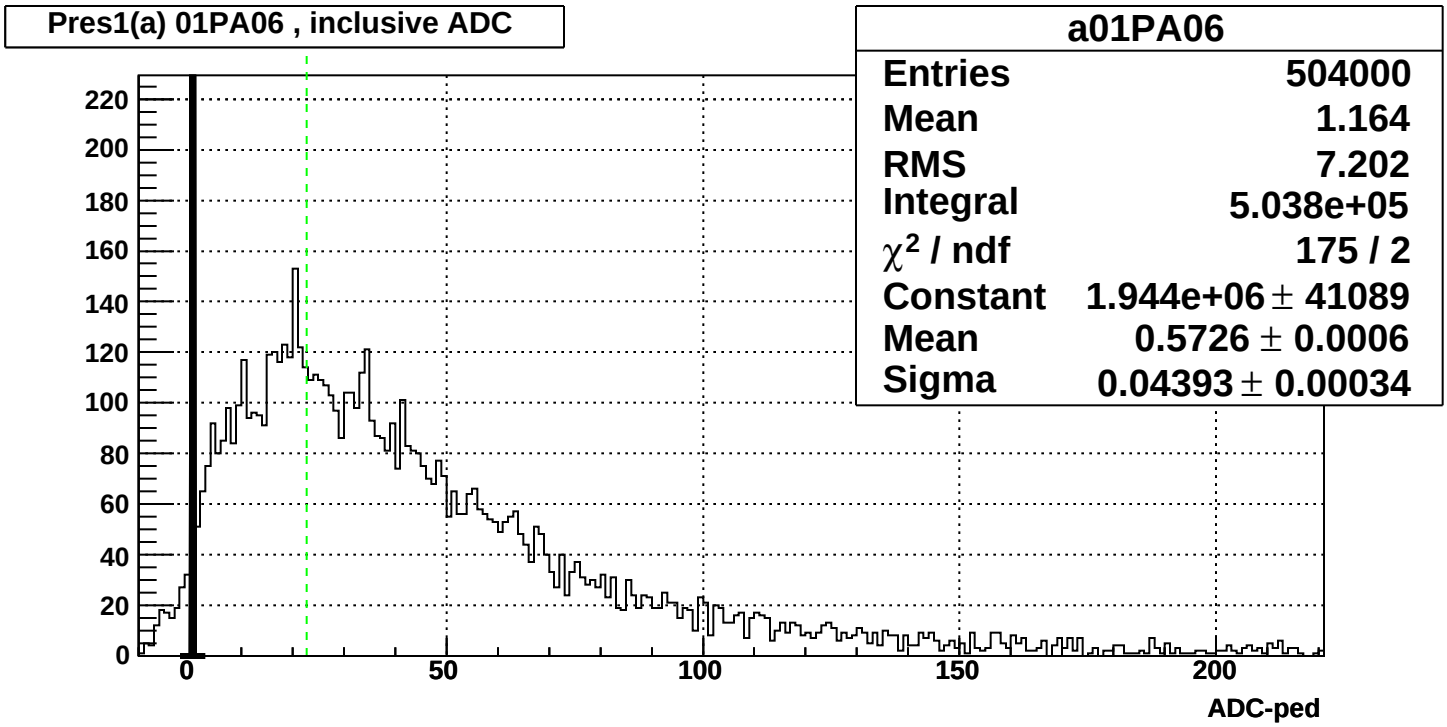
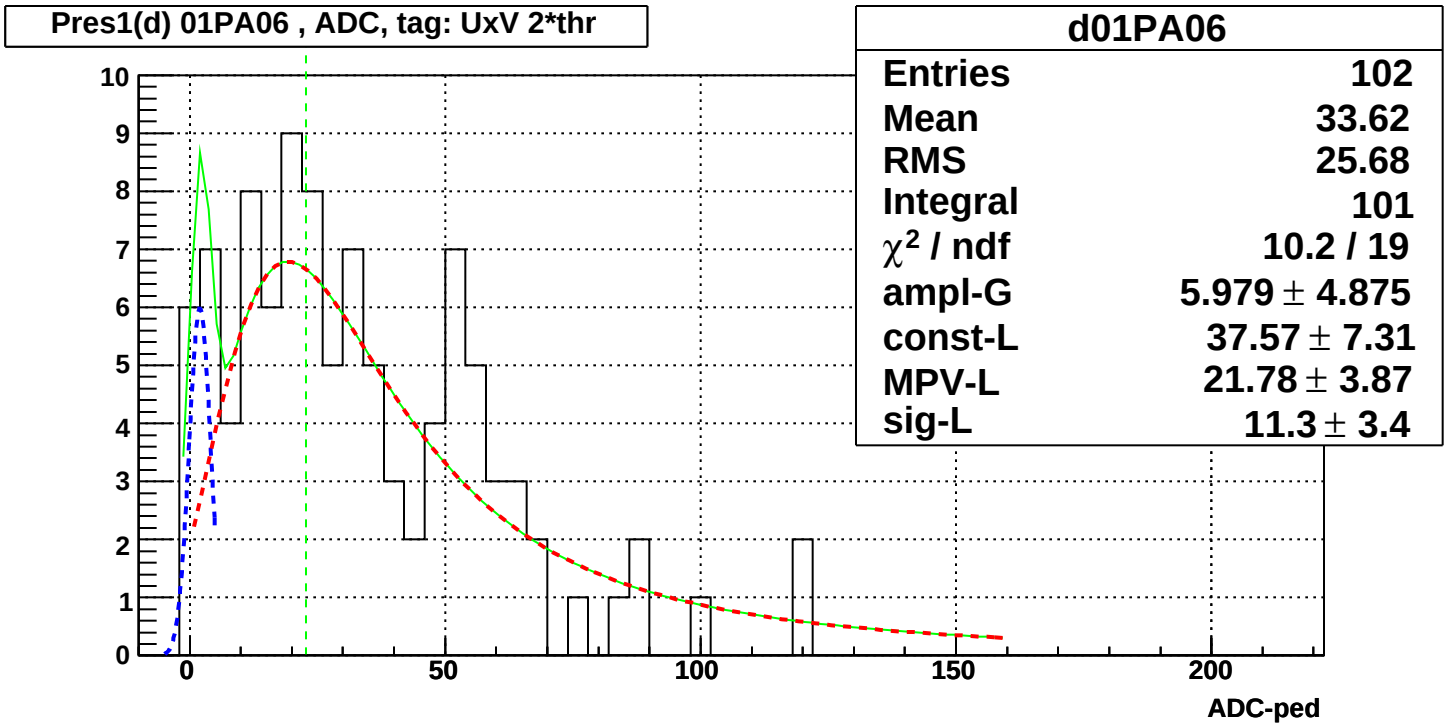
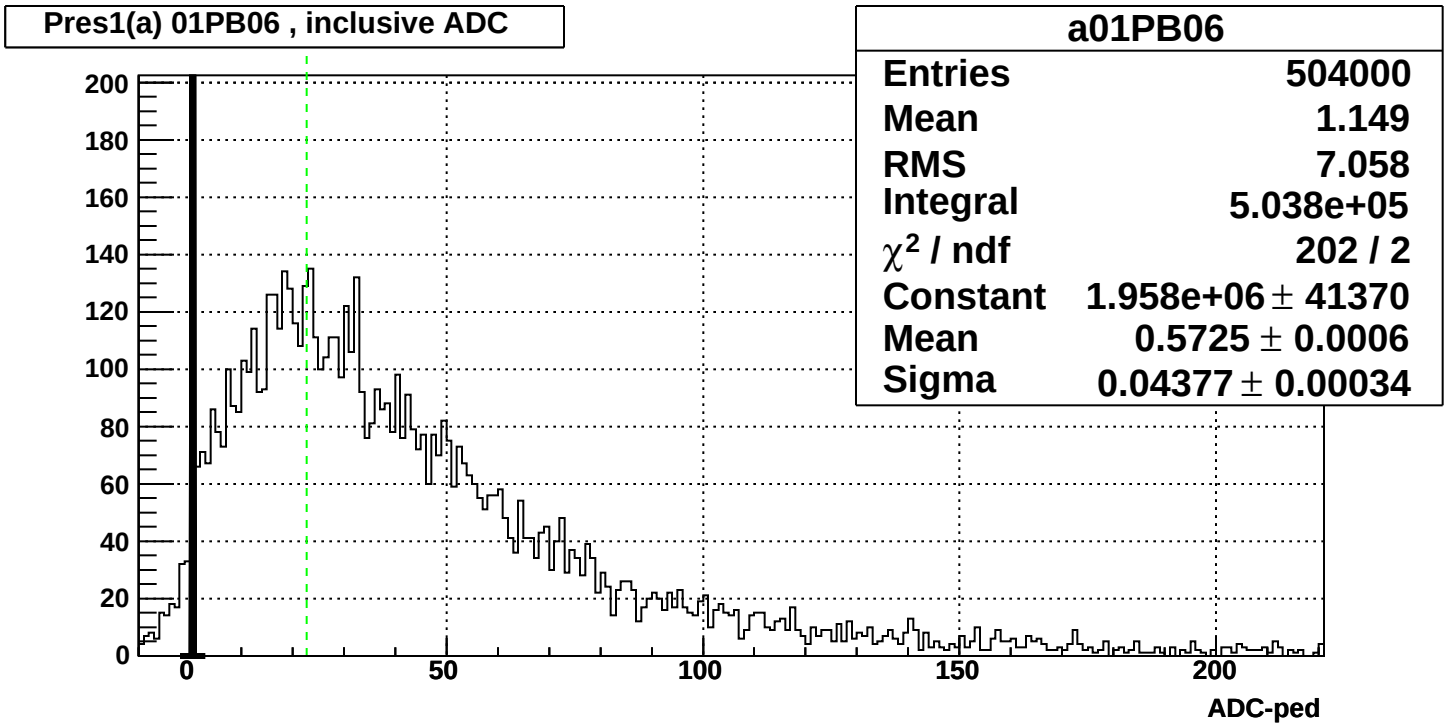
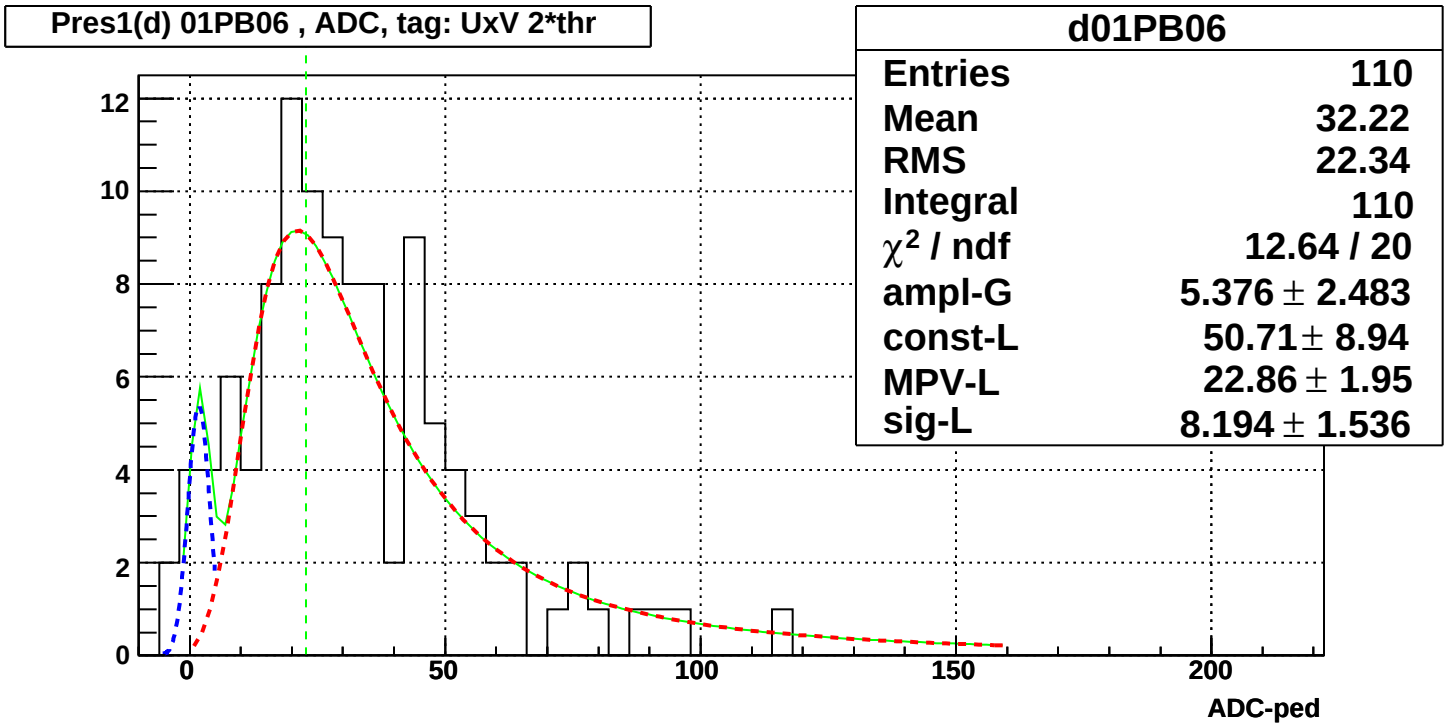
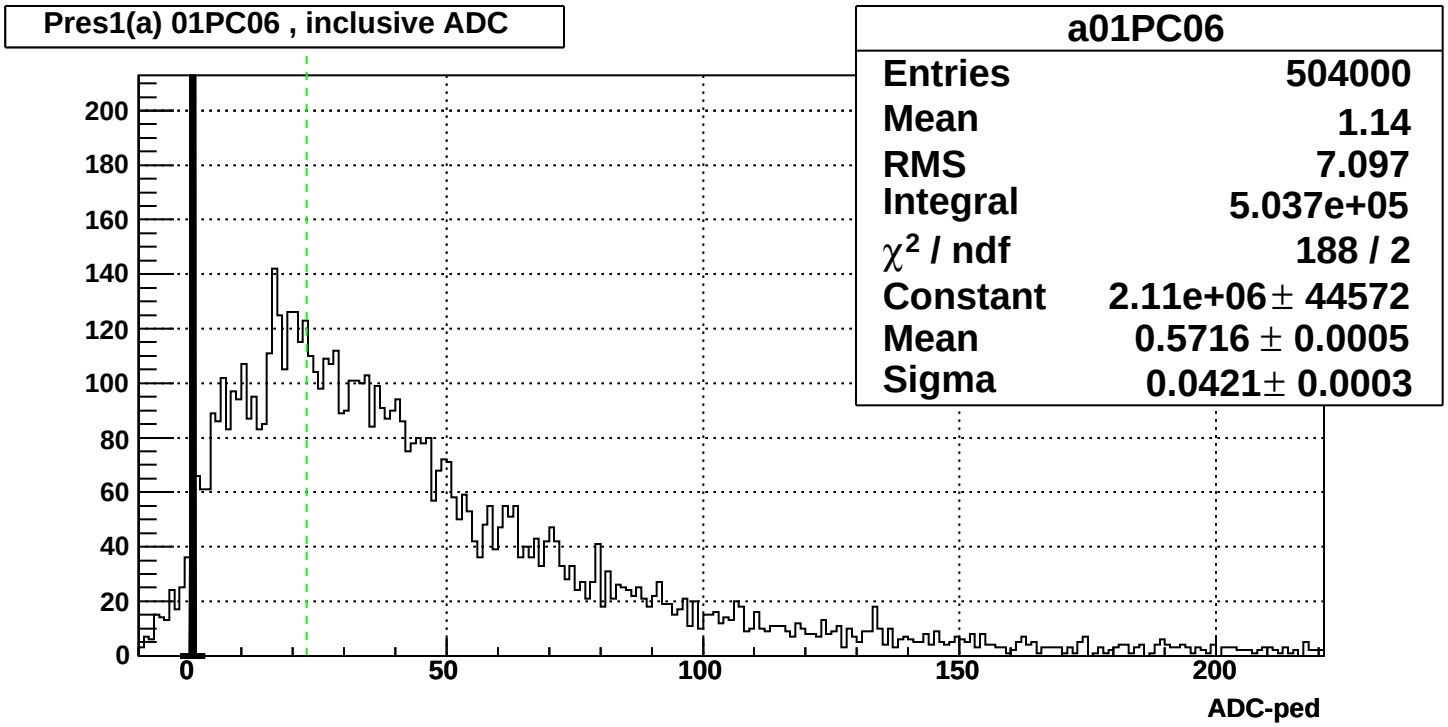
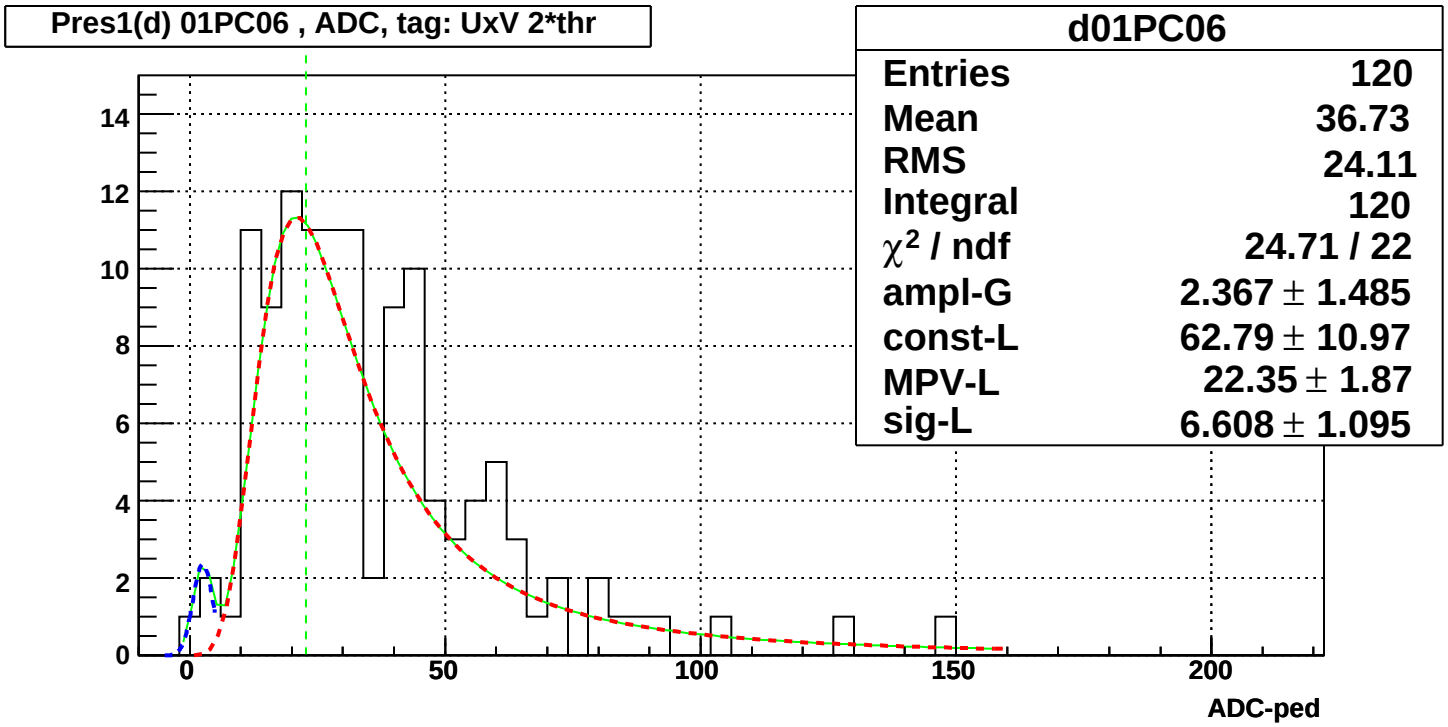

Pres1(a) 01PA06 , inclusive ADC
a01PA06
Entries 504000
Mean 1.164
RMS 7.202
Integral 5.038e+05
χ² / ndf 175 / 2
Constant 1.944e+06 ± 41089
Mean 0.5726 ± 0.0006
Sigma 0.04393 ± 0.00034
ADC-ped

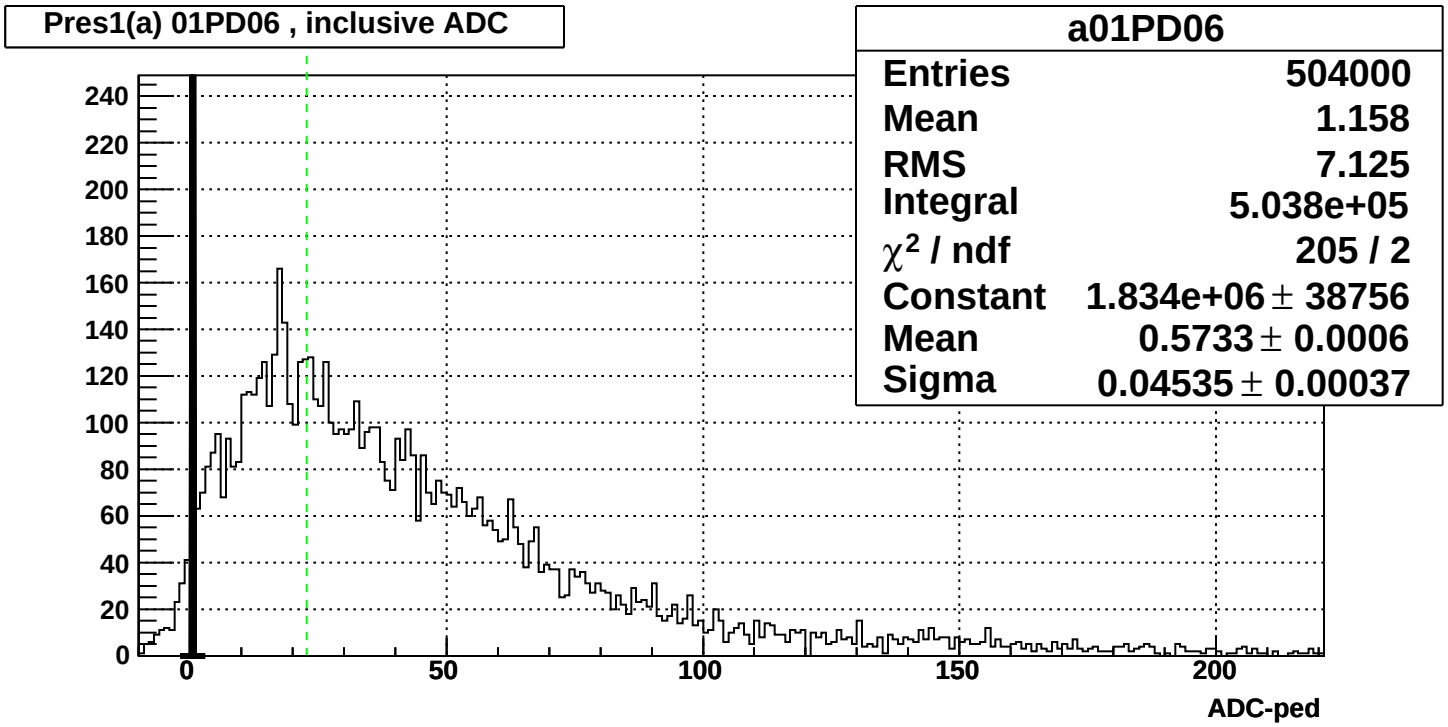

Pres1(d) 01PA06 , ADC, tag: UxV 2*thr
d01PA06
Entries 102
Mean 33.62
RMS 25.68
Integral 101
χ² / ndf 10.2 / 19
ampl-G 5.979 ± 4.875
const-L 37.57 ± 7.31
MPV-L 21.78 ± 3.87
sig-L 11.3 ± 3.4
ADC-ped

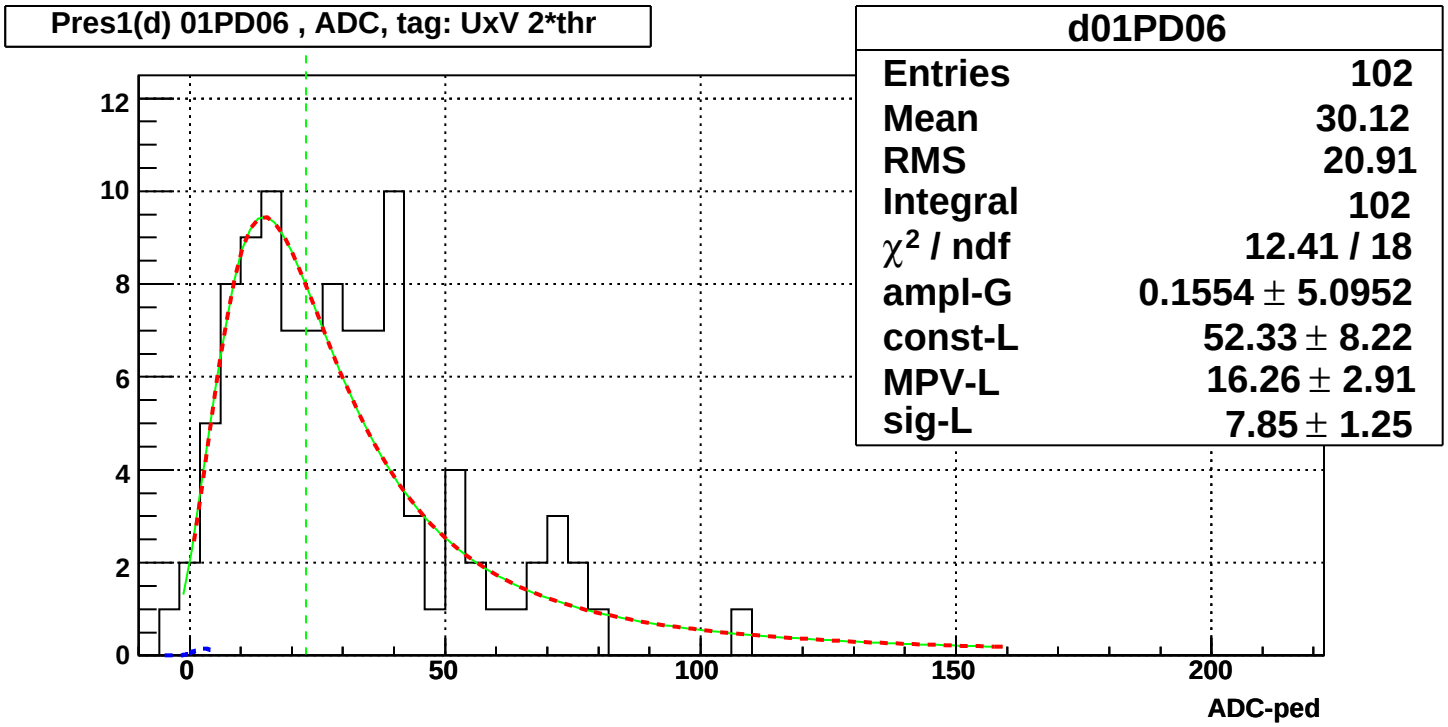

Pres1(a) 01PB06 , inclusive ADC
a01PB06
Entries 504000
Mean 1.149
RMS 7.058
Integral 5.038e+05
χ² / ndf 202 / 2
Constant 1.958e+06 ± 41370
Mean 0.5725 ± 0.0006
Sigma 0.04377 ± 0.00034
ADC-ped

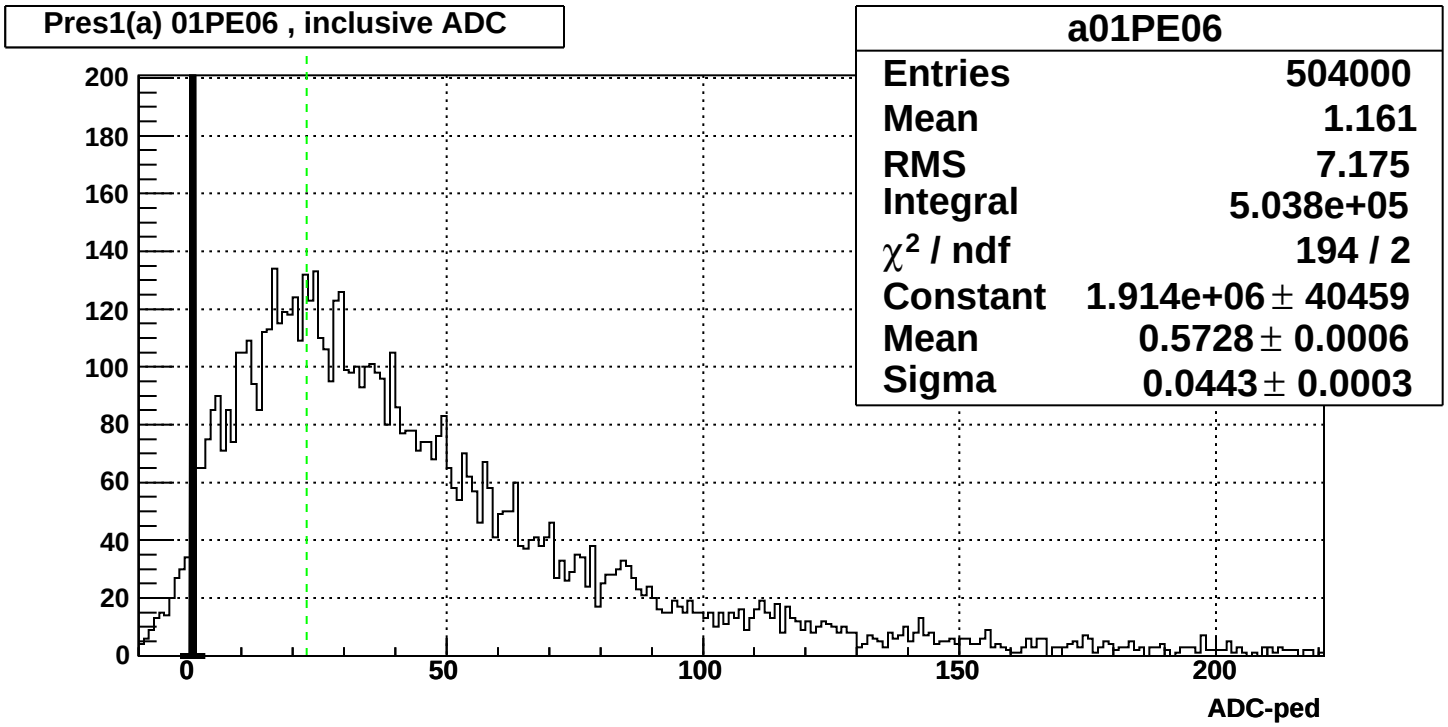

Pres1(d) 01PB06 , ADC, tag: UxV 2*thr
d01PB06
Entries 110
Mean 32.22
RMS 22.34
Integral 110
χ² / ndf 12.64 / 20
ampl-G 5.376 ± 2.483
const-L 50.71 ± 8.94
MPV-L 22.86 ± 1.95
sig-L 8.194 ± 1.536
ADC-ped

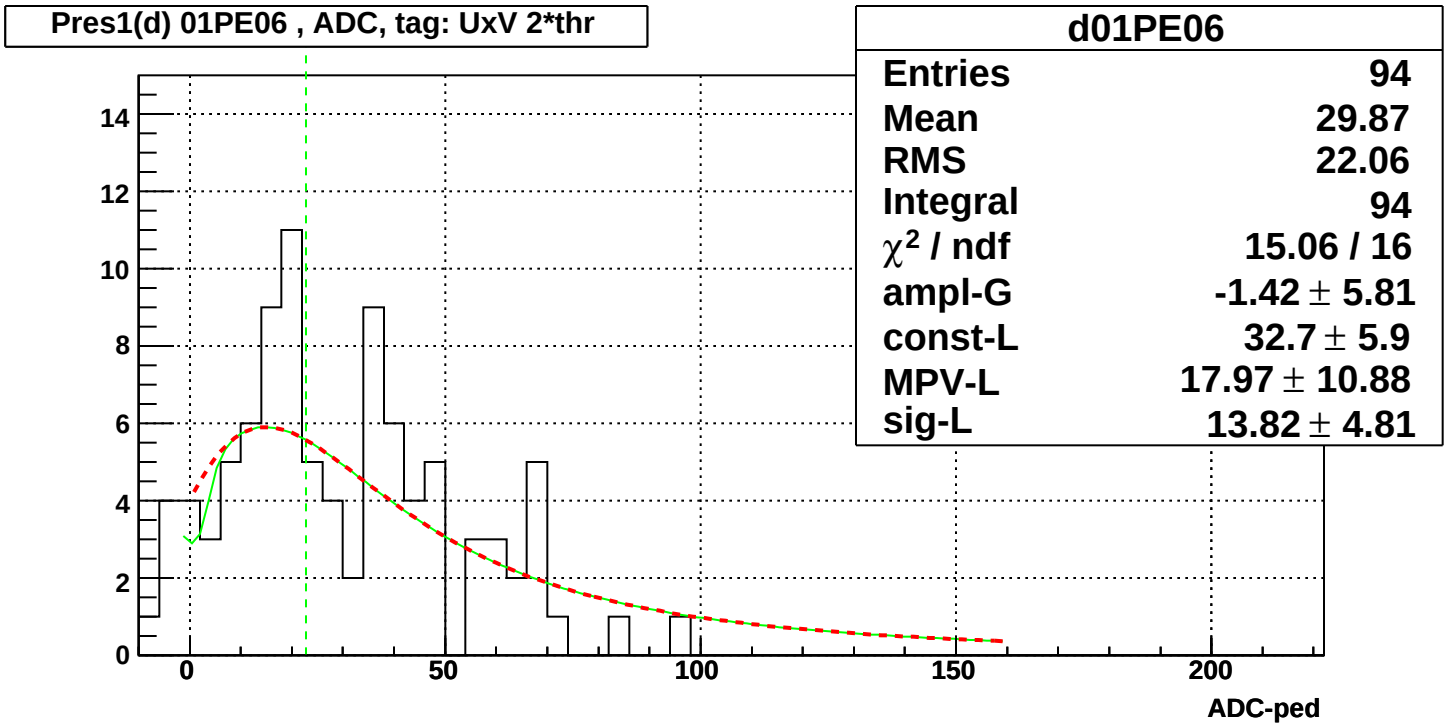

Pres1(a) 01PC06 , inclusive ADC
a01PC06
Entries 504000
Mean 1.14
RMS 7.097
Integral 5.037e+05
χ² / ndf 188 / 2
Constant 2.11e+06 ± 44572
Mean 0.5716 ± 0.0005
Sigma 0.0421 ± 0.0003
ADC-ped

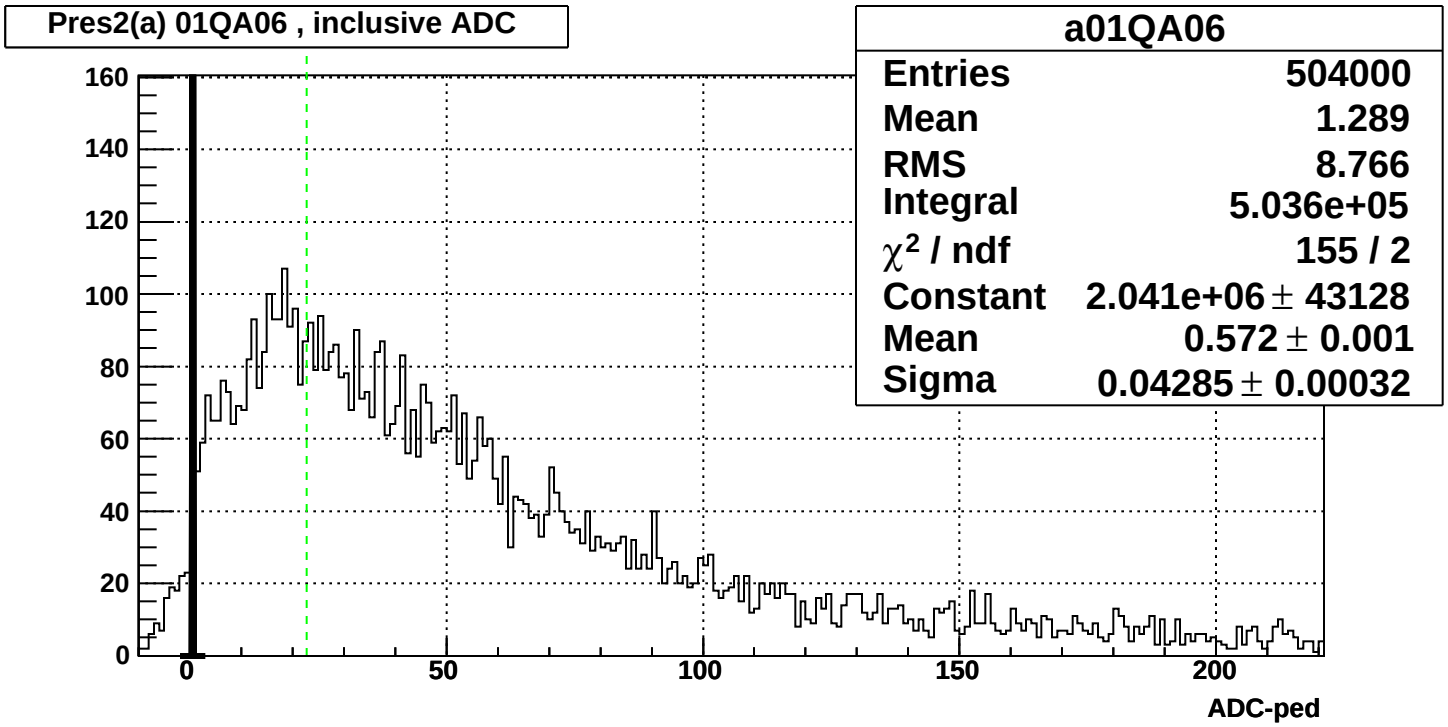

Pres1(d) 01PC06 , ADC, tag: UxV 2*thr
d01PC06
Entries 120
Mean 36.73
RMS 24.11
Integral 120
χ² / ndf 24.71 / 22
ampl-G 2.367 ± 1.485
const-L 62.79 ± 10.97
MPV-L 22.35 ± 1.87
sig-L 6.608 ± 1.095
ADC-ped

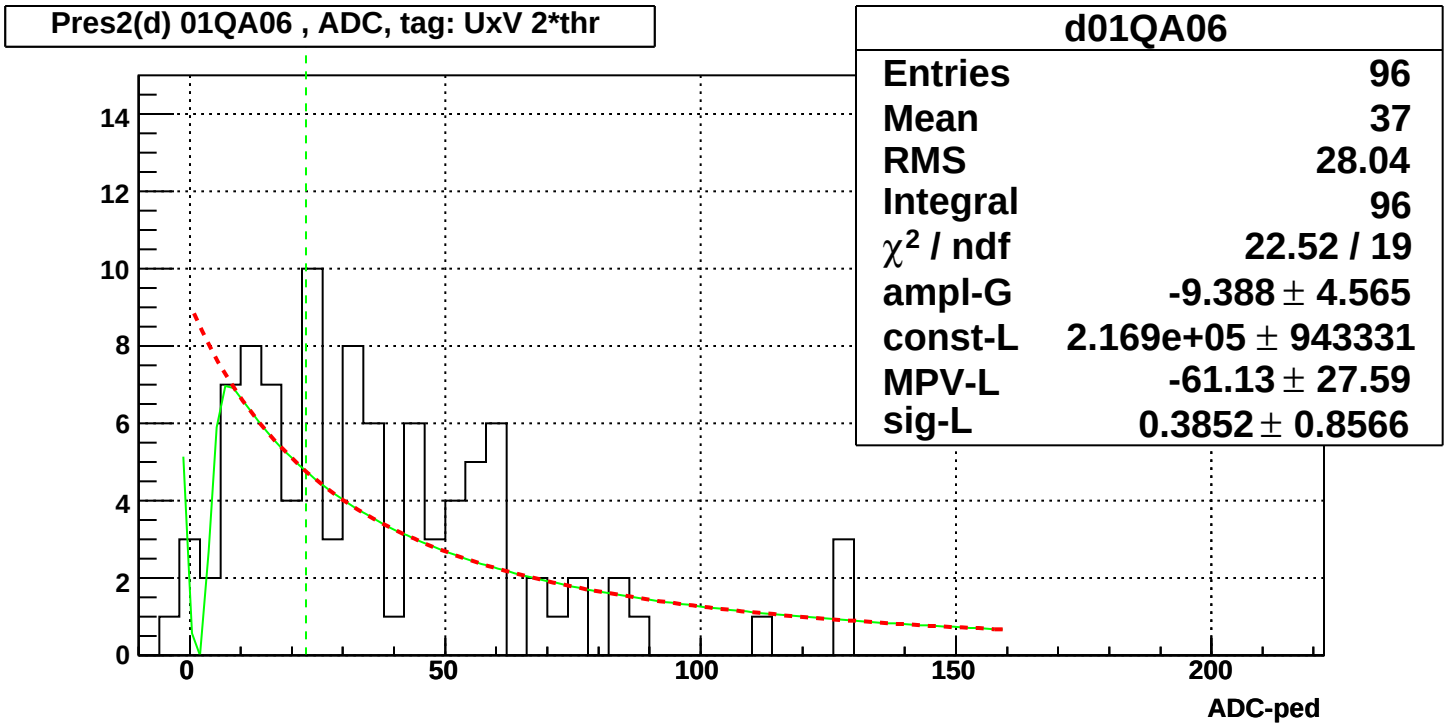

Pres1(a) 01PD06 , inclusive ADC
a01PD06
Entries 504000
Mean 1.158
RMS 7.125
Integral 5.038e+05
χ² / ndf 205 / 2
Constant 1.834e+06 ± 38756
Mean 0.5733 ± 0.0006
Sigma 0.04535 ± 0.00037
ADC-ped

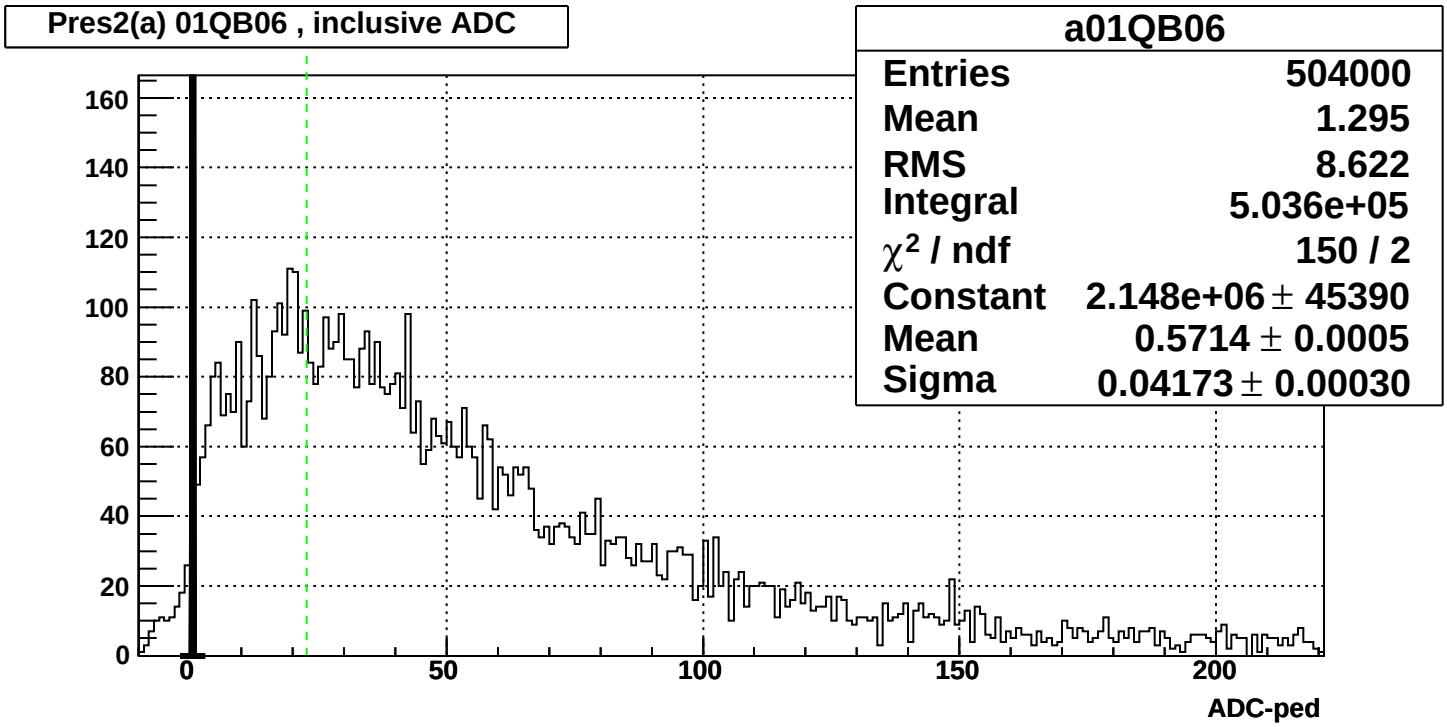

Pres1(d) 01PD06 , ADC, tag: UxV 2*thr
d01PD06
Entries 102
Mean 30.12
RMS 20.91
Integral 102
χ² / ndf 12.41 / 18
ampl-G 0.1554 ± 5.0952
const-L 52.33 ± 8.22
MPV-L 16.26 ± 2.91
sig-L 7.85 ± 1.25
ADC-ped

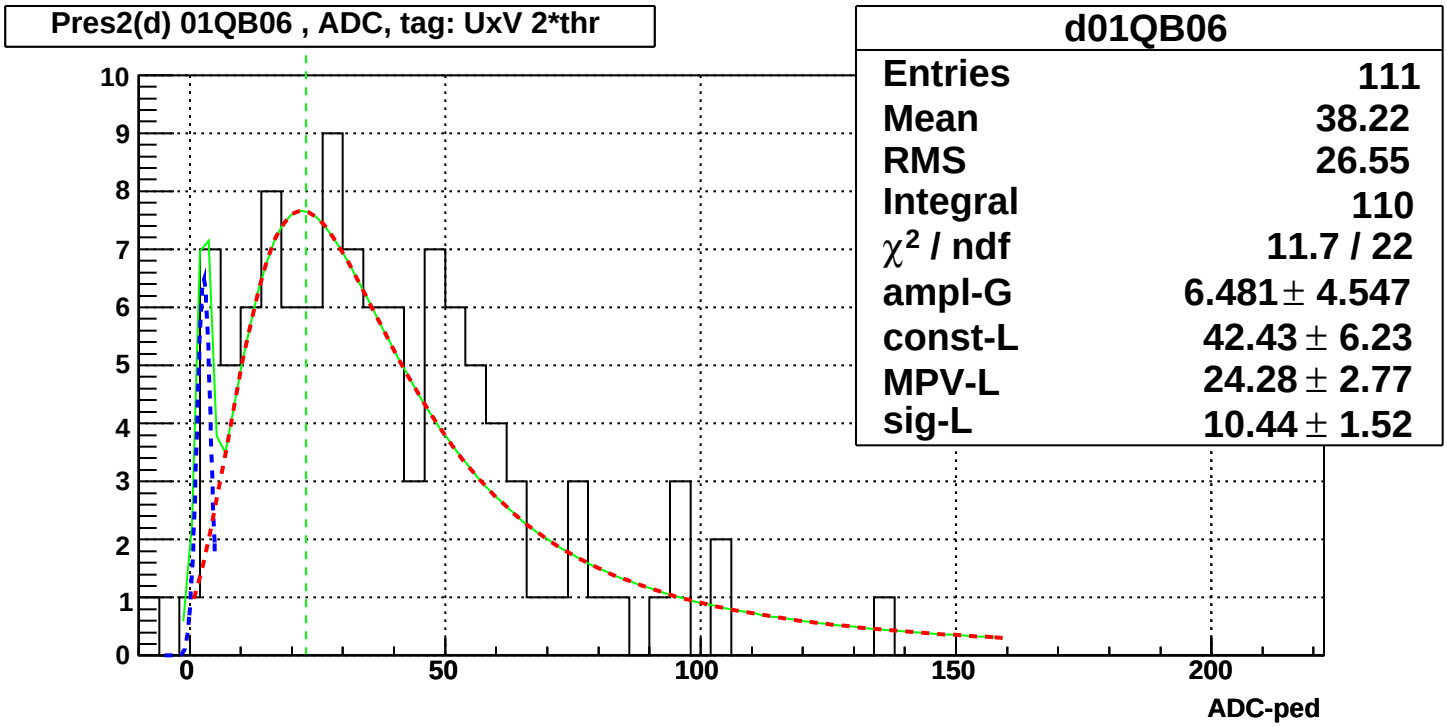

Pres1(a) 01PE06 , inclusive ADC
a01PE06
Entries 504000
Mean 1.161
RMS 7.175
Integral 5.038e+05
χ² / ndf 194 / 2
Constant 1.914e+06 ± 40459
Mean 0.5728 ± 0.0006
Sigma 0.0443 ± 0.0003
ADC-ped

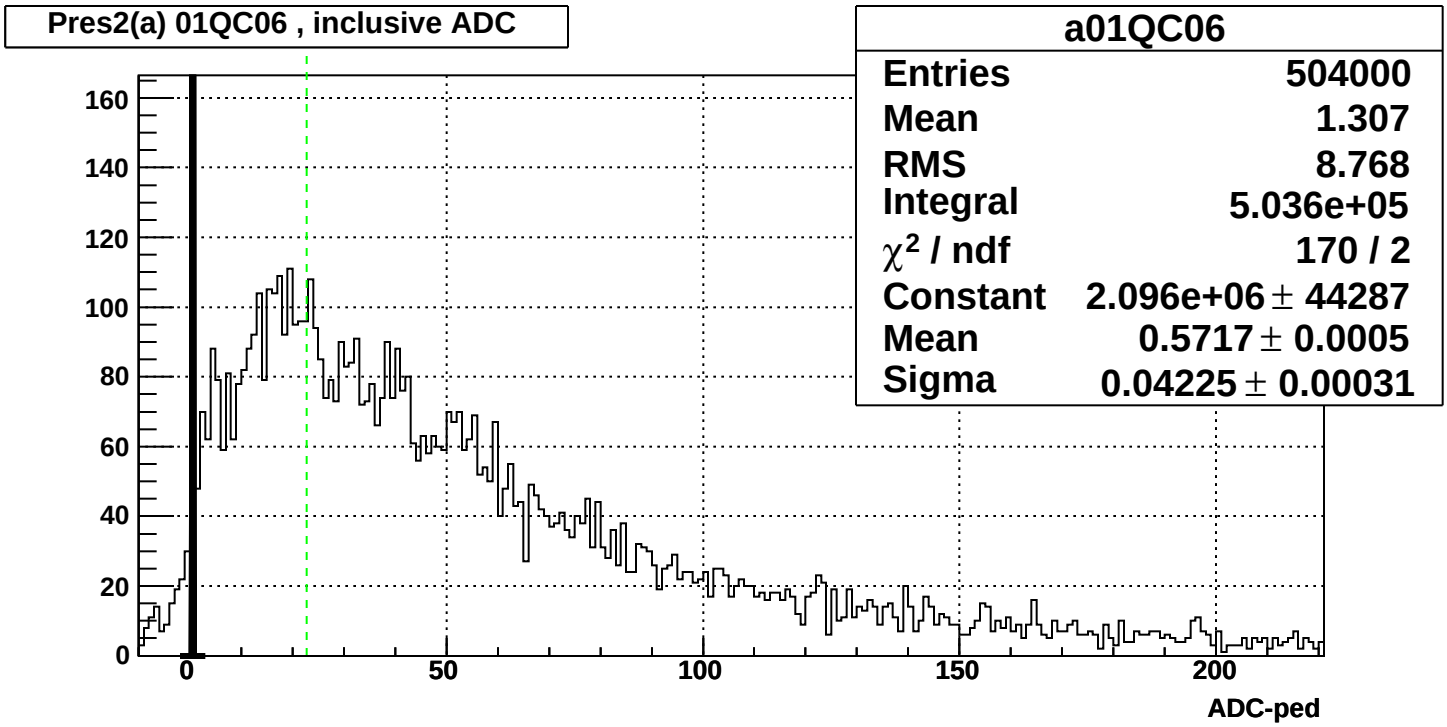

Pres1(d) 01PE06 , ADC, tag: UxV 2*thr
d01PE06
Entries 94
Mean 29.87
RMS 22.06
Integral 94
χ² / ndf 15.06 / 16
ampl-G -1.42 ± 5.81
const-L 32.7 ± 5.9
MPV-L 17.97 ± 10.88
sig-L 13.82 ± 4.81
ADC-ped

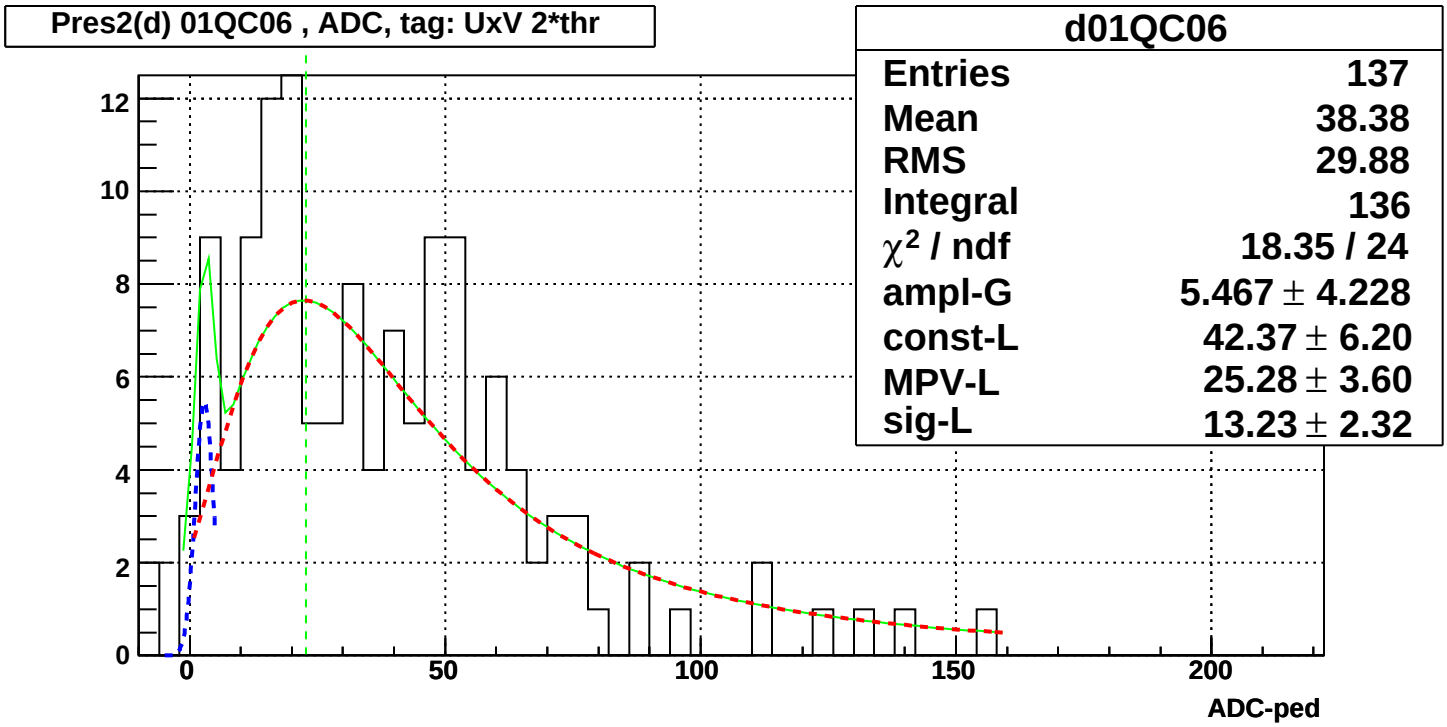

Pres2(a) 01QA06 , inclusive ADC
a01QA06
Entries 504000
Mean 1.289
RMS 8.766
Integral 5.036e+05
χ² / ndf 155 / 2
Constant 2.041e+06 ± 43128
Mean 0.572 ± 0.001
Sigma 0.04285 ± 0.00032
ADC-ped

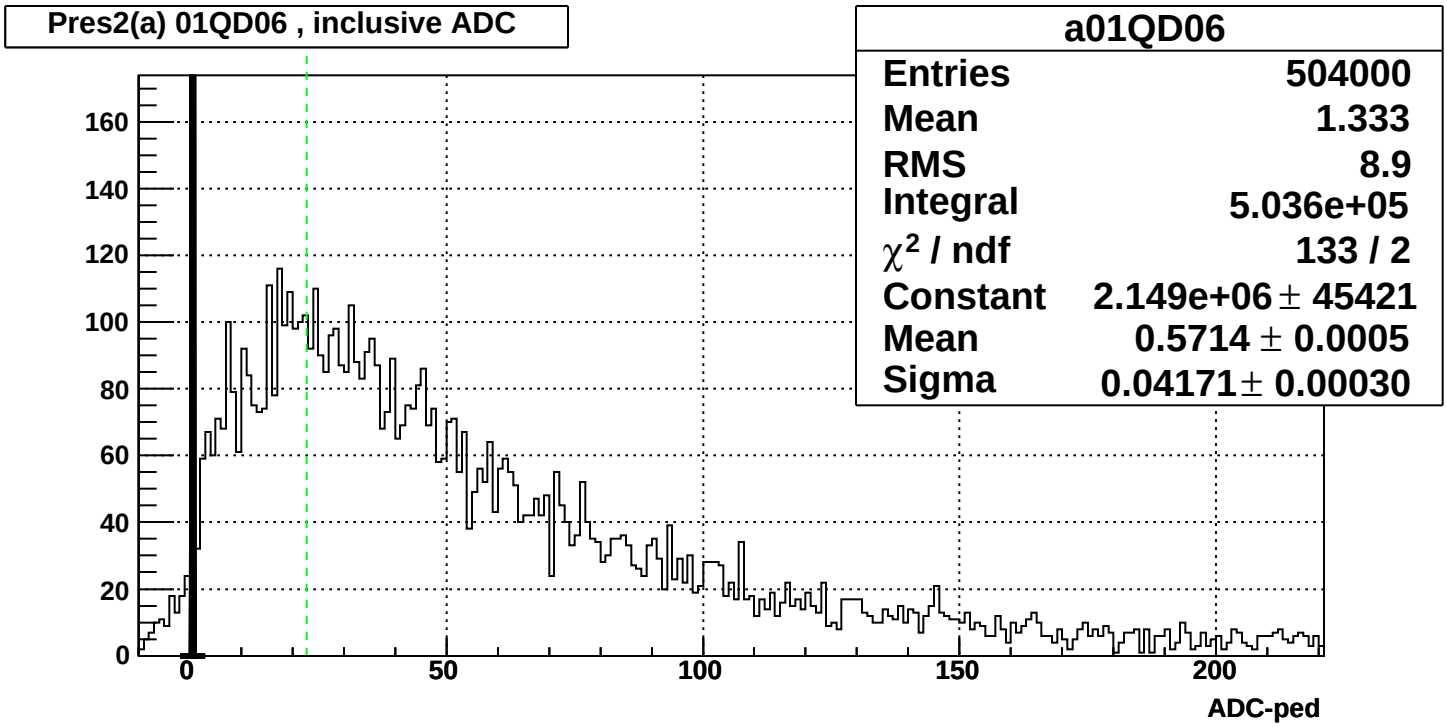

Pres2(d) 01QA06 , ADC, tag: UxV 2*thr
d01QA06
Entries 96
Mean 37
RMS 28.04
Integral 96
χ² / ndf 22.52 / 19
ampl-G -9.388 ± 4.565
const-L 2.169e+05 ± 943331
MPV-L -61.13 ± 27.59
sig-L 0.3852 ± 0.8566
ADC-ped

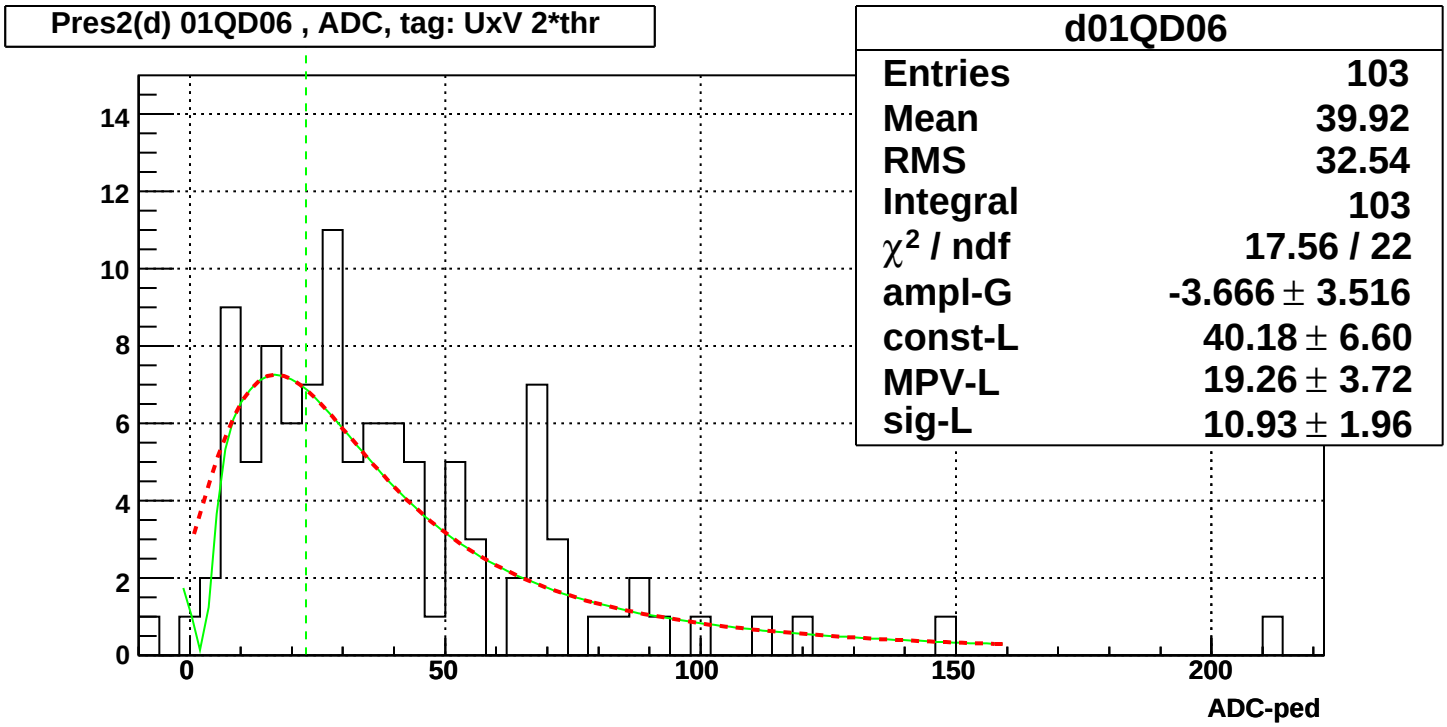

Pres2(a) 01QB06 , inclusive ADC
a01QB06
Entries 504000
Mean 1.295
RMS 8.622
Integral 5.036e+05
χ² / ndf 150 / 2
Constant 2.148e+06 ± 45390
Mean 0.5714 ± 0.0005
Sigma 0.04173 ± 0.00030
ADC-ped

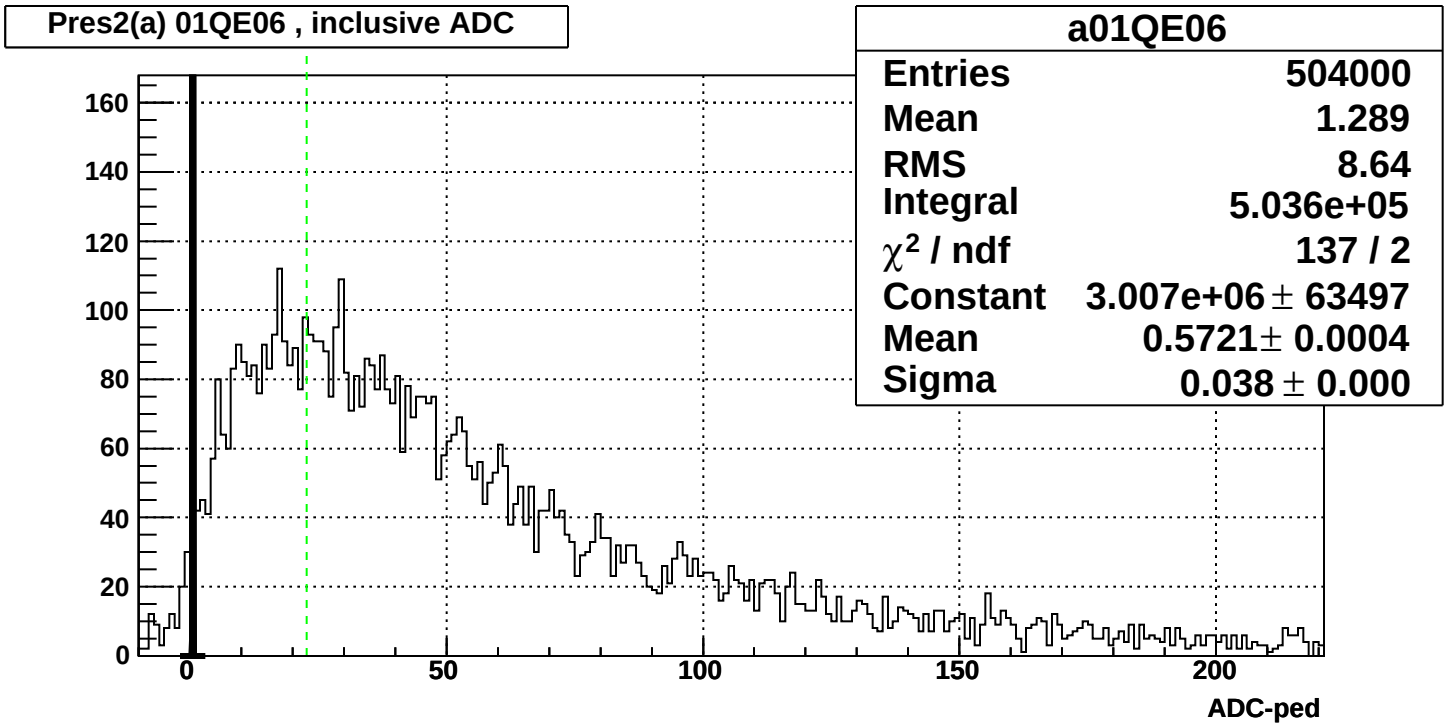

Pres2(d) 01QB06 , ADC, tag: UxV 2*thr
d01QB06
Entries 111
Mean 38.22
RMS 26.55
Integral 110
χ² / ndf 11.7 / 22
ampl-G 6.481 ± 4.547
const-L 42.43 ± 6.23
MPV-L 24.28 ± 2.77
sig-L 10.44 ± 1.52
ADC-ped

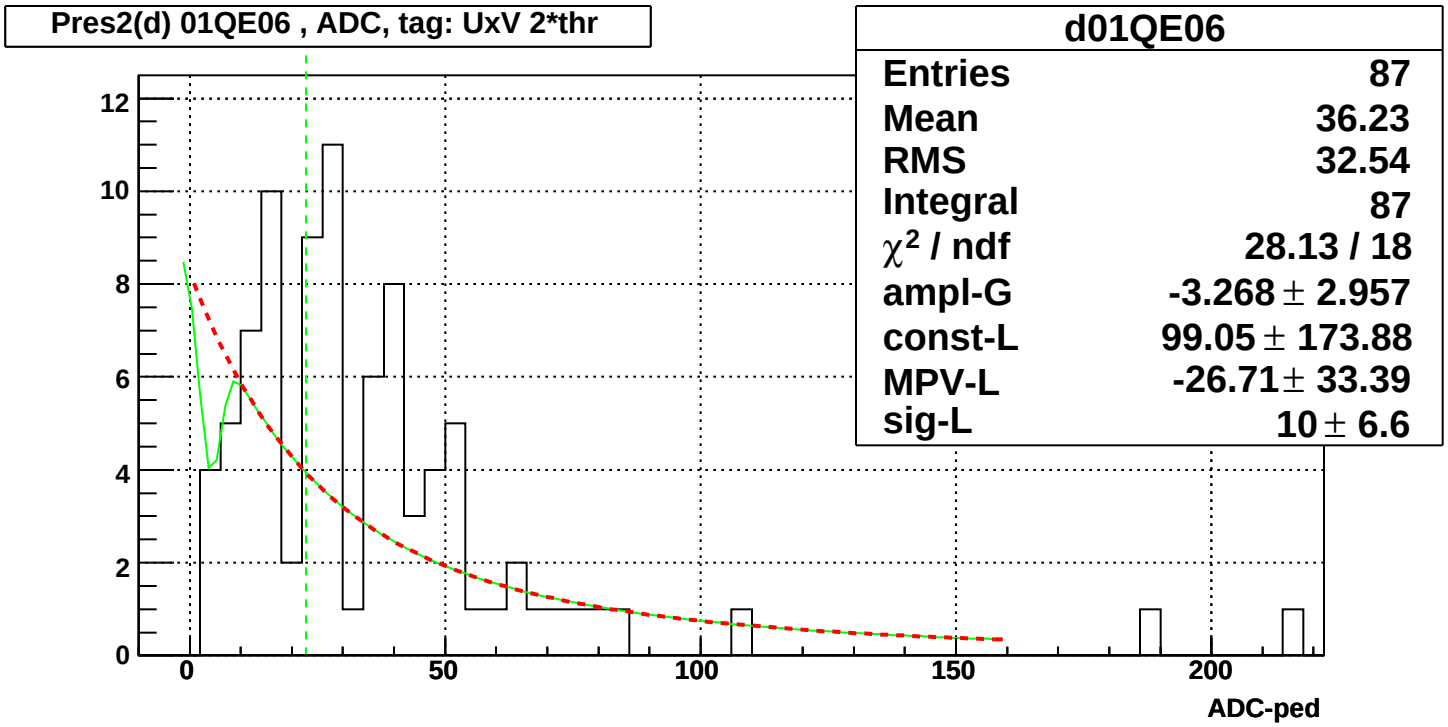

Pres2(a) 01QC06 , inclusive ADC
a01QC06
Entries 504000
Mean 1.307
RMS 8.768
Integral 5.036e+05
χ² / ndf 170 / 2
Constant 2.096e+06 ± 44287
Mean 0.5717 ± 0.0005
Sigma 0.04225 ± 0.00031
ADC-ped

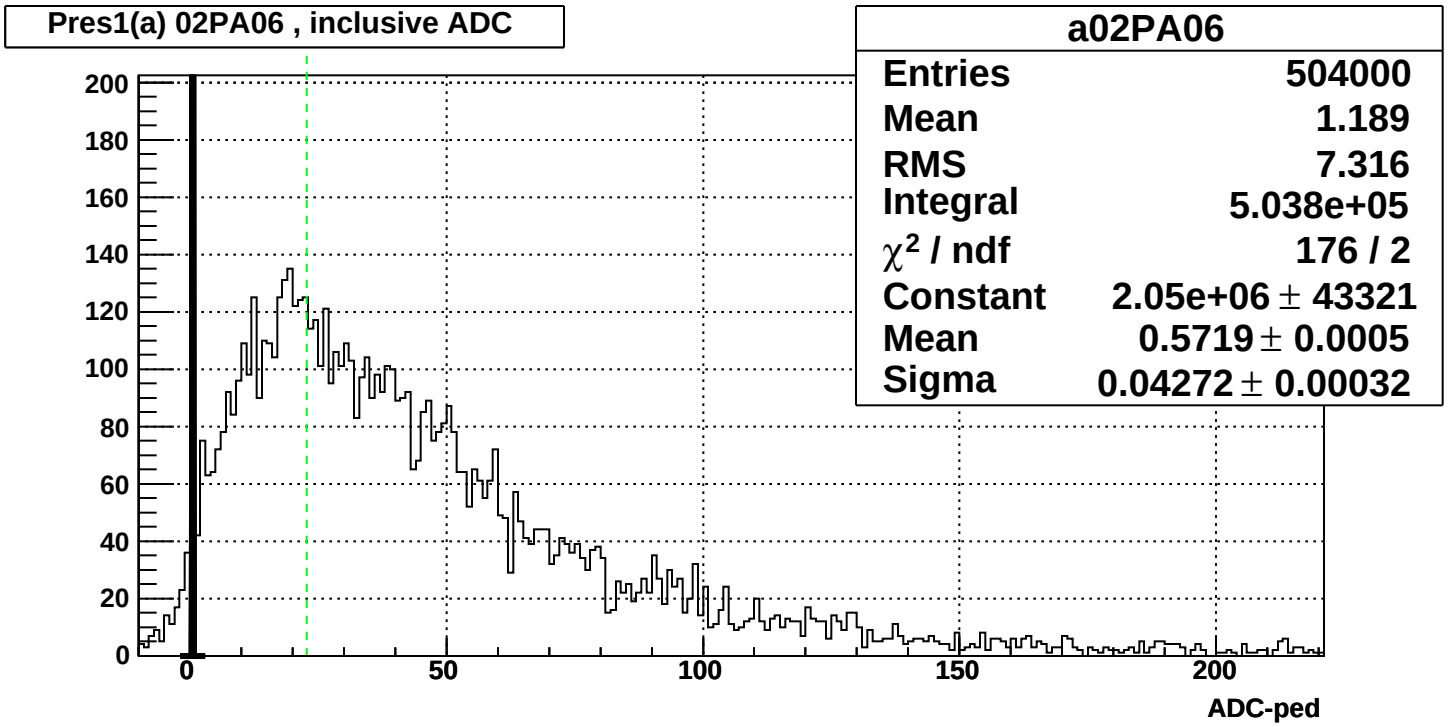

Pres2(d) 01QC06 , ADC, tag: UxV 2*thr
d01QC06
Entries 137
Mean 38.38
RMS 29.88
Integral 136
χ² / ndf 18.35 / 24
ampl-G 5.467 ± 4.228
const-L 42.37 ± 6.20
MPV-L 25.28 ± 3.60
sig-L 13.23 ± 2.32
ADC-ped

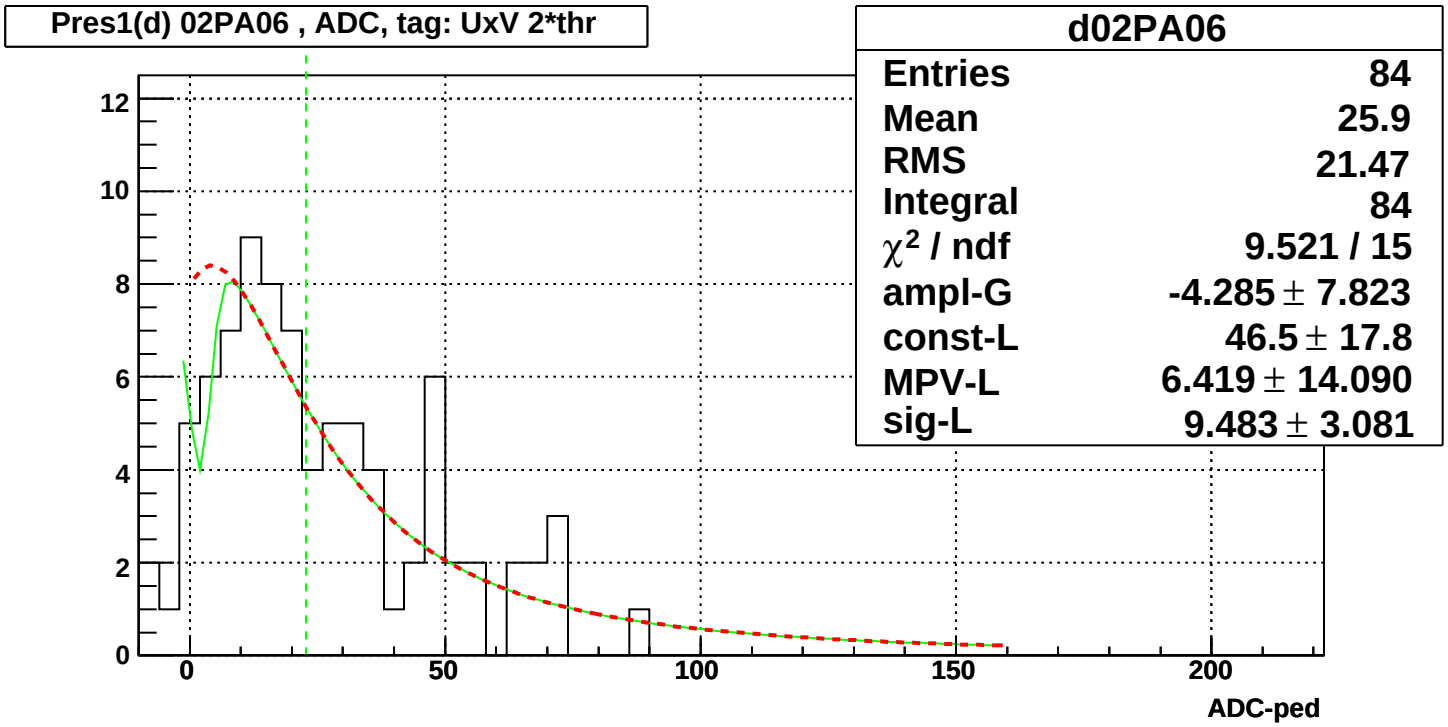

Pres2(a) 01QD06 , inclusive ADC
a01QD06
Entries 504000
Mean 1.333
RMS 8.9
Integral 5.036e+05
χ² / ndf 133 / 2
Constant 2.149e+06 ± 45421
Mean 0.5714 ± 0.0005
Sigma 0.04171 ± 0.00030
ADC-ped

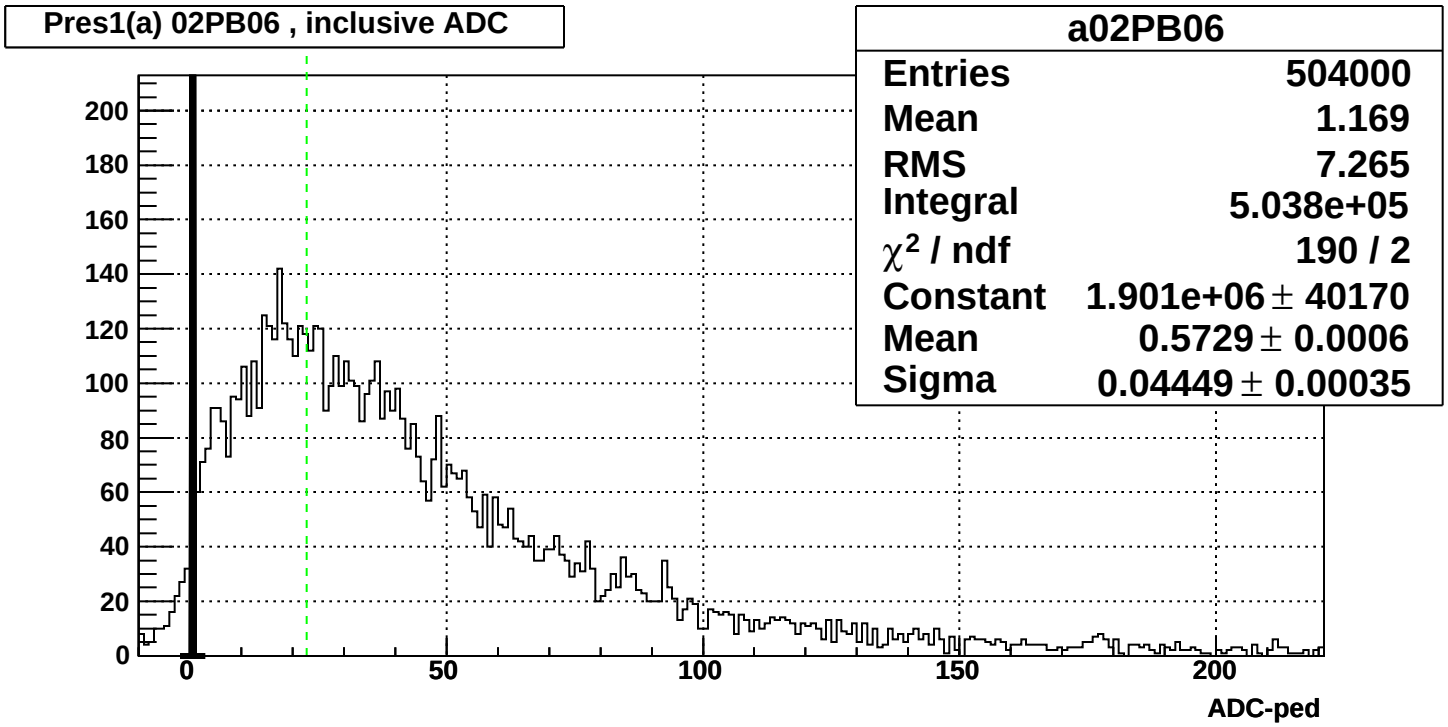

Pres2(d) 01QD06 , ADC, tag: UxV 2*thr
d01QD06
Entries 103
Mean 39.92
RMS 32.54
Integral 103
χ² / ndf 17.56 / 22
ampl-G -3.666 ± 3.516
const-L 40.18 ± 6.60
MPV-L 19.26 ± 3.72
sig-L 10.93 ± 1.96
ADC-ped

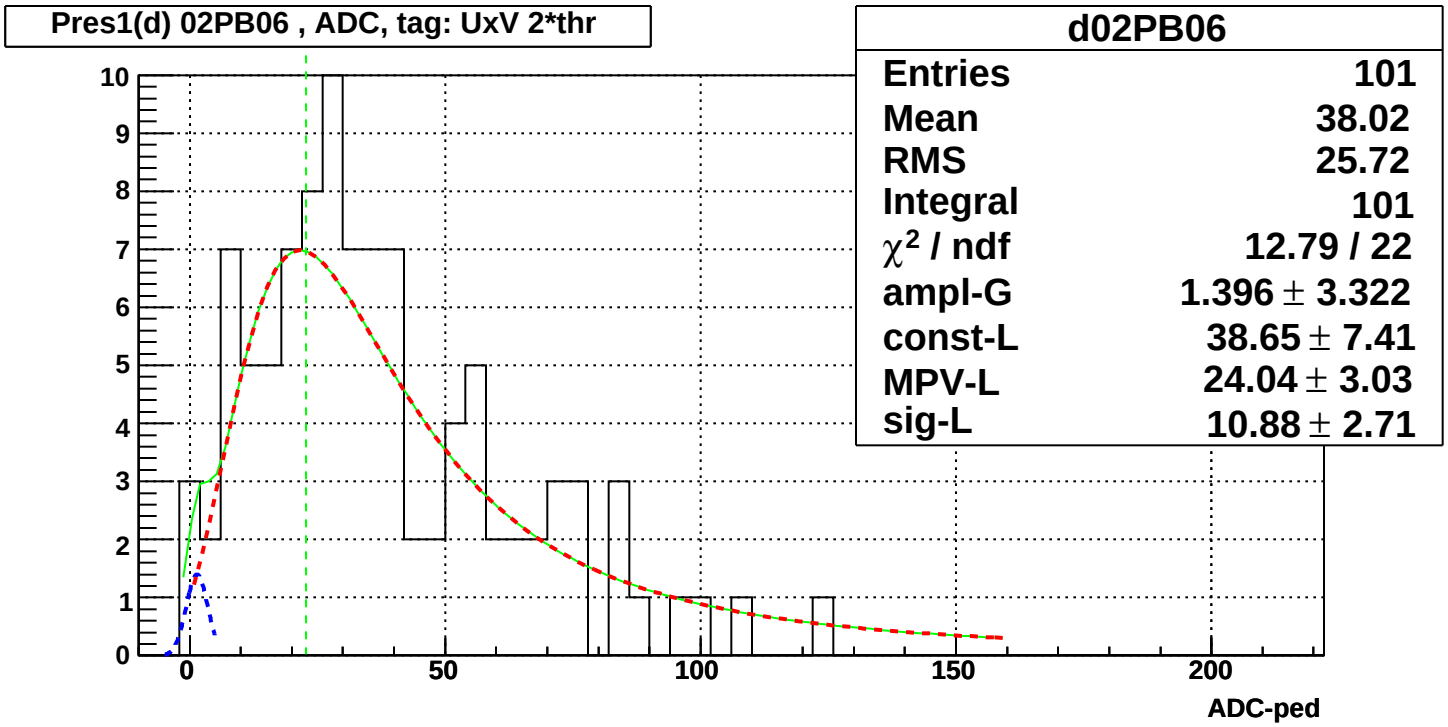

Pres2(a) 01QE06 , inclusive ADC
a01QE06
Entries 504000
Mean 1.289
RMS 8.64
Integral 5.036e+05
χ² / ndf 137 / 2
Constant 3.007e+06 ± 63497
Mean 0.5721 ± 0.0004
Sigma 0.038 ± 0.000
ADC-ped

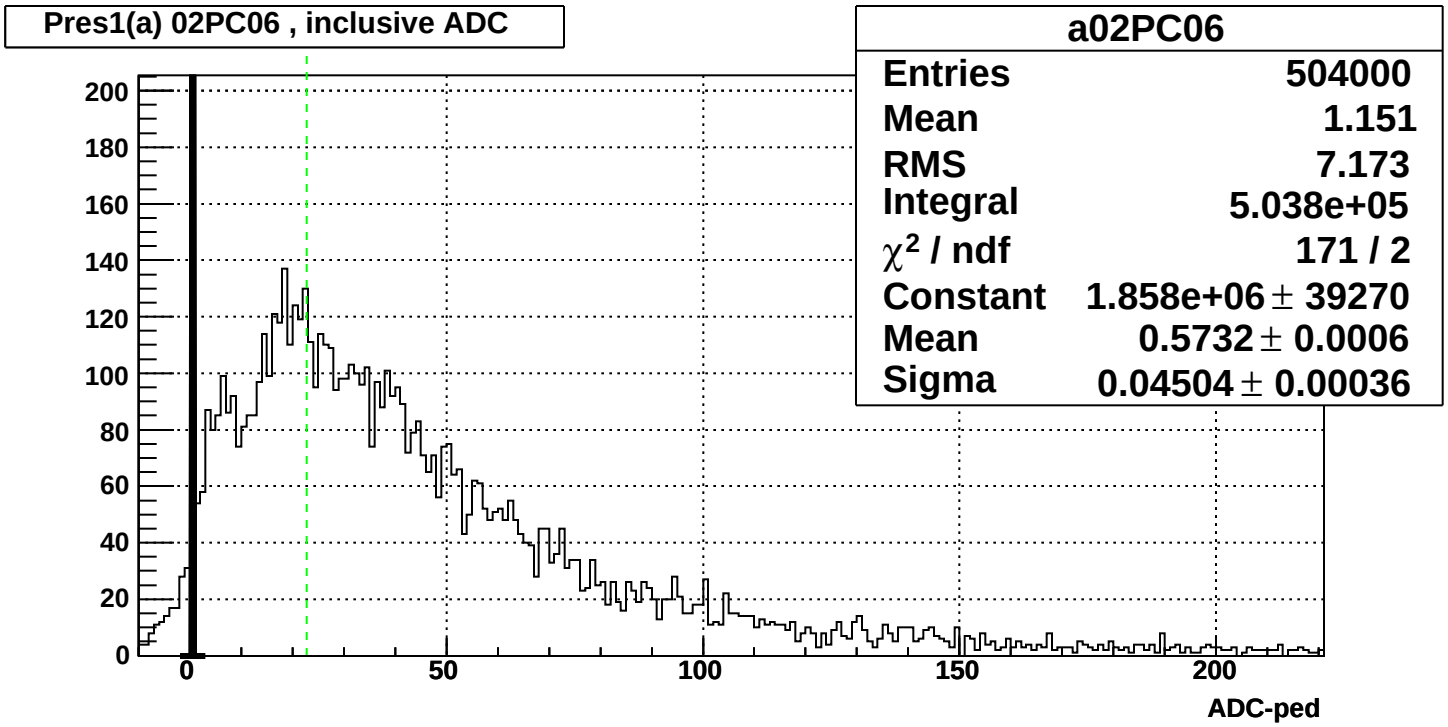

Pres2(d) 01QE06 , ADC, tag: UxV 2*thr
d01QE06
Entries 87
Mean 36.23
RMS 32.54
Integral 87
χ² / ndf 28.13 / 18
ampl-G -3.268 ± 2.957
const-L 99.05 ± 173.88
MPV-L -26.71 ± 33.39
sig-L 10 ± 6.6
ADC-ped

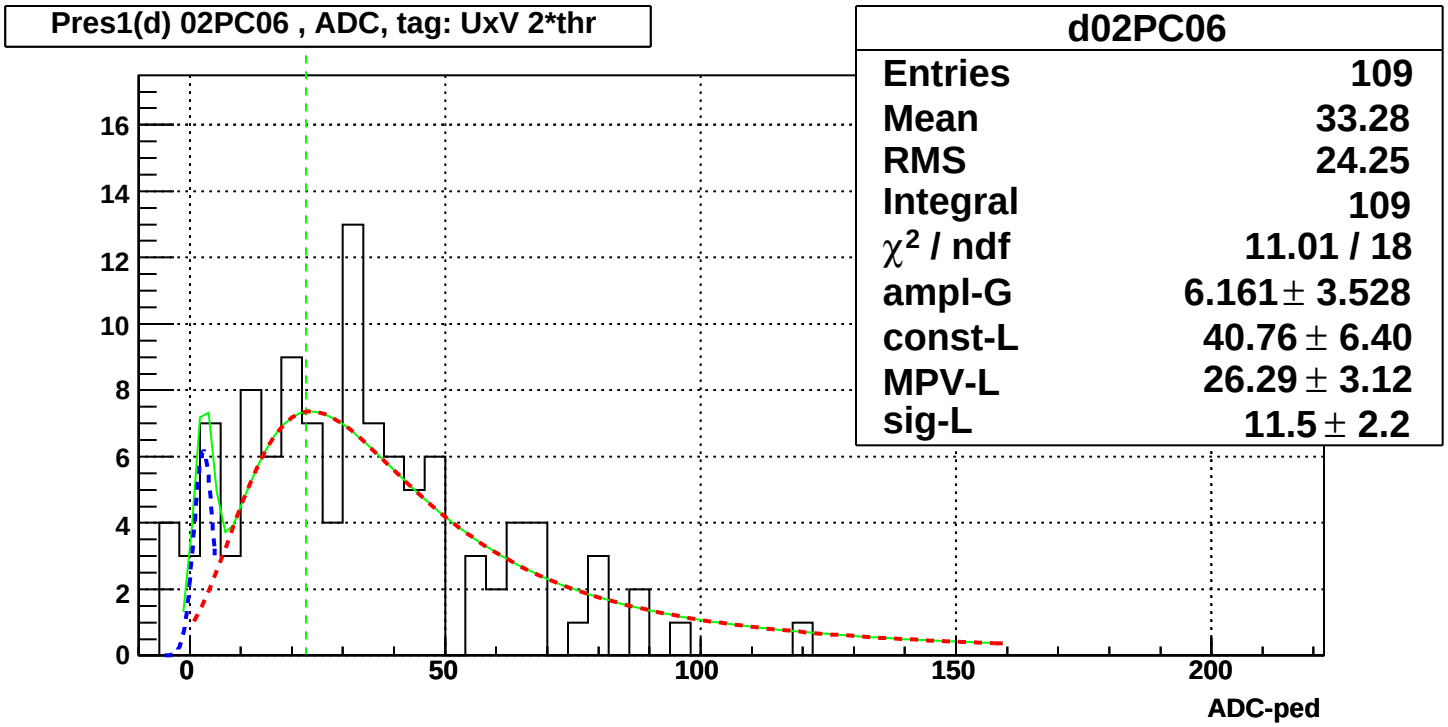

Pres1(a) 02PA06 , inclusive ADC
a02PA06
Entries 504000
Mean 1.189
RMS 7.316
Integral 5.038e+05
χ² / ndf 176 / 2
Constant 2.05e+06 ± 43321
Mean 0.5719 ± 0.0005
Sigma 0.04272 ± 0.00032
ADC-ped

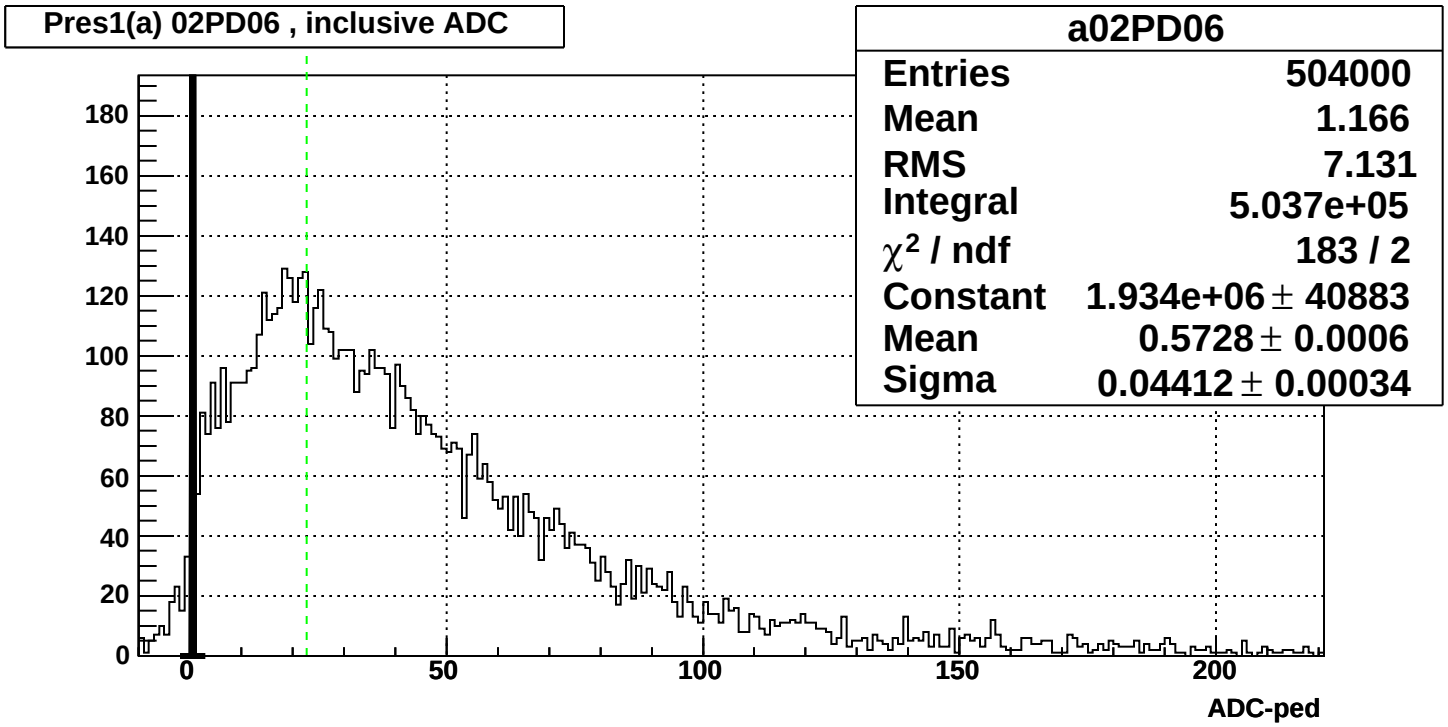

Pres1(d) 02PA06 , ADC, tag: UxV 2*thr
d02PA06
Entries 84
Mean 25.9
RMS 21.47
Integral 84
χ² / ndf 9.521 / 15
ampl-G -4.285 ± 7.823
const-L 46.5 ± 17.8
MPV-L 6.419 ± 14.090
sig-L 9.483 ± 3.081
ADC-ped

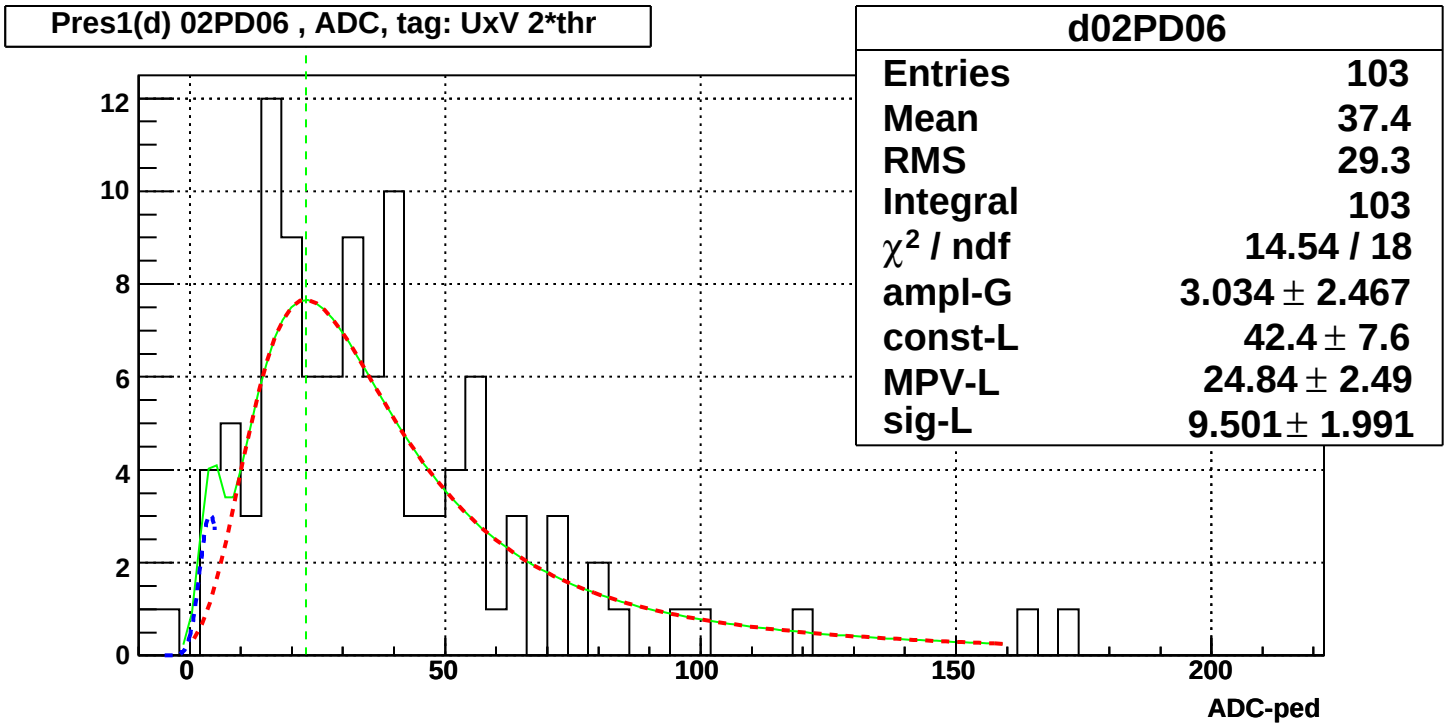

Pres1(a) 02PB06 , inclusive ADC
a02PB06
Entries 504000
Mean 1.169
RMS 7.265
Integral 5.038e+05
χ² / ndf 190 / 2
Constant 1.901e+06 ± 40170
Mean 0.5729 ± 0.0006
Sigma 0.04449 ± 0.00035
ADC-ped

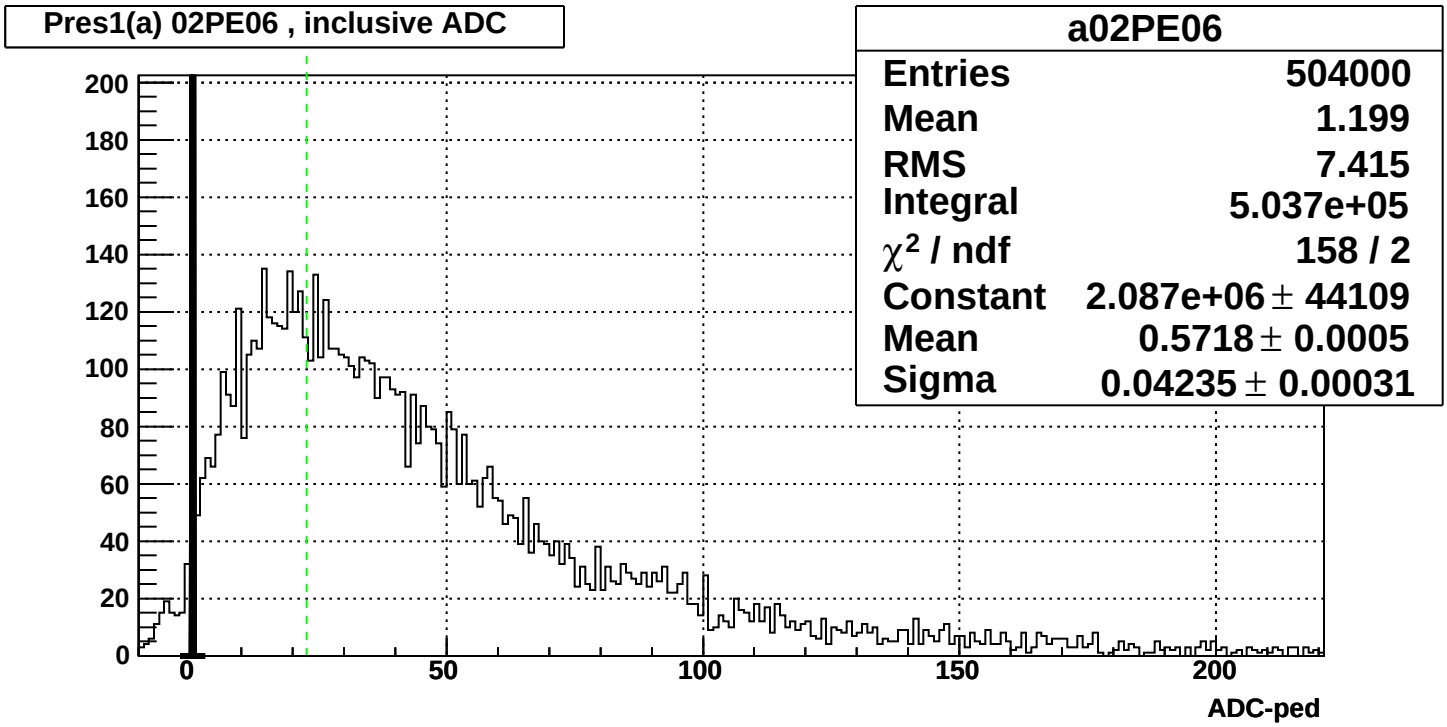

Pres1(d) 02PB06 , ADC, tag: UxV 2*thr
d02PB06
Entries 101
Mean 38.02
RMS 25.72
Integral 101
χ² / ndf 12.79 / 22
ampl-G 1.396 ± 3.322
const-L 38.65 ± 7.41
MPV-L 24.04 ± 3.03
sig-L 10.88 ± 2.71
ADC-ped

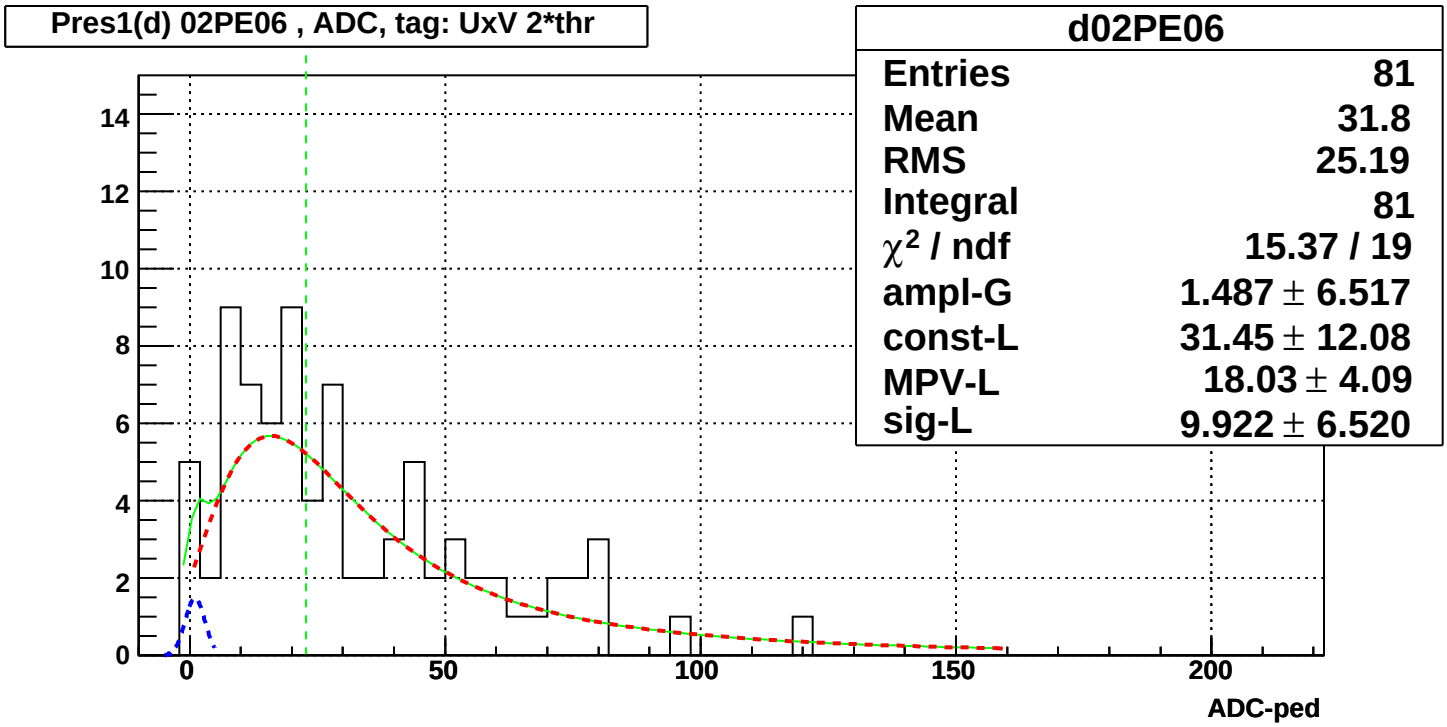

Pres1(a) 02PC06 , inclusive ADC
a02PC06
Entries 504000
Mean 1.151
RMS 7.173
Integral 5.038e+05
χ² / ndf 171 / 2
Constant 1.858e+06 ± 39270
Mean 0.5732 ± 0.0006
Sigma 0.04504 ± 0.00036
ADC-ped

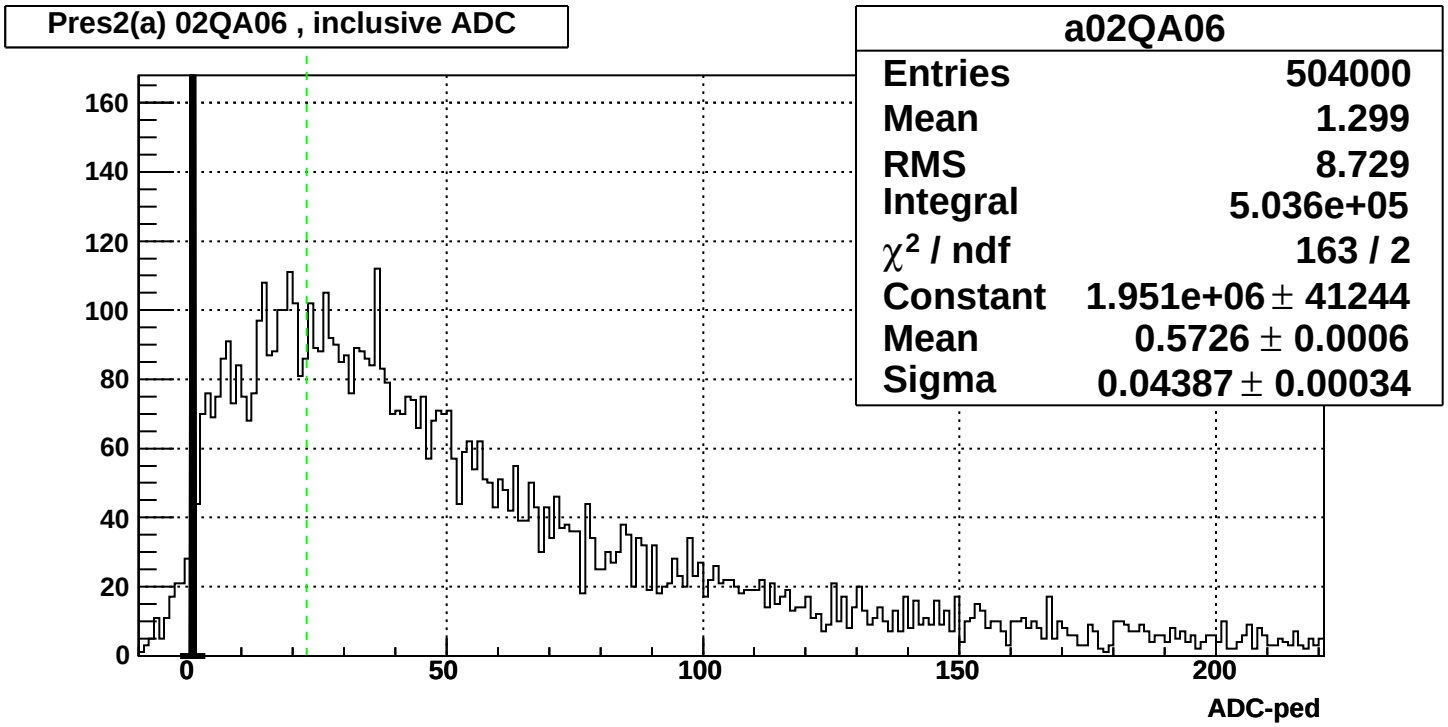

Pres1(d) 02PC06 , ADC, tag: UxV 2*thr
d02PC06
Entries 109
Mean 33.28
RMS 24.25
Integral 109
χ² / ndf 11.01 / 18
ampl-G 6.161 ± 3.528
const-L 40.76 ± 6.40
MPV-L 26.29 ± 3.12
sig-L 11.5 ± 2.2
ADC-ped

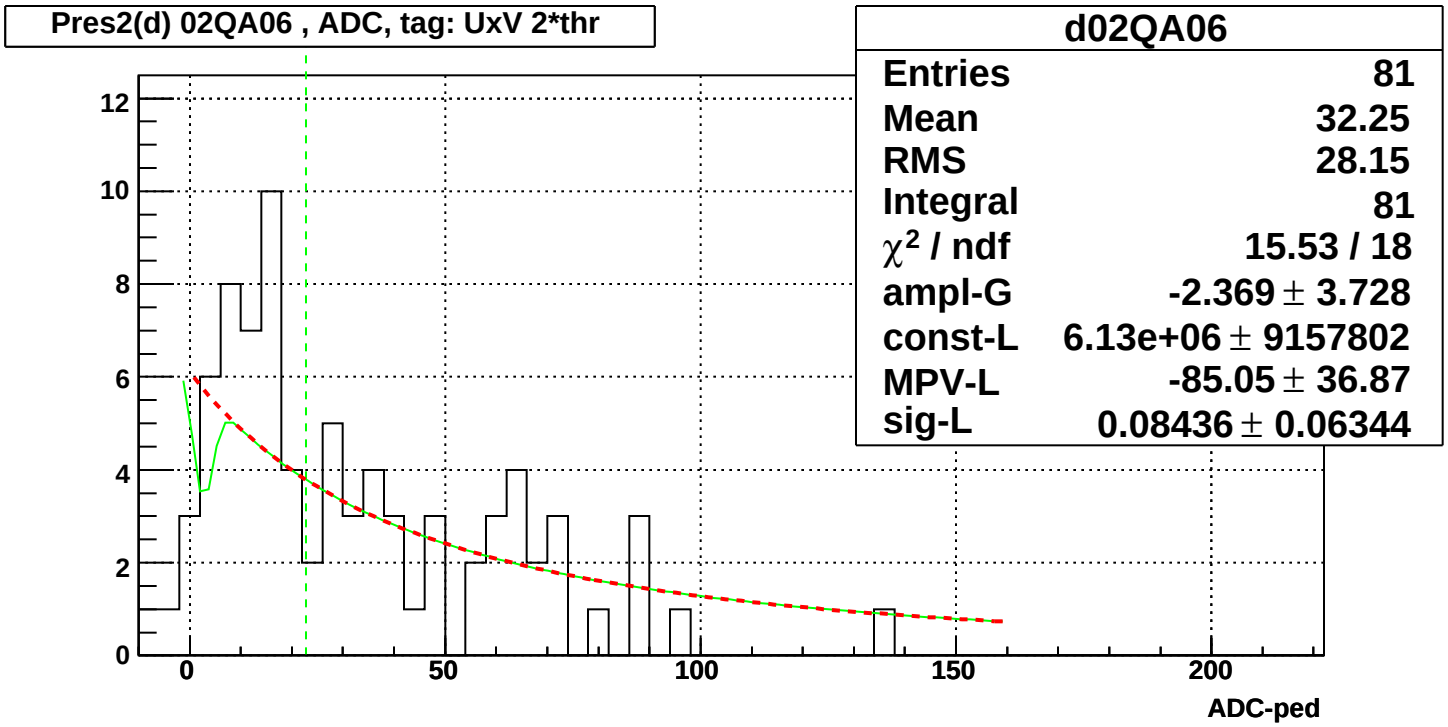

Pres1(a) 02PD06 , inclusive ADC
a02PD06
Entries 504000
Mean 1.166
RMS 7.131
Integral 5.037e+05
χ² / ndf 183 / 2
Constant 1.934e+06 ± 40883
Mean 0.5728 ± 0.0006
Sigma 0.04412 ± 0.00034
ADC-ped

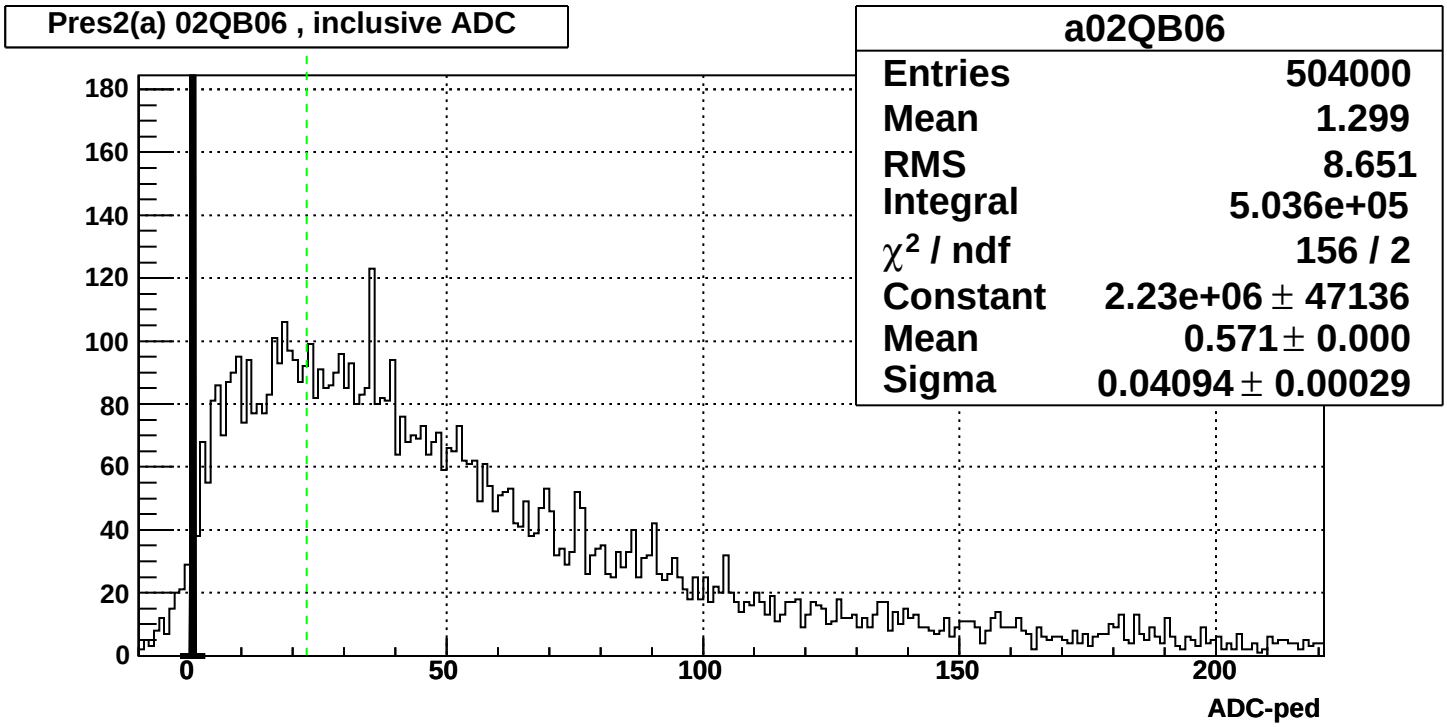

Pres1(d) 02PD06 , ADC, tag: UxV 2*thr
d02PD06
Entries 103
Mean 37.4
RMS 29.3
Integral 103
χ² / ndf 14.54 / 18
ampl-G 3.034 ± 2.467
const-L 42.4 ± 7.6
MPV-L 24.84 ± 2.49
sig-L 9.501 ± 1.991
ADC-ped

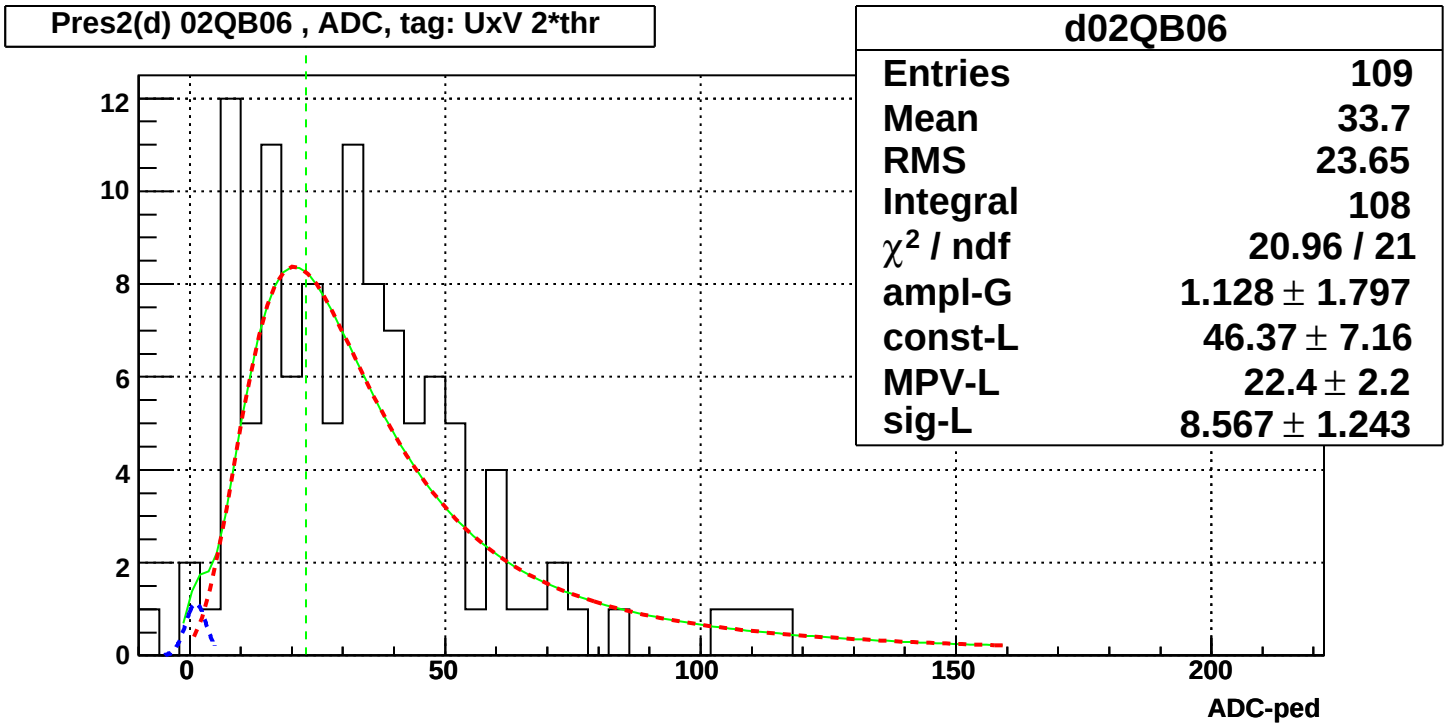

Pres1(a) 02PE06 , inclusive ADC
a02PE06
Entries 504000
Mean 1.199
RMS 7.415
Integral 5.037e+05
χ² / ndf 158 / 2
Constant 2.087e+06 ± 44109
Mean 0.5718 ± 0.0005
Sigma 0.04235 ± 0.00031
ADC-ped

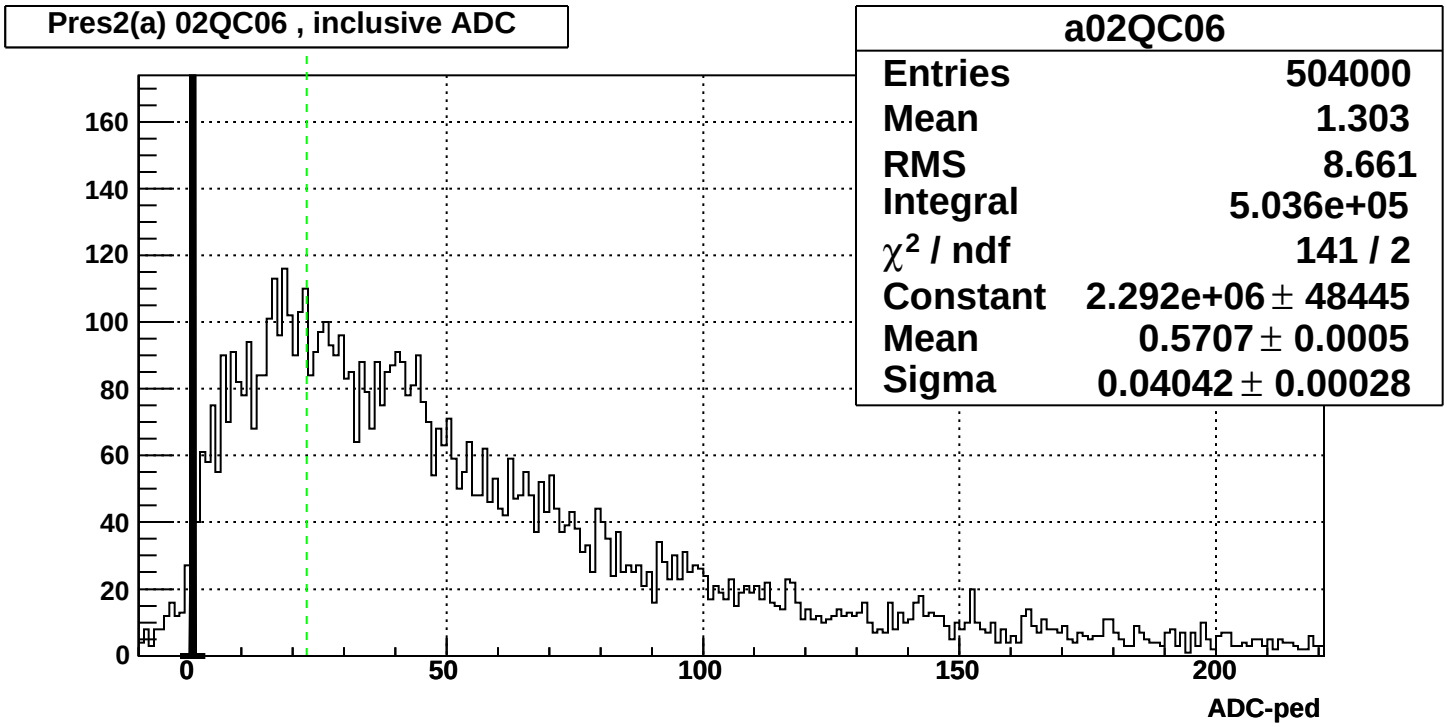

Pres1(d) 02PE06 , ADC, tag: UxV 2*thr
d02PE06
Entries 81
Mean 31.8
RMS 25.19
Integral 81
χ² / ndf 15.37 / 19
ampl-G 1.487 ± 6.517
const-L 31.45 ± 12.08
MPV-L 18.03 ± 4.09
sig-L 9.922 ± 6.520
ADC-ped

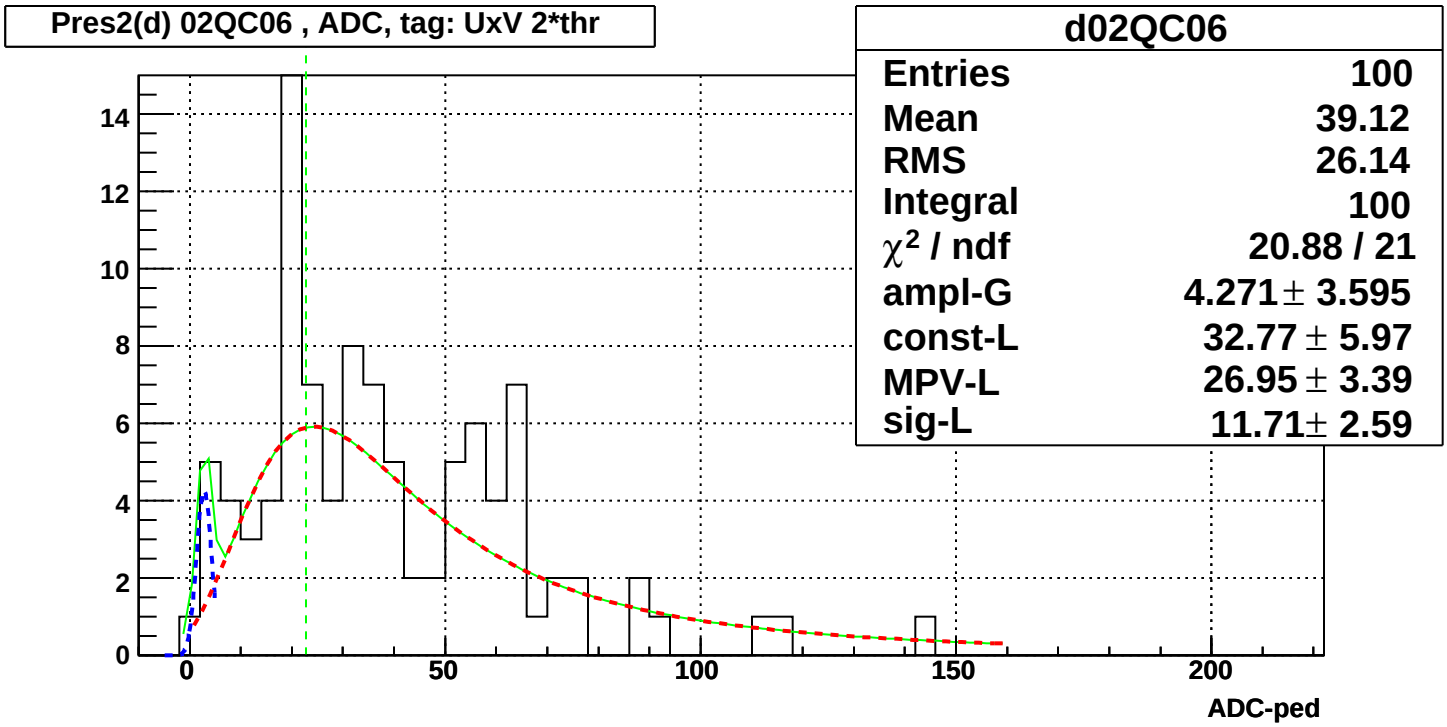

Pres2(a) 02QA06 , inclusive ADC
a02QA06
Entries 504000
Mean 1.299
RMS 8.729
Integral 5.036e+05
χ² / ndf 163 / 2
Constant 1.951e+06 ± 41244
Mean 0.5726 ± 0.0006
Sigma 0.04387 ± 0.00034
ADC-ped

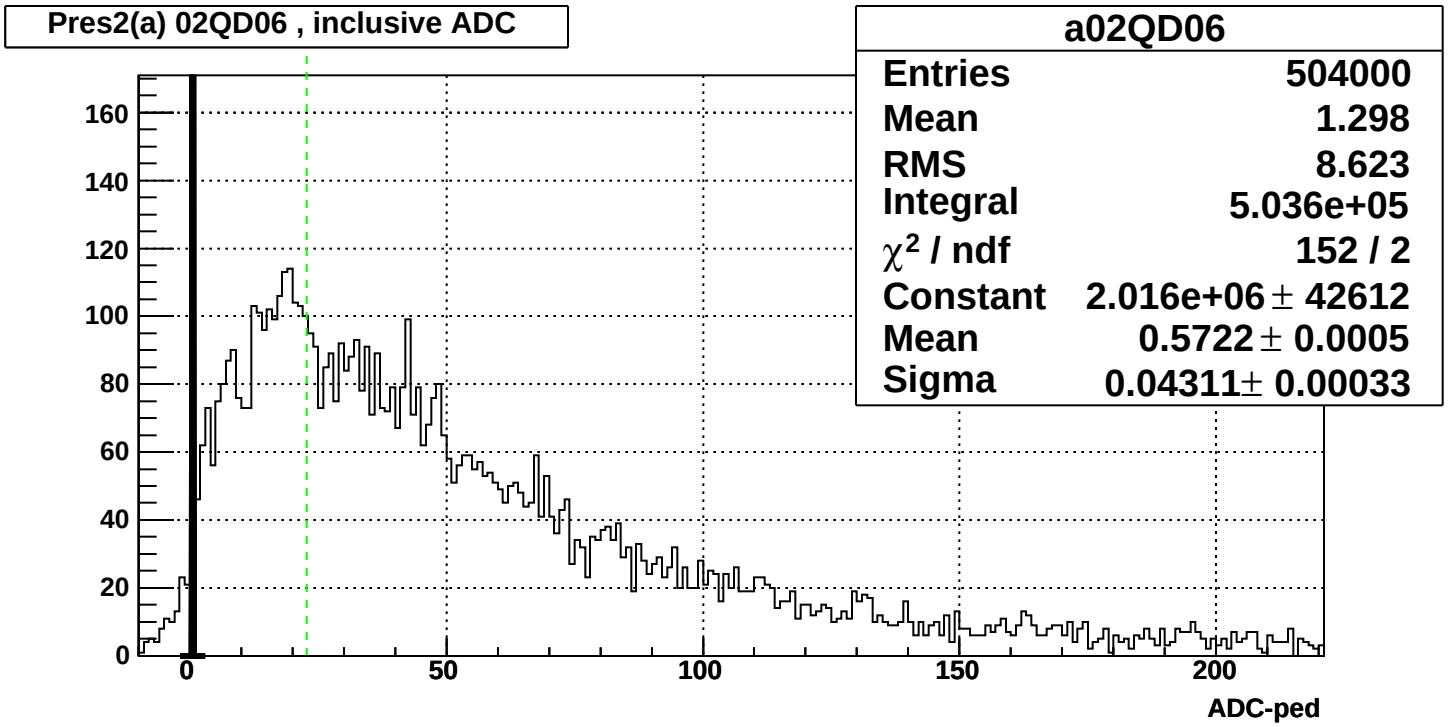

Pres2(d) 02QA06 , ADC, tag: UxV 2*thr
d02QA06
Entries 81
Mean 32.25
RMS 28.15
Integral 81
χ² / ndf 15.53 / 18
ampl-G -2.369 ± 3.728
const-L 6.13e+06 ± 9157802
MPV-L -85.05 ± 36.87
sig-L 0.08436 ± 0.06344
ADC-ped

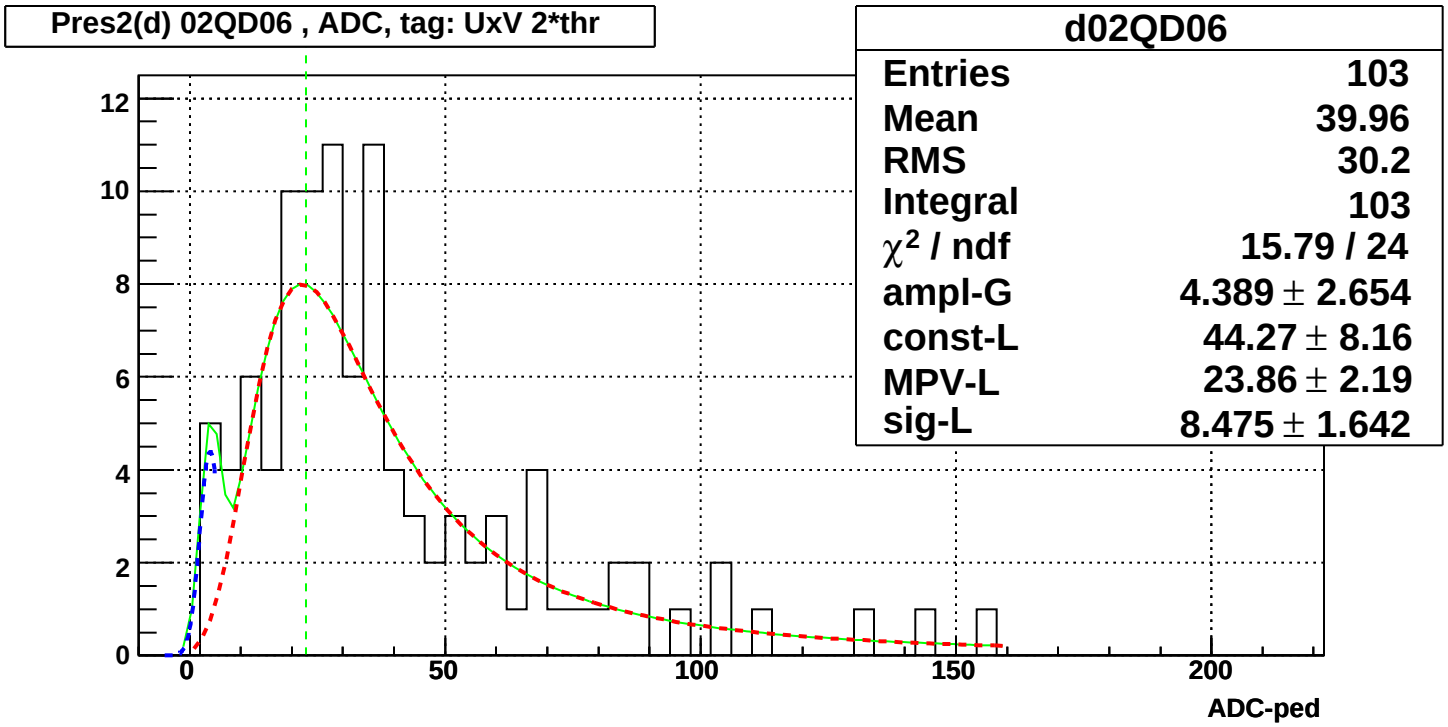

Pres2(a) 02QB06 , inclusive ADC
a02QB06
Entries 504000
Mean 1.299
RMS 8.651
Integral 5.036e+05
χ² / ndf 156 / 2
Constant 2.23e+06 ± 47136
Mean 0.571 ± 0.000
Sigma 0.04094 ± 0.00029
ADC-ped

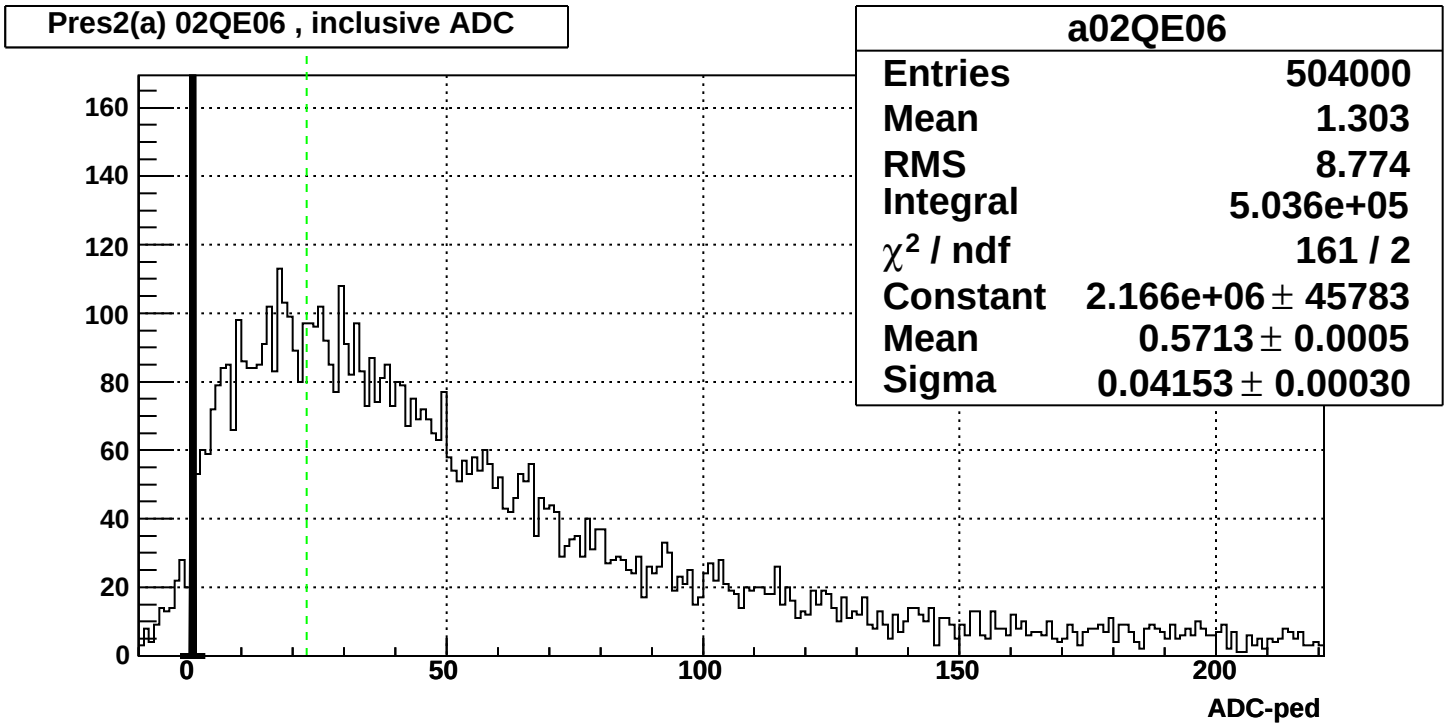

Pres2(d) 02QB06 , ADC, tag: UxV 2*thr
d02QB06
Entries 109
Mean 33.7
RMS 23.65
Integral 108
χ² / ndf 20.96 / 21
ampl-G 1.128 ± 1.797
const-L 46.37 ± 7.16
MPV-L 22.4 ± 2.2
sig-L 8.567 ± 1.243
ADC-ped

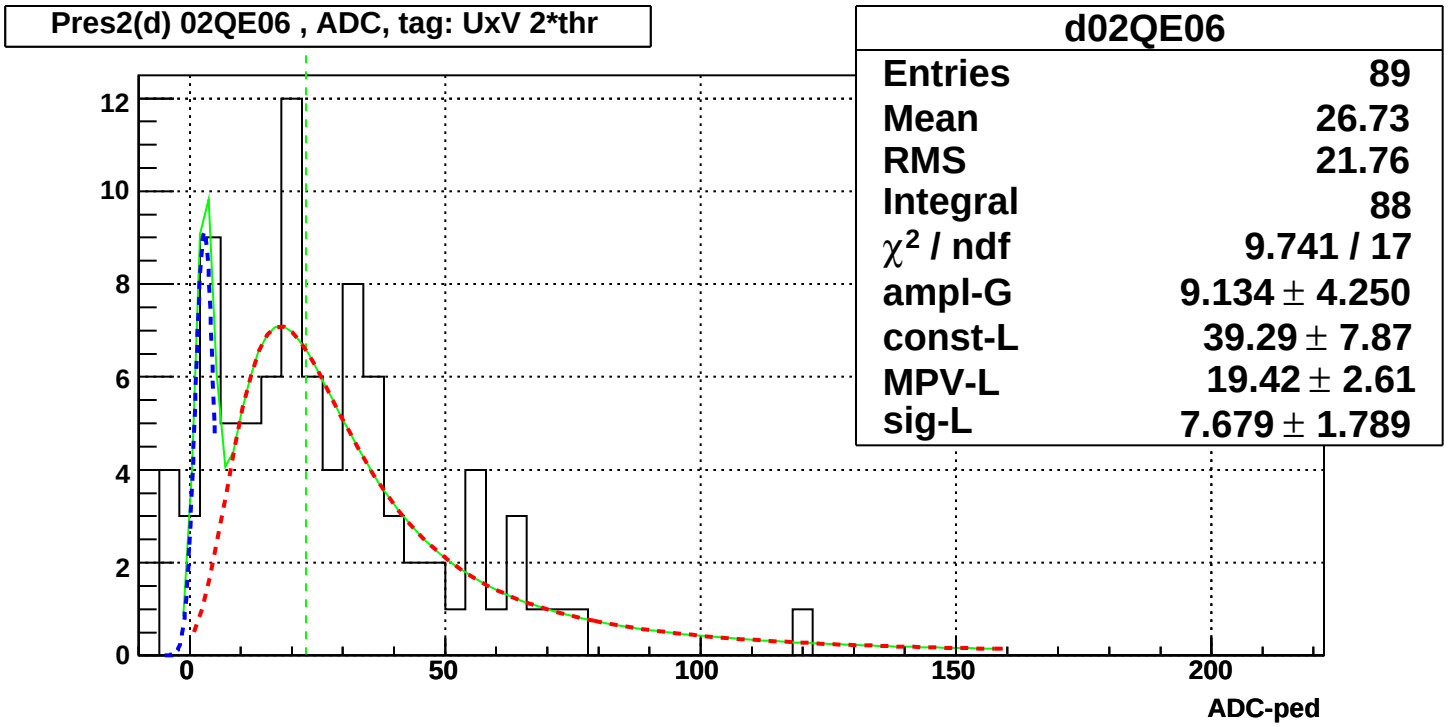

Pres2(a) 02QC06 , inclusive ADC
a02QC06
Entries 504000
Mean 1.303
RMS 8.661
Integral 5.036e+05
χ² / ndf 141 / 2
Constant 2.292e+06 ± 48445
Mean 0.5707 ± 0.0005
Sigma 0.04042 ± 0.00028
ADC-ped

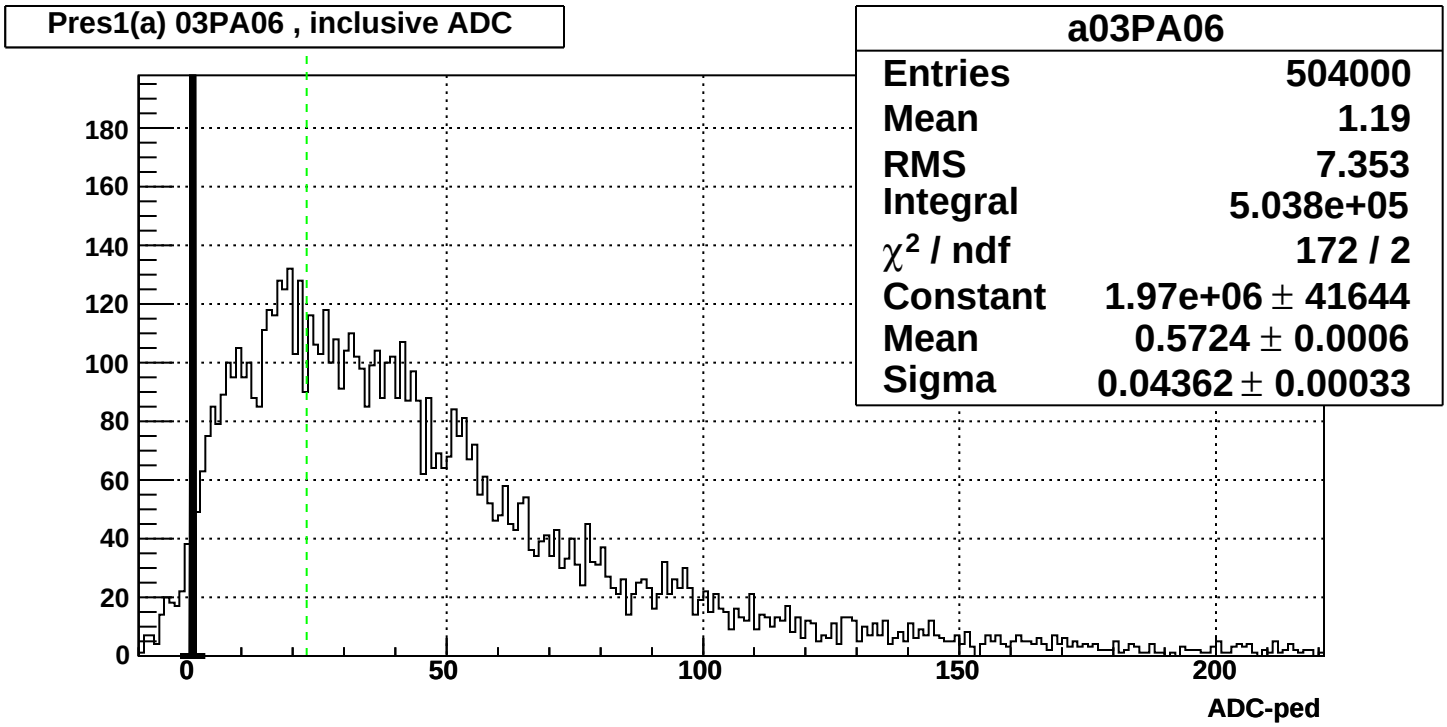

Pres2(d) 02QC06 , ADC, tag: UxV 2*thr
d02QC06
Entries 100
Mean 39.12
RMS 26.14
Integral 100
χ² / ndf 20.88 / 21
ampl-G 4.271 ± 3.595
const-L 32.77 ± 5.97
MPV-L 26.95 ± 3.39
sig-L 11.71 ± 2.59
ADC-ped

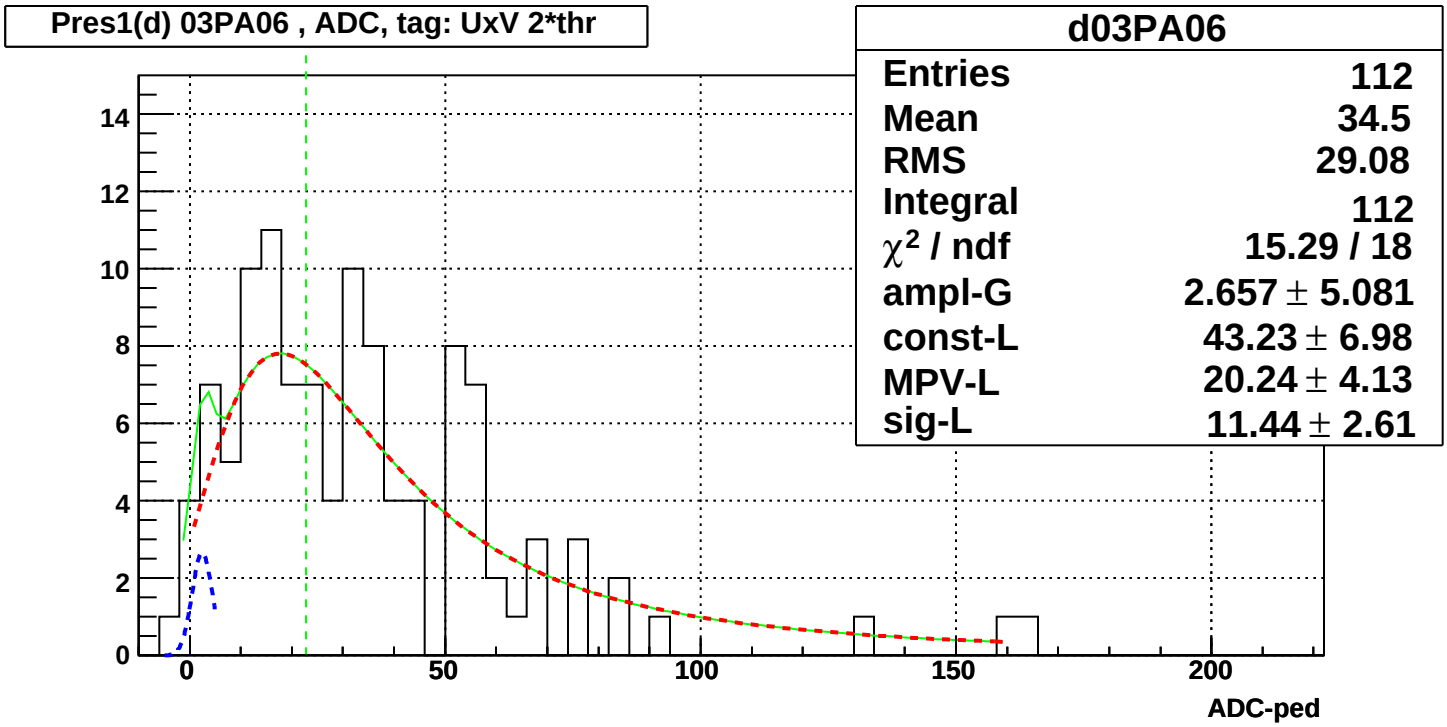

Pres2(a) 02QD06 , inclusive ADC
a02QD06
Entries 504000
Mean 1.298
RMS 8.623
Integral 5.036e+05
χ² / ndf 152 / 2
Constant 2.016e+06 ± 42612
Mean 0.5722 ± 0.0005
Sigma 0.04311 ± 0.00033
ADC-ped

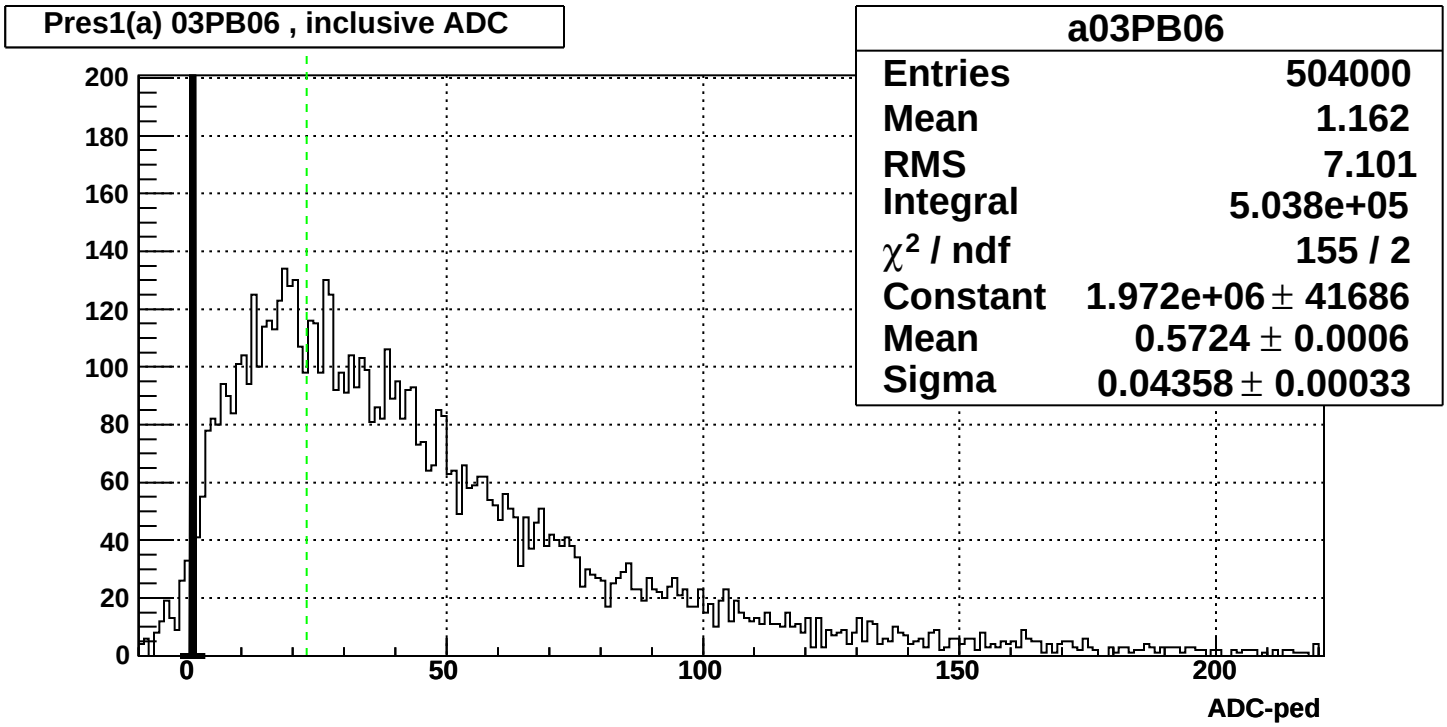

Pres2(d) 02QD06 , ADC, tag: UxV 2*thr
d02QD06
Entries 103
Mean 39.96
RMS 30.2
Integral 103
χ² / ndf 15.79 / 24
ampl-G 4.389 ± 2.654
const-L 44.27 ± 8.16
MPV-L 23.86 ± 2.19
sig-L 8.475 ± 1.642
ADC-ped

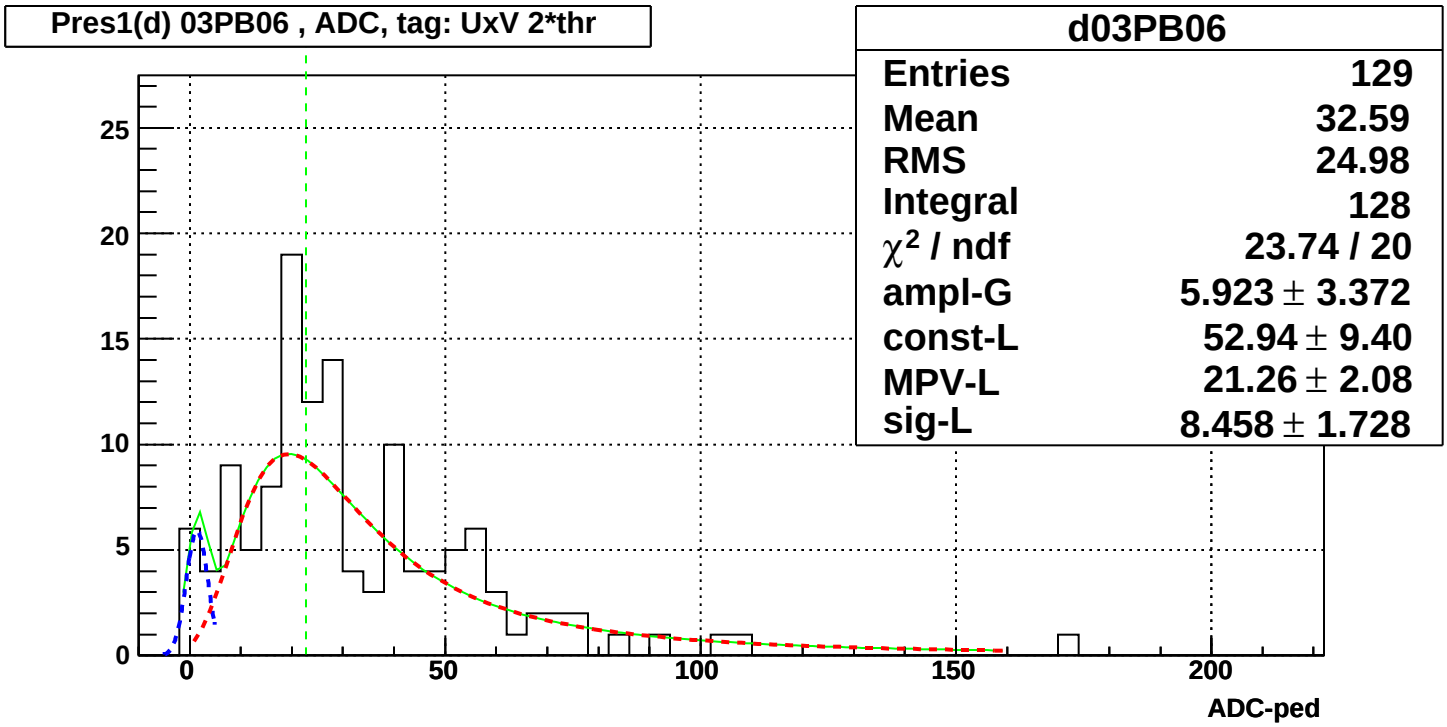

Pres2(a) 02QE06 , inclusive ADC
a02QE06
Entries 504000
Mean 1.303
RMS 8.774
Integral 5.036e+05
χ² / ndf 161 / 2
Constant 2.166e+06 ± 45783
Mean 0.5713 ± 0.0005
Sigma 0.04153 ± 0.00030
ADC-ped

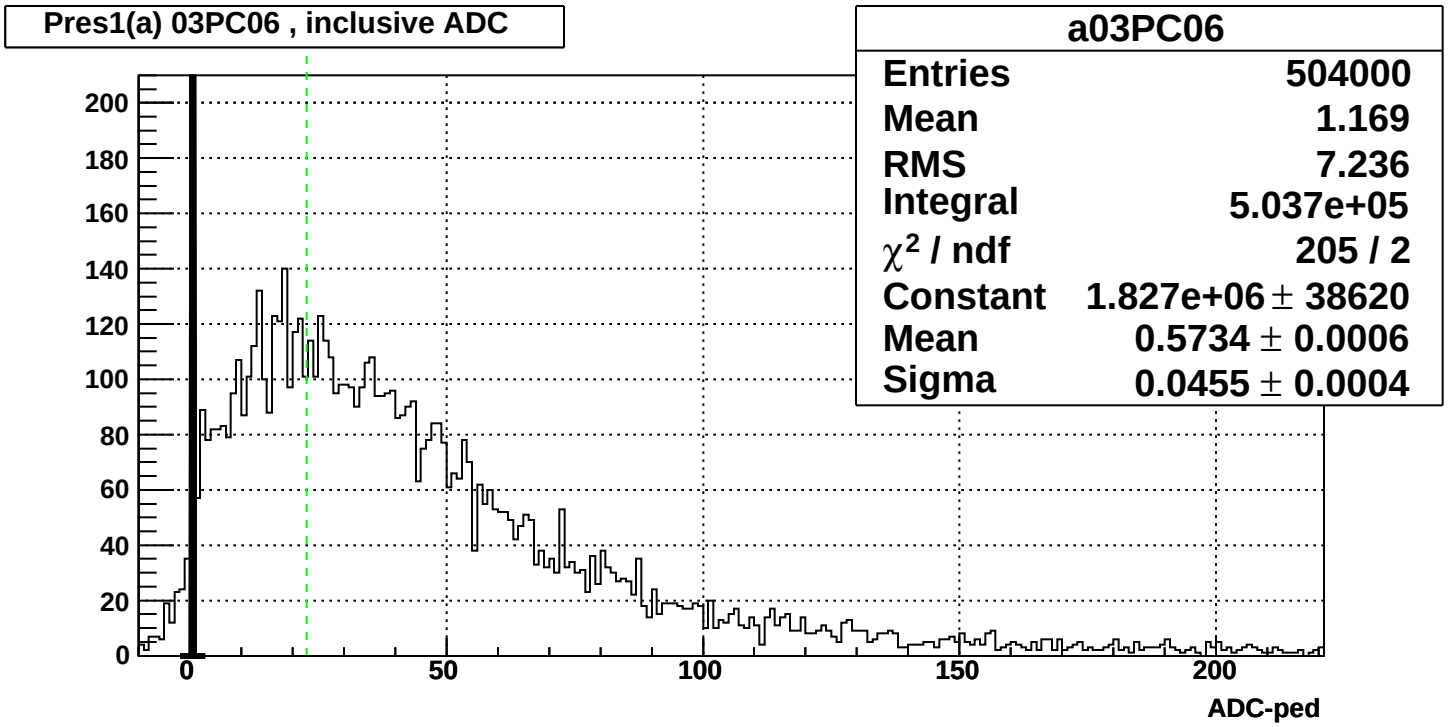

Pres2(d) 02QE06 , ADC, tag: UxV 2*thr
d02QE06
Entries 89
Mean 26.73
RMS 21.76
Integral 88
χ² / ndf 9.741 / 17
ampl-G 9.134 ± 4.250
const-L 39.29 ± 7.87
MPV-L 19.42 ± 2.61
sig-L 7.679 ± 1.789
ADC-ped

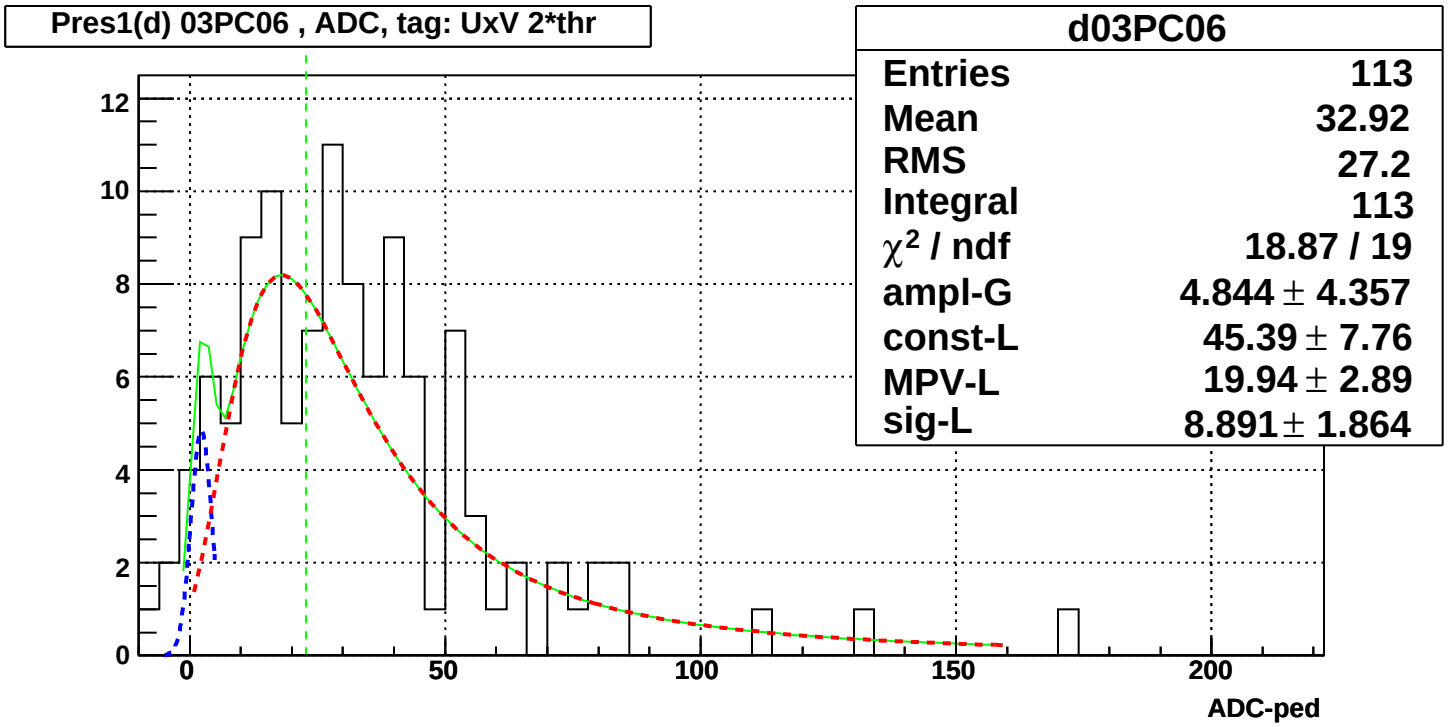

Pres1(a) 03PA06 , inclusive ADC
a03PA06
Entries 504000
Mean 1.19
RMS 7.353
Integral 5.038e+05
χ² / ndf 172 / 2
Constant 1.97e+06 ± 41644
Mean 0.5724 ± 0.0006
Sigma 0.04362 ± 0.00033
ADC-ped

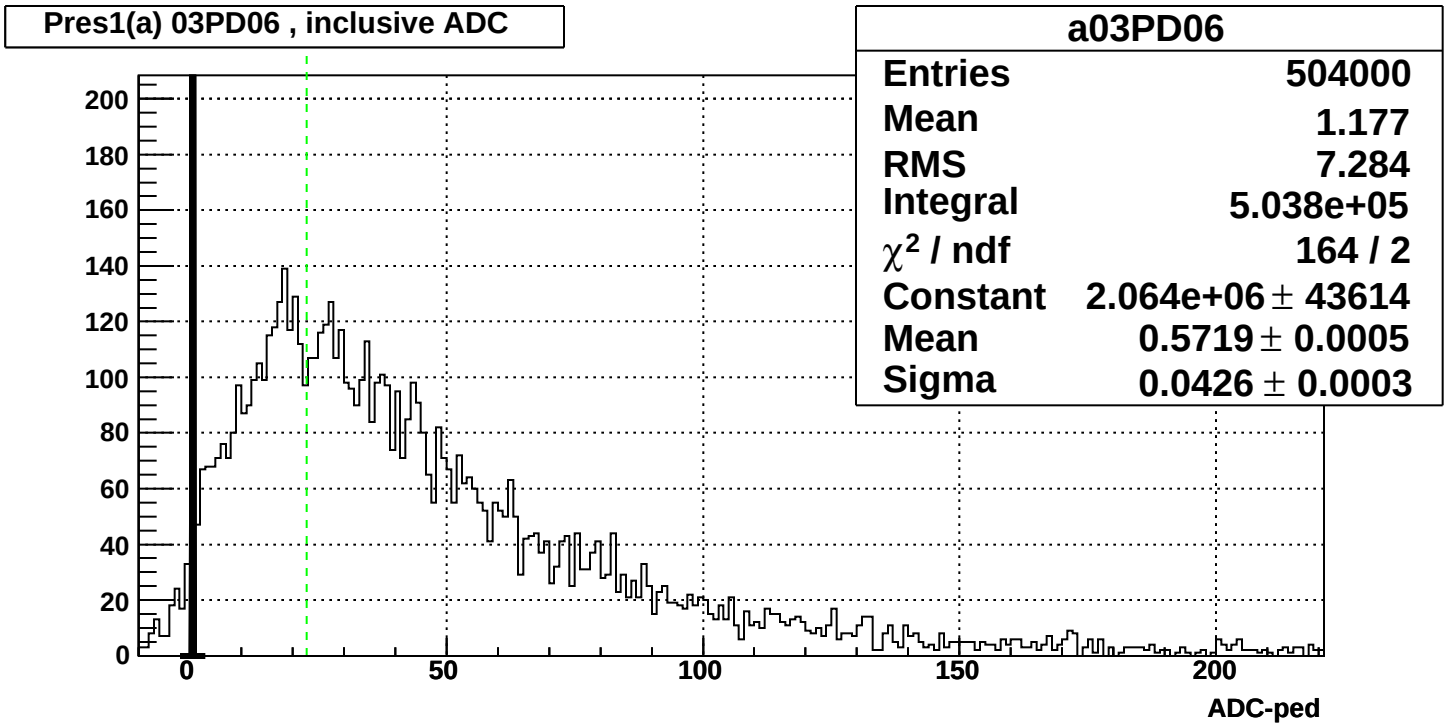

Pres1(d) 03PA06 , ADC, tag: UxV 2*thr
d03PA06
Entries 112
Mean 34.5
RMS 29.08
Integral 112
χ² / ndf 15.29 / 18
ampl-G 2.657 ± 5.081
const-L 43.23 ± 6.98
MPV-L 20.24 ± 4.13
sig-L 11.44 ± 2.61
ADC-ped

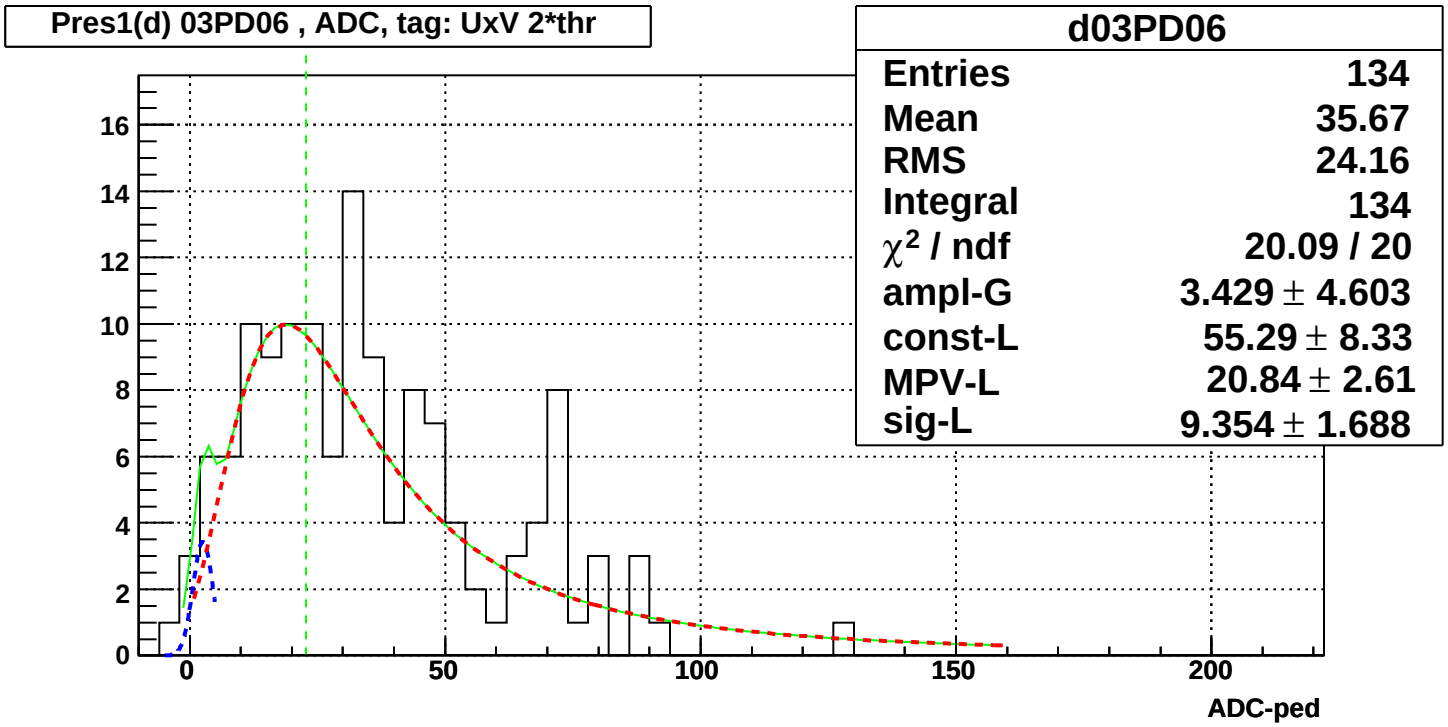

Pres1(a) 03PB06 , inclusive ADC
a03PB06
Entries 504000
Mean 1.162
RMS 7.101
Integral 5.038e+05
χ² / ndf 155 / 2
Constant 1.972e+06 ± 41686
Mean 0.5724 ± 0.0006
Sigma 0.04358 ± 0.00033
ADC-ped

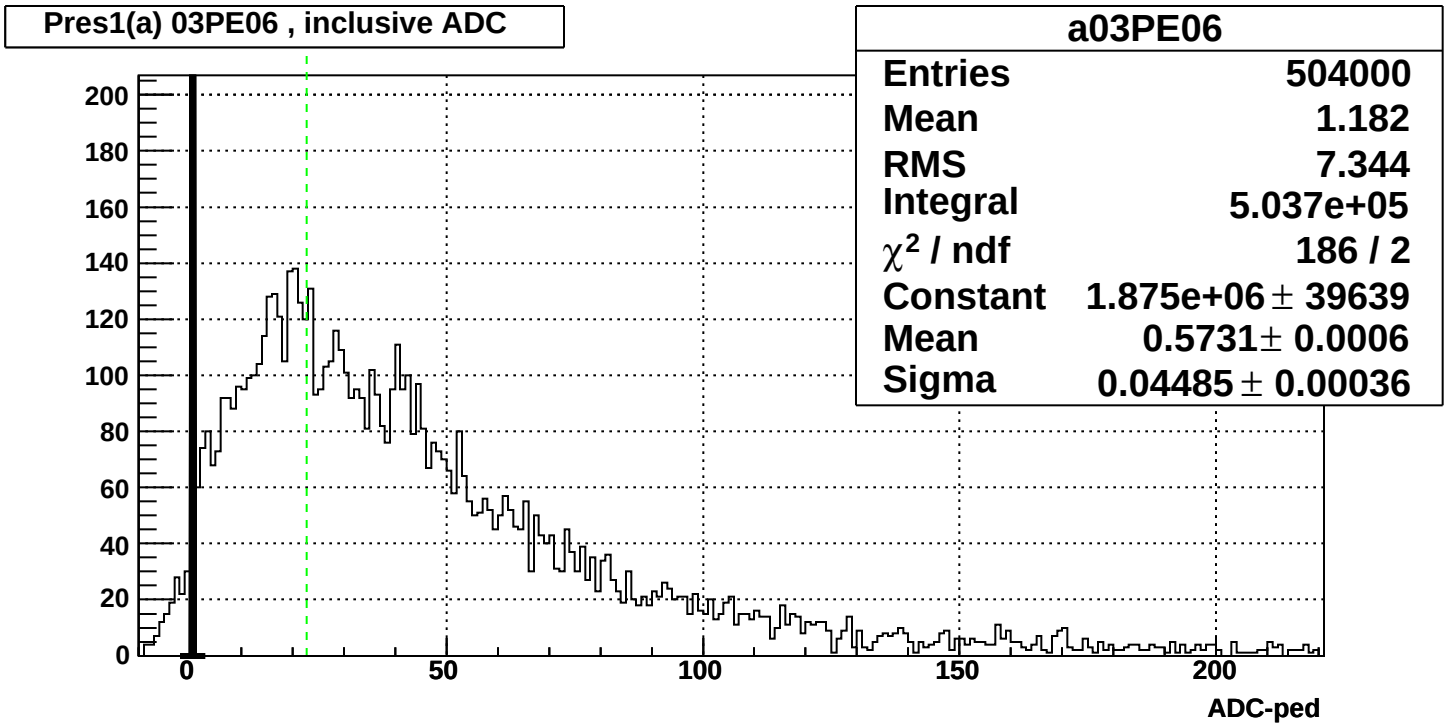

Pres1(d) 03PB06 , ADC, tag: UxV 2*thr
d03PB06
Entries 129
Mean 32.59
RMS 24.98
Integral 128
χ² / ndf 23.74 / 20
ampl-G 5.923 ± 3.372
const-L 52.94 ± 9.40
MPV-L 21.26 ± 2.08
sig-L 8.458 ± 1.728
ADC-ped

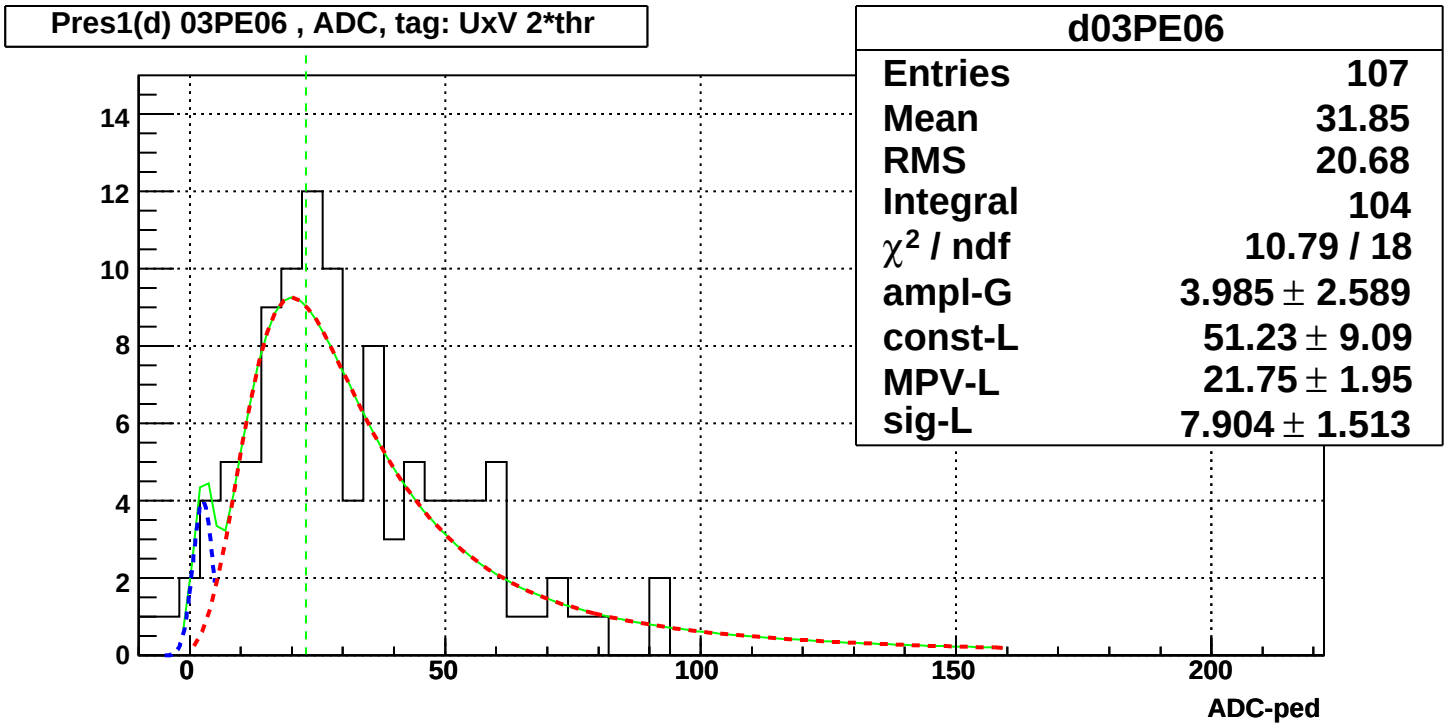

Pres1(a) 03PC06 , inclusive ADC
a03PC06
Entries 504000
Mean 1.169
RMS 7.236
Integral 5.037e+05
χ² / ndf 205 / 2
Constant 1.827e+06 ± 38620
Mean 0.5734 ± 0.0006
Sigma 0.0455 ± 0.0004
ADC-ped

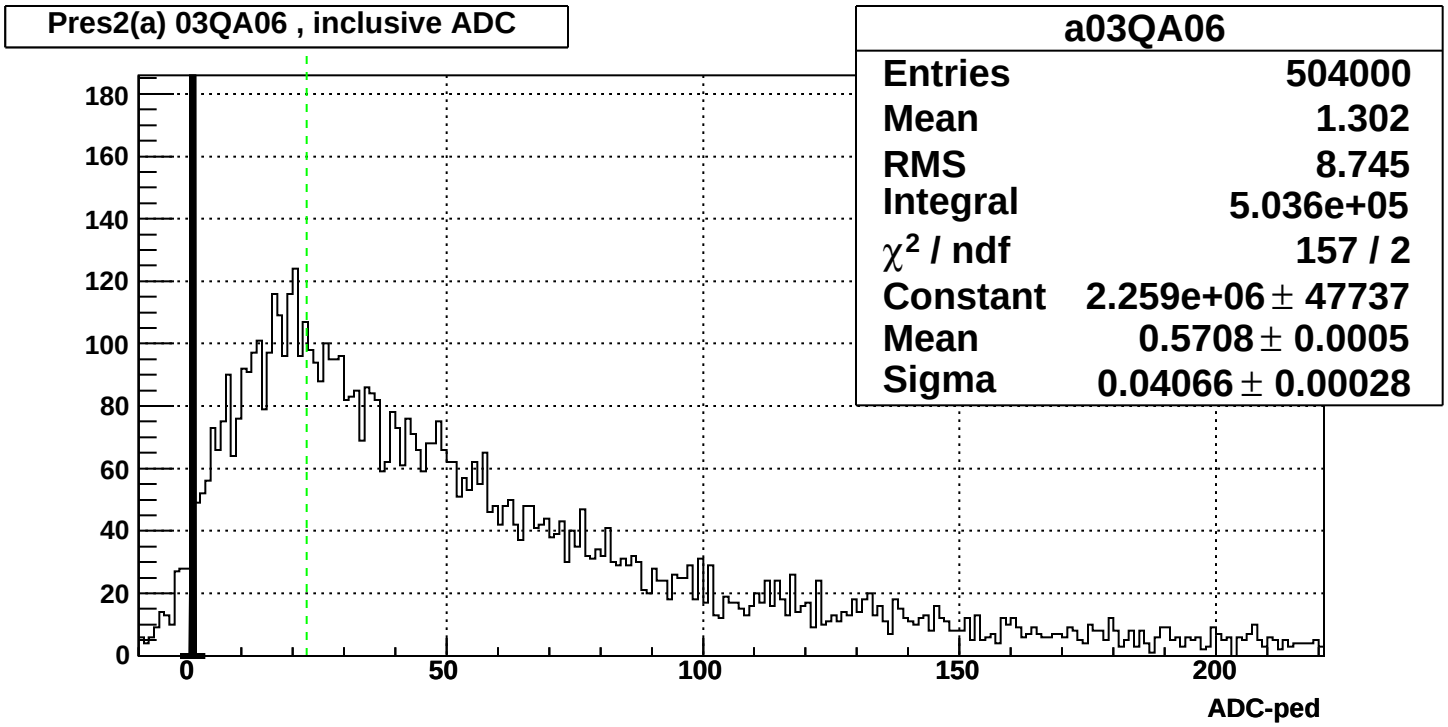

Pres1(d) 03PC06 , ADC, tag: UxV 2*thr
d03PC06
Entries 113
Mean 32.92
RMS 27.2
Integral 113
χ² / ndf 18.87 / 19
ampl-G 4.844 ± 4.357
const-L 45.39 ± 7.76
MPV-L 19.94 ± 2.89
sig-L 8.891 ± 1.864
ADC-ped

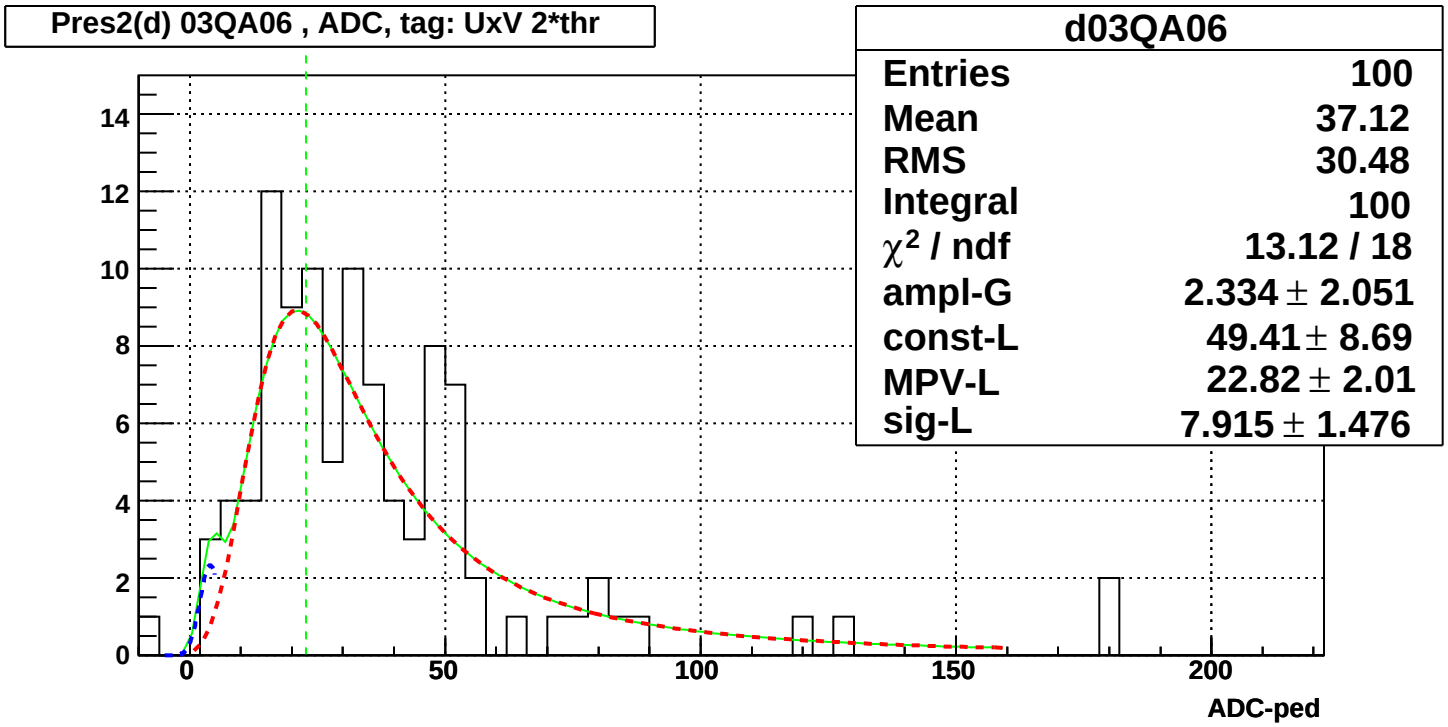

Pres1(a) 03PD06 , inclusive ADC
a03PD06
Entries 504000
Mean 1.177
RMS 7.284
Integral 5.038e+05
χ² / ndf 164 / 2
Constant 2.064e+06 ± 43614
Mean 0.5719 ± 0.0005
Sigma 0.0426 ± 0.0003
ADC-ped

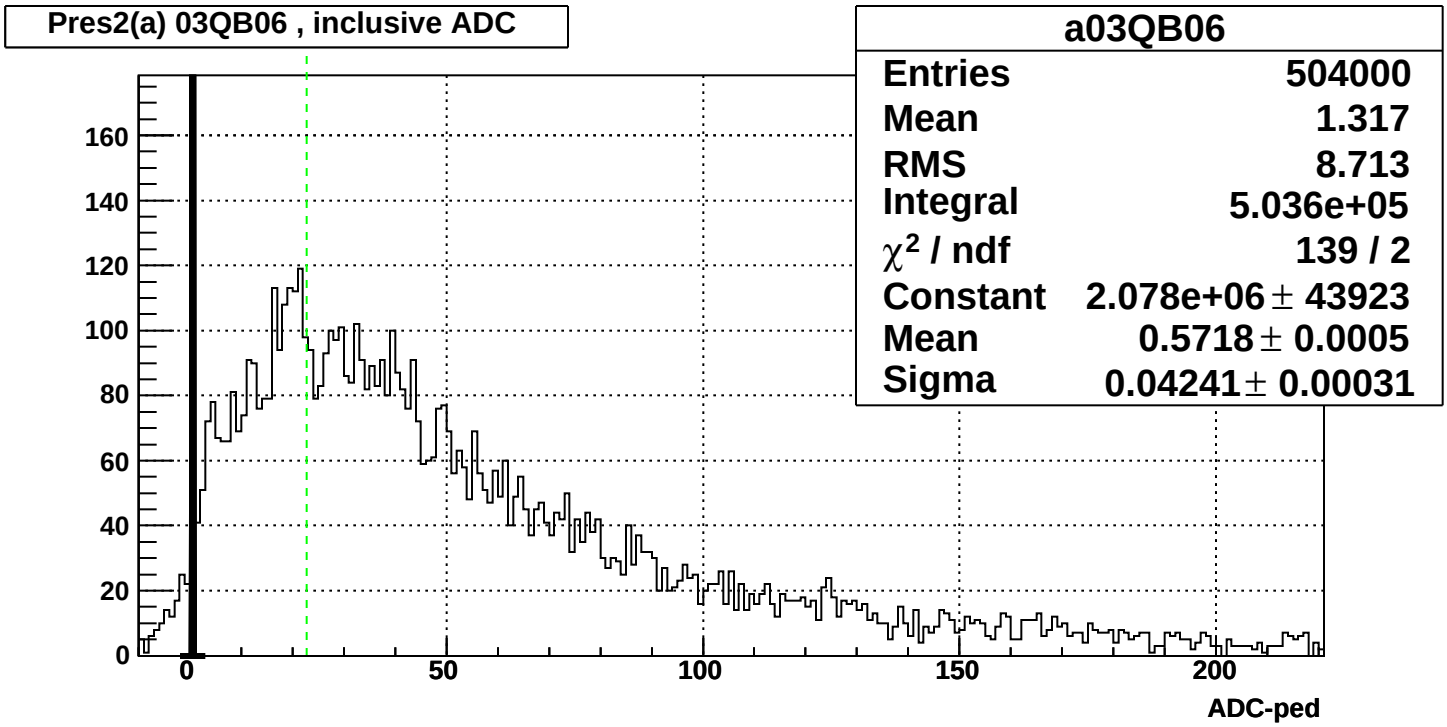

Pres1(d) 03PD06 , ADC, tag: UxV 2*thr
d03PD06
Entries 134
Mean 35.67
RMS 24.16
Integral 134
χ² / ndf 20.09 / 20
ampl-G 3.429 ± 4.603
const-L 55.29 ± 8.33
MPV-L 20.84 ± 2.61
sig-L 9.354 ± 1.688
ADC-ped

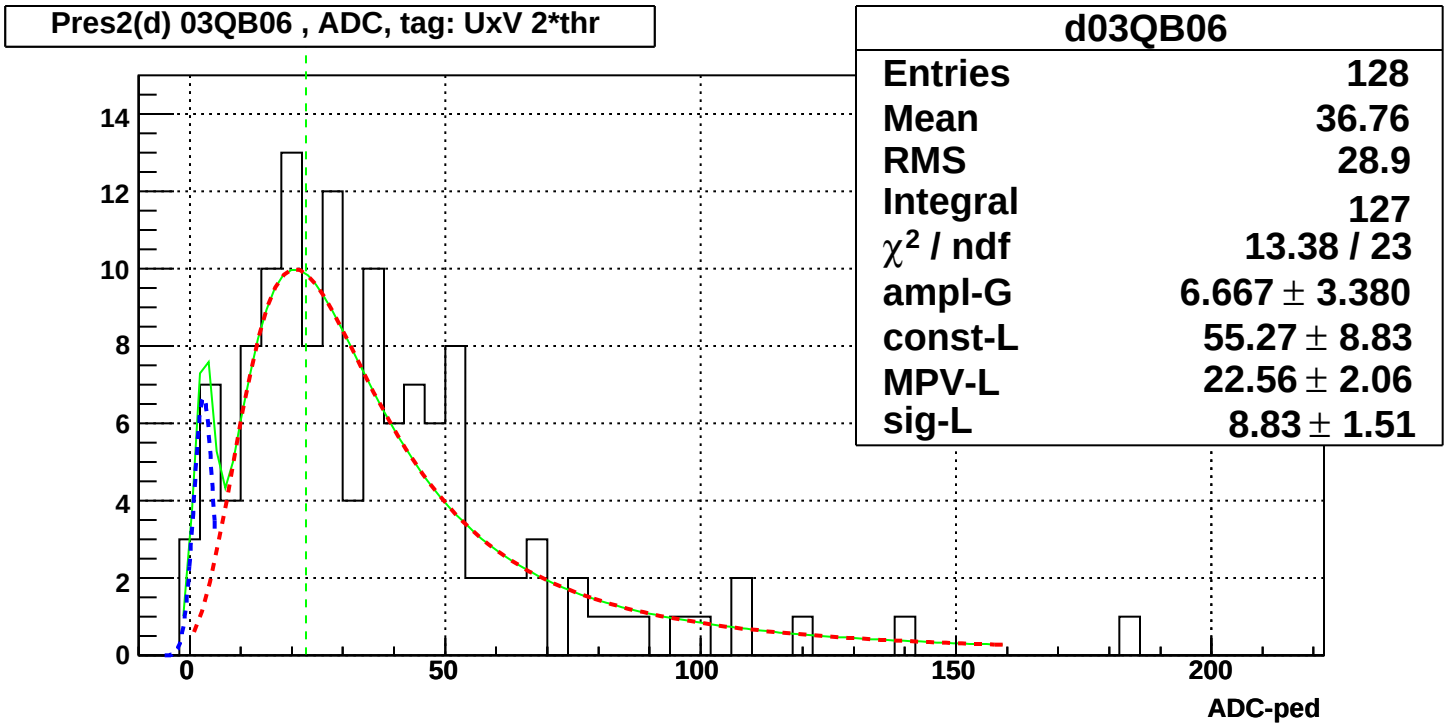

Pres1(a) 03PE06 , inclusive ADC
a03PE06
Entries 504000
Mean 1.182
RMS 7.344
Integral 5.037e+05
χ² / ndf 186 / 2
Constant 1.875e+06 ± 39639
Mean 0.5731 ± 0.0006
Sigma 0.04485 ± 0.00036
ADC-ped

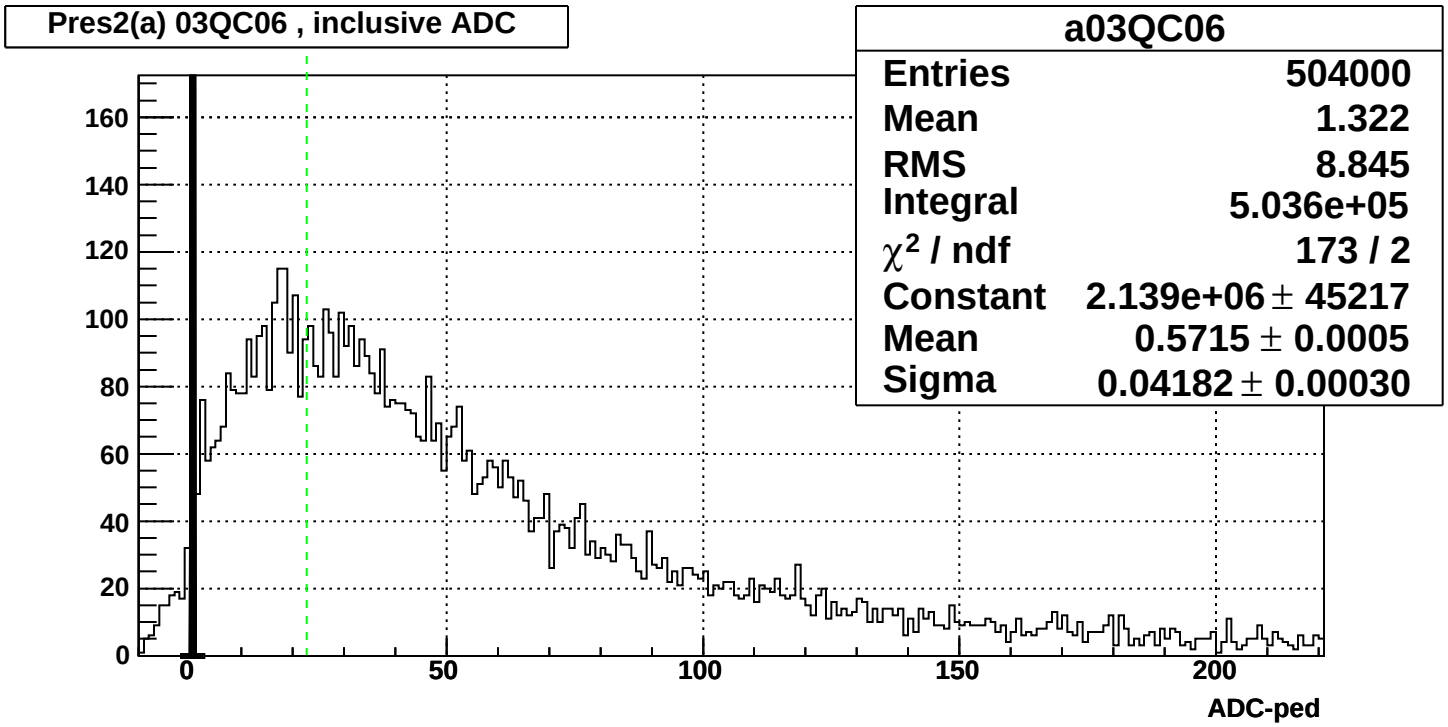

Pres1(d) 03PE06 , ADC, tag: UxV 2*thr
d03PE06
Entries 107
Mean 31.85
RMS 20.68
Integral 104
χ² / ndf 10.79 / 18
ampl-G 3.985 ± 2.589
const-L 51.23 ± 9.09
MPV-L 21.75 ± 1.95
sig-L 7.904 ± 1.513
ADC-ped

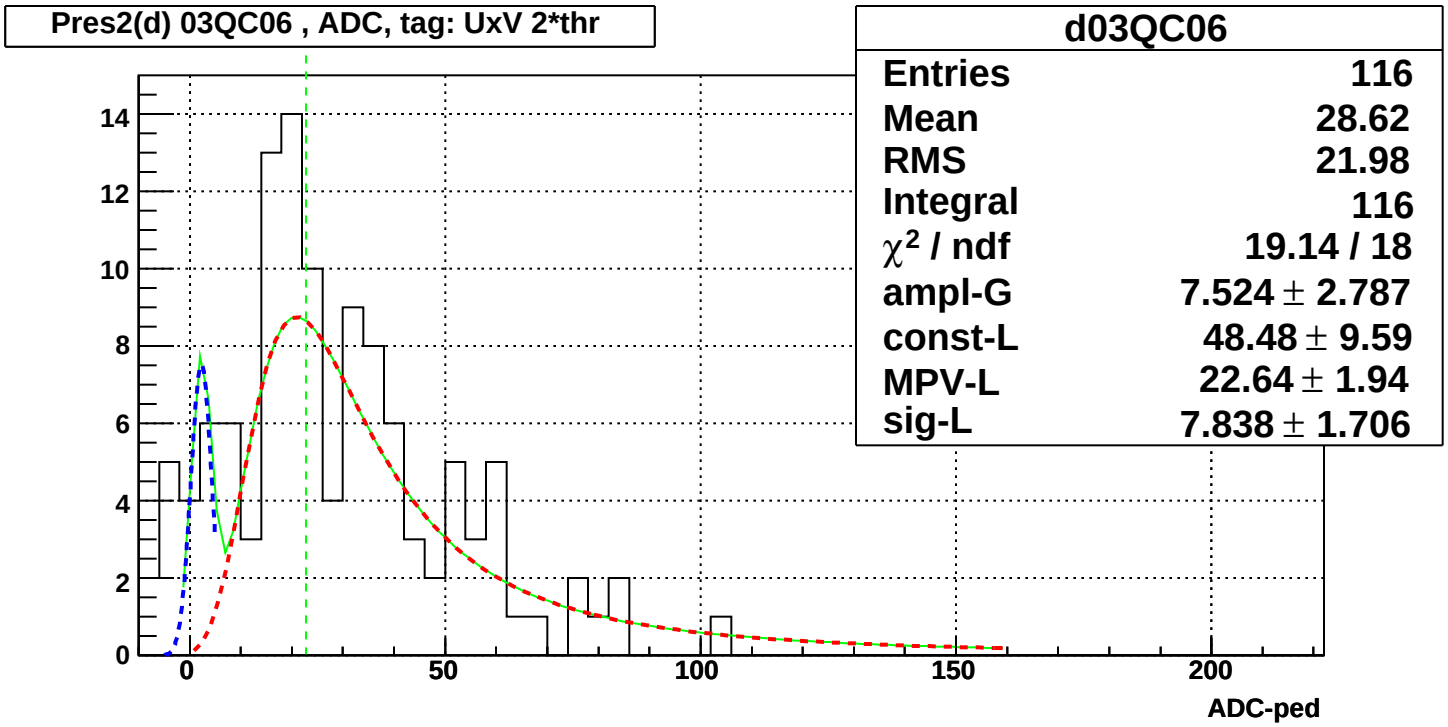

Pres2(a) 03QA06 , inclusive ADC
a03QA06
Entries 504000
Mean 1.302
RMS 8.745
Integral 5.036e+05
χ² / ndf 157 / 2
Constant 2.259e+06 ± 47737
Mean 0.5708 ± 0.0005
Sigma 0.04066 ± 0.00028
ADC-ped

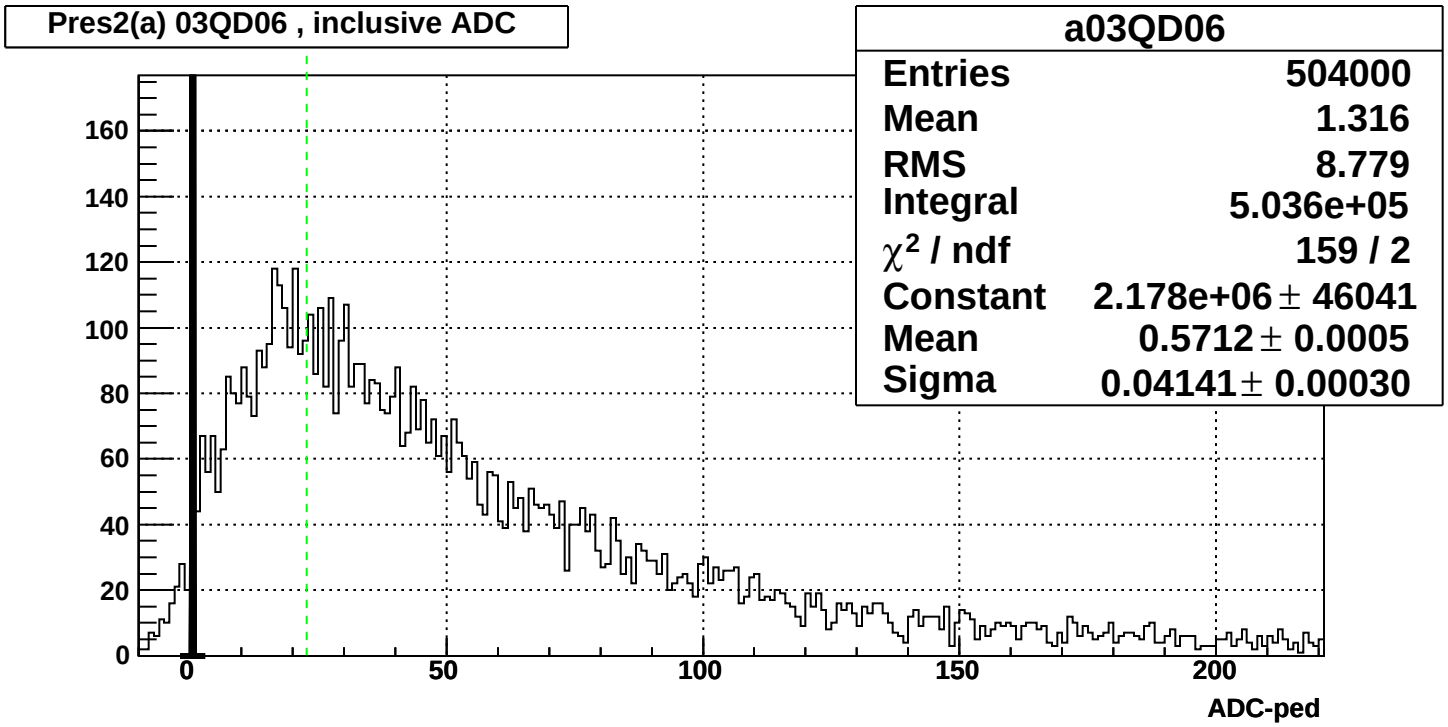

Pres2(d) 03QA06 , ADC, tag: UxV 2*thr
d03QA06
Entries 100
Mean 37.12
RMS 30.48
Integral 100
χ² / ndf 13.12 / 18
ampl-G 2.334 ± 2.051
const-L 49.41 ± 8.69
MPV-L 22.82 ± 2.01
sig-L 7.915 ± 1.476
ADC-ped

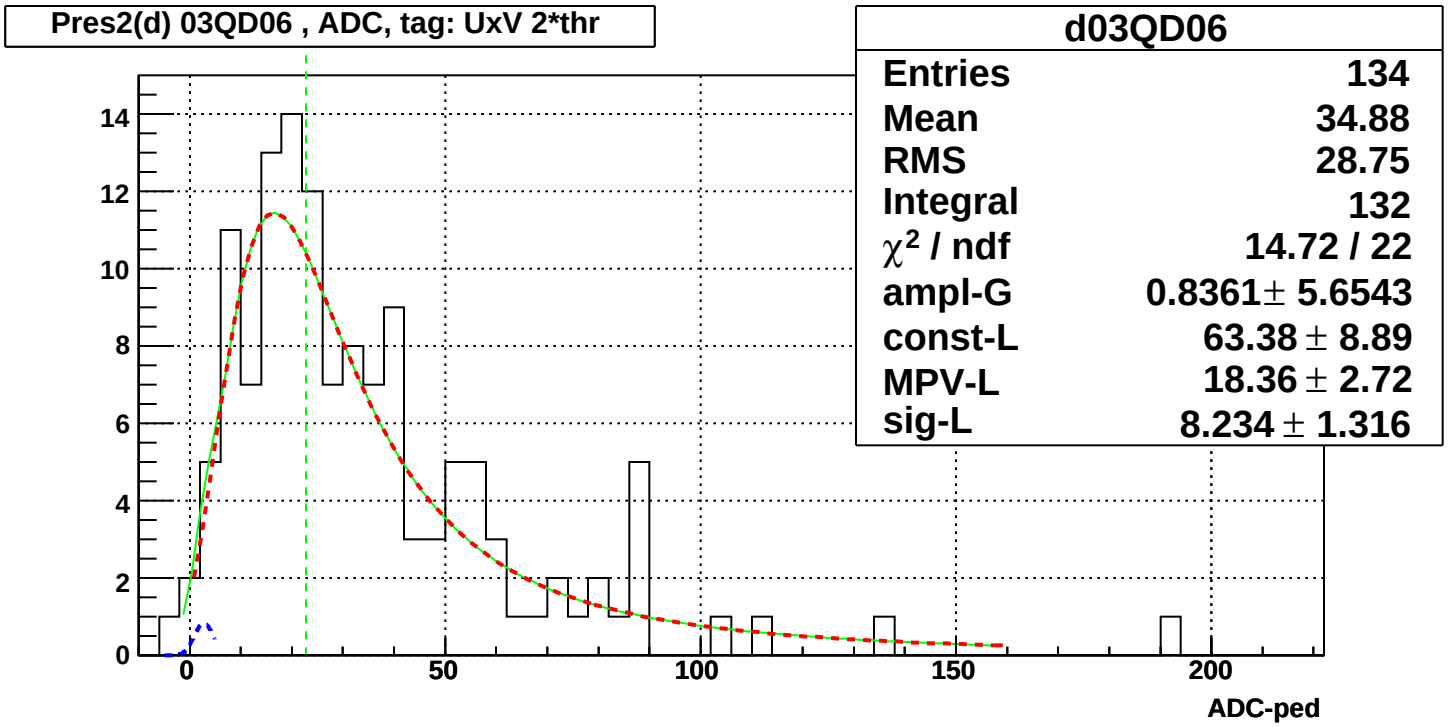

Pres2(a) 03QB06 , inclusive ADC
a03QB06
Entries 504000
Mean 1.317
RMS 8.713
Integral 5.036e+05
χ² / ndf 139 / 2
Constant 2.078e+06 ± 43923
Mean 0.5718 ± 0.0005
Sigma 0.04241 ± 0.00031
ADC-ped

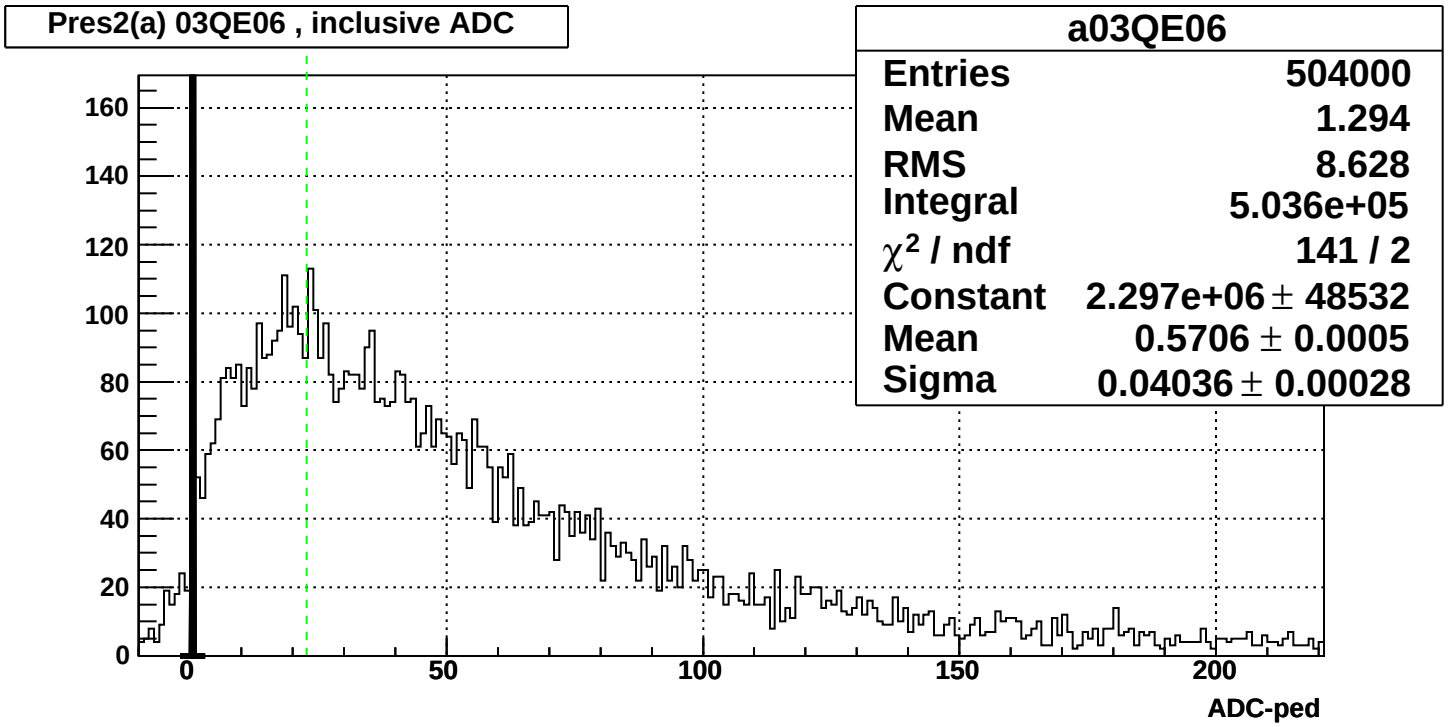

Pres2(d) 03QB06 , ADC, tag: UxV 2*thr
d03QB06
Entries 128
Mean 36.76
RMS 28.9
Integral 127
χ² / ndf 13.38 / 23
ampl-G 6.667 ± 3.380
const-L 55.27 ± 8.83
MPV-L 22.56 ± 2.06
sig-L 8.83 ± 1.51
ADC-ped

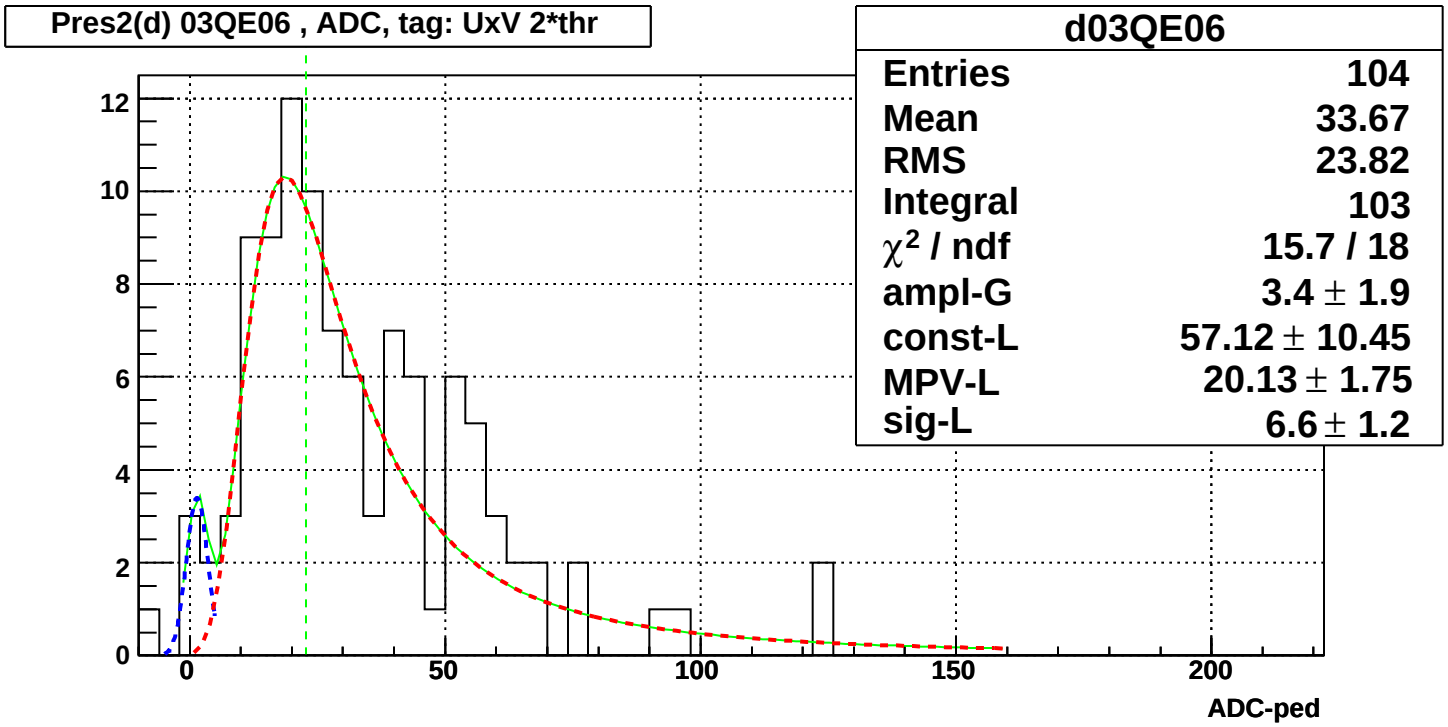

Pres2(a) 03QC06 , inclusive ADC
a03QC06
Entries 504000
Mean 1.322
RMS 8.845
Integral 5.036e+05
χ² / ndf 173 / 2
Constant 2.139e+06 ± 45217
Mean 0.5715 ± 0.0005
Sigma 0.04182 ± 0.00030
ADC-ped

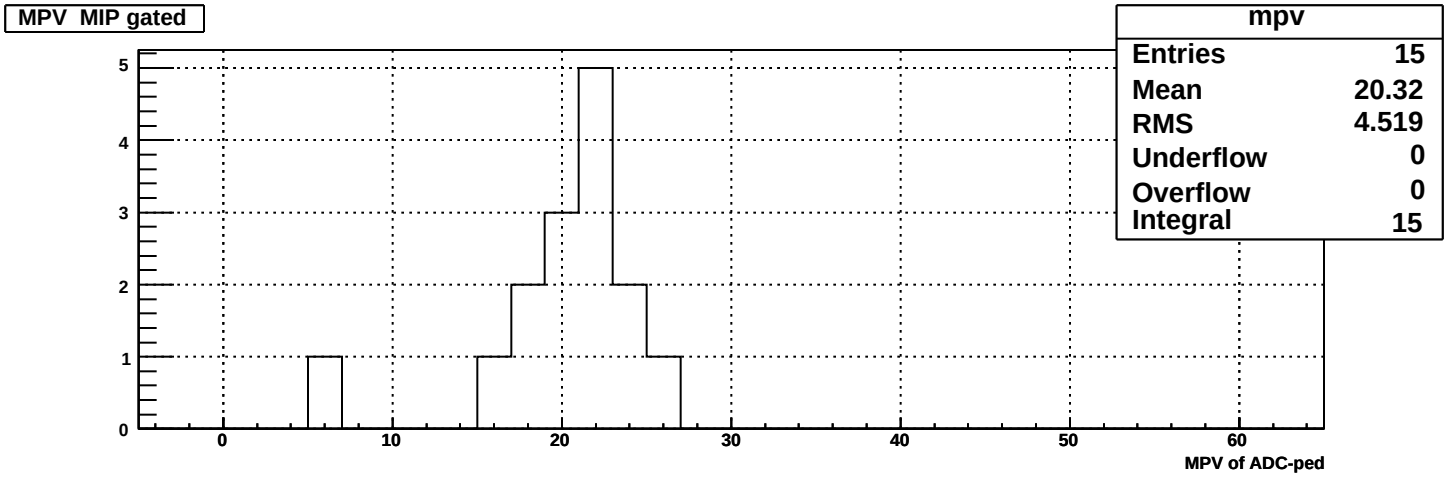

Pres2(d) 03QC06 , ADC, tag: UxV 2*thr
d03QC06
Entries 116
Mean 28.62
RMS 21.98
Integral 116
χ² / ndf 19.14 / 18
ampl-G 7.524 ± 2.787
const-L 48.48 ± 9.59
MPV-L 22.64 ± 1.94
sig-L 7.838 ± 1.706
ADC-ped

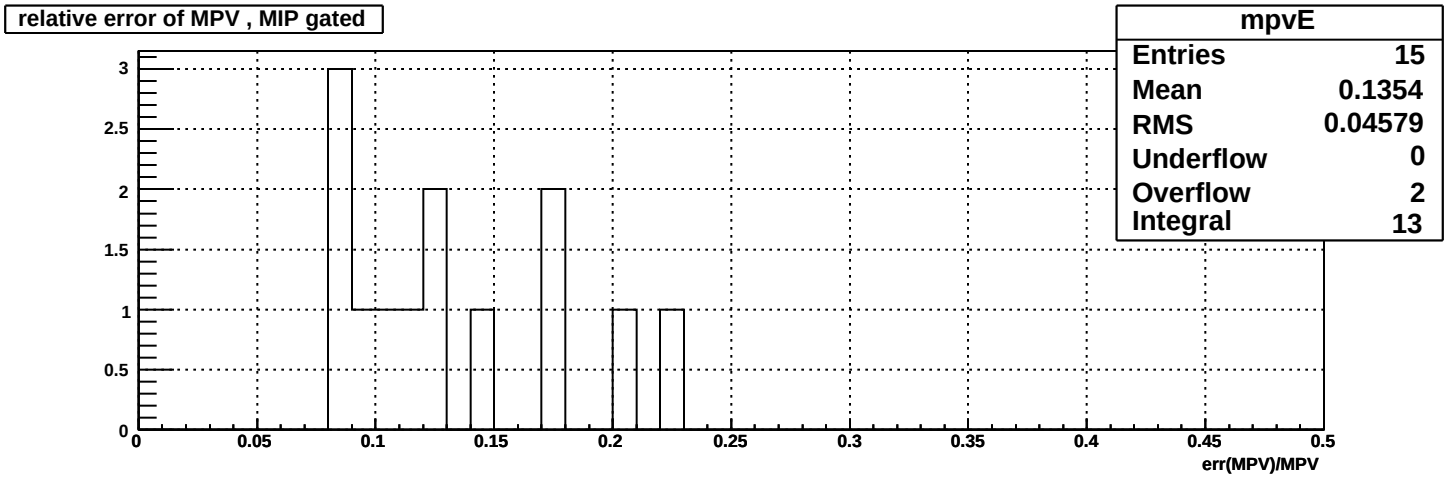

Pres2(a) 03QD06 , inclusive ADC
a03QD06
Entries 504000
Mean 1.316
RMS 8.779
Integral 5.036e+05
χ² / ndf 159 / 2
Constant 2.178e+06 ± 46041
Mean 0.5712 ± 0.0005
Sigma 0.04141 ± 0.00030
ADC-ped

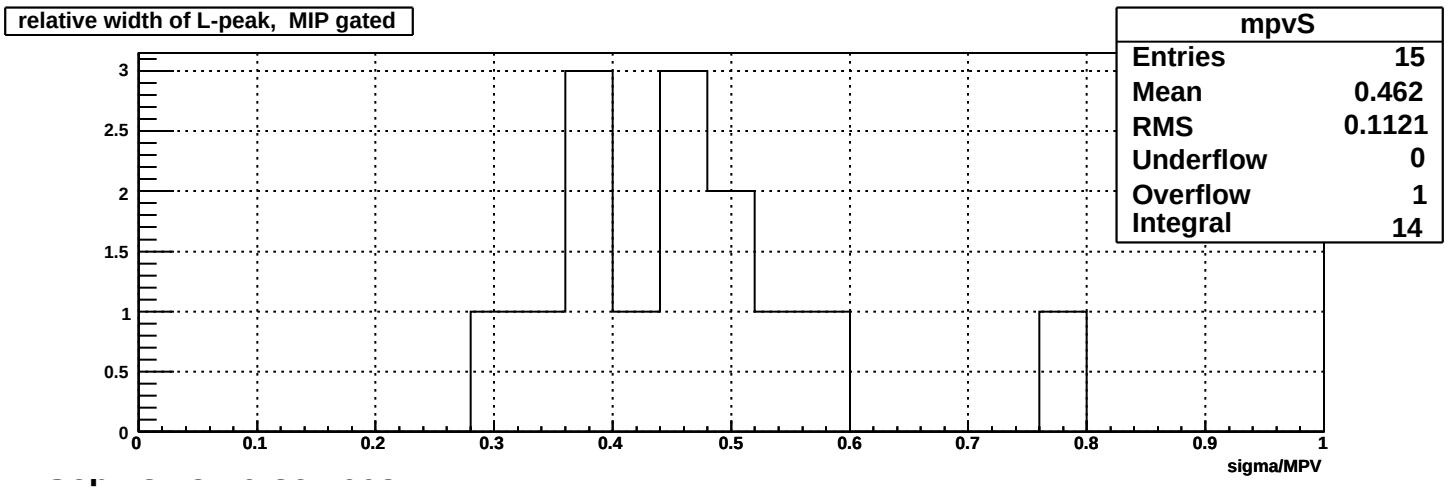

Pres2(d) 03QD06 , ADC, tag: UxV 2*thr
d03QD06
Entries 134
Mean 34.88
RMS 28.75
Integral 132
χ² / ndf 14.72 / 22
ampl-G 0.8361 ± 5.6543
const-L 63.38 ± 8.89
MPV-L 18.36 ± 2.72
sig-L 8.234 ± 1.316
ADC-ped


Pres2(a) 03QE06 , inclusive ADC
a03QE06
Entries 504000
Mean 1.294
RMS 8.628
Integral 5.036e+05
χ² / ndf 141 / 2
Constant 2.297e+06 ± 48532
Mean 0.5706 ± 0.0005
Sigma 0.04036 ± 0.00028
ADC-ped


Pres2(d) 03QE06 , ADC, tag: UxV 2*thr
d03QE06
Entries 104
Mean 33.67
RMS 23.82
Integral 103
χ² / ndf 15.7 / 18
ampl-G 3.4 ± 1.9
const-L 57.12 ± 10.45
MPV-L 20.13 ± 1.75
sig-L 6.6 ± 1.2
ADC-ped


MPV MIP gated
mpv
Entries 15
Mean 20.32
RMS 4.519
Underflow 0
Overflow 0
Integral 15
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 15
Mean 0.1354
RMS 0.04579
Underflow 0
Overflow 2
Integral 13
err(MPV)/MPV


relative width of L-peak, MIP gated
mpvS
Entries 15
Mean 0.462
RMS 0.1121
Underflow 0
Overflow 1
Integral 14
sigma/MPV