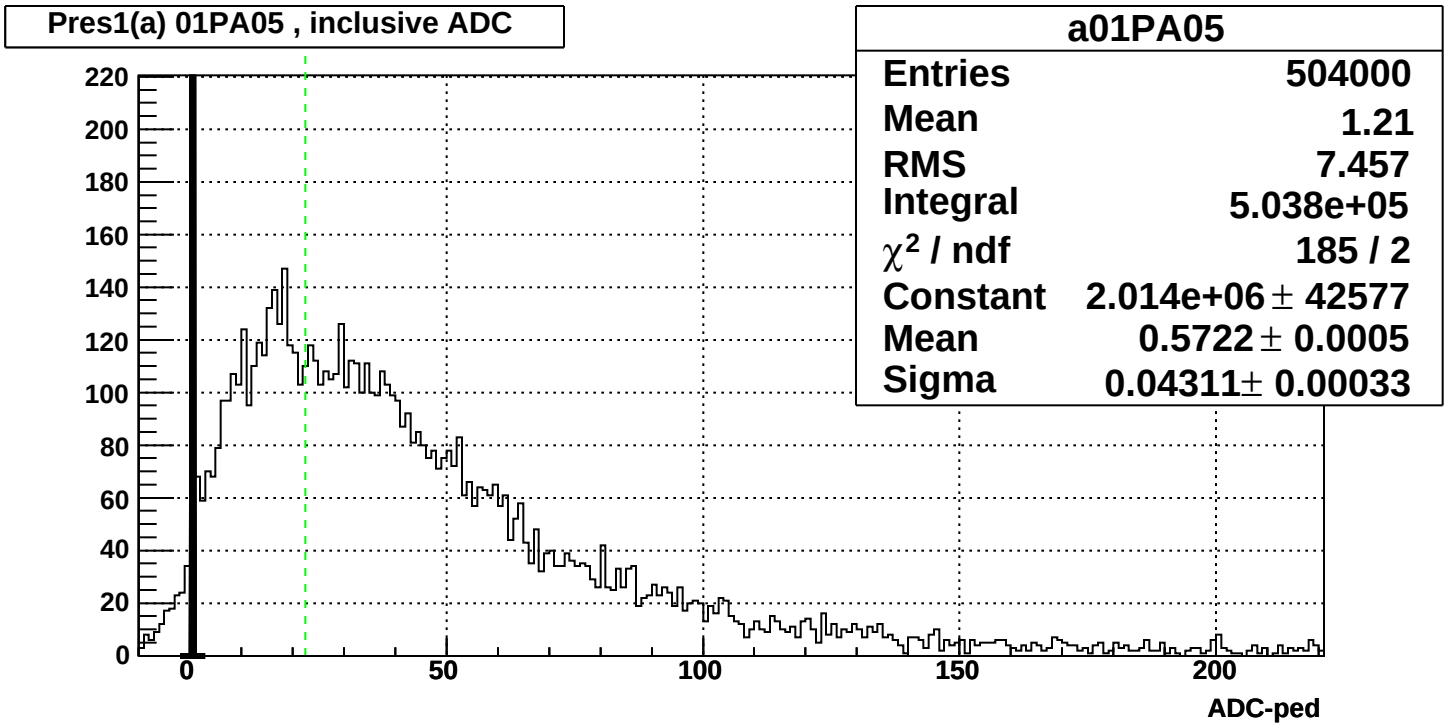
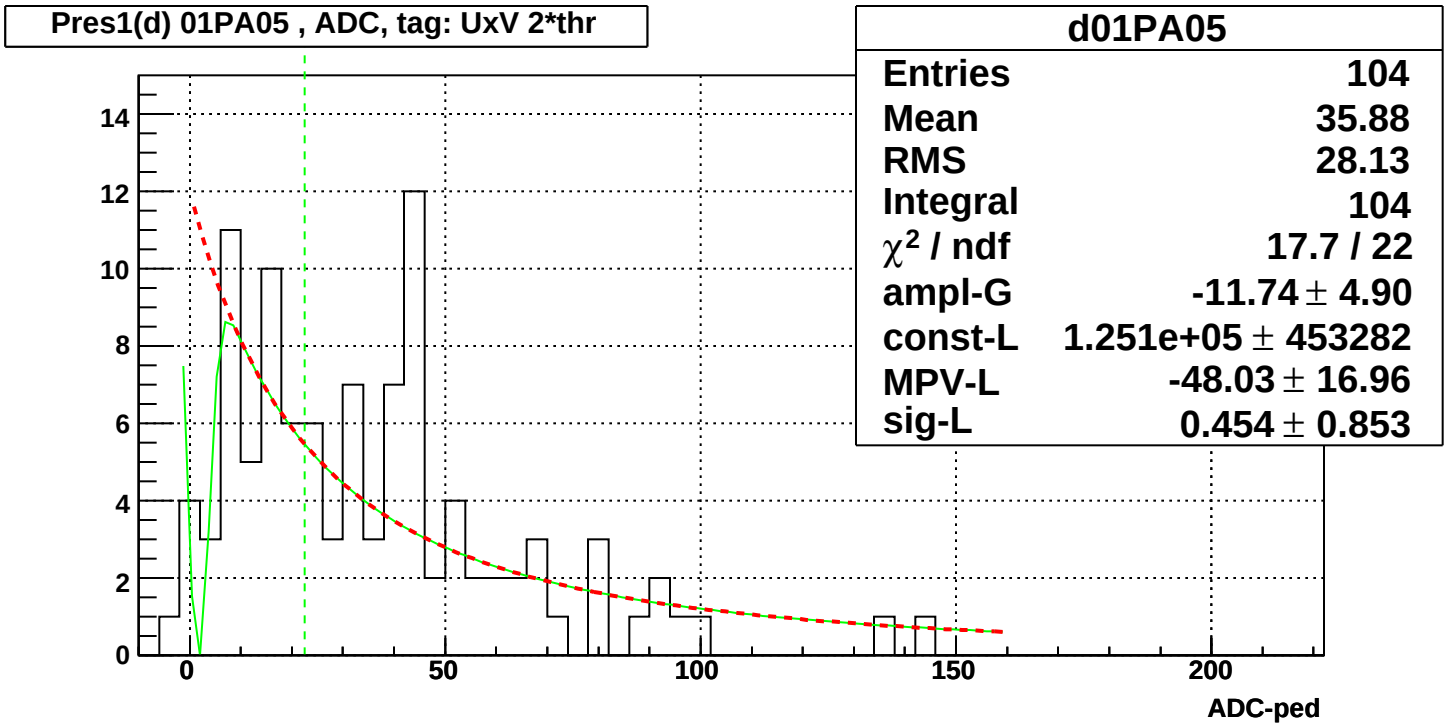
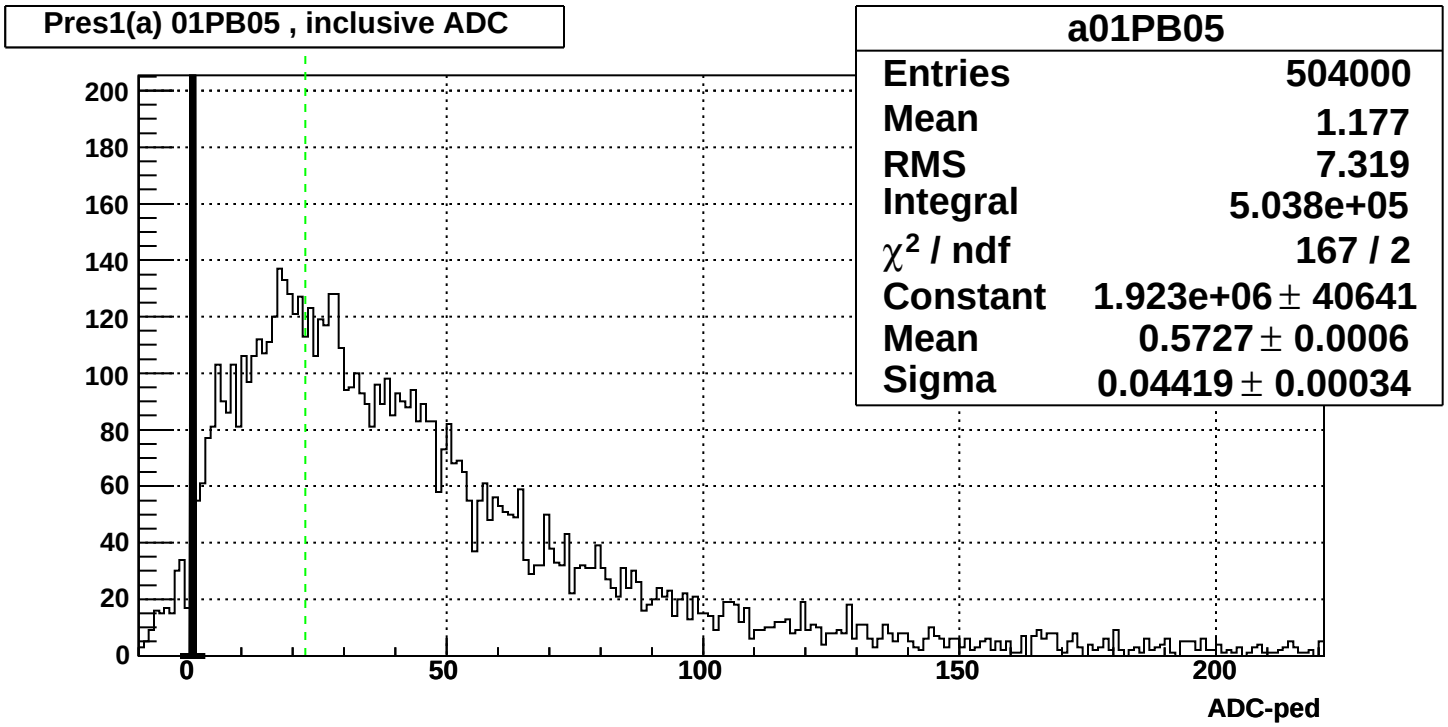
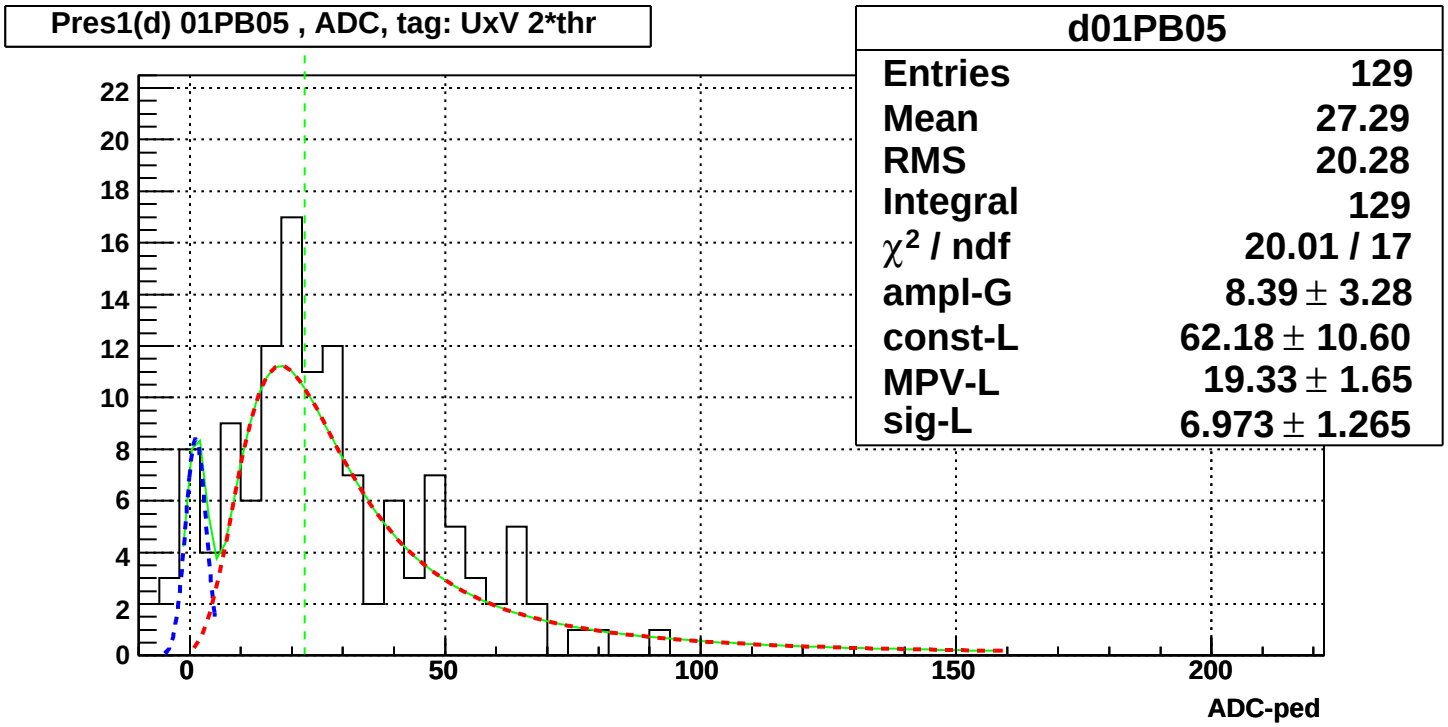
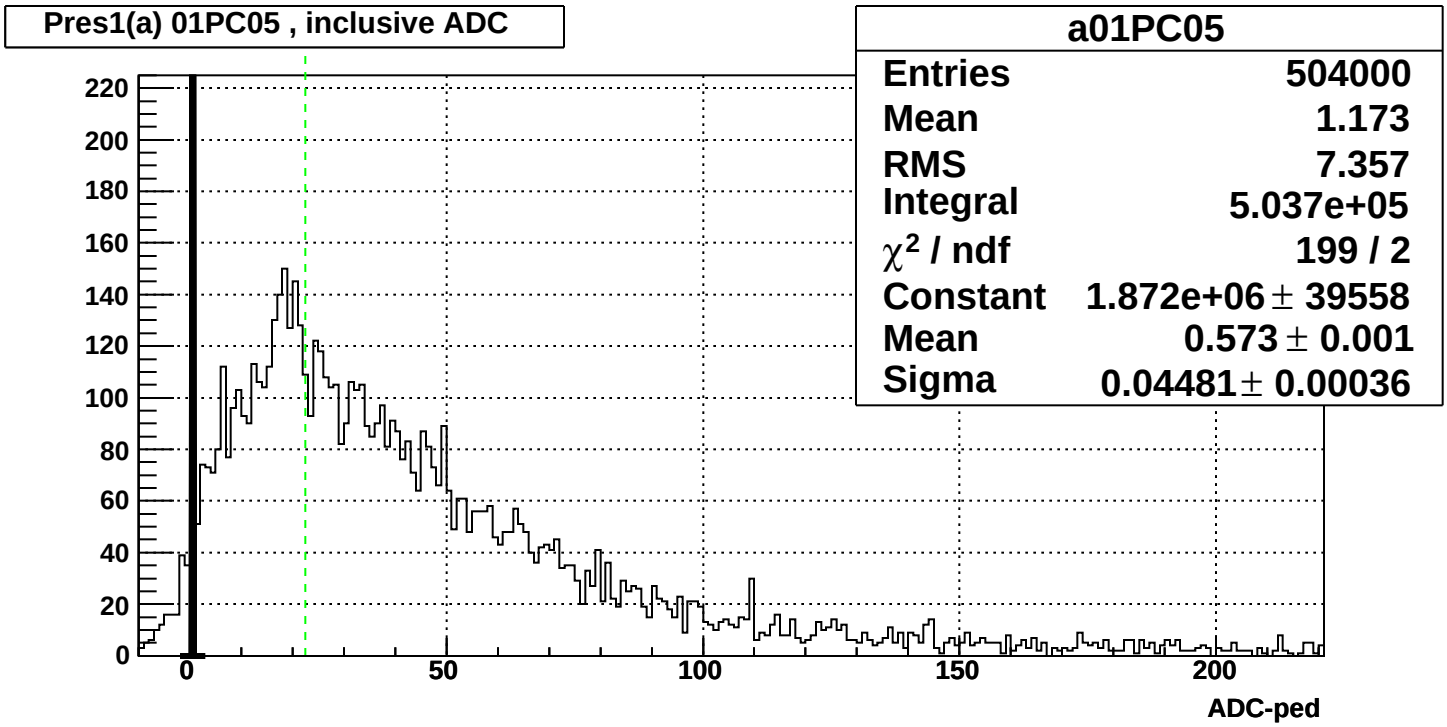
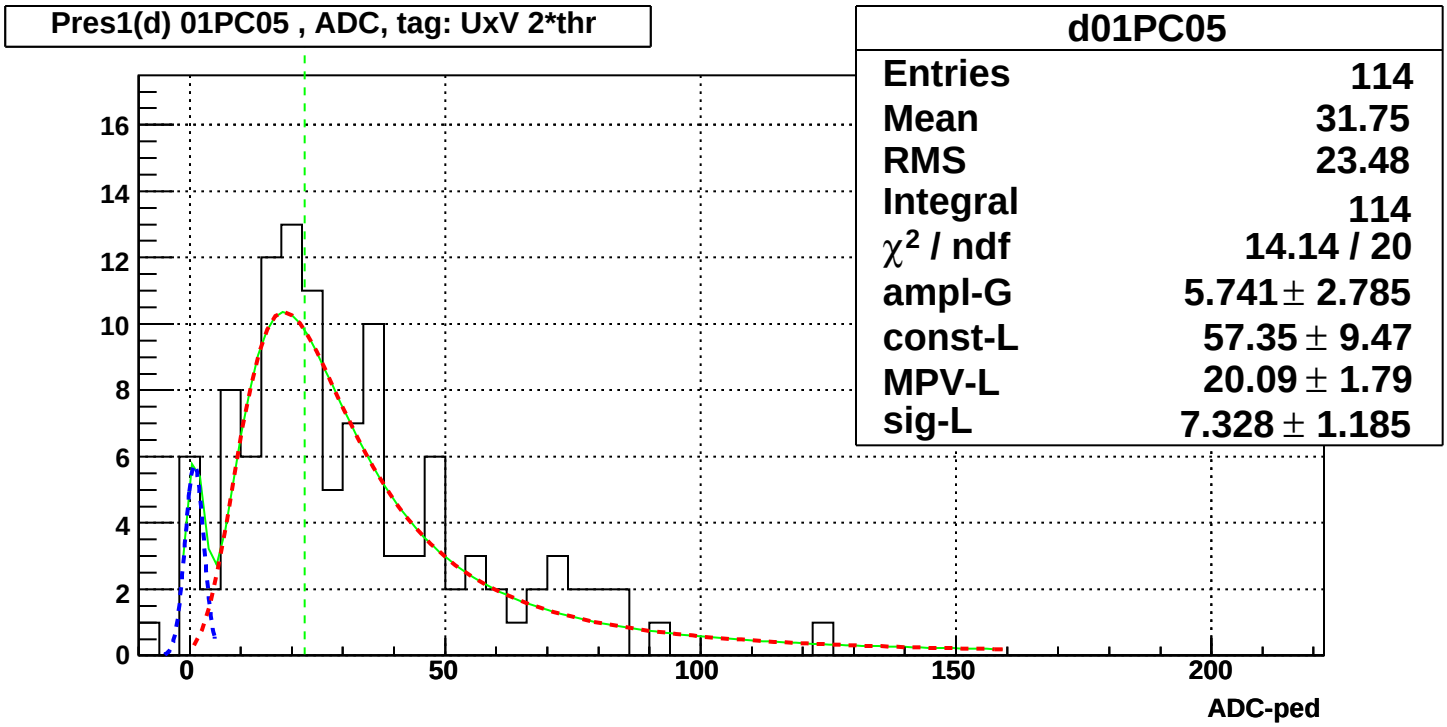

Pres1(a) 01PA05 , inclusive ADC
a01PA05
Entries 504000
Mean 1.21
RMS 7.457
Integral 5.038e+05
χ² / ndf 185 / 2
Constant 2.014e+06 ± 42577
Mean 0.5722 ± 0.0005
Sigma 0.04311 ± 0.00033
ADC-ped

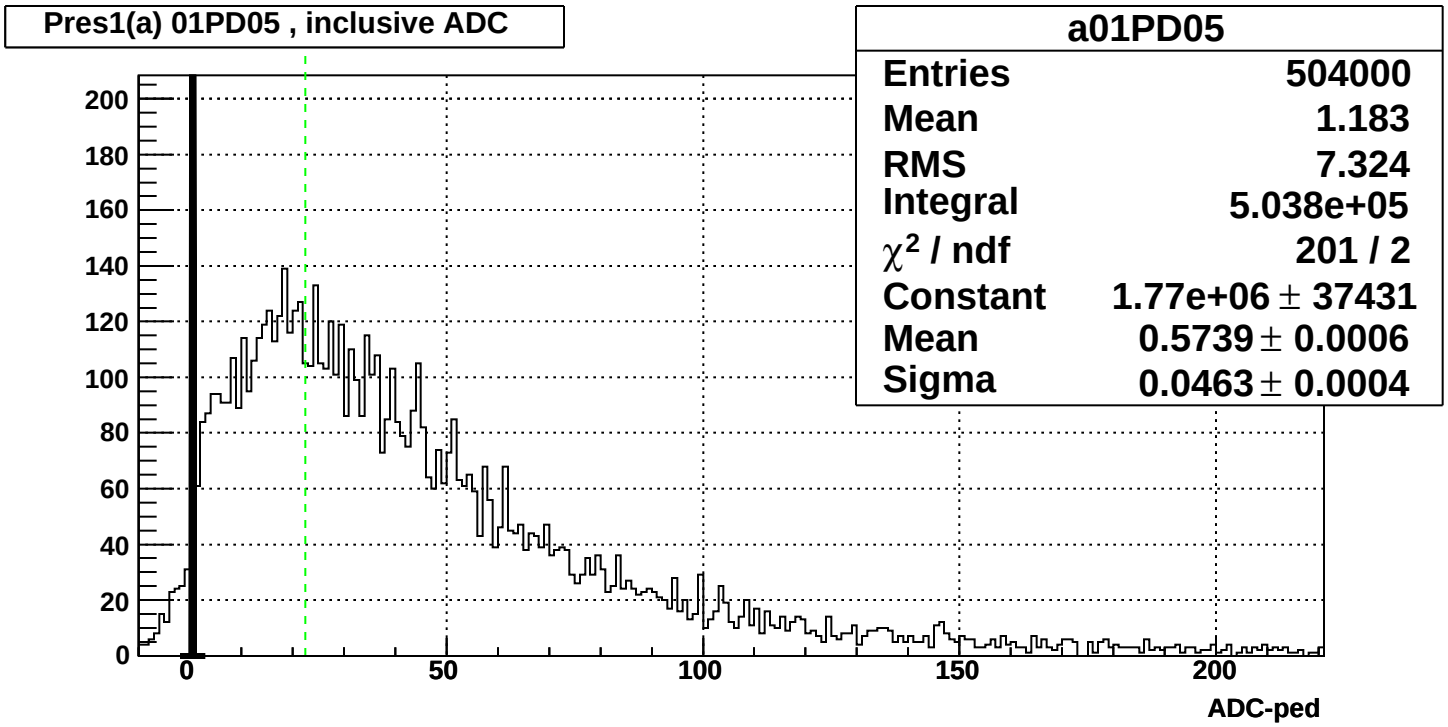

Pres1(d) 01PA05 , ADC, tag: UxV 2*thr
d01PA05
Entries 104
Mean 35.88
RMS 28.13
Integral 104
χ² / ndf 17.7 / 22
ampl-G -11.74 ± 4.90
const-L 1.251e+05 ± 453282
MPV-L -48.03 ± 16.96
sig-L 0.454 ± 0.853
ADC-ped

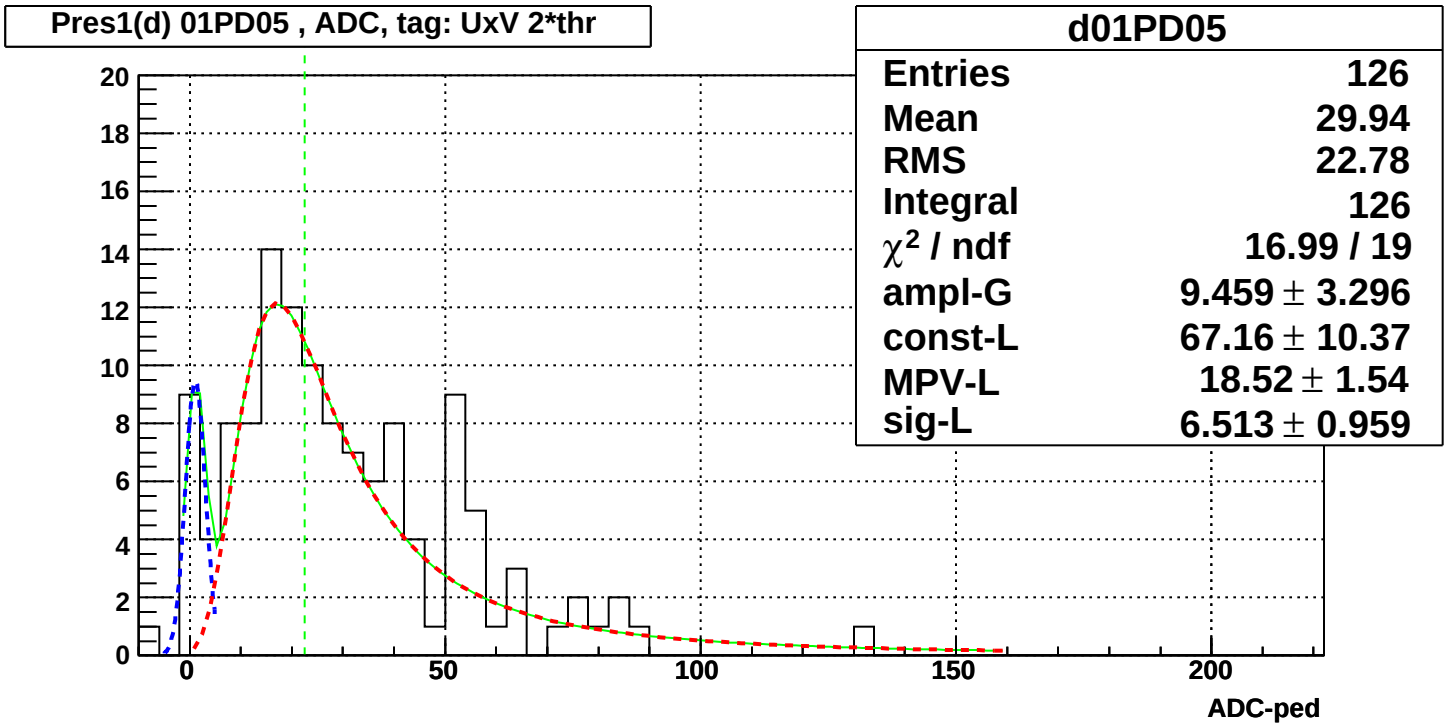

Pres1(a) 01PB05 , inclusive ADC
a01PB05
Entries 504000
Mean 1.177
RMS 7.319
Integral 5.038e+05
χ² / ndf 167 / 2
Constant 1.923e+06 ± 40641
Mean 0.5727 ± 0.0006
Sigma 0.04419 ± 0.00034
ADC-ped

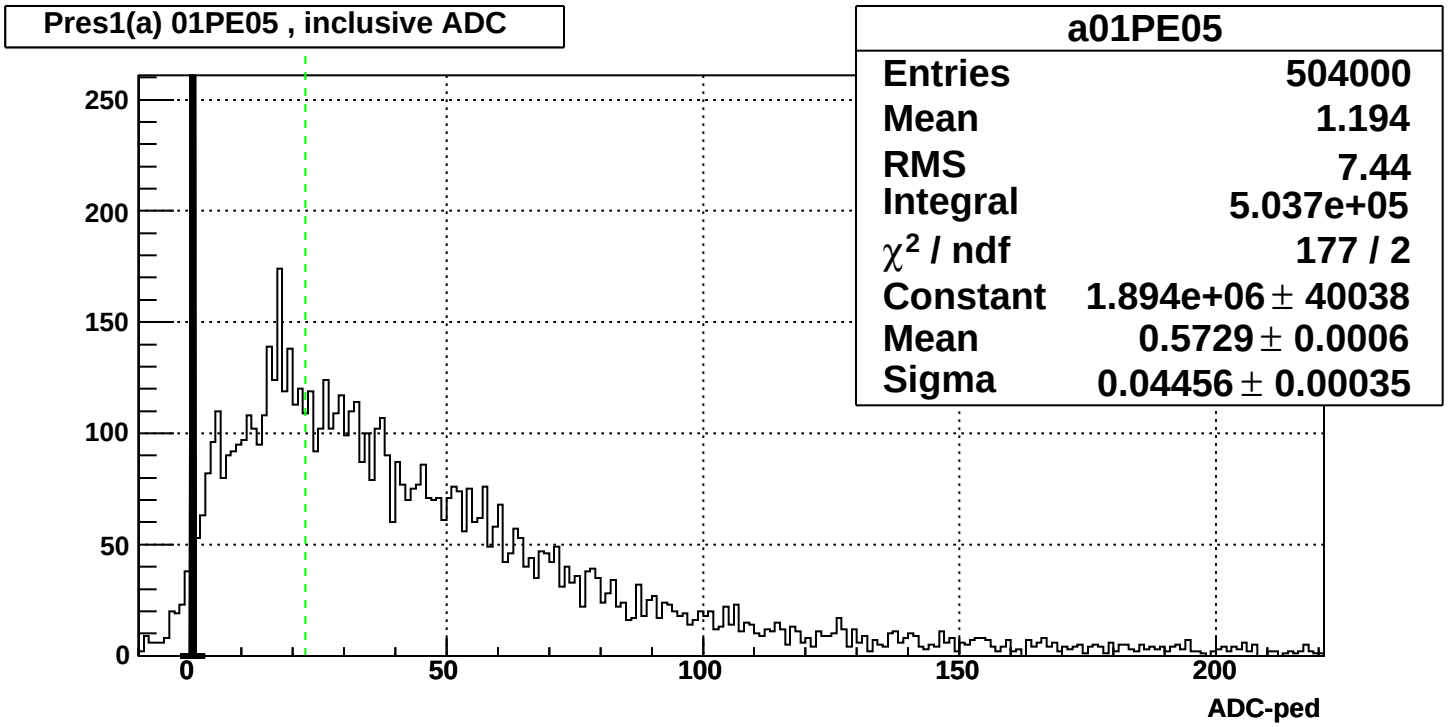

Pres1(d) 01PB05 , ADC, tag: UxV 2*thr
d01PB05
Entries 129
Mean 27.29
RMS 20.28
Integral 129
χ² / ndf 20.01 / 17
ampl-G 8.39 ± 3.28
const-L 62.18 ± 10.60
MPV-L 19.33 ± 1.65
sig-L 6.973 ± 1.265
ADC-ped

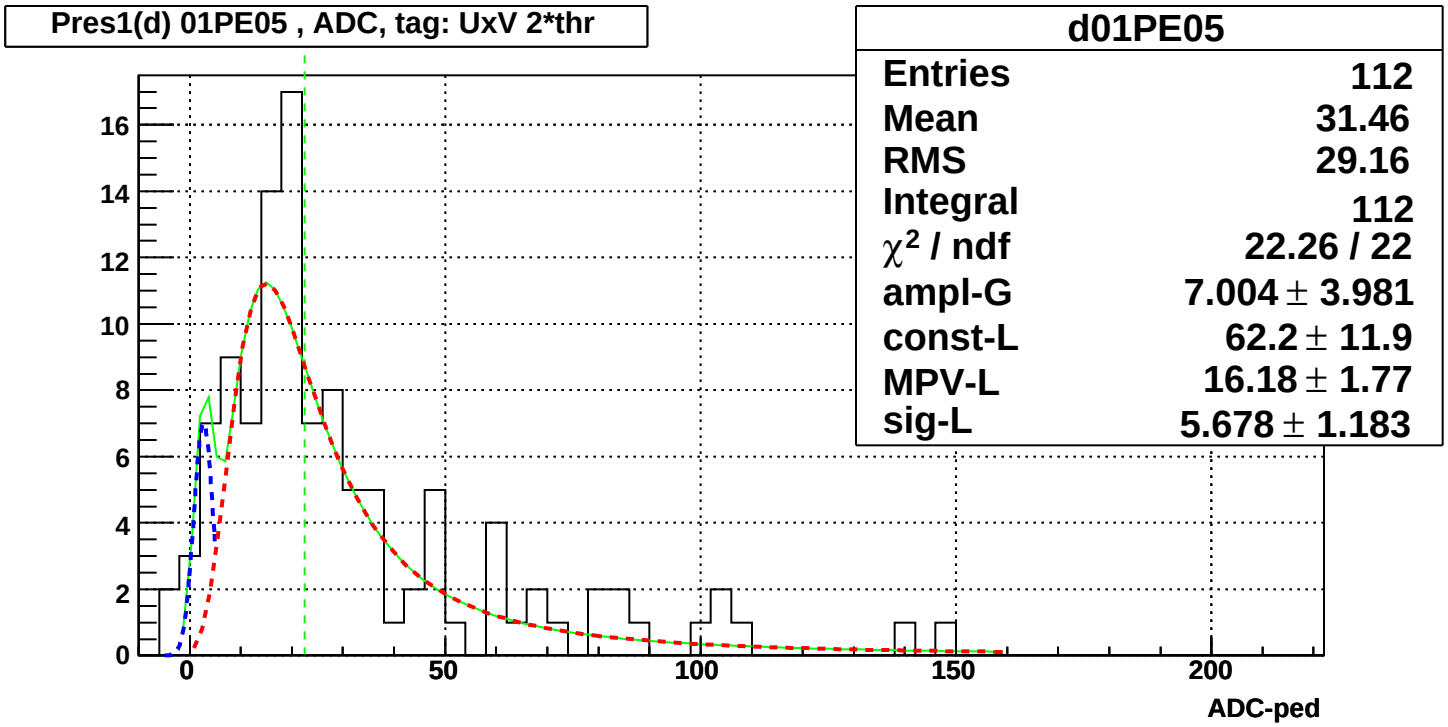

Pres1(a) 01PC05 , inclusive ADC
a01PC05
Entries 504000
Mean 1.173
RMS 7.357
Integral 5.037e+05
χ² / ndf 199 / 2
Constant 1.872e+06 ± 39558
Mean 0.573 ± 0.001
Sigma 0.04481 ± 0.00036
ADC-ped

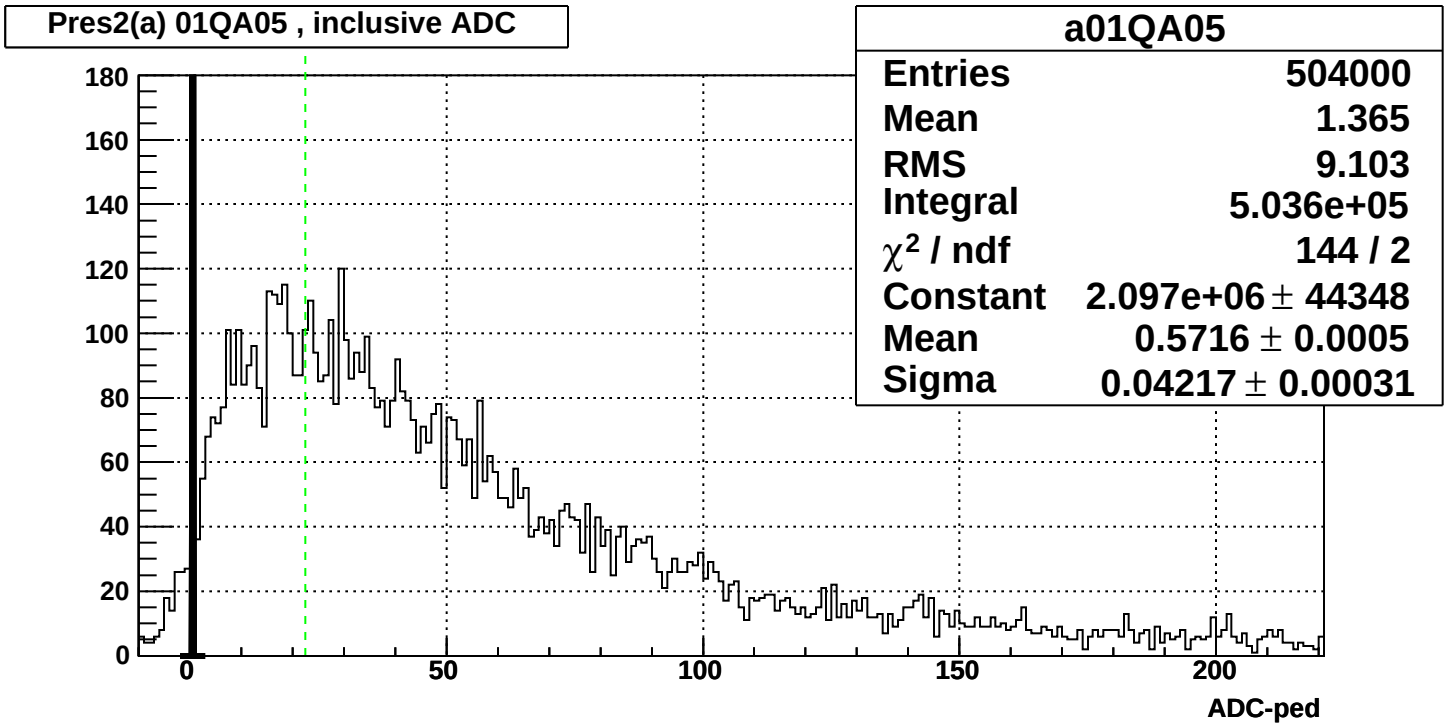

Pres1(d) 01PC05 , ADC, tag: UxV 2*thr
d01PC05
Entries 114
Mean 31.75
RMS 23.48
Integral 114
χ² / ndf 14.14 / 20
ampl-G 5.741 ± 2.785
const-L 57.35 ± 9.47
MPV-L 20.09 ± 1.79
sig-L 7.328 ± 1.185
ADC-ped

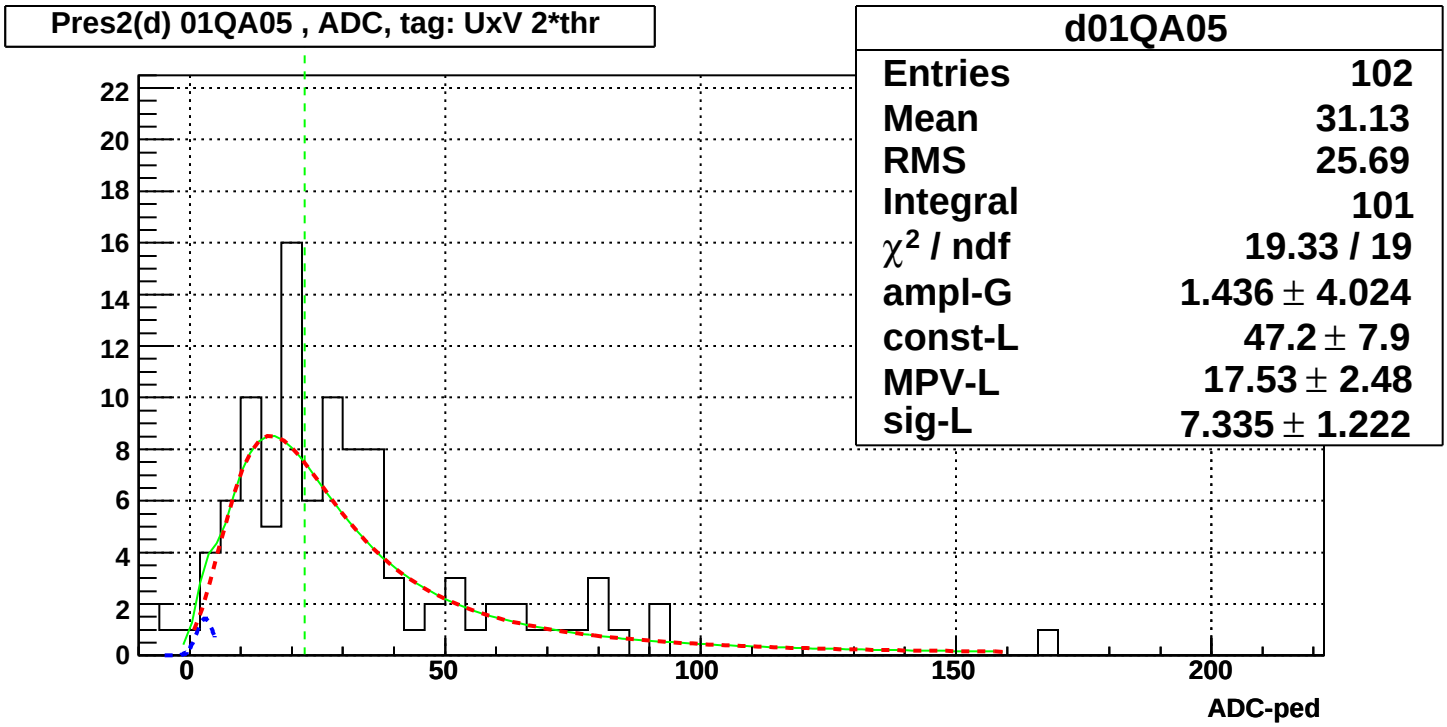

Pres1(a) 01PD05 , inclusive ADC
a01PD05
Entries 504000
Mean 1.183
RMS 7.324
Integral 5.038e+05
χ² / ndf 201 / 2
Constant 1.77e+06 ± 37431
Mean 0.5739 ± 0.0006
Sigma 0.0463 ± 0.0004
ADC-ped

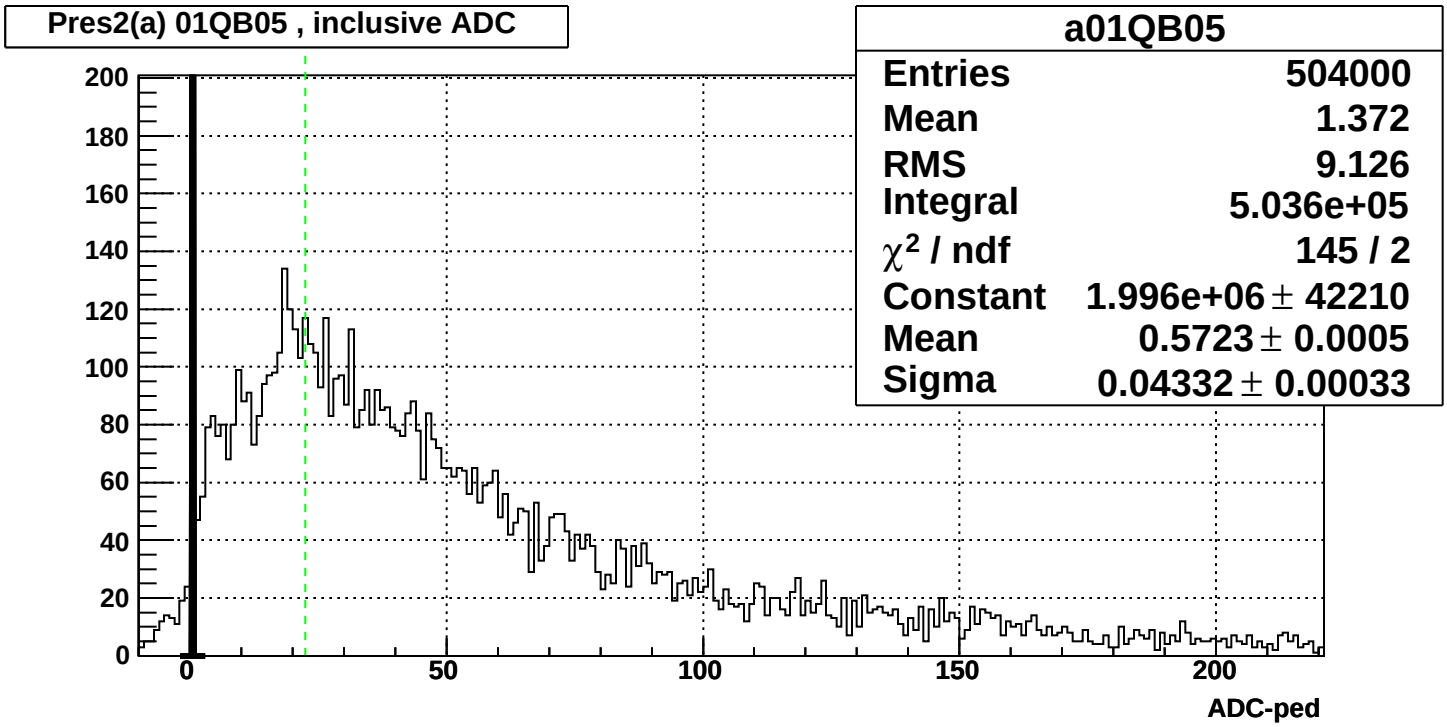

Pres1(d) 01PD05 , ADC, tag: UxV 2*thr
d01PD05
Entries 126
Mean 29.94
RMS 22.78
Integral 126
χ² / ndf 16.99 / 19
ampl-G 9.459 ± 3.296
const-L 67.16 ± 10.37
MPV-L 18.52 ± 1.54
sig-L 6.513 ± 0.959
ADC-ped

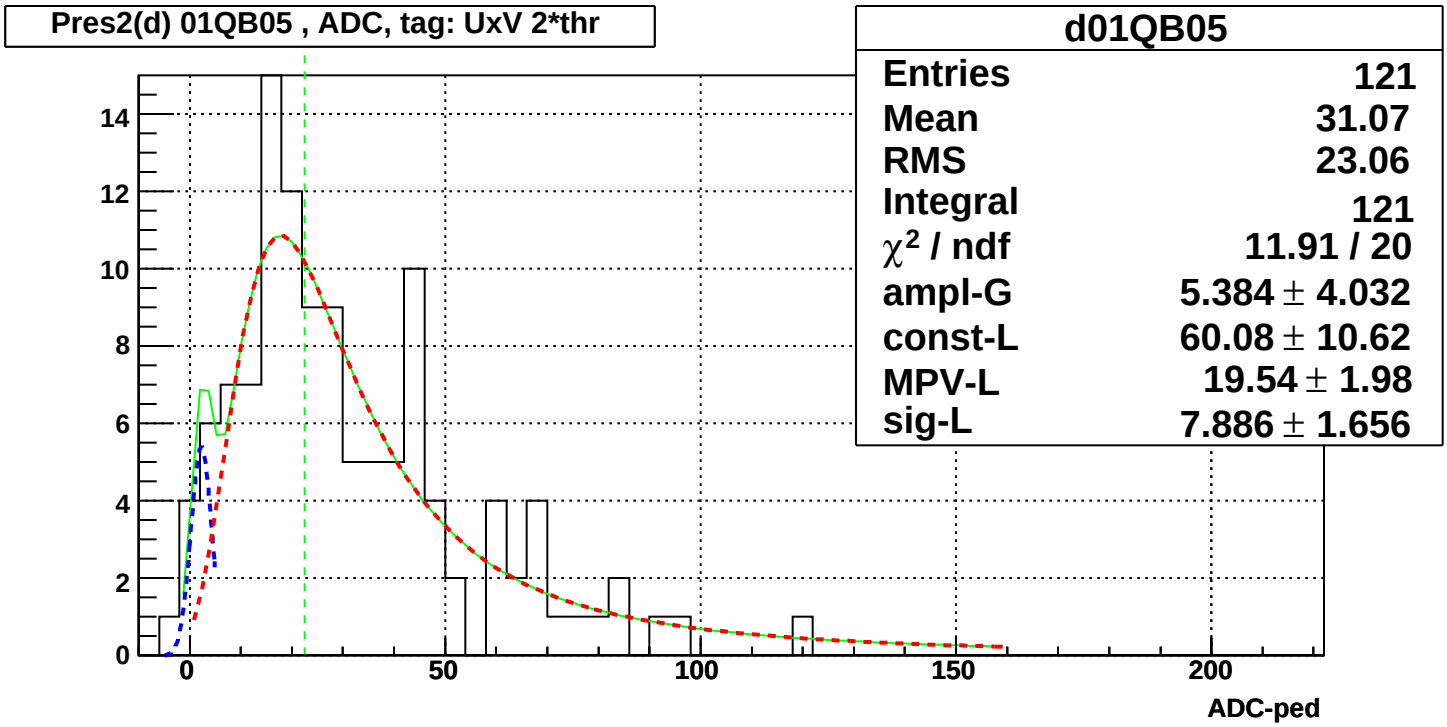

Pres1(a) 01PE05 , inclusive ADC
a01PE05
Entries 504000
Mean 1.194
RMS 7.44
Integral 5.037e+05
χ² / ndf 177 / 2
Constant 1.894e+06 ± 40038
Mean 0.5729 ± 0.0006
Sigma 0.04456 ± 0.00035
ADC-ped

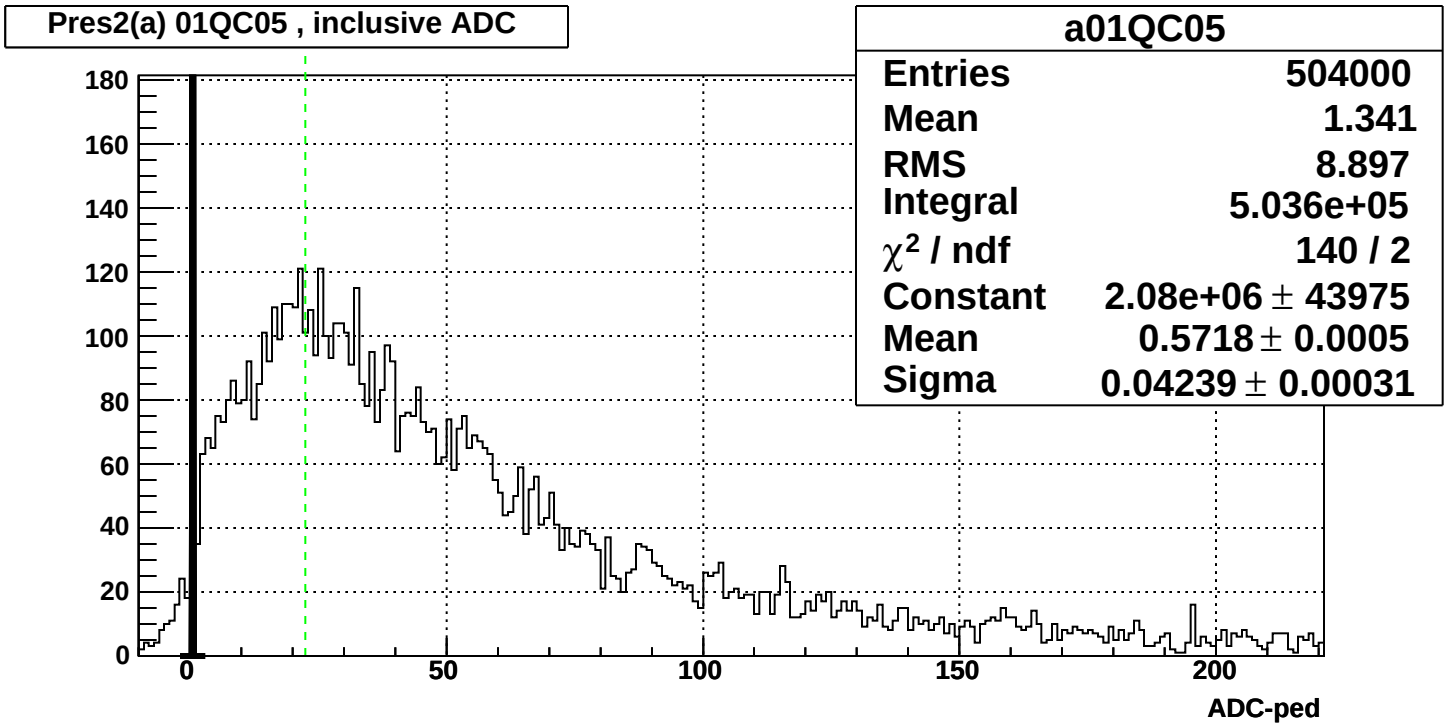

Pres1(d) 01PE05 , ADC, tag: UxV 2*thr
d01PE05
Entries 112
Mean 31.46
RMS 29.16
Integral 112
χ² / ndf 22.26 / 22
ampl-G 7.004 ± 3.981
const-L 62.2 ± 11.9
MPV-L 16.18 ± 1.77
sig-L 5.678 ± 1.183
ADC-ped

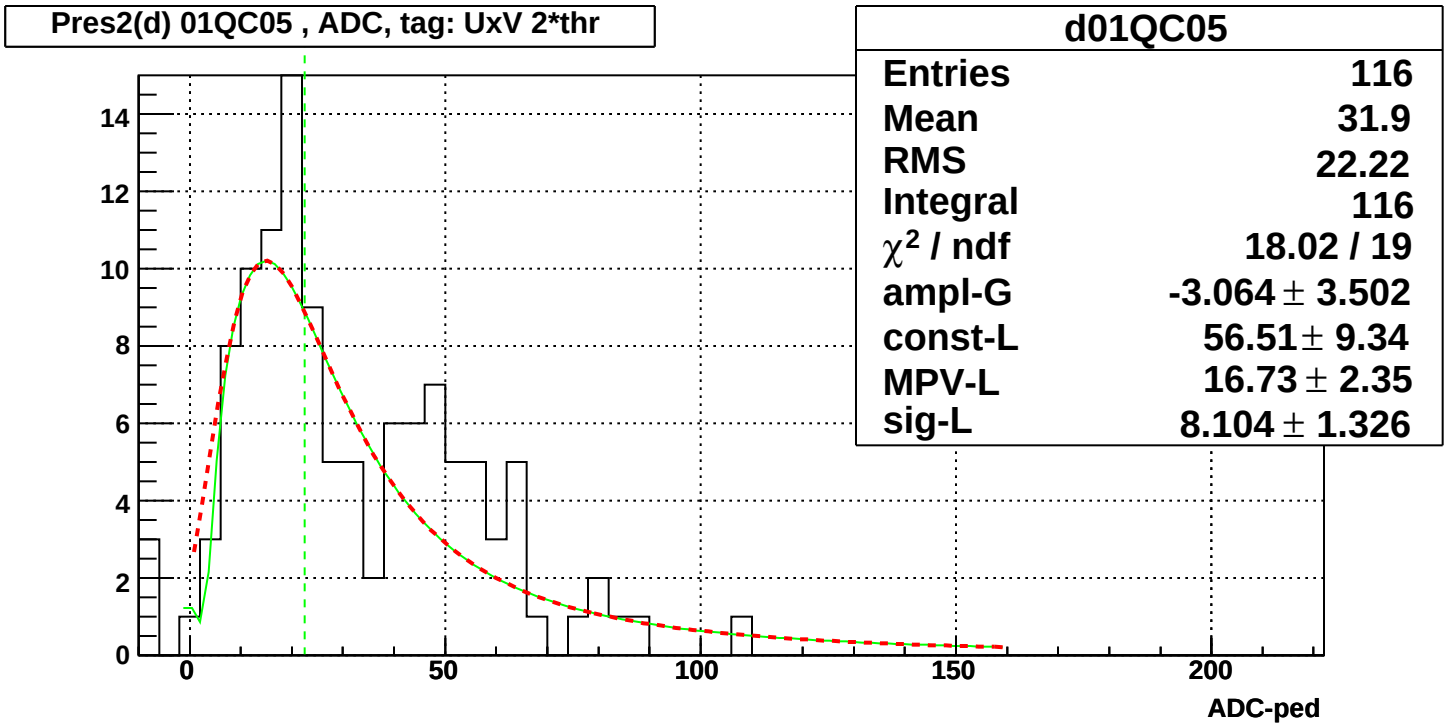

Pres2(a) 01QA05 , inclusive ADC
a01QA05
Entries 504000
Mean 1.365
RMS 9.103
Integral 5.036e+05
χ² / ndf 144 / 2
Constant 2.097e+06 ± 44348
Mean 0.5716 ± 0.0005
Sigma 0.04217 ± 0.00031
ADC-ped

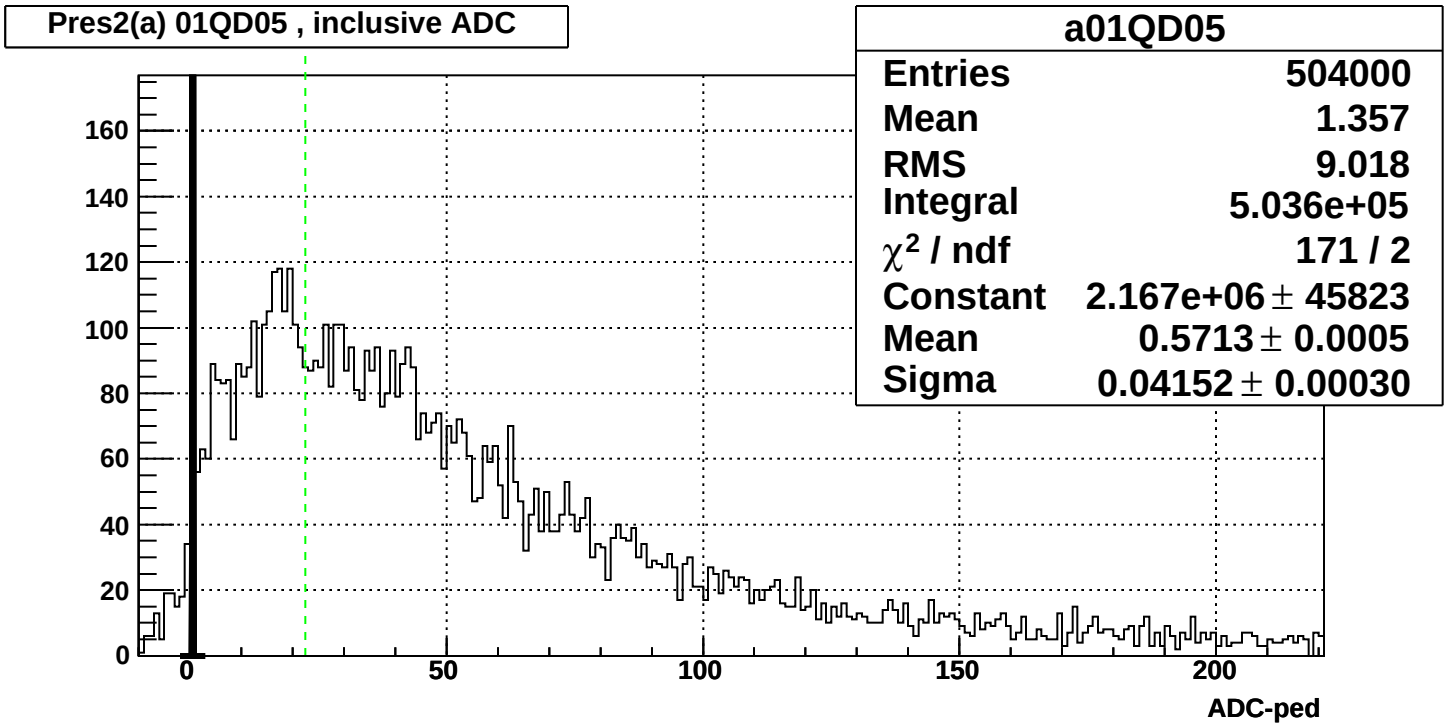

Pres2(d) 01QA05 , ADC, tag: UxV 2*thr
d01QA05
Entries 102
Mean 31.13
RMS 25.69
Integral 101
χ² / ndf 19.33 / 19
ampl-G 1.436 ± 4.024
const-L 47.2 ± 7.9
MPV-L 17.53 ± 2.48
sig-L 7.335 ± 1.222
ADC-ped

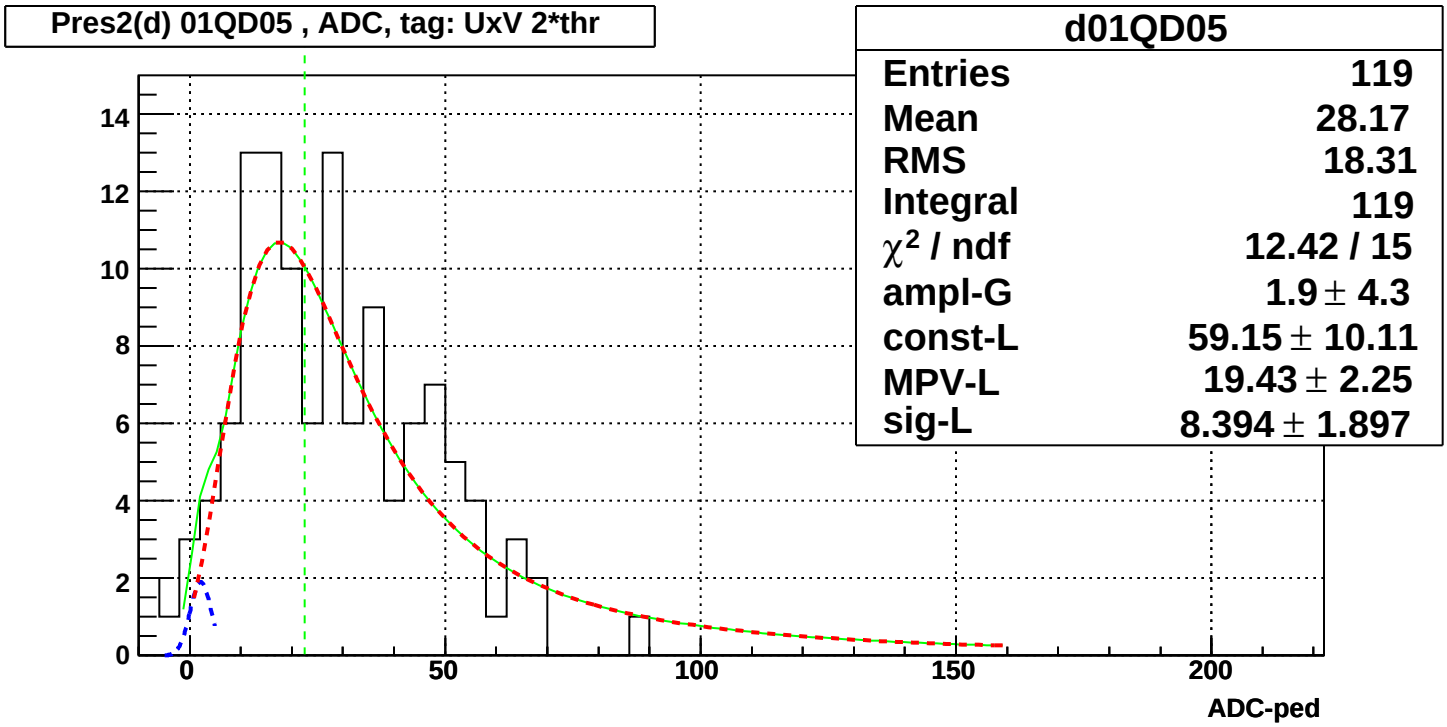

Pres2(a) 01QB05 , inclusive ADC
a01QB05
Entries 504000
Mean 1.372
RMS 9.126
Integral 5.036e+05
χ² / ndf 145 / 2
Constant 1.996e+06 ± 42210
Mean 0.5723 ± 0.0005
Sigma 0.04332 ± 0.00033
ADC-ped

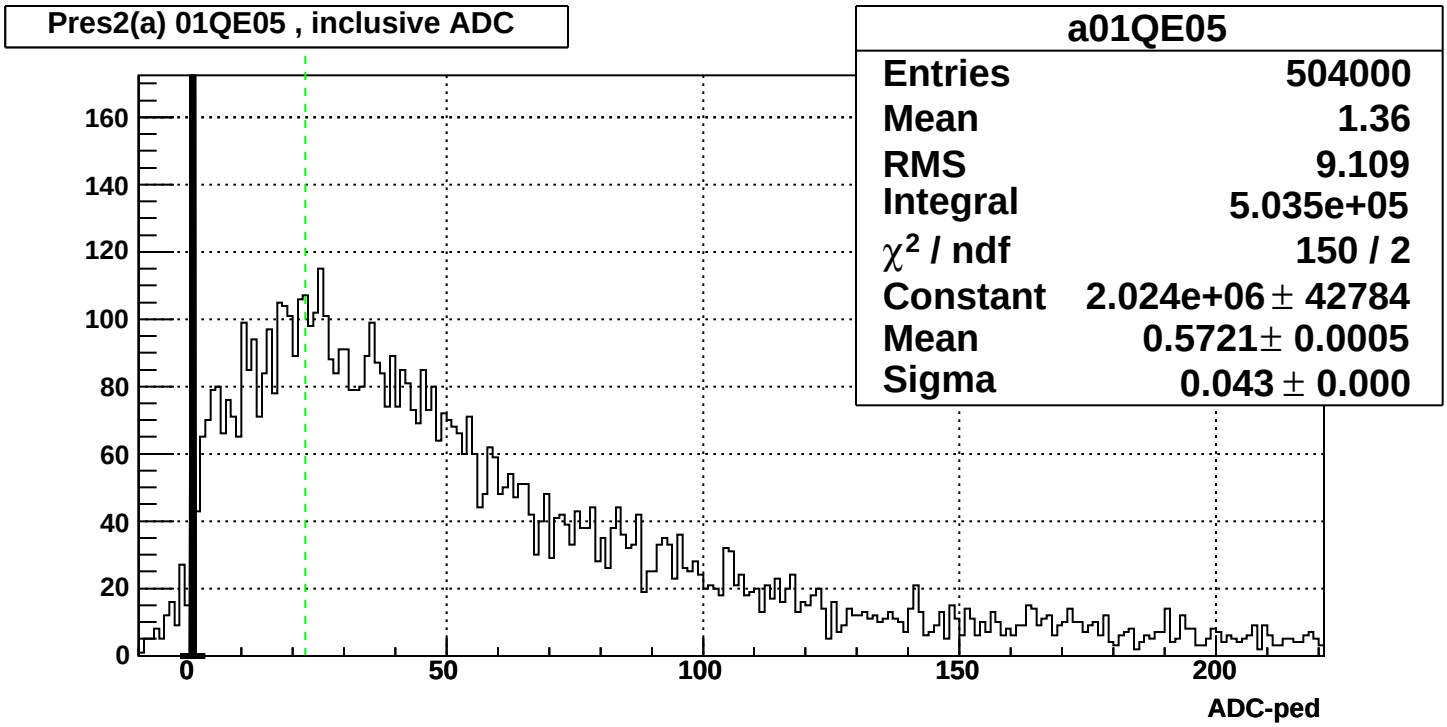

Pres2(d) 01QB05 , ADC, tag: UxV 2*thr
d01QB05
Entries 121
Mean 31.07
RMS 23.06
Integral 121
χ² / ndf 11.91 / 20
ampl-G 5.384 ± 4.032
const-L 60.08 ± 10.62
MPV-L 19.54 ± 1.98
sig-L 7.886 ± 1.656
ADC-ped

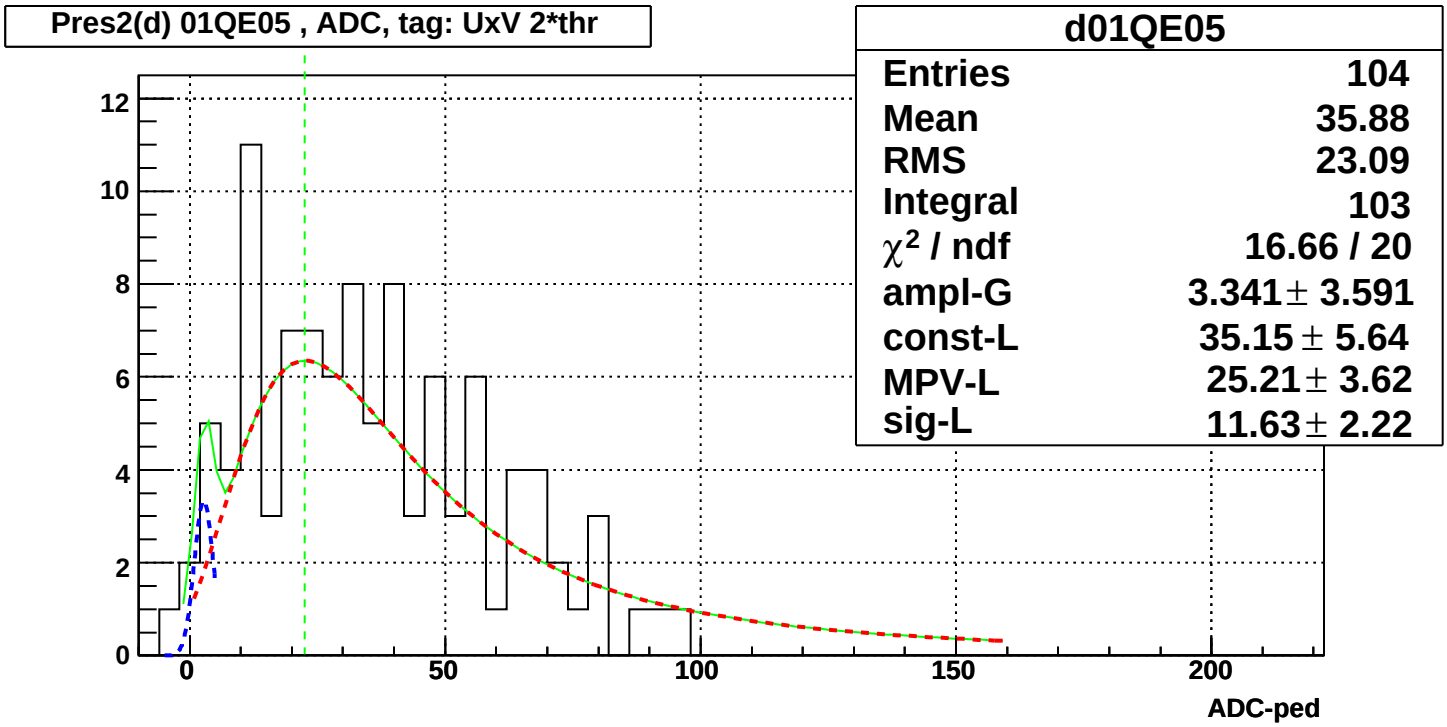

Pres2(a) 01QC05 , inclusive ADC
a01QC05
Entries 504000
Mean 1.341
RMS 8.897
Integral 5.036e+05
χ² / ndf 140 / 2
Constant 2.08e+06 ± 43975
Mean 0.5718 ± 0.0005
Sigma 0.04239 ± 0.00031
ADC-ped

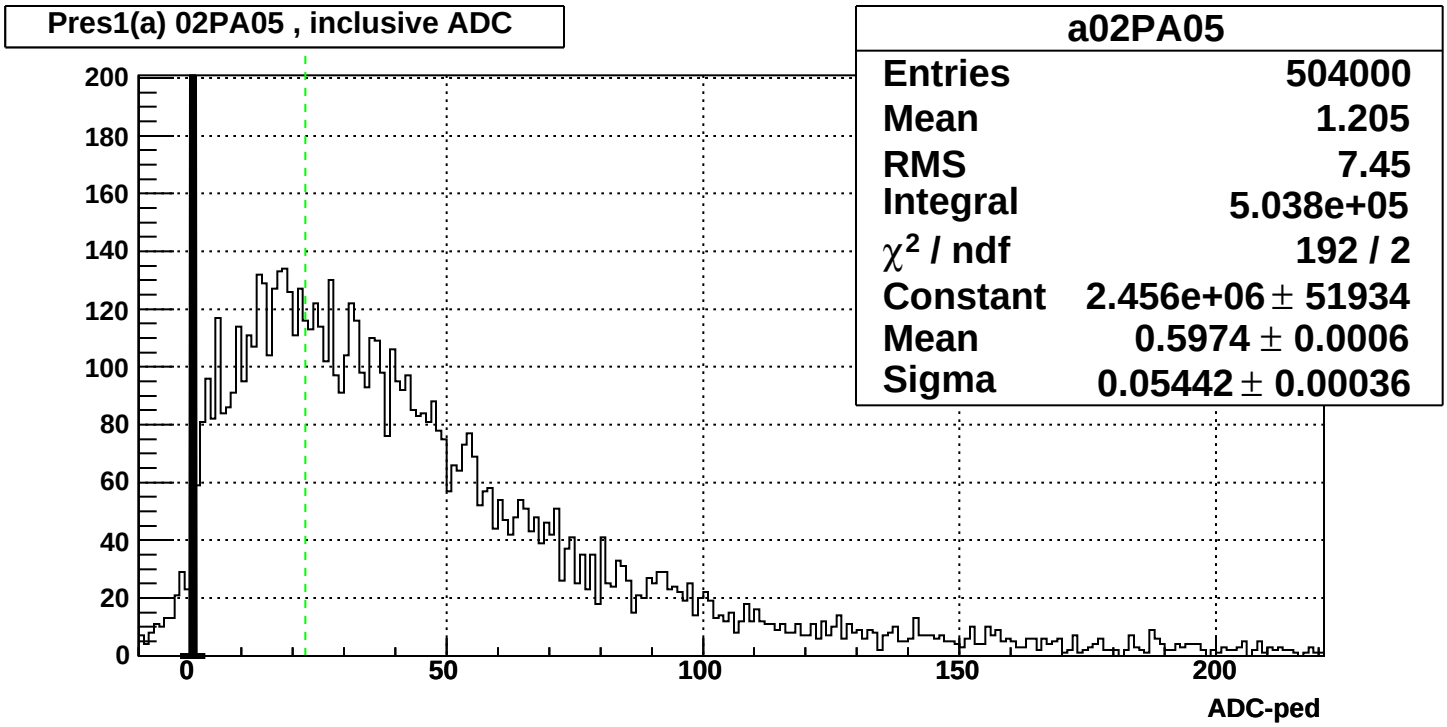

Pres2(d) 01QC05 , ADC, tag: UxV 2*thr
d01QC05
Entries 116
Mean 31.9
RMS 22.22
Integral 116
χ² / ndf 18.02 / 19
ampl-G -3.064 ± 3.502
const-L 56.51 ± 9.34
MPV-L 16.73 ± 2.35
sig-L 8.104 ± 1.326
ADC-ped

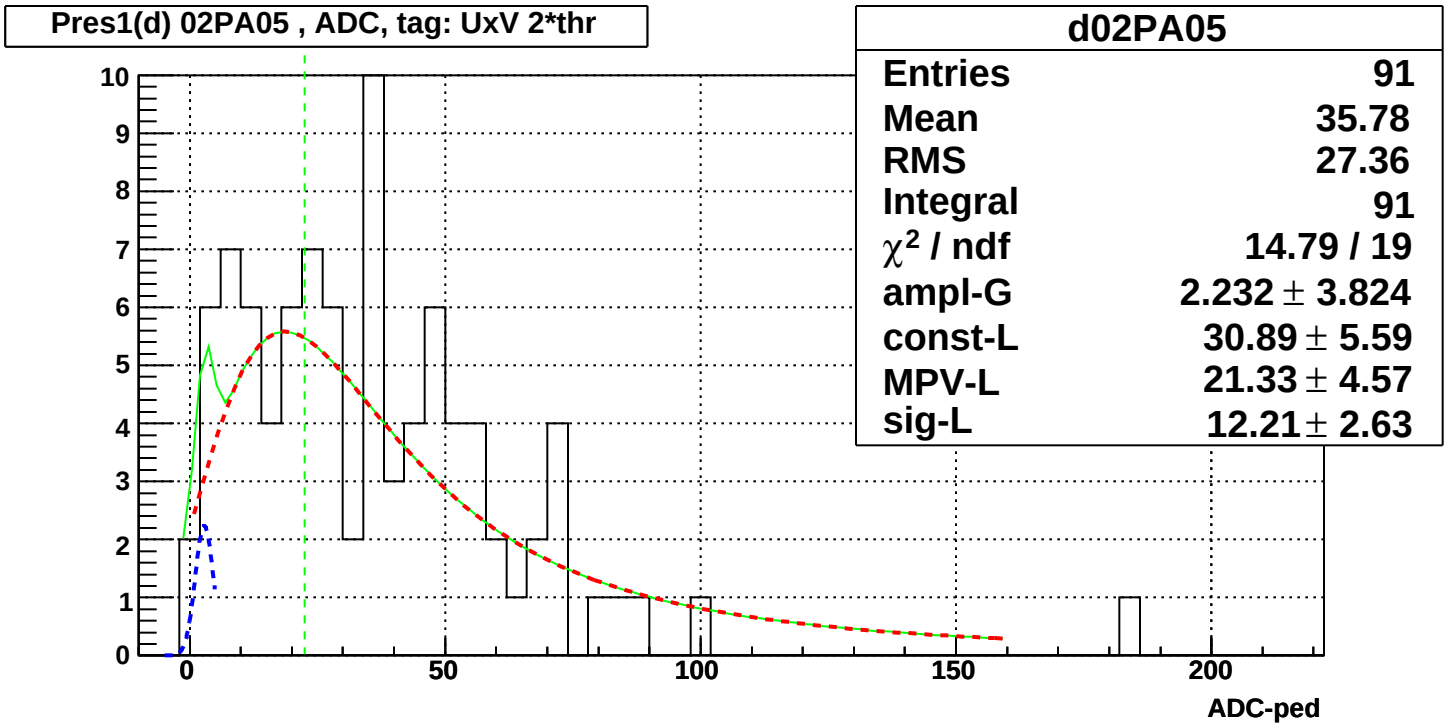

Pres2(a) 01QD05 , inclusive ADC
a01QD05
Entries 504000
Mean 1.357
RMS 9.018
Integral 5.036e+05
χ² / ndf 171 / 2
Constant 2.167e+06 ± 45823
Mean 0.5713 ± 0.0005
Sigma 0.04152 ± 0.00030
ADC-ped

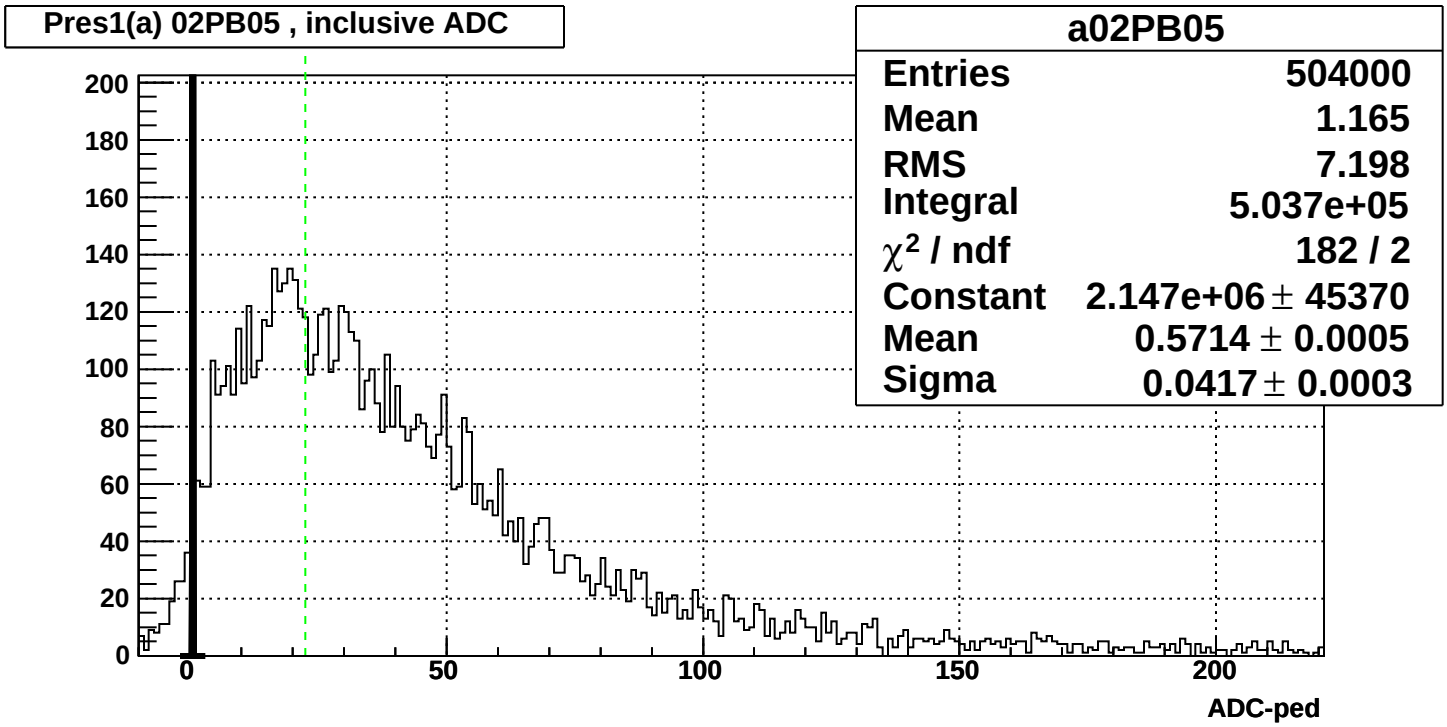

Pres2(d) 01QD05 , ADC, tag: UxV 2*thr
d01QD05
Entries 119
Mean 28.17
RMS 18.31
Integral 119
χ² / ndf 12.42 / 15
ampl-G 1.9 ± 4.3
const-L 59.15 ± 10.11
MPV-L 19.43 ± 2.25
sig-L 8.394 ± 1.897
ADC-ped

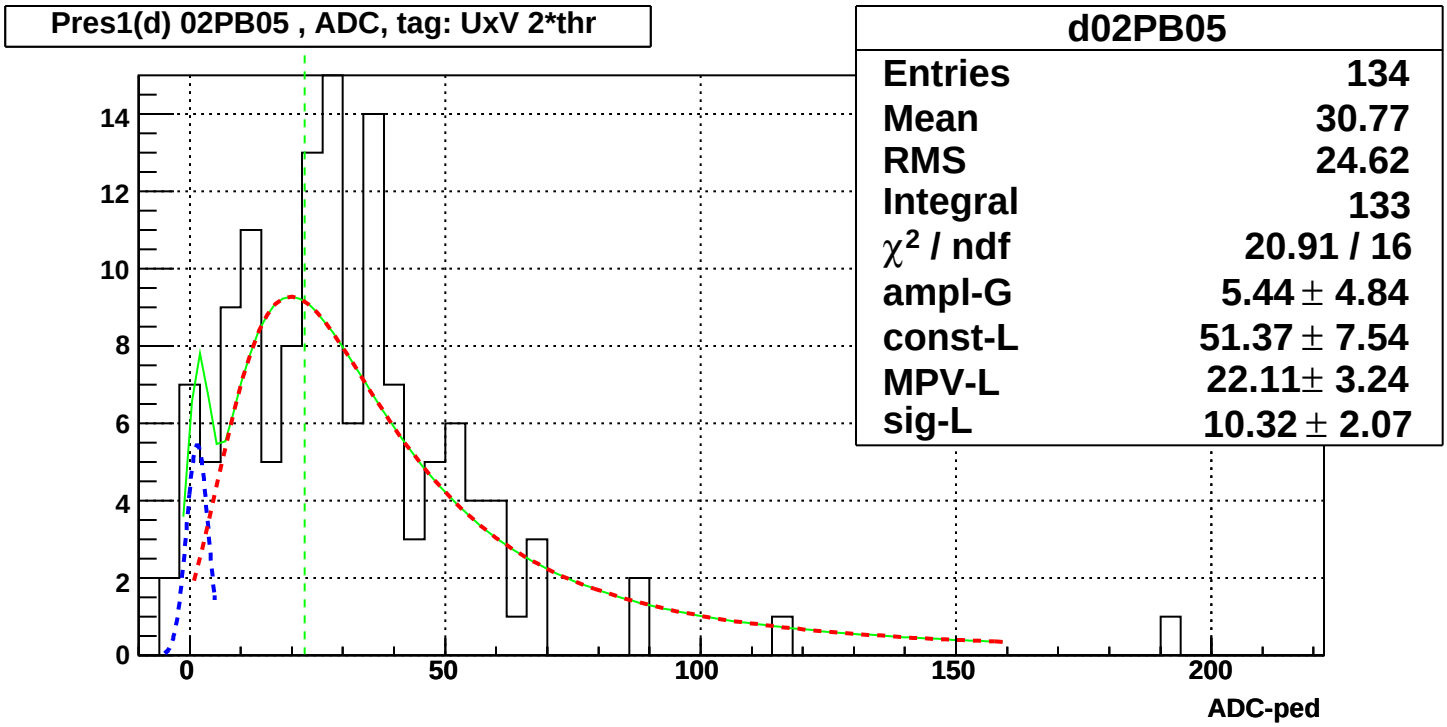

Pres2(a) 01QE05 , inclusive ADC
a01QE05
Entries 504000
Mean 1.36
RMS 9.109
Integral 5.035e+05
χ² / ndf 150 / 2
Constant 2.024e+06 ± 42784
Mean 0.5721 ± 0.0005
Sigma 0.043 ± 0.000
ADC-ped

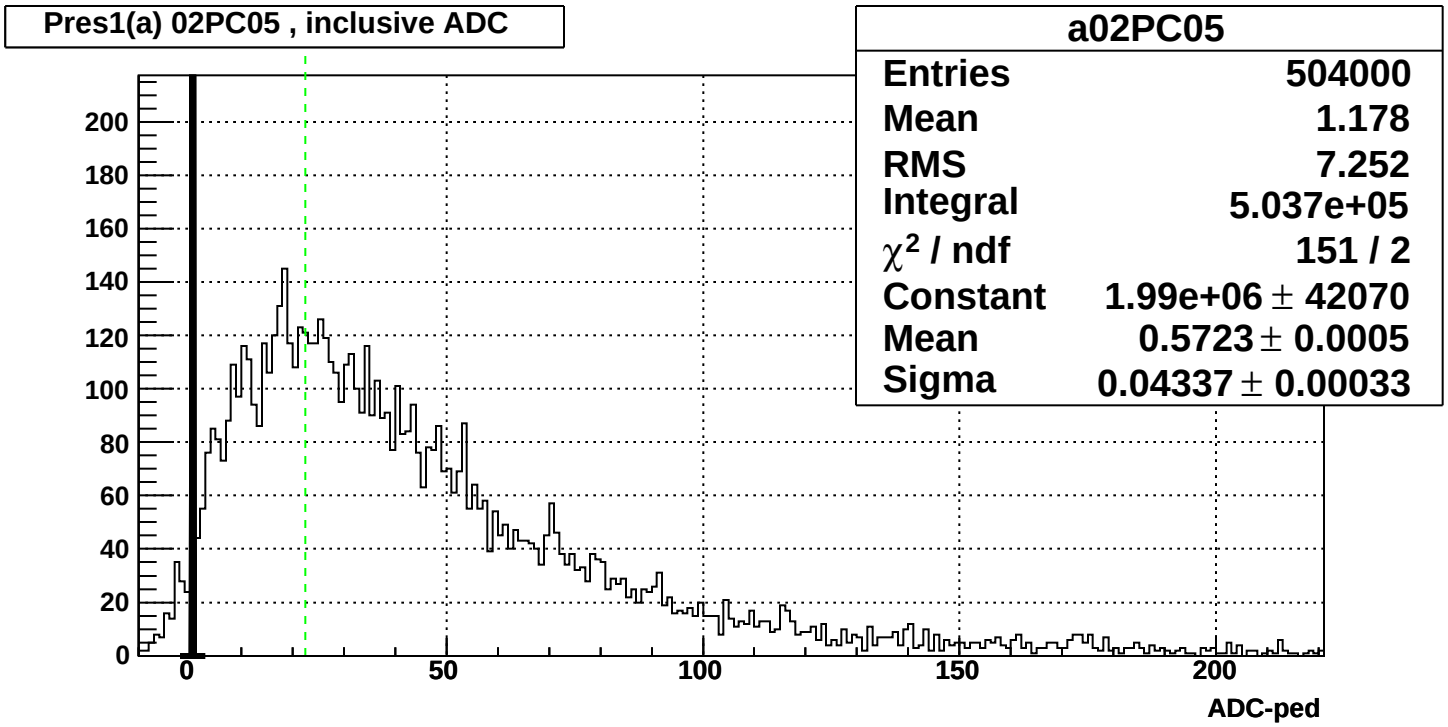

Pres2(d) 01QE05 , ADC, tag: UxV 2*thr
d01QE05
Entries 104
Mean 35.88
RMS 23.09
Integral 103
χ² / ndf 16.66 / 20
ampl-G 3.341 ± 3.591
const-L 35.15 ± 5.64
MPV-L 25.21 ± 3.62
sig-L 11.63 ± 2.22
ADC-ped

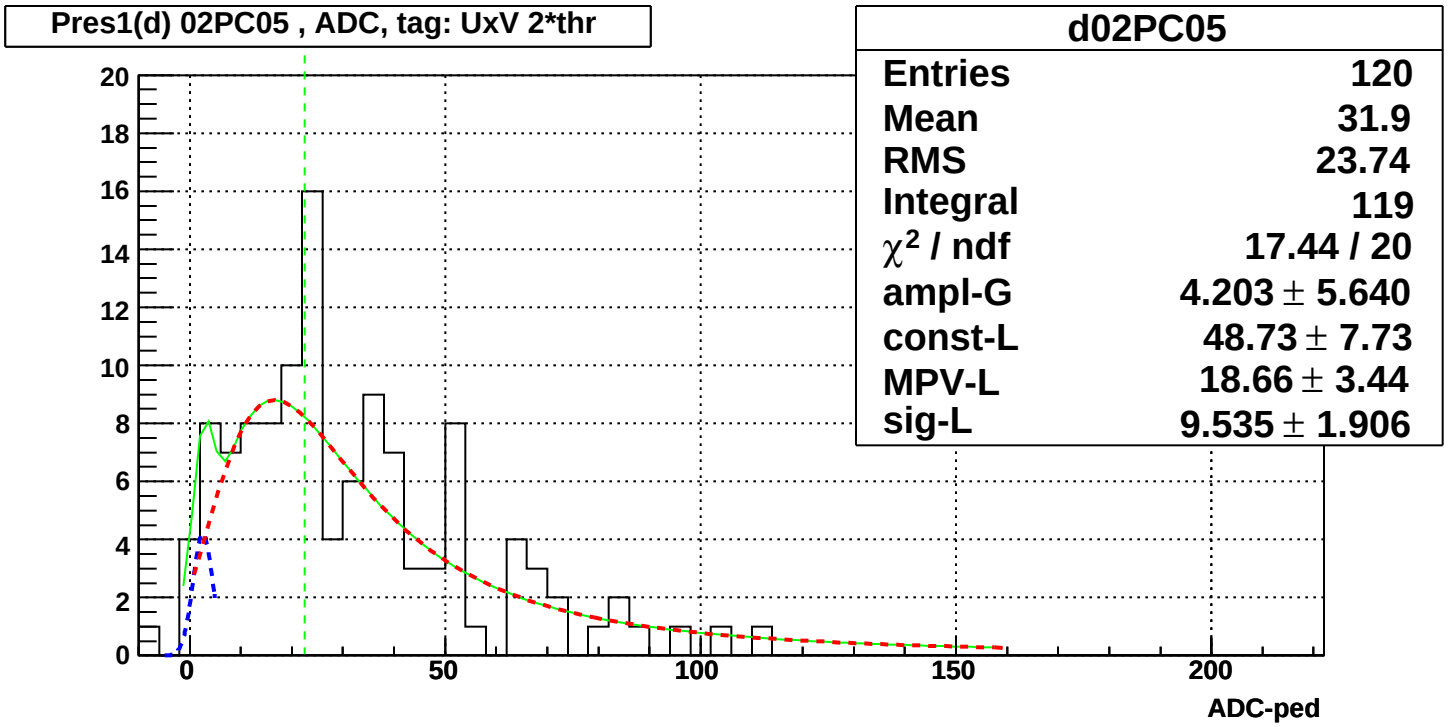

Pres1(a) 02PA05 , inclusive ADC
a02PA05
Entries 504000
Mean 1.205
RMS 7.45
Integral 5.038e+05
χ² / ndf 192 / 2
Constant 2.456e+06 ± 51934
Mean 0.5974 ± 0.0006
Sigma 0.05442 ± 0.00036
ADC-ped

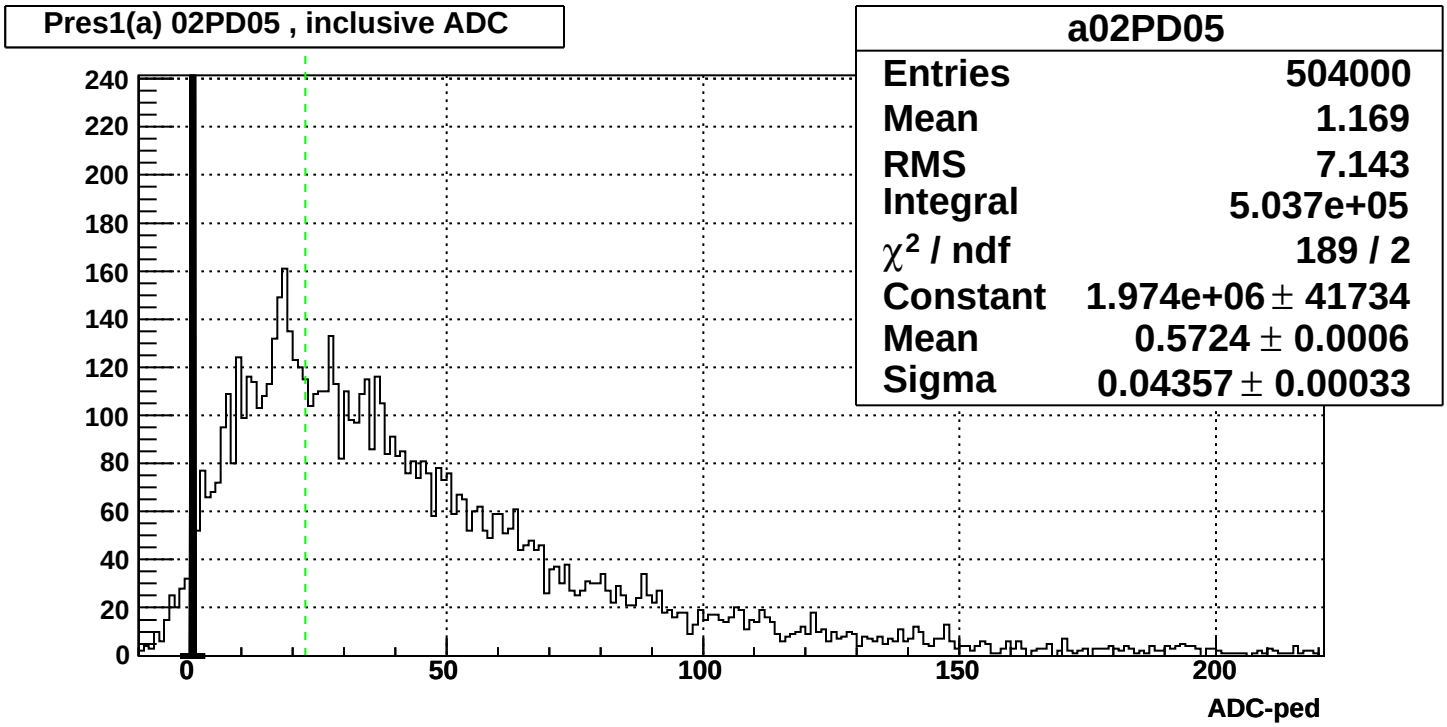

Pres1(d) 02PA05 , ADC, tag: UxV 2*thr
d02PA05
Entries 91
Mean 35.78
RMS 27.36
Integral 91
χ² / ndf 14.79 / 19
ampl-G 2.232 ± 3.824
const-L 30.89 ± 5.59
MPV-L 21.33 ± 4.57
sig-L 12.21 ± 2.63
ADC-ped

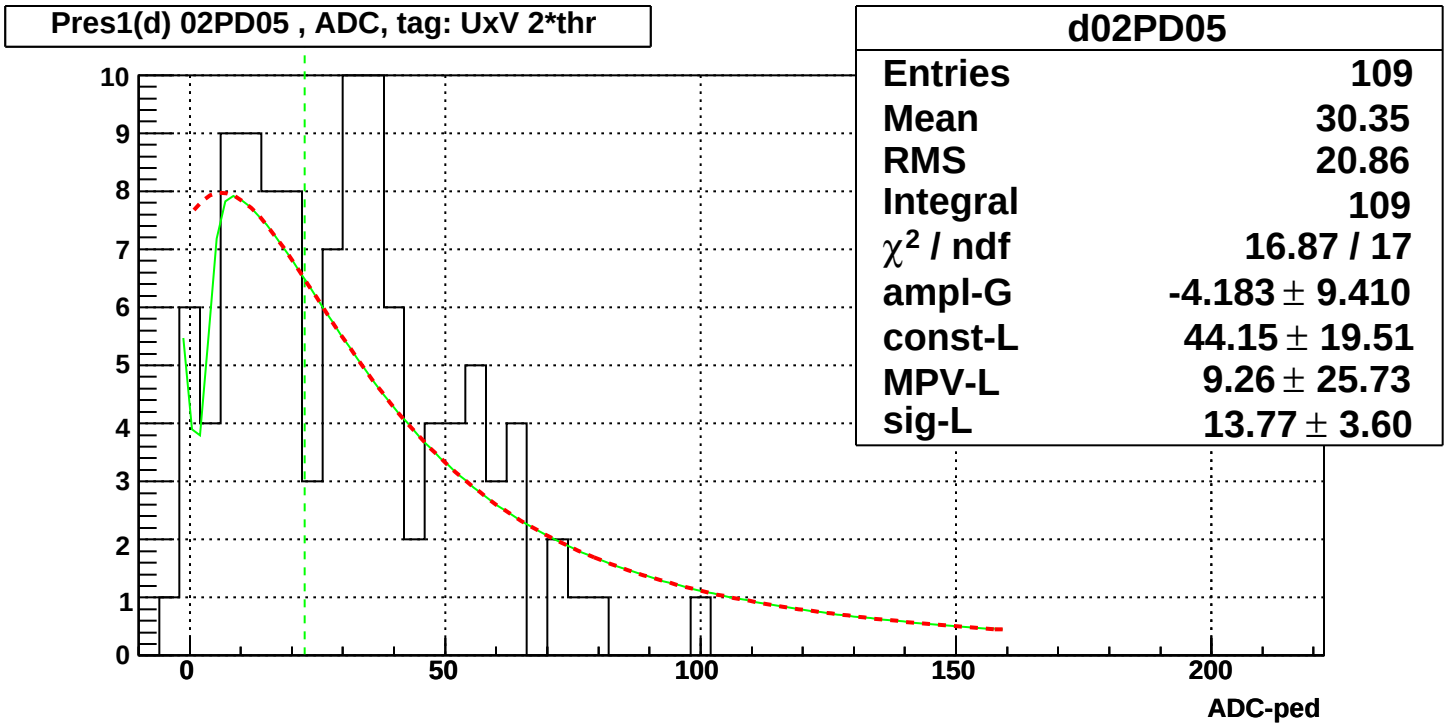

Pres1(a) 02PB05 , inclusive ADC
a02PB05
Entries 504000
Mean 1.165
RMS 7.198
Integral 5.037e+05
χ² / ndf 182 / 2
Constant 2.147e+06 ± 45370
Mean 0.5714 ± 0.0005
Sigma 0.0417 ± 0.0003
ADC-ped

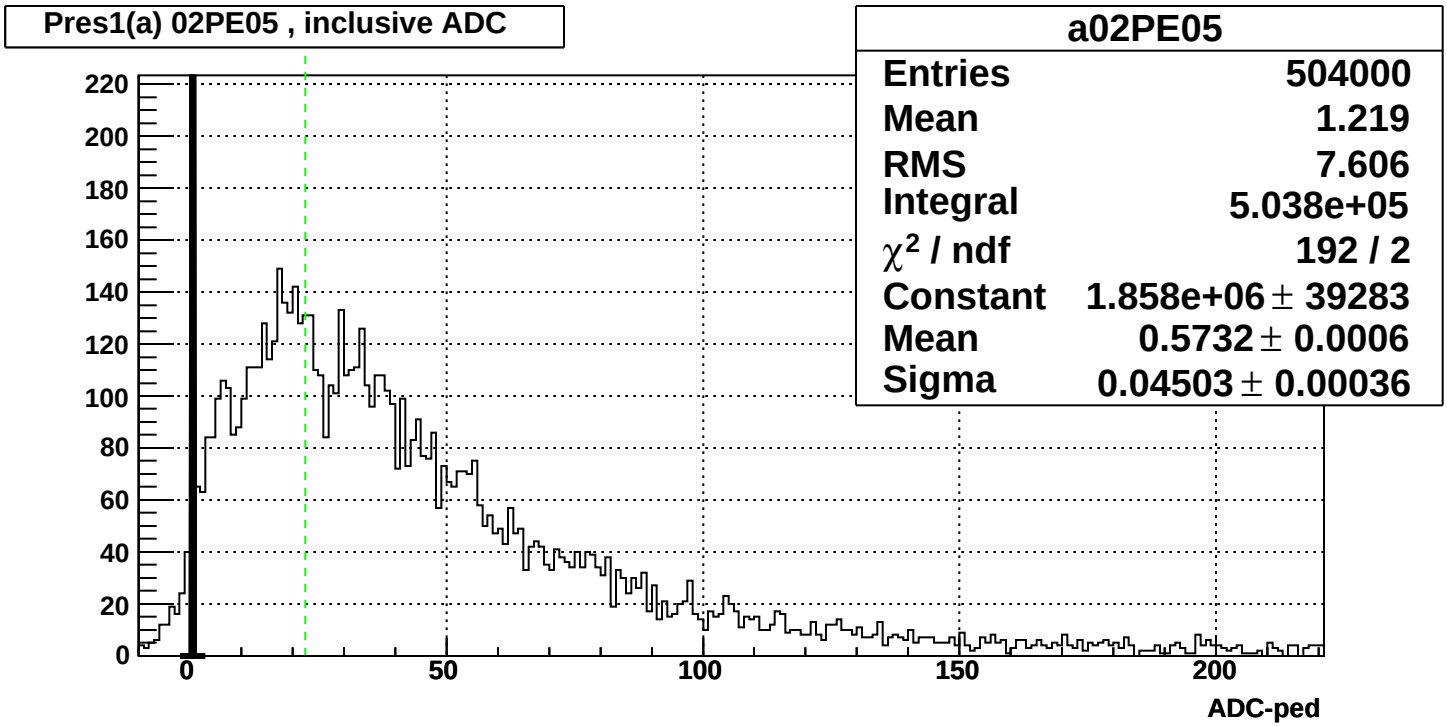

Pres1(d) 02PB05 , ADC, tag: UxV 2*thr
d02PB05
Entries 134
Mean 30.77
RMS 24.62
Integral 133
χ² / ndf 20.91 / 16
ampl-G 5.44 ± 4.84
const-L 51.37 ± 7.54
MPV-L 22.11± 3.24
sig-L 10.32 ± 2.07
ADC-ped

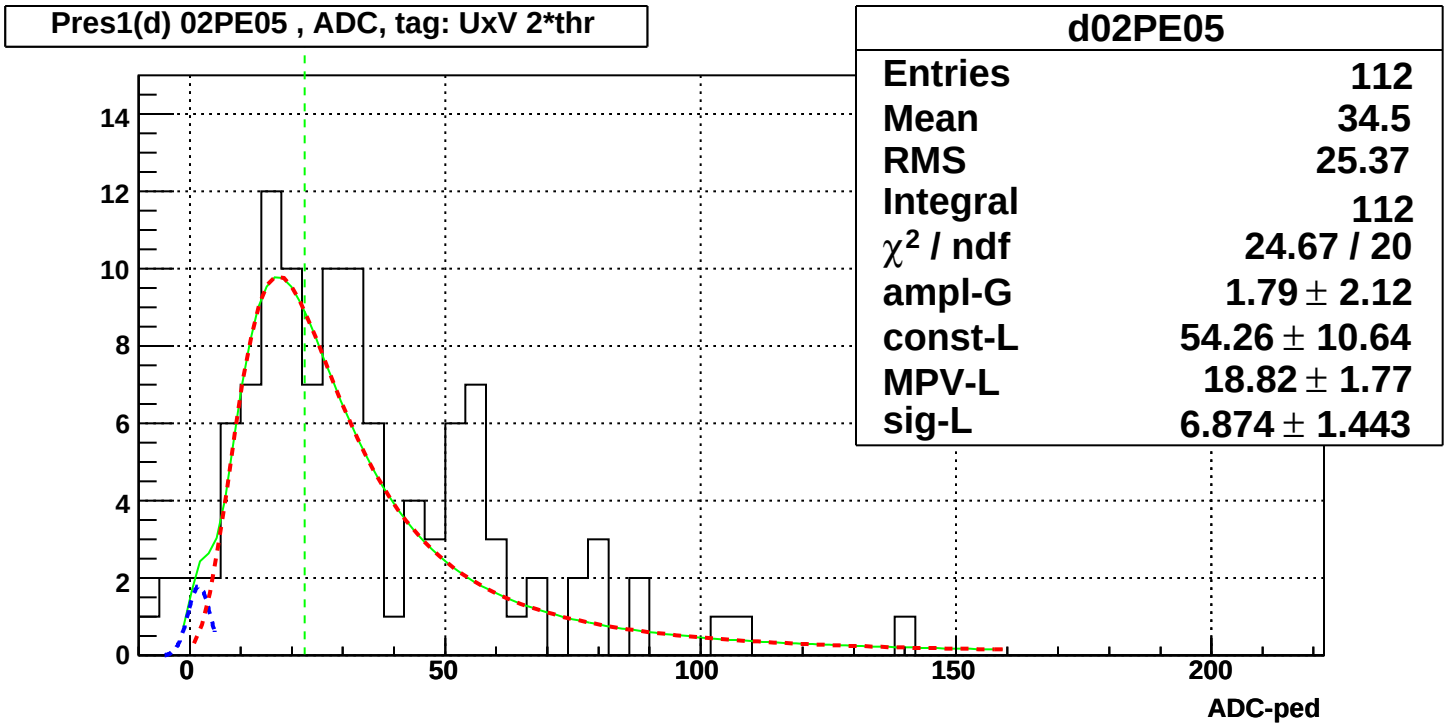

Pres1(a) 02PC05 , inclusive ADC
a02PC05
Entries 504000
Mean 1.178
RMS 7.252
Integral 5.037e+05
χ² / ndf 151 / 2
Constant 1.99e+06 ± 42070
Mean 0.5723 ± 0.0005
Sigma 0.04337 ± 0.00033
ADC-ped

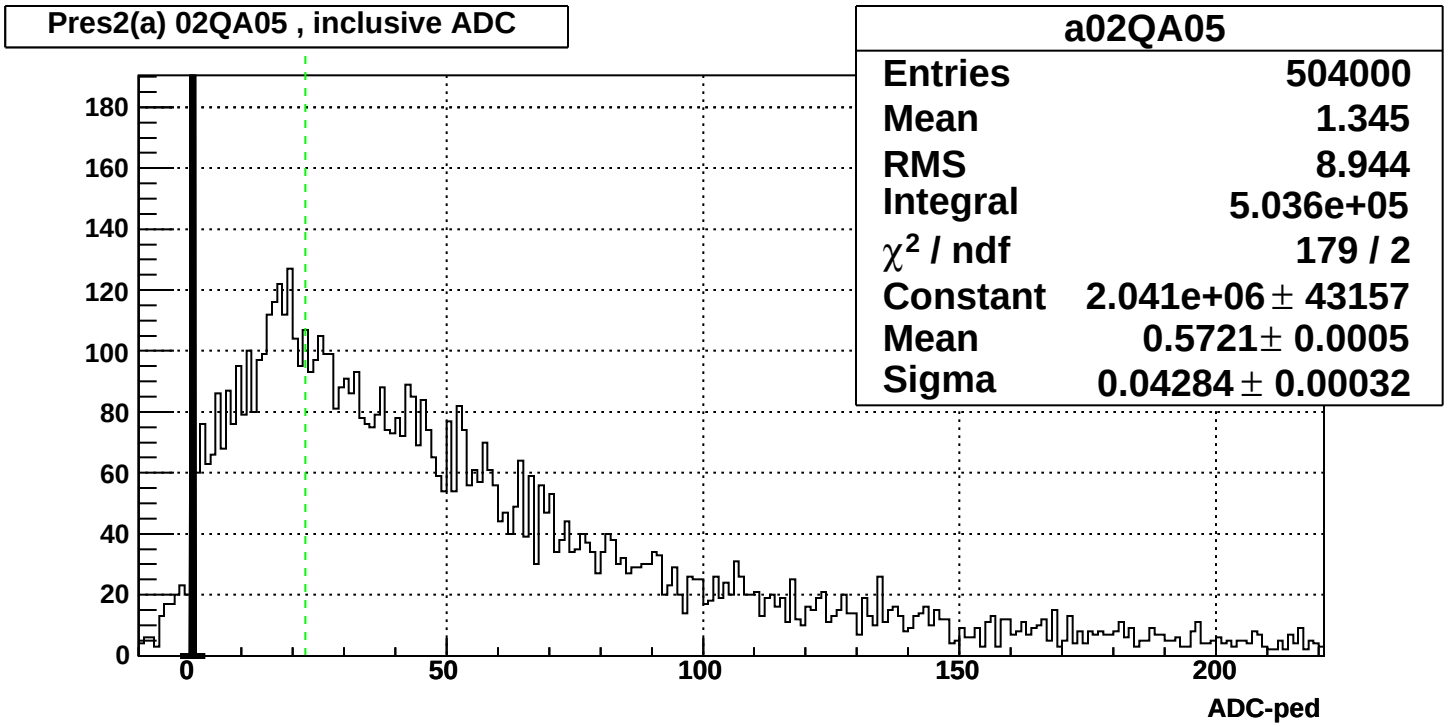

Pres1(d) 02PC05 , ADC, tag: UxV 2*thr
d02PC05
Entries 120
Mean 31.9
RMS 23.74
Integral 119
χ² / ndf 17.44 / 20
ampl-G 4.203 ± 5.640
const-L 48.73 ± 7.73
MPV-L 18.66 ± 3.44
sig-L 9.535 ± 1.906
ADC-ped

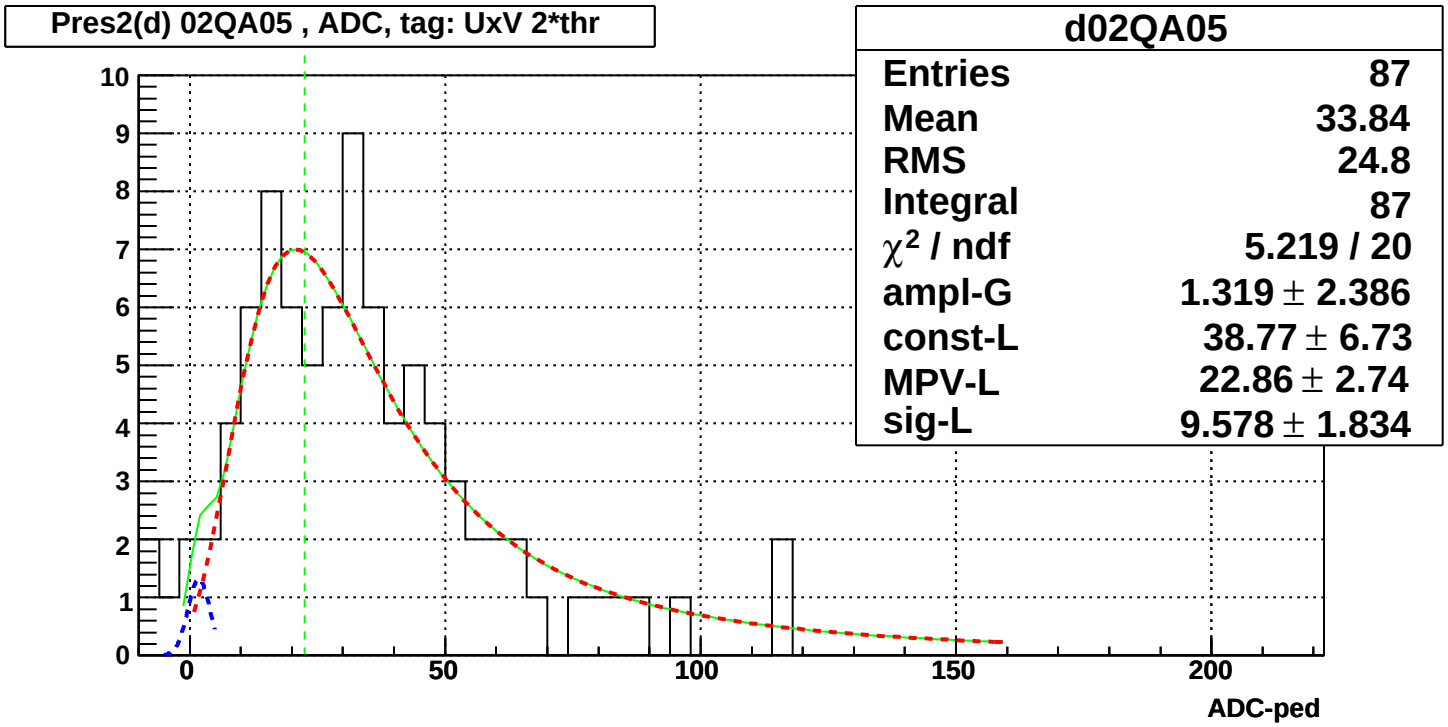

Pres1(a) 02PD05 , inclusive ADC
a02PD05
Entries 504000
Mean 1.169
RMS 7.143
Integral 5.037e+05
χ² / ndf 189 / 2
Constant 1.974e+06 ± 41734
Mean 0.5724 ± 0.0006
Sigma 0.04357 ± 0.00033
ADC-ped

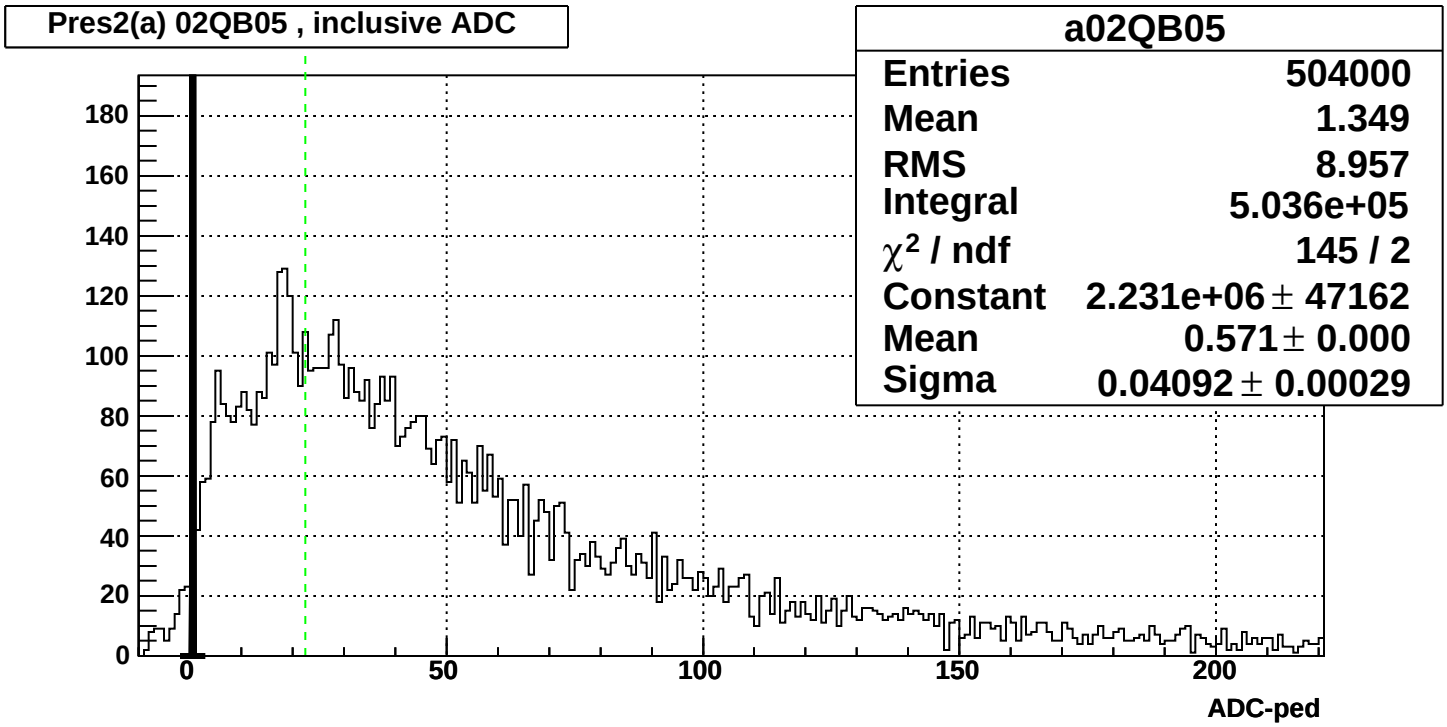

Pres1(d) 02PD05 , ADC, tag: UxV 2*thr
d02PD05
Entries 109
Mean 30.35
RMS 20.86
Integral 109
χ² / ndf 16.87 / 17
ampl-G -4.183 ± 9.410
const-L 44.15 ± 19.51
MPV-L 9.26 ± 25.73
sig-L 13.77 ± 3.60
ADC-ped

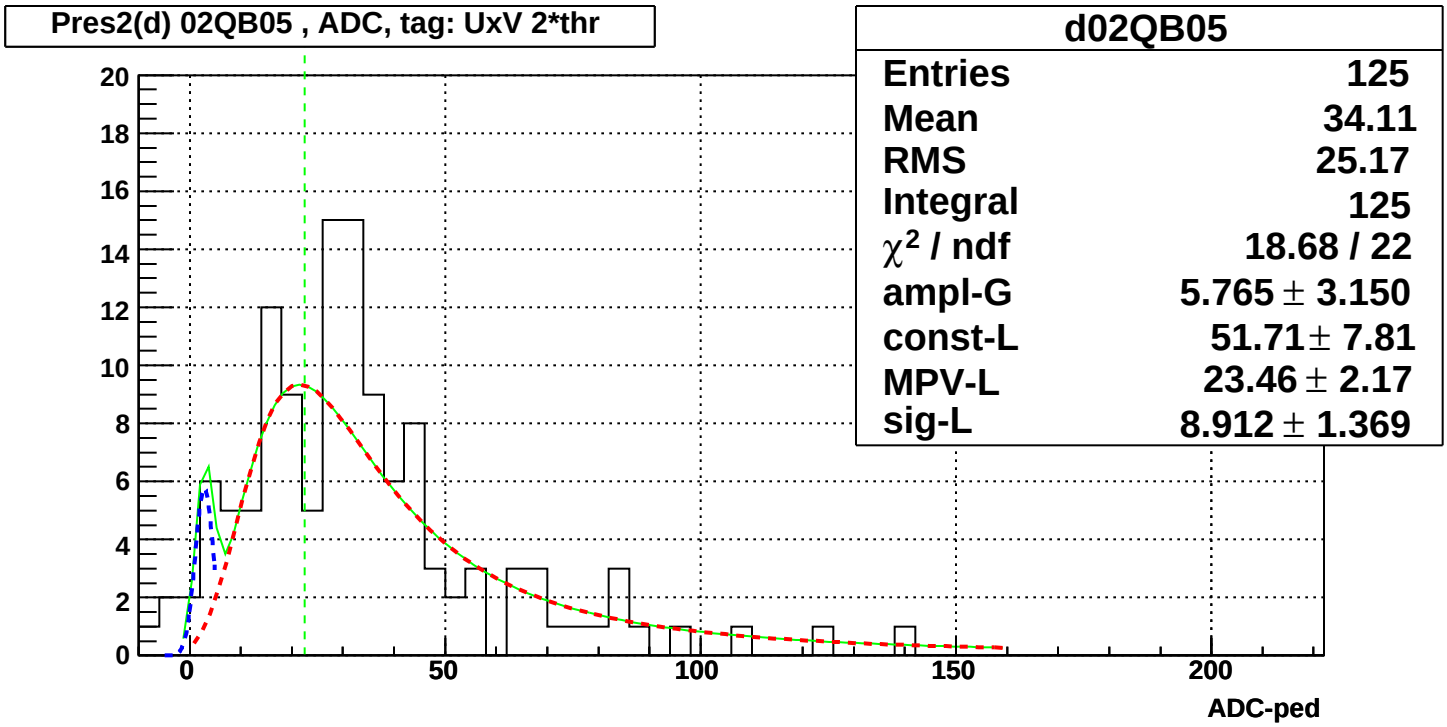

Pres1(a) 02PE05 , inclusive ADC
a02PE05
Entries 504000
Mean 1.219
RMS 7.606
Integral 5.038e+05
χ² / ndf 192 / 2
Constant 1.858e+06 ± 39283
Mean 0.5732 ± 0.0006
Sigma 0.04503 ± 0.00036
ADC-ped

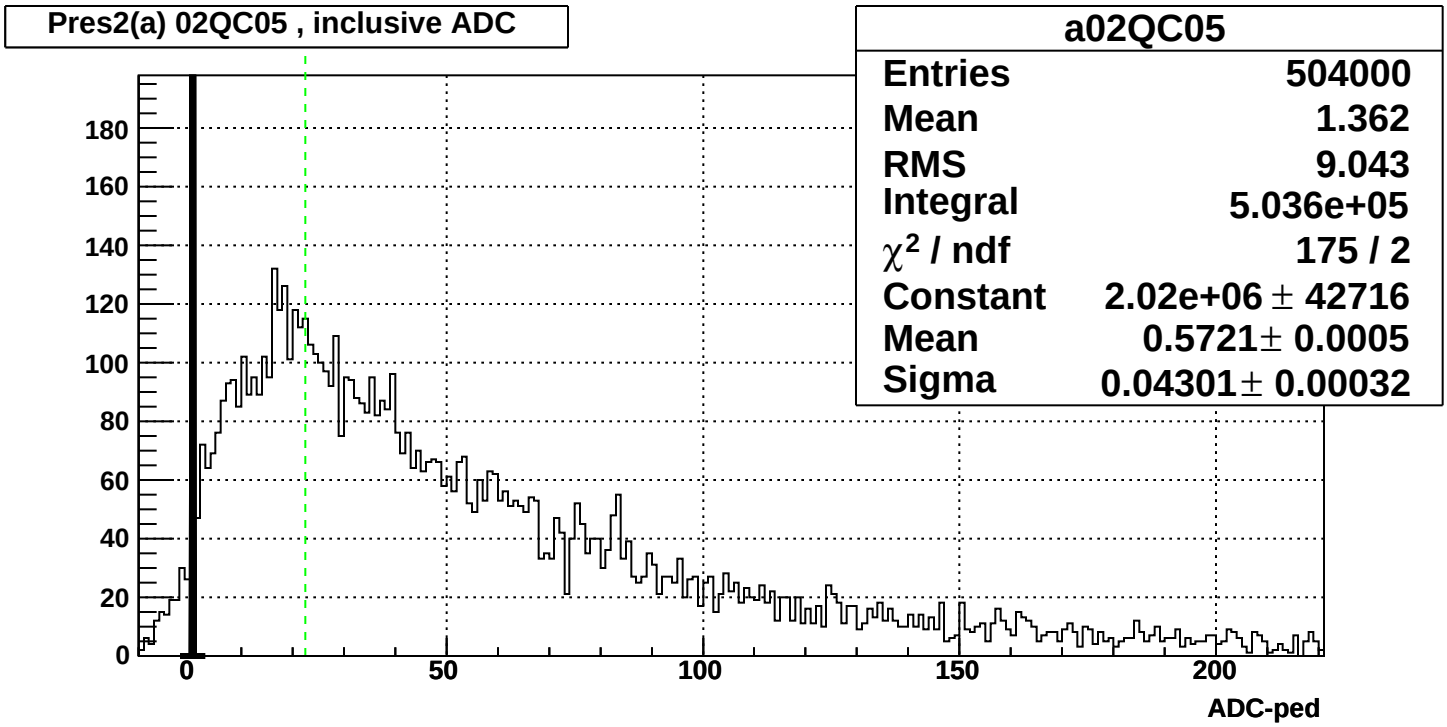

Pres1(d) 02PE05 , ADC, tag: UxV 2*thr
d02PE05
Entries 112
Mean 34.5
RMS 25.37
Integral 112
χ² / ndf 24.67 / 20
ampl-G 1.79 ± 2.12
const-L 54.26 ± 10.64
MPV-L 18.82 ± 1.77
sig-L 6.874 ± 1.443
ADC-ped

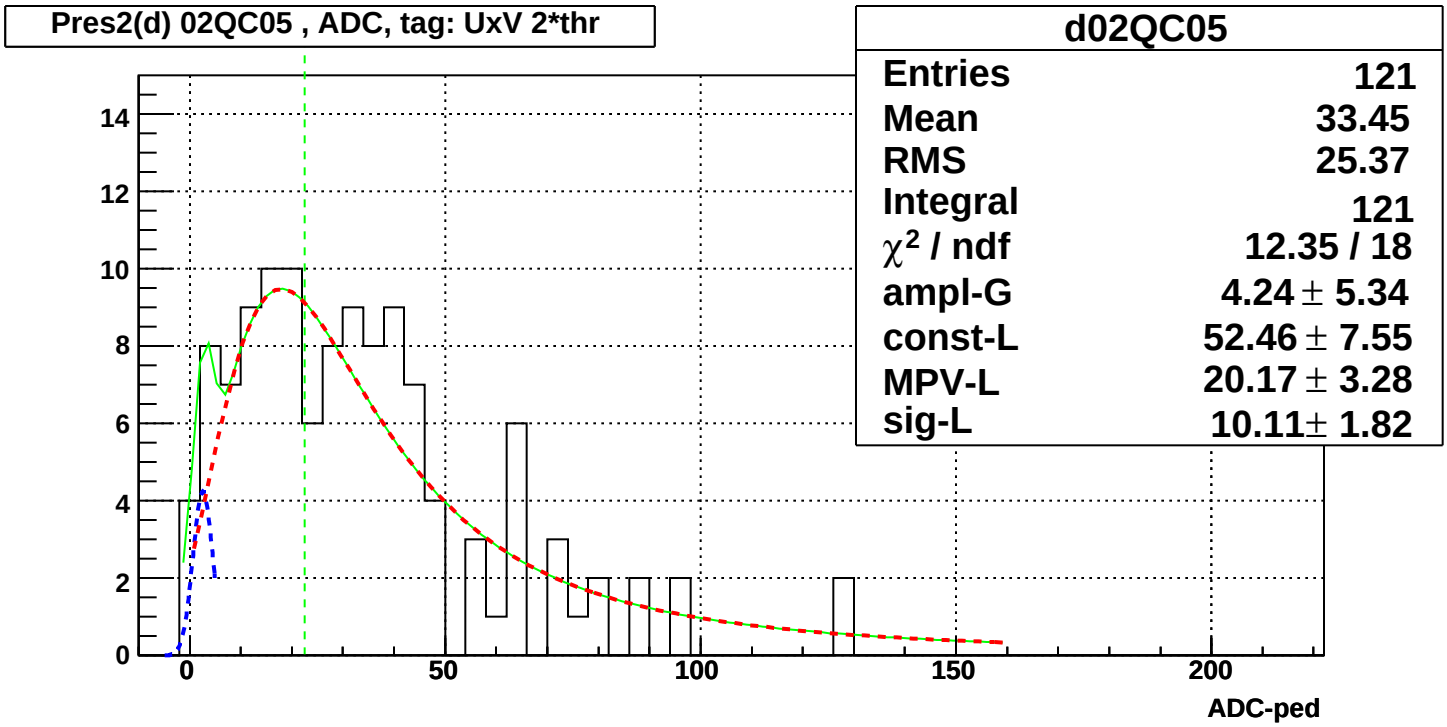

Pres2(a) 02QA05 , inclusive ADC
a02QA05
Entries 504000
Mean 1.345
RMS 8.944
Integral 5.036e+05
χ² / ndf 179 / 2
Constant 2.041e+06 ± 43157
Mean 0.5721 ± 0.0005
Sigma 0.04284 ± 0.00032
ADC-ped

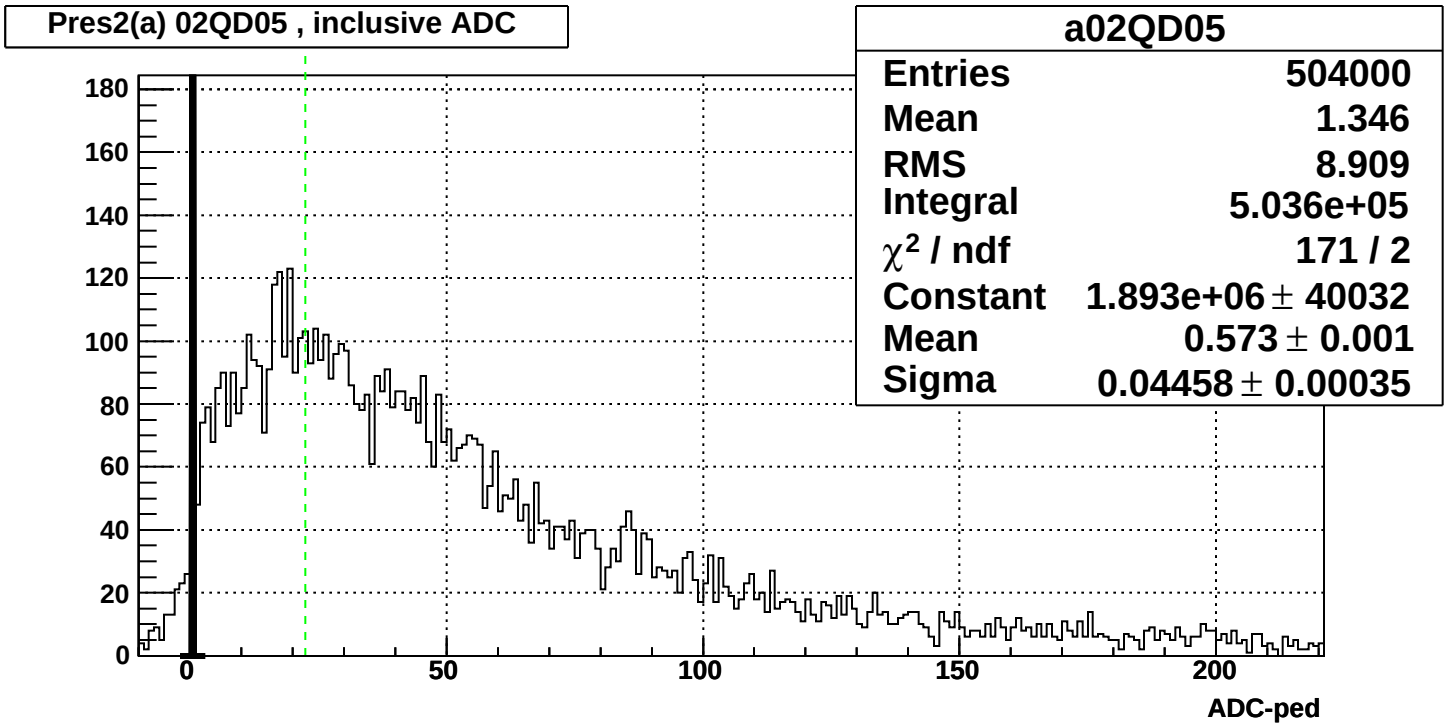

Pres2(d) 02QA05 , ADC, tag: UxV 2*thr
d02QA05
Entries 87
Mean 33.84
RMS 24.8
Integral 87
χ² / ndf 5.219 / 20
ampl-G 1.319 ± 2.386
const-L 38.77 ± 6.73
MPV-L 22.86 ± 2.74
sig-L 9.578 ± 1.834
ADC-ped

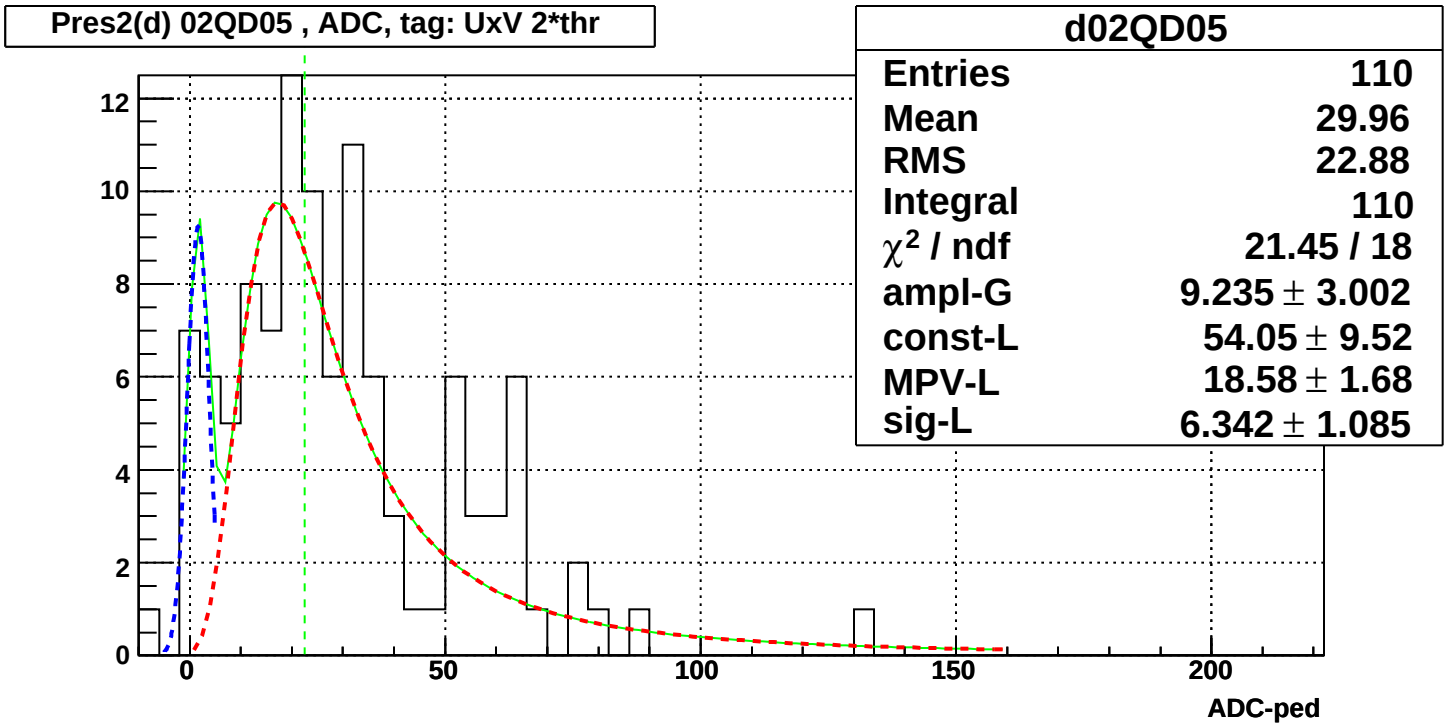

Pres2(a) 02QB05 , inclusive ADC
a02QB05
Entries 504000
Mean 1.349
RMS 8.957
Integral 5.036e+05
χ² / ndf 145 / 2
Constant 2.231e+06 ± 47162
Mean 0.571 ± 0.000
Sigma 0.04092 ± 0.00029
ADC-ped

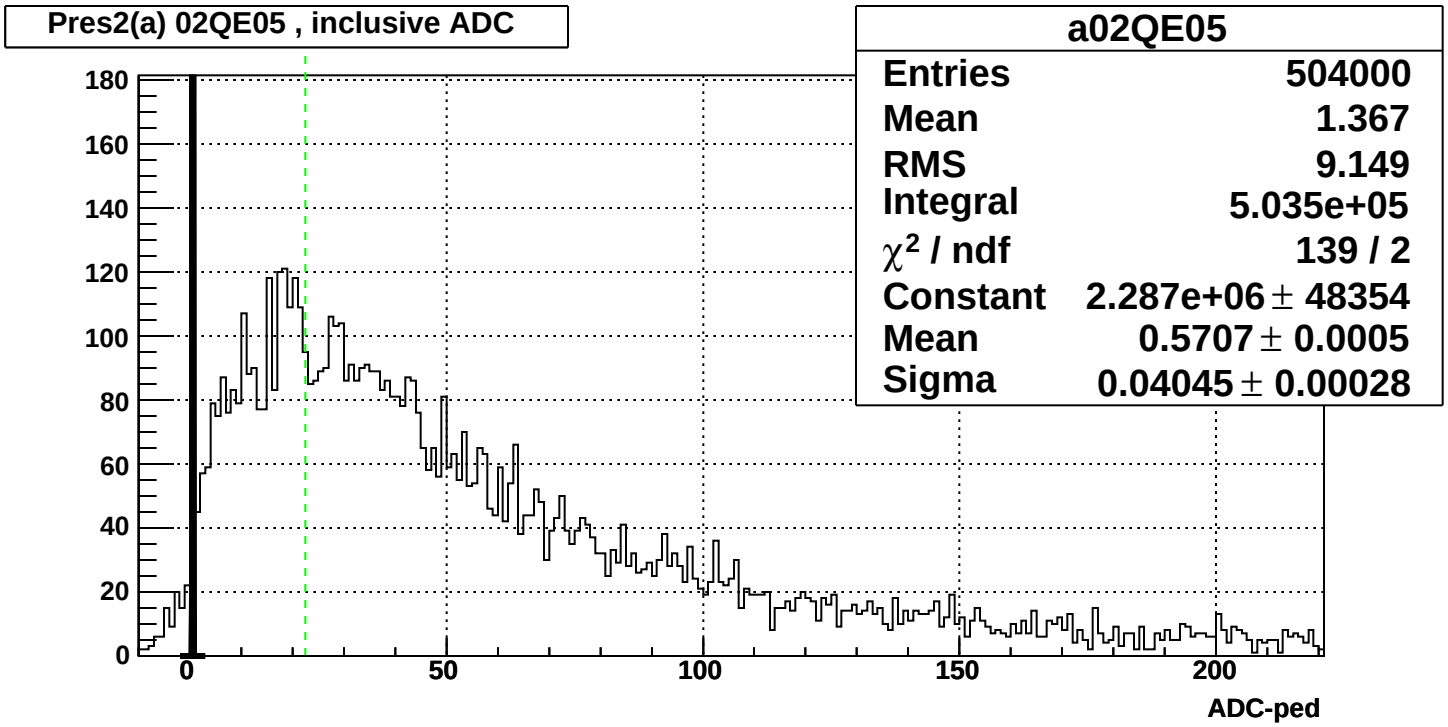

Pres2(d) 02QB05 , ADC, tag: UxV 2*thr
d02QB05
Entries 125
Mean 34.11
RMS 25.17
Integral 125
χ² / ndf 18.68 / 22
ampl-G 5.765 ± 3.150
const-L 51.71 ± 7.81
MPV-L 23.46 ± 2.17
sig-L 8.912 ± 1.369
ADC-ped

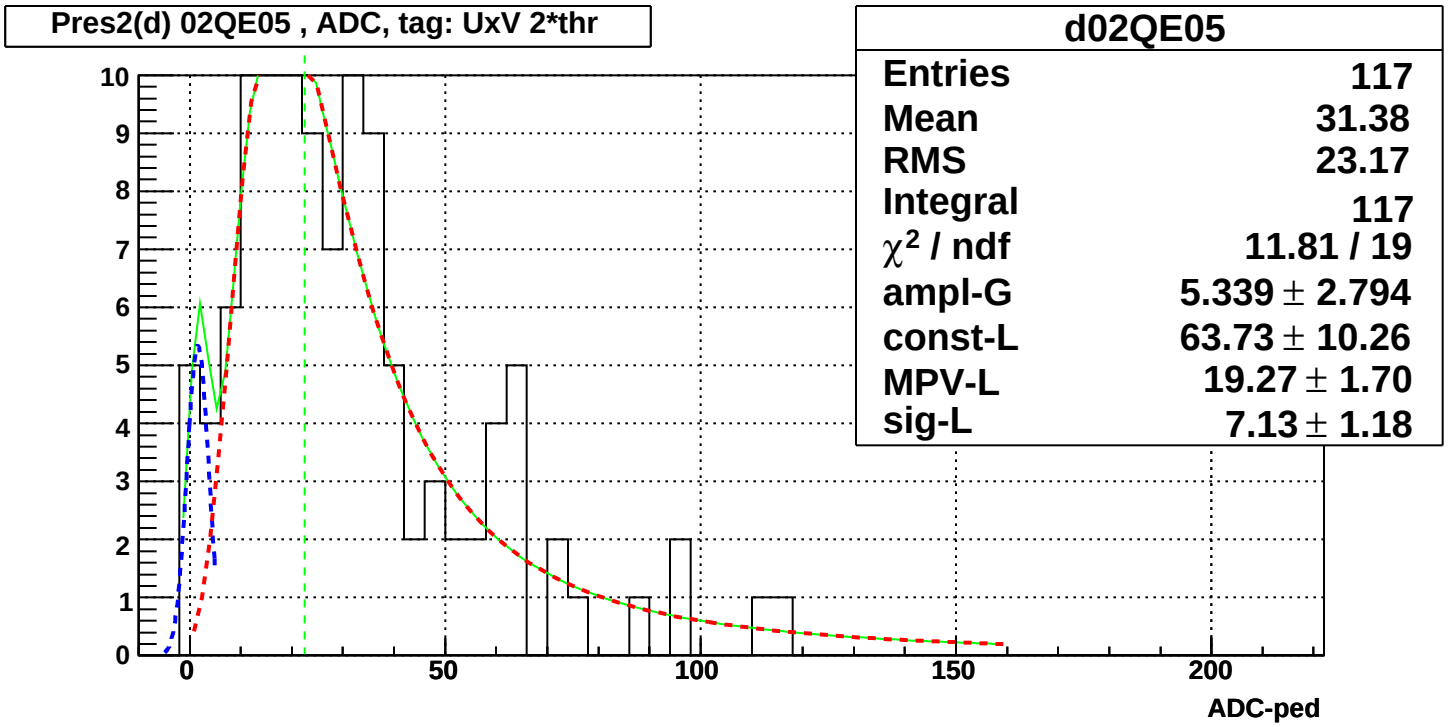

Pres2(a) 02QC05 , inclusive ADC
a02QC05
Entries 504000
Mean 1.362
RMS 9.043
Integral 5.036e+05
χ² / ndf 175 / 2
Constant 2.02e+06 ± 42716
Mean 0.5721 ± 0.0005
Sigma 0.04301 ± 0.00032
ADC-ped

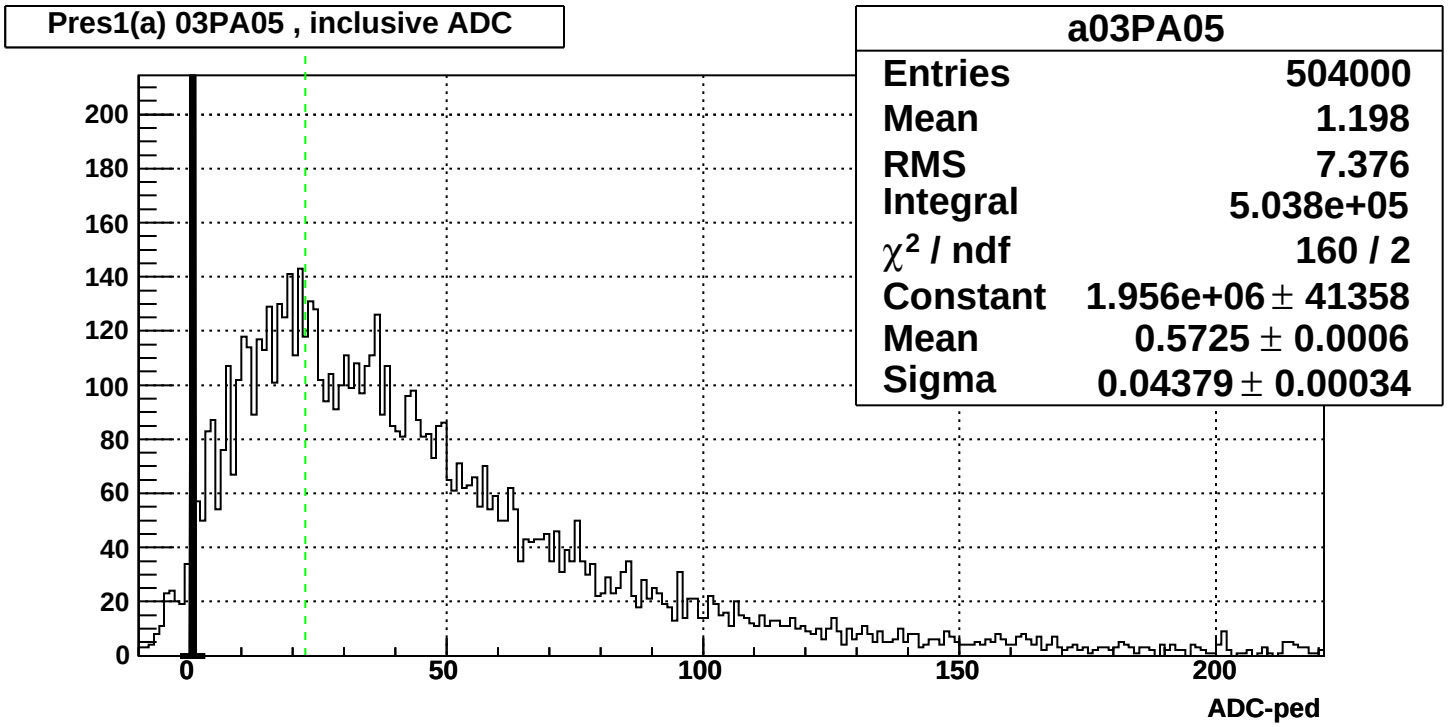

Pres2(d) 02QC05 , ADC, tag: UxV 2*thr
d02QC05
Entries 121
Mean 33.45
RMS 25.37
Integral 121
χ² / ndf 12.35 / 18
ampl-G 4.24 ± 5.34
const-L 52.46 ± 7.55
MPV-L 20.17 ± 3.28
sig-L 10.11 ± 1.82
ADC-ped

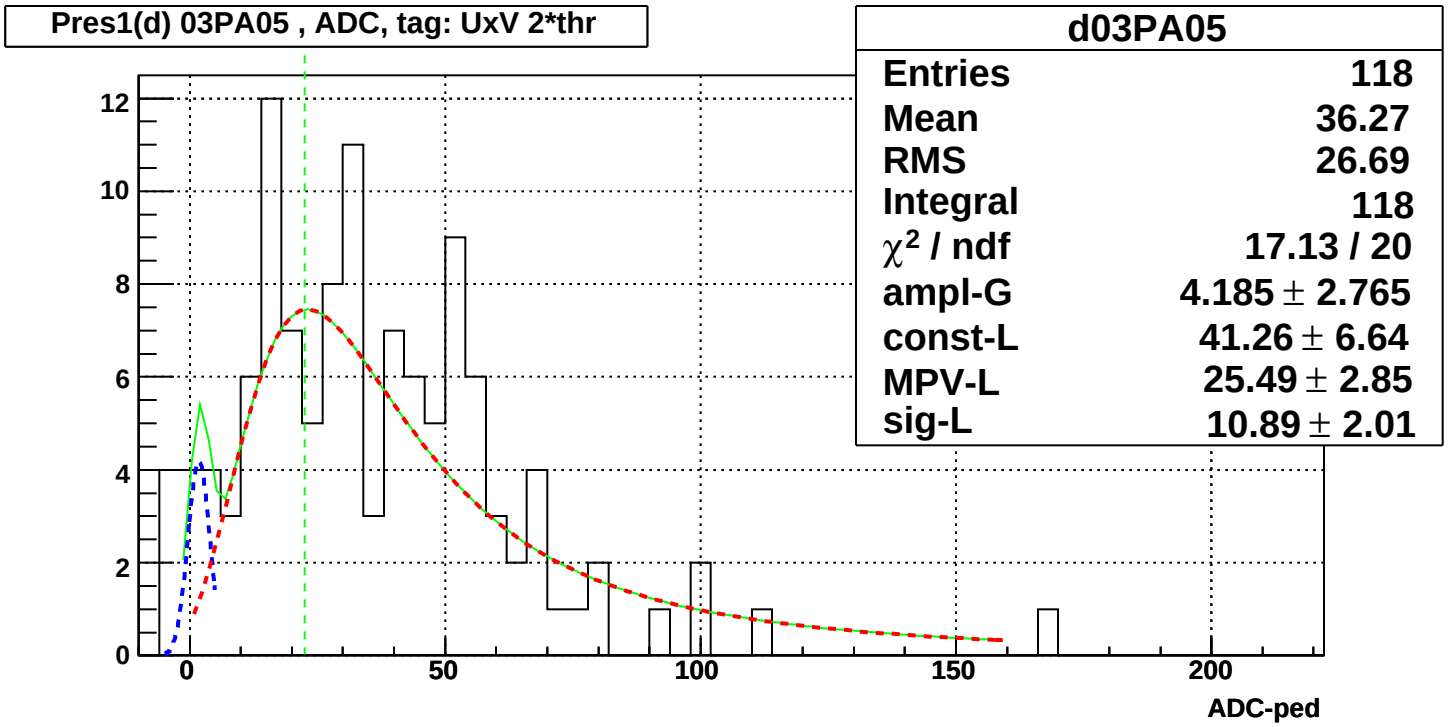

Pres2(a) 02QD05 , inclusive ADC
a02QD05
Entries 504000
Mean 1.346
RMS 8.909
Integral 5.036e+05
χ² / ndf 171 / 2
Constant 1.893e+06 ± 40032
Mean 0.573 ± 0.001
Sigma 0.04458 ± 0.00035
ADC-ped

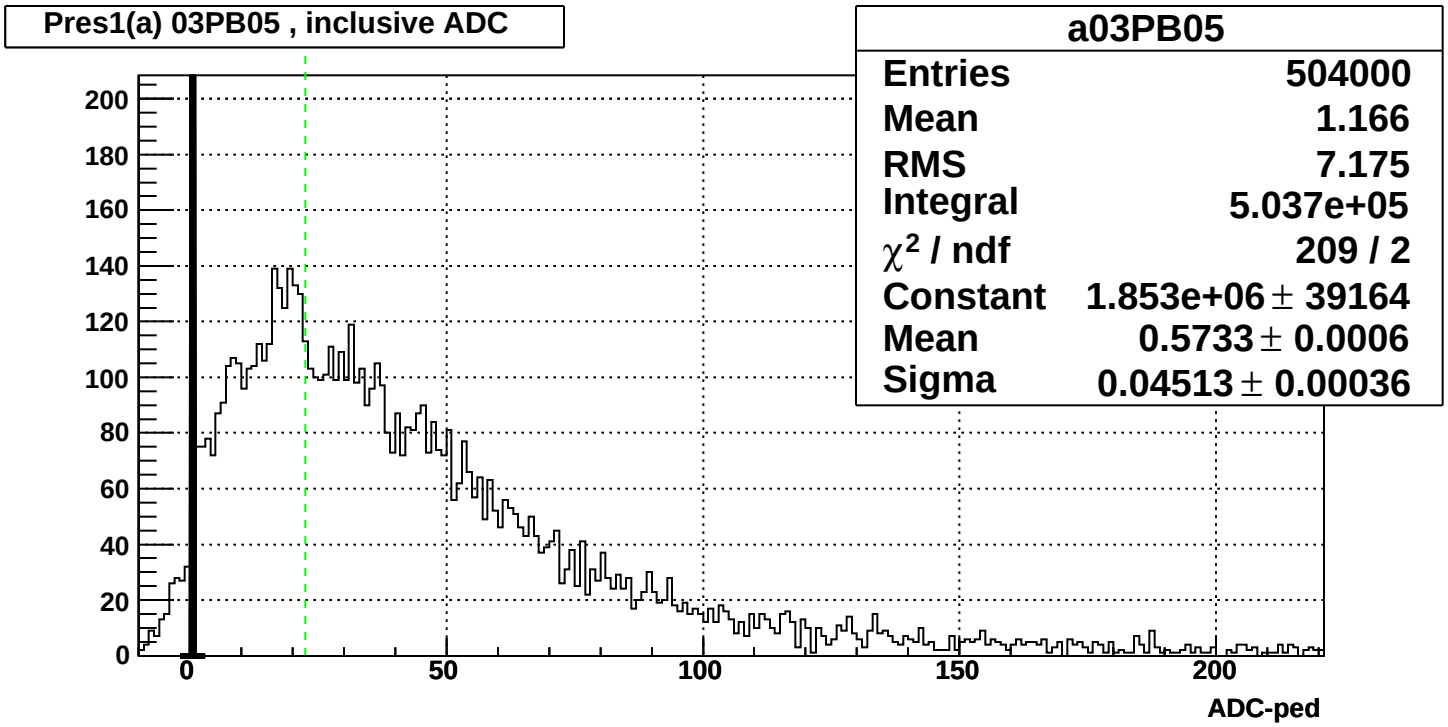

Pres2(d) 02QD05 , ADC, tag: UxV 2*thr
d02QD05
Entries 110
Mean 29.96
RMS 22.88
Integral 110
χ² / ndf 21.45 / 18
ampl-G 9.235 ± 3.002
const-L 54.05 ± 9.52
MPV-L 18.58 ± 1.68
sig-L 6.342 ± 1.085
ADC-ped

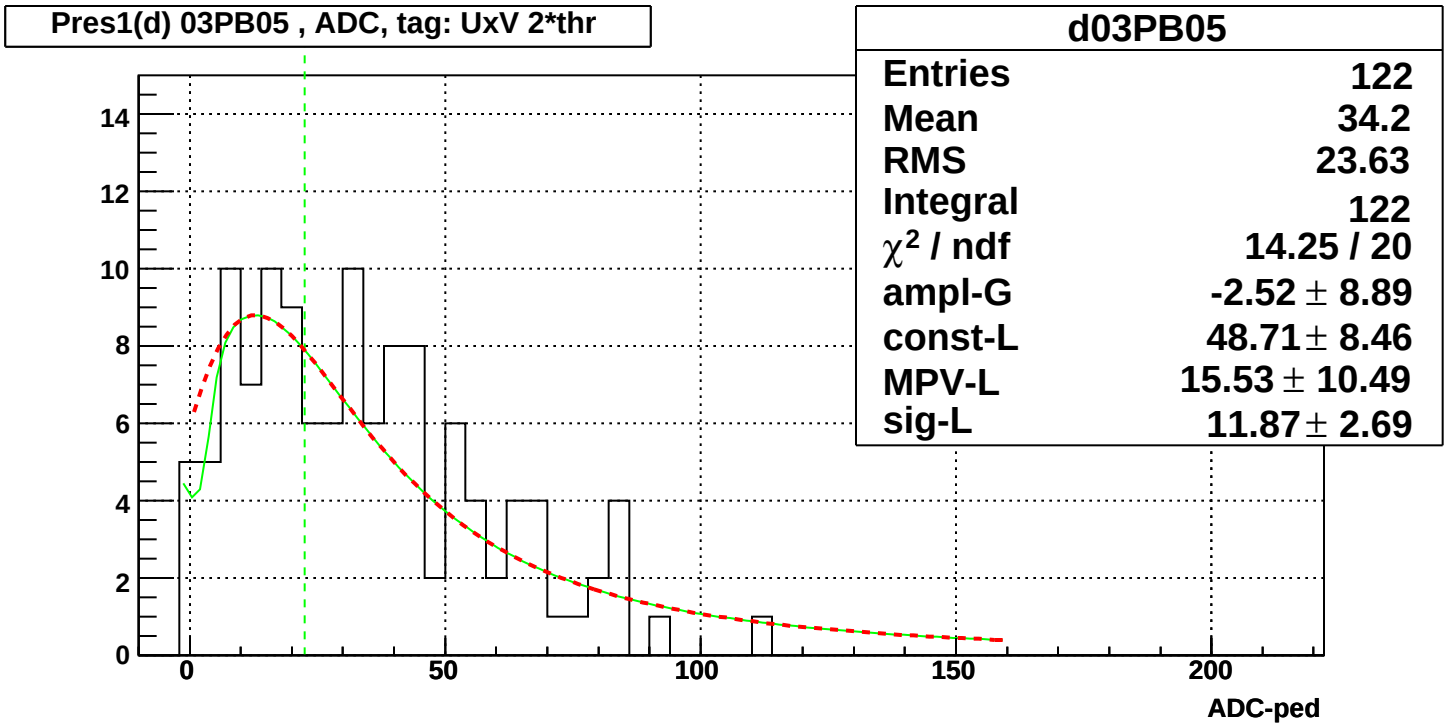

Pres2(a) 02QE05 , inclusive ADC
a02QE05
Entries 504000
Mean 1.367
RMS 9.149
Integral 5.035e+05
χ² / ndf 139 / 2
Constant 2.287e+06 ± 48354
Mean 0.5707 ± 0.0005
Sigma 0.04045 ± 0.00028
ADC-ped

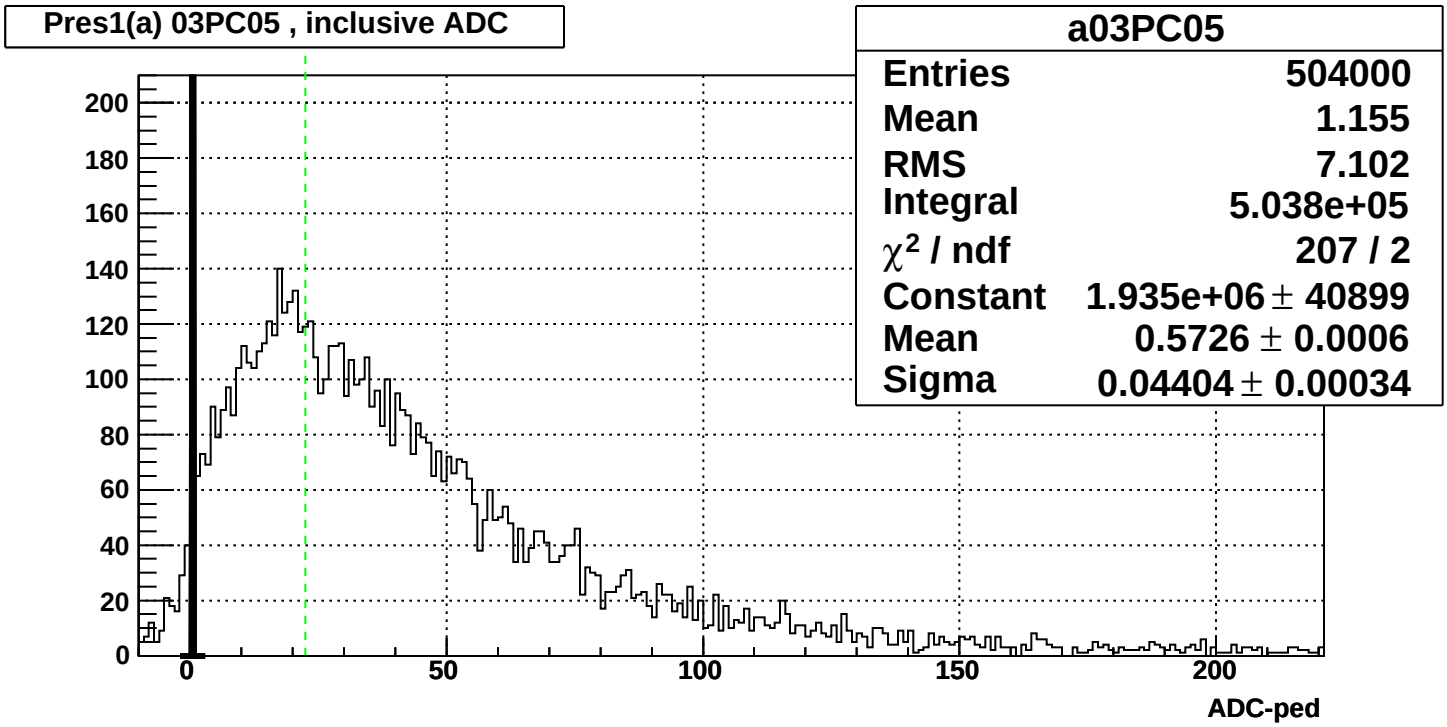

Pres2(d) 02QE05 , ADC, tag: UxV 2*thr
d02QE05
Entries 117
Mean 31.38
RMS 23.17
Integral 117
χ² / ndf 11.81 / 19
ampl-G 5.339 ± 2.794
const-L 63.73 ± 10.26
MPV-L 19.27 ± 1.70
sig-L 7.13 ± 1.18
ADC-ped

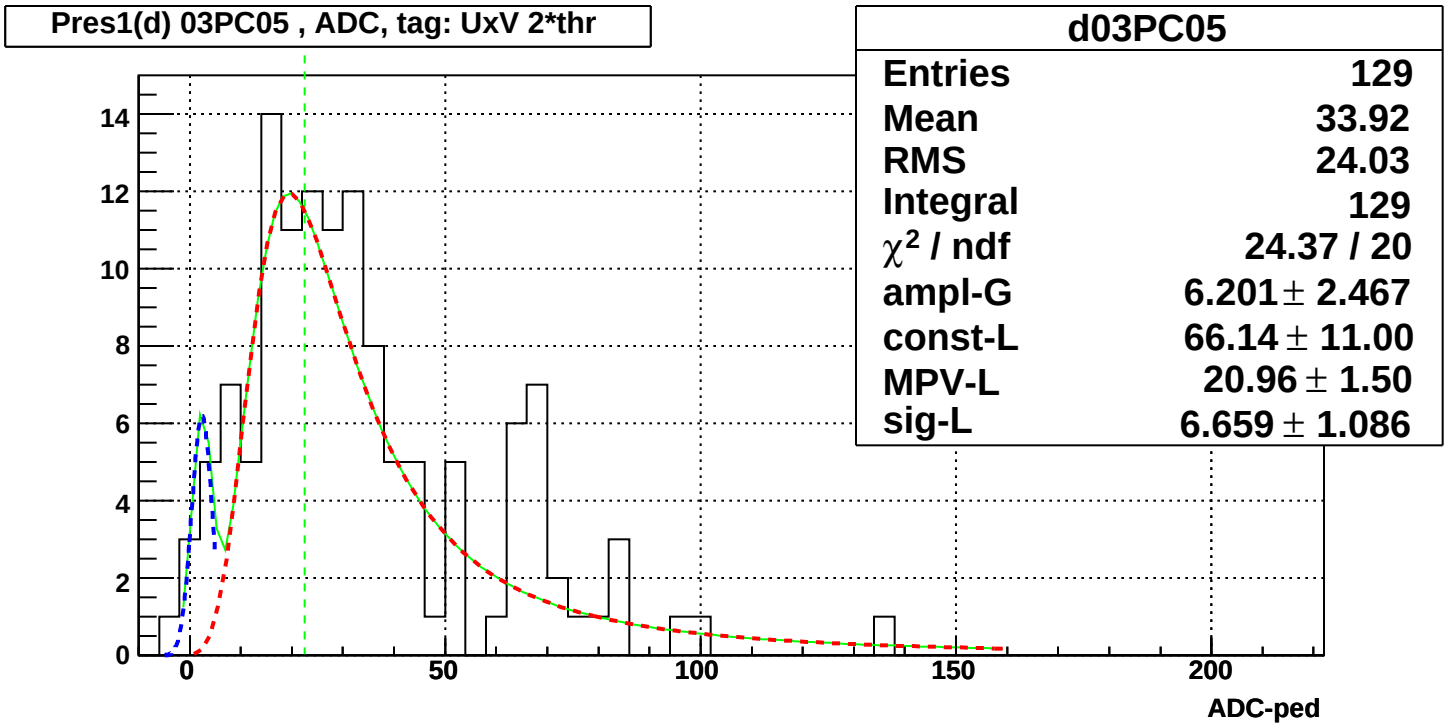

Pres1(a) 03PA05 , inclusive ADC
a03PA05
Entries 504000
Mean 1.198
RMS 7.376
Integral 5.038e+05
χ² / ndf 160 / 2
Constant 1.956e+06 ± 41358
Mean 0.5725 ± 0.0006
Sigma 0.04379 ± 0.00034
ADC-ped

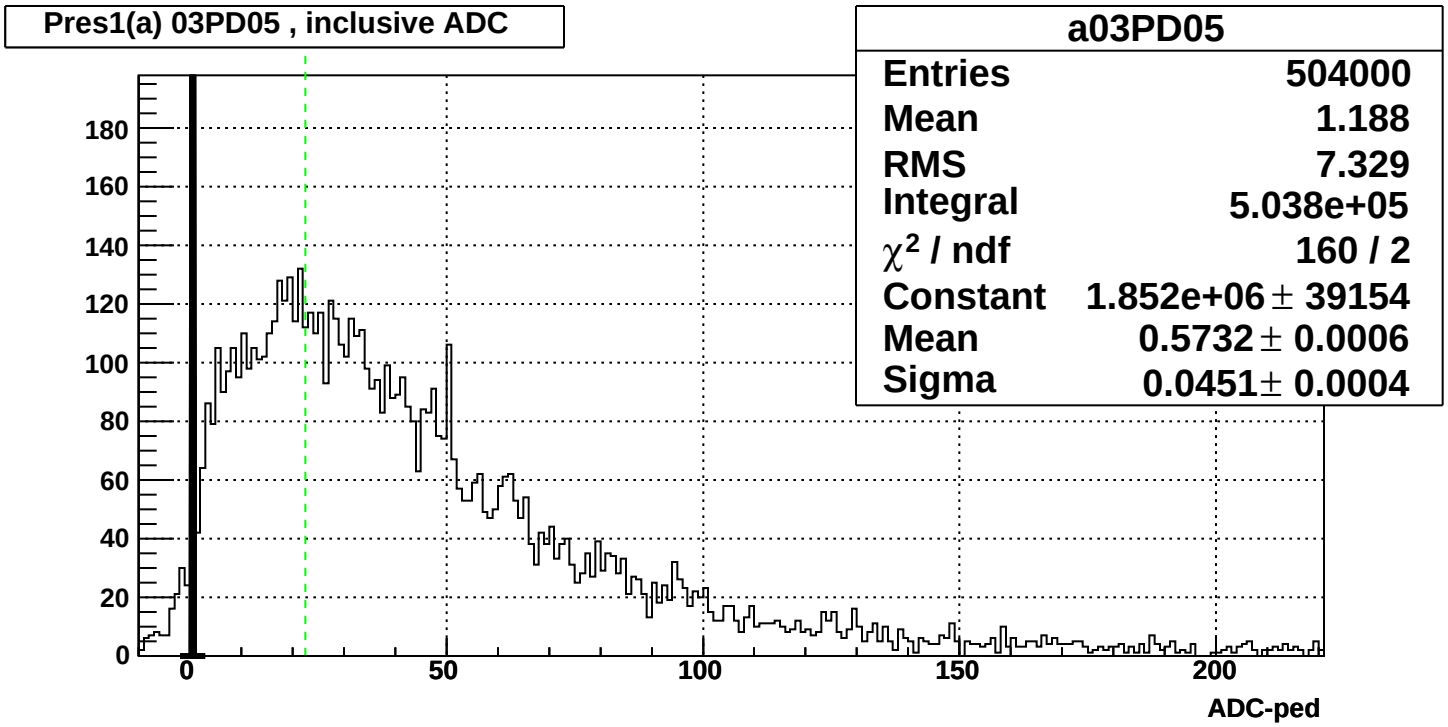

Pres1(d) 03PA05 , ADC, tag: UxV 2*thr
d03PA05
Entries 118
Mean 36.27
RMS 26.69
Integral 118
χ² / ndf 17.13 / 20
ampl-G 4.185 ± 2.765
const-L 41.26 ± 6.64
MPV-L 25.49 ± 2.85
sig-L 10.89 ± 2.01
ADC-ped

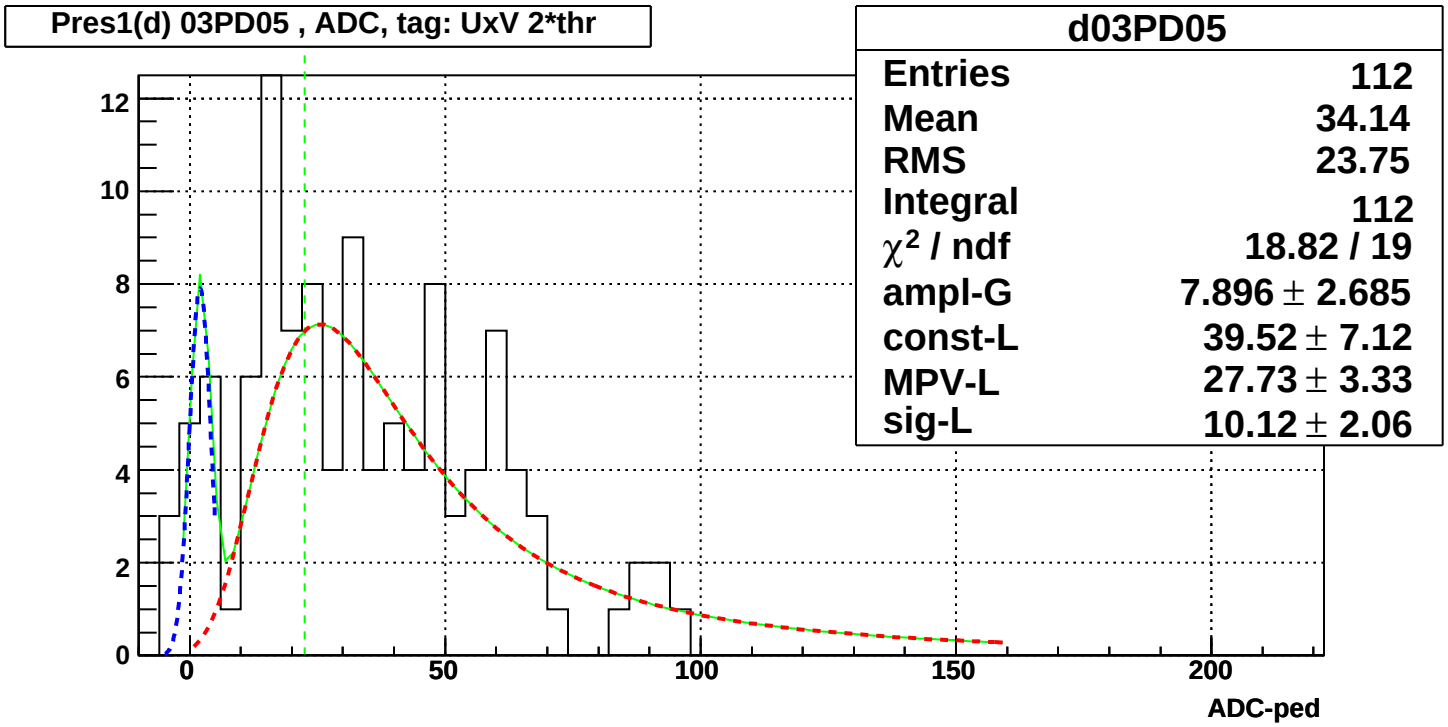

Pres1(a) 03PB05 , inclusive ADC
a03PB05
Entries 504000
Mean 1.166
RMS 7.175
Integral 5.037e+05
χ² / ndf 209 / 2
Constant 1.853e+06 ± 39164
Mean 0.5733 ± 0.0006
Sigma 0.04513 ± 0.00036
ADC-ped

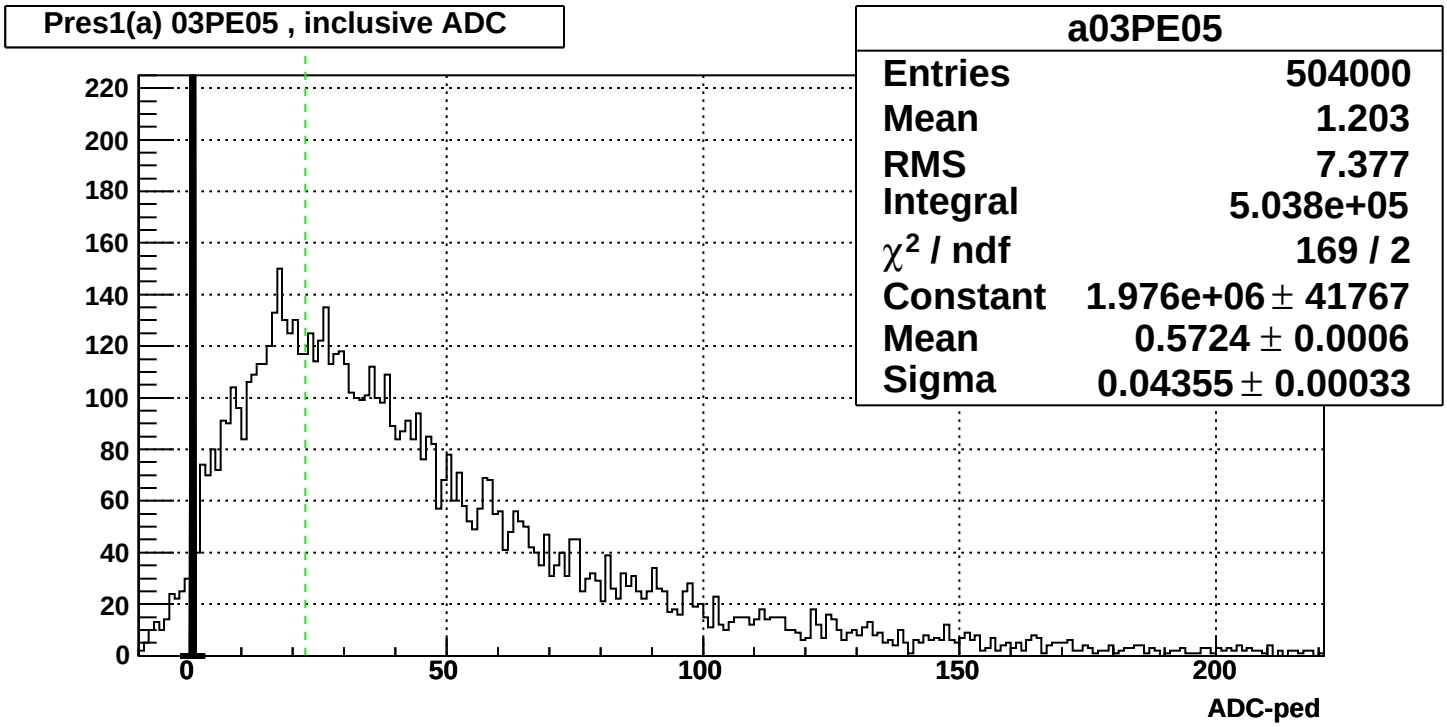

Pres1(d) 03PB05 , ADC, tag: UxV 2*thr
d03PB05
Entries 122
Mean 34.2
RMS 23.63
Integral 122
χ² / ndf 14.25 / 20
ampl-G -2.52 ± 8.89
const-L 48.71 ± 8.46
MPV-L 15.53 ± 10.49
sig-L 11.87 ± 2.69
ADC-ped

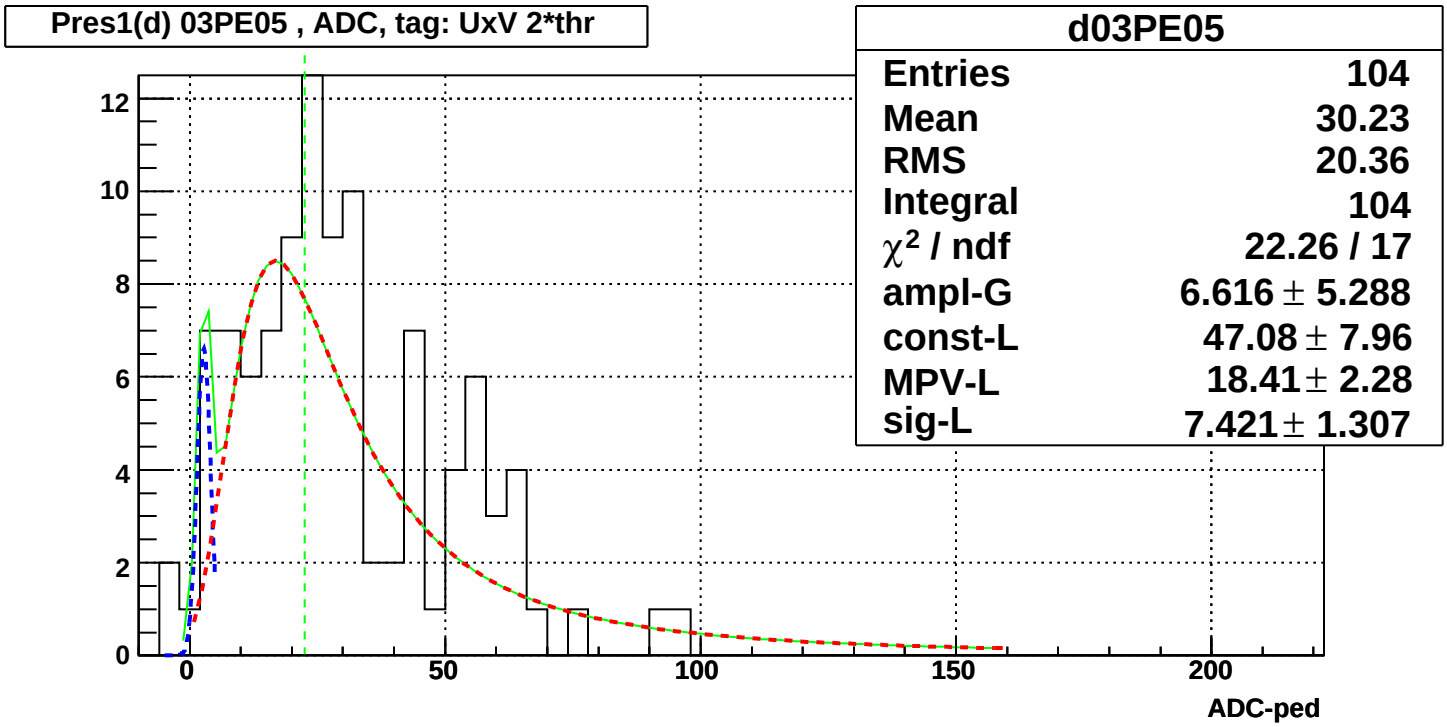

Pres1(a) 03PC05 , inclusive ADC
a03PC05
Entries 504000
Mean 1.155
RMS 7.102
Integral 5.038e+05
χ² / ndf 207 / 2
Constant 1.935e+06 ± 40899
Mean 0.5726 ± 0.0006
Sigma 0.04404 ± 0.00034
ADC-ped

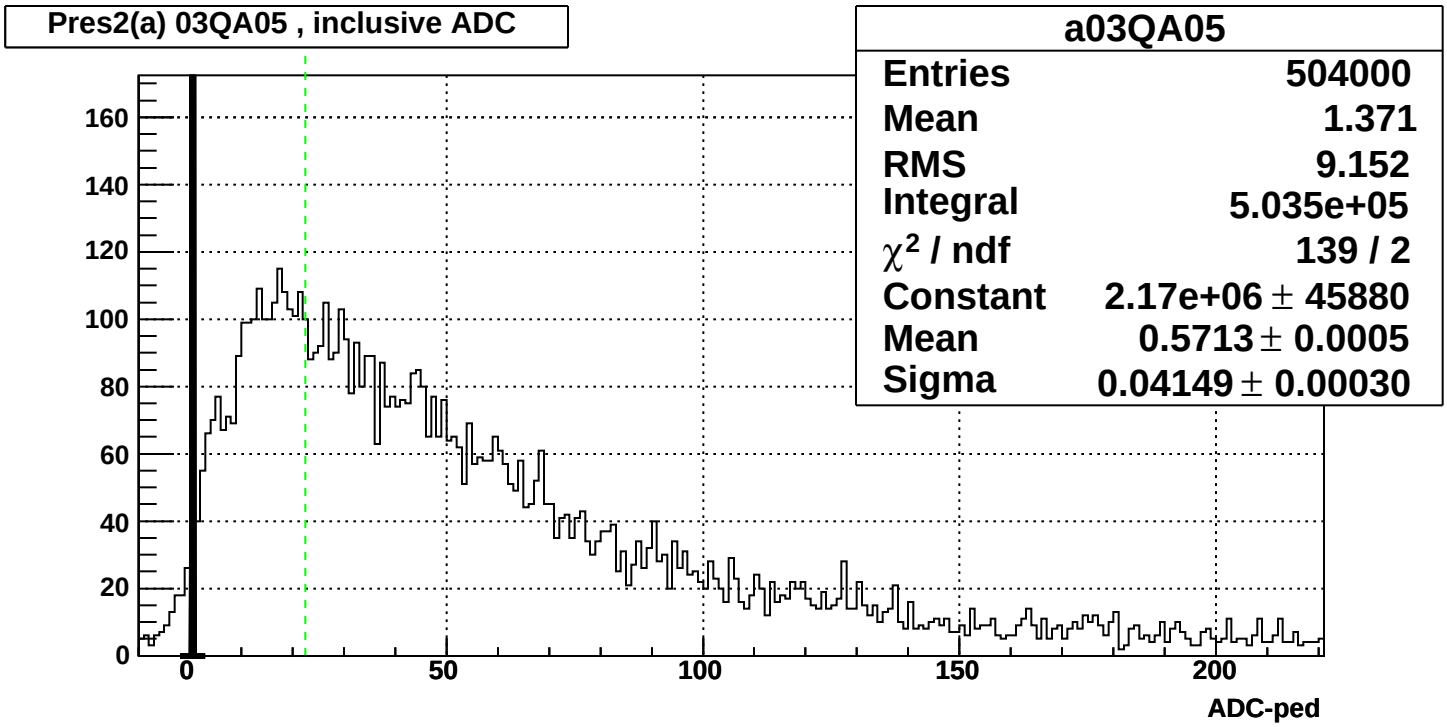

Pres1(d) 03PC05 , ADC, tag: UxV 2*thr
d03PC05
Entries 129
Mean 33.92
RMS 24.03
Integral 129
χ² / ndf 24.37 / 20
ampl-G 6.201 ± 2.467
const-L 66.14 ± 11.00
MPV-L 20.96 ± 1.50
sig-L 6.659 ± 1.086
ADC-ped

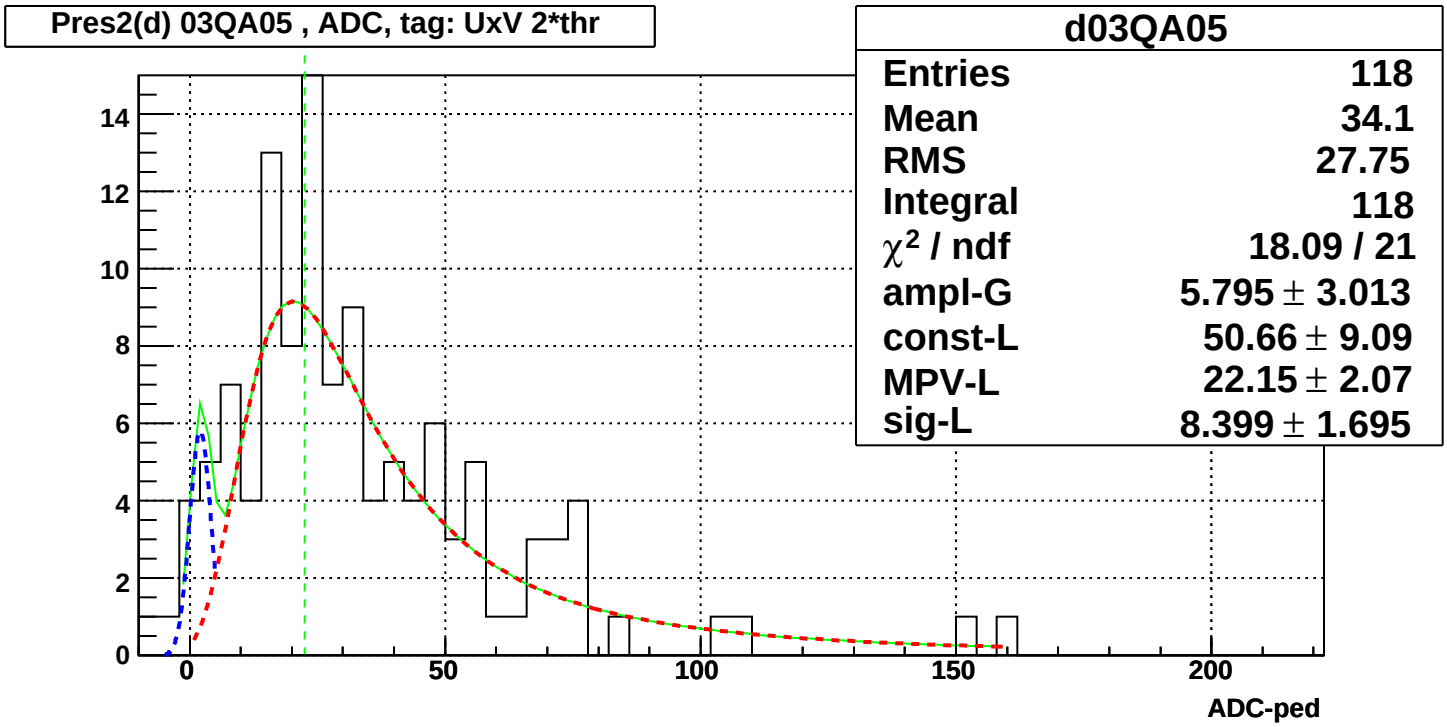

Pres1(a) 03PD05 , inclusive ADC
a03PD05
Entries 504000
Mean 1.188
RMS 7.329
Integral 5.038e+05
χ² / ndf 160 / 2
Constant 1.852e+06 ± 39154
Mean 0.5732 ± 0.0006
Sigma 0.0451 ± 0.0004
ADC-ped

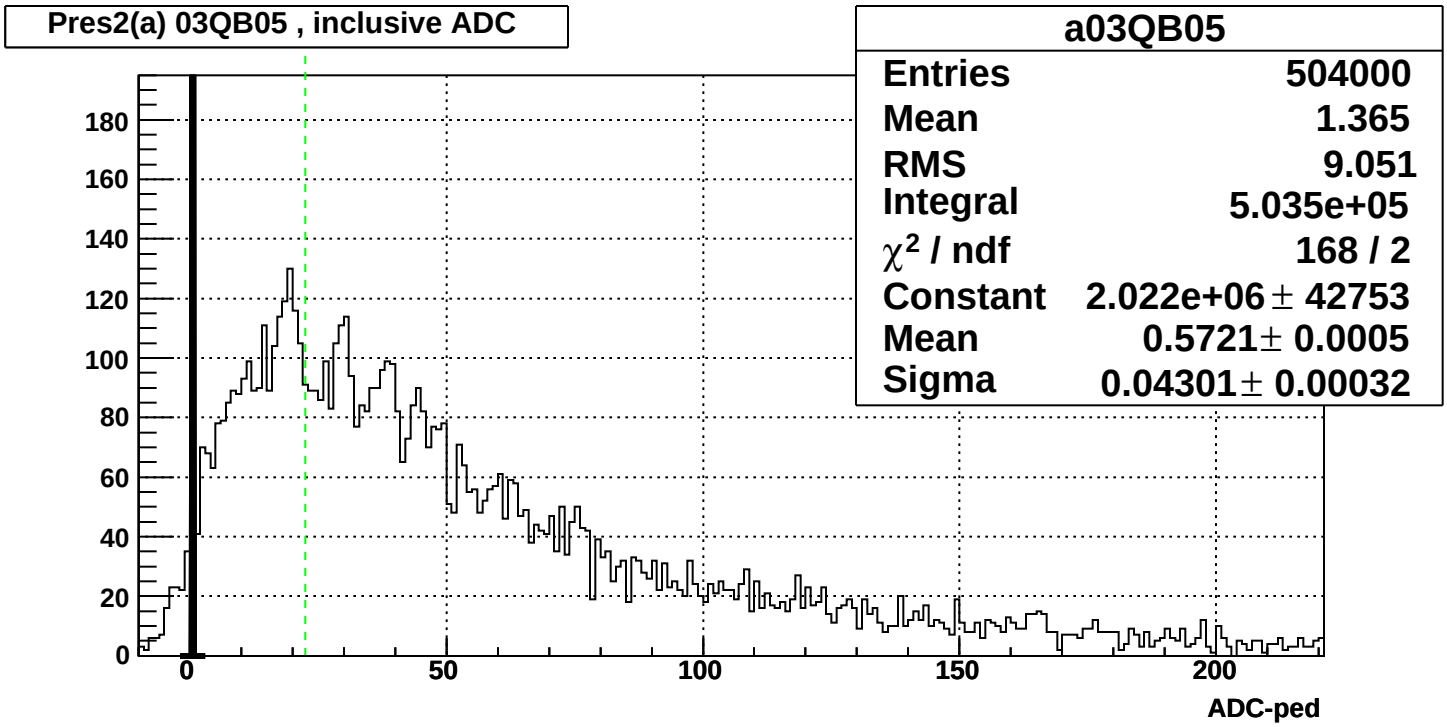

Pres1(d) 03PD05 , ADC, tag: UxV 2*thr
d03PD05
Entries 112
Mean 34.14
RMS 23.75
Integral 112
χ² / ndf 18.82 / 19
ampl-G 7.896 ± 2.685
const-L 39.52 ± 7.12
MPV-L 27.73 ± 3.33
sig-L 10.12 ± 2.06
ADC-ped

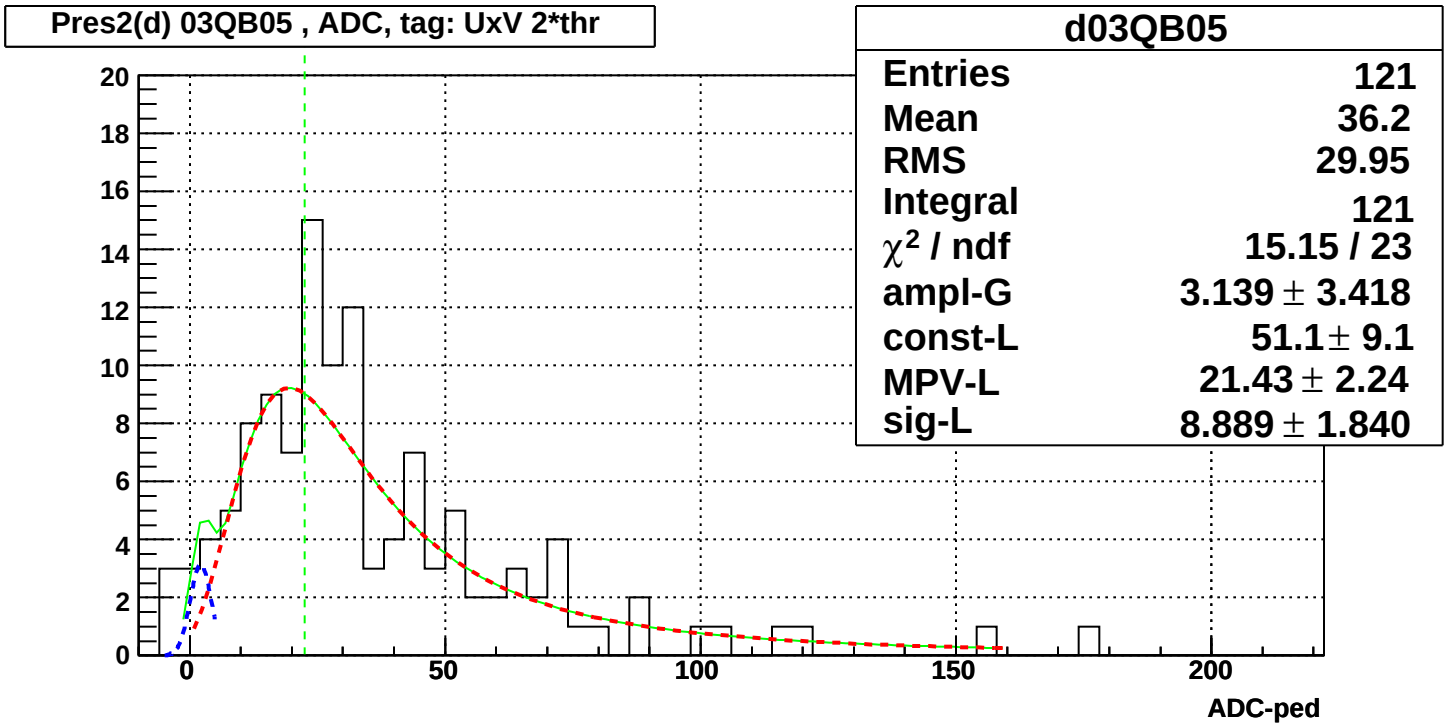

Pres1(a) 03PE05 , inclusive ADC
a03PE05
Entries 504000
Mean 1.203
RMS 7.377
Integral 5.038e+05
χ² / ndf 169 / 2
Constant 1.976e+06 ± 41767
Mean 0.5724 ± 0.0006
Sigma 0.04355 ± 0.00033
ADC-ped

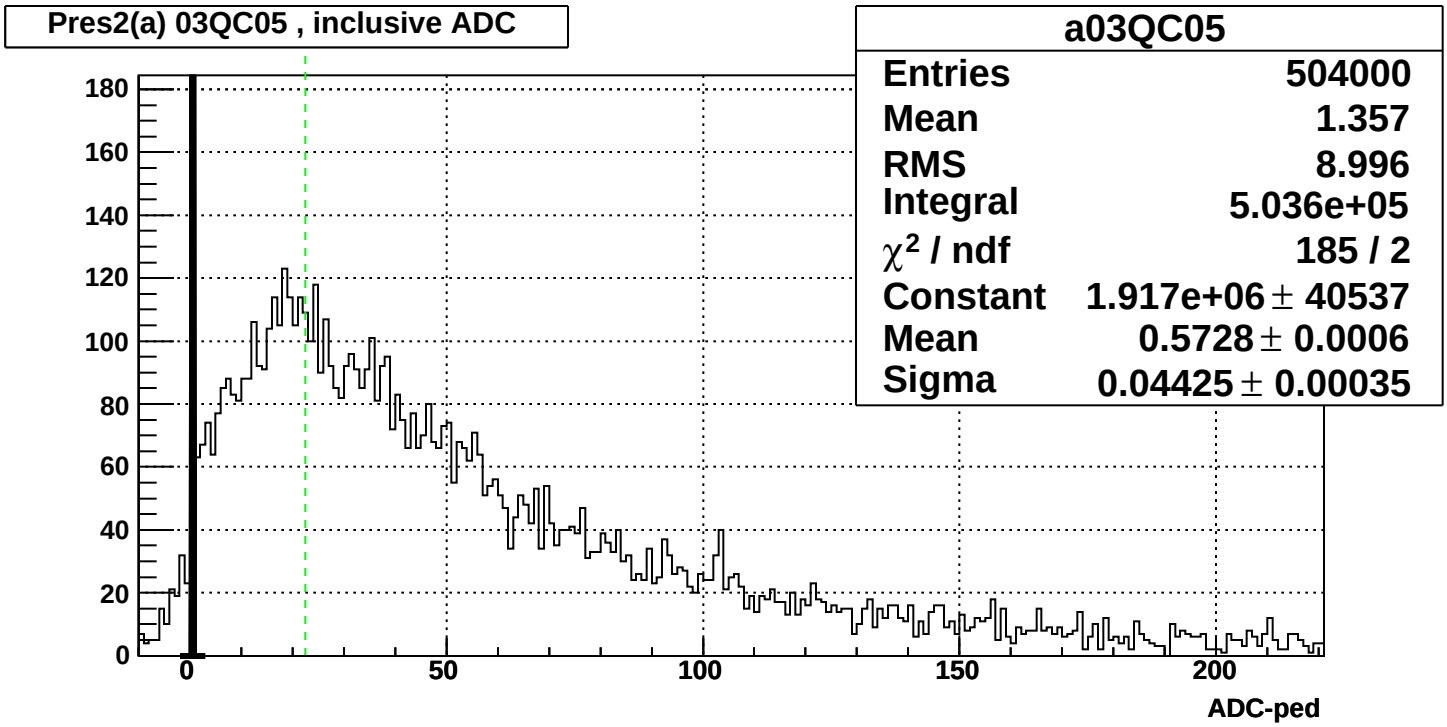

Pres1(d) 03PE05 , ADC, tag: UxV 2*thr
d03PE05
Entries 104
Mean 30.23
RMS 20.36
Integral 104
χ² / ndf 22.26 / 17
ampl-G 6.616 ± 5.288
const-L 47.08 ± 7.96
MPV-L 18.41 ± 2.28
sig-L 7.421 ± 1.307
ADC-ped

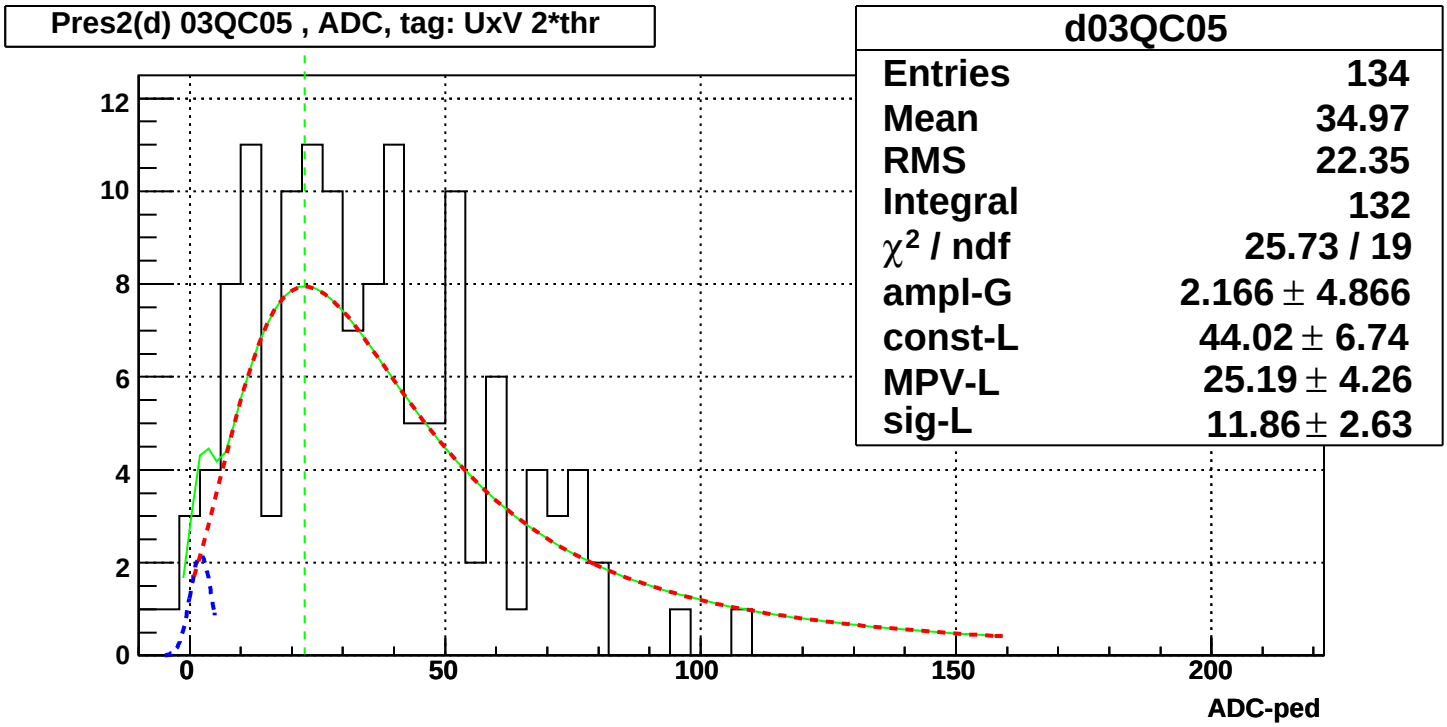

Pres2(a) 03QA05 , inclusive ADC
a03QA05
Entries 504000
Mean 1.371
RMS 9.152
Integral 5.035e+05
χ² / ndf 139 / 2
Constant 2.17e+06 ± 45880
Mean 0.5713 ± 0.0005
Sigma 0.04149 ± 0.00030
ADC-ped

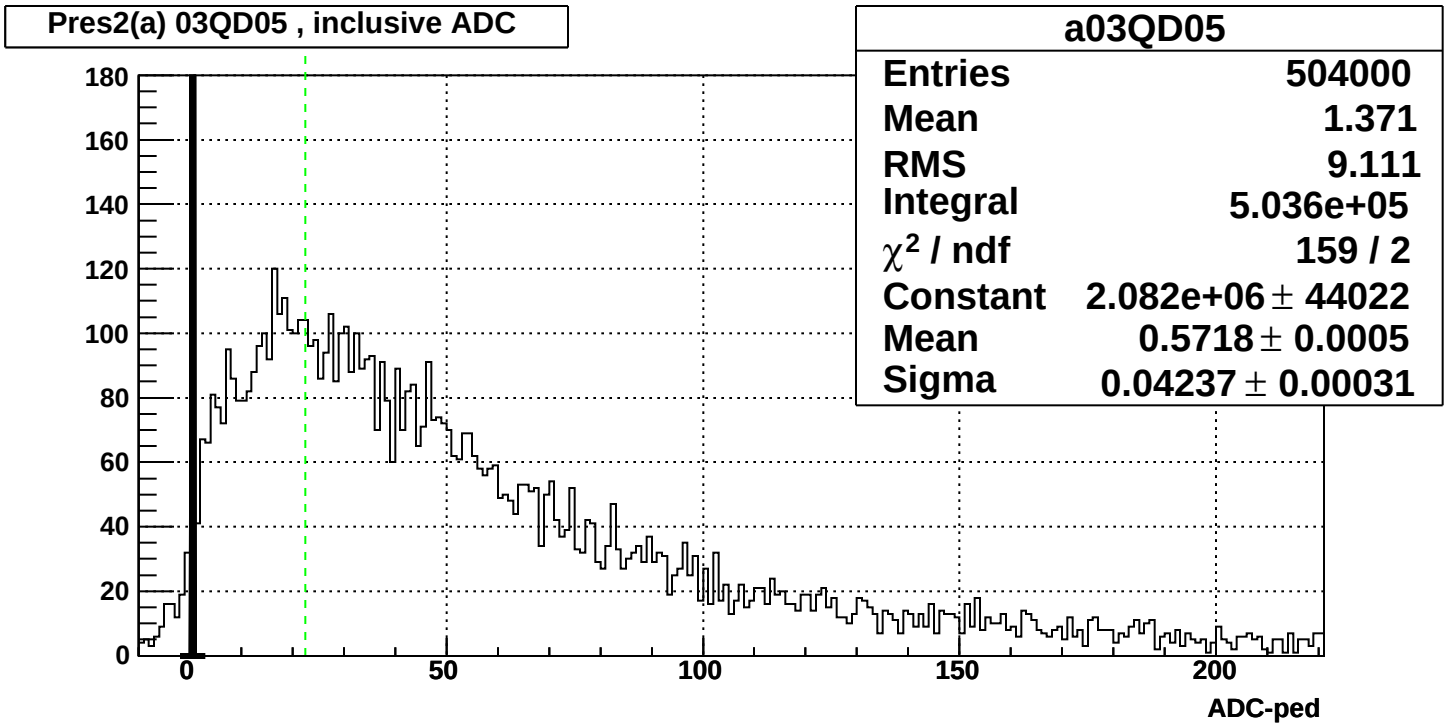

Pres2(d) 03QA05 , ADC, tag: UxV 2*thr
d03QA05
Entries 118
Mean 34.1
RMS 27.75
Integral 118
χ² / ndf 18.09 / 21
ampl-G 5.795 ± 3.013
const-L 50.66 ± 9.09
MPV-L 22.15 ± 2.07
sig-L 8.399 ± 1.695
ADC-ped

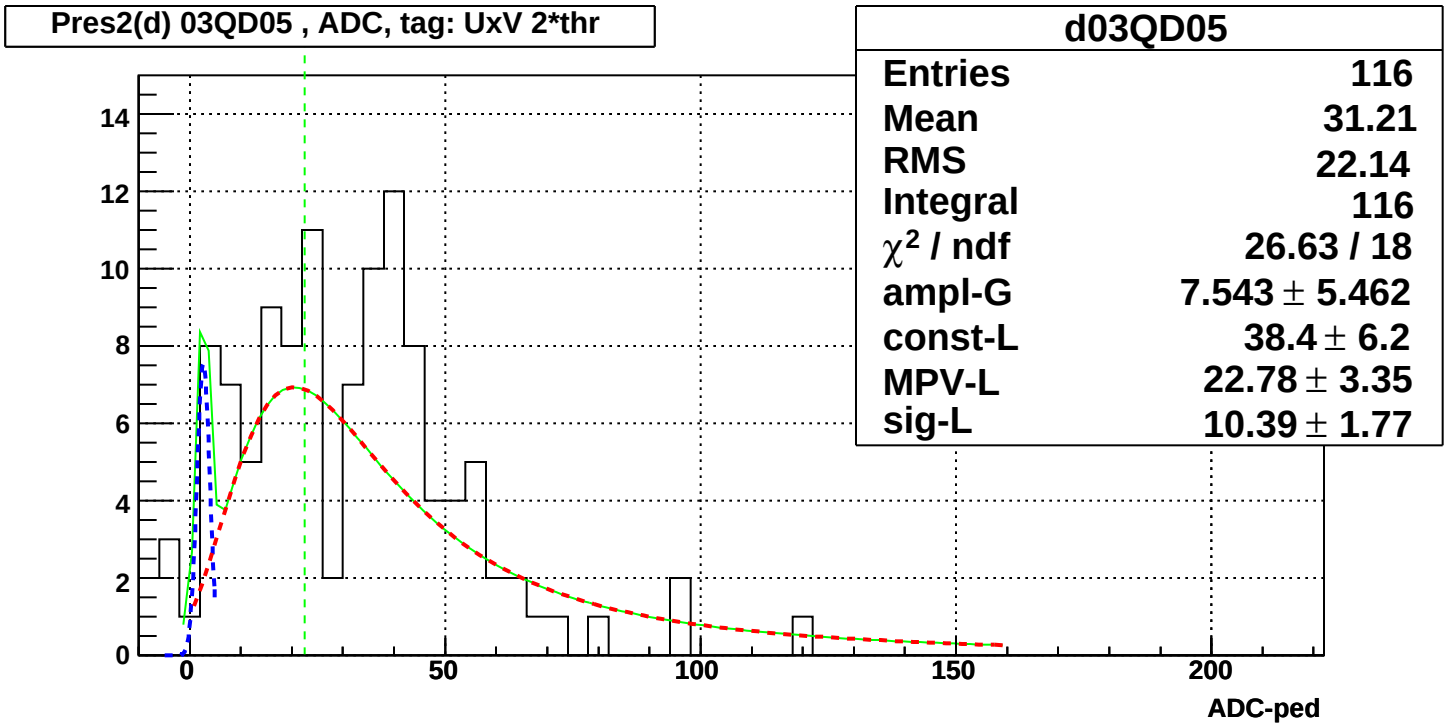

Pres2(a) 03QB05 , inclusive ADC
a03QB05
Entries 504000
Mean 1.365
RMS 9.051
Integral 5.035e+05
χ² / ndf 168 / 2
Constant 2.022e+06 ± 42753
Mean 0.5721 ± 0.0005
Sigma 0.04301 ± 0.00032
ADC-ped

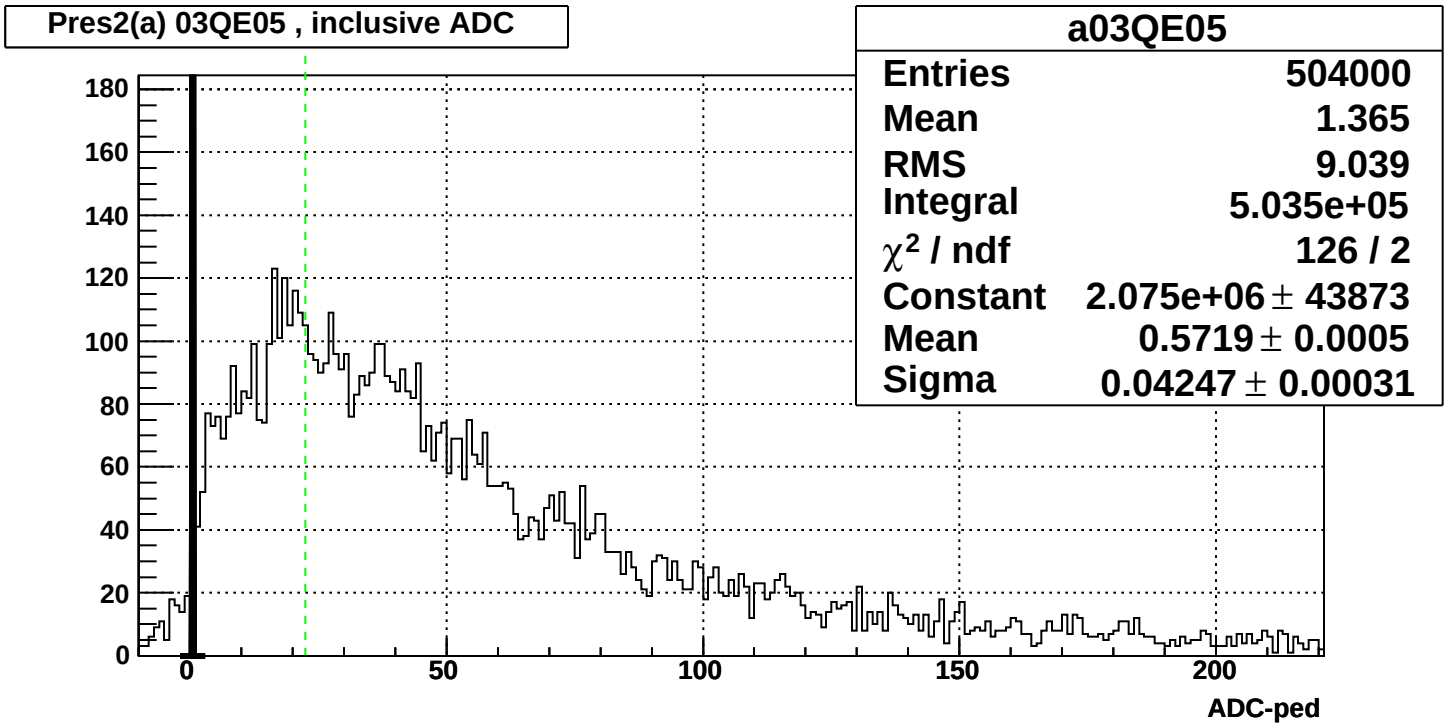

Pres2(d) 03QB05 , ADC, tag: UxV 2*thr
d03QB05
Entries 121
Mean 36.2
RMS 29.95
Integral 121
χ² / ndf 15.15 / 23
ampl-G 3.139 ± 3.418
const-L 51.1 ± 9.1
MPV-L 21.43 ± 2.24
sig-L 8.889 ± 1.840
ADC-ped

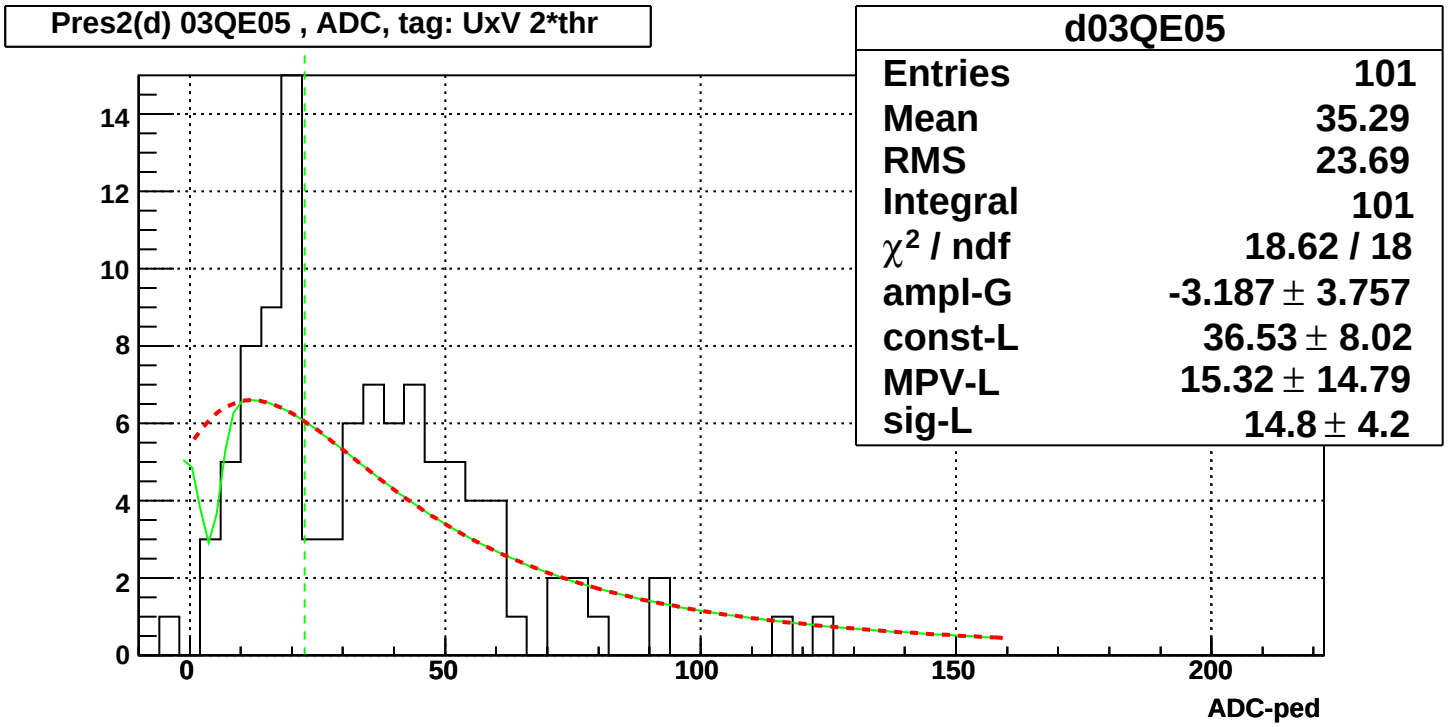

Pres2(a) 03QC05 , inclusive ADC
a03QC05
Entries 504000
Mean 1.357
RMS 8.996
Integral 5.036e+05
χ² / ndf 185 / 2
Constant 1.917e+06 ± 40537
Mean 0.5728 ± 0.0006
Sigma 0.04425 ± 0.00035
ADC-ped

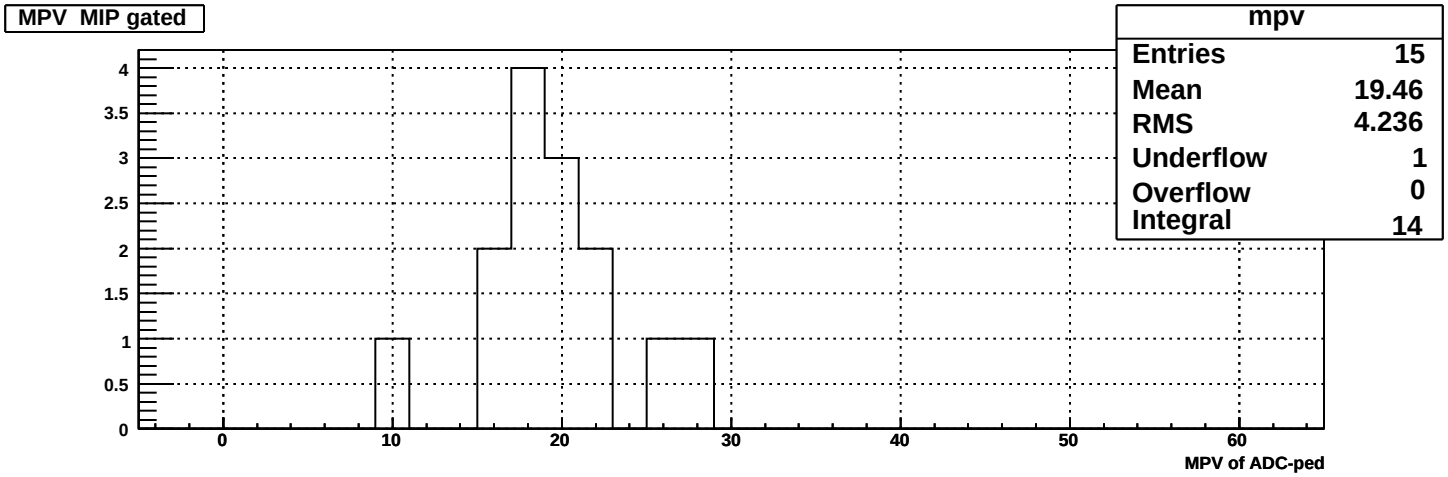

Pres2(d) 03QC05 , ADC, tag: UxV 2*thr
d03QC05
Entries 134
Mean 34.97
RMS 22.35
Integral 132
χ² / ndf 25.73 / 19
ampl-G 2.166 ± 4.866
const-L 44.02 ± 6.74
MPV-L 25.19 ± 4.26
sig-L 11.86 ± 2.63
ADC-ped

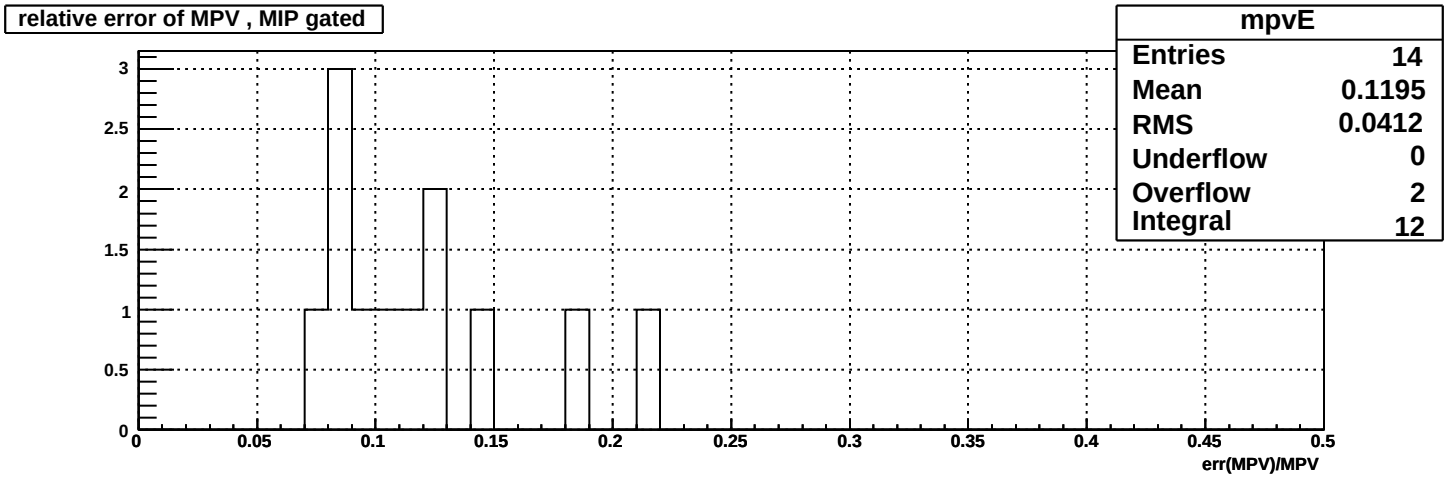

Pres2(a) 03QD05 , inclusive ADC
a03QD05
Entries 504000
Mean 1.371
RMS 9.111
Integral 5.036e+05
χ² / ndf 159 / 2
Constant 2.082e+06 ± 44022
Mean 0.5718 ± 0.0005
Sigma 0.04237 ± 0.00031
ADC-ped

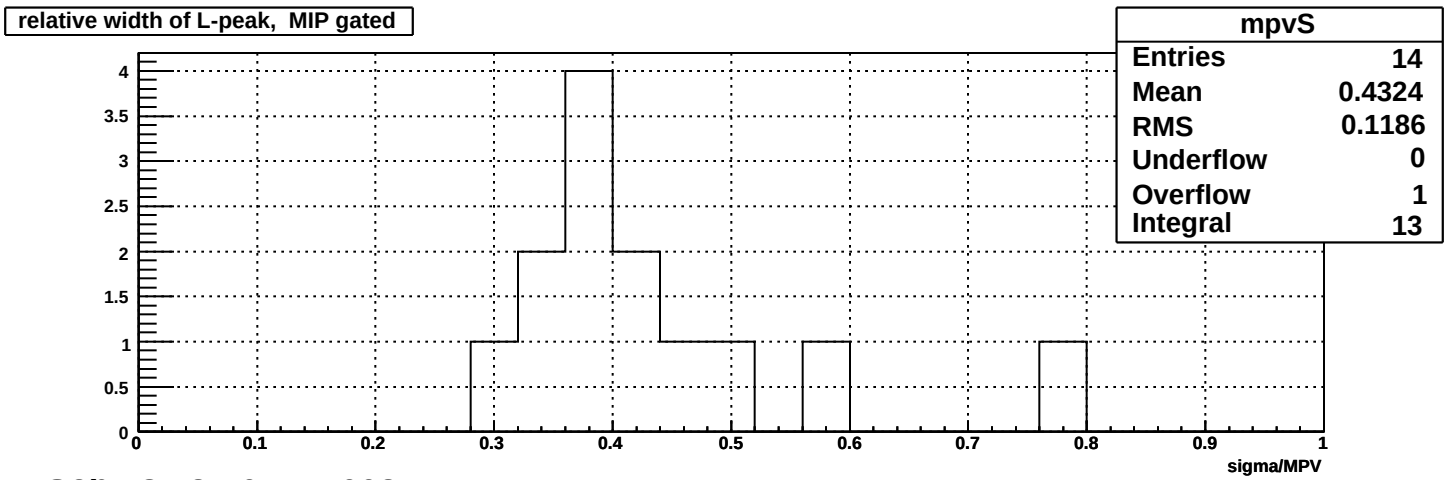

Pres2(d) 03QD05 , ADC, tag: UxV 2*thr
d03QD05
Entries 116
Mean 31.21
RMS 22.14
Integral 116
χ² / ndf 26.63 / 18
ampl-G 7.543 ± 5.462
const-L 38.4 ± 6.2
MPV-L 22.78 ± 3.35
sig-L 10.39 ± 1.77
ADC-ped


Pres2(a) 03QE05 , inclusive ADC
a03QE05
Entries 504000
Mean 1.365
RMS 9.039
Integral 5.035e+05
χ² / ndf 126 / 2
Constant 2.075e+06 ± 43873
Mean 0.5719 ± 0.0005
Sigma 0.04247 ± 0.00031
ADC-ped


Pres2(d) 03QE05 , ADC, tag: UxV 2*thr
d03QE05
Entries 101
Mean 35.29
RMS 23.69
Integral 101
χ² / ndf 18.62 / 18
ampl-G -3.187 ± 3.757
const-L 36.53 ± 8.02
MPV-L 15.32 ± 14.79
sig-L 14.8 ± 4.2
ADC-ped


MPV MIP gated
mpv
Entries 15
Mean 19.46
RMS 4.236
Underflow 1
Overflow 0
Integral 14
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 14
Mean 0.1195
RMS 0.0412
Underflow 0
Overflow 2
Integral 12
err(MPV)/MPV


relative width of L-peak, MIP gated
mpvS
Entries 14
Mean 0.4324
RMS 0.1186
Underflow 0
Overflow 1
Integral 13
sigma/MPV