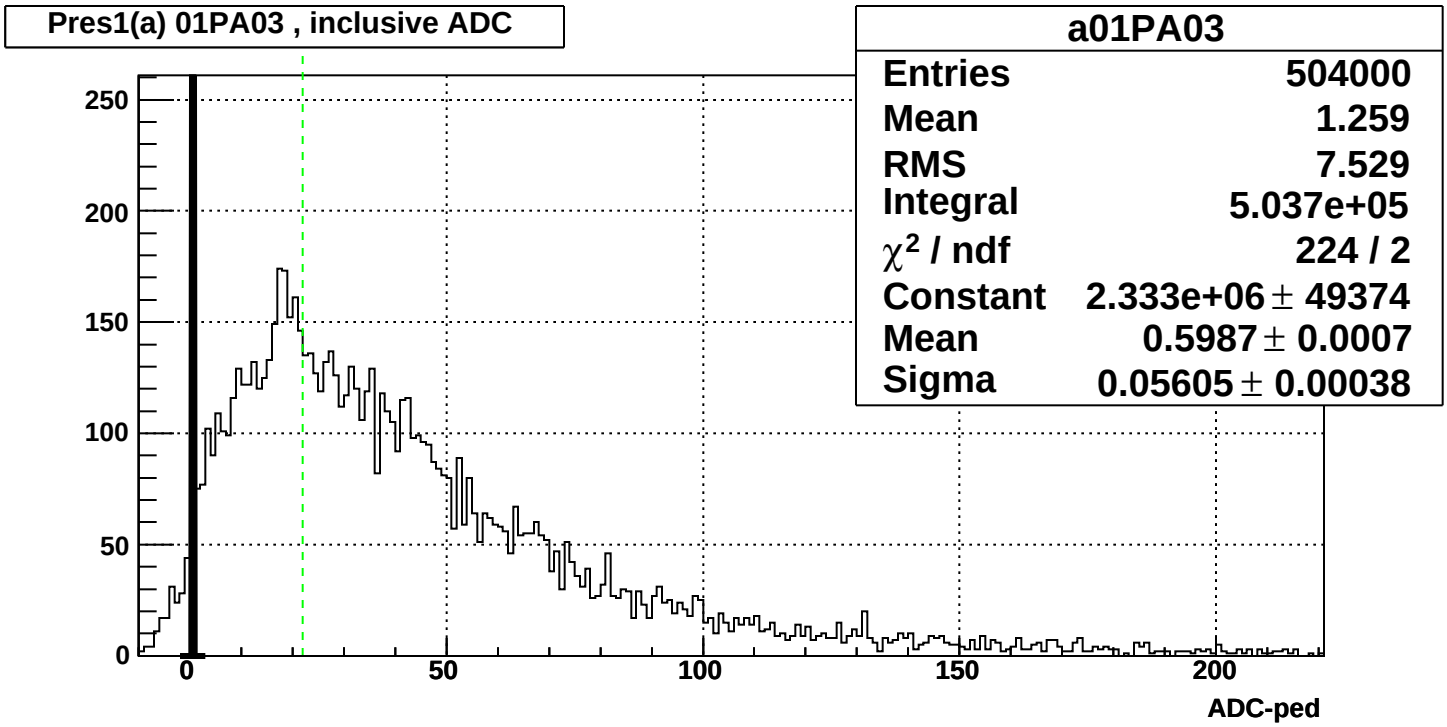
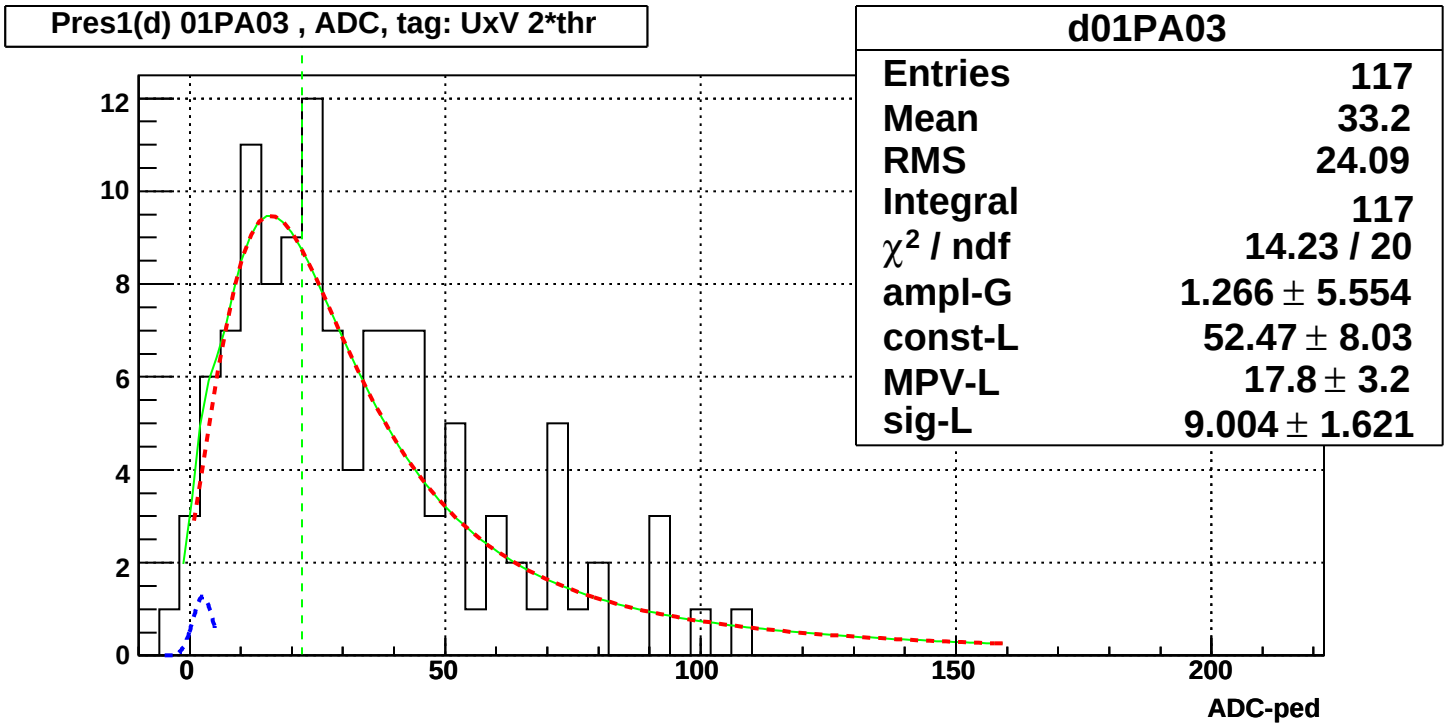
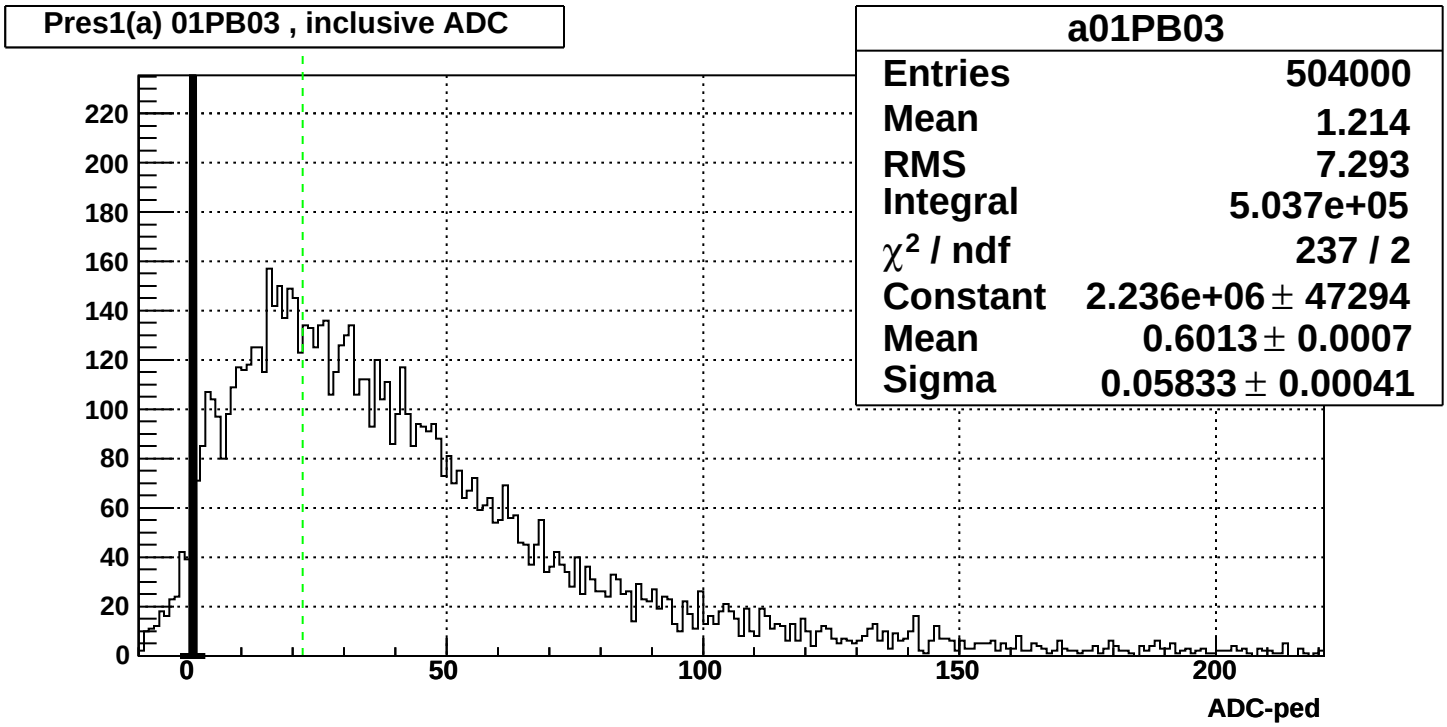
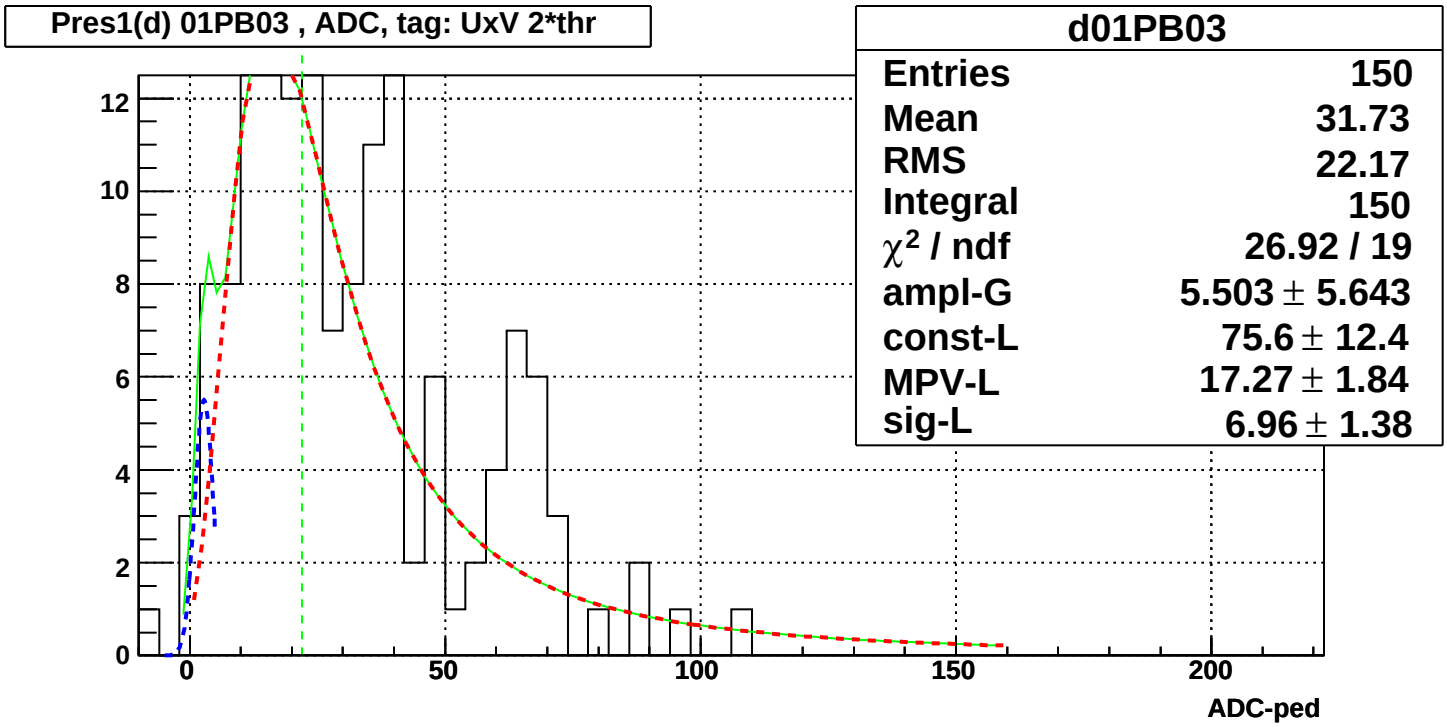
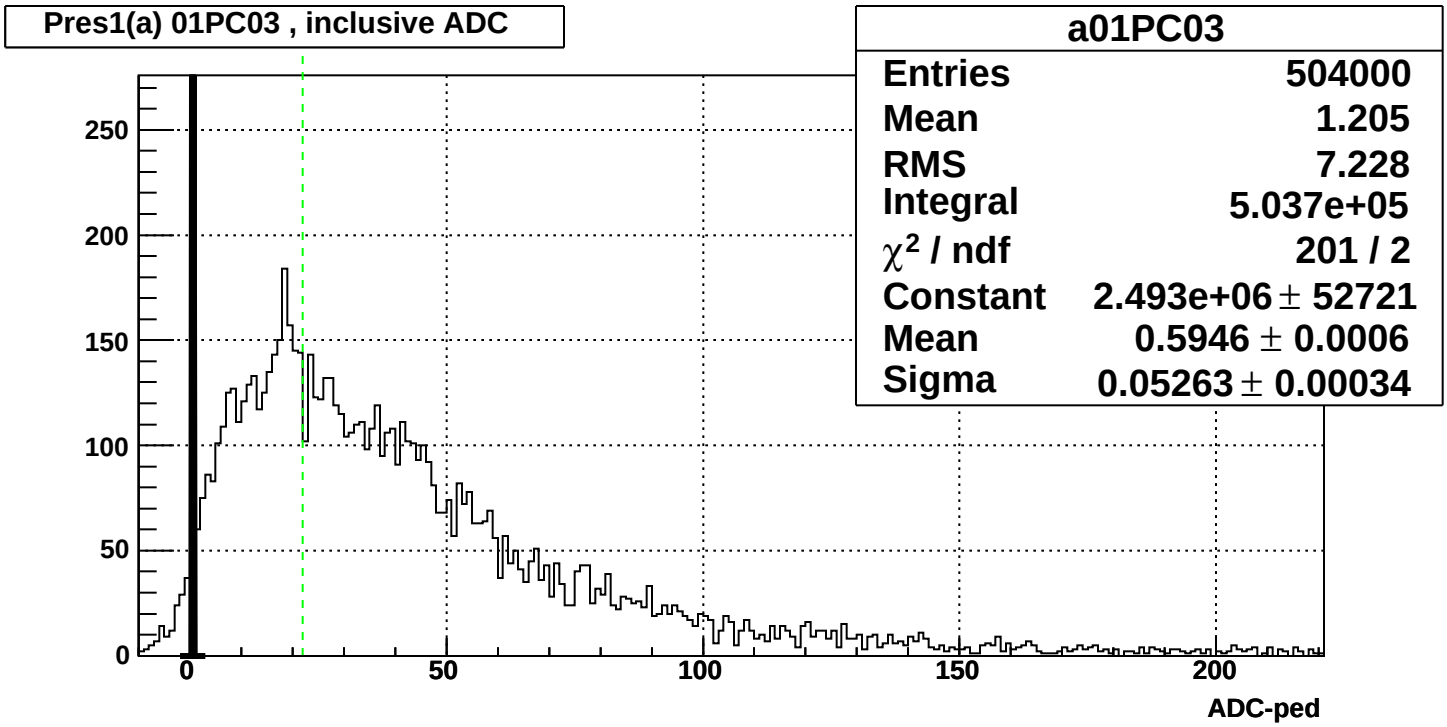
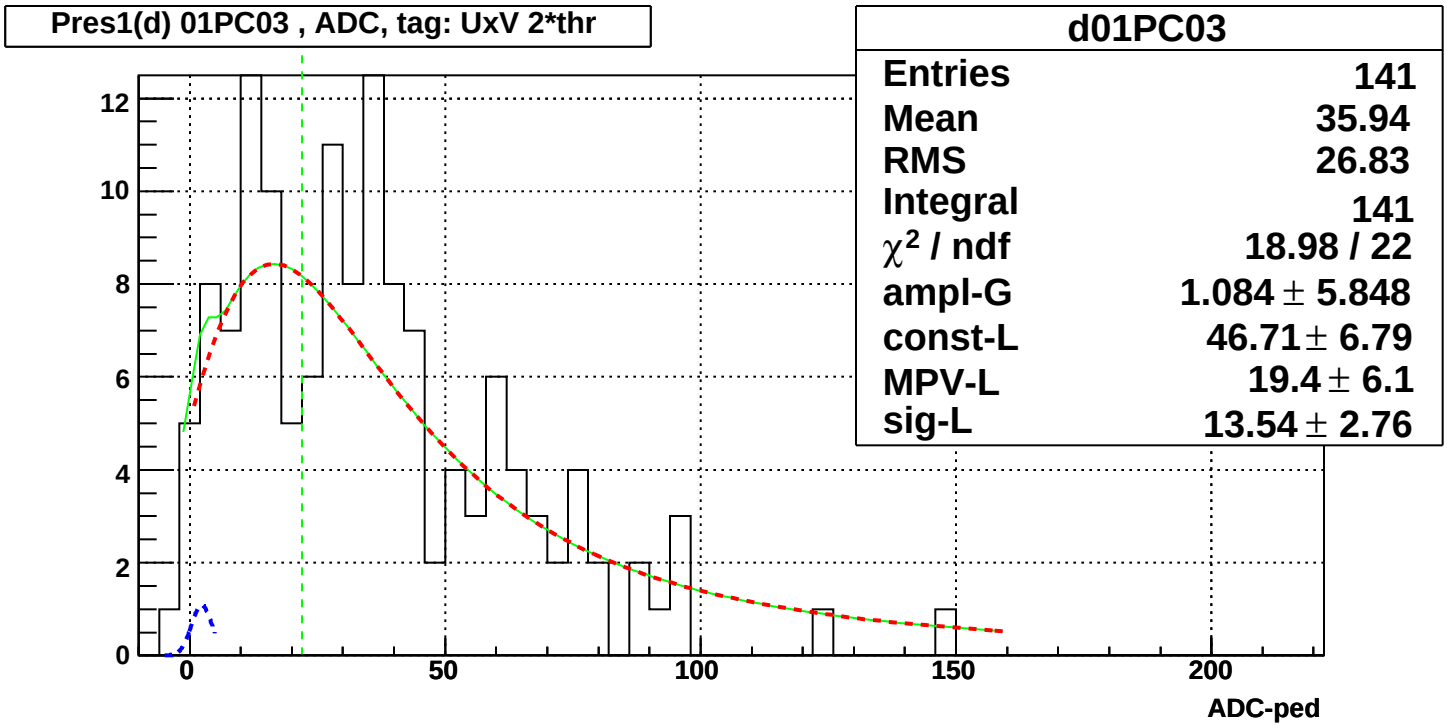

Pres1(a) 01PA03 , inclusive ADC
a01PA03
Entries 504000
Mean 1.259
RMS 7.529
Integral 5.037e+05
χ² / ndf 224 / 2
Constant 2.333e+06 ± 49374
Mean 0.5987 ± 0.0007
Sigma 0.05605 ± 0.00038
ADC-ped

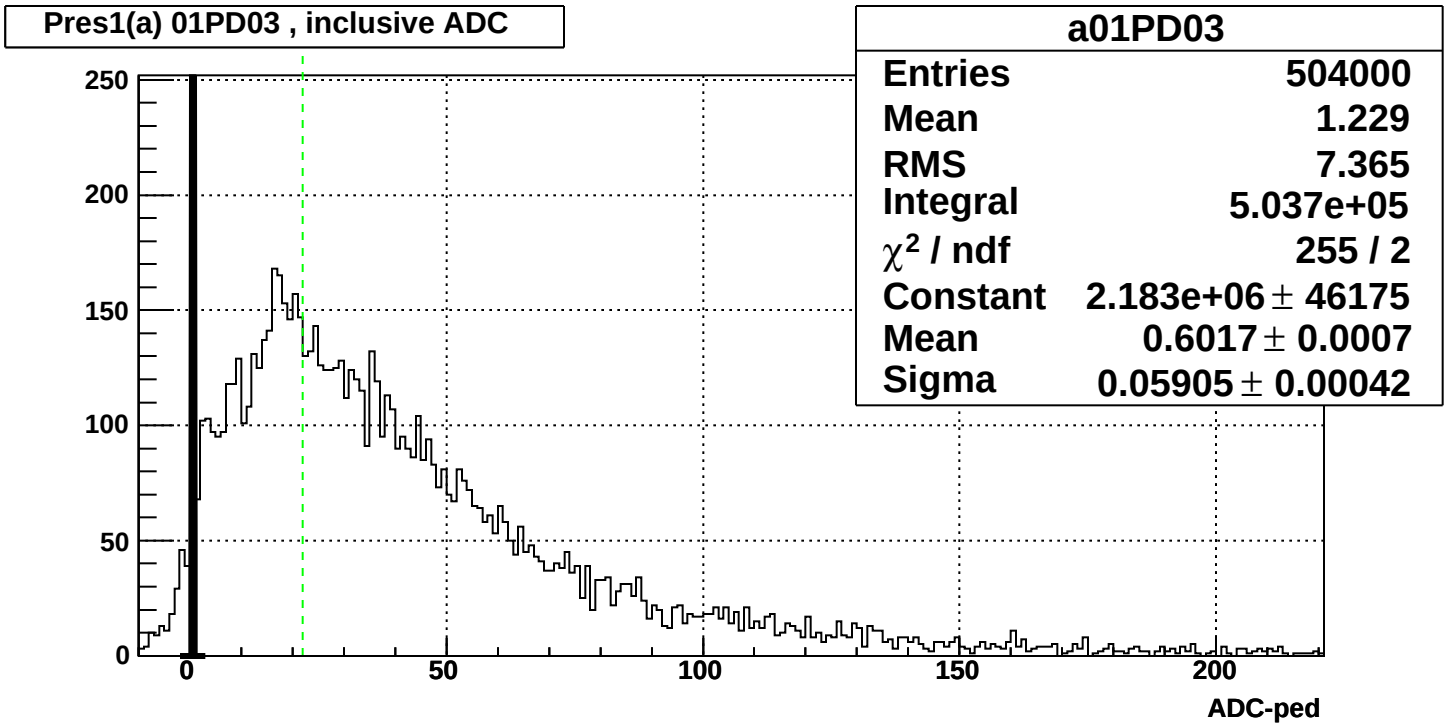

Pres1(d) 01PA03 , ADC, tag: UxV 2*thr
d01PA03
Entries 117
Mean 33.2
RMS 24.09
Integral 117
χ² / ndf 14.23 / 20
ampl-G 1.266 ± 5.554
const-L 52.47 ± 8.03
MPV-L 17.8 ± 3.2
sig-L 9.004 ± 1.621
ADC-ped

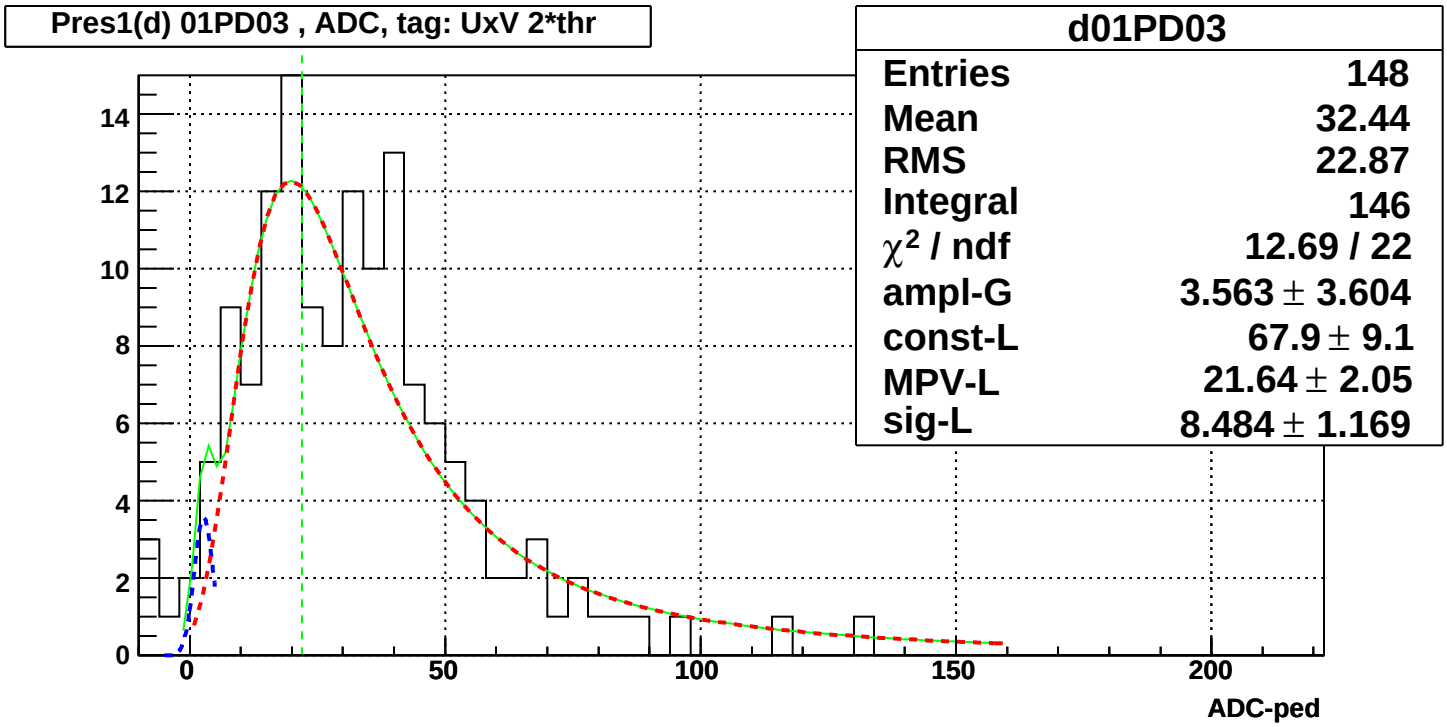

Pres1(a) 01PB03 , inclusive ADC
a01PB03
Entries 504000
Mean 1.214
RMS 7.293
Integral 5.037e+05
χ² / ndf 237 / 2
Constant 2.236e+06 ± 47294
Mean 0.6013 ± 0.0007
Sigma 0.05833 ± 0.00041
ADC-ped

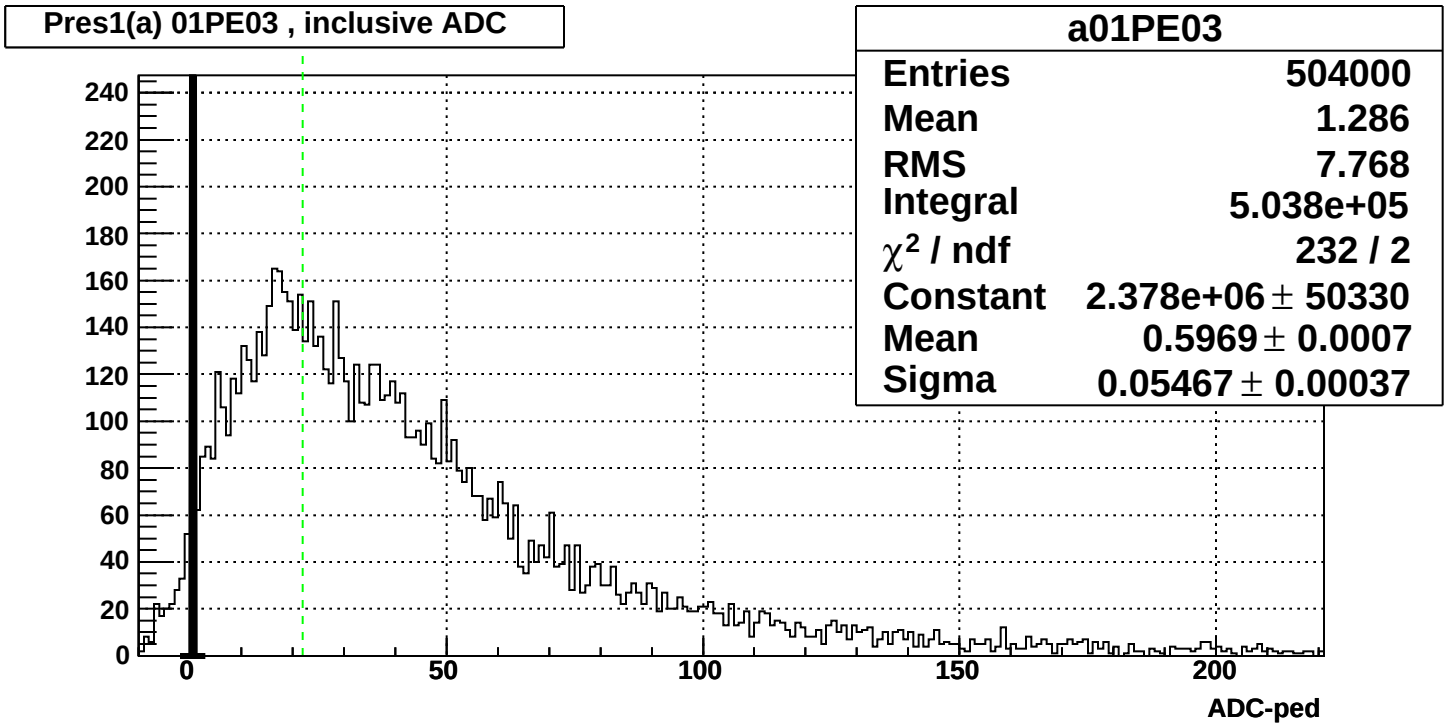

Pres1(d) 01PB03 , ADC, tag: UxV 2*thr
d01PB03
Entries 150
Mean 31.73
RMS 22.17
Integral 150
χ² / ndf 26.92 / 19
ampl-G 5.503 ± 5.643
const-L 75.6 ± 12.4
MPV-L 17.27 ± 1.84
sig-L 6.96 ± 1.38
ADC-ped

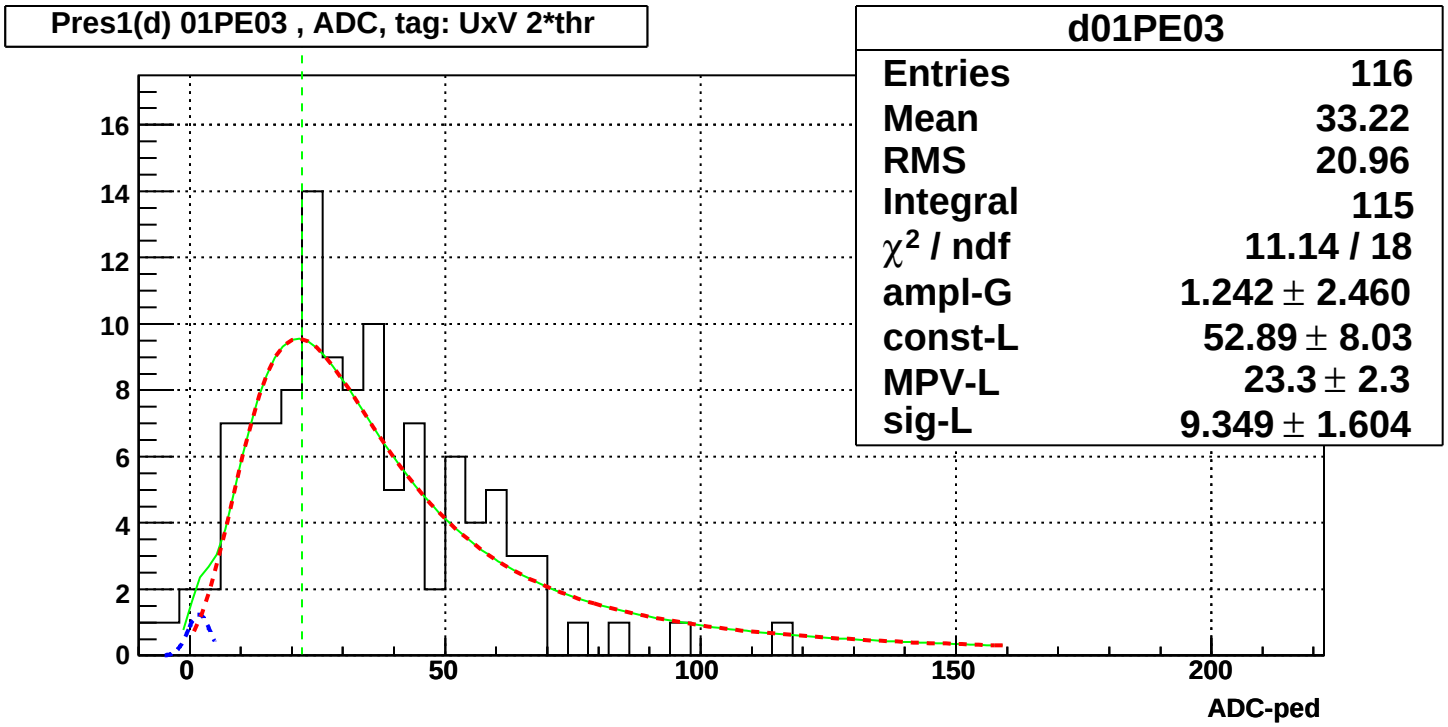

Pres1(a) 01PC03 , inclusive ADC
a01PC03
Entries 504000
Mean 1.205
RMS 7.228
Integral 5.037e+05
χ² / ndf 201 / 2
Constant 2.493e+06 ± 52721
Mean 0.5946 ± 0.0006
Sigma 0.05263 ± 0.00034
ADC-ped

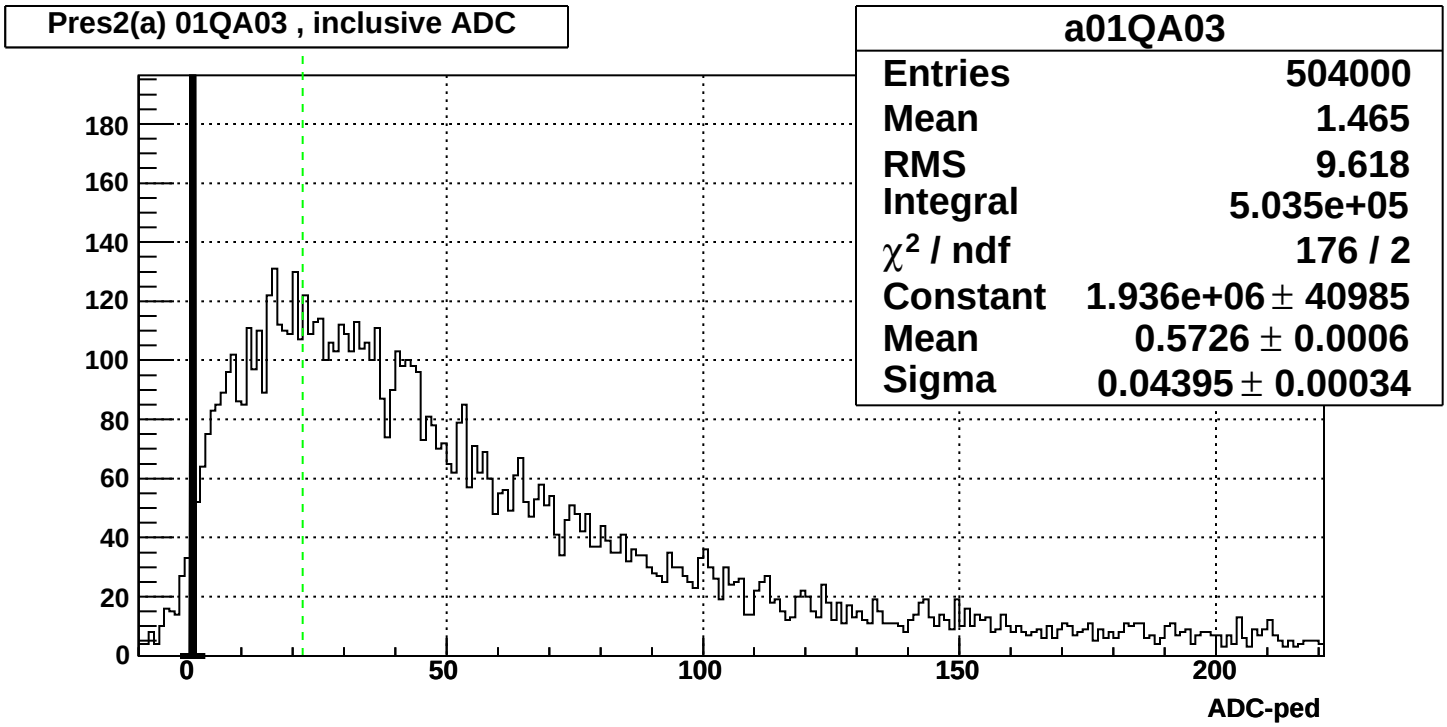

Pres1(d) 01PC03 , ADC, tag: UxV 2*thr
d01PC03
Entries 141
Mean 35.94
RMS 26.83
Integral 141
χ² / ndf 18.98 / 22
ampl-G 1.084 ± 5.848
const-L 46.71 ± 6.79
MPV-L 19.4 ± 6.1
sig-L 13.54 ± 2.76
ADC-ped

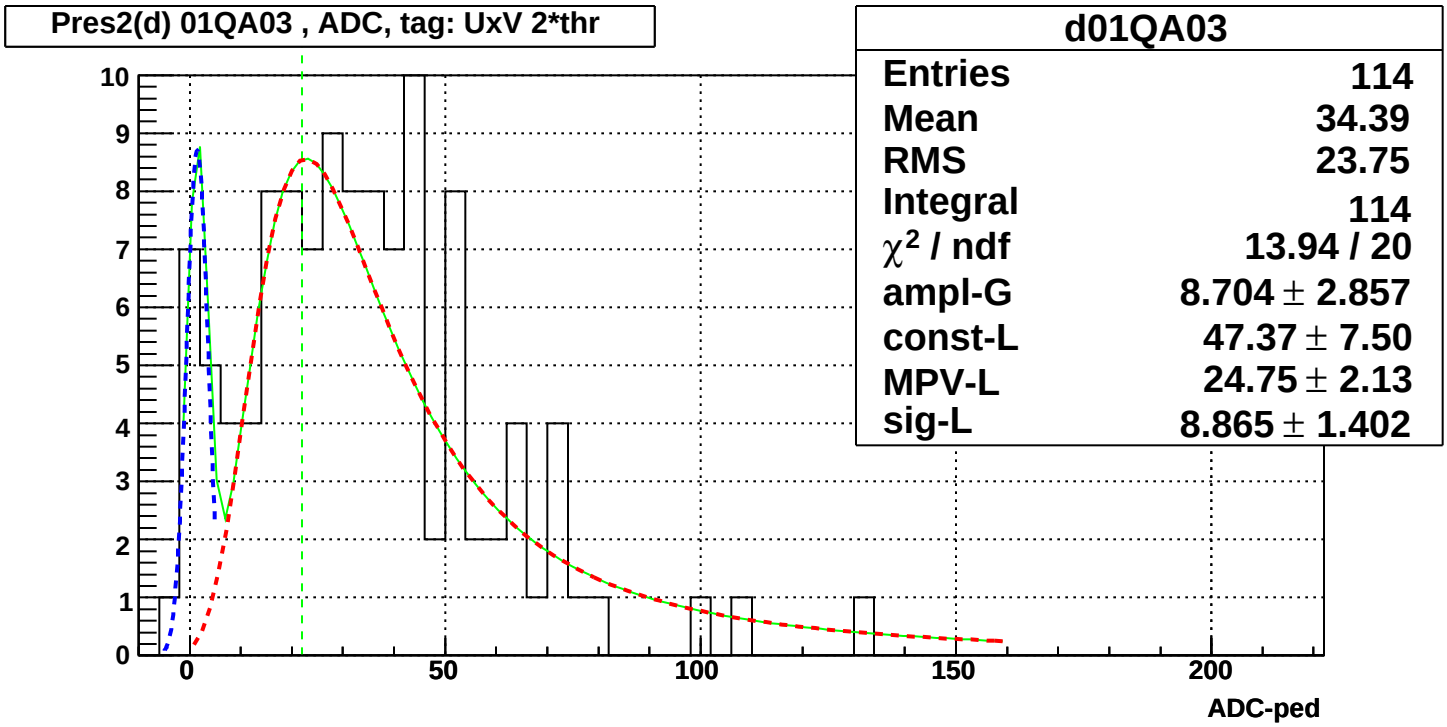

Pres1(a) 01PD03 , inclusive ADC
a01PD03
Entries 504000
Mean 1.229
RMS 7.365
Integral 5.037e+05
χ² / ndf 255 / 2
Constant 2.183e+06 ± 46175
Mean 0.6017 ± 0.0007
Sigma 0.05905 ± 0.00042
ADC-ped

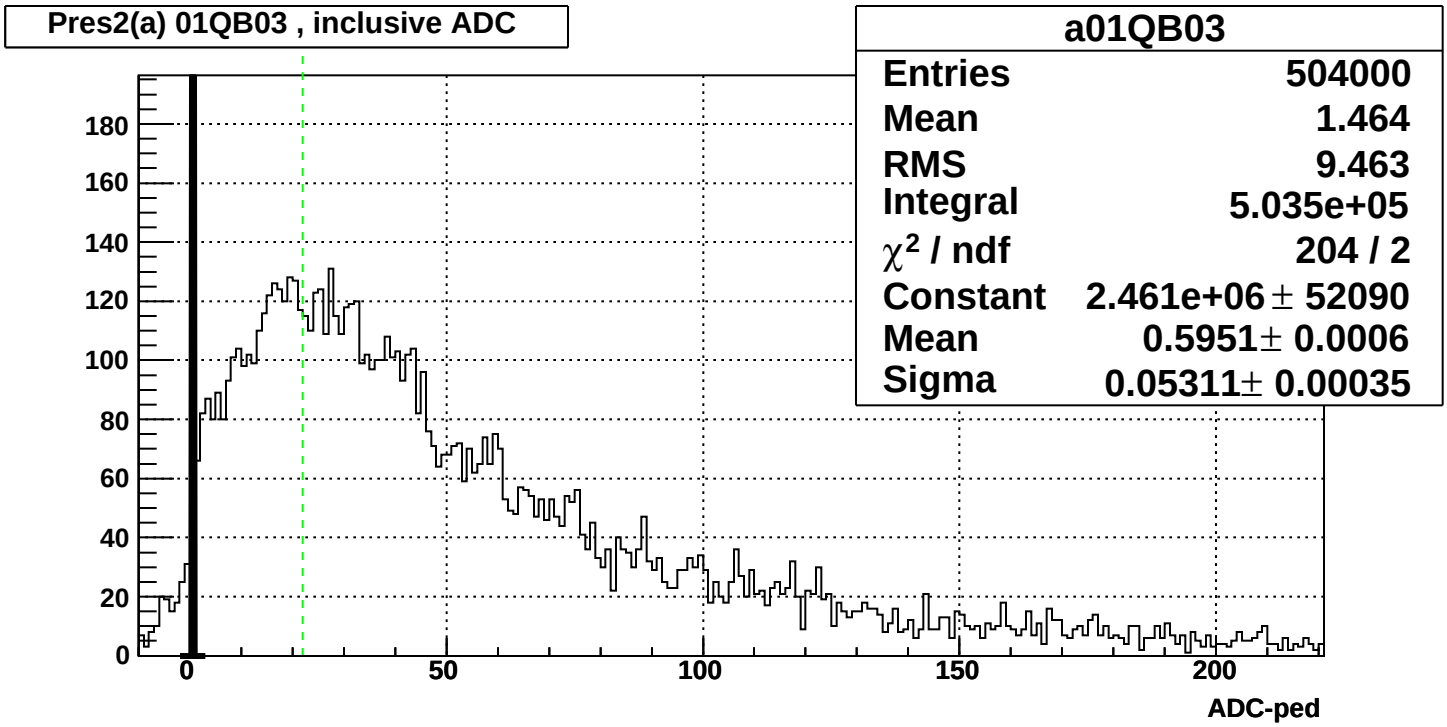

Pres1(d) 01PD03 , ADC, tag: UxV 2*thr
d01PD03
Entries 148
Mean 32.44
RMS 22.87
Integral 146
χ² / ndf 12.69 / 22
ampl-G 3.563 ± 3.604
const-L 67.9 ± 9.1
MPV-L 21.64 ± 2.05
sig-L 8.484 ± 1.169
ADC-ped

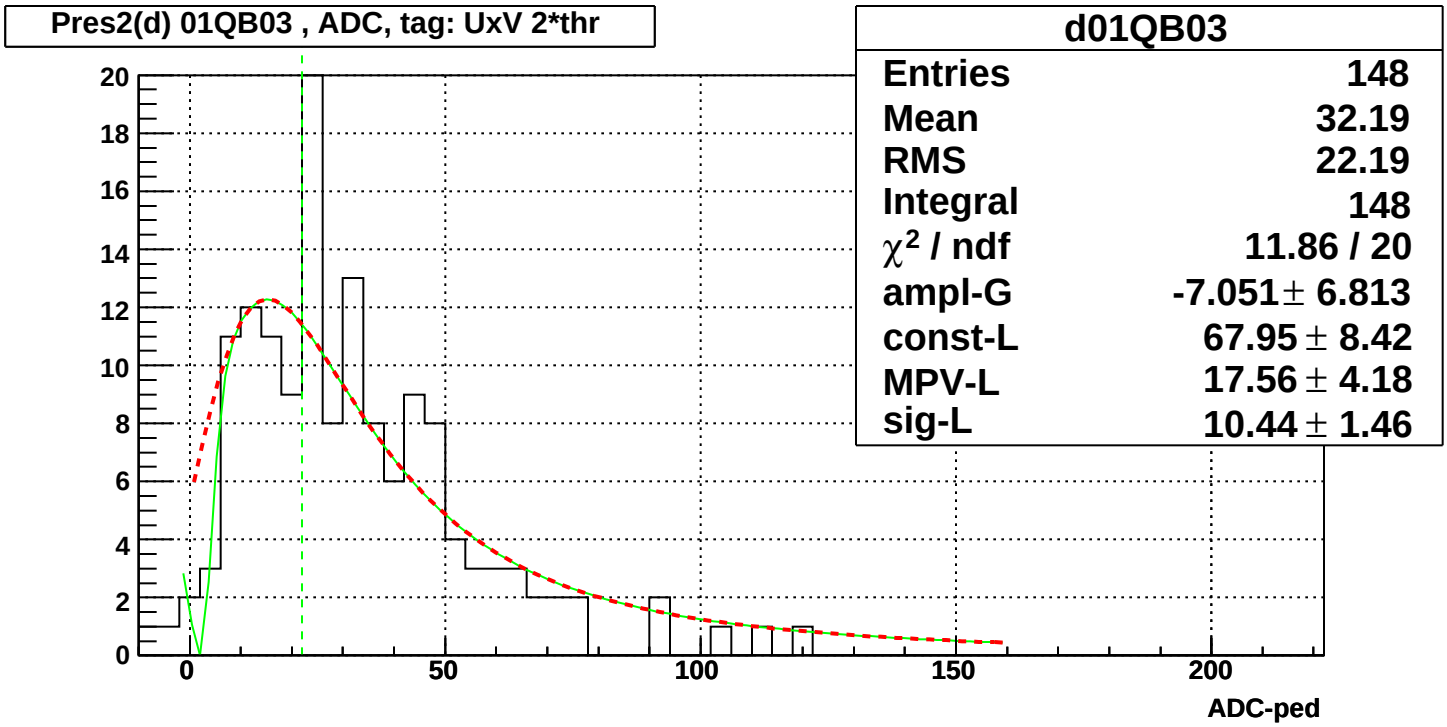

Pres1(a) 01PE03 , inclusive ADC
a01PE03
Entries 504000
Mean 1.286
RMS 7.768
Integral 5.038e+05
χ² / ndf 232 / 2
Constant 2.378e+06 ± 50330
Mean 0.5969 ± 0.0007
Sigma 0.05467 ± 0.00037
ADC-ped

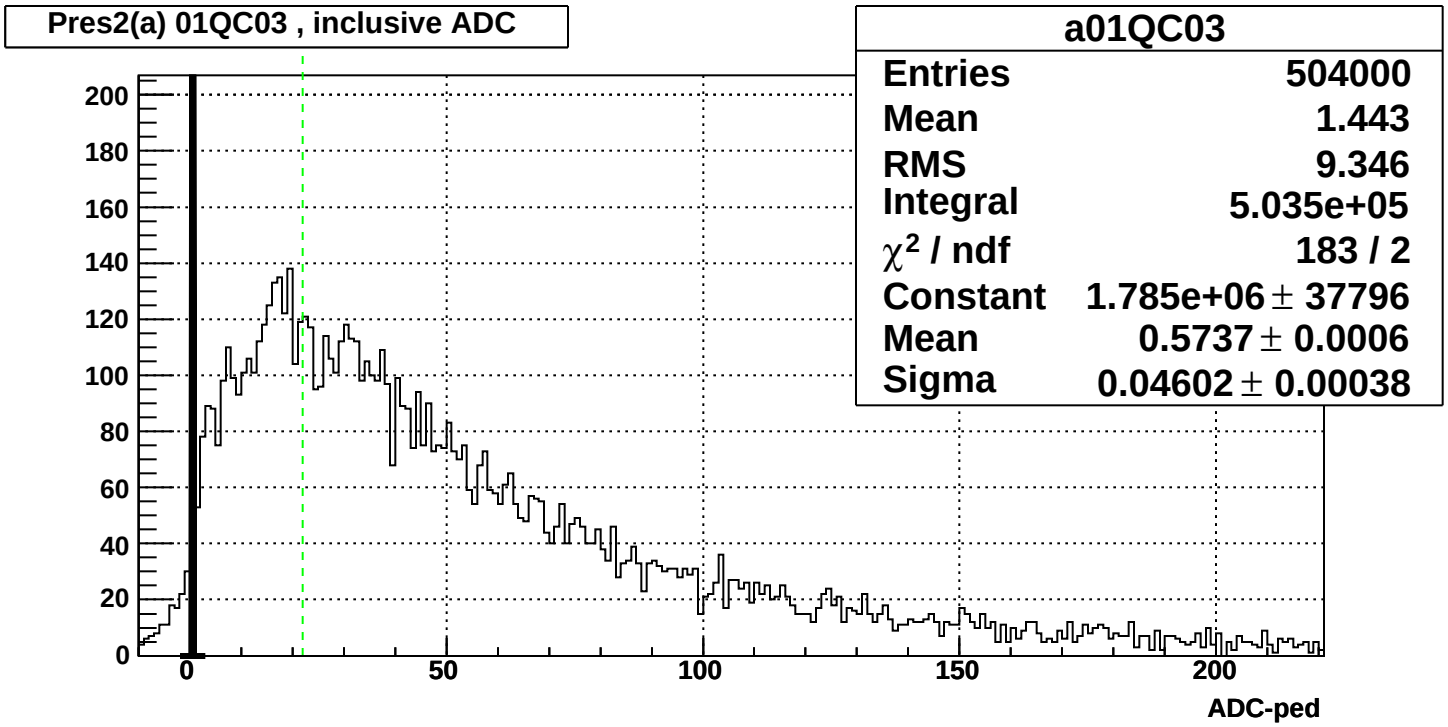

Pres1(d) 01PE03 , ADC, tag: UxV 2*thr
d01PE03
Entries 116
Mean 33.22
RMS 20.96
Integral 115
χ² / ndf 11.14 / 18
ampl-G 1.242 ± 2.460
const-L 52.89 ± 8.03
MPV-L 23.3 ± 2.3
sig-L 9.349 ± 1.604
ADC-ped

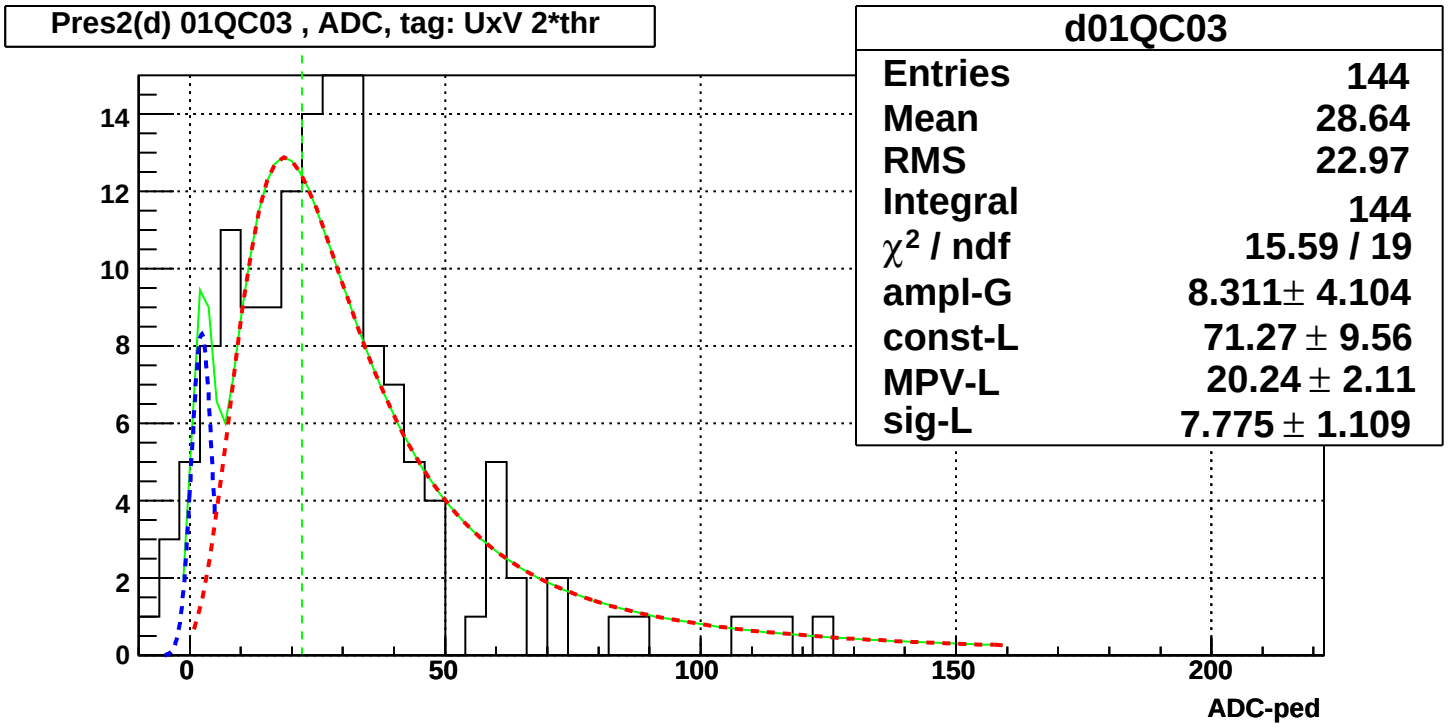

Pres2(a) 01QA03 , inclusive ADC
a01QA03
Entries 504000
Mean 1.465
RMS 9.618
Integral 5.035e+05
χ² / ndf 176 / 2
Constant 1.936e+06 ± 40985
Mean 0.5726 ± 0.0006
Sigma 0.04395 ± 0.00034
ADC-ped

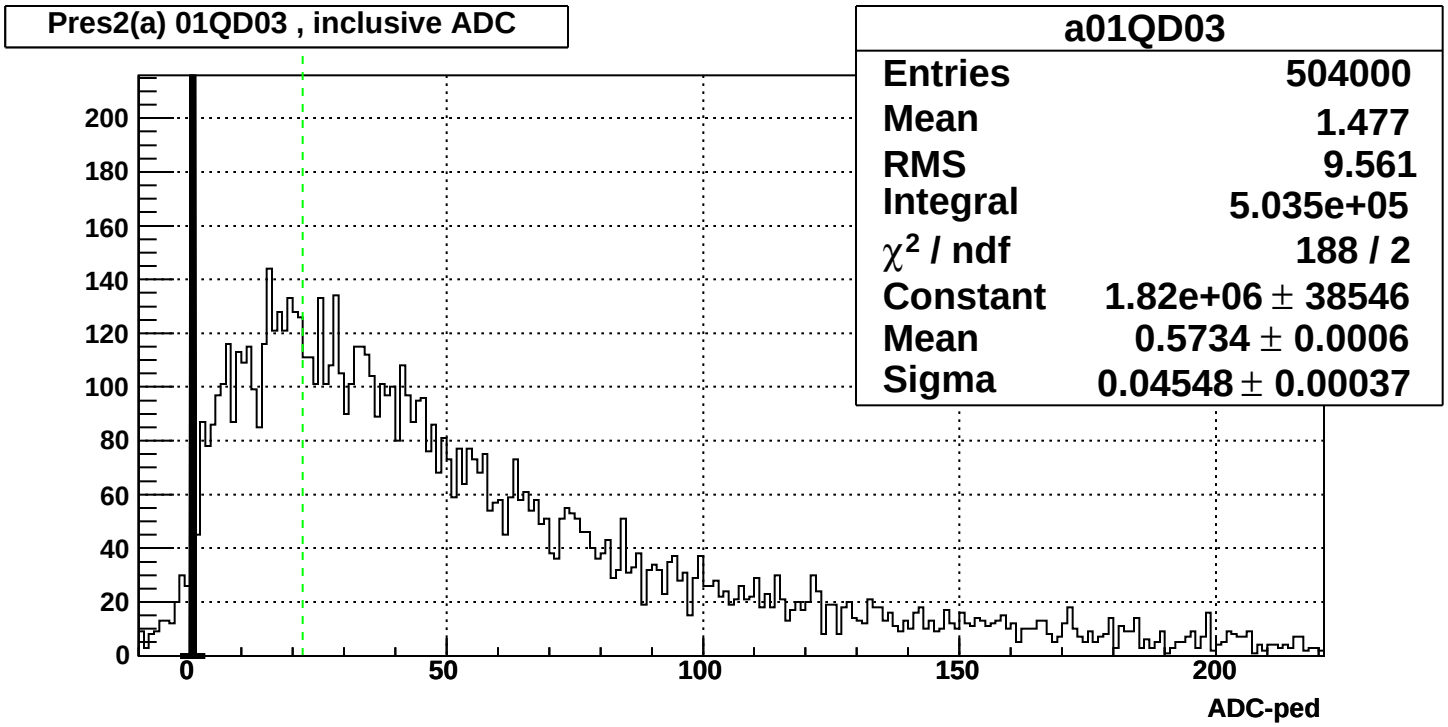

Pres2(d) 01QA03 , ADC, tag: UxV 2*thr
d01QA03
Entries 114
Mean 34.39
RMS 23.75
Integral 114
χ² / ndf 13.94 / 20
ampl-G 8.704 ± 2.857
const-L 47.37 ± 7.50
MPV-L 24.75 ± 2.13
sig-L 8.865 ± 1.402
ADC-ped

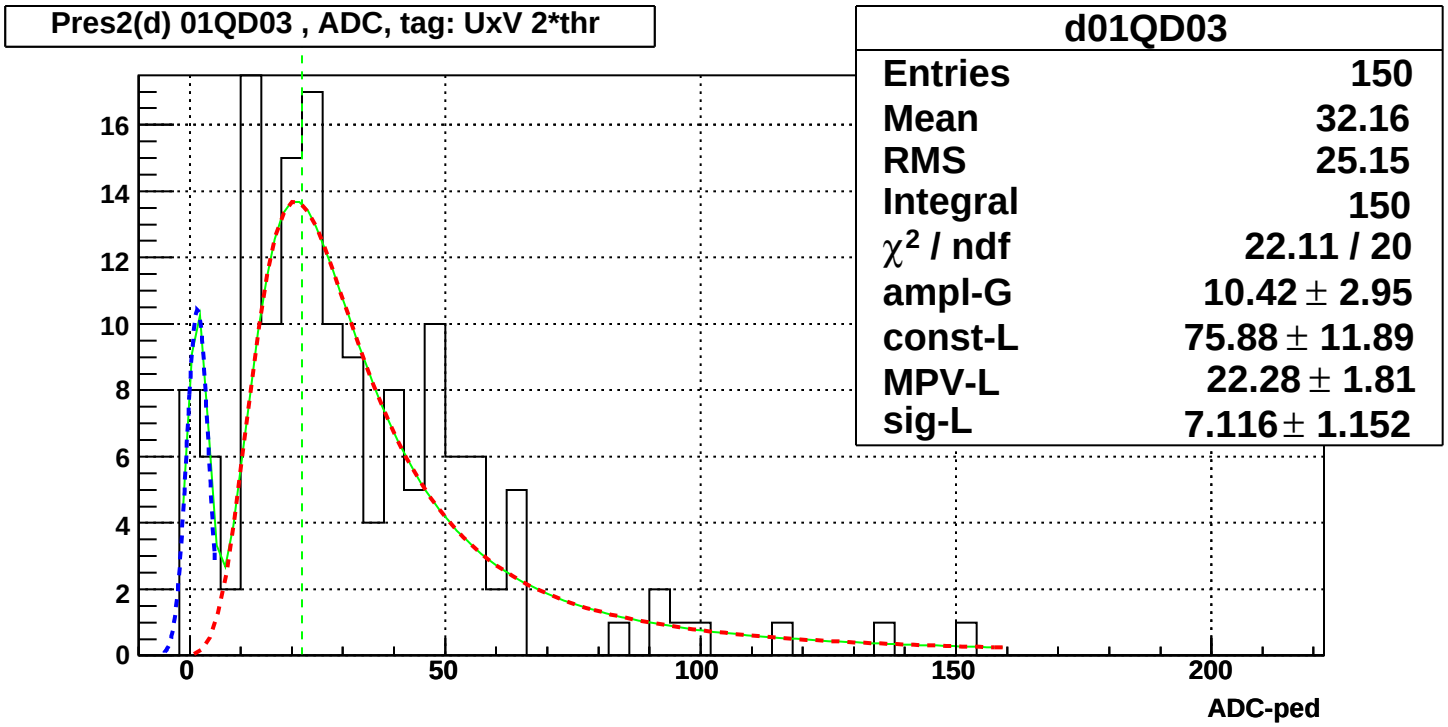

Pres2(a) 01QB03 , inclusive ADC
a01QB03
Entries 504000
Mean 1.464
RMS 9.463
Integral 5.035e+05
χ² / ndf 204 / 2
Constant 2.461e+06 ± 52090
Mean 0.5951 ± 0.0006
Sigma 0.05311 ± 0.00035
ADC-ped

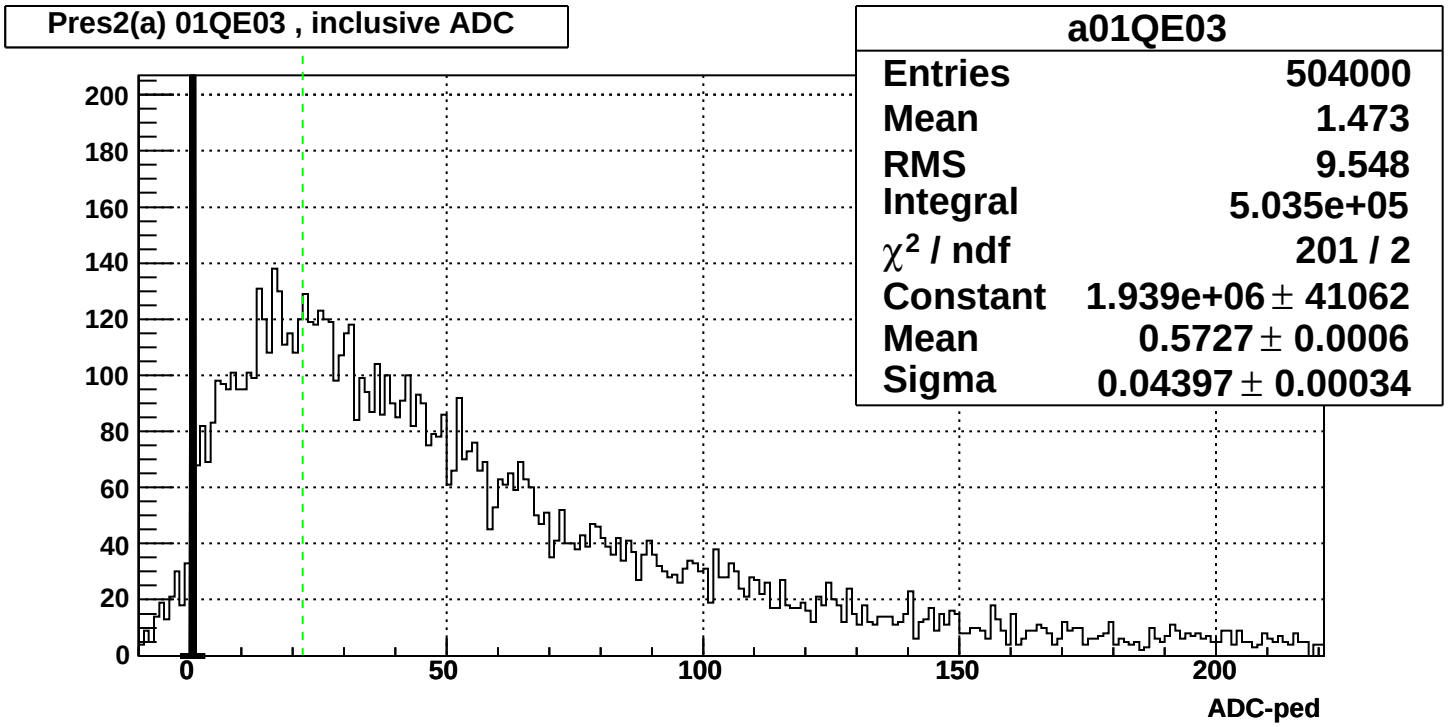

Pres2(d) 01QB03 , ADC, tag: UxV 2*thr
d01QB03
Entries 148
Mean 32.19
RMS 22.19
Integral 148
χ² / ndf 11.86 / 20
ampl-G -7.051 ± 6.813
const-L 67.95 ± 8.42
MPV-L 17.56 ± 4.18
sig-L 10.44 ± 1.46
ADC-ped

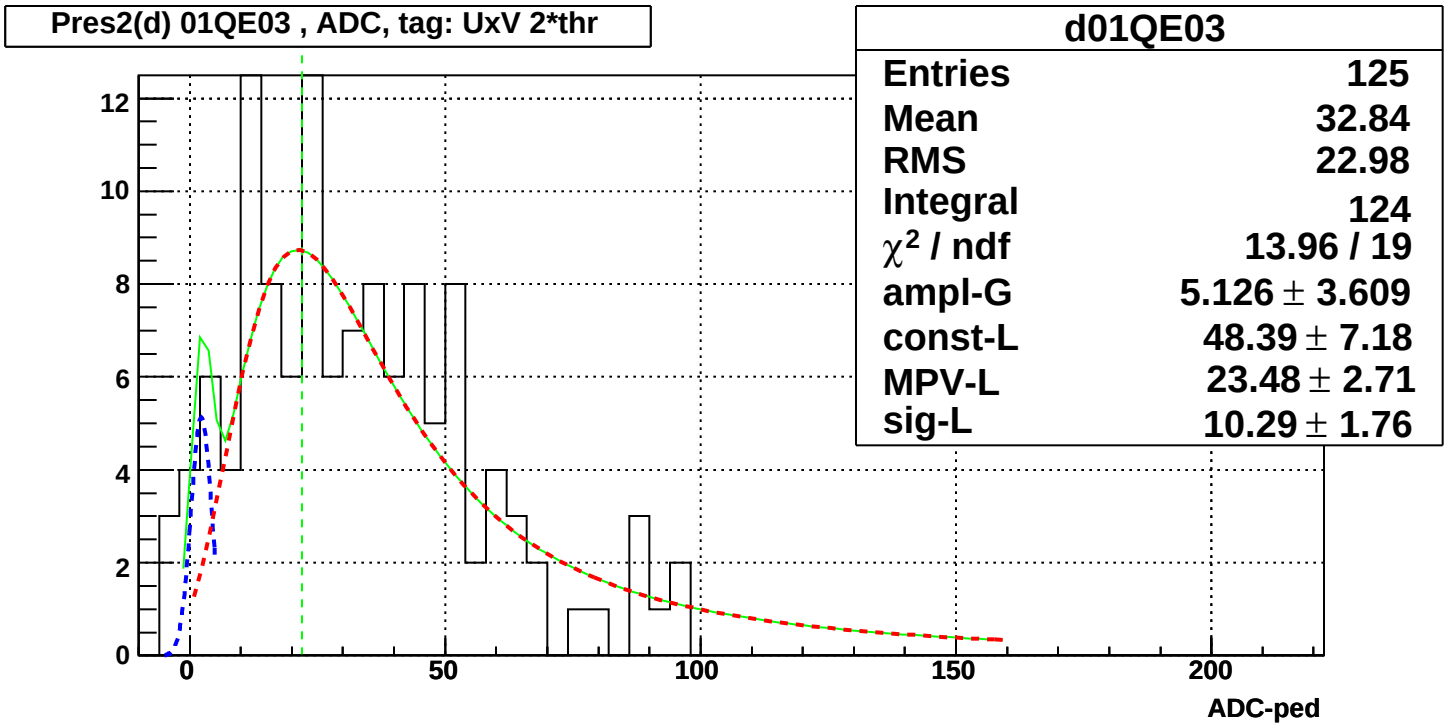

Pres2(a) 01QC03 , inclusive ADC
a01QC03
Entries 504000
Mean 1.443
RMS 9.346
Integral 5.035e+05
χ² / ndf 183 / 2
Constant 1.785e+06 ± 37796
Mean 0.5737 ± 0.0006
Sigma 0.04602 ± 0.00038
ADC-ped

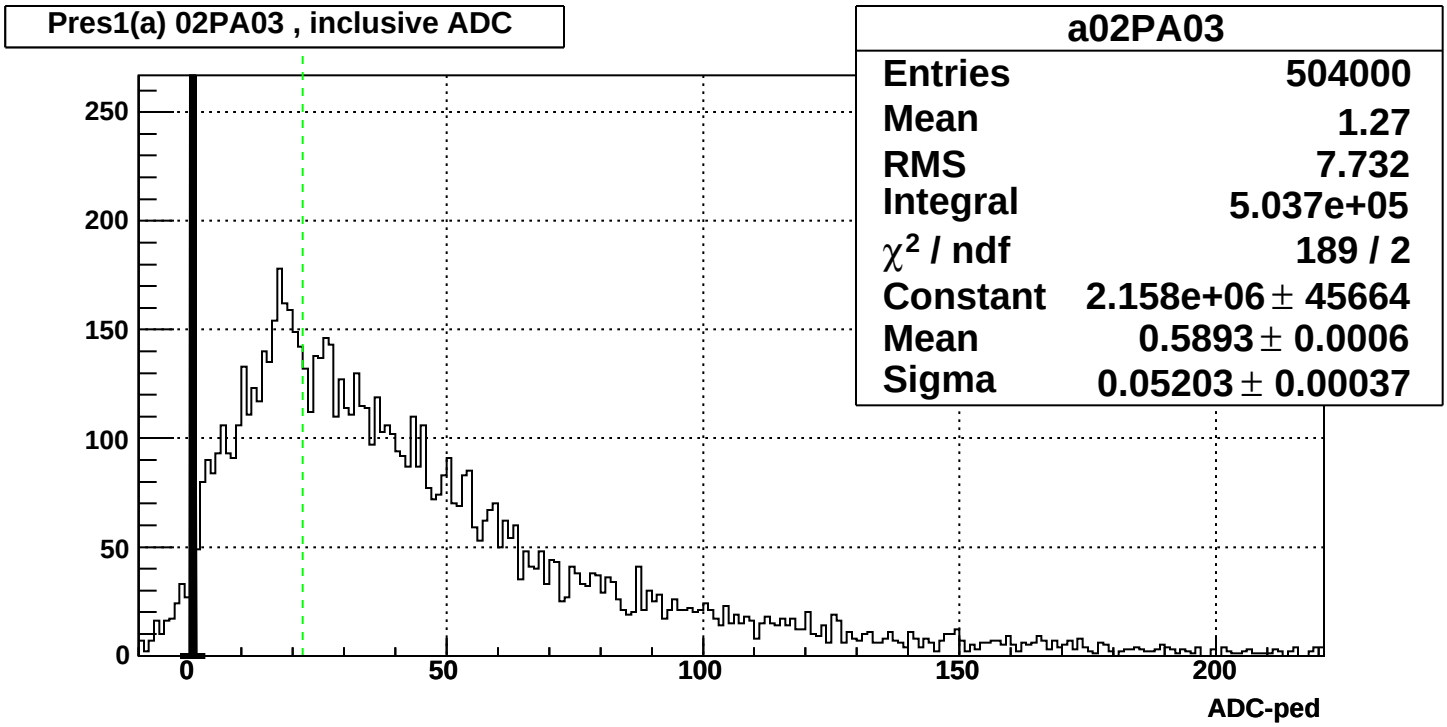

Pres2(d) 01QC03 , ADC, tag: UxV 2*thr
d01QC03
Entries 144
Mean 28.64
RMS 22.97
Integral 144
χ² / ndf 15.59 / 19
ampl-G 8.311± 4.104
const-L 71.27 ± 9.56
MPV-L 20.24 ± 2.11
sig-L 7.775 ± 1.109
ADC-ped

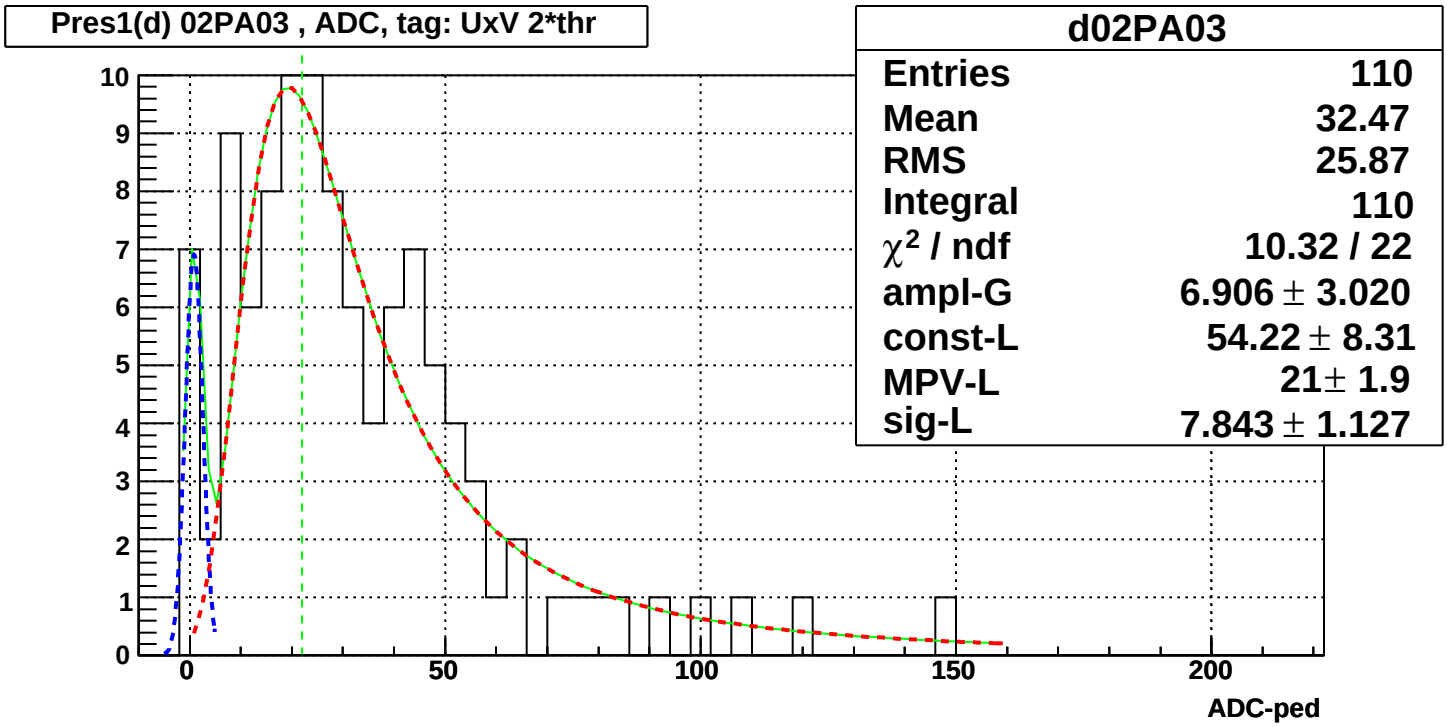

Pres2(a) 01QD03 , inclusive ADC
a01QD03
Entries 504000
Mean 1.477
RMS 9.561
Integral 5.035e+05
χ² / ndf 188 / 2
Constant 1.82e+06 ± 38546
Mean 0.5734 ± 0.0006
Sigma 0.04548 ± 0.00037
ADC-ped

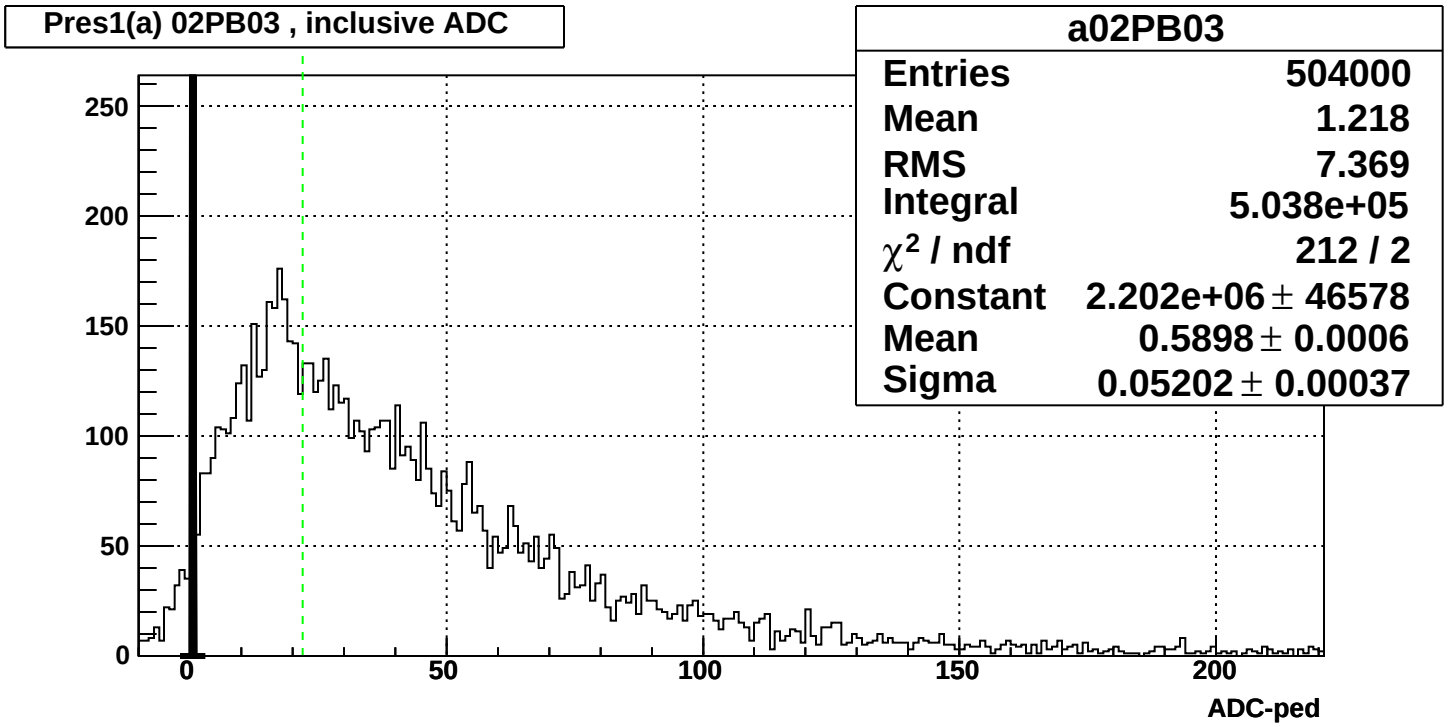

Pres2(d) 01QD03 , ADC, tag: UxV 2*thr
d01QD03
Entries 150
Mean 32.16
RMS 25.15
Integral 150
χ² / ndf 22.11 / 20
ampl-G 10.42 ± 2.95
const-L 75.88 ± 11.89
MPV-L 22.28 ± 1.81
sig-L 7.116 ± 1.152
ADC-ped

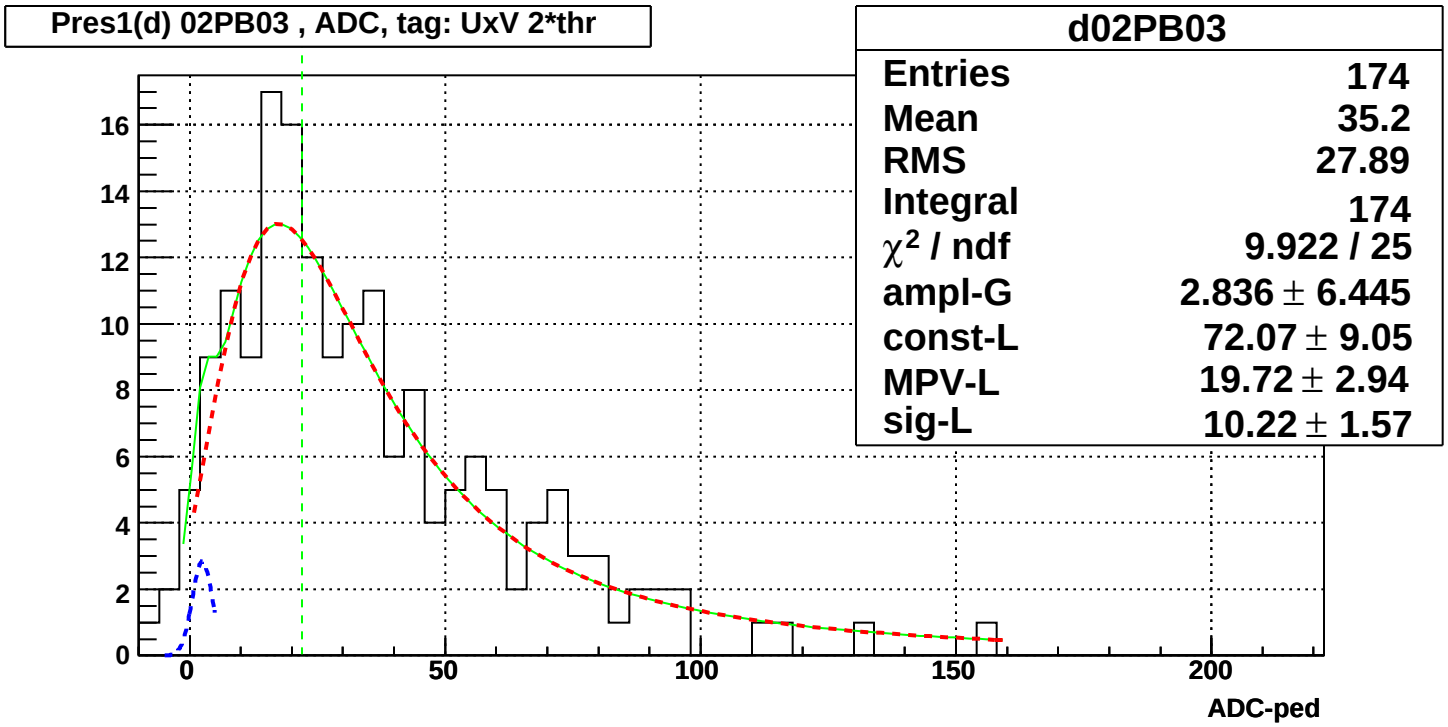

Pres2(a) 01QE03 , inclusive ADC
a01QE03
Entries 504000
Mean 1.473
RMS 9.548
Integral 5.035e+05
χ² / ndf 201 / 2
Constant 1.939e+06 ± 41062
Mean 0.5727 ± 0.0006
Sigma 0.04397 ± 0.00034
ADC-ped

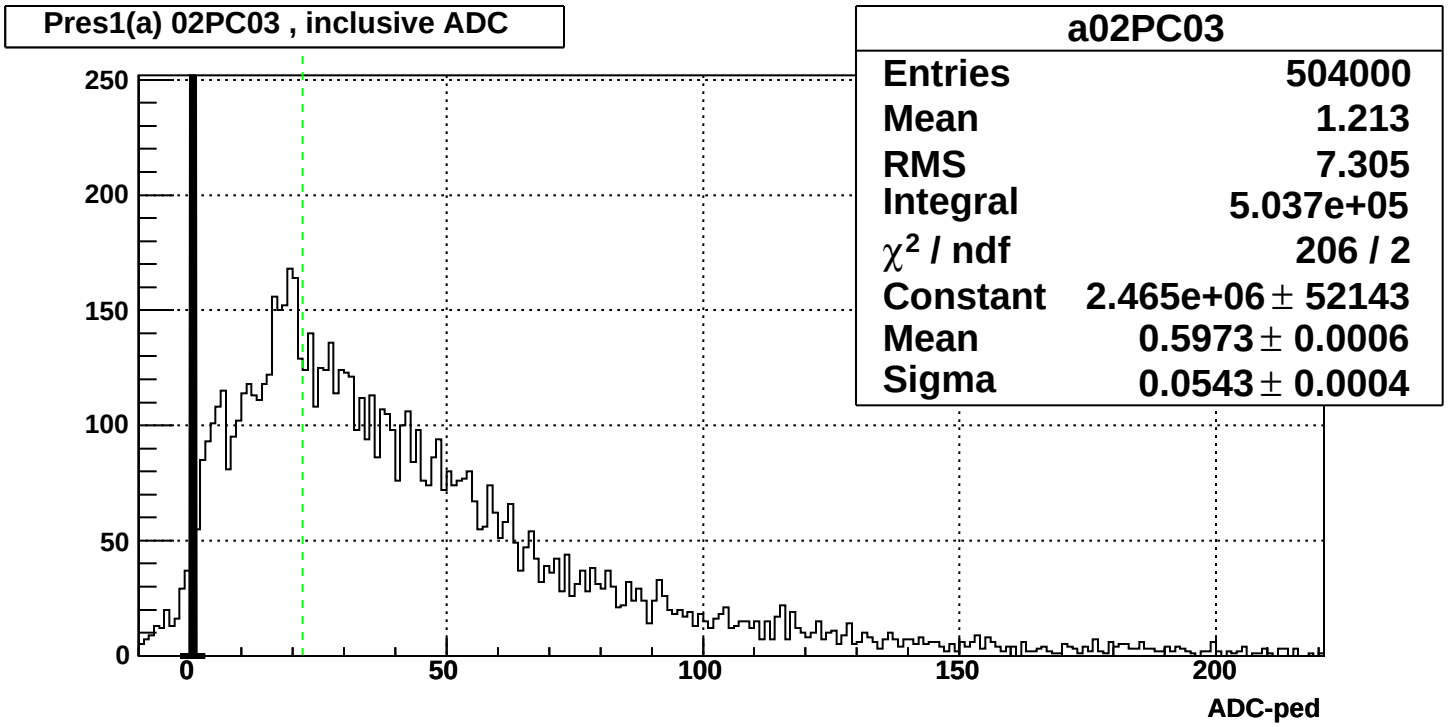

Pres2(d) 01QE03 , ADC, tag: UxV 2*thr
d01QE03
Entries 125
Mean 32.84
RMS 22.98
Integral 124
χ² / ndf 13.96 / 19
ampl-G 5.126 ± 3.609
const-L 48.39 ± 7.18
MPV-L 23.48 ± 2.71
sig-L 10.29 ± 1.76
ADC-ped

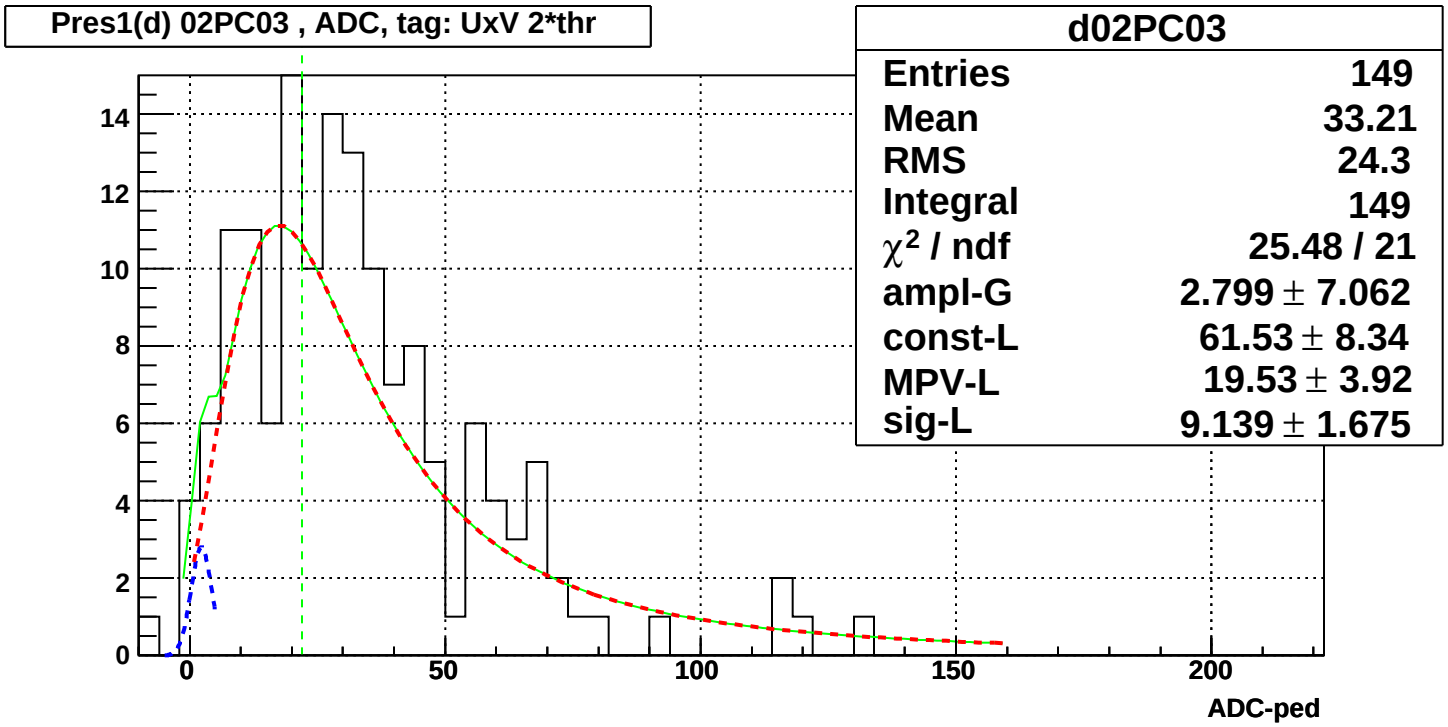

Pres1(a) 02PA03 , inclusive ADC
a02PA03
Entries 504000
Mean 1.27
RMS 7.732
Integral 5.037e+05
χ² / ndf 189 / 2
Constant 2.158e+06 ± 45664
Mean 0.5893 ± 0.0006
Sigma 0.05203 ± 0.00037
ADC-ped

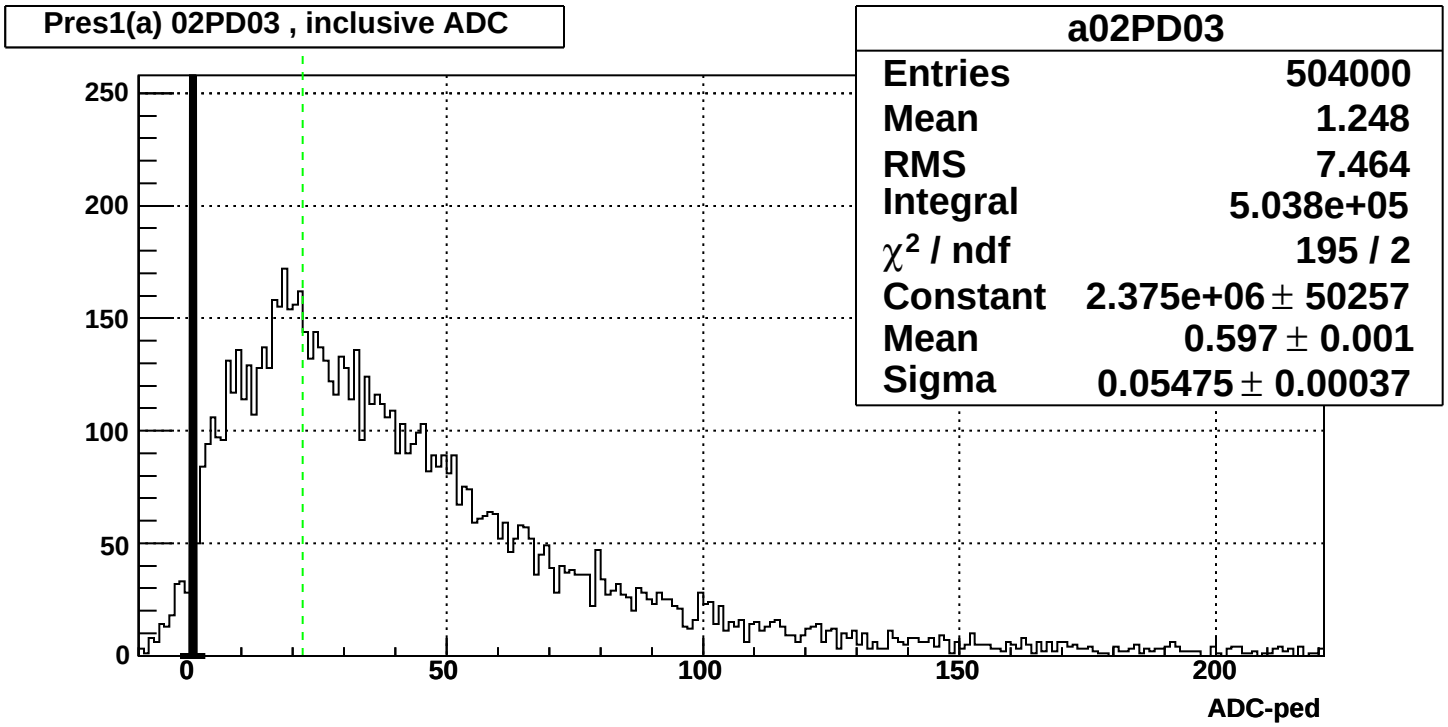

Pres1(d) 02PA03 , ADC, tag: UxV 2*thr
d02PA03
Entries 110
Mean 32.47
RMS 25.87
Integral 110
χ² / ndf 10.32 / 22
ampl-G 6.906 ± 3.020
const-L 54.22 ± 8.31
MPV-L 21± 1.9
sig-L 7.843 ± 1.127
ADC-ped

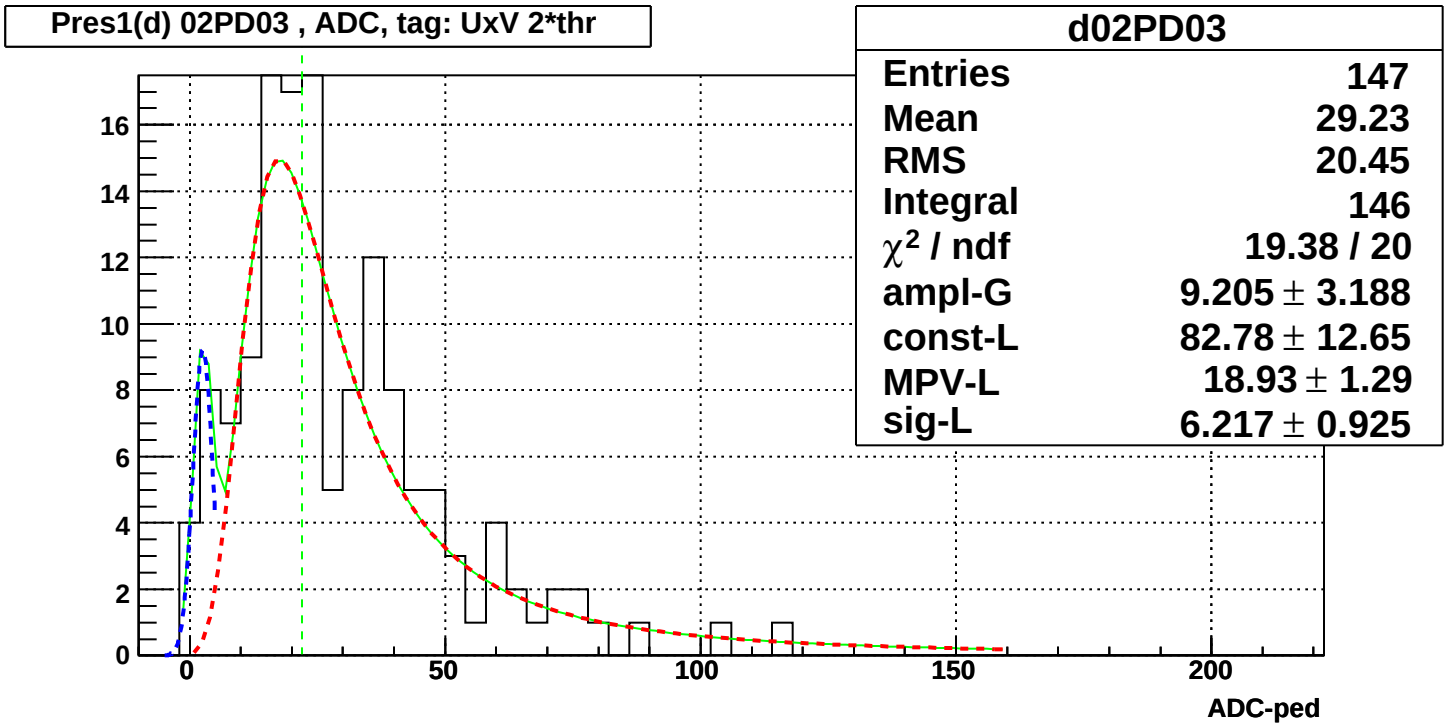

Pres1(a) 02PB03 , inclusive ADC
a02PB03
Entries 504000
Mean 1.218
RMS 7.369
Integral 5.038e+05
χ² / ndf 212 / 2
Constant 2.202e+06 ± 46578
Mean 0.5898 ± 0.0006
Sigma 0.05202 ± 0.00037
ADC-ped

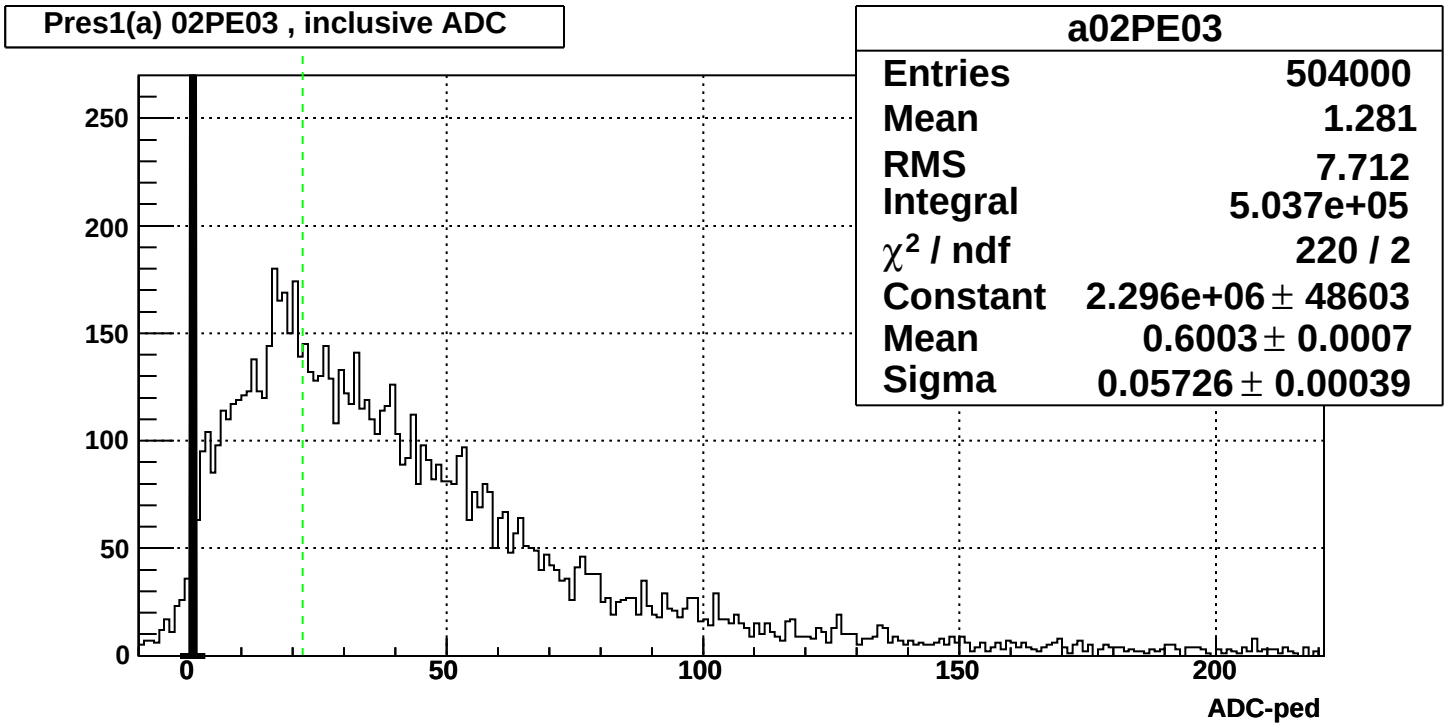

Pres1(d) 02PB03 , ADC, tag: UxV 2*thr
d02PB03
Entries 174
Mean 35.2
RMS 27.89
Integral 174
χ² / ndf 9.922 / 25
ampl-G 2.836 ± 6.445
const-L 72.07 ± 9.05
MPV-L 19.72 ± 2.94
sig-L 10.22 ± 1.57
ADC-ped

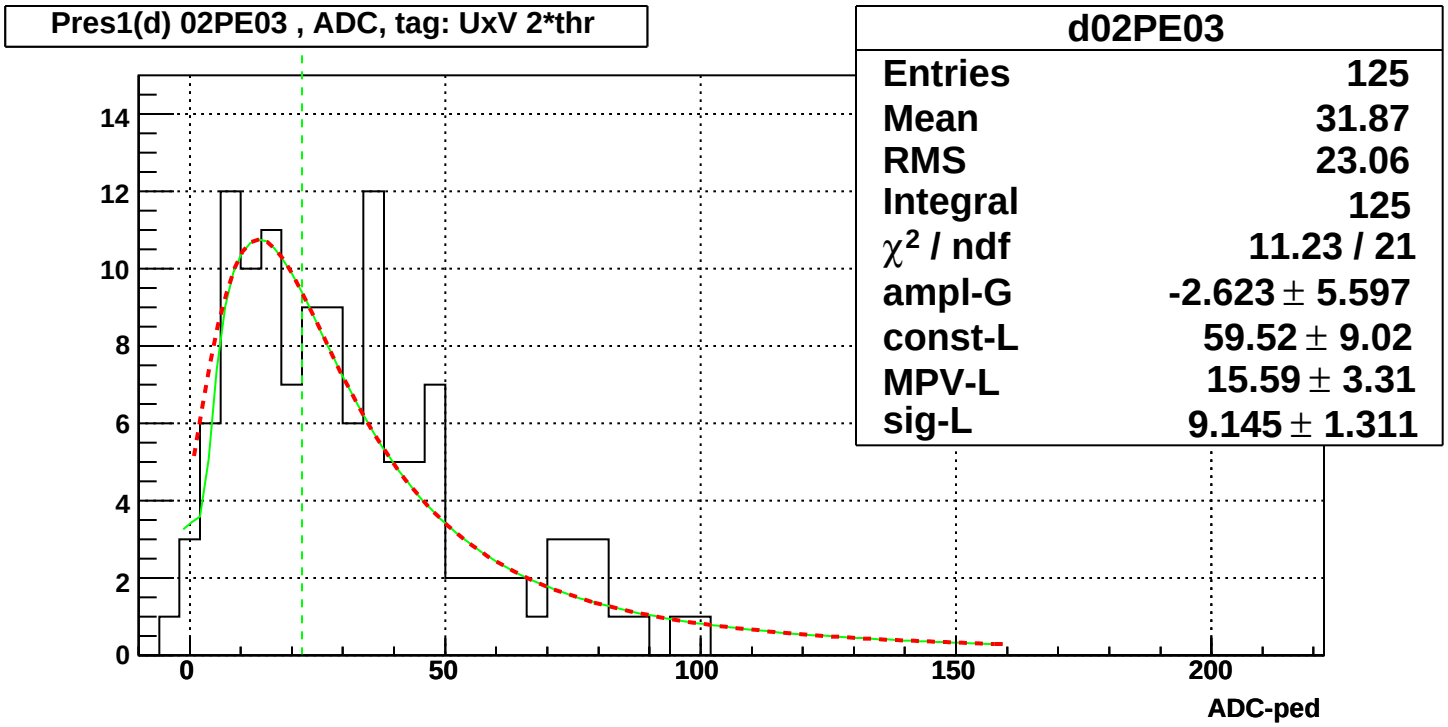

Pres1(a) 02PC03 , inclusive ADC
a02PC03
Entries 504000
Mean 1.213
RMS 7.305
Integral 5.037e+05
χ² / ndf 206 / 2
Constant 2.465e+06 ± 52143
Mean 0.5973 ± 0.0006
Sigma 0.0543 ± 0.0004
ADC-ped

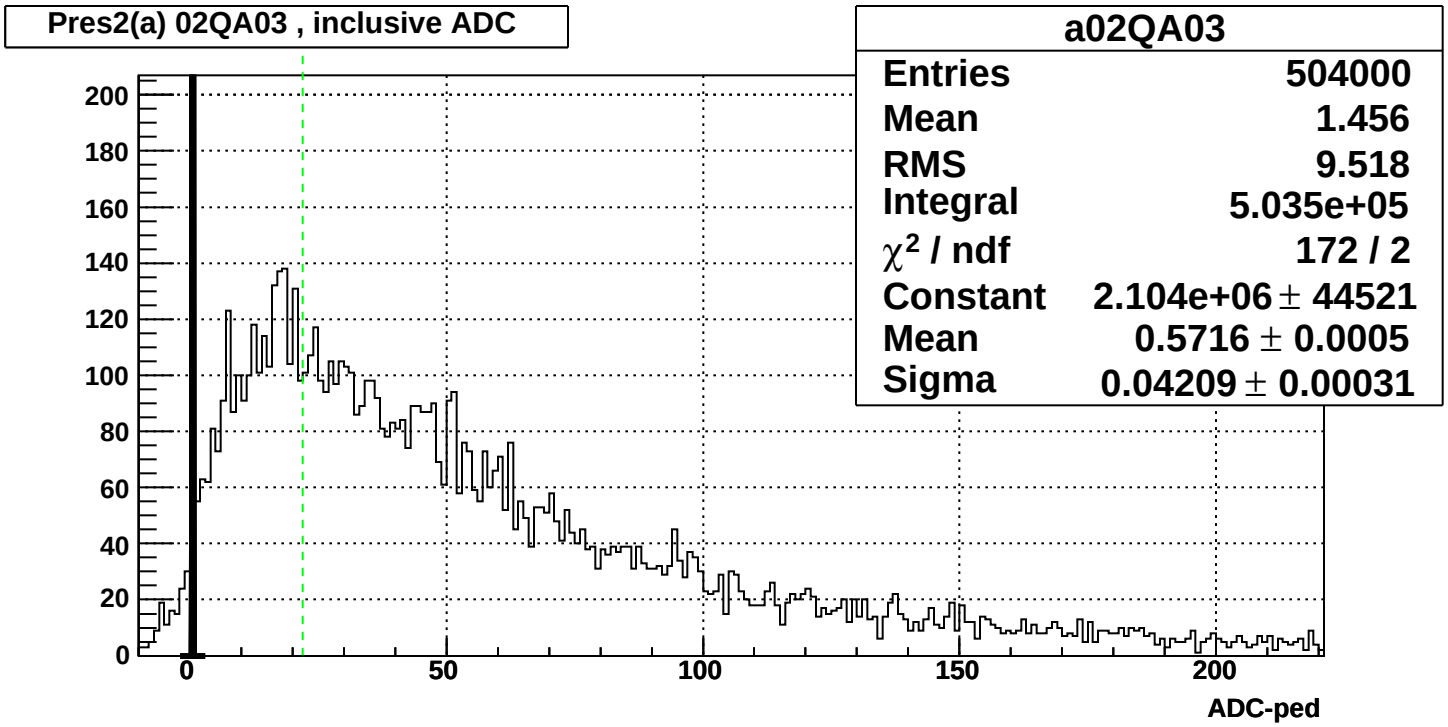

Pres1(d) 02PC03 , ADC, tag: UxV 2*thr
d02PC03
Entries 149
Mean 33.21
RMS 24.3
Integral 149
χ² / ndf 25.48 / 21
ampl-G 2.799 ± 7.062
const-L 61.53 ± 8.34
MPV-L 19.53 ± 3.92
sig-L 9.139 ± 1.675
ADC-ped

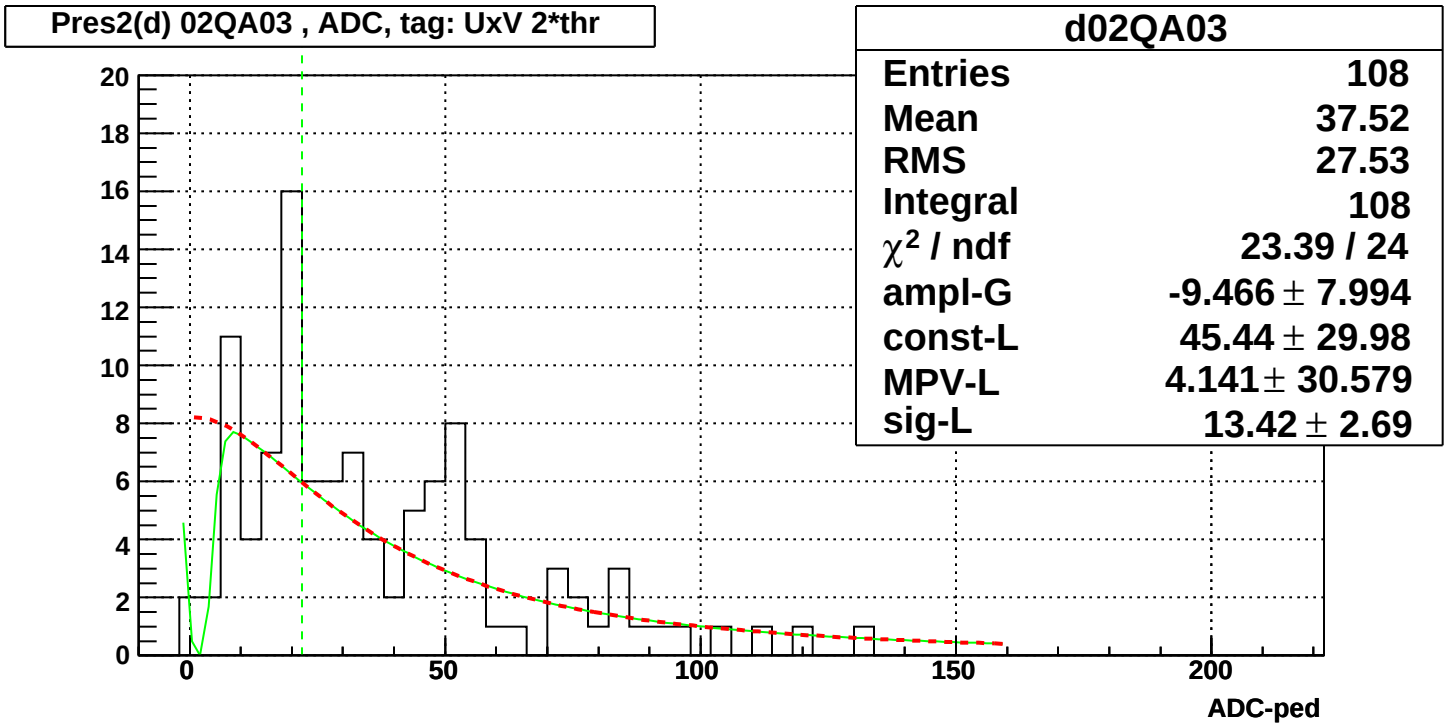

Pres1(a) 02PD03 , inclusive ADC
a02PD03
Entries 504000
Mean 1.248
RMS 7.464
Integral 5.038e+05
χ² / ndf 195 / 2
Constant 2.375e+06 ± 50257
Mean 0.597 ± 0.001
Sigma 0.05475 ± 0.00037
ADC-ped

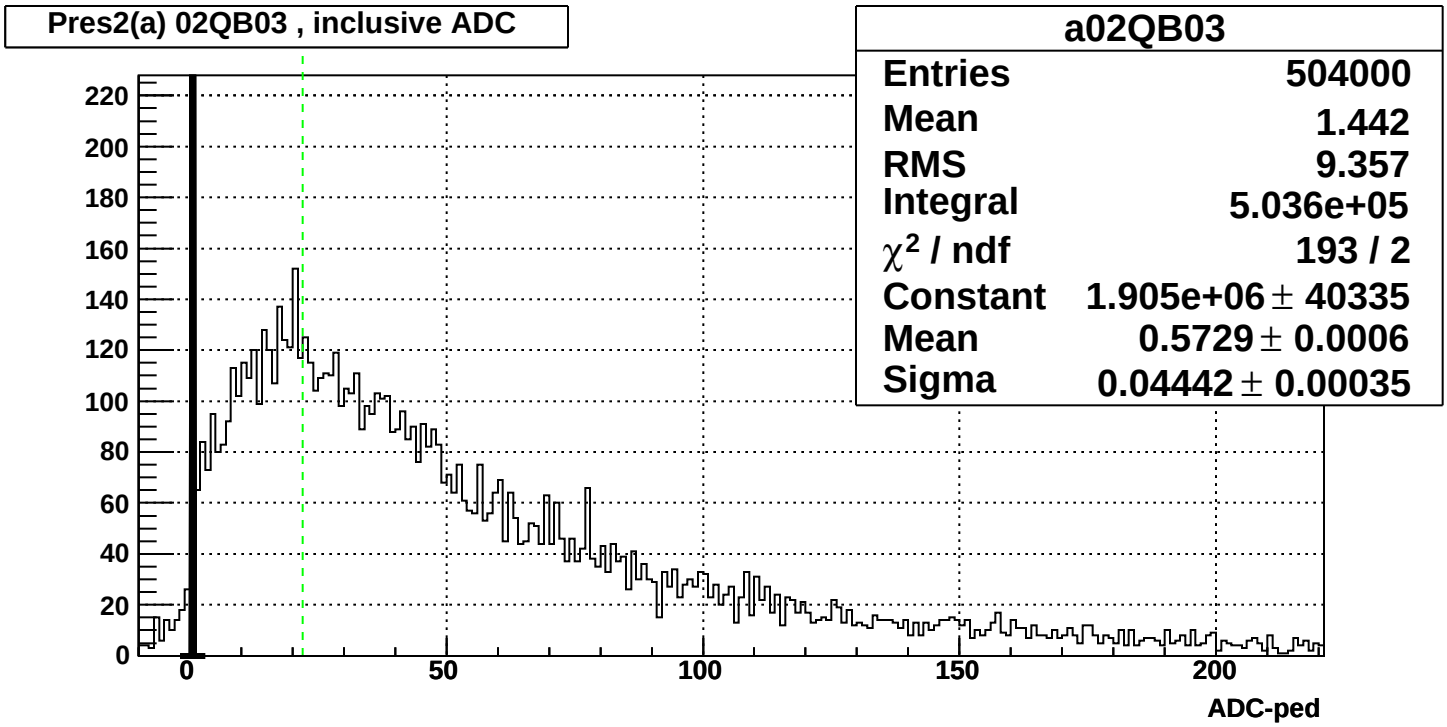

Pres1(d) 02PD03 , ADC, tag: UxV 2*thr
d02PD03
Entries 147
Mean 29.23
RMS 20.45
Integral 146
χ² / ndf 19.38 / 20
ampl-G 9.205 ± 3.188
const-L 82.78 ± 12.65
MPV-L 18.93 ± 1.29
sig-L 6.217 ± 0.925
ADC-ped

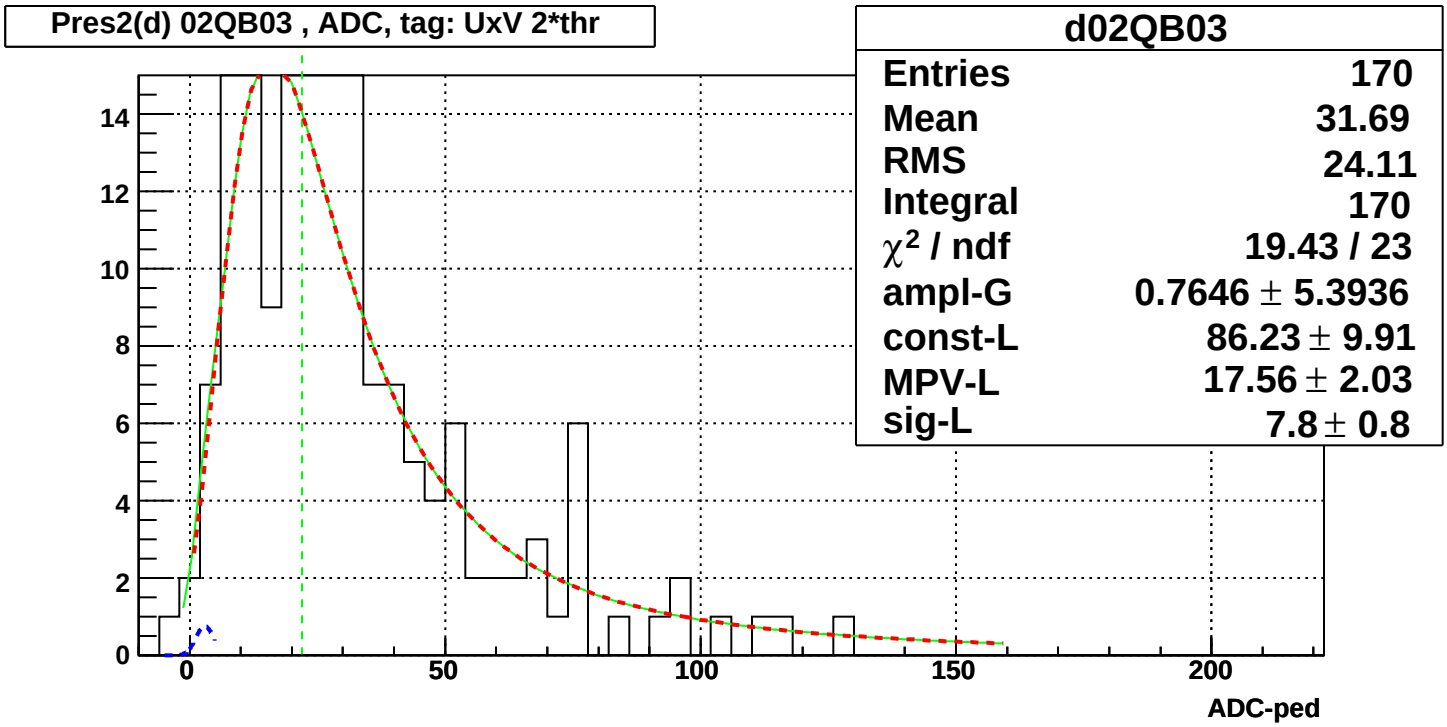

Pres1(a) 02PE03 , inclusive ADC
a02PE03
Entries 504000
Mean 1.281
RMS 7.712
Integral 5.037e+05
χ² / ndf 220 / 2
Constant 2.296e+06 ± 48603
Mean 0.6003 ± 0.0007
Sigma 0.05726 ± 0.00039
ADC-ped

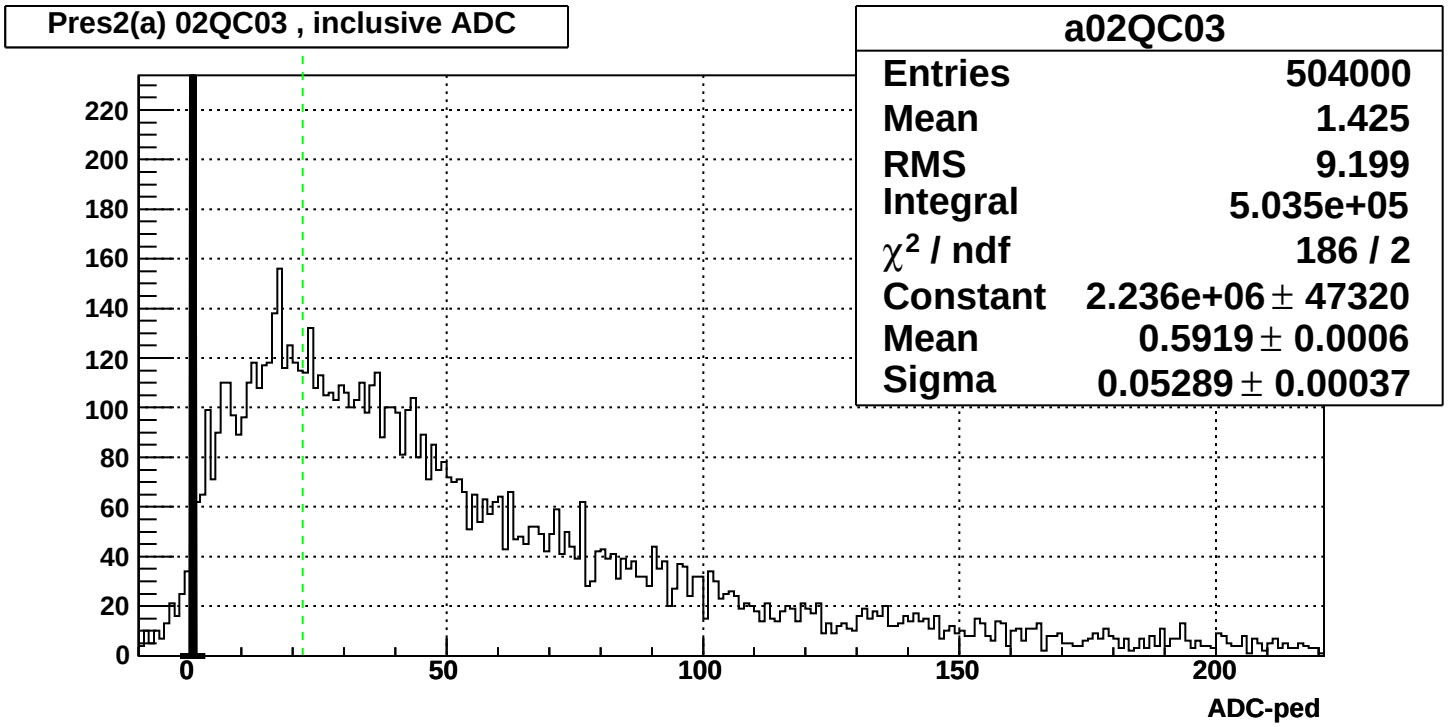

Pres1(d) 02PE03 , ADC, tag: UxV 2*thr
d02PE03
Entries 125
Mean 31.87
RMS 23.06
Integral 125
χ² / ndf 11.23 / 21
ampl-G -2.623 ± 5.597
const-L 59.52 ± 9.02
MPV-L 15.59 ± 3.31
sig-L 9.145 ± 1.311
ADC-ped

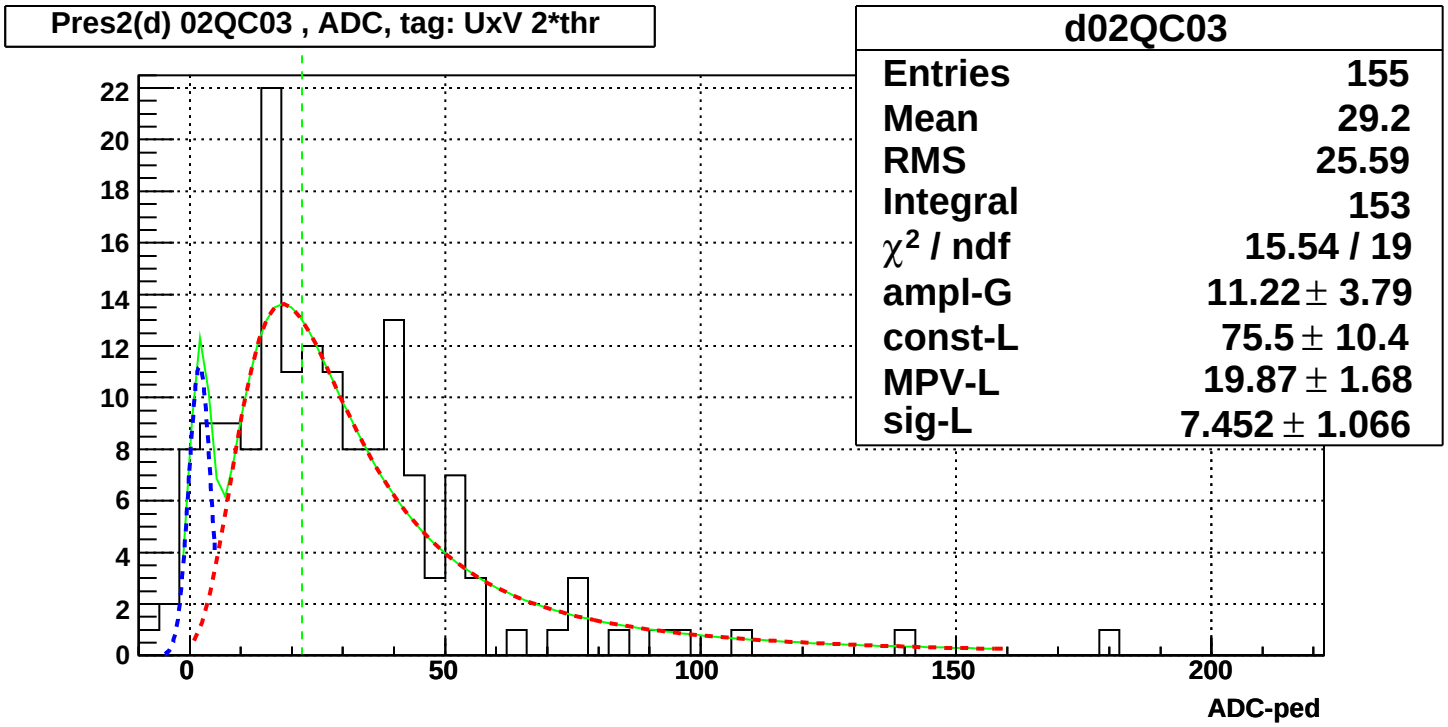

Pres2(a) 02QA03 , inclusive ADC
a02QA03
Entries 504000
Mean 1.456
RMS 9.518
Integral 5.035e+05
χ² / ndf 172 / 2
Constant 2.104e+06 ± 44521
Mean 0.5716 ± 0.0005
Sigma 0.04209 ± 0.00031
ADC-ped

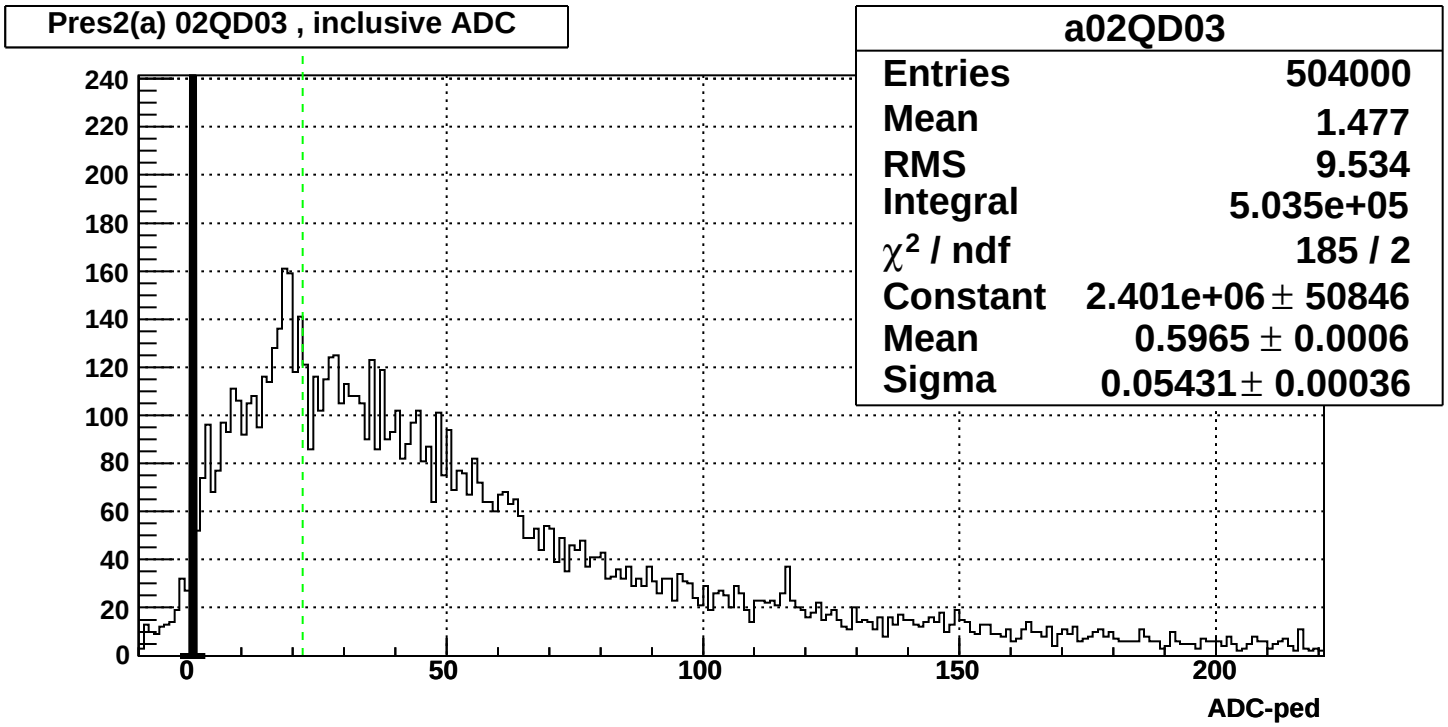

Pres2(d) 02QA03 , ADC, tag: UxV 2*thr
d02QA03
Entries 108
Mean 37.52
RMS 27.53
Integral 108
χ² / ndf 23.39 / 24
ampl-G -9.466 ± 7.994
const-L 45.44 ± 29.98
MPV-L 4.141 ± 30.579
sig-L 13.42 ± 2.69
ADC-ped

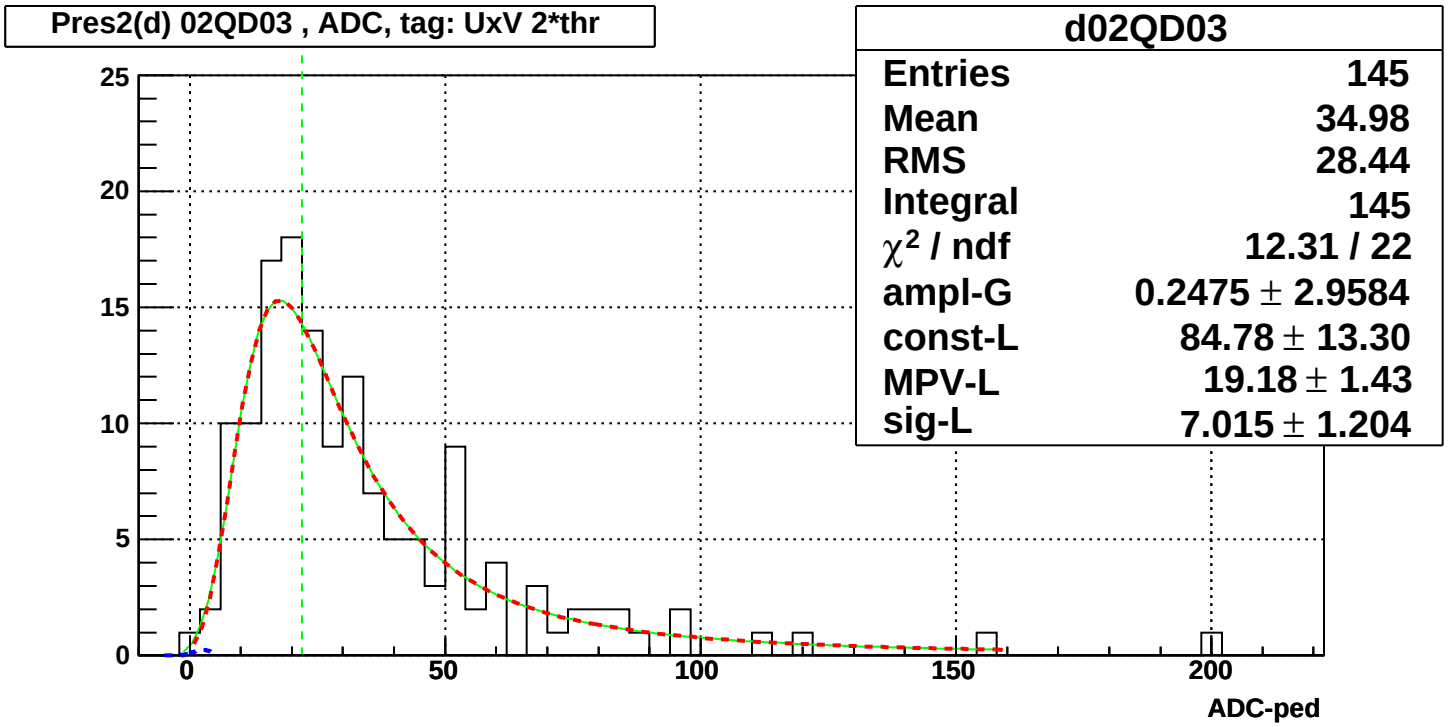

Pres2(a) 02QB03 , inclusive ADC
a02QB03
Entries 504000
Mean 1.442
RMS 9.357
Integral 5.036e+05
χ² / ndf 193 / 2
Constant 1.905e+06 ± 40335
Mean 0.5729 ± 0.0006
Sigma 0.04442 ± 0.00035
ADC-ped

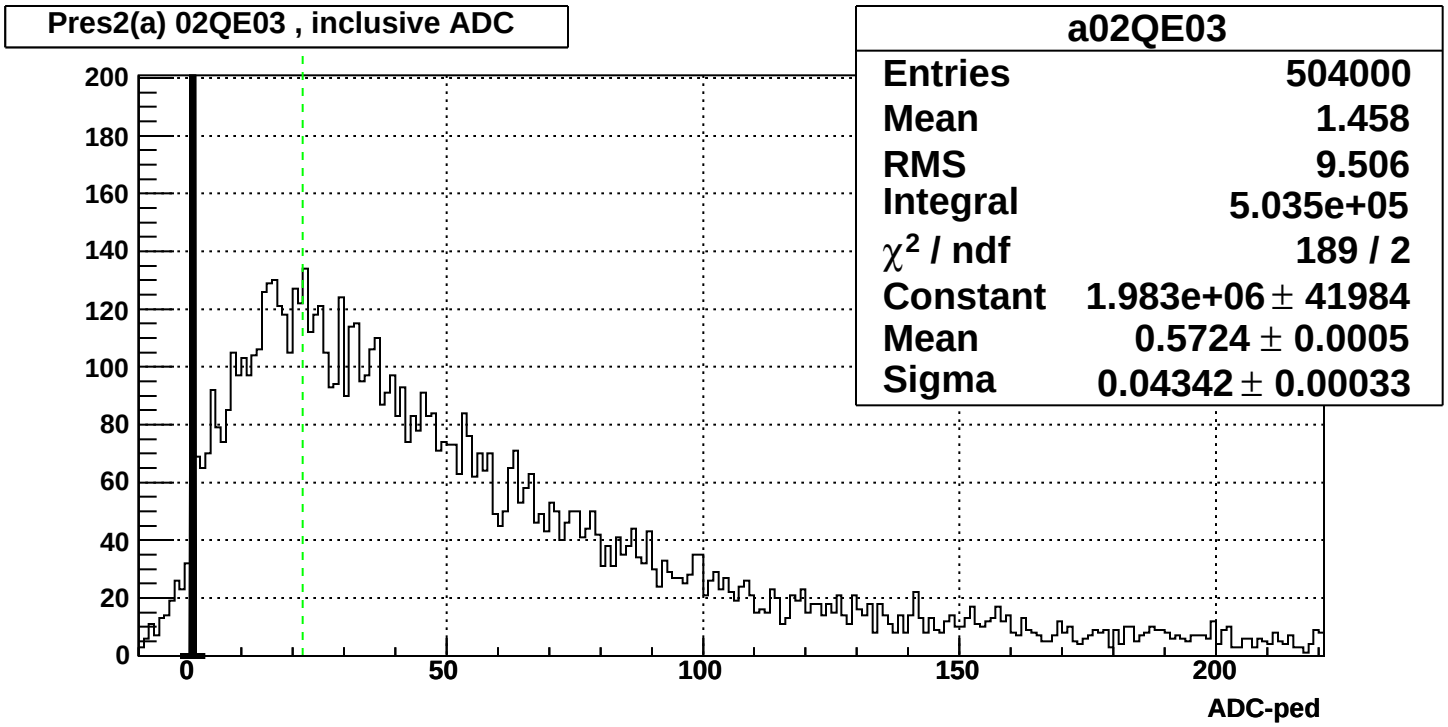

Pres2(d) 02QB03 , ADC, tag: UxV 2*thr
d02QB03
Entries 170
Mean 31.69
RMS 24.11
Integral 170
χ² / ndf 19.43 / 23
ampl-G 0.7646 ± 5.3936
const-L 86.23 ± 9.91
MPV-L 17.56 ± 2.03
sig-L 7.8 ± 0.8
ADC-ped

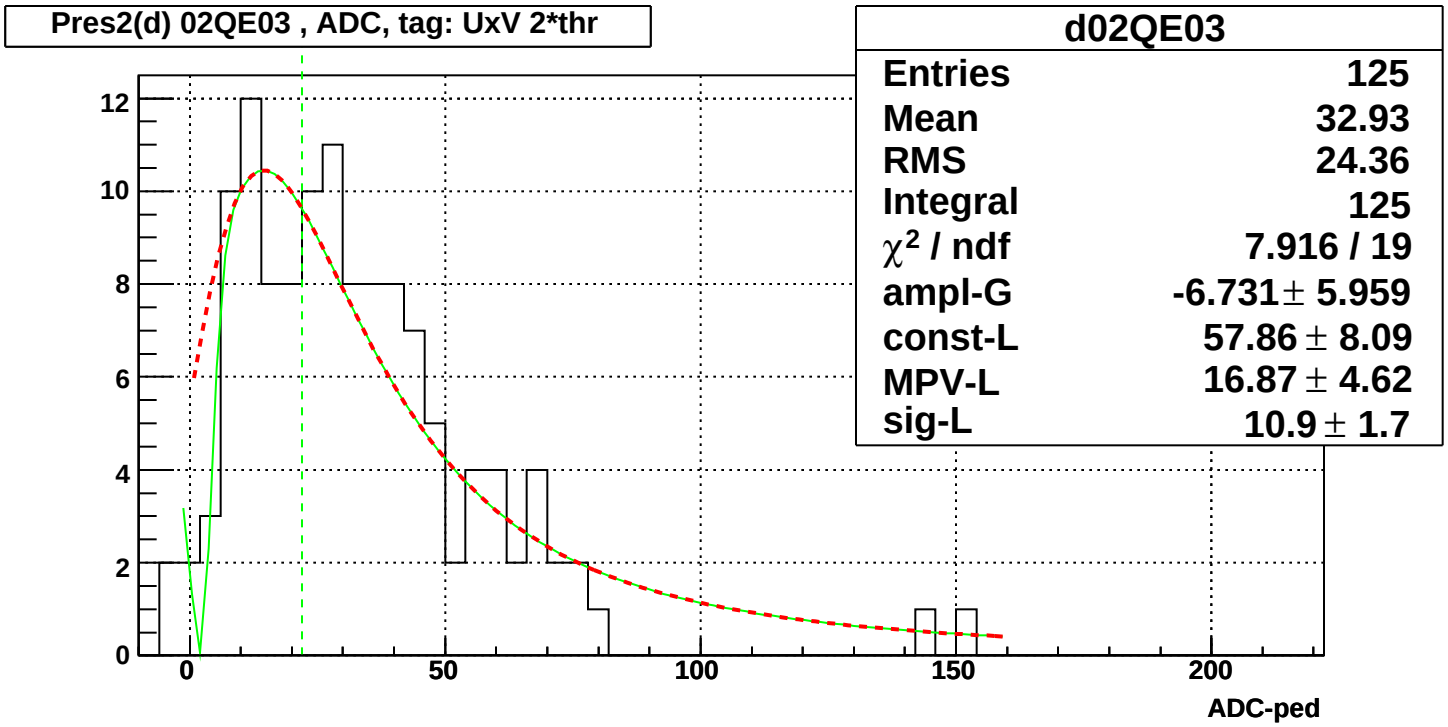

Pres2(a) 02QC03 , inclusive ADC
a02QC03
Entries 504000
Mean 1.425
RMS 9.199
Integral 5.035e+05
χ² / ndf 186 / 2
Constant 2.236e+06 ± 47320
Mean 0.5919 ± 0.0006
Sigma 0.05289 ± 0.00037
ADC-ped

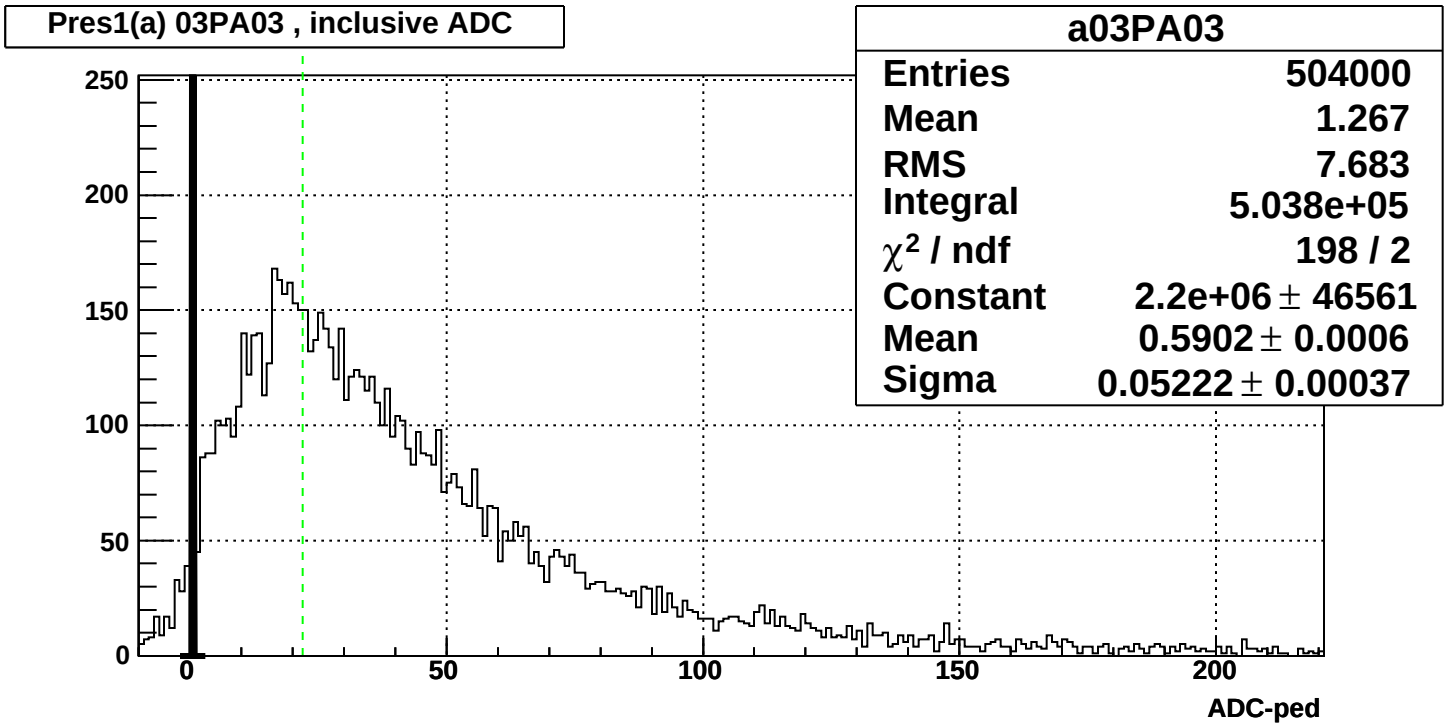

Pres2(d) 02QC03 , ADC, tag: UxV 2*thr
d02QC03
Entries 155
Mean 29.2
RMS 25.59
Integral 153
χ² / ndf 15.54 / 19
ampl-G 11.22 ± 3.79
const-L 75.5 ± 10.4
MPV-L 19.87 ± 1.68
sig-L 7.452 ± 1.066
ADC-ped

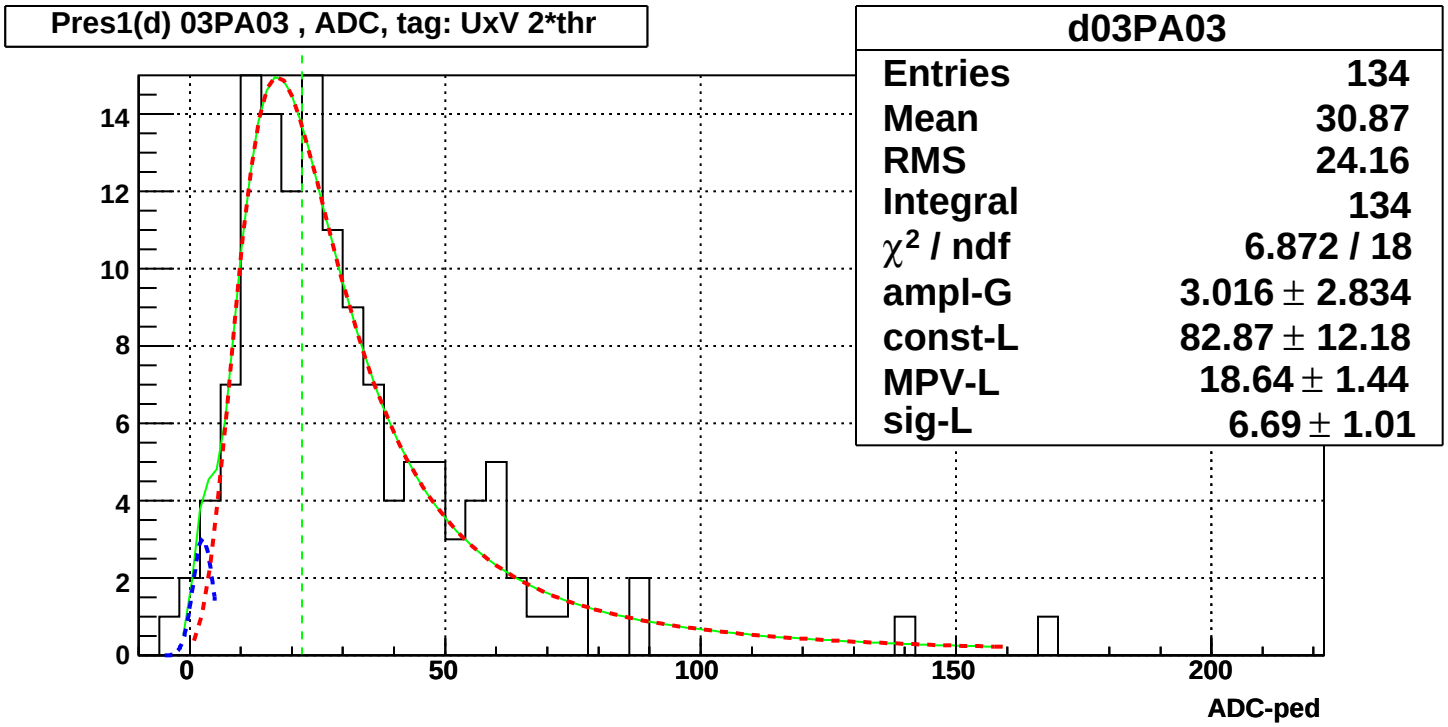

Pres2(a) 02QD03 , inclusive ADC
a02QD03
Entries 504000
Mean 1.477
RMS 9.534
Integral 5.035e+05
χ² / ndf 185 / 2
Constant 2.401e+06 ± 50846
Mean 0.5965 ± 0.0006
Sigma 0.05431 ± 0.00036
ADC-ped

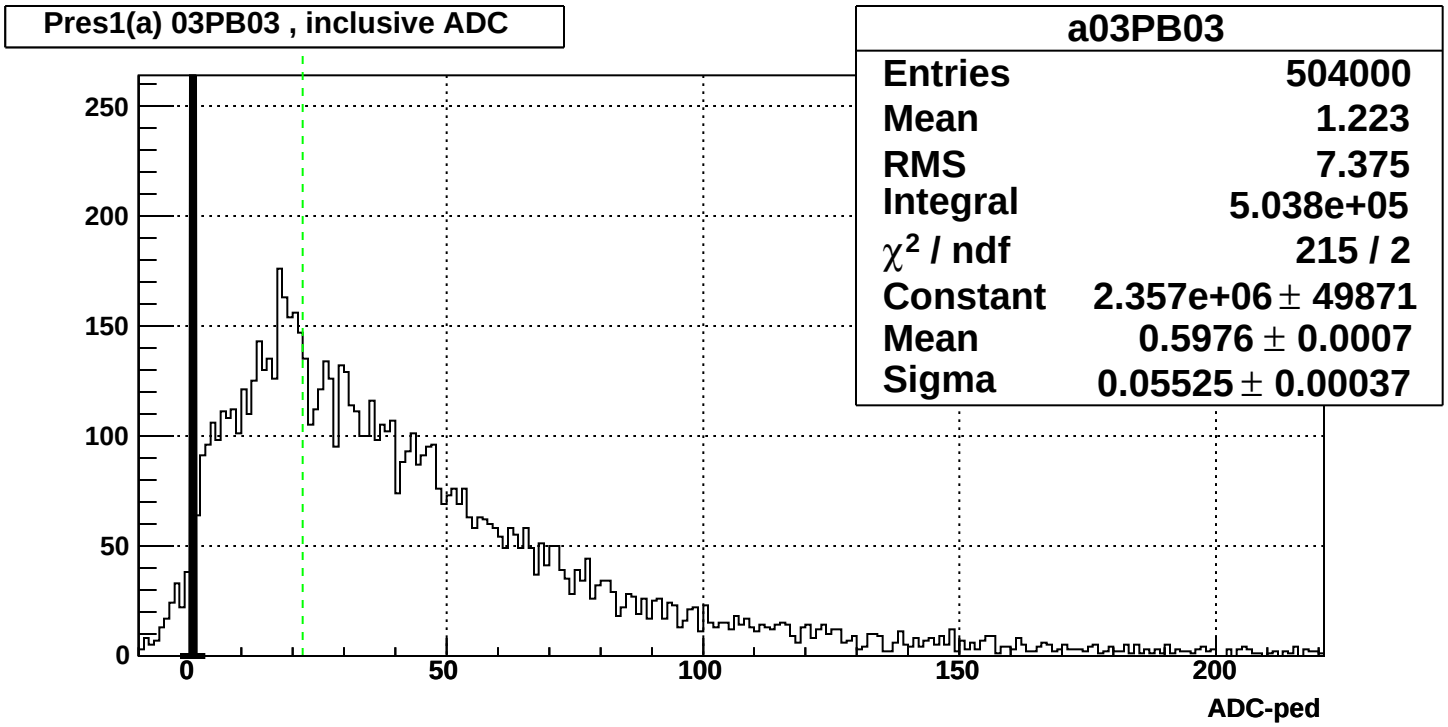

Pres2(d) 02QD03 , ADC, tag: UxV 2*thr
d02QD03
Entries 145
Mean 34.98
RMS 28.44
Integral 145
χ² / ndf 12.31 / 22
ampl-G 0.2475 ± 2.9584
const-L 84.78 ± 13.30
MPV-L 19.18 ± 1.43
sig-L 7.015 ± 1.204
ADC-ped

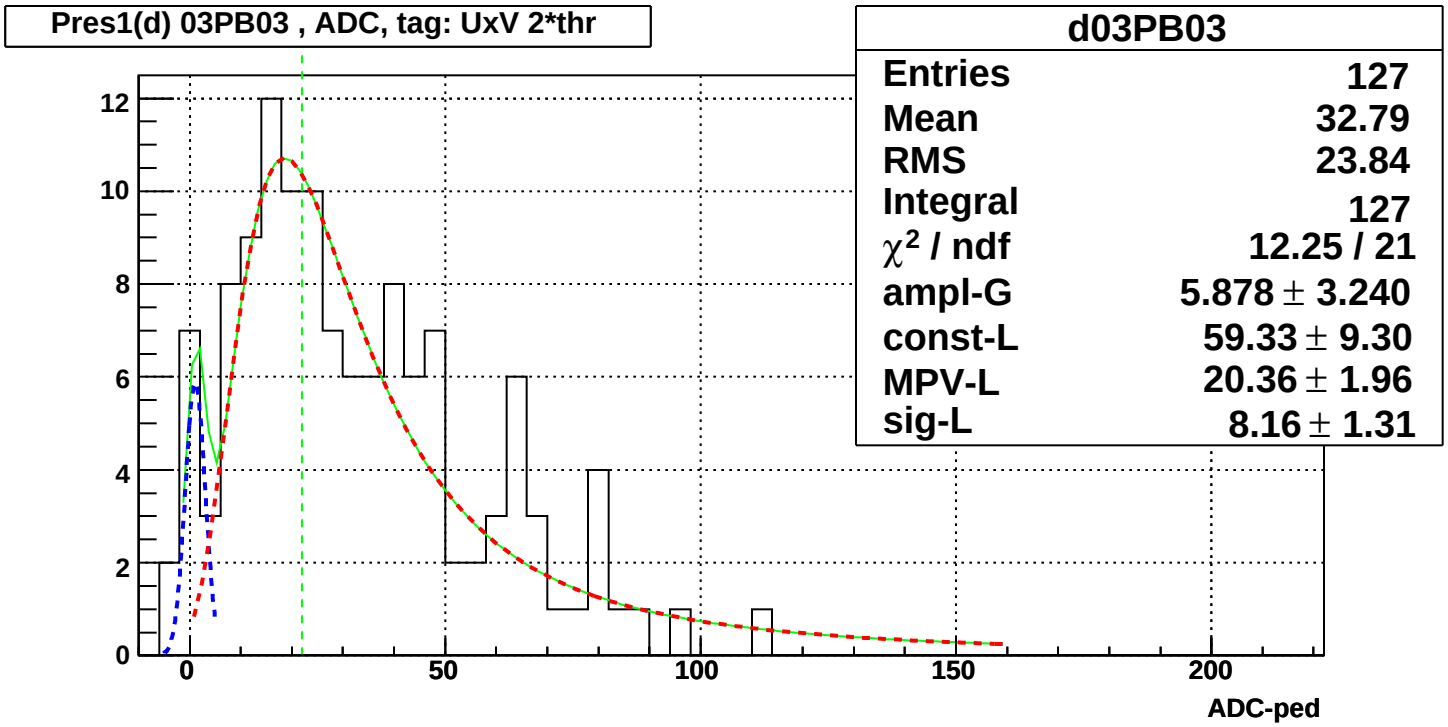

Pres2(a) 02QE03 , inclusive ADC
a02QE03
Entries 504000
Mean 1.458
RMS 9.506
Integral 5.035e+05
χ² / ndf 189 / 2
Constant 1.983e+06 ± 41984
Mean 0.5724 ± 0.0005
Sigma 0.04342 ± 0.00033
ADC-ped

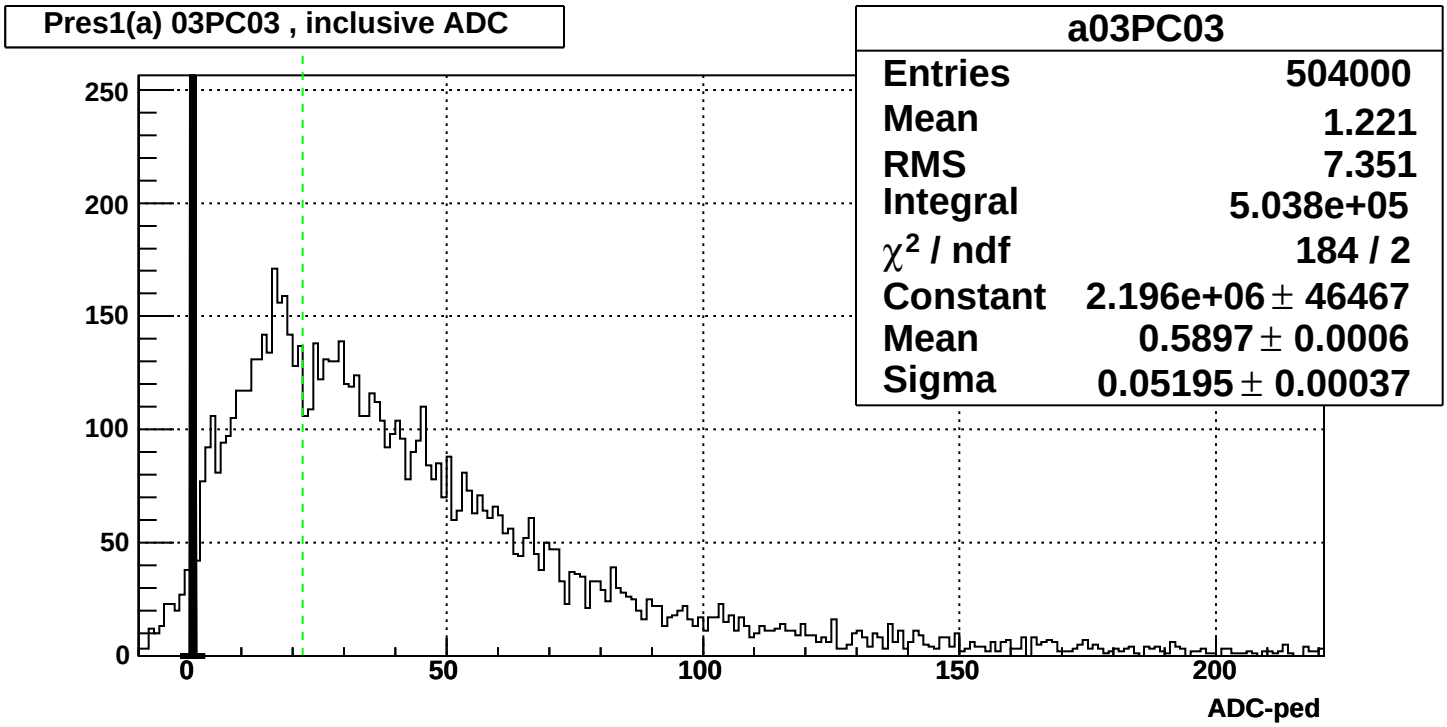

Pres2(d) 02QE03 , ADC, tag: UxV 2*thr
d02QE03
Entries 125
Mean 32.93
RMS 24.36
Integral 125
χ² / ndf 7.916 / 19
ampl-G -6.731 ± 5.959
const-L 57.86 ± 8.09
MPV-L 16.87 ± 4.62
sig-L 10.9 ± 1.7
ADC-ped

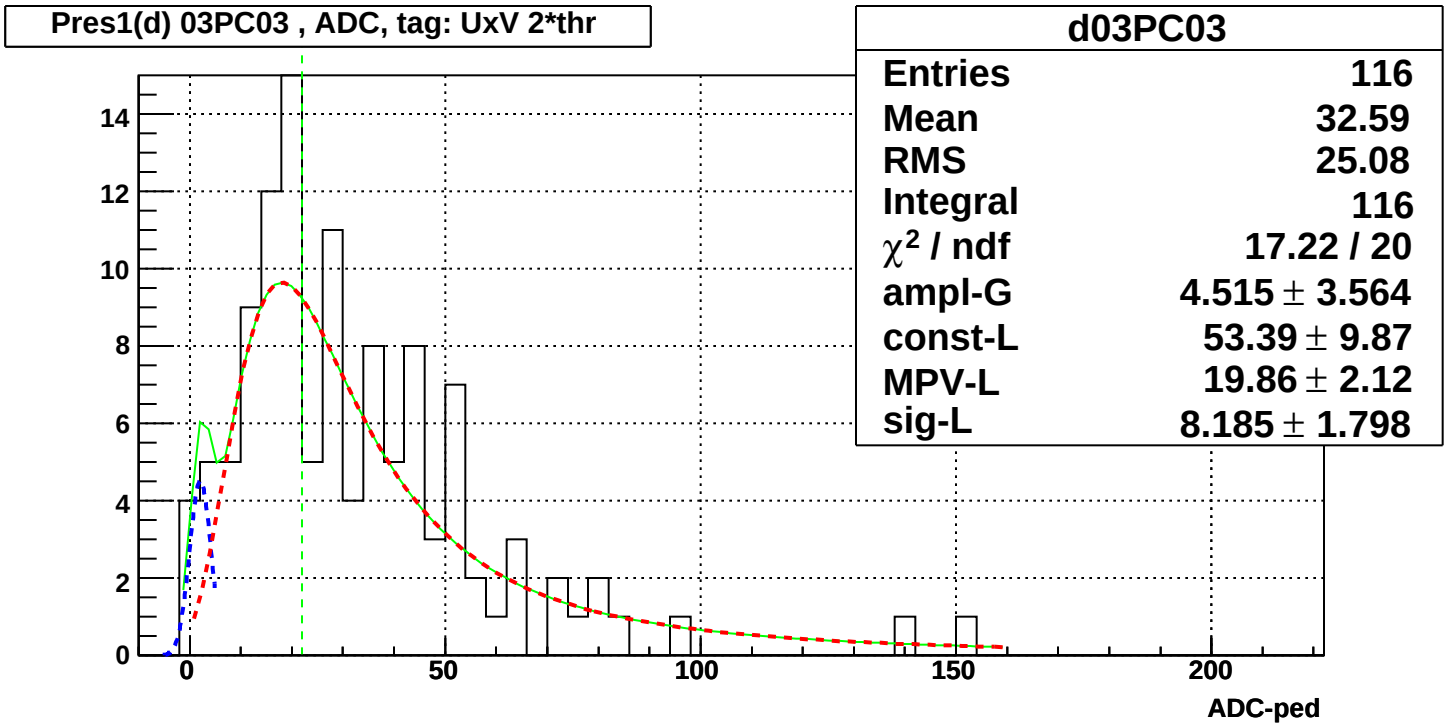

Pres1(a) 03PA03 , inclusive ADC
a03PA03
Entries 504000
Mean 1.267
RMS 7.683
Integral 5.038e+05
χ² / ndf 198 / 2
Constant 2.2e+06 ± 46561
Mean 0.5902 ± 0.0006
Sigma 0.05222 ± 0.00037
ADC-ped

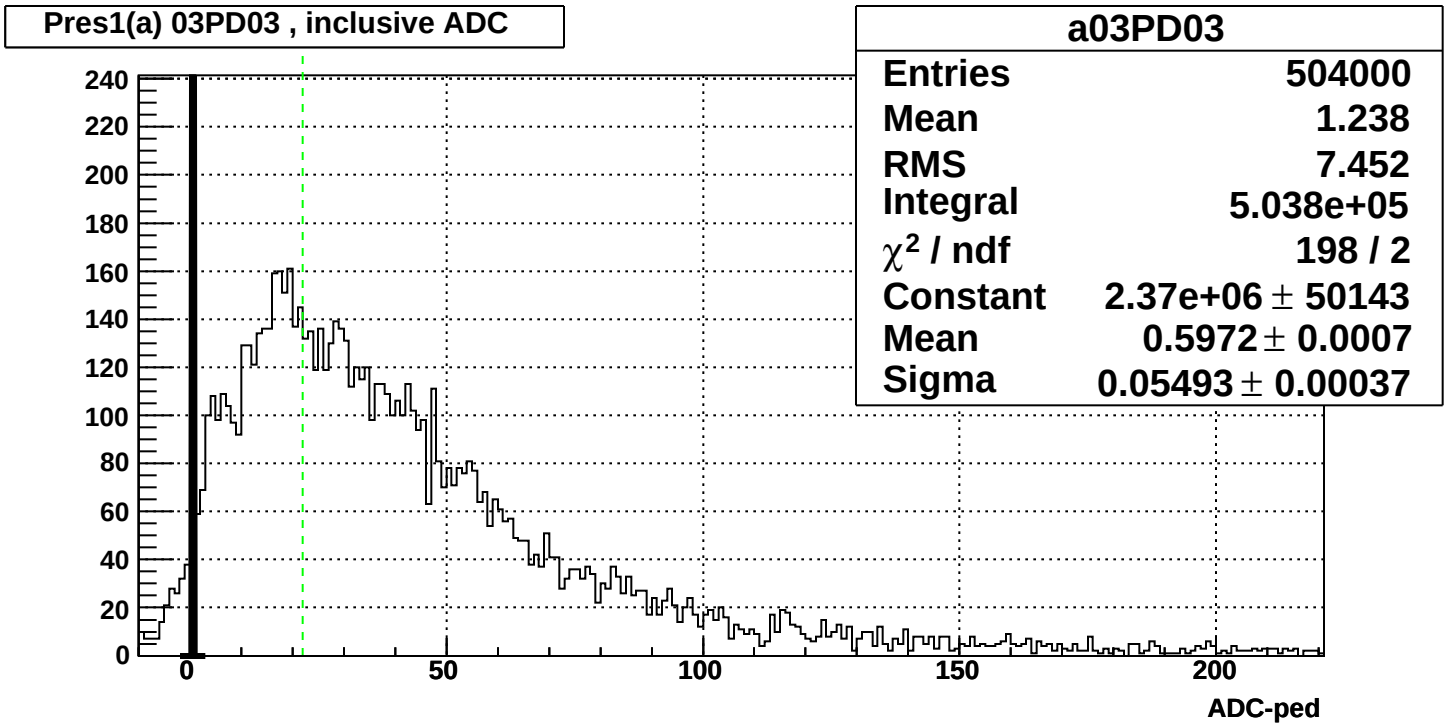

Pres1(d) 03PA03 , ADC, tag: UxV 2*thr
d03PA03
Entries 134
Mean 30.87
RMS 24.16
Integral 134
χ² / ndf 6.872 / 18
ampl-G 3.016 ± 2.834
const-L 82.87 ± 12.18
MPV-L 18.64 ± 1.44
sig-L 6.69 ± 1.01
ADC-ped

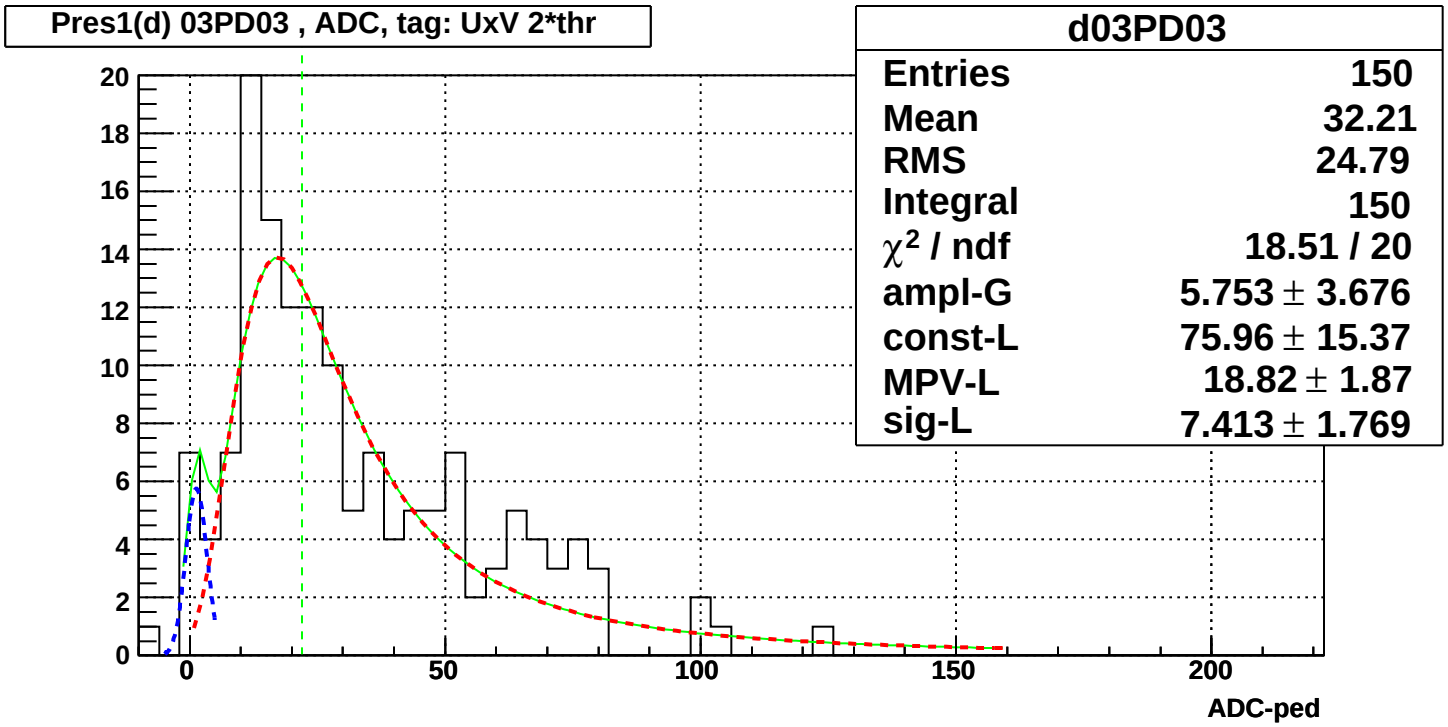

Pres1(a) 03PB03 , inclusive ADC
a03PB03
Entries 504000
Mean 1.223
RMS 7.375
Integral 5.038e+05
χ² / ndf 215 / 2
Constant 2.357e+06 ± 49871
Mean 0.5976 ± 0.0007
Sigma 0.05525 ± 0.00037
ADC-ped

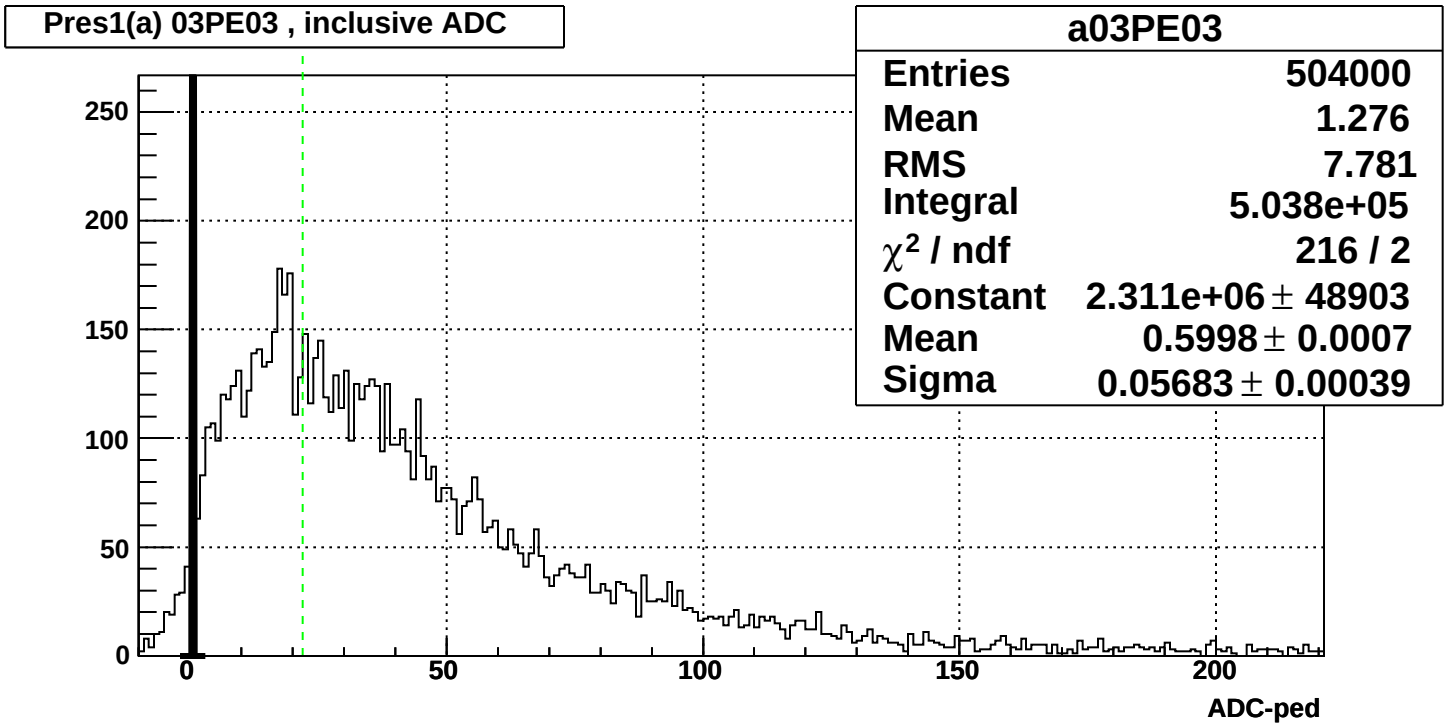

Pres1(d) 03PB03 , ADC, tag: UxV 2*thr
d03PB03
Entries 127
Mean 32.79
RMS 23.84
Integral 127
χ² / ndf 12.25 / 21
ampl-G 5.878 ± 3.240
const-L 59.33 ± 9.30
MPV-L 20.36 ± 1.96
sig-L 8.16 ± 1.31
ADC-ped

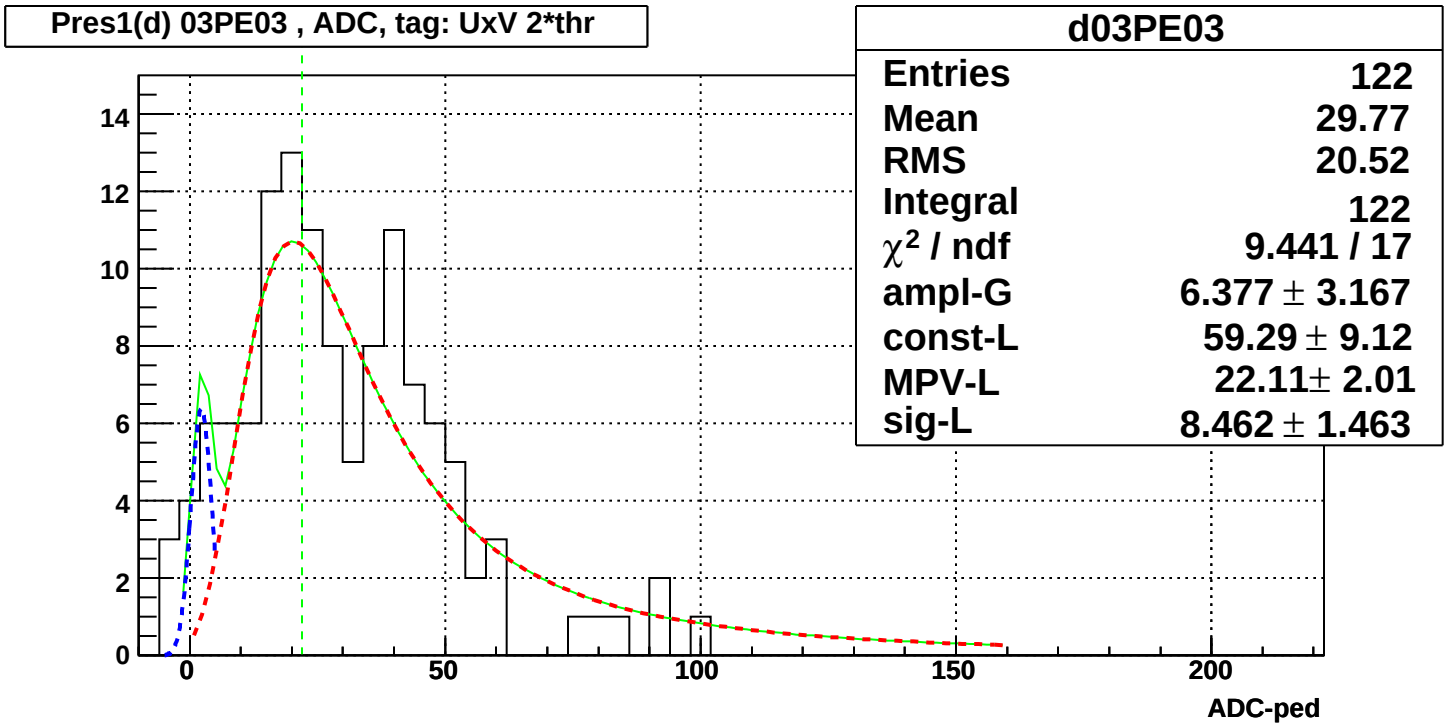

Pres1(a) 03PC03 , inclusive ADC
a03PC03
Entries 504000
Mean 1.221
RMS 7.351
Integral 5.038e+05
χ² / ndf 184 / 2
Constant 2.196e+06 ± 46467
Mean 0.5897 ± 0.0006
Sigma 0.05195 ± 0.00037
ADC-ped

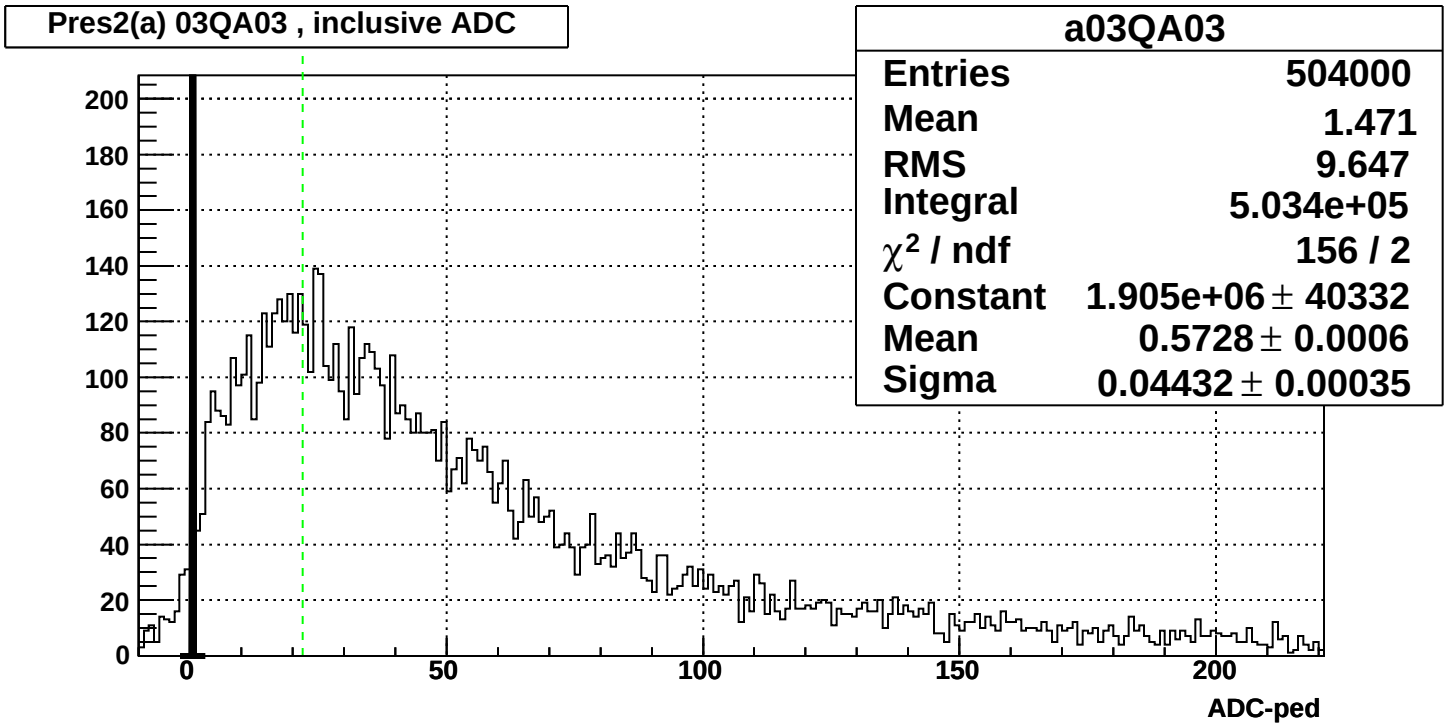

Pres1(d) 03PC03 , ADC, tag: UxV 2*thr
d03PC03
Entries 116
Mean 32.59
RMS 25.08
Integral 116
χ² / ndf 17.22 / 20
ampl-G 4.515 ± 3.564
const-L 53.39 ± 9.87
MPV-L 19.86 ± 2.12
sig-L 8.185 ± 1.798
ADC-ped

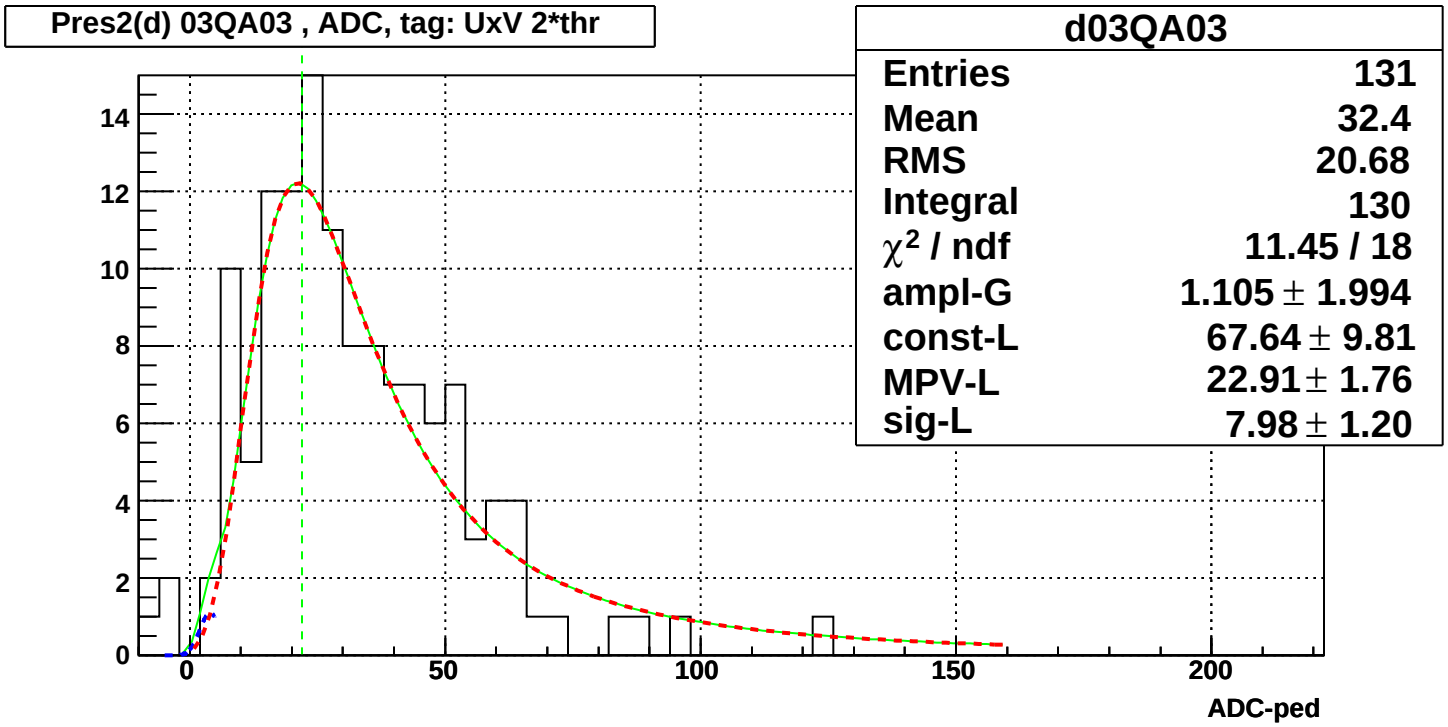

Pres1(a) 03PD03 , inclusive ADC
a03PD03
Entries 504000
Mean 1.238
RMS 7.452
Integral 5.038e+05
χ² / ndf 198 / 2
Constant 2.37e+06 ± 50143
Mean 0.5972 ± 0.0007
Sigma 0.05493 ± 0.00037
ADC-ped

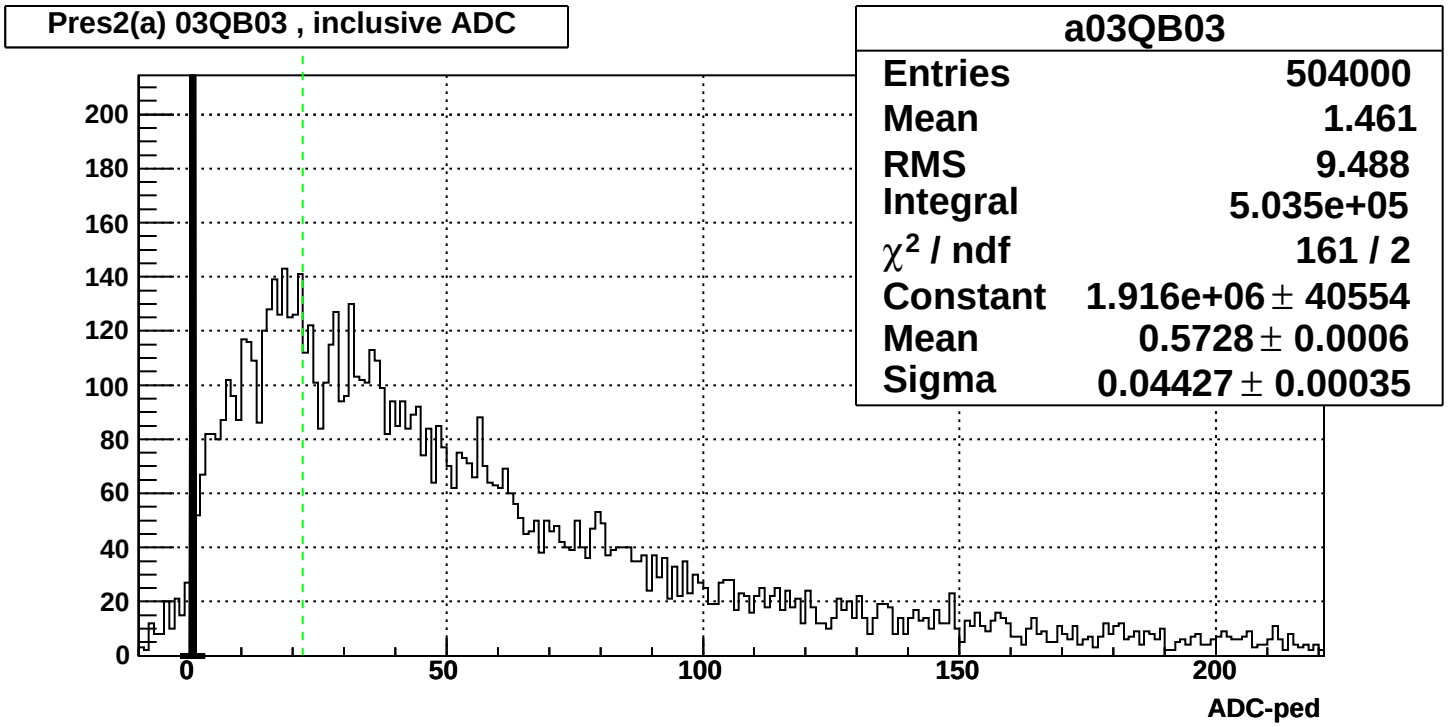

Pres1(d) 03PD03 , ADC, tag: UxV 2*thr
d03PD03
Entries 150
Mean 32.21
RMS 24.79
Integral 150
χ² / ndf 18.51 / 20
ampl-G 5.753 ± 3.676
const-L 75.96 ± 15.37
MPV-L 18.82 ± 1.87
sig-L 7.413 ± 1.769
ADC-ped

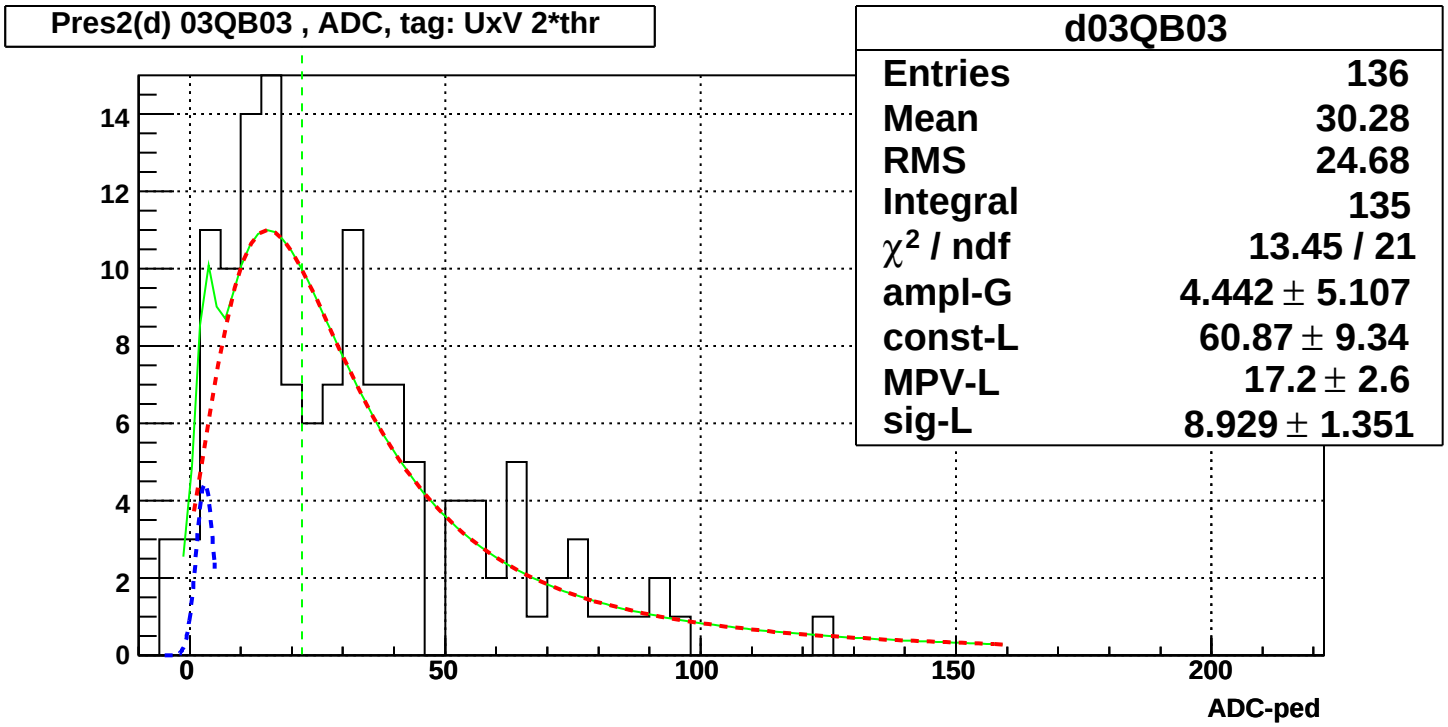

Pres1(a) 03PE03 , inclusive ADC
a03PE03
Entries 504000
Mean 1.276
RMS 7.781
Integral 5.038e+05
χ² / ndf 216 / 2
Constant 2.311e+06 ± 48903
Mean 0.5998 ± 0.0007
Sigma 0.05683 ± 0.00039
ADC-ped

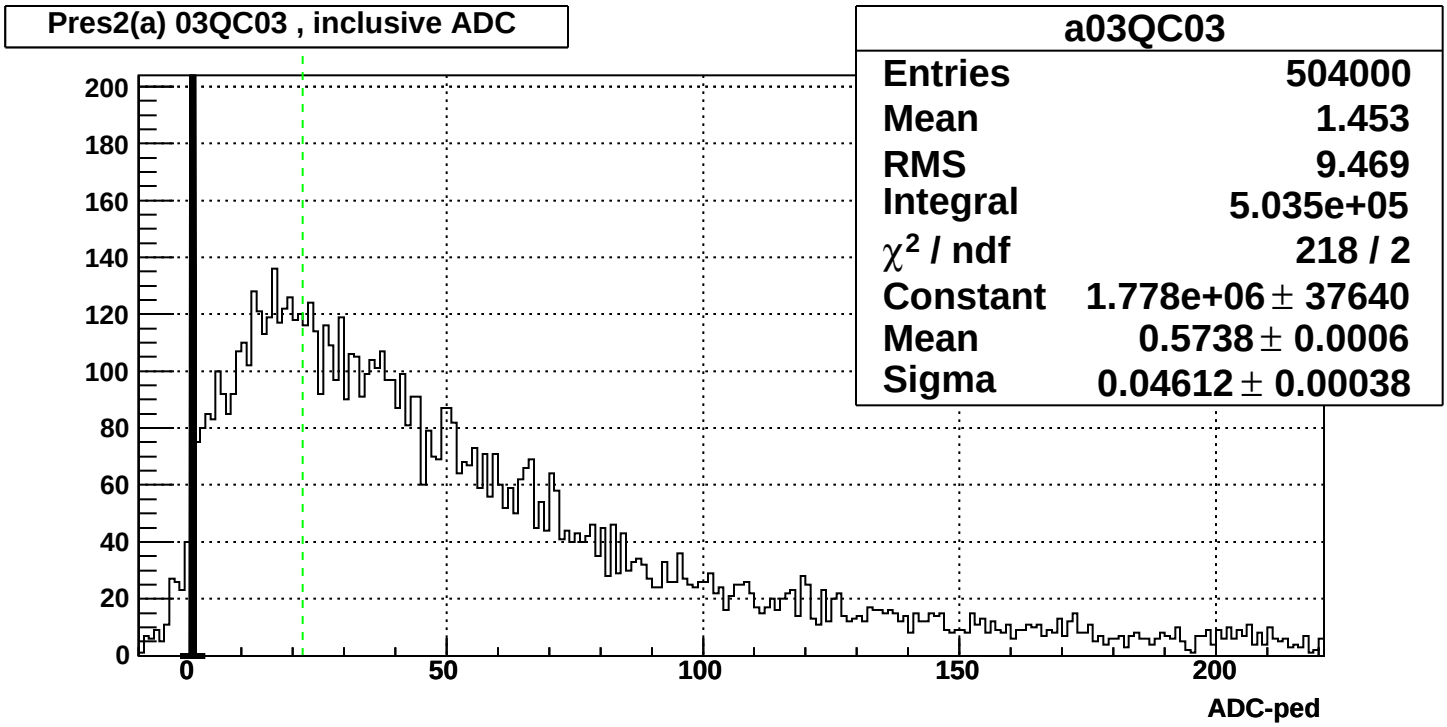

Pres1(d) 03PE03 , ADC, tag: UxV 2*thr
d03PE03
Entries 122
Mean 29.77
RMS 20.52
Integral 122
χ² / ndf 9.441 / 17
ampl-G 6.377 ± 3.167
const-L 59.29 ± 9.12
MPV-L 22.11± 2.01
sig-L 8.462 ± 1.463
ADC-ped

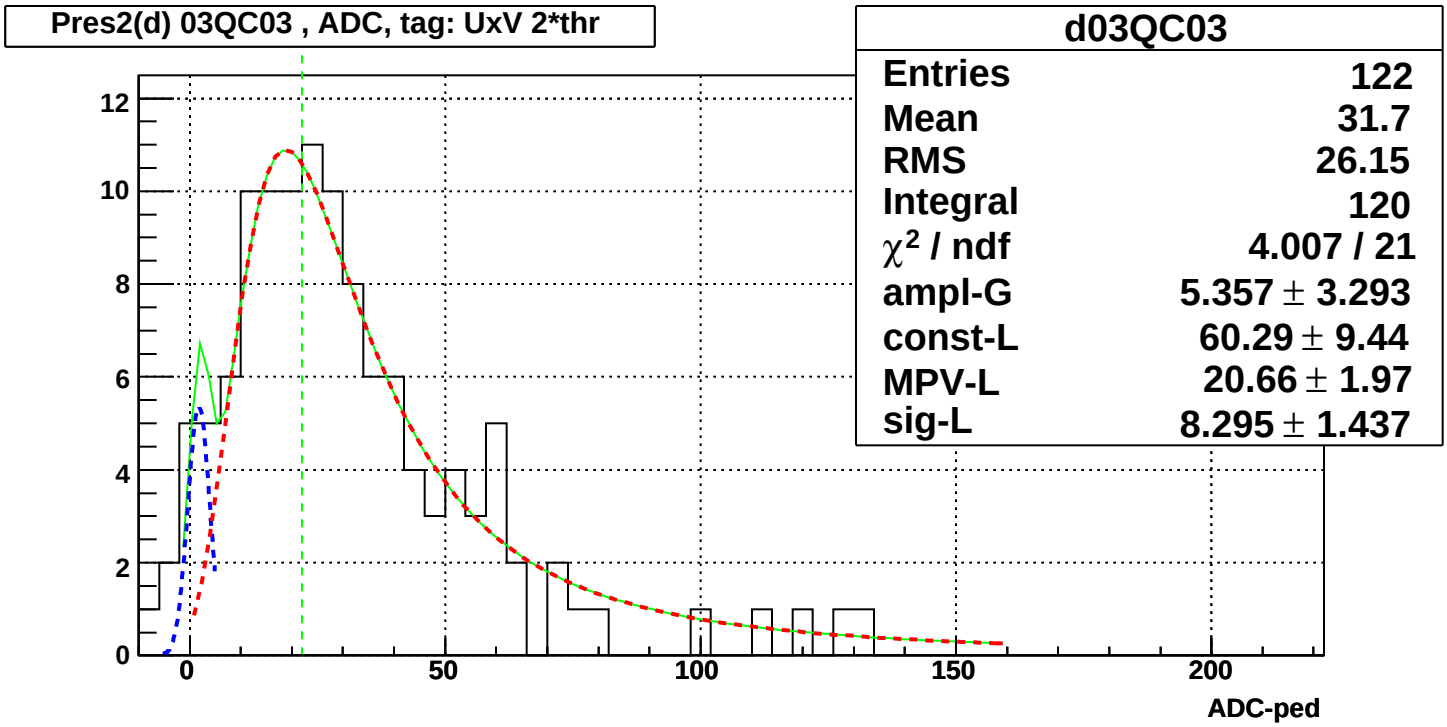

Pres2(a) 03QA03 , inclusive ADC
a03QA03
Entries 504000
Mean 1.471
RMS 9.647
Integral 5.034e+05
χ² / ndf 156 / 2
Constant 1.905e+06 ± 40332
Mean 0.5728 ± 0.0006
Sigma 0.04432 ± 0.00035
ADC-ped

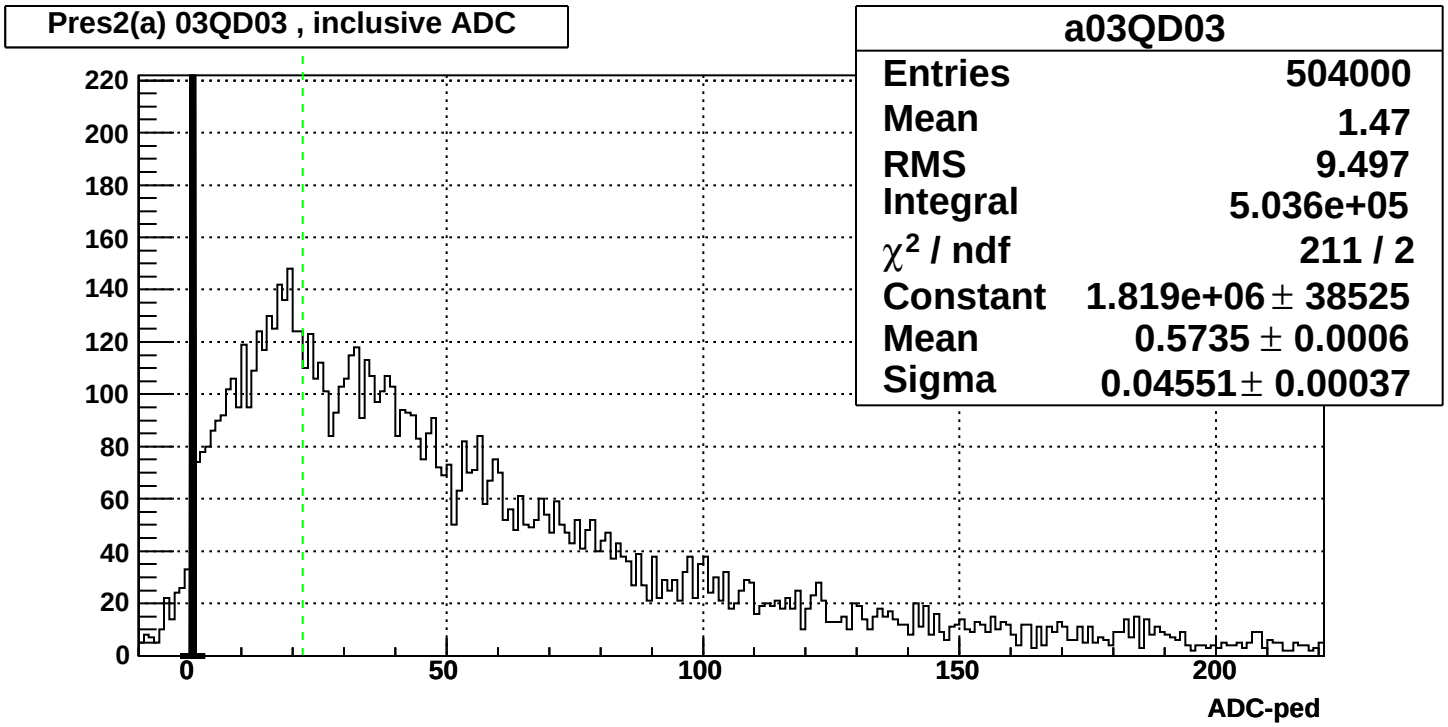

Pres2(d) 03QA03 , ADC, tag: UxV 2*thr
d03QA03
Entries 131
Mean 32.4
RMS 20.68
Integral 130
χ² / ndf 11.45 / 18
ampl-G 1.105 ± 1.994
const-L 67.64 ± 9.81
MPV-L 22.91 ± 1.76
sig-L 7.98 ± 1.20
ADC-ped

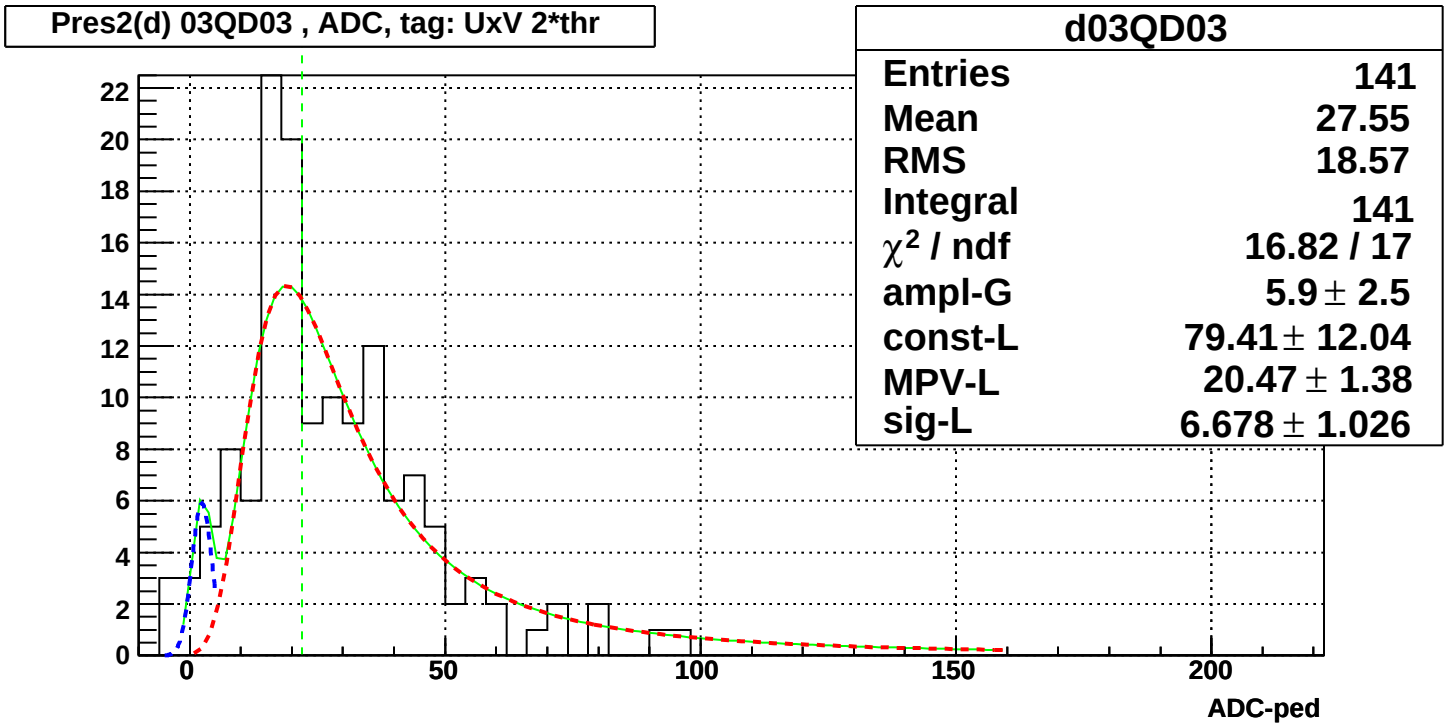

Pres2(a) 03QB03 , inclusive ADC
a03QB03
Entries 504000
Mean 1.461
RMS 9.488
Integral 5.035e+05
χ² / ndf 161 / 2
Constant 1.916e+06 ± 40554
Mean 0.5728 ± 0.0006
Sigma 0.04427 ± 0.00035
ADC-ped

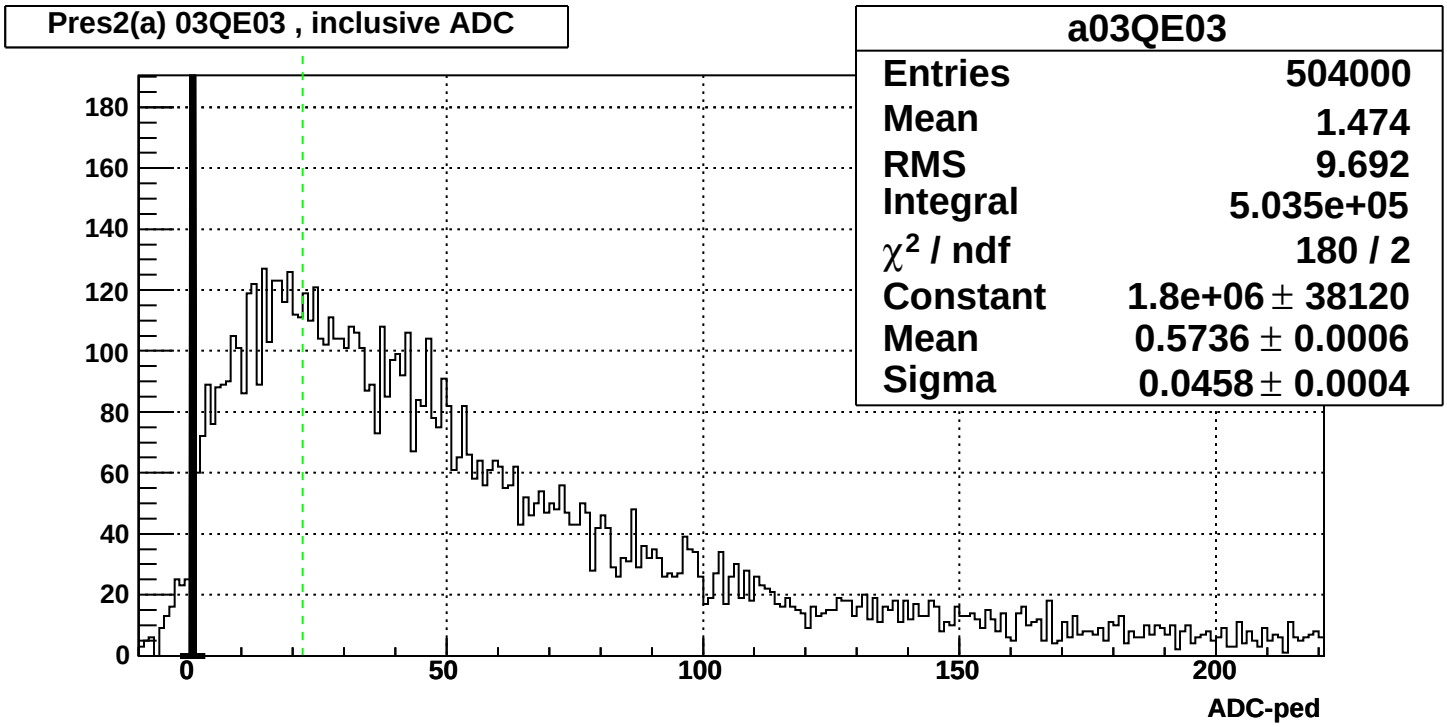

Pres2(d) 03QB03 , ADC, tag: UxV 2*thr
d03QB03
Entries 136
Mean 30.28
RMS 24.68
Integral 135
χ² / ndf 13.45 / 21
ampl-G 4.442 ± 5.107
const-L 60.87 ± 9.34
MPV-L 17.2 ± 2.6
sig-L 8.929 ± 1.351
ADC-ped

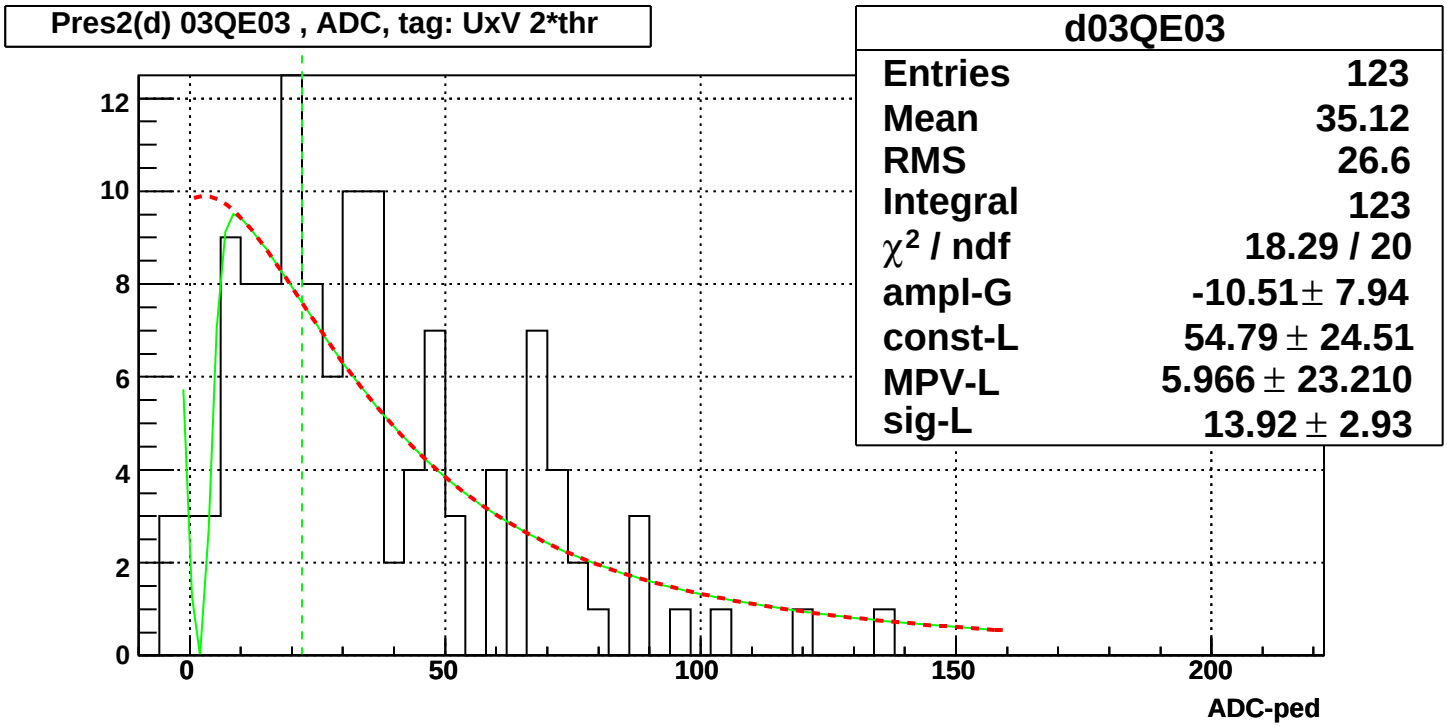

Pres2(a) 03QC03 , inclusive ADC
a03QC03
Entries 504000
Mean 1.453
RMS 9.469
Integral 5.035e+05
χ² / ndf 218 / 2
Constant 1.778e+06 ± 37640
Mean 0.5738 ± 0.0006
Sigma 0.04612 ± 0.00038
ADC-ped

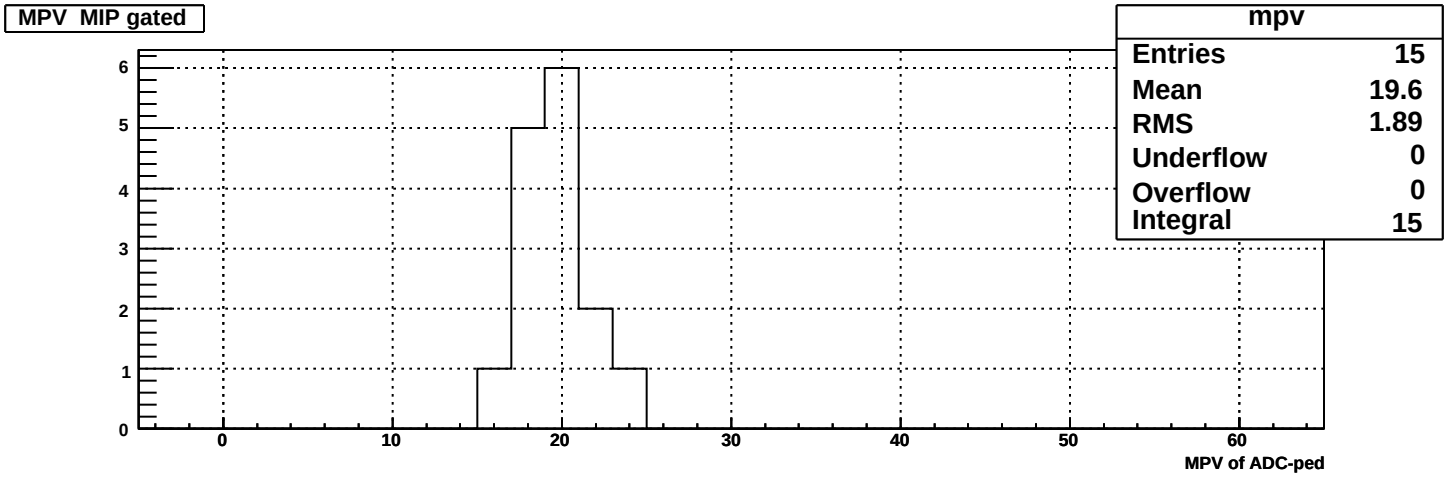

Pres2(d) 03QC03 , ADC, tag: UxV 2*thr
d03QC03
Entries 122
Mean 31.7
RMS 26.15
Integral 120
χ² / ndf 4.007 / 21
ampl-G 5.357 ± 3.293
const-L 60.29 ± 9.44
MPV-L 20.66 ± 1.97
sig-L 8.295 ± 1.437
ADC-ped

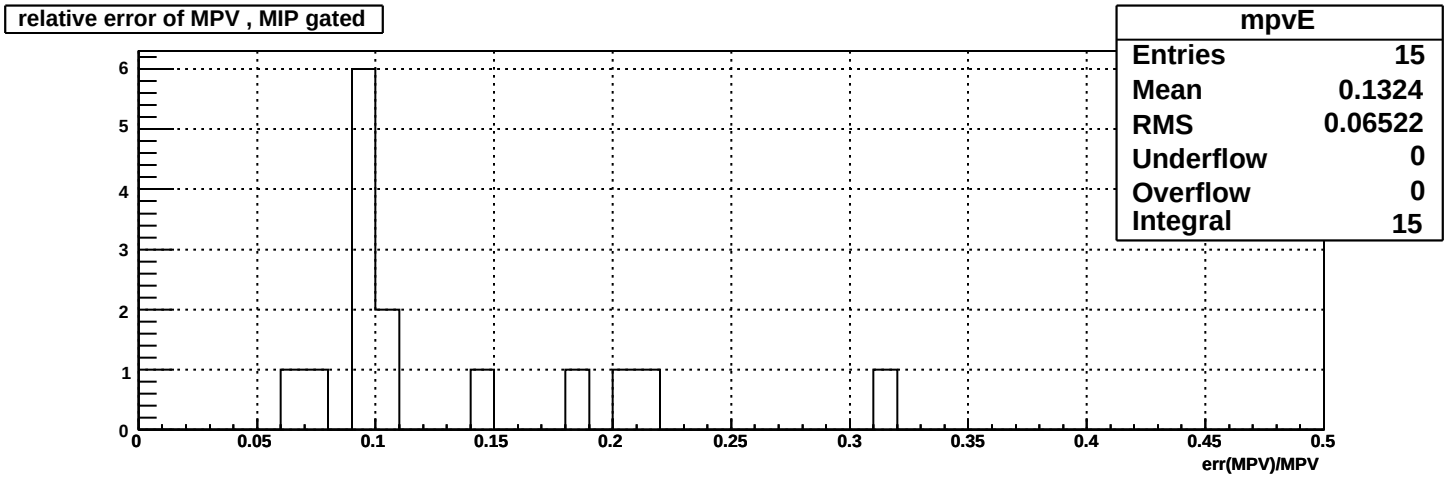

Pres2(a) 03QD03 , inclusive ADC
a03QD03
Entries 504000
Mean 1.47
RMS 9.497
Integral 5.036e+05
χ² / ndf 211 / 2
Constant 1.819e+06 ± 38525
Mean 0.5735 ± 0.0006
Sigma 0.04551 ± 0.00037
ADC-ped

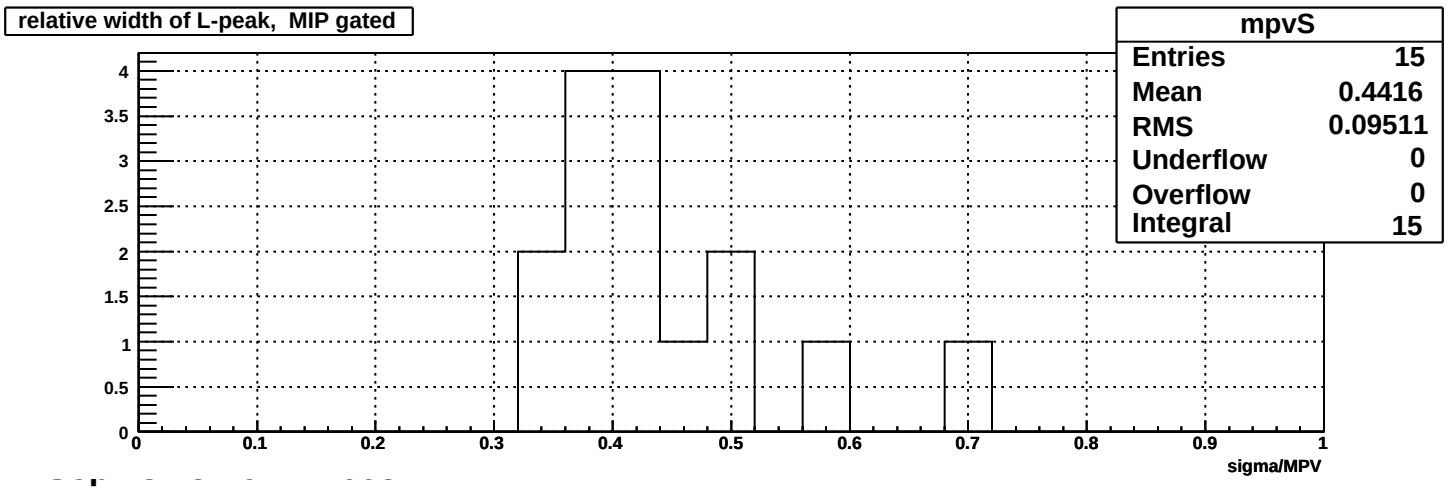

Pres2(d) 03QD03 , ADC, tag: UxV 2*thr
d03QD03
Entries 141
Mean 27.55
RMS 18.57
Integral 141
χ² / ndf 16.82 / 17
ampl-G 5.9 ± 2.5
const-L 79.41 ± 12.04
MPV-L 20.47 ± 1.38
sig-L 6.678 ± 1.026
ADC-ped


Pres2(a) 03QE03 , inclusive ADC
a03QE03
Entries 504000
Mean 1.474
RMS 9.692
Integral 5.035e+05
χ² / ndf 180 / 2
Constant 1.8e+06 ± 38120
Mean 0.5736 ± 0.0006
Sigma 0.0458 ± 0.0004
ADC-ped


Pres2(d) 03QE03 , ADC, tag: UxV 2*thr
d03QE03
Entries 123
Mean 35.12
RMS 26.6
Integral 123
χ² / ndf 18.29 / 20
ampl-G -10.51 ± 7.94
const-L 54.79 ± 24.51
MPV-L 5.966 ± 23.210
sig-L 13.92 ± 2.93
ADC-ped


MPV MIP gated
mpv
Entries 15
Mean 19.6
RMS 1.89
Underflow 0
Overflow 0
Integral 15
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 15
Mean 0.1324
RMS 0.06522
Underflow 0
Overflow 0
Integral 15
err(MPV)/MPV


relative width of L-peak, MIP gated
mpvS
Entries 15
Mean 0.4416
RMS 0.09511
Underflow 0
Overflow 0
Integral 15
sigma/MPV