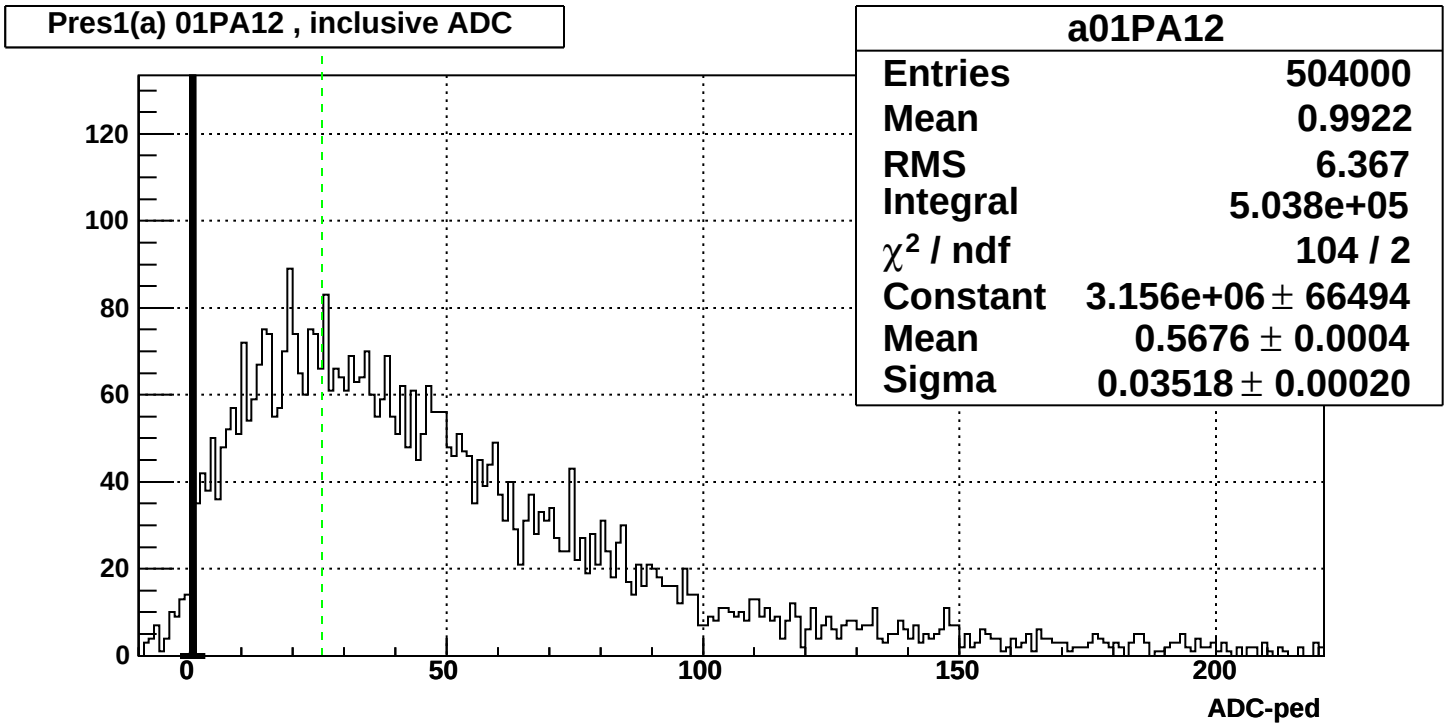
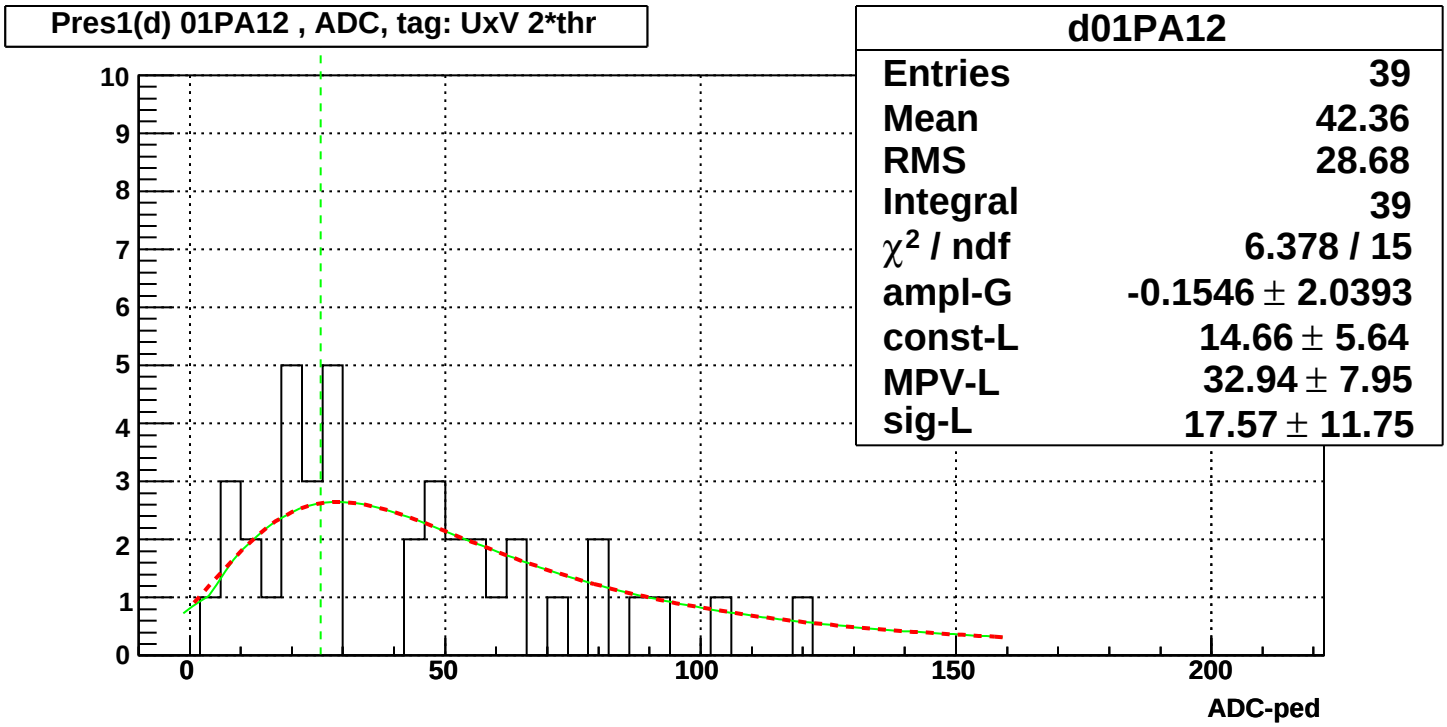
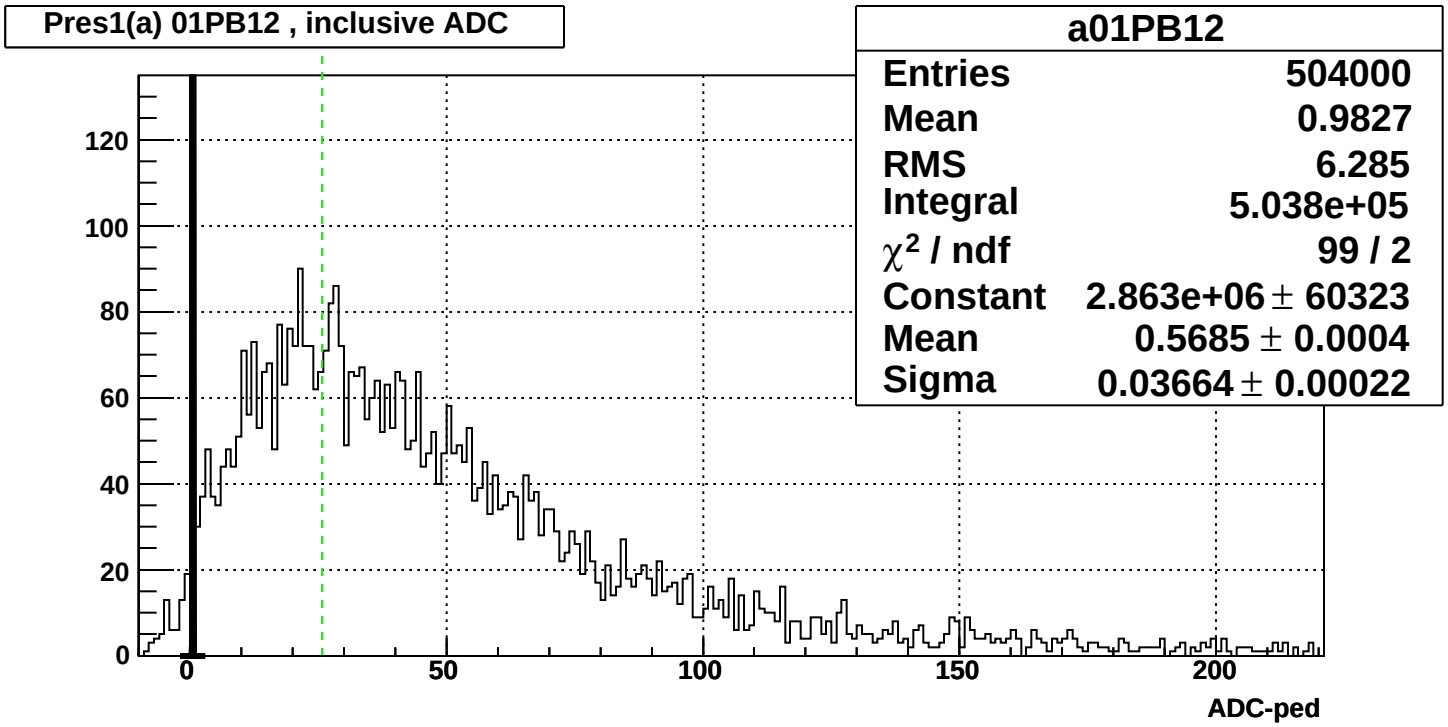
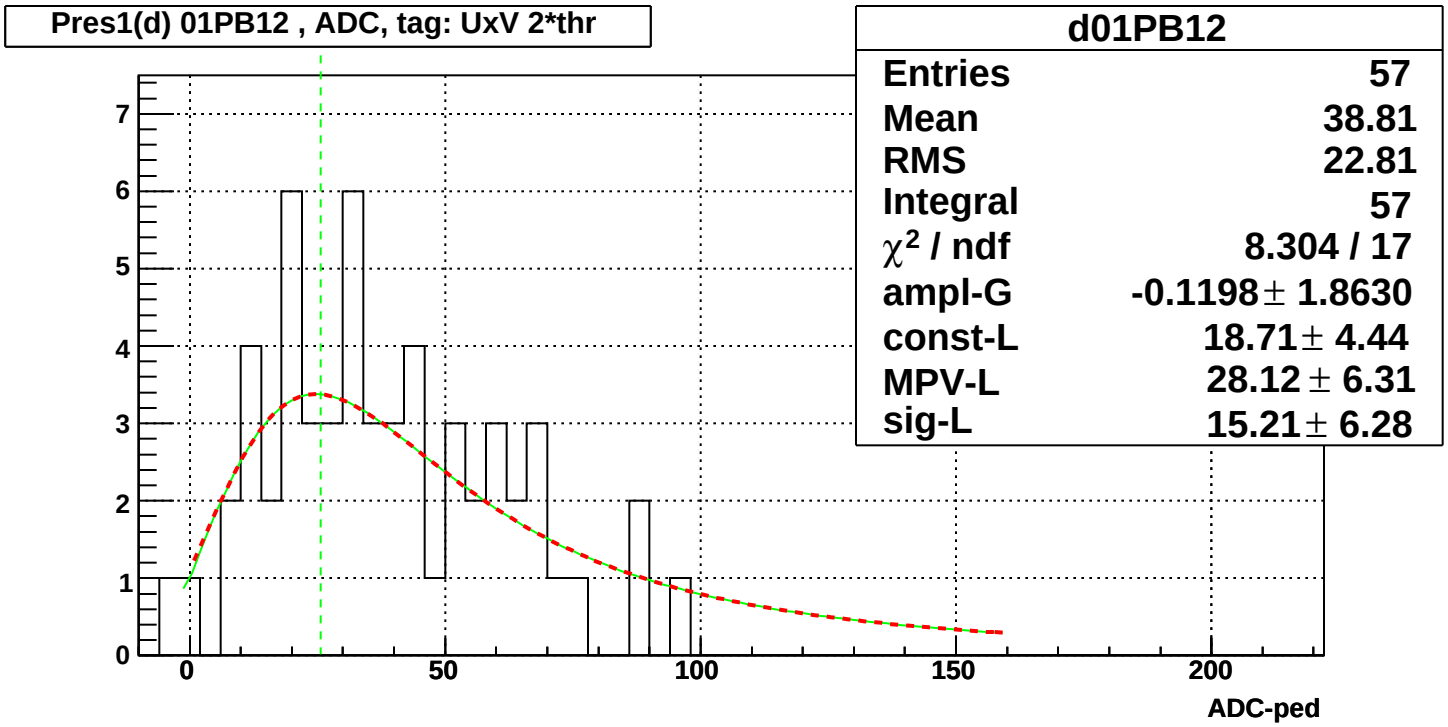
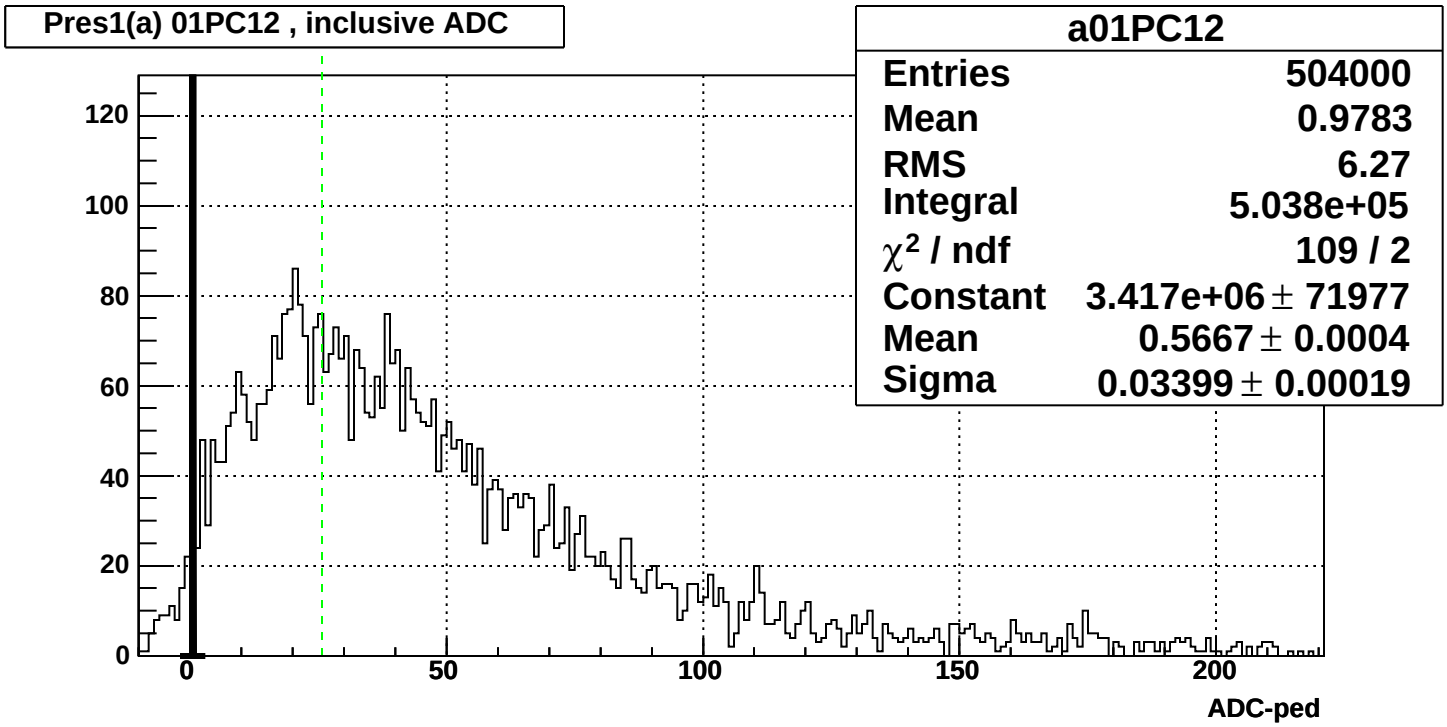
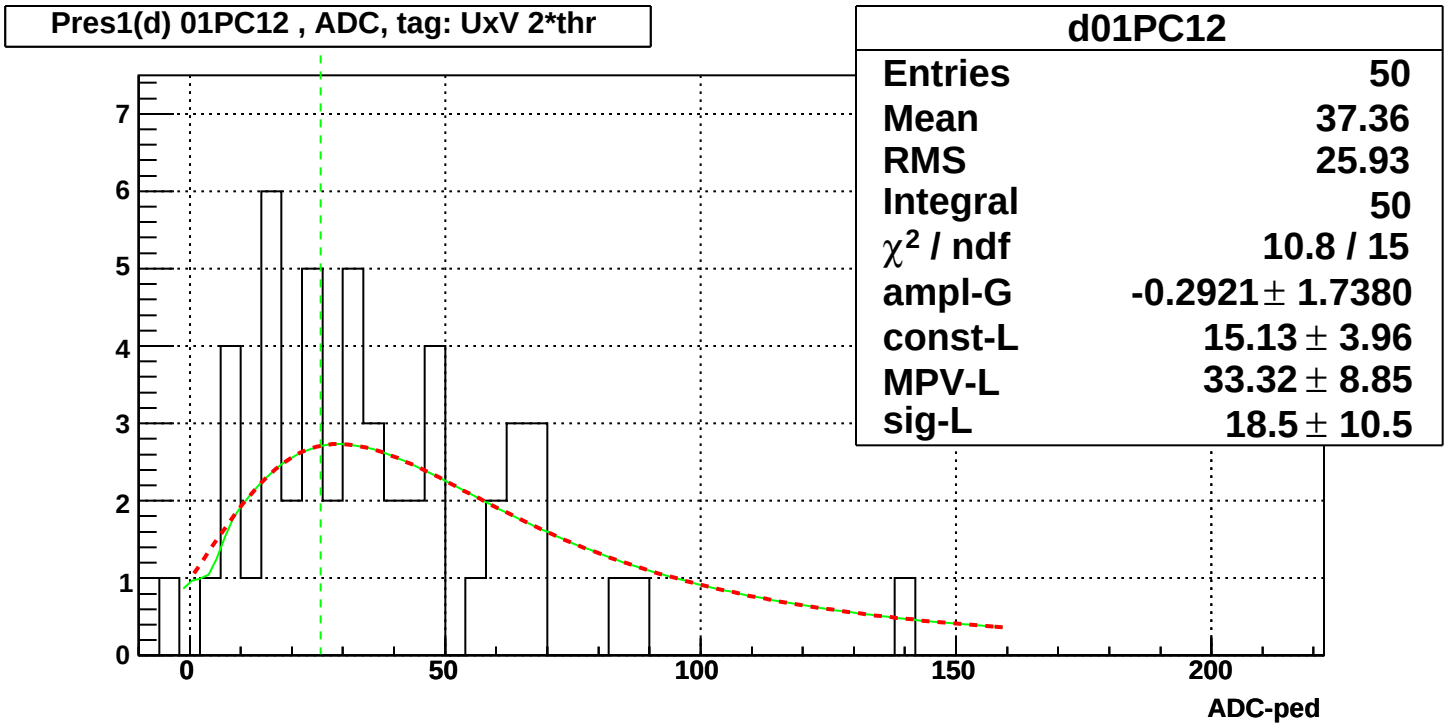

Pres1(a) 01PA12 , inclusive ADC
a01PA12
Entries 504000
Mean 0.9922
RMS 6.367
Integral 5.038e+05
χ² / ndf 104 / 2
Constant 3.156e+06 ± 66494
Mean 0.5676 ± 0.0004
Sigma 0.03518 ± 0.00020
ADC-ped

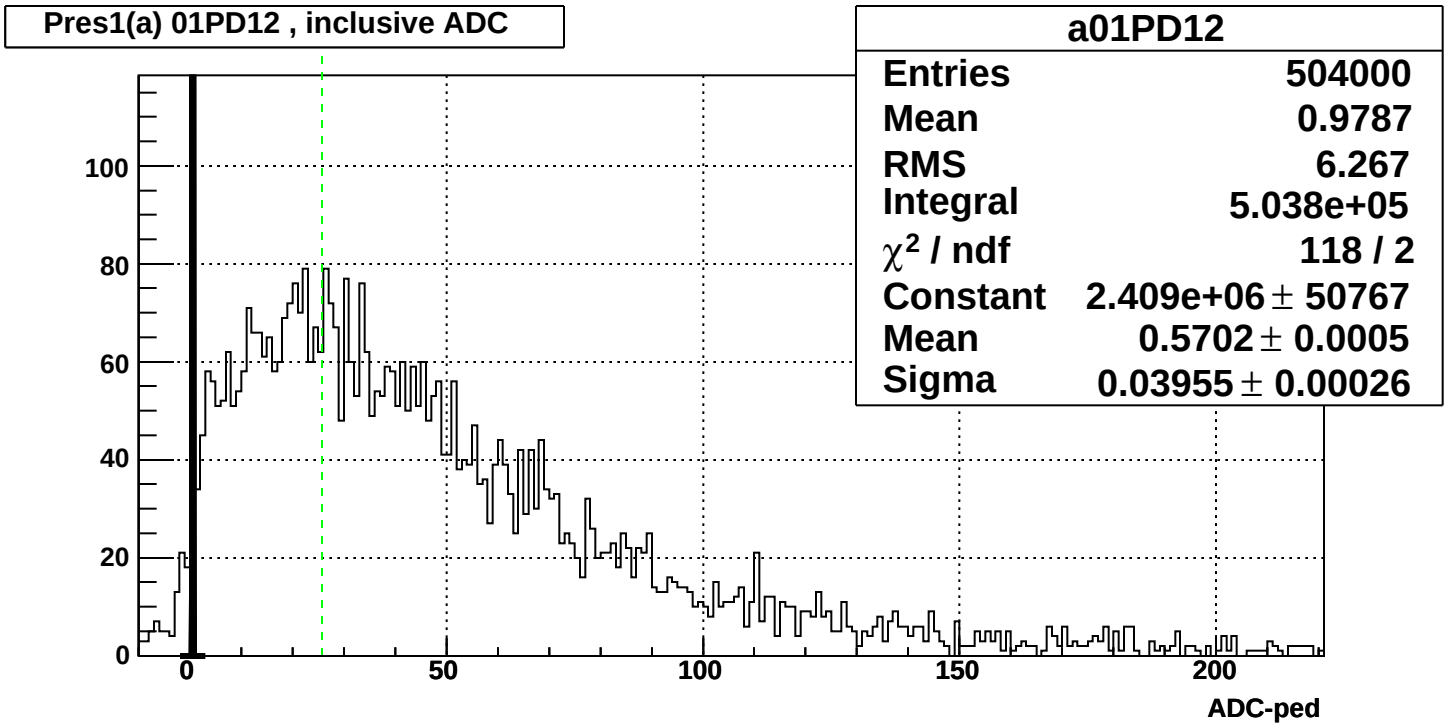

Pres1(d) 01PA12 , ADC, tag: UxV 2*thr
d01PA12
Entries 39
Mean 42.36
RMS 28.68
Integral 39
χ² / ndf 6.378 / 15
ampl-G -0.1546 ± 2.0393
const-L 14.66 ± 5.64
MPV-L 32.94 ± 7.95
sig-L 17.57 ± 11.75
ADC-ped

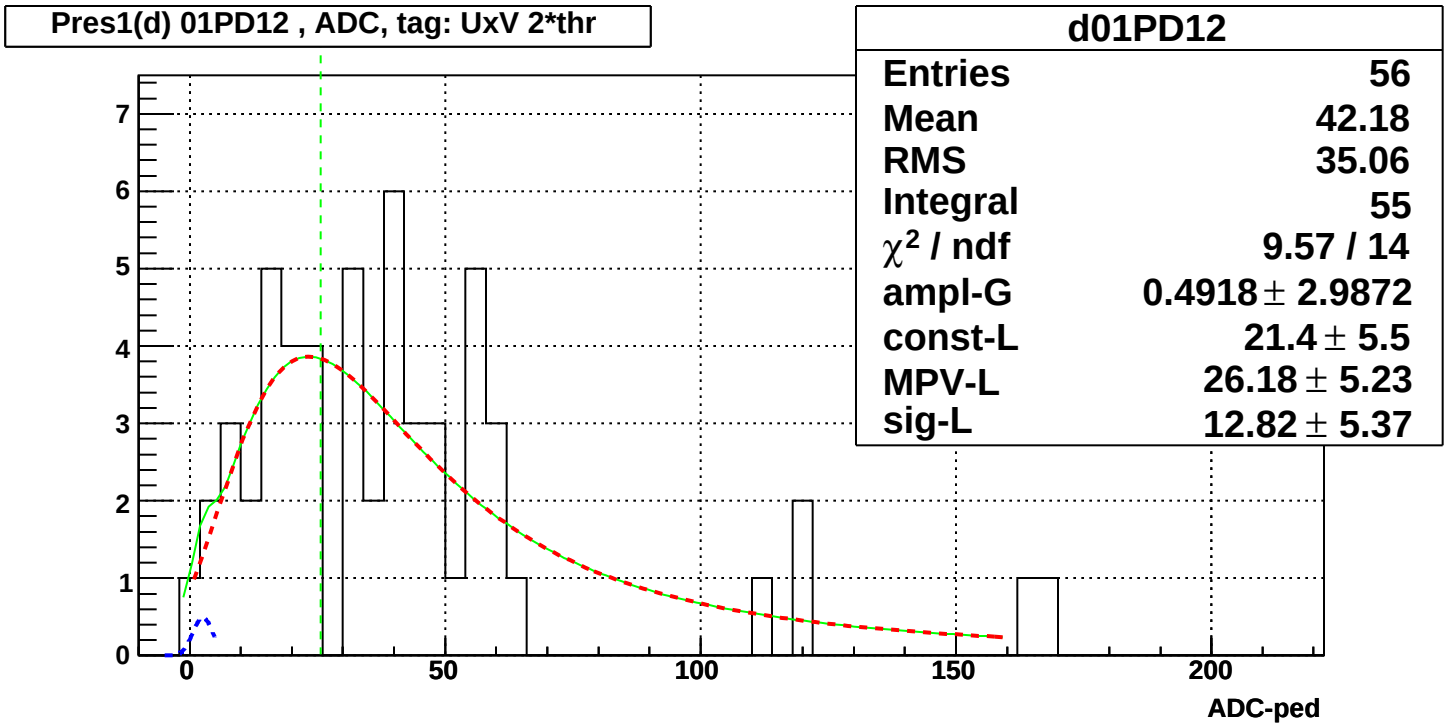

Pres1(a) 01PB12 , inclusive ADC
a01PB12
Entries 504000
Mean 0.9827
RMS 6.285
Integral 5.038e+05
χ² / ndf 99 / 2
Constant 2.863e+06 ± 60323
Mean 0.5685 ± 0.0004
Sigma 0.03664 ± 0.00022
ADC-ped

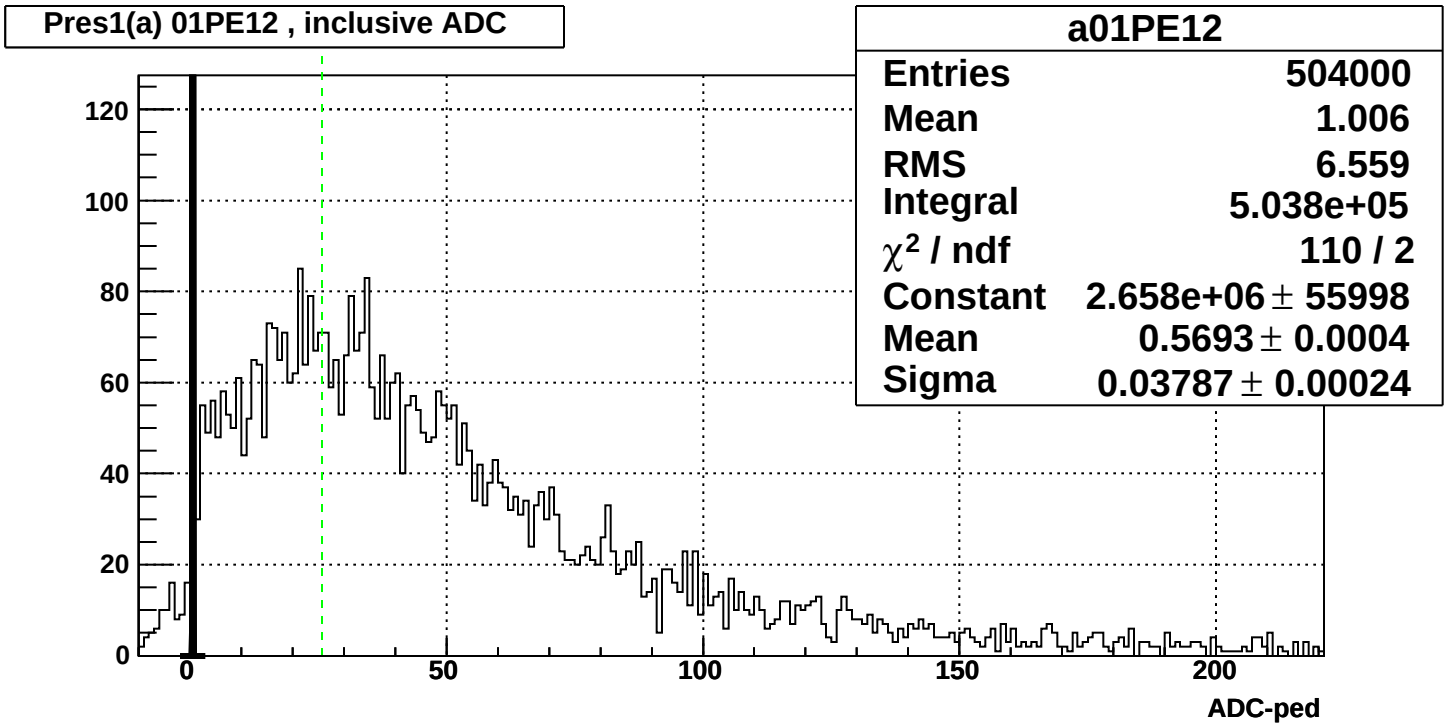

Pres1(d) 01PB12 , ADC, tag: UxV 2*thr
d01PB12
Entries 57
Mean 38.81
RMS 22.81
Integral 57
χ² / ndf 8.304 / 17
ampl-G -0.1198 ± 1.8630
const-L 18.71 ± 4.44
MPV-L 28.12 ± 6.31
sig-L 15.21 ± 6.28
ADC-ped

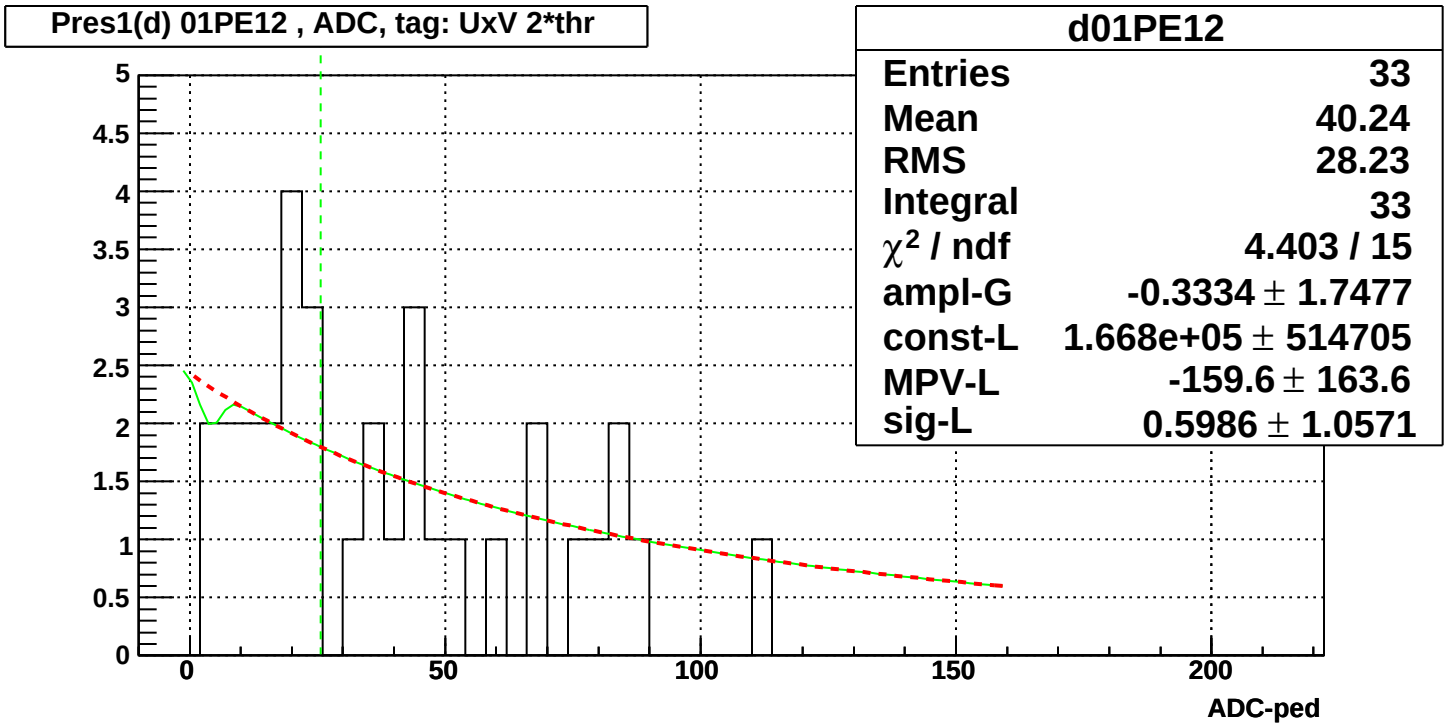

Pres1(a) 01PC12 , inclusive ADC
a01PC12
Entries 504000
Mean 0.9783
RMS 6.27
Integral 5.038e+05
χ² / ndf 109 / 2
Constant 3.417e+06 ± 71977
Mean 0.5667 ± 0.0004
Sigma 0.03399 ± 0.00019
ADC-ped

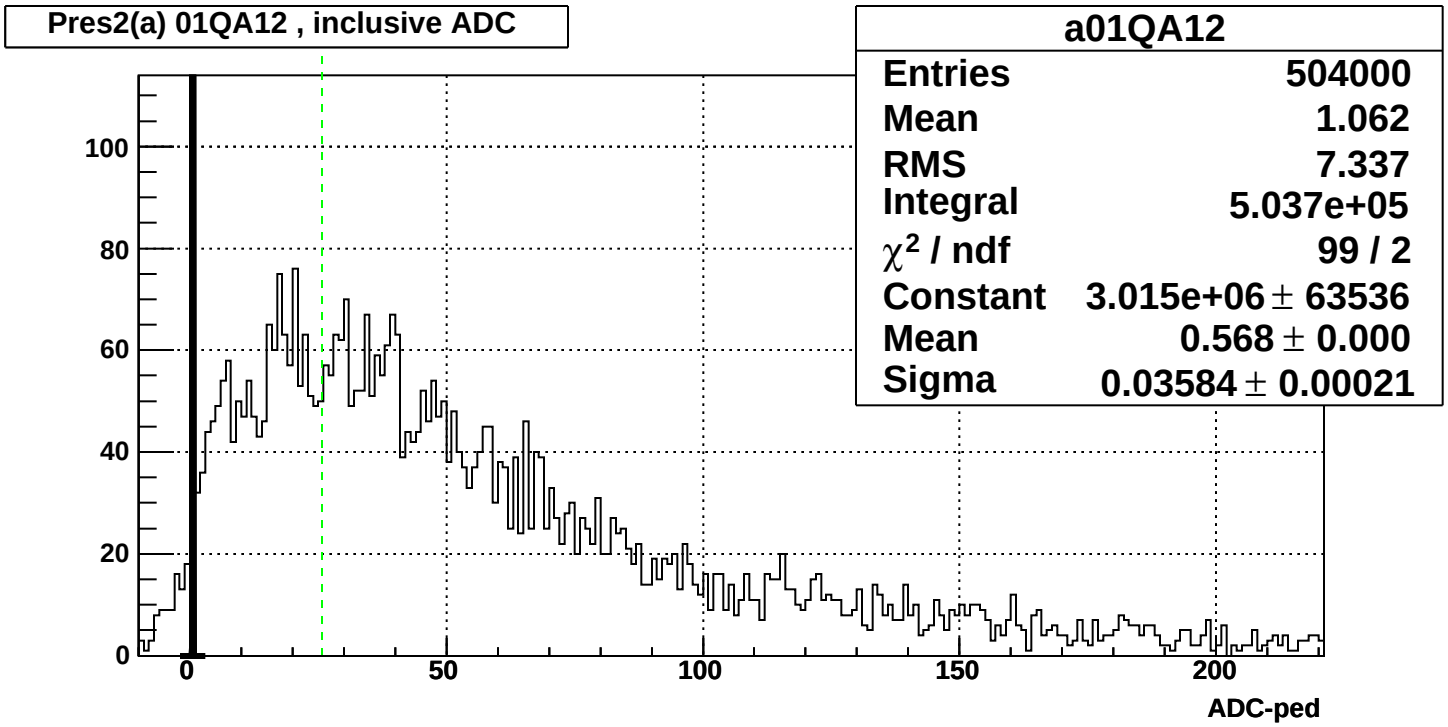

Pres1(d) 01PC12 , ADC, tag: UxV 2*thr
d01PC12
Entries 50
Mean 37.36
RMS 25.93
Integral 50
χ² / ndf 10.8 / 15
ampl-G -0.2921 ± 1.7380
const-L 15.13 ± 3.96
MPV-L 33.32 ± 8.85
sig-L 18.5 ± 10.5
ADC-ped

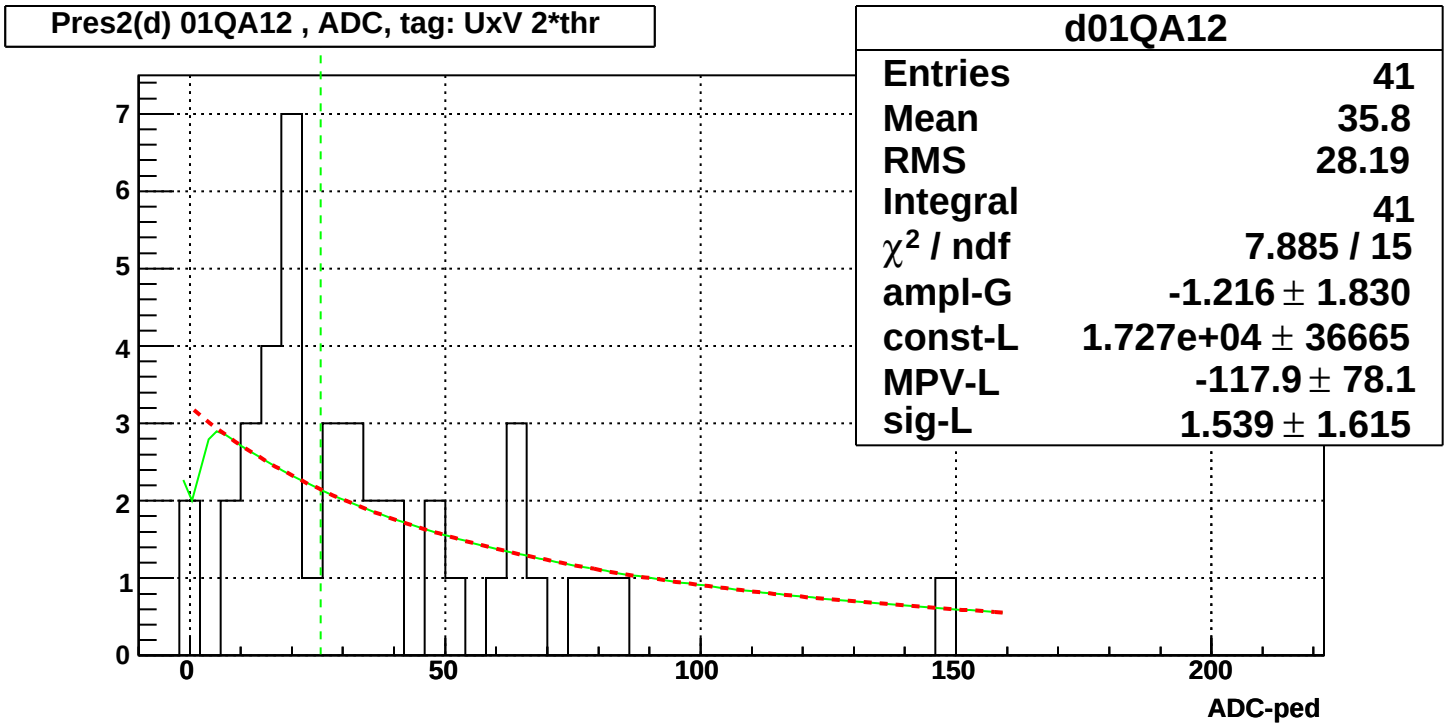

Pres1(a) 01PD12 , inclusive ADC
a01PD12
Entries 504000
Mean 0.9787
RMS 6.267
Integral 5.038e+05
χ² / ndf 118 / 2
Constant 2.409e+06 ± 50767
Mean 0.5702 ± 0.0005
Sigma 0.03955 ± 0.00026
0
20
40
60
80
100
0
50
100
150
200
ADC-ped

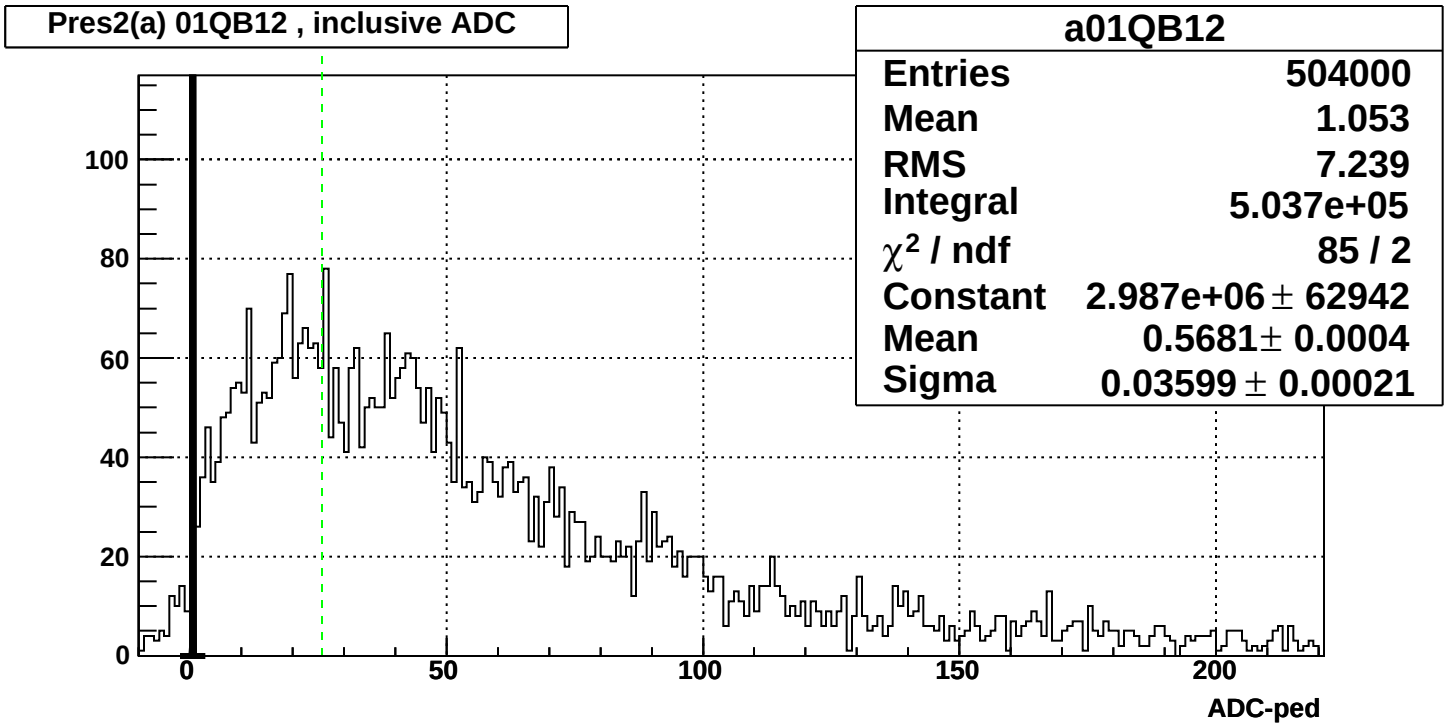

Pres1(d) 01PD12 , ADC, tag: UxV 2*thr
d01PD12
Entries 56
Mean 42.18
RMS 35.06
Integral 55
χ² / ndf 9.57 / 14
ampl-G 0.4918 ± 2.9872
const-L 21.4 ± 5.5
MPV-L 26.18 ± 5.23
sig-L 12.82 ± 5.37
0
1
2
3
4
5
6
7
0
50
100
150
200
ADC-ped

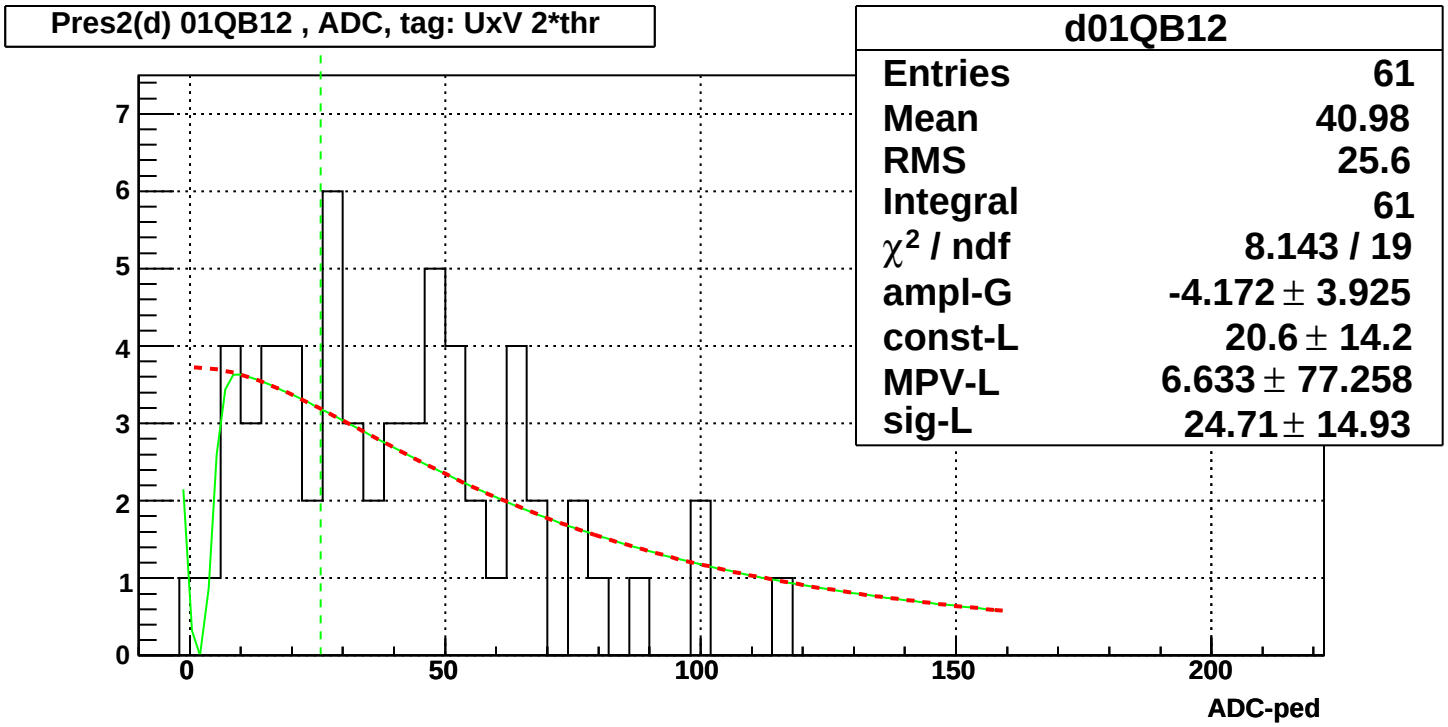

Pres1(a) 01PE12 , inclusive ADC
a01PE12
Entries 504000
Mean 1.006
RMS 6.559
Integral 5.038e+05
χ² / ndf 110 / 2
Constant 2.658e+06 ± 55998
Mean 0.5693 ± 0.0004
Sigma 0.03787 ± 0.00024
ADC-ped

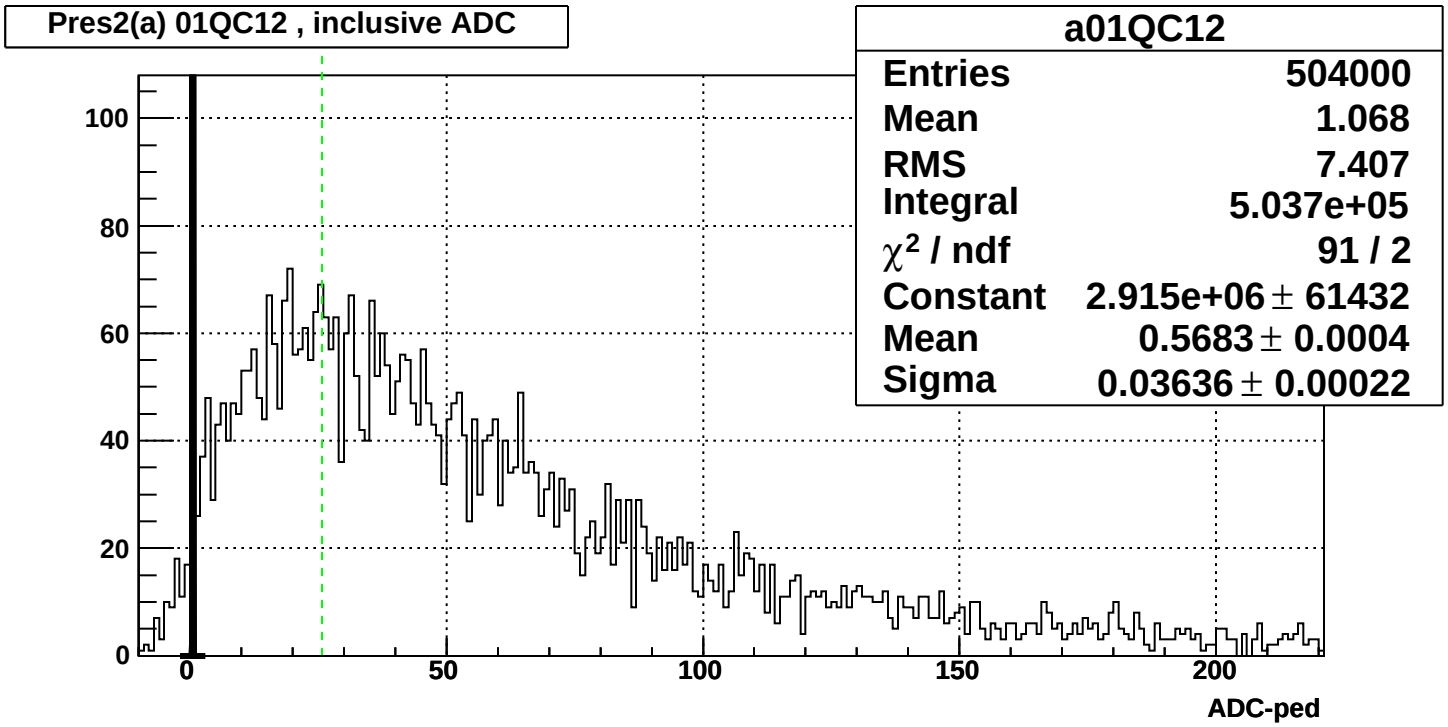

Pres1(d) 01PE12 , ADC, tag: UxV 2*thr
d01PE12
Entries 33
Mean 40.24
RMS 28.23
Integral 33
χ² / ndf 4.403 / 15
ampl-G -0.3334 ± 1.7477
const-L 1.668e+05 ± 514705
MPV-L -159.6 ± 163.6
sig-L 0.5986 ± 1.0571
ADC-ped

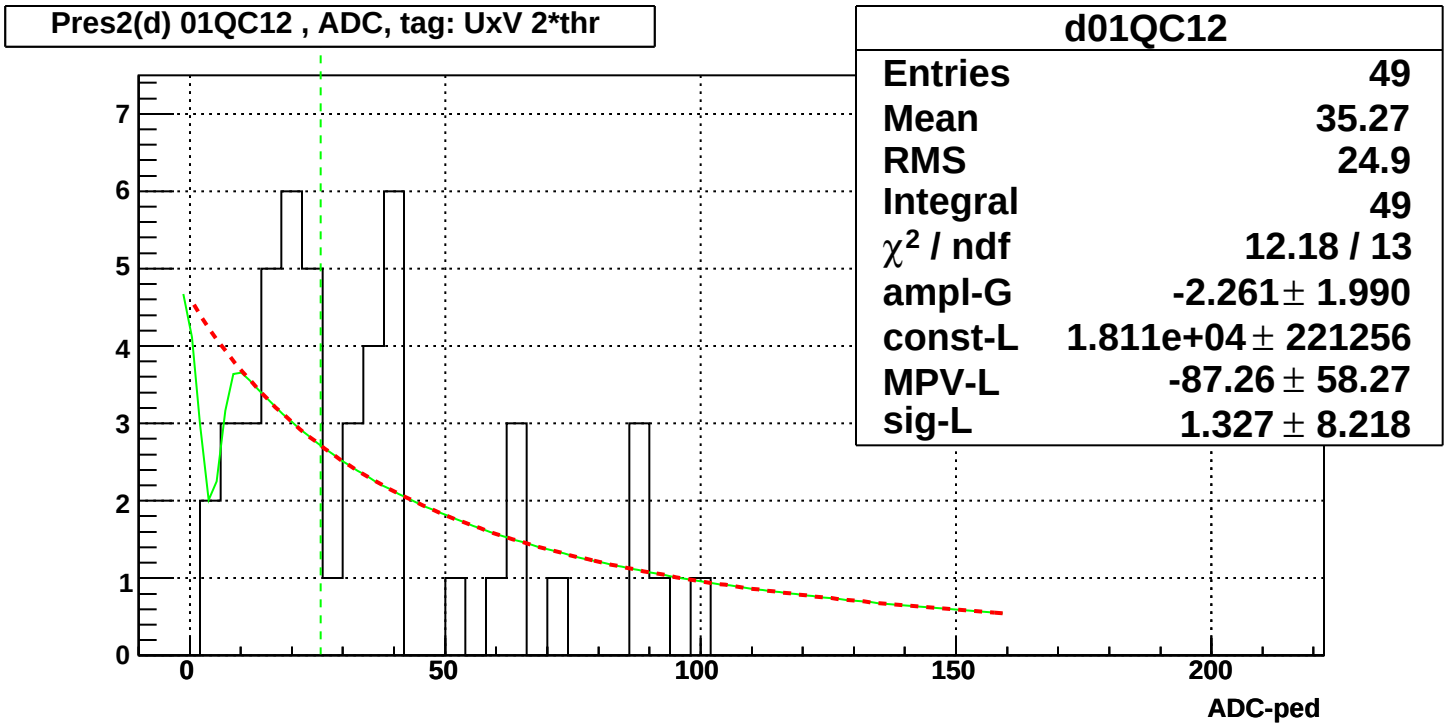

Pres2(a) 01QA12 , inclusive ADC
a01QA12
Entries 504000
Mean 1.062
RMS 7.337
Integral 5.037e+05
χ² / ndf 99 / 2
Constant 3.015e+06 ± 63536
Mean 0.568 ± 0.000
Sigma 0.03584 ± 0.00021
ADC-ped

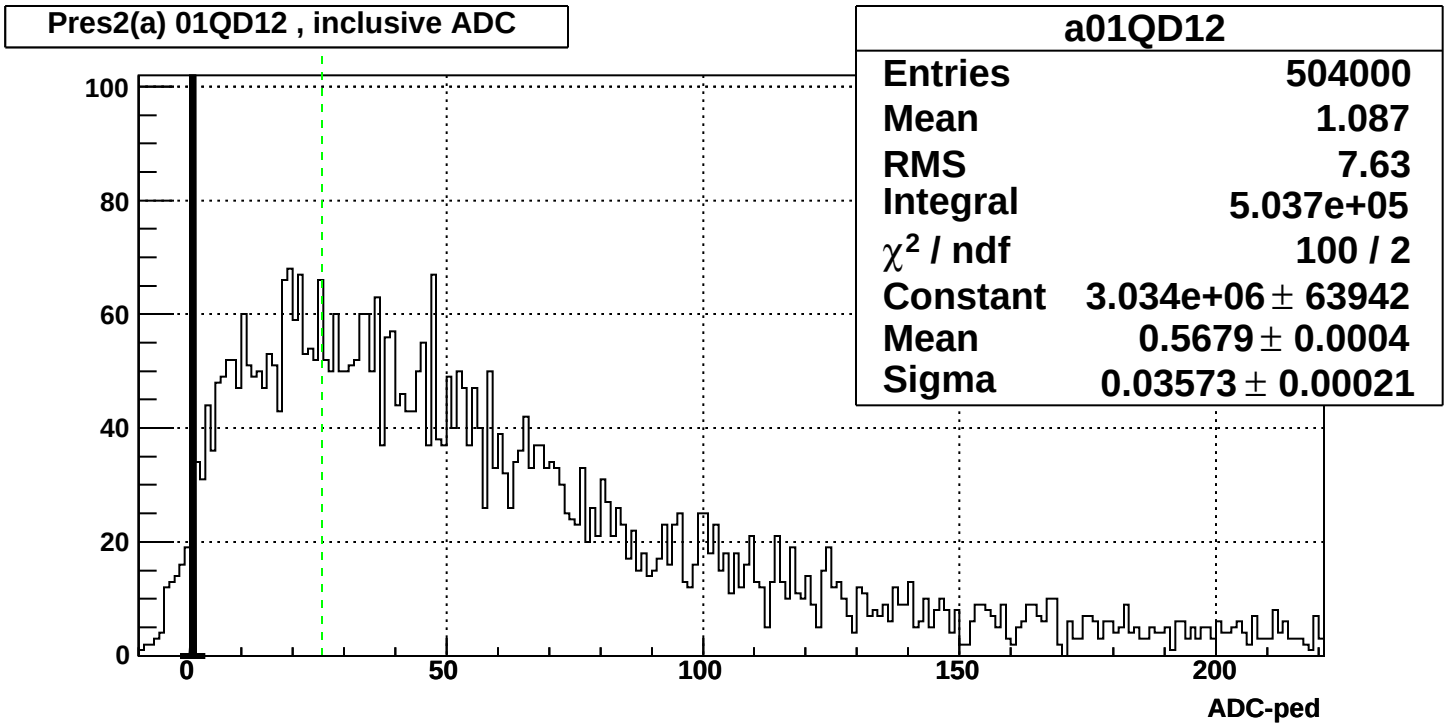

Pres2(d) 01QA12 , ADC, tag: UxV 2*thr
d01QA12
Entries 41
Mean 35.8
RMS 28.19
Integral 41
χ² / ndf 7.885 / 15
ampl-G -1.216 ± 1.830
const-L 1.727e+04 ± 36665
MPV-L -117.9 ± 78.1
sig-L 1.539 ± 1.615
ADC-ped

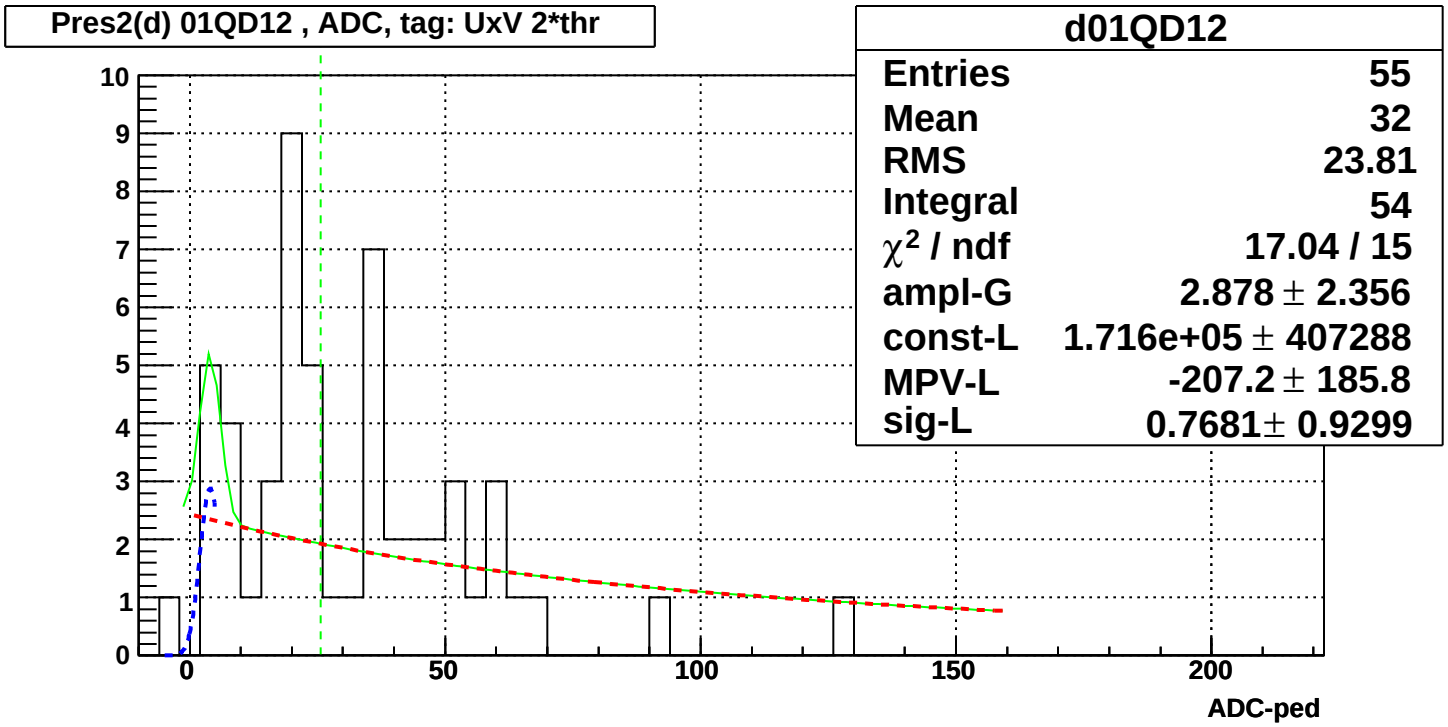

Pres2(a) 01QB12 , inclusive ADC
a01QB12
Entries 504000
Mean 1.053
RMS 7.239
Integral 5.037e+05
χ² / ndf 85 / 2
Constant 2.987e+06 ± 62942
Mean 0.5681 ± 0.0004
Sigma 0.03599 ± 0.00021
ADC-ped

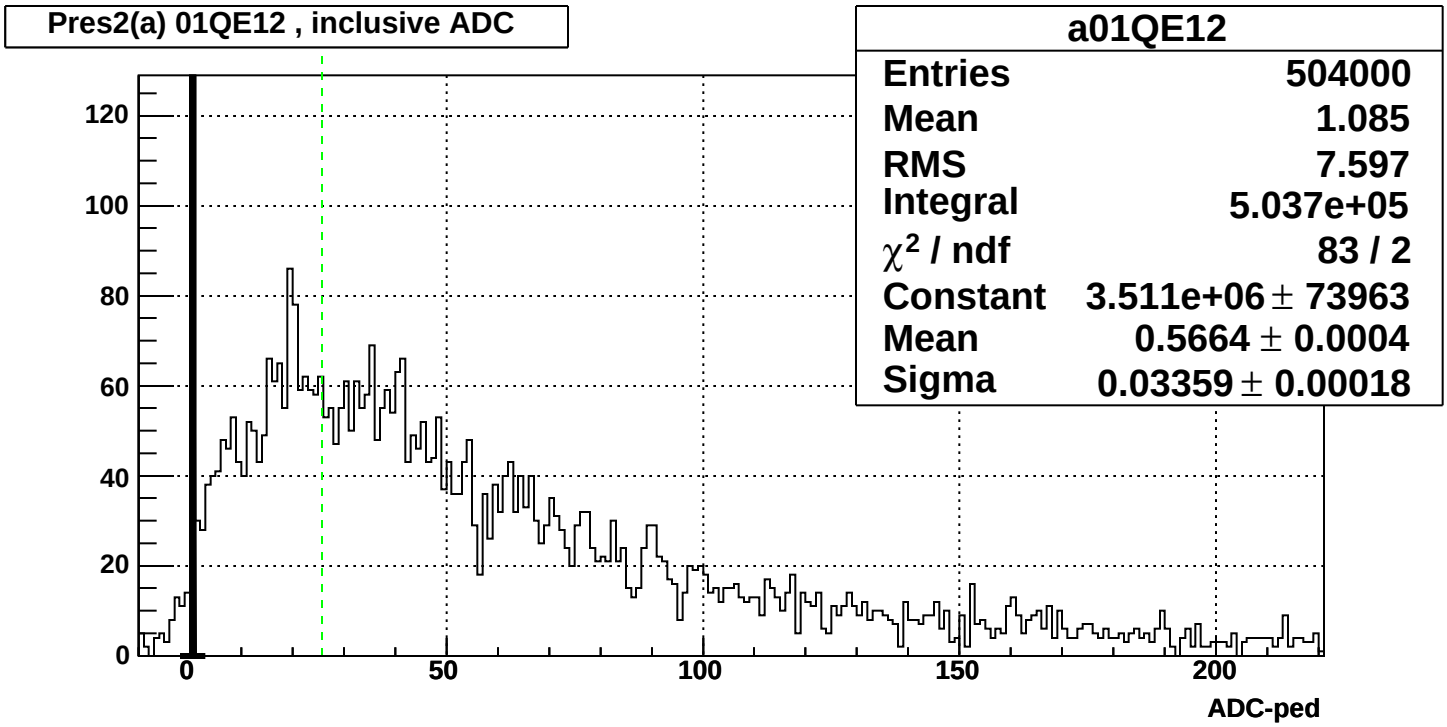

Pres2(d) 01QB12 , ADC, tag: UxV 2*thr
d01QB12
Entries 61
Mean 40.98
RMS 25.6
Integral 61
χ² / ndf 8.143 / 19
ampl-G -4.172 ± 3.925
const-L 20.6 ± 14.2
MPV-L 6.633 ± 77.258
sig-L 24.71 ± 14.93
ADC-ped

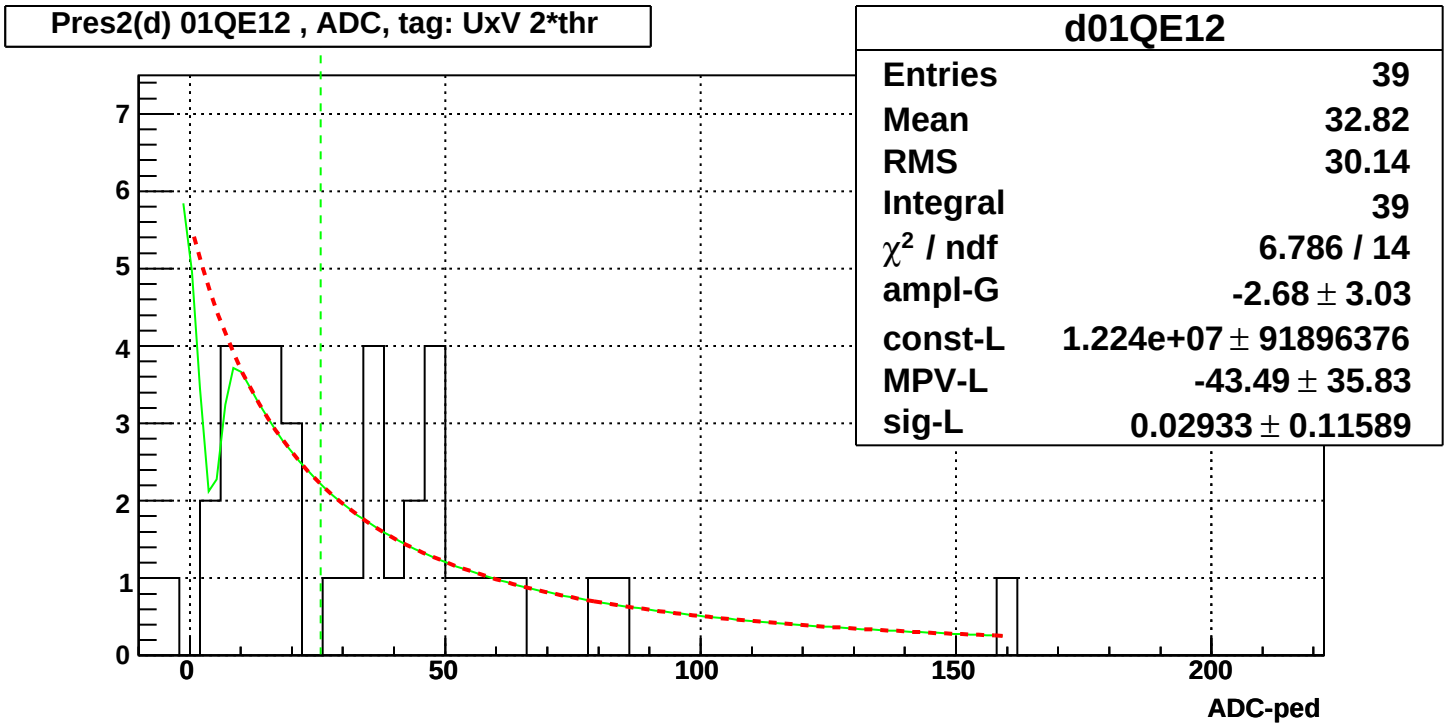

Pres2(a) 01QC12 , inclusive ADC
a01QC12
Entries 504000
Mean 1.068
RMS 7.407
Integral 5.037e+05
χ² / ndf 91 / 2
Constant 2.915e+06 ± 61432
Mean 0.5683 ± 0.0004
Sigma 0.03636 ± 0.00022
ADC-ped

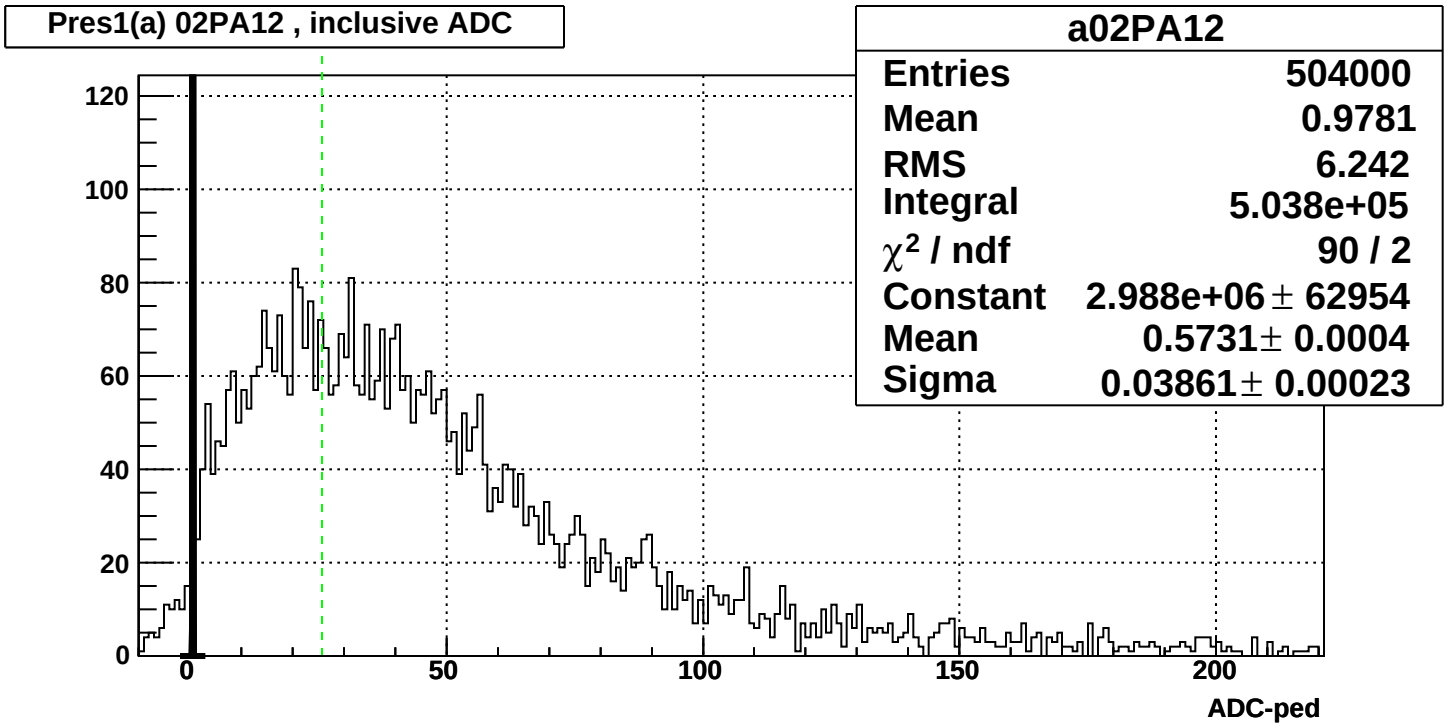

Pres2(d) 01QC12 , ADC, tag: UxV 2*thr
d01QC12
Entries 49
Mean 35.27
RMS 24.9
Integral 49
χ² / ndf 12.18 / 13
ampl-G -2.261 ± 1.990
const-L 1.811e+04 ± 221256
MPV-L -87.26 ± 58.27
sig-L 1.327 ± 8.218
ADC-ped

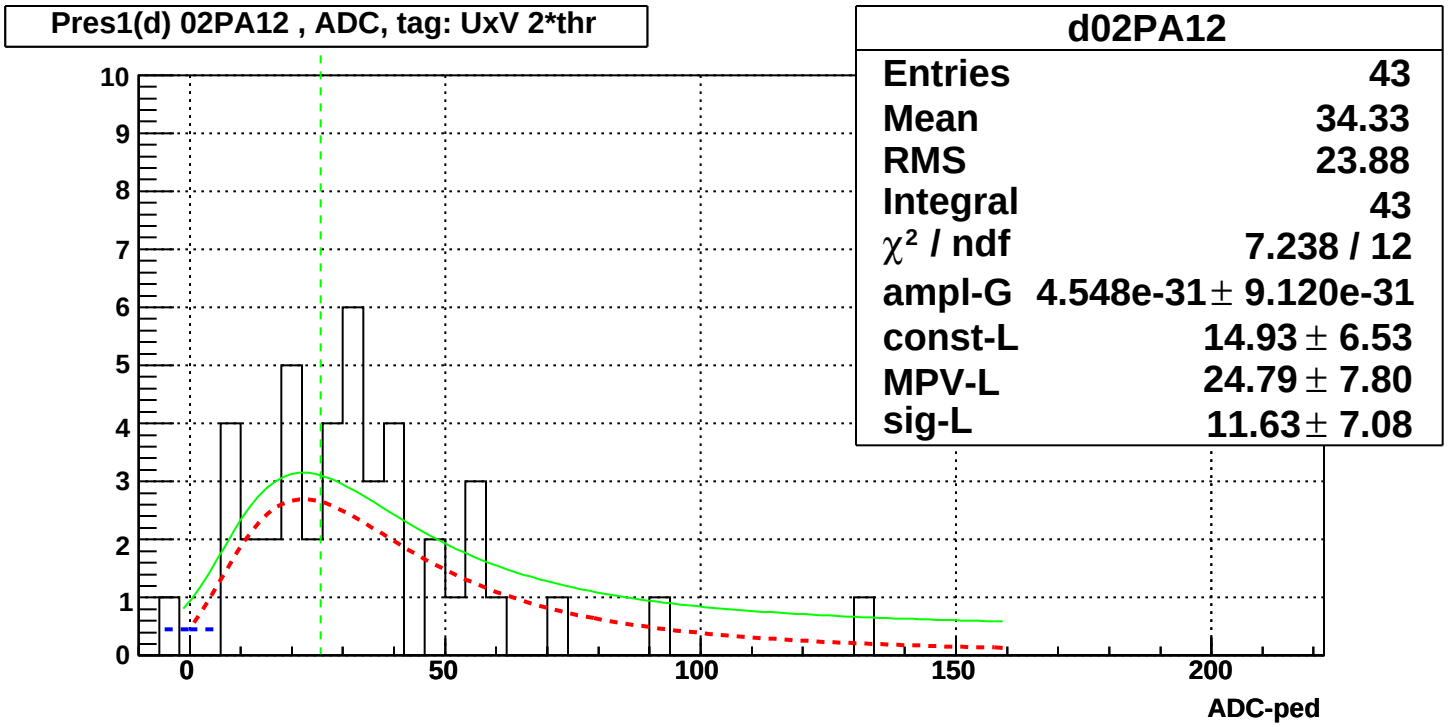

Pres2(a) 01QD12 , inclusive ADC
a01QD12
Entries 504000
Mean 1.087
RMS 7.63
Integral 5.037e+05
χ² / ndf 100 / 2
Constant 3.034e+06 ± 63942
Mean 0.5679 ± 0.0004
Sigma 0.03573 ± 0.00021
ADC-ped

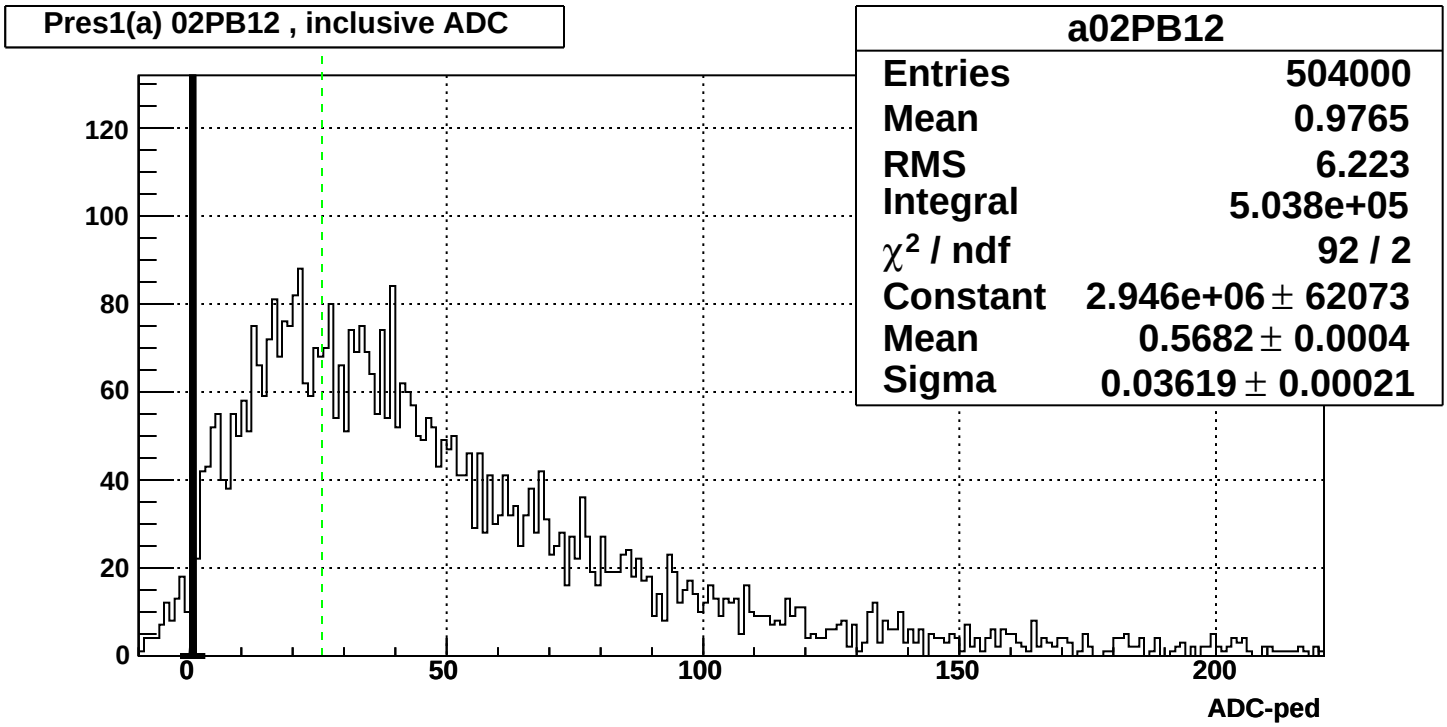

Pres2(d) 01QD12 , ADC, tag: UxV 2*thr
d01QD12
Entries 55
Mean 32
RMS 23.81
Integral 54
χ² / ndf 17.04 / 15
ampl-G 2.878 ± 2.356
const-L 1.716e+05 ± 407288
MPV-L -207.2 ± 185.8
sig-L 0.7681 ± 0.9299
ADC-ped

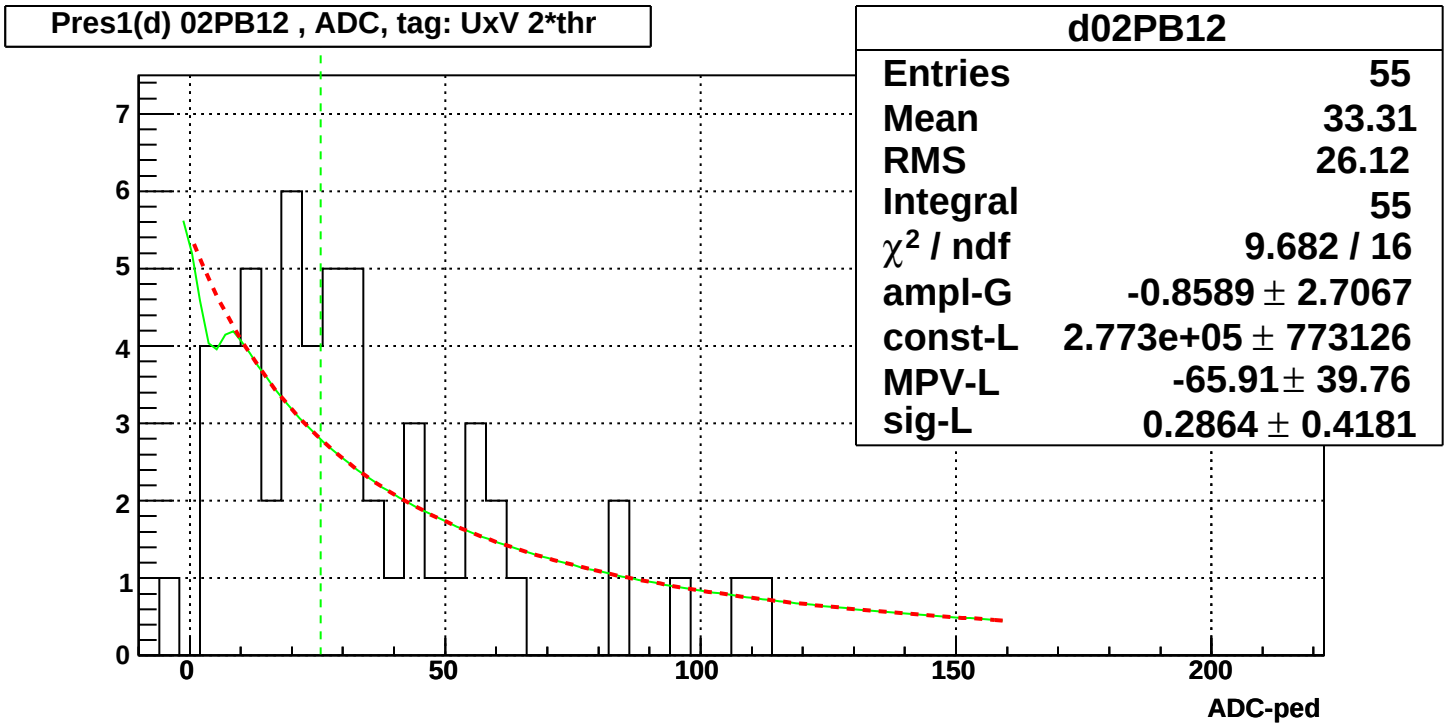

Pres2(a) 01QE12 , inclusive ADC
a01QE12
Entries 504000
Mean 1.085
RMS 7.597
Integral 5.037e+05
χ² / ndf 83 / 2
Constant 3.511e+06 ± 73963
Mean 0.5664 ± 0.0004
Sigma 0.03359 ± 0.00018
ADC-ped

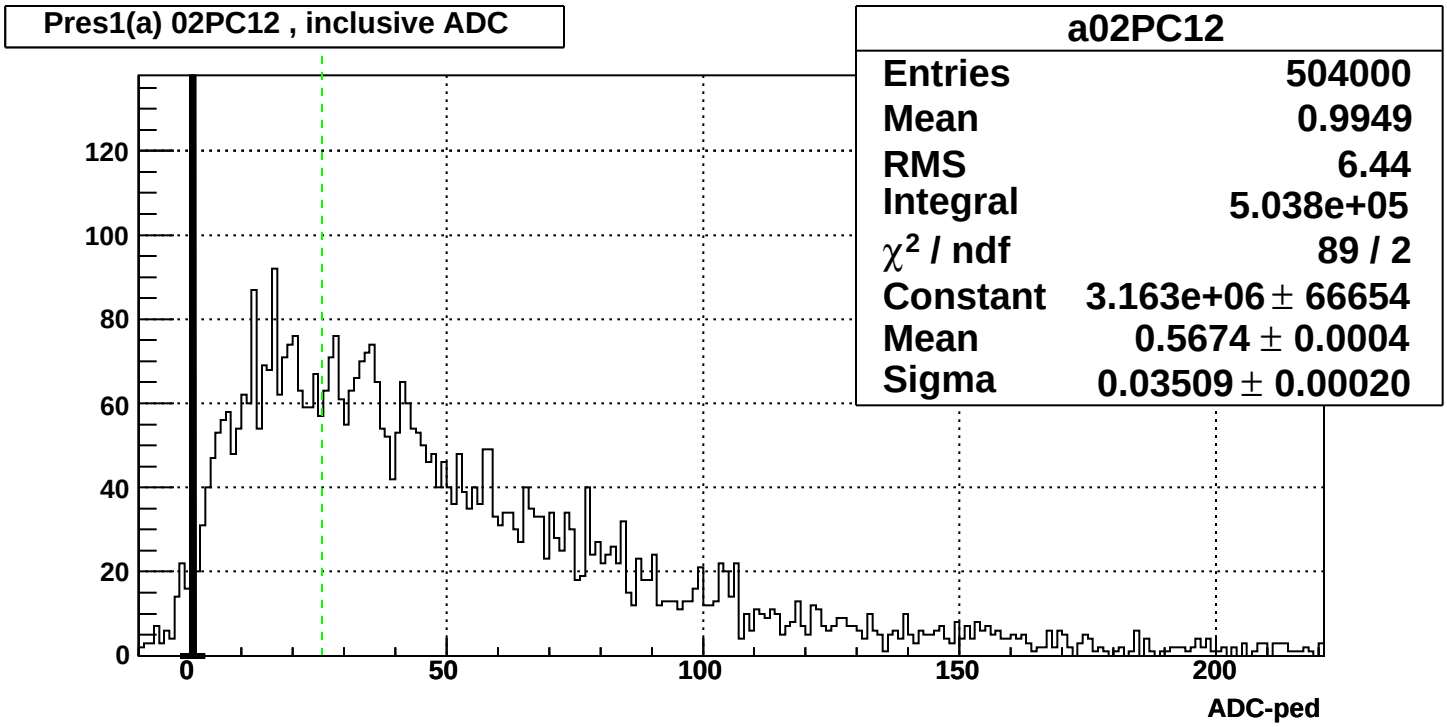

Pres2(d) 01QE12 , ADC, tag: UxV 2*thr
d01QE12
Entries 39
Mean 32.82
RMS 30.14
Integral 39
χ² / ndf 6.786 / 14
ampl-G -2.68 ± 3.03
const-L 1.224e+07 ± 91896376
MPV-L -43.49 ± 35.83
sig-L 0.02933 ± 0.11589
ADC-ped

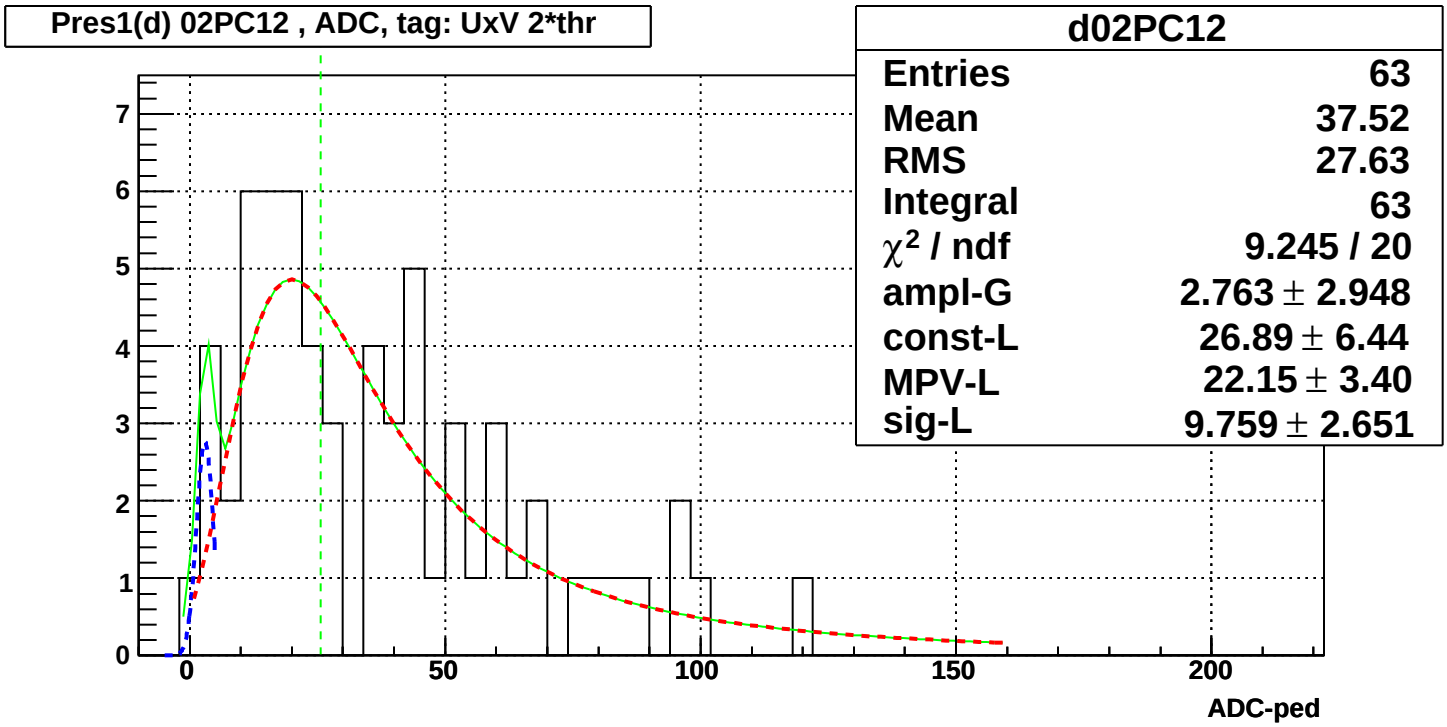

Pres1(a) 02PA12 , inclusive ADC
a02PA12
Entries 504000
Mean 0.9781
RMS 6.242
Integral 5.038e+05
χ² / ndf 90 / 2
Constant 2.988e+06 ± 62954
Mean 0.5731 ± 0.0004
Sigma 0.03861 ± 0.00023
ADC-ped

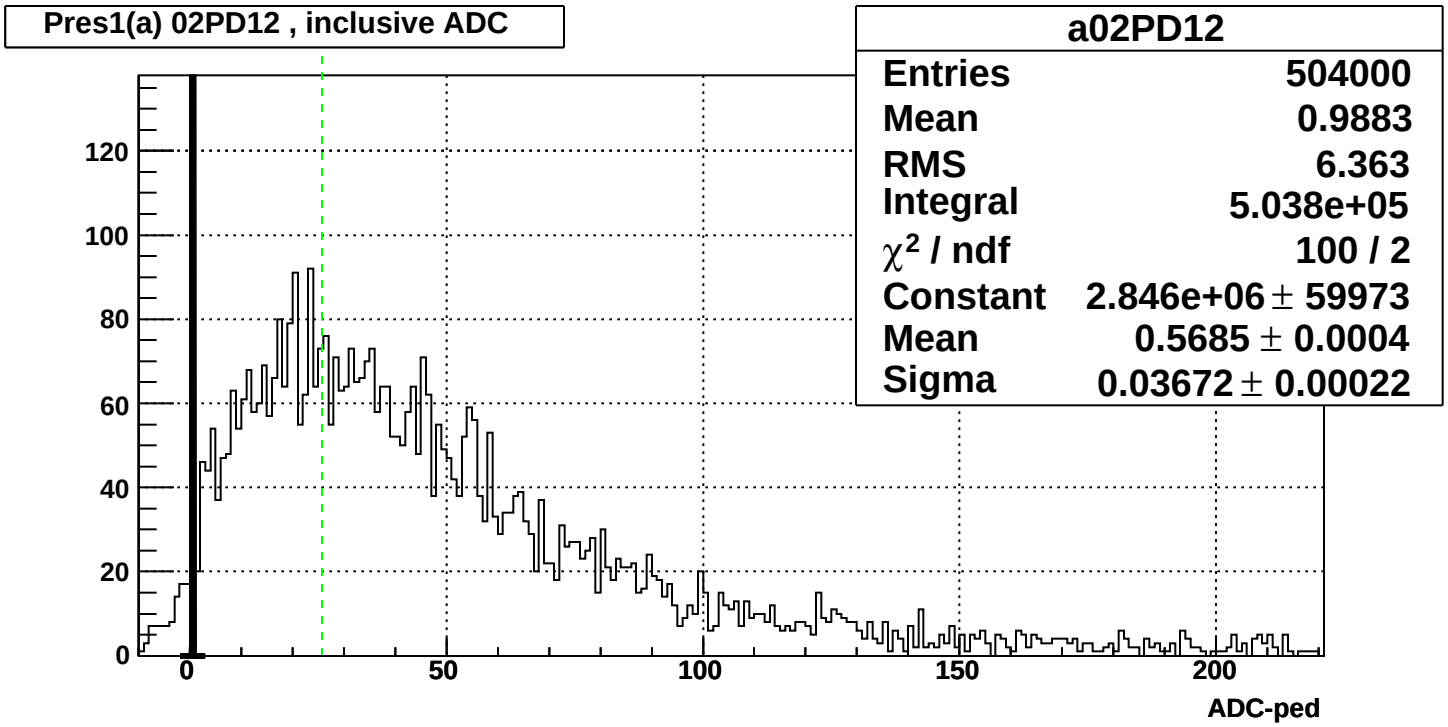

Pres1(d) 02PA12 , ADC, tag: UxV 2*thr
d02PA12
Entries 43
Mean 34.33
RMS 23.88
Integral 43
χ² / ndf 7.238 / 12
ampl-G 4.548e-31 ± 9.120e-31
const-L 14.93 ± 6.53
MPV-L 24.79 ± 7.80
sig-L 11.63 ± 7.08
ADC-ped

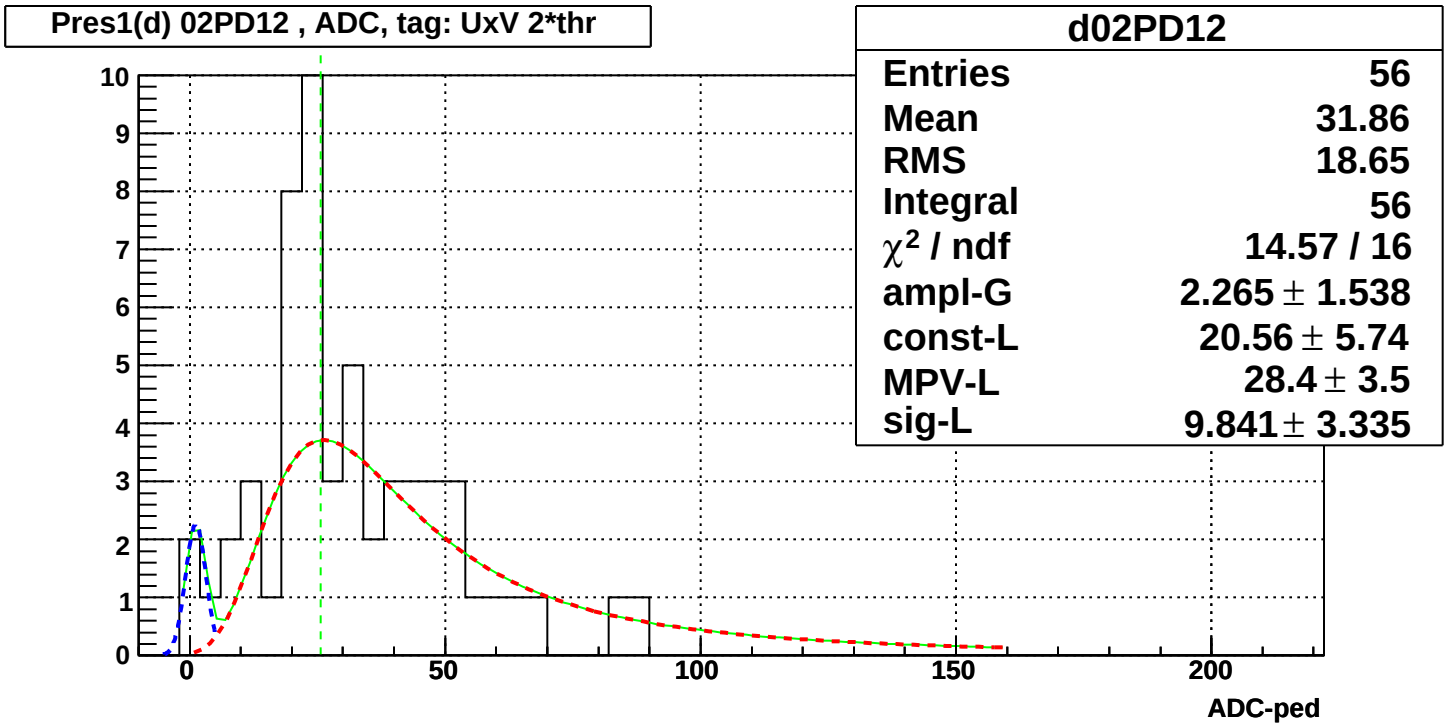

Pres1(a) 02PB12 , inclusive ADC
a02PB12
Entries 504000
Mean 0.9765
RMS 6.223
Integral 5.038e+05
χ² / ndf 92 / 2
Constant 2.946e+06 ± 62073
Mean 0.5682 ± 0.0004
Sigma 0.03619 ± 0.00021
ADC-ped

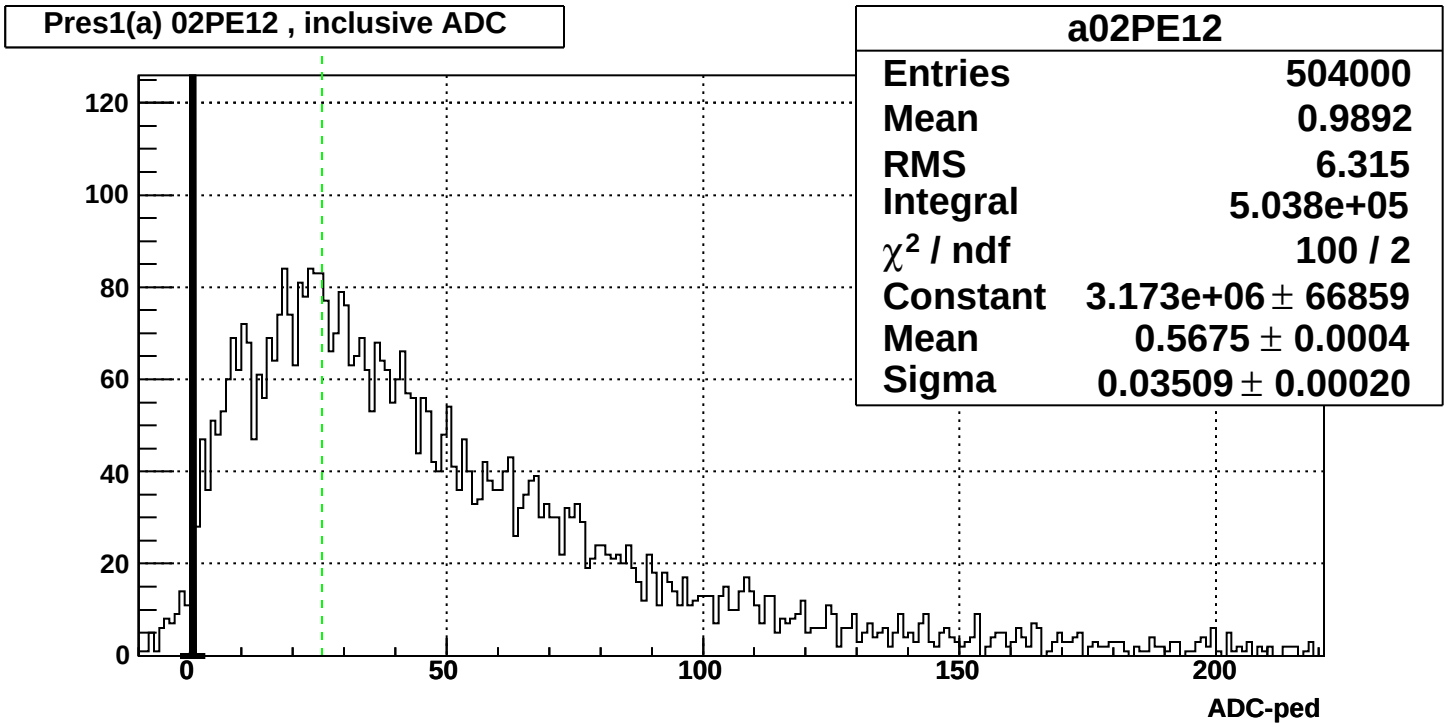

Pres1(d) 02PB12 , ADC, tag: UxV 2*thr
d02PB12
Entries 55
Mean 33.31
RMS 26.12
Integral 55
χ² / ndf 9.682 / 16
ampl-G -0.8589 ± 2.7067
const-L 2.773e+05 ± 773126
MPV-L -65.91 ± 39.76
sig-L 0.2864 ± 0.4181
ADC-ped

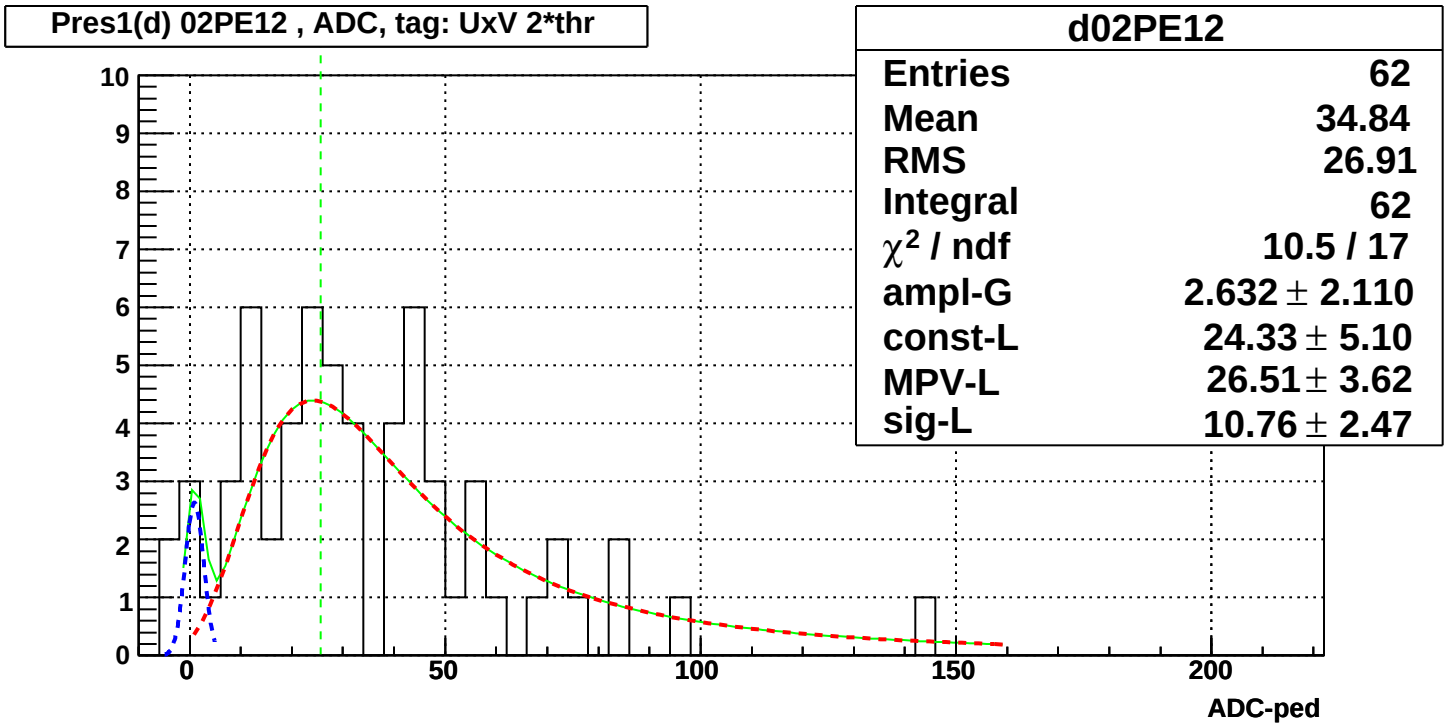

Pres1(a) 02PC12 , inclusive ADC
a02PC12
Entries 504000
Mean 0.9949
RMS 6.44
Integral 5.038e+05
χ² / ndf 89 / 2
Constant 3.163e+06 ± 66654
Mean 0.5674 ± 0.0004
Sigma 0.03509 ± 0.00020
ADC-ped

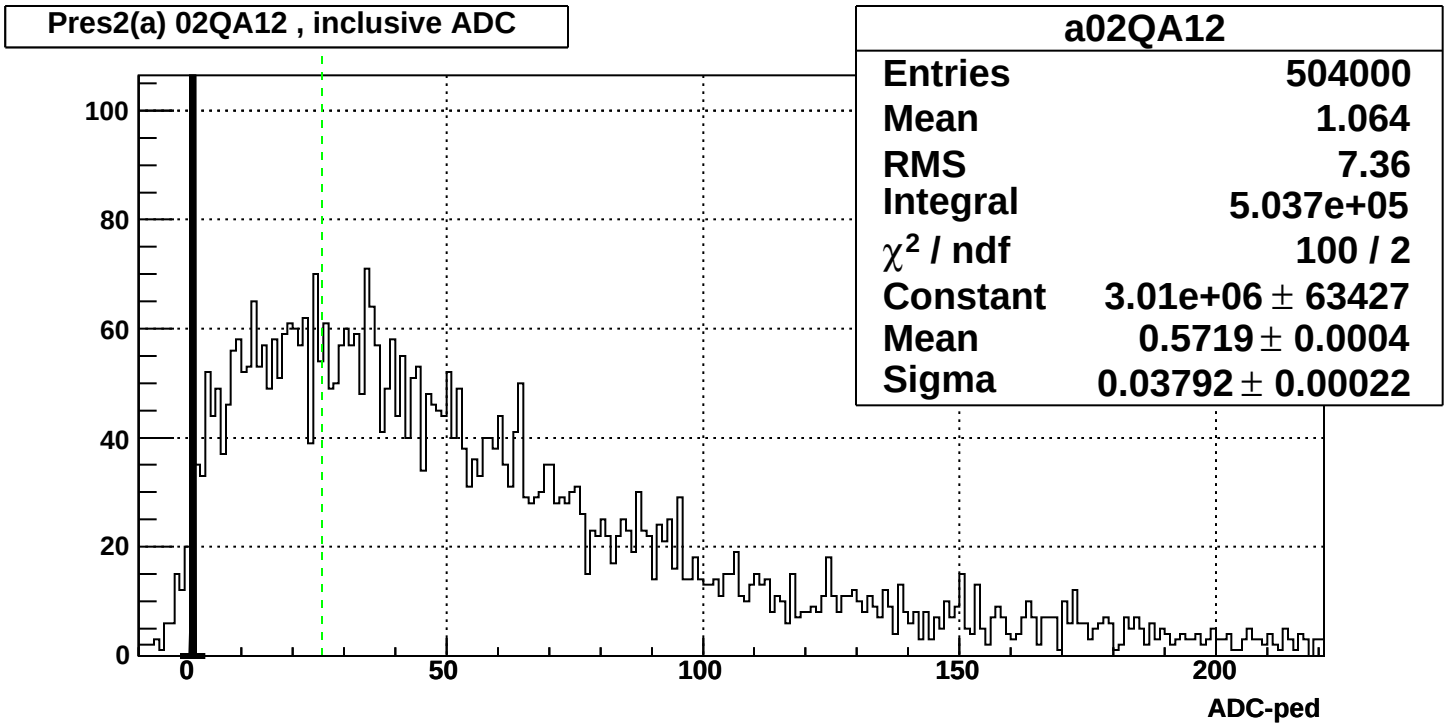

Pres1(d) 02PC12 , ADC, tag: UxV 2*thr
d02PC12
Entries 63
Mean 37.52
RMS 27.63
Integral 63
χ² / ndf 9.245 / 20
ampl-G 2.763 ± 2.948
const-L 26.89 ± 6.44
MPV-L 22.15 ± 3.40
sig-L 9.759 ± 2.651
ADC-ped

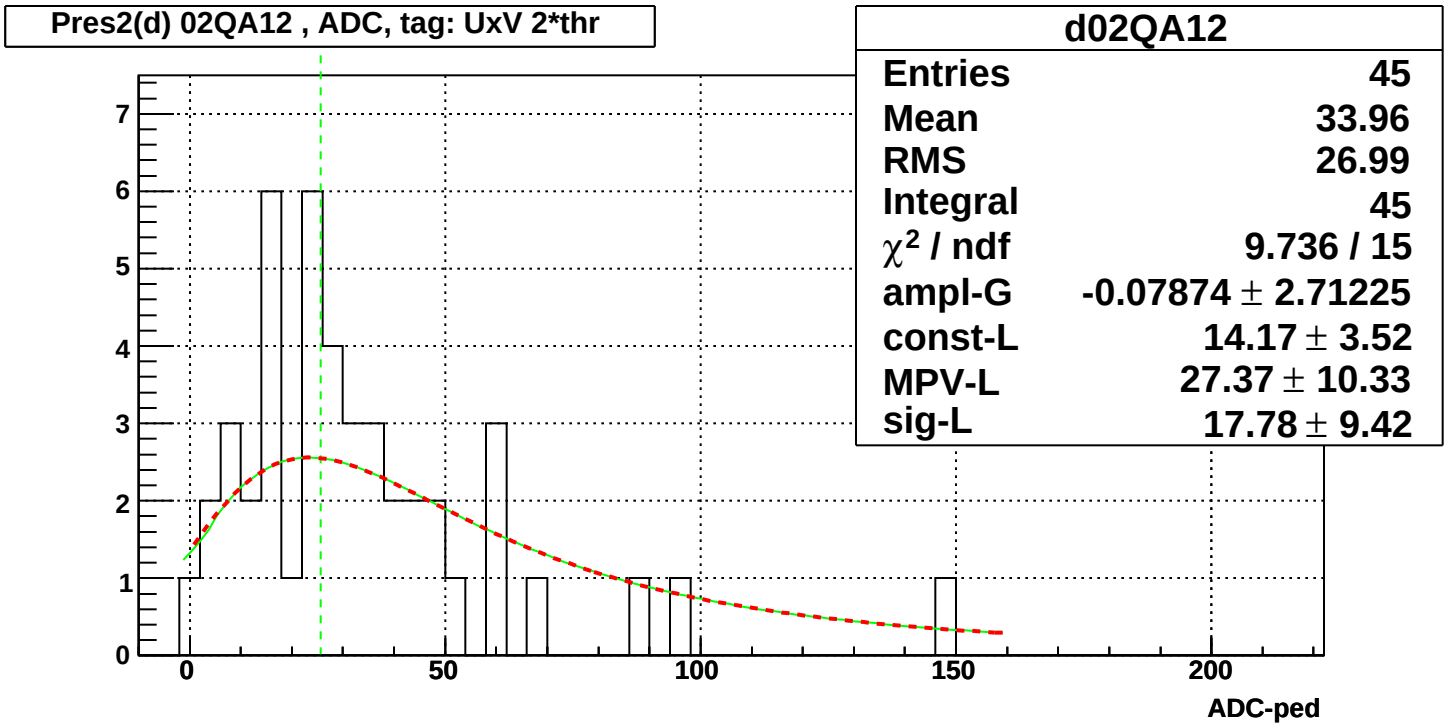

Pres1(a) 02PD12 , inclusive ADC
a02PD12
Entries 504000
Mean 0.9883
RMS 6.363
Integral 5.038e+05
χ² / ndf 100 / 2
Constant 2.846e+06 ± 59973
Mean 0.5685 ± 0.0004
Sigma 0.03672 ± 0.00022
ADC-ped

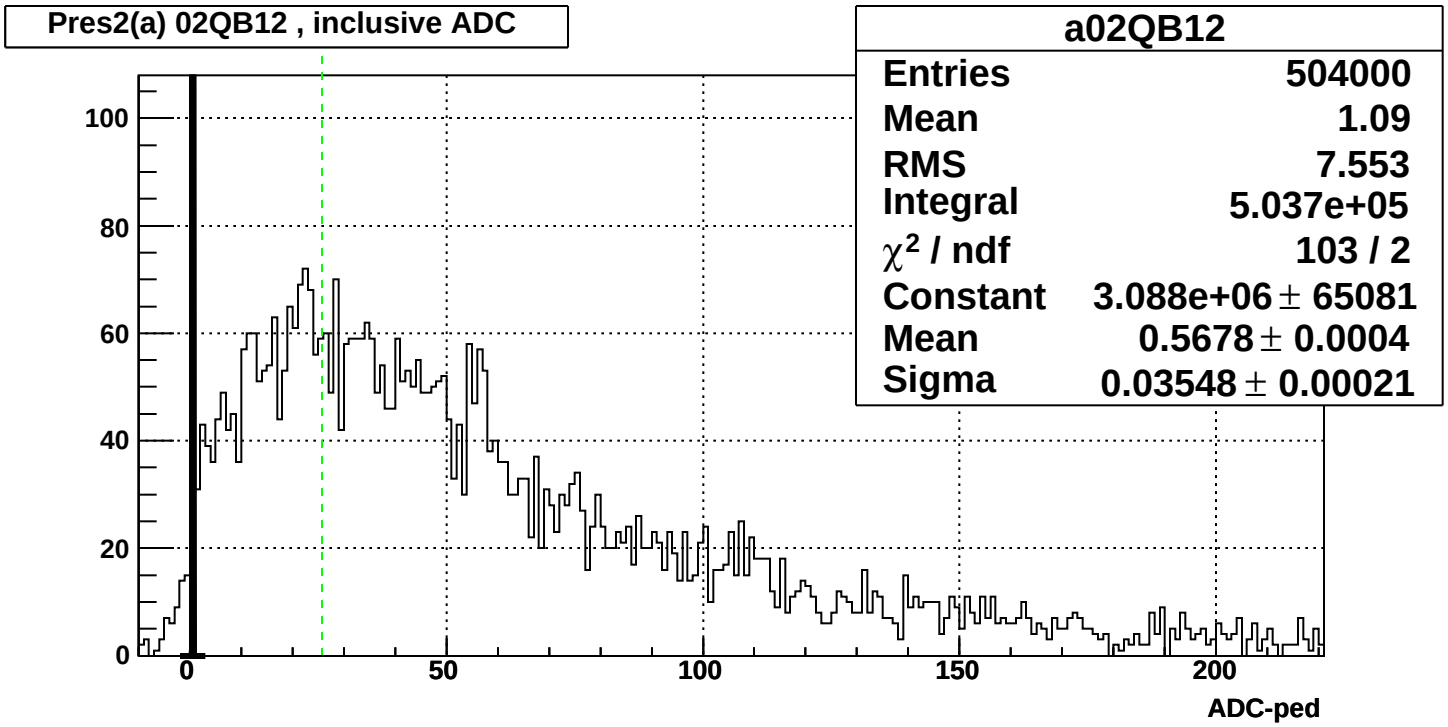

Pres1(d) 02PD12 , ADC, tag: UxV 2*thr
d02PD12
Entries 56
Mean 31.86
RMS 18.65
Integral 56
χ² / ndf 14.57 / 16
ampl-G 2.265 ± 1.538
const-L 20.56 ± 5.74
MPV-L 28.4 ± 3.5
sig-L 9.841 ± 3.335
ADC-ped

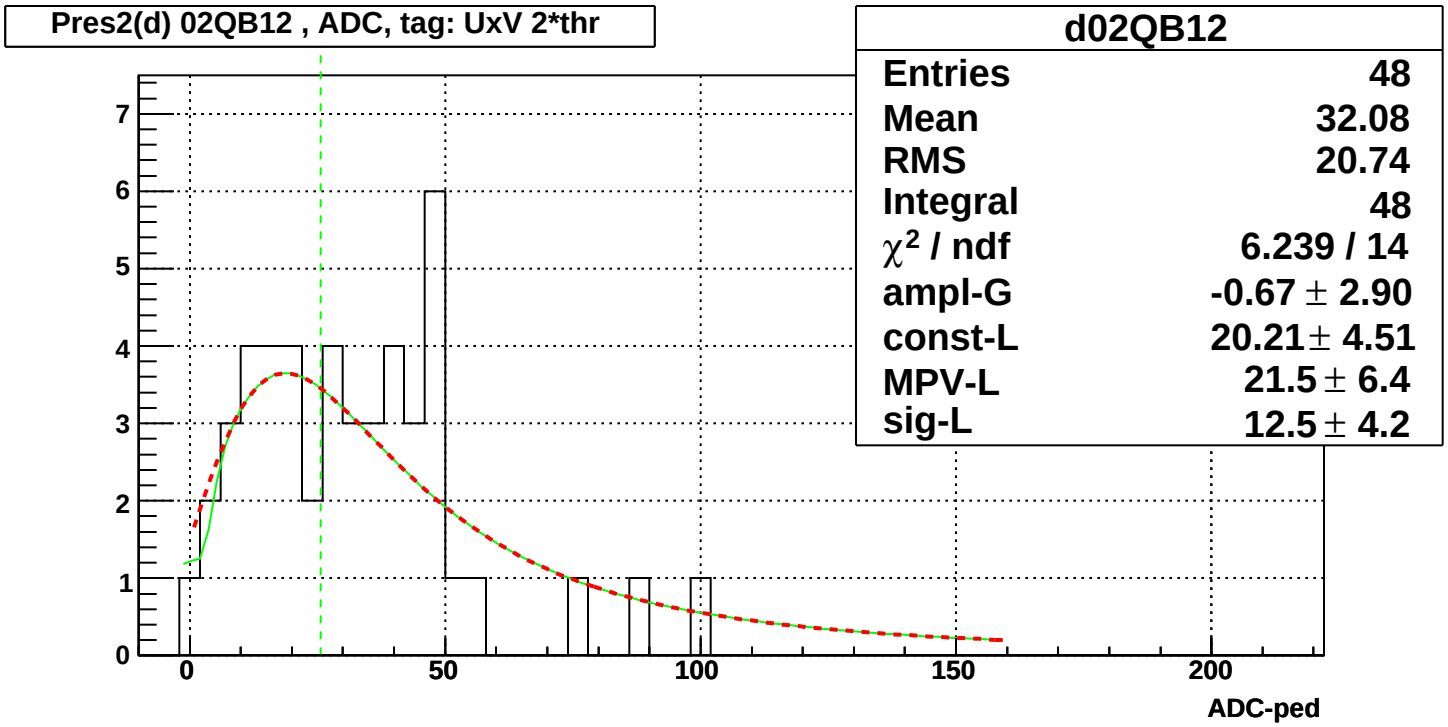

Pres1(a) 02PE12 , inclusive ADC
a02PE12
Entries 504000
Mean 0.9892
RMS 6.315
Integral 5.038e+05
χ² / ndf 100 / 2
Constant 3.173e+06 ± 66859
Mean 0.5675 ± 0.0004
Sigma 0.03509 ± 0.00020
ADC-ped

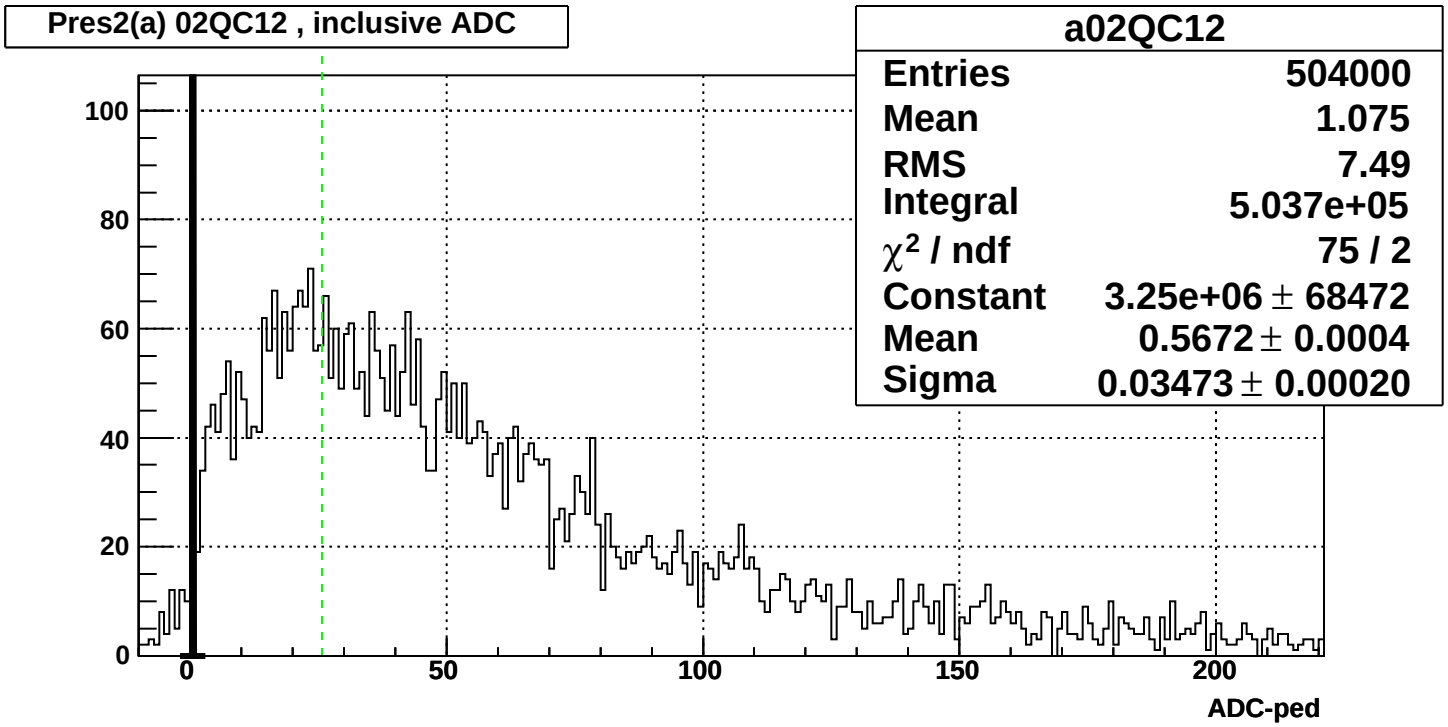

Pres1(d) 02PE12 , ADC, tag: UxV 2*thr
d02PE12
Entries 62
Mean 34.84
RMS 26.91
Integral 62
χ² / ndf 10.5 / 17
ampl-G 2.632 ± 2.110
const-L 24.33 ± 5.10
MPV-L 26.51 ± 3.62
sig-L 10.76 ± 2.47
ADC-ped

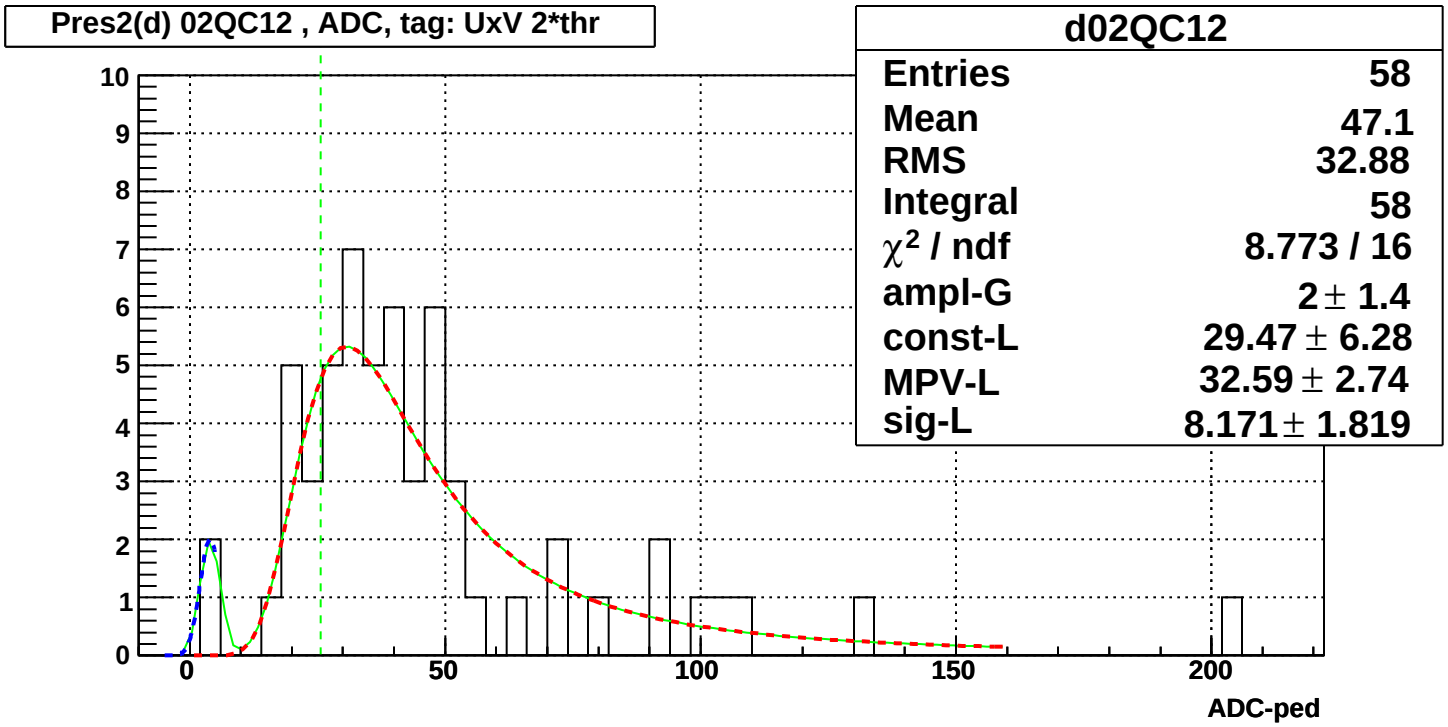

Pres2(a) 02QA12 , inclusive ADC
a02QA12
Entries 504000
Mean 1.064
RMS 7.36
Integral 5.037e+05
χ² / ndf 100 / 2
Constant 3.01e+06 ± 63427
Mean 0.5719 ± 0.0004
Sigma 0.03792 ± 0.00022
ADC-ped

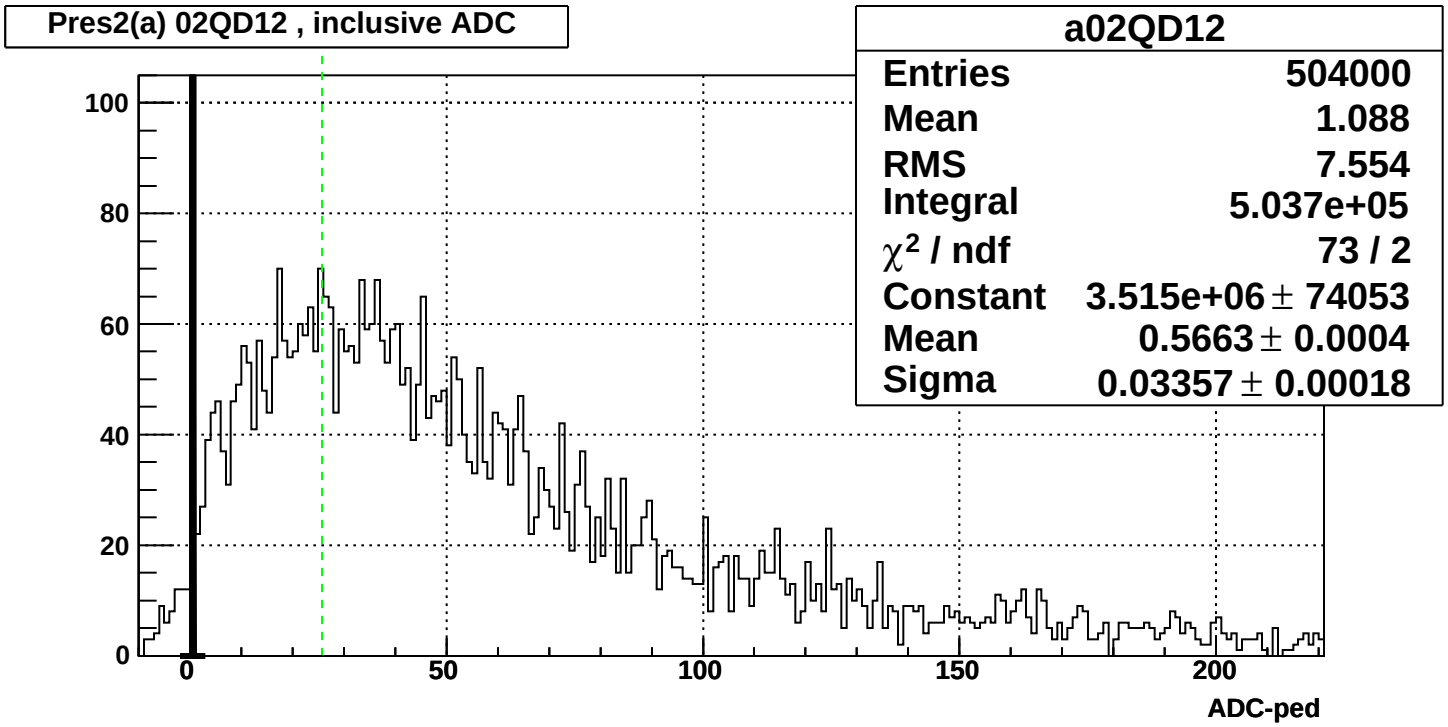

Pres2(d) 02QA12 , ADC, tag: UxV 2*thr
d02QA12
Entries 45
Mean 33.96
RMS 26.99
Integral 45
χ² / ndf 9.736 / 15
ampl-G -0.07874 ± 2.71225
const-L 14.17 ± 3.52
MPV-L 27.37 ± 10.33
sig-L 17.78 ± 9.42
ADC-ped

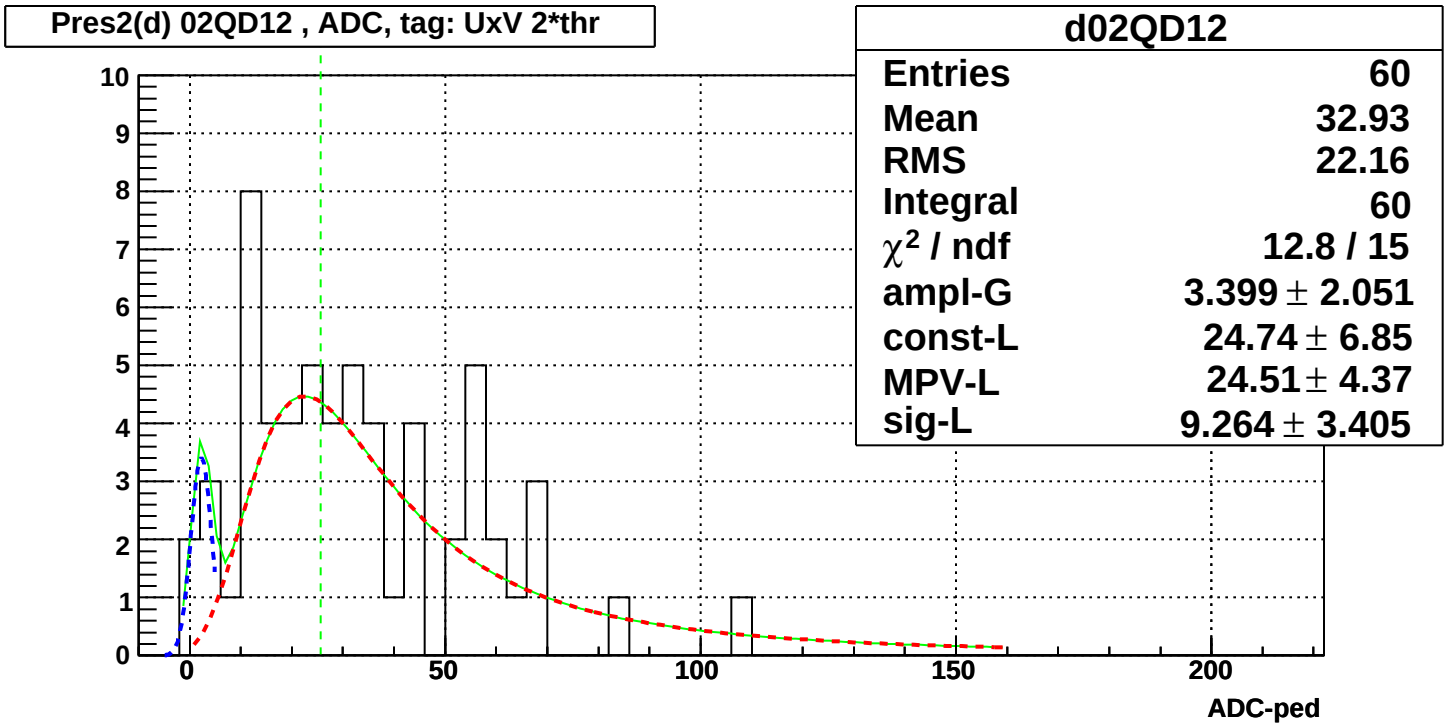

Pres2(a) 02QB12 , inclusive ADC
a02QB12
Entries 504000
Mean 1.09
RMS 7.553
Integral 5.037e+05
χ² / ndf 103 / 2
Constant 3.088e+06 ± 65081
Mean 0.5678 ± 0.0004
Sigma 0.03548 ± 0.00021
ADC-ped

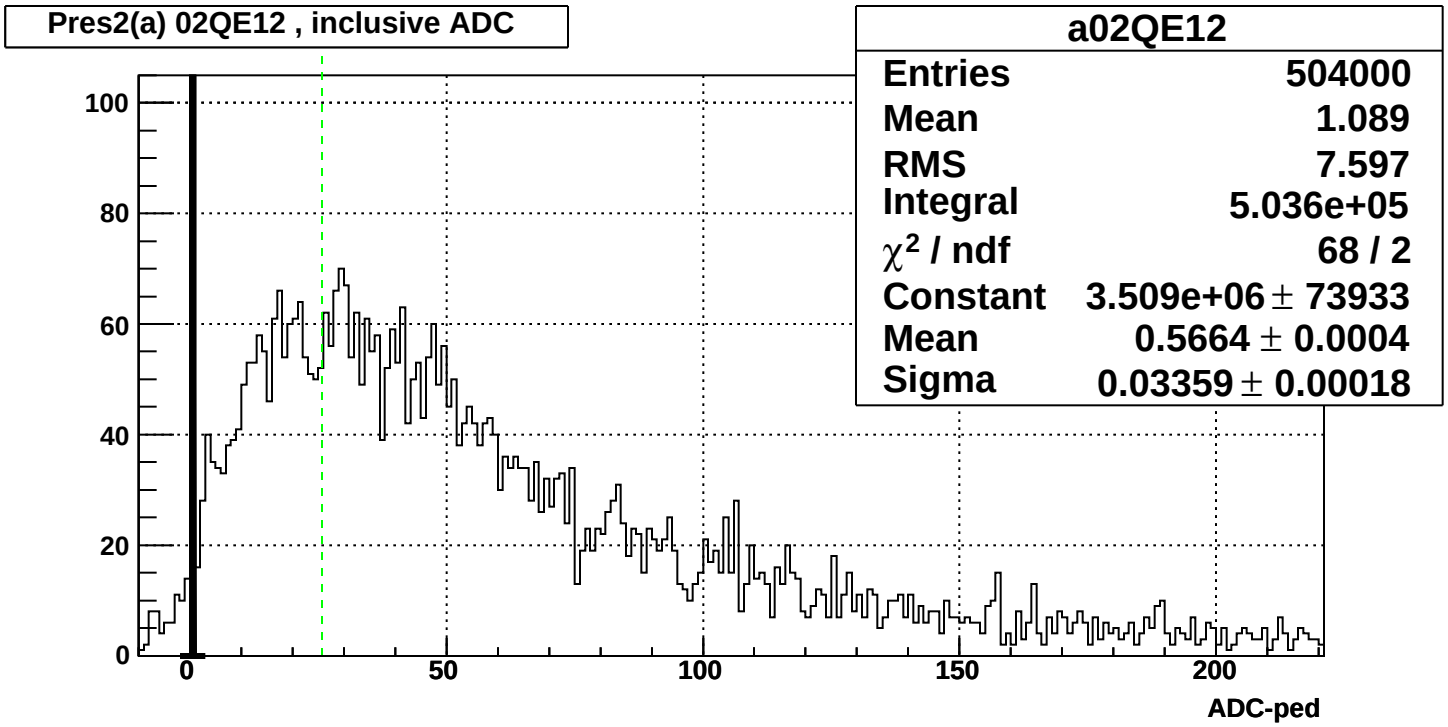

Pres2(d) 02QB12 , ADC, tag: UxV 2*thr
d02QB12
Entries 48
Mean 32.08
RMS 20.74
Integral 48
χ² / ndf 6.239 / 14
ampl-G -0.67 ± 2.90
const-L 20.21 ± 4.51
MPV-L 21.5 ± 6.4
sig-L 12.5 ± 4.2
ADC-ped

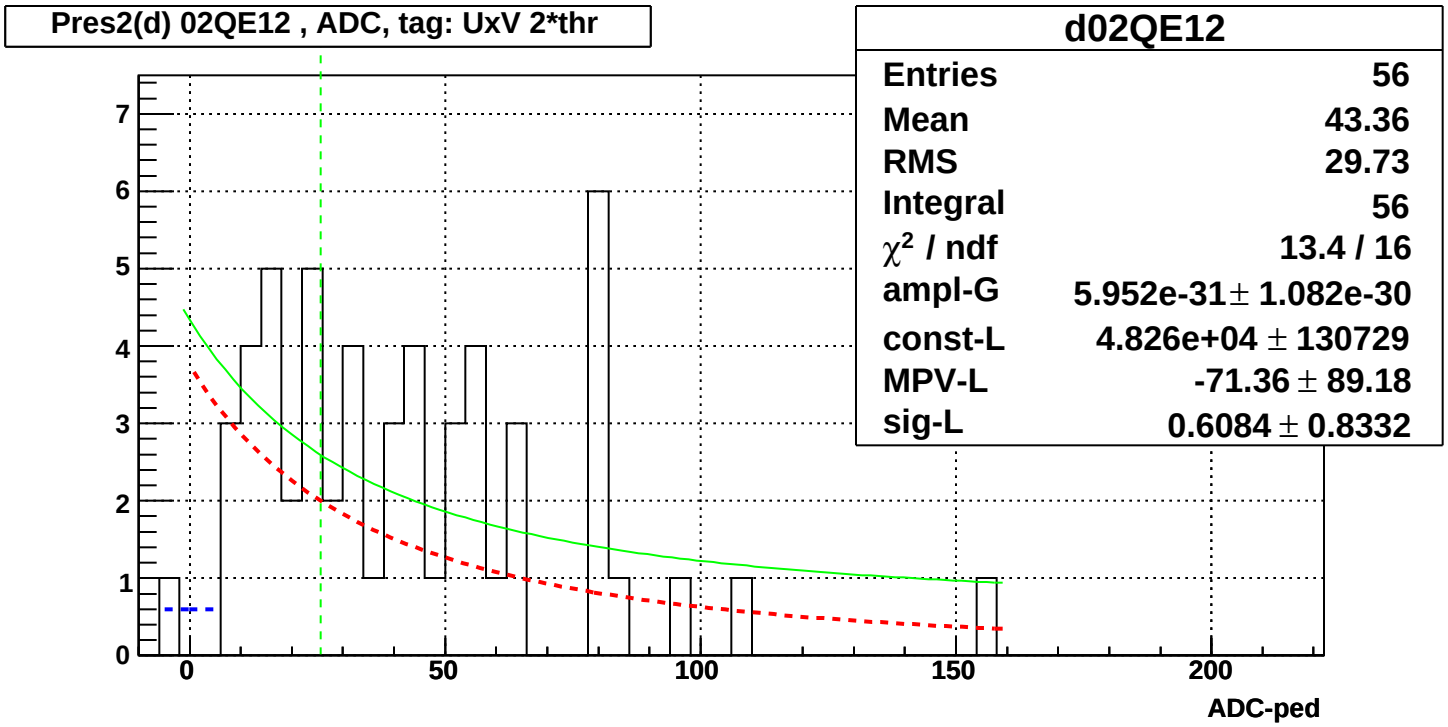

Pres2(a) 02QC12 , inclusive ADC
a02QC12
Entries 504000
Mean 1.075
RMS 7.49
Integral 5.037e+05
χ² / ndf 75 / 2
Constant 3.25e+06 ± 68472
Mean 0.5672 ± 0.0004
Sigma 0.03473 ± 0.00020
ADC-ped

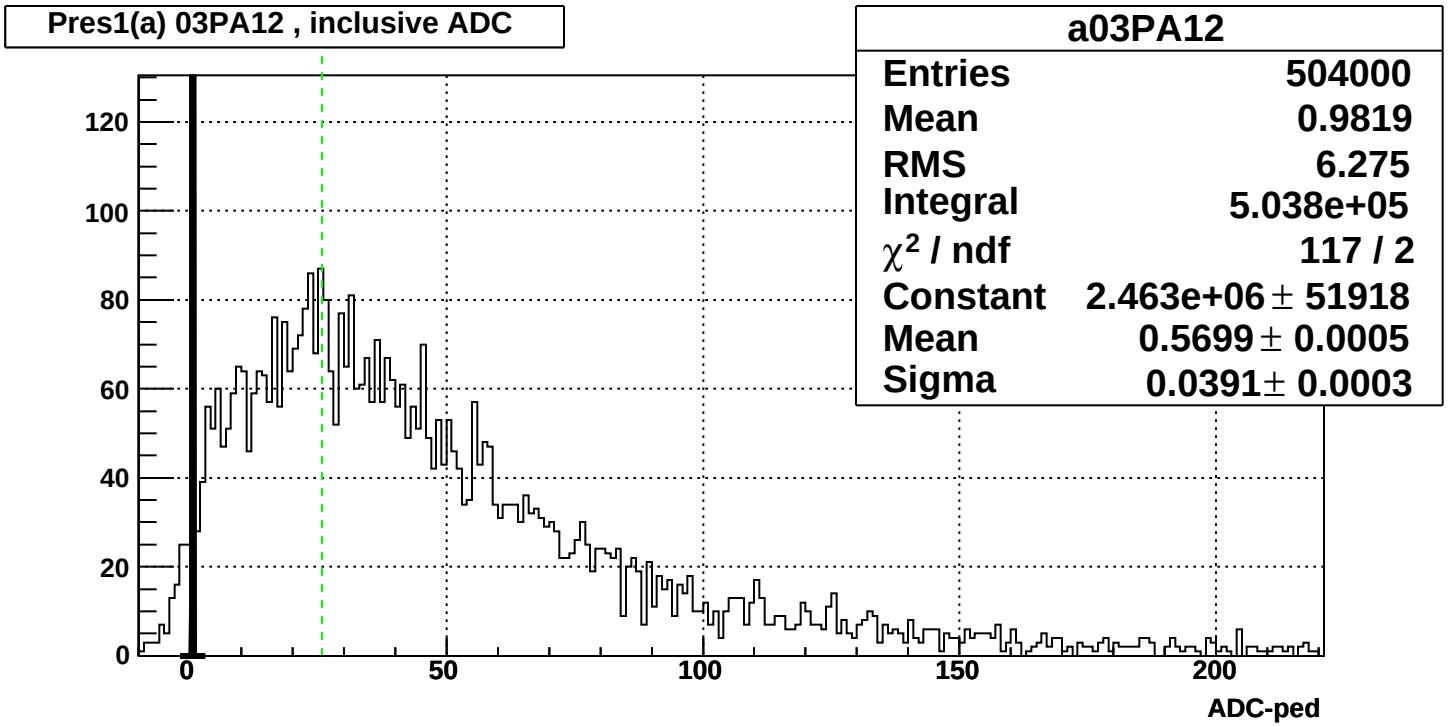

Pres2(d) 02QC12 , ADC, tag: UxV 2*thr
d02QC12
Entries 58
Mean 47.1
RMS 32.88
Integral 58
χ² / ndf 8.773 / 16
ampl-G 2 ± 1.4
const-L 29.47 ± 6.28
MPV-L 32.59 ± 2.74
sig-L 8.171 ± 1.819
ADC-ped

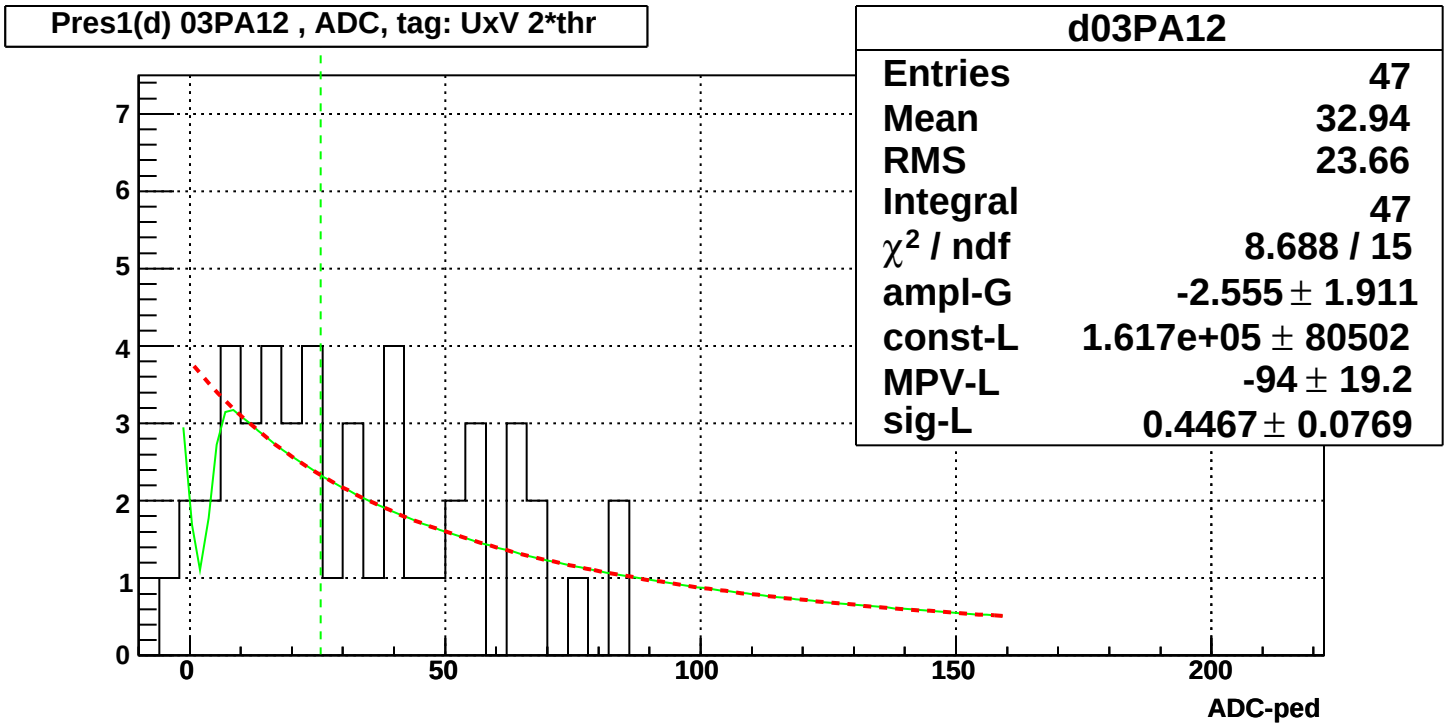

Pres2(a) 02QD12 , inclusive ADC
a02QD12
Entries 504000
Mean 1.088
RMS 7.554
Integral 5.037e+05
χ² / ndf 73 / 2
Constant 3.515e+06 ± 74053
Mean 0.5663 ± 0.0004
Sigma 0.03357 ± 0.00018
ADC-ped

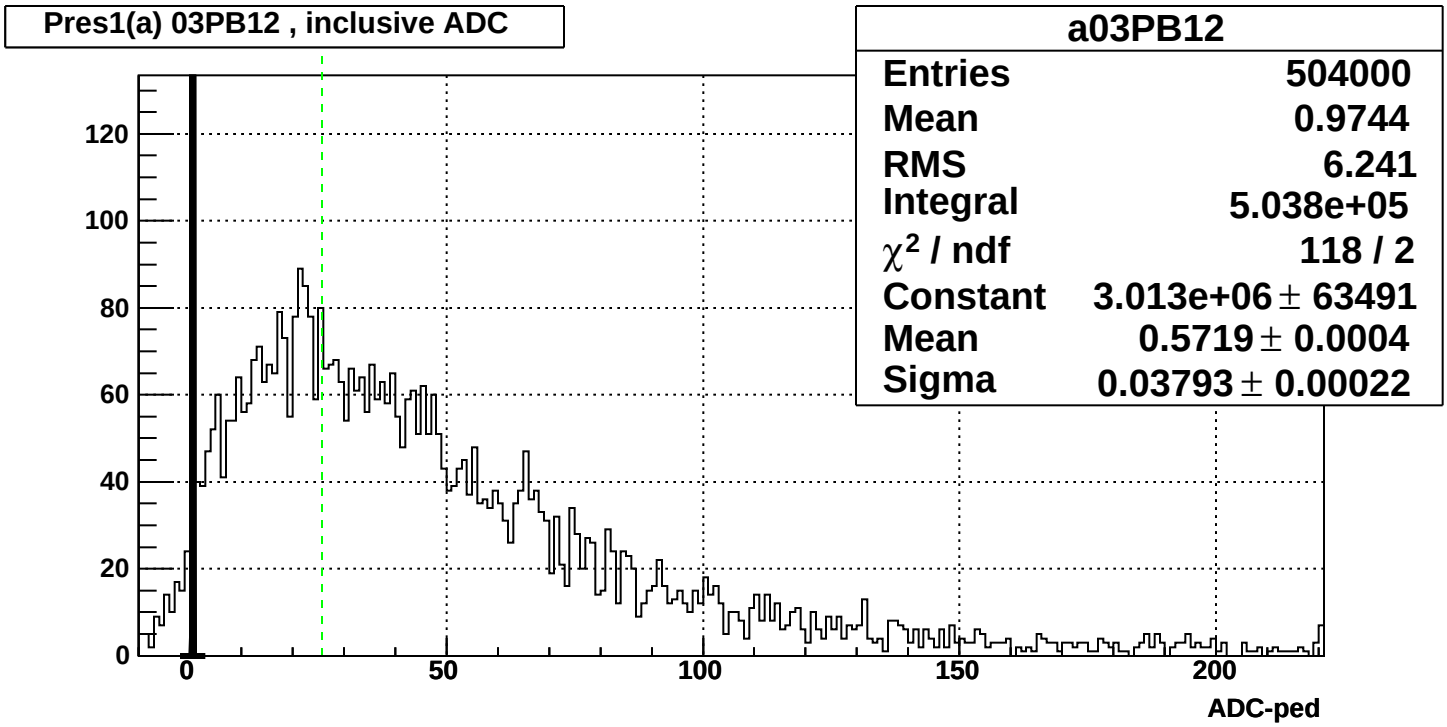

Pres2(d) 02QD12 , ADC, tag: UxV 2*thr
d02QD12
Entries 60
Mean 32.93
RMS 22.16
Integral 60
χ² / ndf 12.8 / 15
ampl-G 3.399 ± 2.051
const-L 24.74 ± 6.85
MPV-L 24.51 ± 4.37
sig-L 9.264 ± 3.405
ADC-ped

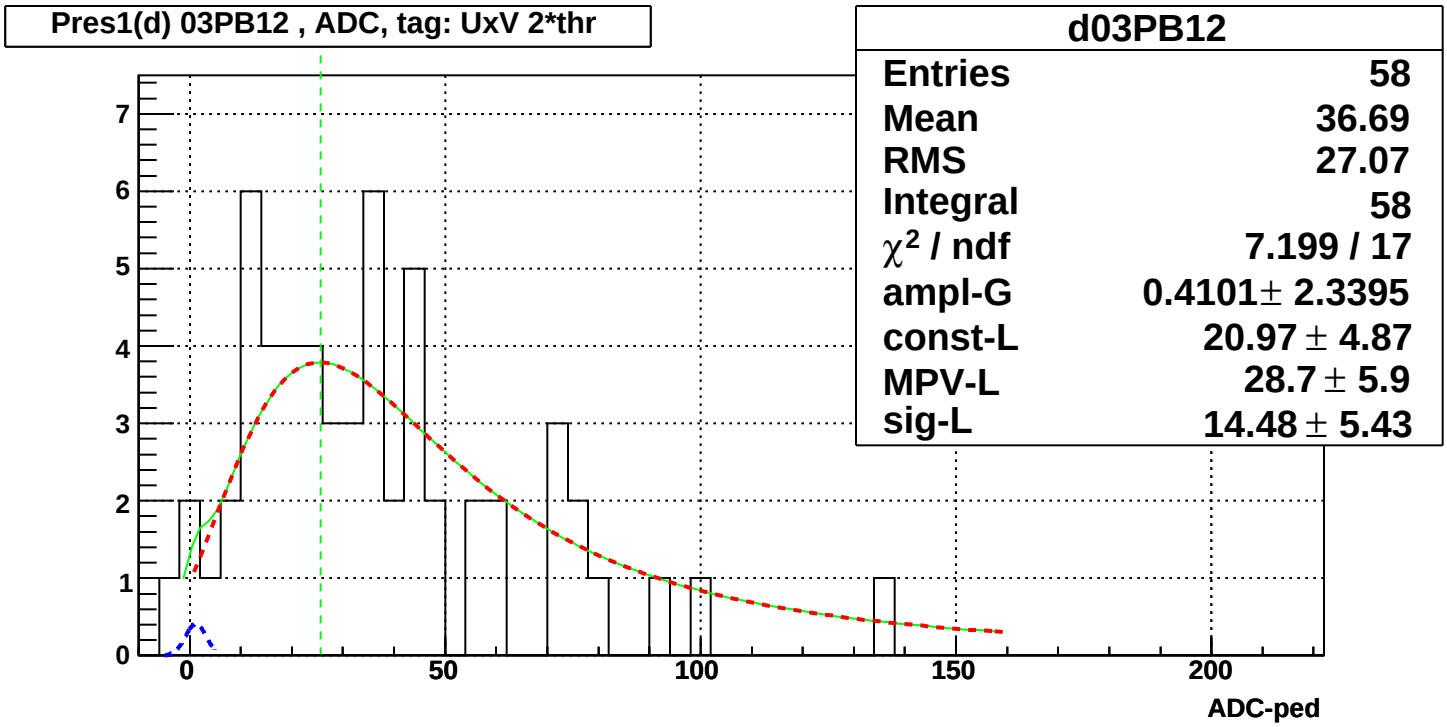

Pres2(a) 02QE12 , inclusive ADC
a02QE12
Entries 504000
Mean 1.089
RMS 7.597
Integral 5.036e+05
χ² / ndf 68 / 2
Constant 3.509e+06 ± 73933
Mean 0.5664 ± 0.0004
Sigma 0.03359 ± 0.00018
ADC-ped

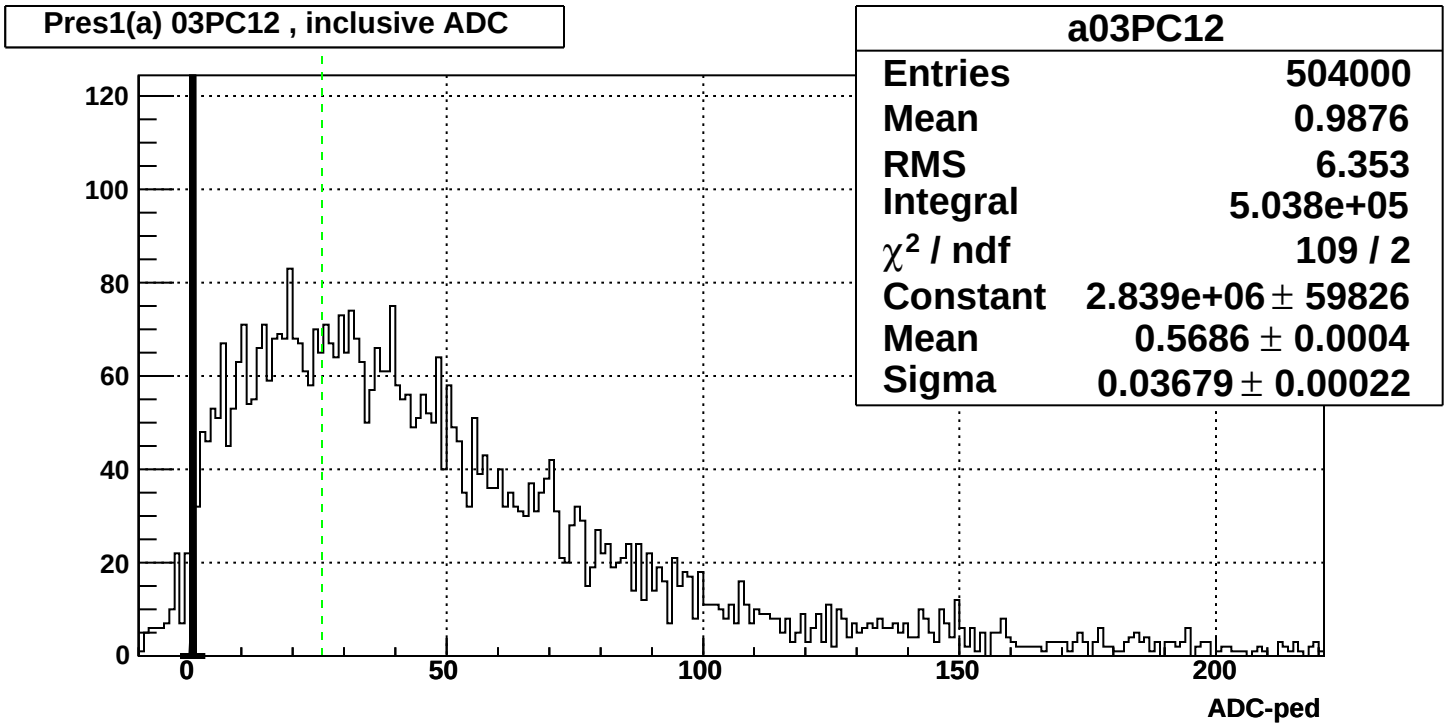

Pres2(d) 02QE12 , ADC, tag: UxV 2*thr
d02QE12
Entries 56
Mean 43.36
RMS 29.73
Integral 56
χ² / ndf 13.4 / 16
ampl-G 5.952e-31 ± 1.082e-30
const-L 4.826e+04 ± 130729
MPV-L -71.36 ± 89.18
sig-L 0.6084 ± 0.8332
ADC-ped

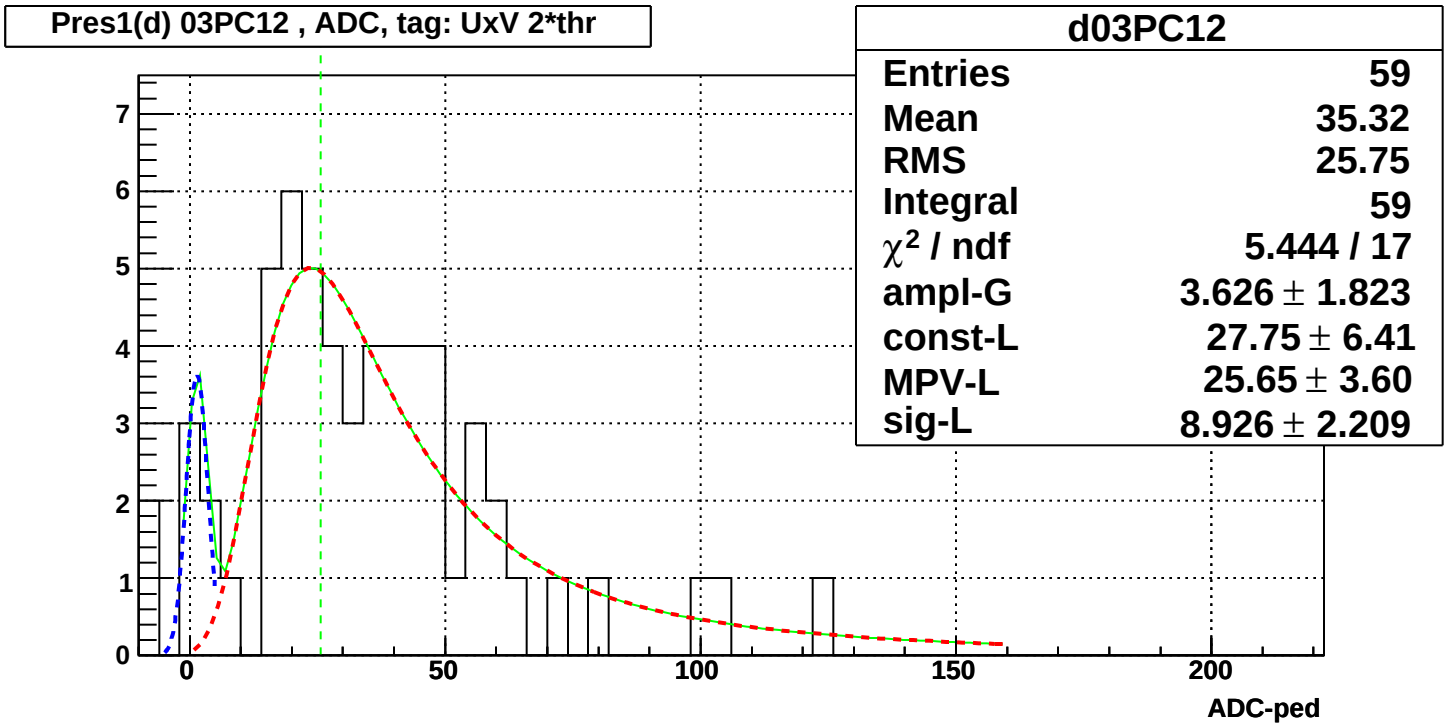

Pres1(a) 03PA12 , inclusive ADC
a03PA12
Entries 504000
Mean 0.9819
RMS 6.275
Integral 5.038e+05
χ² / ndf 117 / 2
Constant 2.463e+06 ± 51918
Mean 0.5699 ± 0.0005
Sigma 0.0391 ± 0.0003
ADC-ped

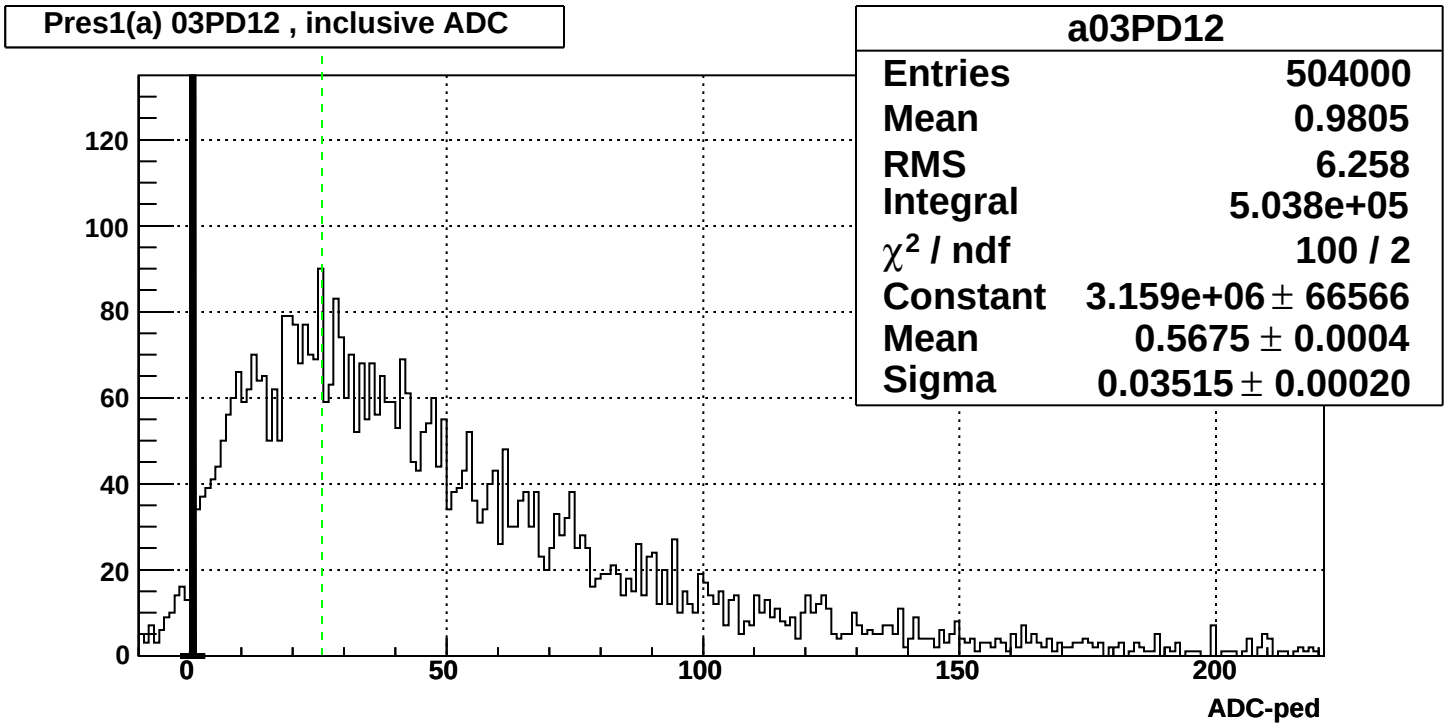

Pres1(d) 03PA12 , ADC, tag: UxV 2*thr
d03PA12
Entries 47
Mean 32.94
RMS 23.66
Integral 47
χ² / ndf 8.688 / 15
ampl-G -2.555 ± 1.911
const-L 1.617e+05 ± 80502
MPV-L -94 ± 19.2
sig-L 0.4467 ± 0.0769
ADC-ped

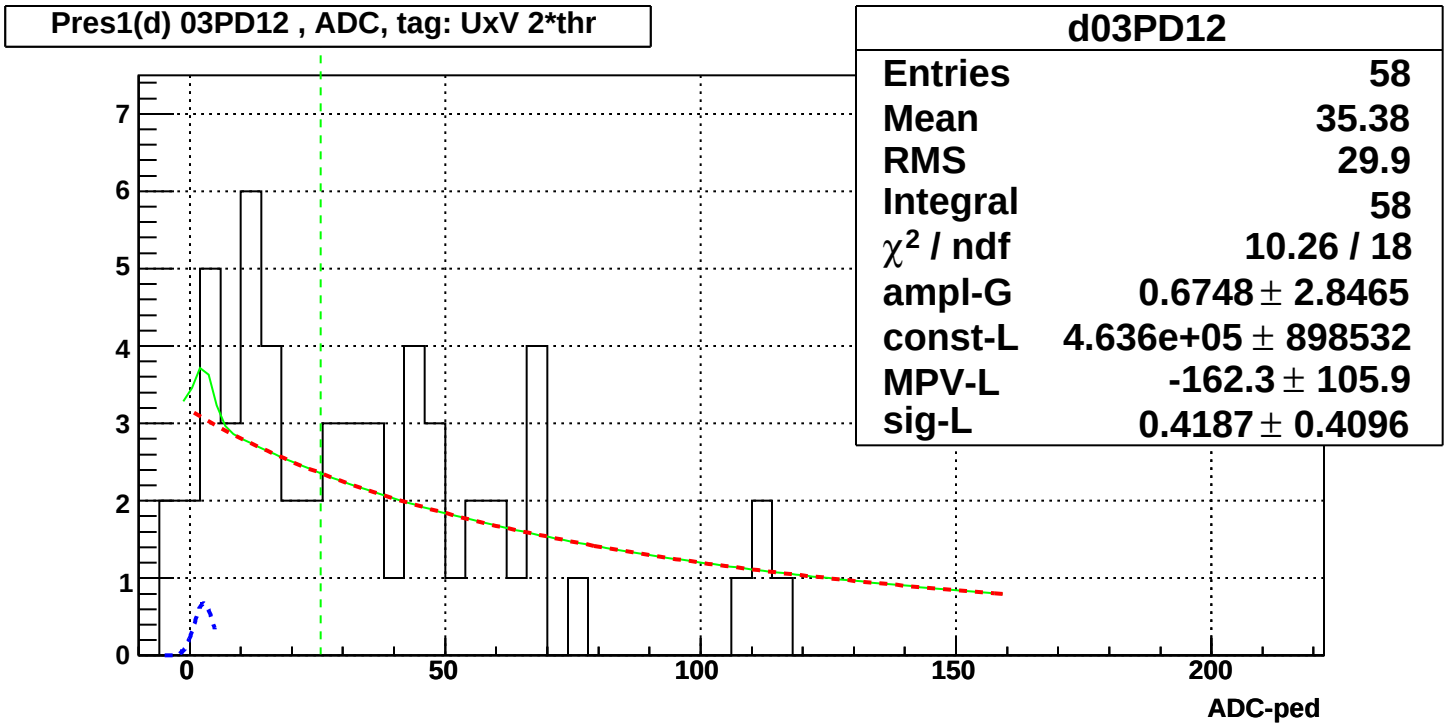

Pres1(a) 03PB12 , inclusive ADC
a03PB12
Entries 504000
Mean 0.9744
RMS 6.241
Integral 5.038e+05
χ² / ndf 118 / 2
Constant 3.013e+06 ± 63491
Mean 0.5719 ± 0.0004
Sigma 0.03793 ± 0.00022
ADC-ped

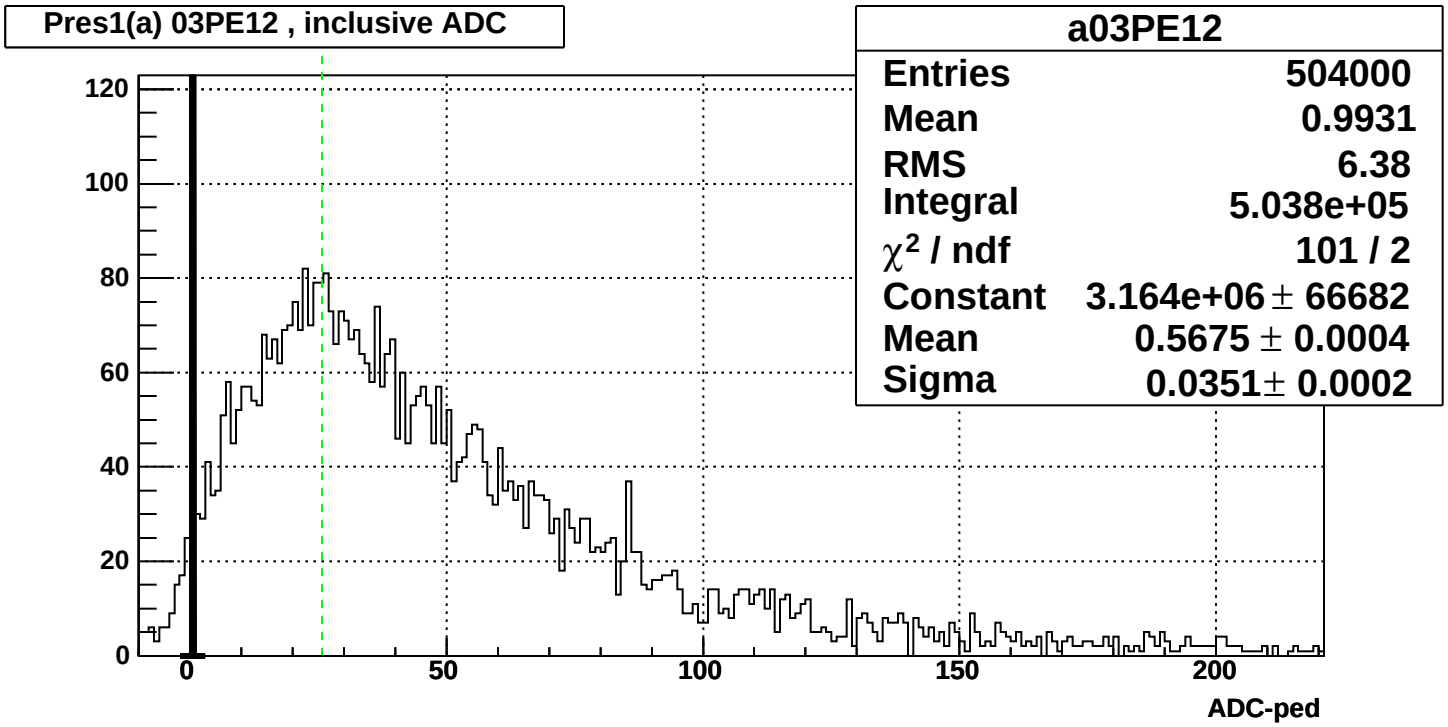

Pres1(d) 03PB12 , ADC, tag: UxV 2*thr
d03PB12
Entries 58
Mean 36.69
RMS 27.07
Integral 58
χ² / ndf 7.199 / 17
ampl-G 0.4101 ± 2.3395
const-L 20.97 ± 4.87
MPV-L 28.7 ± 5.9
sig-L 14.48 ± 5.43
ADC-ped

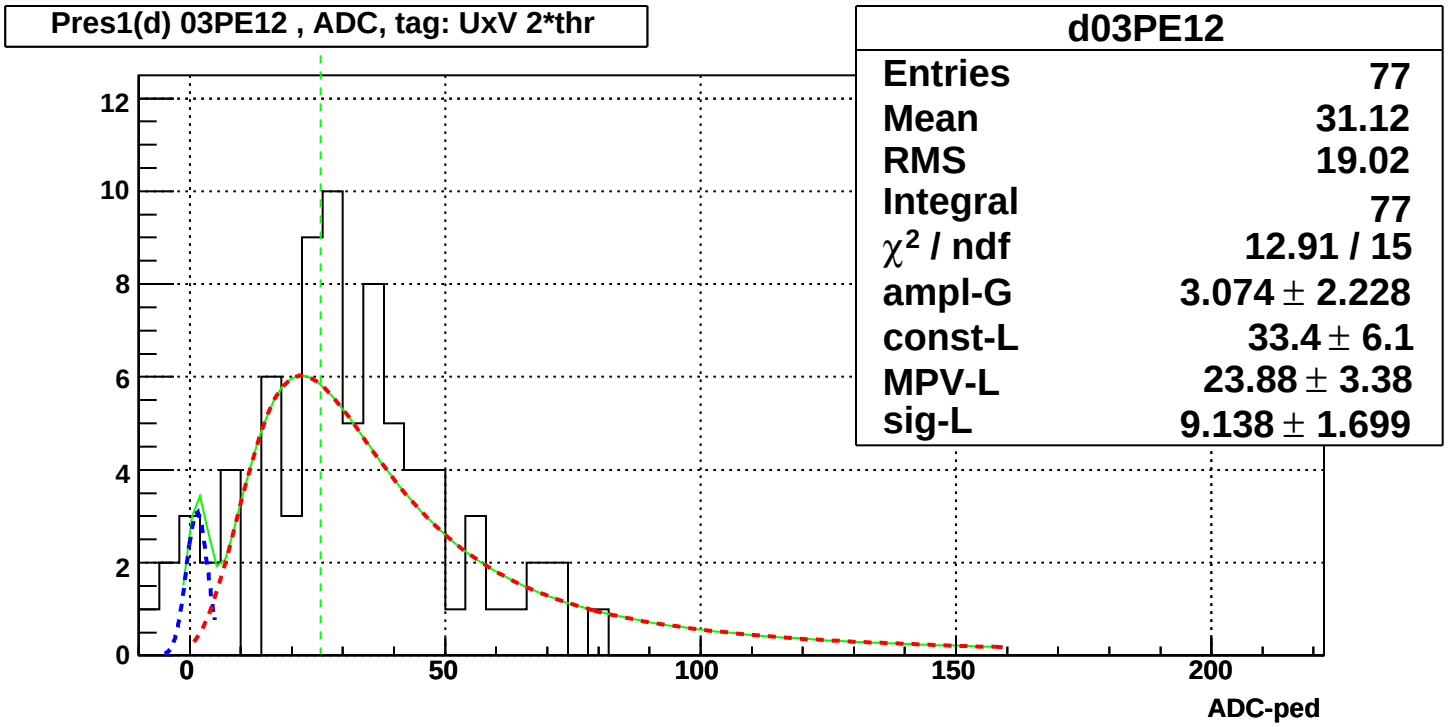

Pres1(a) 03PC12 , inclusive ADC
a03PC12
Entries 504000
Mean 0.9876
RMS 6.353
Integral 5.038e+05
χ² / ndf 109 / 2
Constant 2.839e+06 ± 59826
Mean 0.5686 ± 0.0004
Sigma 0.03679 ± 0.00022
ADC-ped

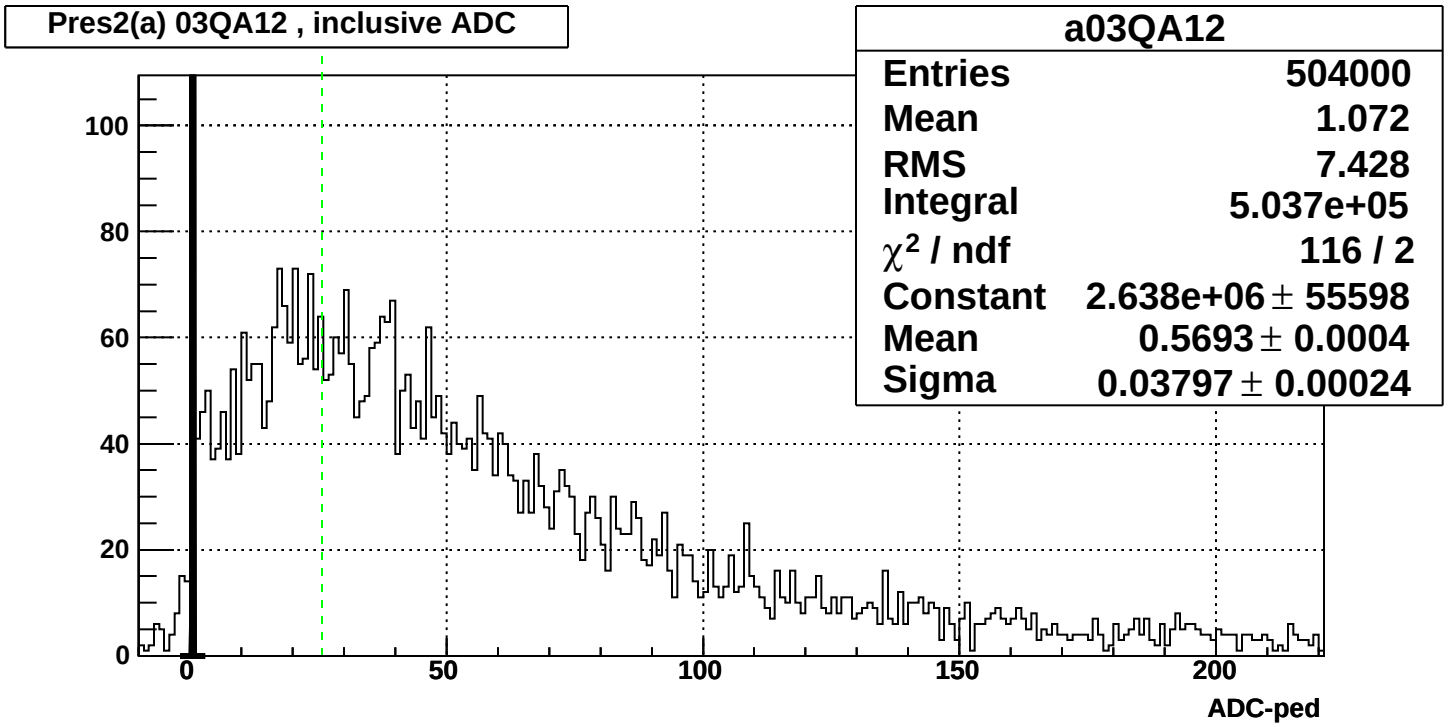

Pres1(d) 03PC12 , ADC, tag: UxV 2*thr
d03PC12
Entries 59
Mean 35.32
RMS 25.75
Integral 59
χ² / ndf 5.444 / 17
ampl-G 3.626 ± 1.823
const-L 27.75 ± 6.41
MPV-L 25.65 ± 3.60
sig-L 8.926 ± 2.209
ADC-ped

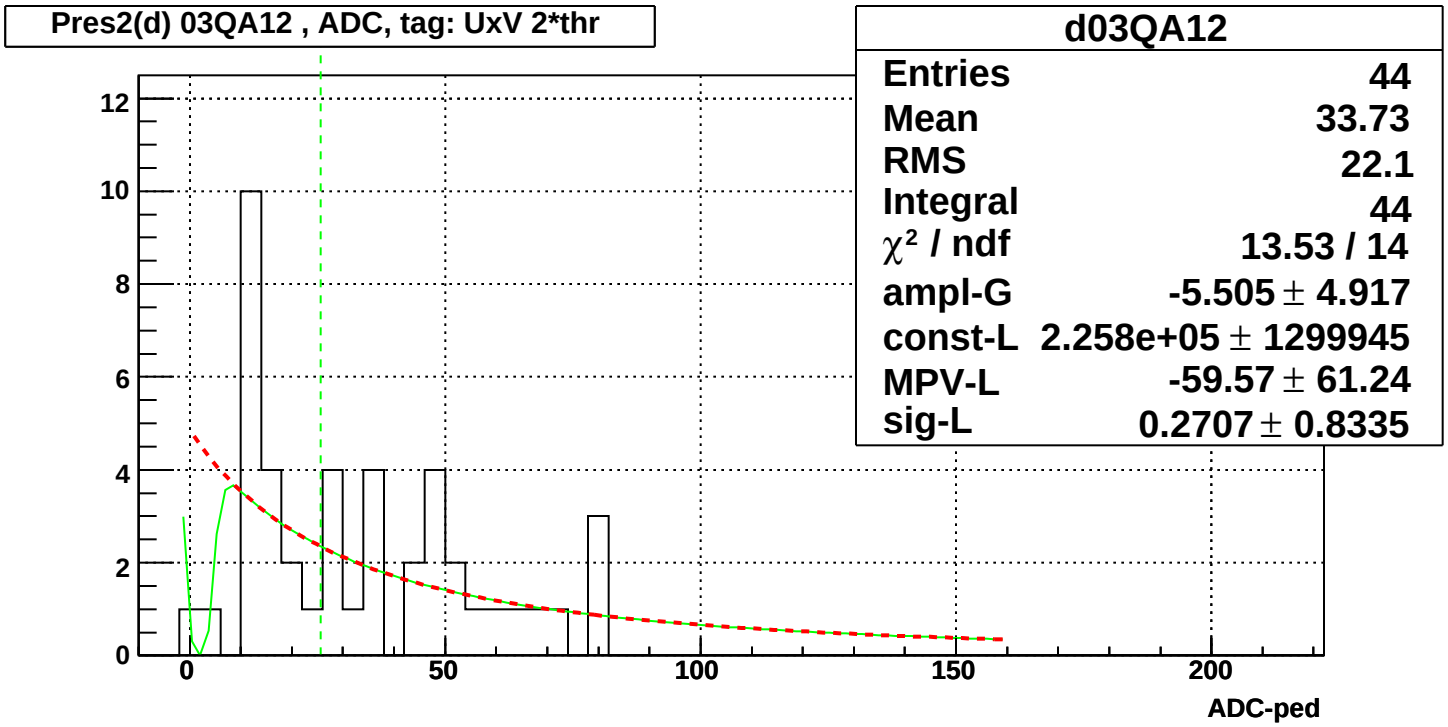

Pres1(a) 03PD12 , inclusive ADC
a03PD12
Entries 504000
Mean 0.9805
RMS 6.258
Integral 5.038e+05
χ² / ndf 100 / 2
Constant 3.159e+06 ± 66566
Mean 0.5675 ± 0.0004
Sigma 0.03515 ± 0.00020
0
20
40
60
80
100
120
0
50
100
150
200
ADC-ped

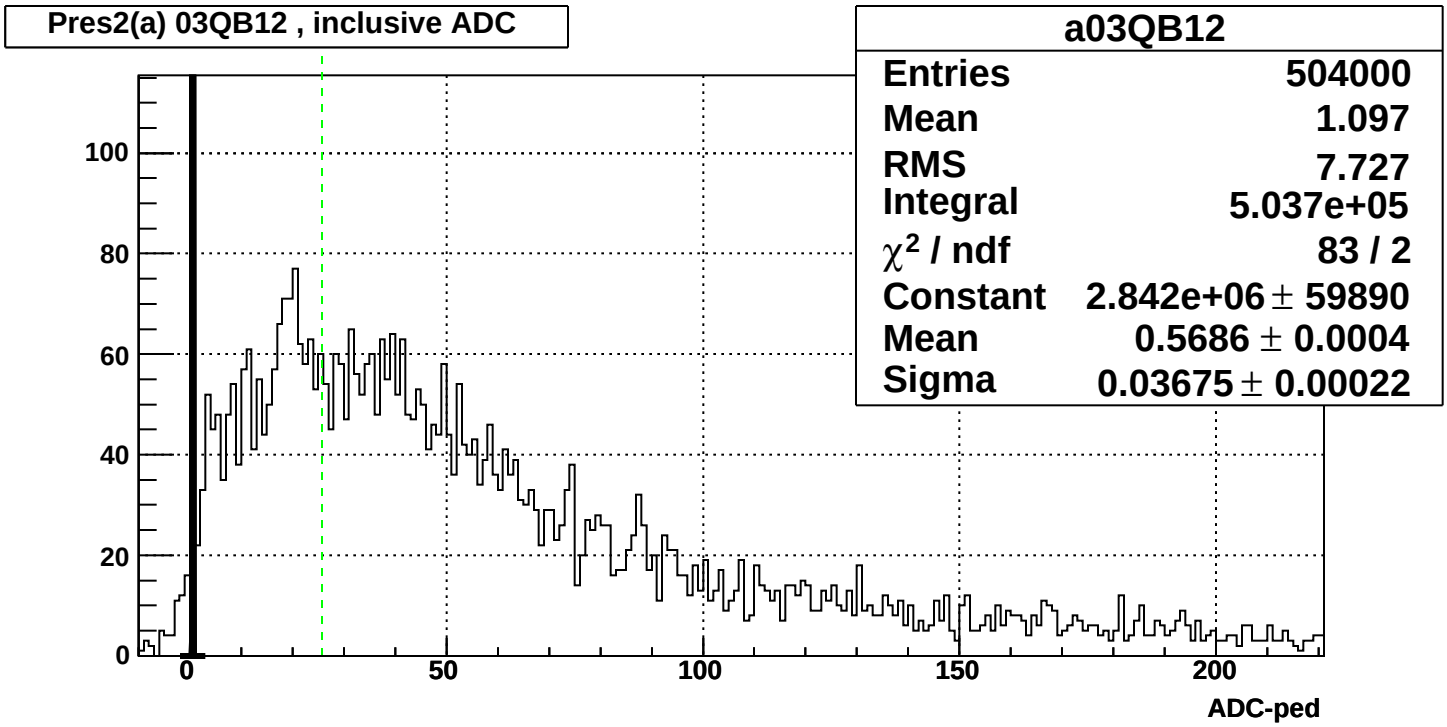

Pres1(d) 03PD12 , ADC, tag: UxV 2*thr
d03PD12
Entries 58
Mean 35.38
RMS 29.9
Integral 58
χ² / ndf 10.26 / 18
ampl-G 0.6748 ± 2.8465
const-L 4.636e+05 ± 898532
MPV-L -162.3 ± 105.9
sig-L 0.4187 ± 0.4096
0
1
2
3
4
5
6
7
0
50
100
150
200
ADC-ped

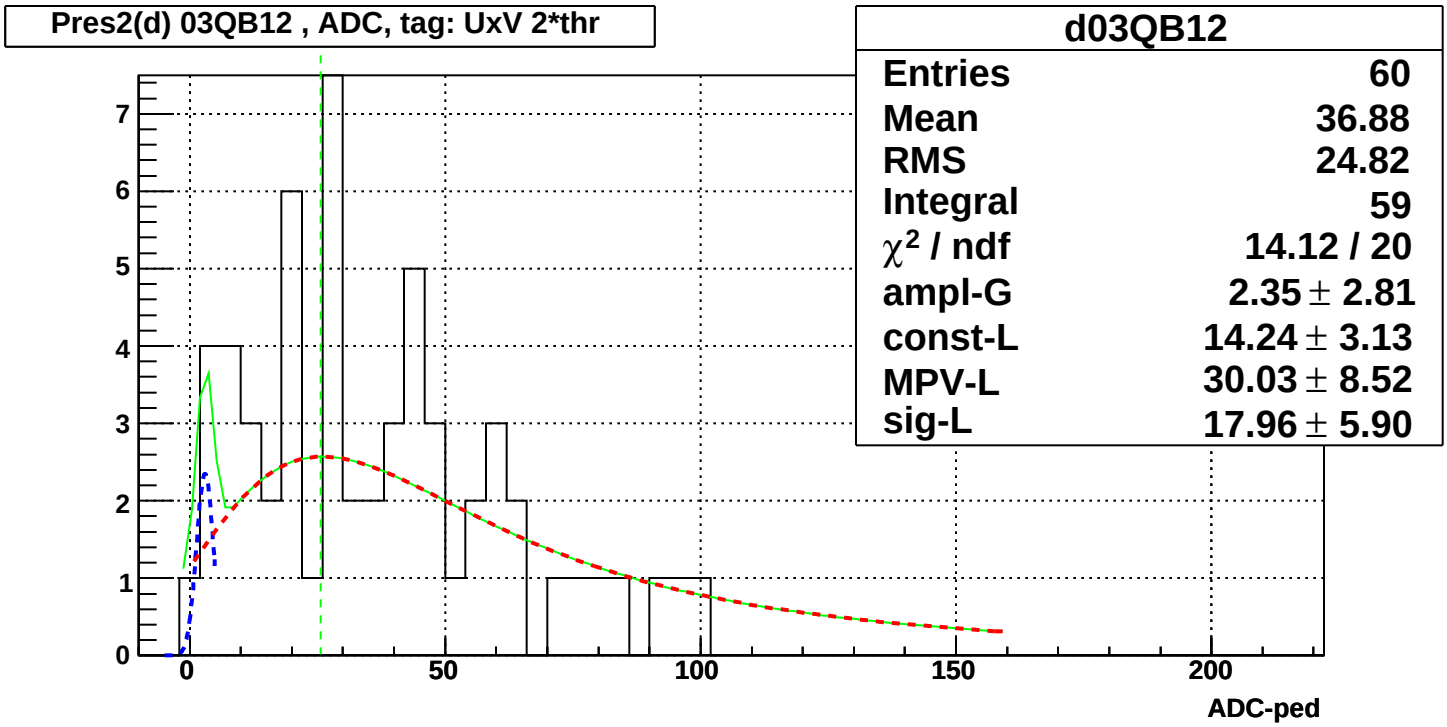

Pres1(a) 03PE12 , inclusive ADC
a03PE12
Entries 504000
Mean 0.9931
RMS 6.38
Integral 5.038e+05
χ² / ndf 101 / 2
Constant 3.164e+06 ± 66682
Mean 0.5675 ± 0.0004
Sigma 0.0351 ± 0.0002
ADC-ped

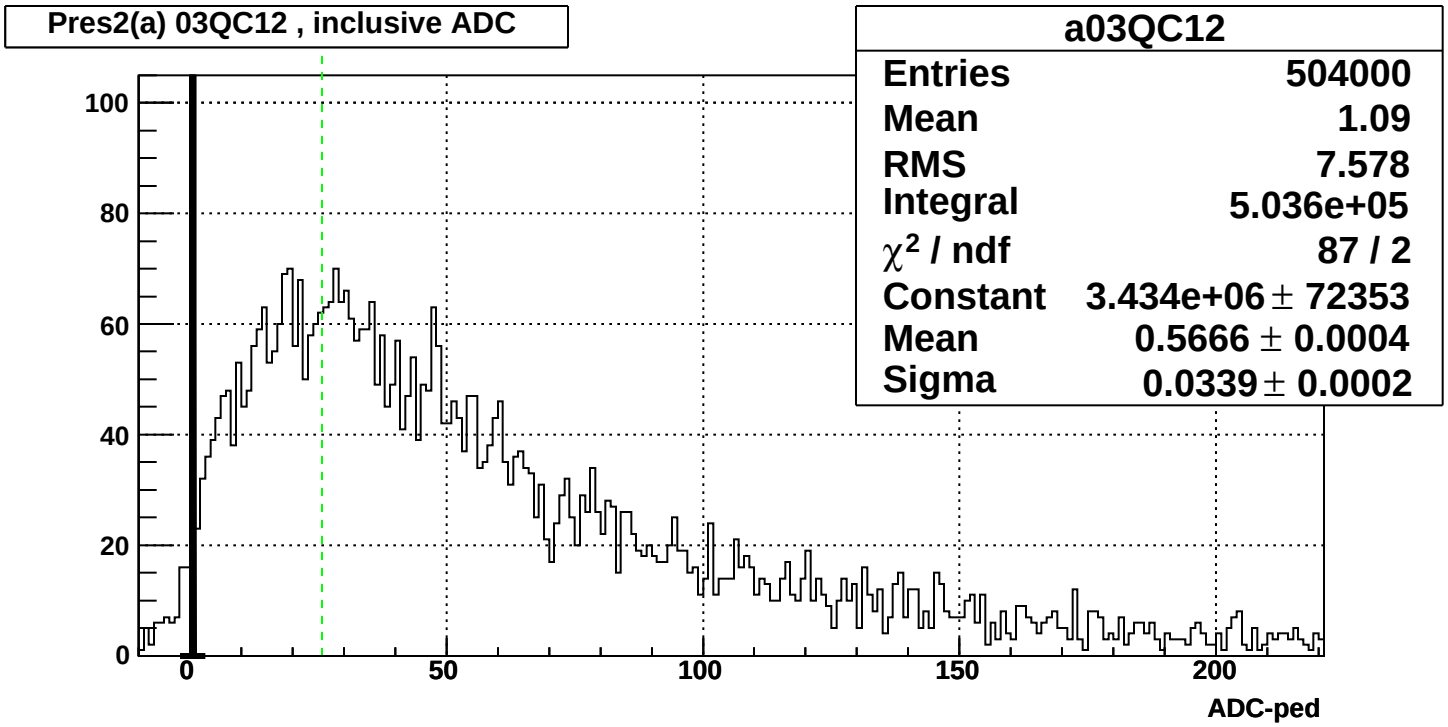

Pres1(d) 03PE12 , ADC, tag: UxV 2*thr
d03PE12
Entries 77
Mean 31.12
RMS 19.02
Integral 77
χ² / ndf 12.91 / 15
ampl-G 3.074 ± 2.228
const-L 33.4 ± 6.1
MPV-L 23.88 ± 3.38
sig-L 9.138 ± 1.699
ADC-ped

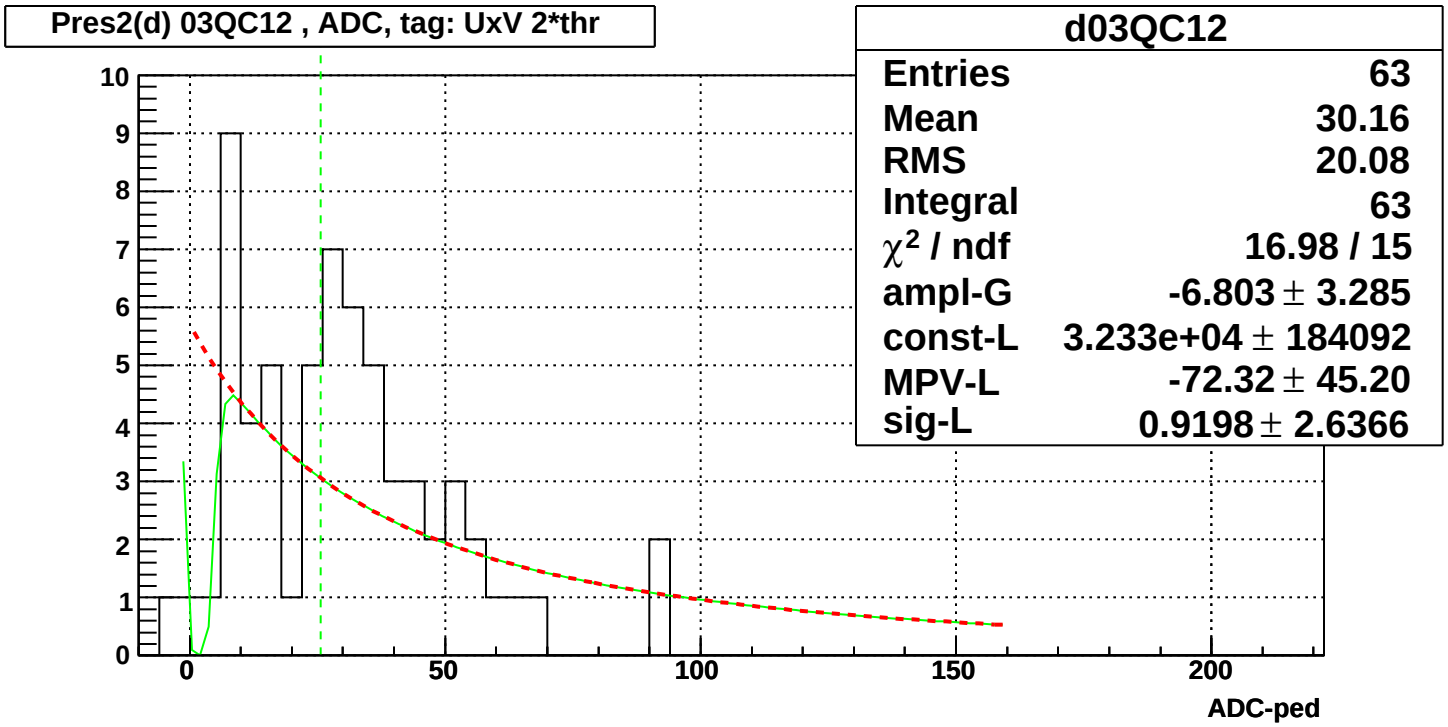

Pres2(a) 03QA12 , inclusive ADC
a03QA12
Entries 504000
Mean 1.072
RMS 7.428
Integral 5.037e+05
χ² / ndf 116 / 2
Constant 2.638e+06 ± 55598
Mean 0.5693 ± 0.0004
Sigma 0.03797 ± 0.00024
ADC-ped

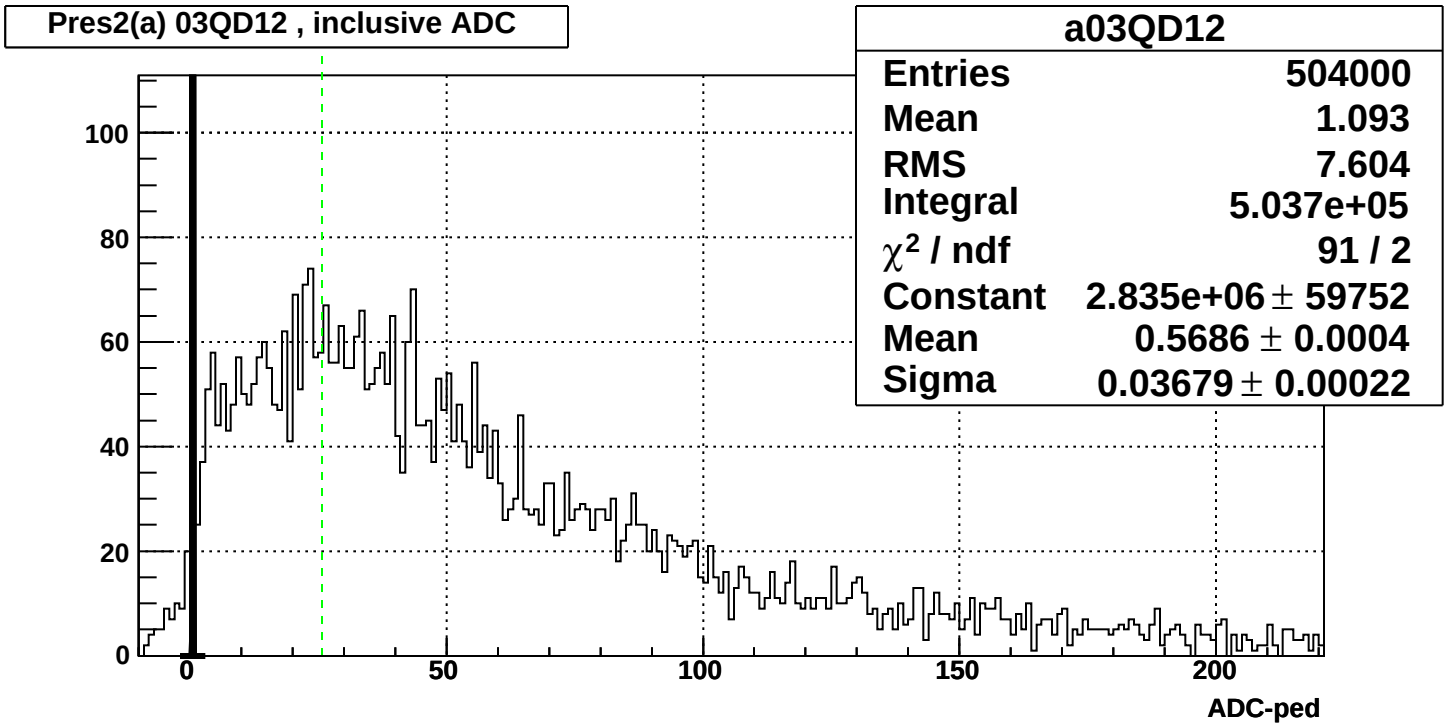

Pres2(d) 03QA12 , ADC, tag: UxV 2*thr
d03QA12
Entries 44
Mean 33.73
RMS 22.1
Integral 44
χ² / ndf 13.53 / 14
ampl-G -5.505 ± 4.917
const-L 2.258e+05 ± 1299945
MPV-L -59.57 ± 61.24
sig-L 0.2707 ± 0.8335
ADC-ped

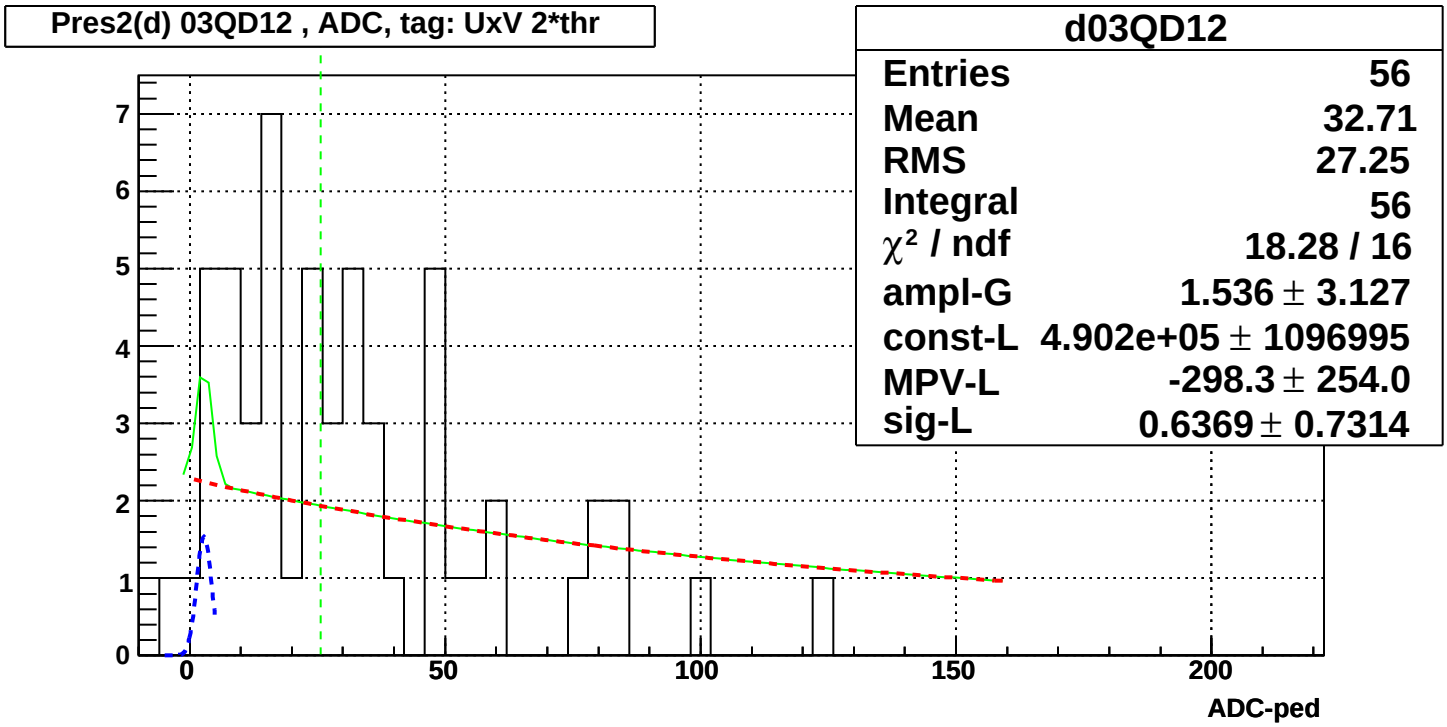

Pres2(a) 03QB12 , inclusive ADC
a03QB12
Entries 504000
Mean 1.097
RMS 7.727
Integral 5.037e+05
χ² / ndf 83 / 2
Constant 2.842e+06 ± 59890
Mean 0.5686 ± 0.0004
Sigma 0.03675 ± 0.00022
0
20
40
60
80
100
0
50
100
150
200
ADC-ped

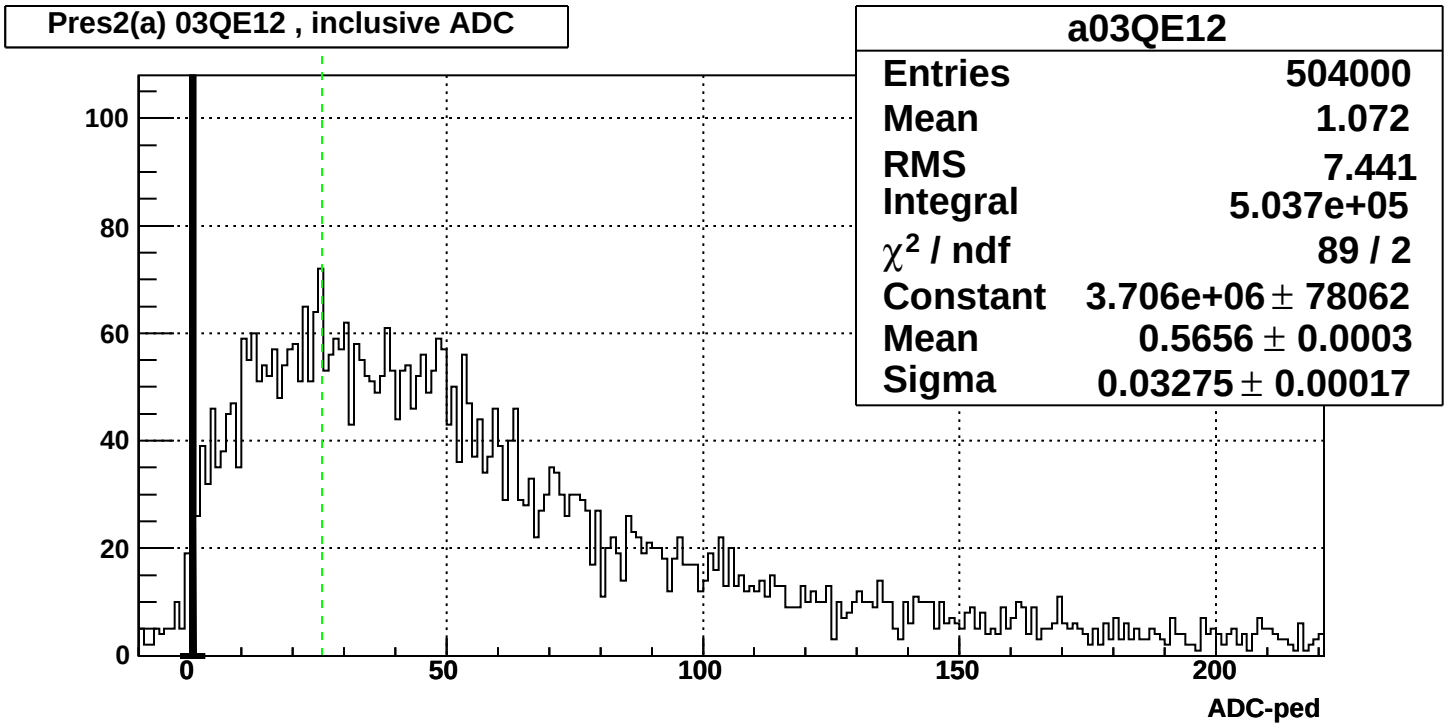

Pres2(d) 03QB12 , ADC, tag: UxV 2*thr
d03QB12
Entries 60
Mean 36.88
RMS 24.82
Integral 59
χ² / ndf 14.12 / 20
ampl-G 2.35 ± 2.81
const-L 14.24 ± 3.13
MPV-L 30.03 ± 8.52
sig-L 17.96 ± 5.90
0
1
2
3
4
5
6
7
0
50
100
150
200
ADC-ped

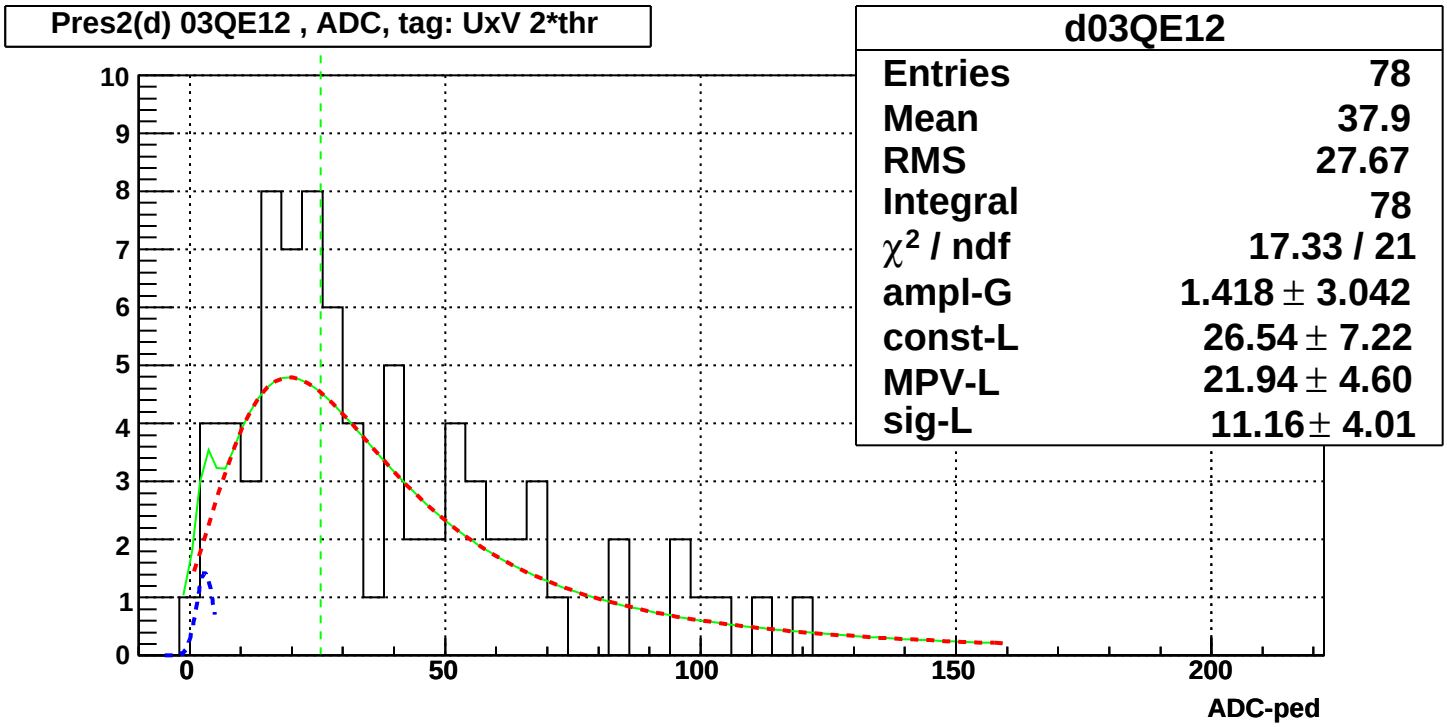

Pres2(a) 03QC12 , inclusive ADC
a03QC12
Entries 504000
Mean 1.09
RMS 7.578
Integral 5.036e+05
χ² / ndf 87 / 2
Constant 3.434e+06 ± 72353
Mean 0.5666 ± 0.0004
Sigma 0.0339 ± 0.0002
ADC-ped

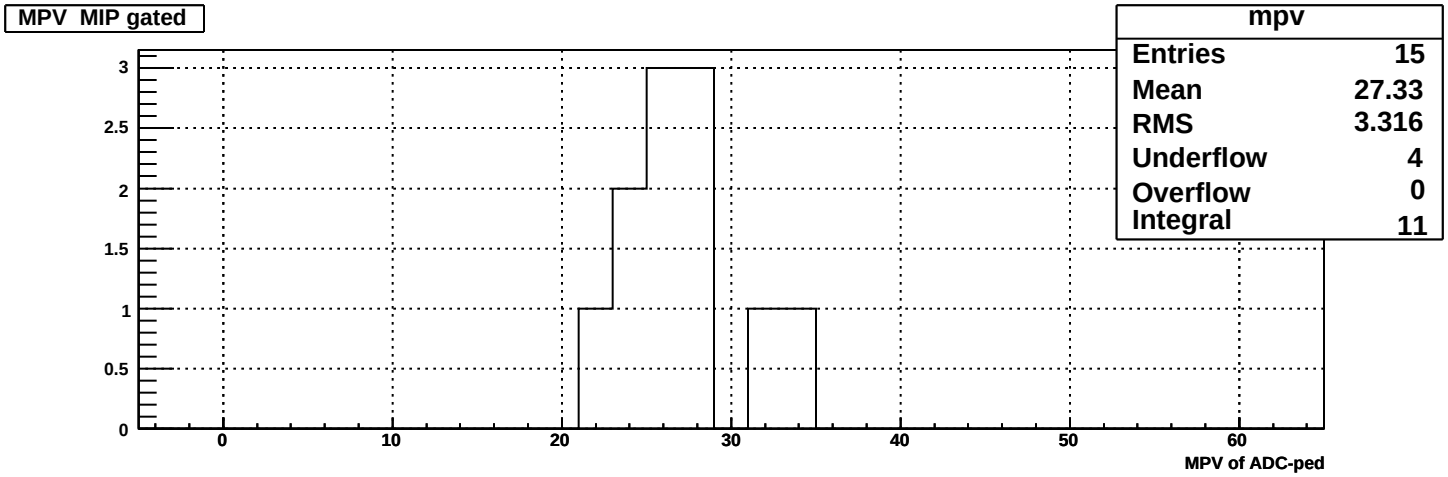

Pres2(d) 03QC12 , ADC, tag: UxV 2*thr
d03QC12
Entries 63
Mean 30.16
RMS 20.08
Integral 63
χ² / ndf 16.98 / 15
ampl-G -6.803 ± 3.285
const-L 3.233e+04 ± 184092
MPV-L -72.32 ± 45.20
sig-L 0.9198 ± 2.6366
ADC-ped

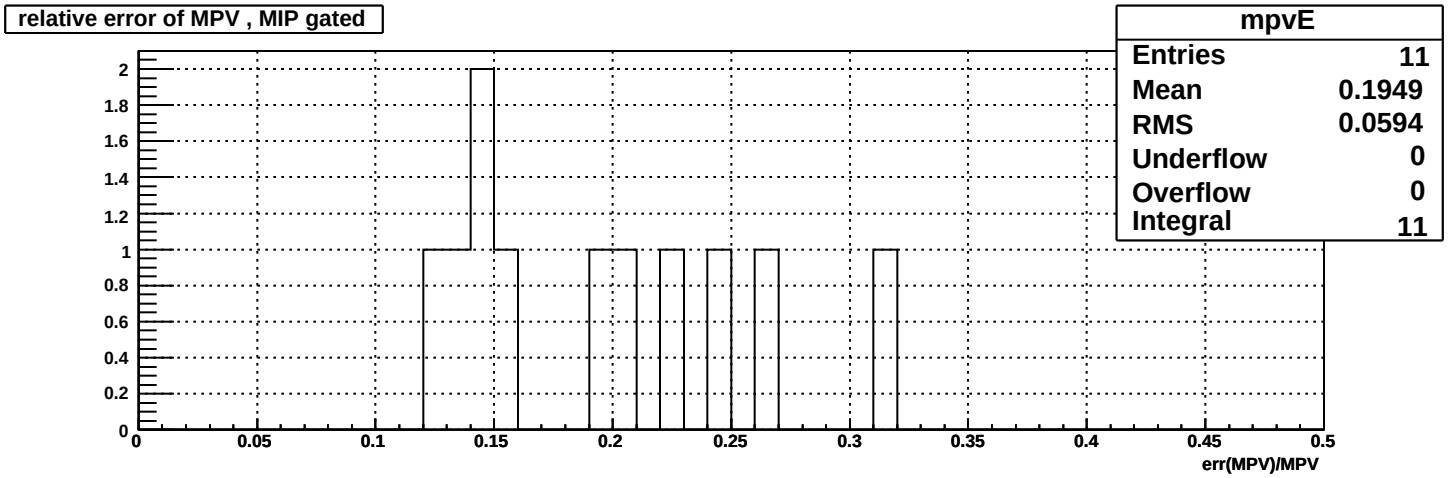

Pres2(a) 03QD12 , inclusive ADC
a03QD12
Entries 504000
Mean 1.093
RMS 7.604
Integral 5.037e+05
χ² / ndf 91 / 2
Constant 2.835e+06 ± 59752
Mean 0.5686 ± 0.0004
Sigma 0.03679 ± 0.00022
ADC-ped

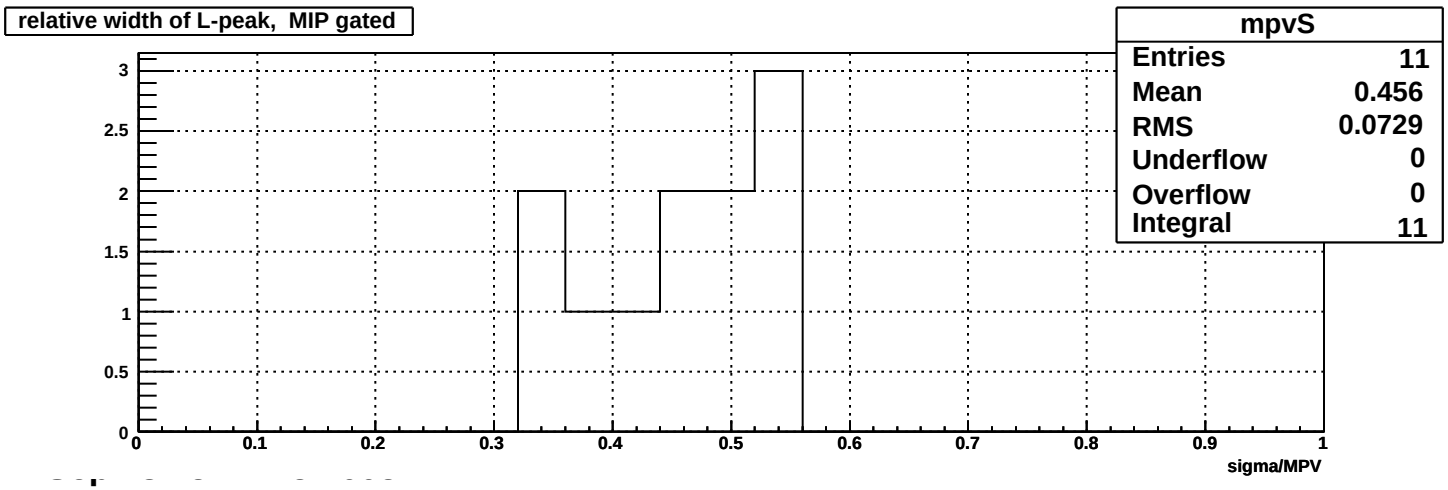

Pres2(d) 03QD12 , ADC, tag: UxV 2*thr
d03QD12
Entries 56
Mean 32.71
RMS 27.25
Integral 56
χ² / ndf 18.28 / 16
ampl-G 1.536 ± 3.127
const-L 4.902e+05 ± 1096995
MPV-L -298.3 ± 254.0
sig-L 0.6369 ± 0.7314
ADC-ped


Pres2(a) 03QE12 , inclusive ADC
a03QE12
Entries 504000
Mean 1.072
RMS 7.441
Integral 5.037e+05
χ² / ndf 89 / 2
Constant 3.706e+06 ± 78062
Mean 0.5656 ± 0.0003
Sigma 0.03275 ± 0.00017
ADC-ped


Pres2(d) 03QE12 , ADC, tag: UxV 2*thr
d03QE12
Entries 78
Mean 37.9
RMS 27.67
Integral 78
χ² / ndf 17.33 / 21
ampl-G 1.418 ± 3.042
const-L 26.54 ± 7.22
MPV-L 21.94 ± 4.60
sig-L 11.16 ± 4.01
ADC-ped


MPV MIP gated
mpv
Entries 15
Mean 27.33
RMS 3.316
Underflow 4
Overflow 0
Integral 11
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 11
Mean 0.1949
RMS 0.0594
Underflow 0
Overflow 0
Integral 11
err(MPV)/MPV


relative width of L-peak, MIP gated
mpvS
Entries 11
Mean 0.456
RMS 0.0729
Underflow 0
Overflow 0
Integral 11
sigma/MPV