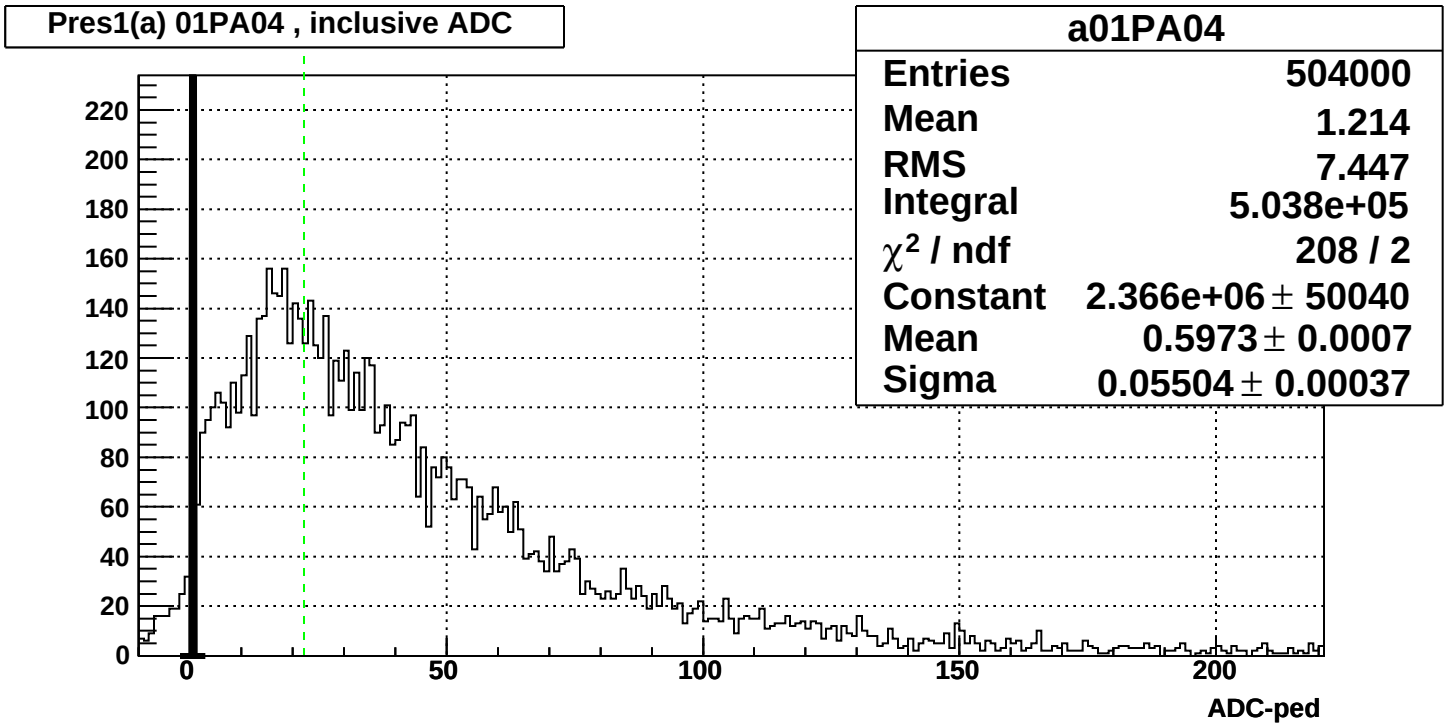
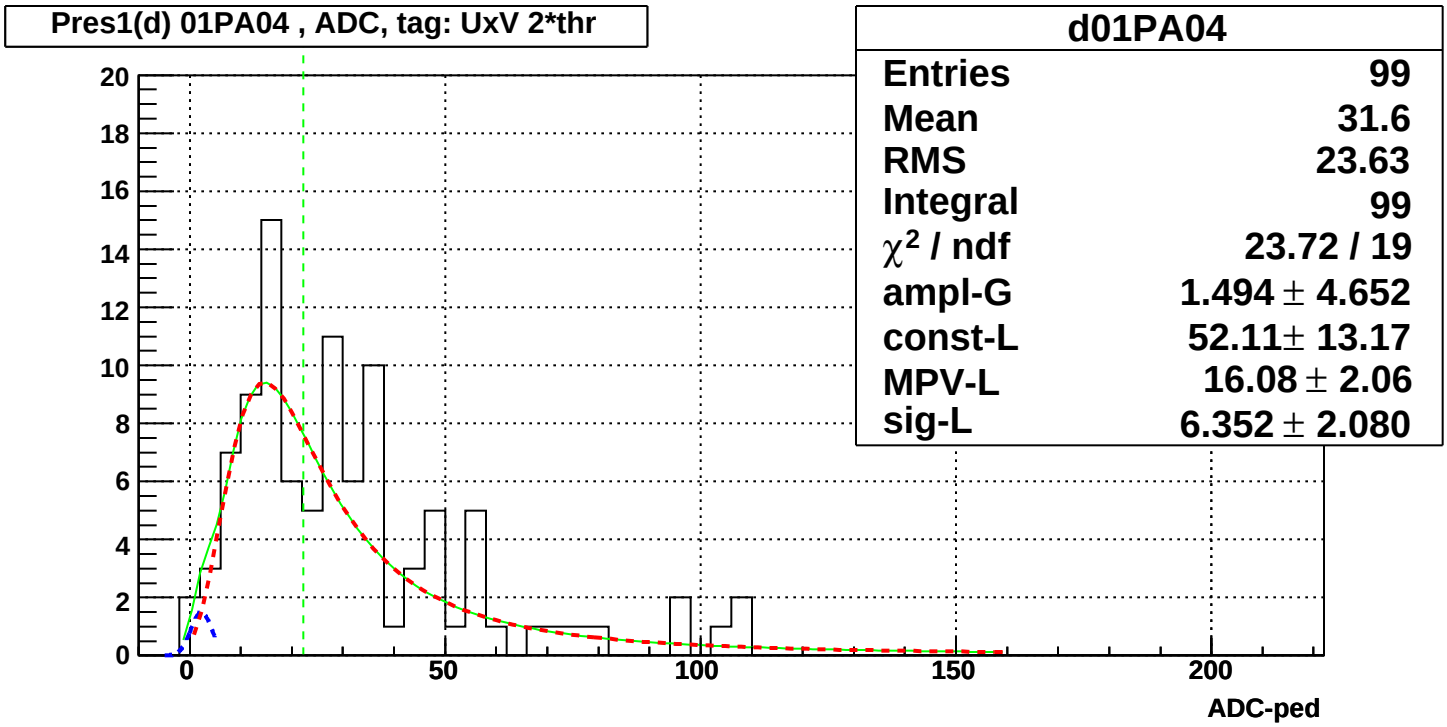
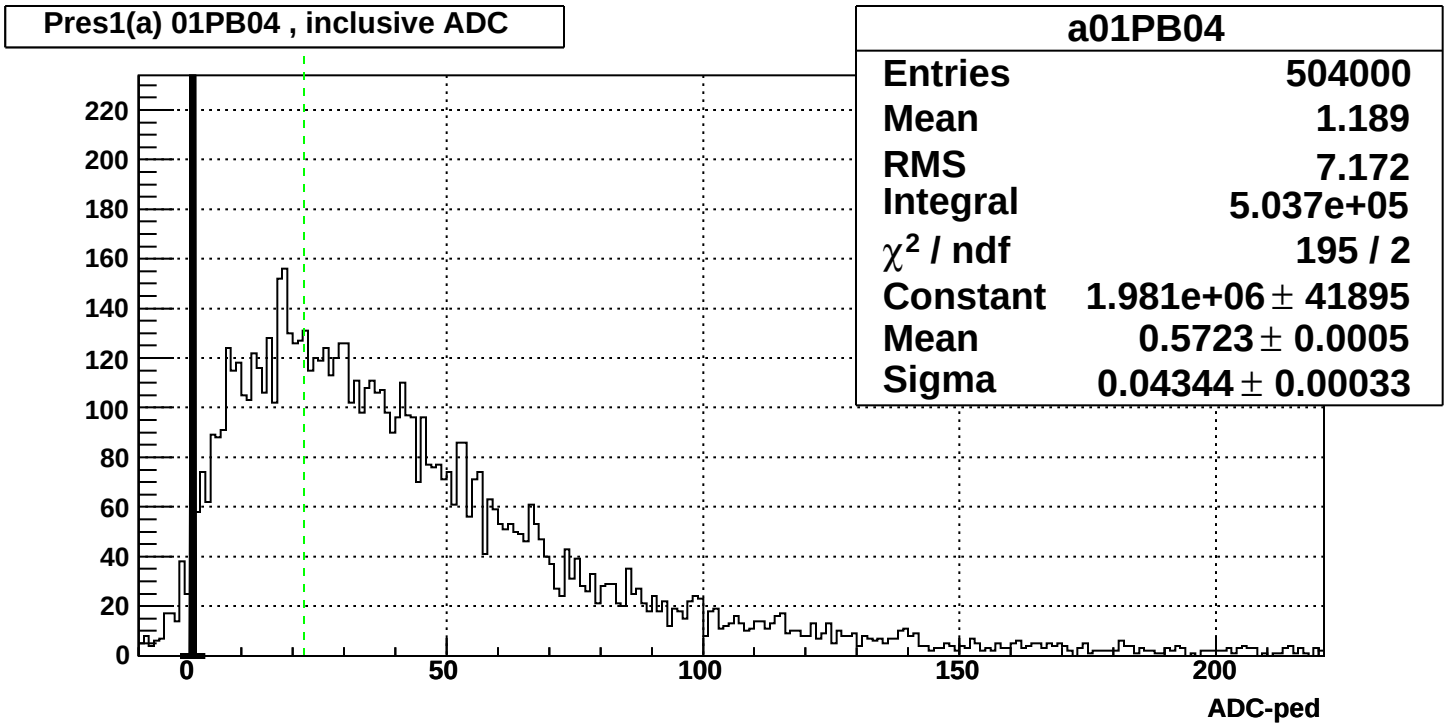
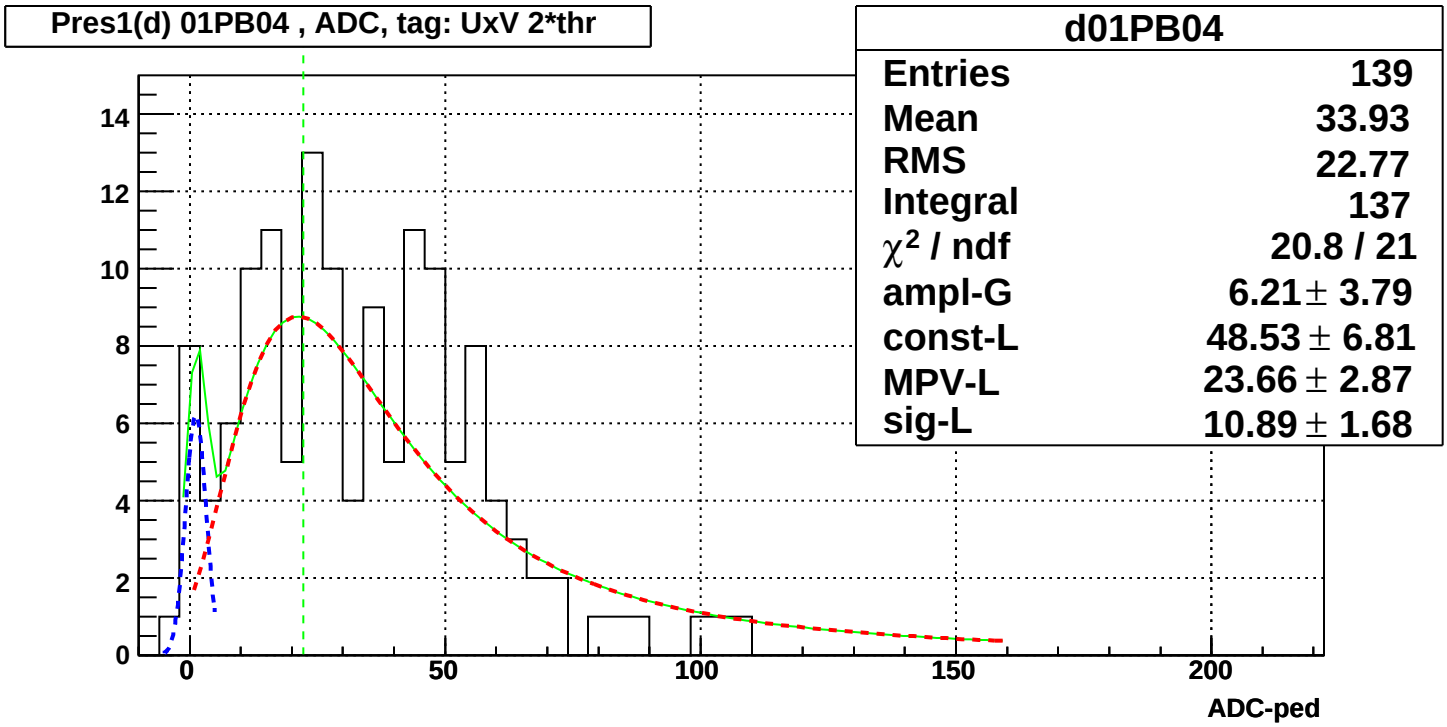
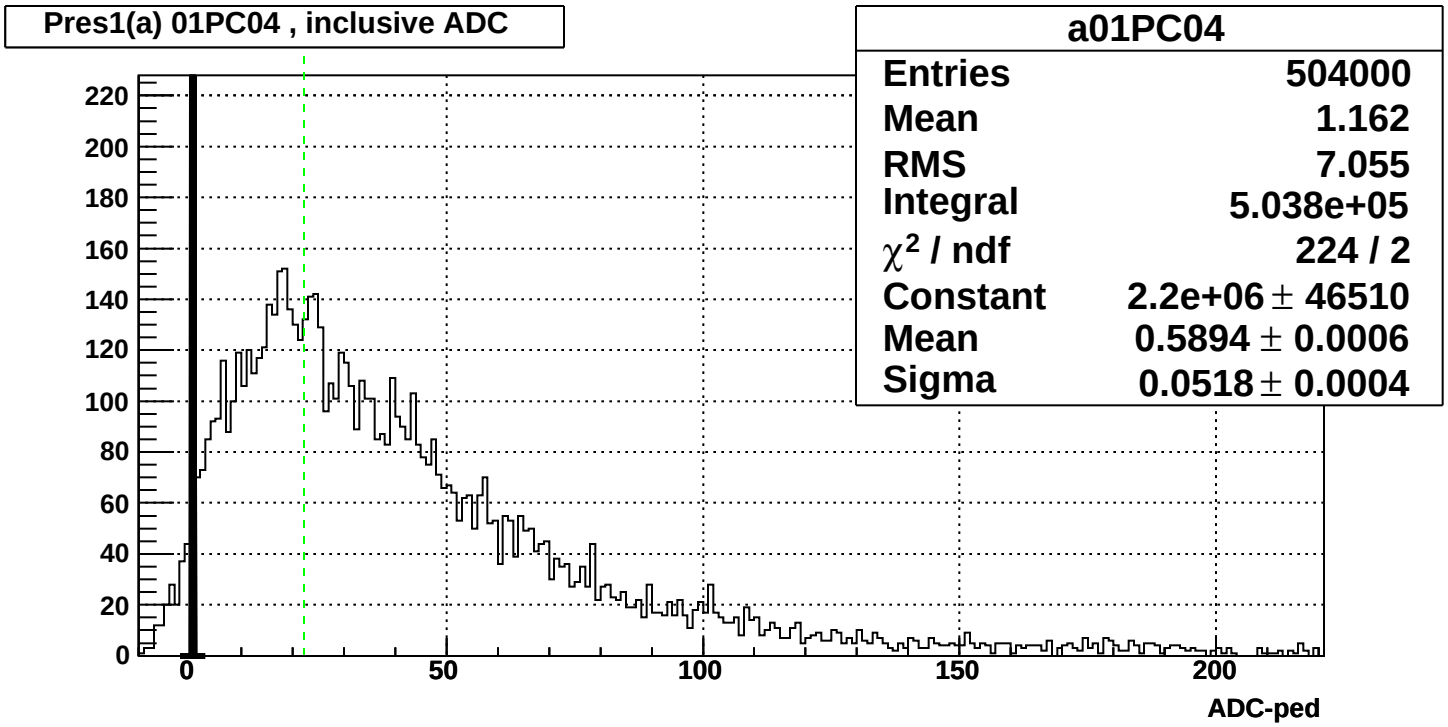
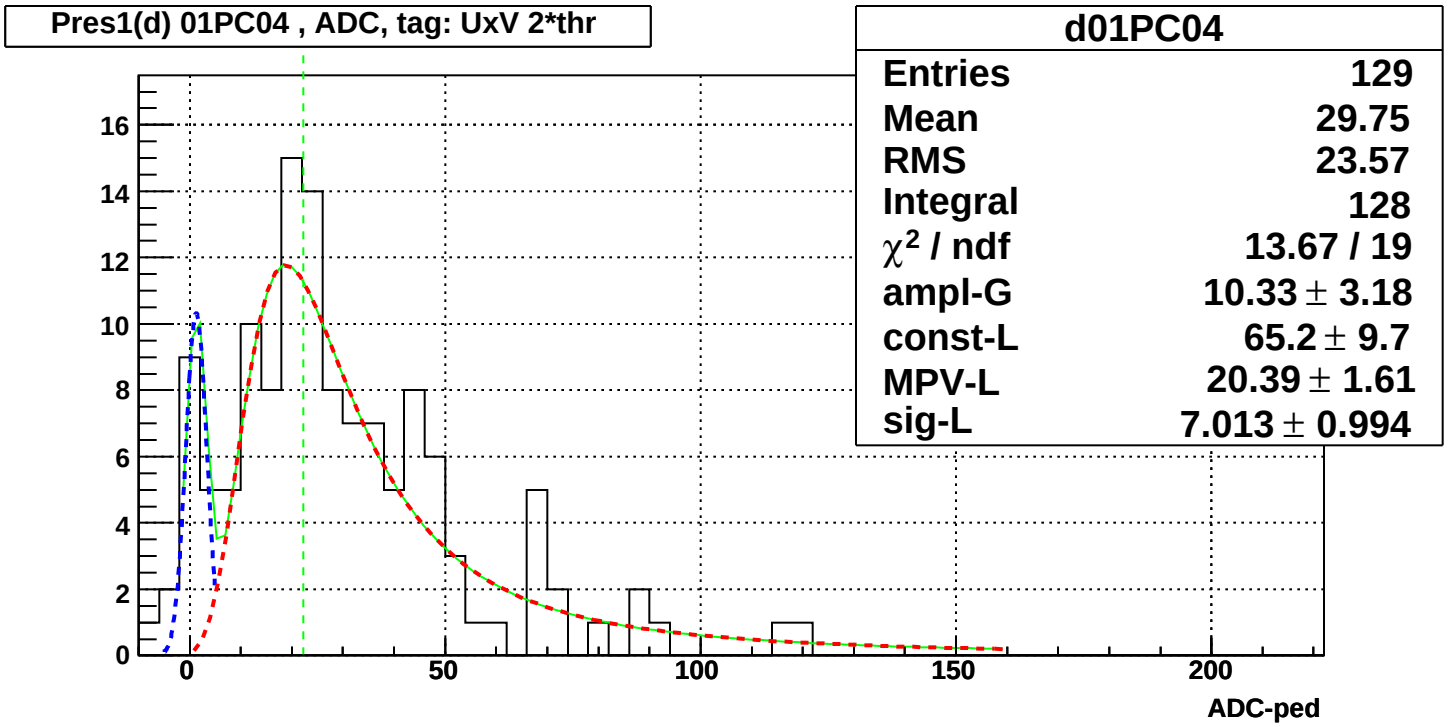

Pres1(a) 01PA04 , inclusive ADC
a01PA04
Entries 504000
Mean 1.214
RMS 7.447
Integral 5.038e+05
χ² / ndf 208 / 2
Constant 2.366e+06 ± 50040
Mean 0.5973 ± 0.0007
Sigma 0.05504 ± 0.00037
ADC-ped

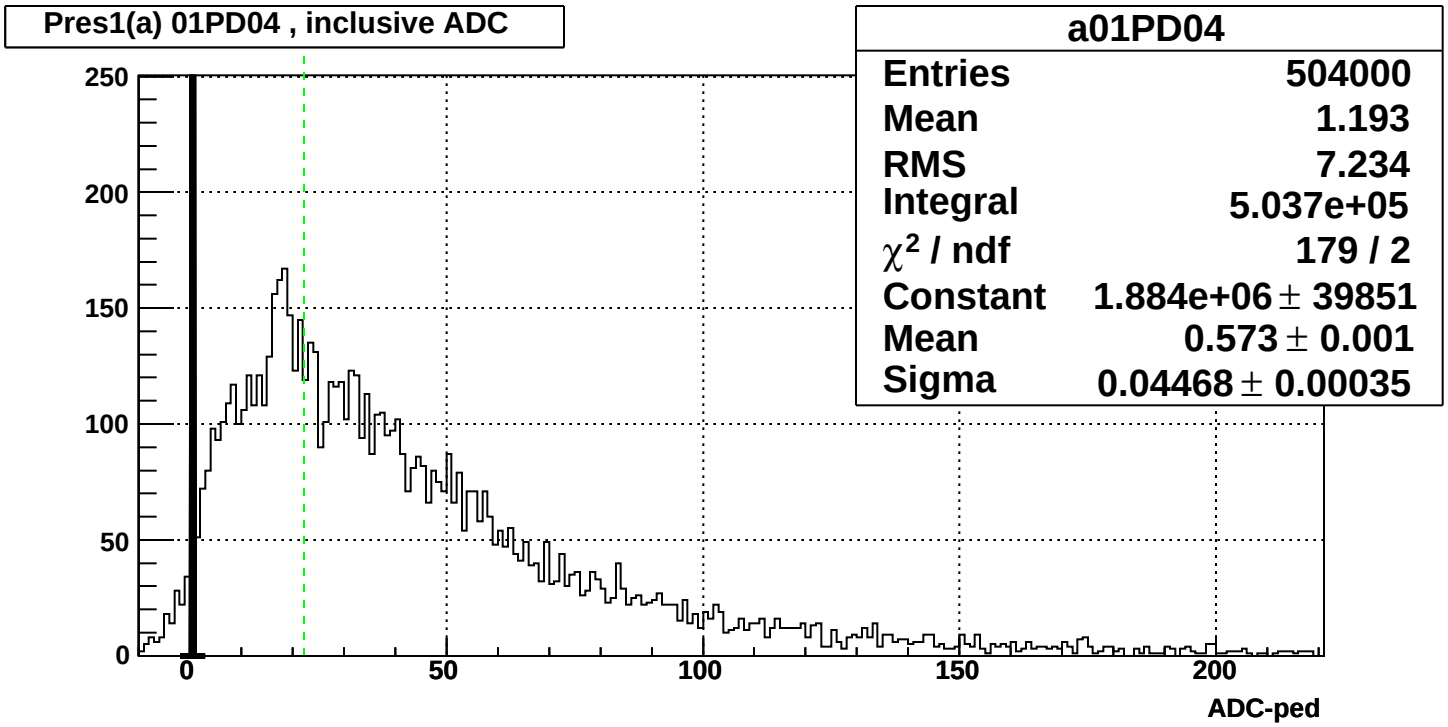

Pres1(d) 01PA04 , ADC, tag: UxV 2*thr
d01PA04
Entries 99
Mean 31.6
RMS 23.63
Integral 99
χ² / ndf 23.72 / 19
ampl-G 1.494 ± 4.652
const-L 52.11 ± 13.17
MPV-L 16.08 ± 2.06
sig-L 6.352 ± 2.080
ADC-ped

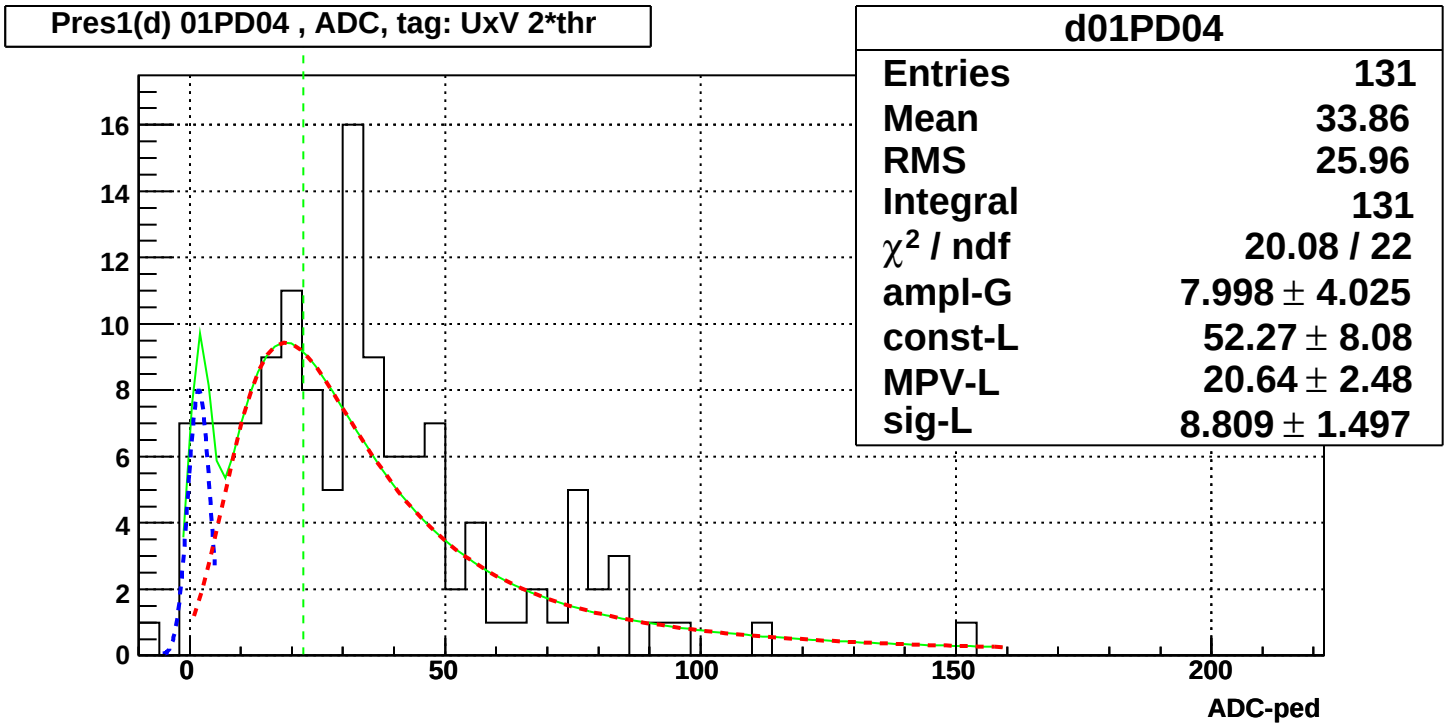

Pres1(a) 01PB04 , inclusive ADC
a01PB04
Entries 504000
Mean 1.189
RMS 7.172
Integral 5.037e+05
χ² / ndf 195 / 2
Constant 1.981e+06 ± 41895
Mean 0.5723 ± 0.0005
Sigma 0.04344 ± 0.00033
ADC-ped

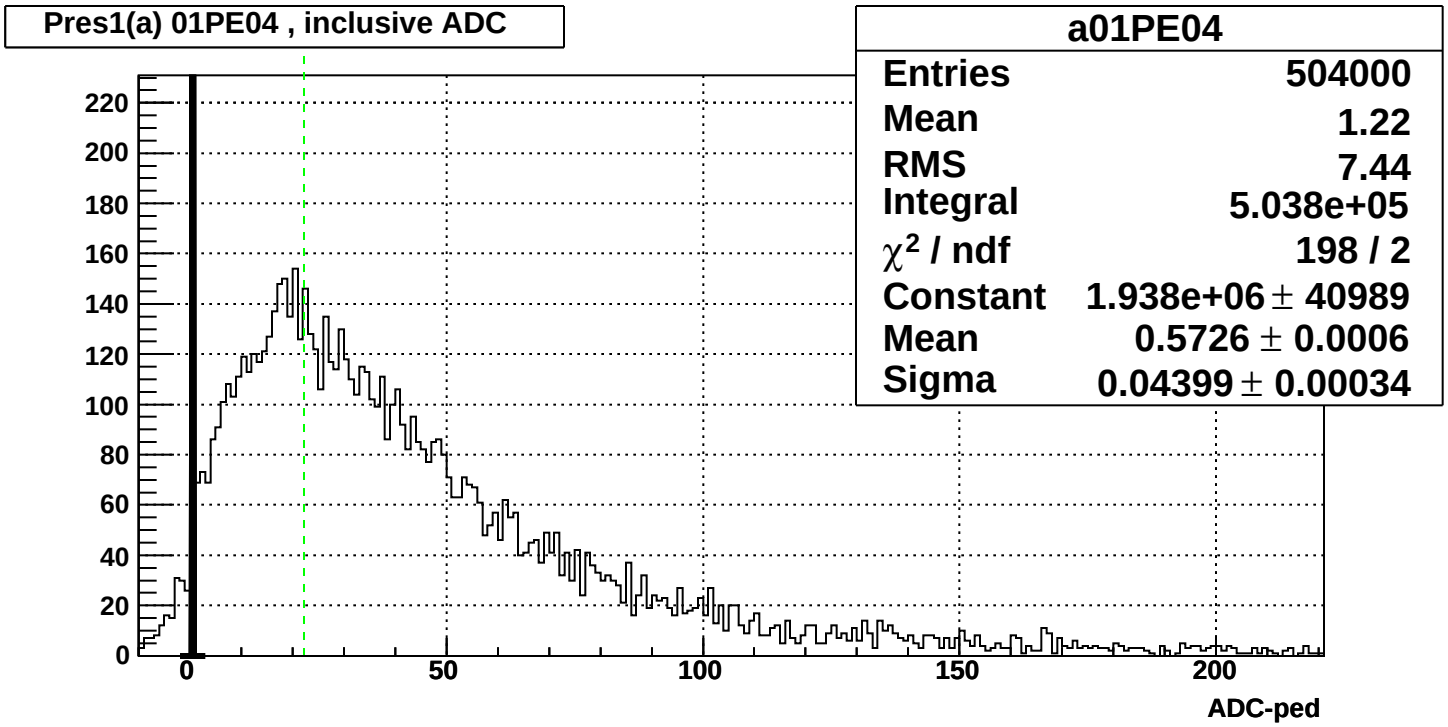

Pres1(d) 01PB04 , ADC, tag: UxV 2*thr
d01PB04
Entries 139
Mean 33.93
RMS 22.77
Integral 137
χ² / ndf 20.8 / 21
ampl-G 6.21 ± 3.79
const-L 48.53 ± 6.81
MPV-L 23.66 ± 2.87
sig-L 10.89 ± 1.68
ADC-ped

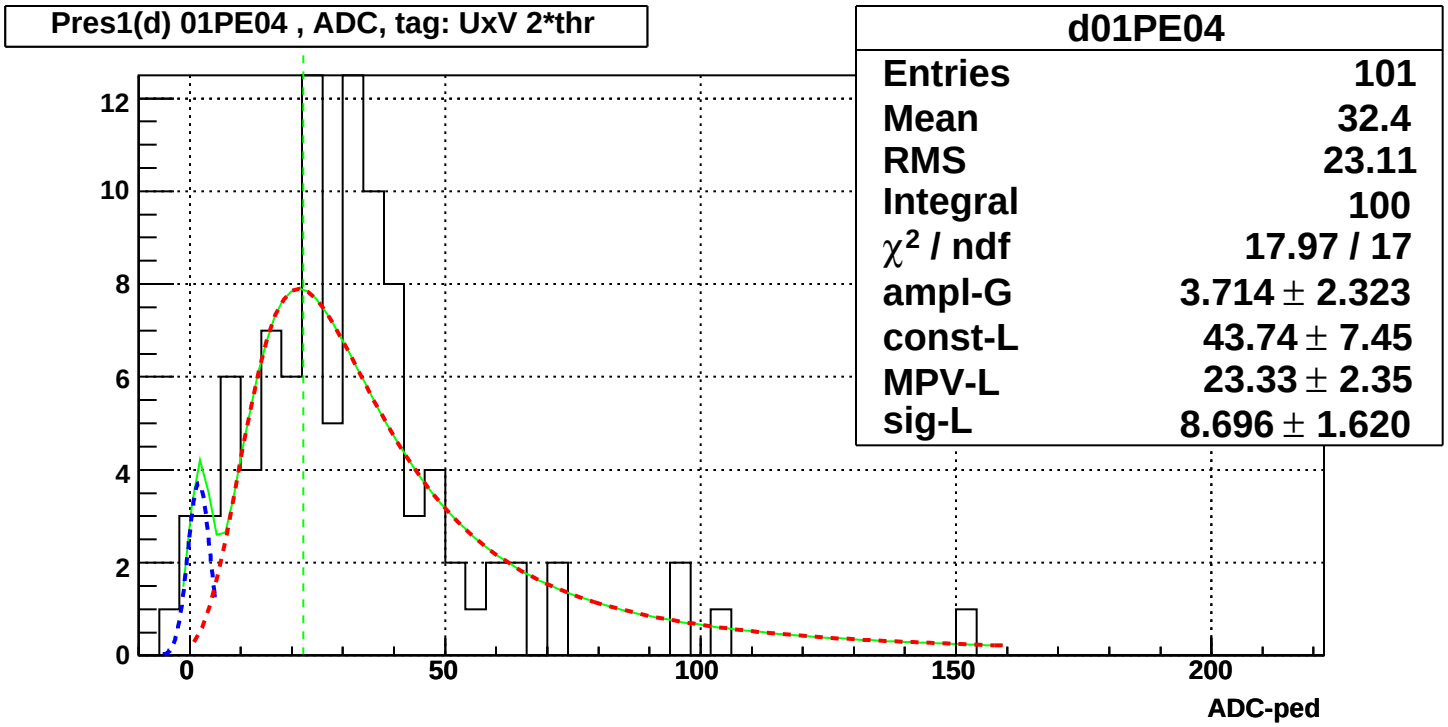

Pres1(a) 01PC04 , inclusive ADC
a01PC04
Entries 504000
Mean 1.162
RMS 7.055
Integral 5.038e+05
χ² / ndf 224 / 2
Constant 2.2e+06 ± 46510
Mean 0.5894 ± 0.0006
Sigma 0.0518 ± 0.0004
ADC-ped

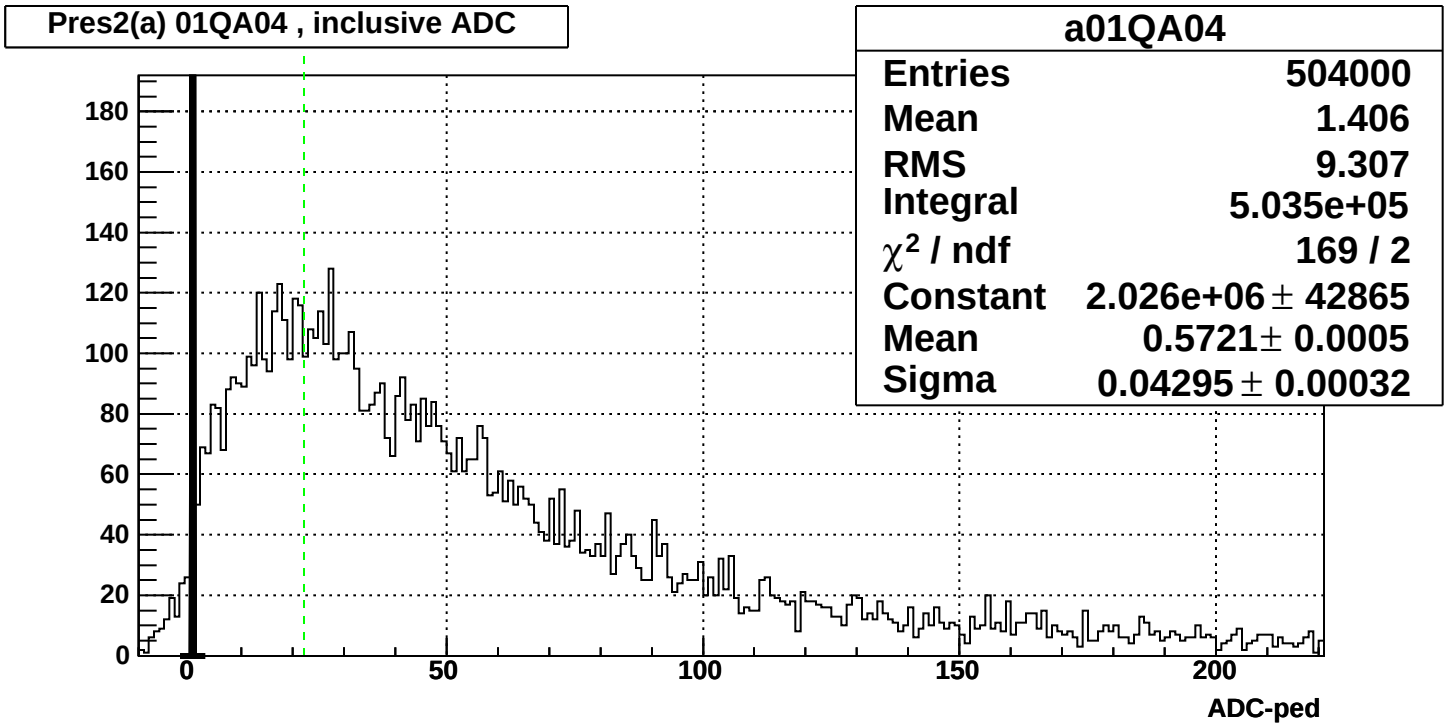

Pres1(d) 01PC04 , ADC, tag: UxV 2*thr
d01PC04
Entries 129
Mean 29.75
RMS 23.57
Integral 128
χ² / ndf 13.67 / 19
ampl-G 10.33 ± 3.18
const-L 65.2 ± 9.7
MPV-L 20.39 ± 1.61
sig-L 7.013 ± 0.994
ADC-ped

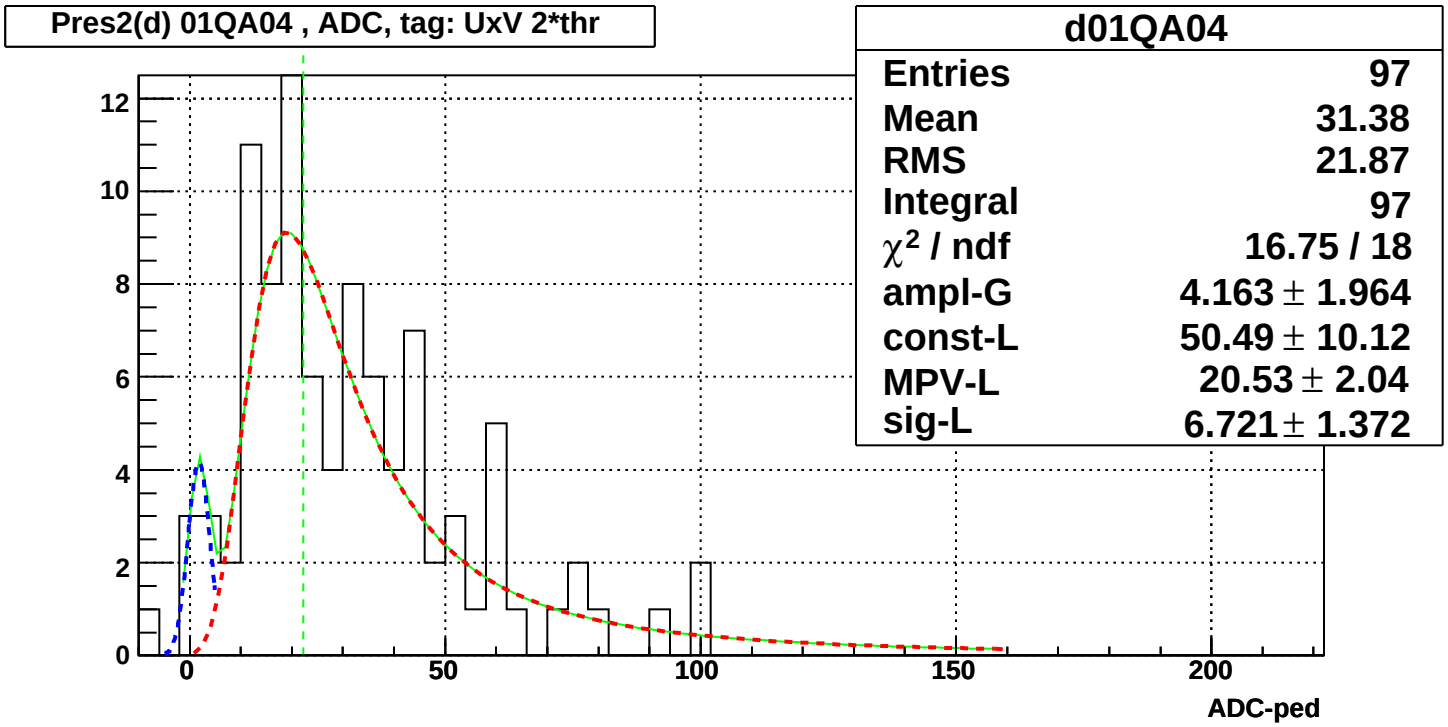

Pres1(a) 01PD04 , inclusive ADC
a01PD04
Entries 504000
Mean 1.193
RMS 7.234
Integral 5.037e+05
χ² / ndf 179 / 2
Constant 1.884e+06 ± 39851
Mean 0.573 ± 0.001
Sigma 0.04468 ± 0.00035
ADC-ped

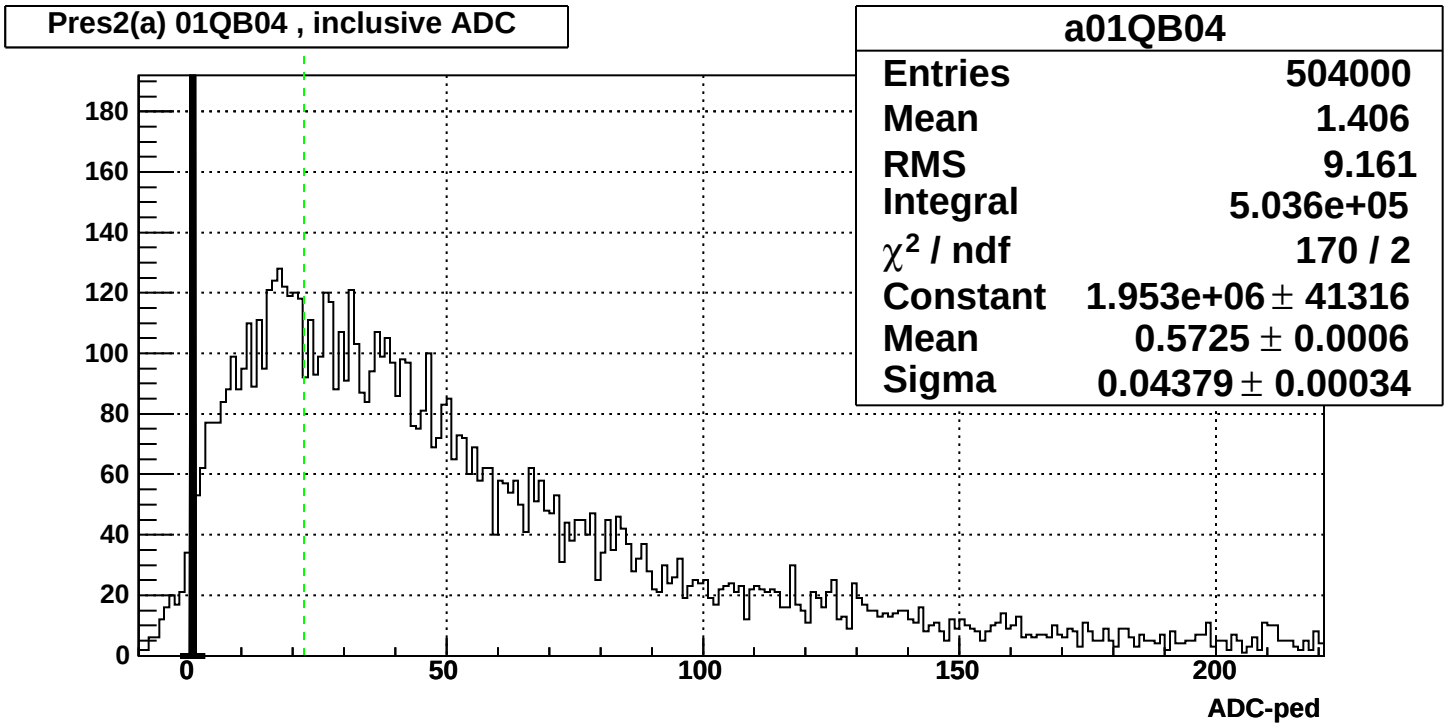

Pres1(d) 01PD04 , ADC, tag: UxV 2*thr
d01PD04
Entries 131
Mean 33.86
RMS 25.96
Integral 131
χ² / ndf 20.08 / 22
ampl-G 7.998 ± 4.025
const-L 52.27 ± 8.08
MPV-L 20.64 ± 2.48
sig-L 8.809 ± 1.497
ADC-ped

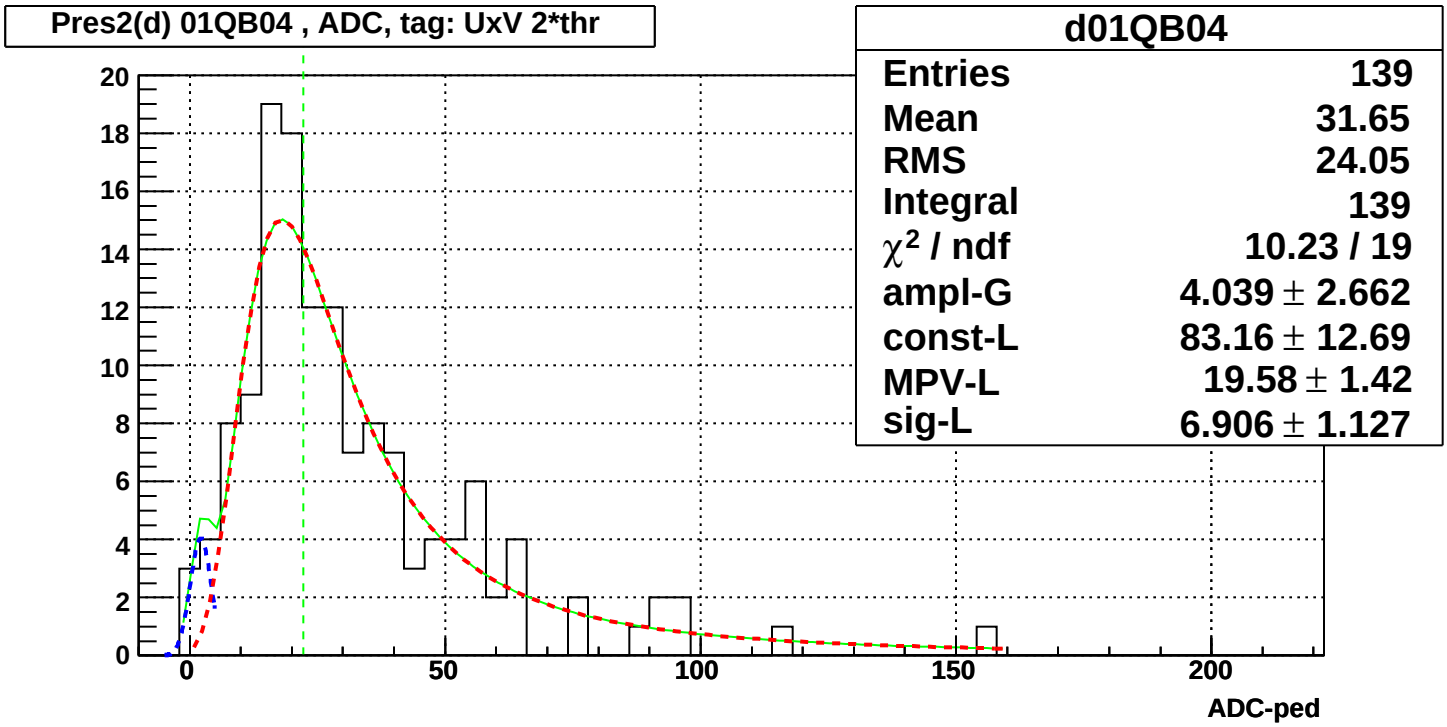

Pres1(a) 01PE04 , inclusive ADC
a01PE04
Entries 504000
Mean 1.22
RMS 7.44
Integral 5.038e+05
χ² / ndf 198 / 2
Constant 1.938e+06 ± 40989
Mean 0.5726 ± 0.0006
Sigma 0.04399 ± 0.00034
ADC-ped

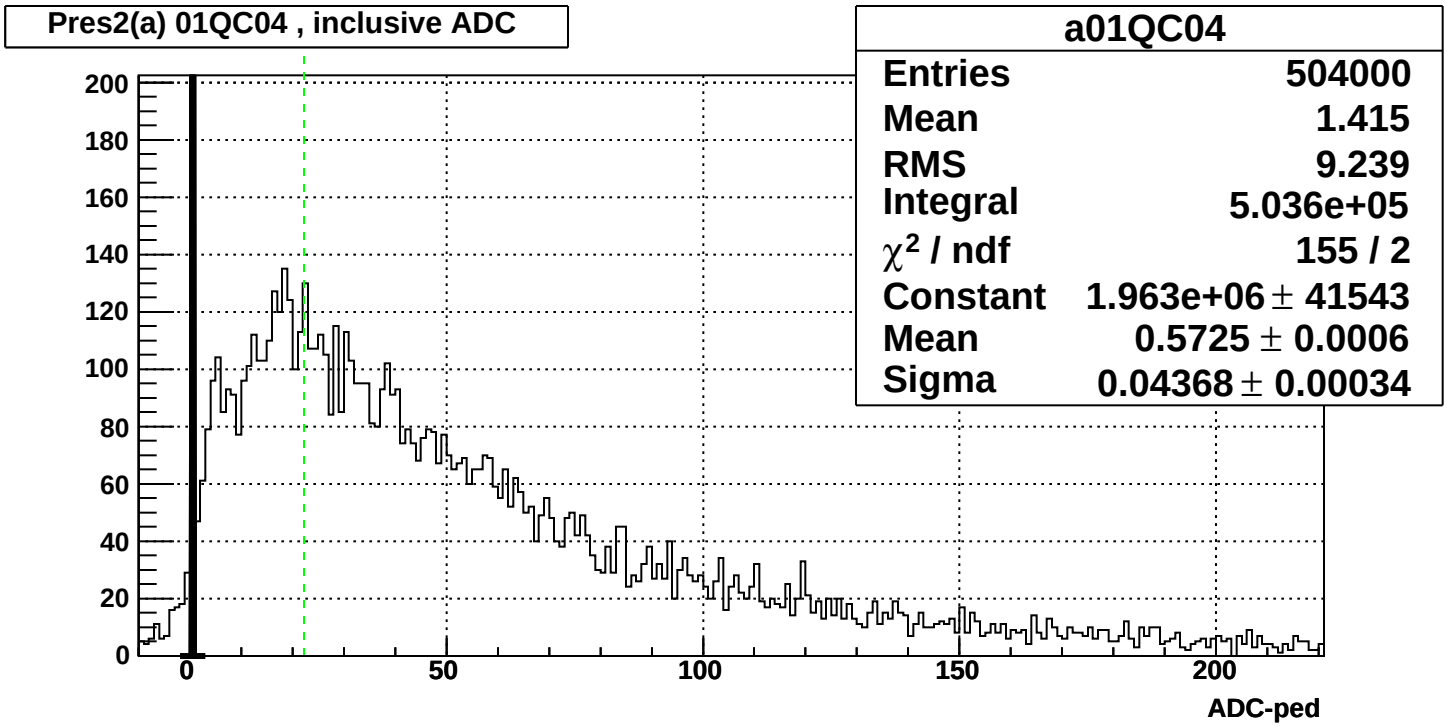

Pres1(d) 01PE04 , ADC, tag: UxV 2*thr
d01PE04
Entries 101
Mean 32.4
RMS 23.11
Integral 100
χ² / ndf 17.97 / 17
ampl-G 3.714 ± 2.323
const-L 43.74 ± 7.45
MPV-L 23.33 ± 2.35
sig-L 8.696 ± 1.620
ADC-ped

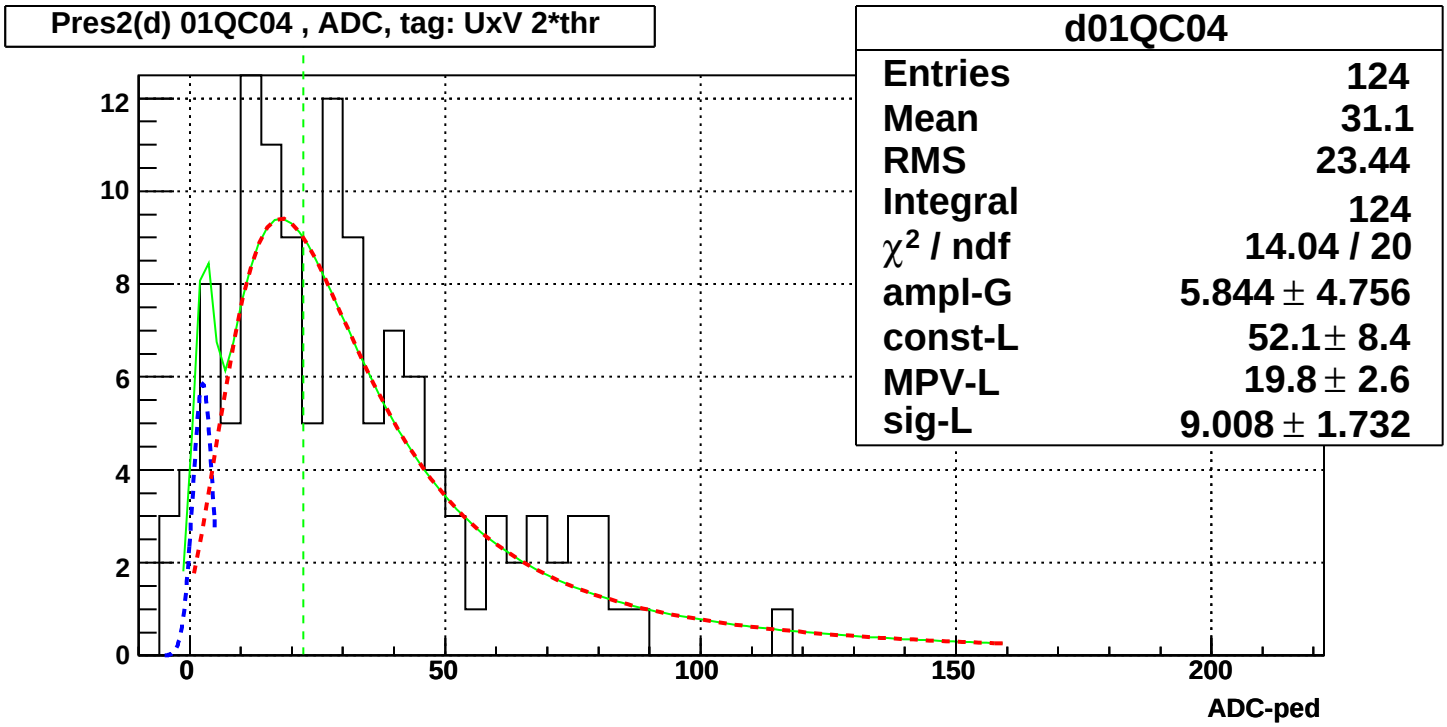

Pres2(a) 01QA04 , inclusive ADC
a01QA04
Entries 504000
Mean 1.406
RMS 9.307
Integral 5.035e+05
χ² / ndf 169 / 2
Constant 2.026e+06 ± 42865
Mean 0.5721 ± 0.0005
Sigma 0.04295 ± 0.00032
ADC-ped

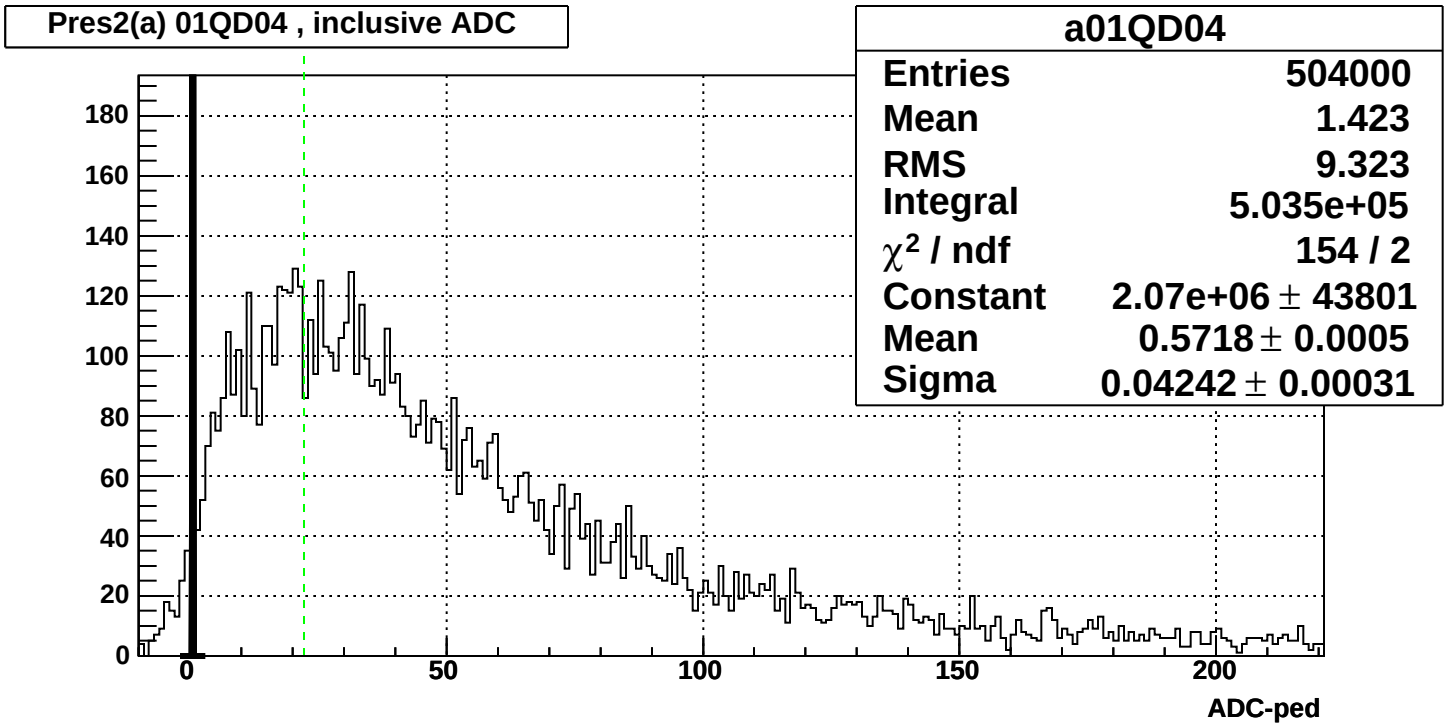

Pres2(d) 01QA04 , ADC, tag: UxV 2*thr
d01QA04
Entries 97
Mean 31.38
RMS 21.87
Integral 97
χ² / ndf 16.75 / 18
ampl-G 4.163 ± 1.964
const-L 50.49 ± 10.12
MPV-L 20.53 ± 2.04
sig-L 6.721 ± 1.372
ADC-ped

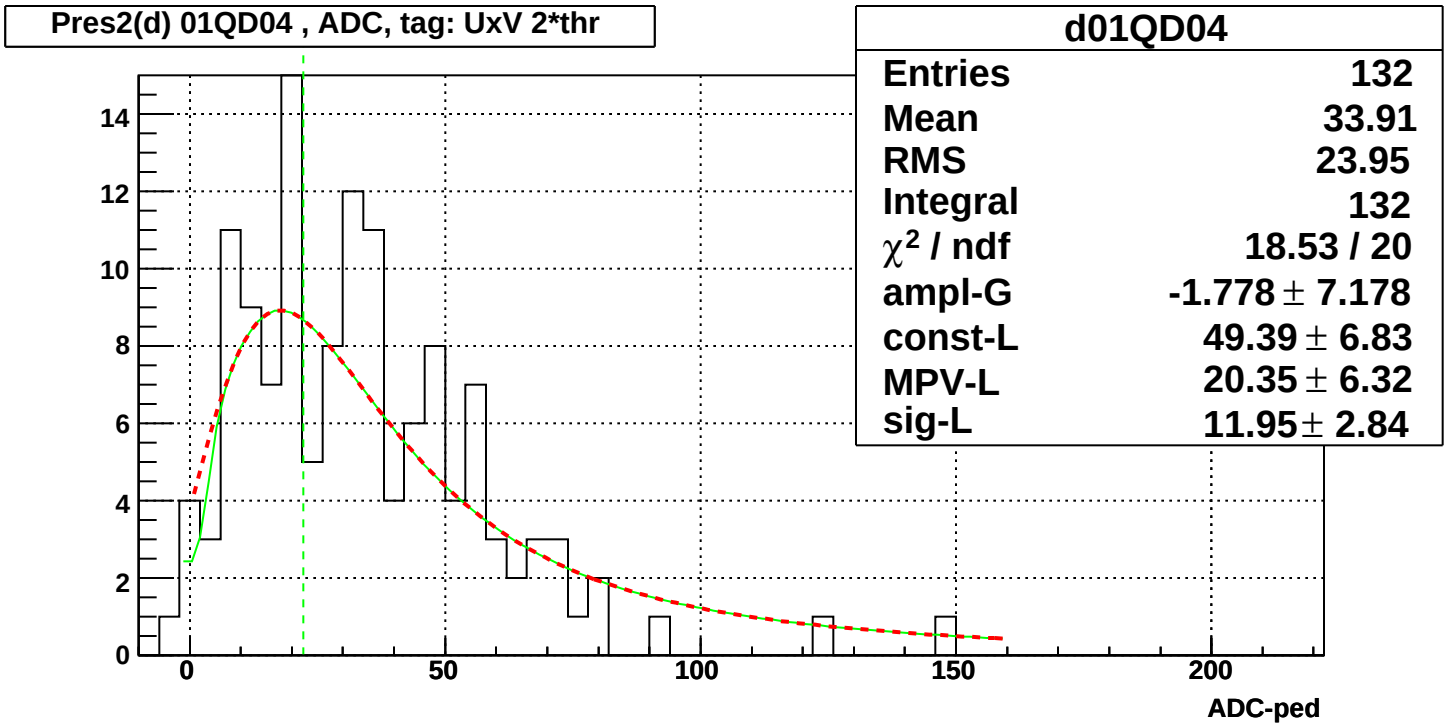

Pres2(a) 01QB04 , inclusive ADC
a01QB04
Entries 504000
Mean 1.406
RMS 9.161
Integral 5.036e+05
χ² / ndf 170 / 2
Constant 1.953e+06 ± 41316
Mean 0.5725 ± 0.0006
Sigma 0.04379 ± 0.00034
ADC-ped

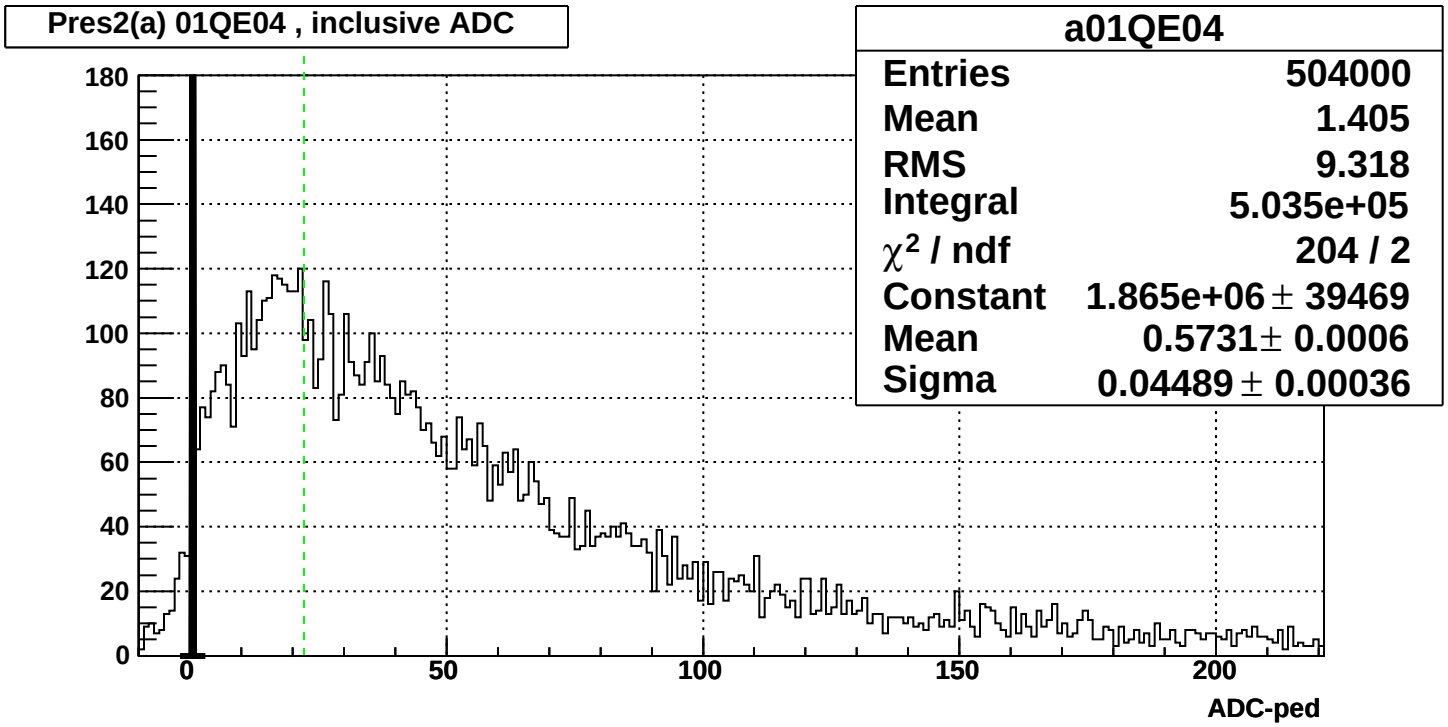

Pres2(d) 01QB04 , ADC, tag: UxV 2*thr
d01QB04
Entries 139
Mean 31.65
RMS 24.05
Integral 139
χ² / ndf 10.23 / 19
ampl-G 4.039 ± 2.662
const-L 83.16 ± 12.69
MPV-L 19.58 ± 1.42
sig-L 6.906 ± 1.127
ADC-ped

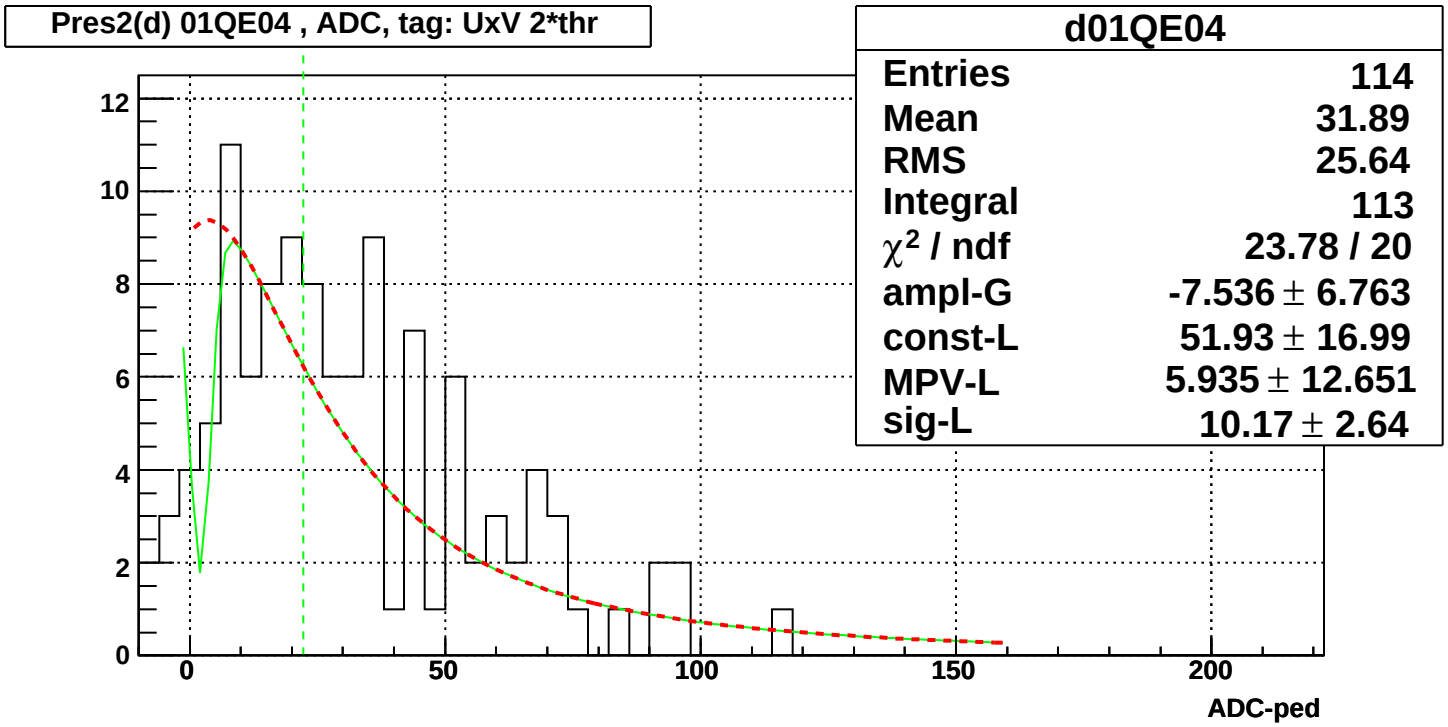

Pres2(a) 01QC04 , inclusive ADC
a01QC04
Entries 504000
Mean 1.415
RMS 9.239
Integral 5.036e+05
χ² / ndf 155 / 2
Constant 1.963e+06 ± 41543
Mean 0.5725 ± 0.0006
Sigma 0.04368 ± 0.00034
ADC-ped

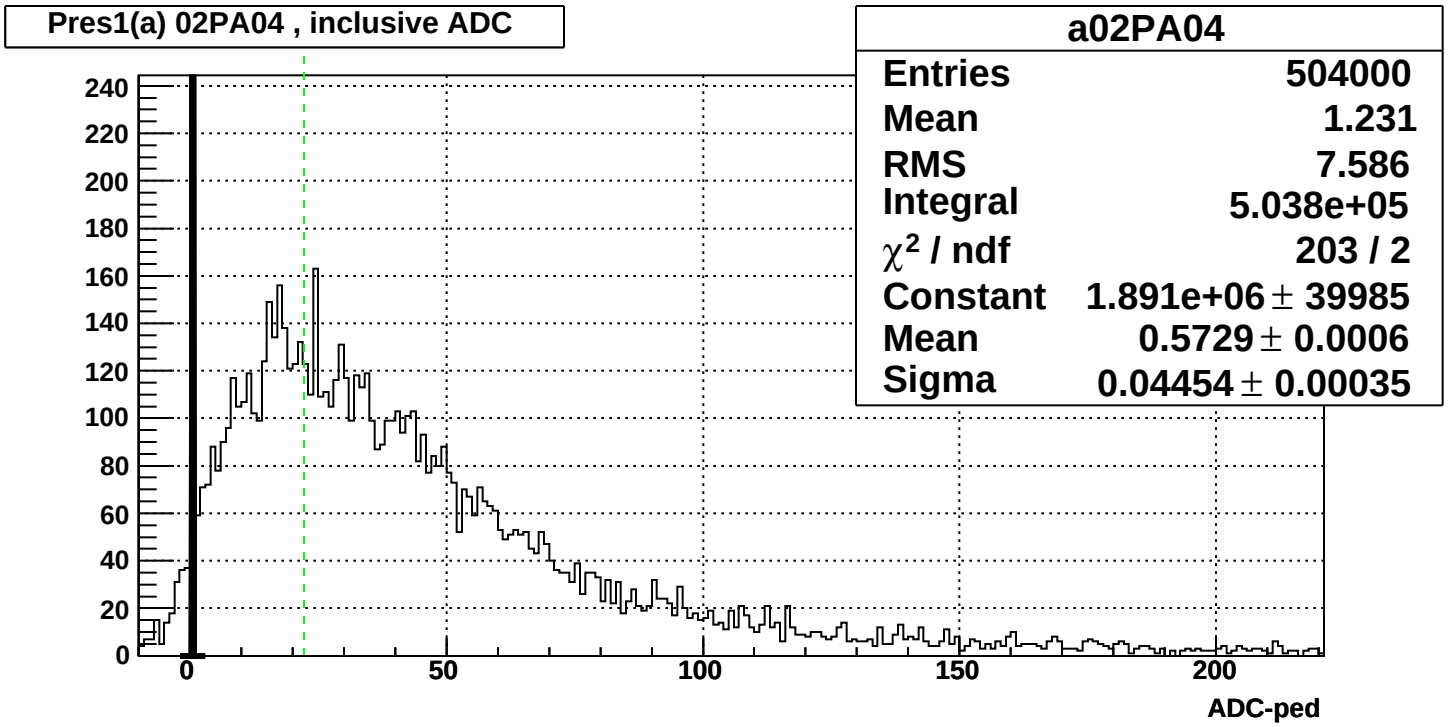

Pres2(d) 01QC04 , ADC, tag: UxV 2*thr
d01QC04
Entries 124
Mean 31.1
RMS 23.44
Integral 124
χ² / ndf 14.04 / 20
ampl-G 5.844 ± 4.756
const-L 52.1 ± 8.4
MPV-L 19.8 ± 2.6
sig-L 9.008 ± 1.732
ADC-ped

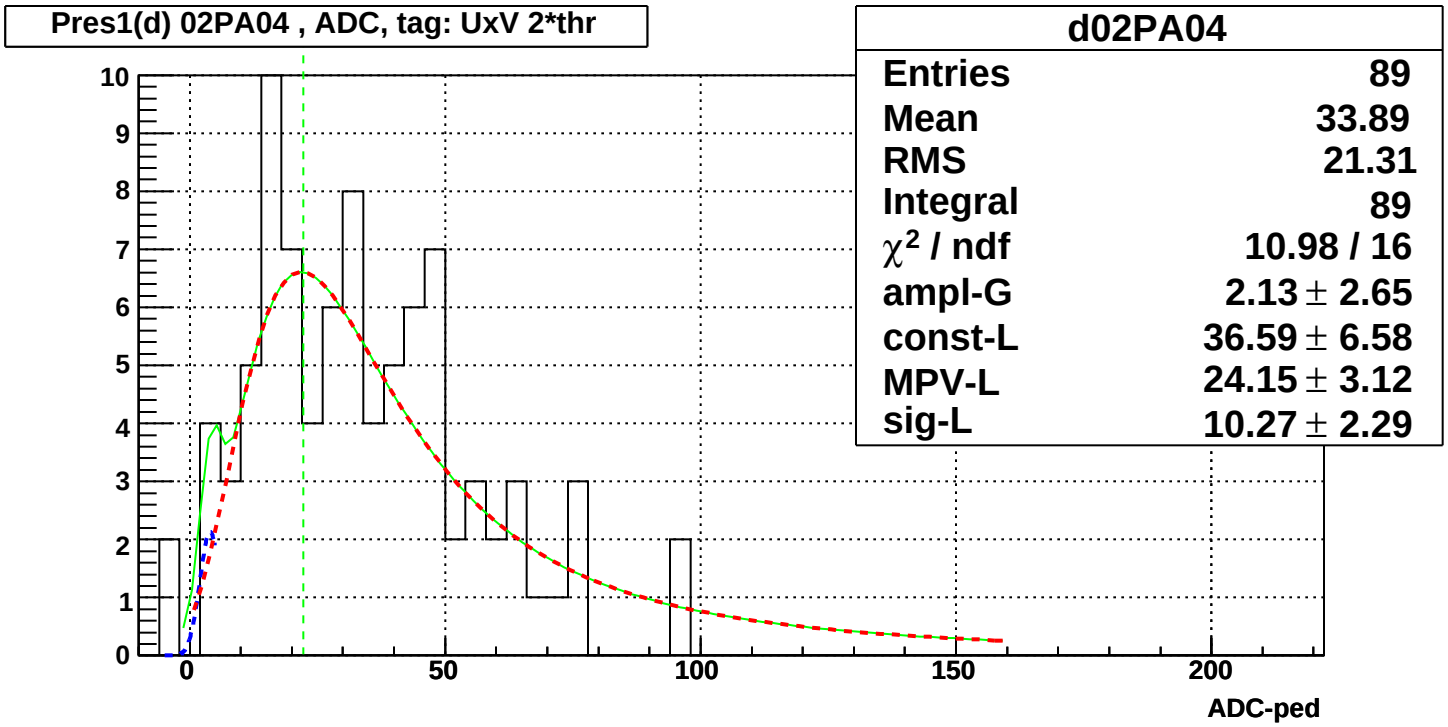

Pres2(a) 01QD04 , inclusive ADC
a01QD04
Entries 504000
Mean 1.423
RMS 9.323
Integral 5.035e+05
χ² / ndf 154 / 2
Constant 2.07e+06 ± 43801
Mean 0.5718 ± 0.0005
Sigma 0.04242 ± 0.00031
ADC-ped

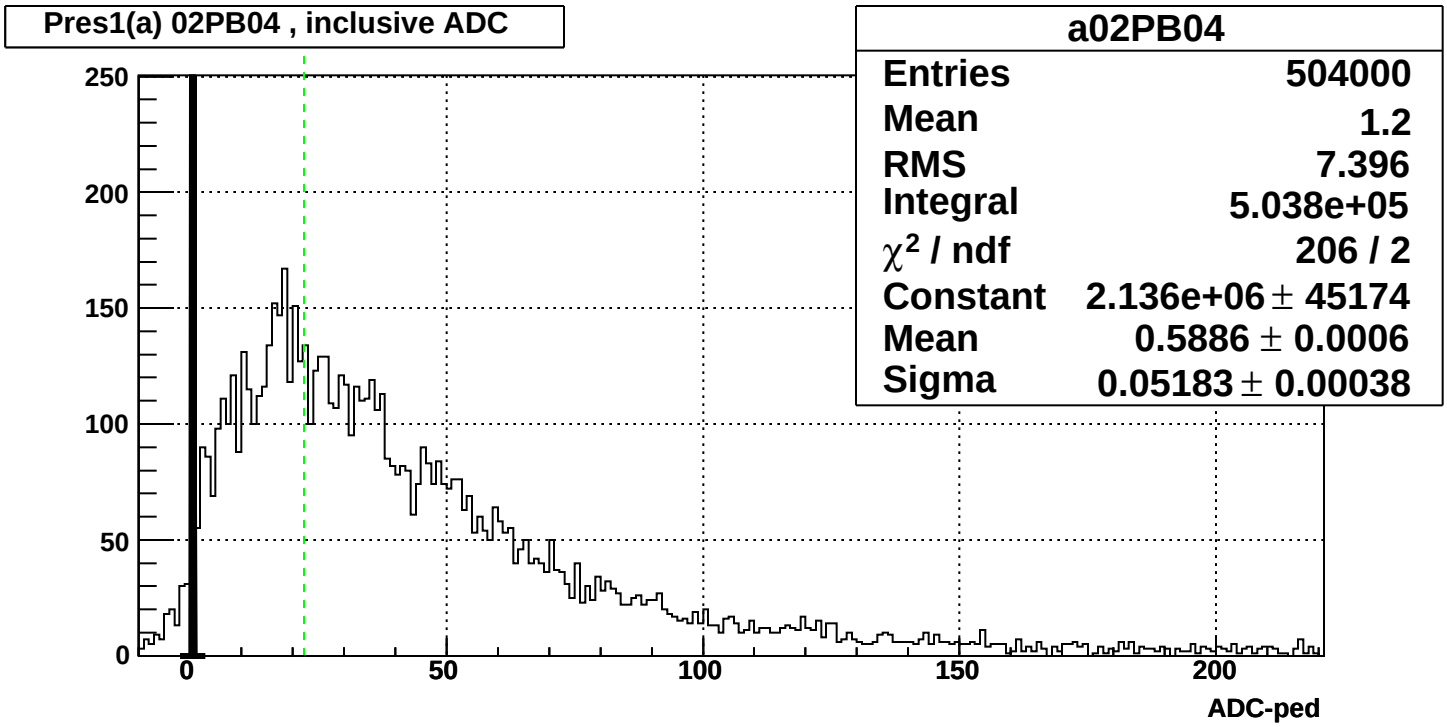

Pres2(d) 01QD04 , ADC, tag: UxV 2*thr
d01QD04
Entries 132
Mean 33.91
RMS 23.95
Integral 132
χ² / ndf 18.53 / 20
ampl-G -1.778 ± 7.178
const-L 49.39 ± 6.83
MPV-L 20.35 ± 6.32
sig-L 11.95 ± 2.84
ADC-ped

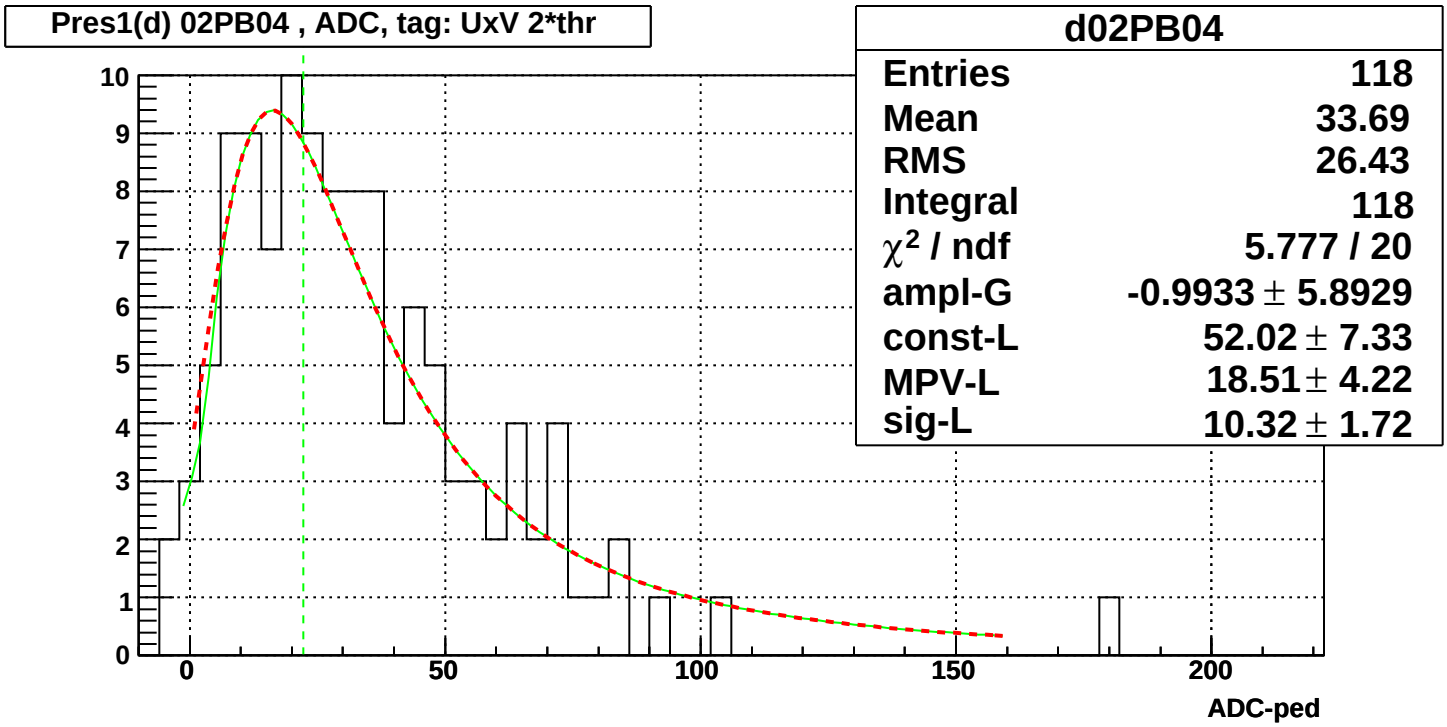

Pres2(a) 01QE04 , inclusive ADC
a01QE04
Entries 504000
Mean 1.405
RMS 9.318
Integral 5.035e+05
χ² / ndf 204 / 2
Constant 1.865e+06 ± 39469
Mean 0.5731 ± 0.0006
Sigma 0.04489 ± 0.00036
ADC-ped

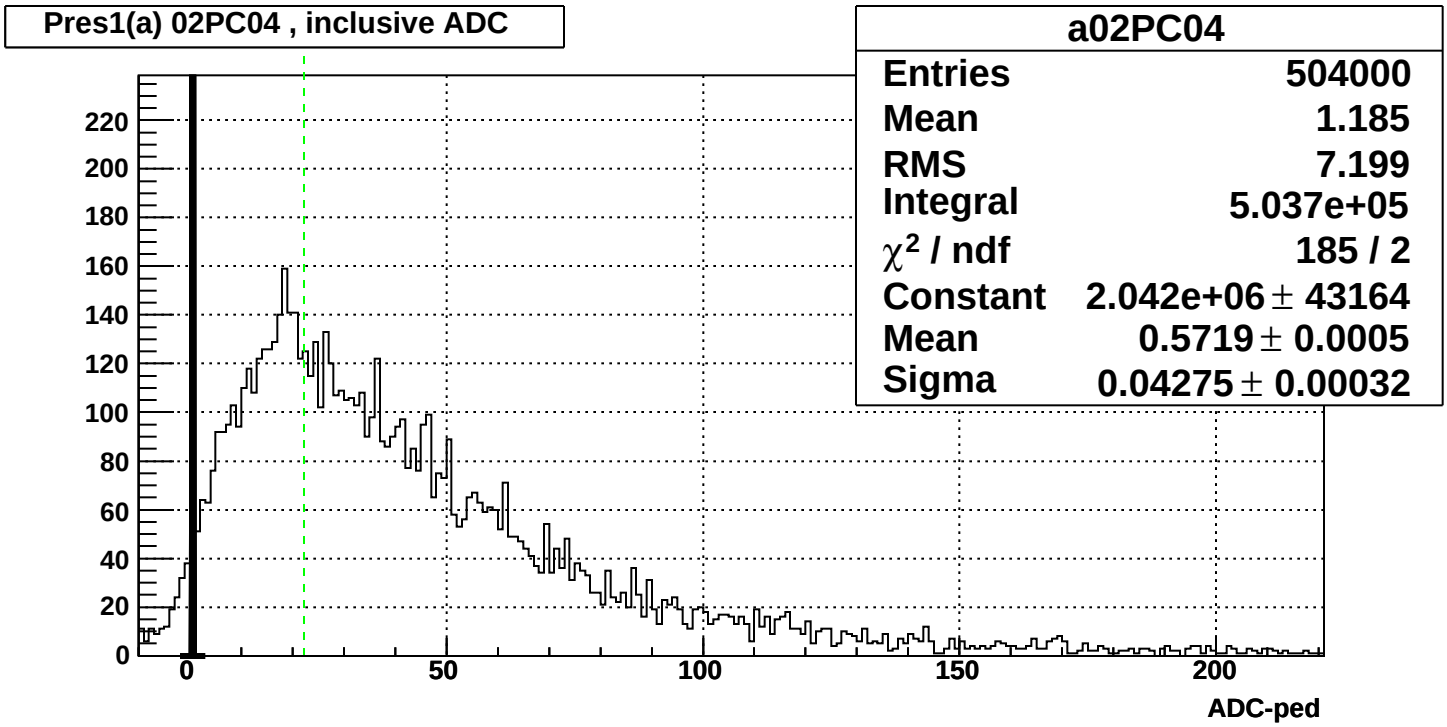

Pres2(d) 01QE04 , ADC, tag: UxV 2*thr
d01QE04
Entries 114
Mean 31.89
RMS 25.64
Integral 113
χ² / ndf 23.78 / 20
ampl-G -7.536 ± 6.763
const-L 51.93 ± 16.99
MPV-L 5.935 ± 12.651
sig-L 10.17 ± 2.64
ADC-ped

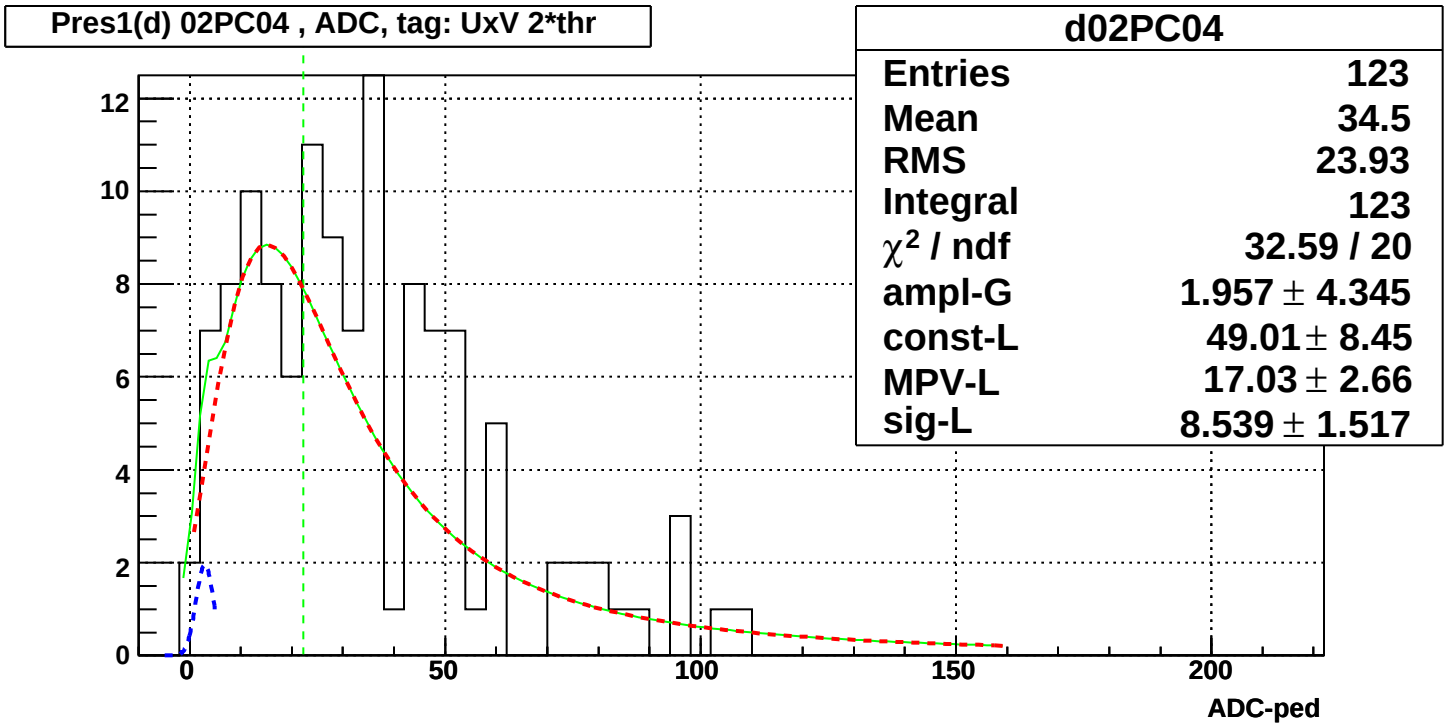

Pres1(a) 02PA04 , inclusive ADC
a02PA04
Entries 504000
Mean 1.231
RMS 7.586
Integral 5.038e+05
χ² / ndf 203 / 2
Constant 1.891e+06 ± 39985
Mean 0.5729 ± 0.0006
Sigma 0.04454 ± 0.00035
ADC-ped

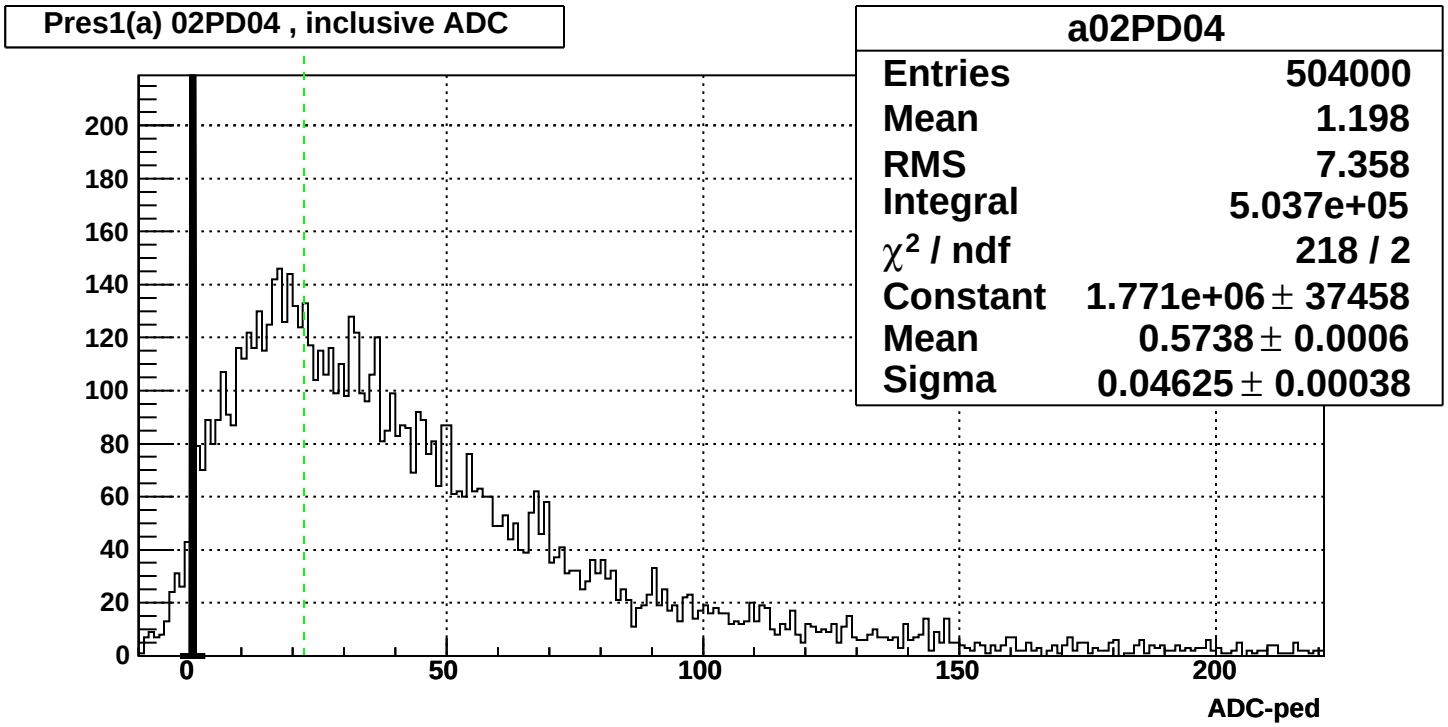

Pres1(d) 02PA04 , ADC, tag: UxV 2*thr
d02PA04
Entries 89
Mean 33.89
RMS 21.31
Integral 89
χ² / ndf 10.98 / 16
ampl-G 2.13 ± 2.65
const-L 36.59 ± 6.58
MPV-L 24.15 ± 3.12
sig-L 10.27 ± 2.29
ADC-ped

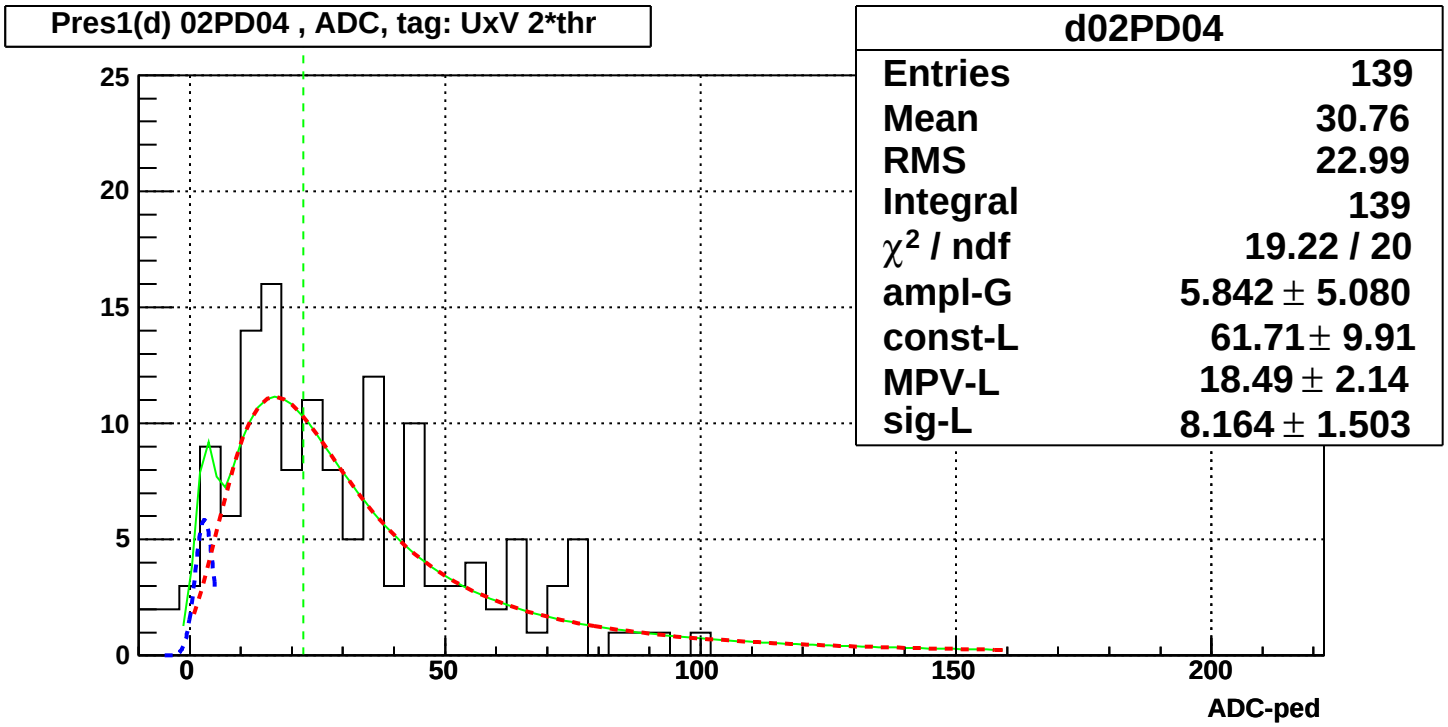

Pres1(a) 02PB04 , inclusive ADC
a02PB04
Entries 504000
Mean 1.2
RMS 7.396
Integral 5.038e+05
χ² / ndf 206 / 2
Constant 2.136e+06 ± 45174
Mean 0.5886 ± 0.0006
Sigma 0.05183 ± 0.00038
ADC-ped

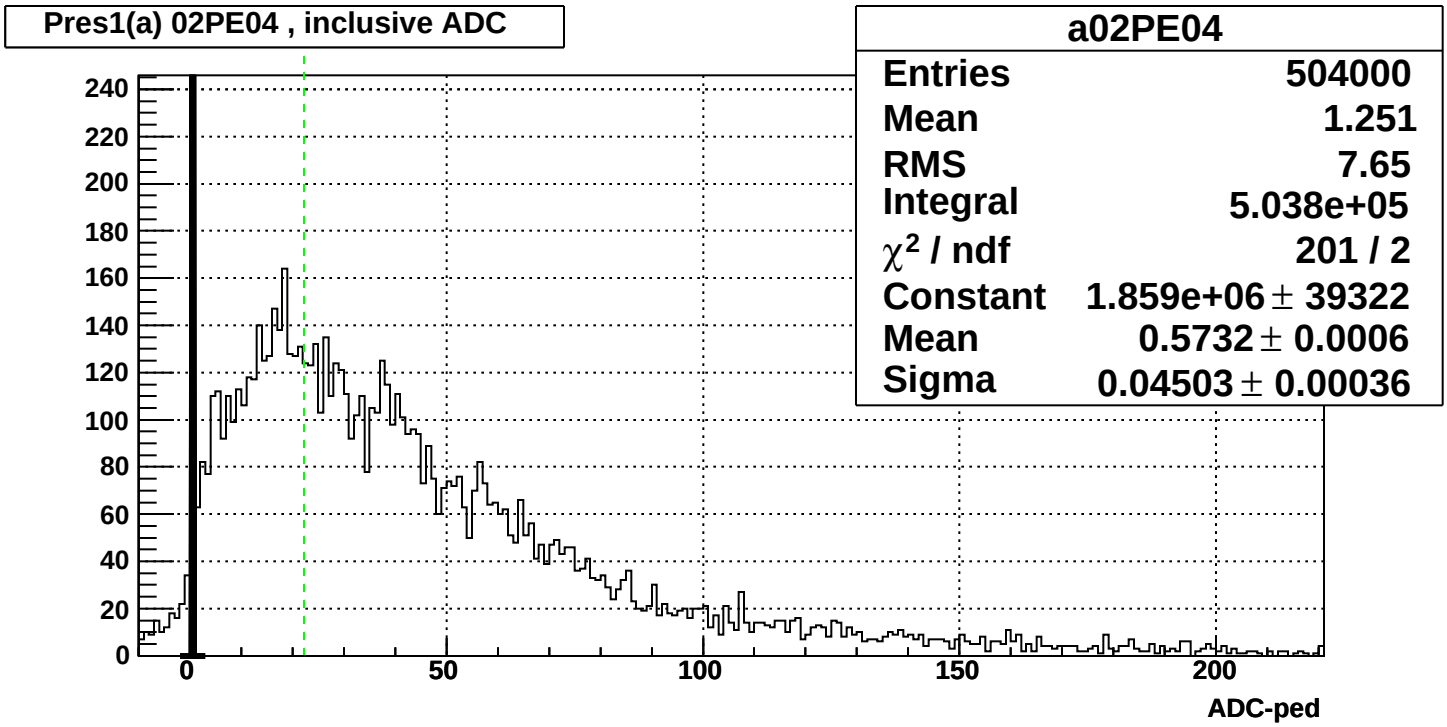

Pres1(d) 02PB04 , ADC, tag: UxV 2*thr
d02PB04
Entries 118
Mean 33.69
RMS 26.43
Integral 118
χ² / ndf 5.777 / 20
ampl-G -0.9933 ± 5.8929
const-L 52.02 ± 7.33
MPV-L 18.51 ± 4.22
sig-L 10.32 ± 1.72
ADC-ped

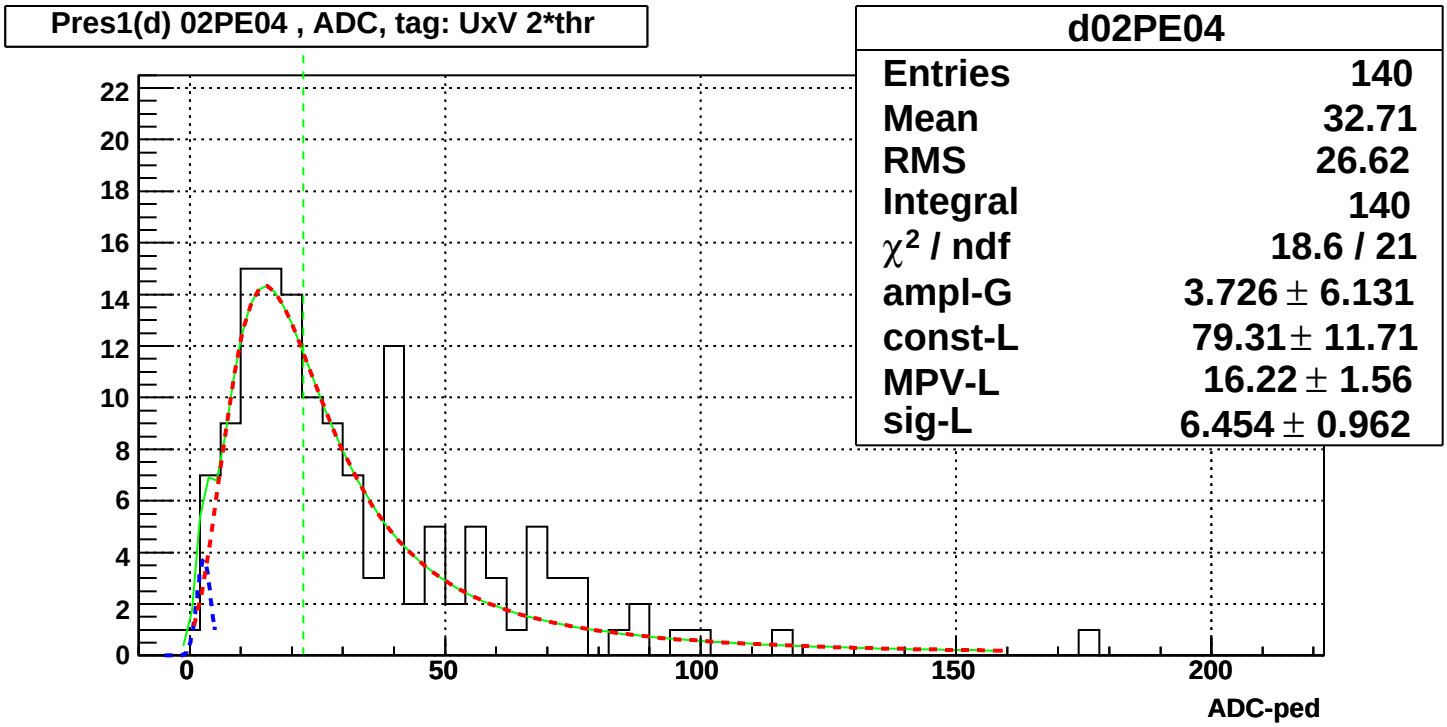

Pres1(a) 02PC04 , inclusive ADC
a02PC04
Entries 504000
Mean 1.185
RMS 7.199
Integral 5.037e+05
χ² / ndf 185 / 2
Constant 2.042e+06 ± 43164
Mean 0.5719 ± 0.0005
Sigma 0.04275 ± 0.00032
ADC-ped

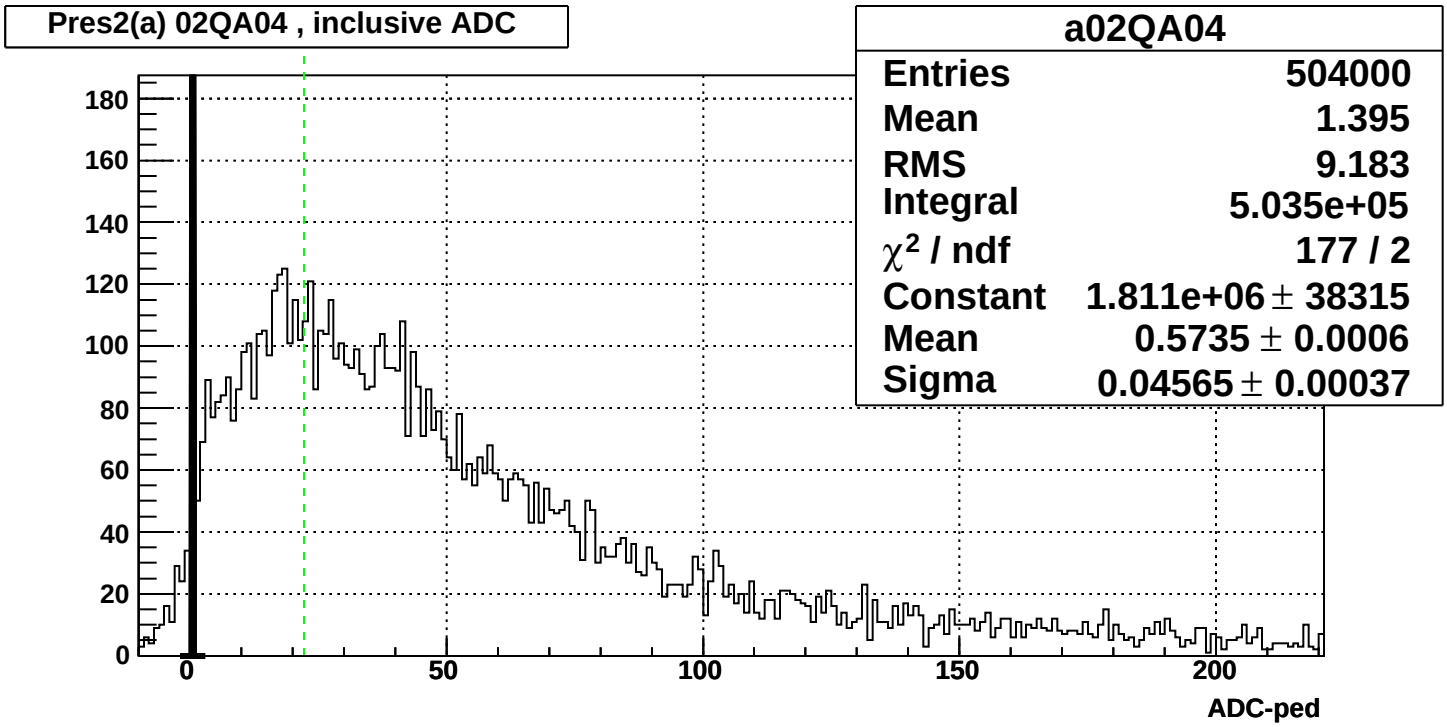

Pres1(d) 02PC04 , ADC, tag: UxV 2*thr
d02PC04
Entries 123
Mean 34.5
RMS 23.93
Integral 123
χ² / ndf 32.59 / 20
ampl-G 1.957 ± 4.345
const-L 49.01 ± 8.45
MPV-L 17.03 ± 2.66
sig-L 8.539 ± 1.517
ADC-ped

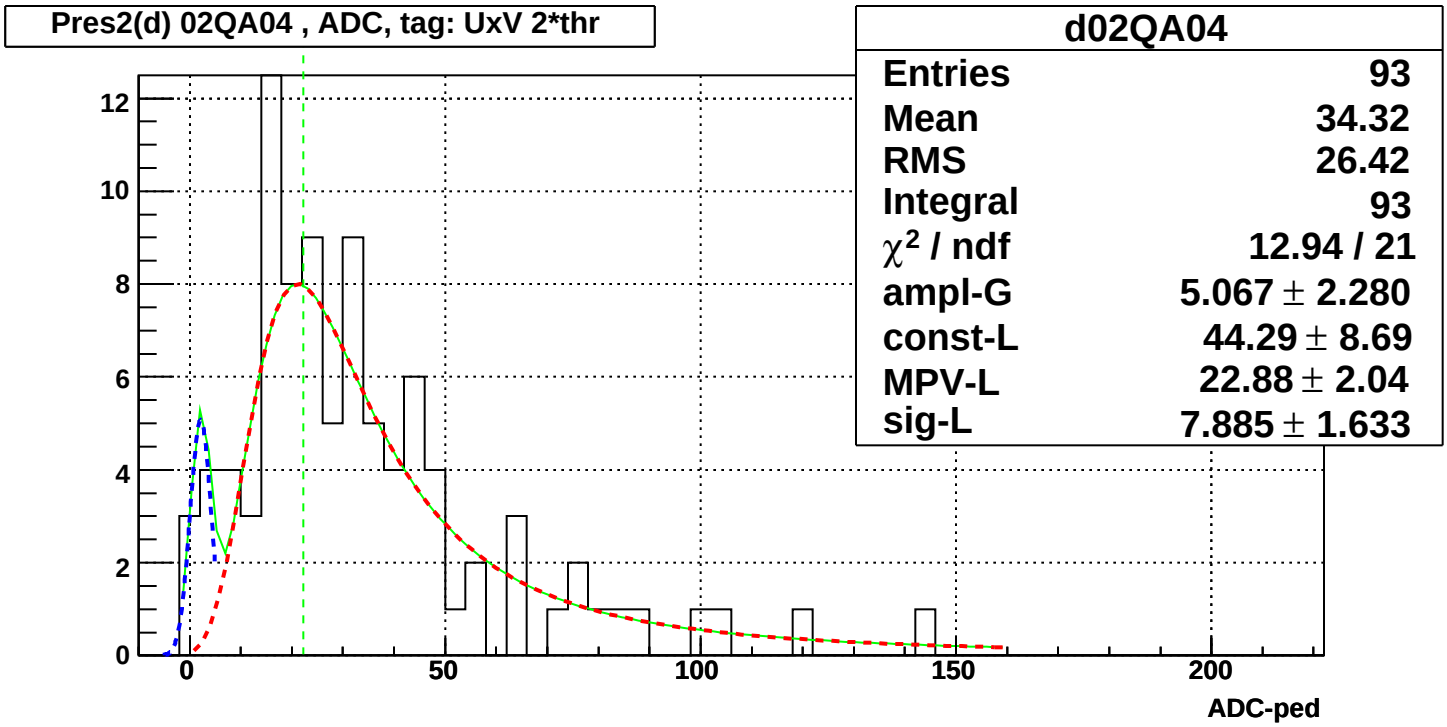

Pres1(a) 02PD04 , inclusive ADC
a02PD04
Entries 504000
Mean 1.198
RMS 7.358
Integral 5.037e+05
χ² / ndf 218 / 2
Constant 1.771e+06 ± 37458
Mean 0.5738 ± 0.0006
Sigma 0.04625 ± 0.00038
ADC-ped

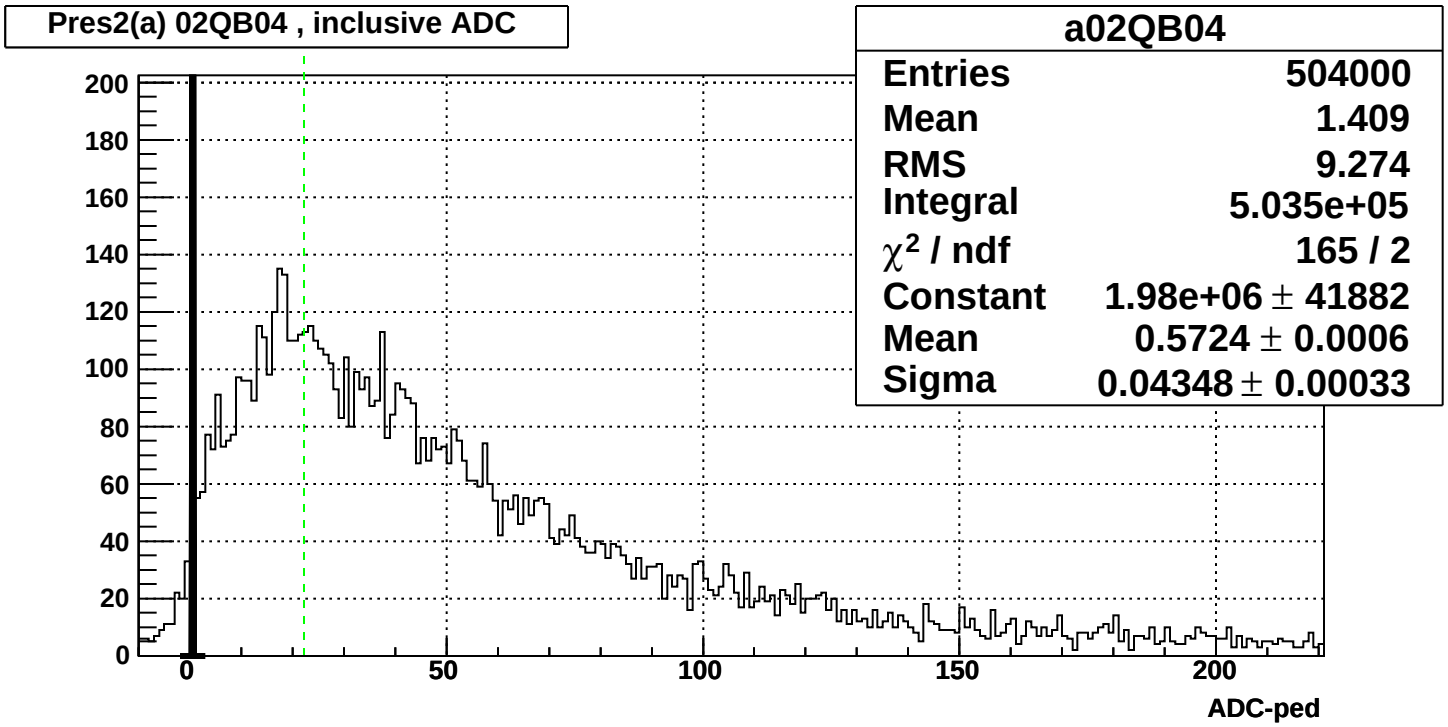

Pres1(d) 02PD04 , ADC, tag: UxV 2*thr
d02PD04
Entries 139
Mean 30.76
RMS 22.99
Integral 139
χ² / ndf 19.22 / 20
ampl-G 5.842 ± 5.080
const-L 61.71 ± 9.91
MPV-L 18.49 ± 2.14
sig-L 8.164 ± 1.503
ADC-ped

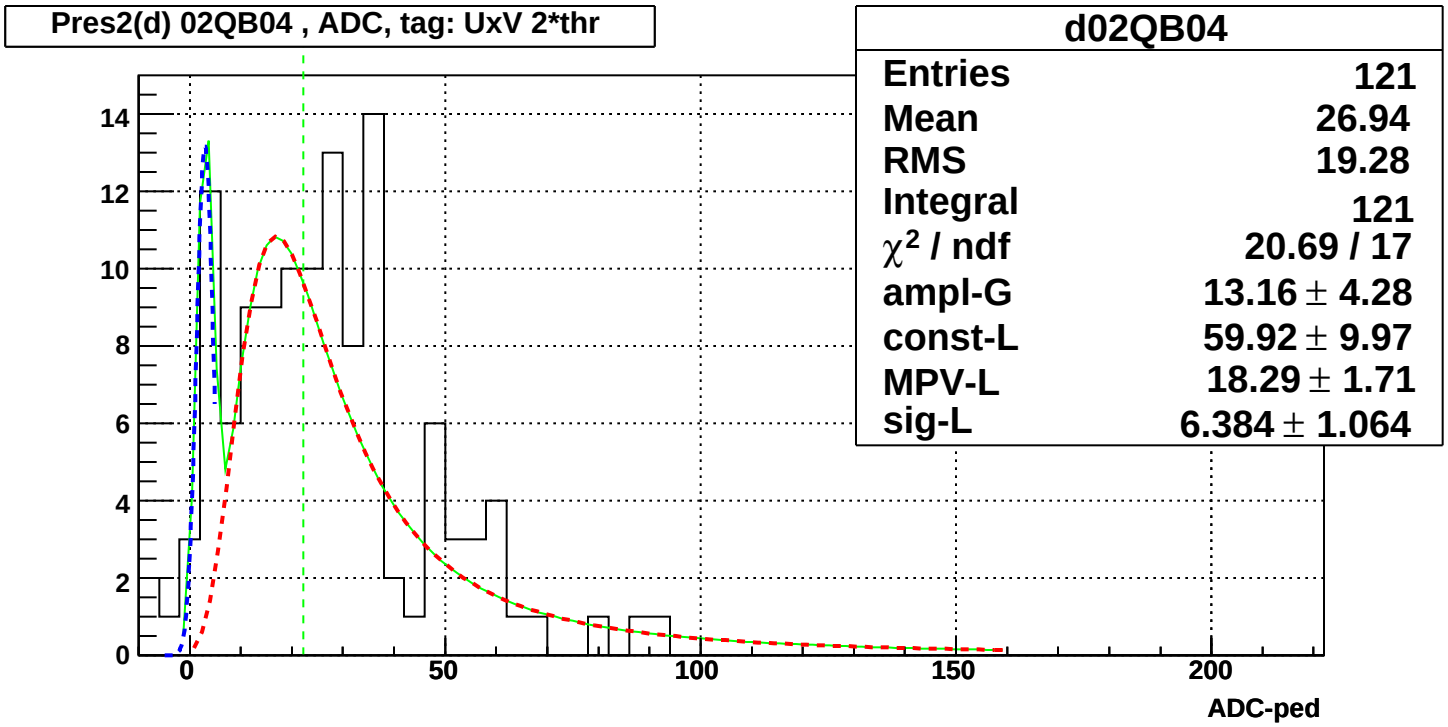

Pres1(a) 02PE04 , inclusive ADC
a02PE04
Entries 504000
Mean 1.251
RMS 7.65
Integral 5.038e+05
χ² / ndf 201 / 2
Constant 1.859e+06 ± 39322
Mean 0.5732 ± 0.0006
Sigma 0.04503 ± 0.00036
ADC-ped

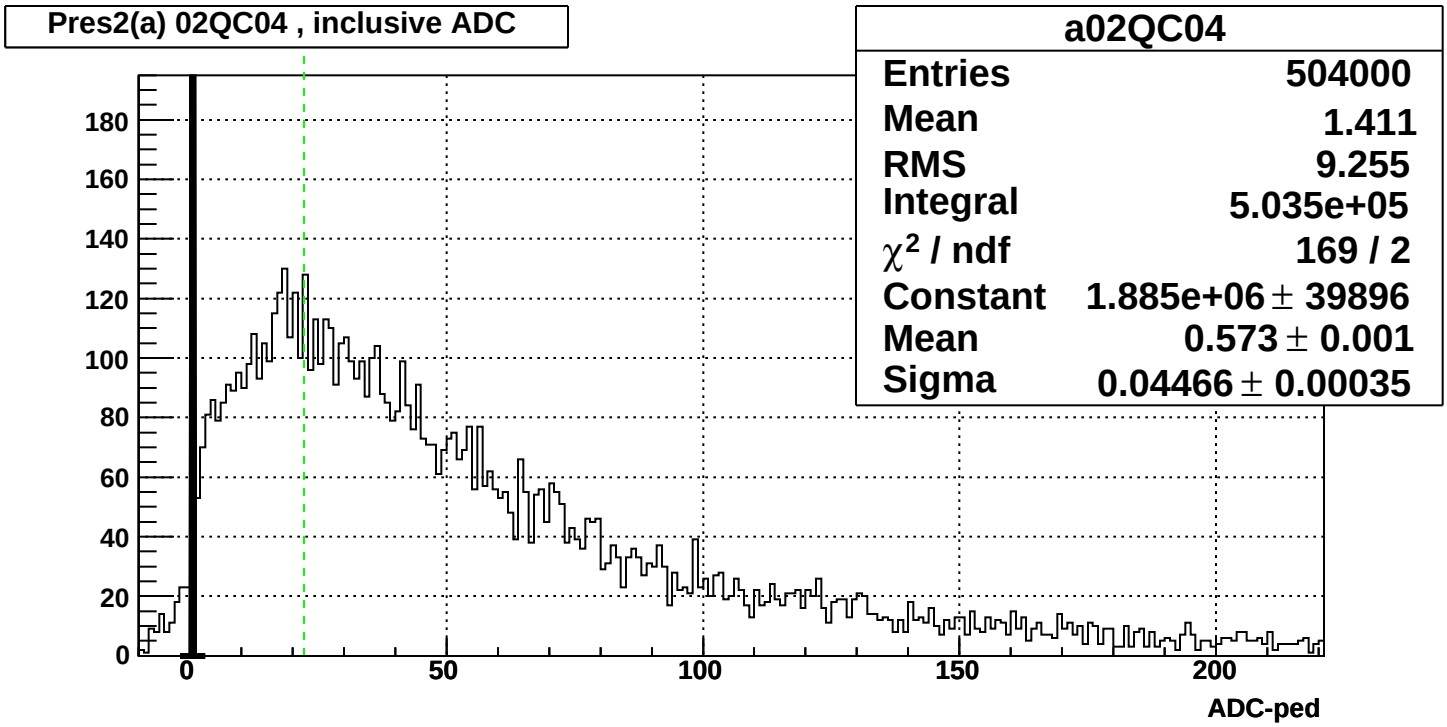

Pres1(d) 02PE04 , ADC, tag: UxV 2*thr
d02PE04
Entries 140
Mean 32.71
RMS 26.62
Integral 140
χ² / ndf 18.6 / 21
ampl-G 3.726 ± 6.131
const-L 79.31 ± 11.71
MPV-L 16.22 ± 1.56
sig-L 6.454 ± 0.962
ADC-ped

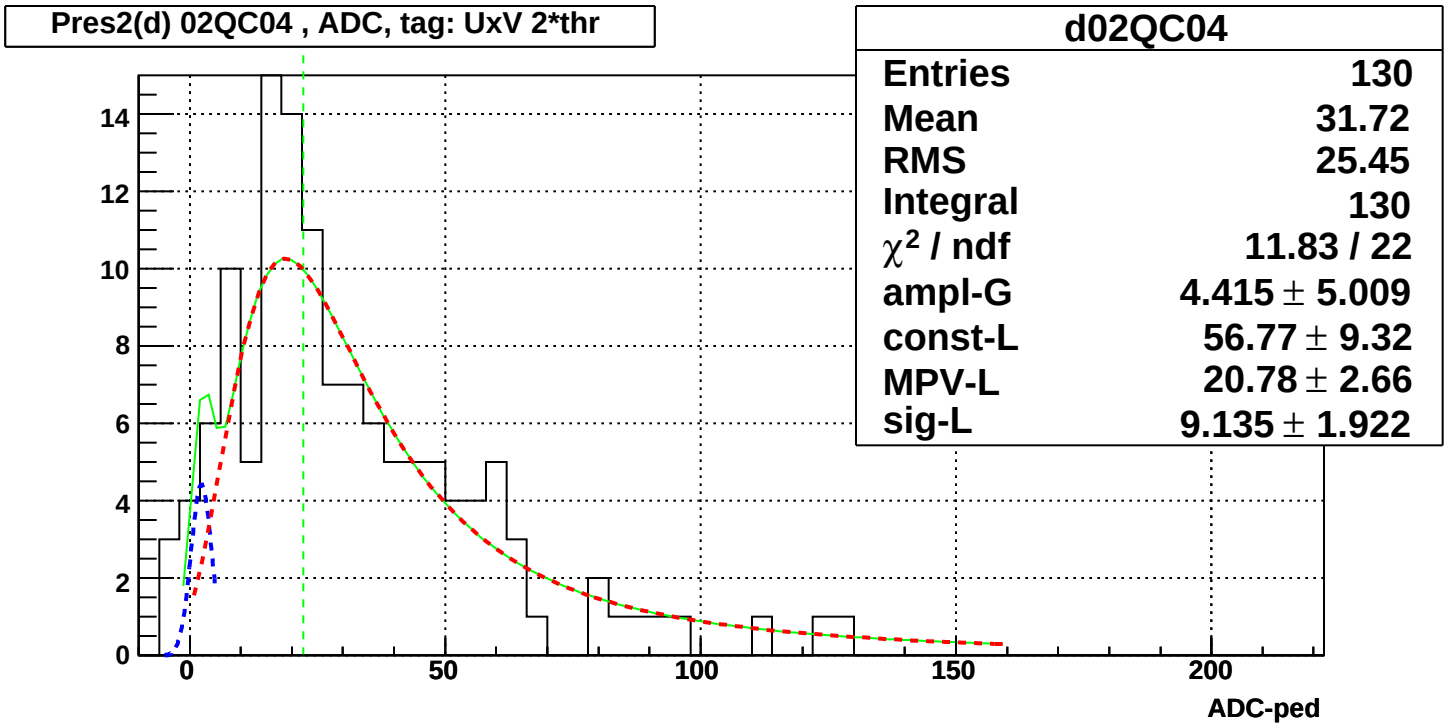

Pres2(a) 02QA04 , inclusive ADC
a02QA04
Entries 504000
Mean 1.395
RMS 9.183
Integral 5.035e+05
χ² / ndf 177 / 2
Constant 1.811e+06 ± 38315
Mean 0.5735 ± 0.0006
Sigma 0.04565 ± 0.00037
ADC-ped

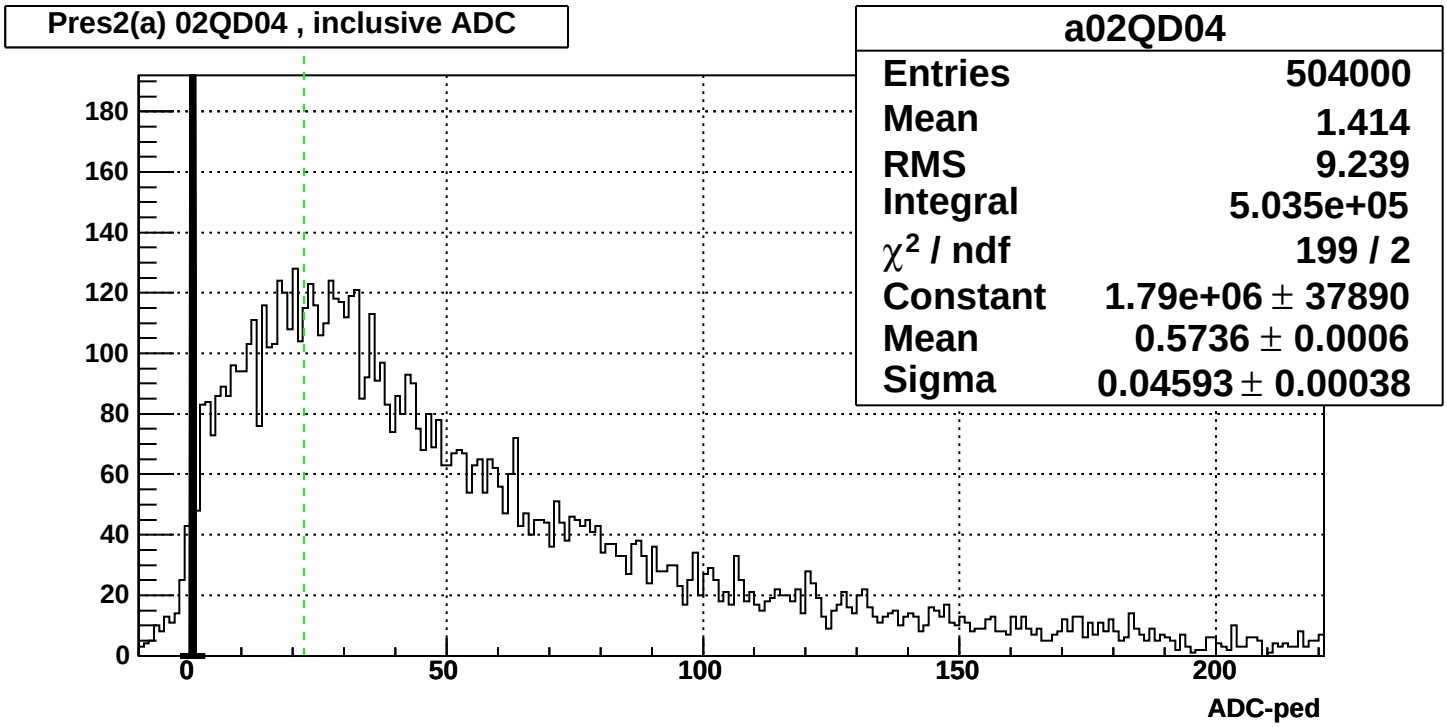

Pres2(d) 02QA04 , ADC, tag: UxV 2*thr
d02QA04
Entries 93
Mean 34.32
RMS 26.42
Integral 93
χ² / ndf 12.94 / 21
ampl-G 5.067 ± 2.280
const-L 44.29 ± 8.69
MPV-L 22.88 ± 2.04
sig-L 7.885 ± 1.633
ADC-ped

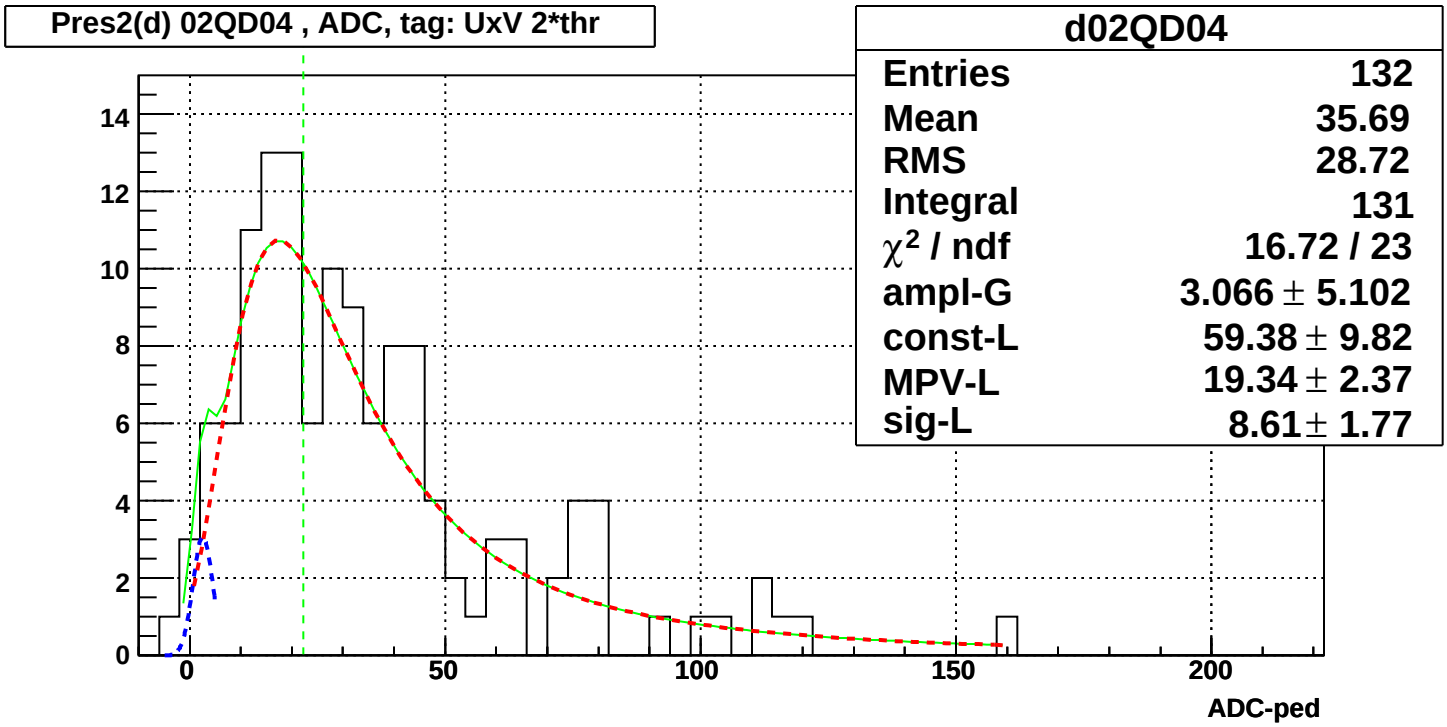

Pres2(a) 02QB04 , inclusive ADC
a02QB04
Entries 504000
Mean 1.409
RMS 9.274
Integral 5.035e+05
χ² / ndf 165 / 2
Constant 1.98e+06 ± 41882
Mean 0.5724 ± 0.0006
Sigma 0.04348 ± 0.00033
ADC-ped

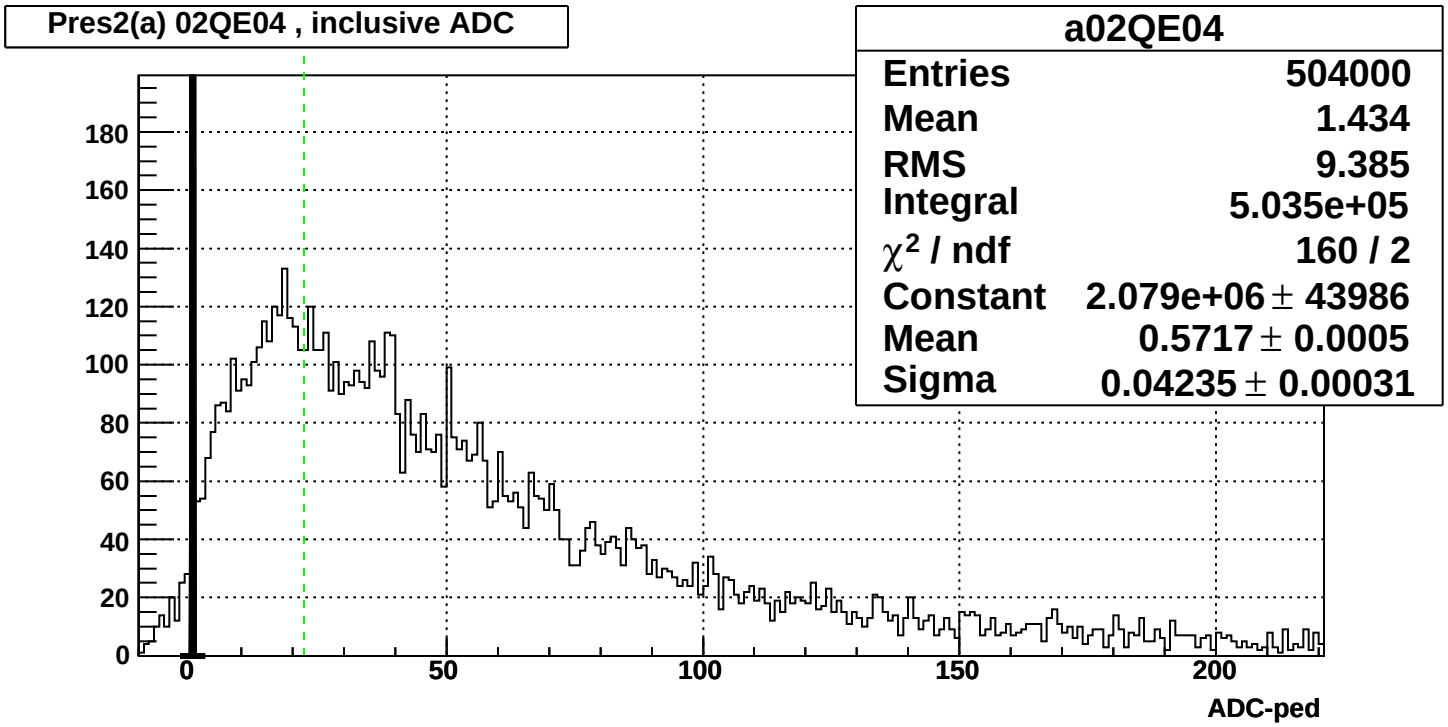

Pres2(d) 02QB04 , ADC, tag: UxV 2*thr
d02QB04
Entries 121
Mean 26.94
RMS 19.28
Integral 121
χ² / ndf 20.69 / 17
ampl-G 13.16 ± 4.28
const-L 59.92 ± 9.97
MPV-L 18.29 ± 1.71
sig-L 6.384 ± 1.064
ADC-ped

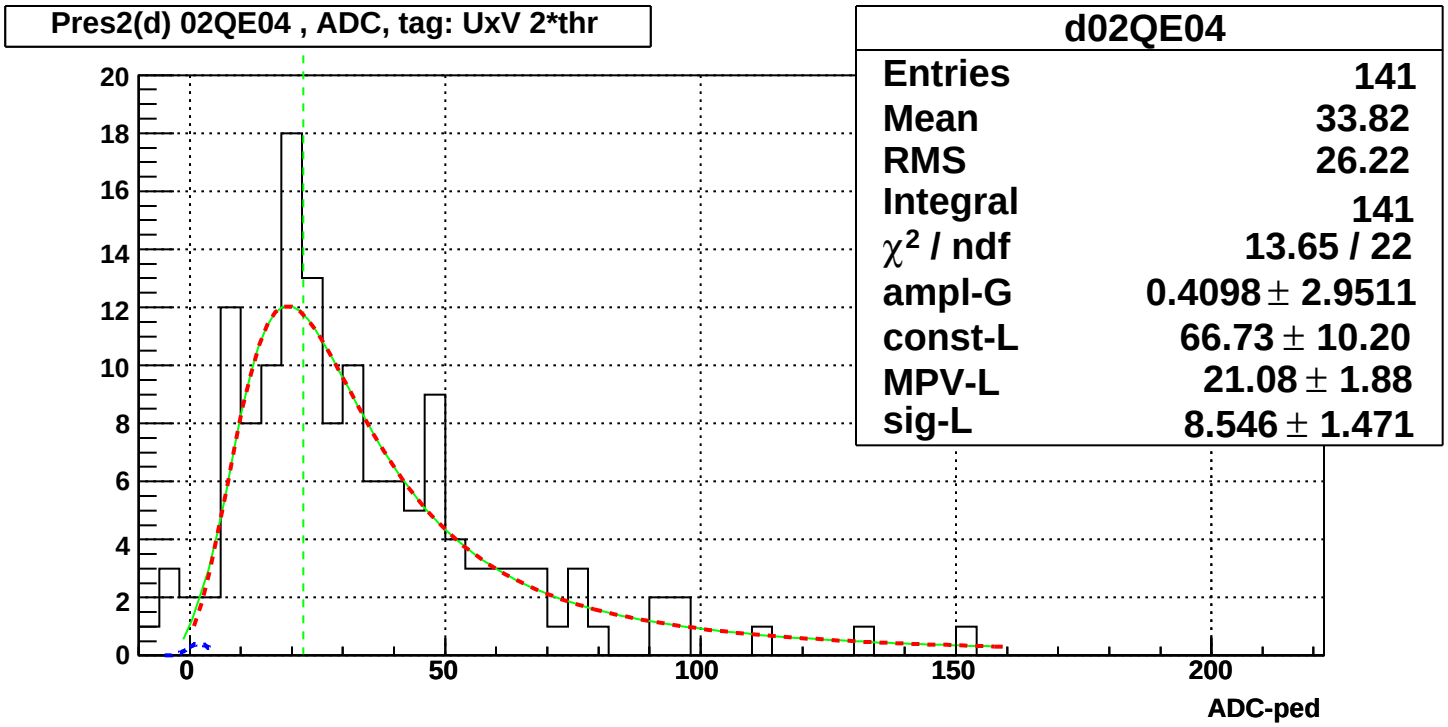

Pres2(a) 02QC04 , inclusive ADC
a02QC04
Entries 504000
Mean 1.411
RMS 9.255
Integral 5.035e+05
χ² / ndf 169 / 2
Constant 1.885e+06 ± 39896
Mean 0.573 ± 0.001
Sigma 0.04466 ± 0.00035
ADC-ped

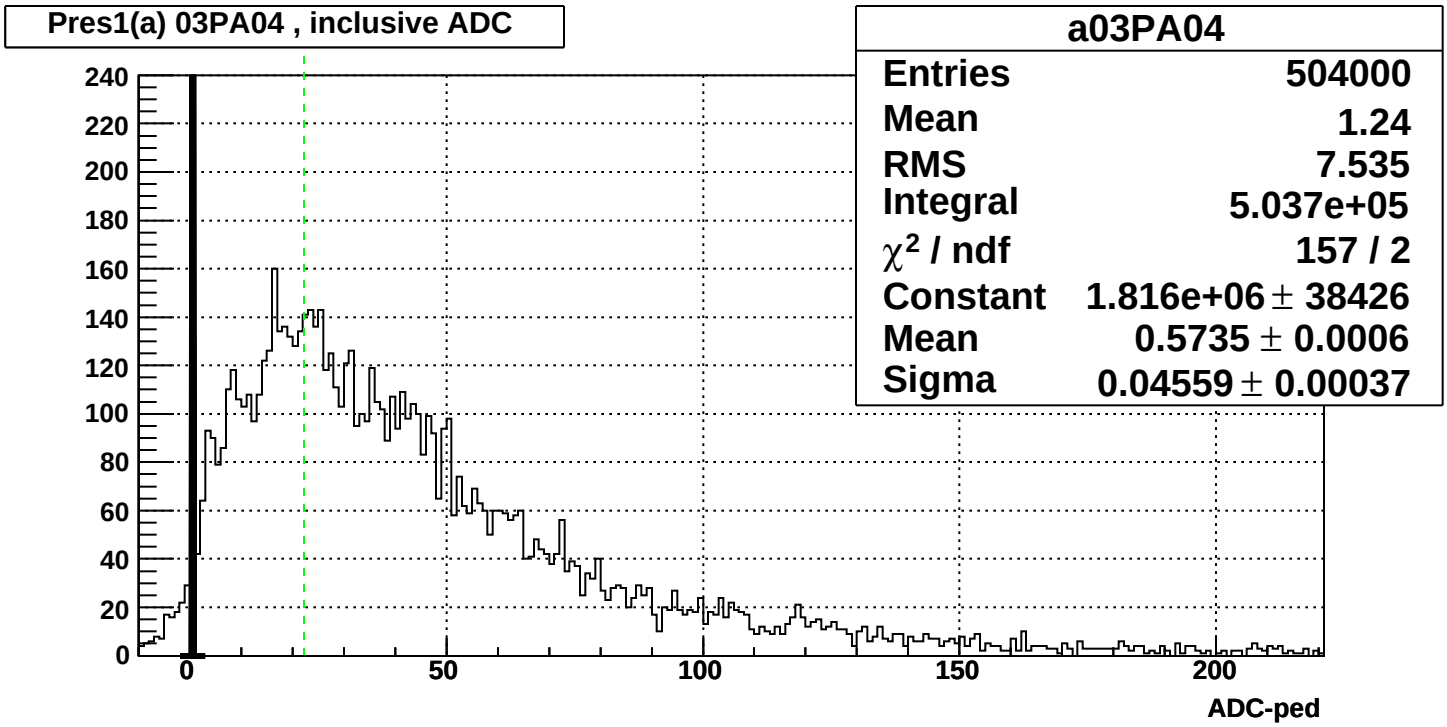

Pres2(d) 02QC04 , ADC, tag: UxV 2*thr
d02QC04
Entries 130
Mean 31.72
RMS 25.45
Integral 130
χ² / ndf 11.83 / 22
ampl-G 4.415 ± 5.009
const-L 56.77 ± 9.32
MPV-L 20.78 ± 2.66
sig-L 9.135 ± 1.922
ADC-ped

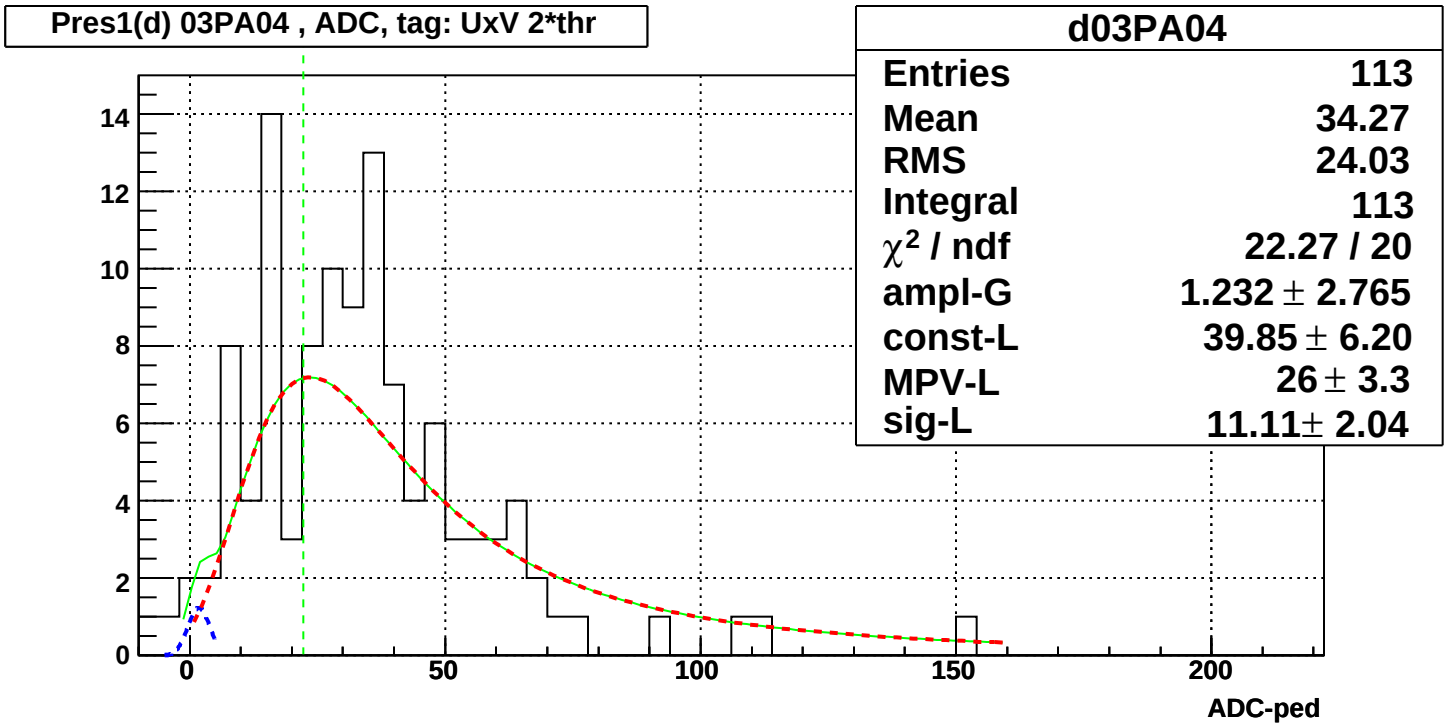

Pres2(a) 02QD04 , inclusive ADC
a02QD04
Entries 504000
Mean 1.414
RMS 9.239
Integral 5.035e+05
χ² / ndf 199 / 2
Constant 1.79e+06 ± 37890
Mean 0.5736 ± 0.0006
Sigma 0.04593 ± 0.00038
ADC-ped

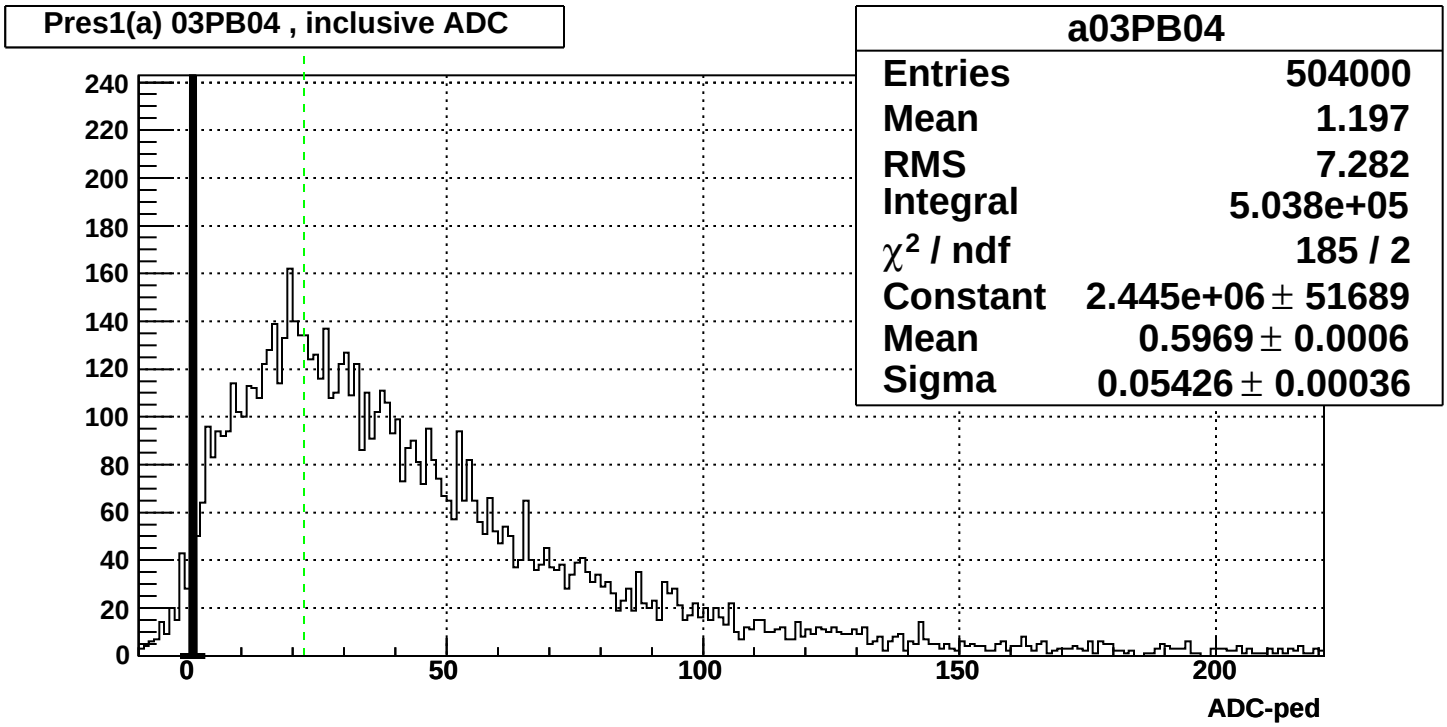

Pres2(d) 02QD04 , ADC, tag: UxV 2*thr
d02QD04
Entries 132
Mean 35.69
RMS 28.72
Integral 131
χ² / ndf 16.72 / 23
ampl-G 3.066 ± 5.102
const-L 59.38 ± 9.82
MPV-L 19.34 ± 2.37
sig-L 8.61 ± 1.77
ADC-ped

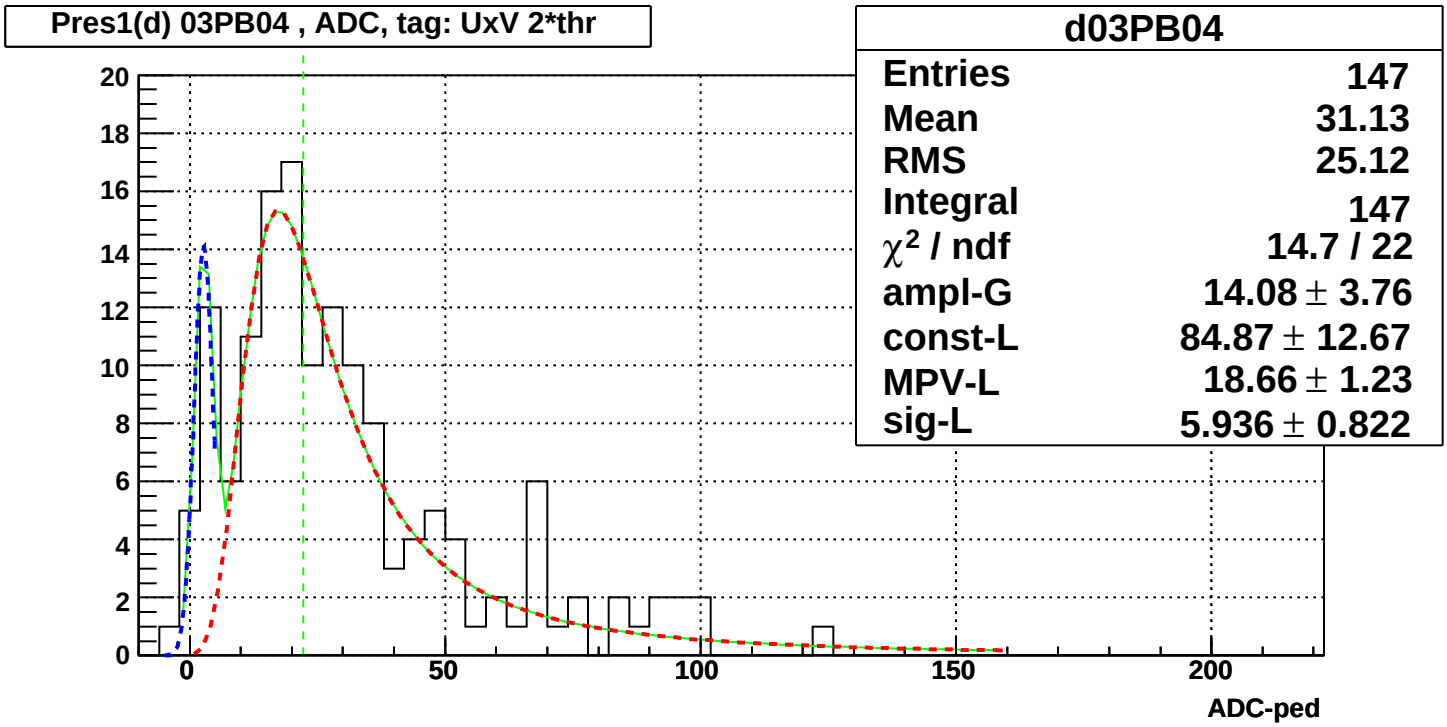

Pres2(a) 02QE04 , inclusive ADC
a02QE04
Entries 504000
Mean 1.434
RMS 9.385
Integral 5.035e+05
χ² / ndf 160 / 2
Constant 2.079e+06 ± 43986
Mean 0.5717 ± 0.0005
Sigma 0.04235 ± 0.00031
ADC-ped

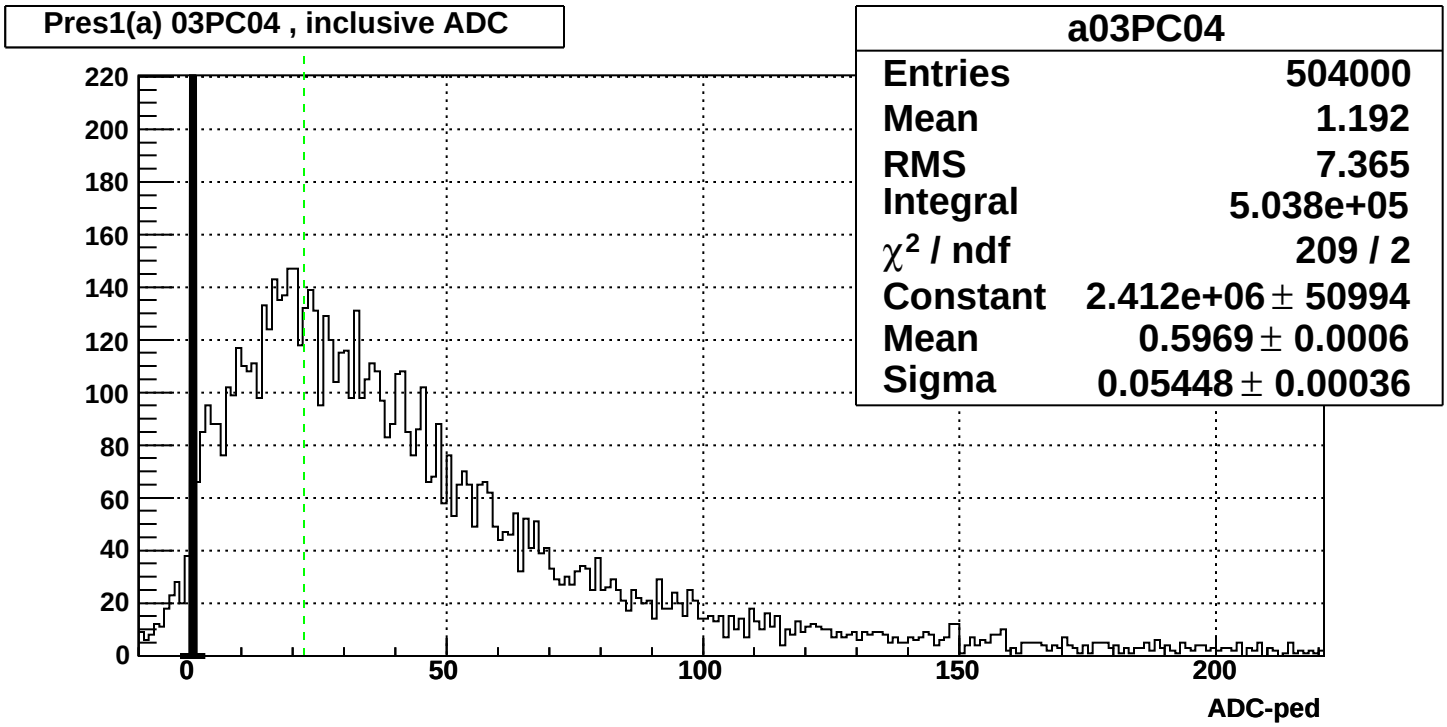

Pres2(d) 02QE04 , ADC, tag: UxV 2*thr
d02QE04
Entries 141
Mean 33.82
RMS 26.22
Integral 141
χ² / ndf 13.65 / 22
ampl-G 0.4098 ± 2.9511
const-L 66.73 ± 10.20
MPV-L 21.08 ± 1.88
sig-L 8.546 ± 1.471
ADC-ped

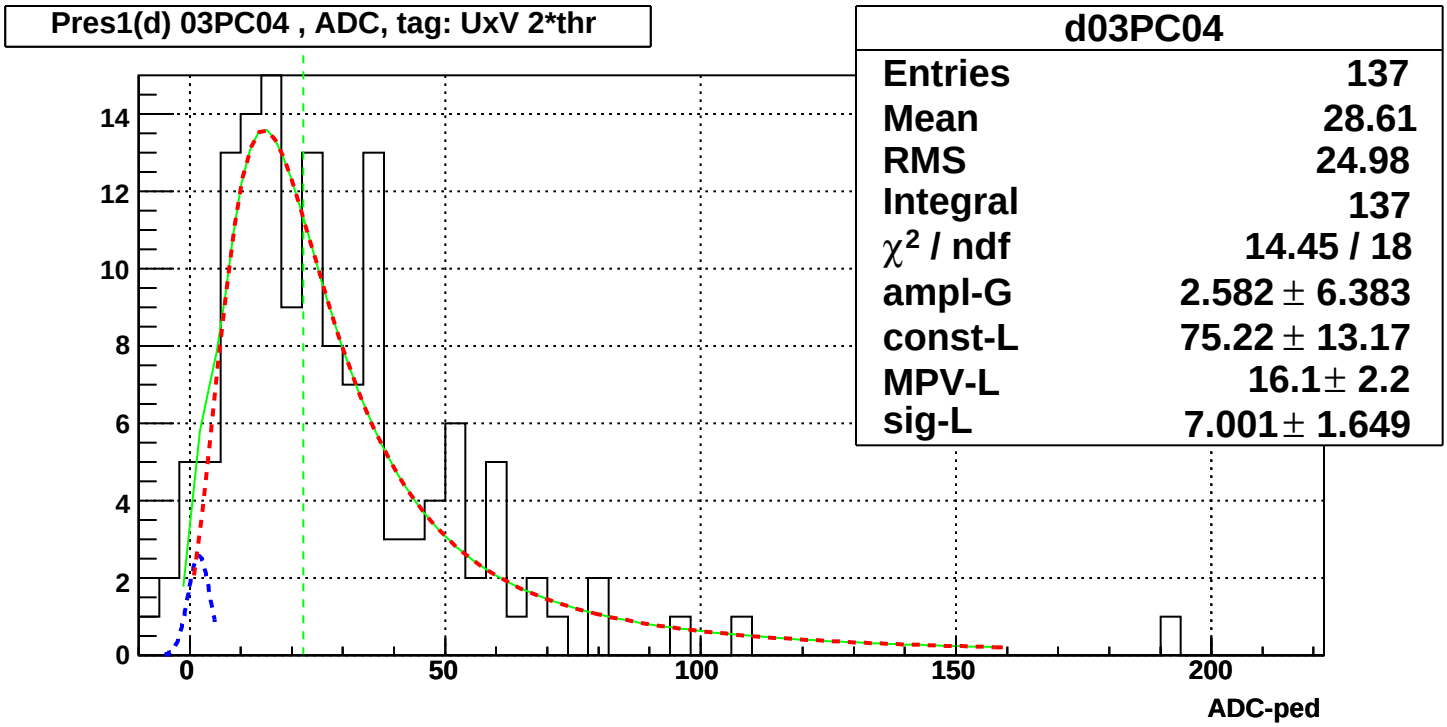

Pres1(a) 03PA04 , inclusive ADC
a03PA04
Entries 504000
Mean 1.24
RMS 7.535
Integral 5.037e+05
χ² / ndf 157 / 2
Constant 1.816e+06 ± 38426
Mean 0.5735 ± 0.0006
Sigma 0.04559 ± 0.00037
ADC-ped

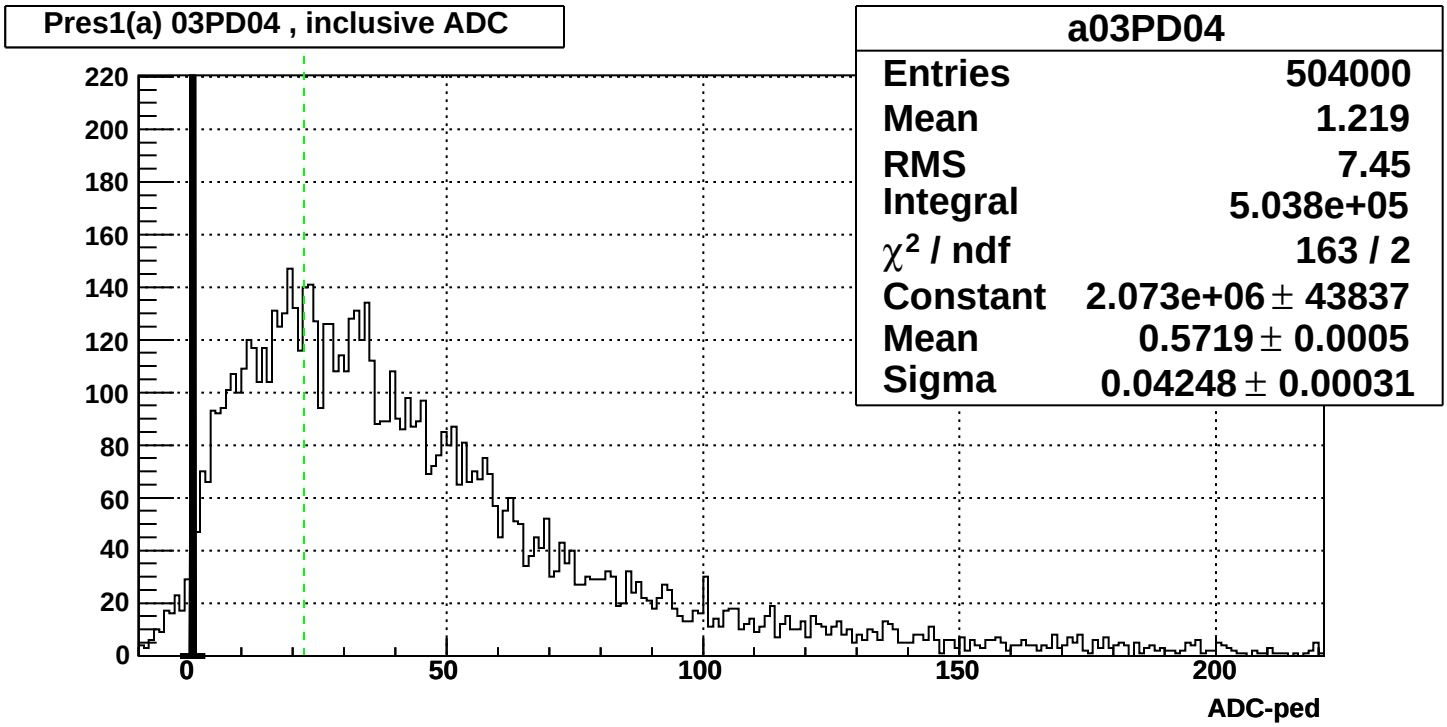

Pres1(d) 03PA04 , ADC, tag: UxV 2*thr
d03PA04
Entries 113
Mean 34.27
RMS 24.03
Integral 113
χ² / ndf 22.27 / 20
ampl-G 1.232 ± 2.765
const-L 39.85 ± 6.20
MPV-L 26 ± 3.3
sig-L 11.11± 2.04
ADC-ped

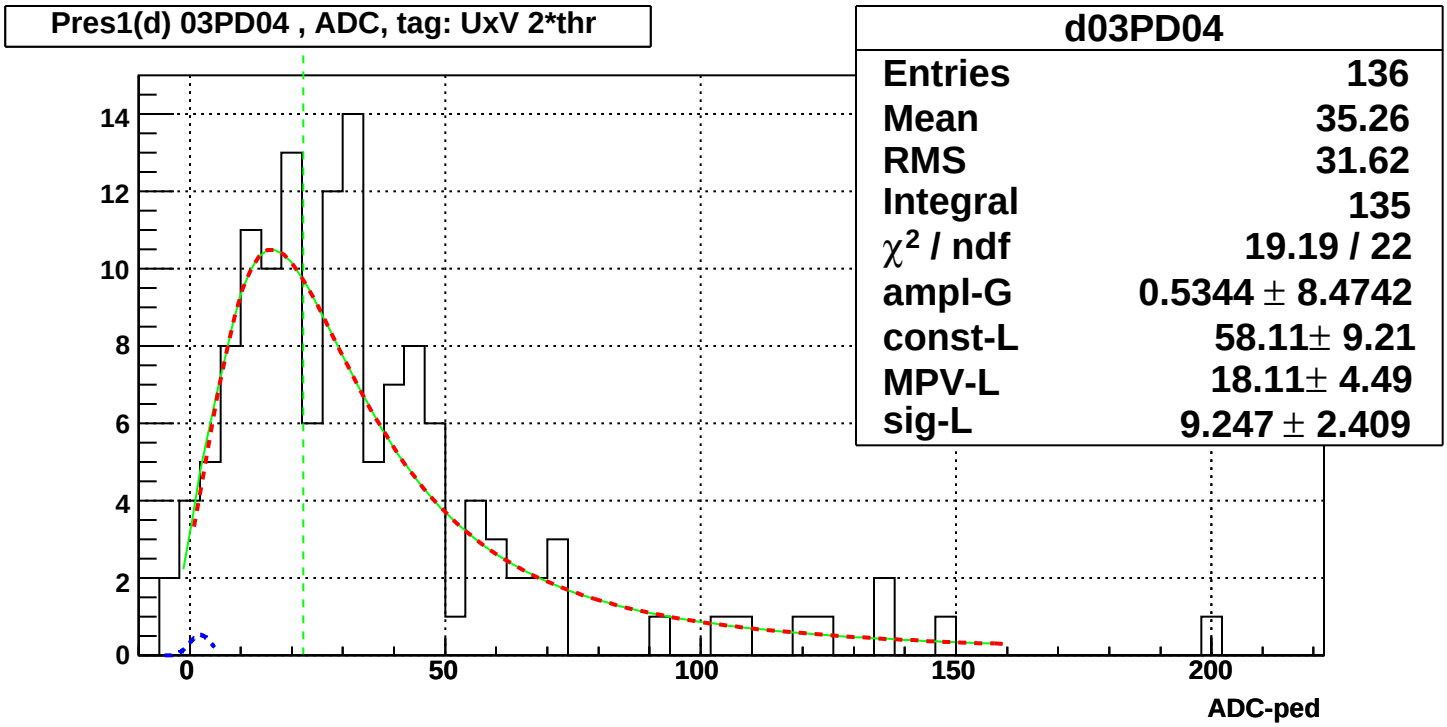

Pres1(a) 03PB04 , inclusive ADC
a03PB04
Entries 504000
Mean 1.197
RMS 7.282
Integral 5.038e+05
χ² / ndf 185 / 2
Constant 2.445e+06 ± 51689
Mean 0.5969 ± 0.0006
Sigma 0.05426 ± 0.00036
ADC-ped

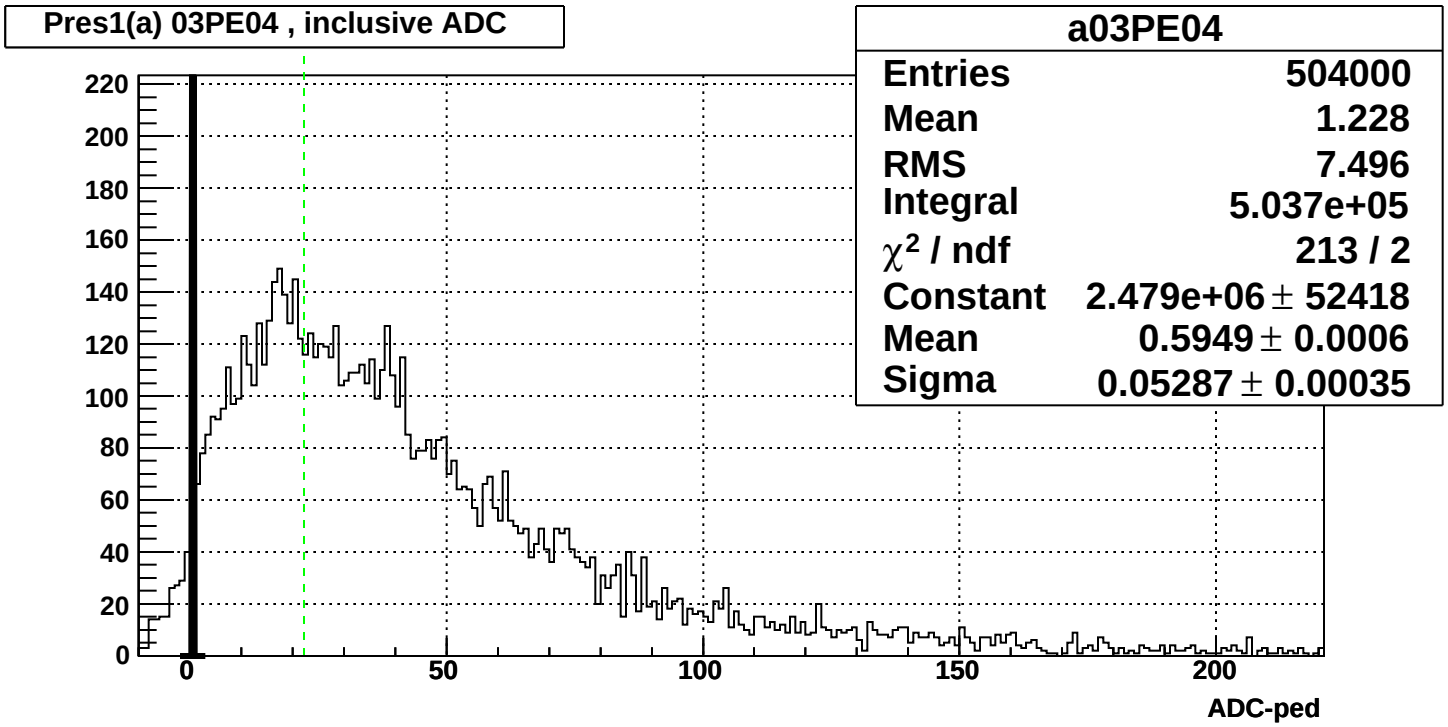

Pres1(d) 03PB04 , ADC, tag: UxV 2*thr
d03PB04
Entries 147
Mean 31.13
RMS 25.12
Integral 147
χ² / ndf 14.7 / 22
ampl-G 14.08 ± 3.76
const-L 84.87 ± 12.67
MPV-L 18.66 ± 1.23
sig-L 5.936 ± 0.822
ADC-ped

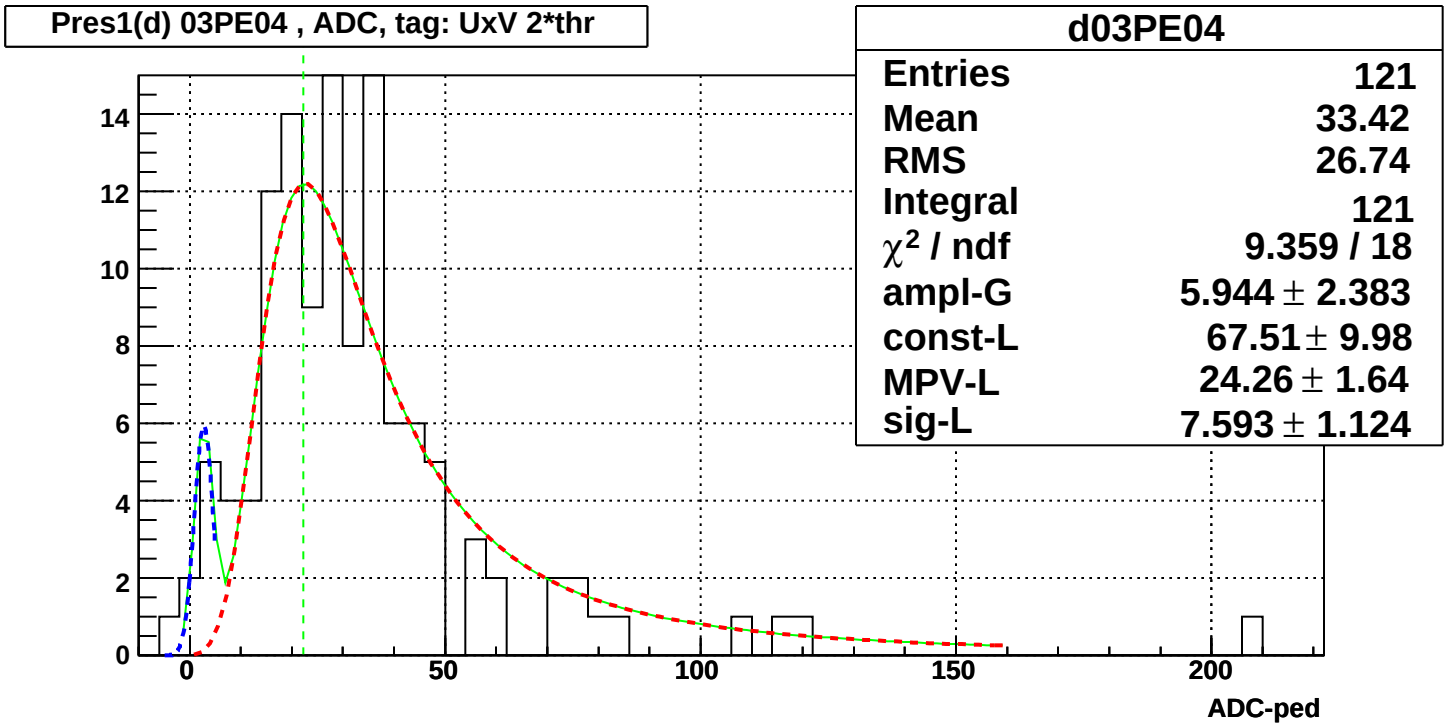

Pres1(a) 03PC04 , inclusive ADC
a03PC04
Entries 504000
Mean 1.192
RMS 7.365
Integral 5.038e+05
χ² / ndf 209 / 2
Constant 2.412e+06 ± 50994
Mean 0.5969 ± 0.0006
Sigma 0.05448 ± 0.00036
ADC-ped

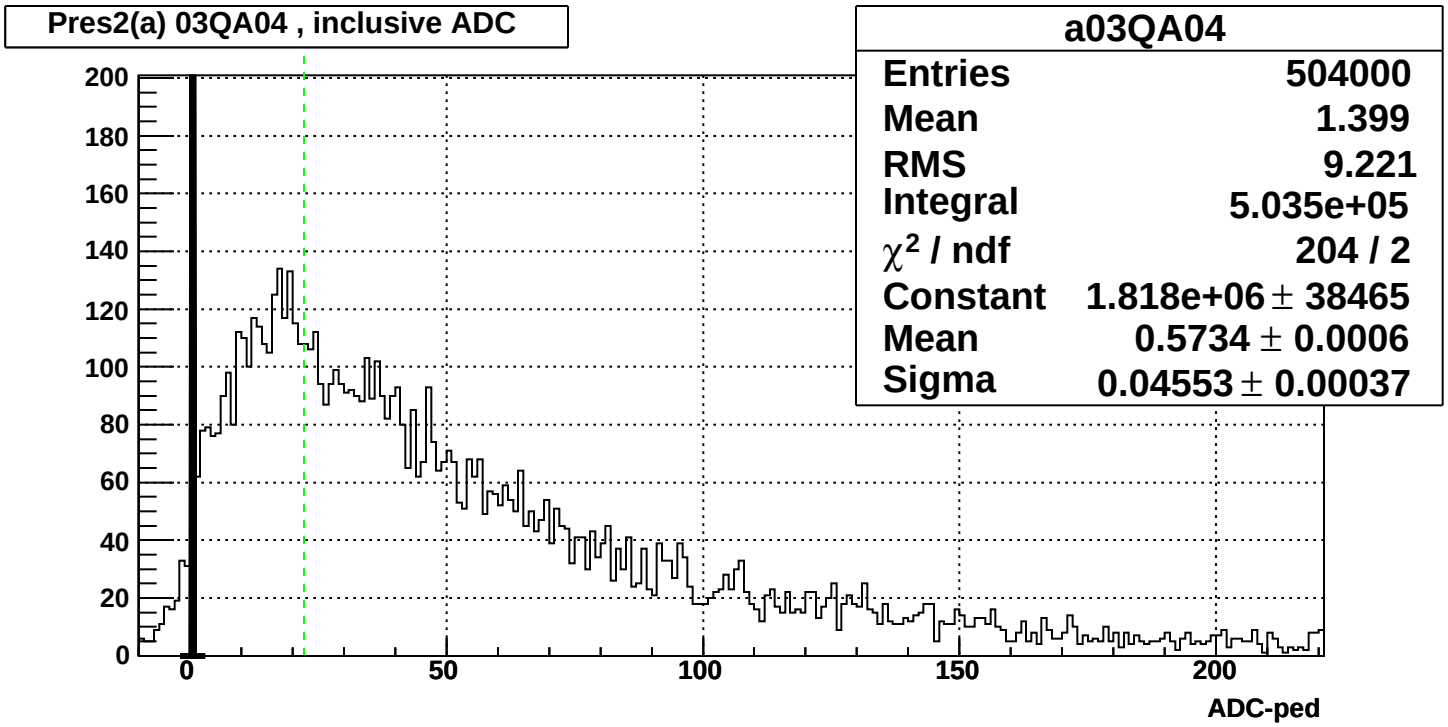

Pres1(d) 03PC04 , ADC, tag: UxV 2*thr
d03PC04
Entries 137
Mean 28.61
RMS 24.98
Integral 137
χ² / ndf 14.45 / 18
ampl-G 2.582 ± 6.383
const-L 75.22 ± 13.17
MPV-L 16.1 ± 2.2
sig-L 7.001 ± 1.649
ADC-ped

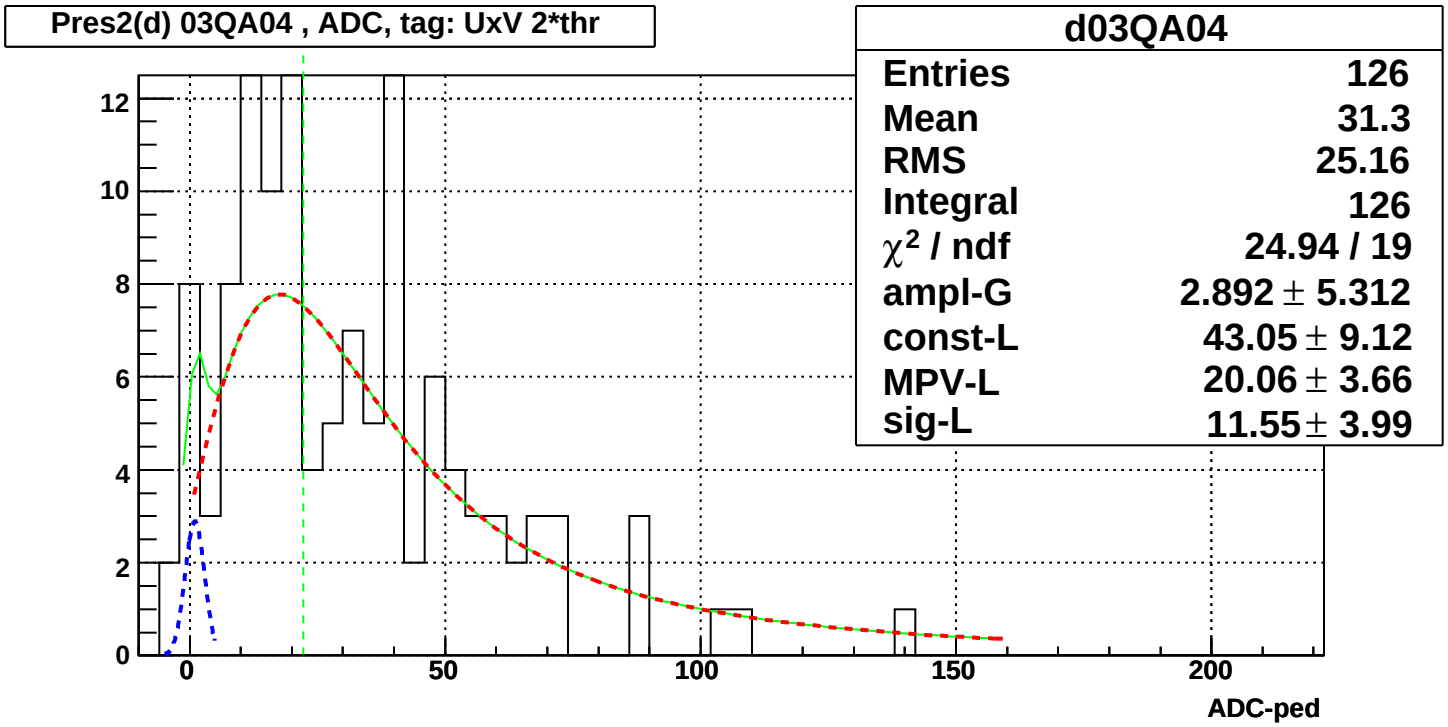

Pres1(a) 03PD04 , inclusive ADC
a03PD04
Entries 504000
Mean 1.219
RMS 7.45
Integral 5.038e+05
χ² / ndf 163 / 2
Constant 2.073e+06 ± 43837
Mean 0.5719 ± 0.0005
Sigma 0.04248 ± 0.00031
ADC-ped

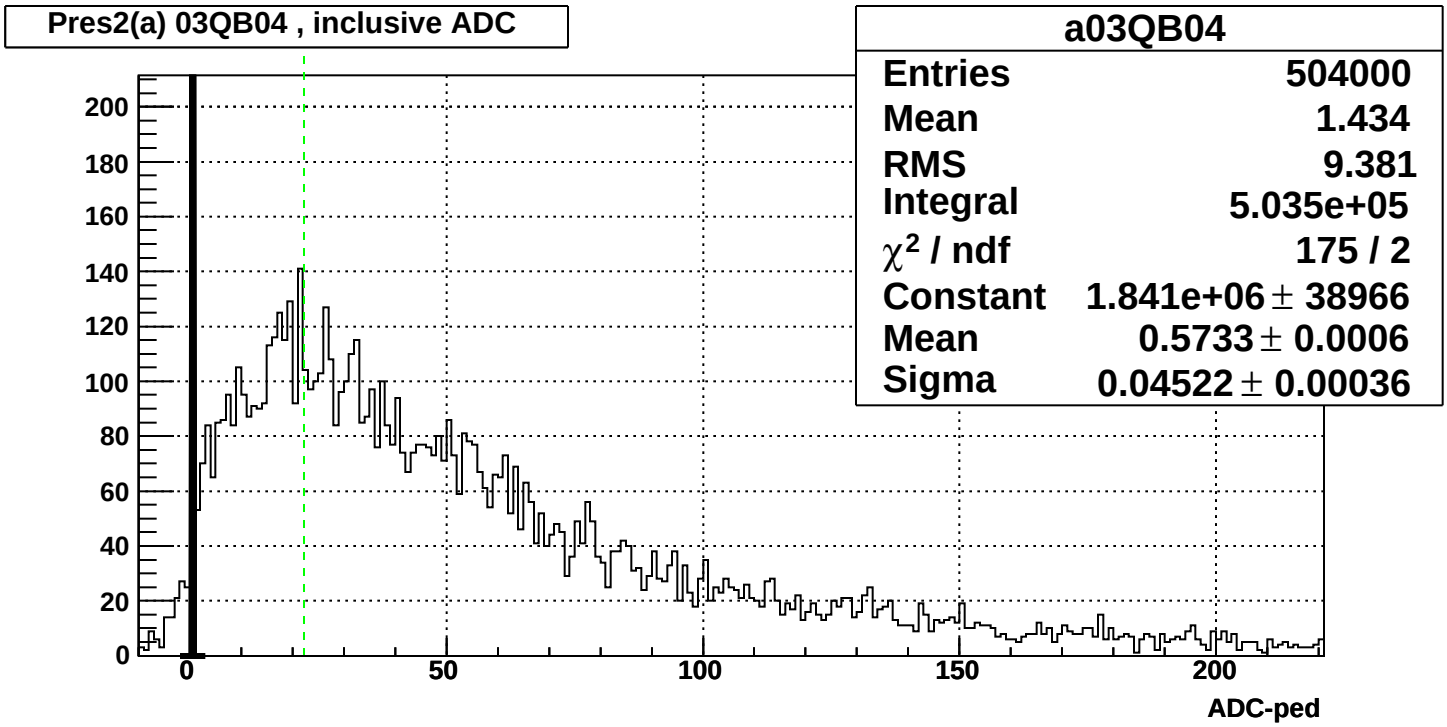

Pres1(d) 03PD04 , ADC, tag: UxV 2*thr
d03PD04
Entries 136
Mean 35.26
RMS 31.62
Integral 135
χ² / ndf 19.19 / 22
ampl-G 0.5344 ± 8.4742
const-L 58.11± 9.21
MPV-L 18.11± 4.49
sig-L 9.247 ± 2.409
ADC-ped

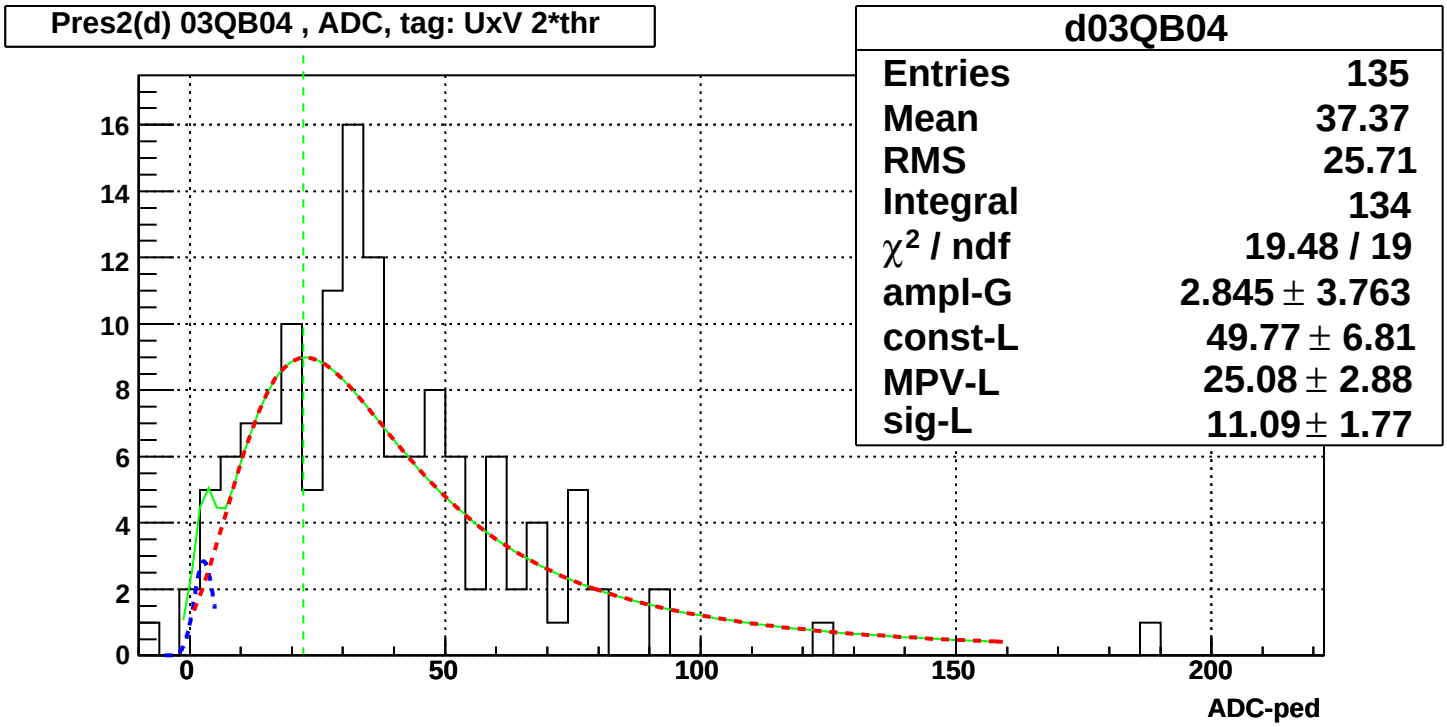

Pres1(a) 03PE04 , inclusive ADC
a03PE04
Entries 504000
Mean 1.228
RMS 7.496
Integral 5.037e+05
χ² / ndf 213 / 2
Constant 2.479e+06 ± 52418
Mean 0.5949 ± 0.0006
Sigma 0.05287 ± 0.00035
ADC-ped

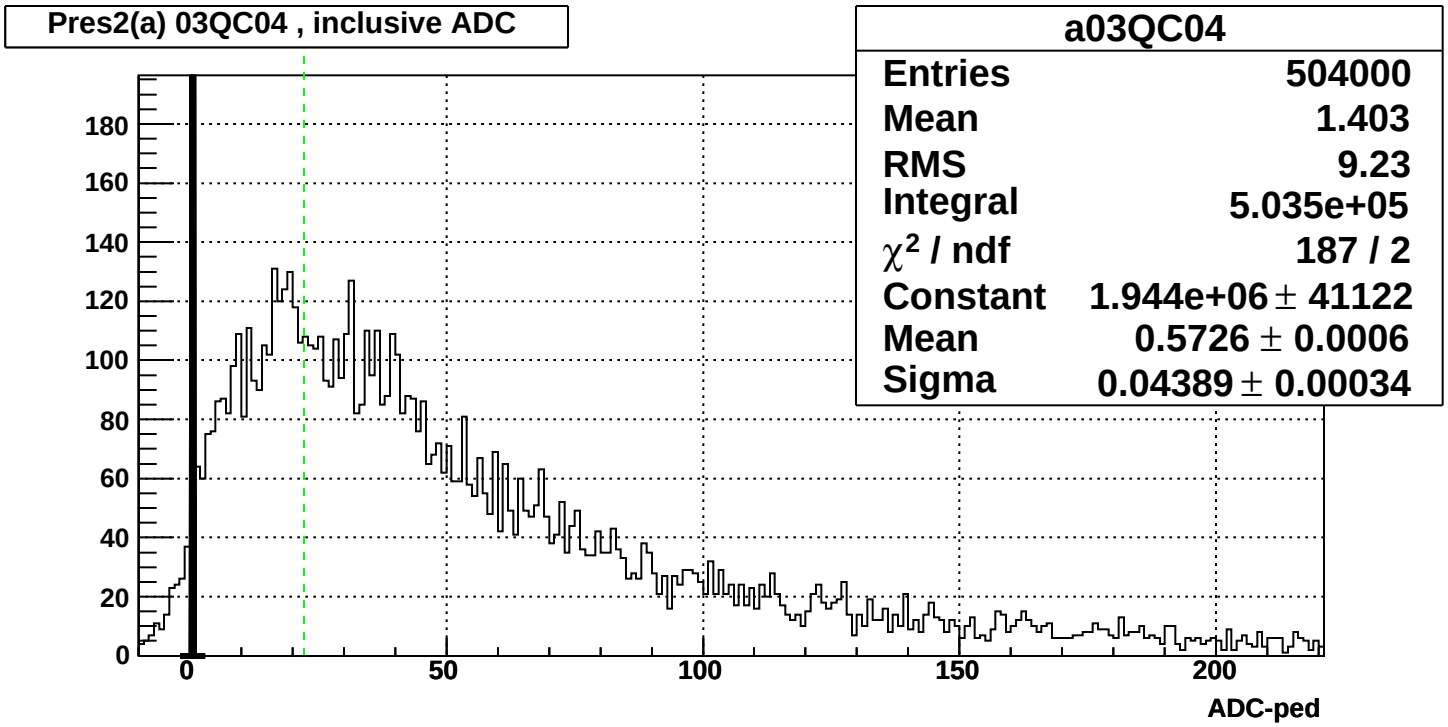

Pres1(d) 03PE04 , ADC, tag: UxV 2*thr
d03PE04
Entries 121
Mean 33.42
RMS 26.74
Integral 121
χ² / ndf 9.359 / 18
ampl-G 5.944 ± 2.383
const-L 67.51 ± 9.98
MPV-L 24.26 ± 1.64
sig-L 7.593 ± 1.124
ADC-ped

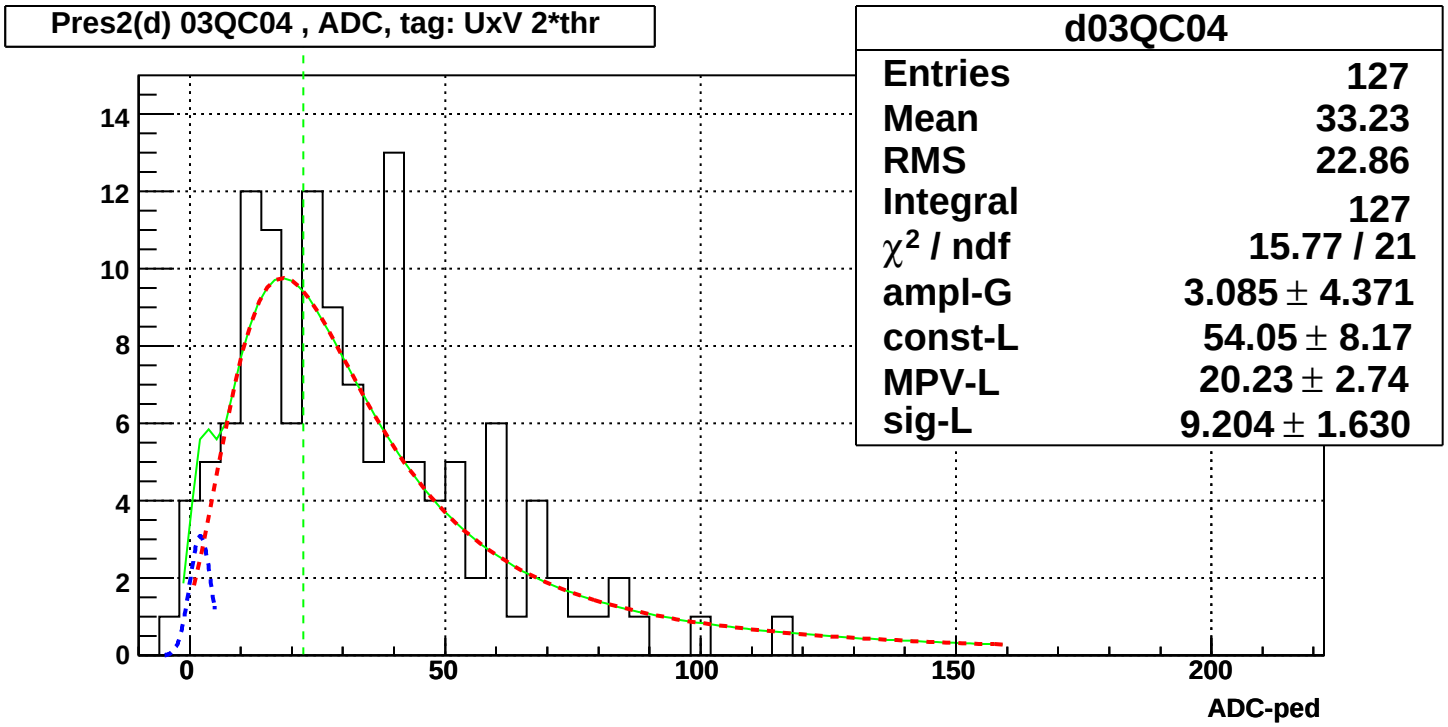

Pres2(a) 03QA04 , inclusive ADC
a03QA04
Entries 504000
Mean 1.399
RMS 9.221
Integral 5.035e+05
χ² / ndf 204 / 2
Constant 1.818e+06 ± 38465
Mean 0.5734 ± 0.0006
Sigma 0.04553 ± 0.00037
ADC-ped

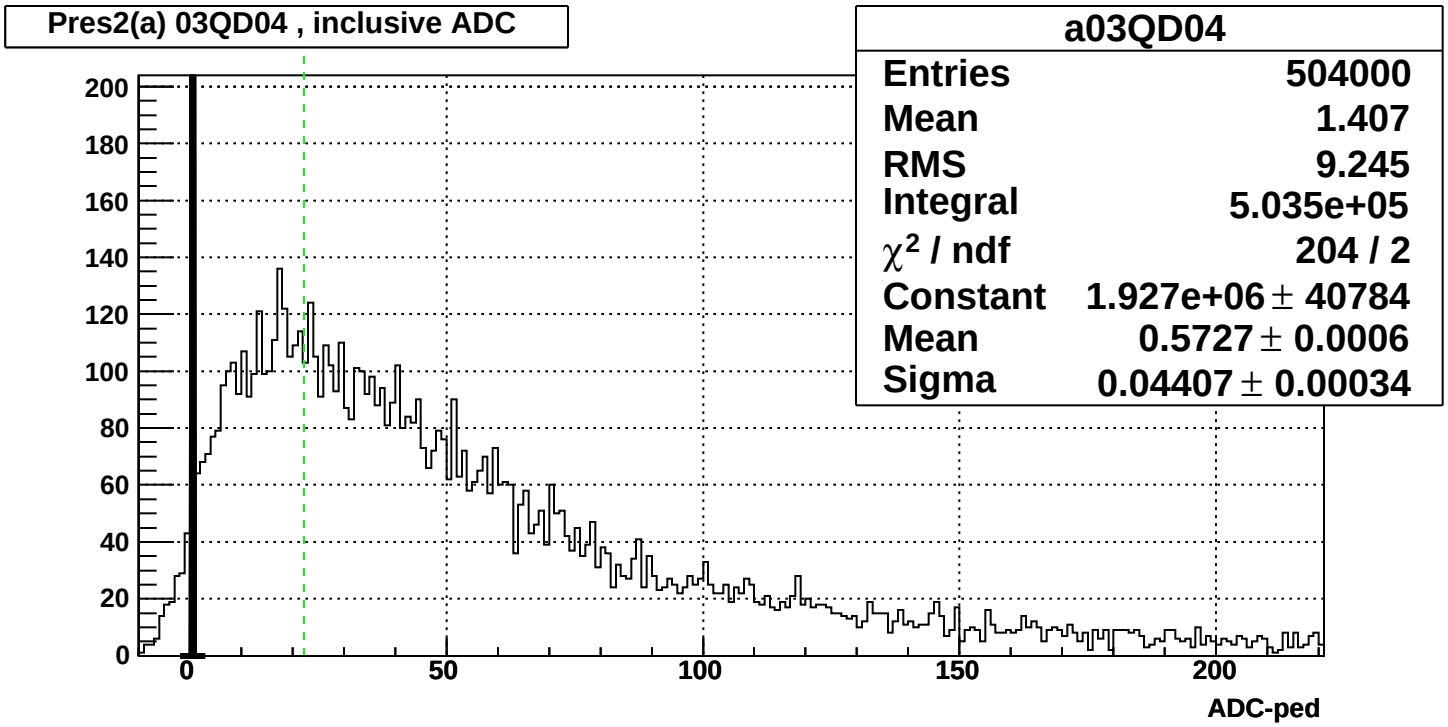

Pres2(d) 03QA04 , ADC, tag: UxV 2*thr
d03QA04
Entries 126
Mean 31.3
RMS 25.16
Integral 126
χ² / ndf 24.94 / 19
ampl-G 2.892 ± 5.312
const-L 43.05 ± 9.12
MPV-L 20.06 ± 3.66
sig-L 11.55 ± 3.99
ADC-ped

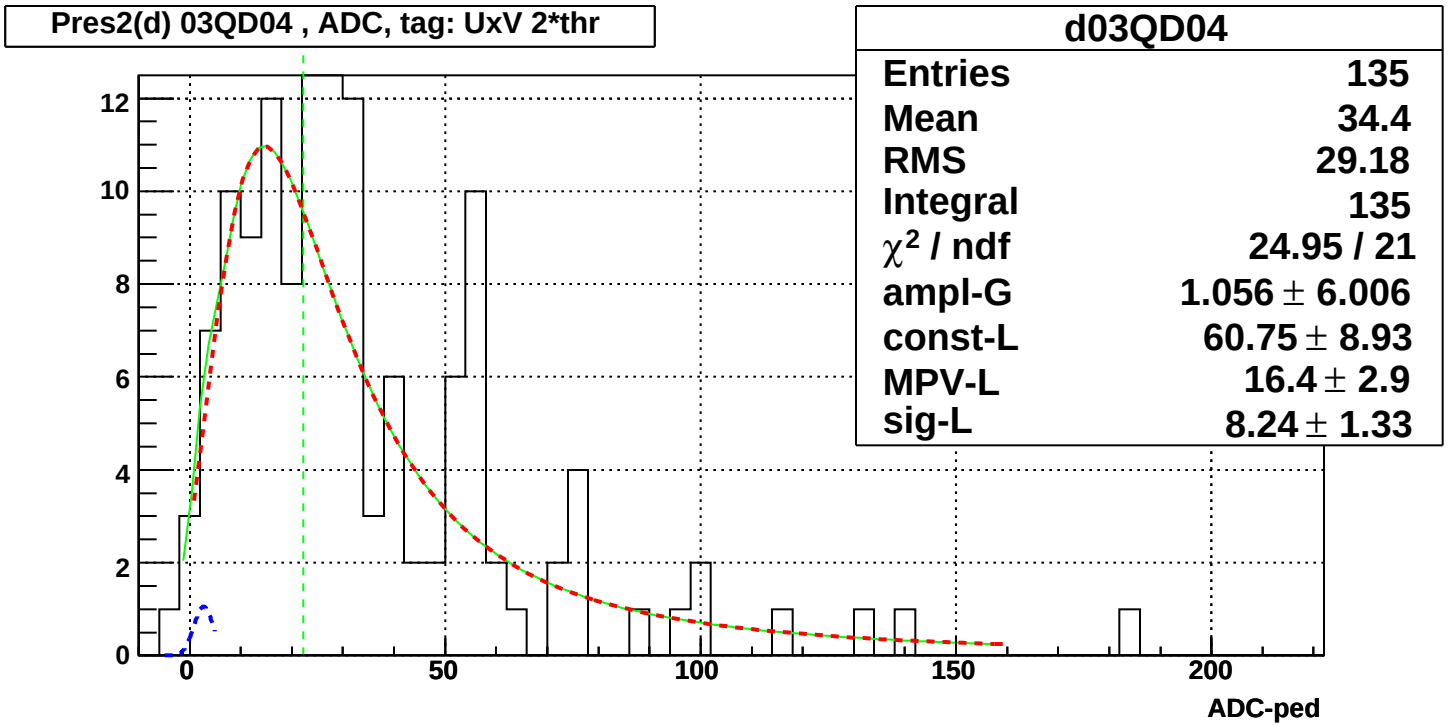

Pres2(a) 03QB04 , inclusive ADC
a03QB04
Entries 504000
Mean 1.434
RMS 9.381
Integral 5.035e+05
χ² / ndf 175 / 2
Constant 1.841e+06 ± 38966
Mean 0.5733 ± 0.0006
Sigma 0.04522 ± 0.00036
ADC-ped

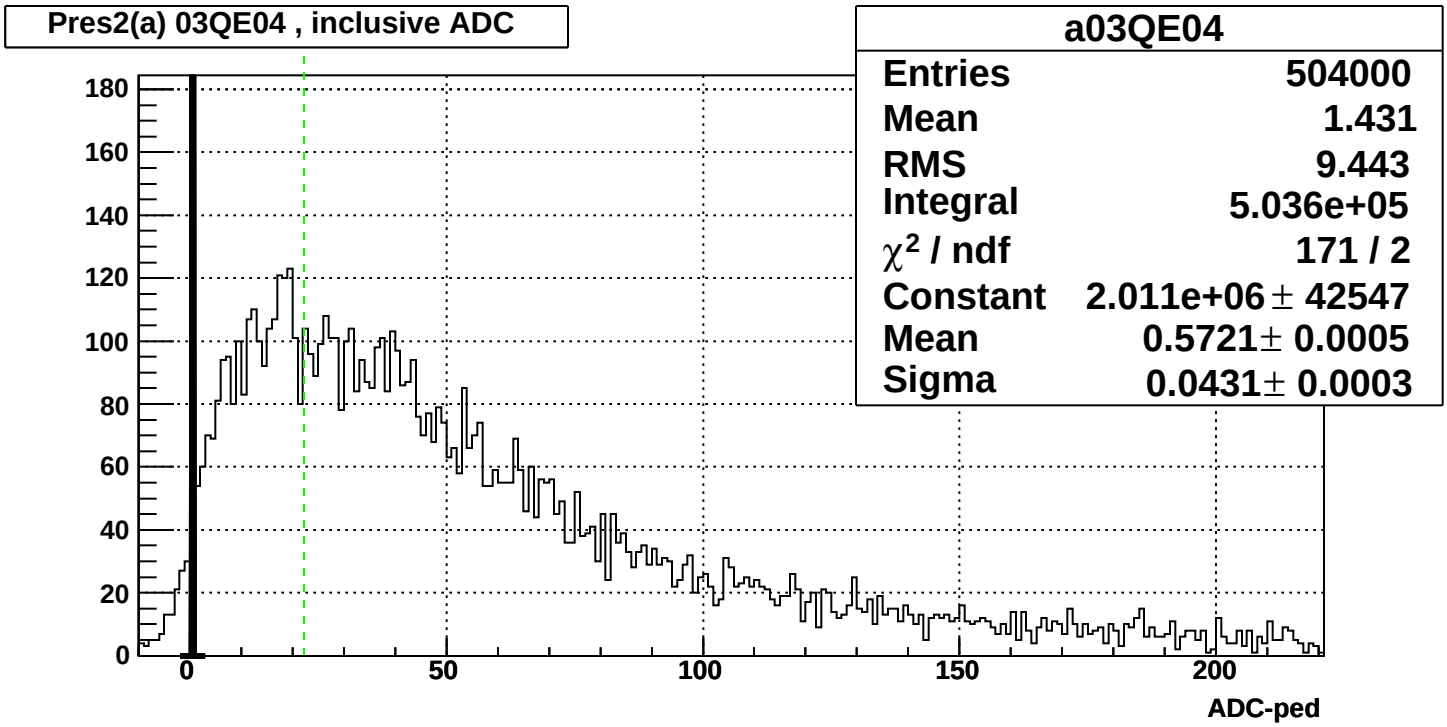

Pres2(d) 03QB04 , ADC, tag: UxV 2*thr
d03QB04
Entries 135
Mean 37.37
RMS 25.71
Integral 134
χ² / ndf 19.48 / 19
ampl-G 2.845 ± 3.763
const-L 49.77 ± 6.81
MPV-L 25.08 ± 2.88
sig-L 11.09 ± 1.77
ADC-ped

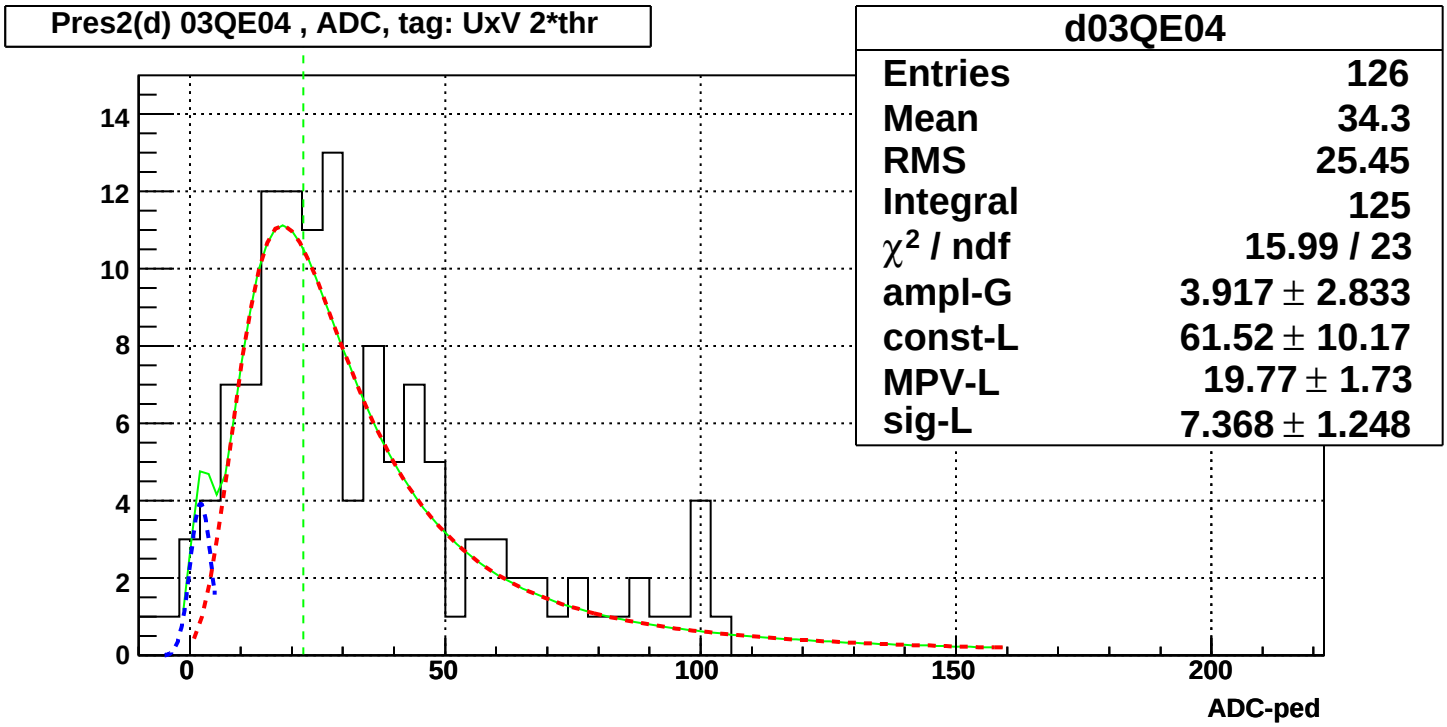

Pres2(a) 03QC04 , inclusive ADC
a03QC04
Entries 504000
Mean 1.403
RMS 9.23
Integral 5.035e+05
χ² / ndf 187 / 2
Constant 1.944e+06 ± 41122
Mean 0.5726 ± 0.0006
Sigma 0.04389 ± 0.00034
ADC-ped

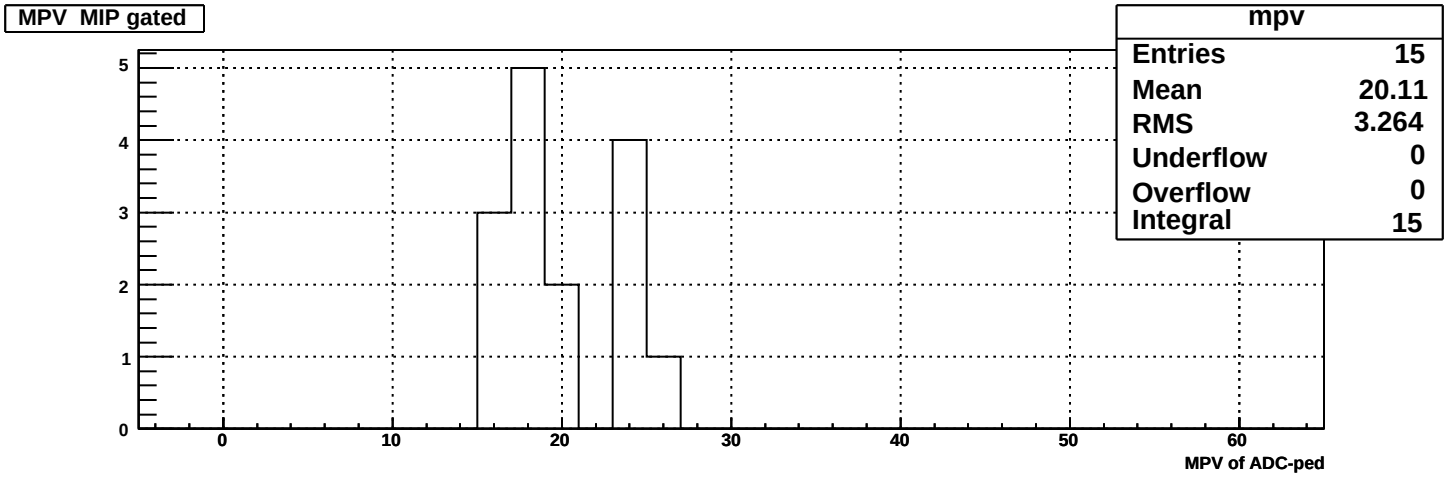

Pres2(d) 03QC04 , ADC, tag: UxV 2*thr
d03QC04
Entries 127
Mean 33.23
RMS 22.86
Integral 127
χ² / ndf 15.77 / 21
ampl-G 3.085 ± 4.371
const-L 54.05 ± 8.17
MPV-L 20.23 ± 2.74
sig-L 9.204 ± 1.630
ADC-ped

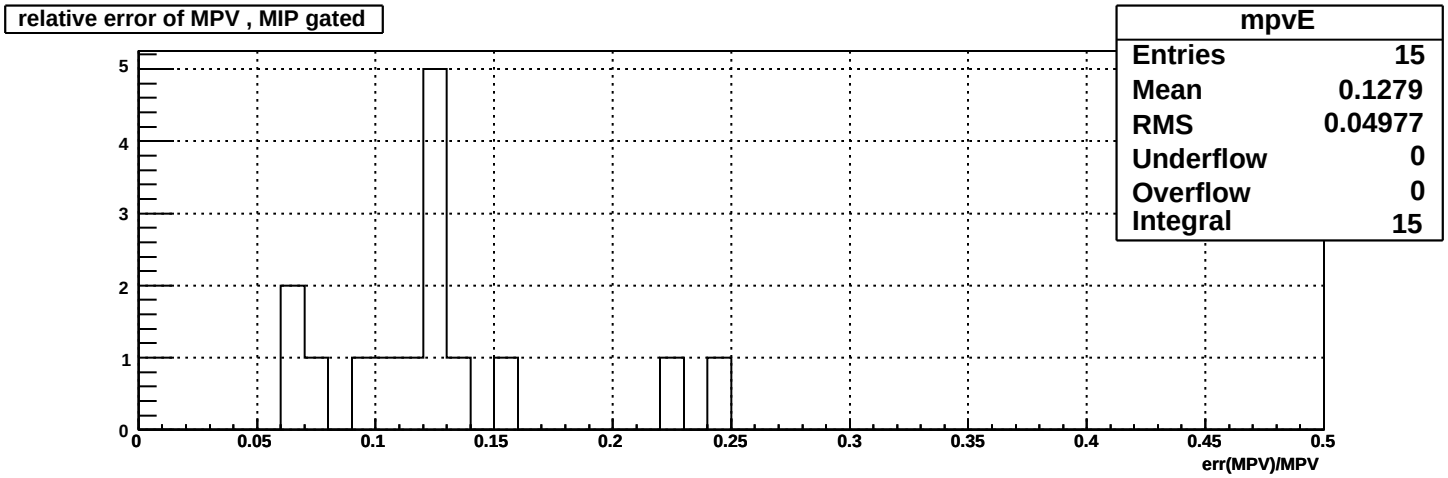

Pres2(a) 03QD04 , inclusive ADC
a03QD04
Entries 504000
Mean 1.407
RMS 9.245
Integral 5.035e+05
χ² / ndf 204 / 2
Constant 1.927e+06 ± 40784
Mean 0.5727 ± 0.0006
Sigma 0.04407 ± 0.00034
ADC-ped

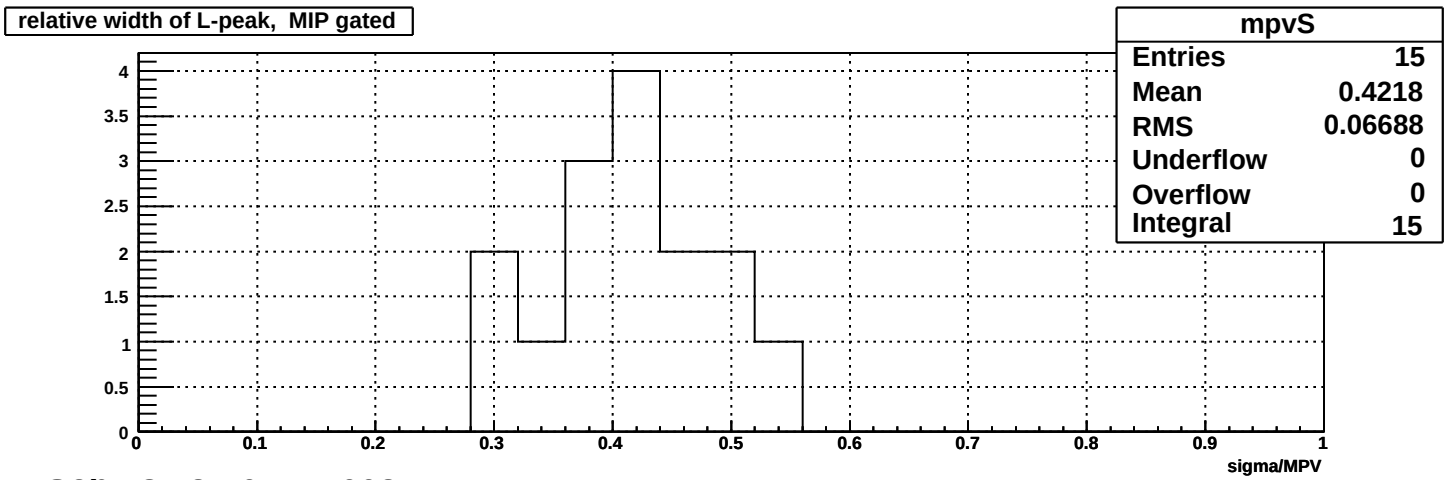

Pres2(d) 03QD04 , ADC, tag: UxV 2*thr
d03QD04
Entries 135
Mean 34.4
RMS 29.18
Integral 135
χ² / ndf 24.95 / 21
ampl-G 1.056 ± 6.006
const-L 60.75 ± 8.93
MPV-L 16.4 ± 2.9
sig-L 8.24 ± 1.33
ADC-ped


Pres2(a) 03QE04 , inclusive ADC
a03QE04
Entries 504000
Mean 1.431
RMS 9.443
Integral 5.036e+05
χ² / ndf 171 / 2
Constant 2.011e+06 ± 42547
Mean 0.5721 ± 0.0005
Sigma 0.0431 ± 0.0003
ADC-ped


Pres2(d) 03QE04 , ADC, tag: UxV 2*thr
d03QE04
Entries 126
Mean 34.3
RMS 25.45
Integral 125
χ² / ndf 15.99 / 23
ampl-G 3.917 ± 2.833
const-L 61.52 ± 10.17
MPV-L 19.77 ± 1.73
sig-L 7.368 ± 1.248
ADC-ped


MPV MIP gated
mpv
Entries 15
Mean 20.11
RMS 3.264
Underflow 0
Overflow 0
Integral 15
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 15
Mean 0.1279
RMS 0.04977
Underflow 0
Overflow 0
Integral 15
err(MPV)/MPV


relative width of L-peak, MIP gated
mpvS
Entries 15
Mean 0.4218
RMS 0.06688
Underflow 0
Overflow 0
Integral 15
sigma/MPV