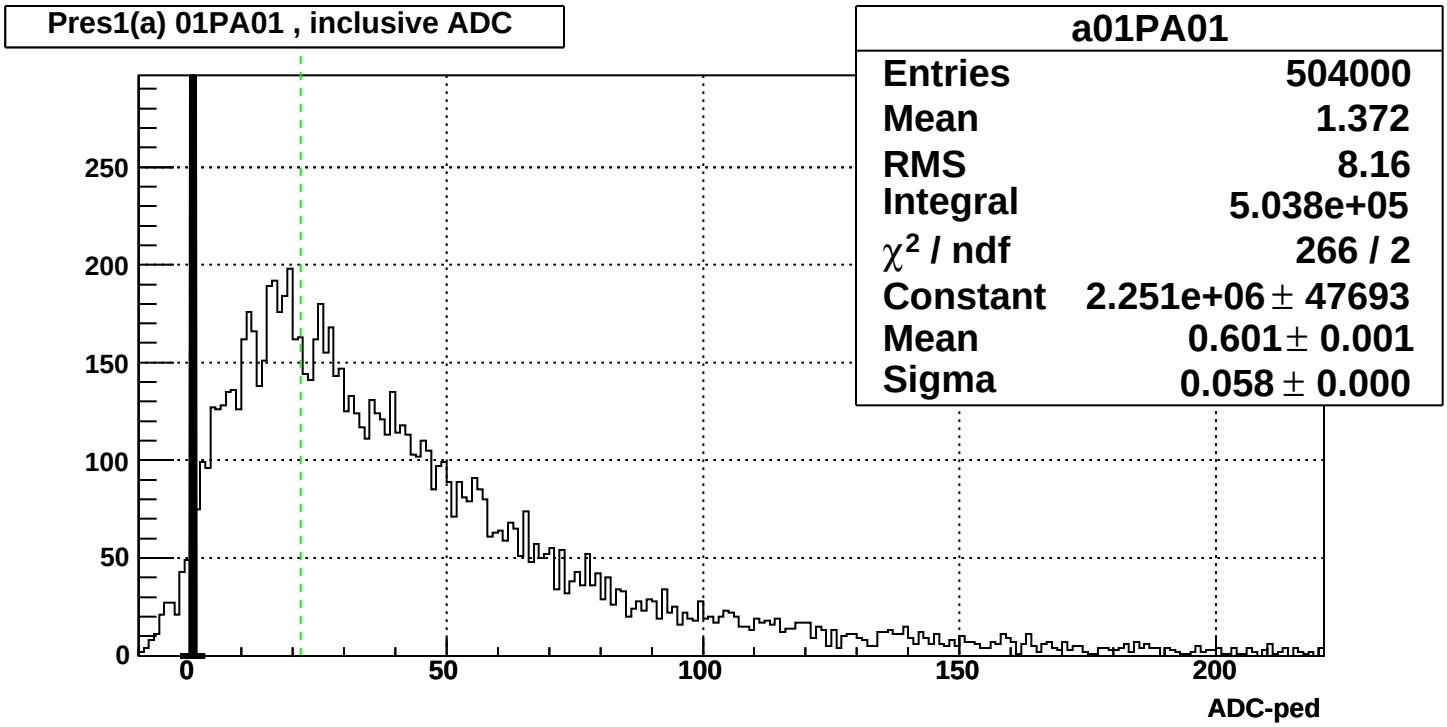
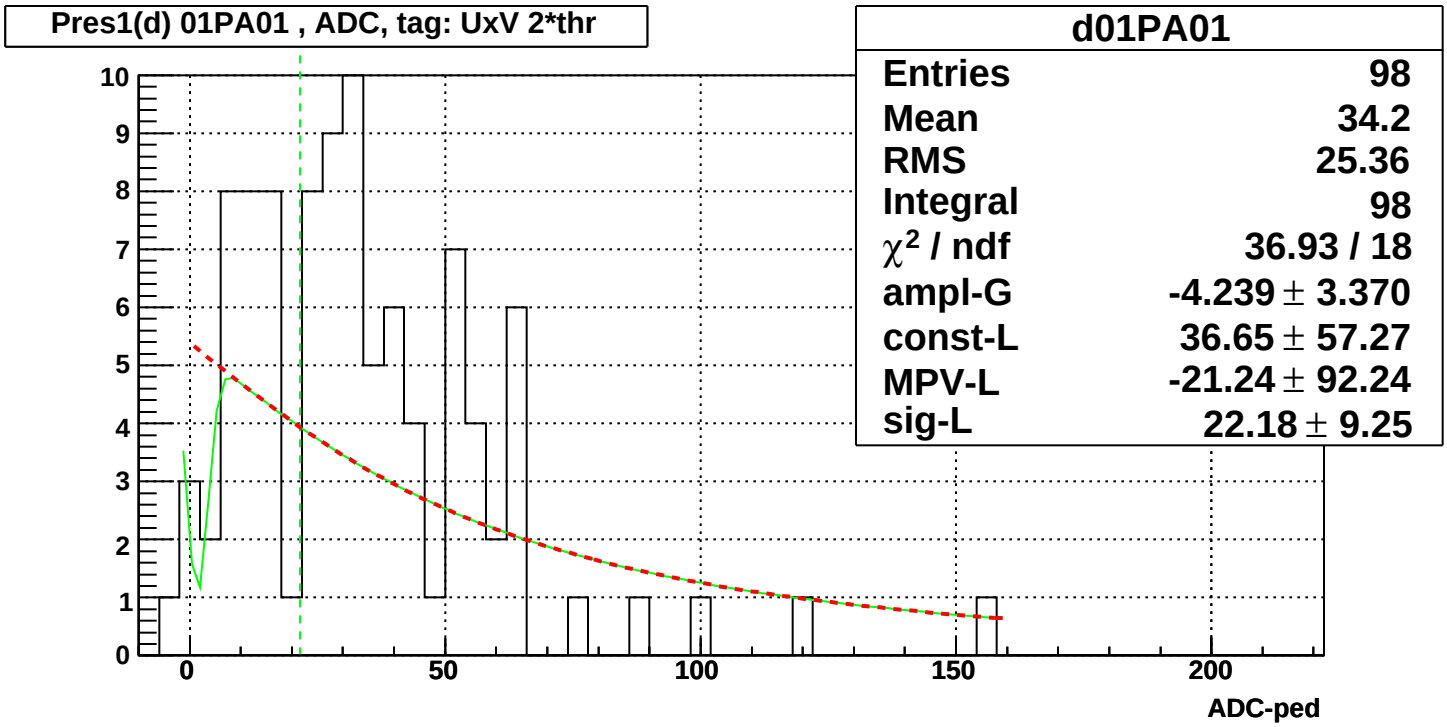
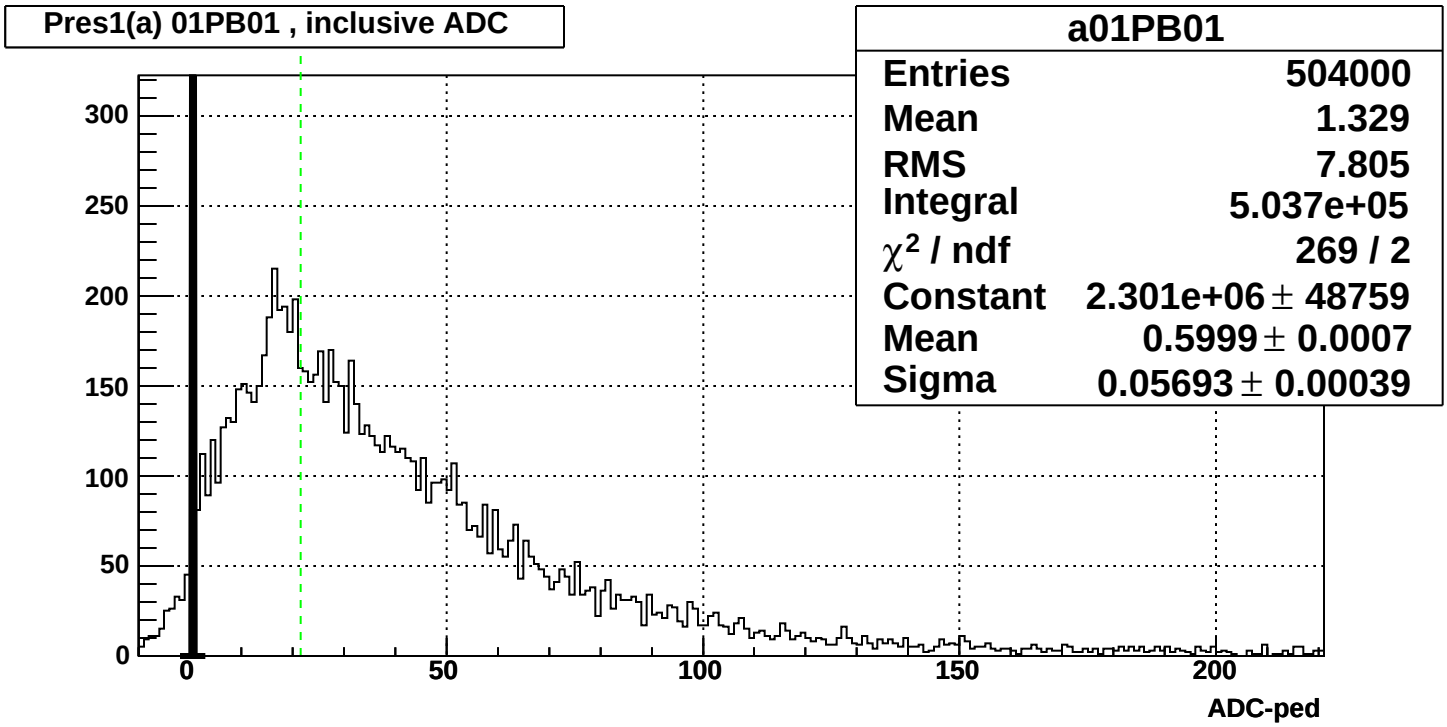
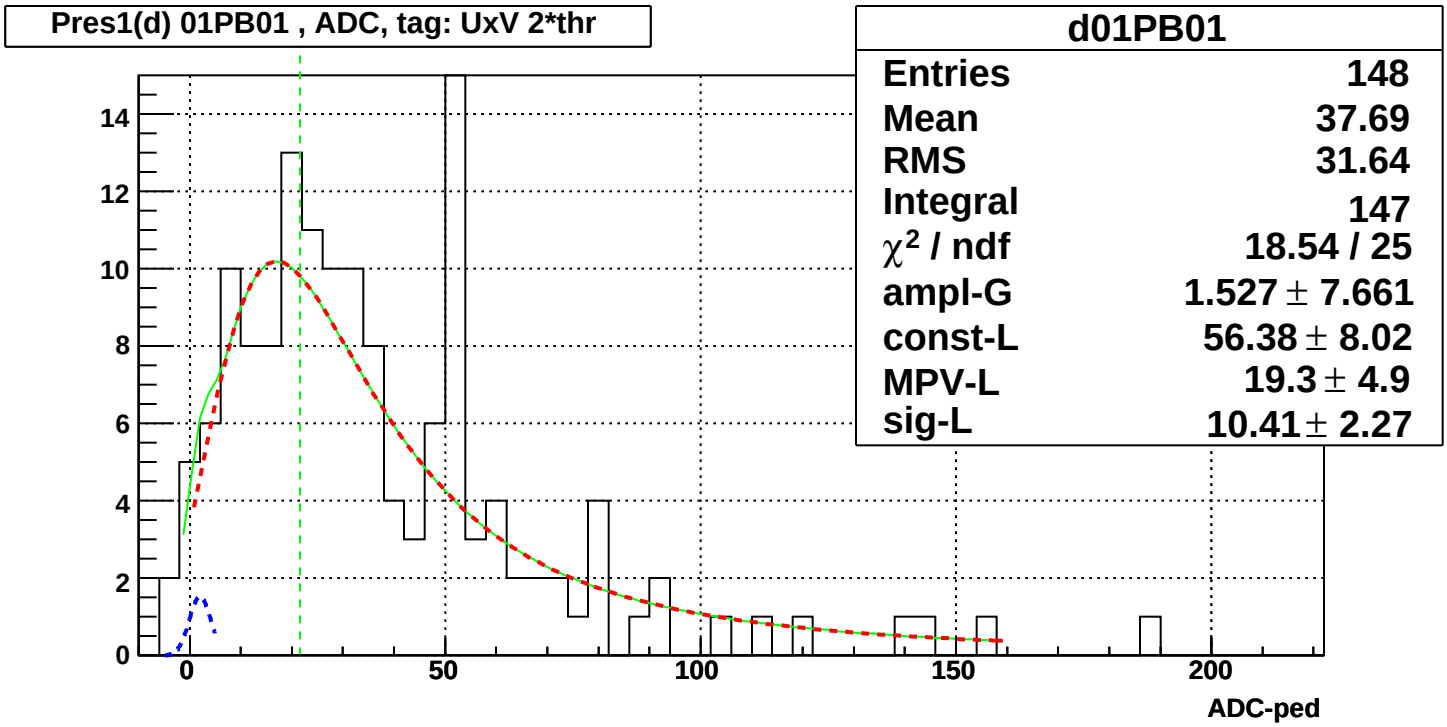
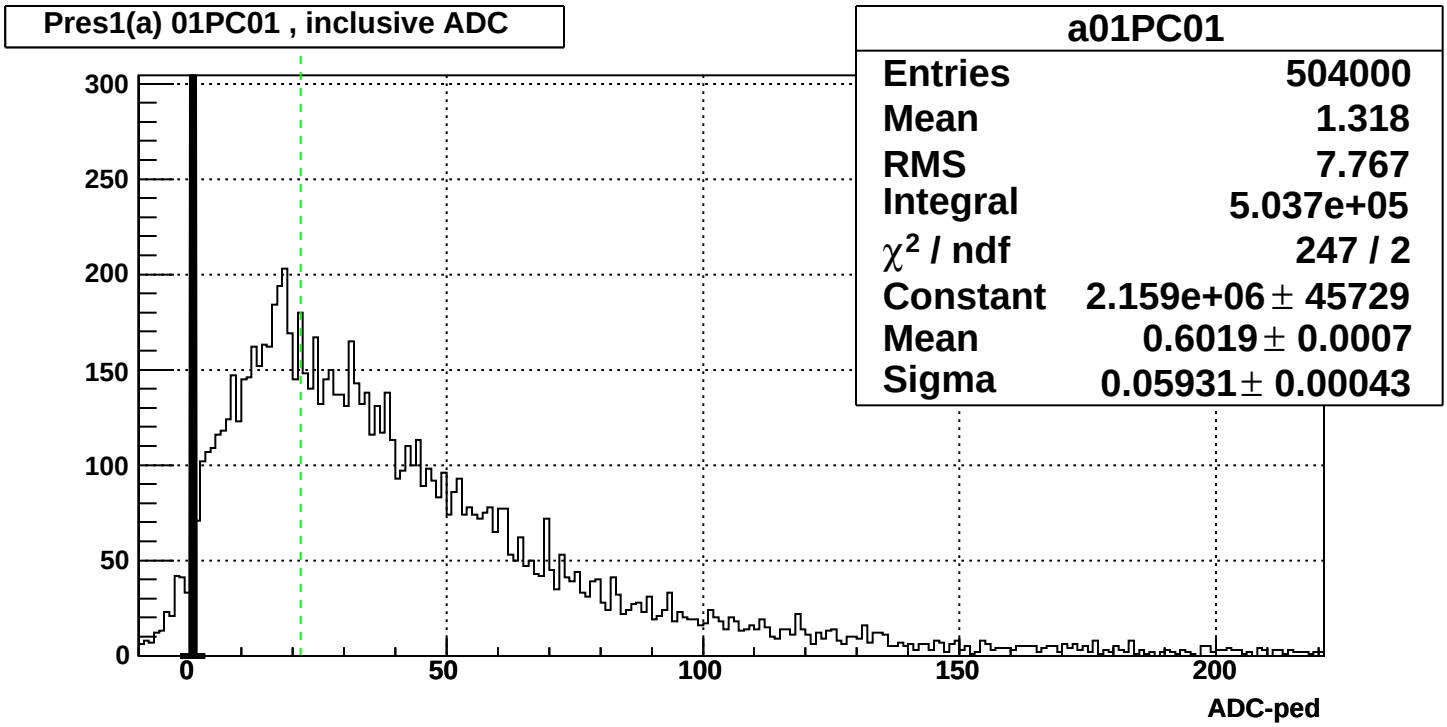
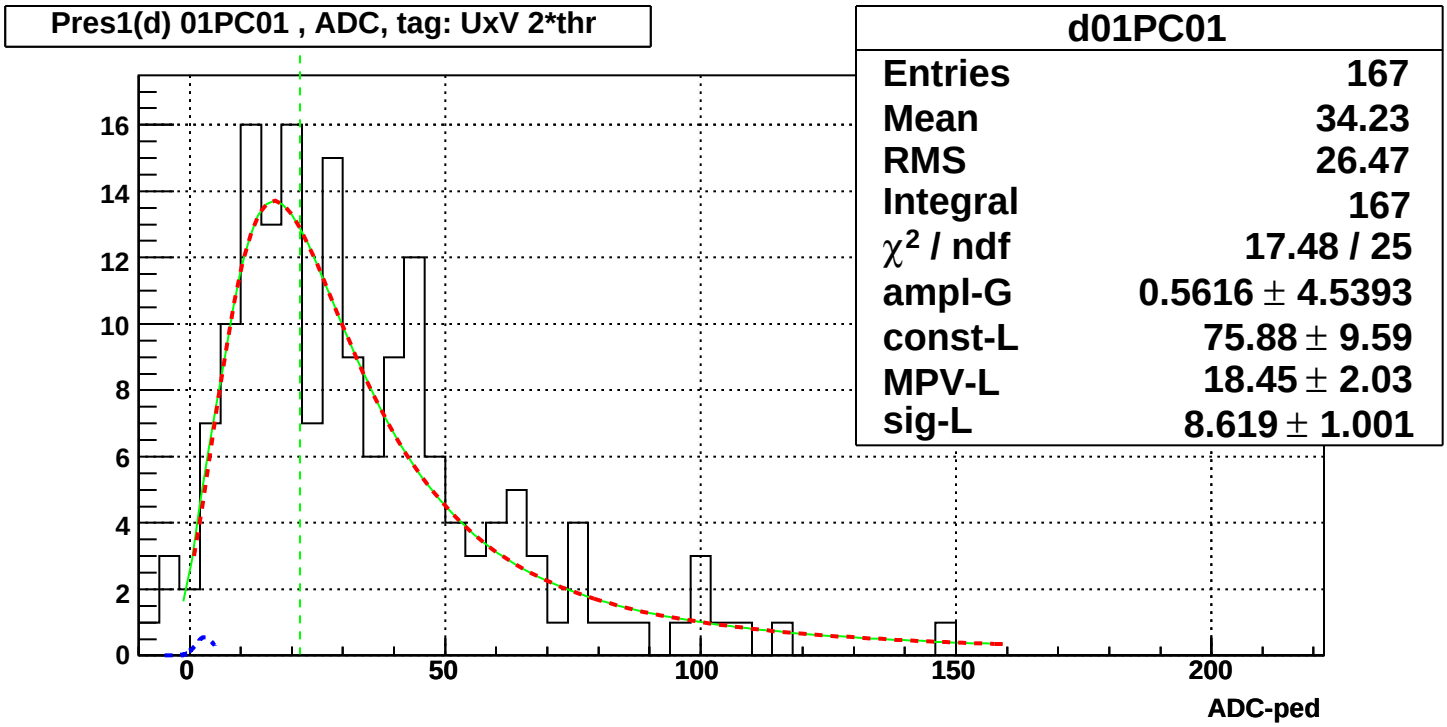

Pres1(a) 01PA01 , inclusive ADC
a01PA01
Entries 504000
Mean 1.372
RMS 8.16
Integral 5.038e+05
χ² / ndf 266 / 2
Constant 2.251e+06 ± 47693
Mean 0.601 ± 0.001
Sigma 0.058 ± 0.000
ADC-ped

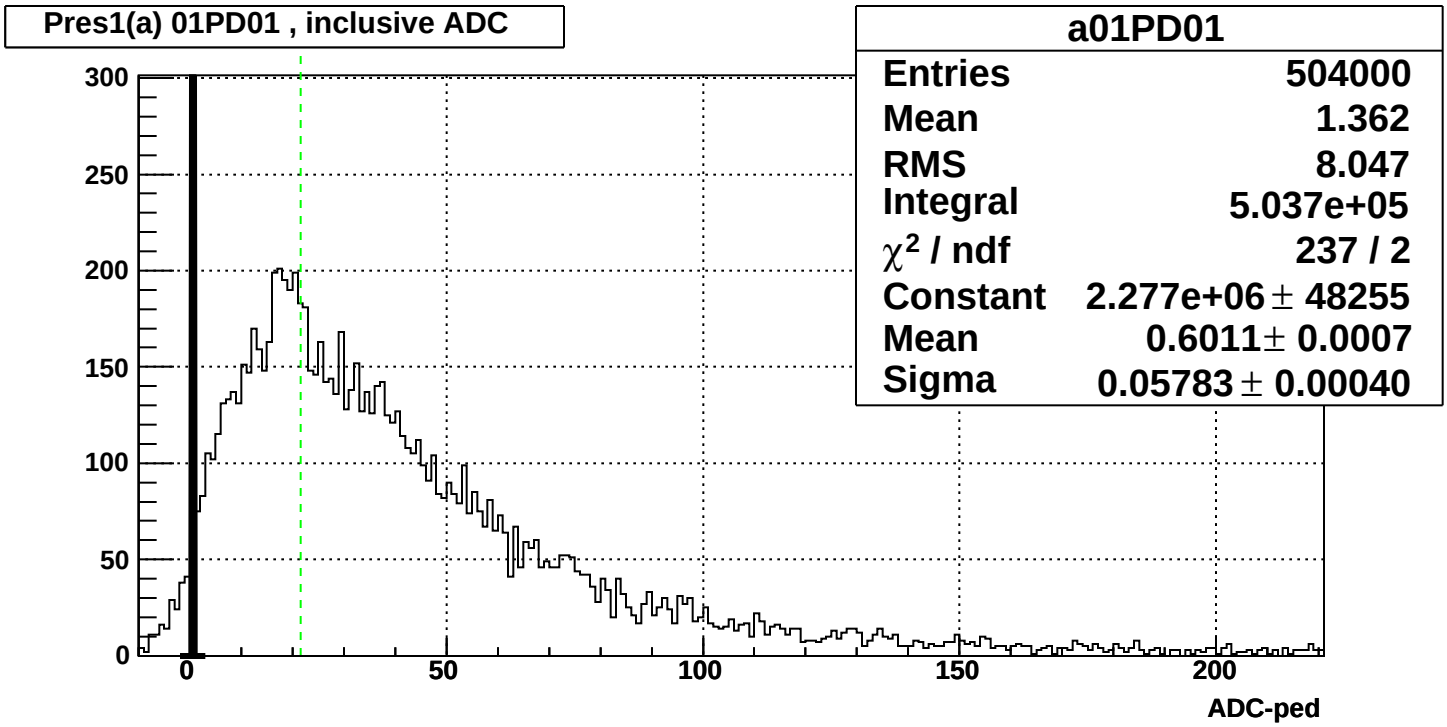

Pres1(d) 01PA01 , ADC, tag: UxV 2*thr
d01PA01
Entries 98
Mean 34.2
RMS 25.36
Integral 98
χ² / ndf 36.93 / 18
ampl-G -4.239 ± 3.370
const-L 36.65 ± 57.27
MPV-L -21.24 ± 92.24
sig-L 22.18 ± 9.25
ADC-ped

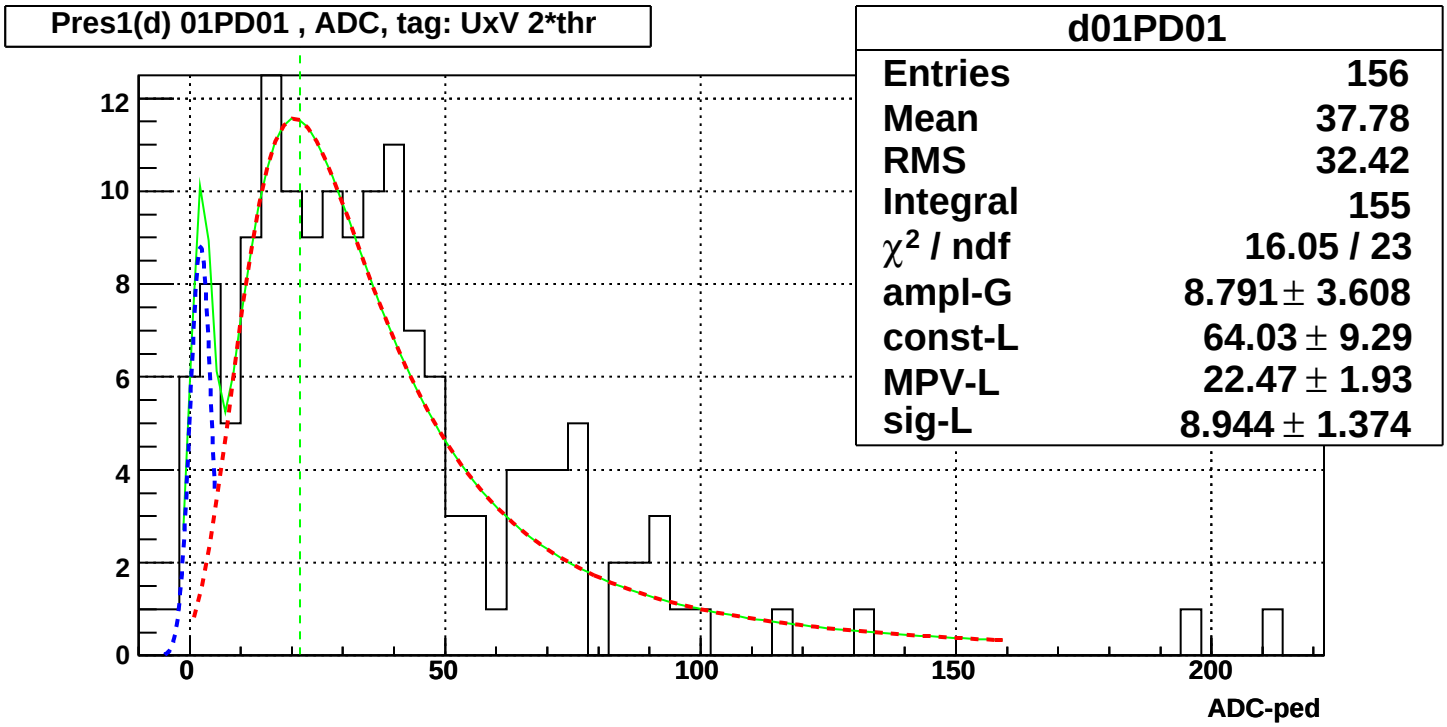

Pres1(a) 01PB01 , inclusive ADC
a01PB01
Entries 504000
Mean 1.329
RMS 7.805
Integral 5.037e+05
χ² / ndf 269 / 2
Constant 2.301e+06 ± 48759
Mean 0.5999 ± 0.0007
Sigma 0.05693 ± 0.00039
ADC-ped

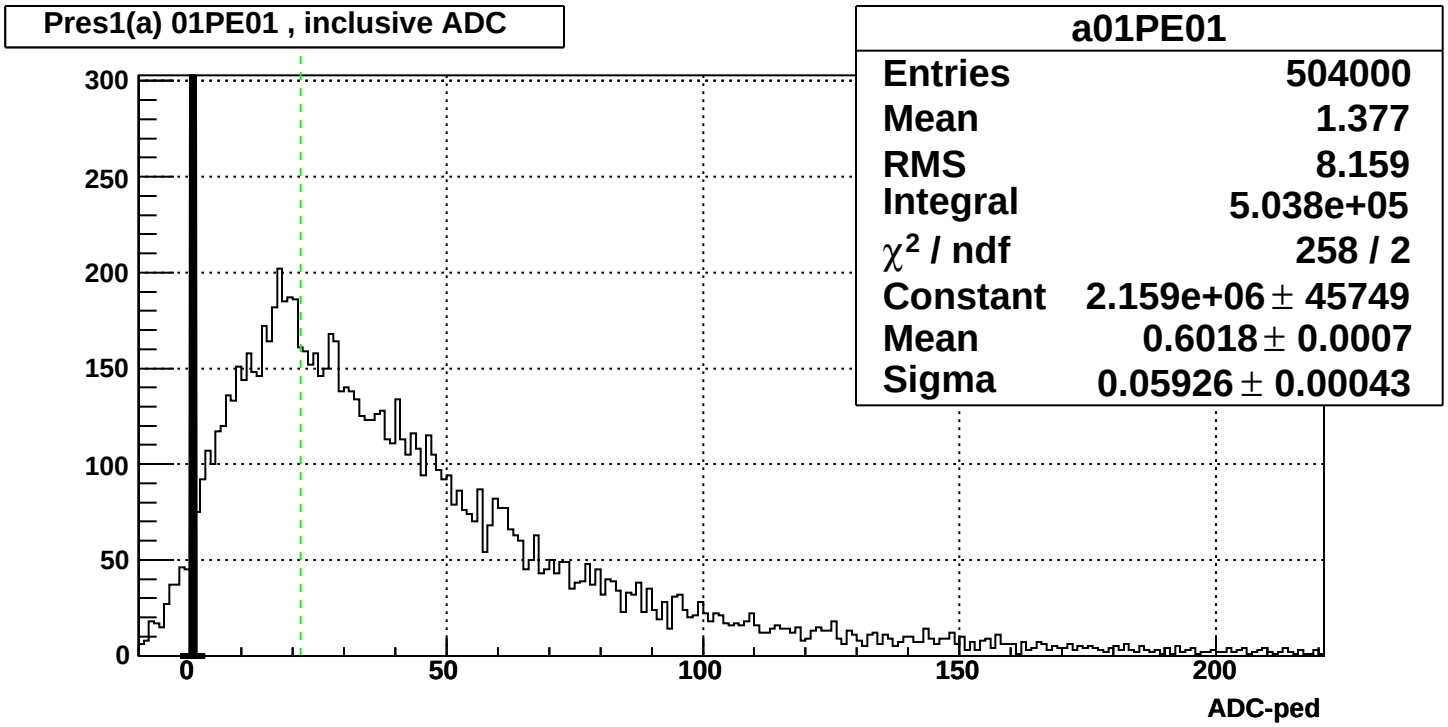

Pres1(d) 01PB01 , ADC, tag: UxV 2*thr
d01PB01
Entries 148
Mean 37.69
RMS 31.64
Integral 147
χ² / ndf 18.54 / 25
ampl-G 1.527 ± 7.661
const-L 56.38 ± 8.02
MPV-L 19.3 ± 4.9
sig-L 10.41 ± 2.27
ADC-ped

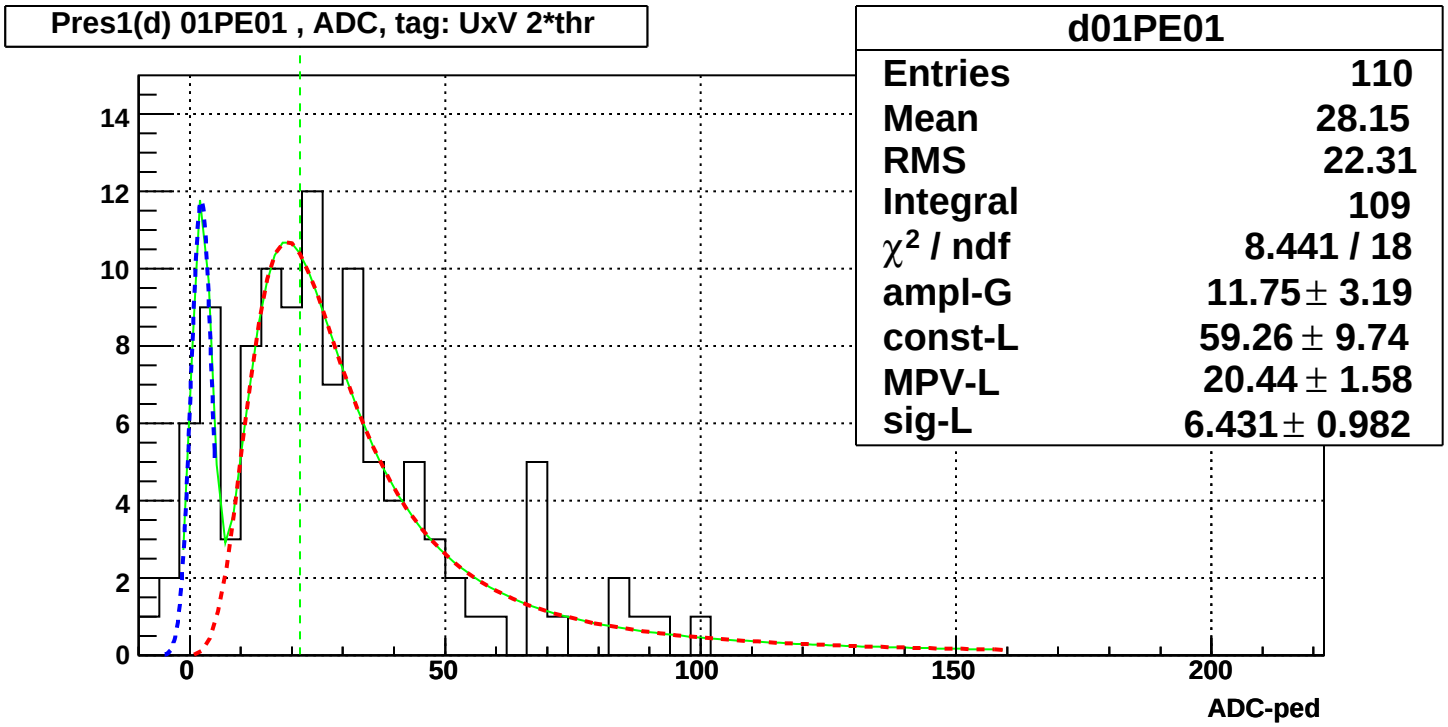

Pres1(a) 01PC01 , inclusive ADC
a01PC01
Entries 504000
Mean 1.318
RMS 7.767
Integral 5.037e+05
χ² / ndf 247 / 2
Constant 2.159e+06 ± 45729
Mean 0.6019 ± 0.0007
Sigma 0.05931 ± 0.00043
ADC-ped

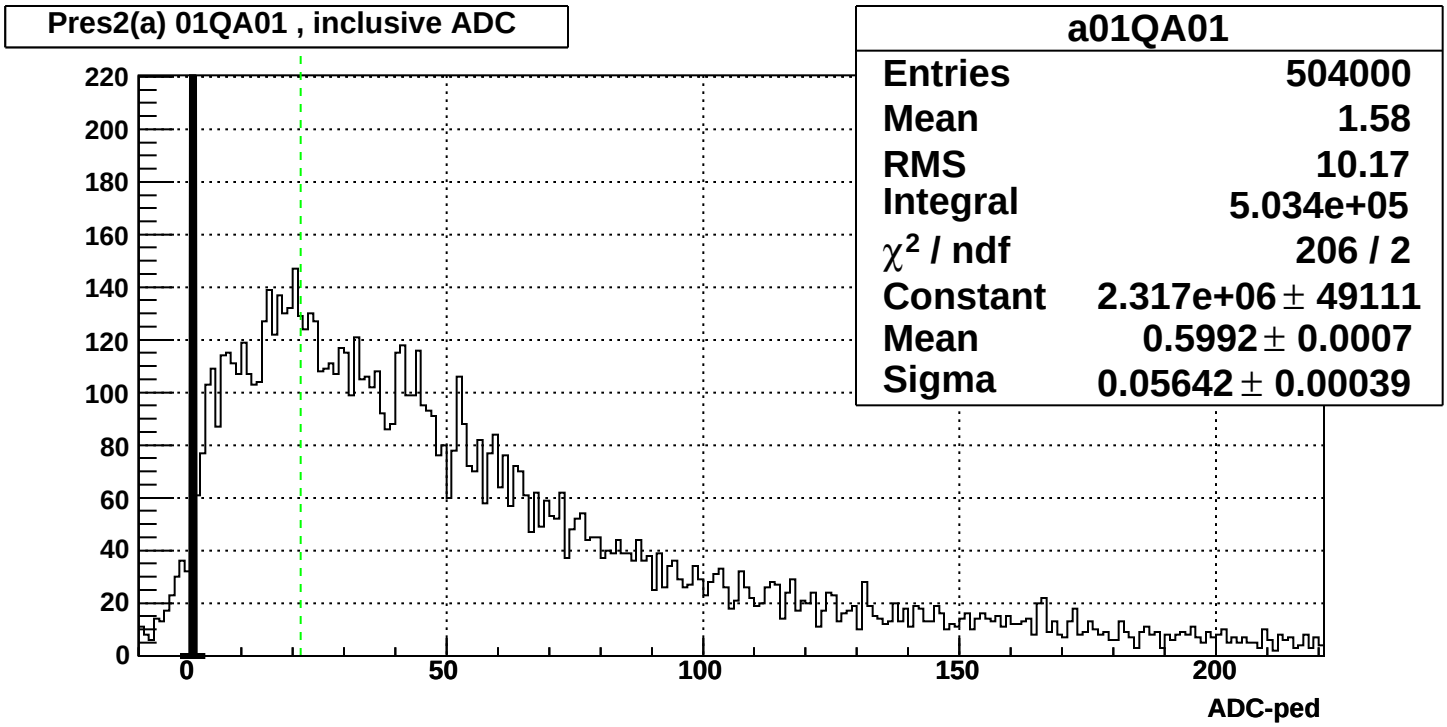

Pres1(d) 01PC01 , ADC, tag: UxV 2*thr
d01PC01
Entries 167
Mean 34.23
RMS 26.47
Integral 167
χ² / ndf 17.48 / 25
ampl-G 0.5616 ± 4.5393
const-L 75.88 ± 9.59
MPV-L 18.45 ± 2.03
sig-L 8.619 ± 1.001
ADC-ped

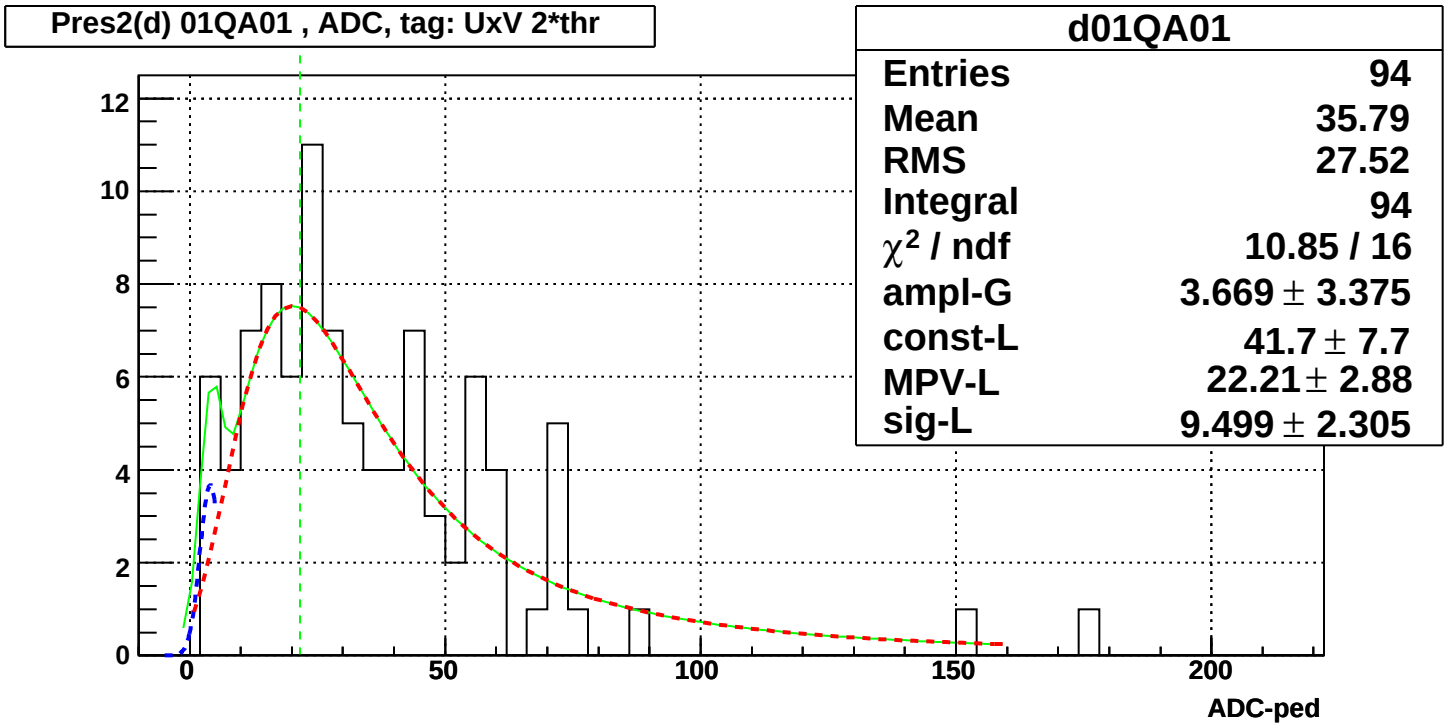

Pres1(a) 01PD01 , inclusive ADC
a01PD01
Entries 504000
Mean 1.362
RMS 8.047
Integral 5.037e+05
χ² / ndf 237 / 2
Constant 2.277e+06 ± 48255
Mean 0.6011 ± 0.0007
Sigma 0.05783 ± 0.00040
ADC-ped

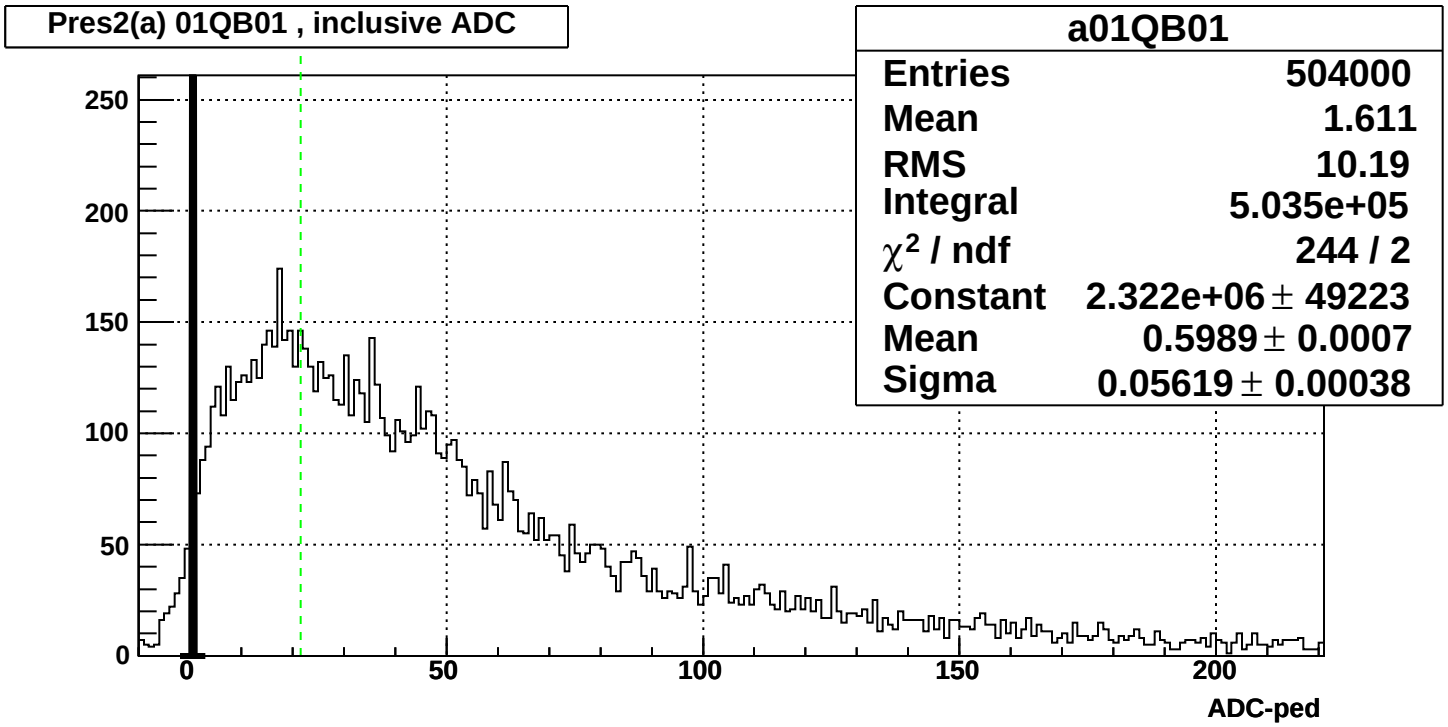

Pres1(d) 01PD01 , ADC, tag: UxV 2*thr
d01PD01
Entries 156
Mean 37.78
RMS 32.42
Integral 155
χ² / ndf 16.05 / 23
ampl-G 8.791 ± 3.608
const-L 64.03 ± 9.29
MPV-L 22.47 ± 1.93
sig-L 8.944 ± 1.374
ADC-ped

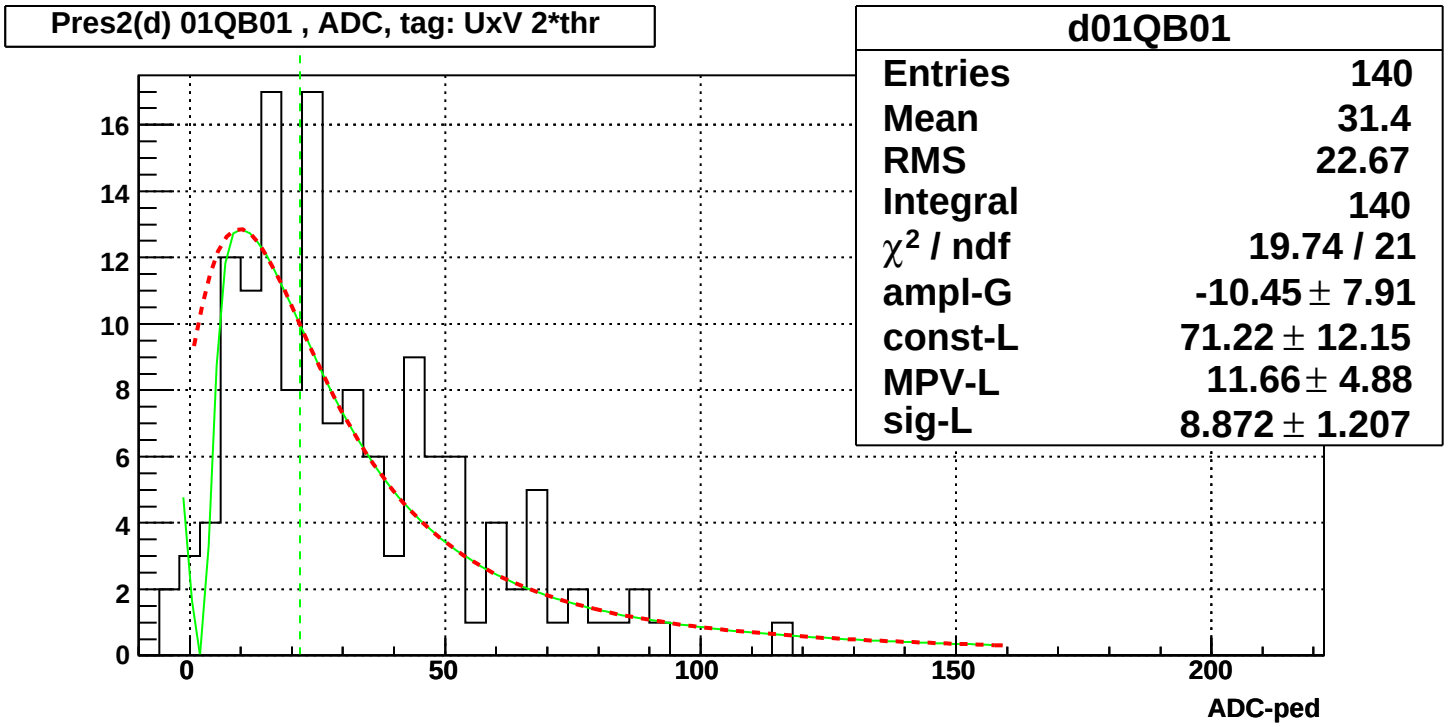

Pres1(a) 01PE01 , inclusive ADC
a01PE01
Entries 504000
Mean 1.377
RMS 8.159
Integral 5.038e+05
χ² / ndf 258 / 2
Constant 2.159e+06 ± 45749
Mean 0.6018 ± 0.0007
Sigma 0.05926 ± 0.00043
ADC-ped

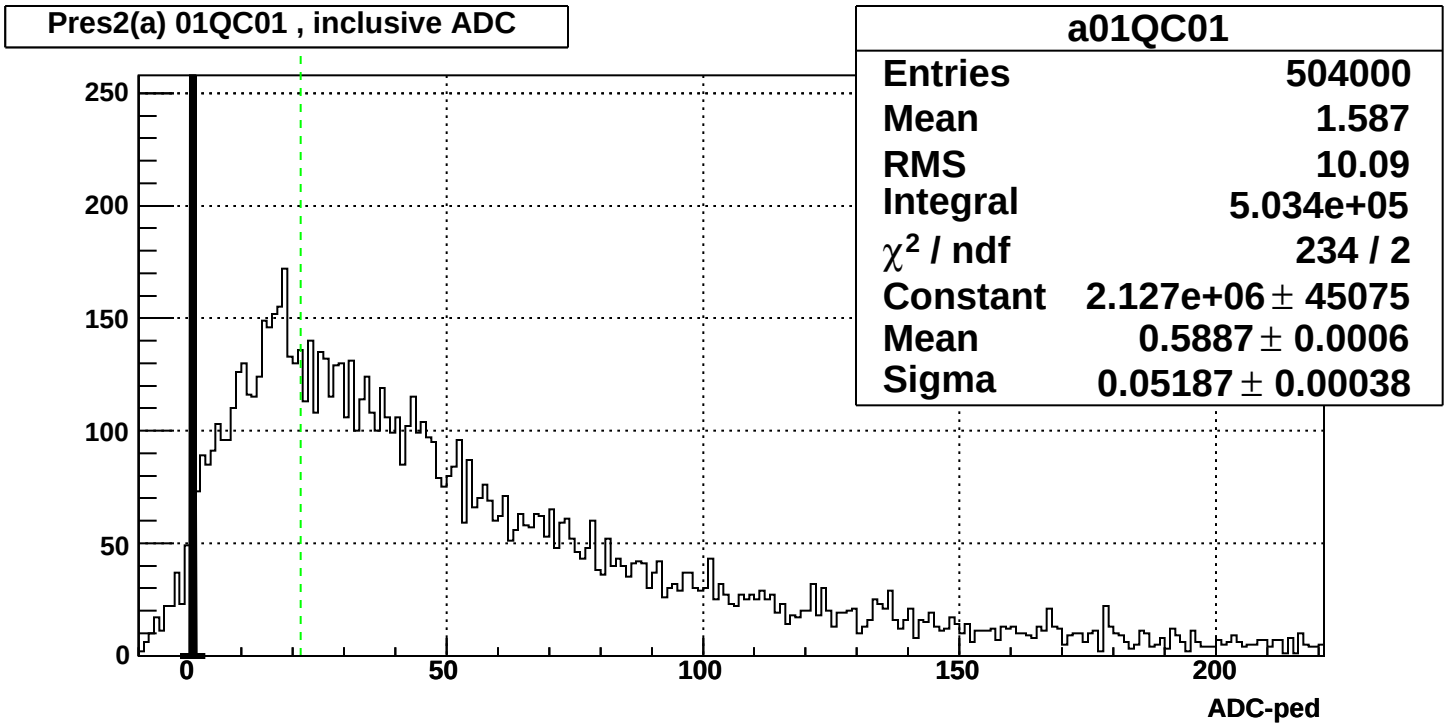

Pres1(d) 01PE01 , ADC, tag: UxV 2*thr
d01PE01
Entries 110
Mean 28.15
RMS 22.31
Integral 109
χ² / ndf 8.441 / 18
ampl-G 11.75 ± 3.19
const-L 59.26 ± 9.74
MPV-L 20.44 ± 1.58
sig-L 6.431 ± 0.982
ADC-ped

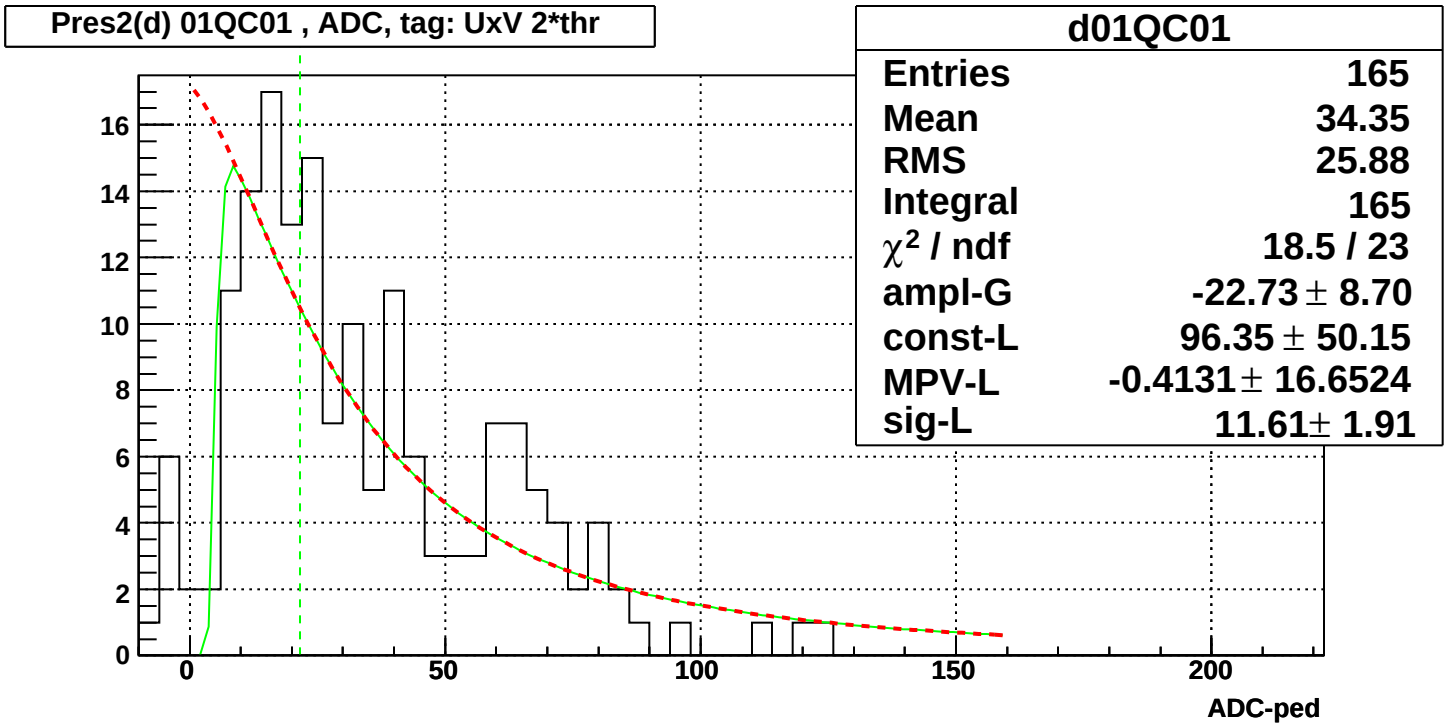

Pres2(a) 01QA01 , inclusive ADC
a01QA01
Entries 504000
Mean 1.58
RMS 10.17
Integral 5.034e+05
χ² / ndf 206 / 2
Constant 2.317e+06 ± 49111
Mean 0.5992 ± 0.0007
Sigma 0.05642 ± 0.00039
ADC-ped

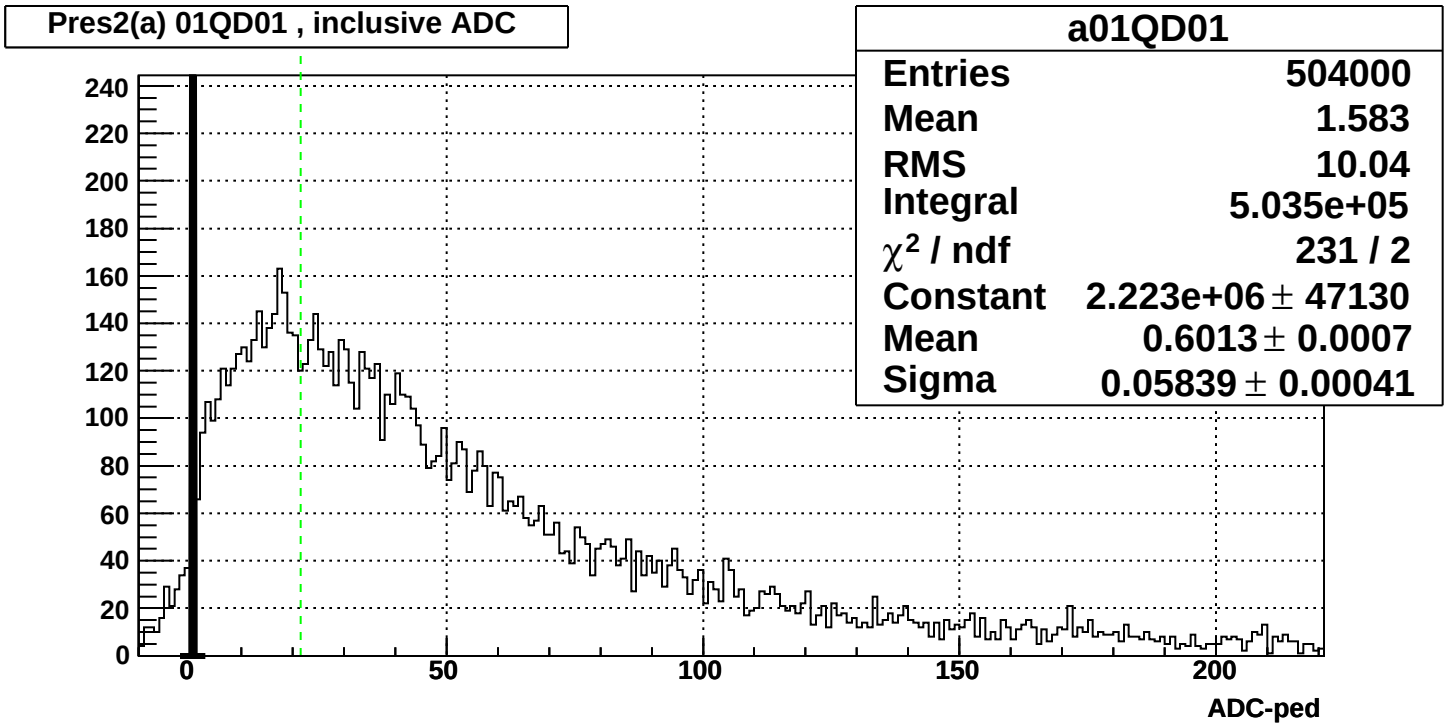

Pres2(d) 01QA01 , ADC, tag: UxV 2*thr
d01QA01
Entries 94
Mean 35.79
RMS 27.52
Integral 94
χ² / ndf 10.85 / 16
ampl-G 3.669 ± 3.375
const-L 41.7 ± 7.7
MPV-L 22.21 ± 2.88
sig-L 9.499 ± 2.305
ADC-ped

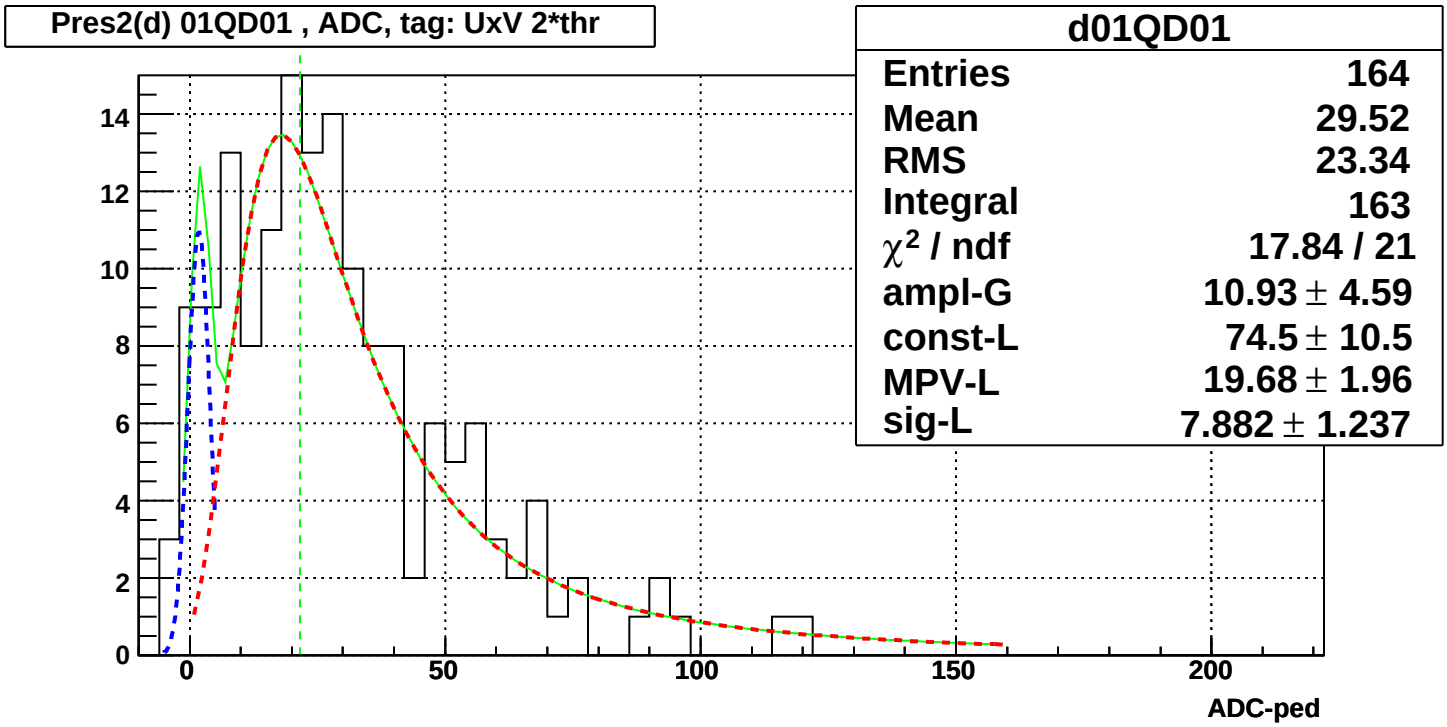

Pres2(a) 01QB01 , inclusive ADC
a01QB01
Entries 504000
Mean 1.611
RMS 10.19
Integral 5.035e+05
χ² / ndf 244 / 2
Constant 2.322e+06 ± 49223
Mean 0.5989 ± 0.0007
Sigma 0.05619 ± 0.00038
ADC-ped

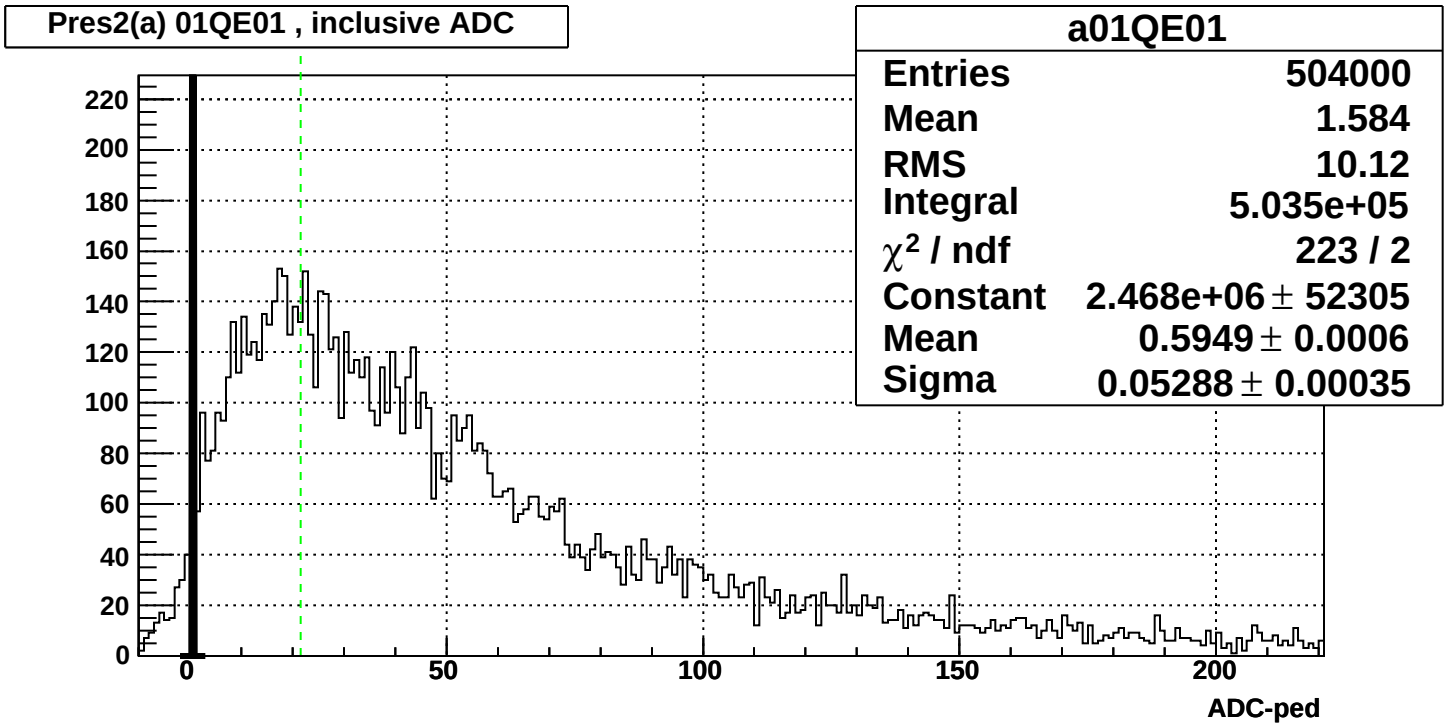

Pres2(d) 01QB01 , ADC, tag: UxV 2*thr
d01QB01
Entries 140
Mean 31.4
RMS 22.67
Integral 140
χ² / ndf 19.74 / 21
ampl-G -10.45 ± 7.91
const-L 71.22 ± 12.15
MPV-L 11.66 ± 4.88
sig-L 8.872 ± 1.207
ADC-ped

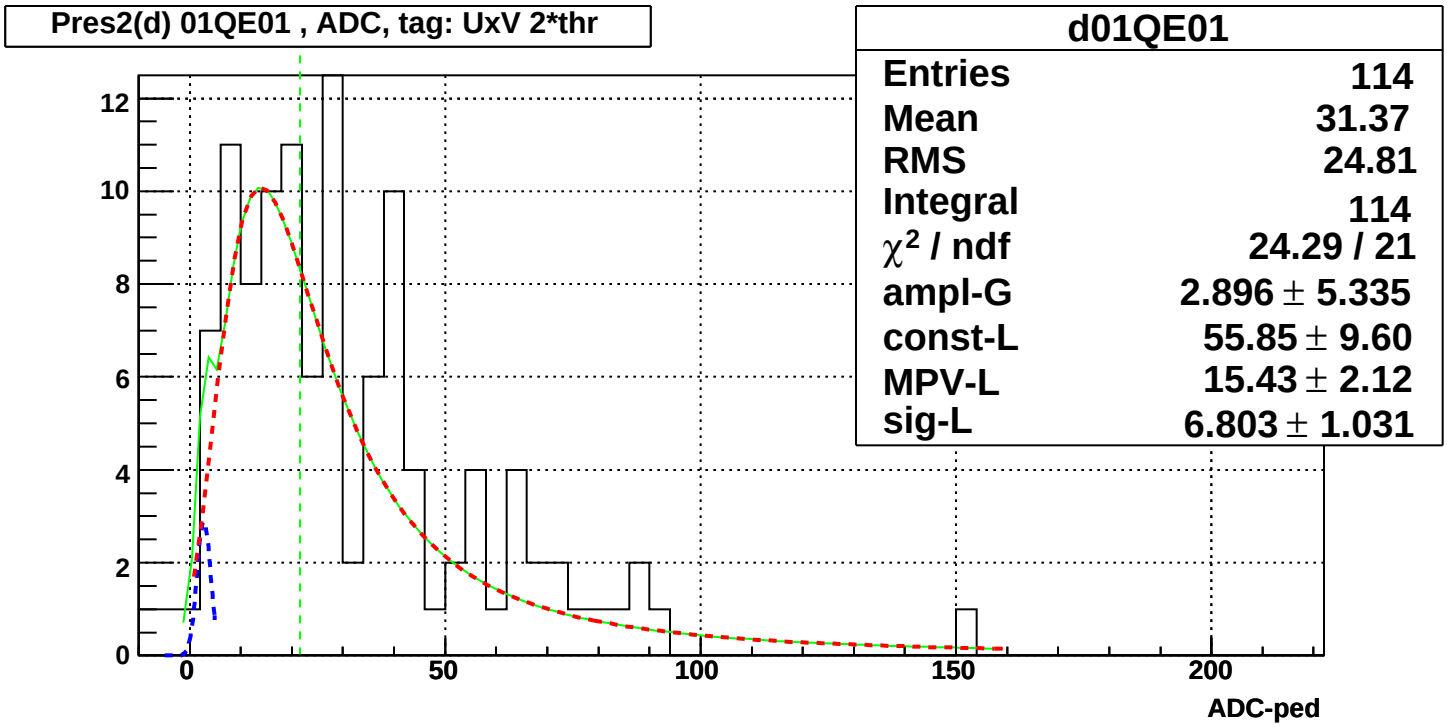

Pres2(a) 01QC01 , inclusive ADC
a01QC01
Entries 504000
Mean 1.587
RMS 10.09
Integral 5.034e+05
χ² / ndf 234 / 2
Constant 2.127e+06 ± 45075
Mean 0.5887 ± 0.0006
Sigma 0.05187 ± 0.00038
ADC-ped

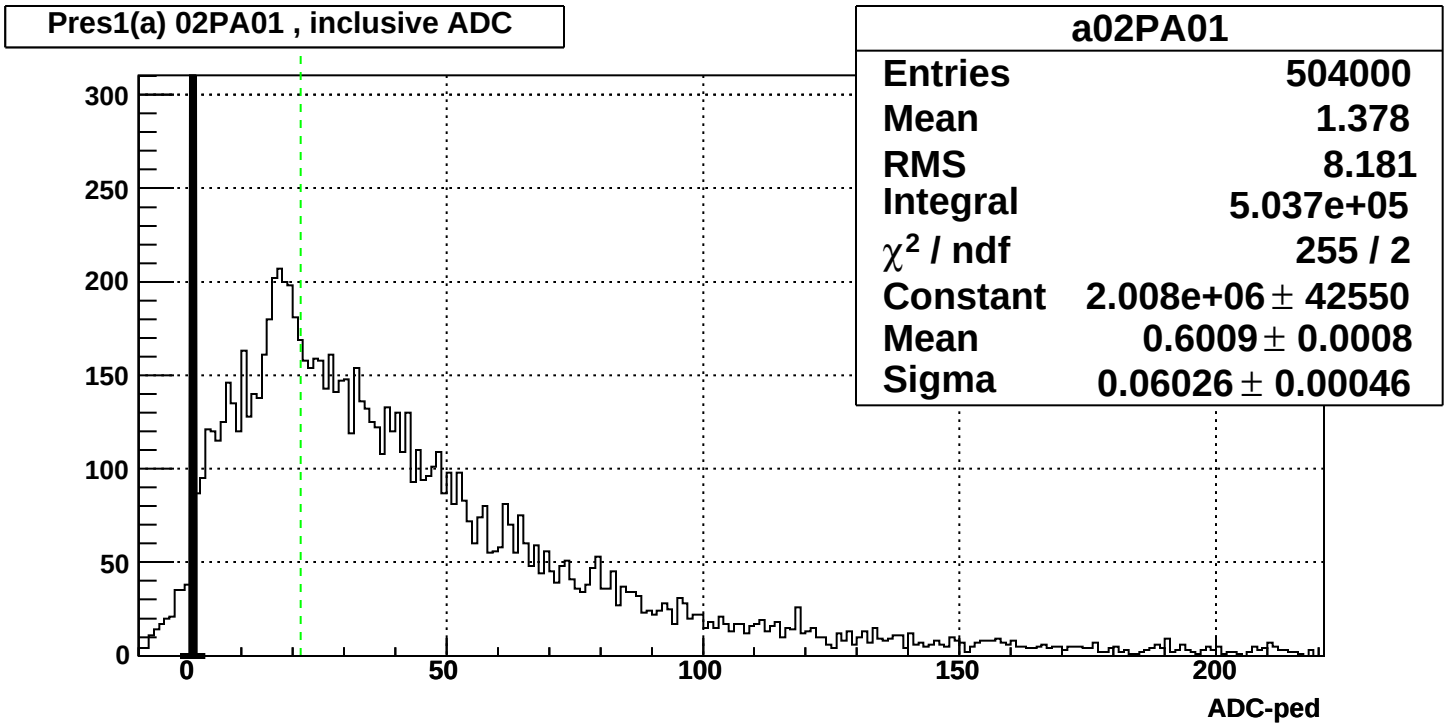

Pres2(d) 01QC01 , ADC, tag: UxV 2*thr
d01QC01
Entries 165
Mean 34.35
RMS 25.88
Integral 165
χ² / ndf 18.5 / 23
ampl-G -22.73 ± 8.70
const-L 96.35 ± 50.15
MPV-L -0.4131 ± 16.6524
sig-L 11.61 ± 1.91
ADC-ped

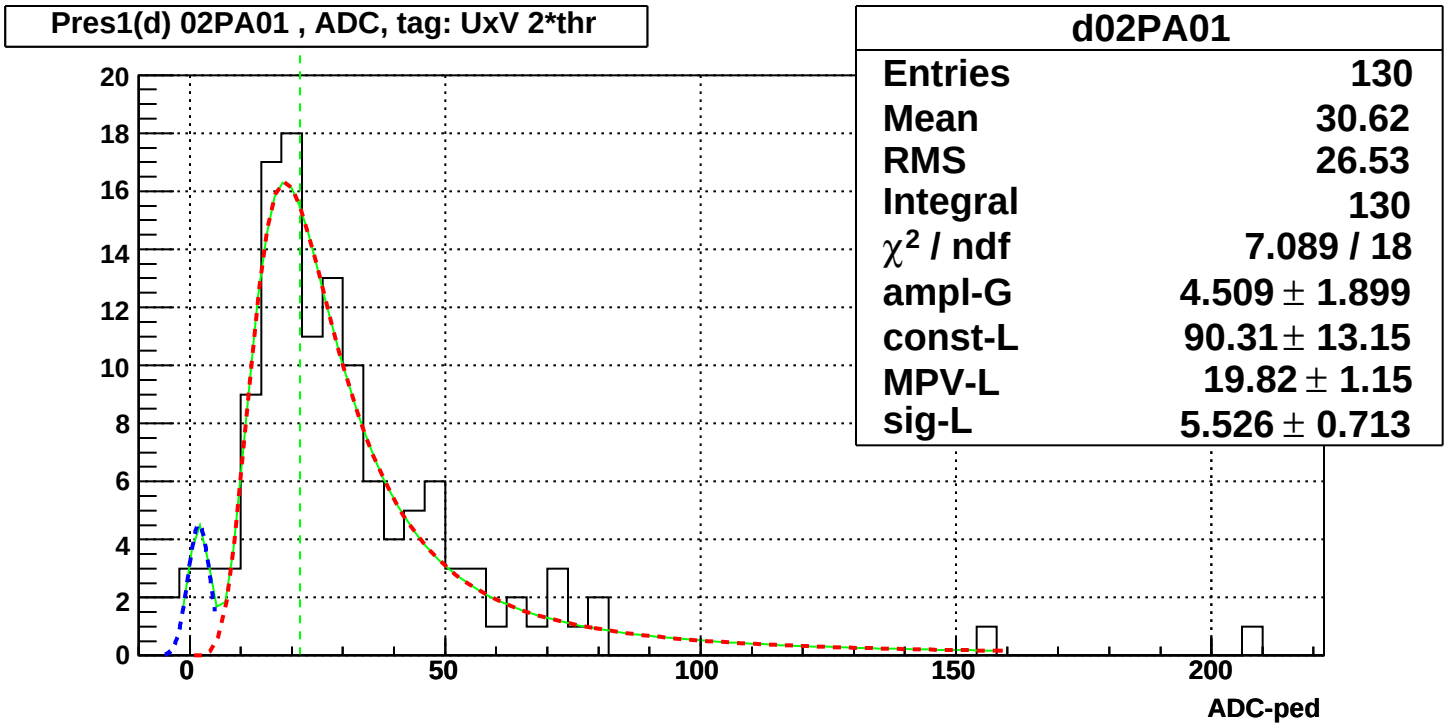

Pres2(a) 01QD01 , inclusive ADC
a01QD01
Entries 504000
Mean 1.583
RMS 10.04
Integral 5.035e+05
χ² / ndf 231 / 2
Constant 2.223e+06 ± 47130
Mean 0.6013 ± 0.0007
Sigma 0.05839 ± 0.00041
ADC-ped

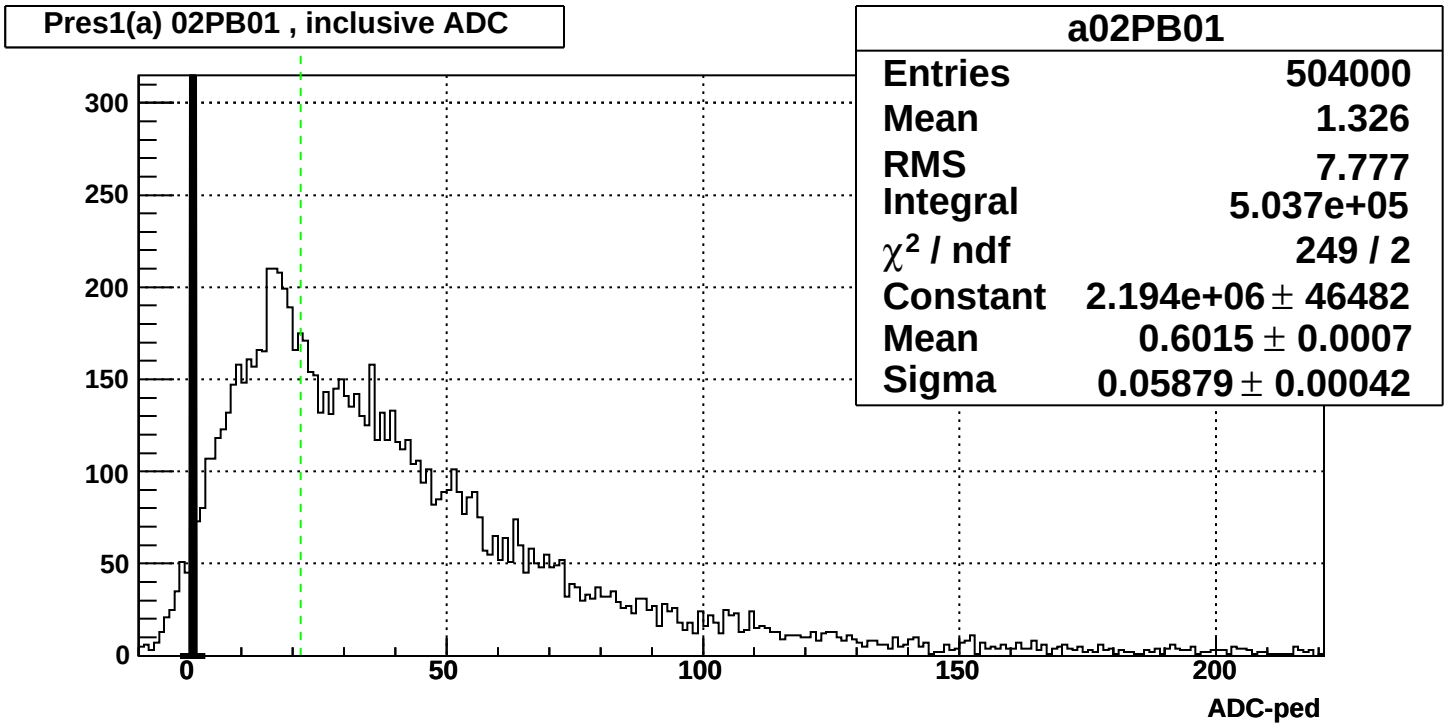

Pres2(d) 01QD01 , ADC, tag: UxV 2*thr
d01QD01
Entries 164
Mean 29.52
RMS 23.34
Integral 163
χ² / ndf 17.84 / 21
ampl-G 10.93 ± 4.59
const-L 74.5 ± 10.5
MPV-L 19.68 ± 1.96
sig-L 7.882 ± 1.237
ADC-ped

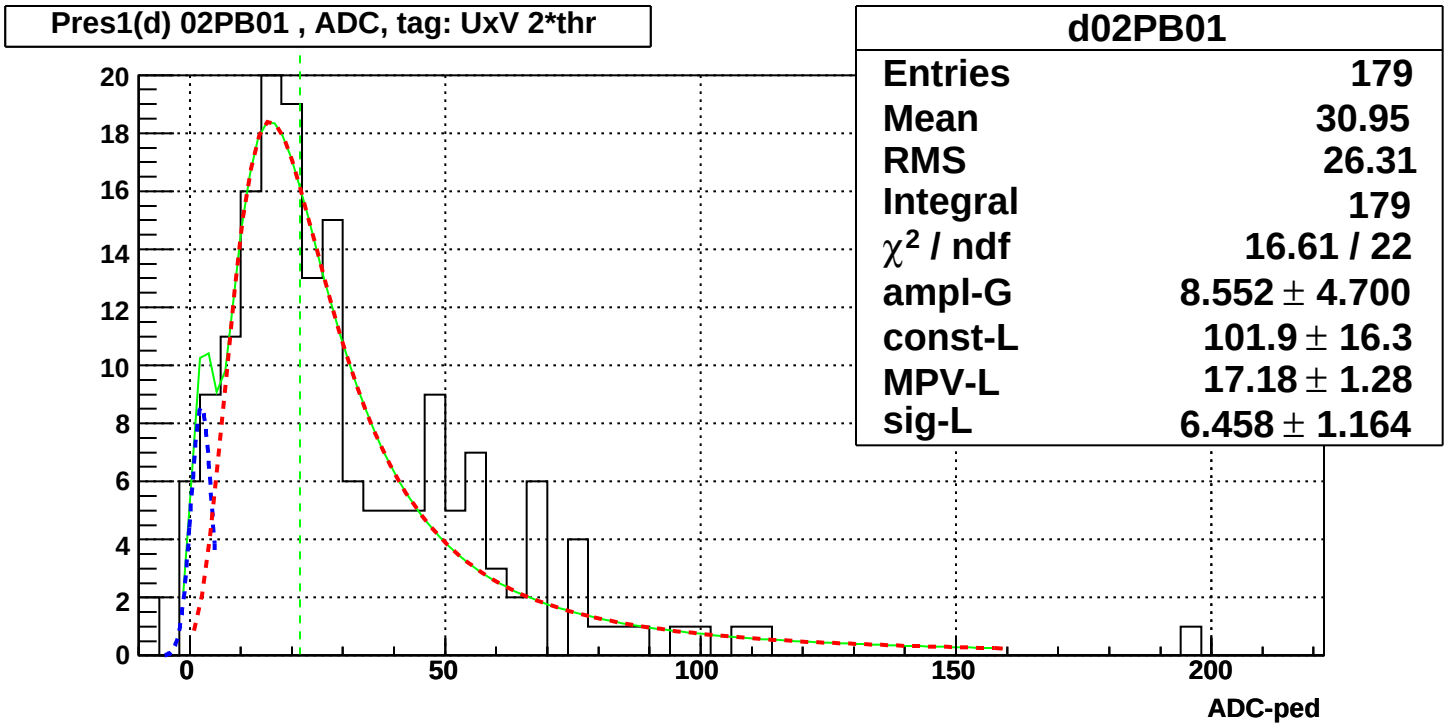

Pres2(a) 01QE01 , inclusive ADC
a01QE01
Entries 504000
Mean 1.584
RMS 10.12
Integral 5.035e+05
χ² / ndf 223 / 2
Constant 2.468e+06 ± 52305
Mean 0.5949 ± 0.0006
Sigma 0.05288 ± 0.00035
ADC-ped

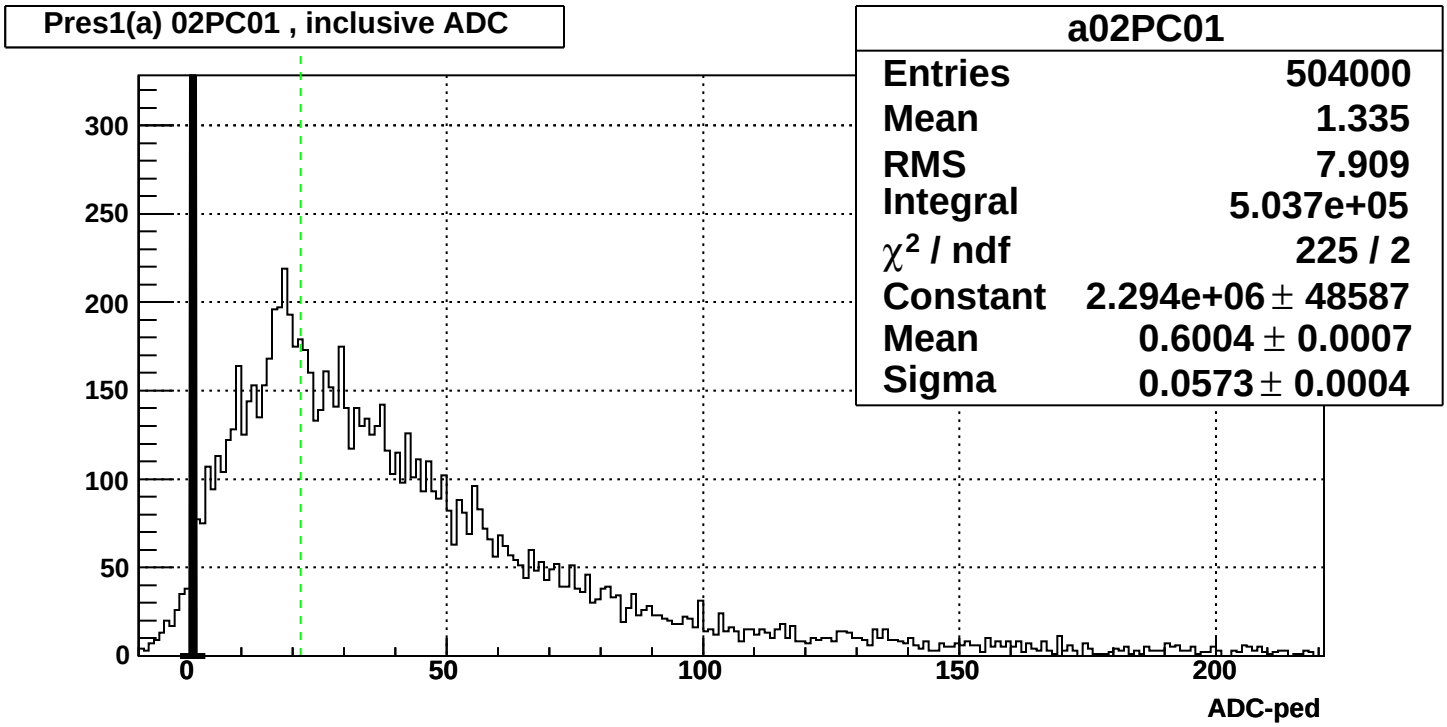

Pres2(d) 01QE01 , ADC, tag: UxV 2*thr
d01QE01
Entries 114
Mean 31.37
RMS 24.81
Integral 114
χ² / ndf 24.29 / 21
ampl-G 2.896 ± 5.335
const-L 55.85 ± 9.60
MPV-L 15.43 ± 2.12
sig-L 6.803 ± 1.031
ADC-ped

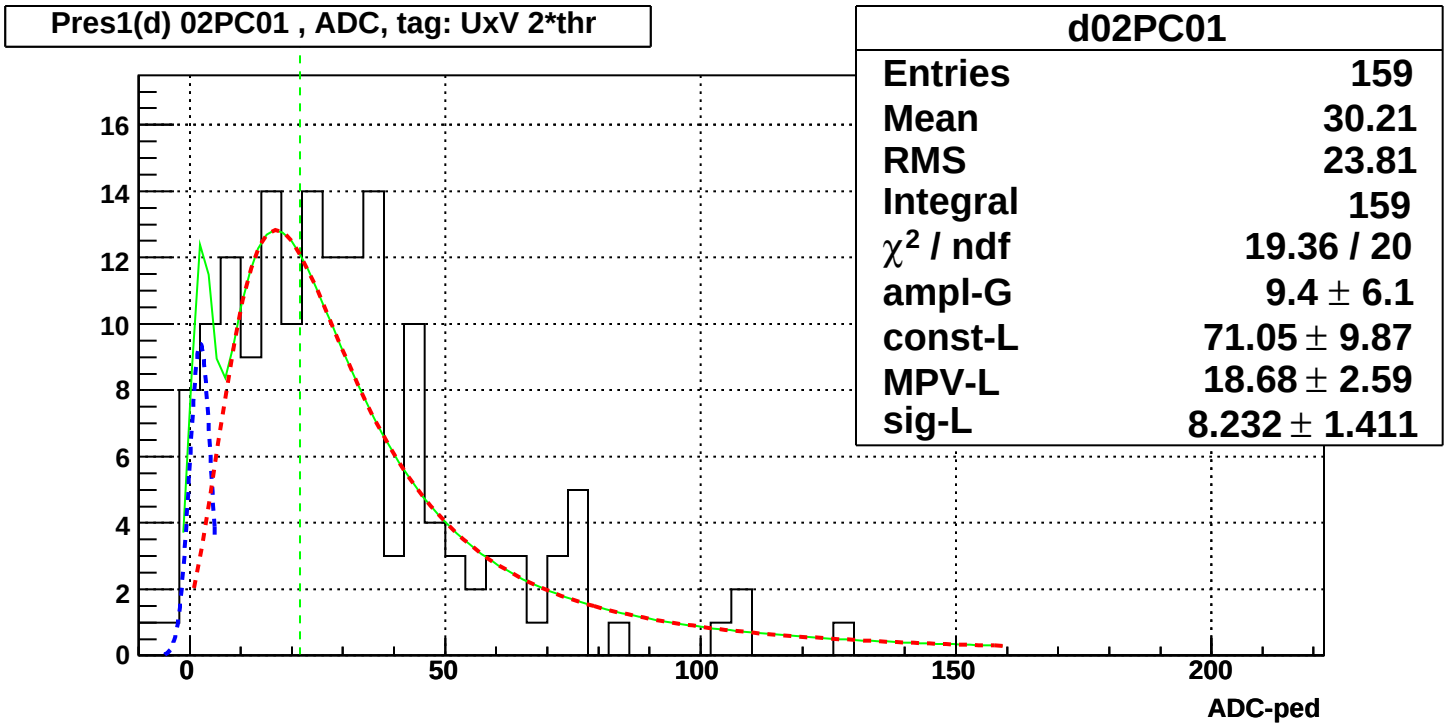

Pres1(a) 02PA01 , inclusive ADC
a02PA01
Entries 504000
Mean 1.378
RMS 8.181
Integral 5.037e+05
χ² / ndf 255 / 2
Constant 2.008e+06 ± 42550
Mean 0.6009 ± 0.0008
Sigma 0.06026 ± 0.00046
ADC-ped

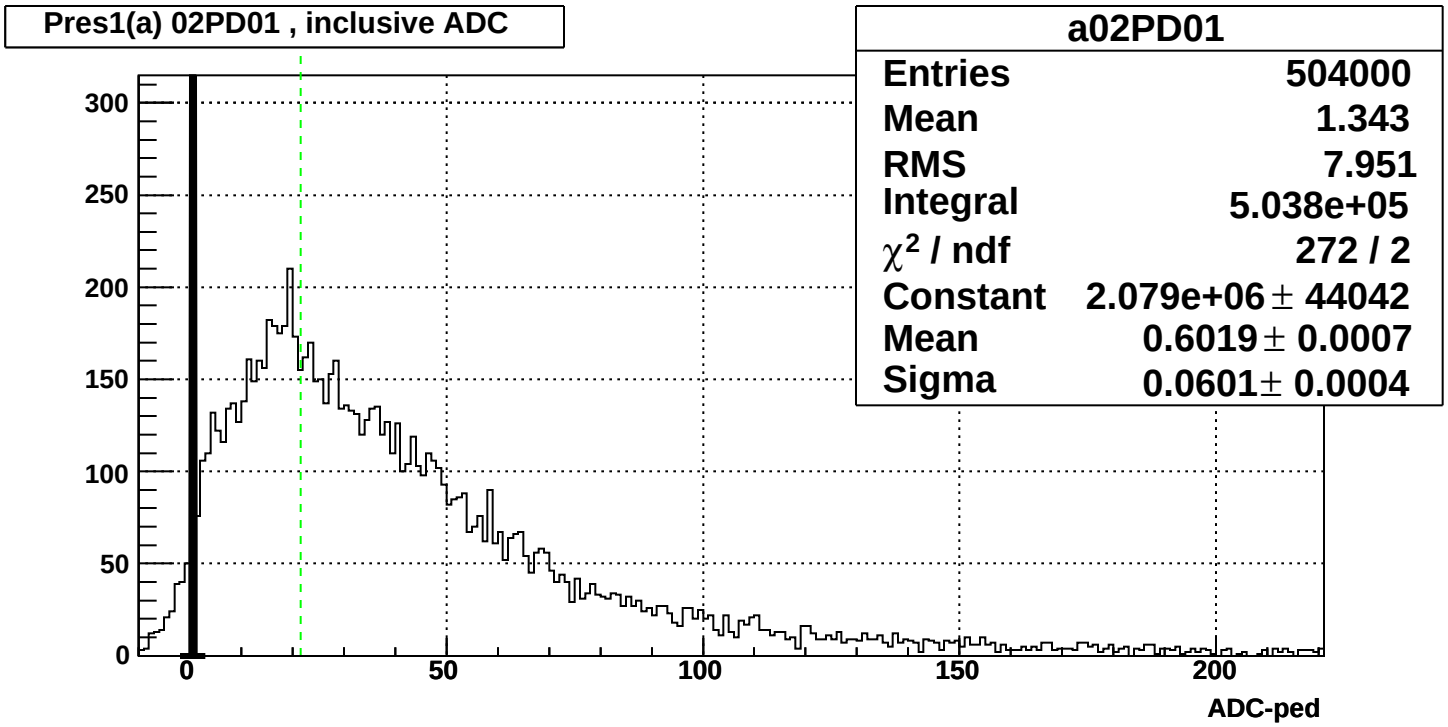

Pres1(d) 02PA01 , ADC, tag: UxV 2*thr
d02PA01
Entries 130
Mean 30.62
RMS 26.53
Integral 130
χ² / ndf 7.089 / 18
ampl-G 4.509 ± 1.899
const-L 90.31 ± 13.15
MPV-L 19.82 ± 1.15
sig-L 5.526 ± 0.713
ADC-ped

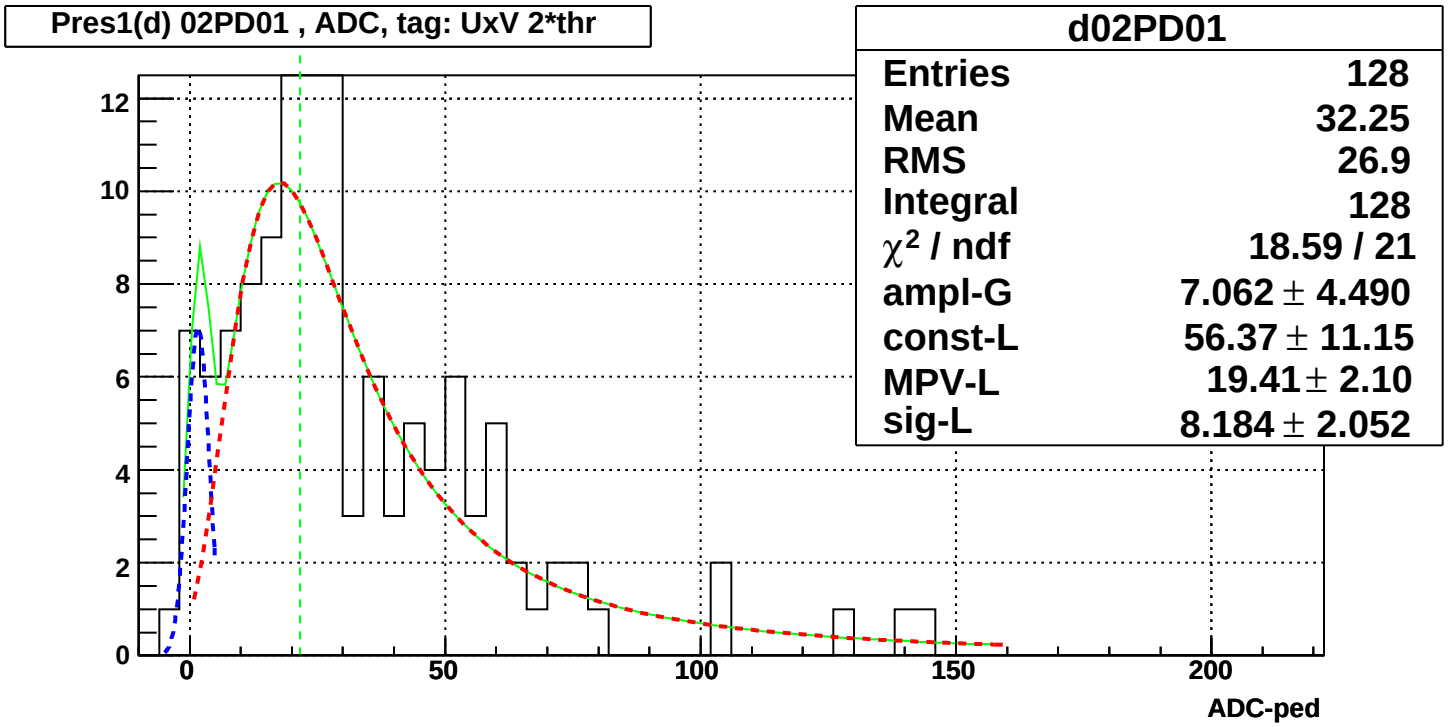

Pres1(a) 02PB01 , inclusive ADC
a02PB01
Entries 504000
Mean 1.326
RMS 7.777
Integral 5.037e+05
χ² / ndf 249 / 2
Constant 2.194e+06 ± 46482
Mean 0.6015 ± 0.0007
Sigma 0.05879 ± 0.00042
ADC-ped

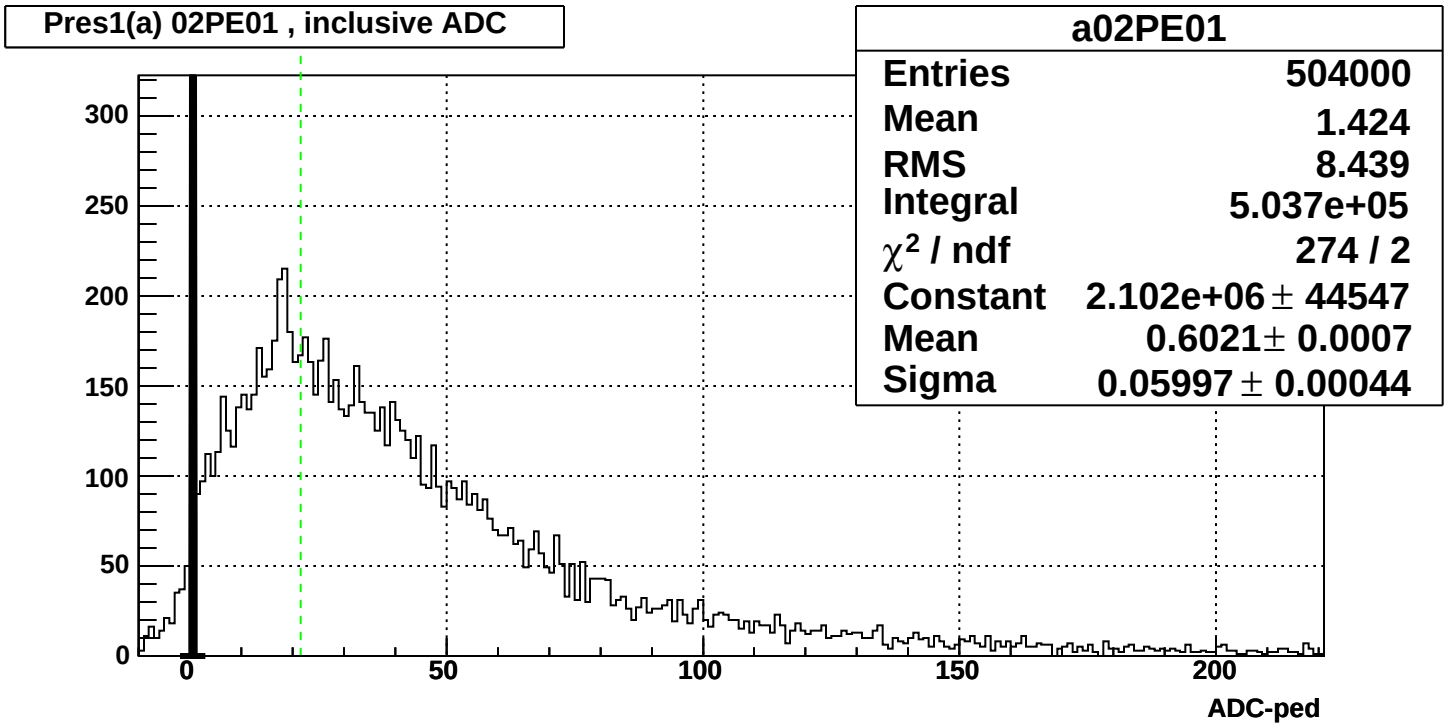

Pres1(d) 02PB01 , ADC, tag: UxV 2*thr
d02PB01
Entries 179
Mean 30.95
RMS 26.31
Integral 179
χ² / ndf 16.61 / 22
ampl-G 8.552 ± 4.700
const-L 101.9 ± 16.3
MPV-L 17.18 ± 1.28
sig-L 6.458 ± 1.164
ADC-ped

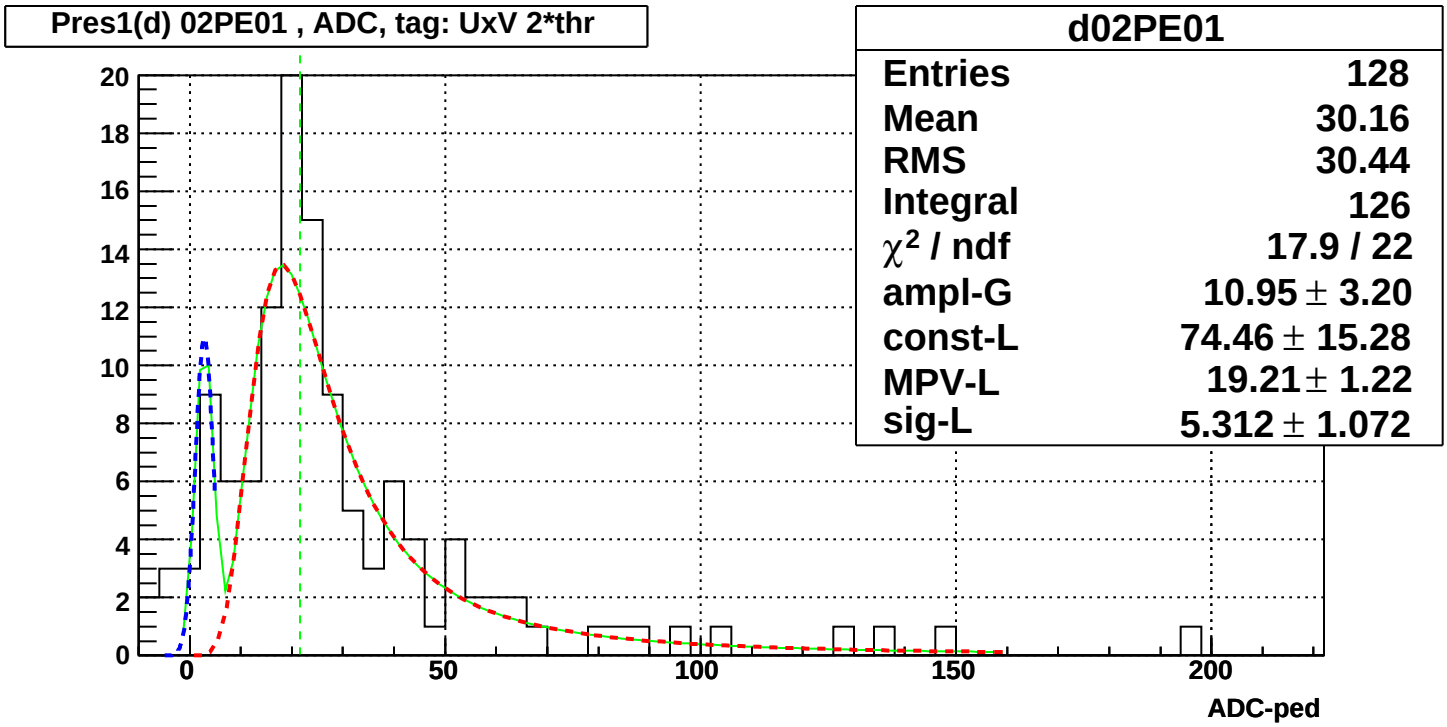

Pres1(a) 02PC01 , inclusive ADC
a02PC01
Entries 504000
Mean 1.335
RMS 7.909
Integral 5.037e+05
χ² / ndf 225 / 2
Constant 2.294e+06 ± 48587
Mean 0.6004 ± 0.0007
Sigma 0.0573 ± 0.0004
ADC-ped

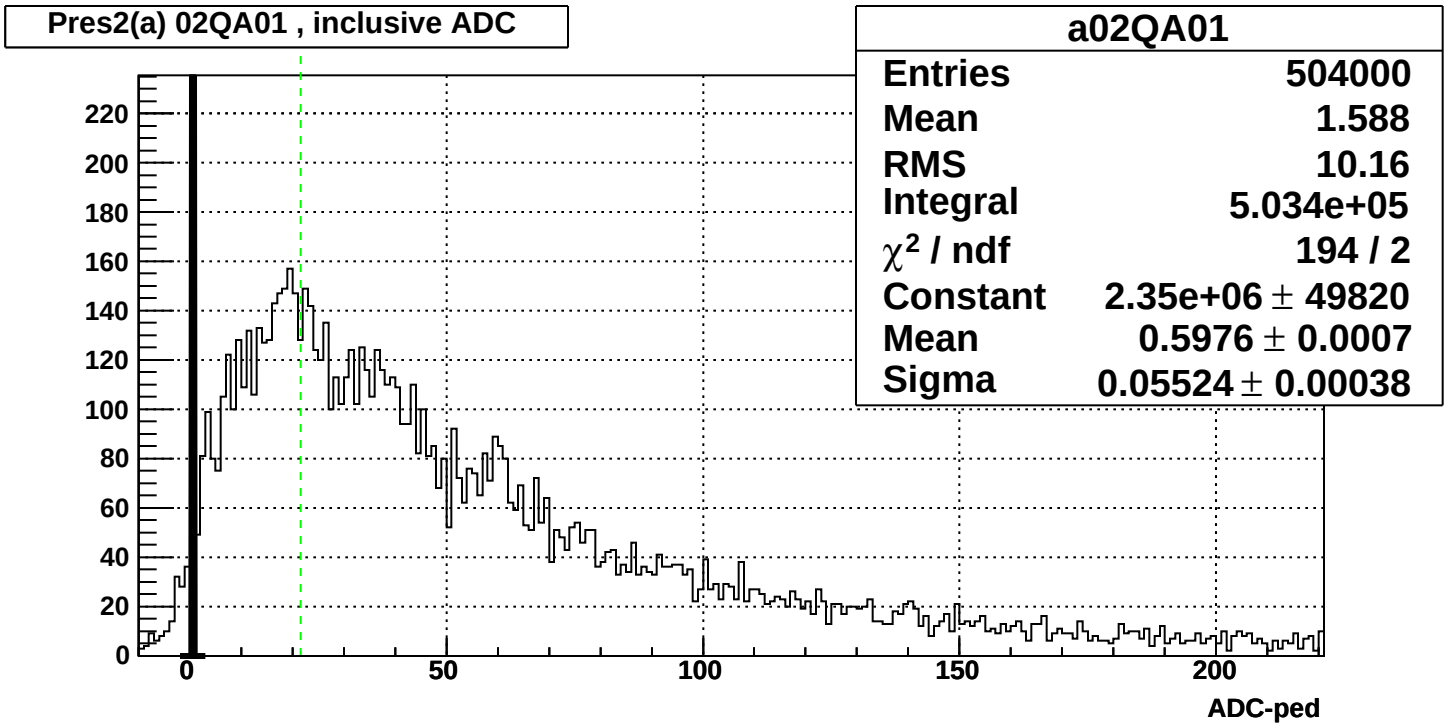

Pres1(d) 02PC01 , ADC, tag: UxV 2*thr
d02PC01
Entries 159
Mean 30.21
RMS 23.81
Integral 159
χ² / ndf 19.36 / 20
ampl-G 9.4 ± 6.1
const-L 71.05 ± 9.87
MPV-L 18.68 ± 2.59
sig-L 8.232 ± 1.411
ADC-ped

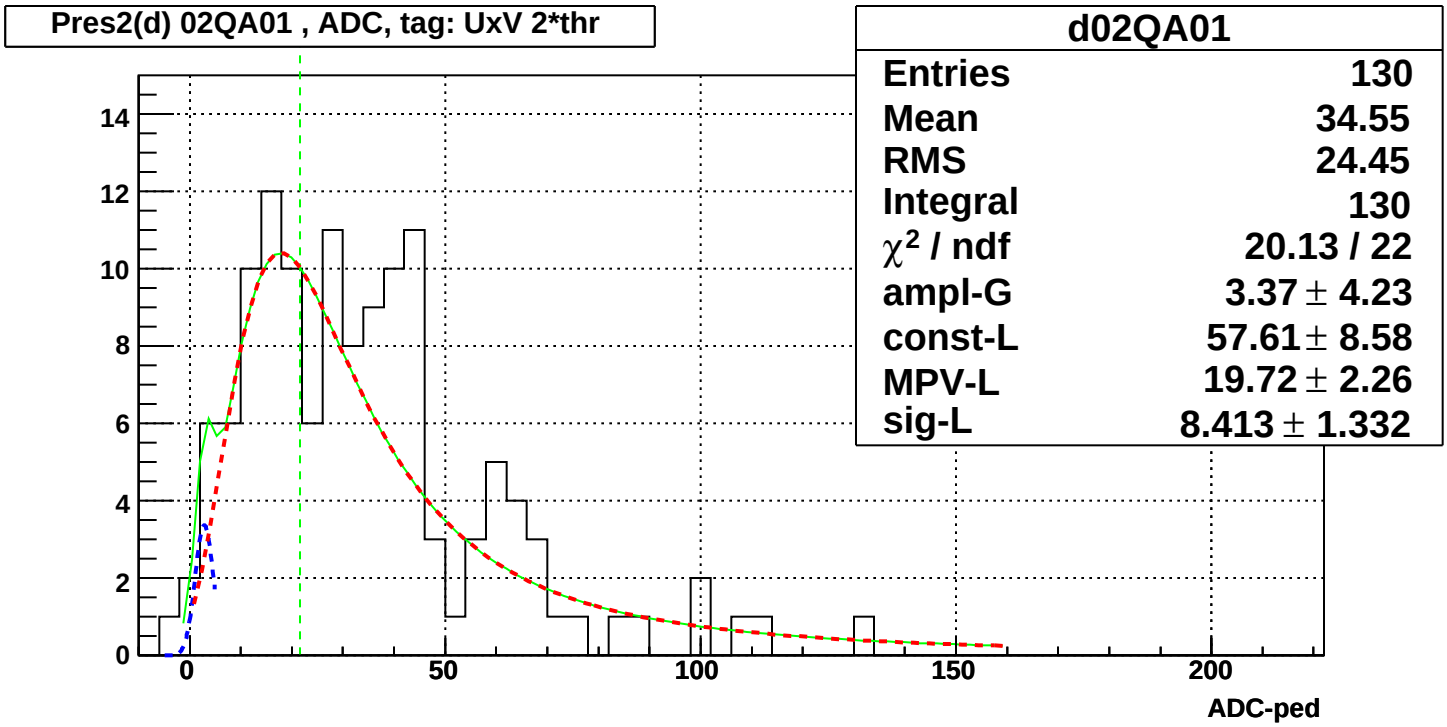

Pres1(a) 02PD01 , inclusive ADC
a02PD01
Entries 504000
Mean 1.343
RMS 7.951
Integral 5.038e+05
χ² / ndf 272 / 2
Constant 2.079e+06 ± 44042
Mean 0.6019 ± 0.0007
Sigma 0.0601 ± 0.0004
ADC-ped

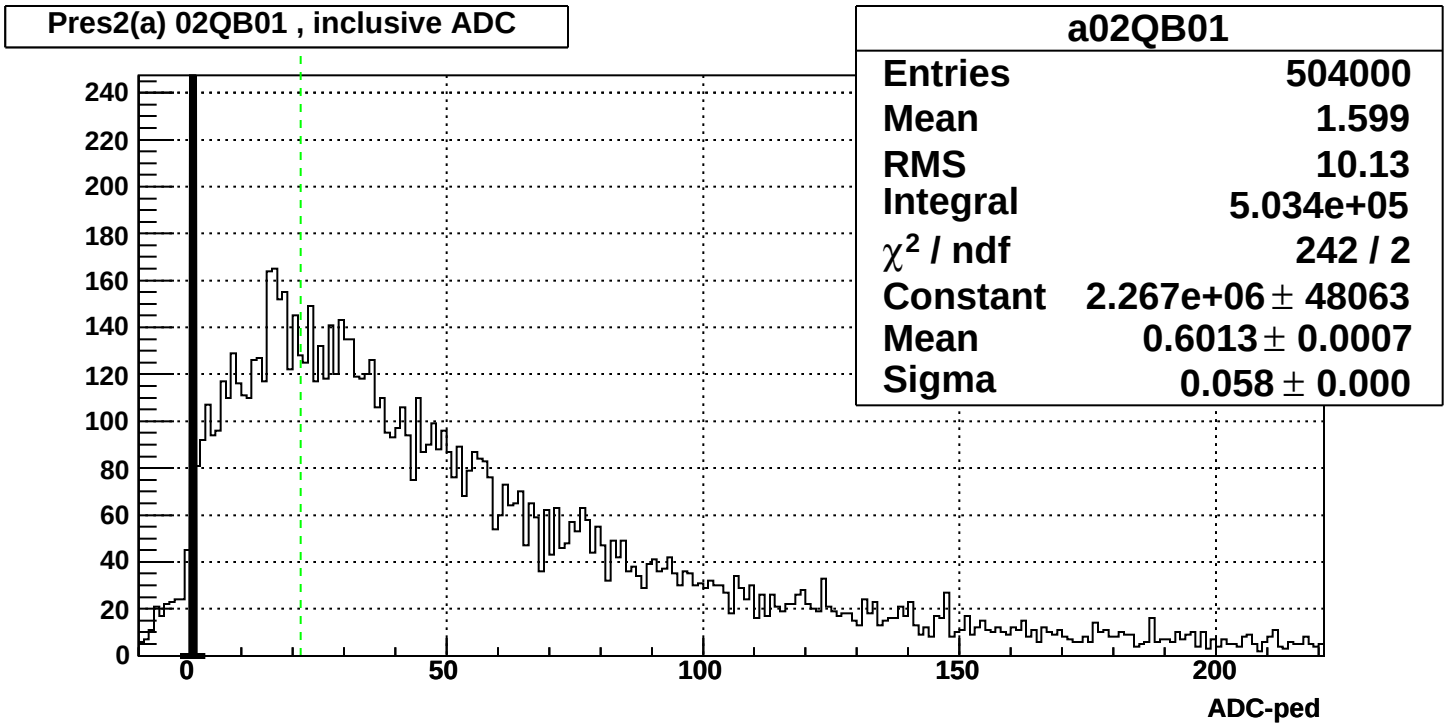

Pres1(d) 02PD01 , ADC, tag: UxV 2*thr
d02PD01
Entries 128
Mean 32.25
RMS 26.9
Integral 128
χ² / ndf 18.59 / 21
ampl-G 7.062 ± 4.490
const-L 56.37 ± 11.15
MPV-L 19.41 ± 2.10
sig-L 8.184 ± 2.052
ADC-ped

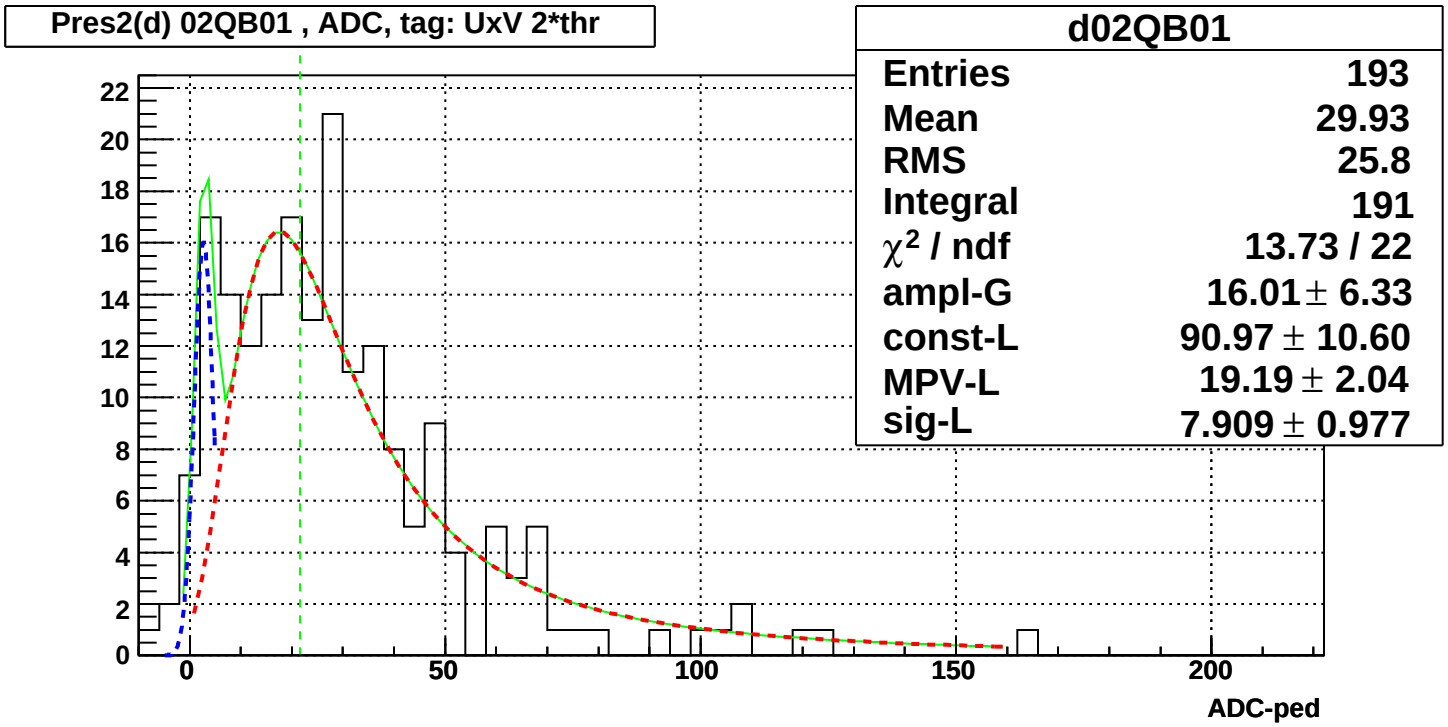

Pres1(a) 02PE01 , inclusive ADC
a02PE01
Entries 504000
Mean 1.424
RMS 8.439
Integral 5.037e+05
χ² / ndf 274 / 2
Constant 2.102e+06 ± 44547
Mean 0.6021 ± 0.0007
Sigma 0.05997 ± 0.00044
ADC-ped

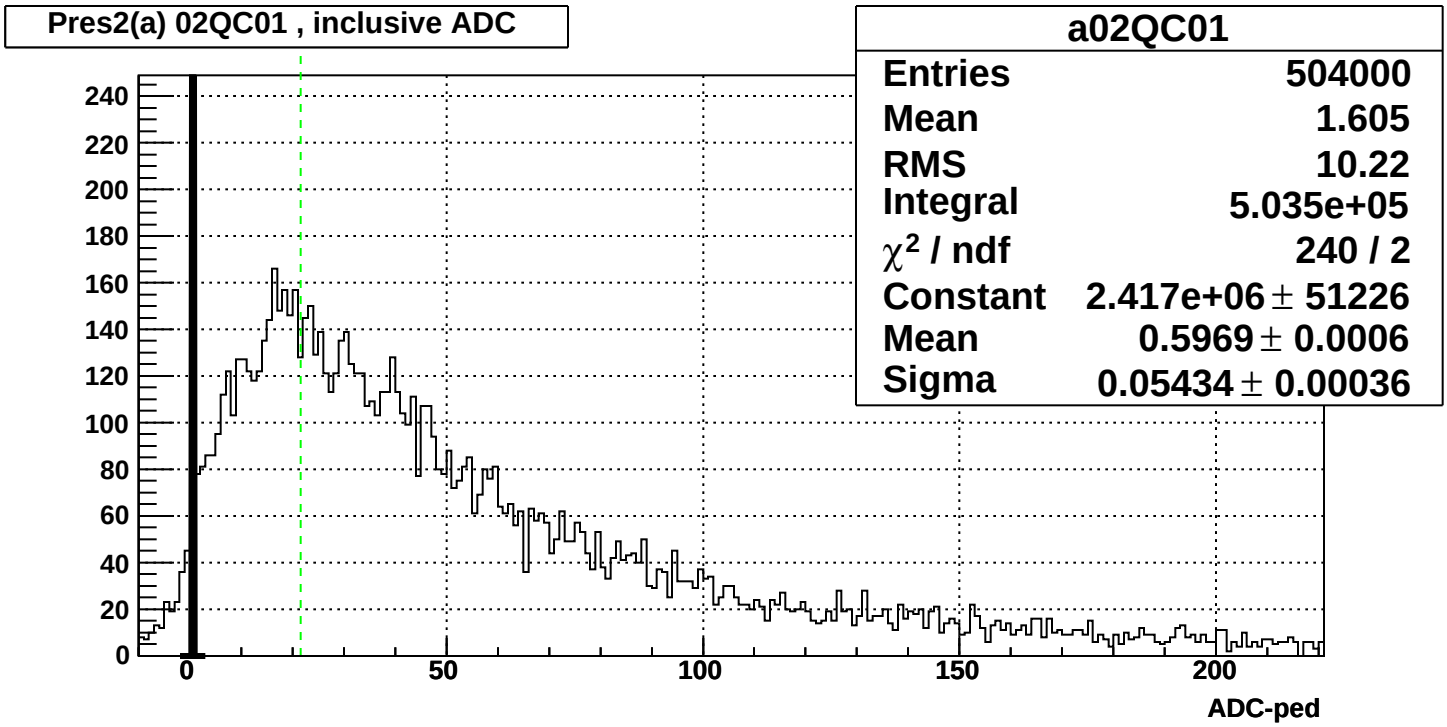

Pres1(d) 02PE01 , ADC, tag: UxV 2*thr
d02PE01
Entries 128
Mean 30.16
RMS 30.44
Integral 126
χ² / ndf 17.9 / 22
ampl-G 10.95 ± 3.20
const-L 74.46 ± 15.28
MPV-L 19.21 ± 1.22
sig-L 5.312 ± 1.072
ADC-ped

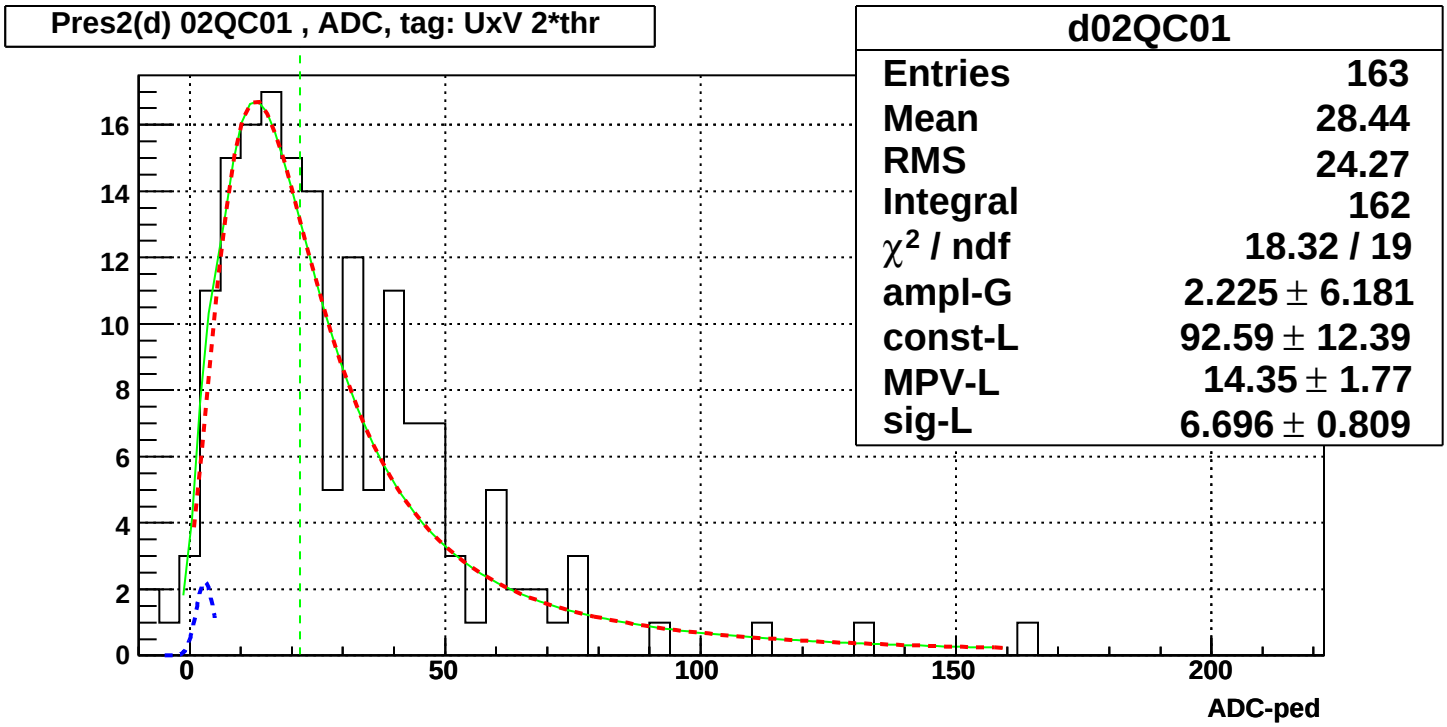

Pres2(a) 02QA01 , inclusive ADC
a02QA01
Entries 504000
Mean 1.588
RMS 10.16
Integral 5.034e+05
χ² / ndf 194 / 2
Constant 2.35e+06 ± 49820
Mean 0.5976 ± 0.0007
Sigma 0.05524 ± 0.00038
ADC-ped

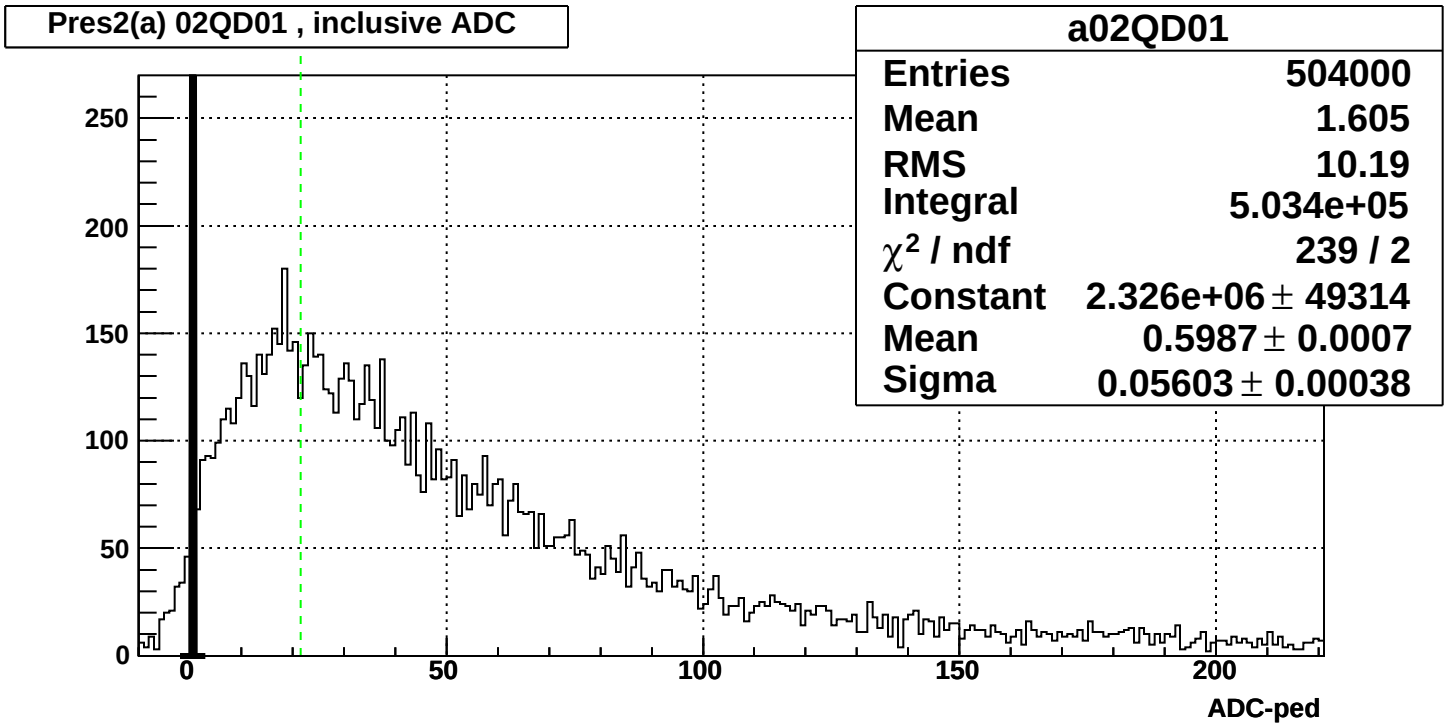

Pres2(d) 02QA01 , ADC, tag: UxV 2*thr
d02QA01
Entries 130
Mean 34.55
RMS 24.45
Integral 130
χ² / ndf 20.13 / 22
ampl-G 3.37 ± 4.23
const-L 57.61 ± 8.58
MPV-L 19.72 ± 2.26
sig-L 8.413 ± 1.332
ADC-ped

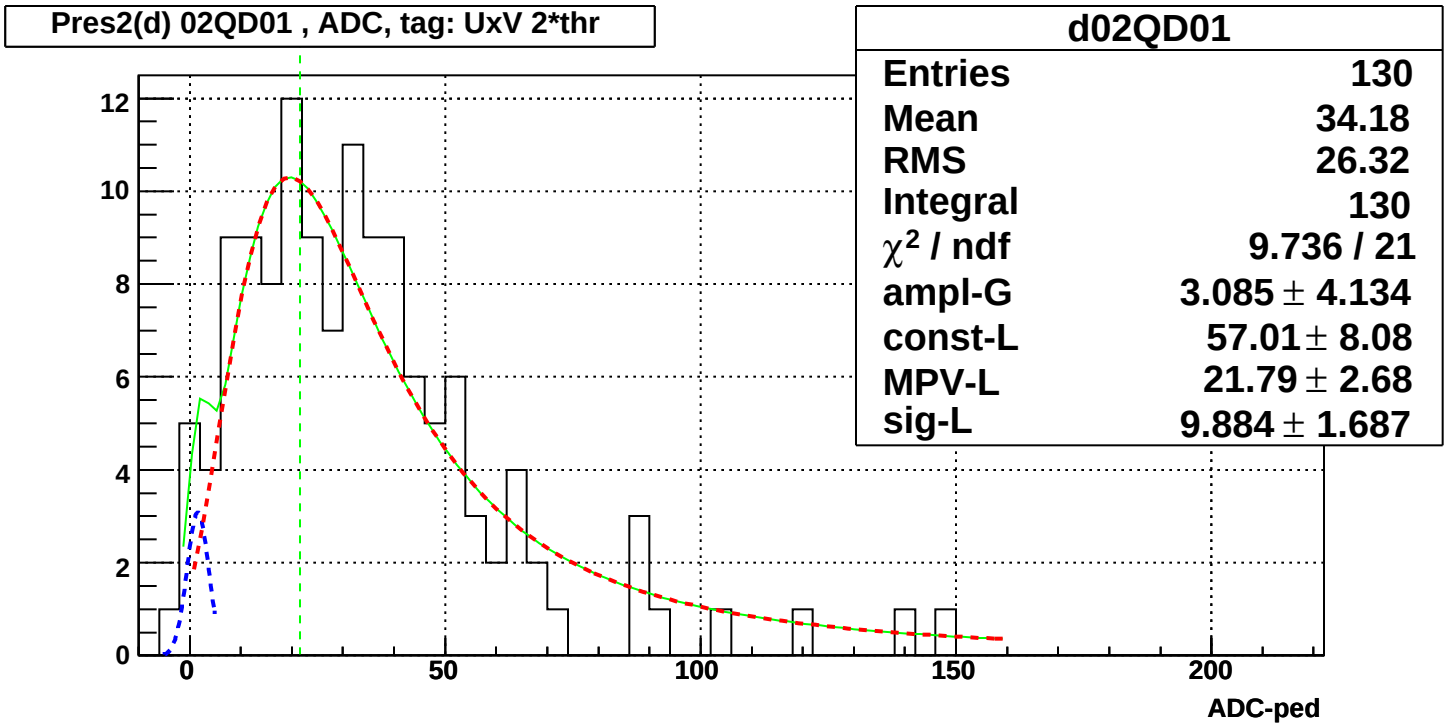

Pres2(a) 02QB01 , inclusive ADC
a02QB01
Entries 504000
Mean 1.599
RMS 10.13
Integral 5.034e+05
χ² / ndf 242 / 2
Constant 2.267e+06 ± 48063
Mean 0.6013 ± 0.0007
Sigma 0.058 ± 0.000
ADC-ped

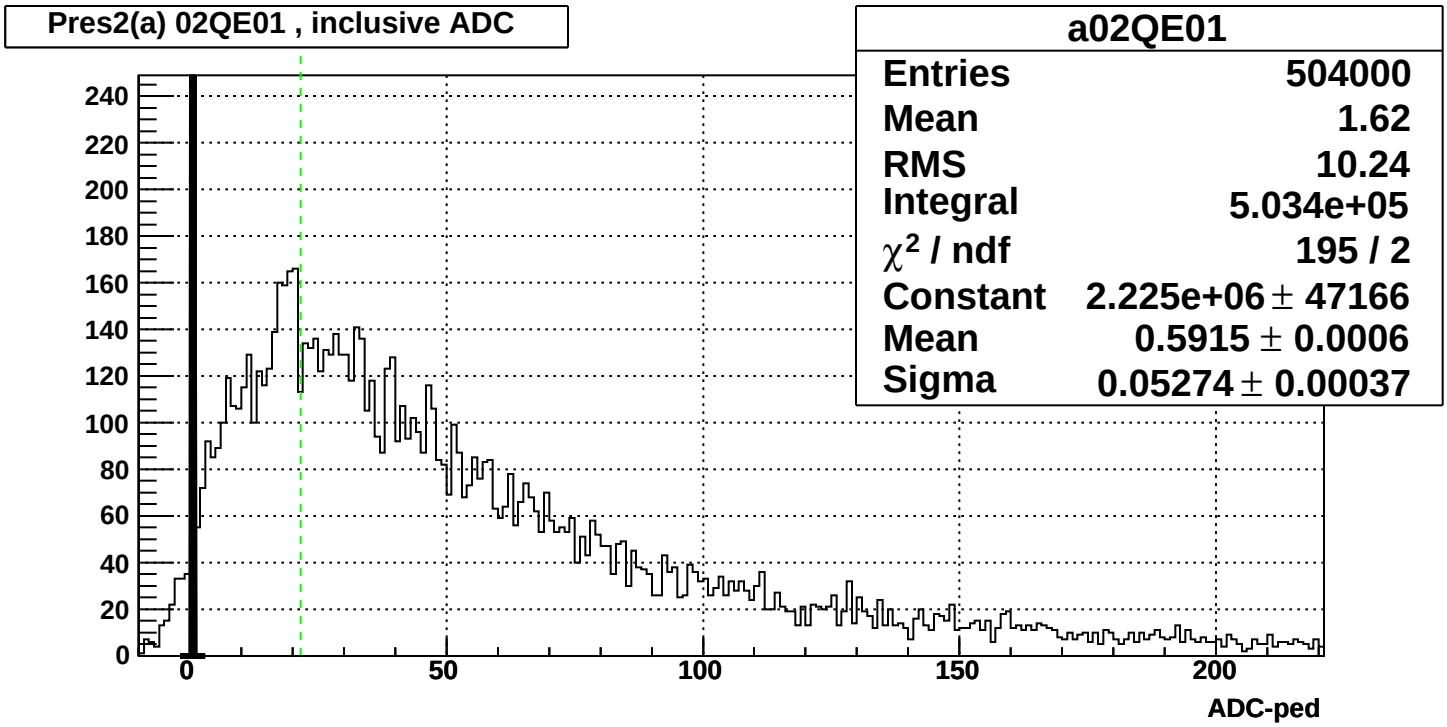

Pres2(d) 02QB01 , ADC, tag: UxV 2*thr
d02QB01
Entries 193
Mean 29.93
RMS 25.8
Integral 191
χ² / ndf 13.73 / 22
ampl-G 16.01 ± 6.33
const-L 90.97 ± 10.60
MPV-L 19.19 ± 2.04
sig-L 7.909 ± 0.977
ADC-ped

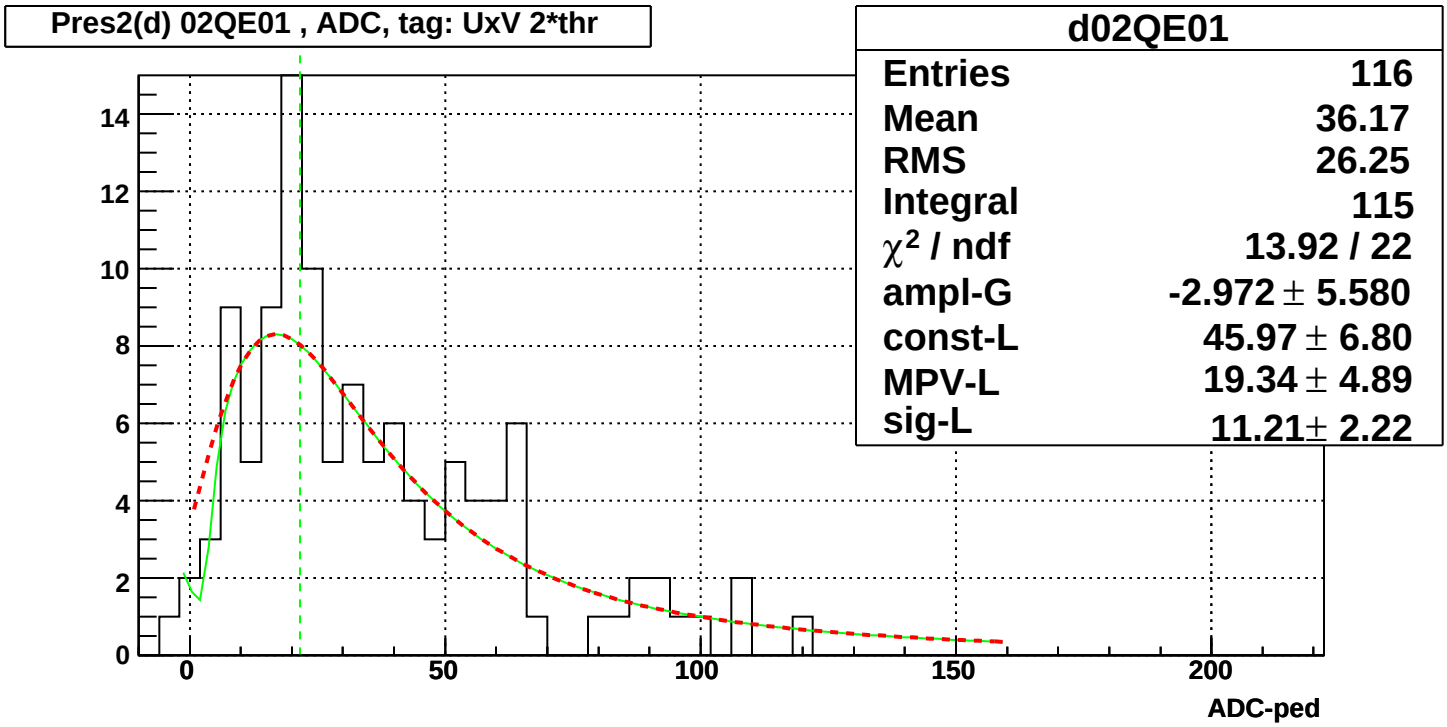

Pres2(a) 02QC01 , inclusive ADC
a02QC01
Entries 504000
Mean 1.605
RMS 10.22
Integral 5.035e+05
χ² / ndf 240 / 2
Constant 2.417e+06 ± 51226
Mean 0.5969 ± 0.0006
Sigma 0.05434 ± 0.00036
ADC-ped

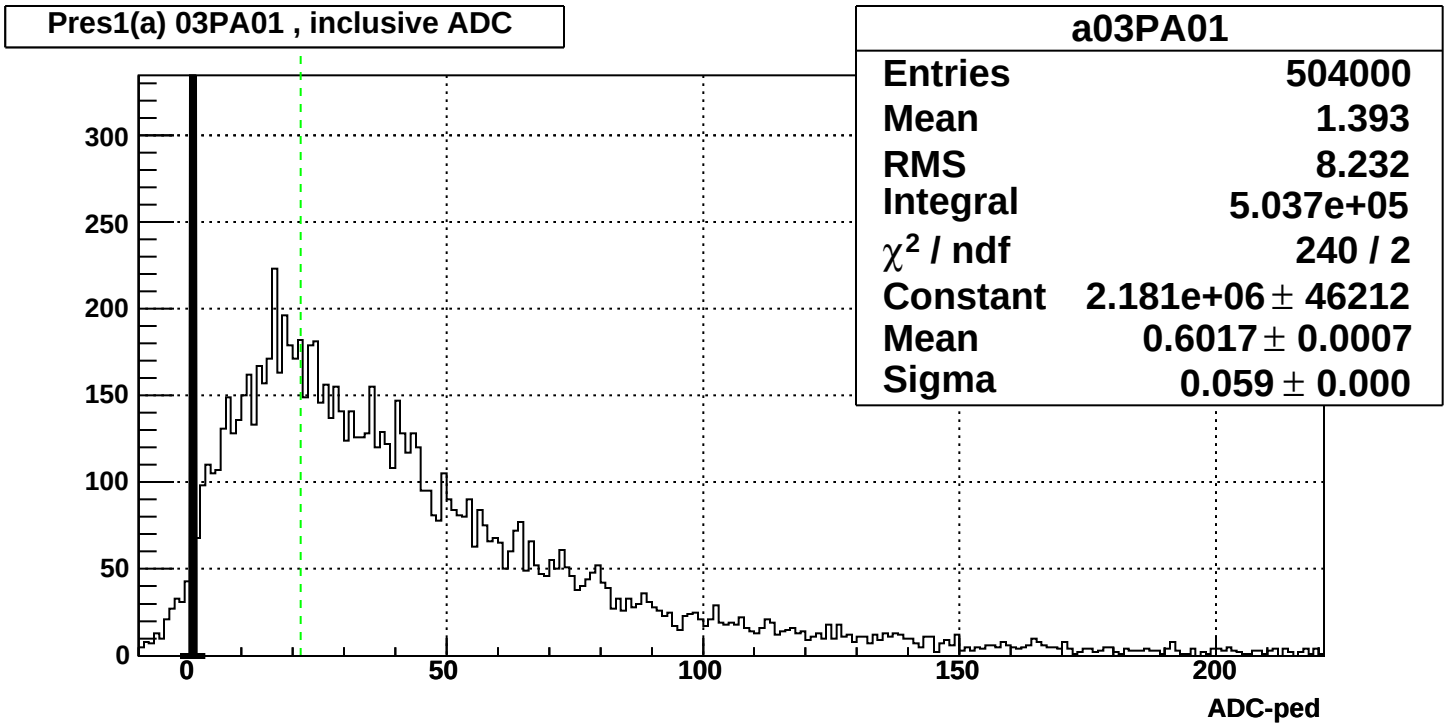

Pres2(d) 02QC01 , ADC, tag: UxV 2*thr
d02QC01
Entries 163
Mean 28.44
RMS 24.27
Integral 162
χ² / ndf 18.32 / 19
ampl-G 2.225 ± 6.181
const-L 92.59 ± 12.39
MPV-L 14.35 ± 1.77
sig-L 6.696 ± 0.809
ADC-ped

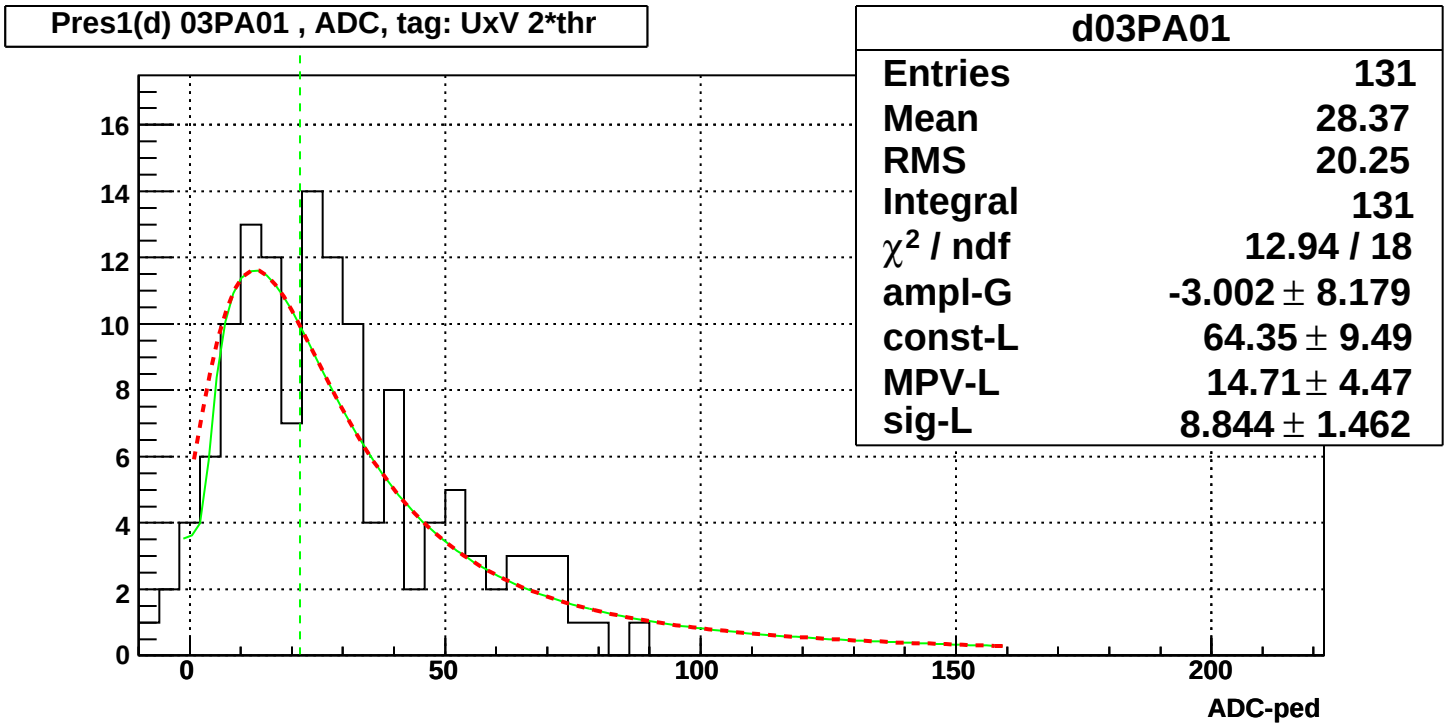

Pres2(a) 02QD01 , inclusive ADC
a02QD01
Entries 504000
Mean 1.605
RMS 10.19
Integral 5.034e+05
χ² / ndf 239 / 2
Constant 2.326e+06 ± 49314
Mean 0.5987 ± 0.0007
Sigma 0.05603 ± 0.00038
ADC-ped

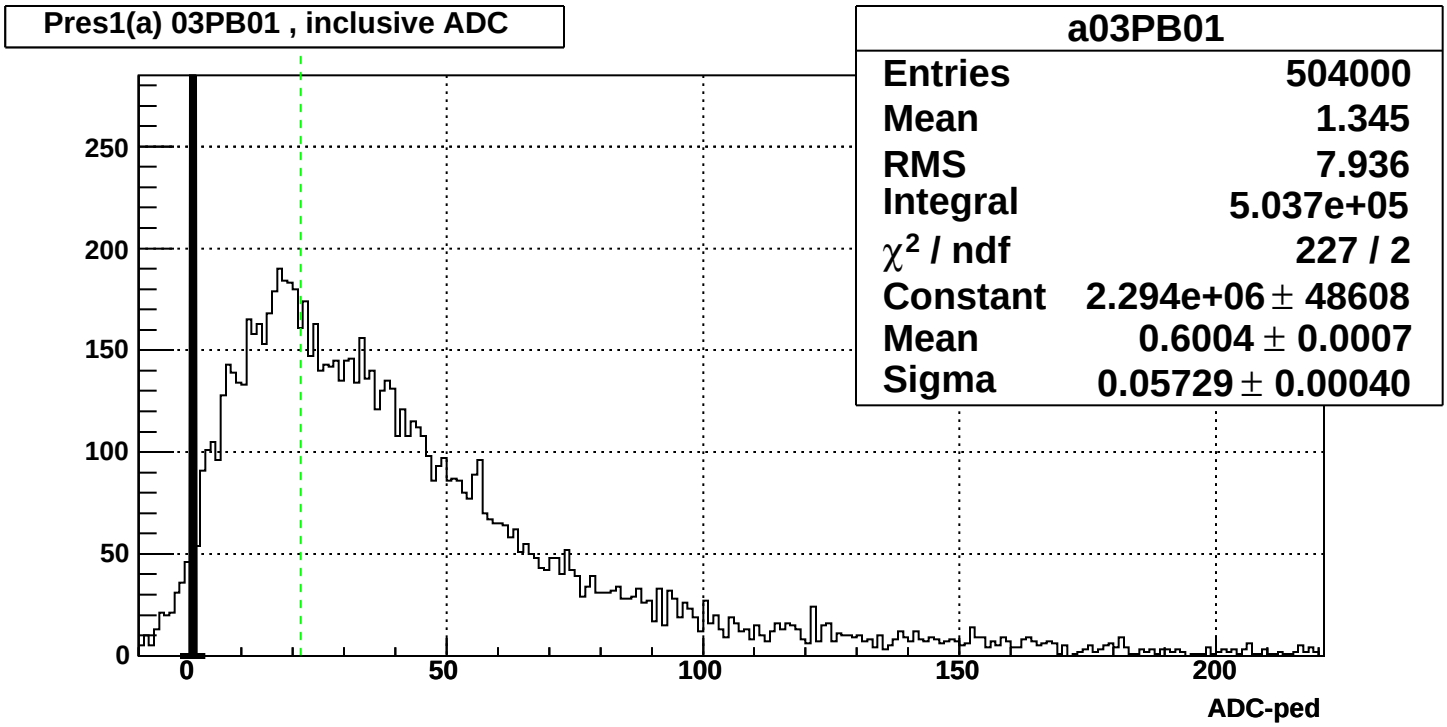

Pres2(d) 02QD01 , ADC, tag: UxV 2*thr
d02QD01
Entries 130
Mean 34.18
RMS 26.32
Integral 130
χ² / ndf 9.736 / 21
ampl-G 3.085 ± 4.134
const-L 57.01 ± 8.08
MPV-L 21.79 ± 2.68
sig-L 9.884 ± 1.687
ADC-ped

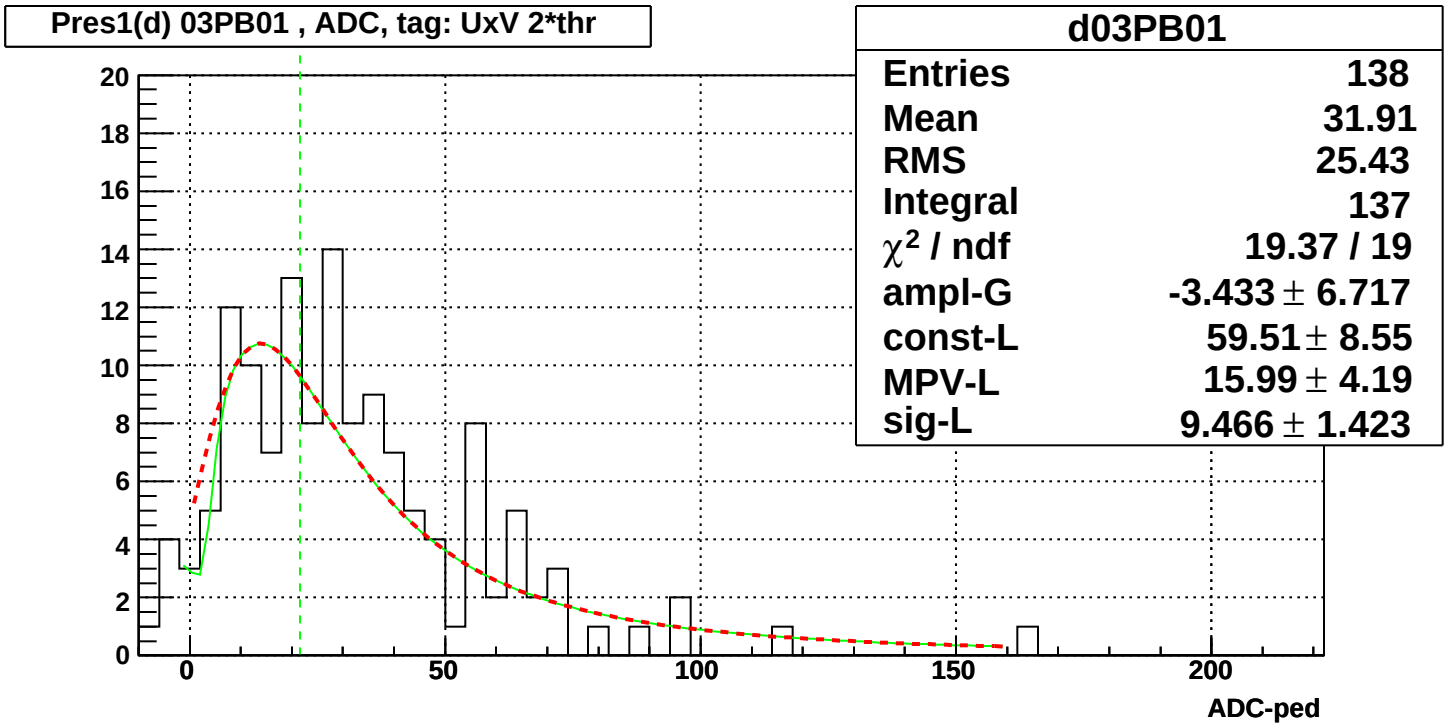

Pres2(a) 02QE01 , inclusive ADC
a02QE01
Entries 504000
Mean 1.62
RMS 10.24
Integral 5.034e+05
χ² / ndf 195 / 2
Constant 2.225e+06 ± 47166
Mean 0.5915 ± 0.0006
Sigma 0.05274 ± 0.00037
ADC-ped

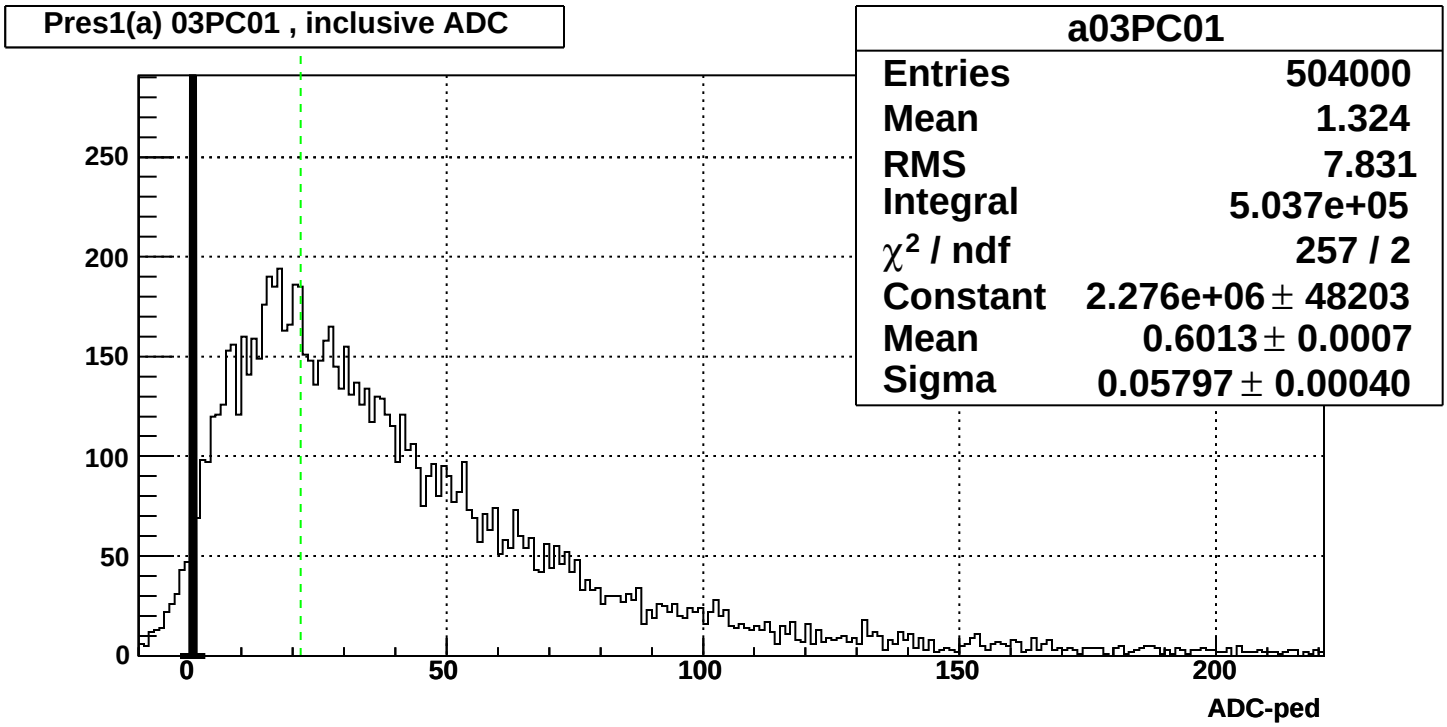

Pres2(d) 02QE01 , ADC, tag: UxV 2*thr
d02QE01
Entries 116
Mean 36.17
RMS 26.25
Integral 115
χ² / ndf 13.92 / 22
ampl-G -2.972 ± 5.580
const-L 45.97 ± 6.80
MPV-L 19.34 ± 4.89
sig-L 11.21± 2.22
ADC-ped

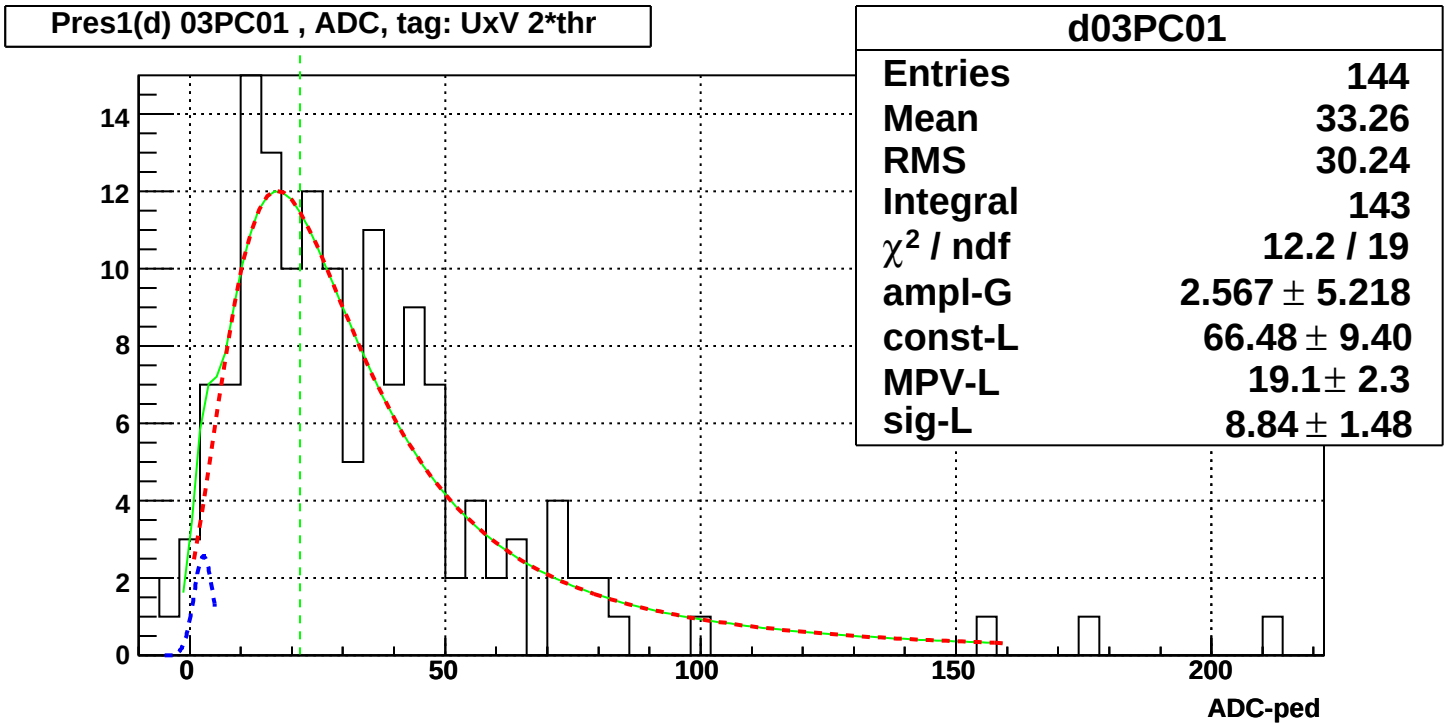

Pres1(a) 03PA01 , inclusive ADC
a03PA01
Entries 504000
Mean 1.393
RMS 8.232
Integral 5.037e+05
χ² / ndf 240 / 2
Constant 2.181e+06 ± 46212
Mean 0.6017 ± 0.0007
Sigma 0.059 ± 0.000
ADC-ped

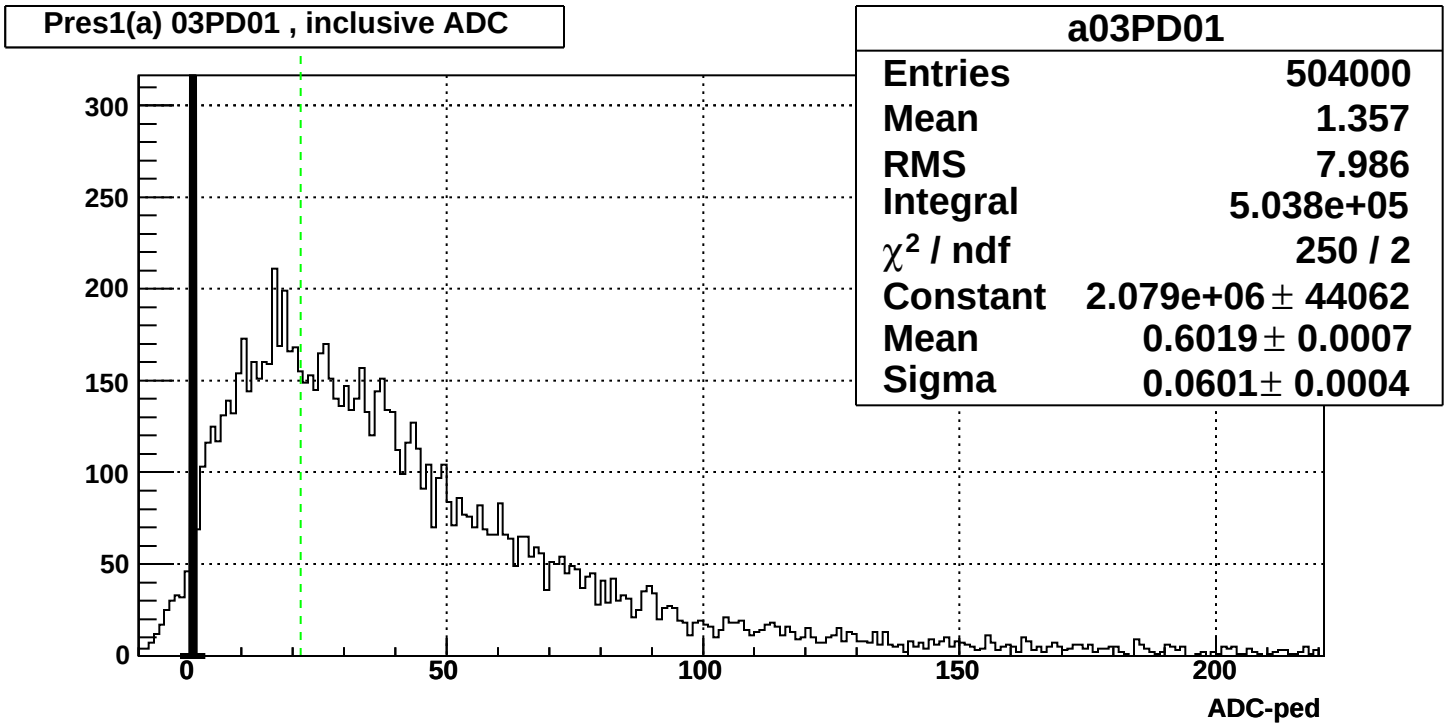

Pres1(d) 03PA01 , ADC, tag: UxV 2*thr
d03PA01
Entries 131
Mean 28.37
RMS 20.25
Integral 131
χ² / ndf 12.94 / 18
ampl-G -3.002 ± 8.179
const-L 64.35 ± 9.49
MPV-L 14.71 ± 4.47
sig-L 8.844 ± 1.462
ADC-ped

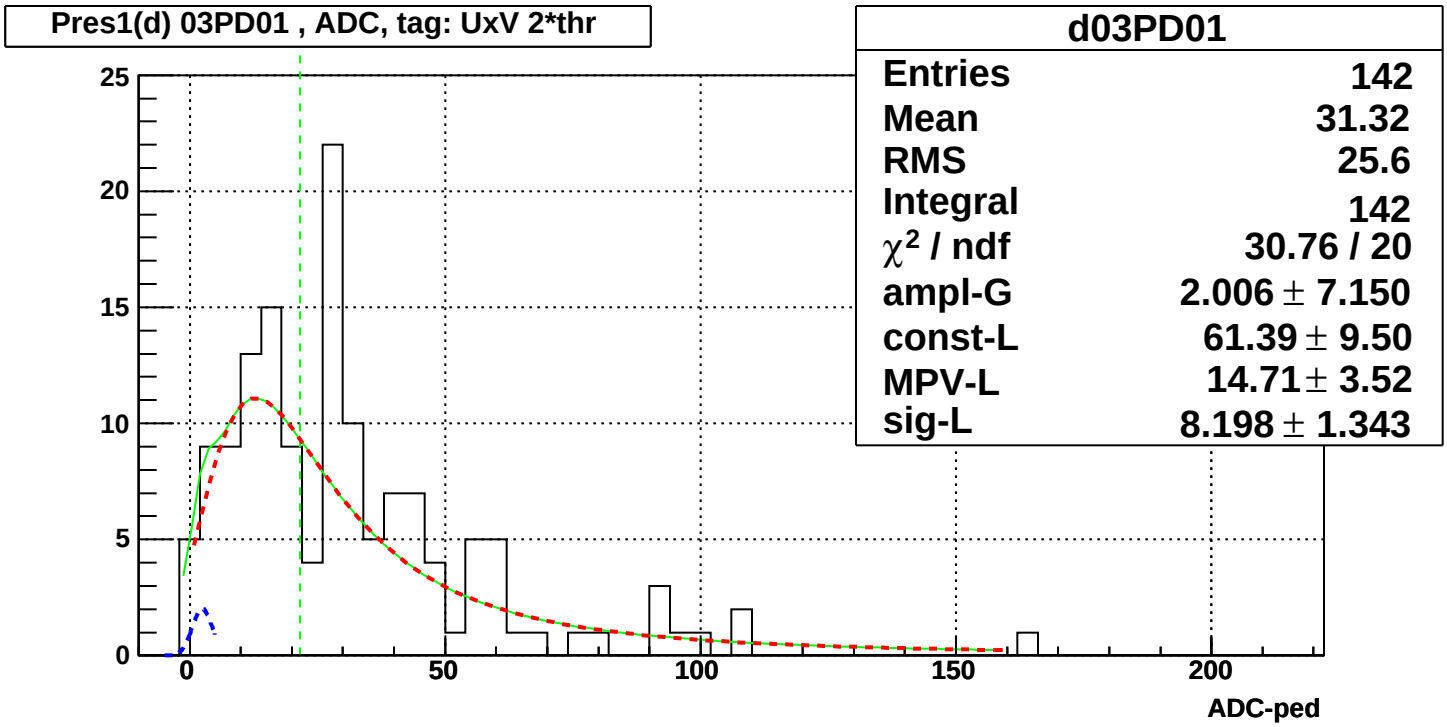

Pres1(a) 03PB01 , inclusive ADC
a03PB01
Entries 504000
Mean 1.345
RMS 7.936
Integral 5.037e+05
χ² / ndf 227 / 2
Constant 2.294e+06 ± 48608
Mean 0.6004 ± 0.0007
Sigma 0.05729 ± 0.00040
ADC-ped

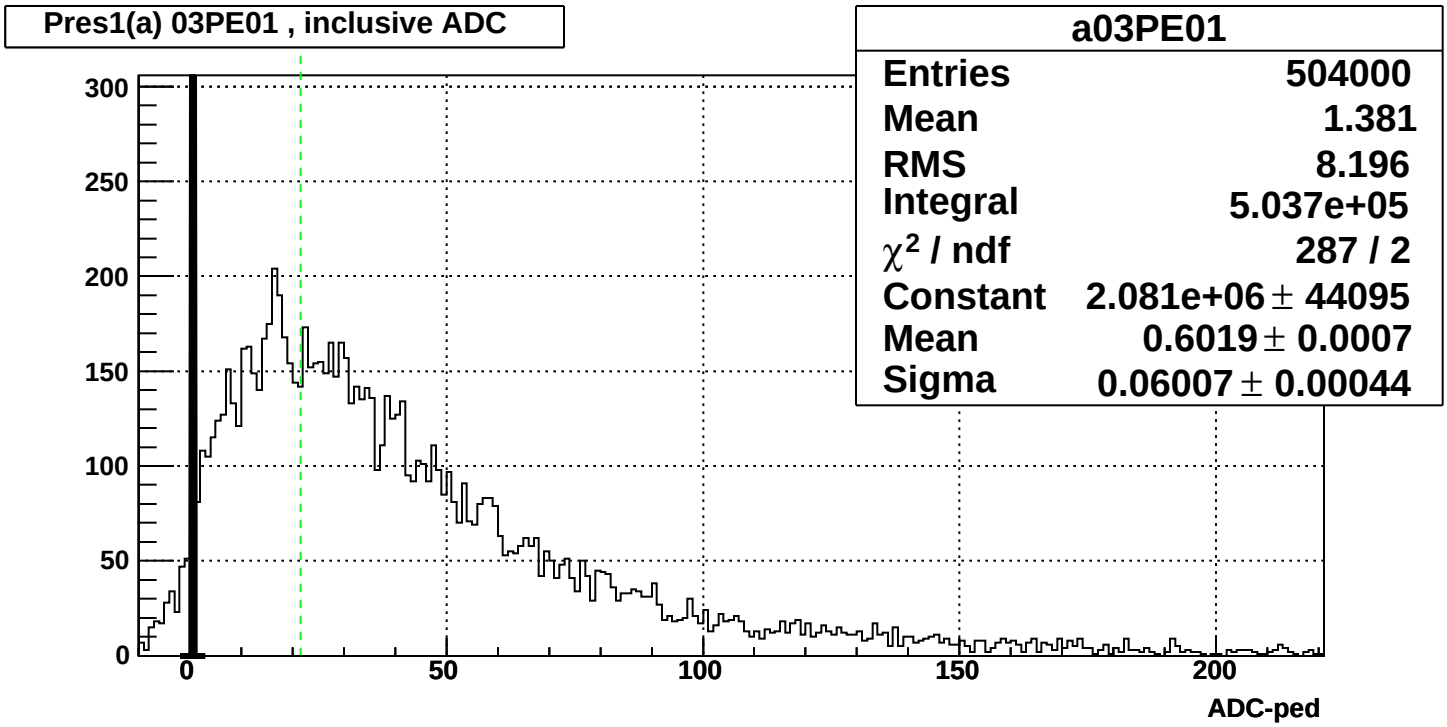

Pres1(d) 03PB01 , ADC, tag: UxV 2*thr
d03PB01
Entries 138
Mean 31.91
RMS 25.43
Integral 137
χ² / ndf 19.37 / 19
ampl-G -3.433 ± 6.717
const-L 59.51 ± 8.55
MPV-L 15.99 ± 4.19
sig-L 9.466 ± 1.423
ADC-ped

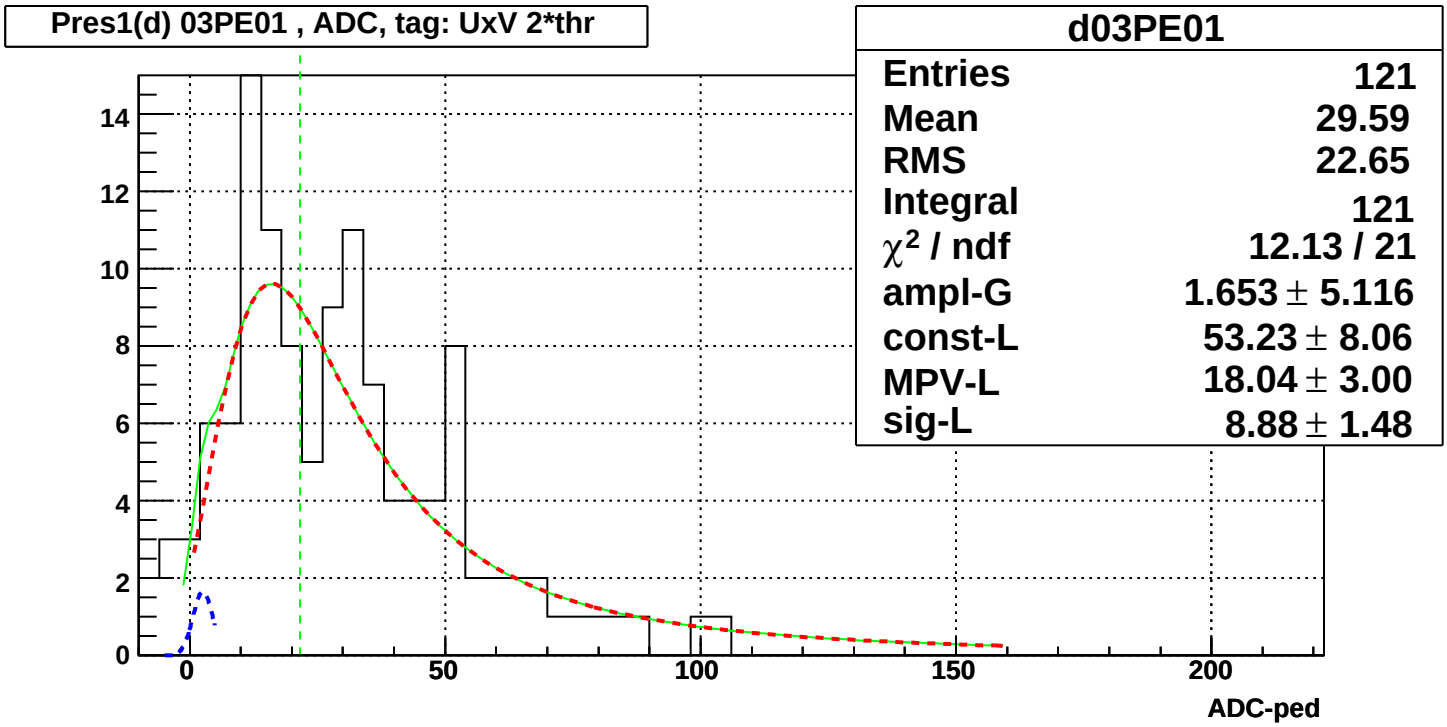

Pres1(a) 03PC01 , inclusive ADC
a03PC01
Entries 504000
Mean 1.324
RMS 7.831
Integral 5.037e+05
χ² / ndf 257 / 2
Constant 2.276e+06 ± 48203
Mean 0.6013 ± 0.0007
Sigma 0.05797 ± 0.00040
ADC-ped

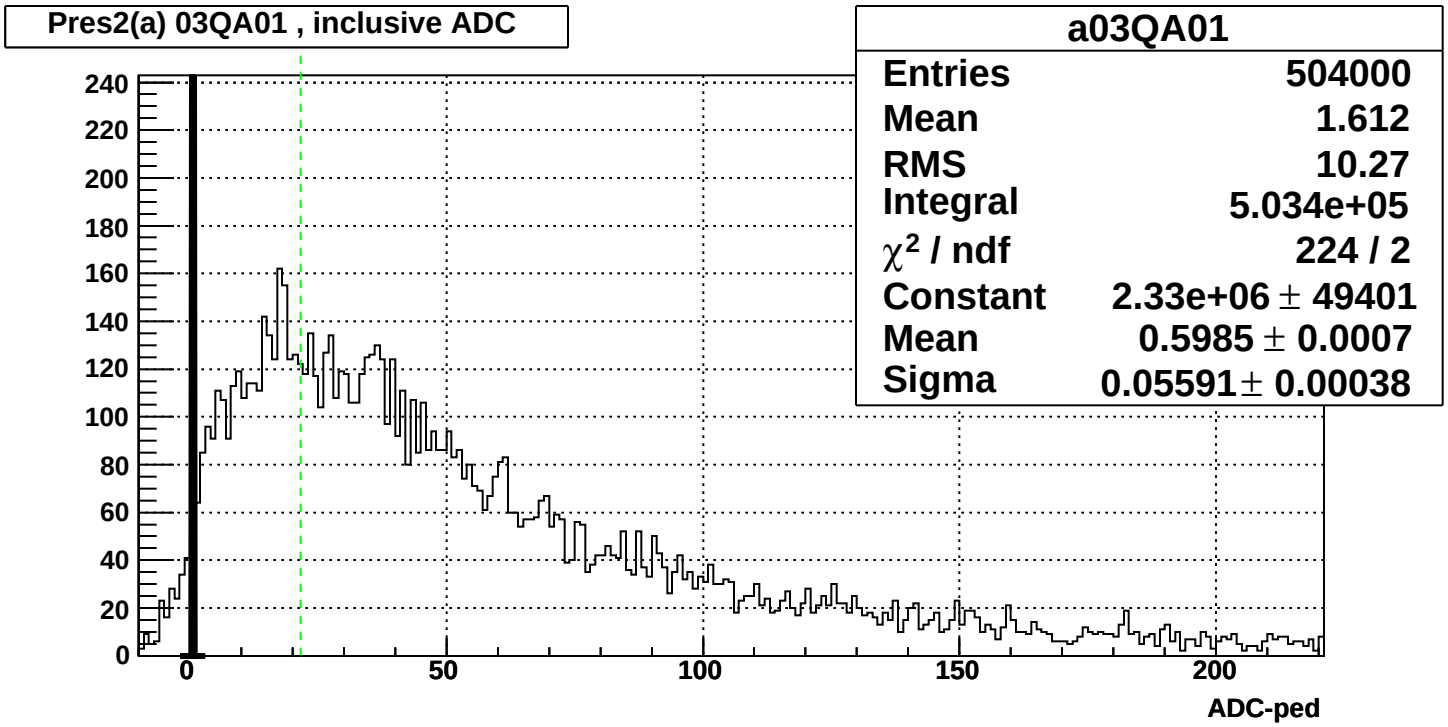

Pres1(d) 03PC01 , ADC, tag: UxV 2*thr
d03PC01
Entries 144
Mean 33.26
RMS 30.24
Integral 143
χ² / ndf 12.2 / 19
ampl-G 2.567 ± 5.218
const-L 66.48 ± 9.40
MPV-L 19.1 ± 2.3
sig-L 8.84 ± 1.48
ADC-ped

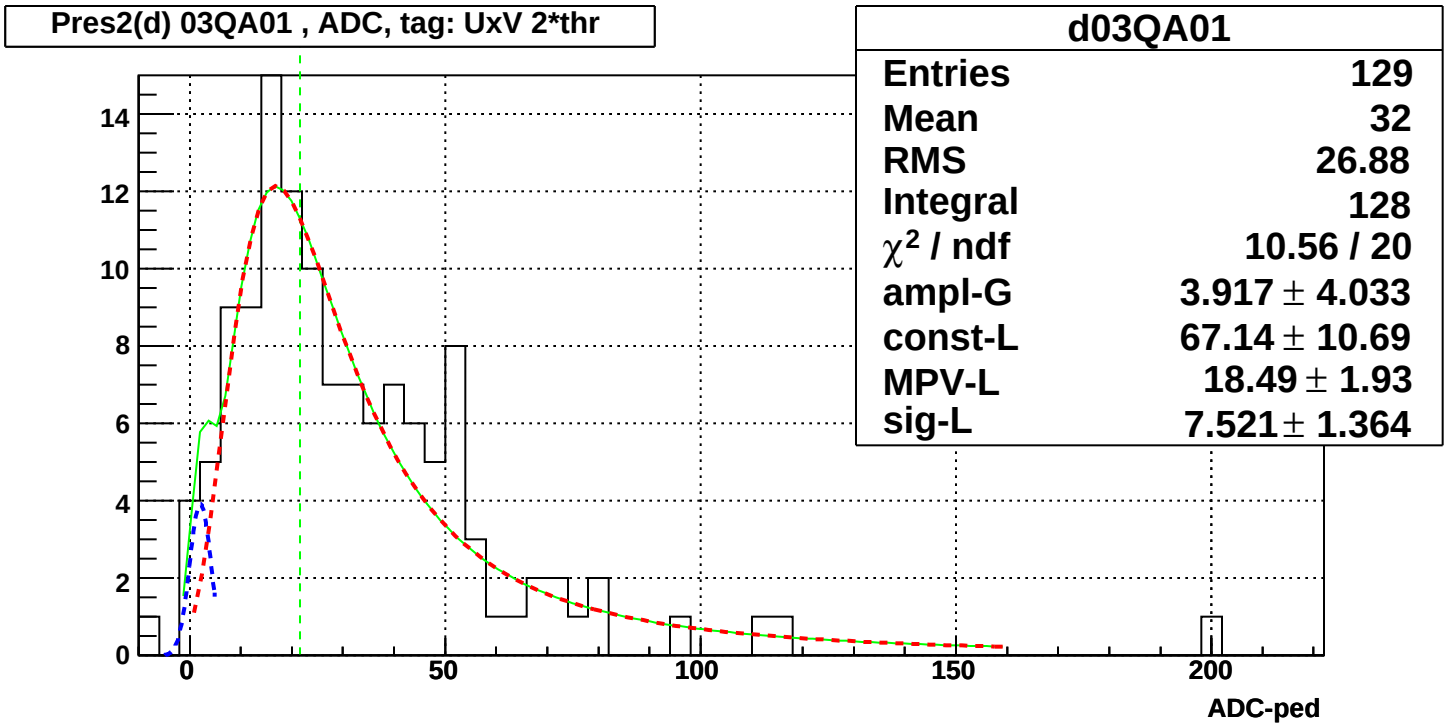

Pres1(a) 03PD01 , inclusive ADC
a03PD01
Entries 504000
Mean 1.357
RMS 7.986
Integral 5.038e+05
χ² / ndf 250 / 2
Constant 2.079e+06 ± 44062
Mean 0.6019 ± 0.0007
Sigma 0.0601 ± 0.0004
ADC-ped

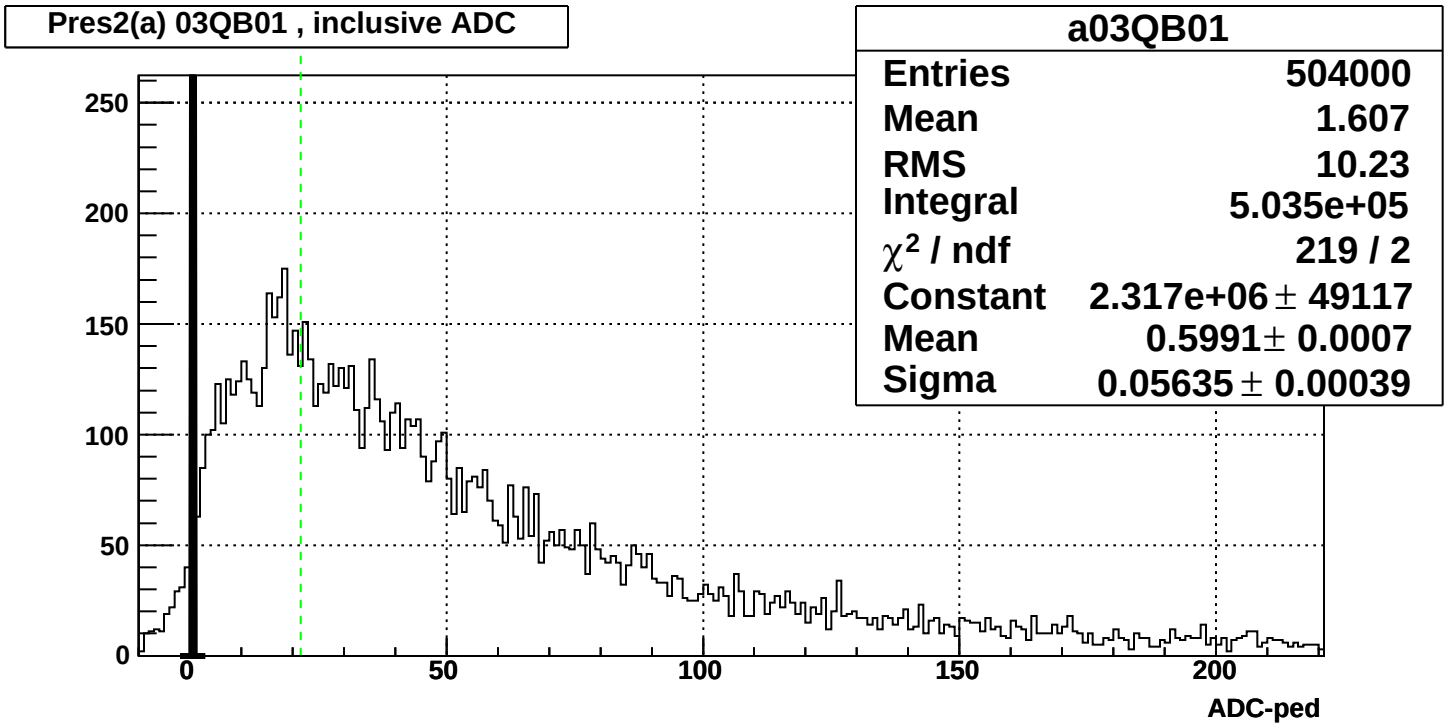

Pres1(d) 03PD01 , ADC, tag: UxV 2*thr
d03PD01
Entries 142
Mean 31.32
RMS 25.6
Integral 142
χ² / ndf 30.76 / 20
ampl-G 2.006 ± 7.150
const-L 61.39 ± 9.50
MPV-L 14.71 ± 3.52
sig-L 8.198 ± 1.343
ADC-ped

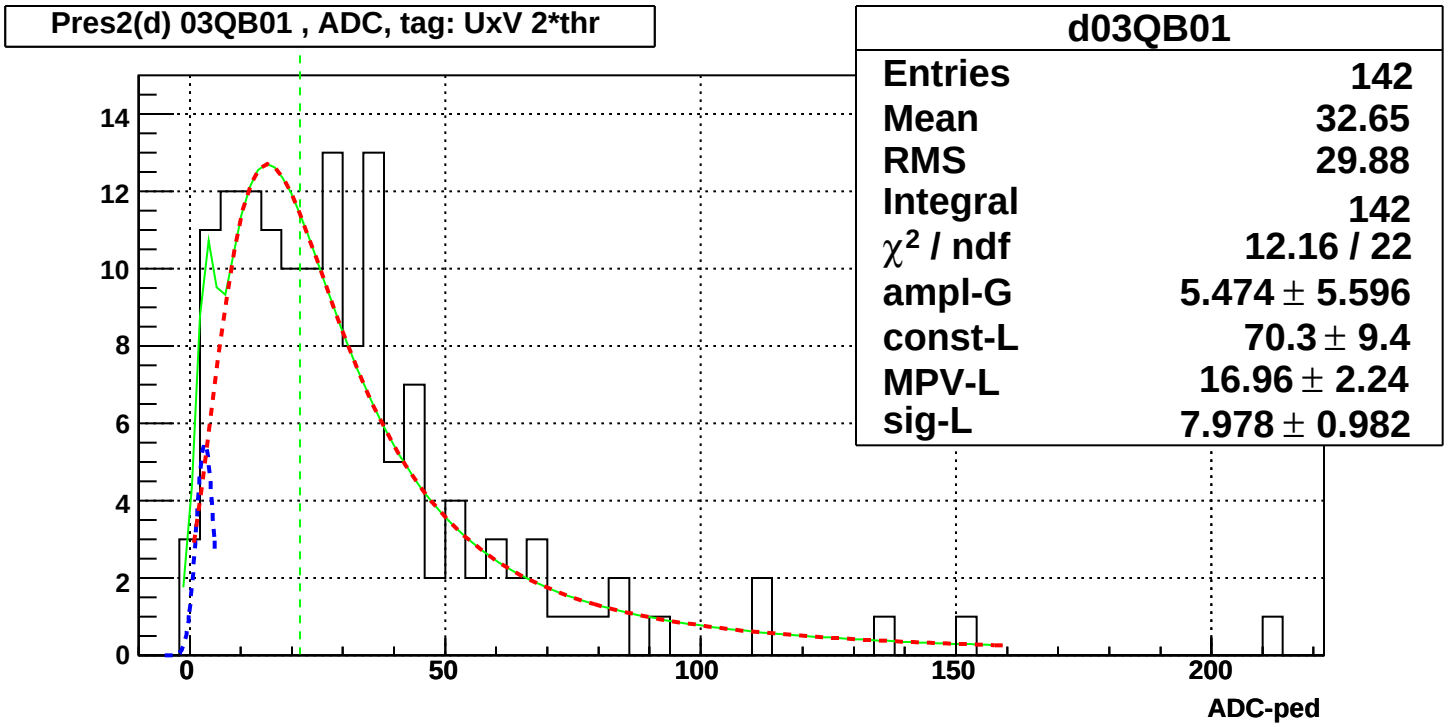

Pres1(a) 03PE01 , inclusive ADC
a03PE01
Entries 504000
Mean 1.381
RMS 8.196
Integral 5.037e+05
χ² / ndf 287 / 2
Constant 2.081e+06 ± 44095
Mean 0.6019 ± 0.0007
Sigma 0.06007 ± 0.00044
ADC-ped

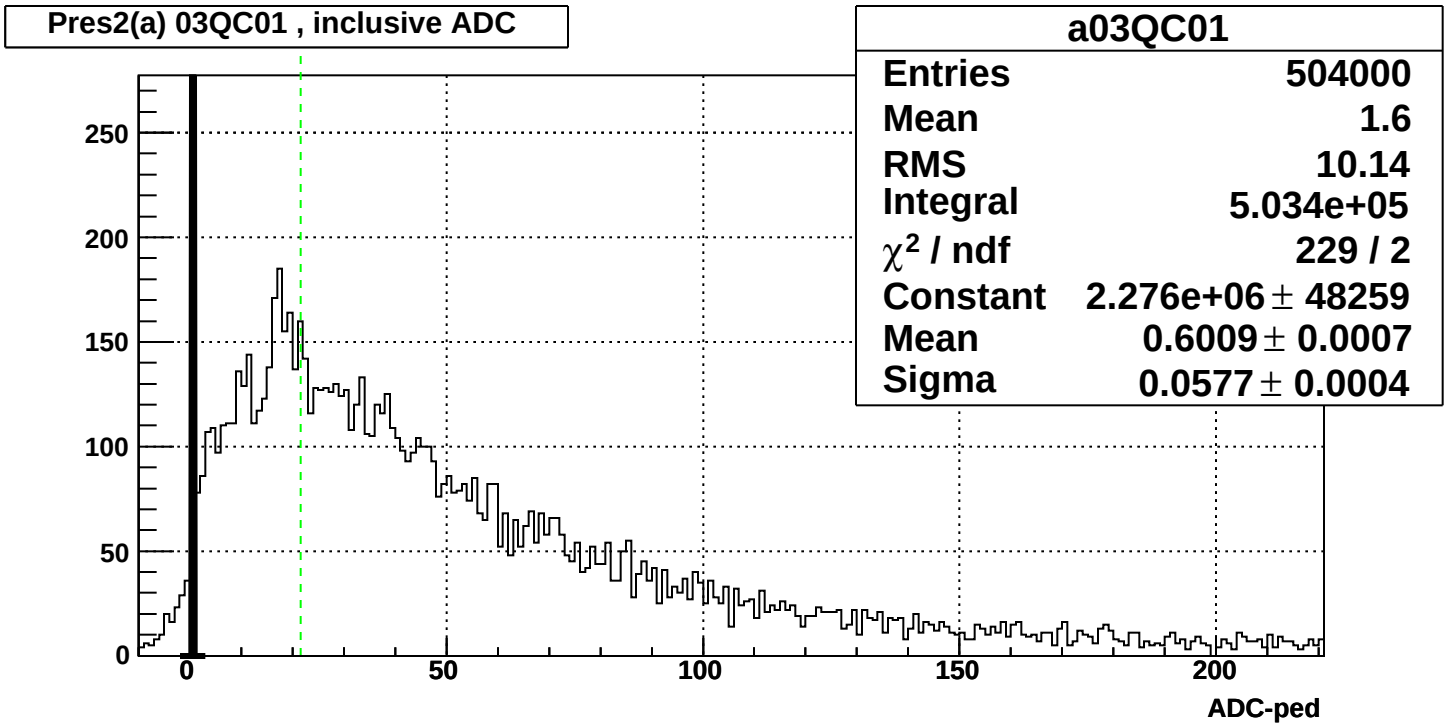

Pres1(d) 03PE01 , ADC, tag: UxV 2*thr
d03PE01
Entries 121
Mean 29.59
RMS 22.65
Integral 121
χ² / ndf 12.13 / 21
ampl-G 1.653 ± 5.116
const-L 53.23 ± 8.06
MPV-L 18.04 ± 3.00
sig-L 8.88 ± 1.48
ADC-ped

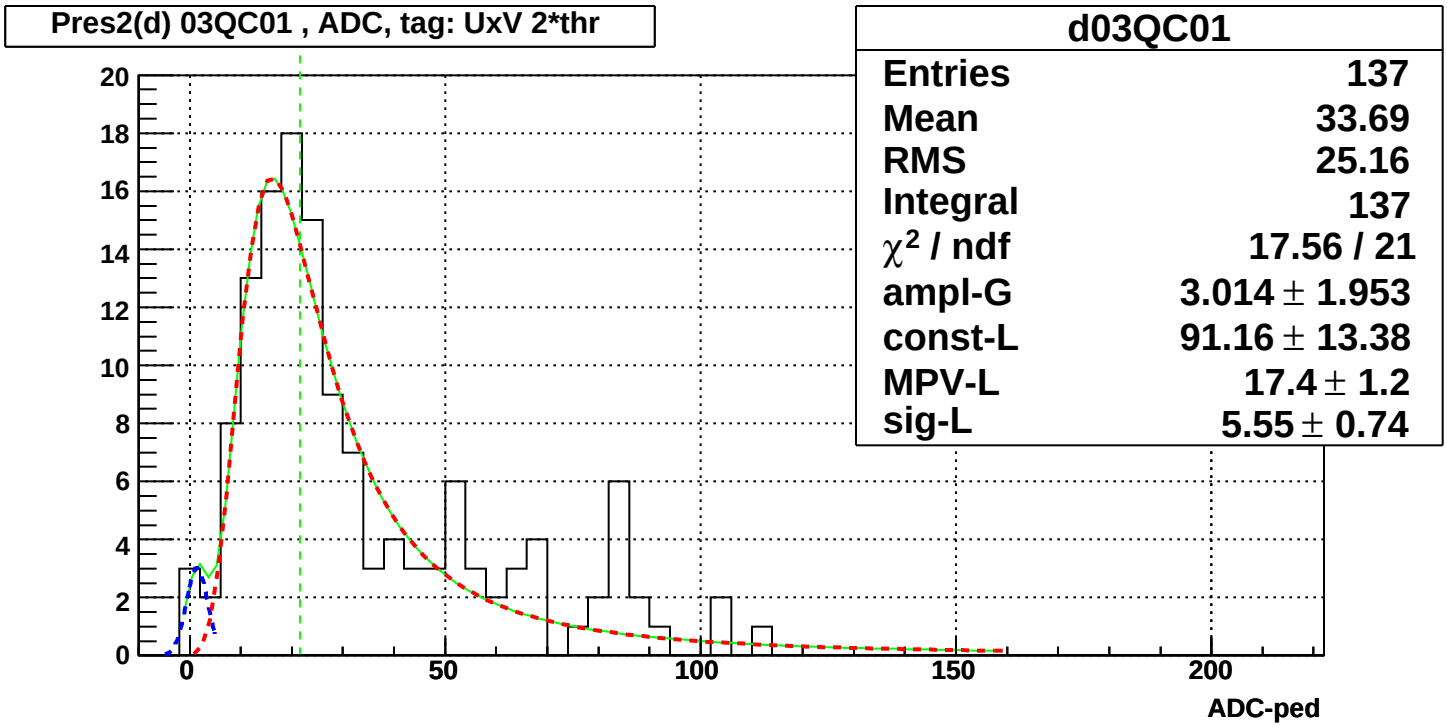

Pres2(a) 03QA01 , inclusive ADC
a03QA01
Entries 504000
Mean 1.612
RMS 10.27
Integral 5.034e+05
χ² / ndf 224 / 2
Constant 2.33e+06 ± 49401
Mean 0.5985 ± 0.0007
Sigma 0.05591 ± 0.00038
ADC-ped

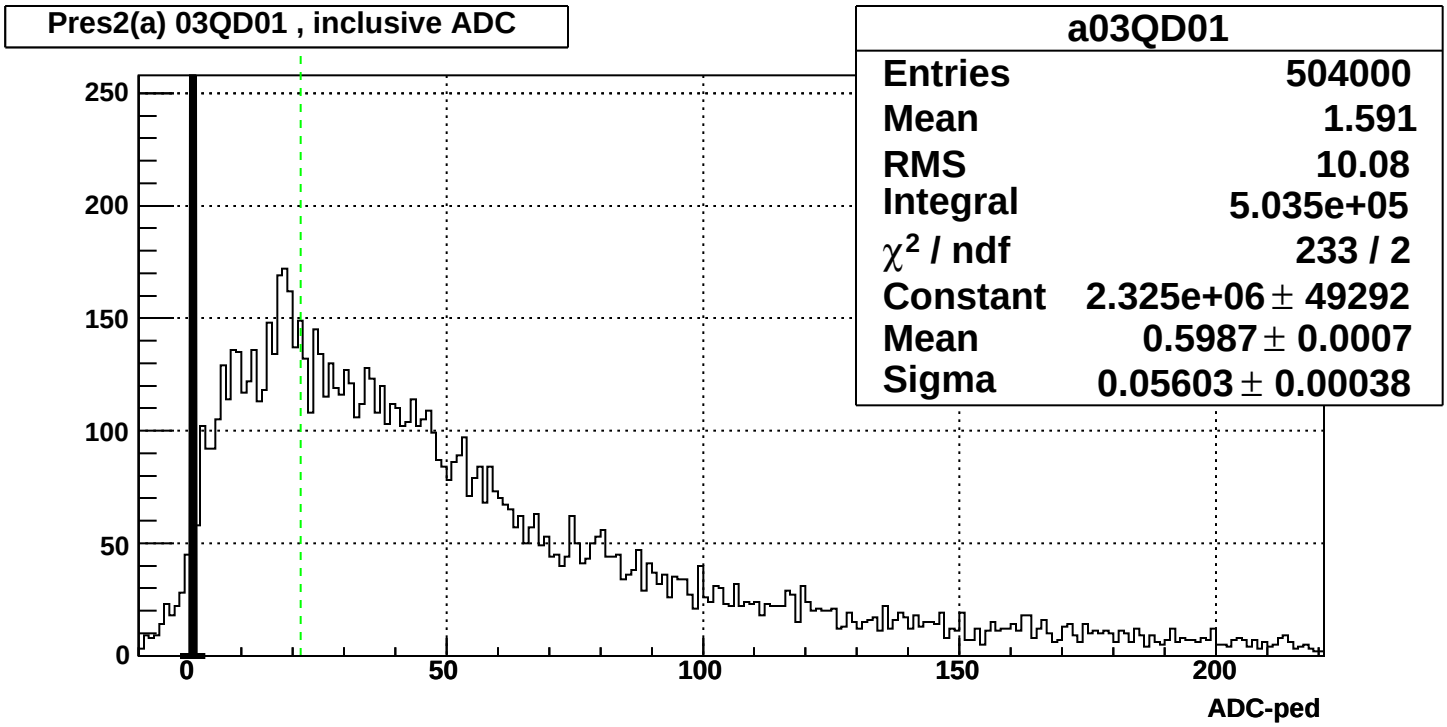

Pres2(d) 03QA01 , ADC, tag: UxV 2*thr
d03QA01
Entries 129
Mean 32
RMS 26.88
Integral 128
χ² / ndf 10.56 / 20
ampl-G 3.917 ± 4.033
const-L 67.14 ± 10.69
MPV-L 18.49 ± 1.93
sig-L 7.521 ± 1.364
ADC-ped

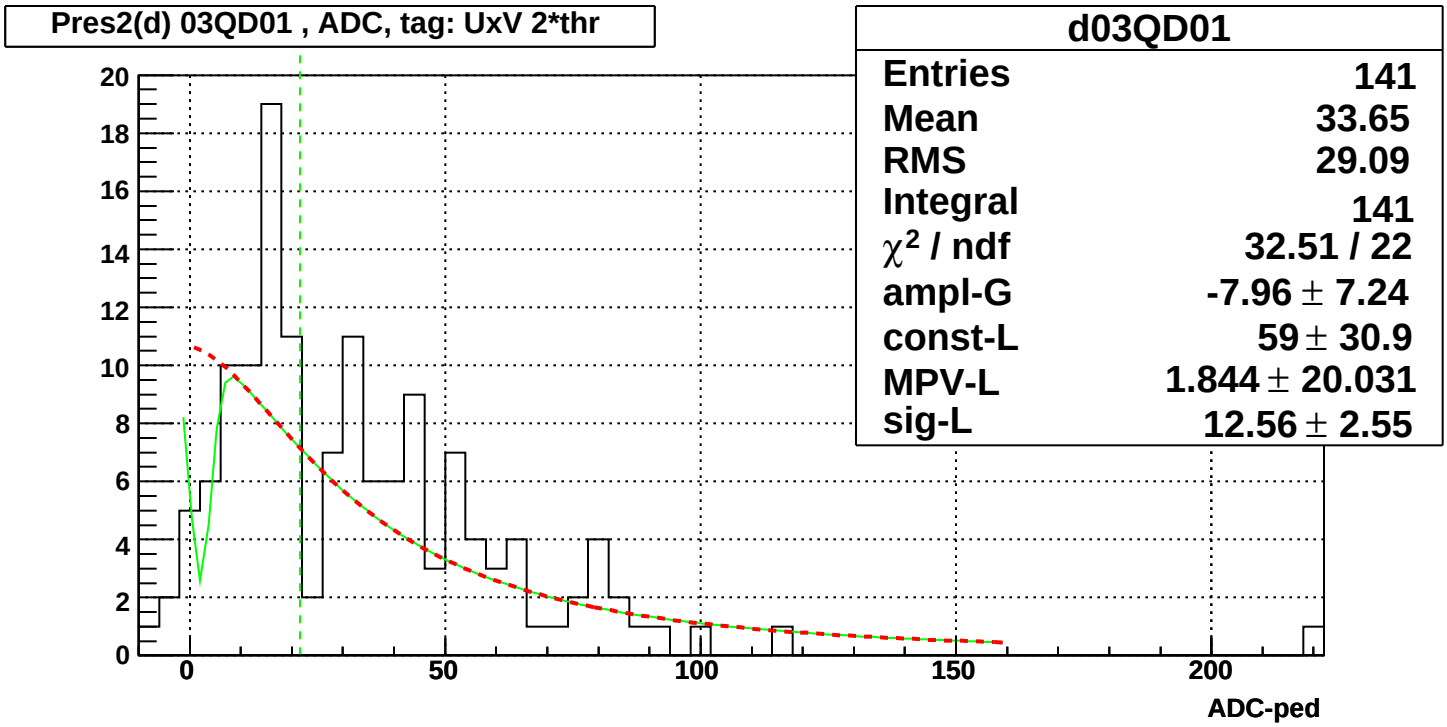

Pres2(a) 03QB01 , inclusive ADC
a03QB01
Entries 504000
Mean 1.607
RMS 10.23
Integral 5.035e+05
χ² / ndf 219 / 2
Constant 2.317e+06 ± 49117
Mean 0.5991 ± 0.0007
Sigma 0.05635 ± 0.00039
ADC-ped

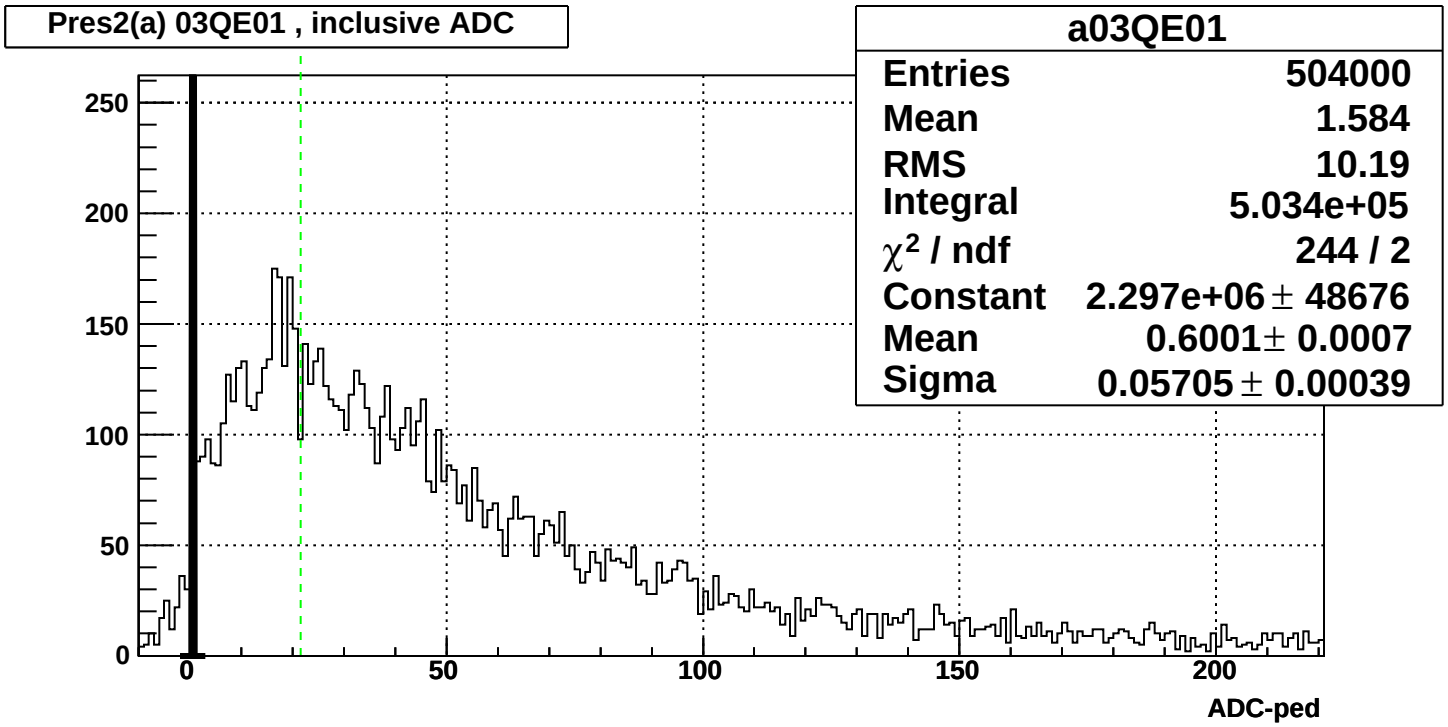

Pres2(d) 03QB01 , ADC, tag: UxV 2*thr
d03QB01
Entries 142
Mean 32.65
RMS 29.88
Integral 142
χ² / ndf 12.16 / 22
ampl-G 5.474 ± 5.596
const-L 70.3 ± 9.4
MPV-L 16.96 ± 2.24
sig-L 7.978 ± 0.982
ADC-ped

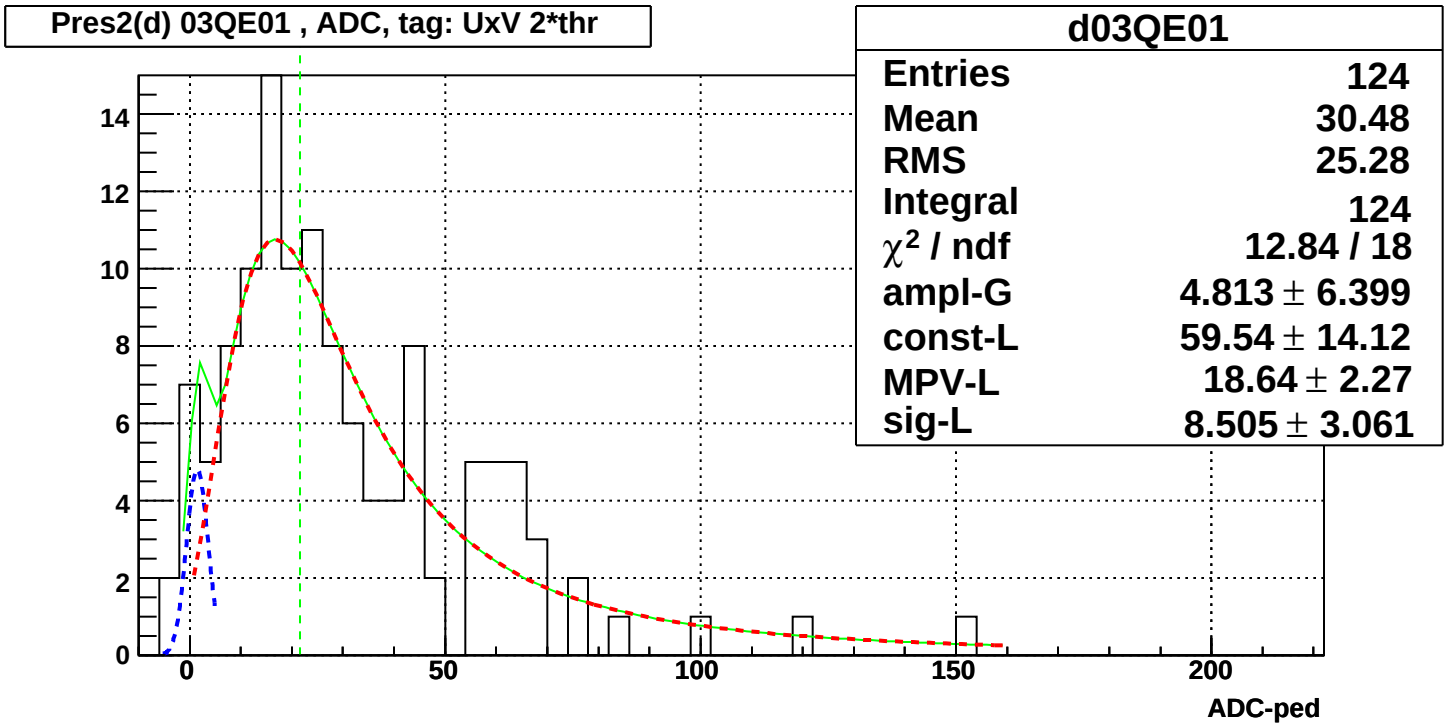

Pres2(a) 03QC01 , inclusive ADC
a03QC01
Entries 504000
Mean 1.6
RMS 10.14
Integral 5.034e+05
χ² / ndf 229 / 2
Constant 2.276e+06 ± 48259
Mean 0.6009 ± 0.0007
Sigma 0.0577 ± 0.0004
ADC-ped

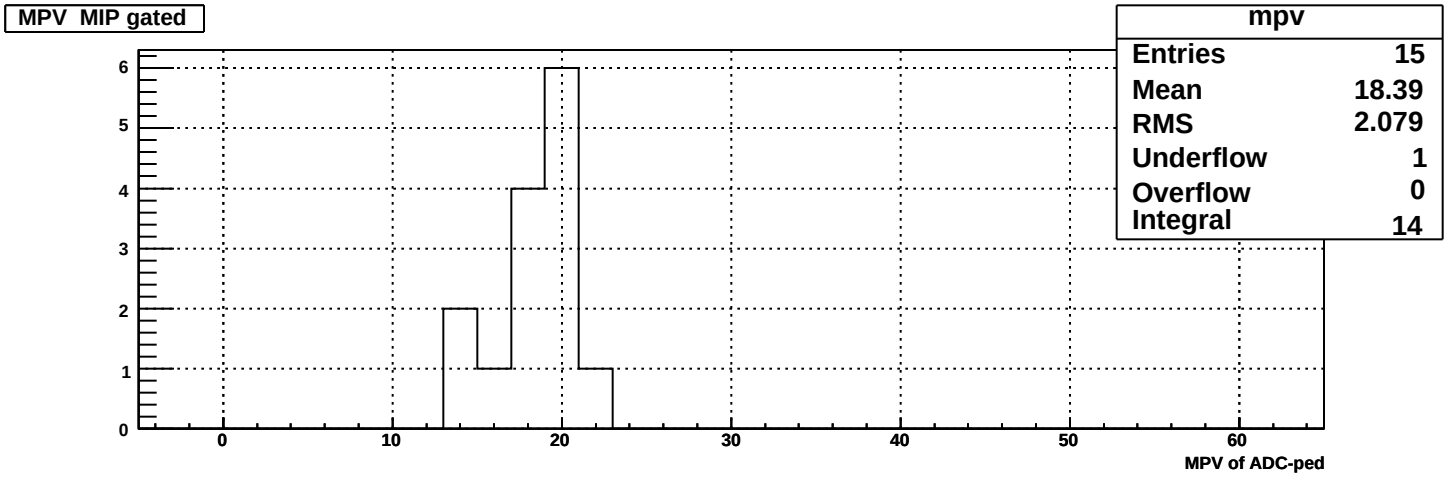

Pres2(d) 03QC01 , ADC, tag: UxV 2*thr
d03QC01
Entries 137
Mean 33.69
RMS 25.16
Integral 137
χ² / ndf 17.56 / 21
ampl-G 3.014 ± 1.953
const-L 91.16 ± 13.38
MPV-L 17.4 ± 1.2
sig-L 5.55 ± 0.74
ADC-ped

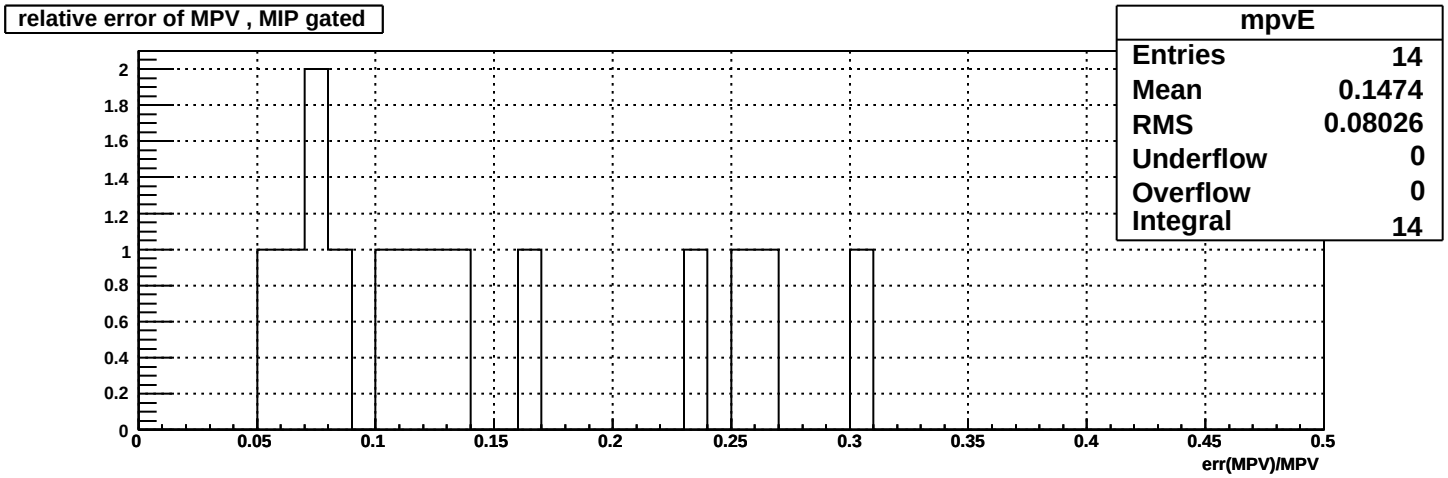

Pres2(a) 03QD01 , inclusive ADC
a03QD01
Entries 504000
Mean 1.591
RMS 10.08
Integral 5.035e+05
χ² / ndf 233 / 2
Constant 2.325e+06 ± 49292
Mean 0.5987 ± 0.0007
Sigma 0.05603 ± 0.00038
ADC-ped

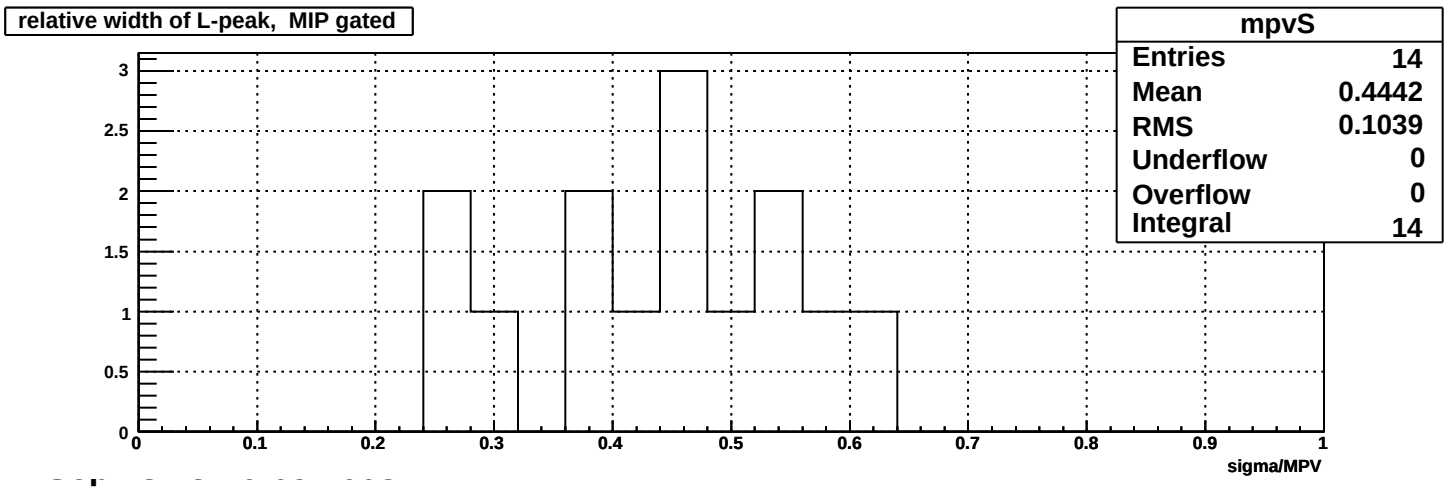

Pres2(d) 03QD01 , ADC, tag: UxV 2*thr
d03QD01
Entries 141
Mean 33.65
RMS 29.09
Integral 141
χ² / ndf 32.51 / 22
ampl-G -7.96 ± 7.24
const-L 59 ± 30.9
MPV-L 1.844 ± 20.031
sig-L 12.56 ± 2.55
ADC-ped


Pres2(a) 03QE01 , inclusive ADC
a03QE01
Entries 504000
Mean 1.584
RMS 10.19
Integral 5.034e+05
χ² / ndf 244 / 2
Constant 2.297e+06 ± 48676
Mean 0.6001 ± 0.0007
Sigma 0.05705 ± 0.00039
ADC-ped


Pres2(d) 03QE01 , ADC, tag: UxV 2*thr
d03QE01
Entries 124
Mean 30.48
RMS 25.28
Integral 124
χ² / ndf 12.84 / 18
ampl-G 4.813 ± 6.399
const-L 59.54 ± 14.12
MPV-L 18.64 ± 2.27
sig-L 8.505 ± 3.061
ADC-ped


MPV MIP gated
mpv
Entries 15
Mean 18.39
RMS 2.079
Underflow 1
Overflow 0
Integral 14
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 14
Mean 0.1474
RMS 0.08026
Underflow 0
Overflow 0
Integral 14
err(MPV)/MPV


relative width of L-peak, MIP gated
mpvS
Entries 14
Mean 0.4442
RMS 0.1039
Underflow 0
Overflow 0
Integral 14
sigma/MPV