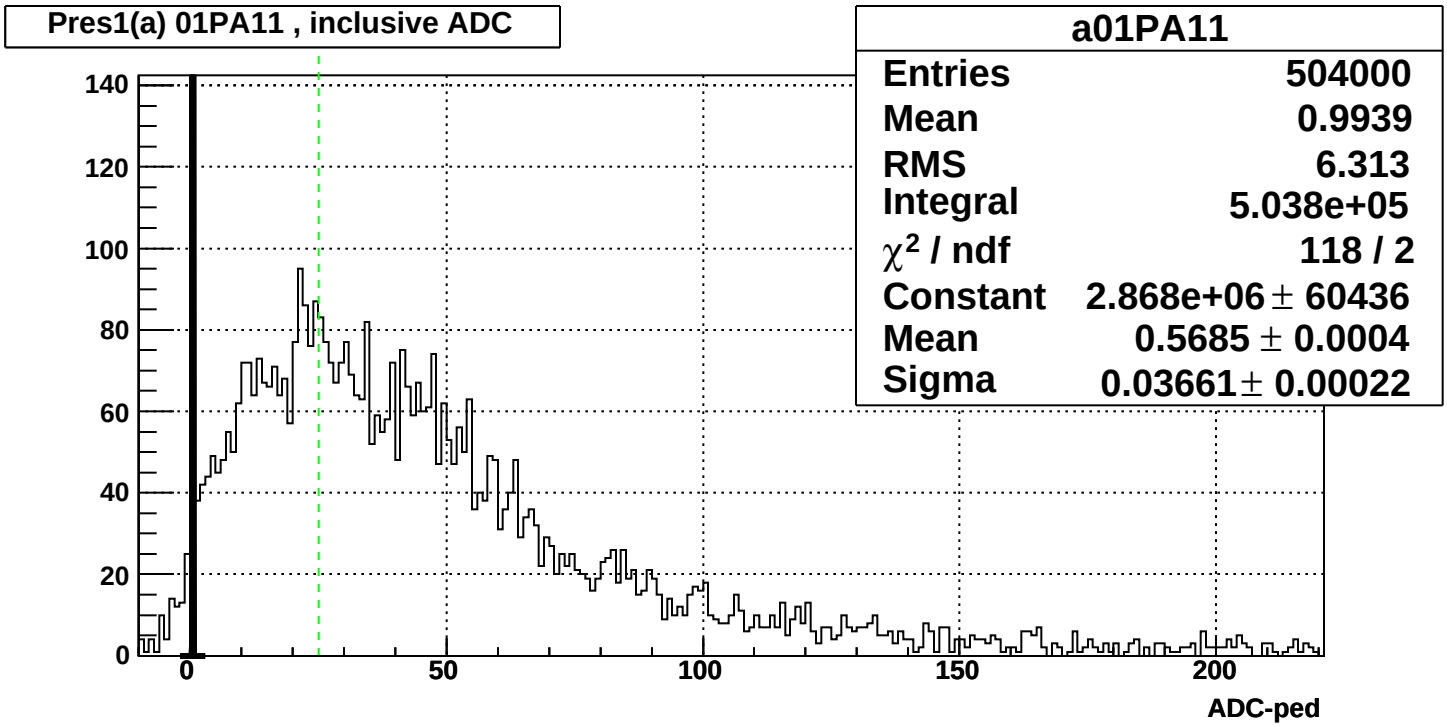
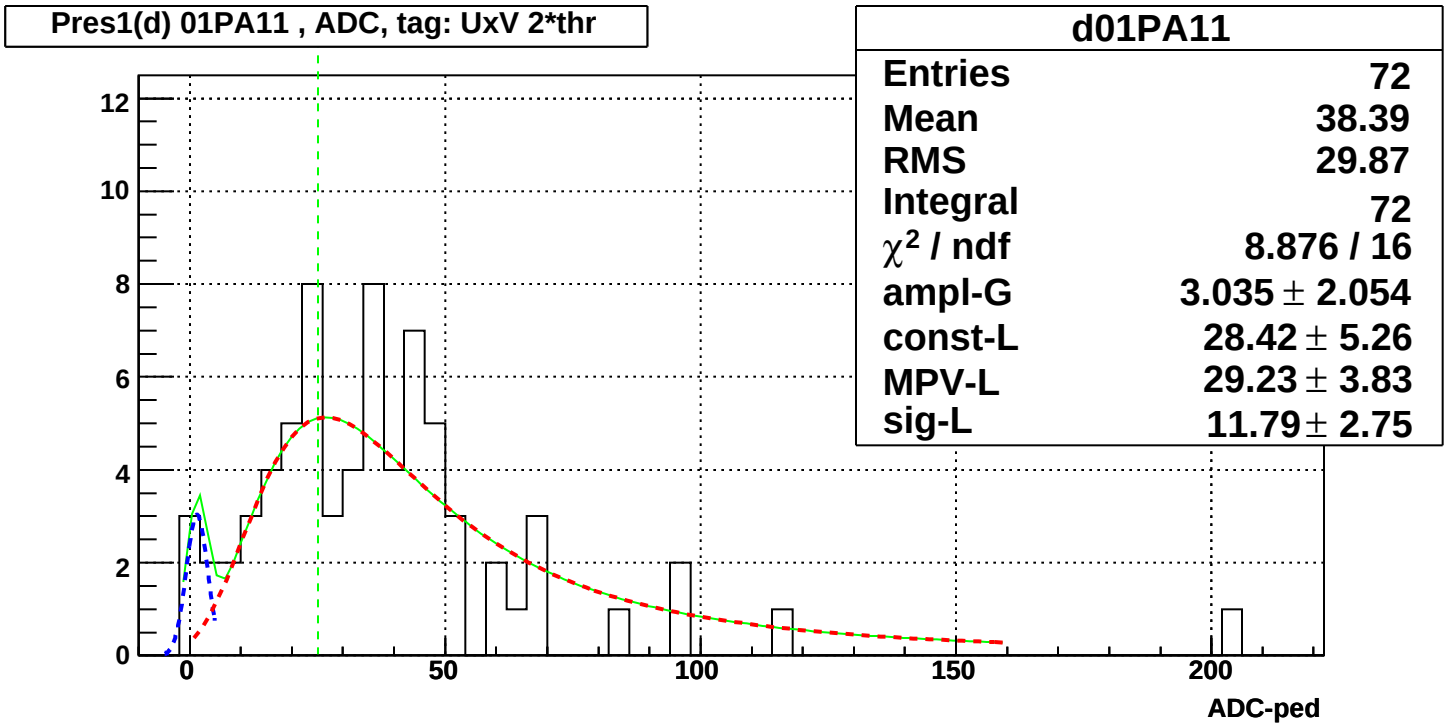
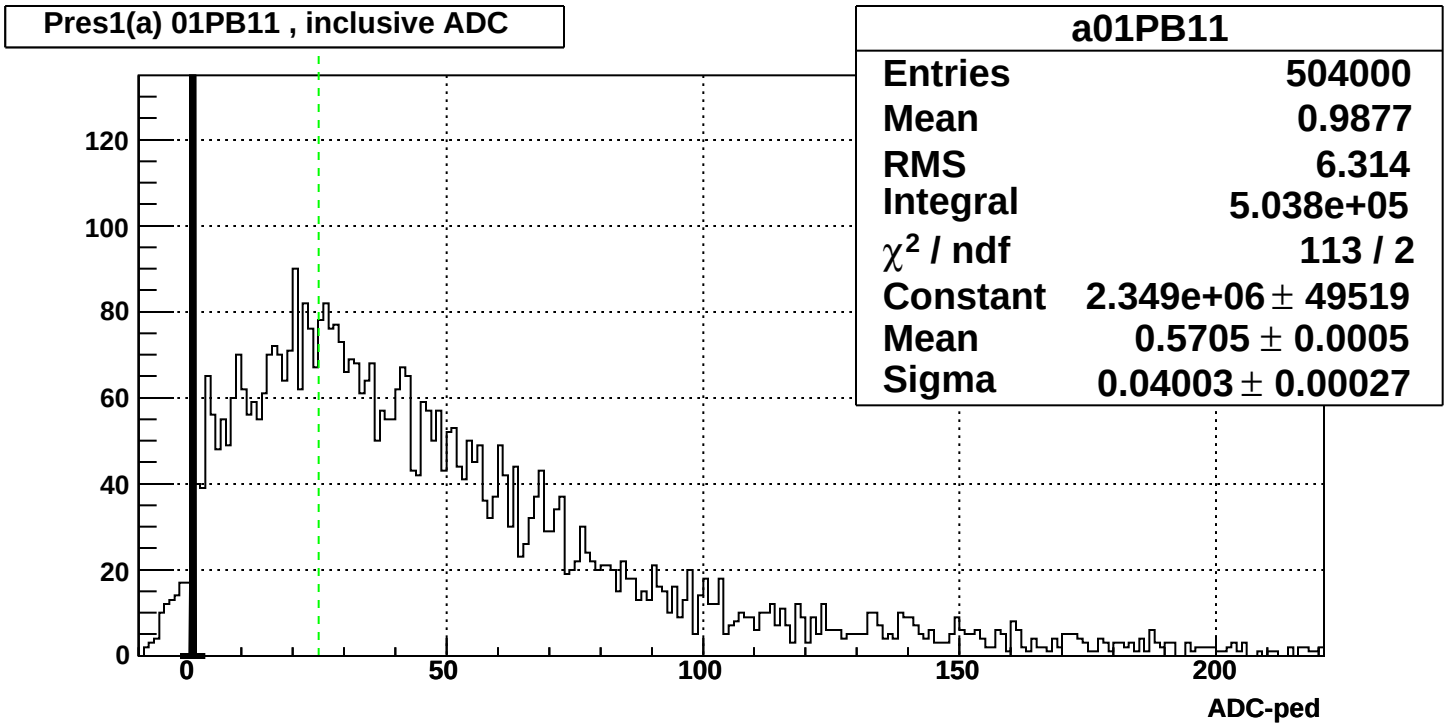
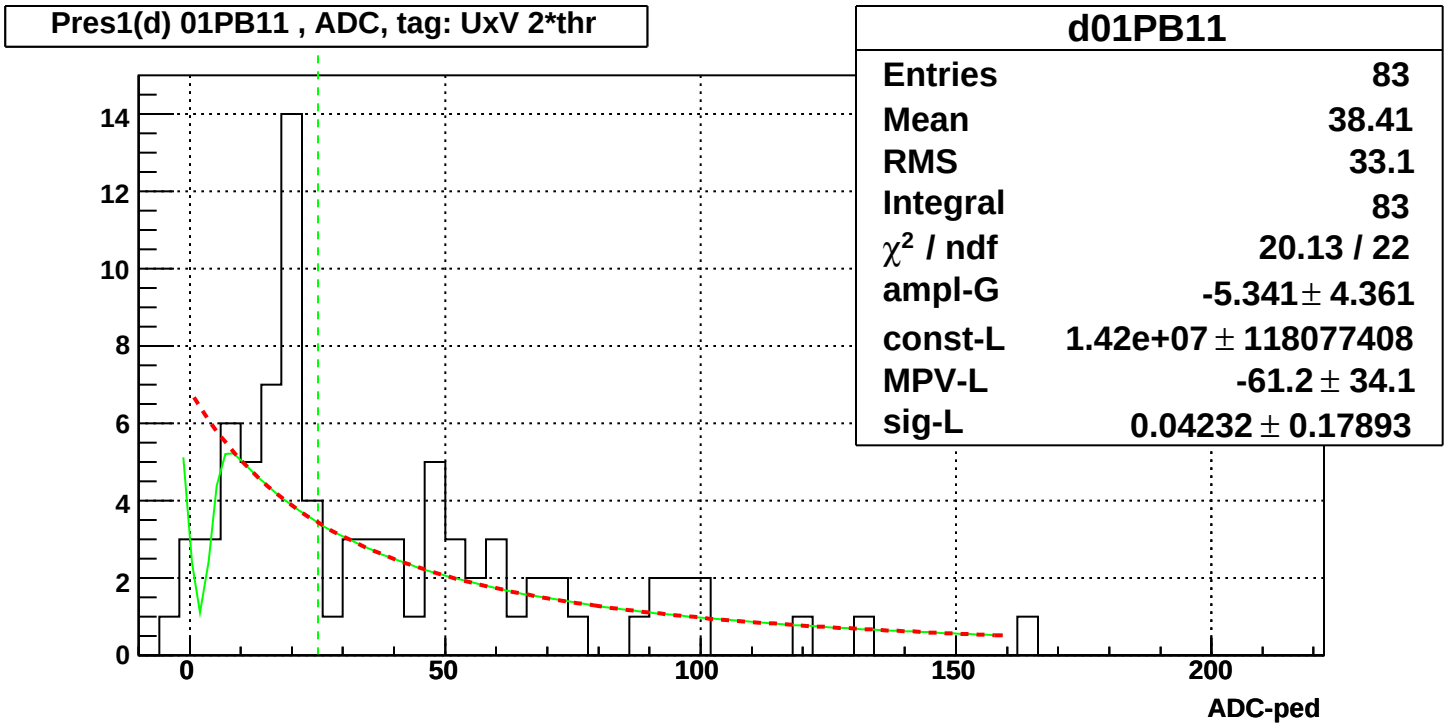
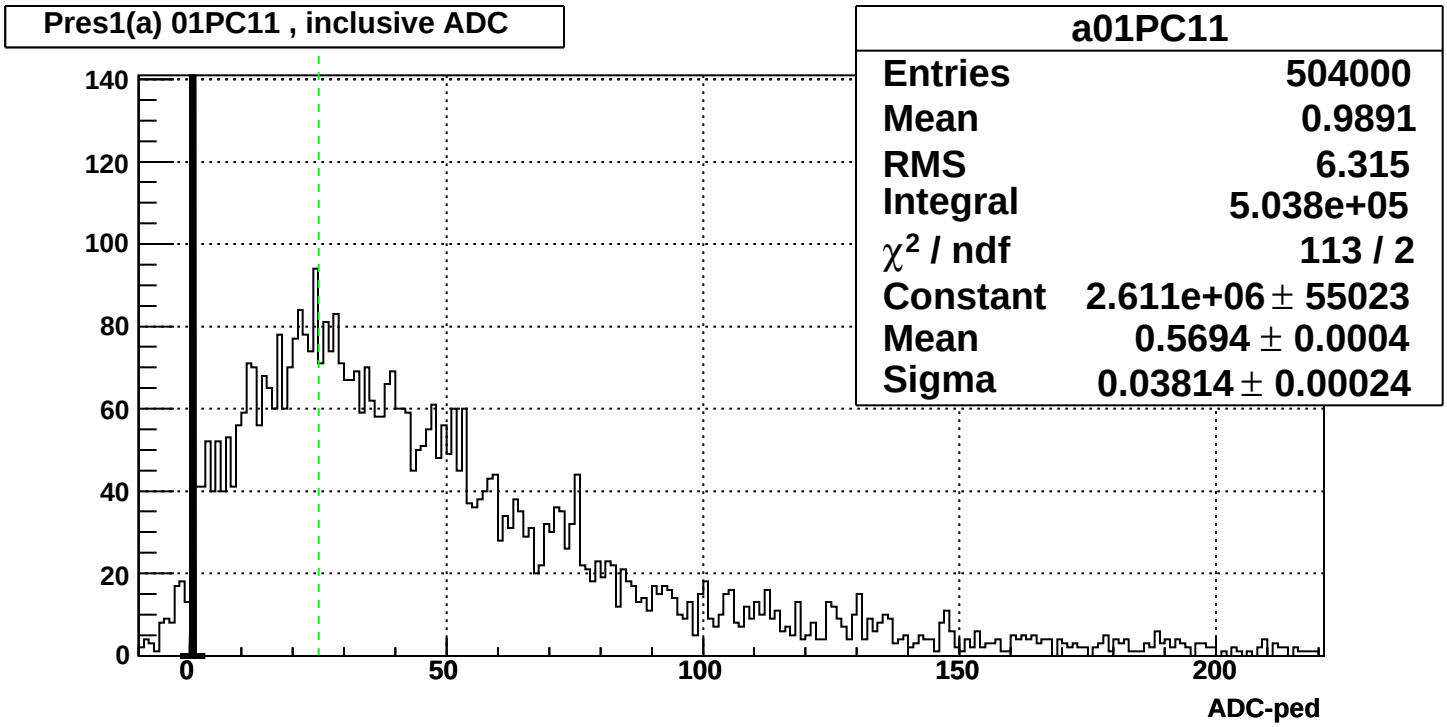
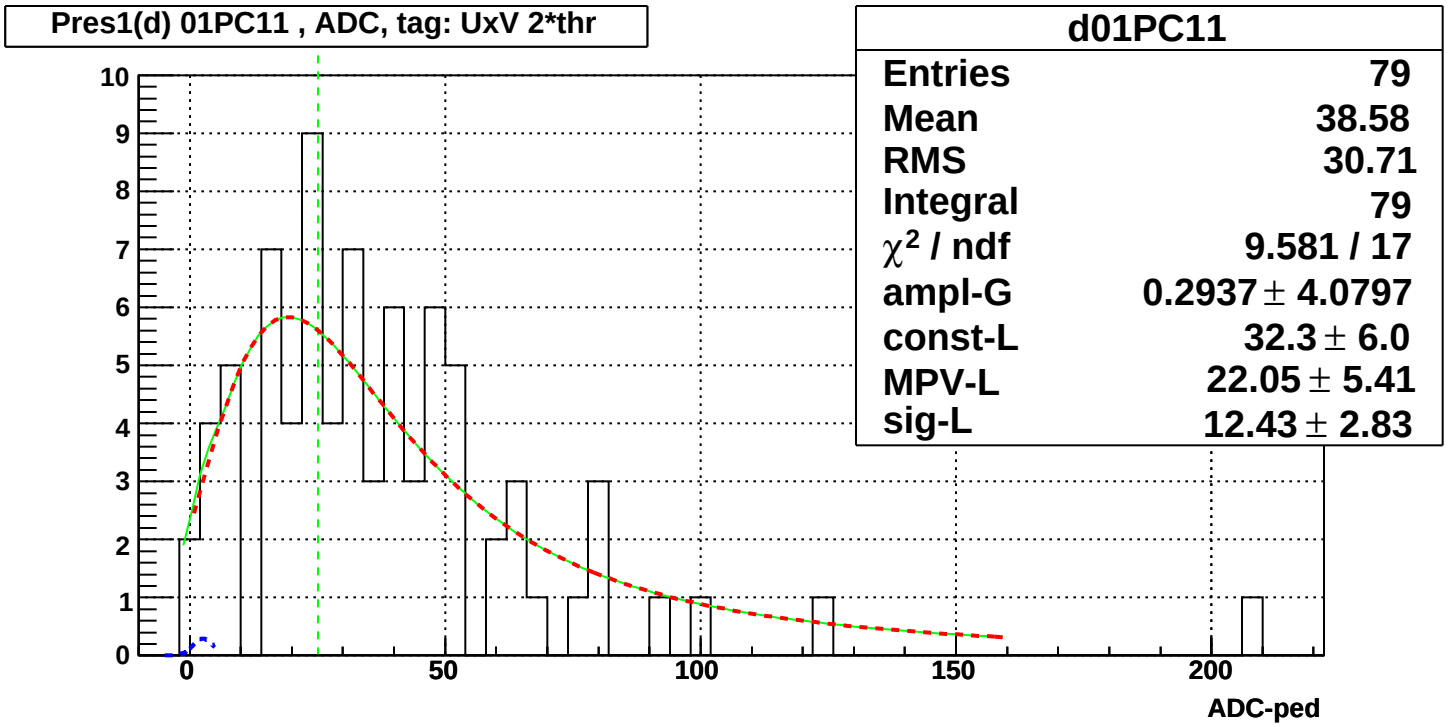

Pres1(a) 01PA11 , inclusive ADC
a01PA11
Entries 504000
Mean 0.9939
RMS 6.313
Integral 5.038e+05
χ² / ndf 118 / 2
Constant 2.868e+06 ± 60436
Mean 0.5685 ± 0.0004
Sigma 0.03661 ± 0.00022
ADC-ped

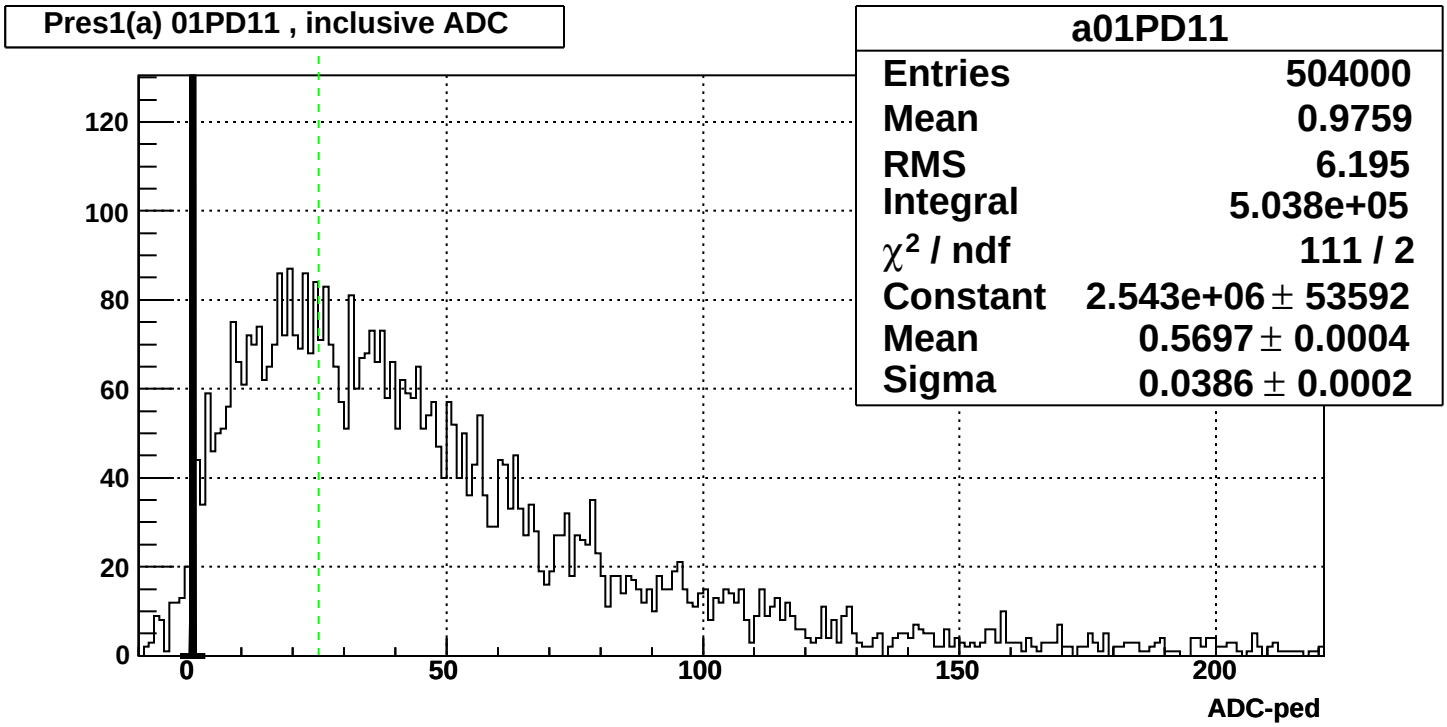

Pres1(d) 01PA11 , ADC, tag: UxV 2*thr
d01PA11
Entries 72
Mean 38.39
RMS 29.87
Integral 72
χ² / ndf 8.876 / 16
ampl-G 3.035 ± 2.054
const-L 28.42 ± 5.26
MPV-L 29.23 ± 3.83
sig-L 11.79 ± 2.75
ADC-ped

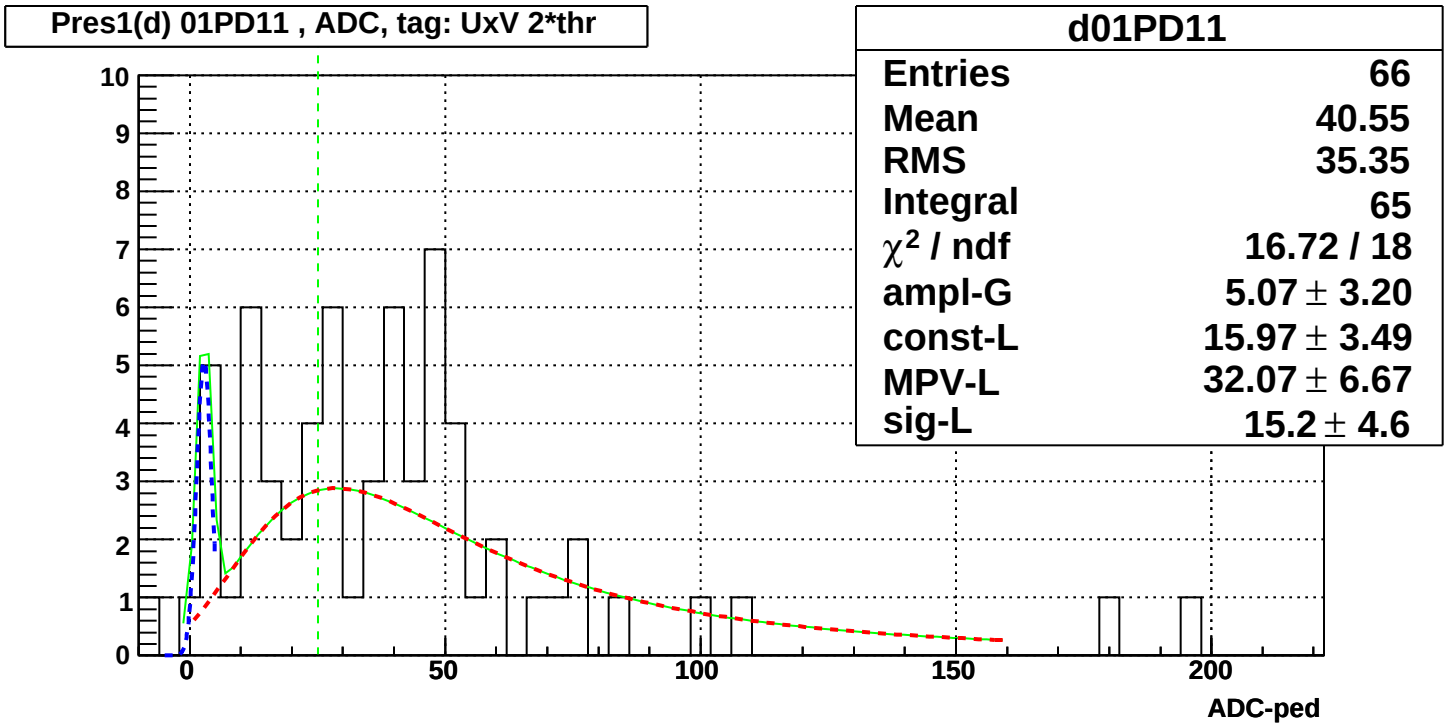

Pres1(a) 01PB11 , inclusive ADC
a01PB11
Entries 504000
Mean 0.9877
RMS 6.314
Integral 5.038e+05
χ² / ndf 113 / 2
Constant 2.349e+06 ± 49519
Mean 0.5705 ± 0.0005
Sigma 0.04003 ± 0.00027
ADC-ped

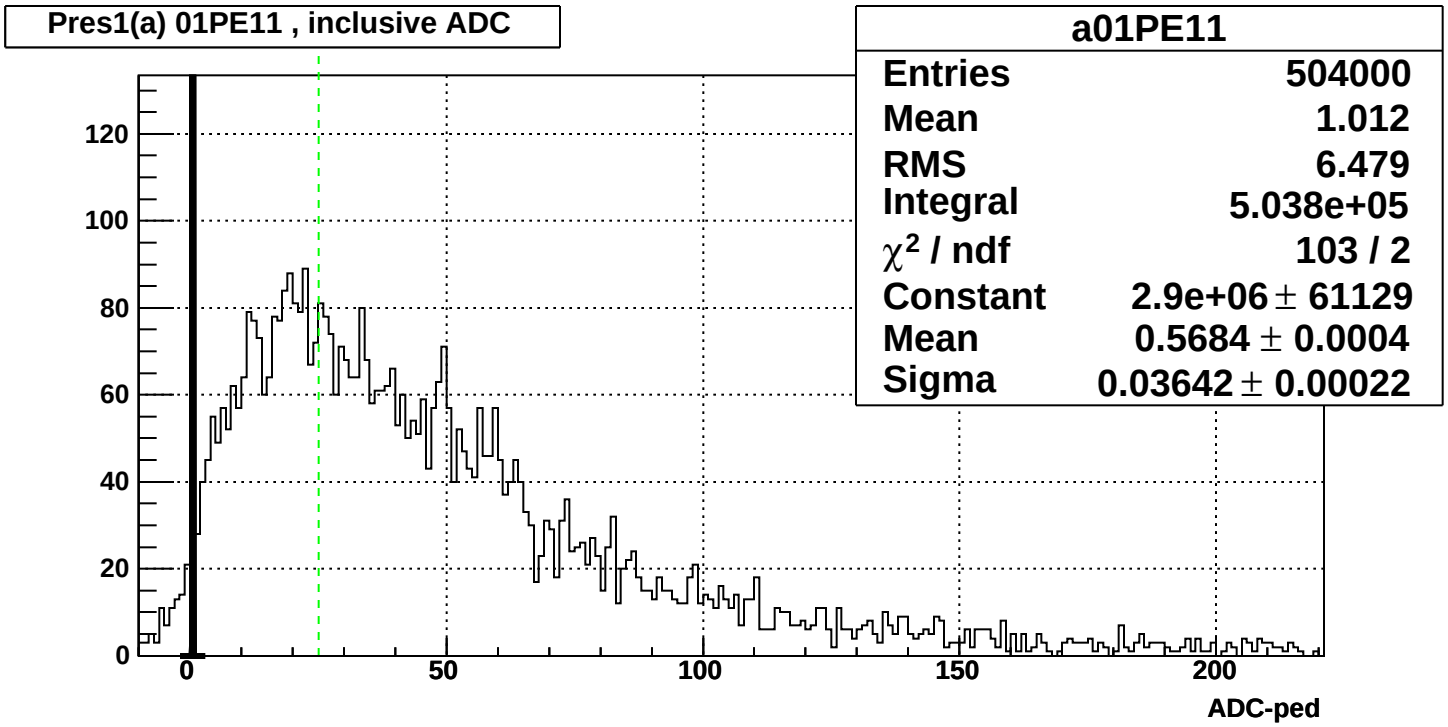

Pres1(d) 01PB11 , ADC, tag: UxV 2*thr
d01PB11
Entries 83
Mean 38.41
RMS 33.1
Integral 83
χ² / ndf 20.13 / 22
ampl-G -5.341 ± 4.361
const-L 1.42e+07 ± 118077408
MPV-L -61.2 ± 34.1
sig-L 0.04232 ± 0.17893
ADC-ped

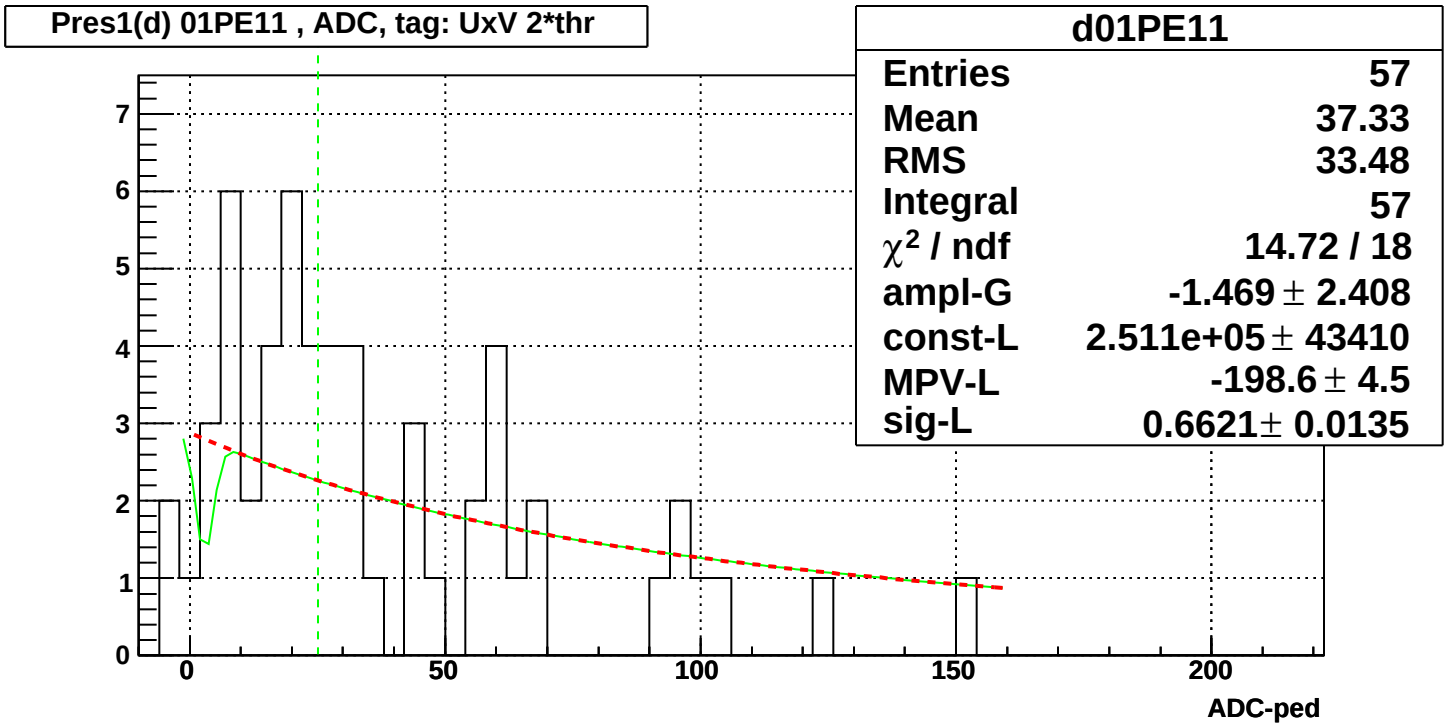

Pres1(a) 01PC11 , inclusive ADC
a01PC11
Entries 504000
Mean 0.9891
RMS 6.315
Integral 5.038e+05
χ² / ndf 113 / 2
Constant 2.611e+06 ± 55023
Mean 0.5694 ± 0.0004
Sigma 0.03814 ± 0.00024
ADC-ped

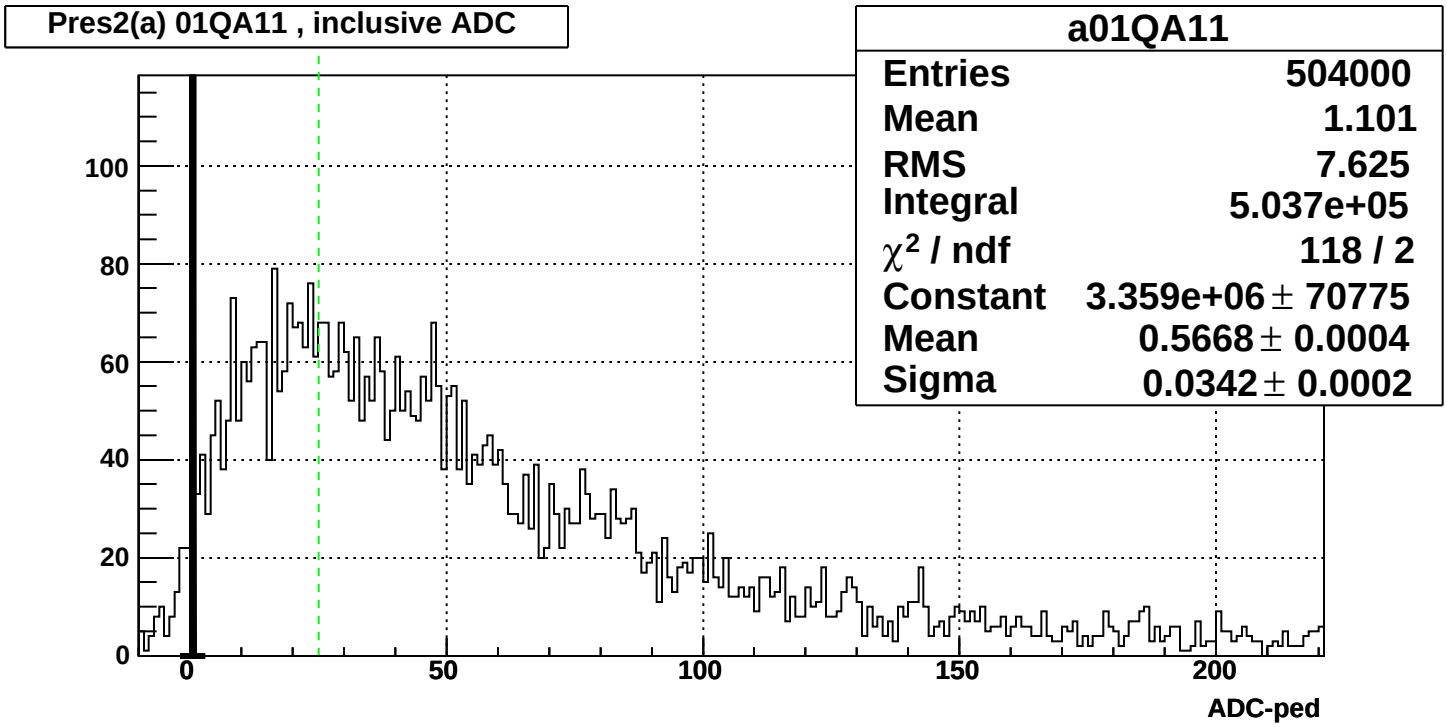

Pres1(d) 01PC11 , ADC, tag: UxV 2*thr
d01PC11
Entries 79
Mean 38.58
RMS 30.71
Integral 79
χ² / ndf 9.581 / 17
ampl-G 0.2937 ± 4.0797
const-L 32.3 ± 6.0
MPV-L 22.05 ± 5.41
sig-L 12.43 ± 2.83
ADC-ped

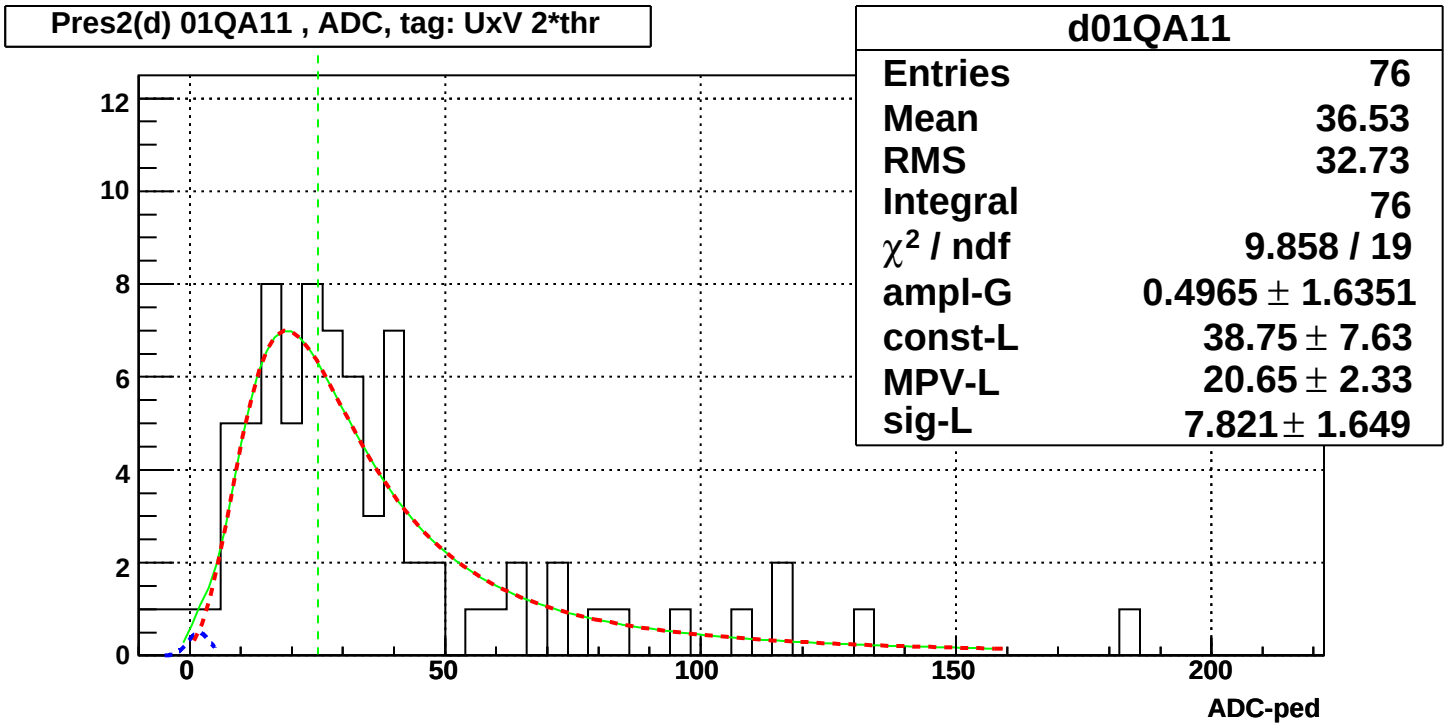

Pres1(a) 01PD11 , inclusive ADC
a01PD11
Entries 504000
Mean 0.9759
RMS 6.195
Integral 5.038e+05
χ² / ndf 111 / 2
Constant 2.543e+06 ± 53592
Mean 0.5697 ± 0.0004
Sigma 0.0386 ± 0.0002
ADC-ped

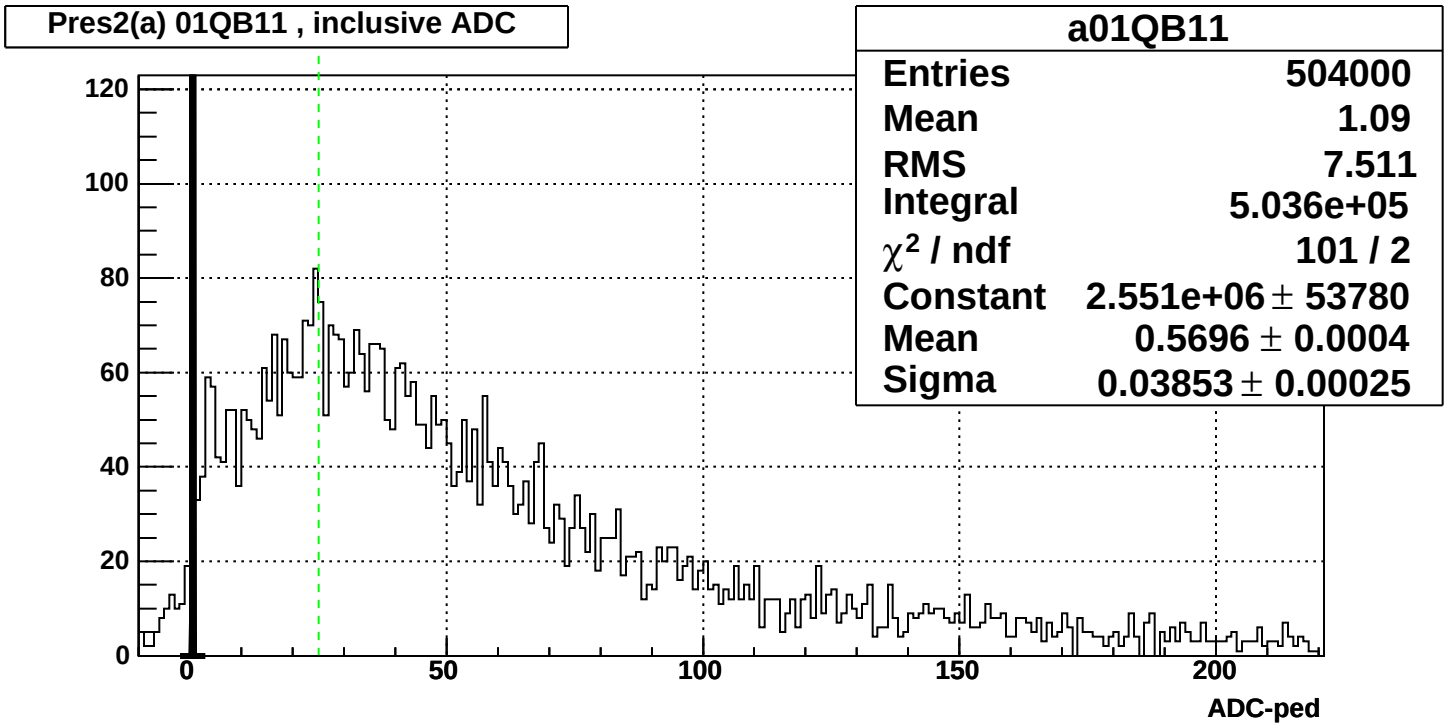

Pres1(d) 01PD11 , ADC, tag: UxV 2*thr
d01PD11
Entries 66
Mean 40.55
RMS 35.35
Integral 65
χ² / ndf 16.72 / 18
ampl-G 5.07 ± 3.20
const-L 15.97 ± 3.49
MPV-L 32.07 ± 6.67
sig-L 15.2 ± 4.6
ADC-ped

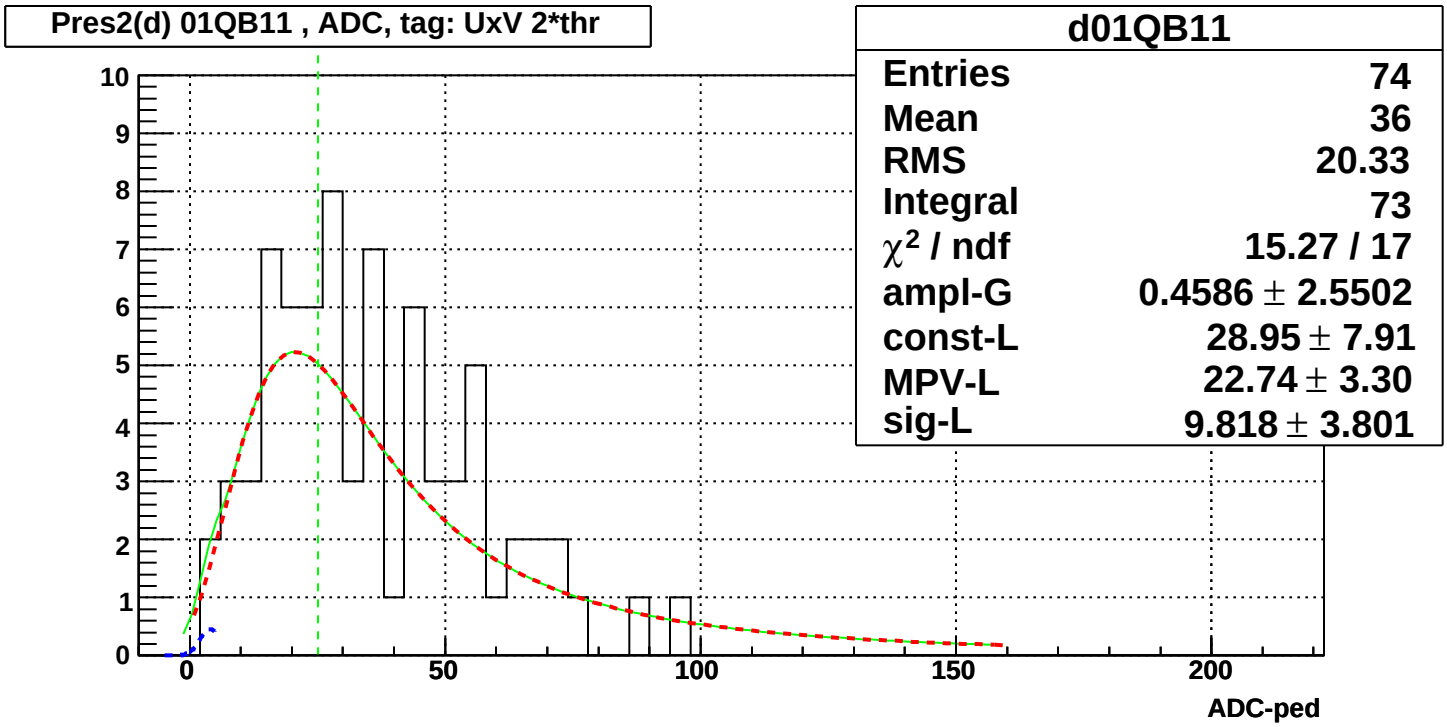

Pres1(a) 01PE11 , inclusive ADC
a01PE11
Entries 504000
Mean 1.012
RMS 6.479
Integral 5.038e+05
χ² / ndf 103 / 2
Constant 2.9e+06 ± 61129
Mean 0.5684 ± 0.0004
Sigma 0.03642 ± 0.00022
0
20
40
60
80
100
120
0
50
100
150
200
ADC-ped

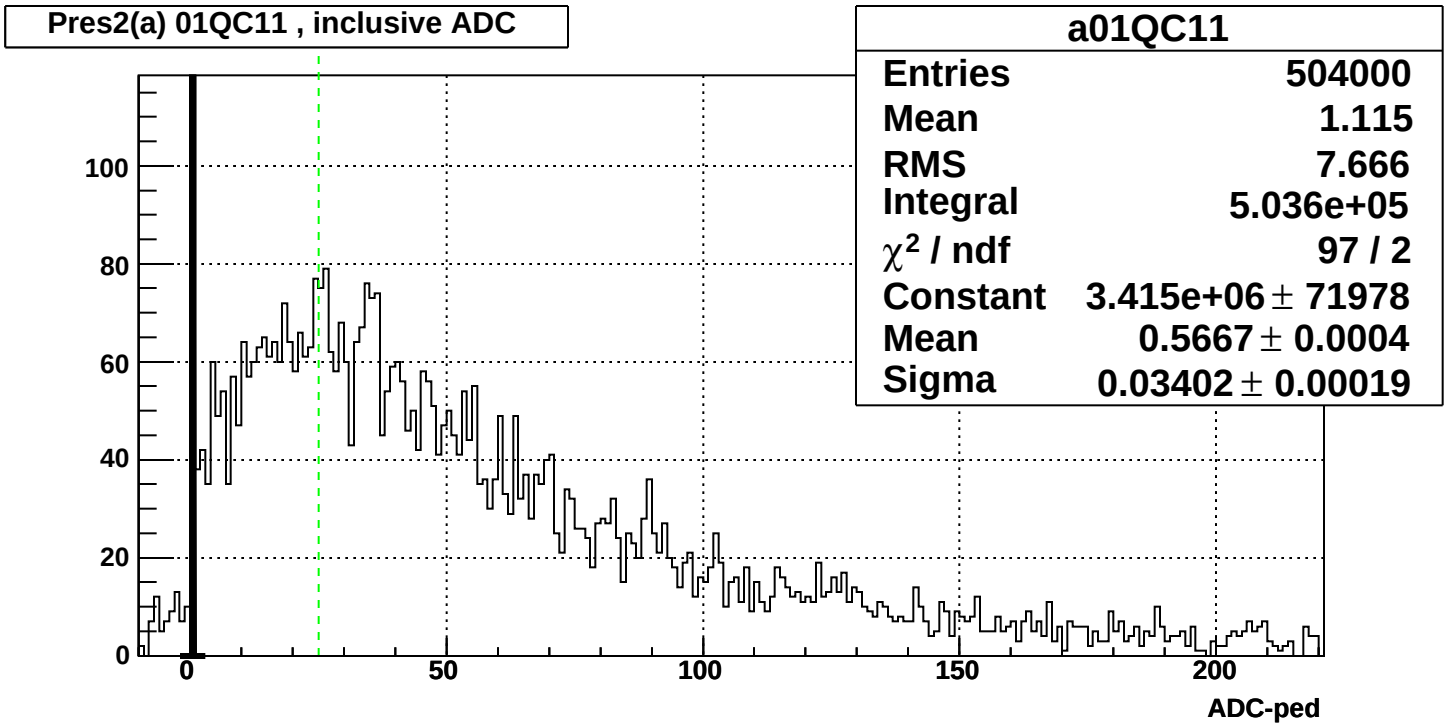

Pres1(d) 01PE11 , ADC, tag: UxV 2*thr
d01PE11
Entries 57
Mean 37.33
RMS 33.48
Integral 57
χ² / ndf 14.72 / 18
ampl-G -1.469 ± 2.408
const-L 2.511e+05 ± 43410
MPV-L -198.6 ± 4.5
sig-L 0.6621 ± 0.0135
0
1
2
3
4
5
6
7
0
50
100
150
200
ADC-ped

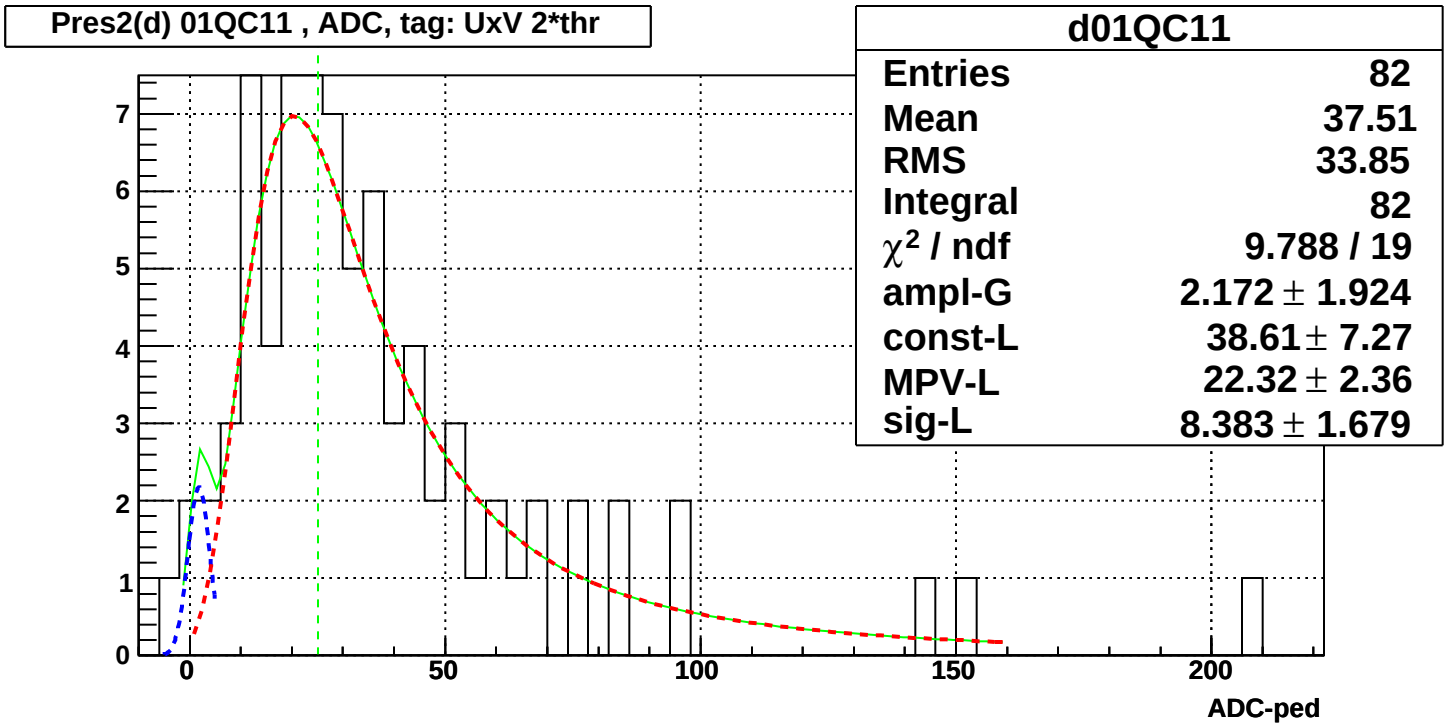

Pres2(a) 01QA11 , inclusive ADC
a01QA11
Entries 504000
Mean 1.101
RMS 7.625
Integral 5.037e+05
χ² / ndf 118 / 2
Constant 3.359e+06 ± 70775
Mean 0.5668 ± 0.0004
Sigma 0.0342 ± 0.0002
0
20
40
60
80
100
0
50
100
150
200
ADC-ped

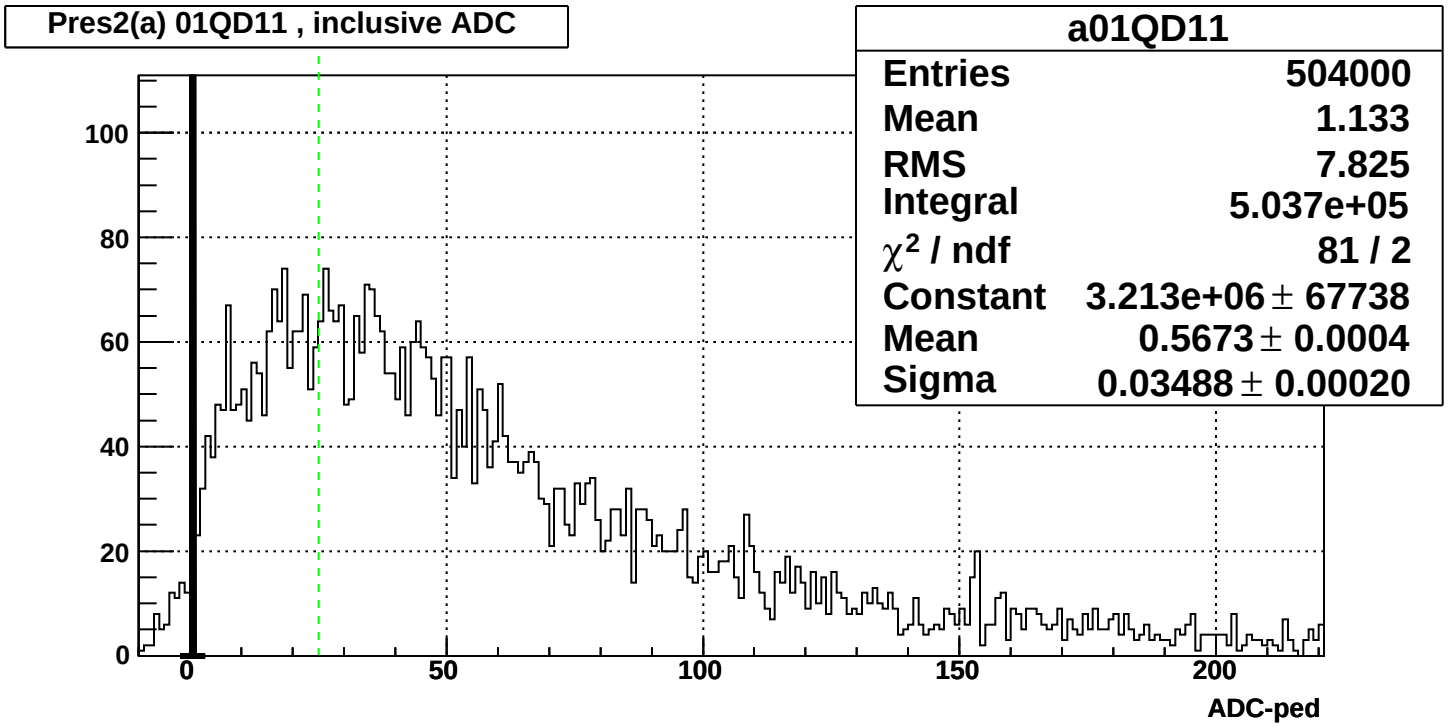

Pres2(d) 01QA11 , ADC, tag: UxV 2*thr
d01QA11
Entries 76
Mean 36.53
RMS 32.73
Integral 76
χ² / ndf 9.858 / 19
ampl-G 0.4965 ± 1.6351
const-L 38.75 ± 7.63
MPV-L 20.65 ± 2.33
sig-L 7.821 ± 1.649
0
2
4
6
8
10
12
0
50
100
150
200
ADC-ped

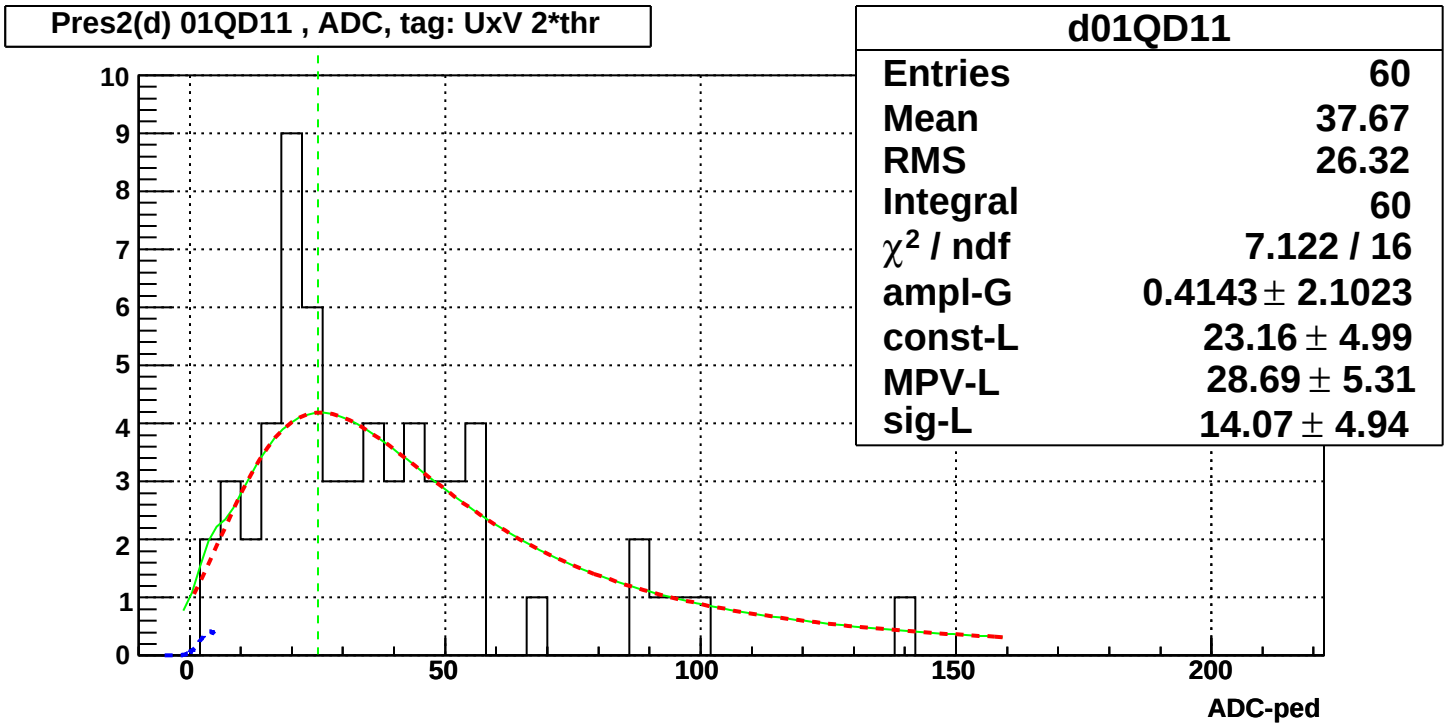

Pres2(a) 01QB11 , inclusive ADC
a01QB11
Entries 504000
Mean 1.09
RMS 7.511
Integral 5.036e+05
χ² / ndf 101 / 2
Constant 2.551e+06 ± 53780
Mean 0.5696 ± 0.0004
Sigma 0.03853 ± 0.00025
ADC-ped

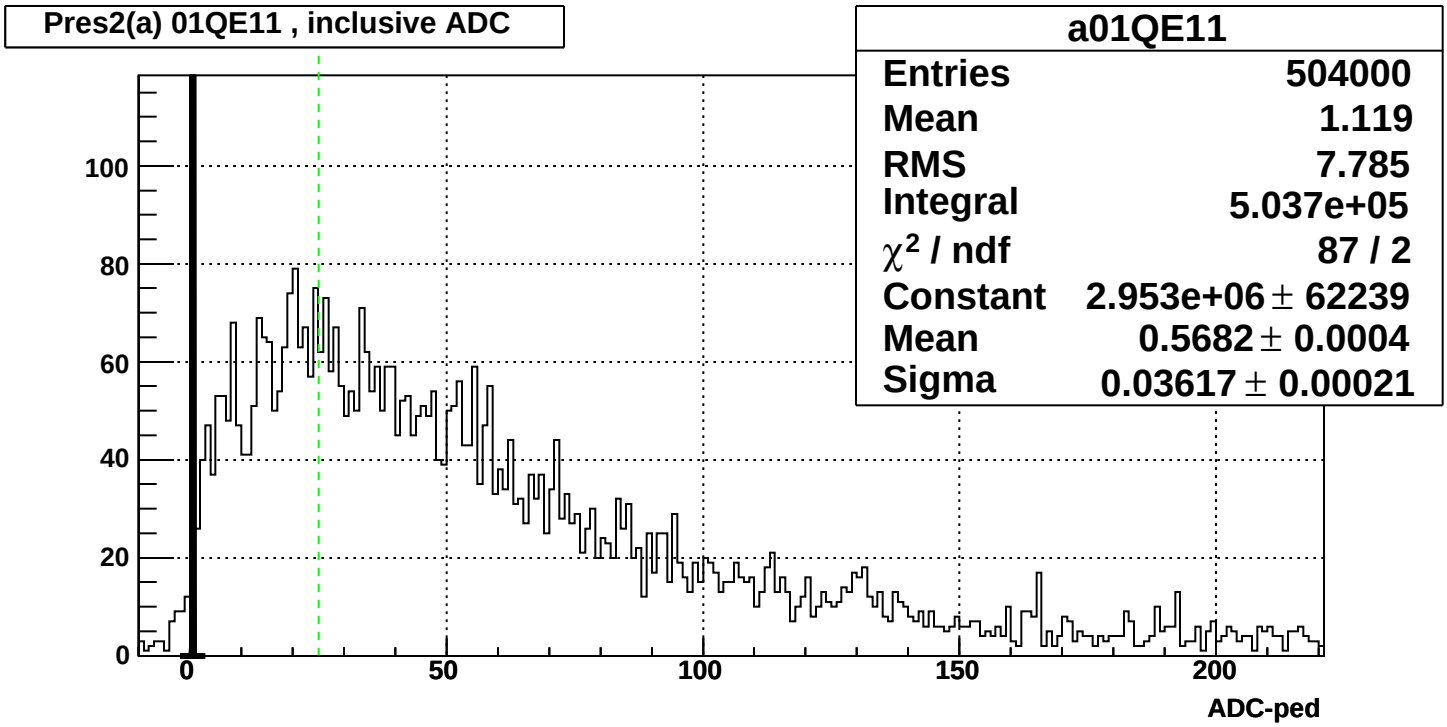

Pres2(d) 01QB11 , ADC, tag: UxV 2*thr
d01QB11
Entries 74
Mean 36
RMS 20.33
Integral 73
χ² / ndf 15.27 / 17
ampl-G 0.4586 ± 2.5502
const-L 28.95 ± 7.91
MPV-L 22.74 ± 3.30
sig-L 9.818 ± 3.801
ADC-ped

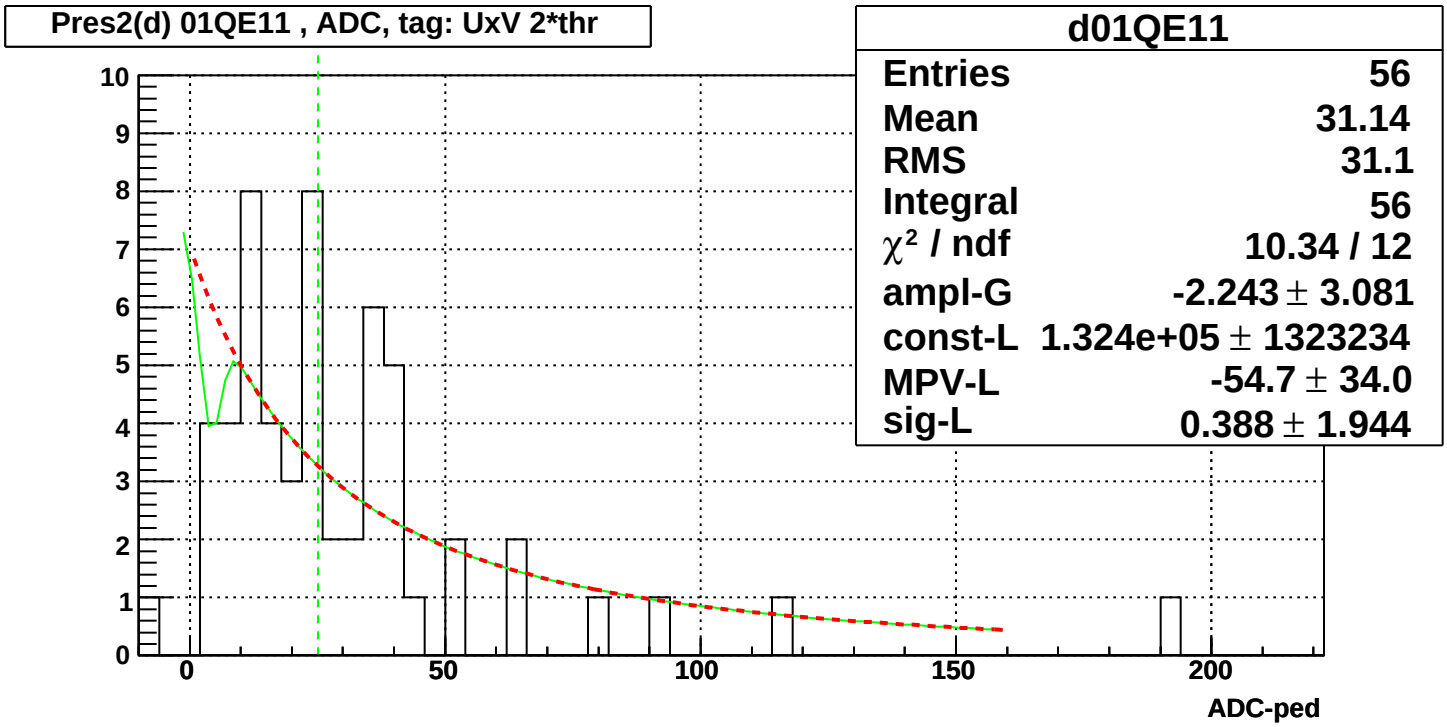

Pres2(a) 01QC11 , inclusive ADC
a01QC11
Entries 504000
Mean 1.115
RMS 7.666
Integral 5.036e+05
χ² / ndf 97 / 2
Constant 3.415e+06 ± 71978
Mean 0.5667 ± 0.0004
Sigma 0.03402 ± 0.00019
0
20
40
60
80
100
0
50
100
150
200
ADC-ped

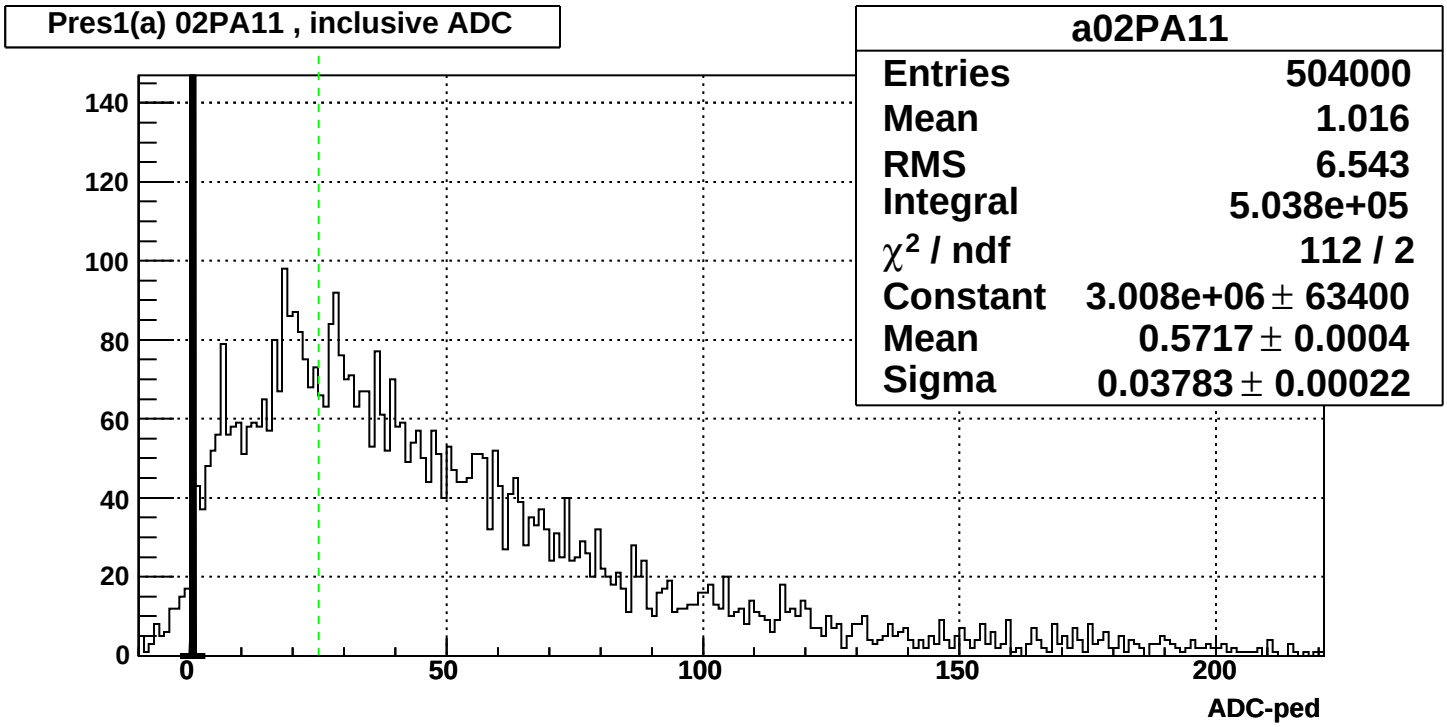

Pres2(d) 01QC11 , ADC, tag: UxV 2*thr
d01QC11
Entries 82
Mean 37.51
RMS 33.85
Integral 82
χ² / ndf 9.788 / 19
ampl-G 2.172 ± 1.924
const-L 38.61 ± 7.27
MPV-L 22.32 ± 2.36
sig-L 8.383 ± 1.679
0
1
2
3
4
5
6
7
0
50
100
150
200
ADC-ped

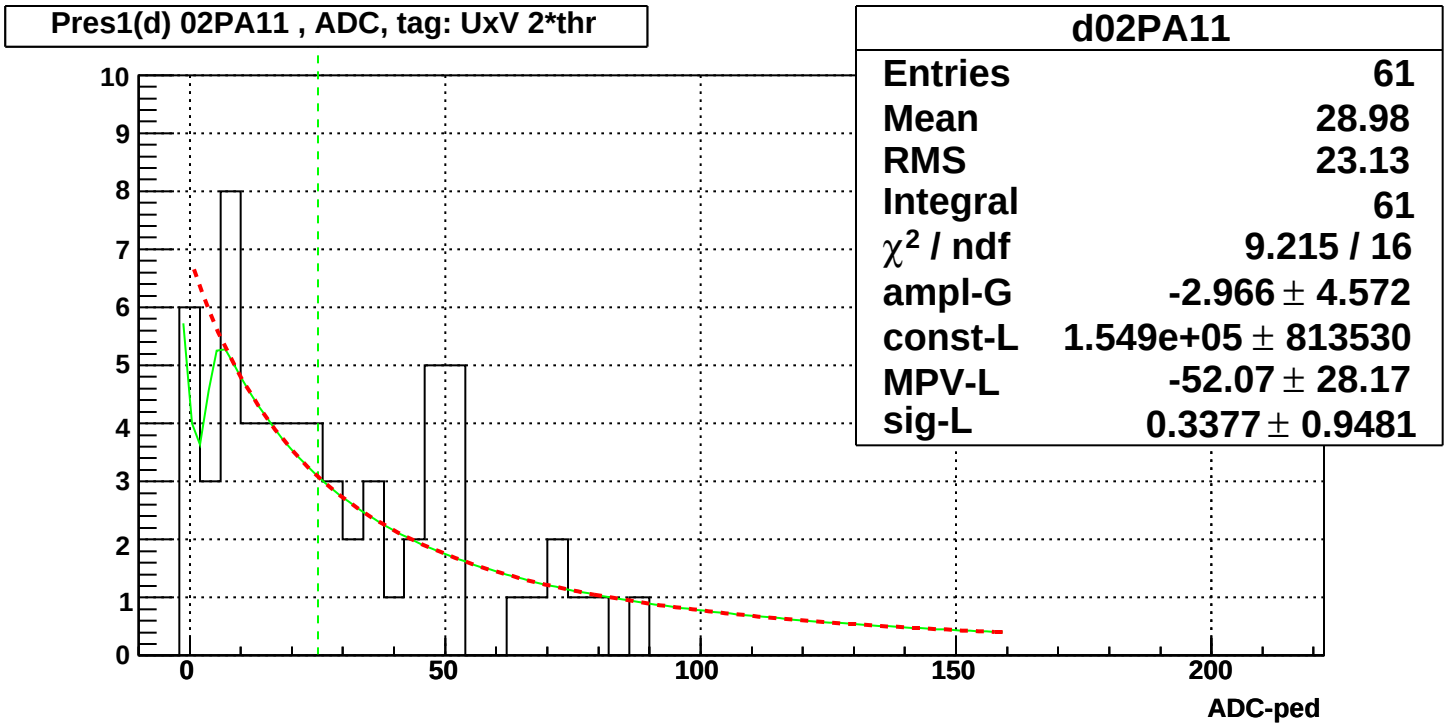

Pres2(a) 01QD11 , inclusive ADC
a01QD11
Entries 504000
Mean 1.133
RMS 7.825
Integral 5.037e+05
χ² / ndf 81 / 2
Constant 3.213e+06 ± 67738
Mean 0.5673 ± 0.0004
Sigma 0.03488 ± 0.00020
ADC-ped

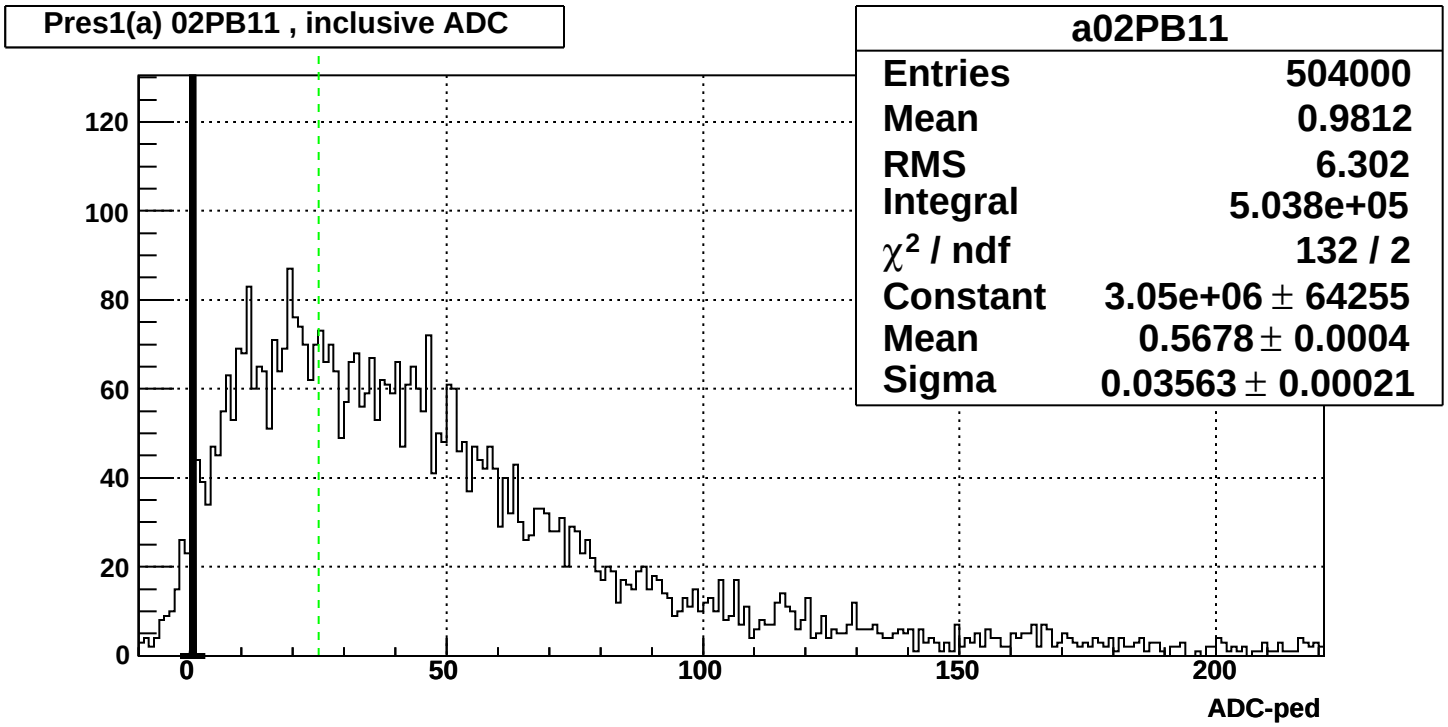

Pres2(d) 01QD11 , ADC, tag: UxV 2*thr
d01QD11
Entries 60
Mean 37.67
RMS 26.32
Integral 60
χ² / ndf 7.122 / 16
ampl-G 0.4143 ± 2.1023
const-L 23.16 ± 4.99
MPV-L 28.69 ± 5.31
sig-L 14.07 ± 4.94
ADC-ped

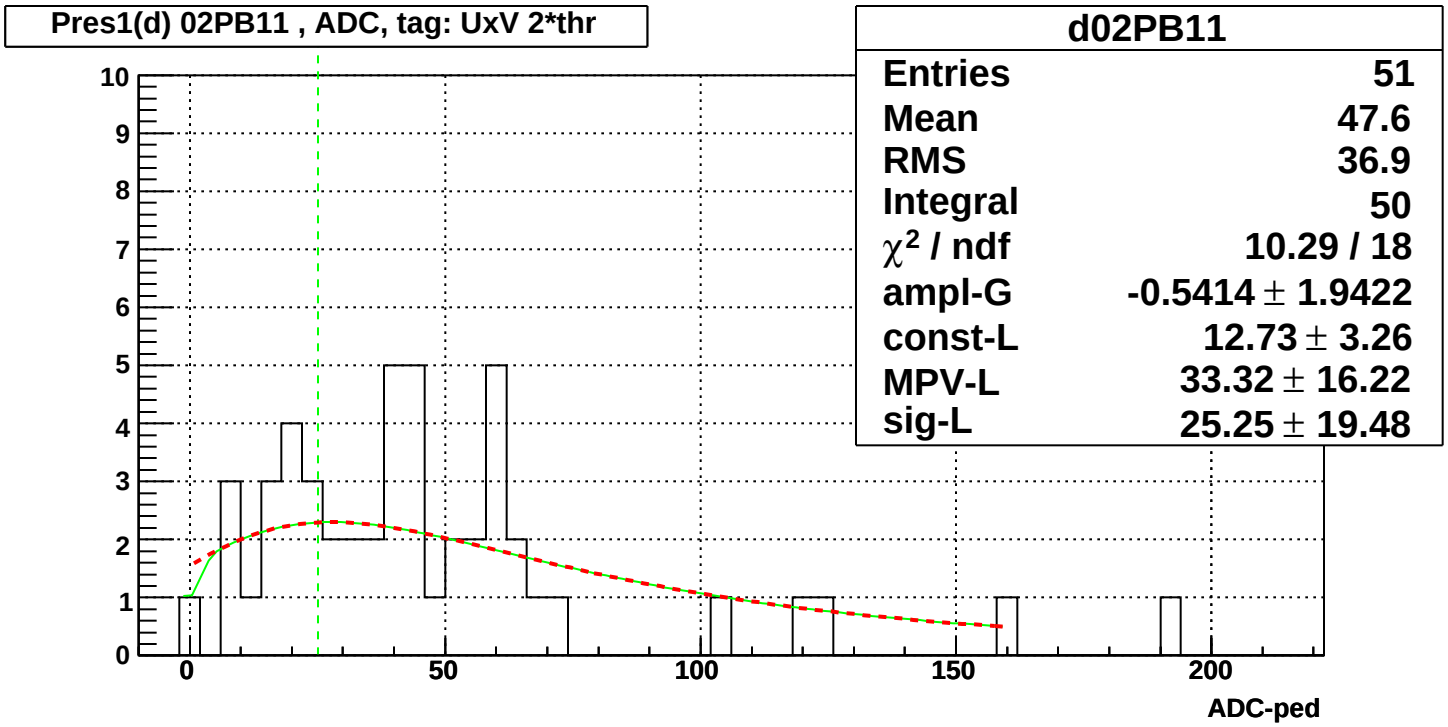

Pres2(a) 01QE11 , inclusive ADC
a01QE11
Entries 504000
Mean 1.119
RMS 7.785
Integral 5.037e+05
χ² / ndf 87 / 2
Constant 2.953e+06 ± 62239
Mean 0.5682 ± 0.0004
Sigma 0.03617 ± 0.00021
ADC-ped

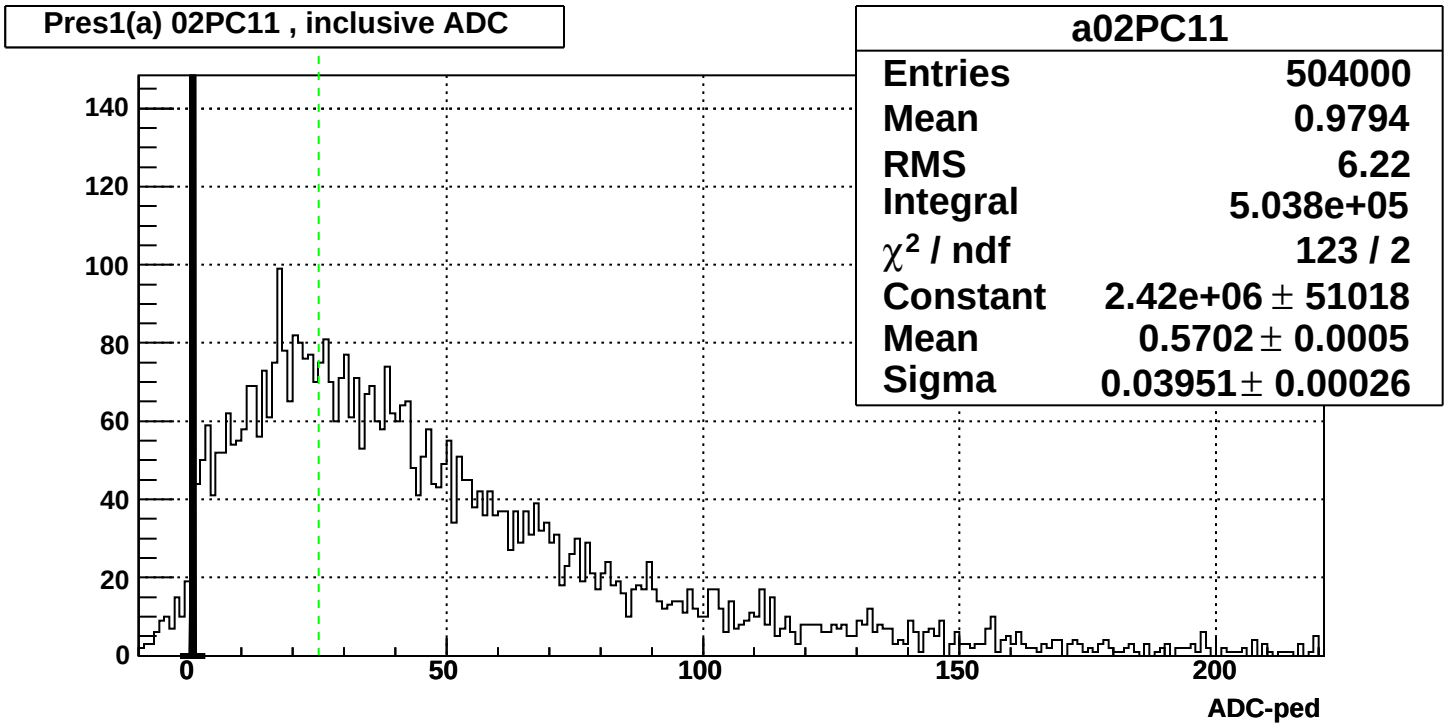

Pres2(d) 01QE11 , ADC, tag: UxV 2*thr
d01QE11
Entries 56
Mean 31.14
RMS 31.1
Integral 56
χ² / ndf 10.34 / 12
ampl-G -2.243 ± 3.081
const-L 1.324e+05 ± 1323234
MPV-L -54.7 ± 34.0
sig-L 0.388 ± 1.944
ADC-ped

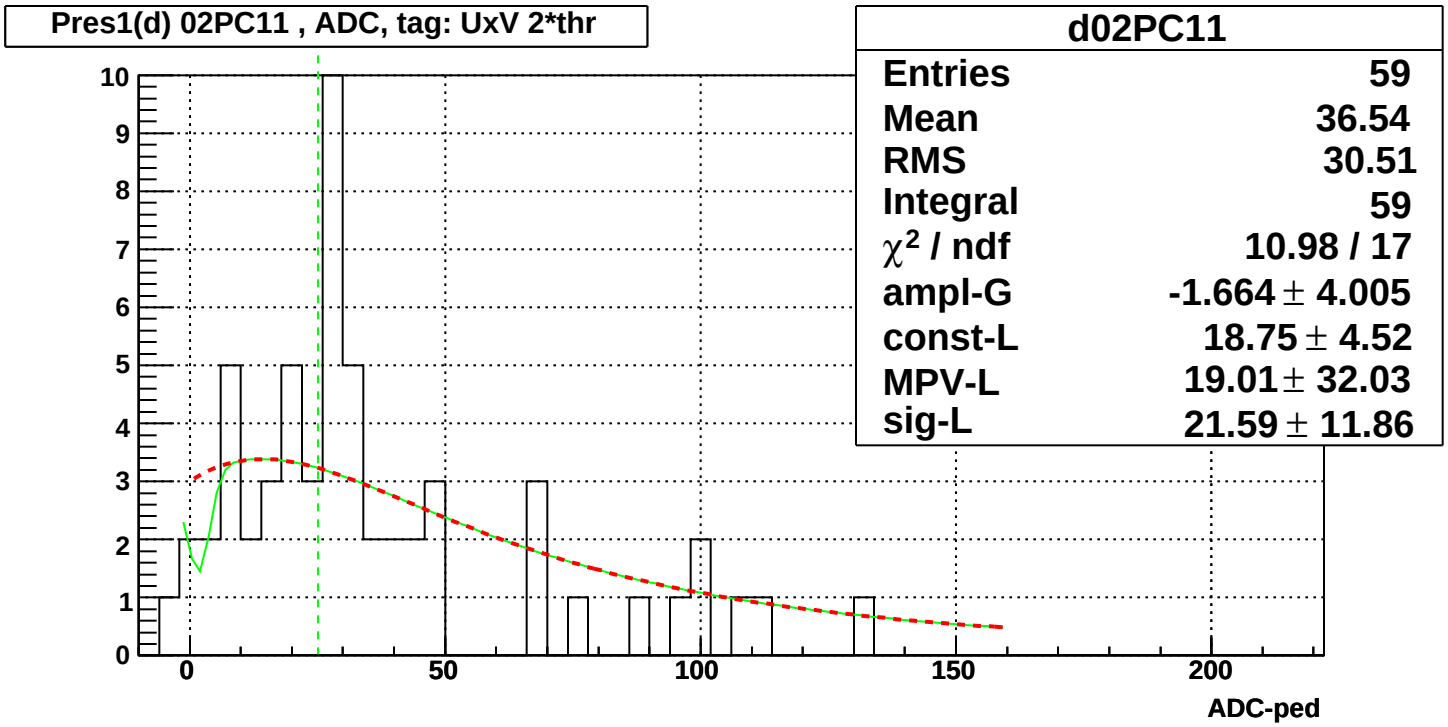

Pres1(a) 02PA11 , inclusive ADC
a02PA11
Entries 504000
Mean 1.016
RMS 6.543
Integral 5.038e+05
χ² / ndf 112 / 2
Constant 3.008e+06 ± 63400
Mean 0.5717 ± 0.0004
Sigma 0.03783 ± 0.00022
ADC-ped

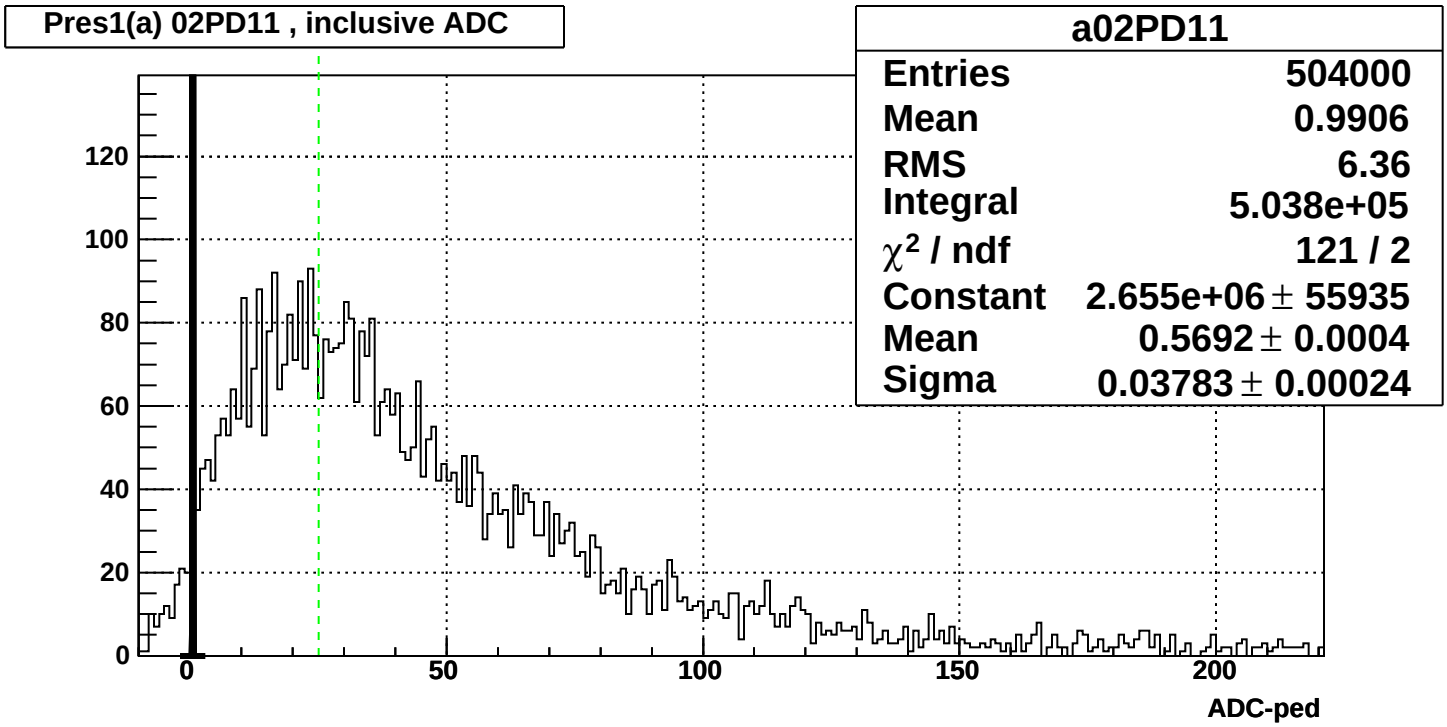

Pres1(d) 02PA11 , ADC, tag: UxV 2*thr
d02PA11
Entries 61
Mean 28.98
RMS 23.13
Integral 61
χ² / ndf 9.215 / 16
ampl-G -2.966 ± 4.572
const-L 1.549e+05 ± 813530
MPV-L -52.07 ± 28.17
sig-L 0.3377 ± 0.9481
ADC-ped

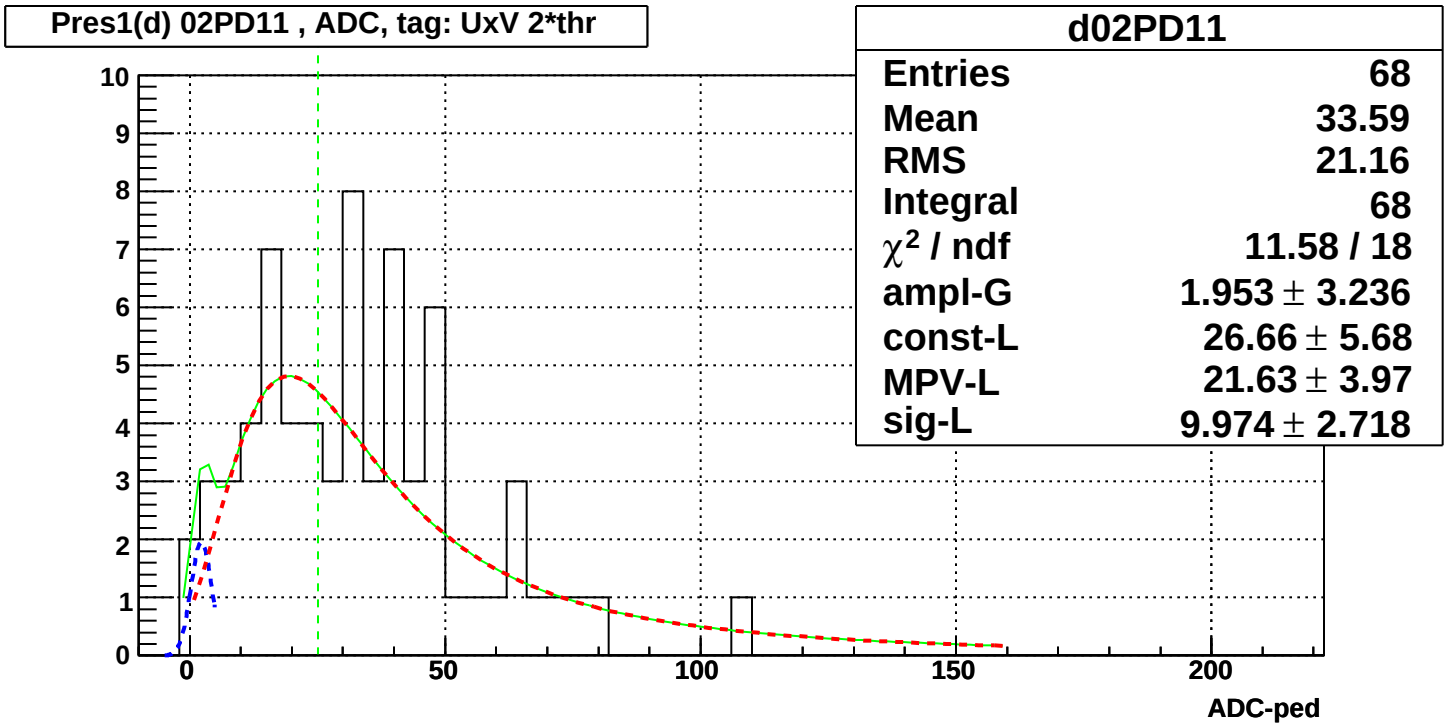

Pres1(a) 02PB11 , inclusive ADC
a02PB11
Entries 504000
Mean 0.9812
RMS 6.302
Integral 5.038e+05
χ² / ndf 132 / 2
Constant 3.05e+06 ± 64255
Mean 0.5678 ± 0.0004
Sigma 0.03563 ± 0.00021
ADC-ped

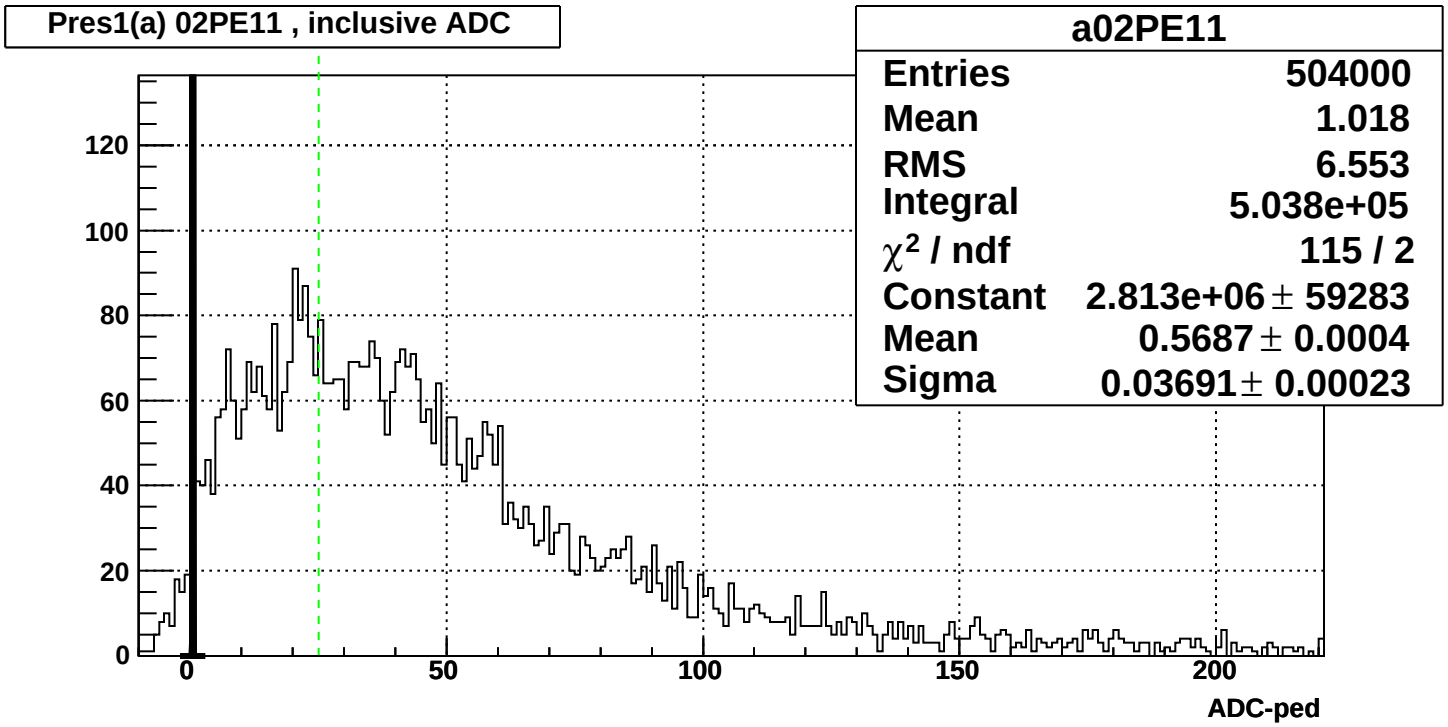

Pres1(d) 02PB11 , ADC, tag: UxV 2*thr
d02PB11
Entries 51
Mean 47.6
RMS 36.9
Integral 50
χ² / ndf 10.29 / 18
ampl-G -0.5414 ± 1.9422
const-L 12.73 ± 3.26
MPV-L 33.32 ± 16.22
sig-L 25.25 ± 19.48
ADC-ped

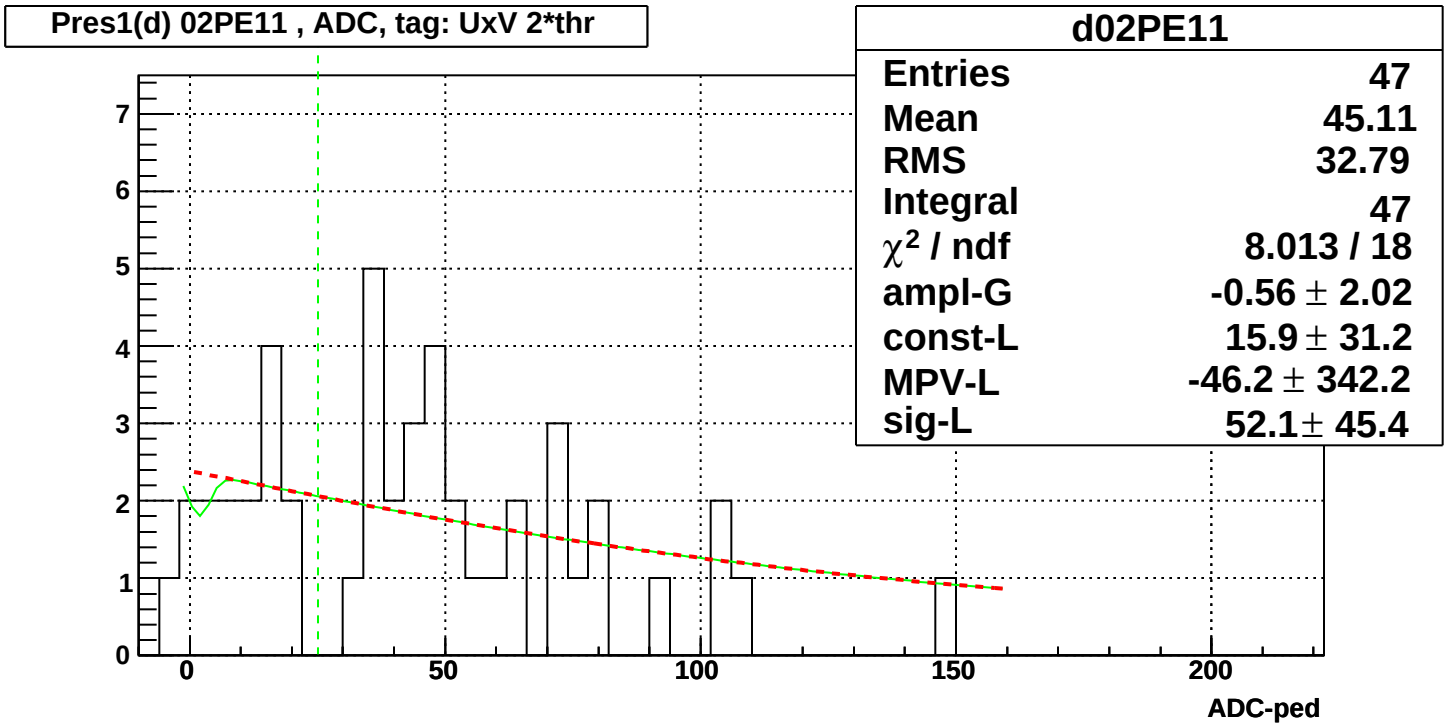

Pres1(a) 02PC11 , inclusive ADC
a02PC11
Entries 504000
Mean 0.9794
RMS 6.22
Integral 5.038e+05
χ² / ndf 123 / 2
Constant 2.42e+06 ± 51018
Mean 0.5702 ± 0.0005
Sigma 0.03951 ± 0.00026
ADC-ped

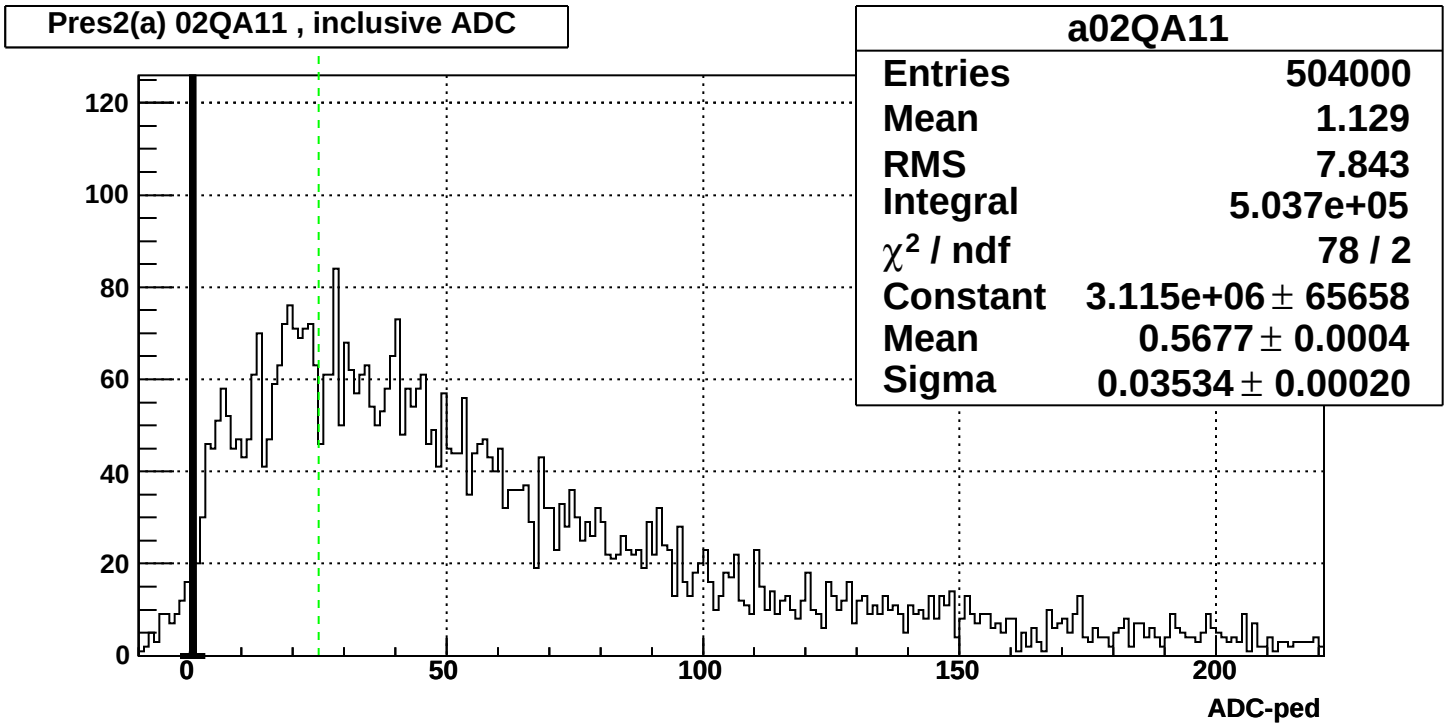

Pres1(d) 02PC11 , ADC, tag: UxV 2*thr
d02PC11
Entries 59
Mean 36.54
RMS 30.51
Integral 59
χ² / ndf 10.98 / 17
ampl-G -1.664 ± 4.005
const-L 18.75 ± 4.52
MPV-L 19.01 ± 32.03
sig-L 21.59 ± 11.86
ADC-ped

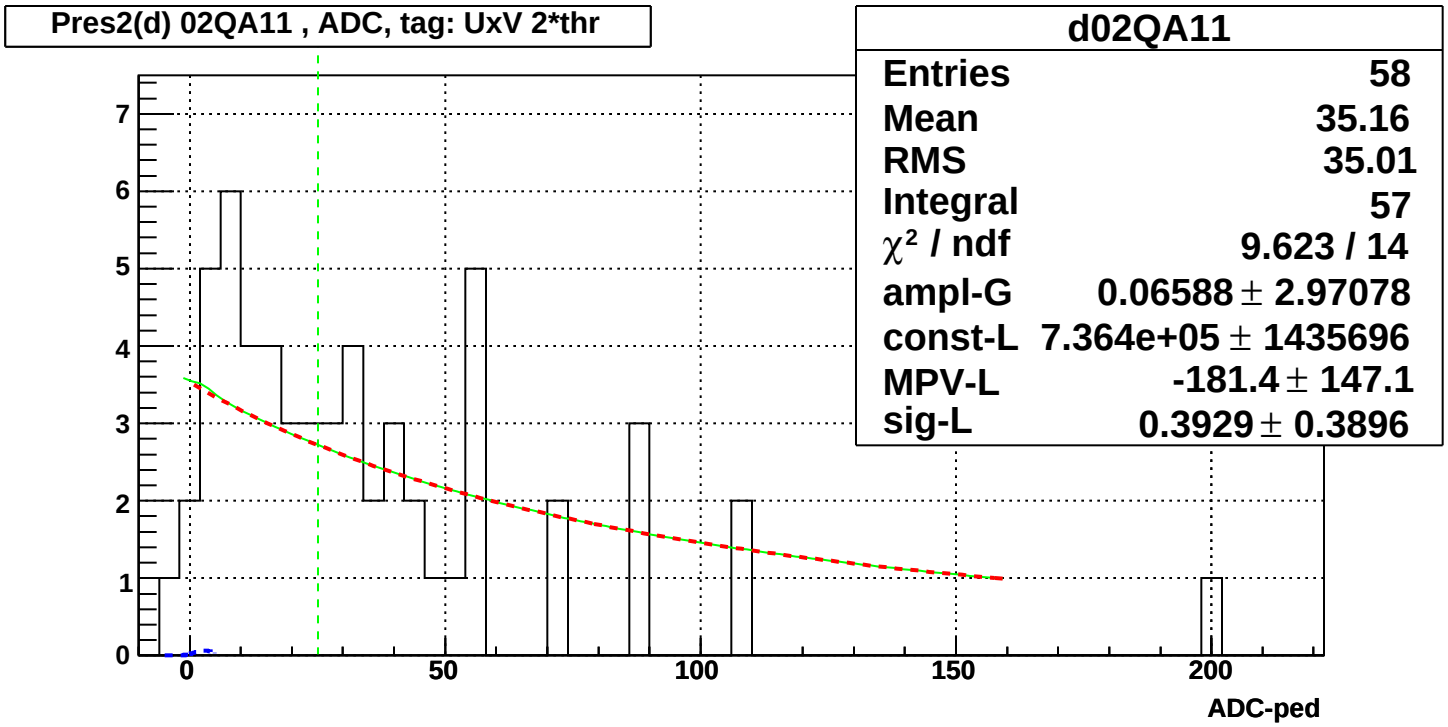

Pres1(a) 02PD11 , inclusive ADC
a02PD11
Entries 504000
Mean 0.9906
RMS 6.36
Integral 5.038e+05
χ² / ndf 121 / 2
Constant 2.655e+06 ± 55935
Mean 0.5692 ± 0.0004
Sigma 0.03783 ± 0.00024
ADC-ped

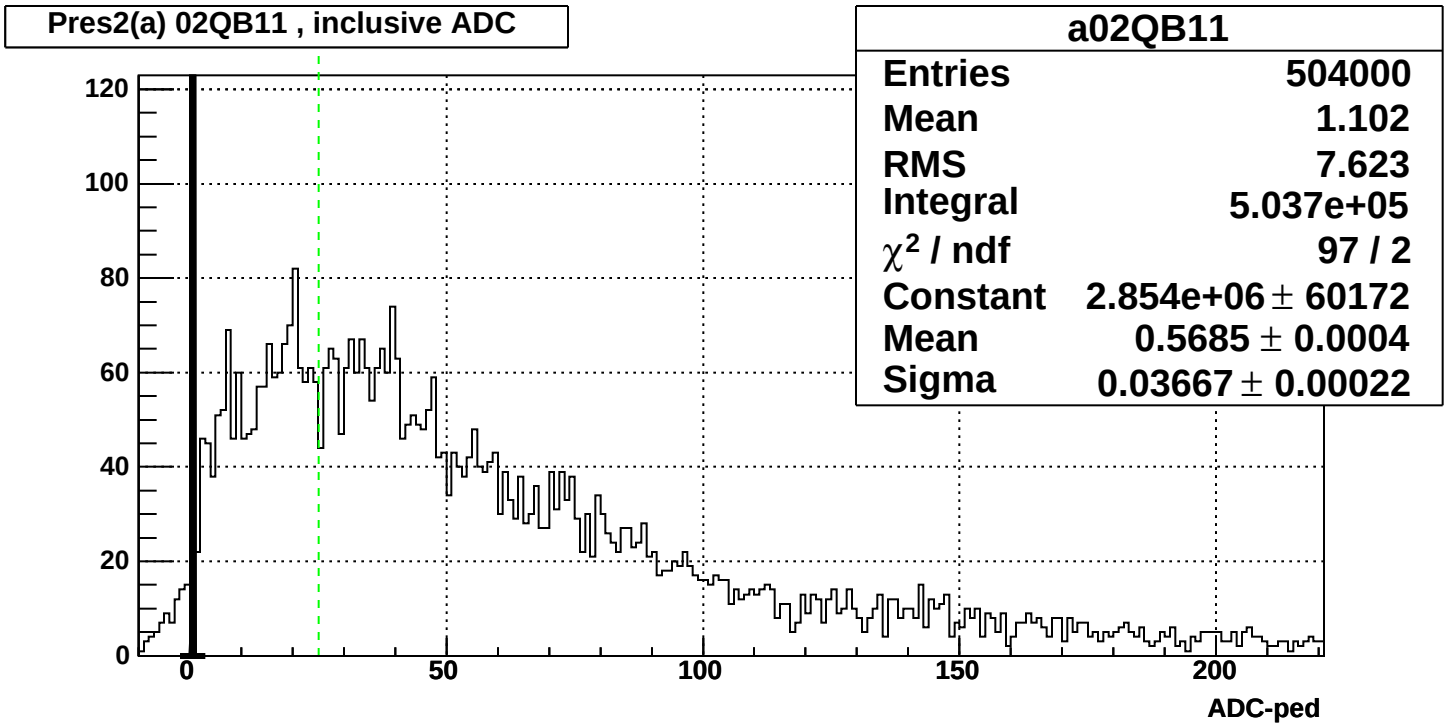

Pres1(d) 02PD11 , ADC, tag: UxV 2*thr
d02PD11
Entries 68
Mean 33.59
RMS 21.16
Integral 68
χ² / ndf 11.58 / 18
ampl-G 1.953 ± 3.236
const-L 26.66 ± 5.68
MPV-L 21.63 ± 3.97
sig-L 9.974 ± 2.718
ADC-ped

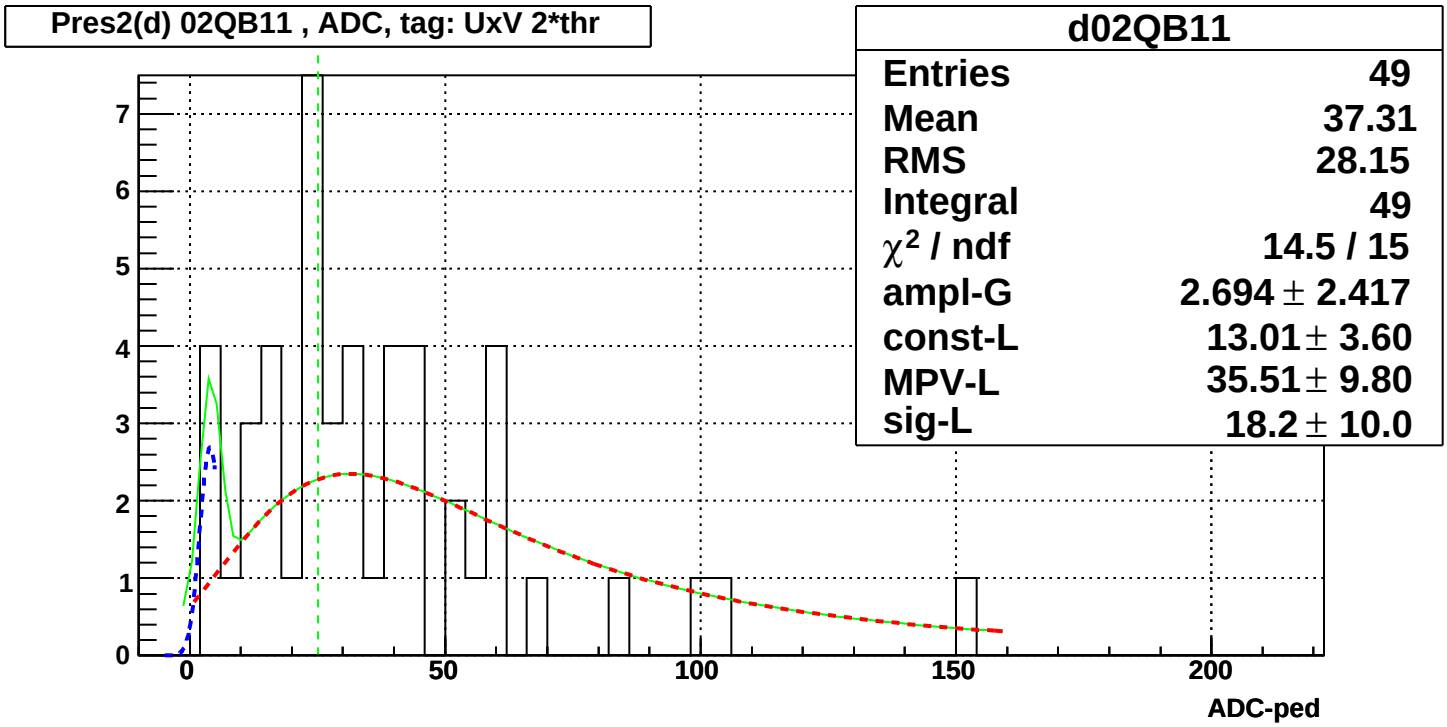

Pres1(a) 02PE11 , inclusive ADC
a02PE11
Entries 504000
Mean 1.018
RMS 6.553
Integral 5.038e+05
χ² / ndf 115 / 2
Constant 2.813e+06 ± 59283
Mean 0.5687 ± 0.0004
Sigma 0.03691 ± 0.00023
0
20
40
60
80
100
120
0
50
100
150
200
ADC-ped

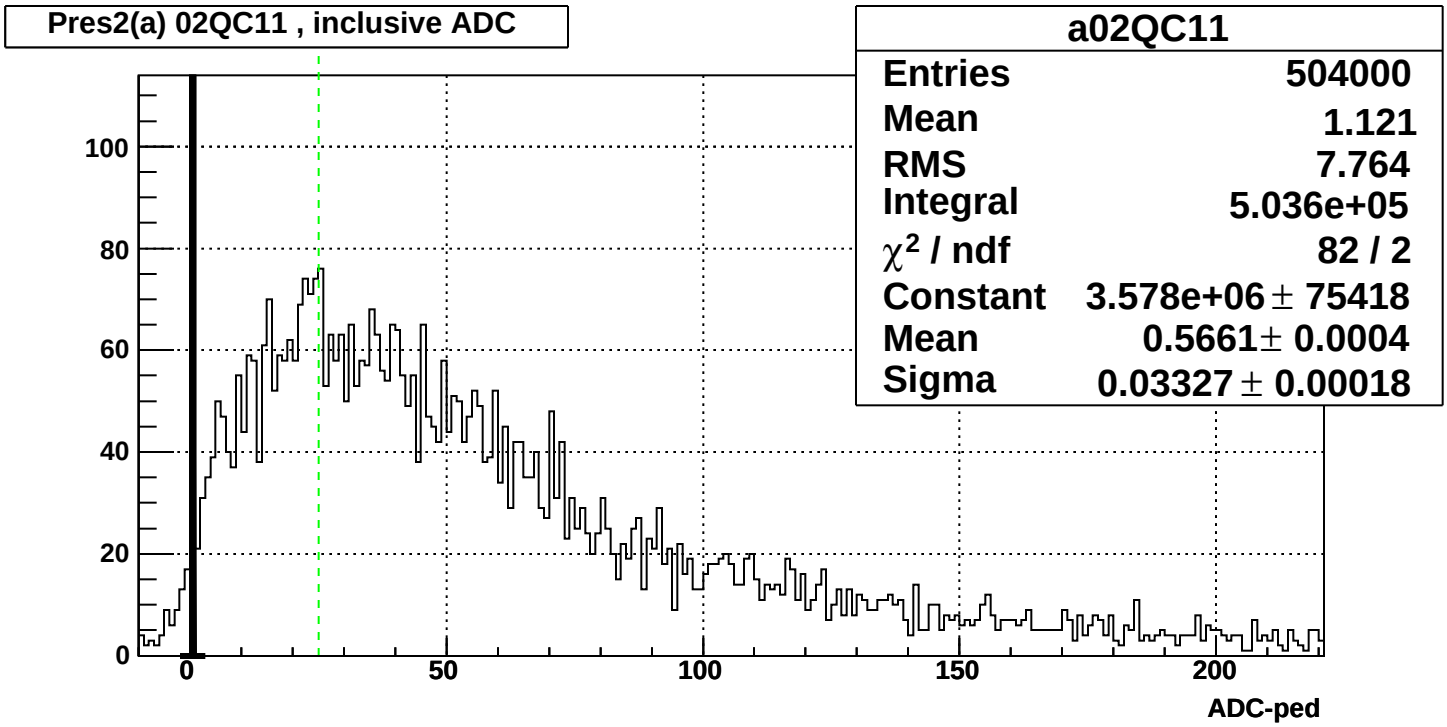

Pres1(d) 02PE11 , ADC, tag: UxV 2*thr
d02PE11
Entries 47
Mean 45.11
RMS 32.79
Integral 47
χ² / ndf 8.013 / 18
ampl-G -0.56 ± 2.02
const-L 15.9 ± 31.2
MPV-L -46.2 ± 342.2
sig-L 52.1 ± 45.4
0
1
2
3
4
5
6
7
0
50
100
150
200
ADC-ped

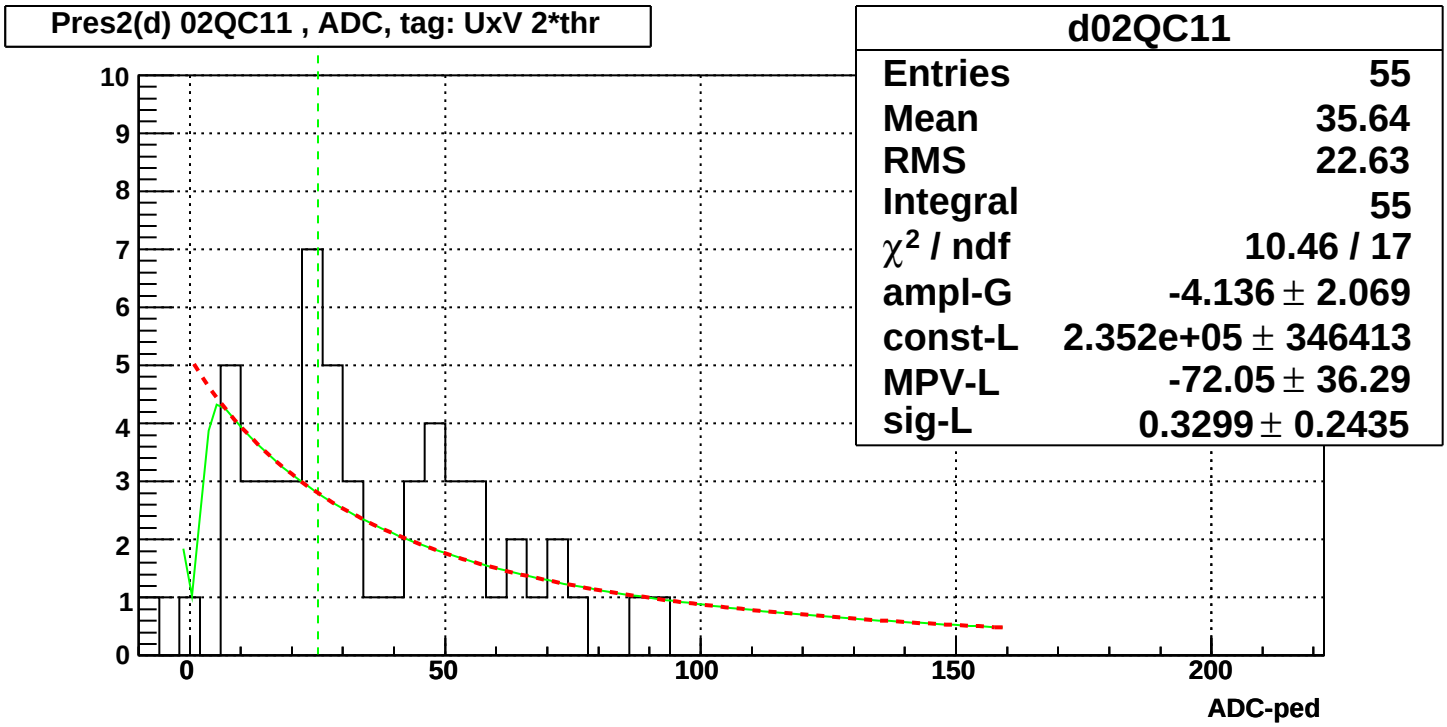

Pres2(a) 02QA11 , inclusive ADC
a02QA11
Entries 504000
Mean 1.129
RMS 7.843
Integral 5.037e+05
χ² / ndf 78 / 2
Constant 3.115e+06 ± 65658
Mean 0.5677 ± 0.0004
Sigma 0.03534 ± 0.00020
ADC-ped

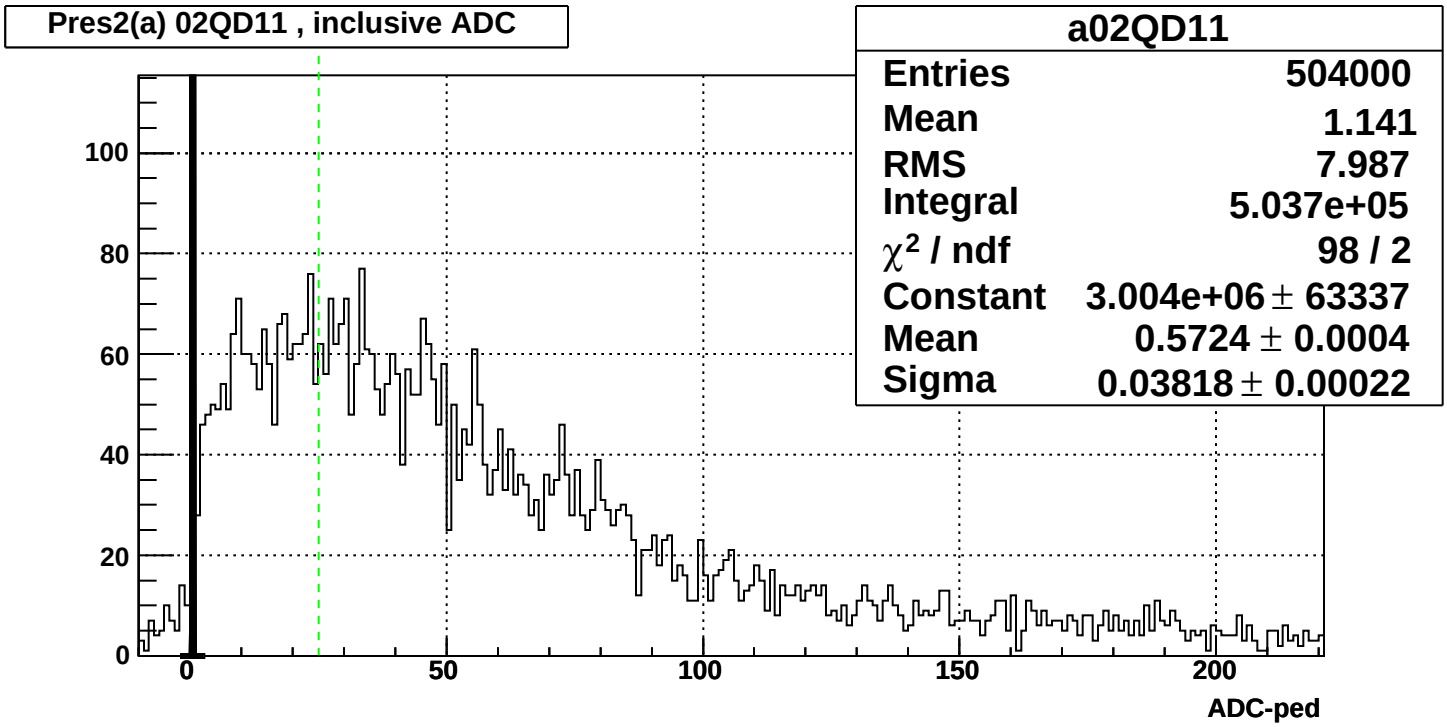

Pres2(d) 02QA11 , ADC, tag: UxV 2*thr
d02QA11
Entries 58
Mean 35.16
RMS 35.01
Integral 57
χ² / ndf 9.623 / 14
ampl-G 0.06588 ± 2.97078
const-L 7.364e+05 ± 1435696
MPV-L -181.4 ± 147.1
sig-L 0.3929 ± 0.3896
ADC-ped

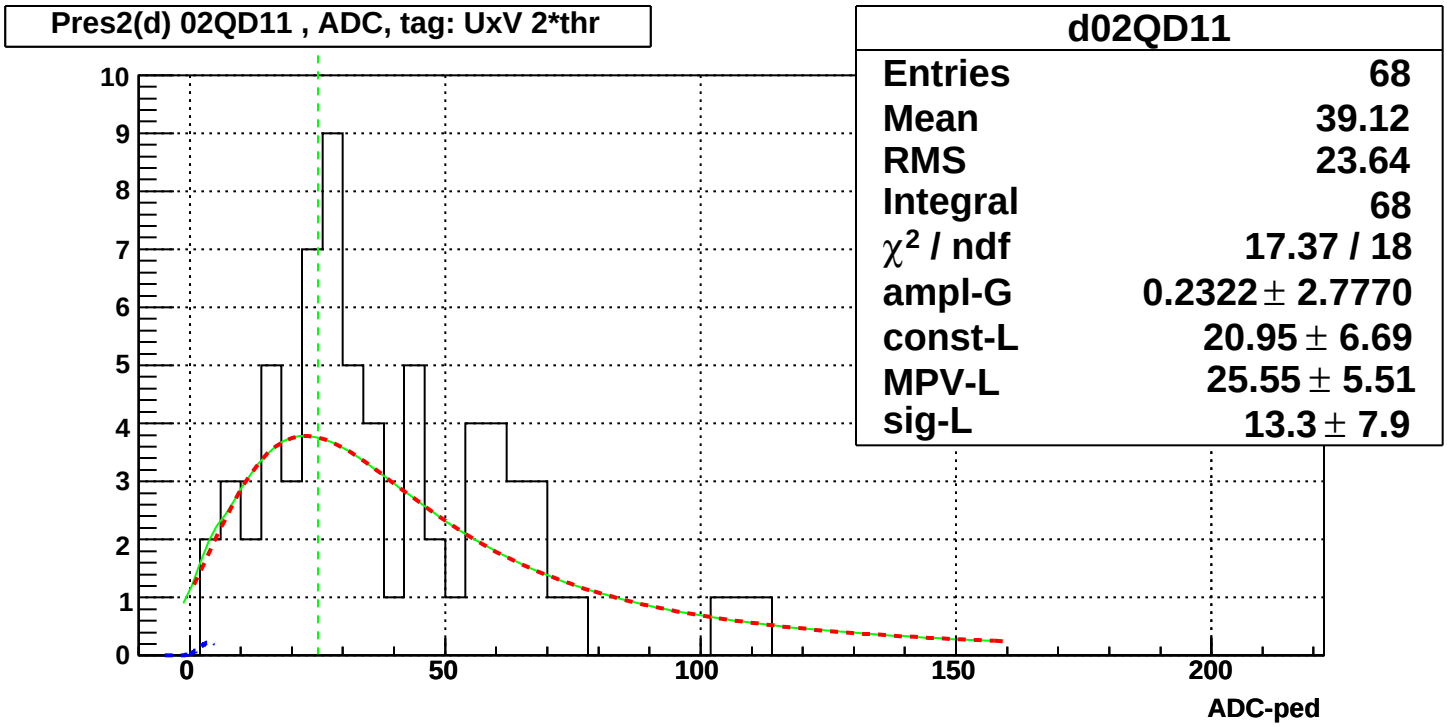

Pres2(a) 02QB11 , inclusive ADC
a02QB11
Entries 504000
Mean 1.102
RMS 7.623
Integral 5.037e+05
χ² / ndf 97 / 2
Constant 2.854e+06 ± 60172
Mean 0.5685 ± 0.0004
Sigma 0.03667 ± 0.00022
ADC-ped

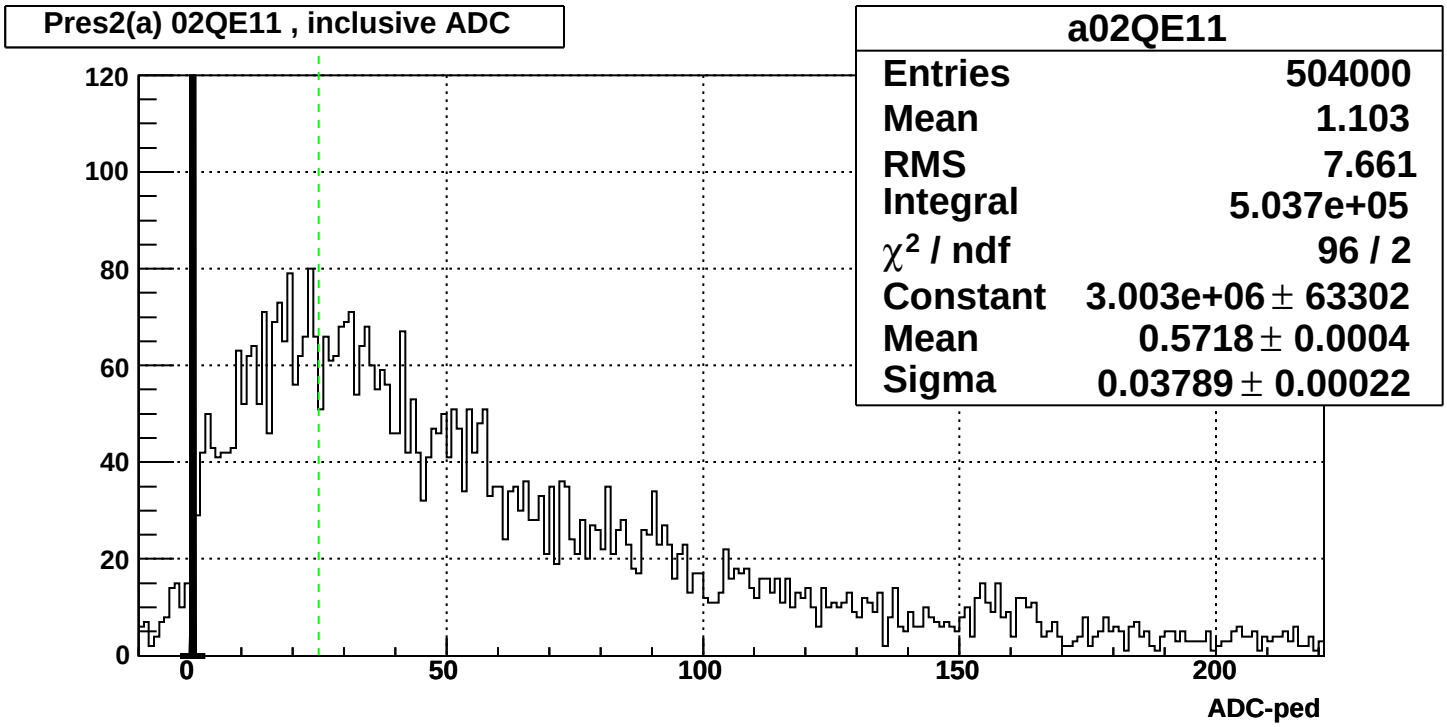

Pres2(d) 02QB11 , ADC, tag: UxV 2*thr
d02QB11
Entries 49
Mean 37.31
RMS 28.15
Integral 49
χ² / ndf 14.5 / 15
ampl-G 2.694 ± 2.417
const-L 13.01 ± 3.60
MPV-L 35.51 ± 9.80
sig-L 18.2 ± 10.0
ADC-ped

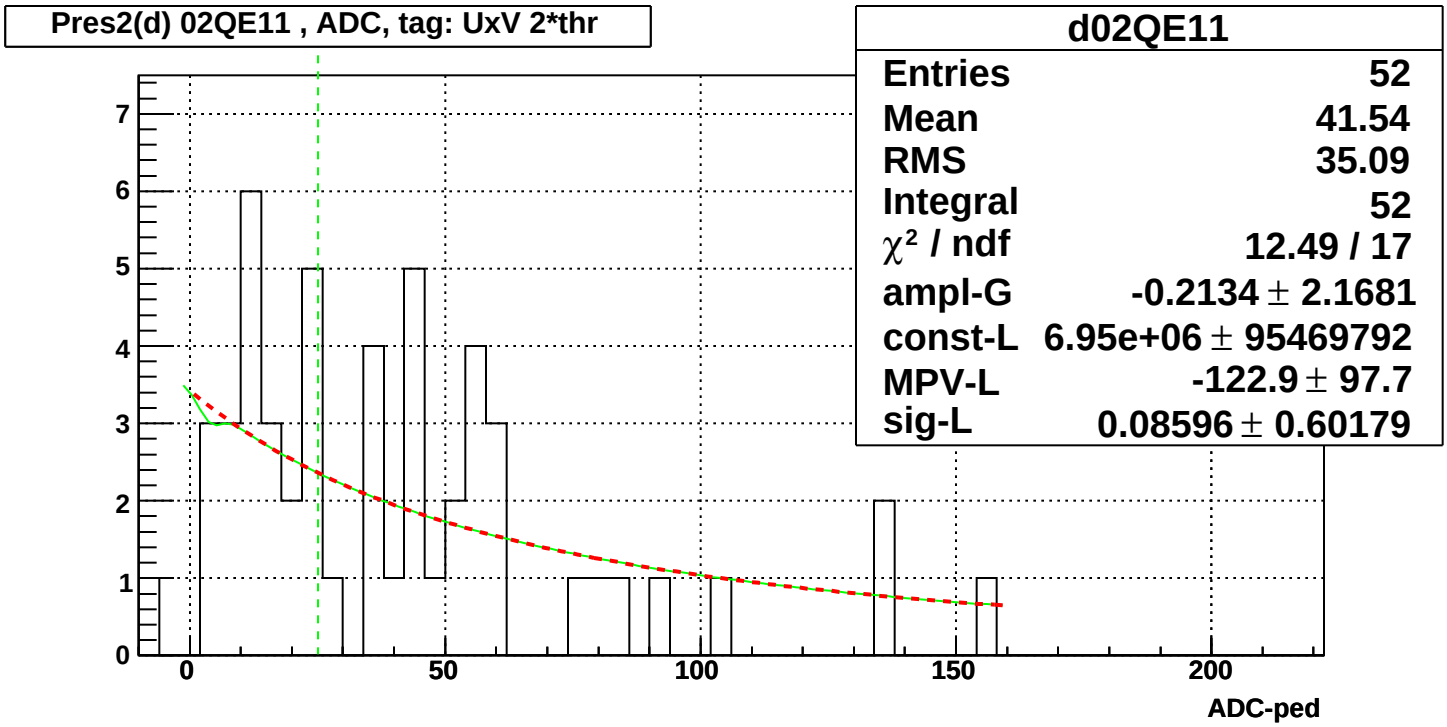

Pres2(a) 02QC11 , inclusive ADC
a02QC11
Entries 504000
Mean 1.121
RMS 7.764
Integral 5.036e+05
χ² / ndf 82 / 2
Constant 3.578e+06 ± 75418
Mean 0.5661 ± 0.0004
Sigma 0.03327 ± 0.00018
ADC-ped

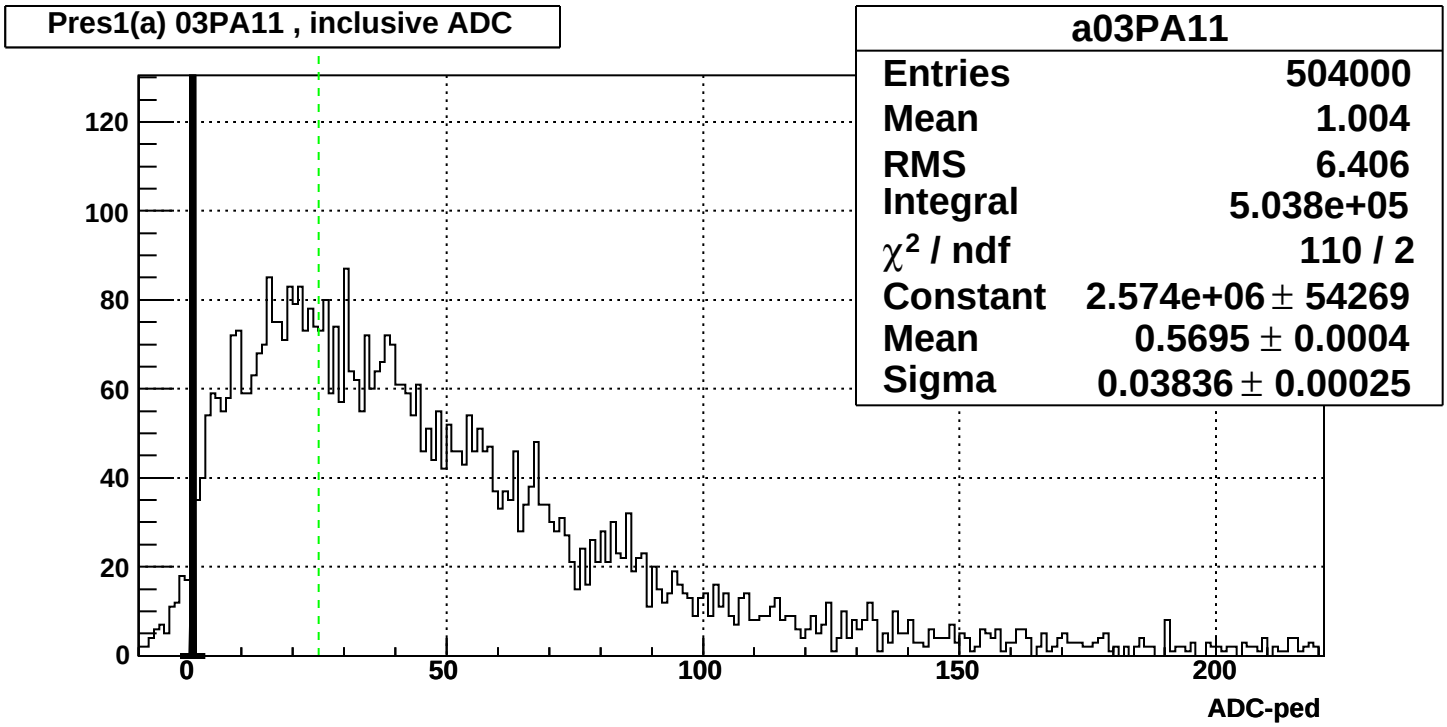

Pres2(d) 02QC11 , ADC, tag: UxV 2*thr
d02QC11
Entries 55
Mean 35.64
RMS 22.63
Integral 55
χ² / ndf 10.46 / 17
ampl-G -4.136 ± 2.069
const-L 2.352e+05 ± 346413
MPV-L -72.05 ± 36.29
sig-L 0.3299 ± 0.2435
ADC-ped

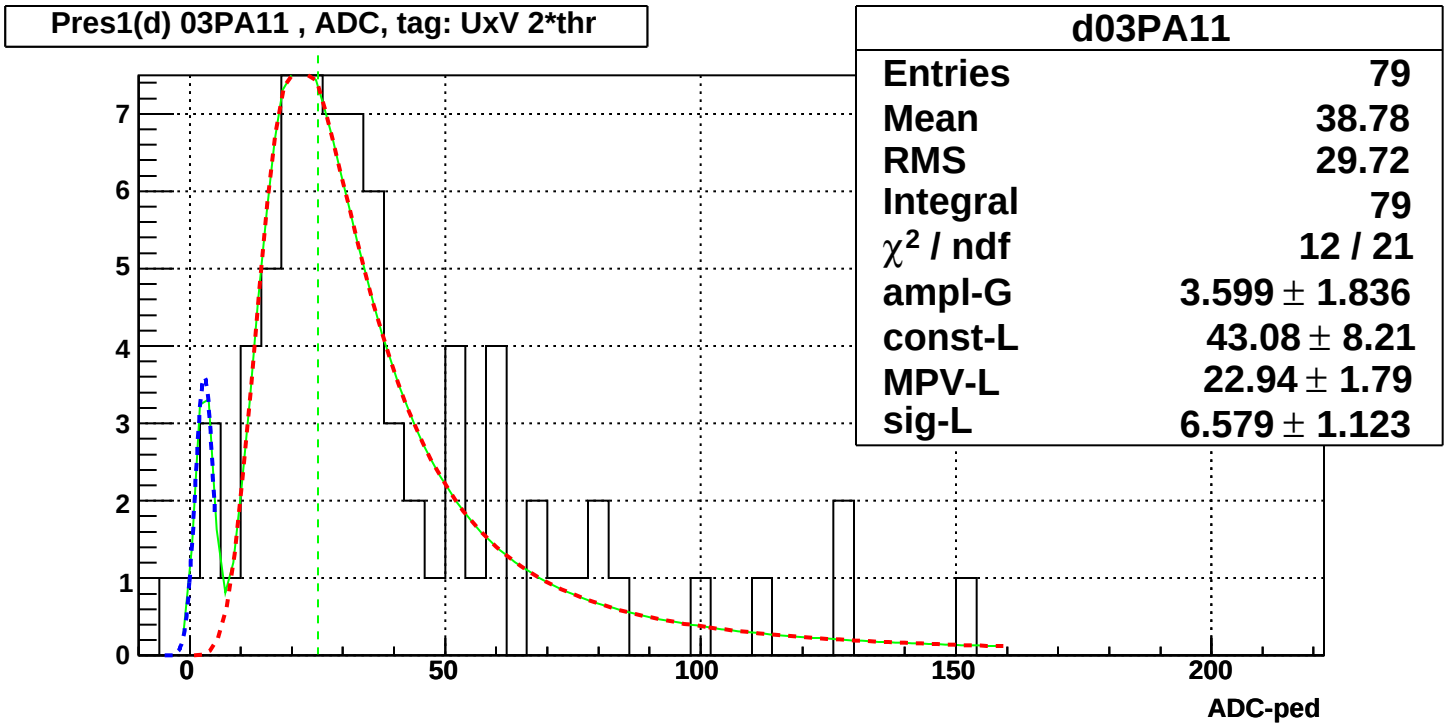

Pres2(a) 02QD11 , inclusive ADC
a02QD11
Entries 504000
Mean 1.141
RMS 7.987
Integral 5.037e+05
χ² / ndf 98 / 2
Constant 3.004e+06 ± 63337
Mean 0.5724 ± 0.0004
Sigma 0.03818 ± 0.00022
ADC-ped

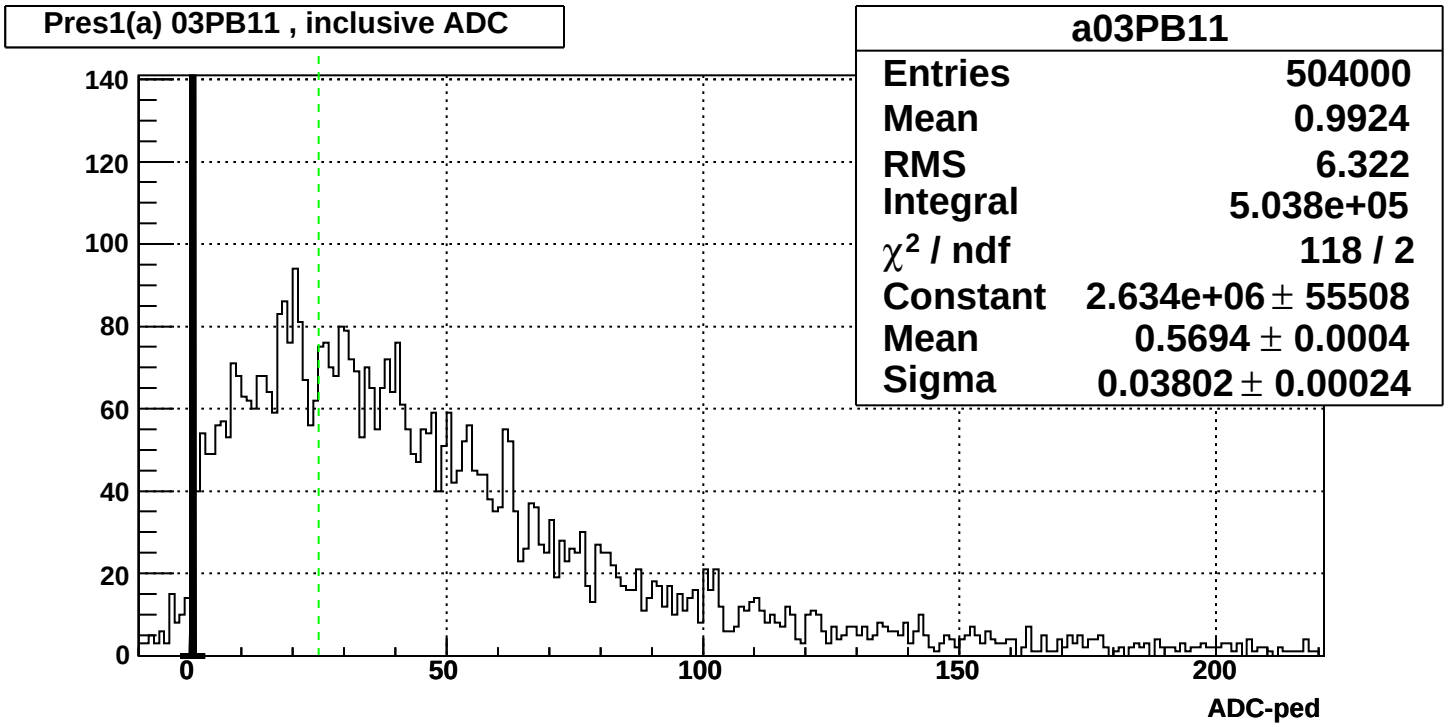

Pres2(d) 02QD11 , ADC, tag: UxV 2*thr
d02QD11
Entries 68
Mean 39.12
RMS 23.64
Integral 68
χ² / ndf 17.37 / 18
ampl-G 0.2322 ± 2.7770
const-L 20.95 ± 6.69
MPV-L 25.55 ± 5.51
sig-L 13.3 ± 7.9
ADC-ped

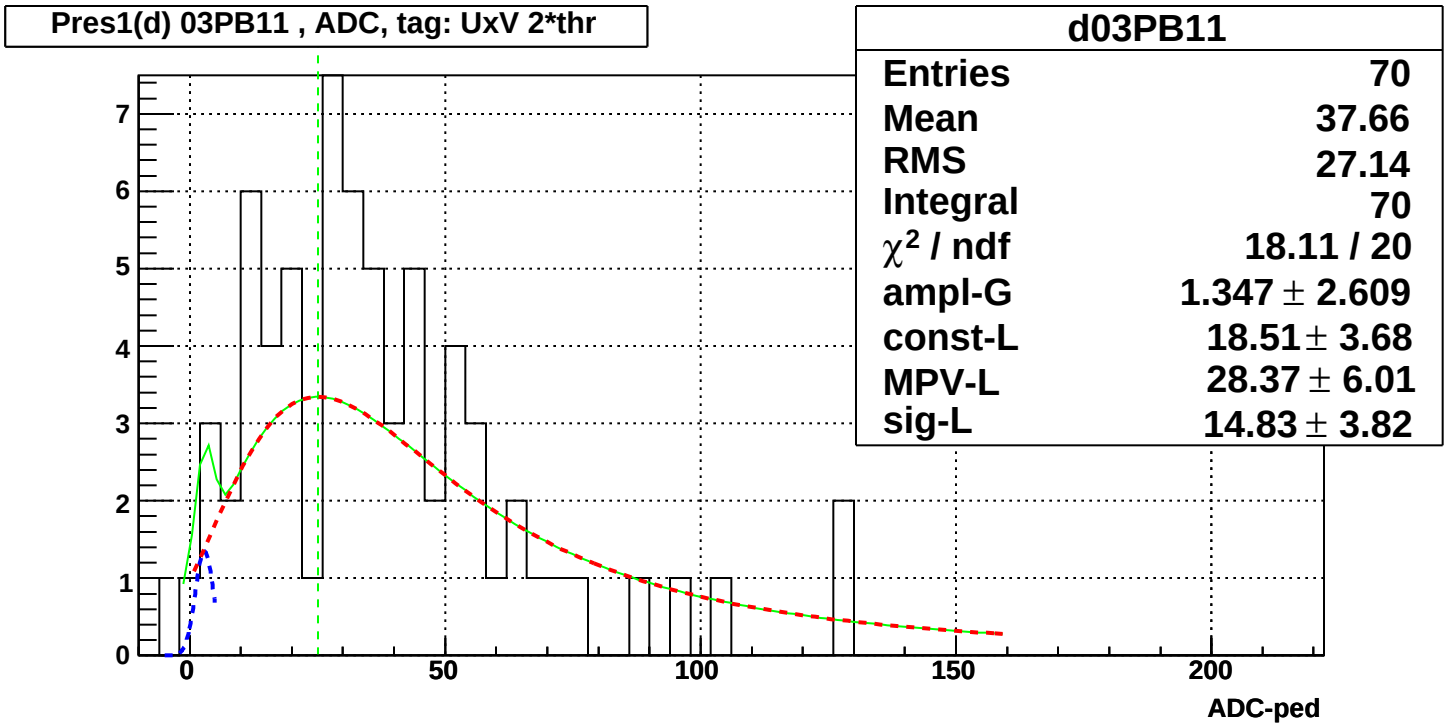

Pres2(a) 02QE11 , inclusive ADC
a02QE11
Entries 504000
Mean 1.103
RMS 7.661
Integral 5.037e+05
χ² / ndf 96 / 2
Constant 3.003e+06 ± 63302
Mean 0.5718 ± 0.0004
Sigma 0.03789 ± 0.00022
ADC-ped

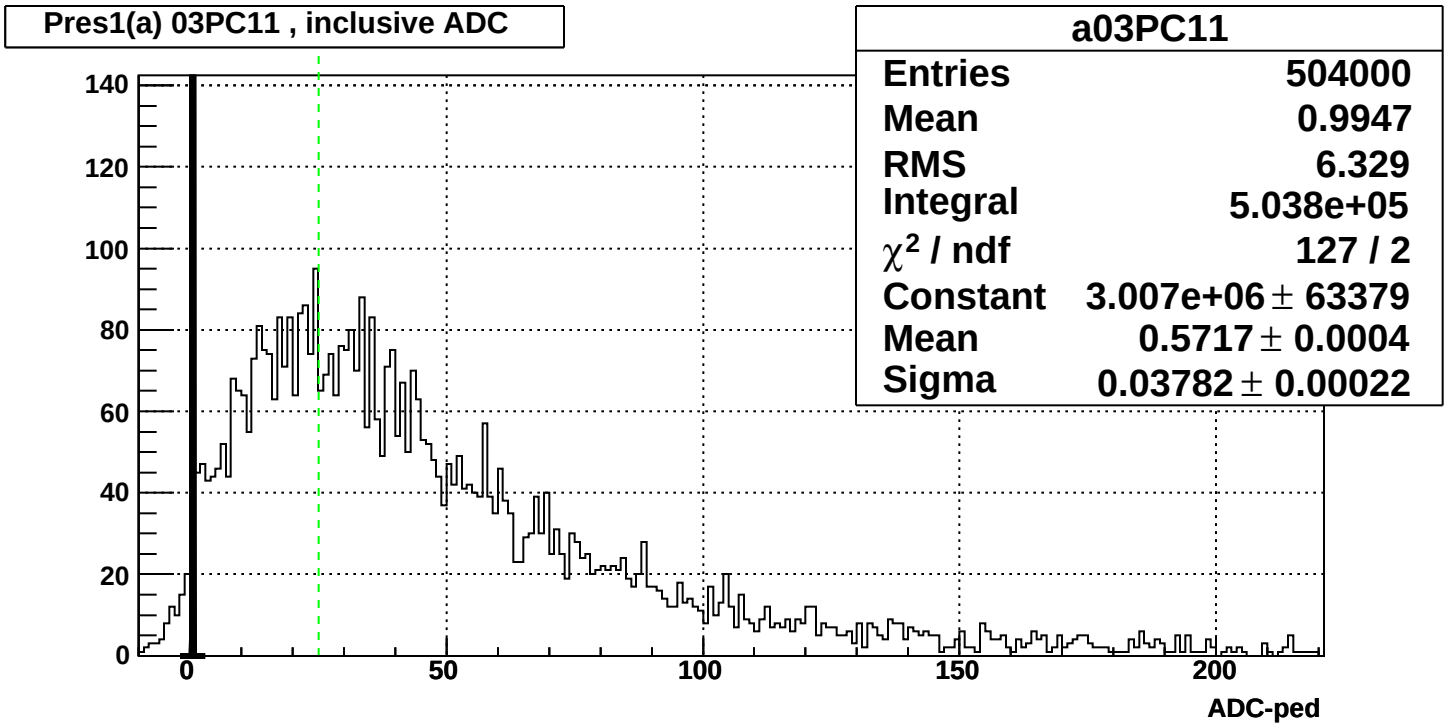

Pres2(d) 02QE11 , ADC, tag: UxV 2*thr
d02QE11
Entries 52
Mean 41.54
RMS 35.09
Integral 52
χ² / ndf 12.49 / 17
ampl-G -0.2134 ± 2.1681
const-L 6.95e+06 ± 95469792
MPV-L -122.9 ± 97.7
sig-L 0.08596 ± 0.60179
ADC-ped

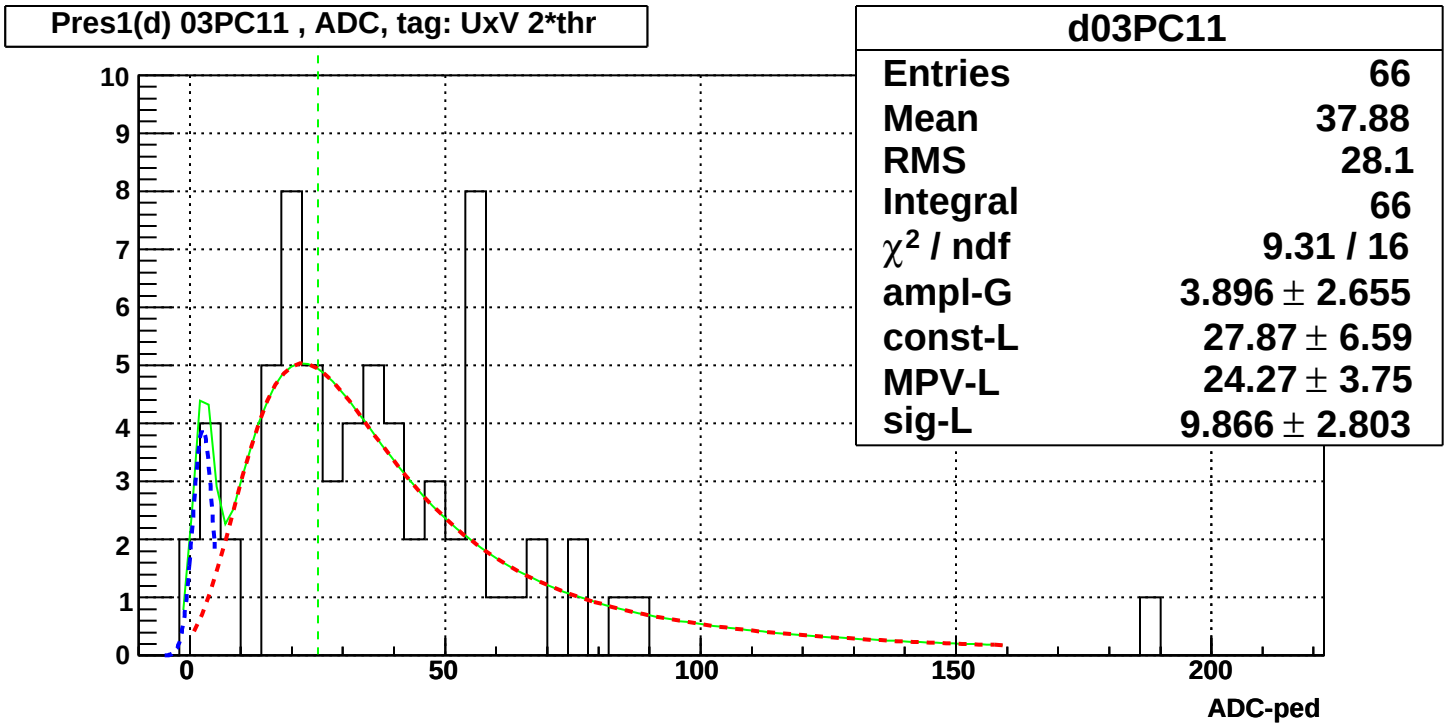

Pres1(a) 03PA11 , inclusive ADC
a03PA11
Entries 504000
Mean 1.004
RMS 6.406
Integral 5.038e+05
χ² / ndf 110 / 2
Constant 2.574e+06 ± 54269
Mean 0.5695 ± 0.0004
Sigma 0.03836 ± 0.00025
ADC-ped

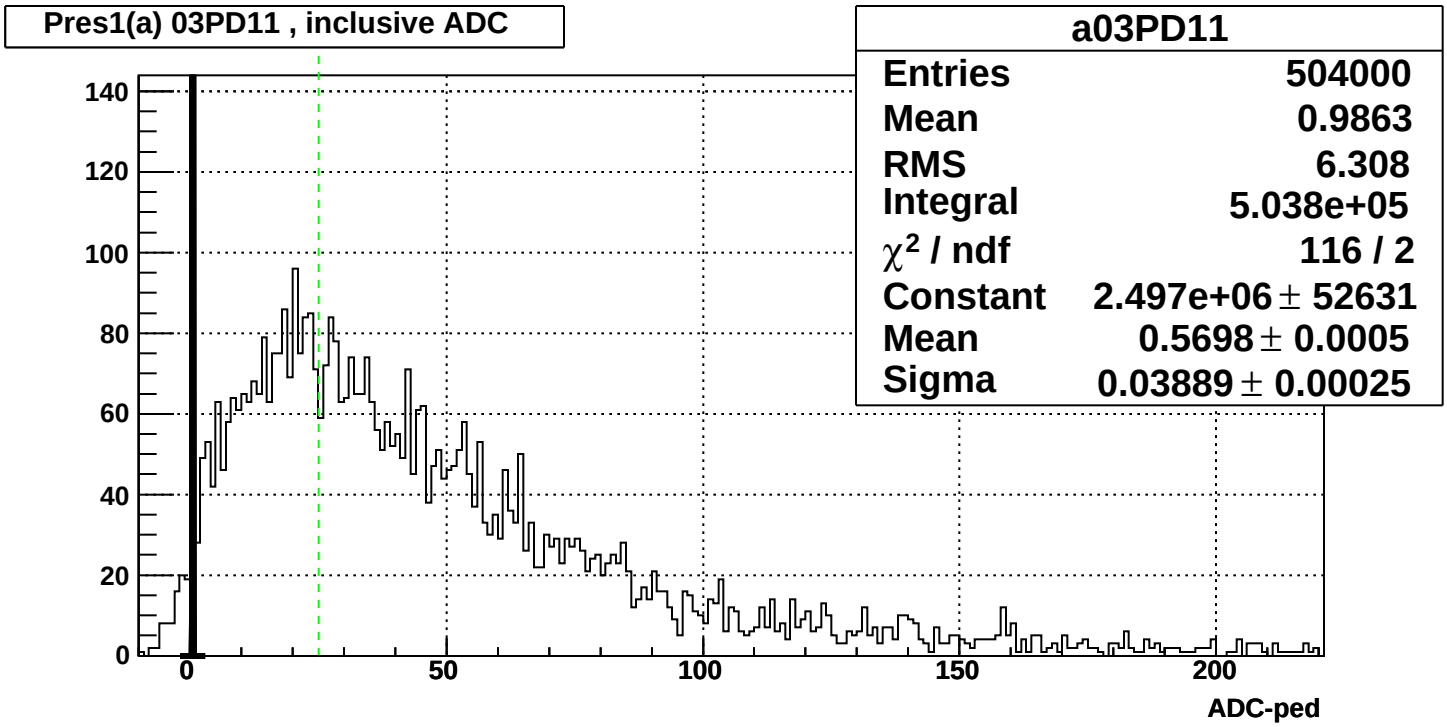

Pres1(d) 03PA11 , ADC, tag: UxV 2*thr
d03PA11
Entries 79
Mean 38.78
RMS 29.72
Integral 79
χ² / ndf 12 / 21
ampl-G 3.599 ± 1.836
const-L 43.08 ± 8.21
MPV-L 22.94 ± 1.79
sig-L 6.579 ± 1.123
ADC-ped

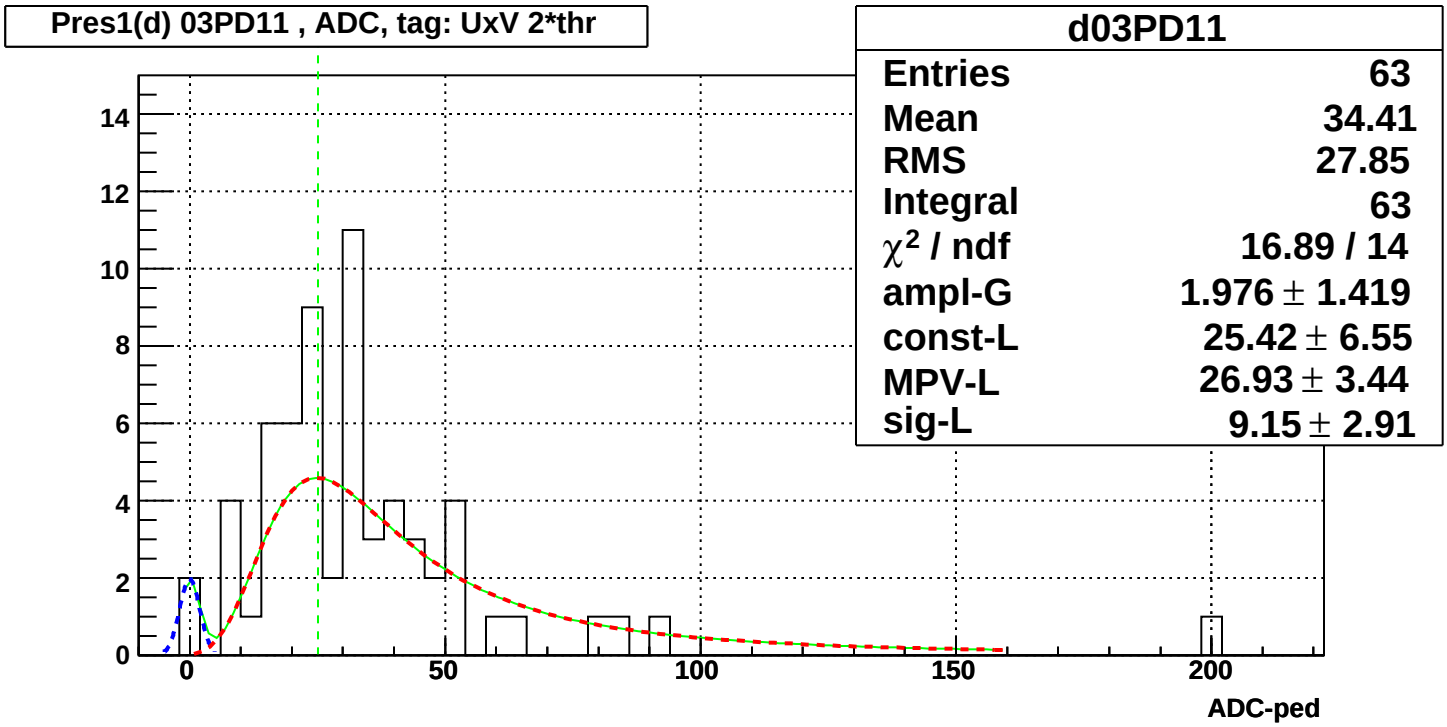

Pres1(a) 03PB11 , inclusive ADC
a03PB11
Entries 504000
Mean 0.9924
RMS 6.322
Integral 5.038e+05
χ² / ndf 118 / 2
Constant 2.634e+06 ± 55508
Mean 0.5694 ± 0.0004
Sigma 0.03802 ± 0.00024
ADC-ped

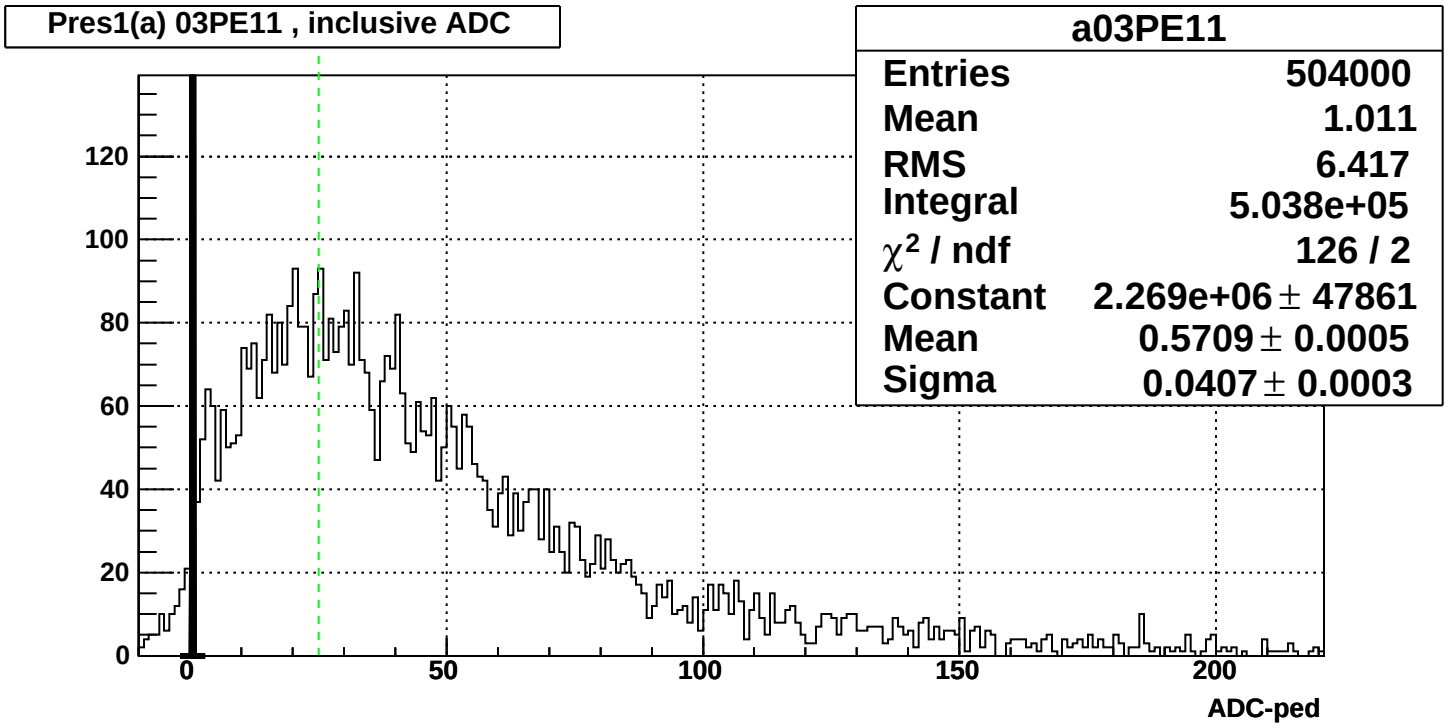

Pres1(d) 03PB11 , ADC, tag: UxV 2*thr
d03PB11
Entries 70
Mean 37.66
RMS 27.14
Integral 70
χ² / ndf 18.11 / 20
ampl-G 1.347 ± 2.609
const-L 18.51 ± 3.68
MPV-L 28.37 ± 6.01
sig-L 14.83 ± 3.82
ADC-ped

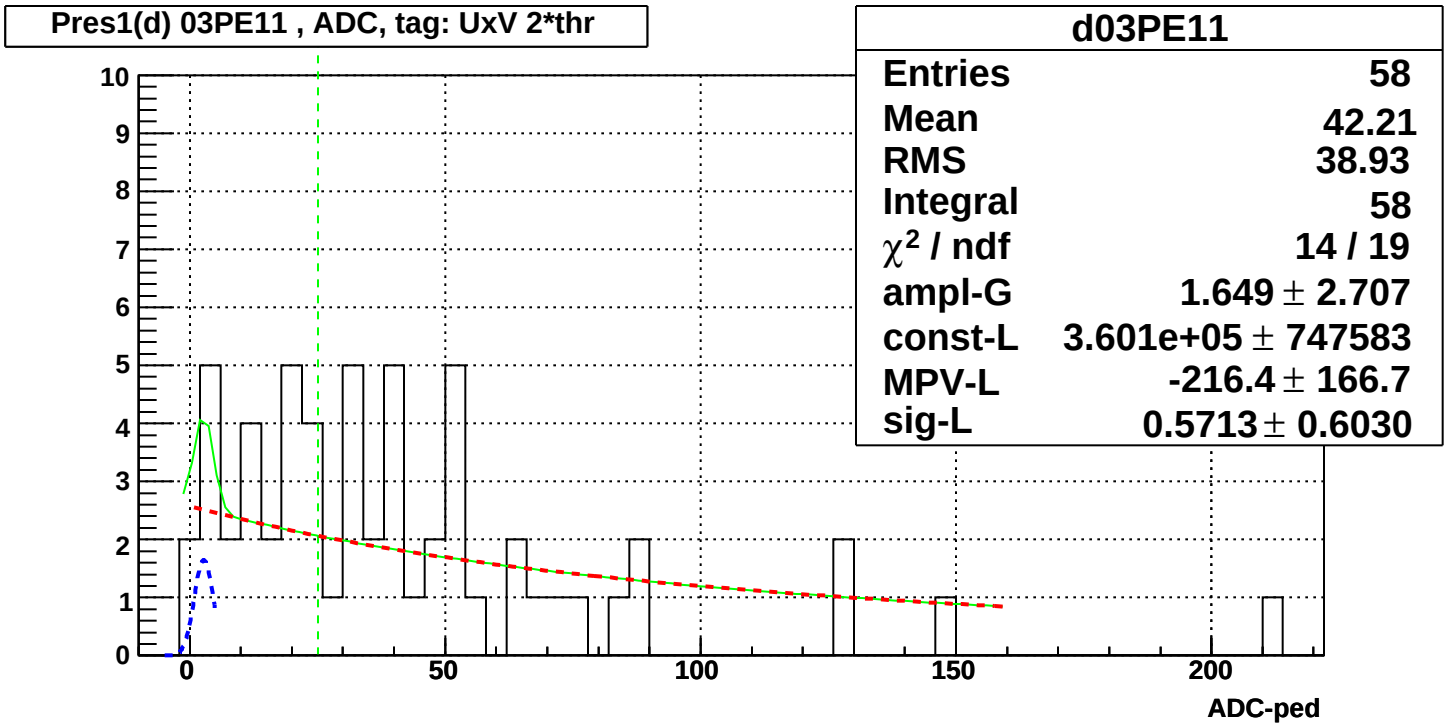

Pres1(a) 03PC11 , inclusive ADC
a03PC11
Entries 504000
Mean 0.9947
RMS 6.329
Integral 5.038e+05
χ² / ndf 127 / 2
Constant 3.007e+06 ± 63379
Mean 0.5717 ± 0.0004
Sigma 0.03782 ± 0.00022
ADC-ped

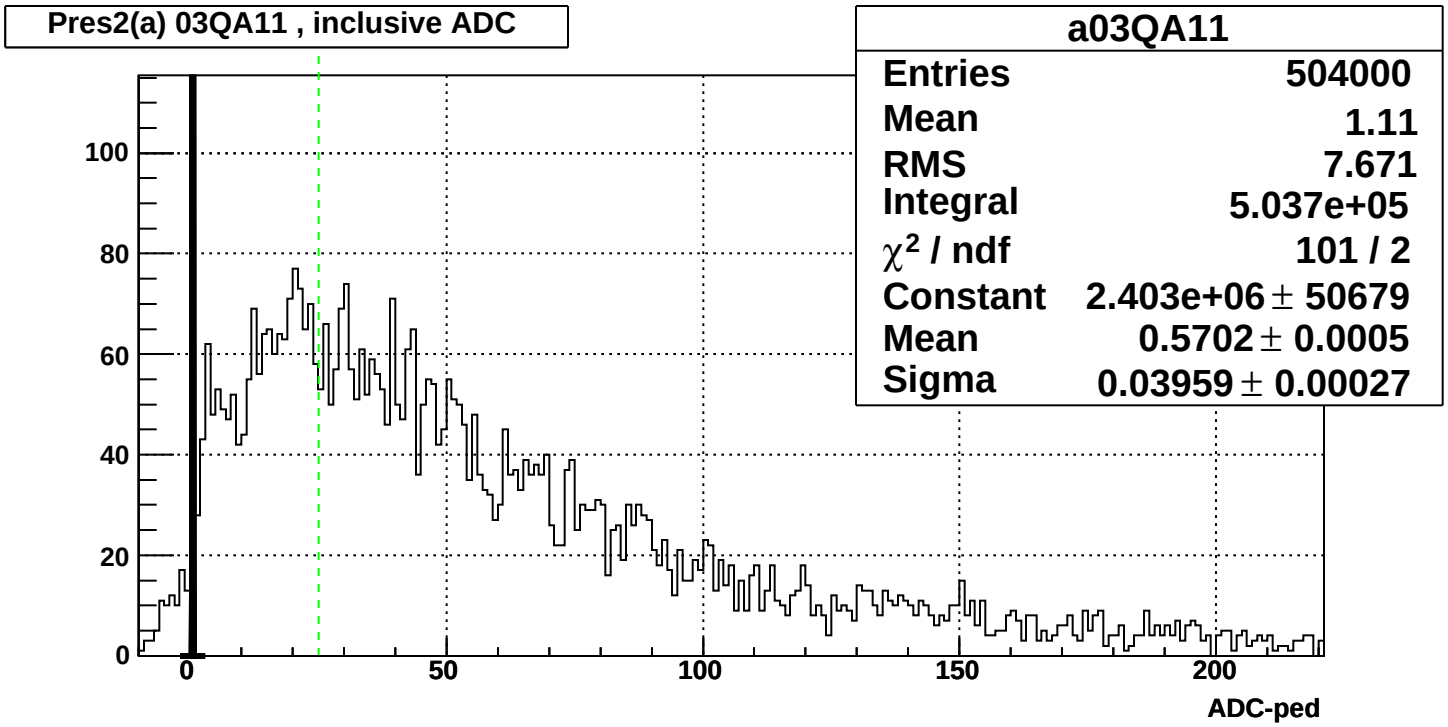

Pres1(d) 03PC11 , ADC, tag: UxV 2*thr
d03PC11
Entries 66
Mean 37.88
RMS 28.1
Integral 66
χ² / ndf 9.31 / 16
ampl-G 3.896 ± 2.655
const-L 27.87 ± 6.59
MPV-L 24.27 ± 3.75
sig-L 9.866 ± 2.803
ADC-ped

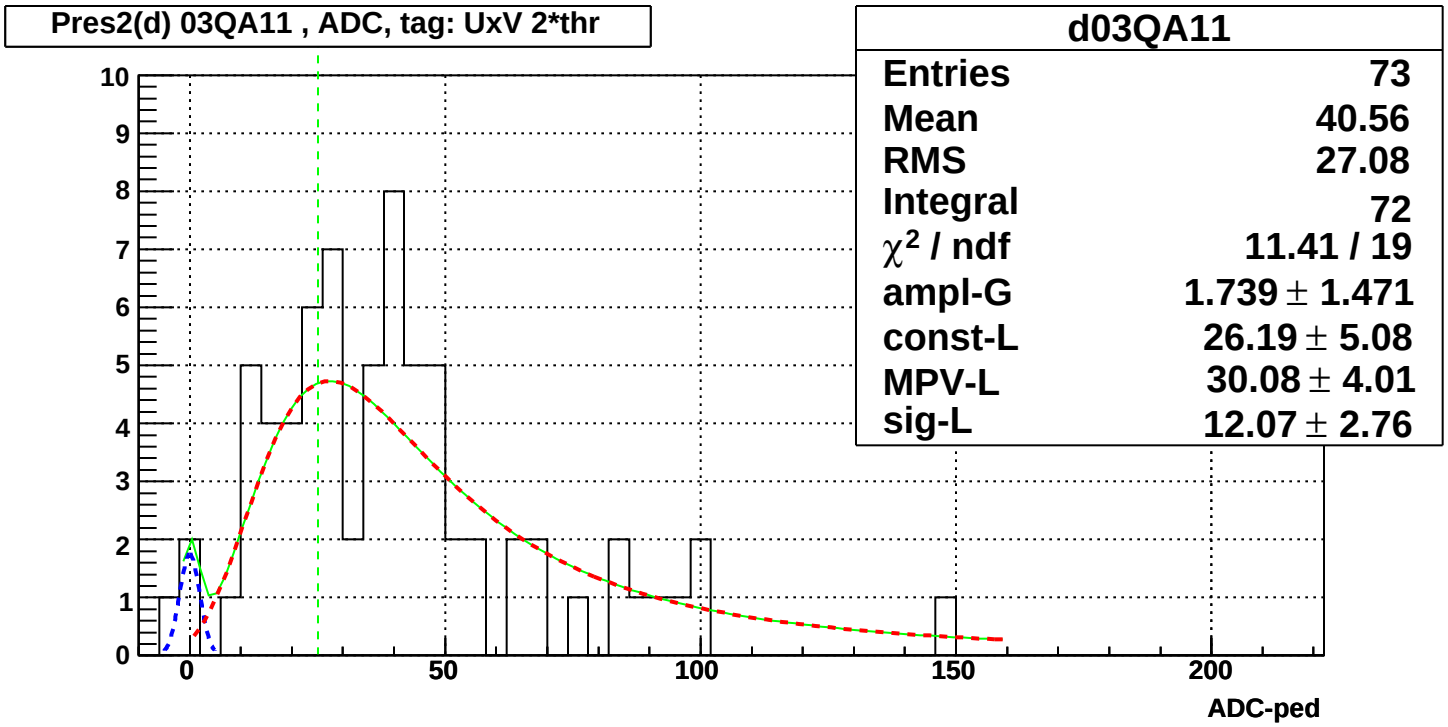

Pres1(a) 03PD11 , inclusive ADC
a03PD11
Entries 504000
Mean 0.9863
RMS 6.308
Integral 5.038e+05
χ² / ndf 116 / 2
Constant 2.497e+06 ± 52631
Mean 0.5698 ± 0.0005
Sigma 0.03889 ± 0.00025
ADC-ped

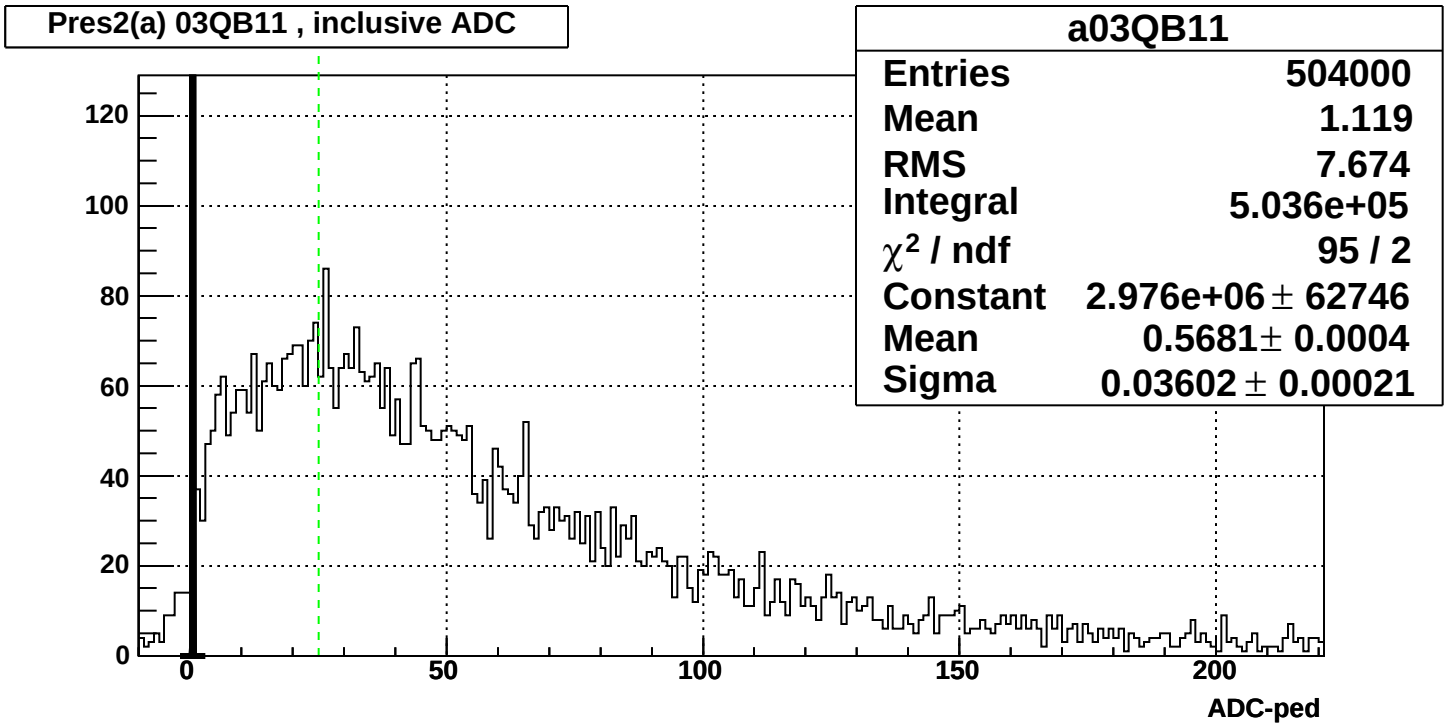

Pres1(d) 03PD11 , ADC, tag: UxV 2*thr
d03PD11
Entries 63
Mean 34.41
RMS 27.85
Integral 63
χ² / ndf 16.89 / 14
ampl-G 1.976 ± 1.419
const-L 25.42 ± 6.55
MPV-L 26.93 ± 3.44
sig-L 9.15 ± 2.91
ADC-ped

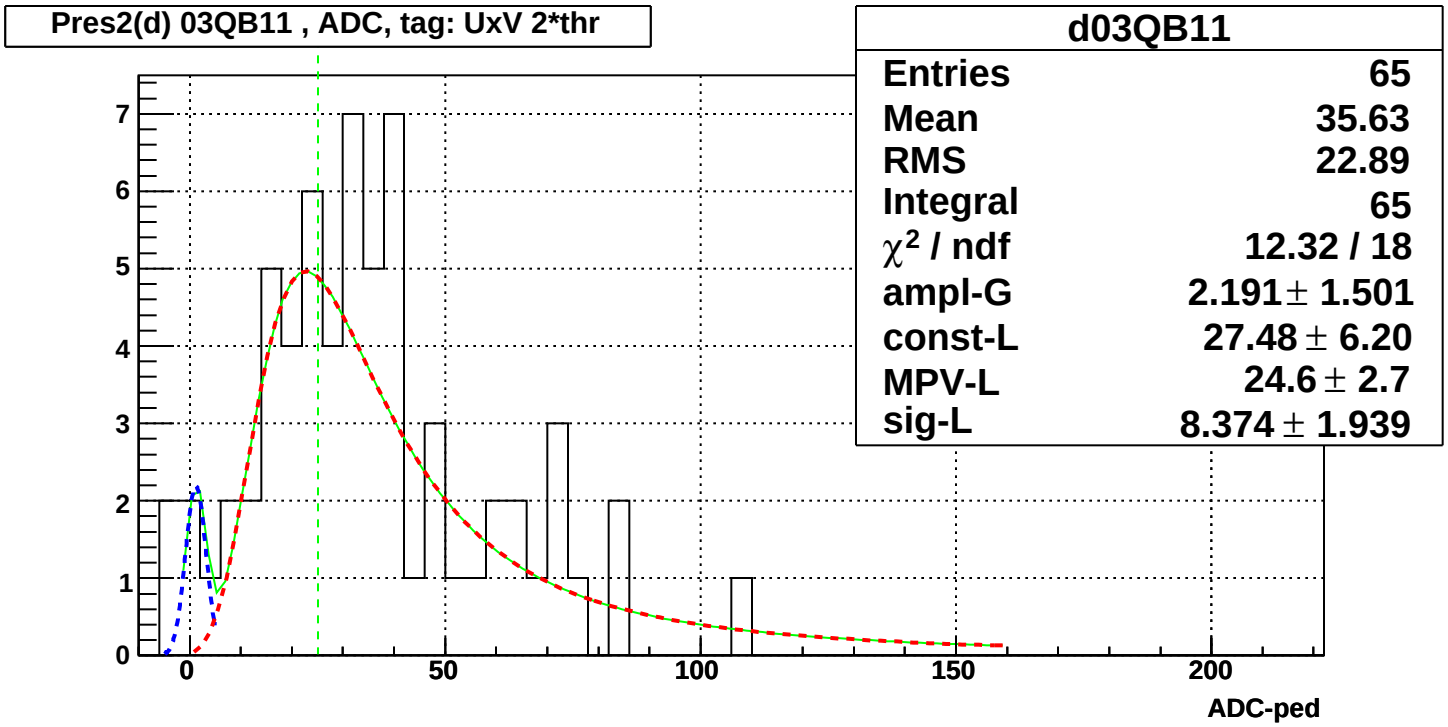

Pres1(a) 03PE11 , inclusive ADC
a03PE11
Entries 504000
Mean 1.011
RMS 6.417
Integral 5.038e+05
χ² / ndf 126 / 2
Constant 2.269e+06 ± 47861
Mean 0.5709 ± 0.0005
Sigma 0.0407 ± 0.0003
ADC-ped

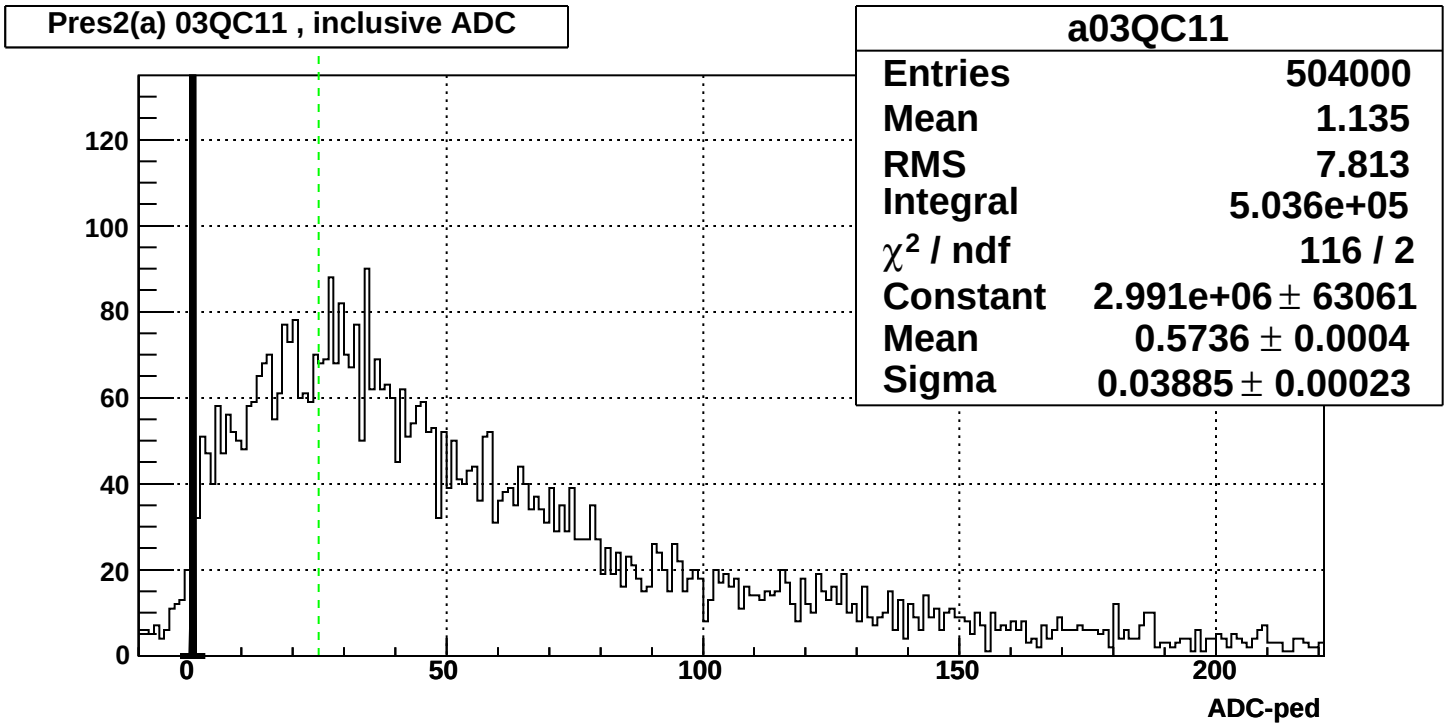

Pres1(d) 03PE11 , ADC, tag: UxV 2*thr
d03PE11
Entries 58
Mean 42.21
RMS 38.93
Integral 58
χ² / ndf 14 / 19
ampl-G 1.649 ± 2.707
const-L 3.601e+05 ± 747583
MPV-L -216.4 ± 166.7
sig-L 0.5713 ± 0.6030
ADC-ped

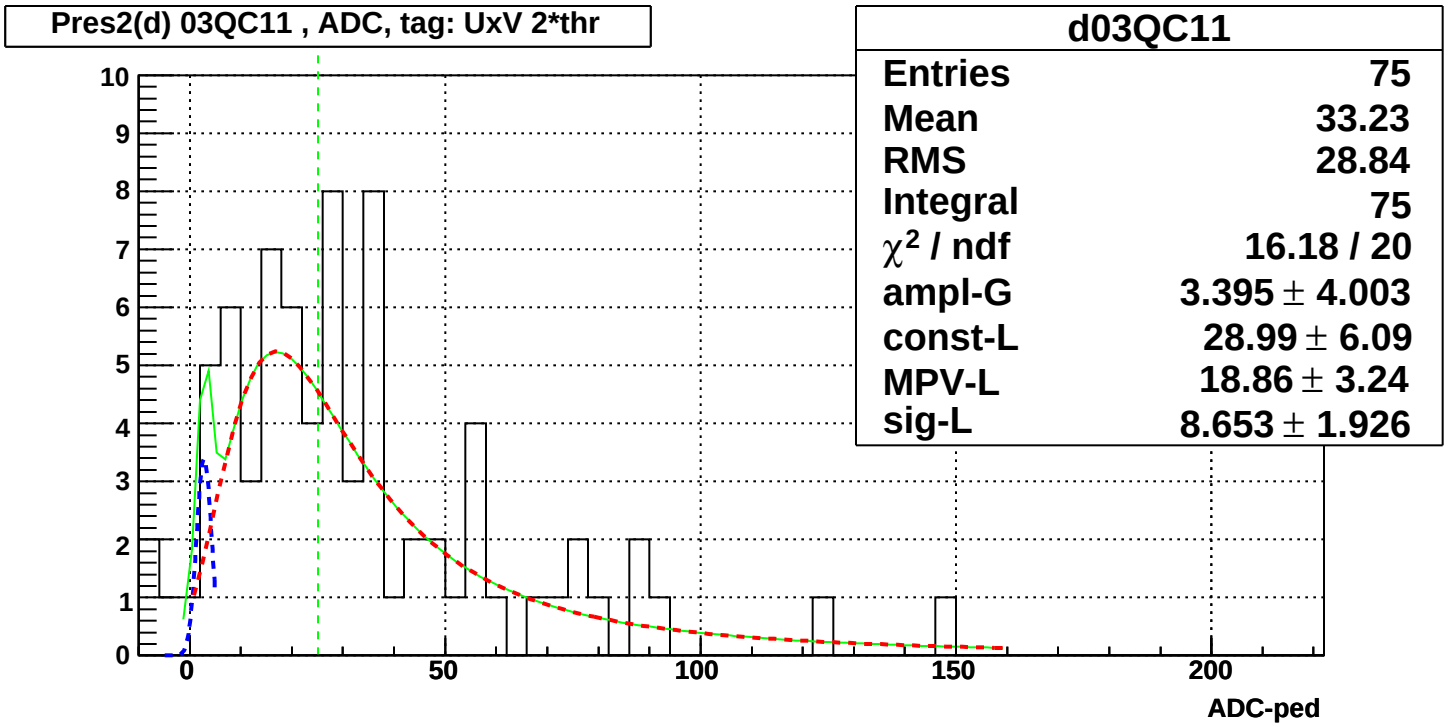

Pres2(a) 03QA11 , inclusive ADC
a03QA11
Entries 504000
Mean 1.11
RMS 7.671
Integral 5.037e+05
χ² / ndf 101 / 2
Constant 2.403e+06 ± 50679
Mean 0.5702 ± 0.0005
Sigma 0.03959 ± 0.00027
ADC-ped

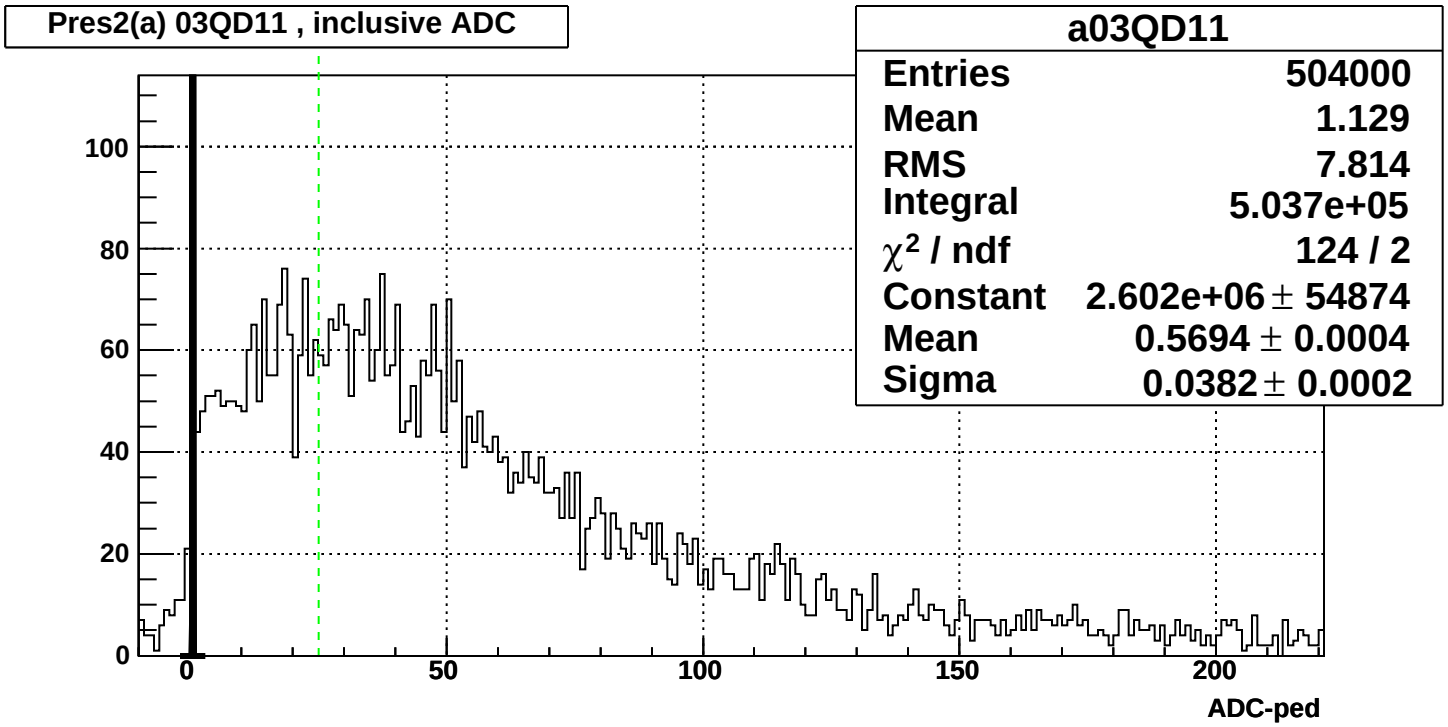

Pres2(d) 03QA11 , ADC, tag: UxV 2*thr
d03QA11
Entries 73
Mean 40.56
RMS 27.08
Integral 72
χ² / ndf 11.41 / 19
ampl-G 1.739 ± 1.471
const-L 26.19 ± 5.08
MPV-L 30.08 ± 4.01
sig-L 12.07 ± 2.76
ADC-ped

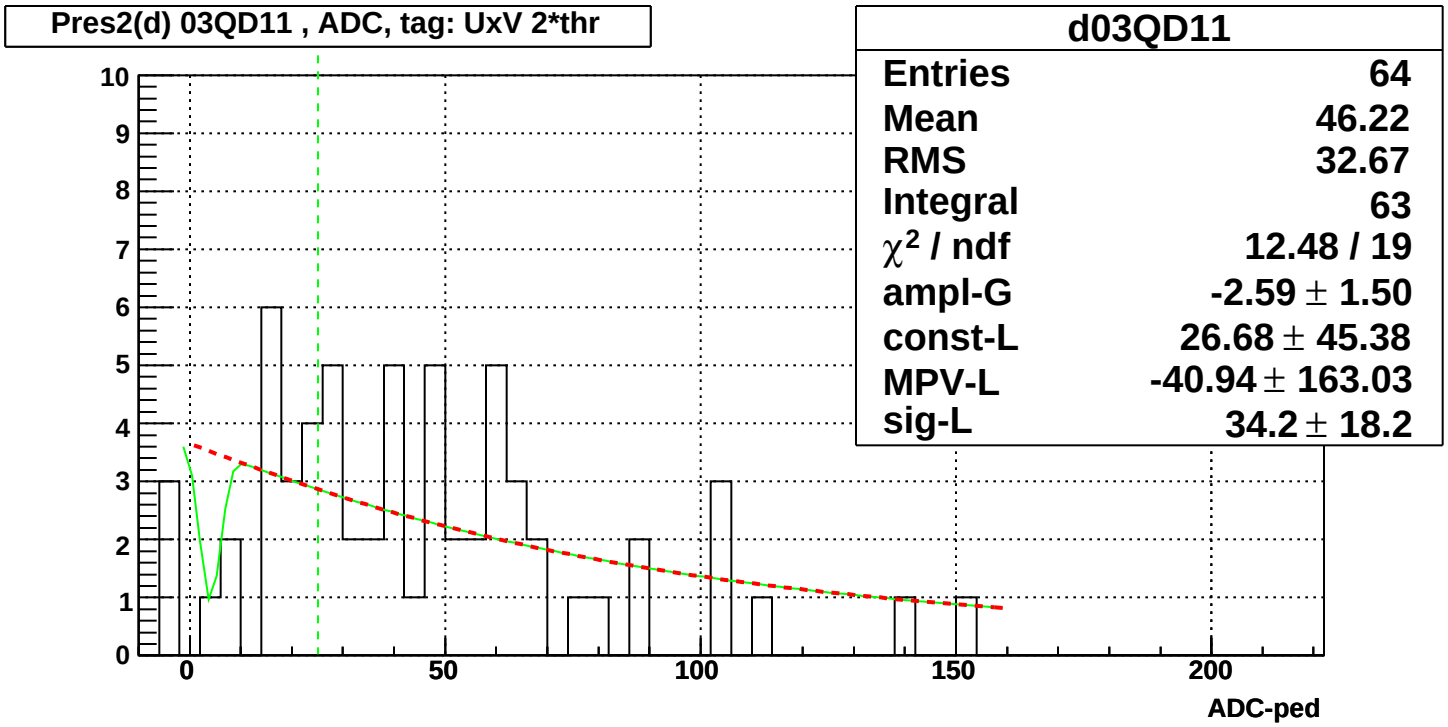

Pres2(a) 03QB11 , inclusive ADC
a03QB11
Entries 504000
Mean 1.119
RMS 7.674
Integral 5.036e+05
χ² / ndf 95 / 2
Constant 2.976e+06 ± 62746
Mean 0.5681 ± 0.0004
Sigma 0.03602 ± 0.00021
ADC-ped

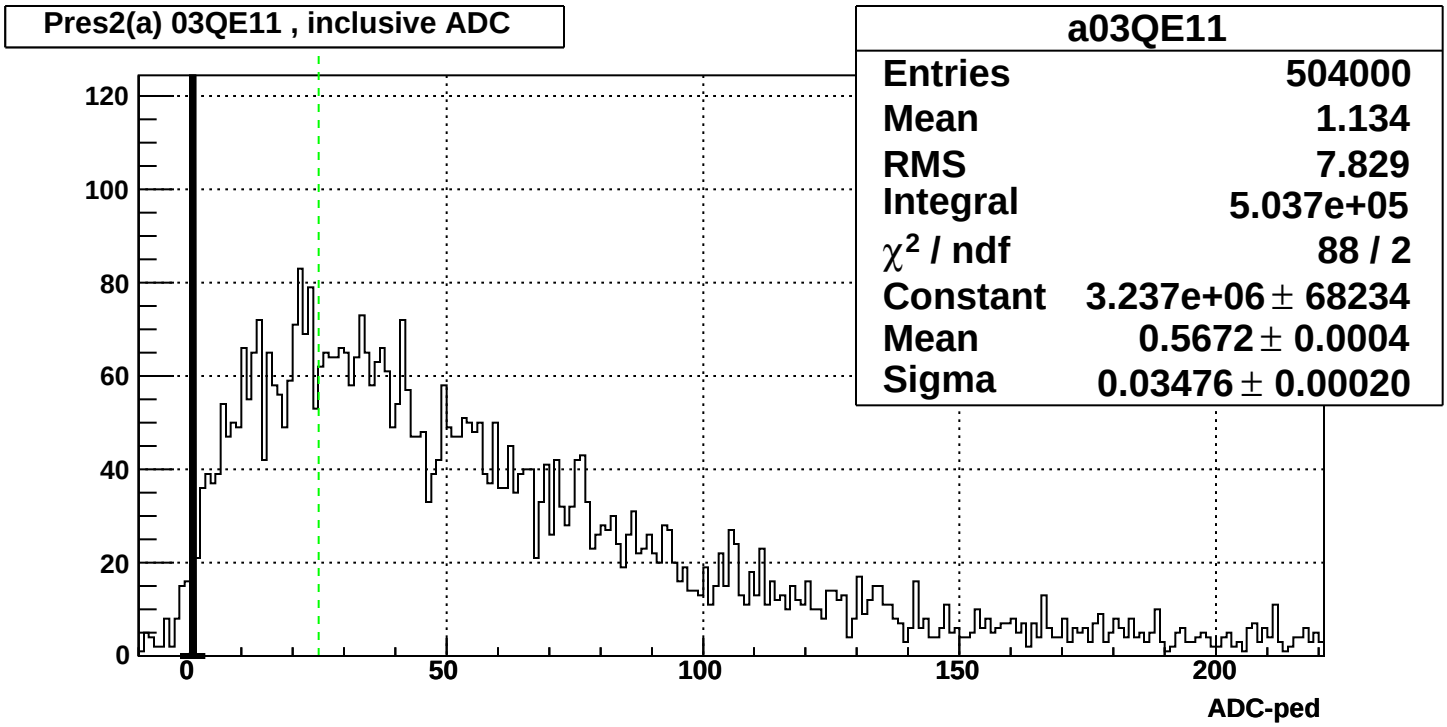

Pres2(d) 03QB11 , ADC, tag: UxV 2*thr
d03QB11
Entries 65
Mean 35.63
RMS 22.89
Integral 65
χ² / ndf 12.32 / 18
ampl-G 2.191 ± 1.501
const-L 27.48 ± 6.20
MPV-L 24.6 ± 2.7
sig-L 8.374 ± 1.939
ADC-ped

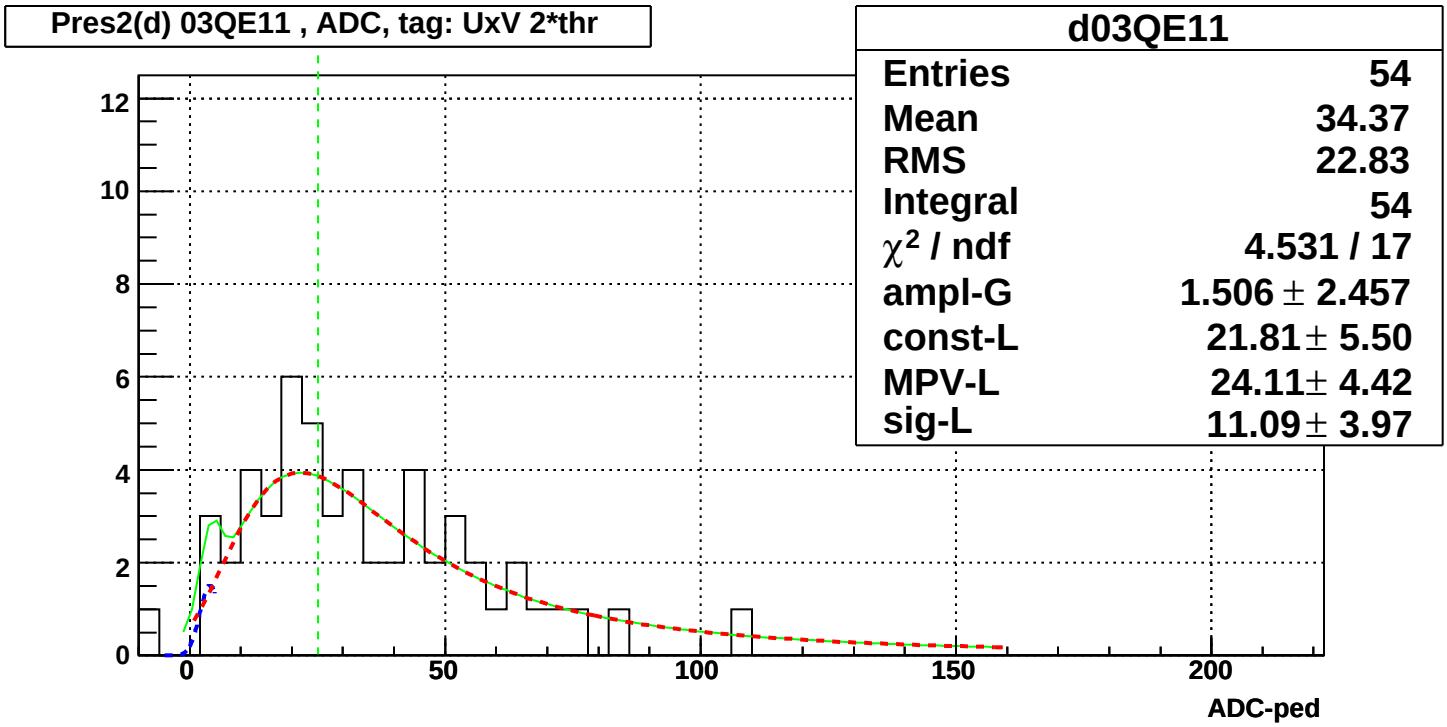

Pres2(a) 03QC11 , inclusive ADC
a03QC11
Entries 504000
Mean 1.135
RMS 7.813
Integral 5.036e+05
χ² / ndf 116 / 2
Constant 2.991e+06 ± 63061
Mean 0.5736 ± 0.0004
Sigma 0.03885 ± 0.00023
ADC-ped

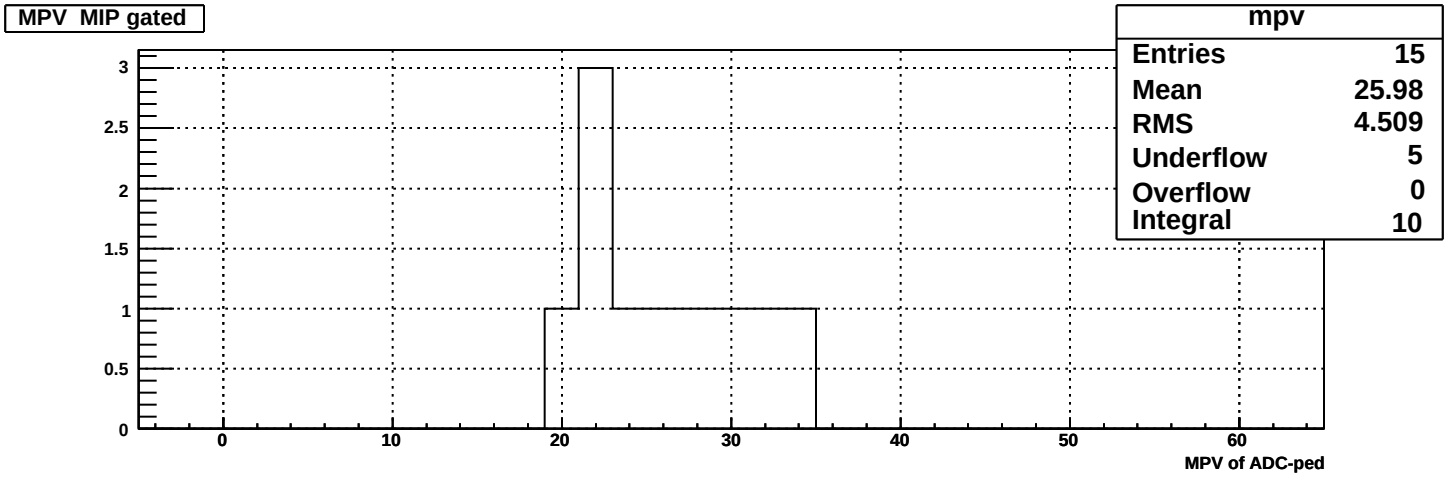

Pres2(d) 03QC11 , ADC, tag: UxV 2*thr
d03QC11
Entries 75
Mean 33.23
RMS 28.84
Integral 75
χ² / ndf 16.18 / 20
ampl-G 3.395 ± 4.003
const-L 28.99 ± 6.09
MPV-L 18.86 ± 3.24
sig-L 8.653 ± 1.926
ADC-ped

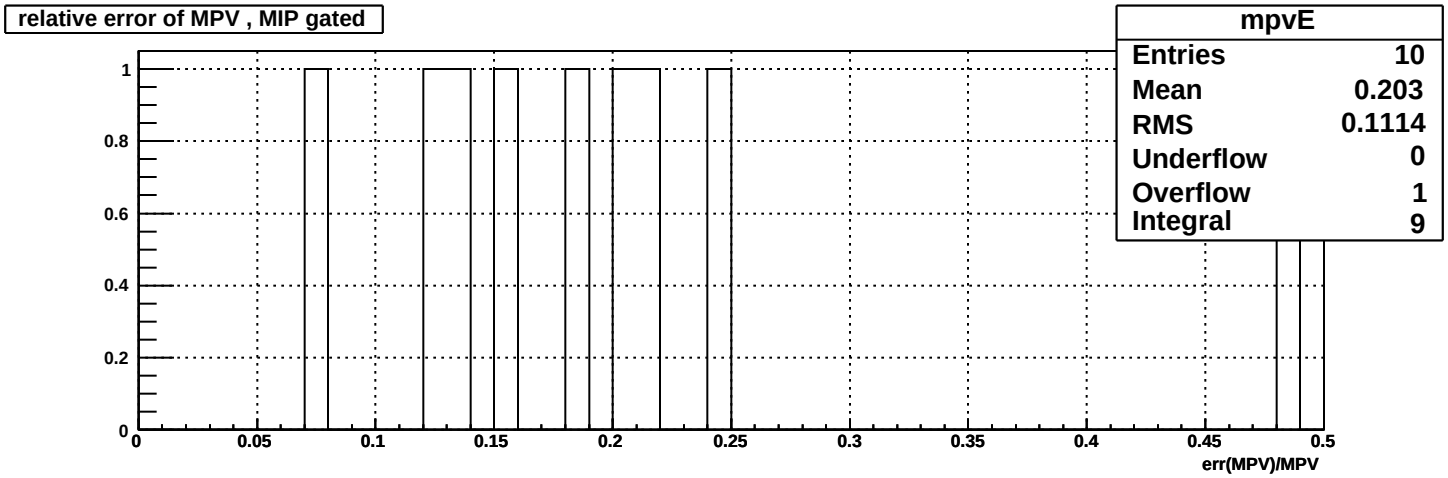

Pres2(a) 03QD11 , inclusive ADC
a03QD11
Entries 504000
Mean 1.129
RMS 7.814
Integral 5.037e+05
χ² / ndf 124 / 2
Constant 2.602e+06 ± 54874
Mean 0.5694 ± 0.0004
Sigma 0.0382 ± 0.0002
ADC-ped

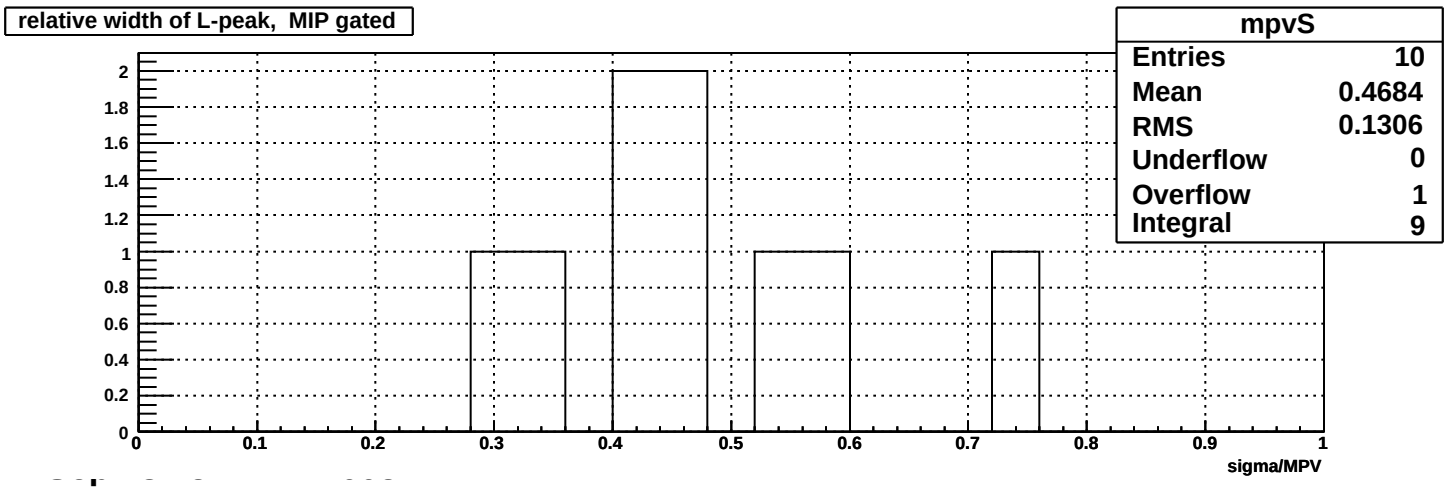

Pres2(d) 03QD11 , ADC, tag: UxV 2*thr
d03QD11
Entries 64
Mean 46.22
RMS 32.67
Integral 63
χ² / ndf 12.48 / 19
ampl-G -2.59 ± 1.50
const-L 26.68 ± 45.38
MPV-L -40.94 ± 163.03
sig-L 34.2 ± 18.2
ADC-ped


Pres2(a) 03QE11 , inclusive ADC
a03QE11
Entries 504000
Mean 1.134
RMS 7.829
Integral 5.037e+05
χ² / ndf 88 / 2
Constant 3.237e+06 ± 68234
Mean 0.5672 ± 0.0004
Sigma 0.03476 ± 0.00020
ADC-ped


Pres2(d) 03QE11 , ADC, tag: UxV 2*thr
d03QE11
Entries 54
Mean 34.37
RMS 22.83
Integral 54
χ² / ndf 4.531 / 17
ampl-G 1.506 ± 2.457
const-L 21.81 ± 5.50
MPV-L 24.11 ± 4.42
sig-L 11.09 ± 3.97
ADC-ped


MPV MIP gated
mpv
Entries 15
Mean 25.98
RMS 4.509
Underflow 5
Overflow 0
Integral 10
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 10
Mean 0.203
RMS 0.1114
Underflow 0
Overflow 1
Integral 9
err(MPV)/MPV


relative width of L-peak, MIP gated
mpvS
Entries 10
Mean 0.4684
RMS 0.1306
Underflow 0
Overflow 1
Integral 9
sigma/MPV