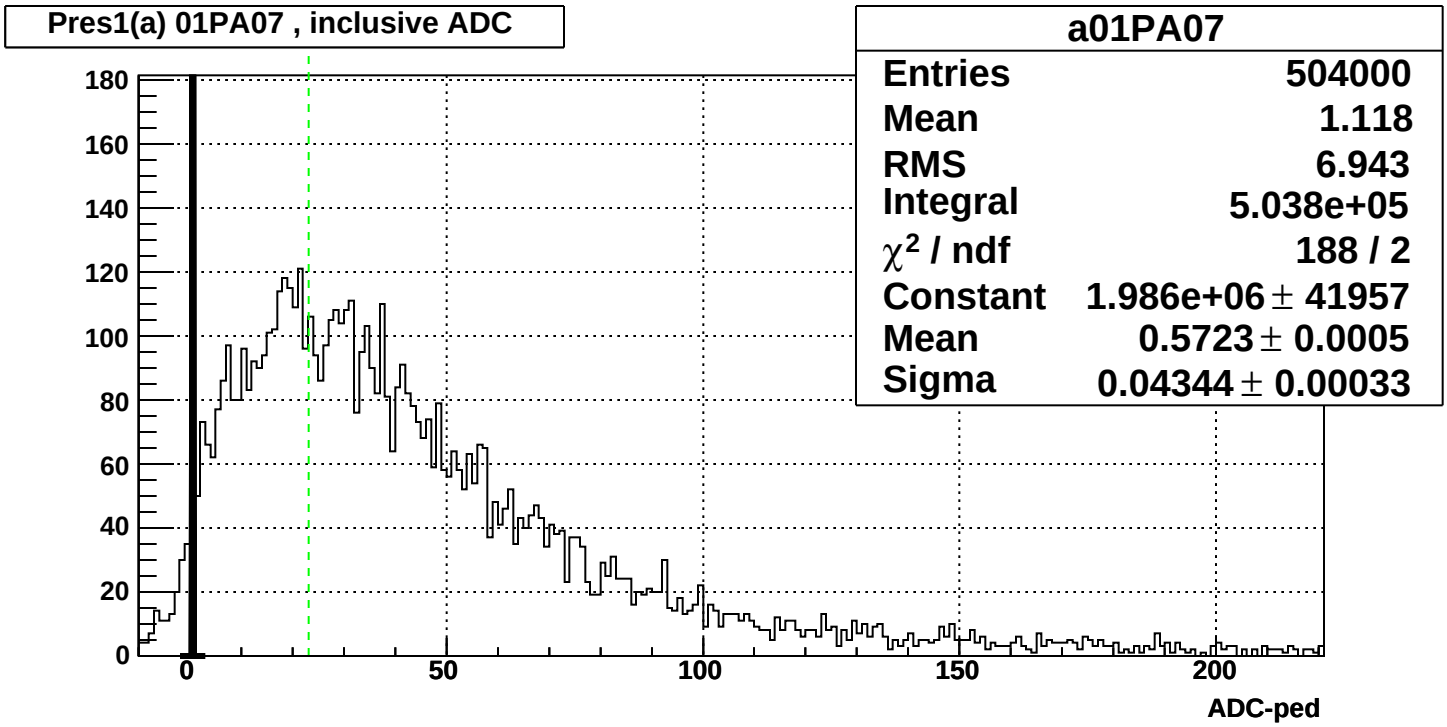
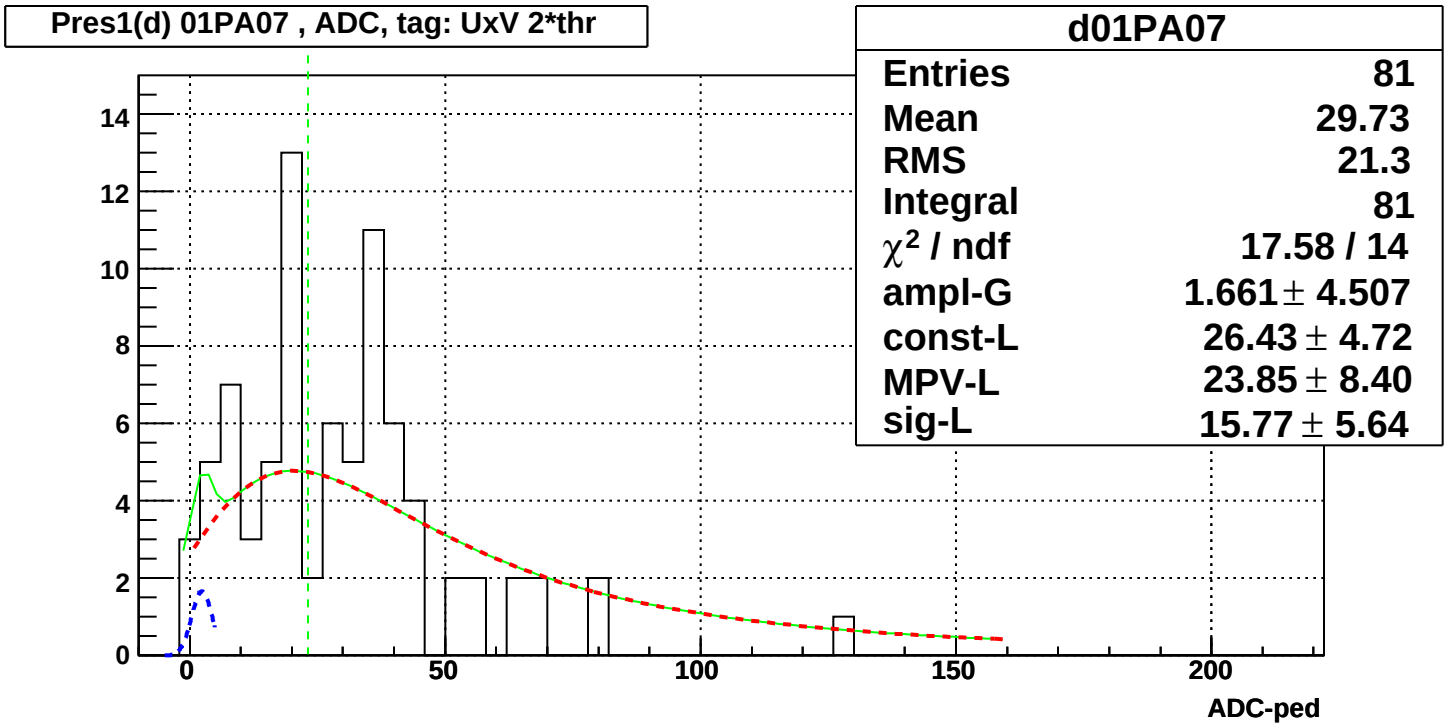
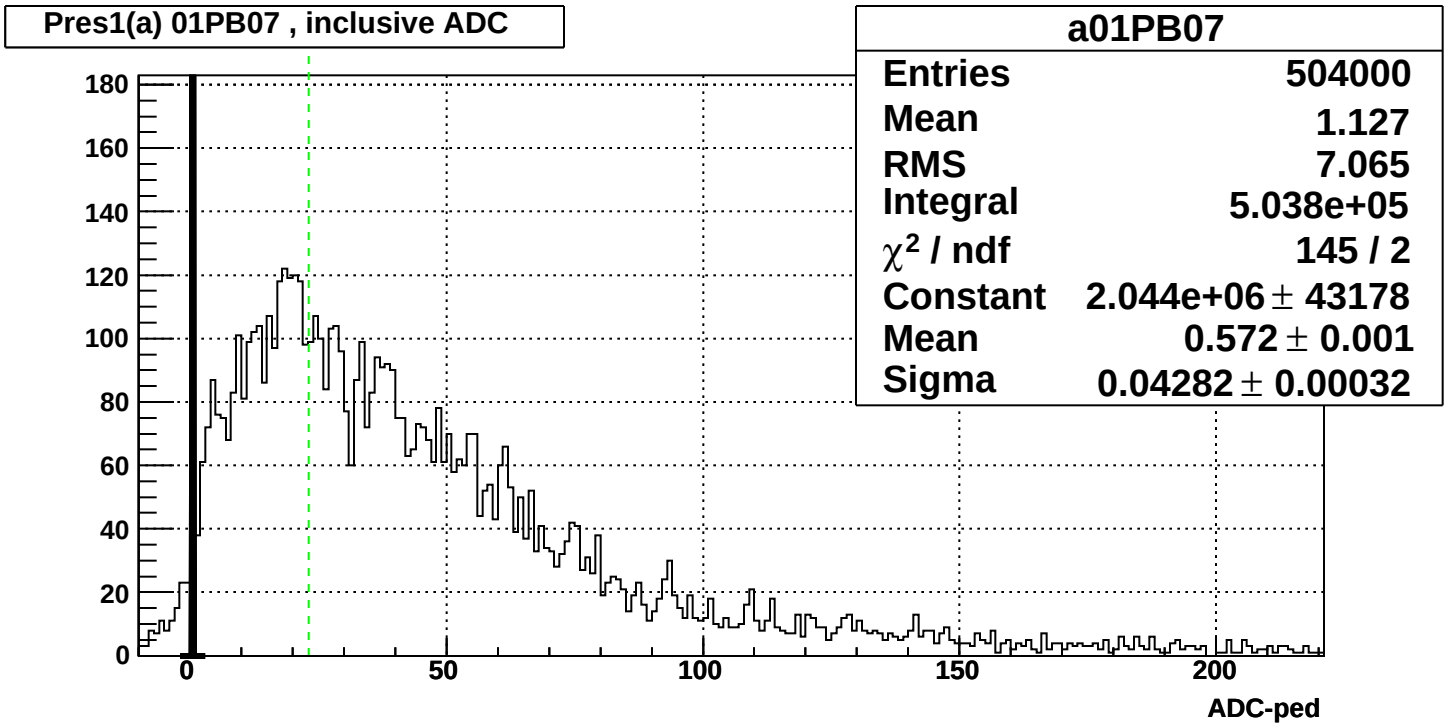
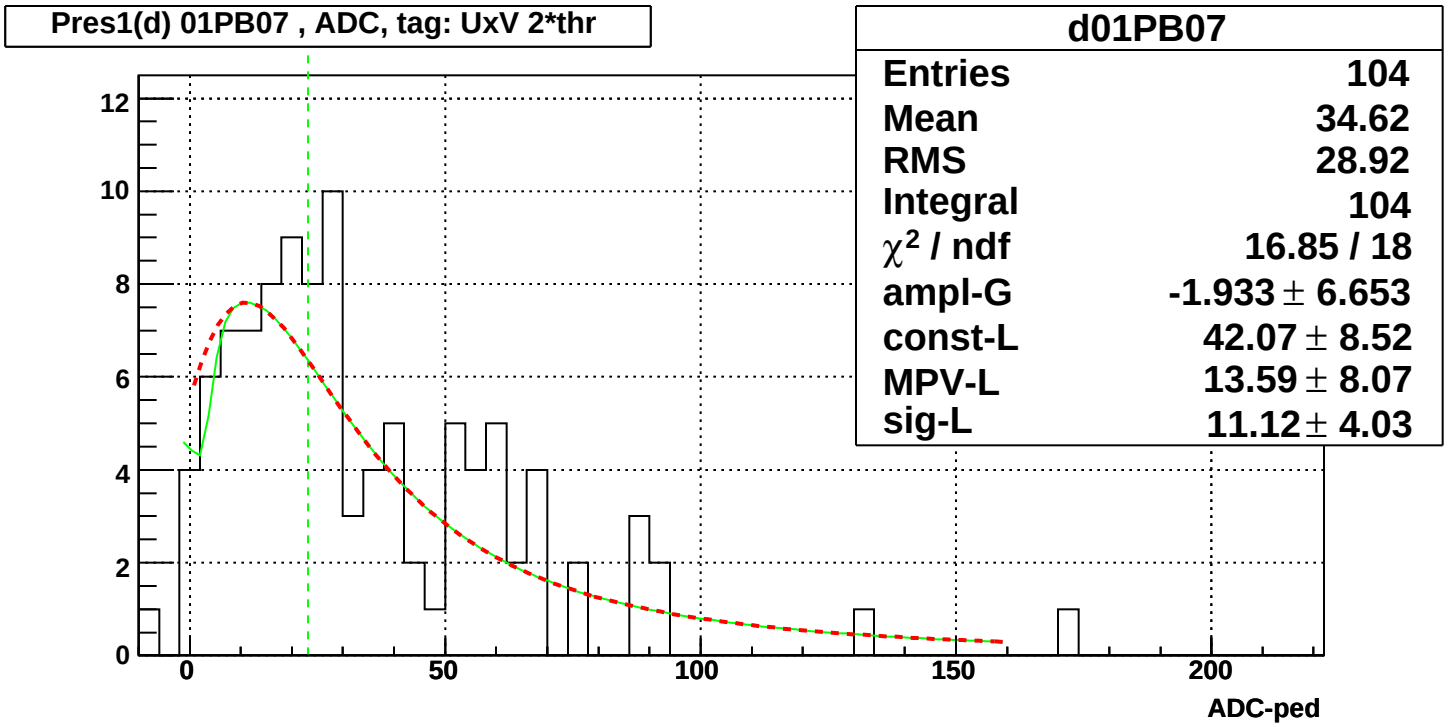
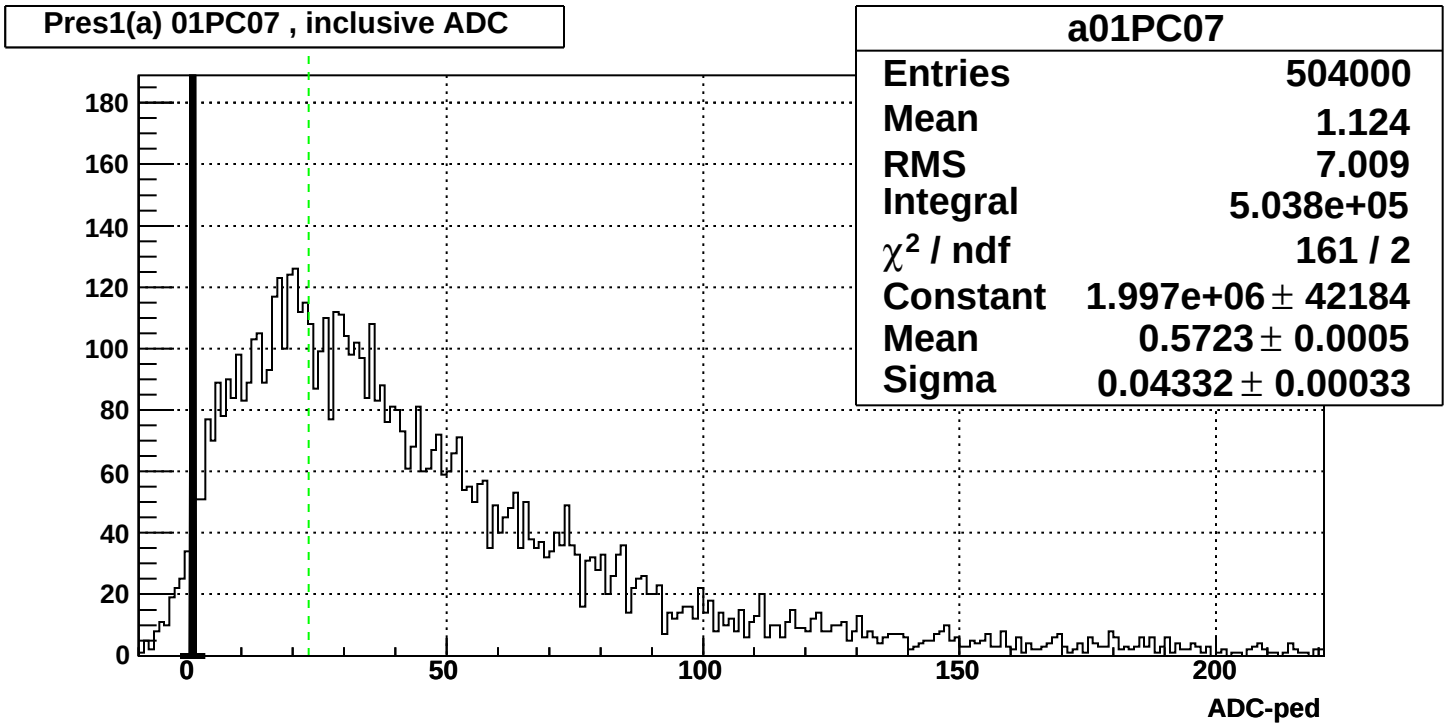
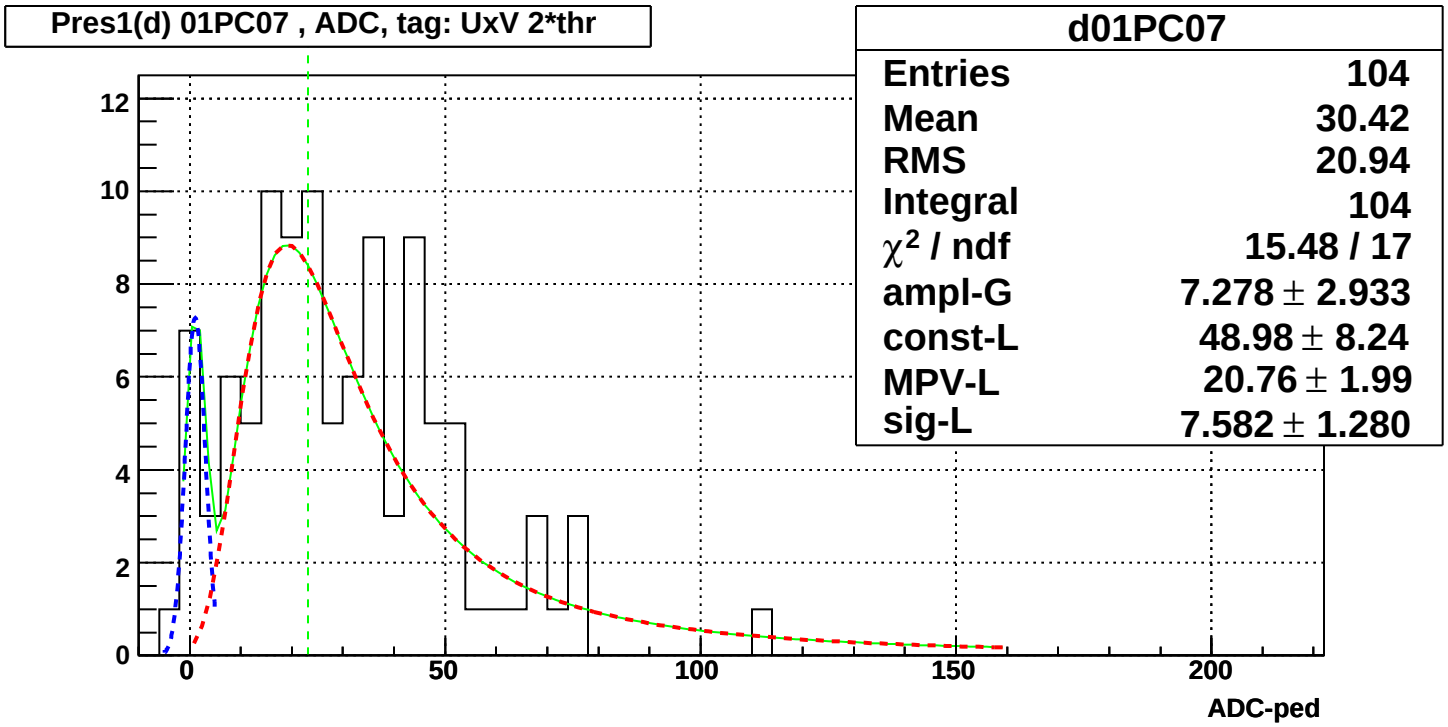

Pres1(a) 01PA07 , inclusive ADC
a01PA07
Entries 504000
Mean 1.118
RMS 6.943
Integral 5.038e+05
χ² / ndf 188 / 2
Constant 1.986e+06 ± 41957
Mean 0.5723 ± 0.0005
Sigma 0.04344 ± 0.00033
ADC-ped

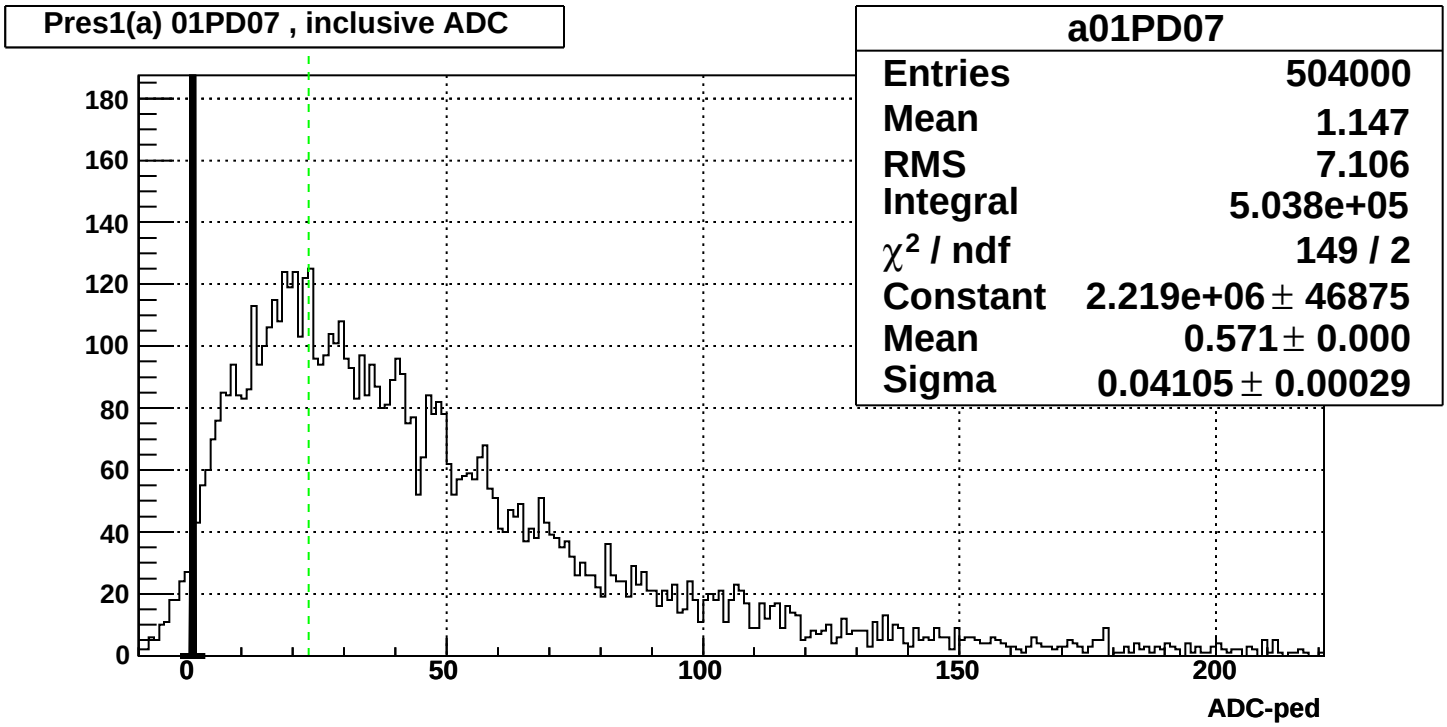

Pres1(d) 01PA07 , ADC, tag: UxV 2*thr
d01PA07
Entries 81
Mean 29.73
RMS 21.3
Integral 81
χ² / ndf 17.58 / 14
ampl-G 1.661 ± 4.507
const-L 26.43 ± 4.72
MPV-L 23.85 ± 8.40
sig-L 15.77 ± 5.64
ADC-ped

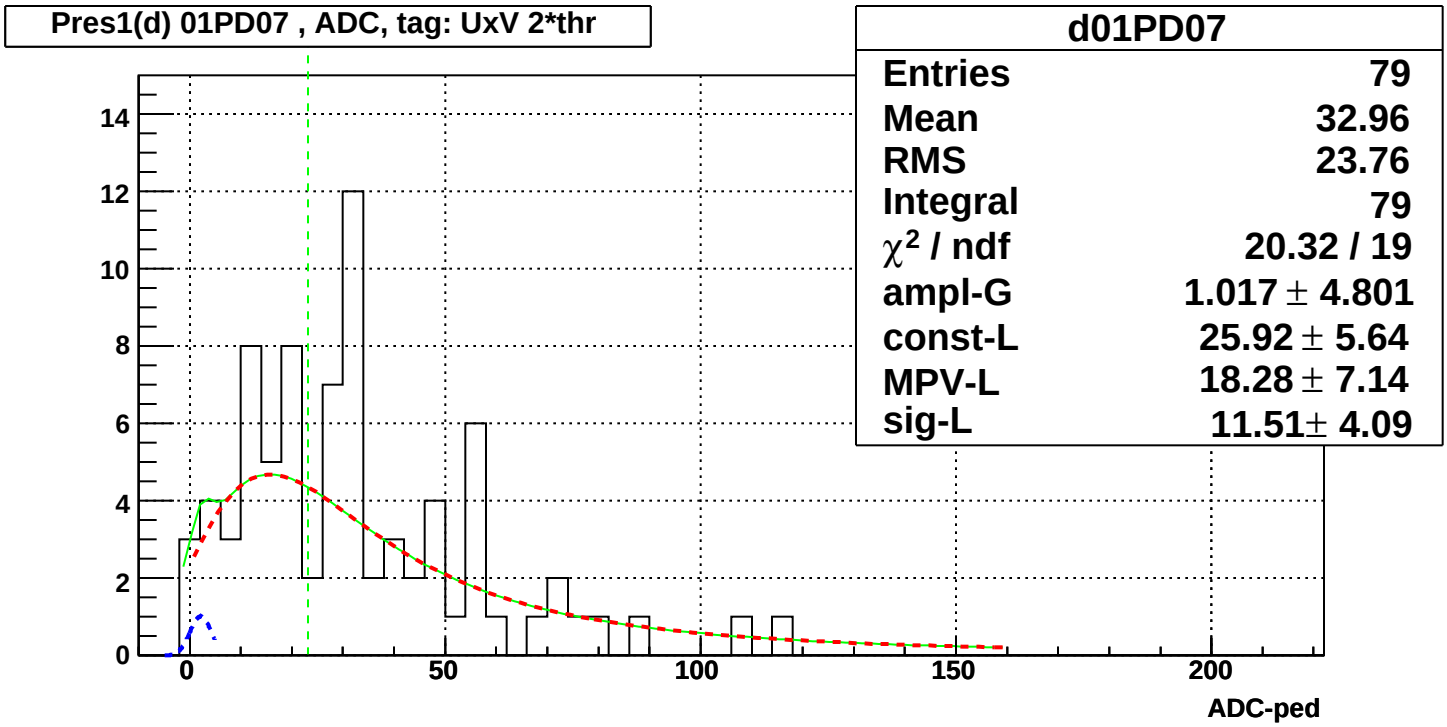

Pres1(a) 01PB07 , inclusive ADC
a01PB07
Entries 504000
Mean 1.127
RMS 7.065
Integral 5.038e+05
χ² / ndf 145 / 2
Constant 2.044e+06 ± 43178
Mean 0.572 ± 0.001
Sigma 0.04282 ± 0.00032
ADC-ped

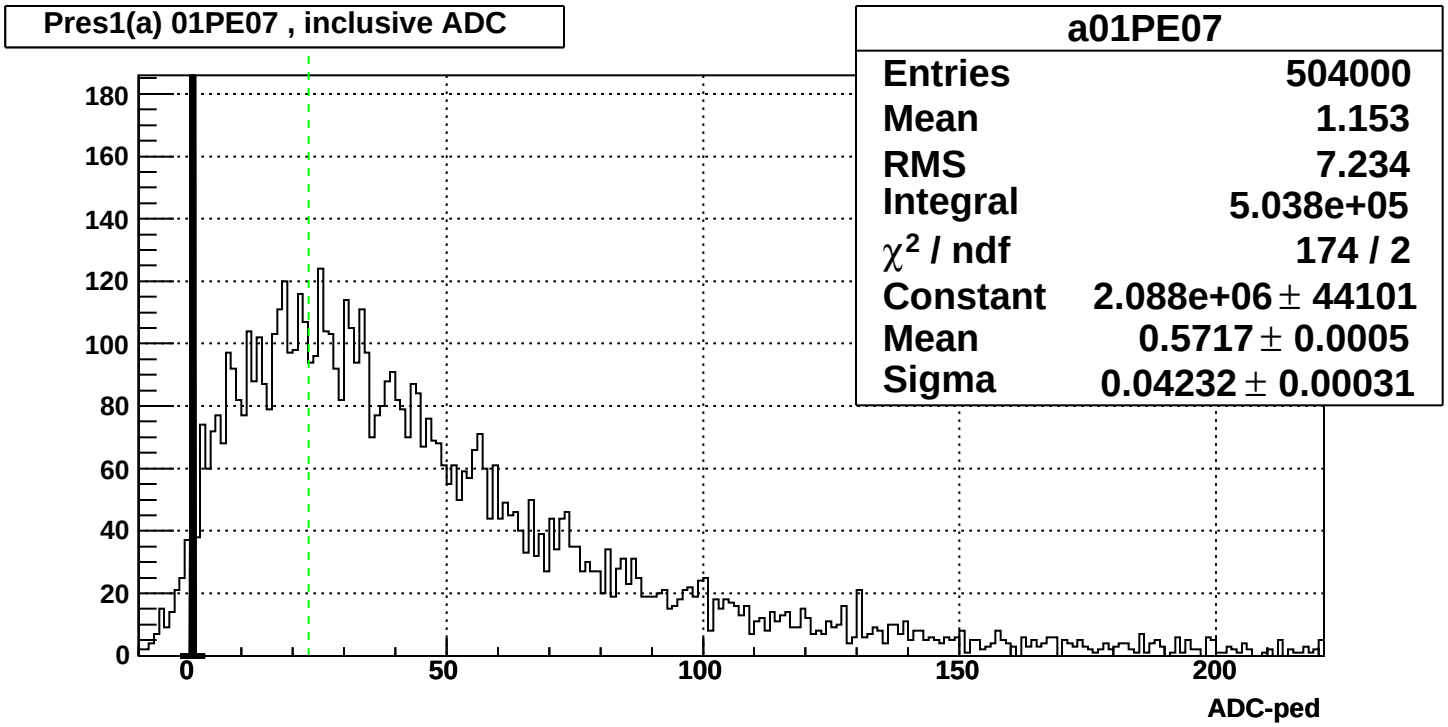

Pres1(d) 01PB07 , ADC, tag: UxV 2*thr
d01PB07
Entries 104
Mean 34.62
RMS 28.92
Integral 104
χ² / ndf 16.85 / 18
ampl-G -1.933 ± 6.653
const-L 42.07 ± 8.52
MPV-L 13.59 ± 8.07
sig-L 11.12 ± 4.03
ADC-ped

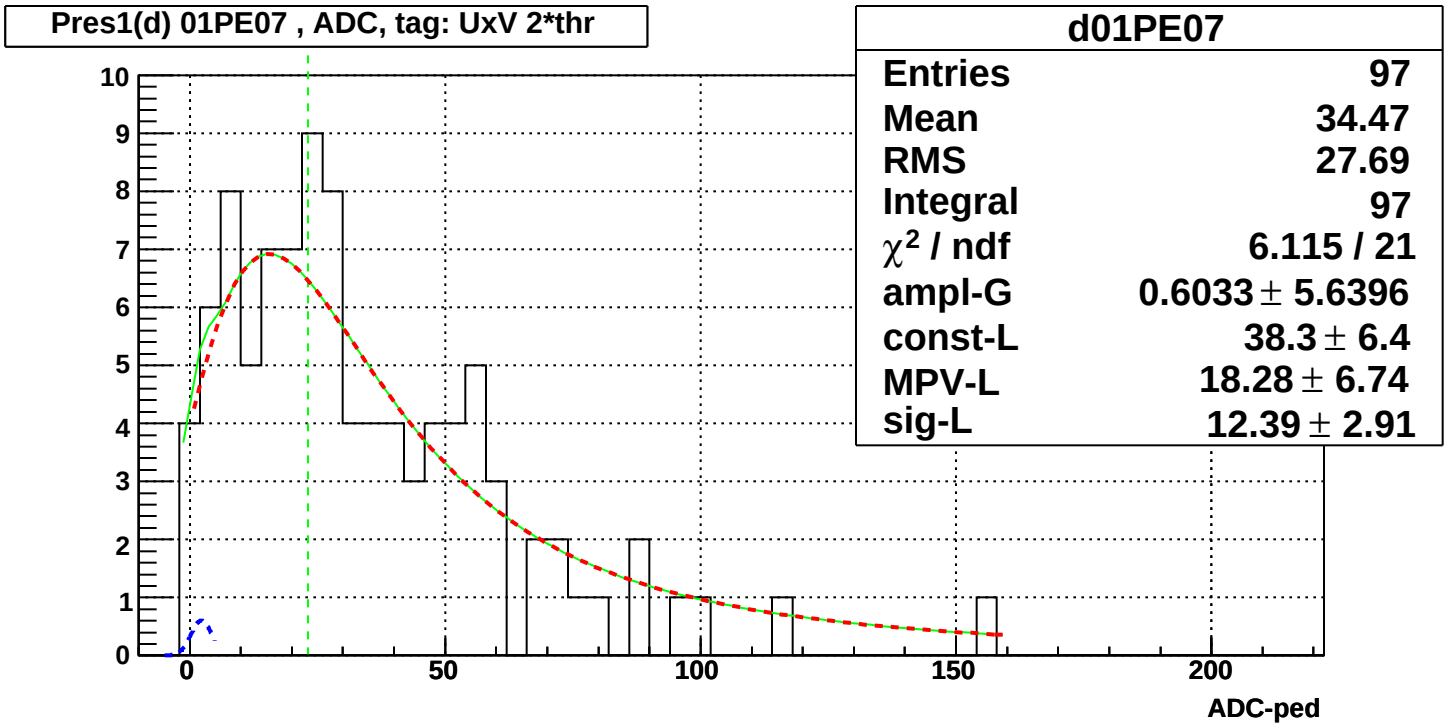

Pres1(a) 01PC07 , inclusive ADC
a01PC07
Entries 504000
Mean 1.124
RMS 7.009
Integral 5.038e+05
χ² / ndf 161 / 2
Constant 1.997e+06 ± 42184
Mean 0.5723 ± 0.0005
Sigma 0.04332 ± 0.00033
ADC-ped

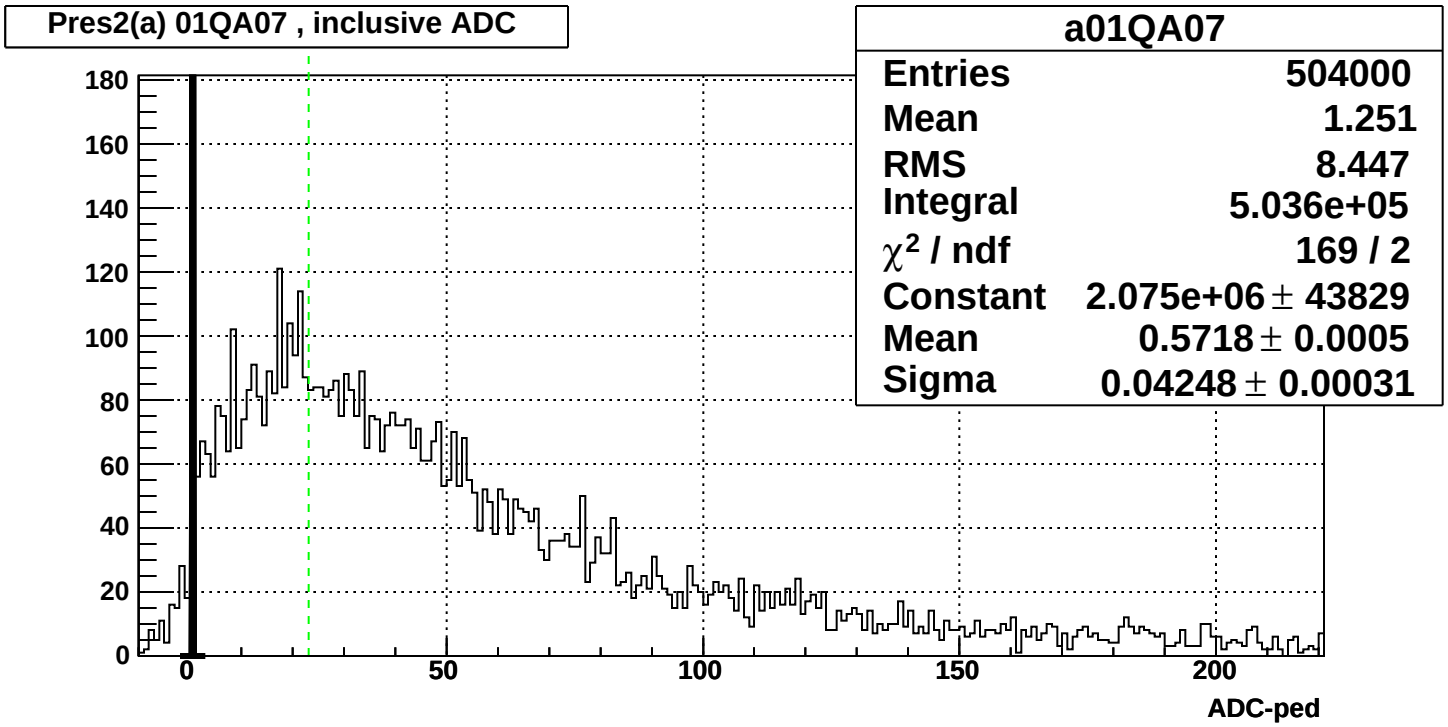

Pres1(d) 01PC07 , ADC, tag: UxV 2*thr
d01PC07
Entries 104
Mean 30.42
RMS 20.94
Integral 104
χ² / ndf 15.48 / 17
ampl-G 7.278 ± 2.933
const-L 48.98 ± 8.24
MPV-L 20.76 ± 1.99
sig-L 7.582 ± 1.280
ADC-ped

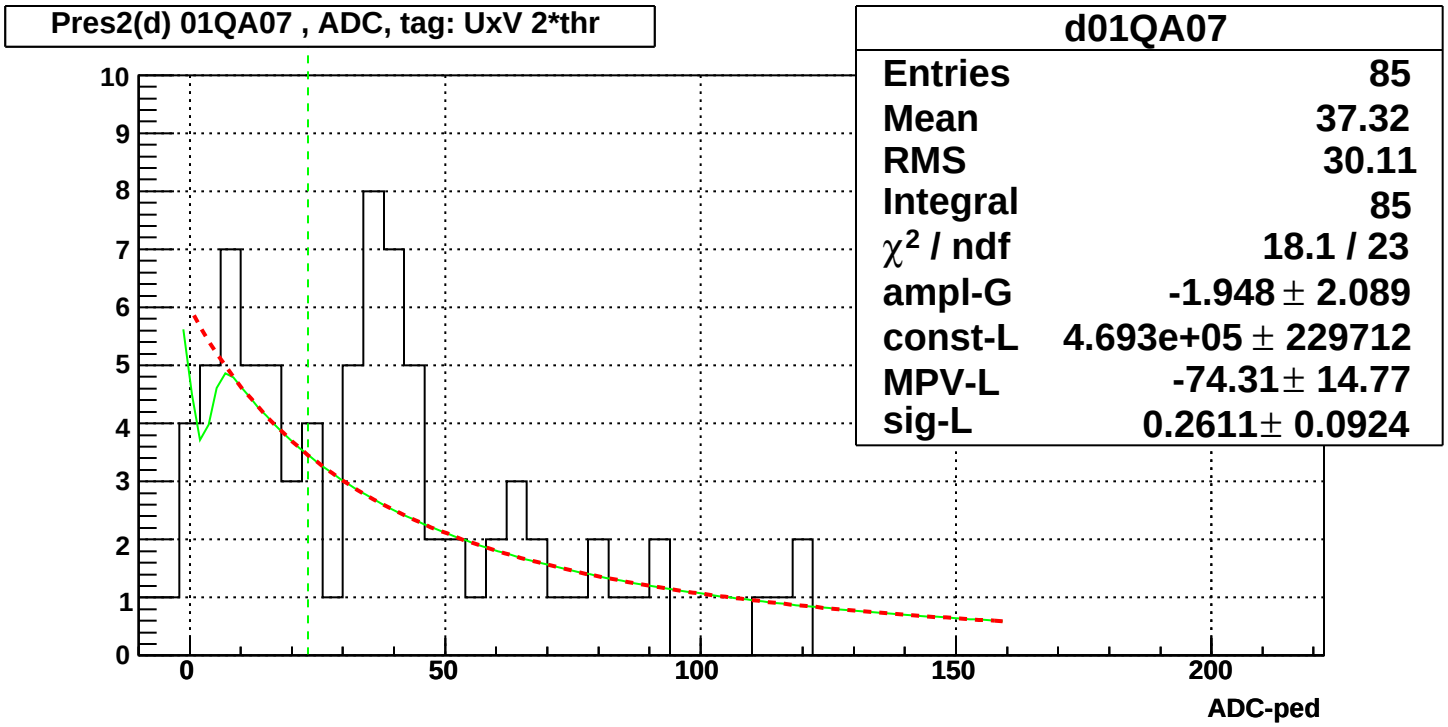

Pres1(a) 01PD07 , inclusive ADC
a01PD07
Entries 504000
Mean 1.147
RMS 7.106
Integral 5.038e+05
χ² / ndf 149 / 2
Constant 2.219e+06 ± 46875
Mean 0.571 ± 0.000
Sigma 0.04105 ± 0.00029
ADC-ped

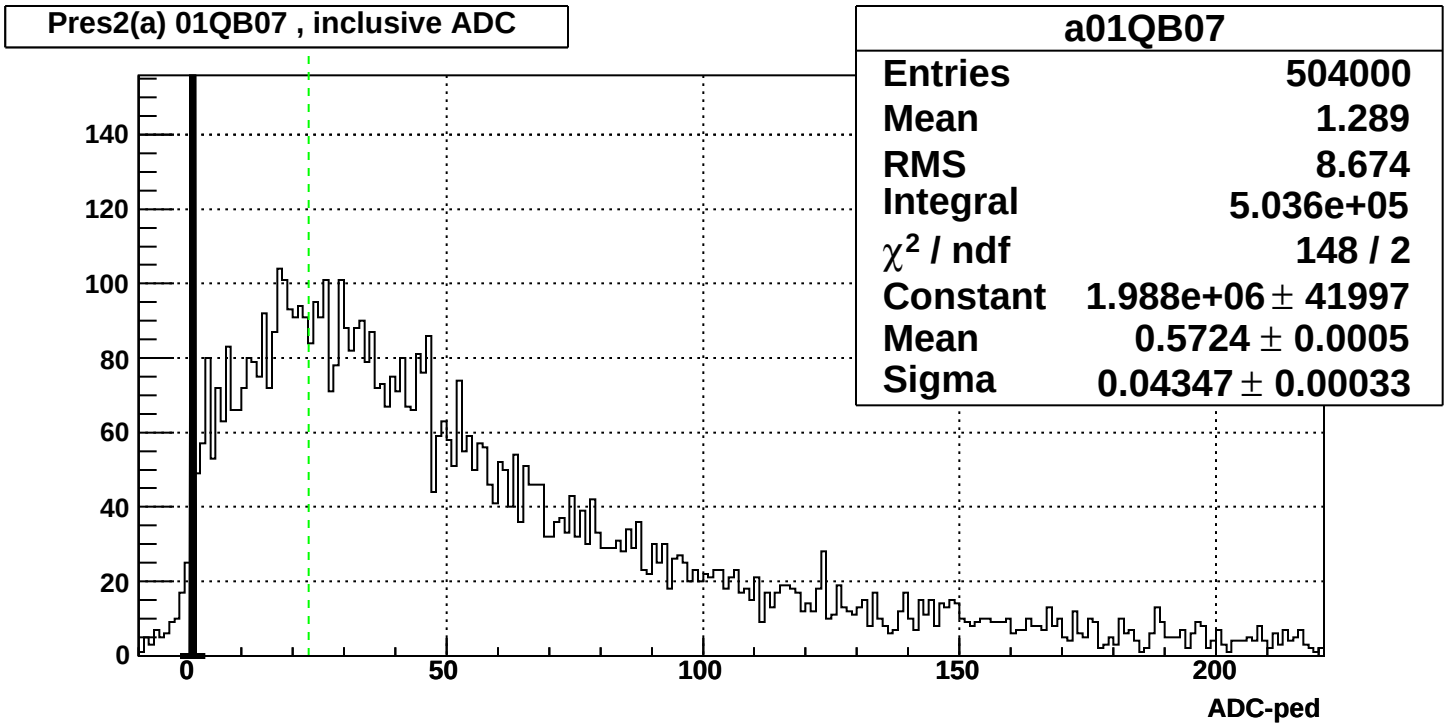

Pres1(d) 01PD07 , ADC, tag: UxV 2*thr
d01PD07
Entries 79
Mean 32.96
RMS 23.76
Integral 79
χ² / ndf 20.32 / 19
ampl-G 1.017 ± 4.801
const-L 25.92 ± 5.64
MPV-L 18.28 ± 7.14
sig-L 11.51± 4.09
ADC-ped

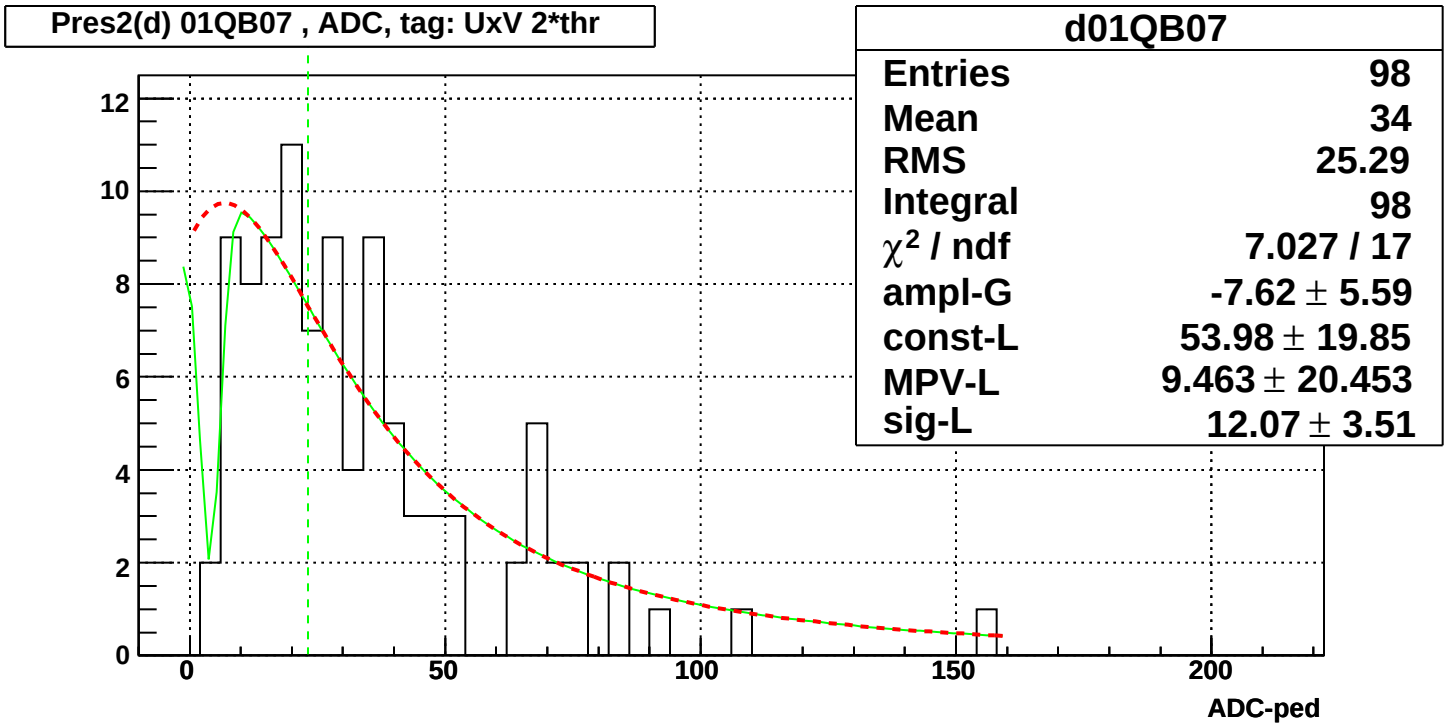

Pres1(a) 01PE07 , inclusive ADC
a01PE07
Entries 504000
Mean 1.153
RMS 7.234
Integral 5.038e+05
χ² / ndf 174 / 2
Constant 2.088e+06 ± 44101
Mean 0.5717 ± 0.0005
Sigma 0.04232 ± 0.00031
ADC-ped

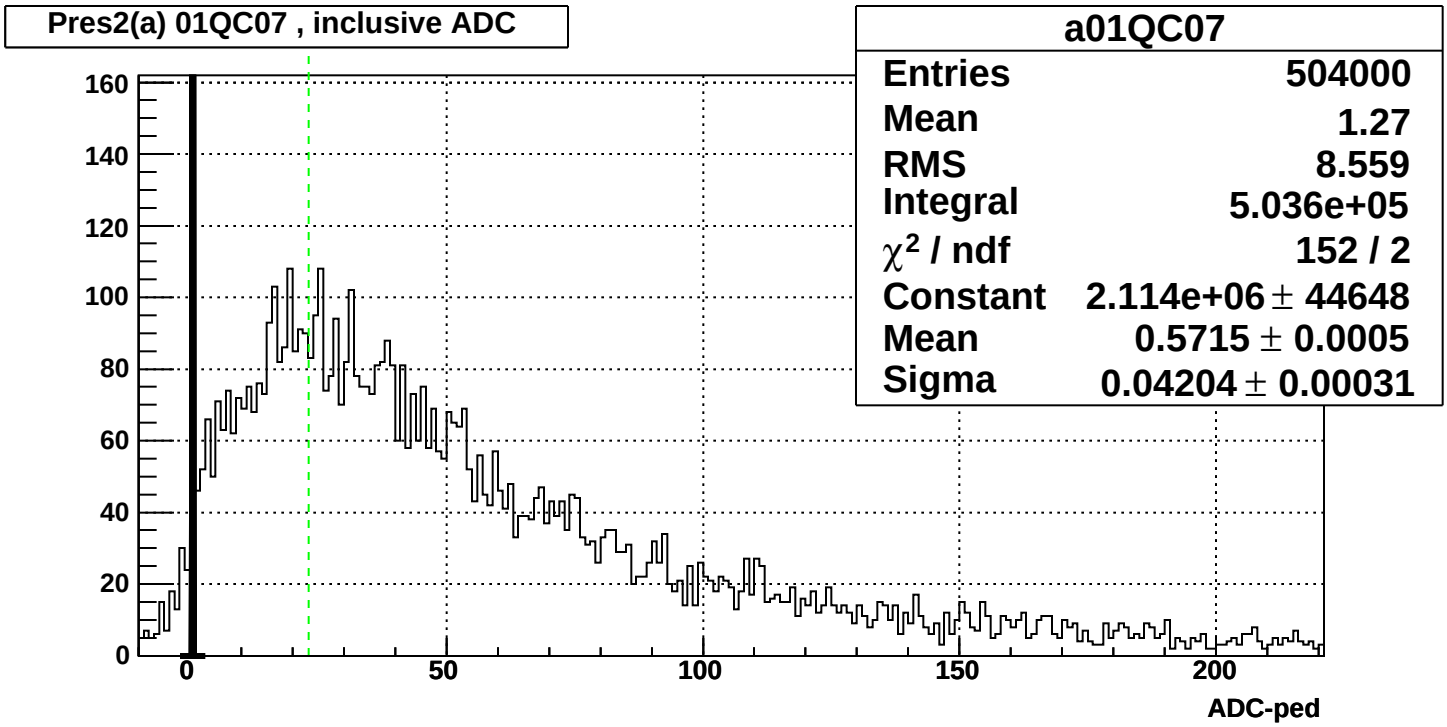

Pres1(d) 01PE07 , ADC, tag: UxV 2*thr
d01PE07
Entries 97
Mean 34.47
RMS 27.69
Integral 97
χ² / ndf 6.115 / 21
ampl-G 0.6033 ± 5.6396
const-L 38.3 ± 6.4
MPV-L 18.28 ± 6.74
sig-L 12.39 ± 2.91
ADC-ped

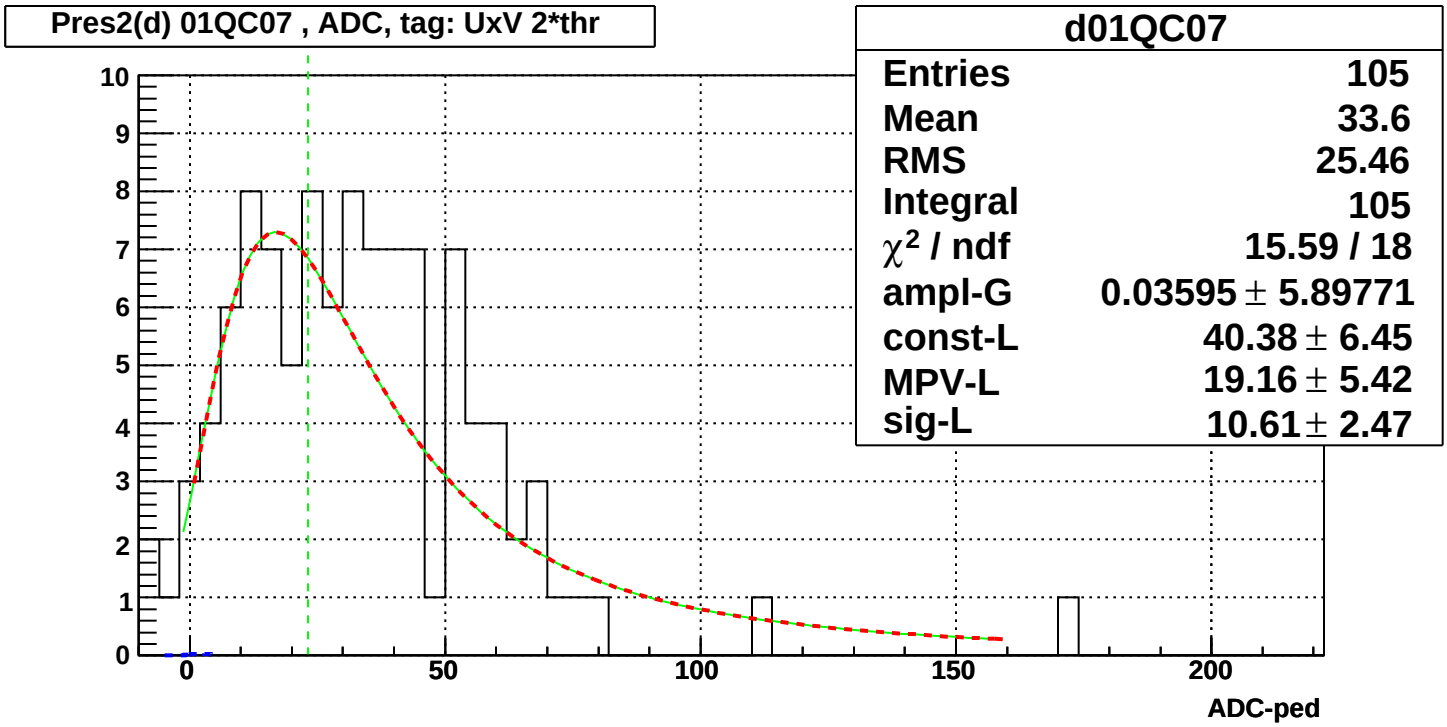

Pres2(a) 01QA07 , inclusive ADC
a01QA07
Entries 504000
Mean 1.251
RMS 8.447
Integral 5.036e+05
χ² / ndf 169 / 2
Constant 2.075e+06 ± 43829
Mean 0.5718 ± 0.0005
Sigma 0.04248 ± 0.00031
ADC-ped

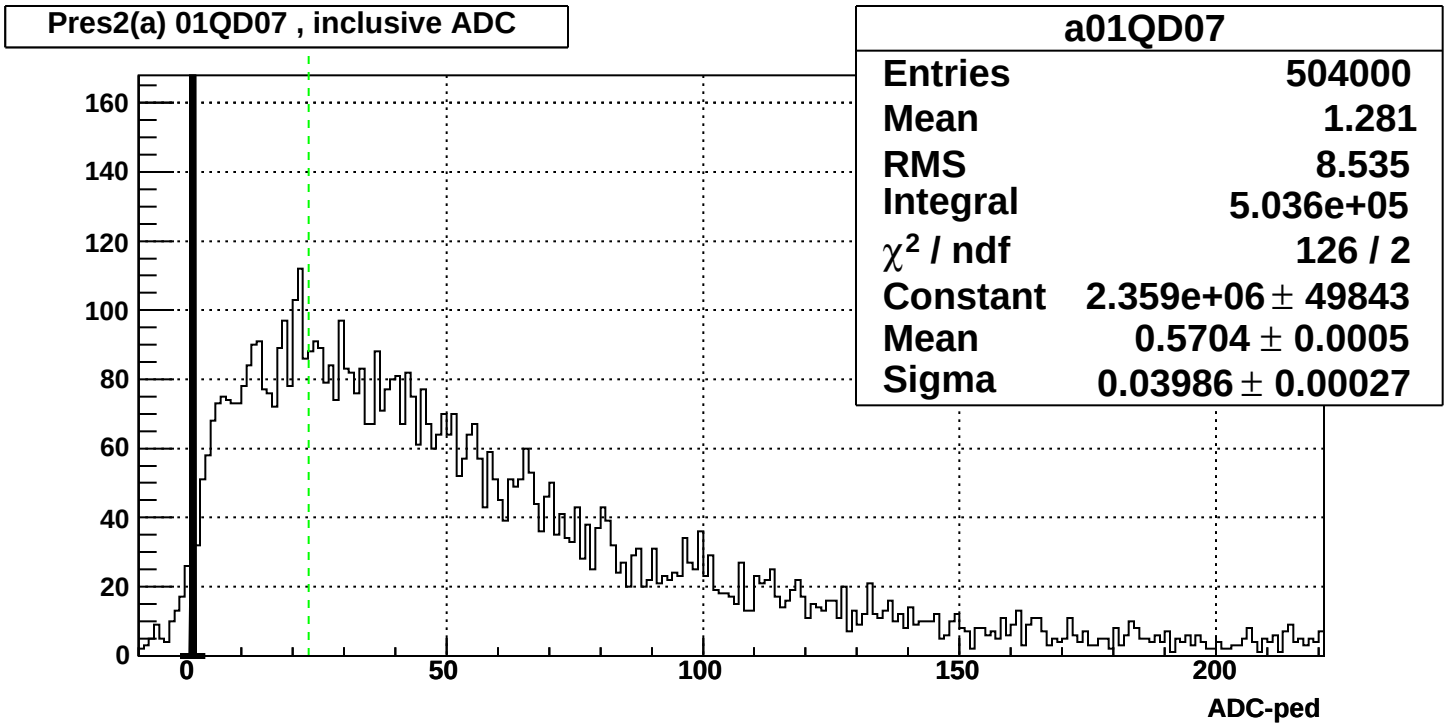

Pres2(d) 01QA07 , ADC, tag: UxV 2*thr
d01QA07
Entries 85
Mean 37.32
RMS 30.11
Integral 85
χ² / ndf 18.1 / 23
ampl-G -1.948 ± 2.089
const-L 4.693e+05 ± 229712
MPV-L -74.31 ± 14.77
sig-L 0.2611 ± 0.0924
ADC-ped

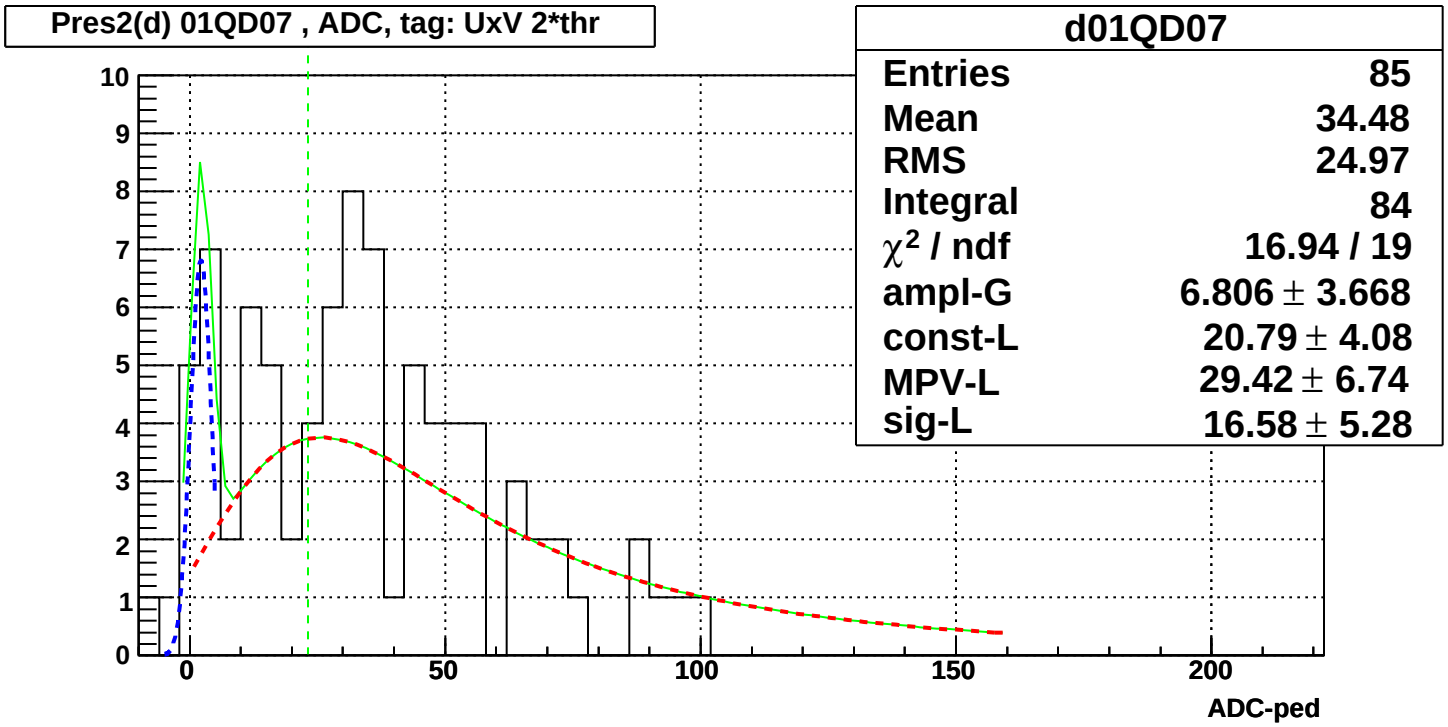

Pres2(a) 01QB07 , inclusive ADC
a01QB07
Entries 504000
Mean 1.289
RMS 8.674
Integral 5.036e+05
χ² / ndf 148 / 2
Constant 1.988e+06 ± 41997
Mean 0.5724 ± 0.0005
Sigma 0.04347 ± 0.00033
0
20
40
60
80
100
120
140
0
50
100
150
200
ADC-ped

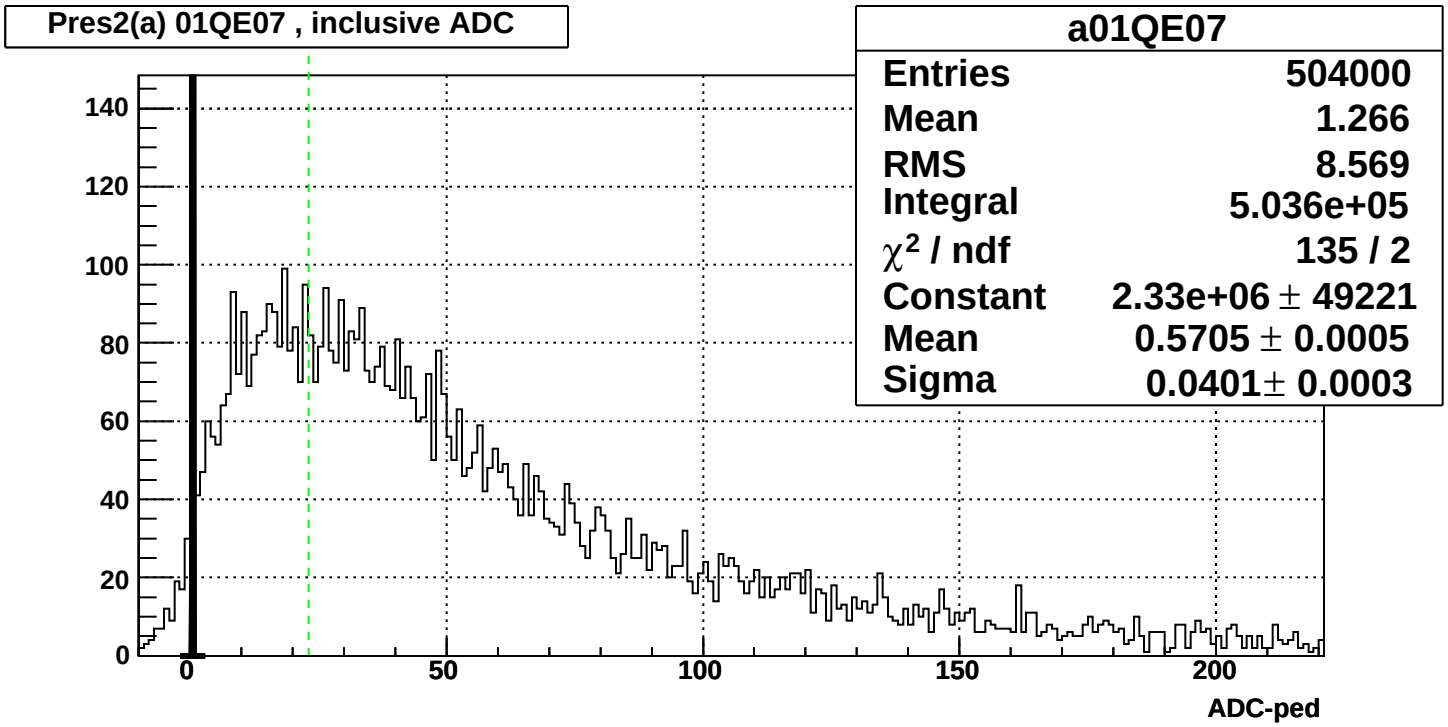

Pres2(d) 01QB07 , ADC, tag: UxV 2*thr
d01QB07
Entries 98
Mean 34
RMS 25.29
Integral 98
χ² / ndf 7.027 / 17
ampl-G -7.62 ± 5.59
const-L 53.98 ± 19.85
MPV-L 9.463 ± 20.453
sig-L 12.07 ± 3.51
0
2
4
6
8
10
12
0
50
100
150
200
ADC-ped

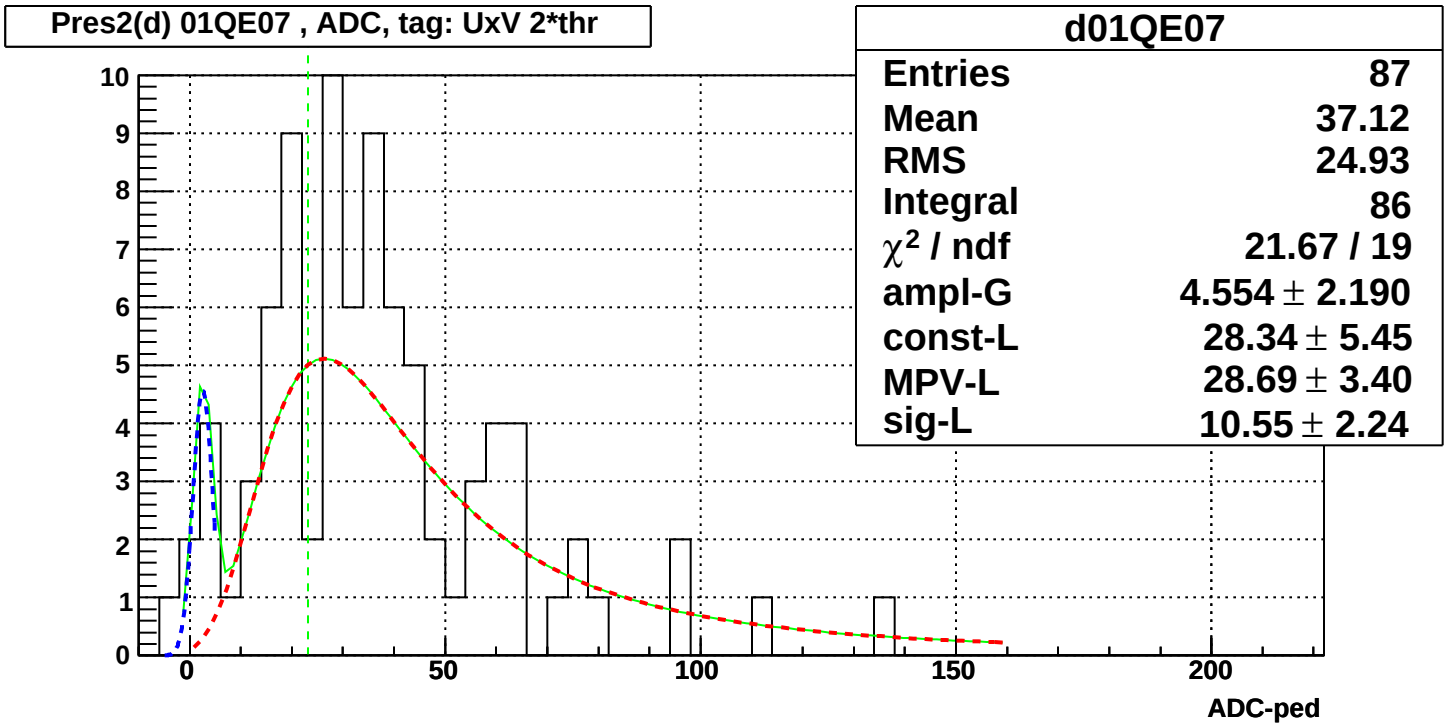

Pres2(a) 01QC07 , inclusive ADC
a01QC07
Entries 504000
Mean 1.27
RMS 8.559
Integral 5.036e+05
χ² / ndf 152 / 2
Constant 2.114e+06 ± 44648
Mean 0.5715 ± 0.0005
Sigma 0.04204 ± 0.00031
ADC-ped

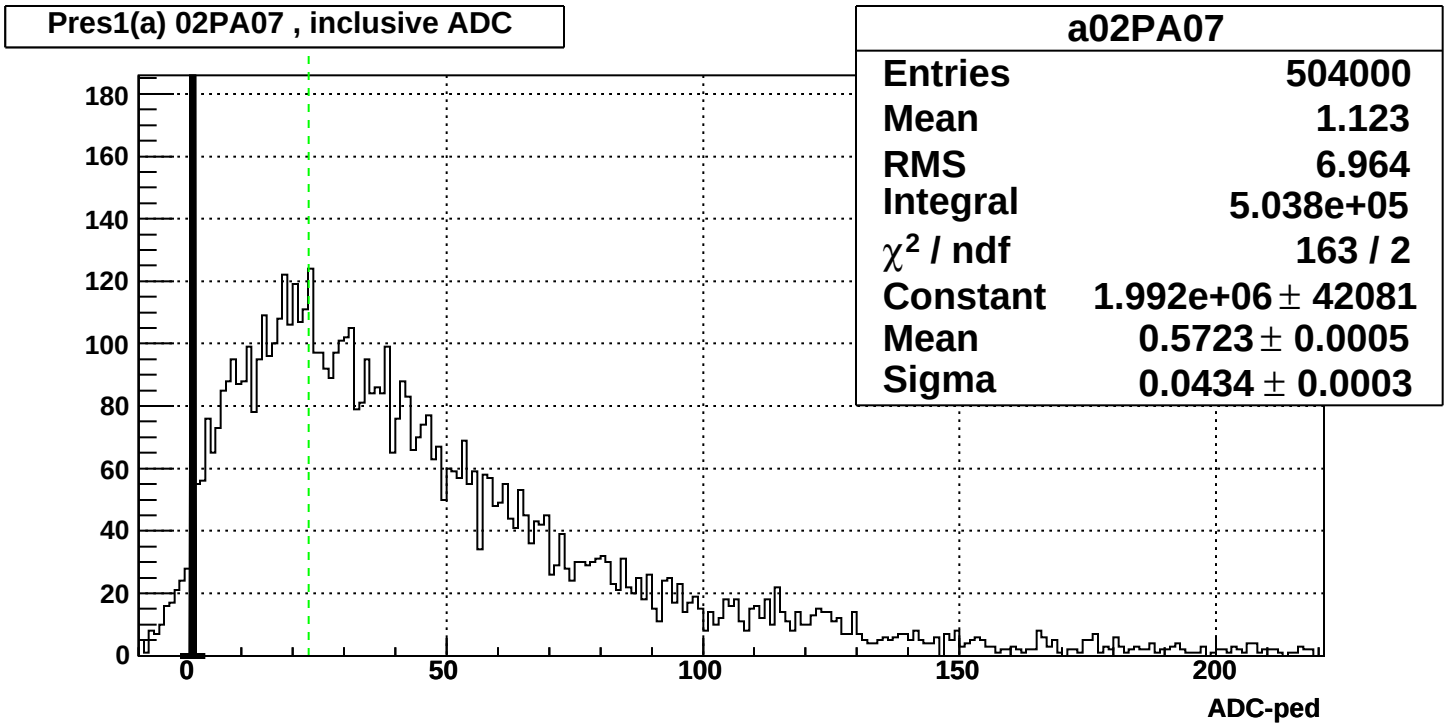

Pres2(d) 01QC07 , ADC, tag: UxV 2*thr
d01QC07
Entries 105
Mean 33.6
RMS 25.46
Integral 105
χ² / ndf 15.59 / 18
ampl-G 0.03595 ± 5.89771
const-L 40.38 ± 6.45
MPV-L 19.16 ± 5.42
sig-L 10.61 ± 2.47
ADC-ped

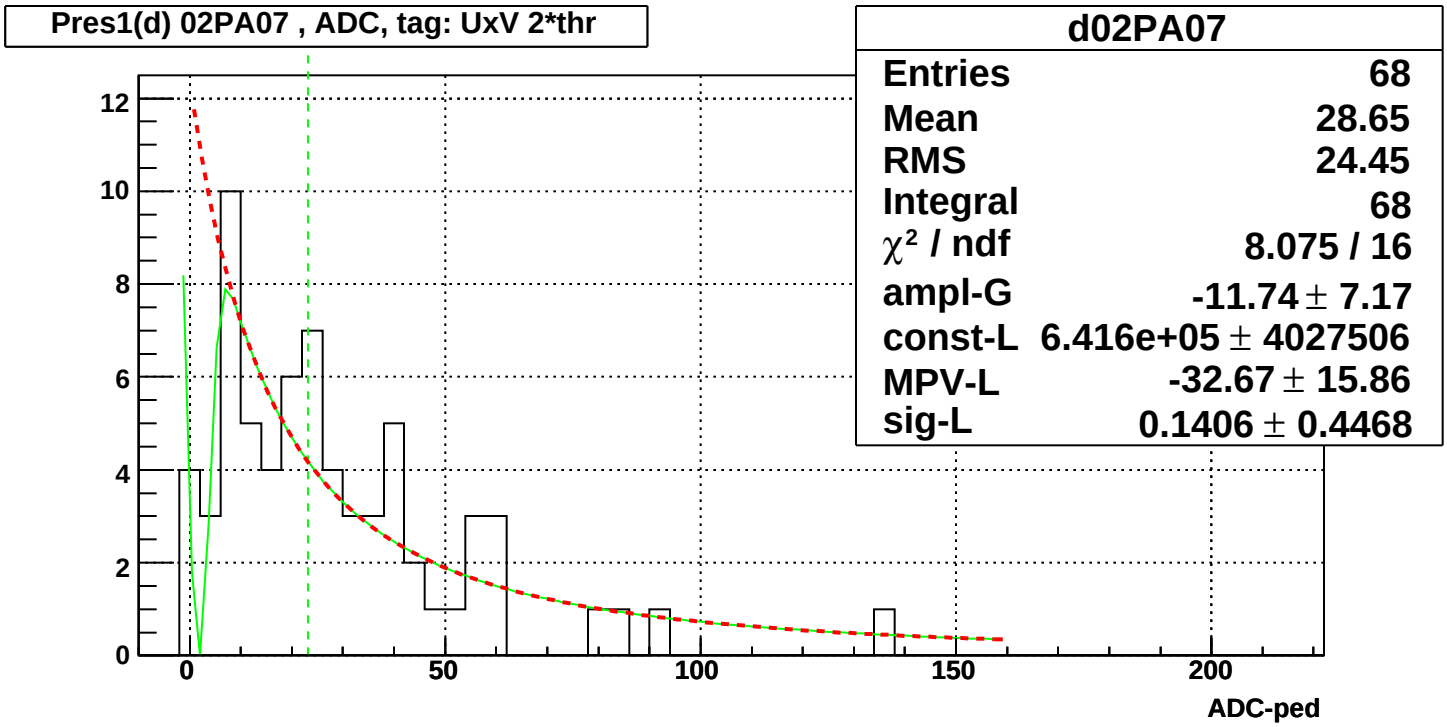

Pres2(a) 01QD07 , inclusive ADC
a01QD07
Entries 504000
Mean 1.281
RMS 8.535
Integral 5.036e+05
χ² / ndf 126 / 2
Constant 2.359e+06 ± 49843
Mean 0.5704 ± 0.0005
Sigma 0.03986 ± 0.00027
ADC-ped

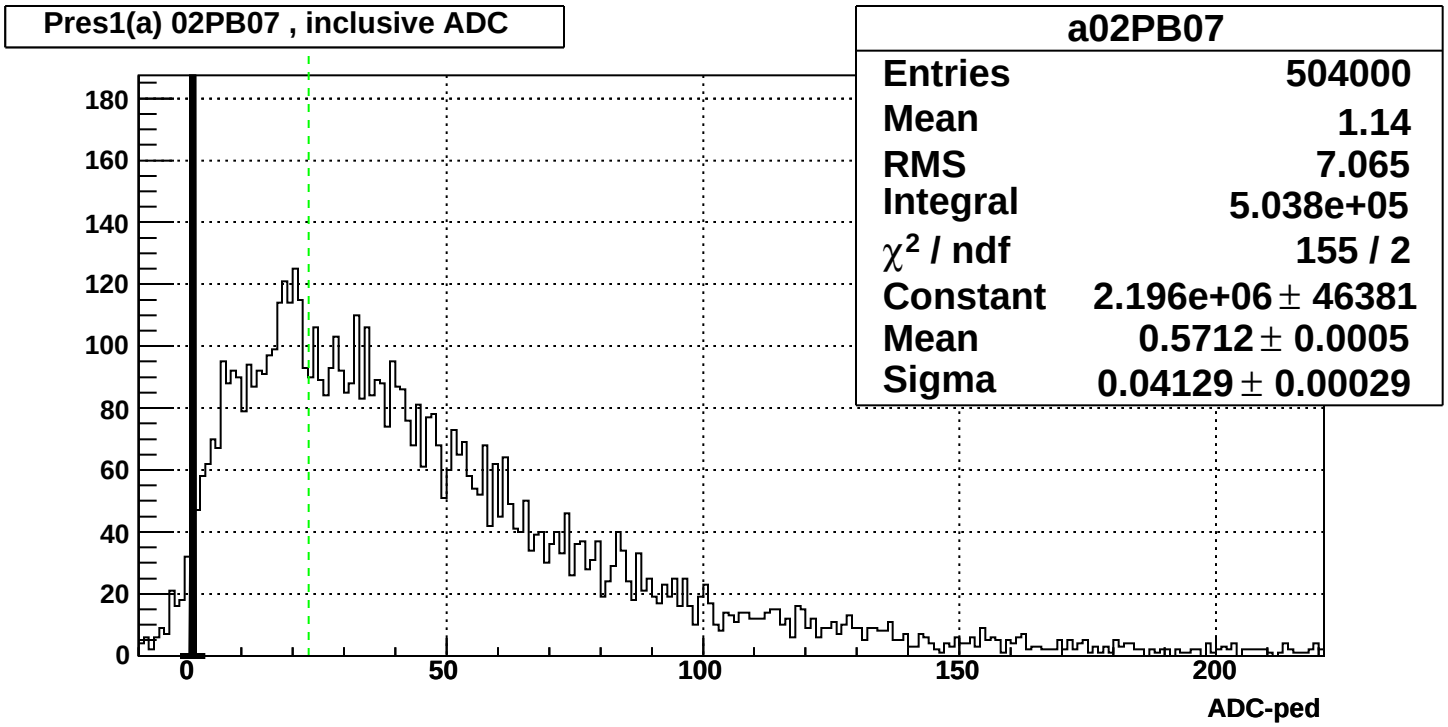

Pres2(d) 01QD07 , ADC, tag: UxV 2*thr
d01QD07
Entries 85
Mean 34.48
RMS 24.97
Integral 84
χ² / ndf 16.94 / 19
ampl-G 6.806 ± 3.668
const-L 20.79 ± 4.08
MPV-L 29.42 ± 6.74
sig-L 16.58 ± 5.28
ADC-ped

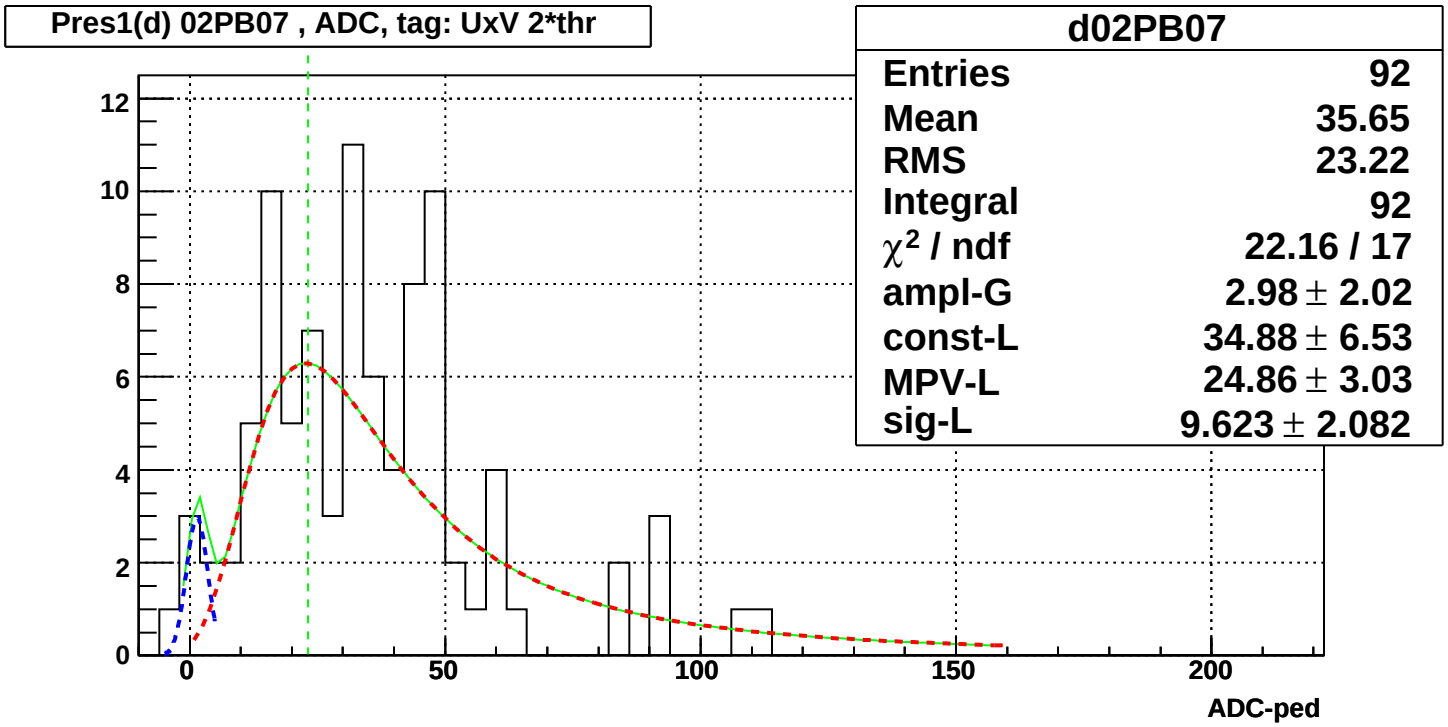

Pres2(a) 01QE07 , inclusive ADC
a01QE07
Entries 504000
Mean 1.266
RMS 8.569
Integral 5.036e+05
χ² / ndf 135 / 2
Constant 2.33e+06 ± 49221
Mean 0.5705 ± 0.0005
Sigma 0.0401± 0.0003
ADC-ped

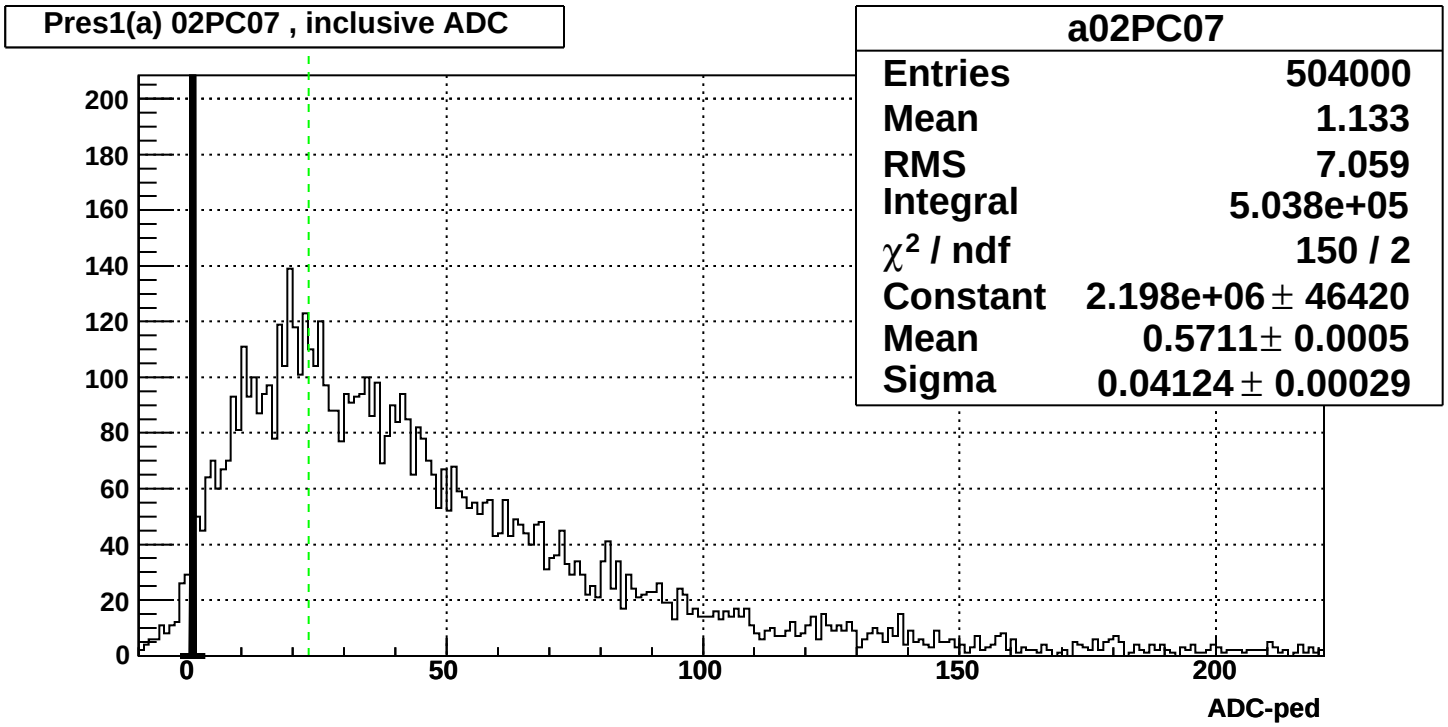

Pres2(d) 01QE07 , ADC, tag: UxV 2*thr
d01QE07
Entries 87
Mean 37.12
RMS 24.93
Integral 86
χ² / ndf 21.67 / 19
ampl-G 4.554 ± 2.190
const-L 28.34 ± 5.45
MPV-L 28.69 ± 3.40
sig-L 10.55 ± 2.24
ADC-ped

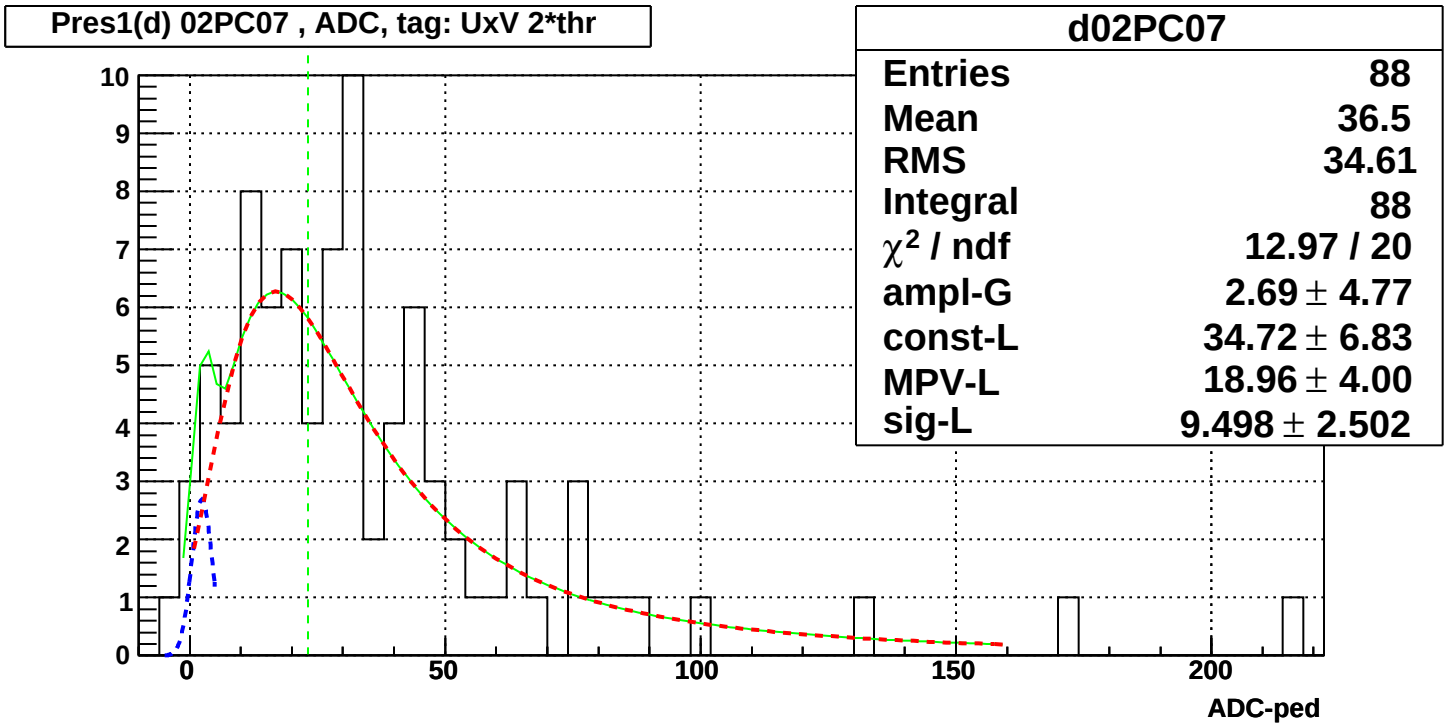

Pres1(a) 02PA07 , inclusive ADC
a02PA07
Entries 504000
Mean 1.123
RMS 6.964
Integral 5.038e+05
χ² / ndf 163 / 2
Constant 1.992e+06 ± 42081
Mean 0.5723 ± 0.0005
Sigma 0.0434 ± 0.0003
ADC-ped

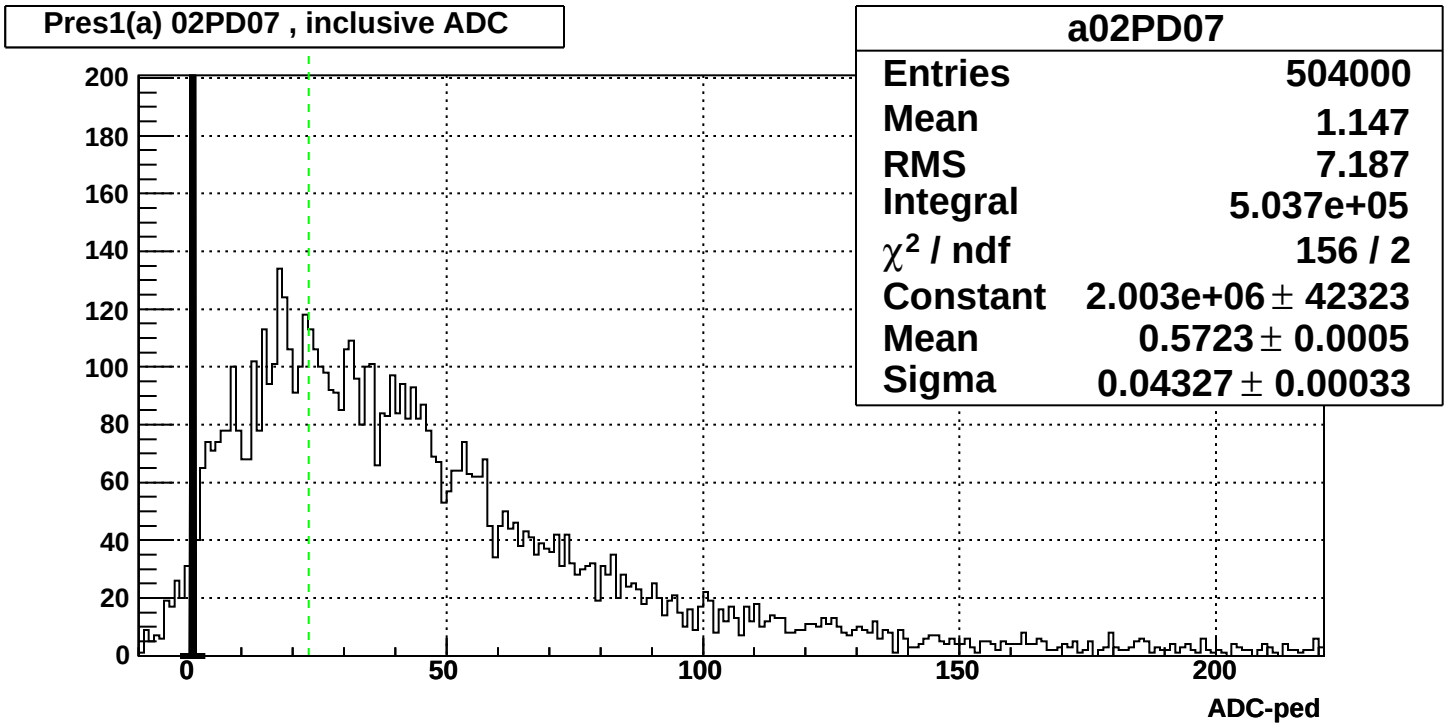

Pres1(d) 02PA07 , ADC, tag: UxV 2*thr
d02PA07
Entries 68
Mean 28.65
RMS 24.45
Integral 68
χ² / ndf 8.075 / 16
ampl-G -11.74 ± 7.17
const-L 6.416e+05 ± 4027506
MPV-L -32.67 ± 15.86
sig-L 0.1406 ± 0.4468
ADC-ped

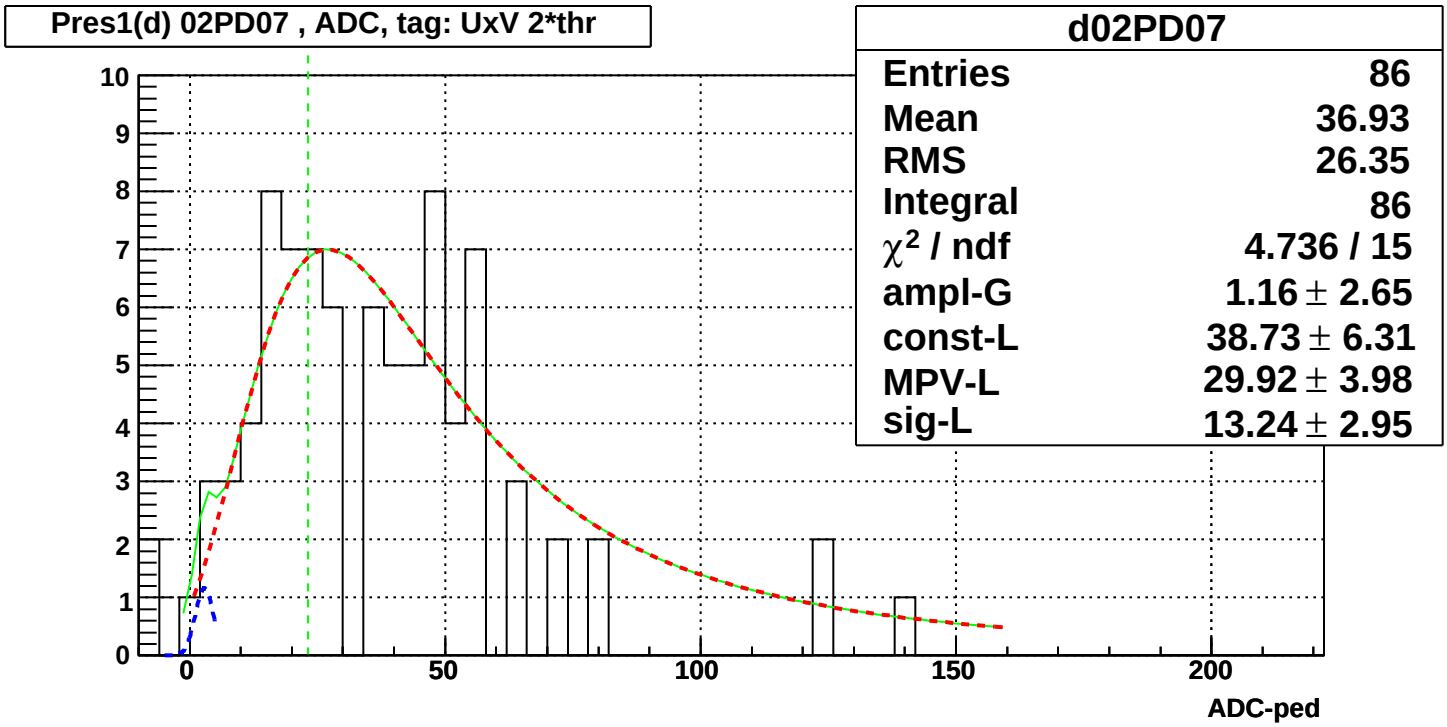

Pres1(a) 02PB07 , inclusive ADC
a02PB07
Entries 504000
Mean 1.14
RMS 7.065
Integral 5.038e+05
χ² / ndf 155 / 2
Constant 2.196e+06 ± 46381
Mean 0.5712 ± 0.0005
Sigma 0.04129 ± 0.00029
ADC-ped

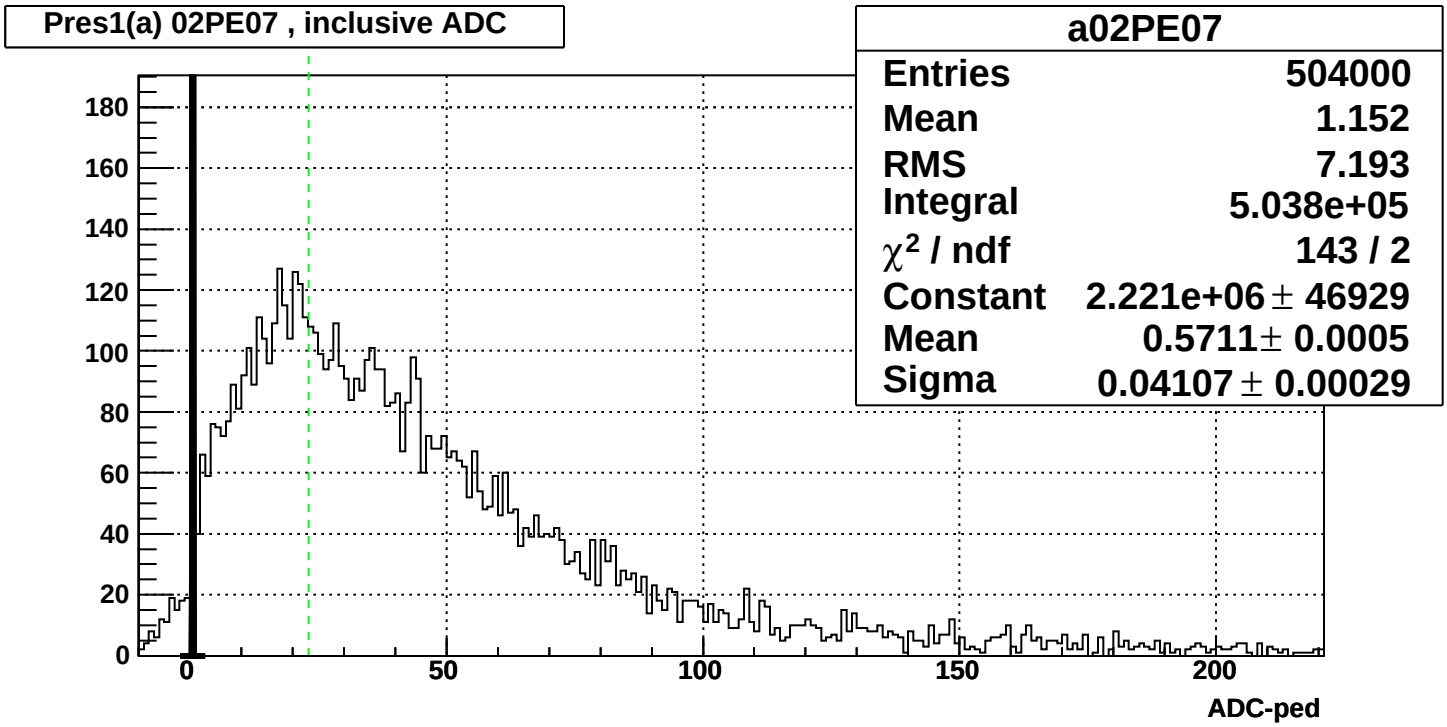

Pres1(d) 02PB07 , ADC, tag: UxV 2*thr
d02PB07
Entries 92
Mean 35.65
RMS 23.22
Integral 92
χ² / ndf 22.16 / 17
ampl-G 2.98 ± 2.02
const-L 34.88 ± 6.53
MPV-L 24.86 ± 3.03
sig-L 9.623 ± 2.082
ADC-ped

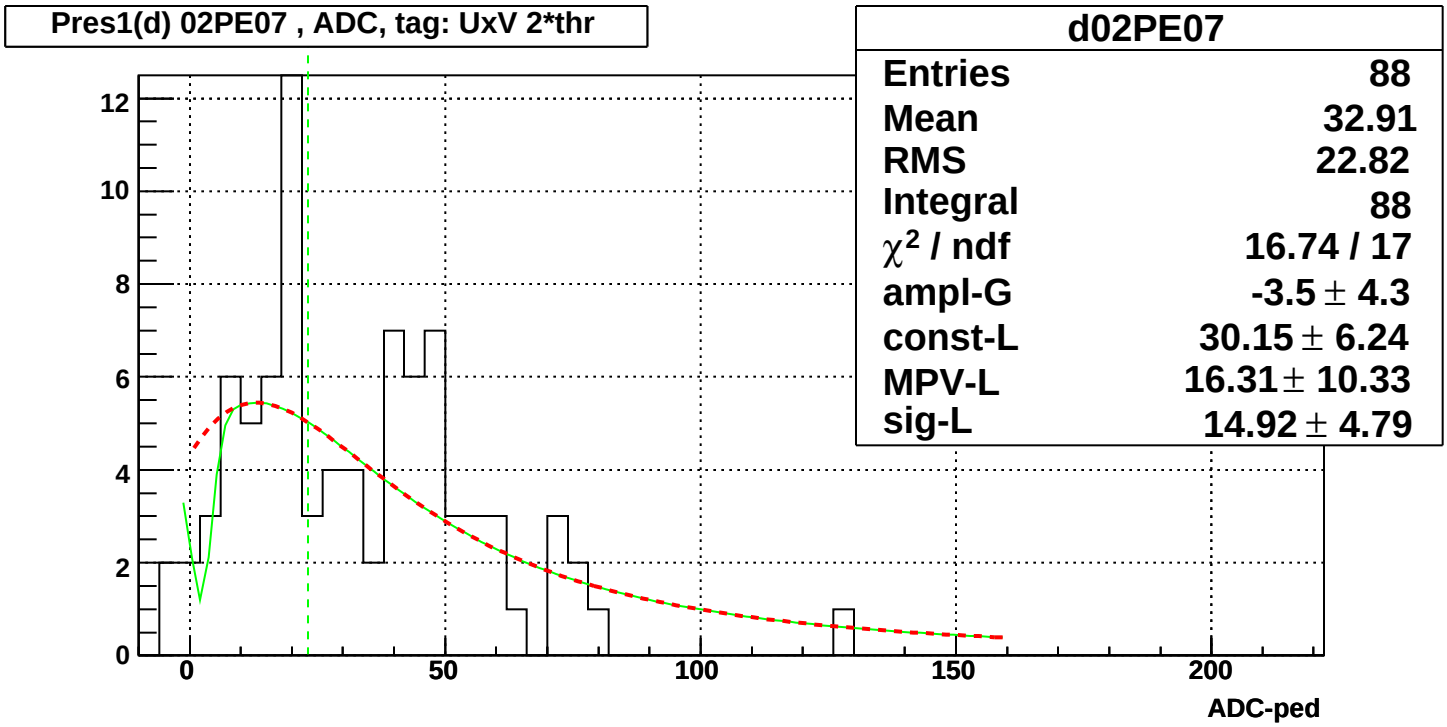

Pres1(a) 02PC07 , inclusive ADC
a02PC07
Entries 504000
Mean 1.133
RMS 7.059
Integral 5.038e+05
χ² / ndf 150 / 2
Constant 2.198e+06 ± 46420
Mean 0.5711 ± 0.0005
Sigma 0.04124 ± 0.00029
ADC-ped

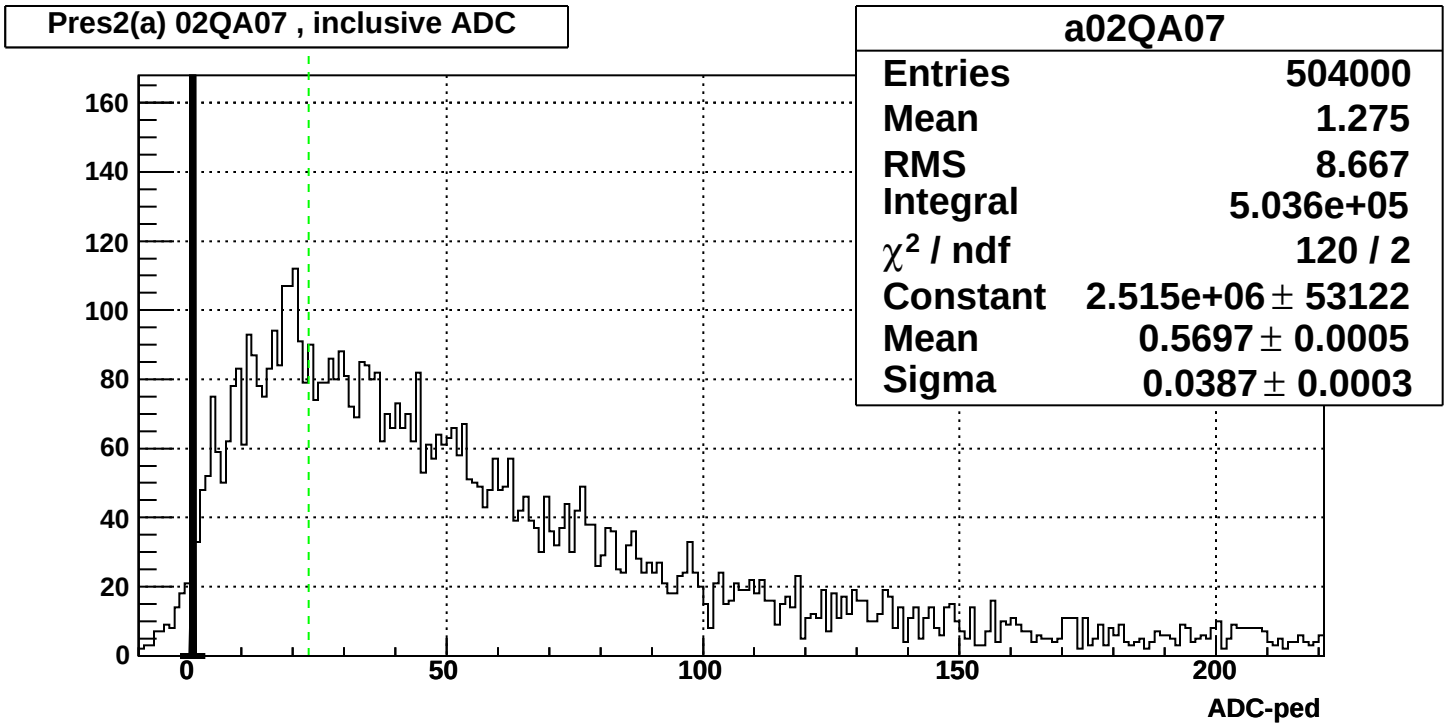

Pres1(d) 02PC07 , ADC, tag: UxV 2*thr
d02PC07
Entries 88
Mean 36.5
RMS 34.61
Integral 88
χ² / ndf 12.97 / 20
ampl-G 2.69 ± 4.77
const-L 34.72 ± 6.83
MPV-L 18.96 ± 4.00
sig-L 9.498 ± 2.502
ADC-ped

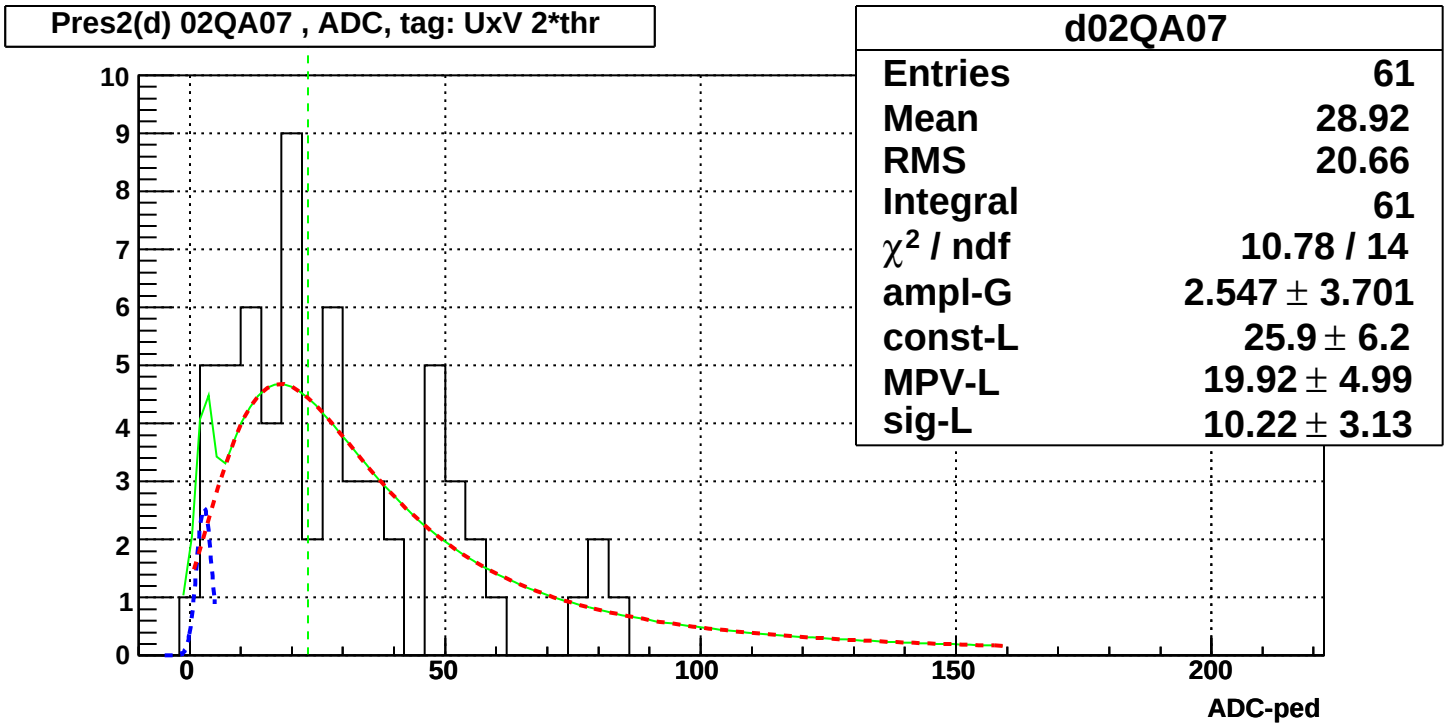

Pres1(a) 02PD07 , inclusive ADC
a02PD07
Entries 504000
Mean 1.147
RMS 7.187
Integral 5.037e+05
χ² / ndf 156 / 2
Constant 2.003e+06 ± 42323
Mean 0.5723 ± 0.0005
Sigma 0.04327 ± 0.00033
ADC-ped

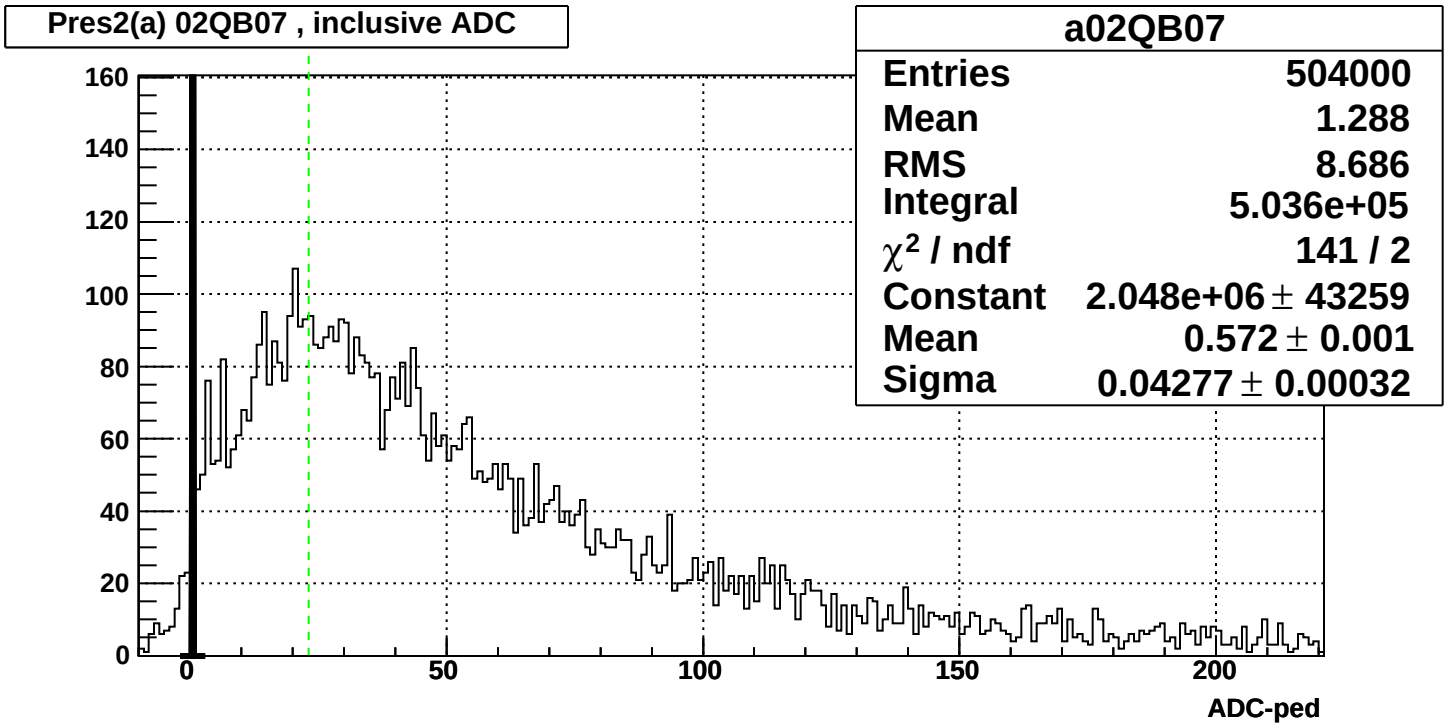

Pres1(d) 02PD07 , ADC, tag: UxV 2*thr
d02PD07
Entries 86
Mean 36.93
RMS 26.35
Integral 86
χ² / ndf 4.736 / 15
ampl-G 1.16 ± 2.65
const-L 38.73 ± 6.31
MPV-L 29.92 ± 3.98
sig-L 13.24 ± 2.95
ADC-ped

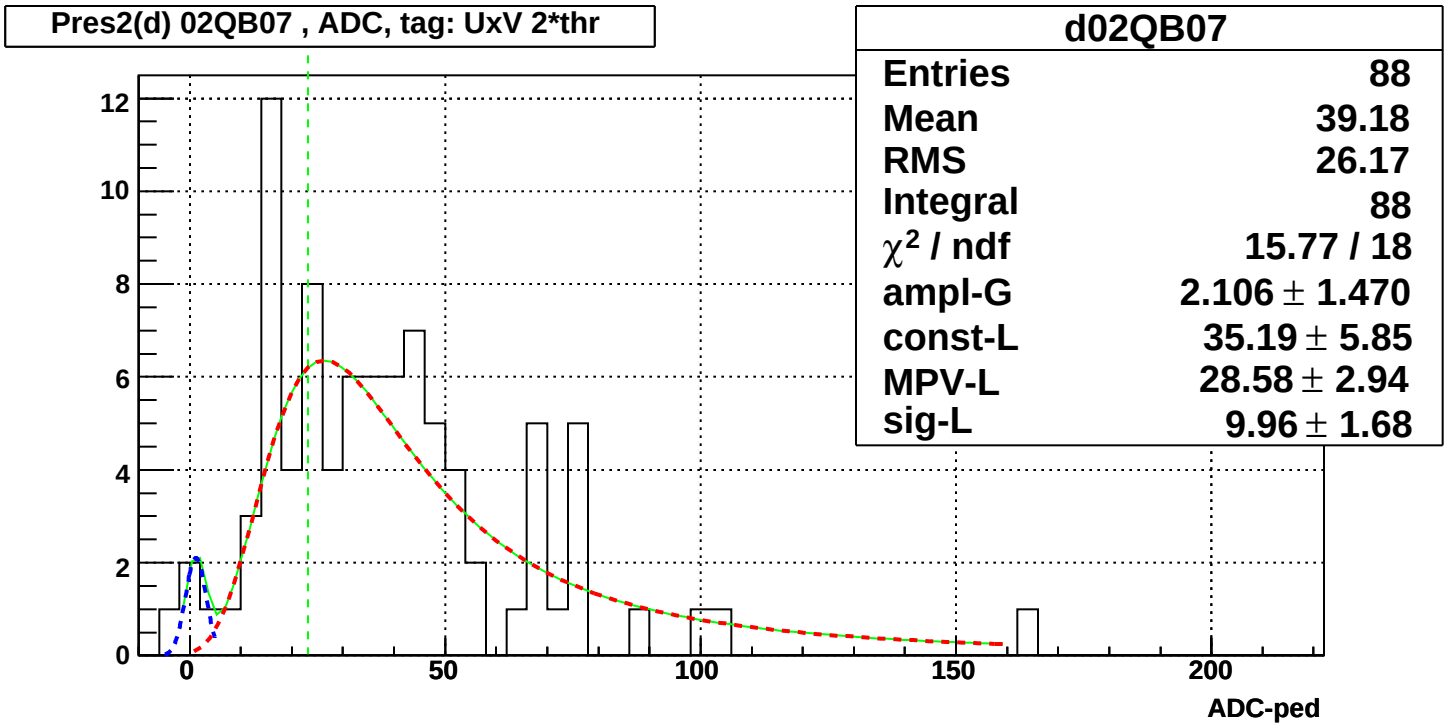

Pres1(a) 02PE07 , inclusive ADC
a02PE07
Entries 504000
Mean 1.152
RMS 7.193
Integral 5.038e+05
χ² / ndf 143 / 2
Constant 2.221e+06 ± 46929
Mean 0.5711 ± 0.0005
Sigma 0.04107 ± 0.00029
ADC-ped

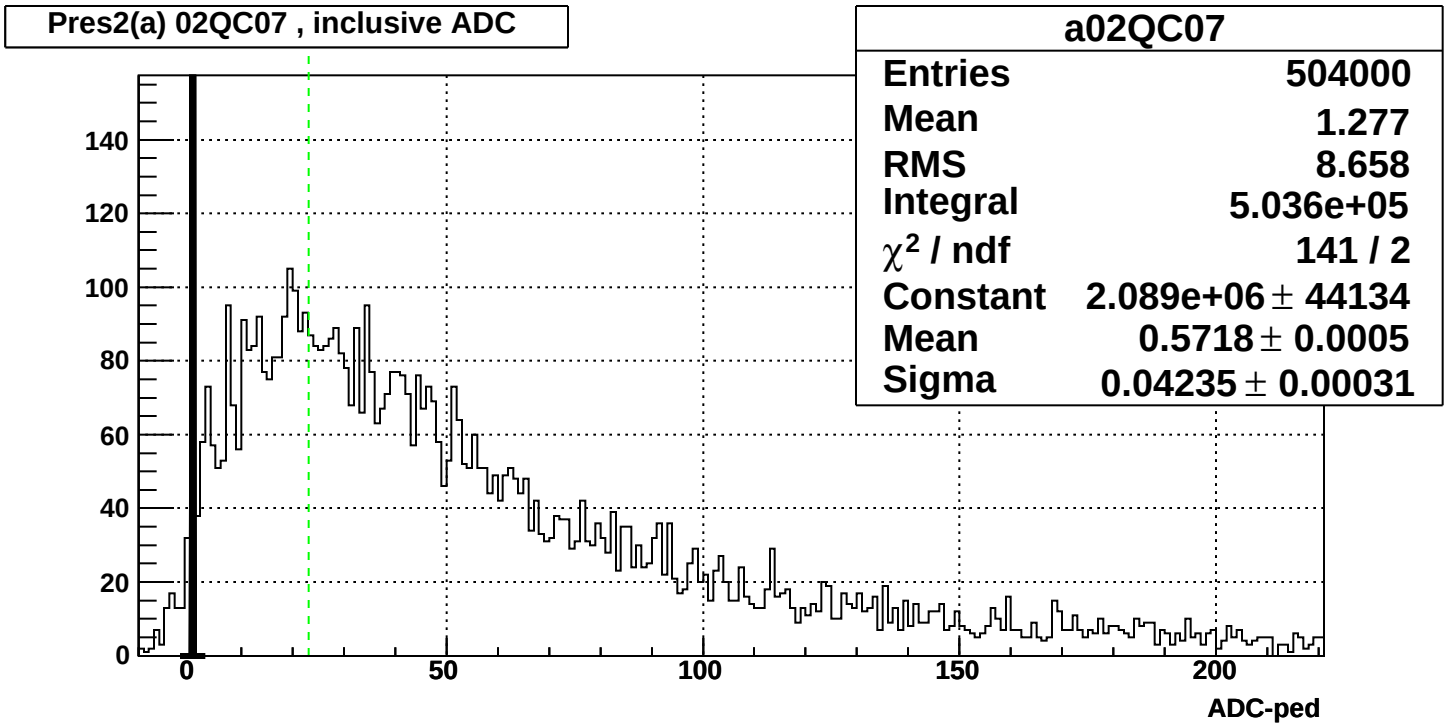

Pres1(d) 02PE07 , ADC, tag: UxV 2*thr
d02PE07
Entries 88
Mean 32.91
RMS 22.82
Integral 88
χ² / ndf 16.74 / 17
ampl-G -3.5 ± 4.3
const-L 30.15 ± 6.24
MPV-L 16.31 ± 10.33
sig-L 14.92 ± 4.79
ADC-ped

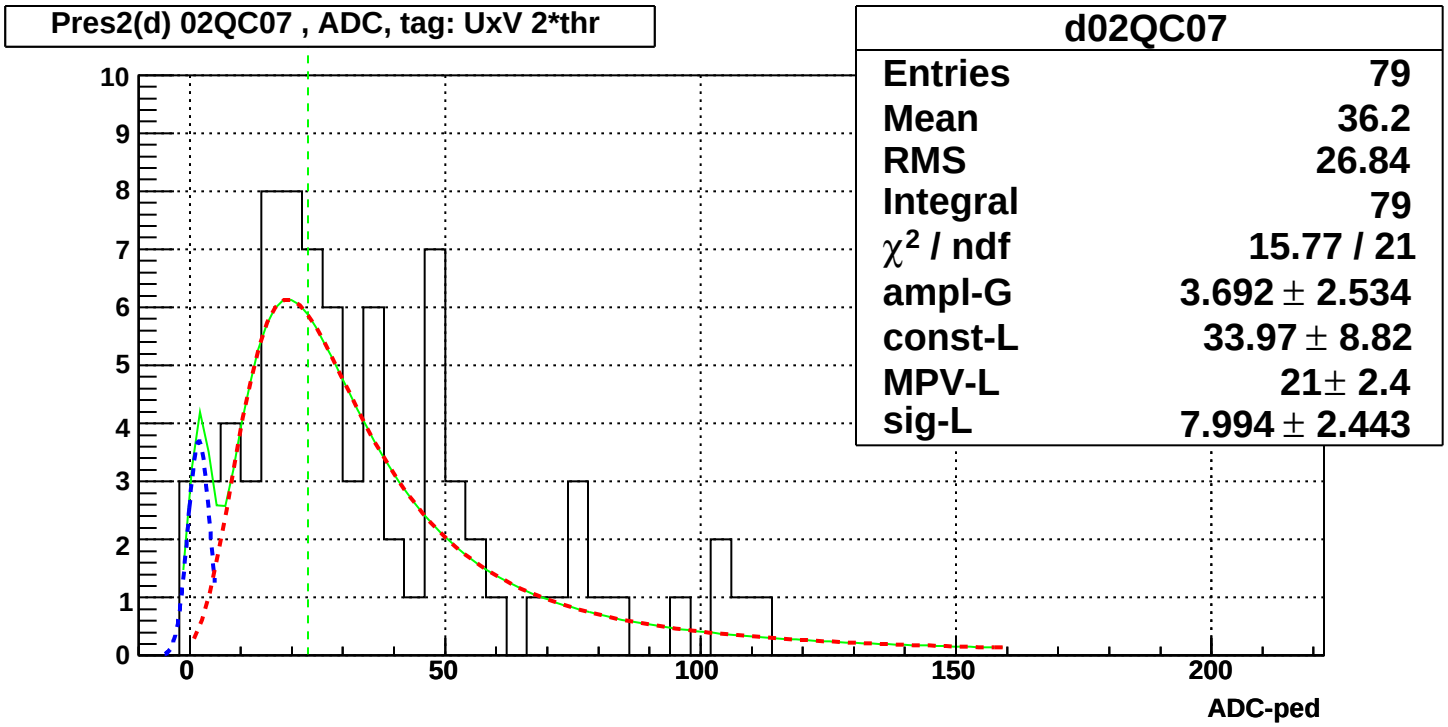

Pres2(a) 02QA07 , inclusive ADC
a02QA07
Entries 504000
Mean 1.275
RMS 8.667
Integral 5.036e+05
χ² / ndf 120 / 2
Constant 2.515e+06 ± 53122
Mean 0.5697 ± 0.0005
Sigma 0.0387 ± 0.0003
ADC-ped

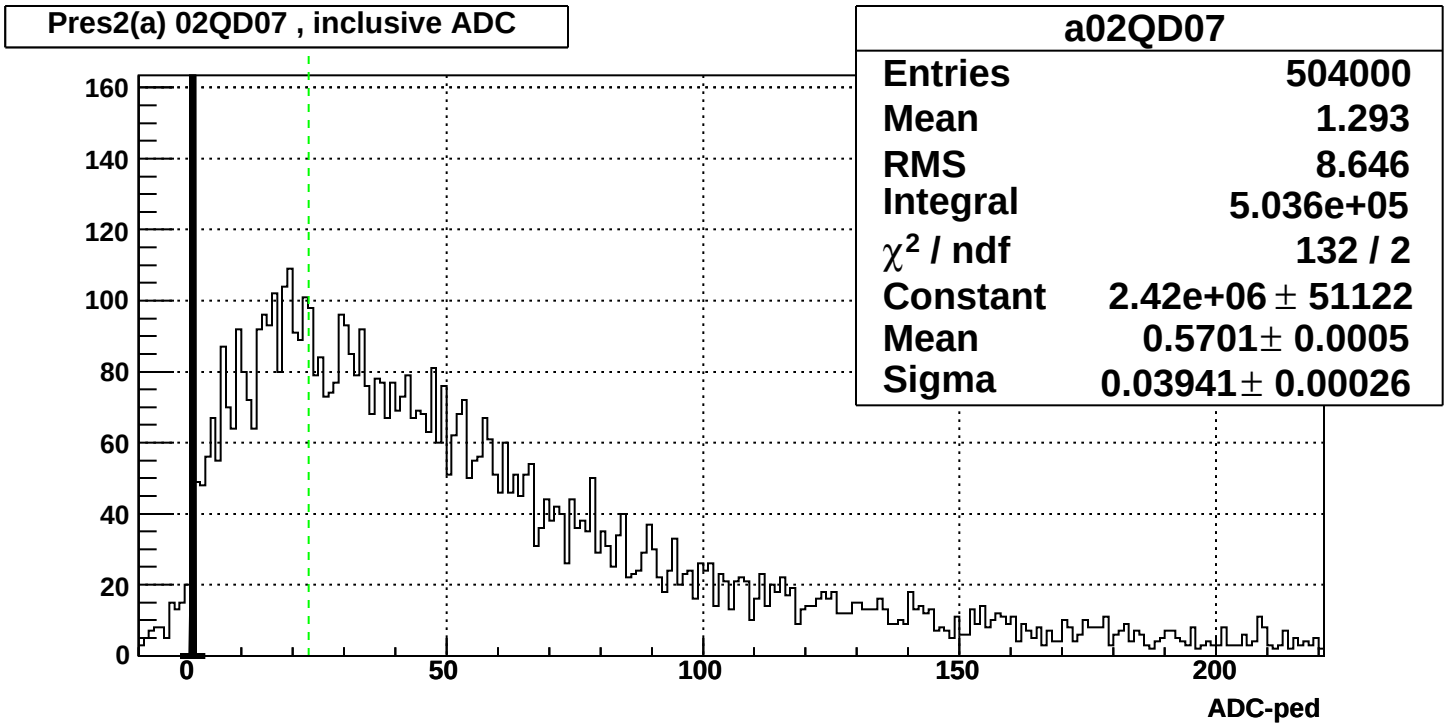

Pres2(d) 02QA07 , ADC, tag: UxV 2*thr
d02QA07
Entries 61
Mean 28.92
RMS 20.66
Integral 61
χ² / ndf 10.78 / 14
ampl-G 2.547 ± 3.701
const-L 25.9 ± 6.2
MPV-L 19.92 ± 4.99
sig-L 10.22 ± 3.13
ADC-ped

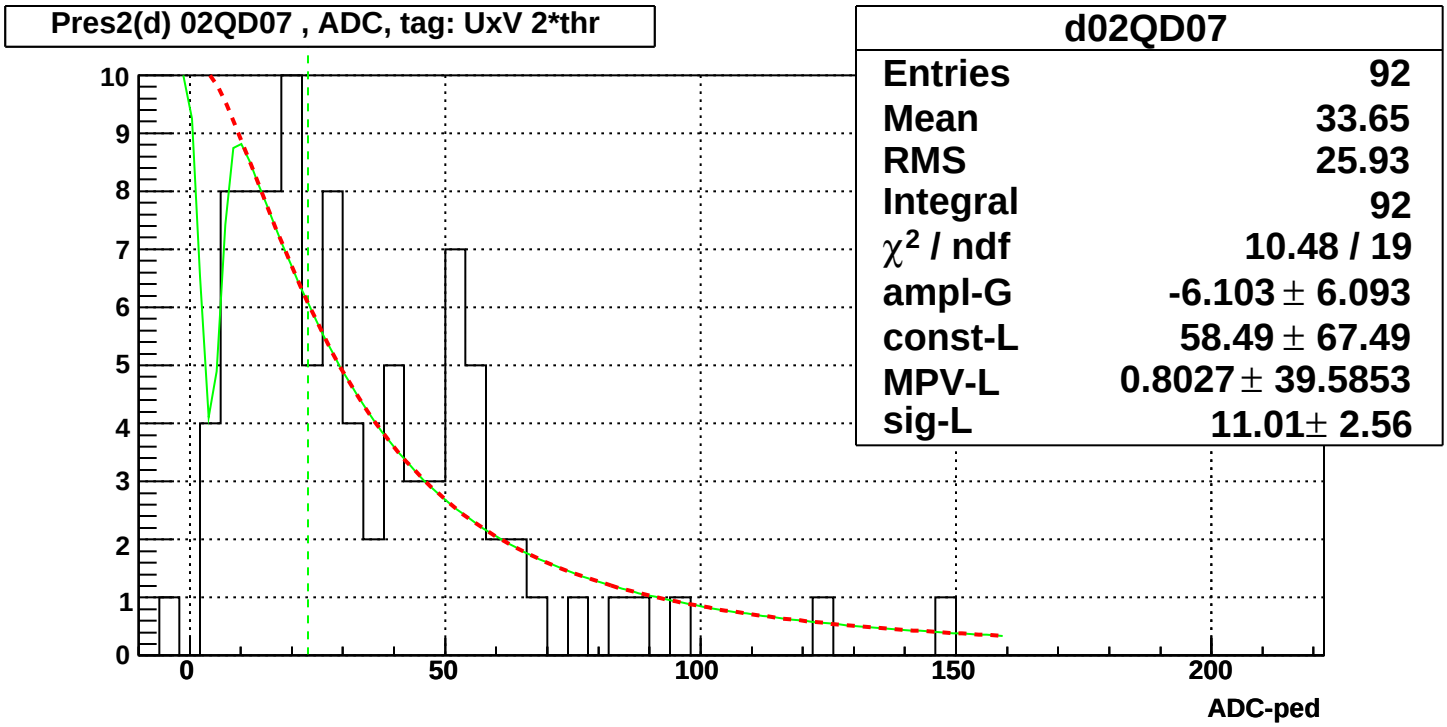

Pres2(a) 02QB07 , inclusive ADC
a02QB07
Entries 504000
Mean 1.288
RMS 8.686
Integral 5.036e+05
χ² / ndf 141 / 2
Constant 2.048e+06 ± 43259
Mean 0.572 ± 0.001
Sigma 0.04277 ± 0.00032
ADC-ped

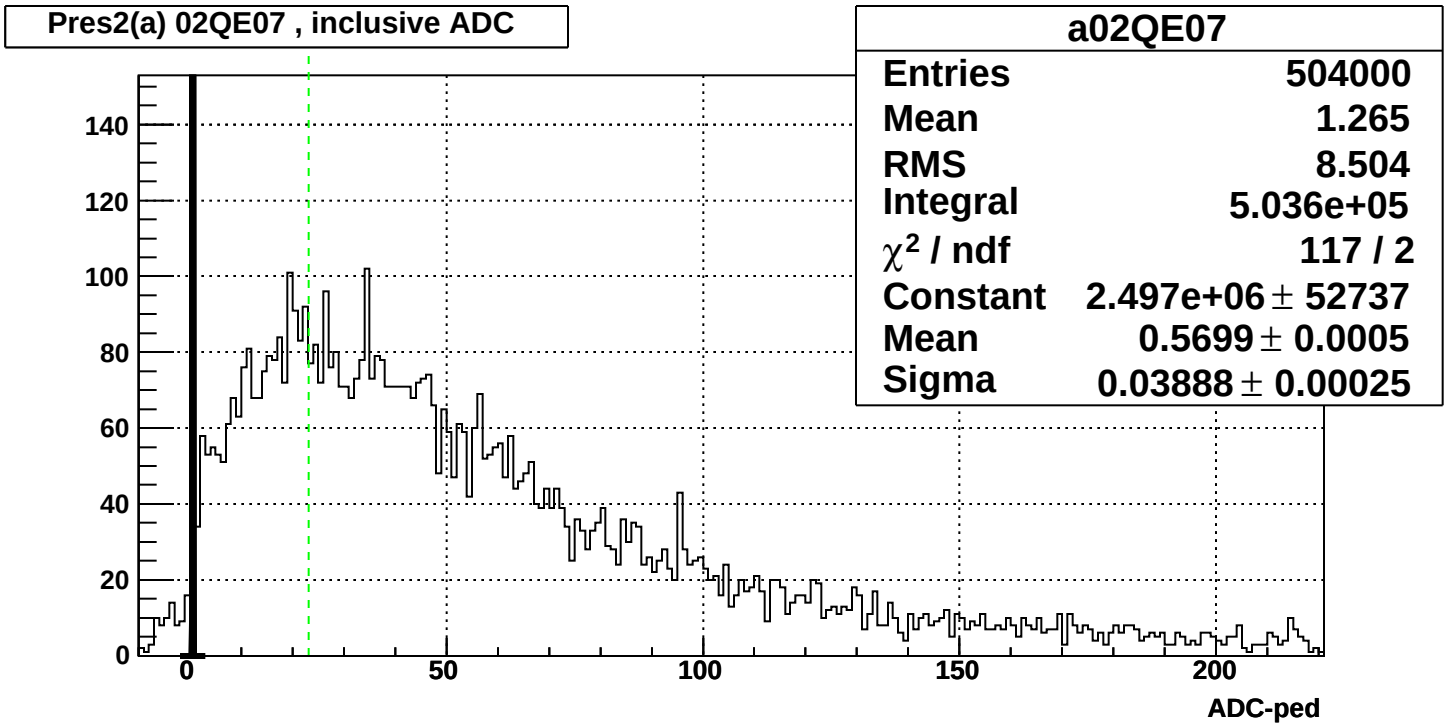

Pres2(d) 02QB07 , ADC, tag: UxV 2*thr
d02QB07
Entries 88
Mean 39.18
RMS 26.17
Integral 88
χ² / ndf 15.77 / 18
ampl-G 2.106 ± 1.470
const-L 35.19 ± 5.85
MPV-L 28.58 ± 2.94
sig-L 9.96 ± 1.68
ADC-ped

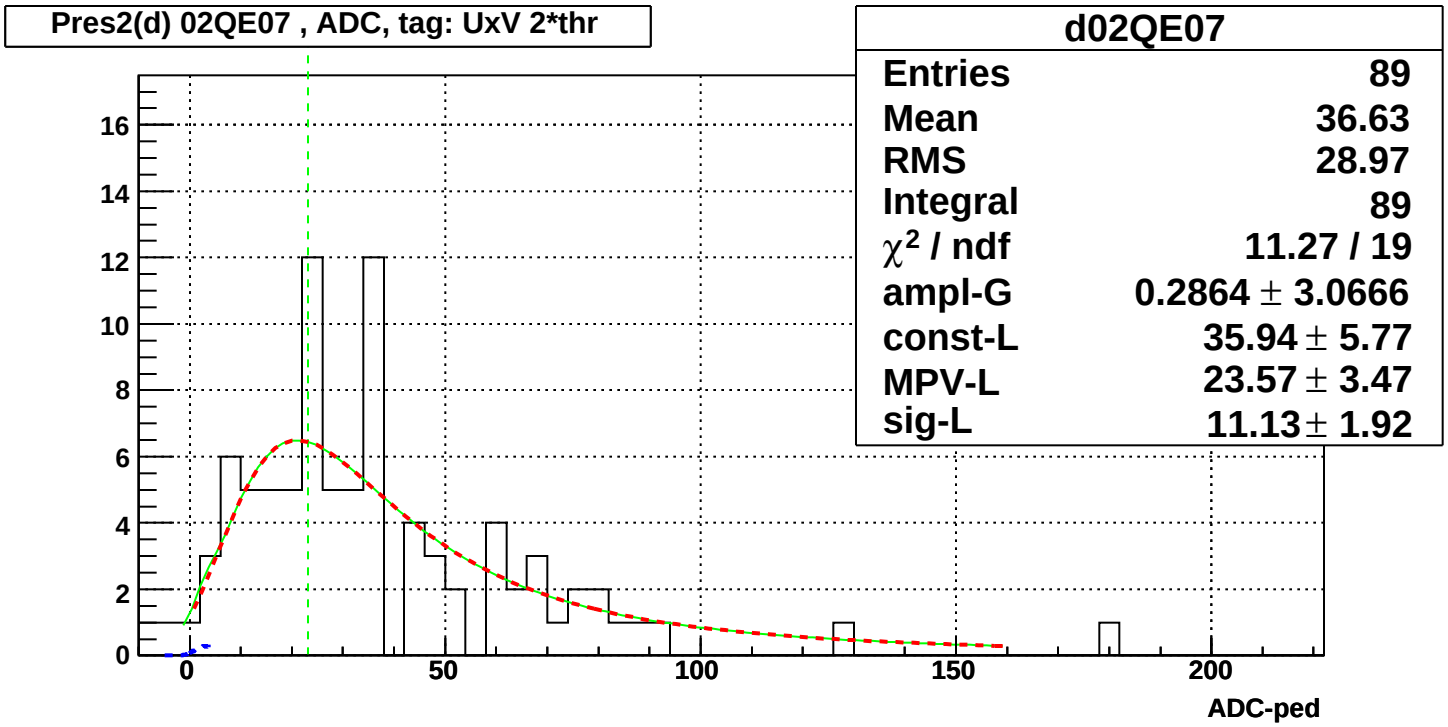

Pres2(a) 02QC07 , inclusive ADC
a02QC07
Entries 504000
Mean 1.277
RMS 8.658
Integral 5.036e+05
χ² / ndf 141 / 2
Constant 2.089e+06 ± 44134
Mean 0.5718 ± 0.0005
Sigma 0.04235 ± 0.00031
ADC-ped

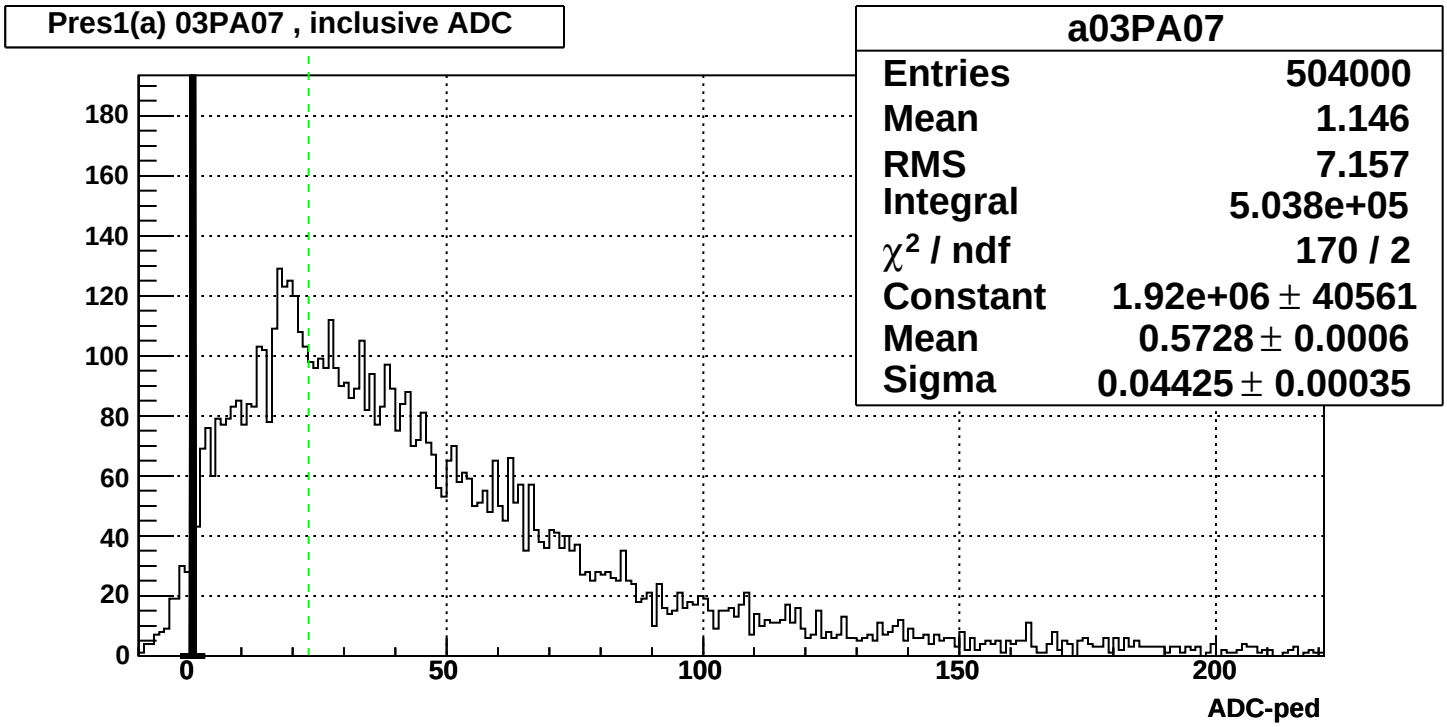

Pres2(d) 02QC07 , ADC, tag: UxV 2*thr
d02QC07
Entries 79
Mean 36.2
RMS 26.84
Integral 79
χ² / ndf 15.77 / 21
ampl-G 3.692 ± 2.534
const-L 33.97 ± 8.82
MPV-L 21± 2.4
sig-L 7.994 ± 2.443
ADC-ped

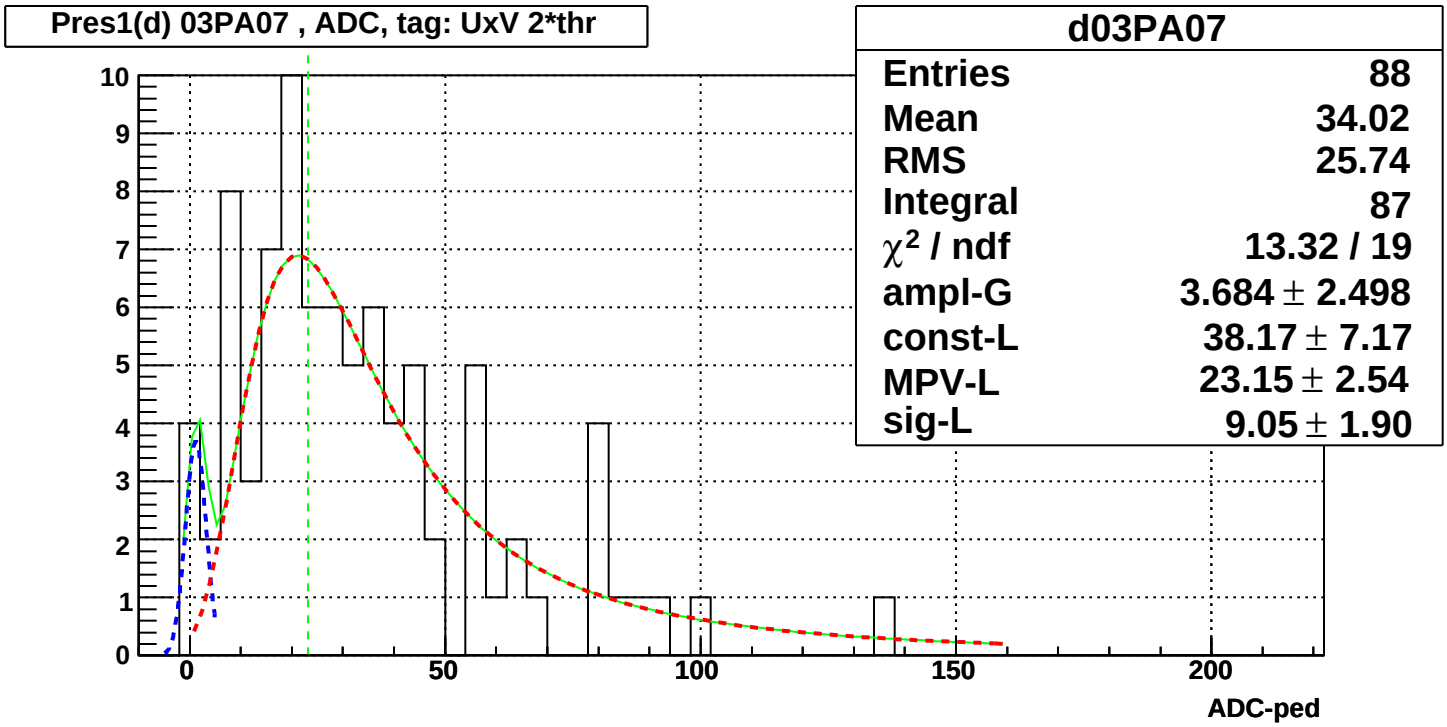

Pres2(a) 02QD07 , inclusive ADC
a02QD07
Entries 504000
Mean 1.293
RMS 8.646
Integral 5.036e+05
χ² / ndf 132 / 2
Constant 2.42e+06 ± 51122
Mean 0.5701 ± 0.0005
Sigma 0.03941 ± 0.00026
ADC-ped

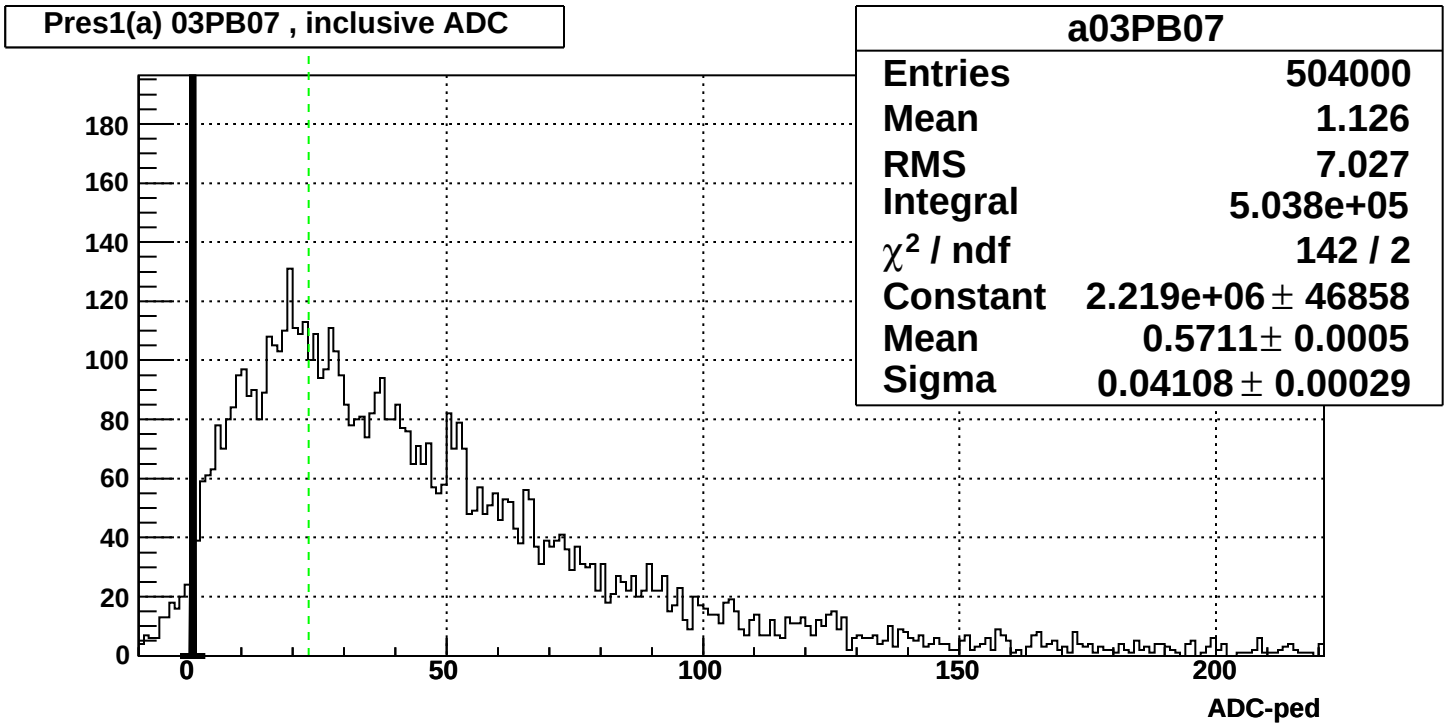

Pres2(d) 02QD07 , ADC, tag: UxV 2*thr
d02QD07
Entries 92
Mean 33.65
RMS 25.93
Integral 92
χ² / ndf 10.48 / 19
ampl-G -6.103 ± 6.093
const-L 58.49 ± 67.49
MPV-L 0.8027 ± 39.5853
sig-L 11.01 ± 2.56
ADC-ped

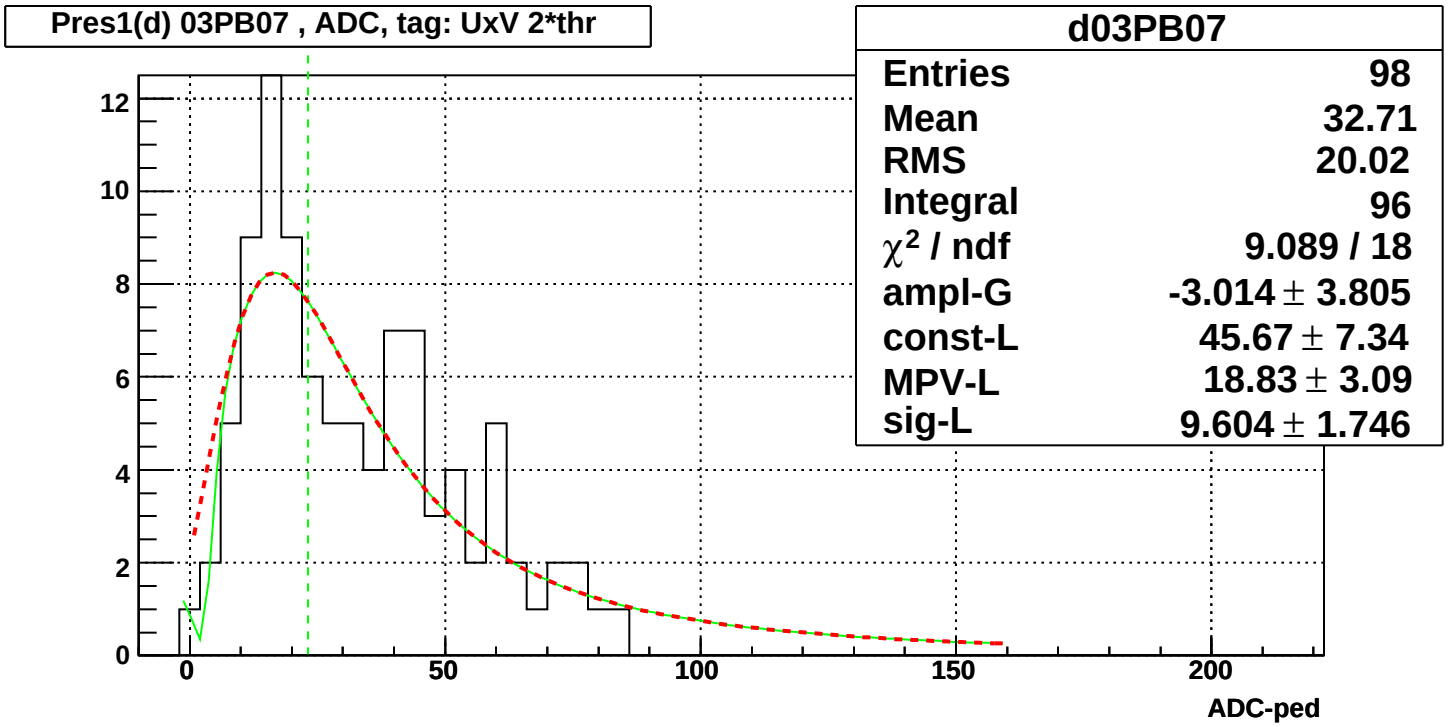

Pres2(a) 02QE07 , inclusive ADC
a02QE07
Entries 504000
Mean 1.265
RMS 8.504
Integral 5.036e+05
χ² / ndf 117 / 2
Constant 2.497e+06 ± 52737
Mean 0.5699 ± 0.0005
Sigma 0.03888 ± 0.00025
ADC-ped

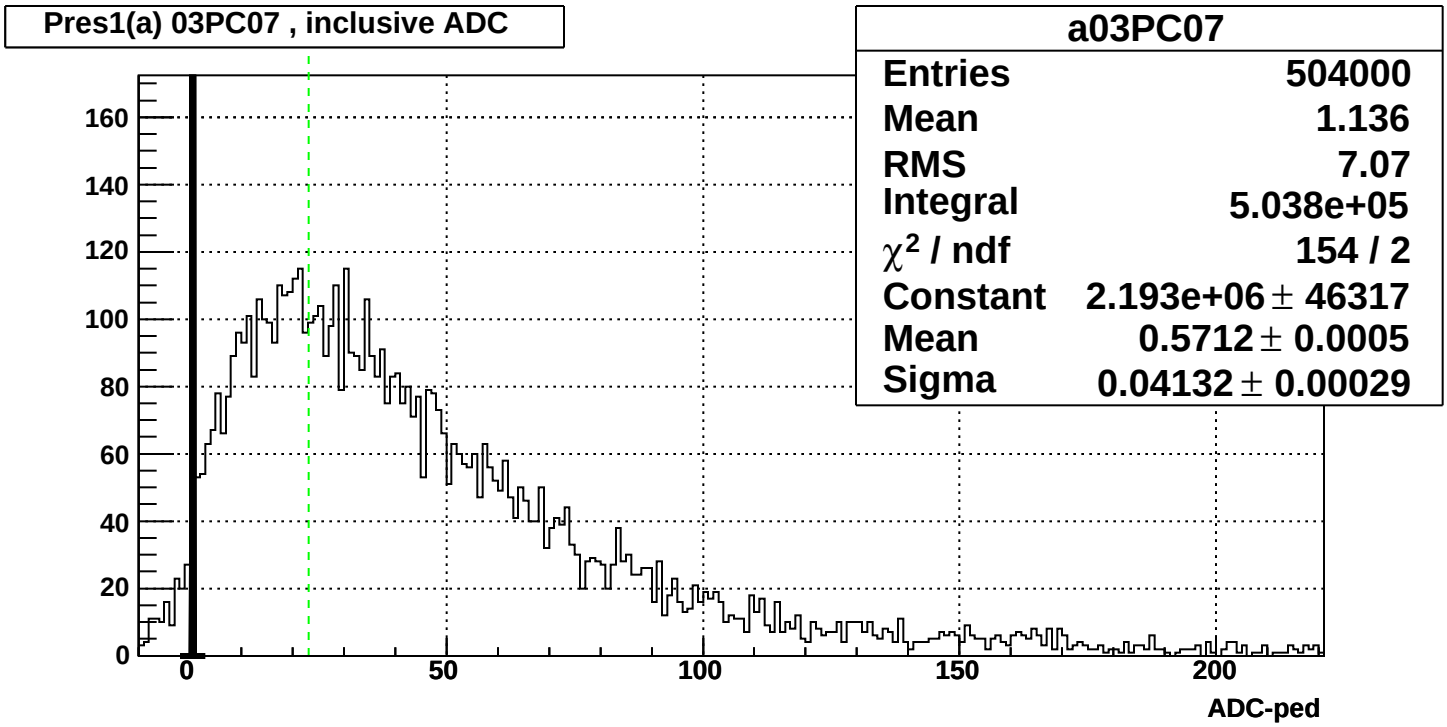

Pres2(d) 02QE07 , ADC, tag: UxV 2*thr
d02QE07
Entries 89
Mean 36.63
RMS 28.97
Integral 89
χ² / ndf 11.27 / 19
ampl-G 0.2864 ± 3.0666
const-L 35.94 ± 5.77
MPV-L 23.57 ± 3.47
sig-L 11.13 ± 1.92
ADC-ped

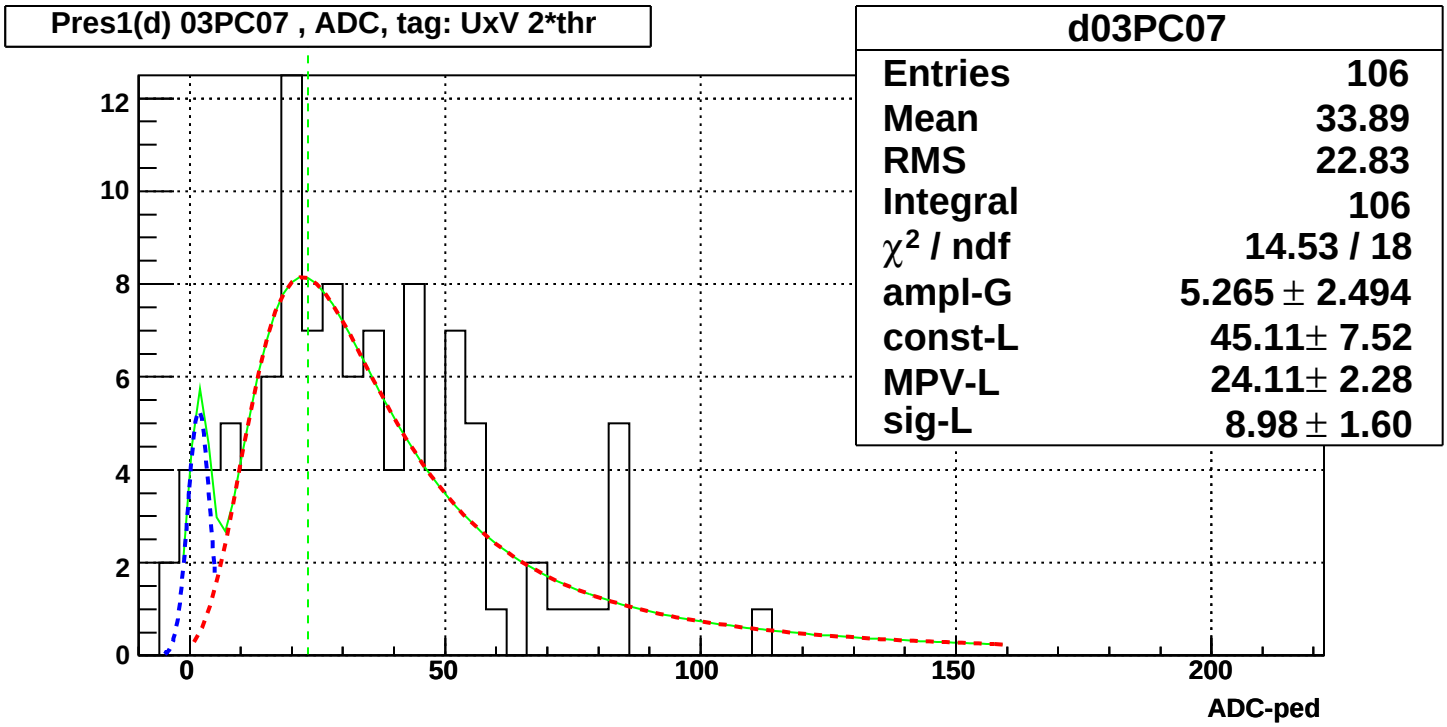

Pres1(a) 03PA07 , inclusive ADC
a03PA07
Entries 504000
Mean 1.146
RMS 7.157
Integral 5.038e+05
χ² / ndf 170 / 2
Constant 1.92e+06 ± 40561
Mean 0.5728 ± 0.0006
Sigma 0.04425 ± 0.00035
ADC-ped

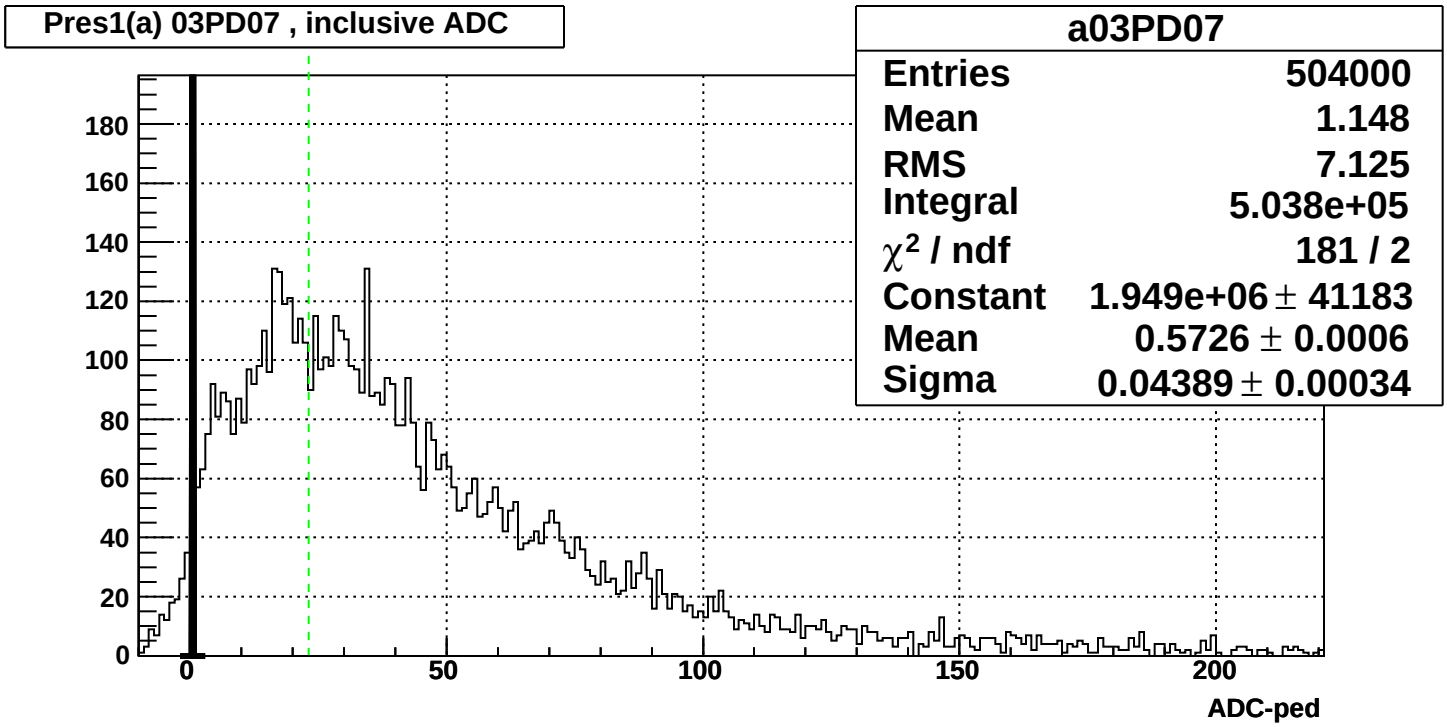

Pres1(d) 03PA07 , ADC, tag: UxV 2*thr
d03PA07
Entries 88
Mean 34.02
RMS 25.74
Integral 87
χ² / ndf 13.32 / 19
ampl-G 3.684 ± 2.498
const-L 38.17 ± 7.17
MPV-L 23.15 ± 2.54
sig-L 9.05 ± 1.90
ADC-ped

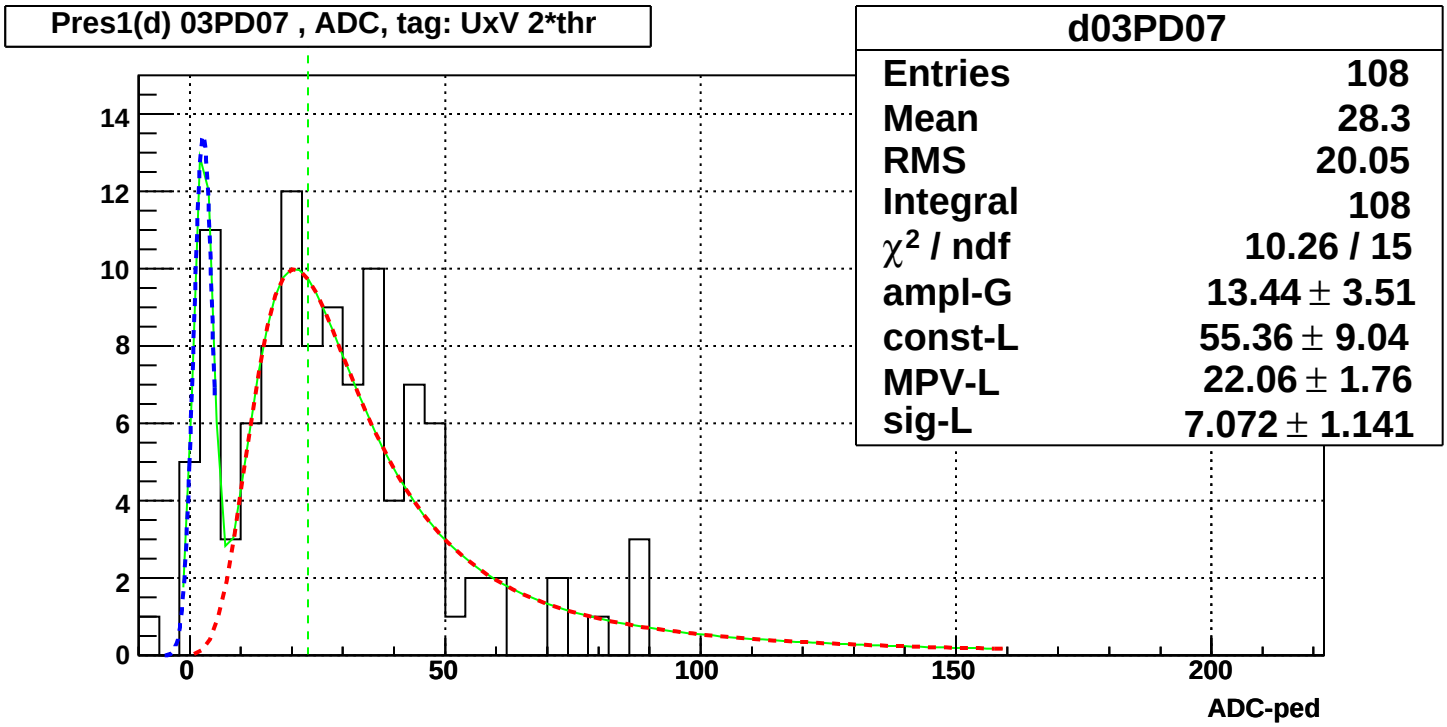

Pres1(a) 03PB07 , inclusive ADC
a03PB07
Entries 504000
Mean 1.126
RMS 7.027
Integral 5.038e+05
χ² / ndf 142 / 2
Constant 2.219e+06 ± 46858
Mean 0.5711 ± 0.0005
Sigma 0.04108 ± 0.00029
ADC-ped

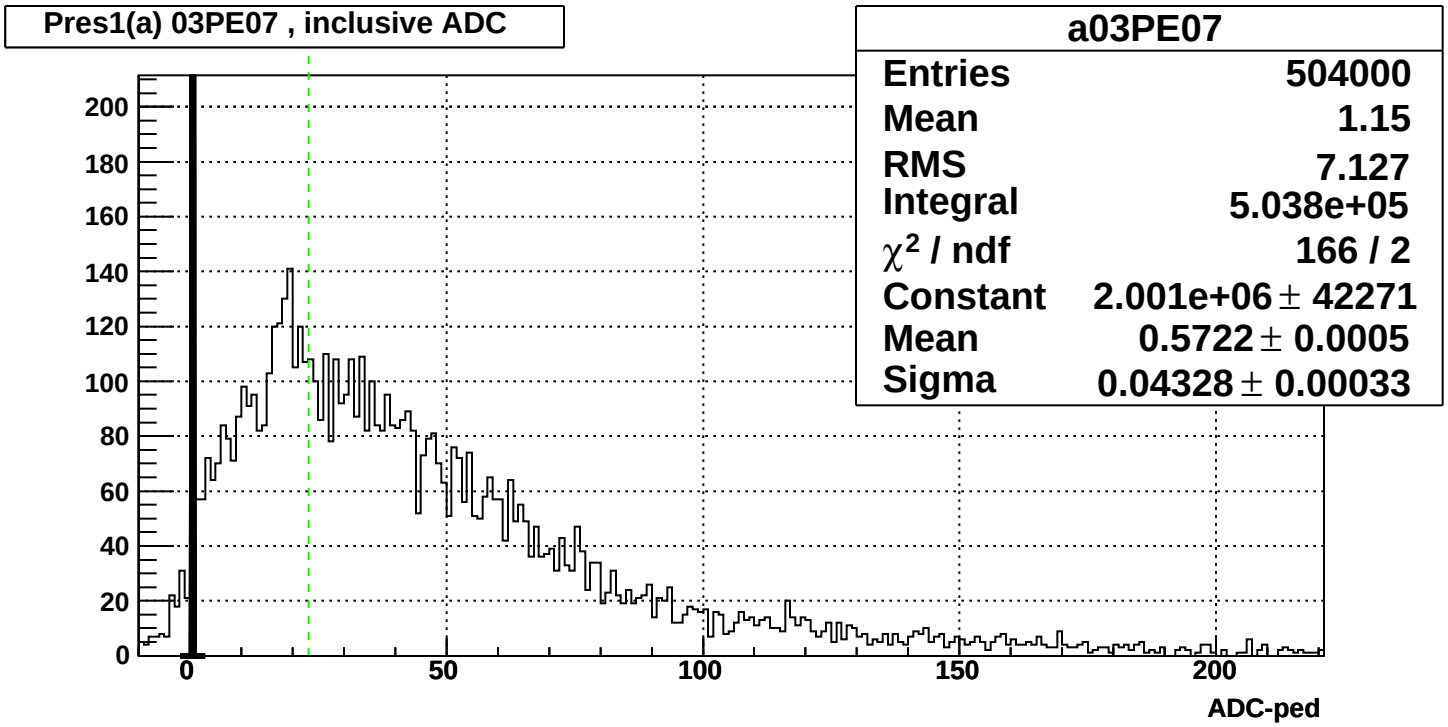

Pres1(d) 03PB07 , ADC, tag: UxV 2*thr
d03PB07
Entries 98
Mean 32.71
RMS 20.02
Integral 96
χ² / ndf 9.089 / 18
ampl-G -3.014 ± 3.805
const-L 45.67 ± 7.34
MPV-L 18.83 ± 3.09
sig-L 9.604 ± 1.746
ADC-ped

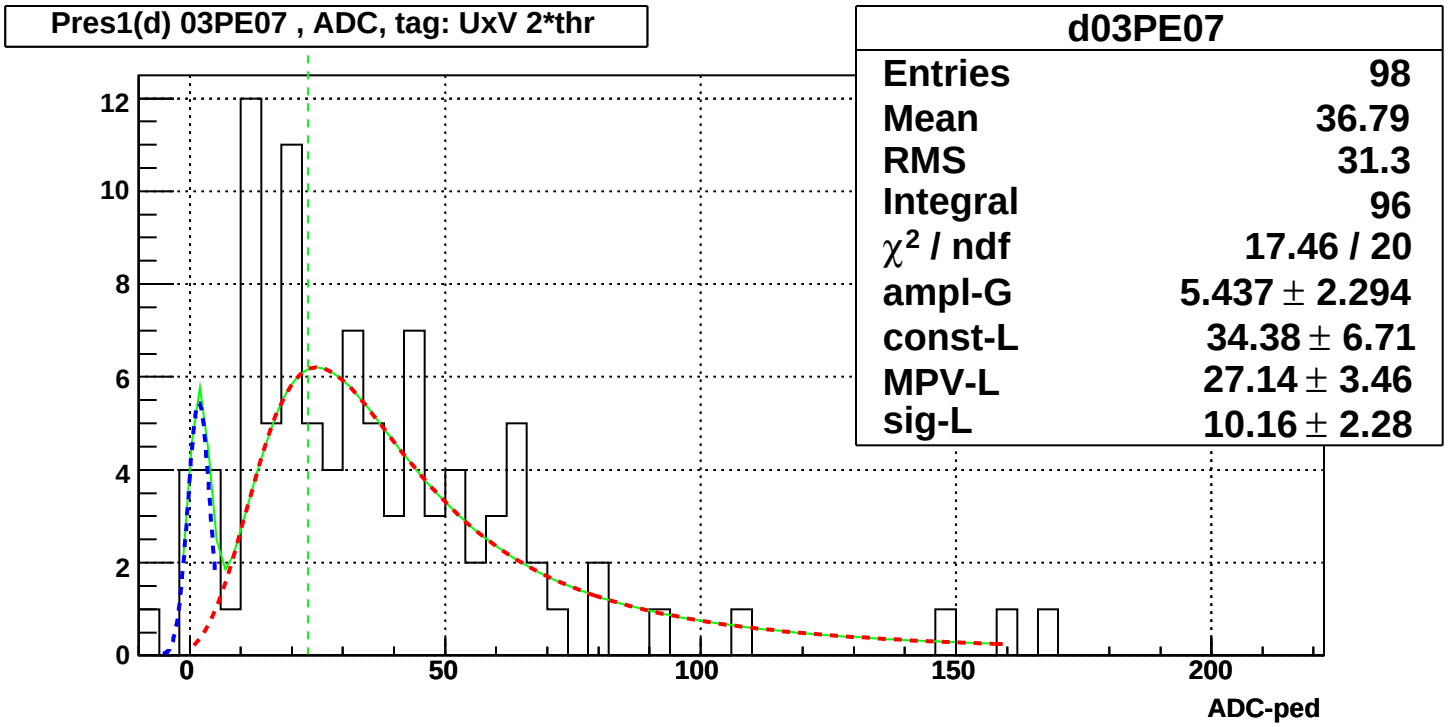

Pres1(a) 03PC07 , inclusive ADC
a03PC07
Entries 504000
Mean 1.136
RMS 7.07
Integral 5.038e+05
χ² / ndf 154 / 2
Constant 2.193e+06 ± 46317
Mean 0.5712 ± 0.0005
Sigma 0.04132 ± 0.00029
ADC-ped

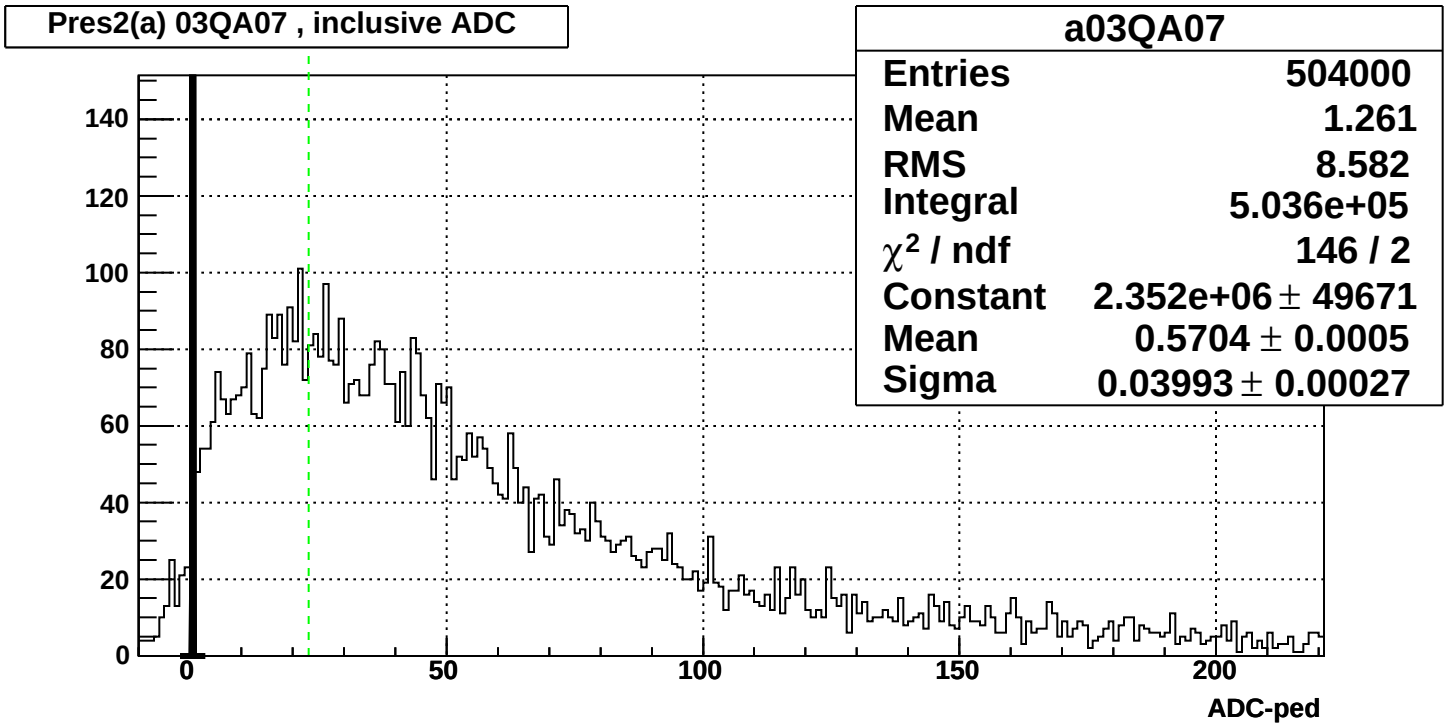

Pres1(d) 03PC07 , ADC, tag: UxV 2*thr
d03PC07
Entries 106
Mean 33.89
RMS 22.83
Integral 106
χ² / ndf 14.53 / 18
ampl-G 5.265 ± 2.494
const-L 45.11± 7.52
MPV-L 24.11± 2.28
sig-L 8.98 ± 1.60
ADC-ped

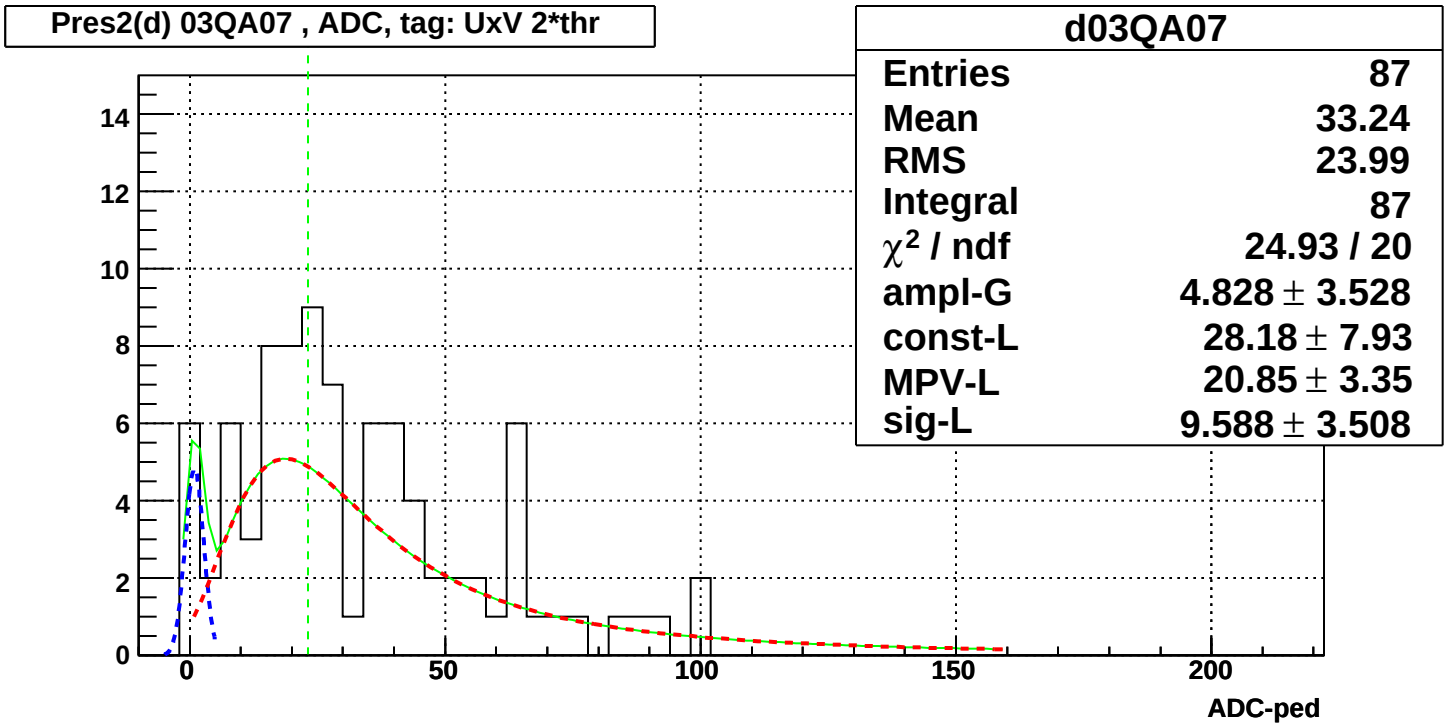

Pres1(a) 03PD07 , inclusive ADC
a03PD07
Entries 504000
Mean 1.148
RMS 7.125
Integral 5.038e+05
χ² / ndf 181 / 2
Constant 1.949e+06 ± 41183
Mean 0.5726 ± 0.0006
Sigma 0.04389 ± 0.00034
ADC-ped

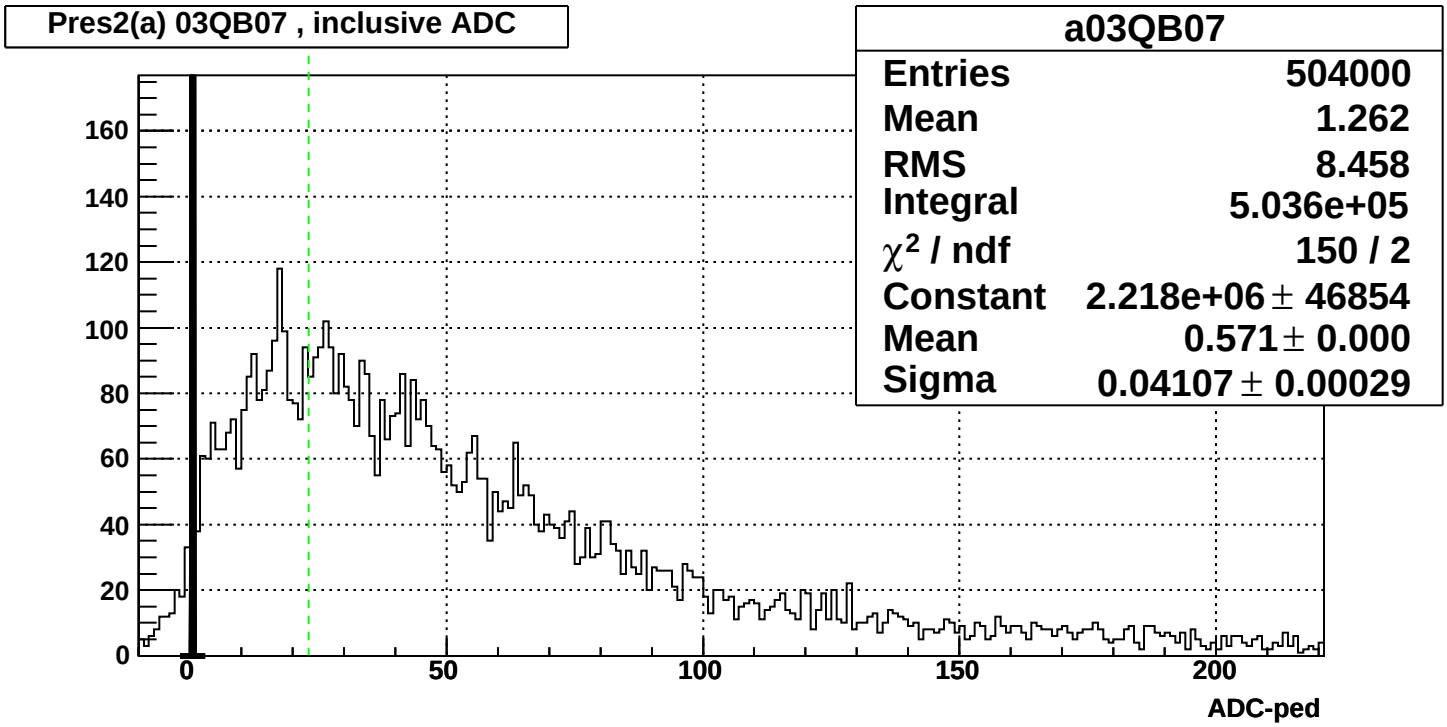

Pres1(d) 03PD07 , ADC, tag: UxV 2*thr
d03PD07
Entries 108
Mean 28.3
RMS 20.05
Integral 108
χ² / ndf 10.26 / 15
ampl-G 13.44 ± 3.51
const-L 55.36 ± 9.04
MPV-L 22.06 ± 1.76
sig-L 7.072 ± 1.141
ADC-ped

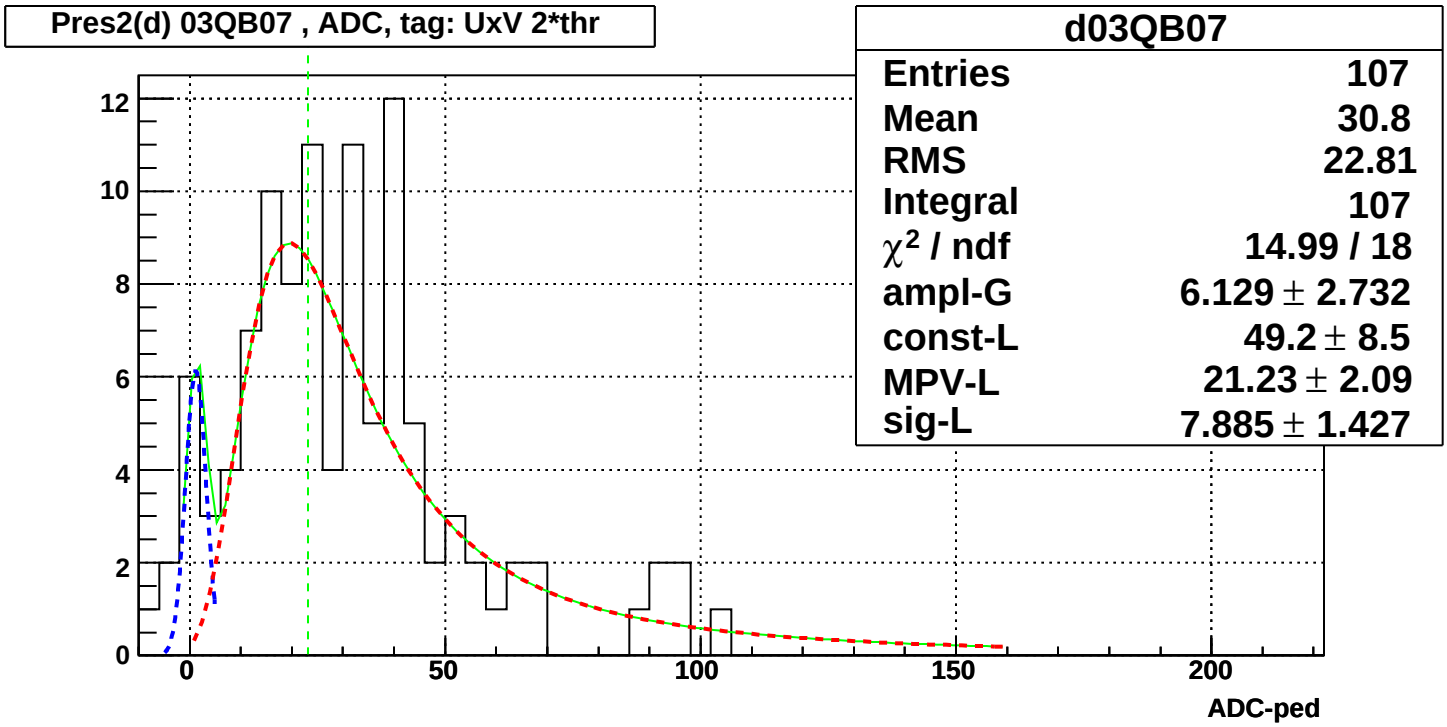

Pres1(a) 03PE07 , inclusive ADC
a03PE07
Entries 504000
Mean 1.15
RMS 7.127
Integral 5.038e+05
χ² / ndf 166 / 2
Constant 2.001e+06 ± 42271
Mean 0.5722 ± 0.0005
Sigma 0.04328 ± 0.00033
ADC-ped

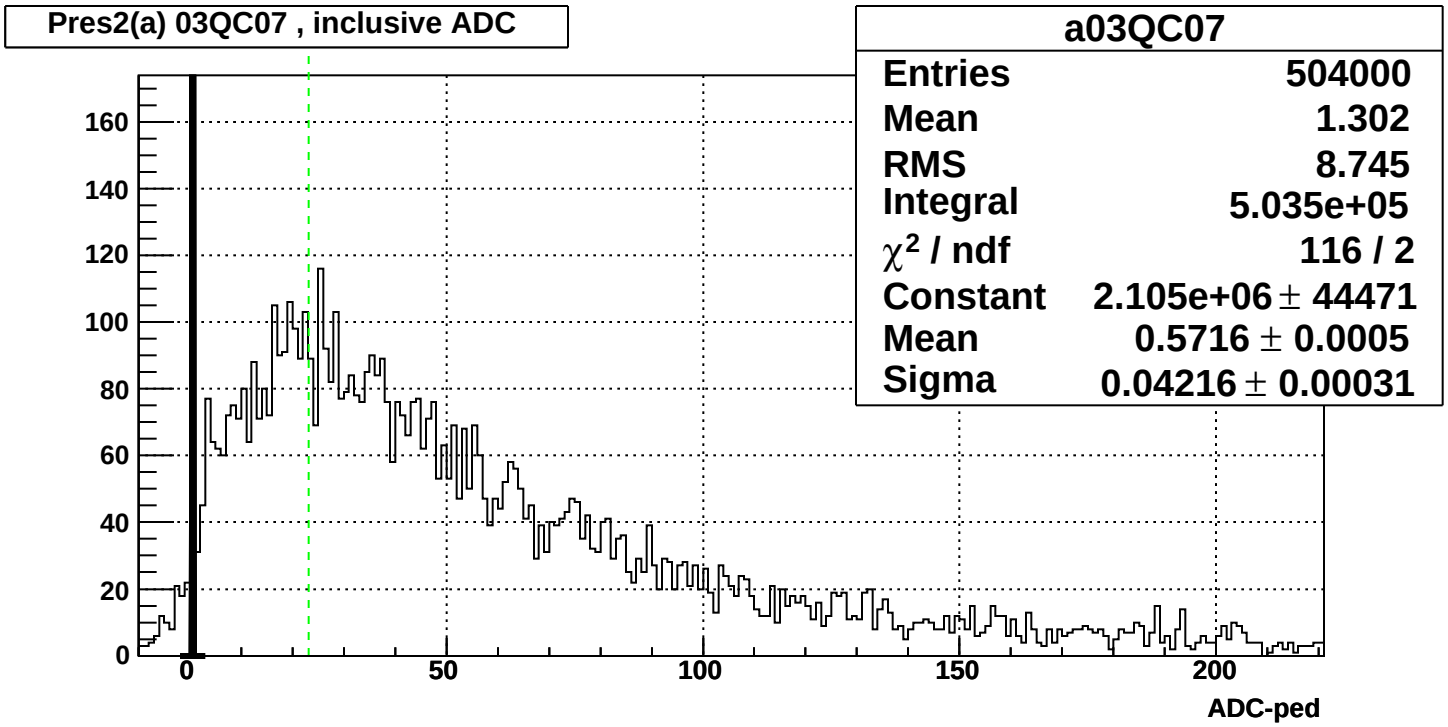

Pres1(d) 03PE07 , ADC, tag: UxV 2*thr
d03PE07
Entries 98
Mean 36.79
RMS 31.3
Integral 96
χ² / ndf 17.46 / 20
ampl-G 5.437 ± 2.294
const-L 34.38 ± 6.71
MPV-L 27.14 ± 3.46
sig-L 10.16 ± 2.28
ADC-ped

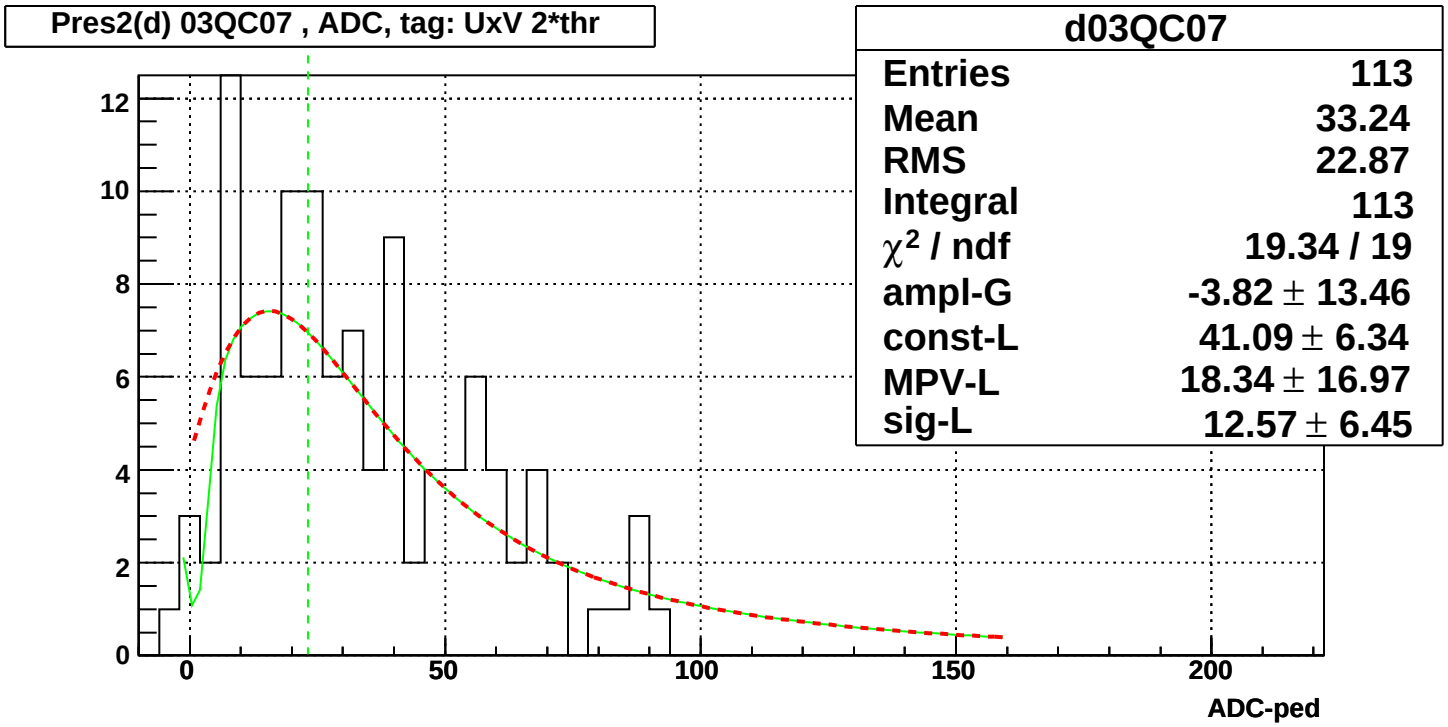

Pres2(a) 03QA07 , inclusive ADC
a03QA07
Entries 504000
Mean 1.261
RMS 8.582
Integral 5.036e+05
χ² / ndf 146 / 2
Constant 2.352e+06 ± 49671
Mean 0.5704 ± 0.0005
Sigma 0.03993 ± 0.00027
0
20
40
60
80
100
120
140
0
50
100
150
200
ADC-ped

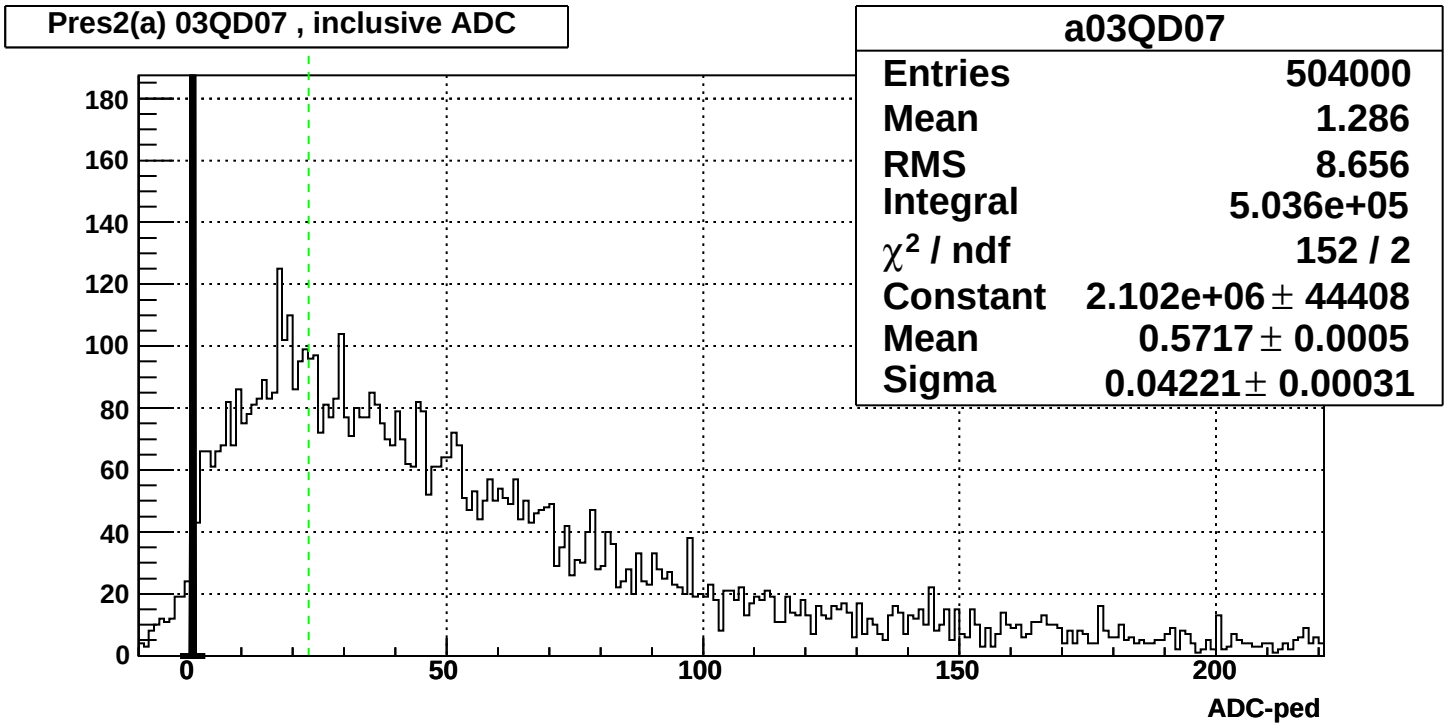

Pres2(d) 03QA07 , ADC, tag: UxV 2*thr
d03QA07
Entries 87
Mean 33.24
RMS 23.99
Integral 87
χ² / ndf 24.93 / 20
ampl-G 4.828 ± 3.528
const-L 28.18 ± 7.93
MPV-L 20.85 ± 3.35
sig-L 9.588 ± 3.508
0
2
4
6
8
10
12
14
0
50
100
150
200
ADC-ped

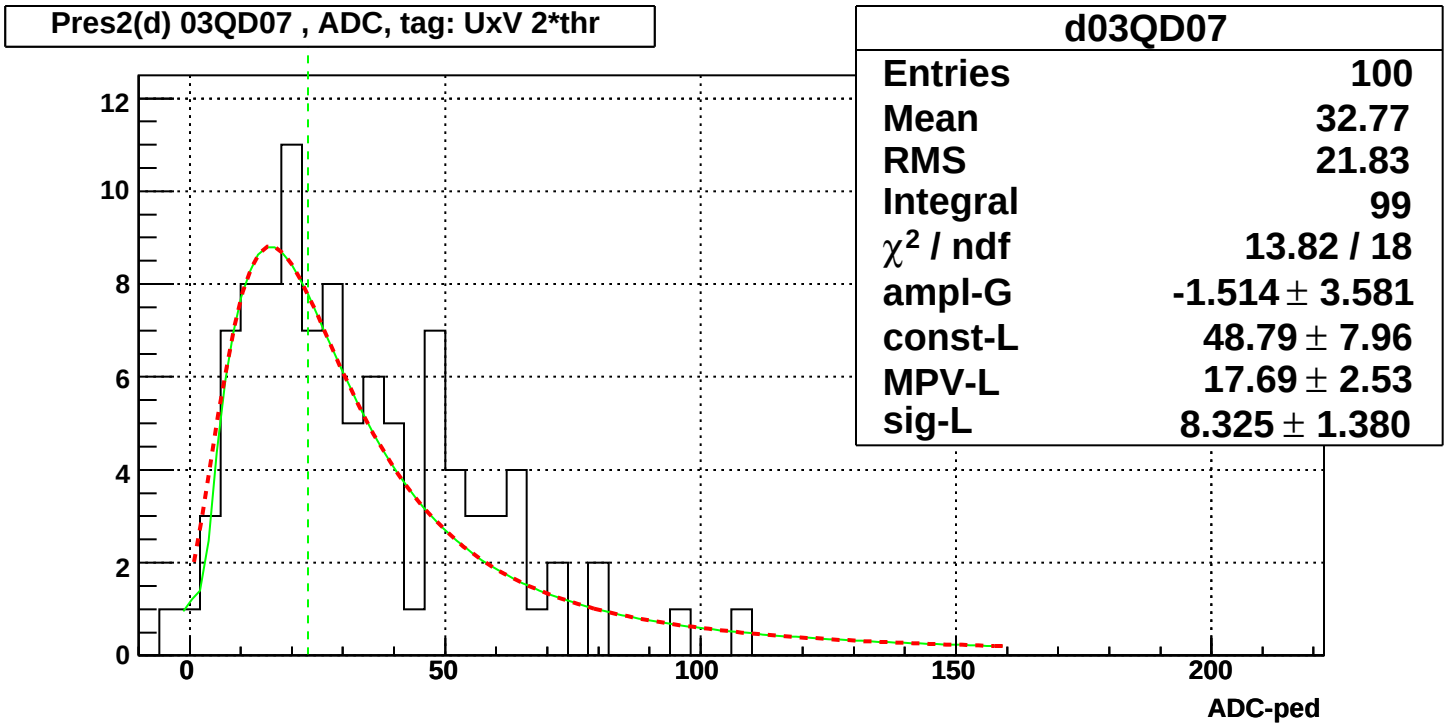

Pres2(a) 03QB07 , inclusive ADC
a03QB07
Entries 504000
Mean 1.262
RMS 8.458
Integral 5.036e+05
χ² / ndf 150 / 2
Constant 2.218e+06 ± 46854
Mean 0.571 ± 0.000
Sigma 0.04107 ± 0.00029
ADC-ped

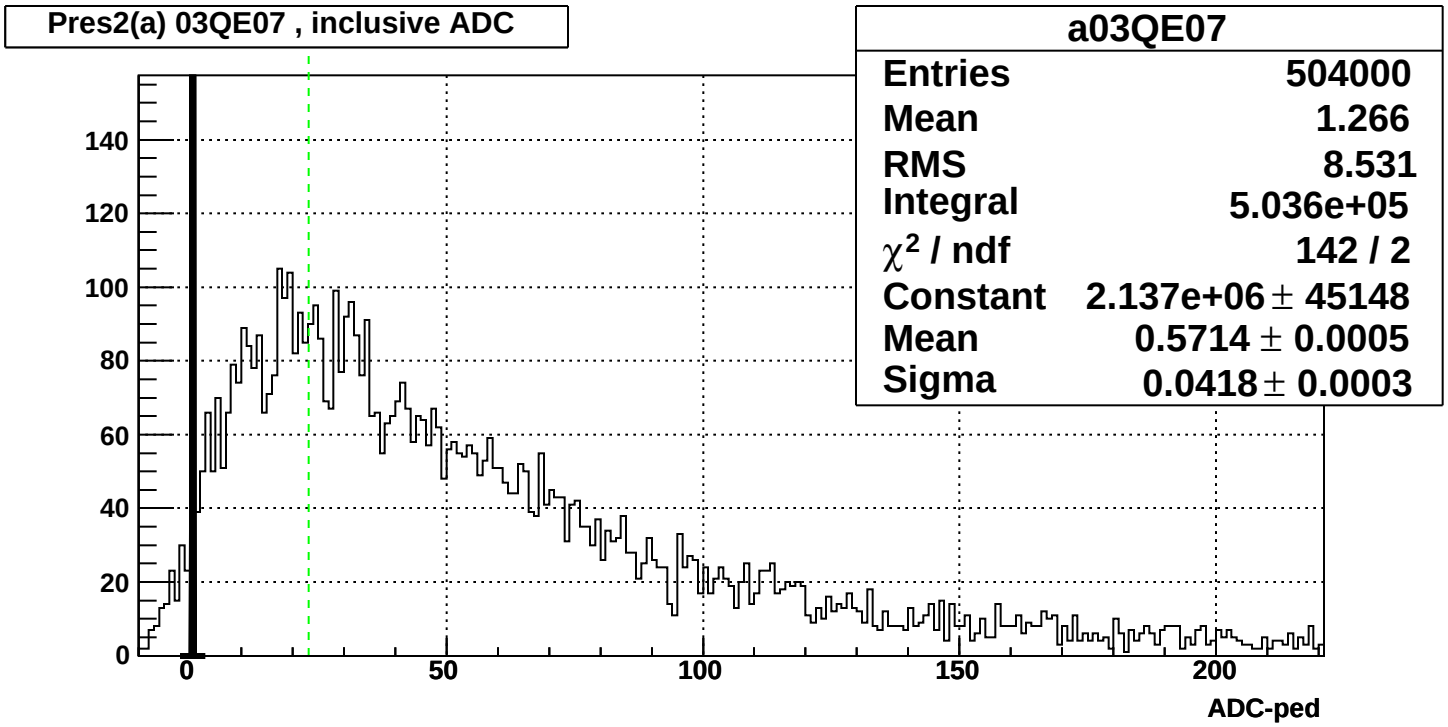

Pres2(d) 03QB07 , ADC, tag: UxV 2*thr
d03QB07
Entries 107
Mean 30.8
RMS 22.81
Integral 107
χ² / ndf 14.99 / 18
ampl-G 6.129 ± 2.732
const-L 49.2 ± 8.5
MPV-L 21.23 ± 2.09
sig-L 7.885 ± 1.427
ADC-ped

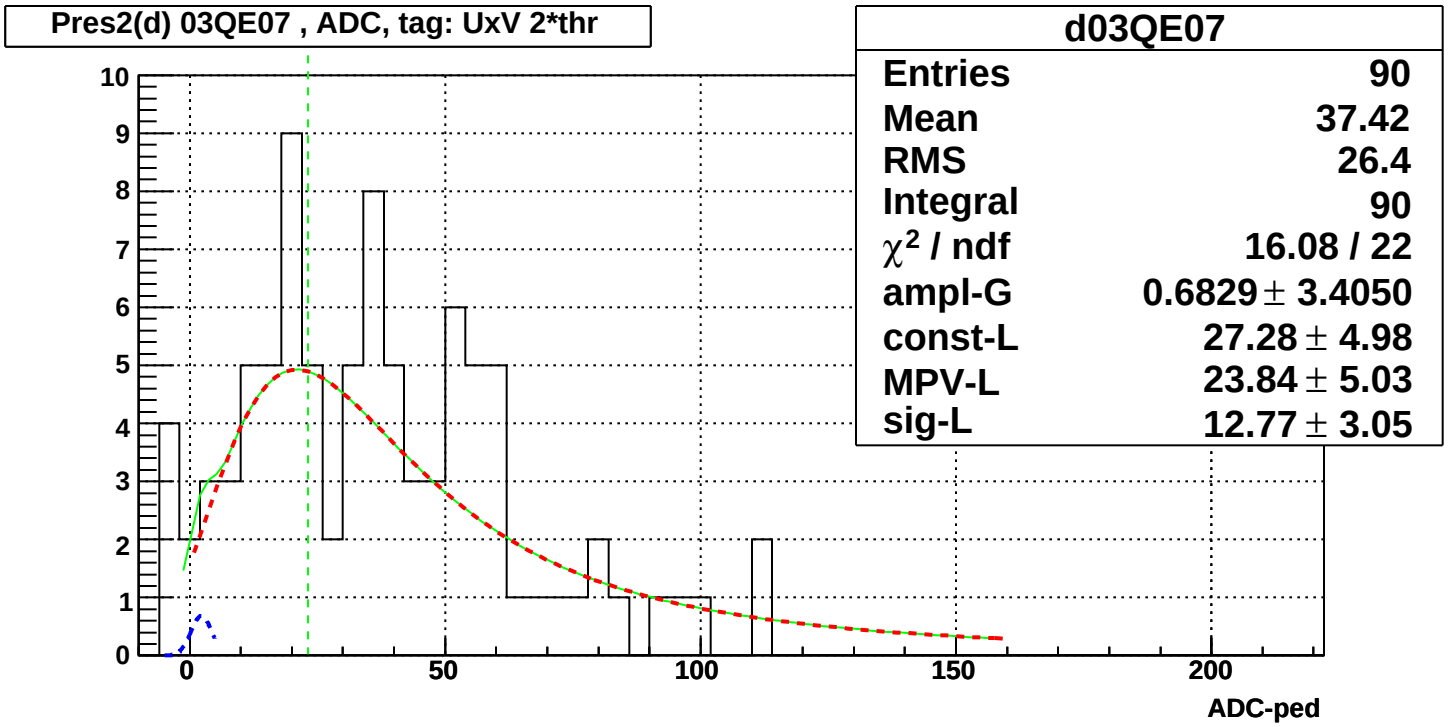

Pres2(a) 03QC07 , inclusive ADC
a03QC07
Entries 504000
Mean 1.302
RMS 8.745
Integral 5.035e+05
χ² / ndf 116 / 2
Constant 2.105e+06 ± 44471
Mean 0.5716 ± 0.0005
Sigma 0.04216 ± 0.00031
ADC-ped

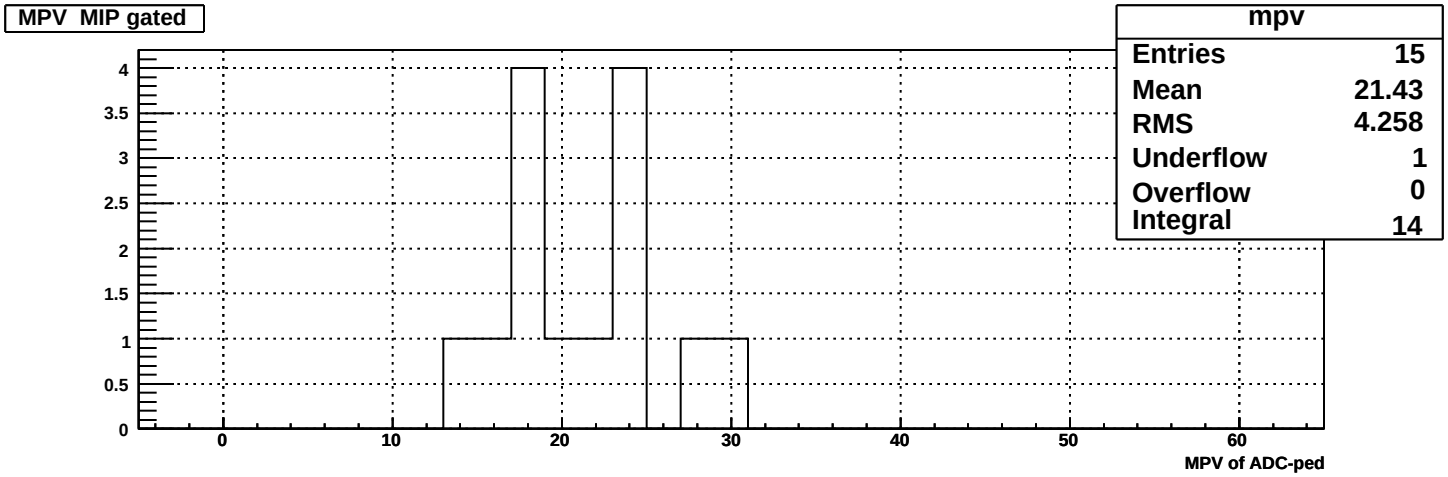

Pres2(d) 03QC07 , ADC, tag: UxV 2*thr
d03QC07
Entries 113
Mean 33.24
RMS 22.87
Integral 113
χ² / ndf 19.34 / 19
ampl-G -3.82 ± 13.46
const-L 41.09 ± 6.34
MPV-L 18.34 ± 16.97
sig-L 12.57 ± 6.45
ADC-ped

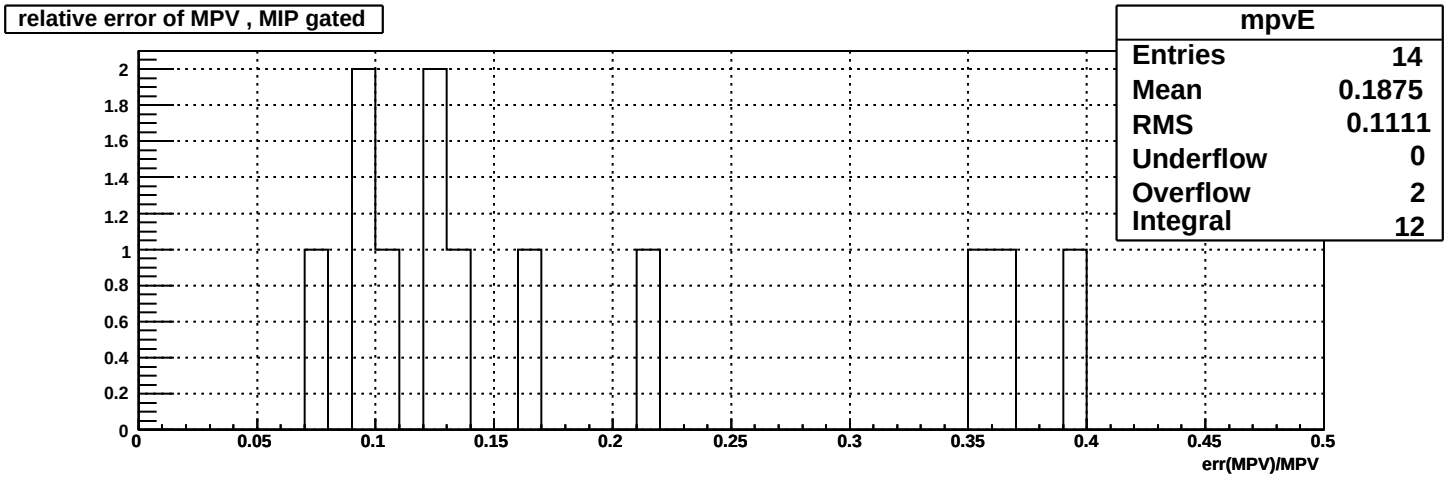

Pres2(a) 03QD07 , inclusive ADC
a03QD07
Entries 504000
Mean 1.286
RMS 8.656
Integral 5.036e+05
χ² / ndf 152 / 2
Constant 2.102e+06 ± 44408
Mean 0.5717 ± 0.0005
Sigma 0.04221 ± 0.00031
ADC-ped

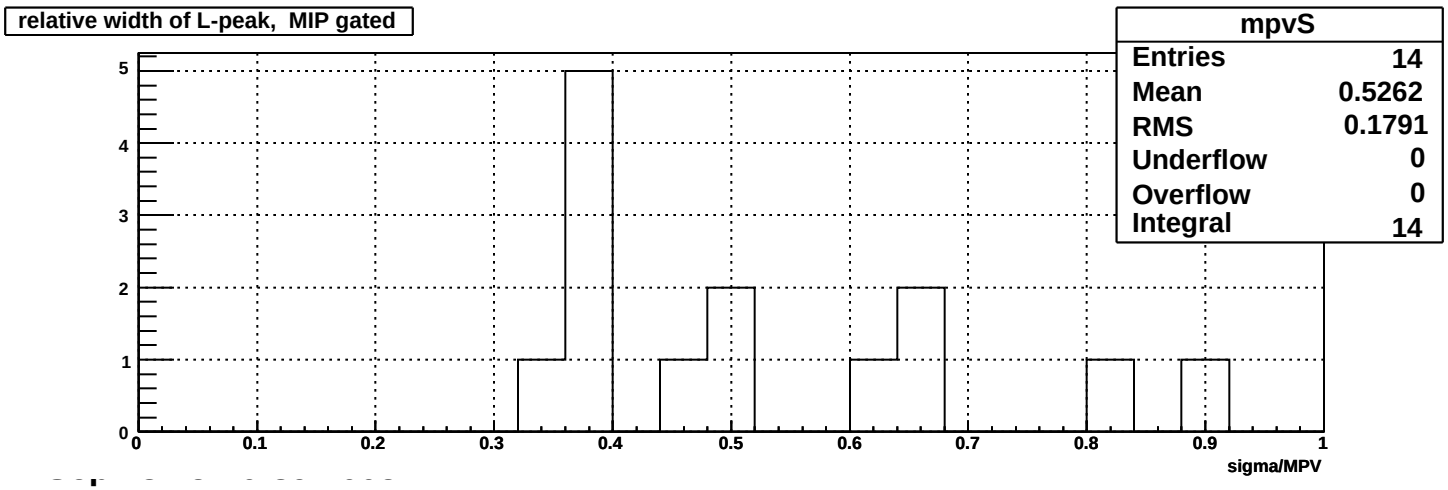

Pres2(d) 03QD07 , ADC, tag: UxV 2*thr
d03QD07
Entries 100
Mean 32.77
RMS 21.83
Integral 99
χ² / ndf 13.82 / 18
ampl-G -1.514 ± 3.581
const-L 48.79 ± 7.96
MPV-L 17.69 ± 2.53
sig-L 8.325 ± 1.380
ADC-ped


Pres2(a) 03QE07 , inclusive ADC
a03QE07
Entries 504000
Mean 1.266
RMS 8.531
Integral 5.036e+05
χ² / ndf 142 / 2
Constant 2.137e+06 ± 45148
Mean 0.5714 ± 0.0005
Sigma 0.0418 ± 0.0003
ADC-ped


Pres2(d) 03QE07 , ADC, tag: UxV 2*thr
d03QE07
Entries 90
Mean 37.42
RMS 26.4
Integral 90
χ² / ndf 16.08 / 22
ampl-G 0.6829 ± 3.4050
const-L 27.28 ± 4.98
MPV-L 23.84 ± 5.03
sig-L 12.77 ± 3.05
ADC-ped


MPV MIP gated
mpv
Entries 15
Mean 21.43
RMS 4.258
Underflow 1
Overflow 0
Integral 14
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 14
Mean 0.1875
RMS 0.1111
Underflow 0
Overflow 2
Integral 12
err(MPV)/MPV


relative width of L-peak, MIP gated
mpvS
Entries 14
Mean 0.5262
RMS 0.1791
Underflow 0
Overflow 0
Integral 14
sigma/MPV