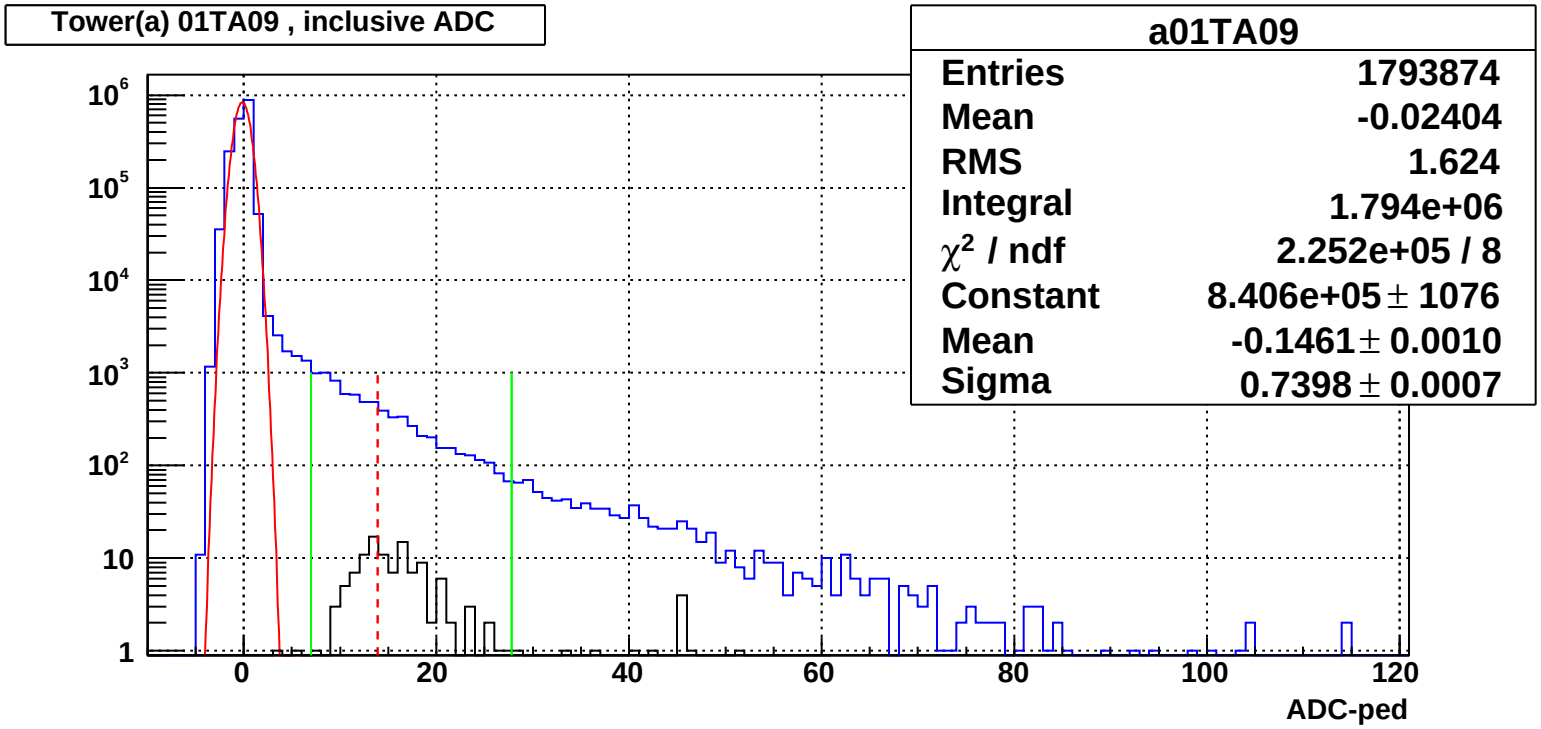
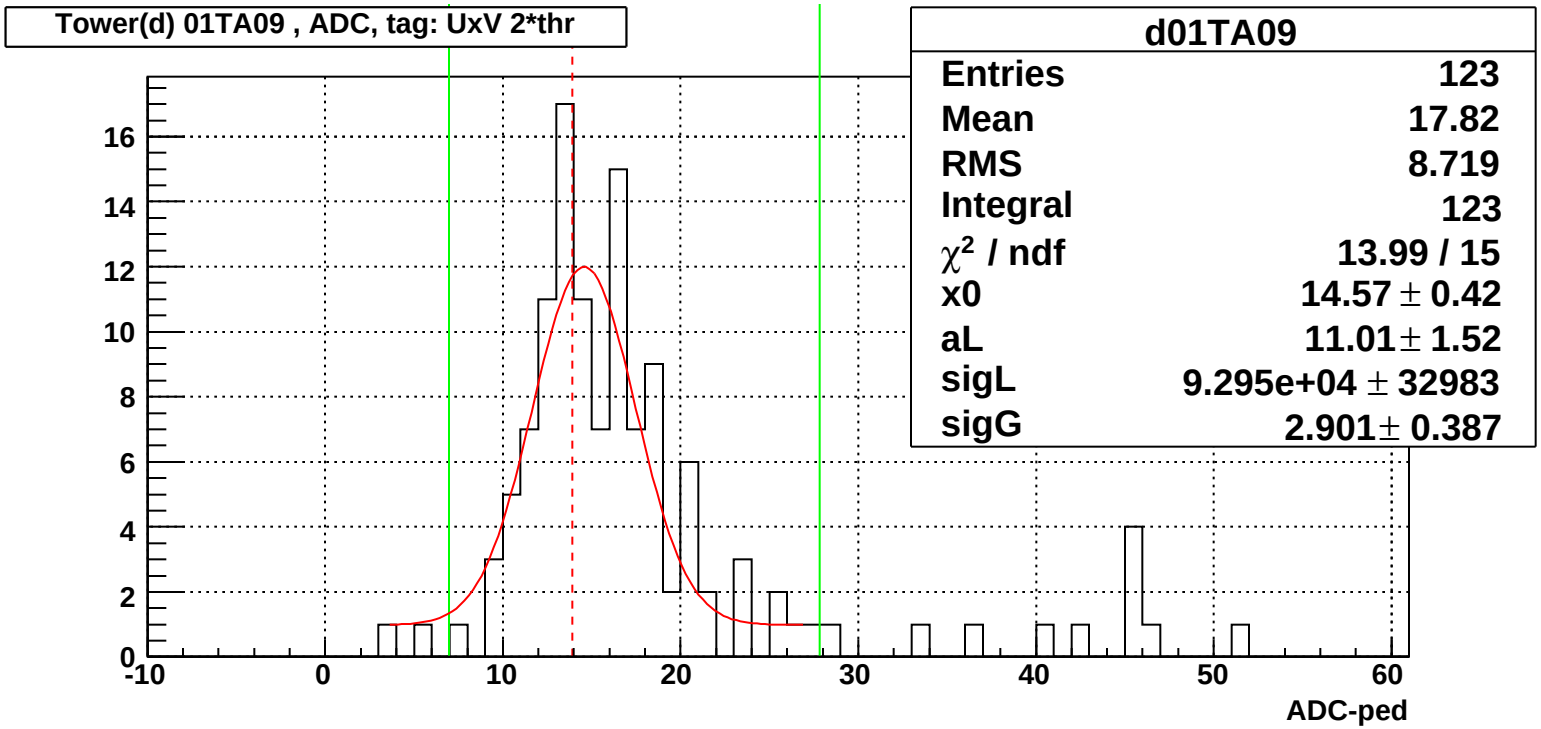
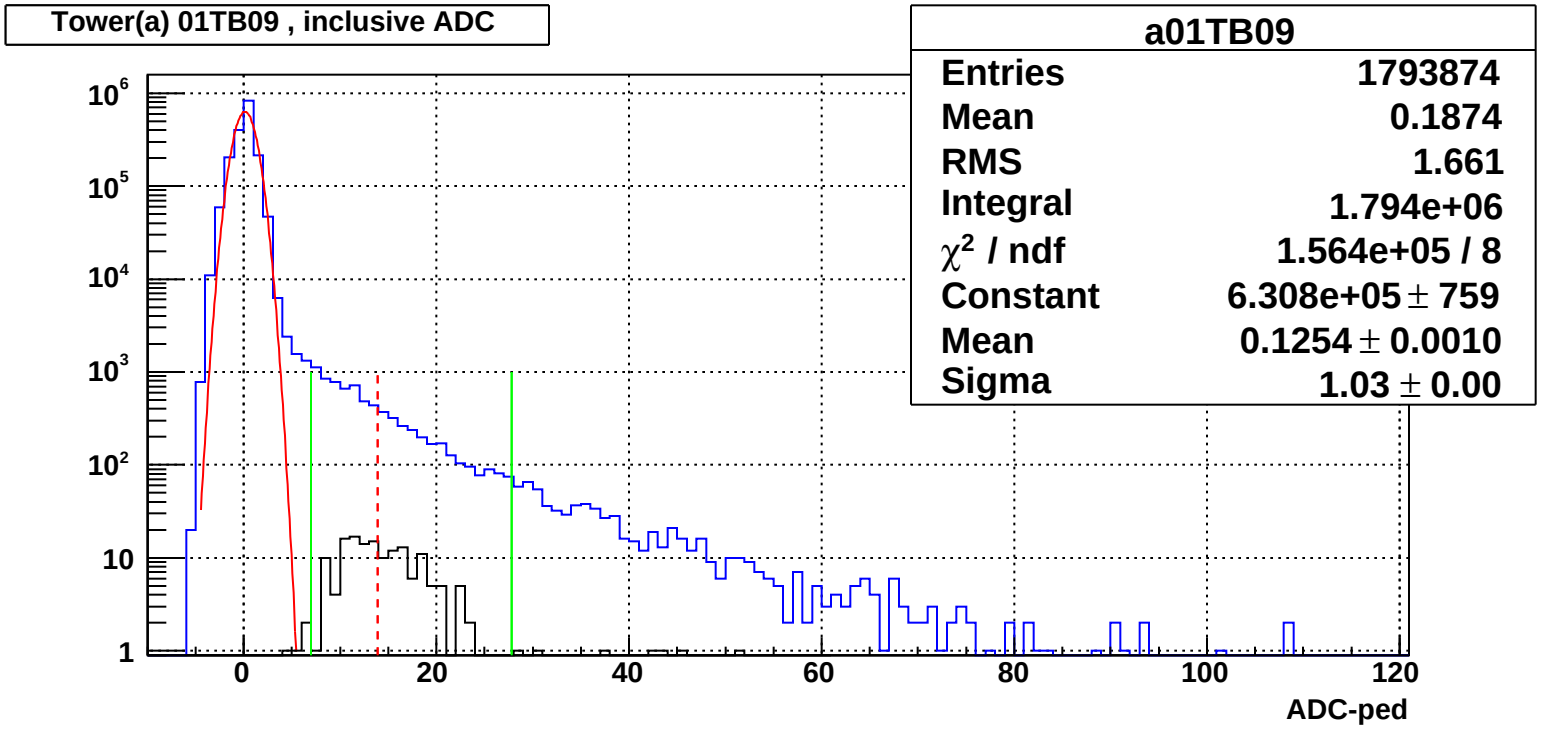
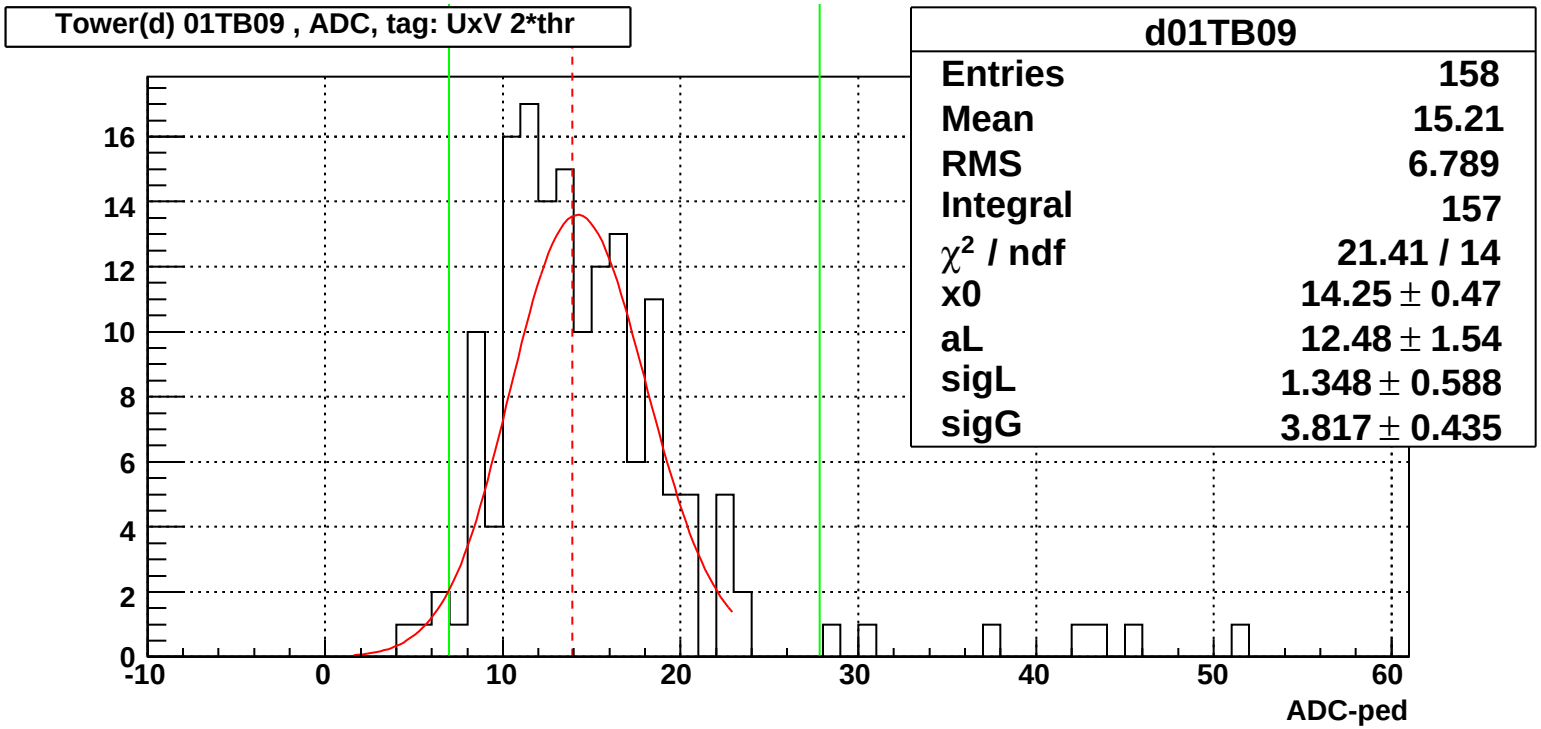
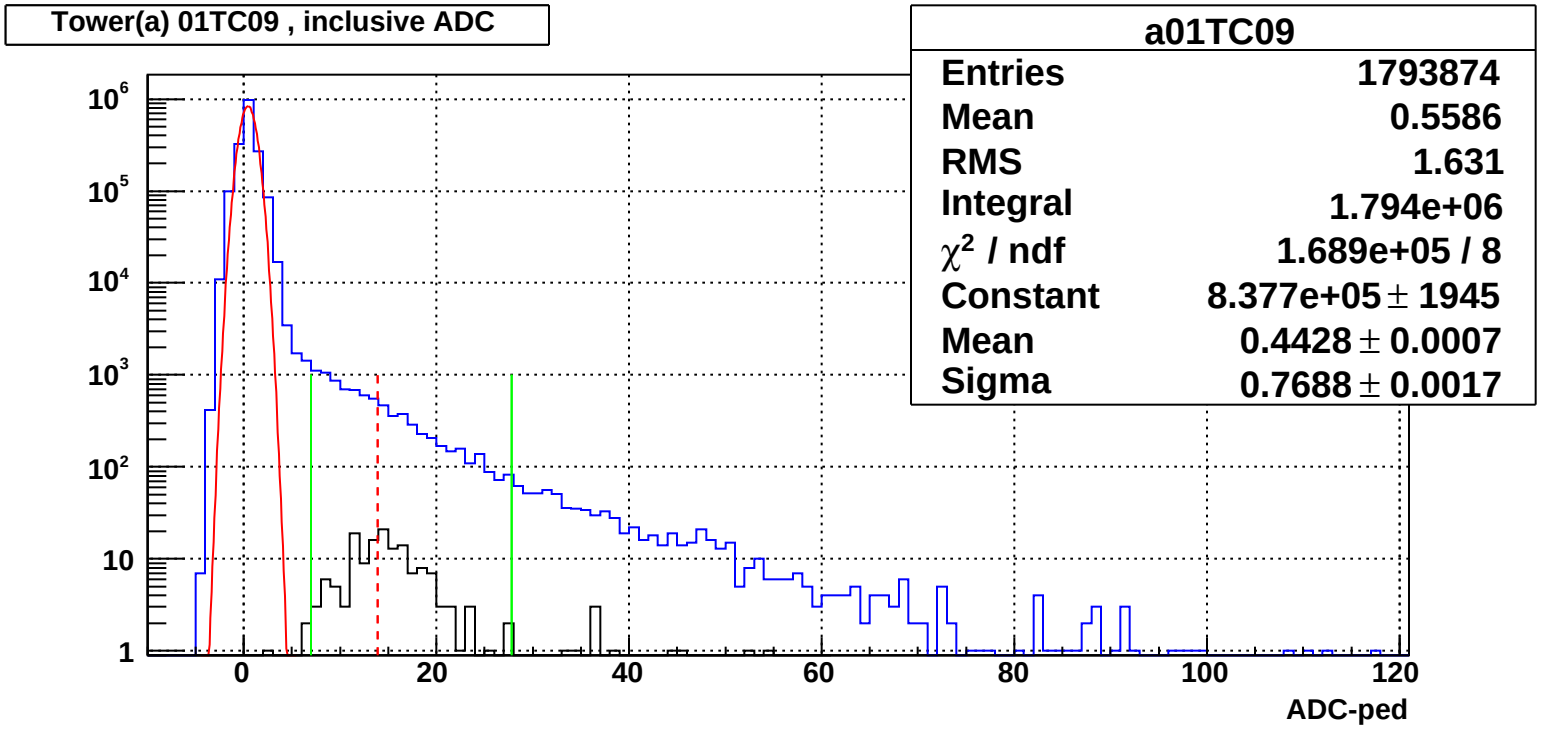
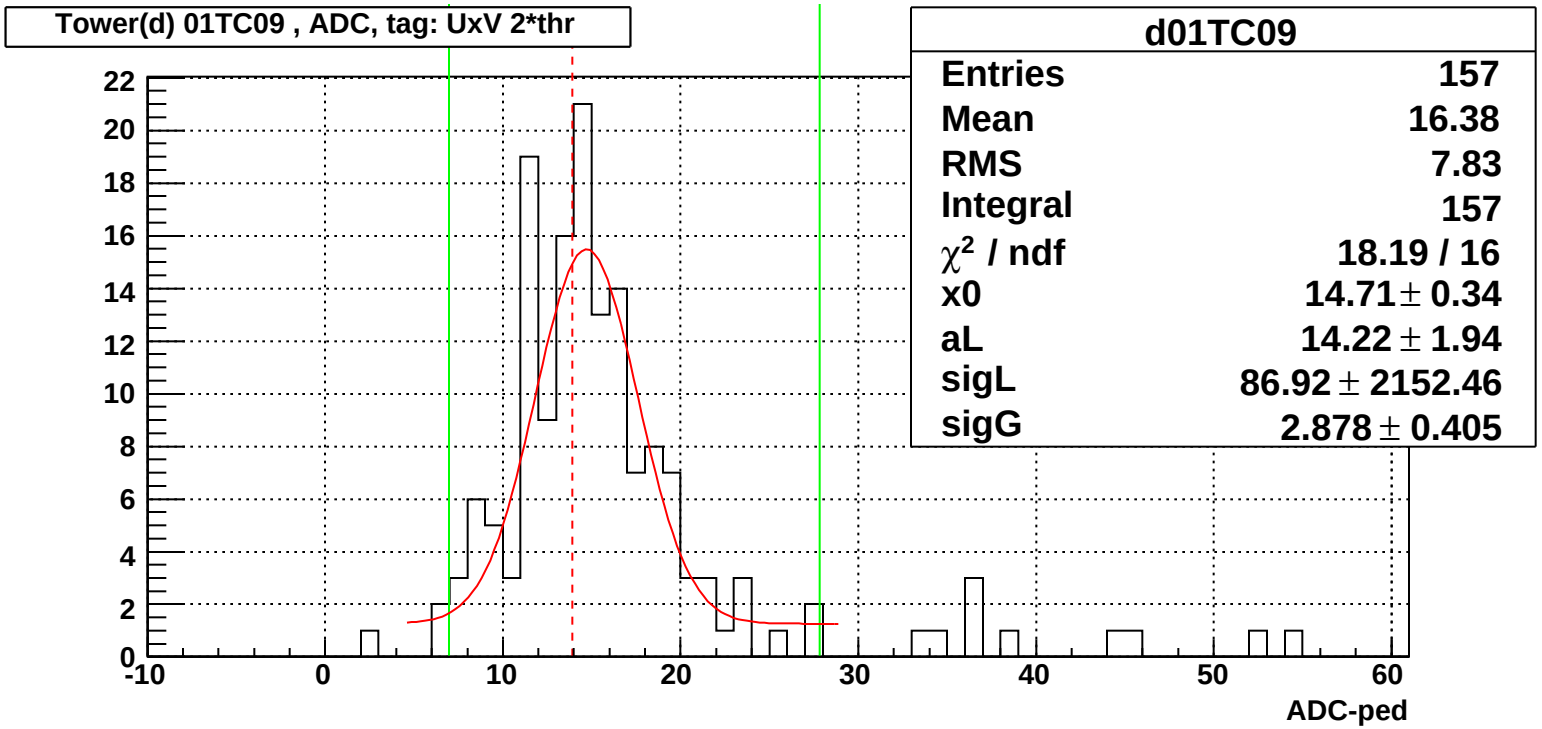

Tower(a) 01TA09 , inclusive ADC
a01TA09
Entries 1793874
Mean -0.02404
RMS 1.624
Integral 1.794e+06
χ² / ndf 2.252e+05 / 8
Constant 8.406e+05 ± 1076
Mean -0.1461 ± 0.0010
Sigma 0.7398 ± 0.0007
ADC-ped

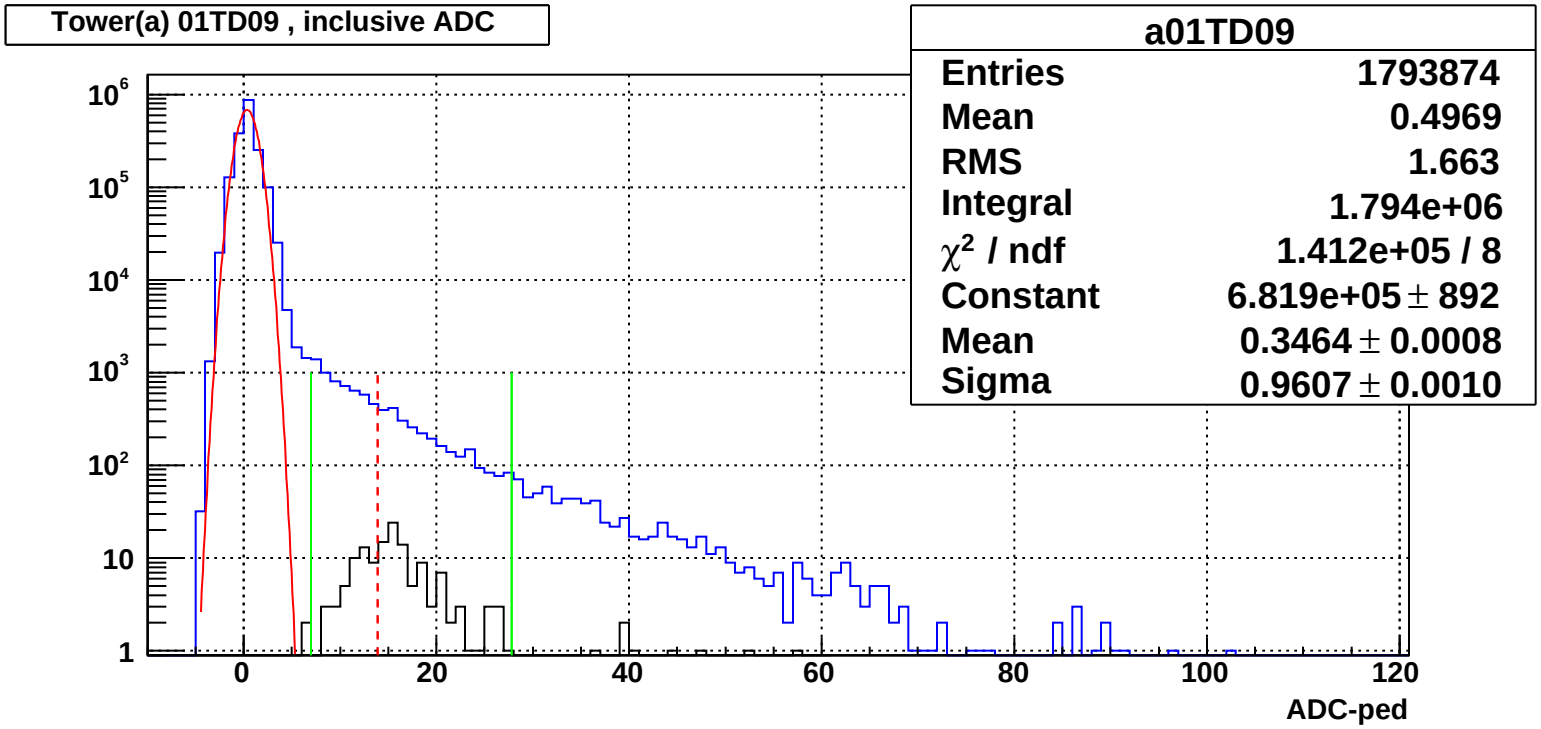

Tower(d) 01TA09 , ADC, tag: UxV 2*thr
d01TA09
Entries 123
Mean 17.82
RMS 8.719
Integral 123
χ² / ndf 13.99 / 15
x0 14.57 ± 0.42
aL 11.01 ± 1.52
sigL 9.295e+04 ± 32983
sigG 2.901 ± 0.387
ADC-ped

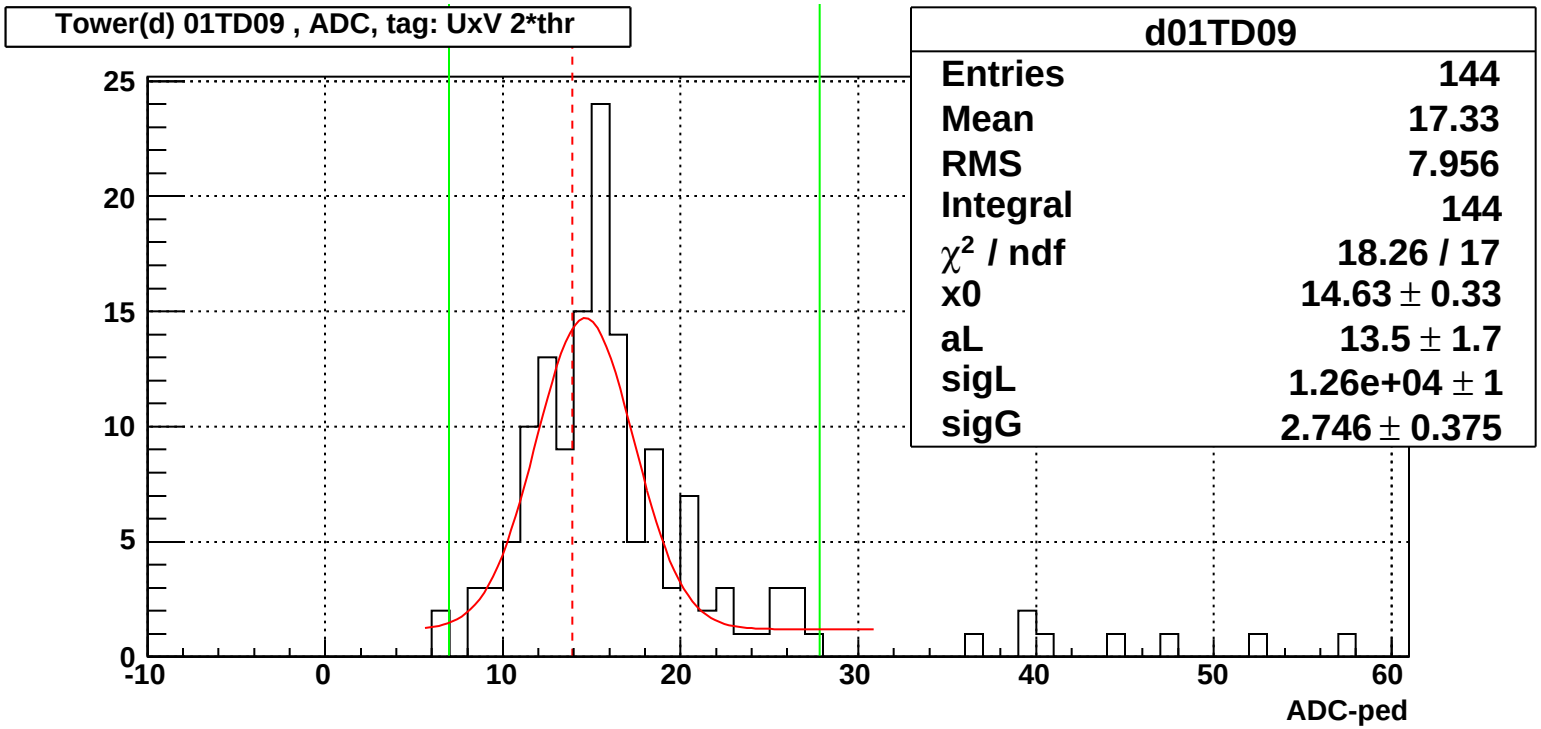

Tower(a) 01TB09 , inclusive ADC
a01TB09
Entries 1793874
Mean 0.1874
RMS 1.661
Integral 1.794e+06
χ² / ndf 1.564e+05 / 8
Constant 6.308e+05 ± 759
Mean 0.1254 ± 0.0010
Sigma 1.03 ± 0.00
ADC-ped

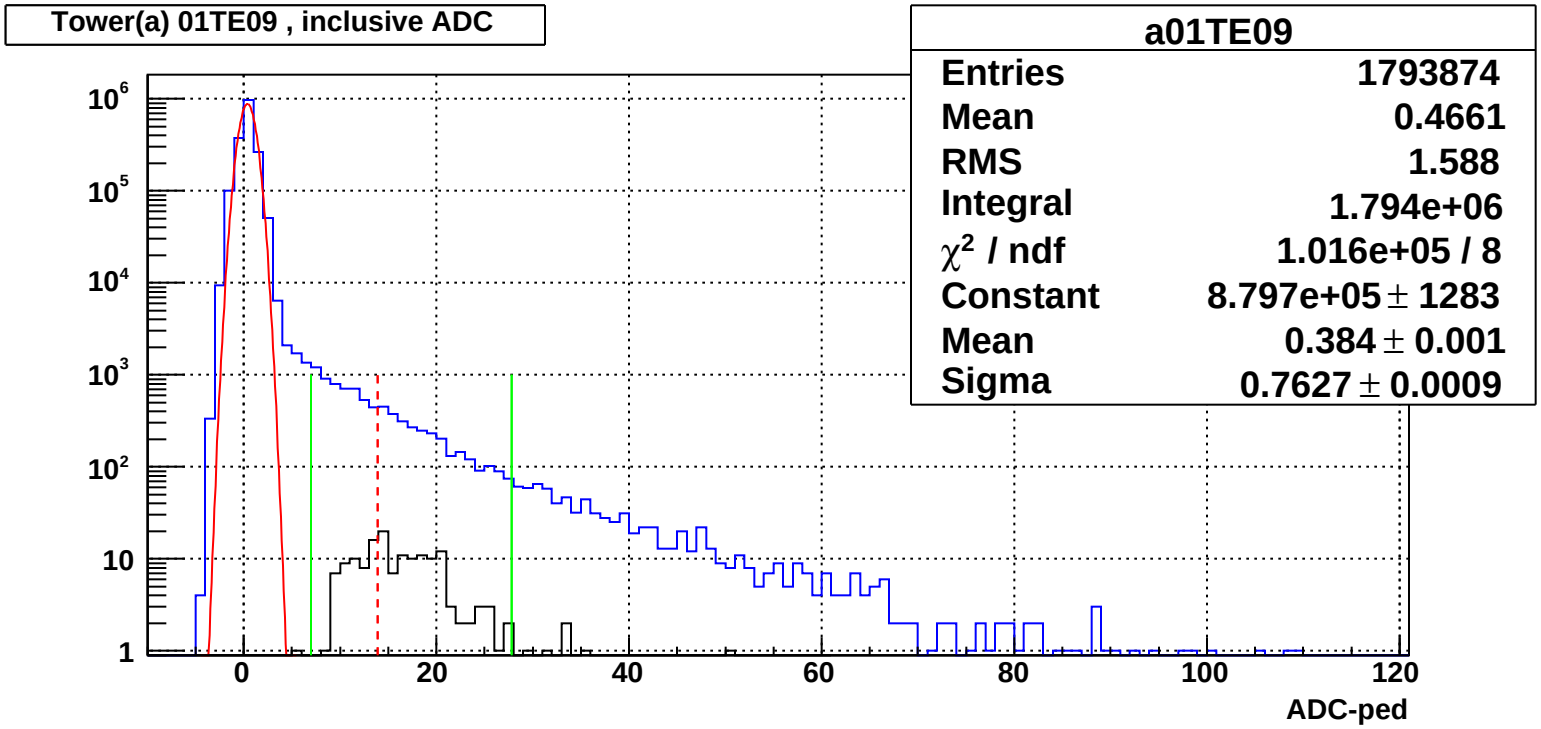

Tower(d) 01TB09 , ADC, tag: UxV 2*thr
d01TB09
Entries 158
Mean 15.21
RMS 6.789
Integral 157
χ² / ndf 21.41 / 14
x0 14.25 ± 0.47
aL 12.48 ± 1.54
sigL 1.348 ± 0.588
sigG 3.817 ± 0.435
ADC-ped

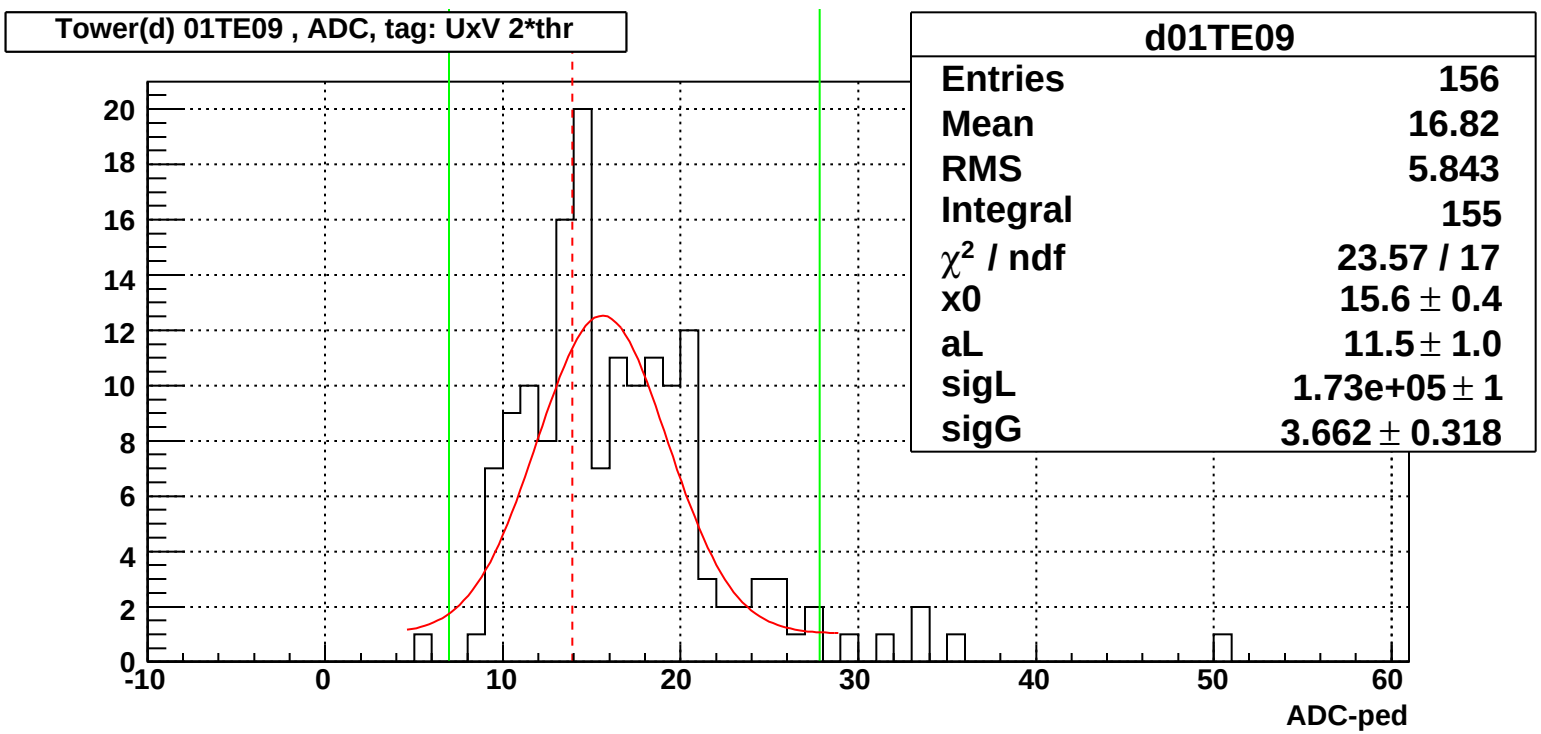

Tower(a) 01TC09 , inclusive ADC
a01TC09
Entries 1793874
Mean 0.5586
RMS 1.631
Integral 1.794e+06
χ² / ndf 1.689e+05 / 8
Constant 8.377e+05 ± 1945
Mean 0.4428 ± 0.0007
Sigma 0.7688 ± 0.0017
ADC-ped

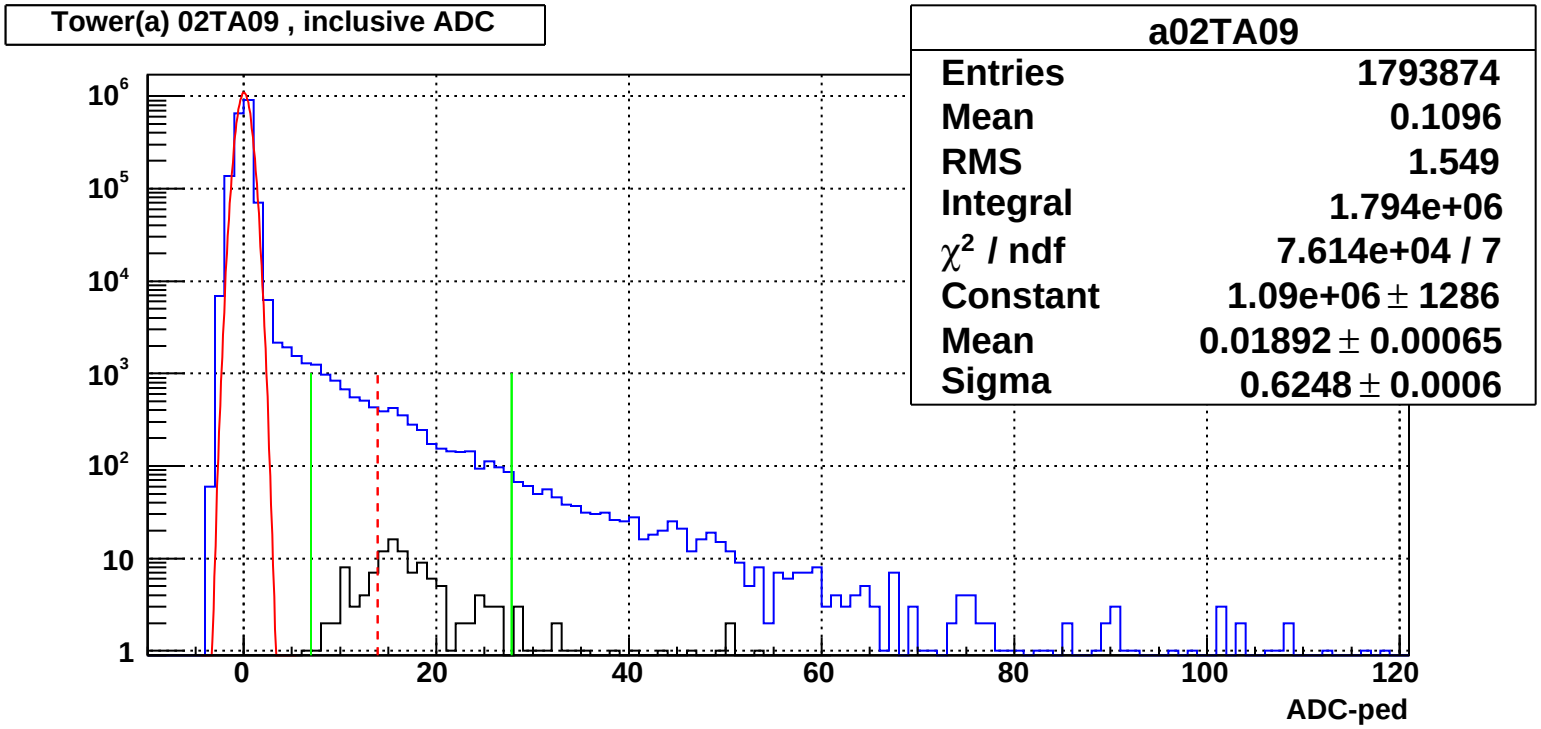

Tower(d) 01TC09 , ADC, tag: UxV 2*thr
d01TC09
Entries 157
Mean 16.38
RMS 7.83
Integral 157
χ² / ndf 18.19 / 16
x0 14.71 ± 0.34
aL 14.22 ± 1.94
sigL 86.92 ± 2152.46
sigG 2.878 ± 0.405
ADC-ped

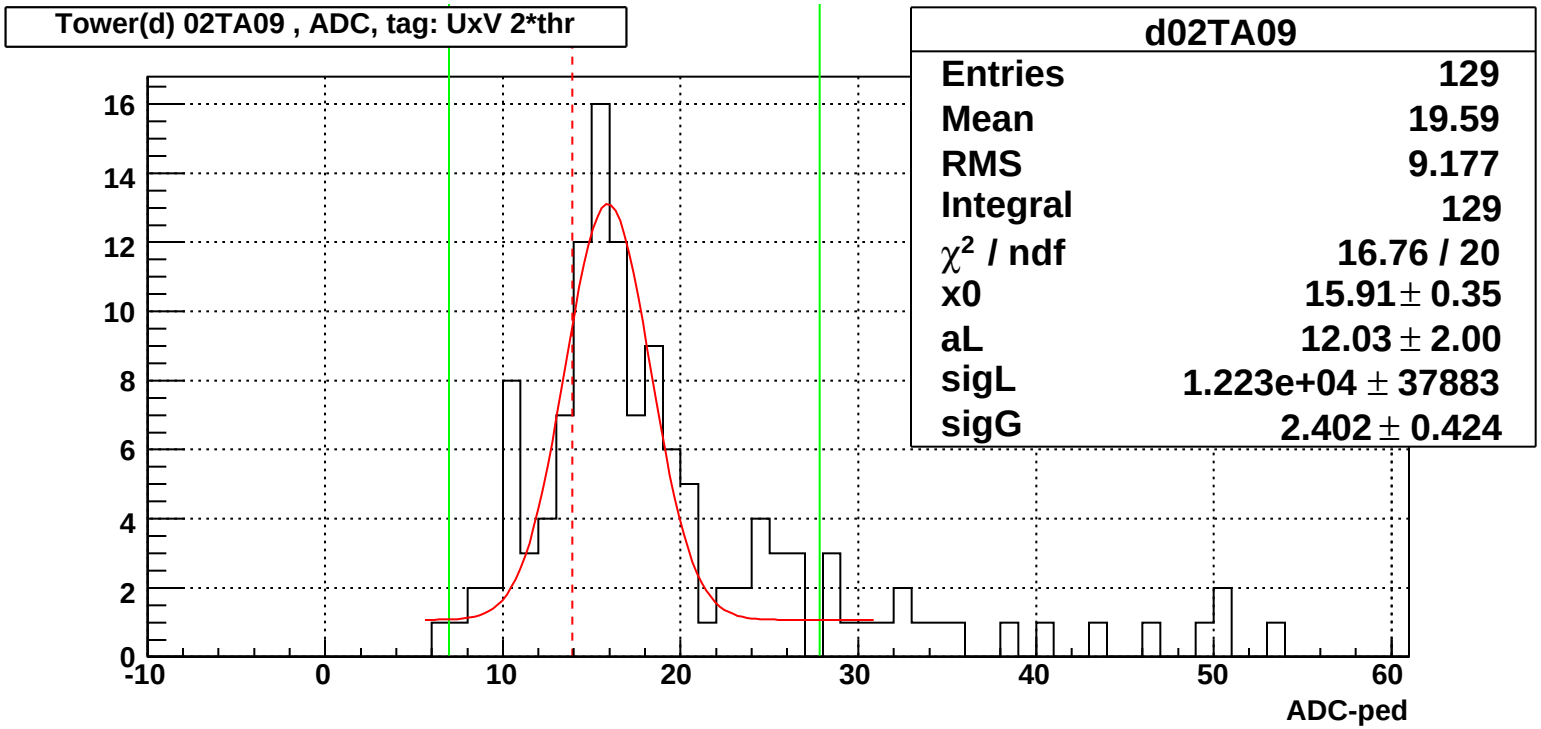

Tower(a) 01TD09 , inclusive ADC
a01TD09
Entries 1793874
Mean 0.4969
RMS 1.663
Integral 1.794e+06
χ² / ndf 1.412e+05 / 8
Constant 6.819e+05 ± 892
Mean 0.3464 ± 0.0008
Sigma 0.9607 ± 0.0010
ADC-ped

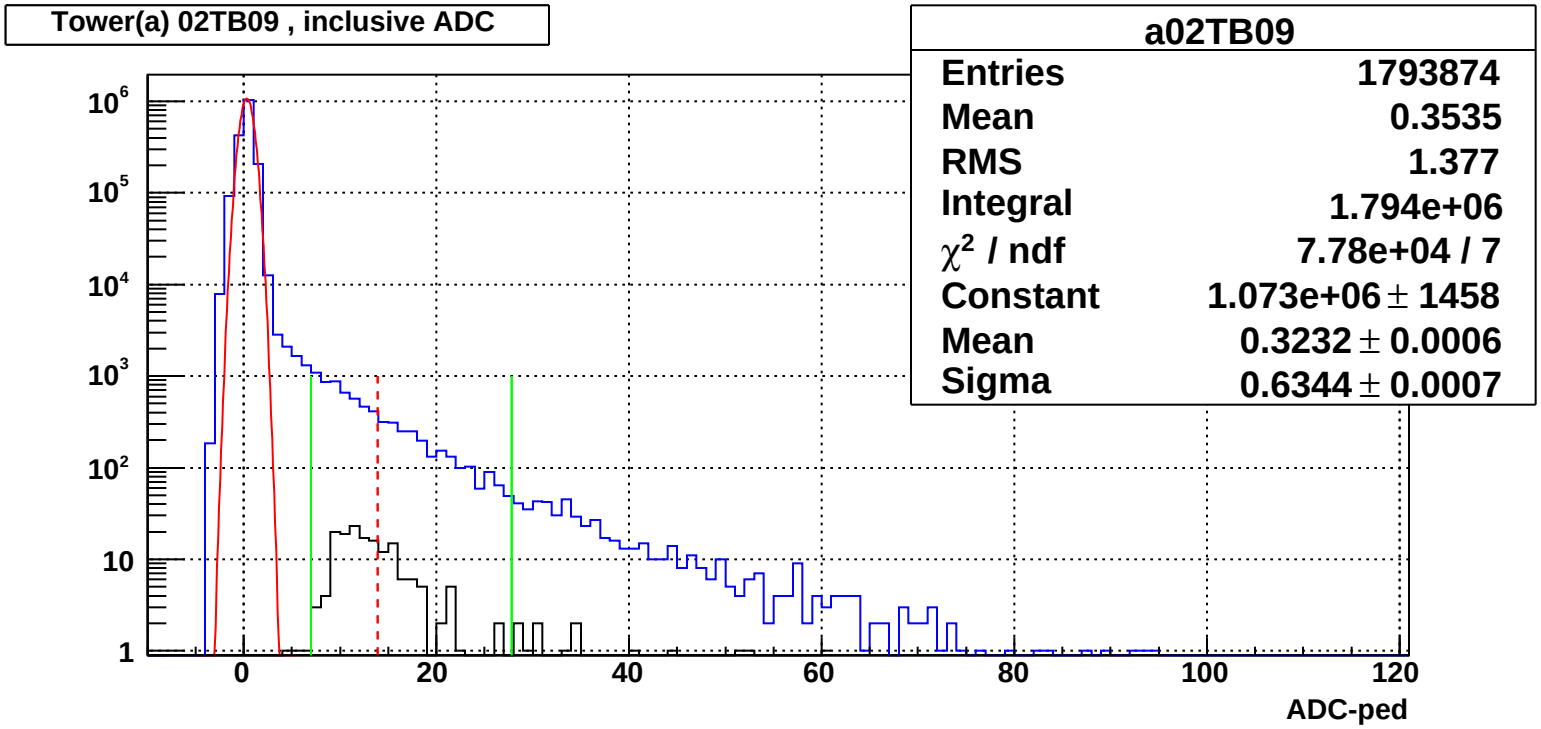

Tower(d) 01TD09 , ADC, tag: UxV 2*thr
d01TD09
Entries 144
Mean 17.33
RMS 7.956
Integral 144
χ² / ndf 18.26 / 17
x0 14.63 ± 0.33
aL 13.5 ± 1.7
sigL 1.26e+04 ± 1
sigG 2.746 ± 0.375
ADC-ped

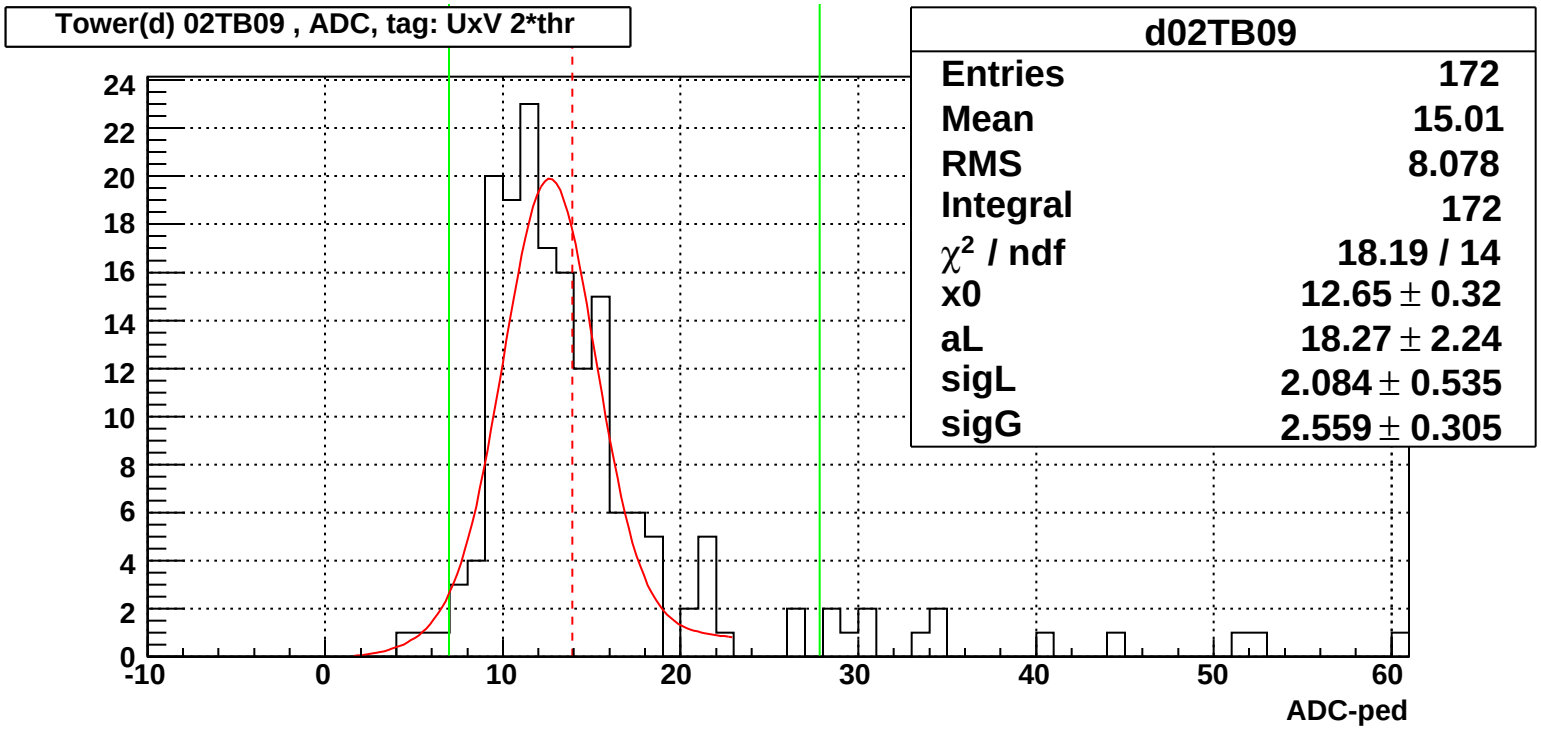

Tower(a) 01TE09 , inclusive ADC
a01TE09
Entries 1793874
Mean 0.4661
RMS 1.588
Integral 1.794e+06
χ² / ndf 1.016e+05 / 8
Constant 8.797e+05 ± 1283
Mean 0.384 ± 0.001
Sigma 0.7627 ± 0.0009
ADC-ped

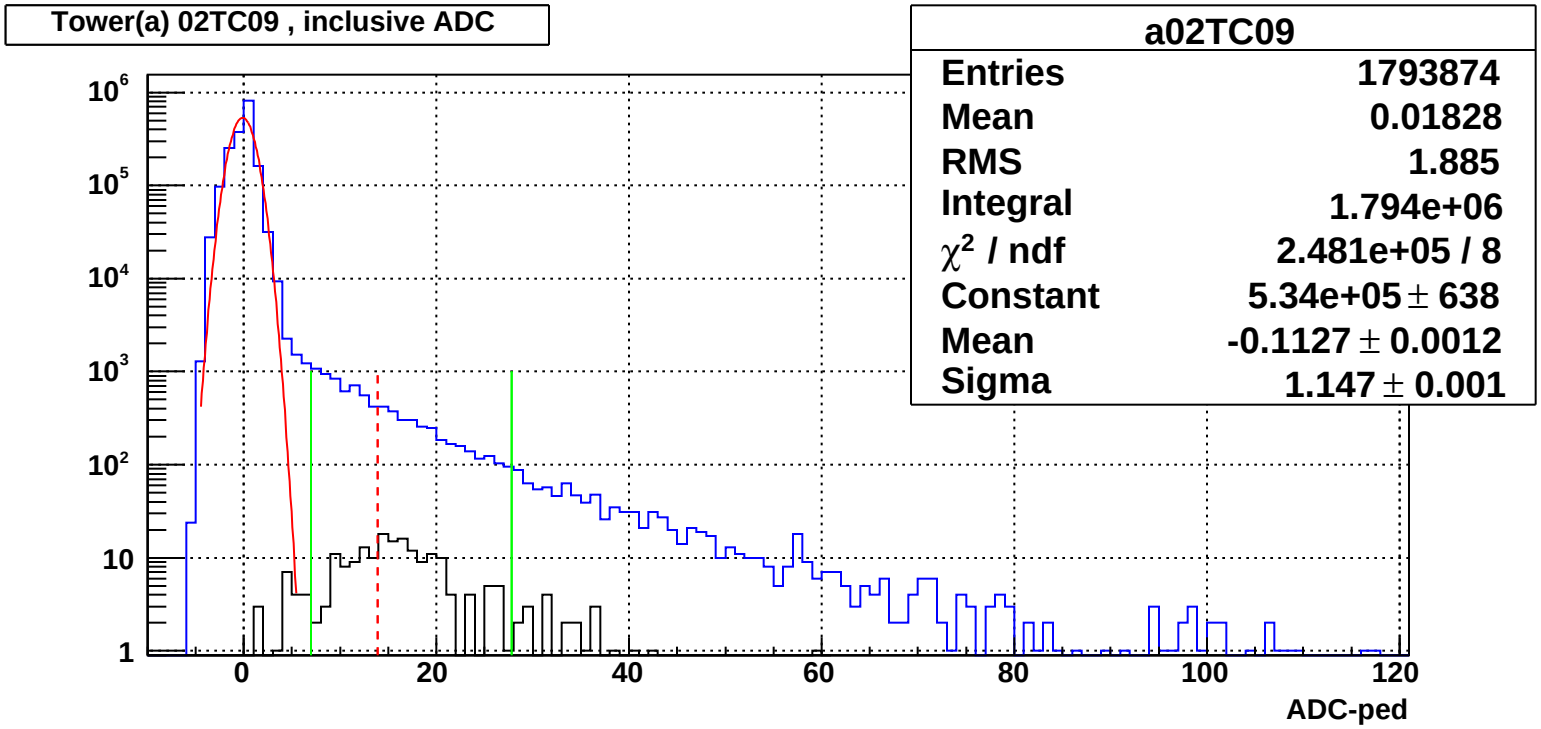

Tower(d) 01TE09 , ADC, tag: UxV 2*thr
d01TE09
Entries 156
Mean 16.82
RMS 5.843
Integral 155
χ² / ndf 23.57 / 17
x0 15.6 ± 0.4
aL 11.5 ± 1.0
sigL 1.73e+05 ± 1
sigG 3.662 ± 0.318
ADC-ped

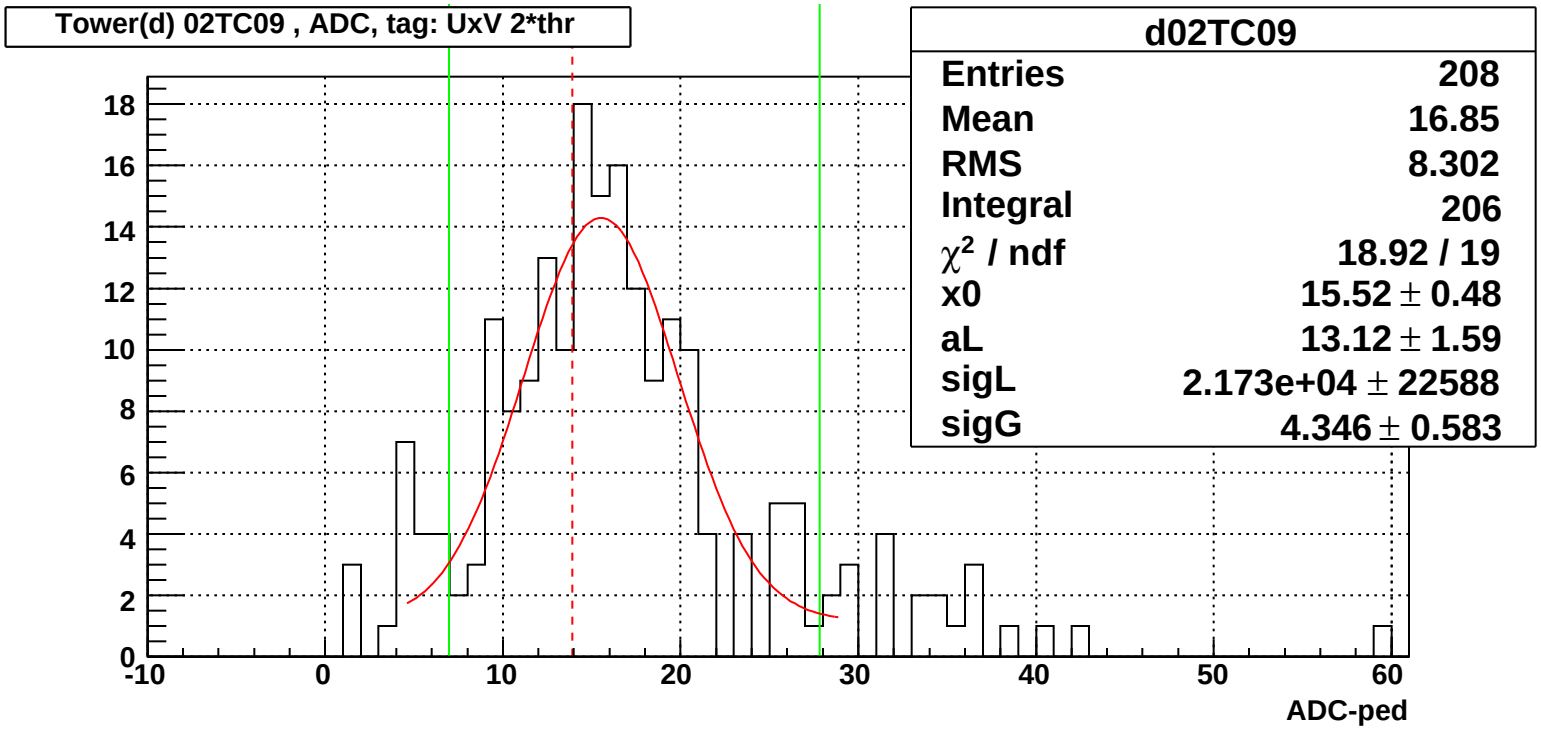

Tower(a) 02TA09 , inclusive ADC
a02TA09
Entries 1793874
Mean 0.1096
RMS 1.549
Integral 1.794e+06
χ² / ndf 7.614e+04 / 7
Constant 1.09e+06 ± 1286
Mean 0.01892 ± 0.00065
Sigma 0.6248 ± 0.0006
ADC-ped

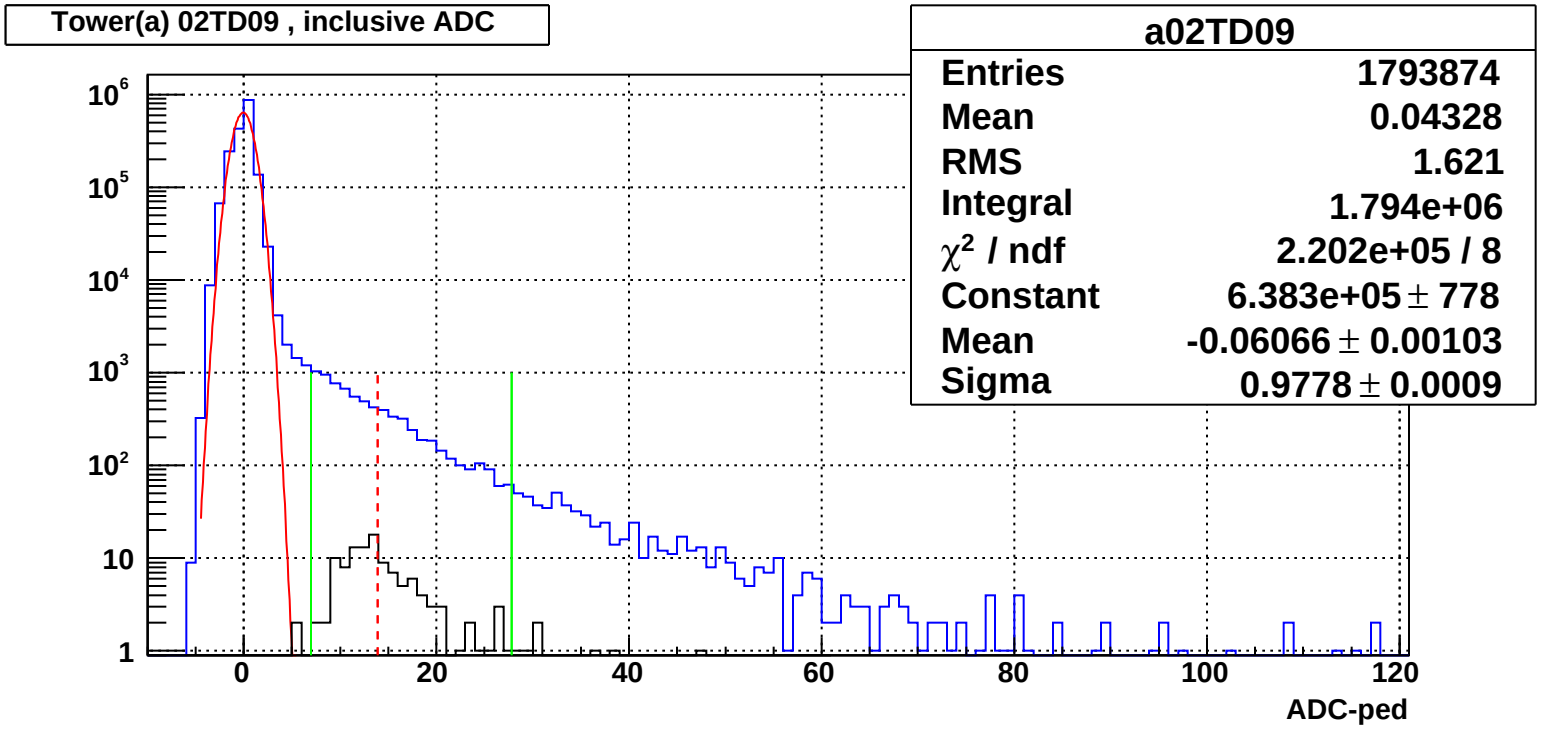

Tower(d) 02TA09 , ADC, tag: UxV 2*thr
d02TA09
Entries 129
Mean 19.59
RMS 9.177
Integral 129
χ² / ndf 16.76 / 20
x0 15.91 ± 0.35
aL 12.03 ± 2.00
sigL 1.223e+04 ± 37883
sigG 2.402 ± 0.424
ADC-ped

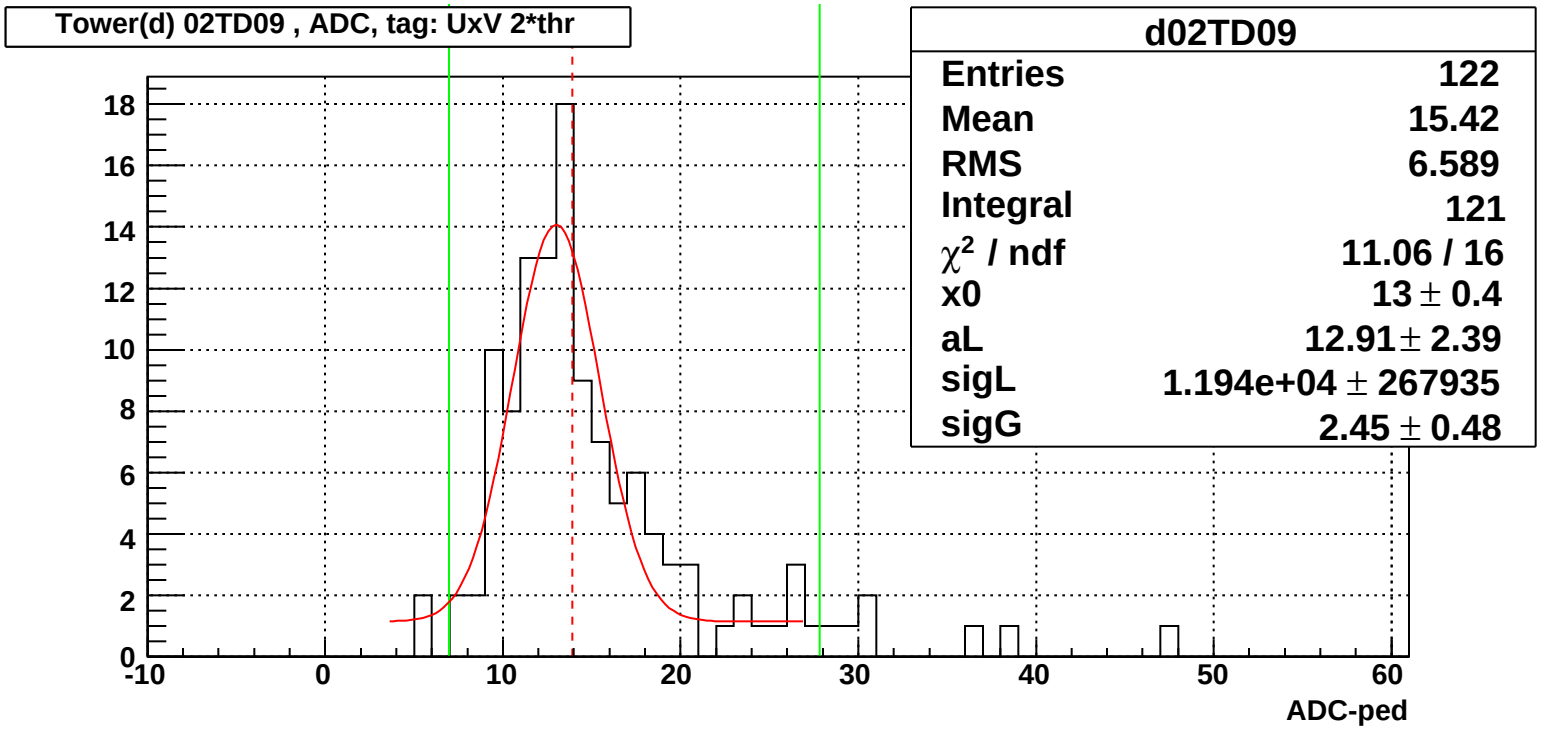

Tower(a) 02TB09 , inclusive ADC
a02TB09
Entries 1793874
Mean 0.3535
RMS 1.377
Integral 1.794e+06
χ² / ndf 7.78e+04 / 7
Constant 1.073e+06 ± 1458
Mean 0.3232 ± 0.0006
Sigma 0.6344 ± 0.0007
ADC-ped

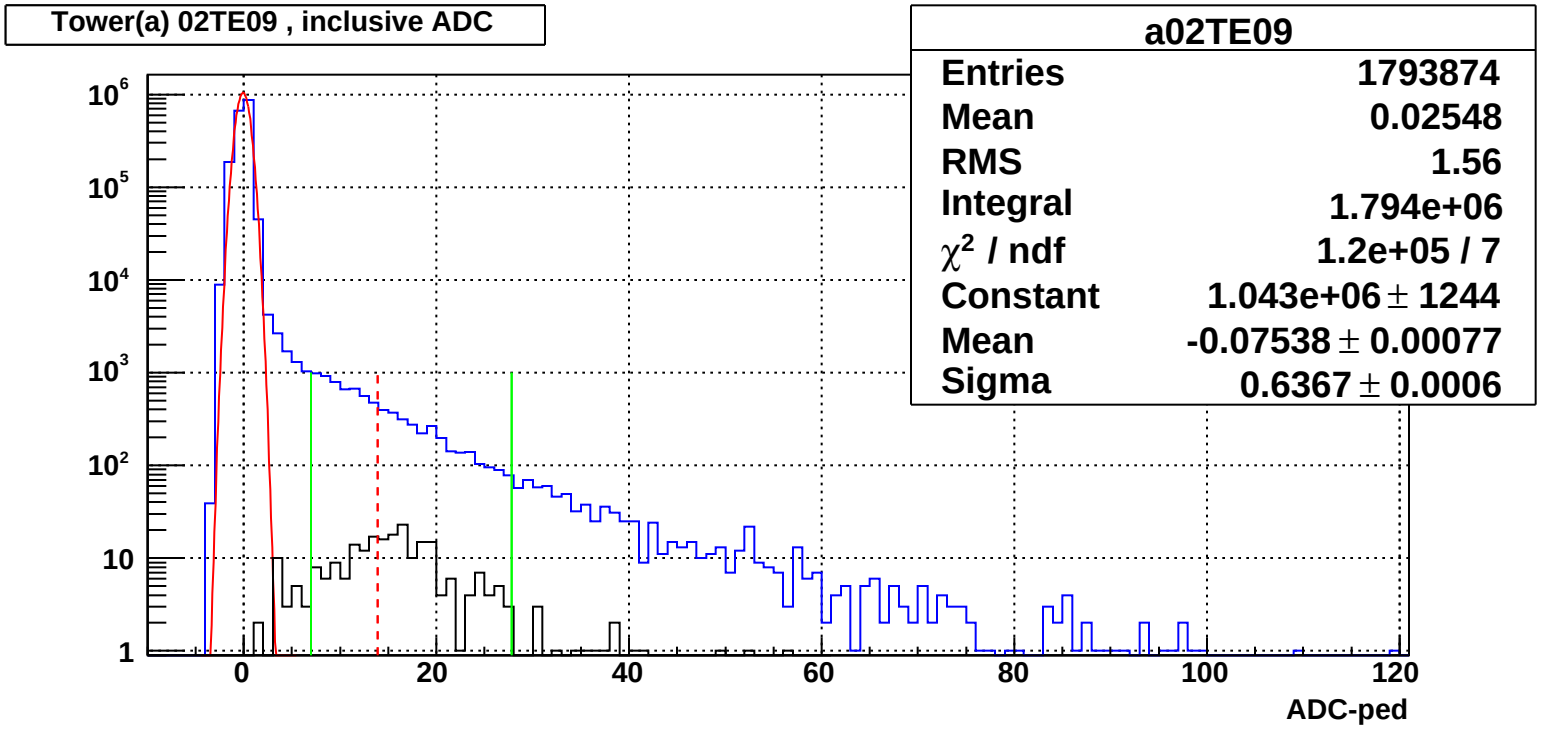

Tower(d) 02TB09 , ADC, tag: UxV 2*thr
d02TB09
Entries 172
Mean 15.01
RMS 8.078
Integral 172
χ² / ndf 18.19 / 14
x0 12.65 ± 0.32
aL 18.27 ± 2.24
sigL 2.084 ± 0.535
sigG 2.559 ± 0.305
ADC-ped

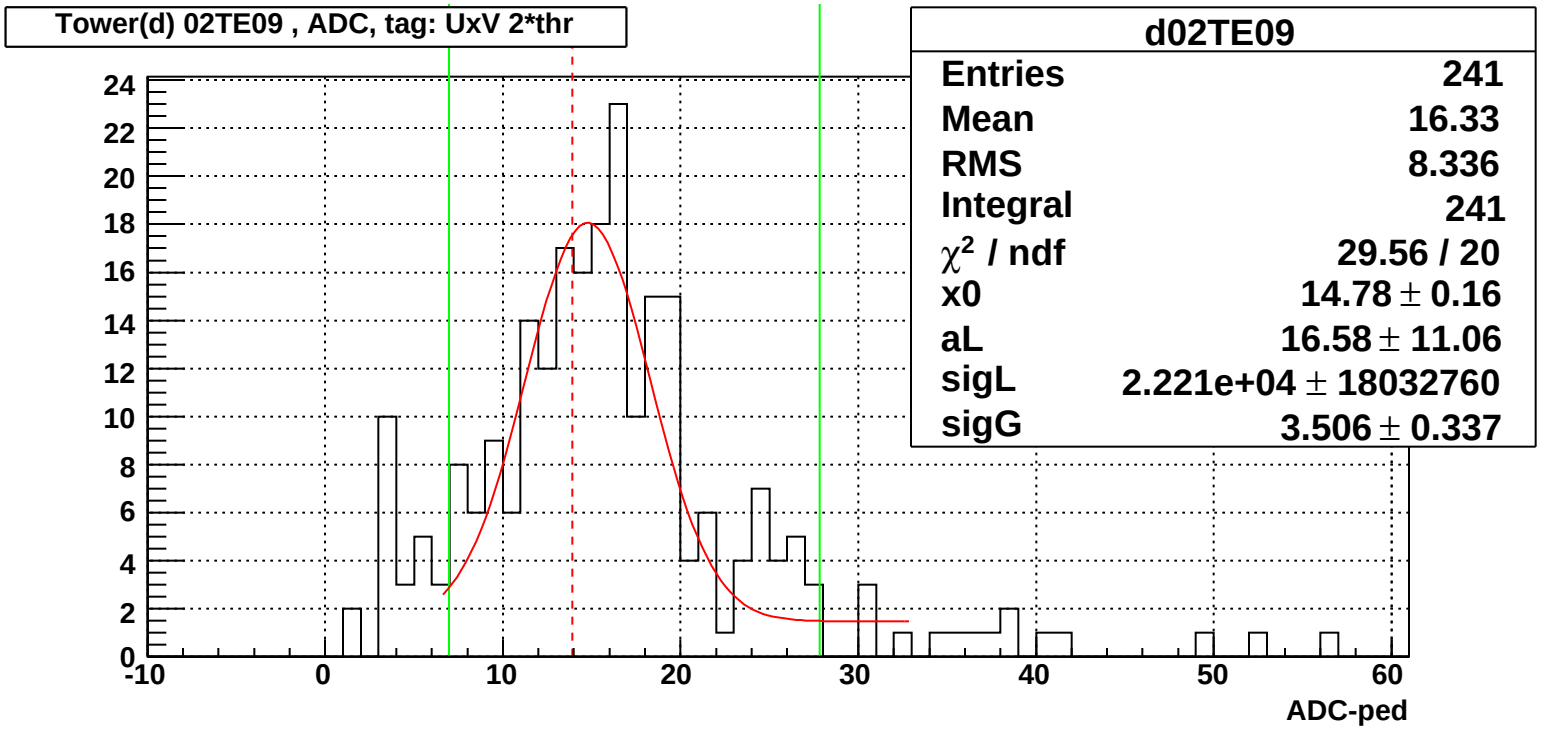

Tower(a) 02TC09 , inclusive ADC
a02TC09
Entries 1793874
Mean 0.01828
RMS 1.885
Integral 1.794e+06
χ² / ndf 2.481e+05 / 8
Constant 5.34e+05 ± 638
Mean -0.1127 ± 0.0012
Sigma 1.147 ± 0.001
ADC-ped

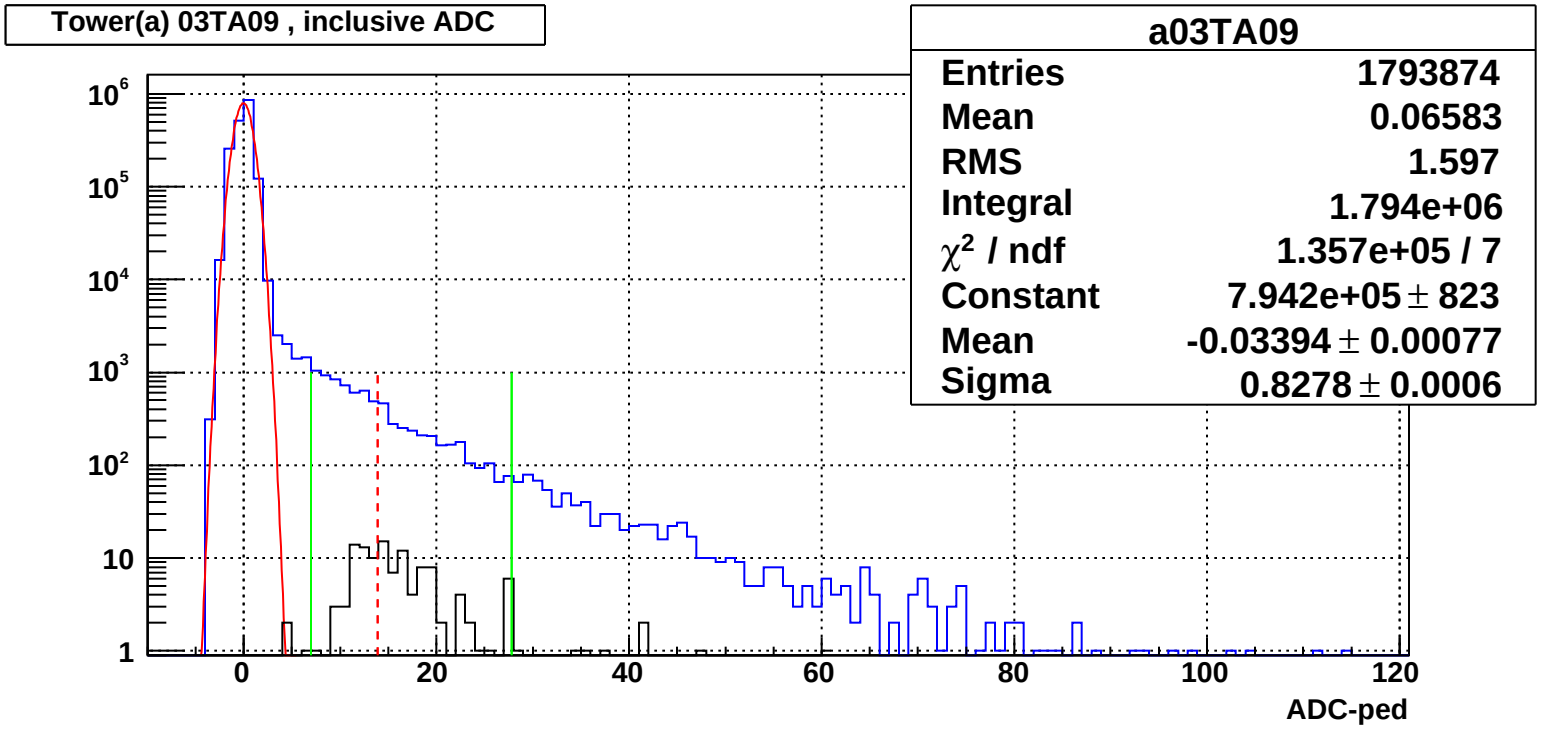

Tower(d) 02TC09 , ADC, tag: UxV 2*thr
d02TC09
Entries 208
Mean 16.85
RMS 8.302
Integral 206
χ² / ndf 18.92 / 19
x0 15.52 ± 0.48
aL 13.12 ± 1.59
sigL 2.173e+04 ± 22588
sigG 4.346 ± 0.583
ADC-ped

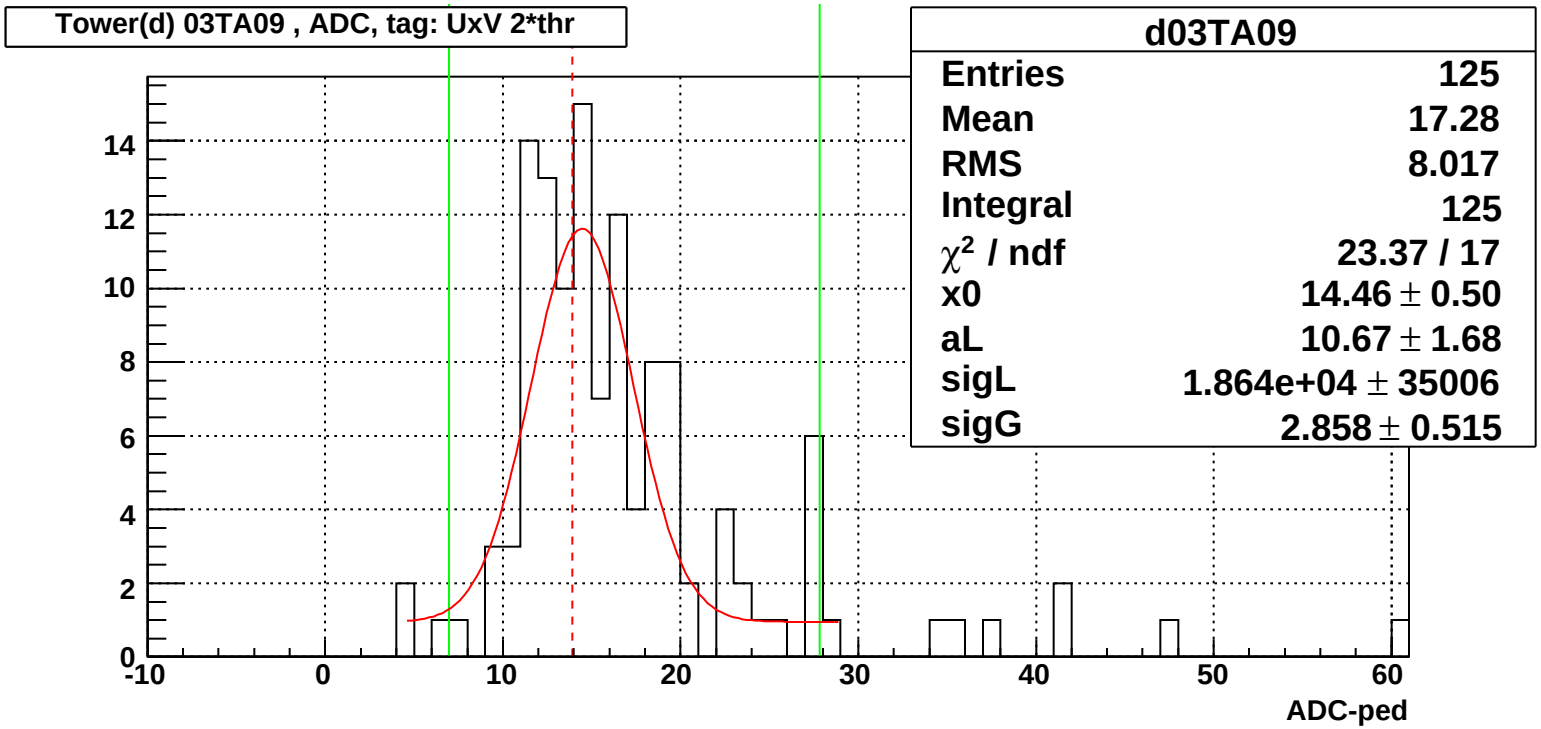

Tower(a) 02TD09 , inclusive ADC
a02TD09
Entries 1793874
Mean 0.04328
RMS 1.621
Integral 1.794e+06
χ² / ndf 2.202e+05 / 8
Constant 6.383e+05 ± 778
Mean -0.06066 ± 0.00103
Sigma 0.9778 ± 0.0009
ADC-ped

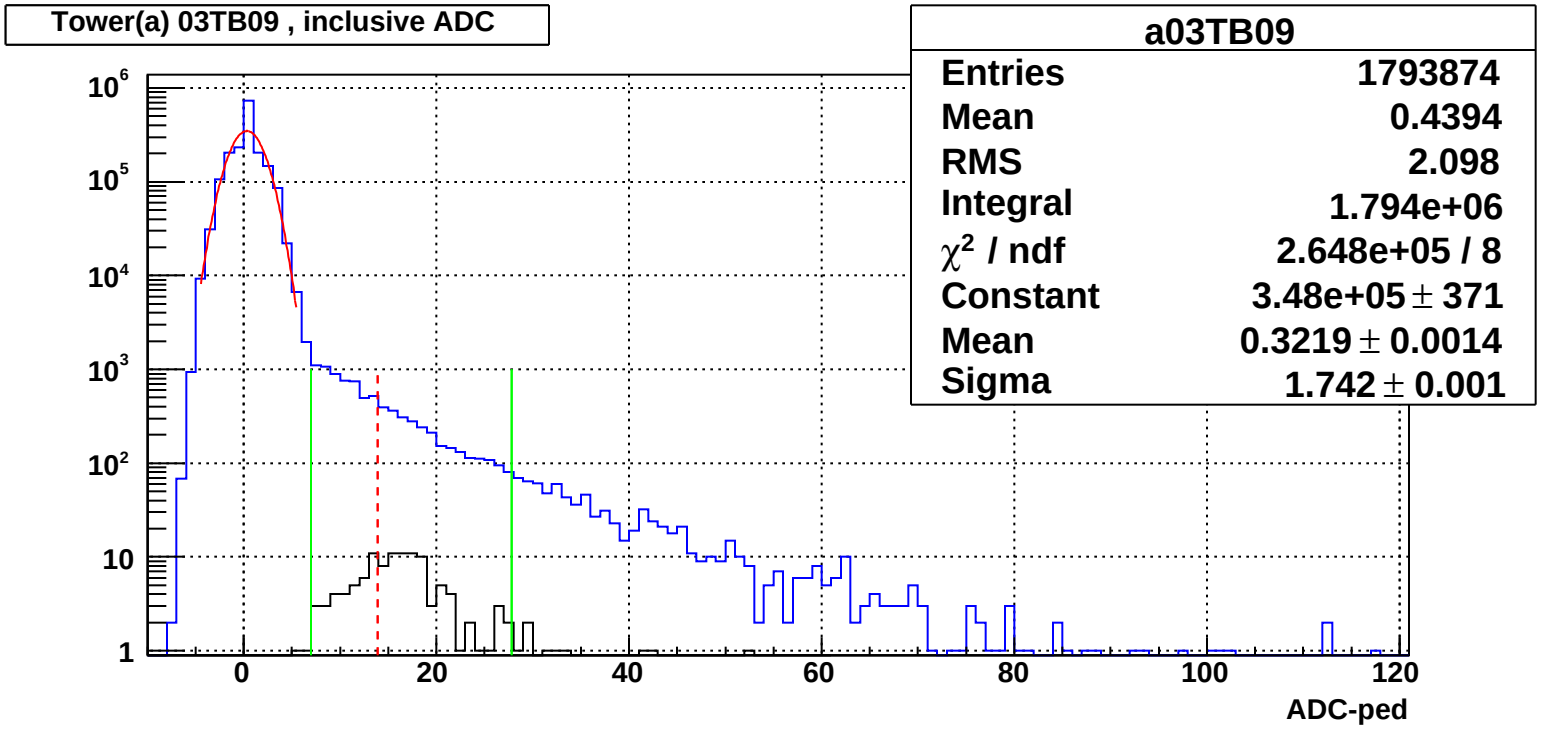

Tower(d) 02TD09 , ADC, tag: UxV 2*thr
d02TD09
Entries 122
Mean 15.42
RMS 6.589
Integral 121
χ² / ndf 11.06 / 16
x0 13 ± 0.4
aL 12.91 ± 2.39
sigL 1.194e+04 ± 267935
sigG 2.45 ± 0.48
ADC-ped

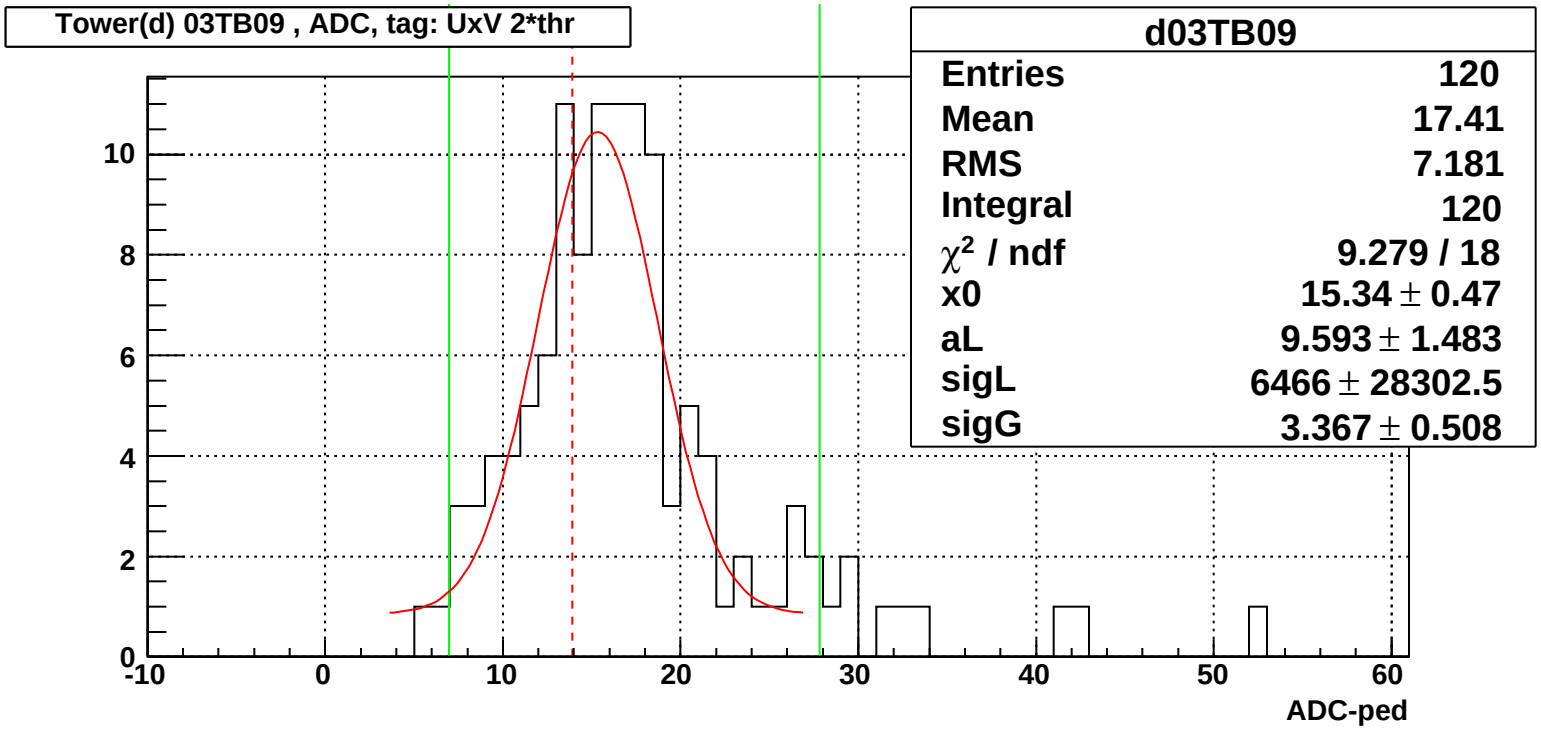

Tower(a) 02TE09 , inclusive ADC
a02TE09
Entries 1793874
Mean 0.02548
RMS 1.56
Integral 1.794e+06
χ² / ndf 1.2e+05 / 7
Constant 1.043e+06 ± 1244
Mean -0.07538 ± 0.00077
Sigma 0.6367 ± 0.0006
ADC-ped

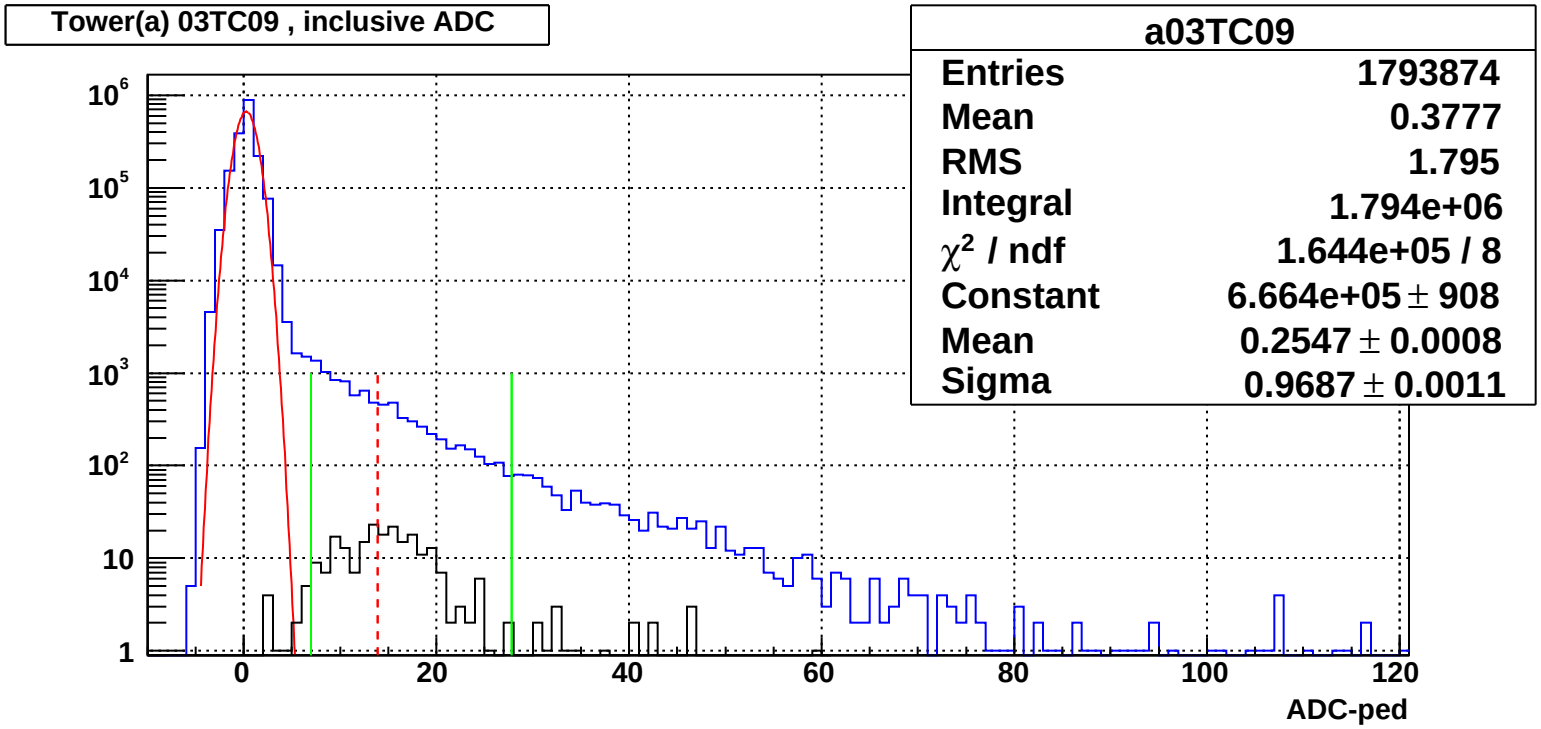

Tower(d) 02TE09 , ADC, tag: UxV 2*thr
d02TE09
Entries 241
Mean 16.33
RMS 8.336
Integral 241
χ² / ndf 29.56 / 20
x0 14.78 ± 0.16
aL 16.58 ± 11.06
sigL 2.221e+04 ± 18032760
sigG 3.506 ± 0.337
ADC-ped

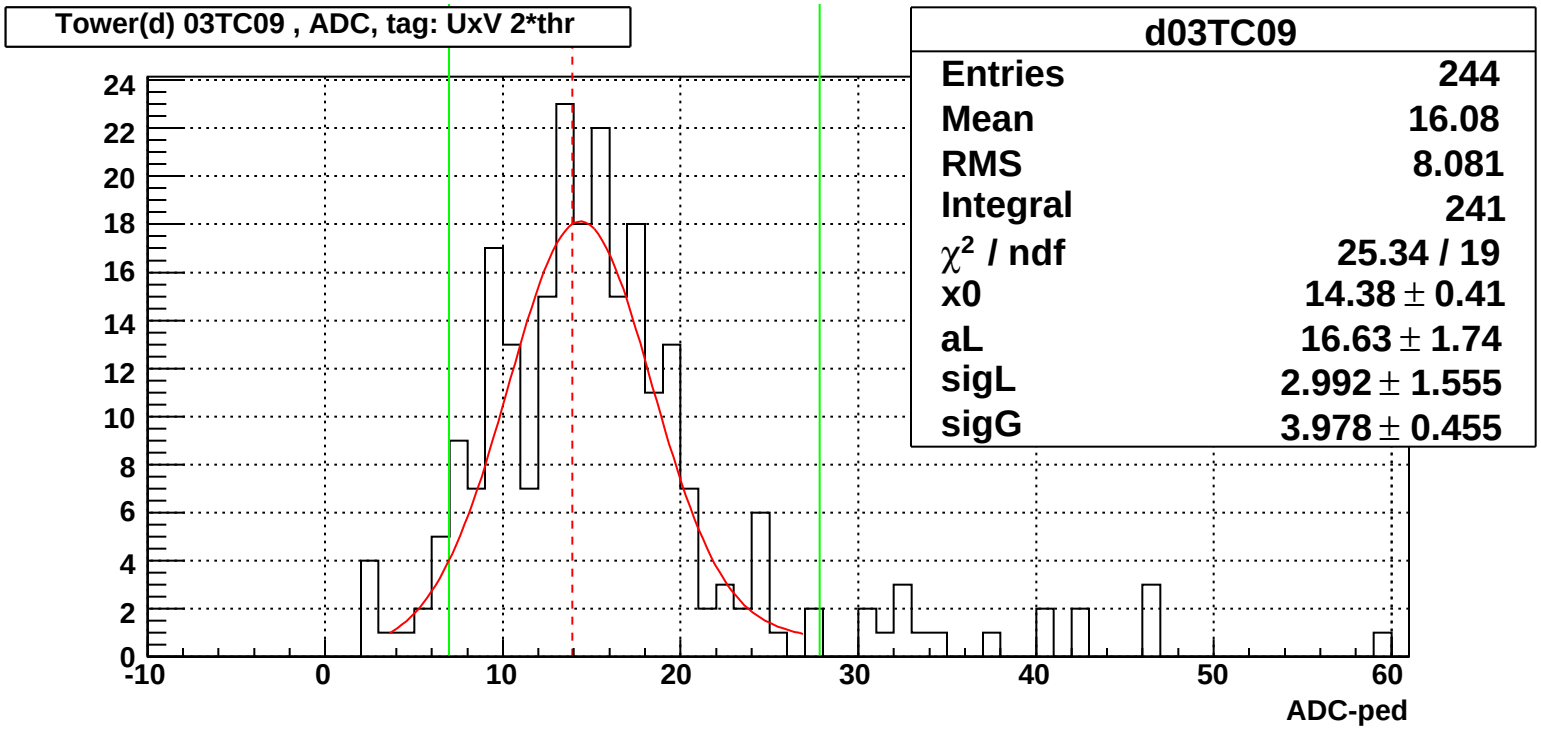

Tower(a) 03TA09 , inclusive ADC
a03TA09
Entries 1793874
Mean 0.06583
RMS 1.597
Integral 1.794e+06
χ² / ndf 1.357e+05 / 7
Constant 7.942e+05 ± 823
Mean -0.03394 ± 0.00077
Sigma 0.8278 ± 0.0006
ADC-ped

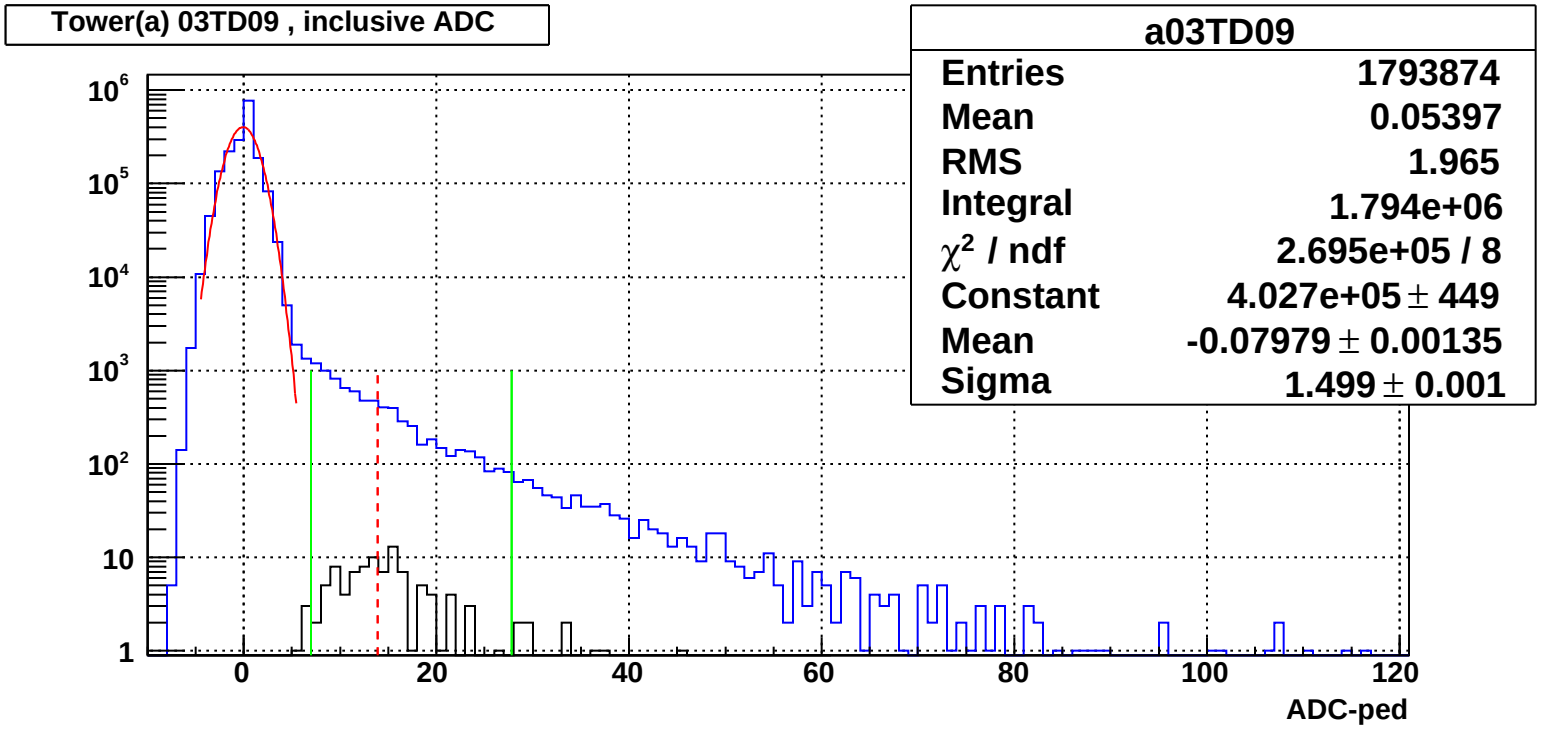

Tower(d) 03TA09 , ADC, tag: UxV 2*thr
d03TA09
Entries 125
Mean 17.28
RMS 8.017
Integral 125
χ² / ndf 23.37 / 17
x0 14.46 ± 0.50
aL 10.67 ± 1.68
sigL 1.864e+04 ± 35006
sigG 2.858 ± 0.515
ADC-ped

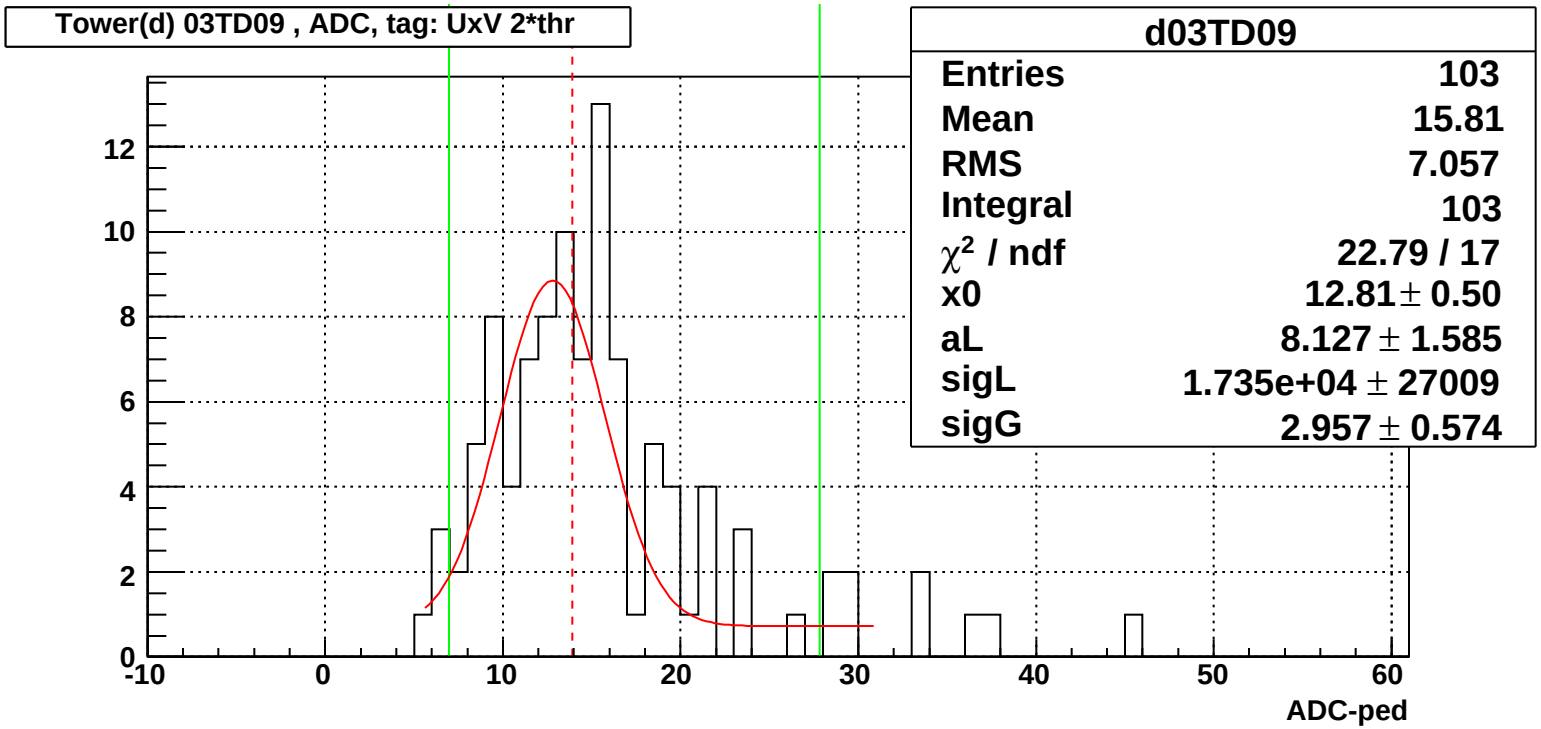

Tower(a) 03TB09 , inclusive ADC
a03TB09
Entries 1793874
Mean 0.4394
RMS 2.098
Integral 1.794e+06
χ² / ndf 2.648e+05 / 8
Constant 3.48e+05 ± 371
Mean 0.3219 ± 0.0014
Sigma 1.742 ± 0.001
ADC-ped

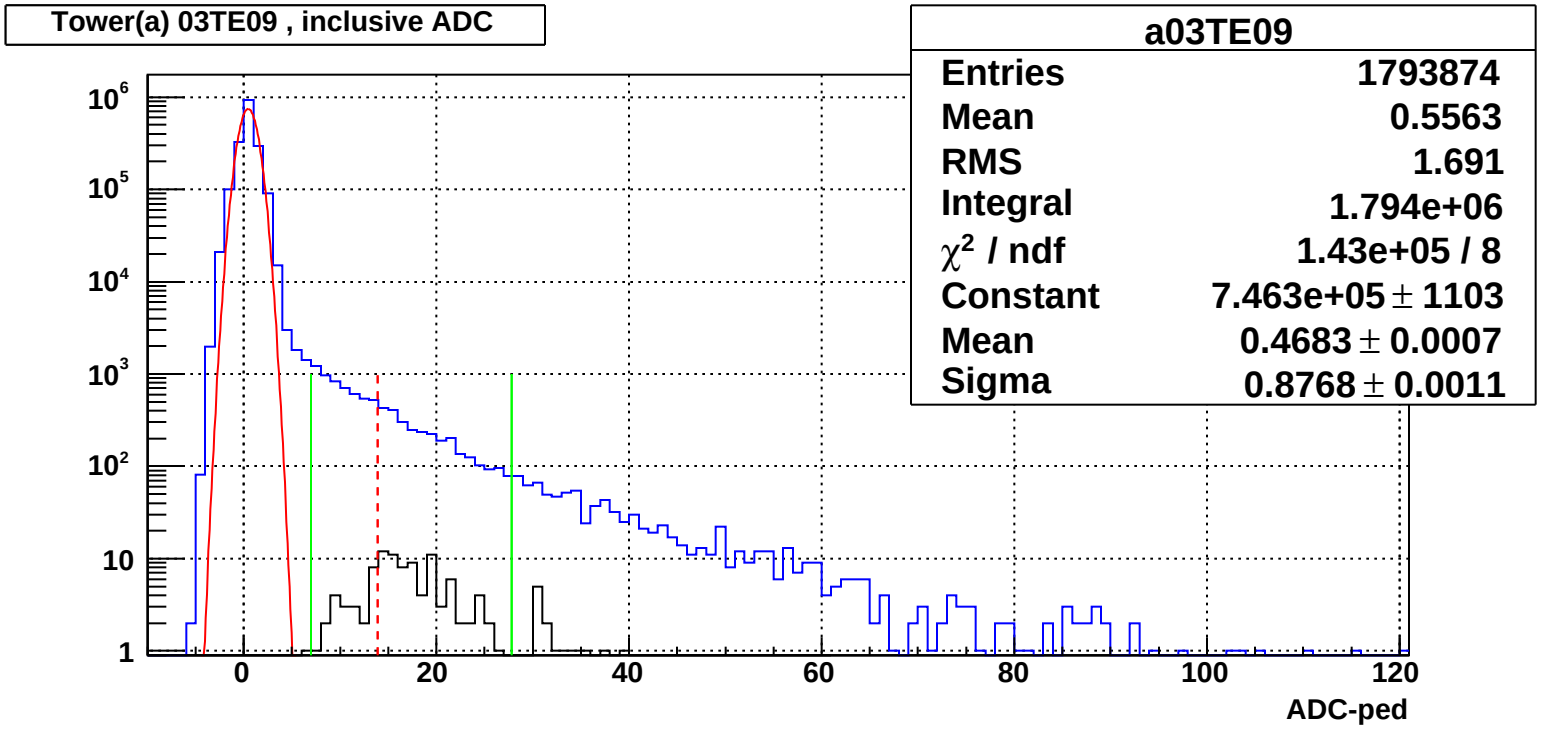

Tower(d) 03TB09 , ADC, tag: UxV 2*thr
d03TB09
Entries 120
Mean 17.41
RMS 7.181
Integral 120
χ² / ndf 9.279 / 18
x0 15.34 ± 0.47
aL 9.593 ± 1.483
sigL 6466 ± 28302.5
sigG 3.367 ± 0.508
ADC-ped

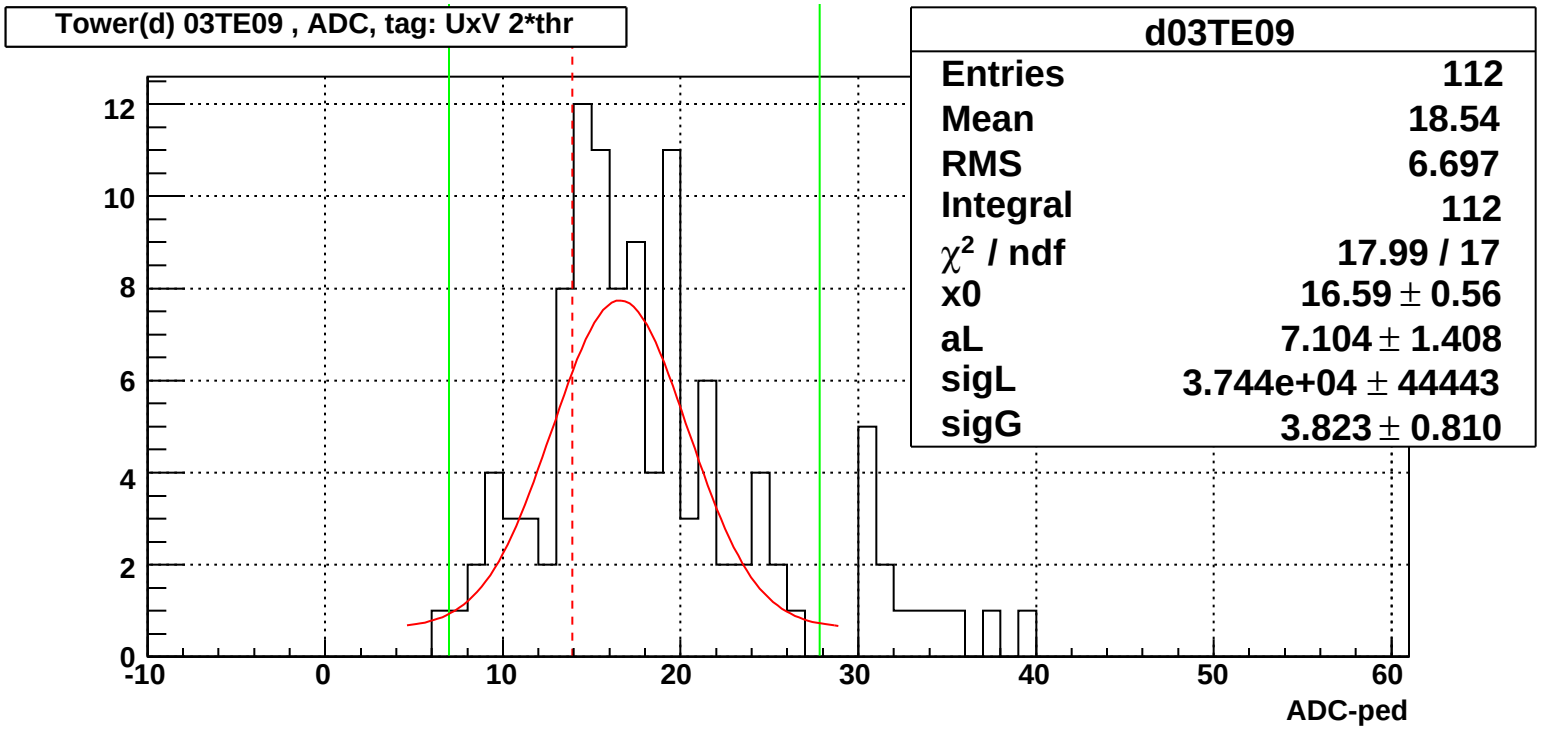

Tower(a) 03TC09 , inclusive ADC
a03TC09
Entries 1793874
Mean 0.3777
RMS 1.795
Integral 1.794e+06
χ² / ndf 1.644e+05 / 8
Constant 6.664e+05 ± 908
Mean 0.2547 ± 0.0008
Sigma 0.9687 ± 0.0011
ADC-ped

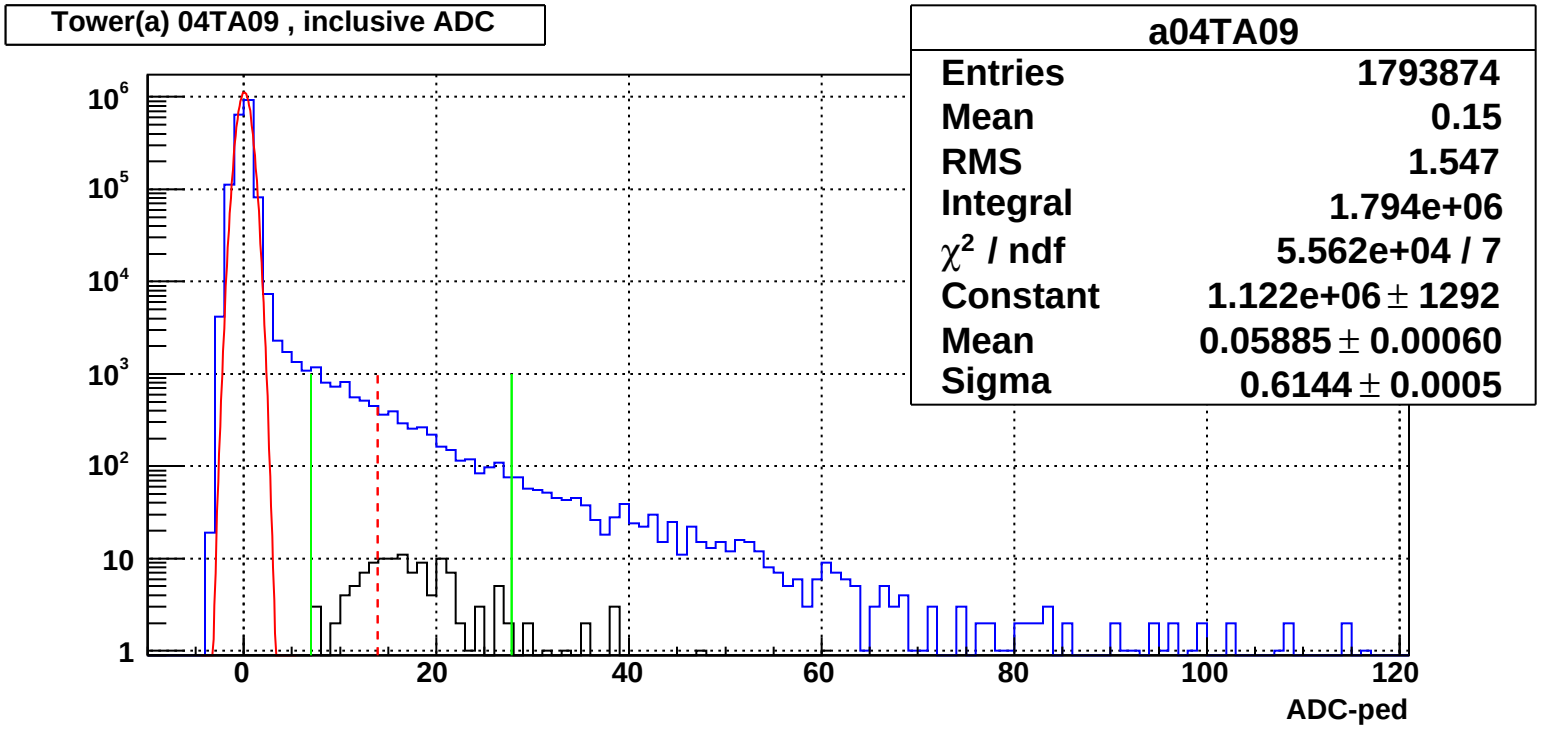

Tower(d) 03TC09 , ADC, tag: UxV 2*thr
d03TC09
Entries 244
Mean 16.08
RMS 8.081
Integral 241
χ² / ndf 25.34 / 19
x0 14.38 ± 0.41
aL 16.63 ± 1.74
sigL 2.992 ± 1.555
sigG 3.978 ± 0.455
ADC-ped

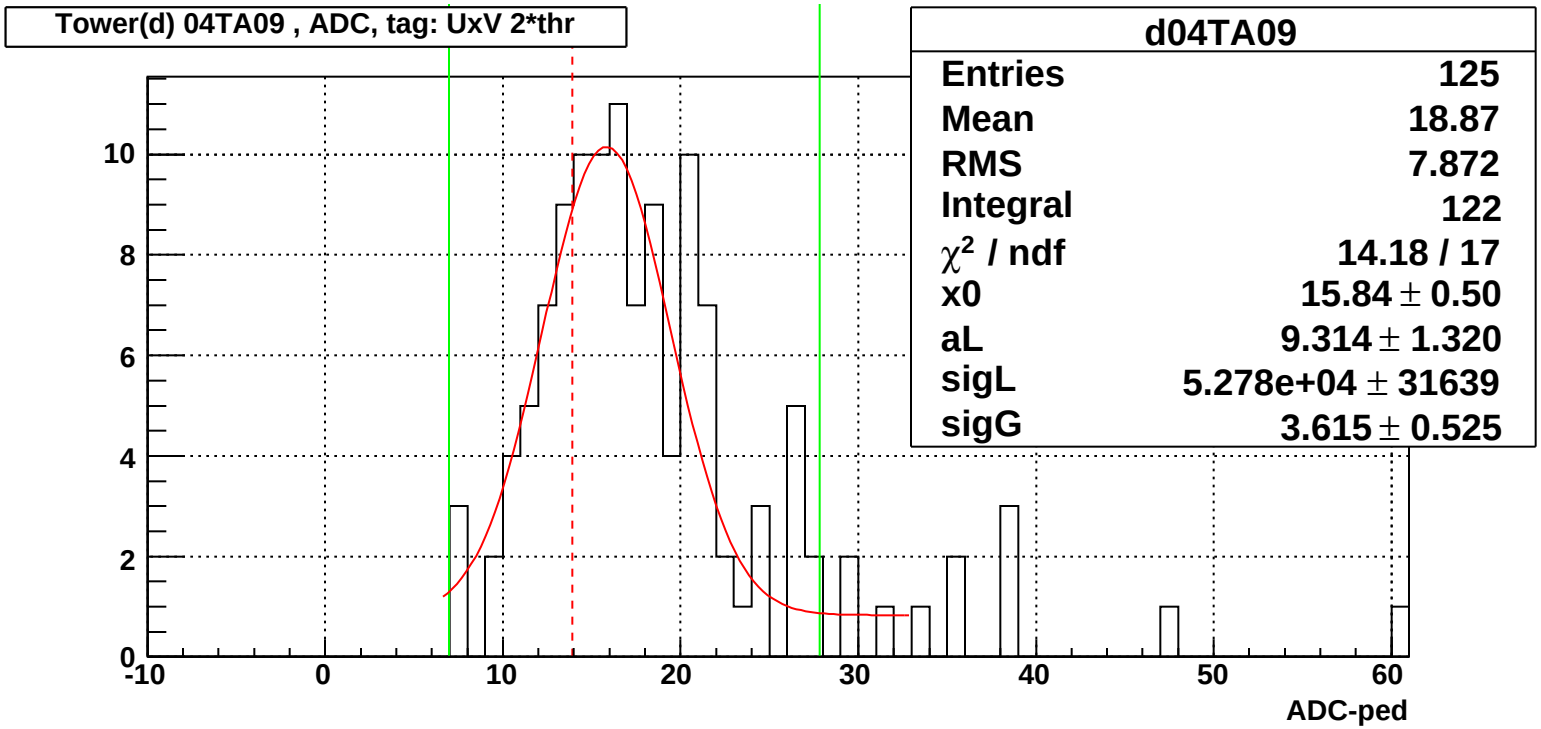

Tower(a) 03TD09 , inclusive ADC
a03TD09
Entries 1793874
Mean 0.05397
RMS 1.965
Integral 1.794e+06
χ² / ndf 2.695e+05 / 8
Constant 4.027e+05 ± 449
Mean -0.07979 ± 0.00135
Sigma 1.499 ± 0.001
ADC-ped

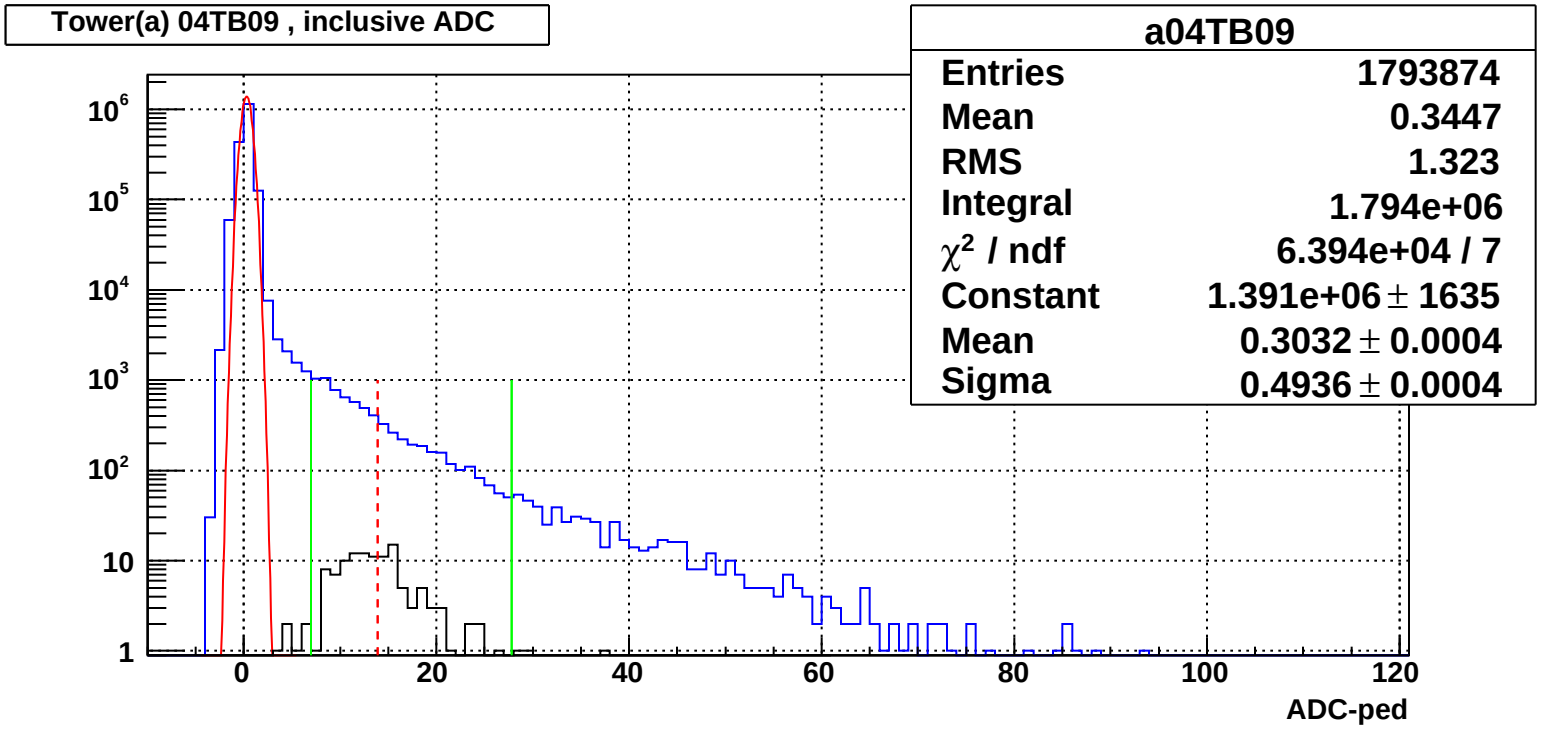

Tower(d) 03TD09 , ADC, tag: UxV 2*thr
d03TD09
Entries 103
Mean 15.81
RMS 7.057
Integral 103
χ² / ndf 22.79 / 17
x0 12.81 ± 0.50
aL 8.127 ± 1.585
sigL 1.735e+04 ± 27009
sigG 2.957 ± 0.574
ADC-ped

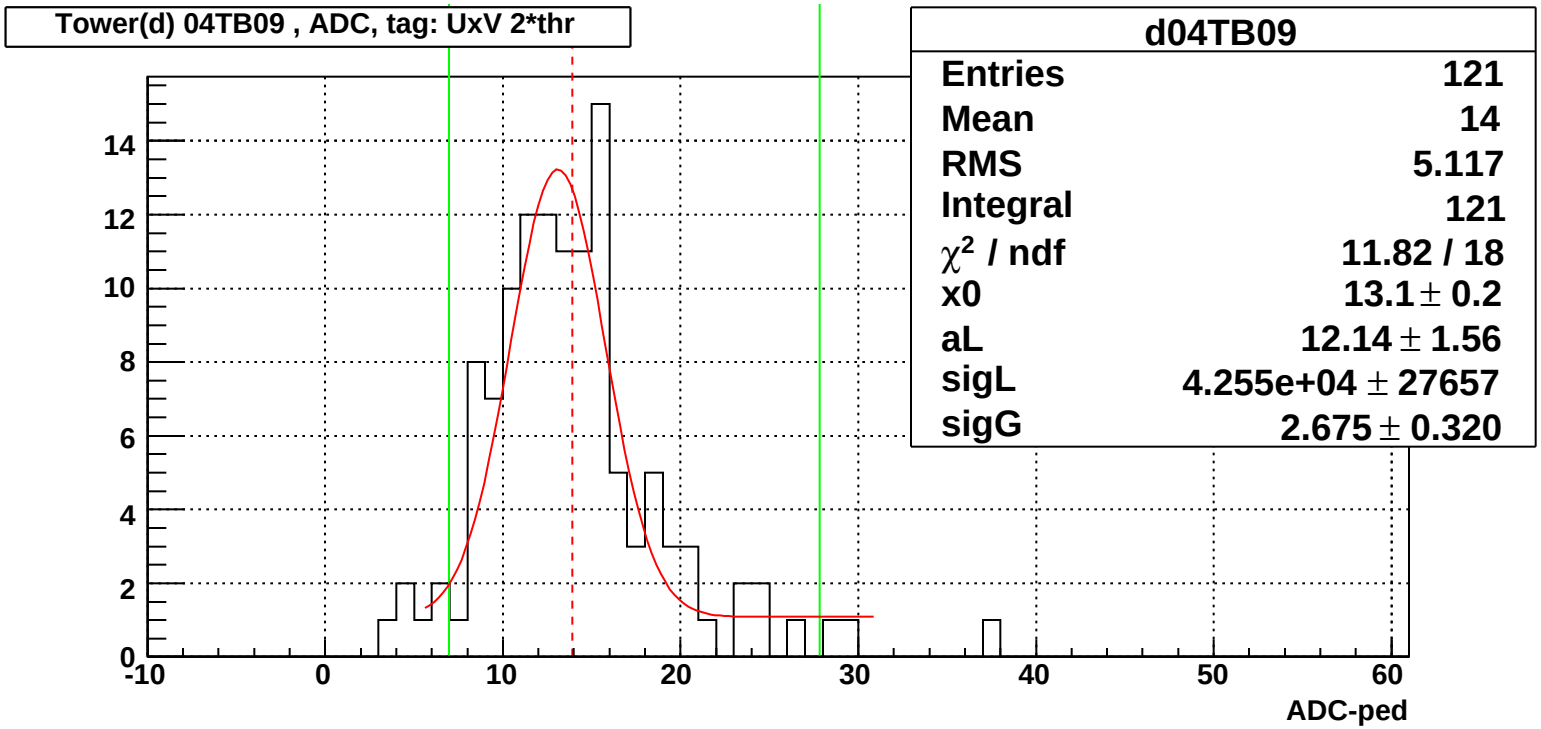

Tower(a) 03TE09 , inclusive ADC
a03TE09
Entries 1793874
Mean 0.5563
RMS 1.691
Integral 1.794e+06
χ² / ndf 1.43e+05 / 8
Constant 7.463e+05 ± 1103
Mean 0.4683 ± 0.0007
Sigma 0.8768 ± 0.0011
ADC-ped

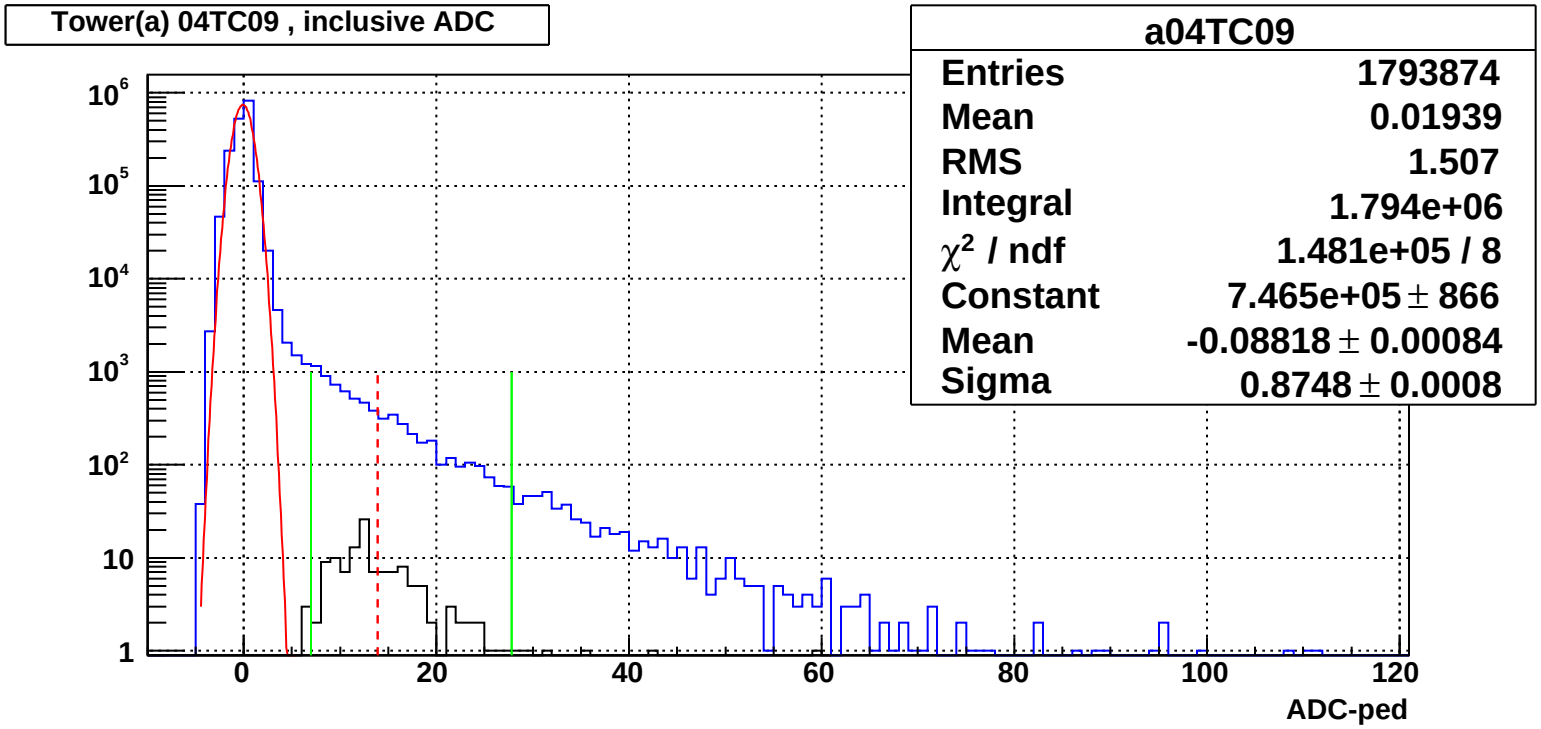

Tower(d) 03TE09 , ADC, tag: UxV 2*thr
d03TE09
Entries 112
Mean 18.54
RMS 6.697
Integral 112
χ² / ndf 17.99 / 17
x0 16.59 ± 0.56
aL 7.104 ± 1.408
sigL 3.744e+04 ± 44443
sigG 3.823 ± 0.810
ADC-ped

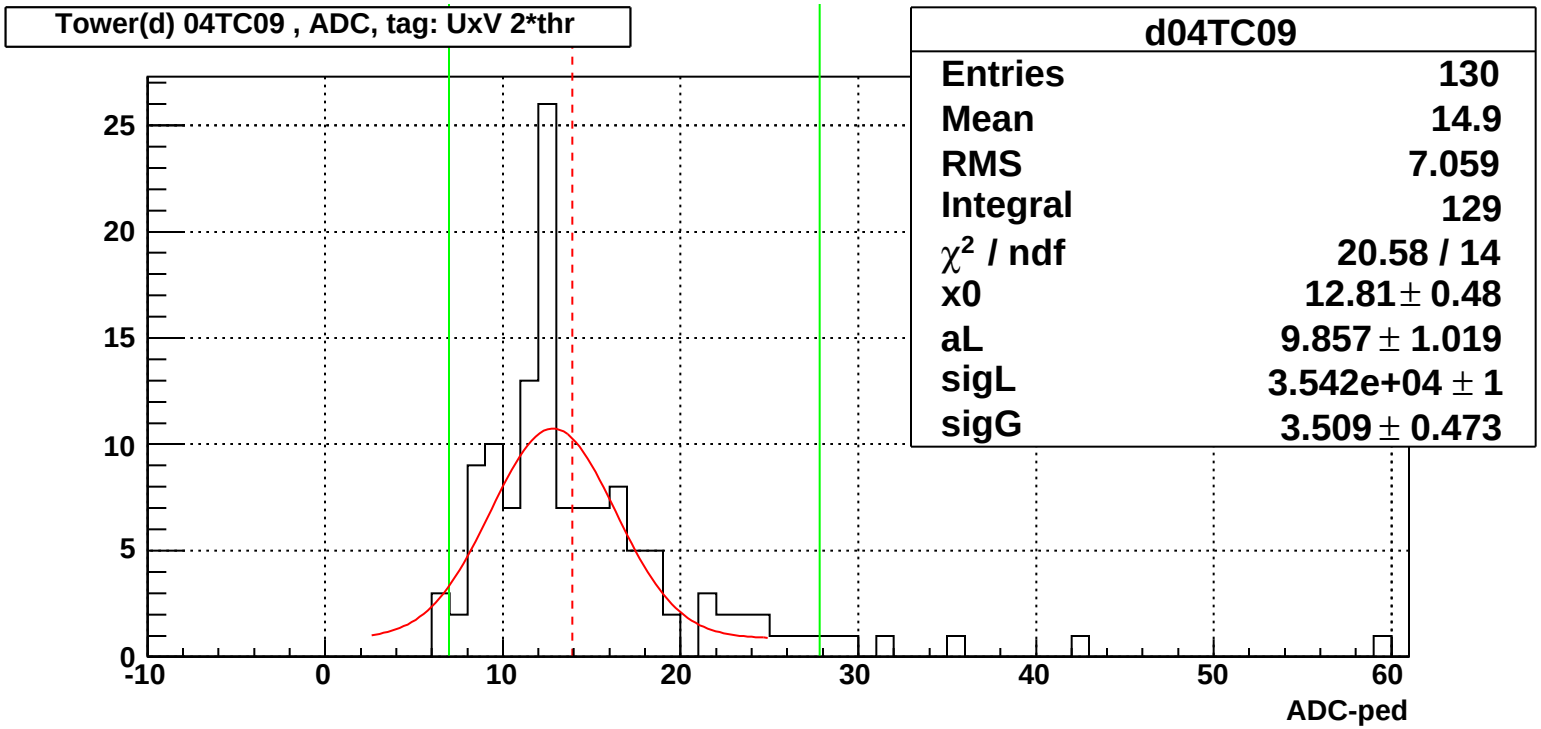

Tower(a) 04TA09 , inclusive ADC
a04TA09
Entries 1793874
Mean 0.15
RMS 1.547
Integral 1.794e+06
χ² / ndf 5.562e+04 / 7
Constant 1.122e+06 ± 1292
Mean 0.05885 ± 0.00060
Sigma 0.6144 ± 0.0005
ADC-ped

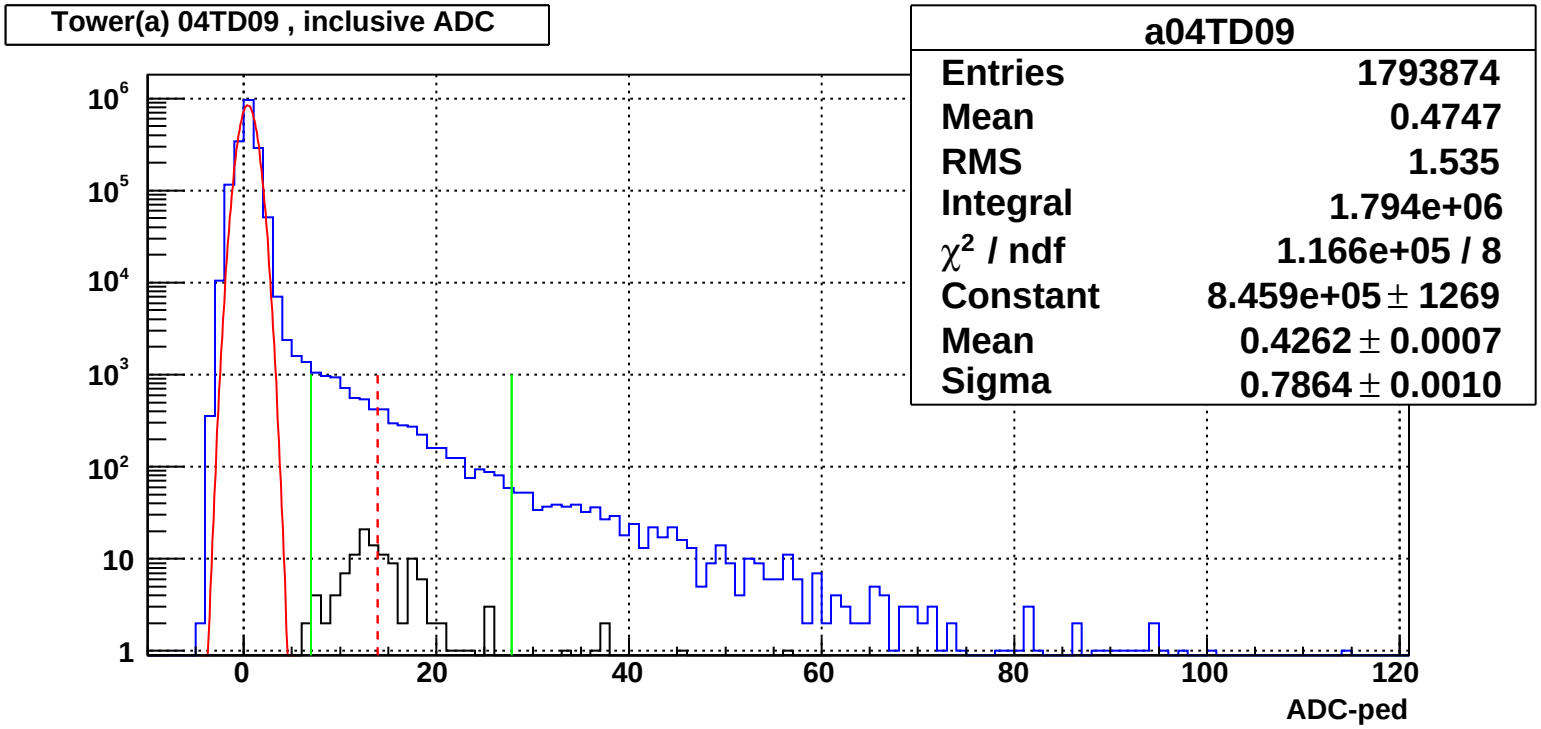

Tower(d) 04TA09 , ADC, tag: UxV 2*thr
d04TA09
Entries 125
Mean 18.87
RMS 7.872
Integral 122
χ² / ndf 14.18 / 17
x0 15.84 ± 0.50
aL 9.314 ± 1.320
sigL 5.278e+04 ± 31639
sigG 3.615 ± 0.525
ADC-ped

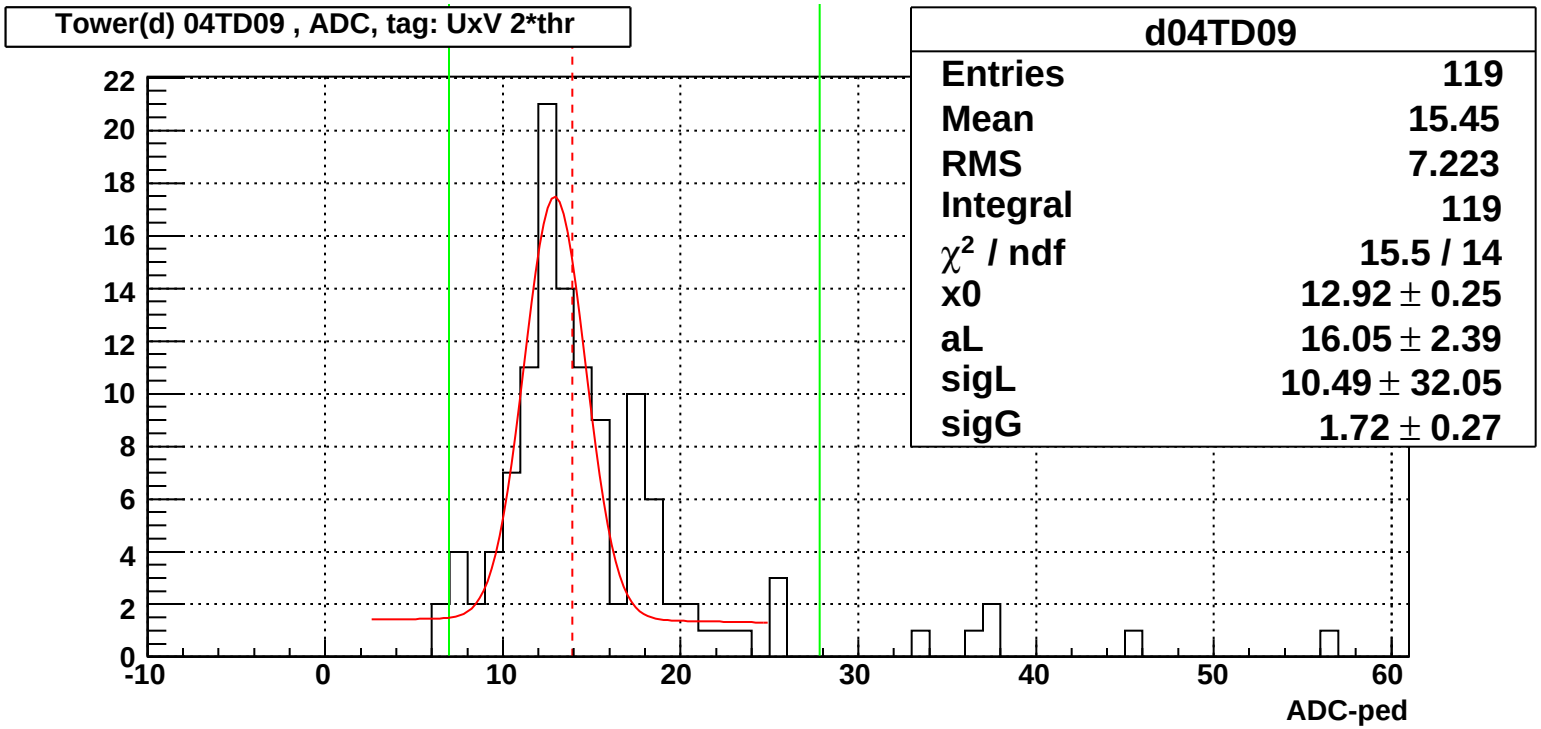

Tower(a) 04TB09 , inclusive ADC
a04TB09
Entries 1793874
Mean 0.3447
RMS 1.323
Integral 1.794e+06
χ² / ndf 6.394e+04 / 7
Constant 1.391e+06 ± 1635
Mean 0.3032 ± 0.0004
Sigma 0.4936 ± 0.0004
ADC-ped

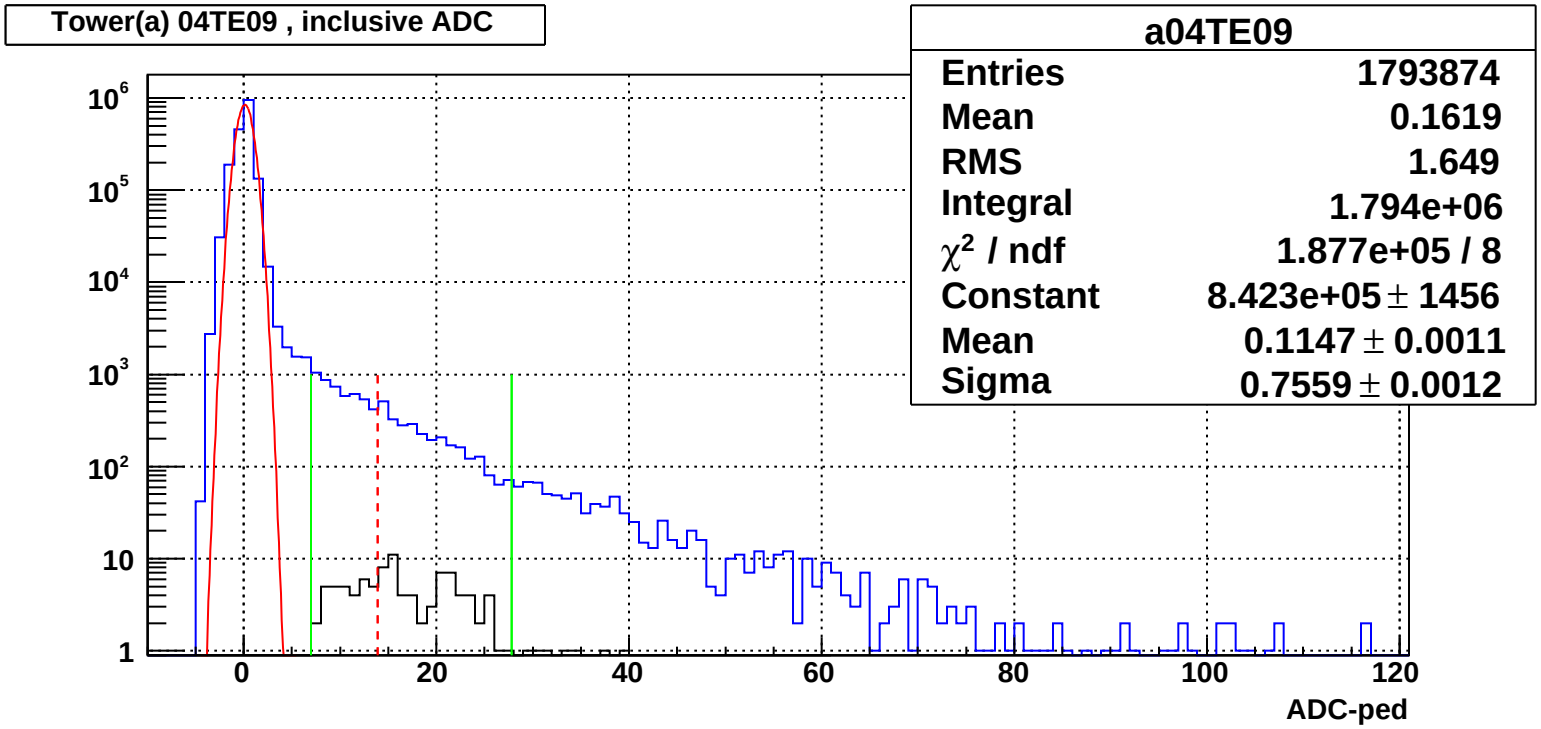

Tower(d) 04TB09 , ADC, tag: UxV 2*thr
d04TB09
Entries 121
Mean 14
RMS 5.117
Integral 121
χ² / ndf 11.82 / 18
x0 13.1 ± 0.2
aL 12.14 ± 1.56
sigL 4.255e+04 ± 27657
sigG 2.675 ± 0.320
ADC-ped

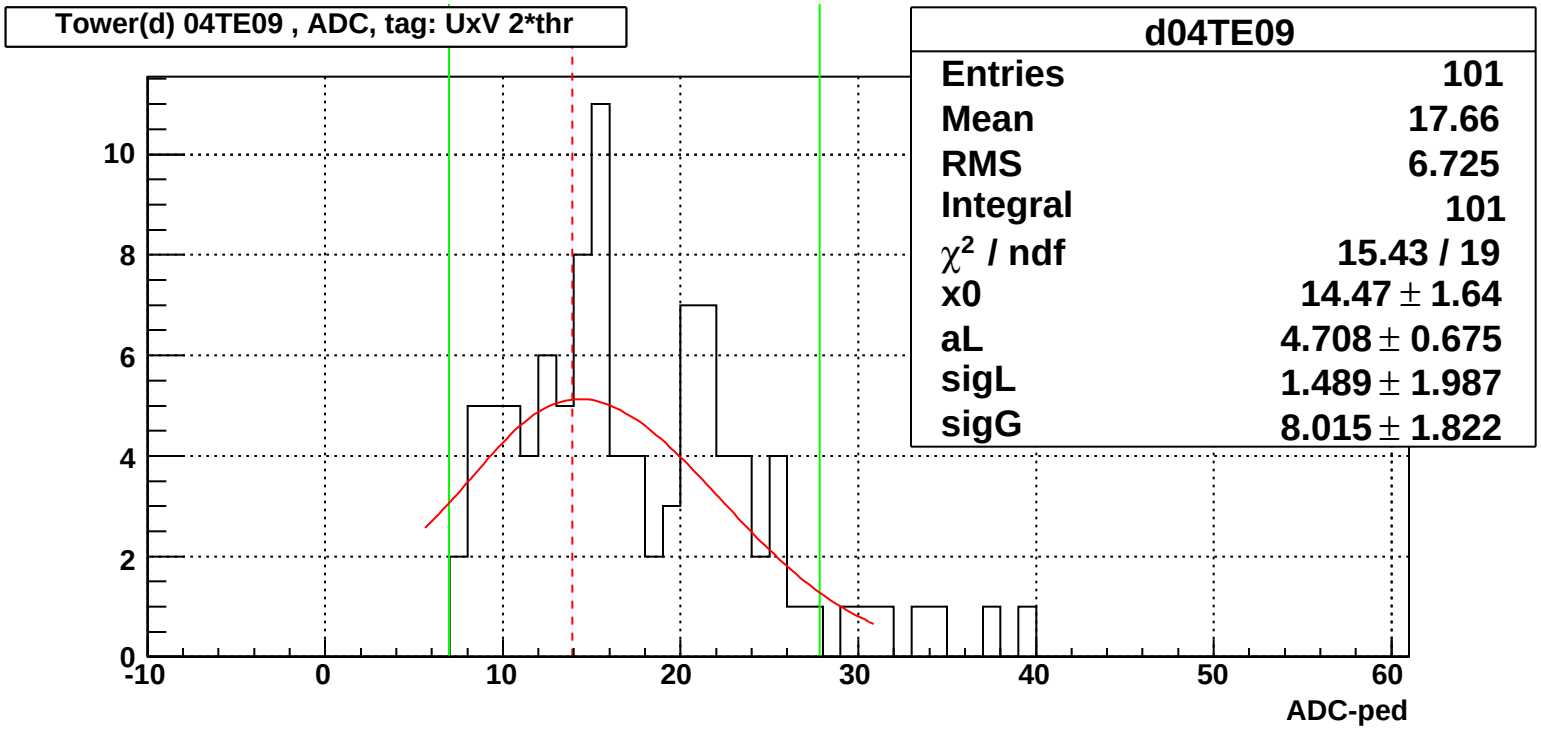

Tower(a) 04TC09 , inclusive ADC
a04TC09
Entries 1793874
Mean 0.01939
RMS 1.507
Integral 1.794e+06
χ² / ndf 1.481e+05 / 8
Constant 7.465e+05 ± 866
Mean -0.08818 ± 0.00084
Sigma 0.8748 ± 0.0008
ADC-ped

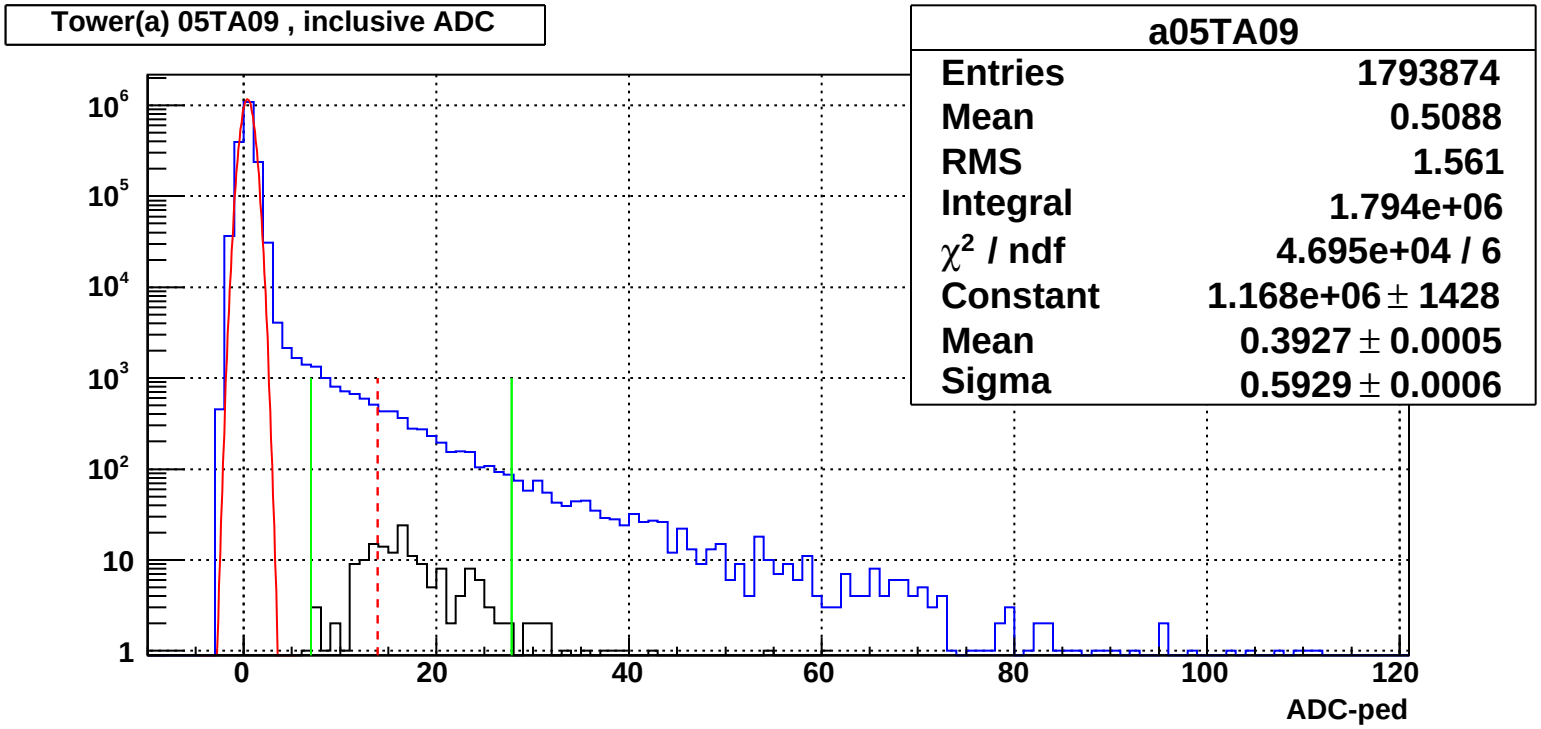

Tower(d) 04TC09 , ADC, tag: UxV 2*thr
d04TC09
Entries 130
Mean 14.9
RMS 7.059
Integral 129
χ² / ndf 20.58 / 14
x0 12.81 ± 0.48
aL 9.857 ± 1.019
sigL 3.542e+04 ± 1
sigG 3.509 ± 0.473
ADC-ped

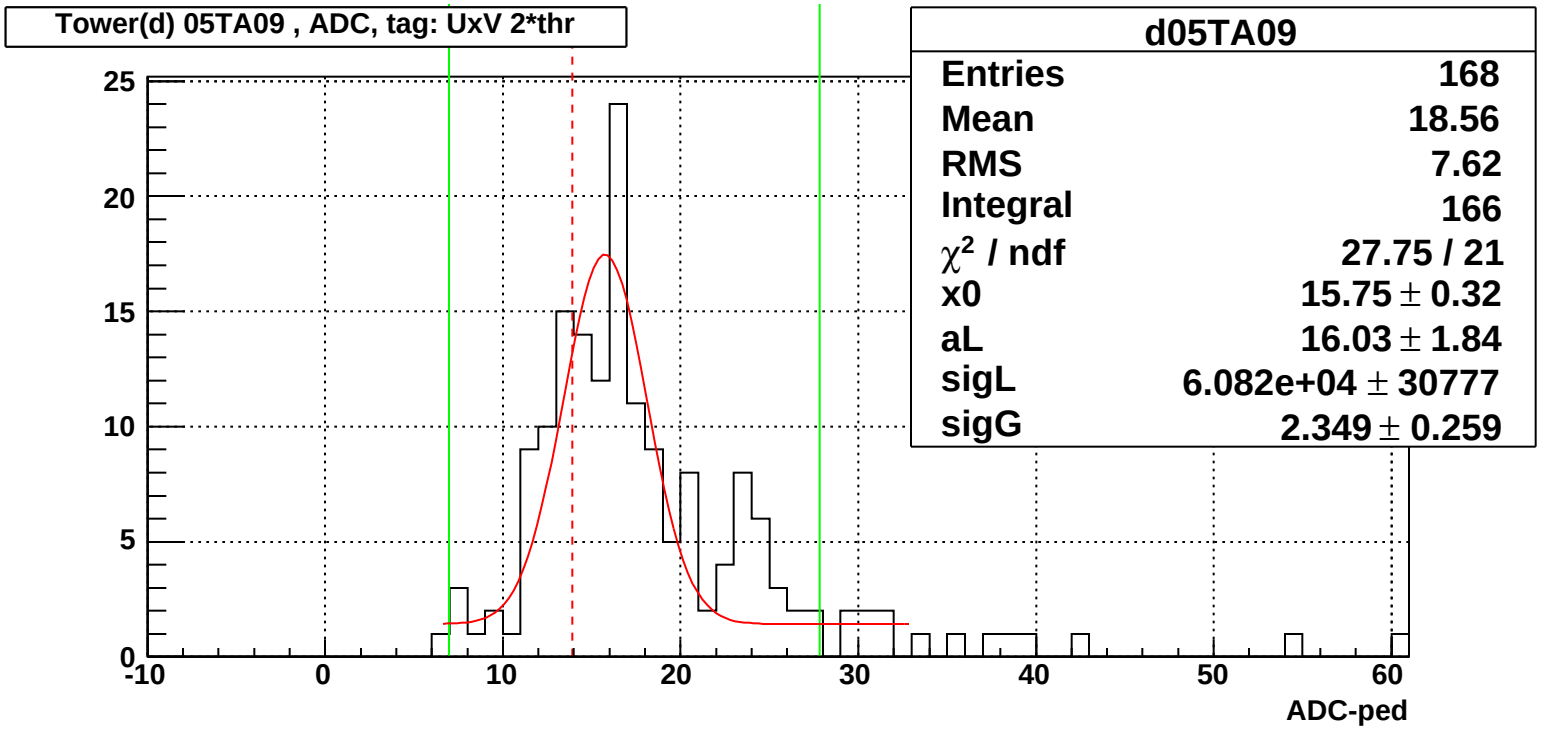

Tower(a) 04TD09 , inclusive ADC
a04TD09
Entries 1793874
Mean 0.4747
RMS 1.535
Integral 1.794e+06
χ² / ndf 1.166e+05 / 8
Constant 8.459e+05 ± 1269
Mean 0.4262 ± 0.0007
Sigma 0.7864 ± 0.0010
ADC-ped

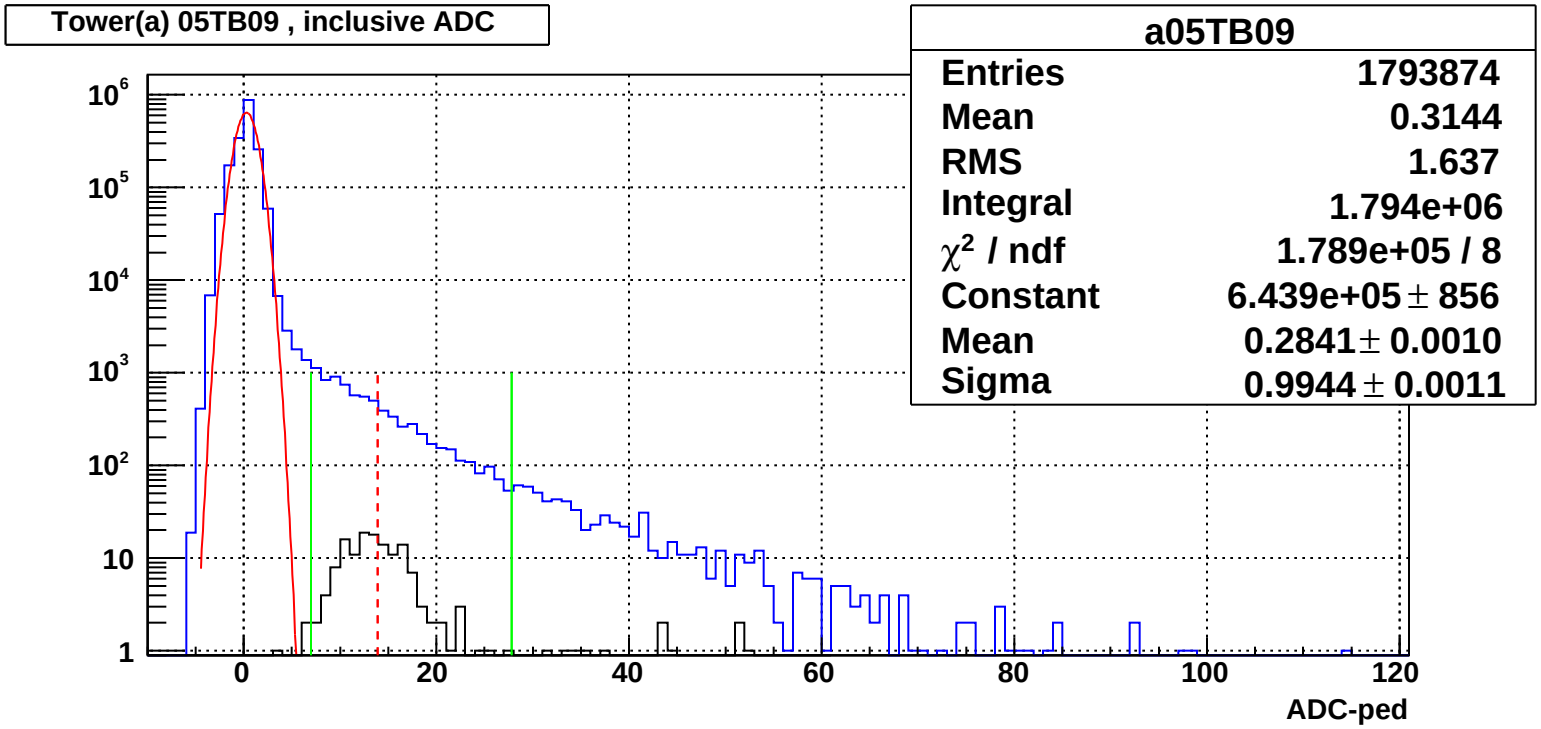

Tower(d) 04TD09 , ADC, tag: UxV 2*thr
d04TD09
Entries 119
Mean 15.45
RMS 7.223
Integral 119
χ² / ndf 15.5 / 14
x0 12.92 ± 0.25
aL 16.05 ± 2.39
sigL 10.49 ± 32.05
sigG 1.72 ± 0.27
ADC-ped

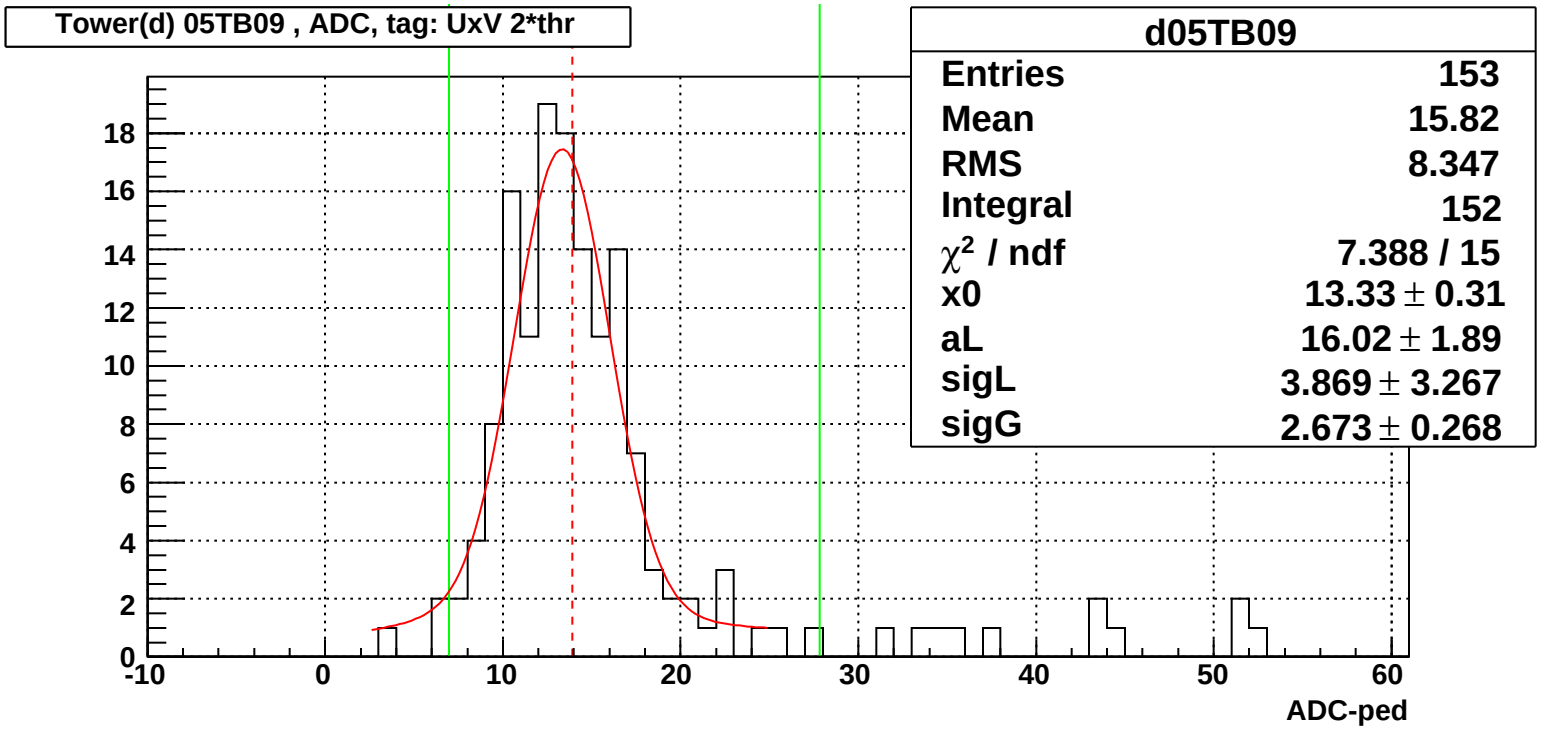

Tower(a) 04TE09 , inclusive ADC
a04TE09
Entries 1793874
Mean 0.1619
RMS 1.649
Integral 1.794e+06
χ² / ndf 1.877e+05 / 8
Constant 8.423e+05 ± 1456
Mean 0.1147 ± 0.0011
Sigma 0.7559 ± 0.0012
ADC-ped

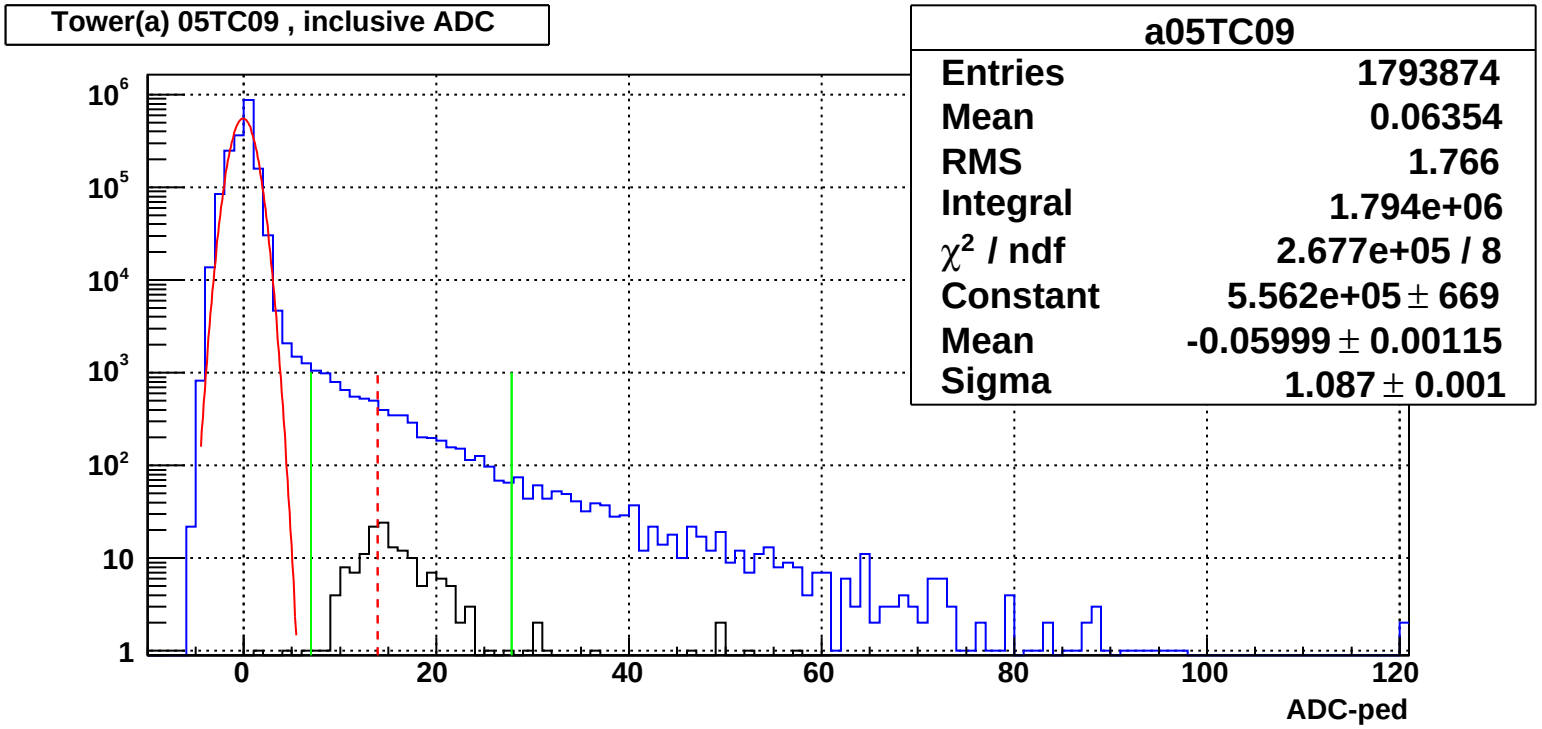

Tower(d) 04TE09 , ADC, tag: UxV 2*thr
d04TE09
Entries 101
Mean 17.66
RMS 6.725
Integral 101
χ² / ndf 15.43 / 19
x0 14.47 ± 1.64
aL 4.708 ± 0.675
sigL 1.489 ± 1.987
sigG 8.015 ± 1.822
ADC-ped

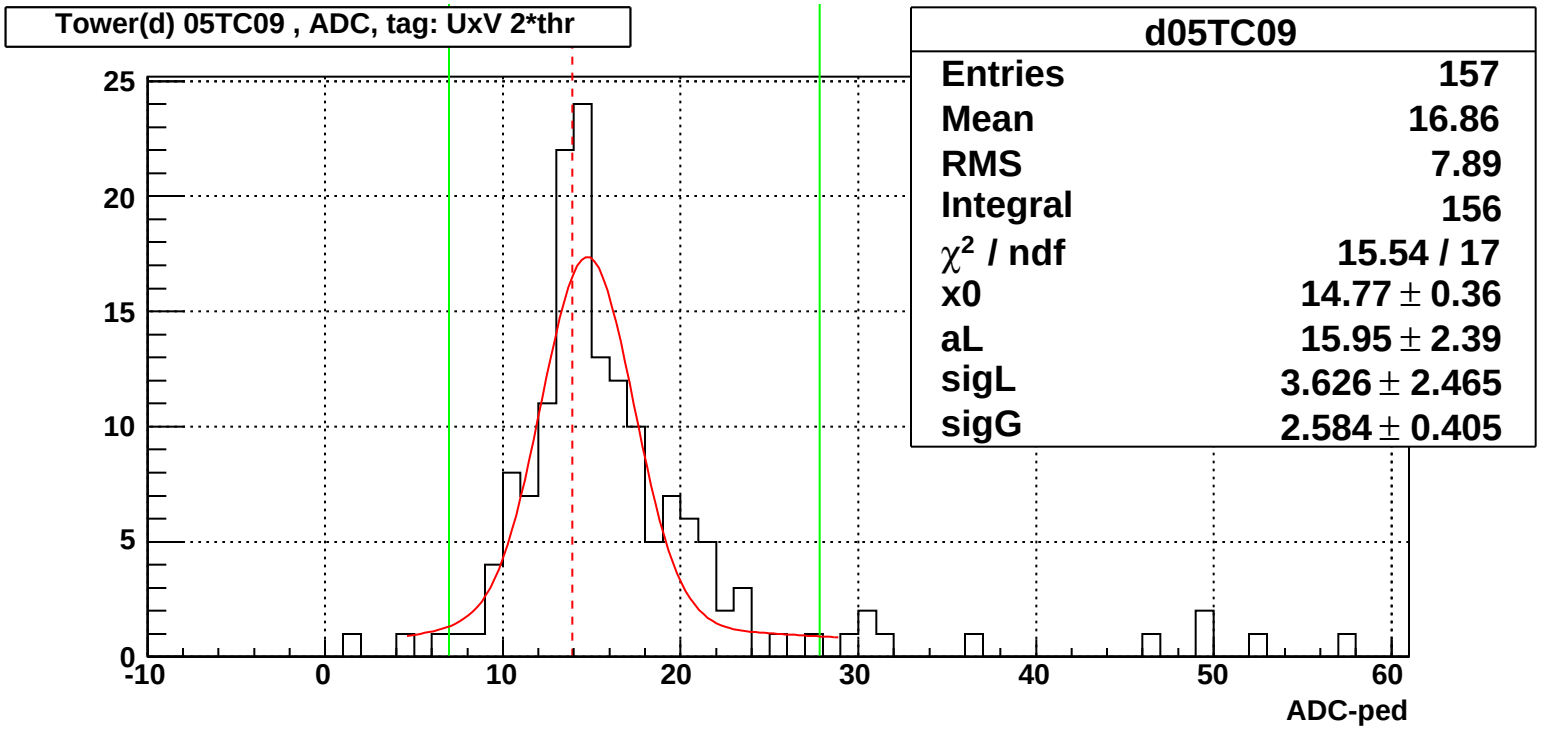

Tower(a) 05TA09 , inclusive ADC
a05TA09
Entries 1793874
Mean 0.5088
RMS 1.561
Integral 1.794e+06
χ² / ndf 4.695e+04 / 6
Constant 1.168e+06 ± 1428
Mean 0.3927 ± 0.0005
Sigma 0.5929 ± 0.0006
ADC-ped

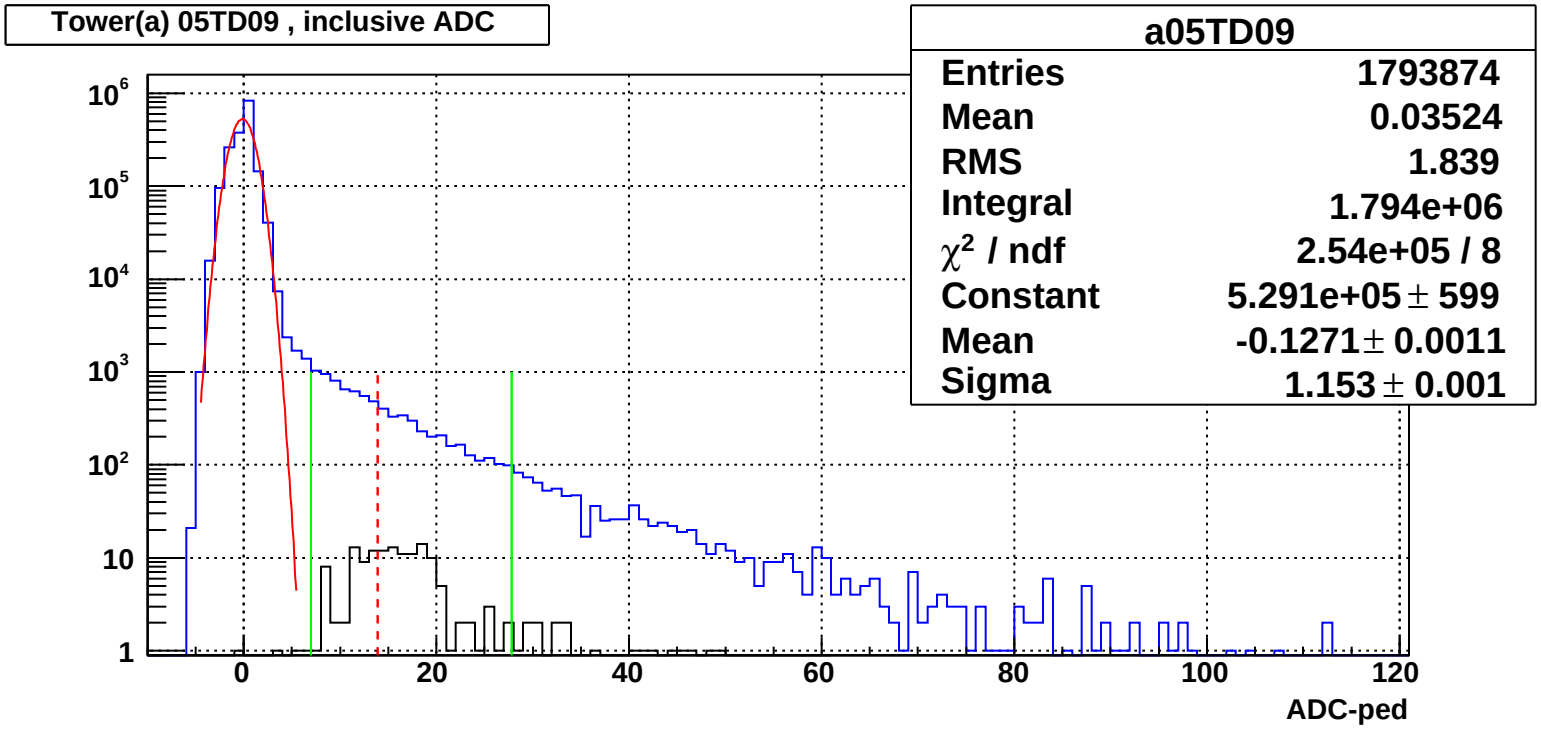

Tower(d) 05TA09 , ADC, tag: UxV 2*thr
d05TA09
Entries 168
Mean 18.56
RMS 7.62
Integral 166
χ² / ndf 27.75 / 21
x0 15.75 ± 0.32
aL 16.03 ± 1.84
sigL 6.082e+04 ± 30777
sigG 2.349 ± 0.259
ADC-ped

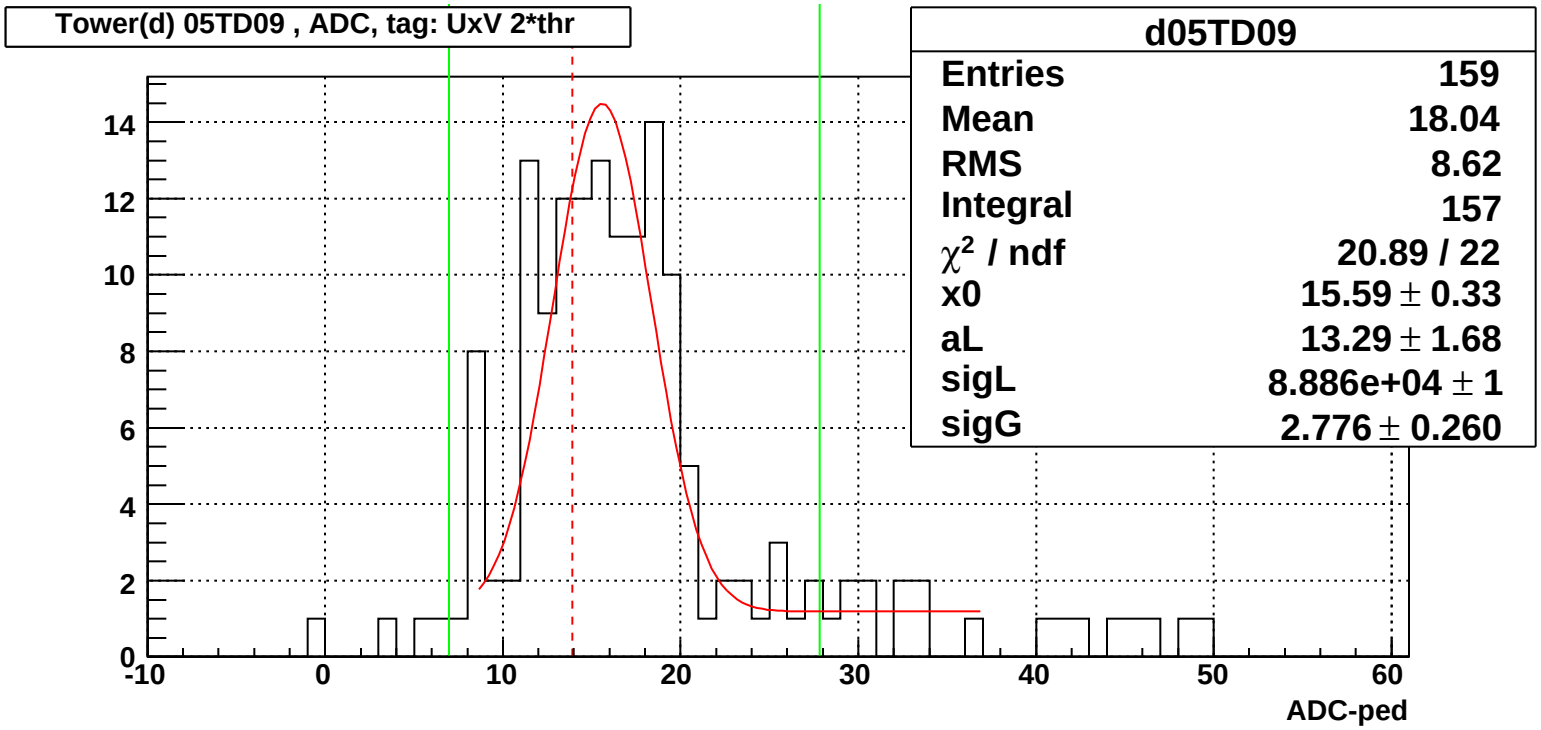

Tower(a) 05TB09 , inclusive ADC
a05TB09
Entries 1793874
Mean 0.3144
RMS 1.637
Integral 1.794e+06
χ² / ndf 1.789e+05 / 8
Constant 6.439e+05 ± 856
Mean 0.2841 ± 0.0010
Sigma 0.9944 ± 0.0011
ADC-ped

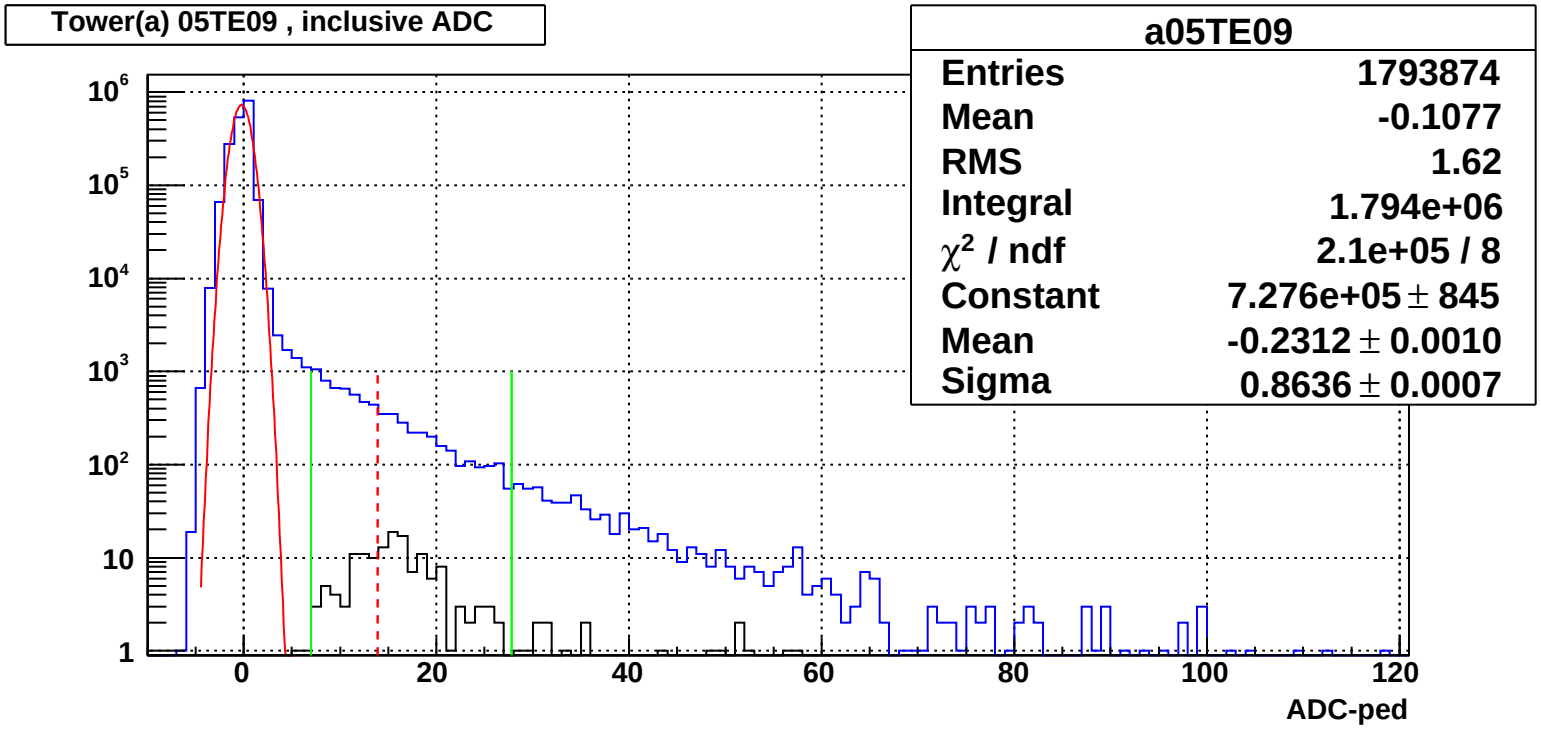

Tower(d) 05TB09 , ADC, tag: UxV 2*thr
d05TB09
Entries 153
Mean 15.82
RMS 8.347
Integral 152
χ² / ndf 7.388 / 15
x0 13.33 ± 0.31
aL 16.02 ± 1.89
sigL 3.869 ± 3.267
sigG 2.673 ± 0.268
ADC-ped

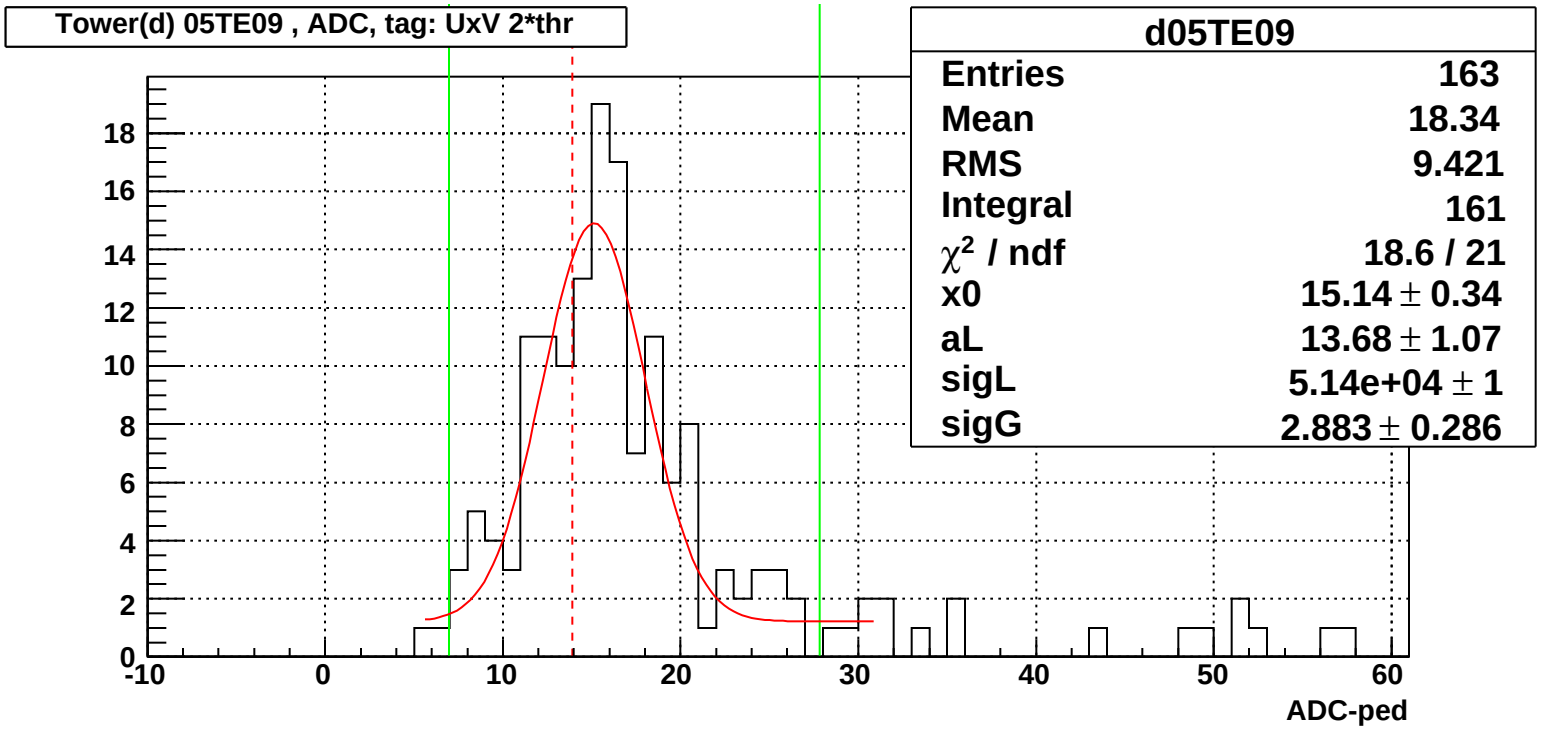

Tower(a) 05TC09 , inclusive ADC
a05TC09
Entries 1793874
Mean 0.06354
RMS 1.766
Integral 1.794e+06
χ² / ndf 2.677e+05 / 8
Constant 5.562e+05 ± 669
Mean -0.05999 ± 0.00115
Sigma 1.087 ± 0.001
ADC-ped

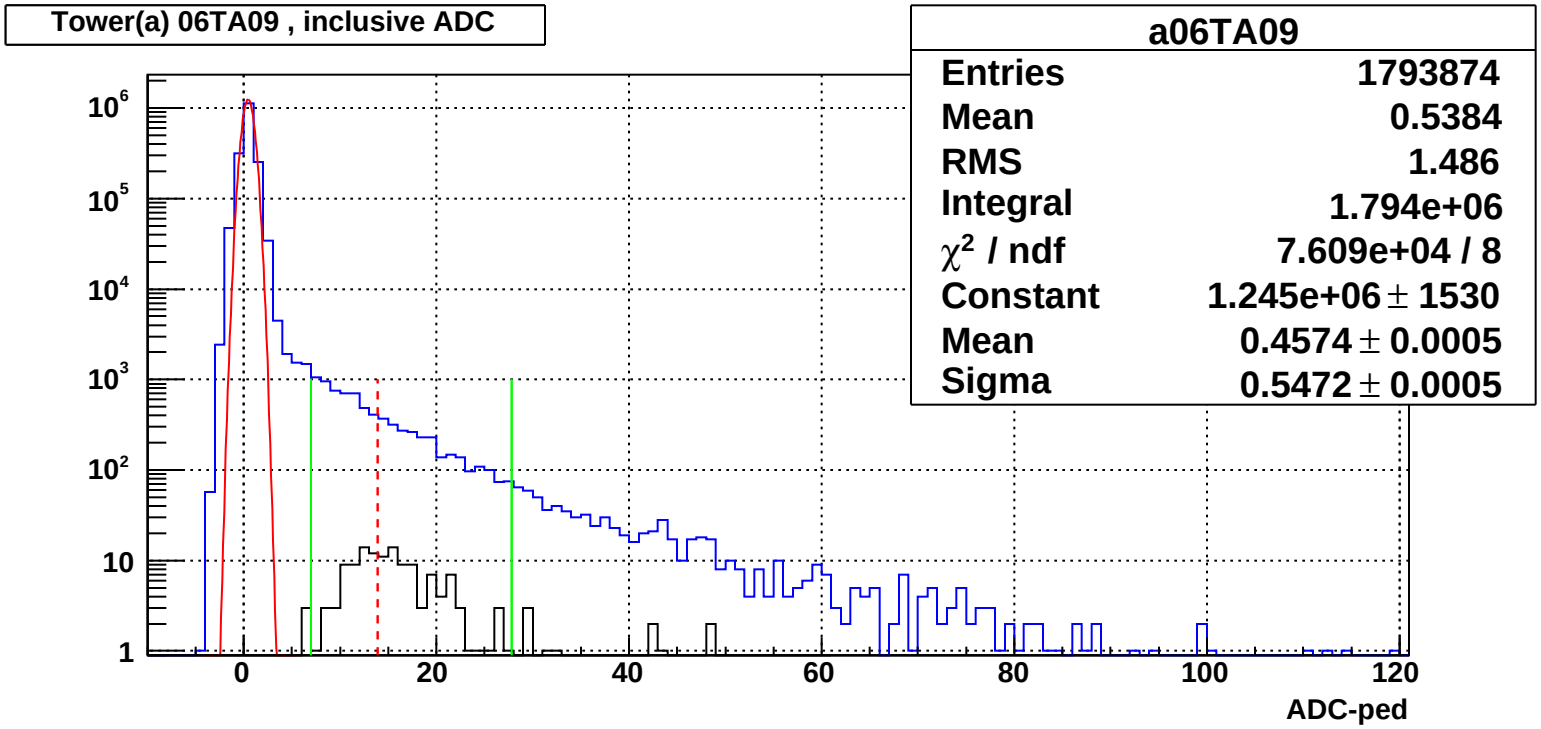

Tower(d) 05TC09 , ADC, tag: UxV 2*thr
d05TC09
Entries 157
Mean 16.86
RMS 7.89
Integral 156
χ² / ndf 15.54 / 17
x0 14.77 ± 0.36
aL 15.95 ± 2.39
sigL 3.626 ± 2.465
sigG 2.584 ± 0.405
ADC-ped

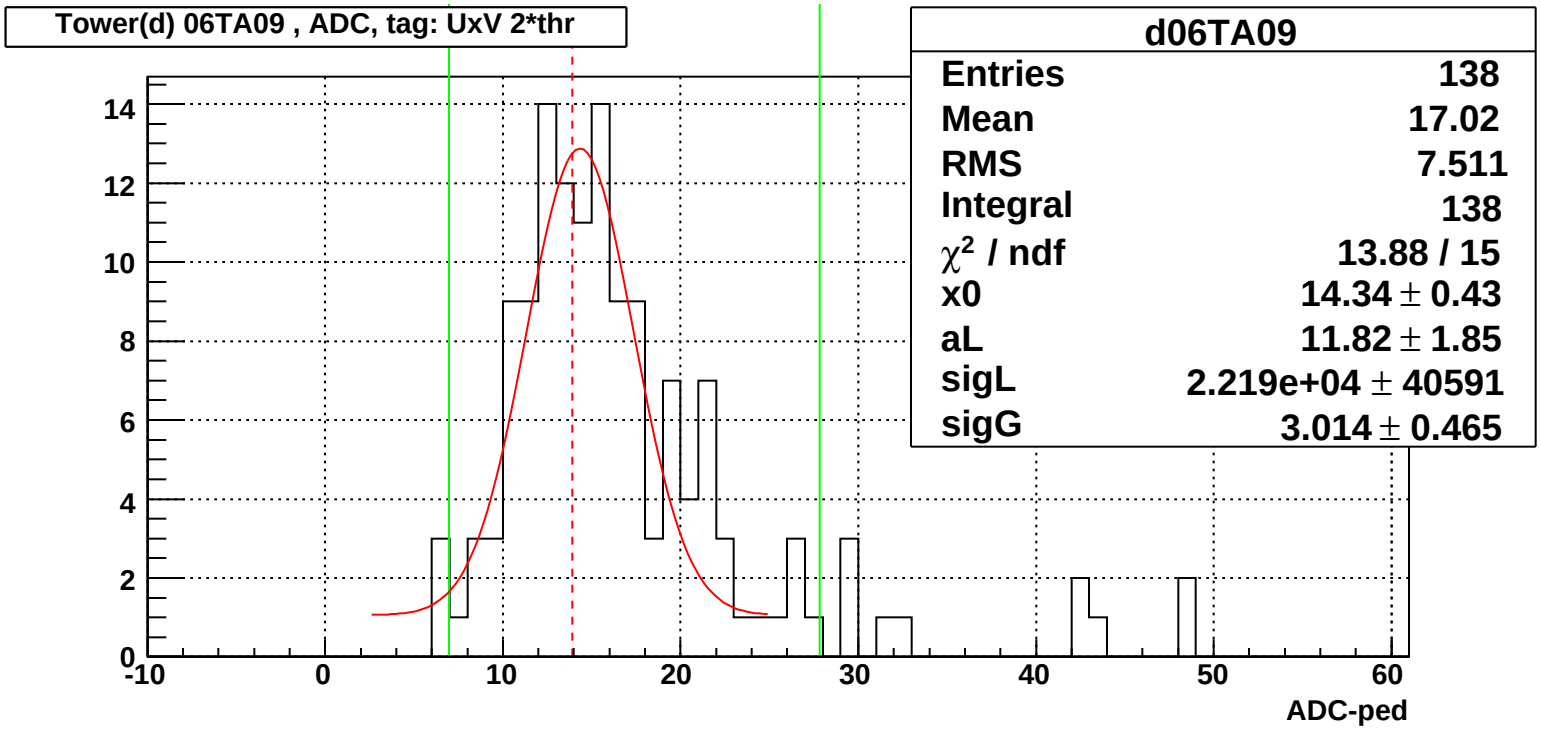

Tower(a) 05TD09 , inclusive ADC
a05TD09
Entries 1793874
Mean 0.03524
RMS 1.839
Integral 1.794e+06
χ² / ndf 2.54e+05 / 8
Constant 5.291e+05 ± 599
Mean -0.1271 ± 0.0011
Sigma 1.153 ± 0.001
ADC-ped

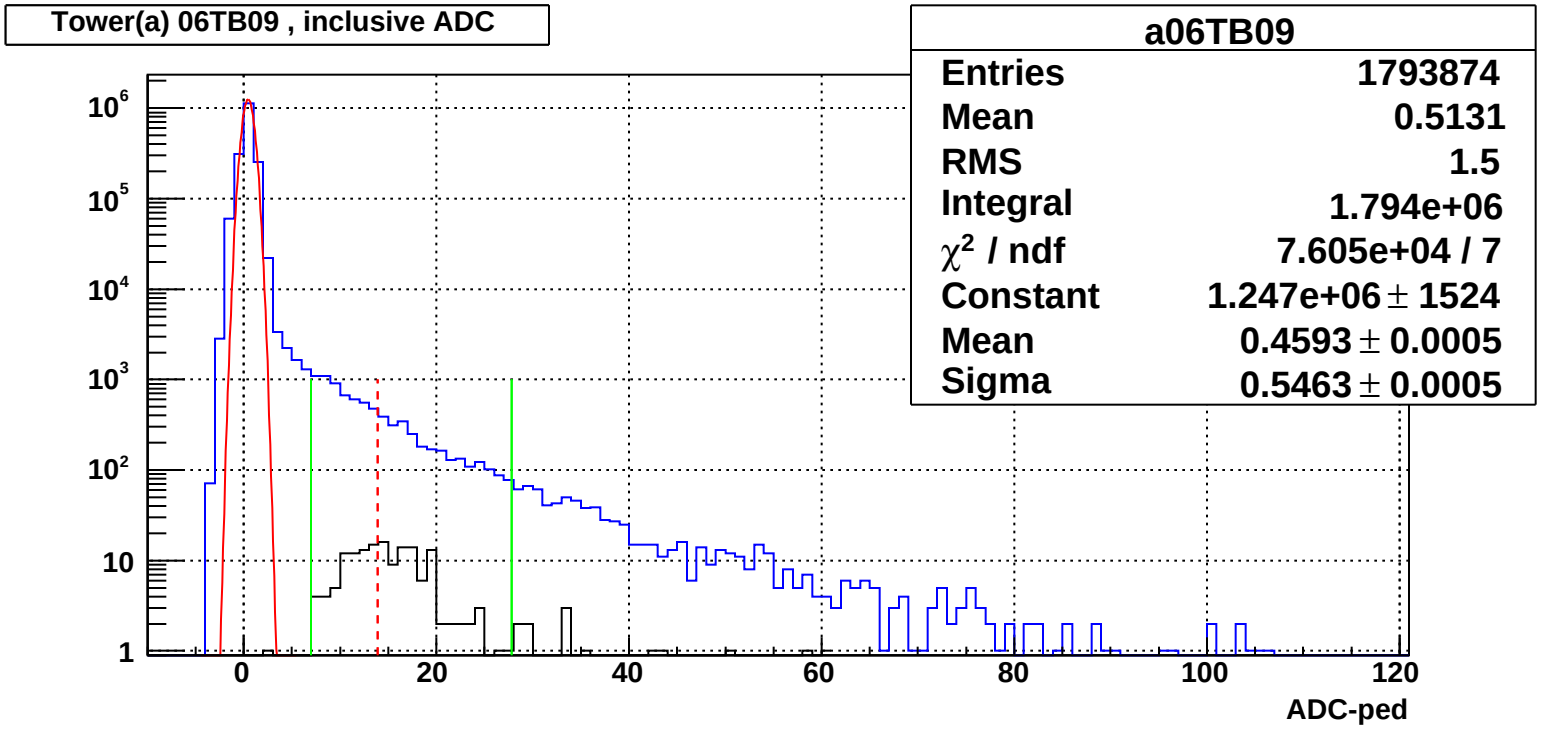

Tower(d) 05TD09 , ADC, tag: UxV 2*thr
d05TD09
Entries 159
Mean 18.04
RMS 8.62
Integral 157
χ² / ndf 20.89 / 22
x0 15.59 ± 0.33
aL 13.29 ± 1.68
sigL 8.886e+04 ± 1
sigG 2.776 ± 0.260
ADC-ped

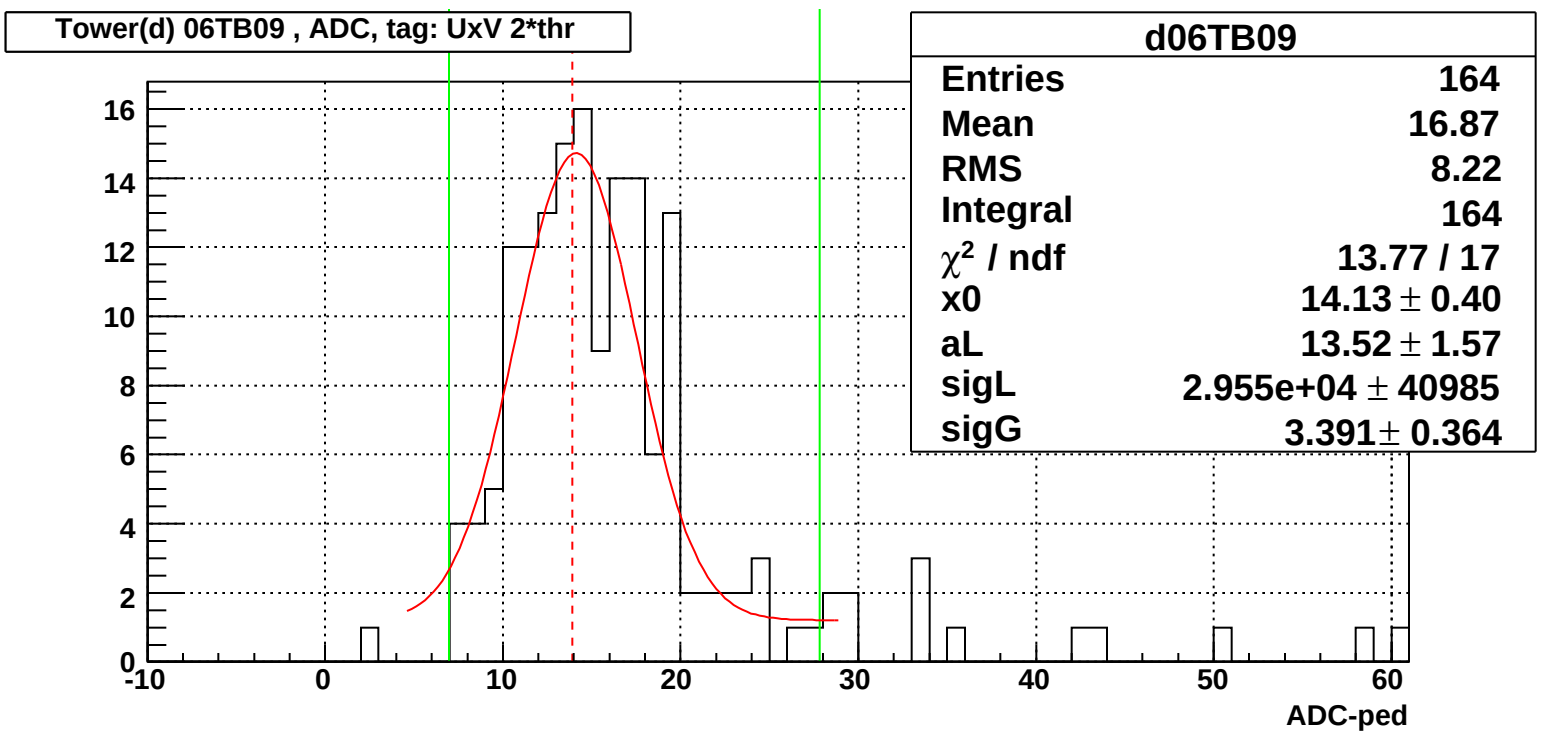

Tower(a) 05TE09 , inclusive ADC
a05TE09
Entries 1793874
Mean -0.1077
RMS 1.62
Integral 1.794e+06
χ² / ndf 2.1e+05 / 8
Constant 7.276e+05 ± 845
Mean -0.2312 ± 0.0010
Sigma 0.8636 ± 0.0007
ADC-ped

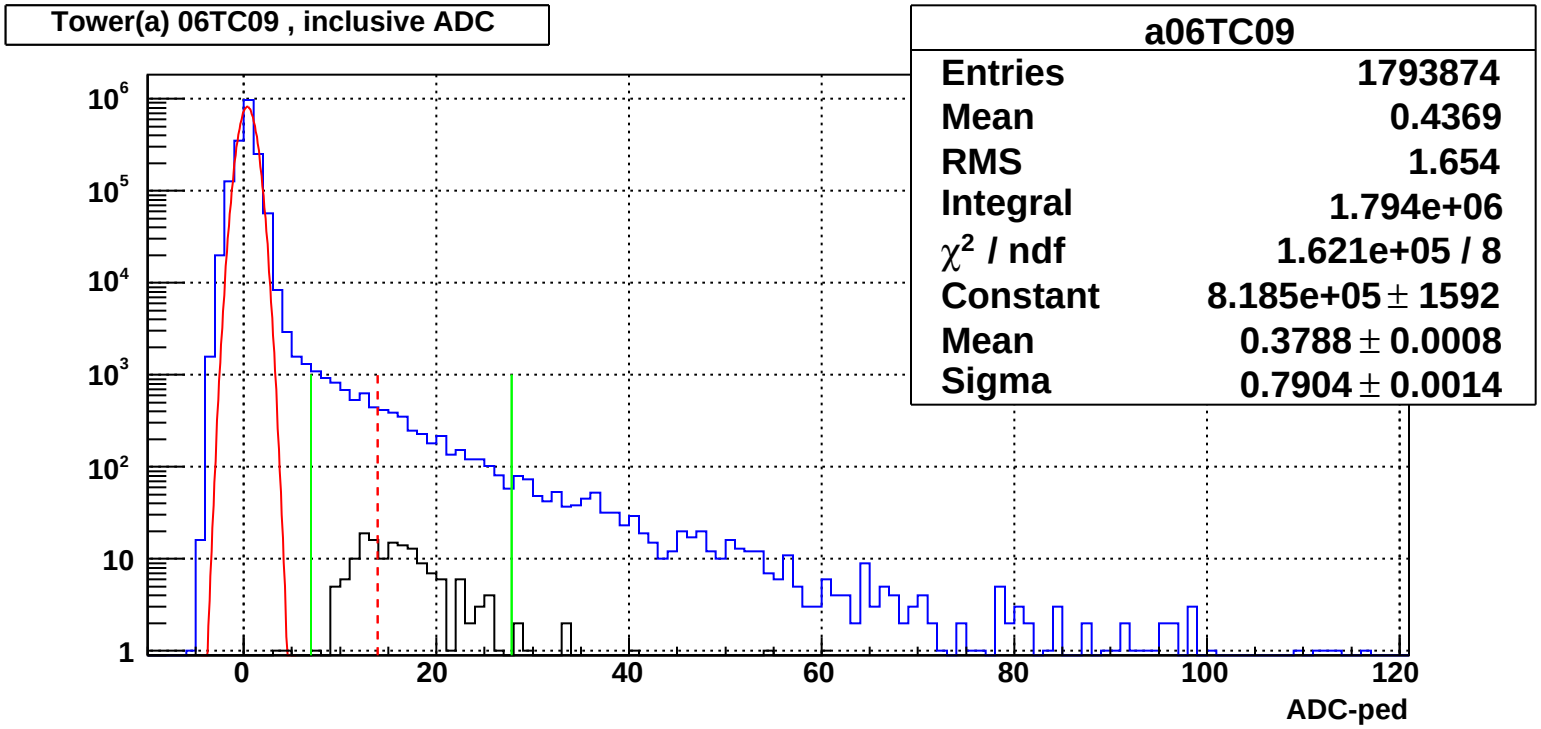

Tower(d) 05TE09 , ADC, tag: UxV 2*thr
d05TE09
Entries 163
Mean 18.34
RMS 9.421
Integral 161
χ² / ndf 18.6 / 21
x0 15.14 ± 0.34
aL 13.68 ± 1.07
sigL 5.14e+04 ± 1
sigG 2.883 ± 0.286
ADC-ped

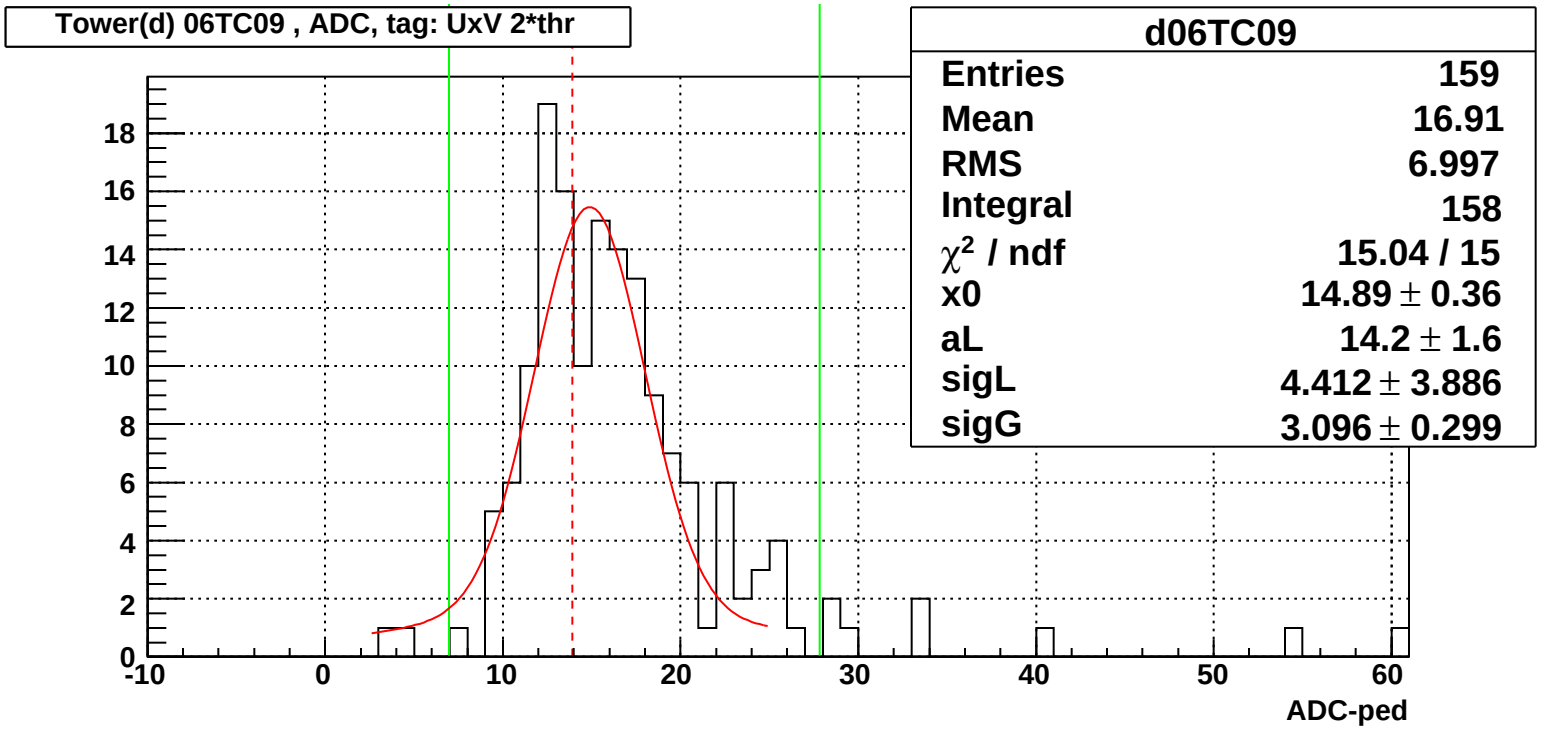

Tower(a) 06TA09 , inclusive ADC
a06TA09
Entries 1793874
Mean 0.5384
RMS 1.486
Integral 1.794e+06
χ² / ndf 7.609e+04 / 8
Constant 1.245e+06 ± 1530
Mean 0.4574 ± 0.0005
Sigma 0.5472 ± 0.0005
ADC-ped

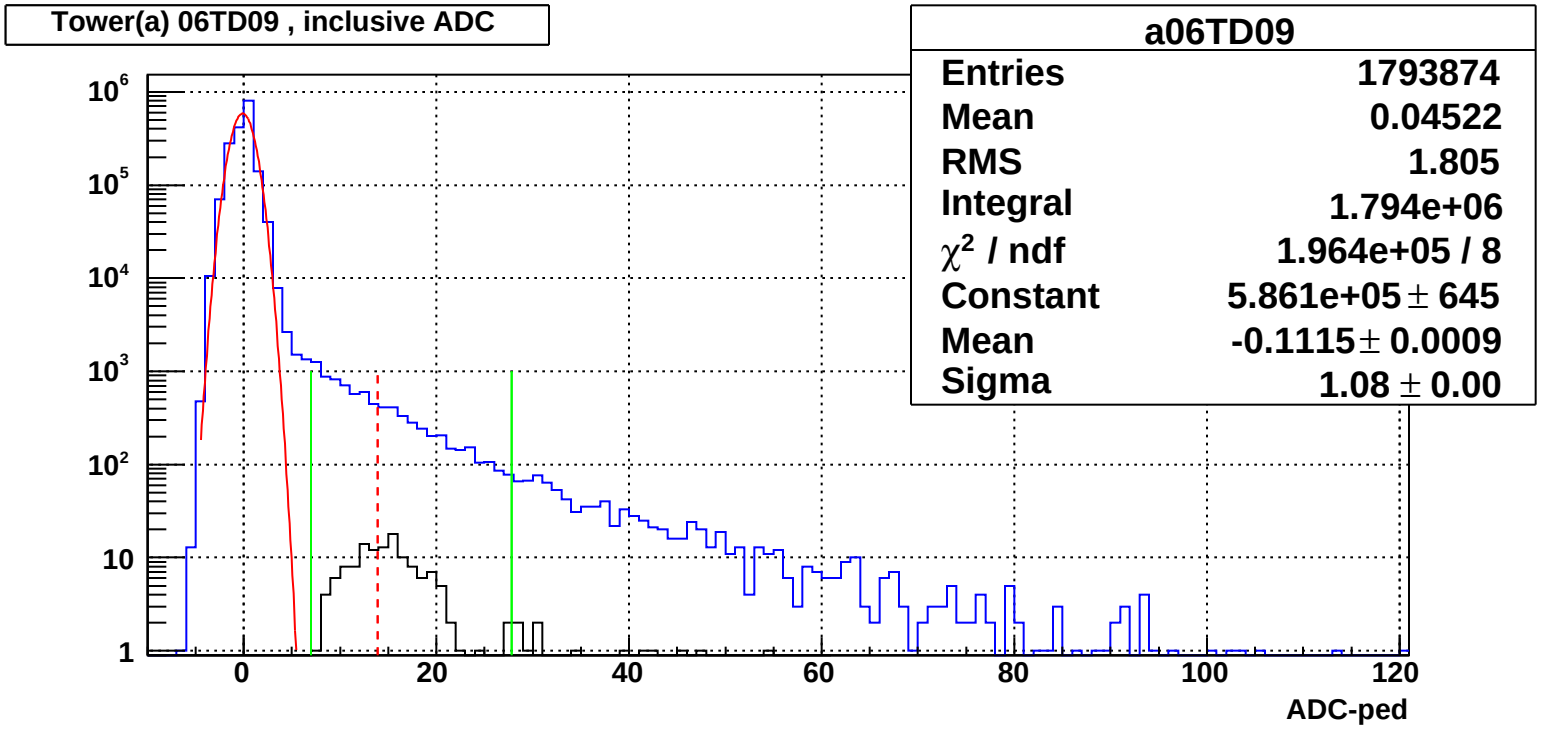

Tower(d) 06TA09 , ADC, tag: UxV 2*thr
d06TA09
Entries 138
Mean 17.02
RMS 7.511
Integral 138
χ² / ndf 13.88 / 15
x0 14.34 ± 0.43
aL 11.82 ± 1.85
sigL 2.219e+04 ± 40591
sigG 3.014 ± 0.465
ADC-ped

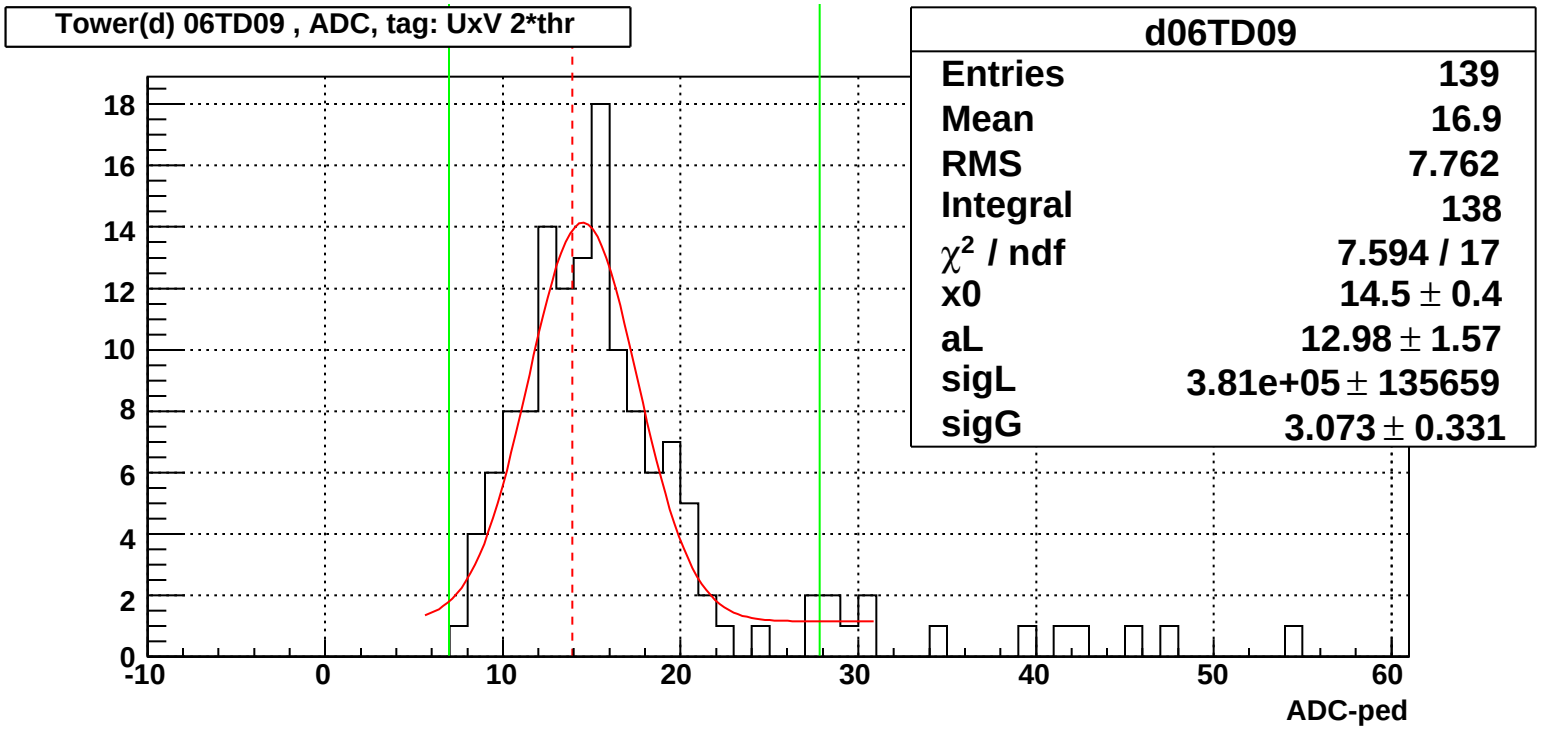

Tower(a) 06TB09 , inclusive ADC
a06TB09
Entries 1793874
Mean 0.5131
RMS 1.5
Integral 1.794e+06
χ² / ndf 7.605e+04 / 7
Constant 1.247e+06 ± 1524
Mean 0.4593 ± 0.0005
Sigma 0.5463 ± 0.0005
ADC-ped

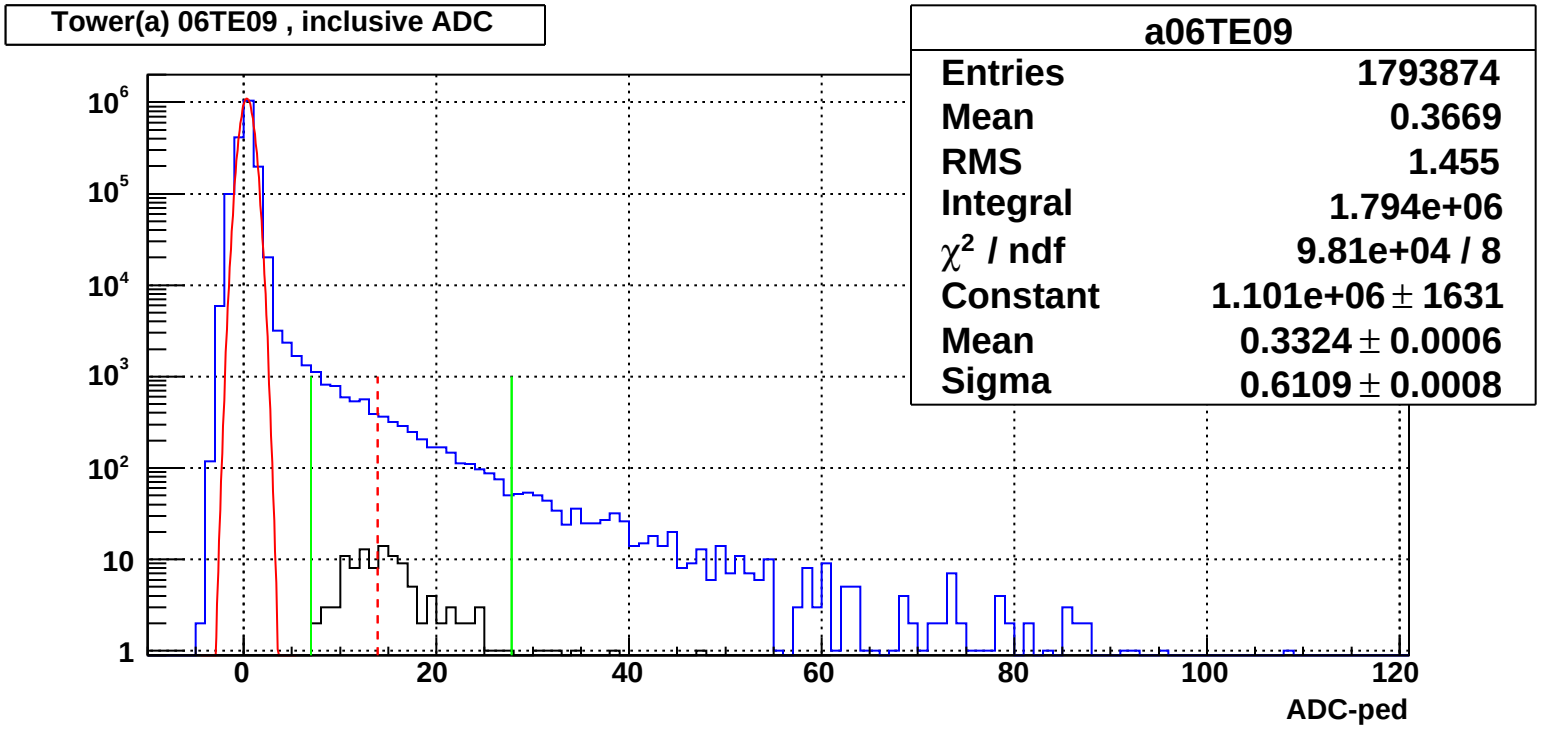

Tower(d) 06TB09 , ADC, tag: UxV 2*thr
d06TB09
Entries 164
Mean 16.87
RMS 8.22
Integral 164
χ² / ndf 13.77 / 17
x0 14.13 ± 0.40
aL 13.52 ± 1.57
sigL 2.955e+04 ± 40985
sigG 3.391 ± 0.364
ADC-ped

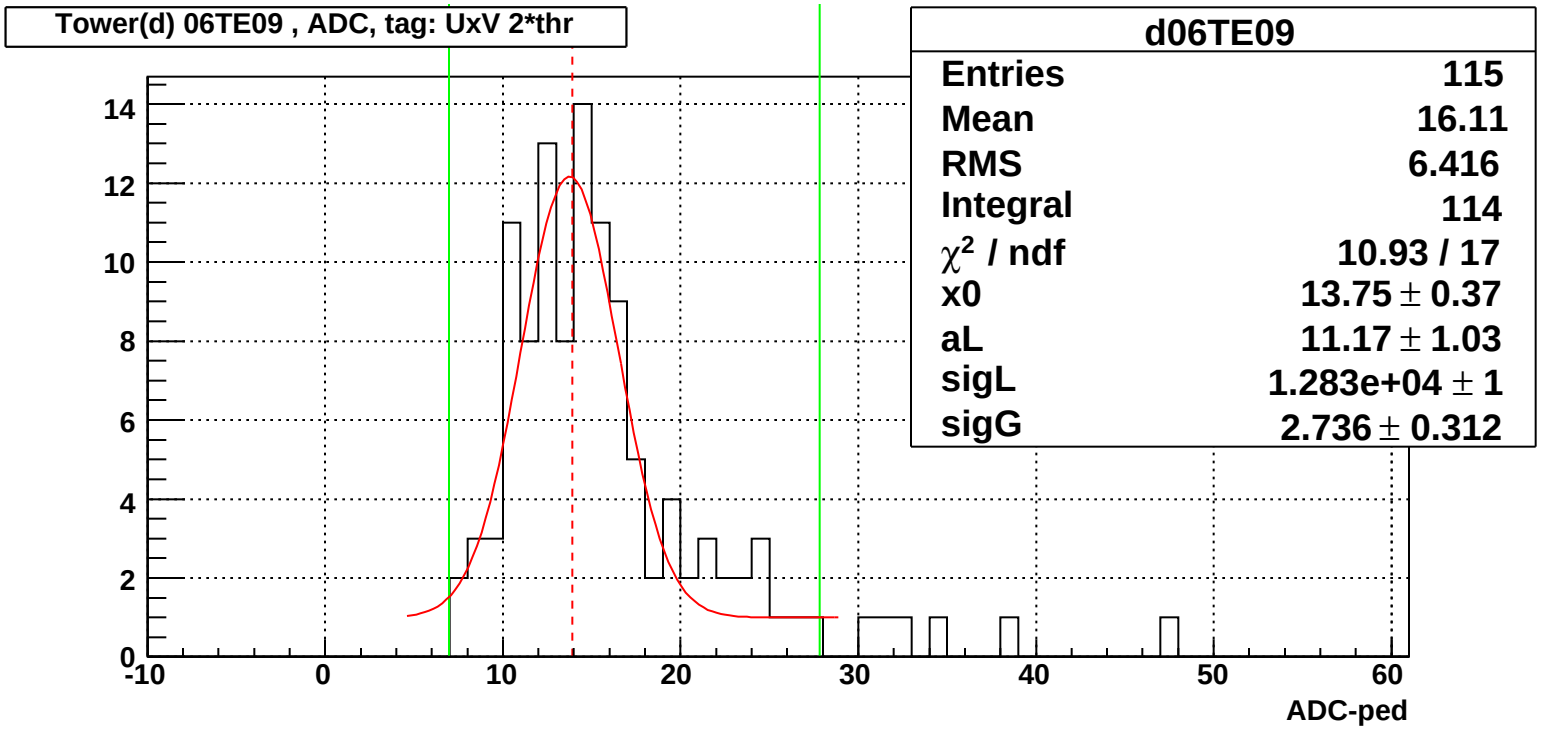

Tower(a) 06TC09 , inclusive ADC
a06TC09
Entries 1793874
Mean 0.4369
RMS 1.654
Integral 1.794e+06
χ² / ndf 1.621e+05 / 8
Constant 8.185e+05 ± 1592
Mean 0.3788 ± 0.0008
Sigma 0.7904 ± 0.0014
ADC-ped

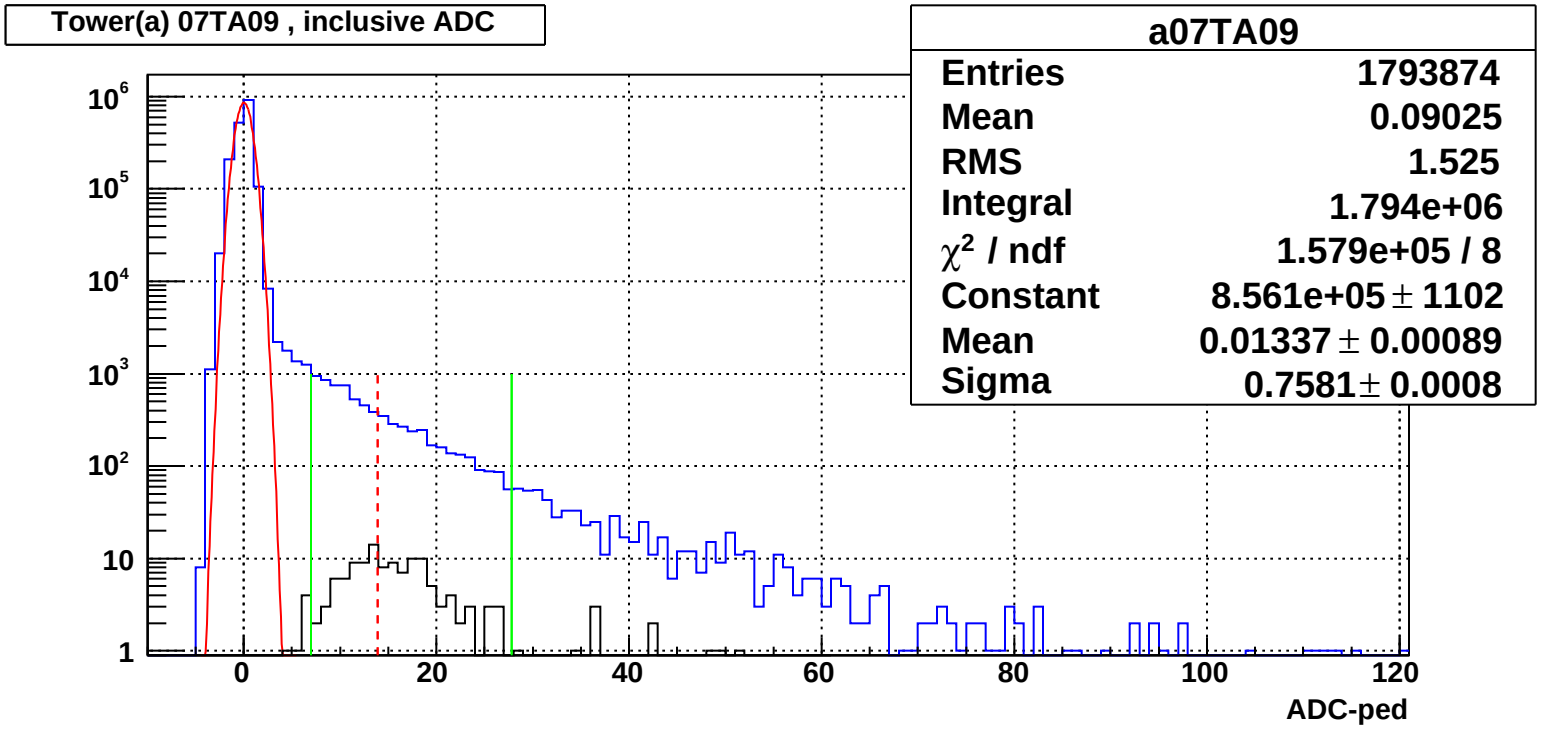

Tower(d) 06TC09 , ADC, tag: UxV 2*thr
d06TC09
Entries 159
Mean 16.91
RMS 6.997
Integral 158
χ² / ndf 15.04 / 15
x0 14.89 ± 0.36
aL 14.2 ± 1.6
sigL 4.412 ± 3.886
sigG 3.096 ± 0.299
ADC-ped

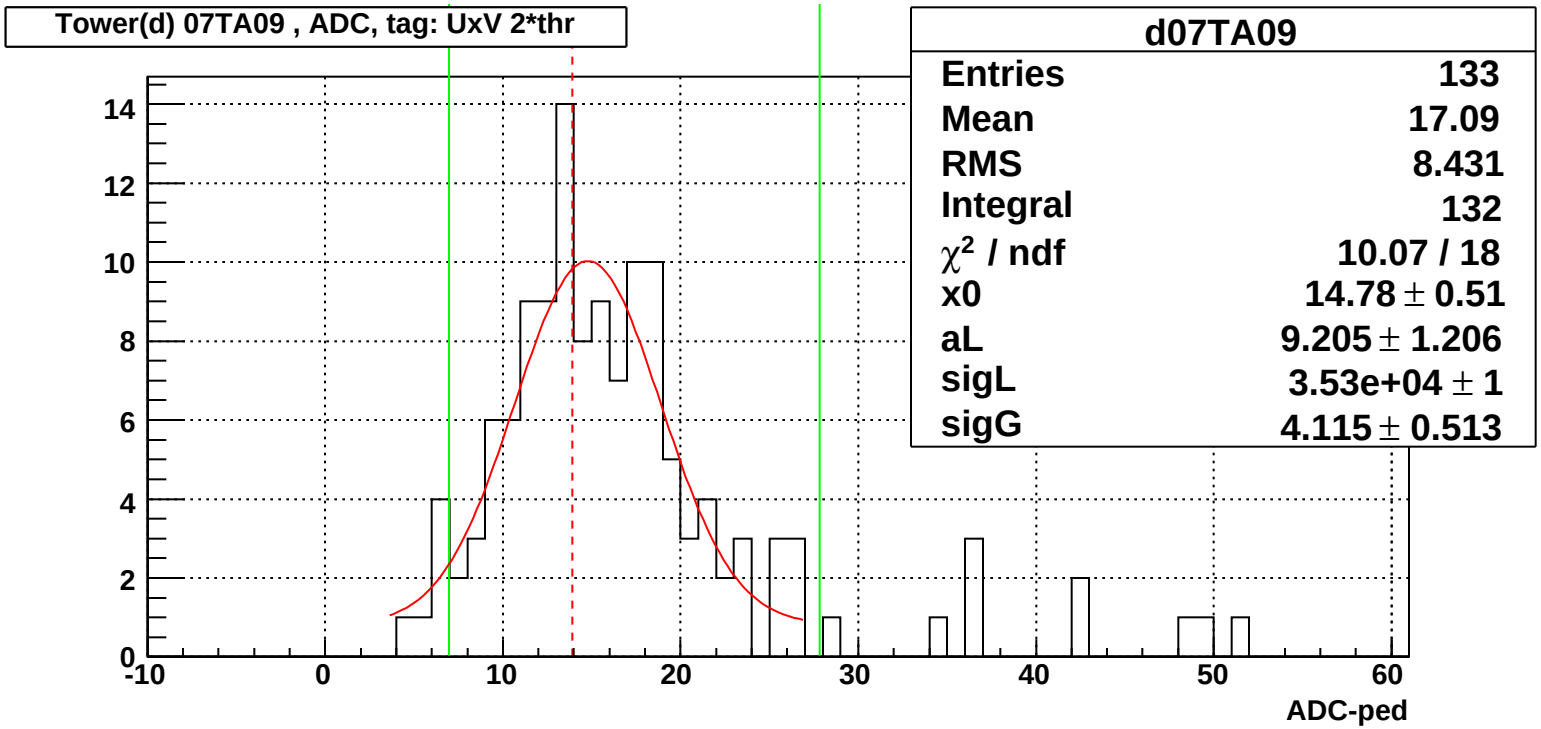

Tower(a) 06TD09 , inclusive ADC
a06TD09
Entries 1793874
Mean 0.04522
RMS 1.805
Integral 1.794e+06
χ² / ndf 1.964e+05 / 8
Constant 5.861e+05 ± 645
Mean -0.1115 ± 0.0009
Sigma 1.08 ± 0.00
ADC-ped

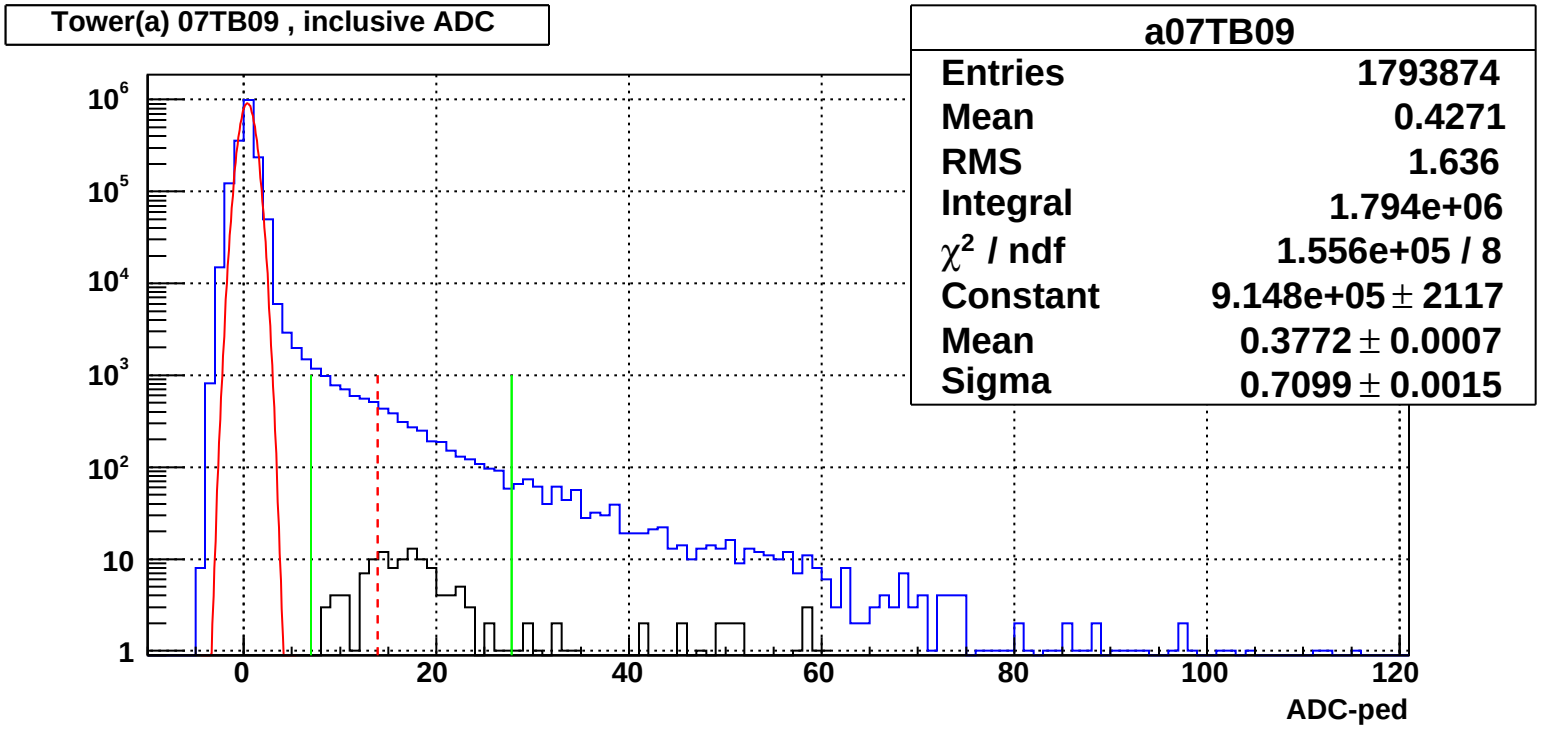

Tower(d) 06TD09 , ADC, tag: UxV 2*thr
d06TD09
Entries 139
Mean 16.9
RMS 7.762
Integral 138
χ² / ndf 7.594 / 17
x0 14.5 ± 0.4
aL 12.98 ± 1.57
sigL 3.81e+05 ± 135659
sigG 3.073 ± 0.331
ADC-ped

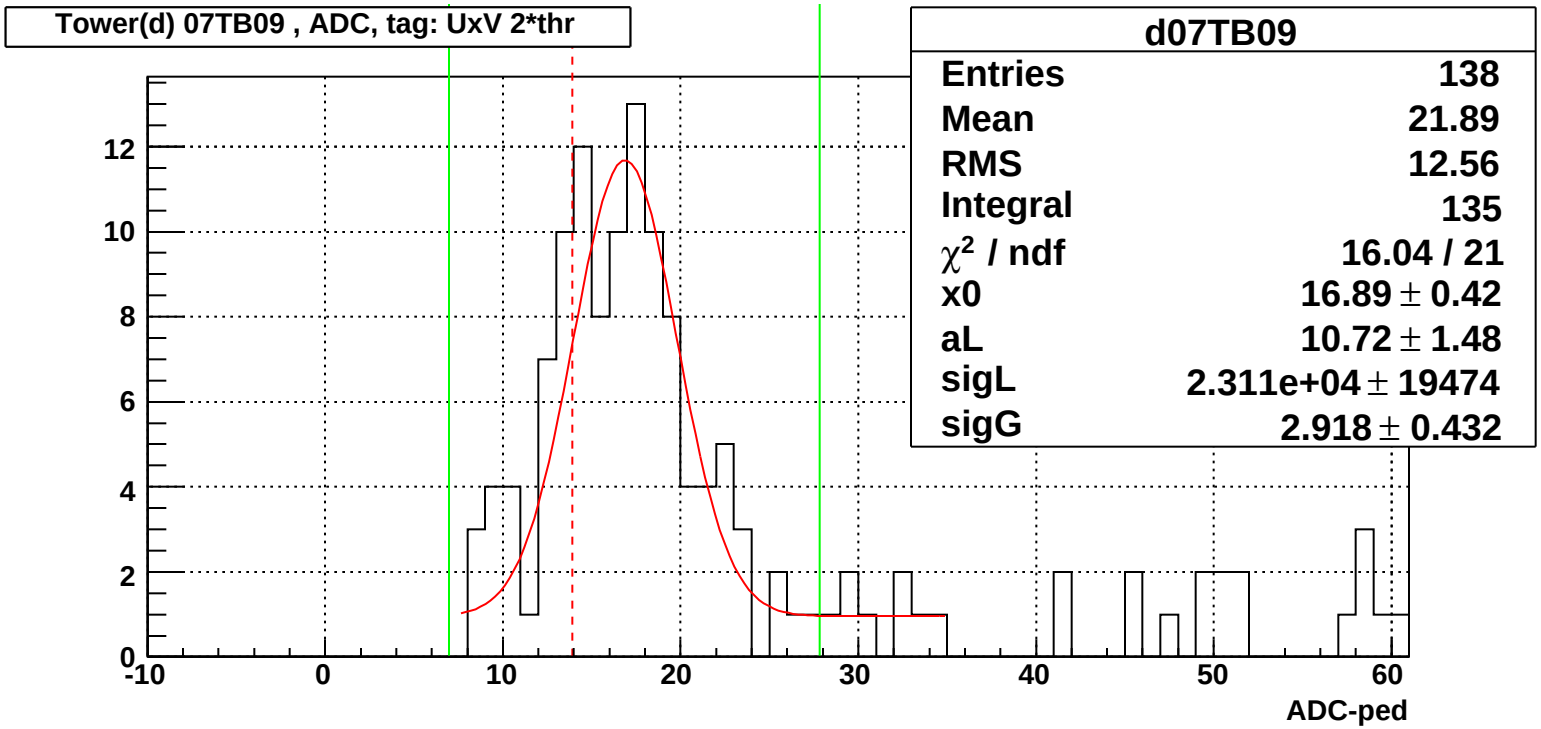

Tower(a) 06TE09 , inclusive ADC
a06TE09
Entries 1793874
Mean 0.3669
RMS 1.455
Integral 1.794e+06
χ² / ndf 9.81e+04 / 8
Constant 1.101e+06 ± 1631
Mean 0.3324 ± 0.0006
Sigma 0.6109 ± 0.0008
ADC-ped

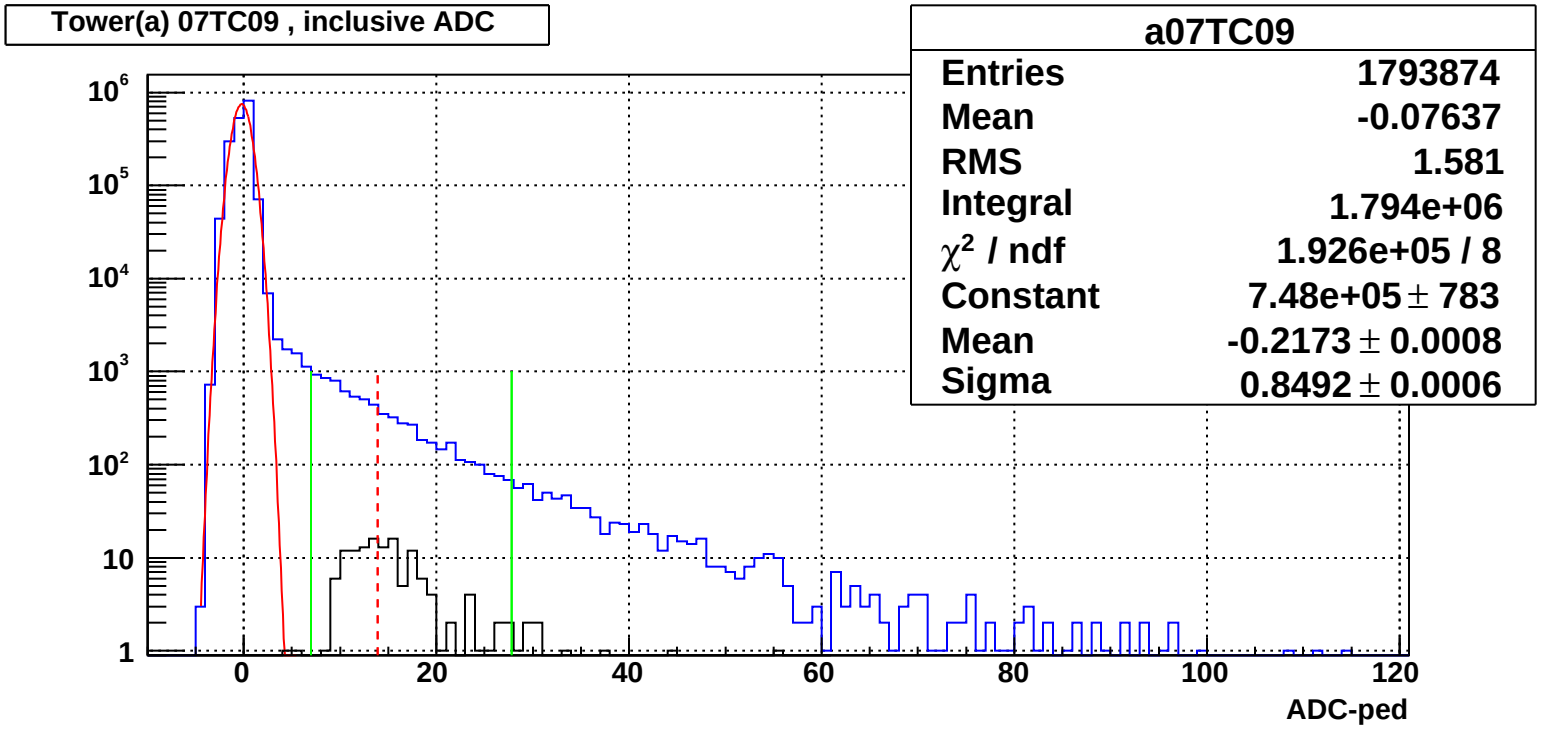

Tower(d) 06TE09 , ADC, tag: UxV 2*thr
d06TE09
Entries 115
Mean 16.11
RMS 6.416
Integral 114
χ² / ndf 10.93 / 17
x0 13.75 ± 0.37
aL 11.17 ± 1.03
sigL 1.283e+04 ± 1
sigG 2.736 ± 0.312
ADC-ped

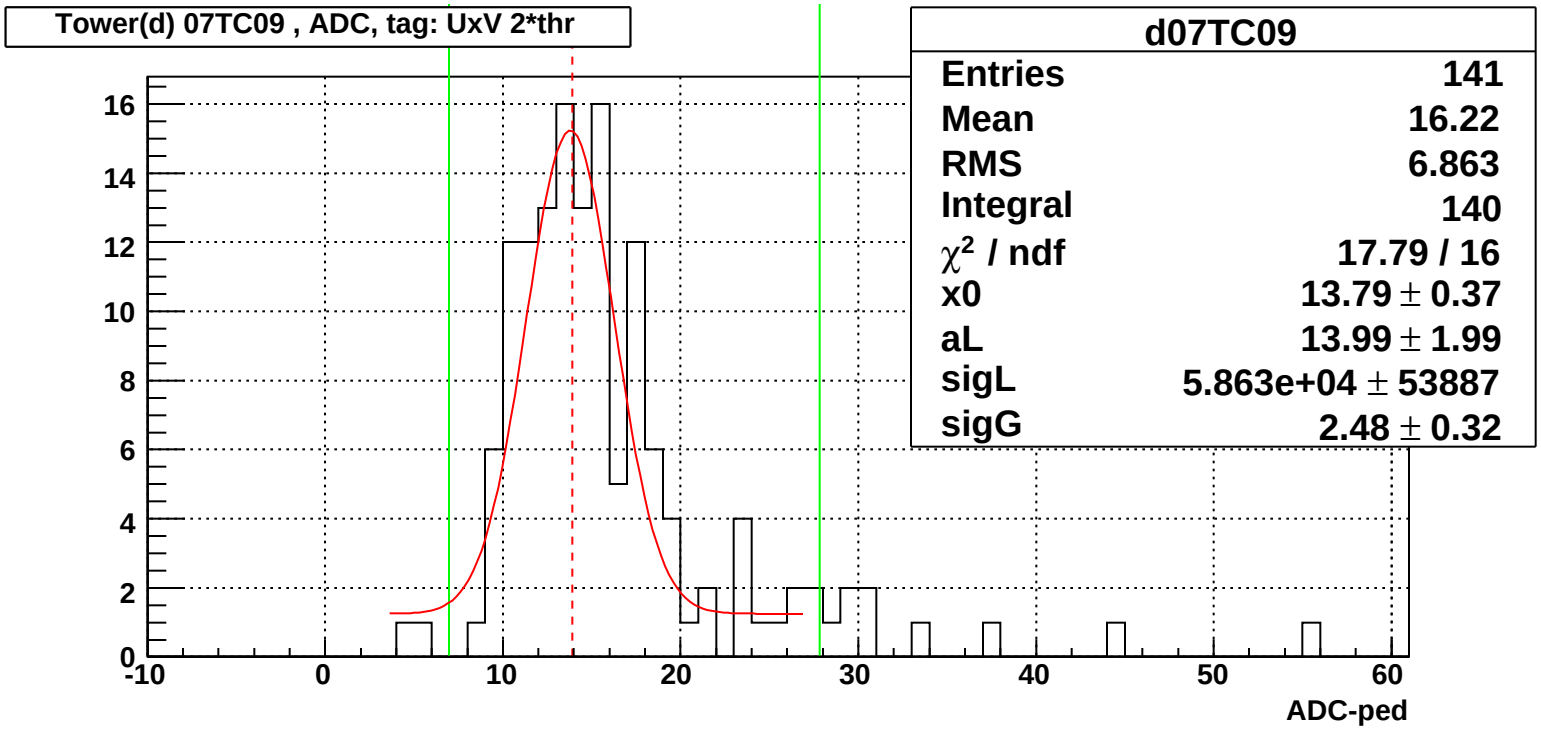

Tower(a) 07TA09 , inclusive ADC
a07TA09
Entries 1793874
Mean 0.09025
RMS 1.525
Integral 1.794e+06
χ² / ndf 1.579e+05 / 8
Constant 8.561e+05 ± 1102
Mean 0.01337 ± 0.00089
Sigma 0.7581 ± 0.0008
ADC-ped

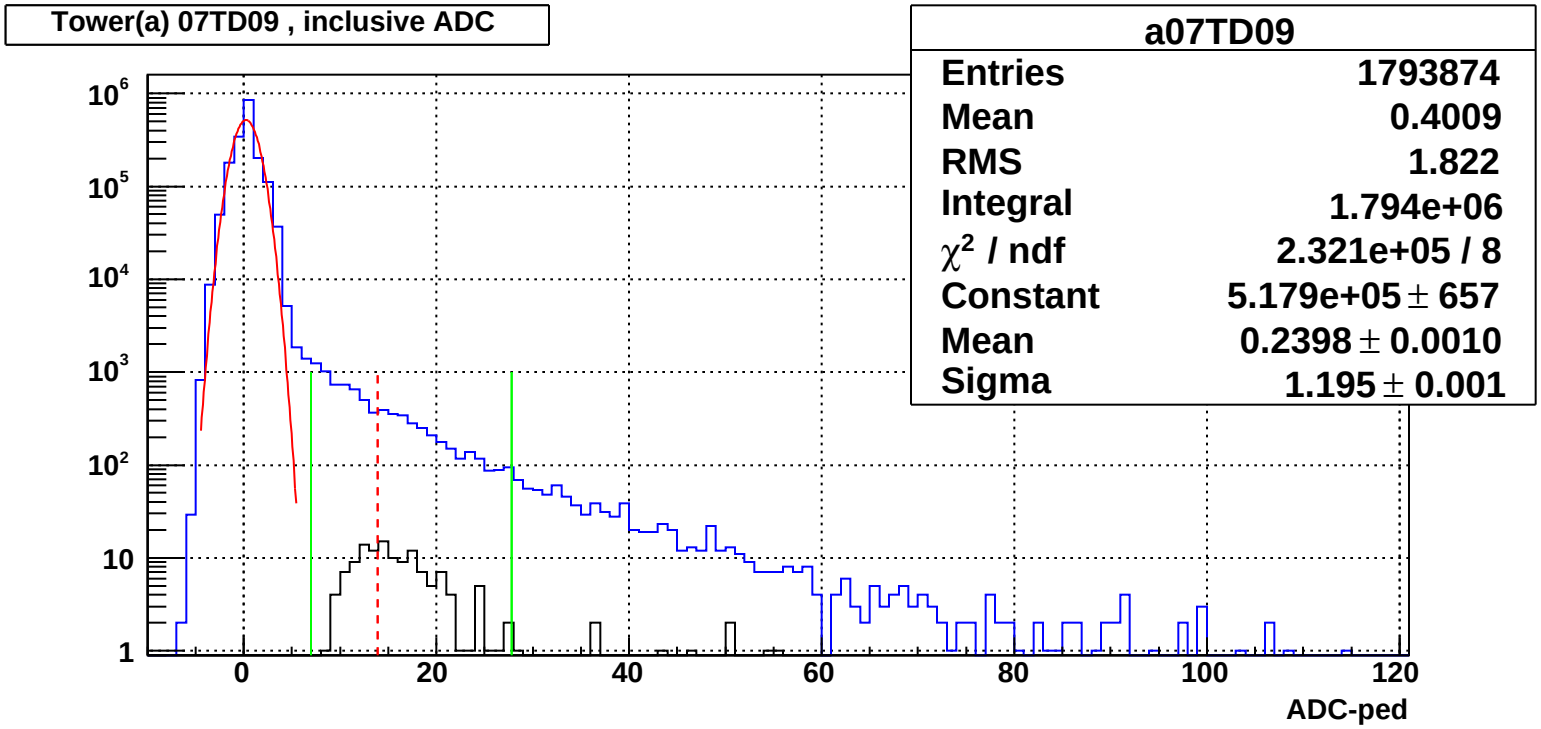

Tower(d) 07TA09 , ADC, tag: UxV 2*thr
d07TA09
Entries 133
Mean 17.09
RMS 8.431
Integral 132
χ² / ndf 10.07 / 18
x0 14.78 ± 0.51
aL 9.205 ± 1.206
sigL 3.53e+04 ± 1
sigG 4.115 ± 0.513
ADC-ped

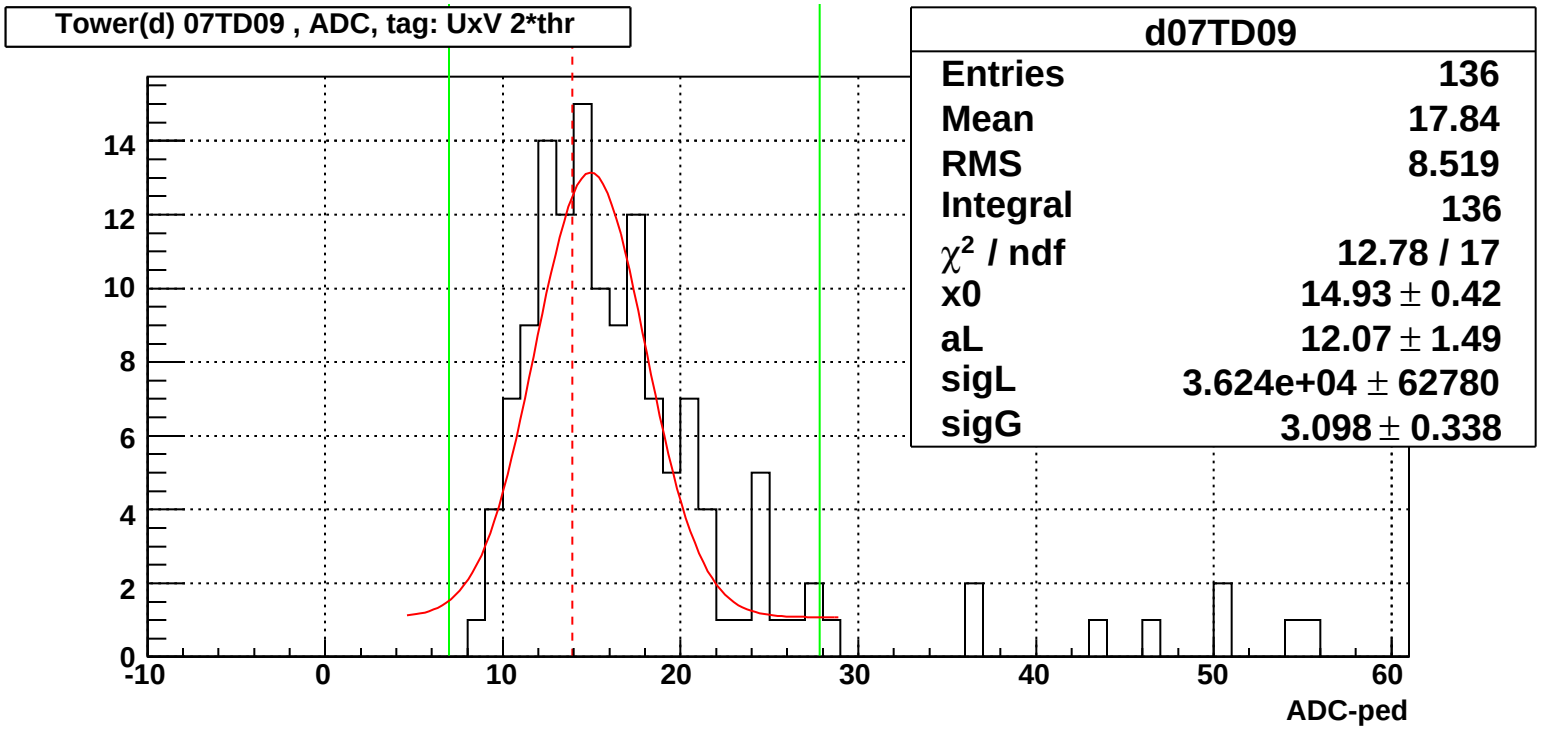

Tower(a) 07TB09 , inclusive ADC
a07TB09
Entries 1793874
Mean 0.4271
RMS 1.636
Integral 1.794e+06
χ² / ndf 1.556e+05 / 8
Constant 9.148e+05 ± 2117
Mean 0.3772 ± 0.0007
Sigma 0.7099 ± 0.0015
ADC-ped

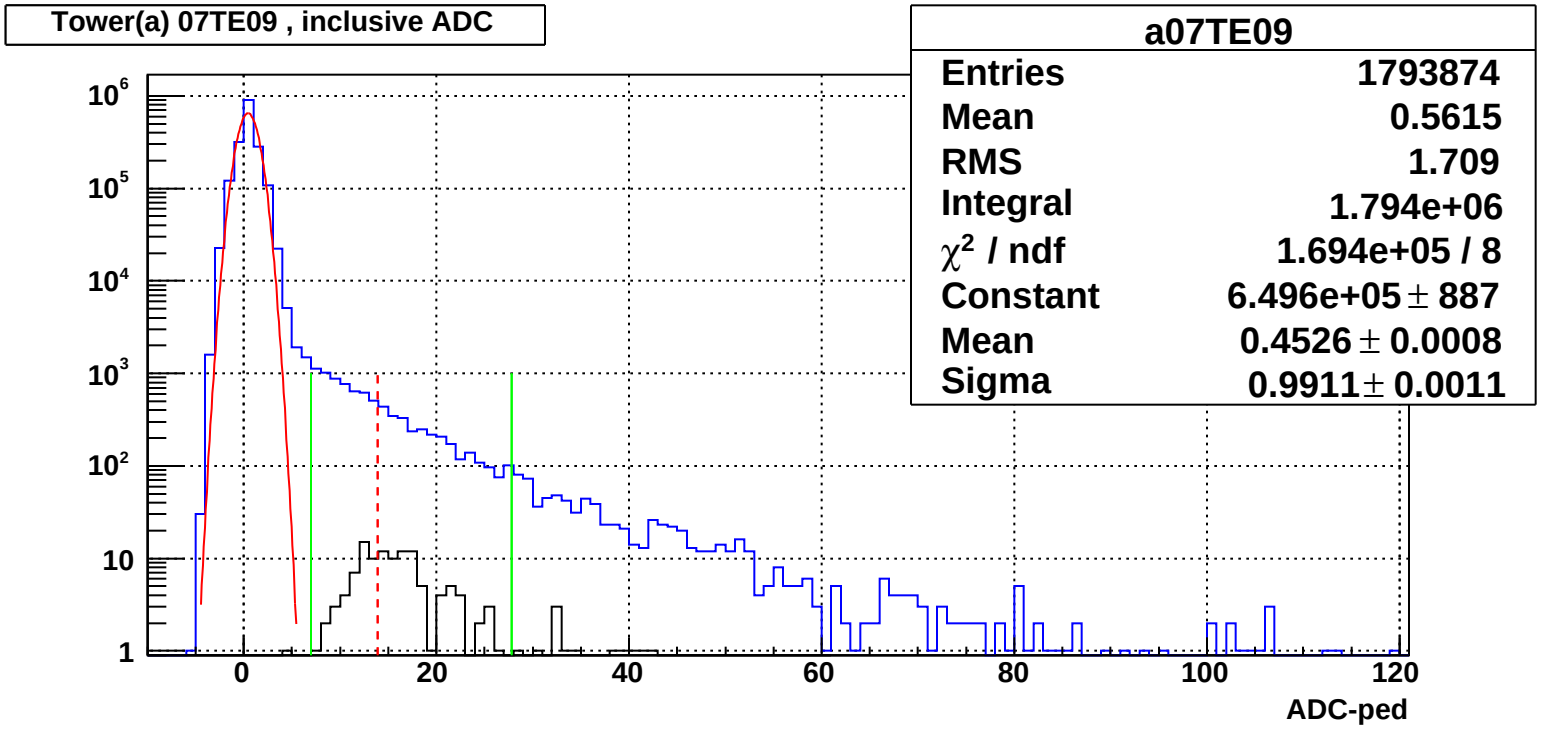

Tower(d) 07TB09 , ADC, tag: UxV 2*thr
d07TB09
Entries 138
Mean 21.89
RMS 12.56
Integral 135
χ² / ndf 16.04 / 21
x0 16.89 ± 0.42
aL 10.72 ± 1.48
sigL 2.311e+04 ± 19474
sigG 2.918 ± 0.432
ADC-ped

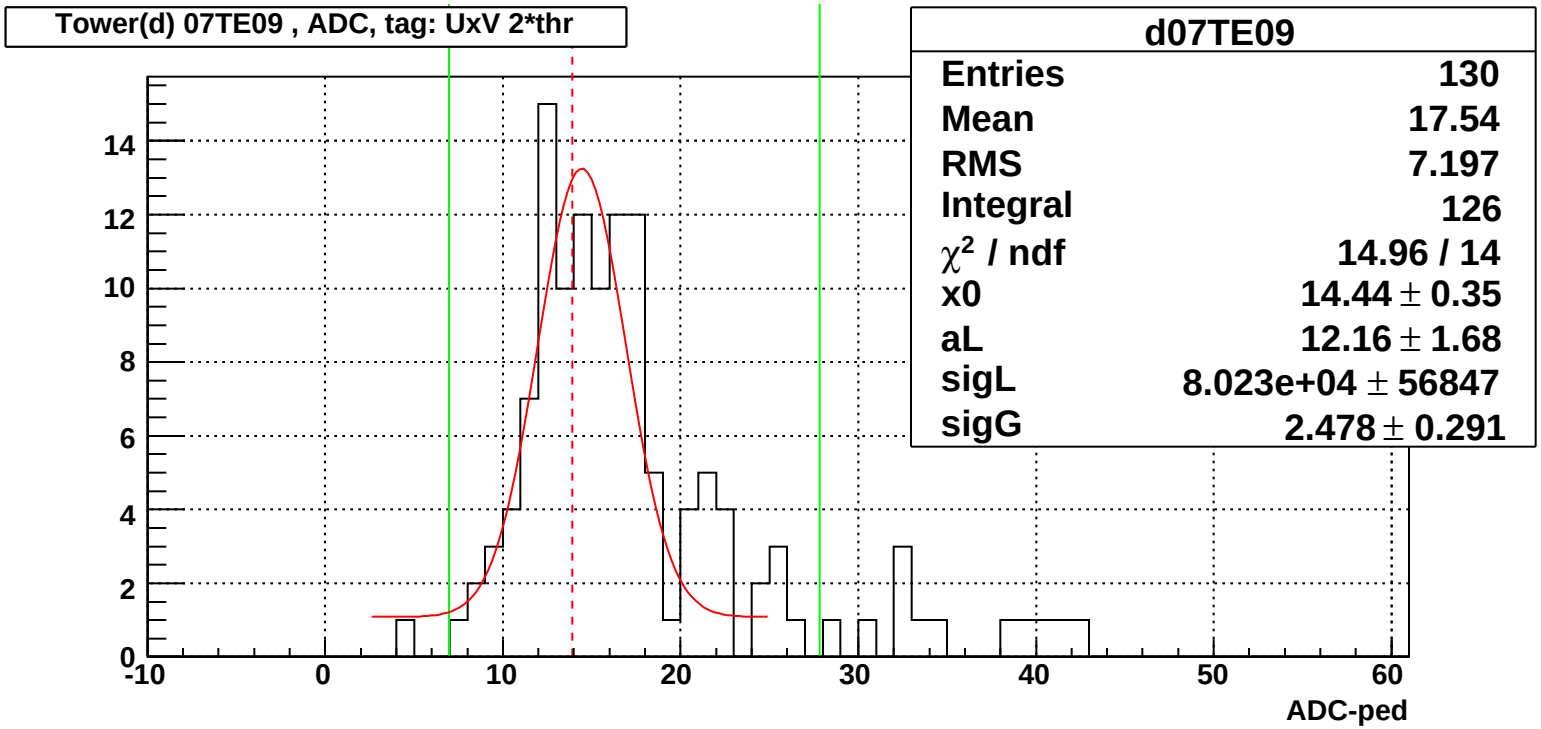

Tower(a) 07TC09 , inclusive ADC
a07TC09
Entries 1793874
Mean -0.07637
RMS 1.581
Integral 1.794e+06
χ² / ndf 1.926e+05 / 8
Constant 7.48e+05 ± 783
Mean -0.2173 ± 0.0008
Sigma 0.8492 ± 0.0006
ADC-ped

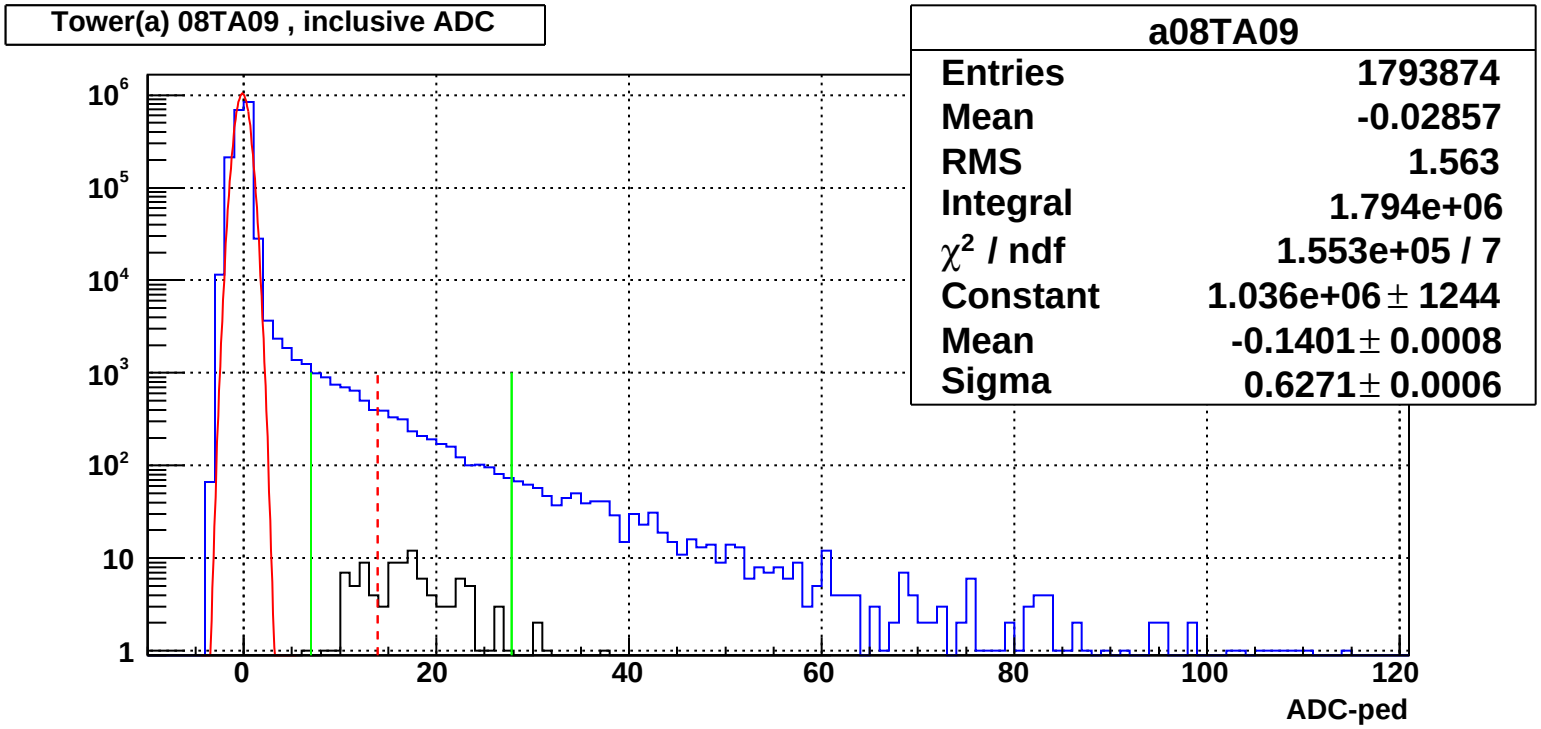

Tower(d) 07TC09 , ADC, tag: UxV 2*thr
d07TC09
Entries 141
Mean 16.22
RMS 6.863
Integral 140
χ² / ndf 17.79 / 16
x0 13.79 ± 0.37
aL 13.99 ± 1.99
sigL 5.863e+04 ± 53887
sigG 2.48 ± 0.32
ADC-ped

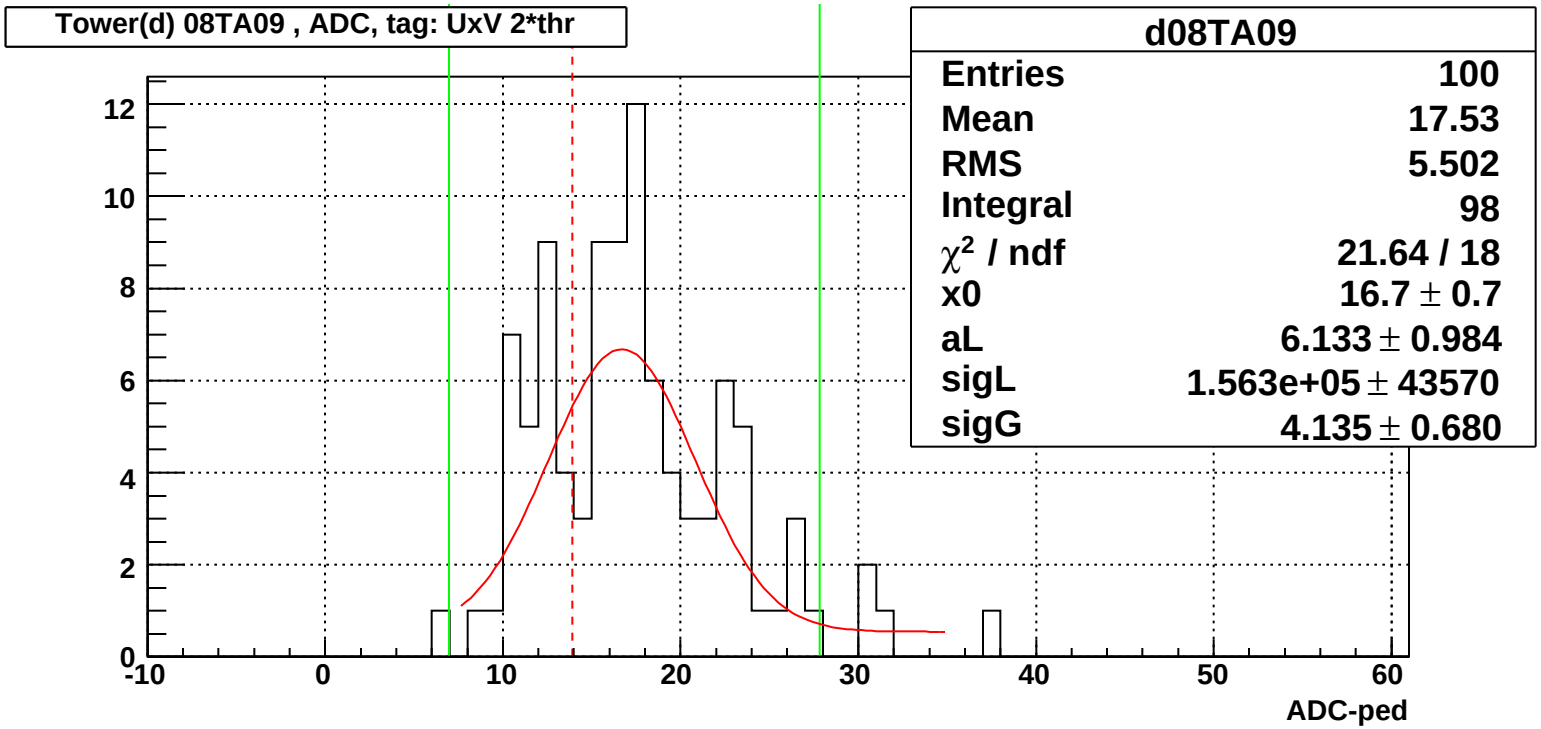

Tower(a) 07TD09 , inclusive ADC
a07TD09
Entries 1793874
Mean 0.4009
RMS 1.822
Integral 1.794e+06
χ² / ndf 2.321e+05 / 8
Constant 5.179e+05 ± 657
Mean 0.2398 ± 0.0010
Sigma 1.195 ± 0.001
ADC-ped

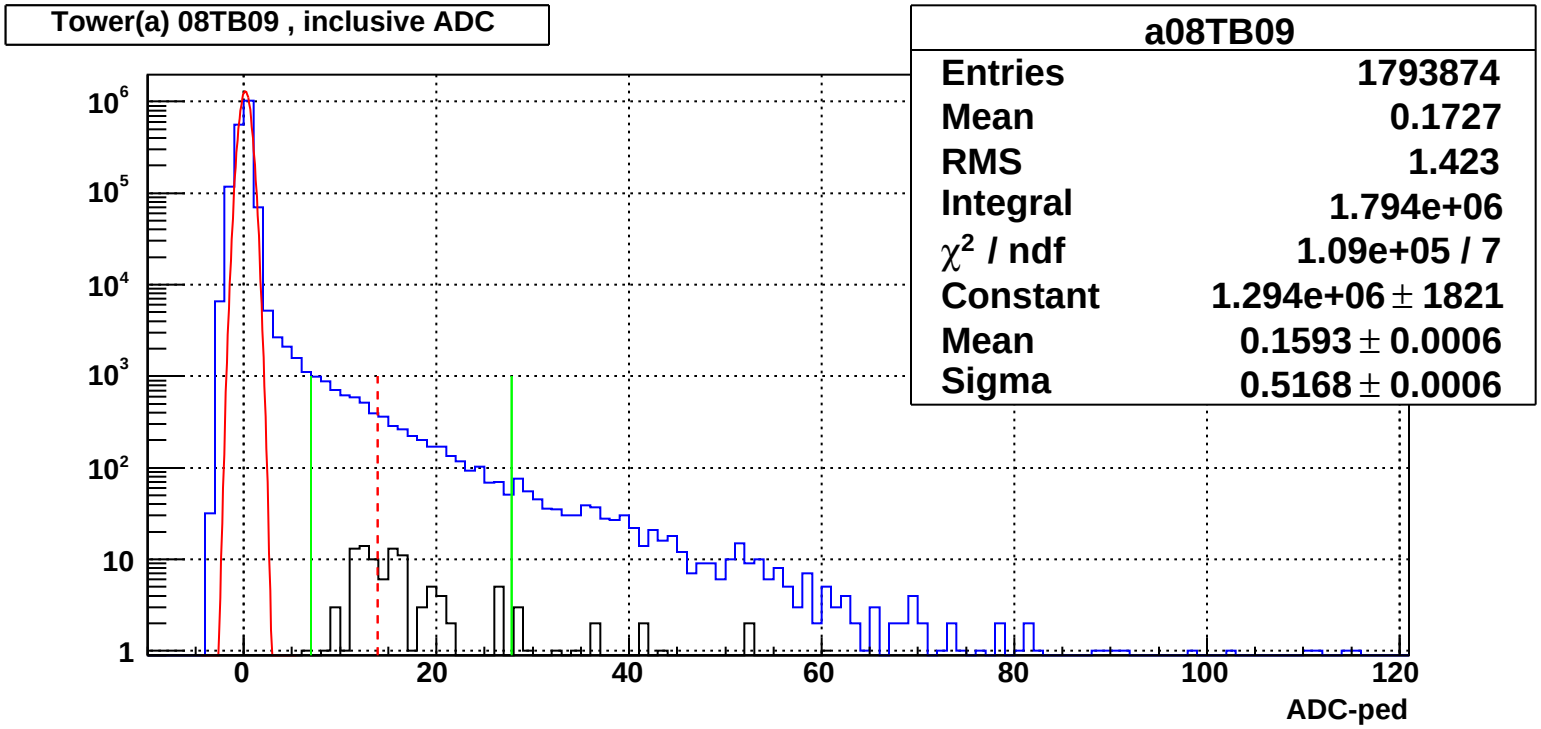

Tower(d) 07TD09 , ADC, tag: UxV 2*thr
d07TD09
Entries 136
Mean 17.84
RMS 8.519
Integral 136
χ² / ndf 12.78 / 17
x0 14.93 ± 0.42
aL 12.07 ± 1.49
sigL 3.624e+04 ± 62780
sigG 3.098 ± 0.338
ADC-ped

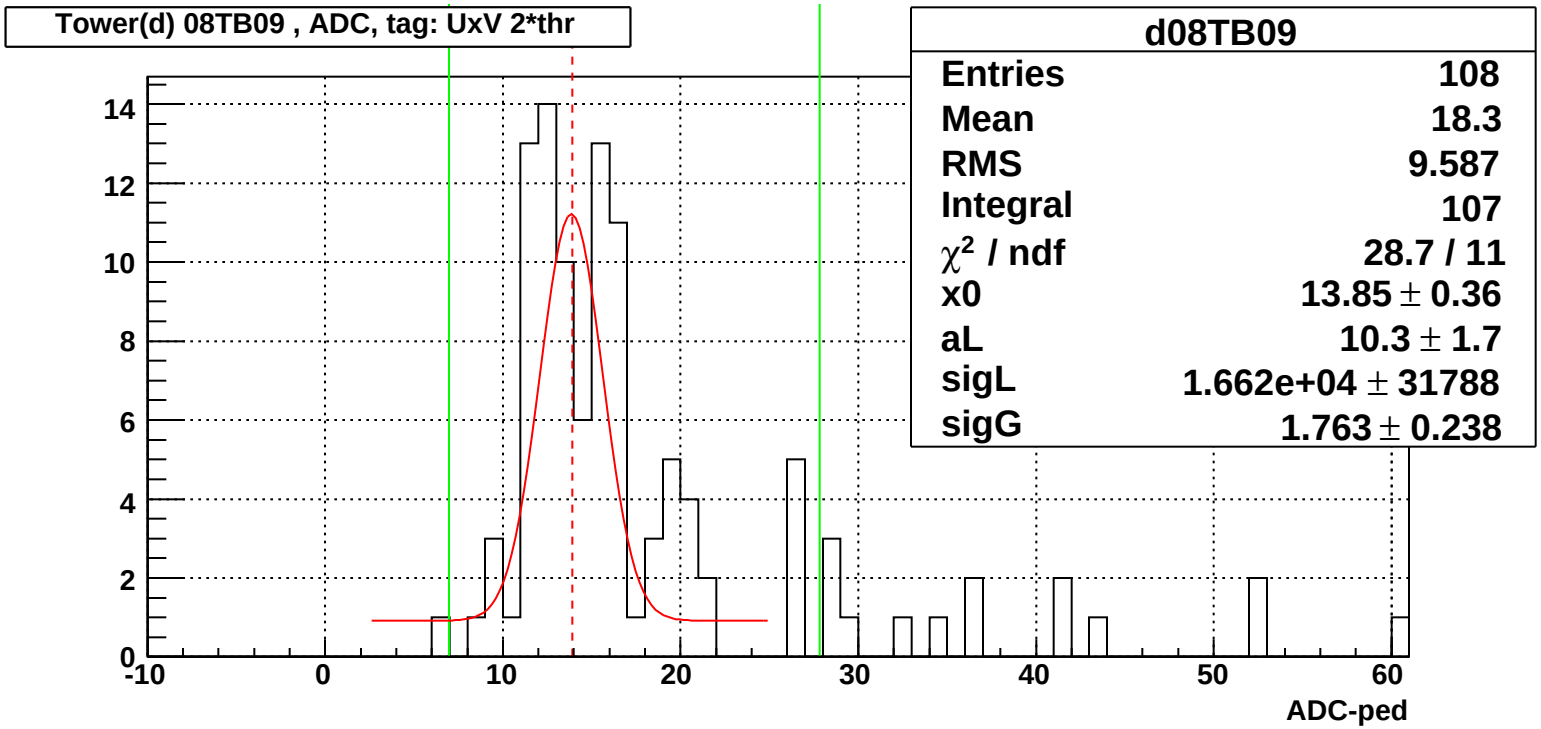

Tower(a) 07TE09 , inclusive ADC
a07TE09
Entries 1793874
Mean 0.5615
RMS 1.709
Integral 1.794e+06
χ² / ndf 1.694e+05 / 8
Constant 6.496e+05 ± 887
Mean 0.4526 ± 0.0008
Sigma 0.9911 ± 0.0011
ADC-ped

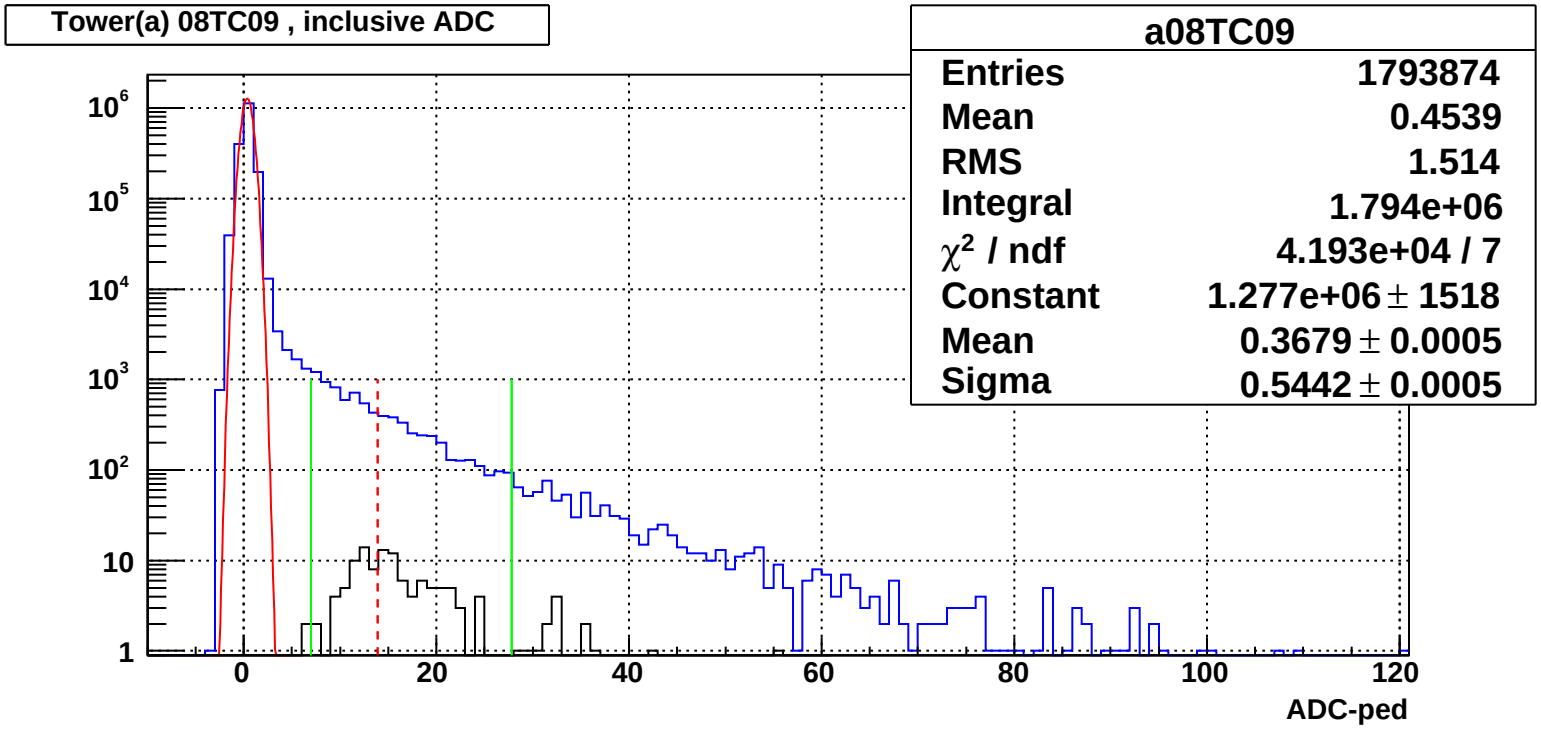

Tower(d) 07TE09 , ADC, tag: UxV 2*thr
d07TE09
Entries 130
Mean 17.54
RMS 7.197
Integral 126
χ² / ndf 14.96 / 14
x0 14.44 ± 0.35
aL 12.16 ± 1.68
sigL 8.023e+04 ± 56847
sigG 2.478 ± 0.291
ADC-ped

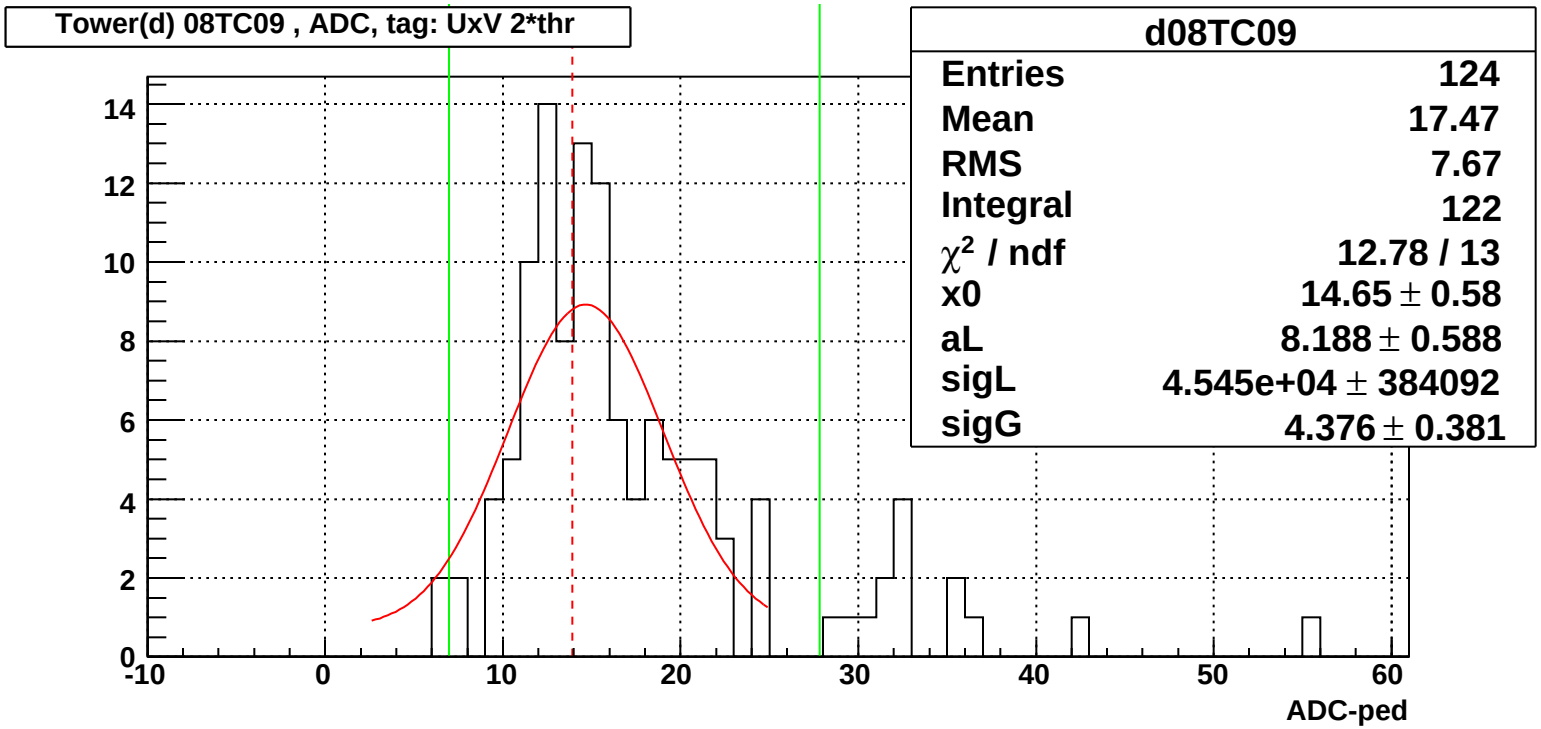

Tower(a) 08TA09 , inclusive ADC
a08TA09
Entries 1793874
Mean -0.02857
RMS 1.563
Integral 1.794e+06
χ² / ndf 1.553e+05 / 7
Constant 1.036e+06 ± 1244
Mean -0.1401 ± 0.0008
Sigma 0.6271 ± 0.0006
ADC-ped

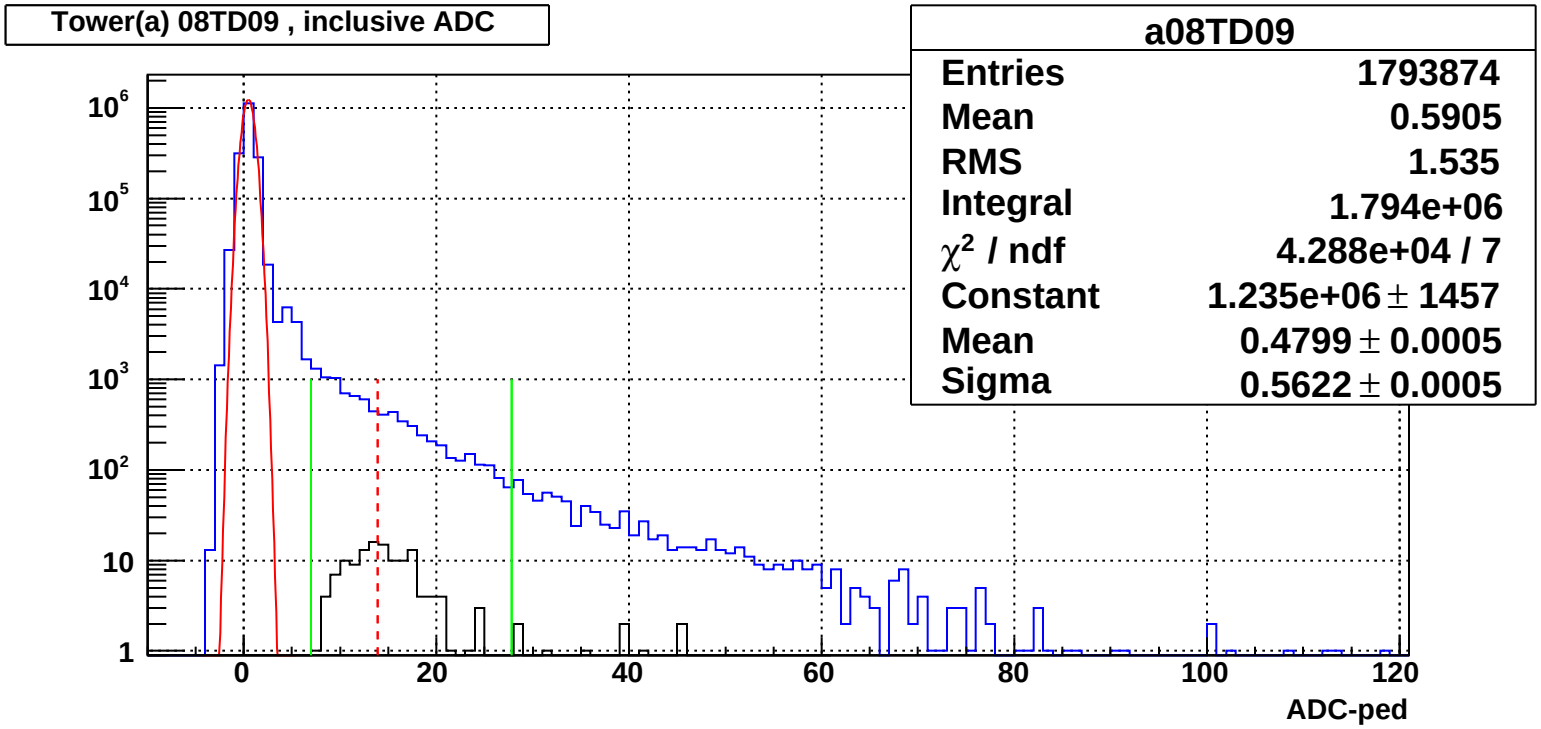

Tower(d) 08TA09 , ADC, tag: UxV 2*thr
d08TA09
Entries 100
Mean 17.53
RMS 5.502
Integral 98
χ² / ndf 21.64 / 18
x0 16.7 ± 0.7
aL 6.133 ± 0.984
sigL 1.563e+05 ± 43570
sigG 4.135 ± 0.680
ADC-ped

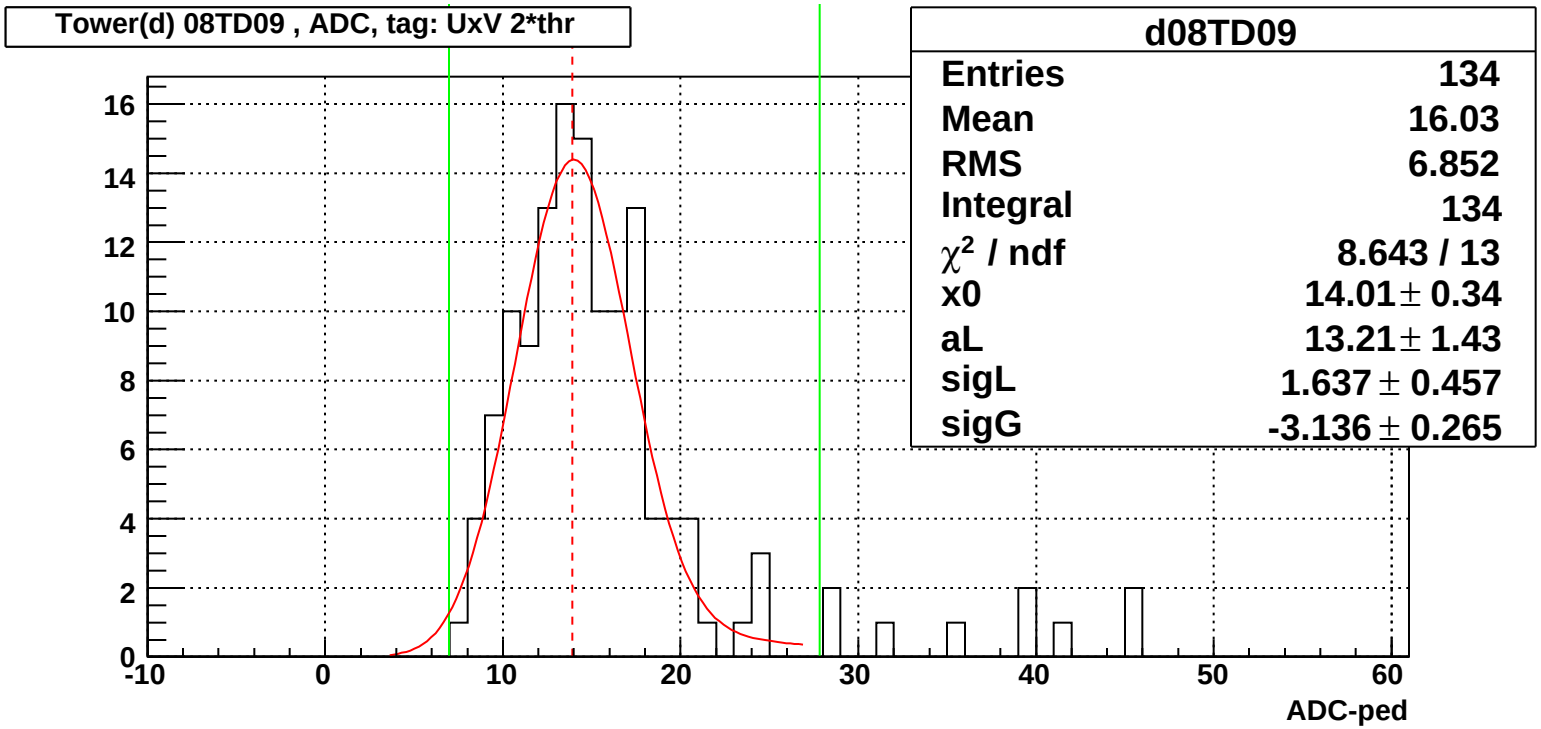

Tower(a) 08TB09 , inclusive ADC
a08TB09
Entries 1793874
Mean 0.1727
RMS 1.423
Integral 1.794e+06
χ² / ndf 1.09e+05 / 7
Constant 1.294e+06 ± 1821
Mean 0.1593 ± 0.0006
Sigma 0.5168 ± 0.0006
ADC-ped

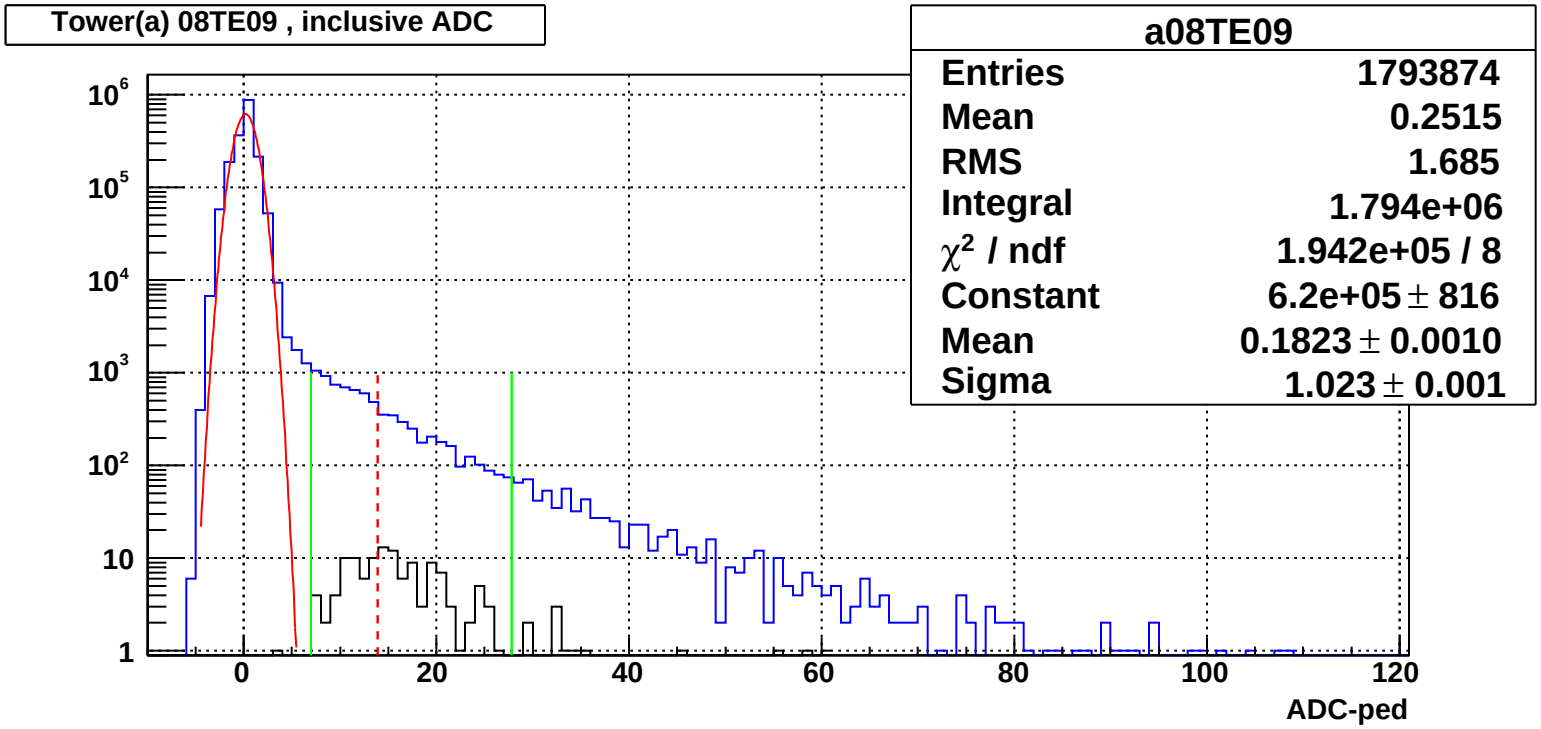

Tower(d) 08TB09 , ADC, tag: UxV 2*thr
d08TB09
Entries 108
Mean 18.3
RMS 9.587
Integral 107
χ² / ndf 28.7 / 11
x0 13.85 ± 0.36
aL 10.3 ± 1.7
sigL 1.662e+04 ± 31788
sigG 1.763 ± 0.238
ADC-ped

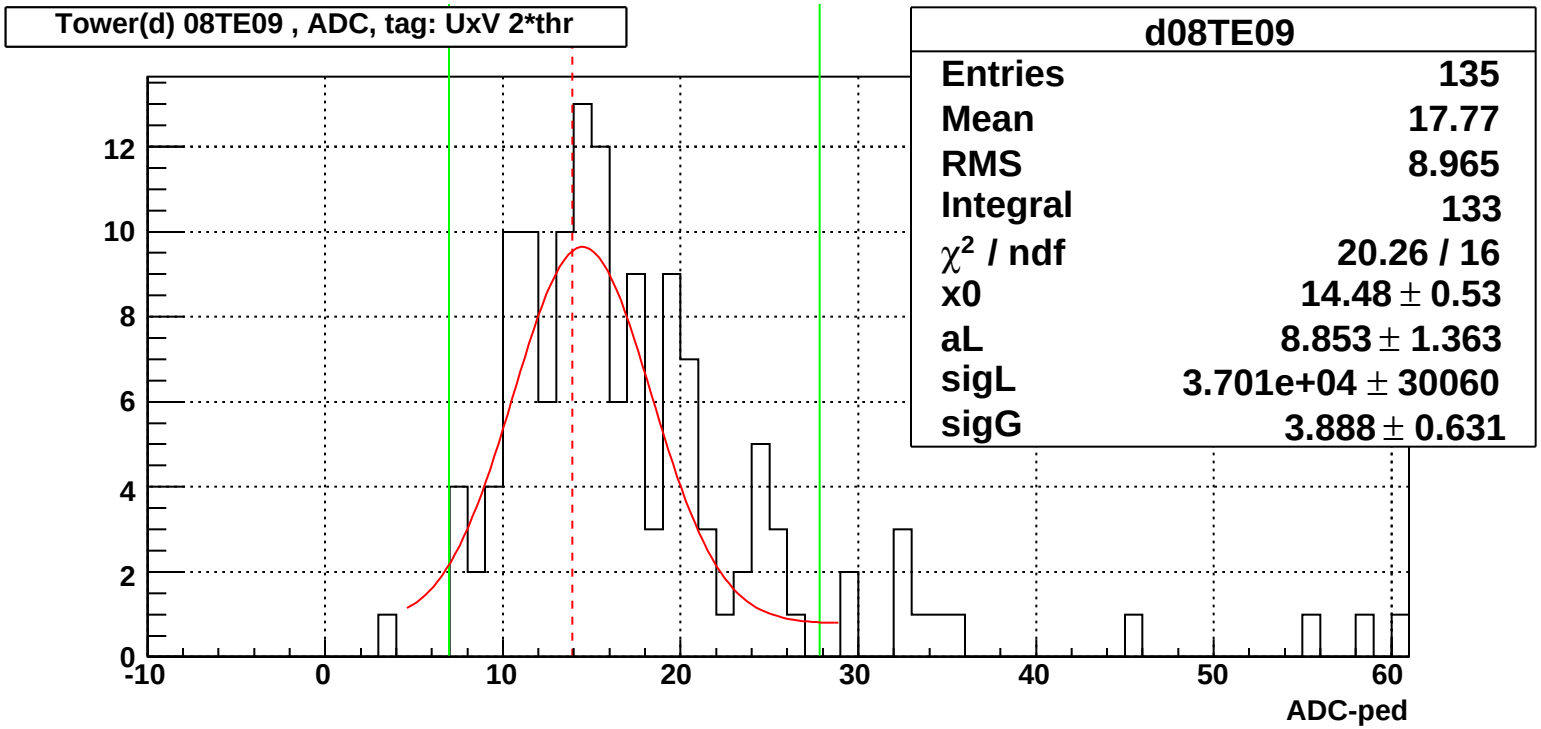

Tower(a) 08TC09 , inclusive ADC
a08TC09
Entries 1793874
Mean 0.4539
RMS 1.514
Integral 1.794e+06
χ² / ndf 4.193e+04 / 7
Constant 1.277e+06 ± 1518
Mean 0.3679 ± 0.0005
Sigma 0.5442 ± 0.0005
ADC-ped

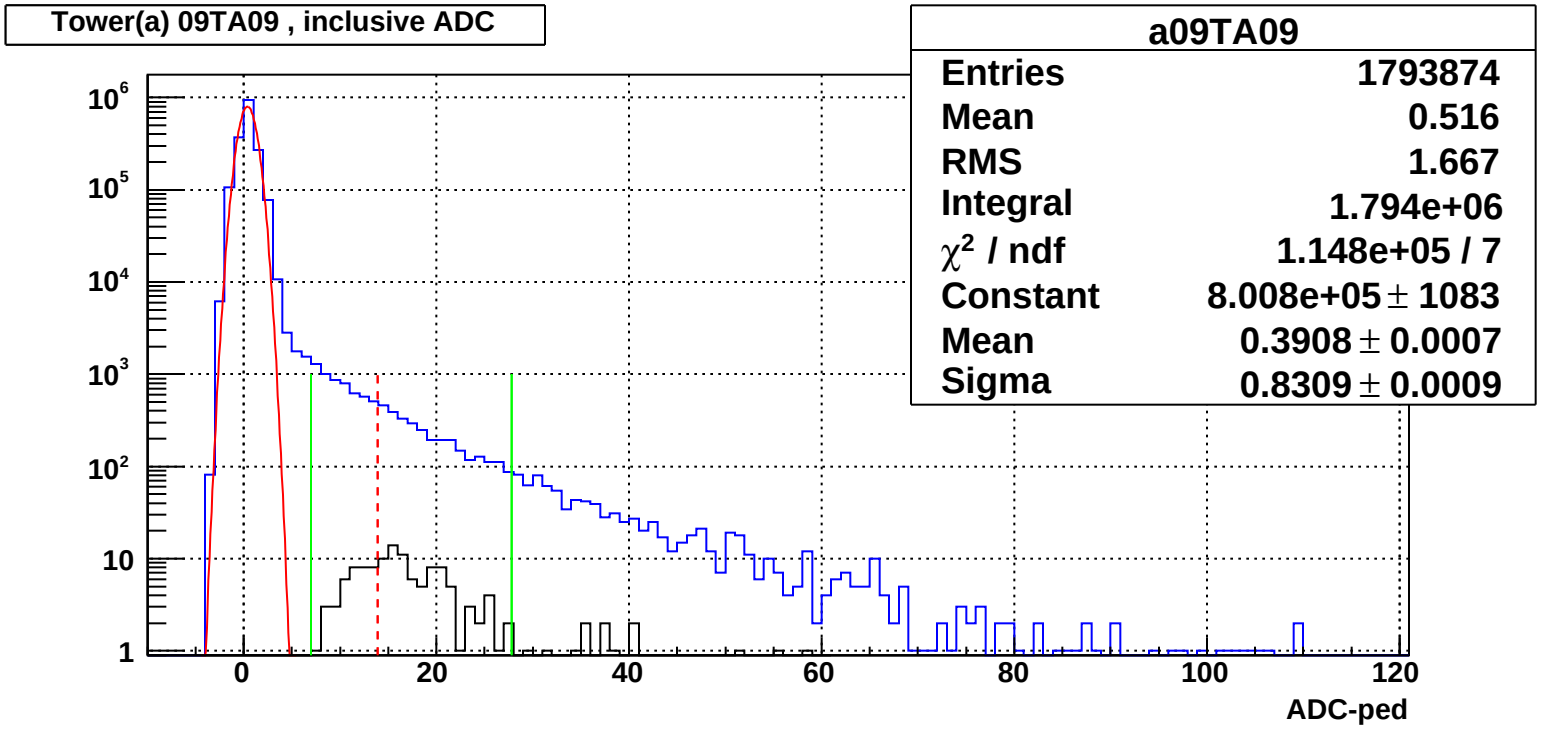

Tower(d) 08TC09 , ADC, tag: UxV 2*thr
d08TC09
Entries 124
Mean 17.47
RMS 7.67
Integral 122
χ² / ndf 12.78 / 13
x0 14.65 ± 0.58
aL 8.188 ± 0.588
sigL 4.545e+04 ± 384092
sigG 4.376 ± 0.381
ADC-ped

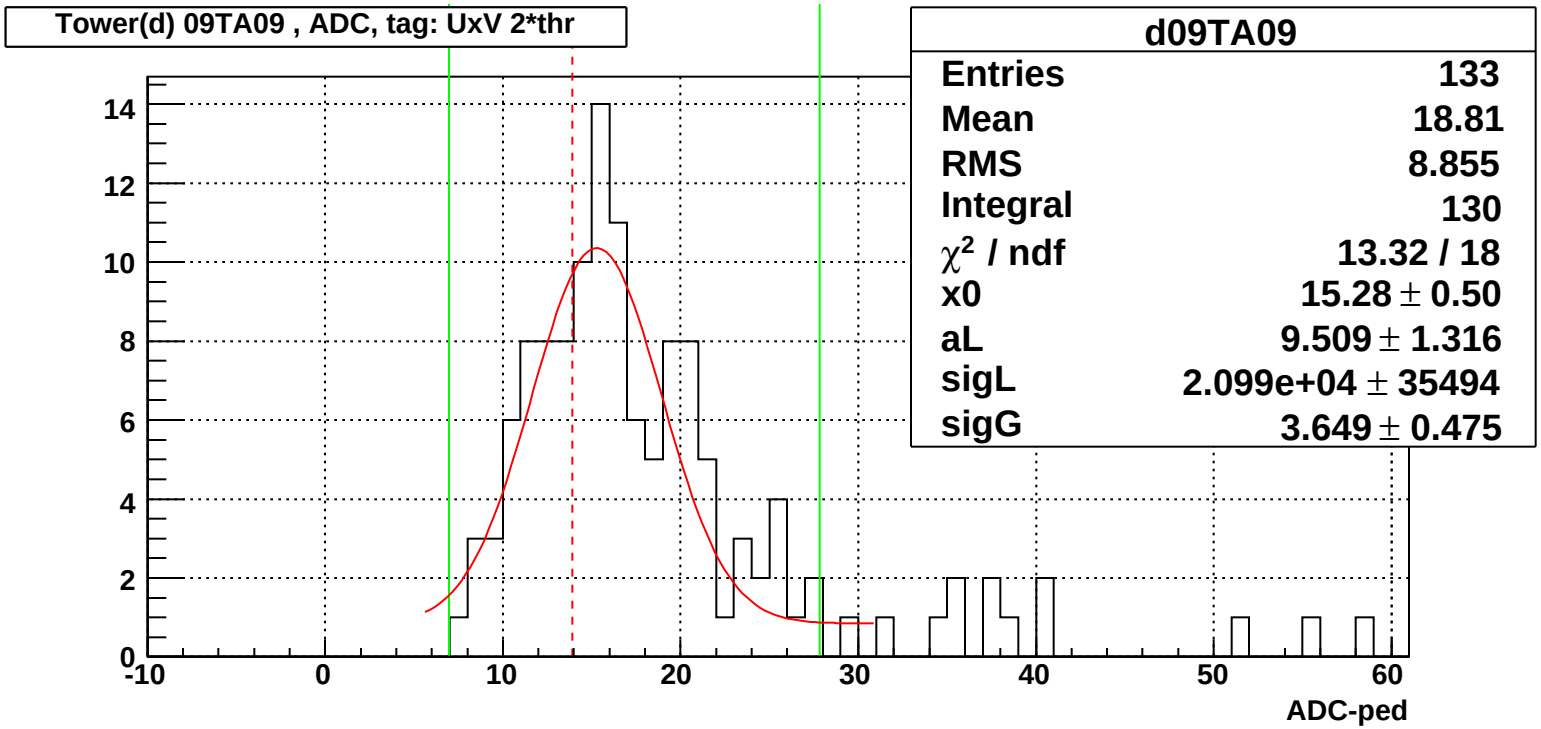

Tower(a) 08TD09 , inclusive ADC
a08TD09
Entries 1793874
Mean 0.5905
RMS 1.535
Integral 1.794e+06
χ² / ndf 4.288e+04 / 7
Constant 1.235e+06 ± 1457
Mean 0.4799 ± 0.0005
Sigma 0.5622 ± 0.0005
ADC-ped

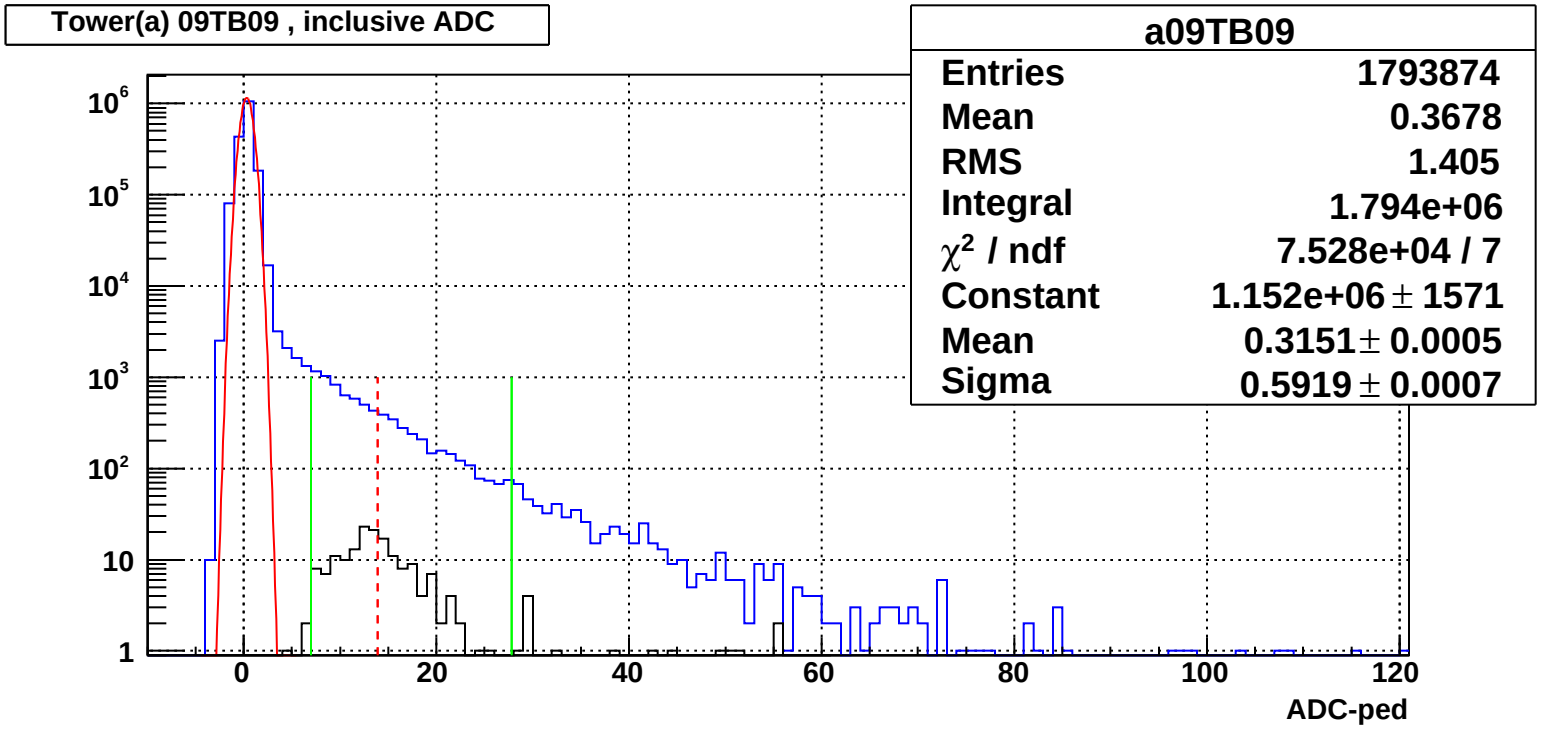

Tower(d) 08TD09 , ADC, tag: UxV 2*thr
d08TD09
Entries 134
Mean 16.03
RMS 6.852
Integral 134
χ² / ndf 8.643 / 13
x0 14.01 ± 0.34
aL 13.21 ± 1.43
sigL 1.637 ± 0.457
sigG -3.136 ± 0.265
ADC-ped

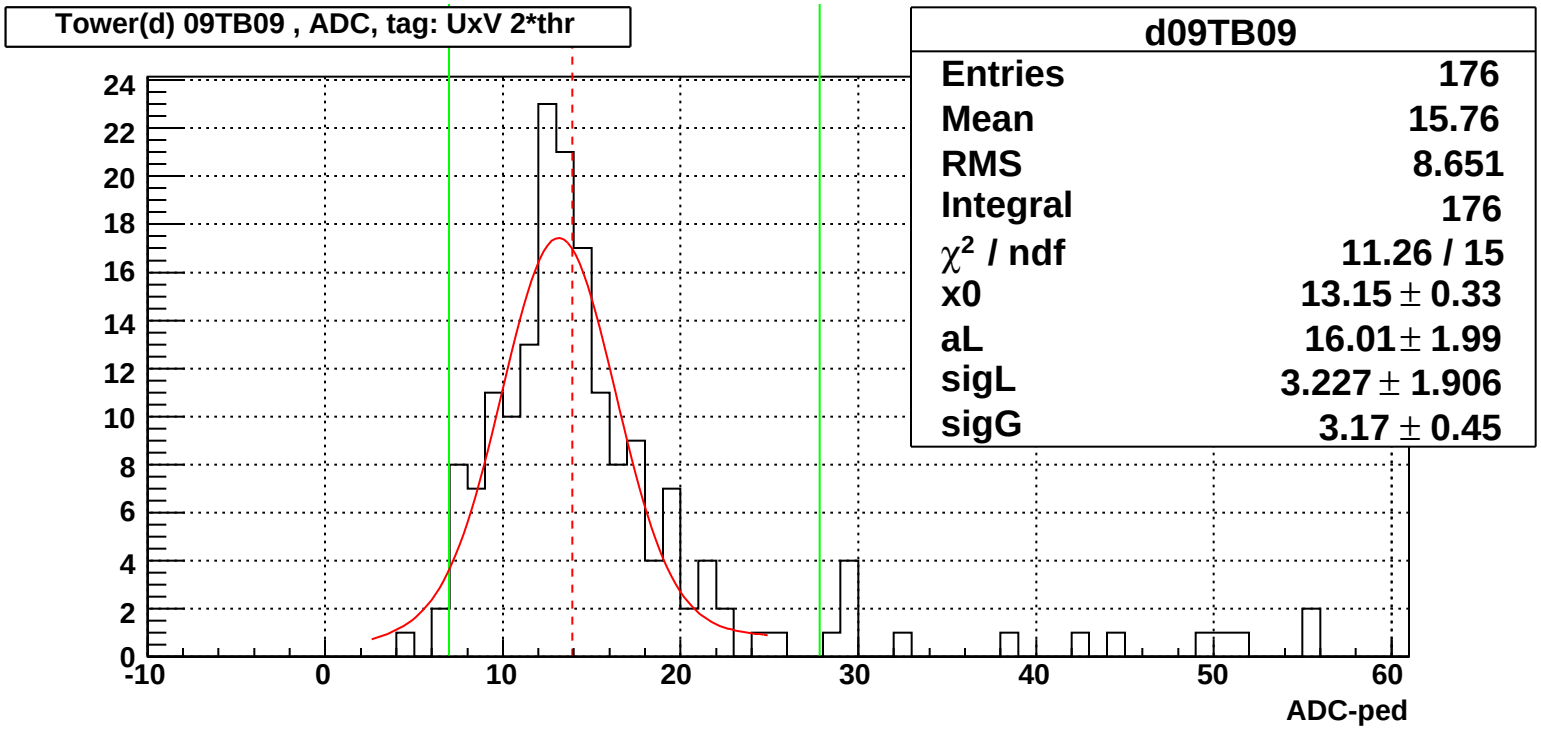

Tower(a) 08TE09 , inclusive ADC
a08TE09
Entries 1793874
Mean 0.2515
RMS 1.685
Integral 1.794e+06
χ² / ndf 1.942e+05 / 8
Constant 6.2e+05 ± 816
Mean 0.1823 ± 0.0010
Sigma 1.023 ± 0.001
ADC-ped

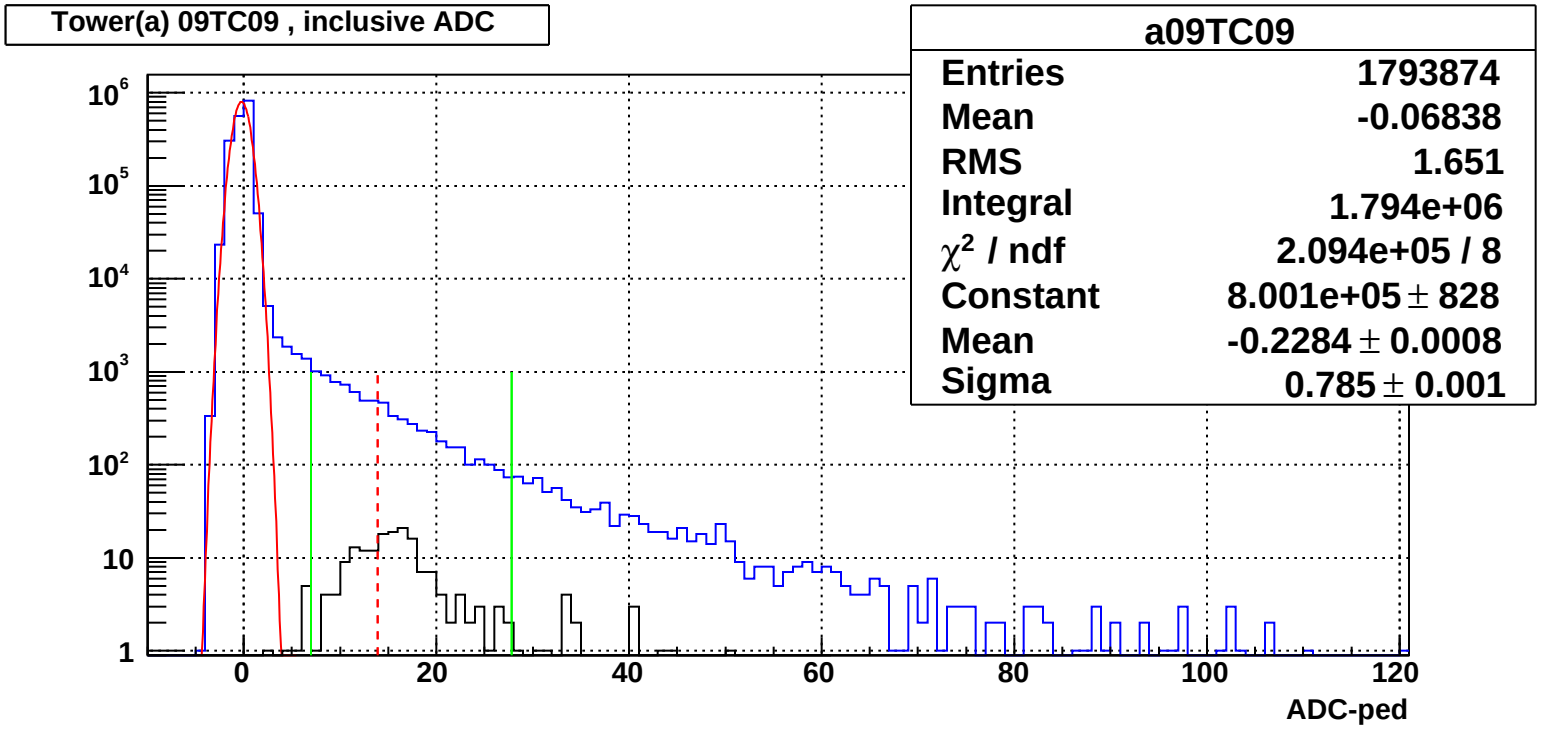

Tower(d) 08TE09 , ADC, tag: UxV 2*thr
d08TE09
Entries 135
Mean 17.77
RMS 8.965
Integral 133
χ² / ndf 20.26 / 16
x0 14.48 ± 0.53
aL 8.853 ± 1.363
sigL 3.701e+04 ± 30060
sigG 3.888 ± 0.631
ADC-ped

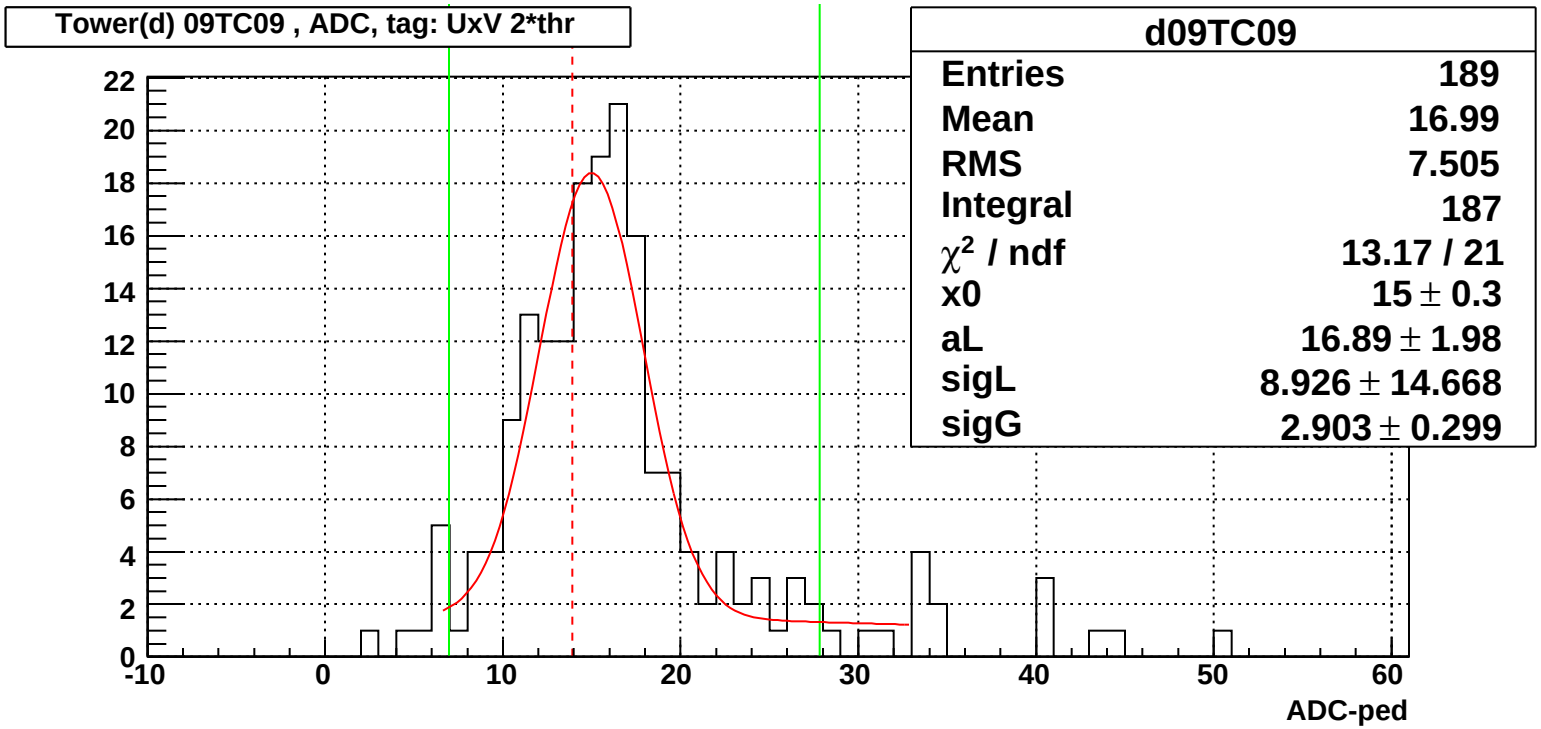

Tower(a) 09TA09 , inclusive ADC
a09TA09
Entries 1793874
Mean 0.516
RMS 1.667
Integral 1.794e+06
χ² / ndf 1.148e+05 / 7
Constant 8.008e+05 ± 1083
Mean 0.3908 ± 0.0007
Sigma 0.8309 ± 0.0009
ADC-ped

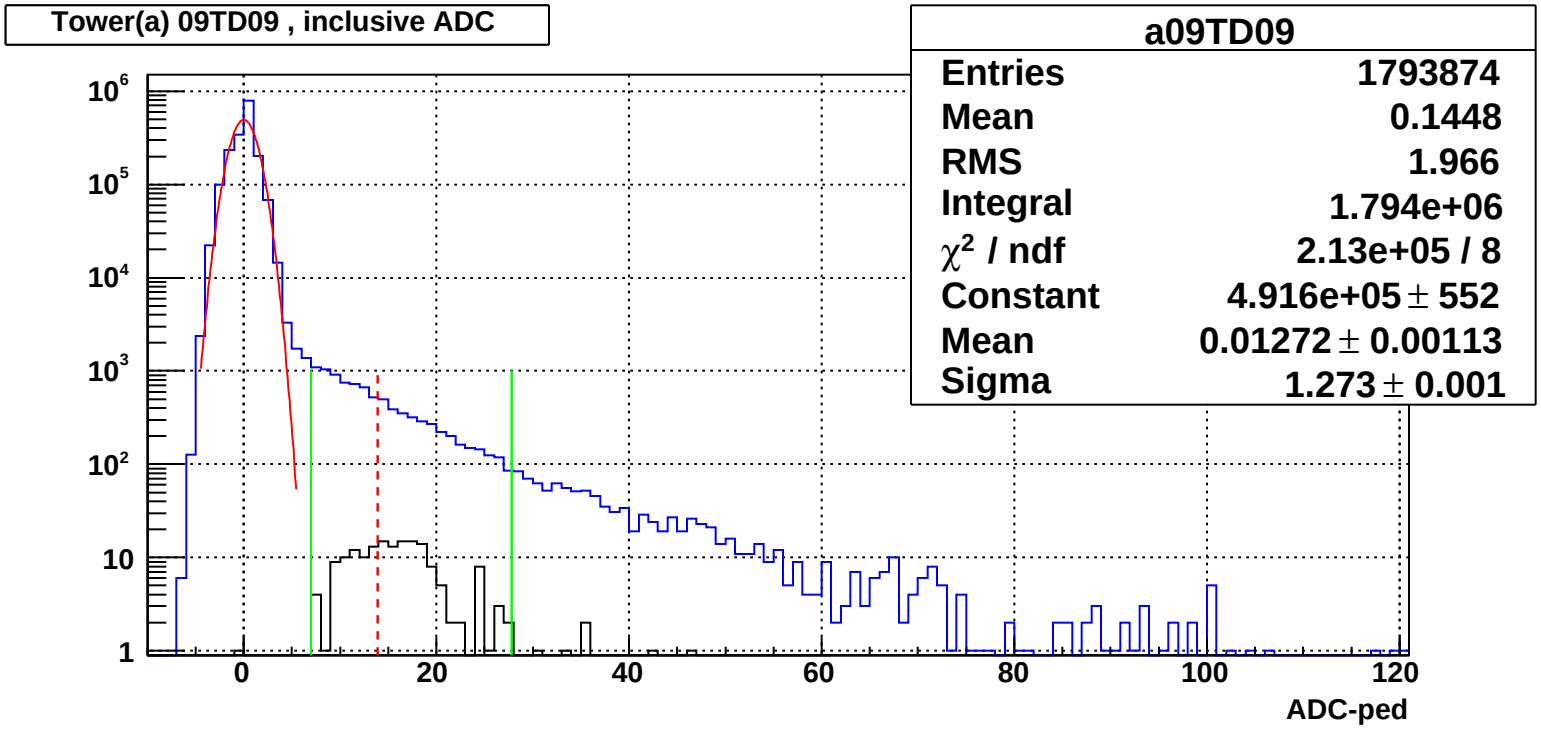

Tower(d) 09TA09 , ADC, tag: UxV 2*thr
d09TA09
Entries 133
Mean 18.81
RMS 8.855
Integral 130
χ² / ndf 13.32 / 18
x0 15.28 ± 0.50
aL 9.509 ± 1.316
sigL 2.099e+04 ± 35494
sigG 3.649 ± 0.475
ADC-ped

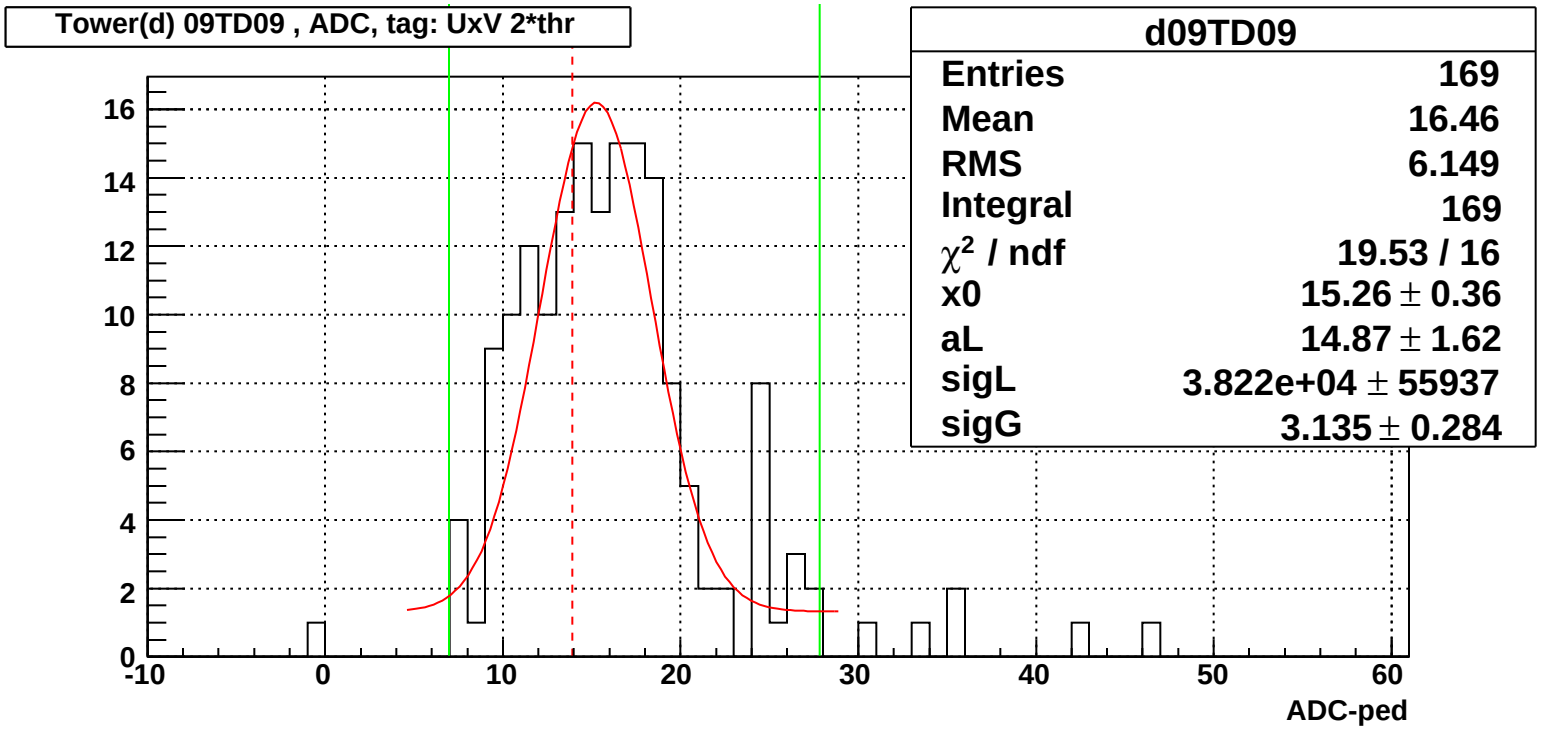

Tower(a) 09TB09 , inclusive ADC
a09TB09
Entries 1793874
Mean 0.3678
RMS 1.405
Integral 1.794e+06
χ² / ndf 7.528e+04 / 7
Constant 1.152e+06 ± 1571
Mean 0.3151 ± 0.0005
Sigma 0.5919 ± 0.0007
ADC-ped

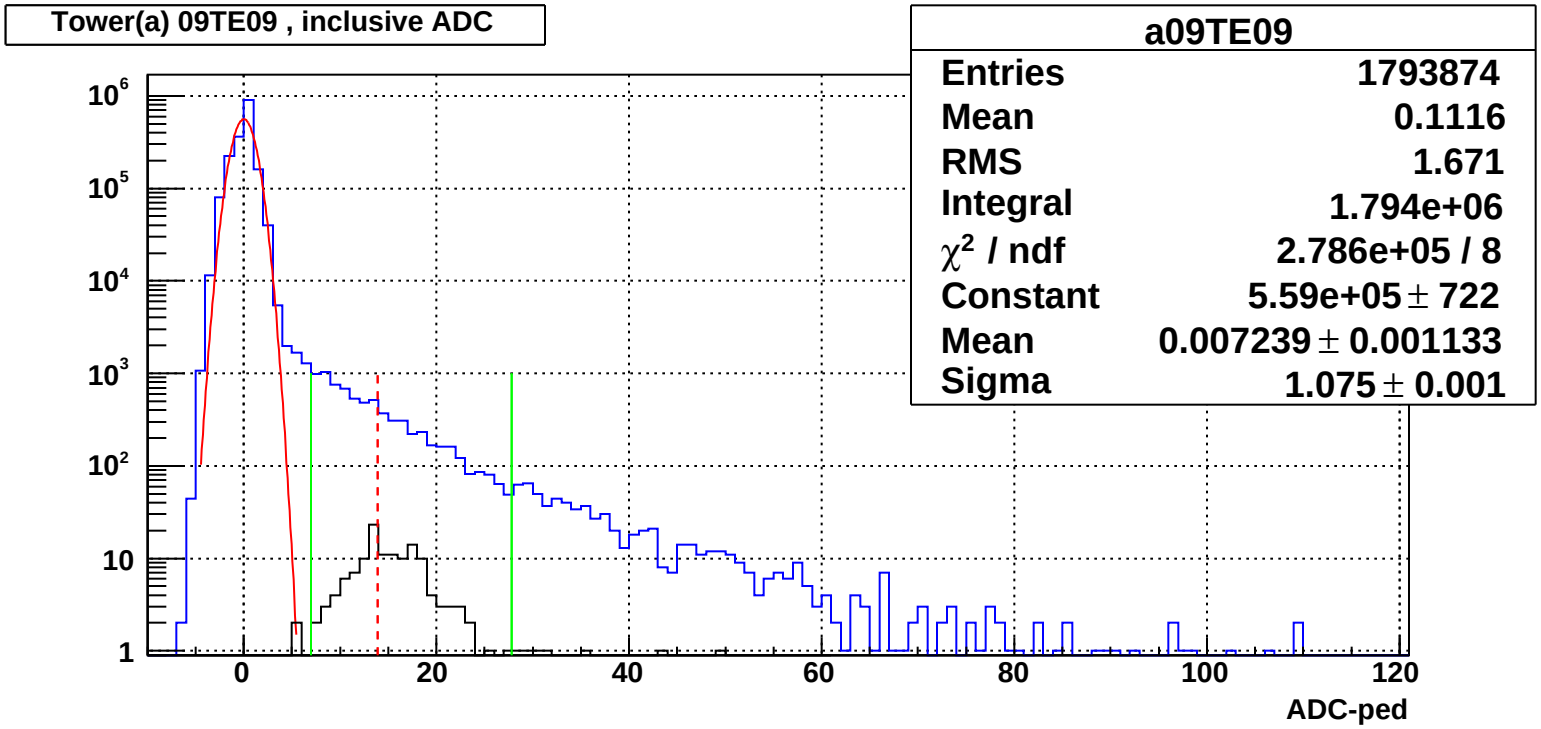

Tower(d) 09TB09 , ADC, tag: UxV 2*thr
d09TB09
Entries 176
Mean 15.76
RMS 8.651
Integral 176
χ² / ndf 11.26 / 15
x0 13.15 ± 0.33
aL 16.01 ± 1.99
sigL 3.227 ± 1.906
sigG 3.17 ± 0.45
ADC-ped

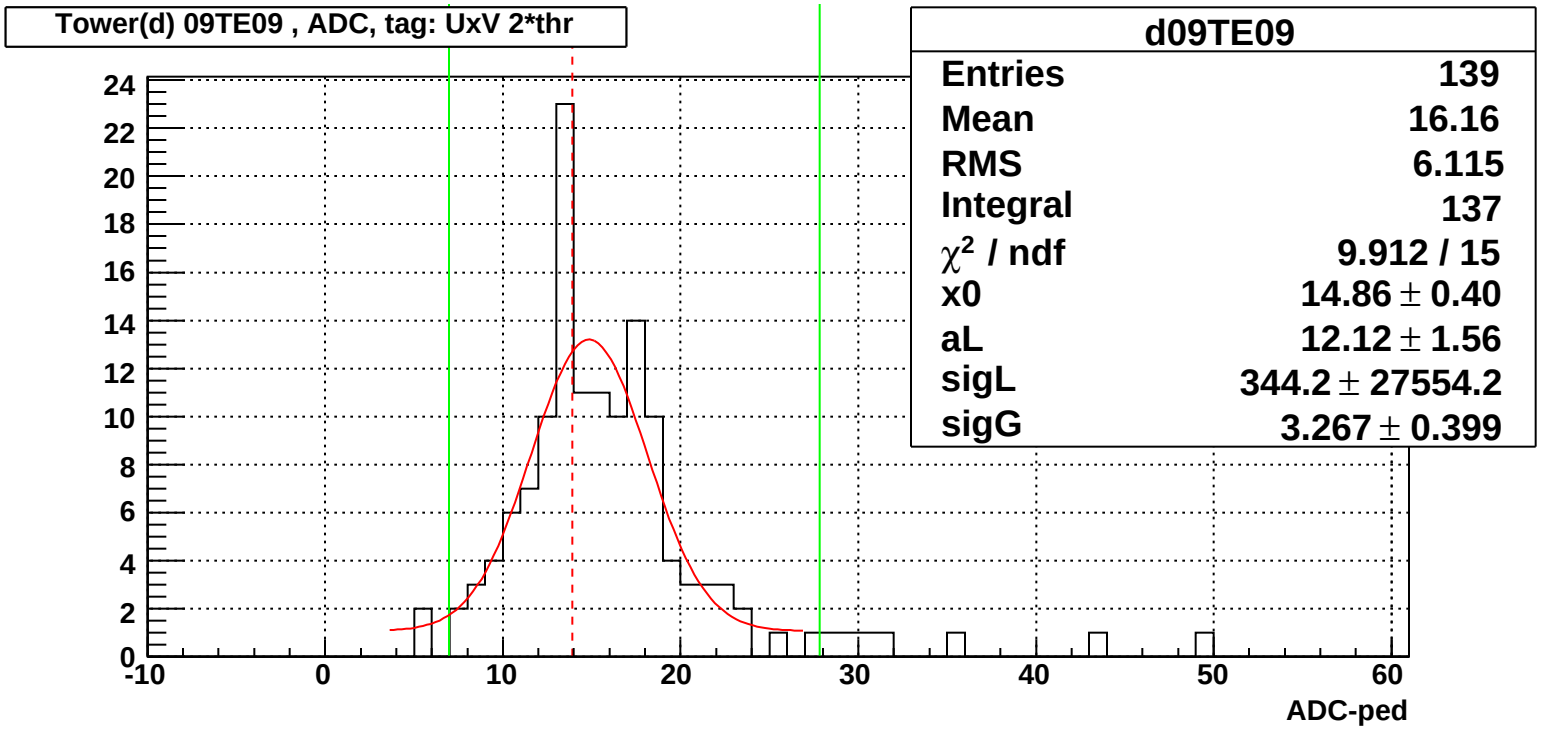

Tower(a) 09TC09 , inclusive ADC
a09TC09
Entries 1793874
Mean -0.06838
RMS 1.651
Integral 1.794e+06
χ² / ndf 2.094e+05 / 8
Constant 8.001e+05 ± 828
Mean -0.2284 ± 0.0008
Sigma 0.785 ± 0.001
ADC-ped

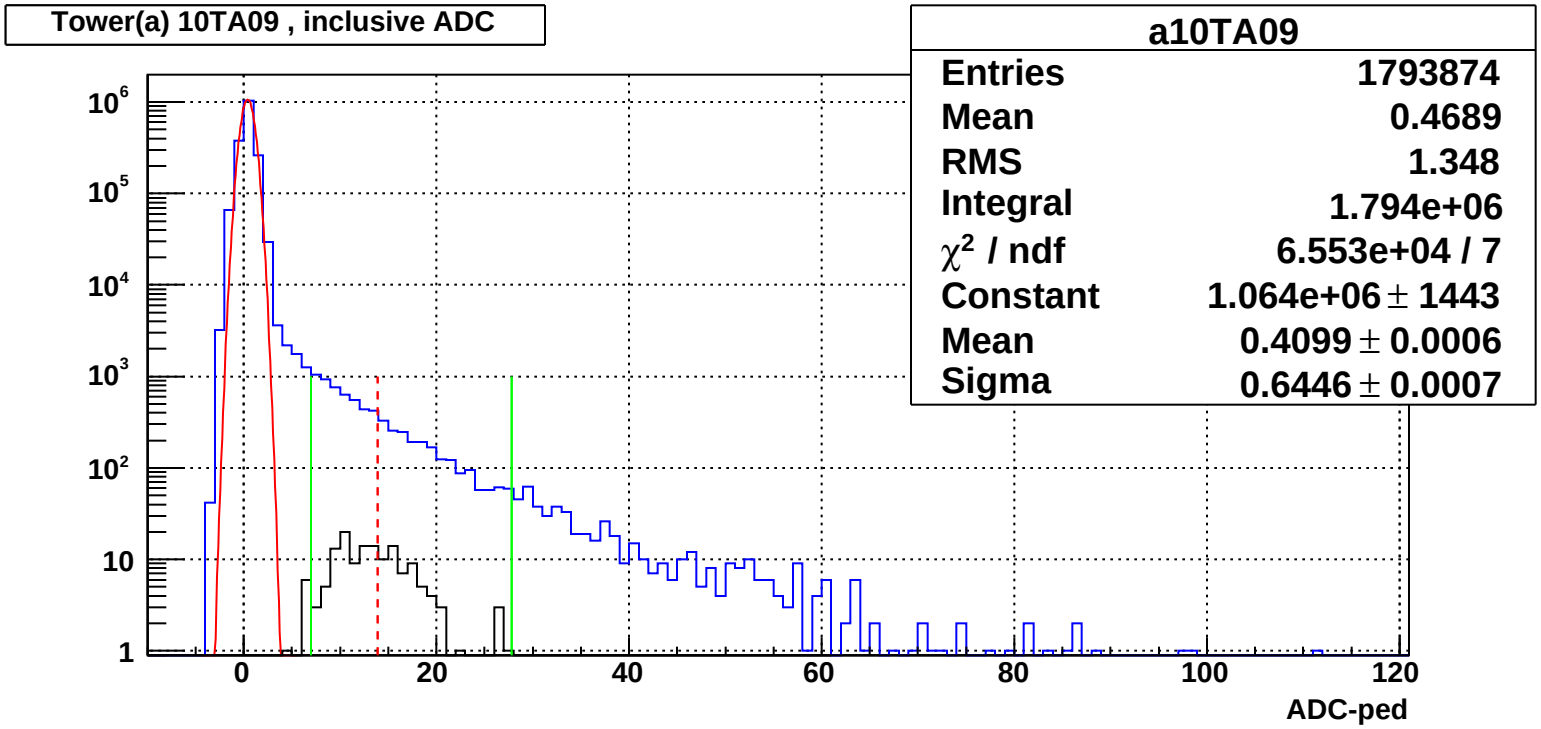

Tower(d) 09TC09 , ADC, tag: UxV 2*thr
d09TC09
Entries 189
Mean 16.99
RMS 7.505
Integral 187
χ² / ndf 13.17 / 21
x0 15 ± 0.3
aL 16.89 ± 1.98
sigL 8.926 ± 14.668
sigG 2.903 ± 0.299
ADC-ped

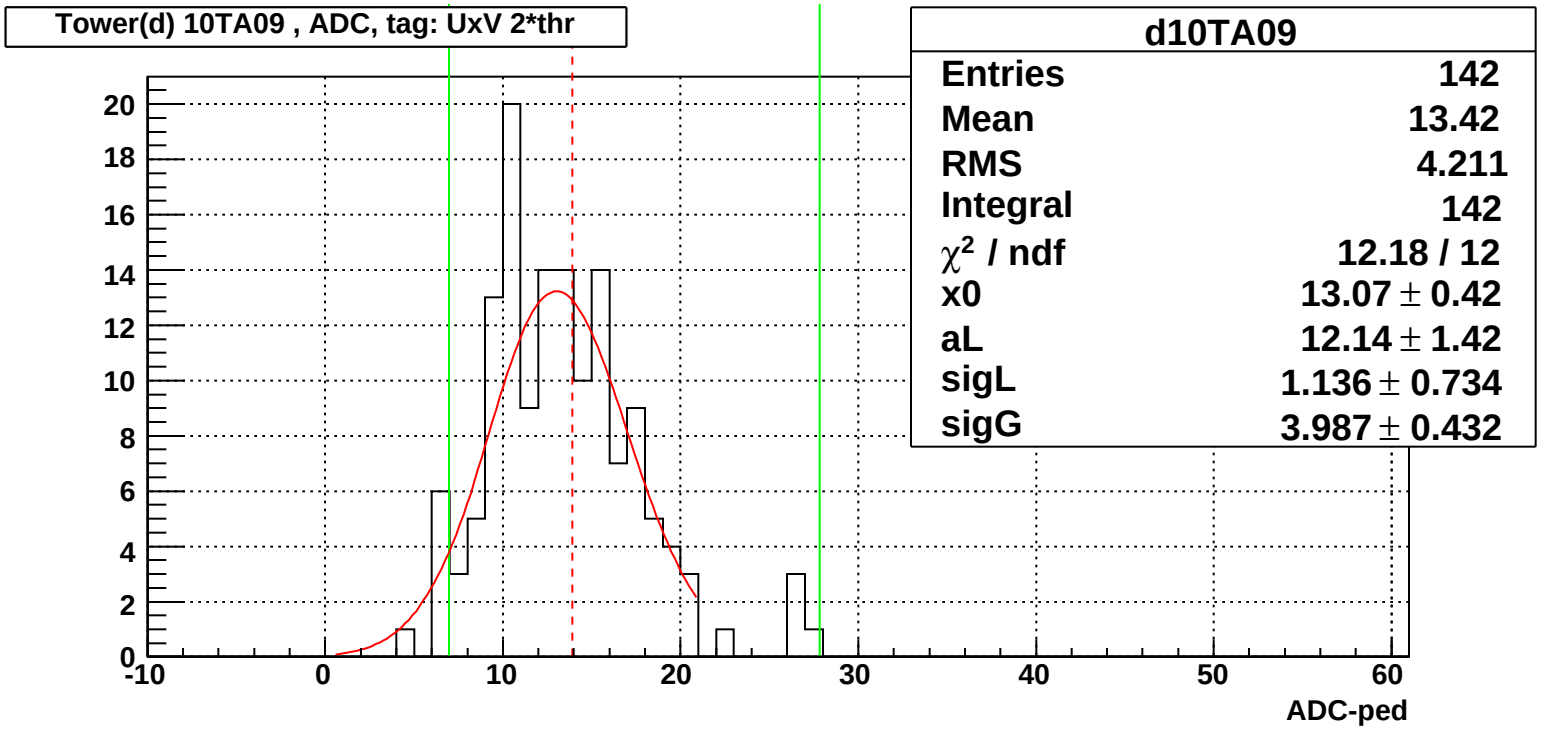

Tower(a) 09TD09 , inclusive ADC
a09TD09
Entries 1793874
Mean 0.1448
RMS 1.966
Integral 1.794e+06
χ² / ndf 2.13e+05 / 8
Constant 4.916e+05 ± 552
Mean 0.01272 ± 0.00113
Sigma 1.273 ± 0.001
ADC-ped

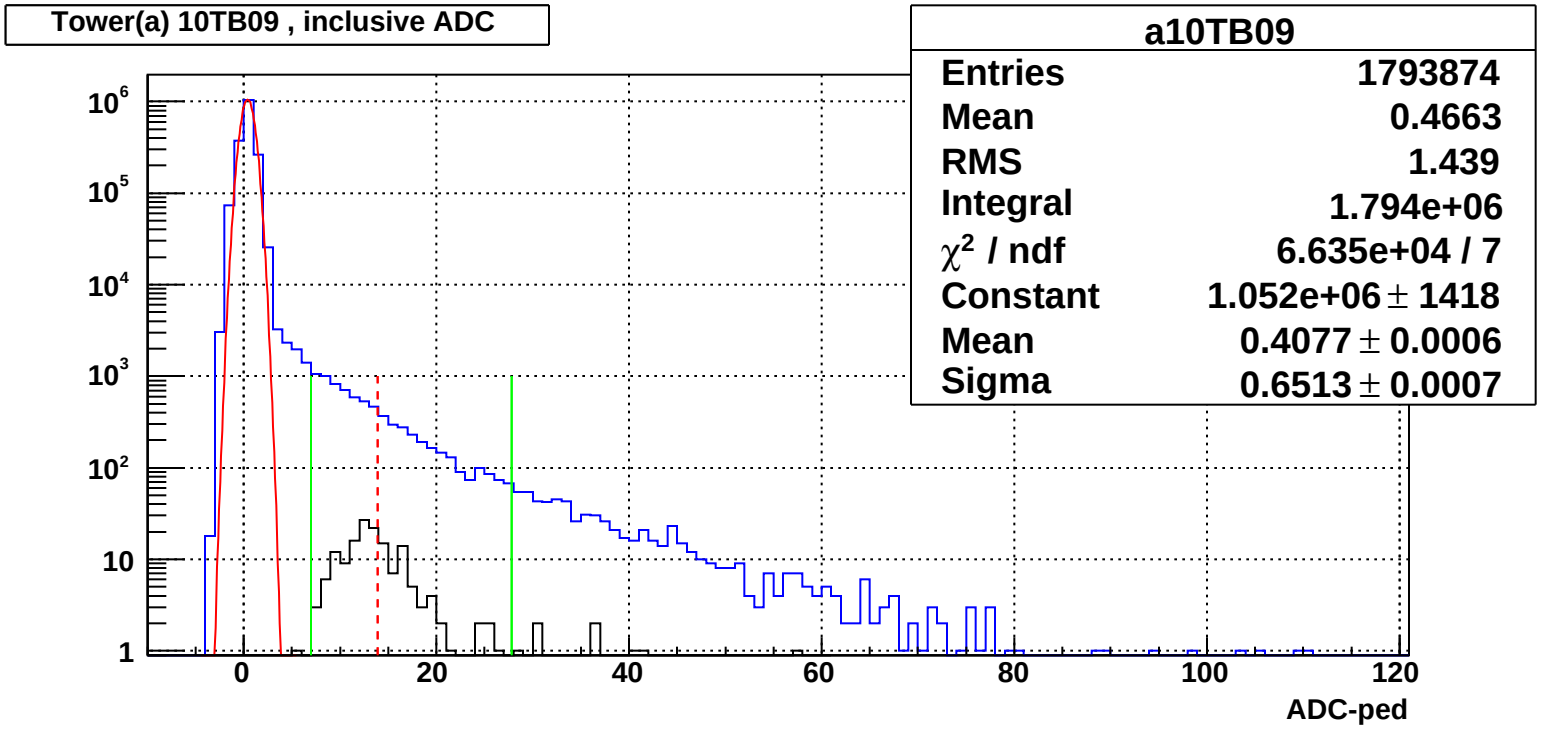

Tower(d) 09TD09 , ADC, tag: UxV 2*thr
d09TD09
Entries 169
Mean 16.46
RMS 6.149
Integral 169
χ² / ndf 19.53 / 16
x0 15.26 ± 0.36
aL 14.87 ± 1.62
sigL 3.822e+04 ± 55937
sigG 3.135 ± 0.284
ADC-ped

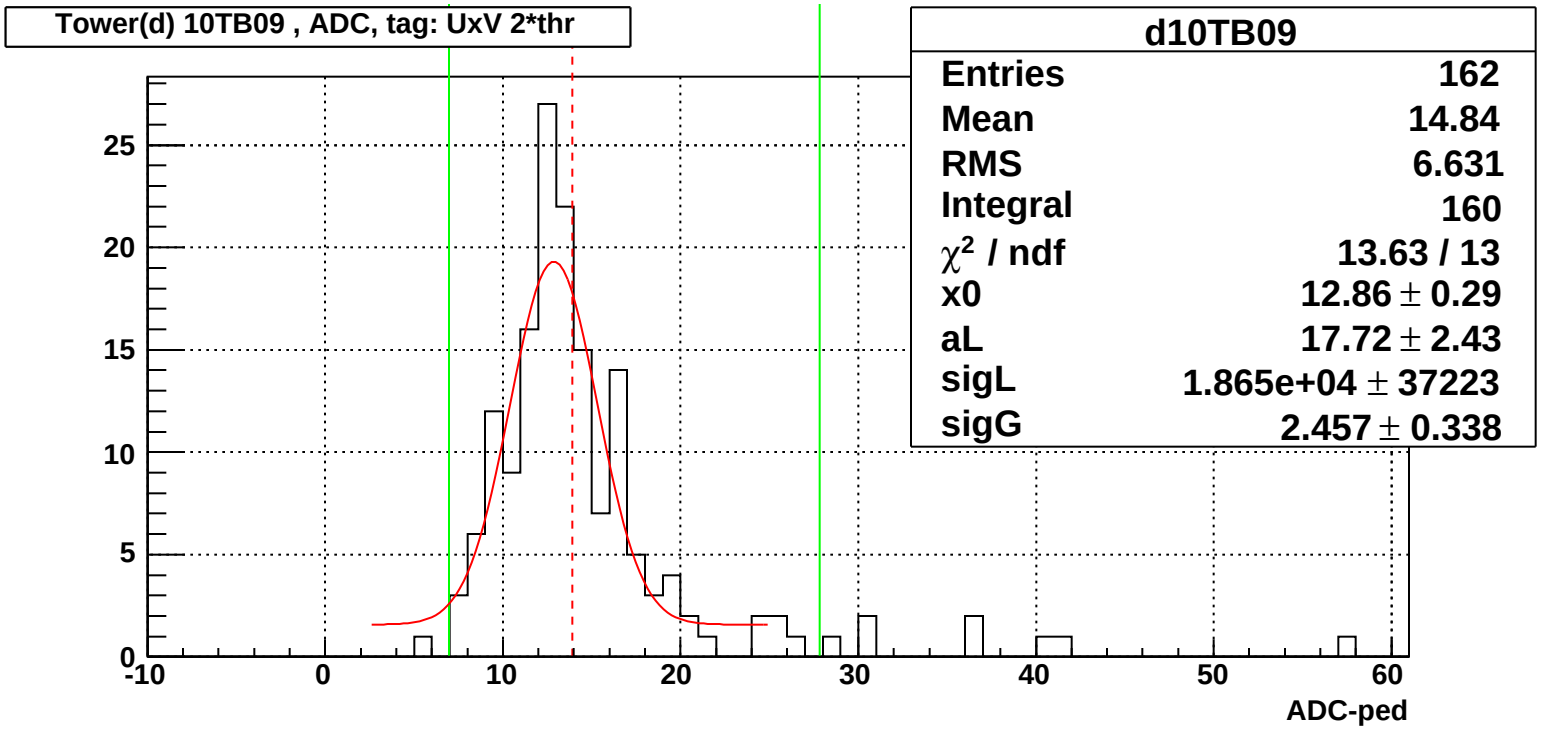

Tower(a) 09TE09 , inclusive ADC
a09TE09
Entries 1793874
Mean 0.1116
RMS 1.671
Integral 1.794e+06
χ² / ndf 2.786e+05 / 8
Constant 5.59e+05 ± 722
Mean 0.007239 ± 0.001133
Sigma 1.075 ± 0.001
ADC-ped

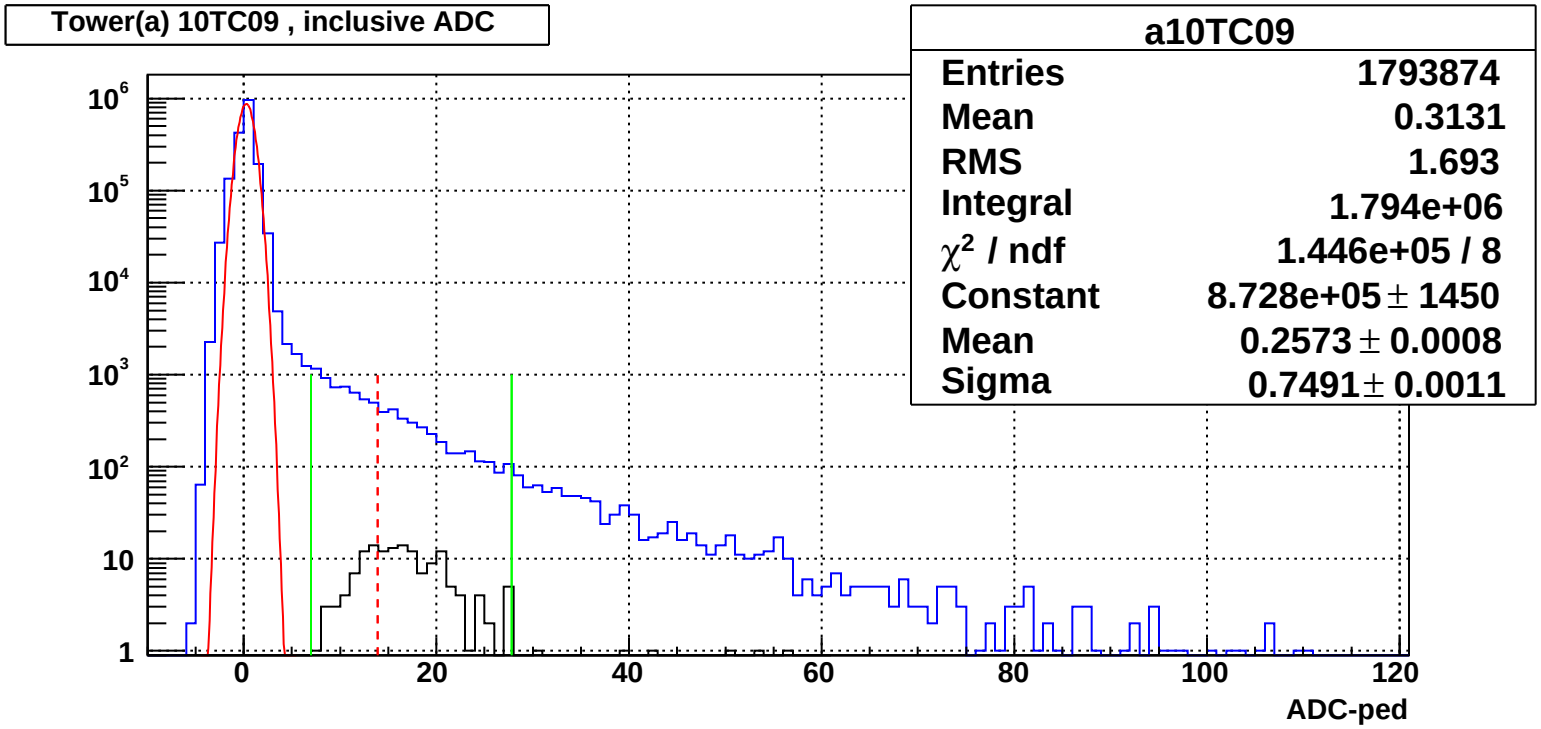

Tower(d) 09TE09 , ADC, tag: UxV 2*thr
d09TE09
Entries 139
Mean 16.16
RMS 6.115
Integral 137
χ² / ndf 9.912 / 15
x0 14.86 ± 0.40
aL 12.12 ± 1.56
sigL 344.2 ± 27554.2
sigG 3.267 ± 0.399
ADC-ped

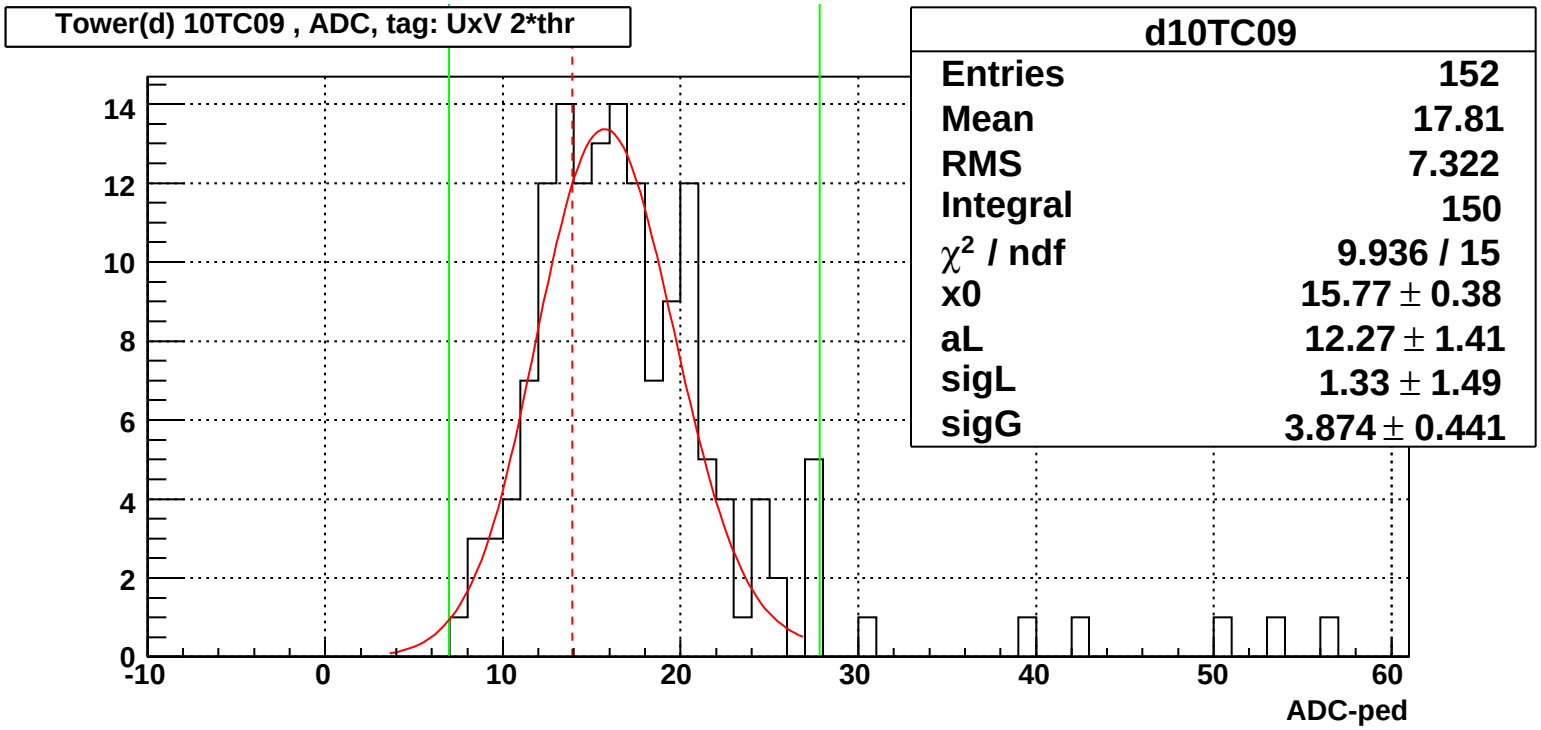

Tower(a) 10TA09 , inclusive ADC
a10TA09
Entries 1793874
Mean 0.4689
RMS 1.348
Integral 1.794e+06
χ² / ndf 6.553e+04 / 7
Constant 1.064e+06 ± 1443
Mean 0.4099 ± 0.0006
Sigma 0.6446 ± 0.0007
ADC-ped

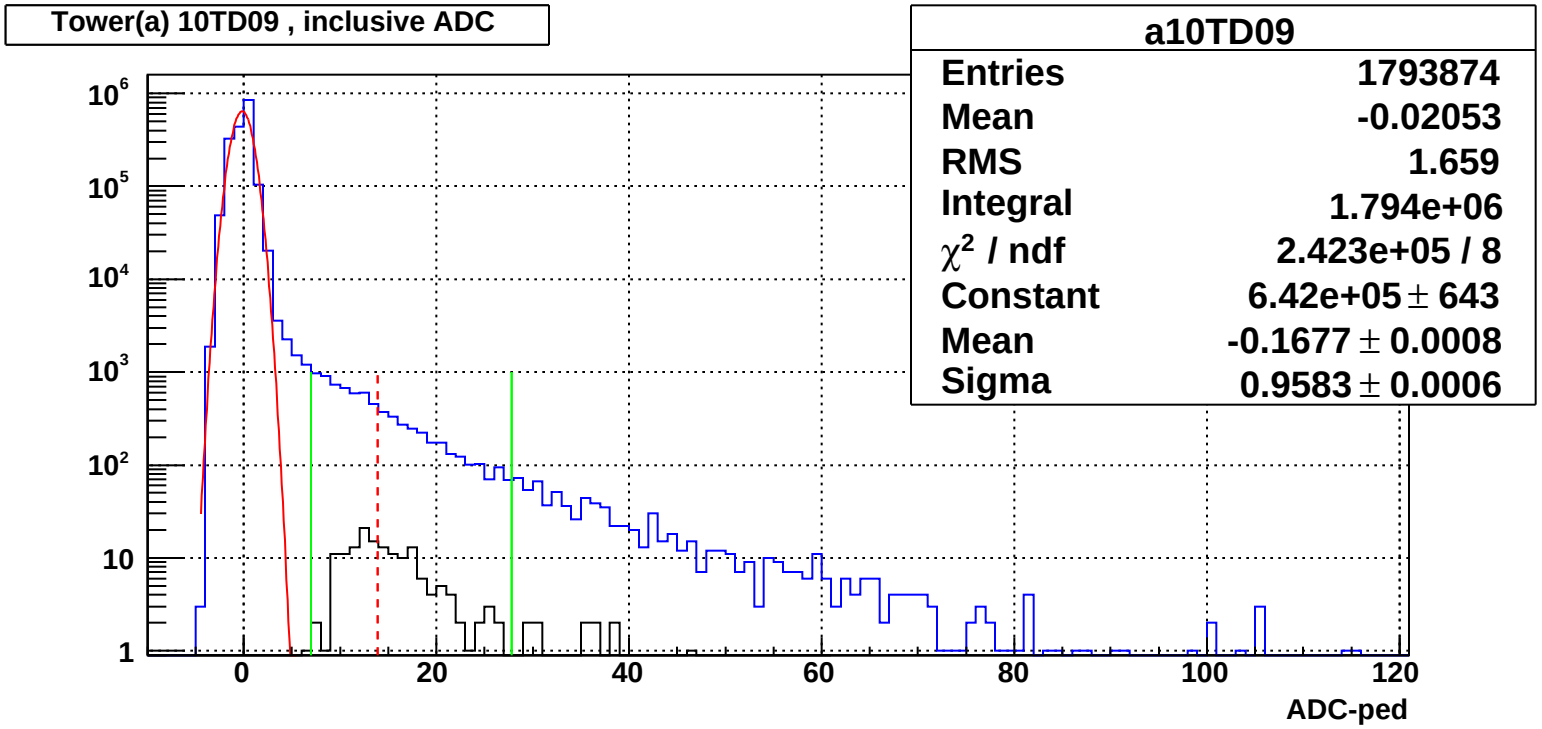

Tower(d) 10TA09 , ADC, tag: UxV 2*thr
d10TA09
Entries 142
Mean 13.42
RMS 4.211
Integral 142
χ² / ndf 12.18 / 12
x0 13.07 ± 0.42
aL 12.14 ± 1.42
sigL 1.136 ± 0.734
sigG 3.987 ± 0.432
ADC-ped

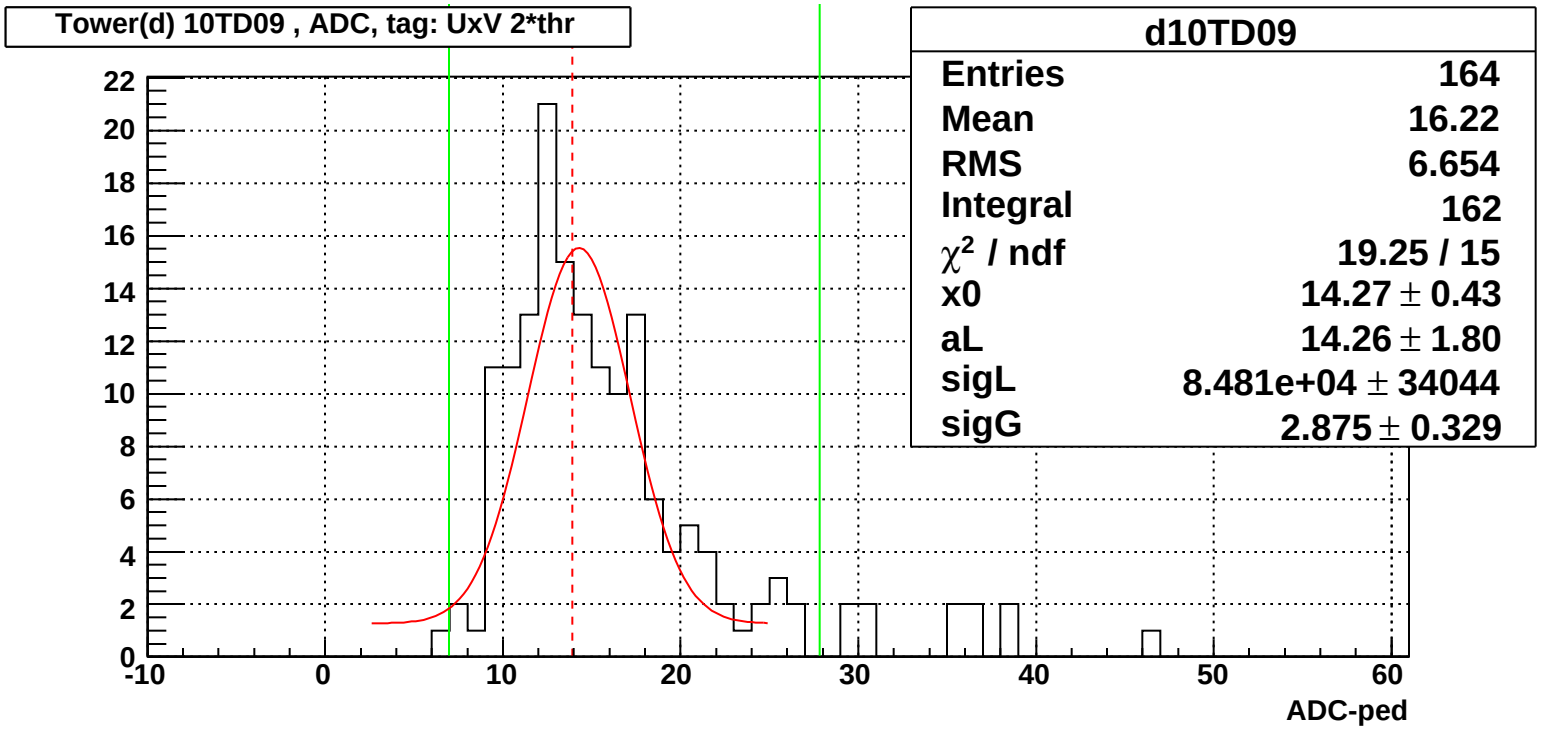

Tower(a) 10TB09 , inclusive ADC
a10TB09
Entries 1793874
Mean 0.4663
RMS 1.439
Integral 1.794e+06
χ² / ndf 6.635e+04 / 7
Constant 1.052e+06 ± 1418
Mean 0.4077 ± 0.0006
Sigma 0.6513 ± 0.0007
ADC-ped

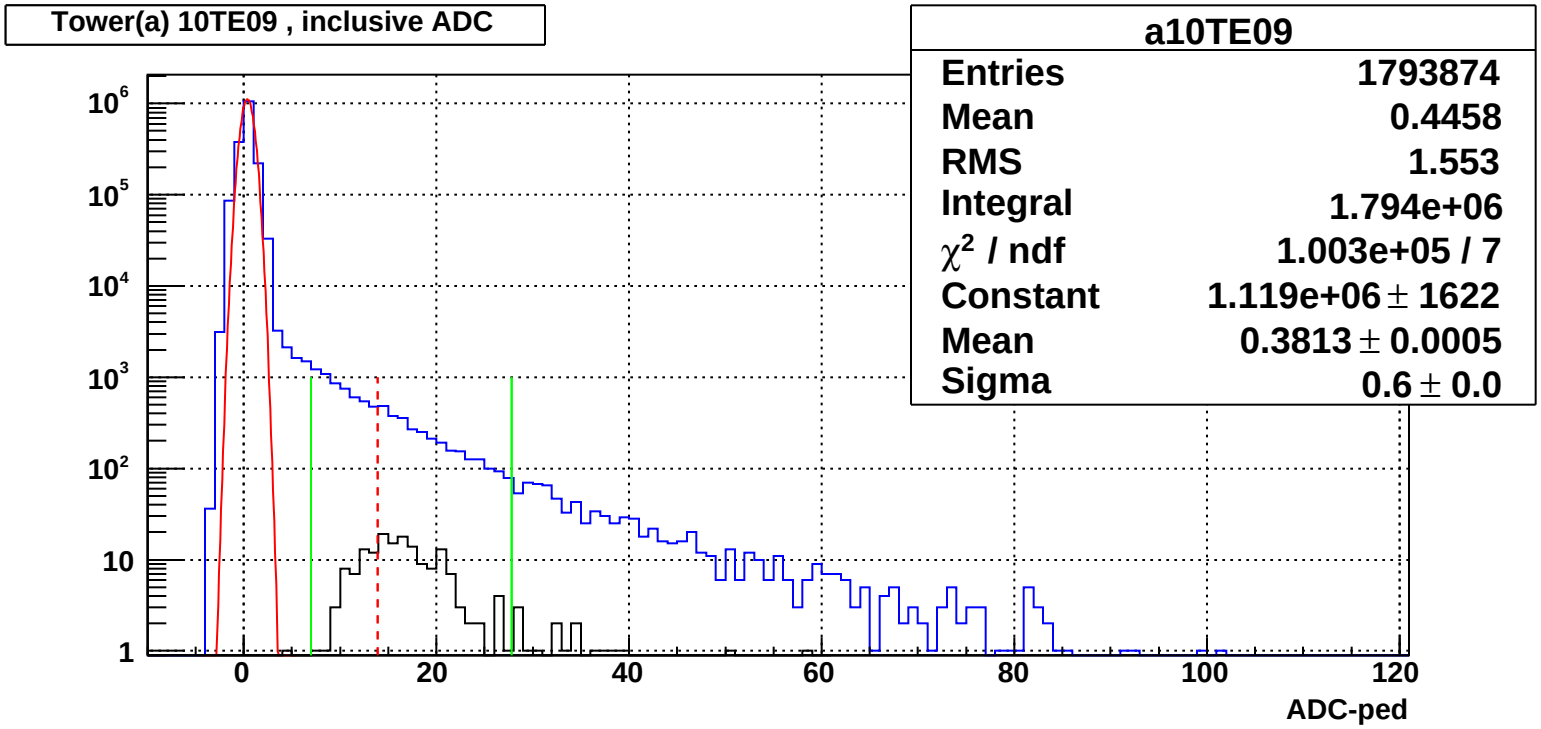

Tower(d) 10TB09 , ADC, tag: UxV 2*thr
d10TB09
Entries 162
Mean 14.84
RMS 6.631
Integral 160
χ² / ndf 13.63 / 13
x0 12.86 ± 0.29
aL 17.72 ± 2.43
sigL 1.865e+04 ± 37223
sigG 2.457 ± 0.338
ADC-ped

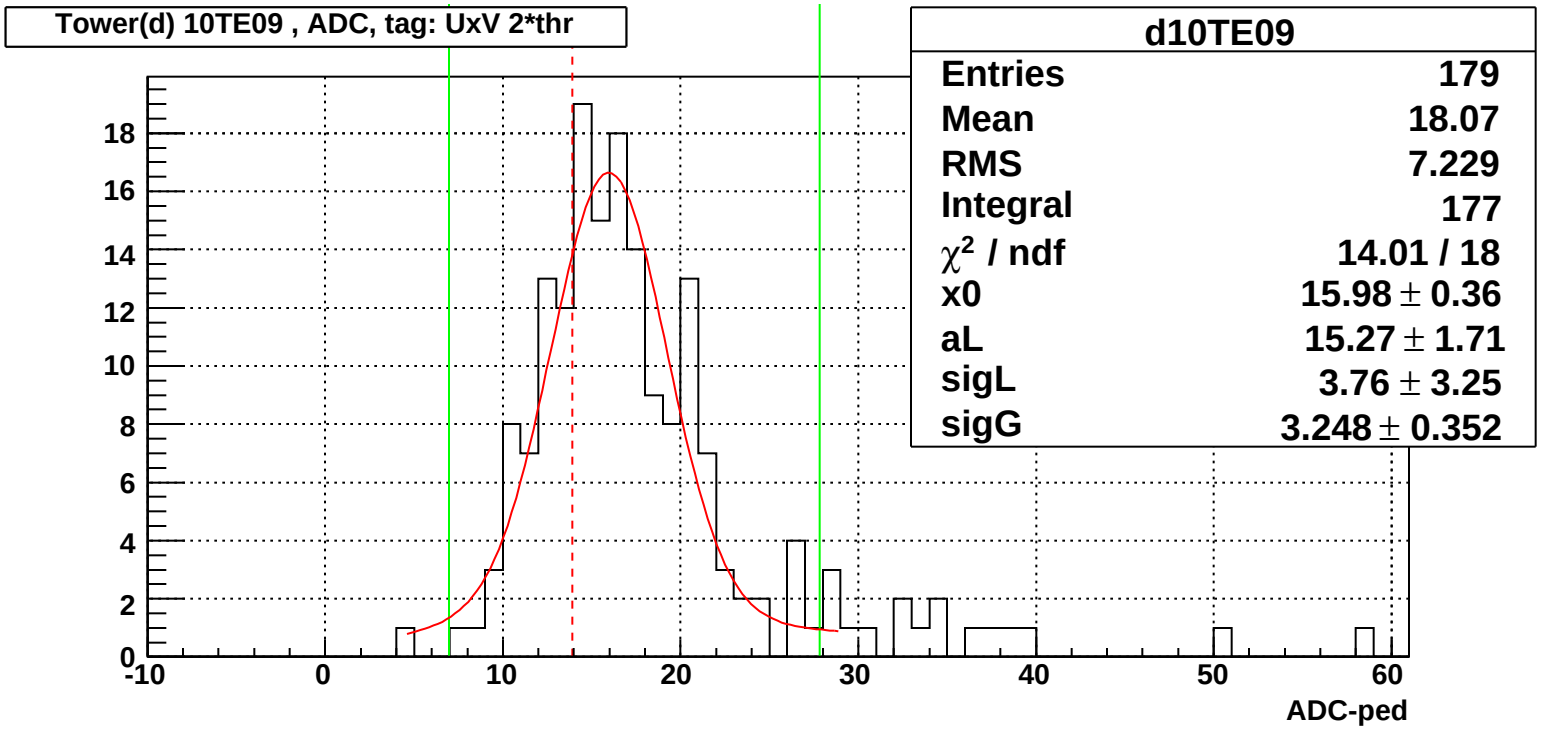

Tower(a) 10TC09 , inclusive ADC
a10TC09
Entries 1793874
Mean 0.3131
RMS 1.693
Integral 1.794e+06
χ² / ndf 1.446e+05 / 8
Constant 8.728e+05 ± 1450
Mean 0.2573 ± 0.0008
Sigma 0.7491 ± 0.0011
ADC-ped

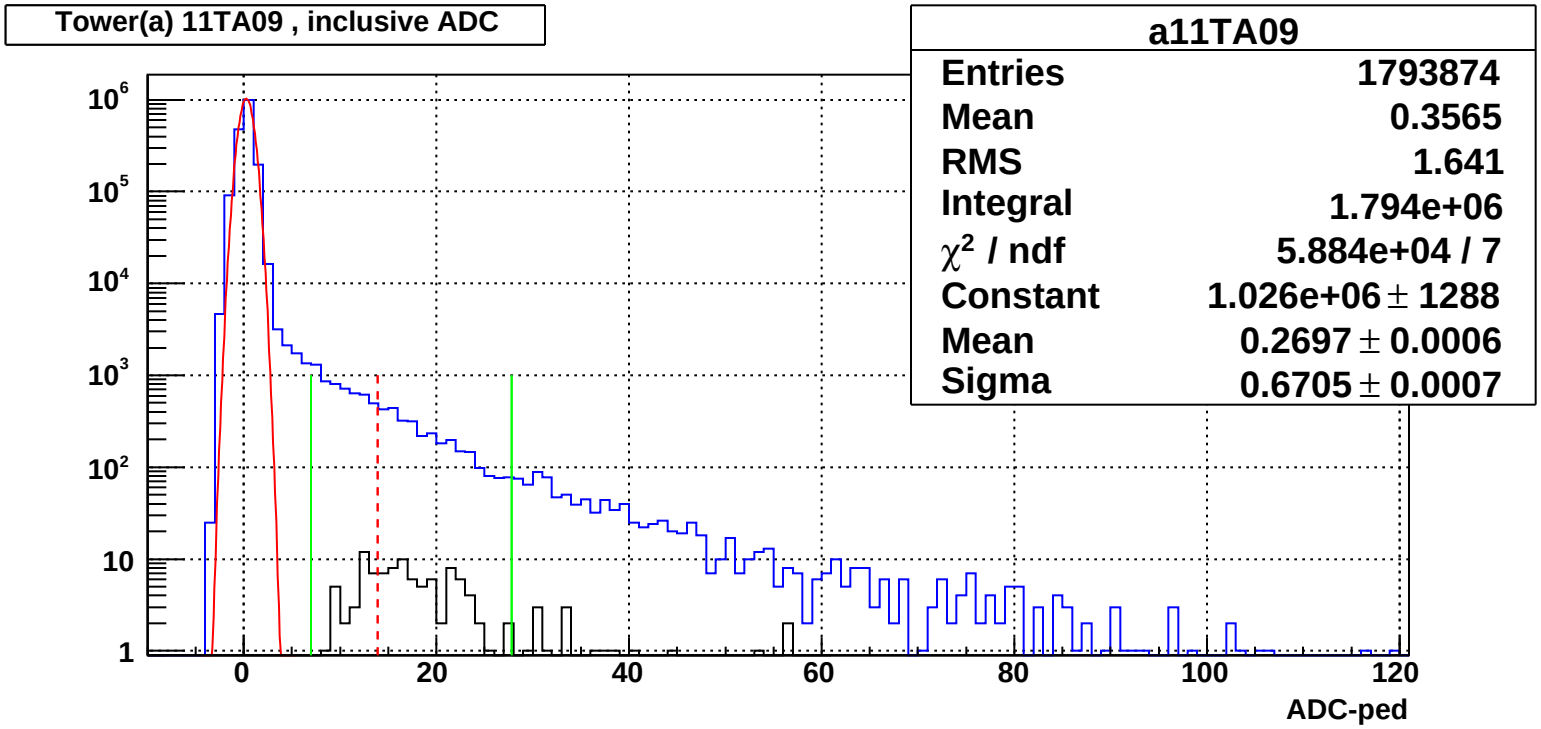

Tower(d) 10TC09 , ADC, tag: UxV 2*thr
d10TC09
Entries 152
Mean 17.81
RMS 7.322
Integral 150
χ² / ndf 9.936 / 15
x0 15.77 ± 0.38
aL 12.27 ± 1.41
sigL 1.33 ± 1.49
sigG 3.874 ± 0.441
ADC-ped

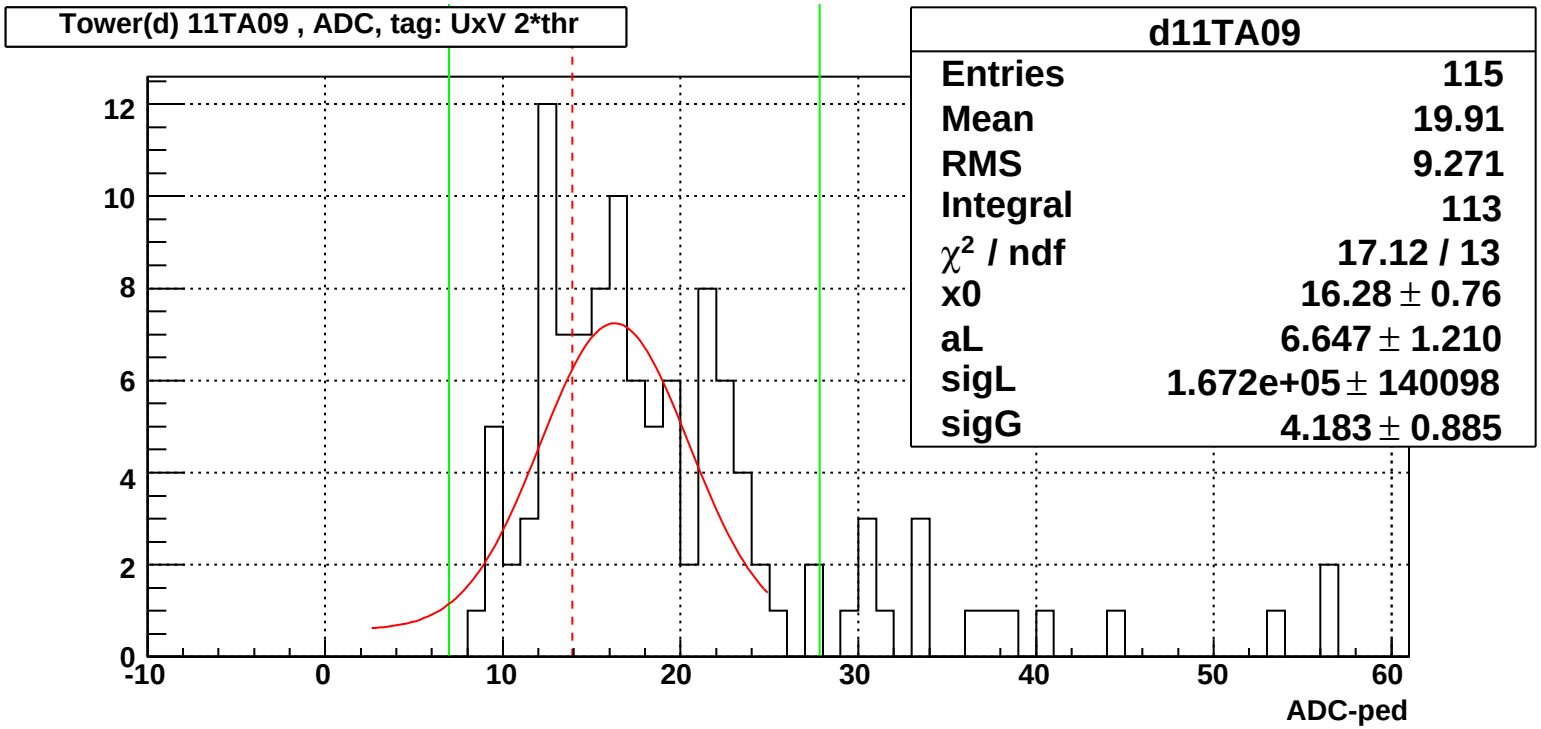

Tower(a) 10TD09 , inclusive ADC
a10TD09
Entries 1793874
Mean -0.02053
RMS 1.659
Integral 1.794e+06
χ² / ndf 2.423e+05 / 8
Constant 6.42e+05 ± 643
Mean -0.1677 ± 0.0008
Sigma 0.9583 ± 0.0006
ADC-ped

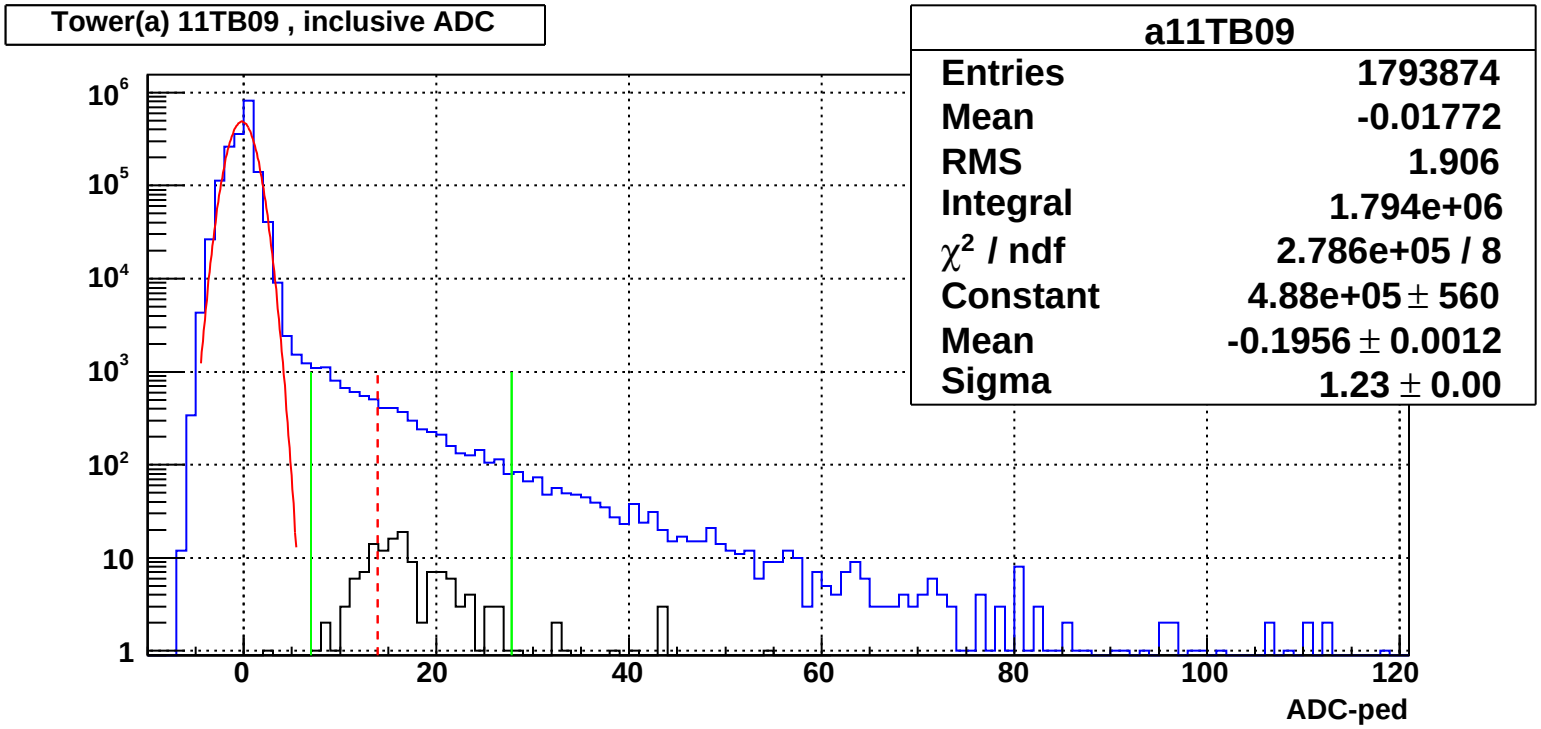

Tower(d) 10TD09 , ADC, tag: UxV 2*thr
d10TD09
Entries 164
Mean 16.22
RMS 6.654
Integral 162
χ² / ndf 19.25 / 15
x0 14.27 ± 0.43
aL 14.26 ± 1.80
sigL 8.481e+04 ± 34044
sigG 2.875 ± 0.329
ADC-ped

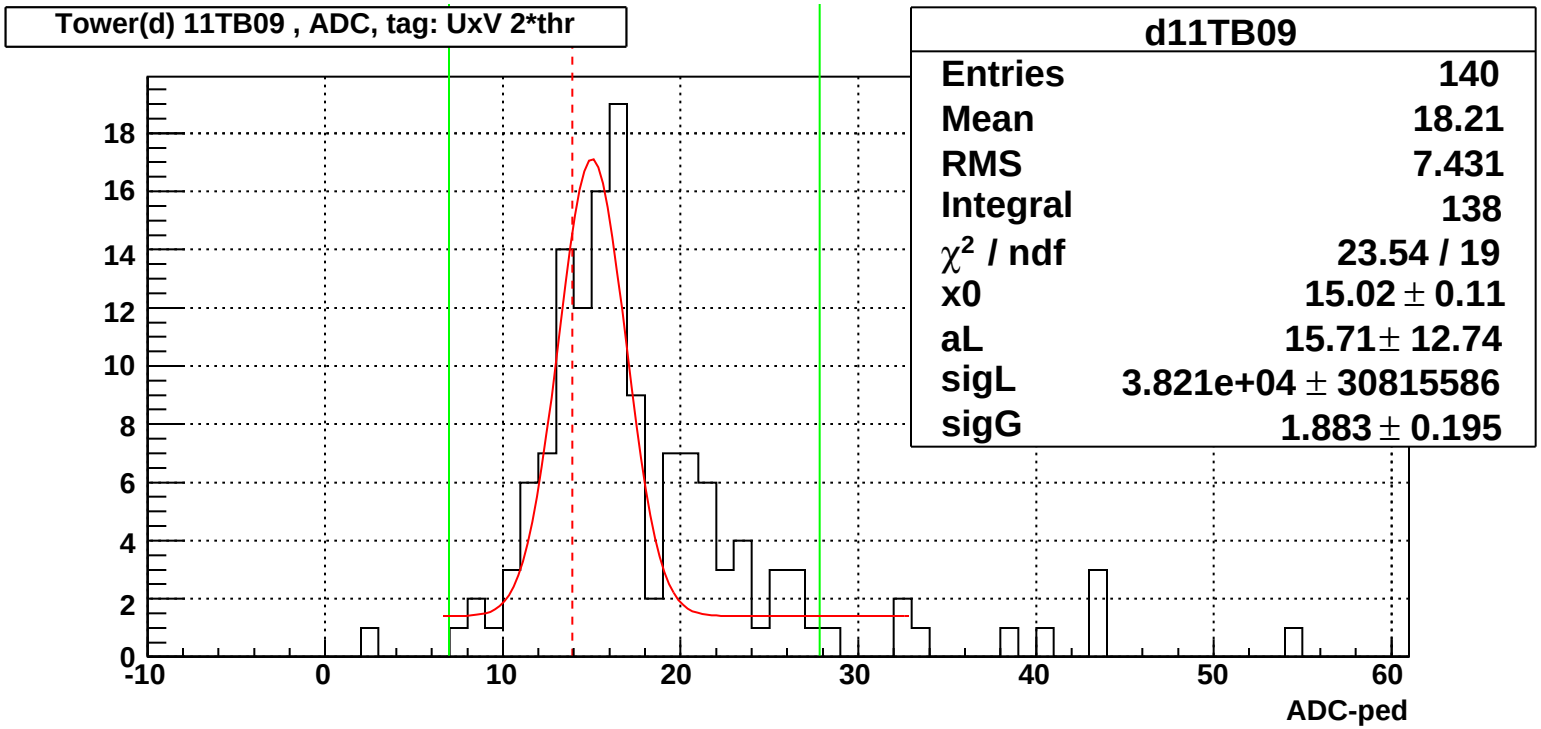

Tower(a) 10TE09 , inclusive ADC
a10TE09
Entries 1793874
Mean 0.4458
RMS 1.553
Integral 1.794e+06
χ² / ndf 1.003e+05 / 7
Constant 1.119e+06 ± 1622
Mean 0.3813 ± 0.0005
Sigma 0.6 ± 0.0
ADC-ped

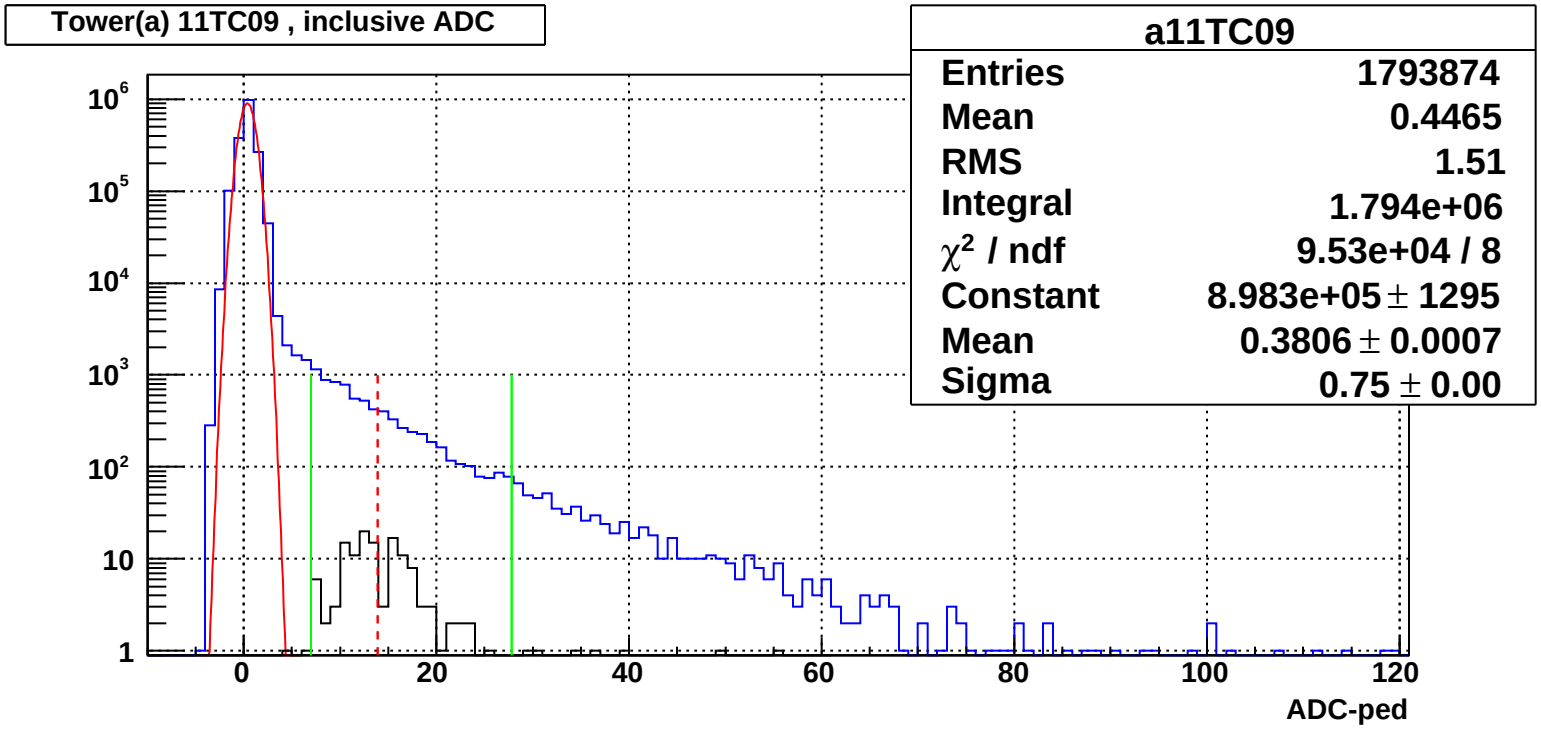

Tower(d) 10TE09 , ADC, tag: UxV 2*thr
d10TE09
Entries 179
Mean 18.07
RMS 7.229
Integral 177
χ² / ndf 14.01 / 18
x0 15.98 ± 0.36
aL 15.27 ± 1.71
sigL 3.76 ± 3.25
sigG 3.248 ± 0.352
ADC-ped

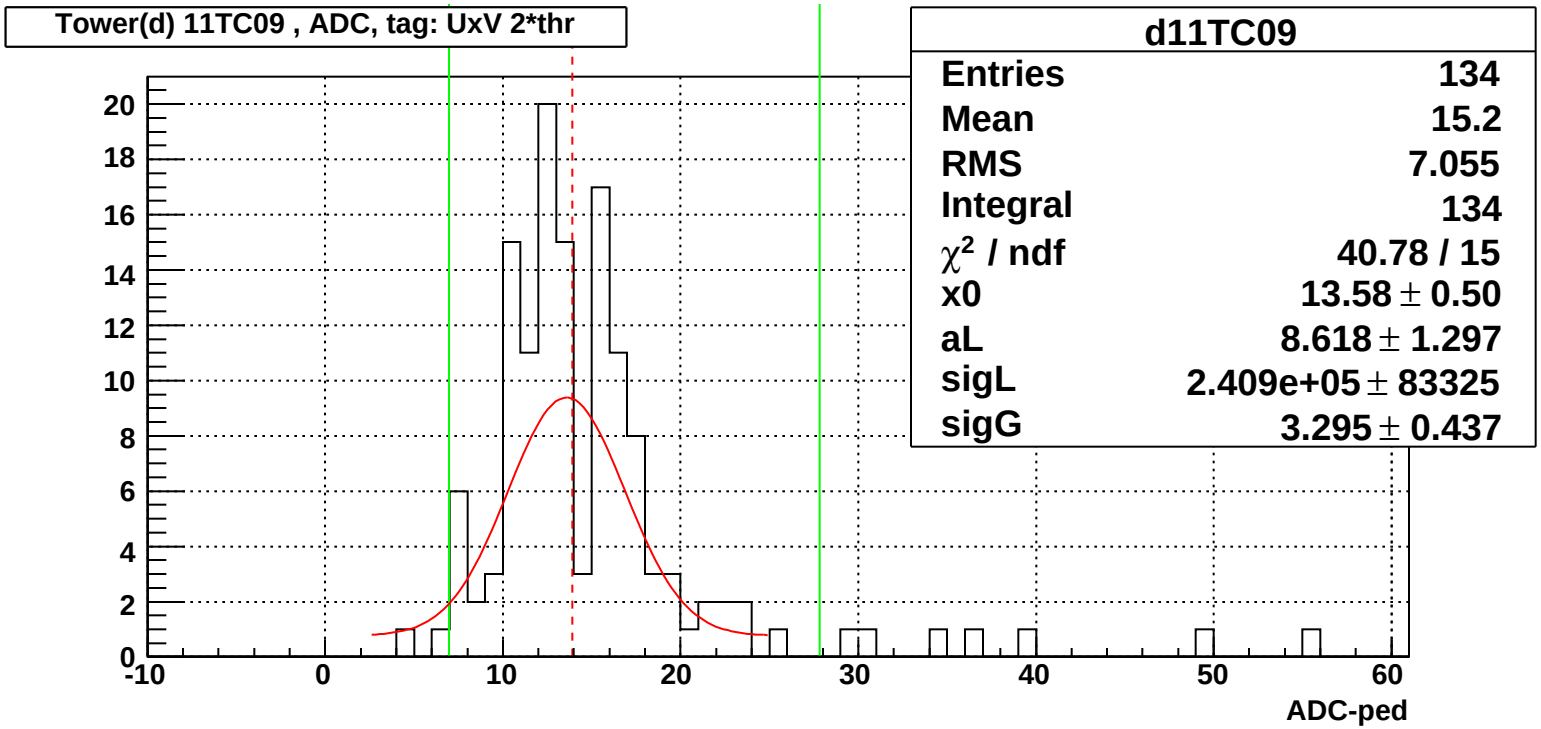

Tower(a) 11TA09 , inclusive ADC
a11TA09
Entries 1793874
Mean 0.3565
RMS 1.641
Integral 1.794e+06
χ² / ndf 5.884e+04 / 7
Constant 1.026e+06 ± 1288
Mean 0.2697 ± 0.0006
Sigma 0.6705 ± 0.0007
ADC-ped

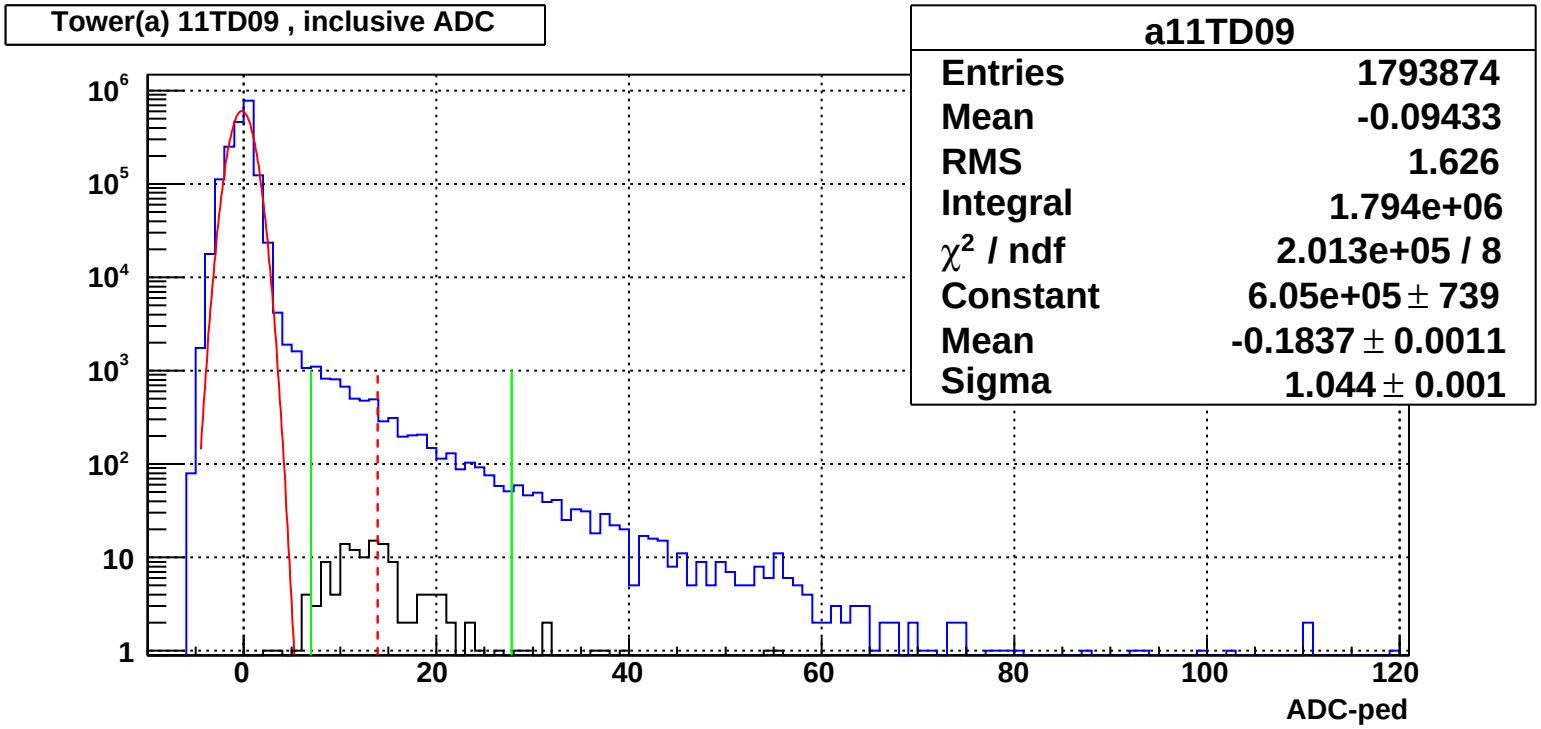

Tower(d) 11TA09 , ADC, tag: UxV 2*thr
d11TA09
Entries 115
Mean 19.91
RMS 9.271
Integral 113
χ² / ndf 17.12 / 13
x0 16.28 ± 0.76
aL 6.647 ± 1.210
sigL 1.672e+05 ± 140098
sigG 4.183 ± 0.885
ADC-ped

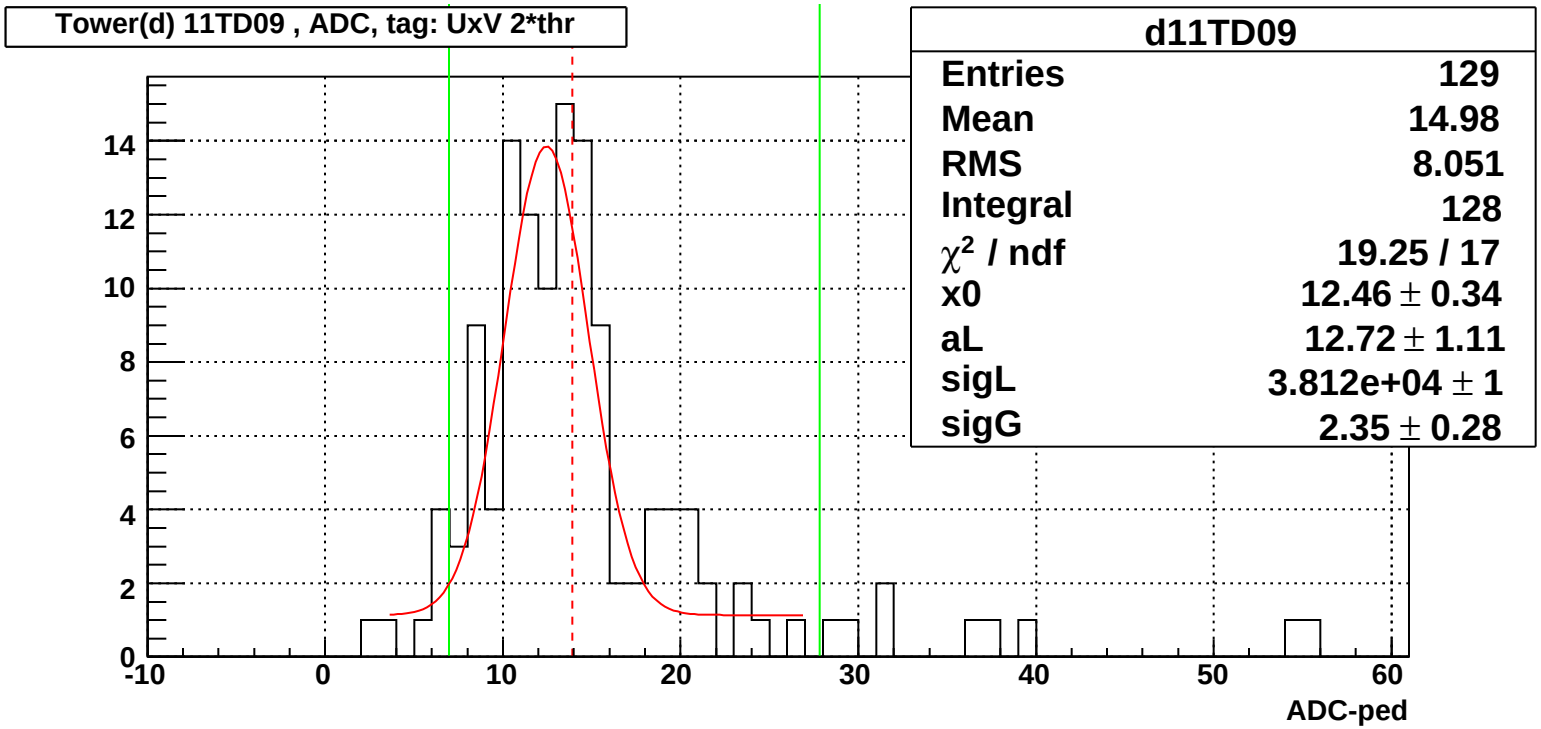

Tower(a) 11TB09 , inclusive ADC
a11TB09
Entries 1793874
Mean -0.01772
RMS 1.906
Integral 1.794e+06
χ² / ndf 2.786e+05 / 8
Constant 4.88e+05 ± 560
Mean -0.1956 ± 0.0012
Sigma 1.23 ± 0.00
ADC-ped

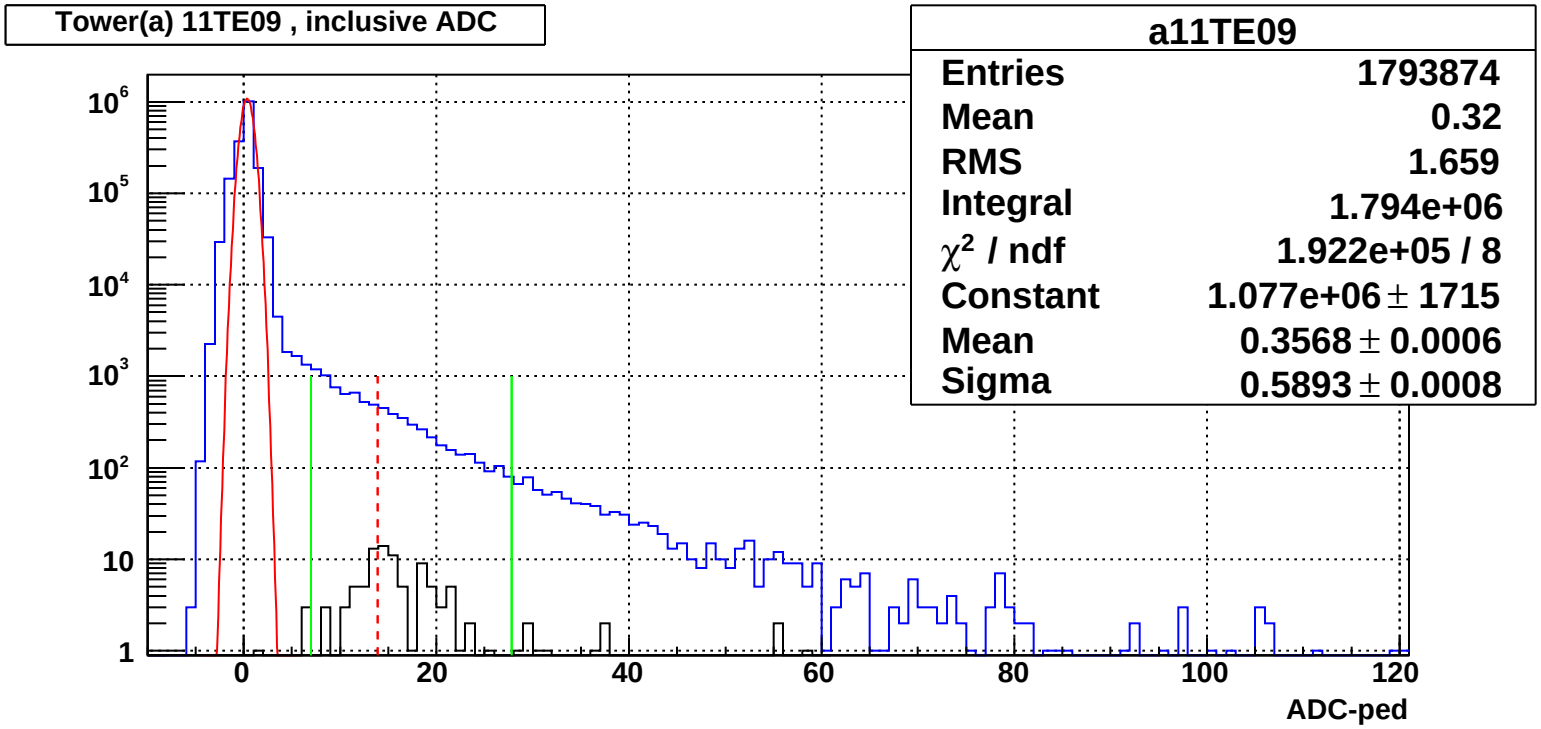

Tower(d) 11TB09 , ADC, tag: UxV 2*thr
d11TB09
Entries 140
Mean 18.21
RMS 7.431
Integral 138
χ² / ndf 23.54 / 19
x0 15.02 ± 0.11
aL 15.71 ± 12.74
sigL 3.821e+04 ± 30815586
sigG 1.883 ± 0.195
ADC-ped

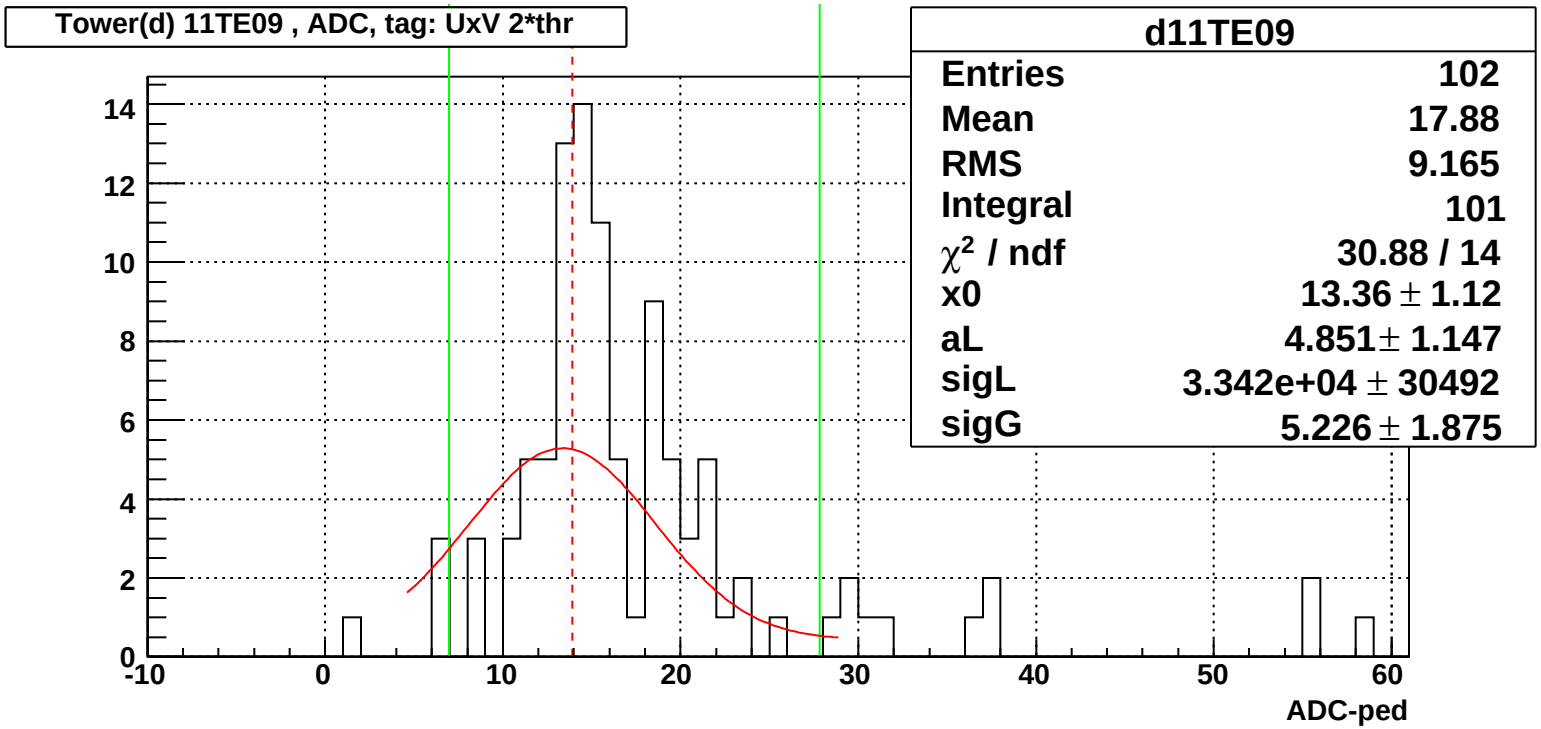

Tower(a) 11TC09 , inclusive ADC
a11TC09
Entries 1793874
Mean 0.4465
RMS 1.51
Integral 1.794e+06
χ² / ndf 9.53e+04 / 8
Constant 8.983e+05 ± 1295
Mean 0.3806 ± 0.0007
Sigma 0.75 ± 0.00
ADC-ped

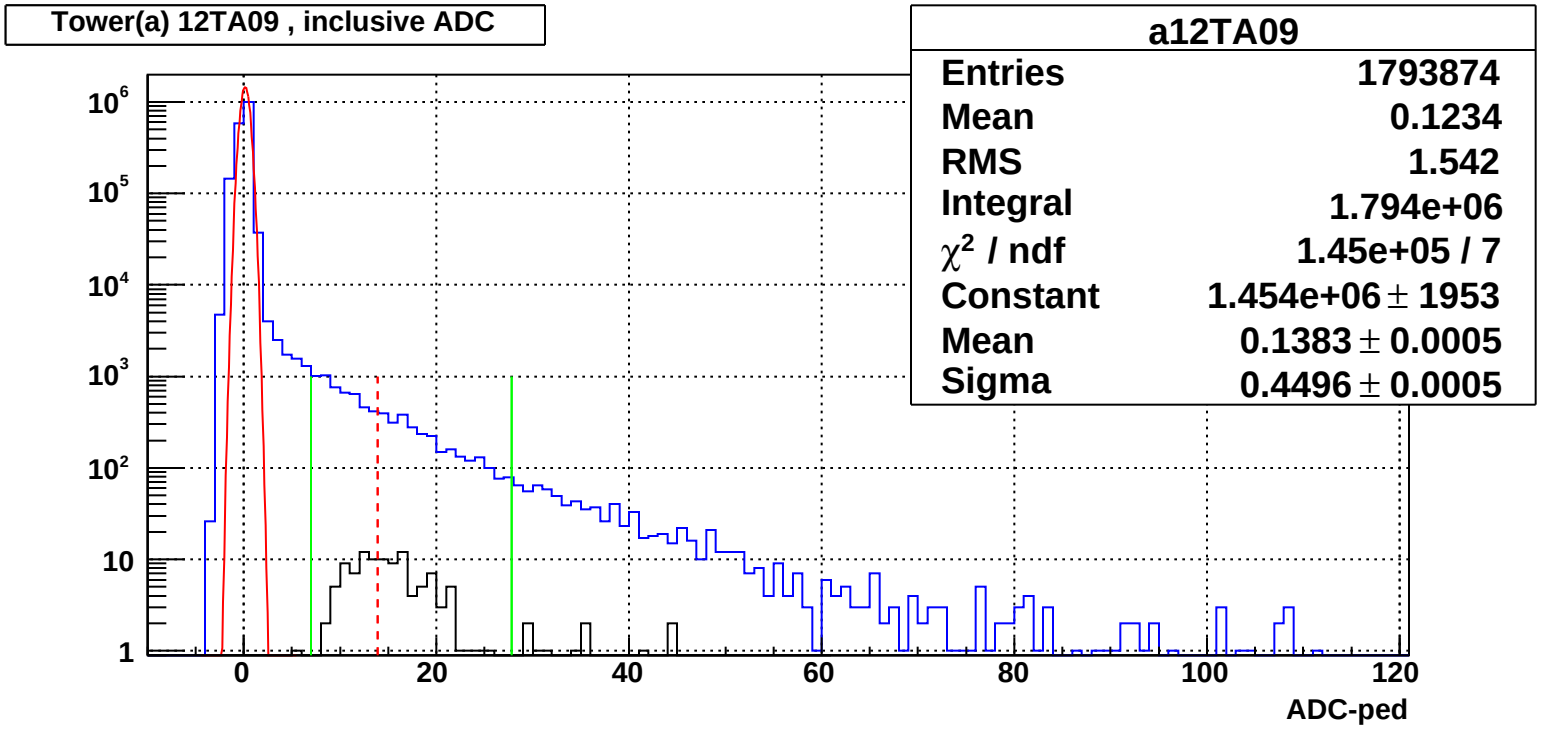

Tower(d) 11TC09 , ADC, tag: UxV 2*thr
d11TC09
Entries 134
Mean 15.2
RMS 7.055
Integral 134
χ² / ndf 40.78 / 15
x0 13.58 ± 0.50
aL 8.618 ± 1.297
sigL 2.409e+05 ± 83325
sigG 3.295 ± 0.437
ADC-ped

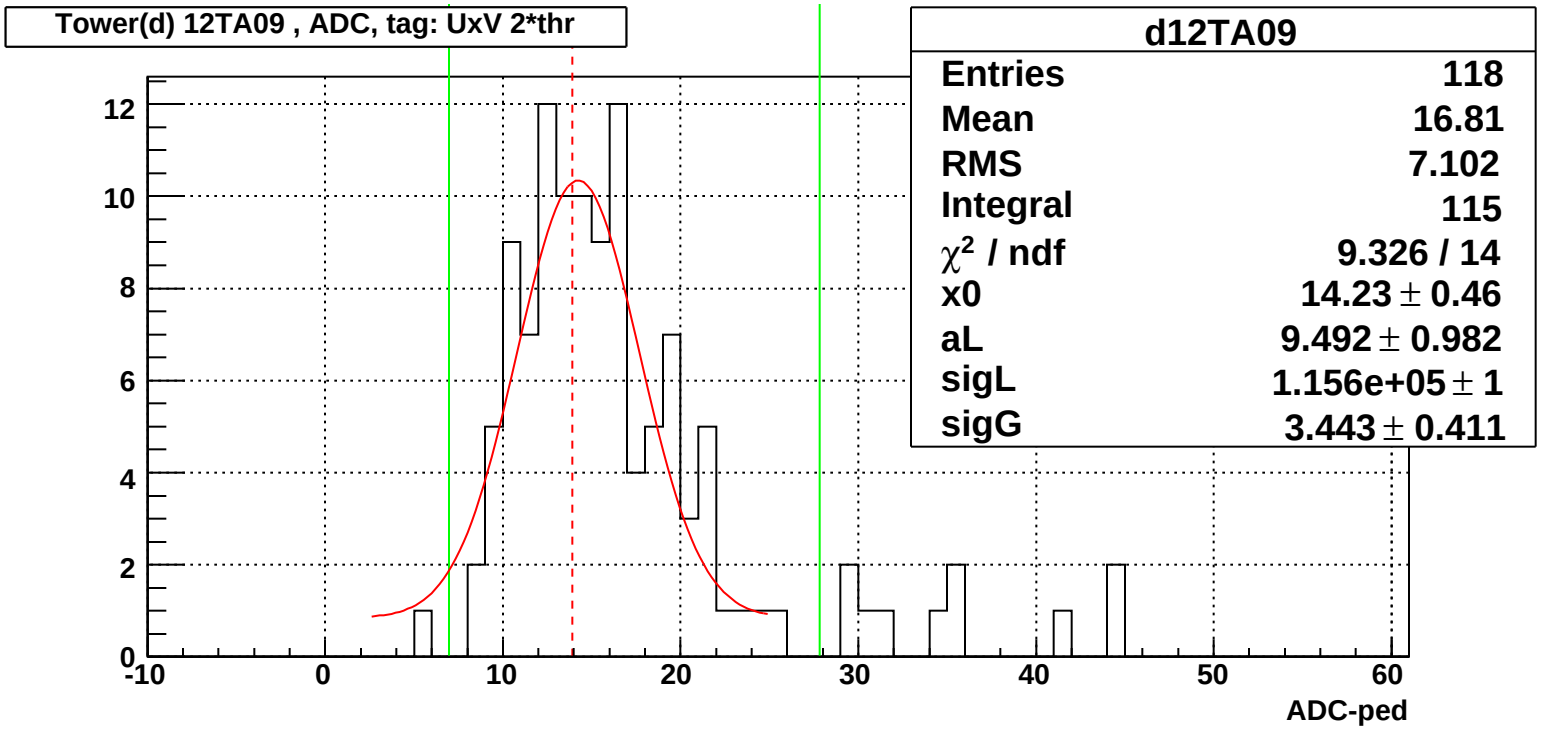

Tower(a) 11TD09 , inclusive ADC
a11TD09
Entries 1793874
Mean -0.09433
RMS 1.626
Integral 1.794e+06
χ² / ndf 2.013e+05 / 8
Constant 6.05e+05 ± 739
Mean -0.1837 ± 0.0011
Sigma 1.044 ± 0.001
ADC-ped

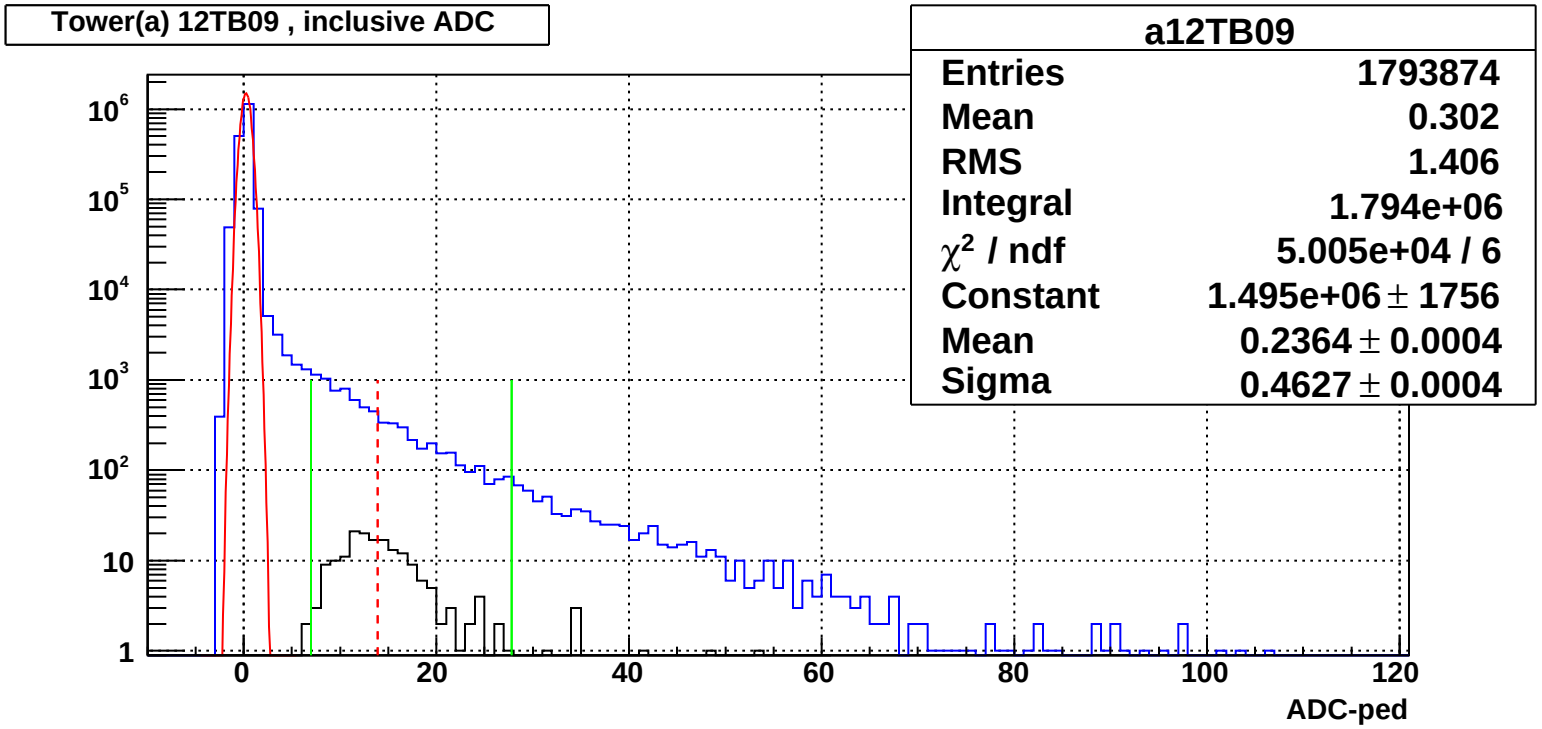

Tower(d) 11TD09 , ADC, tag: UxV 2*thr
d11TD09
Entries 129
Mean 14.98
RMS 8.051
Integral 128
χ² / ndf 19.25 / 17
x0 12.46 ± 0.34
aL 12.72 ± 1.11
sigL 3.812e+04 ± 1
sigG 2.35 ± 0.28
ADC-ped

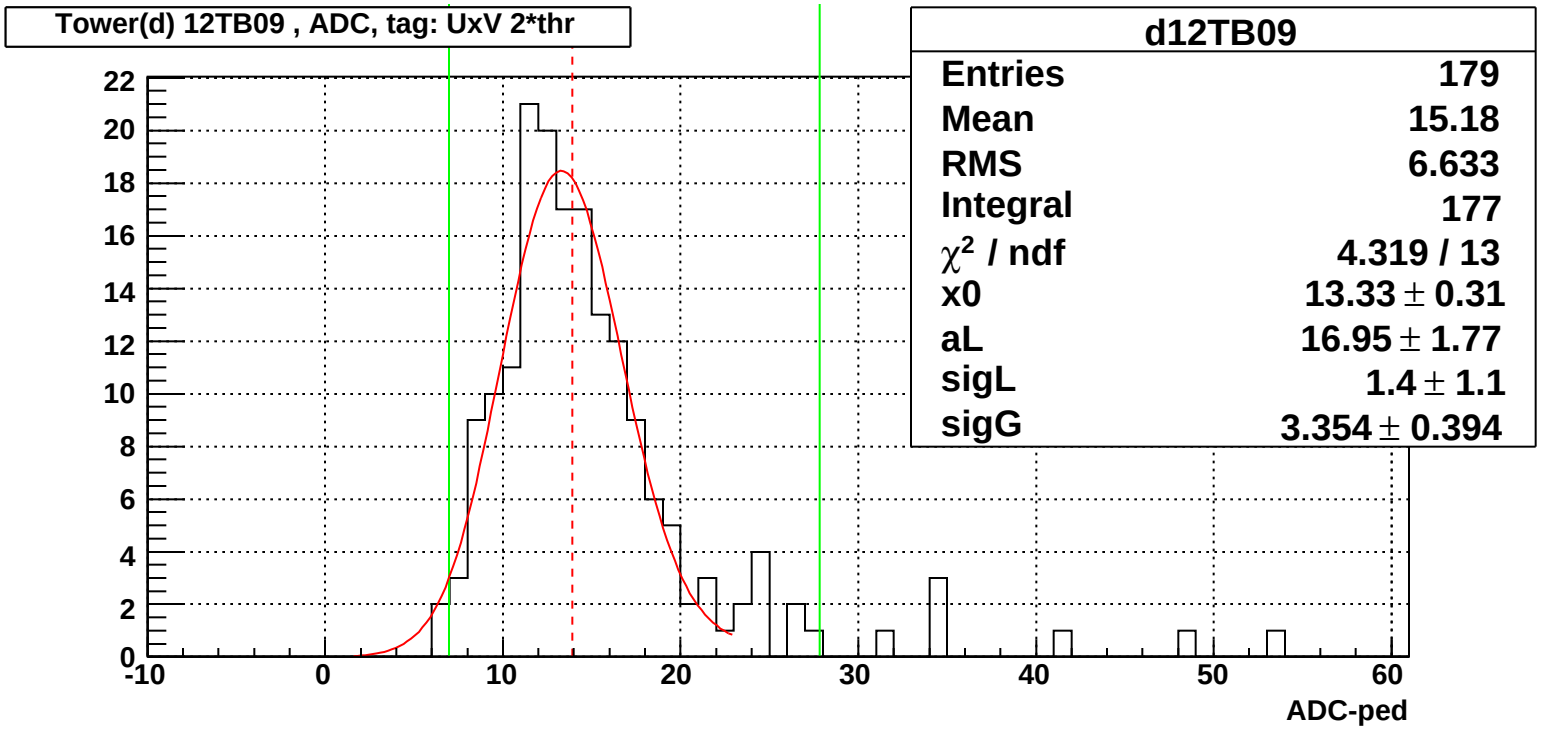

Tower(a) 11TE09 , inclusive ADC
a11TE09
Entries 1793874
Mean 0.32
RMS 1.659
Integral 1.794e+06
χ² / ndf 1.922e+05 / 8
Constant 1.077e+06 ± 1715
Mean 0.3568 ± 0.0006
Sigma 0.5893 ± 0.0008
ADC-ped

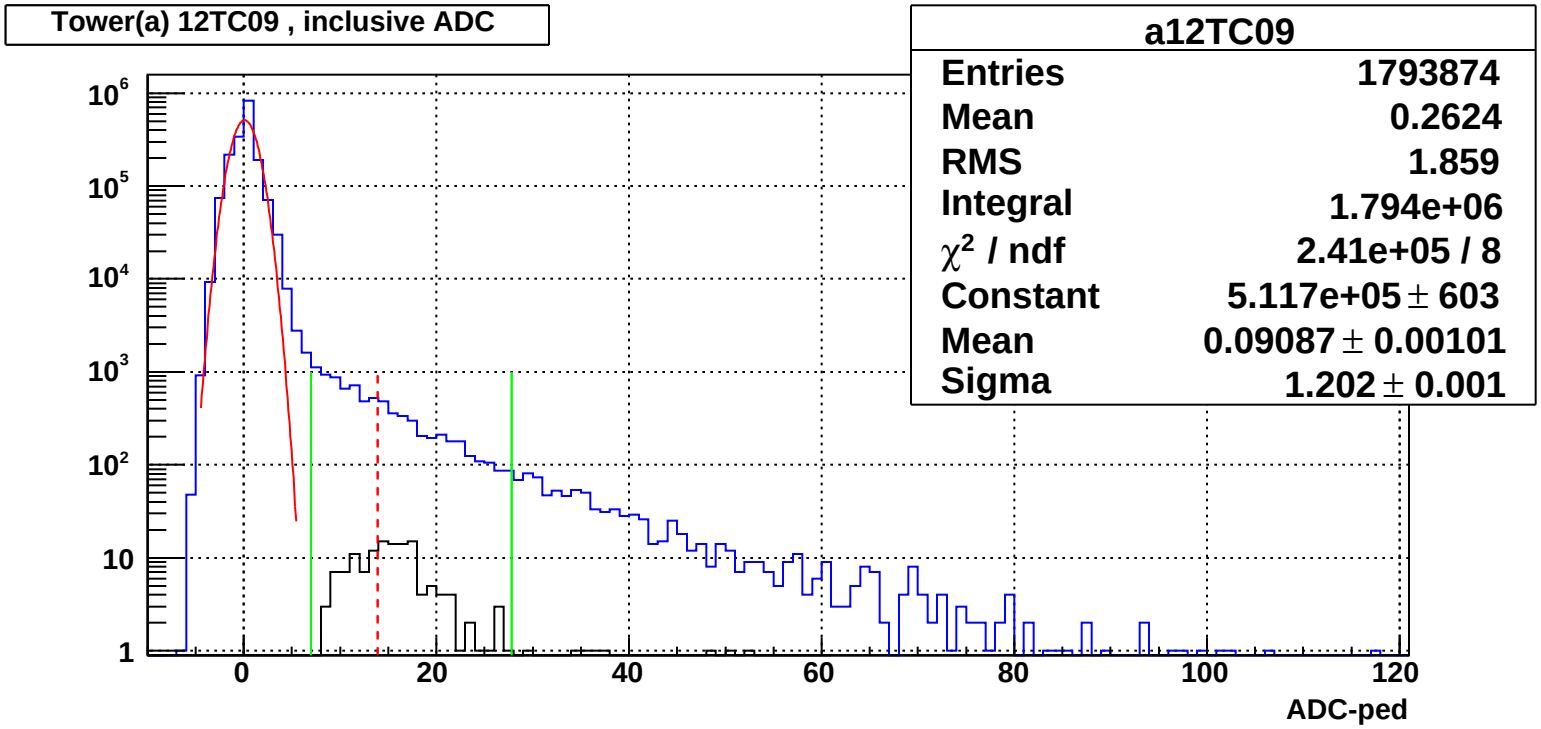

Tower(d) 11TE09 , ADC, tag: UxV 2*thr
d11TE09
Entries 102
Mean 17.88
RMS 9.165
Integral 101
χ² / ndf 30.88 / 14
x0 13.36 ± 1.12
aL 4.851 ± 1.147
sigL 3.342e+04 ± 30492
sigG 5.226 ± 1.875
ADC-ped

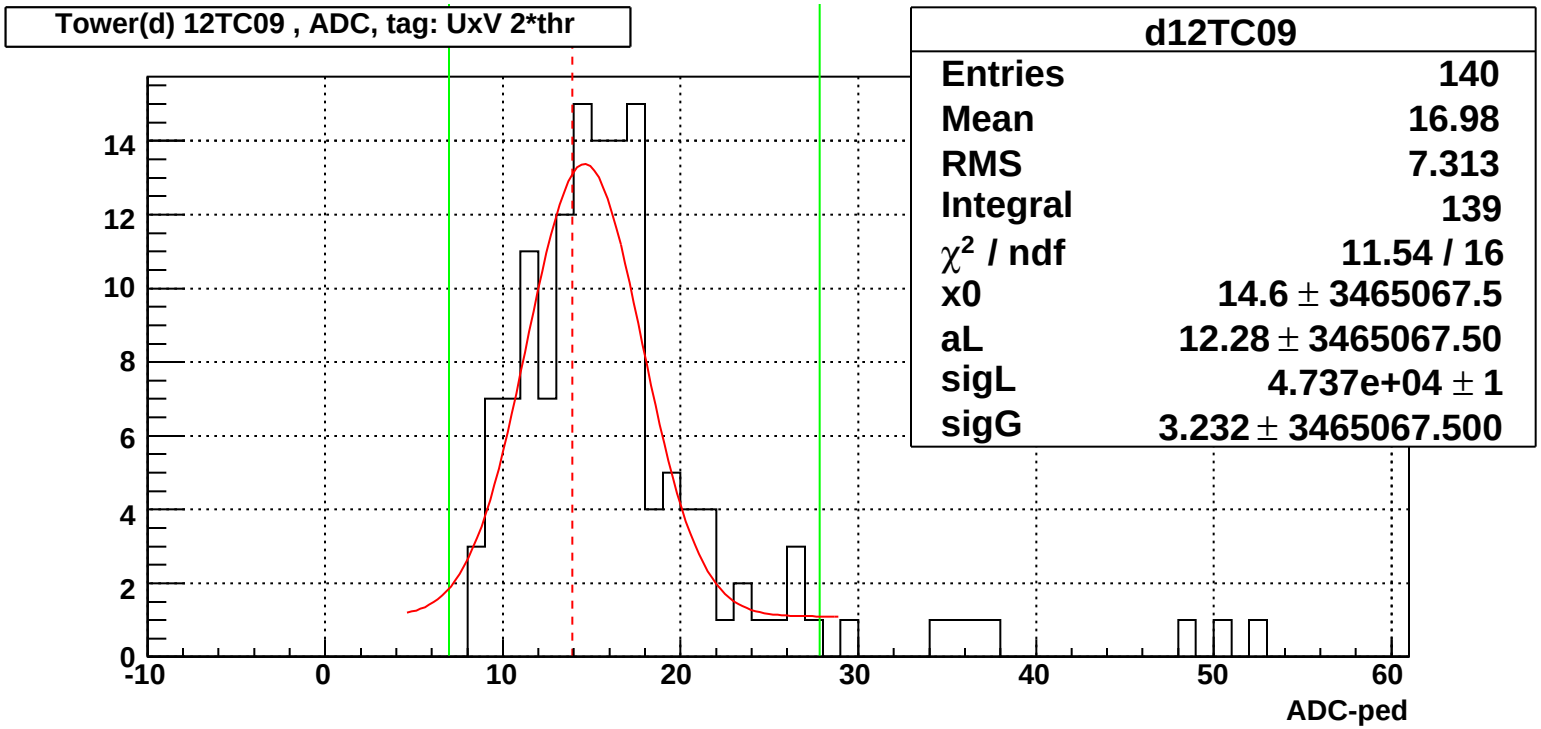

Tower(a) 12TA09 , inclusive ADC
a12TA09
Entries 1793874
Mean 0.1234
RMS 1.542
Integral 1.794e+06
χ² / ndf 1.45e+05 / 7
Constant 1.454e+06 ± 1953
Mean 0.1383 ± 0.0005
Sigma 0.4496 ± 0.0005
ADC-ped

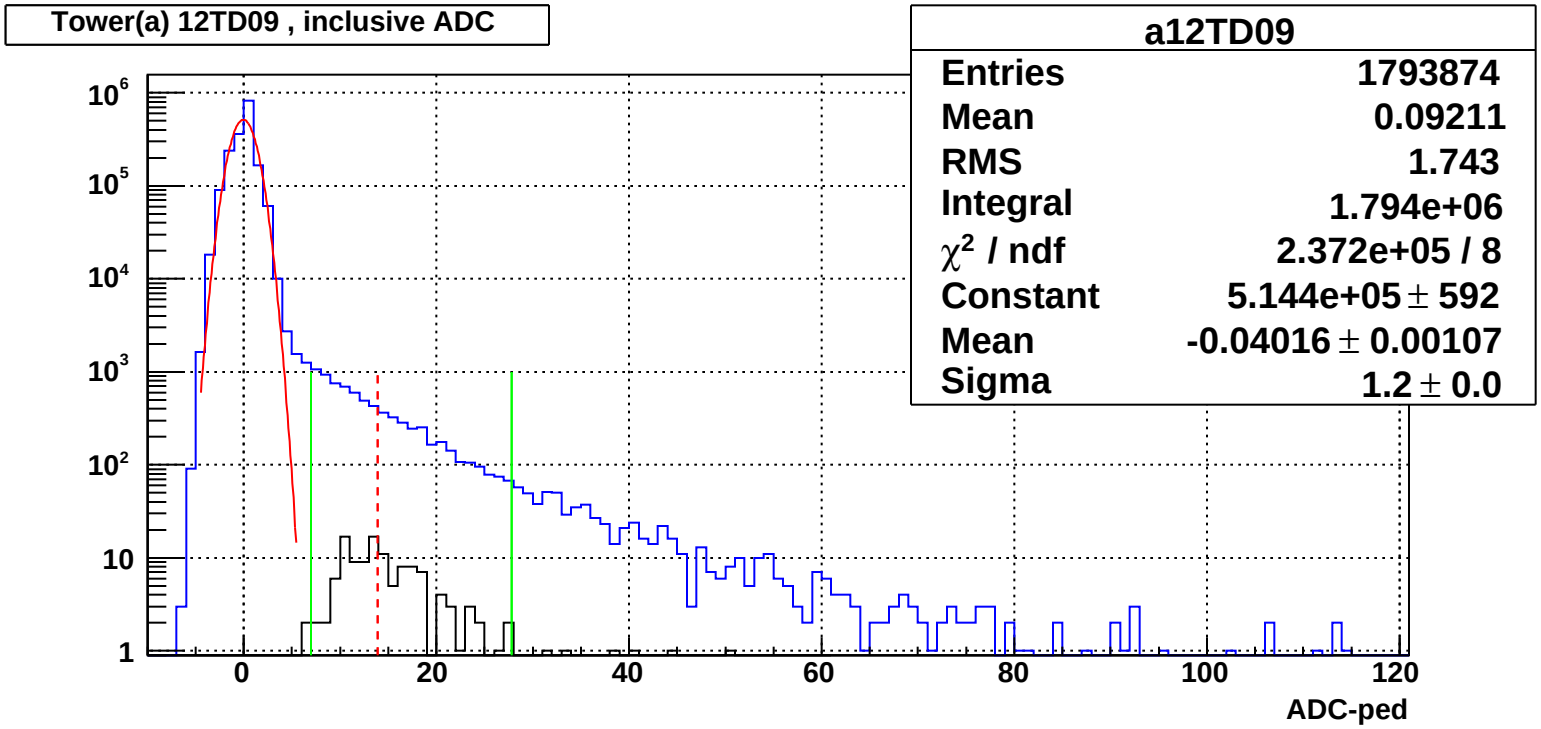

Tower(d) 12TA09 , ADC, tag: UxV 2*thr
d12TA09
Entries 118
Mean 16.81
RMS 7.102
Integral 115
χ² / ndf 9.326 / 14
x0 14.23 ± 0.46
aL 9.492 ± 0.982
sigL 1.156e+05 ± 1
sigG 3.443 ± 0.411
ADC-ped

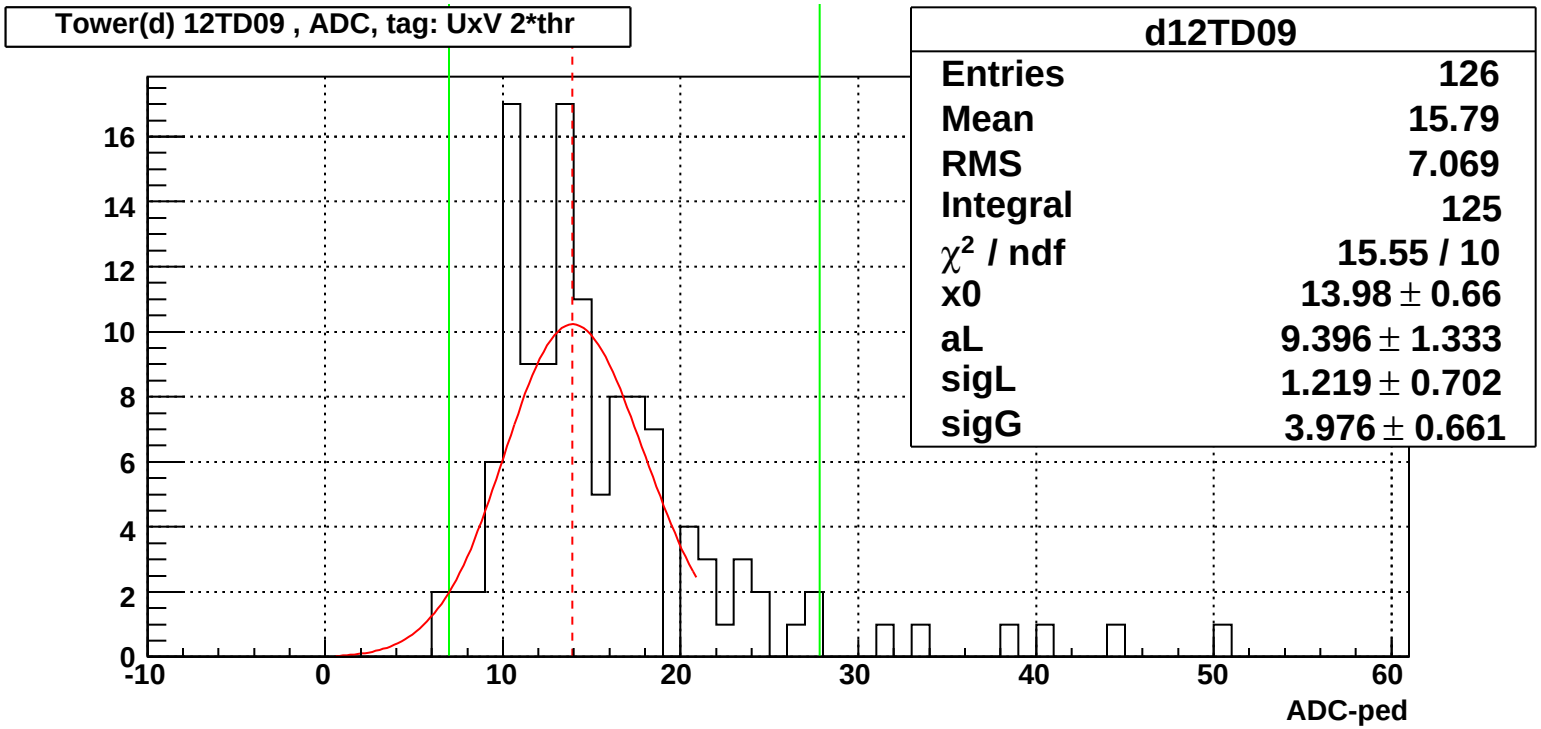

Tower(a) 12TB09 , inclusive ADC
a12TB09
Entries 1793874
Mean 0.302
RMS 1.406
Integral 1.794e+06
χ² / ndf 5.005e+04 / 6
Constant 1.495e+06 ± 1756
Mean 0.2364 ± 0.0004
Sigma 0.4627 ± 0.0004
ADC-ped

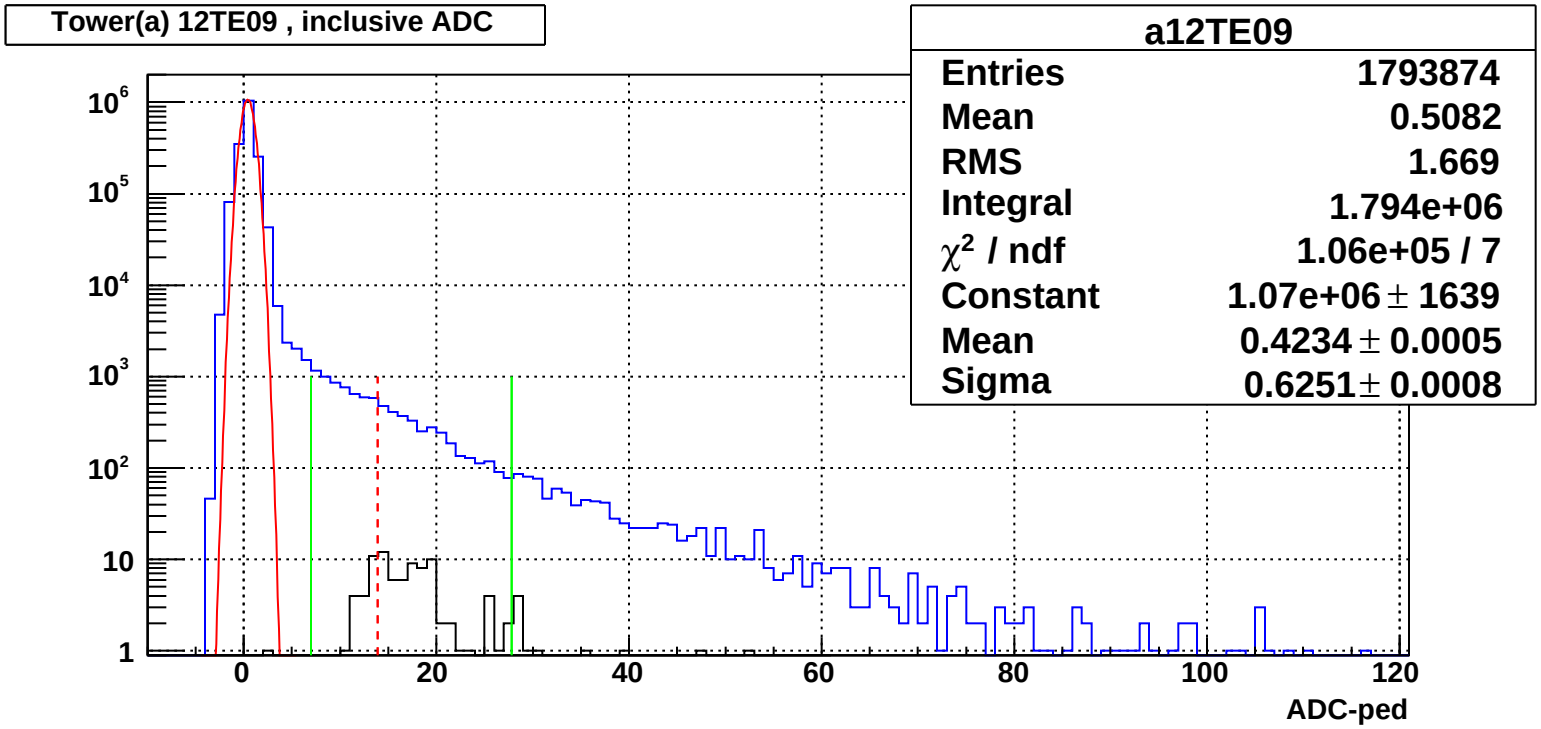

Tower(d) 12TB09 , ADC, tag: UxV 2*thr
d12TB09
Entries 179
Mean 15.18
RMS 6.633
Integral 177
χ² / ndf 4.319 / 13
x0 13.33 ± 0.31
aL 16.95 ± 1.77
sigL 1.4 ± 1.1
sigG 3.354 ± 0.394
ADC-ped

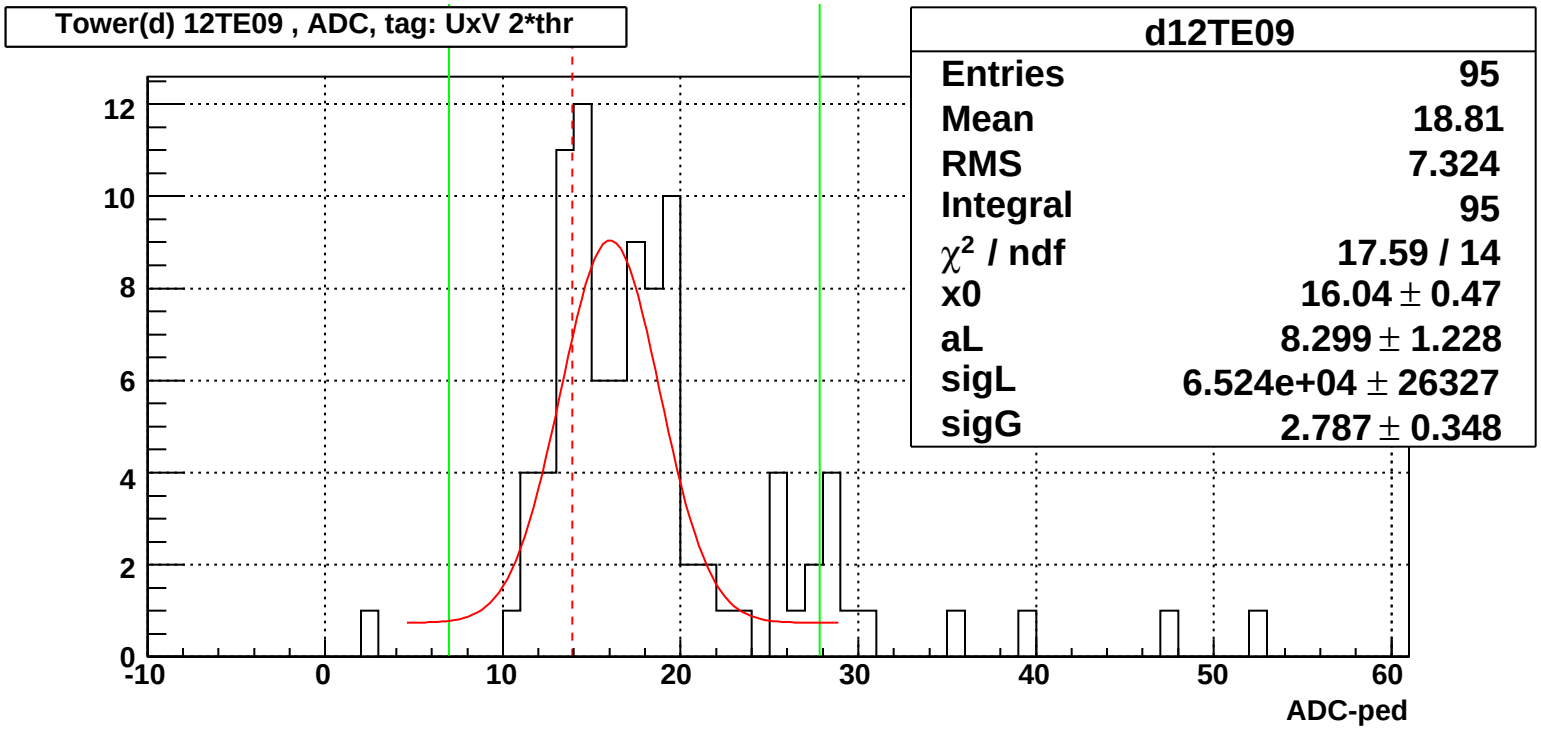

Tower(a) 12TC09 , inclusive ADC
a12TC09
Entries 1793874
Mean 0.2624
RMS 1.859
Integral 1.794e+06
χ² / ndf 2.41e+05 / 8
Constant 5.117e+05 ± 603
Mean 0.09087 ± 0.00101
Sigma 1.202 ± 0.001
ADC-ped

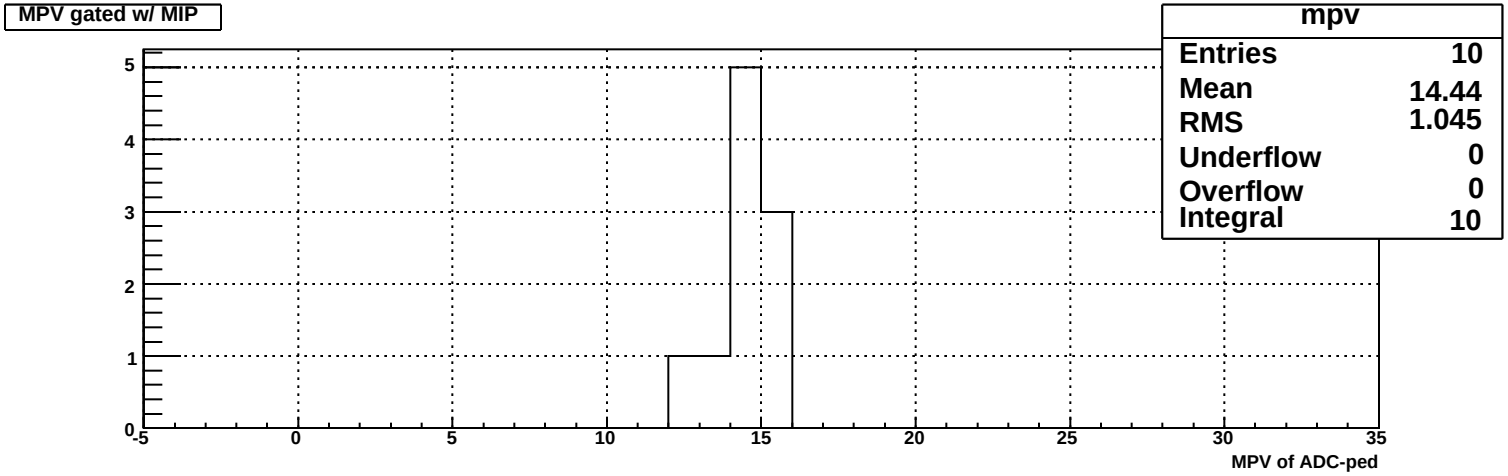

Tower(d) 12TC09 , ADC, tag: UxV 2*thr
d12TC09
Entries 140
Mean 16.98
RMS 7.313
Integral 139
χ² / ndf 11.54 / 16
x0 14.6 ± 3465067.5
aL 12.28 ± 3465067.50
sigL 4.737e+04 ± 1
sigG 3.232 ± 3465067.500
ADC-ped

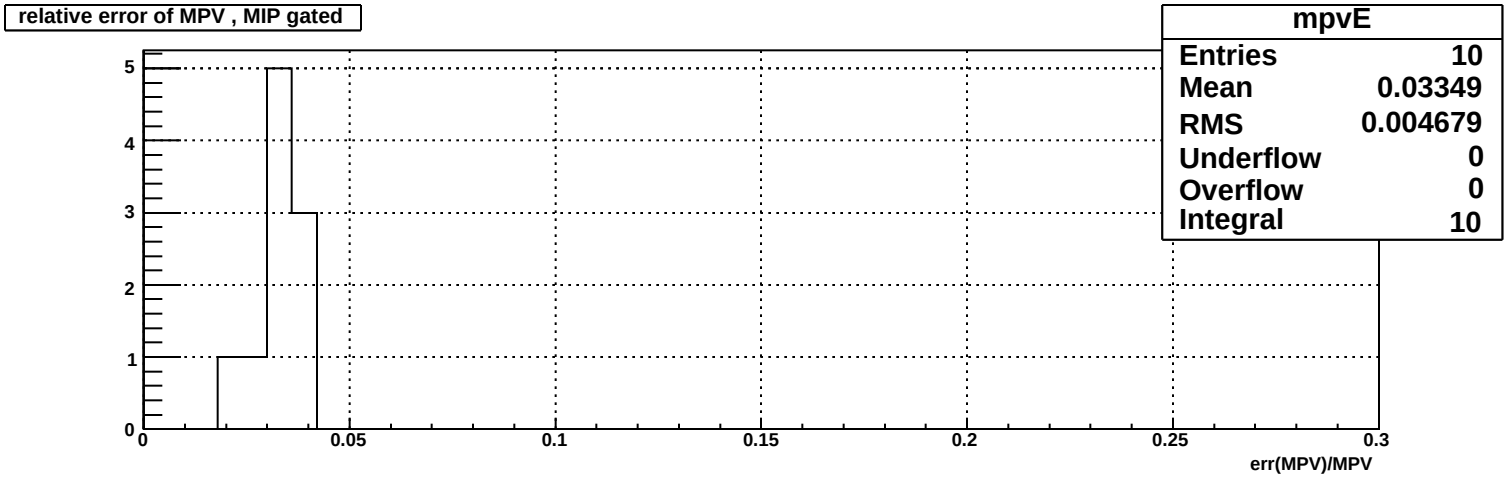

Tower(a) 12TD09 , inclusive ADC
a12TD09
Entries 1793874
Mean 0.09211
RMS 1.743
Integral 1.794e+06
χ² / ndf 2.372e+05 / 8
Constant 5.144e+05 ± 592
Mean -0.04016 ± 0.00107
Sigma 1.2 ± 0.0
ADC-ped


Tower(d) 12TD09 , ADC, tag: UxV 2*thr
d12TD09
Entries 126
Mean 15.79
RMS 7.069
Integral 125
χ² / ndf 15.55 / 10
x0 13.98 ± 0.66
aL 9.396 ± 1.333
sigL 1.219 ± 0.702
sigG 3.976 ± 0.661
ADC-ped


Tower(a) 12TE09 , inclusive ADC
a12TE09
Entries 1793874
Mean 0.5082
RMS 1.669
Integral 1.794e+06
χ² / ndf 1.06e+05 / 7
Constant 1.07e+06 ± 1639
Mean 0.4234 ± 0.0005
Sigma 0.6251 ± 0.0008
ADC-ped


Tower(d) 12TE09 , ADC, tag: UxV 2*thr
d12TE09
Entries 95
Mean 18.81
RMS 7.324
Integral 95
χ² / ndf 17.59 / 14
x0 16.04 ± 0.47
aL 8.299 ± 1.228
sigL 6.524e+04 ± 26327
sigG 2.787 ± 0.348
ADC-ped


MPV gated w/ MIP
mpv
Entries 10
Mean 14.44
RMS 1.045
Underflow 0
Overflow 0
Integral 10
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 10
Mean 0.03349
RMS 0.004679
Underflow 0
Overflow 0
Integral 10
err(MPV)/MPV