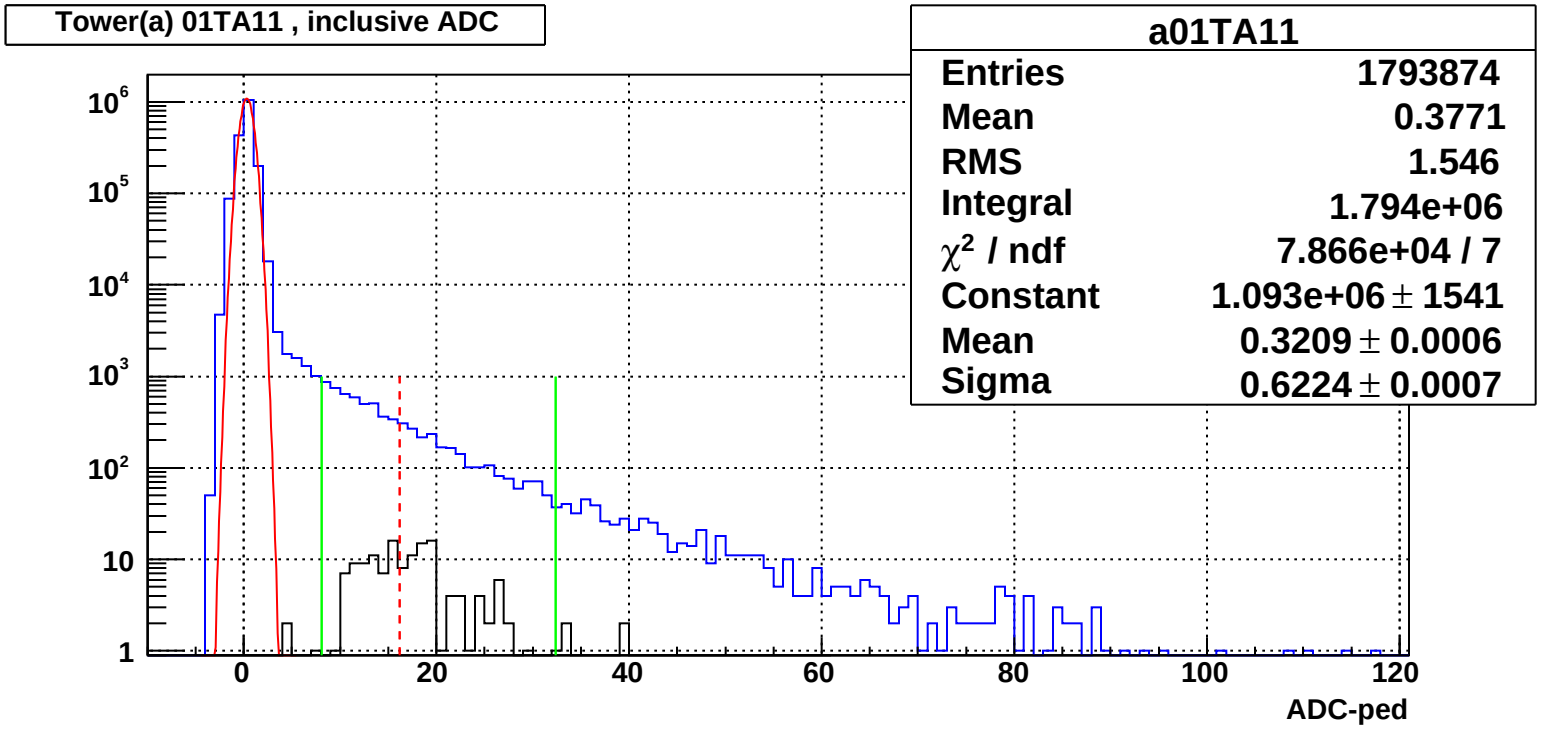
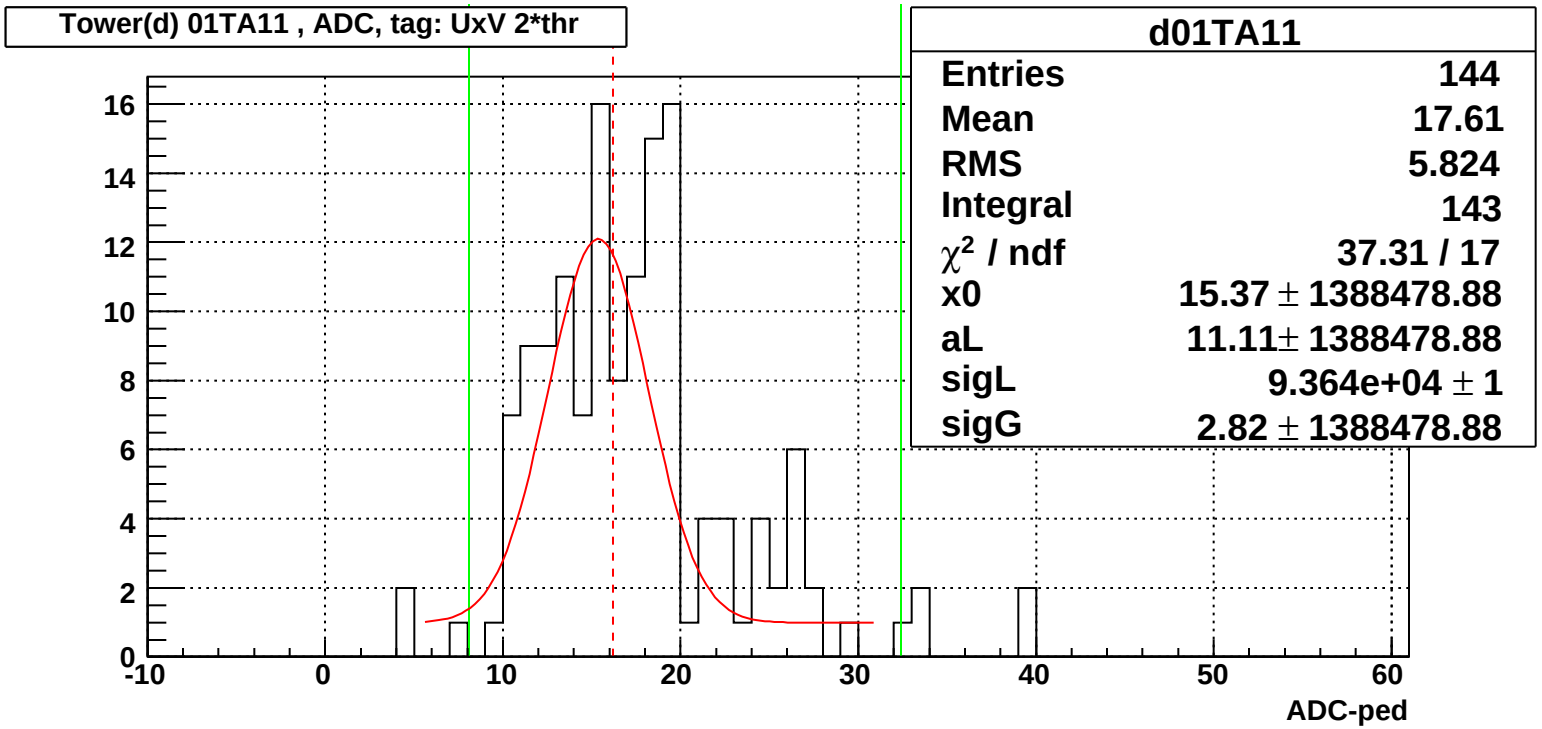
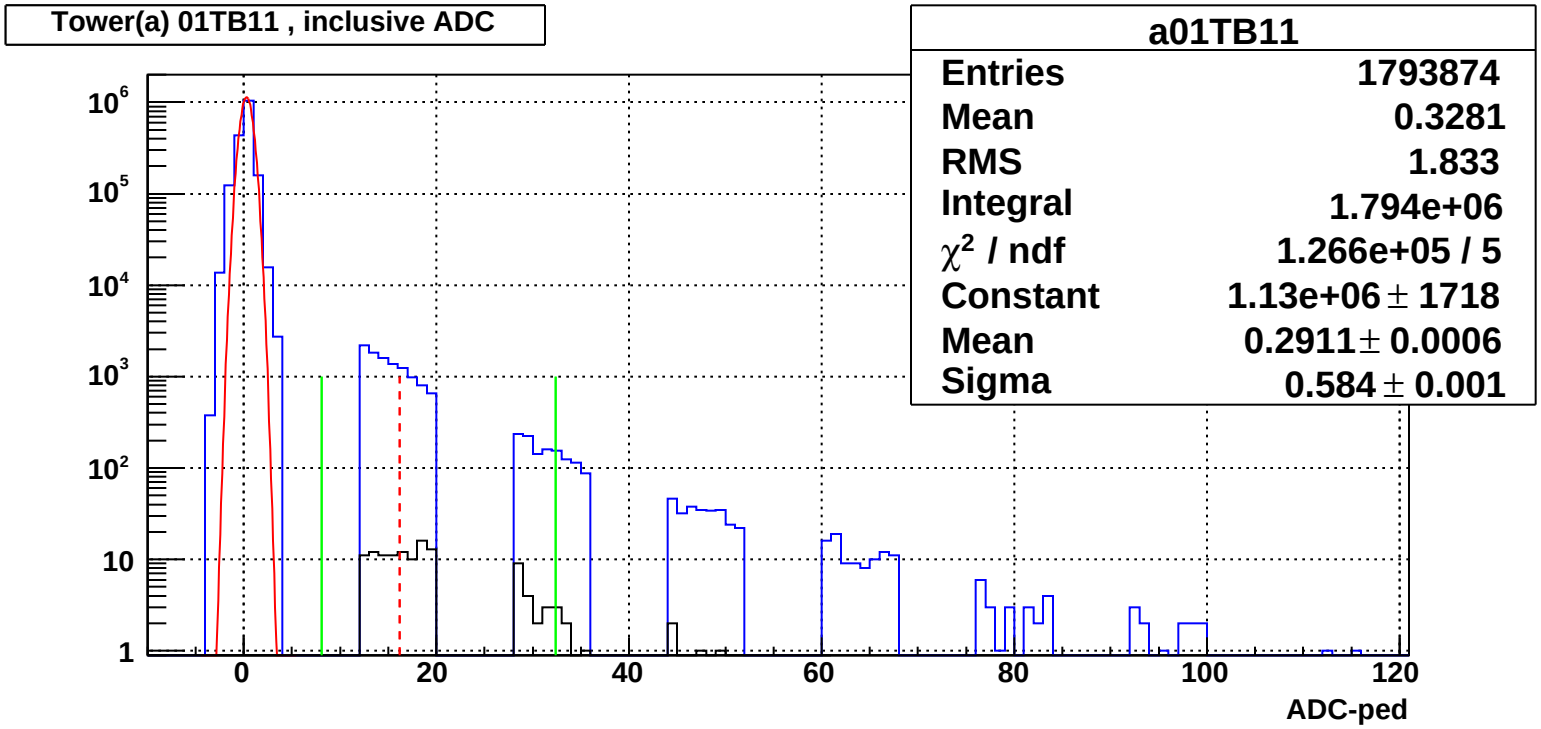
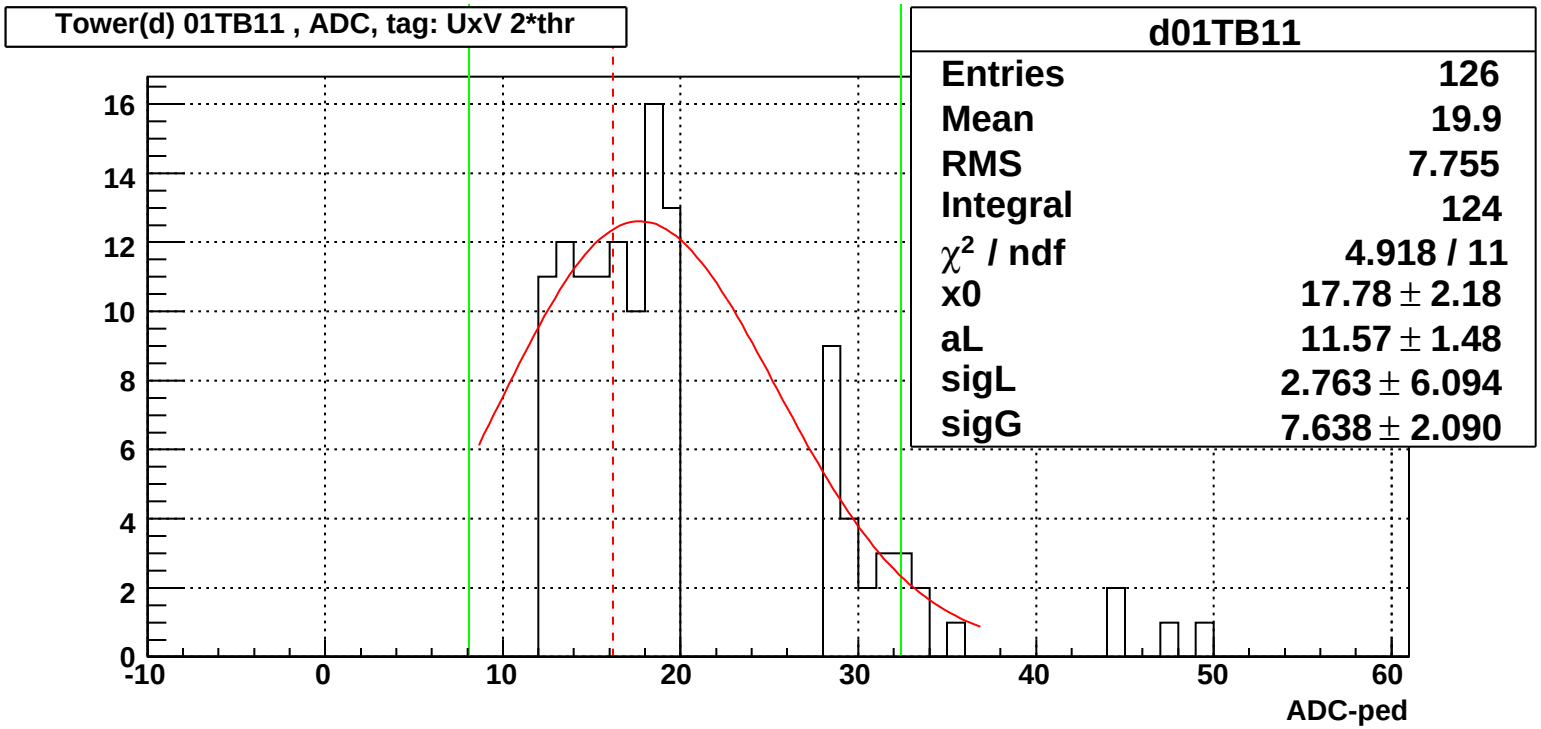
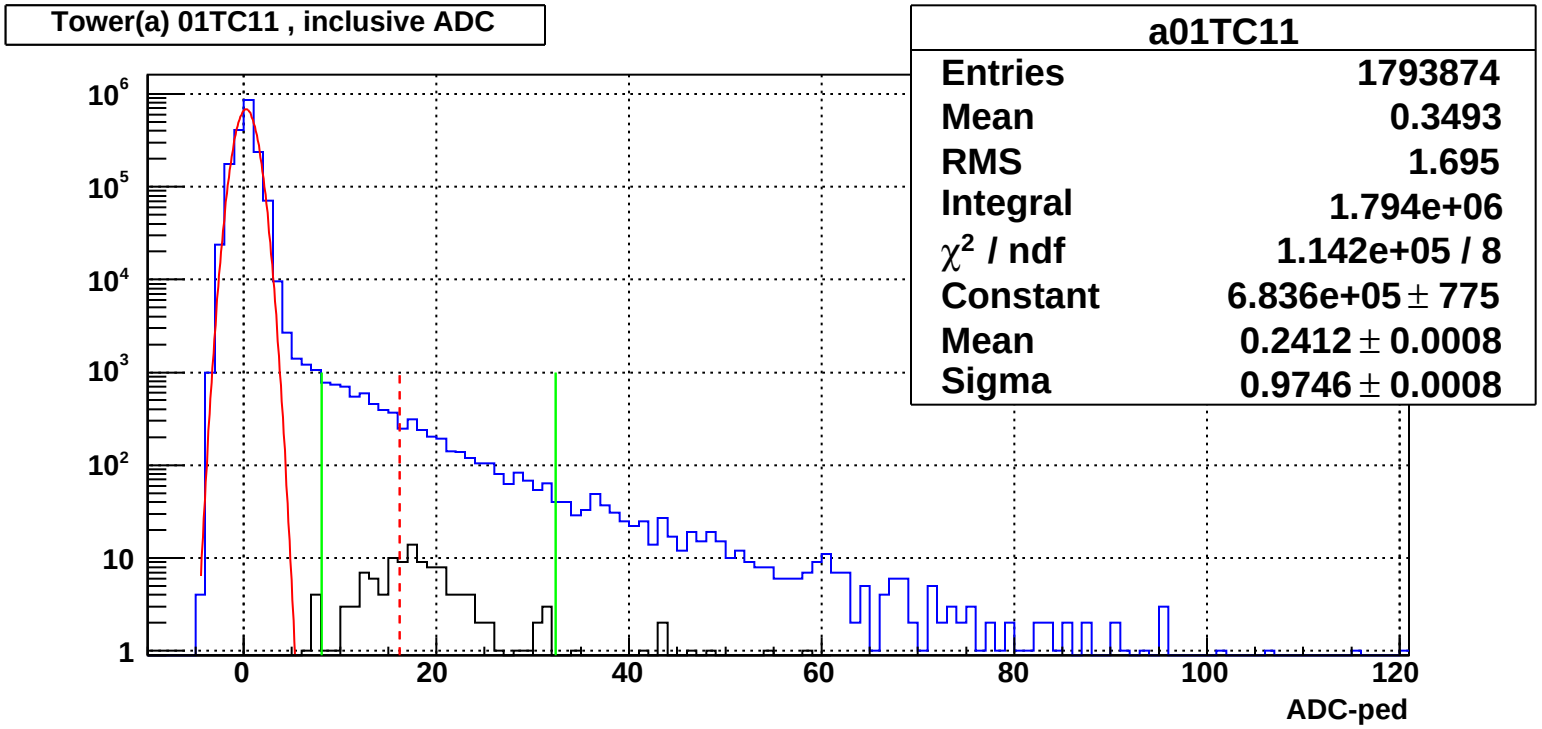
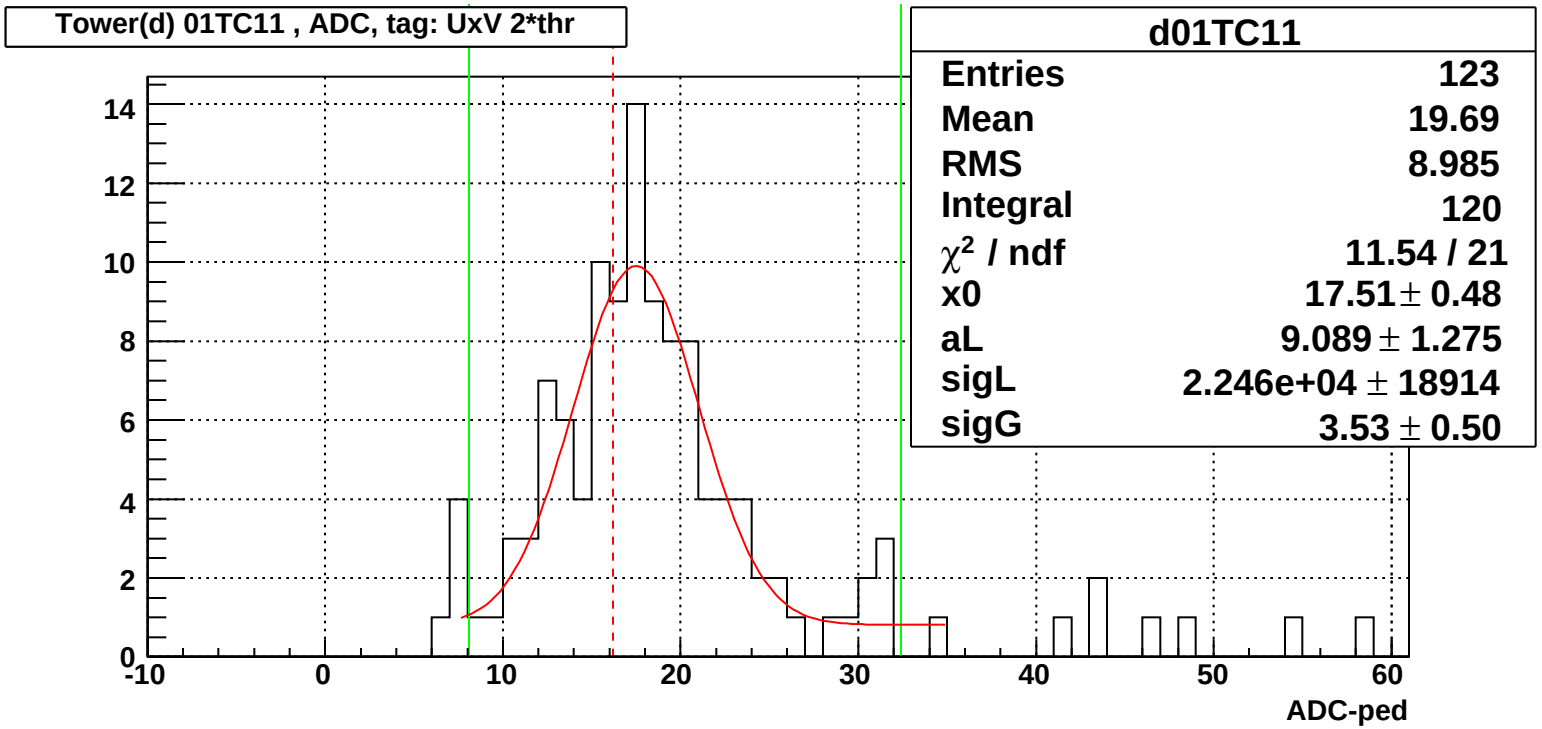

Tower(a) 01TA11 , inclusive ADC
a01TA11
Entries 1793874
Mean 0.3771
RMS 1.546
Integral 1.794e+06
χ² / ndf 7.866e+04 / 7
Constant 1.093e+06 ± 1541
Mean 0.3209 ± 0.0006
Sigma 0.6224 ± 0.0007
ADC-ped

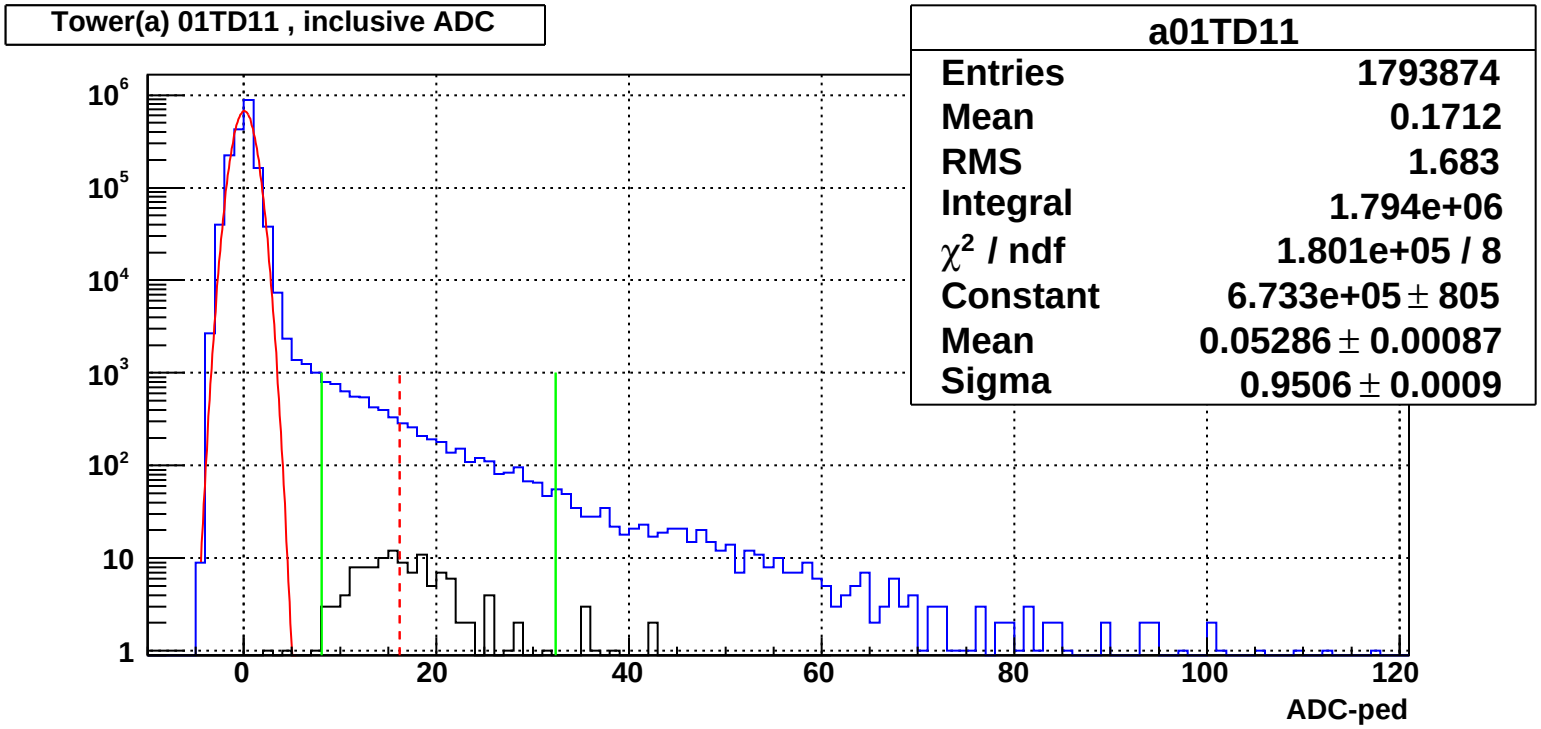

Tower(d) 01TA11 , ADC, tag: UxV 2*thr
d01TA11
Entries 144
Mean 17.61
RMS 5.824
Integral 143
χ² / ndf 37.31 / 17
x0 15.37 ± 1388478.88
aL 11.11± 1388478.88
sigL 9.364e+04 ± 1
sigG 2.82 ± 1388478.88
ADC-ped

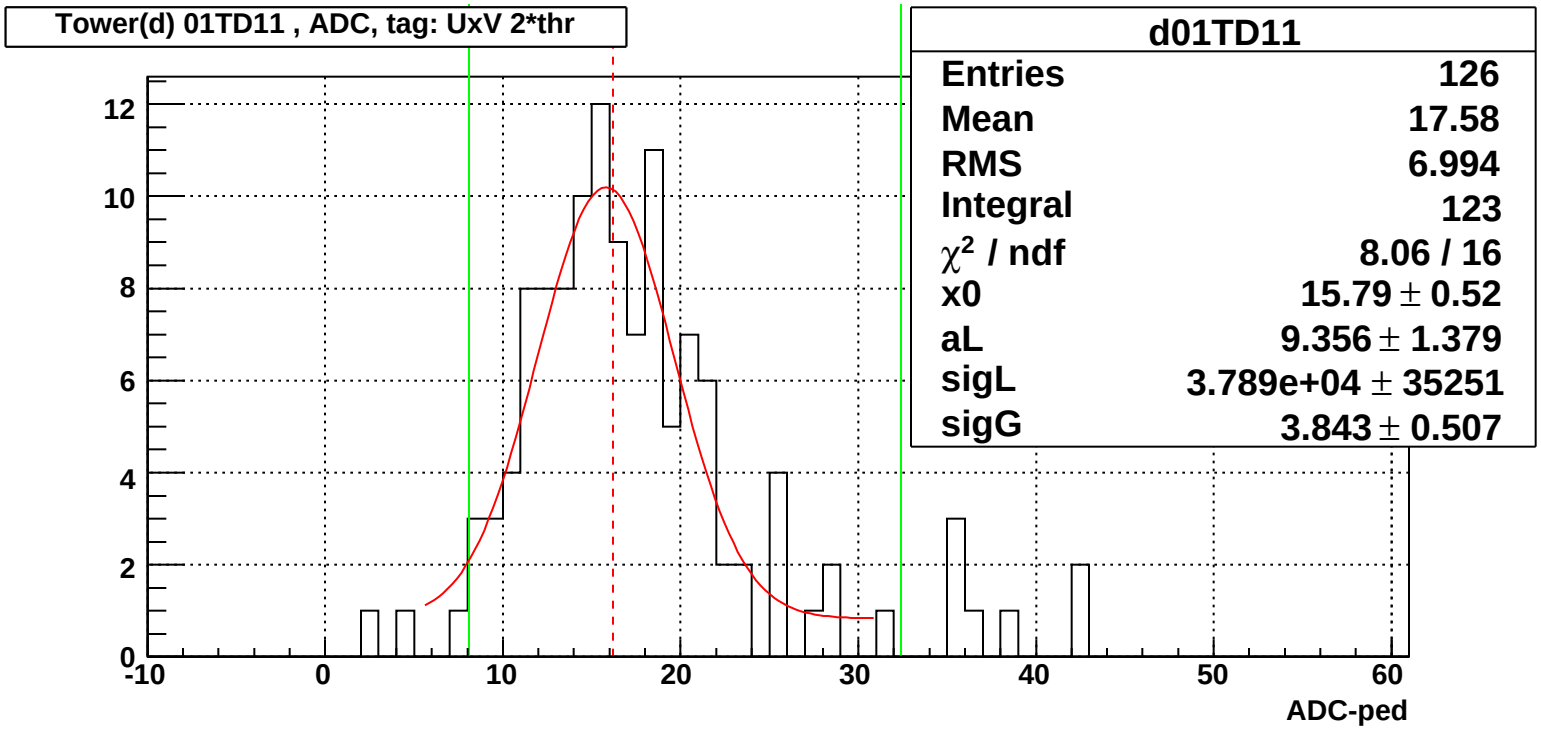

Tower(a) 01TB11 , inclusive ADC
a01TB11
Entries 1793874
Mean 0.3281
RMS 1.833
Integral 1.794e+06
χ² / ndf 1.266e+05 / 5
Constant 1.13e+06 ± 1718
Mean 0.2911 ± 0.0006
Sigma 0.584 ± 0.001
ADC-ped

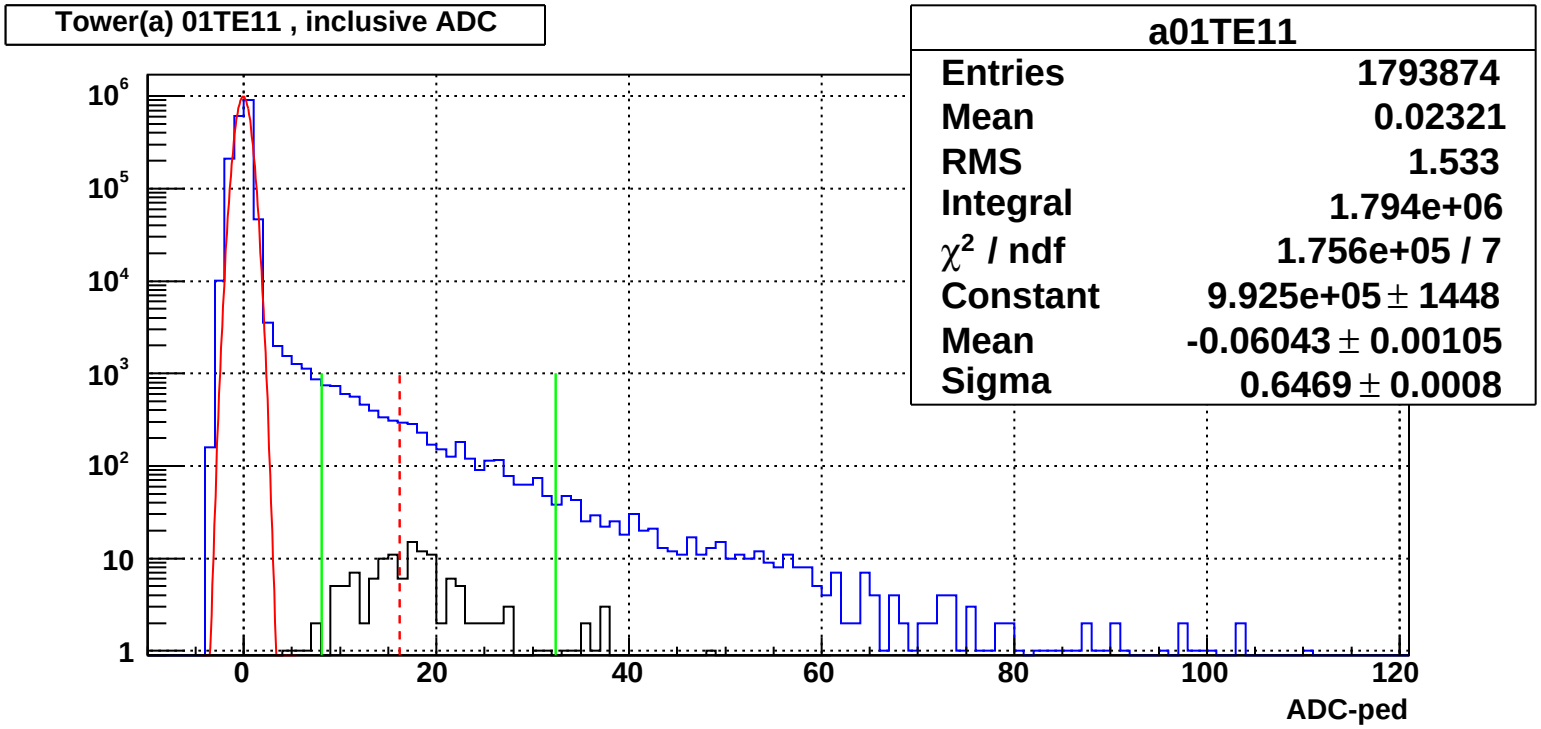

Tower(d) 01TB11 , ADC, tag: UxV 2*thr
d01TB11
Entries 126
Mean 19.9
RMS 7.755
Integral 124
χ² / ndf 4.918 / 11
x0 17.78 ± 2.18
aL 11.57 ± 1.48
sigL 2.763 ± 6.094
sigG 7.638 ± 2.090
ADC-ped

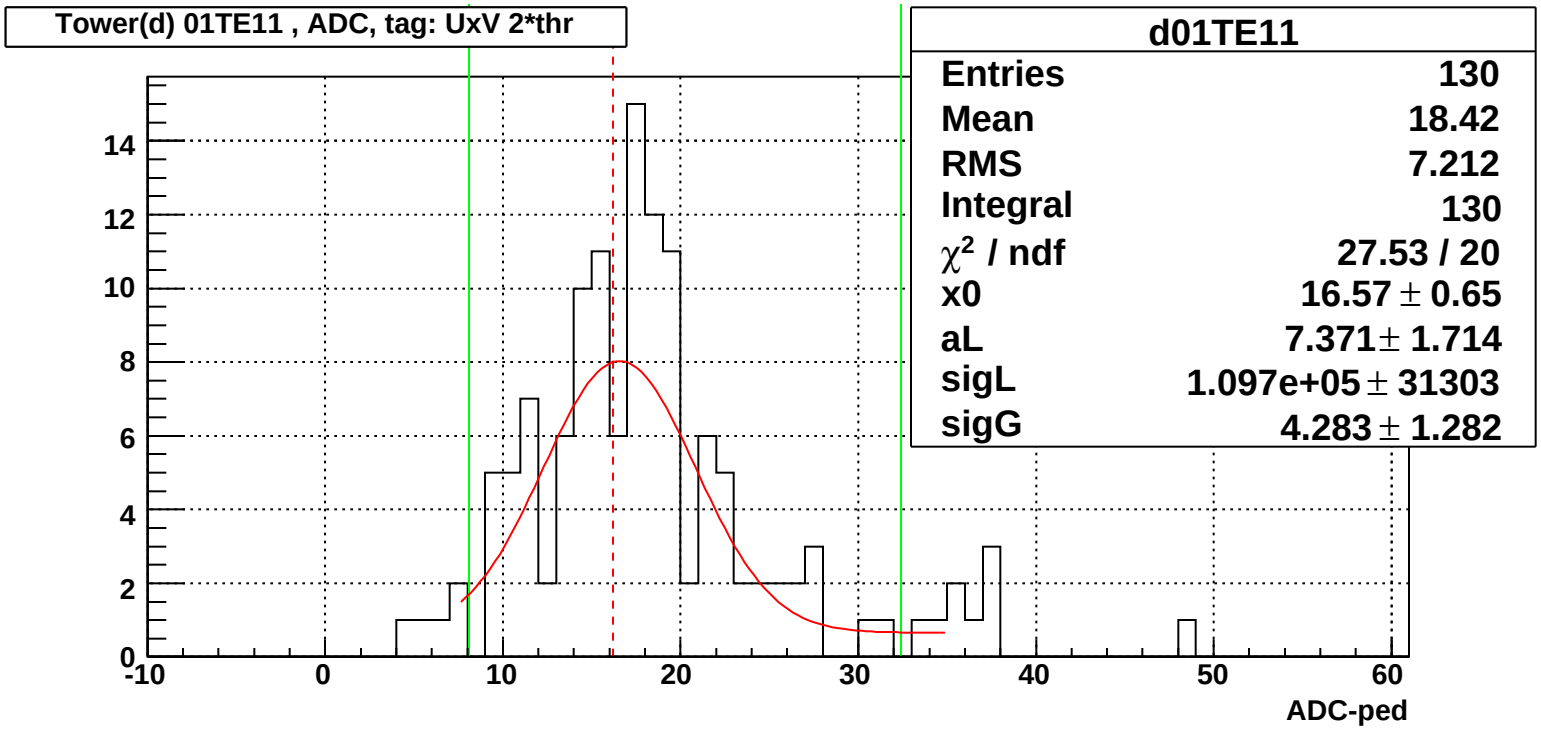

Tower(a) 01TC11 , inclusive ADC
a01TC11
Entries 1793874
Mean 0.3493
RMS 1.695
Integral 1.794e+06
χ² / ndf 1.142e+05 / 8
Constant 6.836e+05 ± 775
Mean 0.2412 ± 0.0008
Sigma 0.9746 ± 0.0008
ADC-ped

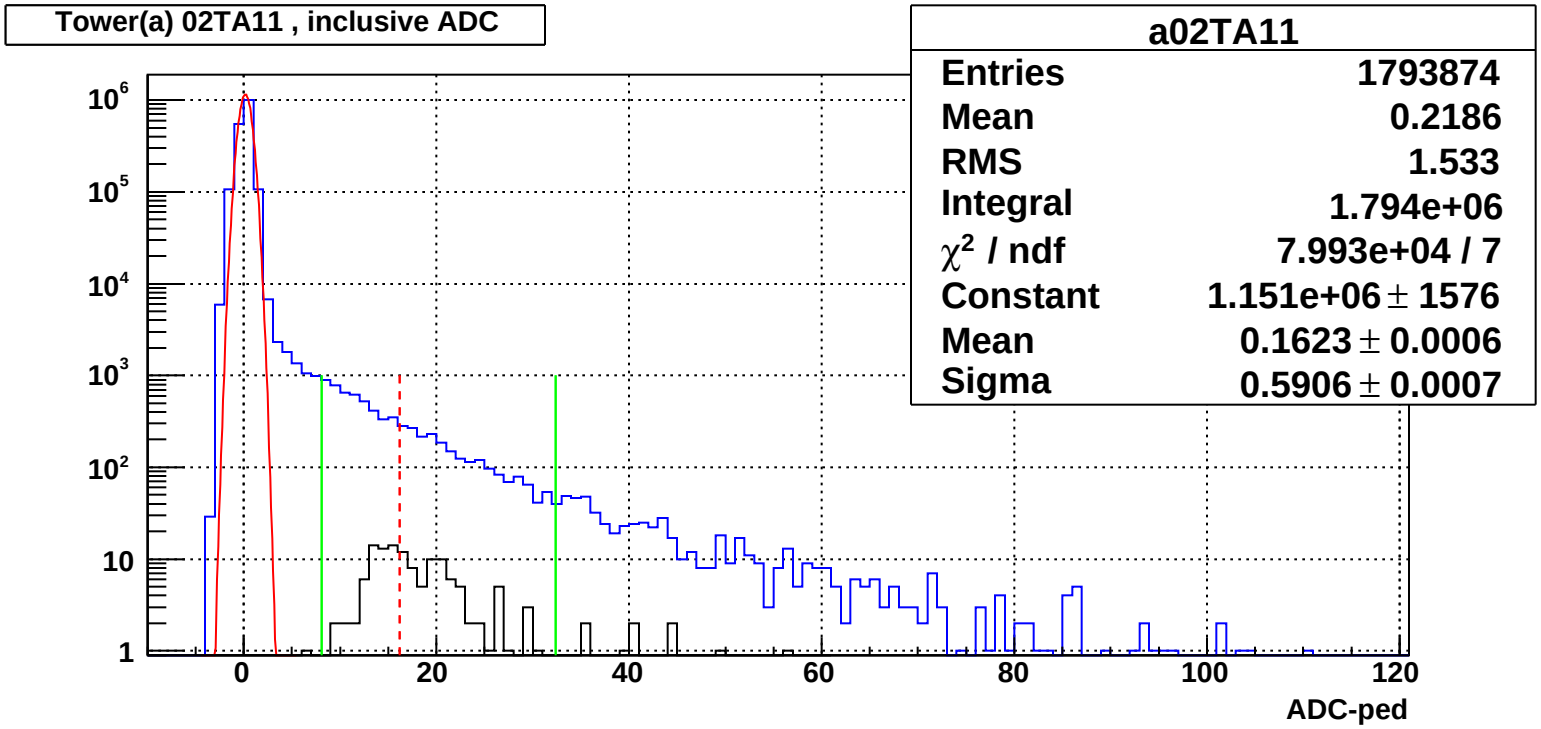

Tower(d) 01TC11 , ADC, tag: UxV 2*thr
d01TC11
Entries 123
Mean 19.69
RMS 8.985
Integral 120
χ² / ndf 11.54 / 21
x0 17.51 ± 0.48
aL 9.089 ± 1.275
sigL 2.246e+04 ± 18914
sigG 3.53 ± 0.50
ADC-ped

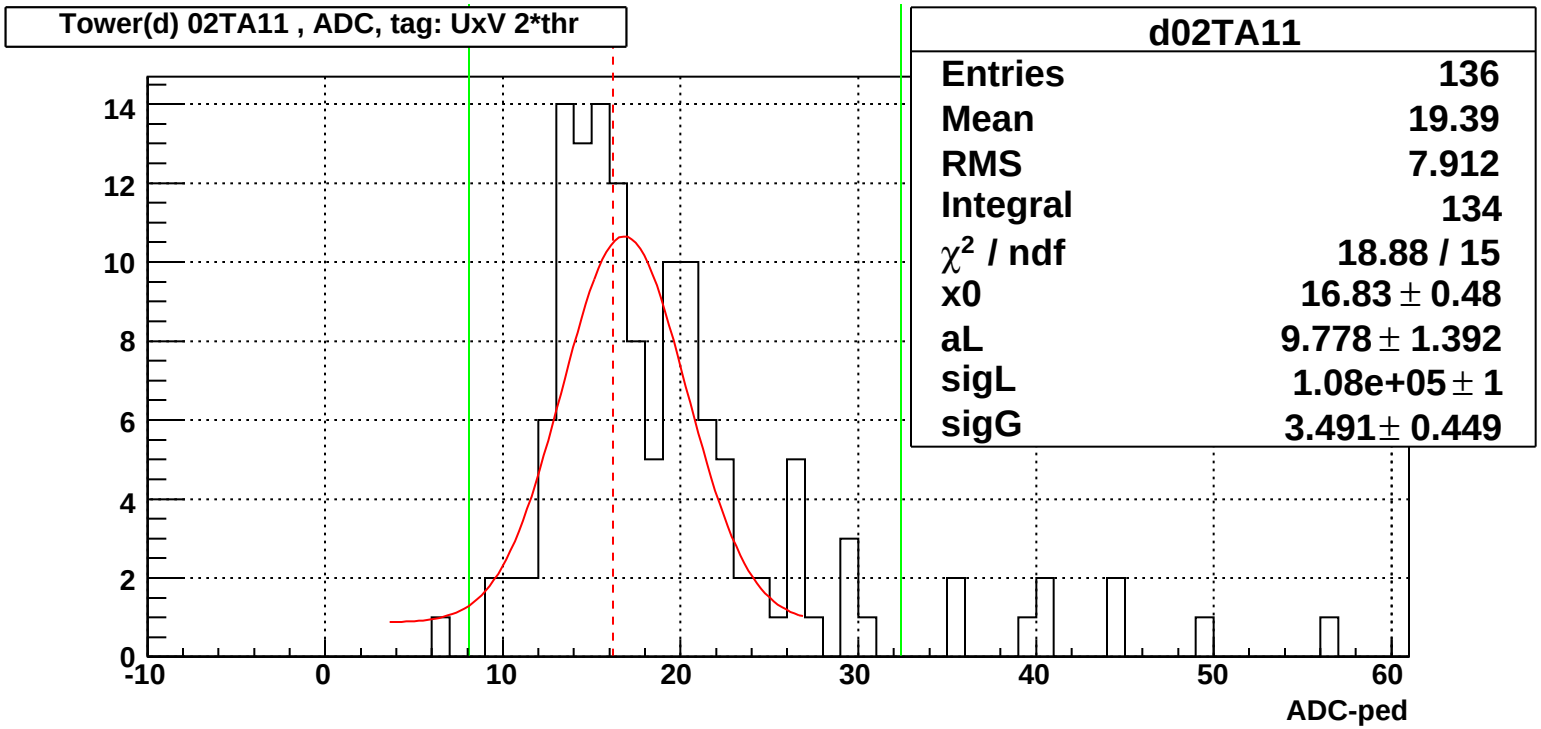

Tower(a) 01TD11 , inclusive ADC
a01TD11
Entries 1793874
Mean 0.1712
RMS 1.683
Integral 1.794e+06
χ² / ndf 1.801e+05 / 8
Constant 6.733e+05 ± 805
Mean 0.05286 ± 0.00087
Sigma 0.9506 ± 0.0009
ADC-ped

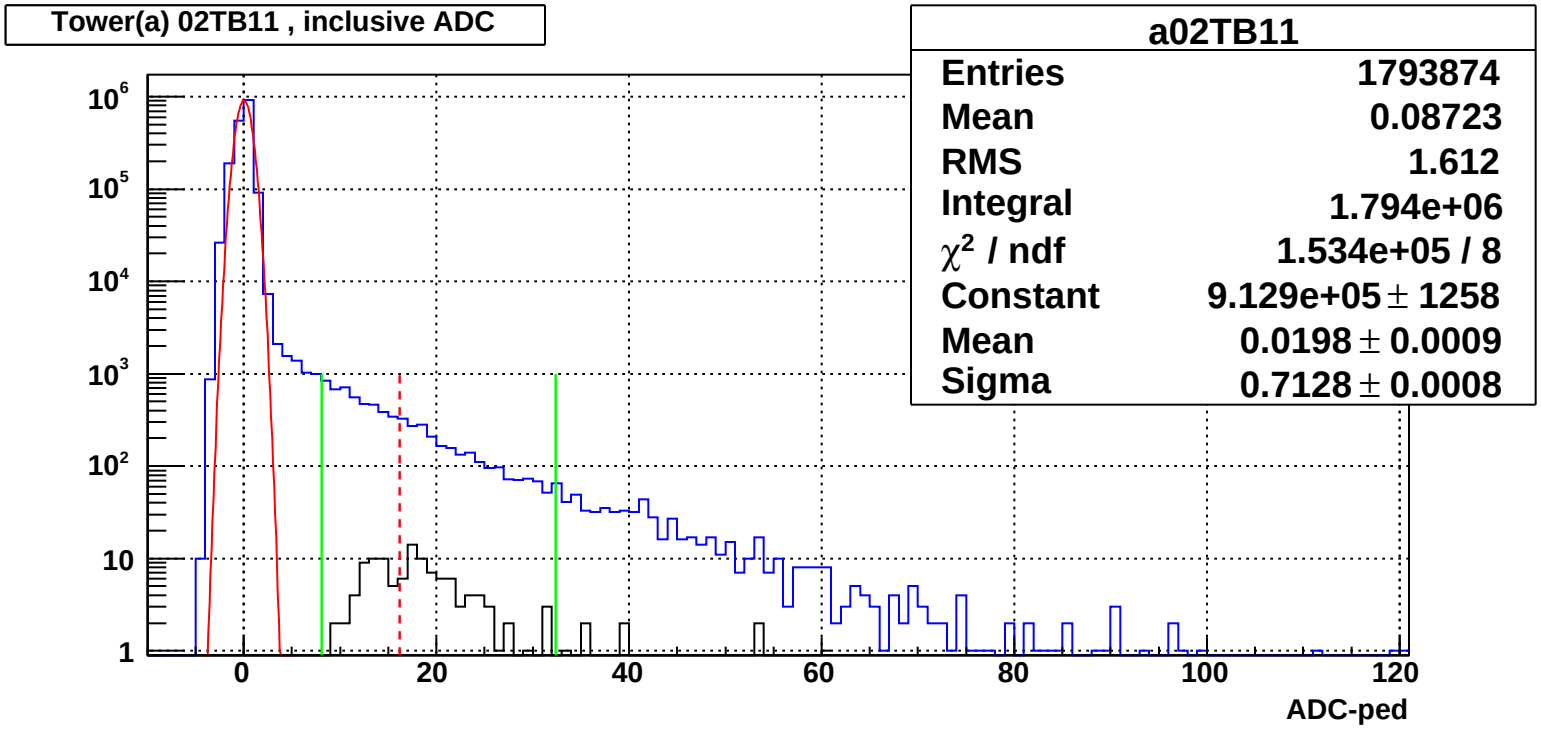

Tower(d) 01TD11 , ADC, tag: UxV 2*thr
d01TD11
Entries 126
Mean 17.58
RMS 6.994
Integral 123
χ² / ndf 8.06 / 16
x0 15.79 ± 0.52
aL 9.356 ± 1.379
sigL 3.789e+04 ± 35251
sigG 3.843 ± 0.507
ADC-ped

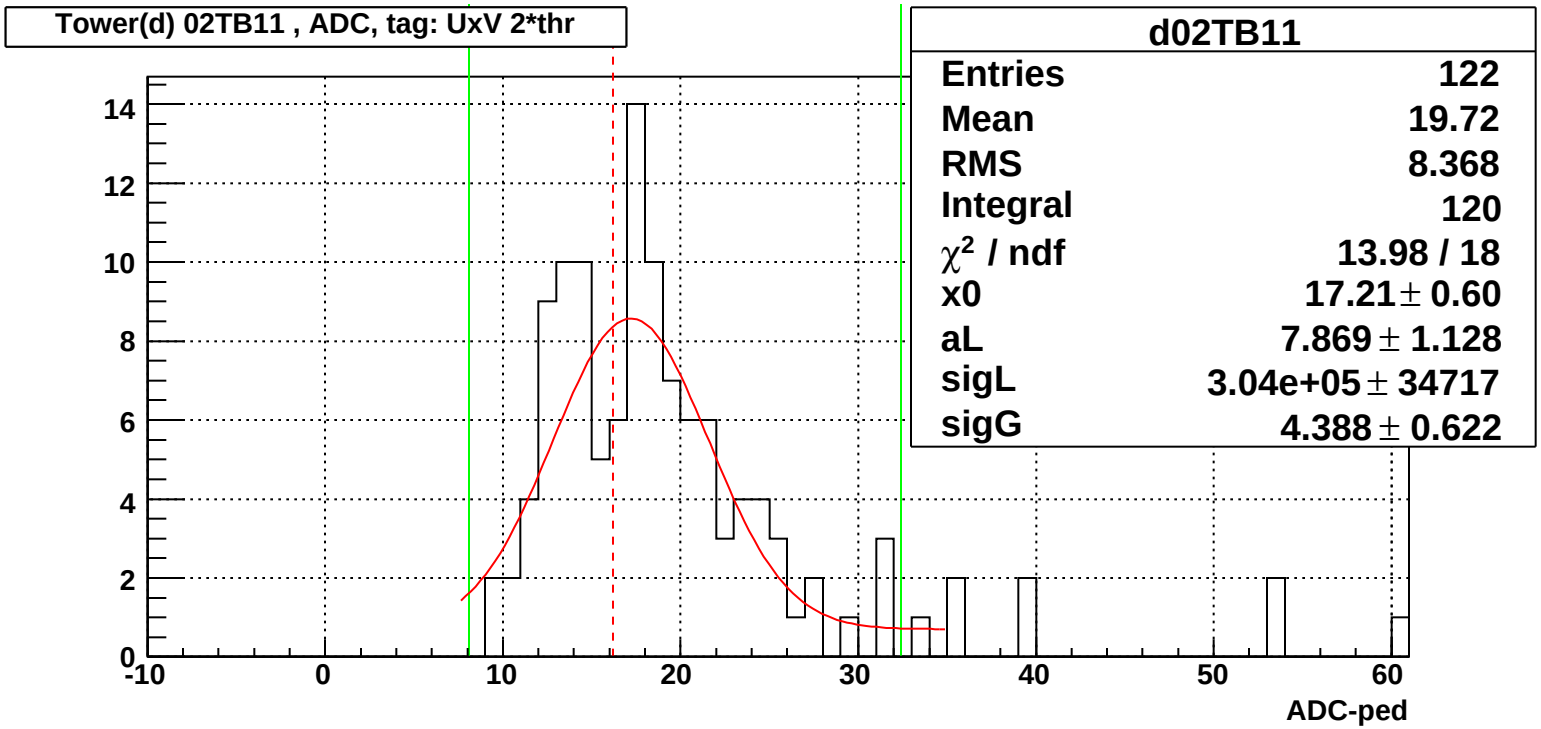

Tower(a) 01TE11 , inclusive ADC
a01TE11
Entries 1793874
Mean 0.02321
RMS 1.533
Integral 1.794e+06
χ² / ndf 1.756e+05 / 7
Constant 9.925e+05 ± 1448
Mean -0.06043 ± 0.00105
Sigma 0.6469 ± 0.0008
ADC-ped

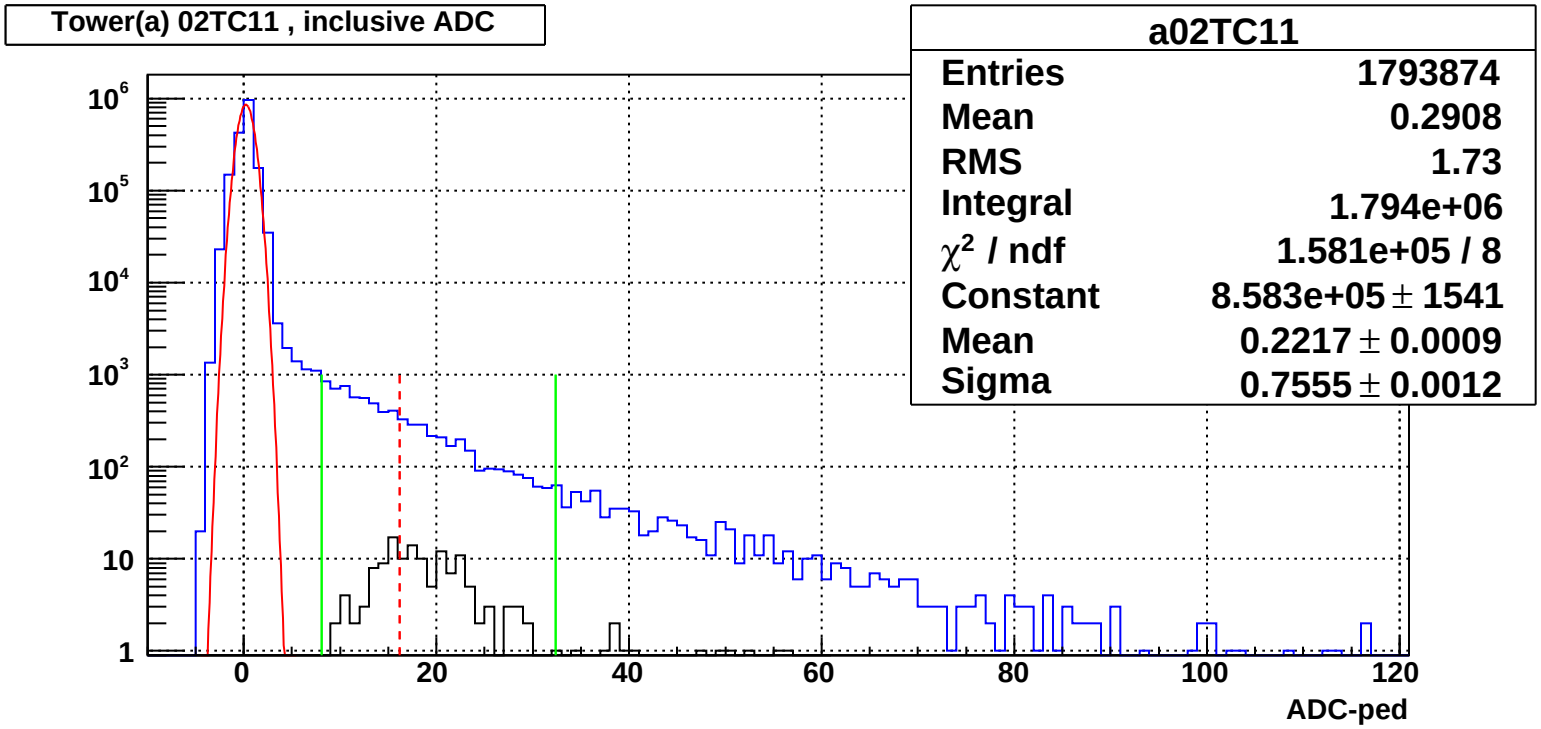

Tower(d) 01TE11 , ADC, tag: UxV 2*thr
d01TE11
Entries 130
Mean 18.42
RMS 7.212
Integral 130
χ² / ndf 27.53 / 20
x0 16.57 ± 0.65
aL 7.371 ± 1.714
sigL 1.097e+05 ± 31303
sigG 4.283 ± 1.282
ADC-ped

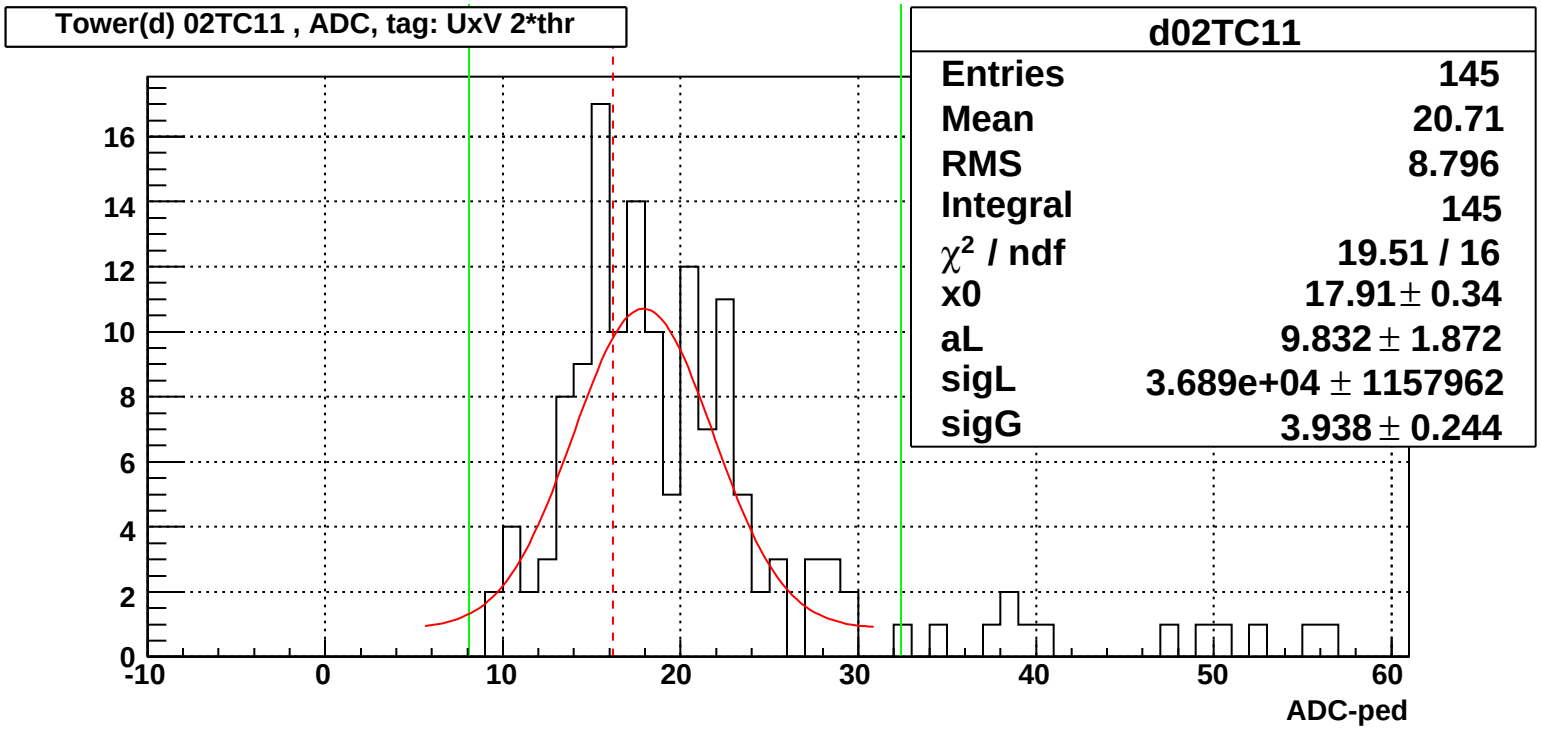

Tower(a) 02TA11 , inclusive ADC
a02TA11
Entries 1793874
Mean 0.2186
RMS 1.533
Integral 1.794e+06
χ² / ndf 7.993e+04 / 7
Constant 1.151e+06 ± 1576
Mean 0.1623 ± 0.0006
Sigma 0.5906 ± 0.0007
ADC-ped

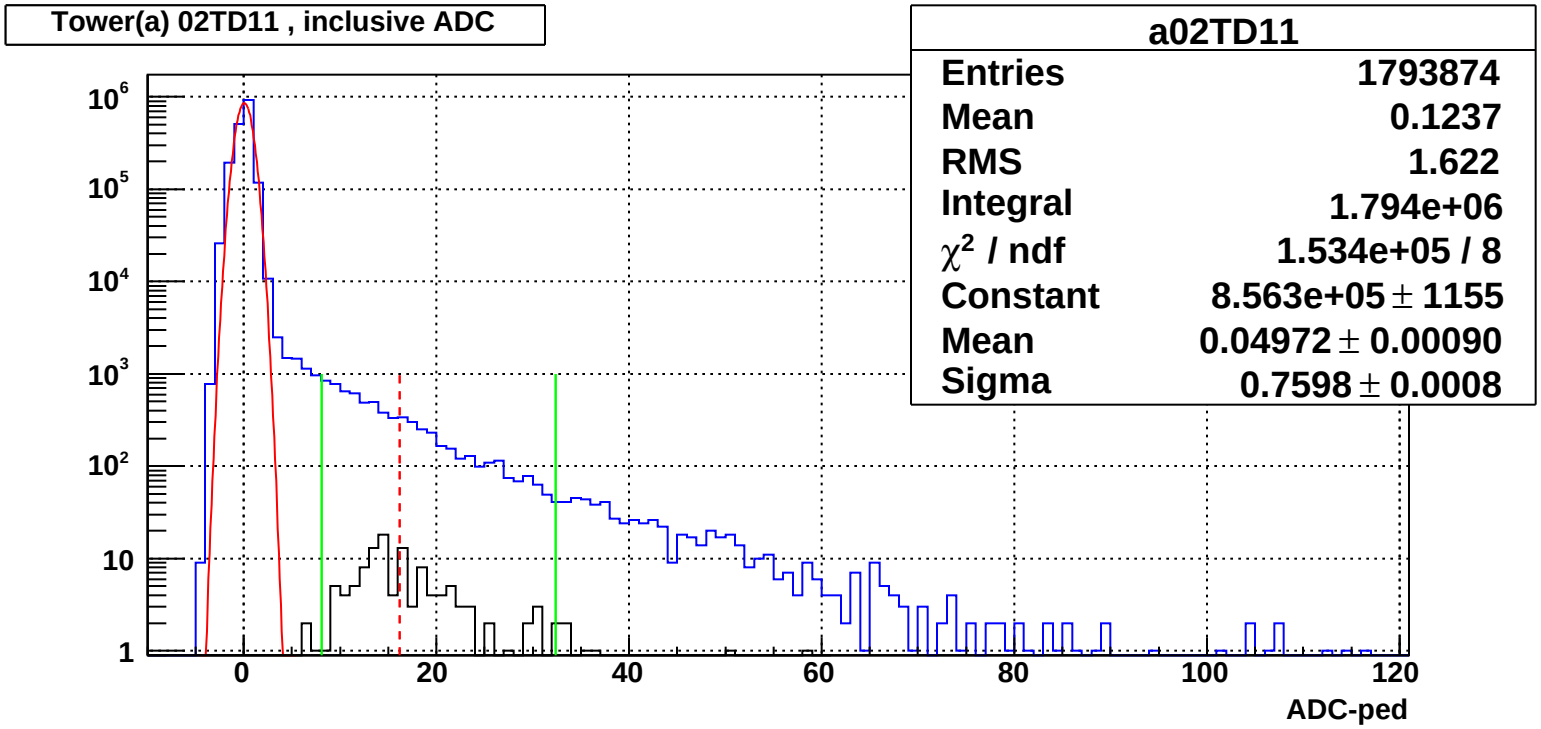

Tower(d) 02TA11 , ADC, tag: UxV 2*thr
d02TA11
Entries 136
Mean 19.39
RMS 7.912
Integral 134
χ² / ndf 18.88 / 15
x0 16.83 ± 0.48
aL 9.778 ± 1.392
sigL 1.08e+05 ± 1
sigG 3.491 ± 0.449
ADC-ped

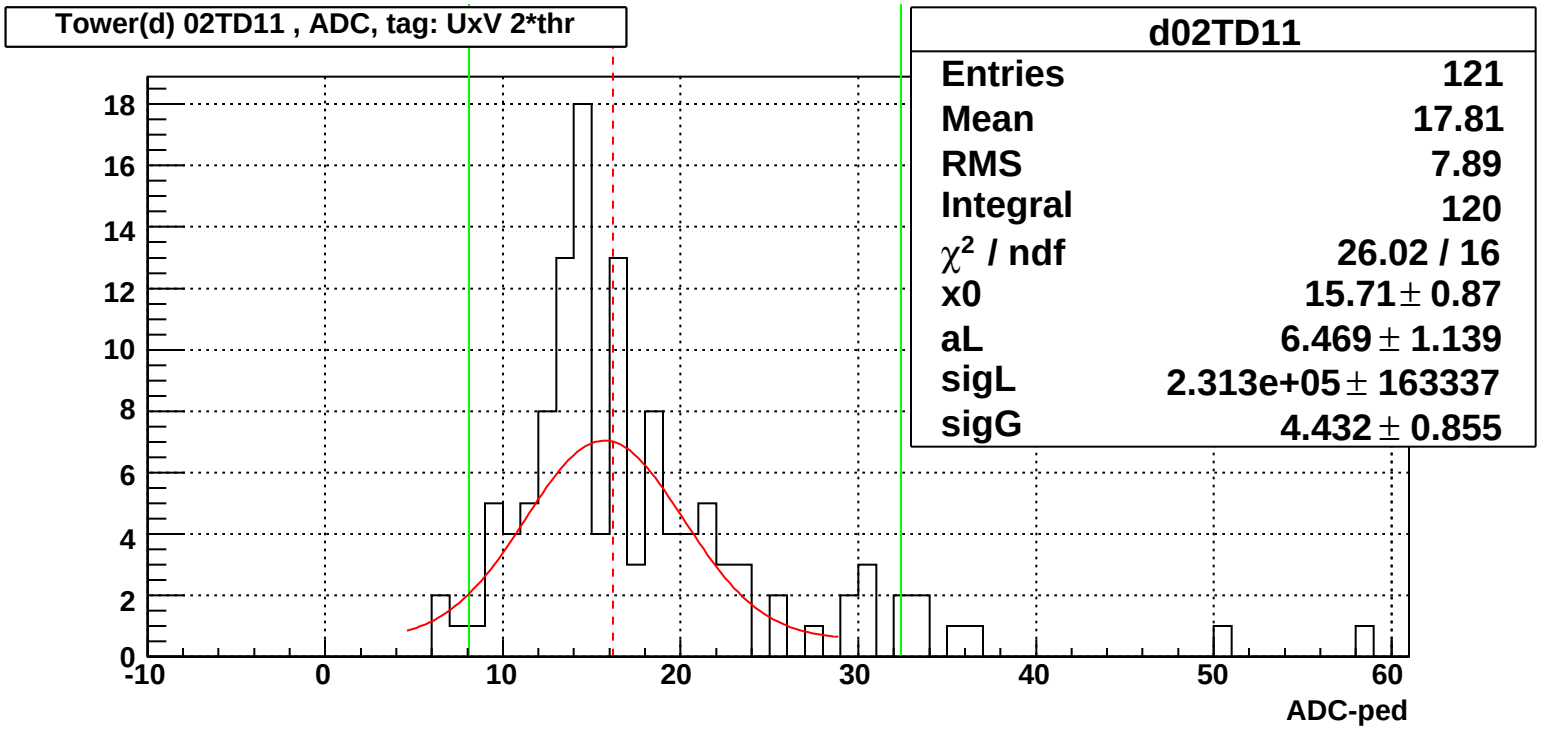

Tower(a) 02TB11 , inclusive ADC
a02TB11
Entries 1793874
Mean 0.08723
RMS 1.612
Integral 1.794e+06
χ² / ndf 1.534e+05 / 8
Constant 9.129e+05 ± 1258
Mean 0.0198 ± 0.0009
Sigma 0.7128 ± 0.0008
ADC-ped

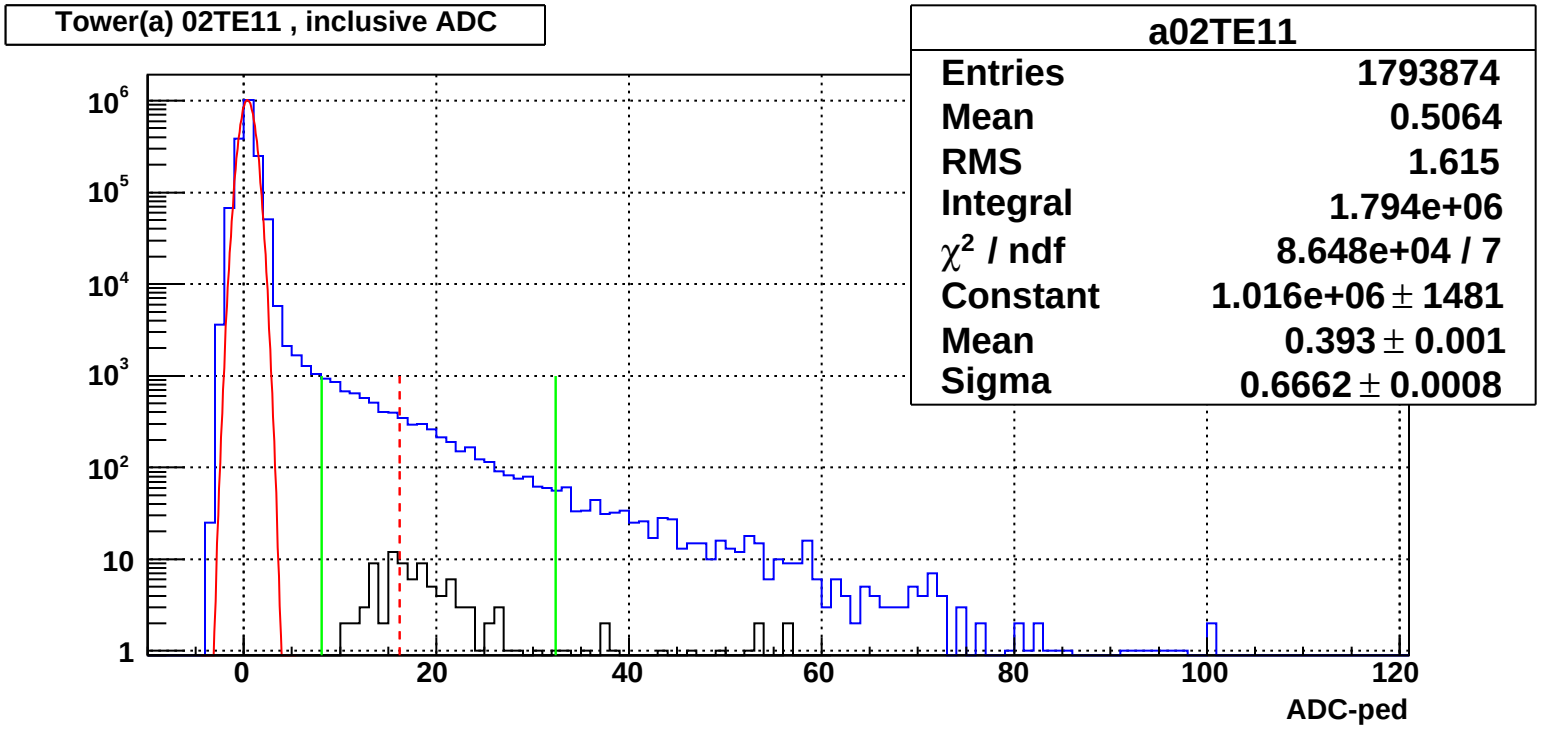

Tower(d) 02TB11 , ADC, tag: UxV 2*thr
d02TB11
Entries 122
Mean 19.72
RMS 8.368
Integral 120
χ² / ndf 13.98 / 18
x0 17.21 ± 0.60
aL 7.869 ± 1.128
sigL 3.04e+05 ± 34717
sigG 4.388 ± 0.622
ADC-ped

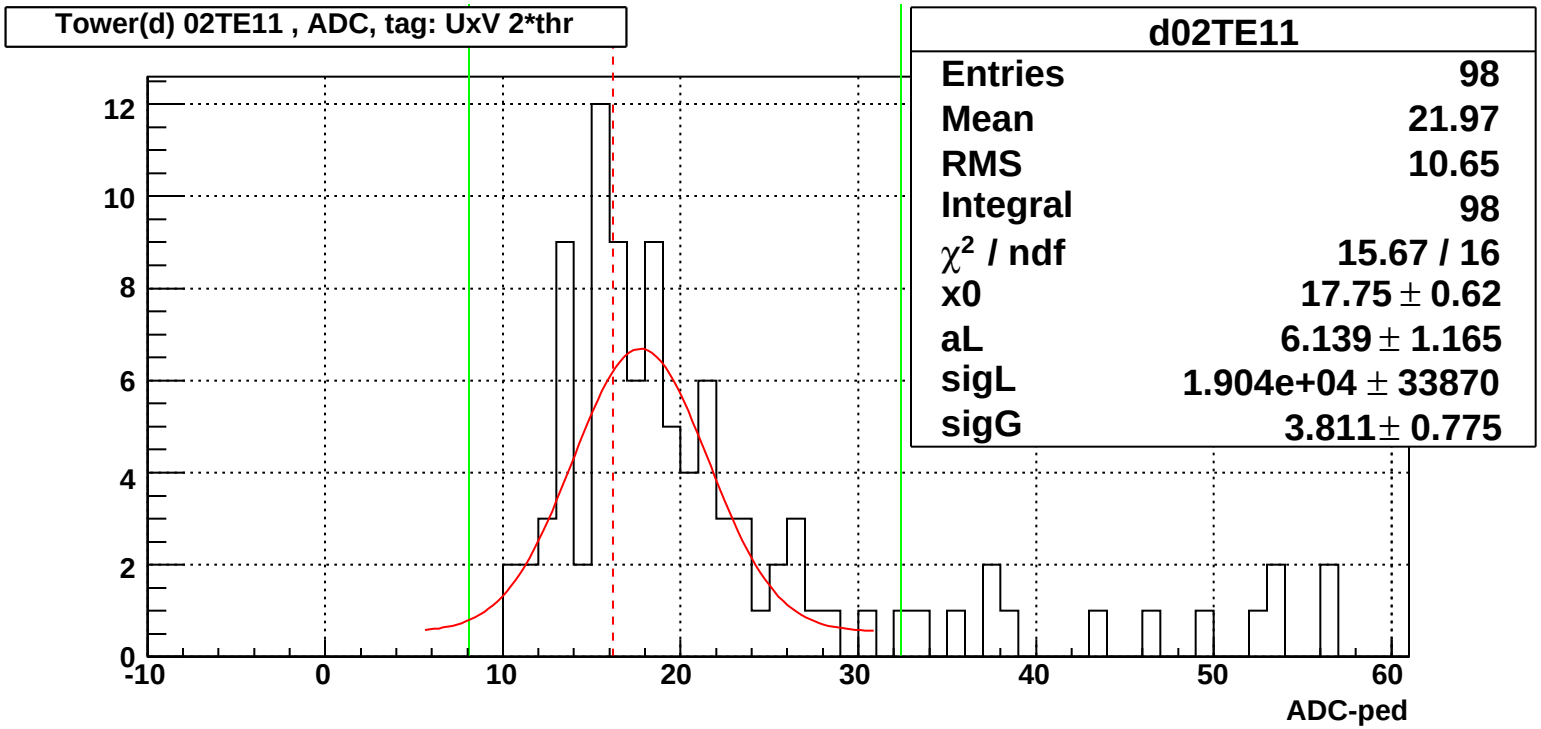

Tower(a) 02TC11 , inclusive ADC
a02TC11
Entries 1793874
Mean 0.2908
RMS 1.73
Integral 1.794e+06
χ² / ndf 1.581e+05 / 8
Constant 8.583e+05 ± 1541
Mean 0.2217 ± 0.0009
Sigma 0.7555 ± 0.0012
ADC-ped

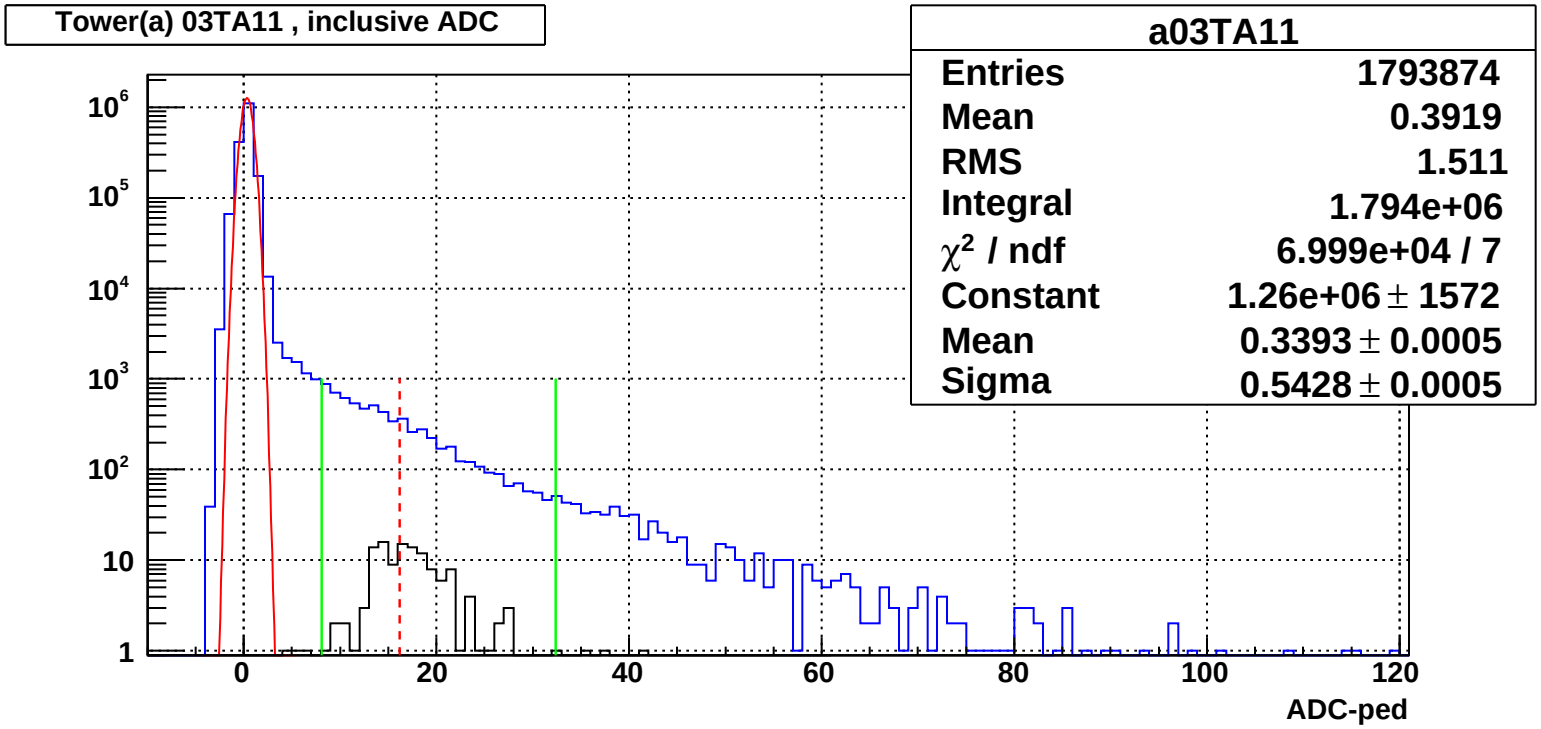

Tower(d) 02TC11 , ADC, tag: UxV 2*thr
d02TC11
Entries 145
Mean 20.71
RMS 8.796
Integral 145
χ² / ndf 19.51 / 16
x0 17.91 ± 0.34
aL 9.832 ± 1.872
sigL 3.689e+04 ± 1157962
sigG 3.938 ± 0.244
ADC-ped

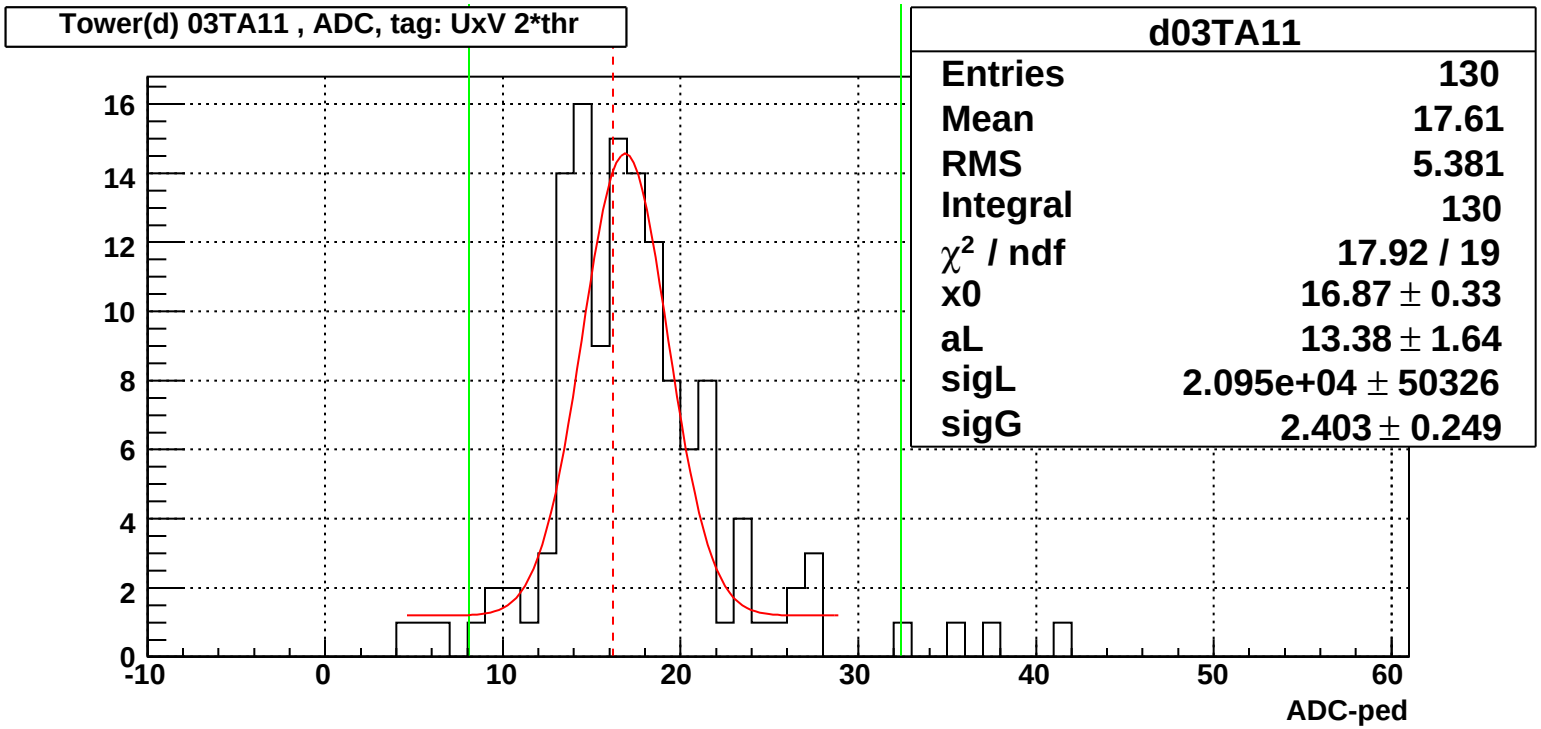

Tower(a) 02TD11 , inclusive ADC
a02TD11
Entries 1793874
Mean 0.1237
RMS 1.622
Integral 1.794e+06
χ² / ndf 1.534e+05 / 8
Constant 8.563e+05 ± 1155
Mean 0.04972 ± 0.00090
Sigma 0.7598 ± 0.0008
ADC-ped

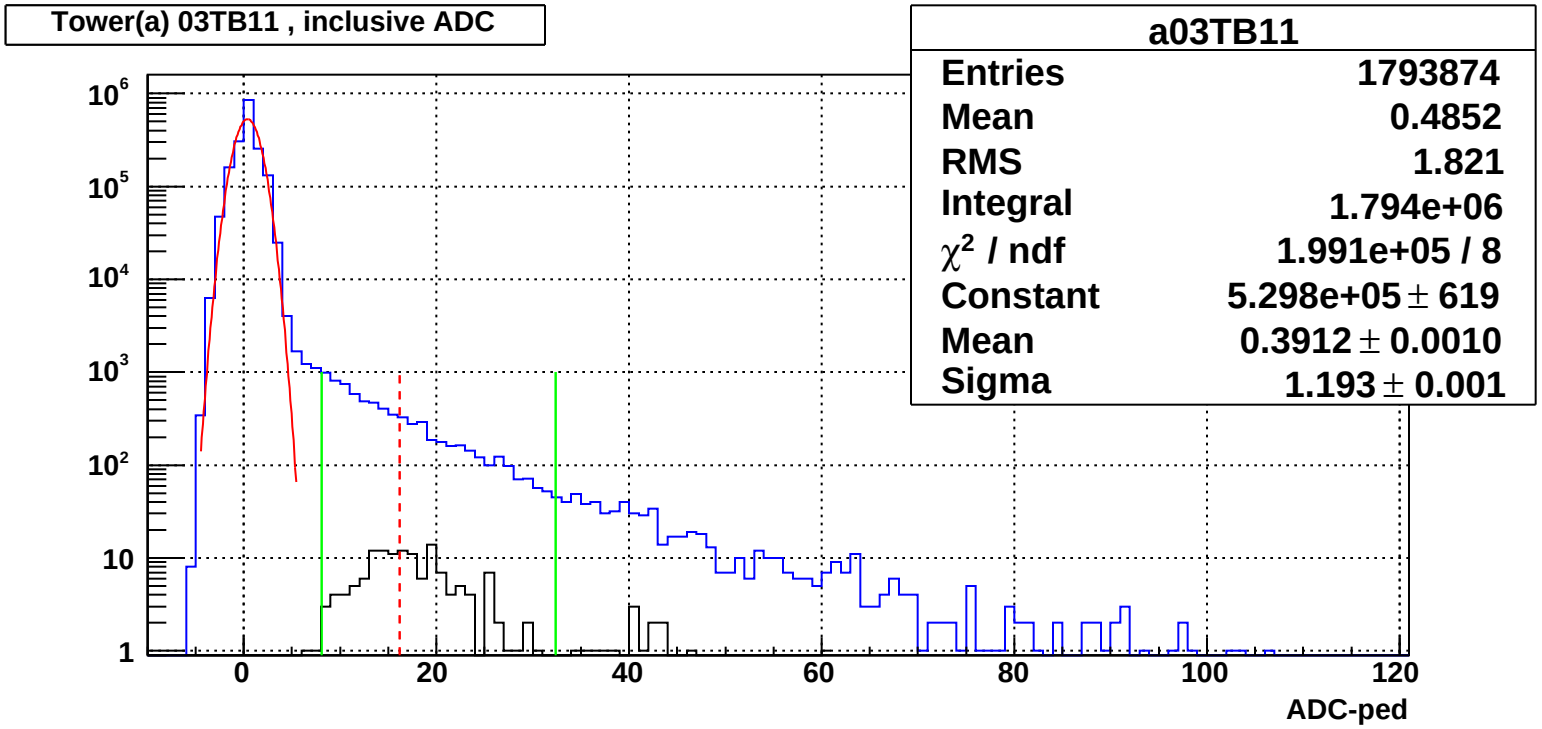

Tower(d) 02TD11 , ADC, tag: UxV 2*thr
d02TD11
Entries 121
Mean 17.81
RMS 7.89
Integral 120
χ² / ndf 26.02 / 16
x0 15.71 ± 0.87
aL 6.469 ± 1.139
sigL 2.313e+05 ± 163337
sigG 4.432 ± 0.855
ADC-ped

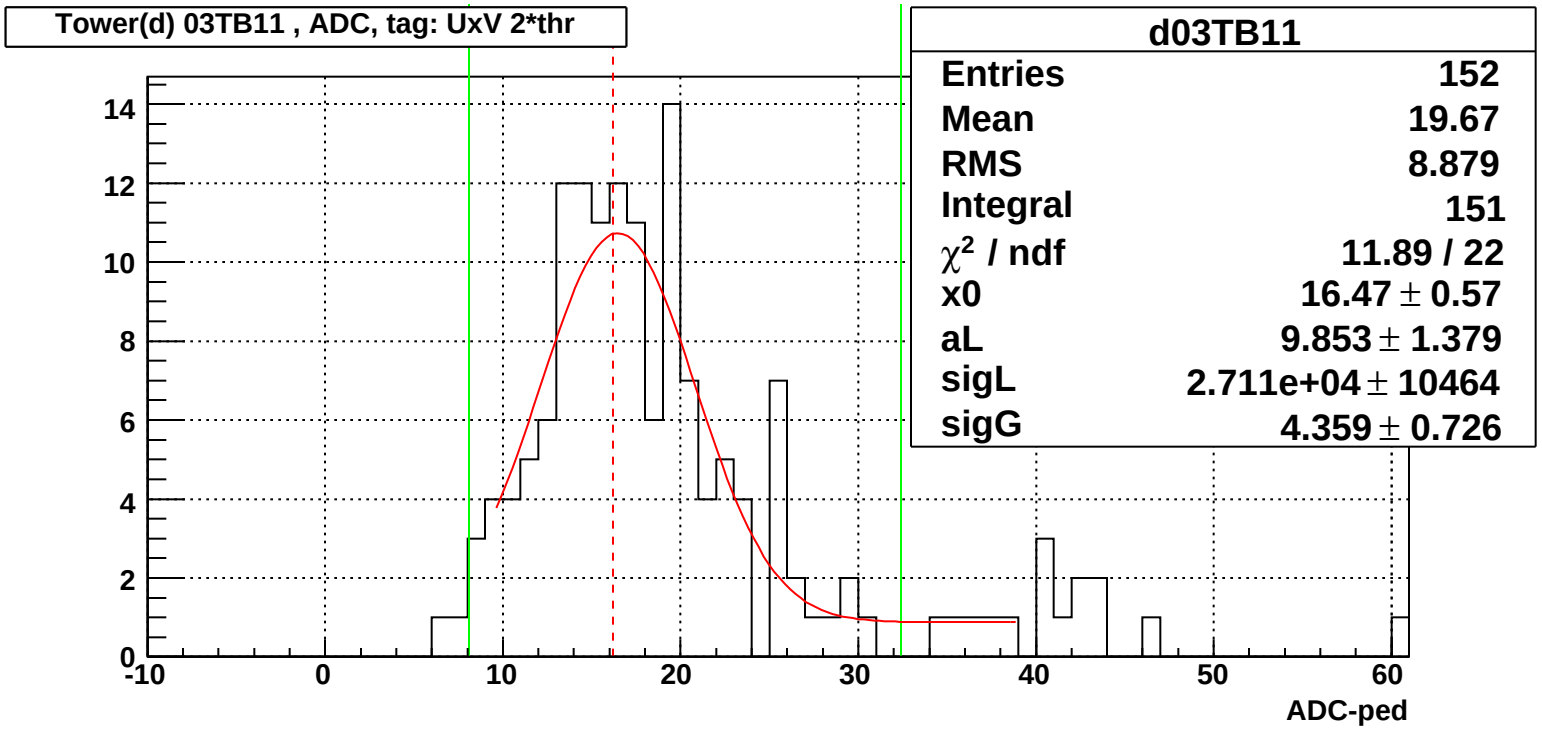

Tower(a) 02TE11 , inclusive ADC
a02TE11
Entries 1793874
Mean 0.5064
RMS 1.615
Integral 1.794e+06
χ² / ndf 8.648e+04 / 7
Constant 1.016e+06 ± 1481
Mean 0.393 ± 0.001
Sigma 0.6662 ± 0.0008
ADC-ped

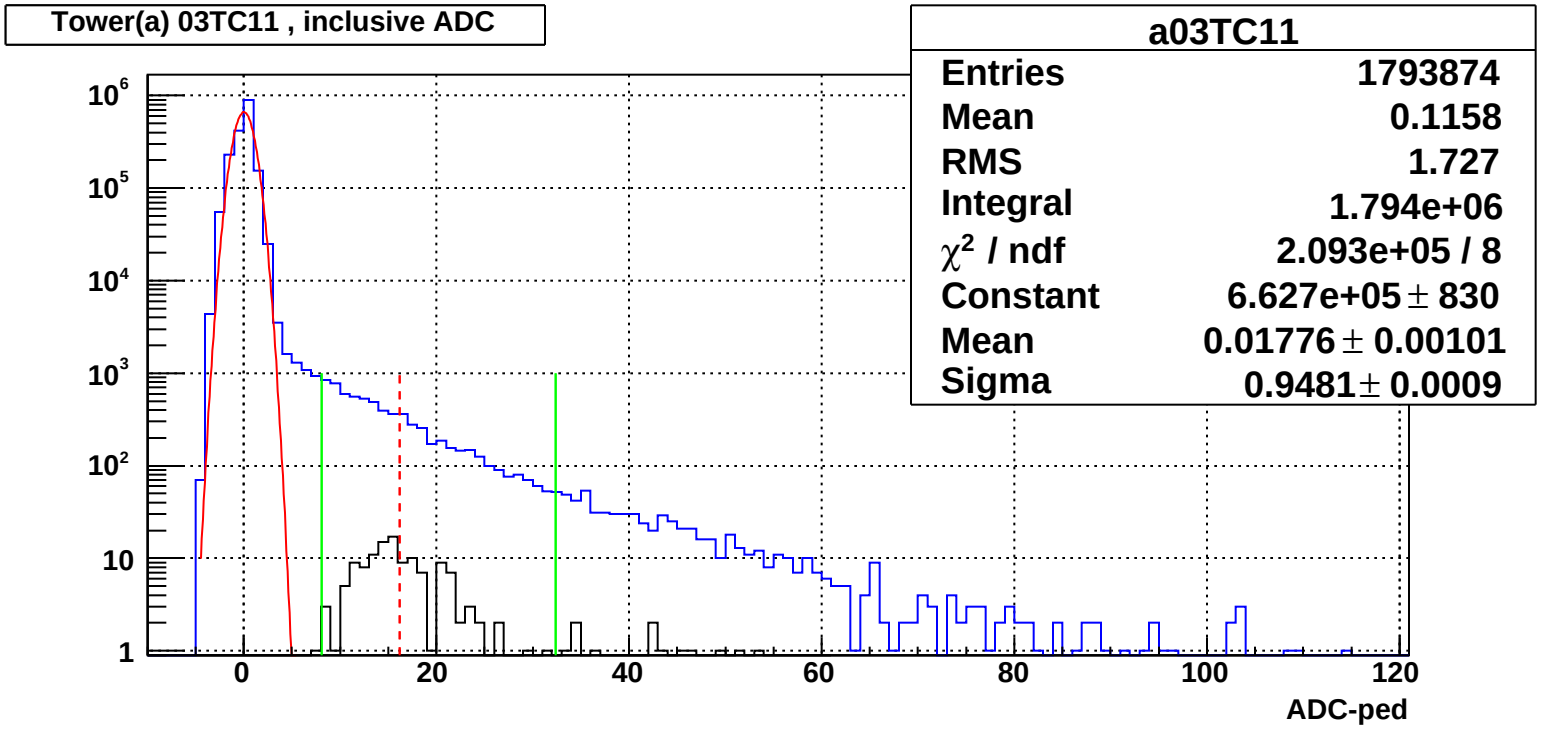

Tower(d) 02TE11 , ADC, tag: UxV 2*thr
d02TE11
Entries 98
Mean 21.97
RMS 10.65
Integral 98
χ² / ndf 15.67 / 16
x0 17.75 ± 0.62
aL 6.139 ± 1.165
sigL 1.904e+04 ± 33870
sigG 3.811 ± 0.775
ADC-ped

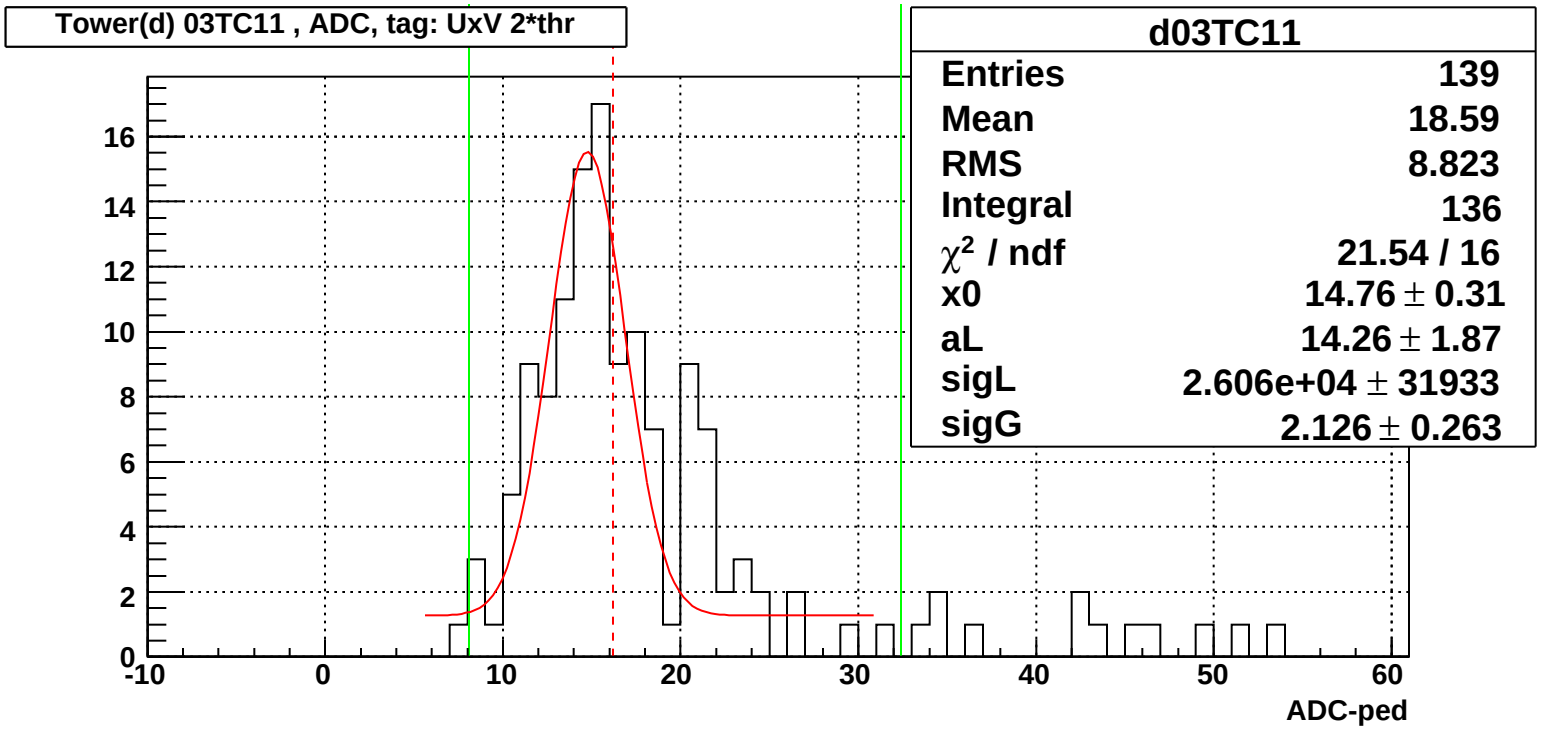

Tower(a) 03TA11 , inclusive ADC
a03TA11
Entries 1793874
Mean 0.3919
RMS 1.511
Integral 1.794e+06
χ² / ndf 6.999e+04 / 7
Constant 1.26e+06 ± 1572
Mean 0.3393 ± 0.0005
Sigma 0.5428 ± 0.0005
ADC-ped

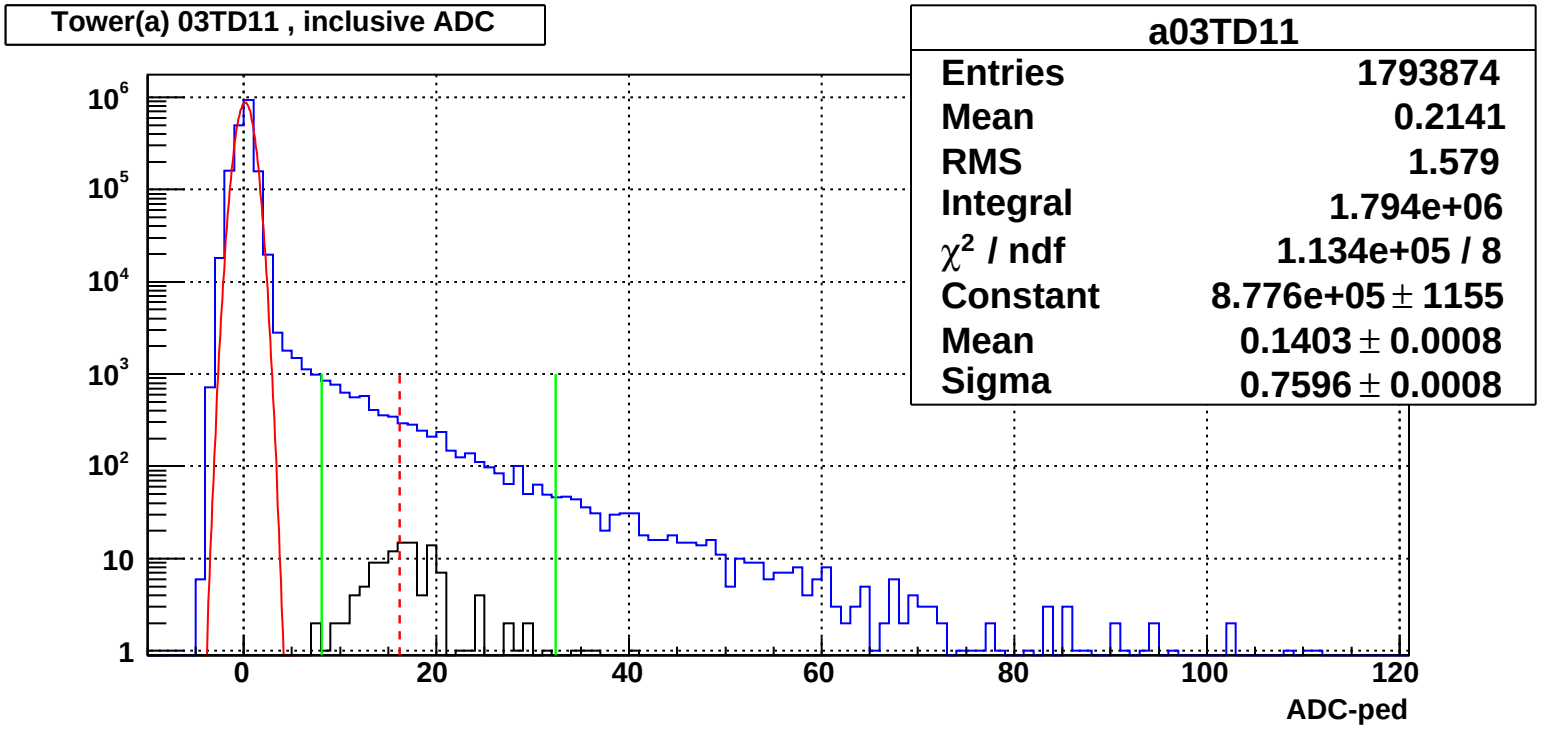

Tower(d) 03TA11 , ADC, tag: UxV 2*thr
d03TA11
Entries 130
Mean 17.61
RMS 5.381
Integral 130
χ² / ndf 17.92 / 19
x0 16.87 ± 0.33
aL 13.38 ± 1.64
sigL 2.095e+04 ± 50326
sigG 2.403 ± 0.249
ADC-ped

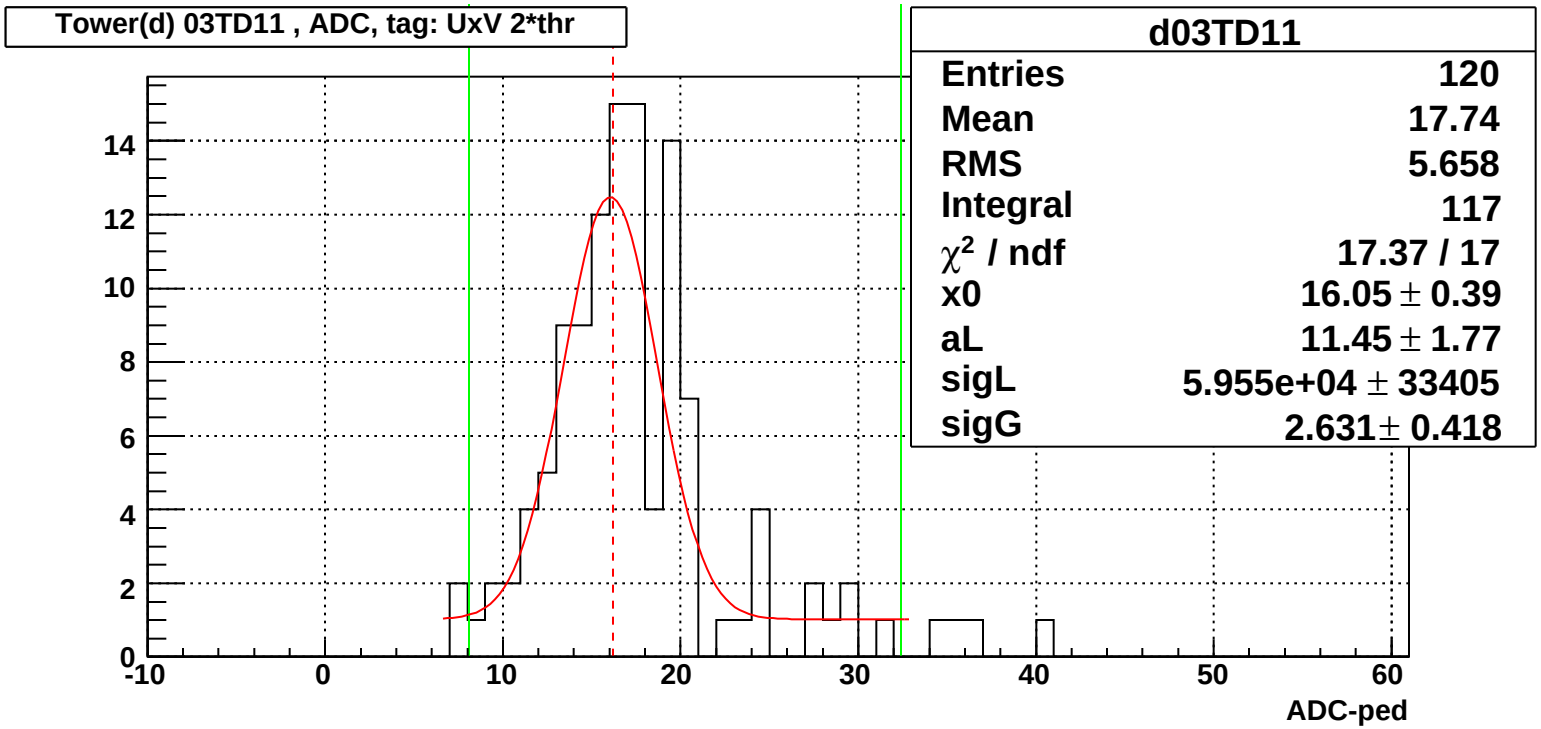

Tower(a) 03TB11 , inclusive ADC
a03TB11
Entries 1793874
Mean 0.4852
RMS 1.821
Integral 1.794e+06
χ² / ndf 1.991e+05 / 8
Constant 5.298e+05 ± 619
Mean 0.3912 ± 0.0010
Sigma 1.193 ± 0.001
ADC-ped

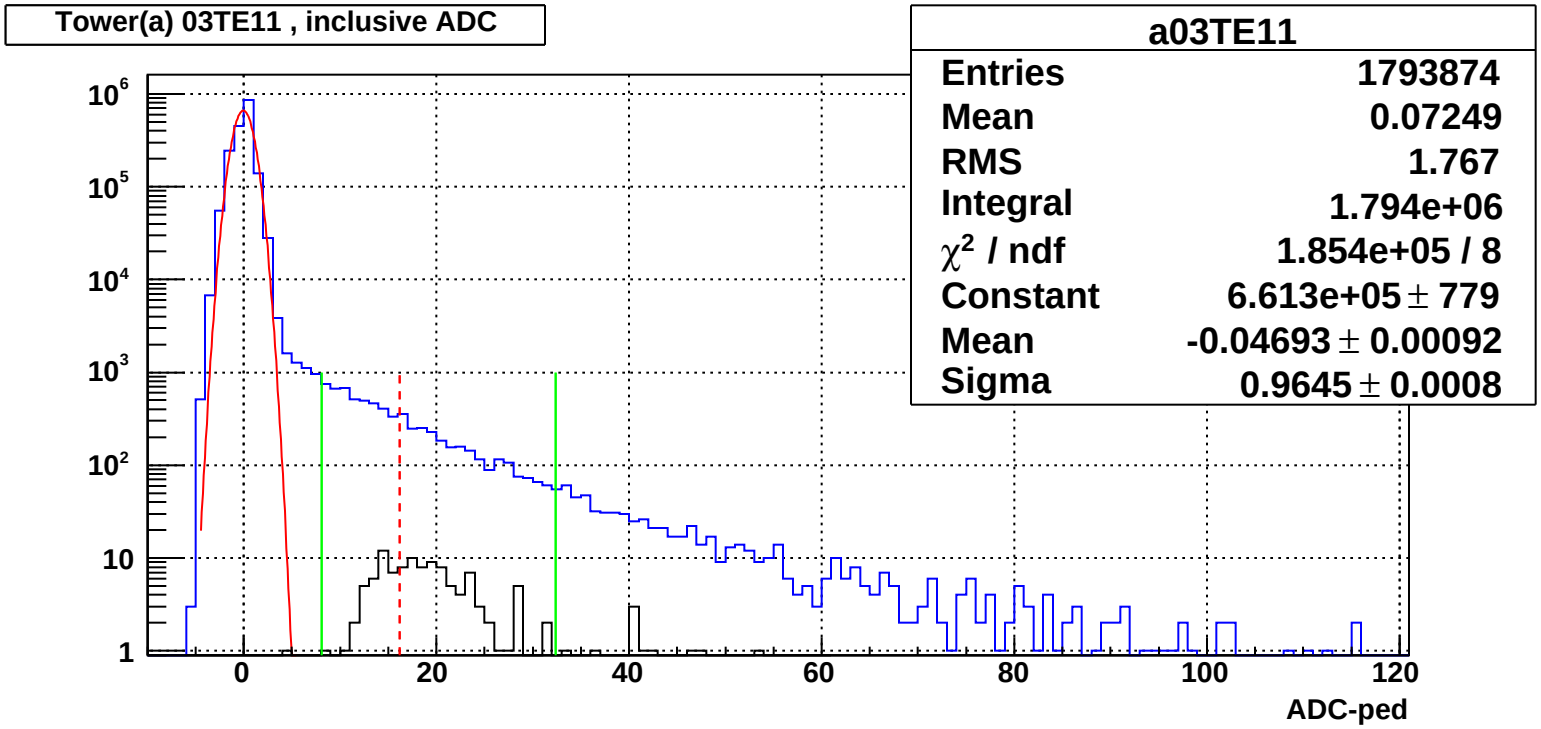

Tower(d) 03TB11 , ADC, tag: UxV 2*thr
d03TB11
Entries 152
Mean 19.67
RMS 8.879
Integral 151
χ² / ndf 11.89 / 22
x0 16.47 ± 0.57
aL 9.853 ± 1.379
sigL 2.711e+04 ± 10464
sigG 4.359 ± 0.726
ADC-ped

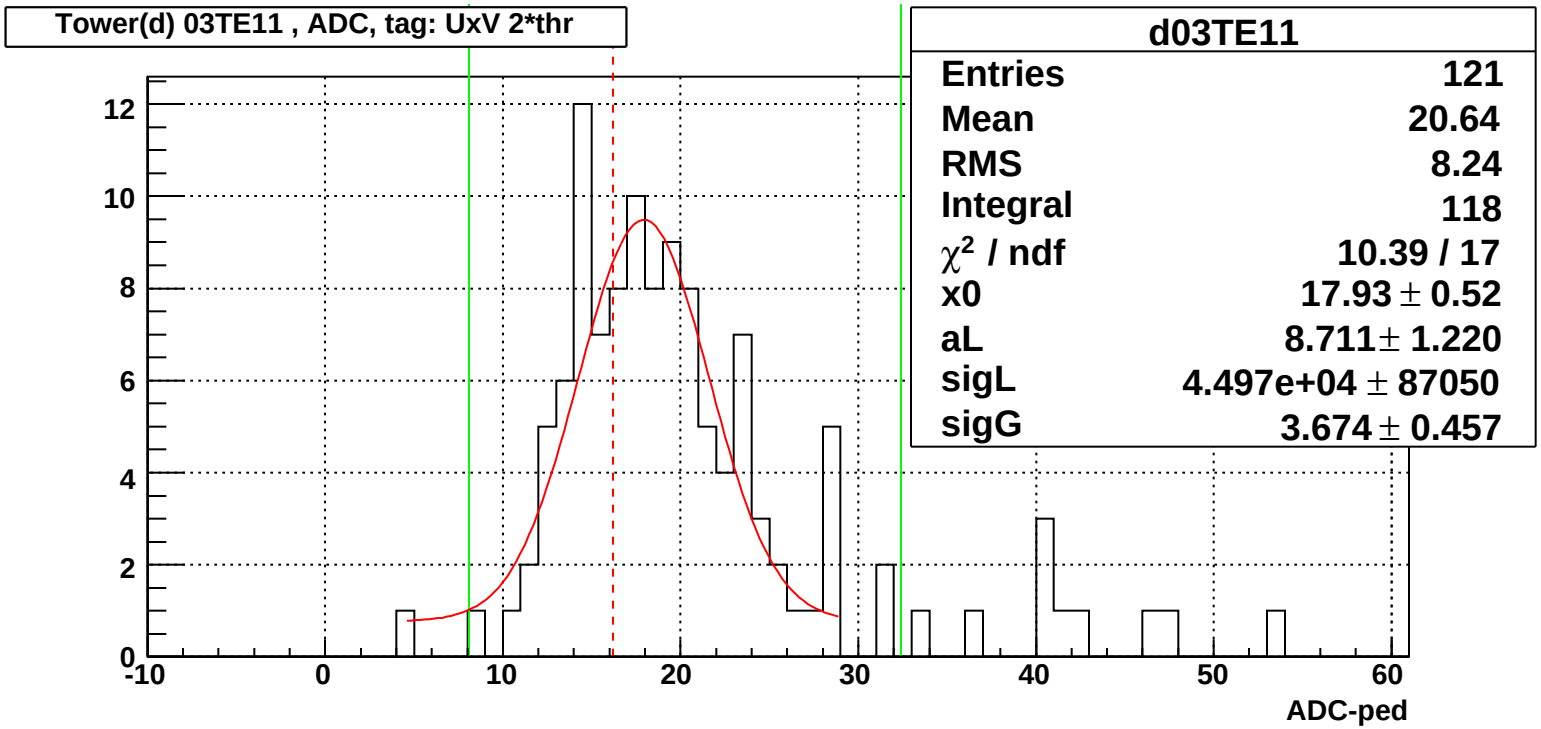

Tower(a) 03TC11 , inclusive ADC
a03TC11
Entries 1793874
Mean 0.1158
RMS 1.727
Integral 1.794e+06
χ² / ndf 2.093e+05 / 8
Constant 6.627e+05 ± 830
Mean 0.01776 ± 0.00101
Sigma 0.9481 ± 0.0009
ADC-ped

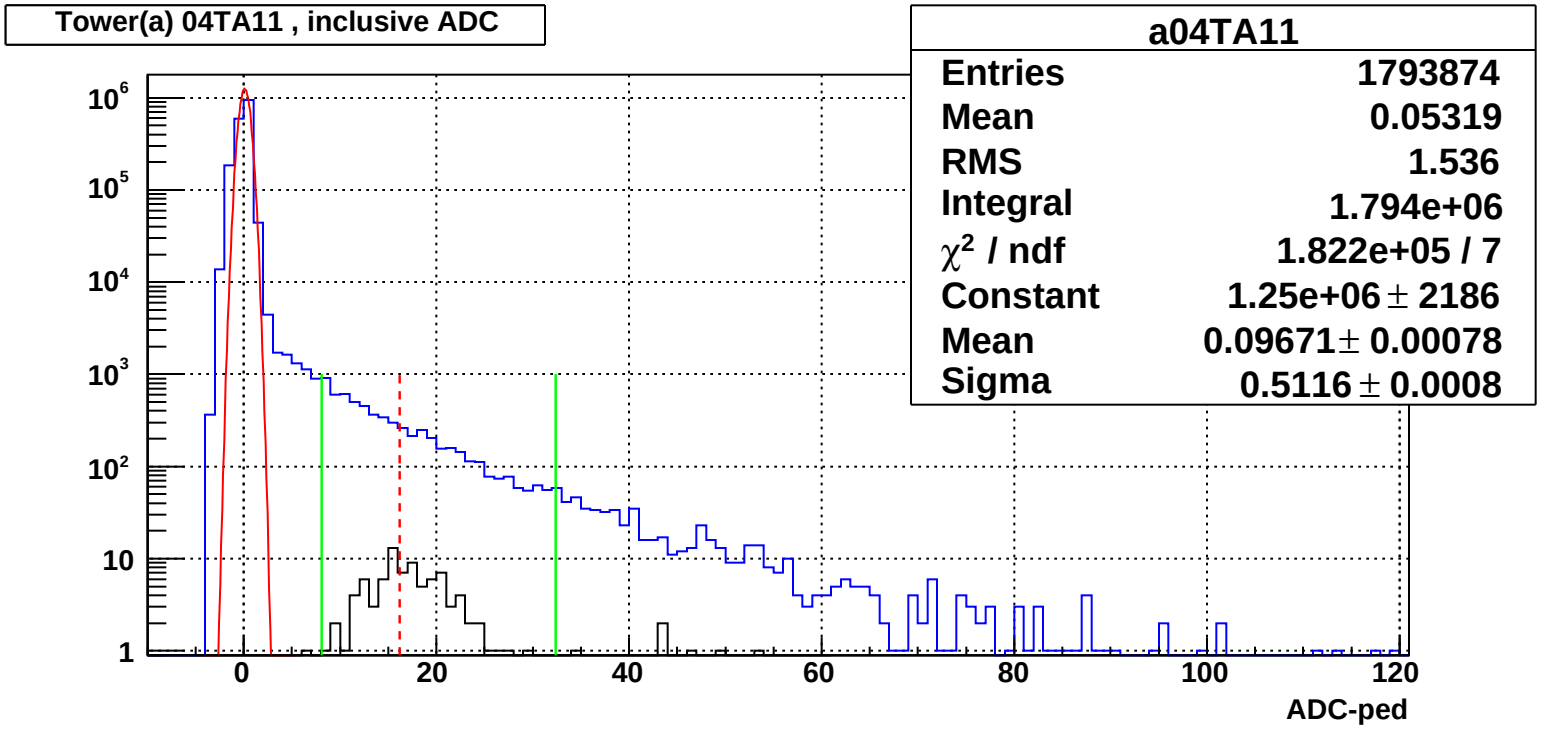

Tower(d) 03TC11 , ADC, tag: UxV 2*thr
d03TC11
Entries 139
Mean 18.59
RMS 8.823
Integral 136
χ² / ndf 21.54 / 16
x0 14.76 ± 0.31
aL 14.26 ± 1.87
sigL 2.606e+04 ± 31933
sigG 2.126 ± 0.263
ADC-ped

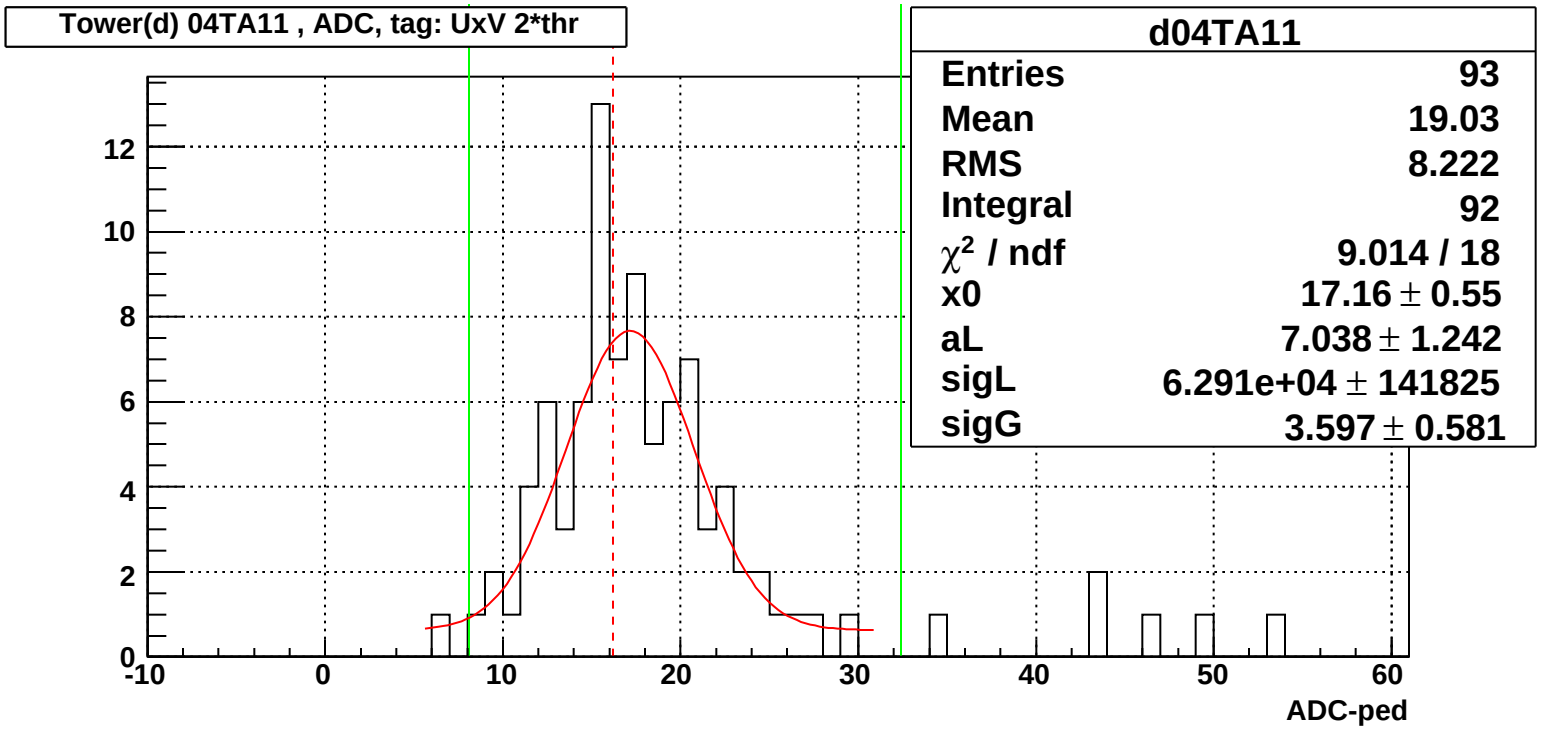

Tower(a) 03TD11 , inclusive ADC
a03TD11
Entries 1793874
Mean 0.2141
RMS 1.579
Integral 1.794e+06
χ² / ndf 1.134e+05 / 8
Constant 8.776e+05 ± 1155
Mean 0.1403 ± 0.0008
Sigma 0.7596 ± 0.0008
ADC-ped

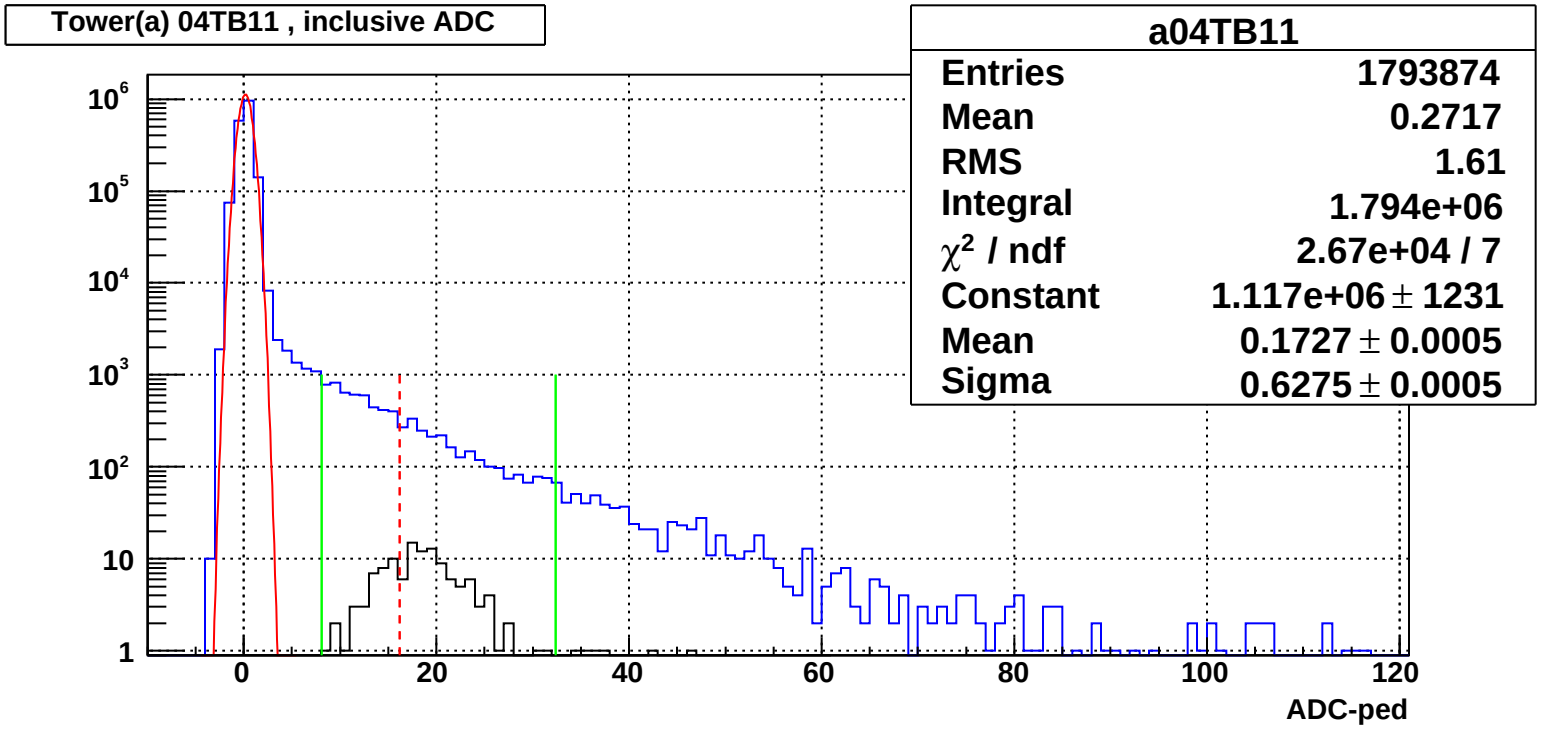

Tower(d) 03TD11 , ADC, tag: UxV 2*thr
d03TD11
Entries 120
Mean 17.74
RMS 5.658
Integral 117
χ² / ndf 17.37 / 17
x0 16.05 ± 0.39
aL 11.45 ± 1.77
sigL 5.955e+04 ± 33405
sigG 2.631 ± 0.418
ADC-ped

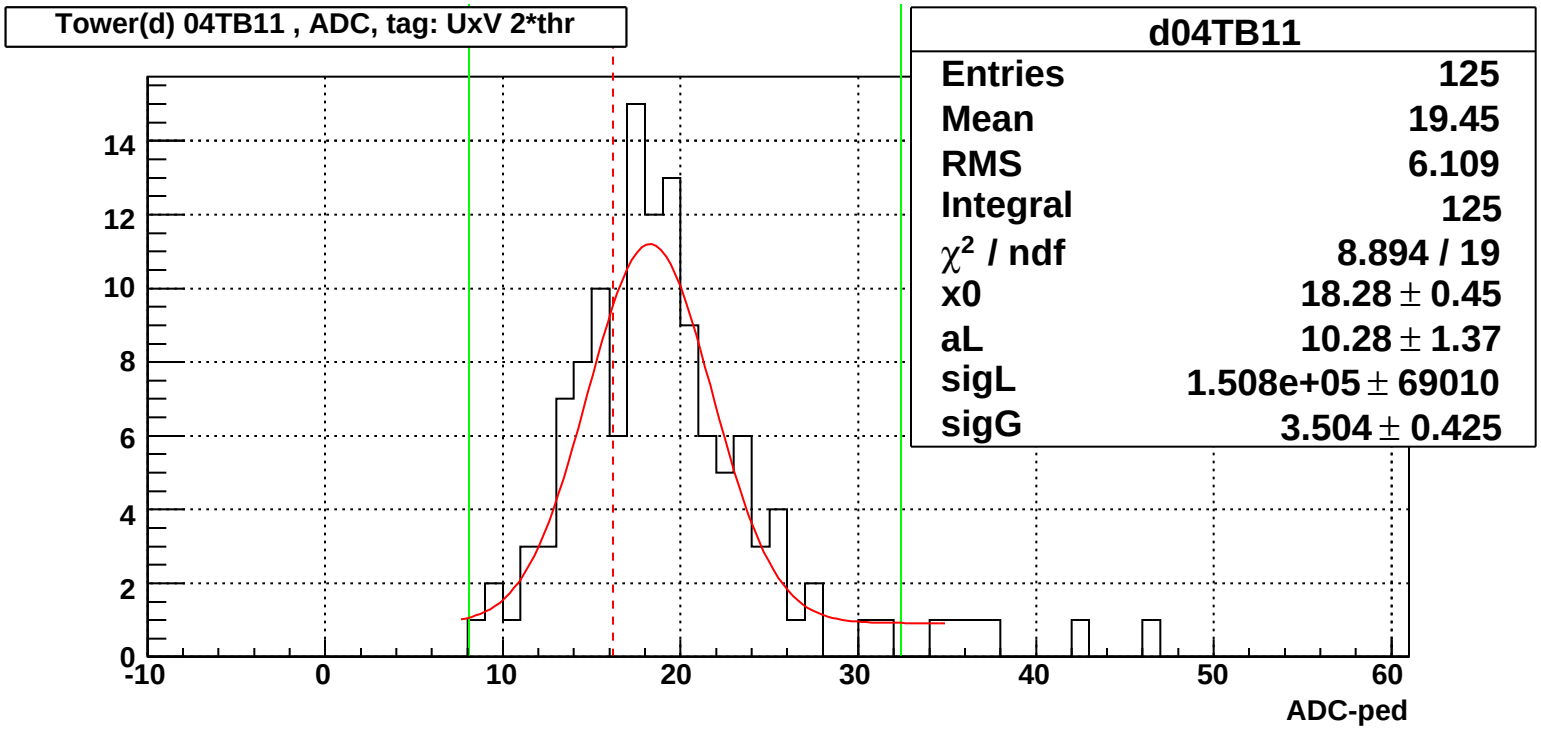

Tower(a) 03TE11 , inclusive ADC
a03TE11
Entries 1793874
Mean 0.07249
RMS 1.767
Integral 1.794e+06
χ² / ndf 1.854e+05 / 8
Constant 6.613e+05 ± 779
Mean -0.04693 ± 0.00092
Sigma 0.9645 ± 0.0008
ADC-ped

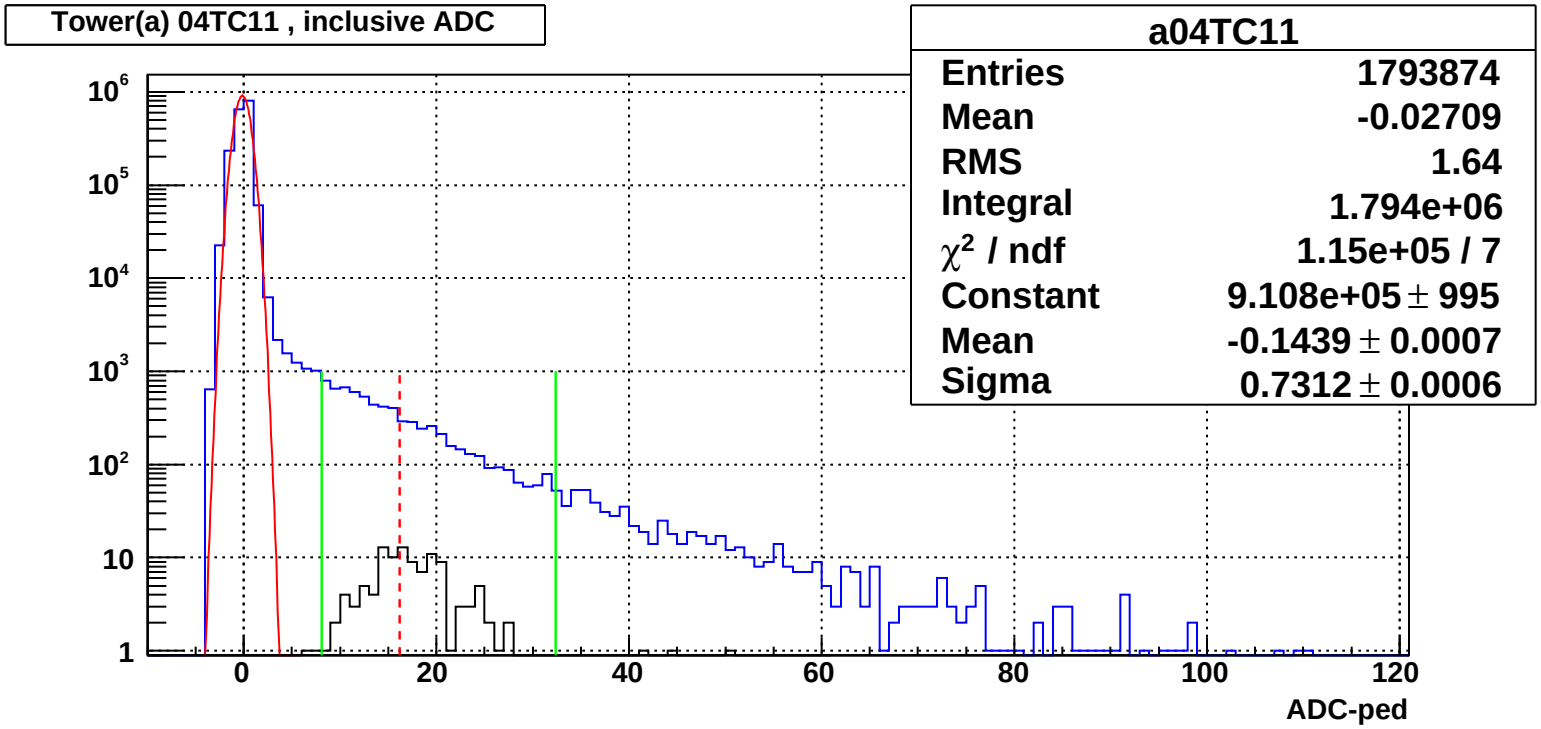

Tower(d) 03TE11 , ADC, tag: UxV 2*thr
d03TE11
Entries 121
Mean 20.64
RMS 8.24
Integral 118
χ² / ndf 10.39 / 17
x0 17.93 ± 0.52
aL 8.711 ± 1.220
sigL 4.497e+04 ± 87050
sigG 3.674 ± 0.457
ADC-ped

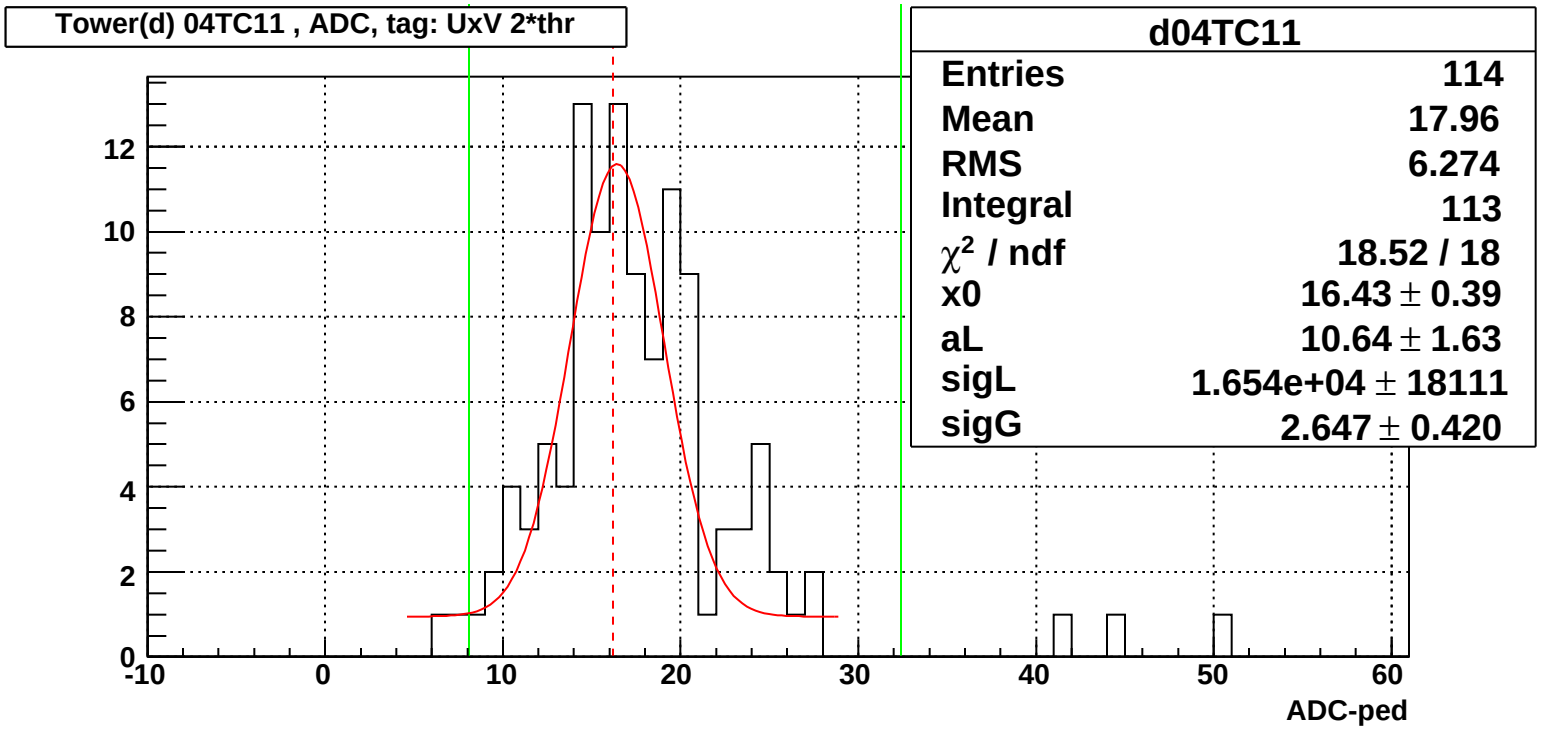

Tower(a) 04TA11 , inclusive ADC
a04TA11
Entries 1793874
Mean 0.05319
RMS 1.536
Integral 1.794e+06
χ² / ndf 1.822e+05 / 7
Constant 1.25e+06 ± 2186
Mean 0.09671 ± 0.00078
Sigma 0.5116 ± 0.0008
ADC-ped

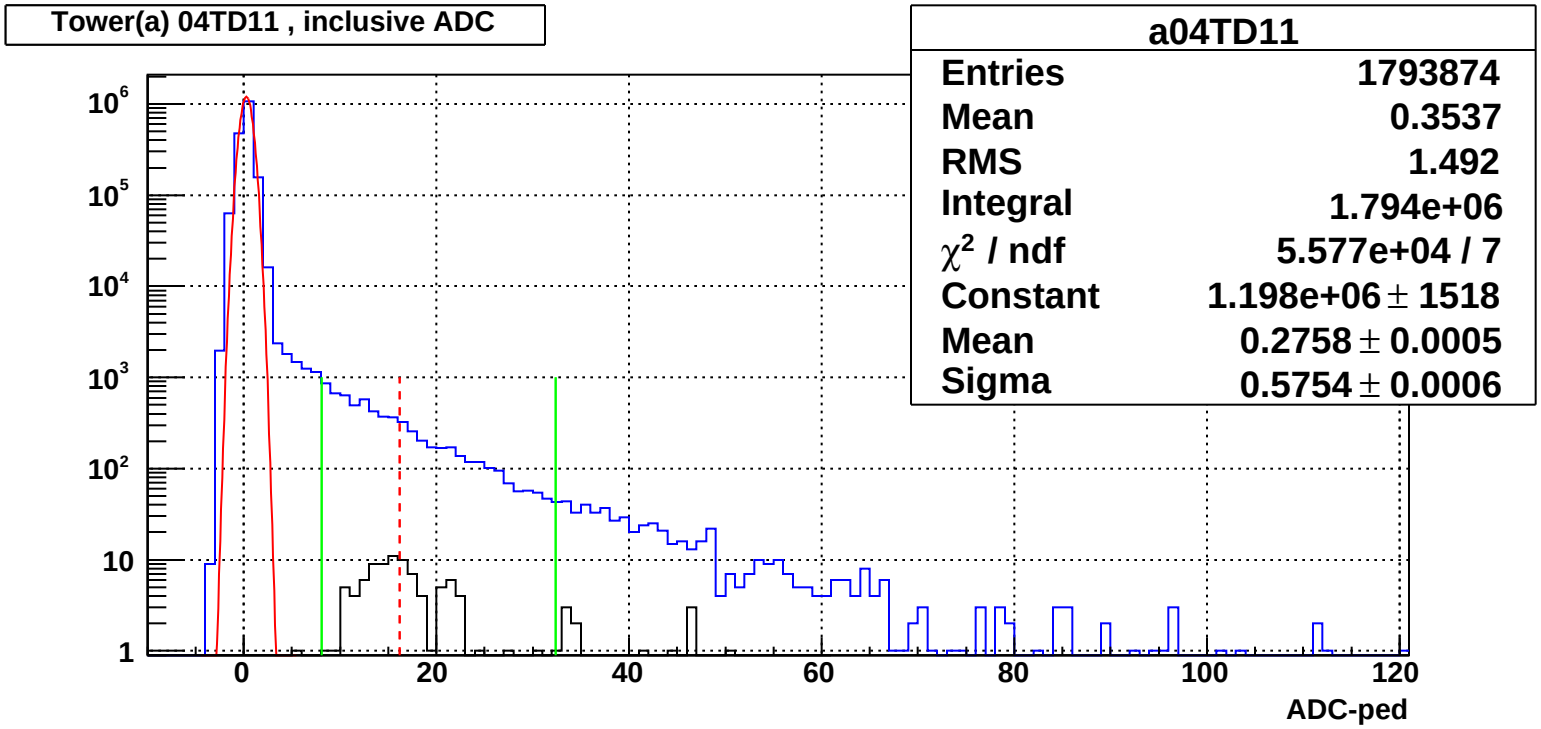

Tower(d) 04TA11 , ADC, tag: UxV 2*thr
d04TA11
Entries 93
Mean 19.03
RMS 8.222
Integral 92
χ² / ndf 9.014 / 18
x0 17.16 ± 0.55
aL 7.038 ± 1.242
sigL 6.291e+04 ± 141825
sigG 3.597 ± 0.581
ADC-ped

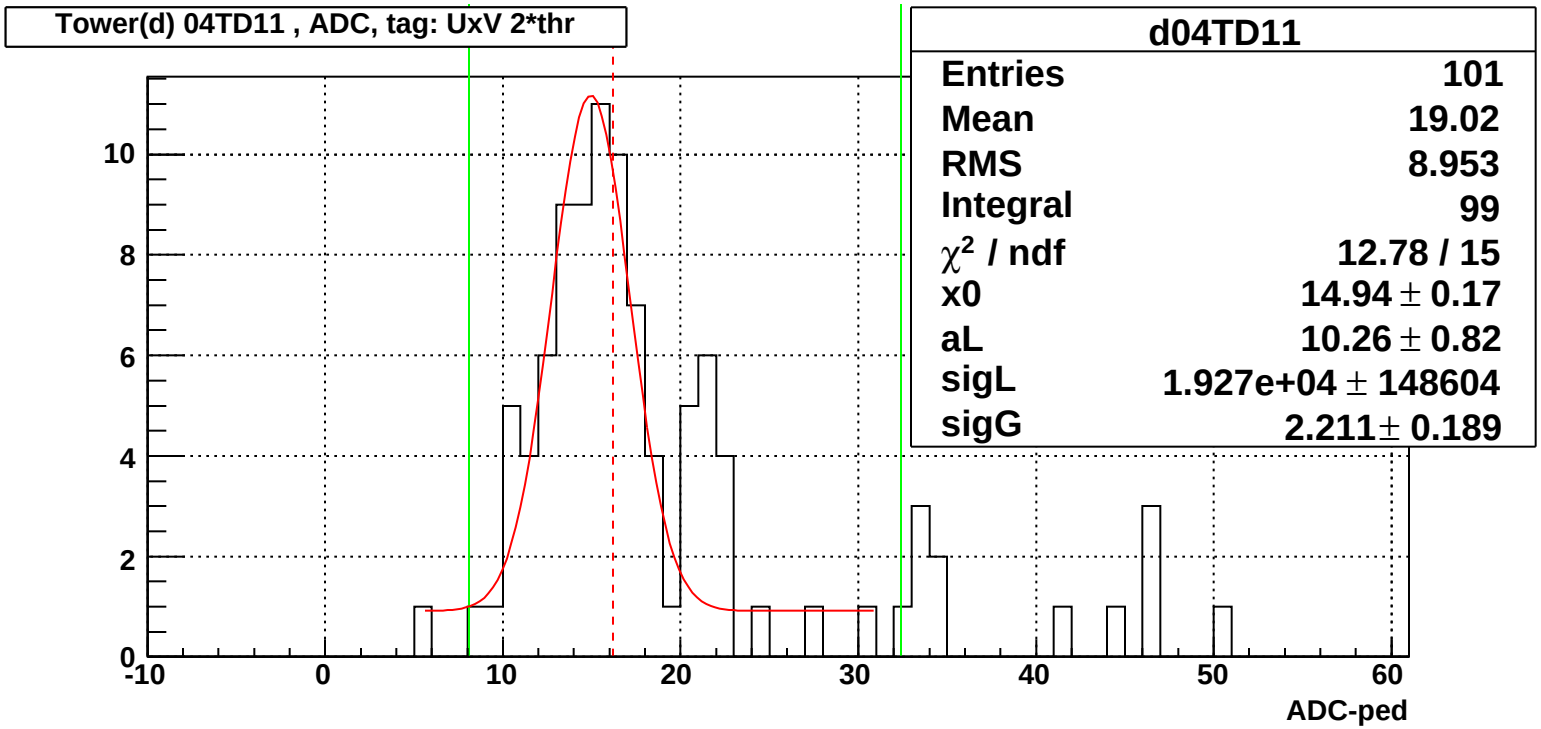

Tower(a) 04TB11 , inclusive ADC
a04TB11
Entries 1793874
Mean 0.2717
RMS 1.61
Integral 1.794e+06
χ² / ndf 2.67e+04 / 7
Constant 1.117e+06 ± 1231
Mean 0.1727 ± 0.0005
Sigma 0.6275 ± 0.0005
ADC-ped

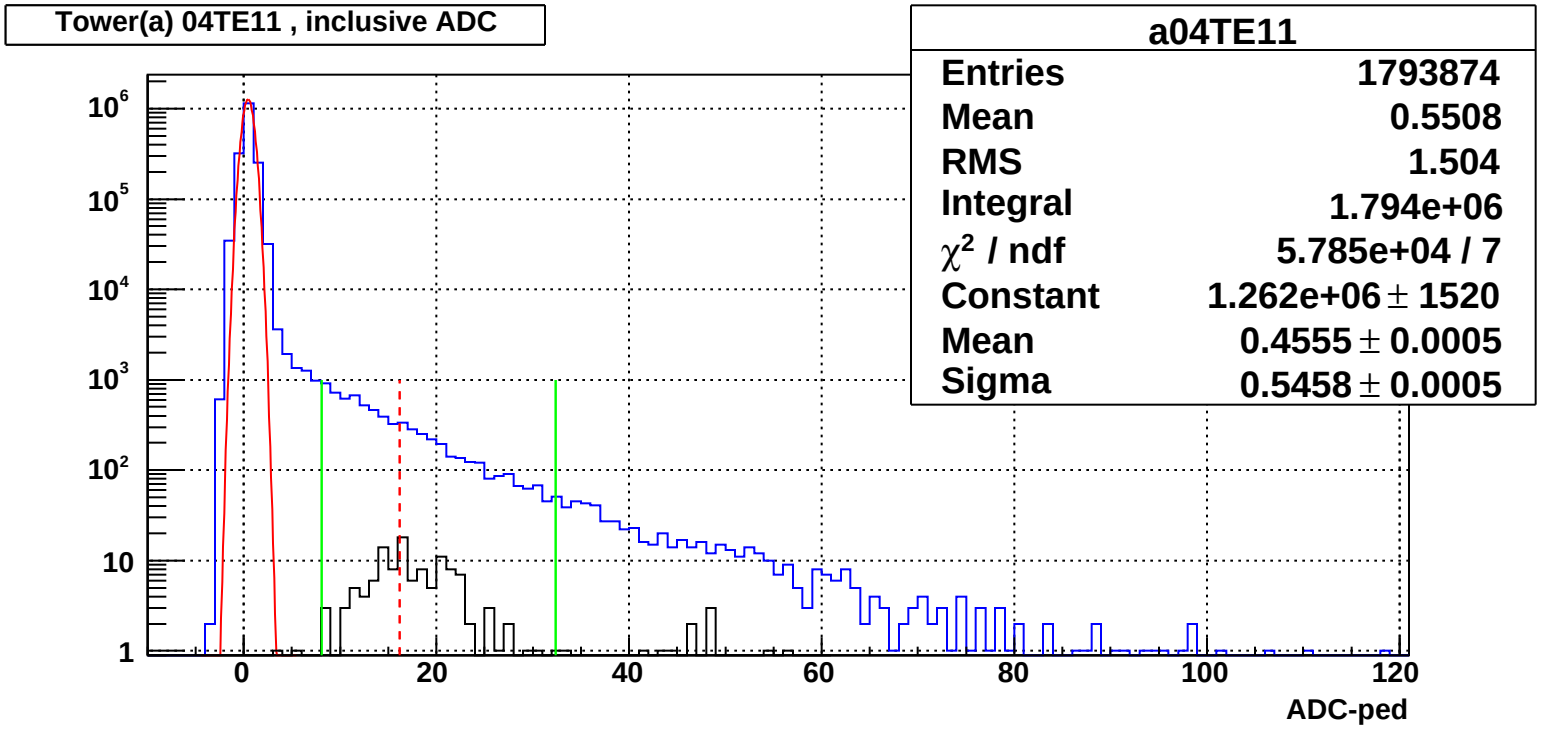

Tower(d) 04TB11 , ADC, tag: UxV 2*thr
d04TB11
Entries 125
Mean 19.45
RMS 6.109
Integral 125
χ² / ndf 8.894 / 19
x0 18.28 ± 0.45
aL 10.28 ± 1.37
sigL 1.508e+05 ± 69010
sigG 3.504 ± 0.425
ADC-ped

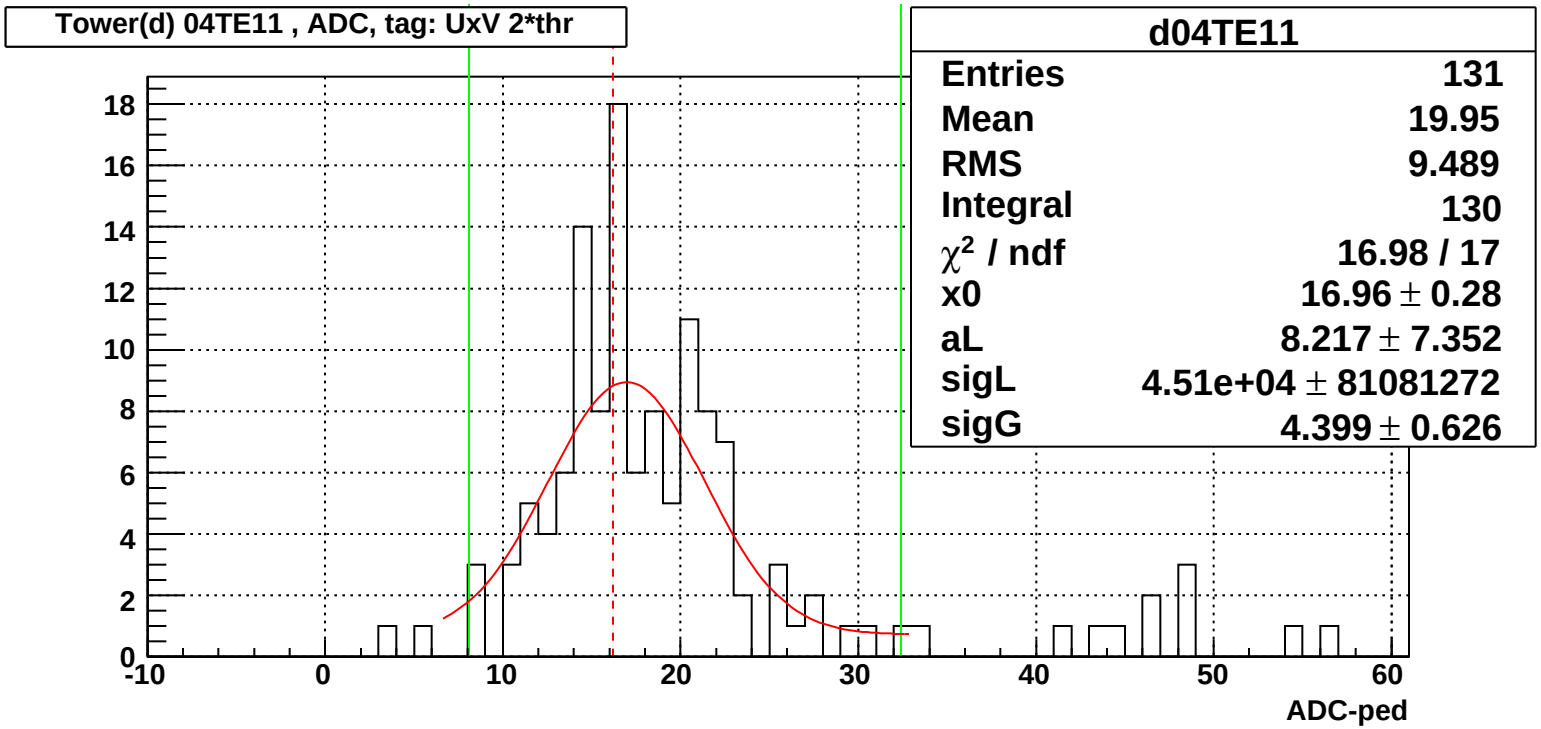

Tower(a) 04TC11 , inclusive ADC
a04TC11
Entries 1793874
Mean -0.02709
RMS 1.64
Integral 1.794e+06
χ² / ndf 1.15e+05 / 7
Constant 9.108e+05 ± 995
Mean -0.1439 ± 0.0007
Sigma 0.7312 ± 0.0006
ADC-ped

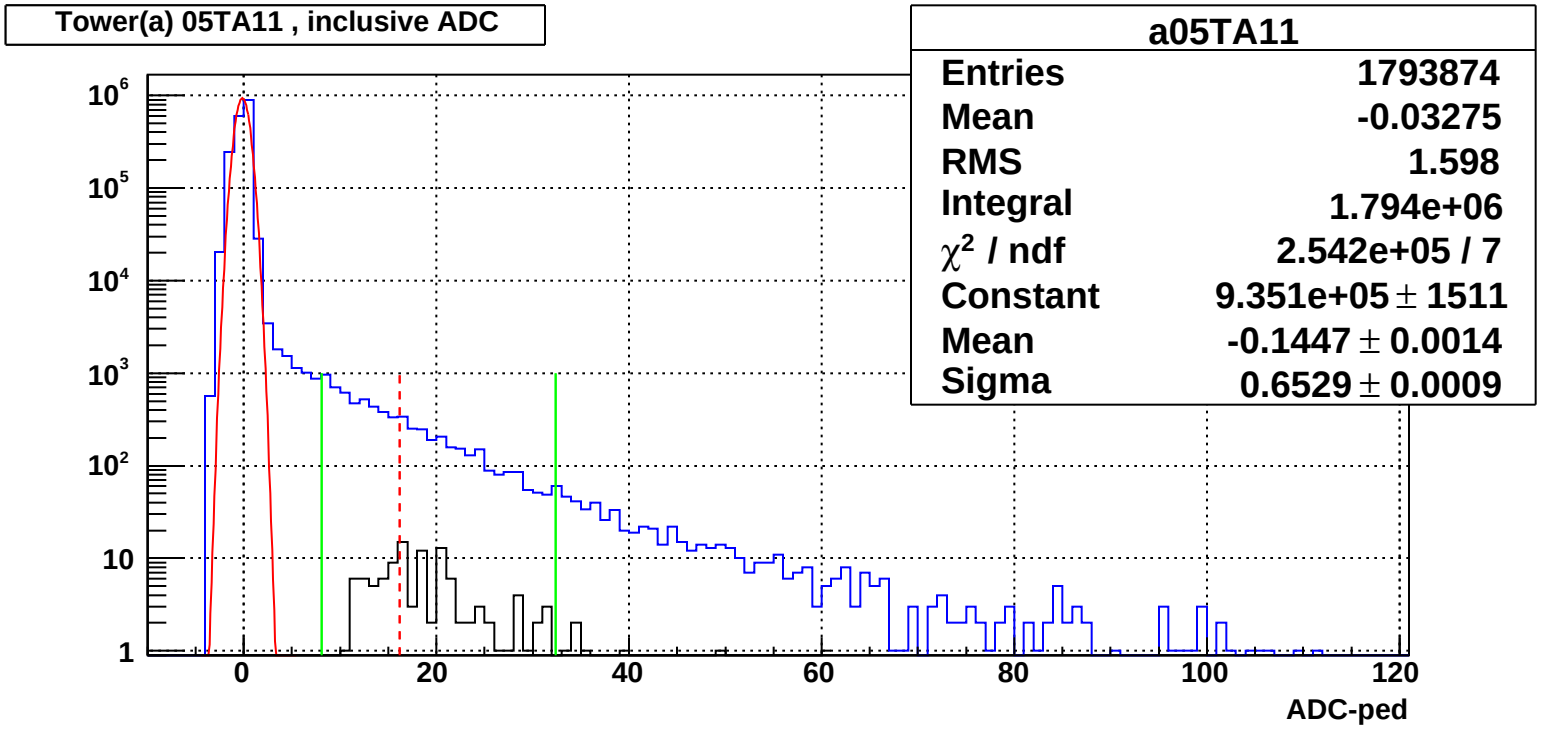

Tower(d) 04TC11 , ADC, tag: UxV 2*thr
d04TC11
Entries 114
Mean 17.96
RMS 6.274
Integral 113
χ² / ndf 18.52 / 18
x0 16.43 ± 0.39
aL 10.64 ± 1.63
sigL 1.654e+04 ± 18111
sigG 2.647 ± 0.420
ADC-ped

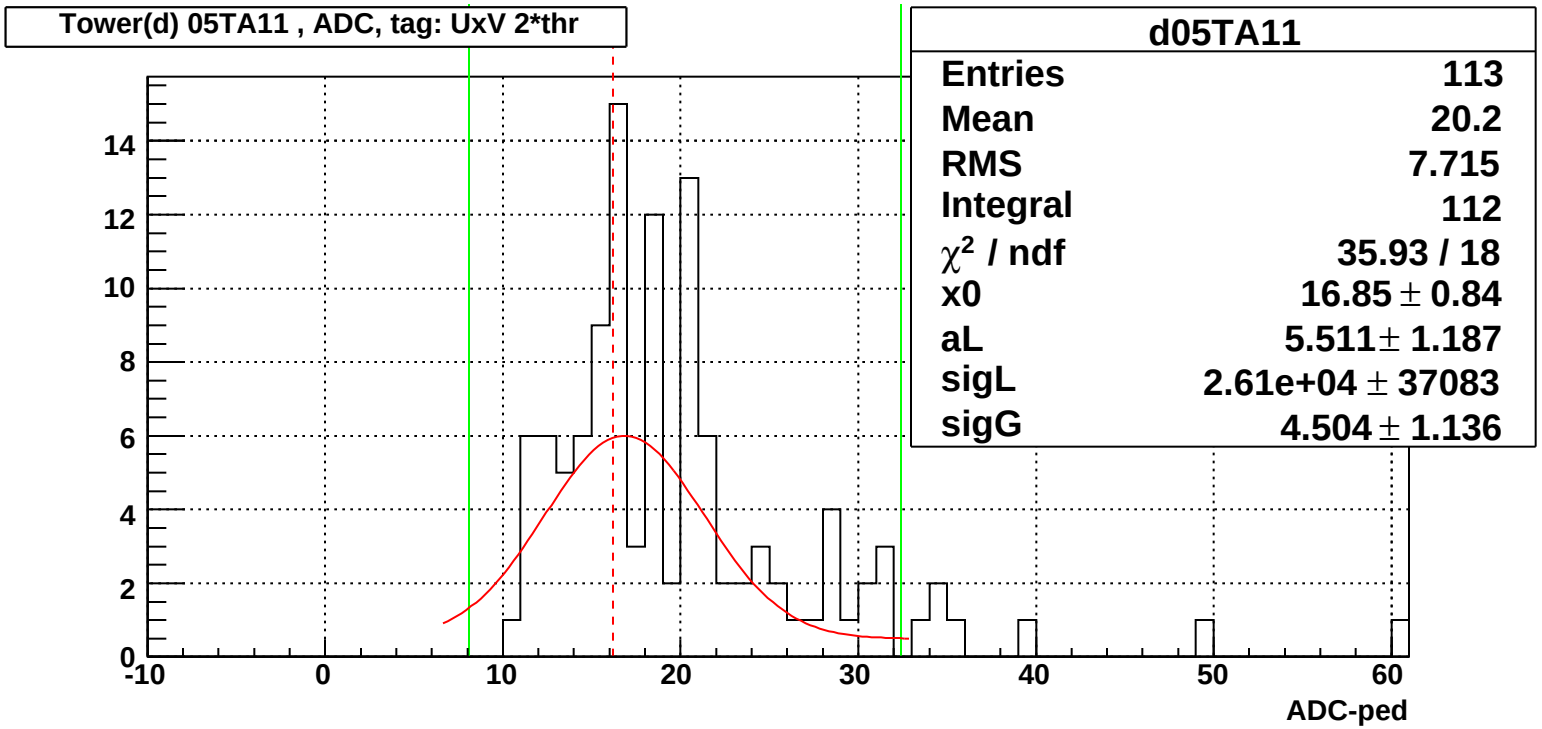

Tower(a) 04TD11 , inclusive ADC
a04TD11
Entries 1793874
Mean 0.3537
RMS 1.492
Integral 1.794e+06
χ² / ndf 5.577e+04 / 7
Constant 1.198e+06 ± 1518
Mean 0.2758 ± 0.0005
Sigma 0.5754 ± 0.0006
ADC-ped

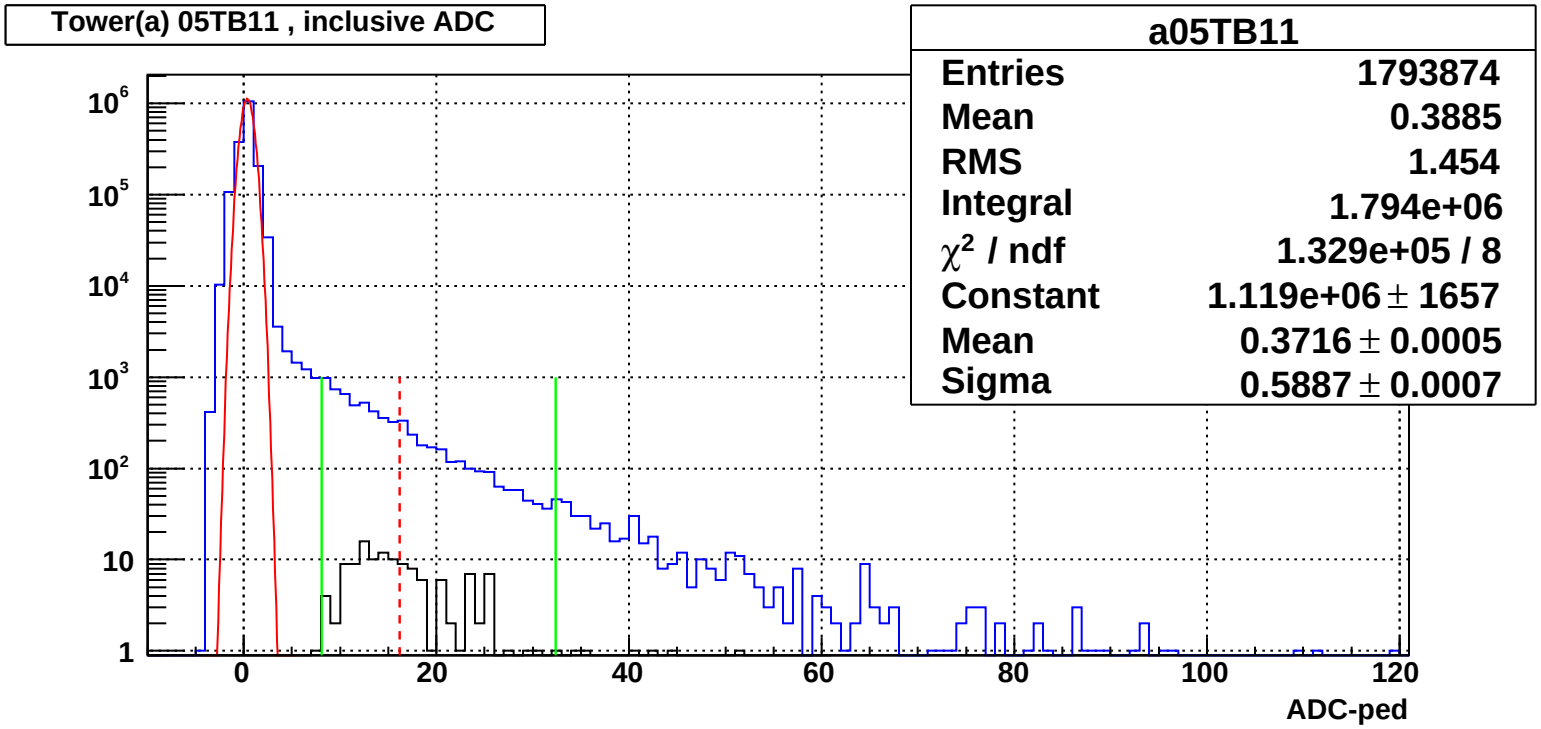

Tower(d) 04TD11 , ADC, tag: UxV 2*thr
d04TD11
Entries 101
Mean 19.02
RMS 8.953
Integral 99
χ² / ndf 12.78 / 15
x0 14.94 ± 0.17
aL 10.26 ± 0.82
sigL 1.927e+04 ± 148604
sigG 2.211± 0.189
ADC-ped

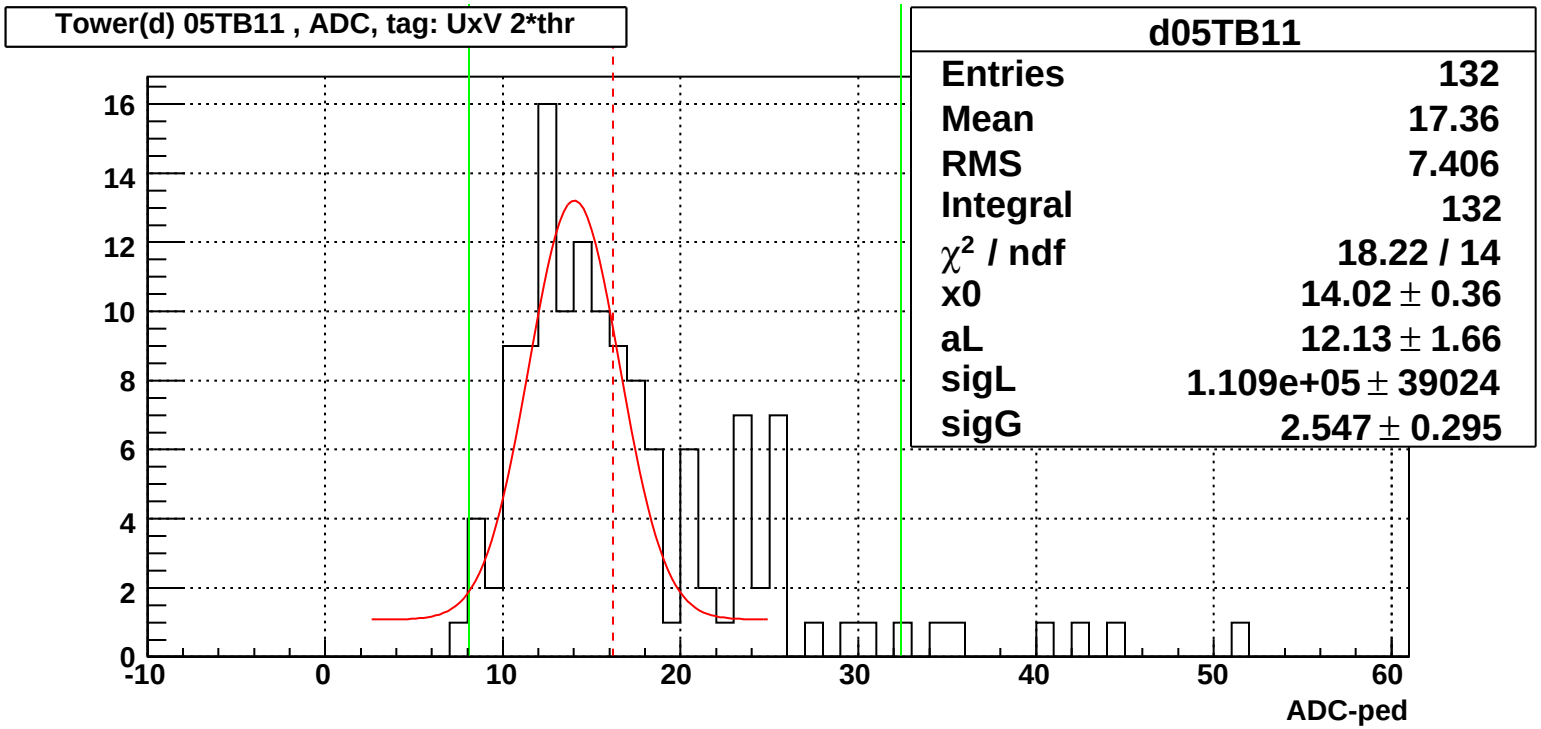

Tower(a) 04TE11 , inclusive ADC
a04TE11
Entries 1793874
Mean 0.5508
RMS 1.504
Integral 1.794e+06
χ² / ndf 5.785e+04 / 7
Constant 1.262e+06 ± 1520
Mean 0.4555 ± 0.0005
Sigma 0.5458 ± 0.0005
ADC-ped

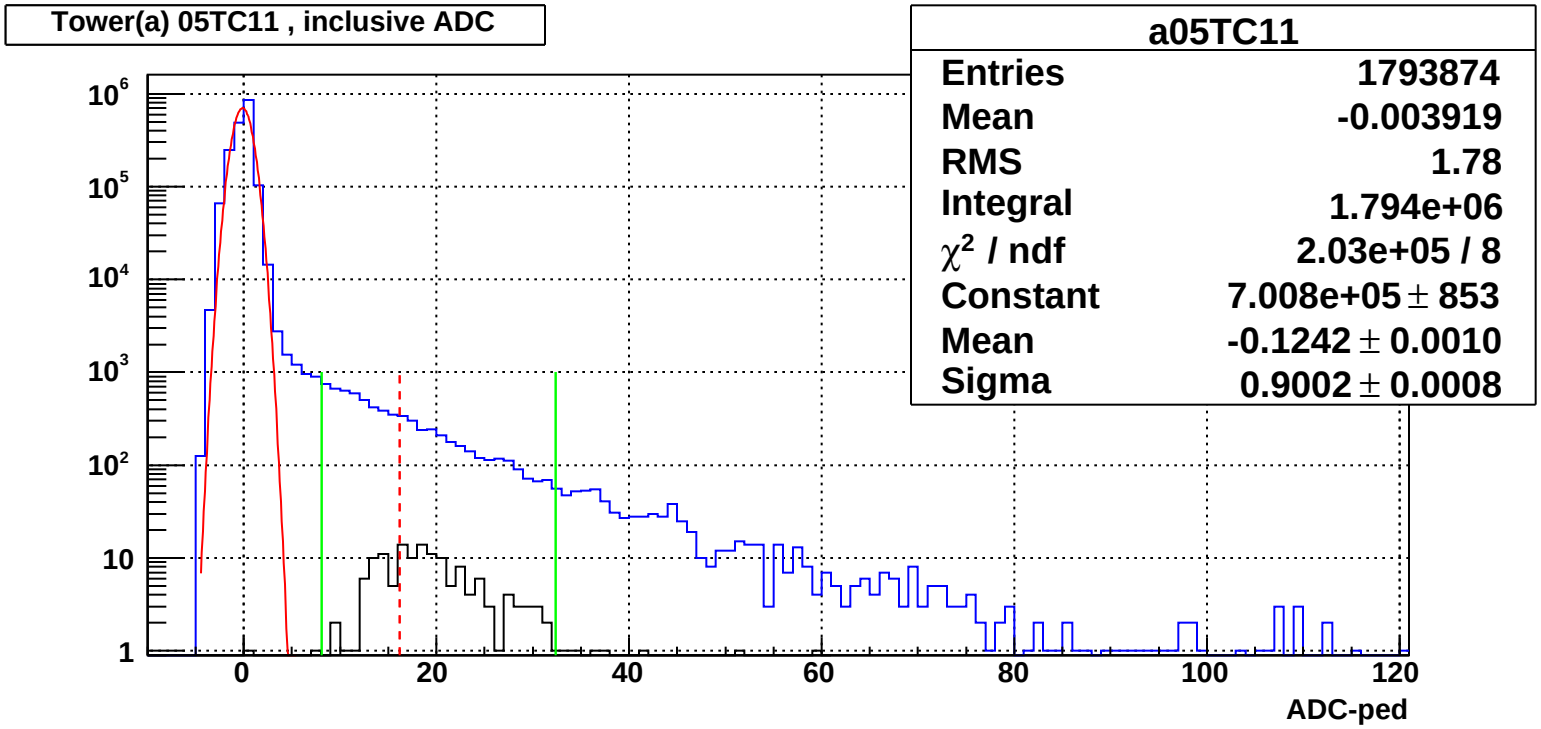

Tower(d) 04TE11 , ADC, tag: UxV 2*thr
d04TE11
Entries 131
Mean 19.95
RMS 9.489
Integral 130
χ² / ndf 16.98 / 17
x0 16.96 ± 0.28
aL 8.217 ± 7.352
sigL 4.51e+04 ± 81081272
sigG 4.399 ± 0.626
ADC-ped

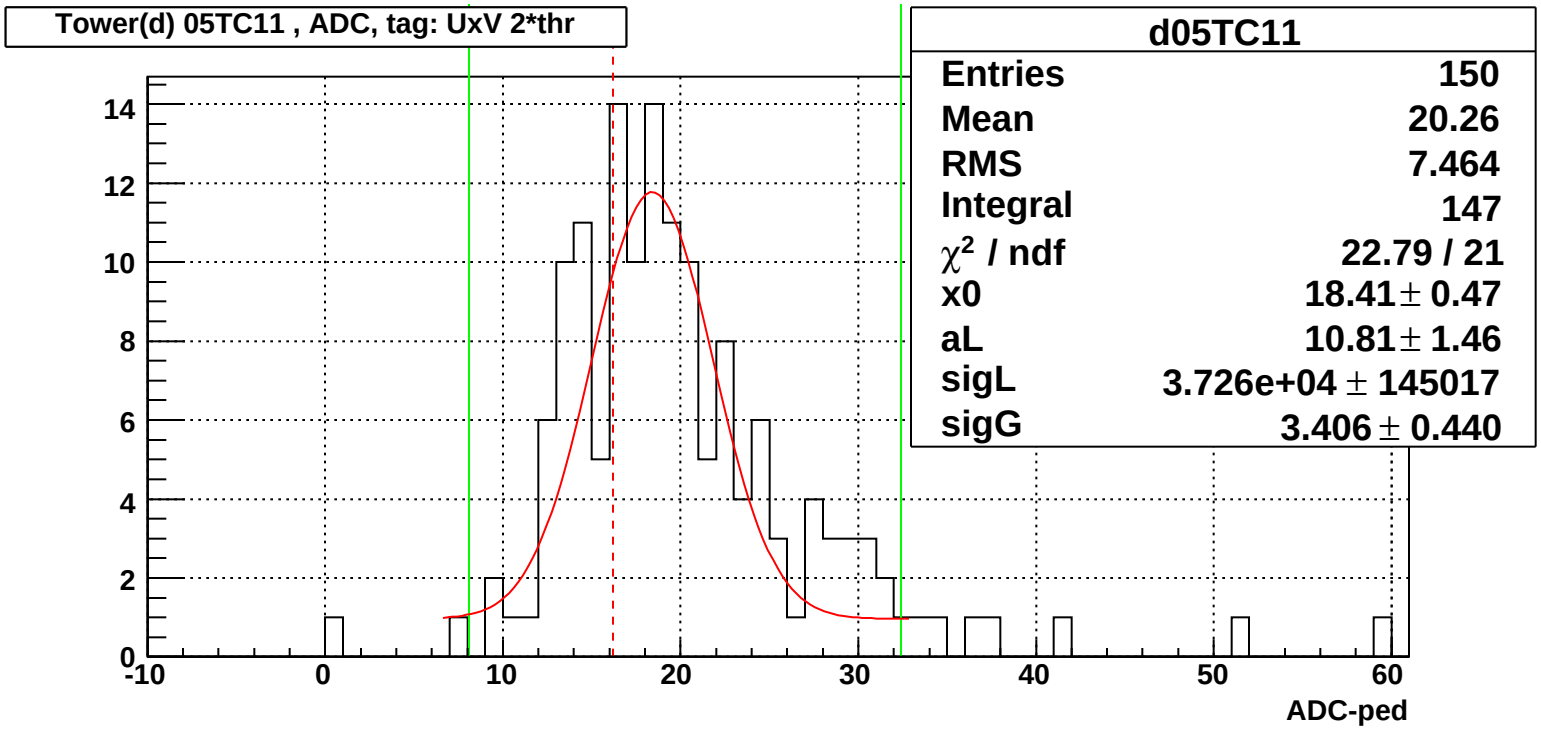

Tower(a) 05TA11 , inclusive ADC
a05TA11
Entries 1793874
Mean -0.03275
RMS 1.598
Integral 1.794e+06
χ² / ndf 2.542e+05 / 7
Constant 9.351e+05 ± 1511
Mean -0.1447 ± 0.0014
Sigma 0.6529 ± 0.0009
ADC-ped

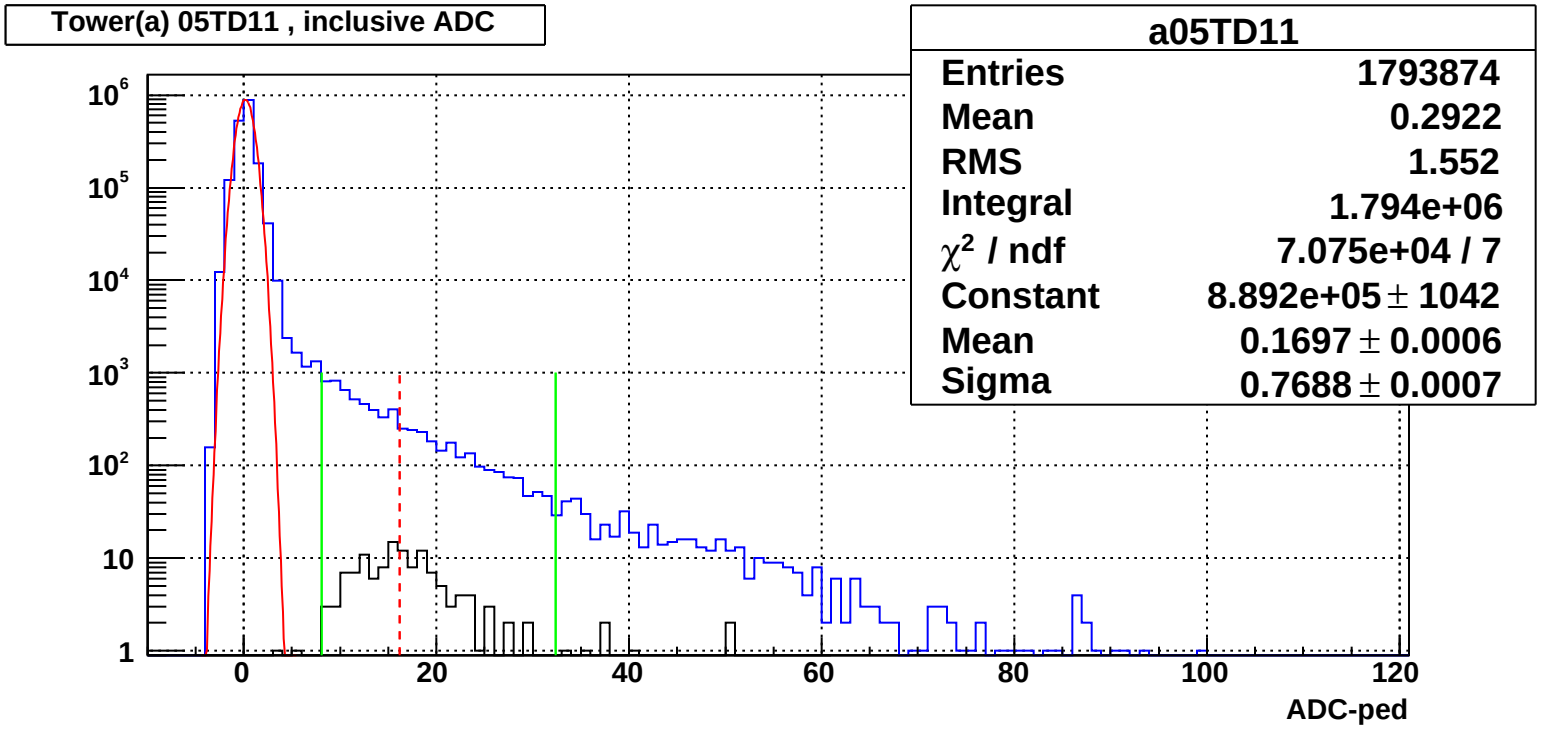

Tower(d) 05TA11 , ADC, tag: UxV 2*thr
d05TA11
Entries 113
Mean 20.2
RMS 7.715
Integral 112
χ² / ndf 35.93 / 18
x0 16.85 ± 0.84
aL 5.511 ± 1.187
sigL 2.61e+04 ± 37083
sigG 4.504 ± 1.136
ADC-ped

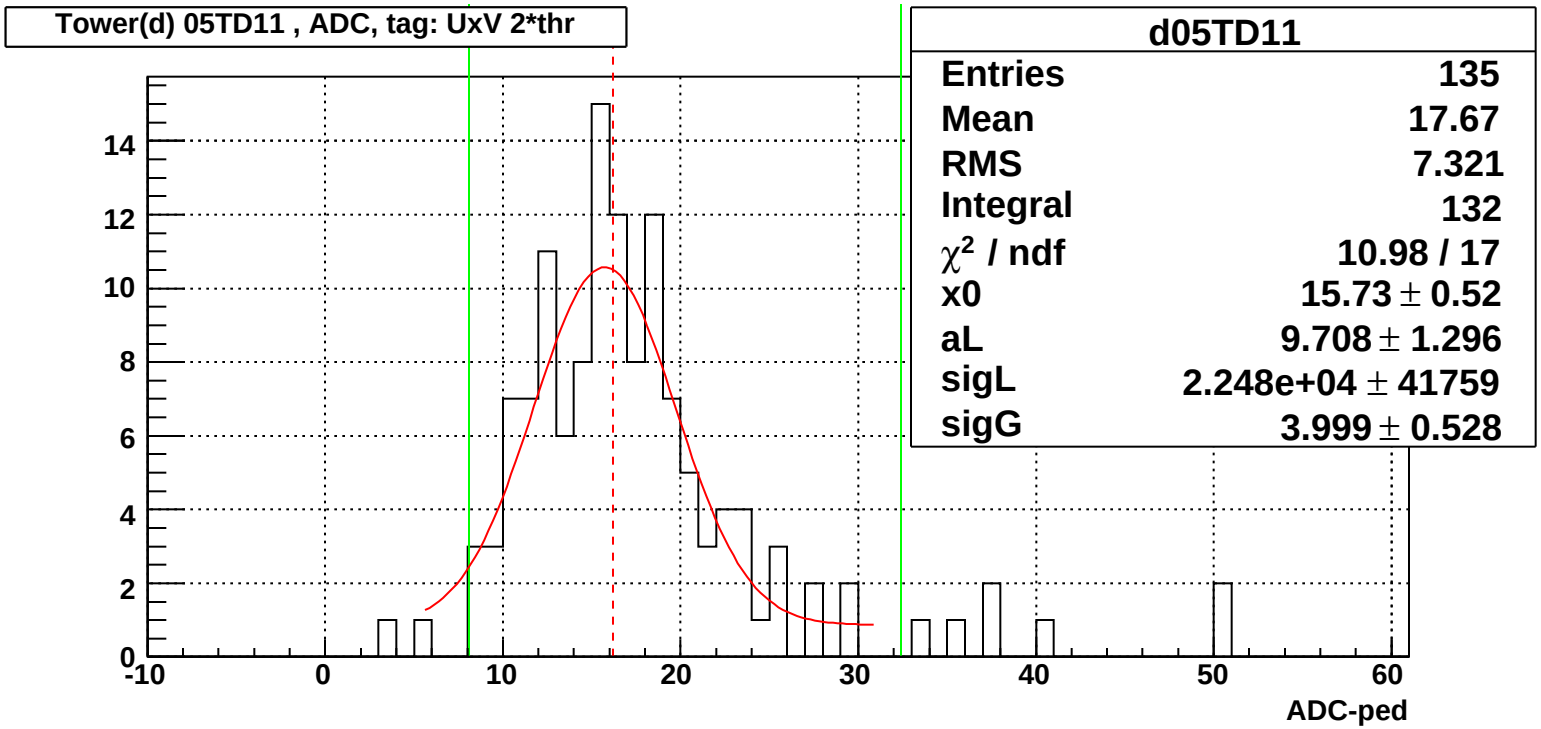

Tower(a) 05TB11 , inclusive ADC
a05TB11
Entries 1793874
Mean 0.3885
RMS 1.454
Integral 1.794e+06
χ² / ndf 1.329e+05 / 8
Constant 1.119e+06 ± 1657
Mean 0.3716 ± 0.0005
Sigma 0.5887 ± 0.0007
ADC-ped

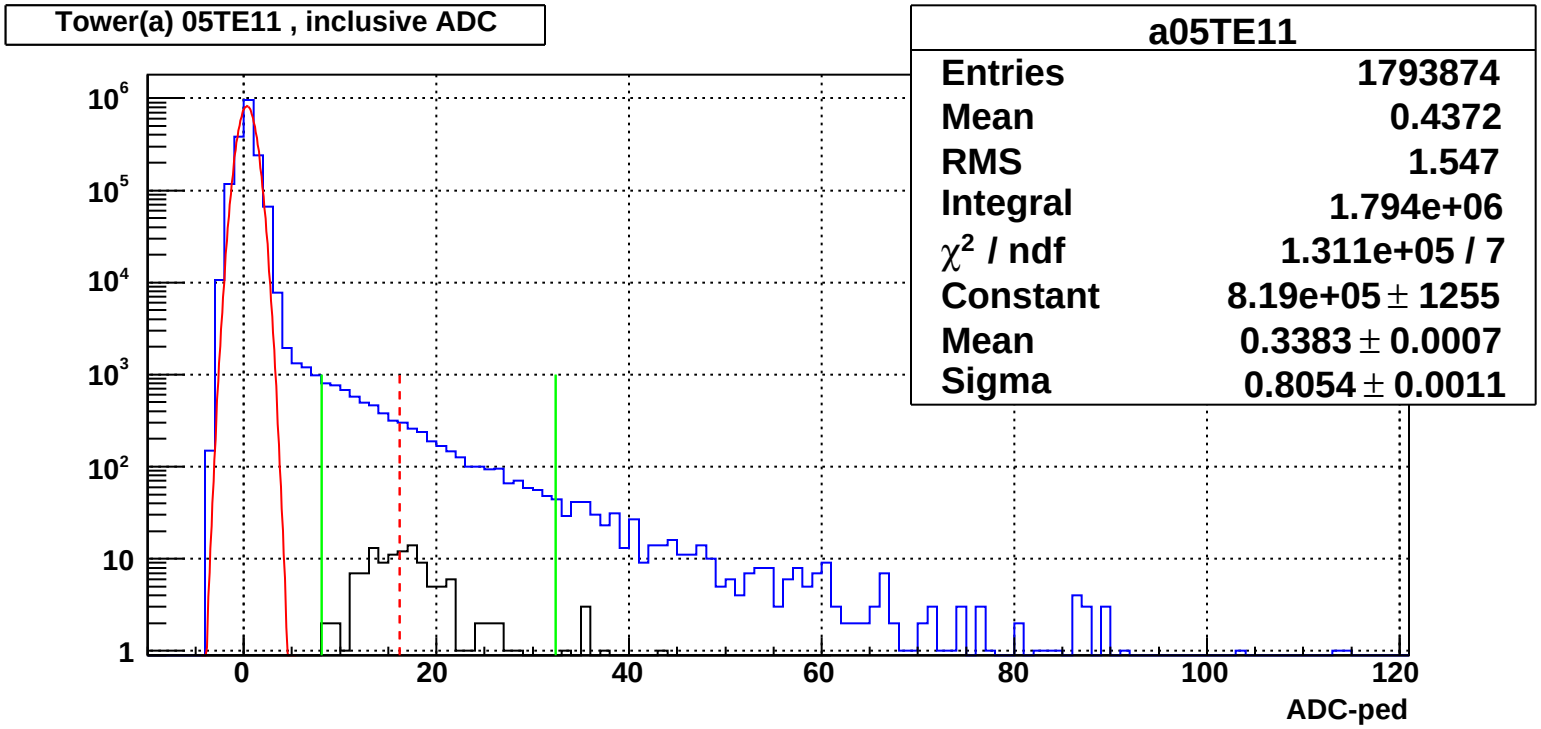

Tower(d) 05TB11 , ADC, tag: UxV 2*thr
d05TB11
Entries 132
Mean 17.36
RMS 7.406
Integral 132
χ² / ndf 18.22 / 14
x0 14.02 ± 0.36
aL 12.13 ± 1.66
sigL 1.109e+05 ± 39024
sigG 2.547 ± 0.295
ADC-ped

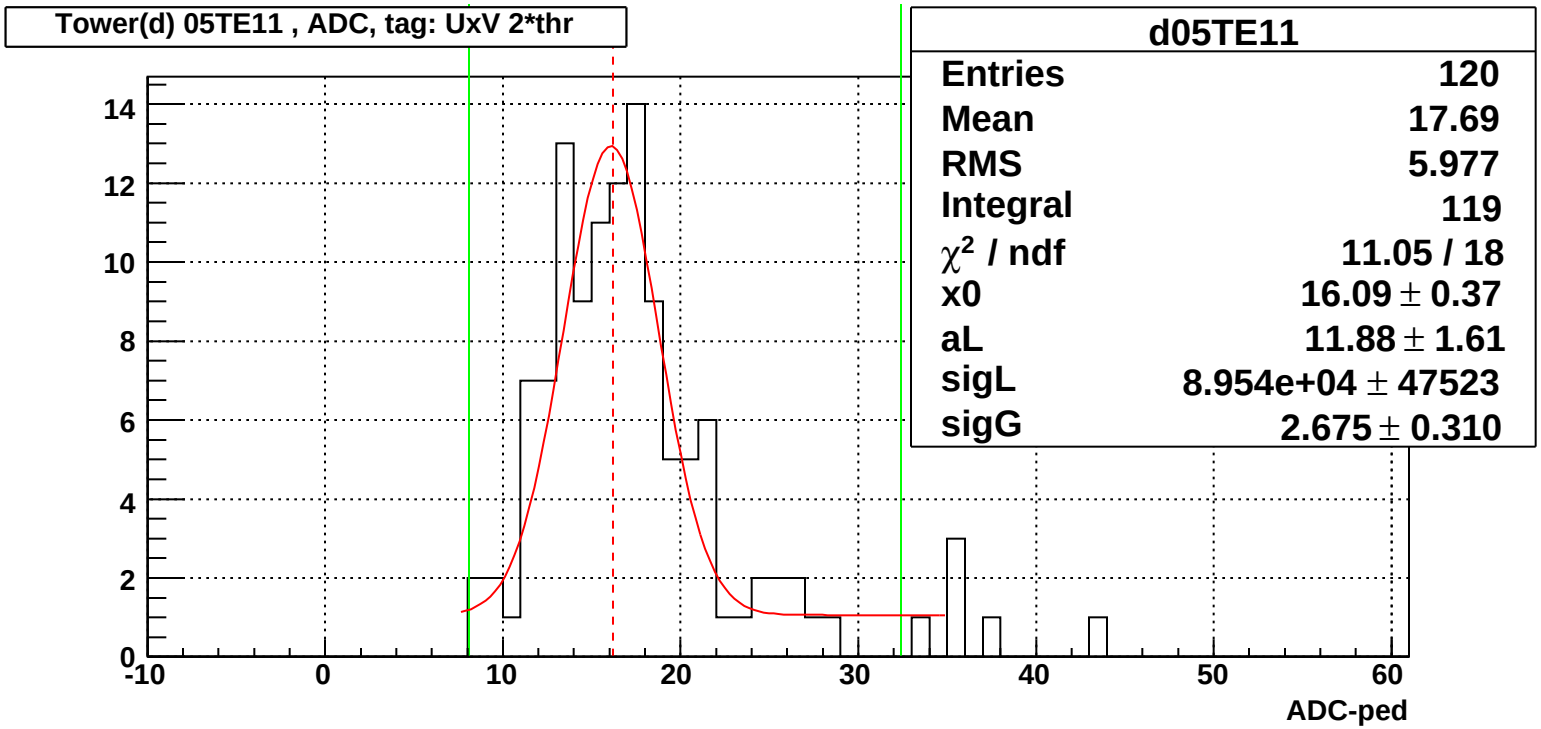

Tower(a) 05TC11 , inclusive ADC
a05TC11
Entries 1793874
Mean -0.003919
RMS 1.78
Integral 1.794e+06
χ² / ndf 2.03e+05 / 8
Constant 7.008e+05 ± 853
Mean -0.1242 ± 0.0010
Sigma 0.9002 ± 0.0008
ADC-ped

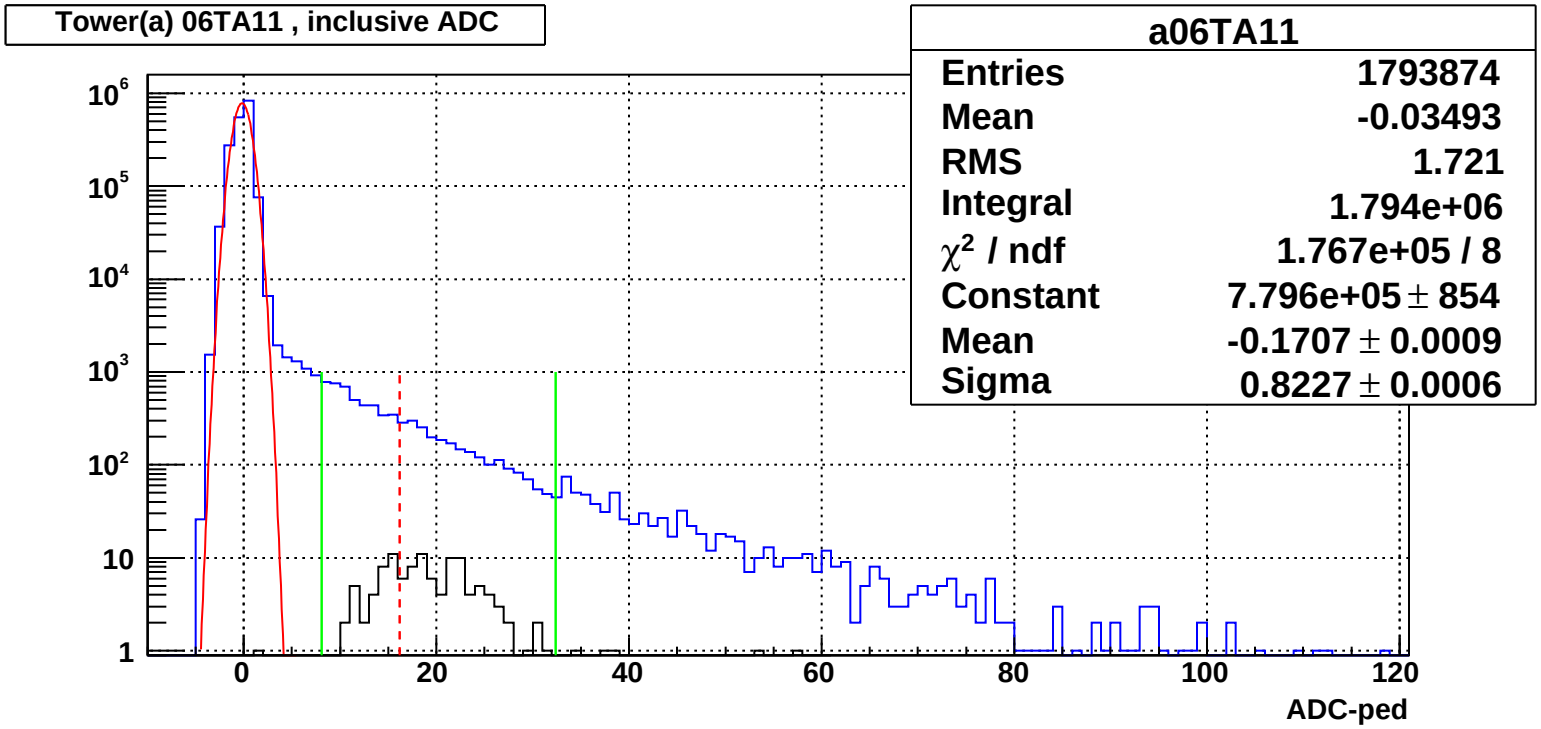

Tower(d) 05TC11 , ADC, tag: UxV 2*thr
d05TC11
Entries 150
Mean 20.26
RMS 7.464
Integral 147
χ² / ndf 22.79 / 21
x0 18.41 ± 0.47
aL 10.81 ± 1.46
sigL 3.726e+04 ± 145017
sigG 3.406 ± 0.440
ADC-ped

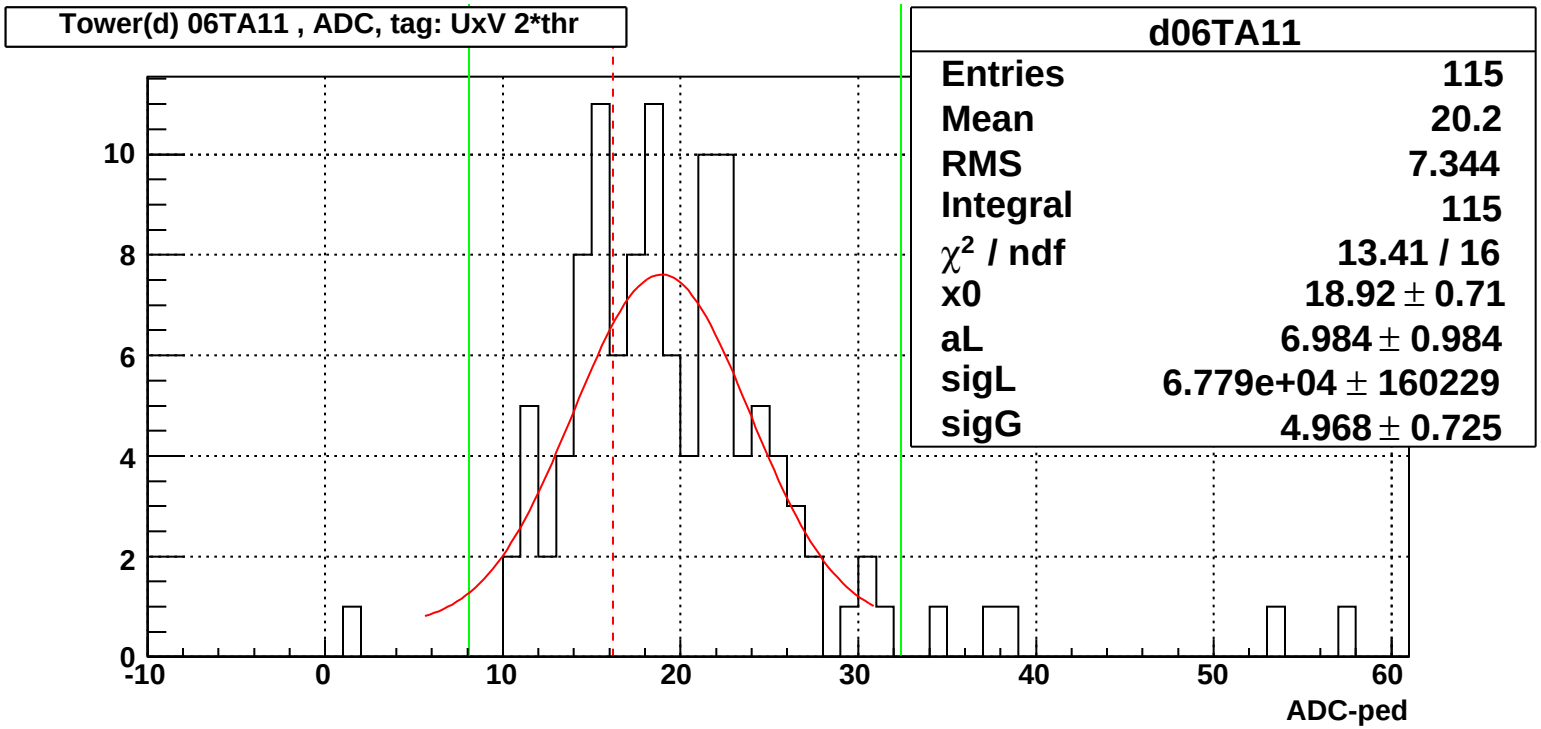

Tower(a) 05TD11 , inclusive ADC
a05TD11
Entries 1793874
Mean 0.2922
RMS 1.552
Integral 1.794e+06
χ² / ndf 7.075e+04 / 7
Constant 8.892e+05 ± 1042
Mean 0.1697 ± 0.0006
Sigma 0.7688 ± 0.0007
ADC-ped

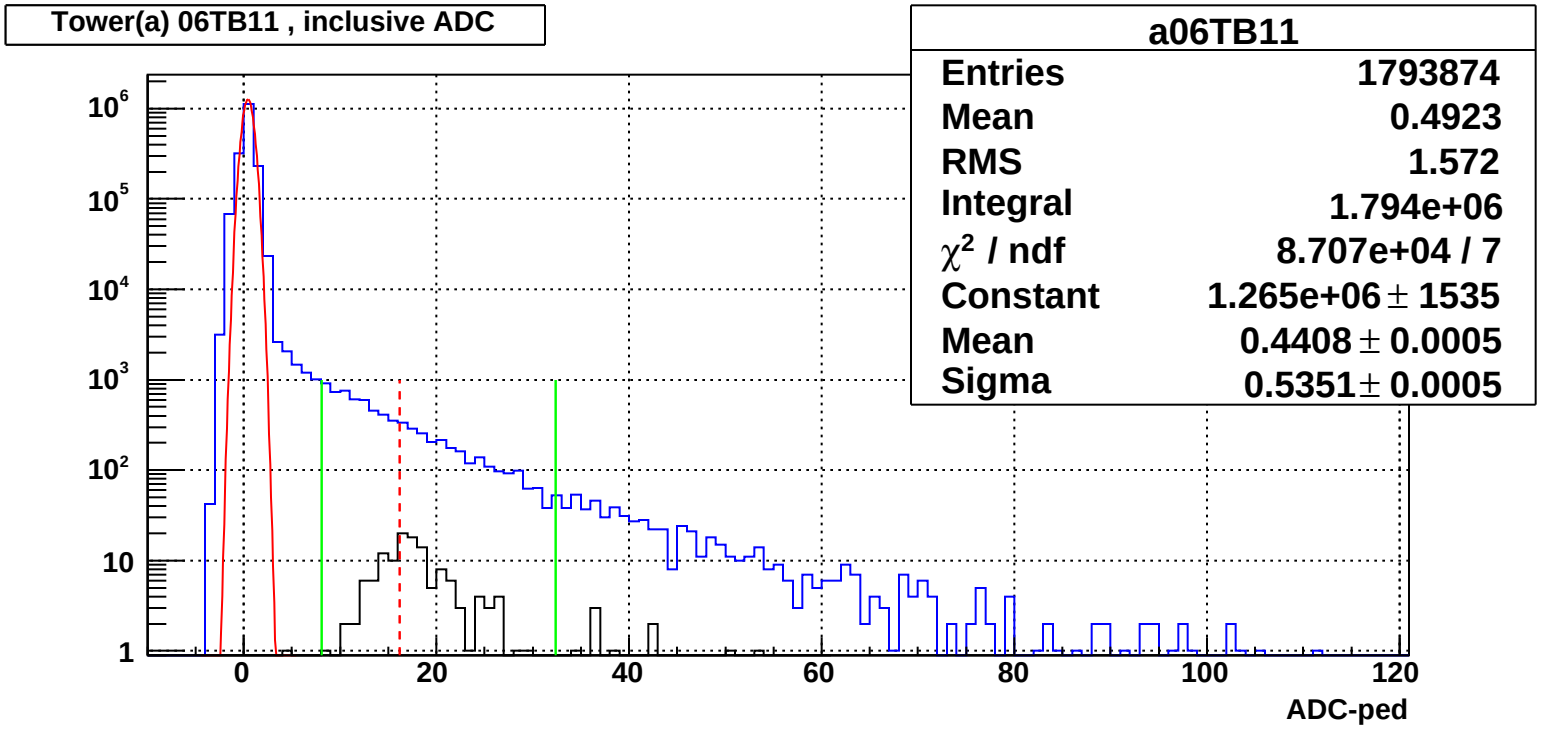

Tower(d) 05TD11 , ADC, tag: UxV 2*thr
d05TD11
Entries 135
Mean 17.67
RMS 7.321
Integral 132
χ² / ndf 10.98 / 17
x0 15.73 ± 0.52
aL 9.708 ± 1.296
sigL 2.248e+04 ± 41759
sigG 3.999 ± 0.528
ADC-ped

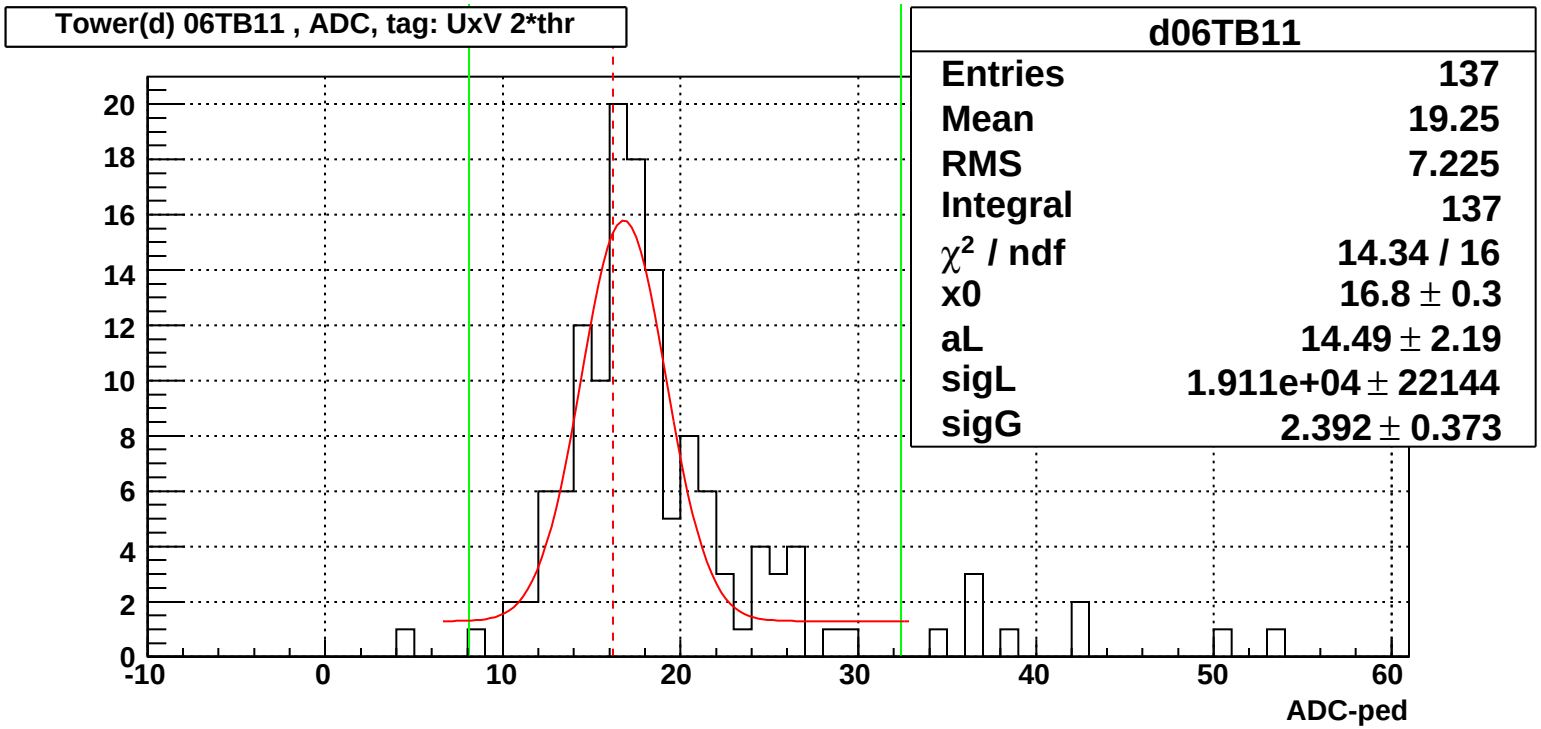

Tower(a) 05TE11 , inclusive ADC
a05TE11
Entries 1793874
Mean 0.4372
RMS 1.547
Integral 1.794e+06
χ² / ndf 1.311e+05 / 7
Constant 8.19e+05 ± 1255
Mean 0.3383 ± 0.0007
Sigma 0.8054 ± 0.0011
ADC-ped

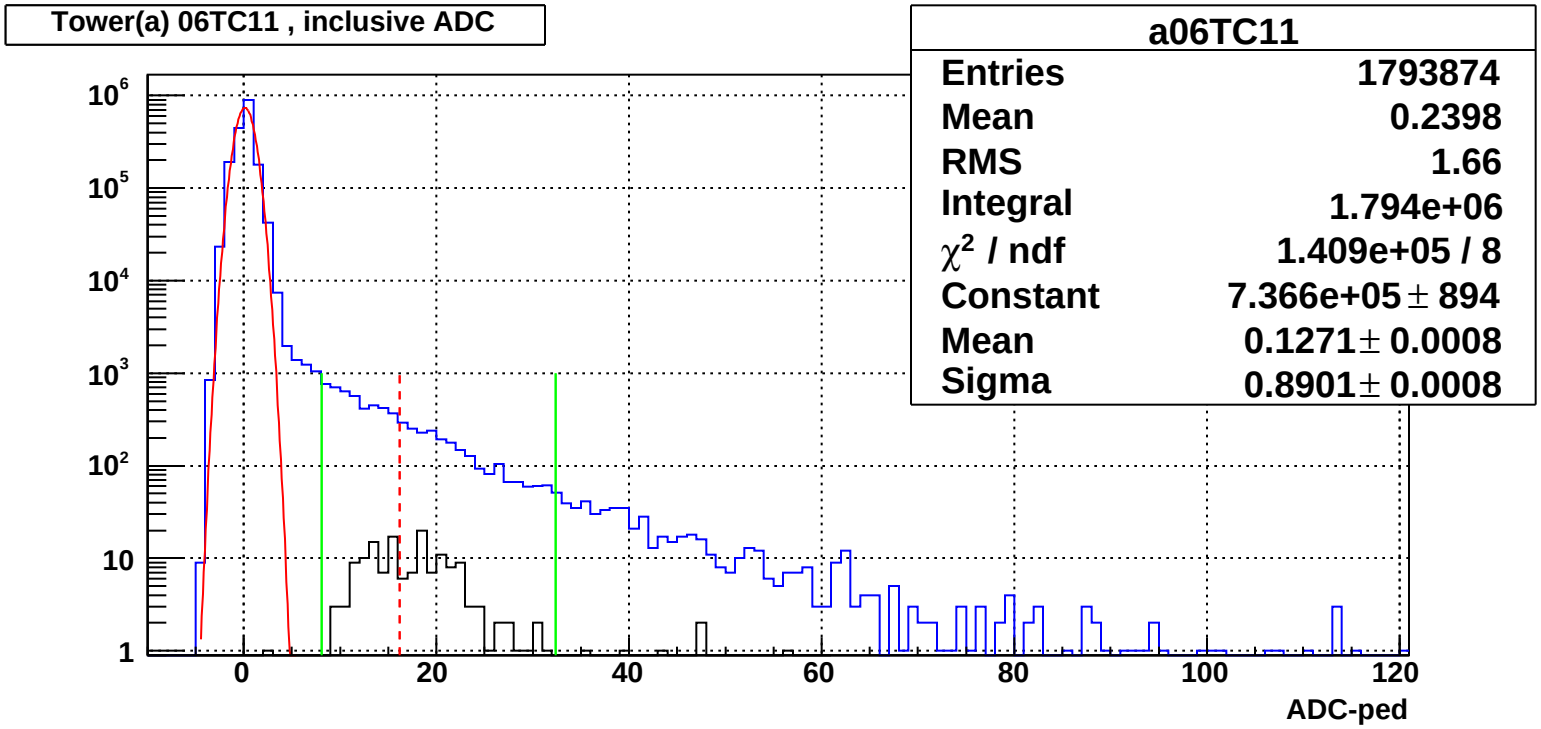

Tower(d) 05TE11 , ADC, tag: UxV 2*thr
d05TE11
Entries 120
Mean 17.69
RMS 5.977
Integral 119
χ² / ndf 11.05 / 18
x0 16.09 ± 0.37
aL 11.88 ± 1.61
sigL 8.954e+04 ± 47523
sigG 2.675 ± 0.310
ADC-ped

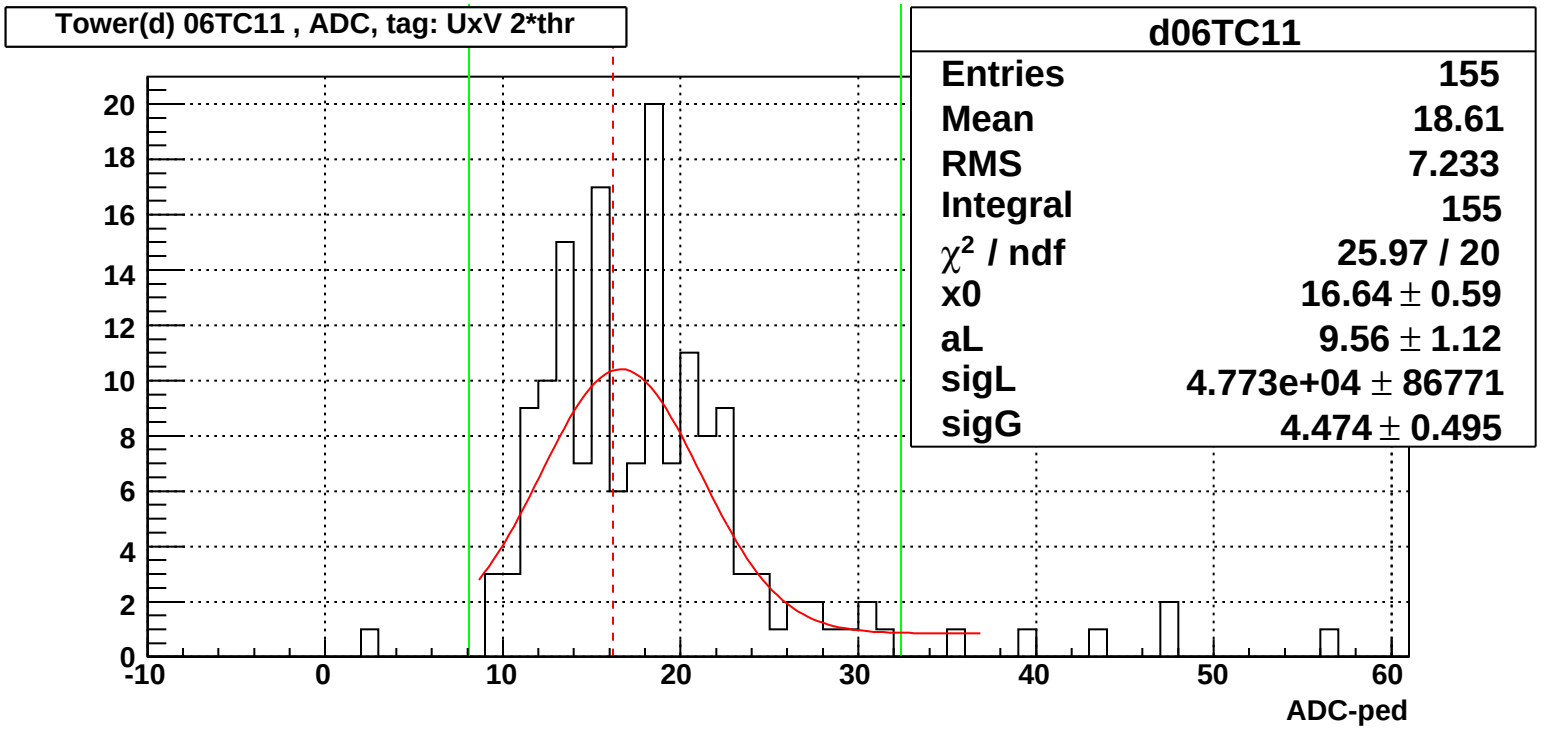

Tower(a) 06TA11 , inclusive ADC
a06TA11
Entries 1793874
Mean -0.03493
RMS 1.721
Integral 1.794e+06
χ² / ndf 1.767e+05 / 8
Constant 7.796e+05 ± 854
Mean -0.1707 ± 0.0009
Sigma 0.8227 ± 0.0006
ADC-ped

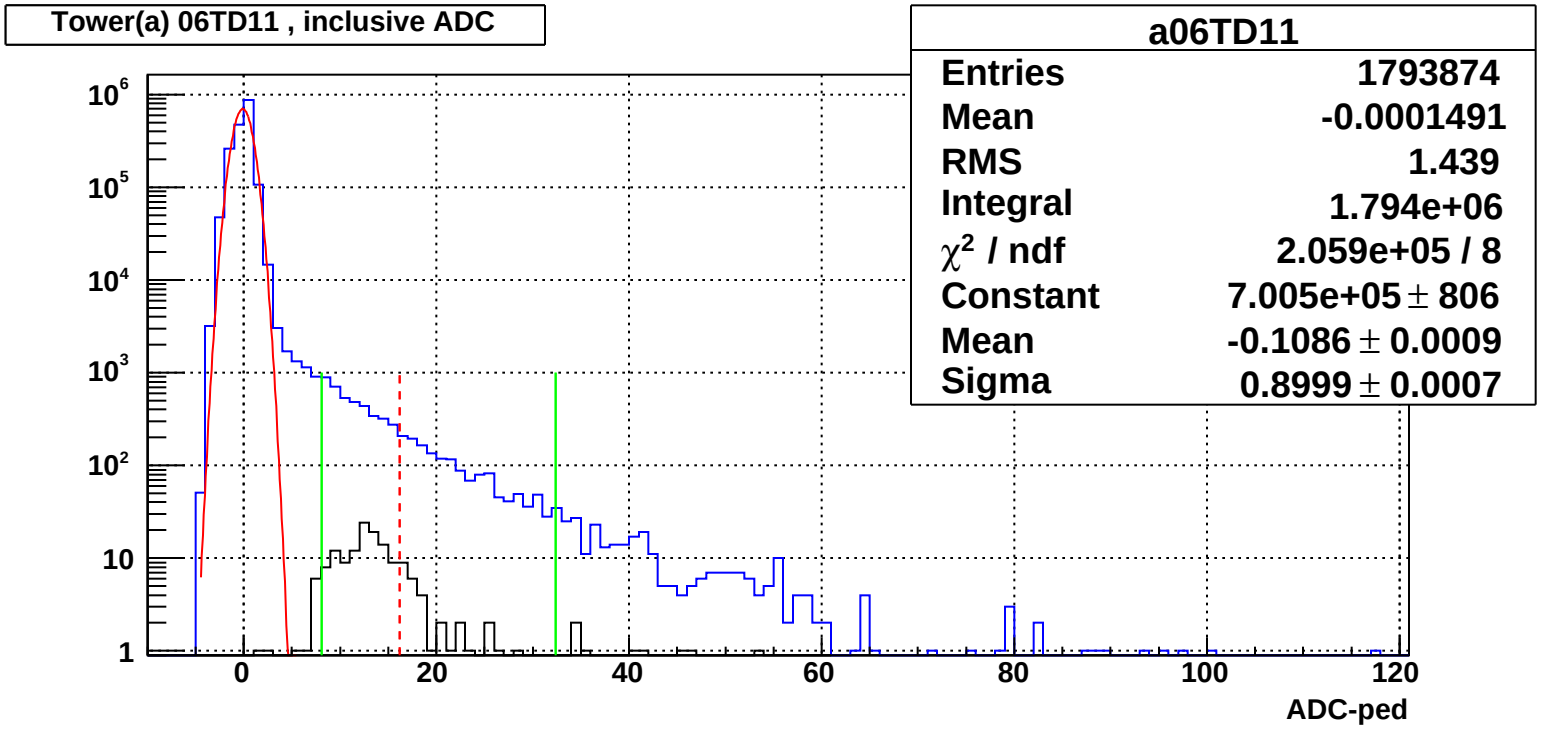

Tower(d) 06TA11 , ADC, tag: UxV 2*thr
d06TA11
Entries 115
Mean 20.2
RMS 7.344
Integral 115
χ² / ndf 13.41 / 16
x0 18.92 ± 0.71
aL 6.984 ± 0.984
sigL 6.779e+04 ± 160229
sigG 4.968 ± 0.725
ADC-ped

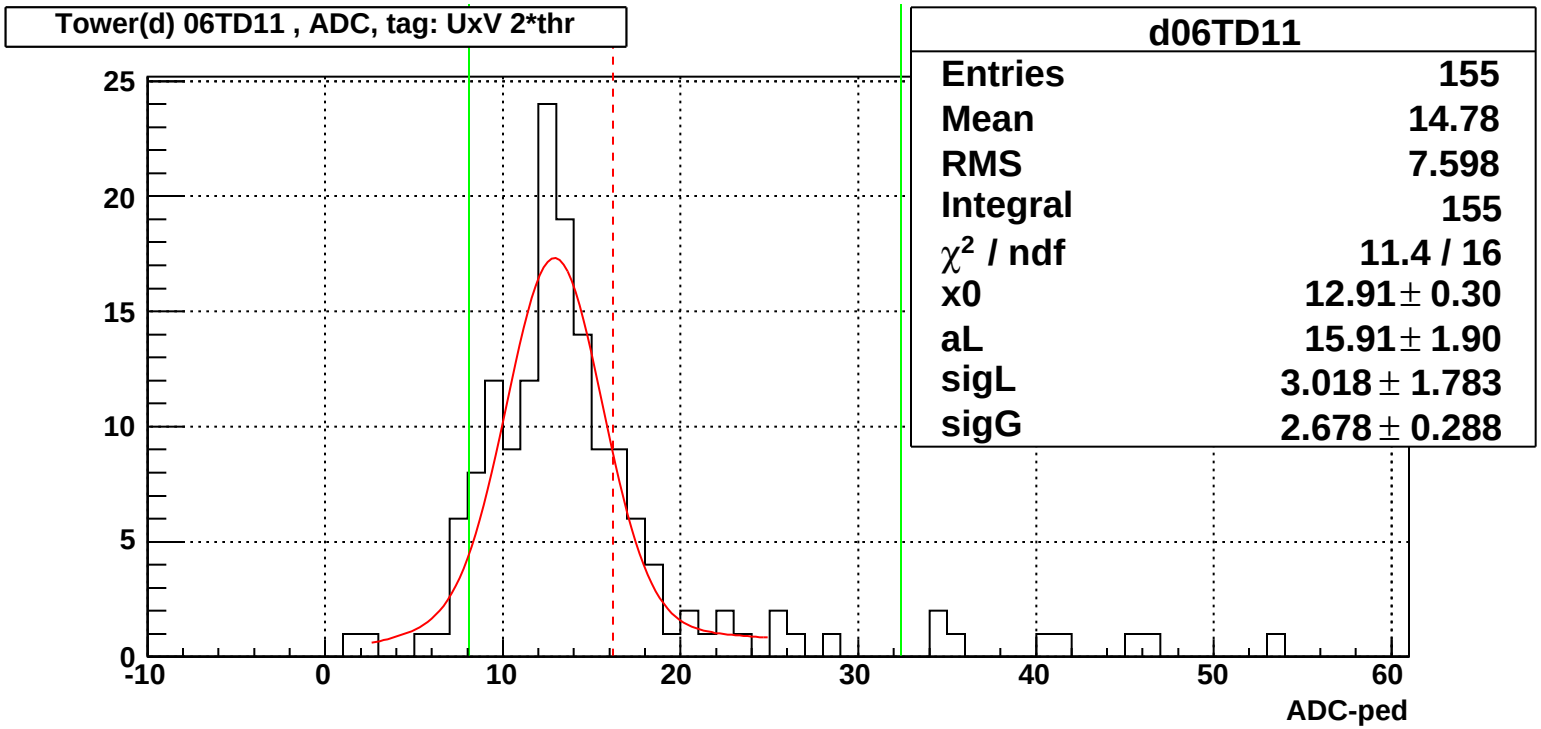

Tower(a) 06TB11 , inclusive ADC
a06TB11
Entries 1793874
Mean 0.4923
RMS 1.572
Integral 1.794e+06
χ² / ndf 8.707e+04 / 7
Constant 1.265e+06 ± 1535
Mean 0.4408 ± 0.0005
Sigma 0.5351 ± 0.0005
ADC-ped

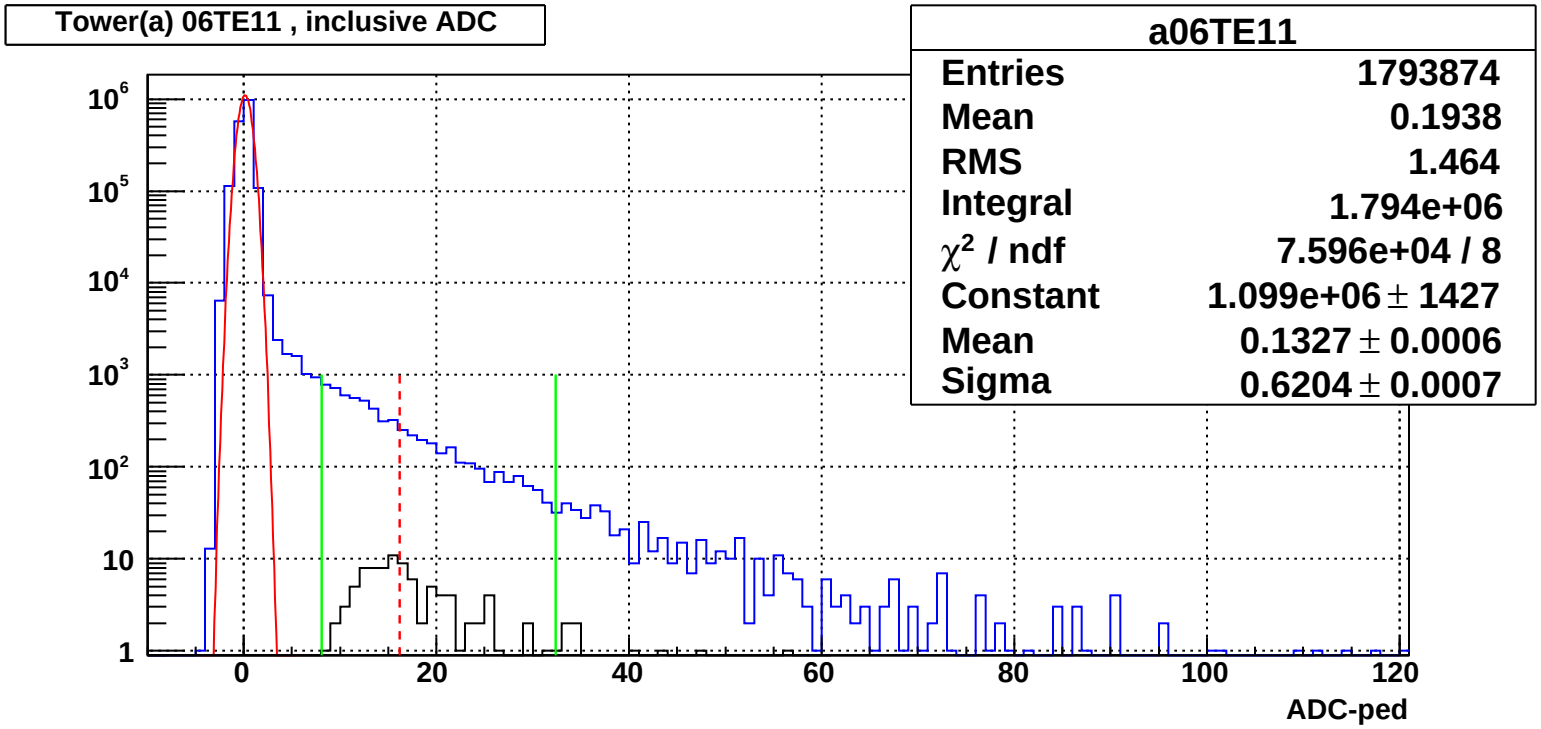

Tower(d) 06TB11 , ADC, tag: UxV 2*thr
d06TB11
Entries 137
Mean 19.25
RMS 7.225
Integral 137
χ² / ndf 14.34 / 16
x0 16.8 ± 0.3
aL 14.49 ± 2.19
sigL 1.911e+04 ± 22144
sigG 2.392 ± 0.373
ADC-ped

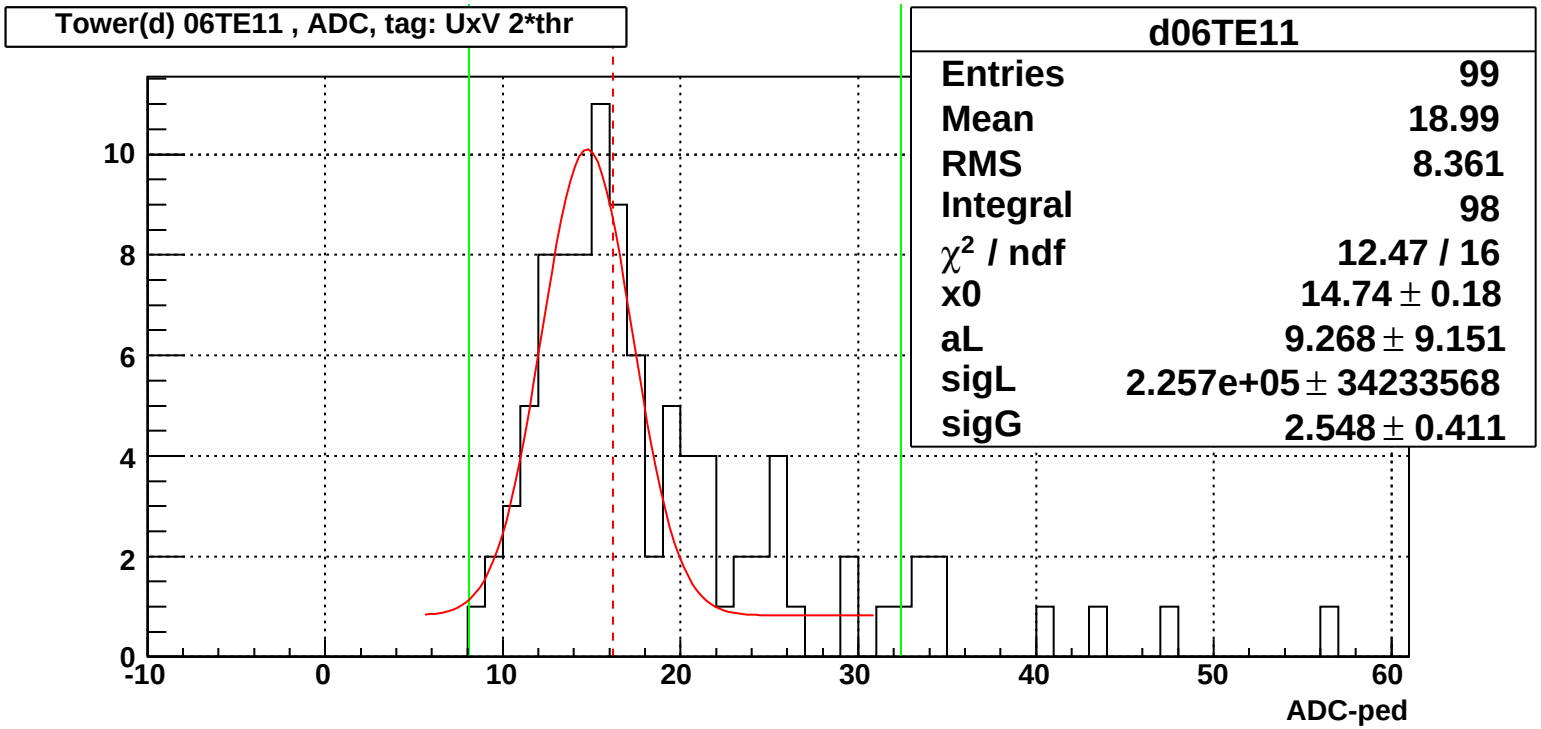

Tower(a) 06TC11 , inclusive ADC
a06TC11
Entries 1793874
Mean 0.2398
RMS 1.66
Integral 1.794e+06
χ² / ndf 1.409e+05 / 8
Constant 7.366e+05 ± 894
Mean 0.1271 ± 0.0008
Sigma 0.8901 ± 0.0008
ADC-ped

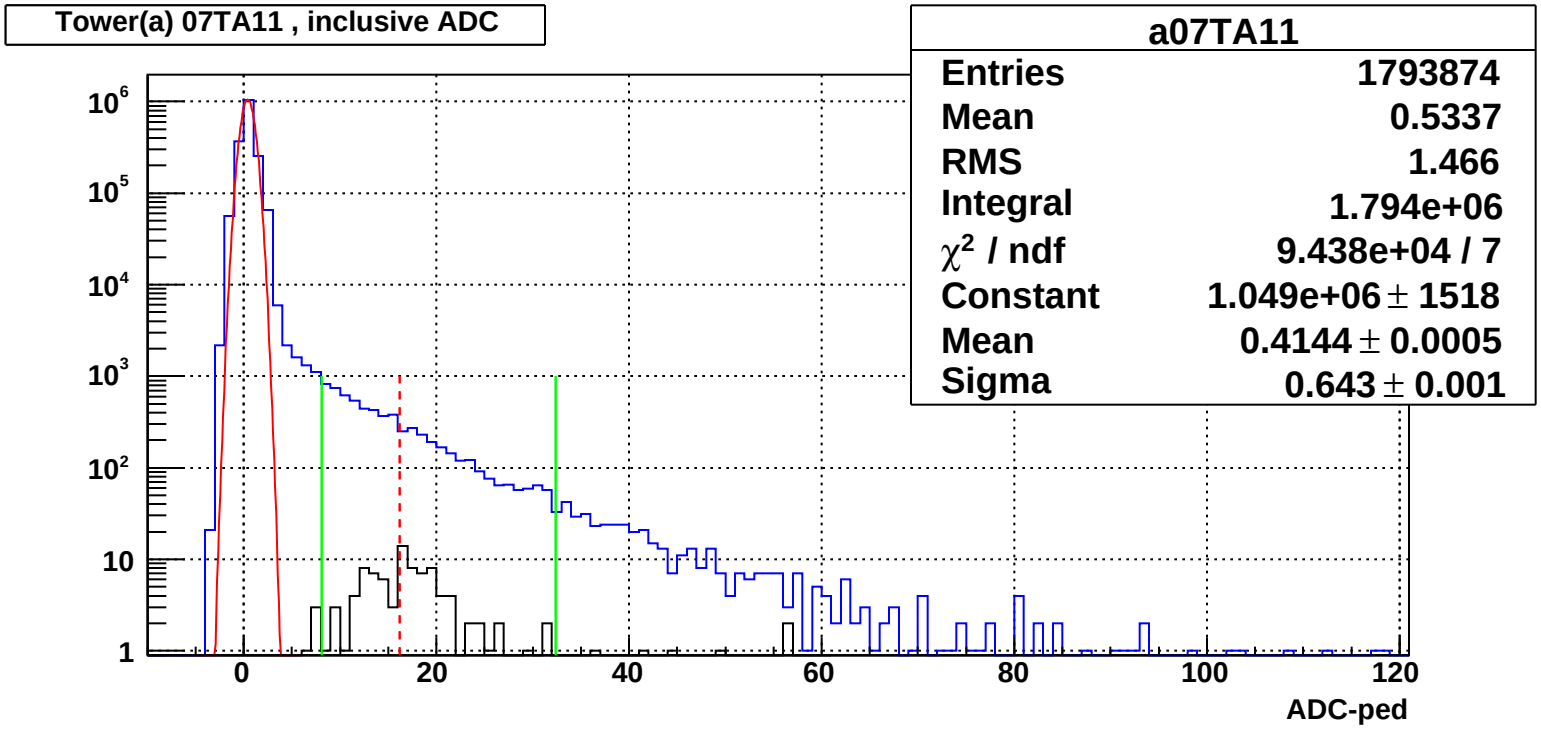

Tower(d) 06TC11 , ADC, tag: UxV 2*thr
d06TC11
Entries 155
Mean 18.61
RMS 7.233
Integral 155
χ² / ndf 25.97 / 20
x0 16.64 ± 0.59
aL 9.56 ± 1.12
sigL 4.773e+04 ± 86771
sigG 4.474 ± 0.495
ADC-ped

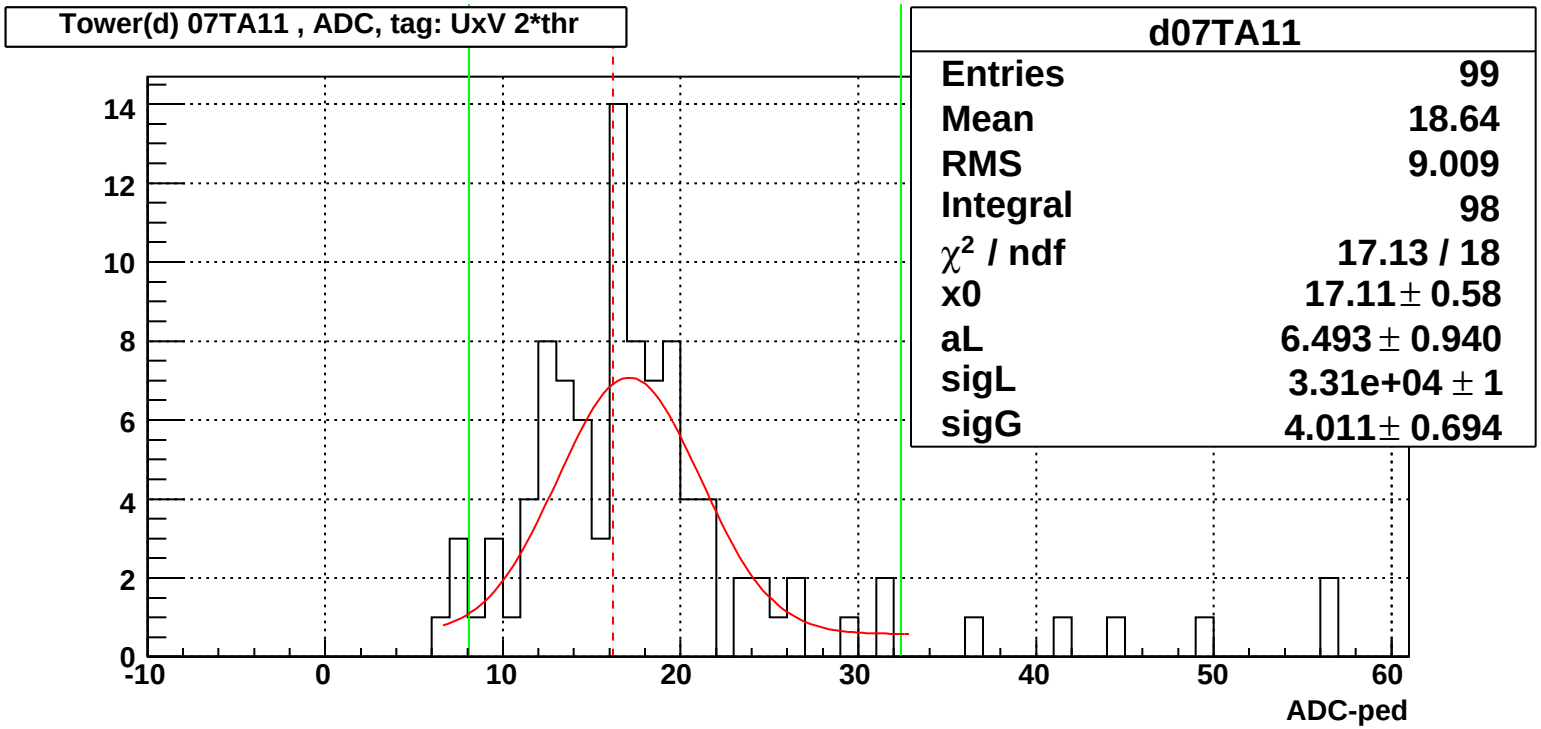

Tower(a) 06TD11 , inclusive ADC
a06TD11
Entries 1793874
Mean -0.0001491
RMS 1.439
Integral 1.794e+06
χ² / ndf 2.059e+05 / 8
Constant 7.005e+05 ± 806
Mean -0.1086 ± 0.0009
Sigma 0.8999 ± 0.0007
ADC-ped

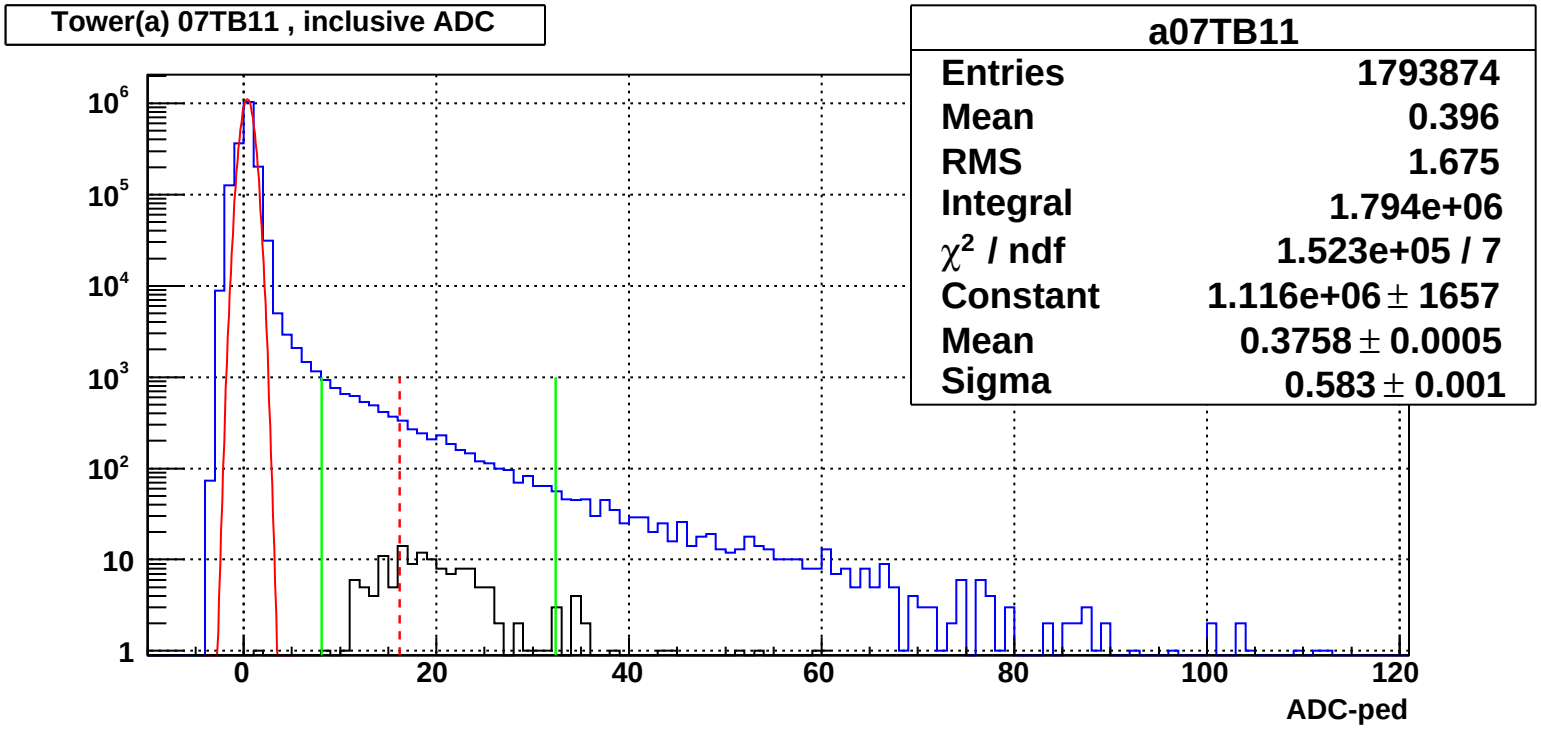

Tower(d) 06TD11 , ADC, tag: UxV 2*thr
d06TD11
Entries 155
Mean 14.78
RMS 7.598
Integral 155
χ² / ndf 11.4 / 16
x0 12.91 ± 0.30
aL 15.91 ± 1.90
sigL 3.018 ± 1.783
sigG 2.678 ± 0.288
ADC-ped

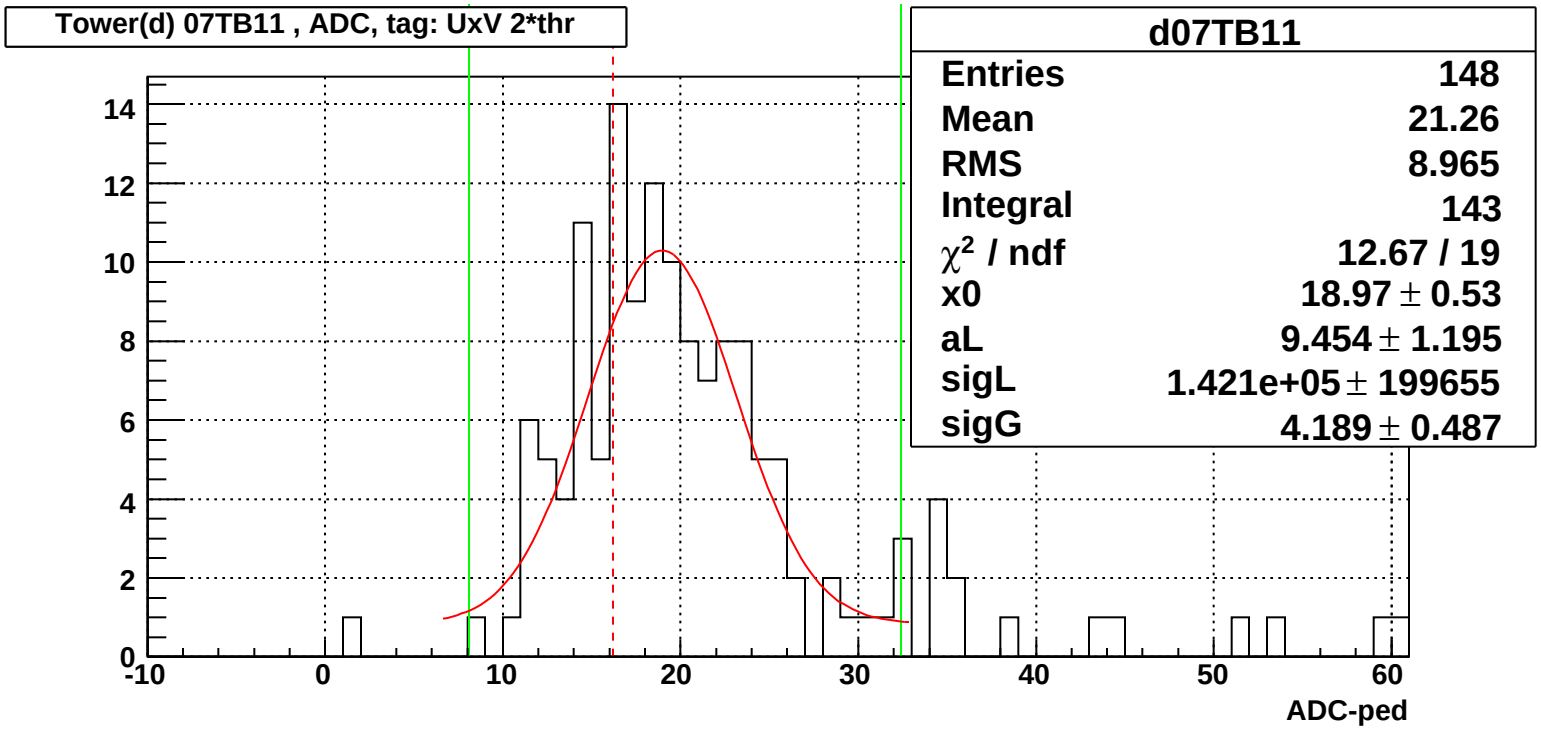

Tower(a) 06TE11 , inclusive ADC
a06TE11
Entries 1793874
Mean 0.1938
RMS 1.464
Integral 1.794e+06
χ² / ndf 7.596e+04 / 8
Constant 1.099e+06 ± 1427
Mean 0.1327 ± 0.0006
Sigma 0.6204 ± 0.0007
ADC-ped

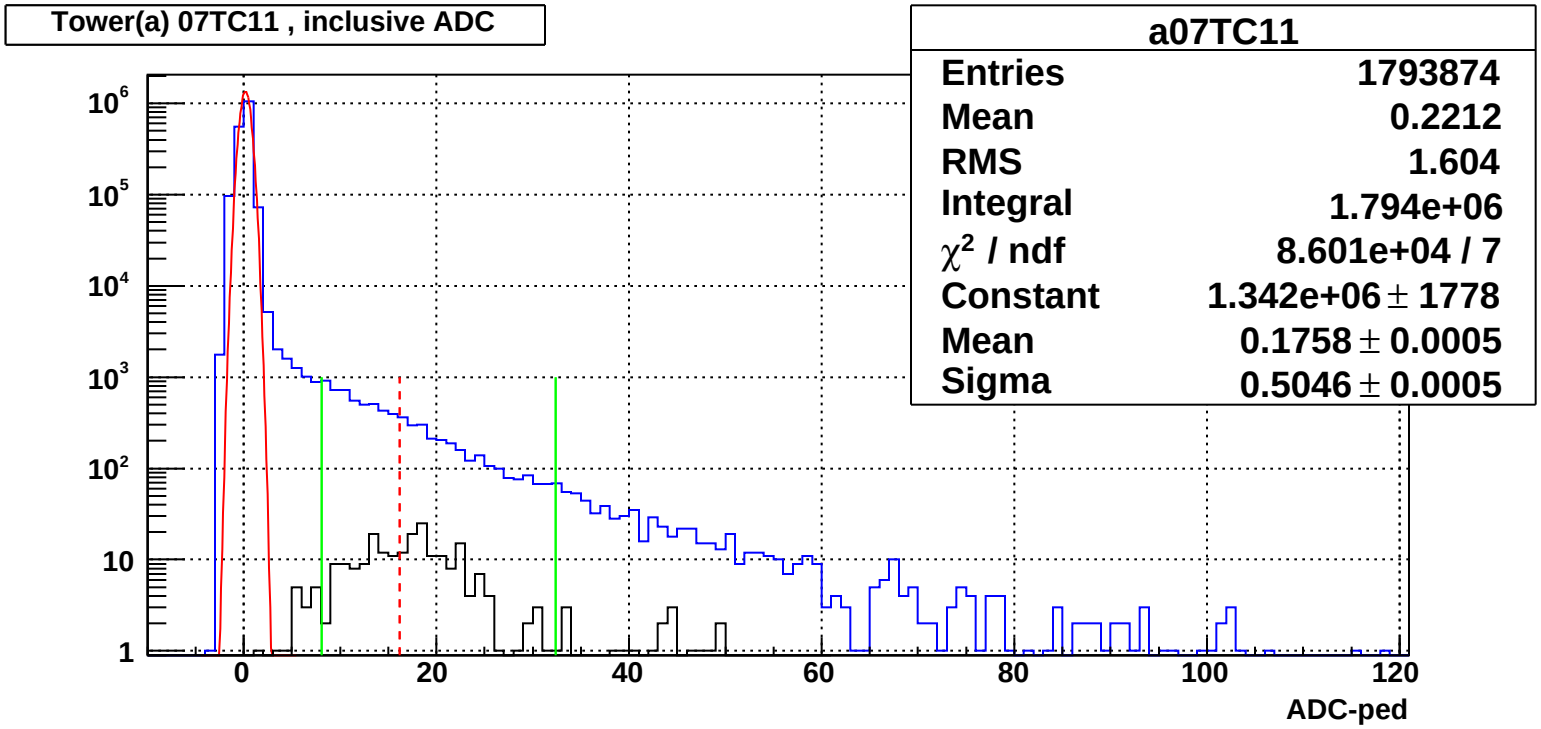

Tower(d) 06TE11 , ADC, tag: UxV 2*thr
d06TE11
Entries 99
Mean 18.99
RMS 8.361
Integral 98
χ² / ndf 12.47 / 16
x0 14.74 ± 0.18
aL 9.268 ± 9.151
sigL 2.257e+05 ± 34233568
sigG 2.548 ± 0.411
ADC-ped

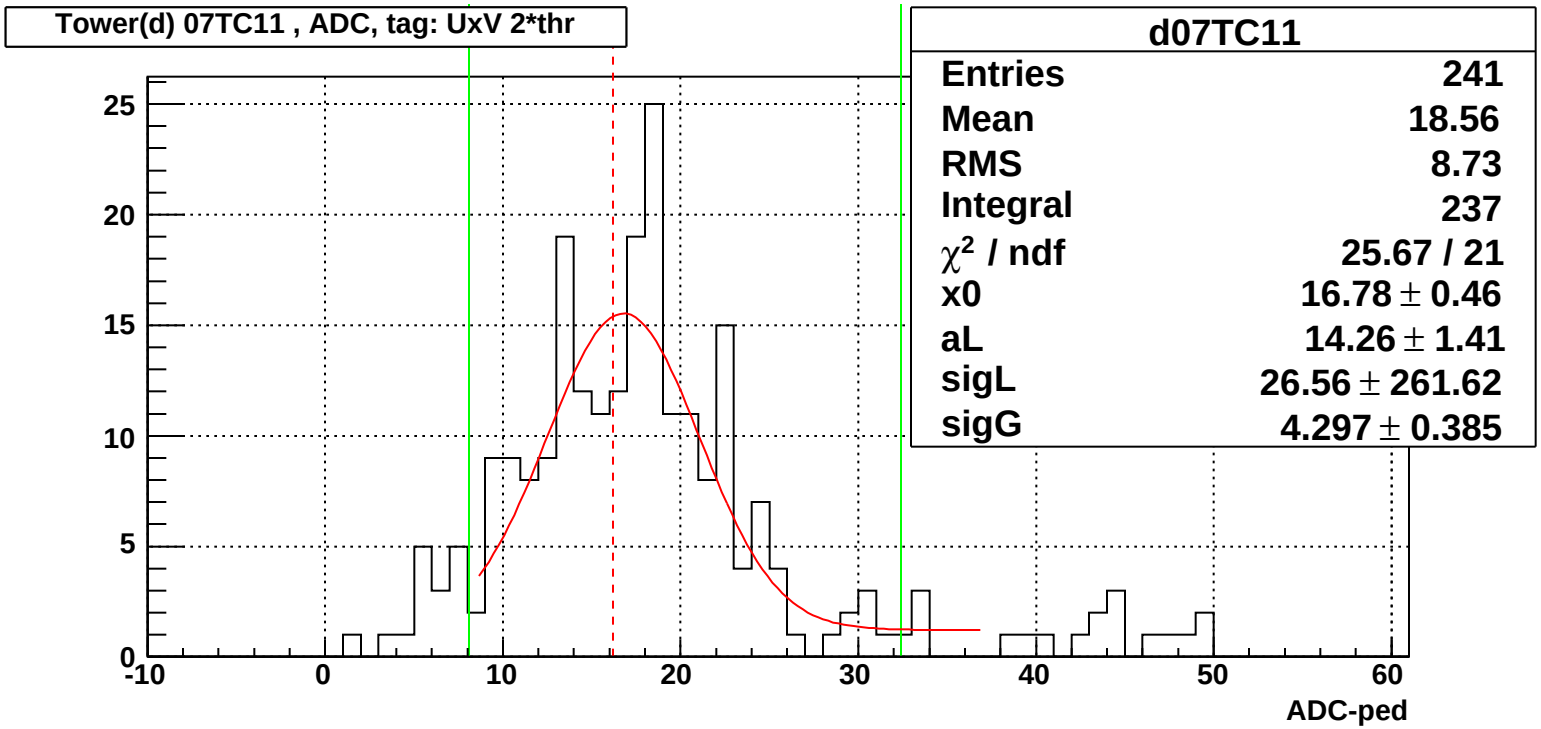

Tower(a) 07TA11 , inclusive ADC
a07TA11
Entries 1793874
Mean 0.5337
RMS 1.466
Integral 1.794e+06
χ² / ndf 9.438e+04 / 7
Constant 1.049e+06 ± 1518
Mean 0.4144 ± 0.0005
Sigma 0.643 ± 0.001
ADC-ped

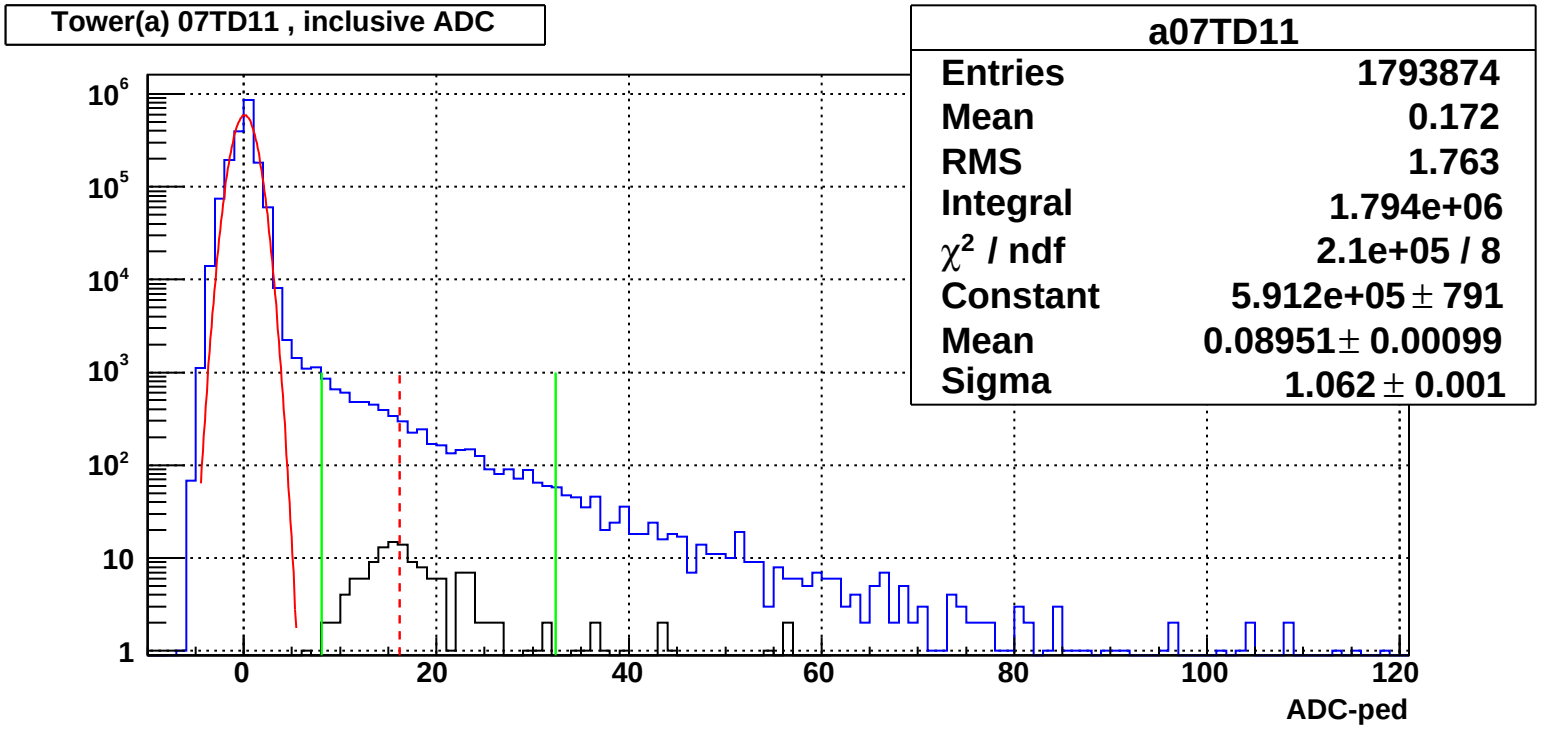

Tower(d) 07TA11 , ADC, tag: UxV 2*thr
d07TA11
Entries 99
Mean 18.64
RMS 9.009
Integral 98
χ² / ndf 17.13 / 18
x0 17.11 ± 0.58
aL 6.493 ± 0.940
sigL 3.31e+04 ± 1
sigG 4.011 ± 0.694
ADC-ped

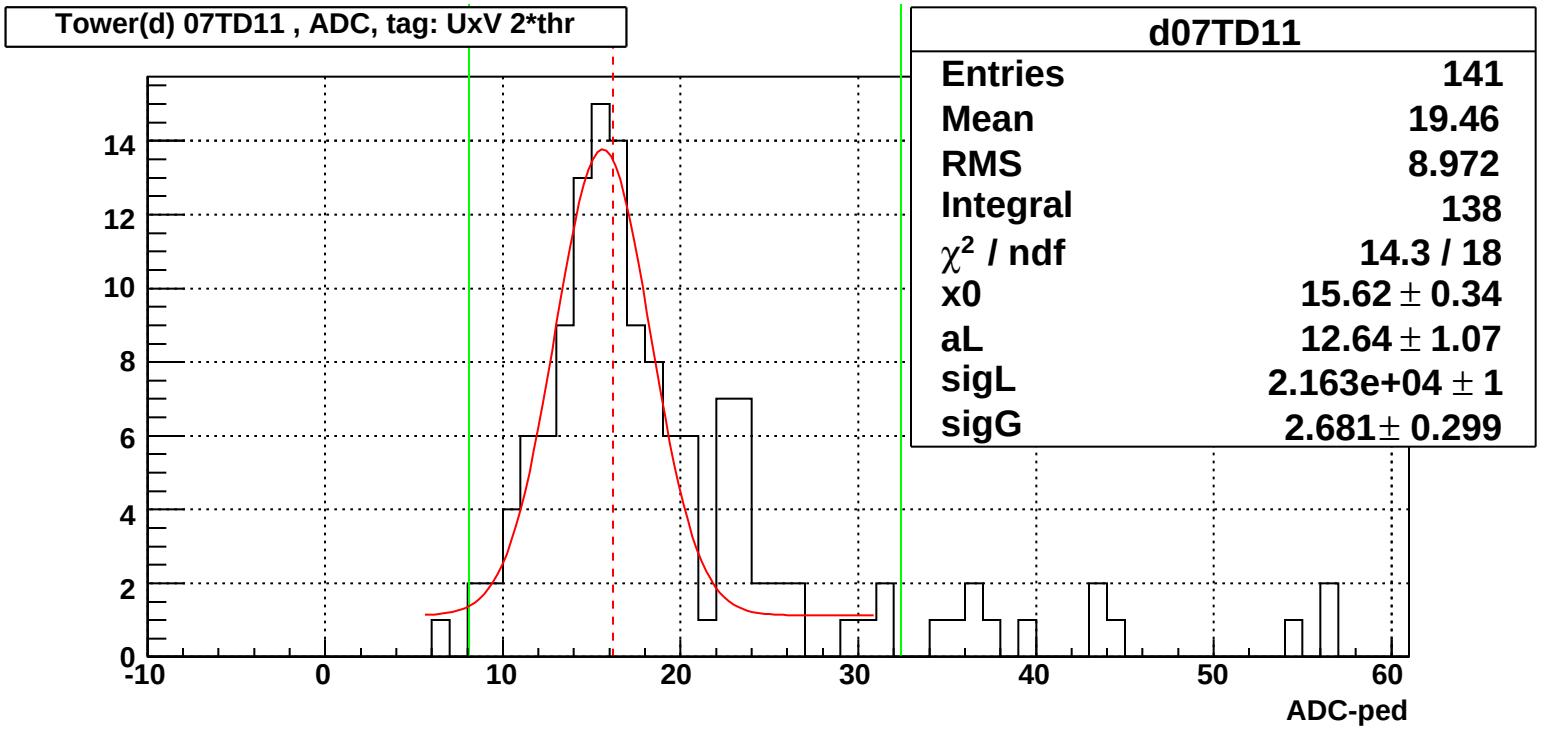

Tower(a) 07TB11 , inclusive ADC
a07TB11
Entries 1793874
Mean 0.396
RMS 1.675
Integral 1.794e+06
χ² / ndf 1.523e+05 / 7
Constant 1.116e+06 ± 1657
Mean 0.3758 ± 0.0005
Sigma 0.583 ± 0.001
ADC-ped

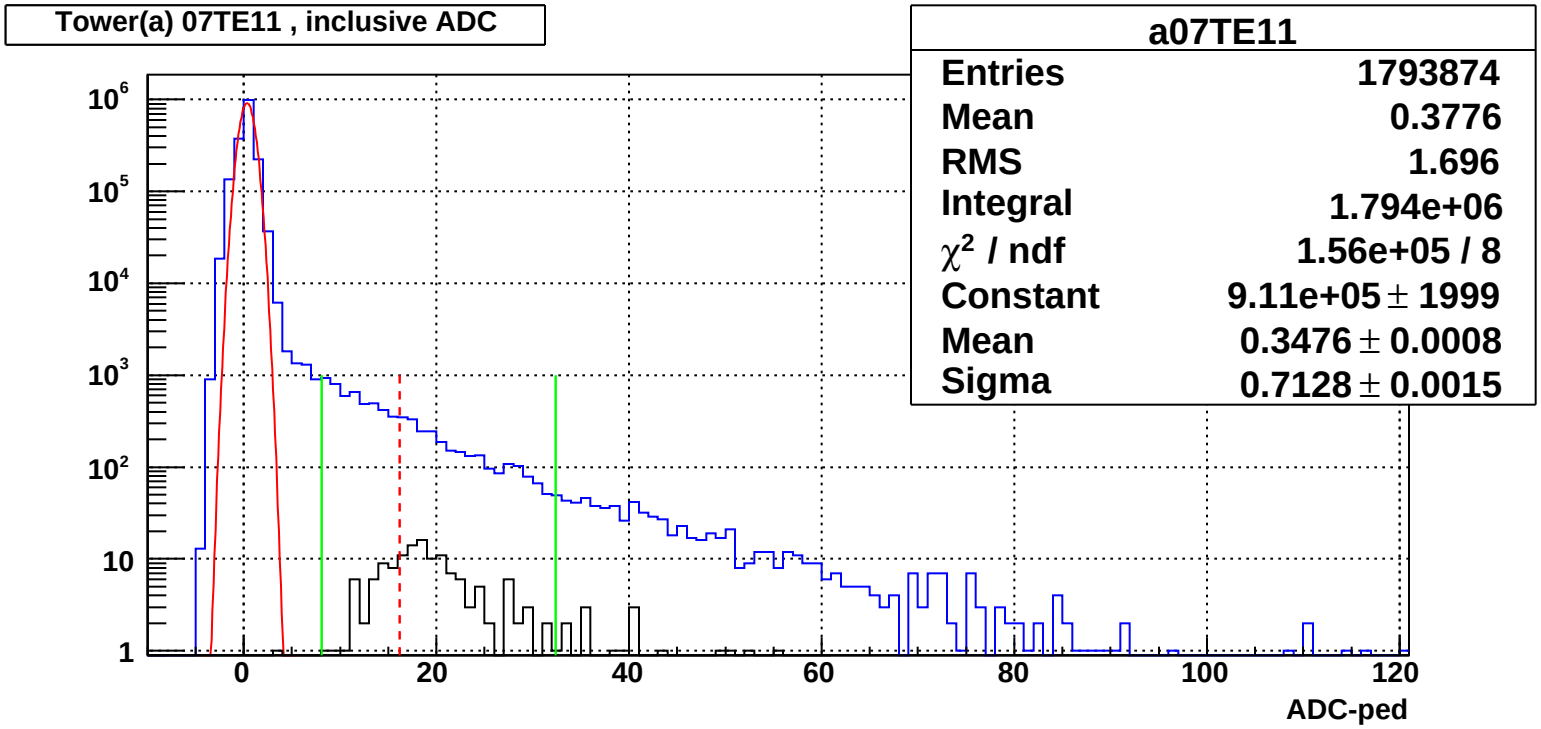

Tower(d) 07TB11 , ADC, tag: UxV 2*thr
d07TB11
Entries 148
Mean 21.26
RMS 8.965
Integral 143
χ² / ndf 12.67 / 19
x0 18.97 ± 0.53
aL 9.454 ± 1.195
sigL 1.421e+05 ± 199655
sigG 4.189 ± 0.487
ADC-ped

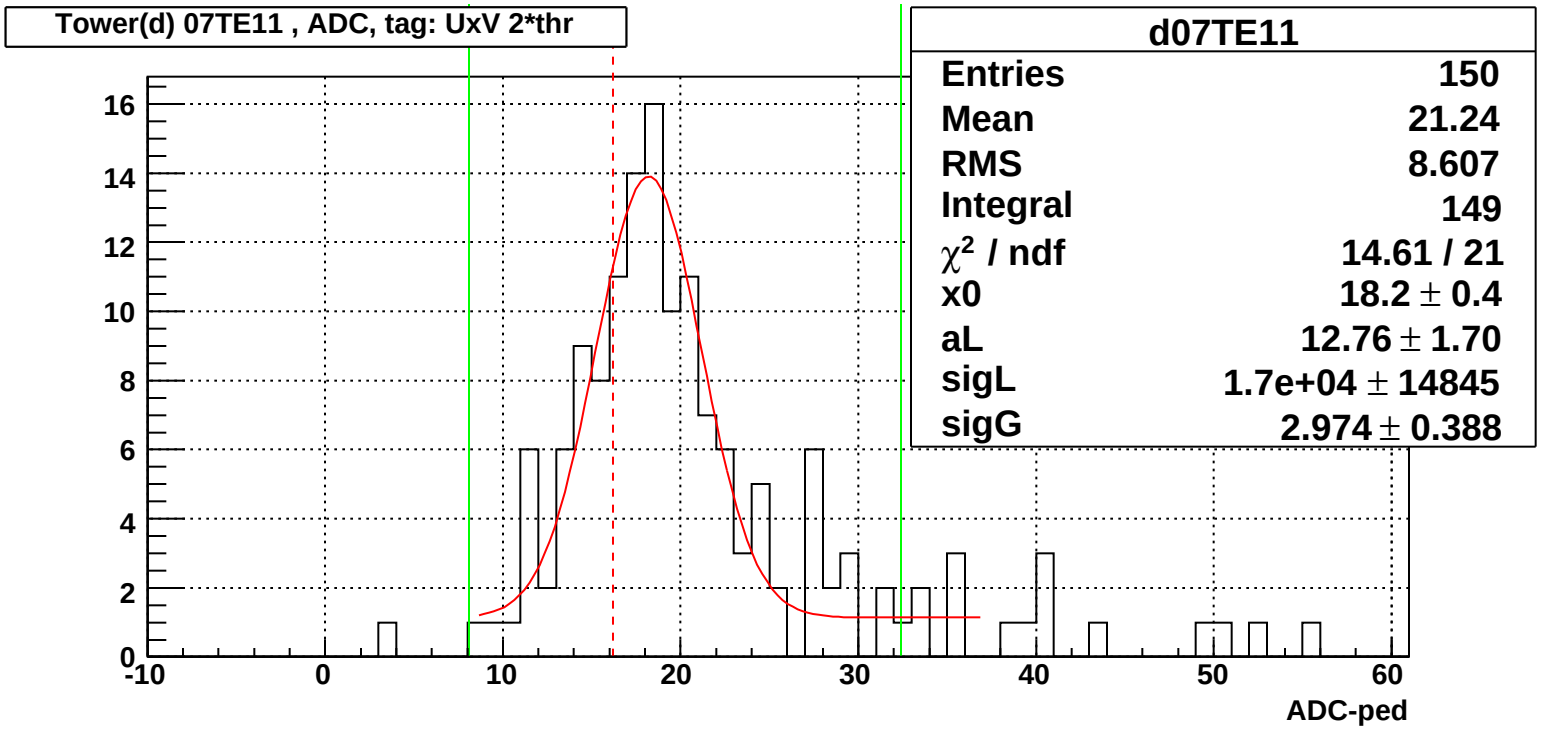

Tower(a) 07TC11 , inclusive ADC
a07TC11
Entries 1793874
Mean 0.2212
RMS 1.604
Integral 1.794e+06
χ² / ndf 8.601e+04 / 7
Constant 1.342e+06 ± 1778
Mean 0.1758 ± 0.0005
Sigma 0.5046 ± 0.0005
ADC-ped

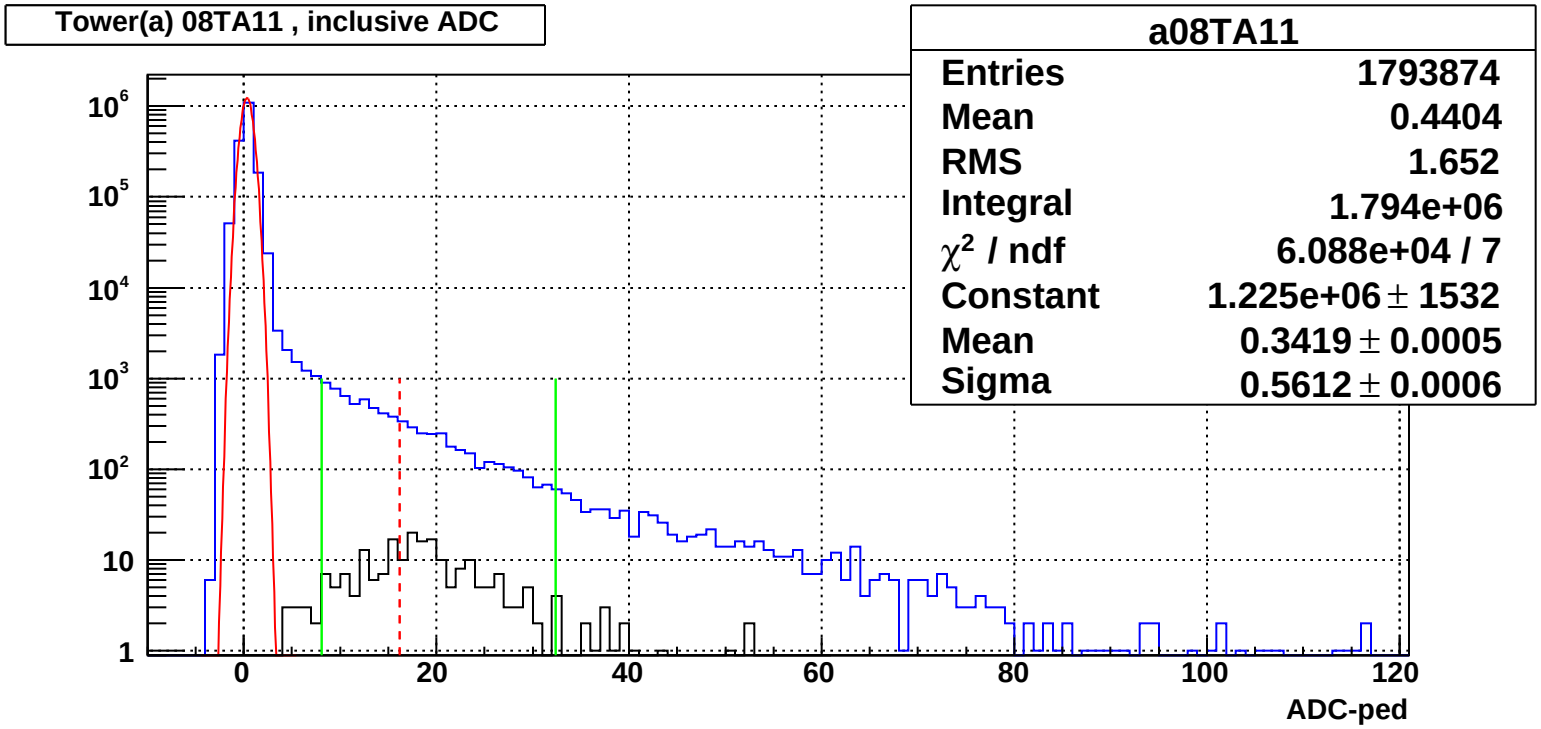

Tower(d) 07TC11 , ADC, tag: UxV 2*thr
d07TC11
Entries 241
Mean 18.56
RMS 8.73
Integral 237
χ² / ndf 25.67 / 21
x0 16.78 ± 0.46
aL 14.26 ± 1.41
sigL 26.56 ± 261.62
sigG 4.297 ± 0.385
ADC-ped

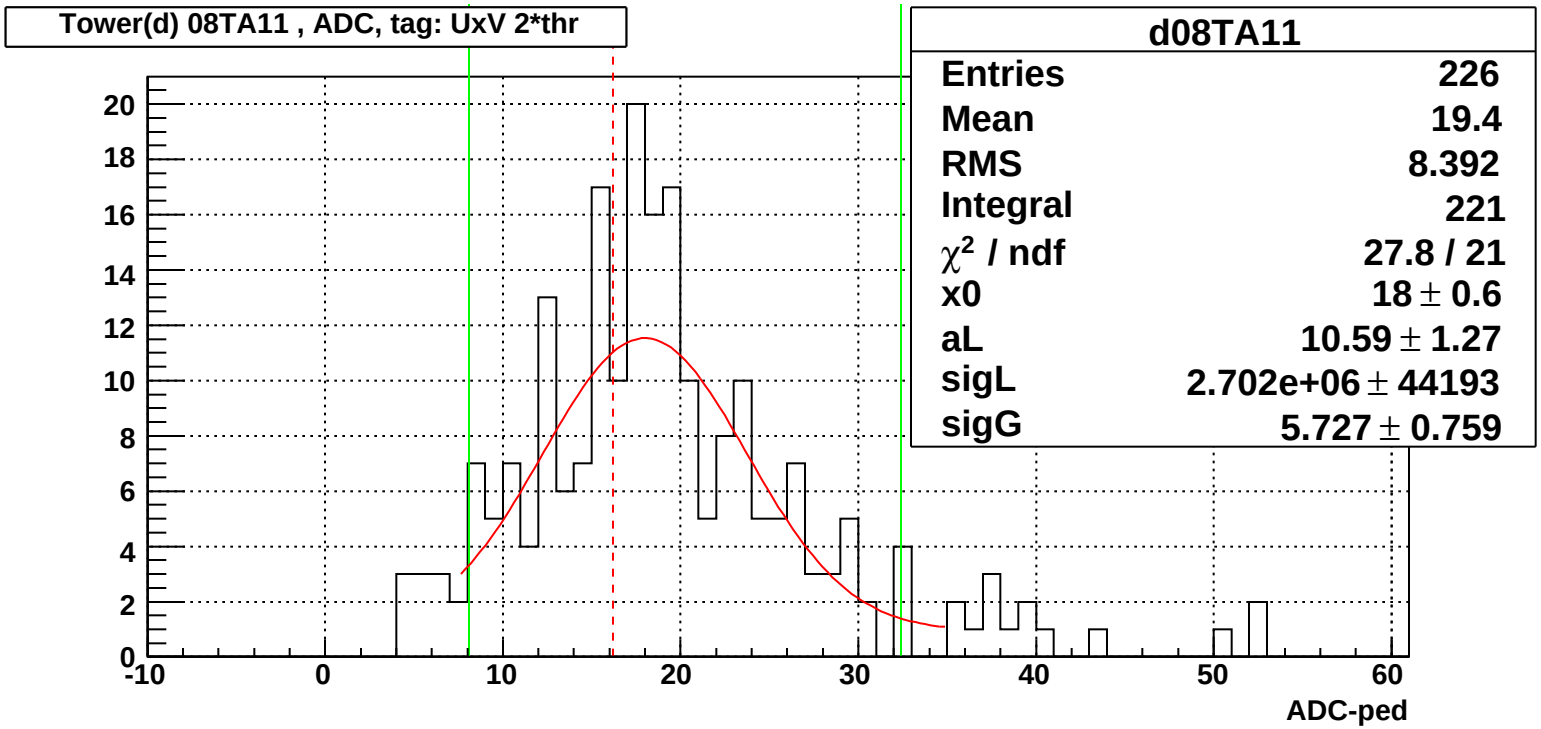

Tower(a) 07TD11 , inclusive ADC
a07TD11
Entries 1793874
Mean 0.172
RMS 1.763
Integral 1.794e+06
χ² / ndf 2.1e+05 / 8
Constant 5.912e+05 ± 791
Mean 0.08951 ± 0.00099
Sigma 1.062 ± 0.001
ADC-ped

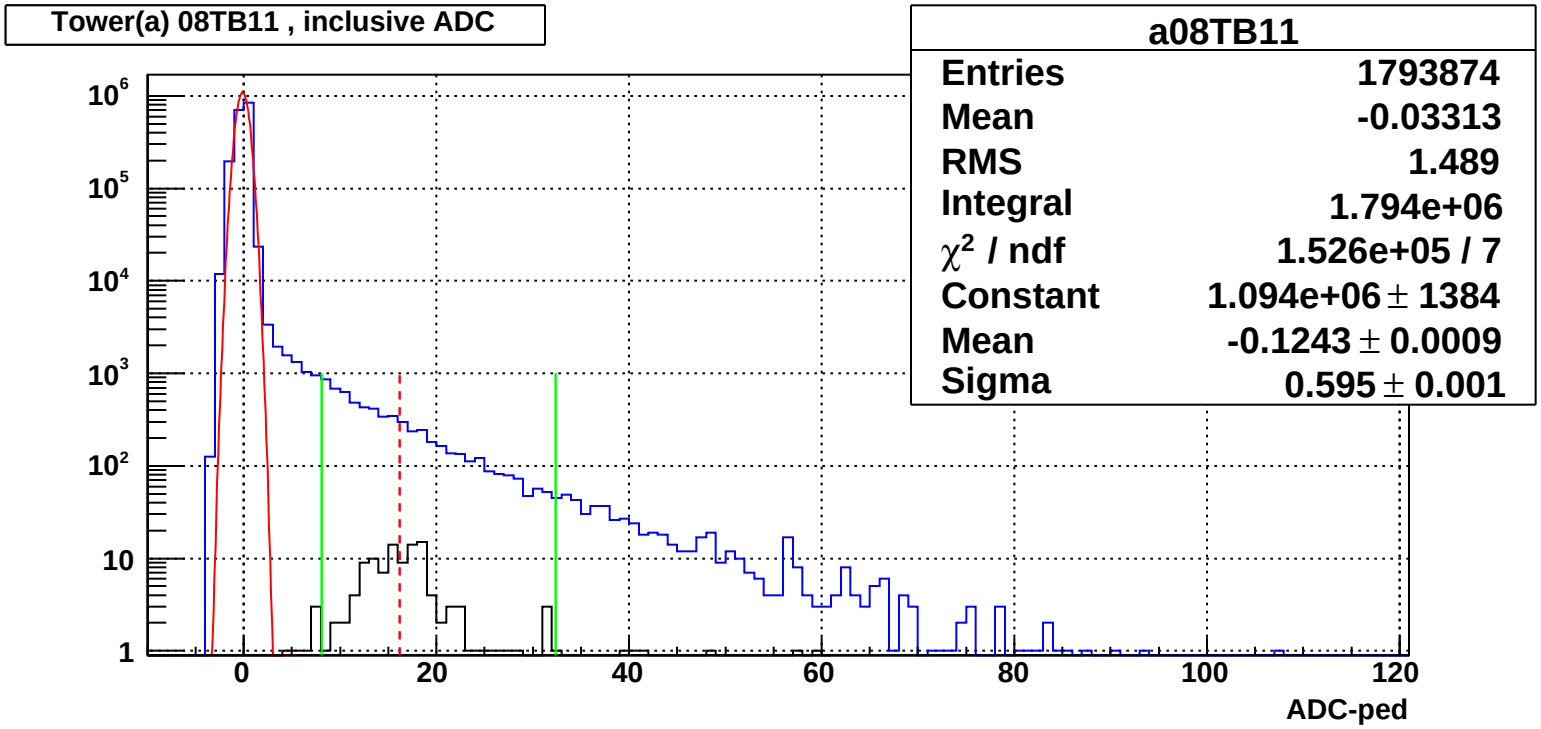

Tower(d) 07TD11 , ADC, tag: UxV 2*thr
d07TD11
Entries 141
Mean 19.46
RMS 8.972
Integral 138
χ² / ndf 14.3 / 18
x0 15.62 ± 0.34
aL 12.64 ± 1.07
sigL 2.163e+04 ± 1
sigG 2.681 ± 0.299
ADC-ped

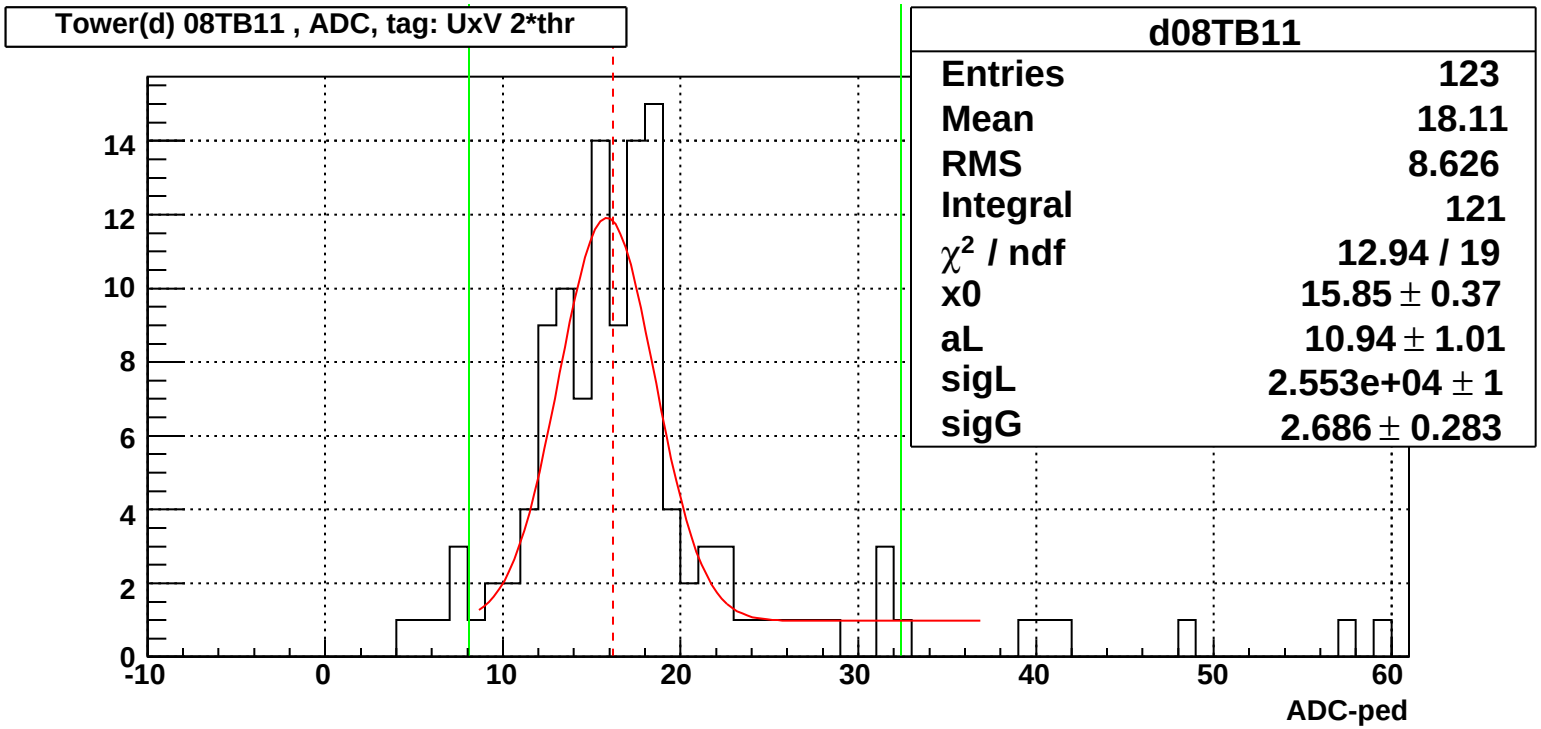

Tower(a) 07TE11 , inclusive ADC
a07TE11
Entries 1793874
Mean 0.3776
RMS 1.696
Integral 1.794e+06
χ² / ndf 1.56e+05 / 8
Constant 9.11e+05 ± 1999
Mean 0.3476 ± 0.0008
Sigma 0.7128 ± 0.0015
ADC-ped

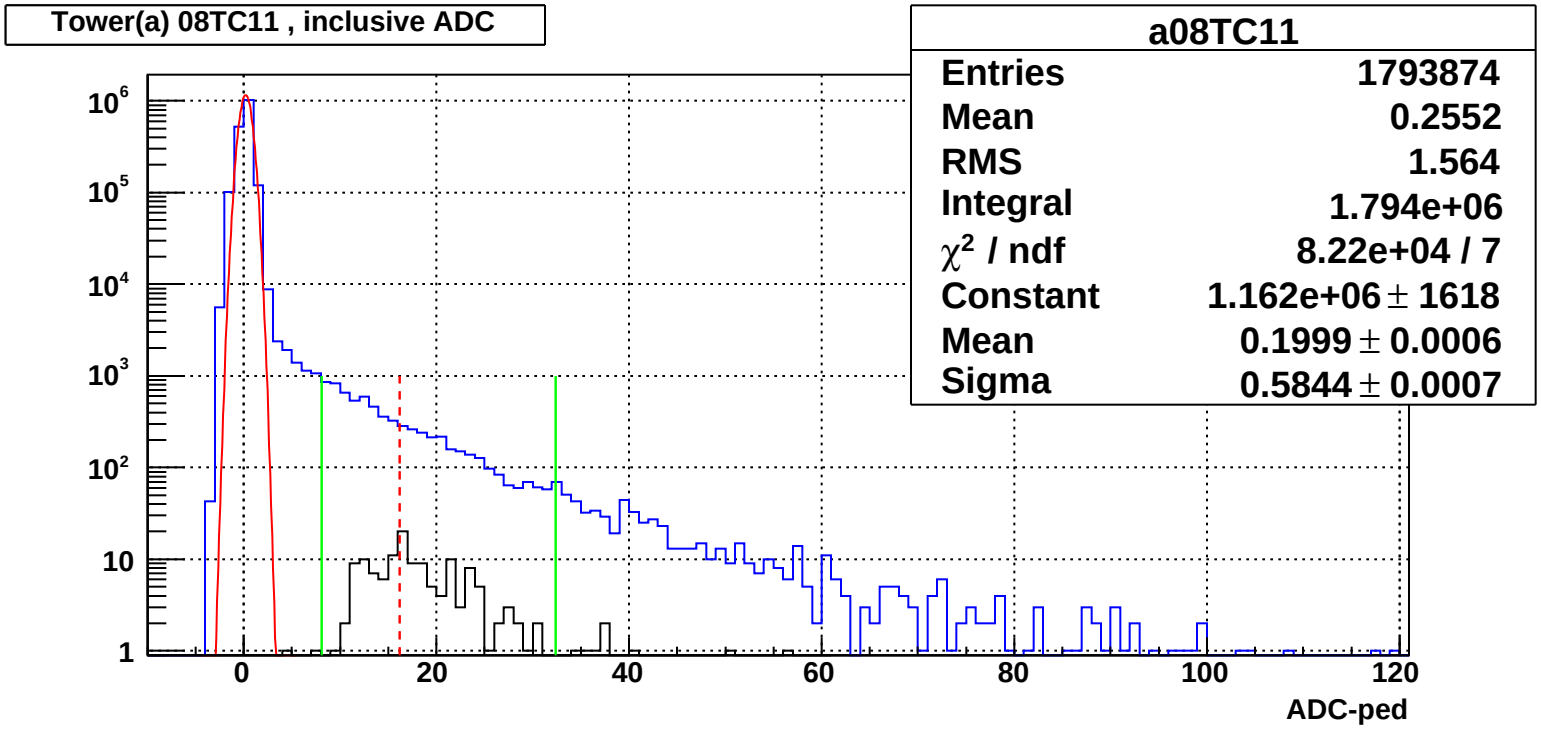

Tower(d) 07TE11 , ADC, tag: UxV 2*thr
d07TE11
Entries 150
Mean 21.24
RMS 8.607
Integral 149
χ² / ndf 14.61 / 21
x0 18.2 ± 0.4
aL 12.76 ± 1.70
sigL 1.7e+04 ± 14845
sigG 2.974 ± 0.388
ADC-ped

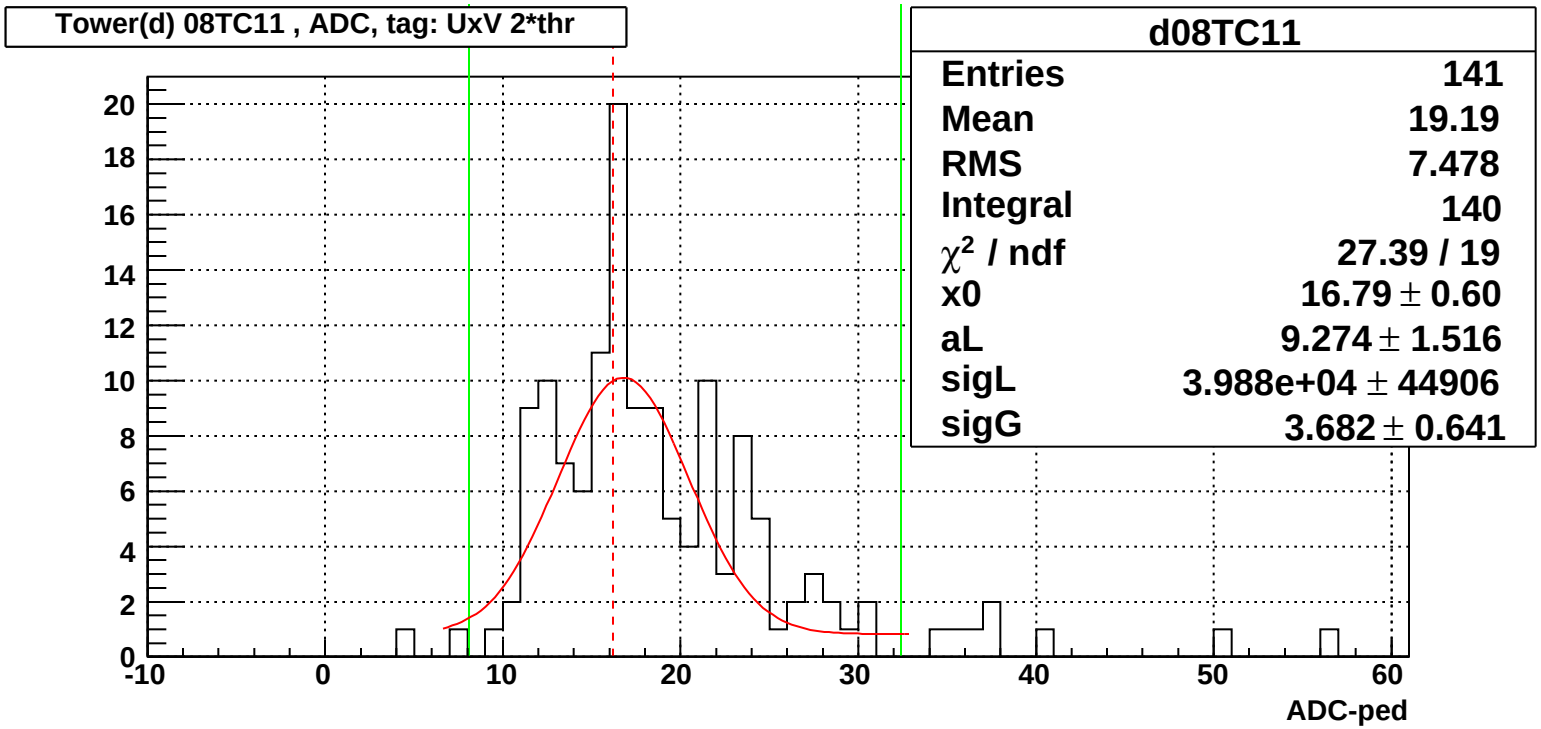

Tower(a) 08TA11 , inclusive ADC
a08TA11
Entries 1793874
Mean 0.4404
RMS 1.652
Integral 1.794e+06
χ² / ndf 6.088e+04 / 7
Constant 1.225e+06 ± 1532
Mean 0.3419 ± 0.0005
Sigma 0.5612 ± 0.0006
ADC-ped

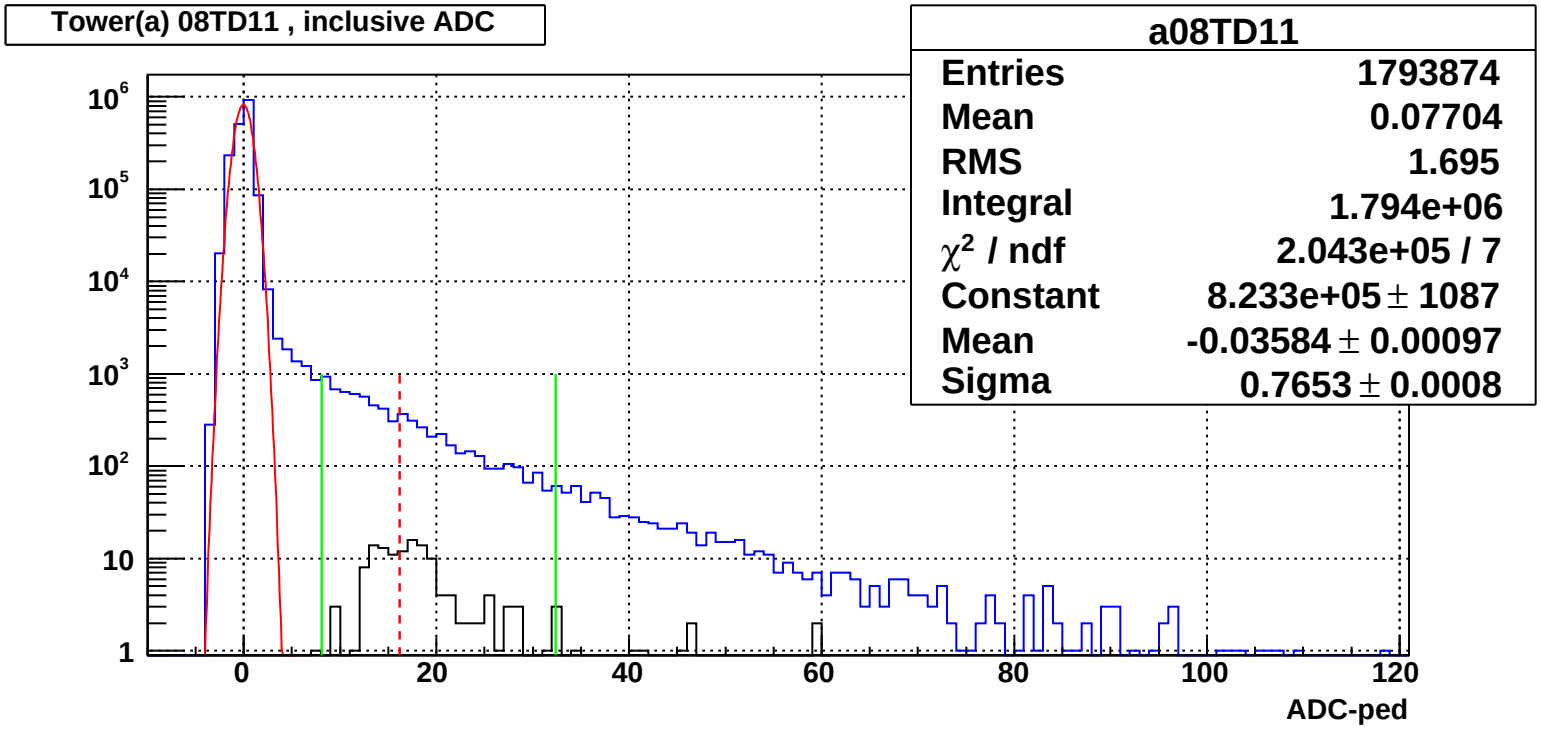

Tower(d) 08TA11 , ADC, tag: UxV 2*thr
d08TA11
Entries 226
Mean 19.4
RMS 8.392
Integral 221
χ² / ndf 27.8 / 21
x0 18 ± 0.6
aL 10.59 ± 1.27
sigL 2.702e+06 ± 44193
sigG 5.727 ± 0.759
ADC-ped

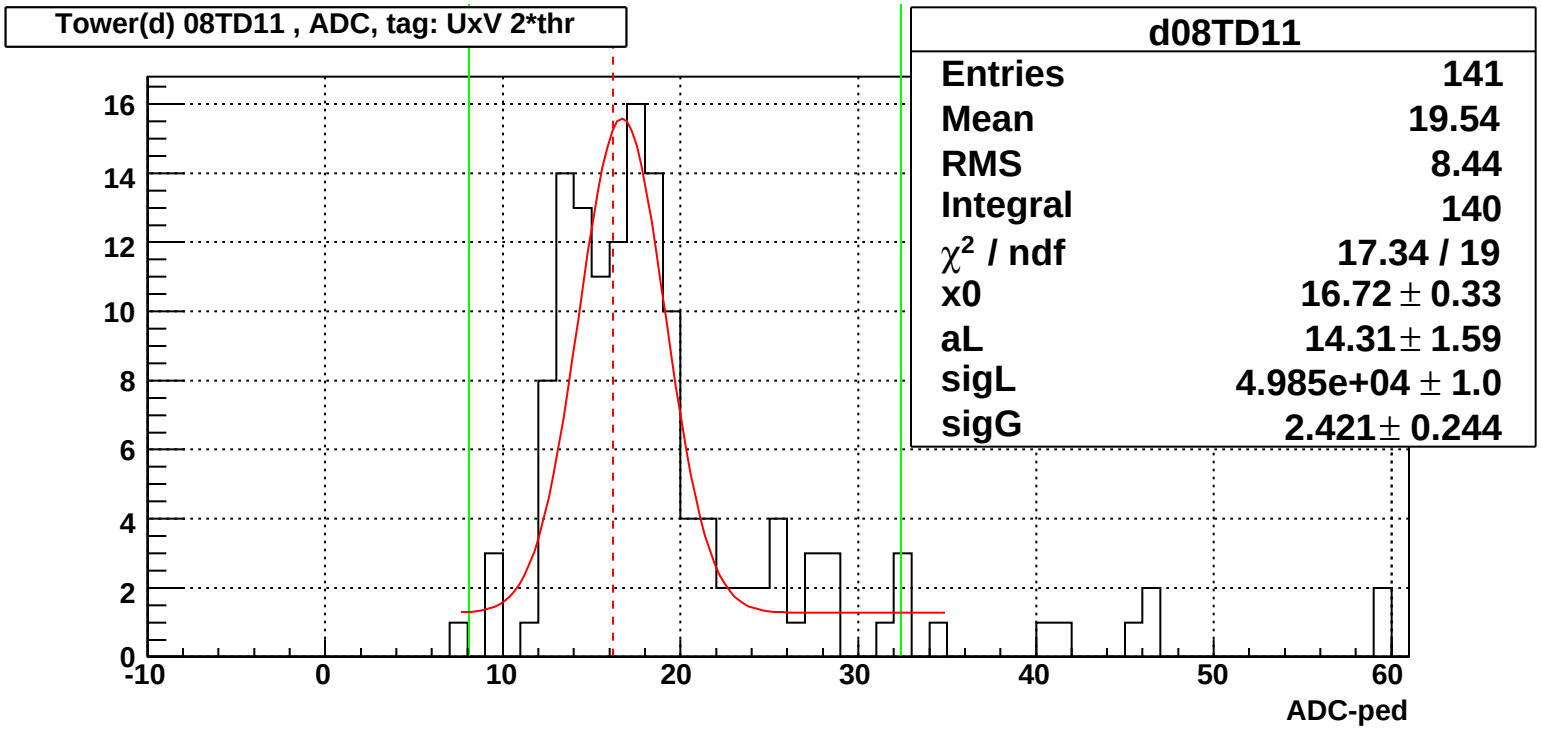

Tower(a) 08TB11 , inclusive ADC
a08TB11
Entries 1793874
Mean -0.03313
RMS 1.489
Integral 1.794e+06
χ² / ndf 1.526e+05 / 7
Constant 1.094e+06 ± 1384
Mean -0.1243 ± 0.0009
Sigma 0.595 ± 0.001
ADC-ped

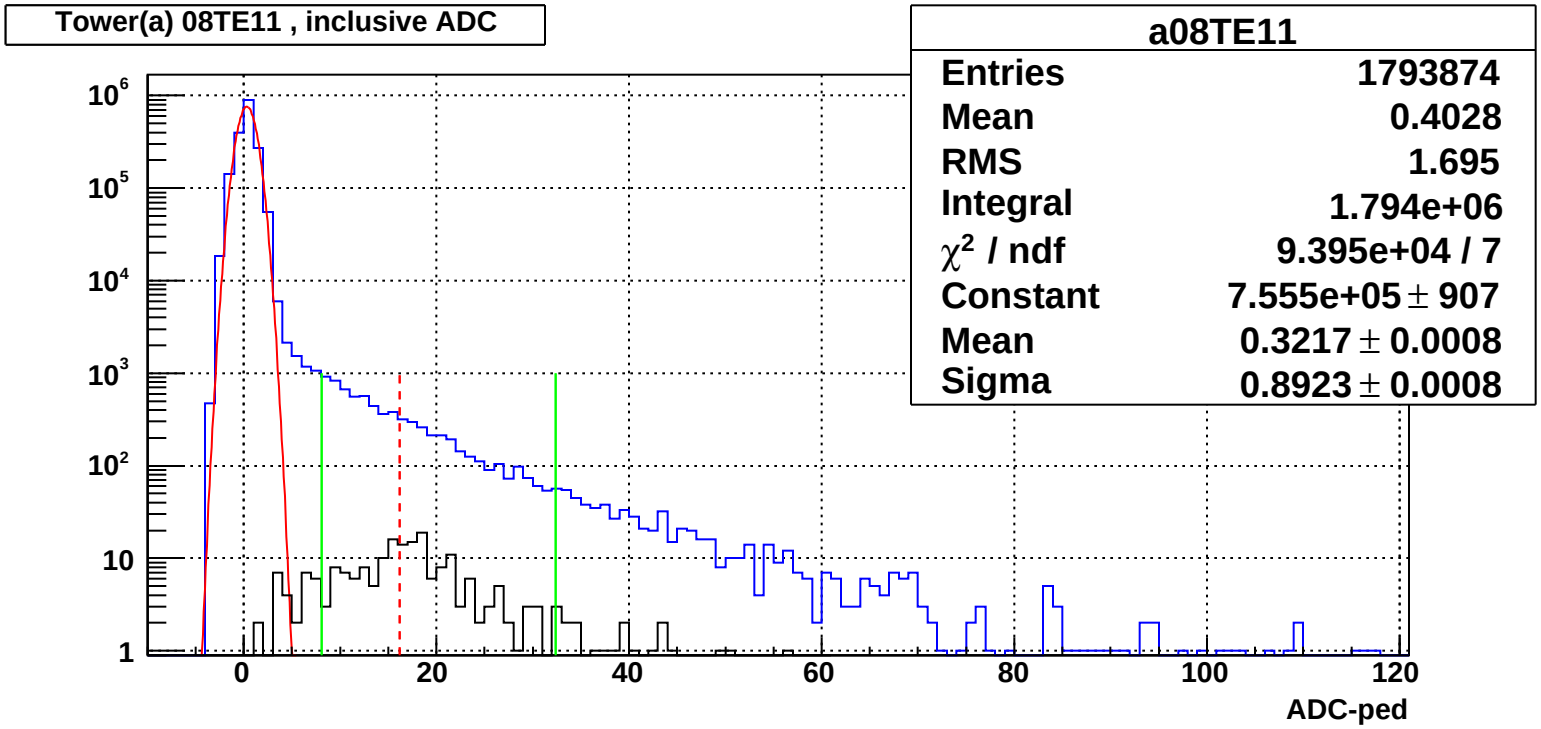

Tower(d) 08TB11 , ADC, tag: UxV 2*thr
d08TB11
Entries 123
Mean 18.11
RMS 8.626
Integral 121
χ² / ndf 12.94 / 19
x0 15.85 ± 0.37
aL 10.94 ± 1.01
sigL 2.553e+04 ± 1
sigG 2.686 ± 0.283
ADC-ped

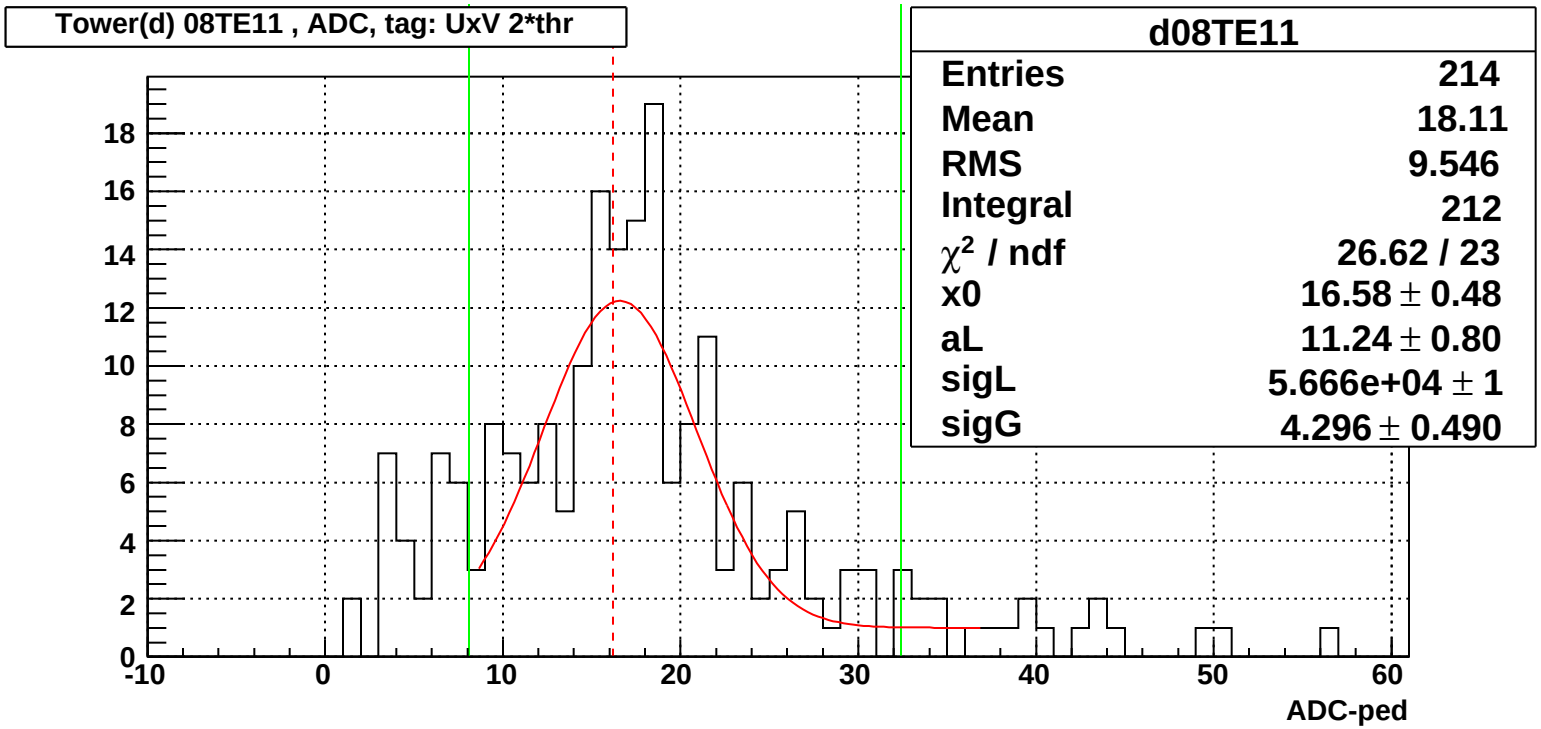

Tower(a) 08TC11 , inclusive ADC
a08TC11
Entries 1793874
Mean 0.2552
RMS 1.564
Integral 1.794e+06
χ² / ndf 8.22e+04 / 7
Constant 1.162e+06 ± 1618
Mean 0.1999 ± 0.0006
Sigma 0.5844 ± 0.0007
ADC-ped

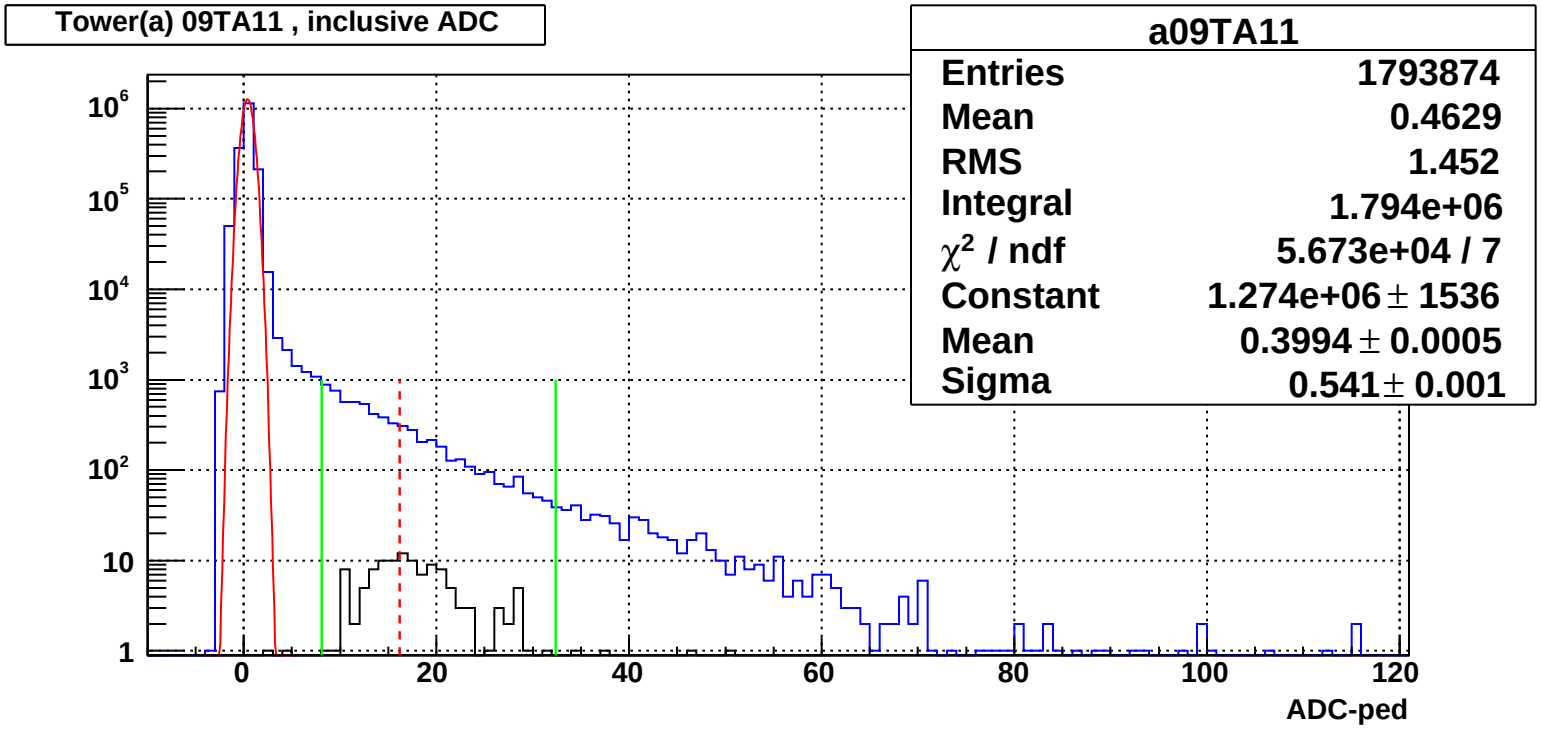

Tower(d) 08TC11 , ADC, tag: UxV 2*thr
d08TC11
Entries 141
Mean 19.19
RMS 7.478
Integral 140
χ² / ndf 27.39 / 19
x0 16.79 ± 0.60
aL 9.274 ± 1.516
sigL 3.988e+04 ± 44906
sigG 3.682 ± 0.641
ADC-ped

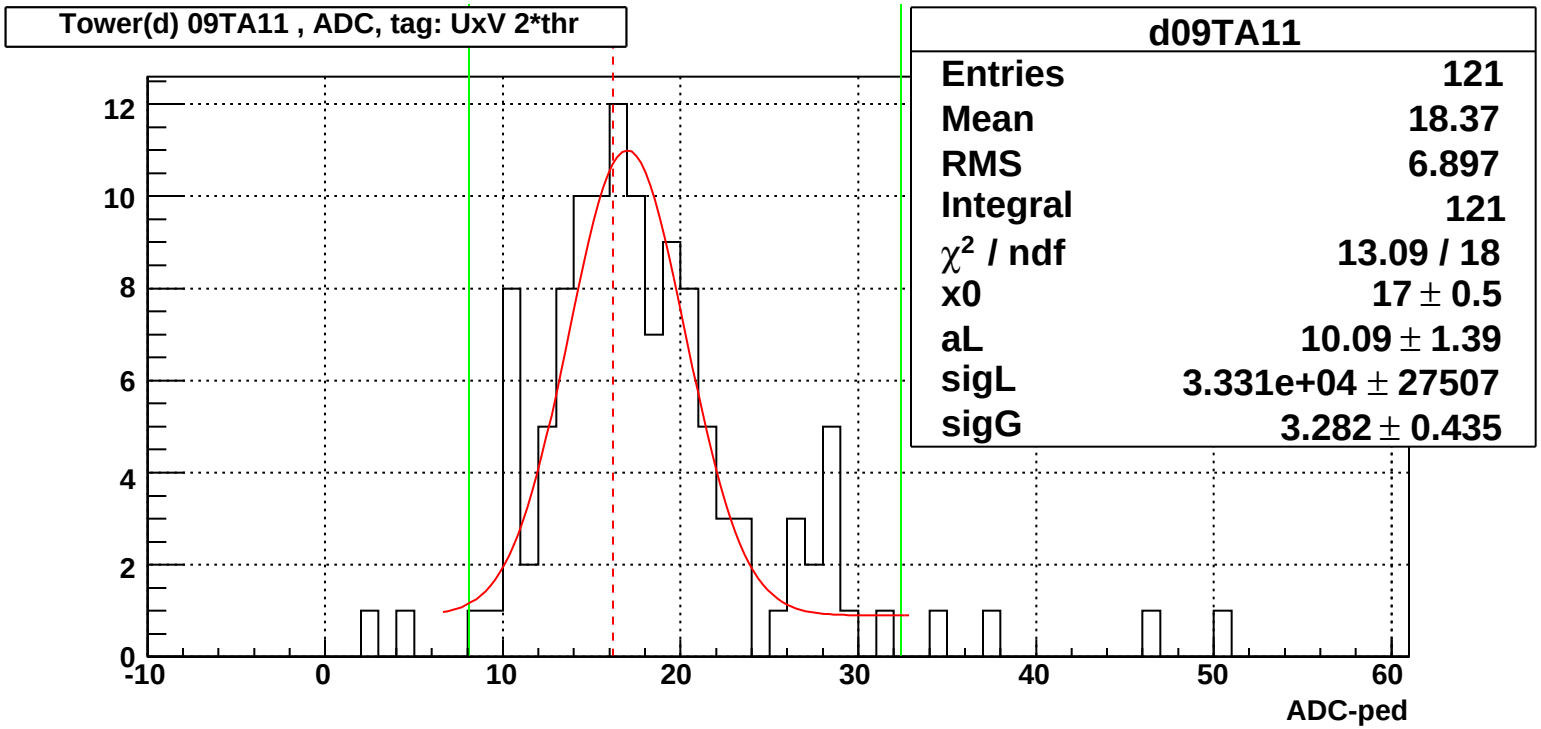

Tower(a) 08TD11 , inclusive ADC
a08TD11
Entries 1793874
Mean 0.07704
RMS 1.695
Integral 1.794e+06
χ² / ndf 2.043e+05 / 7
Constant 8.233e+05 ± 1087
Mean -0.03584 ± 0.00097
Sigma 0.7653 ± 0.0008
ADC-ped

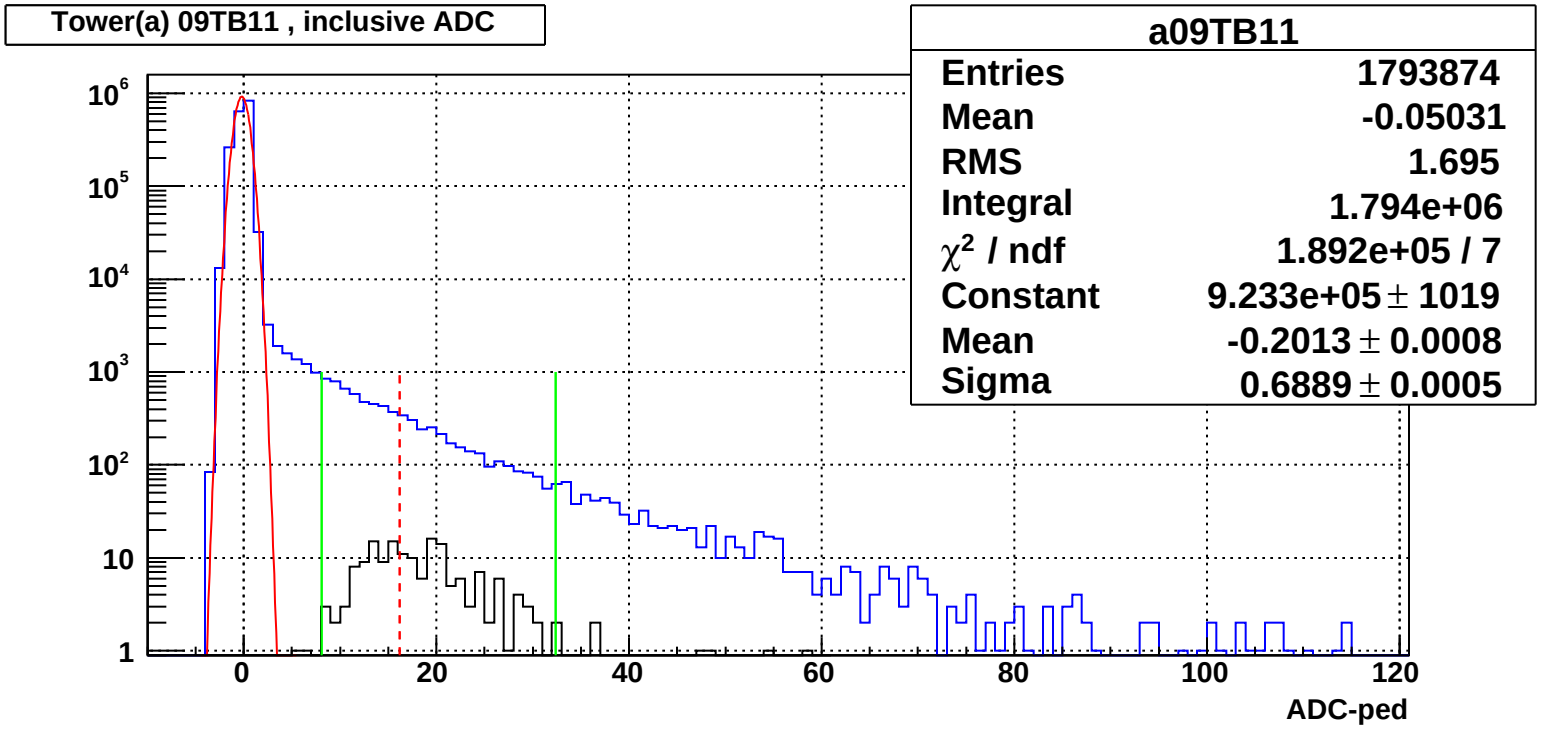

Tower(d) 08TD11 , ADC, tag: UxV 2*thr
d08TD11
Entries 141
Mean 19.54
RMS 8.44
Integral 140
χ² / ndf 17.34 / 19
x0 16.72 ± 0.33
aL 14.31 ± 1.59
sigL 4.985e+04 ± 1.0
sigG 2.421 ± 0.244
ADC-ped

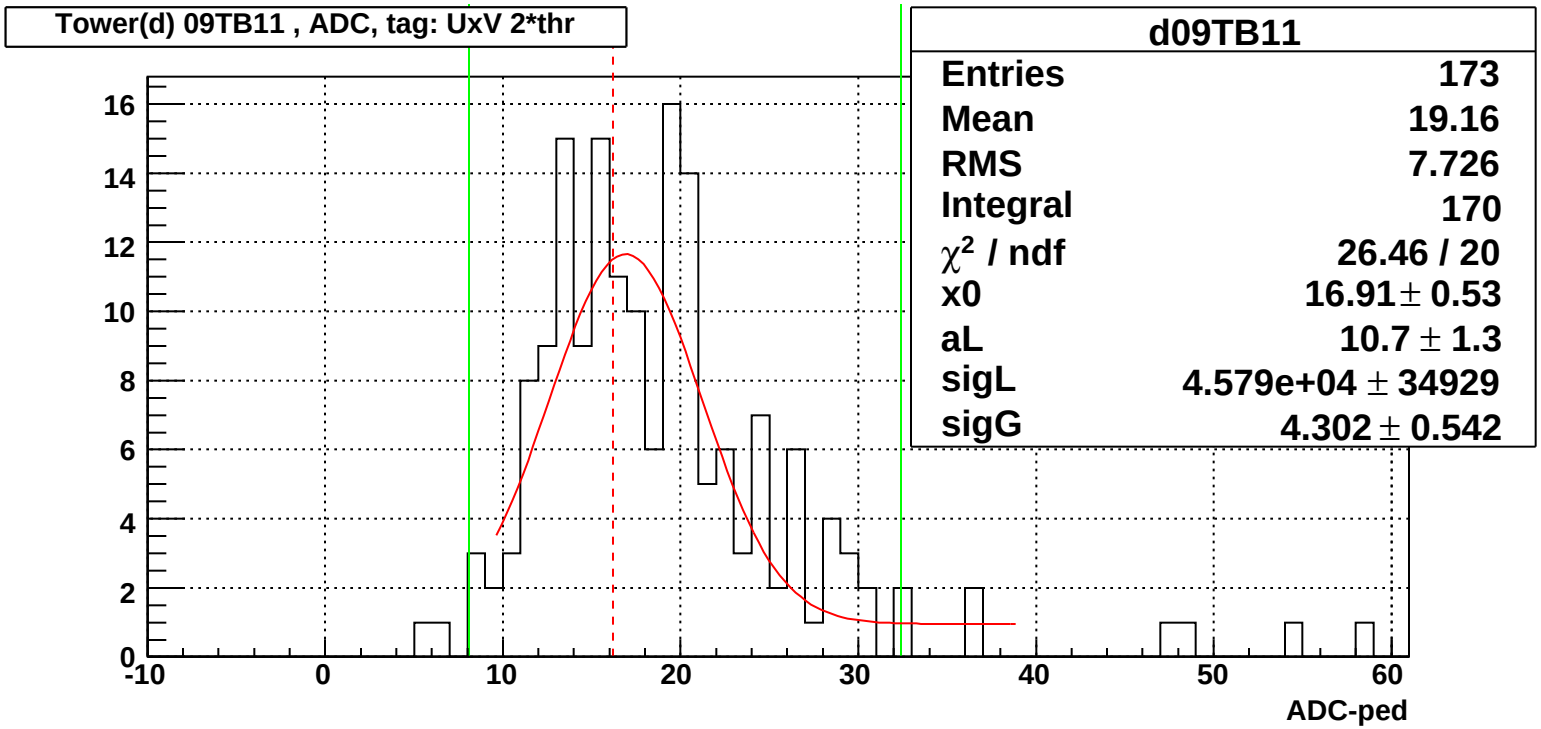

Tower(a) 08TE11 , inclusive ADC
a08TE11
Entries 1793874
Mean 0.4028
RMS 1.695
Integral 1.794e+06
χ² / ndf 9.395e+04 / 7
Constant 7.555e+05 ± 907
Mean 0.3217 ± 0.0008
Sigma 0.8923 ± 0.0008
ADC-ped

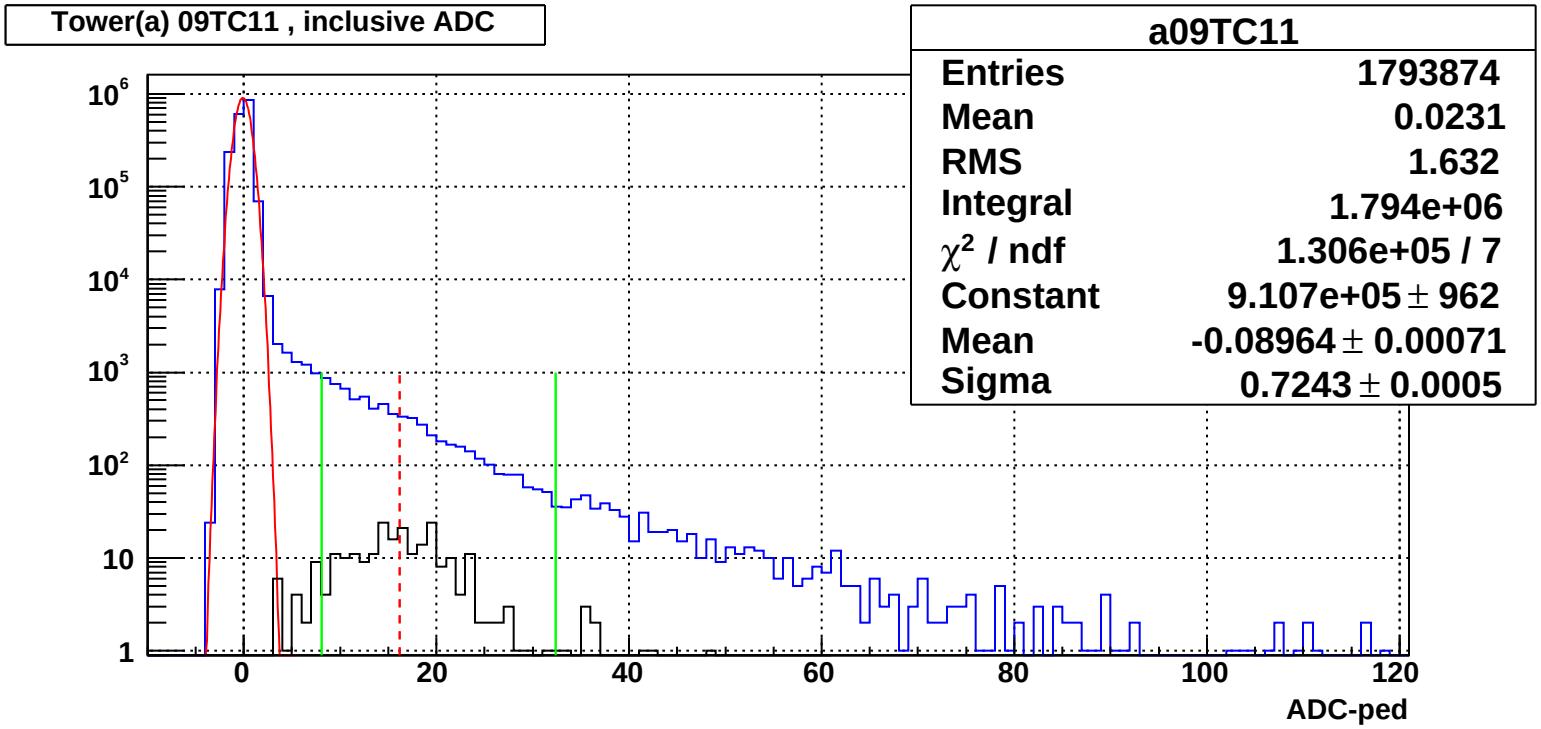

Tower(d) 08TE11 , ADC, tag: UxV 2*thr
d08TE11
Entries 214
Mean 18.11
RMS 9.546
Integral 212
χ² / ndf 26.62 / 23
x0 16.58 ± 0.48
aL 11.24 ± 0.80
sigL 5.666e+04 ± 1
sigG 4.296 ± 0.490
ADC-ped

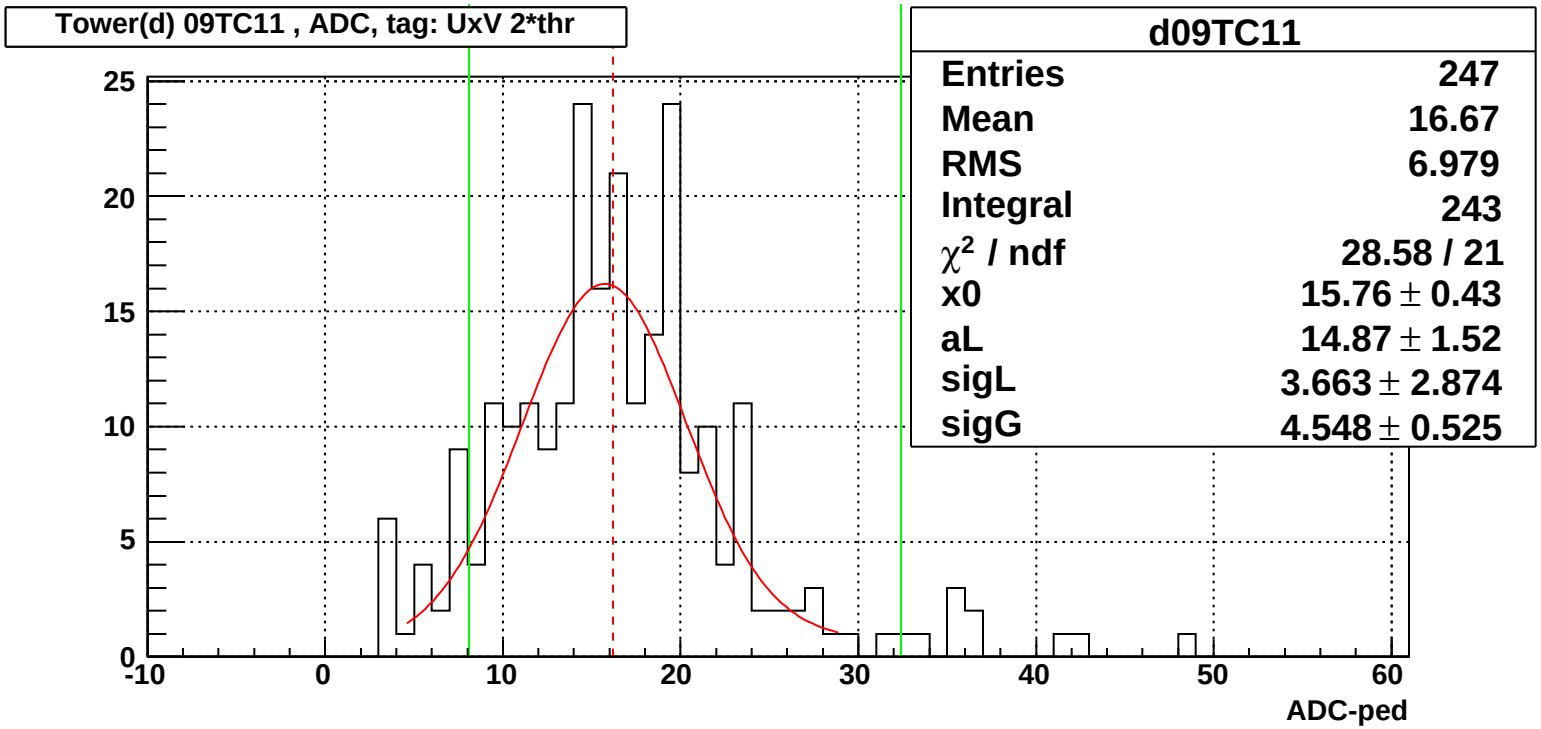

Tower(a) 09TA11 , inclusive ADC
a09TA11
Entries 1793874
Mean 0.4629
RMS 1.452
Integral 1.794e+06
χ² / ndf 5.673e+04 / 7
Constant 1.274e+06 ± 1536
Mean 0.3994 ± 0.0005
Sigma 0.541 ± 0.001
ADC-ped

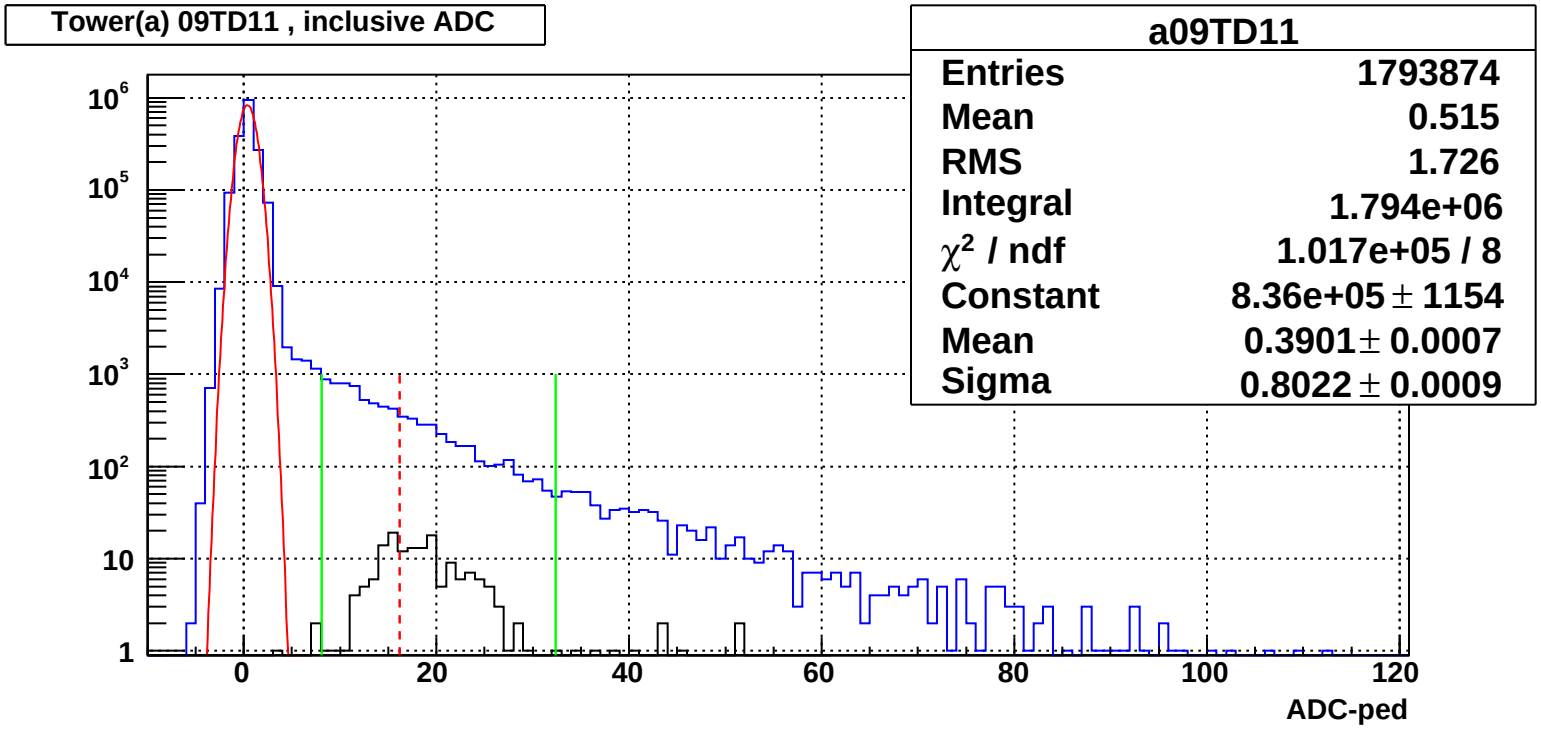

Tower(d) 09TA11 , ADC, tag: UxV 2*thr
d09TA11
Entries 121
Mean 18.37
RMS 6.897
Integral 121
χ² / ndf 13.09 / 18
x0 17 ± 0.5
aL 10.09 ± 1.39
sigL 3.331e+04 ± 27507
sigG 3.282 ± 0.435
ADC-ped

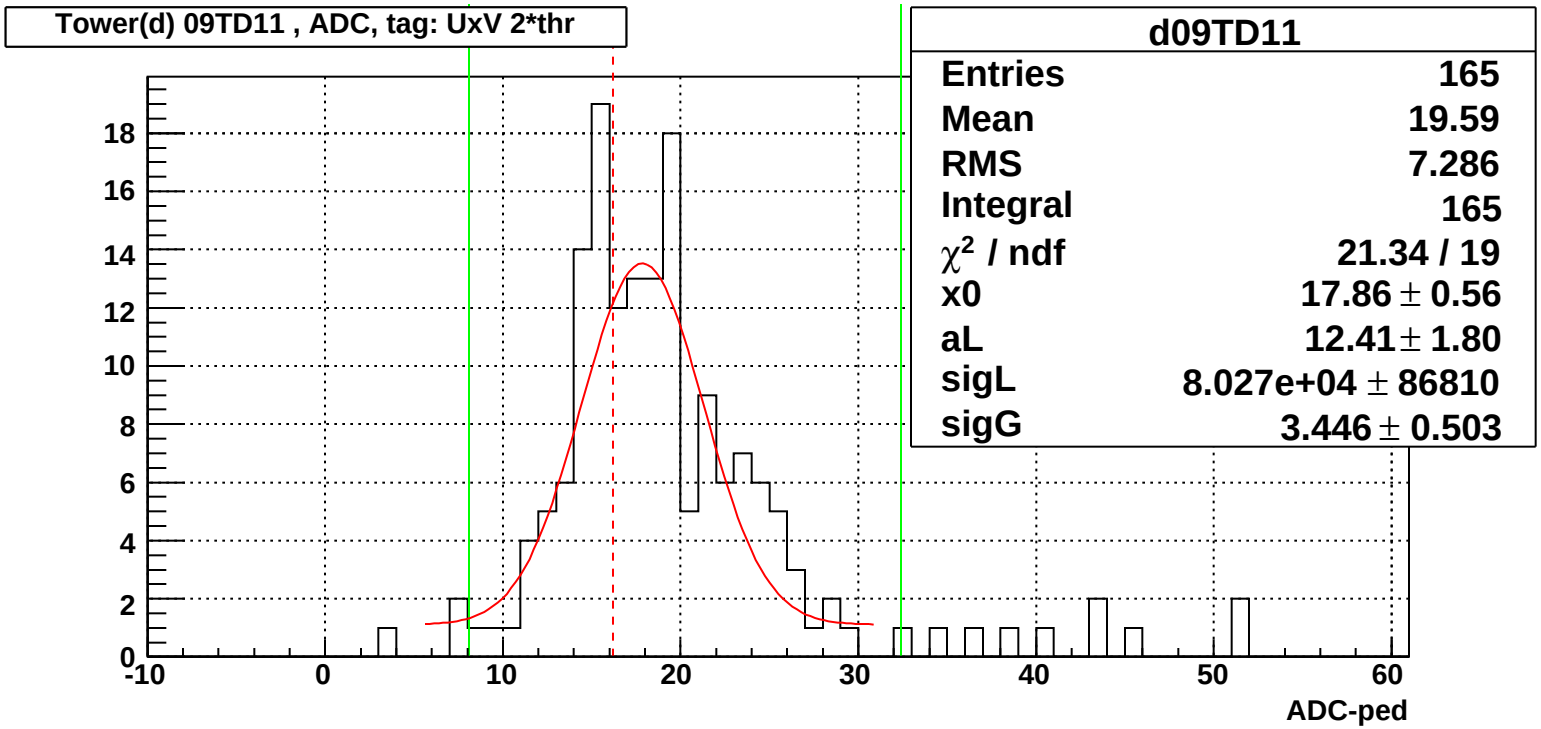

Tower(a) 09TB11 , inclusive ADC
a09TB11
Entries 1793874
Mean -0.05031
RMS 1.695
Integral 1.794e+06
χ² / ndf 1.892e+05 / 7
Constant 9.233e+05 ± 1019
Mean -0.2013 ± 0.0008
Sigma 0.6889 ± 0.0005
ADC-ped

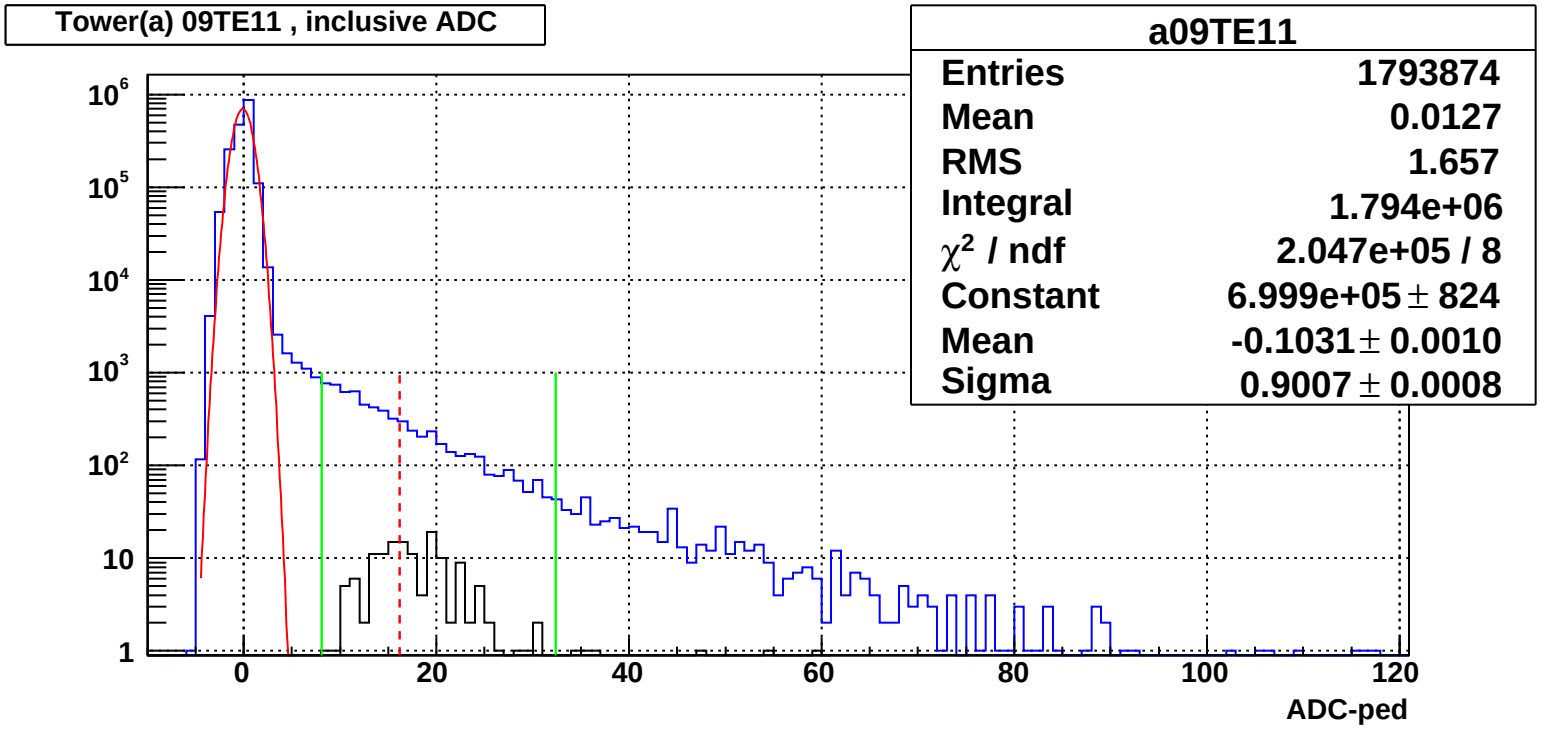

Tower(d) 09TB11 , ADC, tag: UxV 2*thr
d09TB11
Entries 173
Mean 19.16
RMS 7.726
Integral 170
χ² / ndf 26.46 / 20
x0 16.91 ± 0.53
aL 10.7 ± 1.3
sigL 4.579e+04 ± 34929
sigG 4.302 ± 0.542
ADC-ped

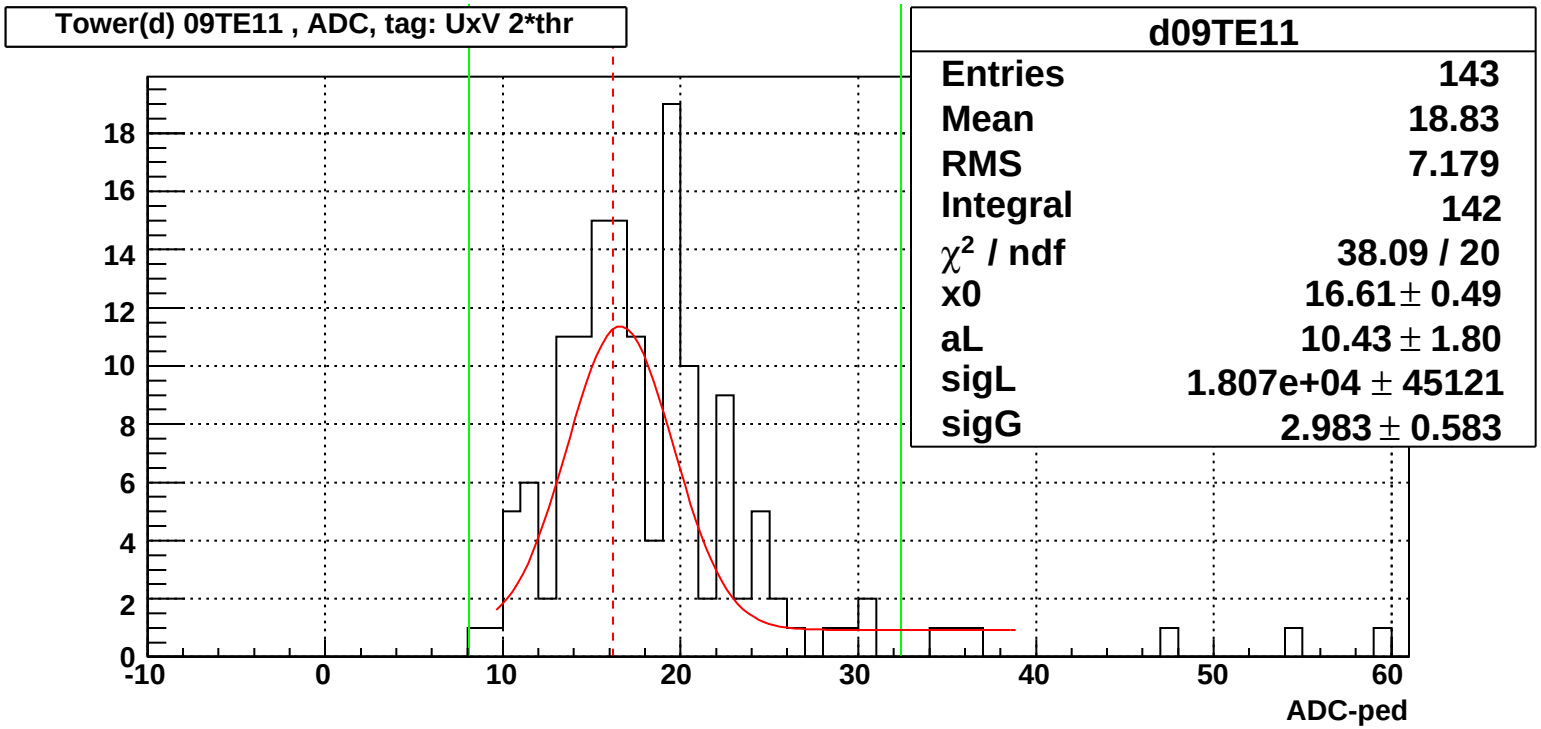

Tower(a) 09TC11 , inclusive ADC
a09TC11
Entries 1793874
Mean 0.0231
RMS 1.632
Integral 1.794e+06
χ² / ndf 1.306e+05 / 7
Constant 9.107e+05 ± 962
Mean -0.08964 ± 0.00071
Sigma 0.7243 ± 0.0005
ADC-ped

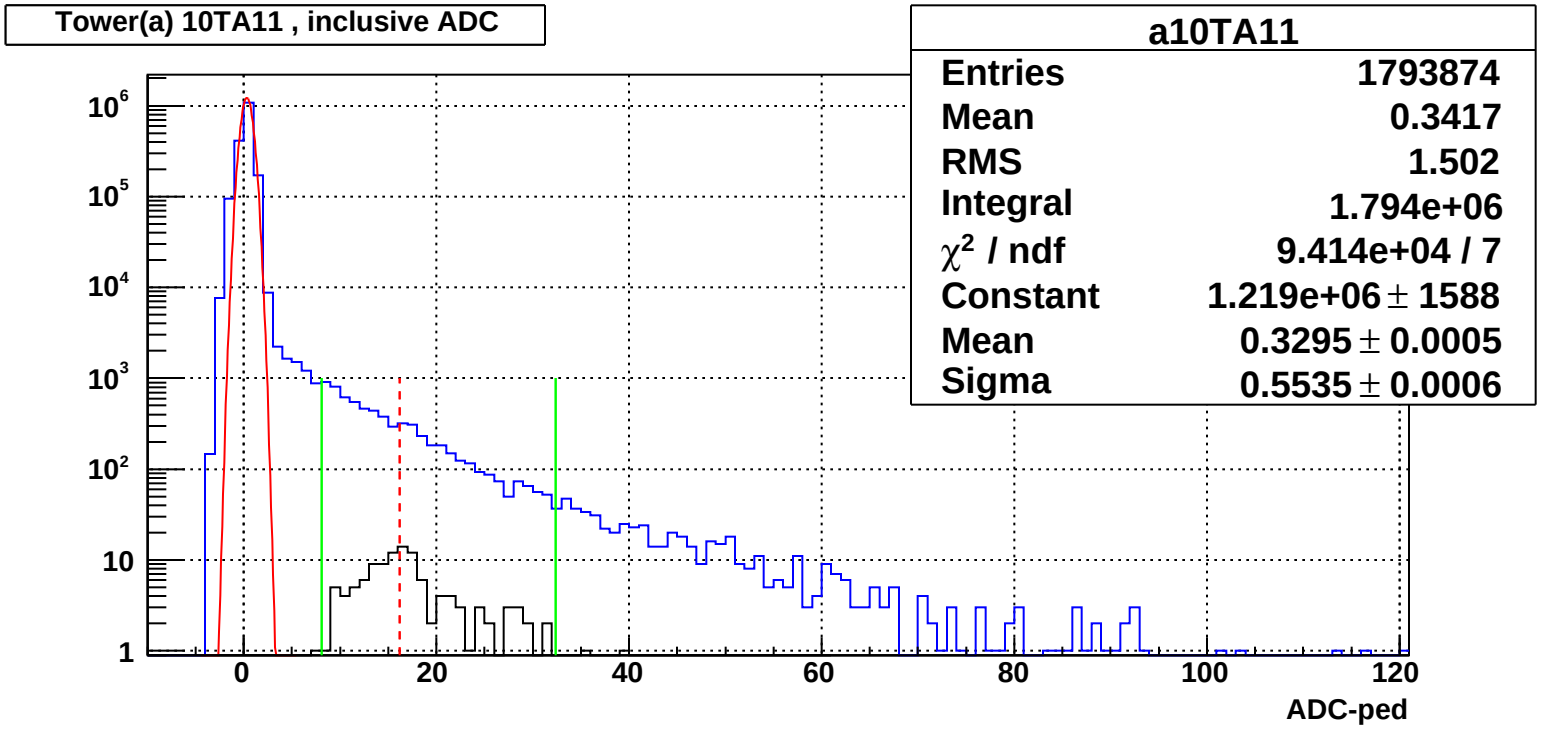

Tower(d) 09TC11 , ADC, tag: UxV 2*thr
d09TC11
Entries 247
Mean 16.67
RMS 6.979
Integral 243
χ² / ndf 28.58 / 21
x0 15.76 ± 0.43
aL 14.87 ± 1.52
sigL 3.663 ± 2.874
sigG 4.548 ± 0.525
ADC-ped

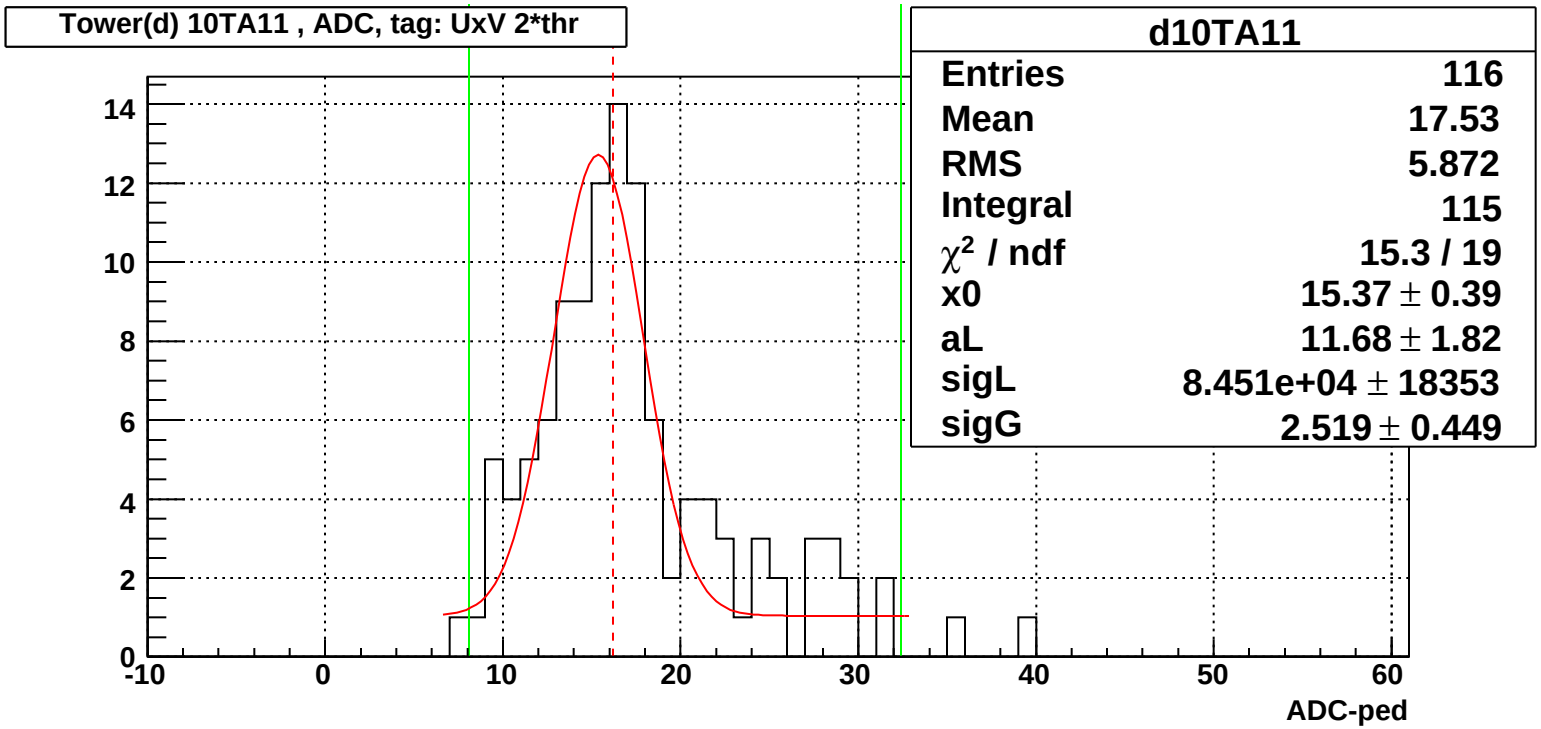

Tower(a) 09TD11 , inclusive ADC
a09TD11
Entries 1793874
Mean 0.515
RMS 1.726
Integral 1.794e+06
χ² / ndf 1.017e+05 / 8
Constant 8.36e+05 ± 1154
Mean 0.3901 ± 0.0007
Sigma 0.8022 ± 0.0009
ADC-ped

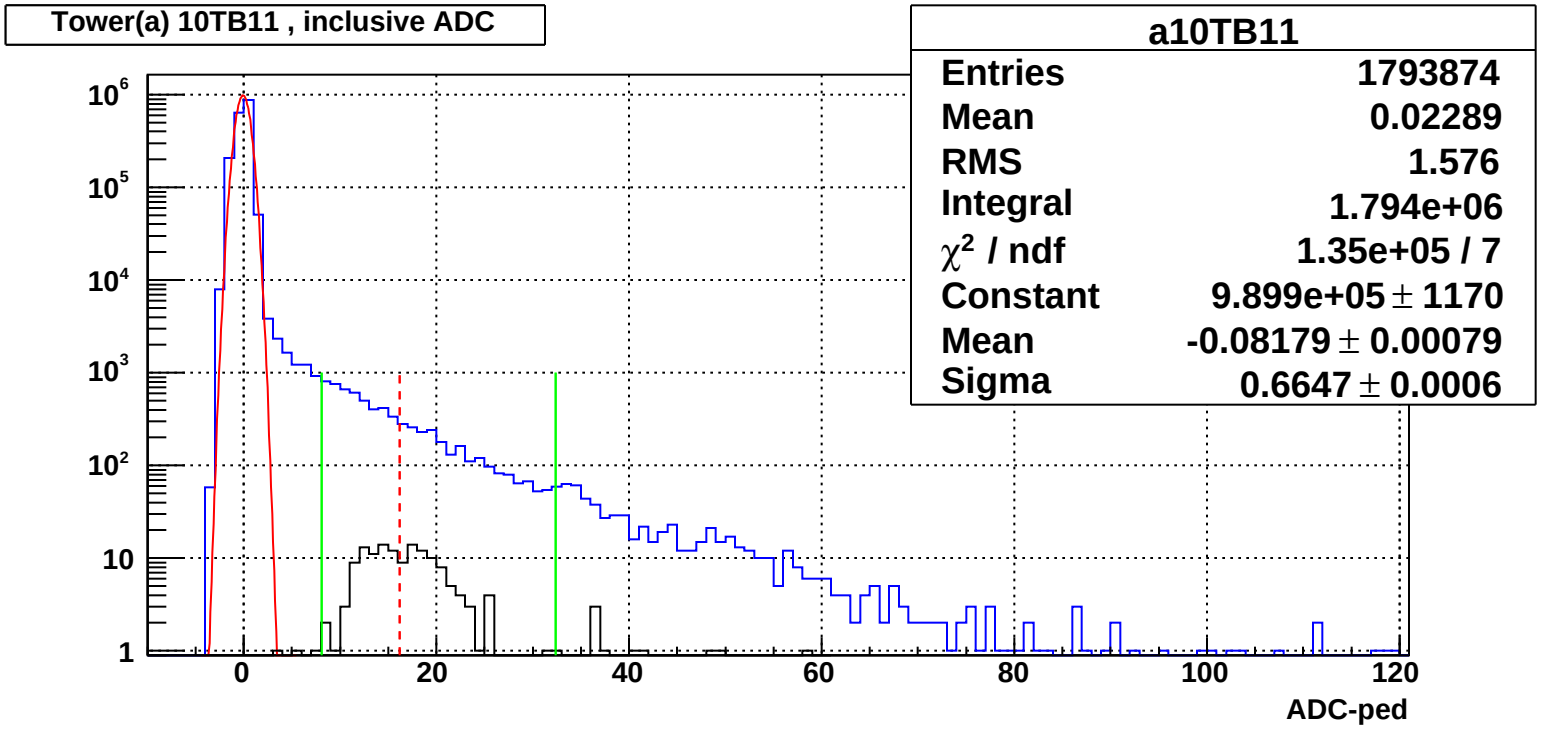

Tower(d) 09TD11 , ADC, tag: UxV 2*thr
d09TD11
Entries 165
Mean 19.59
RMS 7.286
Integral 165
χ² / ndf 21.34 / 19
x0 17.86 ± 0.56
aL 12.41 ± 1.80
sigL 8.027e+04 ± 86810
sigG 3.446 ± 0.503
ADC-ped

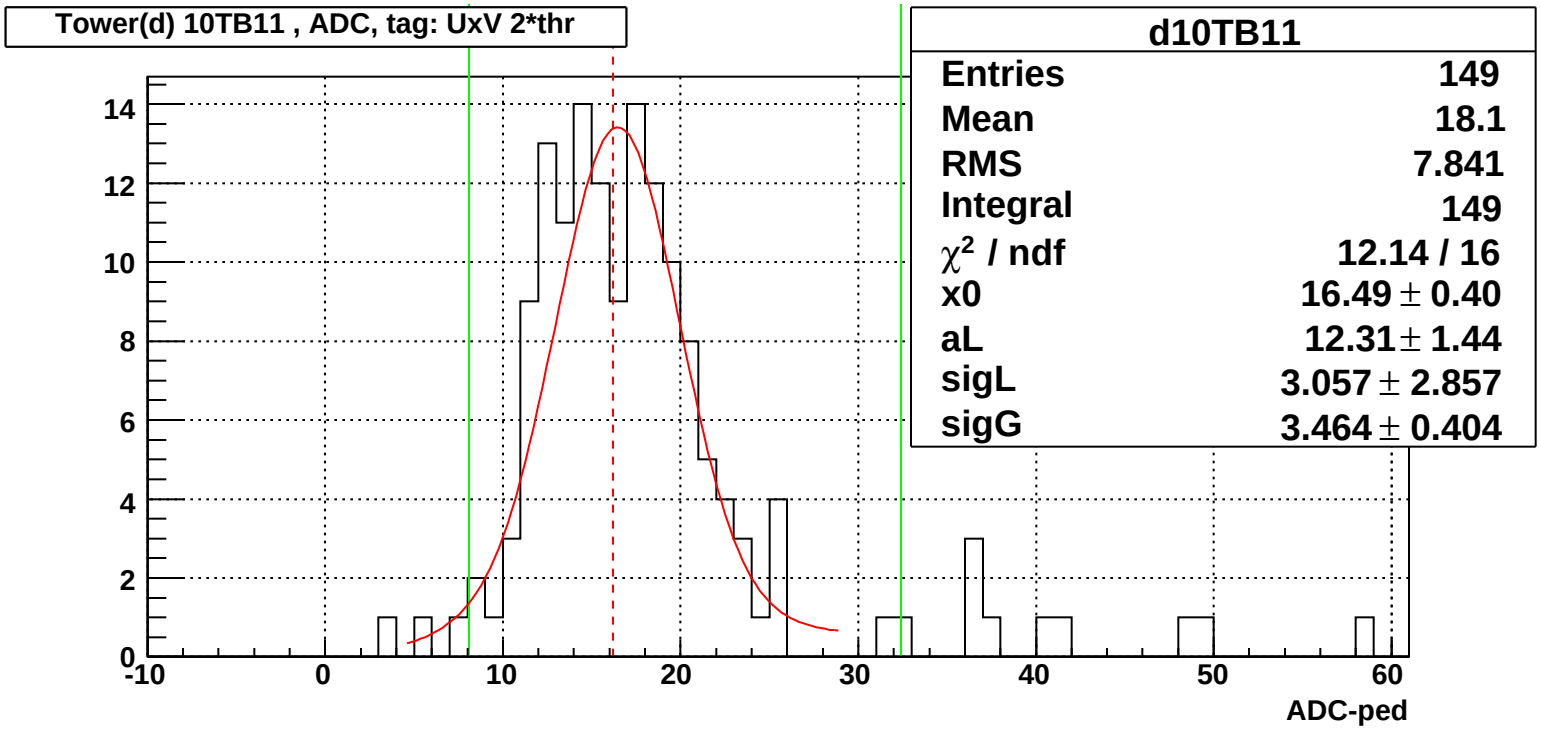

Tower(a) 09TE11 , inclusive ADC
a09TE11
Entries 1793874
Mean 0.0127
RMS 1.657
Integral 1.794e+06
χ² / ndf 2.047e+05 / 8
Constant 6.999e+05 ± 824
Mean -0.1031 ± 0.0010
Sigma 0.9007 ± 0.0008
ADC-ped

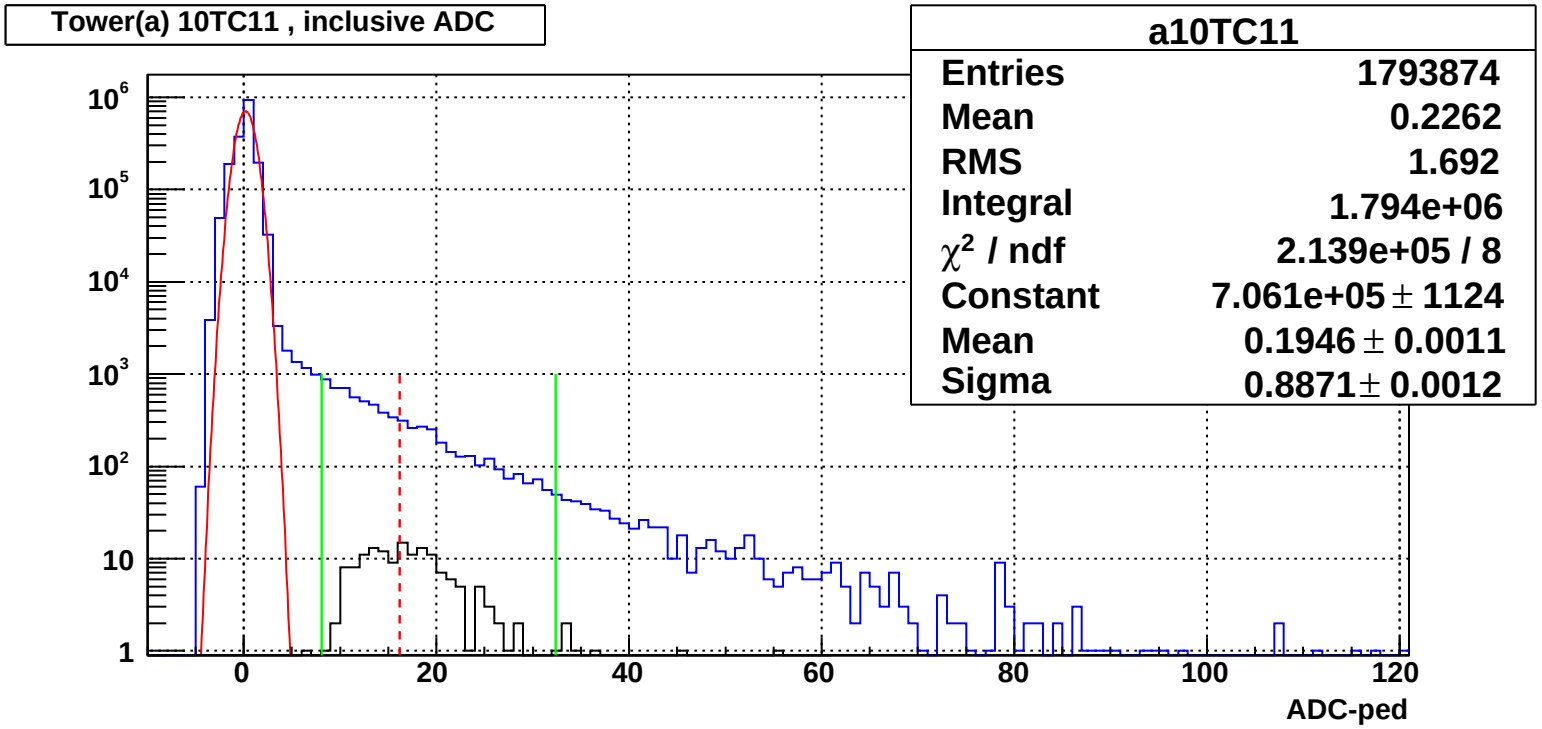

Tower(d) 09TE11 , ADC, tag: UxV 2*thr
d09TE11
Entries 143
Mean 18.83
RMS 7.179
Integral 142
χ² / ndf 38.09 / 20
x0 16.61 ± 0.49
aL 10.43 ± 1.80
sigL 1.807e+04 ± 45121
sigG 2.983 ± 0.583
ADC-ped

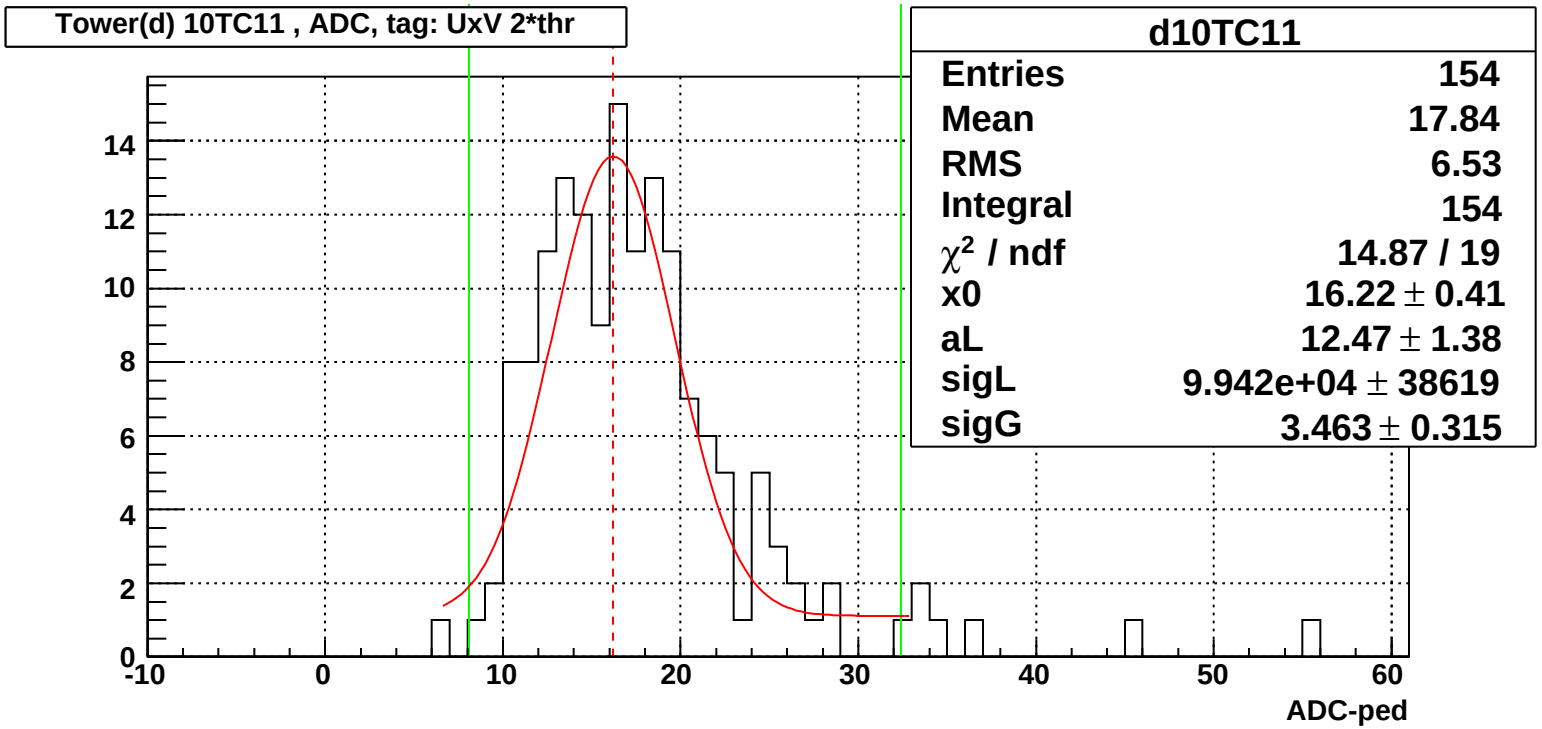

Tower(a) 10TA11 , inclusive ADC
a10TA11
Entries 1793874
Mean 0.3417
RMS 1.502
Integral 1.794e+06
χ² / ndf 9.414e+04 / 7
Constant 1.219e+06 ± 1588
Mean 0.3295 ± 0.0005
Sigma 0.5535 ± 0.0006
ADC-ped

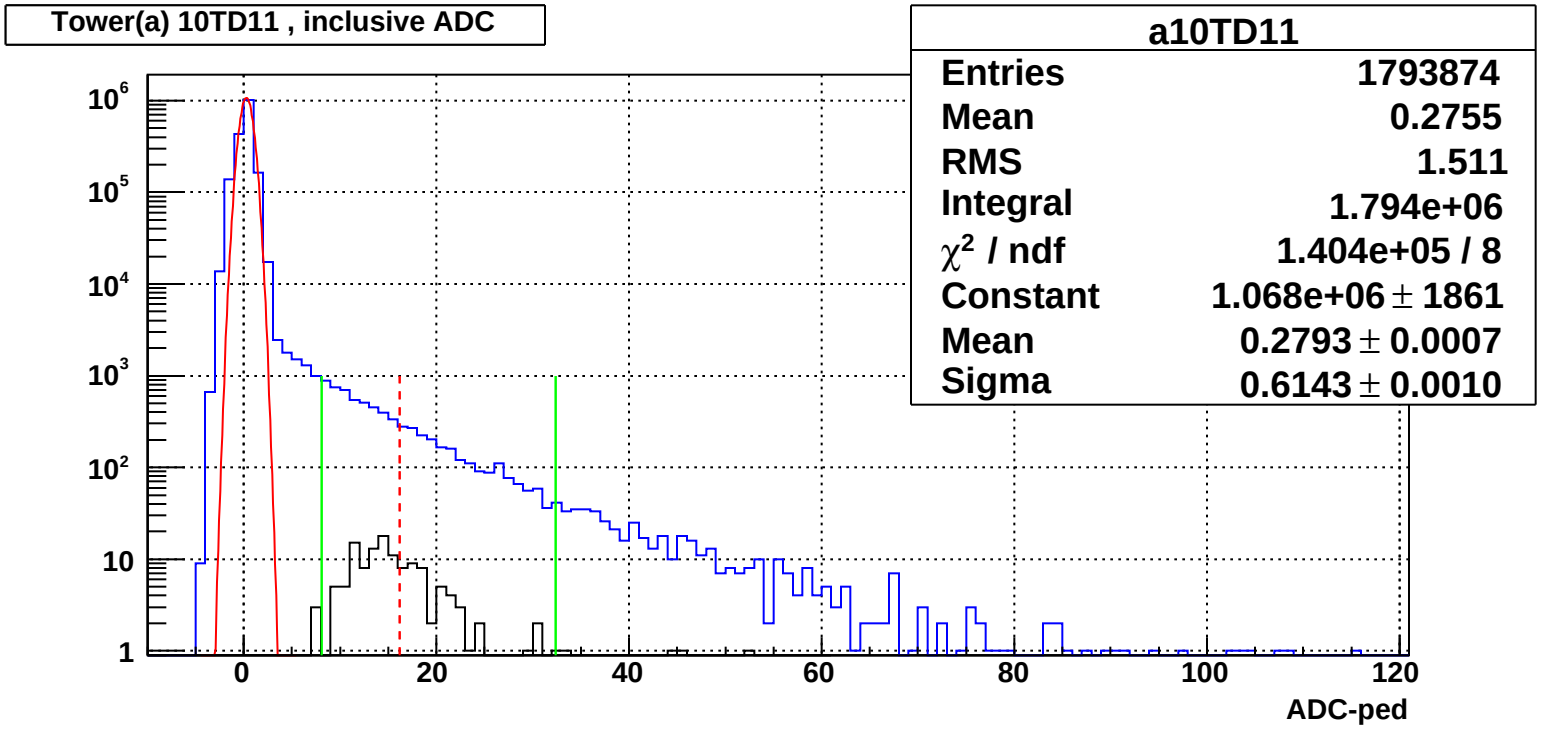

Tower(d) 10TA11 , ADC, tag: UxV 2*thr
d10TA11
Entries 116
Mean 17.53
RMS 5.872
Integral 115
χ² / ndf 15.3 / 19
x0 15.37 ± 0.39
aL 11.68 ± 1.82
sigL 8.451e+04 ± 18353
sigG 2.519 ± 0.449
ADC-ped

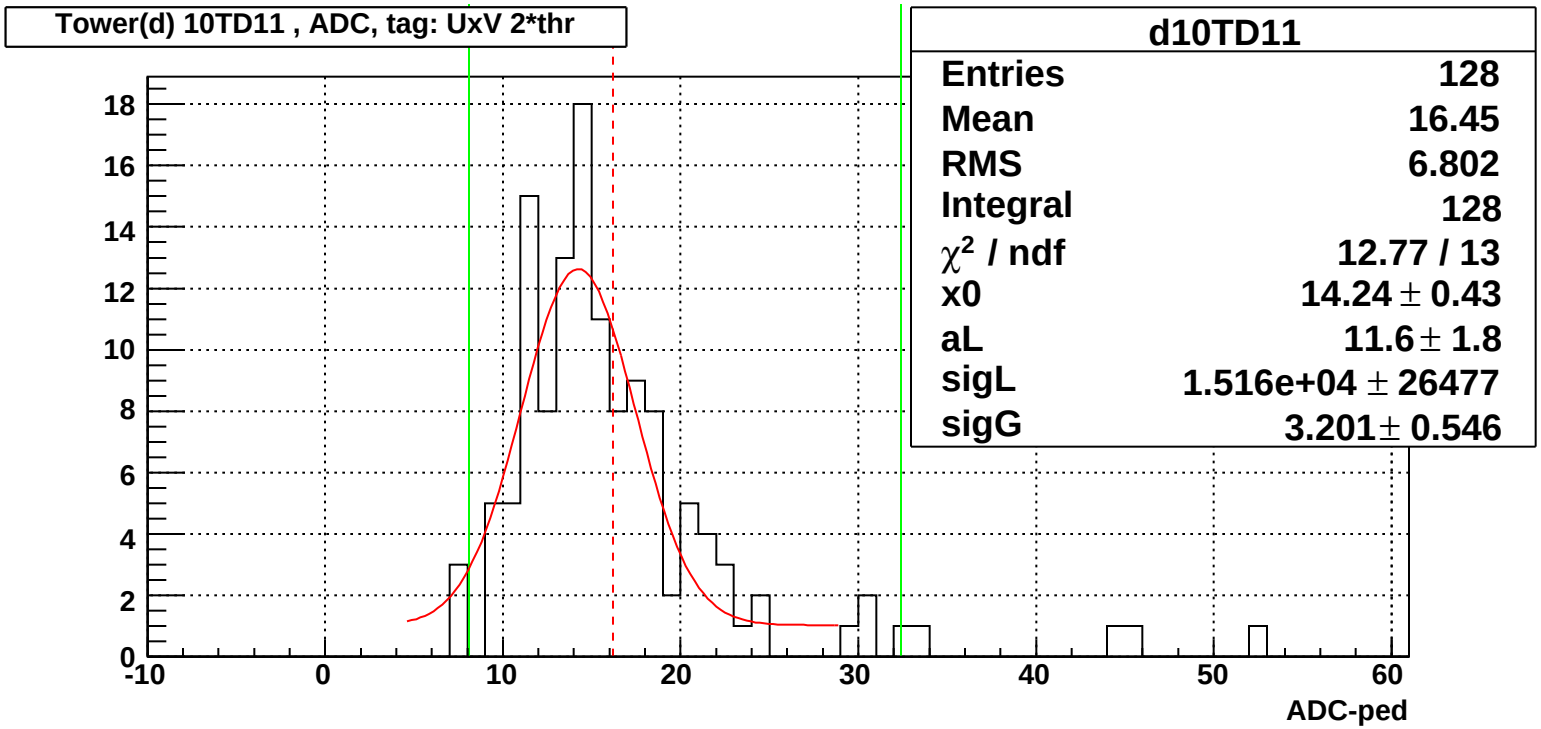

Tower(a) 10TB11 , inclusive ADC
a10TB11
Entries 1793874
Mean 0.02289
RMS 1.576
Integral 1.794e+06
χ² / ndf 1.35e+05 / 7
Constant 9.899e+05 ± 1170
Mean -0.08179 ± 0.00079
Sigma 0.6647 ± 0.0006
ADC-ped

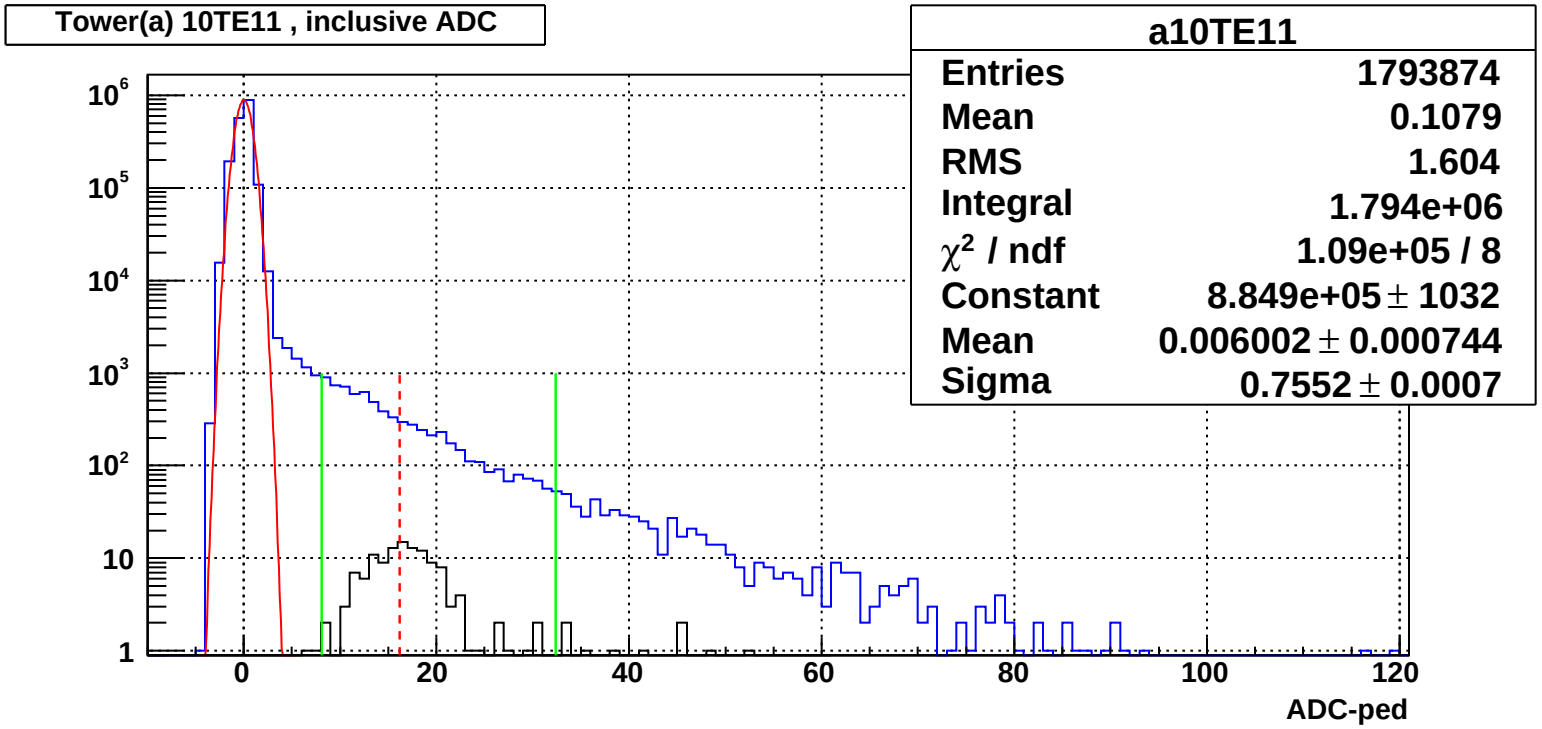

Tower(d) 10TB11 , ADC, tag: UxV 2*thr
d10TB11
Entries 149
Mean 18.1
RMS 7.841
Integral 149
χ² / ndf 12.14 / 16
x0 16.49 ± 0.40
aL 12.31 ± 1.44
sigL 3.057 ± 2.857
sigG 3.464 ± 0.404
ADC-ped

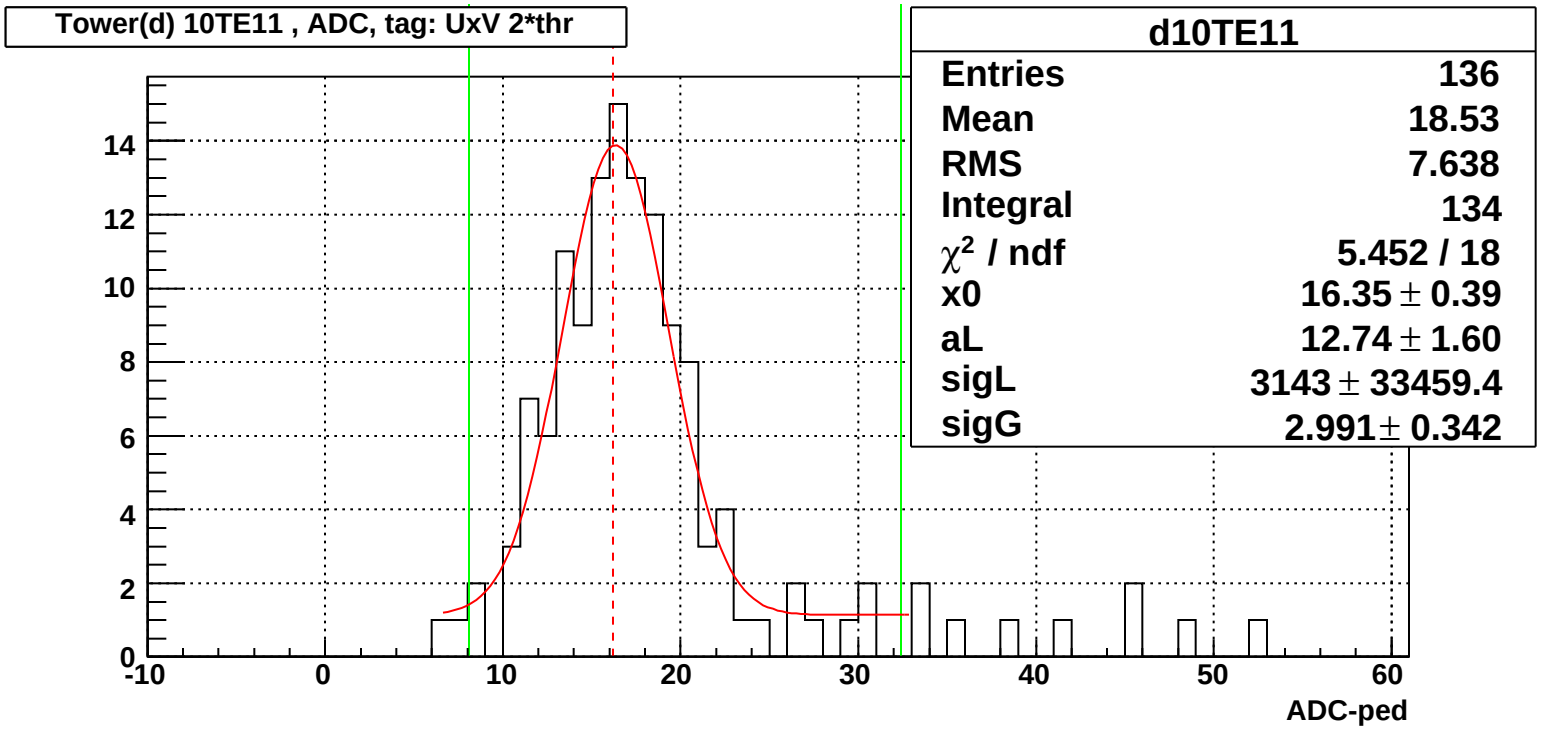

Tower(a) 10TC11 , inclusive ADC
a10TC11
Entries 1793874
Mean 0.2262
RMS 1.692
Integral 1.794e+06
χ² / ndf 2.139e+05 / 8
Constant 7.061e+05 ± 1124
Mean 0.1946 ± 0.0011
Sigma 0.8871 ± 0.0012
ADC-ped

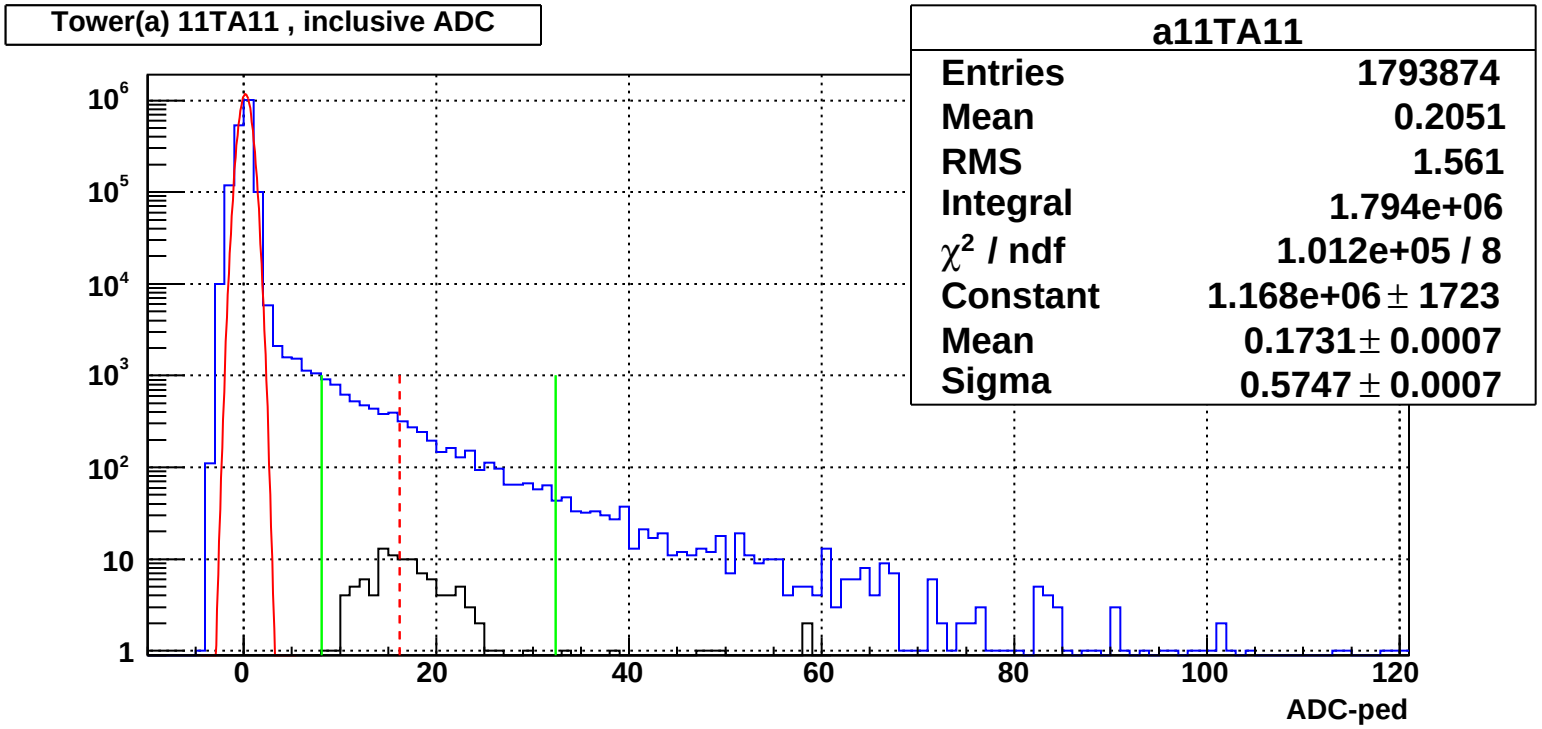

Tower(d) 10TC11 , ADC, tag: UxV 2*thr
d10TC11
Entries 154
Mean 17.84
RMS 6.53
Integral 154
χ² / ndf 14.87 / 19
x0 16.22 ± 0.41
aL 12.47 ± 1.38
sigL 9.942e+04 ± 38619
sigG 3.463 ± 0.315
ADC-ped

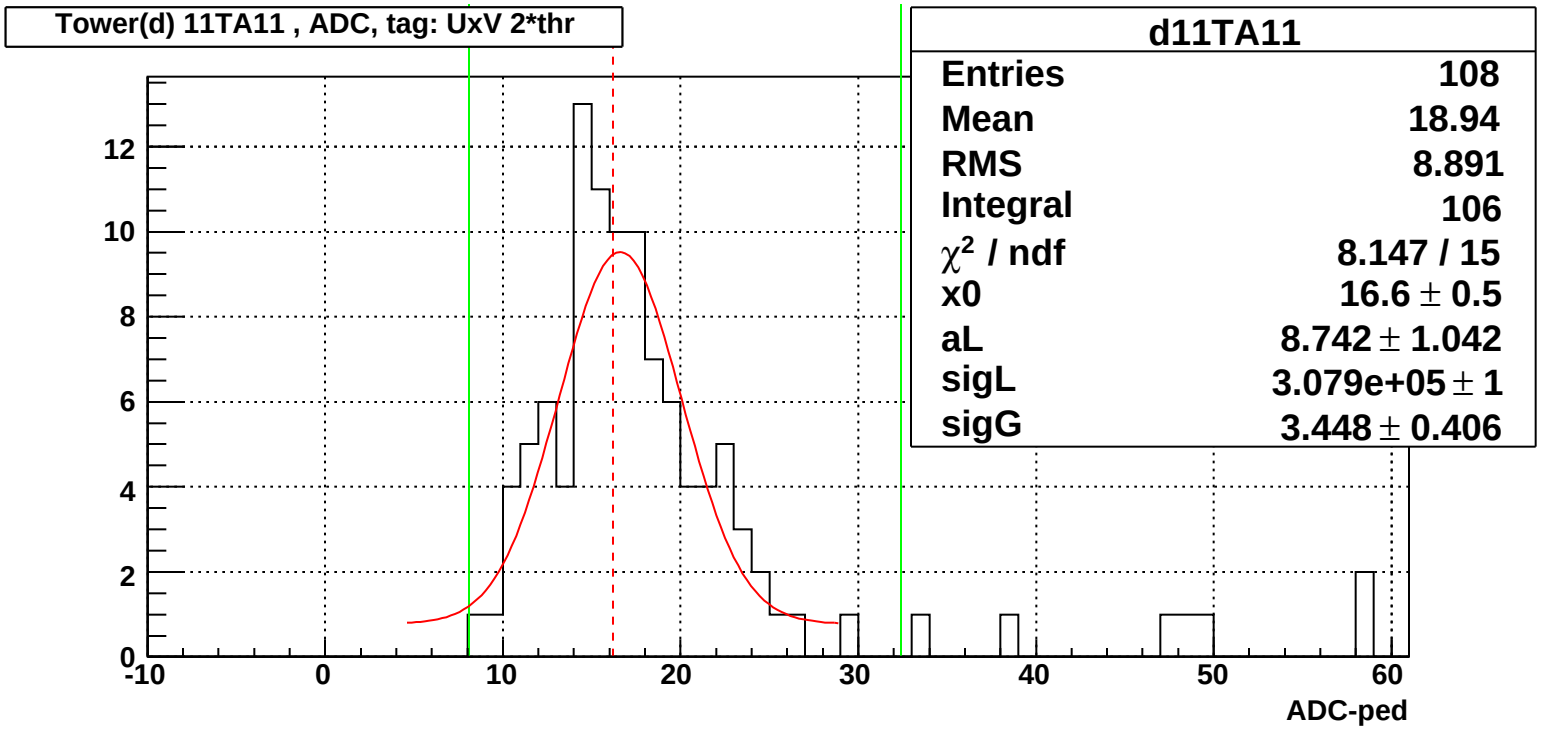

Tower(a) 10TD11 , inclusive ADC
a10TD11
Entries 1793874
Mean 0.2755
RMS 1.511
Integral 1.794e+06
χ² / ndf 1.404e+05 / 8
Constant 1.068e+06 ± 1861
Mean 0.2793 ± 0.0007
Sigma 0.6143 ± 0.0010
ADC-ped

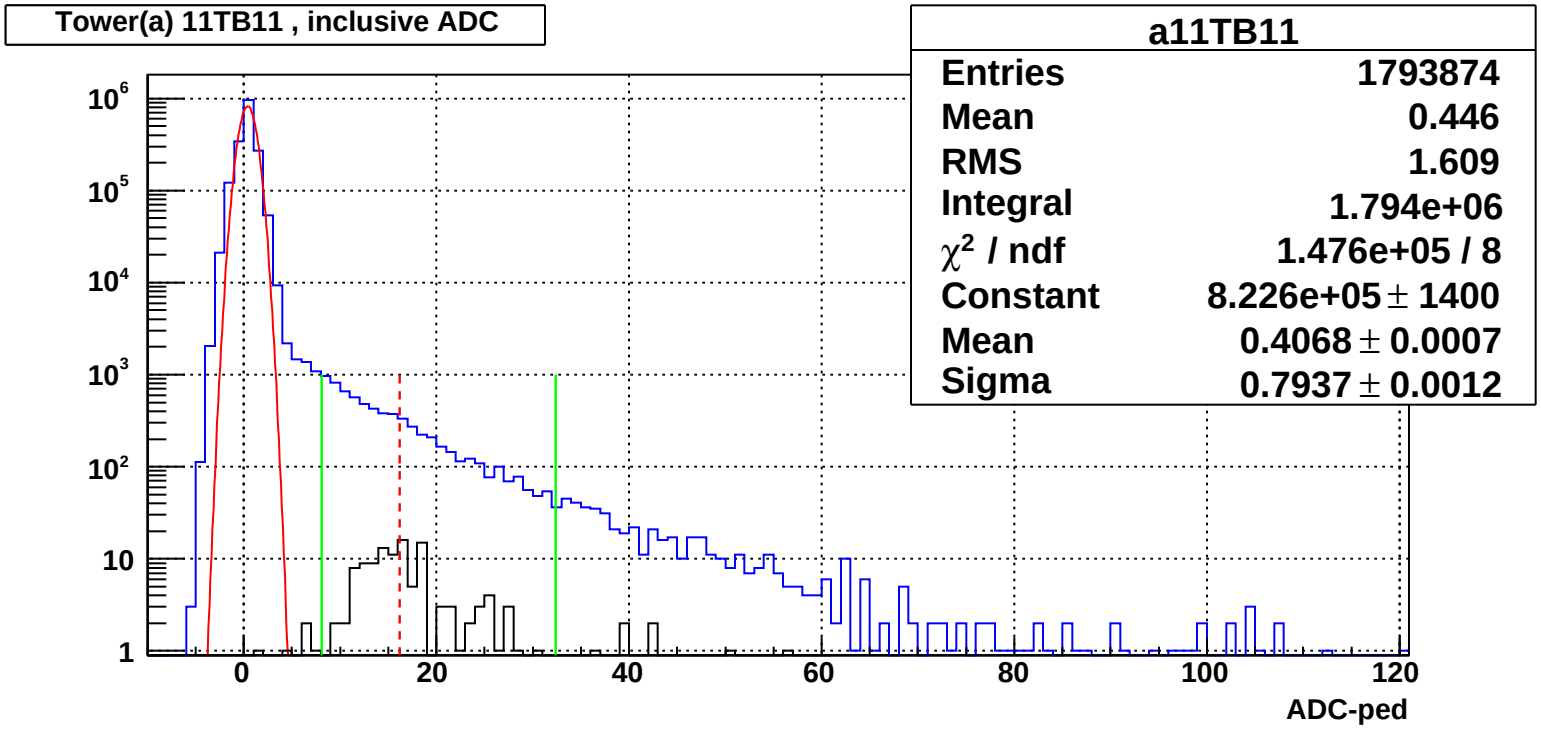

Tower(d) 10TD11 , ADC, tag: UxV 2*thr
d10TD11
Entries 128
Mean 16.45
RMS 6.802
Integral 128
χ² / ndf 12.77 / 13
x0 14.24 ± 0.43
aL 11.6 ± 1.8
sigL 1.516e+04 ± 26477
sigG 3.201 ± 0.546
ADC-ped

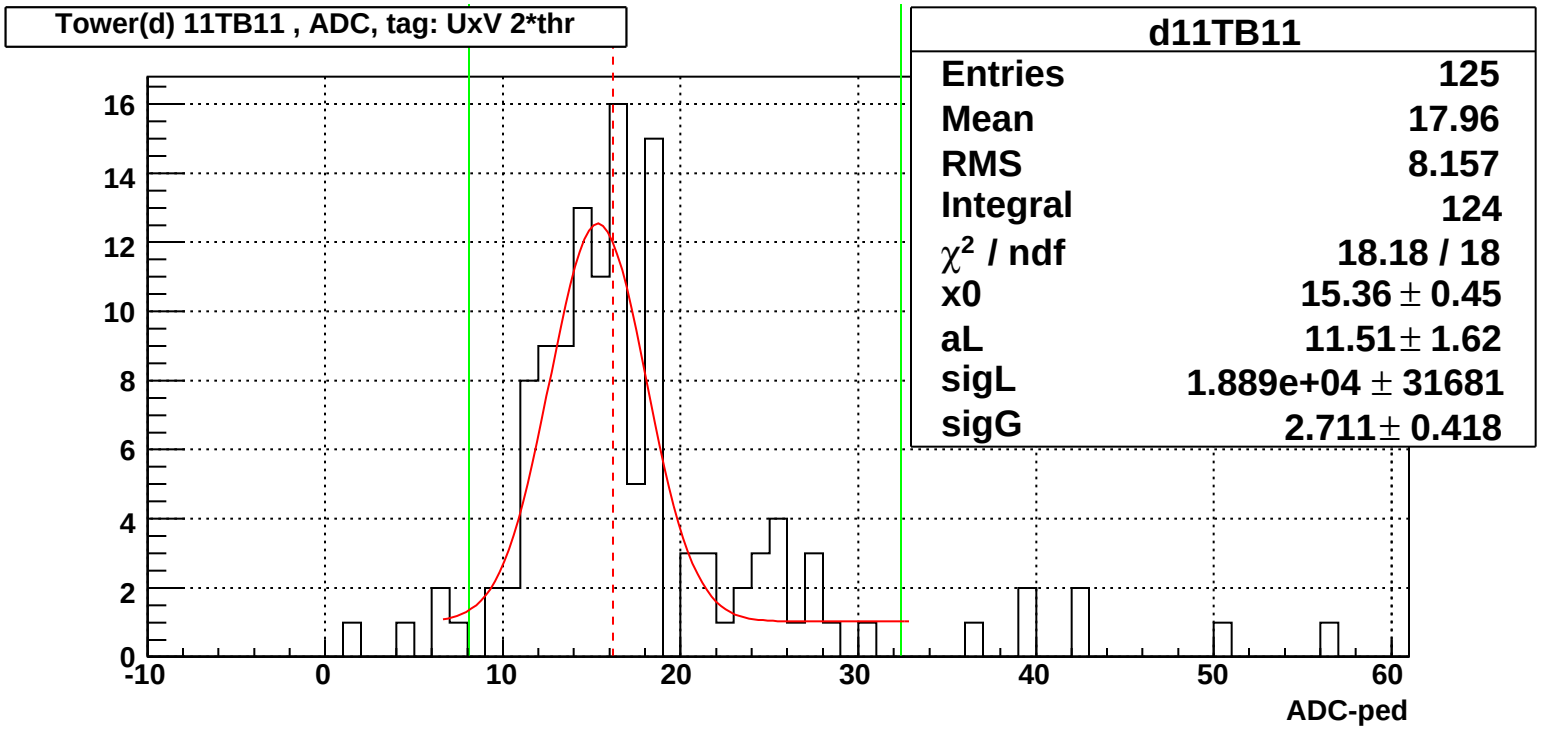

Tower(a) 10TE11 , inclusive ADC
a10TE11
Entries 1793874
Mean 0.1079
RMS 1.604
Integral 1.794e+06
χ² / ndf 1.09e+05 / 8
Constant 8.849e+05 ± 1032
Mean 0.006002 ± 0.000744
Sigma 0.7552 ± 0.0007
ADC-ped

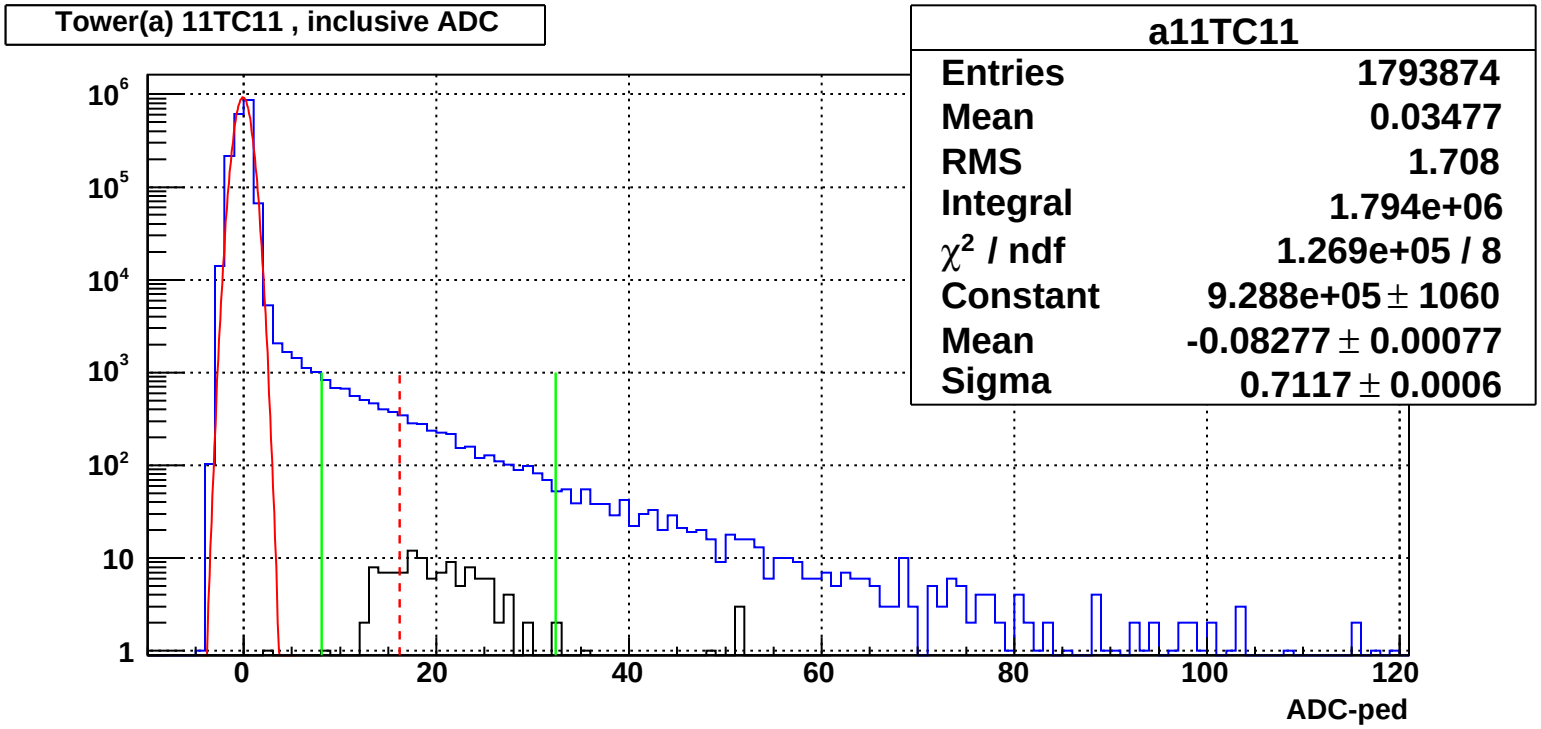

Tower(d) 10TE11 , ADC, tag: UxV 2*thr
d10TE11
Entries 136
Mean 18.53
RMS 7.638
Integral 134
χ² / ndf 5.452 / 18
x0 16.35 ± 0.39
aL 12.74 ± 1.60
sigL 3143 ± 33459.4
sigG 2.991 ± 0.342
ADC-ped

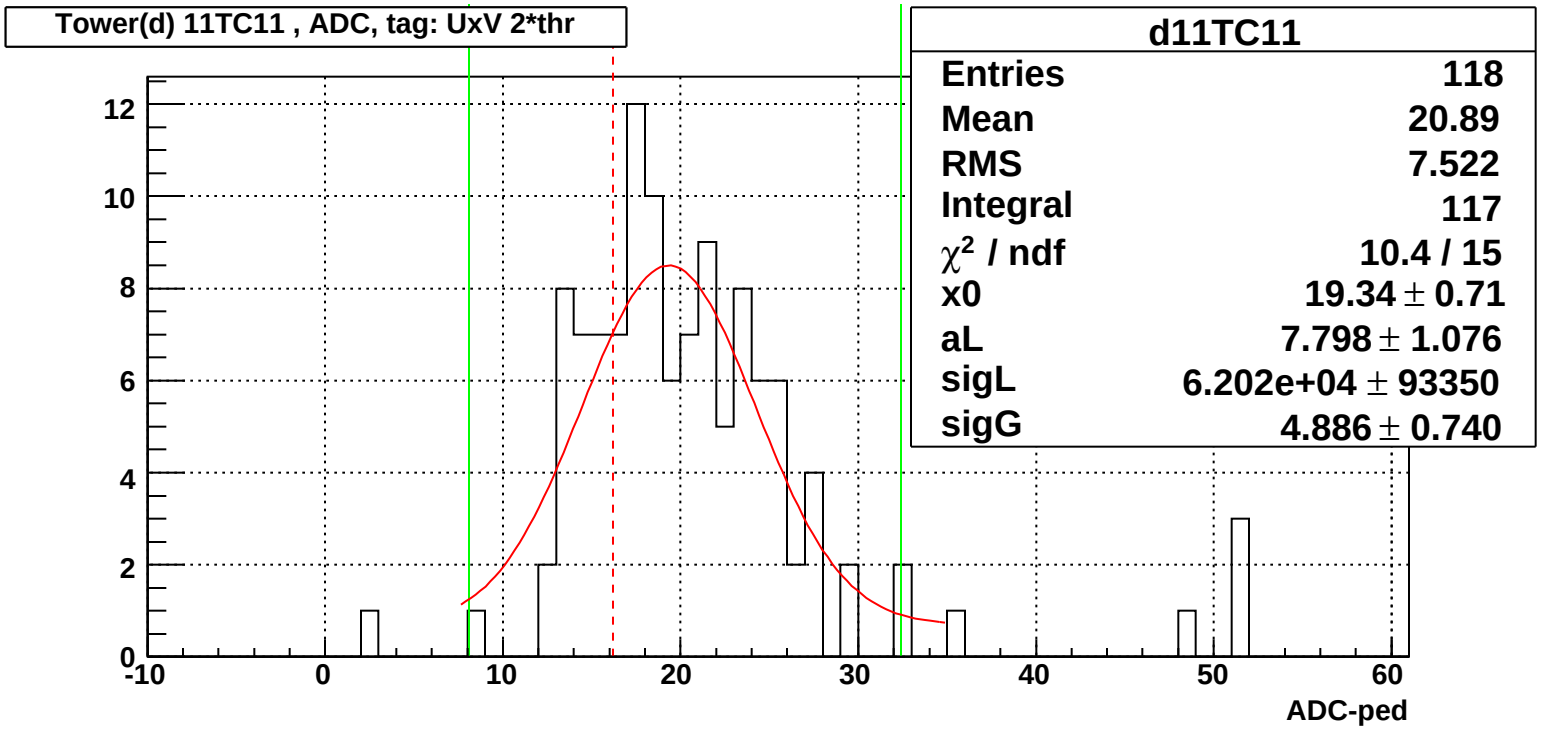

Tower(a) 11TA11 , inclusive ADC
a11TA11
Entries 1793874
Mean 0.2051
RMS 1.561
Integral 1.794e+06
χ² / ndf 1.012e+05 / 8
Constant 1.168e+06 ± 1723
Mean 0.1731 ± 0.0007
Sigma 0.5747 ± 0.0007
ADC-ped

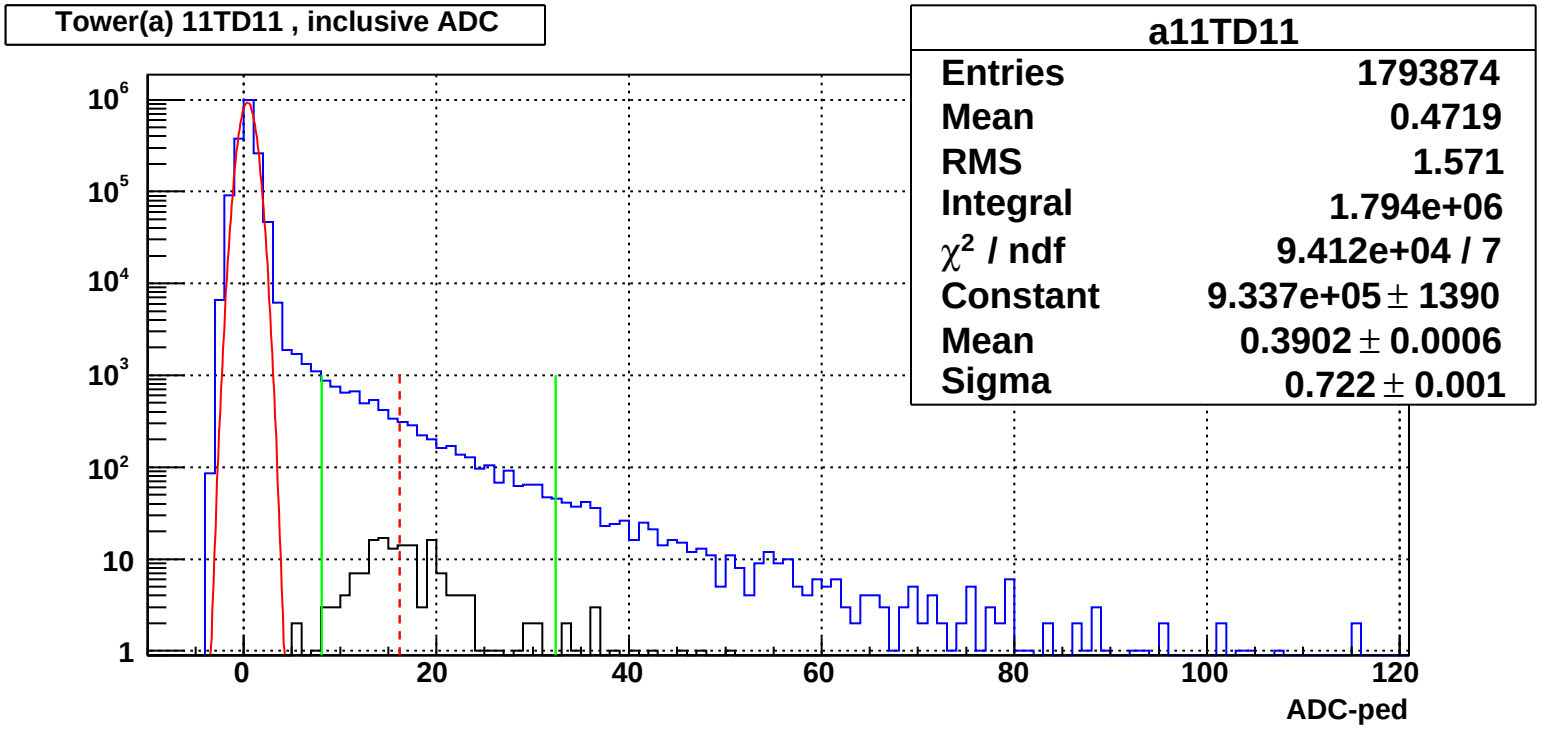

Tower(d) 11TA11 , ADC, tag: UxV 2*thr
d11TA11
Entries 108
Mean 18.94
RMS 8.891
Integral 106
χ² / ndf 8.147 / 15
x0 16.6 ± 0.5
aL 8.742 ± 1.042
sigL 3.079e+05 ± 1
sigG 3.448 ± 0.406
ADC-ped

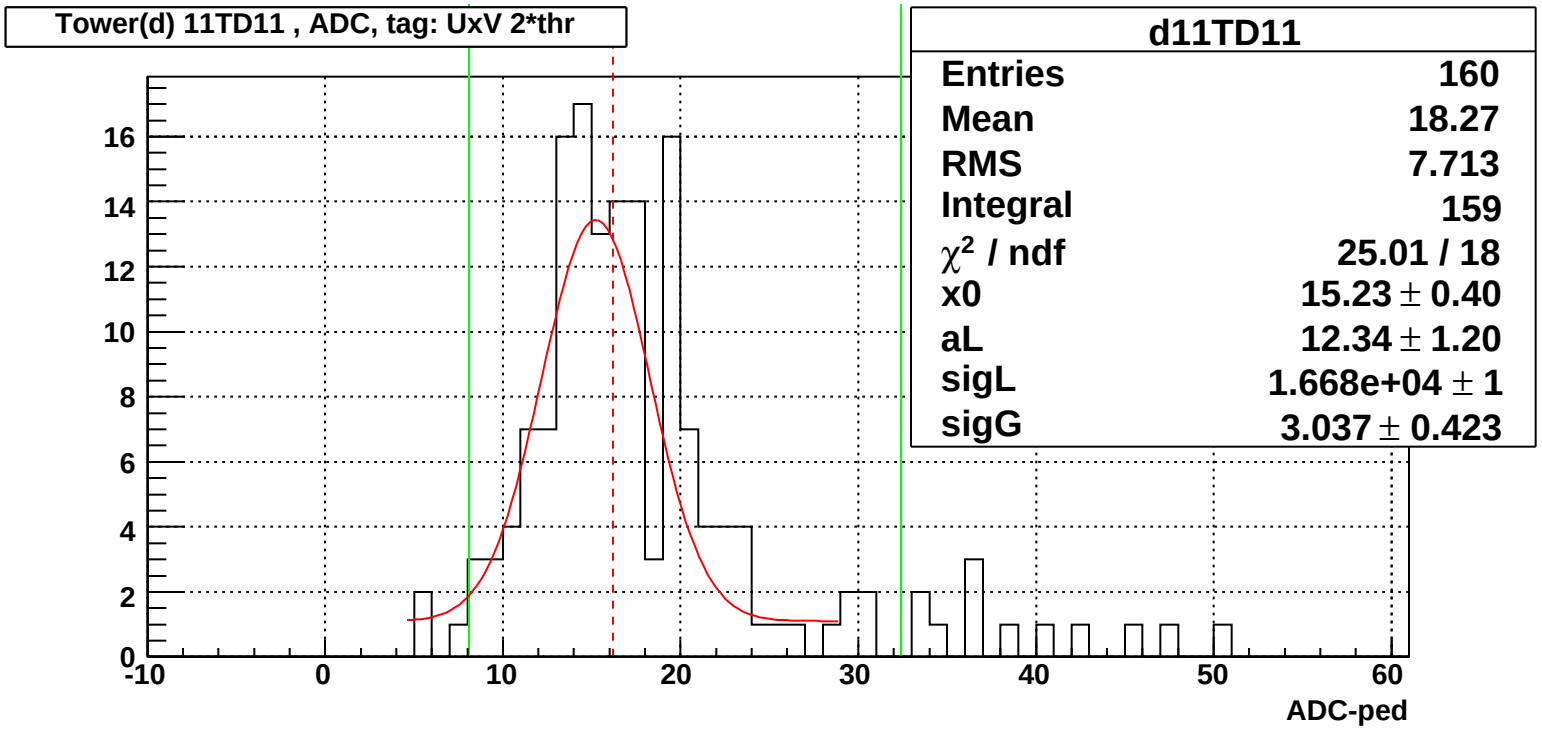

Tower(a) 11TB11 , inclusive ADC
a11TB11
Entries 1793874
Mean 0.446
RMS 1.609
Integral 1.794e+06
χ² / ndf 1.476e+05 / 8
Constant 8.226e+05 ± 1400
Mean 0.4068 ± 0.0007
Sigma 0.7937 ± 0.0012
ADC-ped

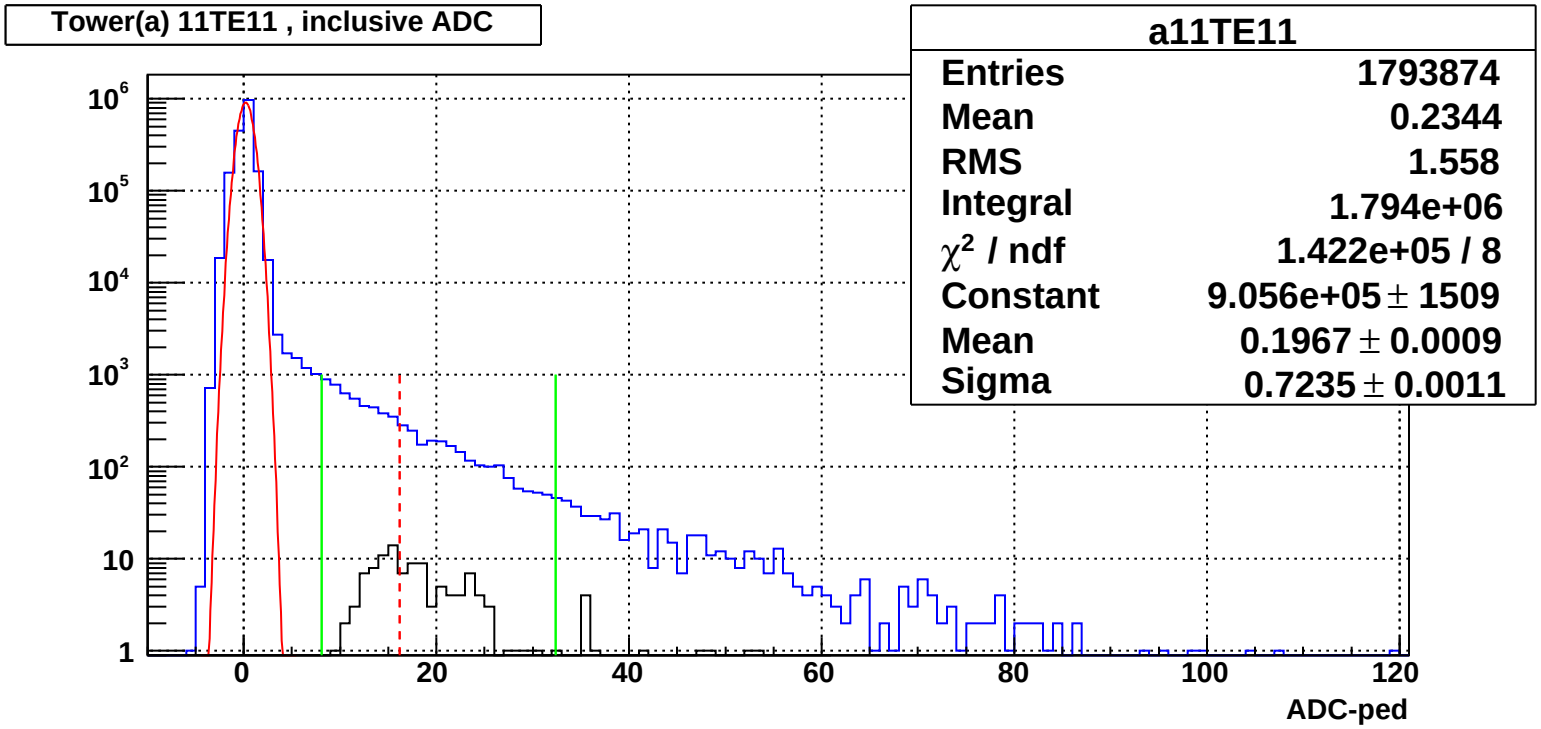

Tower(d) 11TB11 , ADC, tag: UxV 2*thr
d11TB11
Entries 125
Mean 17.96
RMS 8.157
Integral 124
χ² / ndf 18.18 / 18
x0 15.36 ± 0.45
aL 11.51 ± 1.62
sigL 1.889e+04 ± 31681
sigG 2.711 ± 0.418
ADC-ped

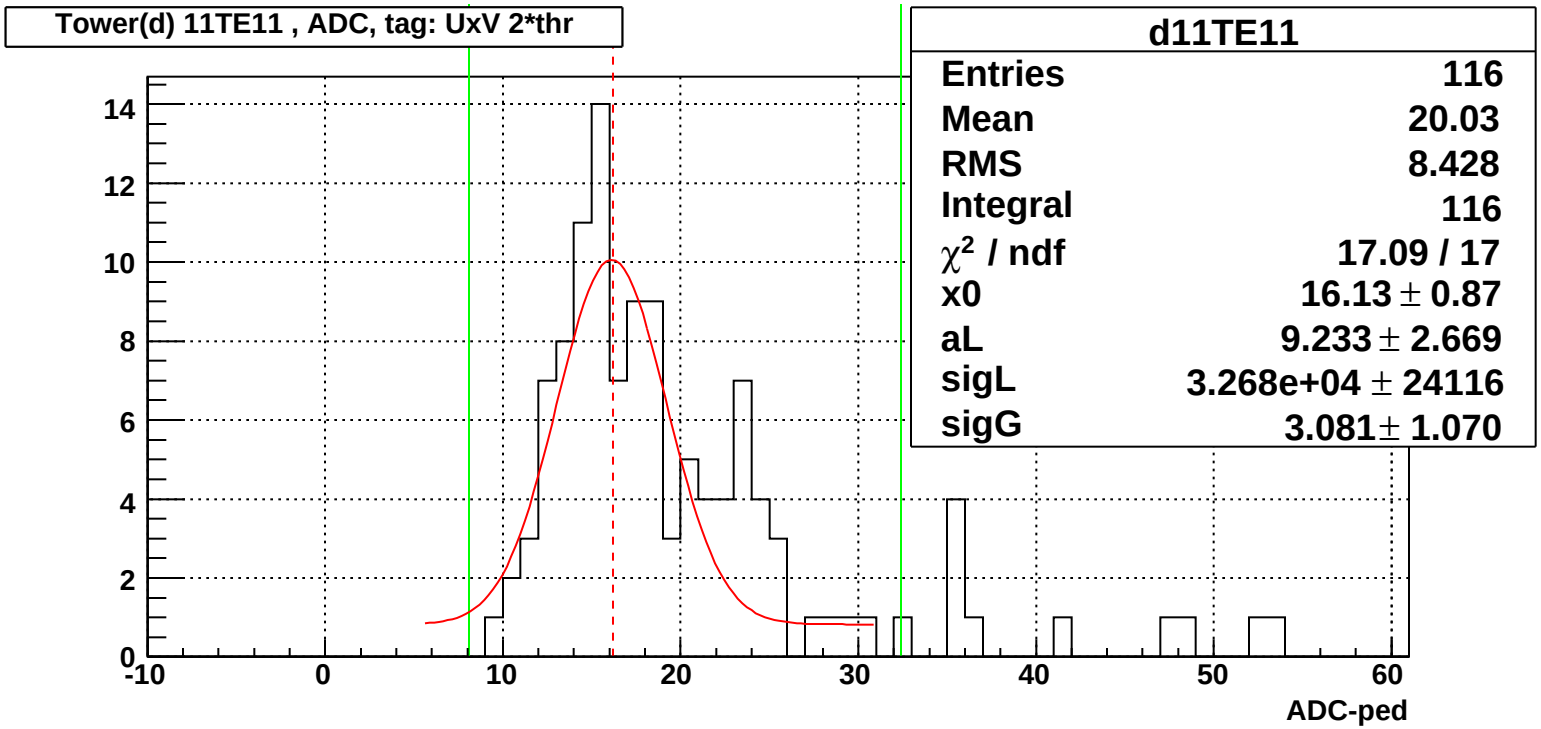

Tower(a) 11TC11 , inclusive ADC
a11TC11
Entries 1793874
Mean 0.03477
RMS 1.708
Integral 1.794e+06
χ² / ndf 1.269e+05 / 8
Constant 9.288e+05 ± 1060
Mean -0.08277 ± 0.00077
Sigma 0.7117 ± 0.0006
ADC-ped

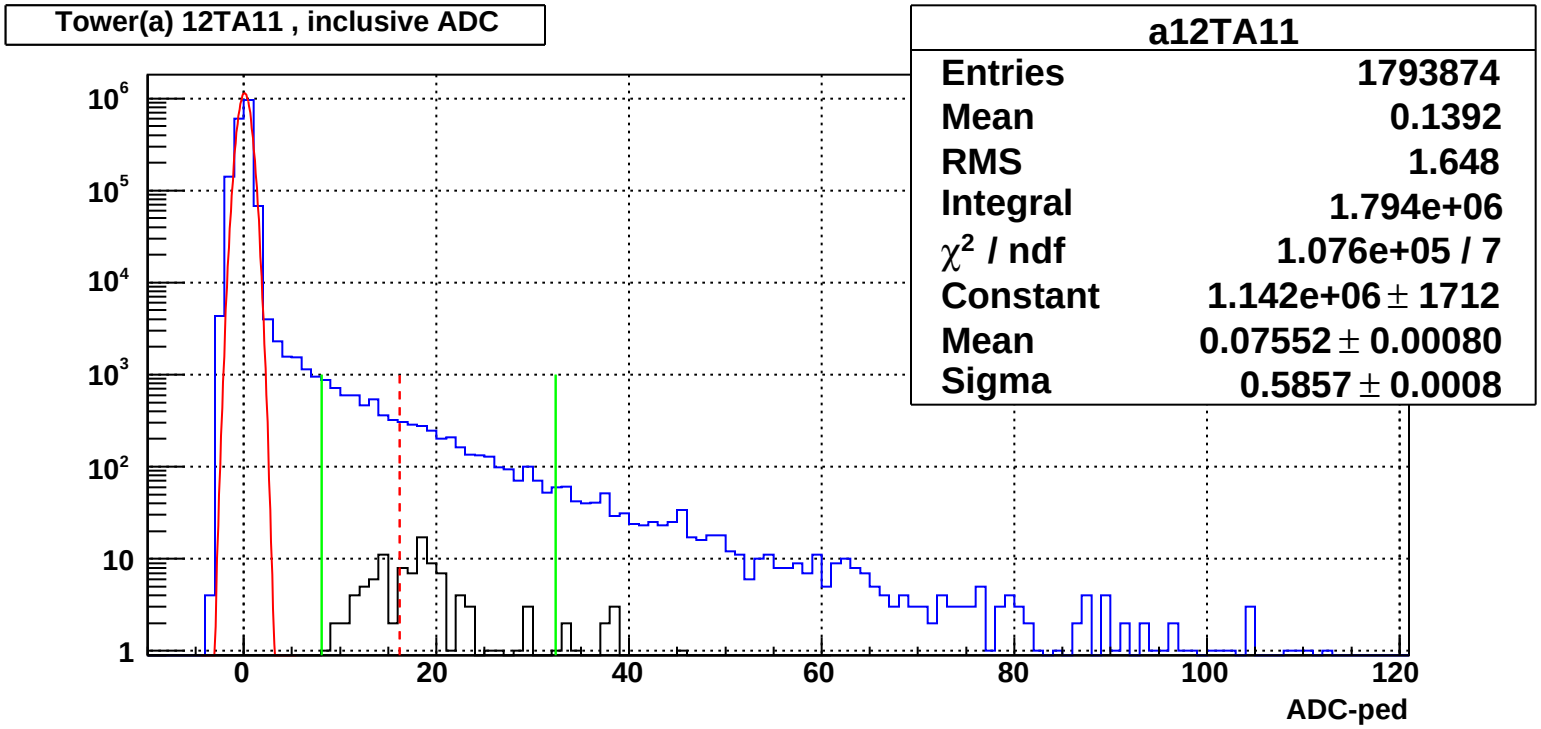

Tower(d) 11TC11 , ADC, tag: UxV 2*thr
d11TC11
Entries 118
Mean 20.89
RMS 7.522
Integral 117
χ² / ndf 10.4 / 15
x0 19.34 ± 0.71
aL 7.798 ± 1.076
sigL 6.202e+04 ± 93350
sigG 4.886 ± 0.740
ADC-ped

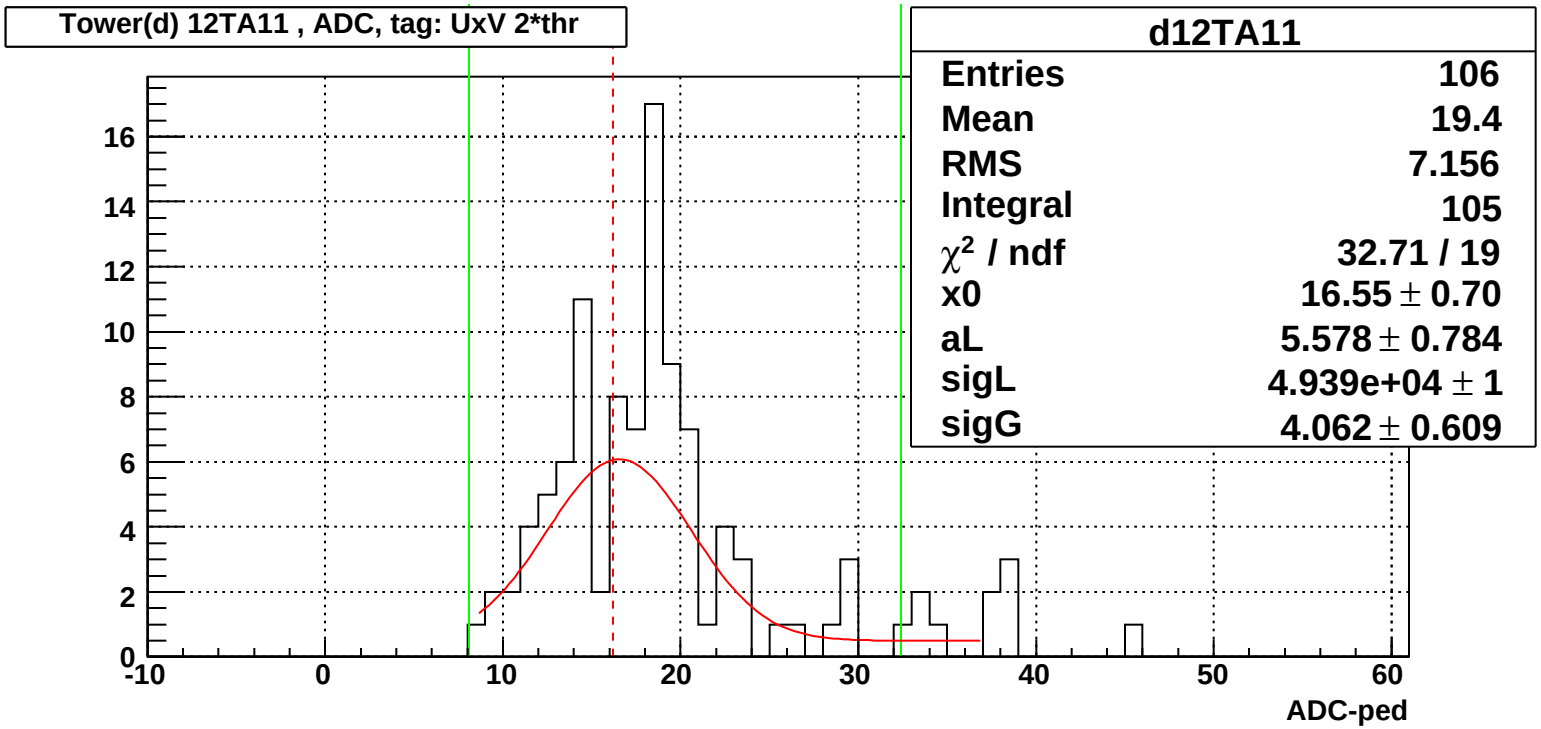

Tower(a) 11TD11 , inclusive ADC
a11TD11
Entries 1793874
Mean 0.4719
RMS 1.571
Integral 1.794e+06
χ² / ndf 9.412e+04 / 7
Constant 9.337e+05 ± 1390
Mean 0.3902 ± 0.0006
Sigma 0.722 ± 0.001
ADC-ped

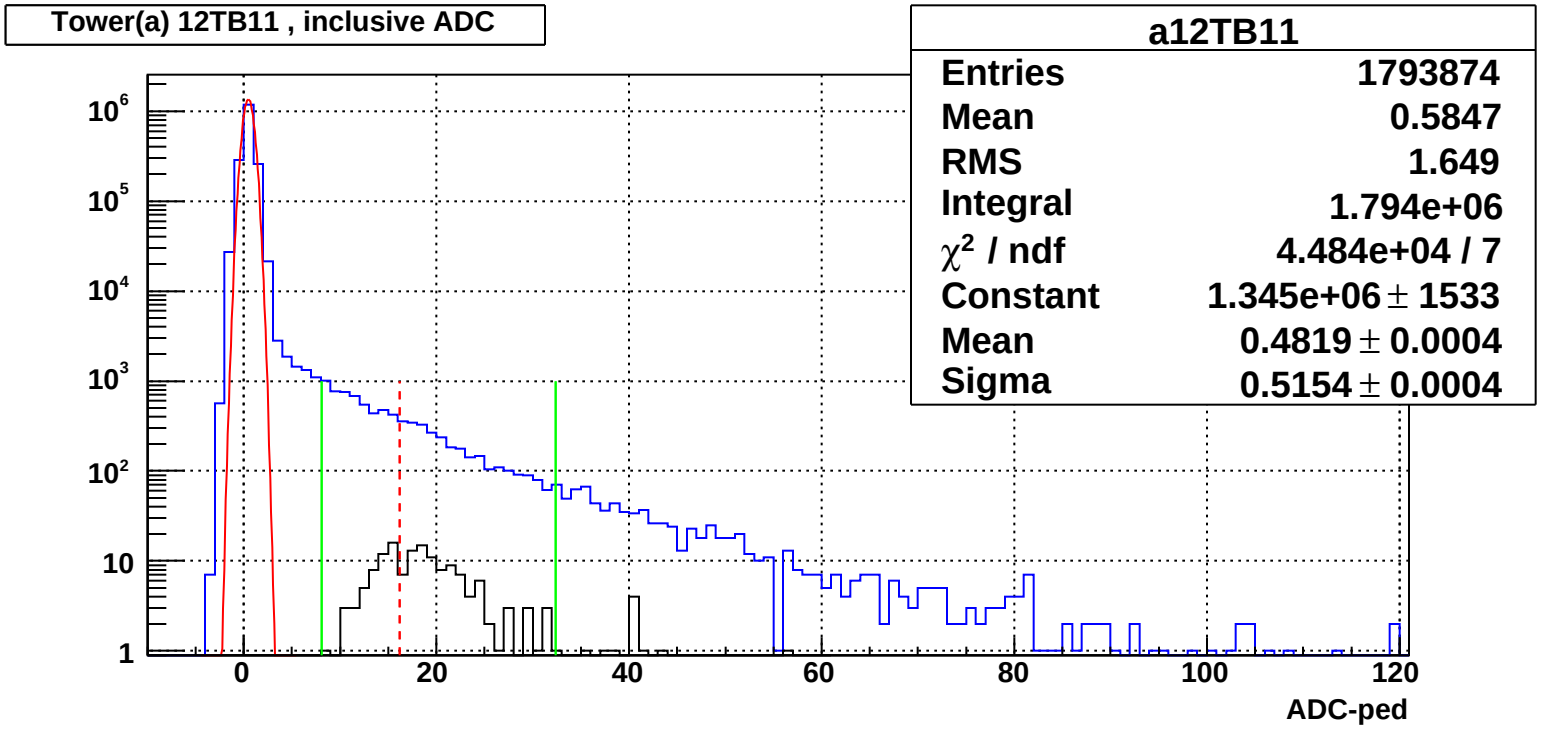

Tower(d) 11TD11 , ADC, tag: UxV 2*thr
d11TD11
Entries 160
Mean 18.27
RMS 7.713
Integral 159
χ² / ndf 25.01 / 18
x0 15.23 ± 0.40
aL 12.34 ± 1.20
sigL 1.668e+04 ± 1
sigG 3.037 ± 0.423
ADC-ped

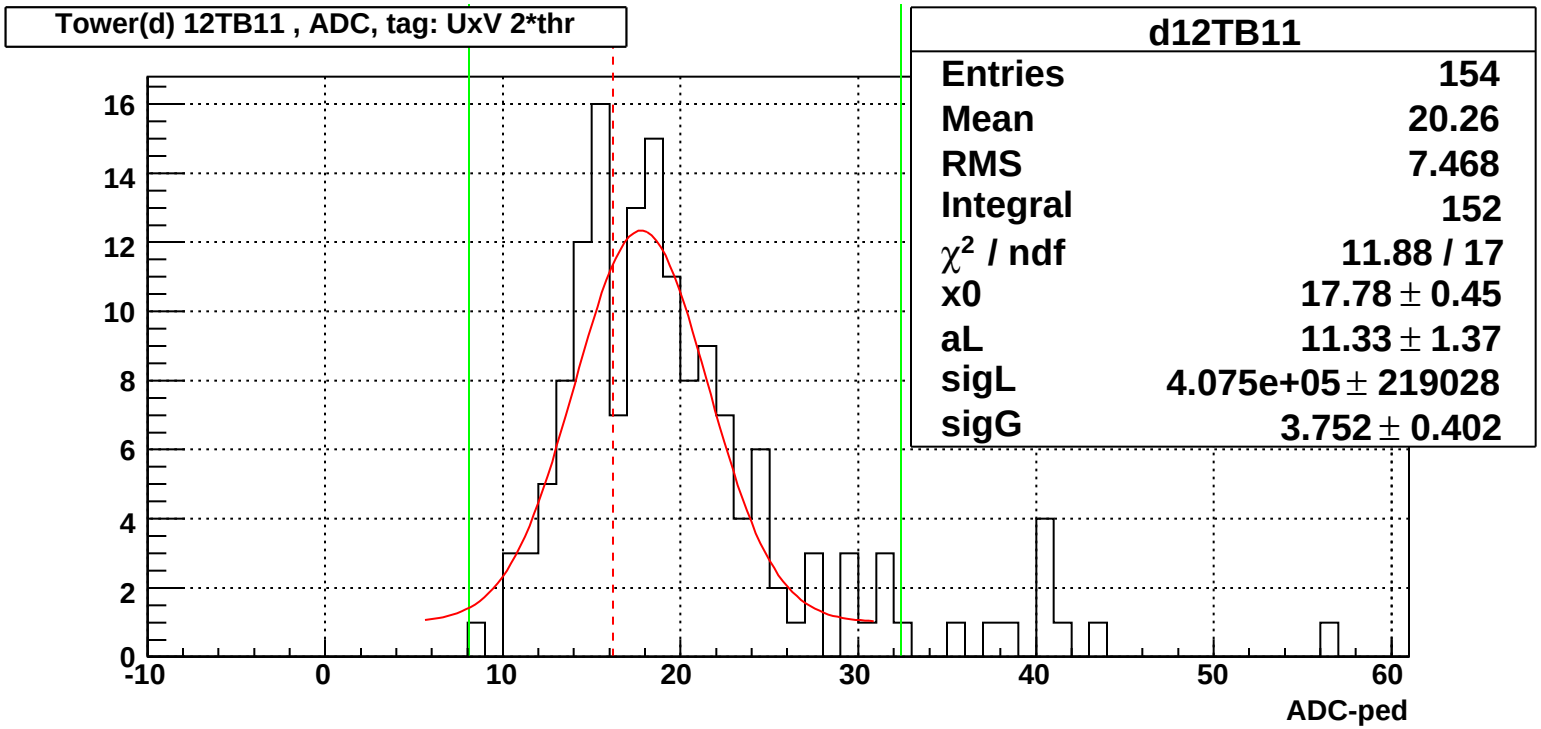

Tower(a) 11TE11 , inclusive ADC
a11TE11
Entries 1793874
Mean 0.2344
RMS 1.558
Integral 1.794e+06
χ² / ndf 1.422e+05 / 8
Constant 9.056e+05 ± 1509
Mean 0.1967 ± 0.0009
Sigma 0.7235 ± 0.0011
ADC-ped

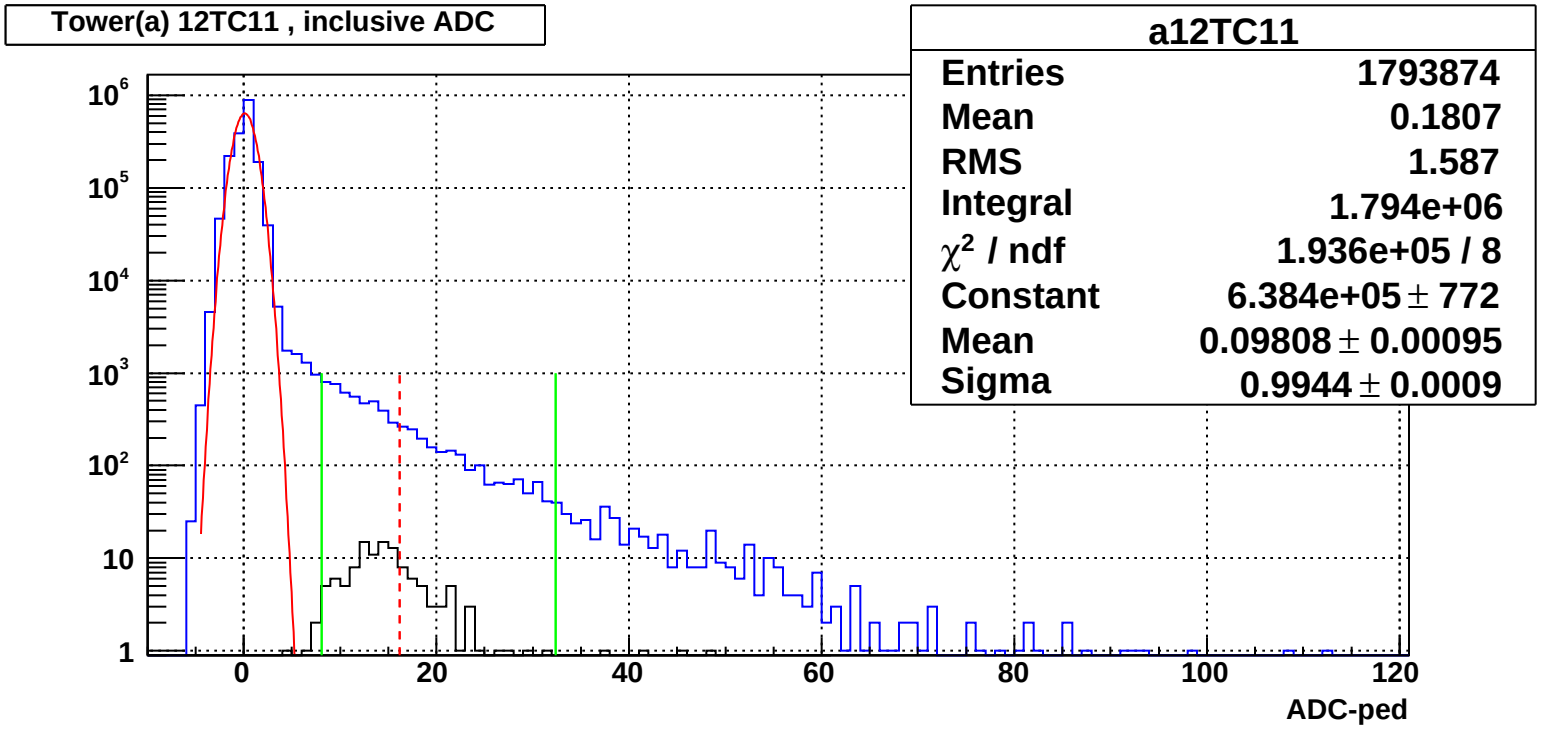

Tower(d) 11TE11 , ADC, tag: UxV 2*thr
d11TE11
Entries 116
Mean 20.03
RMS 8.428
Integral 116
χ² / ndf 17.09 / 17
x0 16.13 ± 0.87
aL 9.233 ± 2.669
sigL 3.268e+04 ± 24116
sigG 3.081 ± 1.070
ADC-ped

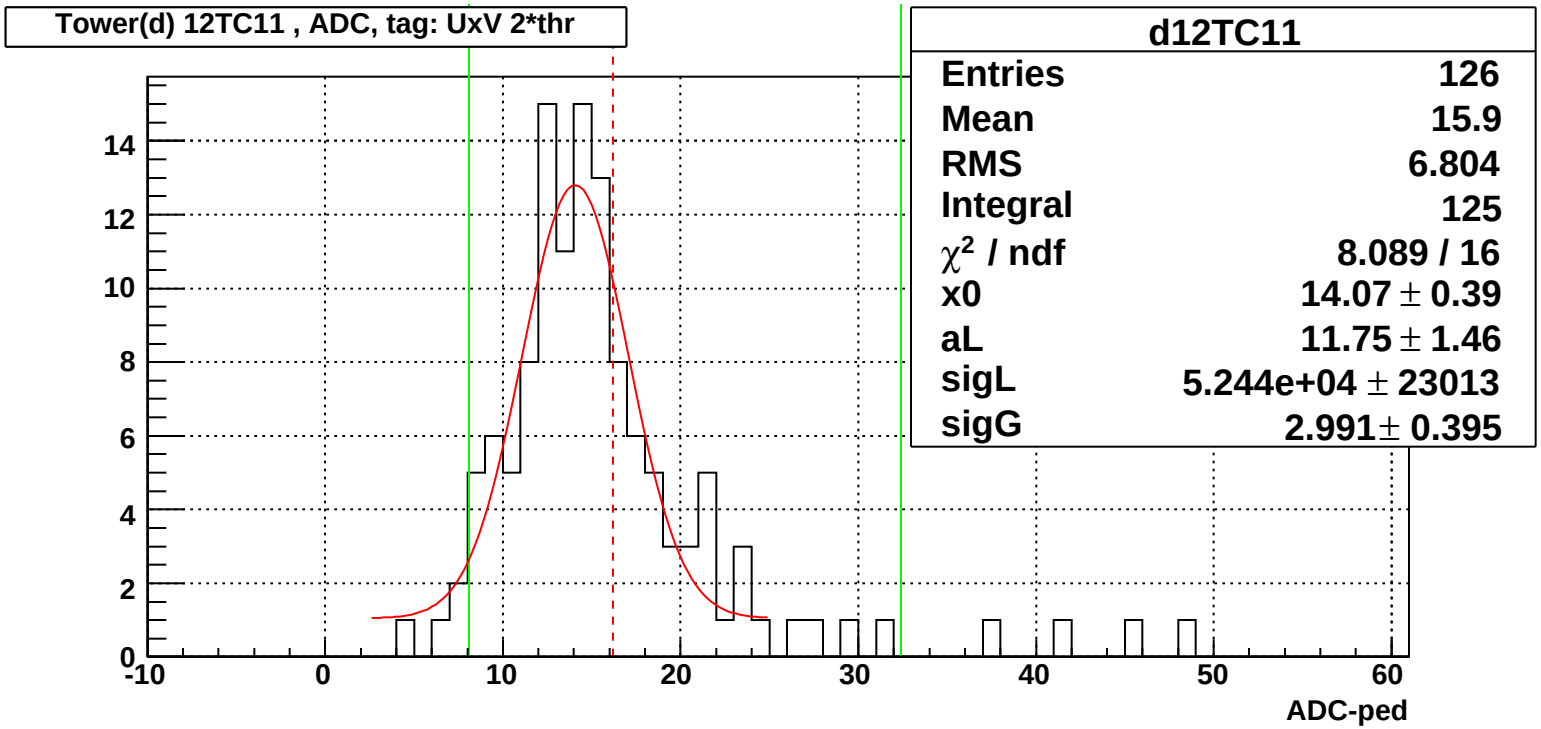

Tower(a) 12TA11 , inclusive ADC
a12TA11
Entries 1793874
Mean 0.1392
RMS 1.648
Integral 1.794e+06
χ² / ndf 1.076e+05 / 7
Constant 1.142e+06 ± 1712
Mean 0.07552 ± 0.00080
Sigma 0.5857 ± 0.0008
ADC-ped

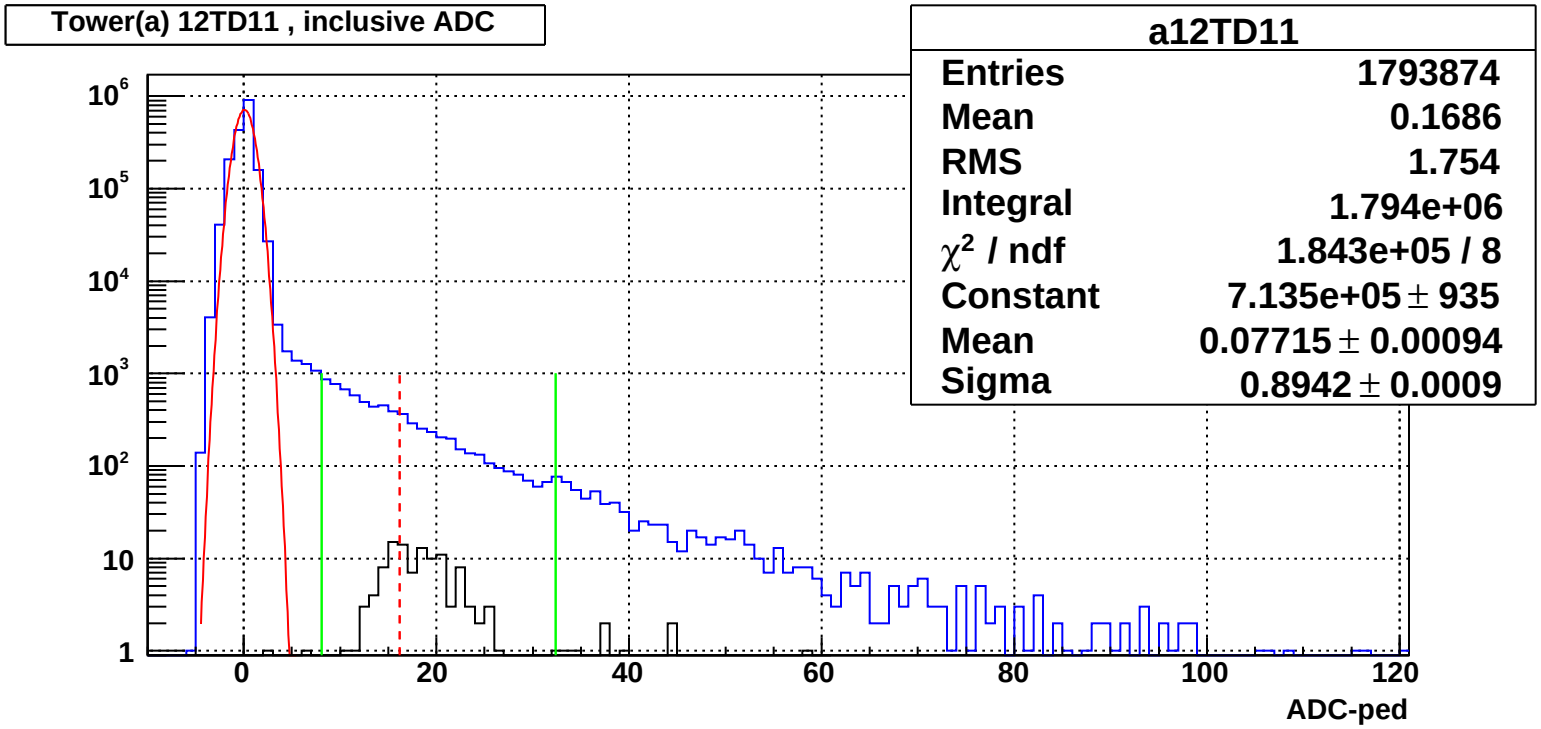

Tower(d) 12TA11 , ADC, tag: UxV 2*thr
d12TA11
Entries 106
Mean 19.4
RMS 7.156
Integral 105
χ² / ndf 32.71 / 19
x0 16.55 ± 0.70
aL 5.578 ± 0.784
sigL 4.939e+04 ± 1
sigG 4.062 ± 0.609
ADC-ped

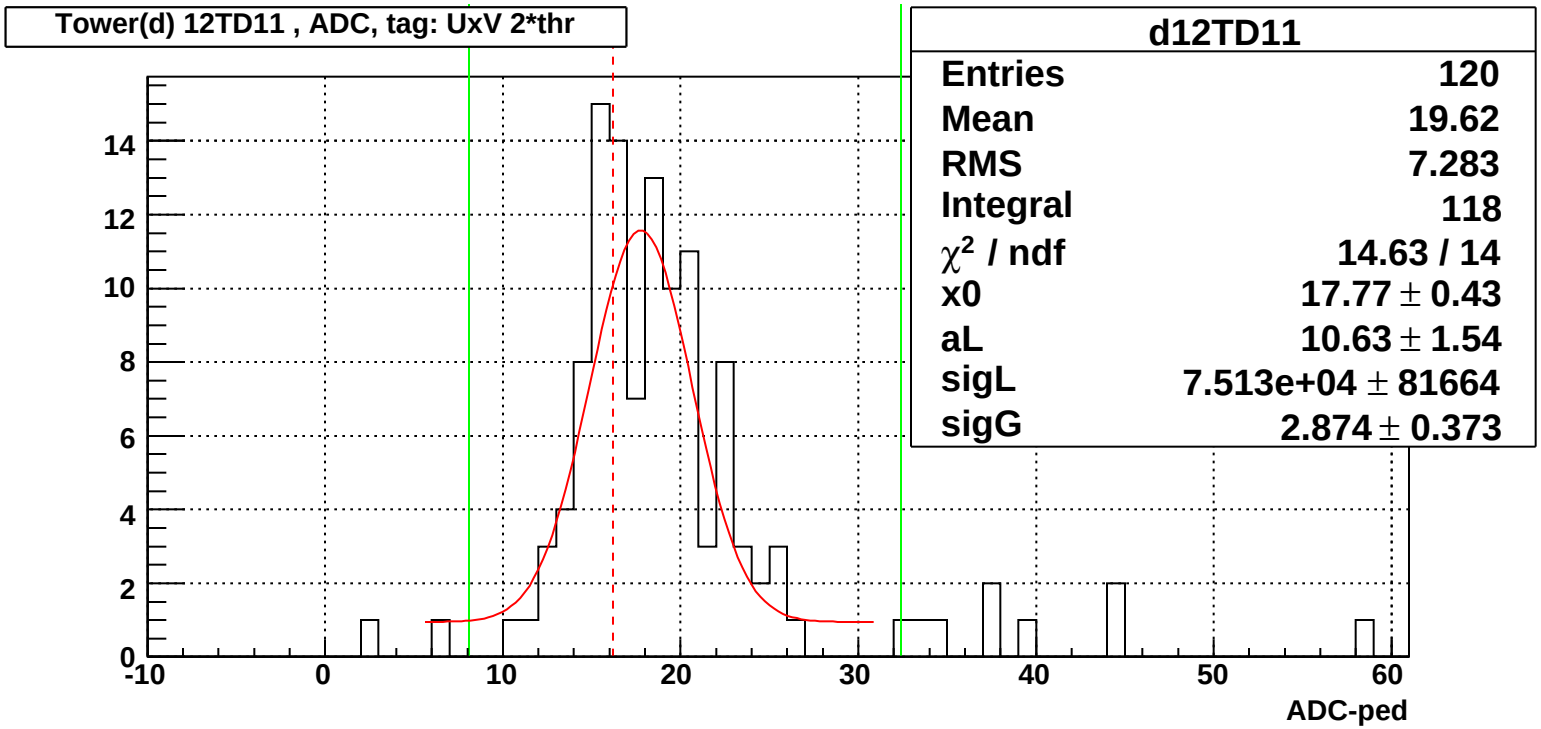

Tower(a) 12TB11 , inclusive ADC
a12TB11
Entries 1793874
Mean 0.5847
RMS 1.649
Integral 1.794e+06
χ² / ndf 4.484e+04 / 7
Constant 1.345e+06 ± 1533
Mean 0.4819 ± 0.0004
Sigma 0.5154 ± 0.0004
ADC-ped

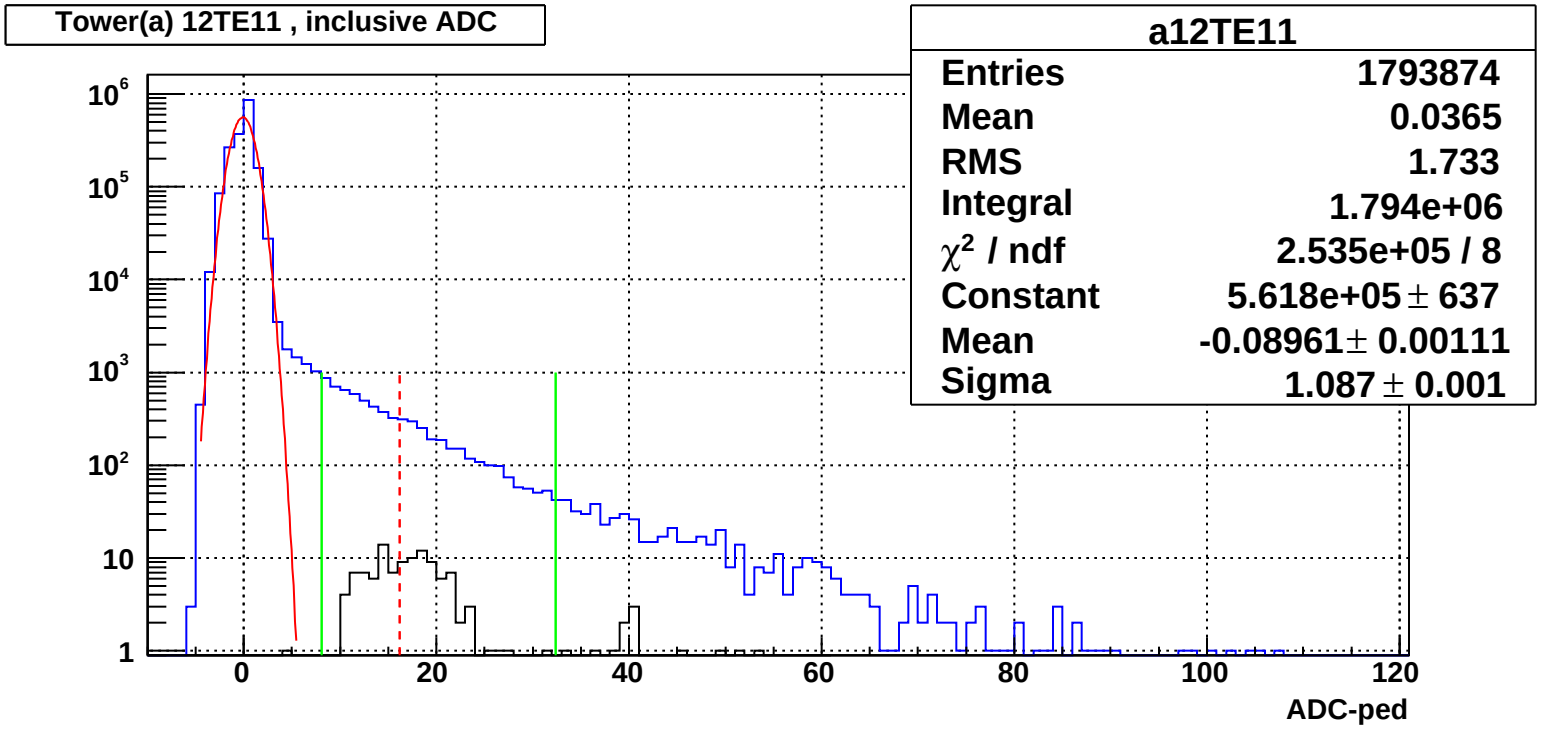

Tower(d) 12TB11 , ADC, tag: UxV 2*thr
d12TB11
Entries 154
Mean 20.26
RMS 7.468
Integral 152
χ² / ndf 11.88 / 17
x0 17.78 ± 0.45
aL 11.33 ± 1.37
sigL 4.075e+05 ± 219028
sigG 3.752 ± 0.402
ADC-ped

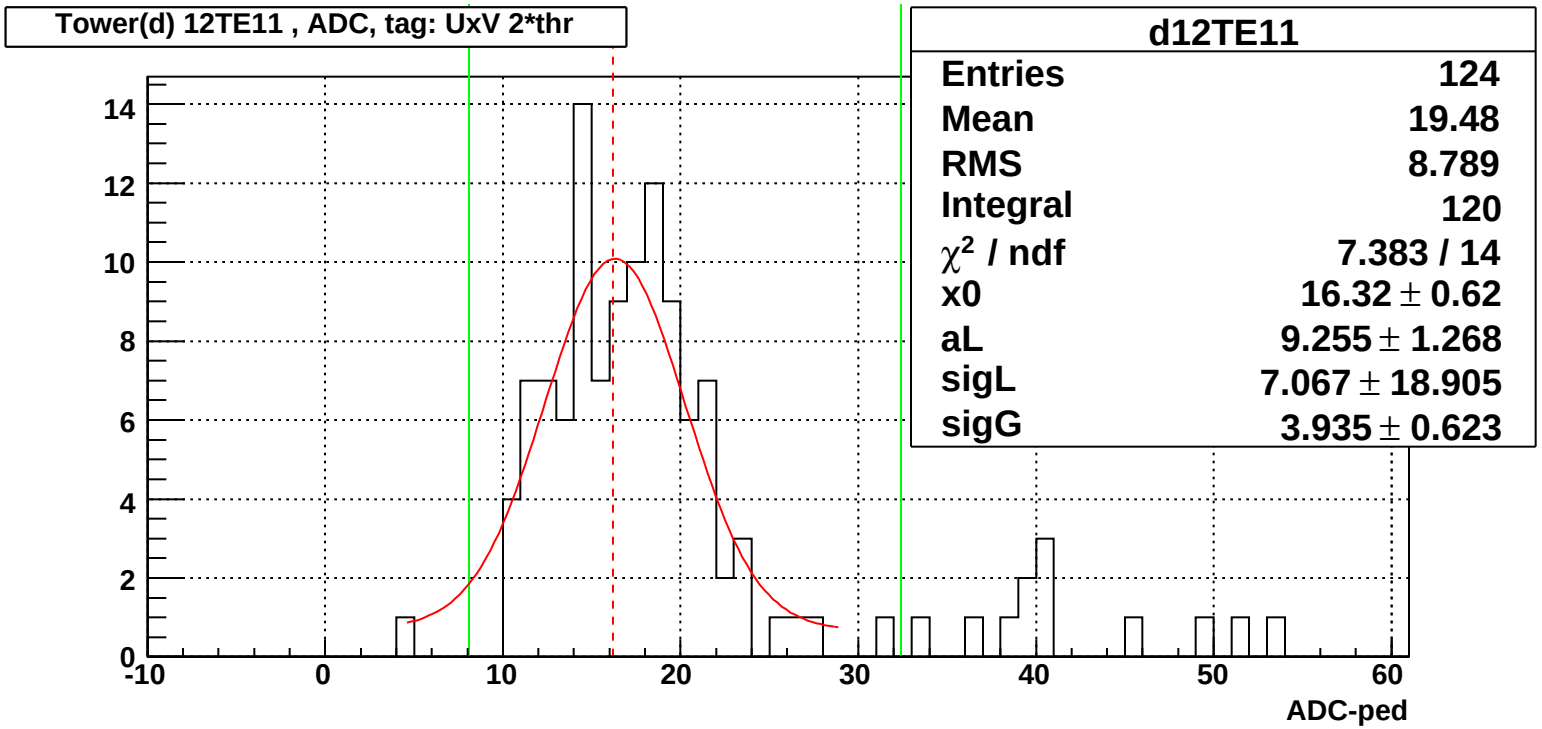

Tower(a) 12TC11 , inclusive ADC
a12TC11
Entries 1793874
Mean 0.1807
RMS 1.587
Integral 1.794e+06
χ² / ndf 1.936e+05 / 8
Constant 6.384e+05 ± 772
Mean 0.09808 ± 0.00095
Sigma 0.9944 ± 0.0009
ADC-ped

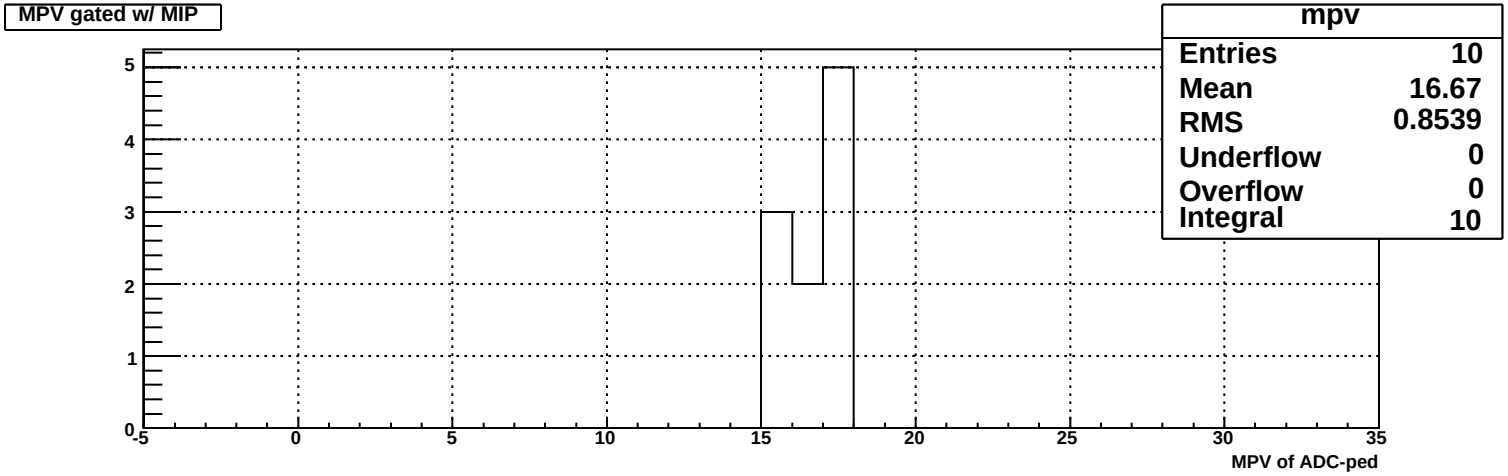

Tower(d) 12TC11 , ADC, tag: UxV 2*thr
d12TC11
Entries 126
Mean 15.9
RMS 6.804
Integral 125
χ² / ndf 8.089 / 16
x0 14.07 ± 0.39
aL 11.75 ± 1.46
sigL 5.244e+04 ± 23013
sigG 2.991 ± 0.395
ADC-ped

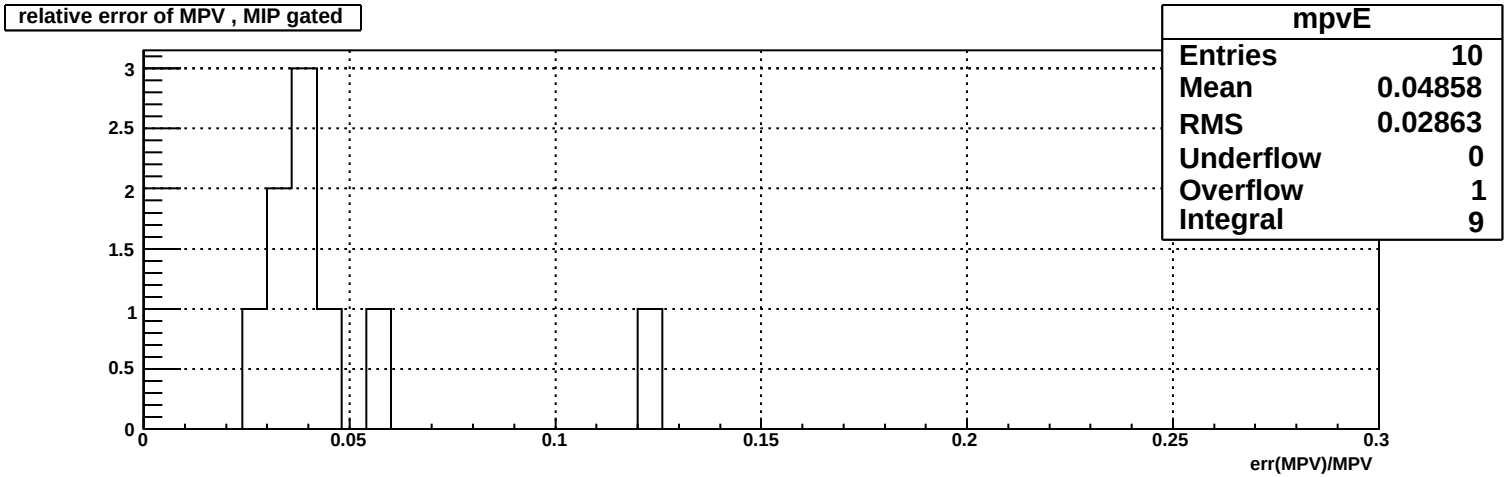

Tower(a) 12TD11 , inclusive ADC
a12TD11
Entries 1793874
Mean 0.1686
RMS 1.754
Integral 1.794e+06
χ² / ndf 1.843e+05 / 8
Constant 7.135e+05 ± 935
Mean 0.07715 ± 0.00094
Sigma 0.8942 ± 0.0009
ADC-ped


Tower(d) 12TD11 , ADC, tag: UxV 2*thr
d12TD11
Entries 120
Mean 19.62
RMS 7.283
Integral 118
χ² / ndf 14.63 / 14
x0 17.77 ± 0.43
aL 10.63 ± 1.54
sigL 7.513e+04 ± 81664
sigG 2.874 ± 0.373
ADC-ped


Tower(a) 12TE11 , inclusive ADC
a12TE11
Entries 1793874
Mean 0.0365
RMS 1.733
Integral 1.794e+06
χ² / ndf 2.535e+05 / 8
Constant 5.618e+05 ± 637
Mean -0.08961 ± 0.00111
Sigma 1.087 ± 0.001
ADC-ped


Tower(d) 12TE11 , ADC, tag: UxV 2*thr
d12TE11
Entries 124
Mean 19.48
RMS 8.789
Integral 120
χ² / ndf 7.383 / 14
x0 16.32 ± 0.62
aL 9.255 ± 1.268
sigL 7.067 ± 18.905
sigG 3.935 ± 0.623
ADC-ped


MPV gated w/ MIP
mpv
Entries 10
Mean 16.67
RMS 0.8539
Underflow 0
Overflow 0
Integral 10
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 10
Mean 0.04858
RMS 0.02863
Underflow 0
Overflow 1
Integral 9
err(MPV)/MPV