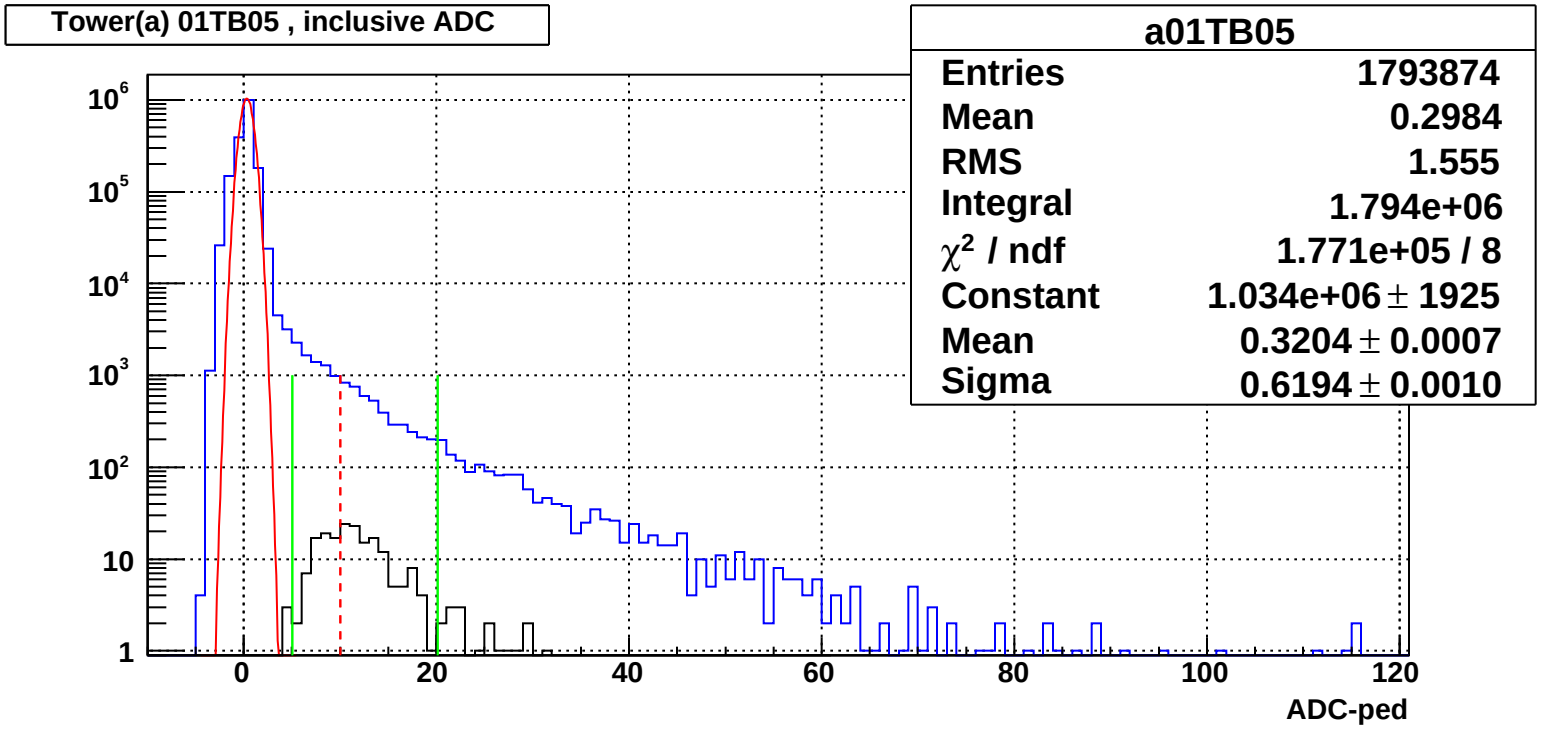
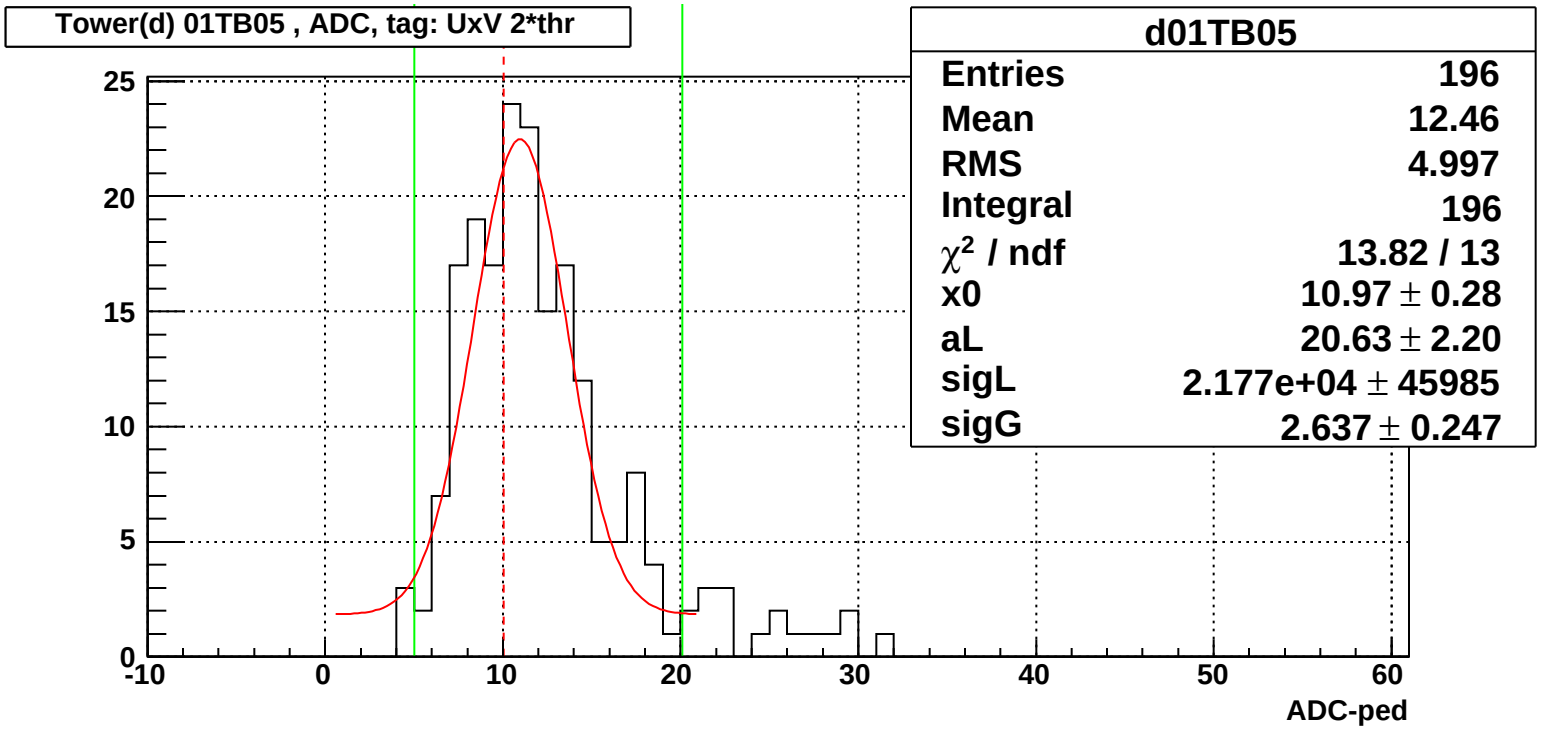
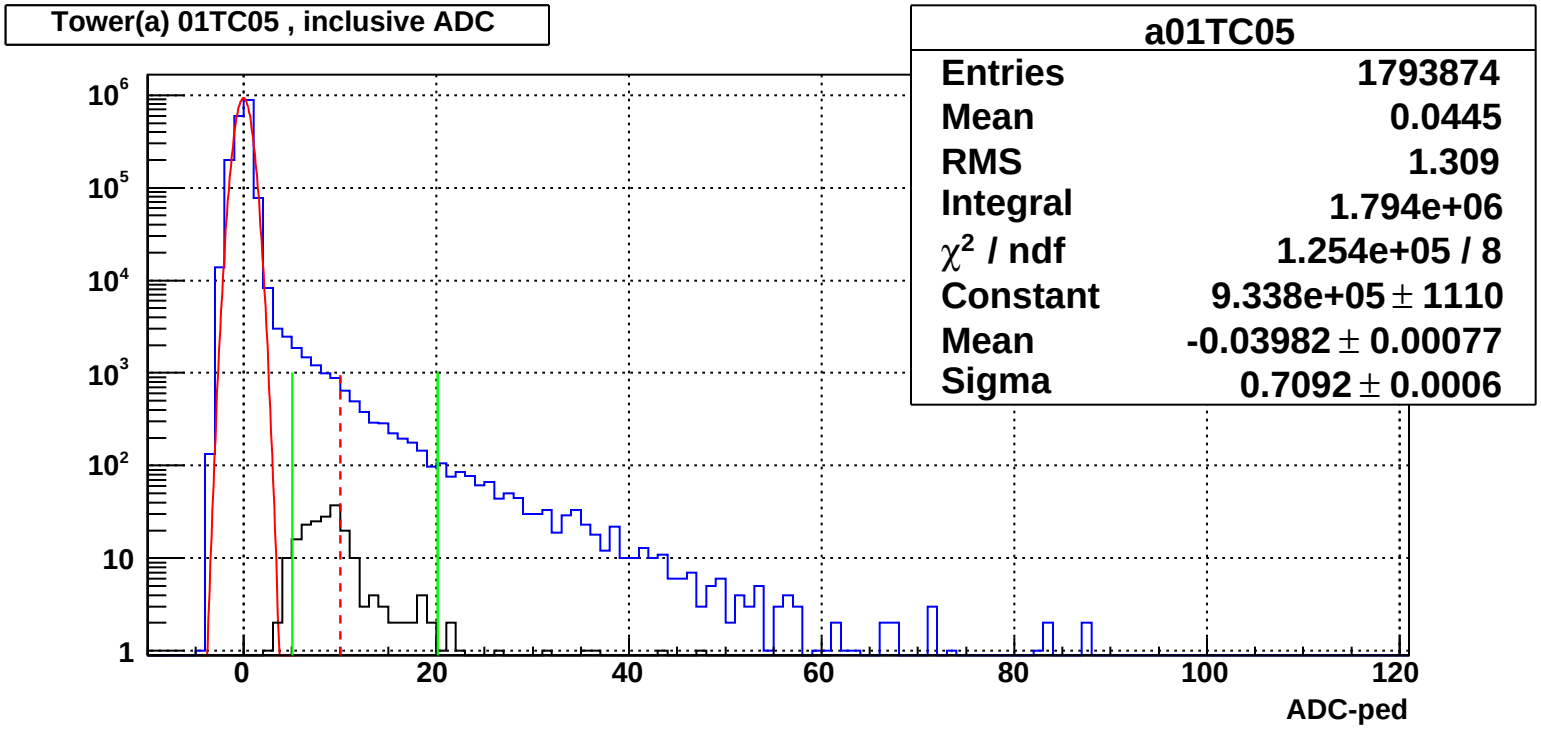
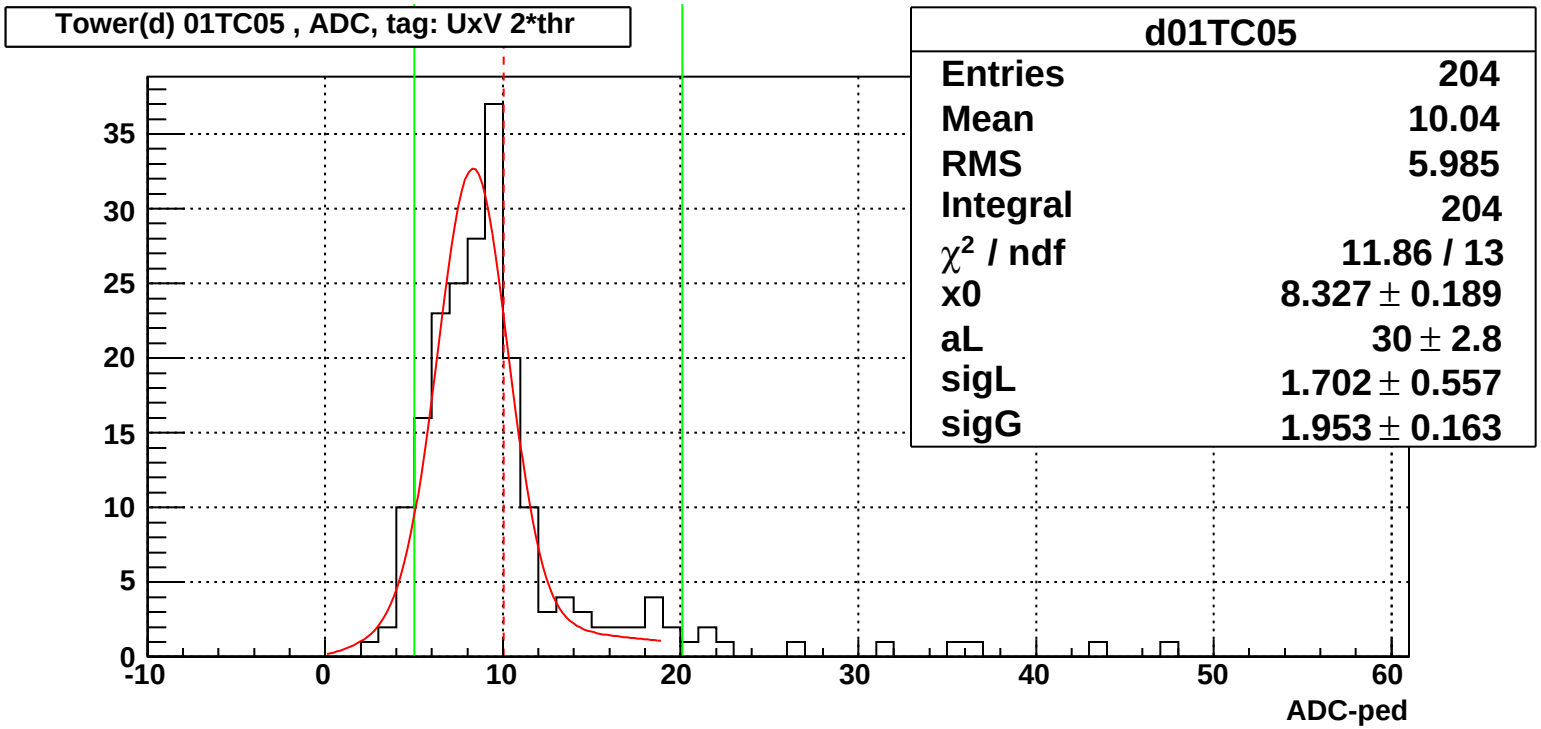

Tower(a) 01TA05 , inclusive ADC
a01TA05
Entries 1793874
Mean 0.1545
RMS 1.607
Integral 1.794e+06
χ² / ndf 1.891e+05 / 8
Constant 6.171e+05 ± 665
Mean 0.03606 ± 0.00088
Sigma 1.031 ± 0.001
ADC-ped

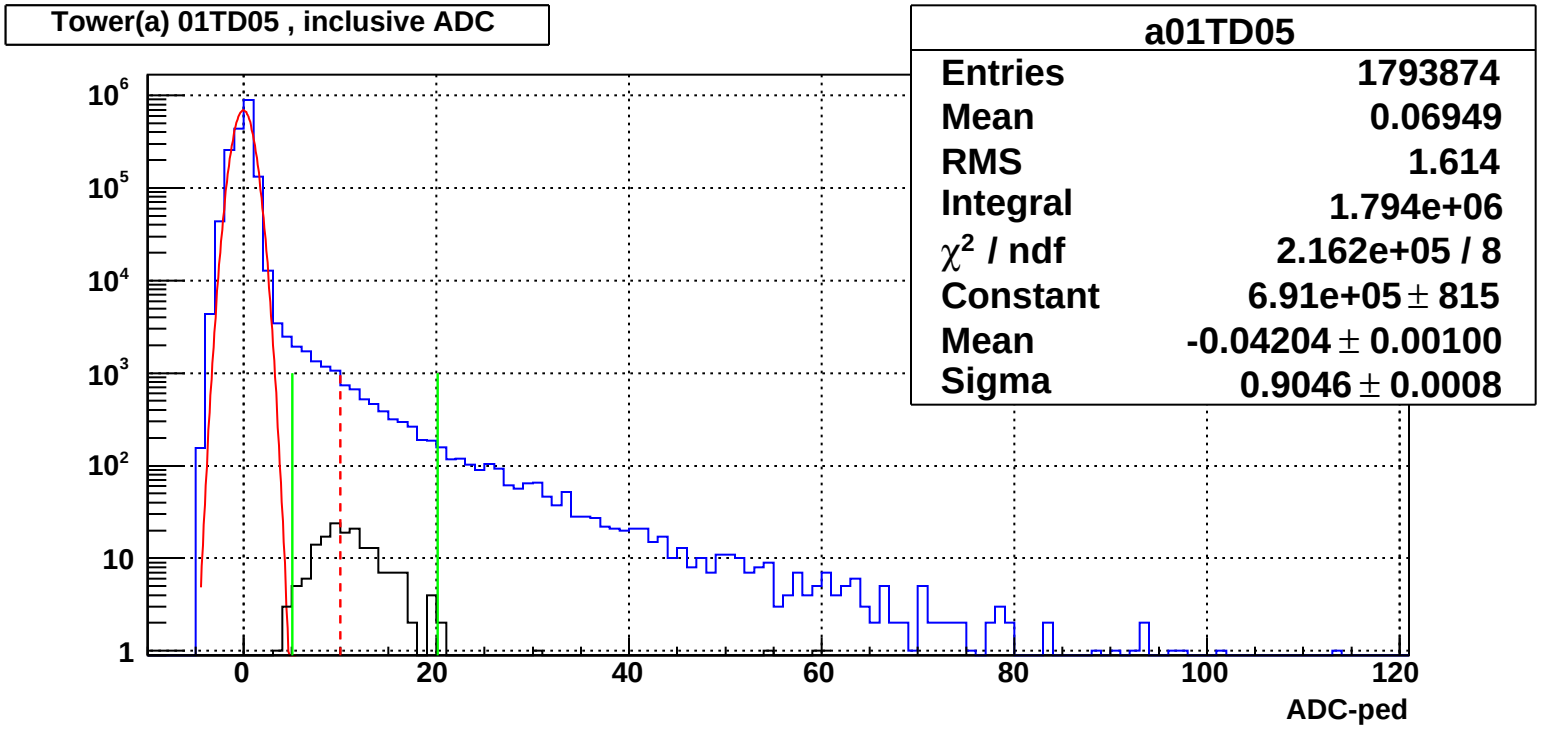

Tower(d) 01TA05 , ADC, tag: UxV 2*thr
d01TA05
Entries 175
Mean 11.82
RMS 5.951
Integral 173
χ² / ndf 15.25 / 13
x0 10.35 ± 0.29
aL 19.61 ± 2.23
sigL 2.418 ± 1.031
sigG 2.4 ± 0.3
ADC-ped

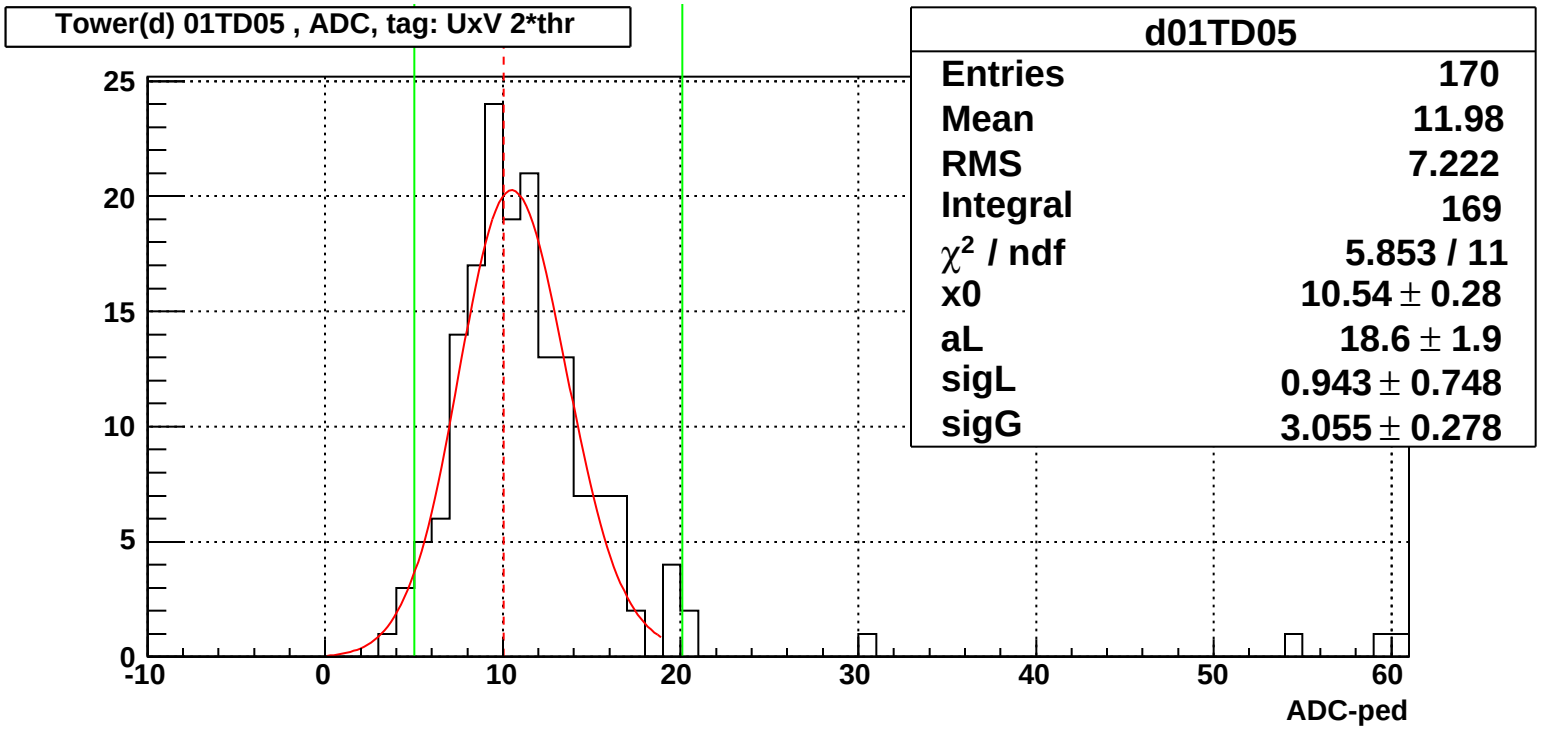

Tower(a) 01TB05 , inclusive ADC
a01TB05
Entries 1793874
Mean 0.2984
RMS 1.555
Integral 1.794e+06
χ² / ndf 1.771e+05 / 8
Constant 1.034e+06 ± 1925
Mean 0.3204 ± 0.0007
Sigma 0.6194 ± 0.0010
ADC-ped

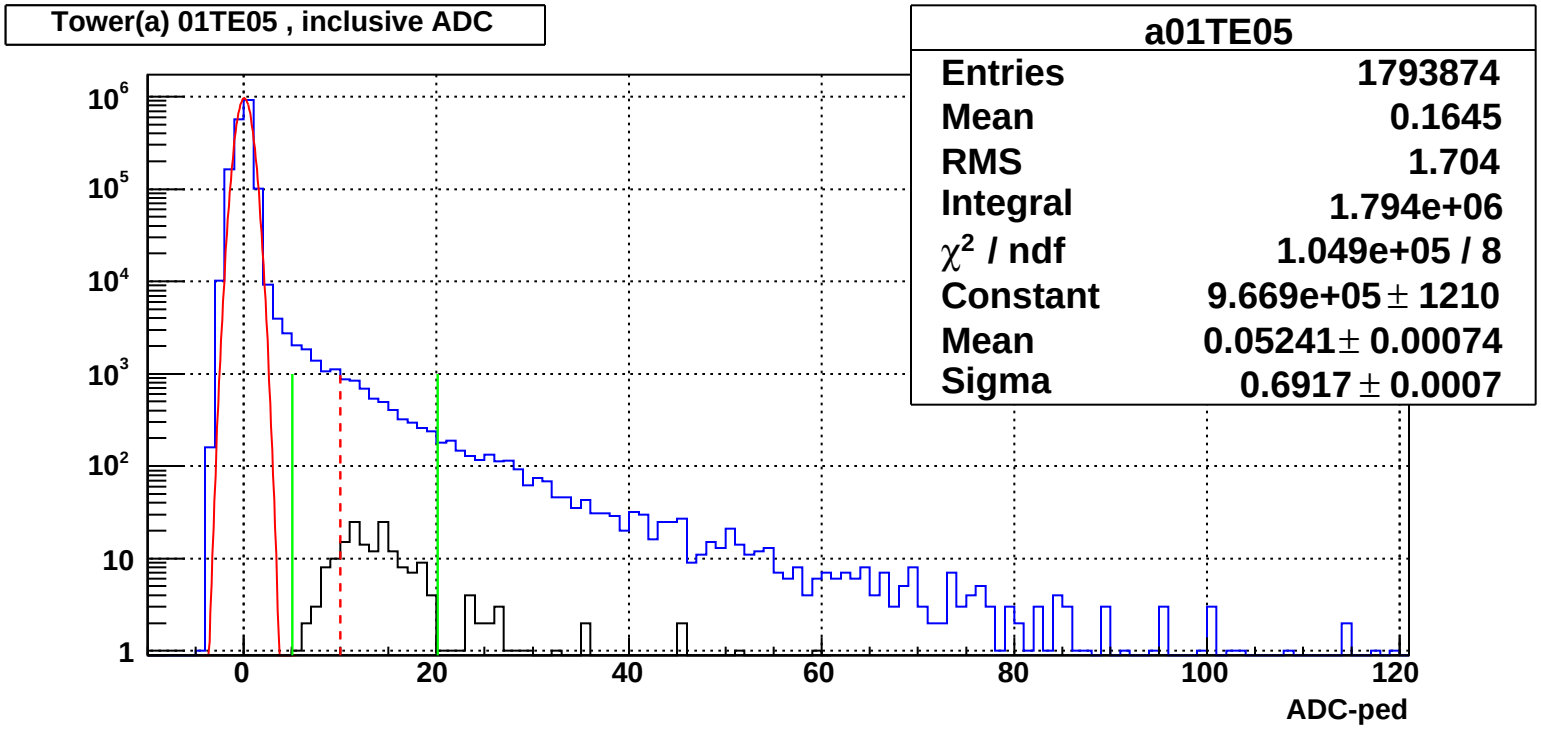

Tower(d) 01TB05 , ADC, tag: UxV 2*thr
d01TB05
Entries 196
Mean 12.46
RMS 4.997
Integral 196
χ² / ndf 13.82 / 13
x0 10.97 ± 0.28
aL 20.63 ± 2.20
sigL 2.177e+04 ± 45985
sigG 2.637 ± 0.247
ADC-ped

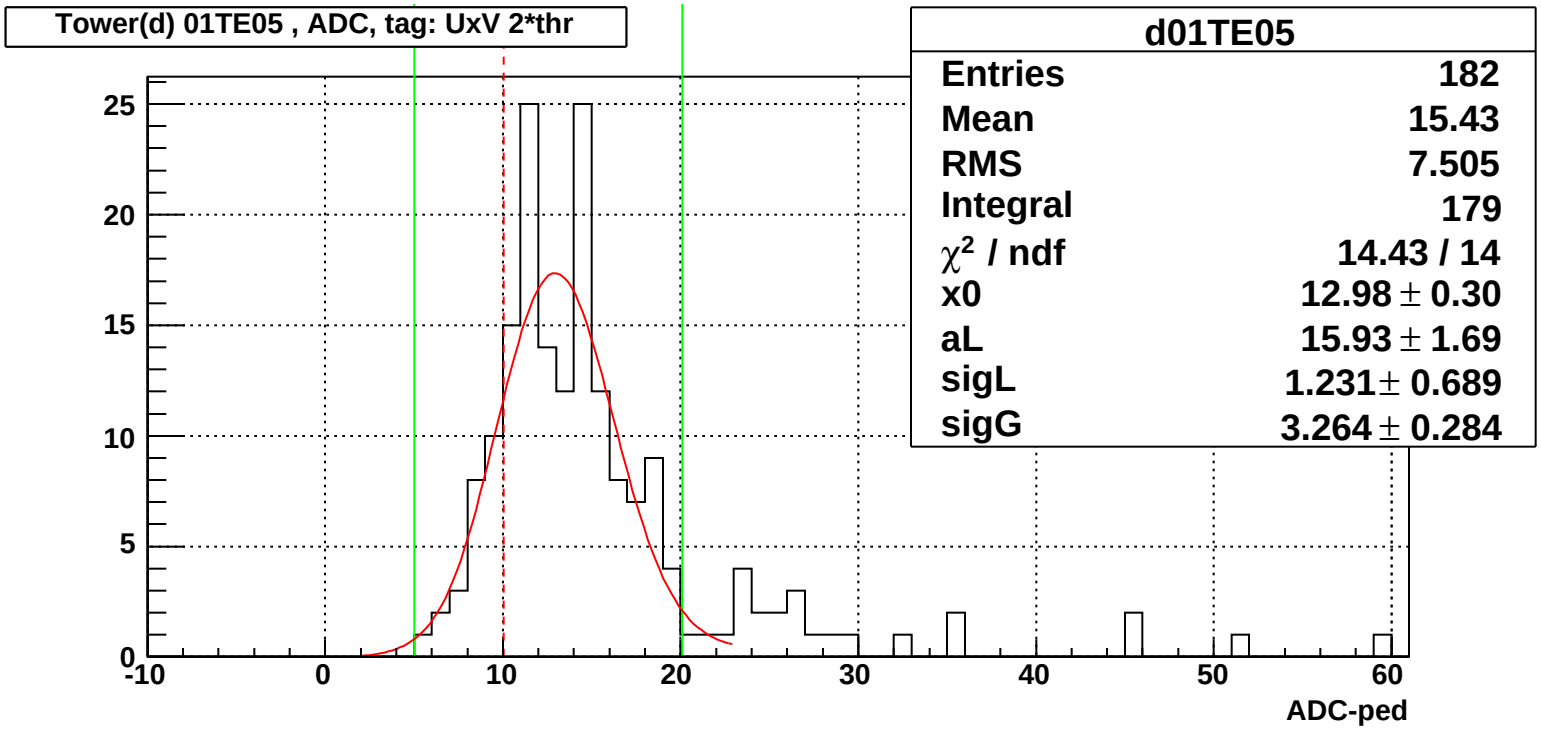

Tower(a) 01TC05 , inclusive ADC
a01TC05
Entries 1793874
Mean 0.0445
RMS 1.309
Integral 1.794e+06
χ² / ndf 1.254e+05 / 8
Constant 9.338e+05 ± 1110
Mean -0.03982 ± 0.00077
Sigma 0.7092 ± 0.0006
ADC-ped

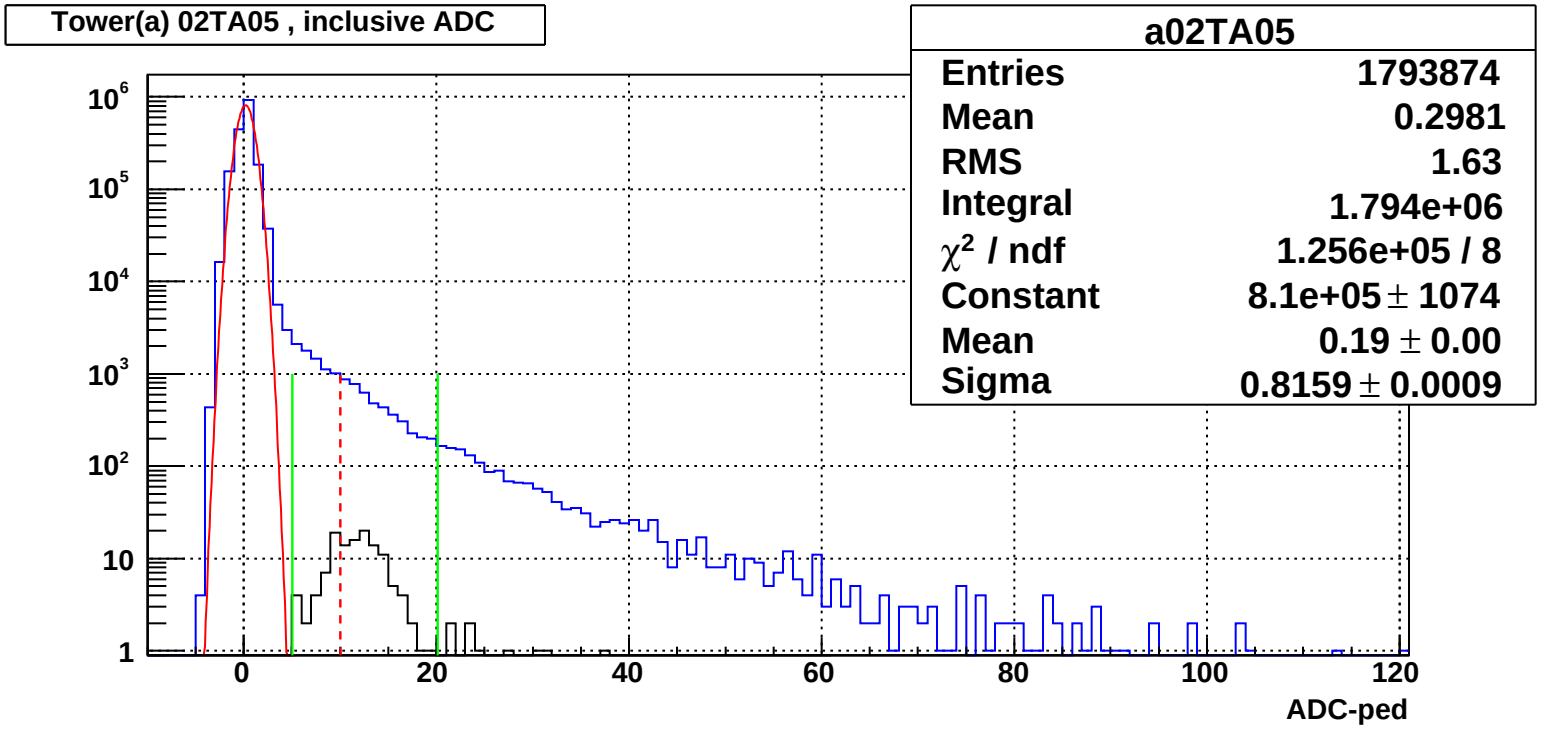

Tower(d) 01TC05 , ADC, tag: UxV 2*thr
d01TC05
Entries 204
Mean 10.04
RMS 5.985
Integral 204
χ² / ndf 11.86 / 13
x0 8.327 ± 0.189
aL 30 ± 2.8
sigL 1.702 ± 0.557
sigG 1.953 ± 0.163
ADC-ped

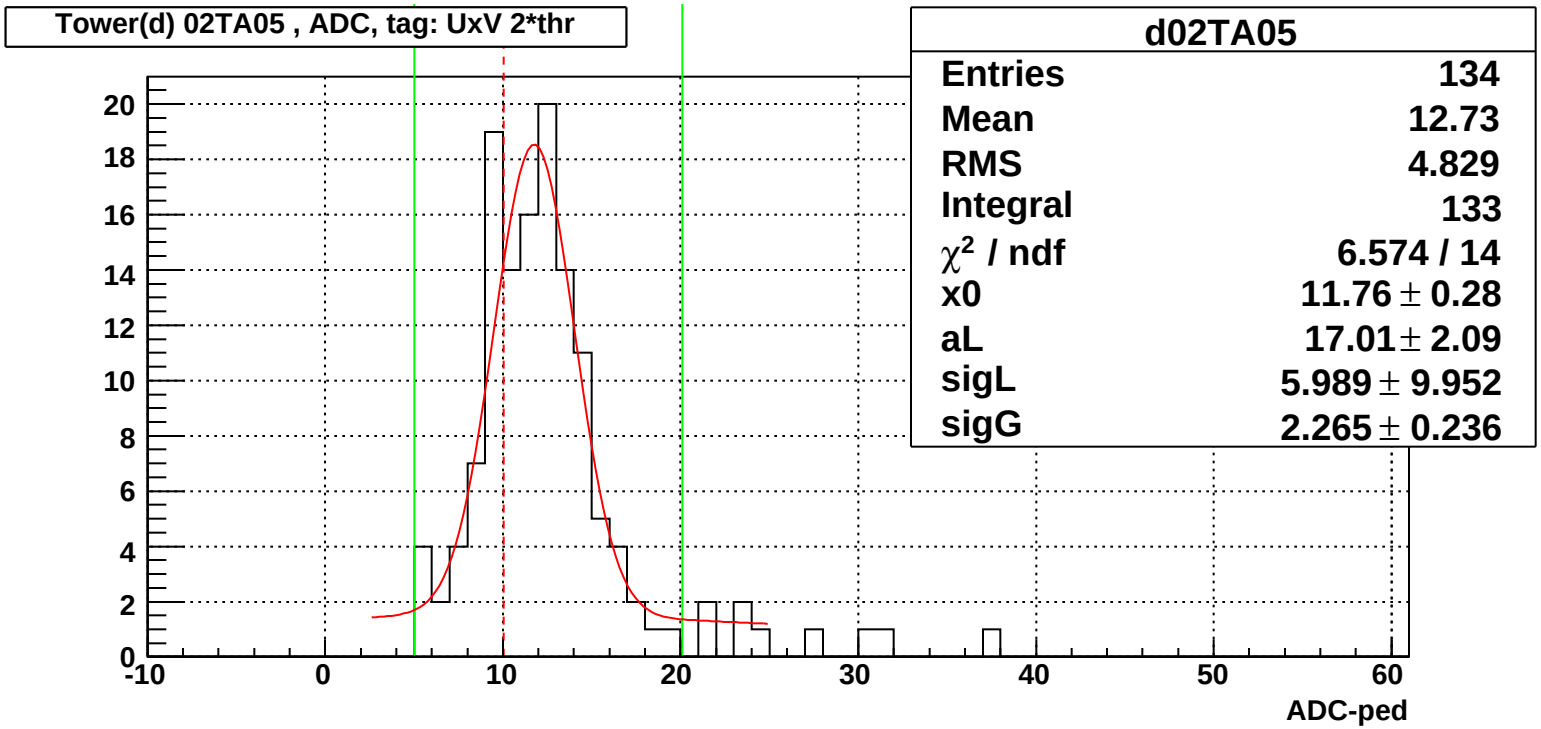

Tower(a) 01TD05 , inclusive ADC
a01TD05
Entries 1793874
Mean 0.06949
RMS 1.614
Integral 1.794e+06
χ² / ndf 2.162e+05 / 8
Constant 6.91e+05 ± 815
Mean -0.04204 ± 0.00100
Sigma 0.9046 ± 0.0008
ADC-ped

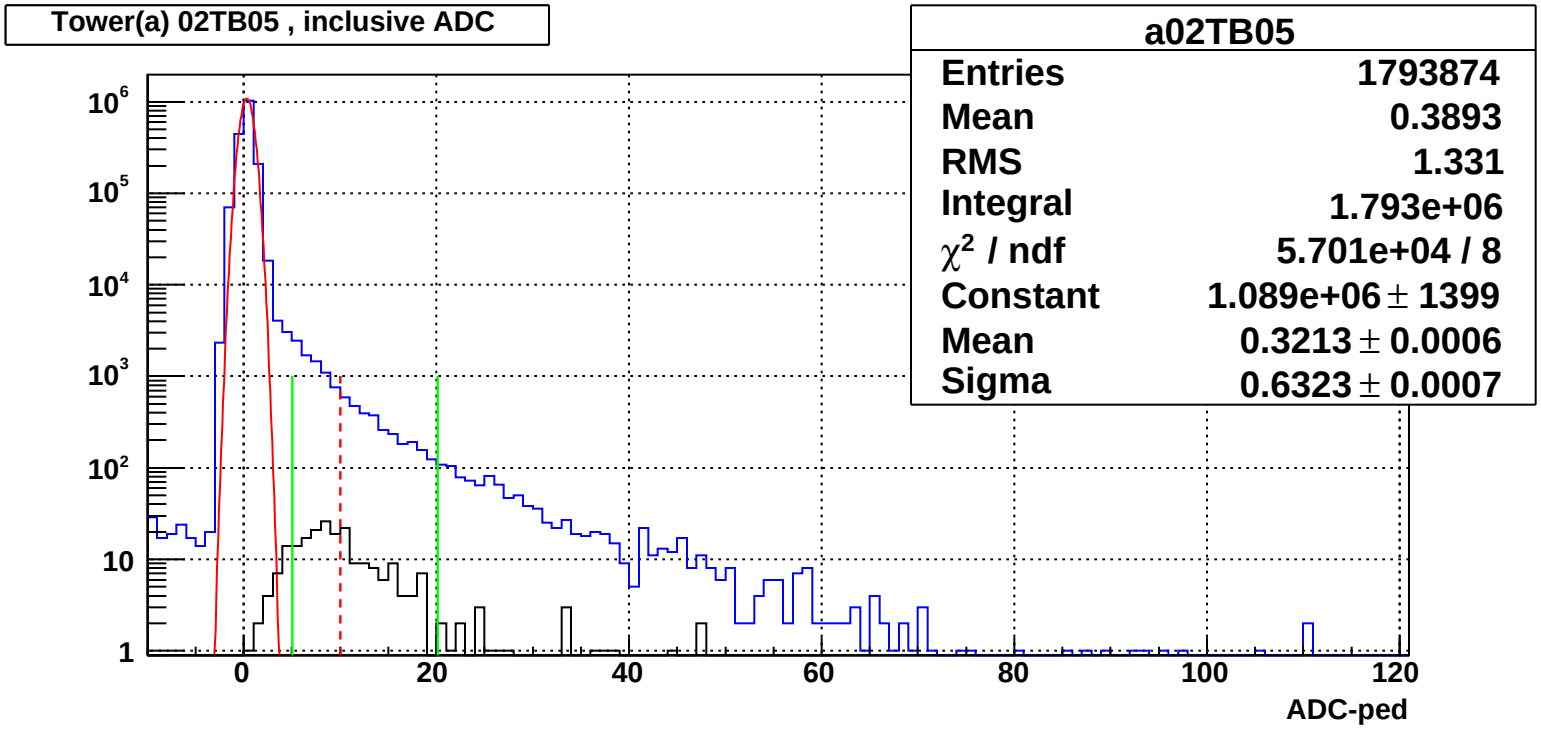

Tower(d) 01TD05 , ADC, tag: UxV 2*thr
d01TD05
Entries 170
Mean 11.98
RMS 7.222
Integral 169
χ² / ndf 5.853 / 11
x0 10.54 ± 0.28
aL 18.6 ± 1.9
sigL 0.943 ± 0.748
sigG 3.055 ± 0.278
ADC-ped

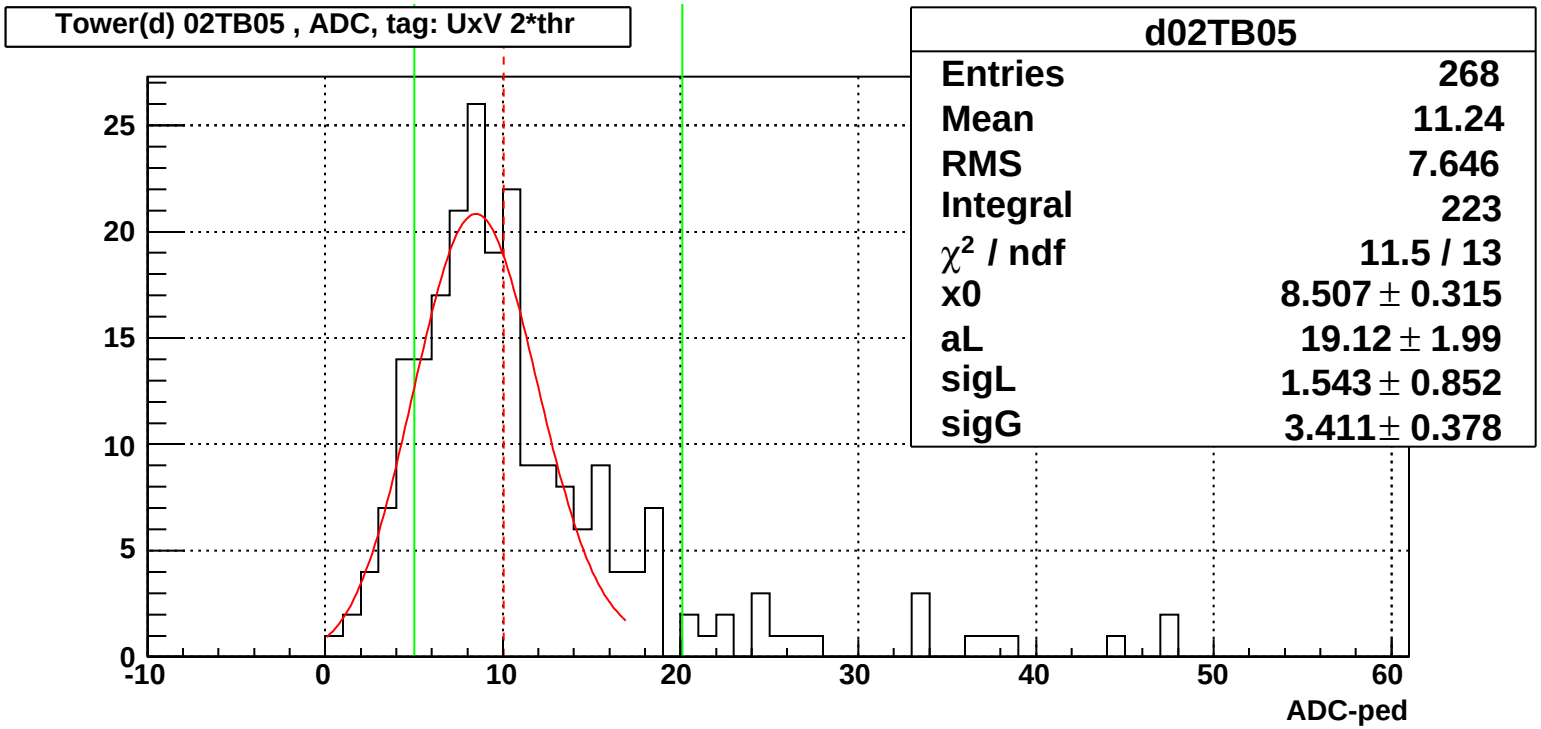

Tower(a) 01TE05 , inclusive ADC
a01TE05
Entries 1793874
Mean 0.1645
RMS 1.704
Integral 1.794e+06
χ² / ndf 1.049e+05 / 8
Constant 9.669e+05 ± 1210
Mean 0.05241 ± 0.00074
Sigma 0.6917 ± 0.0007
ADC-ped

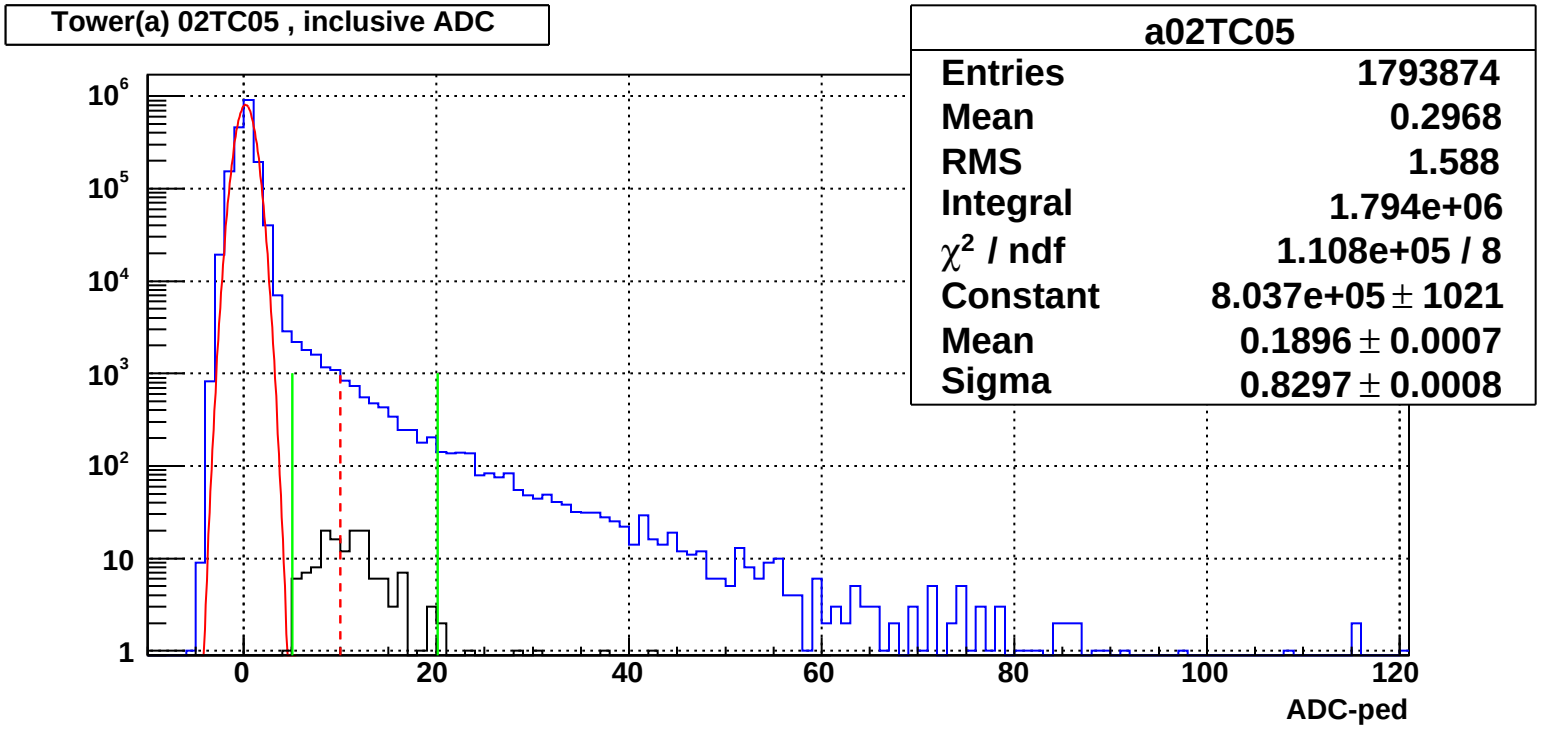

Tower(d) 01TE05 , ADC, tag: UxV 2*thr
d01TE05
Entries 182
Mean 15.43
RMS 7.505
Integral 179
χ² / ndf 14.43 / 14
x0 12.98 ± 0.30
aL 15.93 ± 1.69
sigL 1.231 ± 0.689
sigG 3.264 ± 0.284
ADC-ped

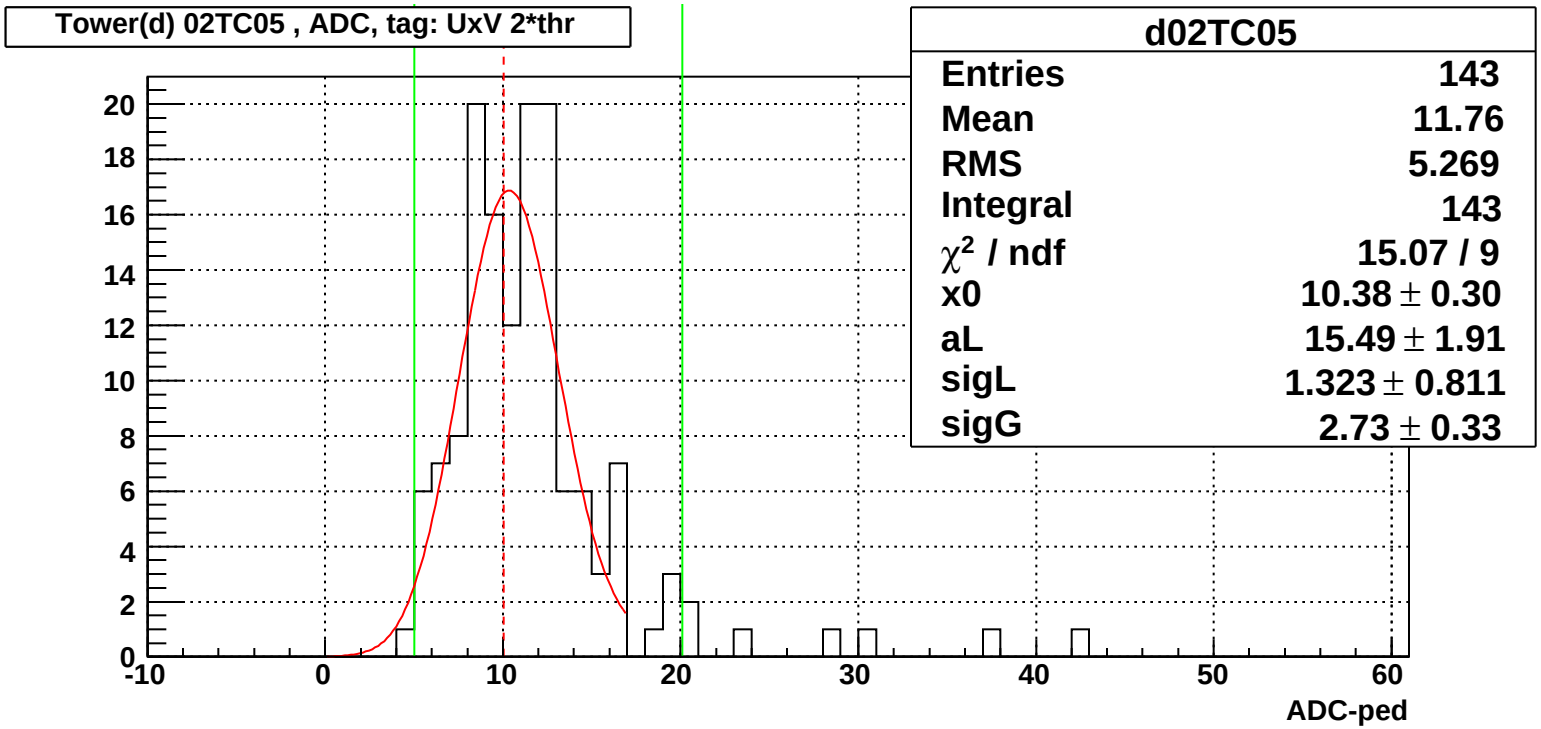

Tower(a) 02TA05 , inclusive ADC
a02TA05
Entries 1793874
Mean 0.2981
RMS 1.63
Integral 1.794e+06
χ² / ndf 1.256e+05 / 8
Constant 8.1e+05 ± 1074
Mean 0.19 ± 0.00
Sigma 0.8159 ± 0.0009
ADC-ped

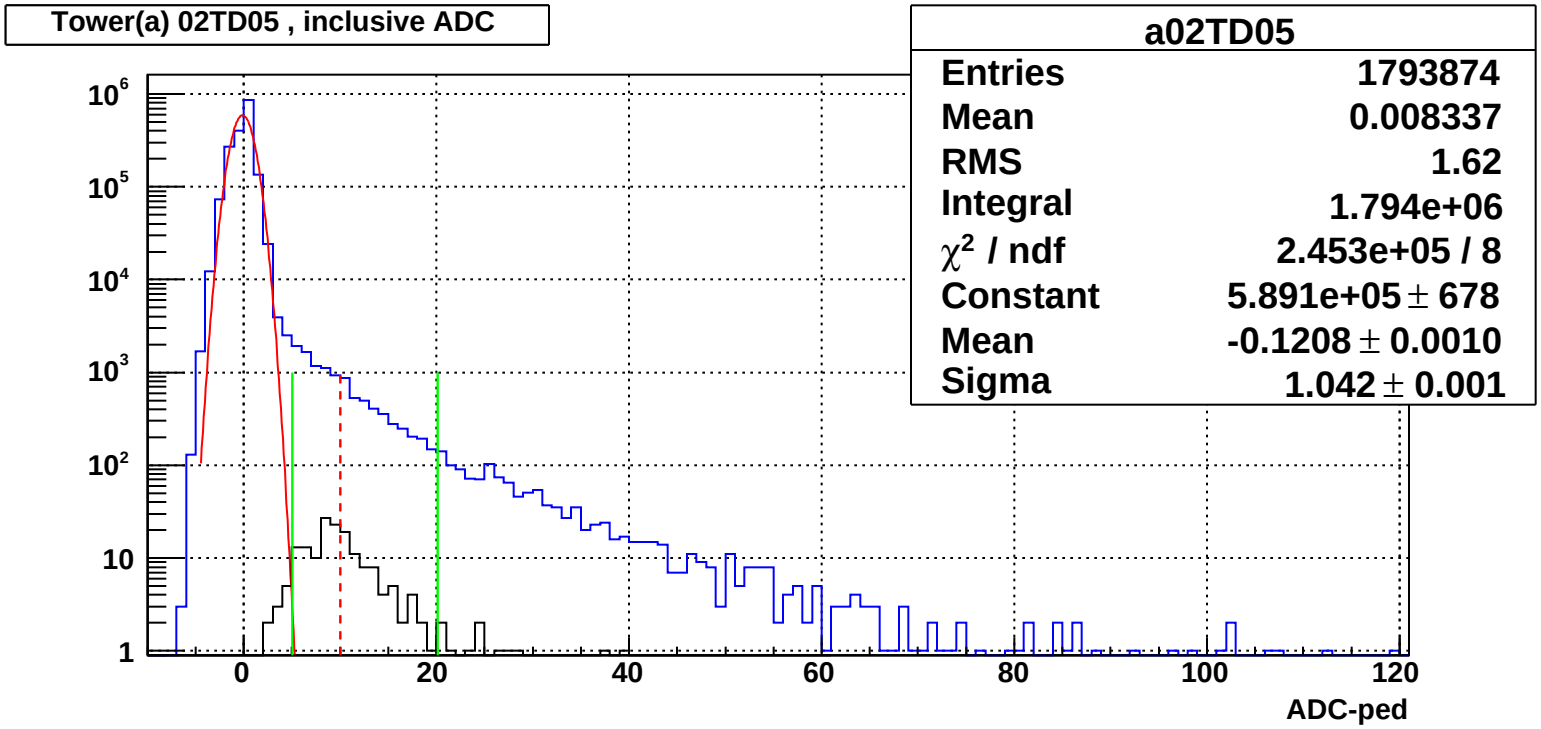

Tower(d) 02TA05 , ADC, tag: UxV 2*thr
d02TA05
Entries 134
Mean 12.73
RMS 4.829
Integral 133
χ² / ndf 6.574 / 14
x0 11.76 ± 0.28
aL 17.01 ± 2.09
sigL 5.989 ± 9.952
sigG 2.265 ± 0.236
ADC-ped

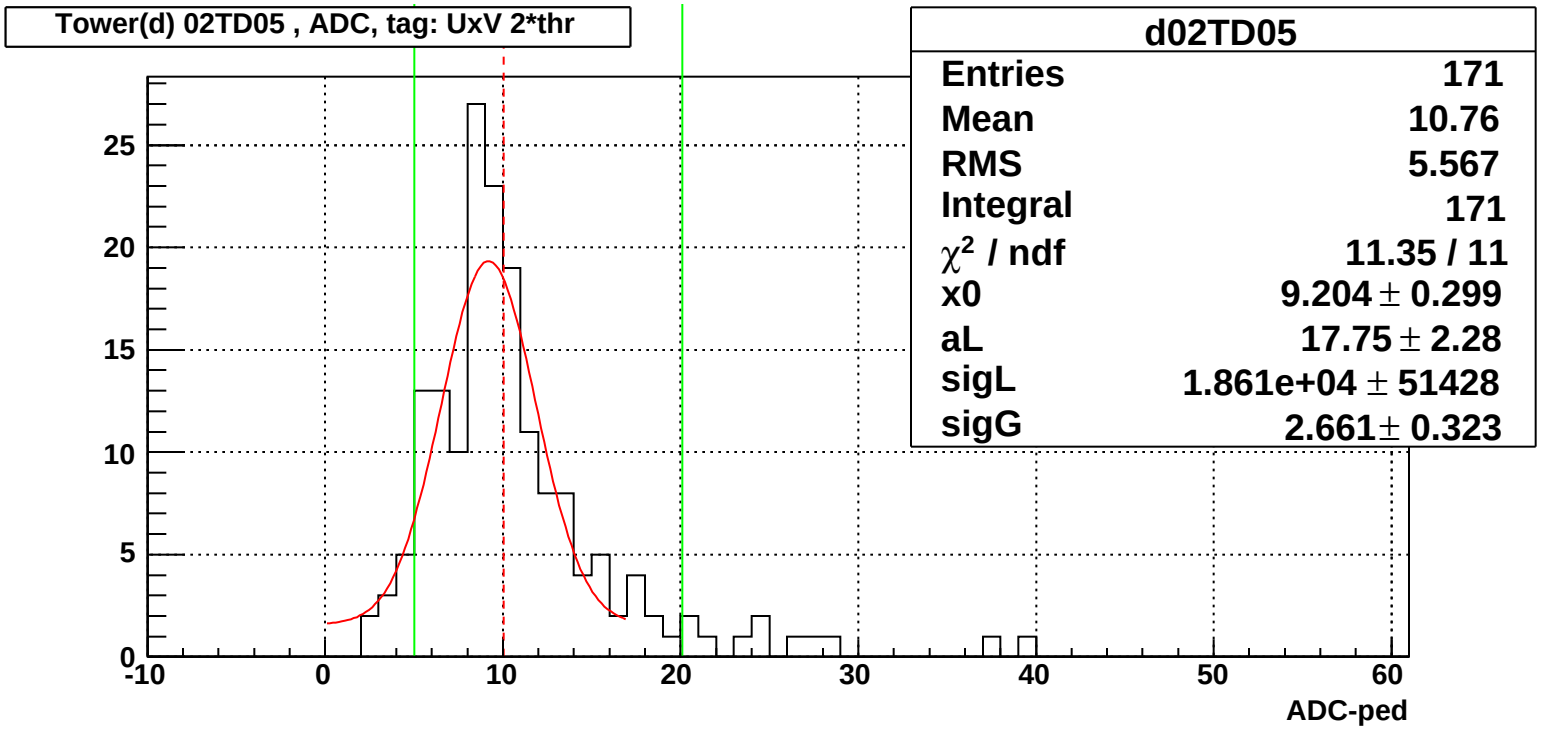

Tower(a) 02TB05 , inclusive ADC
a02TB05
Entries 1793874
Mean 0.3893
RMS 1.331
Integral 1.793e+06
χ² / ndf 5.701e+04 / 8
Constant 1.089e+06 ± 1399
Mean 0.3213 ± 0.0006
Sigma 0.6323 ± 0.0007
ADC-ped

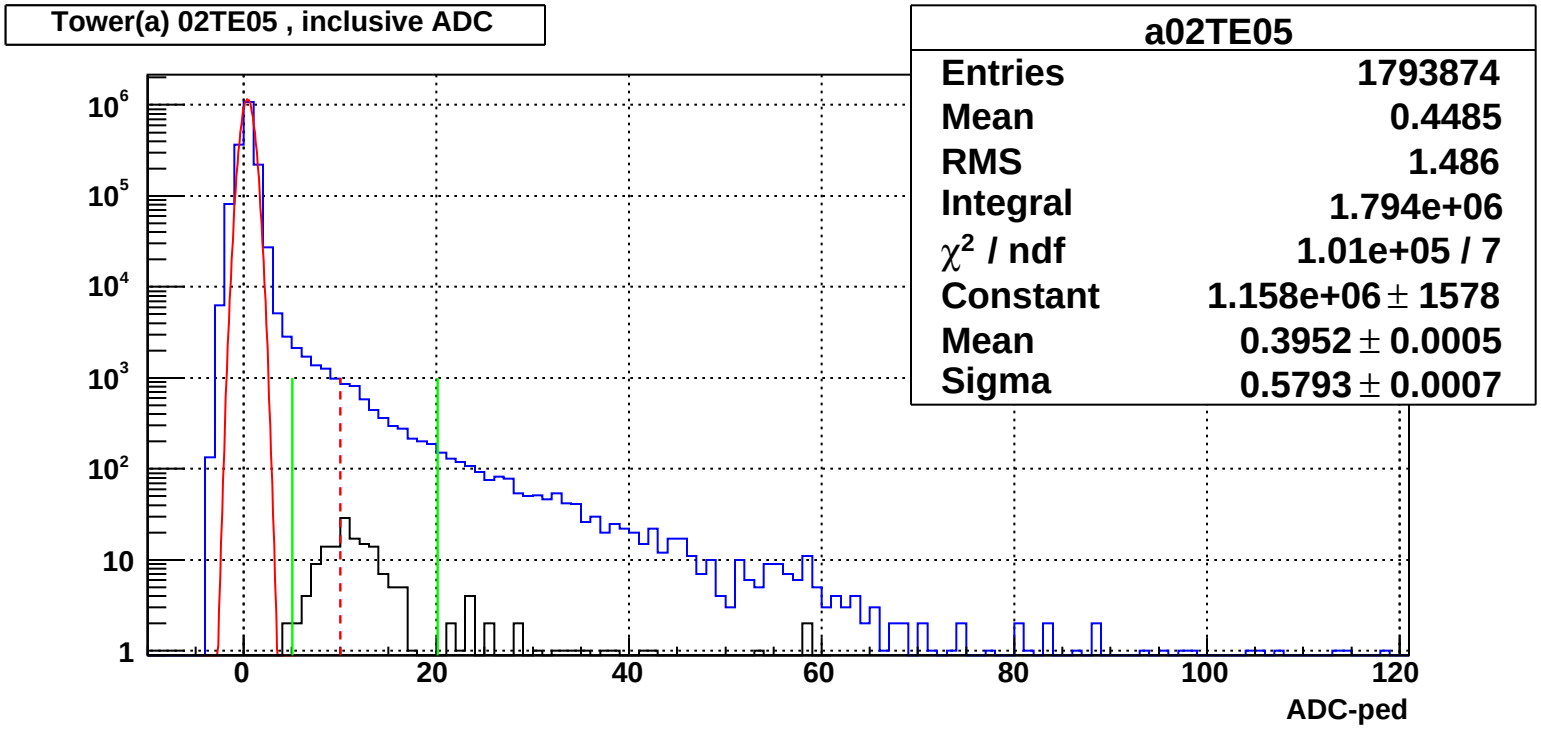

Tower(d) 02TB05 , ADC, tag: UxV 2*thr
d02TB05
Entries 268
Mean 11.24
RMS 7.646
Integral 223
χ² / ndf 11.5 / 13
x0 8.507 ± 0.315
aL 19.12 ± 1.99
sigL 1.543 ± 0.852
sigG 3.411 ± 0.378
ADC-ped

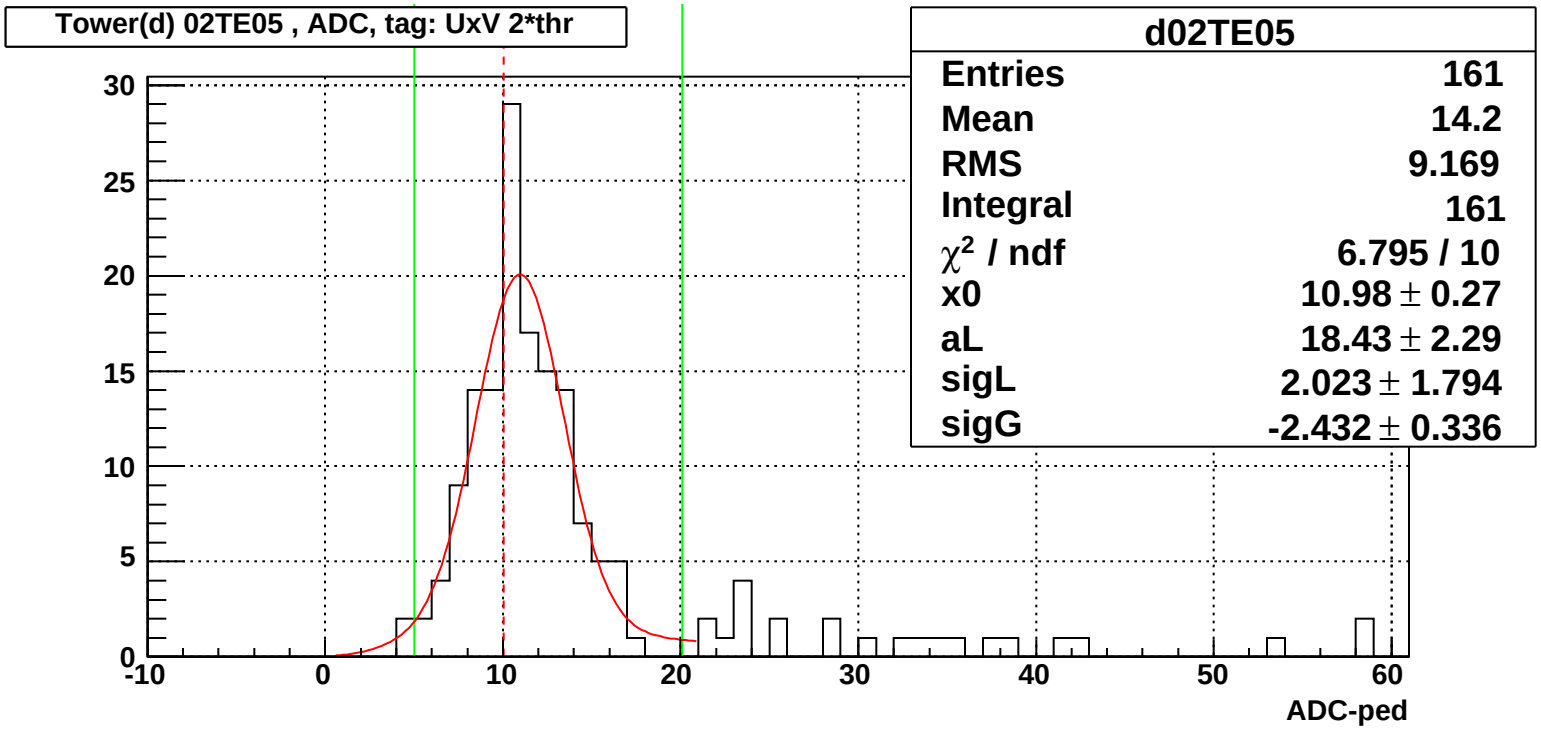

Tower(a) 02TC05 , inclusive ADC
a02TC05
Entries 1793874
Mean 0.2968
RMS 1.588
Integral 1.794e+06
χ² / ndf 1.108e+05 / 8
Constant 8.037e+05 ± 1021
Mean 0.1896 ± 0.0007
Sigma 0.8297 ± 0.0008
ADC-ped

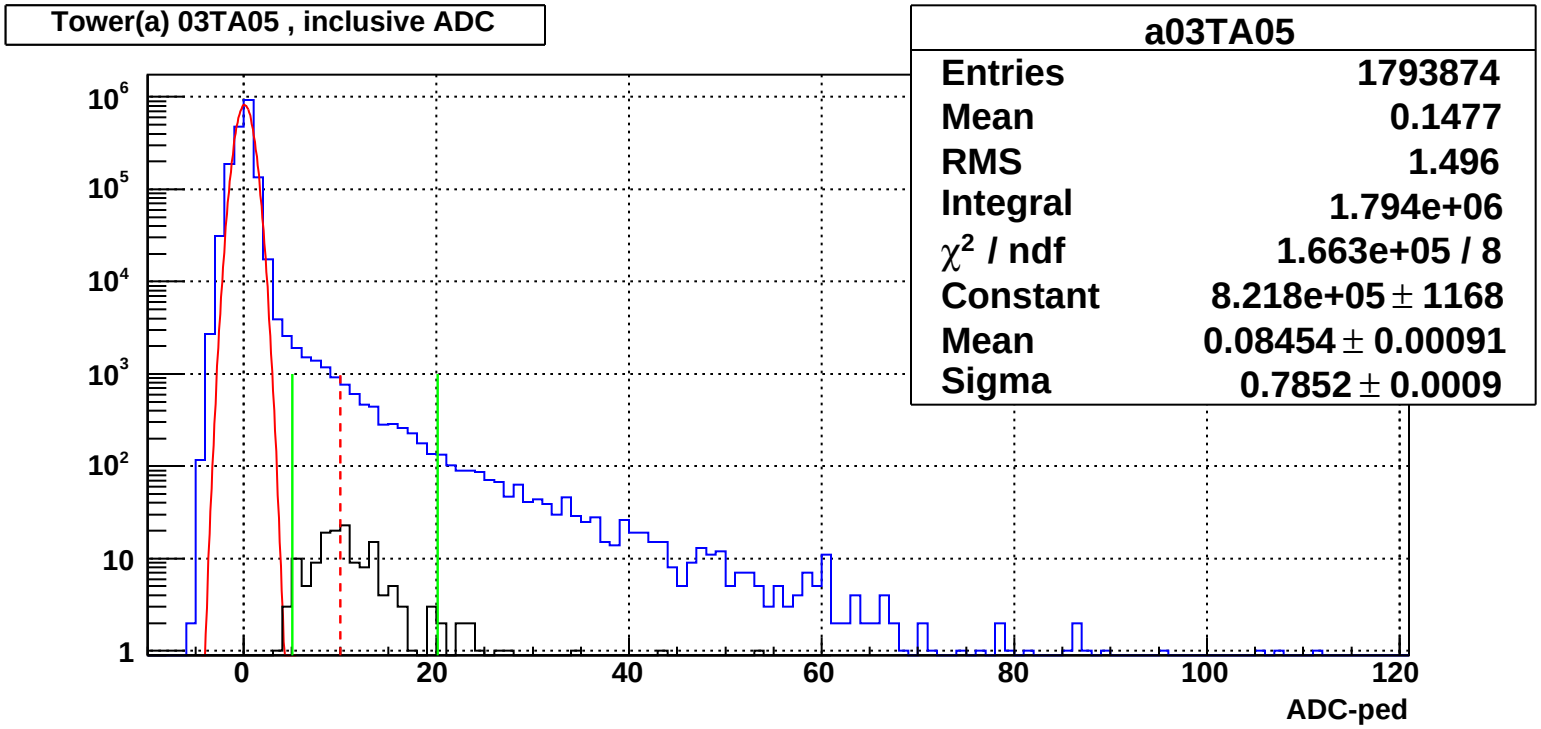

Tower(d) 02TC05 , ADC, tag: UxV 2*thr
d02TC05
Entries 143
Mean 11.76
RMS 5.269
Integral 143
χ² / ndf 15.07 / 9
x0 10.38 ± 0.30
aL 15.49 ± 1.91
sigL 1.323 ± 0.811
sigG 2.73 ± 0.33
ADC-ped

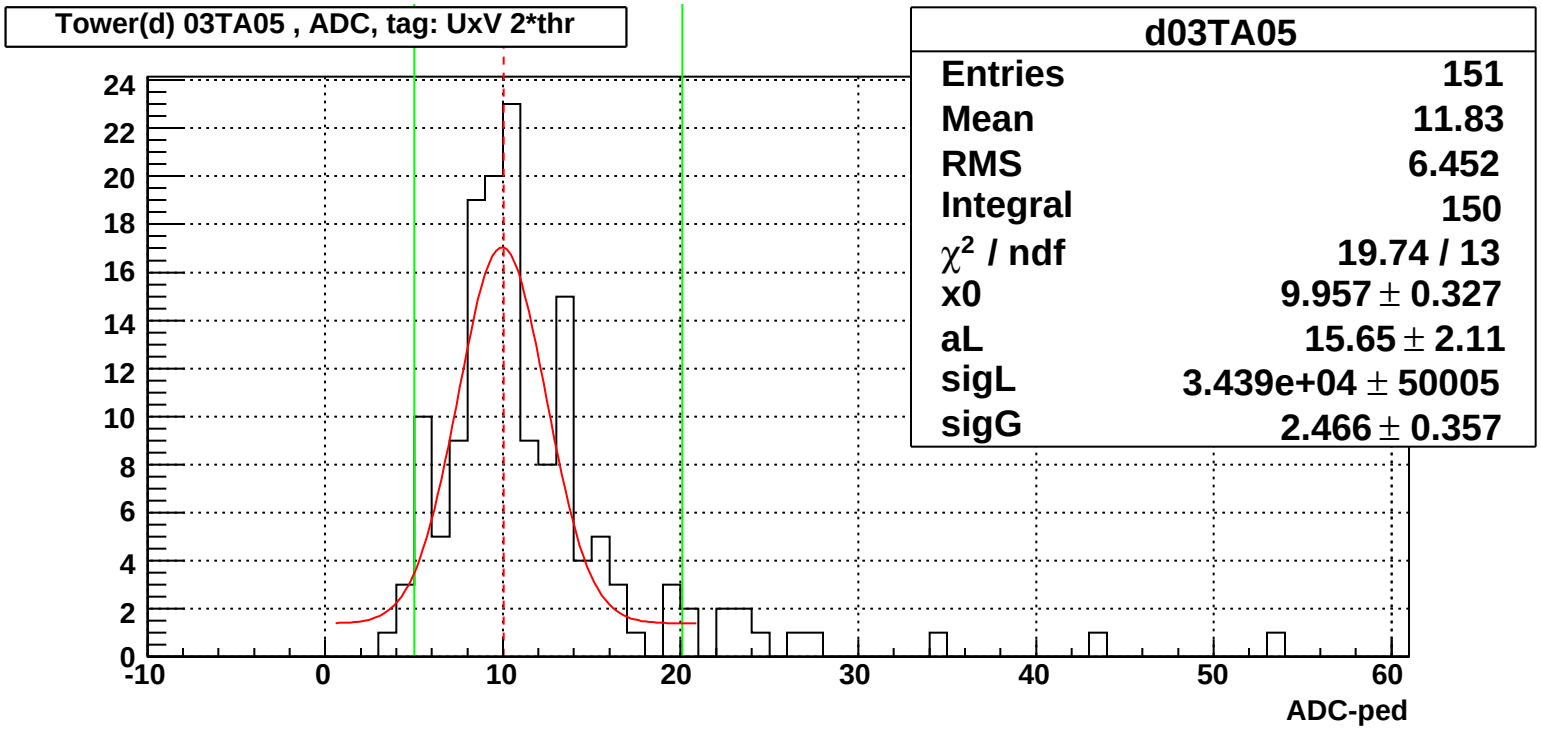

Tower(a) 02TD05 , inclusive ADC
a02TD05
Entries 1793874
Mean 0.008337
RMS 1.62
Integral 1.794e+06
χ² / ndf 2.453e+05 / 8
Constant 5.891e+05 ± 678
Mean -0.1208 ± 0.0010
Sigma 1.042 ± 0.001
ADC-ped

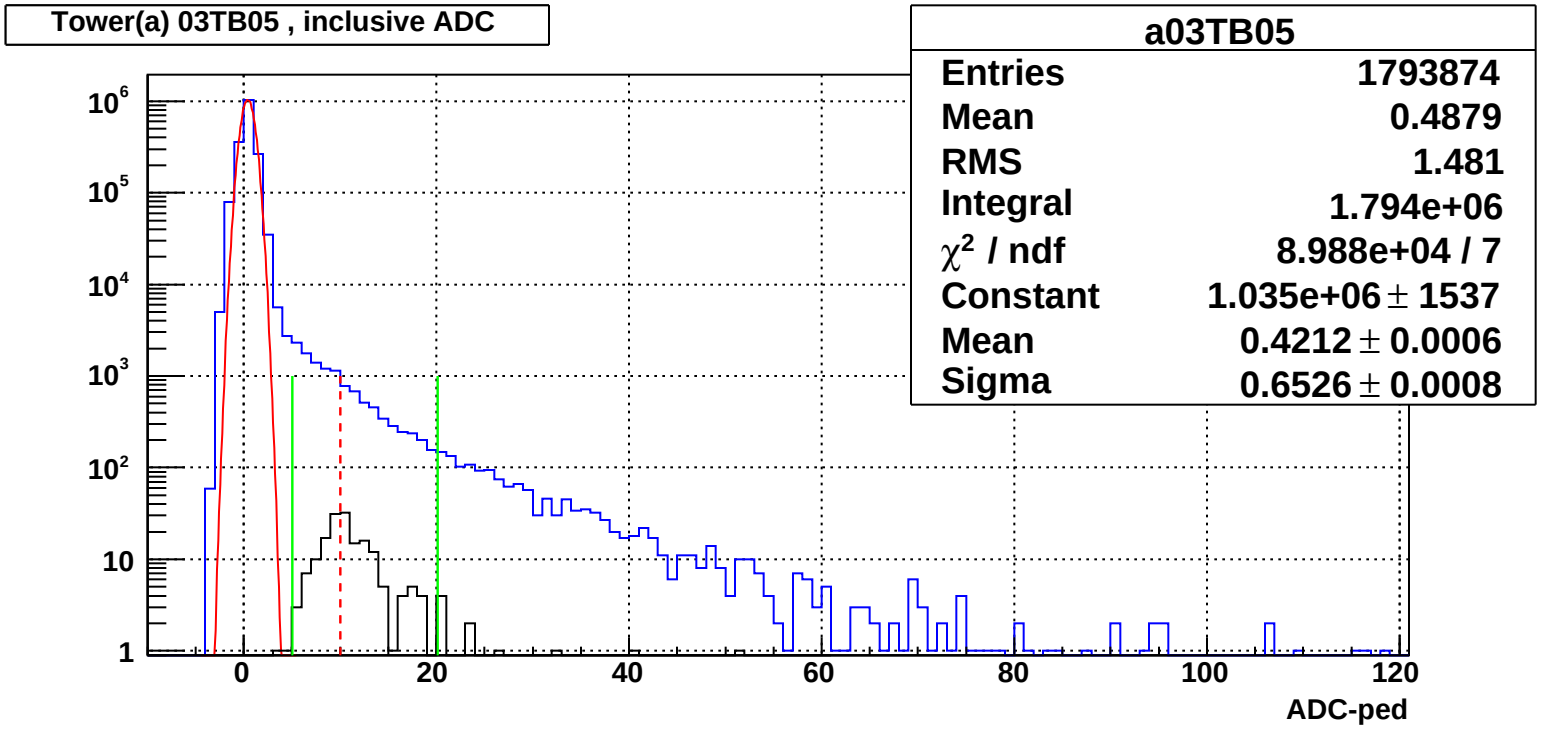

Tower(d) 02TD05 , ADC, tag: UxV 2*thr
d02TD05
Entries 171
Mean 10.76
RMS 5.567
Integral 171
χ² / ndf 11.35 / 11
x0 9.204 ± 0.299
aL 17.75 ± 2.28
sigL 1.861e+04 ± 51428
sigG 2.661 ± 0.323
ADC-ped

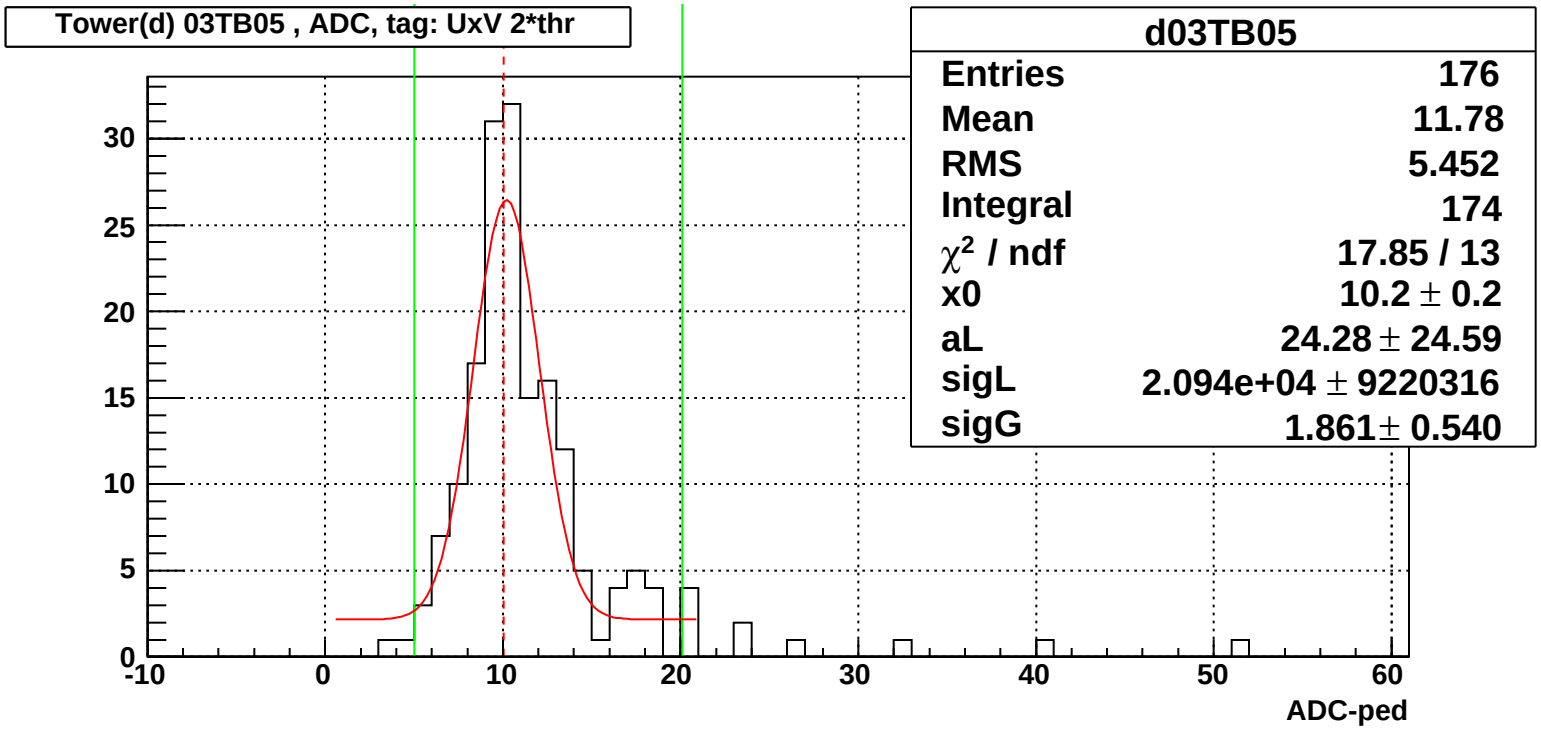

Tower(a) 02TE05 , inclusive ADC
a02TE05
Entries 1793874
Mean 0.4485
RMS 1.486
Integral 1.794e+06
χ² / ndf 1.01e+05 / 7
Constant 1.158e+06 ± 1578
Mean 0.3952 ± 0.0005
Sigma 0.5793 ± 0.0007
ADC-ped

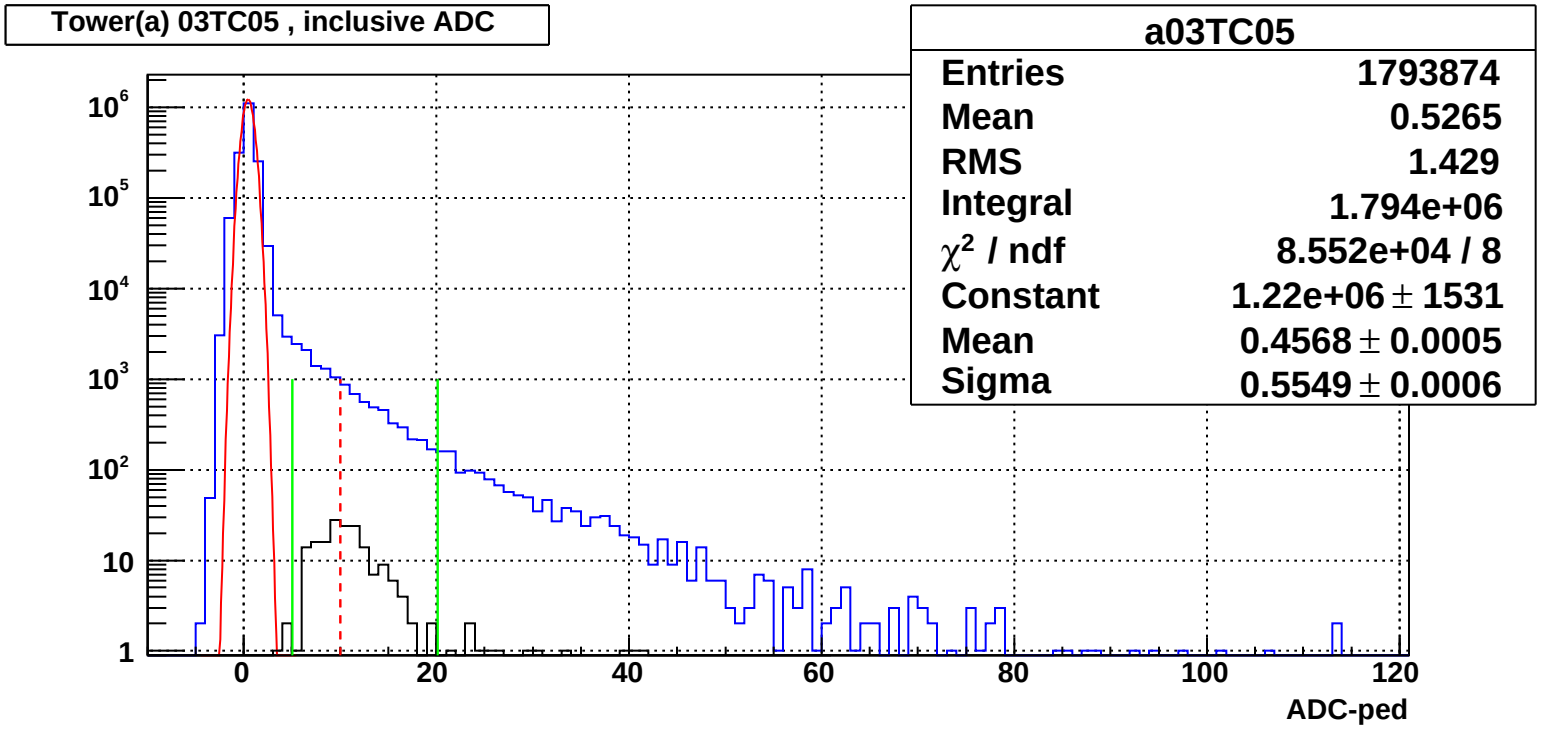

Tower(d) 02TE05 , ADC, tag: UxV 2*thr
d02TE05
Entries 161
Mean 14.2
RMS 9.169
Integral 161
χ² / ndf 6.795 / 10
x0 10.98 ± 0.27
aL 18.43 ± 2.29
sigL 2.023 ± 1.794
sigG -2.432 ± 0.336
ADC-ped

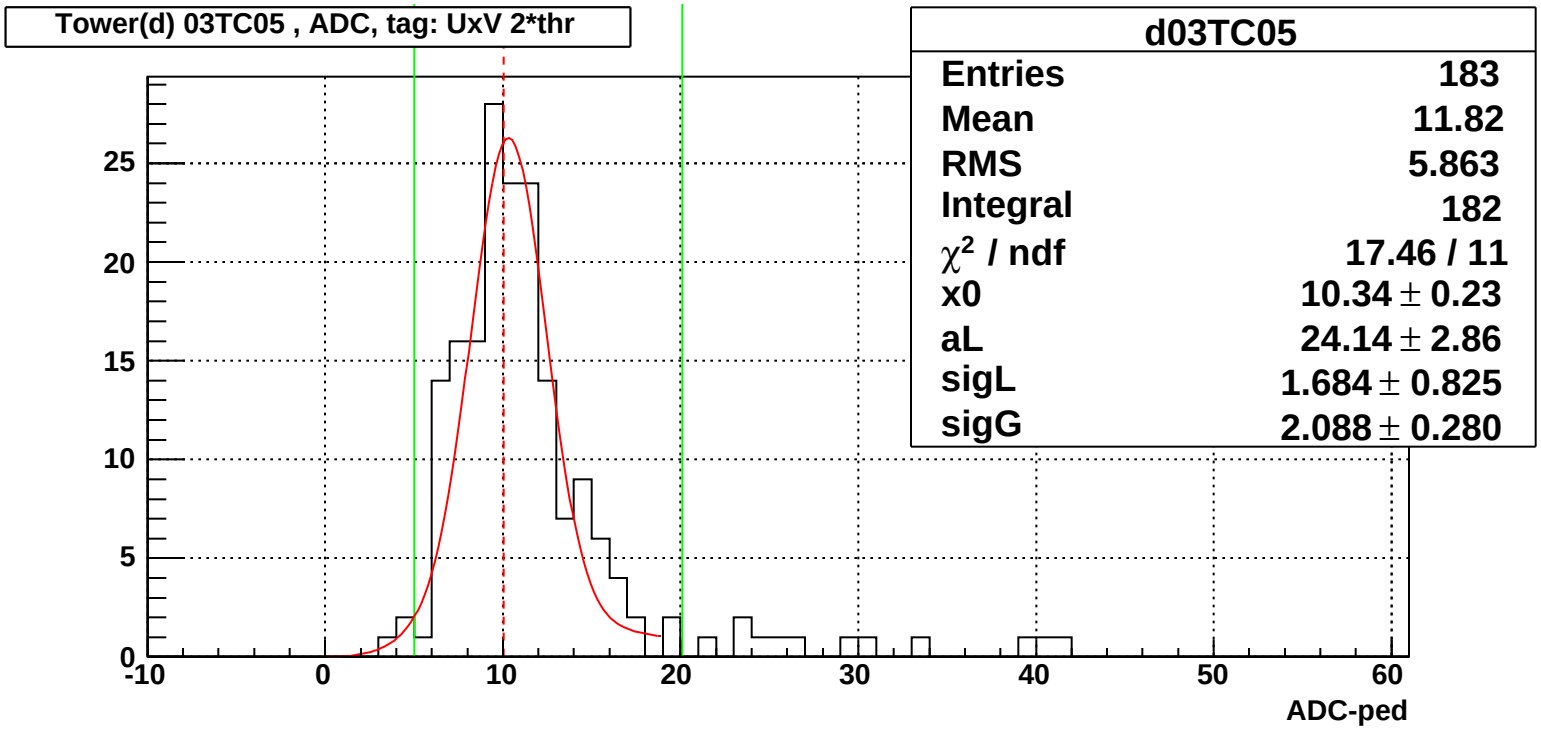

Tower(a) 03TA05 , inclusive ADC
a03TA05
Entries 1793874
Mean 0.1477
RMS 1.496
Integral 1.794e+06
χ² / ndf 1.663e+05 / 8
Constant 8.218e+05 ± 1168
Mean 0.08454 ± 0.00091
Sigma 0.7852 ± 0.0009
ADC-ped

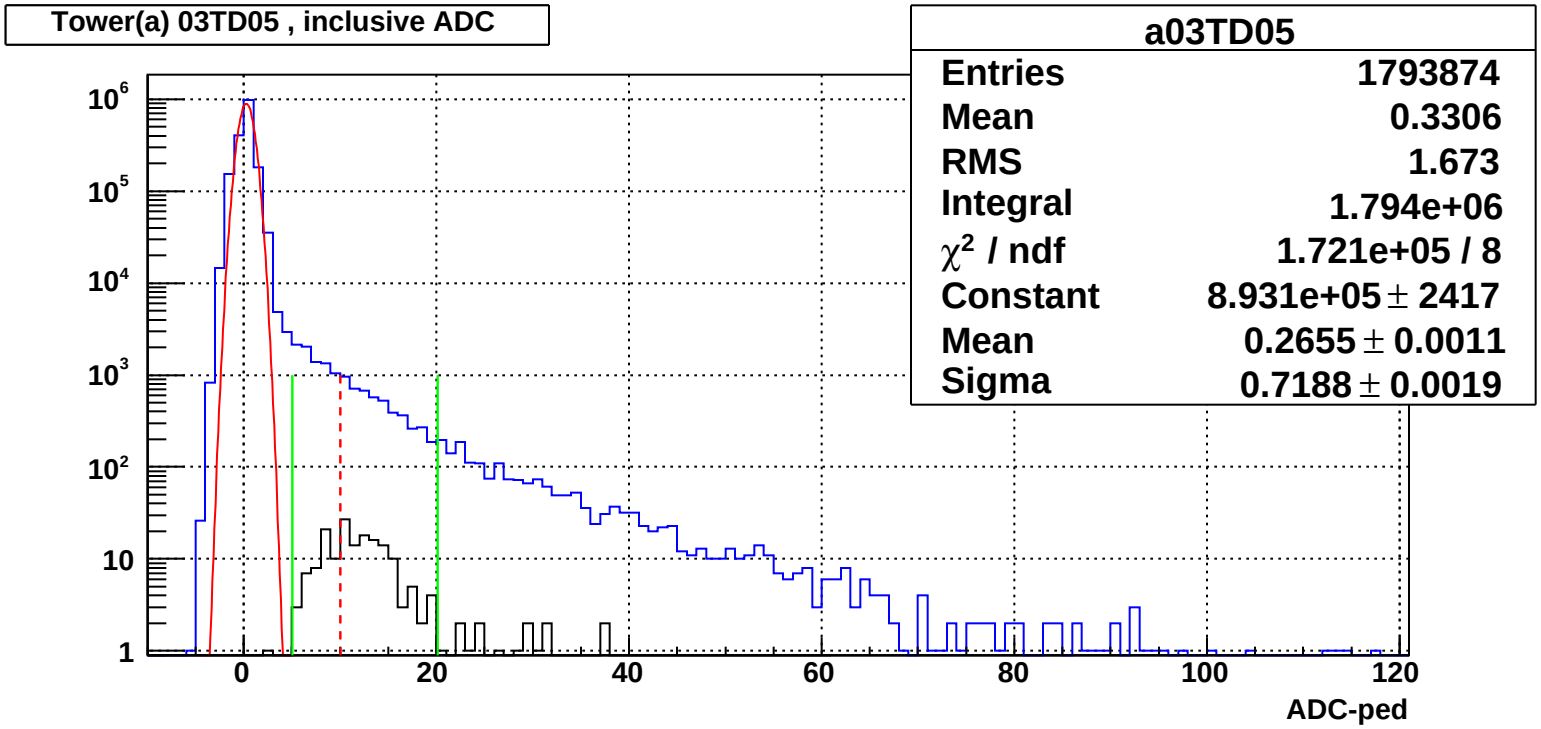

Tower(d) 03TA05 , ADC, tag: UxV 2*thr
d03TA05
Entries 151
Mean 11.83
RMS 6.452
Integral 150
χ² / ndf 19.74 / 13
x0 9.957 ± 0.327
aL 15.65 ± 2.11
sigL 3.439e+04 ± 50005
sigG 2.466 ± 0.357
ADC-ped

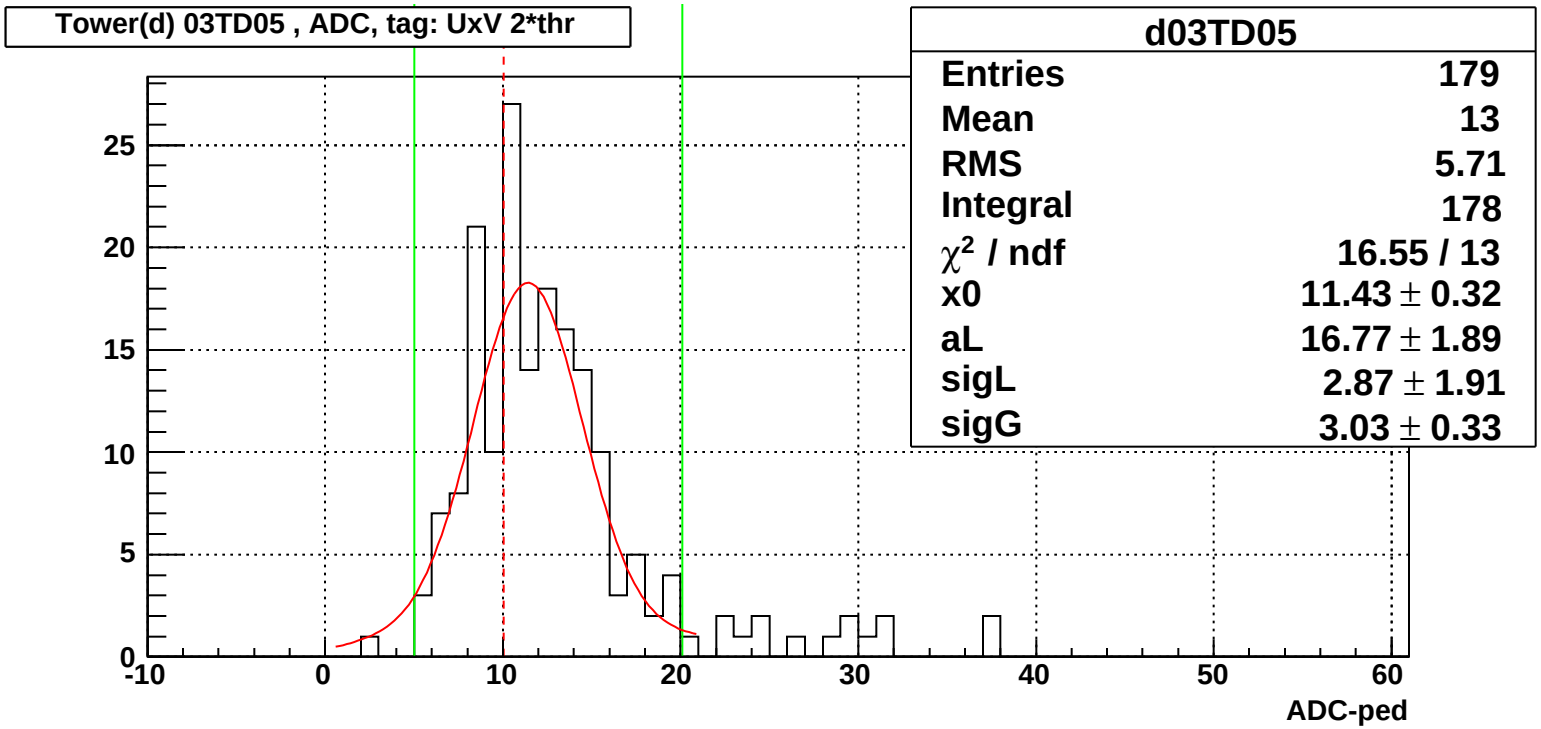

Tower(a) 03TB05 , inclusive ADC
a03TB05
Entries 1793874
Mean 0.4879
RMS 1.481
Integral 1.794e+06
χ² / ndf 8.988e+04 / 7
Constant 1.035e+06 ± 1537
Mean 0.4212 ± 0.0006
Sigma 0.6526 ± 0.0008
ADC-ped

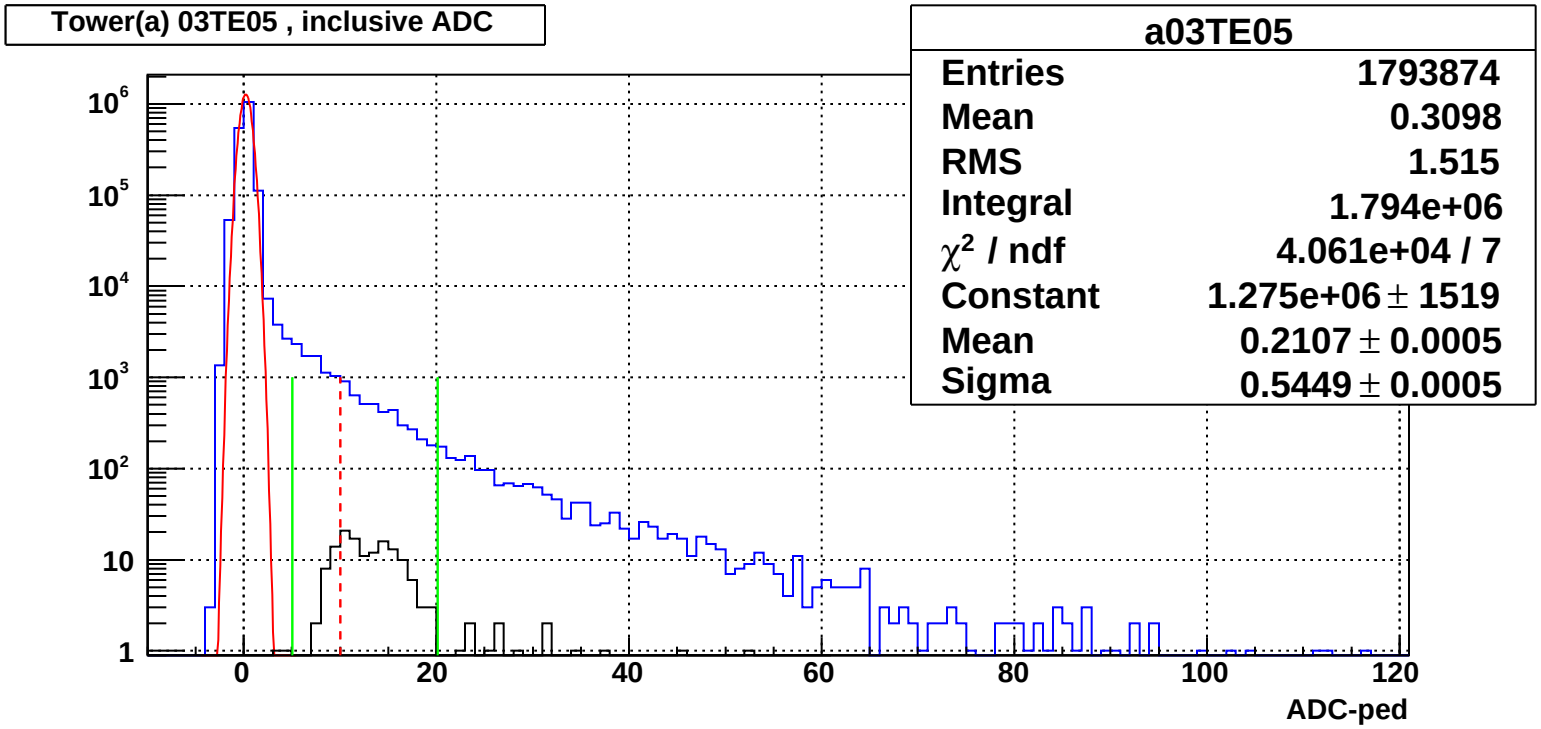

Tower(d) 03TB05 , ADC, tag: UxV 2*thr
d03TB05
Entries 176
Mean 11.78
RMS 5.452
Integral 174
χ² / ndf 17.85 / 13
x0 10.2 ± 0.2
aL 24.28 ± 24.59
sigL 2.094e+04 ± 9220316
sigG 1.861 ± 0.540
ADC-ped

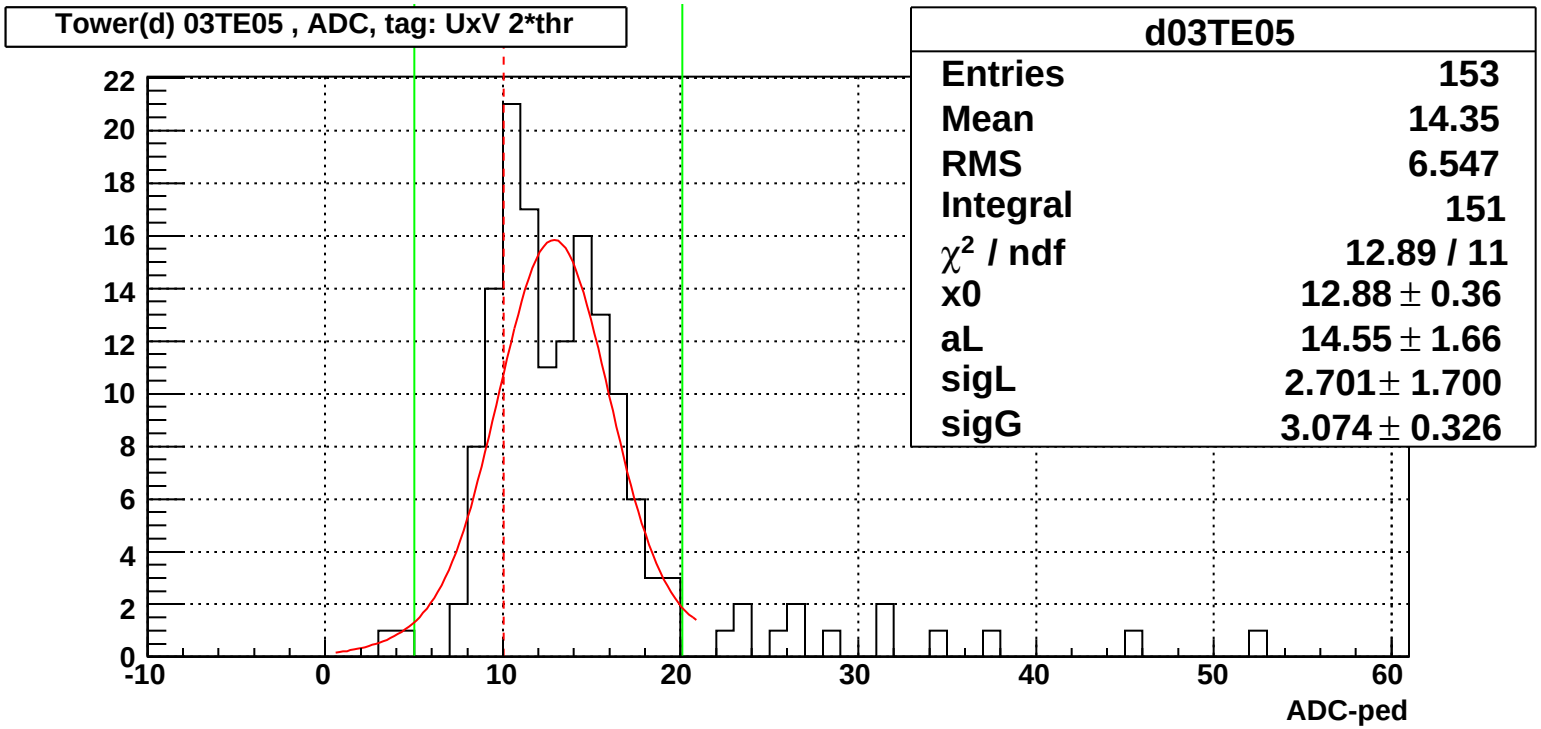

Tower(a) 03TC05 , inclusive ADC
a03TC05
Entries 1793874
Mean 0.5265
RMS 1.429
Integral 1.794e+06
χ² / ndf 8.552e+04 / 8
Constant 1.22e+06 ± 1531
Mean 0.4568 ± 0.0005
Sigma 0.5549 ± 0.0006
ADC-ped

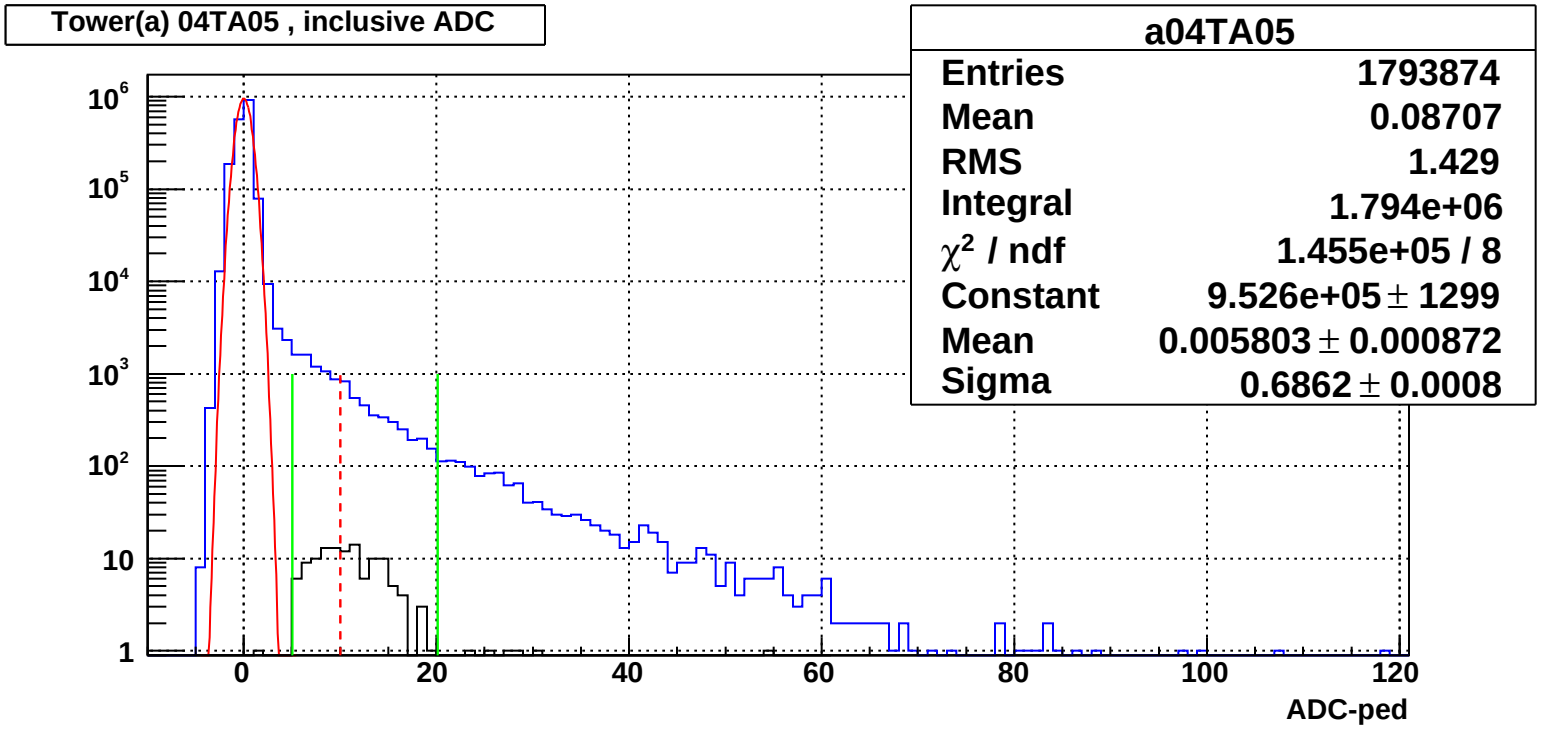

Tower(d) 03TC05 , ADC, tag: UxV 2*thr
d03TC05
Entries 183
Mean 11.82
RMS 5.863
Integral 182
χ² / ndf 17.46 / 11
x0 10.34 ± 0.23
aL 24.14 ± 2.86
sigL 1.684 ± 0.825
sigG 2.088 ± 0.280
ADC-ped

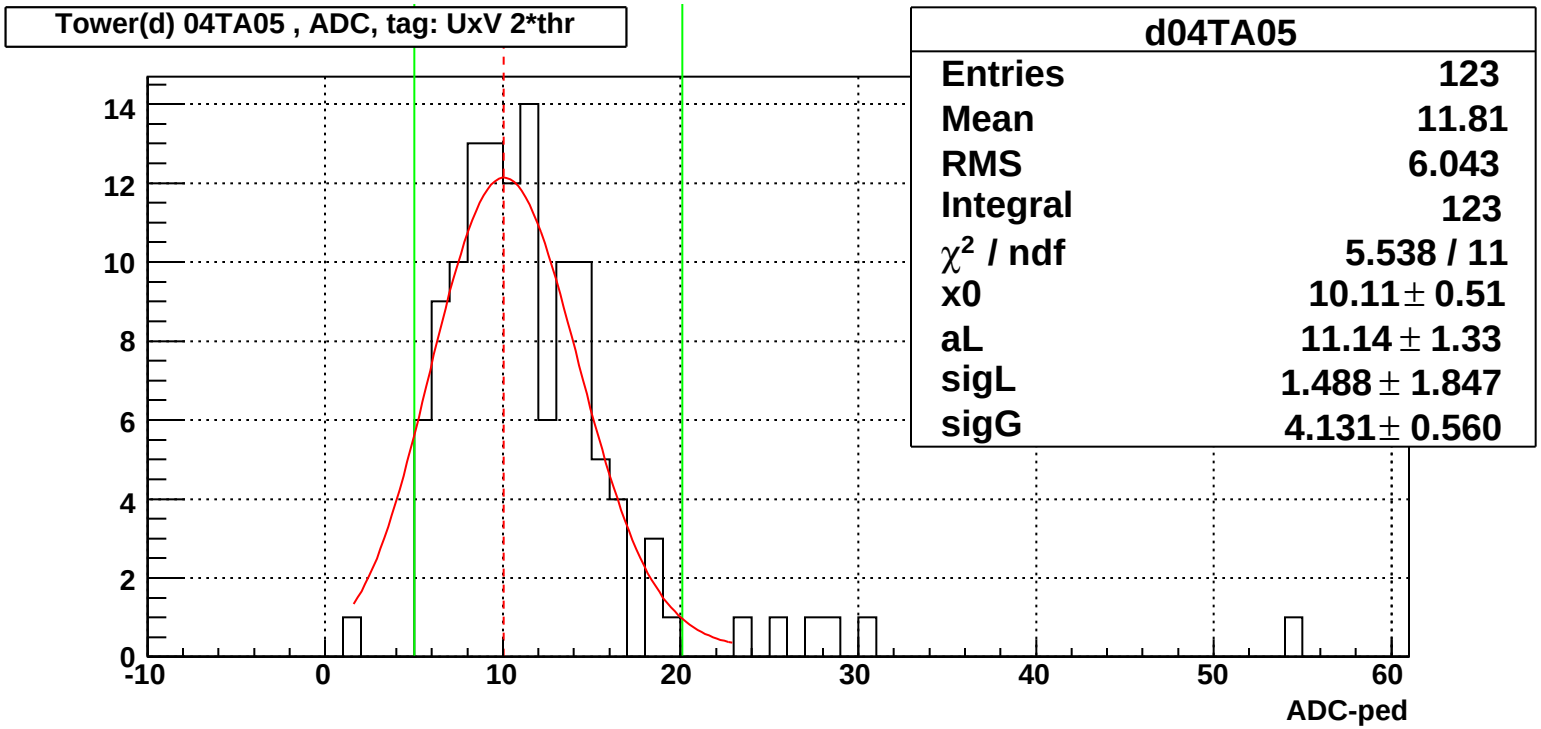

Tower(a) 03TD05 , inclusive ADC
a03TD05
Entries 1793874
Mean 0.3306
RMS 1.673
Integral 1.794e+06
χ² / ndf 1.721e+05 / 8
Constant 8.931e+05 ± 2417
Mean 0.2655 ± 0.0011
Sigma 0.7188 ± 0.0019
ADC-ped

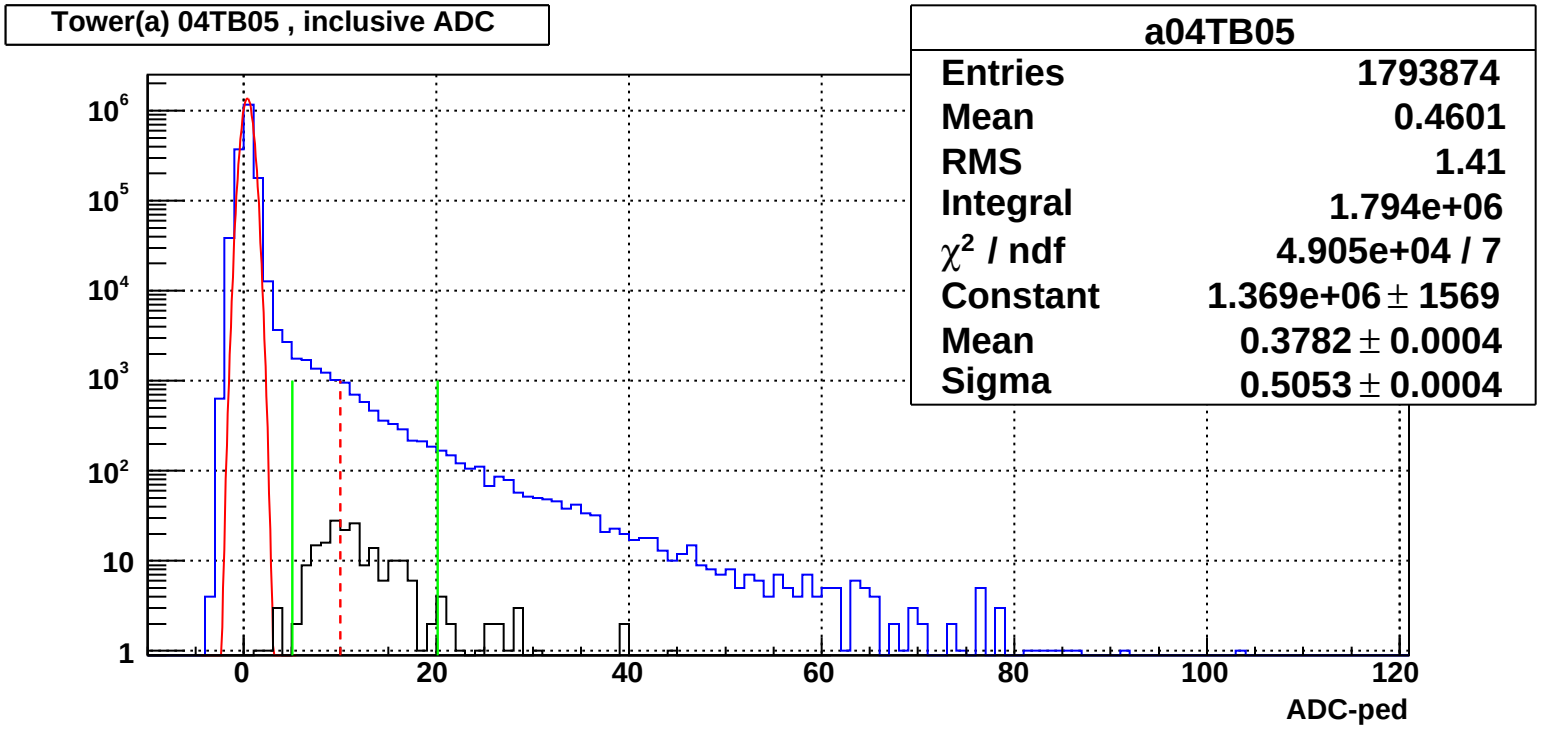

Tower(d) 03TD05 , ADC, tag: UxV 2*thr
d03TD05
Entries 179
Mean 13
RMS 5.71
Integral 178
χ² / ndf 16.55 / 13
x0 11.43 ± 0.32
aL 16.77 ± 1.89
sigL 2.87 ± 1.91
sigG 3.03 ± 0.33
ADC-ped

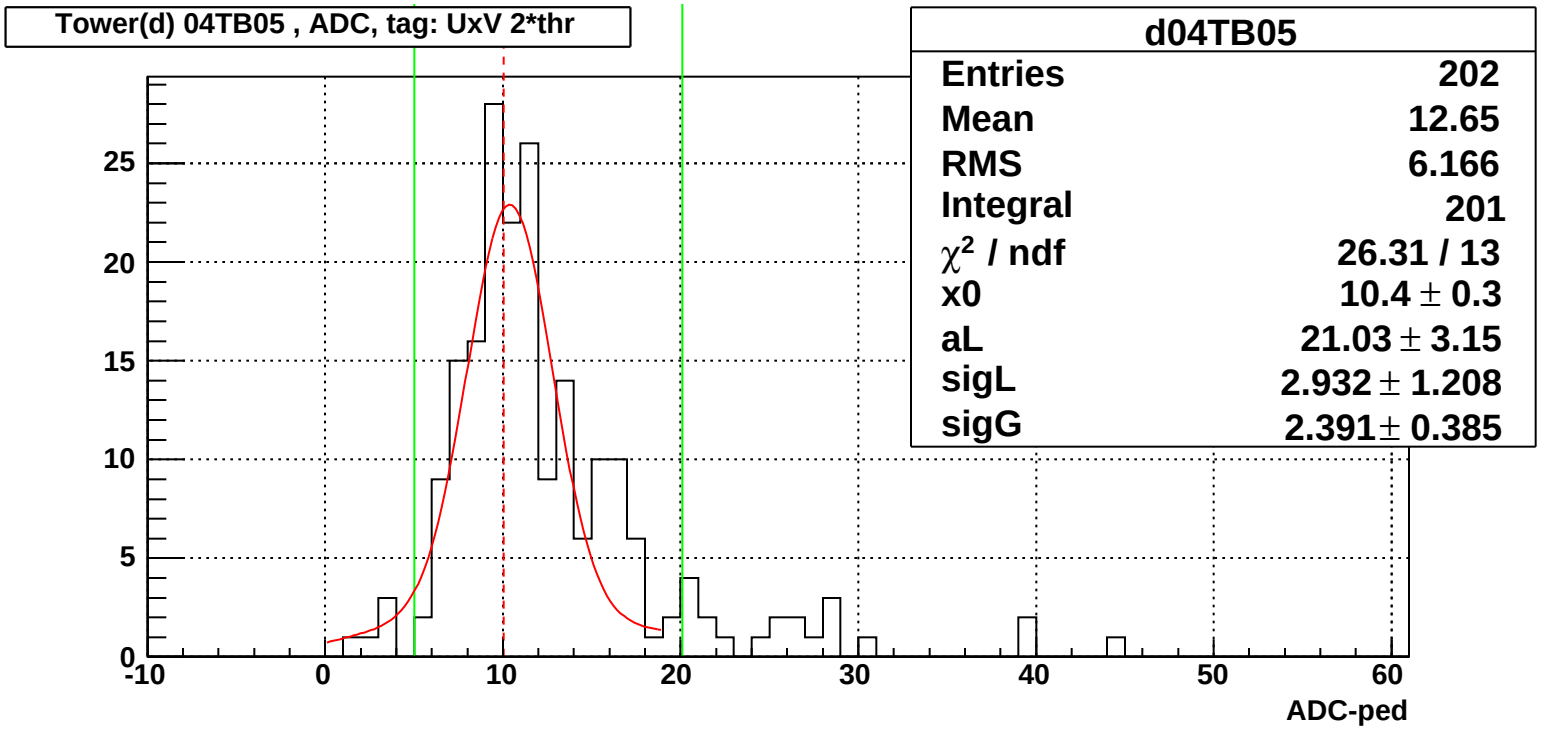

Tower(a) 03TE05 , inclusive ADC
a03TE05
Entries 1793874
Mean 0.3098
RMS 1.515
Integral 1.794e+06
χ² / ndf 4.061e+04 / 7
Constant 1.275e+06 ± 1519
Mean 0.2107 ± 0.0005
Sigma 0.5449 ± 0.0005
ADC-ped

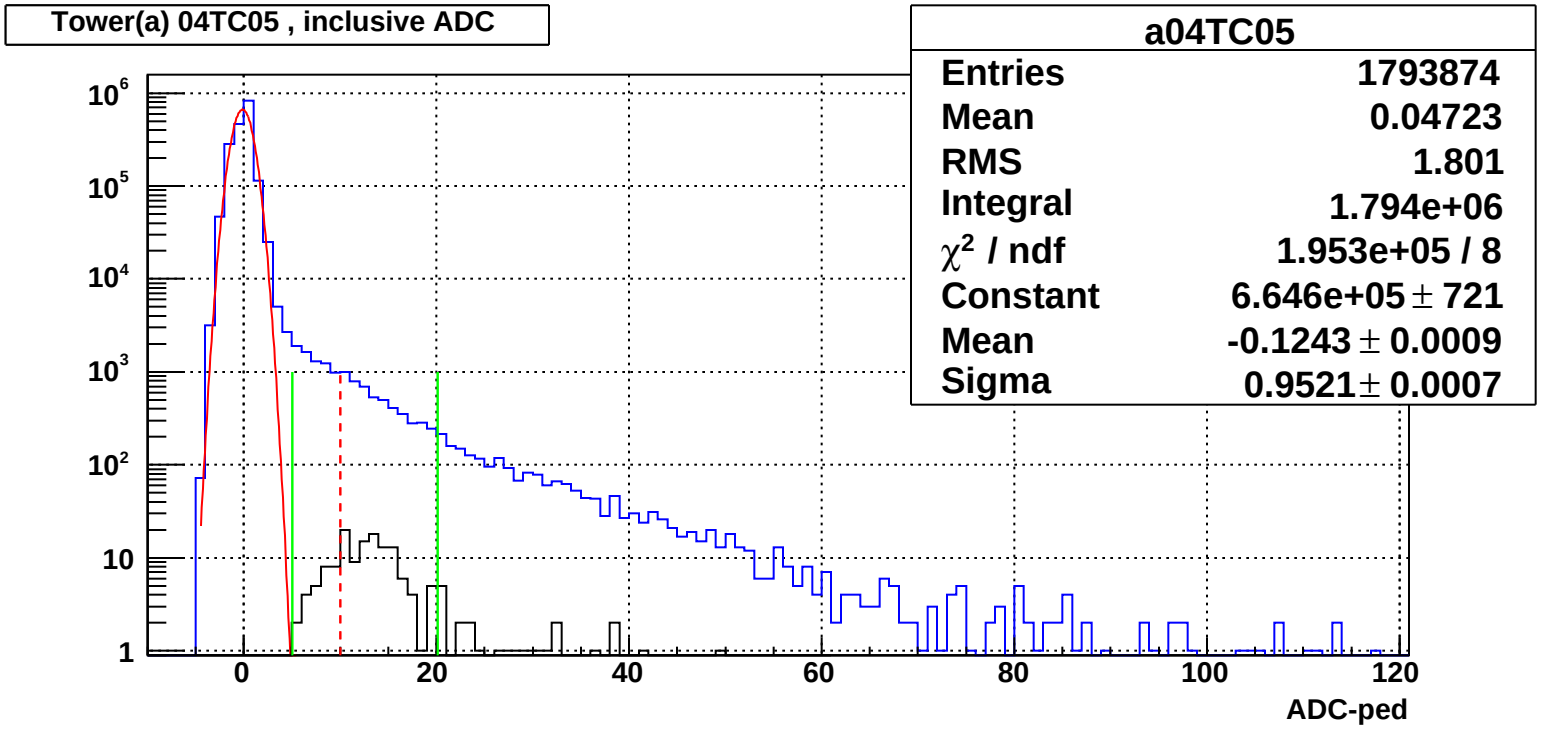

Tower(d) 03TE05 , ADC, tag: UxV 2*thr
d03TE05
Entries 153
Mean 14.35
RMS 6.547
Integral 151
χ² / ndf 12.89 / 11
x0 12.88 ± 0.36
aL 14.55 ± 1.66
sigL 2.701 ± 1.700
sigG 3.074 ± 0.326
ADC-ped

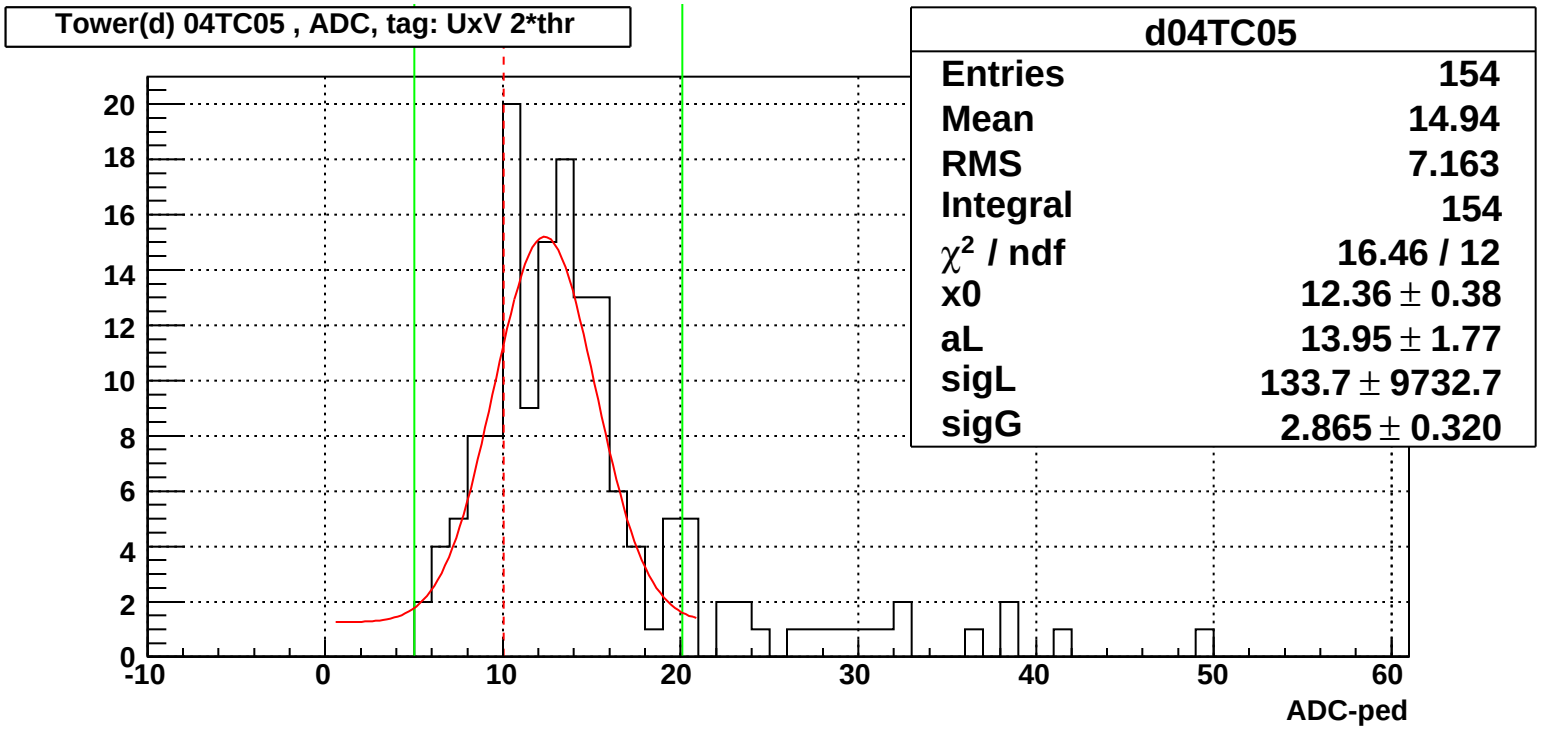

Tower(a) 04TA05 , inclusive ADC
a04TA05
Entries 1793874
Mean 0.08707
RMS 1.429
Integral 1.794e+06
χ² / ndf 1.455e+05 / 8
Constant 9.526e+05 ± 1299
Mean 0.005803 ± 0.000872
Sigma 0.6862 ± 0.0008
ADC-ped

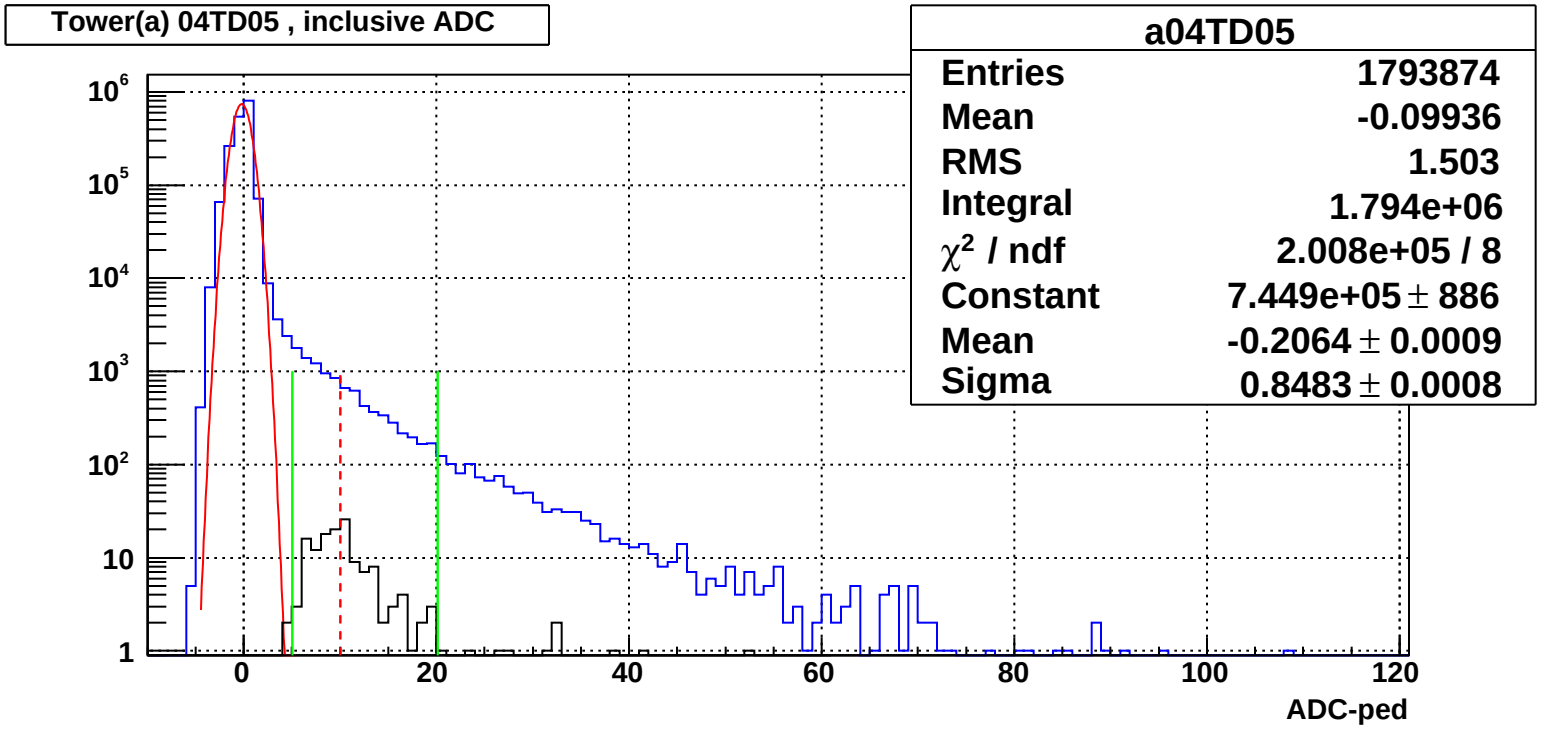

Tower(d) 04TA05 , ADC, tag: UxV 2*thr
d04TA05
Entries 123
Mean 11.81
RMS 6.043
Integral 123
χ² / ndf 5.538 / 11
x0 10.11 ± 0.51
aL 11.14 ± 1.33
sigL 1.488 ± 1.847
sigG 4.131 ± 0.560
ADC-ped

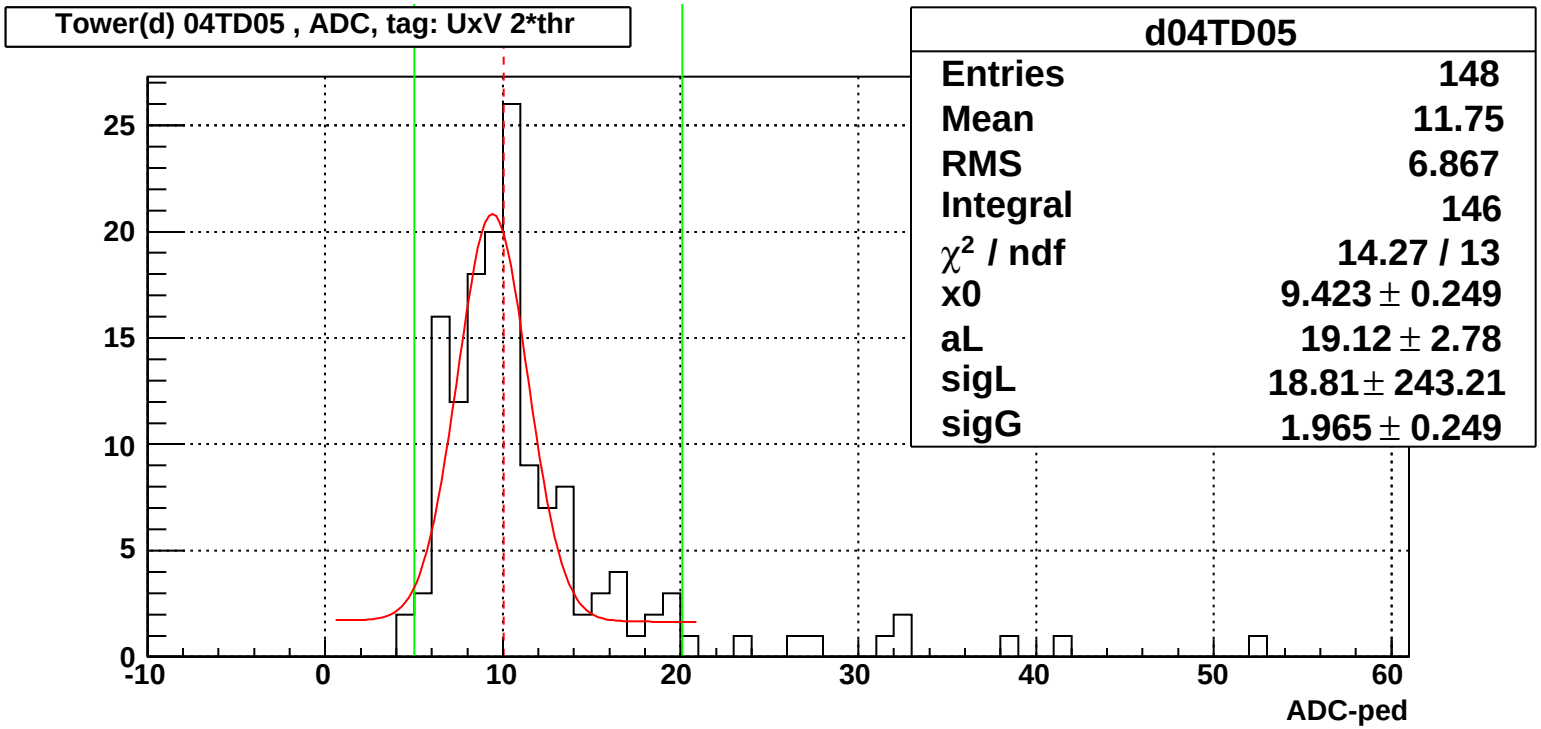

Tower(a) 04TB05 , inclusive ADC
a04TB05
Entries 1793874
Mean 0.4601
RMS 1.41
Integral 1.794e+06
χ² / ndf 4.905e+04 / 7
Constant 1.369e+06 ± 1569
Mean 0.3782 ± 0.0004
Sigma 0.5053 ± 0.0004
ADC-ped

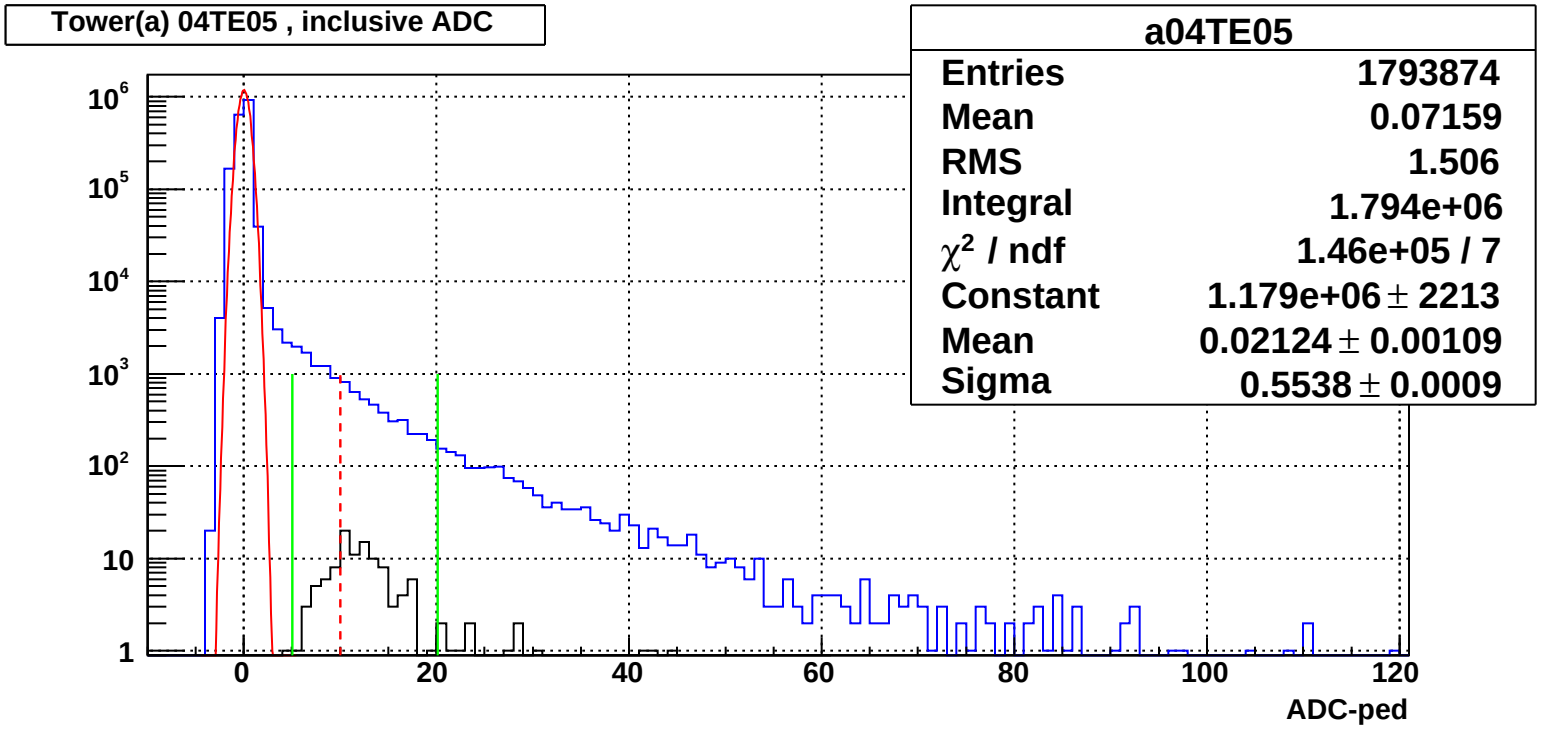

Tower(d) 04TB05 , ADC, tag: UxV 2*thr
d04TB05
Entries 202
Mean 12.65
RMS 6.166
Integral 201
χ² / ndf 26.31 / 13
x0 10.4 ± 0.3
aL 21.03 ± 3.15
sigL 2.932 ± 1.208
sigG 2.391 ± 0.385
ADC-ped

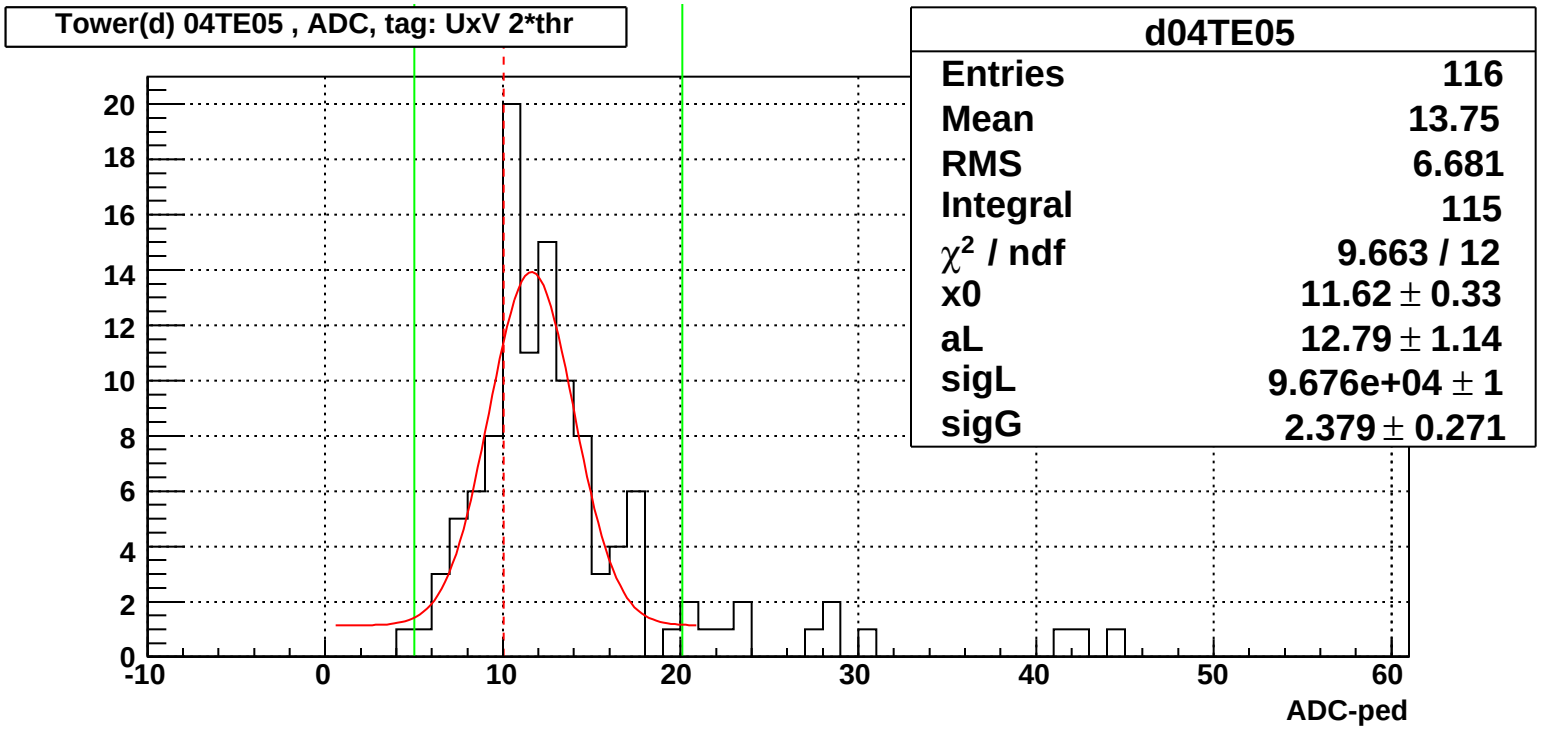

Tower(a) 04TC05 , inclusive ADC
a04TC05
Entries 1793874
Mean 0.04723
RMS 1.801
Integral 1.794e+06
χ² / ndf 1.953e+05 / 8
Constant 6.646e+05 ± 721
Mean -0.1243 ± 0.0009
Sigma 0.9521 ± 0.0007
ADC-ped

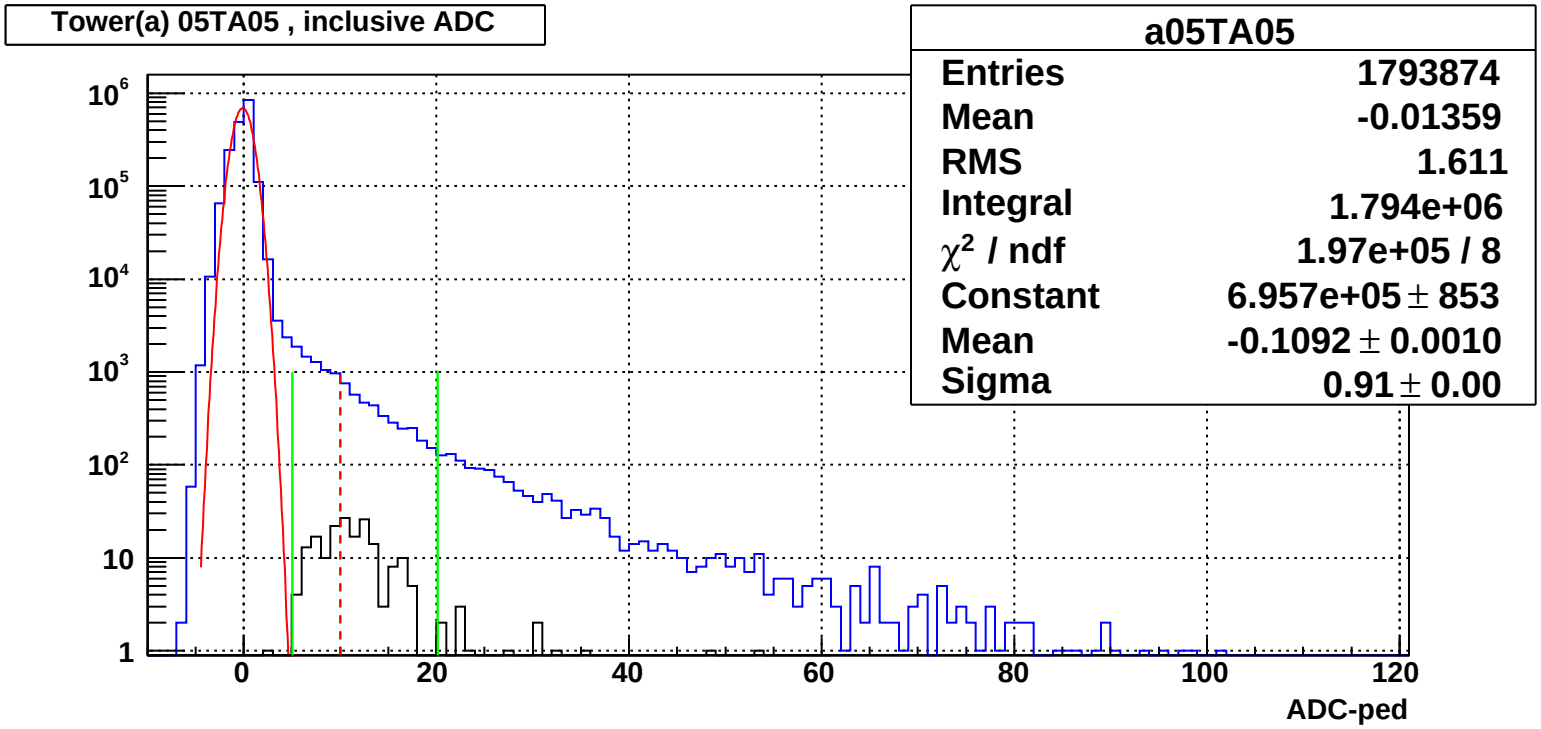

Tower(d) 04TC05 , ADC, tag: UxV 2*thr
d04TC05
Entries 154
Mean 14.94
RMS 7.163
Integral 154
χ² / ndf 16.46 / 12
x0 12.36 ± 0.38
aL 13.95 ± 1.77
sigL 133.7 ± 9732.7
sigG 2.865 ± 0.320
ADC-ped

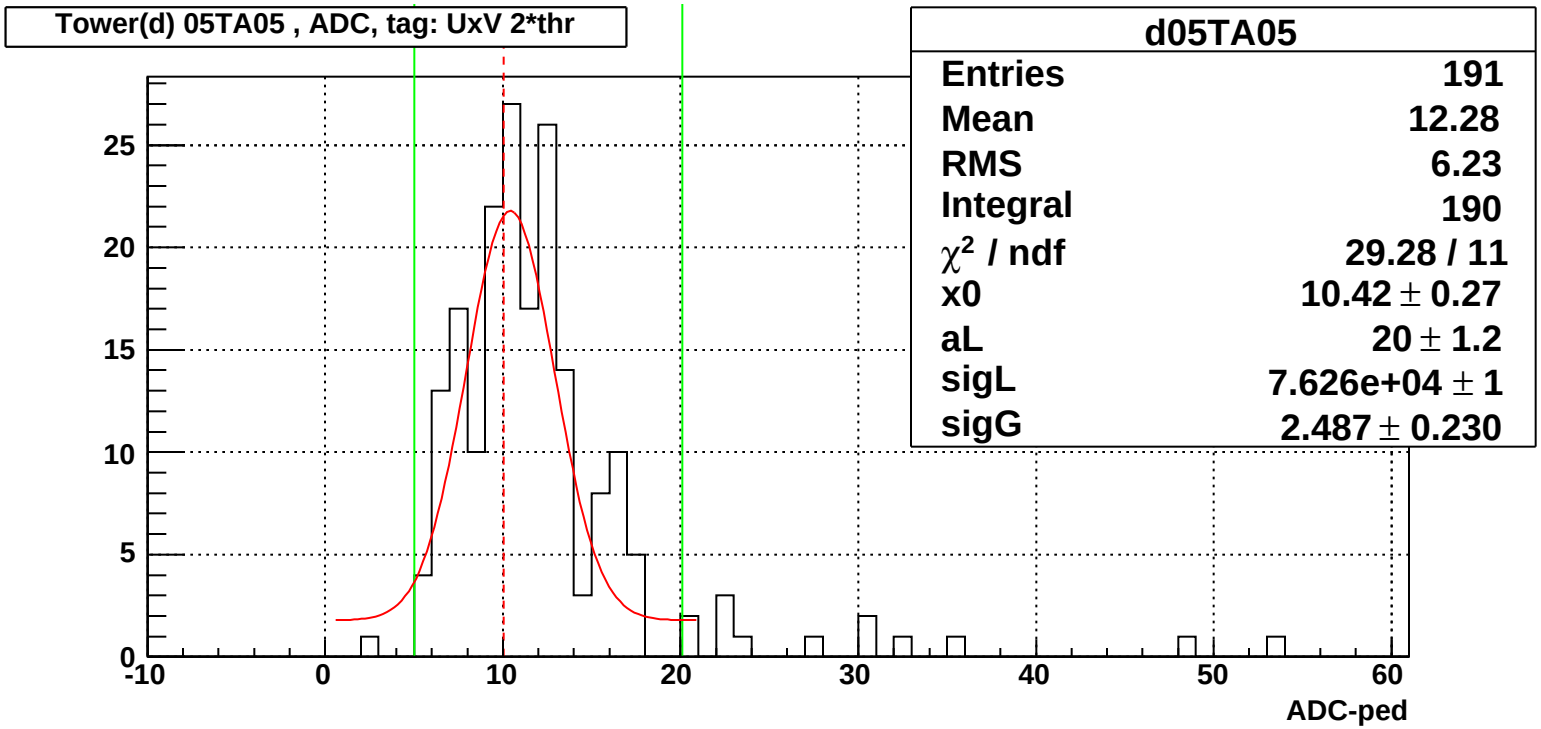

Tower(a) 04TD05 , inclusive ADC
a04TD05
Entries 1793874
Mean -0.09936
RMS 1.503
Integral 1.794e+06
χ² / ndf 2.008e+05 / 8
Constant 7.449e+05 ± 886
Mean -0.2064 ± 0.0009
Sigma 0.8483 ± 0.0008
ADC-ped

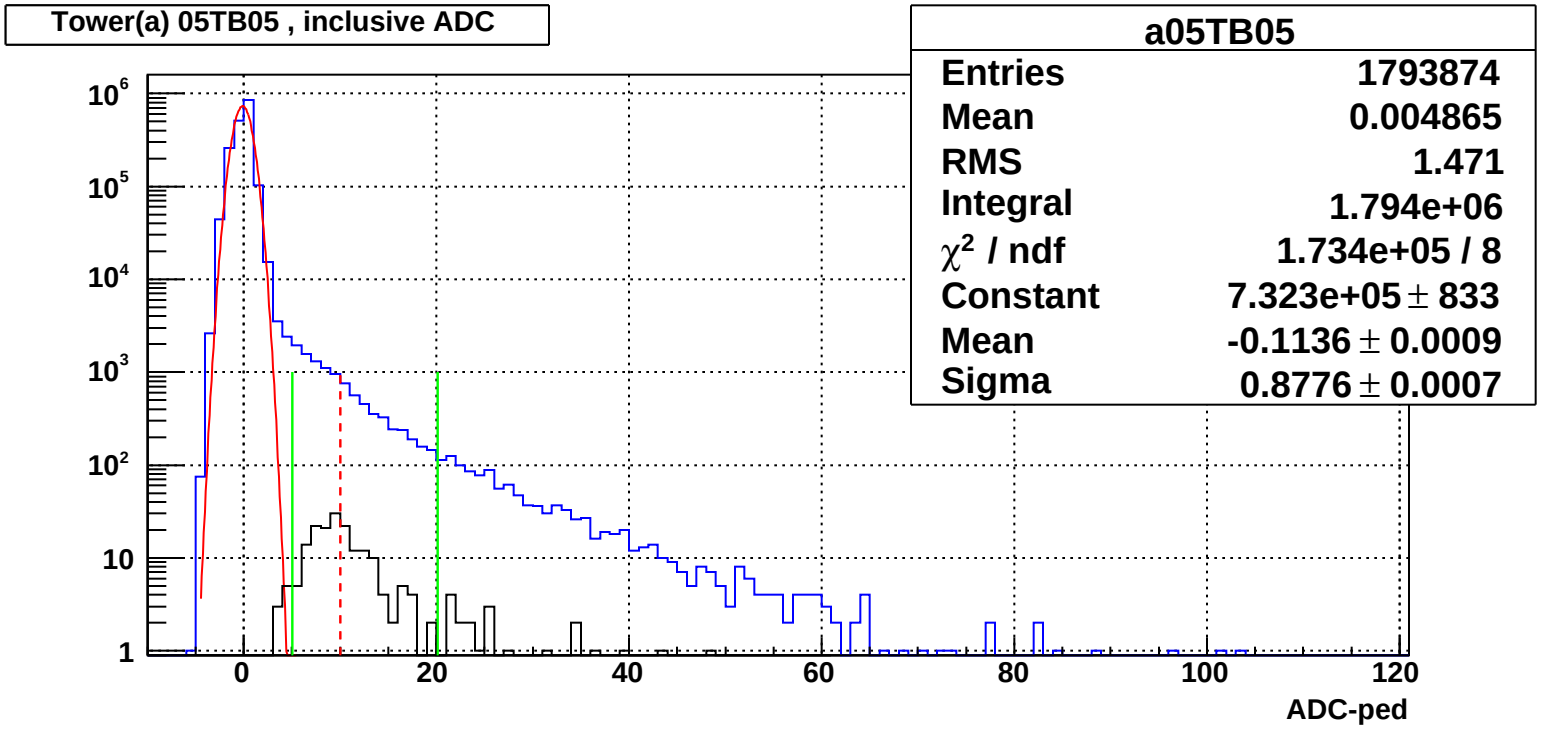

Tower(d) 04TD05 , ADC, tag: UxV 2*thr
d04TD05
Entries 148
Mean 11.75
RMS 6.867
Integral 146
χ² / ndf 14.27 / 13
x0 9.423 ± 0.249
aL 19.12 ± 2.78
sigL 18.81 ± 243.21
sigG 1.965 ± 0.249
ADC-ped

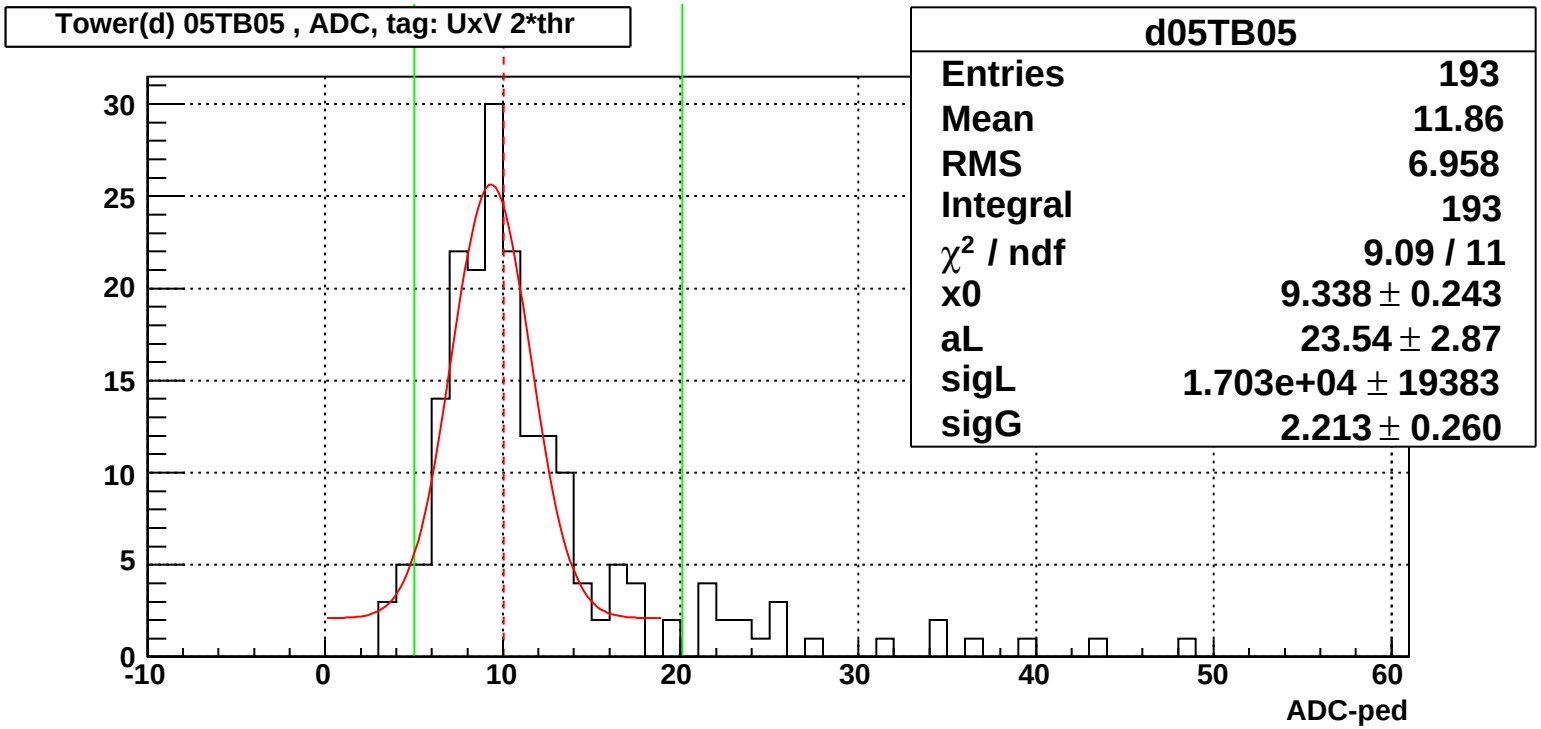

Tower(a) 04TE05 , inclusive ADC
a04TE05
Entries 1793874
Mean 0.07159
RMS 1.506
Integral 1.794e+06
χ² / ndf 1.46e+05 / 7
Constant 1.179e+06 ± 2213
Mean 0.02124 ± 0.00109
Sigma 0.5538 ± 0.0009
ADC-ped

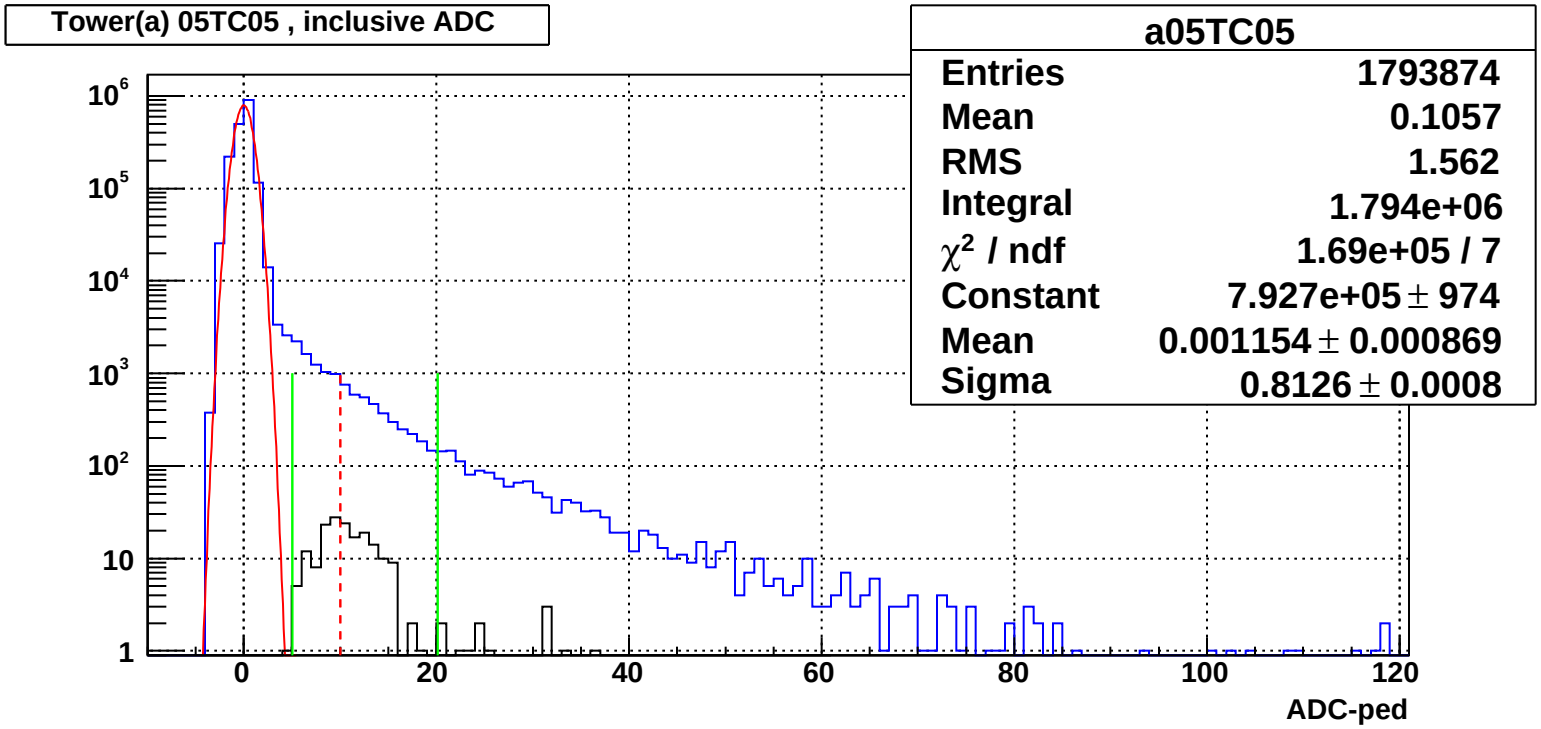

Tower(d) 04TE05 , ADC, tag: UxV 2*thr
d04TE05
Entries 116
Mean 13.75
RMS 6.681
Integral 115
χ² / ndf 9.663 / 12
x0 11.62 ± 0.33
aL 12.79 ± 1.14
sigL 9.676e+04 ± 1
sigG 2.379 ± 0.271
ADC-ped

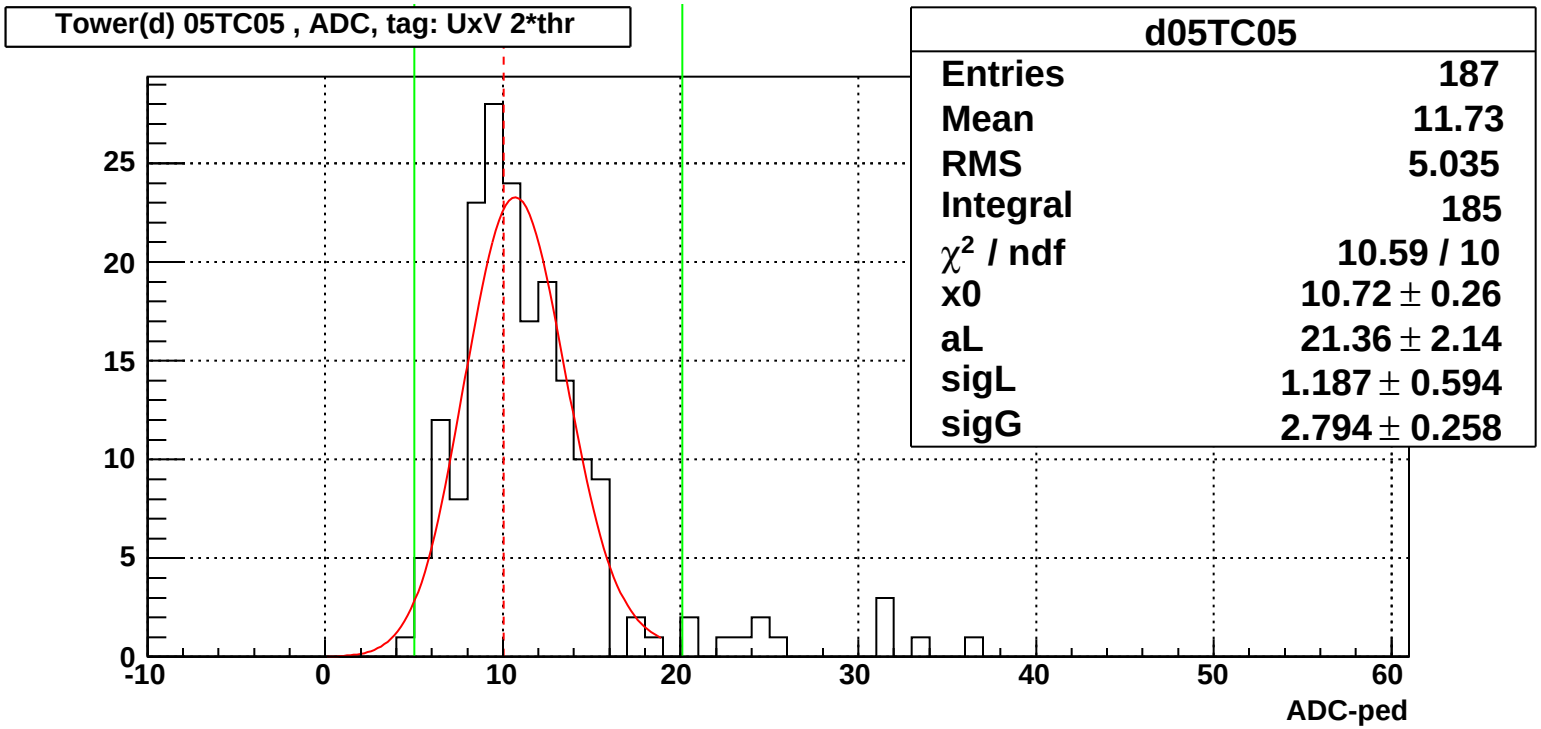

Tower(a) 05TA05 , inclusive ADC
a05TA05
Entries 1793874
Mean -0.01359
RMS 1.611
Integral 1.794e+06
χ² / ndf 1.97e+05 / 8
Constant 6.957e+05 ± 853
Mean -0.1092 ± 0.0010
Sigma 0.91 ± 0.00
ADC-ped

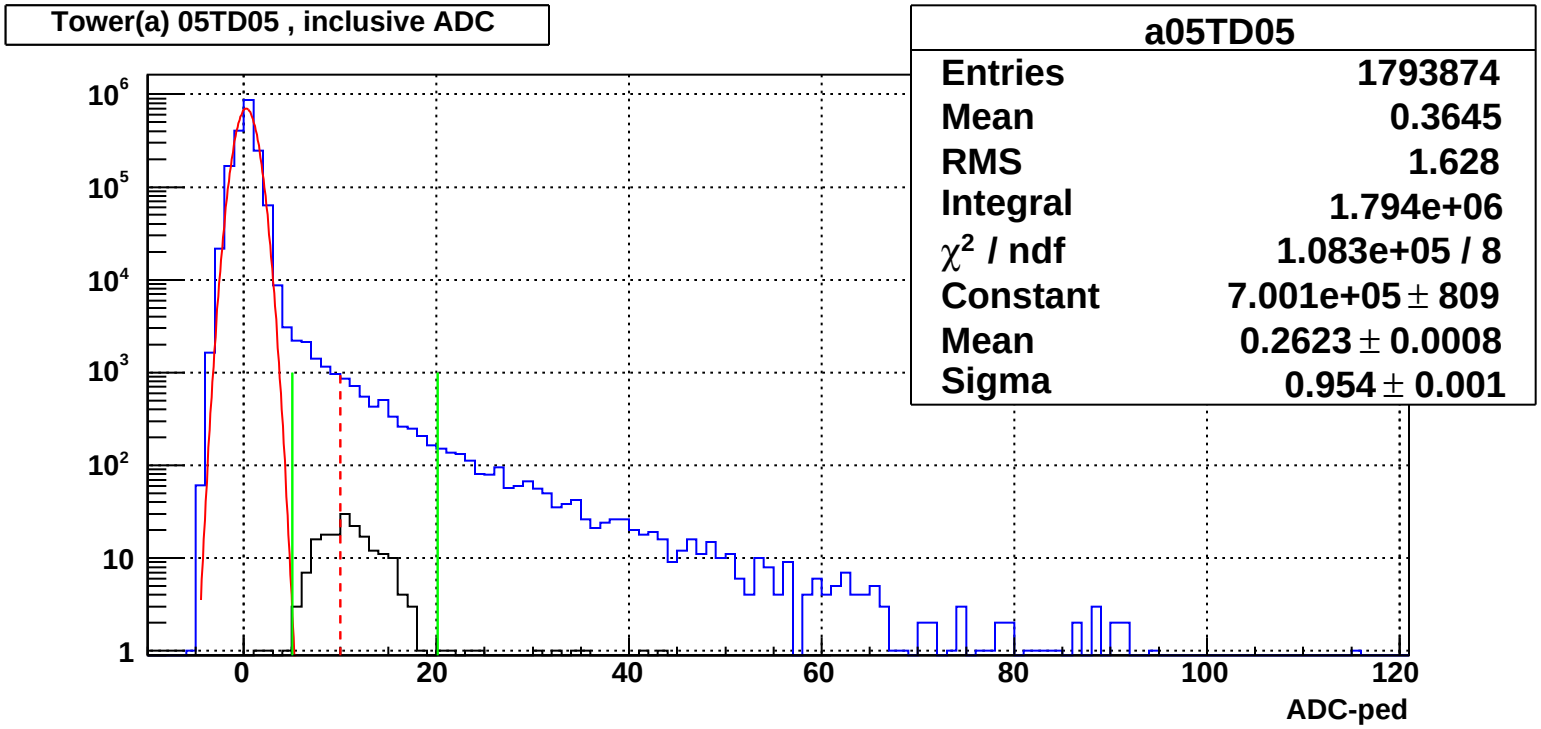

Tower(d) 05TA05 , ADC, tag: UxV 2*thr
d05TA05
Entries 191
Mean 12.28
RMS 6.23
Integral 190
χ² / ndf 29.28 / 11
x0 10.42 ± 0.27
aL 20 ± 1.2
sigL 7.626e+04 ± 1
sigG 2.487 ± 0.230
ADC-ped

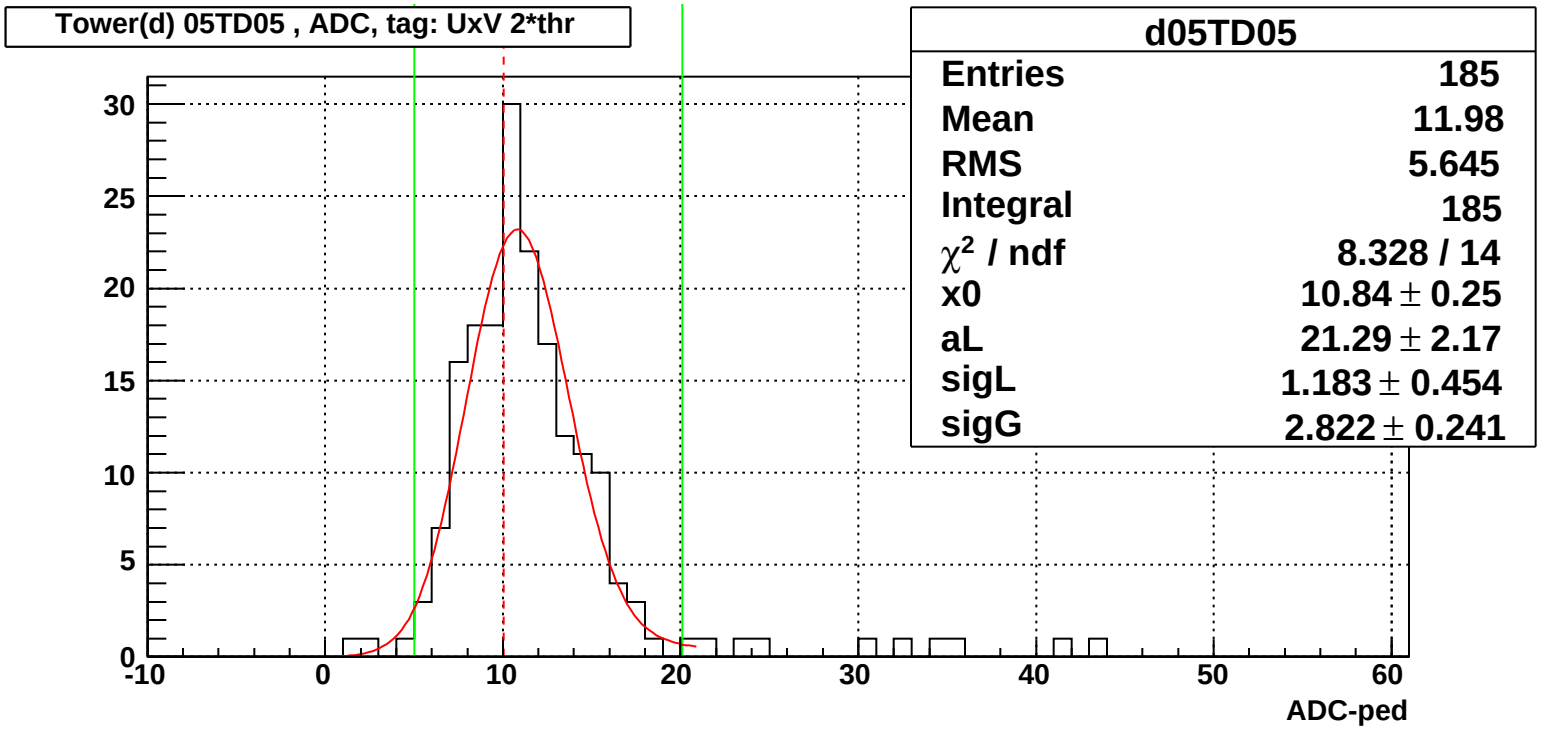

Tower(a) 05TB05 , inclusive ADC
a05TB05
Entries 1793874
Mean 0.004865
RMS 1.471
Integral 1.794e+06
χ² / ndf 1.734e+05 / 8
Constant 7.323e+05 ± 833
Mean -0.1136 ± 0.0009
Sigma 0.8776 ± 0.0007
ADC-ped

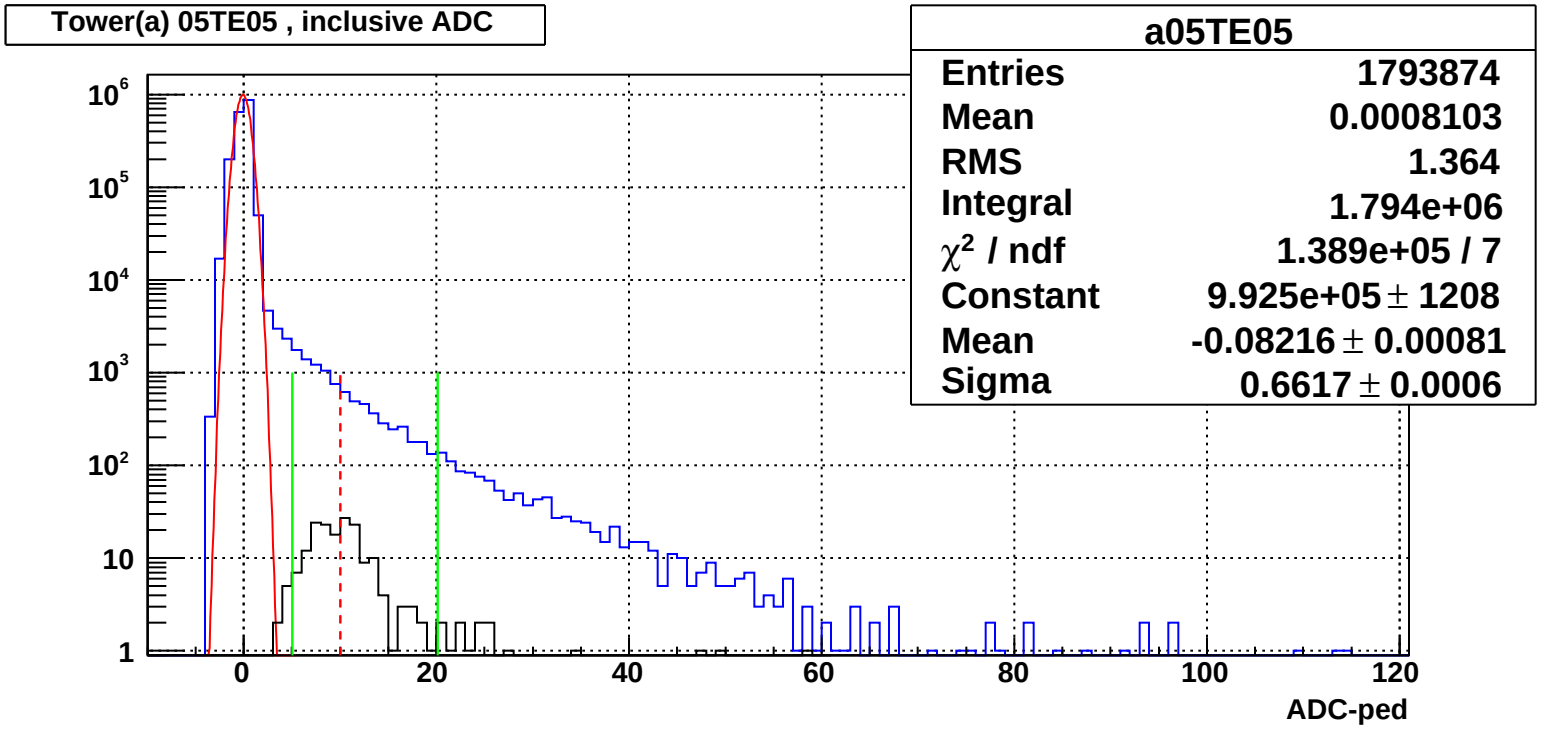

Tower(d) 05TB05 , ADC, tag: UxV 2*thr
d05TB05
Entries 193
Mean 11.86
RMS 6.958
Integral 193
χ² / ndf 9.09 / 11
x0 9.338 ± 0.243
aL 23.54 ± 2.87
sigL 1.703e+04 ± 19383
sigG 2.213 ± 0.260
ADC-ped

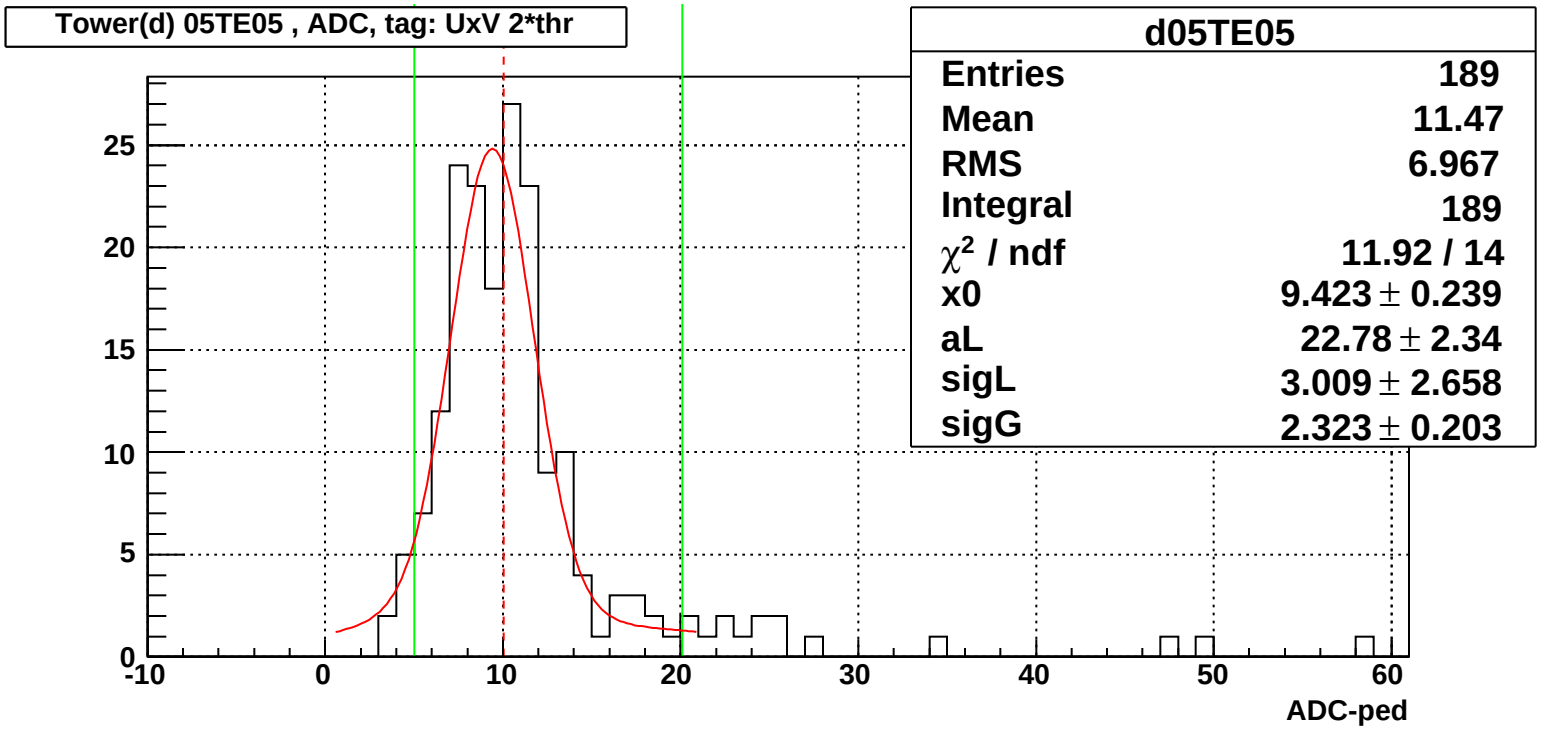

Tower(a) 05TC05 , inclusive ADC
a05TC05
Entries 1793874
Mean 0.1057
RMS 1.562
Integral 1.794e+06
χ² / ndf 1.69e+05 / 7
Constant 7.927e+05 ± 974
Mean 0.001154 ± 0.000869
Sigma 0.8126 ± 0.0008
ADC-ped

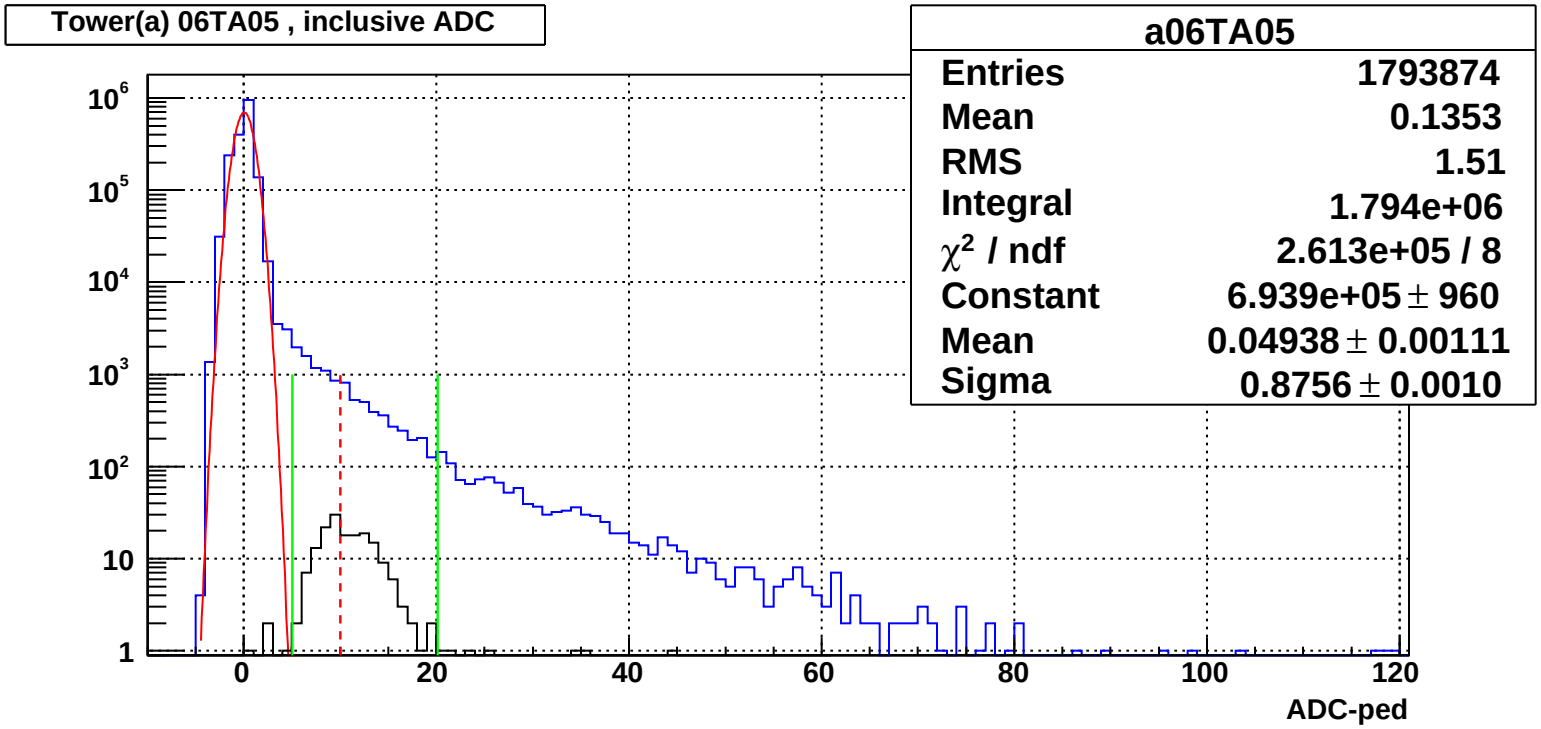

Tower(d) 05TC05 , ADC, tag: UxV 2*thr
d05TC05
Entries 187
Mean 11.73
RMS 5.035
Integral 185
χ² / ndf 10.59 / 10
x0 10.72 ± 0.26
aL 21.36 ± 2.14
sigL 1.187 ± 0.594
sigG 2.794 ± 0.258
ADC-ped

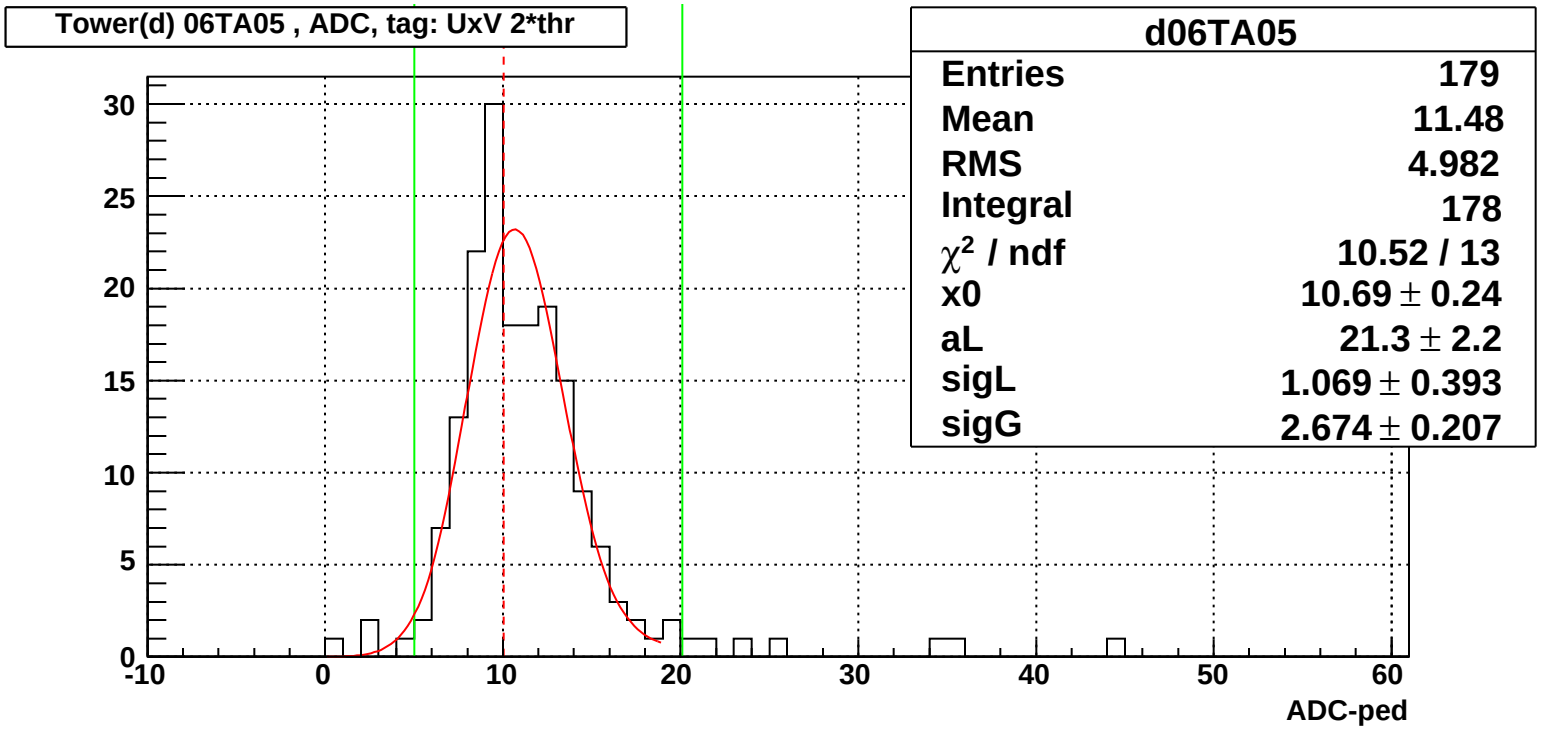

Tower(a) 05TD05 , inclusive ADC
a05TD05
Entries 1793874
Mean 0.3645
RMS 1.628
Integral 1.794e+06
χ² / ndf 1.083e+05 / 8
Constant 7.001e+05 ± 809
Mean 0.2623 ± 0.0008
Sigma 0.954 ± 0.001
ADC-ped

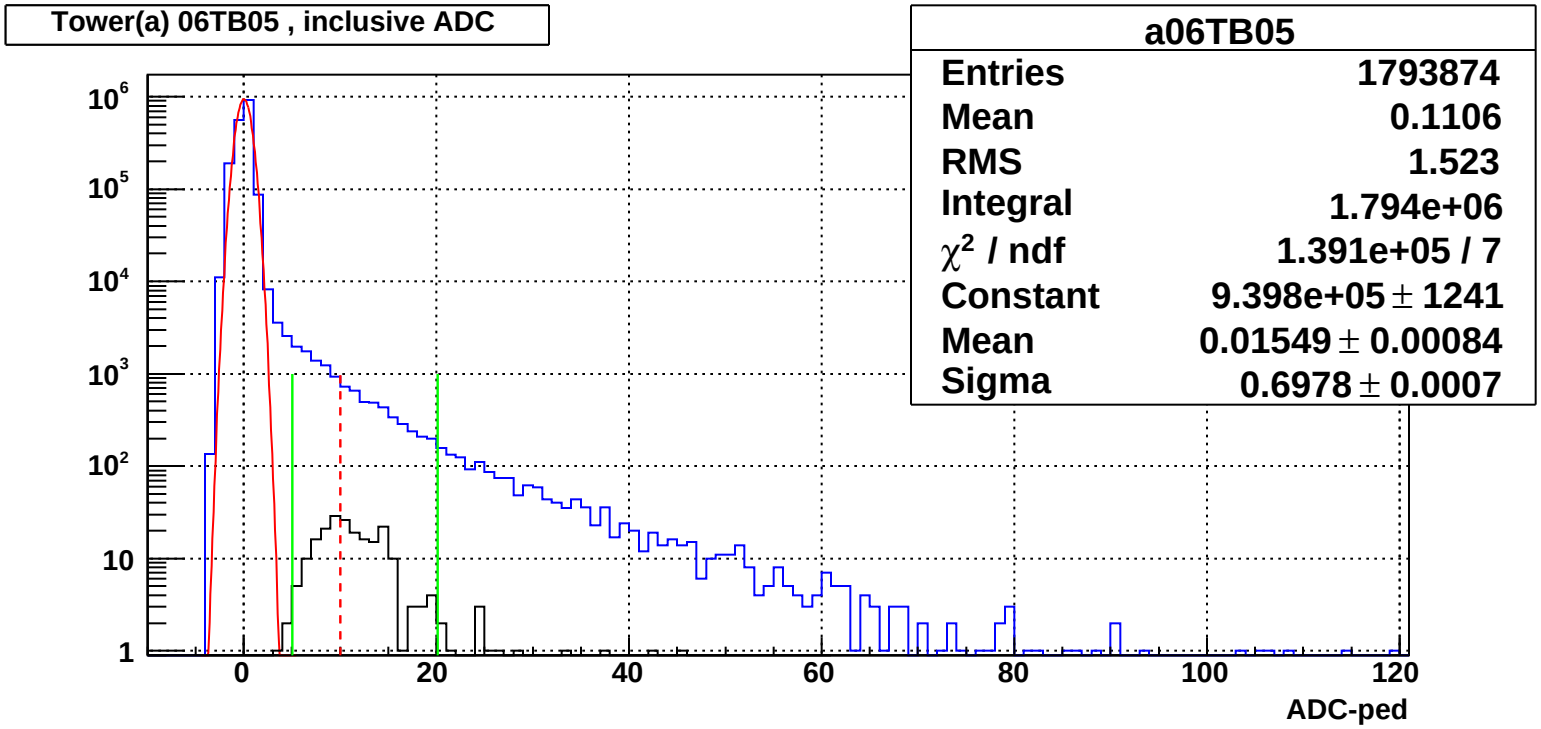

Tower(d) 05TD05 , ADC, tag: UxV 2*thr
d05TD05
Entries 185
Mean 11.98
RMS 5.645
Integral 185
χ² / ndf 8.328 / 14
x0 10.84 ± 0.25
aL 21.29 ± 2.17
sigL 1.183 ± 0.454
sigG 2.822 ± 0.241
ADC-ped

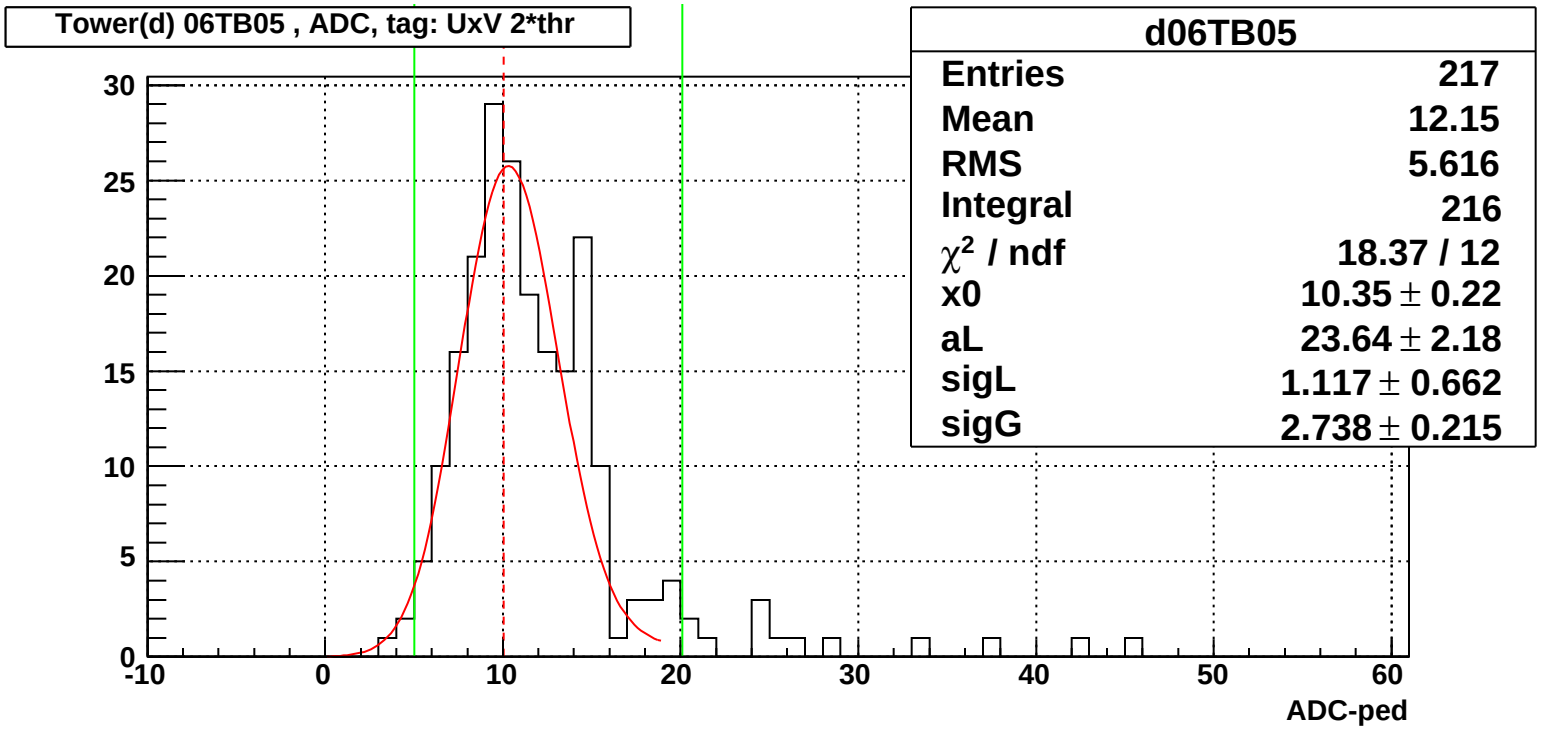

Tower(a) 05TE05 , inclusive ADC
a05TE05
Entries 1793874
Mean 0.0008103
RMS 1.364
Integral 1.794e+06
χ² / ndf 1.389e+05 / 7
Constant 9.925e+05 ± 1208
Mean -0.08216 ± 0.00081
Sigma 0.6617 ± 0.0006
ADC-ped

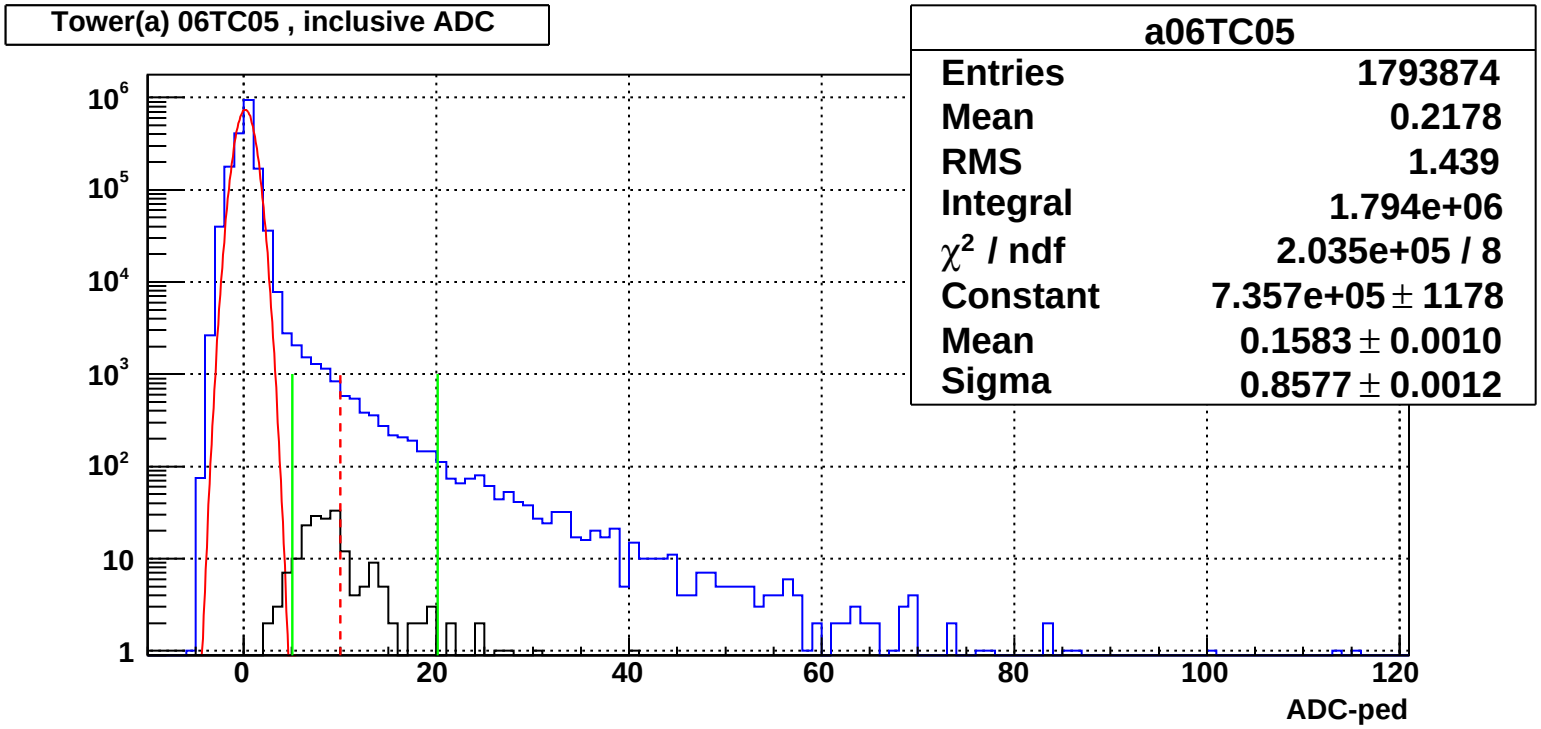

Tower(d) 05TE05 , ADC, tag: UxV 2*thr
d05TE05
Entries 189
Mean 11.47
RMS 6.967
Integral 189
χ² / ndf 11.92 / 14
x0 9.423 ± 0.239
aL 22.78 ± 2.34
sigL 3.009 ± 2.658
sigG 2.323 ± 0.203
ADC-ped

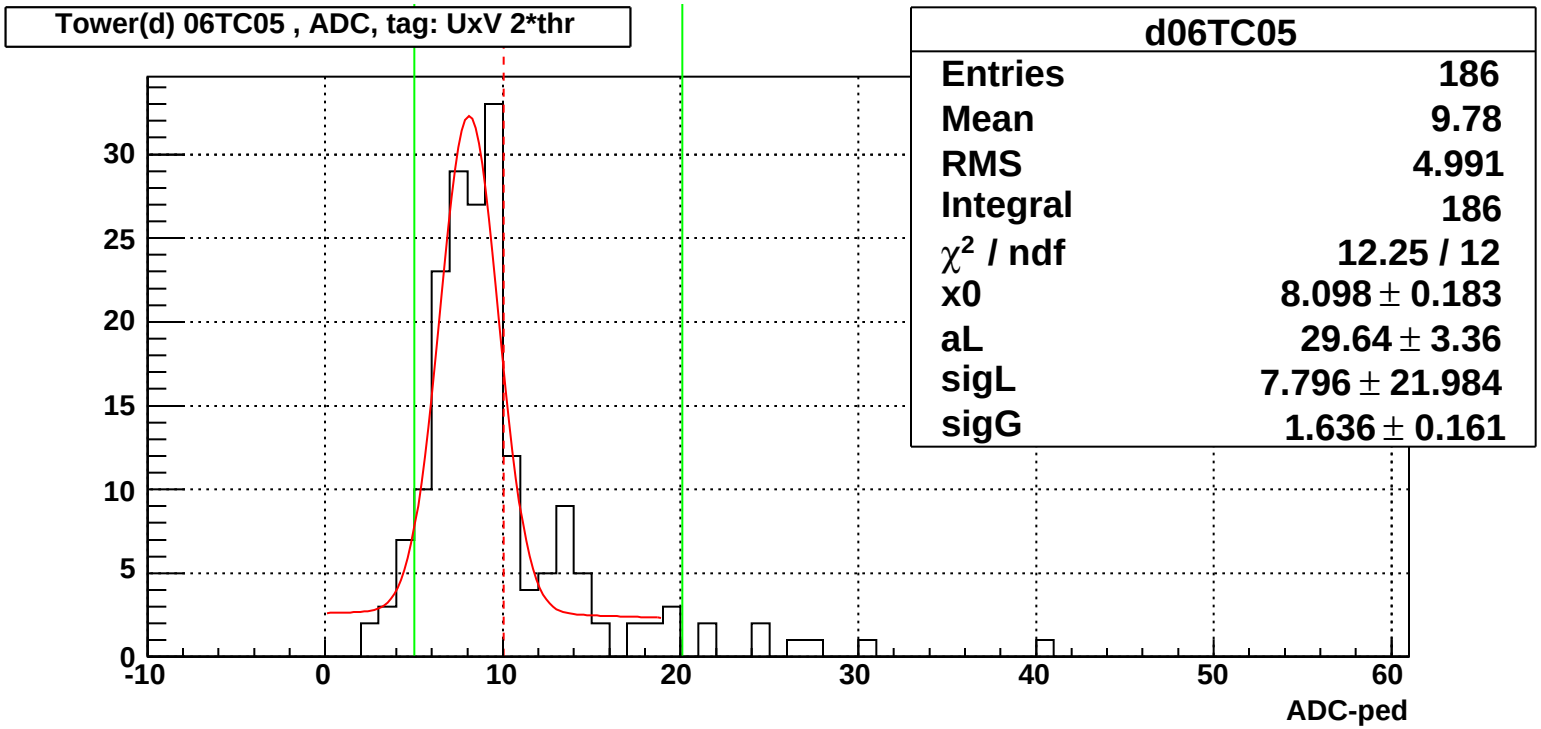

Tower(a) 06TA05 , inclusive ADC
a06TA05
Entries 1793874
Mean 0.1353
RMS 1.51
Integral 1.794e+06
χ² / ndf 2.613e+05 / 8
Constant 6.939e+05 ± 960
Mean 0.04938 ± 0.00111
Sigma 0.8756 ± 0.0010
ADC-ped

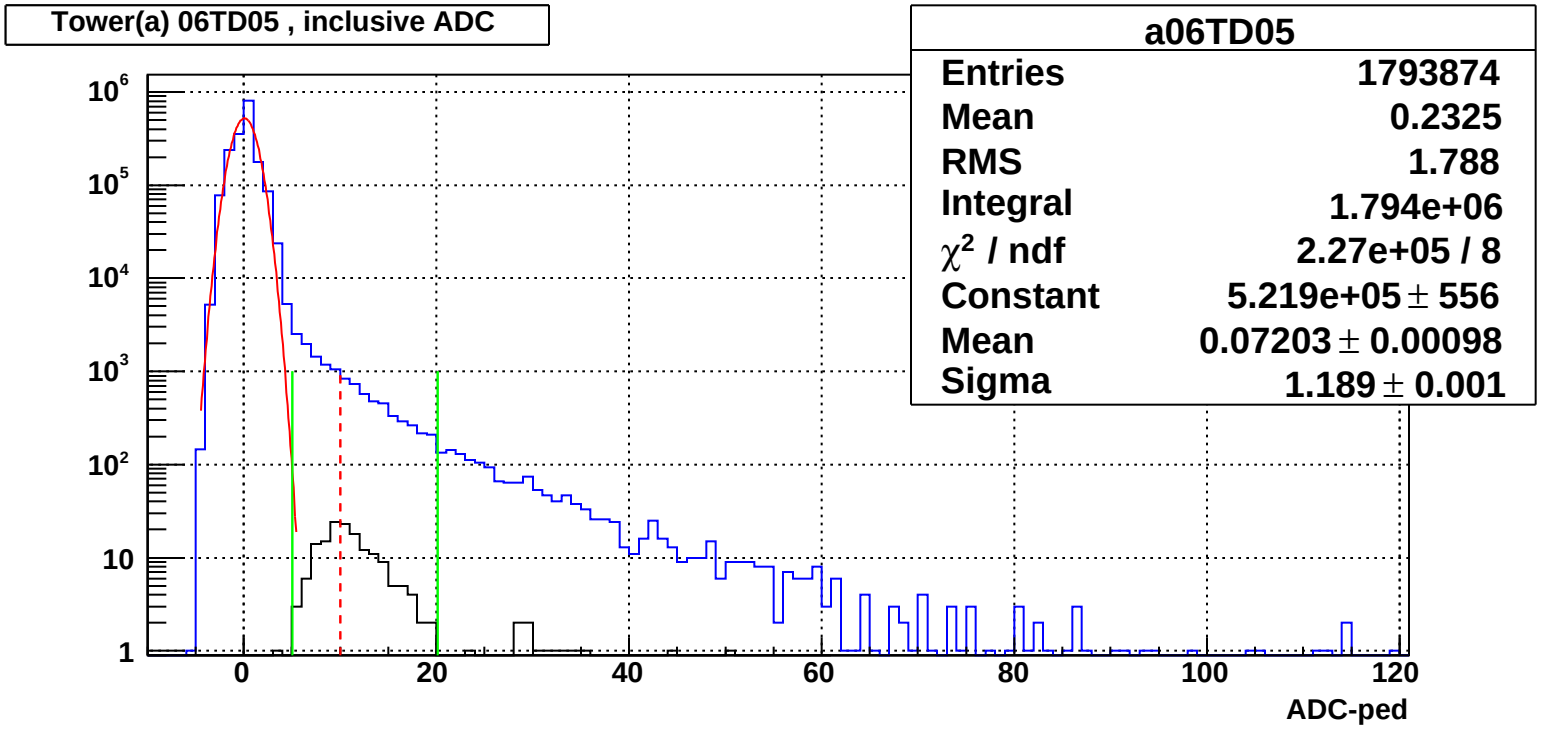

Tower(d) 06TA05 , ADC, tag: UxV 2*thr
d06TA05
Entries 179
Mean 11.48
RMS 4.982
Integral 178
χ² / ndf 10.52 / 13
x0 10.69 ± 0.24
aL 21.3 ± 2.2
sigL 1.069 ± 0.393
sigG 2.674 ± 0.207
ADC-ped

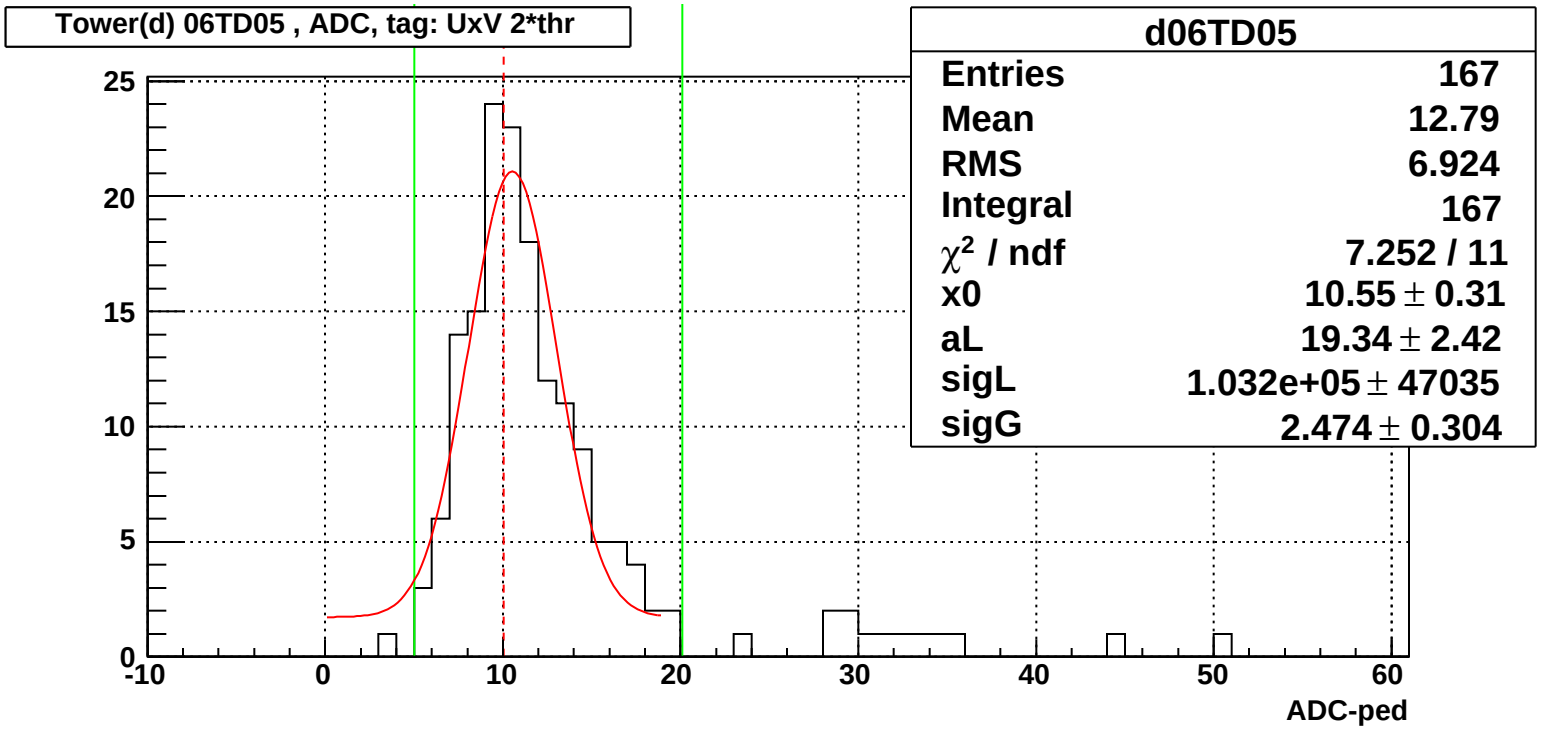

Tower(a) 06TB05 , inclusive ADC
a06TB05
Entries 1793874
Mean 0.1106
RMS 1.523
Integral 1.794e+06
χ² / ndf 1.391e+05 / 7
Constant 9.398e+05 ± 1241
Mean 0.01549 ± 0.00084
Sigma 0.6978 ± 0.0007
ADC-ped

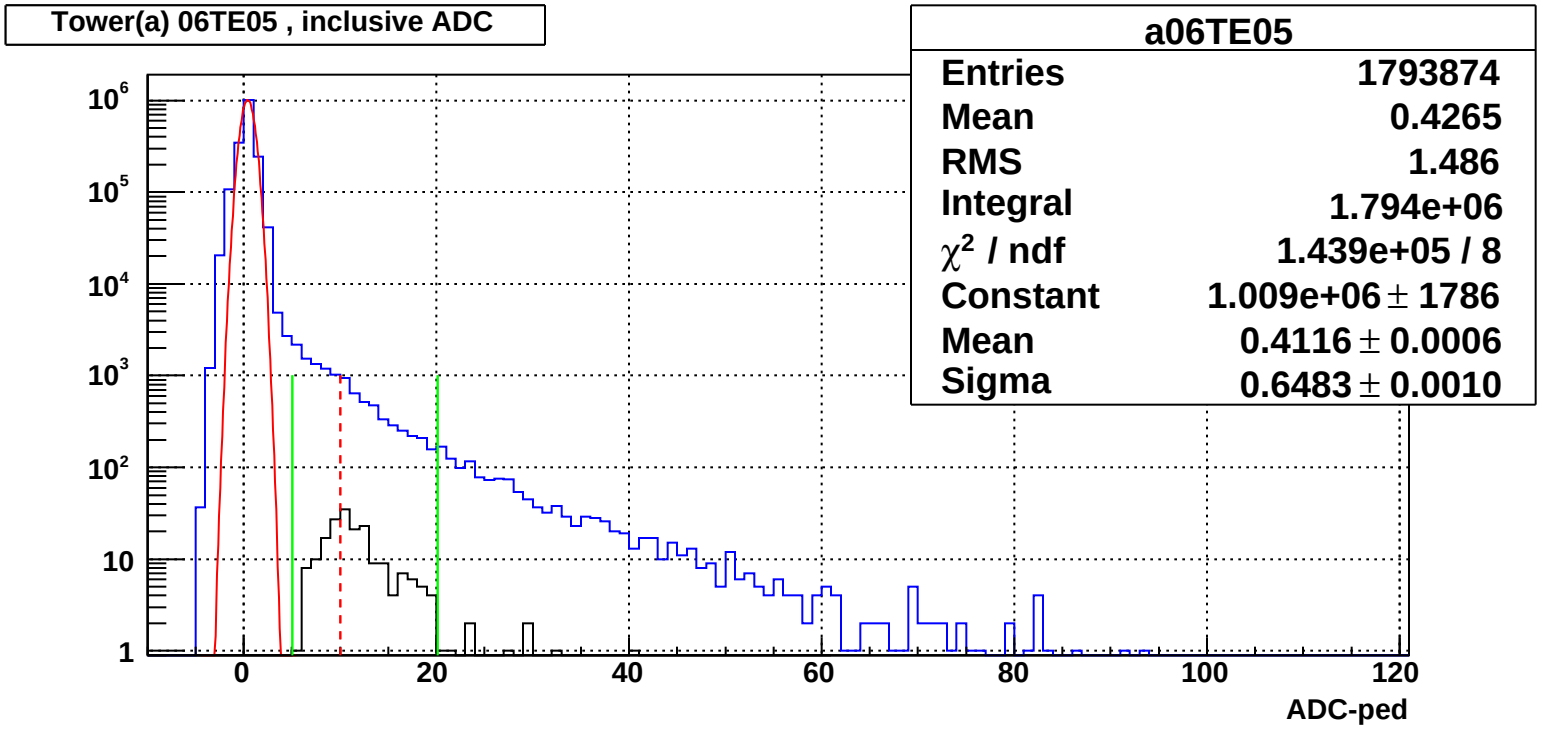

Tower(d) 06TB05 , ADC, tag: UxV 2*thr
d06TB05
Entries 217
Mean 12.15
RMS 5.616
Integral 216
χ² / ndf 18.37 / 12
x0 10.35 ± 0.22
aL 23.64 ± 2.18
sigL 1.117 ± 0.662
sigG 2.738 ± 0.215
ADC-ped

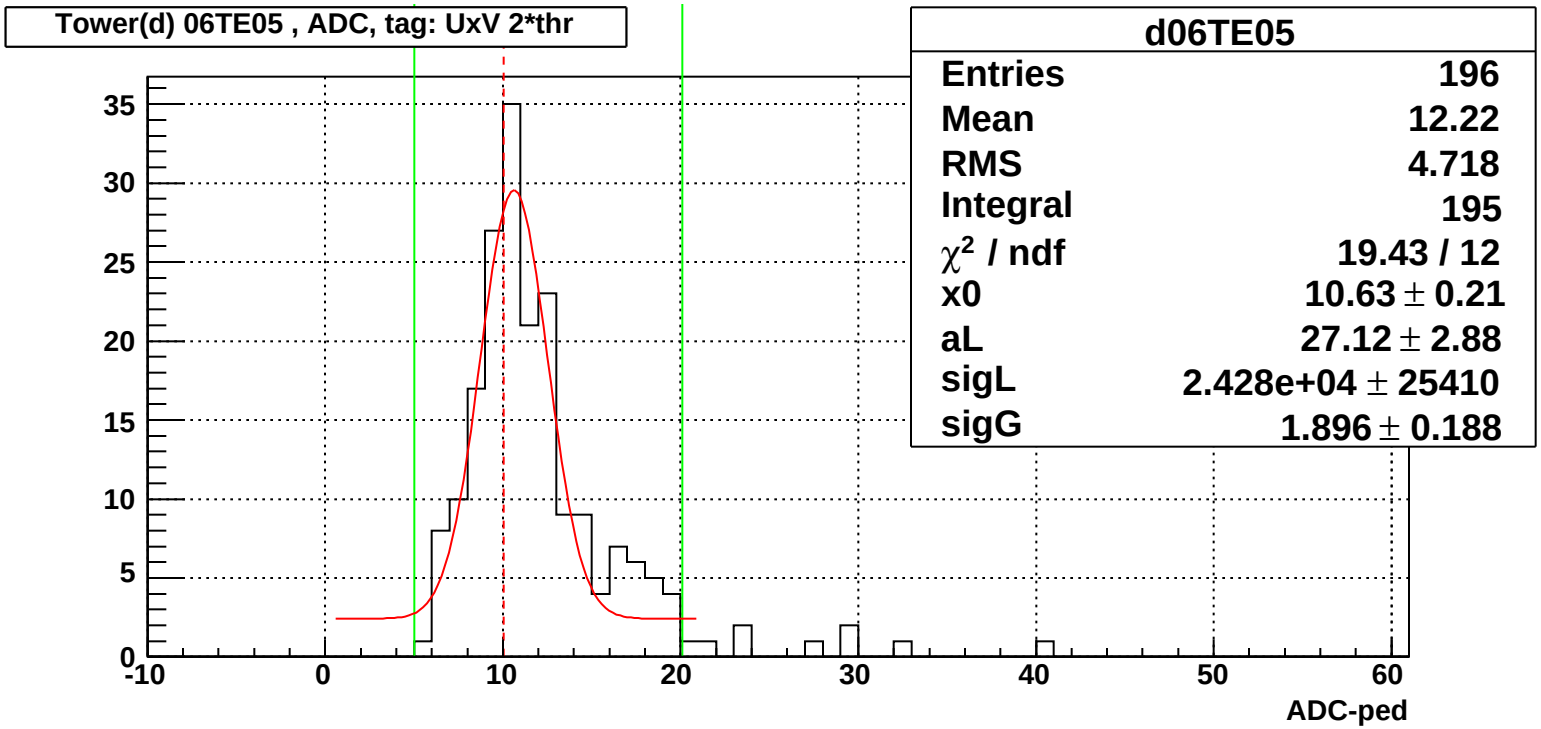

Tower(a) 06TC05 , inclusive ADC
a06TC05
Entries 1793874
Mean 0.2178
RMS 1.439
Integral 1.794e+06
χ² / ndf 2.035e+05 / 8
Constant 7.357e+05 ± 1178
Mean 0.1583 ± 0.0010
Sigma 0.8577 ± 0.0012
ADC-ped

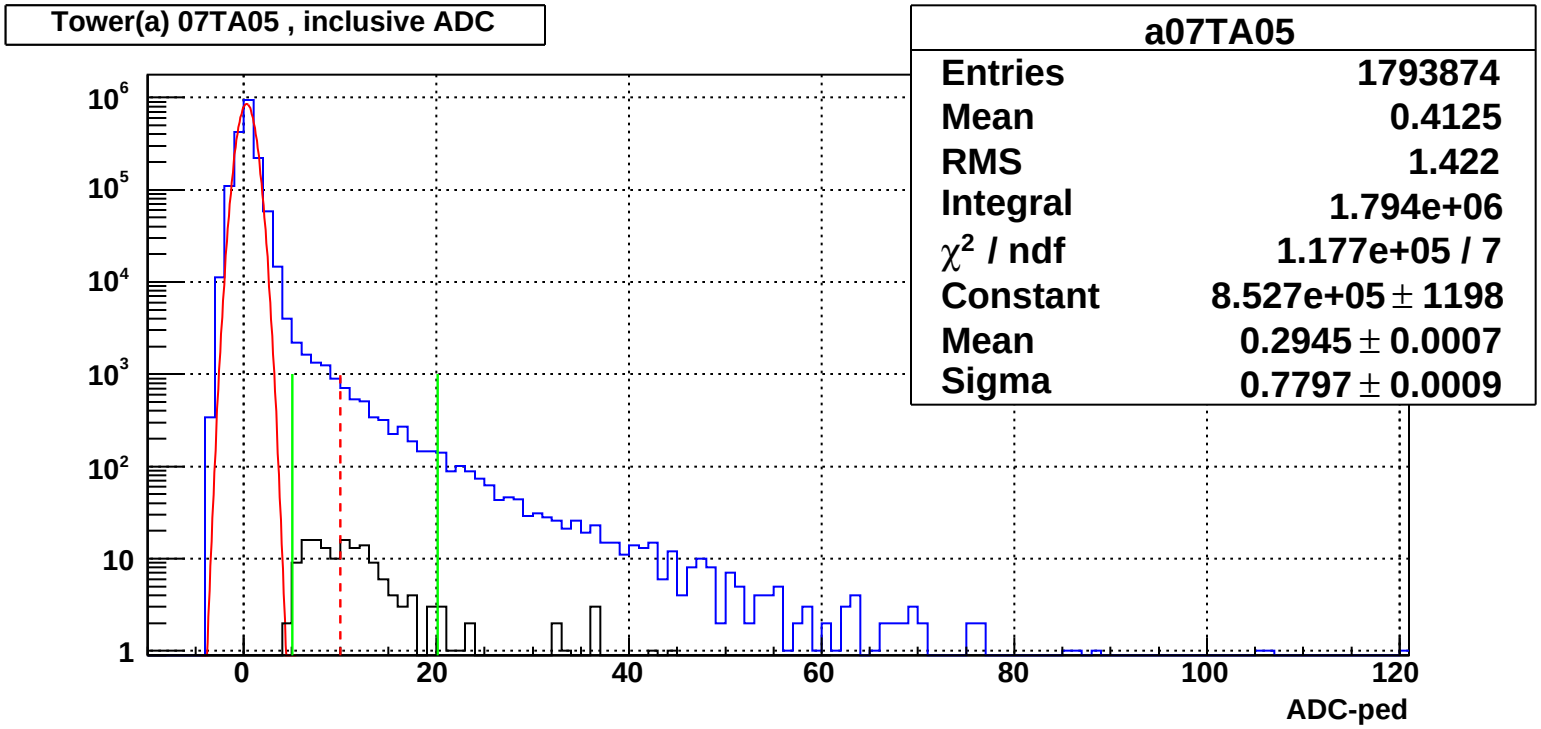

Tower(d) 06TC05 , ADC, tag: UxV 2*thr
d06TC05
Entries 186
Mean 9.78
RMS 4.991
Integral 186
χ² / ndf 12.25 / 12
x0 8.098 ± 0.183
aL 29.64 ± 3.36
sigL 7.796 ± 21.984
sigG 1.636 ± 0.161
ADC-ped

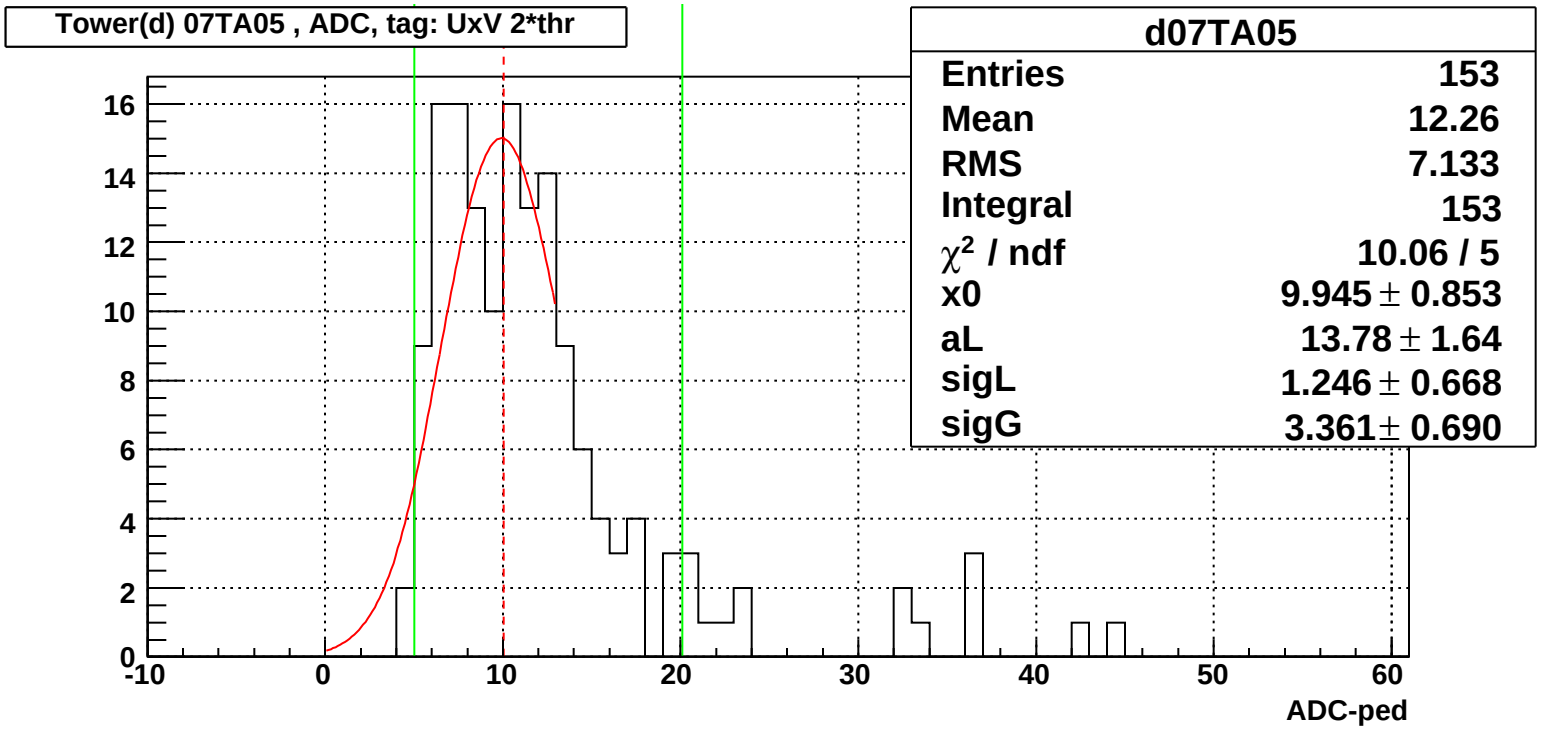

Tower(a) 06TD05 , inclusive ADC
a06TD05
Entries 1793874
Mean 0.2325
RMS 1.788
Integral 1.794e+06
χ² / ndf 2.27e+05 / 8
Constant 5.219e+05 ± 556
Mean 0.07203 ± 0.00098
Sigma 1.189 ± 0.001
ADC-ped

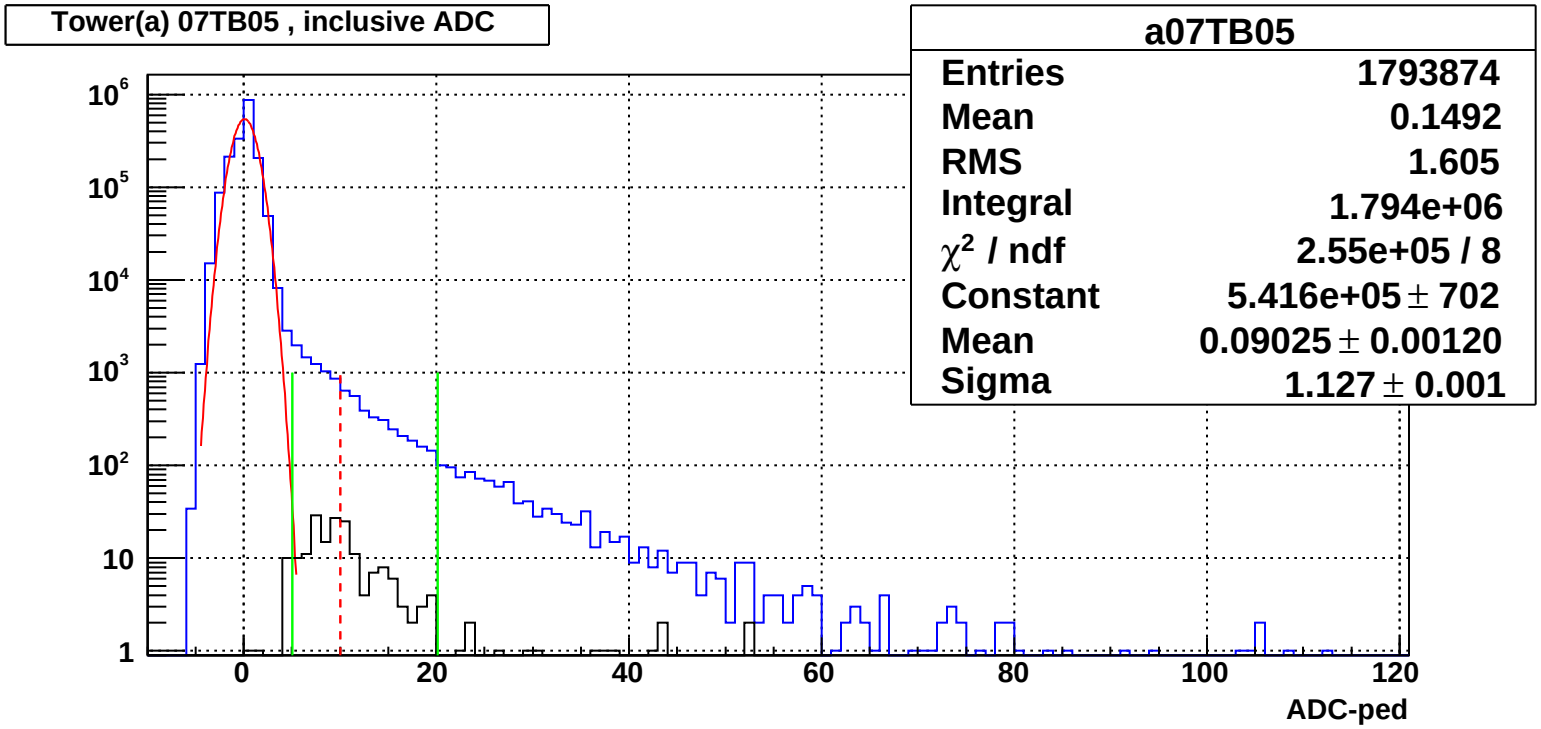

Tower(d) 06TD05 , ADC, tag: UxV 2*thr
d06TD05
Entries 167
Mean 12.79
RMS 6.924
Integral 167
χ² / ndf 7.252 / 11
x0 10.55 ± 0.31
aL 19.34 ± 2.42
sigL 1.032e+05 ± 47035
sigG 2.474 ± 0.304
ADC-ped

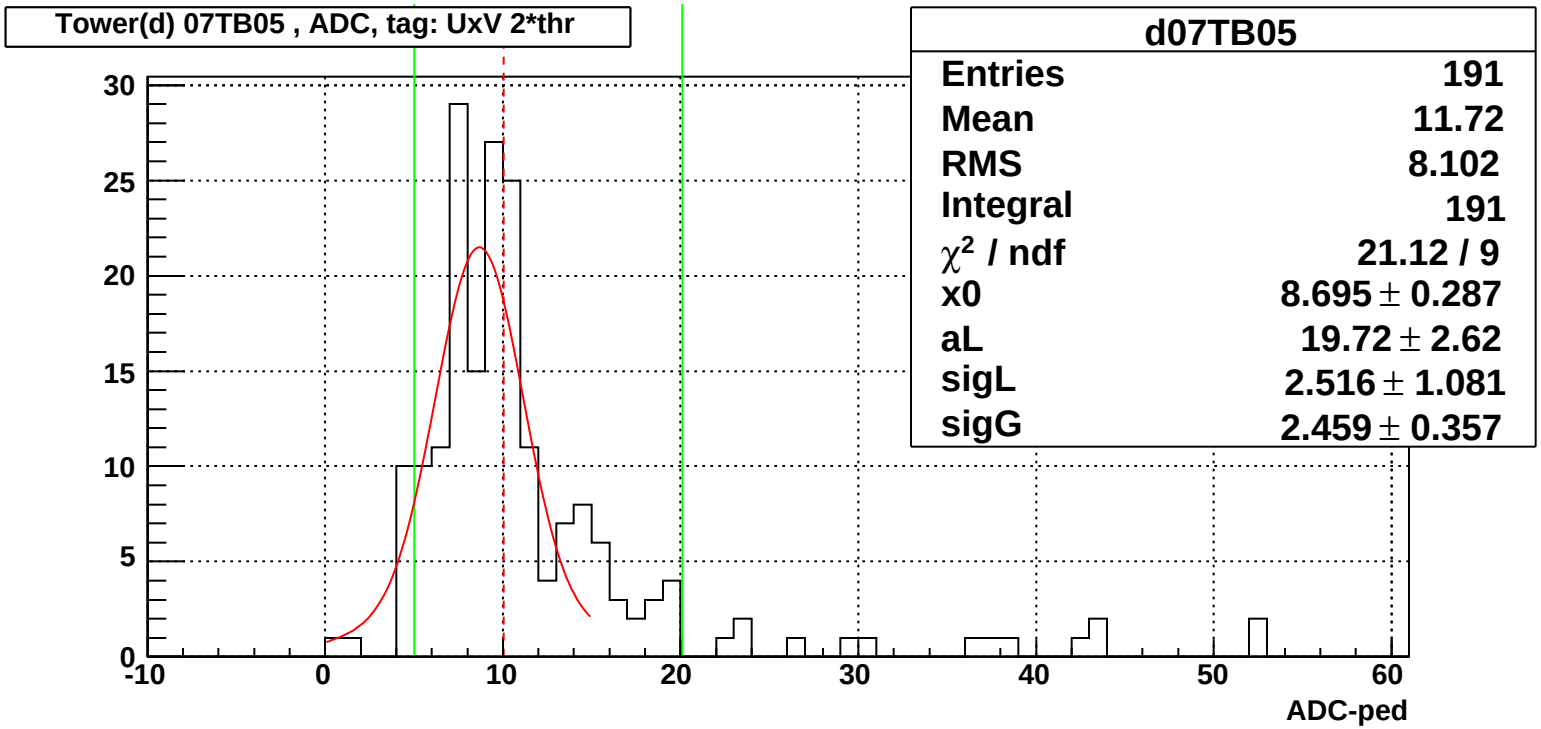

Tower(a) 06TE05 , inclusive ADC
a06TE05
Entries 1793874
Mean 0.4265
RMS 1.486
Integral 1.794e+06
χ² / ndf 1.439e+05 / 8
Constant 1.009e+06 ± 1786
Mean 0.4116 ± 0.0006
Sigma 0.6483 ± 0.0010
ADC-ped

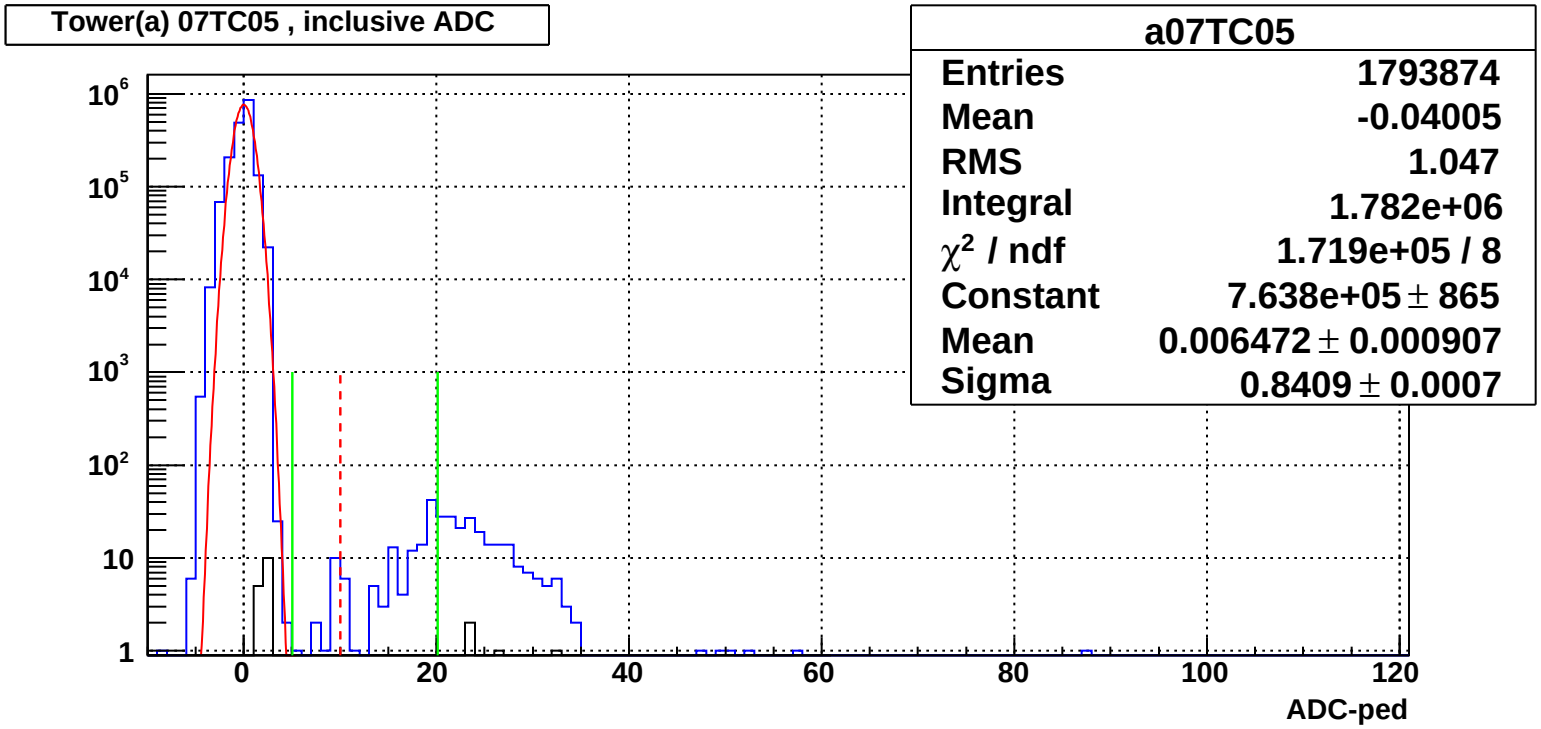

Tower(d) 06TE05 , ADC, tag: UxV 2*thr
d06TE05
Entries 196
Mean 12.22
RMS 4.718
Integral 195
χ² / ndf 19.43 / 12
x0 10.63 ± 0.21
aL 27.12 ± 2.88
sigL 2.428e+04 ± 25410
sigG 1.896 ± 0.188
ADC-ped

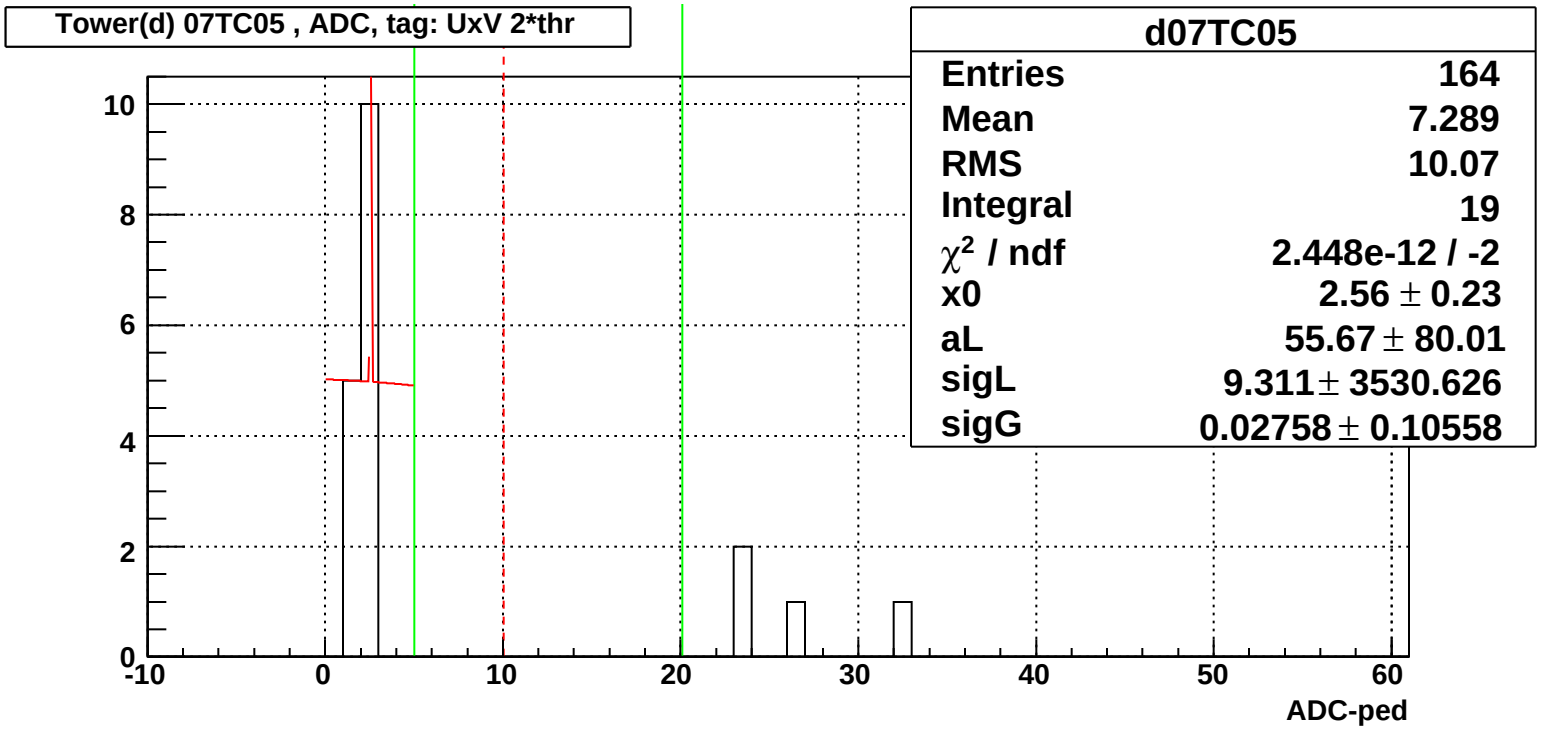

Tower(a) 07TA05 , inclusive ADC
a07TA05
Entries 1793874
Mean 0.4125
RMS 1.422
Integral 1.794e+06
χ² / ndf 1.177e+05 / 7
Constant 8.527e+05 ± 1198
Mean 0.2945 ± 0.0007
Sigma 0.7797 ± 0.0009
ADC-ped

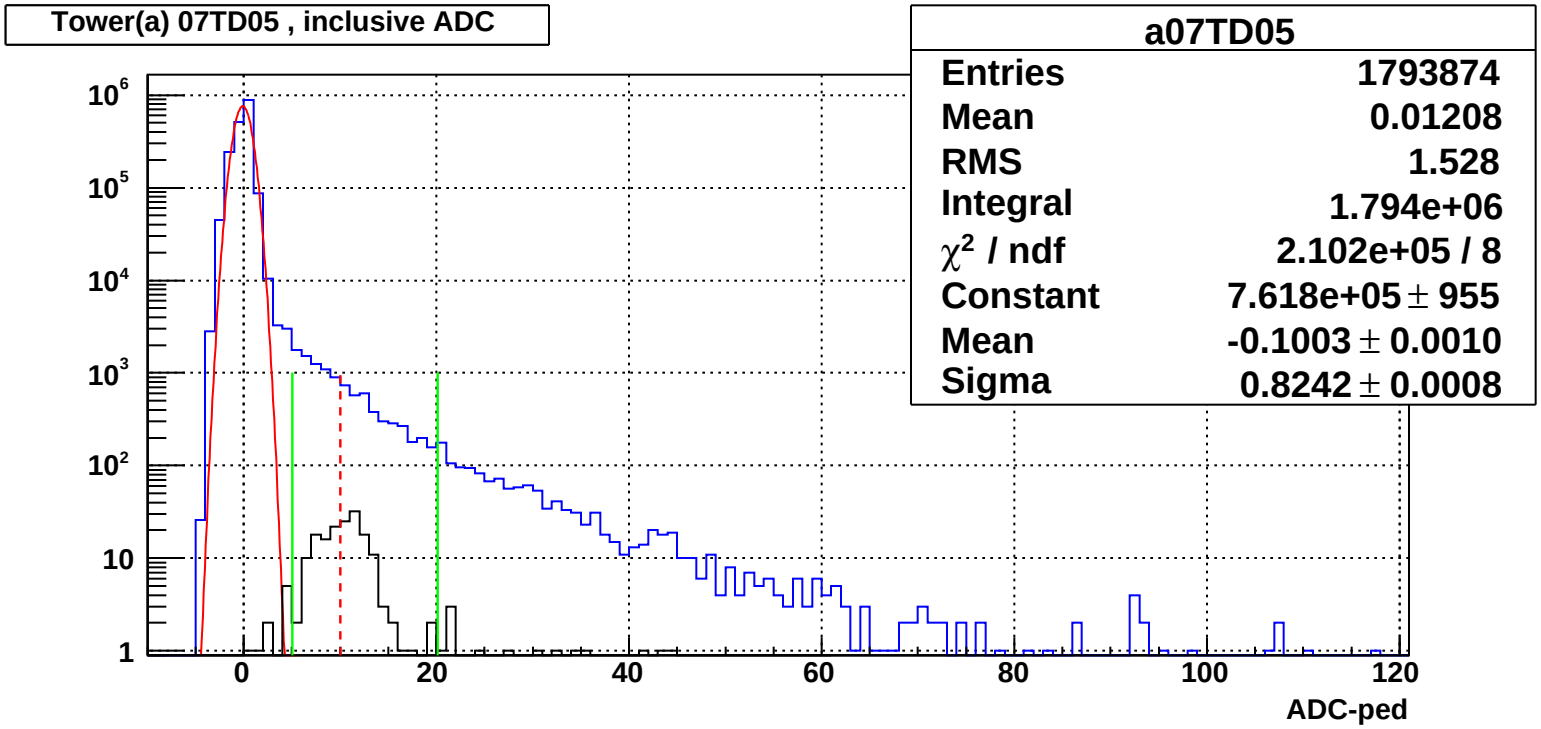

Tower(d) 07TA05 , ADC, tag: UxV 2*thr
d07TA05
Entries 153
Mean 12.26
RMS 7.133
Integral 153
χ² / ndf 10.06 / 5
x0 9.945 ± 0.853
aL 13.78 ± 1.64
sigL 1.246 ± 0.668
sigG 3.361 ± 0.690
ADC-ped

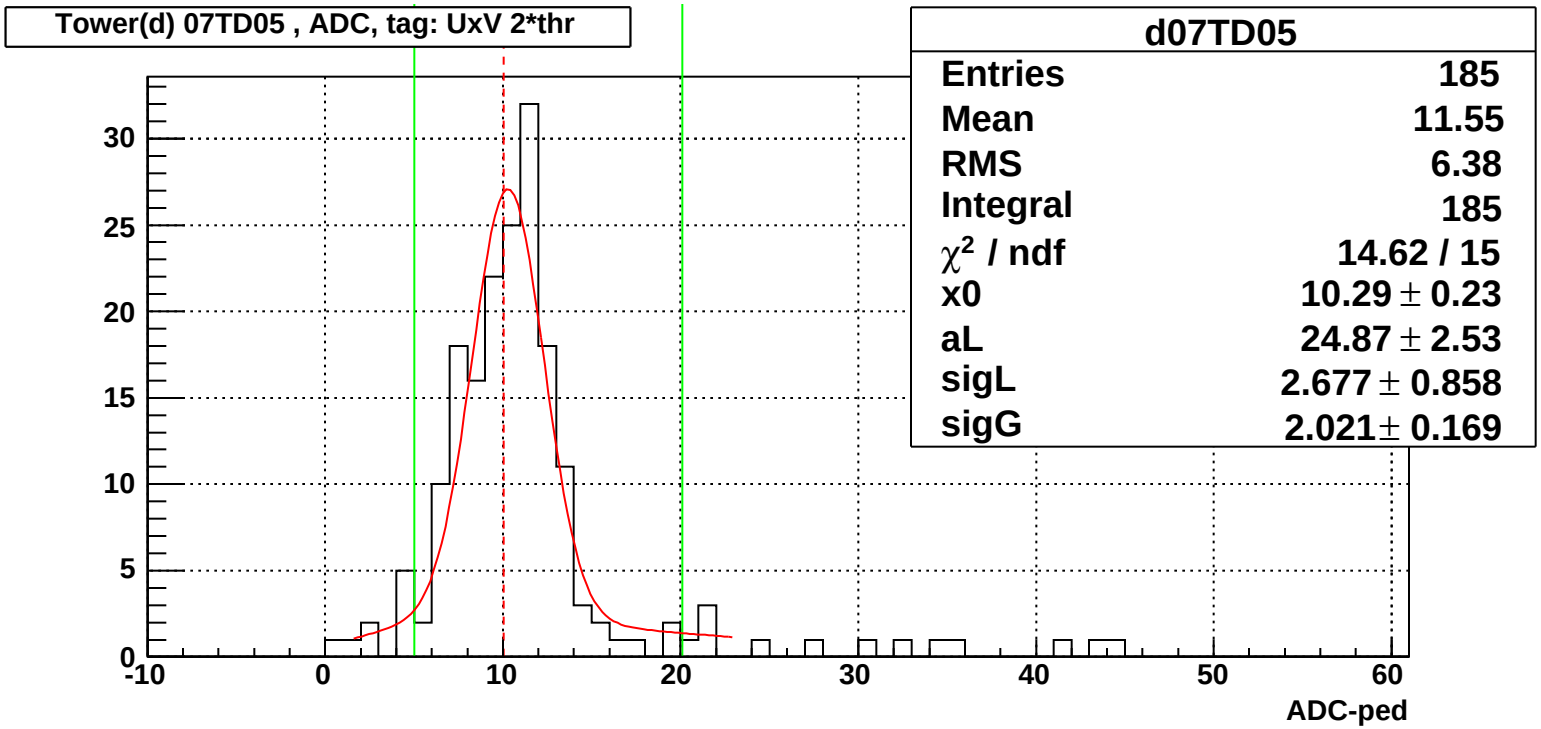

Tower(a) 07TB05 , inclusive ADC
a07TB05
Entries 1793874
Mean 0.1492
RMS 1.605
Integral 1.794e+06
χ² / ndf 2.55e+05 / 8
Constant 5.416e+05 ± 702
Mean 0.09025 ± 0.00120
Sigma 1.127 ± 0.001
ADC-ped

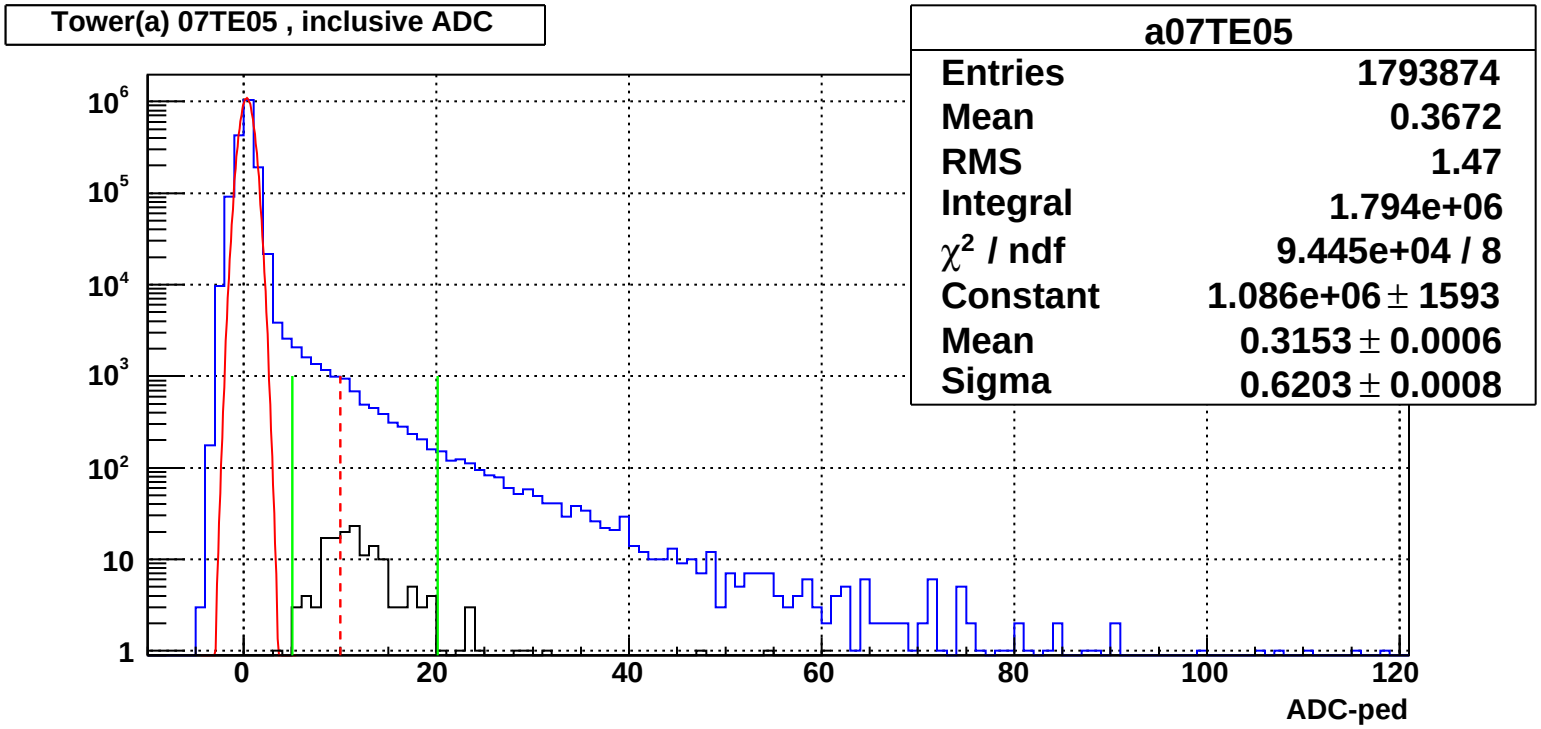

Tower(d) 07TB05 , ADC, tag: UxV 2*thr
d07TB05
Entries 191
Mean 11.72
RMS 8.102
Integral 191
χ² / ndf 21.12 / 9
x0 8.695 ± 0.287
aL 19.72 ± 2.62
sigL 2.516 ± 1.081
sigG 2.459 ± 0.357
ADC-ped

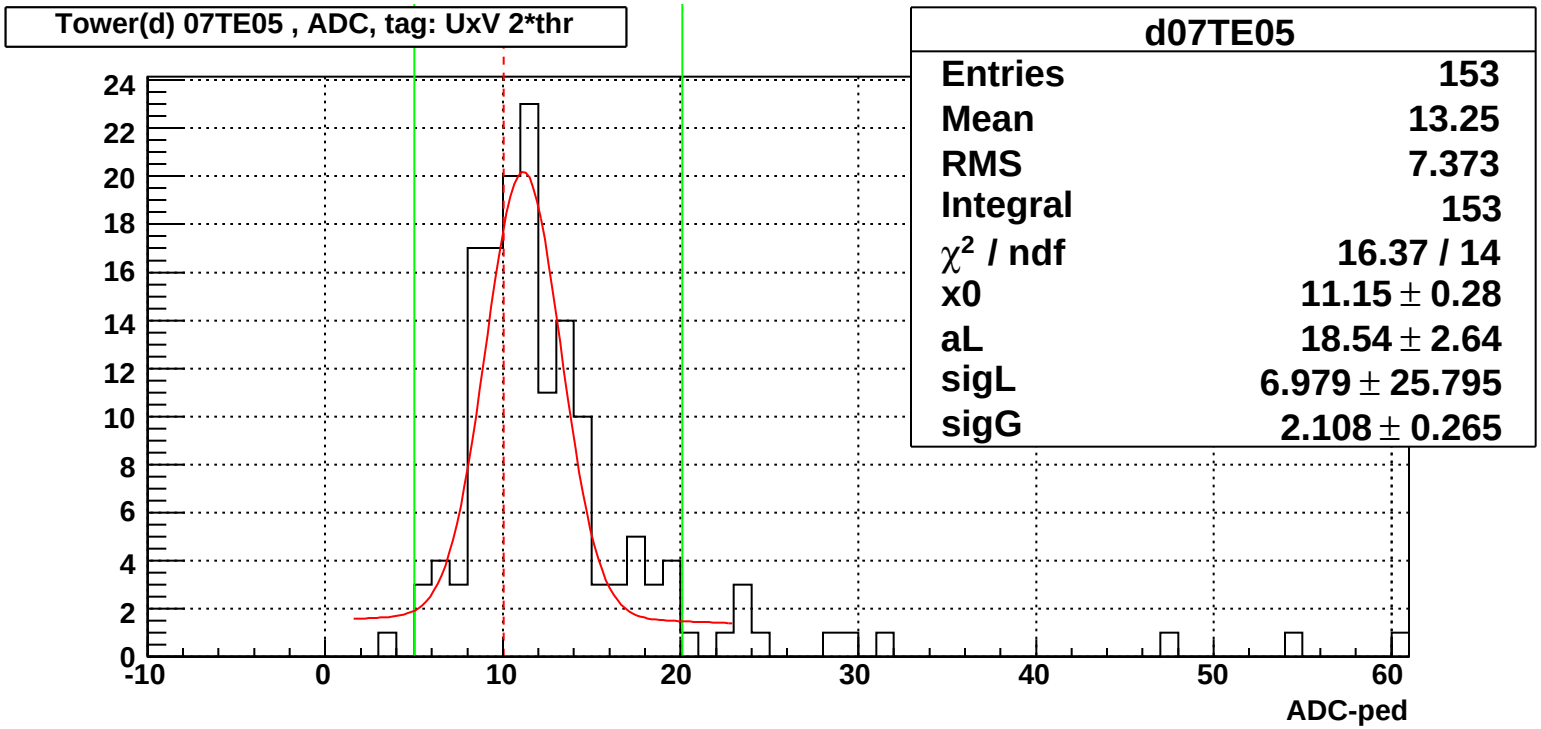

Tower(a) 07TC05 , inclusive ADC
a07TC05
Entries 1793874
Mean -0.04005
RMS 1.047
Integral 1.782e+06
χ² / ndf 1.719e+05 / 8
Constant 7.638e+05 ± 865
Mean 0.006472 ± 0.000907
Sigma 0.8409 ± 0.0007
ADC-ped

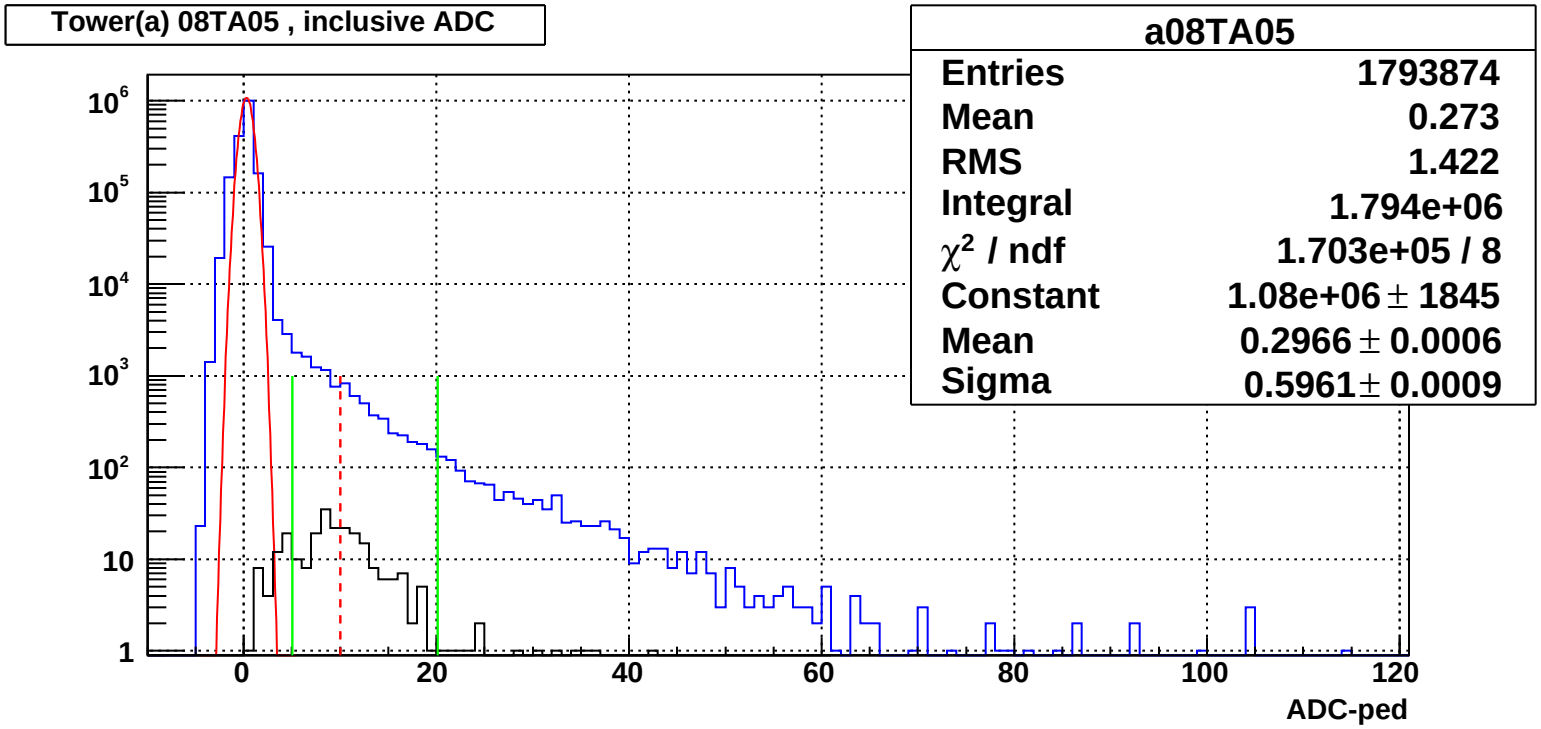

Tower(d) 07TC05 , ADC, tag: UxV 2*thr
d07TC05
Entries 164
Mean 7.289
RMS 10.07
Integral 19
χ² / ndf 2.448e-12 / -2
x0 2.56 ± 0.23
aL 55.67 ± 80.01
sigL 9.311 ± 3530.626
sigG 0.02758 ± 0.10558
ADC-ped

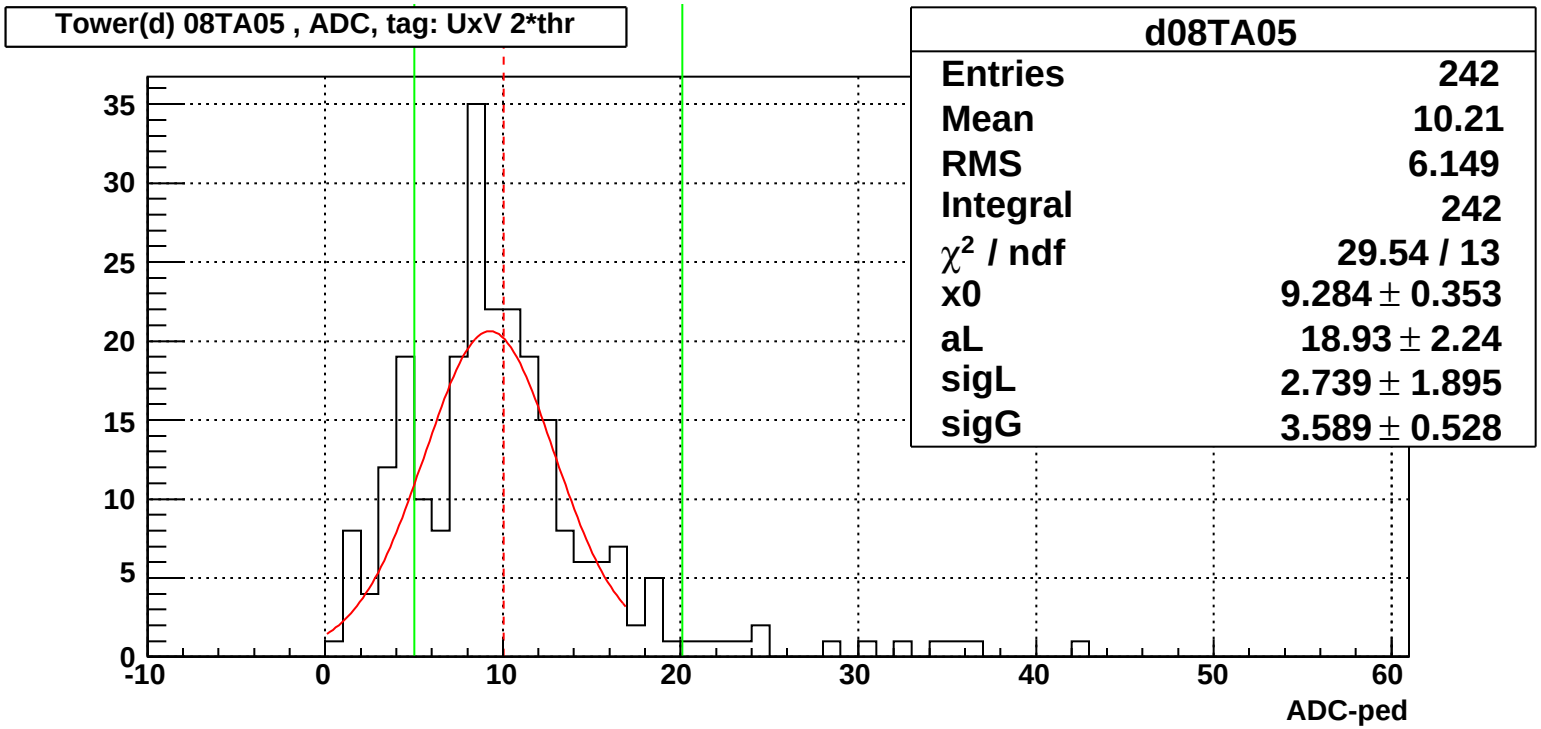

Tower(a) 07TD05 , inclusive ADC
a07TD05
Entries 1793874
Mean 0.01208
RMS 1.528
Integral 1.794e+06
χ² / ndf 2.102e+05 / 8
Constant 7.618e+05 ± 955
Mean -0.1003 ± 0.0010
Sigma 0.8242 ± 0.0008
ADC-ped

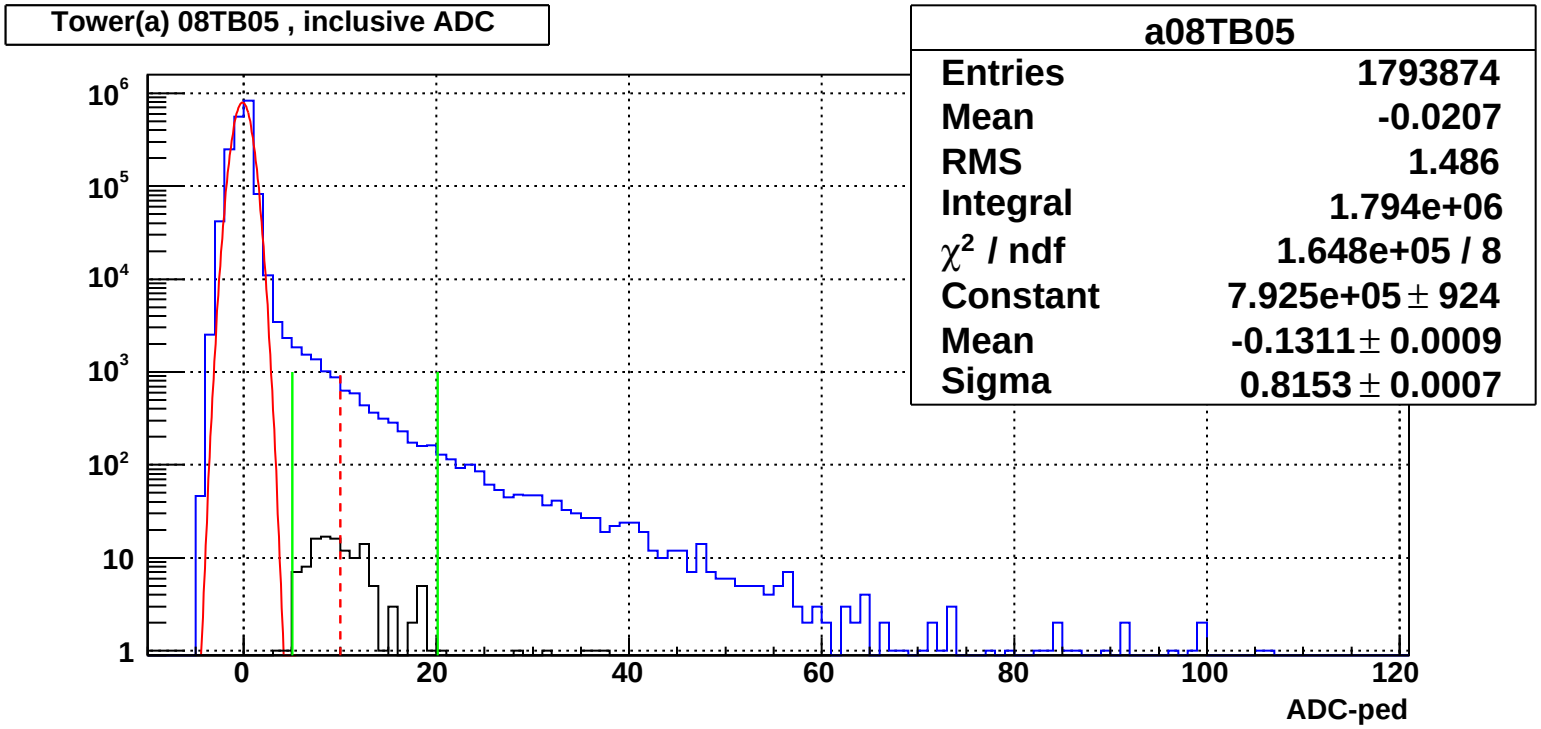

Tower(d) 07TD05 , ADC, tag: UxV 2*thr
d07TD05
Entries 185
Mean 11.55
RMS 6.38
Integral 185
χ² / ndf 14.62 / 15
x0 10.29 ± 0.23
aL 24.87 ± 2.53
sigL 2.677 ± 0.858
sigG 2.021 ± 0.169
ADC-ped

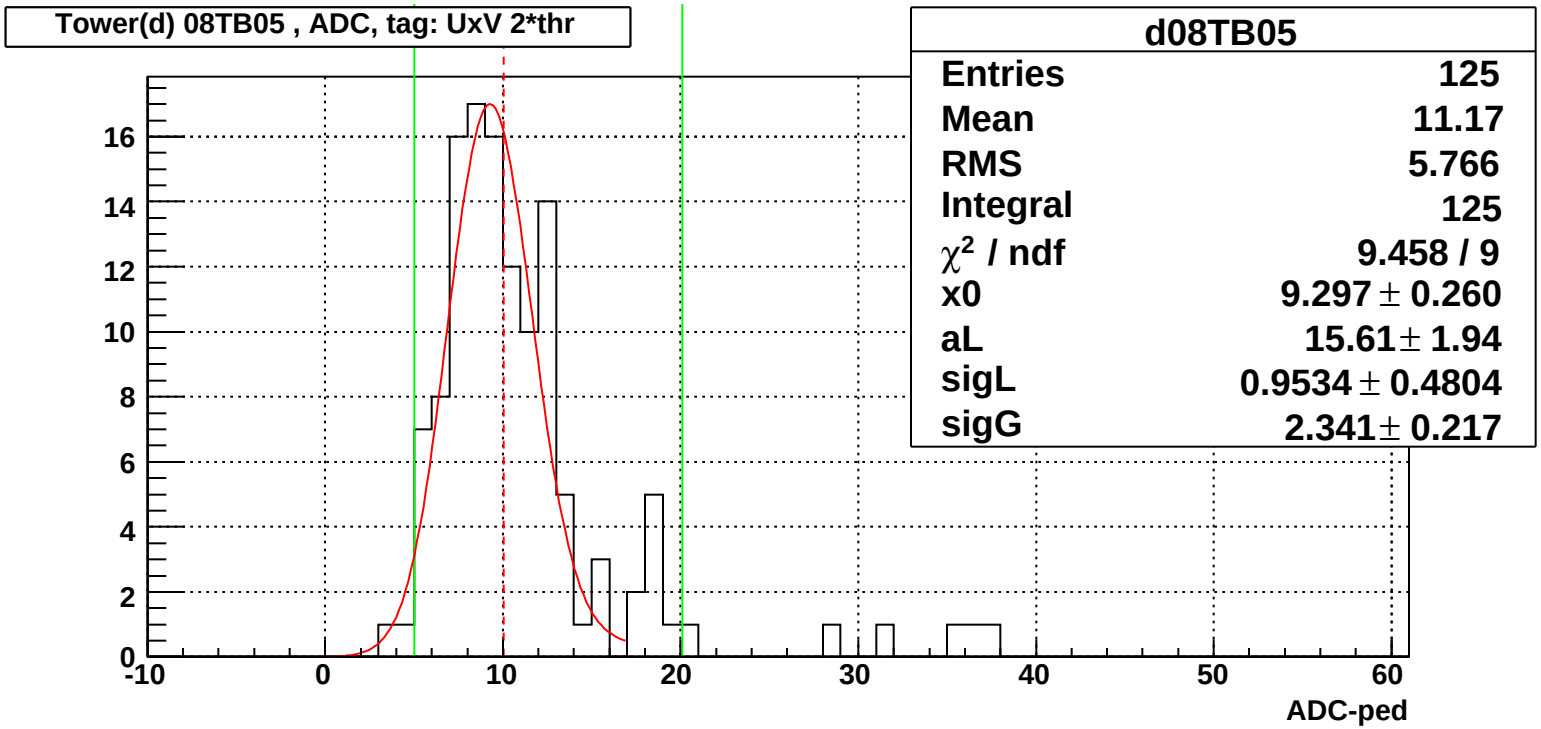

Tower(a) 07TE05 , inclusive ADC
a07TE05
Entries 1793874
Mean 0.3672
RMS 1.47
Integral 1.794e+06
χ² / ndf 9.445e+04 / 8
Constant 1.086e+06 ± 1593
Mean 0.3153 ± 0.0006
Sigma 0.6203 ± 0.0008
ADC-ped

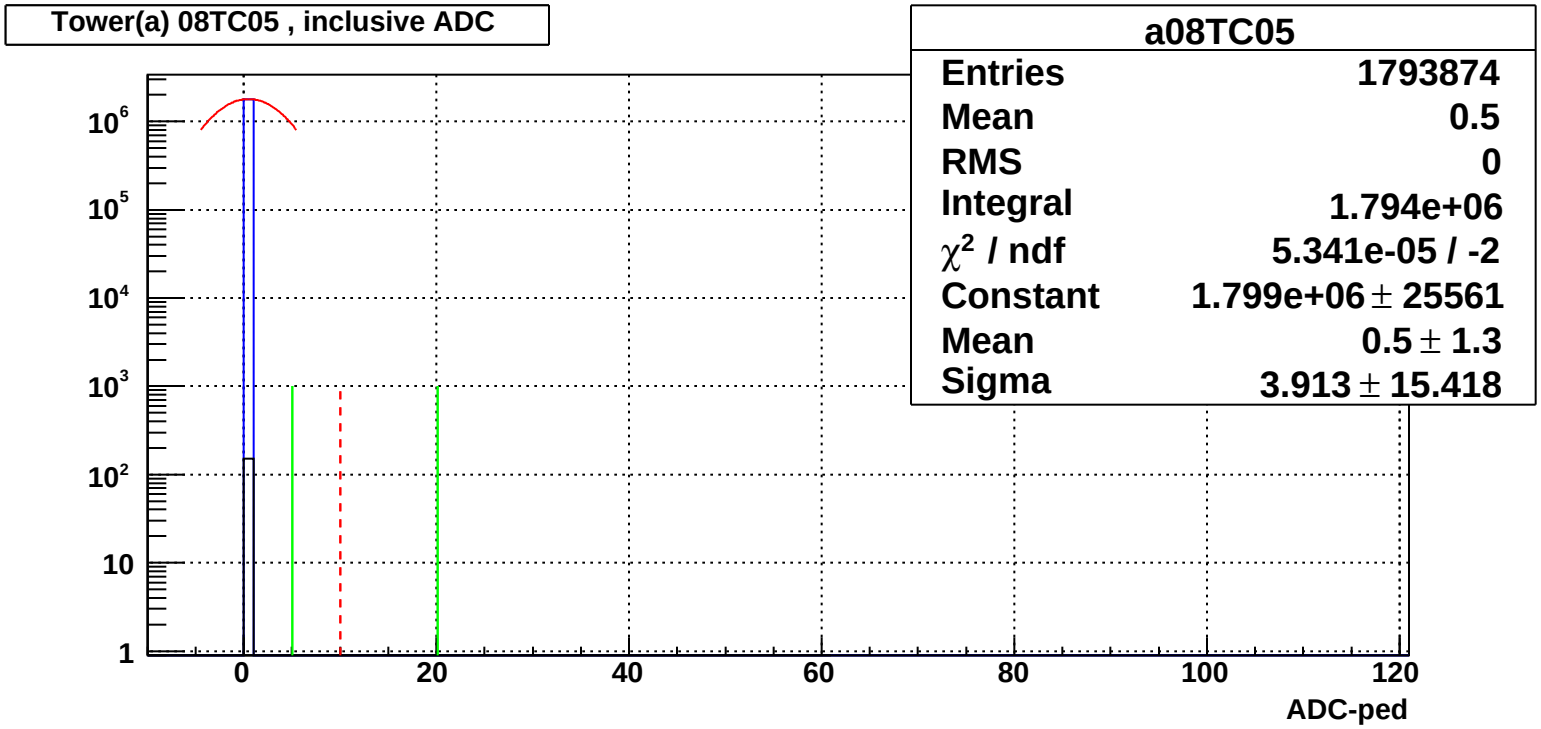

Tower(d) 07TE05 , ADC, tag: UxV 2*thr
d07TE05
Entries 153
Mean 13.25
RMS 7.373
Integral 153
χ² / ndf 16.37 / 14
x0 11.15 ± 0.28
aL 18.54 ± 2.64
sigL 6.979 ± 25.795
sigG 2.108 ± 0.265
ADC-ped

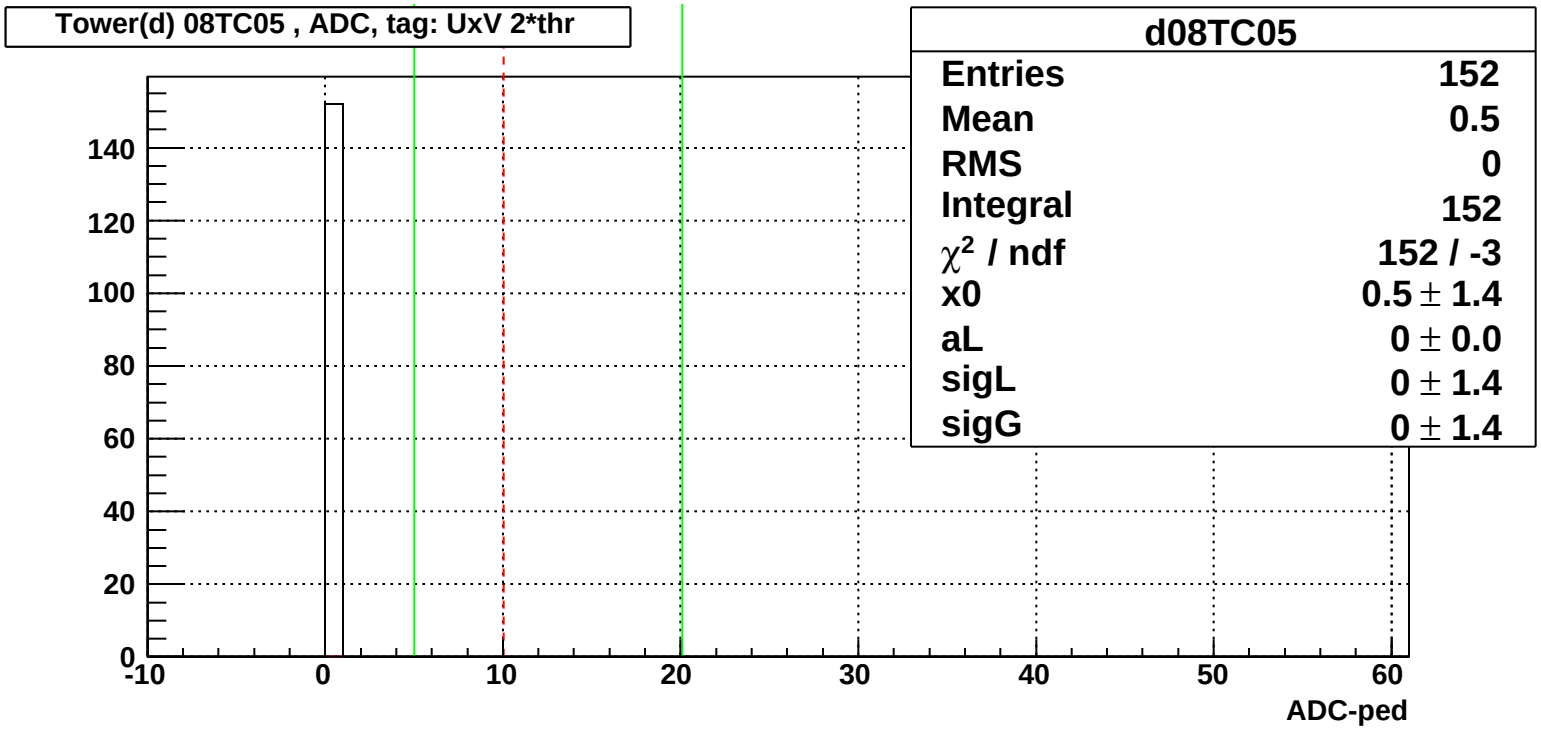

Tower(a) 08TA05 , inclusive ADC
a08TA05
Entries 1793874
Mean 0.273
RMS 1.422
Integral 1.794e+06
χ² / ndf 1.703e+05 / 8
Constant 1.08e+06 ± 1845
Mean 0.2966 ± 0.0006
Sigma 0.5961 ± 0.0009
ADC-ped

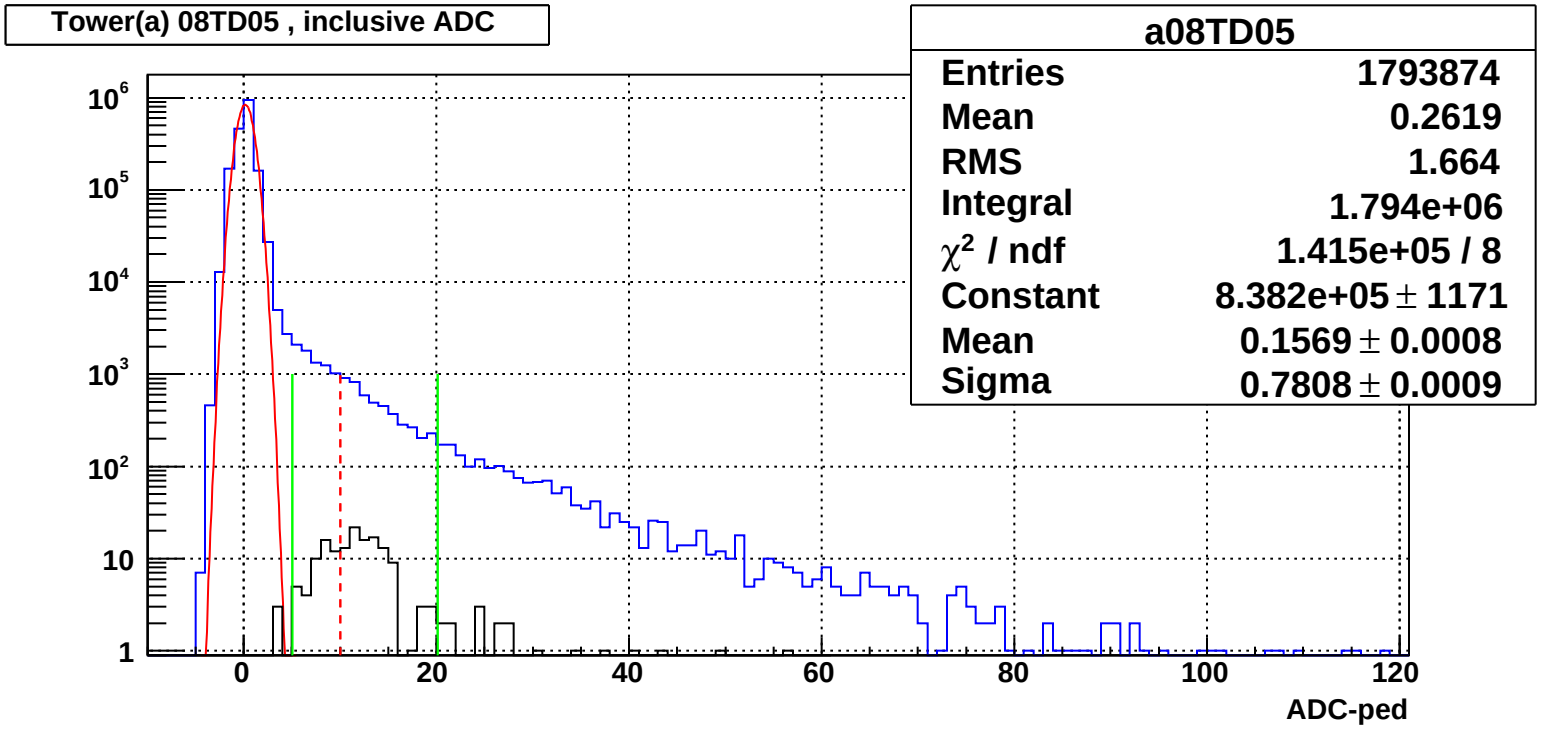

Tower(d) 08TA05 , ADC, tag: UxV 2*thr
d08TA05
Entries 242
Mean 10.21
RMS 6.149
Integral 242
χ² / ndf 29.54 / 13
x0 9.284 ± 0.353
aL 18.93 ± 2.24
sigL 2.739 ± 1.895
sigG 3.589 ± 0.528
ADC-ped

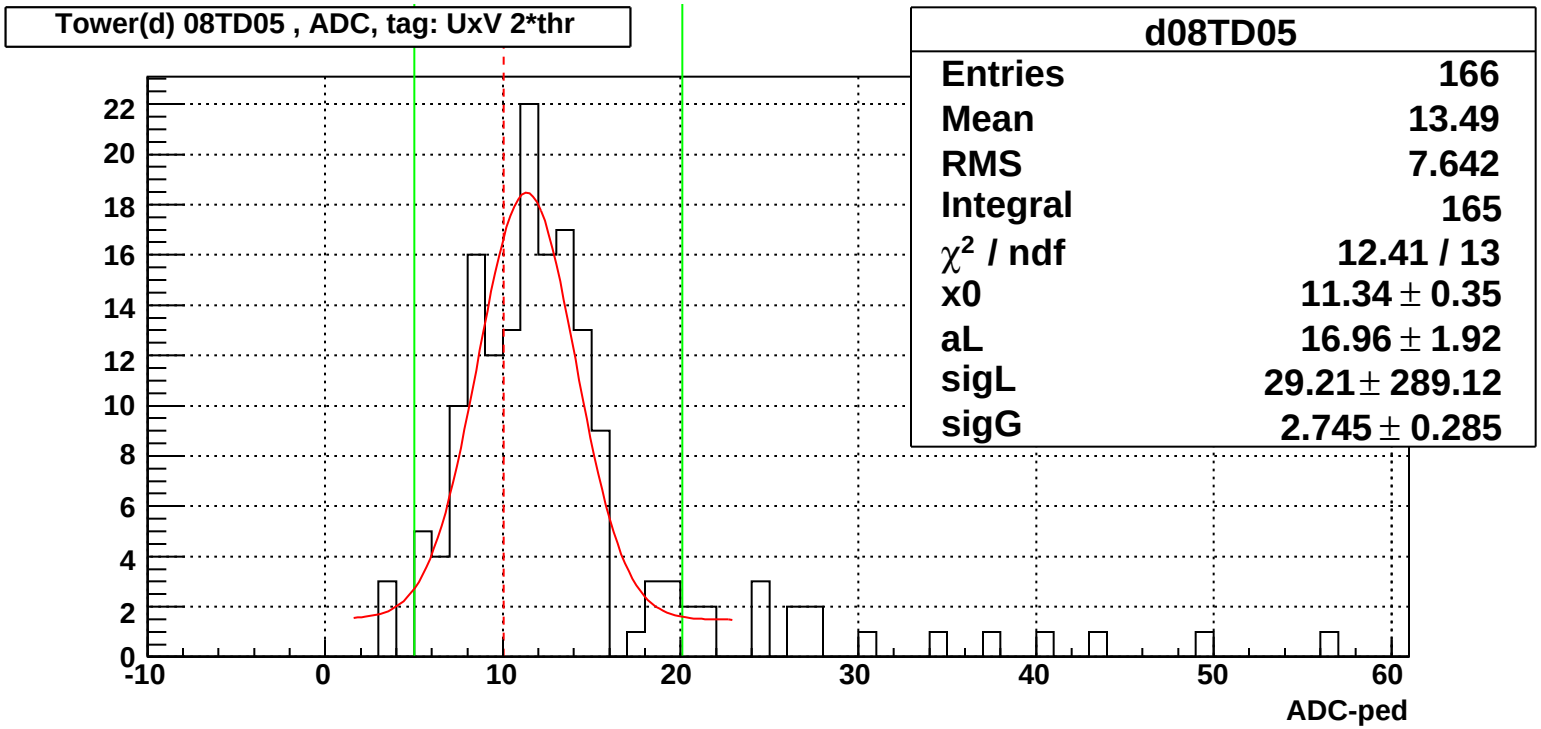

Tower(a) 08TB05 , inclusive ADC
a08TB05
Entries 1793874
Mean -0.0207
RMS 1.486
Integral 1.794e+06
χ² / ndf 1.648e+05 / 8
Constant 7.925e+05 ± 924
Mean -0.1311 ± 0.0009
Sigma 0.8153 ± 0.0007
ADC-ped

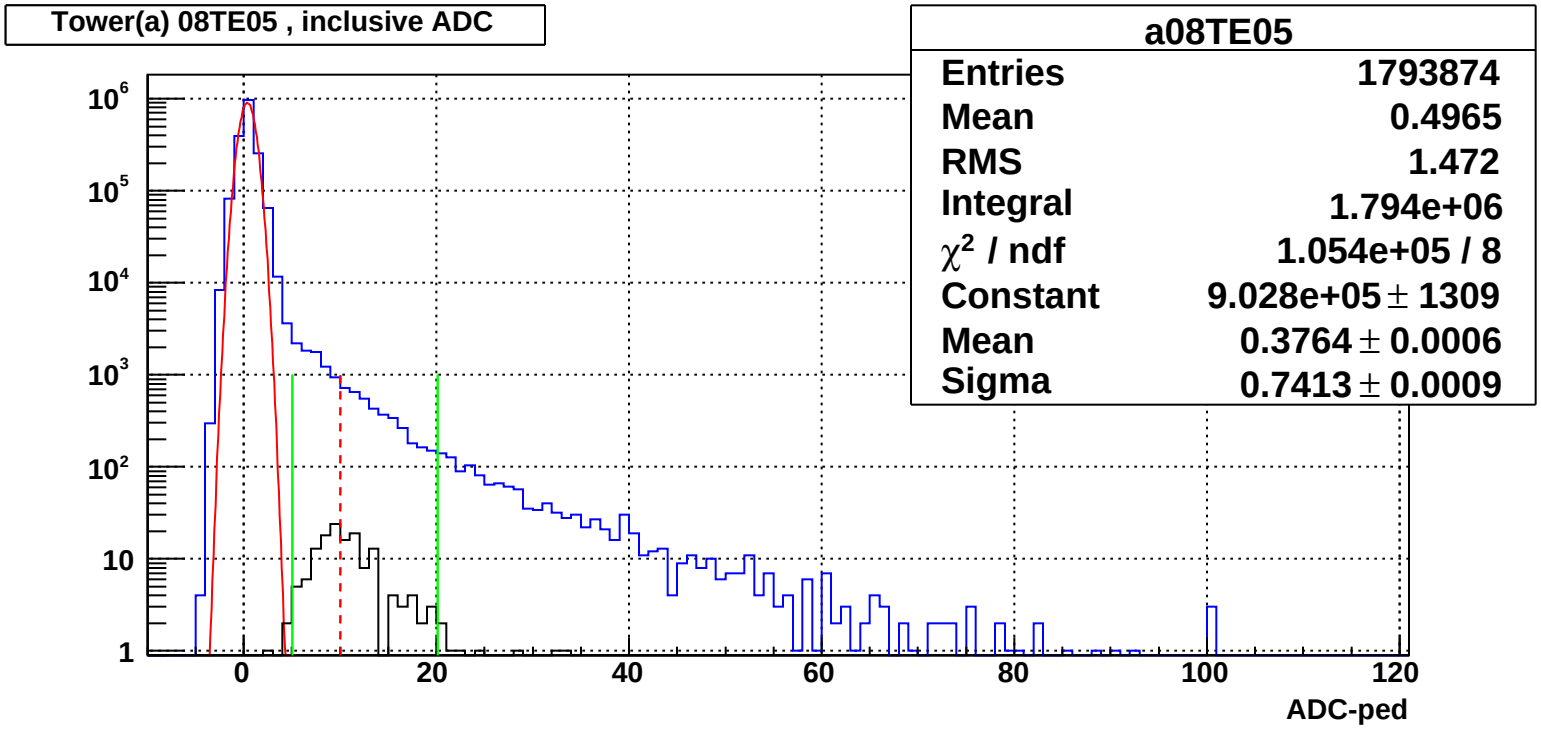

Tower(d) 08TB05 , ADC, tag: UxV 2*thr
d08TB05
Entries 125
Mean 11.17
RMS 5.766
Integral 125
χ² / ndf 9.458 / 9
x0 9.297 ± 0.260
aL 15.61 ± 1.94
sigL 0.9534 ± 0.4804
sigG 2.341 ± 0.217
ADC-ped

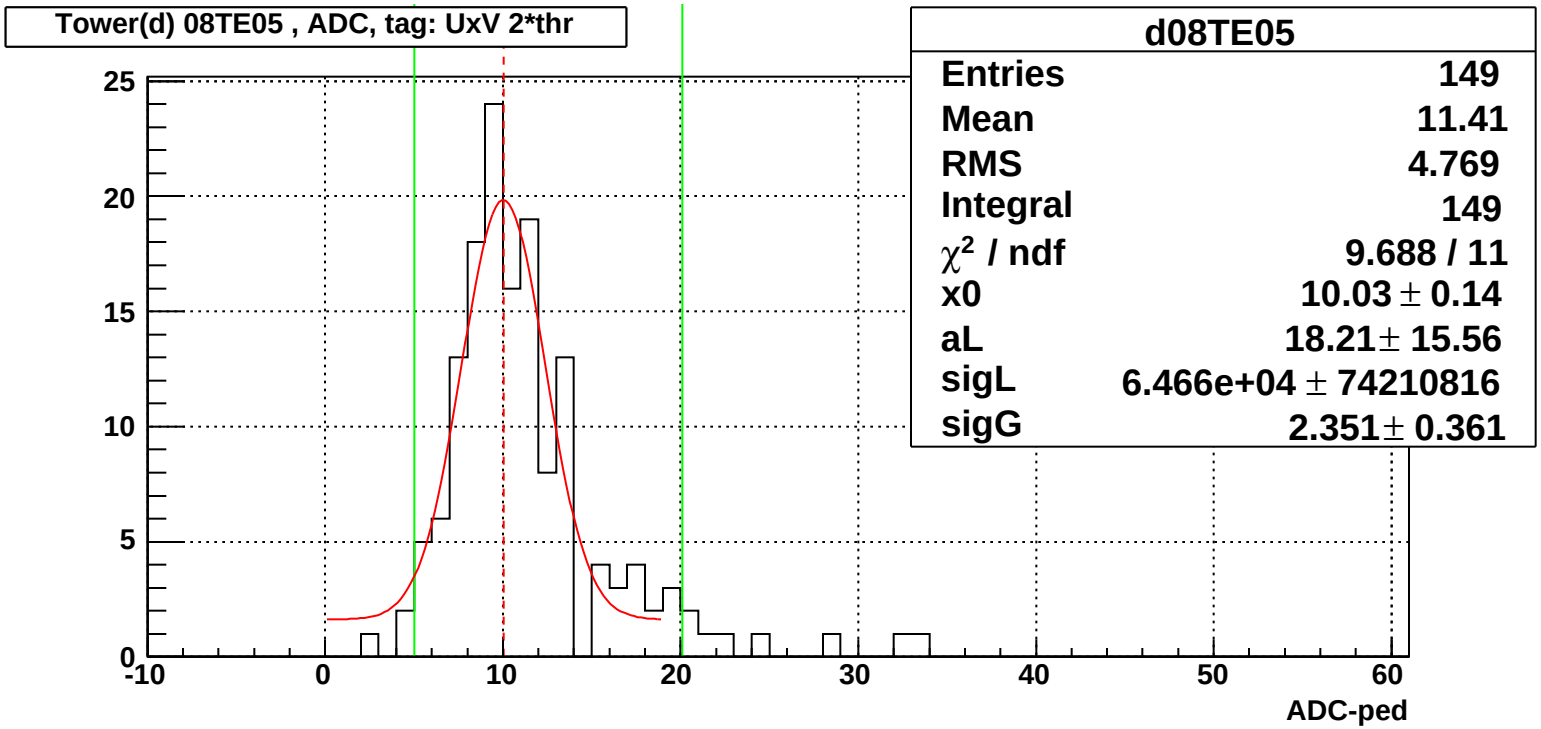

Tower(a) 08TC05 , inclusive ADC
a08TC05
Entries 1793874
Mean 0.5
RMS 0
Integral 1.794e+06
χ² / ndf 5.341e-05 / -2
Constant 1.799e+06 ± 25561
Mean 0.5 ± 1.3
Sigma 3.913 ± 15.418
ADC-ped

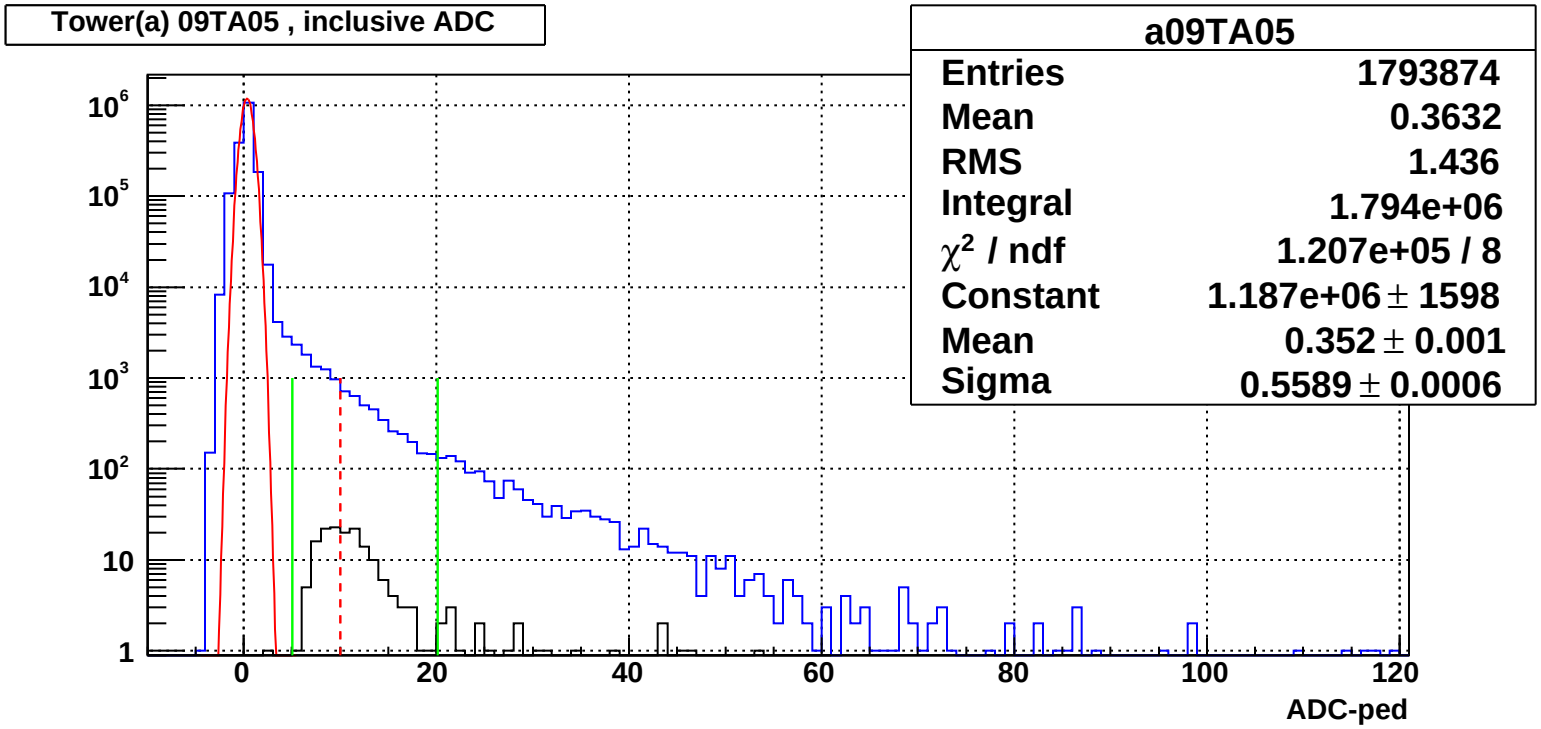

Tower(d) 08TC05 , ADC, tag: UxV 2*thr
d08TC05
Entries 152
Mean 0.5
RMS 0
Integral 152
χ² / ndf 152 / -3
x0 0.5 ± 1.4
aL 0 ± 0.0
sigL 0 ± 1.4
sigG 0 ± 1.4
ADC-ped

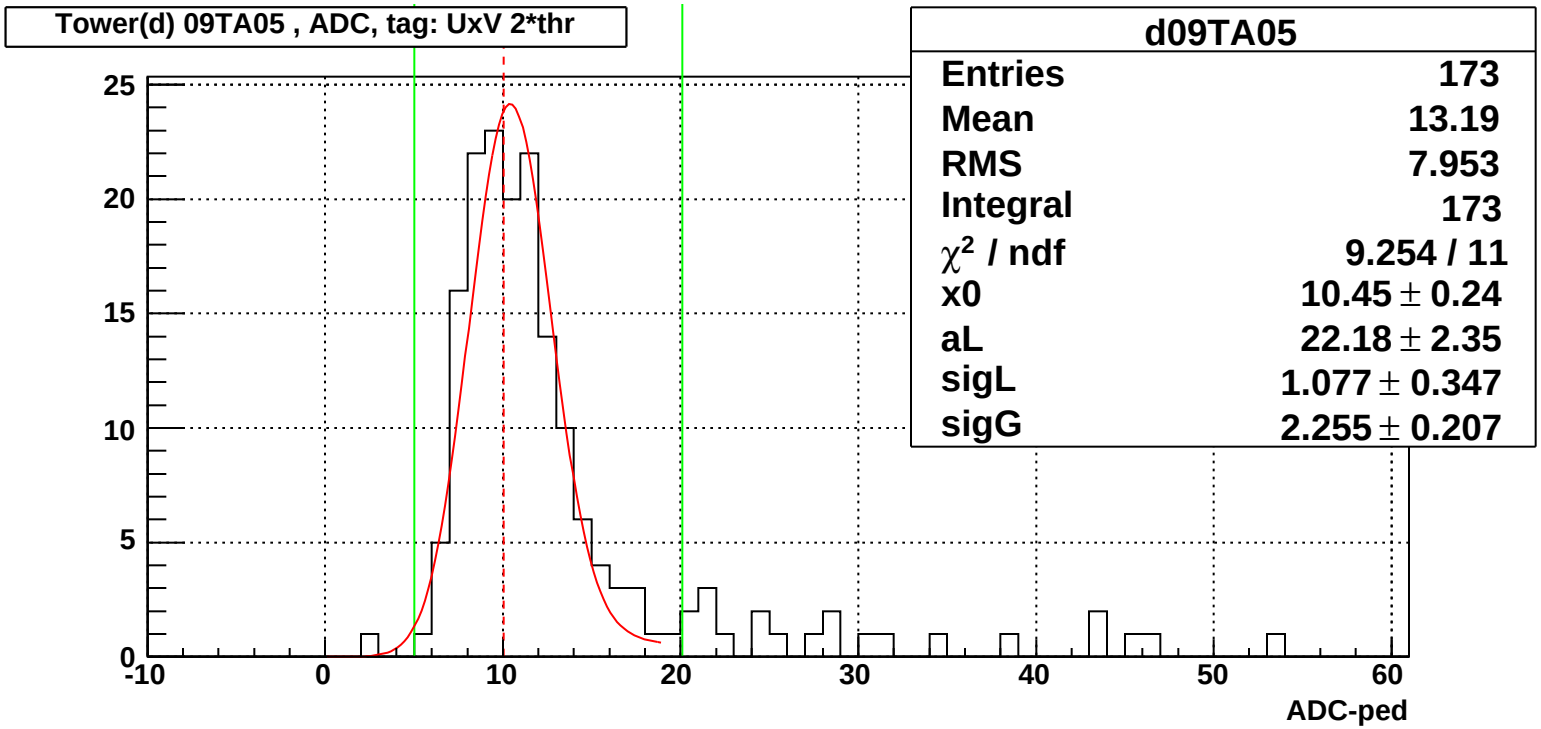

Tower(a) 08TD05 , inclusive ADC
a08TD05
Entries 1793874
Mean 0.2619
RMS 1.664
Integral 1.794e+06
χ² / ndf 1.415e+05 / 8
Constant 8.382e+05 ± 1171
Mean 0.1569 ± 0.0008
Sigma 0.7808 ± 0.0009
ADC-ped

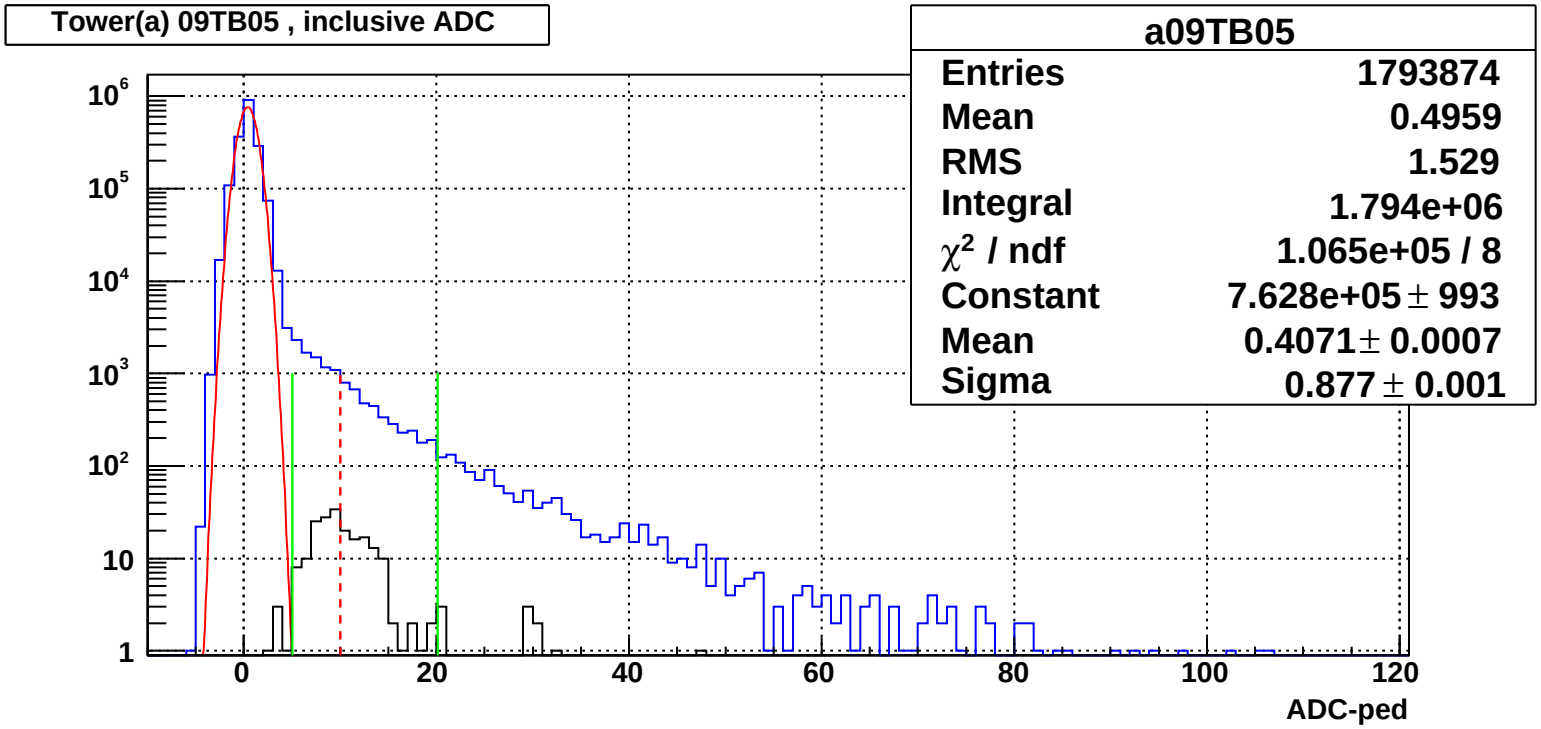

Tower(d) 08TD05 , ADC, tag: UxV 2*thr
d08TD05
Entries 166
Mean 13.49
RMS 7.642
Integral 165
χ² / ndf 12.41 / 13
x0 11.34 ± 0.35
aL 16.96 ± 1.92
sigL 29.21 ± 289.12
sigG 2.745 ± 0.285
ADC-ped

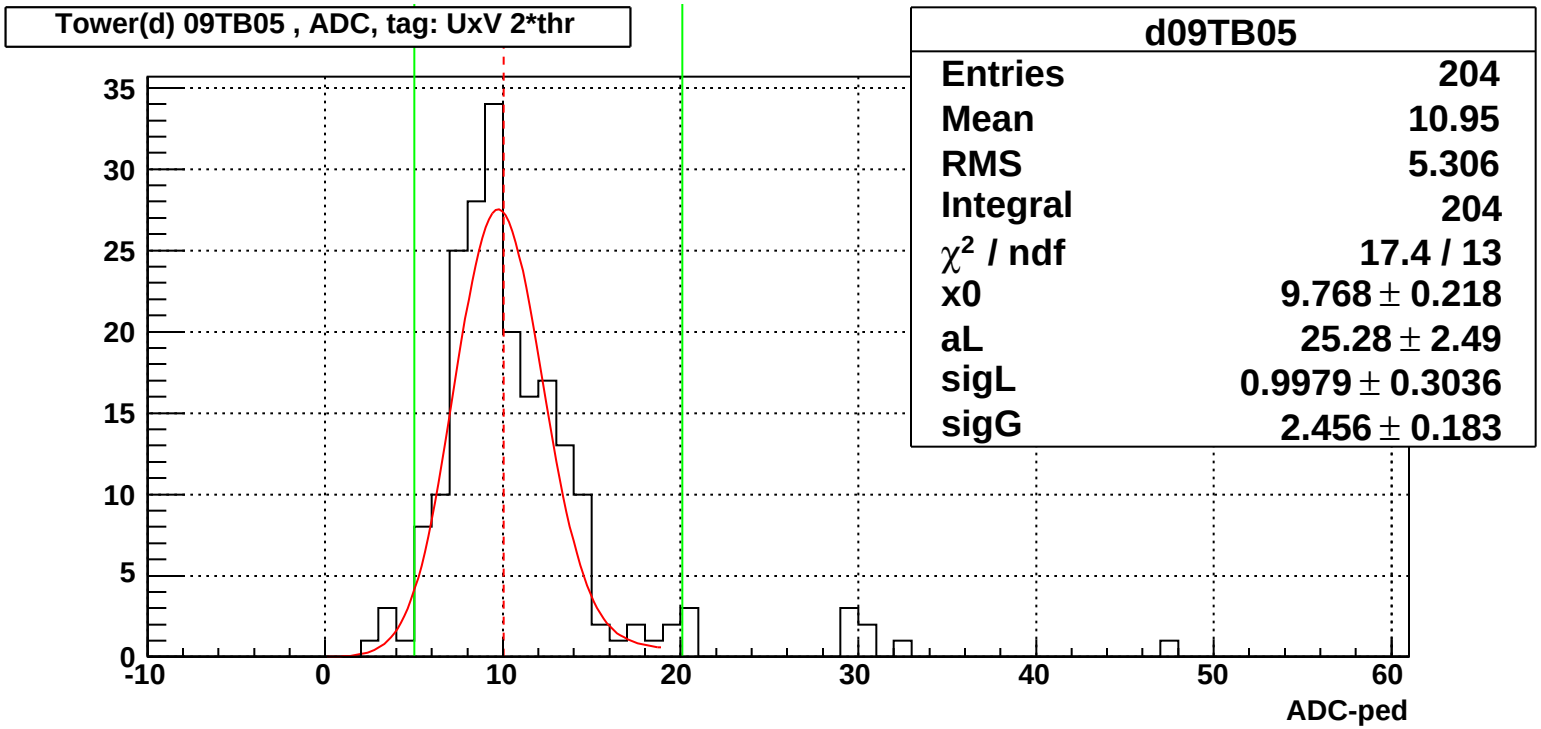

Tower(a) 08TE05 , inclusive ADC
a08TE05
Entries 1793874
Mean 0.4965
RMS 1.472
Integral 1.794e+06
χ² / ndf 1.054e+05 / 8
Constant 9.028e+05 ± 1309
Mean 0.3764 ± 0.0006
Sigma 0.7413 ± 0.0009
ADC-ped

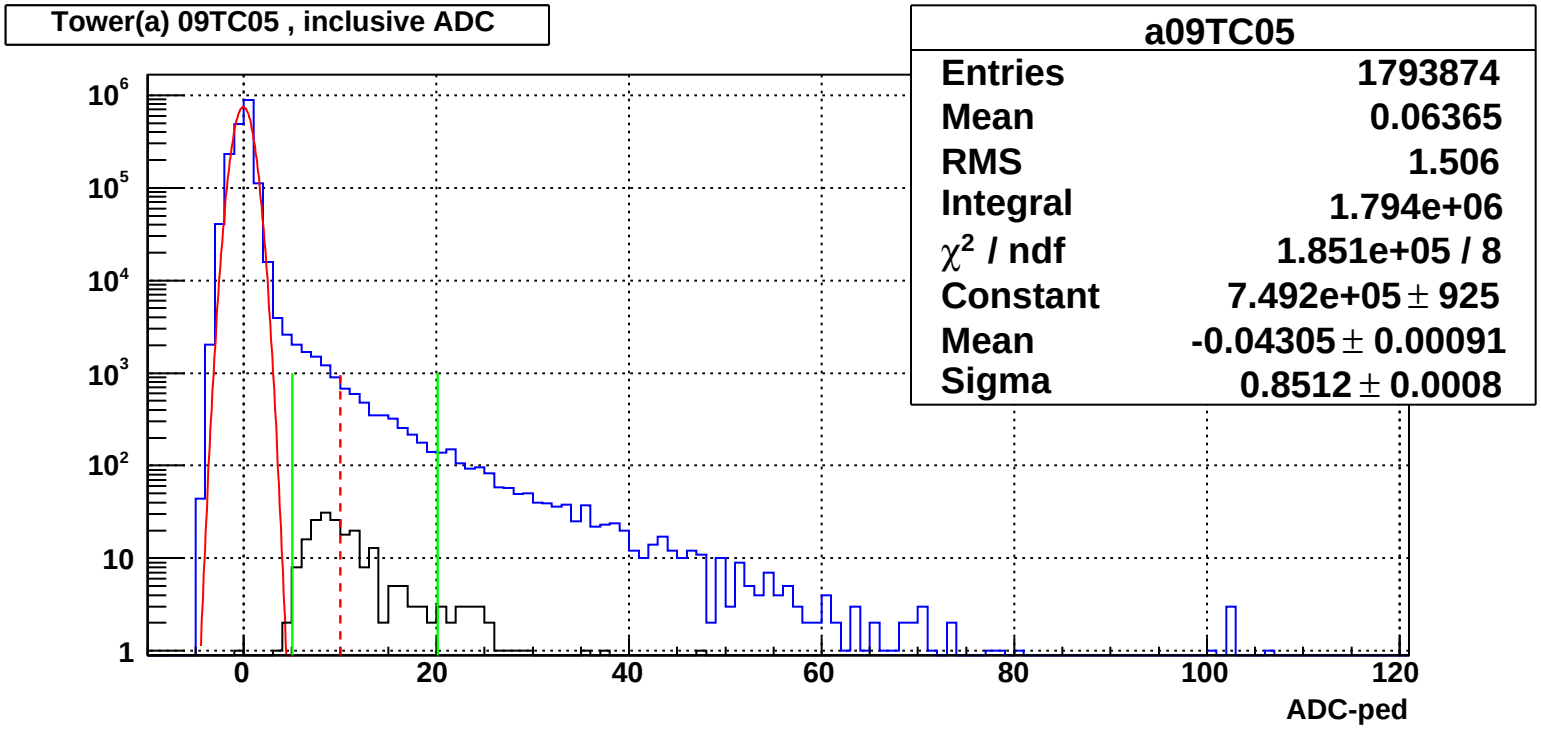

Tower(d) 08TE05 , ADC, tag: UxV 2*thr
d08TE05
Entries 149
Mean 11.41
RMS 4.769
Integral 149
χ² / ndf 9.688 / 11
x0 10.03 ± 0.14
aL 18.21 ± 15.56
sigL 6.466e+04 ± 74210816
sigG 2.351 ± 0.361
ADC-ped

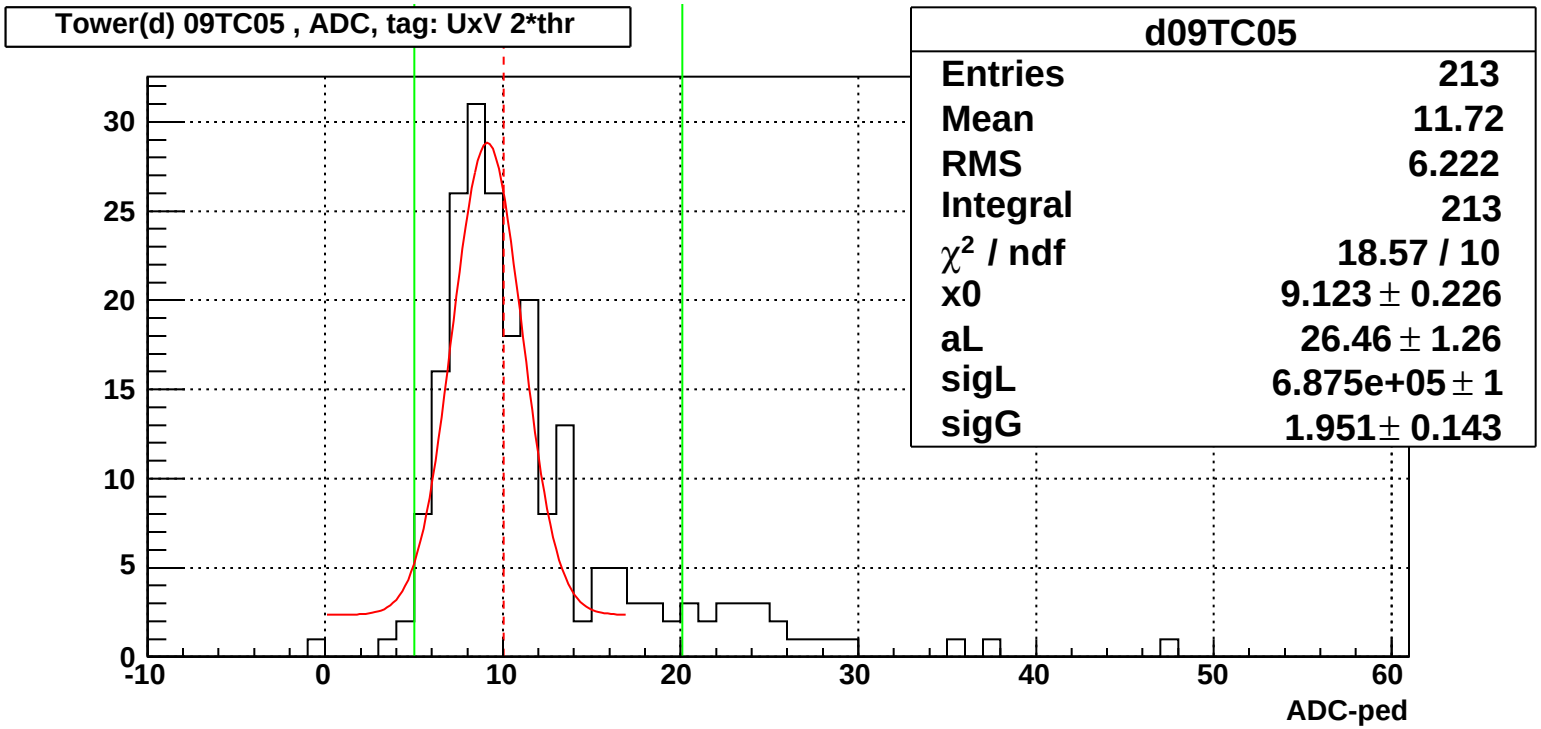

Tower(a) 09TA05 , inclusive ADC
a09TA05
Entries 1793874
Mean 0.3632
RMS 1.436
Integral 1.794e+06
χ² / ndf 1.207e+05 / 8
Constant 1.187e+06 ± 1598
Mean 0.352 ± 0.001
Sigma 0.5589 ± 0.0006
ADC-ped

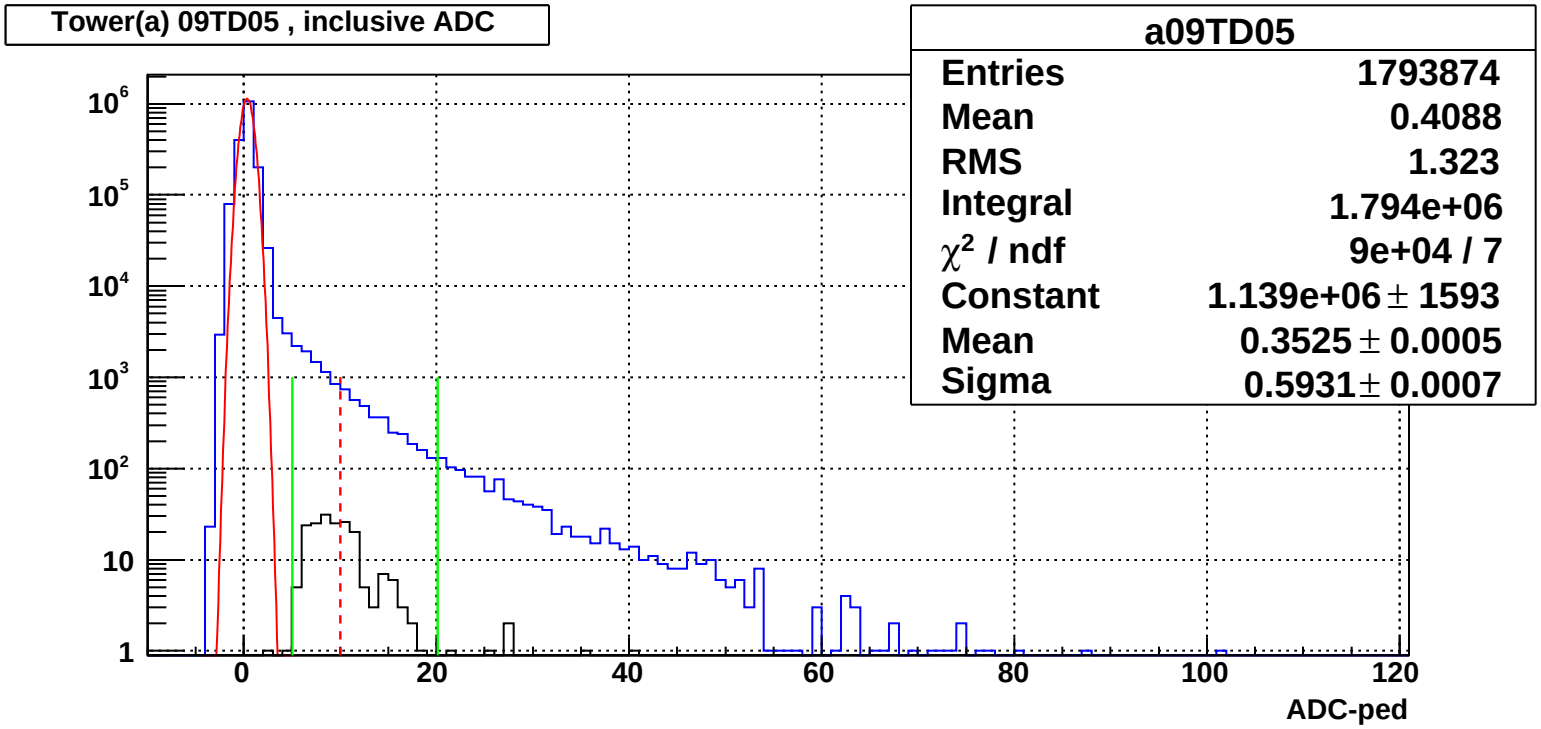

Tower(d) 09TA05 , ADC, tag: UxV 2*thr
d09TA05
Entries 173
Mean 13.19
RMS 7.953
Integral 173
χ² / ndf 9.254 / 11
x0 10.45 ± 0.24
aL 22.18 ± 2.35
sigL 1.077 ± 0.347
sigG 2.255 ± 0.207
ADC-ped

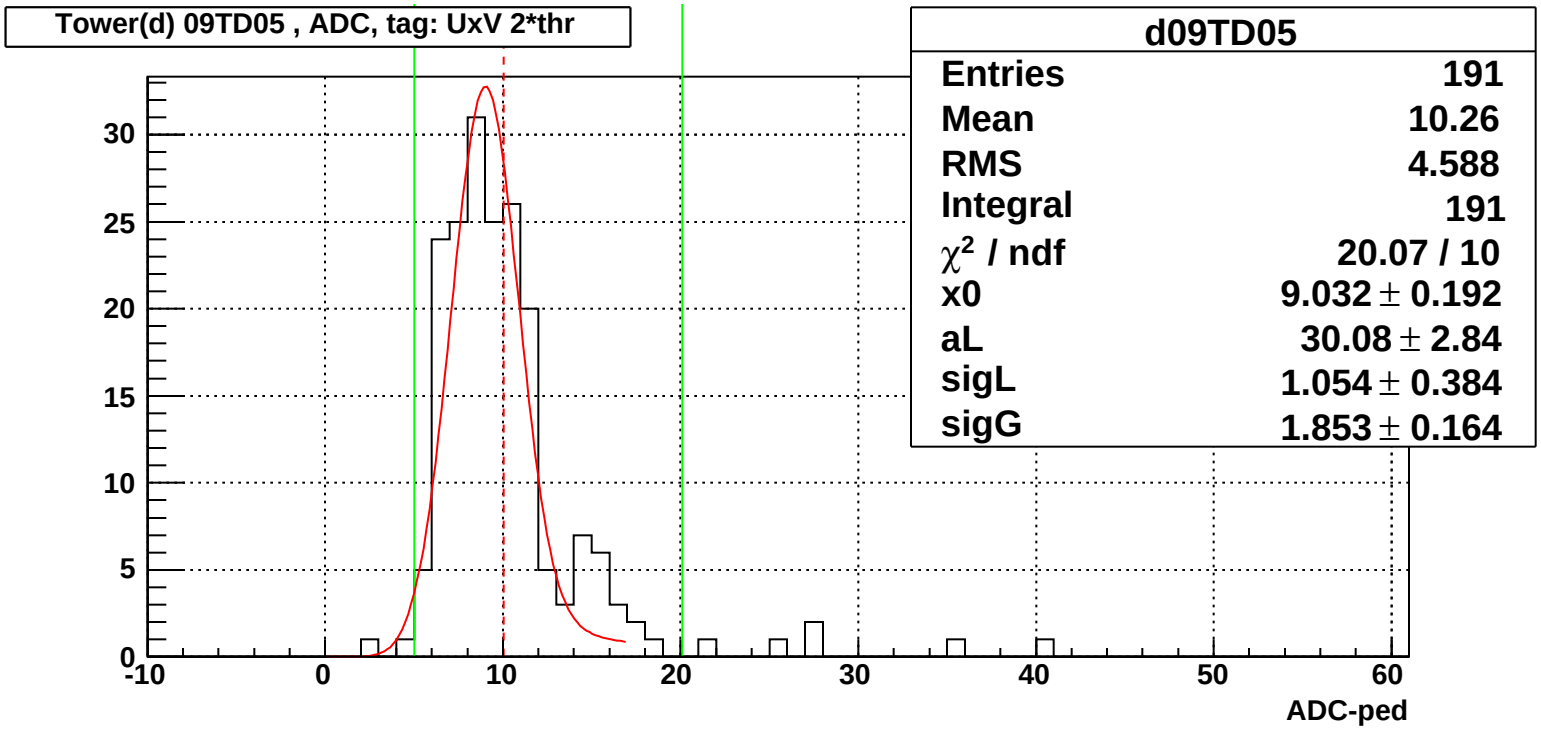

Tower(a) 09TB05 , inclusive ADC
a09TB05
Entries 1793874
Mean 0.4959
RMS 1.529
Integral 1.794e+06
χ² / ndf 1.065e+05 / 8
Constant 7.628e+05 ± 993
Mean 0.4071 ± 0.0007
Sigma 0.877 ± 0.001
ADC-ped

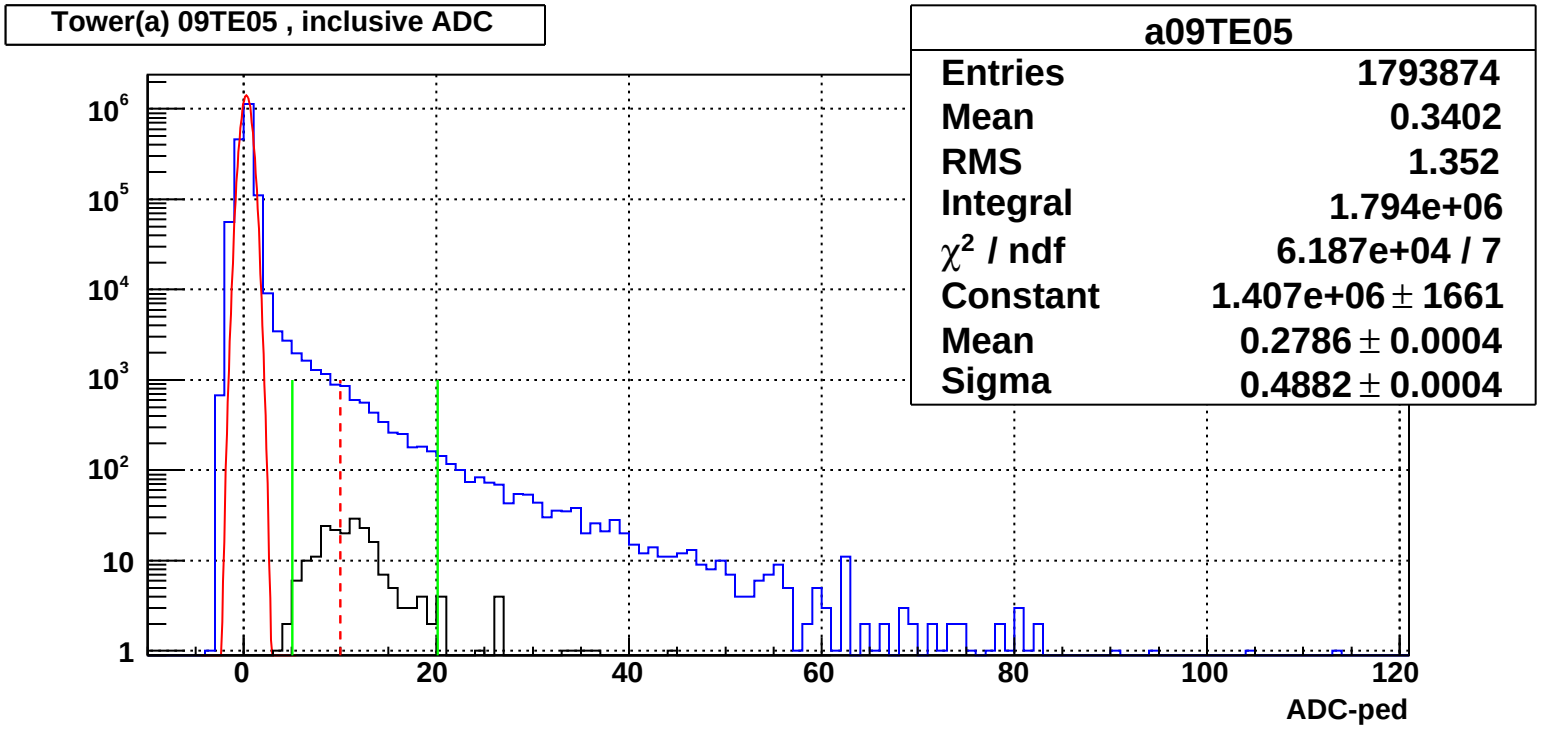

Tower(d) 09TB05 , ADC, tag: UxV 2*thr
d09TB05
Entries 204
Mean 10.95
RMS 5.306
Integral 204
χ² / ndf 17.4 / 13
x0 9.768 ± 0.218
aL 25.28 ± 2.49
sigL 0.9979 ± 0.3036
sigG 2.456 ± 0.183
ADC-ped

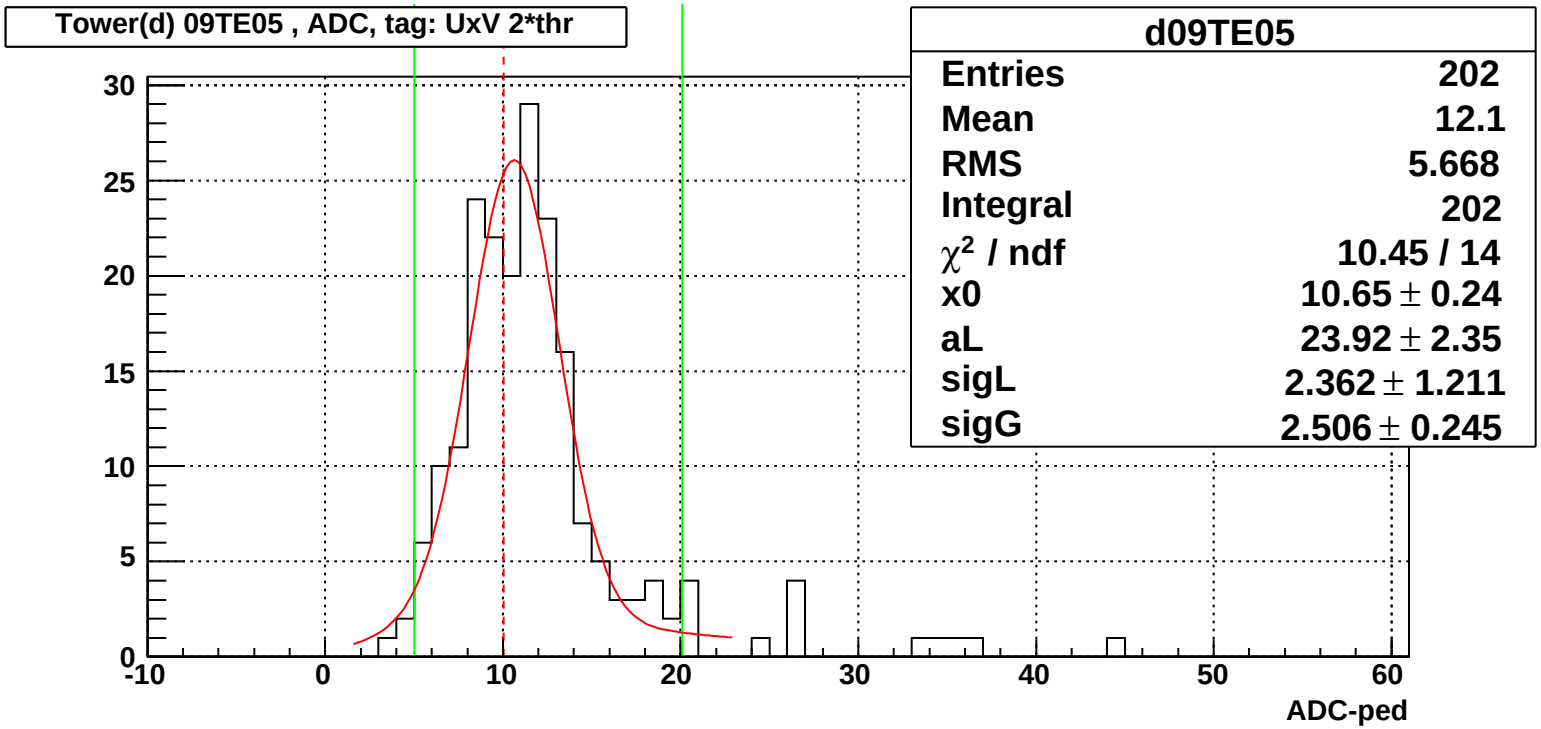

Tower(a) 09TC05 , inclusive ADC
a09TC05
Entries 1793874
Mean 0.06365
RMS 1.506
Integral 1.794e+06
χ² / ndf 1.851e+05 / 8
Constant 7.492e+05 ± 925
Mean -0.04305 ± 0.00091
Sigma 0.8512 ± 0.0008
ADC-ped

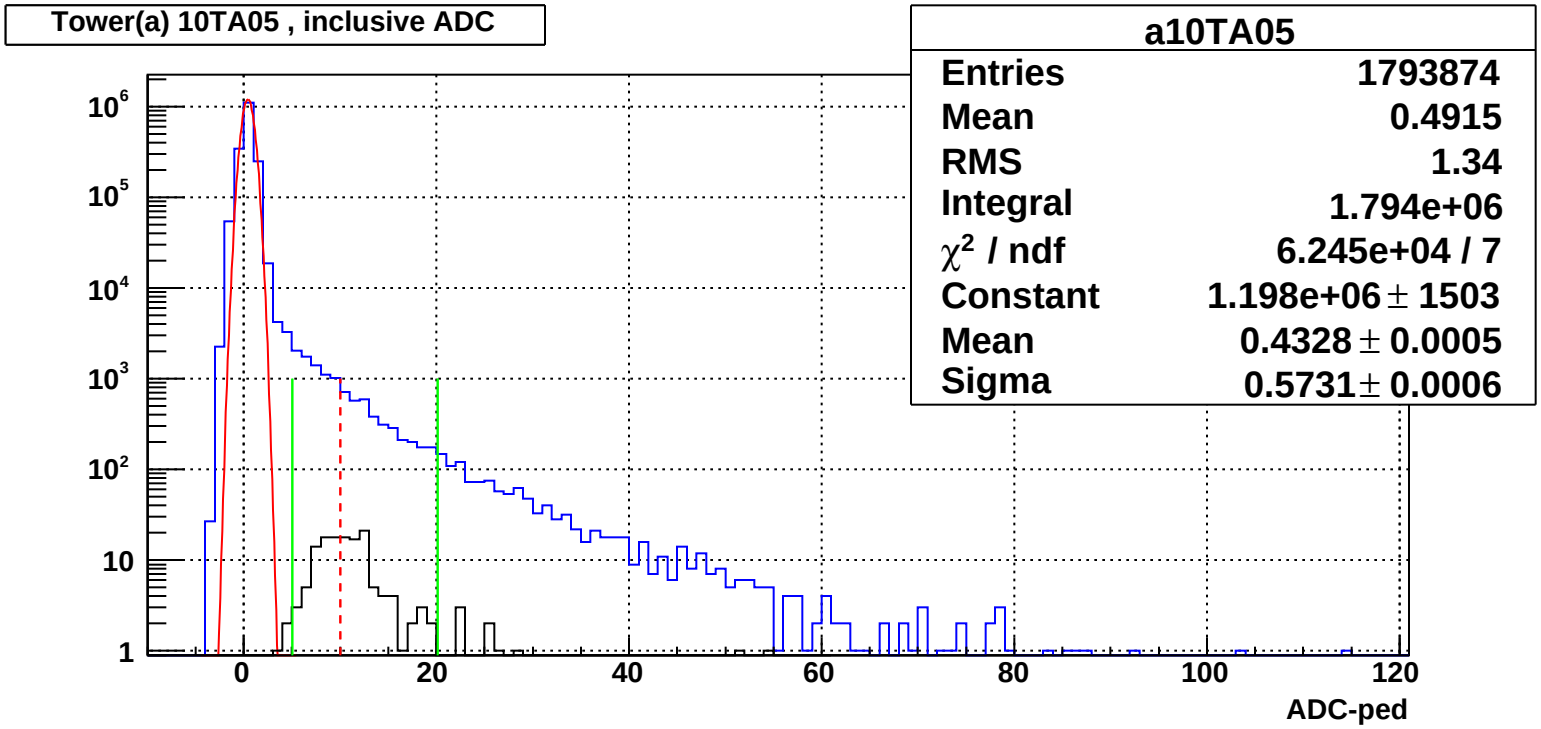

Tower(d) 09TC05 , ADC, tag: UxV 2*thr
d09TC05
Entries 213
Mean 11.72
RMS 6.222
Integral 213
χ² / ndf 18.57 / 10
x0 9.123 ± 0.226
aL 26.46 ± 1.26
sigL 6.875e+05 ± 1
sigG 1.951 ± 0.143
ADC-ped

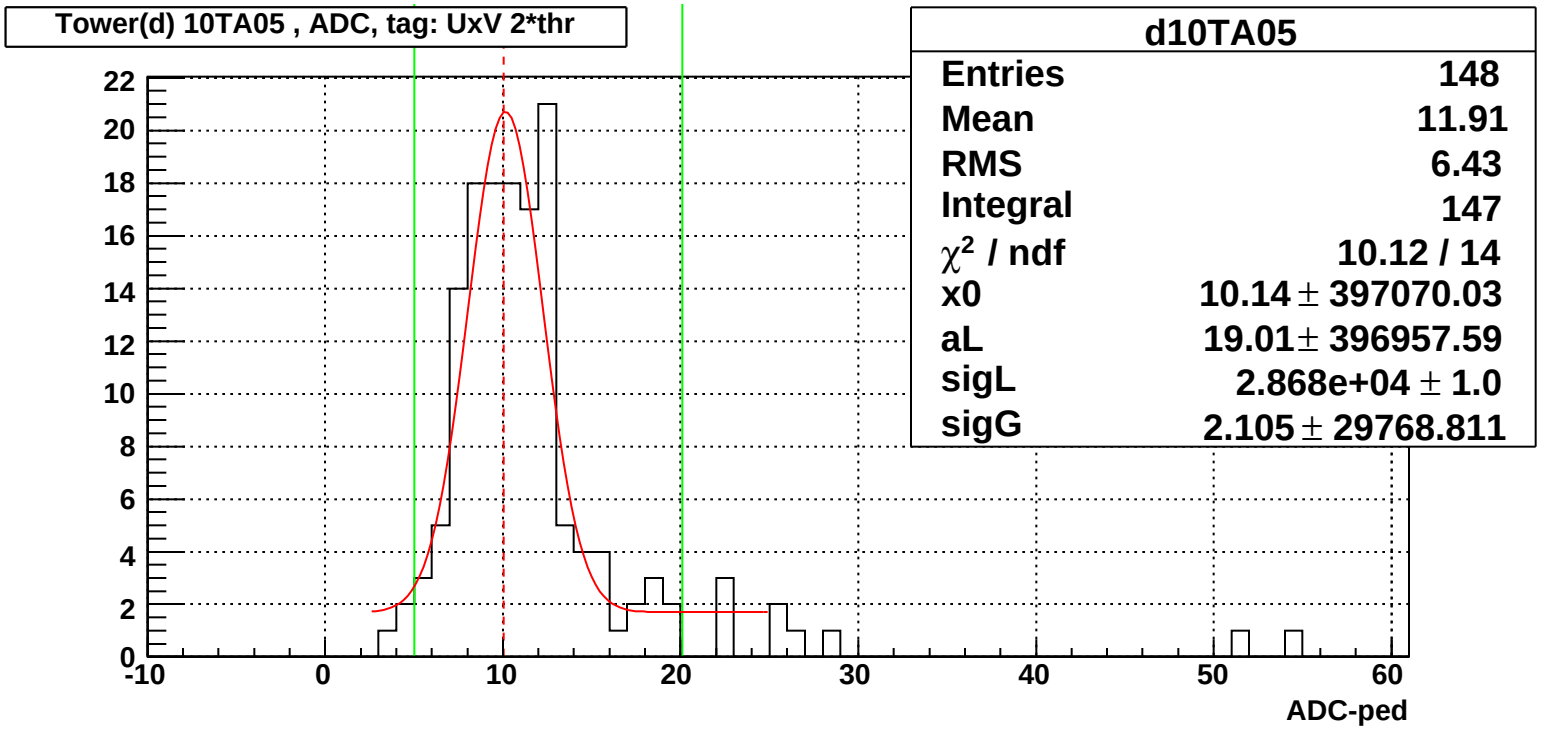

Tower(a) 09TD05 , inclusive ADC
a09TD05
Entries 1793874
Mean 0.4088
RMS 1.323
Integral 1.794e+06
χ² / ndf 9e+04 / 7
Constant 1.139e+06 ± 1593
Mean 0.3525 ± 0.0005
Sigma 0.5931 ± 0.0007
ADC-ped

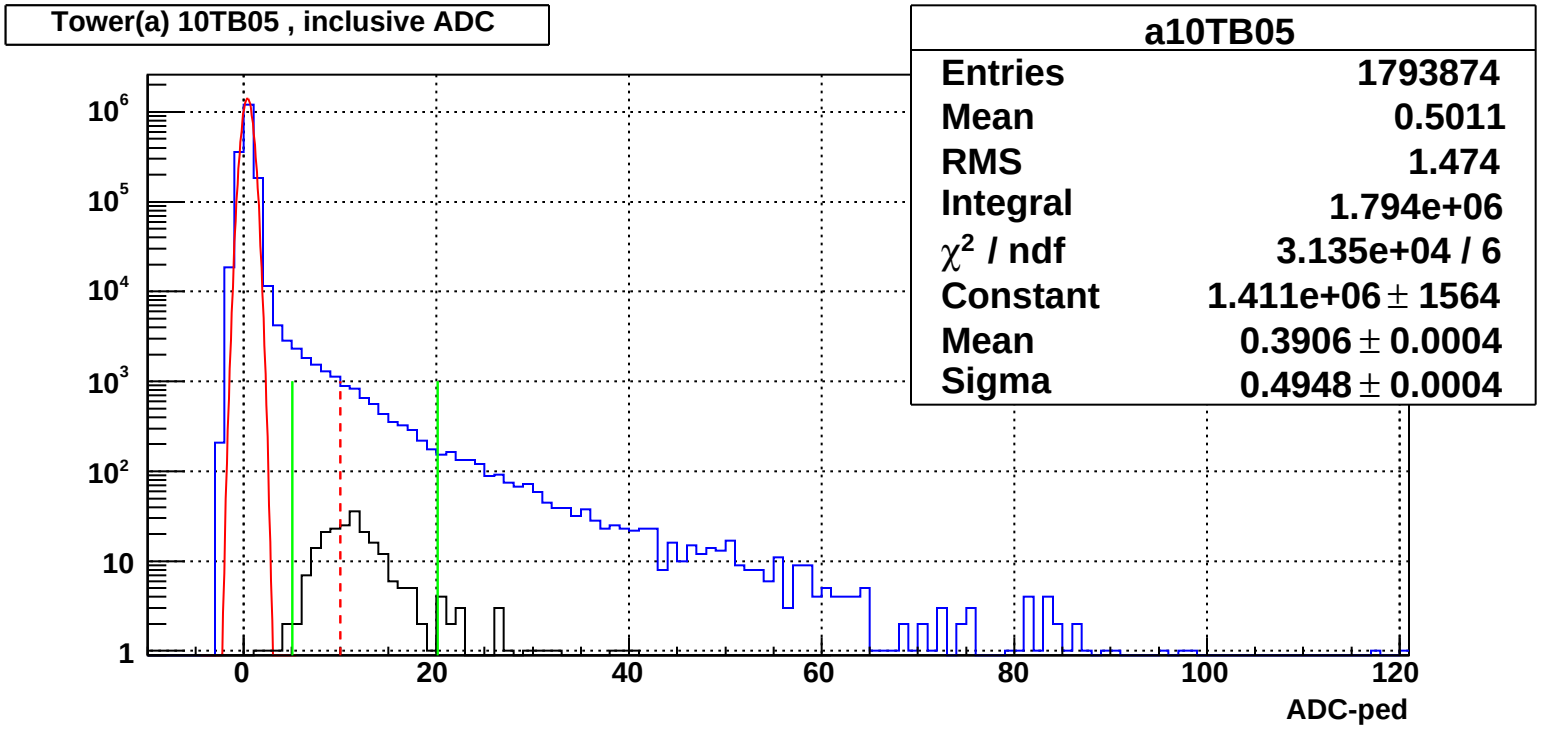

Tower(d) 09TD05 , ADC, tag: UxV 2*thr
d09TD05
Entries 191
Mean 10.26
RMS 4.588
Integral 191
χ² / ndf 20.07 / 10
x0 9.032 ± 0.192
aL 30.08 ± 2.84
sigL 1.054 ± 0.384
sigG 1.853 ± 0.164
ADC-ped

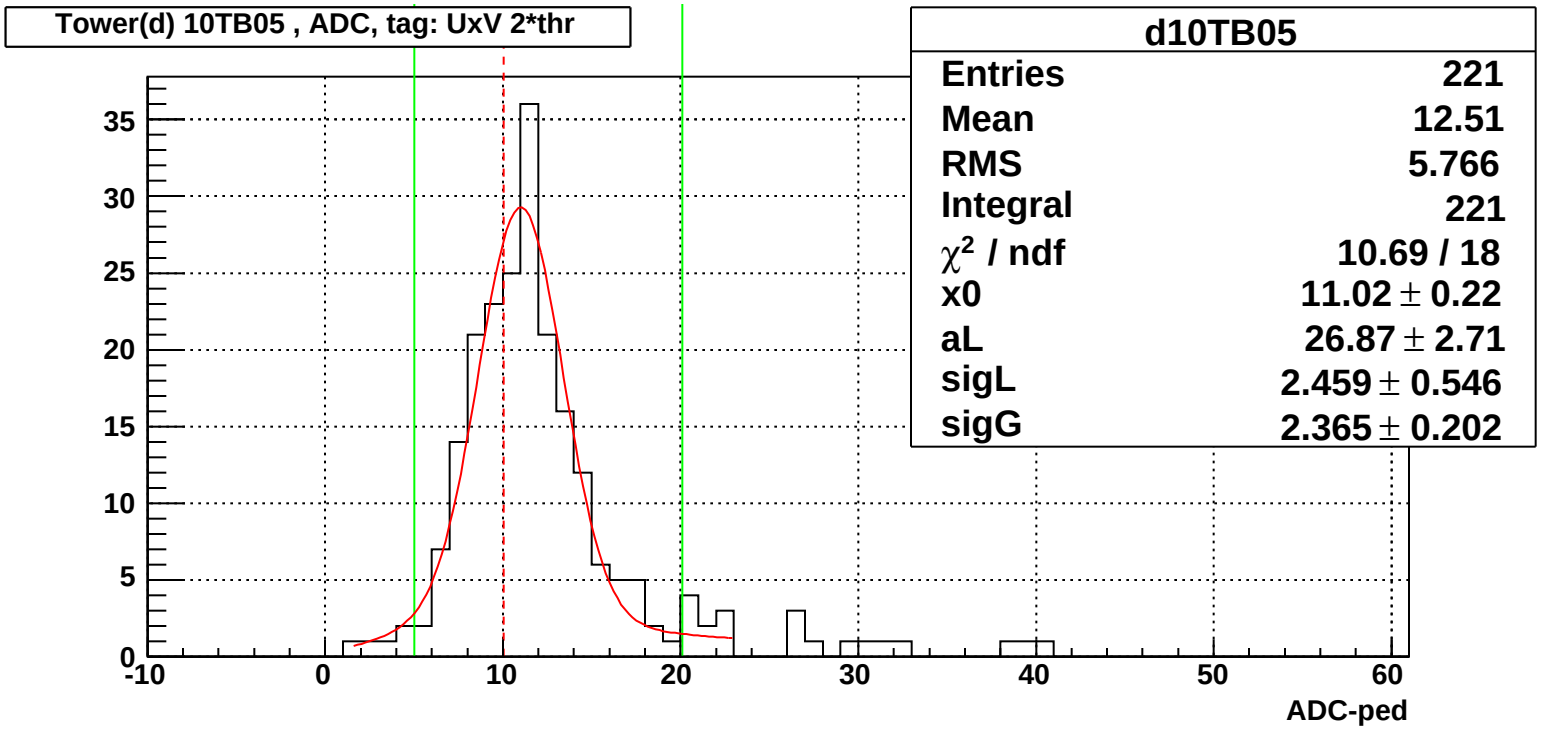

Tower(a) 09TE05 , inclusive ADC
a09TE05
Entries 1793874
Mean 0.3402
RMS 1.352
Integral 1.794e+06
χ² / ndf 6.187e+04 / 7
Constant 1.407e+06 ± 1661
Mean 0.2786 ± 0.0004
Sigma 0.4882 ± 0.0004
ADC-ped

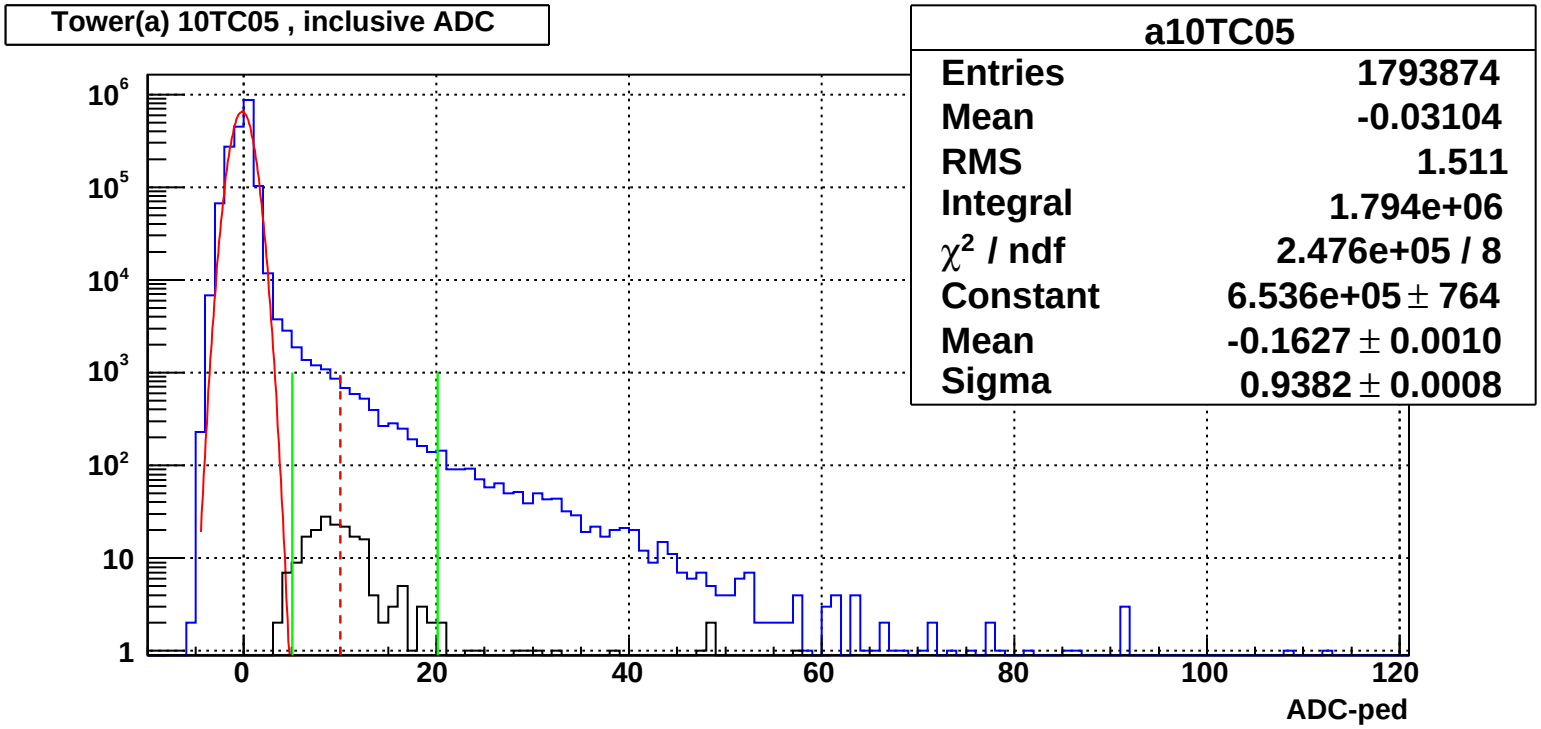

Tower(d) 09TE05 , ADC, tag: UxV 2*thr
d09TE05
Entries 202
Mean 12.1
RMS 5.668
Integral 202
χ² / ndf 10.45 / 14
x0 10.65 ± 0.24
aL 23.92 ± 2.35
sigL 2.362 ± 1.211
sigG 2.506 ± 0.245
ADC-ped

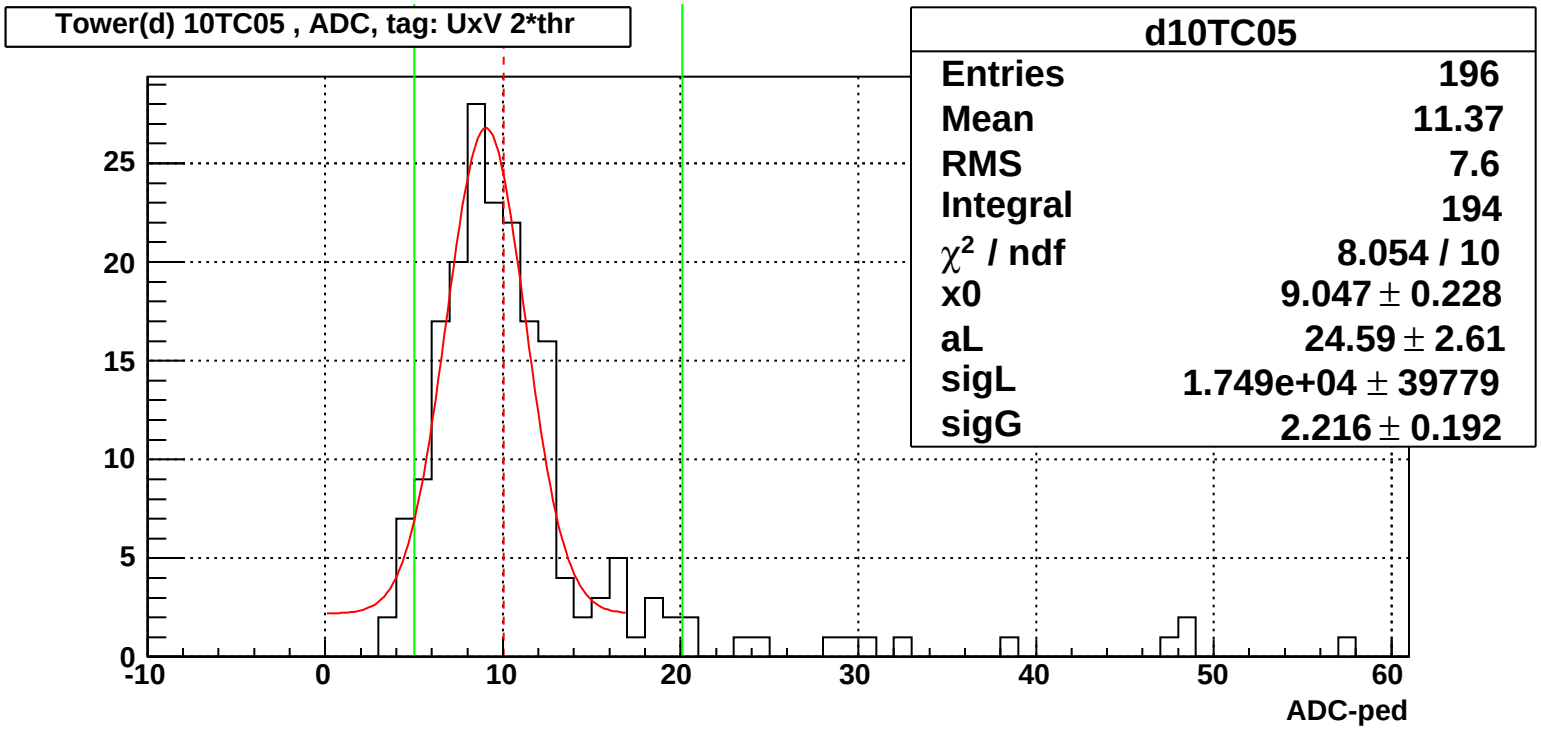

Tower(a) 10TA05 , inclusive ADC
a10TA05
Entries 1793874
Mean 0.4915
RMS 1.34
Integral 1.794e+06
χ² / ndf 6.245e+04 / 7
Constant 1.198e+06 ± 1503
Mean 0.4328 ± 0.0005
Sigma 0.5731 ± 0.0006
ADC-ped

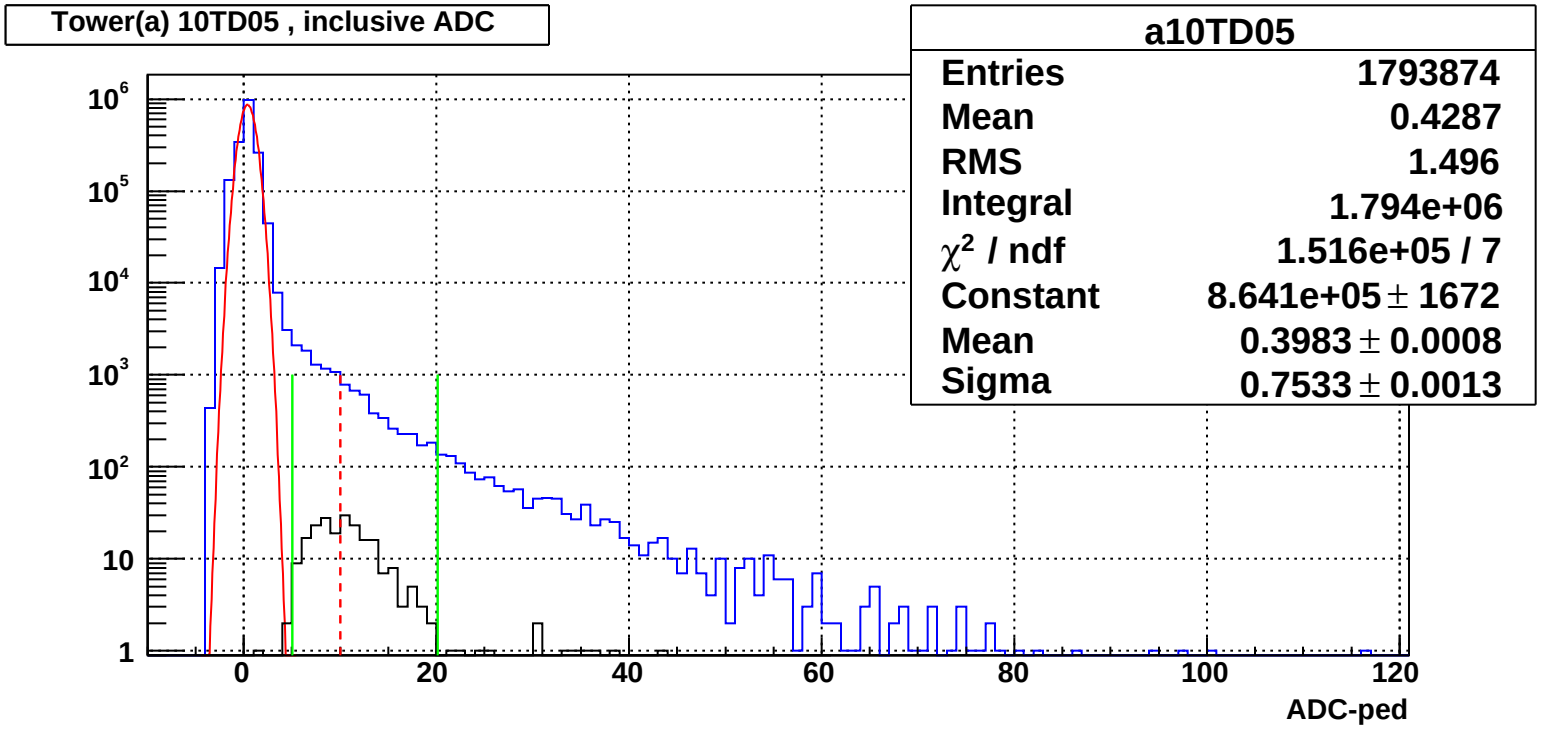

Tower(d) 10TA05 , ADC, tag: UxV 2*thr
d10TA05
Entries 148
Mean 11.91
RMS 6.43
Integral 147
χ² / ndf 10.12 / 14
x0 10.14 ± 397070.03
aL 19.01 ± 396957.59
sigL 2.868e+04 ± 1.0
sigG 2.105 ± 29768.811
ADC-ped

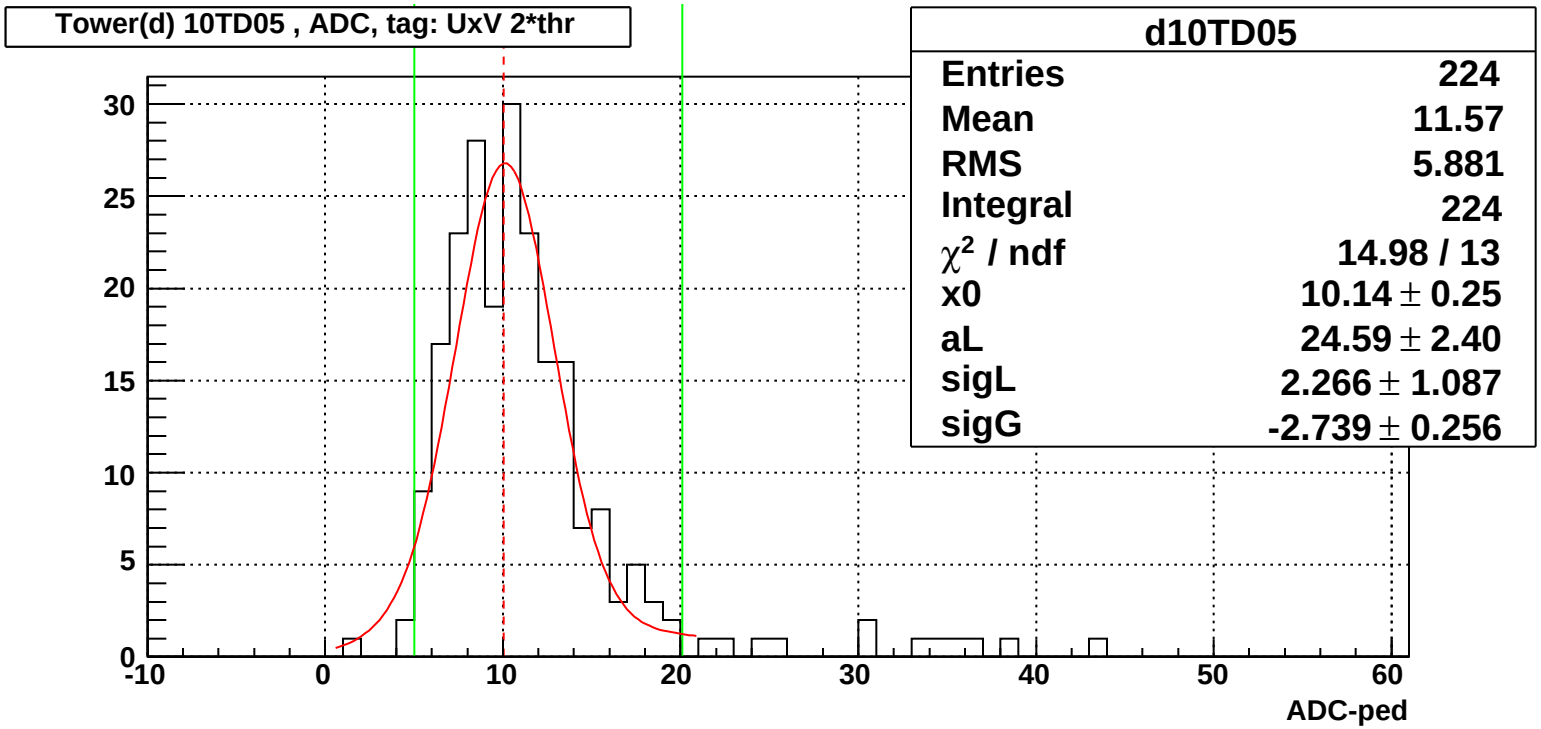

Tower(a) 10TB05 , inclusive ADC
a10TB05
Entries 1793874
Mean 0.5011
RMS 1.474
Integral 1.794e+06
χ² / ndf 3.135e+04 / 6
Constant 1.411e+06 ± 1564
Mean 0.3906 ± 0.0004
Sigma 0.4948 ± 0.0004
ADC-ped

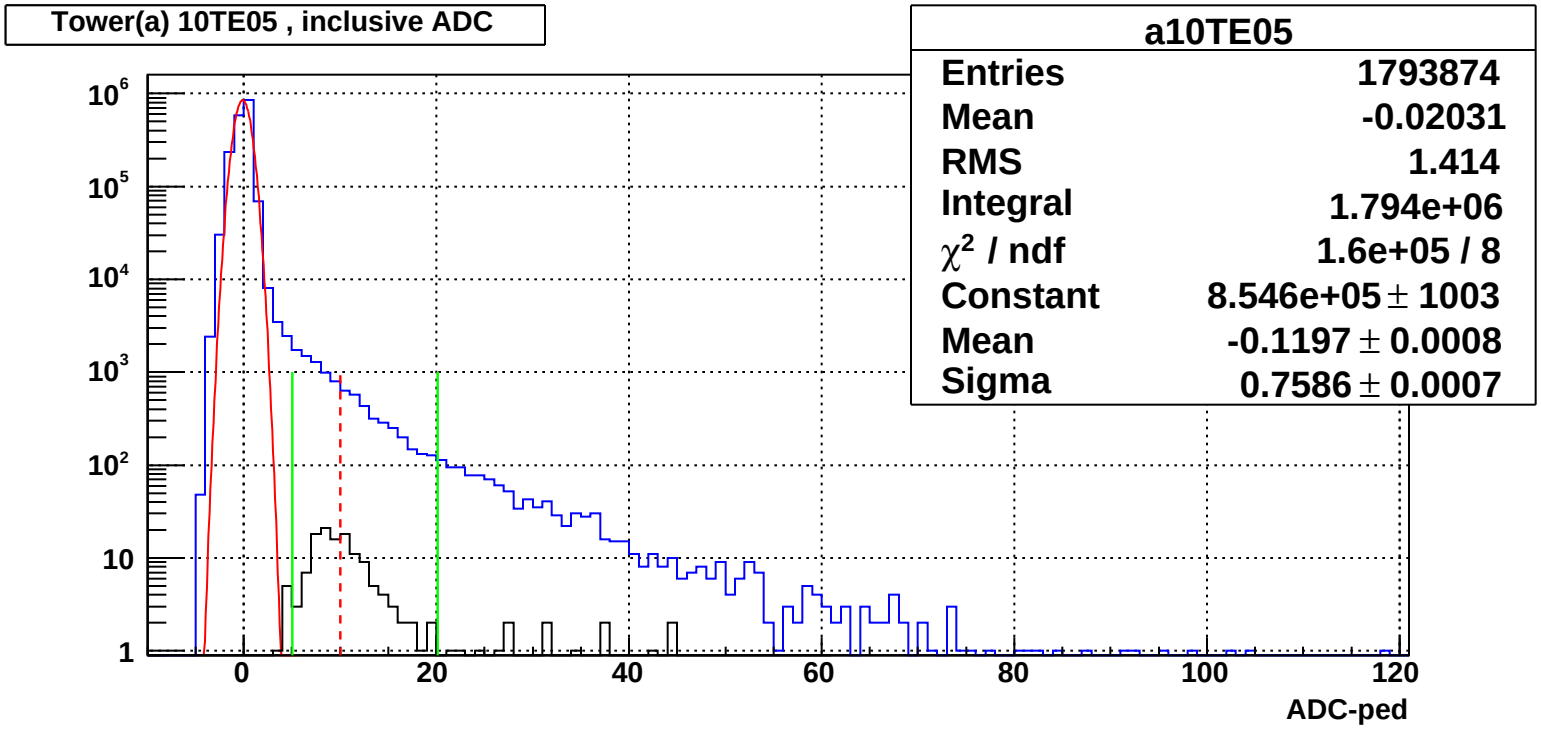

Tower(d) 10TB05 , ADC, tag: UxV 2*thr
d10TB05
Entries 221
Mean 12.51
RMS 5.766
Integral 221
χ² / ndf 10.69 / 18
x0 11.02 ± 0.22
aL 26.87 ± 2.71
sigL 2.459 ± 0.546
sigG 2.365 ± 0.202
ADC-ped

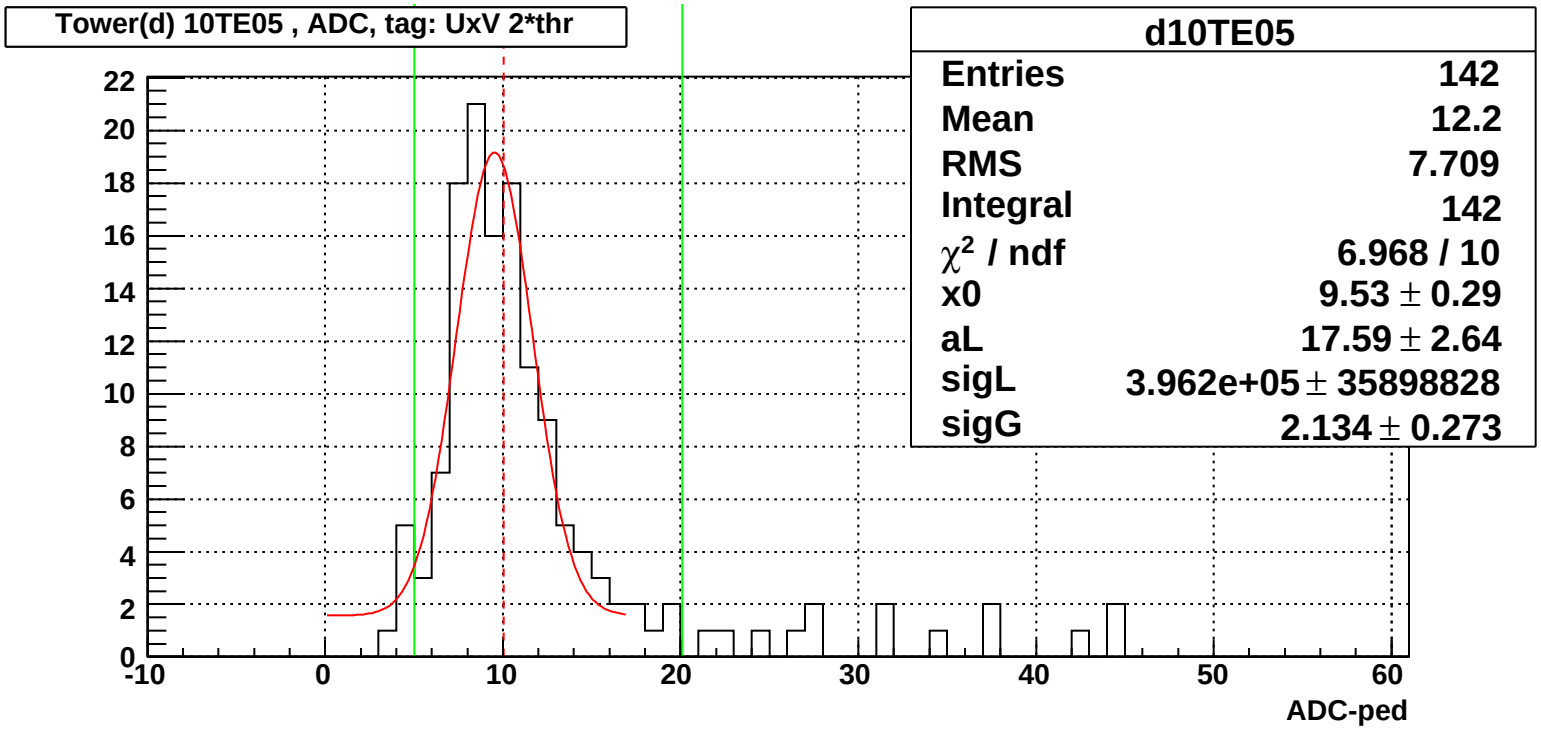

Tower(a) 10TC05 , inclusive ADC
a10TC05
Entries 1793874
Mean -0.03104
RMS 1.511
Integral 1.794e+06
χ² / ndf 2.476e+05 / 8
Constant 6.536e+05 ± 764
Mean -0.1627 ± 0.0010
Sigma 0.9382 ± 0.0008
ADC-ped

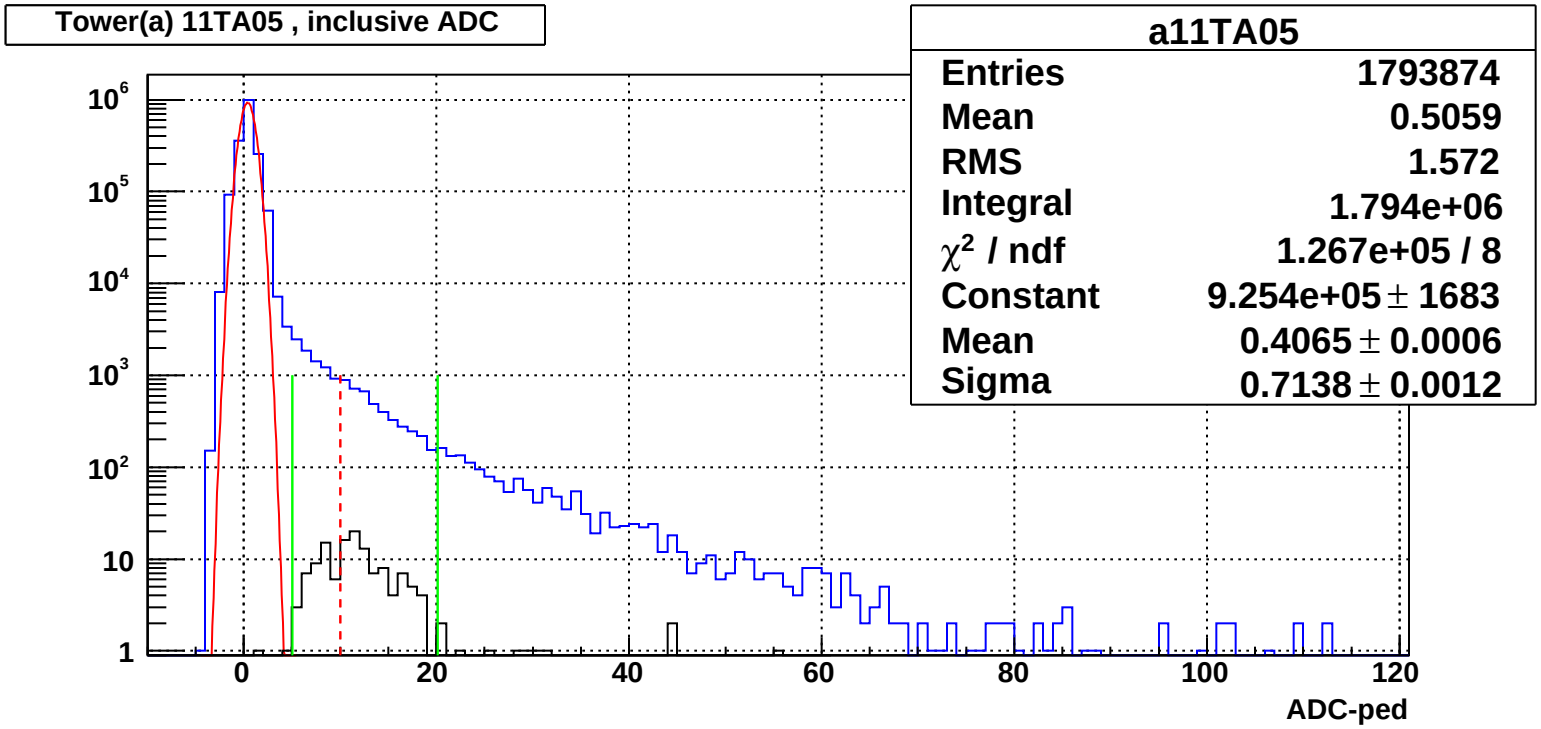

Tower(d) 10TC05 , ADC, tag: UxV 2*thr
d10TC05
Entries 196
Mean 11.37
RMS 7.6
Integral 194
χ² / ndf 8.054 / 10
x0 9.047 ± 0.228
aL 24.59 ± 2.61
sigL 1.749e+04 ± 39779
sigG 2.216 ± 0.192
ADC-ped

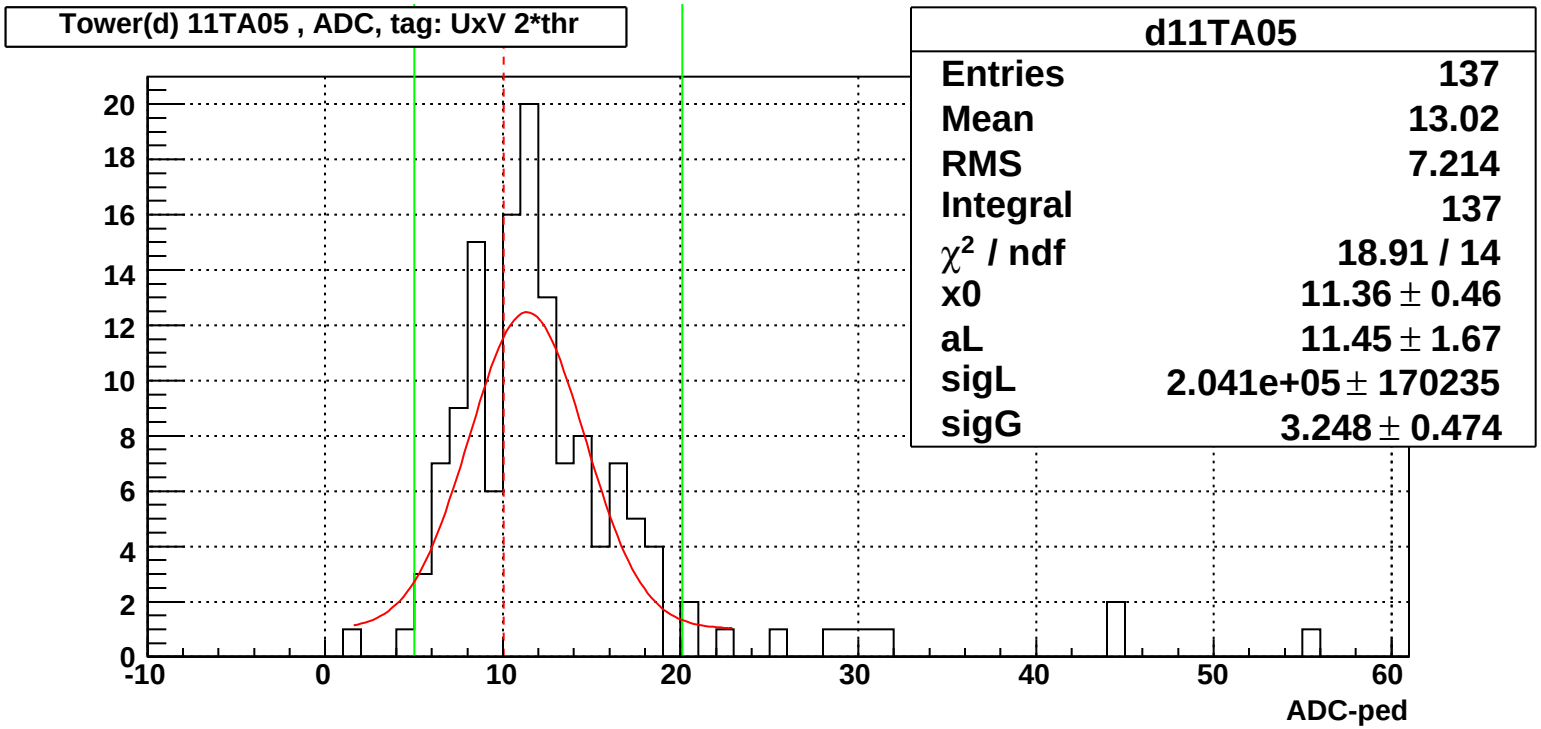

Tower(a) 10TD05 , inclusive ADC
a10TD05
Entries 1793874
Mean 0.4287
RMS 1.496
Integral 1.794e+06
χ² / ndf 1.516e+05 / 7
Constant 8.641e+05 ± 1672
Mean 0.3983 ± 0.0008
Sigma 0.7533 ± 0.0013
ADC-ped

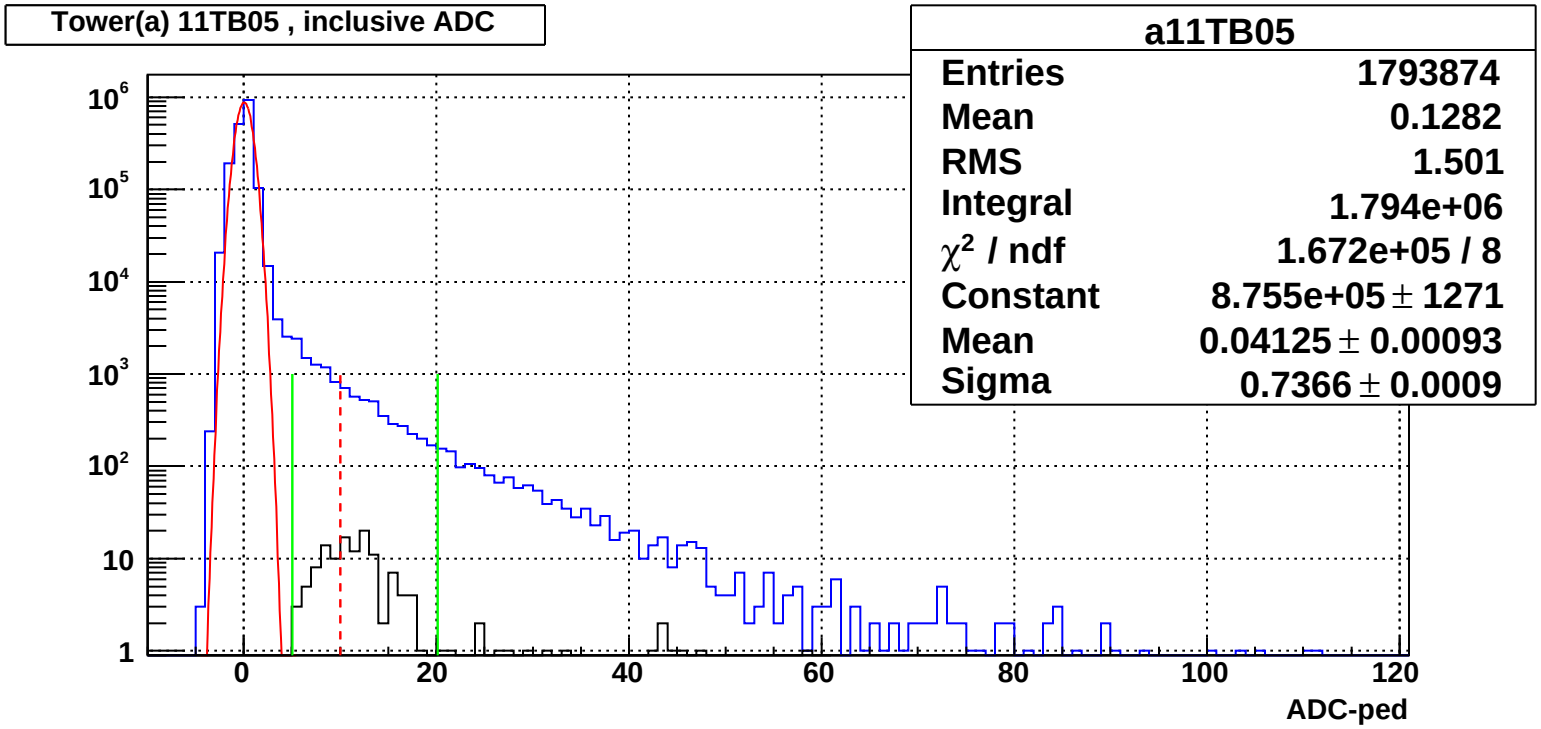

Tower(d) 10TD05 , ADC, tag: UxV 2*thr
d10TD05
Entries 224
Mean 11.57
RMS 5.881
Integral 224
χ² / ndf 14.98 / 13
x0 10.14 ± 0.25
aL 24.59 ± 2.40
sigL 2.266 ± 1.087
sigG -2.739 ± 0.256
ADC-ped

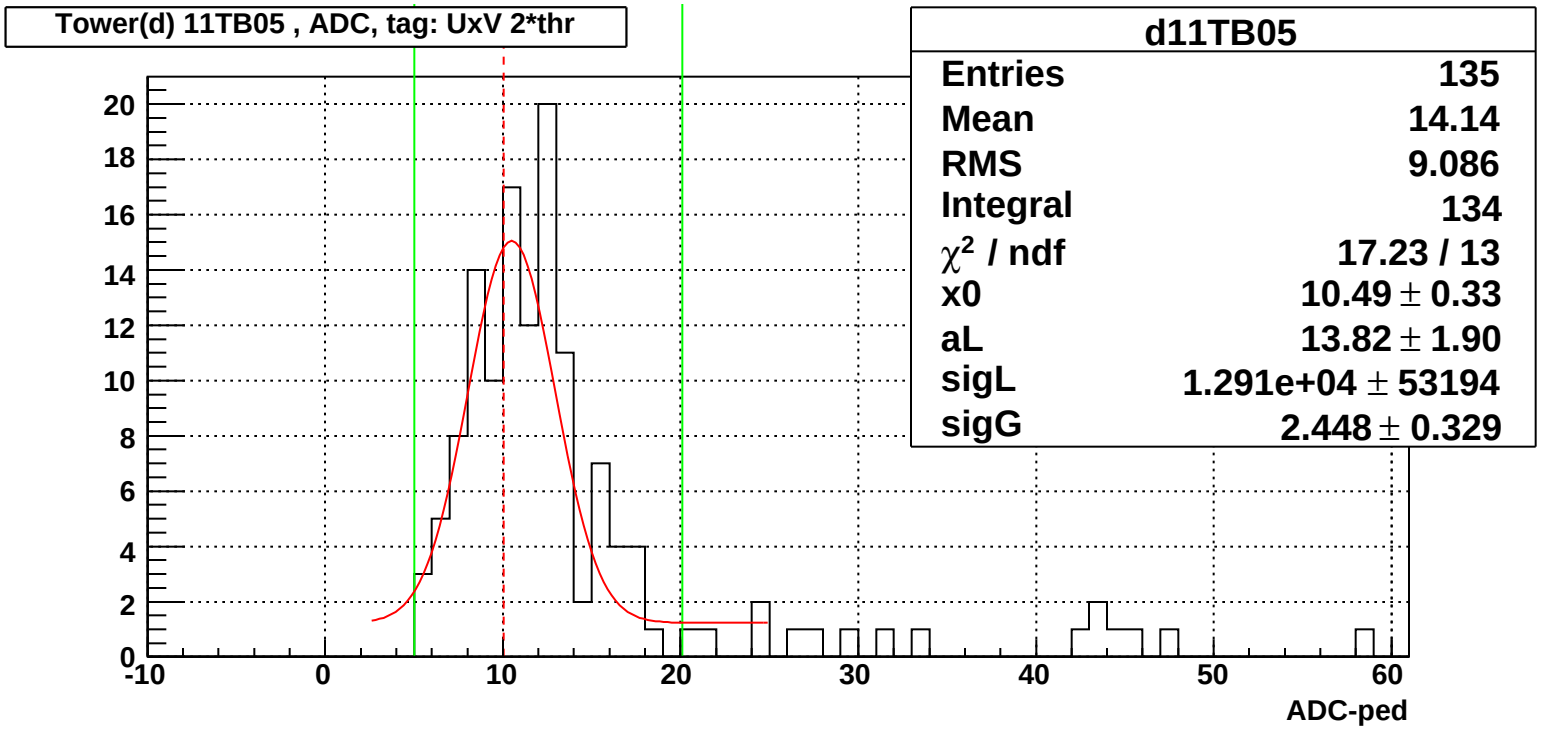

Tower(a) 10TE05 , inclusive ADC
a10TE05
Entries 1793874
Mean -0.02031
RMS 1.414
Integral 1.794e+06
χ² / ndf 1.6e+05 / 8
Constant 8.546e+05 ± 1003
Mean -0.1197 ± 0.0008
Sigma 0.7586 ± 0.0007
ADC-ped

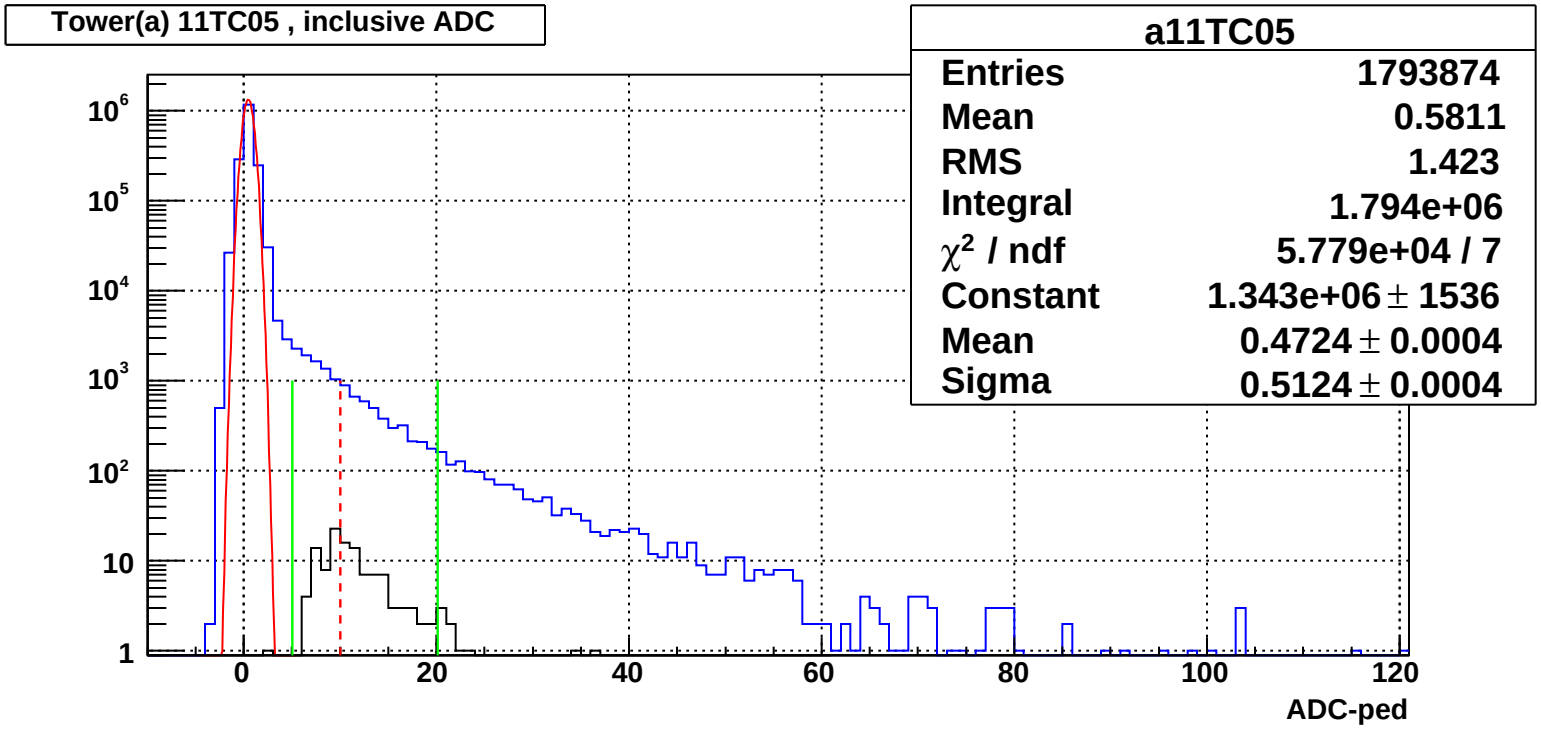

Tower(d) 10TE05 , ADC, tag: UxV 2*thr
d10TE05
Entries 142
Mean 12.2
RMS 7.709
Integral 142
χ² / ndf 6.968 / 10
x0 9.53 ± 0.29
aL 17.59 ± 2.64
sigL 3.962e+05 ± 35898828
sigG 2.134 ± 0.273
ADC-ped

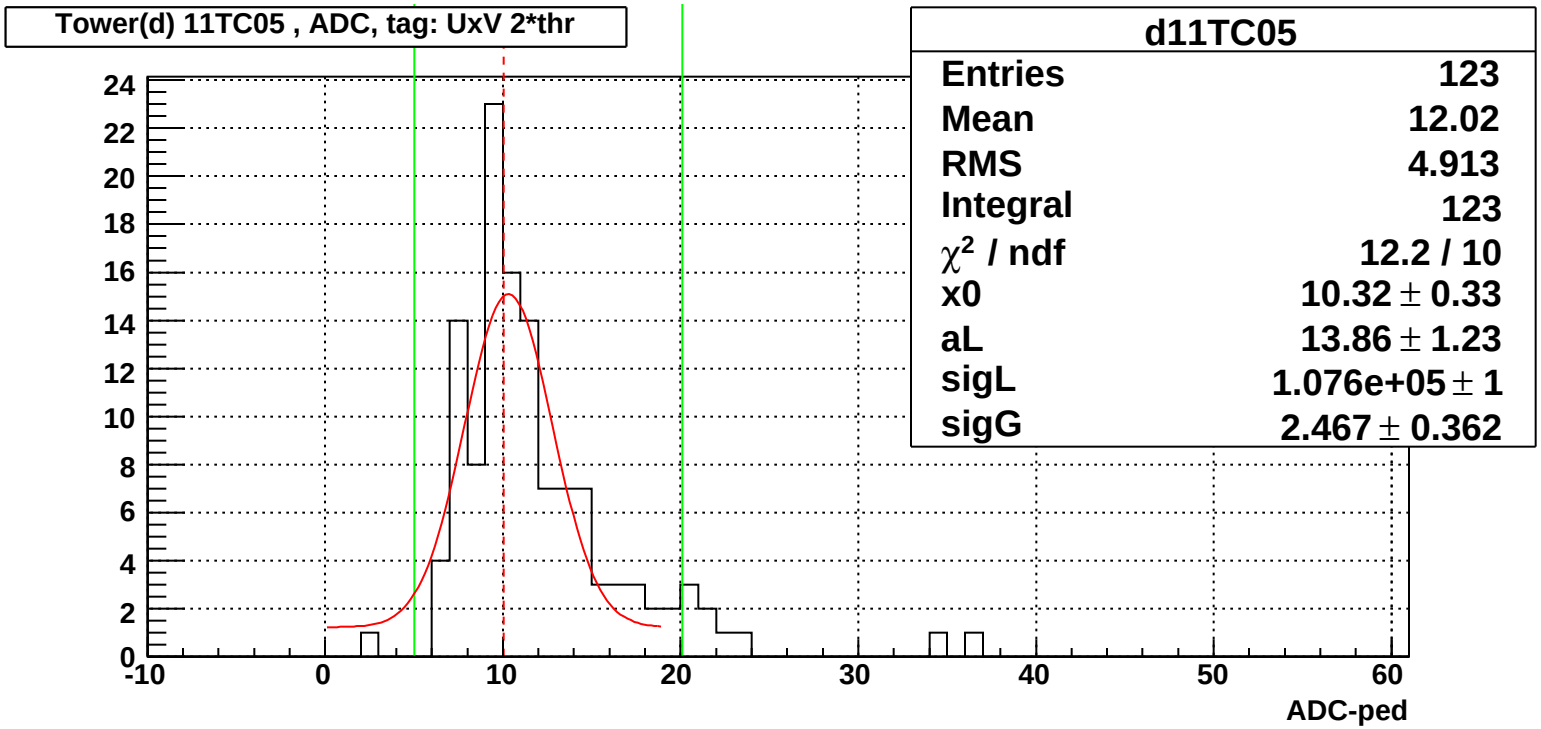

Tower(a) 11TA05 , inclusive ADC
a11TA05
Entries 1793874
Mean 0.5059
RMS 1.572
Integral 1.794e+06
χ² / ndf 1.267e+05 / 8
Constant 9.254e+05 ± 1683
Mean 0.4065 ± 0.0006
Sigma 0.7138 ± 0.0012
ADC-ped

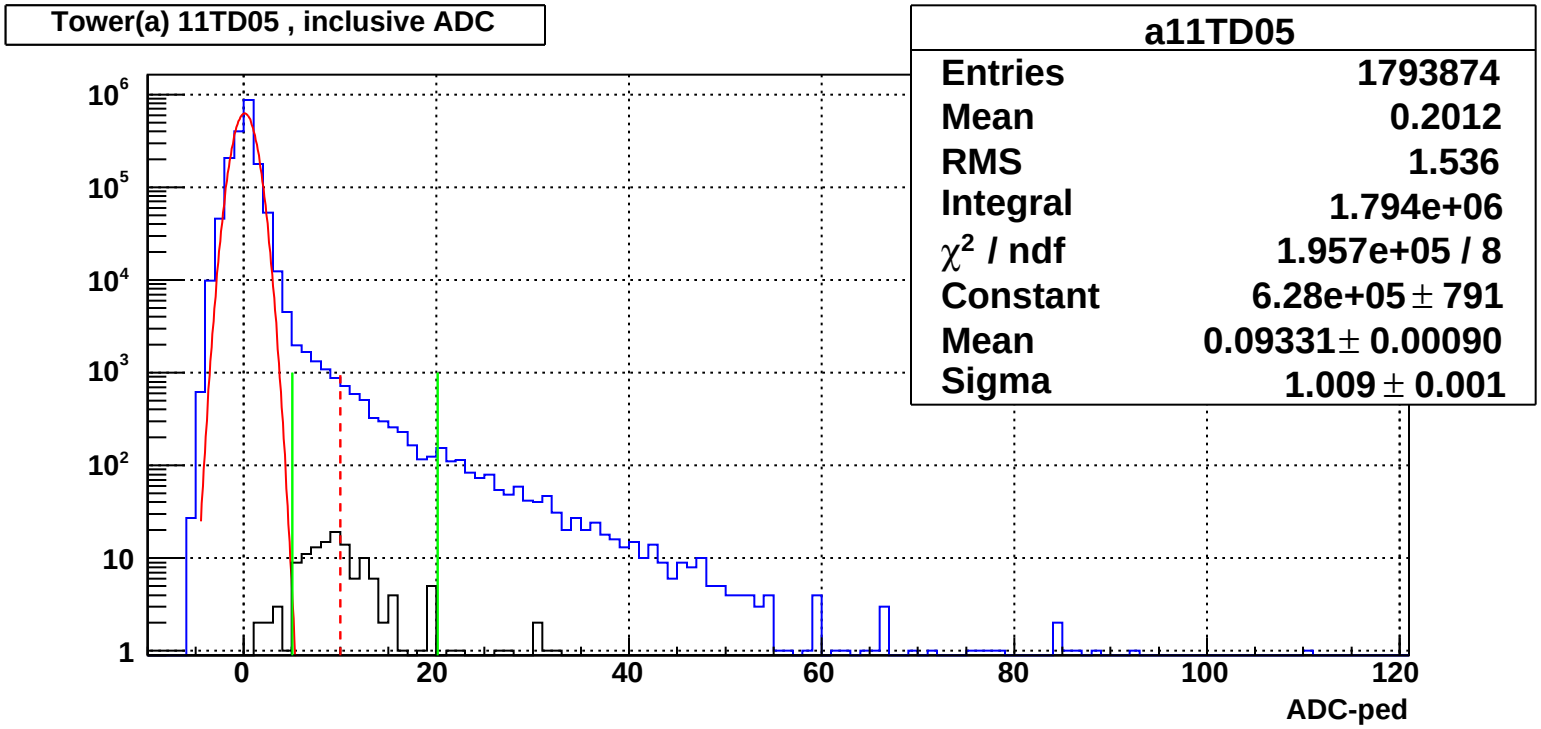

Tower(d) 11TA05 , ADC, tag: UxV 2*thr
d11TA05
Entries 137
Mean 13.02
RMS 7.214
Integral 137
χ² / ndf 18.91 / 14
x0 11.36 ± 0.46
aL 11.45 ± 1.67
sigL 2.041e+05 ± 170235
sigG 3.248 ± 0.474
ADC-ped

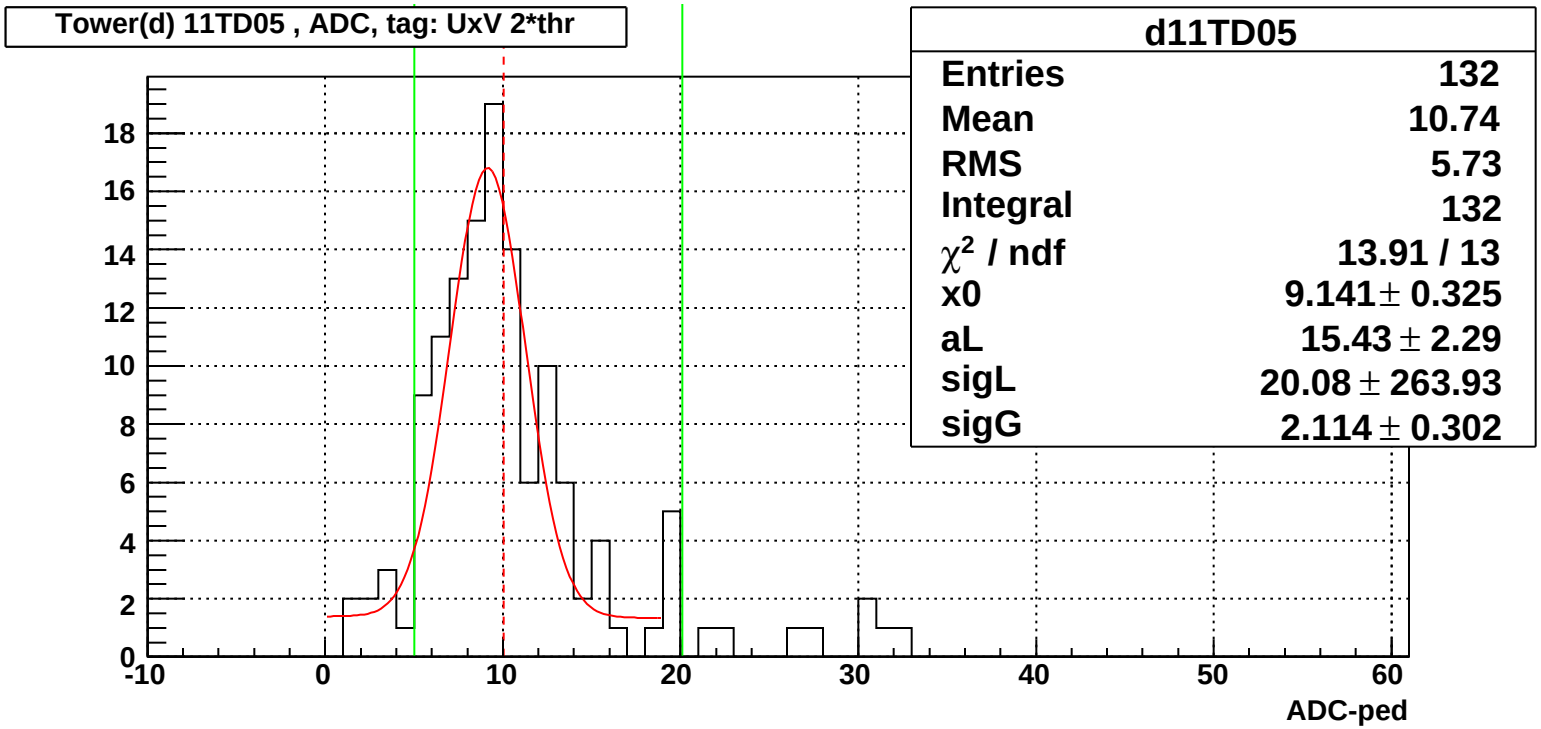

Tower(a) 11TB05 , inclusive ADC
a11TB05
Entries 1793874
Mean 0.1282
RMS 1.501
Integral 1.794e+06
χ² / ndf 1.672e+05 / 8
Constant 8.755e+05 ± 1271
Mean 0.04125 ± 0.00093
Sigma 0.7366 ± 0.0009
ADC-ped

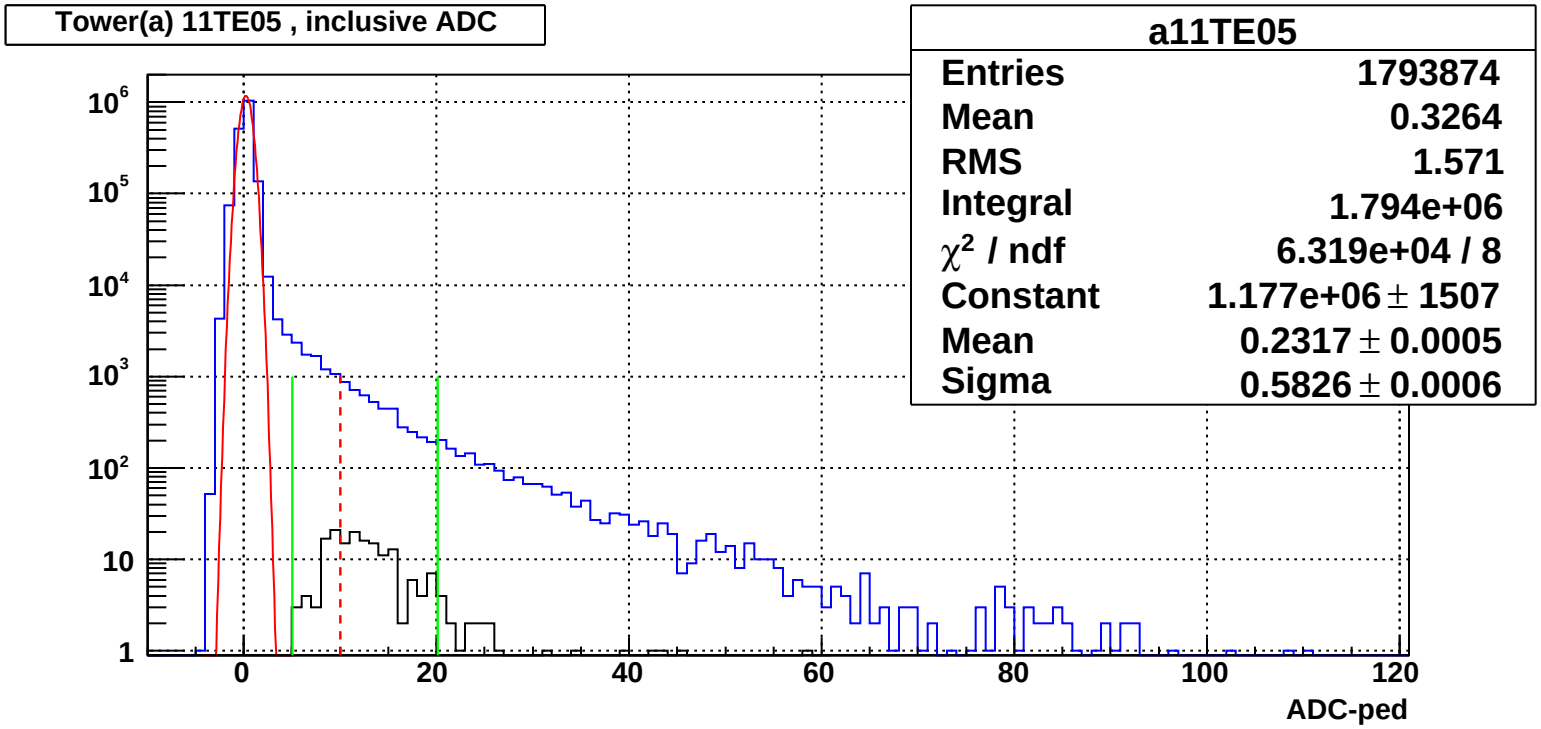

Tower(d) 11TB05 , ADC, tag: UxV 2*thr
d11TB05
Entries 135
Mean 14.14
RMS 9.086
Integral 134
χ² / ndf 17.23 / 13
x0 10.49 ± 0.33
aL 13.82 ± 1.90
sigL 1.291e+04 ± 53194
sigG 2.448 ± 0.329
ADC-ped

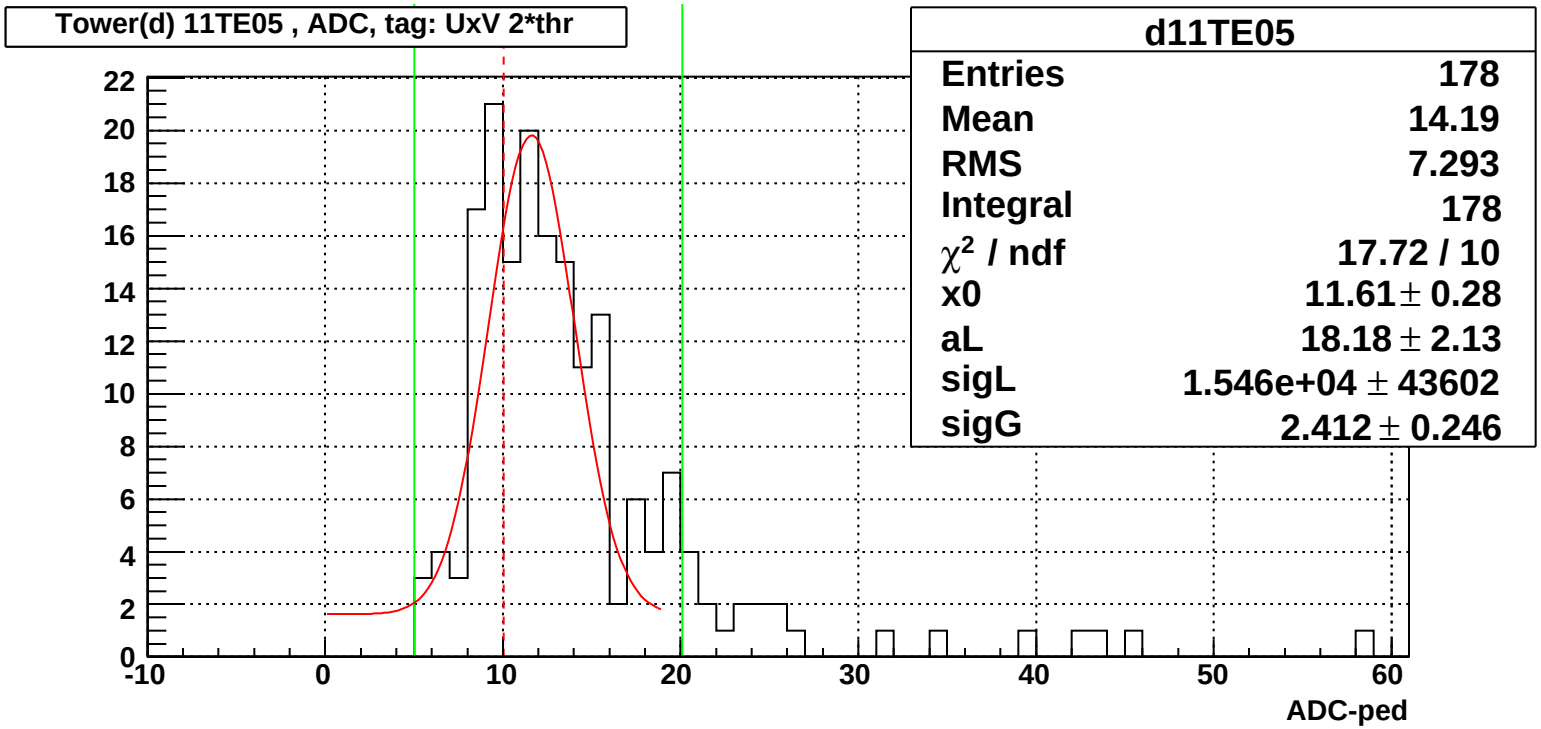

Tower(a) 11TC05 , inclusive ADC
a11TC05
Entries 1793874
Mean 0.5811
RMS 1.423
Integral 1.794e+06
χ² / ndf 5.779e+04 / 7
Constant 1.343e+06 ± 1536
Mean 0.4724 ± 0.0004
Sigma 0.5124 ± 0.0004
ADC-ped

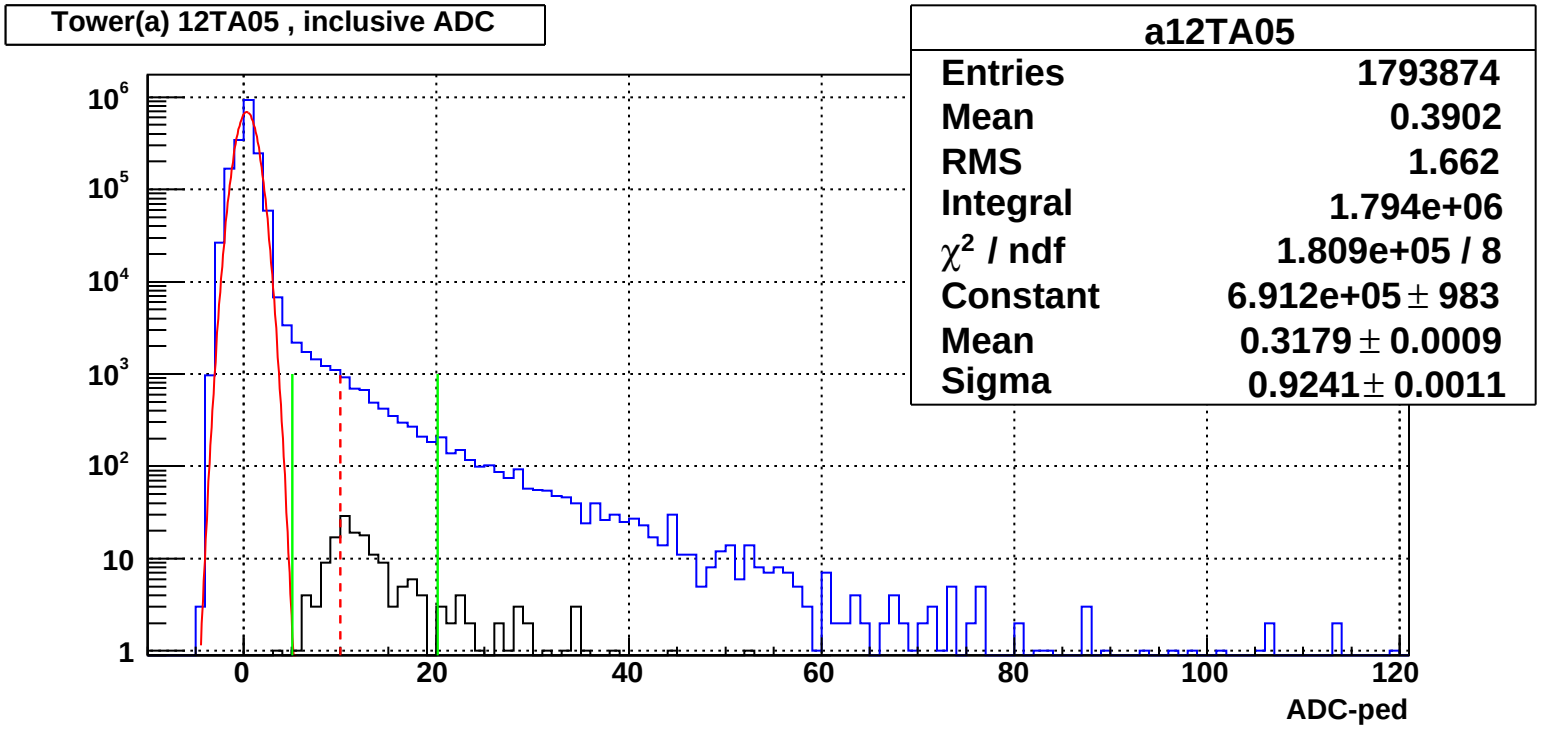

Tower(d) 11TC05 , ADC, tag: UxV 2*thr
d11TC05
Entries 123
Mean 12.02
RMS 4.913
Integral 123
χ² / ndf 12.2 / 10
x0 10.32 ± 0.33
aL 13.86 ± 1.23
sigL 1.076e+05 ± 1
sigG 2.467 ± 0.362
ADC-ped

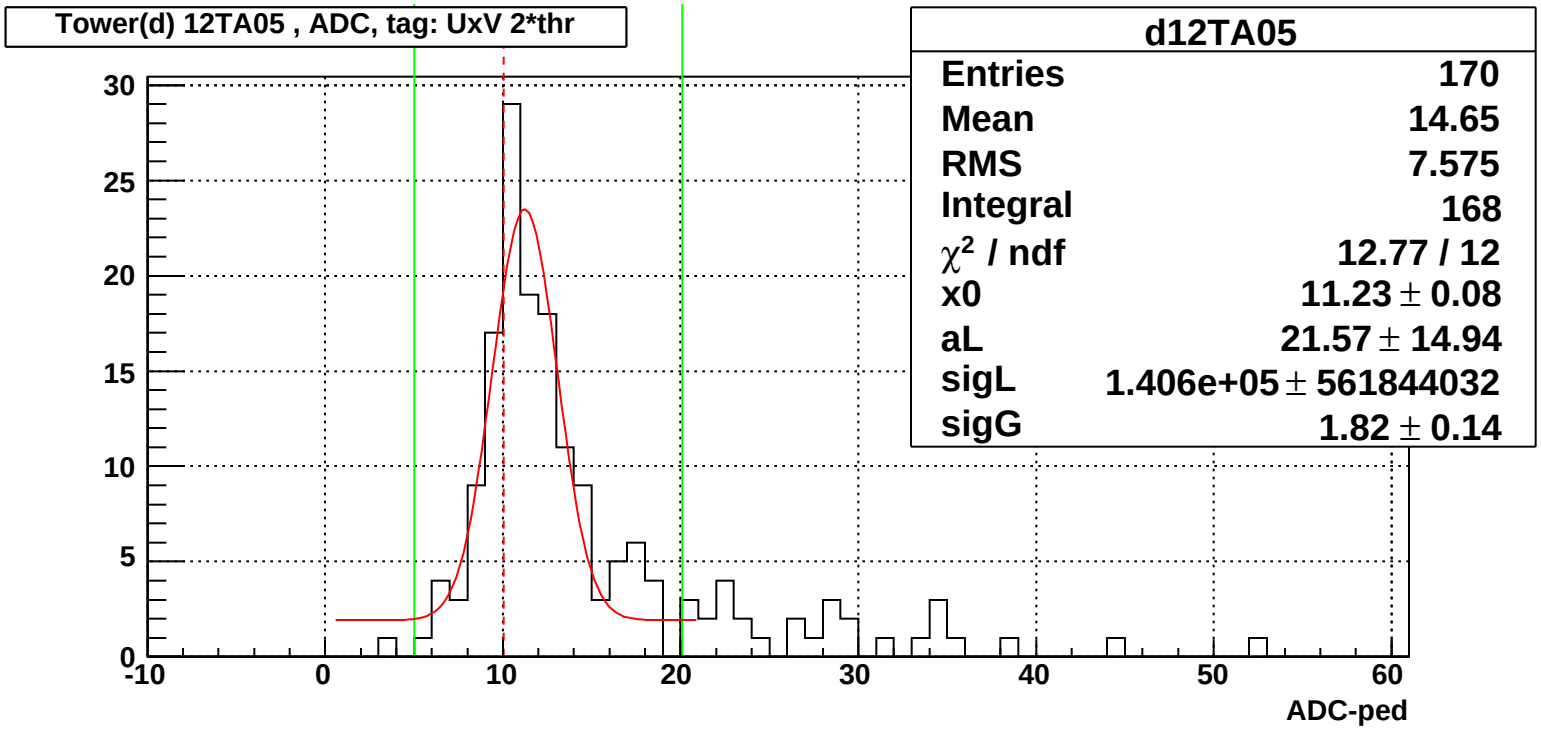

Tower(a) 11TD05 , inclusive ADC
a11TD05
Entries 1793874
Mean 0.2012
RMS 1.536
Integral 1.794e+06
χ² / ndf 1.957e+05 / 8
Constant 6.28e+05 ± 791
Mean 0.09331 ± 0.00090
Sigma 1.009 ± 0.001
ADC-ped

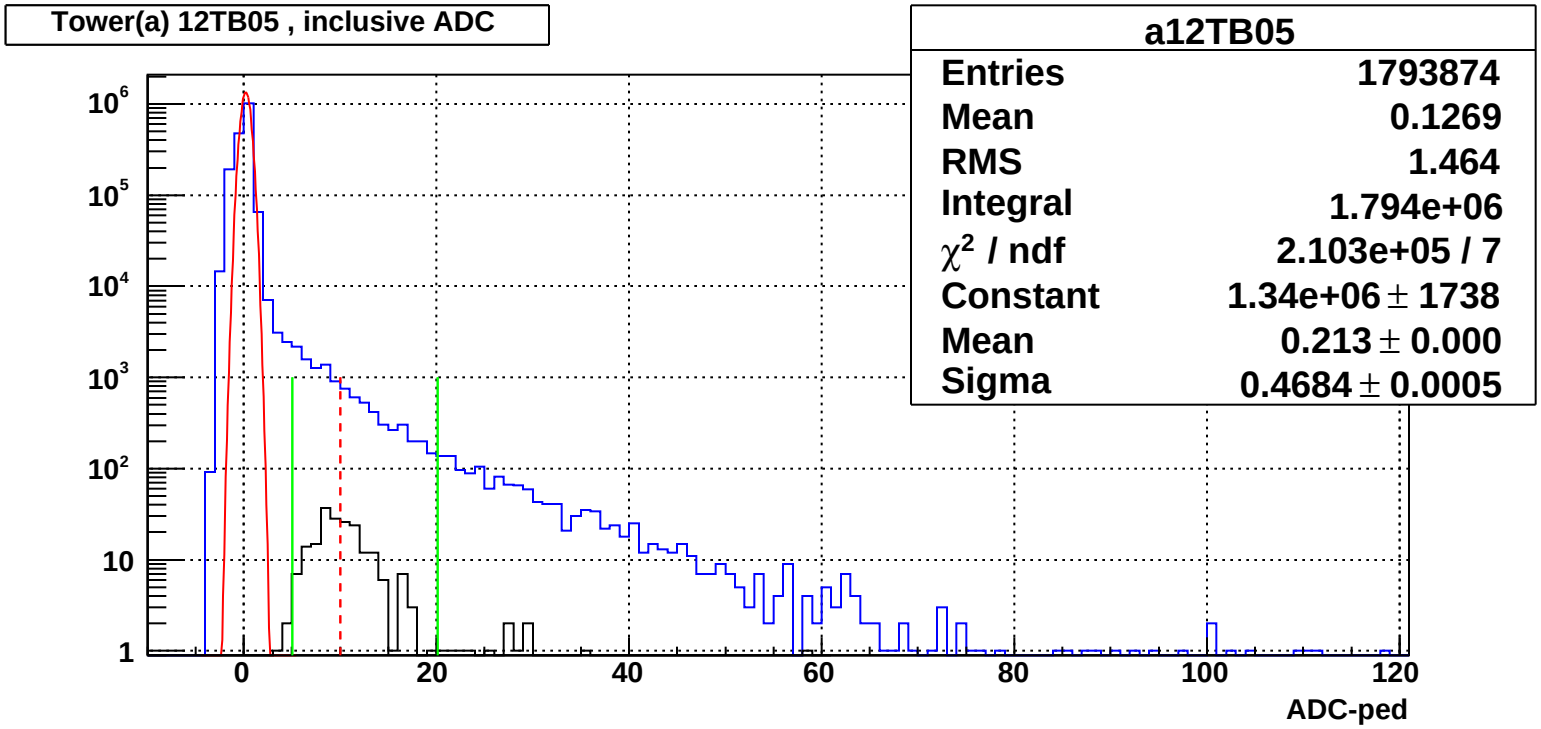

Tower(d) 11TD05 , ADC, tag: UxV 2*thr
d11TD05
Entries 132
Mean 10.74
RMS 5.73
Integral 132
χ² / ndf 13.91 / 13
x0 9.141 ± 0.325
aL 15.43 ± 2.29
sigL 20.08 ± 263.93
sigG 2.114 ± 0.302
ADC-ped

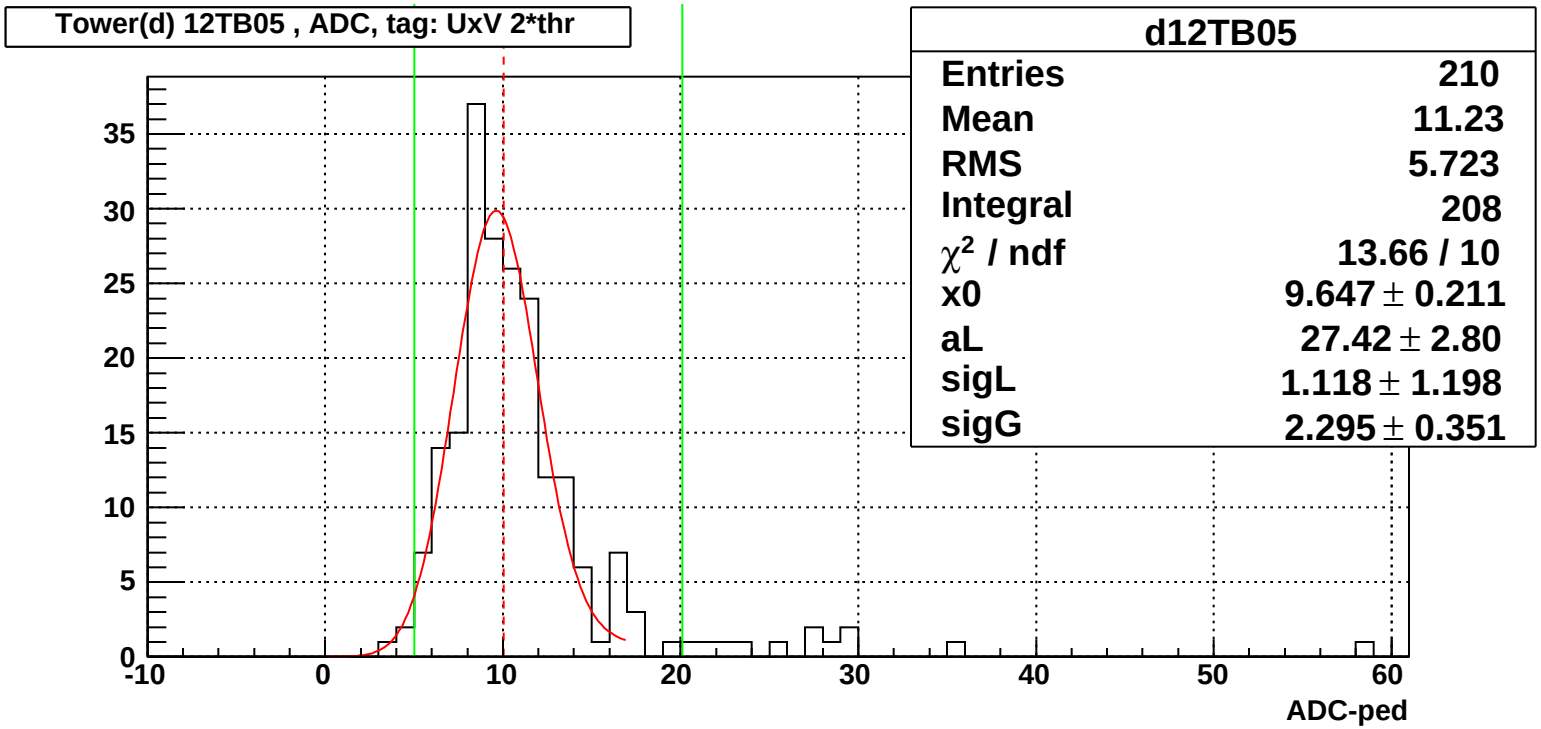

Tower(a) 11TE05 , inclusive ADC
a11TE05
Entries 1793874
Mean 0.3264
RMS 1.571
Integral 1.794e+06
χ² / ndf 6.319e+04 / 8
Constant 1.177e+06 ± 1507
Mean 0.2317 ± 0.0005
Sigma 0.5826 ± 0.0006
ADC-ped

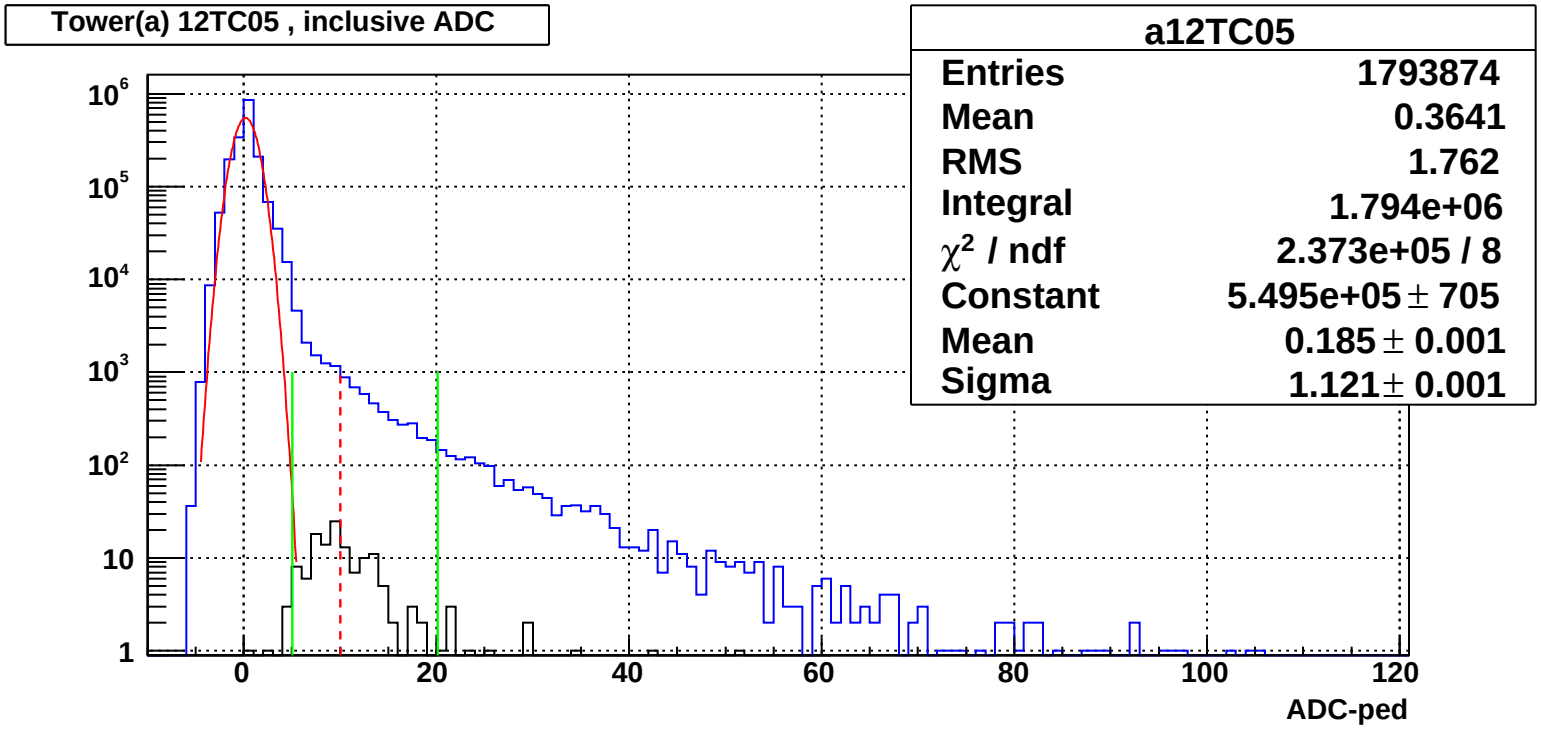

Tower(d) 11TE05 , ADC, tag: UxV 2*thr
d11TE05
Entries 178
Mean 14.19
RMS 7.293
Integral 178
χ² / ndf 17.72 / 10
x0 11.61 ± 0.28
aL 18.18 ± 2.13
sigL 1.546e+04 ± 43602
sigG 2.412 ± 0.246
ADC-ped

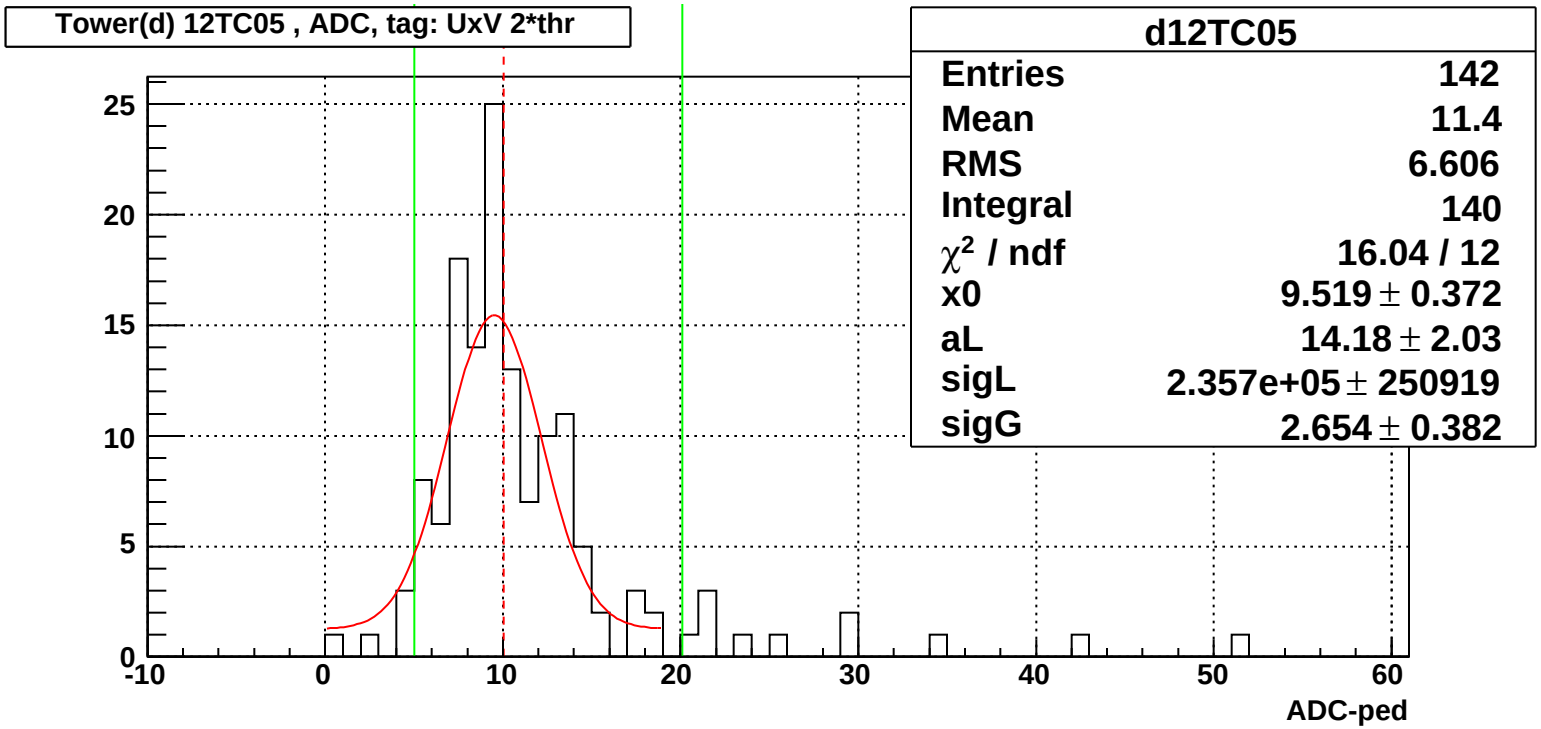

Tower(a) 12TA05 , inclusive ADC
a12TA05
Entries 1793874
Mean 0.3902
RMS 1.662
Integral 1.794e+06
χ² / ndf 1.809e+05 / 8
Constant 6.912e+05 ± 983
Mean 0.3179 ± 0.0009
Sigma 0.9241 ± 0.0011
ADC-ped

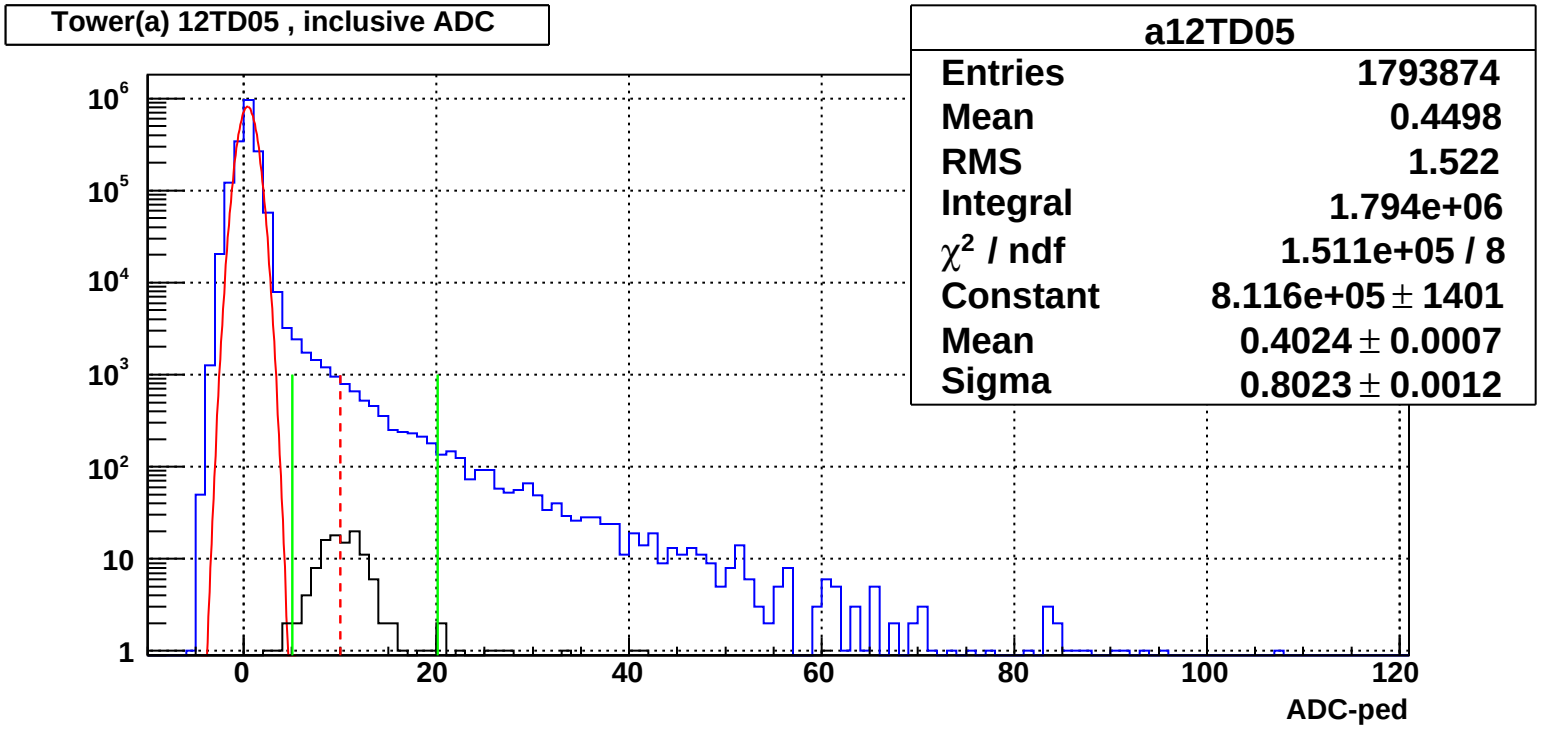

Tower(d) 12TA05 , ADC, tag: UxV 2*thr
d12TA05
Entries 170
Mean 14.65
RMS 7.575
Integral 168
χ² / ndf 12.77 / 12
x0 11.23 ± 0.08
aL 21.57 ± 14.94
sigL 1.406e+05 ± 561844032
sigG 1.82 ± 0.14
ADC-ped

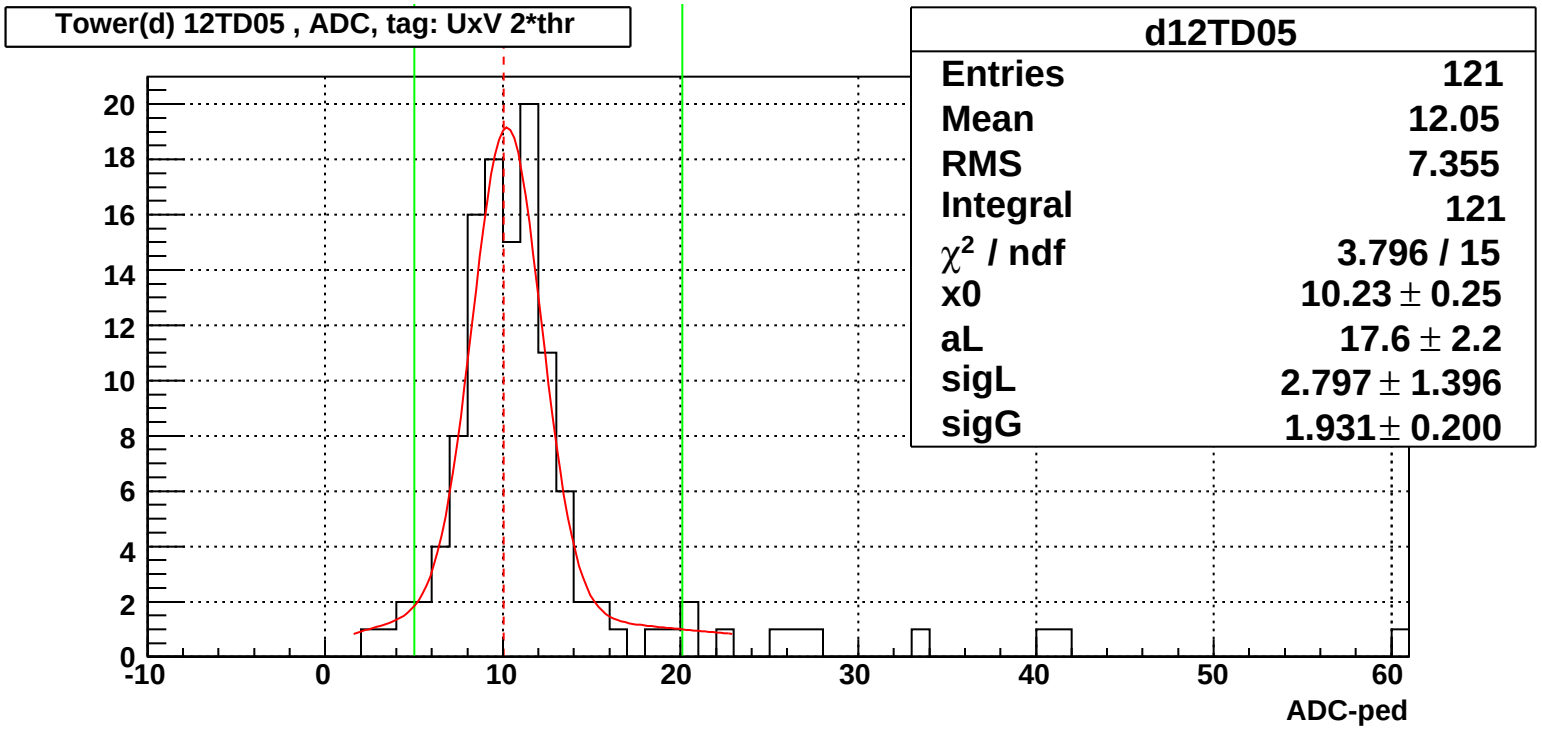

Tower(a) 12TB05 , inclusive ADC
a12TB05
Entries 1793874
Mean 0.1269
RMS 1.464
Integral 1.794e+06
χ² / ndf 2.103e+05 / 7
Constant 1.34e+06 ± 1738
Mean 0.213 ± 0.000
Sigma 0.4684 ± 0.0005
ADC-ped

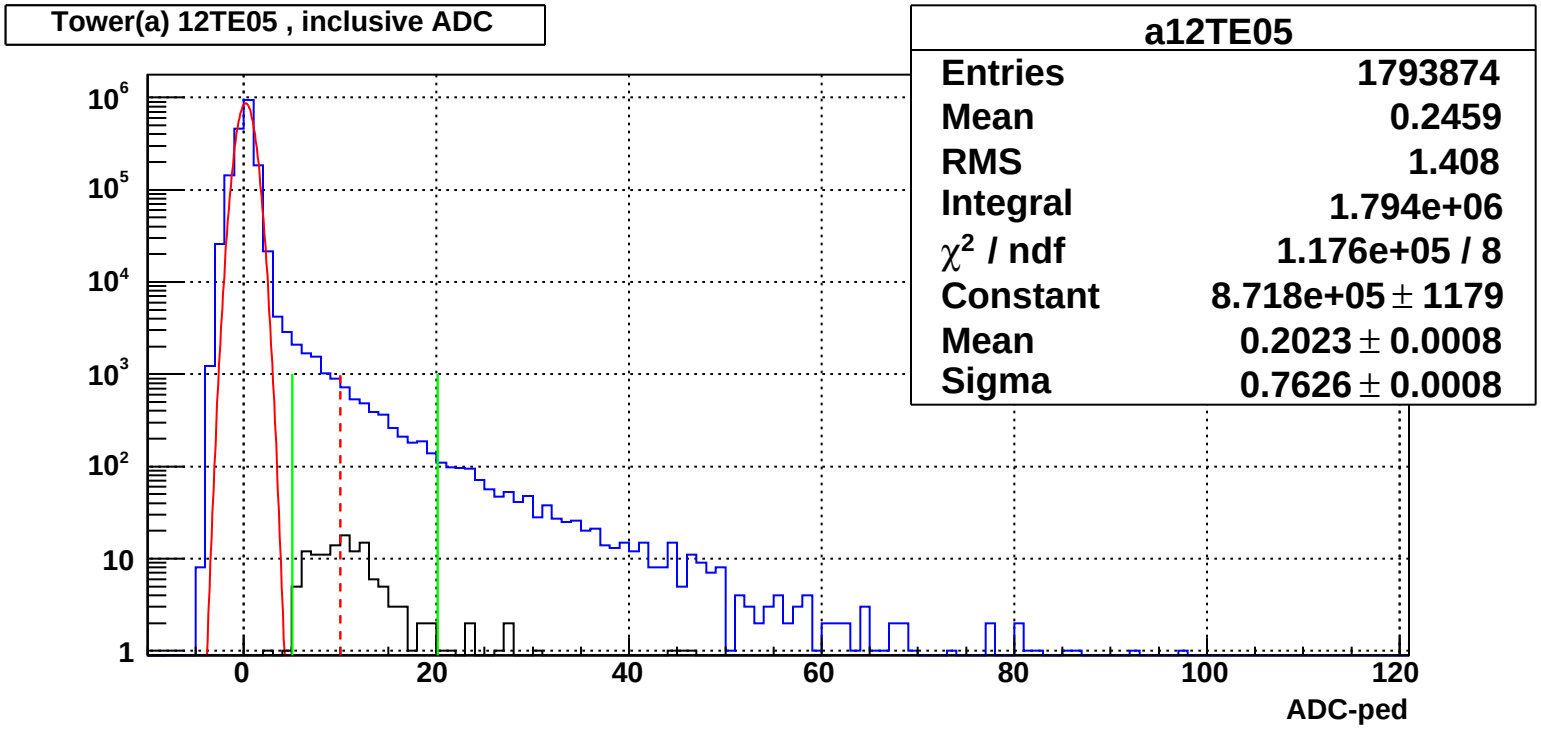

Tower(d) 12TB05 , ADC, tag: UxV 2*thr
d12TB05
Entries 210
Mean 11.23
RMS 5.723
Integral 208
χ² / ndf 13.66 / 10
x0 9.647 ± 0.211
aL 27.42 ± 2.80
sigL 1.118 ± 1.198
sigG 2.295 ± 0.351
ADC-ped

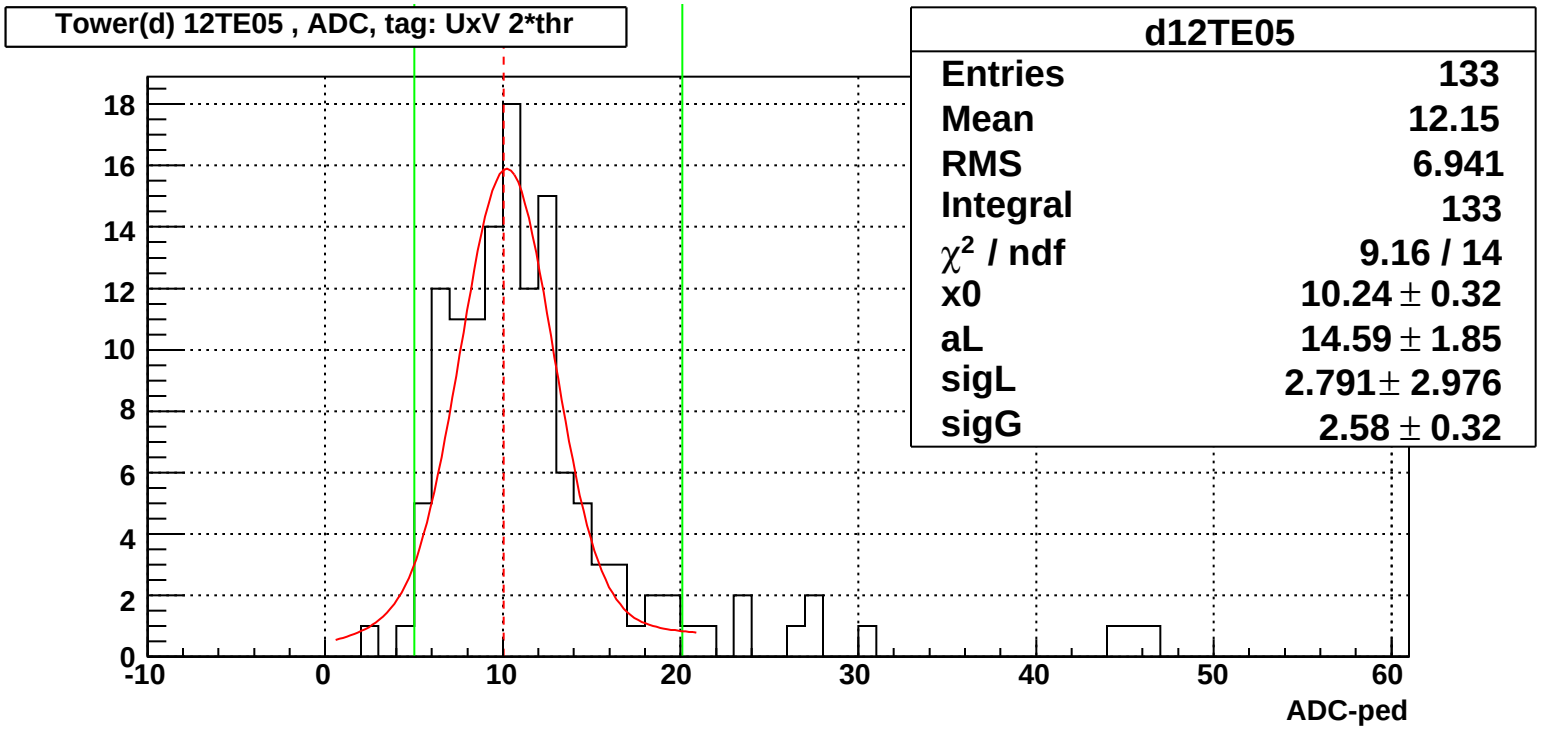

Tower(a) 12TC05 , inclusive ADC
a12TC05
Entries 1793874
Mean 0.3641
RMS 1.762
Integral 1.794e+06
χ² / ndf 2.373e+05 / 8
Constant 5.495e+05 ± 705
Mean 0.185 ± 0.001
Sigma 1.121 ± 0.001
ADC-ped

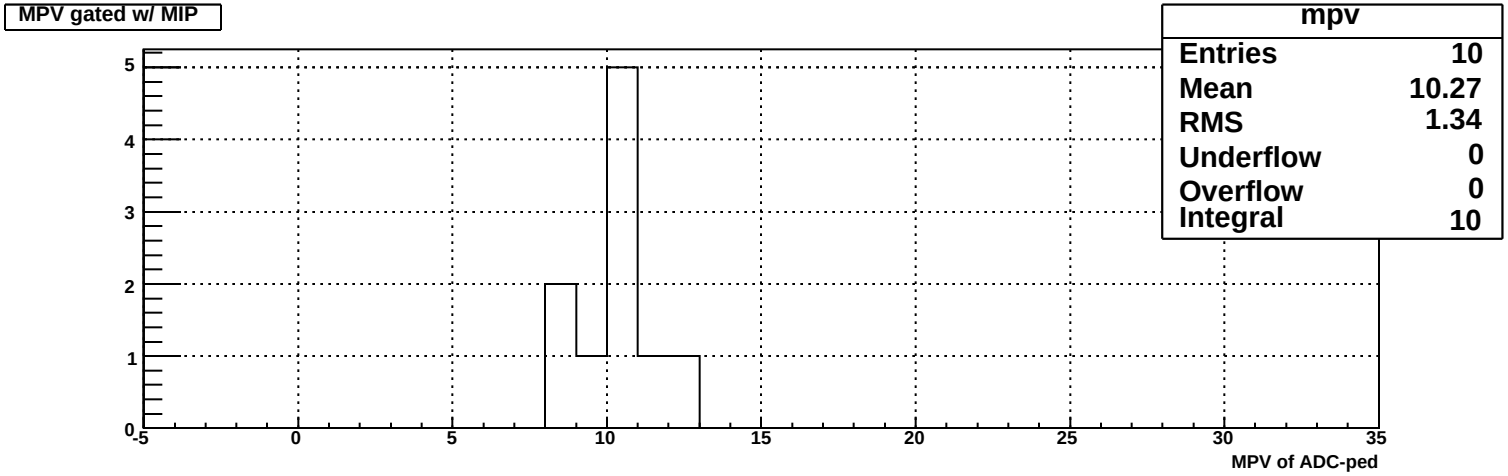

Tower(d) 12TC05 , ADC, tag: UxV 2*thr
d12TC05
Entries 142
Mean 11.4
RMS 6.606
Integral 140
χ² / ndf 16.04 / 12
x0 9.519 ± 0.372
aL 14.18 ± 2.03
sigL 2.357e+05 ± 250919
sigG 2.654 ± 0.382
ADC-ped

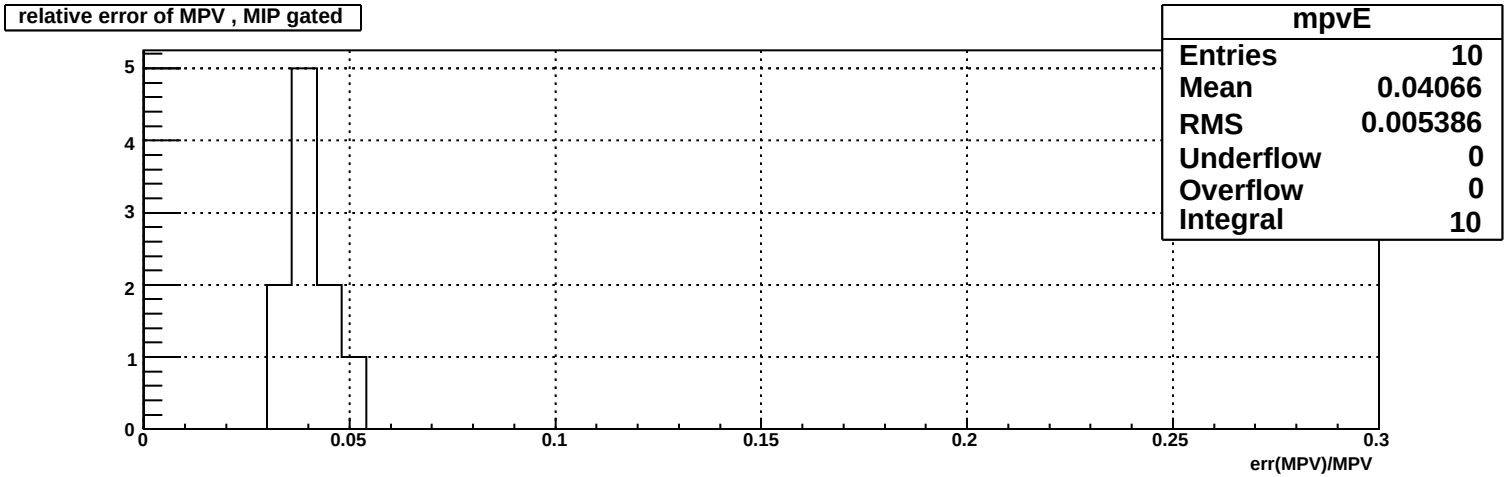

Tower(a) 12TD05 , inclusive ADC
a12TD05
Entries 1793874
Mean 0.4498
RMS 1.522
Integral 1.794e+06
χ² / ndf 1.511e+05 / 8
Constant 8.116e+05 ± 1401
Mean 0.4024 ± 0.0007
Sigma 0.8023 ± 0.0012
ADC-ped


Tower(d) 12TD05 , ADC, tag: UxV 2*thr
d12TD05
Entries 121
Mean 12.05
RMS 7.355
Integral 121
χ² / ndf 3.796 / 15
x0 10.23 ± 0.25
aL 17.6 ± 2.2
sigL 2.797 ± 1.396
sigG 1.931 ± 0.200
ADC-ped


Tower(a) 12TE05 , inclusive ADC
a12TE05
Entries 1793874
Mean 0.2459
RMS 1.408
Integral 1.794e+06
χ² / ndf 1.176e+05 / 8
Constant 8.718e+05 ± 1179
Mean 0.2023 ± 0.0008
Sigma 0.7626 ± 0.0008
ADC-ped


Tower(d) 12TE05 , ADC, tag: UxV 2*thr
d12TE05
Entries 133
Mean 12.15
RMS 6.941
Integral 133
χ² / ndf 9.16 / 14
x0 10.24 ± 0.32
aL 14.59 ± 1.85
sigL 2.791 ± 2.976
sigG 2.58 ± 0.32
ADC-ped


MPV gated w/ MIP
mpv
Entries 10
Mean 10.27
RMS 1.34
Underflow 0
Overflow 0
Integral 10
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 10
Mean 0.04066
RMS 0.005386
Underflow 0
Overflow 0
Integral 10
err(MPV)/MPV