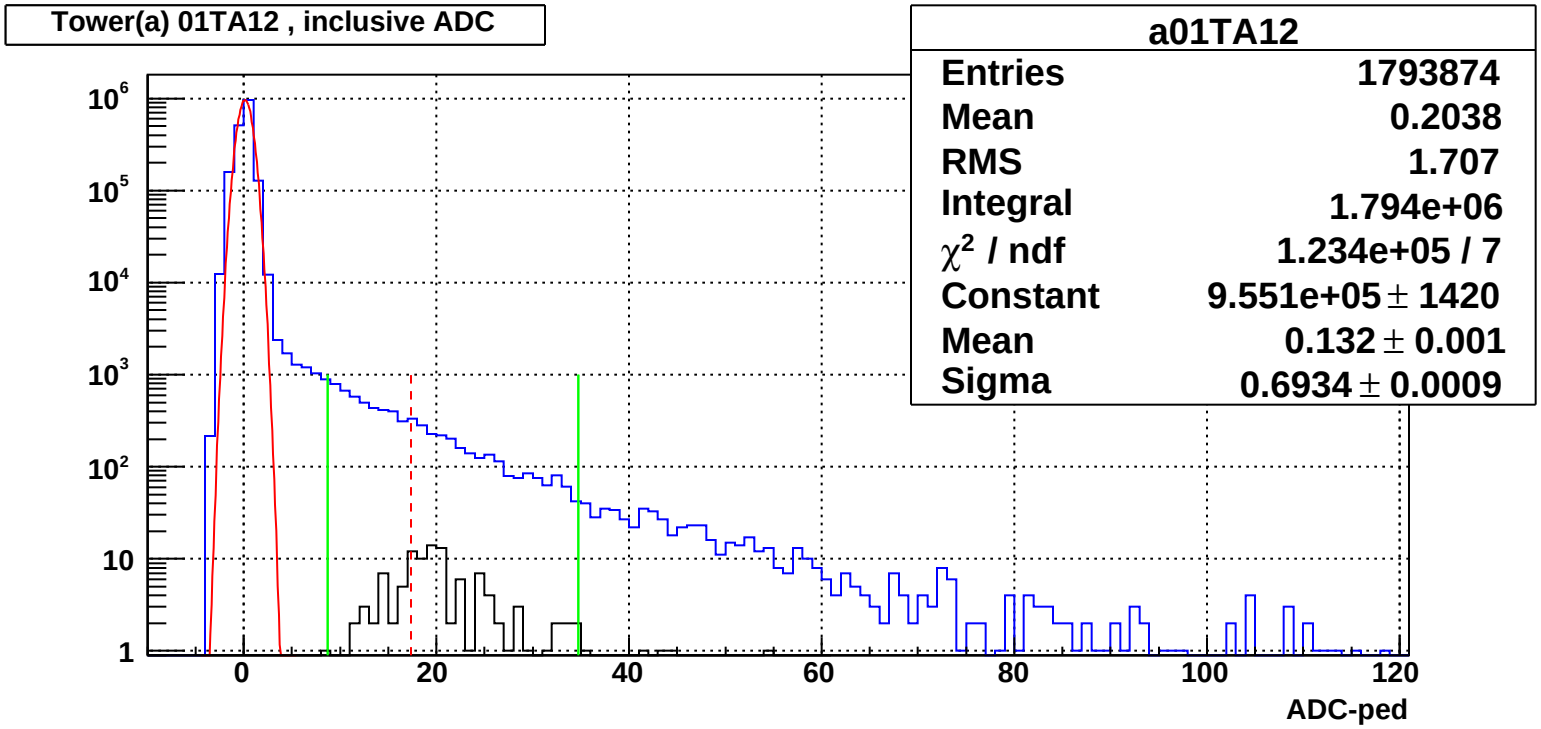
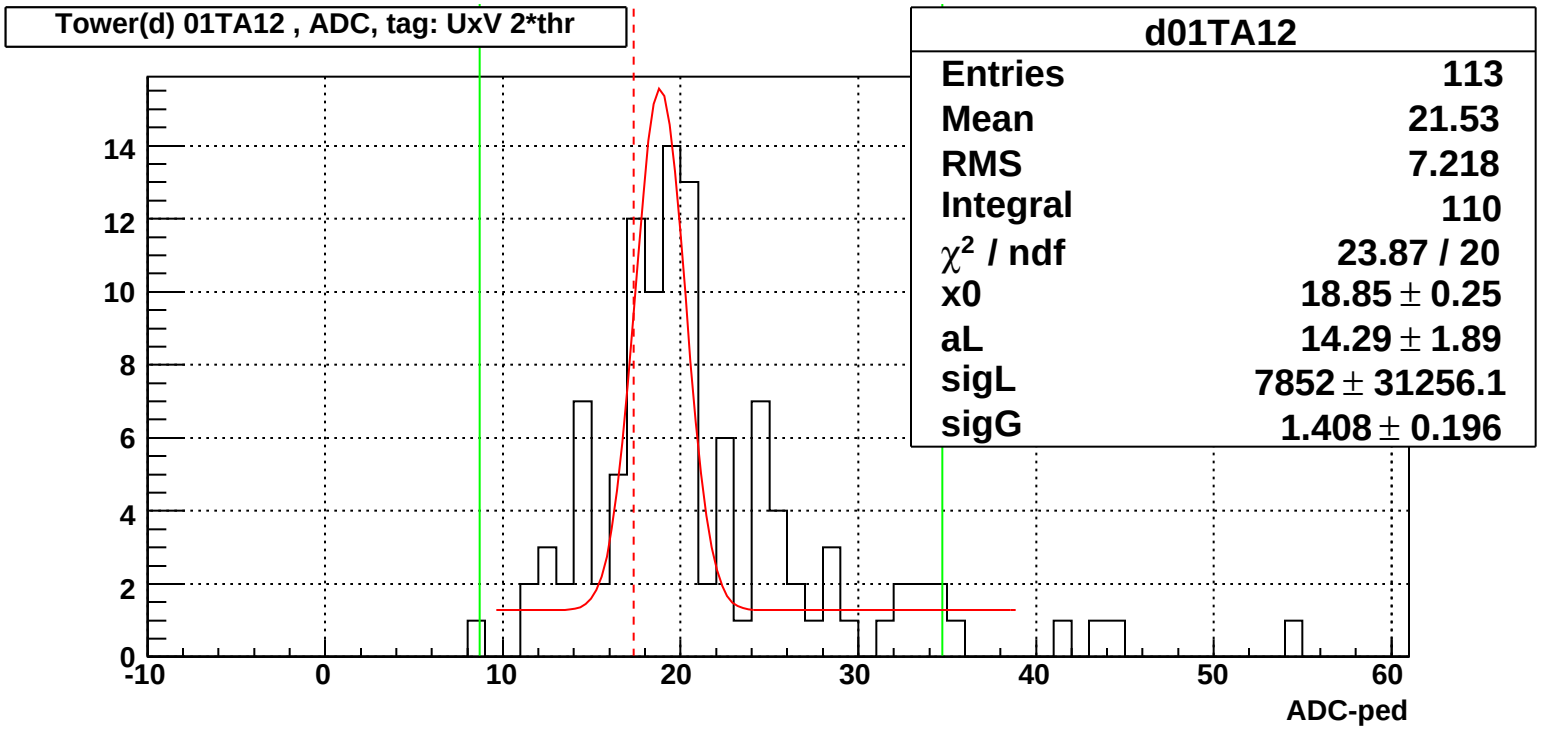
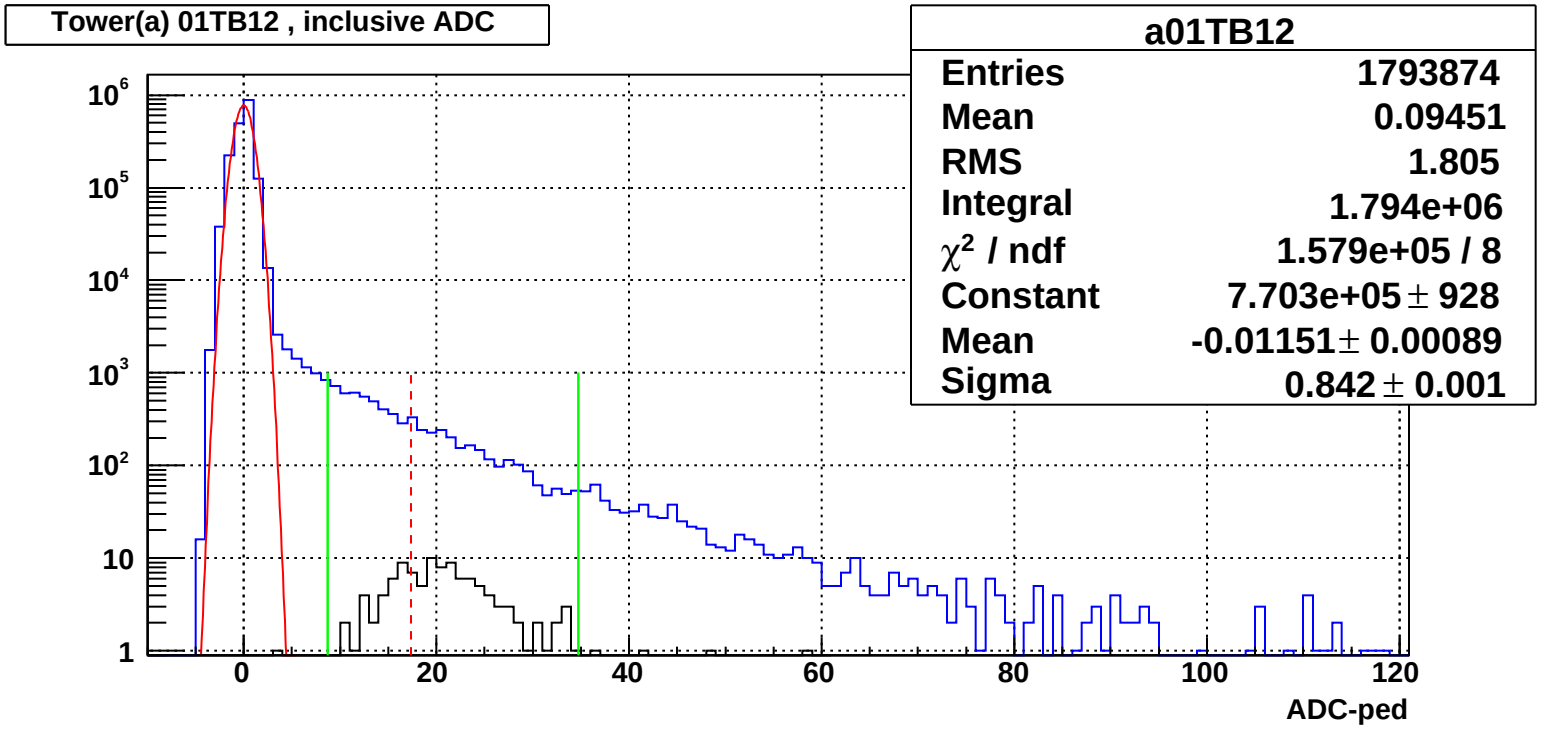
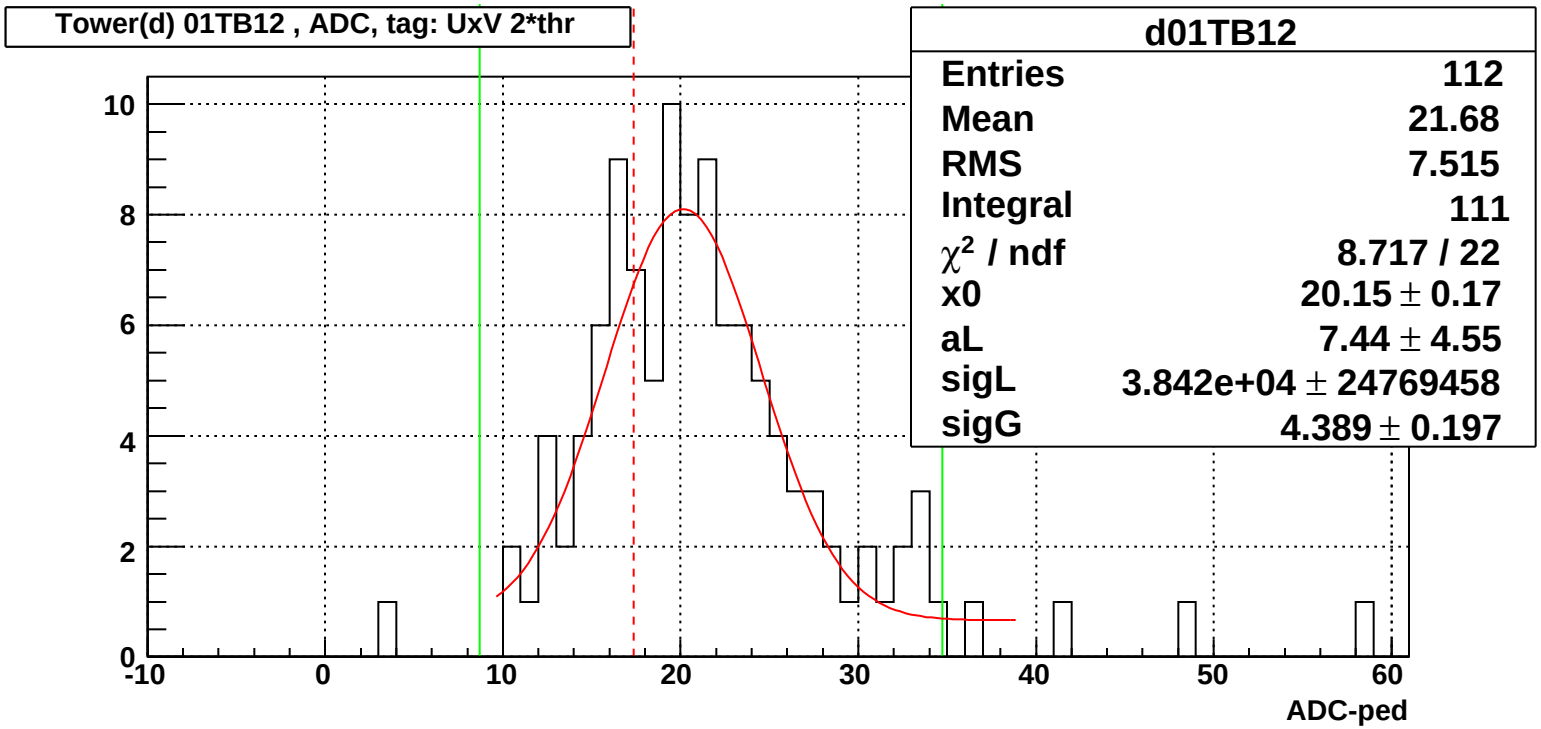
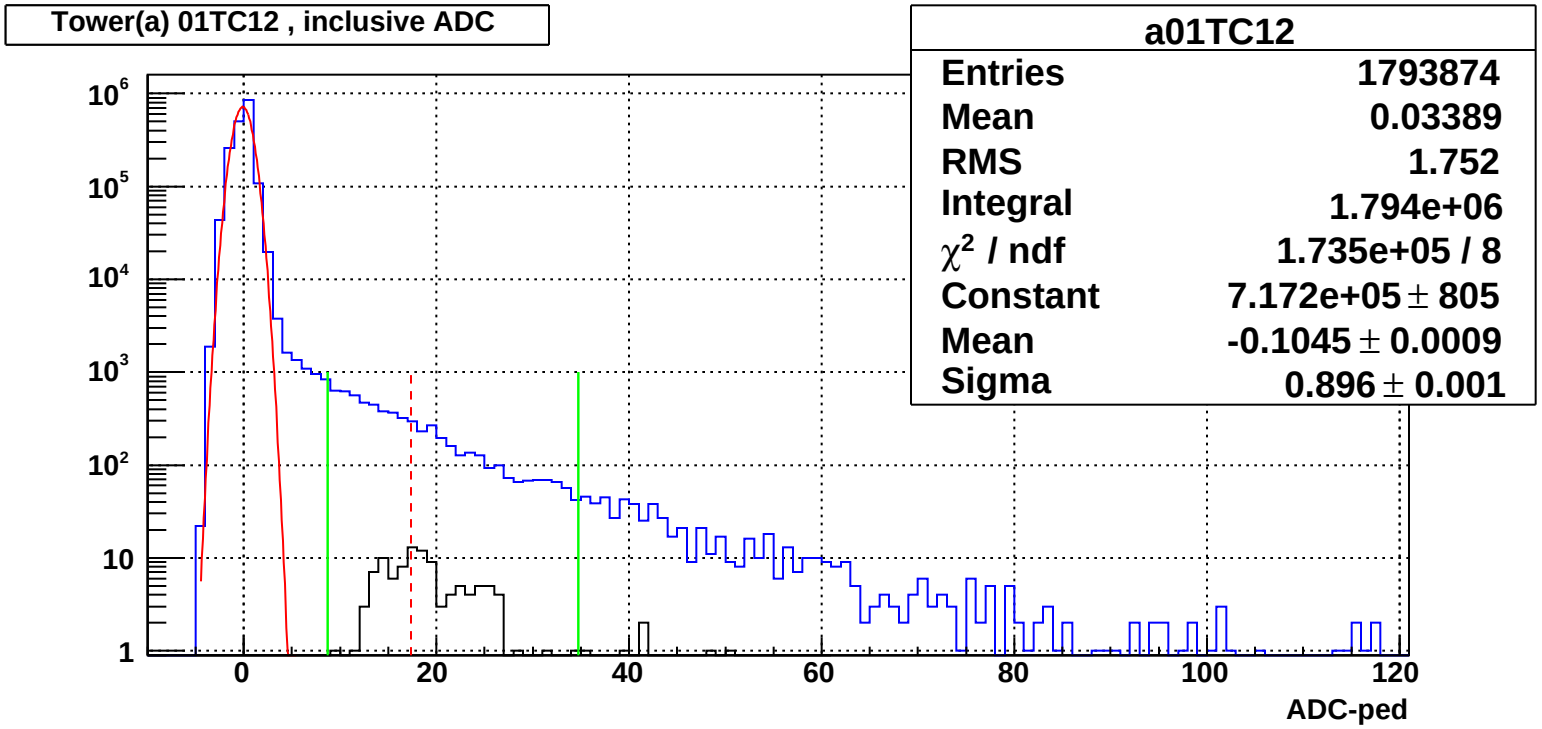
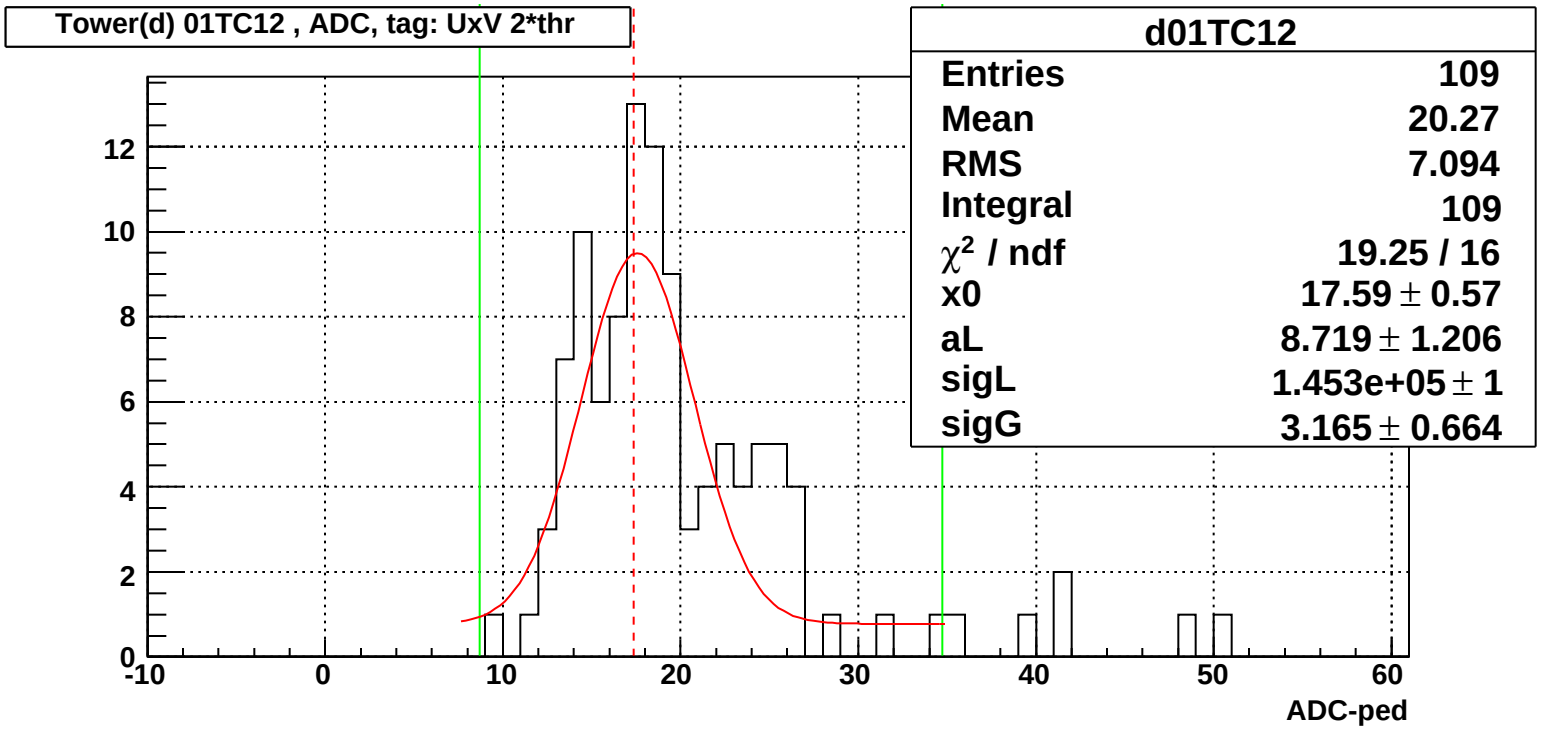

Tower(a) 01TA12 , inclusive ADC
a01TA12
Entries 1793874
Mean 0.2038
RMS 1.707
Integral 1.794e+06
χ² / ndf 1.234e+05 / 7
Constant 9.551e+05 ± 1420
Mean 0.132 ± 0.001
Sigma 0.6934 ± 0.0009
ADC-ped

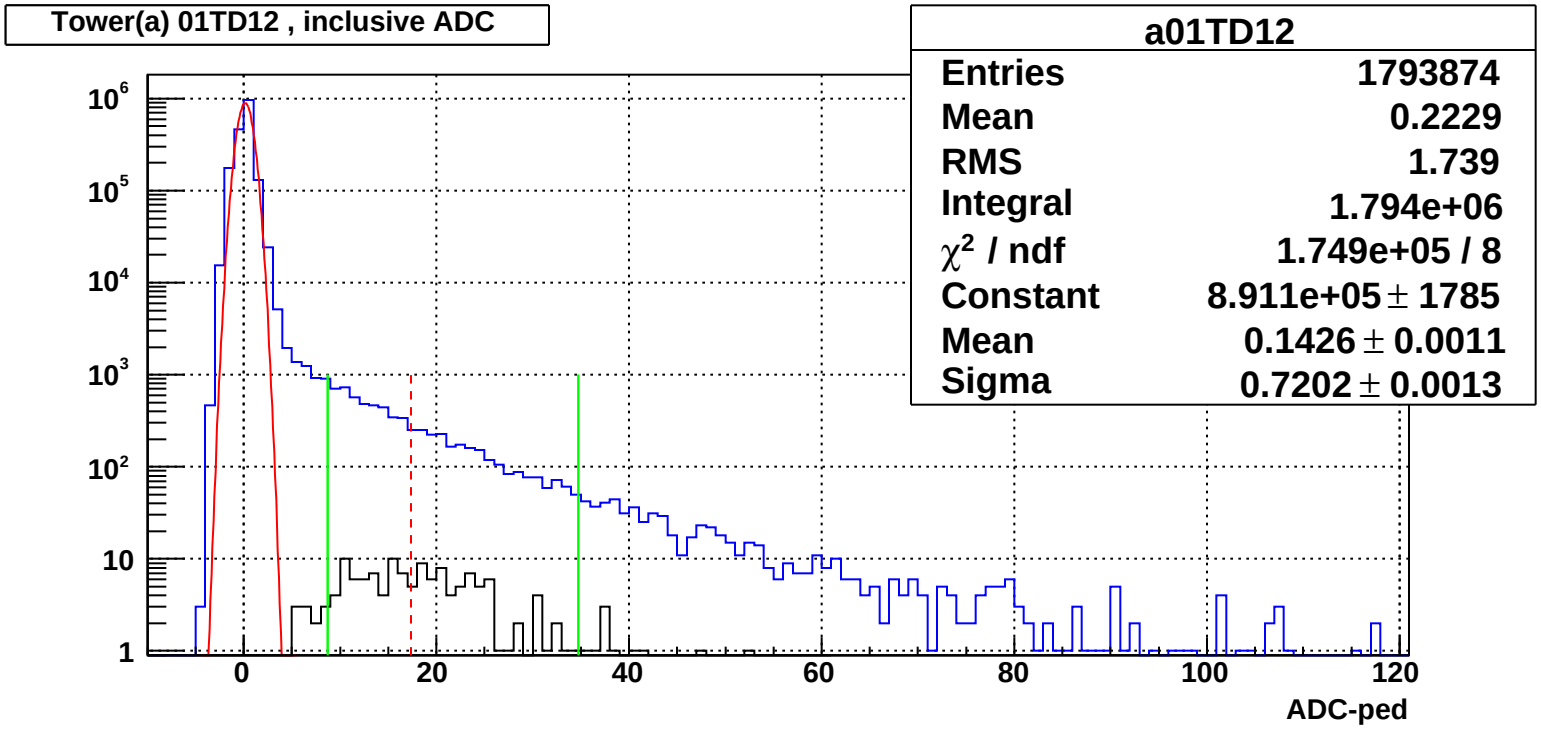

Tower(d) 01TA12 , ADC, tag: UxV 2*thr
d01TA12
Entries 113
Mean 21.53
RMS 7.218
Integral 110
χ² / ndf 23.87 / 20
x0 18.85 ± 0.25
aL 14.29 ± 1.89
sigL 7852 ± 31256.1
sigG 1.408 ± 0.196
ADC-ped

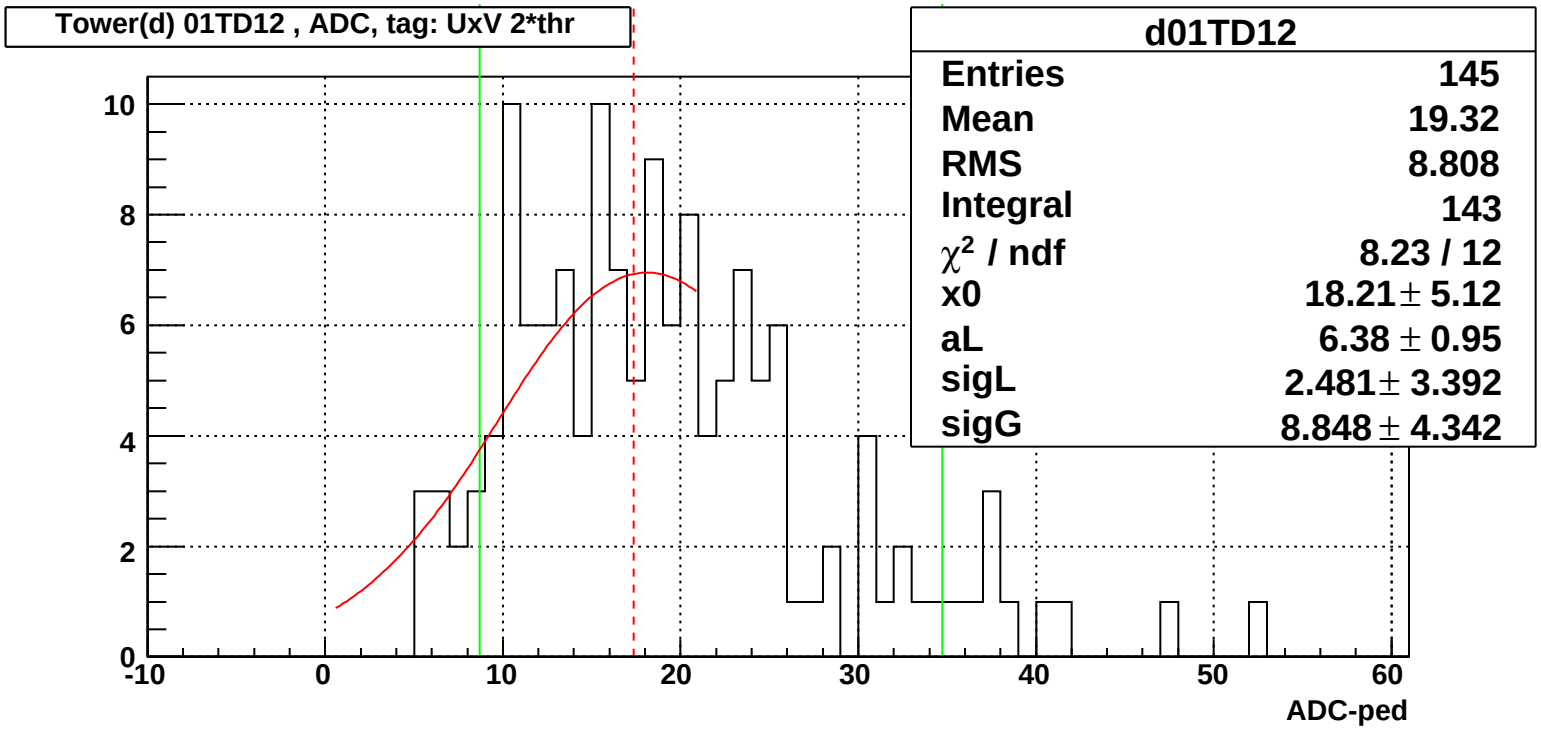

Tower(a) 01TB12 , inclusive ADC
a01TB12
Entries 1793874
Mean 0.09451
RMS 1.805
Integral 1.794e+06
χ² / ndf 1.579e+05 / 8
Constant 7.703e+05 ± 928
Mean -0.01151 ± 0.00089
Sigma 0.842 ± 0.001
ADC-ped

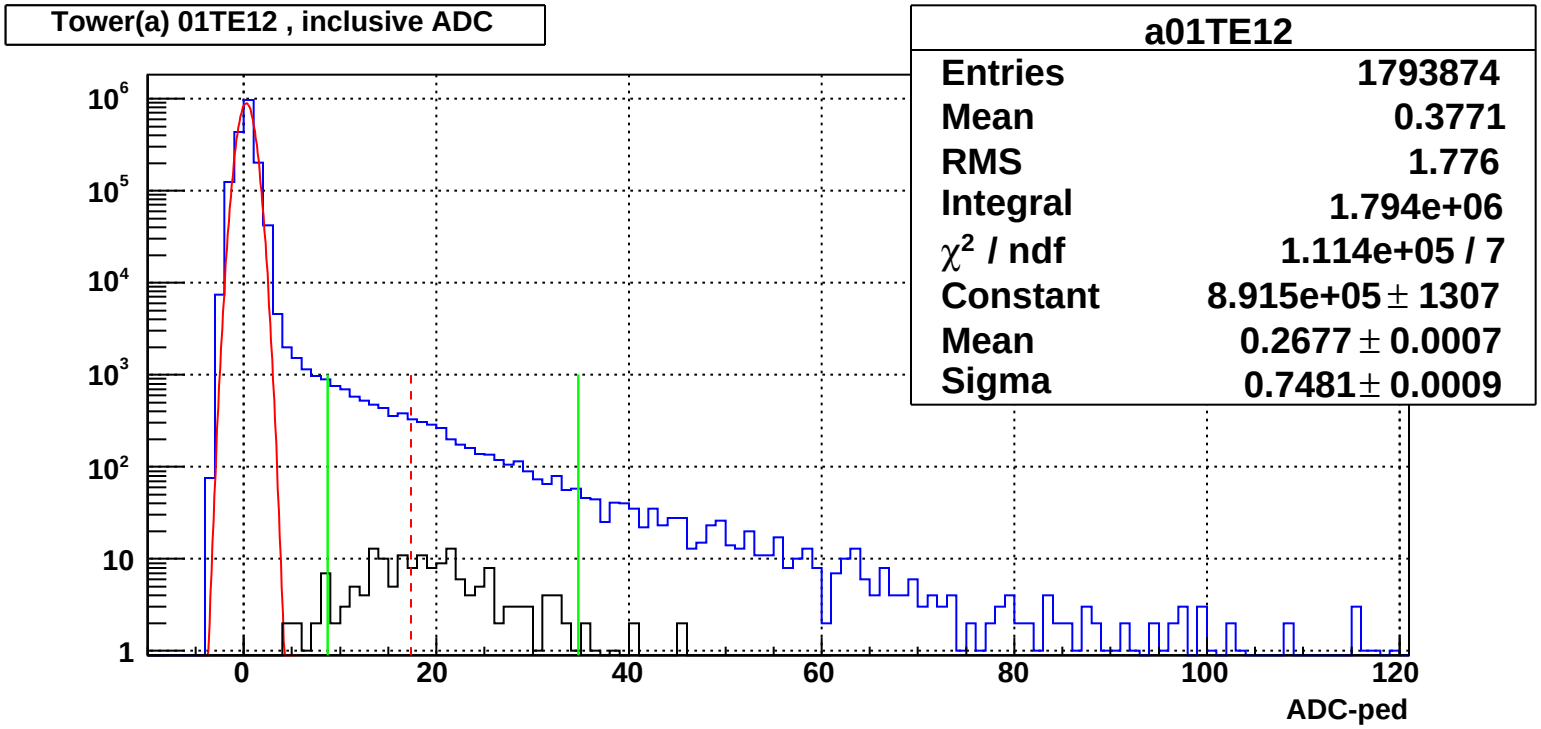

Tower(d) 01TB12 , ADC, tag: UxV 2*thr
d01TB12
Entries 112
Mean 21.68
RMS 7.515
Integral 111
χ² / ndf 8.717 / 22
x0 20.15 ± 0.17
aL 7.44 ± 4.55
sigL 3.842e+04 ± 24769458
sigG 4.389 ± 0.197
ADC-ped

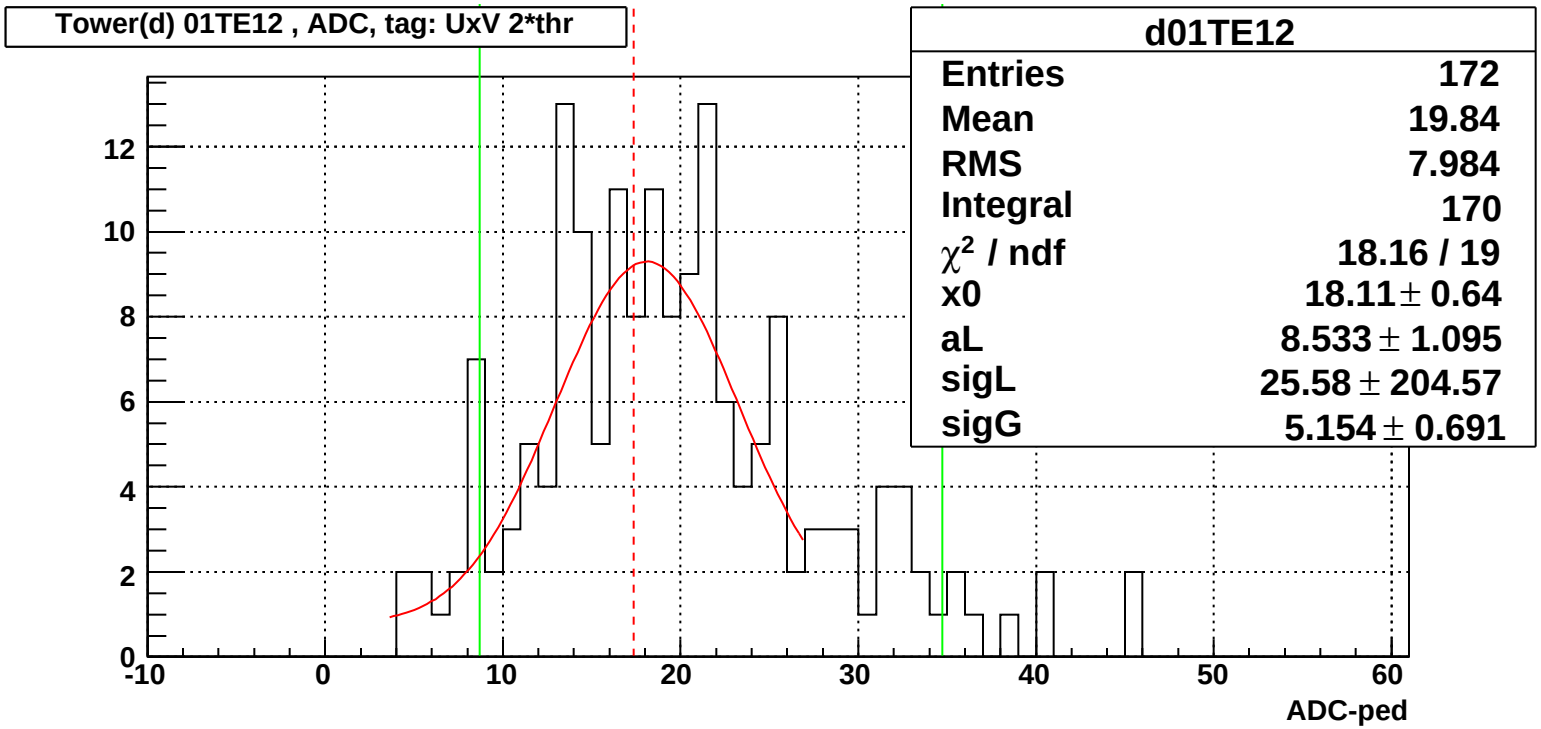

Tower(a) 01TC12 , inclusive ADC
a01TC12
Entries 1793874
Mean 0.03389
RMS 1.752
Integral 1.794e+06
χ² / ndf 1.735e+05 / 8
Constant 7.172e+05 ± 805
Mean -0.1045 ± 0.0009
Sigma 0.896 ± 0.001
ADC-ped

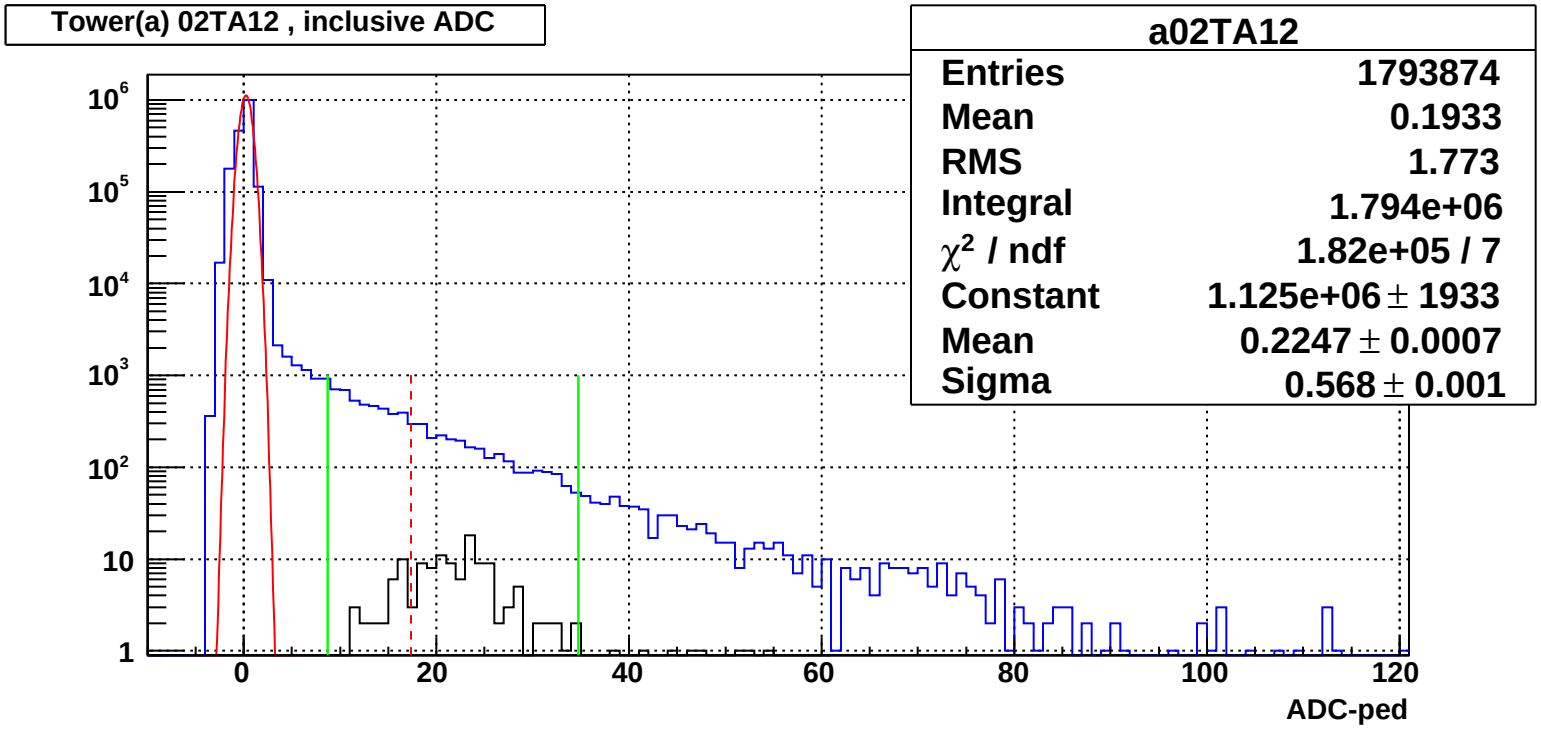

Tower(d) 01TC12 , ADC, tag: UxV 2*thr
d01TC12
Entries 109
Mean 20.27
RMS 7.094
Integral 109
χ² / ndf 19.25 / 16
x0 17.59 ± 0.57
aL 8.719 ± 1.206
sigL 1.453e+05 ± 1
sigG 3.165 ± 0.664
ADC-ped

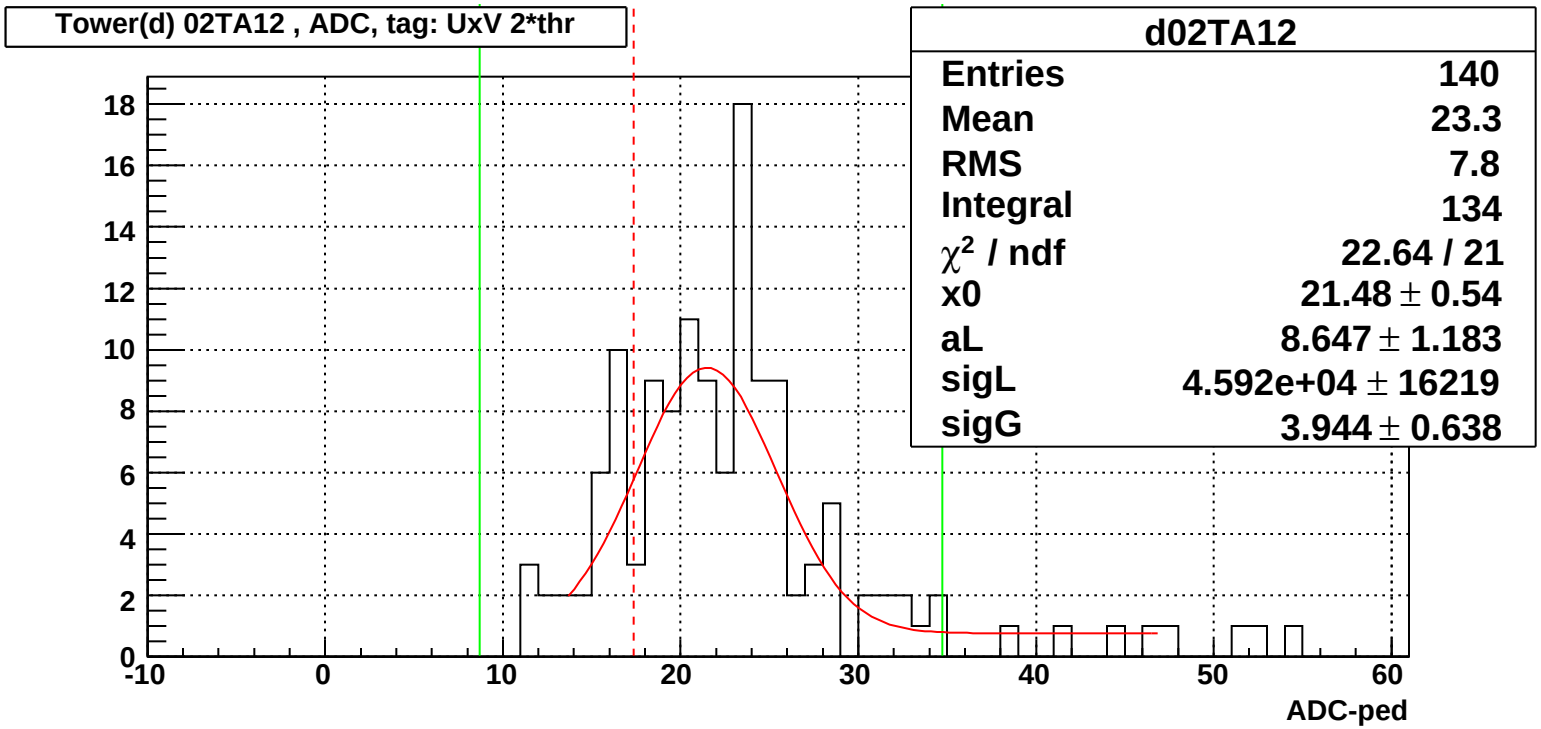

Tower(a) 01TD12 , inclusive ADC
a01TD12
Entries 1793874
Mean 0.2229
RMS 1.739
Integral 1.794e+06
χ² / ndf 1.749e+05 / 8
Constant 8.911e+05 ± 1785
Mean 0.1426 ± 0.0011
Sigma 0.7202 ± 0.0013
ADC-ped

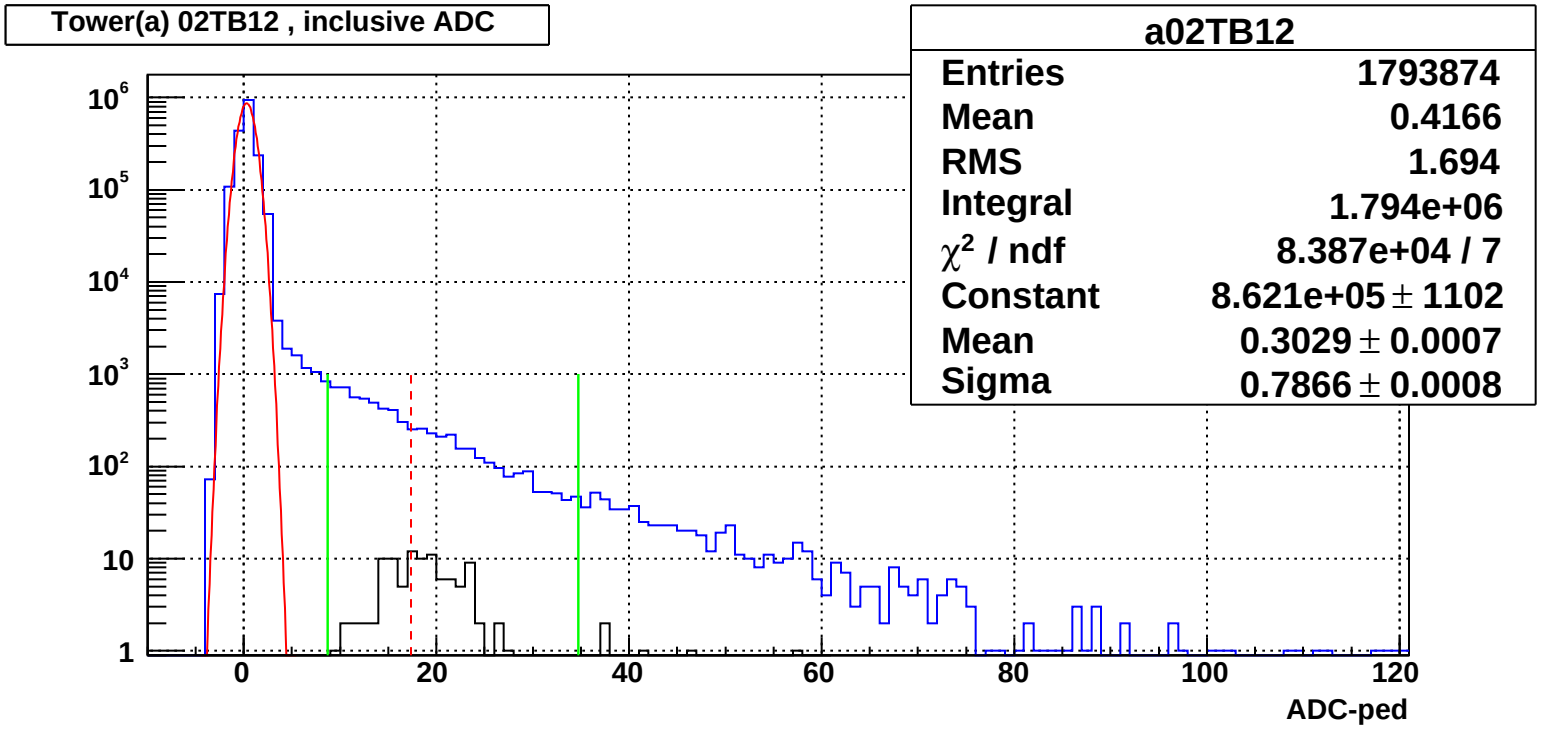

Tower(d) 01TD12 , ADC, tag: UxV 2*thr
d01TD12
Entries 145
Mean 19.32
RMS 8.808
Integral 143
χ² / ndf 8.23 / 12
x0 18.21 ± 5.12
aL 6.38 ± 0.95
sigL 2.481 ± 3.392
sigG 8.848 ± 4.342
ADC-ped

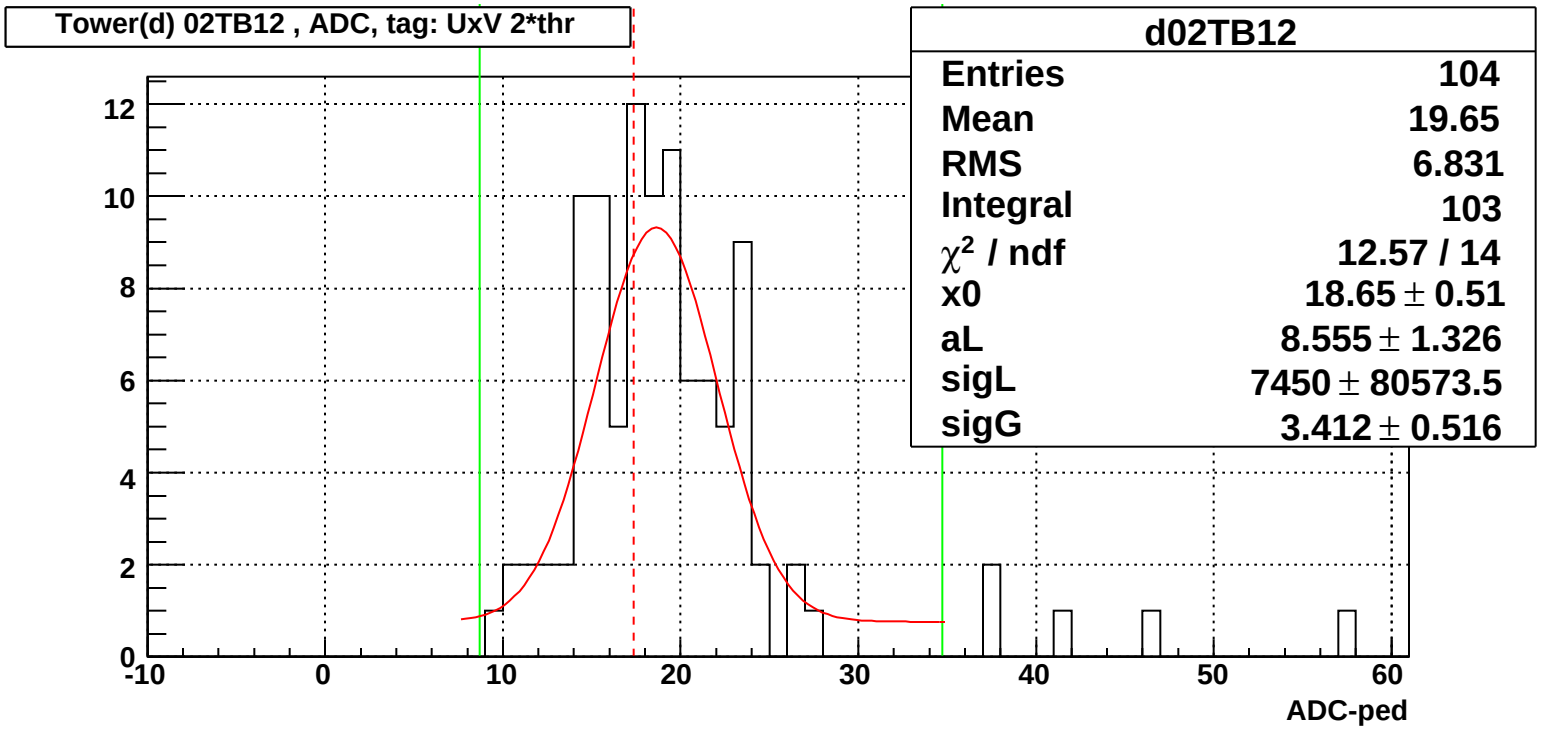

Tower(a) 01TE12 , inclusive ADC
a01TE12
Entries 1793874
Mean 0.3771
RMS 1.776
Integral 1.794e+06
χ² / ndf 1.114e+05 / 7
Constant 8.915e+05 ± 1307
Mean 0.2677 ± 0.0007
Sigma 0.7481 ± 0.0009
ADC-ped

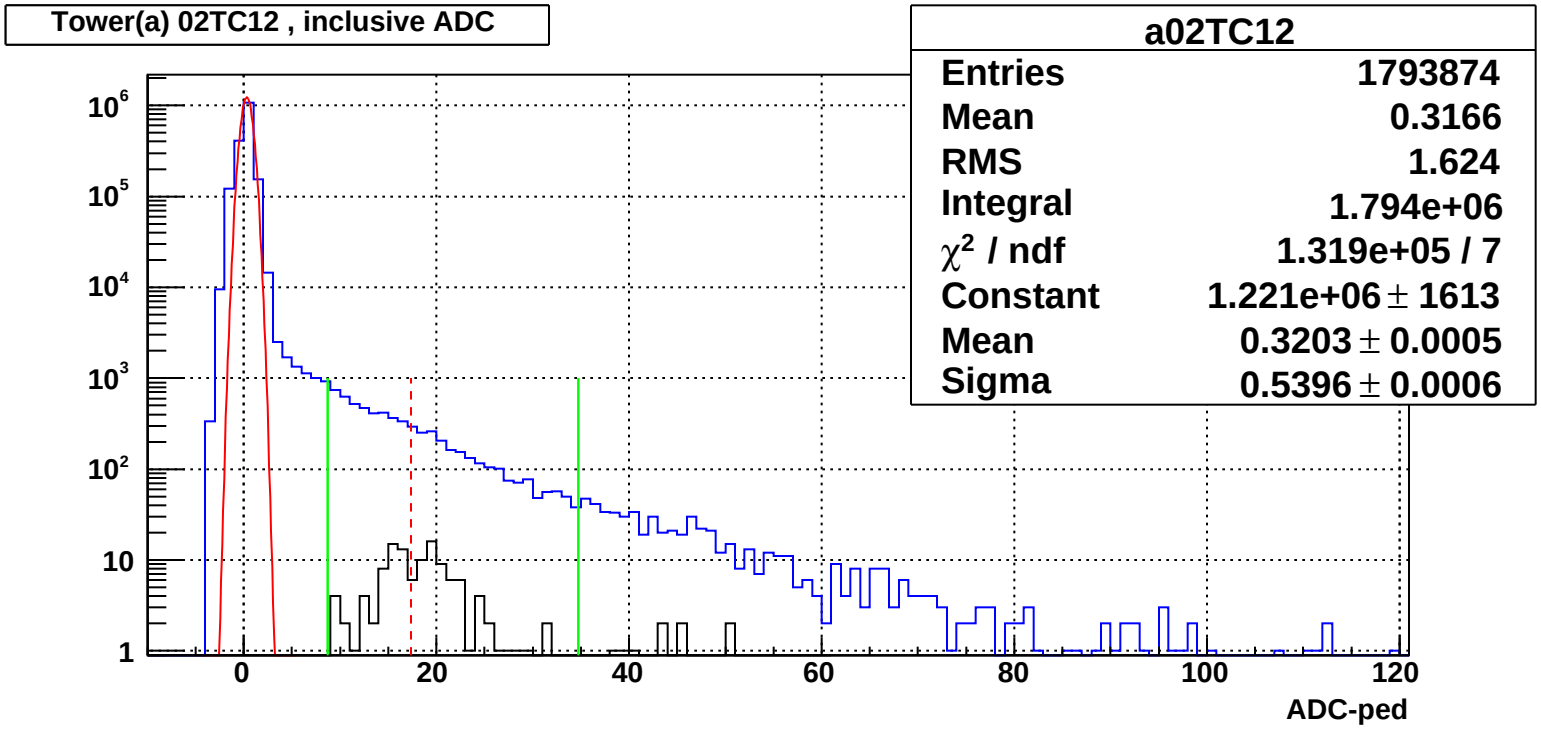

Tower(d) 01TE12 , ADC, tag: UxV 2*thr
d01TE12
Entries 172
Mean 19.84
RMS 7.984
Integral 170
χ² / ndf 18.16 / 19
x0 18.11 ± 0.64
aL 8.533 ± 1.095
sigL 25.58 ± 204.57
sigG 5.154 ± 0.691
ADC-ped

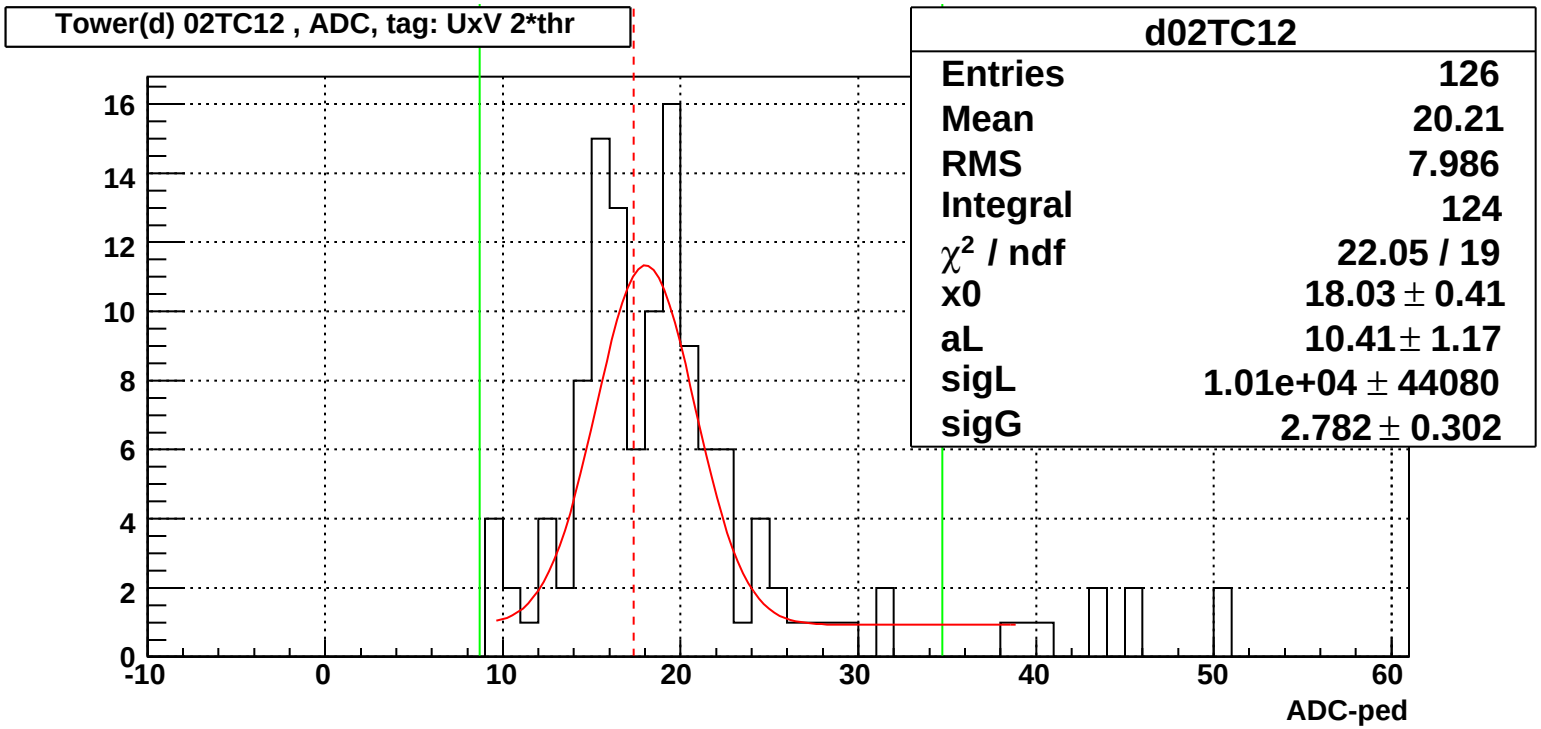

Tower(a) 02TA12 , inclusive ADC
a02TA12
Entries 1793874
Mean 0.1933
RMS 1.773
Integral 1.794e+06
χ² / ndf 1.82e+05 / 7
Constant 1.125e+06 ± 1933
Mean 0.2247 ± 0.0007
Sigma 0.568 ± 0.001
ADC-ped

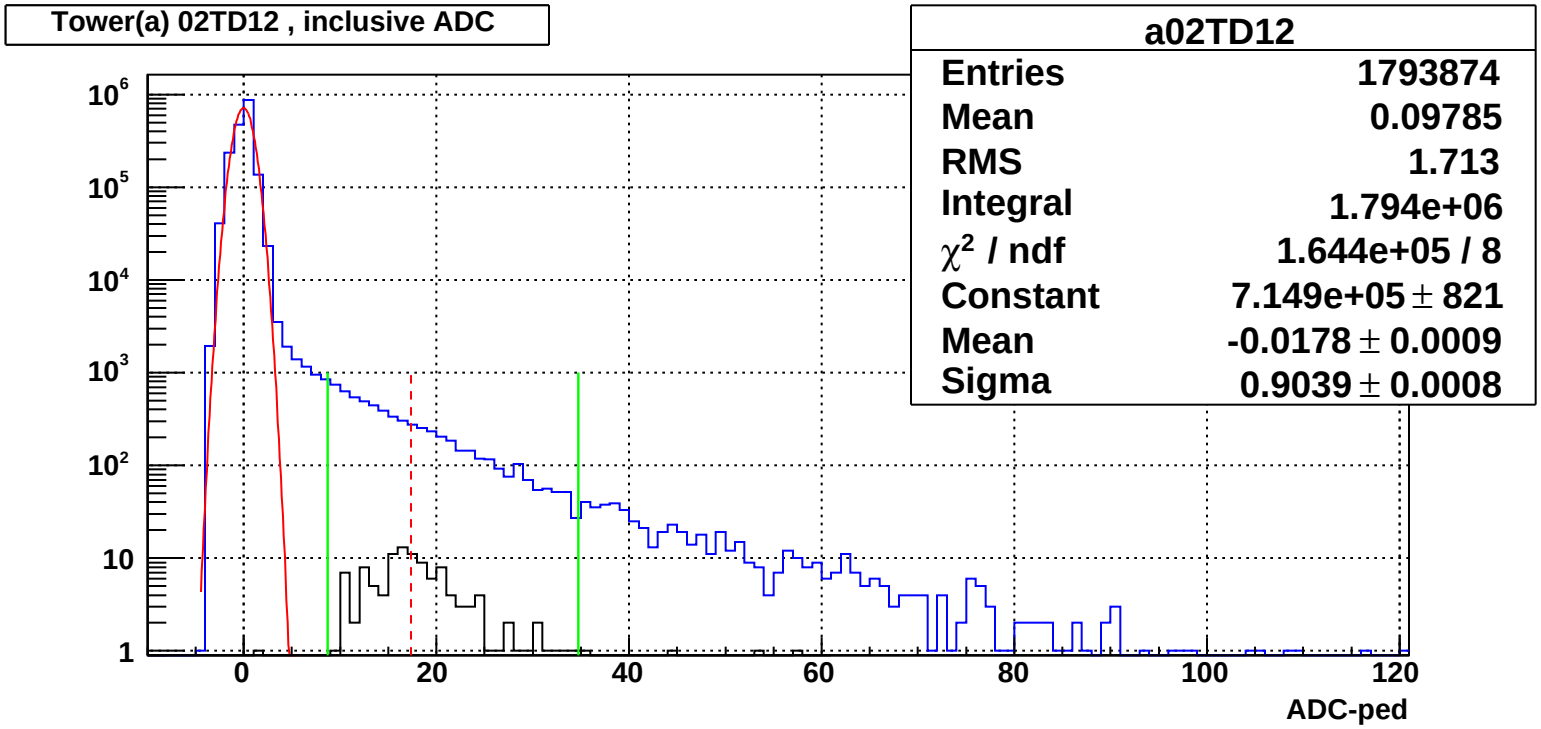

Tower(d) 02TA12 , ADC, tag: UxV 2*thr
d02TA12
Entries 140
Mean 23.3
RMS 7.8
Integral 134
χ² / ndf 22.64 / 21
x0 21.48 ± 0.54
aL 8.647 ± 1.183
sigL 4.592e+04 ± 16219
sigG 3.944 ± 0.638
ADC-ped

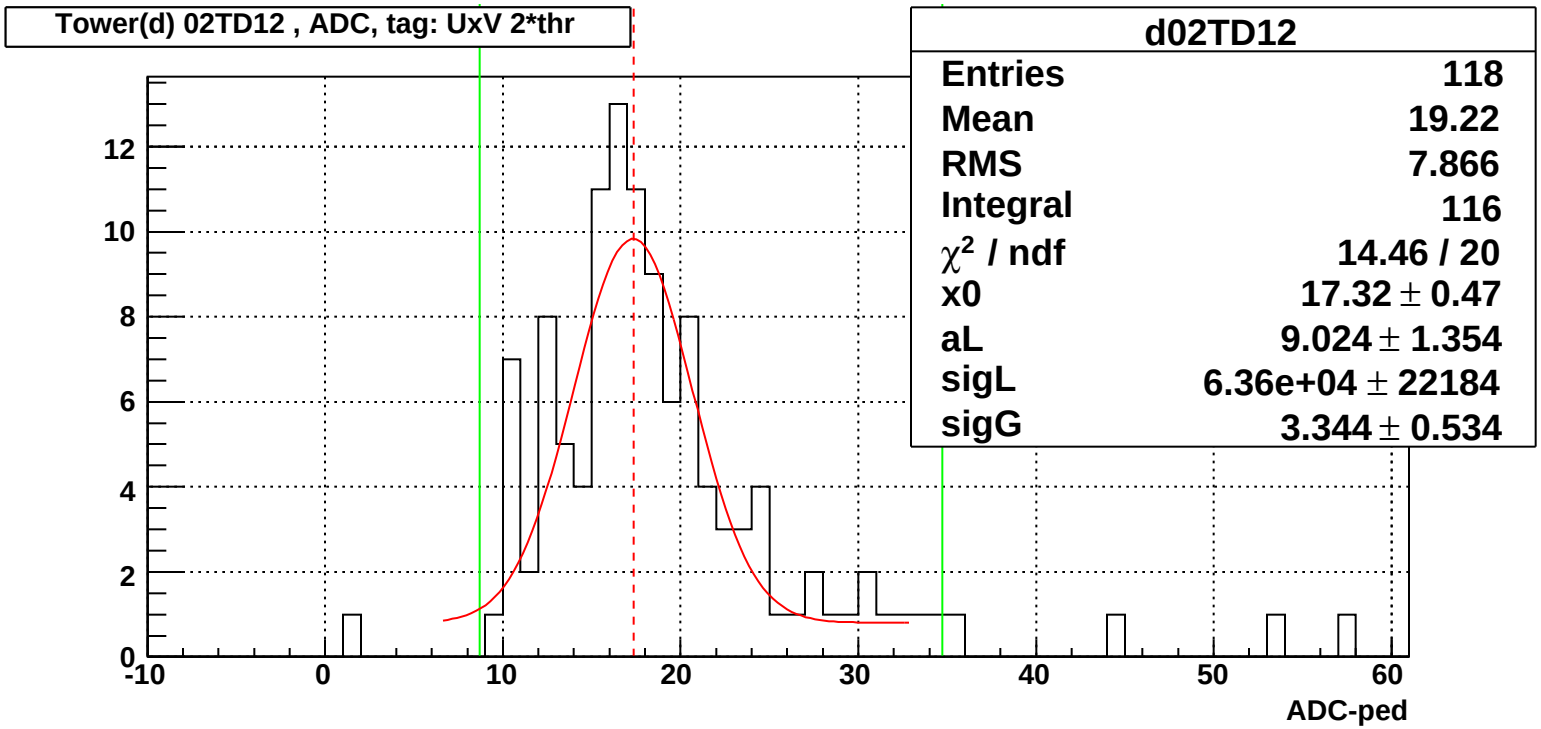

Tower(a) 02TB12 , inclusive ADC
a02TB12
Entries 1793874
Mean 0.4166
RMS 1.694
Integral 1.794e+06
χ² / ndf 8.387e+04 / 7
Constant 8.621e+05 ± 1102
Mean 0.3029 ± 0.0007
Sigma 0.7866 ± 0.0008
ADC-ped

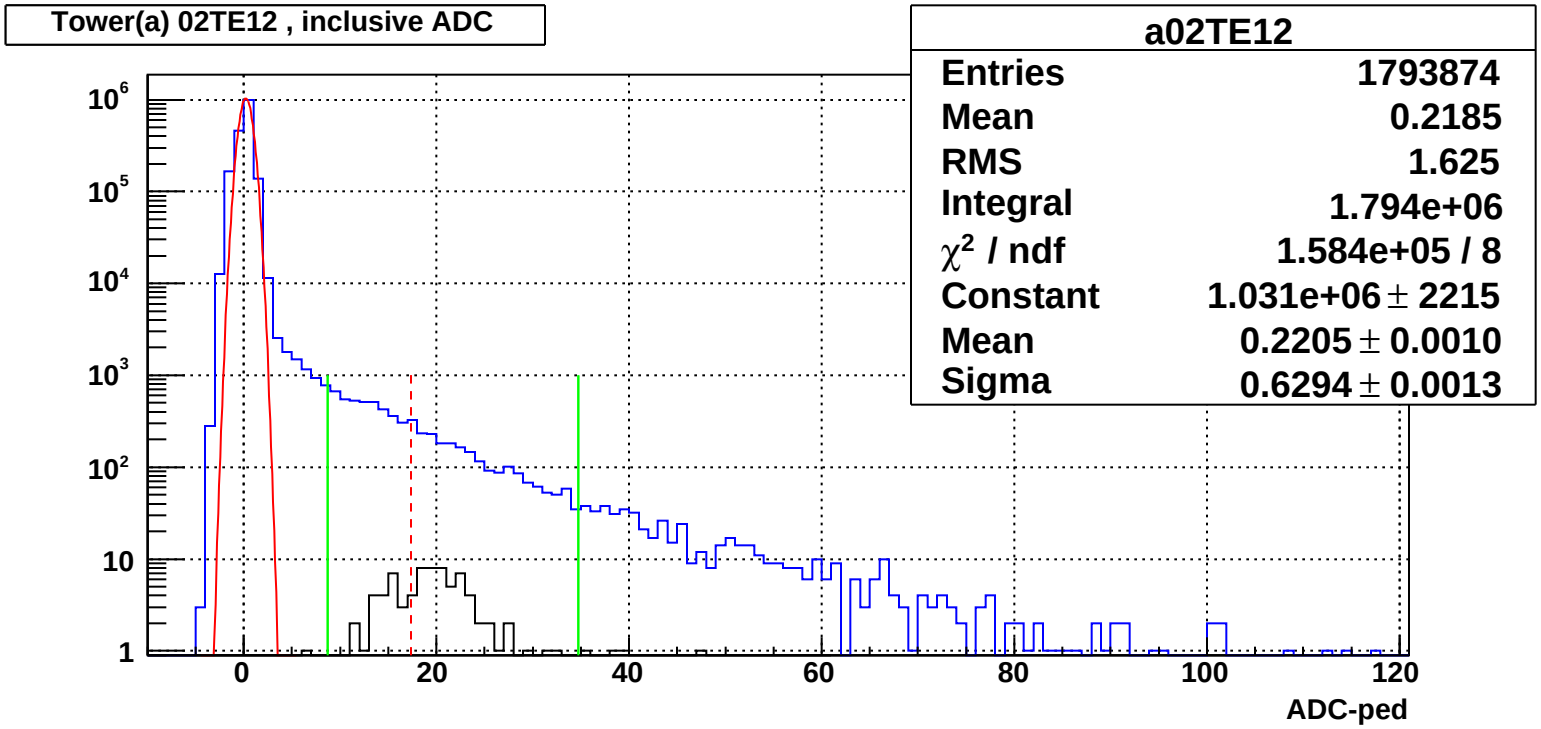

Tower(d) 02TB12 , ADC, tag: UxV 2*thr
d02TB12
Entries 104
Mean 19.65
RMS 6.831
Integral 103
χ² / ndf 12.57 / 14
x0 18.65 ± 0.51
aL 8.555 ± 1.326
sigL 7450 ± 80573.5
sigG 3.412 ± 0.516
ADC-ped

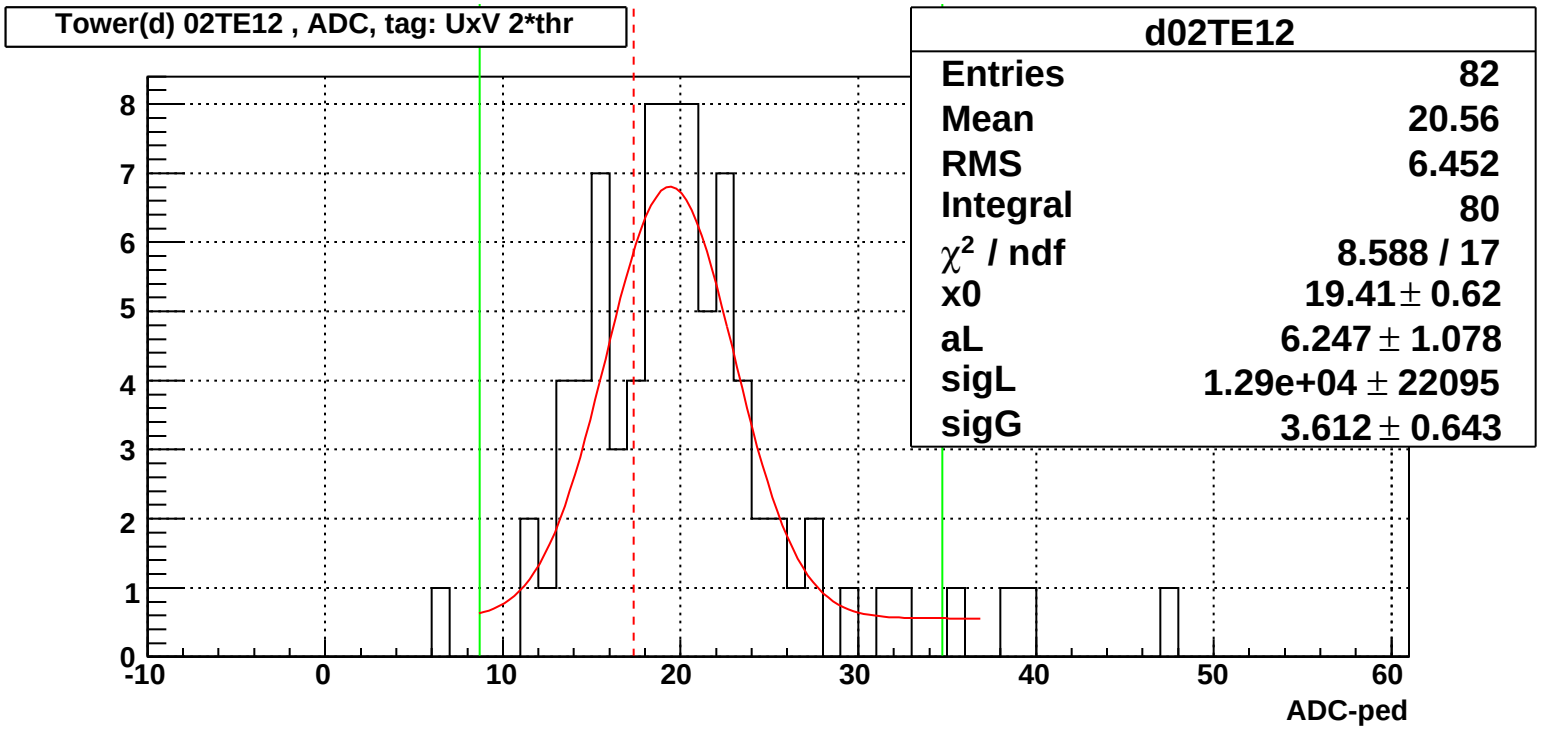

Tower(a) 02TC12 , inclusive ADC
a02TC12
Entries 1793874
Mean 0.3166
RMS 1.624
Integral 1.794e+06
χ² / ndf 1.319e+05 / 7
Constant 1.221e+06 ± 1613
Mean 0.3203 ± 0.0005
Sigma 0.5396 ± 0.0006
ADC-ped

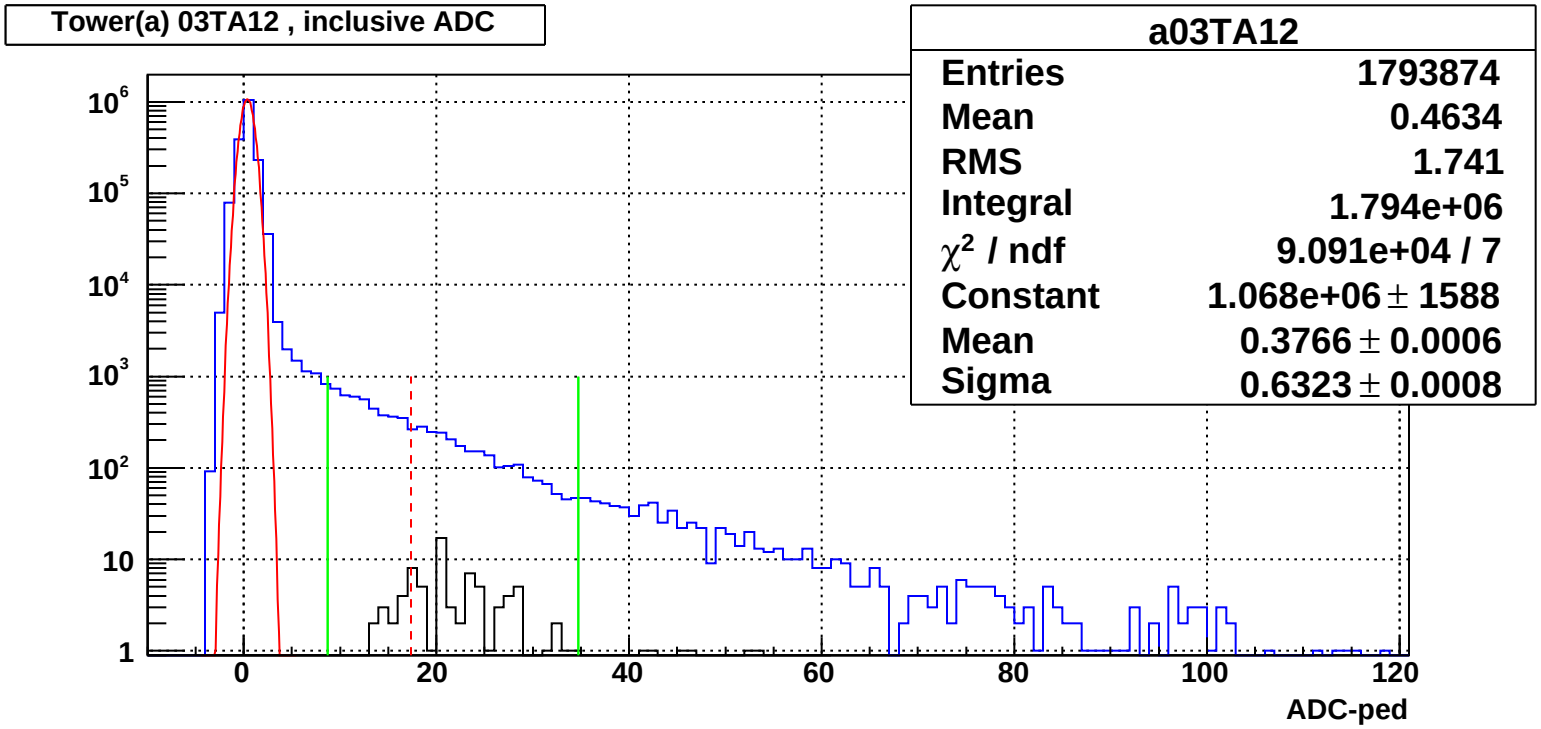

Tower(d) 02TC12 , ADC, tag: UxV 2*thr
d02TC12
Entries 126
Mean 20.21
RMS 7.986
Integral 124
χ² / ndf 22.05 / 19
x0 18.03 ± 0.41
aL 10.41 ± 1.17
sigL 1.01e+04 ± 44080
sigG 2.782 ± 0.302
ADC-ped

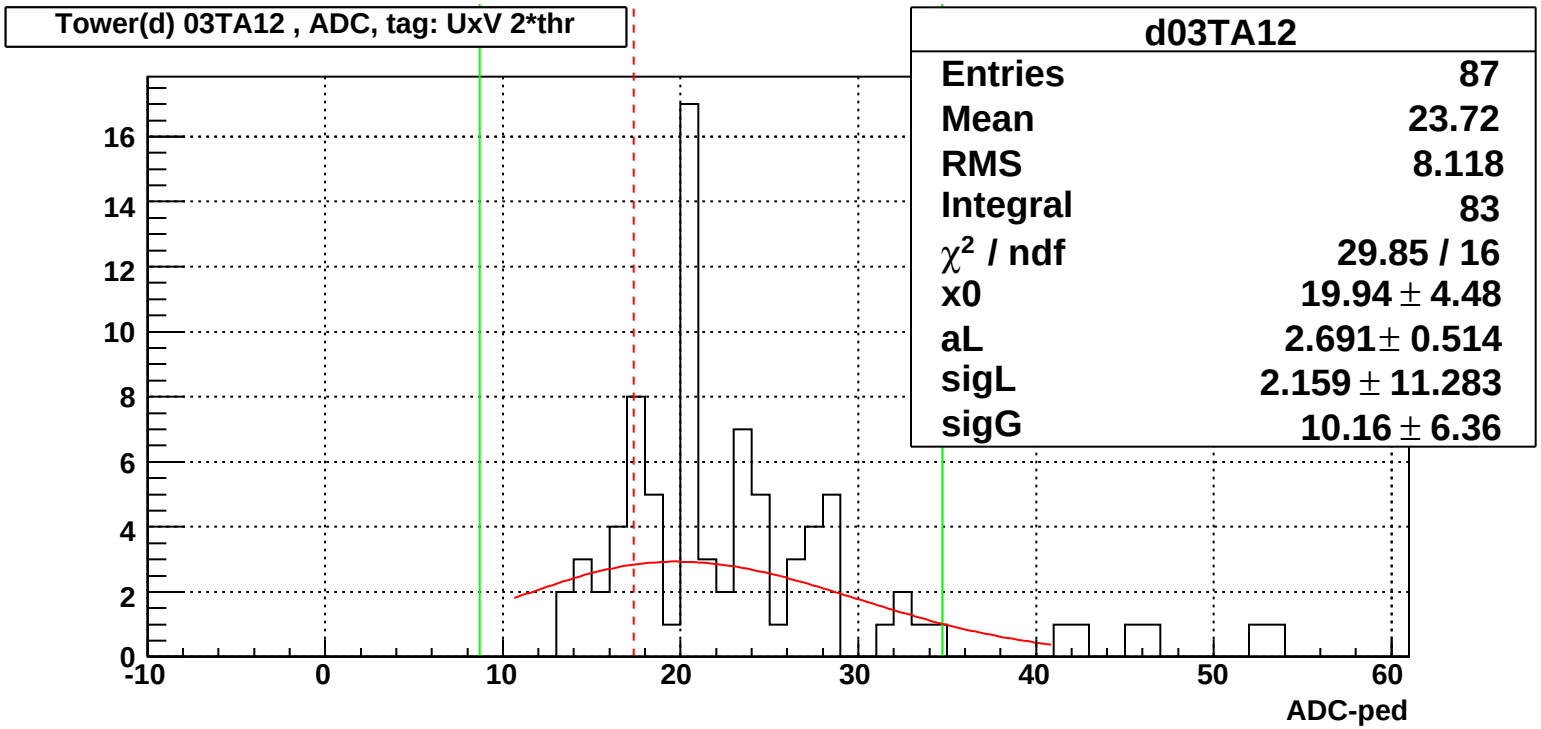

Tower(a) 02TD12 , inclusive ADC
a02TD12
Entries 1793874
Mean 0.09785
RMS 1.713
Integral 1.794e+06
χ² / ndf 1.644e+05 / 8
Constant 7.149e+05 ± 821
Mean -0.0178 ± 0.0009
Sigma 0.9039 ± 0.0008
ADC-ped

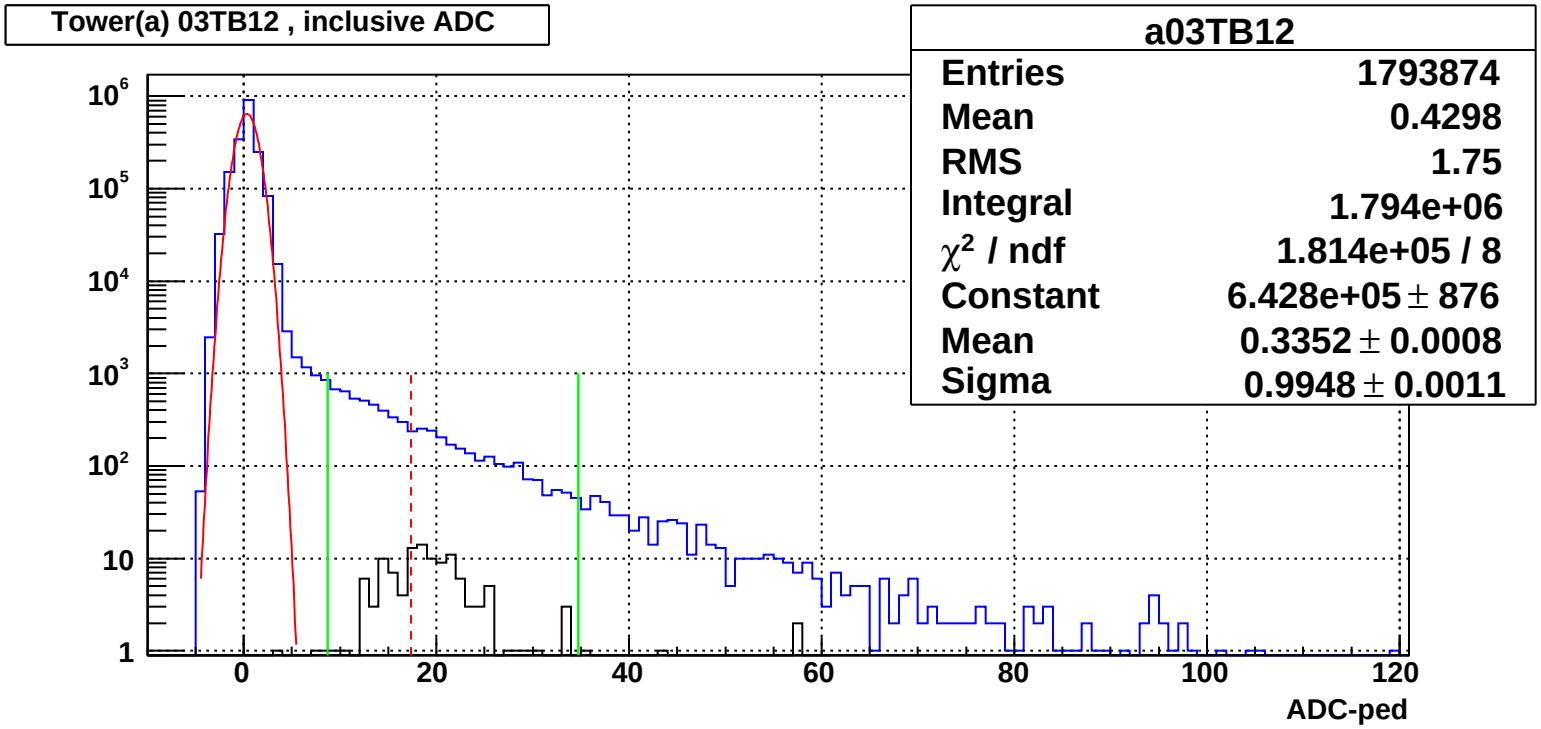

Tower(d) 02TD12 , ADC, tag: UxV 2*thr
d02TD12
Entries 118
Mean 19.22
RMS 7.866
Integral 116
χ² / ndf 14.46 / 20
x0 17.32 ± 0.47
aL 9.024 ± 1.354
sigL 6.36e+04 ± 22184
sigG 3.344 ± 0.534
ADC-ped

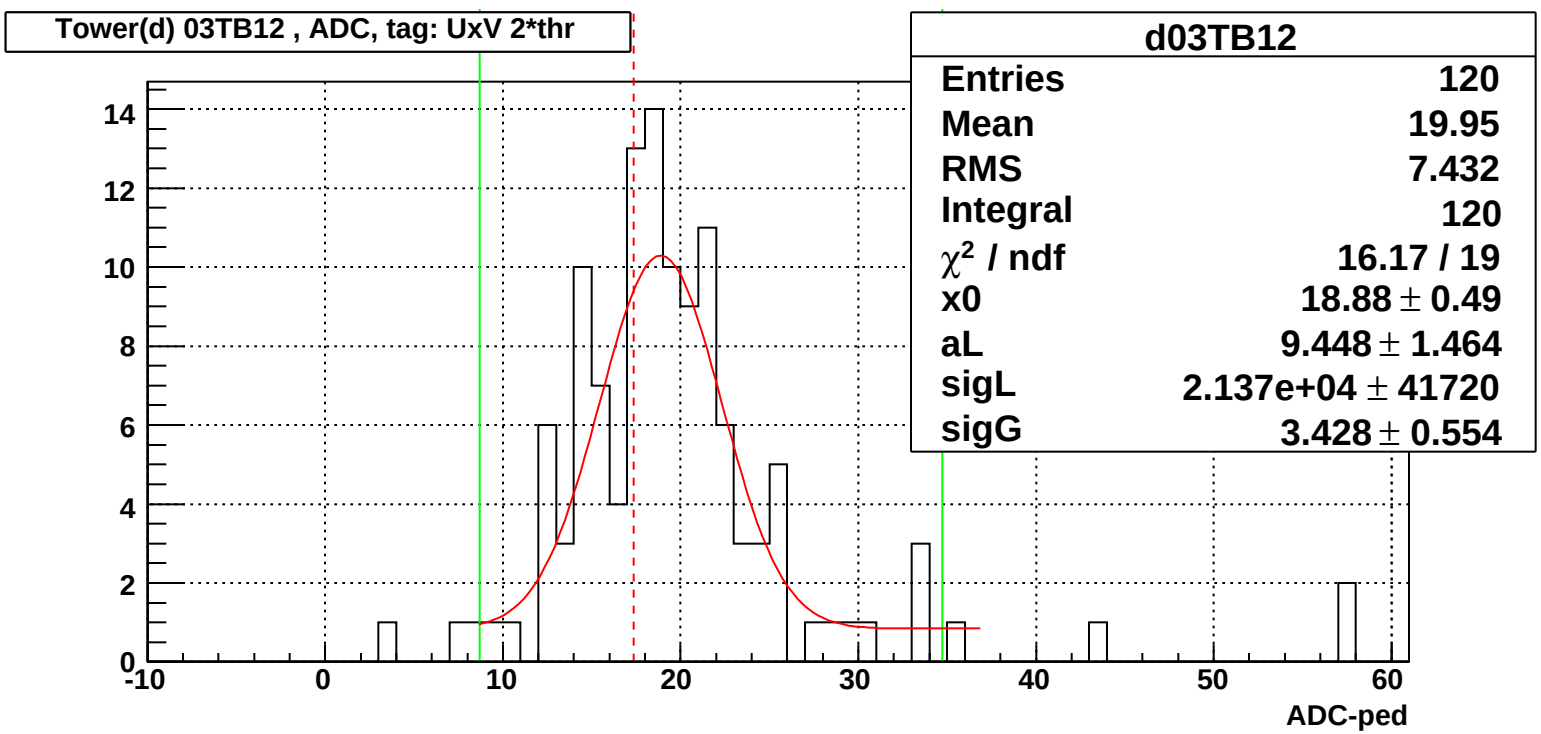

Tower(a) 02TE12 , inclusive ADC
a02TE12
Entries 1793874
Mean 0.2185
RMS 1.625
Integral 1.794e+06
χ² / ndf 1.584e+05 / 8
Constant 1.031e+06 ± 2215
Mean 0.2205 ± 0.0010
Sigma 0.6294 ± 0.0013
ADC-ped

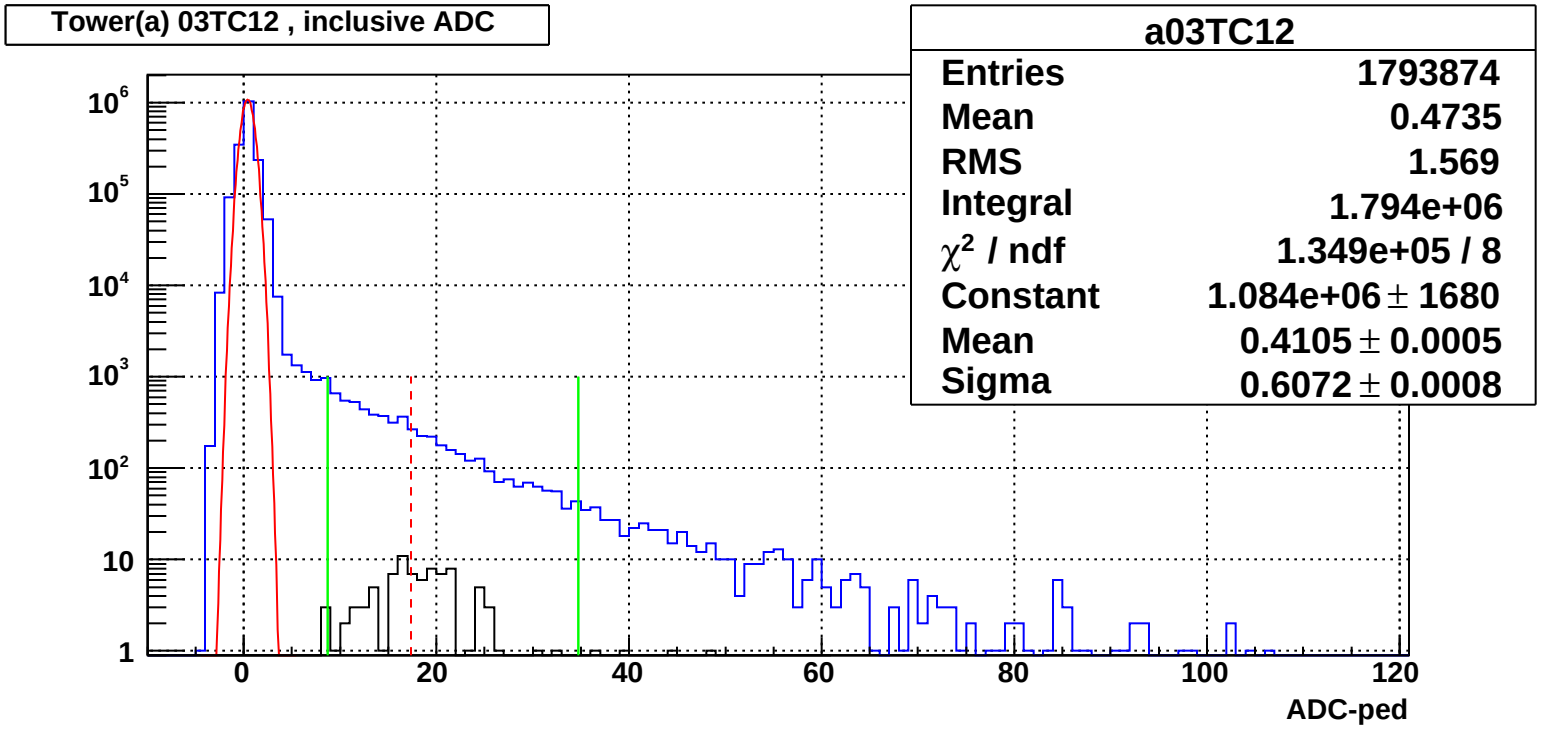

Tower(d) 02TE12 , ADC, tag: UxV 2*thr
d02TE12
Entries 82
Mean 20.56
RMS 6.452
Integral 80
χ² / ndf 8.588 / 17
x0 19.41 ± 0.62
aL 6.247 ± 1.078
sigL 1.29e+04 ± 22095
sigG 3.612 ± 0.643
ADC-ped

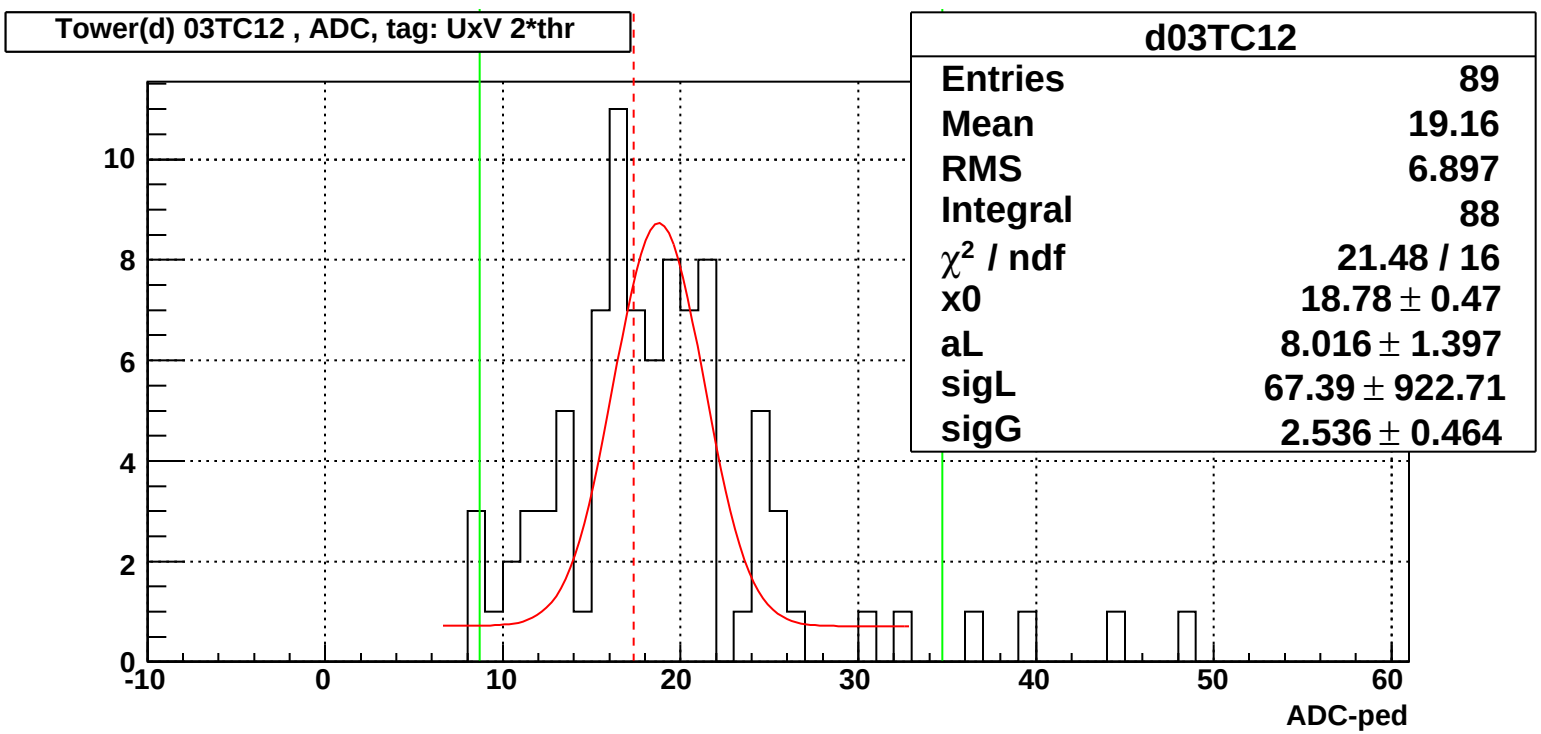

Tower(a) 03TA12 , inclusive ADC
a03TA12
Entries 1793874
Mean 0.4634
RMS 1.741
Integral 1.794e+06
χ² / ndf 9.091e+04 / 7
Constant 1.068e+06 ± 1588
Mean 0.3766 ± 0.0006
Sigma 0.6323 ± 0.0008
ADC-ped

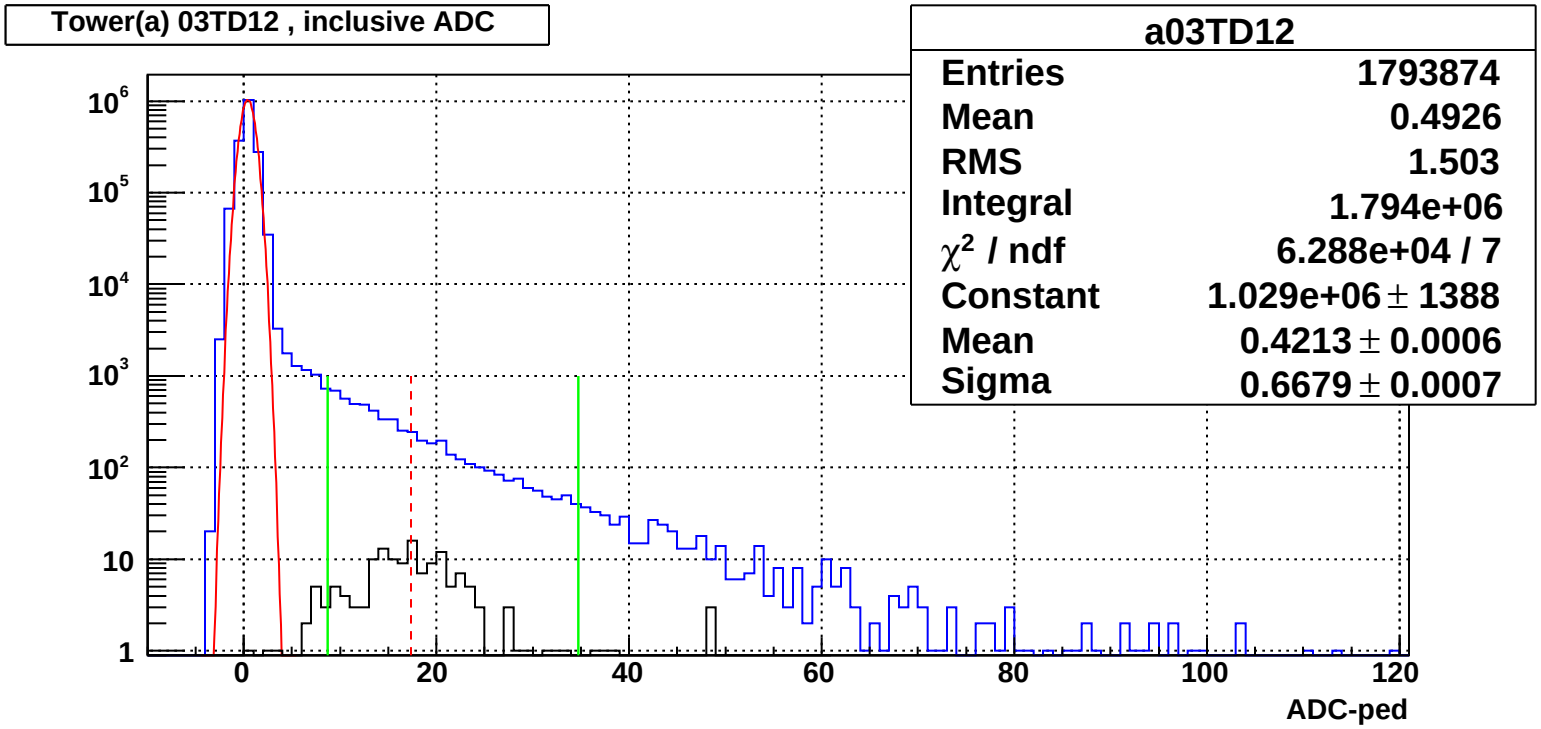

Tower(d) 03TA12 , ADC, tag: UxV 2*thr
d03TA12
Entries 87
Mean 23.72
RMS 8.118
Integral 83
χ² / ndf 29.85 / 16
x0 19.94 ± 4.48
aL 2.691 ± 0.514
sigL 2.159 ± 11.283
sigG 10.16 ± 6.36
ADC-ped

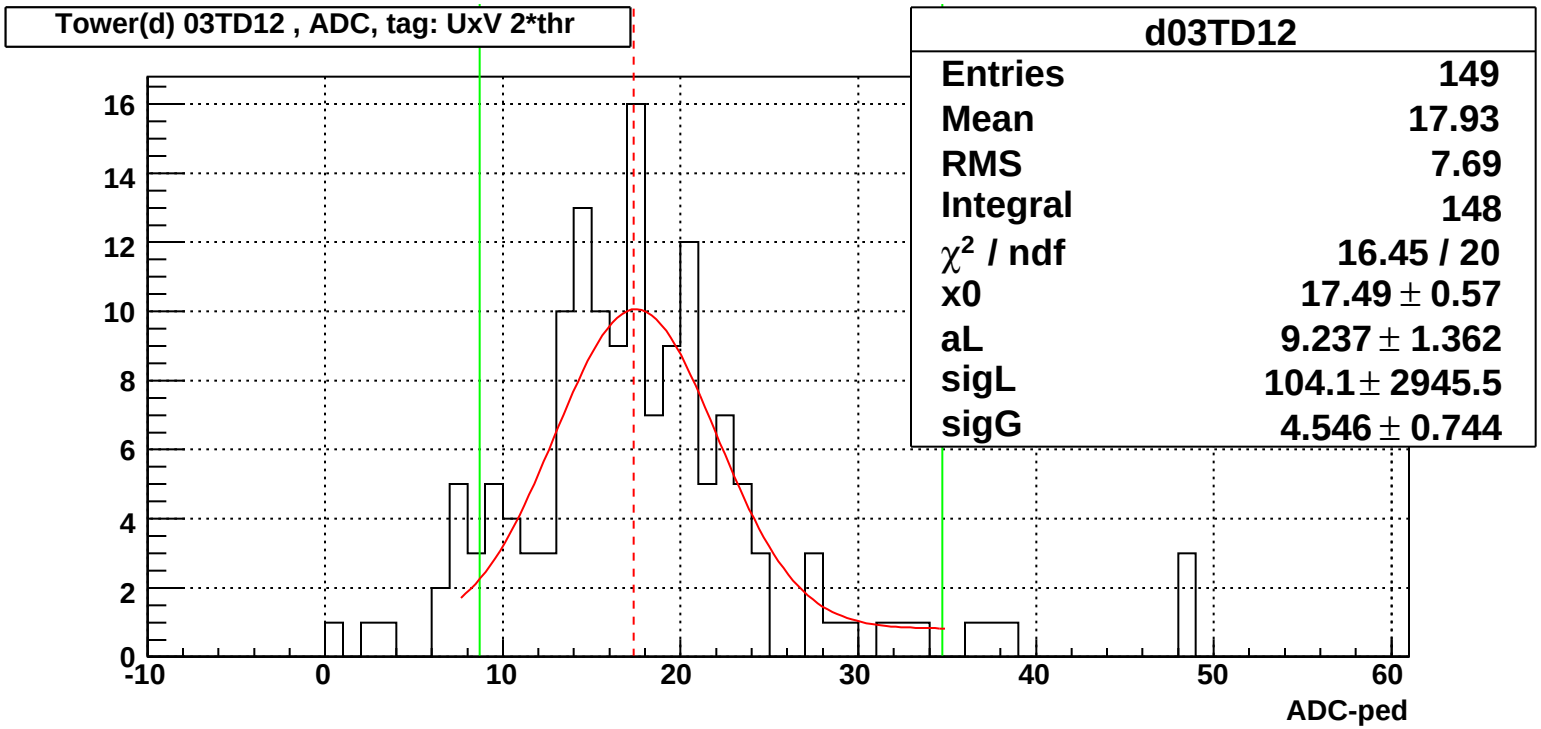

Tower(a) 03TB12 , inclusive ADC
a03TB12
Entries 1793874
Mean 0.4298
RMS 1.75
Integral 1.794e+06
χ² / ndf 1.814e+05 / 8
Constant 6.428e+05 ± 876
Mean 0.3352 ± 0.0008
Sigma 0.9948 ± 0.0011
ADC-ped

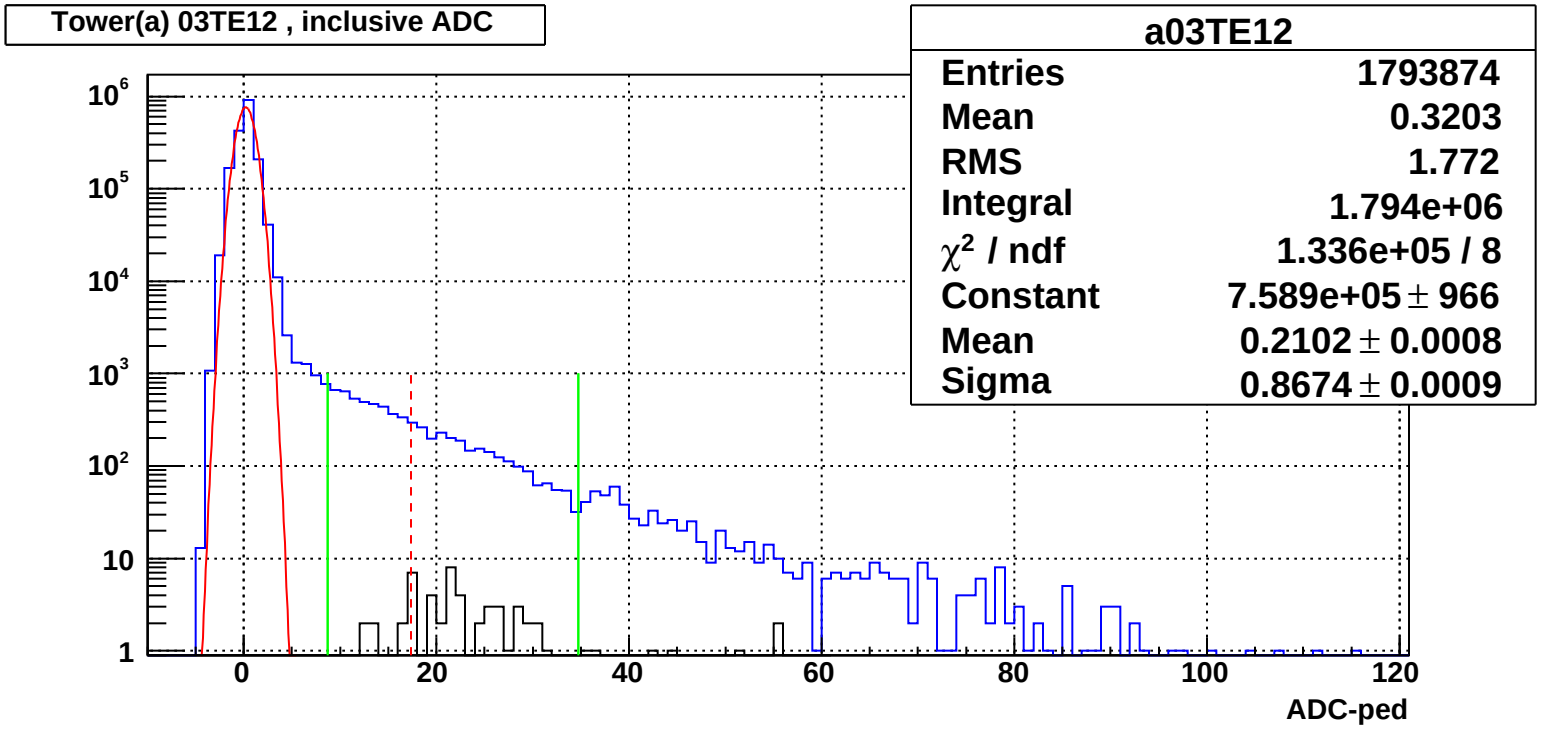

Tower(d) 03TB12 , ADC, tag: UxV 2*thr
d03TB12
Entries 120
Mean 19.95
RMS 7.432
Integral 120
χ² / ndf 16.17 / 19
x0 18.88 ± 0.49
aL 9.448 ± 1.464
sigL 2.137e+04 ± 41720
sigG 3.428 ± 0.554
ADC-ped

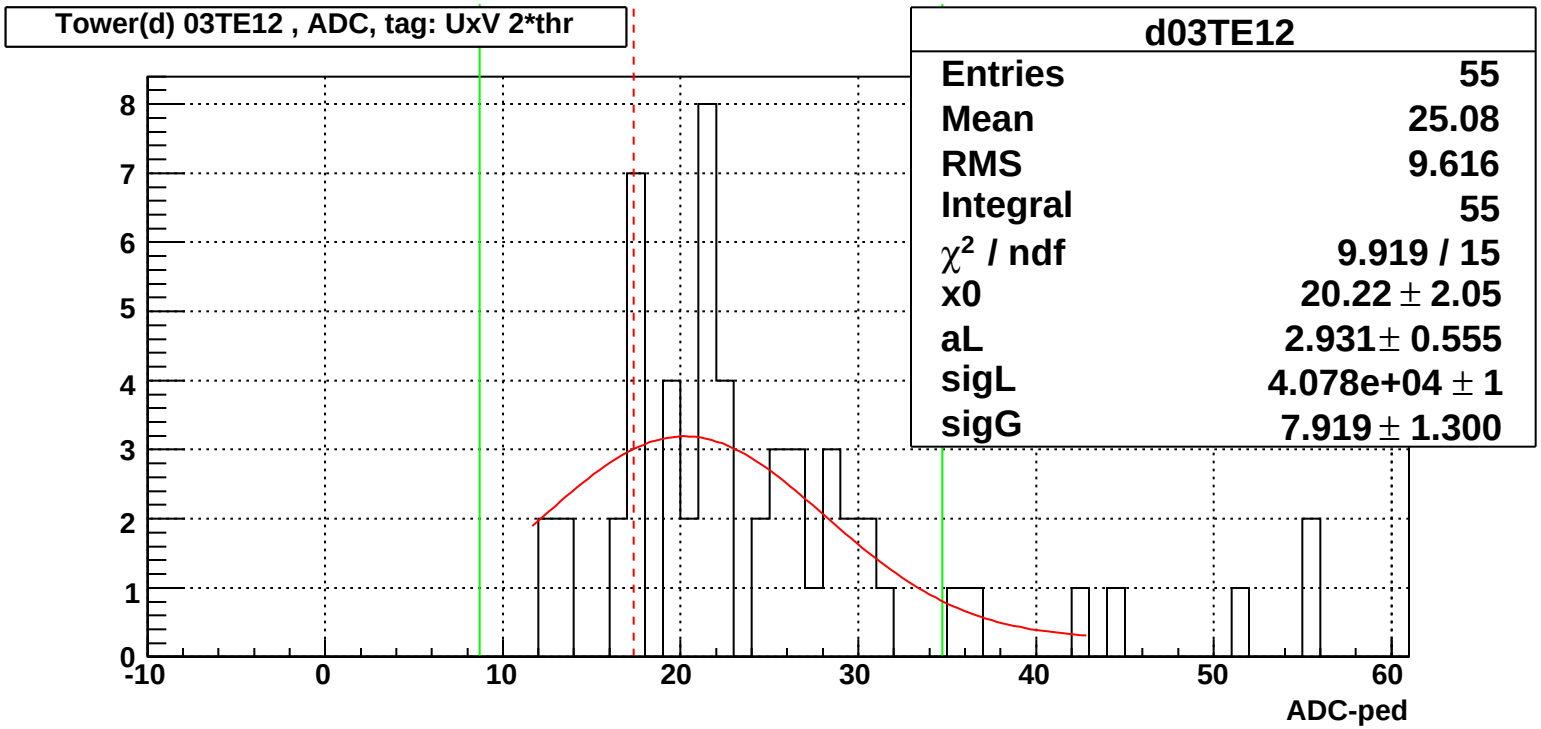

Tower(a) 03TC12 , inclusive ADC
a03TC12
Entries 1793874
Mean 0.4735
RMS 1.569
Integral 1.794e+06
χ² / ndf 1.349e+05 / 8
Constant 1.084e+06 ± 1680
Mean 0.4105 ± 0.0005
Sigma 0.6072 ± 0.0008
ADC-ped

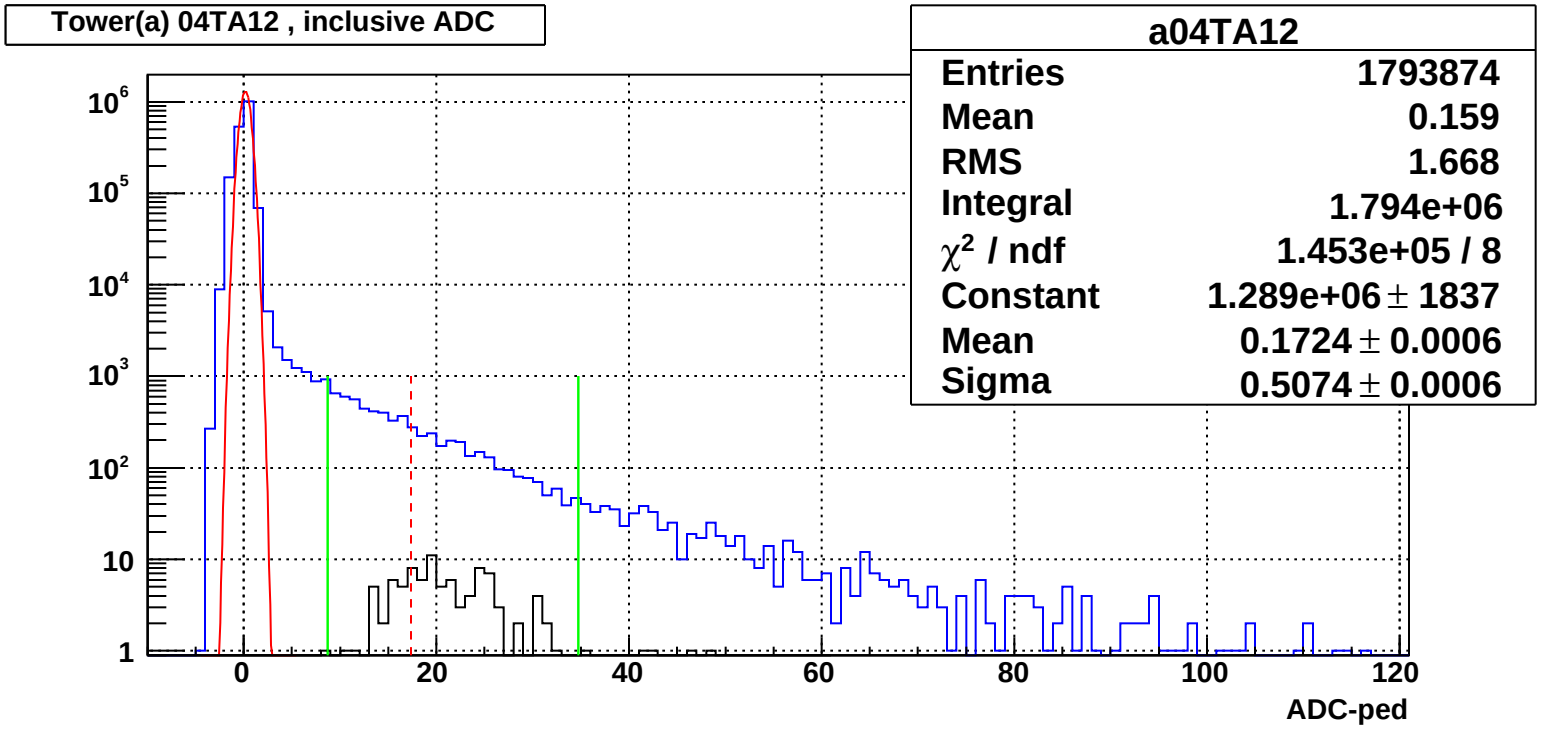

Tower(d) 03TC12 , ADC, tag: UxV 2*thr
d03TC12
Entries 89
Mean 19.16
RMS 6.897
Integral 88
χ² / ndf 21.48 / 16
x0 18.78 ± 0.47
aL 8.016 ± 1.397
sigL 67.39 ± 922.71
sigG 2.536 ± 0.464
ADC-ped

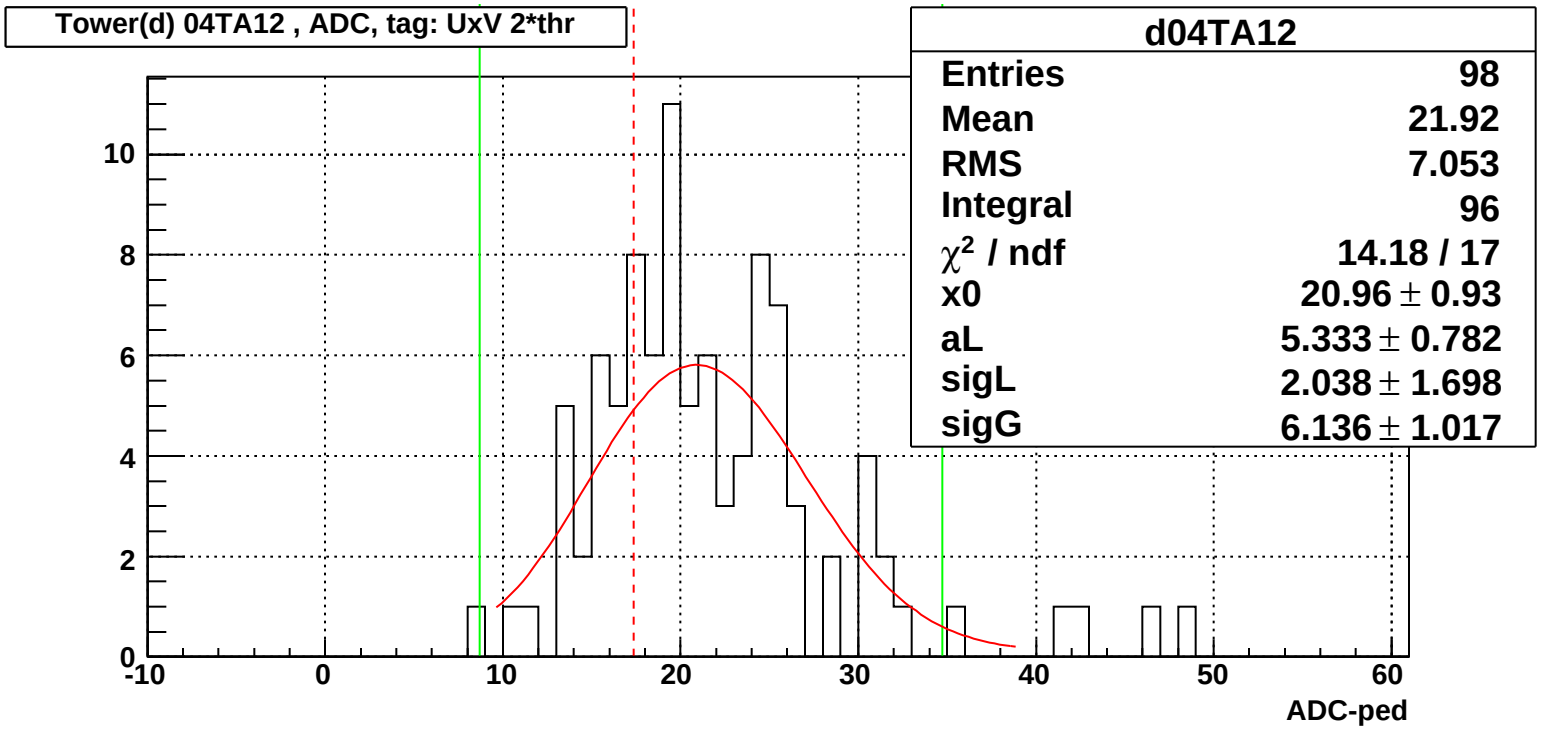

Tower(a) 03TD12 , inclusive ADC
a03TD12
Entries 1793874
Mean 0.4926
RMS 1.503
Integral 1.794e+06
χ² / ndf 6.288e+04 / 7
Constant 1.029e+06 ± 1388
Mean 0.4213 ± 0.0006
Sigma 0.6679 ± 0.0007
ADC-ped

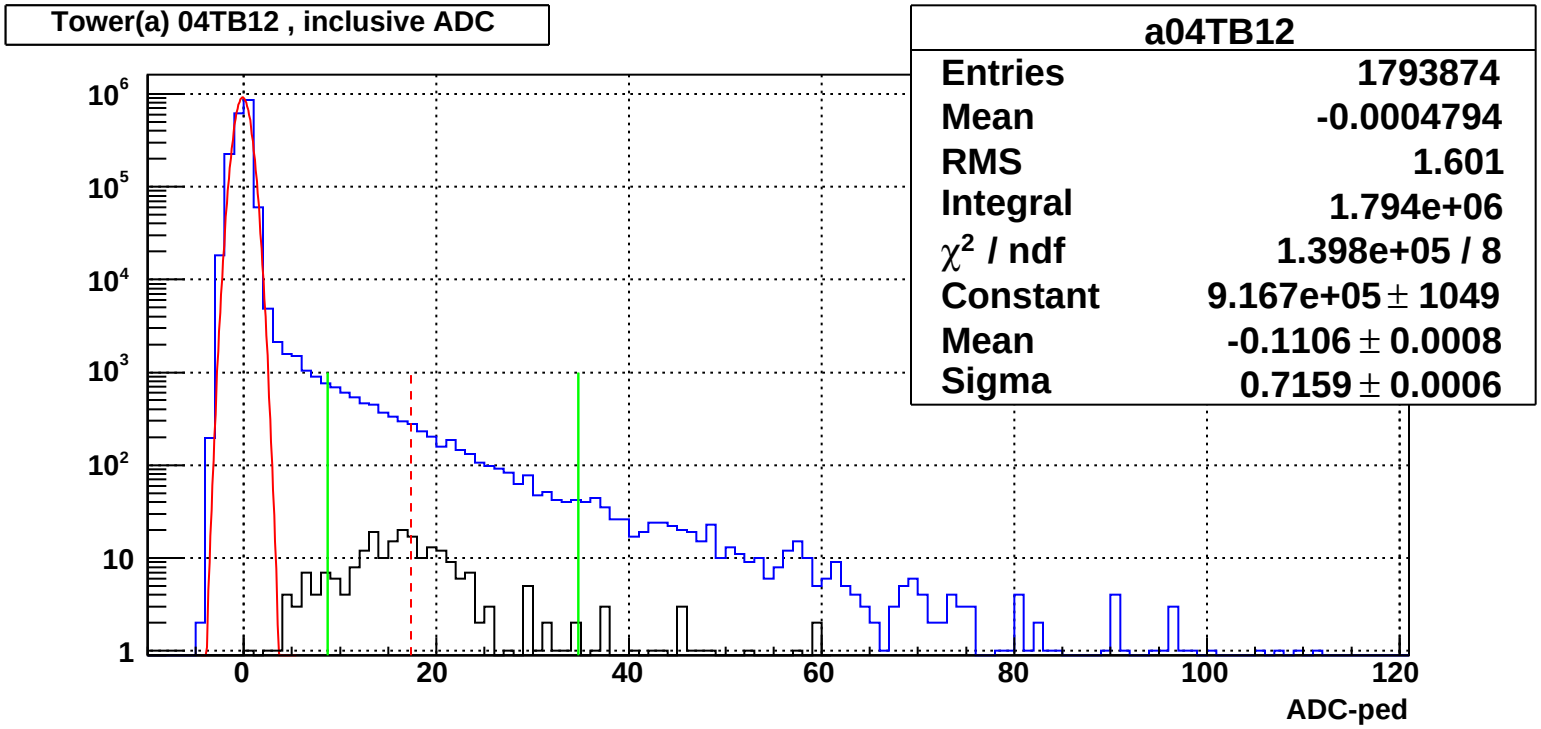

Tower(d) 03TD12 , ADC, tag: UxV 2*thr
d03TD12
Entries 149
Mean 17.93
RMS 7.69
Integral 148
χ² / ndf 16.45 / 20
x0 17.49 ± 0.57
aL 9.237 ± 1.362
sigL 104.1 ± 2945.5
sigG 4.546 ± 0.744
ADC-ped

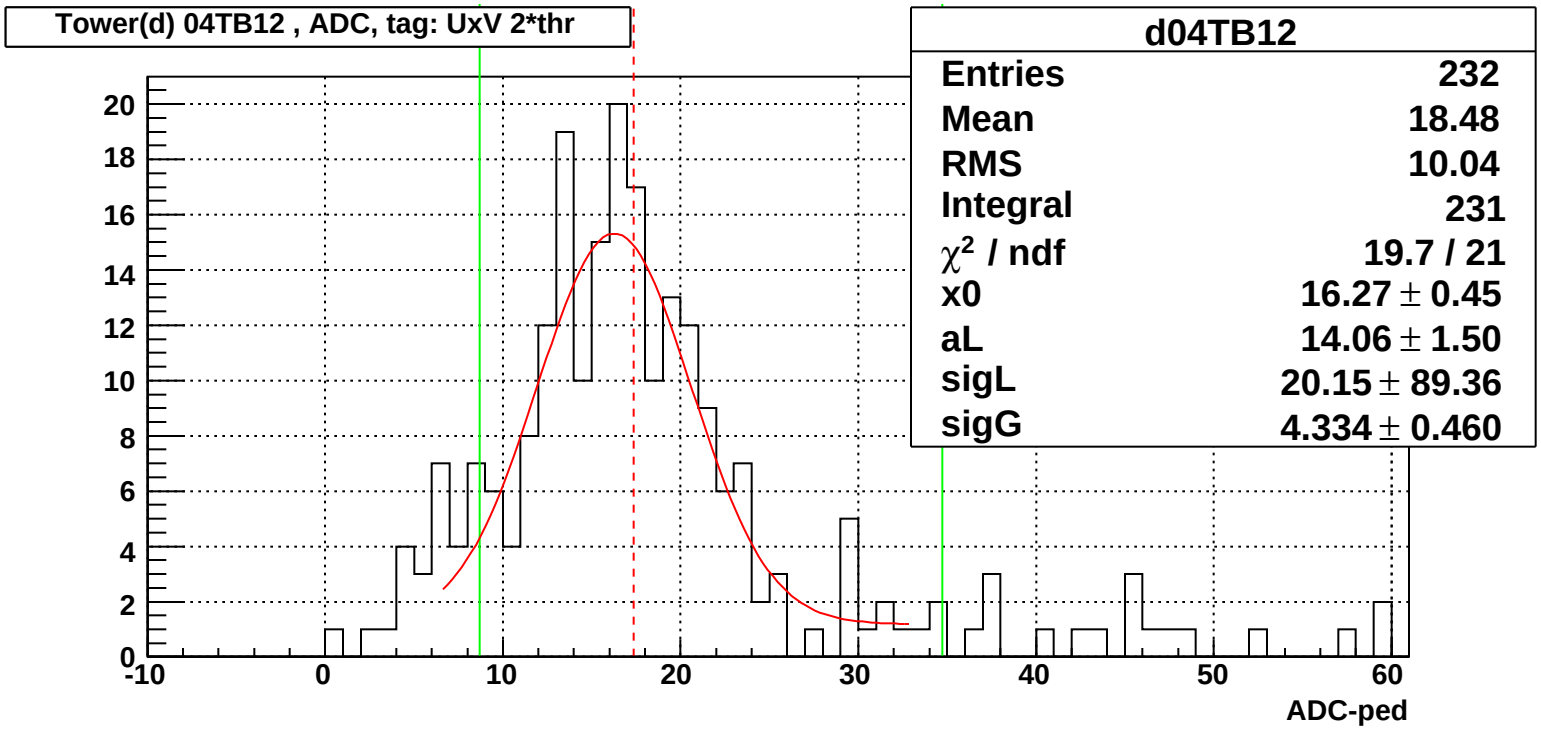

Tower(a) 03TE12 , inclusive ADC
a03TE12
Entries 1793874
Mean 0.3203
RMS 1.772
Integral 1.794e+06
χ² / ndf 1.336e+05 / 8
Constant 7.589e+05 ± 966
Mean 0.2102 ± 0.0008
Sigma 0.8674 ± 0.0009
ADC-ped

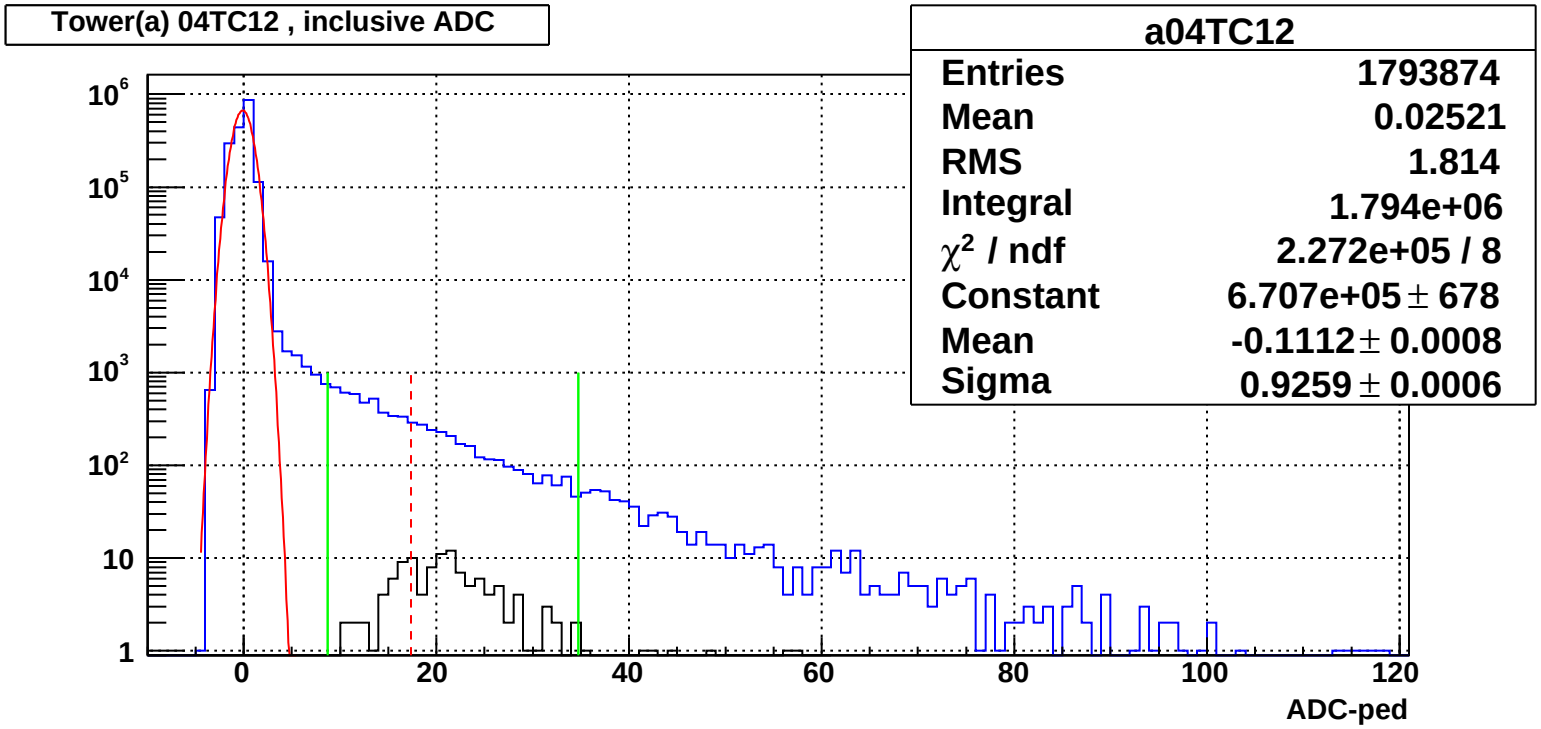

Tower(d) 03TE12 , ADC, tag: UxV 2*thr
d03TE12
Entries 55
Mean 25.08
RMS 9.616
Integral 55
χ² / ndf 9.919 / 15
x0 20.22 ± 2.05
aL 2.931 ± 0.555
sigL 4.078e+04 ± 1
sigG 7.919 ± 1.300
ADC-ped

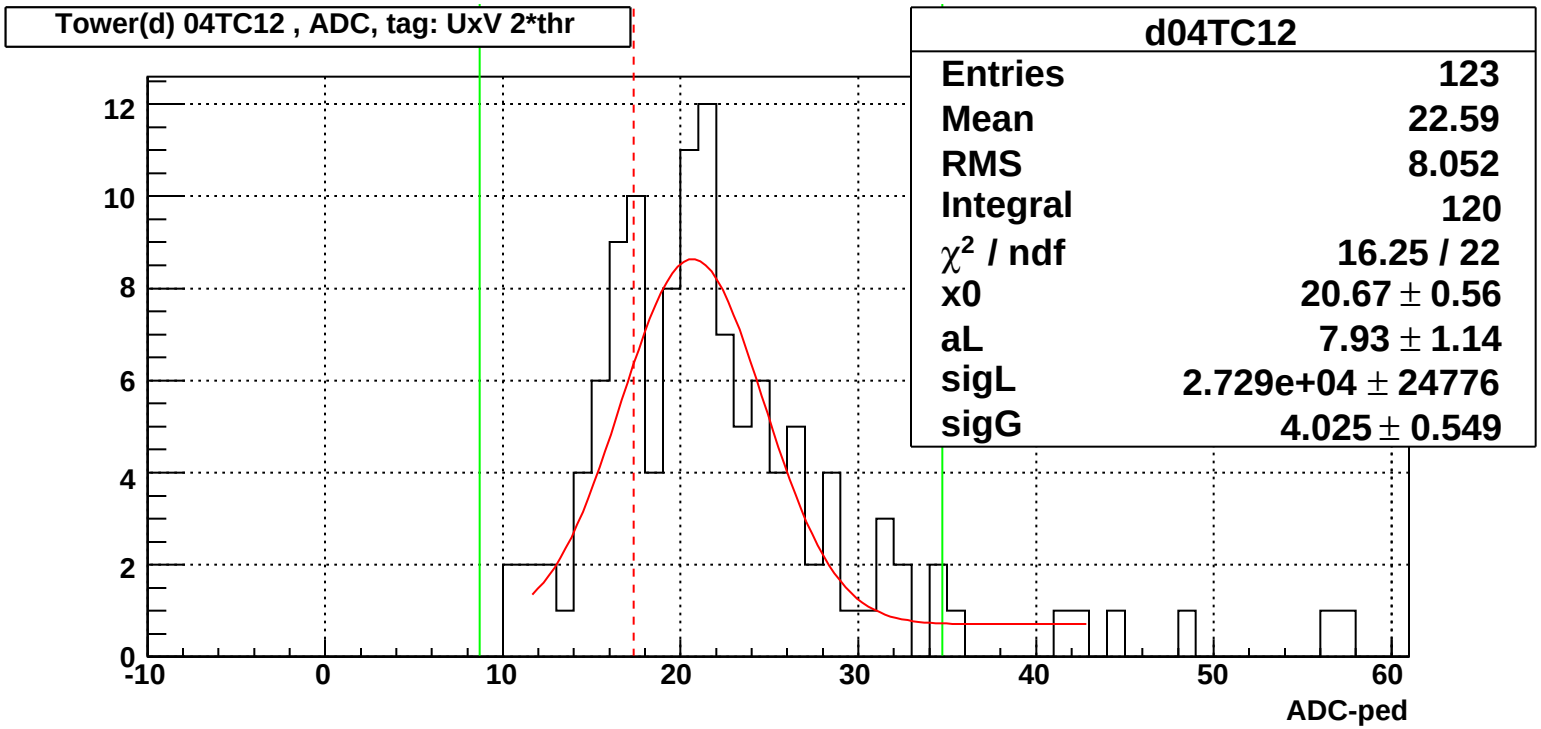

Tower(a) 04TA12 , inclusive ADC
a04TA12
Entries 1793874
Mean 0.159
RMS 1.668
Integral 1.794e+06
χ² / ndf 1.453e+05 / 8
Constant 1.289e+06 ± 1837
Mean 0.1724 ± 0.0006
Sigma 0.5074 ± 0.0006
ADC-ped

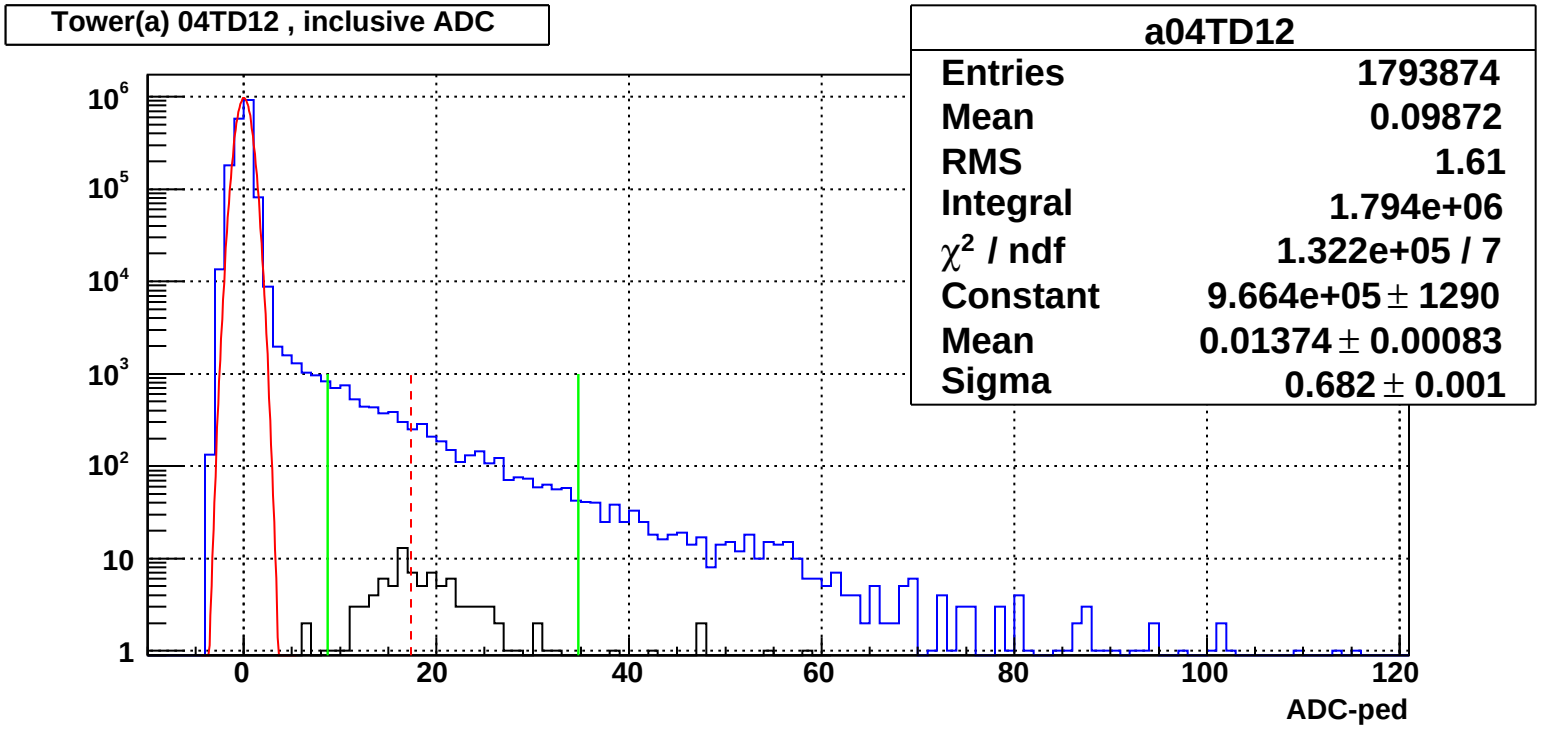

Tower(d) 04TA12 , ADC, tag: UxV 2*thr
d04TA12
Entries 98
Mean 21.92
RMS 7.053
Integral 96
χ² / ndf 14.18 / 17
x0 20.96 ± 0.93
aL 5.333 ± 0.782
sigL 2.038 ± 1.698
sigG 6.136 ± 1.017
ADC-ped

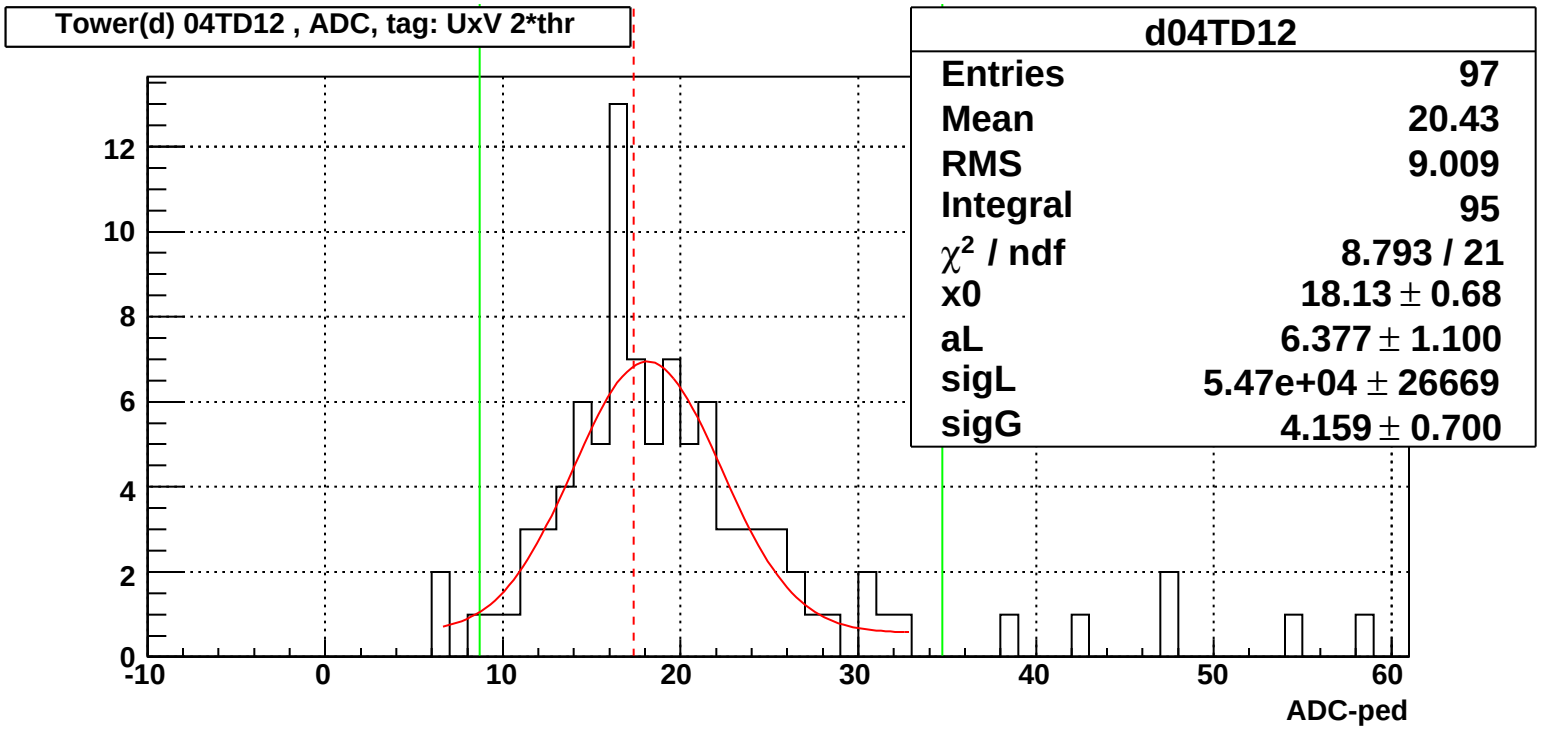

Tower(a) 04TB12 , inclusive ADC
a04TB12
Entries 1793874
Mean -0.0004794
RMS 1.601
Integral 1.794e+06
χ² / ndf 1.398e+05 / 8
Constant 9.167e+05 ± 1049
Mean -0.1106 ± 0.0008
Sigma 0.7159 ± 0.0006
ADC-ped

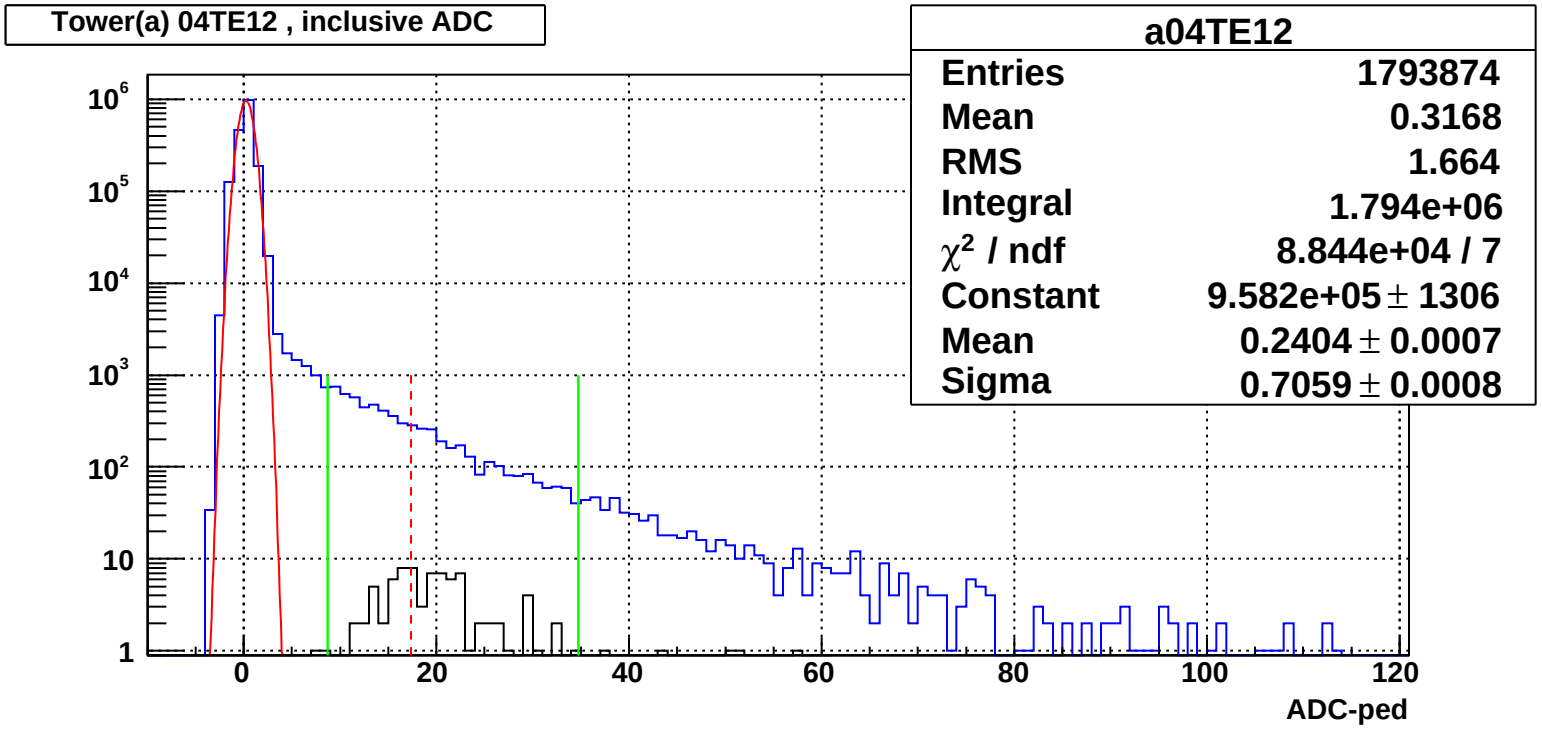

Tower(d) 04TB12 , ADC, tag: UxV 2*thr
d04TB12
Entries 232
Mean 18.48
RMS 10.04
Integral 231
χ² / ndf 19.7 / 21
x0 16.27 ± 0.45
aL 14.06 ± 1.50
sigL 20.15 ± 89.36
sigG 4.334 ± 0.460
ADC-ped

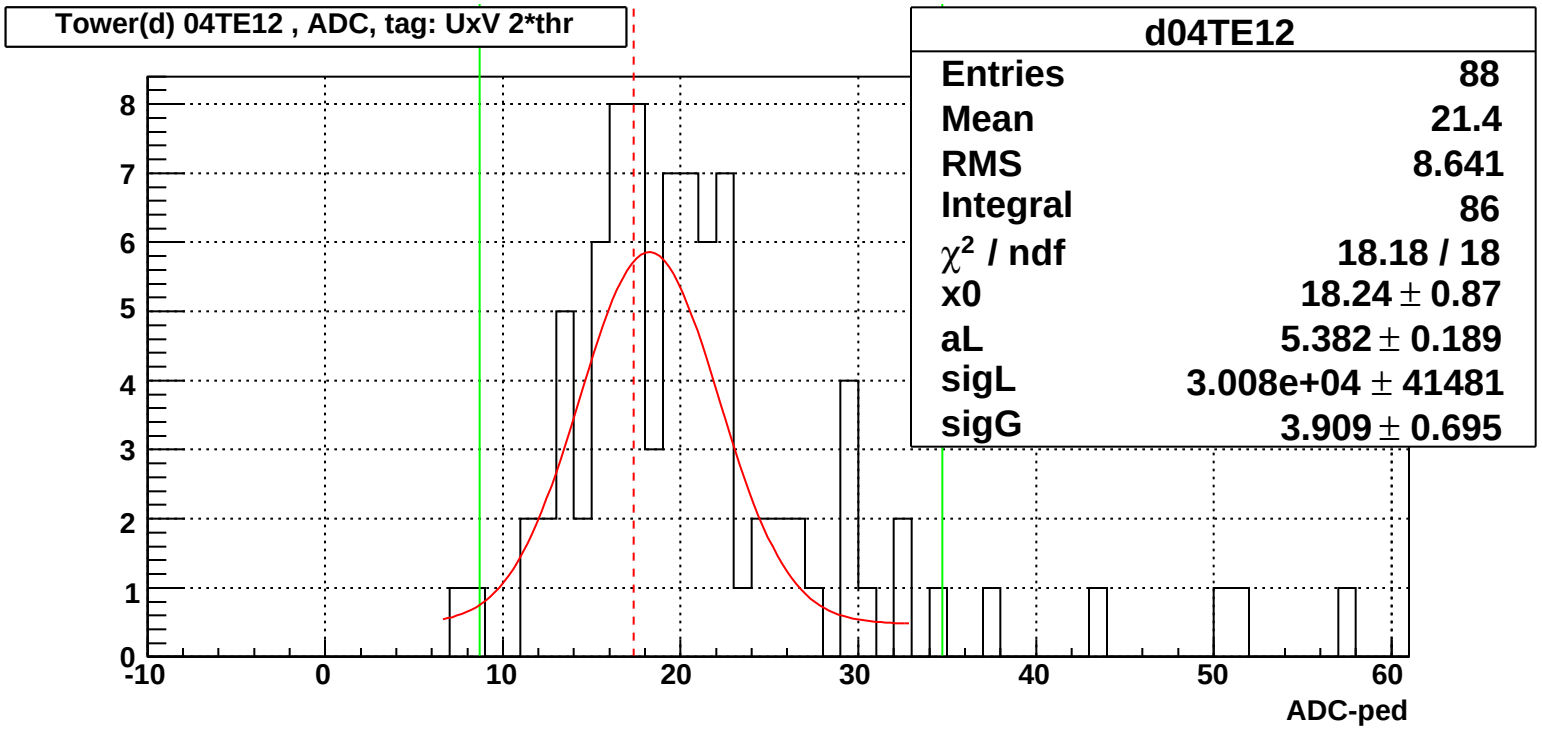

Tower(a) 04TC12 , inclusive ADC
a04TC12
Entries 1793874
Mean 0.02521
RMS 1.814
Integral 1.794e+06
χ² / ndf 2.272e+05 / 8
Constant 6.707e+05 ± 678
Mean -0.1112 ± 0.0008
Sigma 0.9259 ± 0.0006
ADC-ped

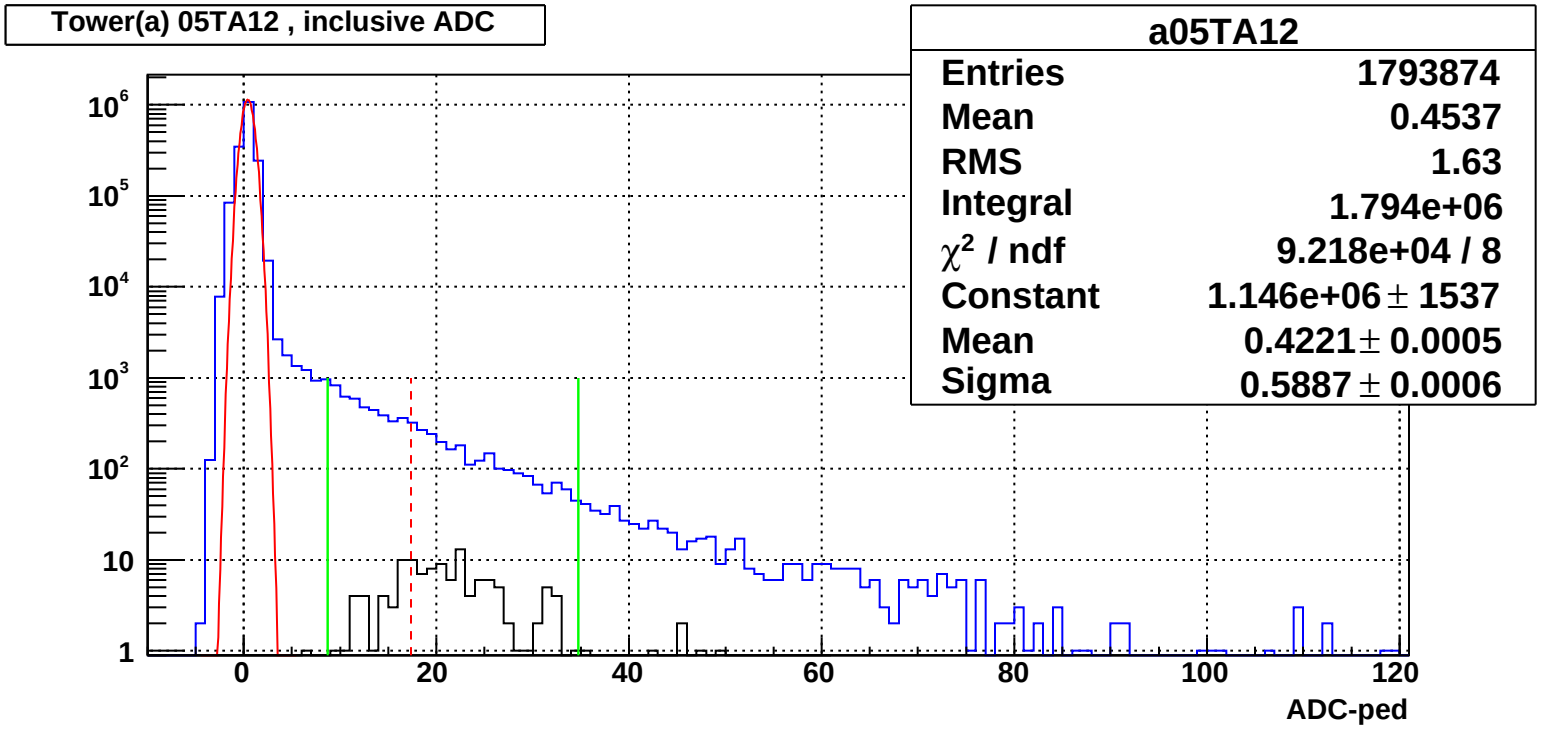

Tower(d) 04TC12 , ADC, tag: UxV 2*thr
d04TC12
Entries 123
Mean 22.59
RMS 8.052
Integral 120
χ² / ndf 16.25 / 22
x0 20.67 ± 0.56
aL 7.93 ± 1.14
sigL 2.729e+04 ± 24776
sigG 4.025 ± 0.549
ADC-ped

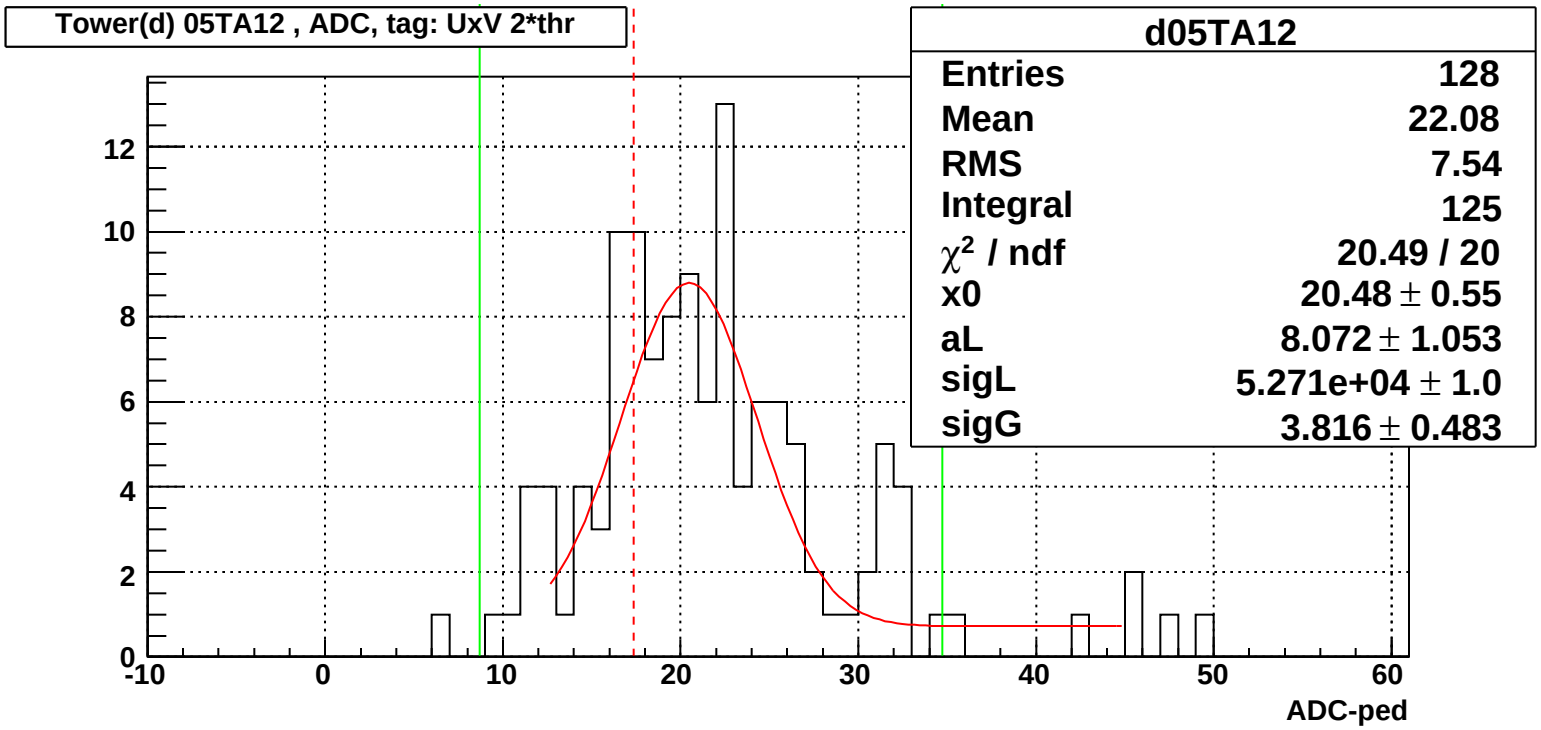

Tower(a) 04TD12 , inclusive ADC
a04TD12
Entries 1793874
Mean 0.09872
RMS 1.61
Integral 1.794e+06
χ² / ndf 1.322e+05 / 7
Constant 9.664e+05 ± 1290
Mean 0.01374 ± 0.00083
Sigma 0.682 ± 0.001
ADC-ped

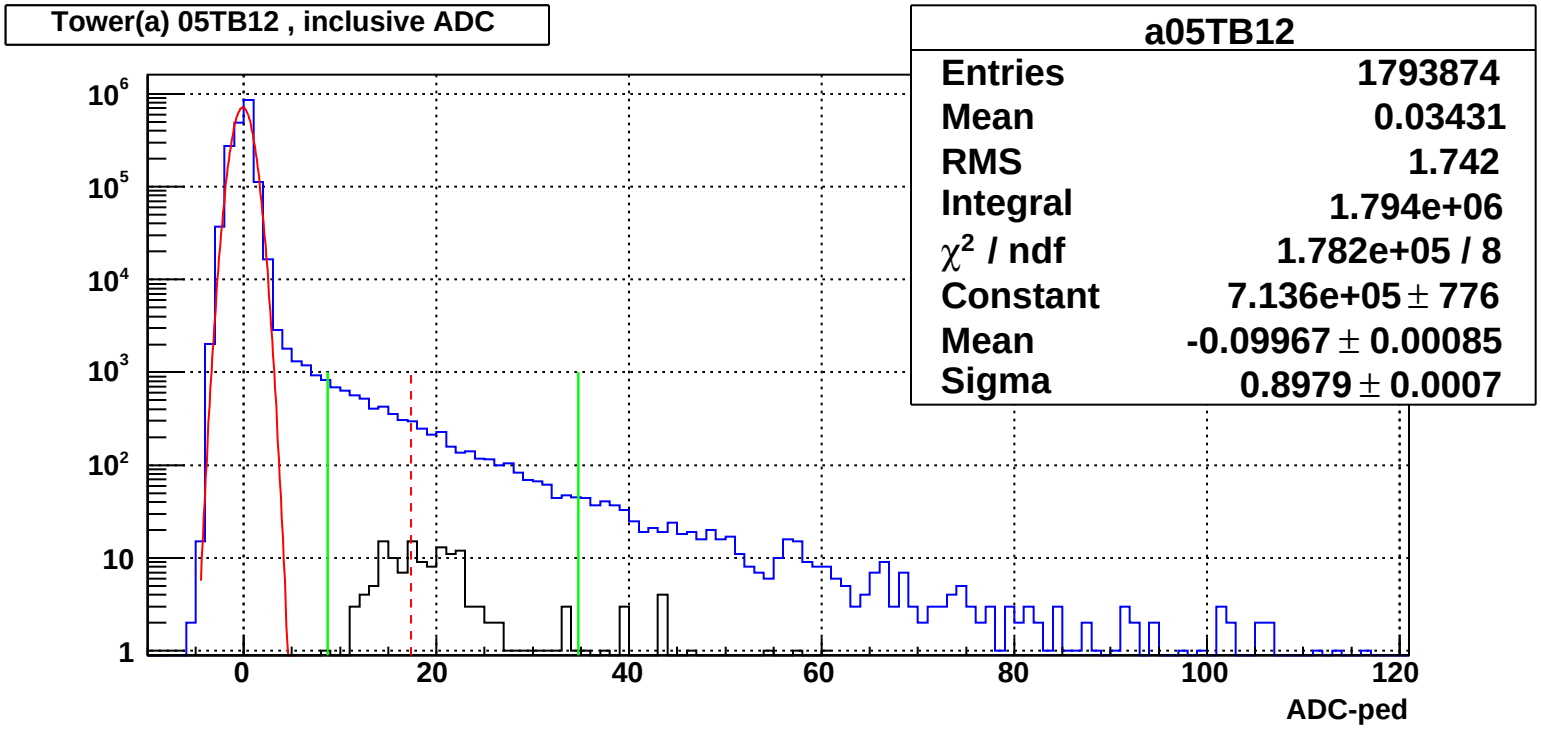

Tower(d) 04TD12 , ADC, tag: UxV 2*thr
d04TD12
Entries 97
Mean 20.43
RMS 9.009
Integral 95
χ² / ndf 8.793 / 21
x0 18.13 ± 0.68
aL 6.377 ± 1.100
sigL 5.47e+04 ± 26669
sigG 4.159 ± 0.700
ADC-ped

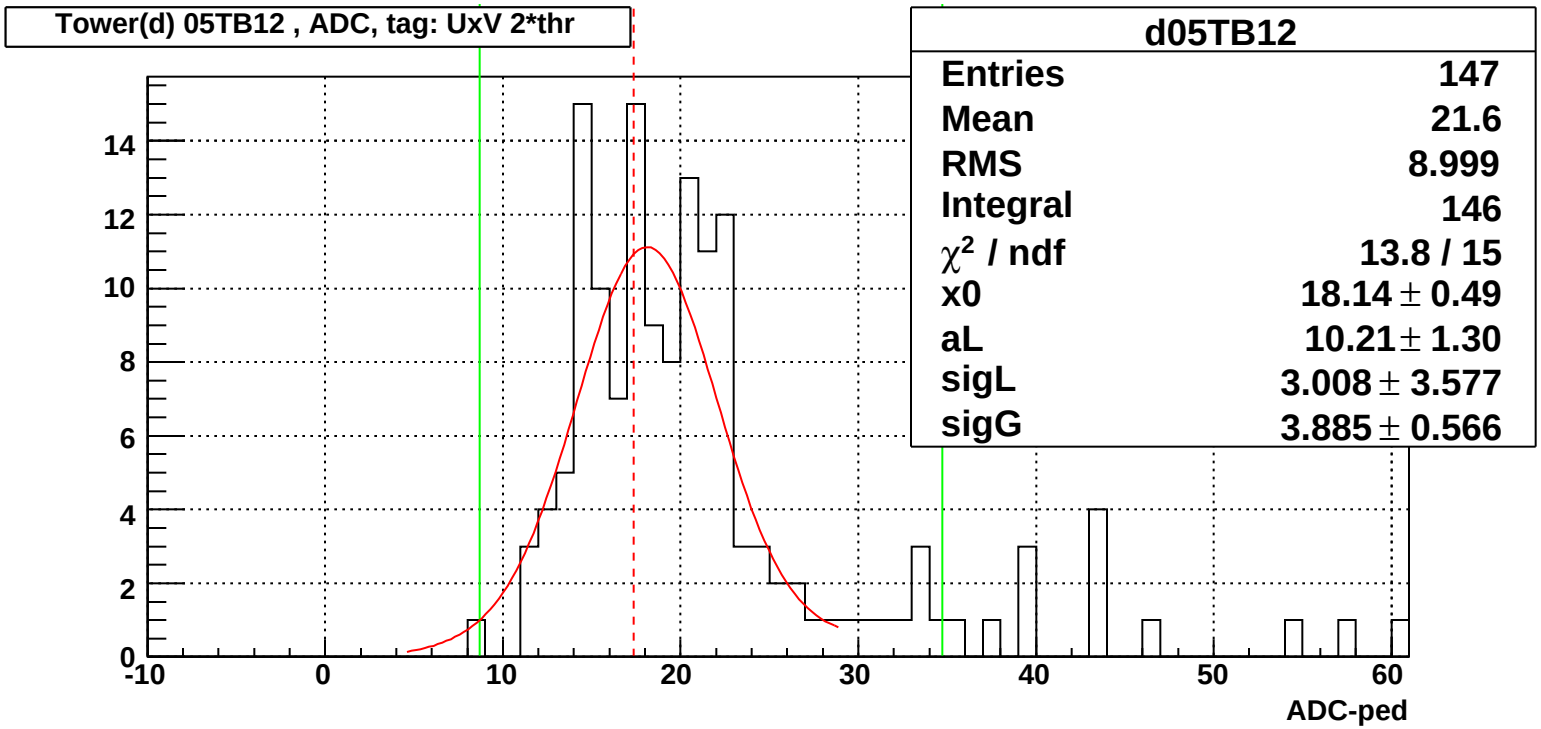

Tower(a) 04TE12 , inclusive ADC
a04TE12
Entries 1793874
Mean 0.3168
RMS 1.664
Integral 1.794e+06
χ² / ndf 8.844e+04 / 7
Constant 9.582e+05 ± 1306
Mean 0.2404 ± 0.0007
Sigma 0.7059 ± 0.0008
ADC-ped

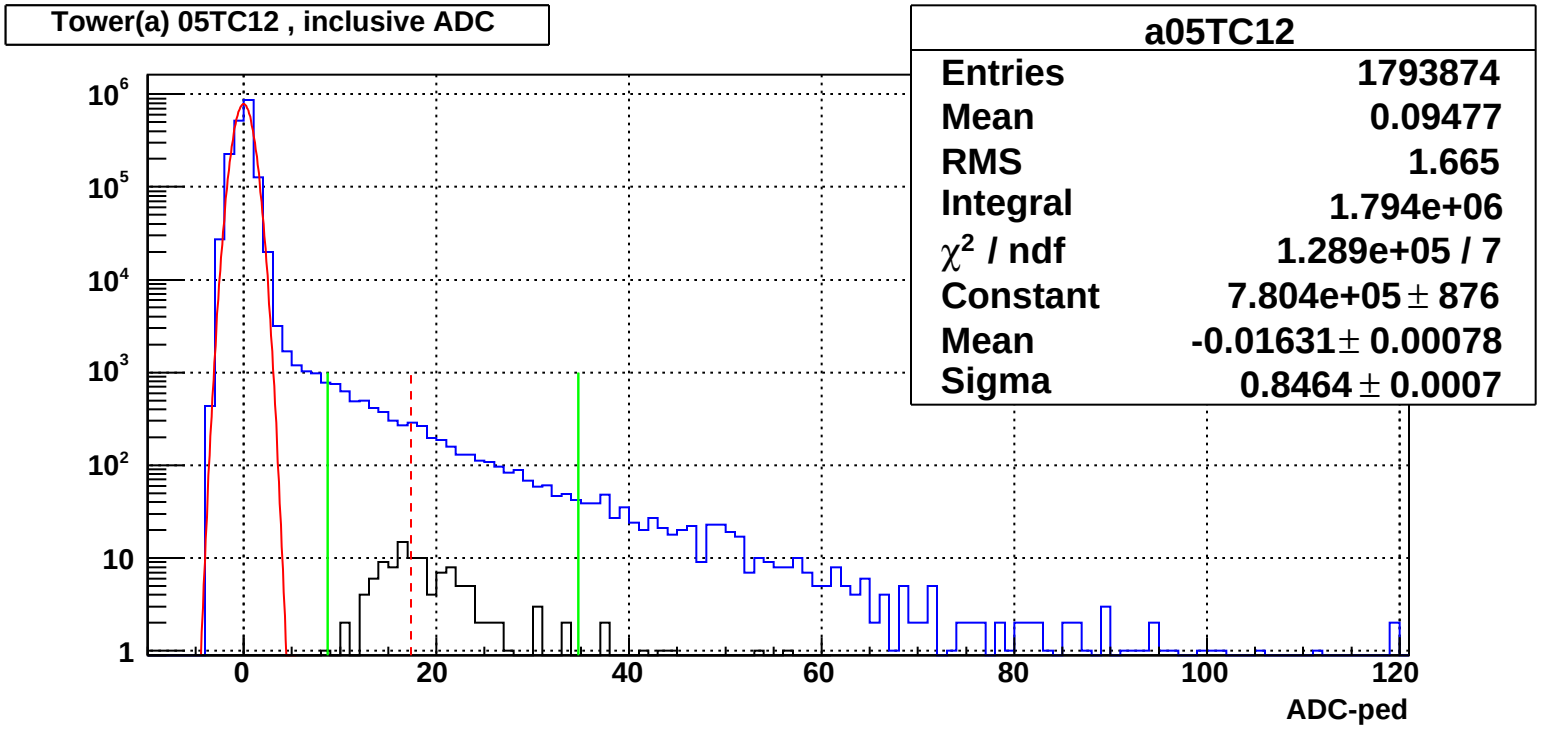

Tower(d) 04TE12 , ADC, tag: UxV 2*thr
d04TE12
Entries 88
Mean 21.4
RMS 8.641
Integral 86
χ² / ndf 18.18 / 18
x0 18.24 ± 0.87
aL 5.382 ± 0.189
sigL 3.008e+04 ± 41481
sigG 3.909 ± 0.695
ADC-ped

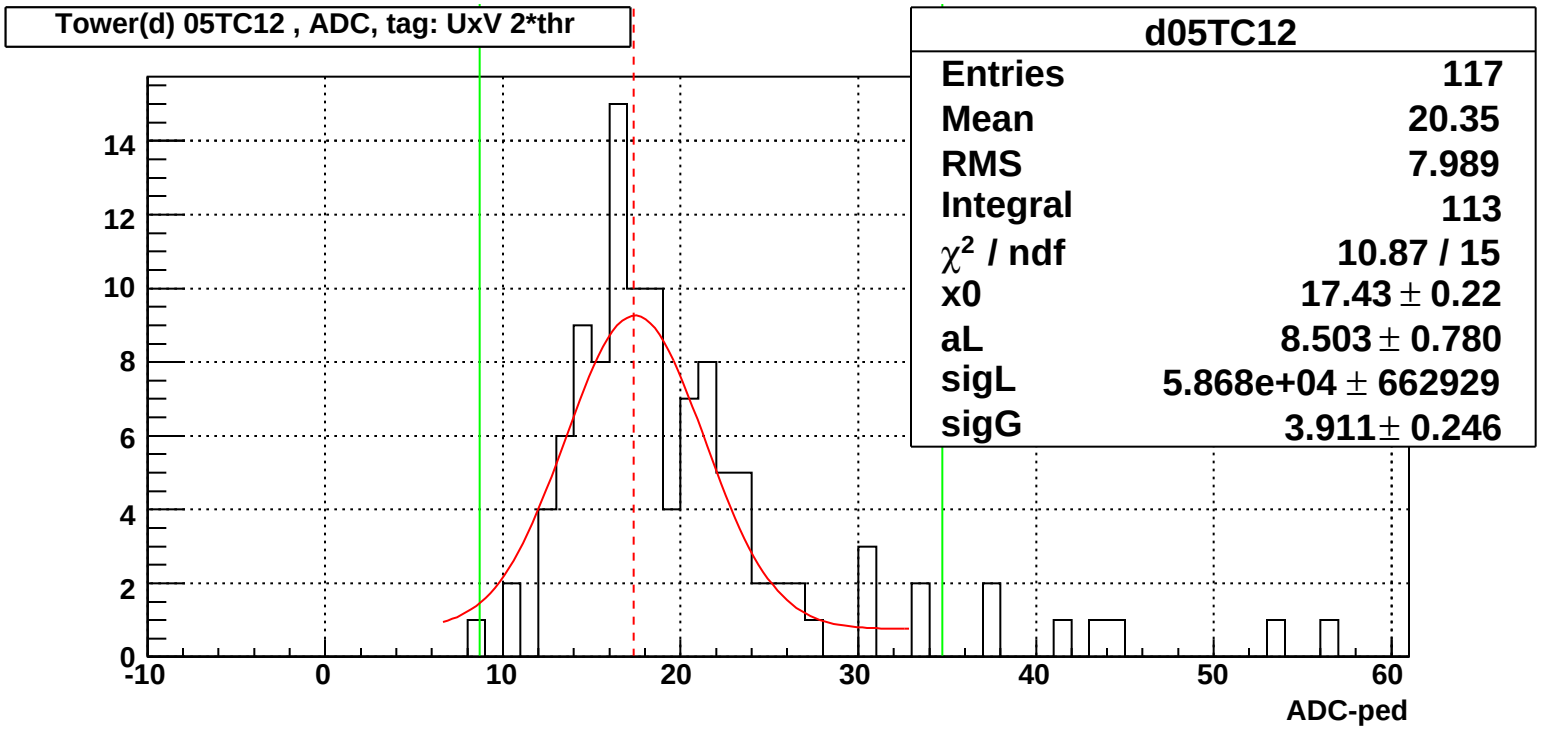

Tower(a) 05TA12 , inclusive ADC
a05TA12
Entries 1793874
Mean 0.4537
RMS 1.63
Integral 1.794e+06
χ² / ndf 9.218e+04 / 8
Constant 1.146e+06 ± 1537
Mean 0.4221 ± 0.0005
Sigma 0.5887 ± 0.0006
ADC-ped

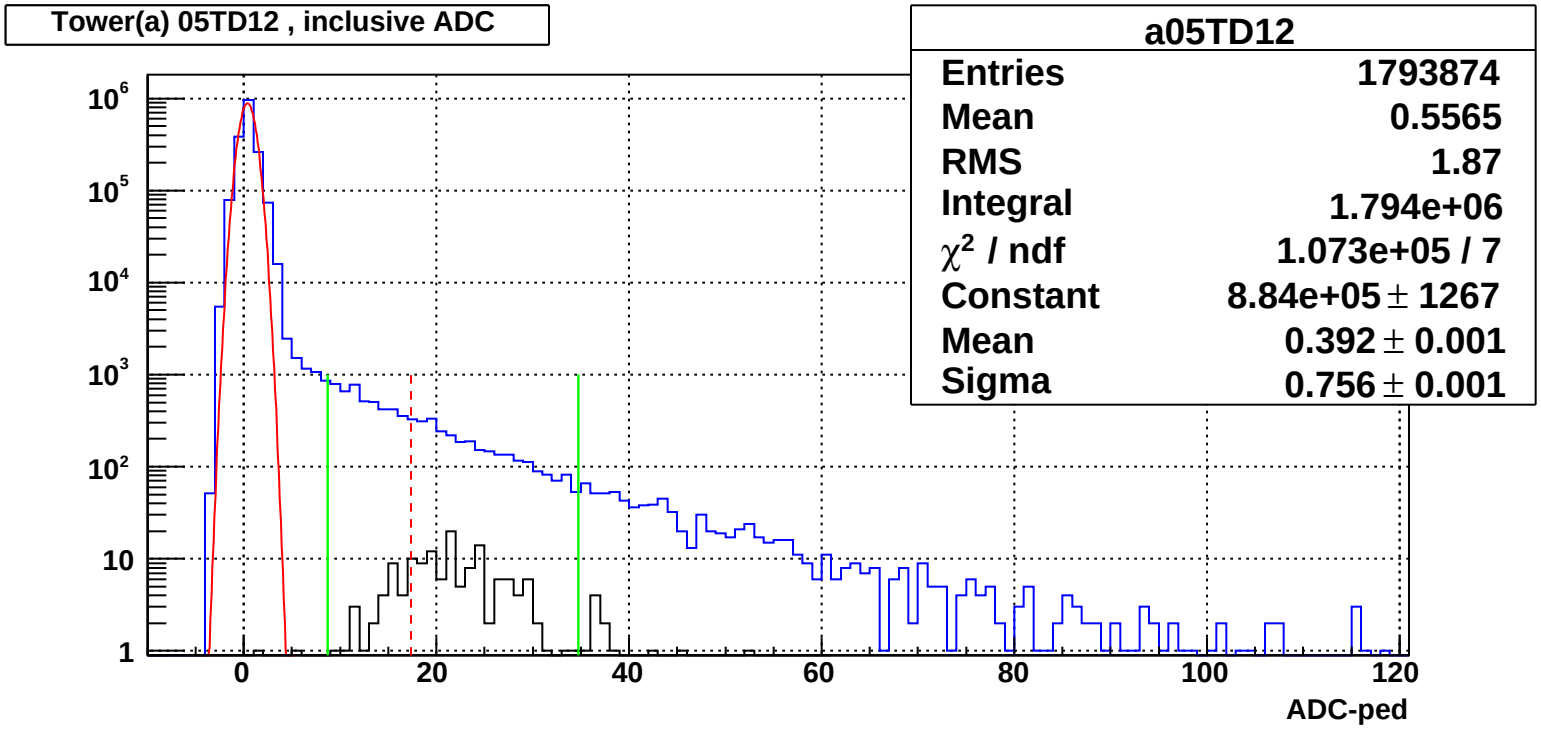

Tower(d) 05TA12 , ADC, tag: UxV 2*thr
d05TA12
Entries 128
Mean 22.08
RMS 7.54
Integral 125
χ² / ndf 20.49 / 20
x0 20.48 ± 0.55
aL 8.072 ± 1.053
sigL 5.271e+04 ± 1.0
sigG 3.816 ± 0.483
ADC-ped

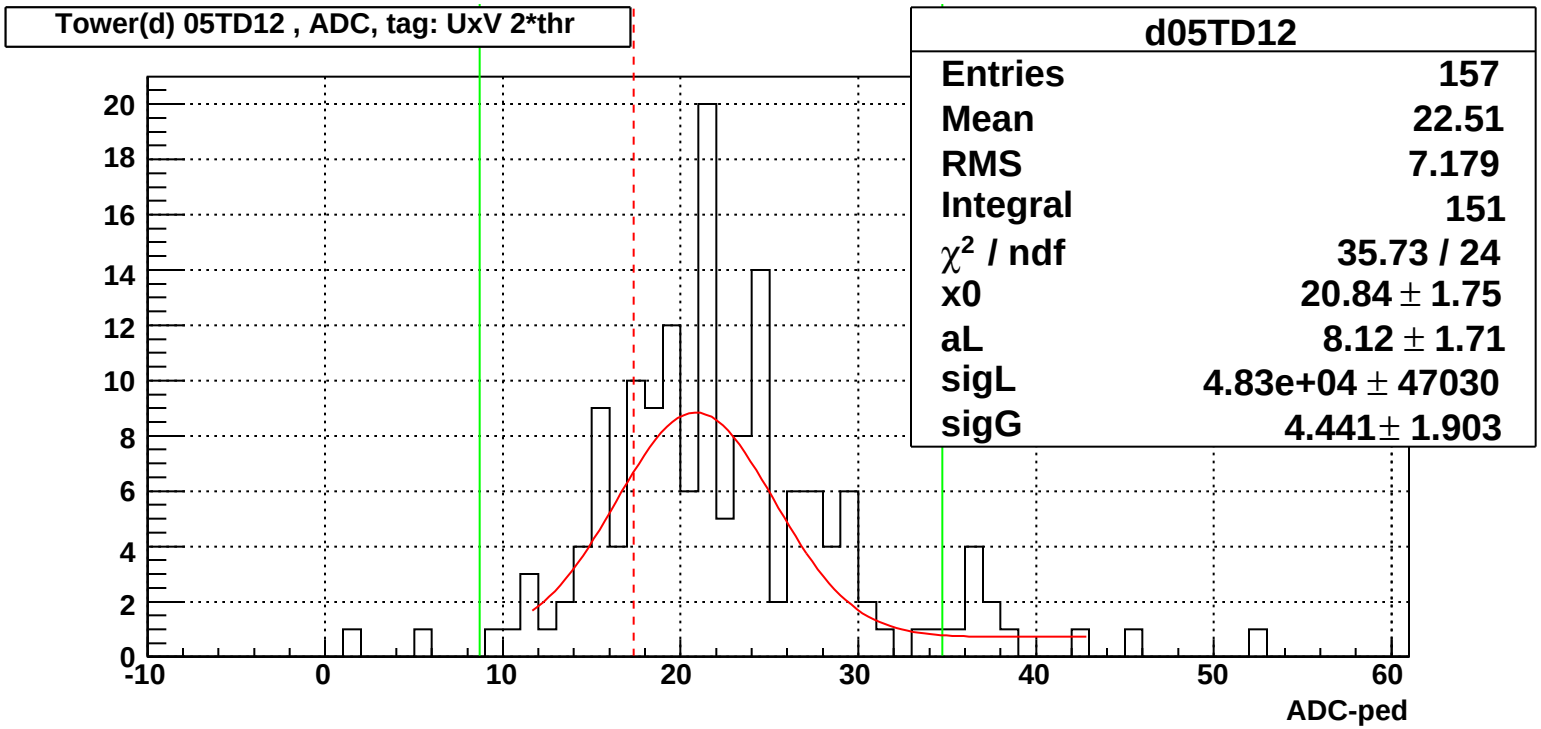

Tower(a) 05TB12 , inclusive ADC
a05TB12
Entries 1793874
Mean 0.03431
RMS 1.742
Integral 1.794e+06
χ² / ndf 1.782e+05 / 8
Constant 7.136e+05 ± 776
Mean -0.09967 ± 0.00085
Sigma 0.8979 ± 0.0007
ADC-ped

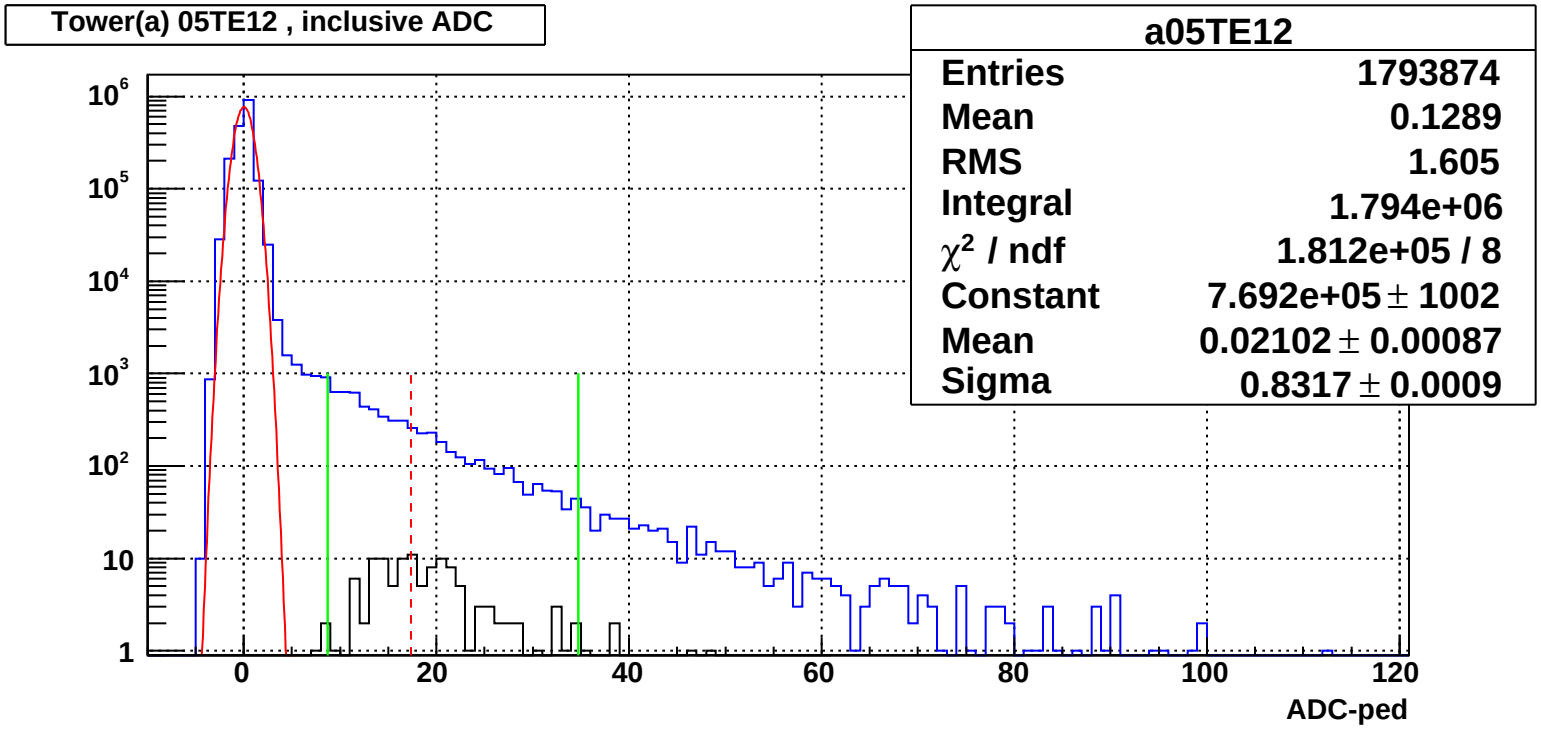

Tower(d) 05TB12 , ADC, tag: UxV 2*thr
d05TB12
Entries 147
Mean 21.6
RMS 8.999
Integral 146
χ² / ndf 13.8 / 15
x0 18.14 ± 0.49
aL 10.21 ± 1.30
sigL 3.008 ± 3.577
sigG 3.885 ± 0.566
ADC-ped

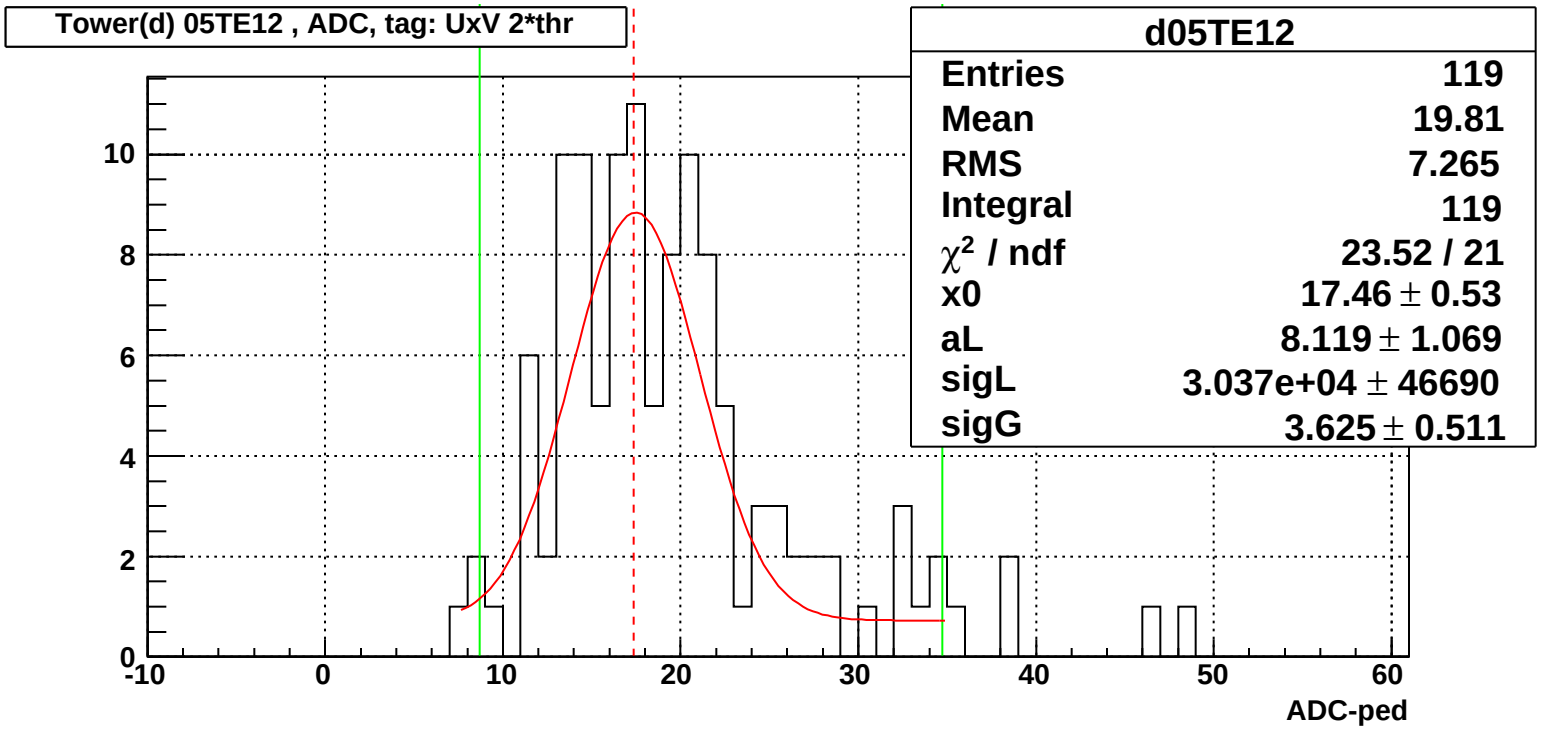

Tower(a) 05TC12 , inclusive ADC
a05TC12
Entries 1793874
Mean 0.09477
RMS 1.665
Integral 1.794e+06
χ² / ndf 1.289e+05 / 7
Constant 7.804e+05 ± 876
Mean -0.01631 ± 0.00078
Sigma 0.8464 ± 0.0007
ADC-ped

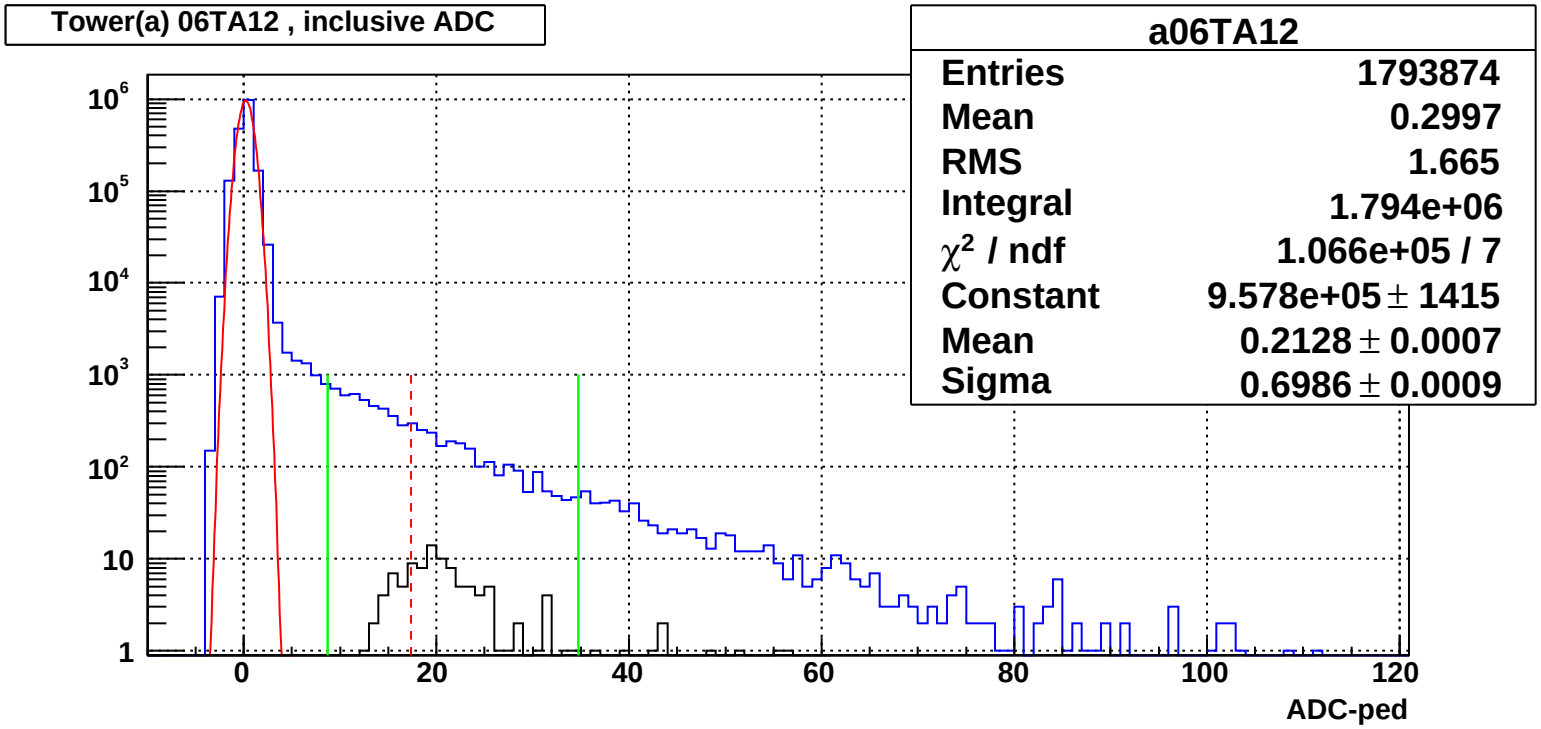

Tower(d) 05TC12 , ADC, tag: UxV 2*thr
d05TC12
Entries 117
Mean 20.35
RMS 7.989
Integral 113
χ² / ndf 10.87 / 15
x0 17.43 ± 0.22
aL 8.503 ± 0.780
sigL 5.868e+04 ± 662929
sigG 3.911 ± 0.246
ADC-ped

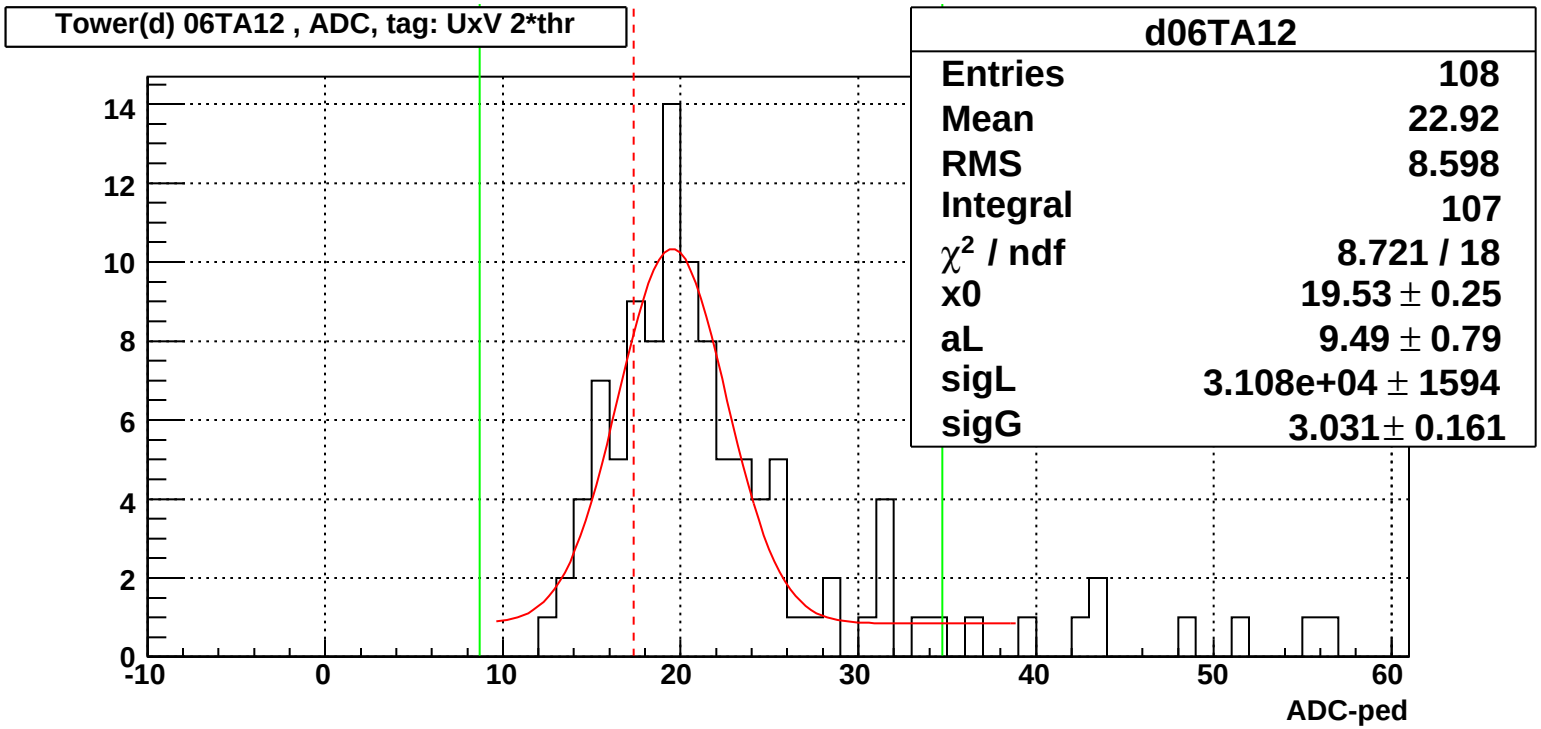

Tower(a) 05TD12 , inclusive ADC
a05TD12
Entries 1793874
Mean 0.5565
RMS 1.87
Integral 1.794e+06
χ² / ndf 1.073e+05 / 7
Constant 8.84e+05 ± 1267
Mean 0.392 ± 0.001
Sigma 0.756 ± 0.001
ADC-ped

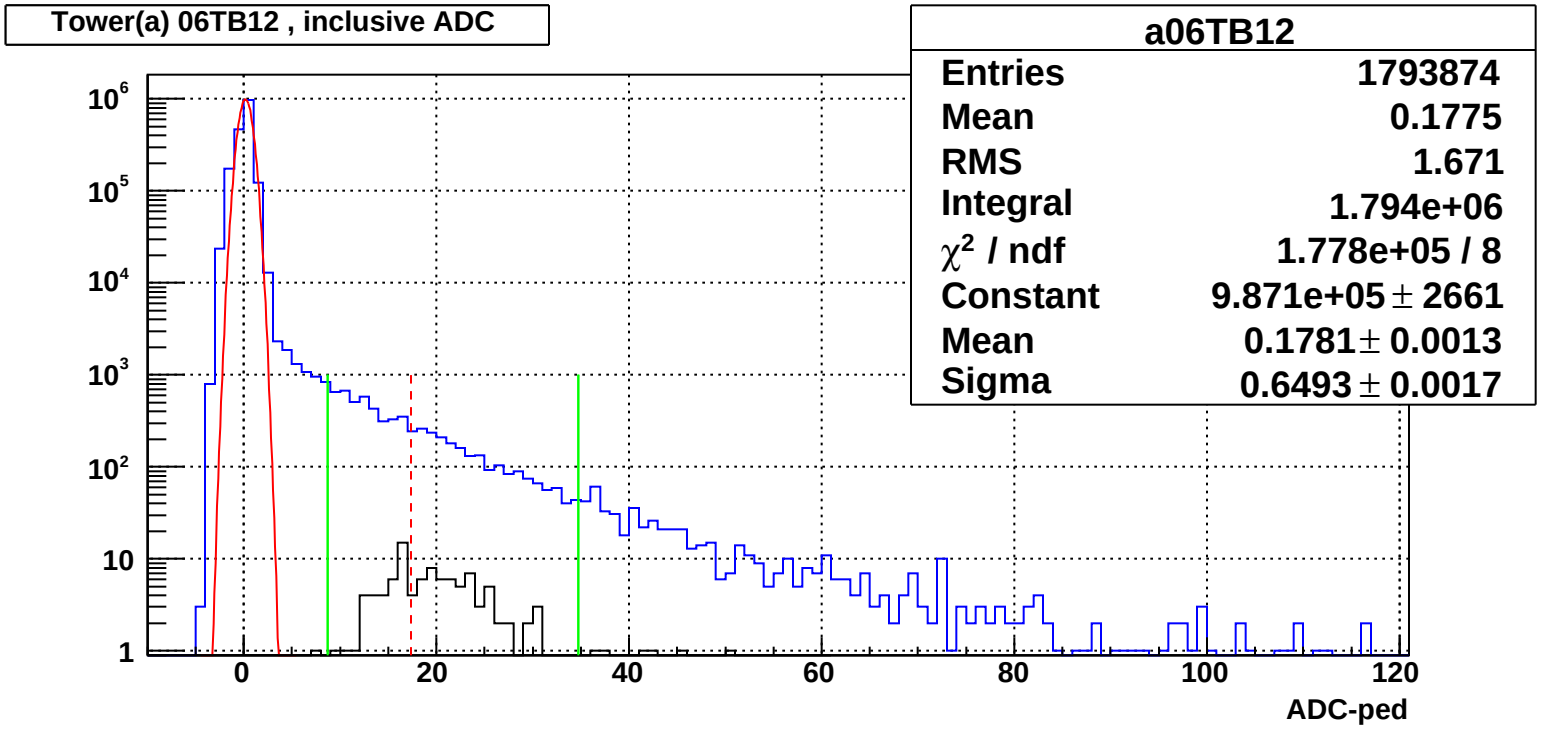

Tower(d) 05TD12 , ADC, tag: UxV 2*thr
d05TD12
Entries 157
Mean 22.51
RMS 7.179
Integral 151
χ² / ndf 35.73 / 24
x0 20.84 ± 1.75
aL 8.12 ± 1.71
sigL 4.83e+04 ± 47030
sigG 4.441± 1.903
ADC-ped

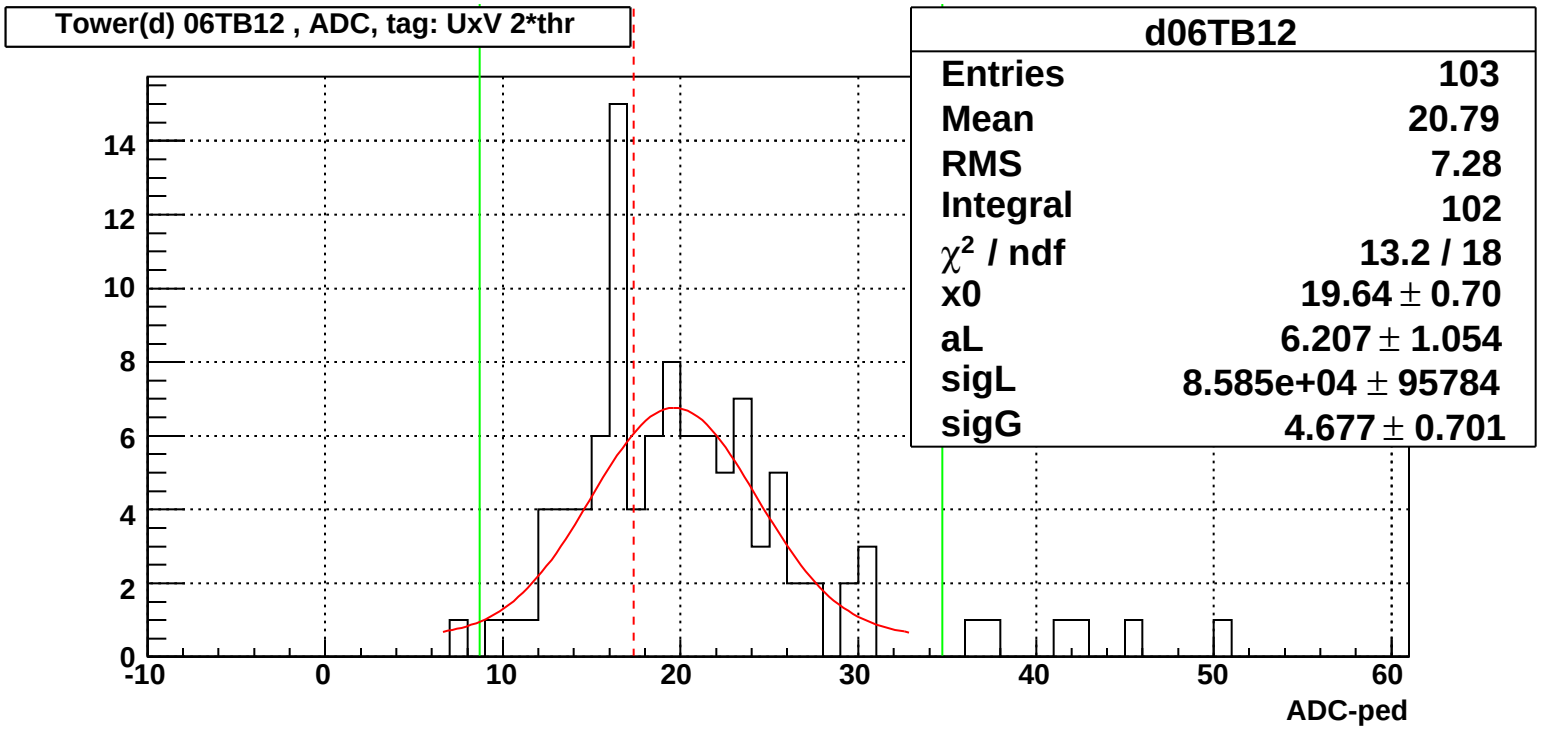

Tower(a) 05TE12 , inclusive ADC
a05TE12
Entries 1793874
Mean 0.1289
RMS 1.605
Integral 1.794e+06
χ² / ndf 1.812e+05 / 8
Constant 7.692e+05 ± 1002
Mean 0.02102 ± 0.00087
Sigma 0.8317 ± 0.0009
ADC-ped

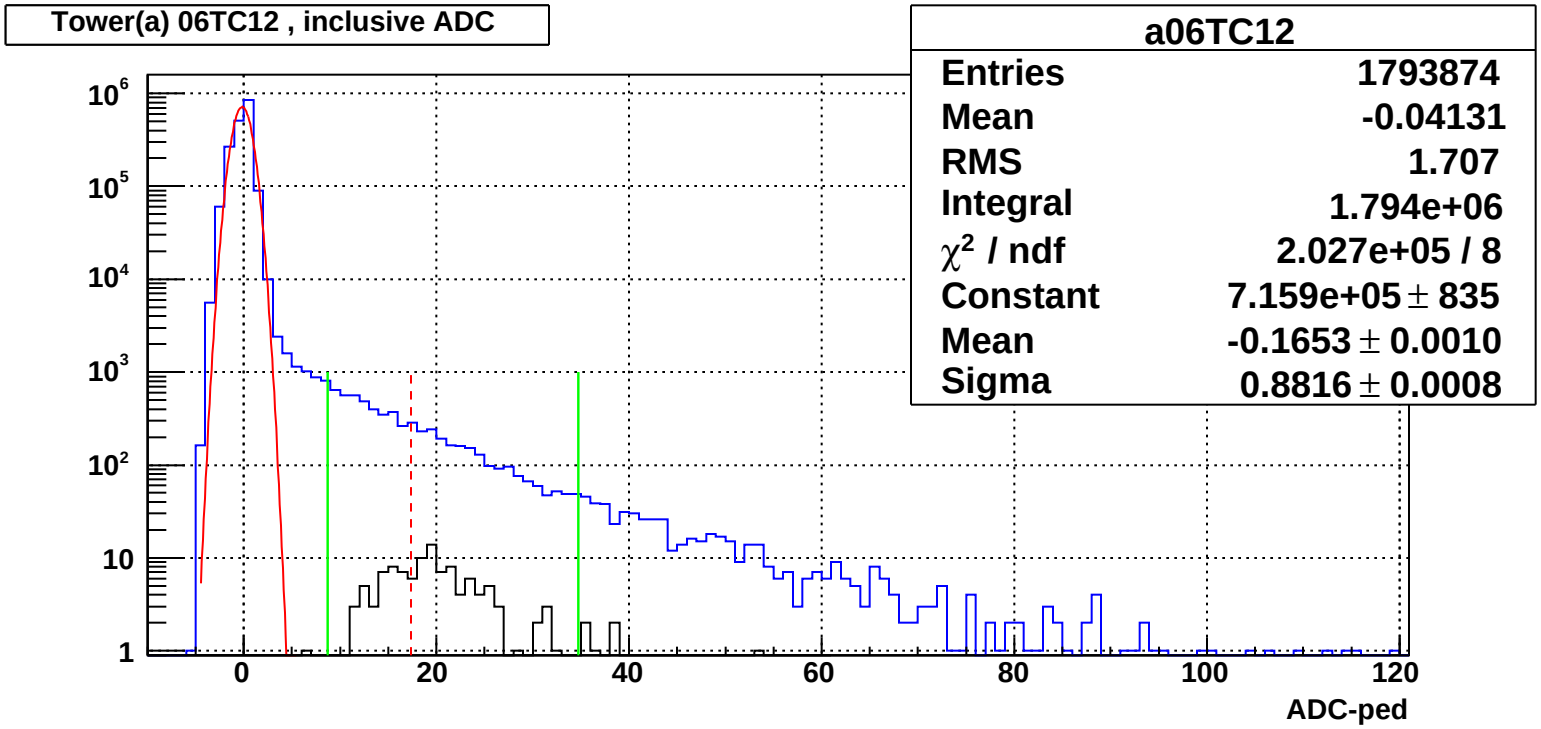

Tower(d) 05TE12 , ADC, tag: UxV 2*thr
d05TE12
Entries 119
Mean 19.81
RMS 7.265
Integral 119
χ² / ndf 23.52 / 21
x0 17.46 ± 0.53
aL 8.119 ± 1.069
sigL 3.037e+04 ± 46690
sigG 3.625 ± 0.511
ADC-ped

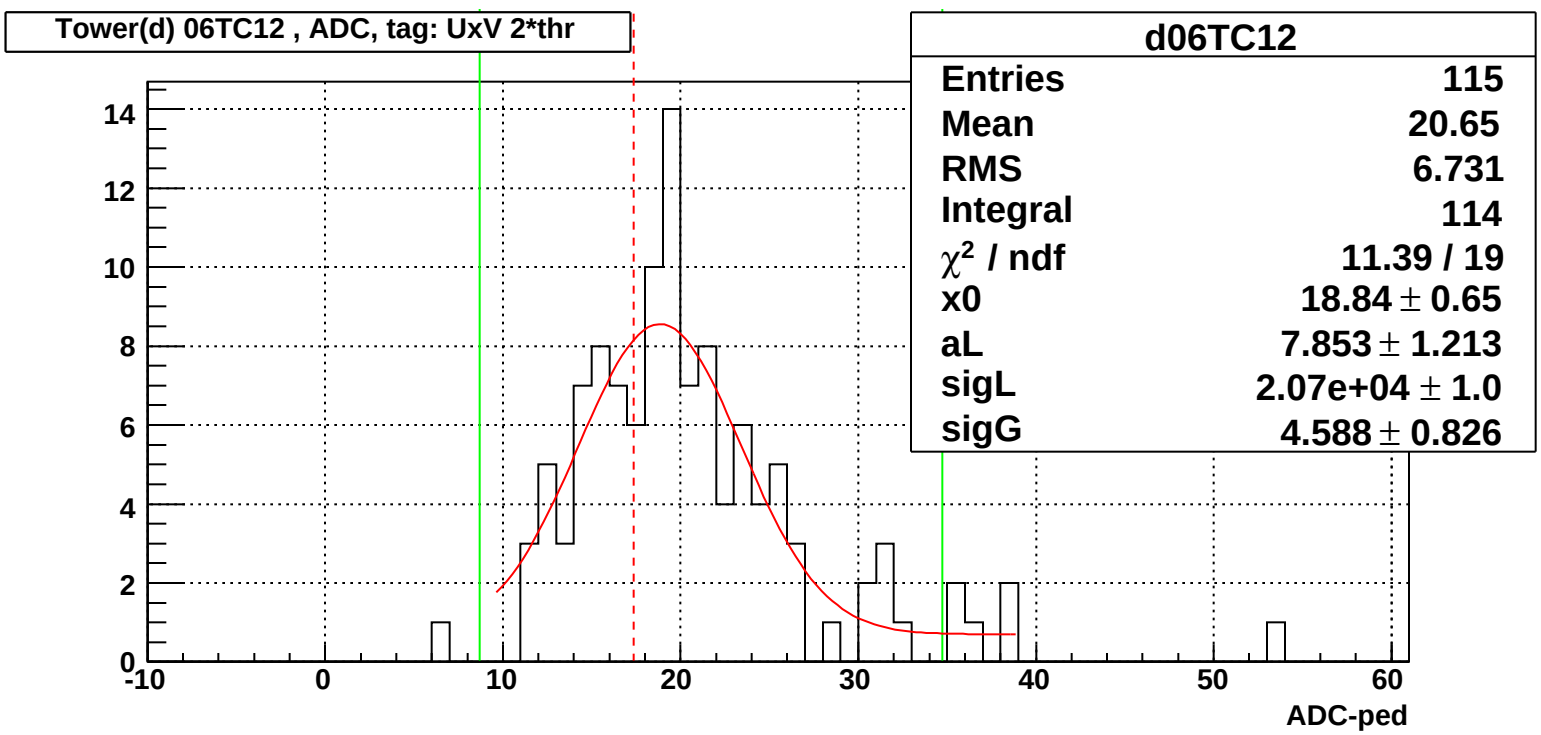

Tower(a) 06TA12 , inclusive ADC
a06TA12
Entries 1793874
Mean 0.2997
RMS 1.665
Integral 1.794e+06
χ² / ndf 1.066e+05 / 7
Constant 9.578e+05 ± 1415
Mean 0.2128 ± 0.0007
Sigma 0.6986 ± 0.0009
ADC-ped

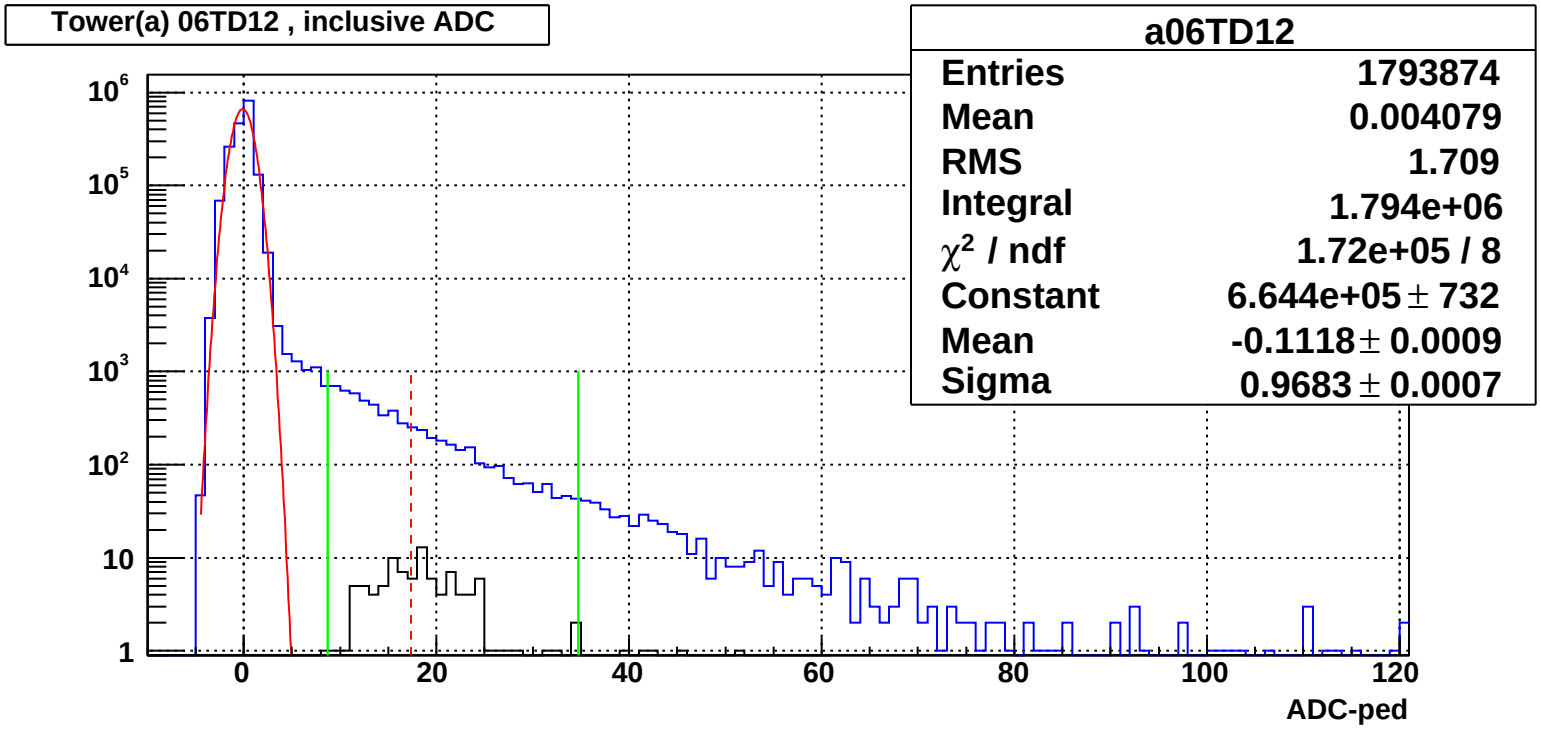

Tower(d) 06TA12 , ADC, tag: UxV 2*thr
d06TA12
Entries 108
Mean 22.92
RMS 8.598
Integral 107
χ² / ndf 8.721 / 18
x0 19.53 ± 0.25
aL 9.49 ± 0.79
sigL 3.108e+04 ± 1594
sigG 3.031 ± 0.161
ADC-ped

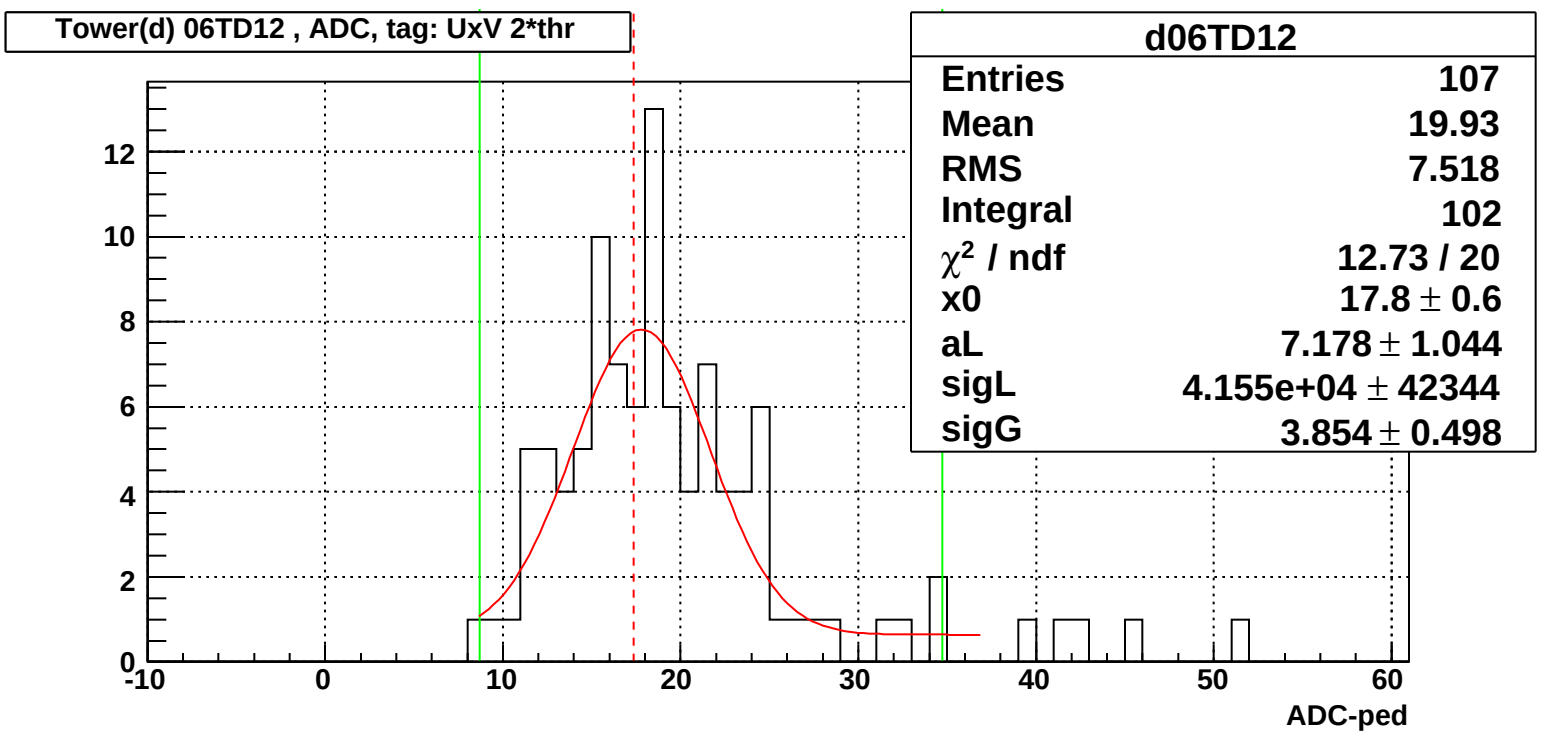

Tower(a) 06TB12 , inclusive ADC
a06TB12
Entries 1793874
Mean 0.1775
RMS 1.671
Integral 1.794e+06
χ² / ndf 1.778e+05 / 8
Constant 9.871e+05 ± 2661
Mean 0.1781 ± 0.0013
Sigma 0.6493 ± 0.0017
ADC-ped

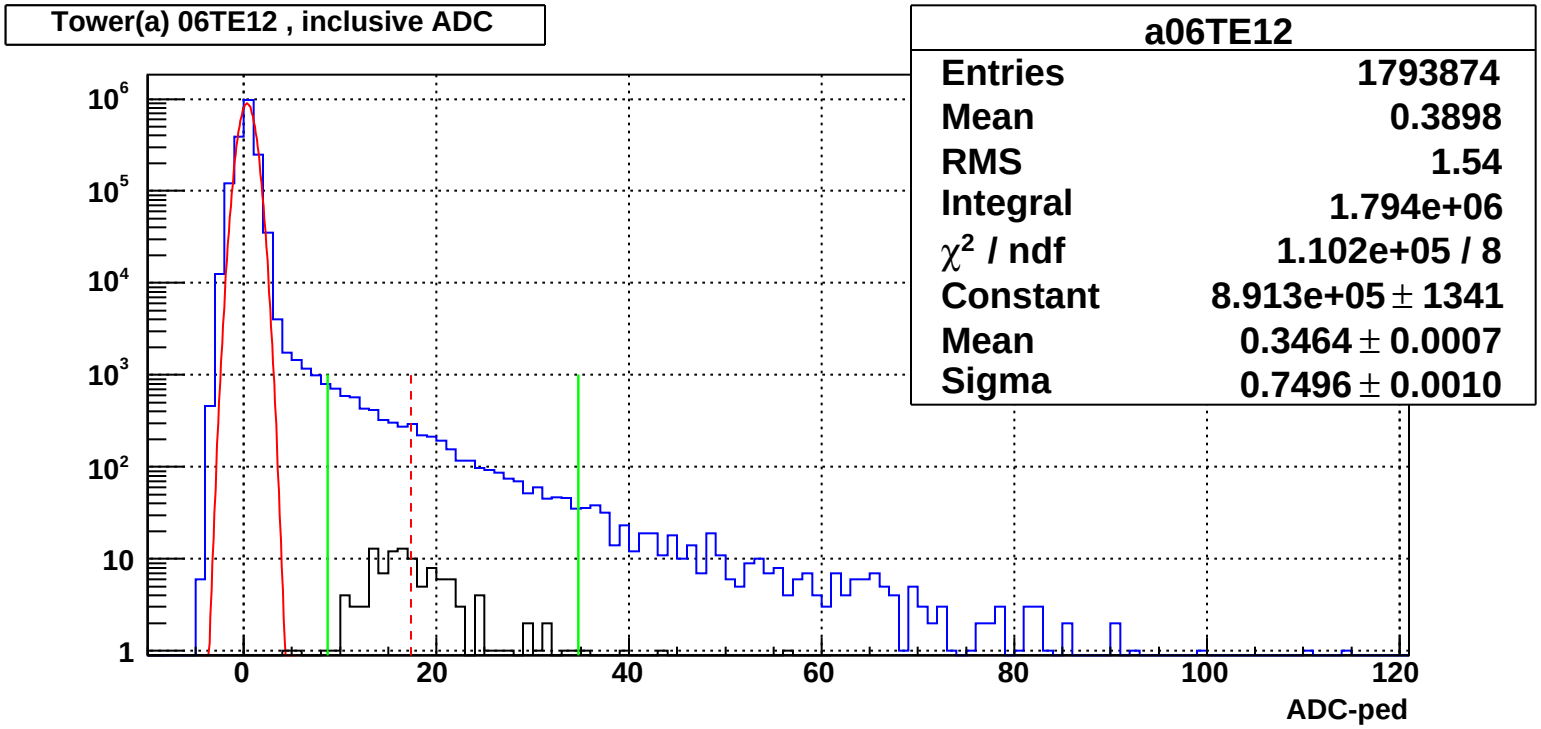

Tower(d) 06TB12 , ADC, tag: UxV 2*thr
d06TB12
Entries 103
Mean 20.79
RMS 7.28
Integral 102
χ² / ndf 13.2 / 18
x0 19.64 ± 0.70
aL 6.207 ± 1.054
sigL 8.585e+04 ± 95784
sigG 4.677 ± 0.701
ADC-ped

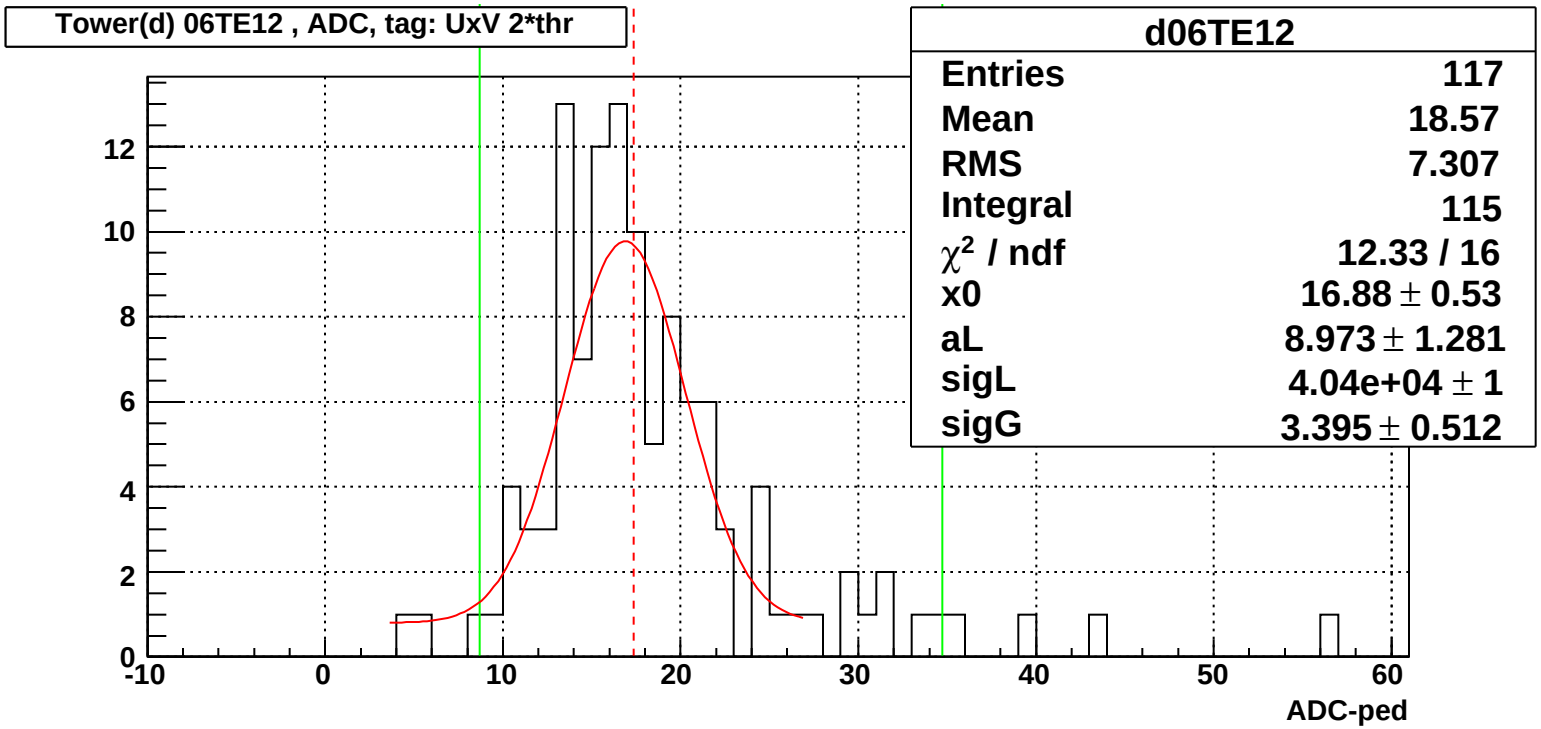

Tower(a) 06TC12 , inclusive ADC
a06TC12
Entries 1793874
Mean -0.04131
RMS 1.707
Integral 1.794e+06
χ² / ndf 2.027e+05 / 8
Constant 7.159e+05 ± 835
Mean -0.1653 ± 0.0010
Sigma 0.8816 ± 0.0008
ADC-ped

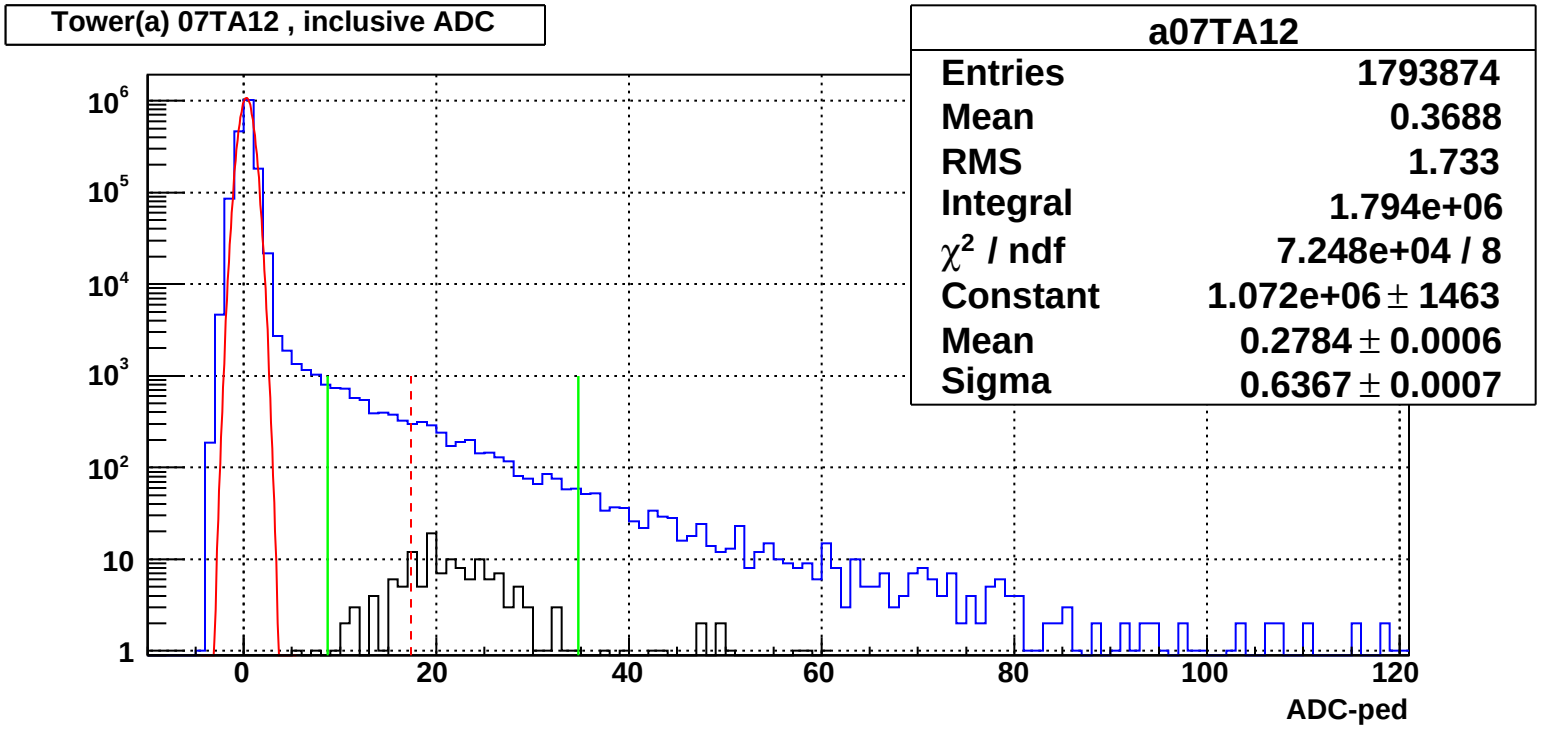

Tower(d) 06TC12 , ADC, tag: UxV 2*thr
d06TC12
Entries 115
Mean 20.65
RMS 6.731
Integral 114
χ² / ndf 11.39 / 19
x0 18.84 ± 0.65
aL 7.853 ± 1.213
sigL 2.07e+04 ± 1.0
sigG 4.588 ± 0.826
ADC-ped

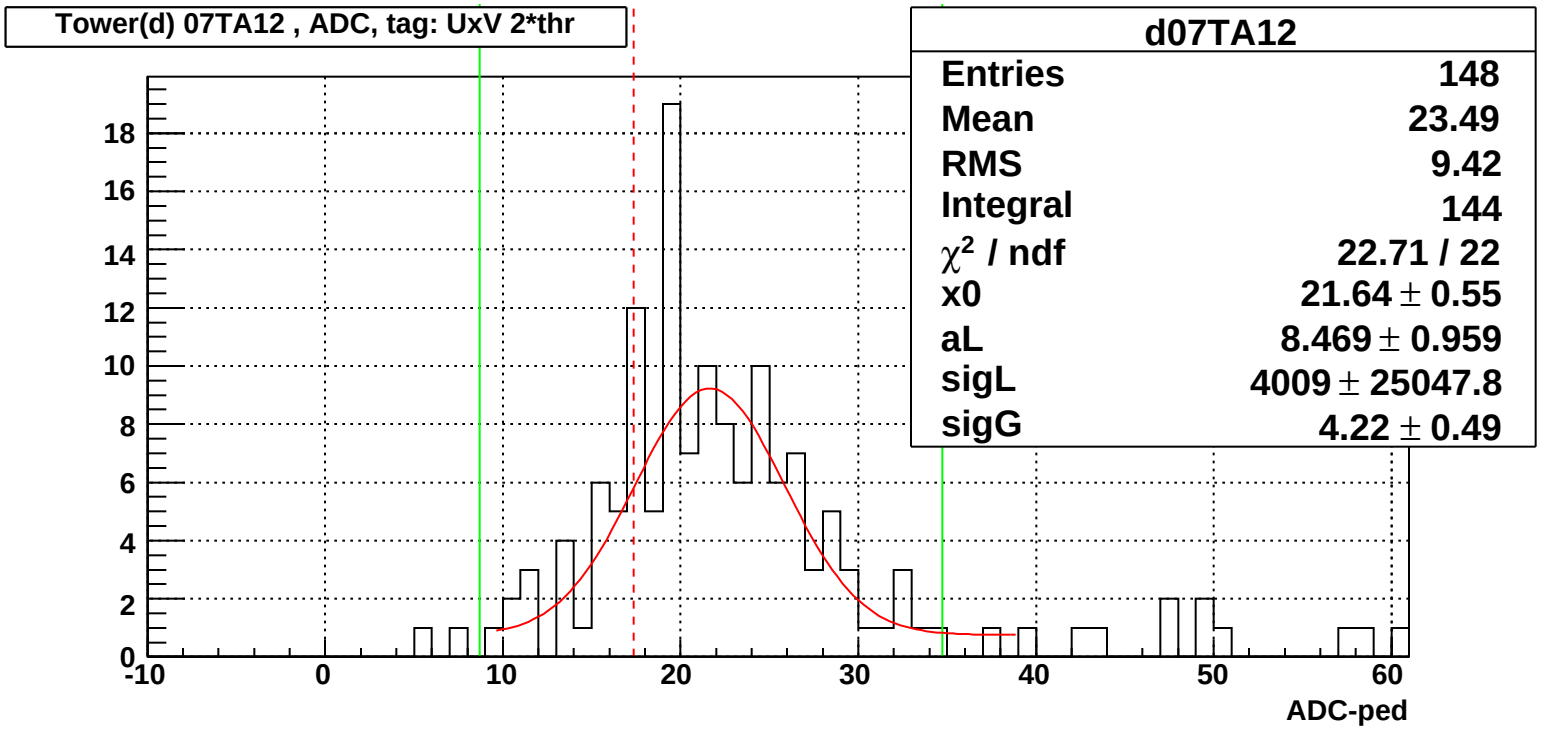

Tower(a) 06TD12 , inclusive ADC
a06TD12
Entries 1793874
Mean 0.004079
RMS 1.709
Integral 1.794e+06
χ² / ndf 1.72e+05 / 8
Constant 6.644e+05 ± 732
Mean -0.1118 ± 0.0009
Sigma 0.9683 ± 0.0007
ADC-ped

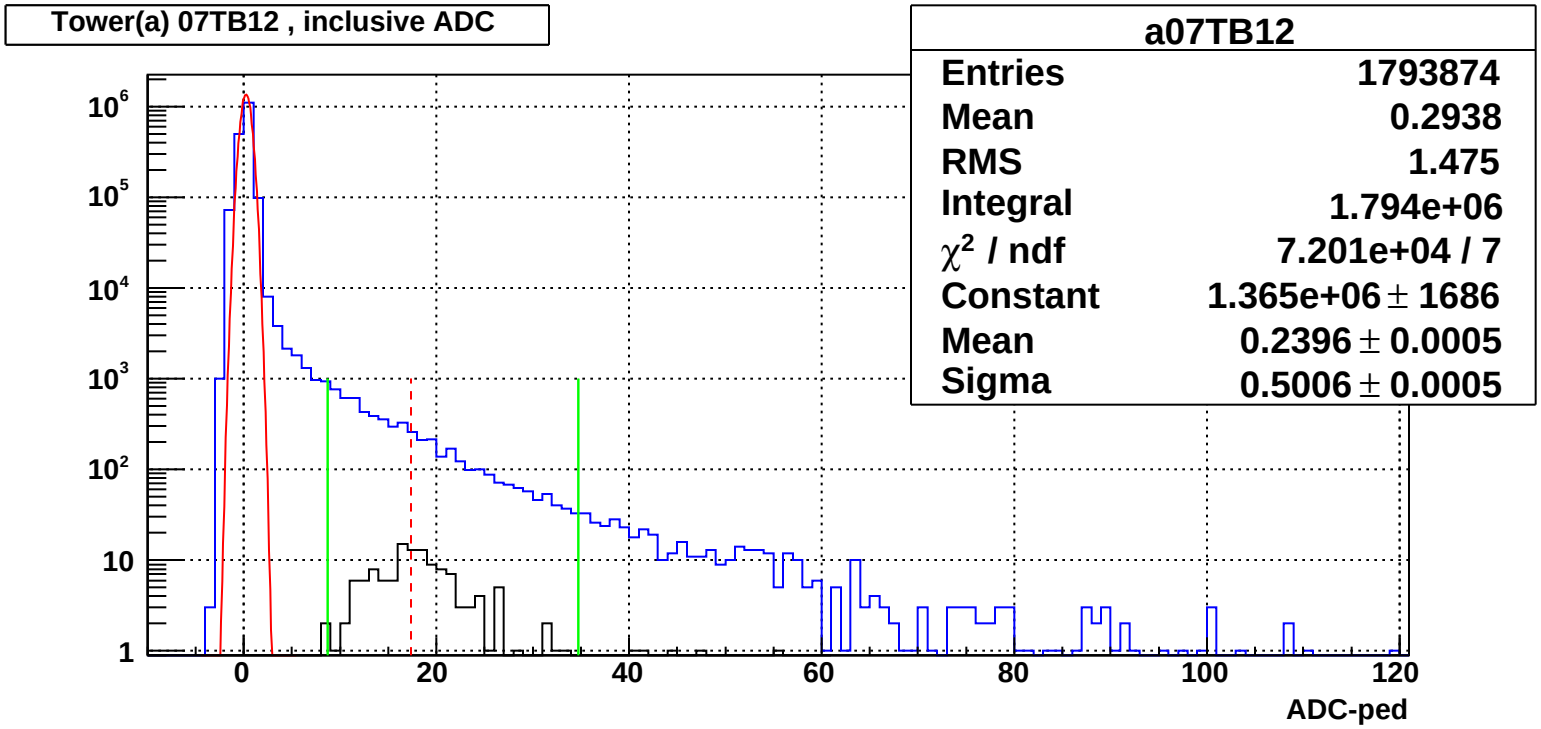

Tower(d) 06TD12 , ADC, tag: UxV 2*thr
d06TD12
Entries 107
Mean 19.93
RMS 7.518
Integral 102
χ² / ndf 12.73 / 20
x0 17.8 ± 0.6
aL 7.178 ± 1.044
sigL 4.155e+04 ± 42344
sigG 3.854 ± 0.498
ADC-ped

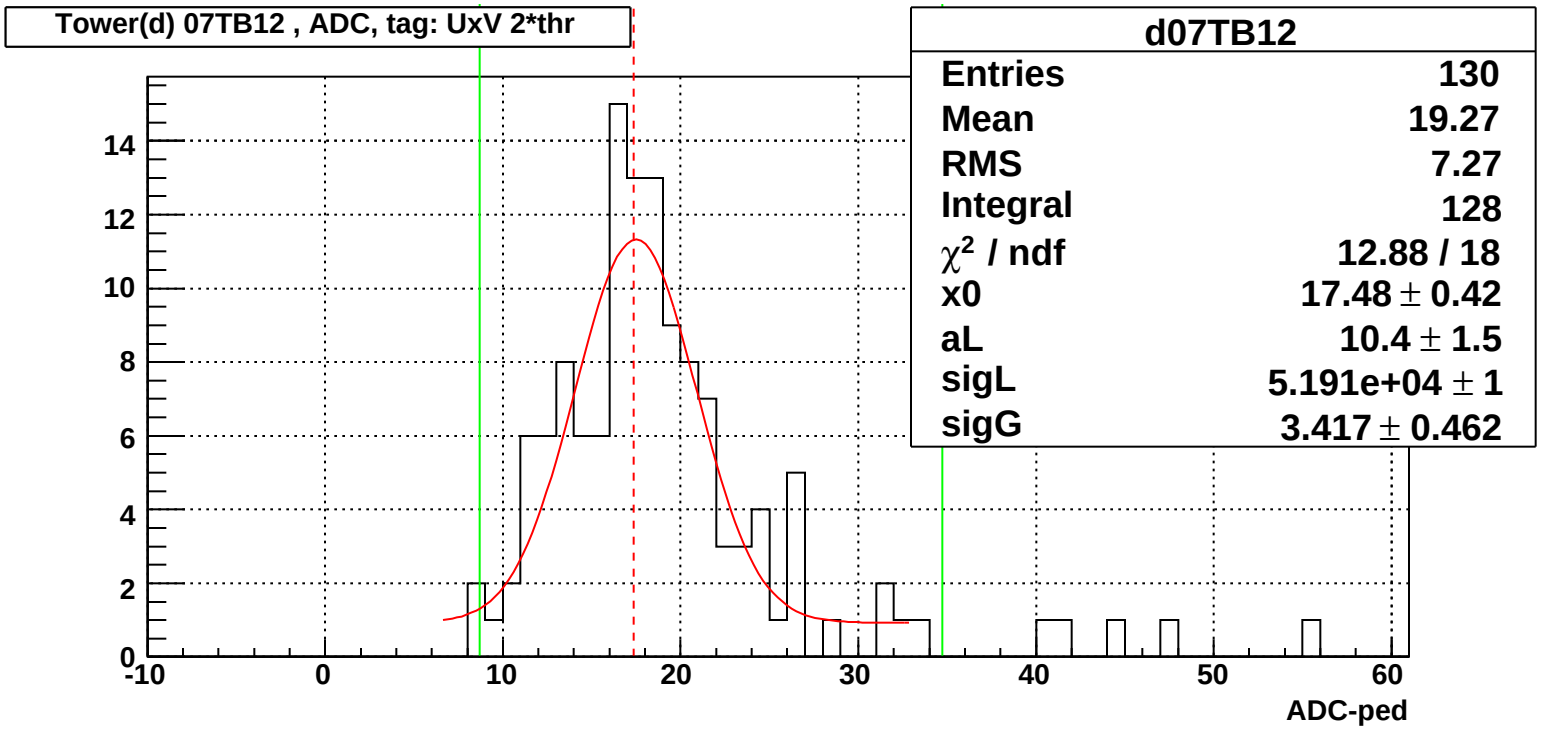

Tower(a) 06TE12 , inclusive ADC
a06TE12
Entries 1793874
Mean 0.3898
RMS 1.54
Integral 1.794e+06
χ² / ndf 1.102e+05 / 8
Constant 8.913e+05 ± 1341
Mean 0.3464 ± 0.0007
Sigma 0.7496 ± 0.0010
ADC-ped

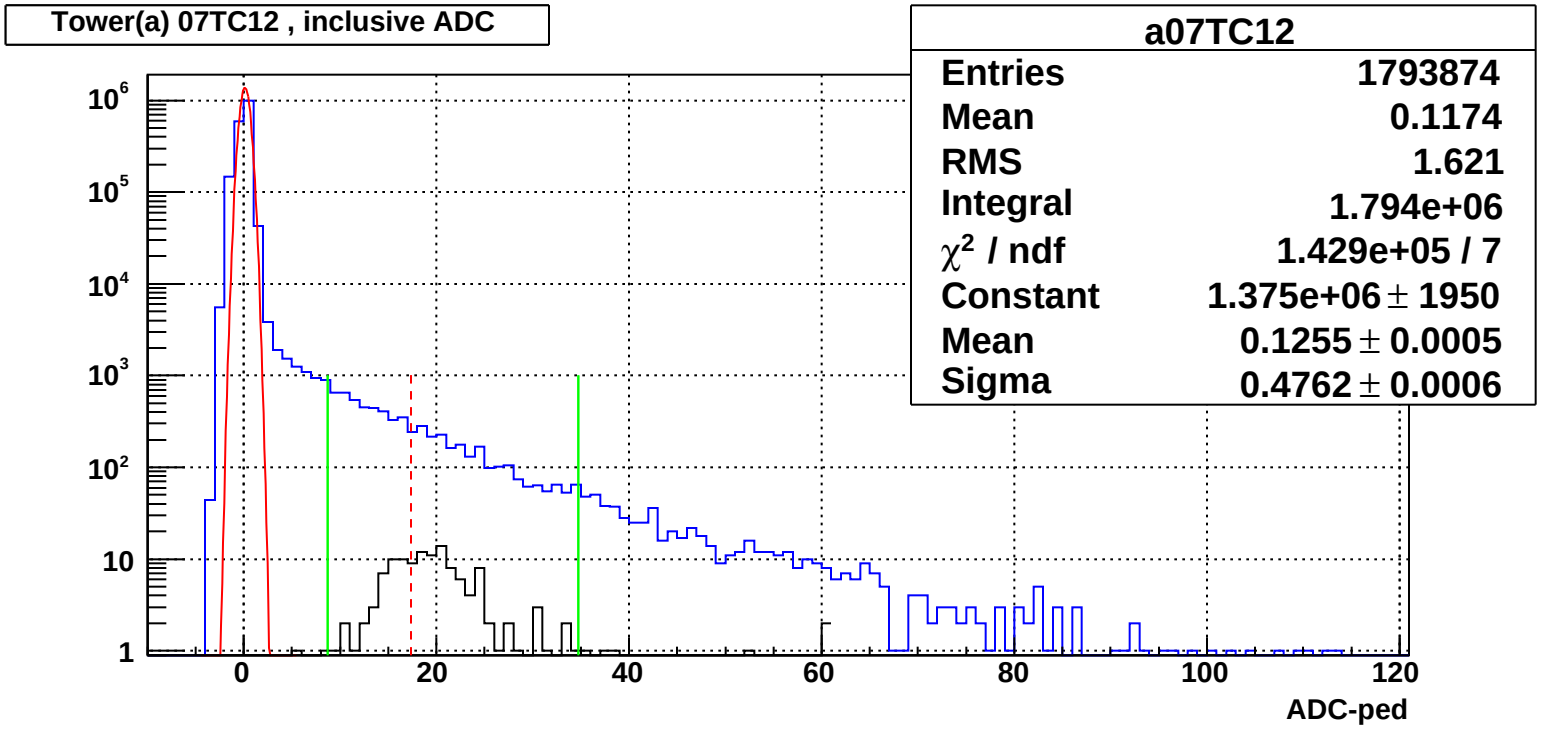

Tower(d) 06TE12 , ADC, tag: UxV 2*thr
d06TE12
Entries 117
Mean 18.57
RMS 7.307
Integral 115
χ² / ndf 12.33 / 16
x0 16.88 ± 0.53
aL 8.973 ± 1.281
sigL 4.04e+04 ± 1
sigG 3.395 ± 0.512
ADC-ped

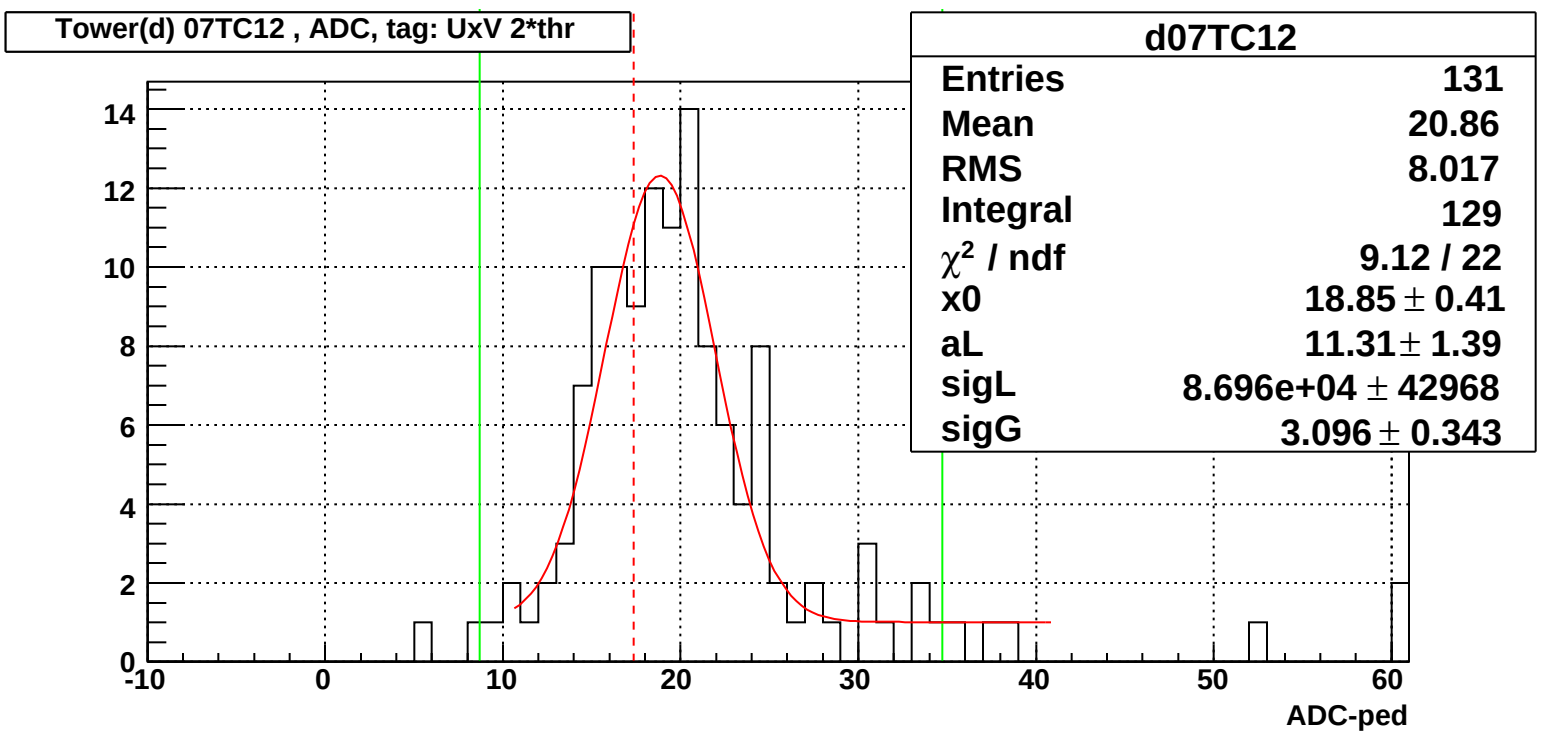

Tower(a) 07TA12 , inclusive ADC
a07TA12
Entries 1793874
Mean 0.3688
RMS 1.733
Integral 1.794e+06
χ² / ndf 7.248e+04 / 8
Constant 1.072e+06 ± 1463
Mean 0.2784 ± 0.0006
Sigma 0.6367 ± 0.0007
ADC-ped

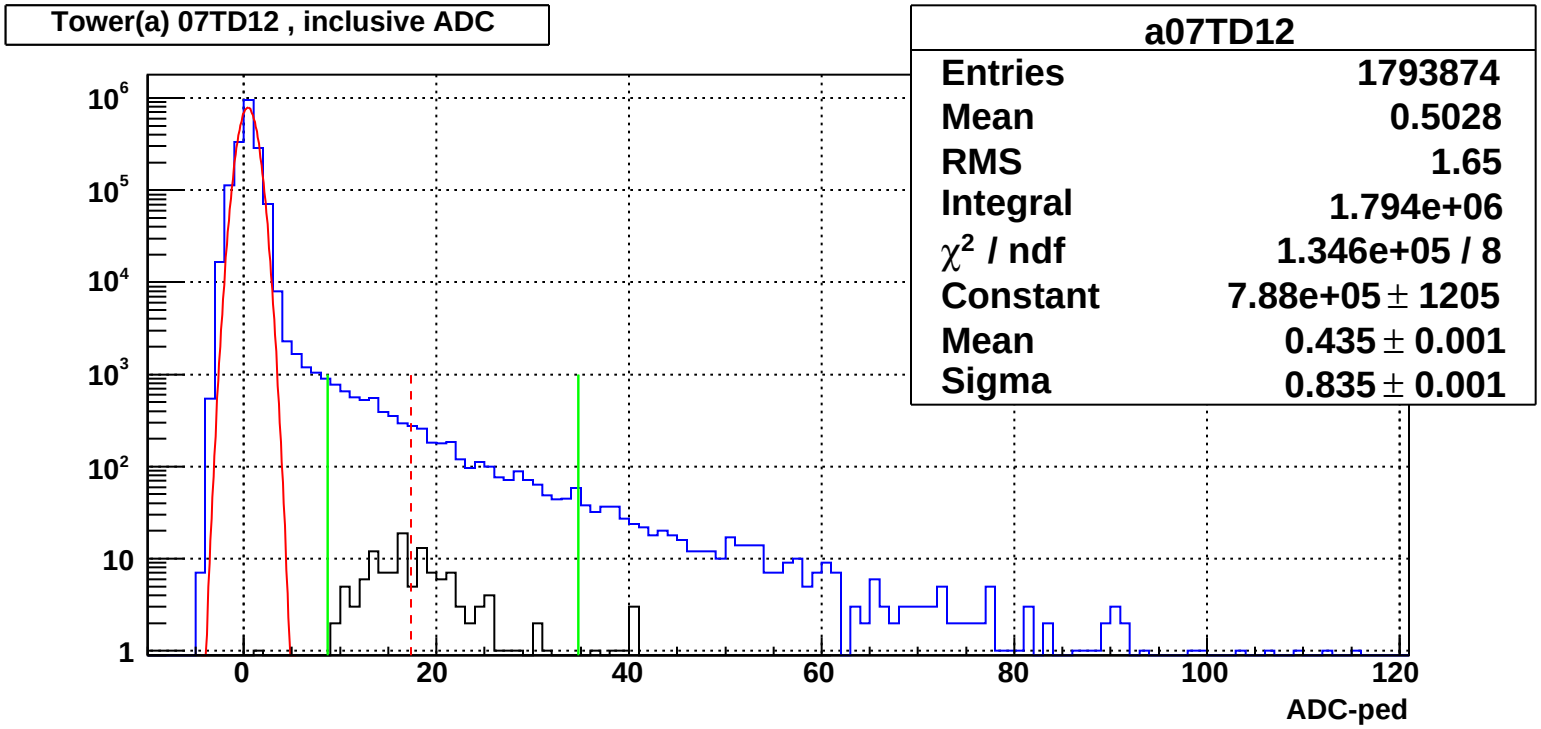

Tower(d) 07TA12 , ADC, tag: UxV 2*thr
d07TA12
Entries 148
Mean 23.49
RMS 9.42
Integral 144
χ² / ndf 22.71 / 22
x0 21.64 ± 0.55
aL 8.469 ± 0.959
sigL 4009 ± 25047.8
sigG 4.22 ± 0.49
ADC-ped

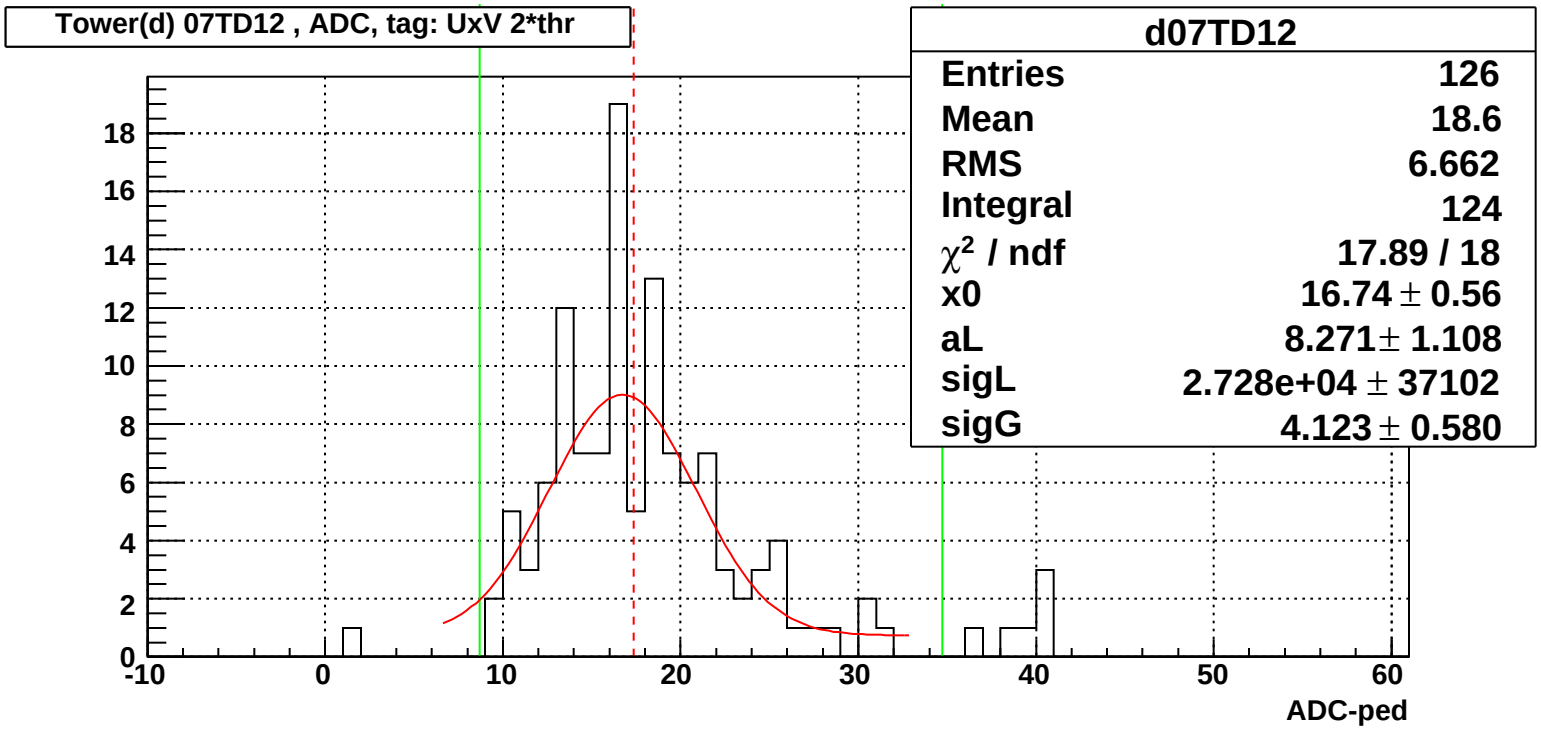

Tower(a) 07TB12 , inclusive ADC
a07TB12
Entries 1793874
Mean 0.2938
RMS 1.475
Integral 1.794e+06
χ² / ndf 7.201e+04 / 7
Constant 1.365e+06 ± 1686
Mean 0.2396 ± 0.0005
Sigma 0.5006 ± 0.0005
ADC-ped

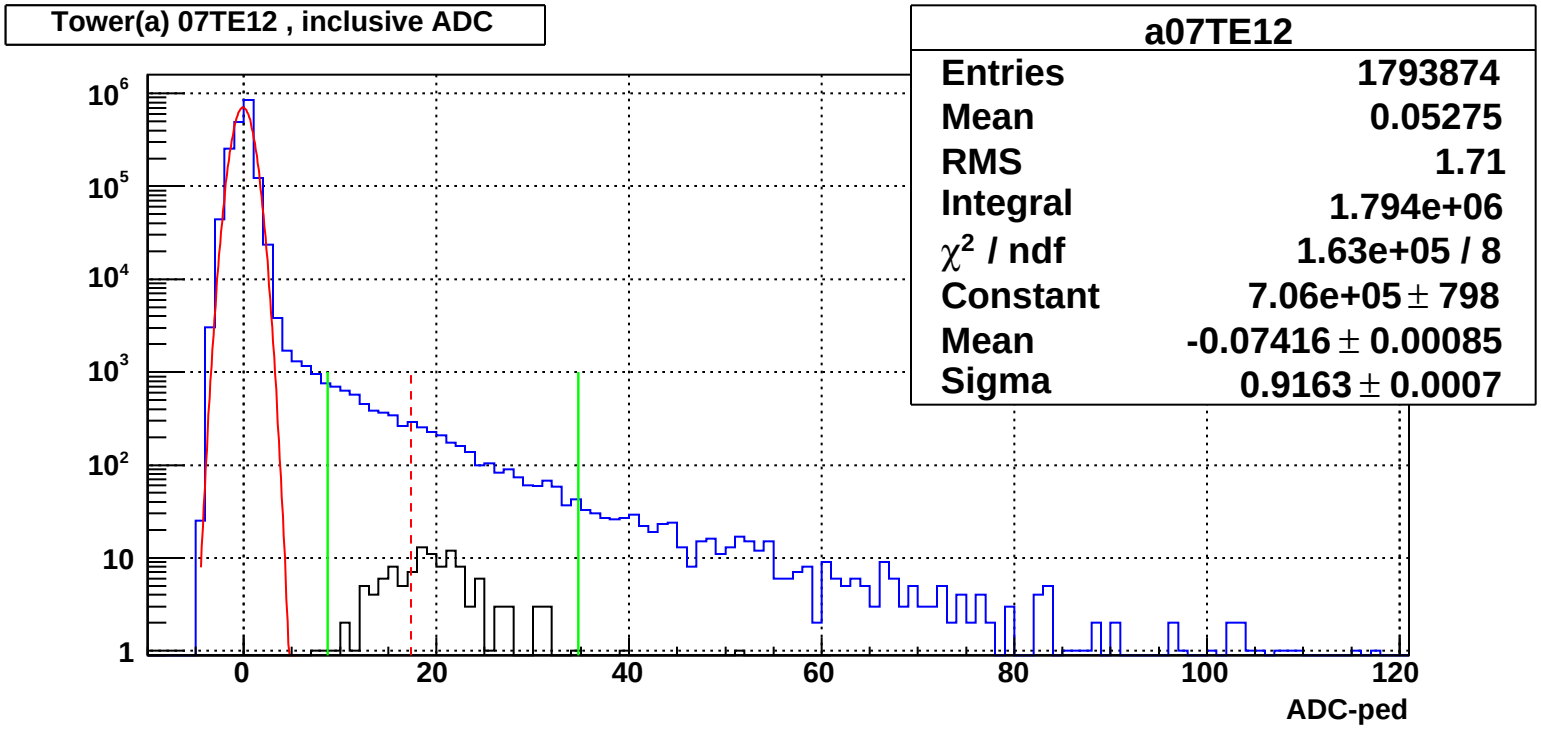

Tower(d) 07TB12 , ADC, tag: UxV 2*thr
d07TB12
Entries 130
Mean 19.27
RMS 7.27
Integral 128
χ² / ndf 12.88 / 18
x0 17.48 ± 0.42
aL 10.4 ± 1.5
sigL 5.191e+04 ± 1
sigG 3.417 ± 0.462
ADC-ped

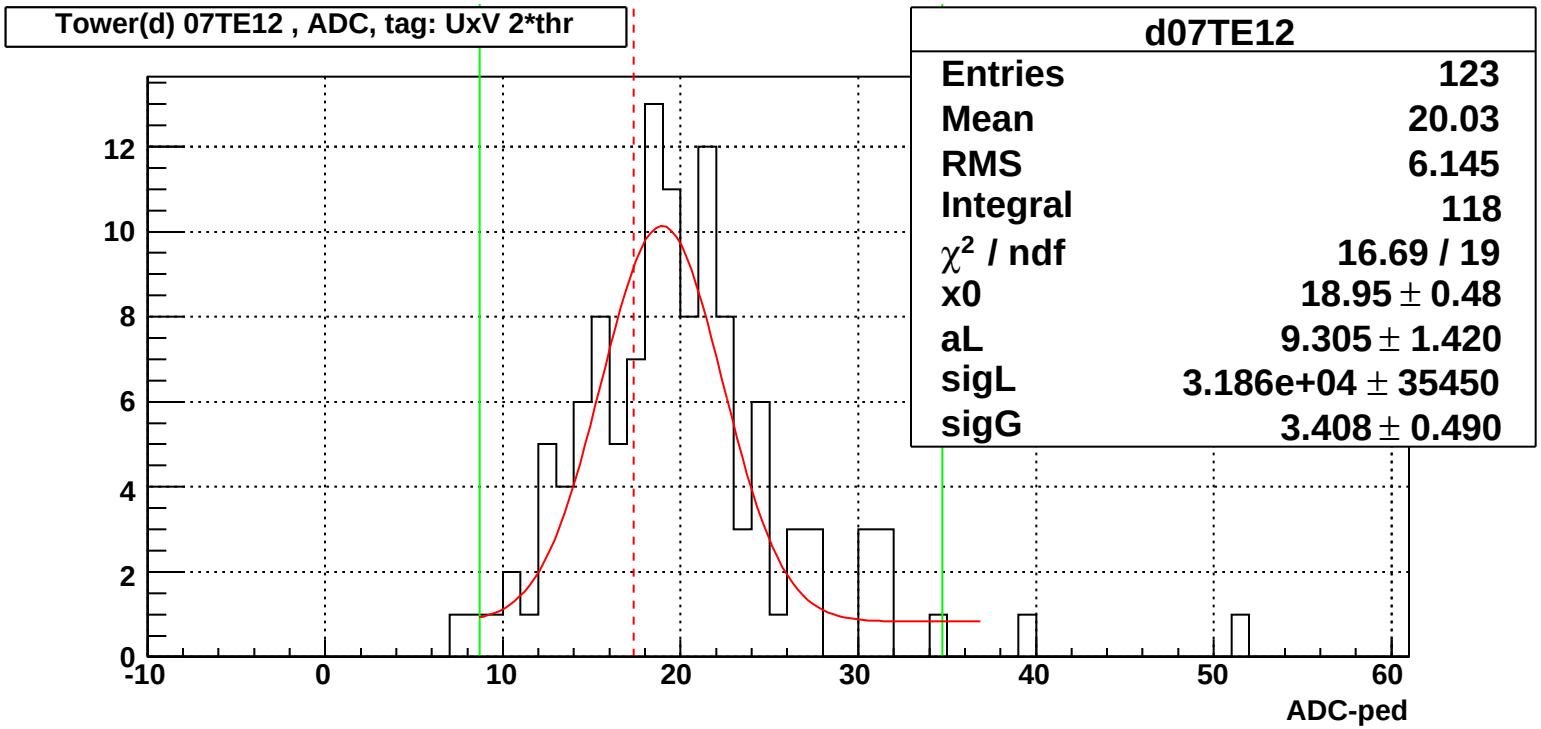

Tower(a) 07TC12 , inclusive ADC
a07TC12
Entries 1793874
Mean 0.1174
RMS 1.621
Integral 1.794e+06
χ² / ndf 1.429e+05 / 7
Constant 1.375e+06 ± 1950
Mean 0.1255 ± 0.0005
Sigma 0.4762 ± 0.0006
ADC-ped

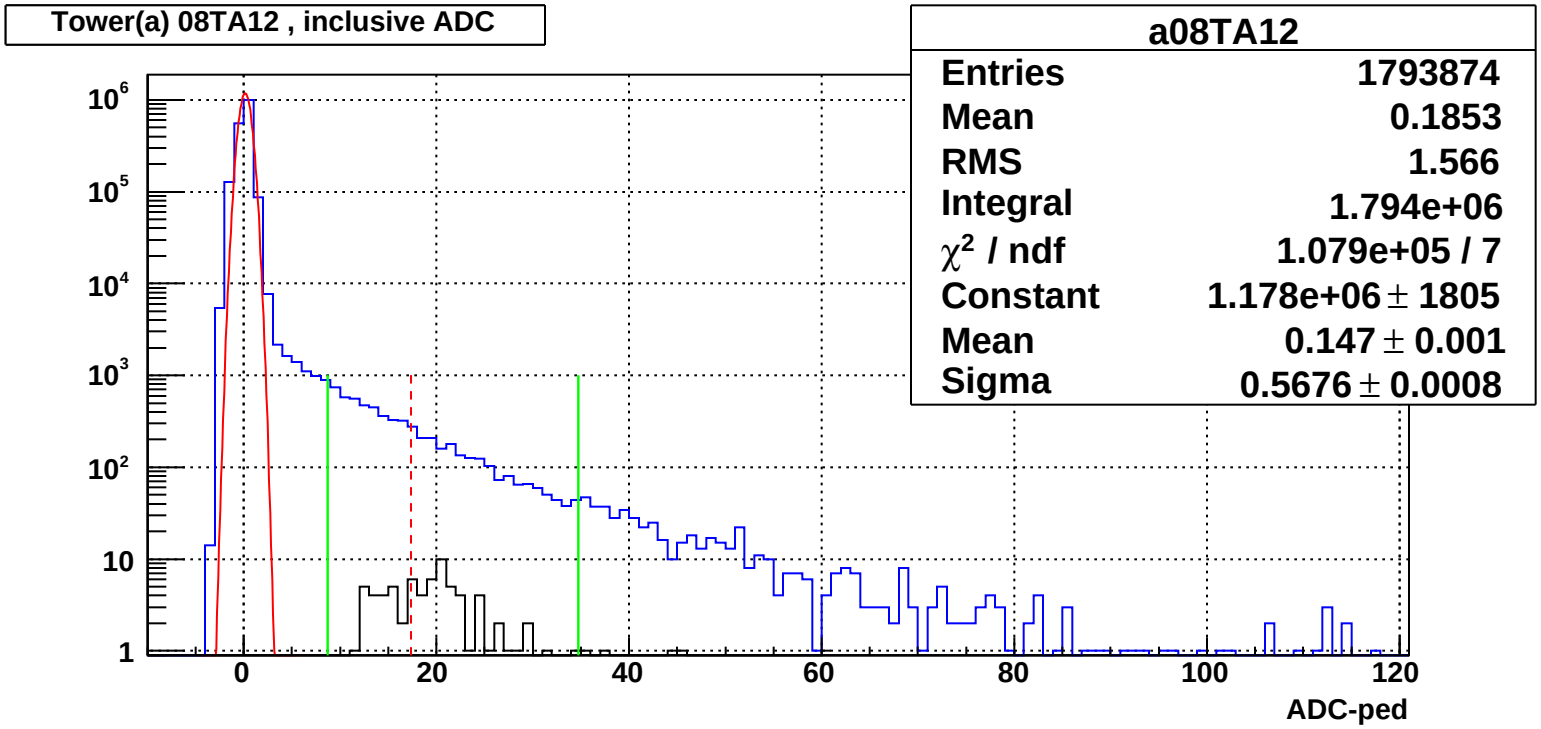

Tower(d) 07TC12 , ADC, tag: UxV 2*thr
d07TC12
Entries 131
Mean 20.86
RMS 8.017
Integral 129
χ² / ndf 9.12 / 22
x0 18.85 ± 0.41
aL 11.31 ± 1.39
sigL 8.696e+04 ± 42968
sigG 3.096 ± 0.343
ADC-ped

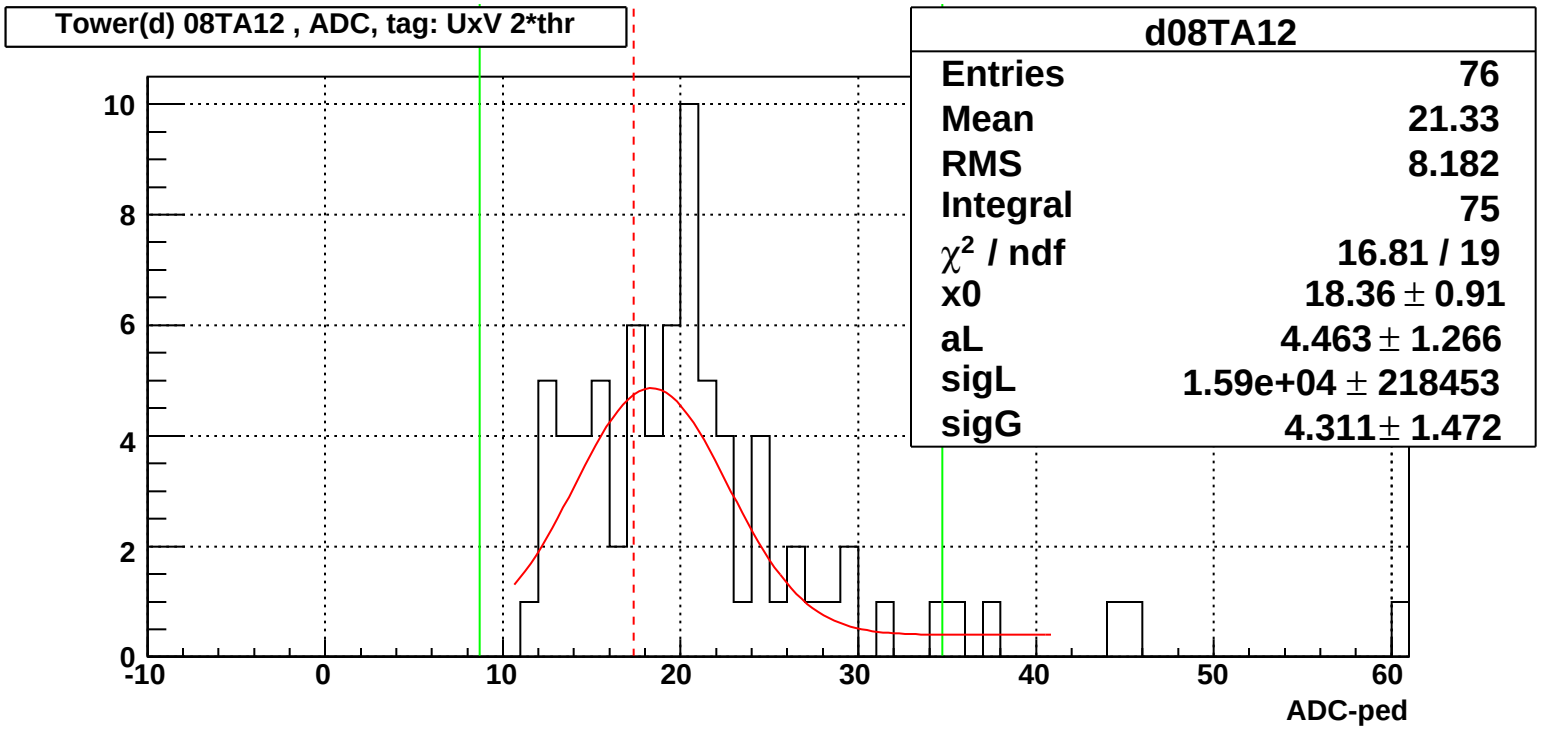

Tower(a) 07TD12 , inclusive ADC
a07TD12
Entries 1793874
Mean 0.5028
RMS 1.65
Integral 1.794e+06
χ² / ndf 1.346e+05 / 8
Constant 7.88e+05 ± 1205
Mean 0.435 ± 0.001
Sigma 0.835 ± 0.001
ADC-ped

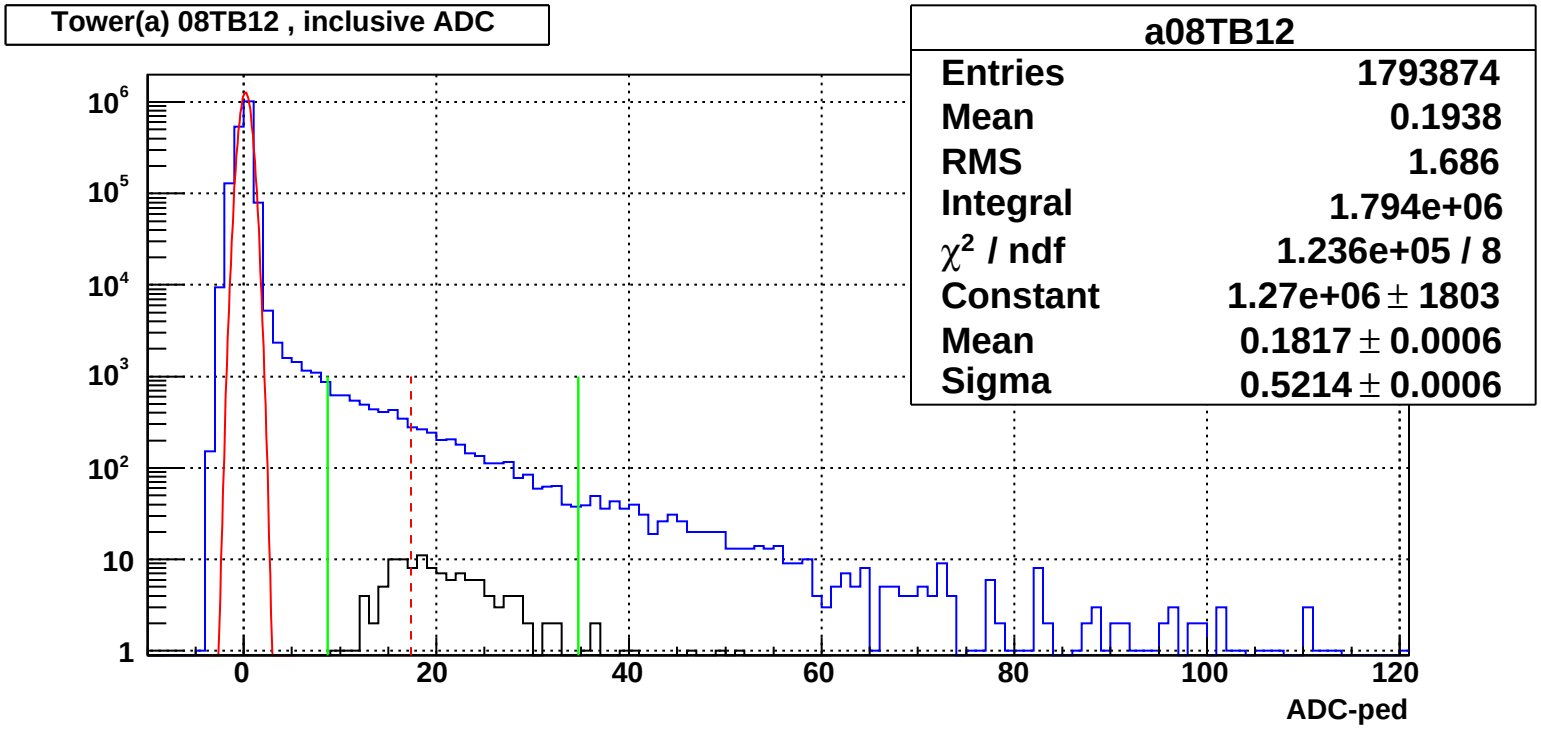

Tower(d) 07TD12 , ADC, tag: UxV 2*thr
d07TD12
Entries 126
Mean 18.6
RMS 6.662
Integral 124
χ² / ndf 17.89 / 18
x0 16.74 ± 0.56
aL 8.271 ± 1.108
sigL 2.728e+04 ± 37102
sigG 4.123 ± 0.580
ADC-ped

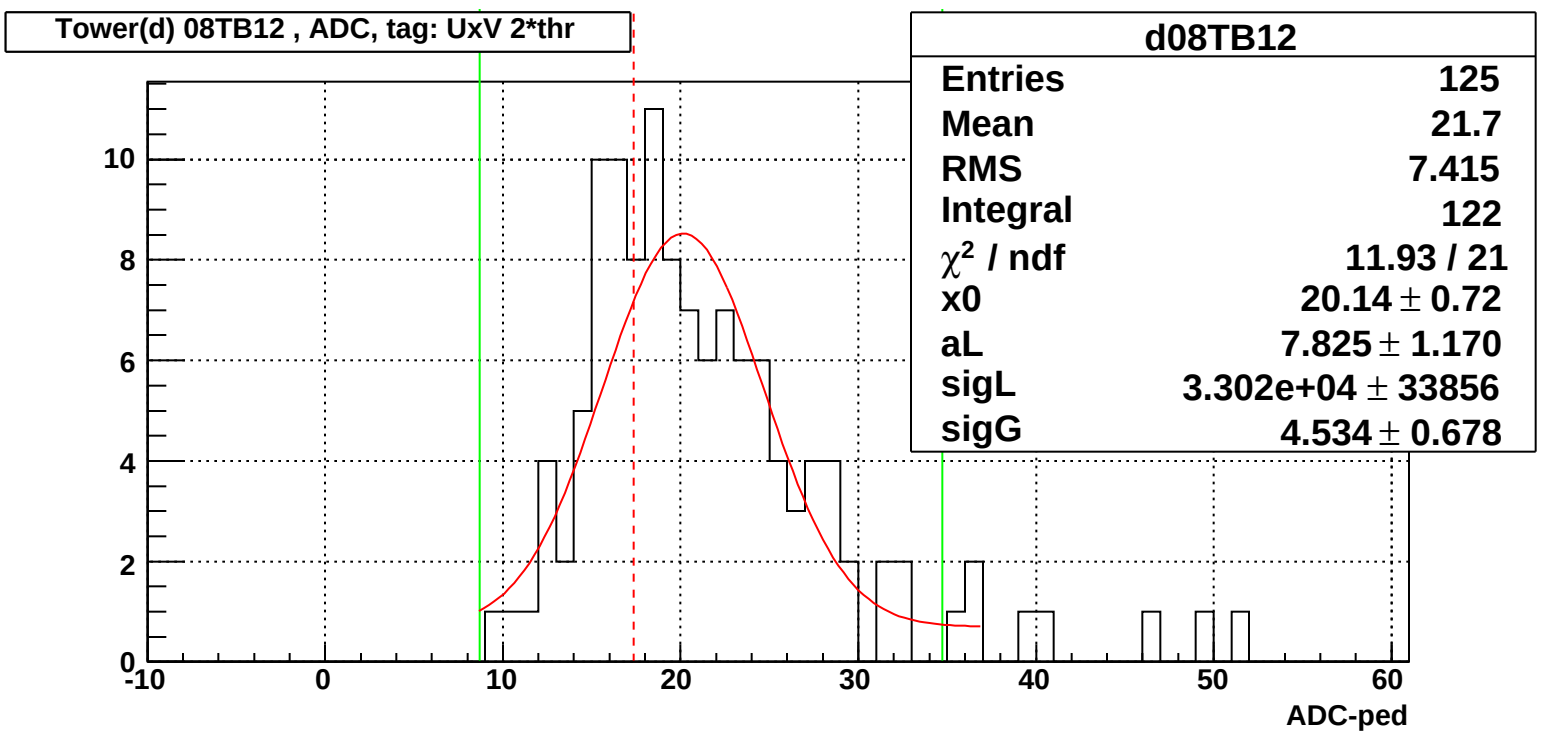

Tower(a) 07TE12 , inclusive ADC
a07TE12
Entries 1793874
Mean 0.05275
RMS 1.71
Integral 1.794e+06
χ² / ndf 1.63e+05 / 8
Constant 7.06e+05 ± 798
Mean -0.07416 ± 0.00085
Sigma 0.9163 ± 0.0007
ADC-ped

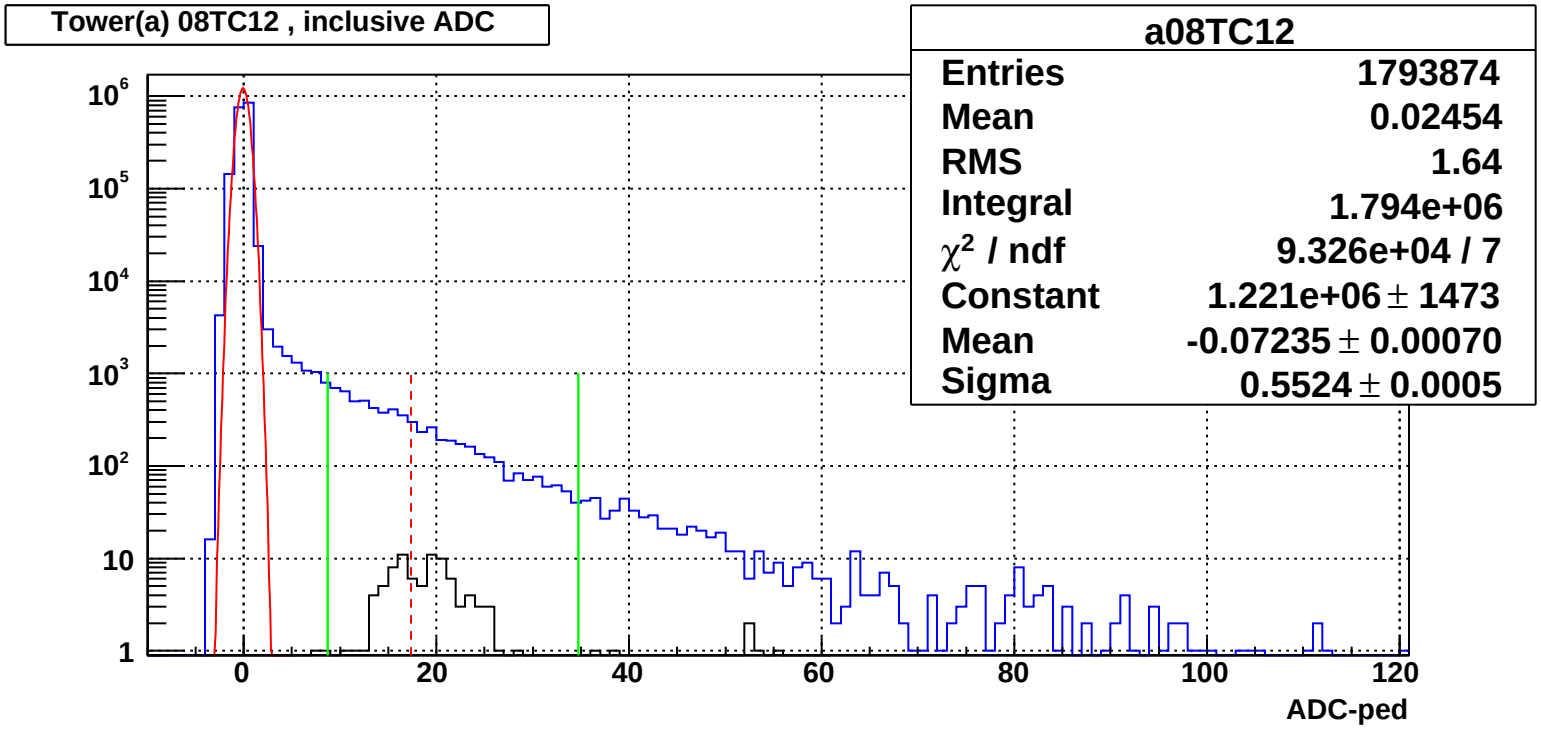

Tower(d) 07TE12 , ADC, tag: UxV 2*thr
d07TE12
Entries 123
Mean 20.03
RMS 6.145
Integral 118
χ² / ndf 16.69 / 19
x0 18.95 ± 0.48
aL 9.305 ± 1.420
sigL 3.186e+04 ± 35450
sigG 3.408 ± 0.490
ADC-ped

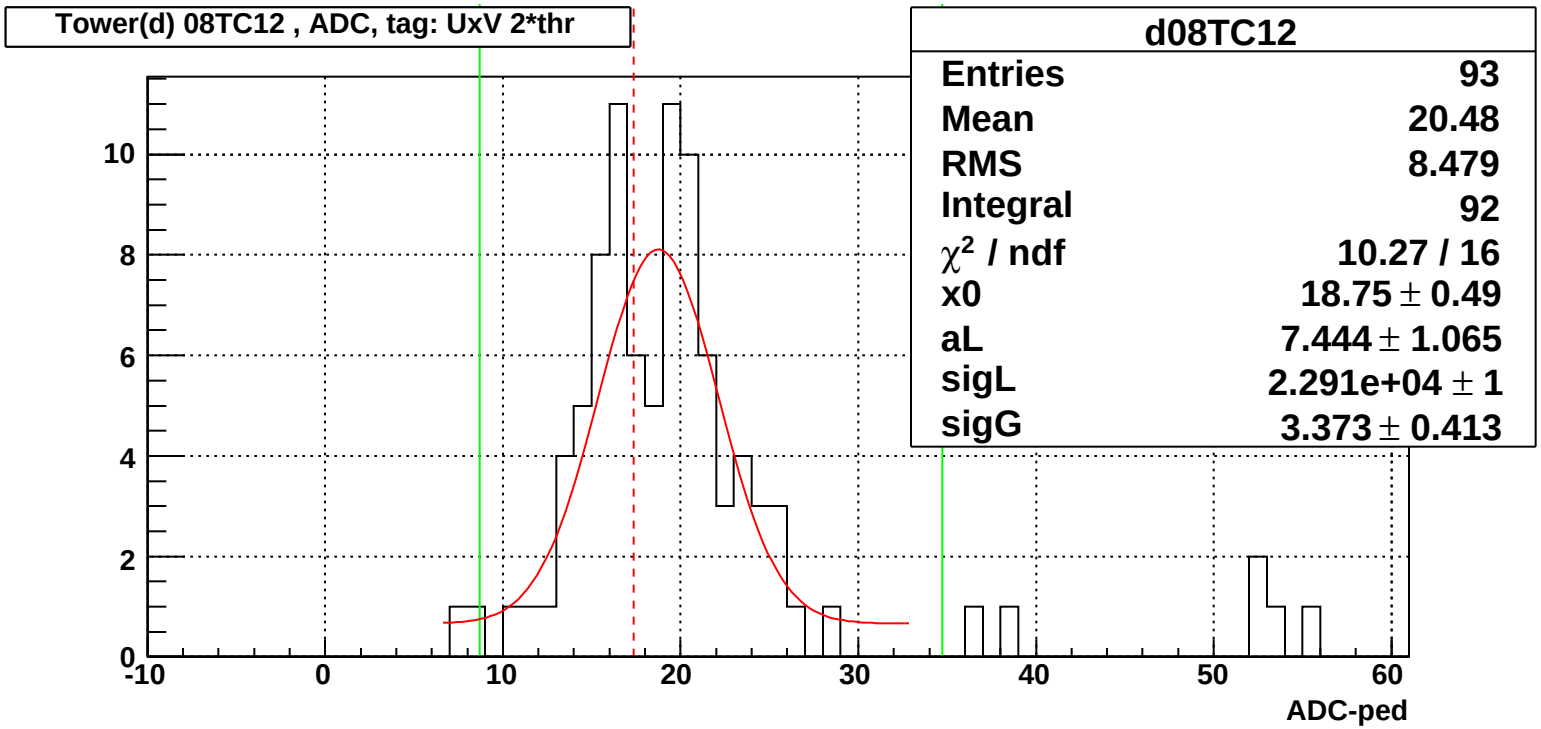

Tower(a) 08TA12 , inclusive ADC
a08TA12
Entries 1793874
Mean 0.1853
RMS 1.566
Integral 1.794e+06
χ² / ndf 1.079e+05 / 7
Constant 1.178e+06 ± 1805
Mean 0.147 ± 0.001
Sigma 0.5676 ± 0.0008
ADC-ped

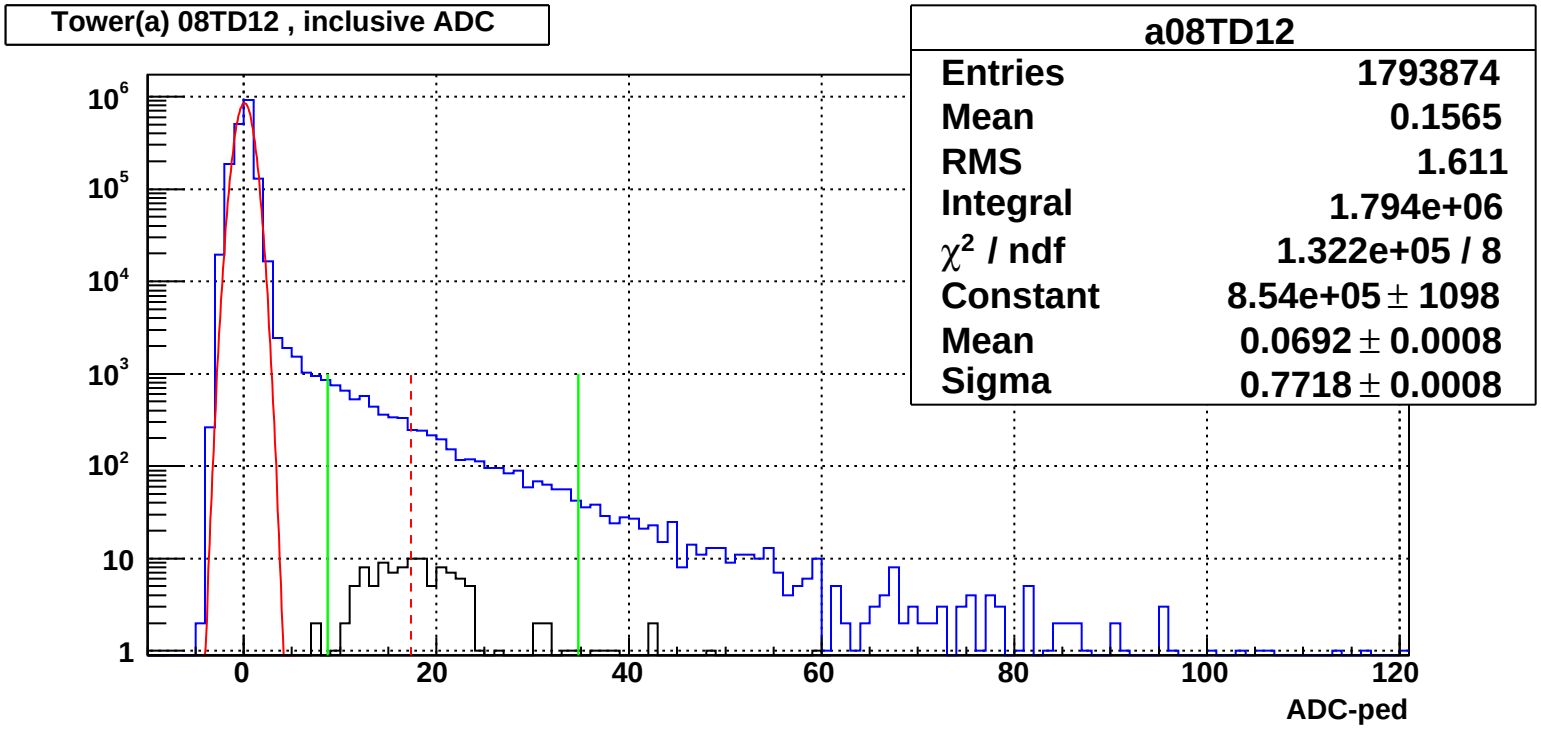

Tower(d) 08TA12 , ADC, tag: UxV 2*thr
d08TA12
Entries 76
Mean 21.33
RMS 8.182
Integral 75
χ² / ndf 16.81 / 19
x0 18.36 ± 0.91
aL 4.463 ± 1.266
sigL 1.59e+04 ± 218453
sigG 4.311 ± 1.472
ADC-ped

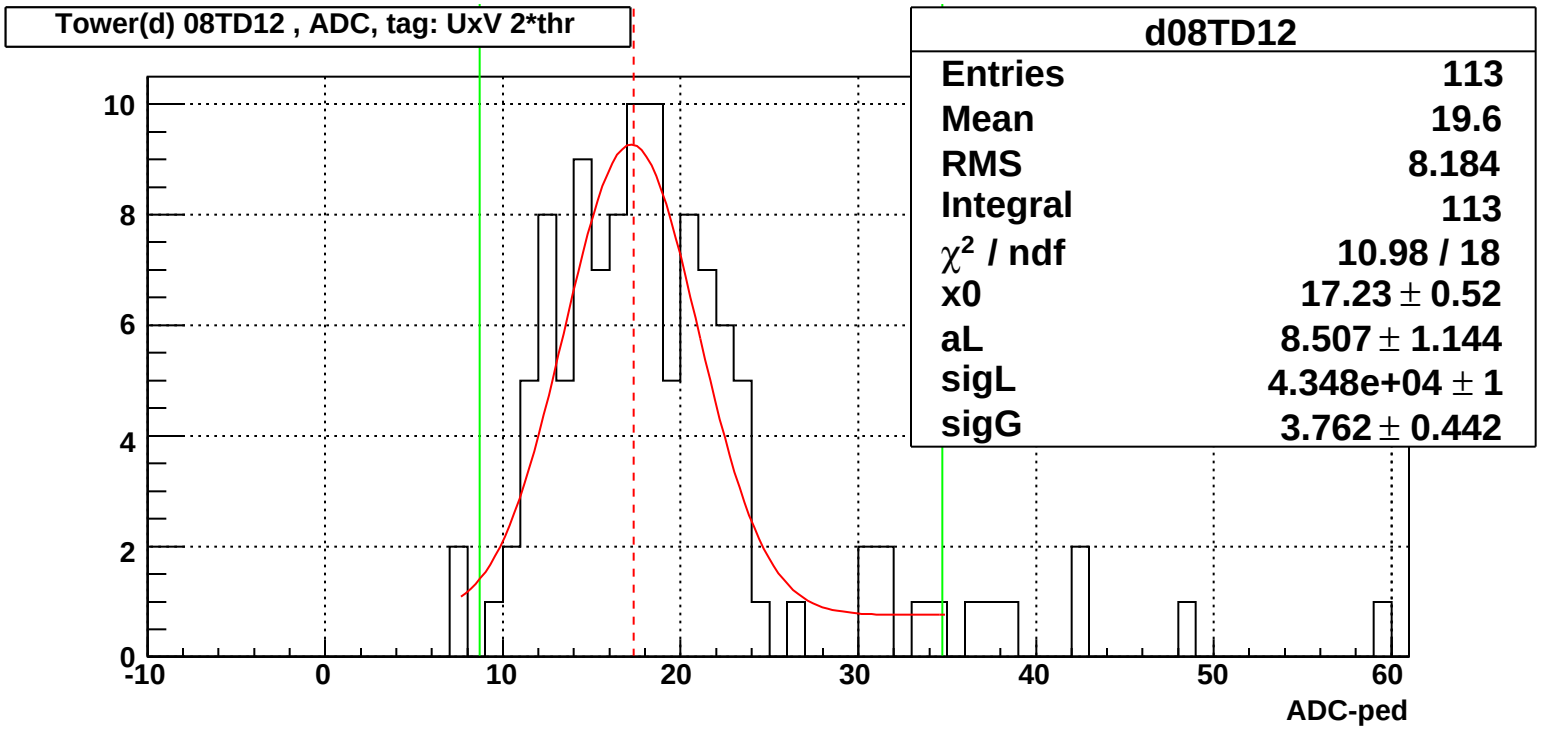

Tower(a) 08TB12 , inclusive ADC
a08TB12
Entries 1793874
Mean 0.1938
RMS 1.686
Integral 1.794e+06
χ² / ndf 1.236e+05 / 8
Constant 1.27e+06 ± 1803
Mean 0.1817 ± 0.0006
Sigma 0.5214 ± 0.0006
ADC-ped

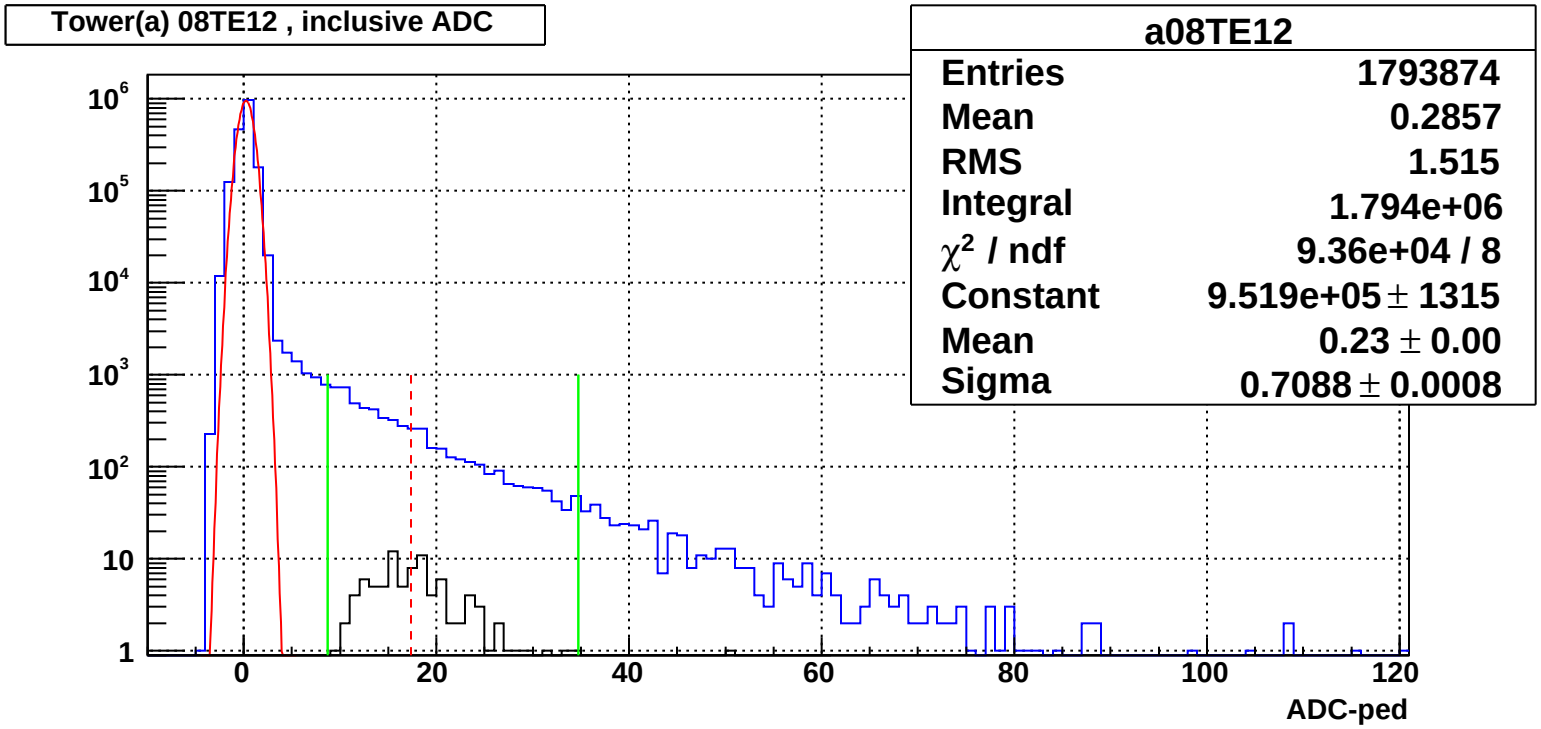

Tower(d) 08TB12 , ADC, tag: UxV 2*thr
d08TB12
Entries 125
Mean 21.7
RMS 7.415
Integral 122
χ² / ndf 11.93 / 21
x0 20.14 ± 0.72
aL 7.825 ± 1.170
sigL 3.302e+04 ± 33856
sigG 4.534 ± 0.678
ADC-ped

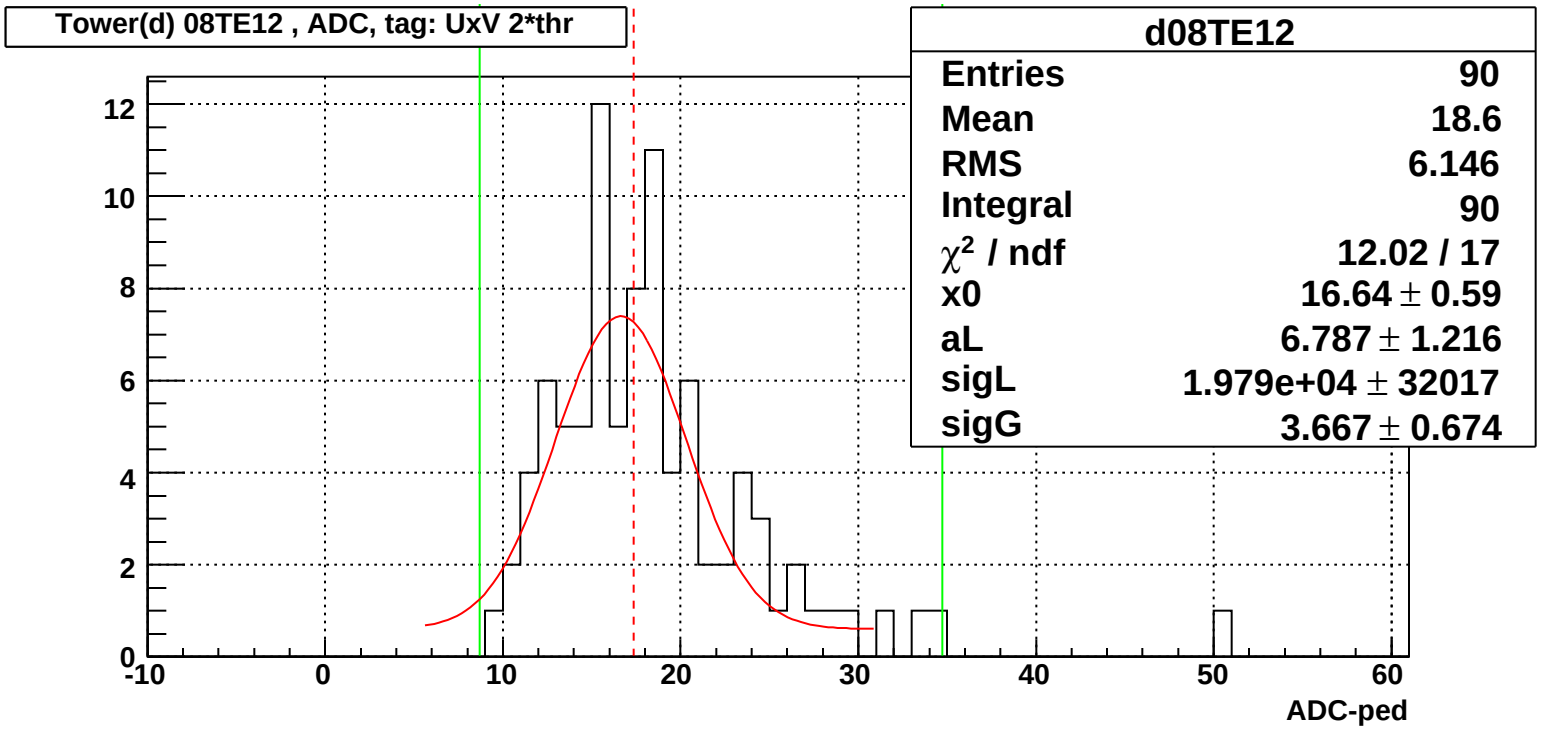

Tower(a) 08TC12 , inclusive ADC
a08TC12
Entries 1793874
Mean 0.02454
RMS 1.64
Integral 1.794e+06
χ² / ndf 9.326e+04 / 7
Constant 1.221e+06 ± 1473
Mean -0.07235 ± 0.00070
Sigma 0.5524 ± 0.0005
ADC-ped

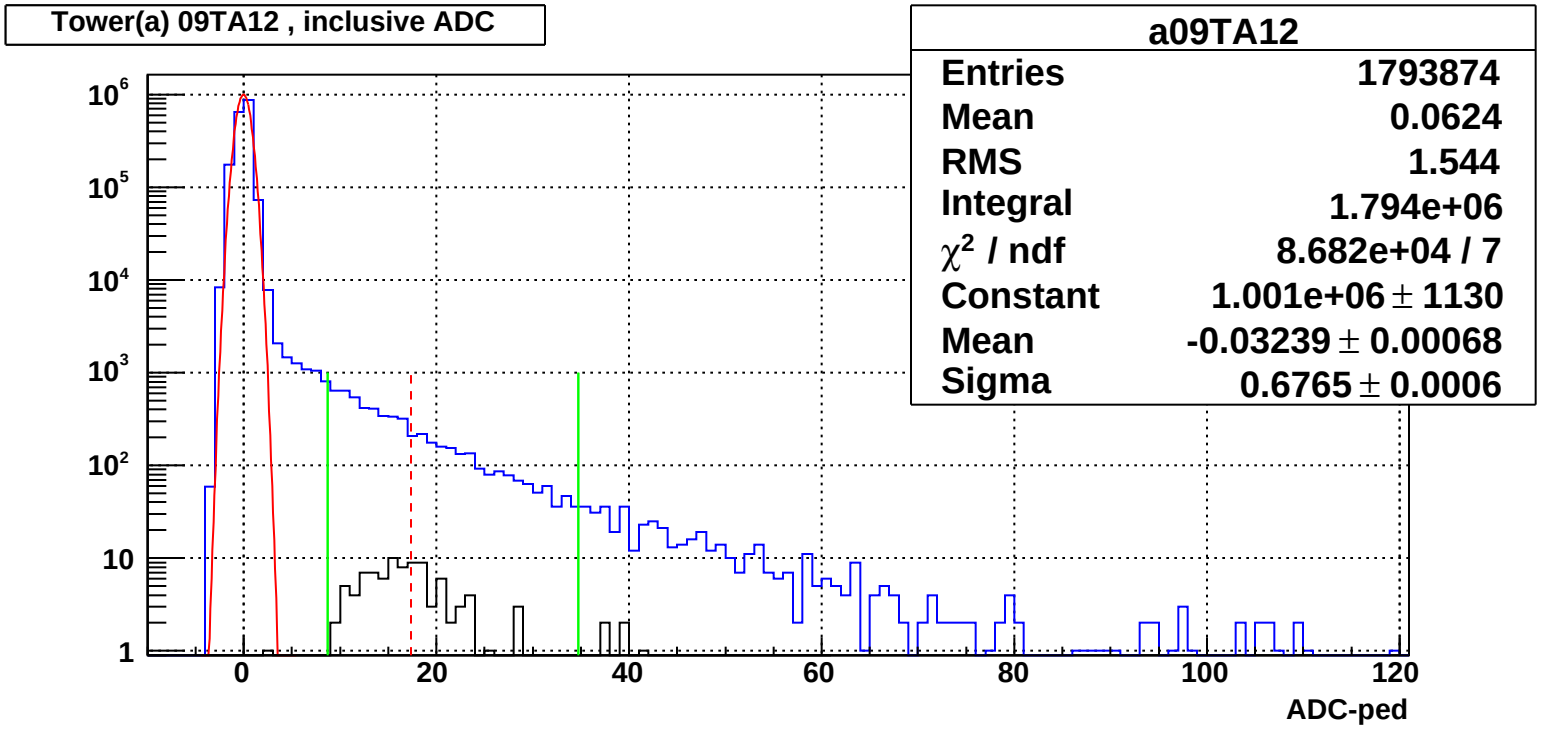

Tower(d) 08TC12 , ADC, tag: UxV 2*thr
d08TC12
Entries 93
Mean 20.48
RMS 8.479
Integral 92
χ² / ndf 10.27 / 16
x0 18.75 ± 0.49
aL 7.444 ± 1.065
sigL 2.291e+04 ± 1
sigG 3.373 ± 0.413
ADC-ped

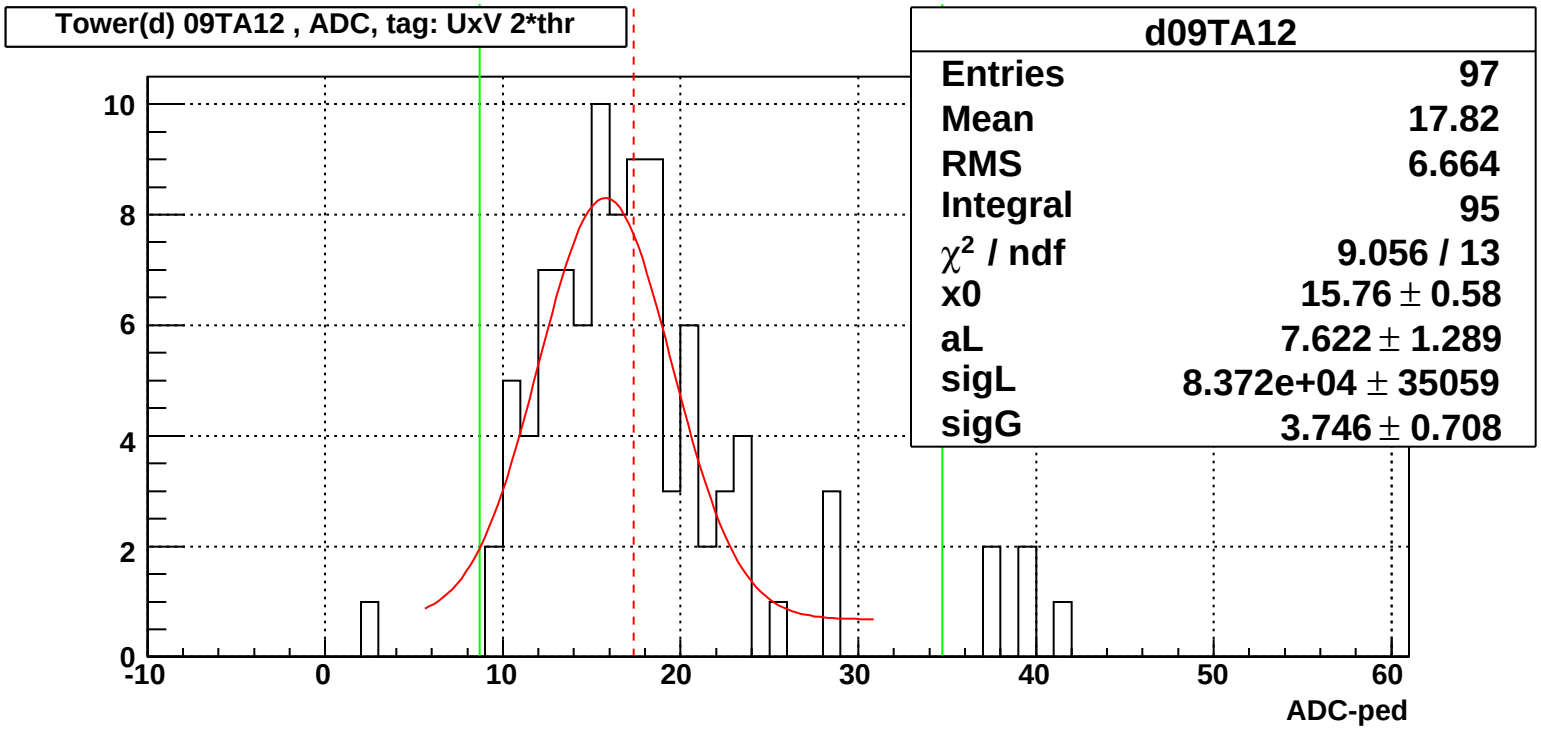

Tower(a) 08TD12 , inclusive ADC
a08TD12
Entries 1793874
Mean 0.1565
RMS 1.611
Integral 1.794e+06
χ² / ndf 1.322e+05 / 8
Constant 8.54e+05 ± 1098
Mean 0.0692 ± 0.0008
Sigma 0.7718 ± 0.0008
ADC-ped

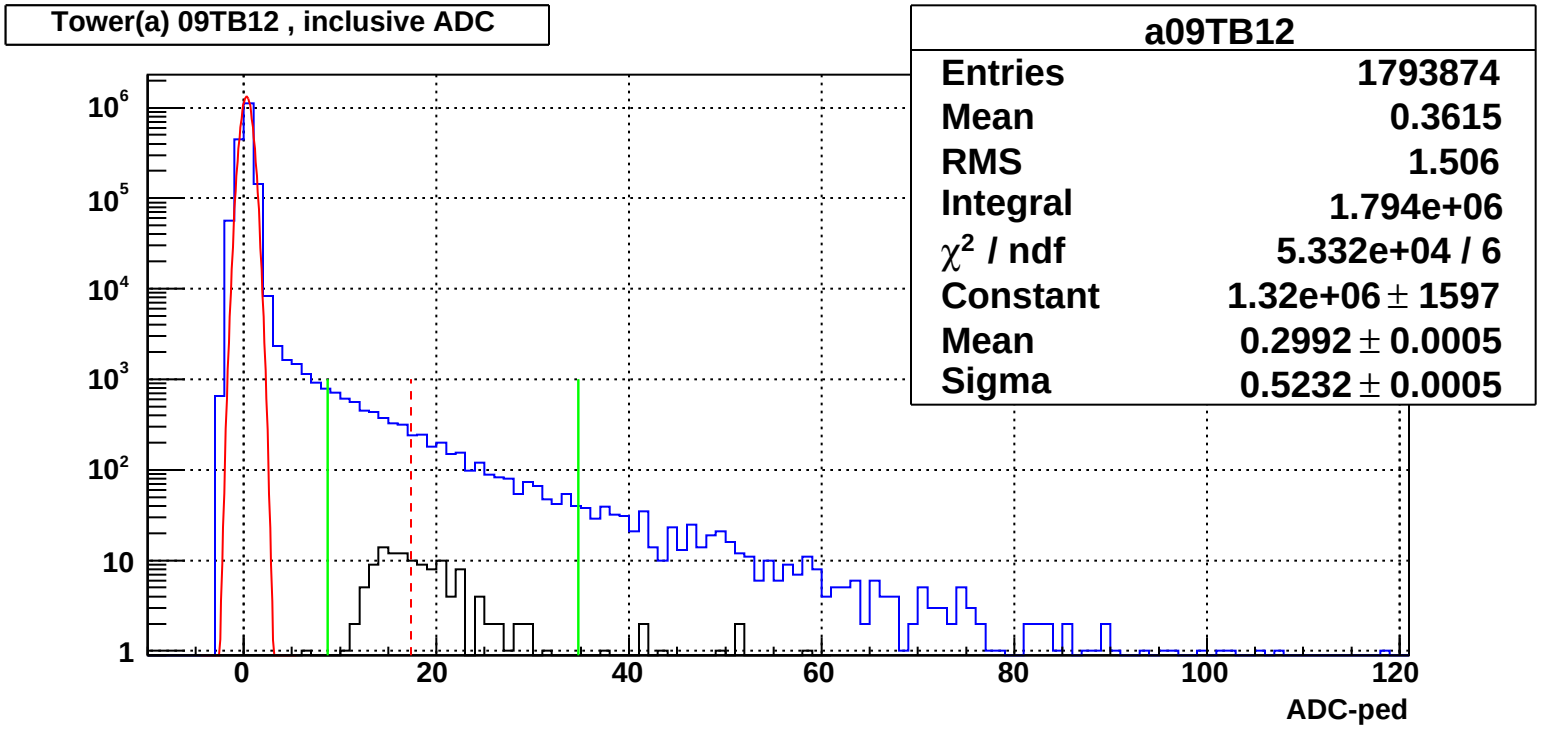

Tower(d) 08TD12 , ADC, tag: UxV 2*thr
d08TD12
Entries 113
Mean 19.6
RMS 8.184
Integral 113
χ² / ndf 10.98 / 18
x0 17.23 ± 0.52
aL 8.507 ± 1.144
sigL 4.348e+04 ± 1
sigG 3.762 ± 0.442
ADC-ped

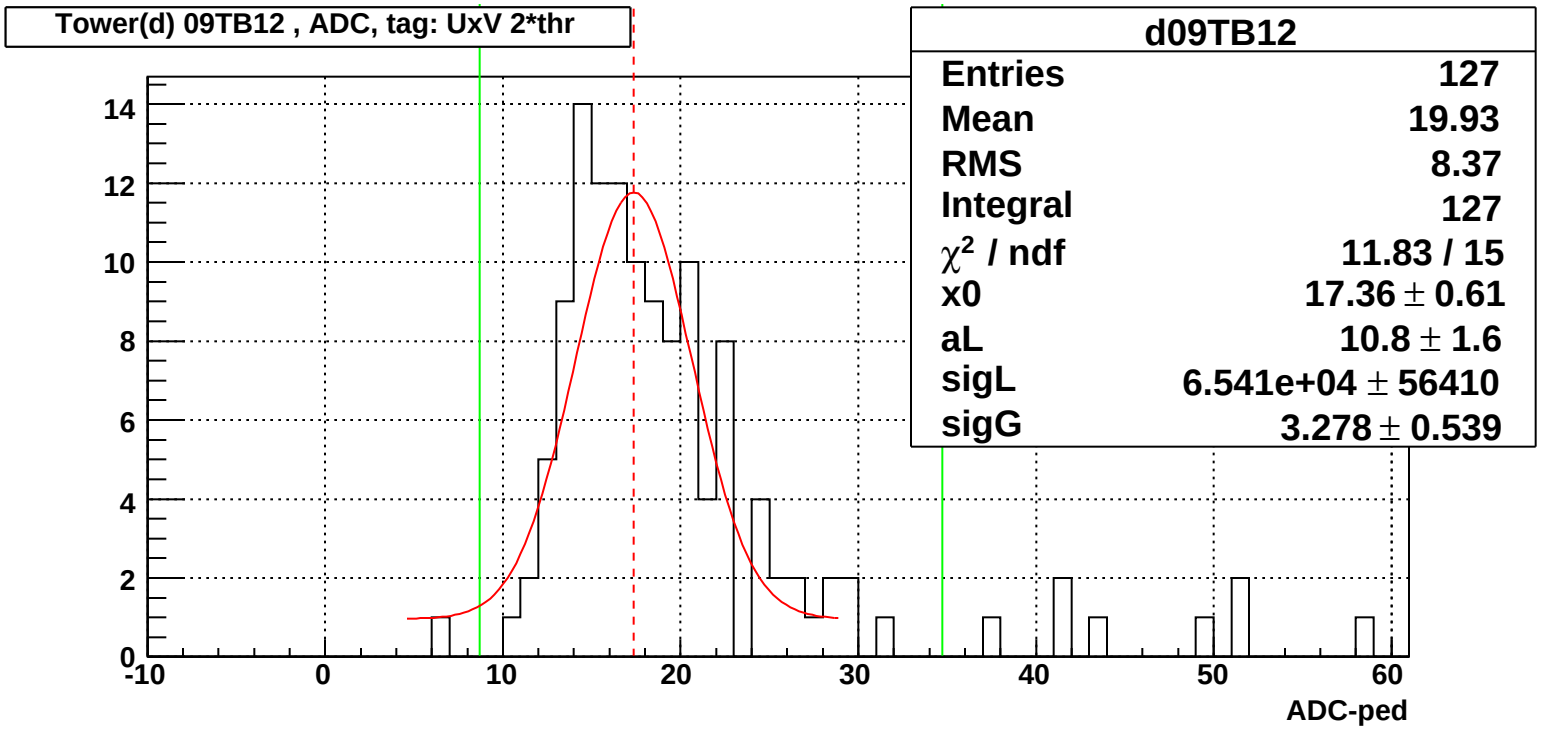

Tower(a) 08TE12 , inclusive ADC
a08TE12
Entries 1793874
Mean 0.2857
RMS 1.515
Integral 1.794e+06
χ² / ndf 9.36e+04 / 8
Constant 9.519e+05 ± 1315
Mean 0.23 ± 0.00
Sigma 0.7088 ± 0.0008
ADC-ped

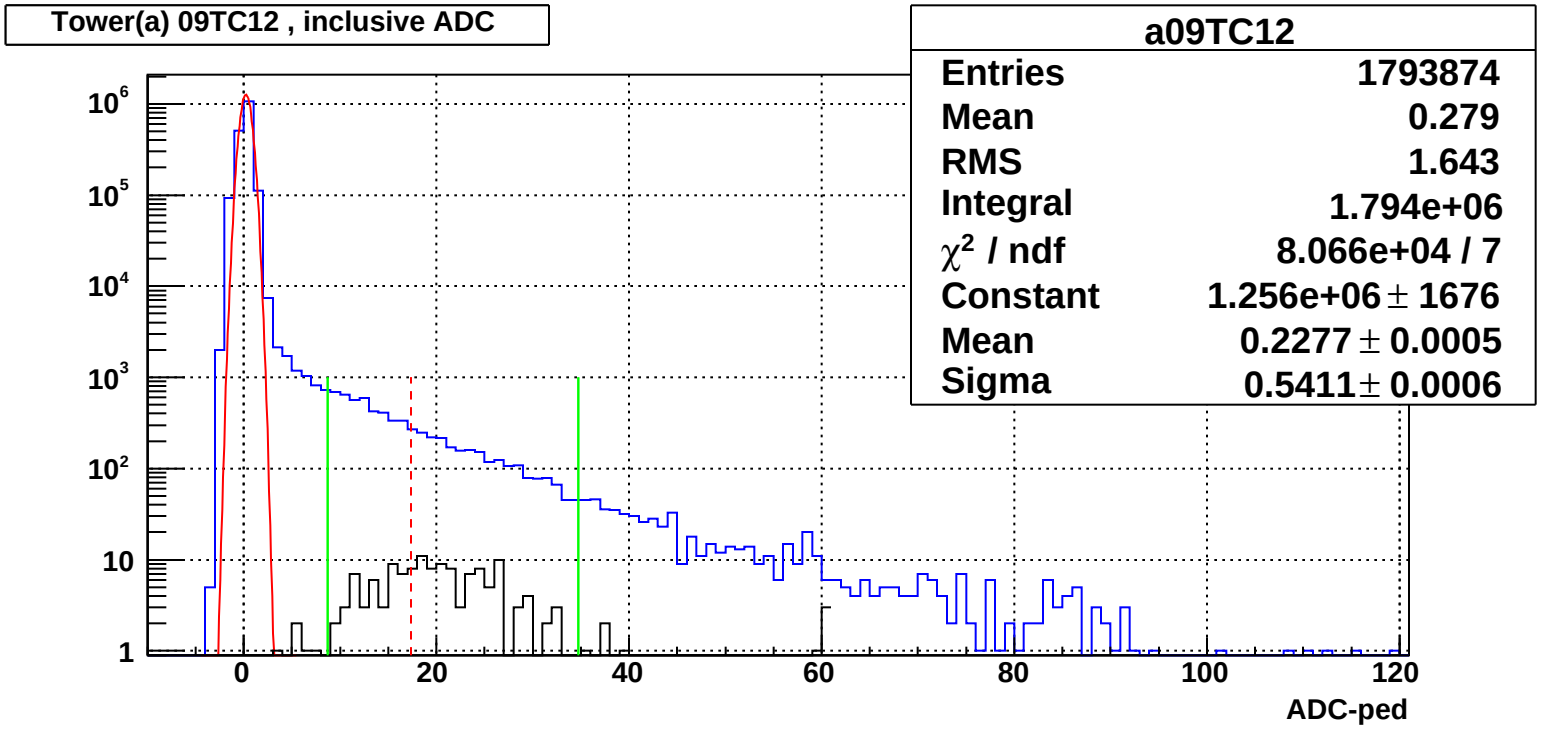

Tower(d) 08TE12 , ADC, tag: UxV 2*thr
d08TE12
Entries 90
Mean 18.6
RMS 6.146
Integral 90
χ² / ndf 12.02 / 17
x0 16.64 ± 0.59
aL 6.787 ± 1.216
sigL 1.979e+04 ± 32017
sigG 3.667 ± 0.674
ADC-ped

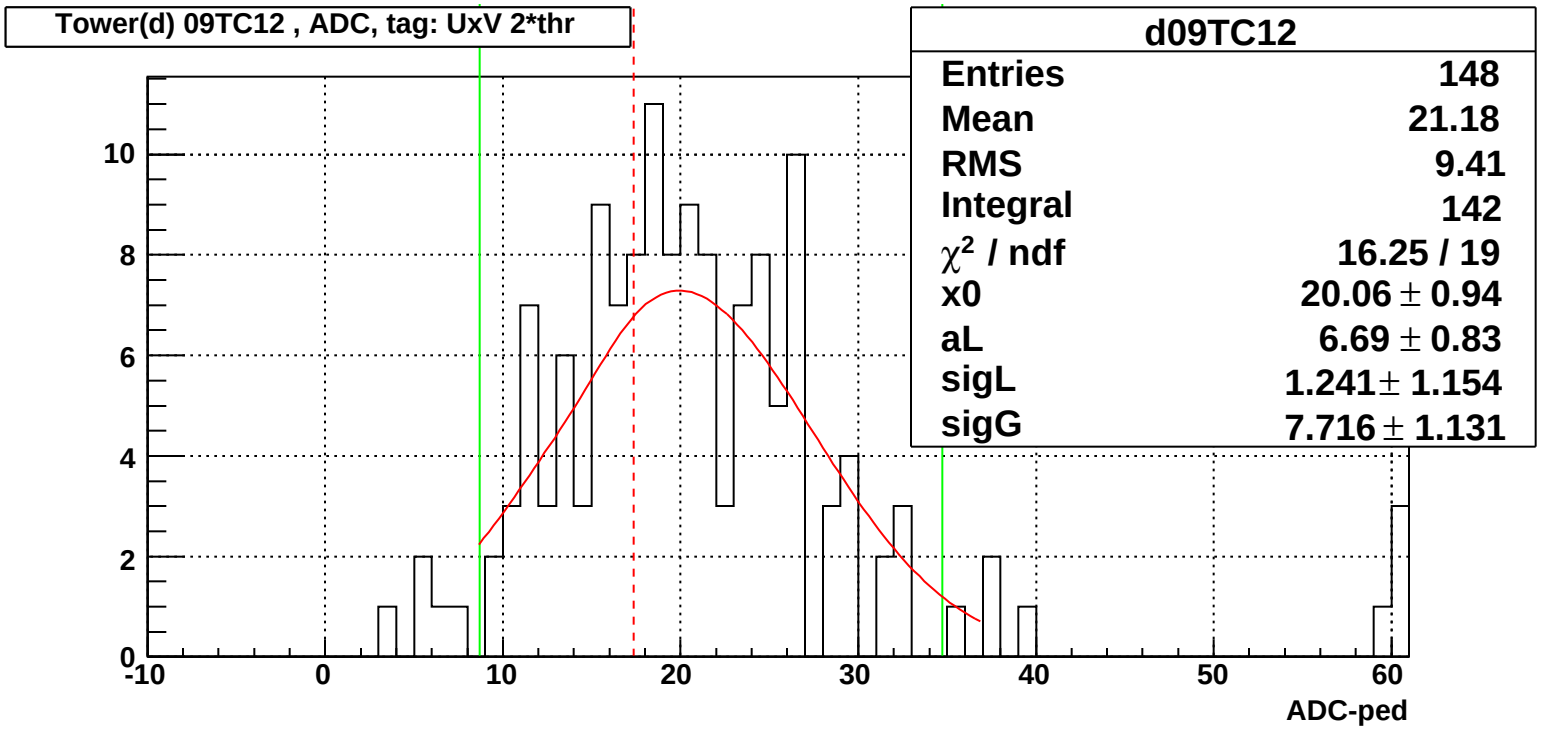

Tower(a) 09TA12 , inclusive ADC
a09TA12
Entries 1793874
Mean 0.0624
RMS 1.544
Integral 1.794e+06
χ² / ndf 8.682e+04 / 7
Constant 1.001e+06 ± 1130
Mean -0.03239 ± 0.00068
Sigma 0.6765 ± 0.0006
ADC-ped

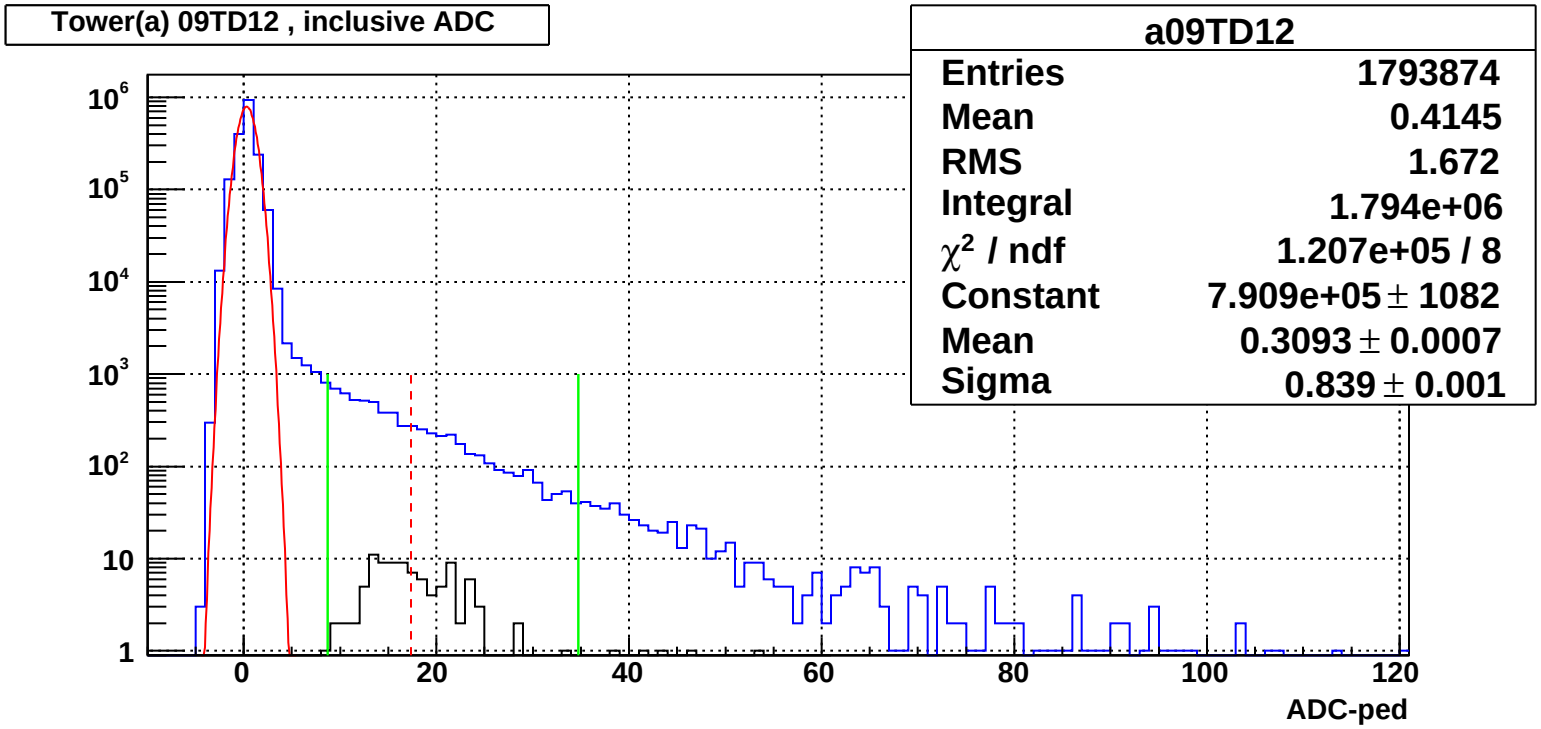

Tower(d) 09TA12 , ADC, tag: UxV 2*thr
d09TA12
Entries 97
Mean 17.82
RMS 6.664
Integral 95
χ² / ndf 9.056 / 13
x0 15.76 ± 0.58
aL 7.622 ± 1.289
sigL 8.372e+04 ± 35059
sigG 3.746 ± 0.708
ADC-ped

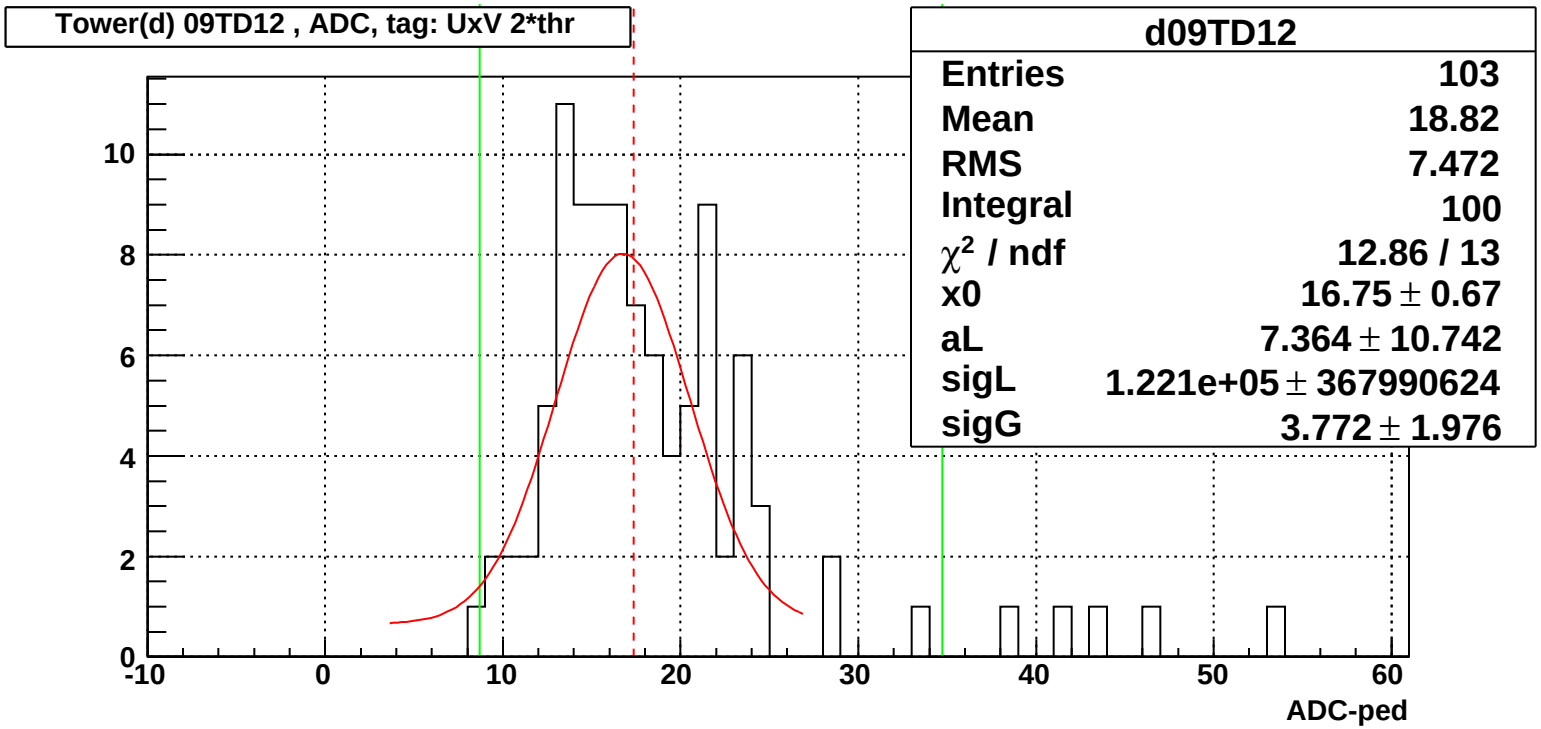

Tower(a) 09TB12 , inclusive ADC
a09TB12
Entries 1793874
Mean 0.3615
RMS 1.506
Integral 1.794e+06
χ² / ndf 5.332e+04 / 6
Constant 1.32e+06 ± 1597
Mean 0.2992 ± 0.0005
Sigma 0.5232 ± 0.0005
ADC-ped

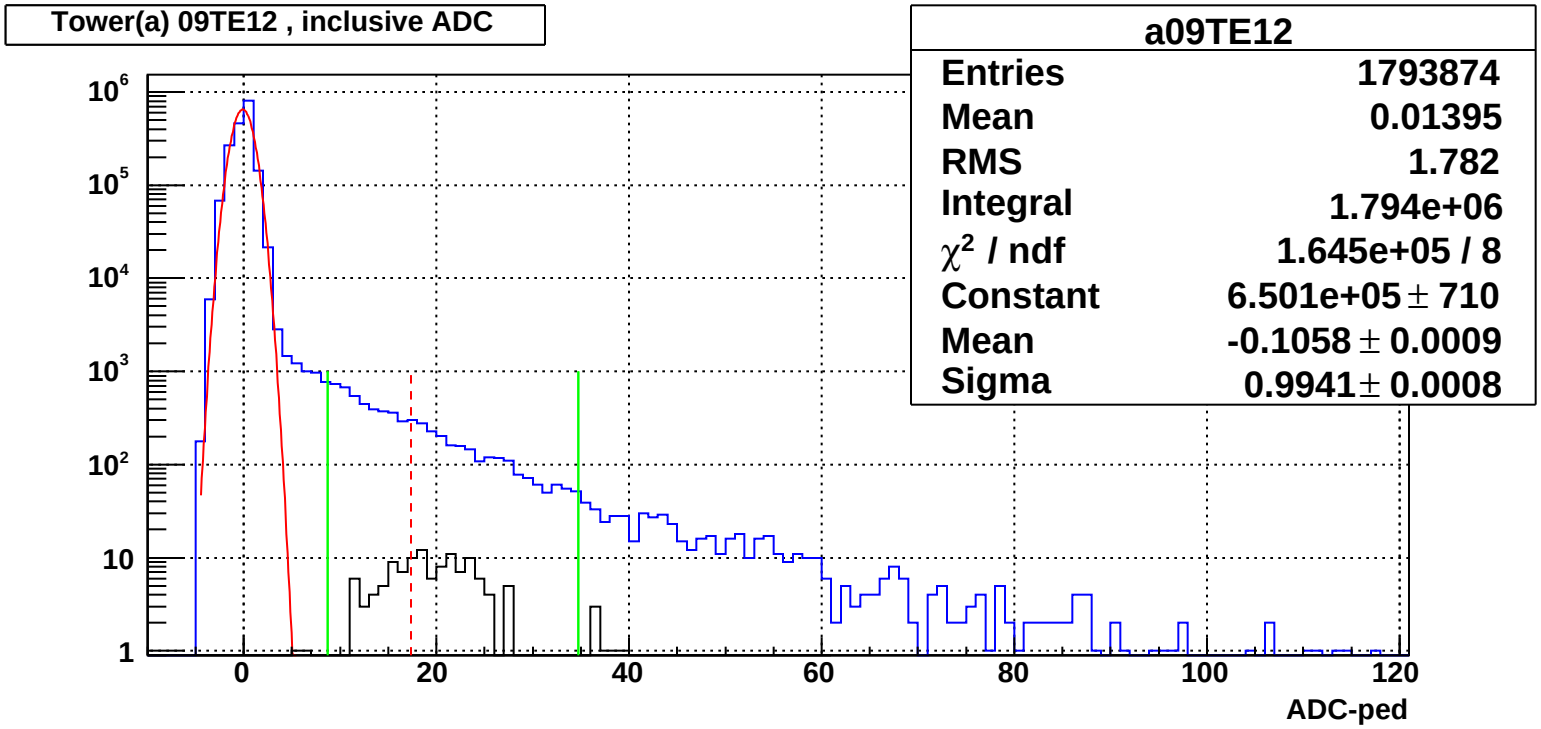

Tower(d) 09TB12 , ADC, tag: UxV 2*thr
d09TB12
Entries 127
Mean 19.93
RMS 8.37
Integral 127
χ² / ndf 11.83 / 15
x0 17.36 ± 0.61
aL 10.8 ± 1.6
sigL 6.541e+04 ± 56410
sigG 3.278 ± 0.539
ADC-ped

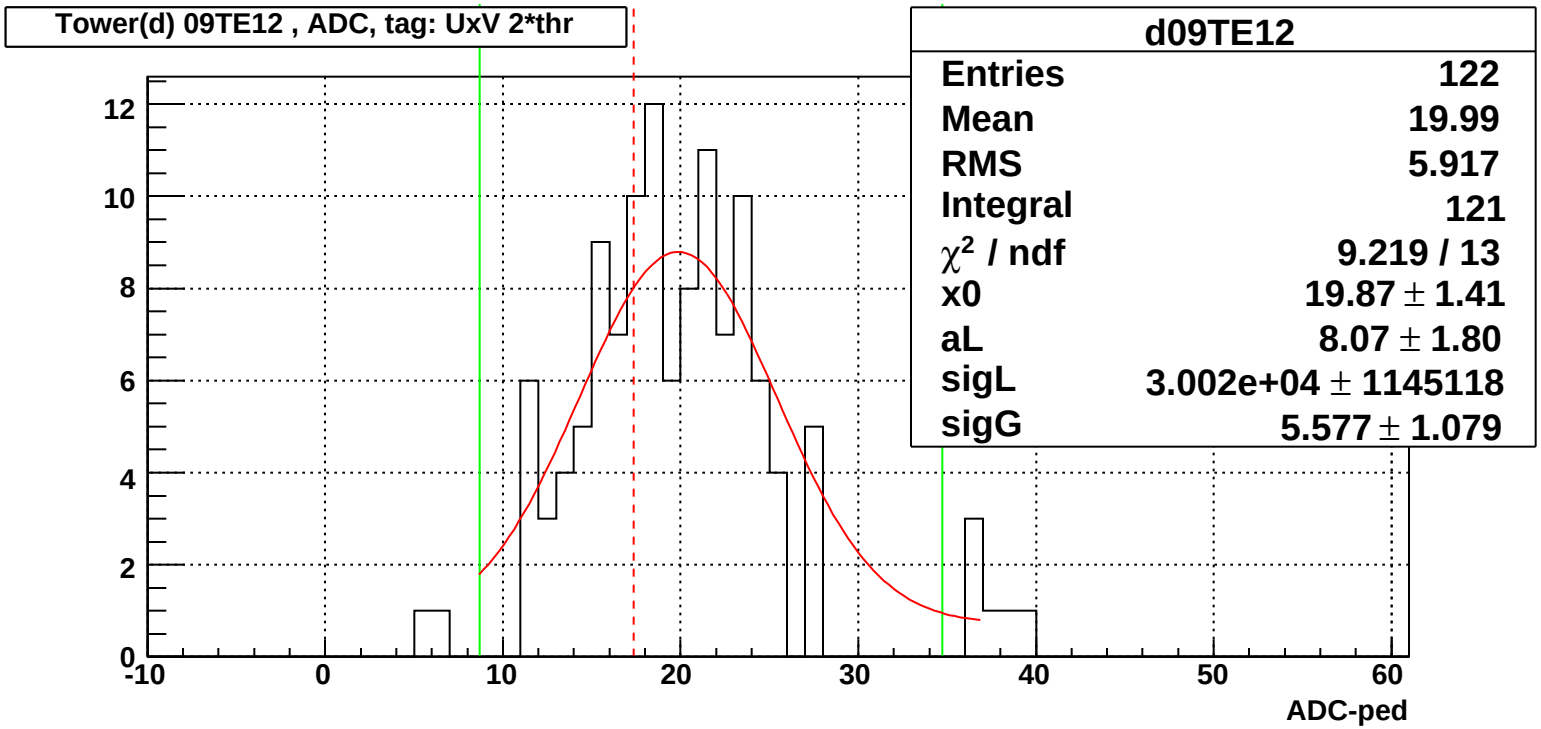

Tower(a) 09TC12 , inclusive ADC
a09TC12
Entries 1793874
Mean 0.279
RMS 1.643
Integral 1.794e+06
χ² / ndf 8.066e+04 / 7
Constant 1.256e+06 ± 1676
Mean 0.2277 ± 0.0005
Sigma 0.5411 ± 0.0006
ADC-ped

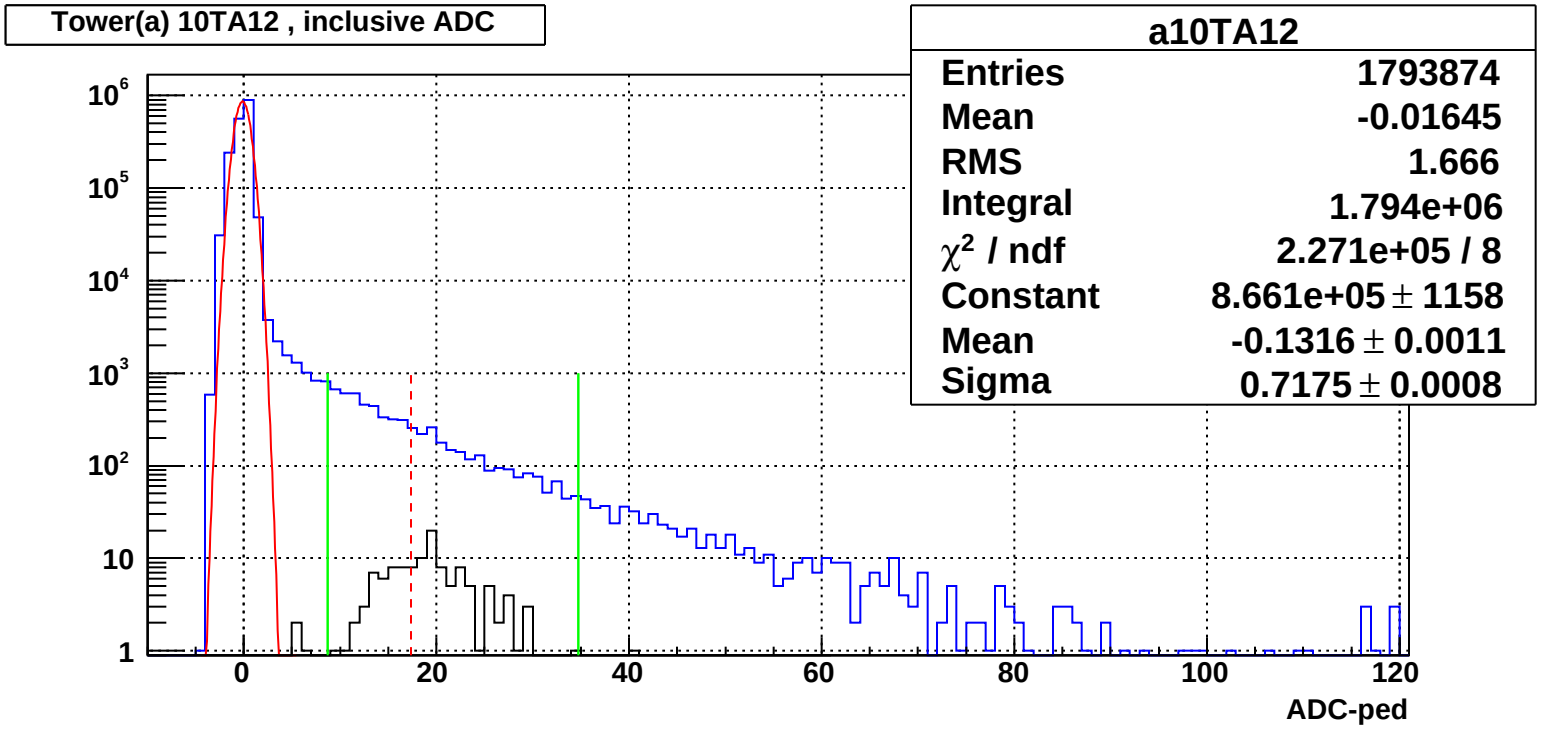

Tower(d) 09TC12 , ADC, tag: UxV 2*thr
d09TC12
Entries 148
Mean 21.18
RMS 9.41
Integral 142
χ² / ndf 16.25 / 19
x0 20.06 ± 0.94
aL 6.69 ± 0.83
sigL 1.241 ± 1.154
sigG 7.716 ± 1.131
ADC-ped

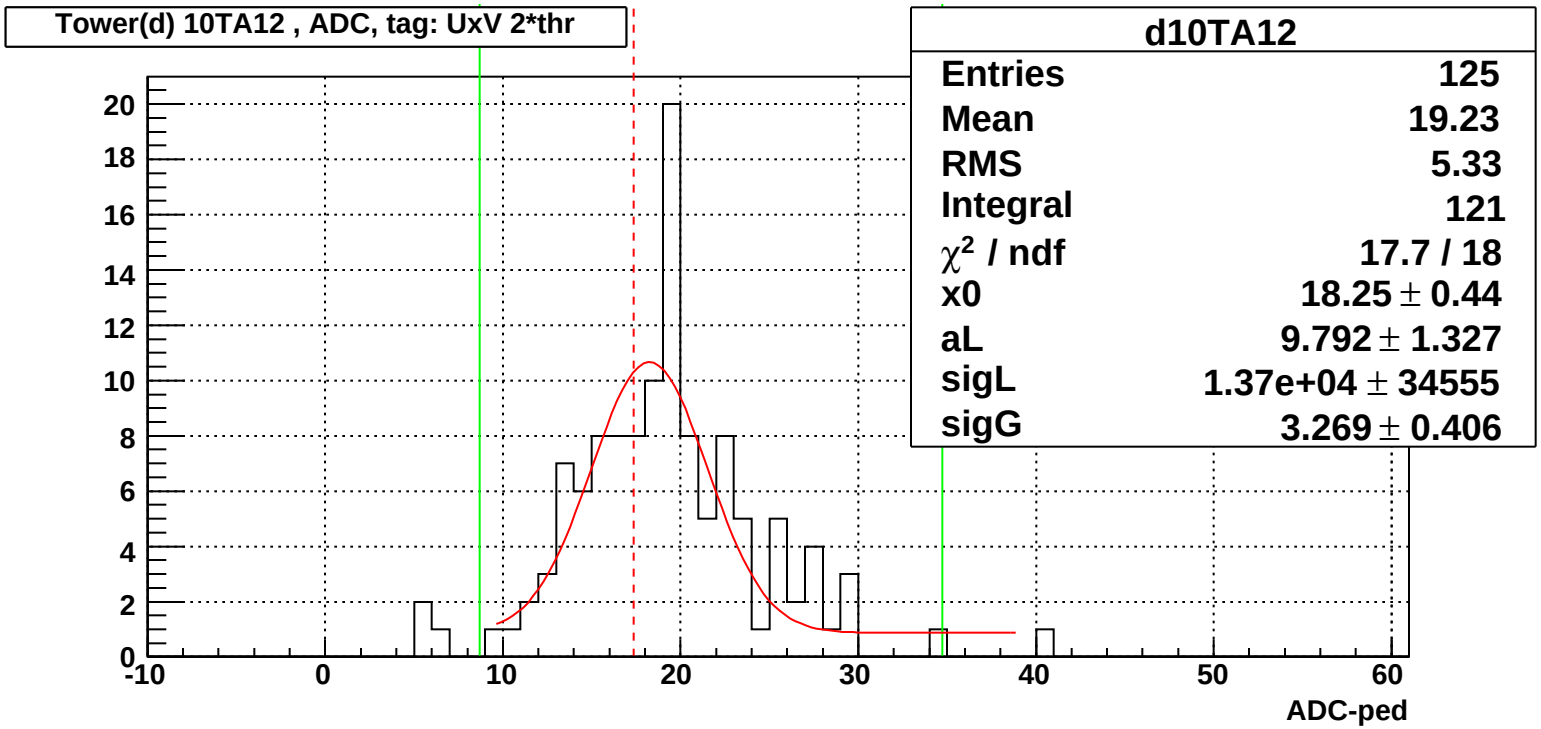

Tower(a) 09TD12 , inclusive ADC
a09TD12
Entries 1793874
Mean 0.4145
RMS 1.672
Integral 1.794e+06
χ² / ndf 1.207e+05 / 8
Constant 7.909e+05 ± 1082
Mean 0.3093 ± 0.0007
Sigma 0.839 ± 0.001
ADC-ped

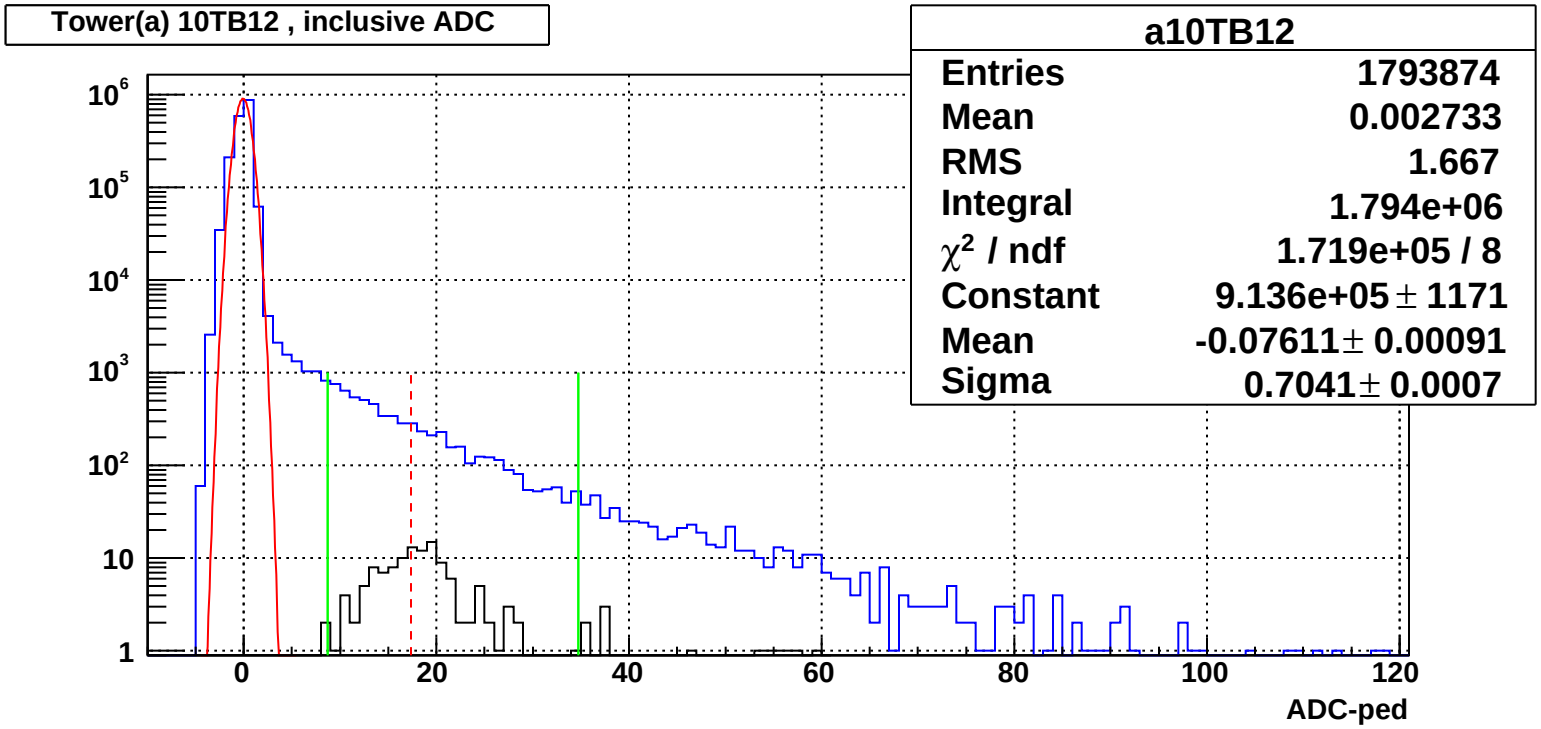

Tower(d) 09TD12 , ADC, tag: UxV 2*thr
d09TD12
Entries 103
Mean 18.82
RMS 7.472
Integral 100
χ² / ndf 12.86 / 13
x0 16.75 ± 0.67
aL 7.364 ± 10.742
sigL 1.221e+05 ± 367990624
sigG 3.772 ± 1.976
ADC-ped

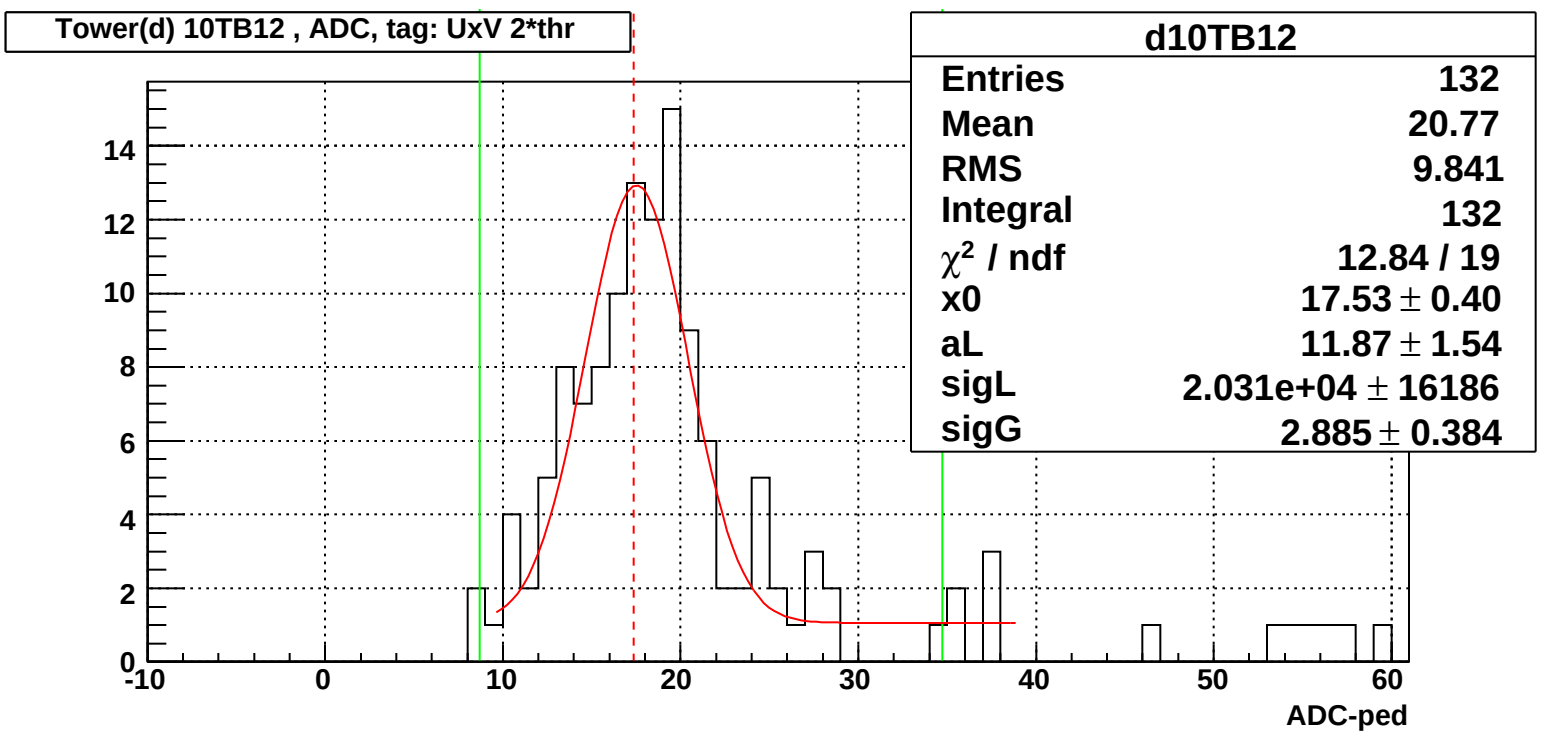

Tower(a) 09TE12 , inclusive ADC
a09TE12
Entries 1793874
Mean 0.01395
RMS 1.782
Integral 1.794e+06
χ² / ndf 1.645e+05 / 8
Constant 6.501e+05 ± 710
Mean -0.1058 ± 0.0009
Sigma 0.9941 ± 0.0008
ADC-ped

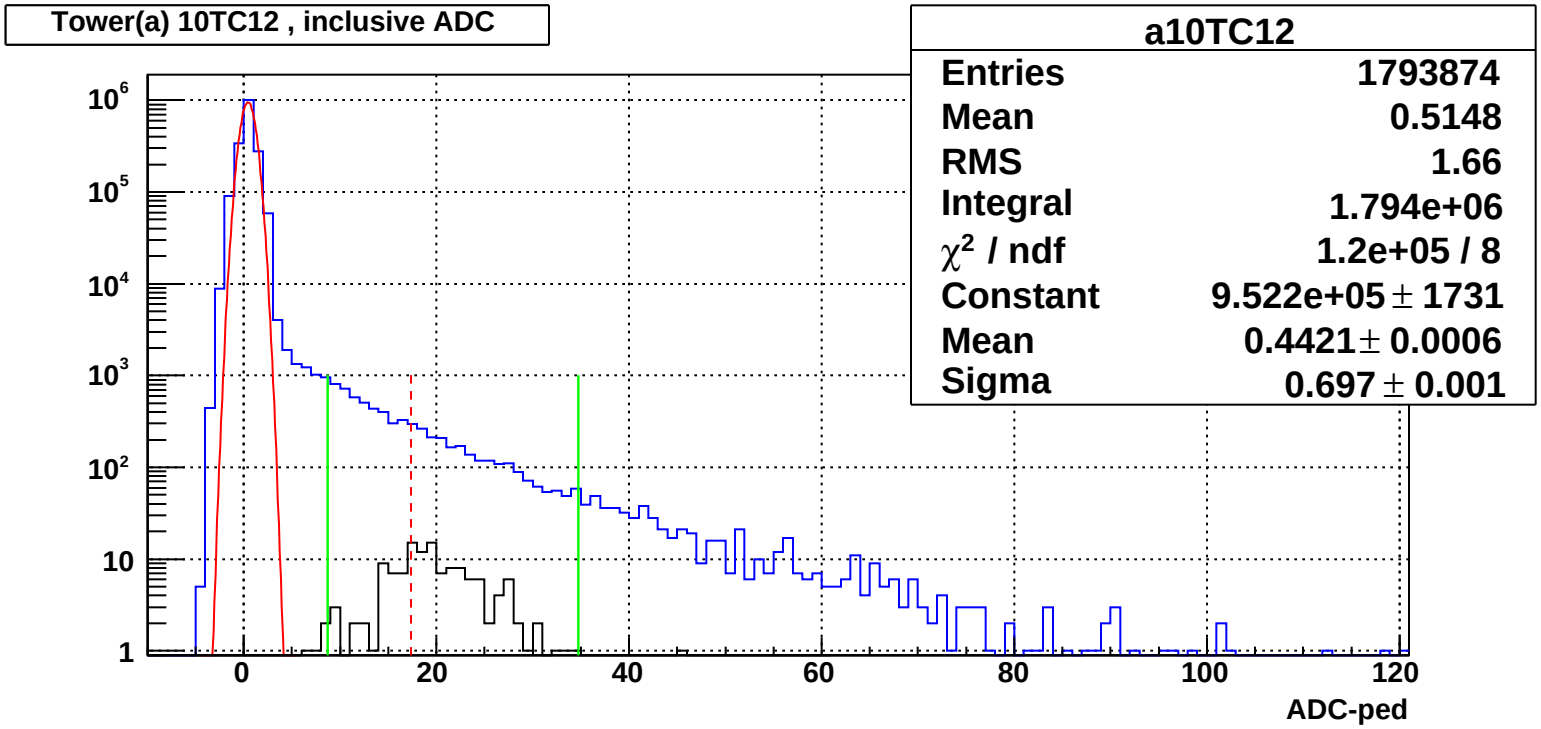

Tower(d) 09TE12 , ADC, tag: UxV 2*thr
d09TE12
Entries 122
Mean 19.99
RMS 5.917
Integral 121
χ² / ndf 9.219 / 13
x0 19.87 ± 1.41
aL 8.07 ± 1.80
sigL 3.002e+04 ± 1145118
sigG 5.577 ± 1.079
ADC-ped

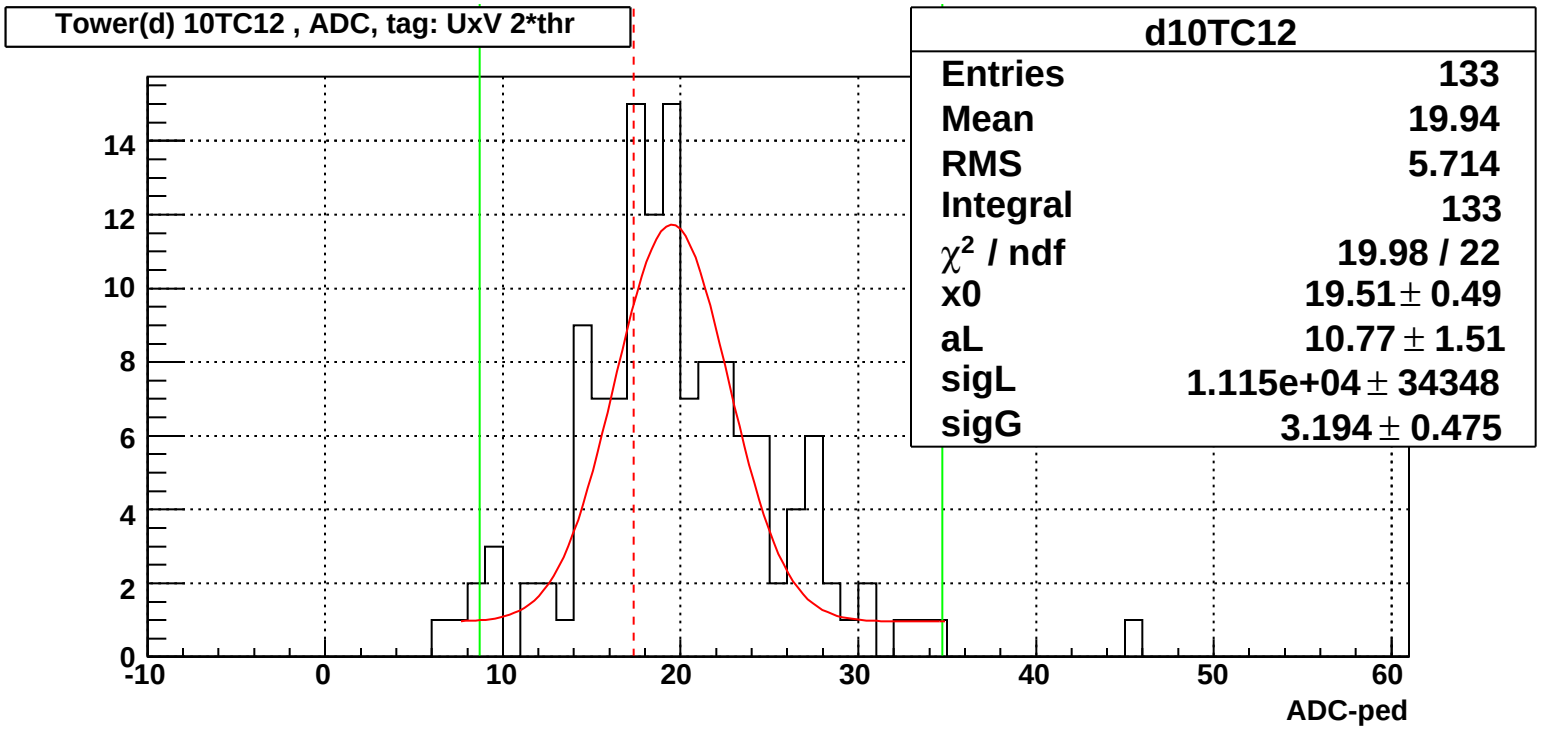

Tower(a) 10TA12 , inclusive ADC
a10TA12
Entries 1793874
Mean -0.01645
RMS 1.666
Integral 1.794e+06
χ² / ndf 2.271e+05 / 8
Constant 8.661e+05 ± 1158
Mean -0.1316 ± 0.0011
Sigma 0.7175 ± 0.0008
ADC-ped

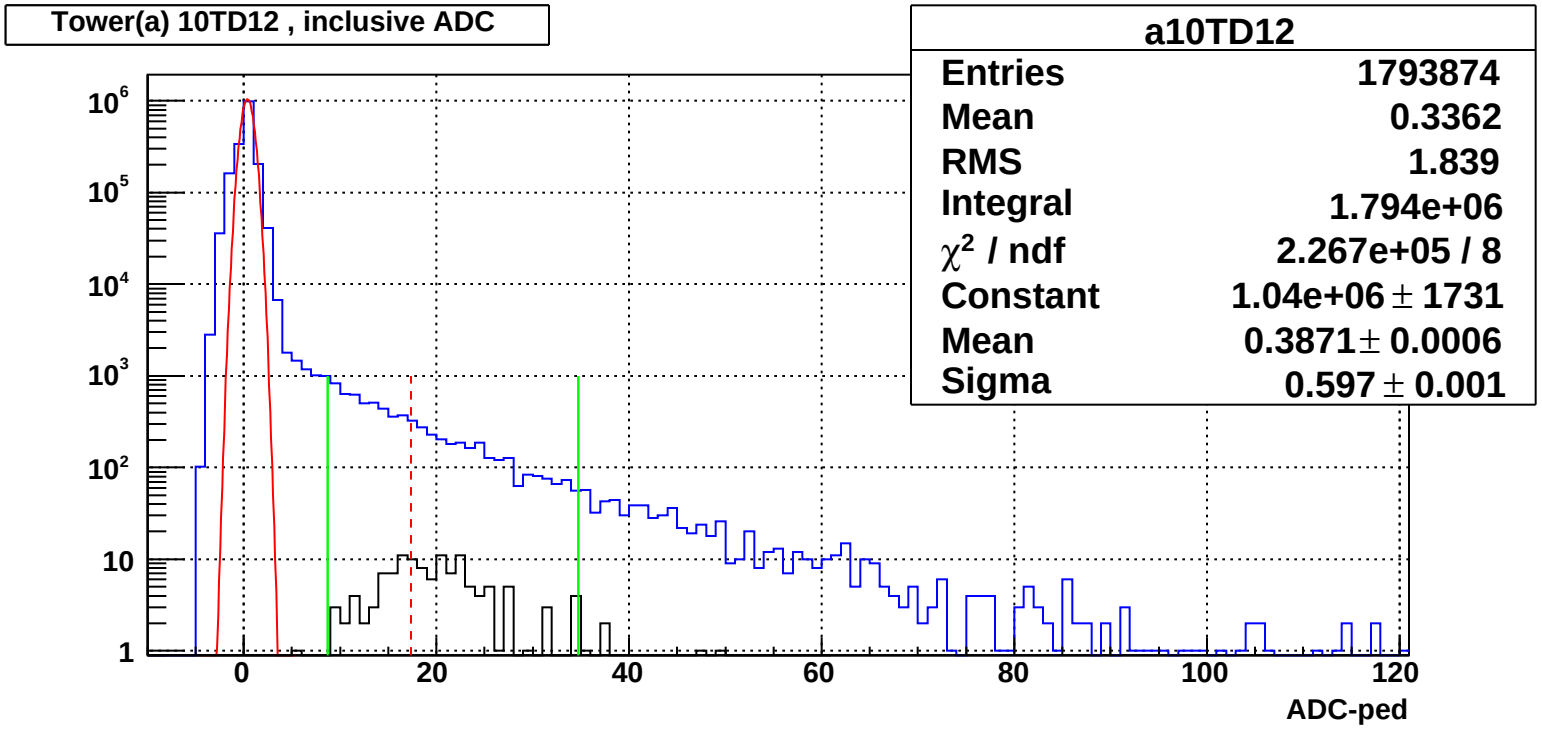

Tower(d) 10TA12 , ADC, tag: UxV 2*thr
d10TA12
Entries 125
Mean 19.23
RMS 5.33
Integral 121
χ² / ndf 17.7 / 18
x0 18.25 ± 0.44
aL 9.792 ± 1.327
sigL 1.37e+04 ± 34555
sigG 3.269 ± 0.406
ADC-ped

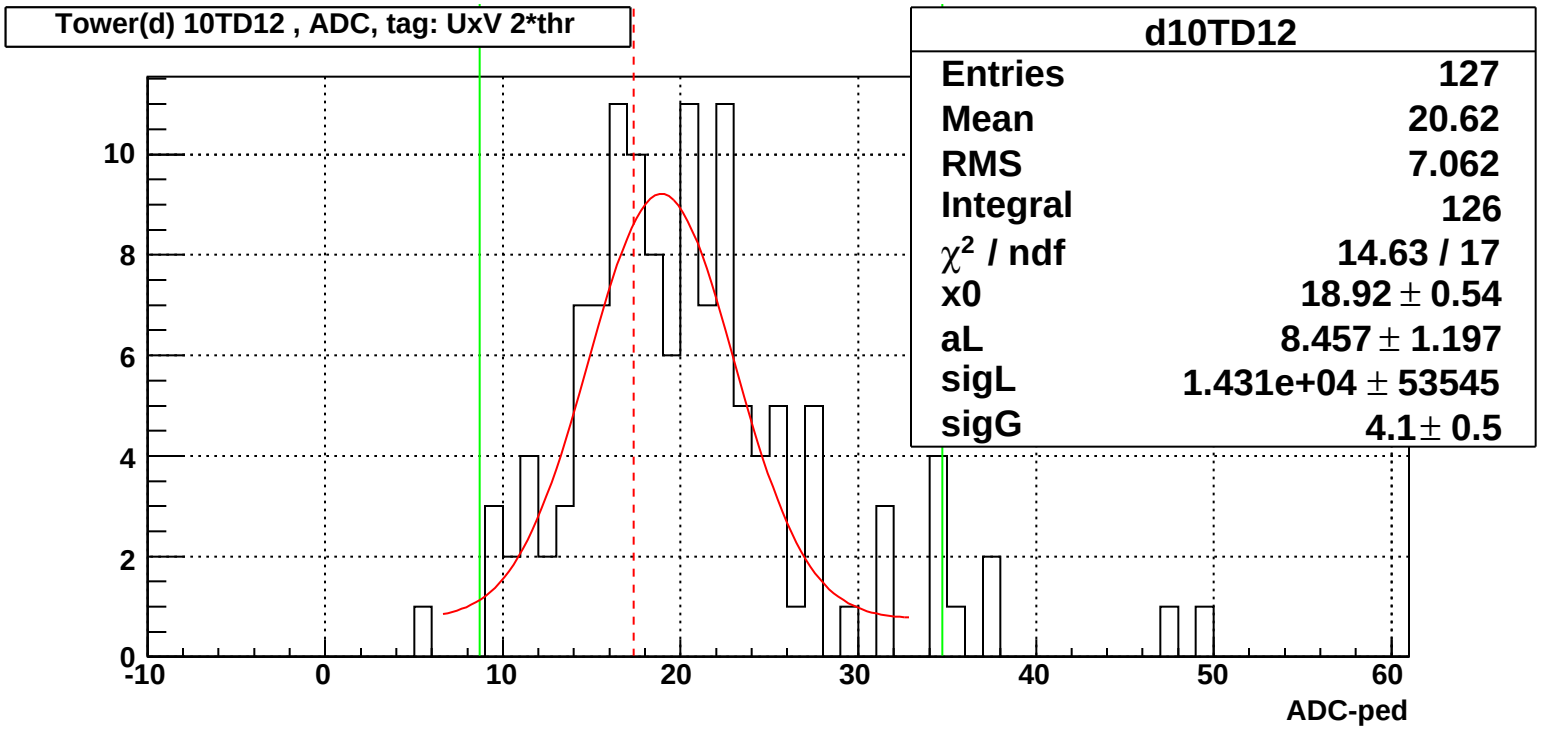

Tower(a) 10TB12 , inclusive ADC
a10TB12
Entries 1793874
Mean 0.002733
RMS 1.667
Integral 1.794e+06
χ² / ndf 1.719e+05 / 8
Constant 9.136e+05 ± 1171
Mean -0.07611 ± 0.00091
Sigma 0.7041 ± 0.0007
ADC-ped

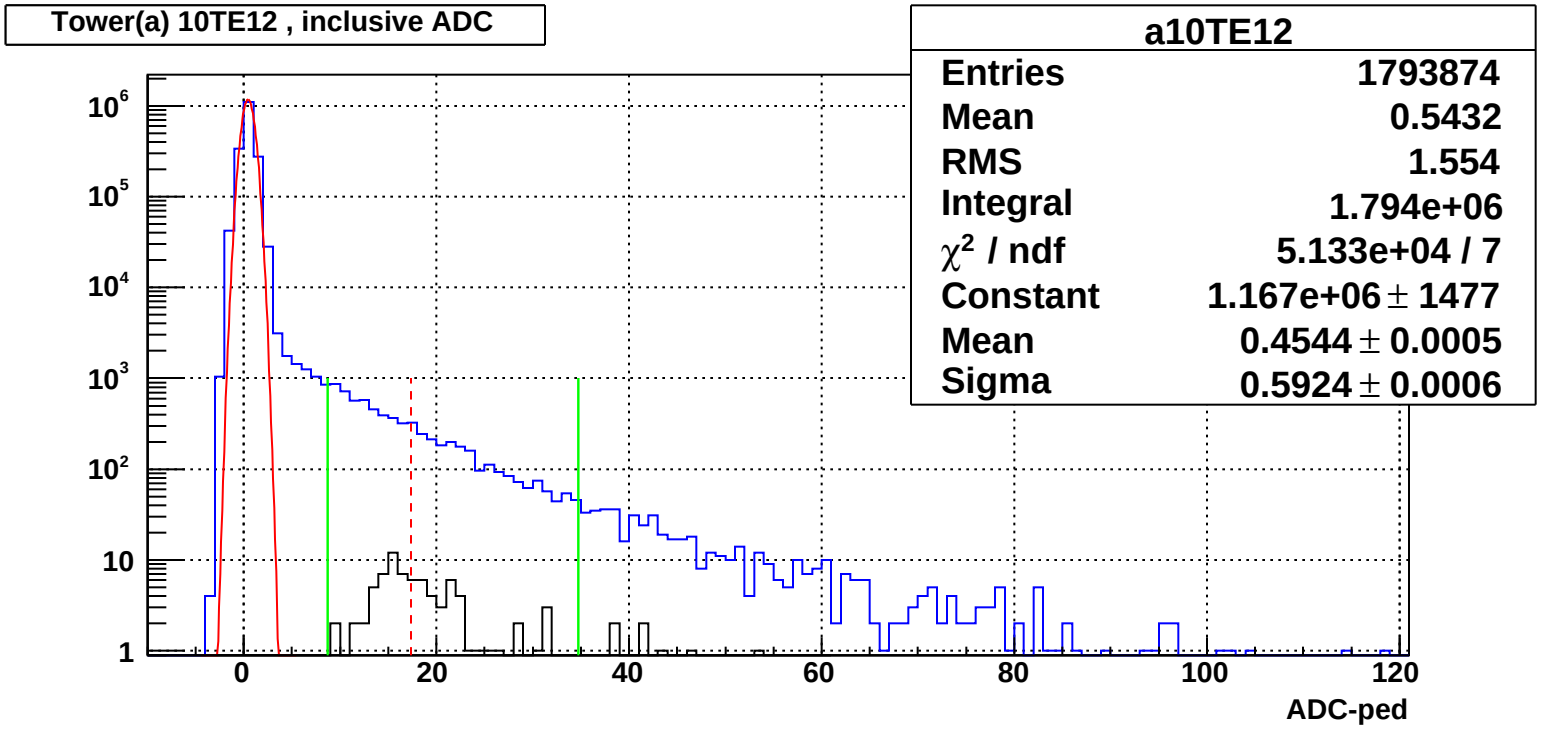

Tower(d) 10TB12 , ADC, tag: UxV 2*thr
d10TB12
Entries 132
Mean 20.77
RMS 9.841
Integral 132
χ² / ndf 12.84 / 19
x0 17.53 ± 0.40
aL 11.87 ± 1.54
sigL 2.031e+04 ± 16186
sigG 2.885 ± 0.384
ADC-ped

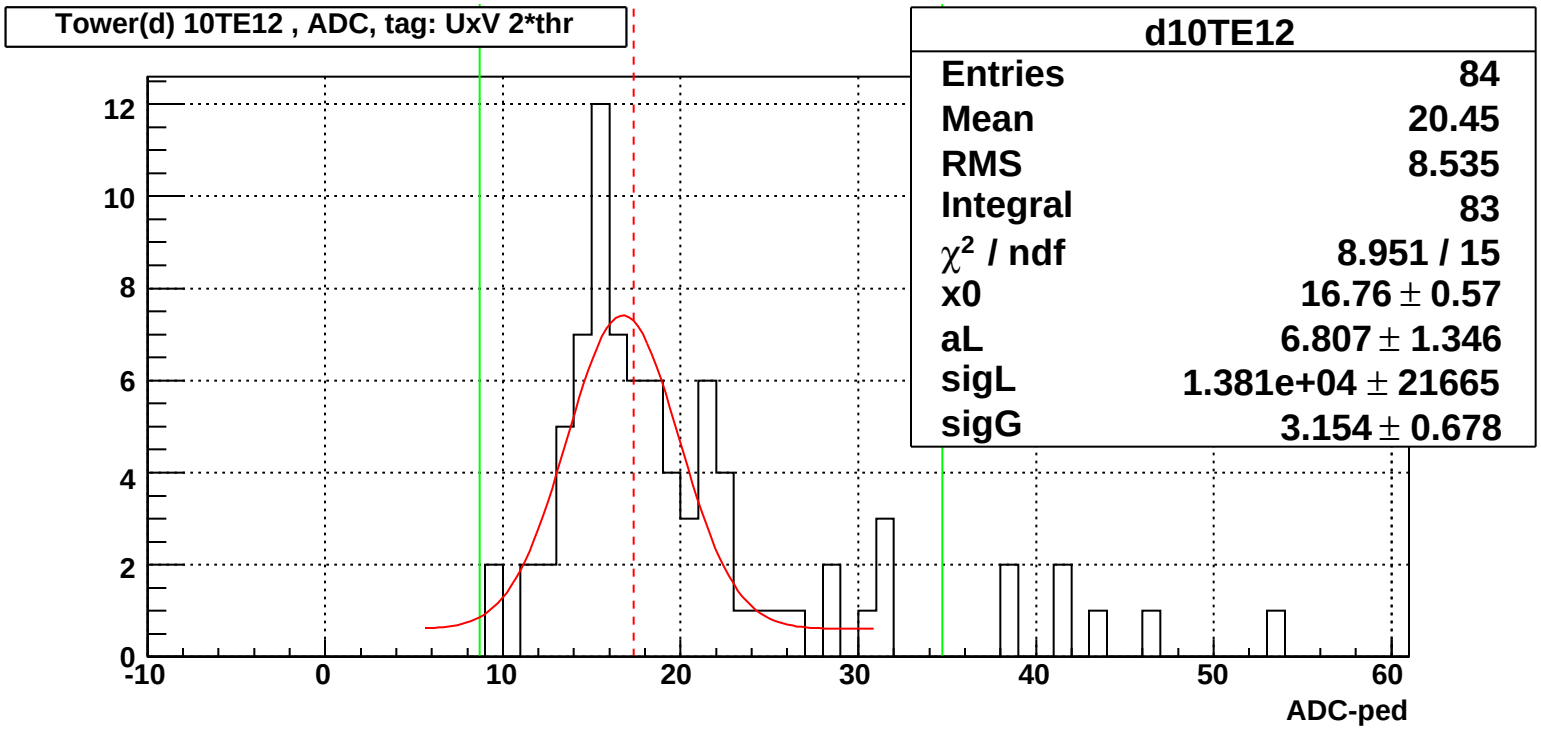

Tower(a) 10TC12 , inclusive ADC
a10TC12
Entries 1793874
Mean 0.5148
RMS 1.66
Integral 1.794e+06
χ² / ndf 1.2e+05 / 8
Constant 9.522e+05 ± 1731
Mean 0.4421 ± 0.0006
Sigma 0.697 ± 0.001
ADC-ped

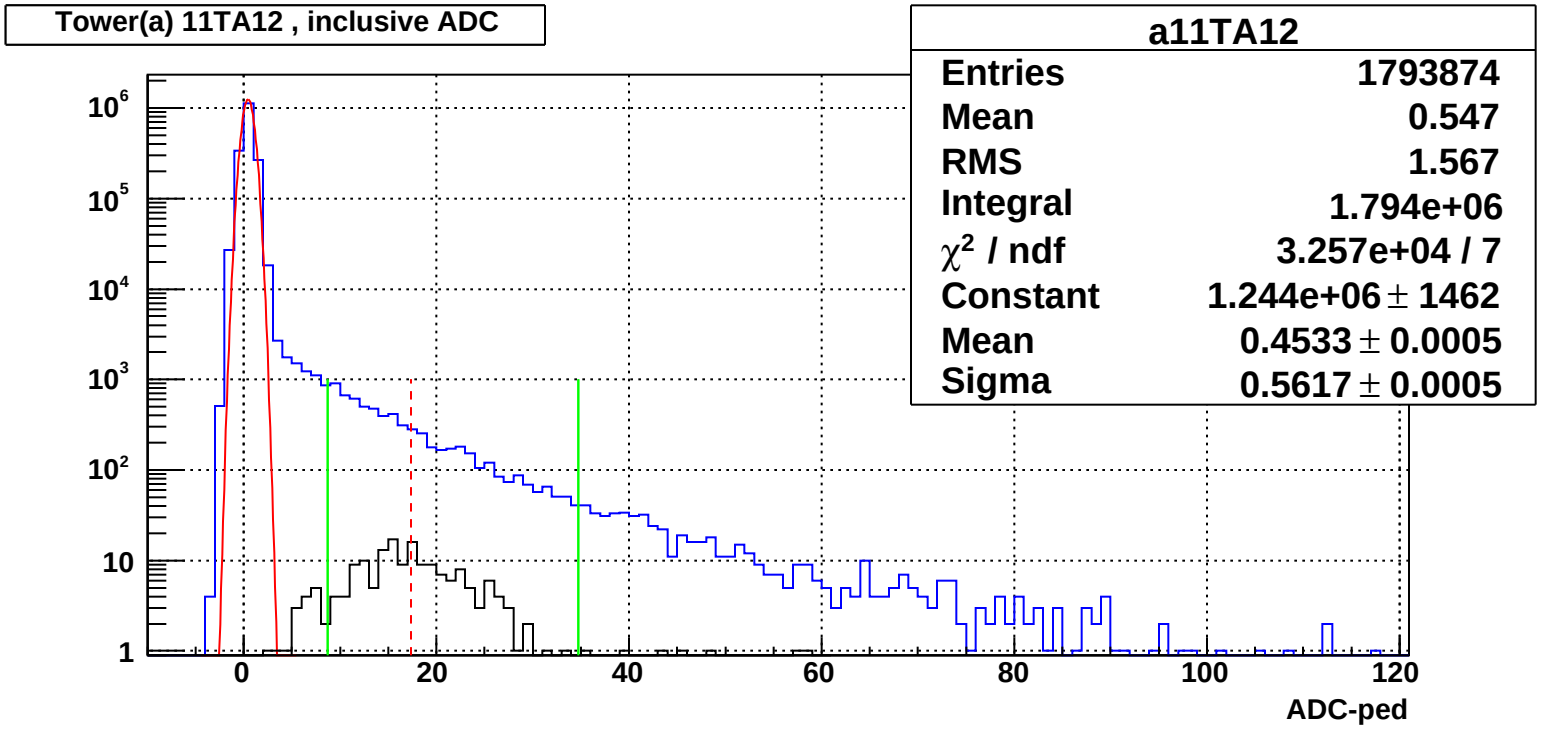

Tower(d) 10TC12 , ADC, tag: UxV 2*thr
d10TC12
Entries 133
Mean 19.94
RMS 5.714
Integral 133
χ² / ndf 19.98 / 22
x0 19.51 ± 0.49
aL 10.77 ± 1.51
sigL 1.115e+04 ± 34348
sigG 3.194 ± 0.475
ADC-ped

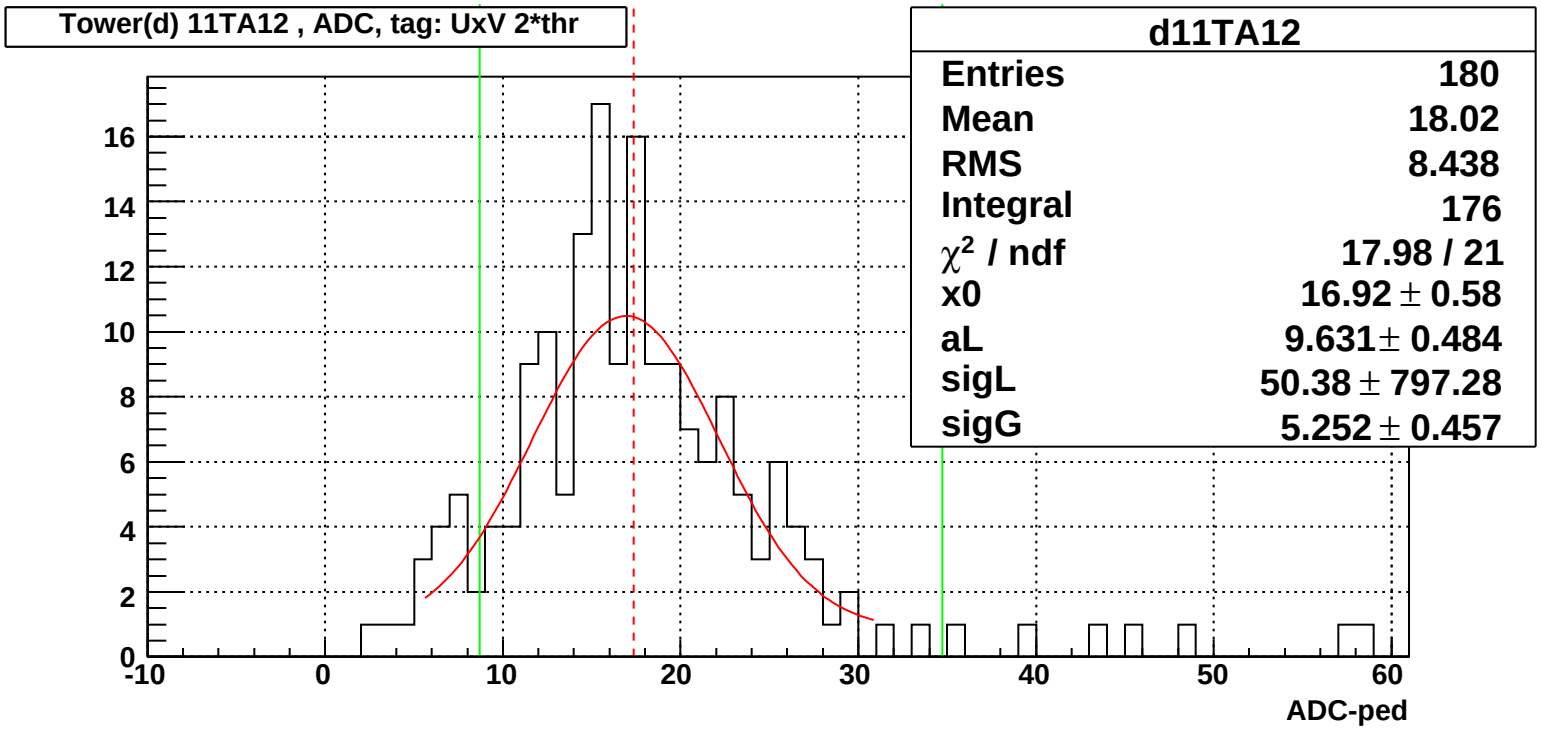

Tower(a) 10TD12 , inclusive ADC
a10TD12
Entries 1793874
Mean 0.3362
RMS 1.839
Integral 1.794e+06
χ² / ndf 2.267e+05 / 8
Constant 1.04e+06 ± 1731
Mean 0.3871 ± 0.0006
Sigma 0.597 ± 0.001
ADC-ped

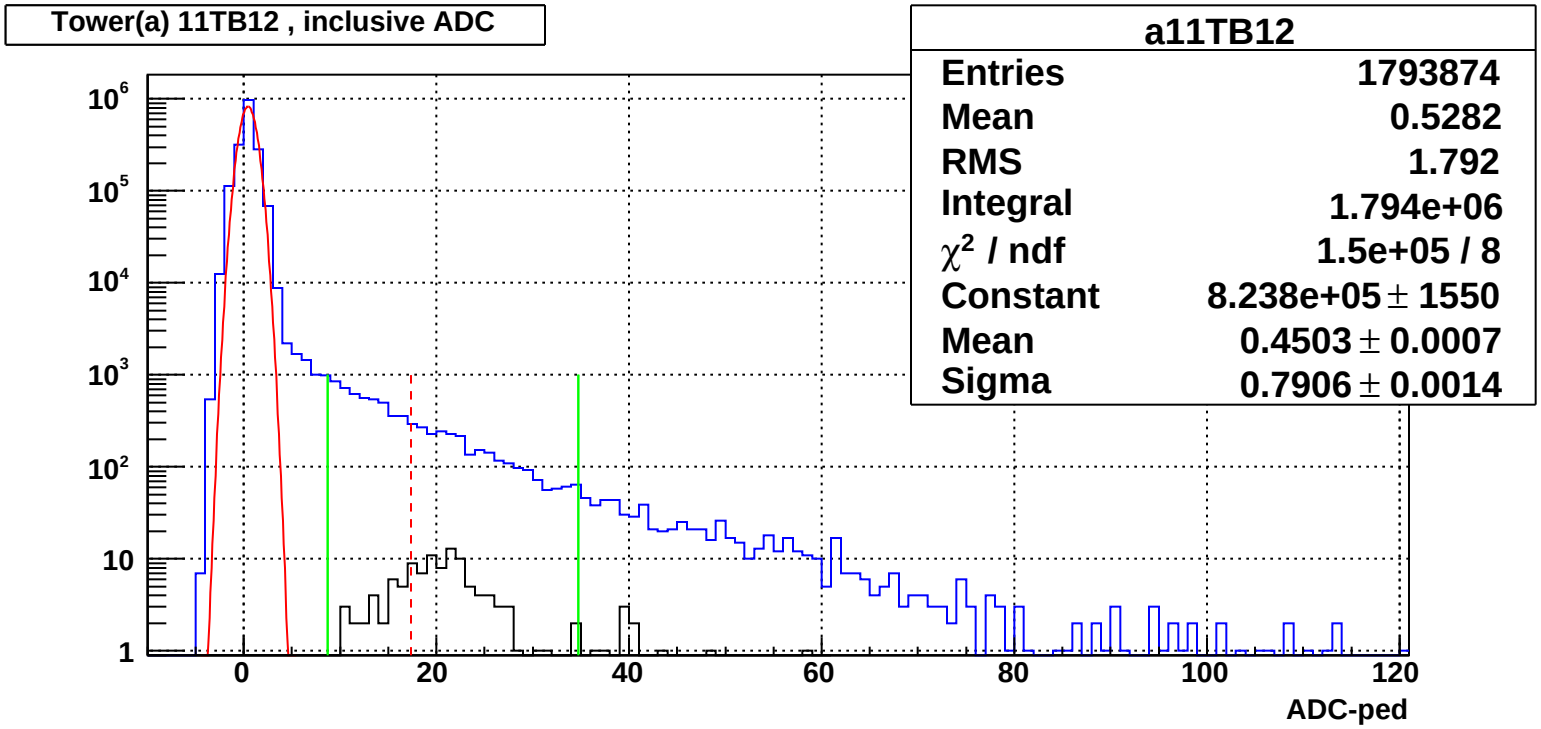

Tower(d) 10TD12 , ADC, tag: UxV 2*thr
d10TD12
Entries 127
Mean 20.62
RMS 7.062
Integral 126
χ² / ndf 14.63 / 17
x0 18.92 ± 0.54
aL 8.457 ± 1.197
sigL 1.431e+04 ± 53545
sigG 4.1 ± 0.5
ADC-ped

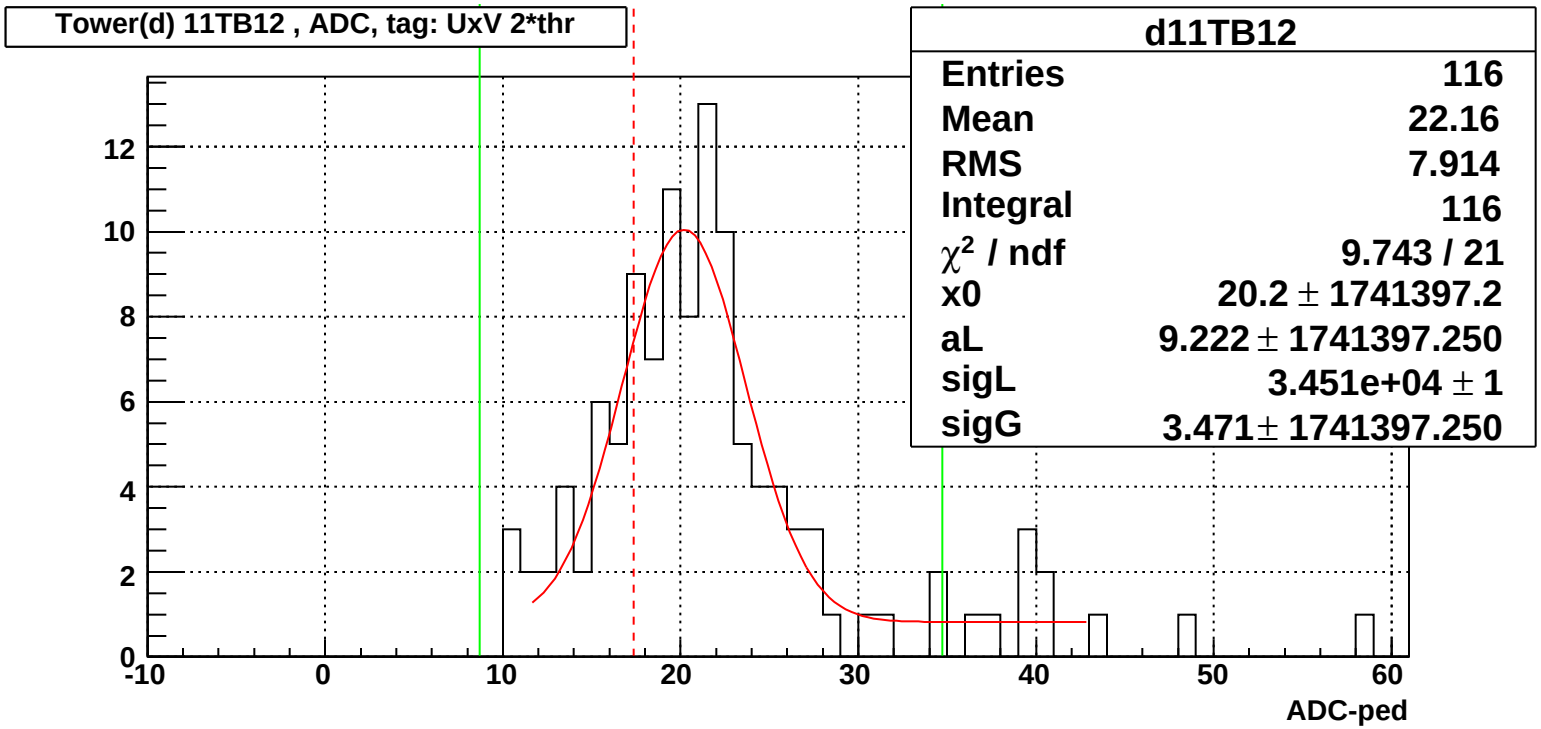

Tower(a) 10TE12 , inclusive ADC
a10TE12
Entries 1793874
Mean 0.5432
RMS 1.554
Integral 1.794e+06
χ² / ndf 5.133e+04 / 7
Constant 1.167e+06 ± 1477
Mean 0.4544 ± 0.0005
Sigma 0.5924 ± 0.0006
ADC-ped

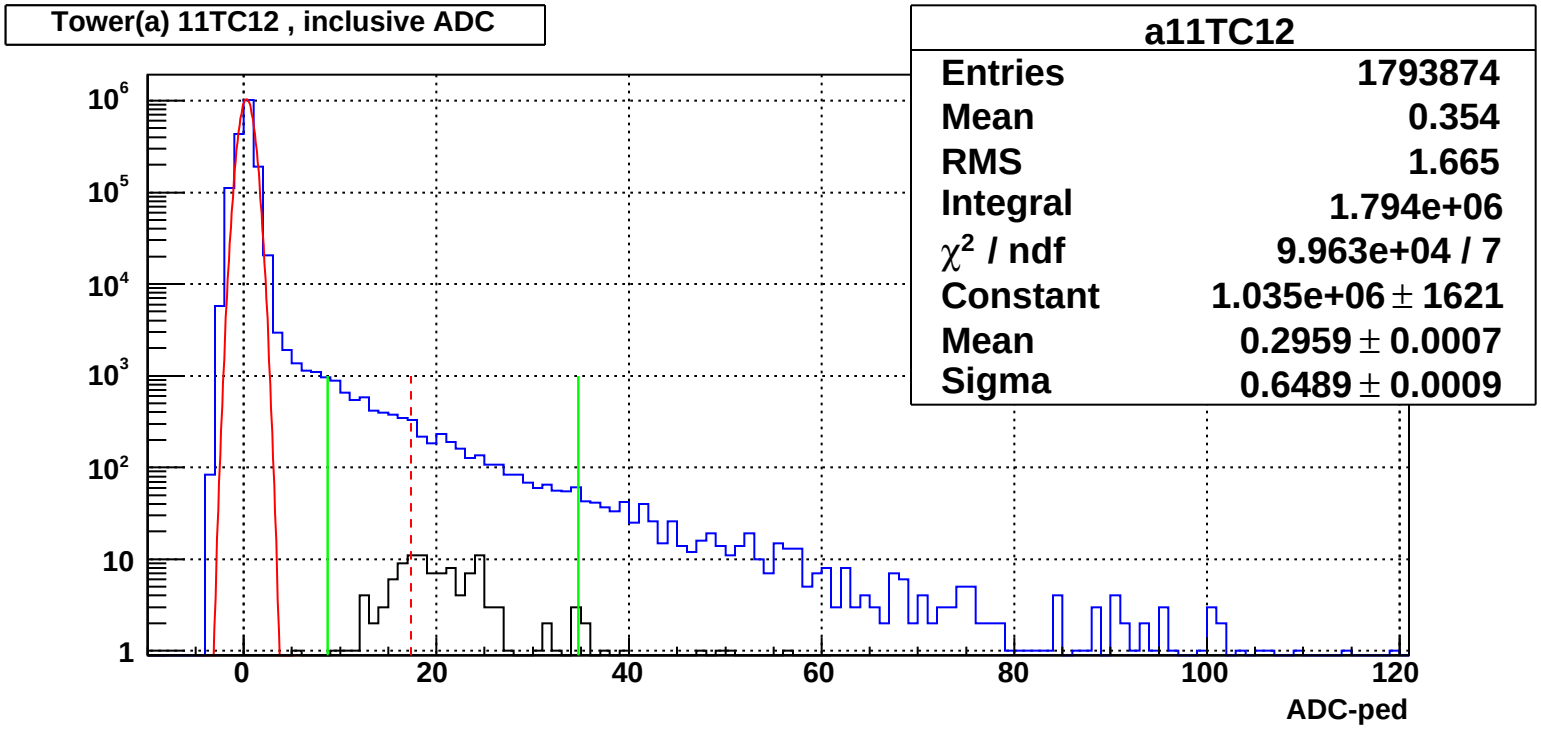

Tower(d) 10TE12 , ADC, tag: UxV 2*thr
d10TE12
Entries 84
Mean 20.45
RMS 8.535
Integral 83
χ² / ndf 8.951 / 15
x0 16.76 ± 0.57
aL 6.807 ± 1.346
sigL 1.381e+04 ± 21665
sigG 3.154 ± 0.678
ADC-ped

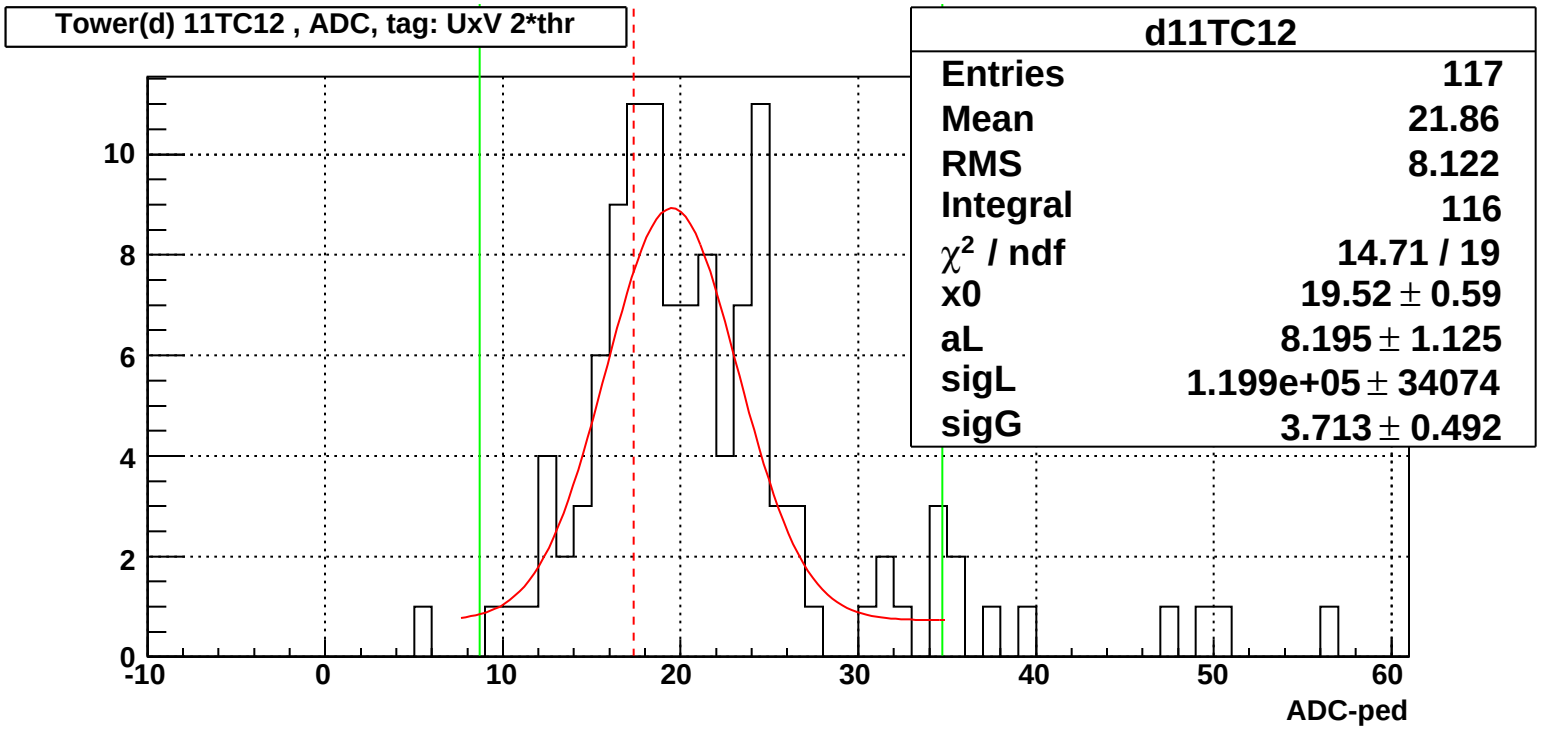

Tower(a) 11TA12 , inclusive ADC
a11TA12
Entries 1793874
Mean 0.547
RMS 1.567
Integral 1.794e+06
χ² / ndf 3.257e+04 / 7
Constant 1.244e+06 ± 1462
Mean 0.4533 ± 0.0005
Sigma 0.5617 ± 0.0005
ADC-ped

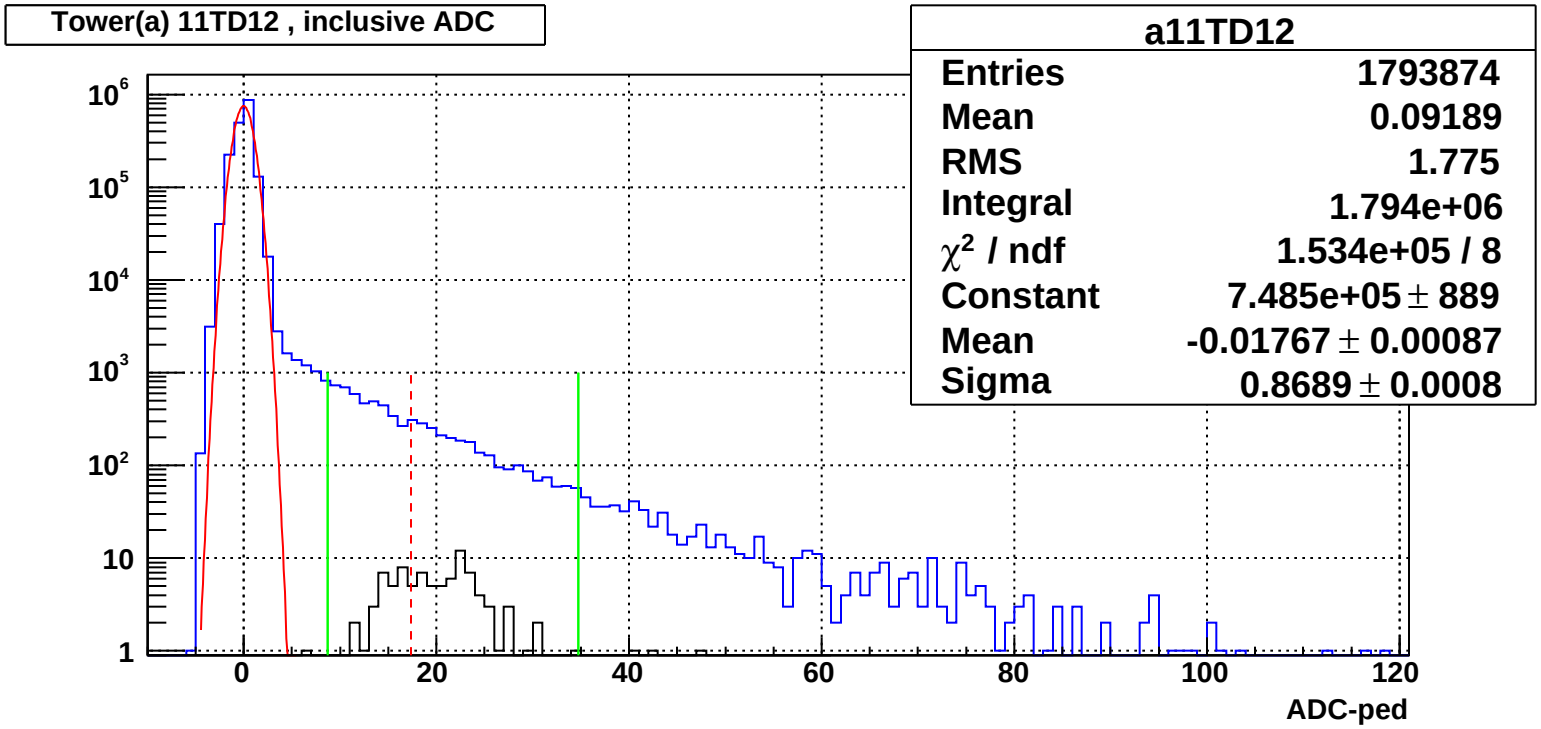

Tower(d) 11TA12 , ADC, tag: UxV 2*thr
d11TA12
Entries 180
Mean 18.02
RMS 8.438
Integral 176
χ² / ndf 17.98 / 21
x0 16.92 ± 0.58
aL 9.631 ± 0.484
sigL 50.38 ± 797.28
sigG 5.252 ± 0.457
ADC-ped

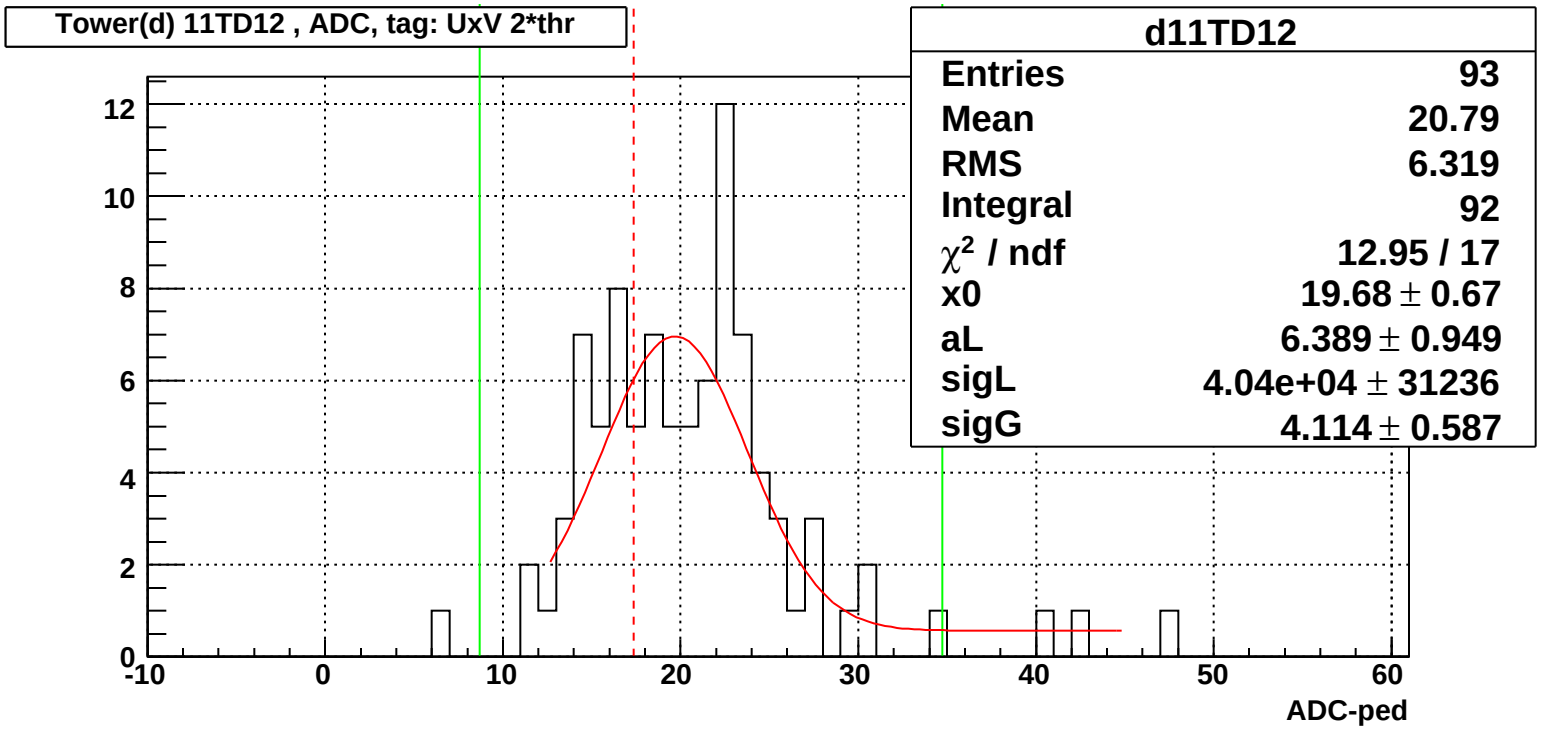

Tower(a) 11TB12 , inclusive ADC
a11TB12
Entries 1793874
Mean 0.5282
RMS 1.792
Integral 1.794e+06
χ² / ndf 1.5e+05 / 8
Constant 8.238e+05 ± 1550
Mean 0.4503 ± 0.0007
Sigma 0.7906 ± 0.0014
ADC-ped

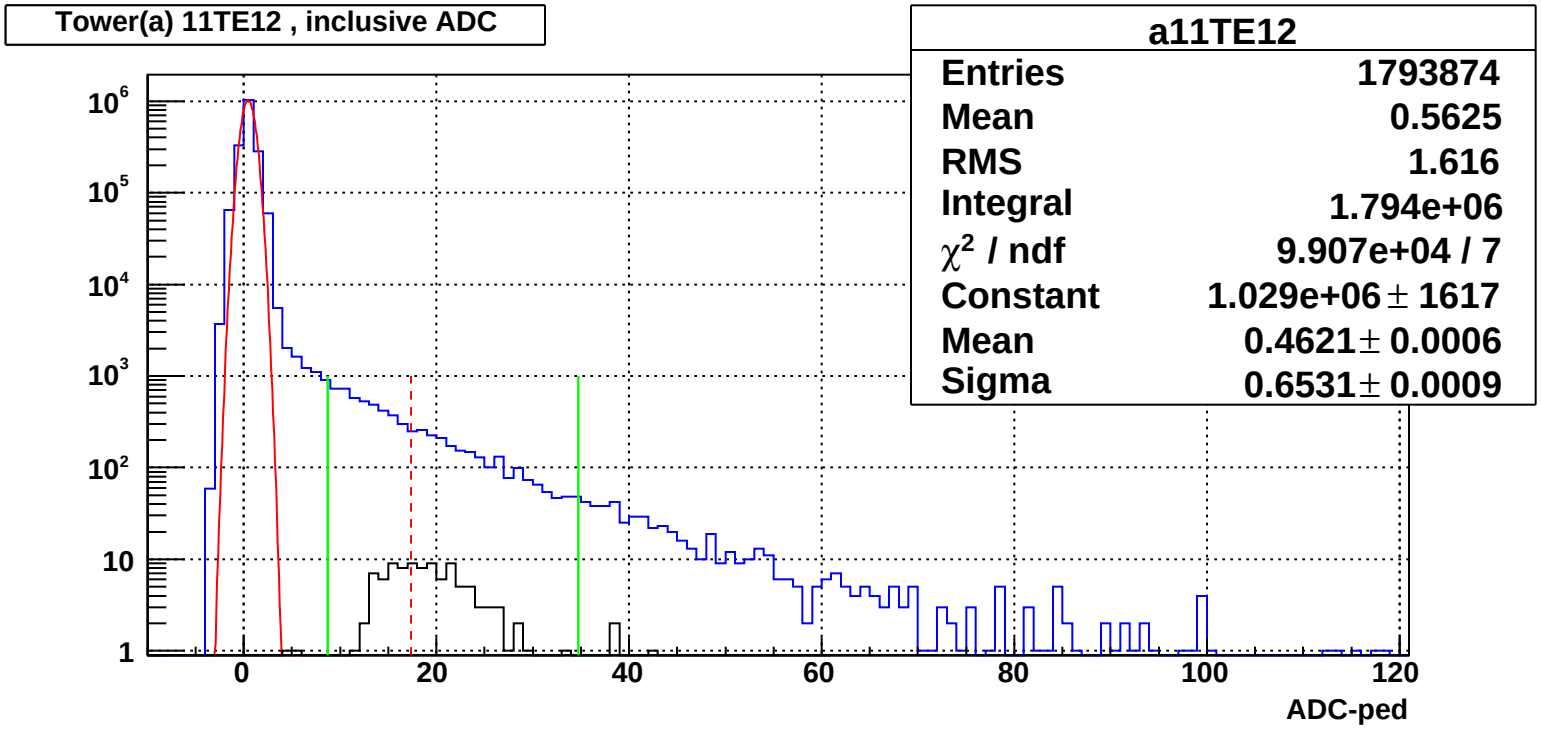

Tower(d) 11TB12 , ADC, tag: UxV 2*thr
d11TB12
Entries 116
Mean 22.16
RMS 7.914
Integral 116
χ² / ndf 9.743 / 21
x0 20.2 ± 1741397.2
aL 9.222 ± 1741397.250
sigL 3.451e+04 ± 1
sigG 3.471 ± 1741397.250
ADC-ped

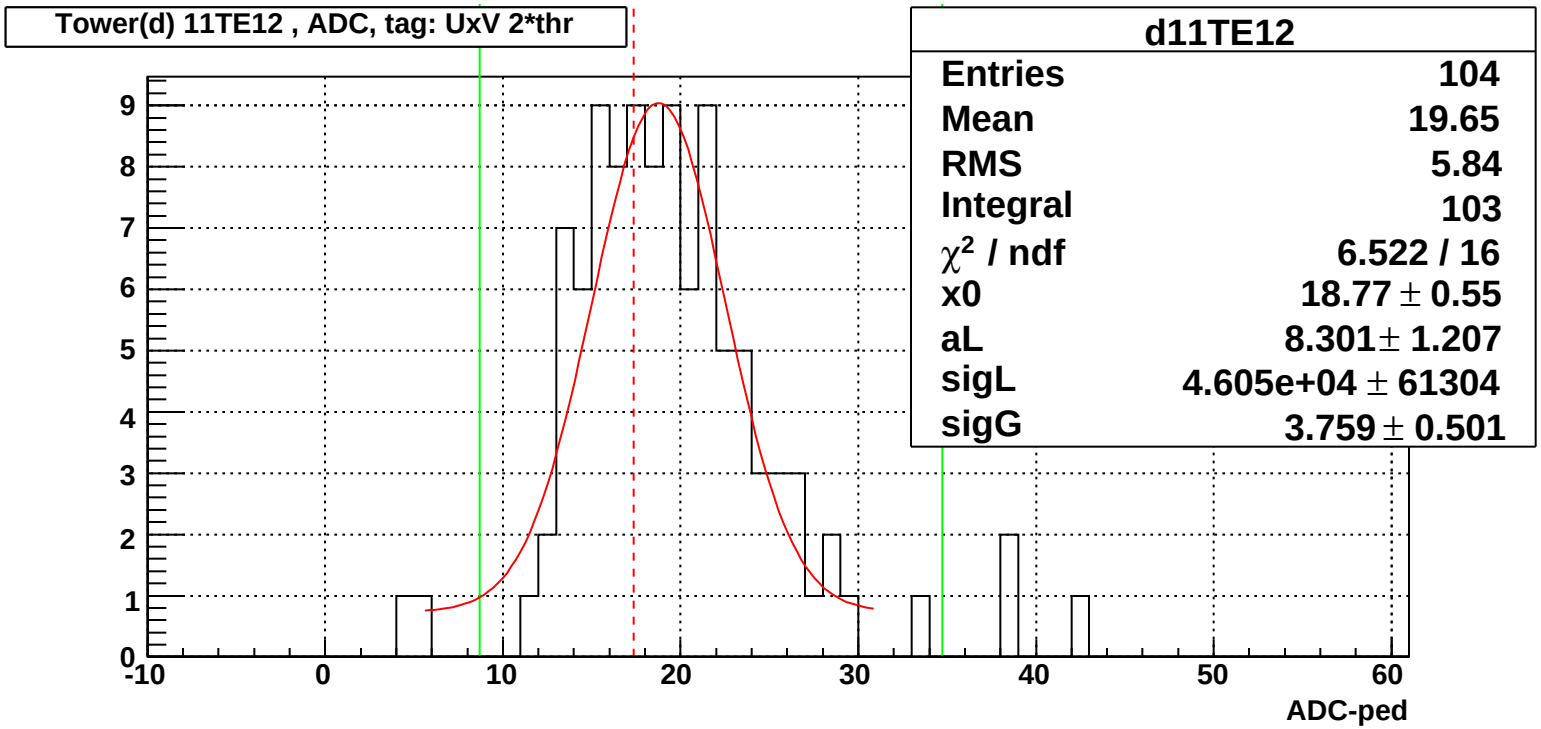

Tower(a) 11TC12 , inclusive ADC
a11TC12
Entries 1793874
Mean 0.354
RMS 1.665
Integral 1.794e+06
χ² / ndf 9.963e+04 / 7
Constant 1.035e+06 ± 1621
Mean 0.2959 ± 0.0007
Sigma 0.6489 ± 0.0009
ADC-ped

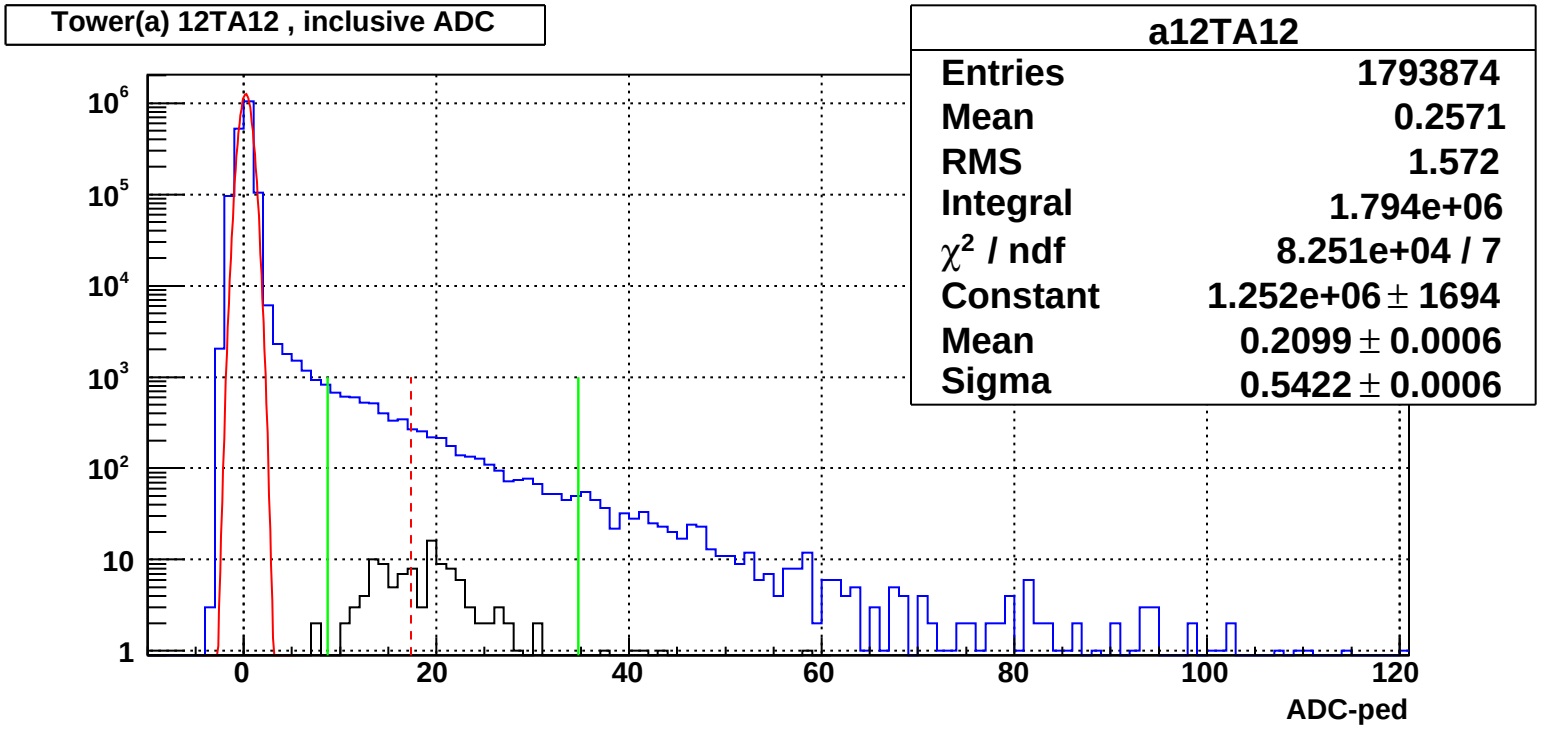

Tower(d) 11TC12 , ADC, tag: UxV 2*thr
d11TC12
Entries 117
Mean 21.86
RMS 8.122
Integral 116
χ² / ndf 14.71 / 19
x0 19.52 ± 0.59
aL 8.195 ± 1.125
sigL 1.199e+05 ± 34074
sigG 3.713 ± 0.492
ADC-ped

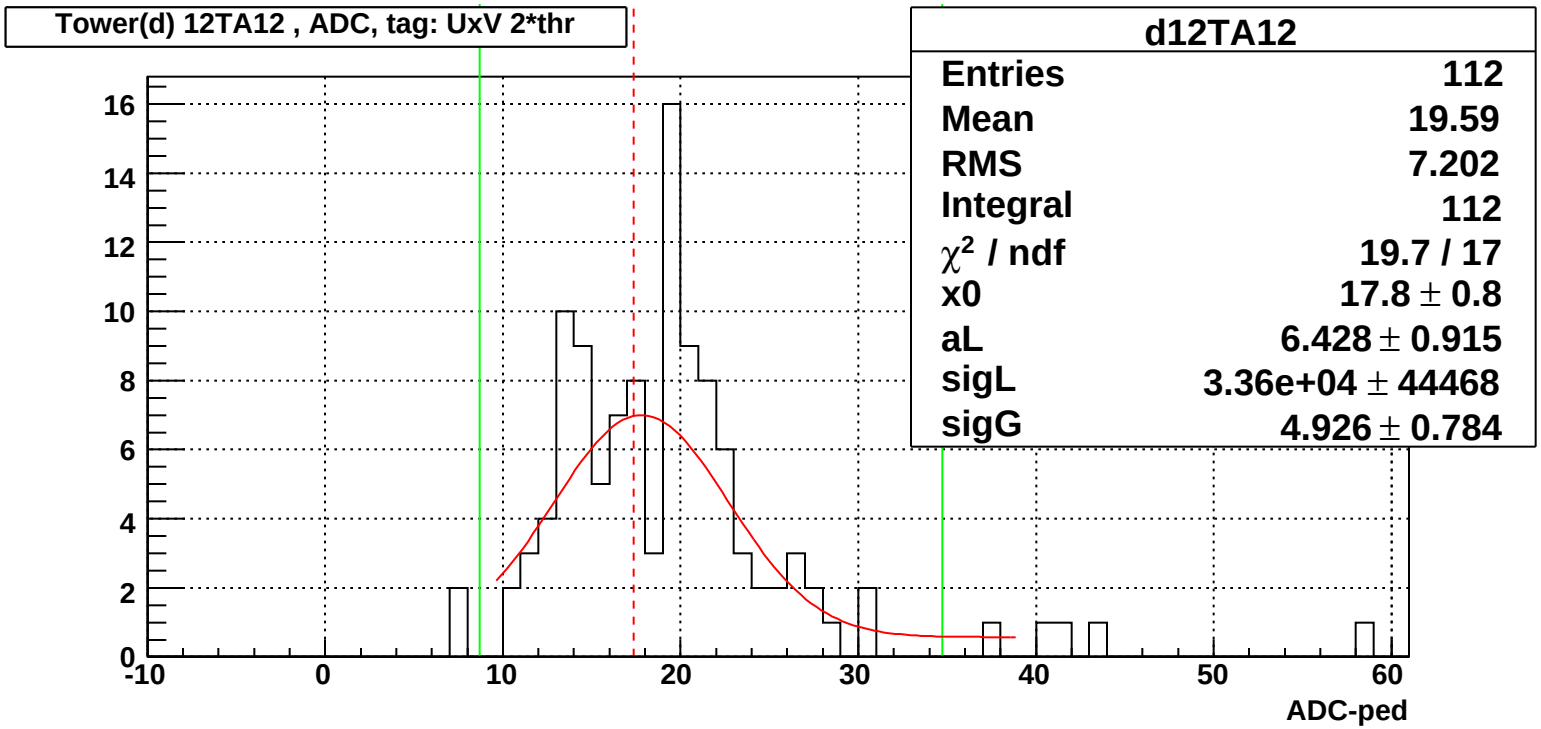

Tower(a) 11TD12 , inclusive ADC
a11TD12
Entries 1793874
Mean 0.09189
RMS 1.775
Integral 1.794e+06
χ² / ndf 1.534e+05 / 8
Constant 7.485e+05 ± 889
Mean -0.01767 ± 0.00087
Sigma 0.8689 ± 0.0008
ADC-ped

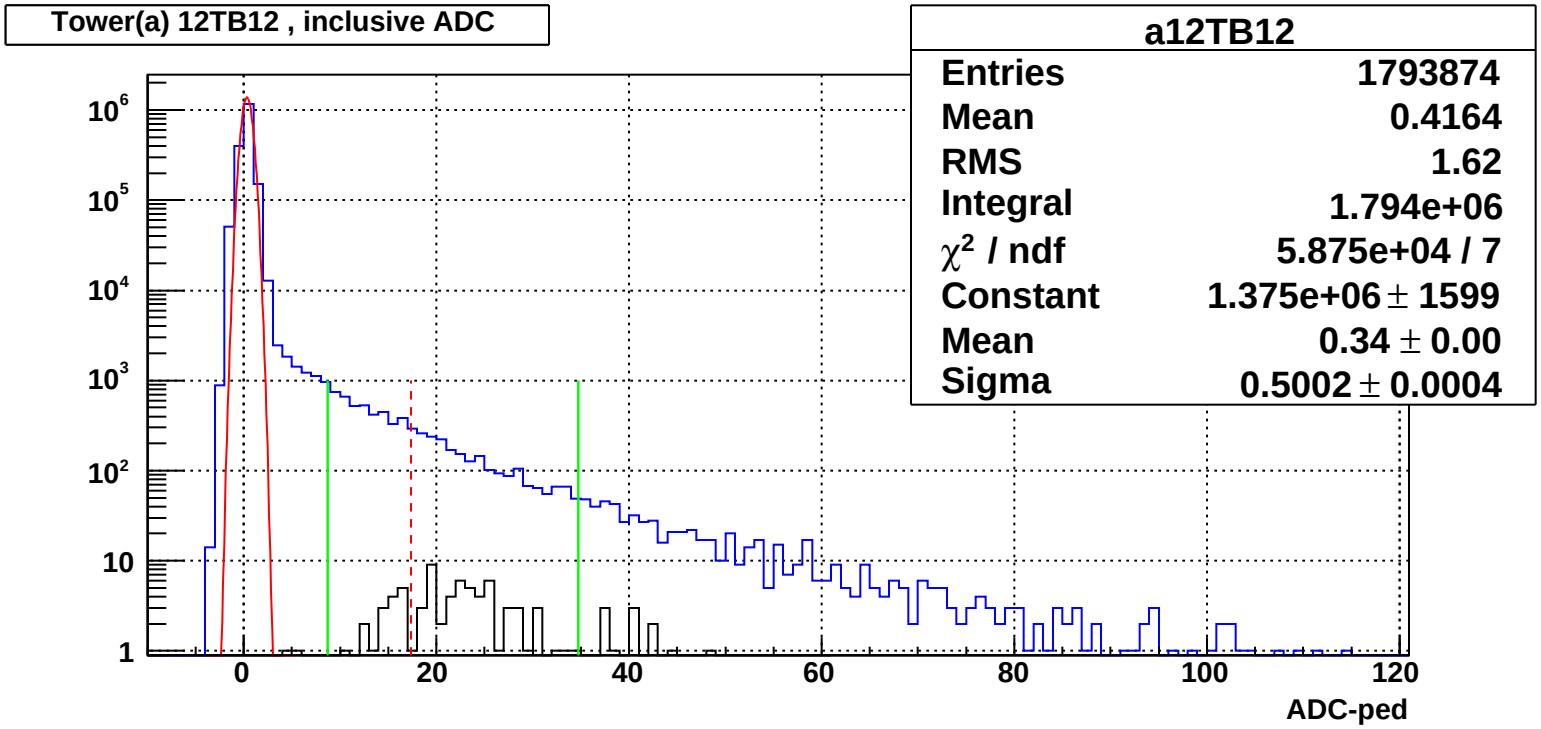

Tower(d) 11TD12 , ADC, tag: UxV 2*thr
d11TD12
Entries 93
Mean 20.79
RMS 6.319
Integral 92
χ² / ndf 12.95 / 17
x0 19.68 ± 0.67
aL 6.389 ± 0.949
sigL 4.04e+04 ± 31236
sigG 4.114 ± 0.587
ADC-ped

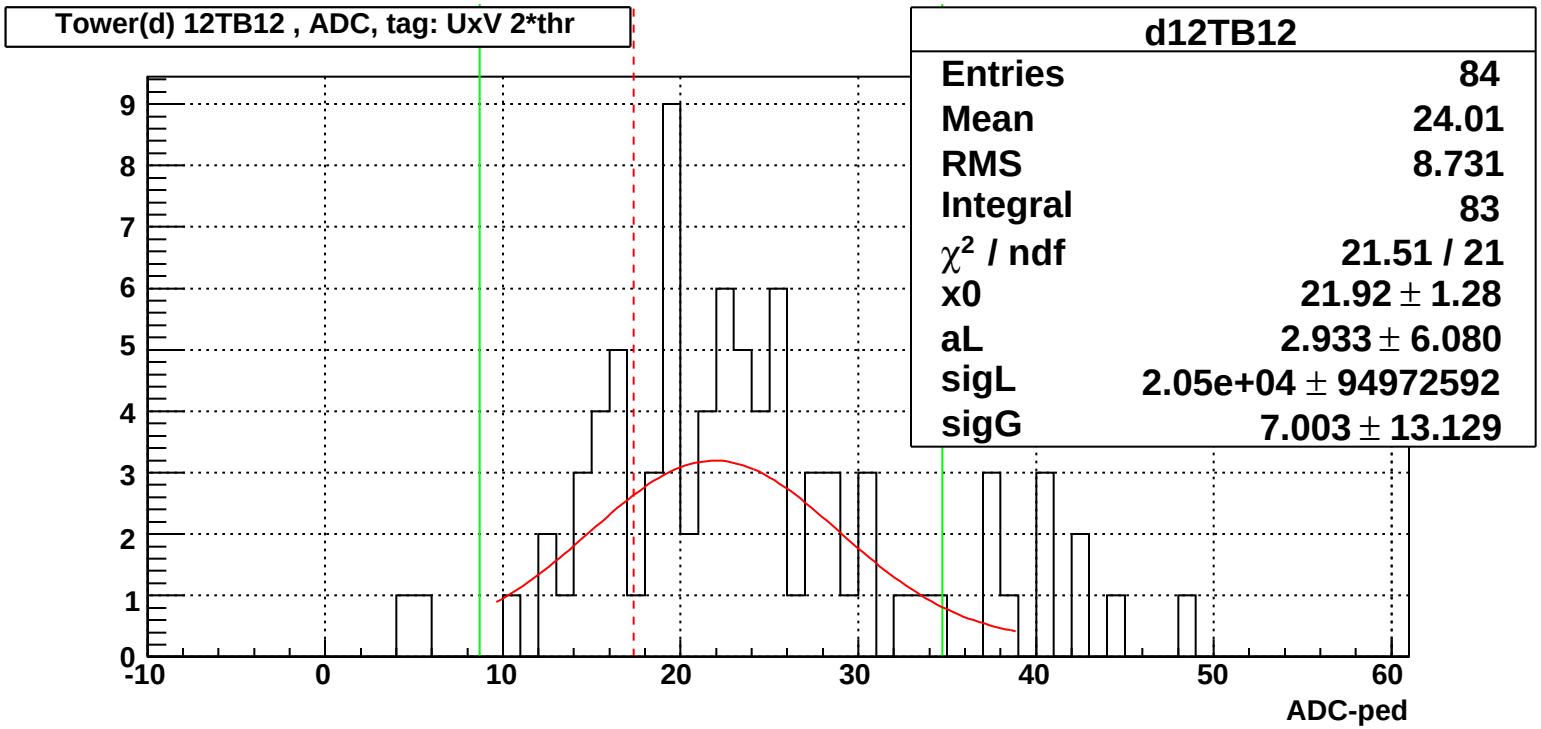

Tower(a) 11TE12 , inclusive ADC
a11TE12
Entries 1793874
Mean 0.5625
RMS 1.616
Integral 1.794e+06
χ² / ndf 9.907e+04 / 7
Constant 1.029e+06 ± 1617
Mean 0.4621 ± 0.0006
Sigma 0.6531 ± 0.0009
ADC-ped

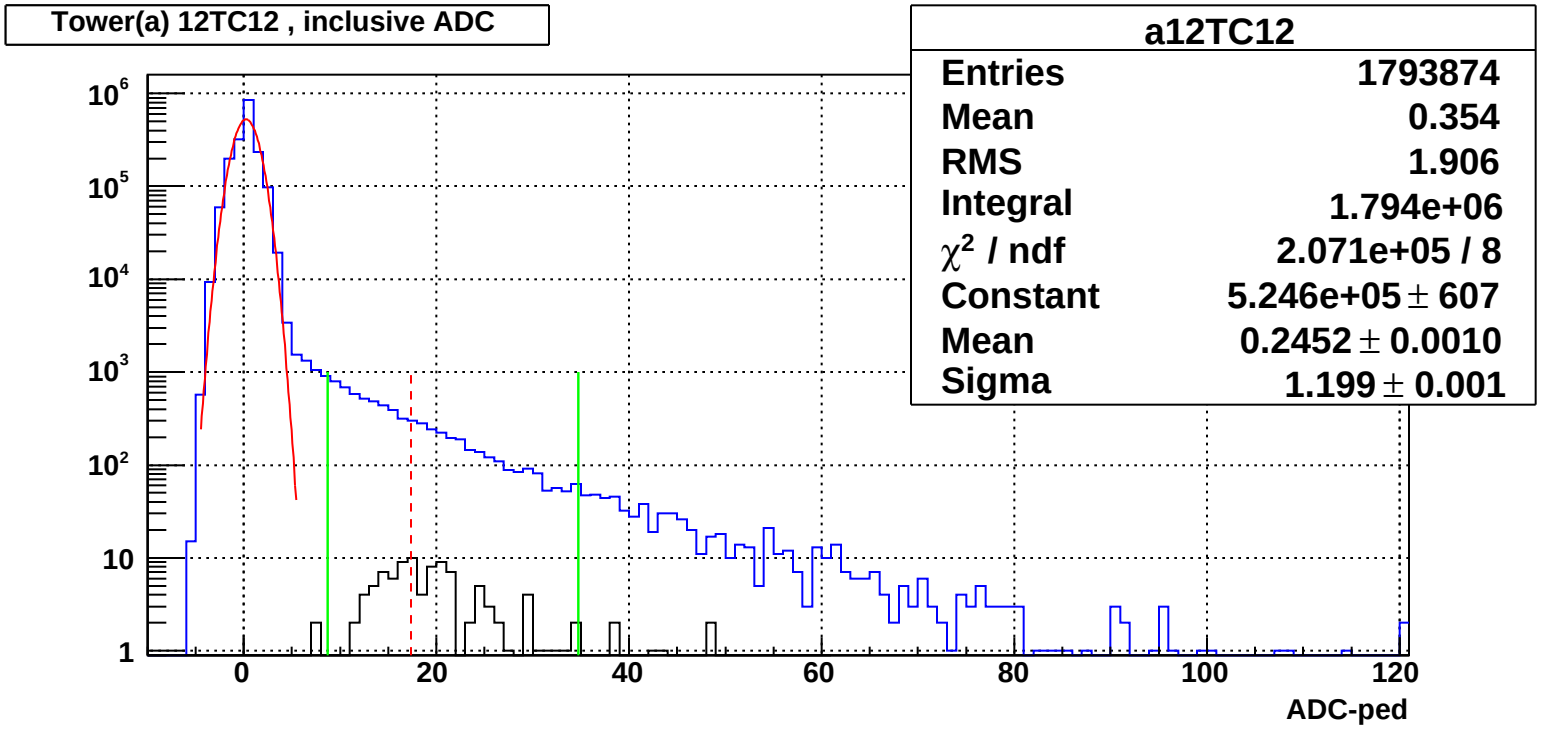

Tower(d) 11TE12 , ADC, tag: UxV 2*thr
d11TE12
Entries 104
Mean 19.65
RMS 5.84
Integral 103
χ² / ndf 6.522 / 16
x0 18.77 ± 0.55
aL 8.301 ± 1.207
sigL 4.605e+04 ± 61304
sigG 3.759 ± 0.501
ADC-ped

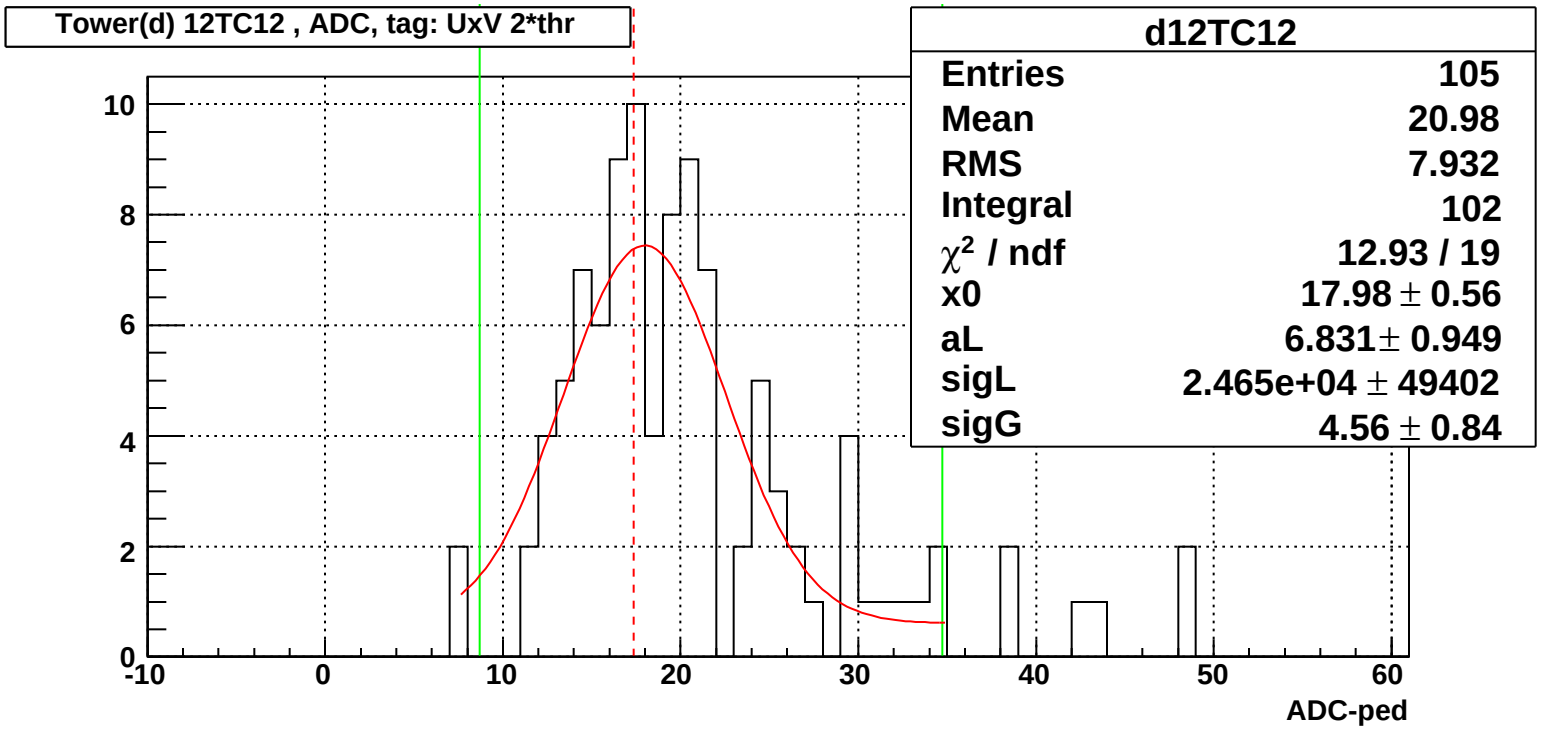

Tower(a) 12TA12 , inclusive ADC
a12TA12
Entries 1793874
Mean 0.2571
RMS 1.572
Integral 1.794e+06
χ² / ndf 8.251e+04 / 7
Constant 1.252e+06 ± 1694
Mean 0.2099 ± 0.0006
Sigma 0.5422 ± 0.0006
ADC-ped

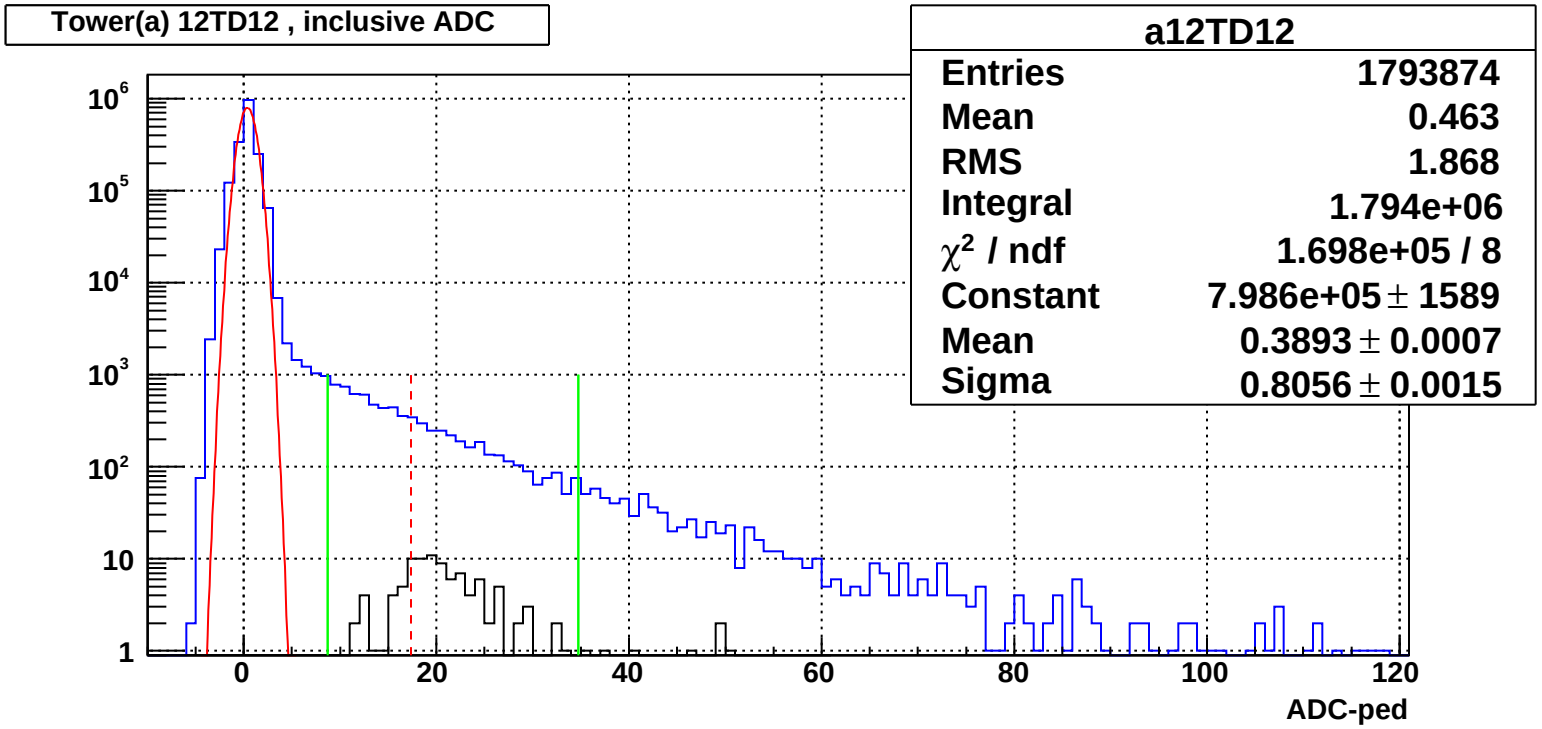

Tower(d) 12TA12 , ADC, tag: UxV 2*thr
d12TA12
Entries 112
Mean 19.59
RMS 7.202
Integral 112
χ² / ndf 19.7 / 17
x0 17.8 ± 0.8
aL 6.428 ± 0.915
sigL 3.36e+04 ± 44468
sigG 4.926 ± 0.784
ADC-ped

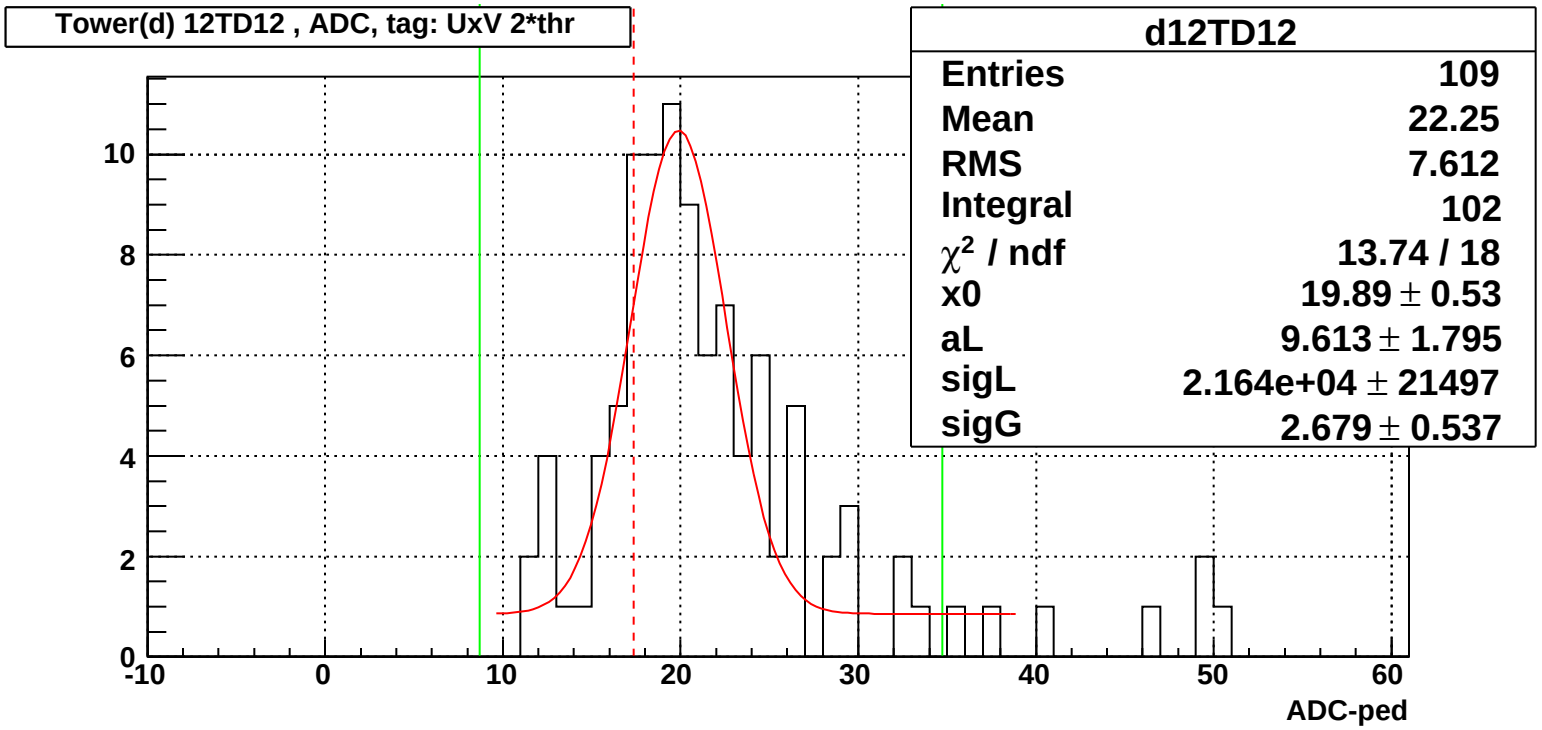

Tower(a) 12TB12 , inclusive ADC
a12TB12
Entries 1793874
Mean 0.4164
RMS 1.62
Integral 1.794e+06
χ² / ndf 5.875e+04 / 7
Constant 1.375e+06 ± 1599
Mean 0.34 ± 0.00
Sigma 0.5002 ± 0.0004
ADC-ped

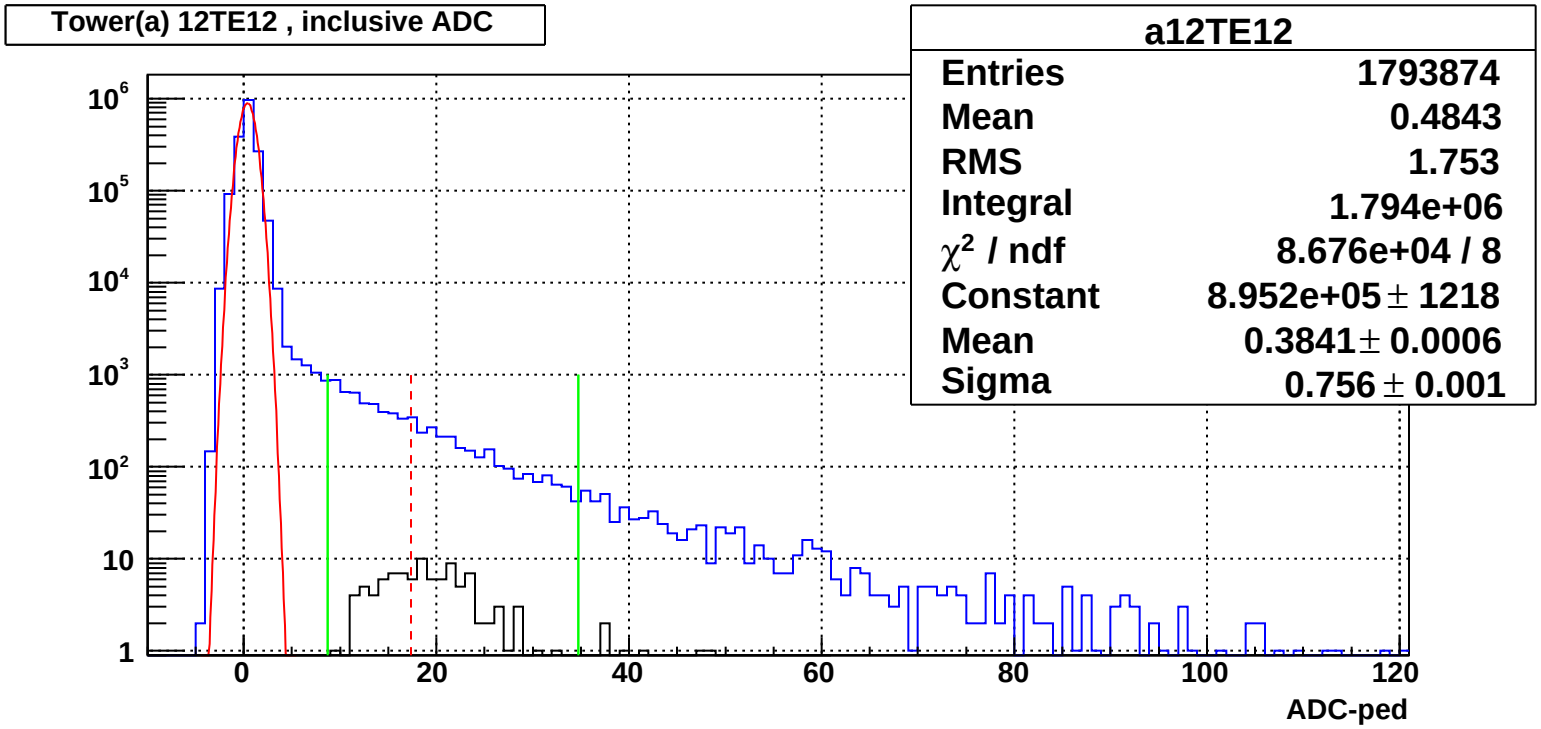

Tower(d) 12TB12 , ADC, tag: UxV 2*thr
d12TB12
Entries 84
Mean 24.01
RMS 8.731
Integral 83
χ² / ndf 21.51 / 21
x0 21.92 ± 1.28
aL 2.933 ± 6.080
sigL 2.05e+04 ± 94972592
sigG 7.003 ± 13.129
ADC-ped

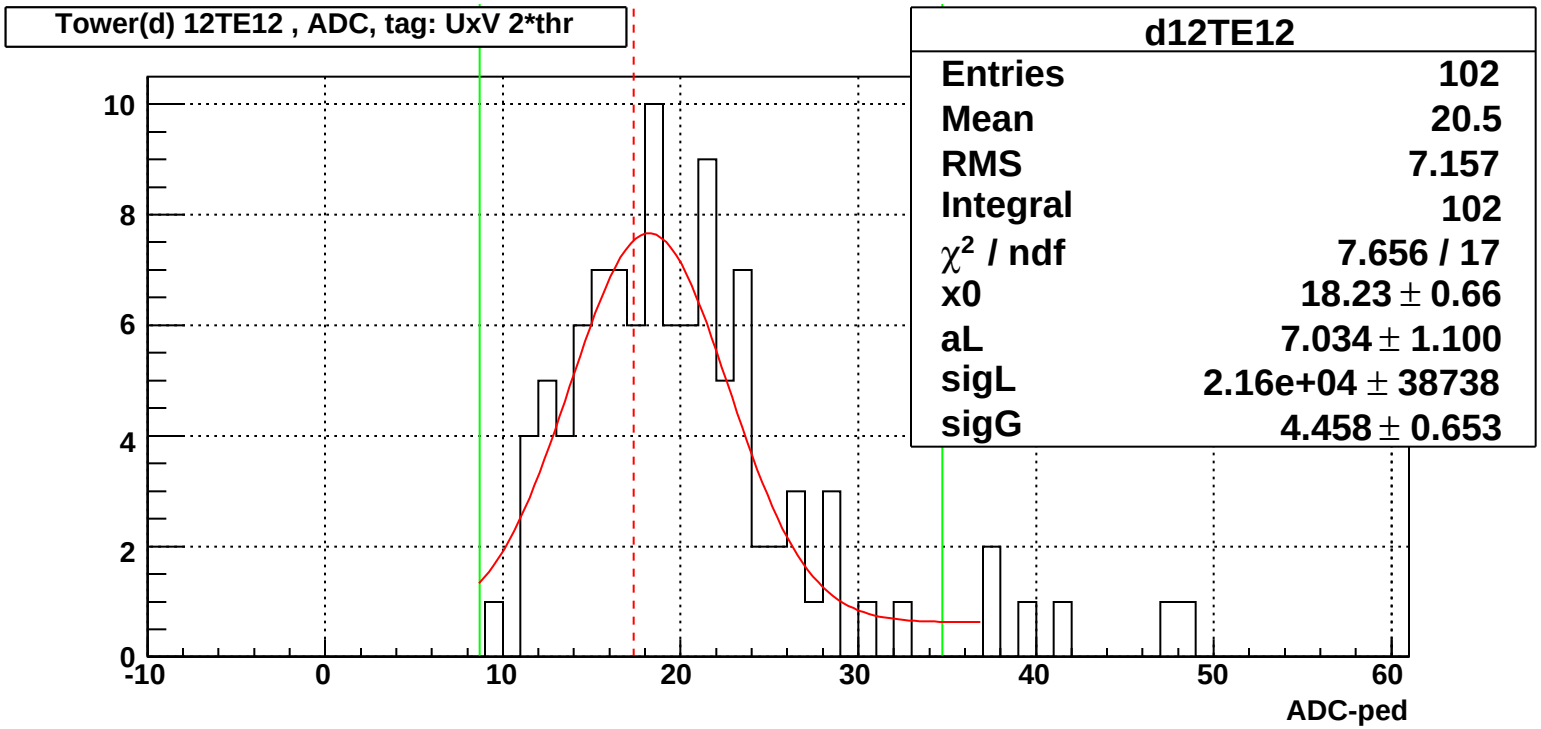

Tower(a) 12TC12 , inclusive ADC
a12TC12
Entries 1793874
Mean 0.354
RMS 1.906
Integral 1.794e+06
χ² / ndf 2.071e+05 / 8
Constant 5.246e+05 ± 607
Mean 0.2452 ± 0.0010
Sigma 1.199 ± 0.001
ADC-ped

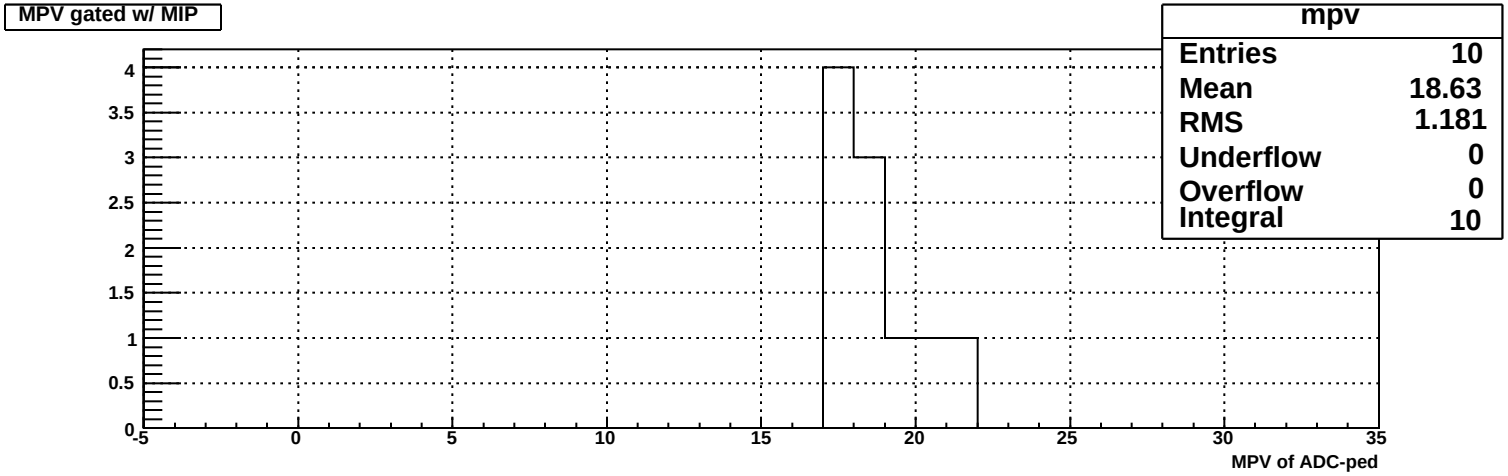

Tower(d) 12TC12 , ADC, tag: UxV 2*thr
d12TC12
Entries 105
Mean 20.98
RMS 7.932
Integral 102
χ² / ndf 12.93 / 19
x0 17.98 ± 0.56
aL 6.831 ± 0.949
sigL 2.465e+04 ± 49402
sigG 4.56 ± 0.84
ADC-ped

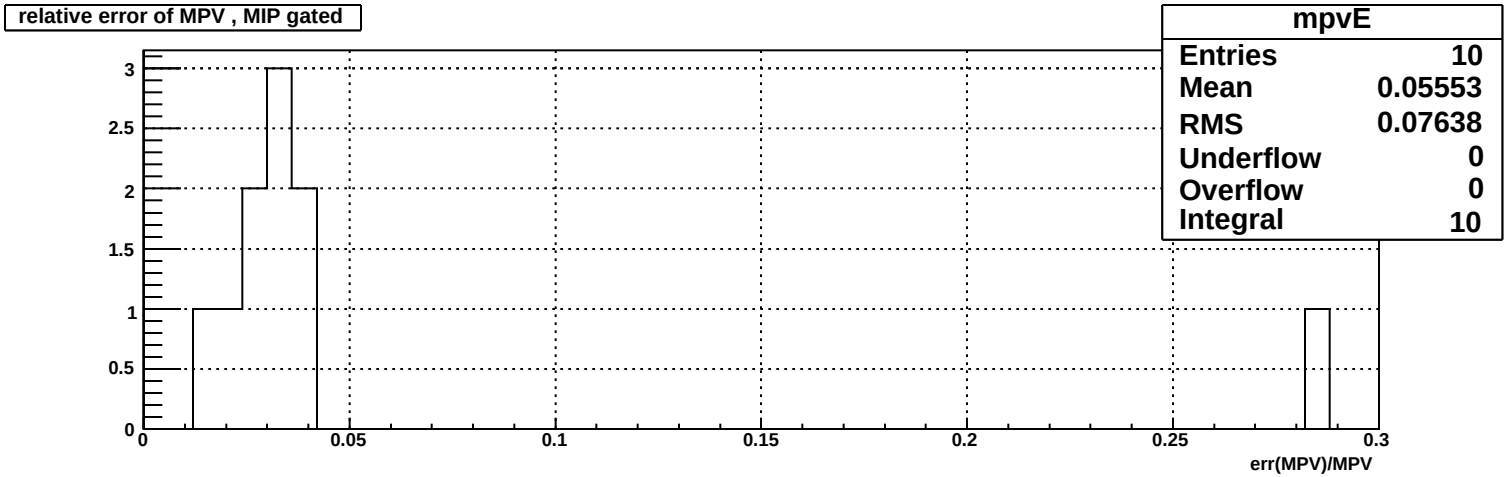

Tower(a) 12TD12 , inclusive ADC
a12TD12
Entries 1793874
Mean 0.463
RMS 1.868
Integral 1.794e+06
χ² / ndf 1.698e+05 / 8
Constant 7.986e+05 ± 1589
Mean 0.3893 ± 0.0007
Sigma 0.8056 ± 0.0015
ADC-ped


Tower(d) 12TD12 , ADC, tag: UxV 2*thr
d12TD12
Entries 109
Mean 22.25
RMS 7.612
Integral 102
χ² / ndf 13.74 / 18
x0 19.89 ± 0.53
aL 9.613 ± 1.795
sigL 2.164e+04 ± 21497
sigG 2.679 ± 0.537
ADC-ped


Tower(a) 12TE12 , inclusive ADC
a12TE12
Entries 1793874
Mean 0.4843
RMS 1.753
Integral 1.794e+06
χ² / ndf 8.676e+04 / 8
Constant 8.952e+05 ± 1218
Mean 0.3841 ± 0.0006
Sigma 0.756 ± 0.001
ADC-ped


Tower(d) 12TE12 , ADC, tag: UxV 2*thr
d12TE12
Entries 102
Mean 20.5
RMS 7.157
Integral 102
χ² / ndf 7.656 / 17
x0 18.23 ± 0.66
aL 7.034 ± 1.100
sigL 2.16e+04 ± 38738
sigG 4.458 ± 0.653
ADC-ped


MPV gated w/ MIP
mpv
Entries 10
Mean 18.63
RMS 1.181
Underflow 0
Overflow 0
Integral 10
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 10
Mean 0.05553
RMS 0.07638
Underflow 0
Overflow 0
Integral 10
err(MPV)/MPV