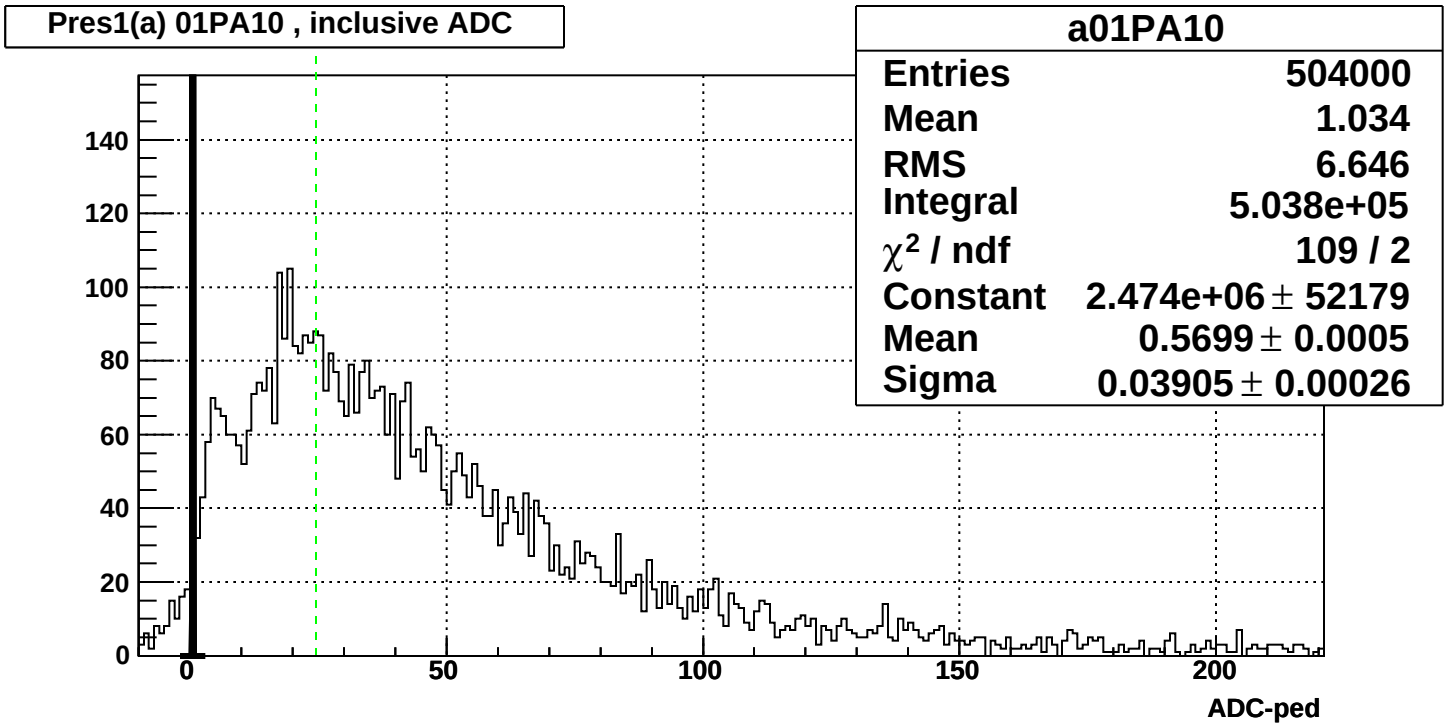
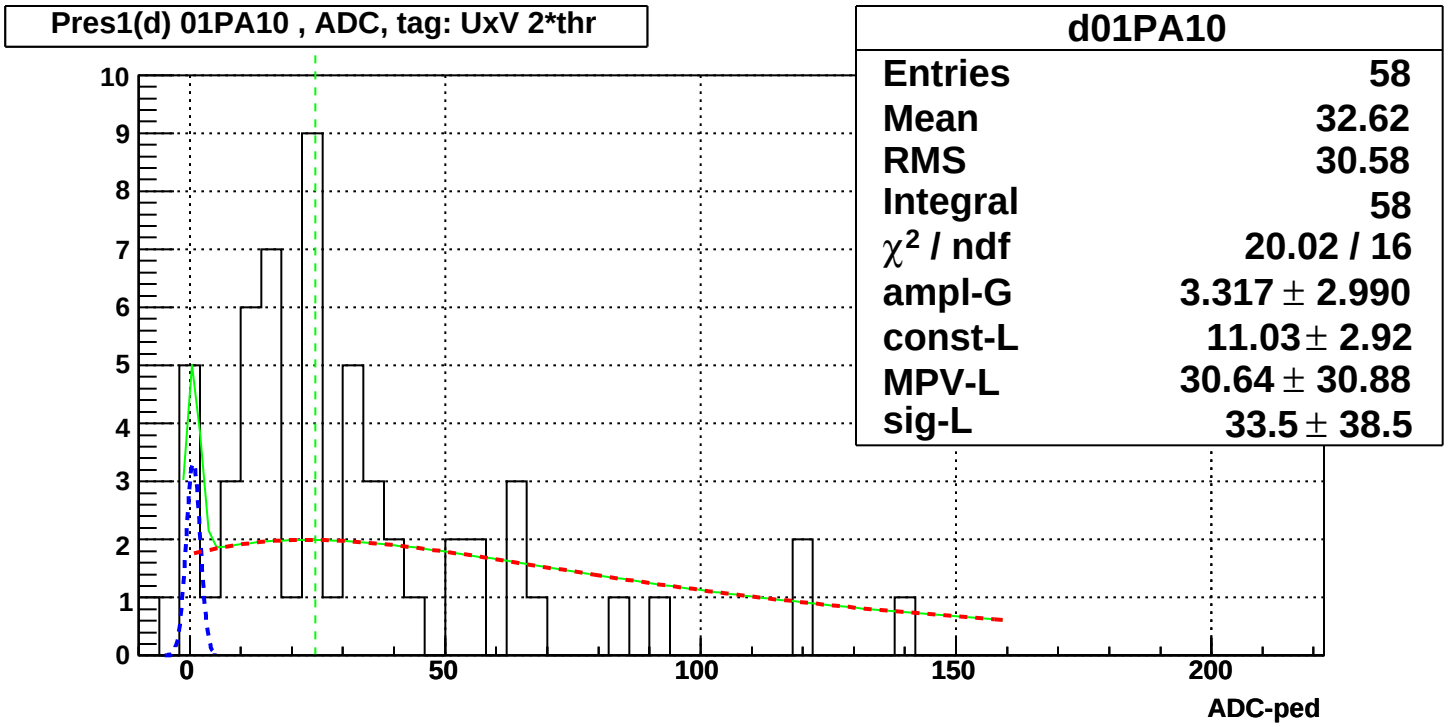
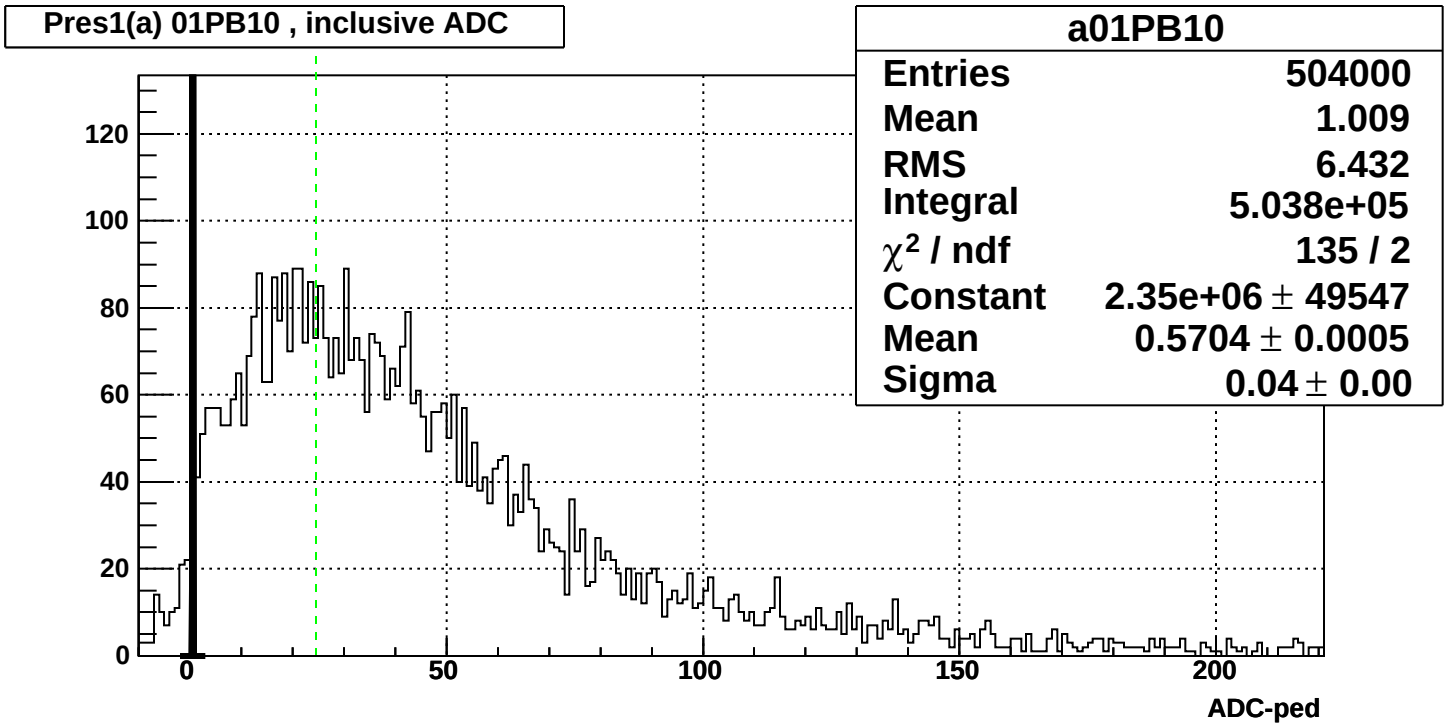
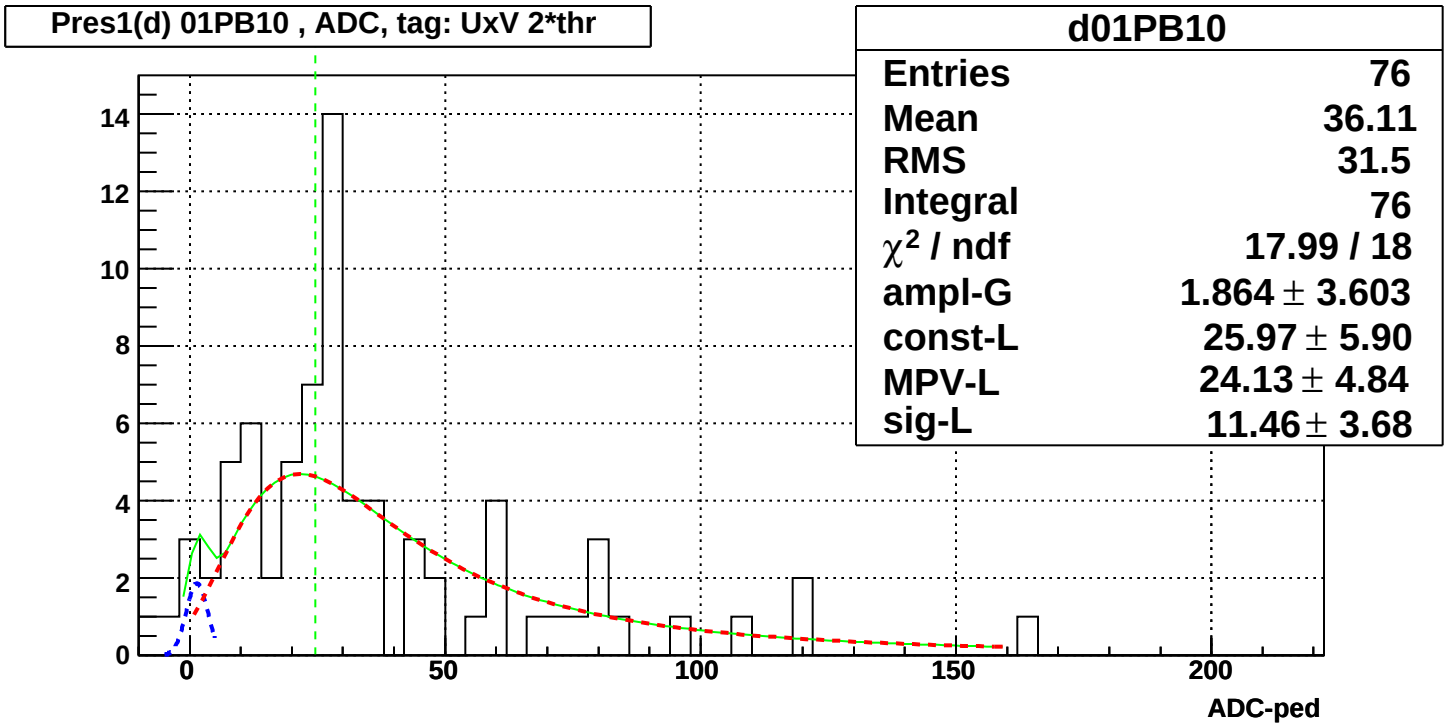
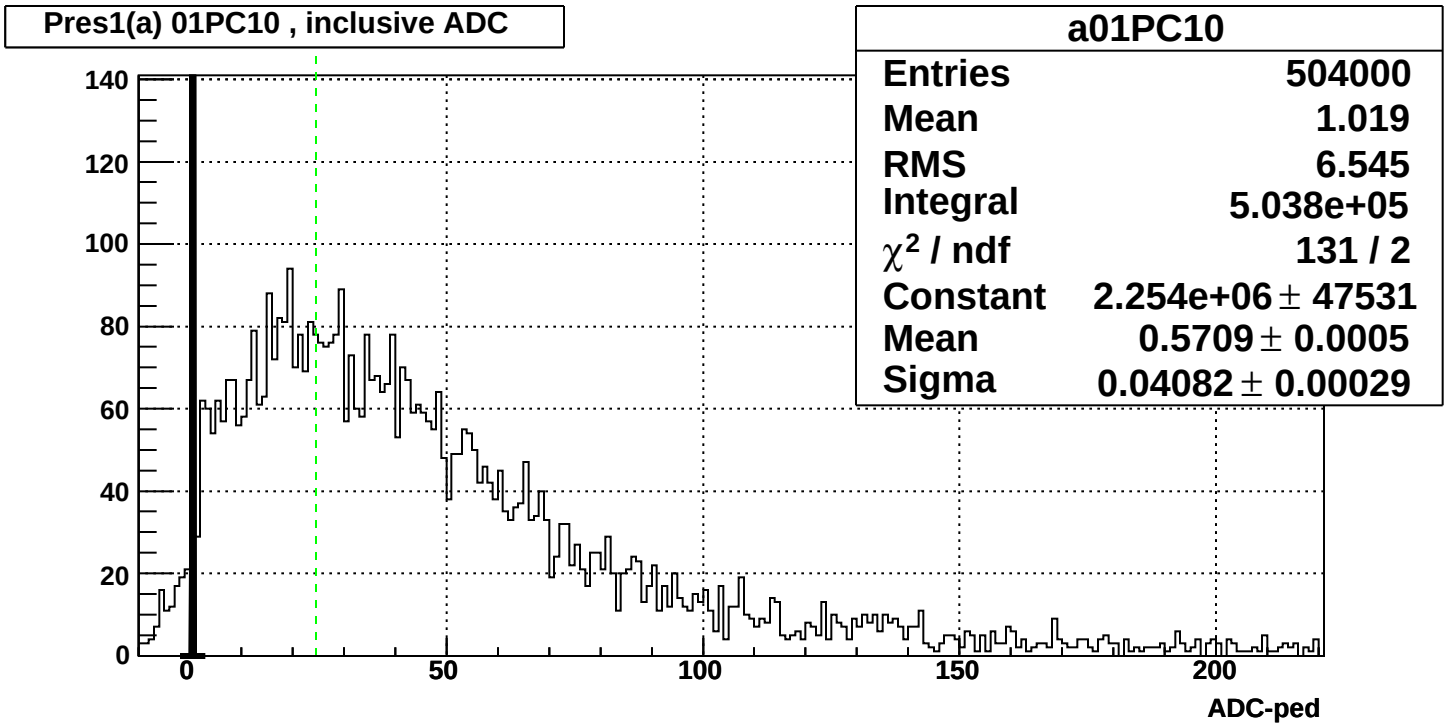
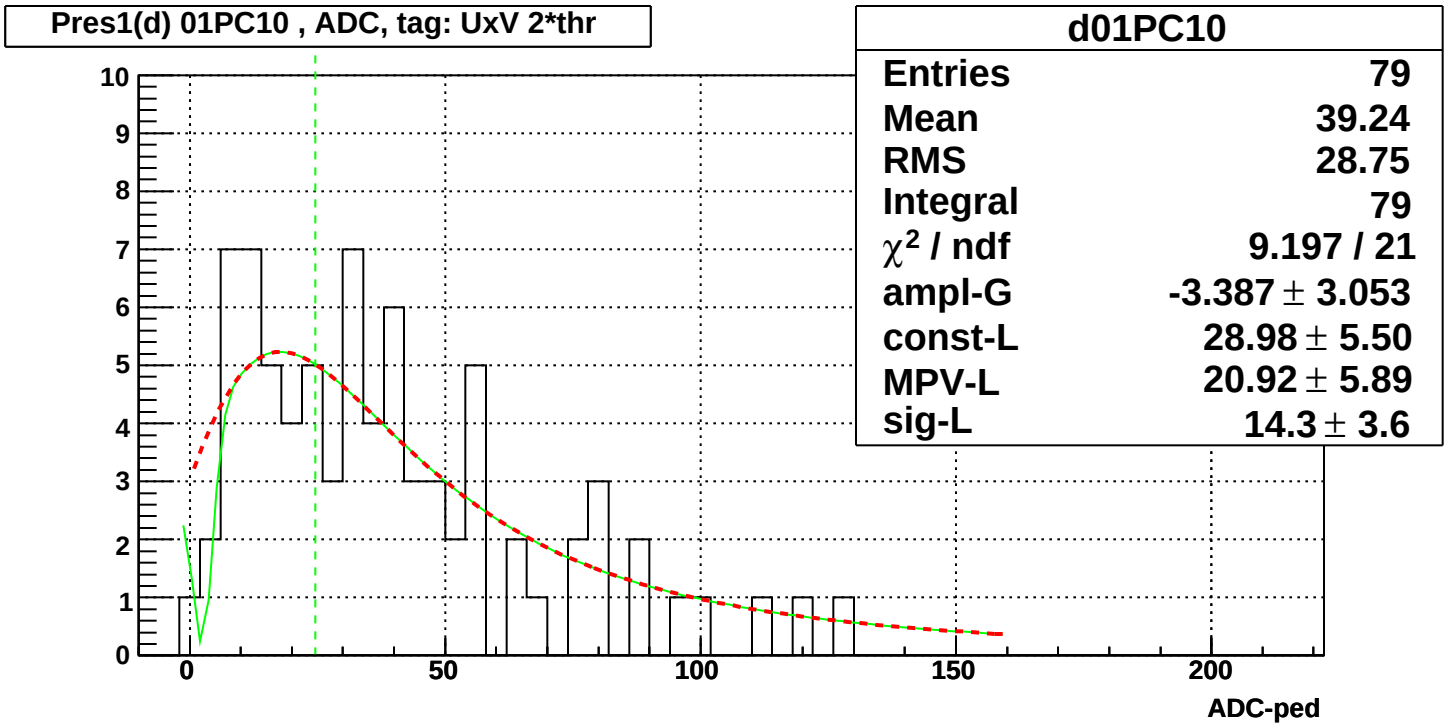

Pres1(a) 01PA10 , inclusive ADC
a01PA10
Entries 504000
Mean 1.034
RMS 6.646
Integral 5.038e+05
χ² / ndf 109 / 2
Constant 2.474e+06 ± 52179
Mean 0.5699 ± 0.0005
Sigma 0.03905 ± 0.00026
ADC-ped

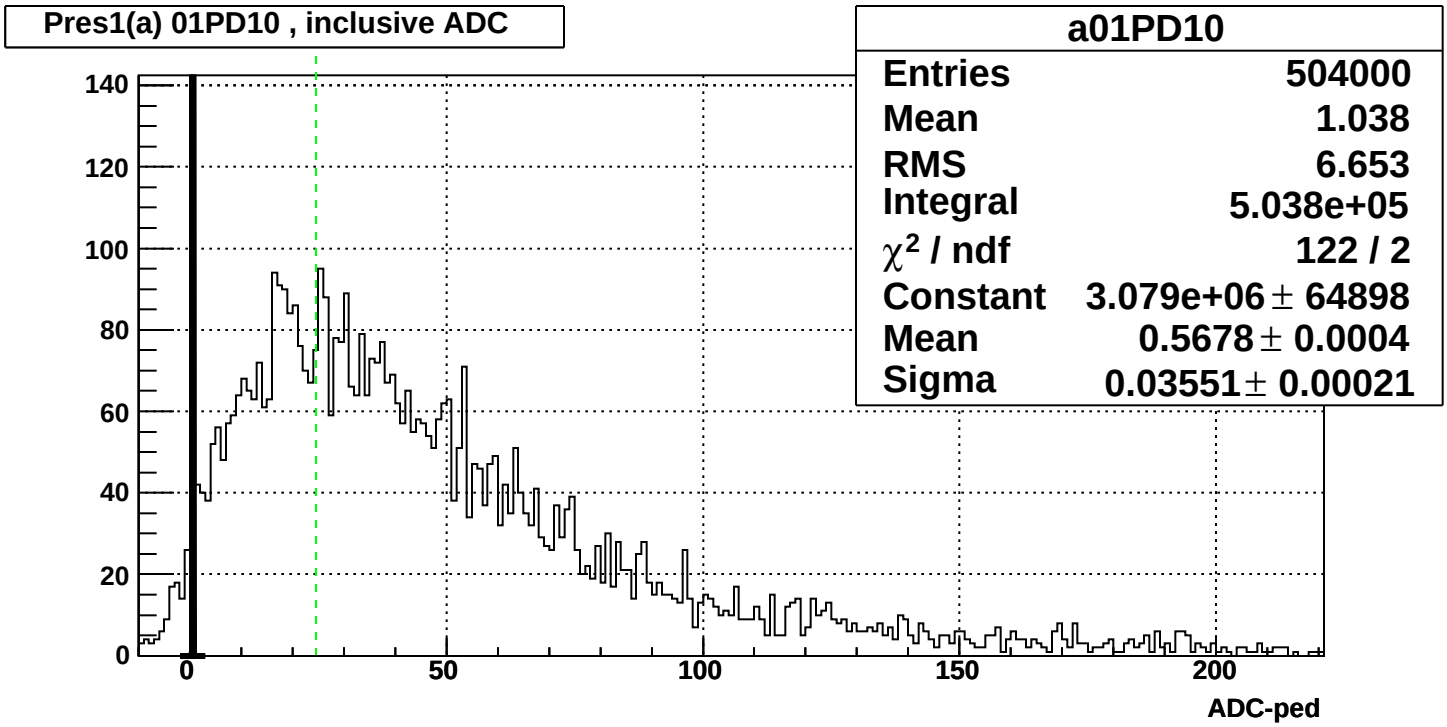

Pres1(d) 01PA10 , ADC, tag: UxV 2*thr
d01PA10
Entries 58
Mean 32.62
RMS 30.58
Integral 58
χ² / ndf 20.02 / 16
ampl-G 3.317 ± 2.990
const-L 11.03 ± 2.92
MPV-L 30.64 ± 30.88
sig-L 33.5 ± 38.5
ADC-ped

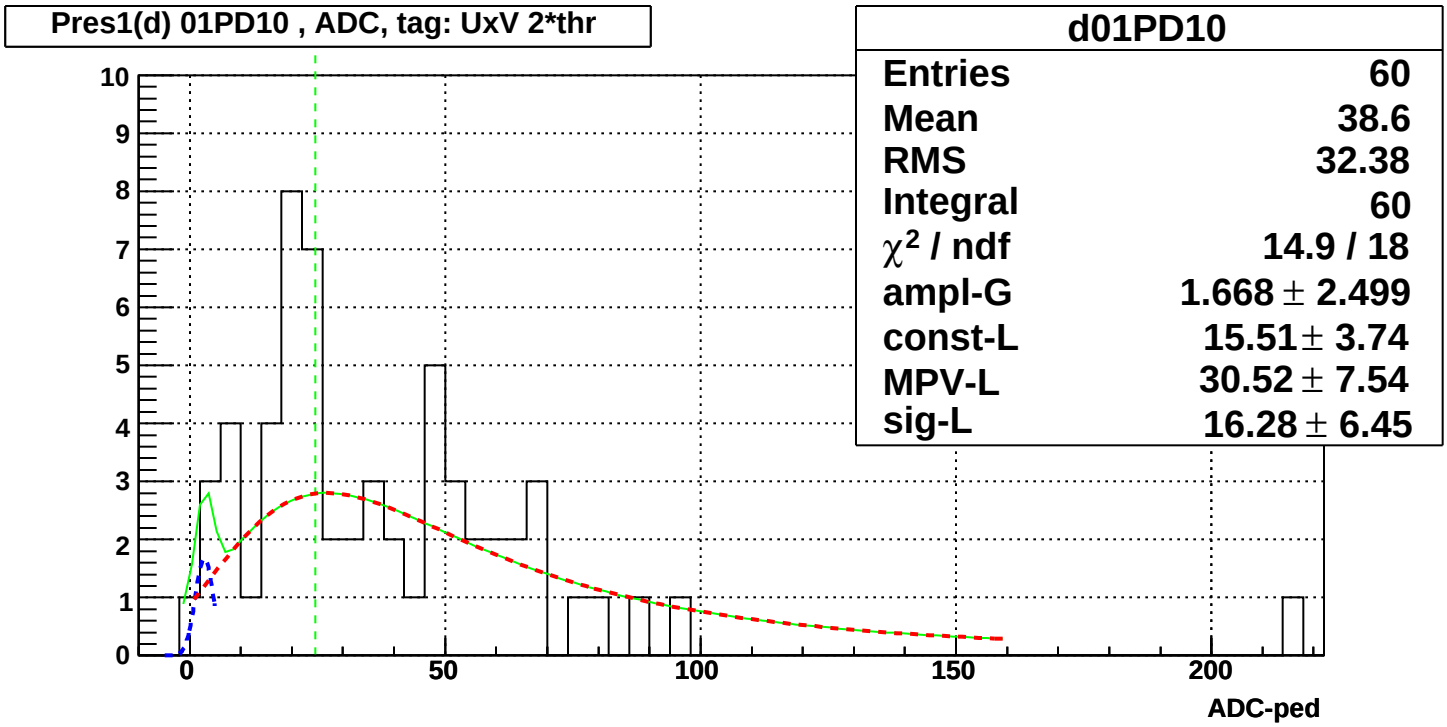

Pres1(a) 01PB10 , inclusive ADC
a01PB10
Entries 504000
Mean 1.009
RMS 6.432
Integral 5.038e+05
χ² / ndf 135 / 2
Constant 2.35e+06 ± 49547
Mean 0.5704 ± 0.0005
Sigma 0.04 ± 0.00
ADC-ped

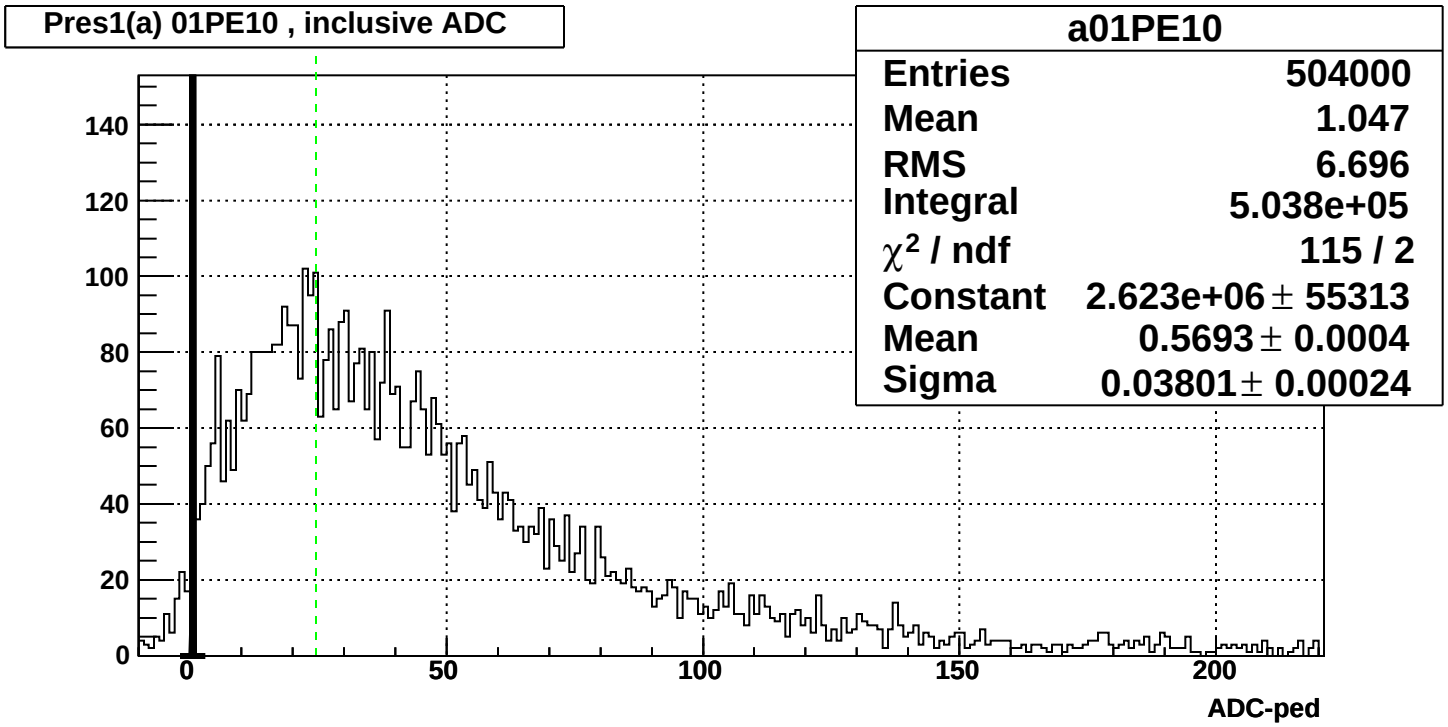

Pres1(d) 01PB10 , ADC, tag: UxV 2*thr
d01PB10
Entries 76
Mean 36.11
RMS 31.5
Integral 76
χ² / ndf 17.99 / 18
ampl-G 1.864 ± 3.603
const-L 25.97 ± 5.90
MPV-L 24.13 ± 4.84
sig-L 11.46 ± 3.68
ADC-ped

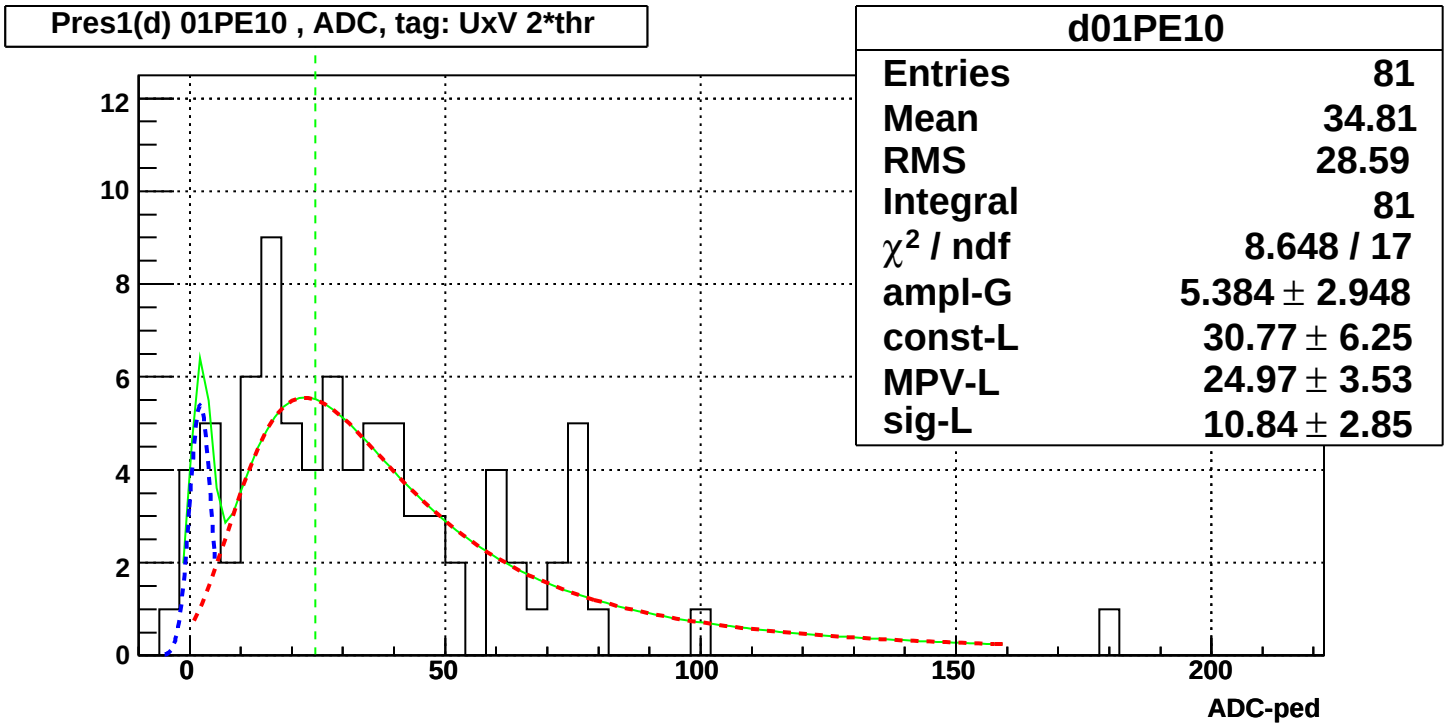

Pres1(a) 01PC10 , inclusive ADC
a01PC10
Entries 504000
Mean 1.019
RMS 6.545
Integral 5.038e+05
χ² / ndf 131 / 2
Constant 2.254e+06 ± 47531
Mean 0.5709 ± 0.0005
Sigma 0.04082 ± 0.00029
ADC-ped

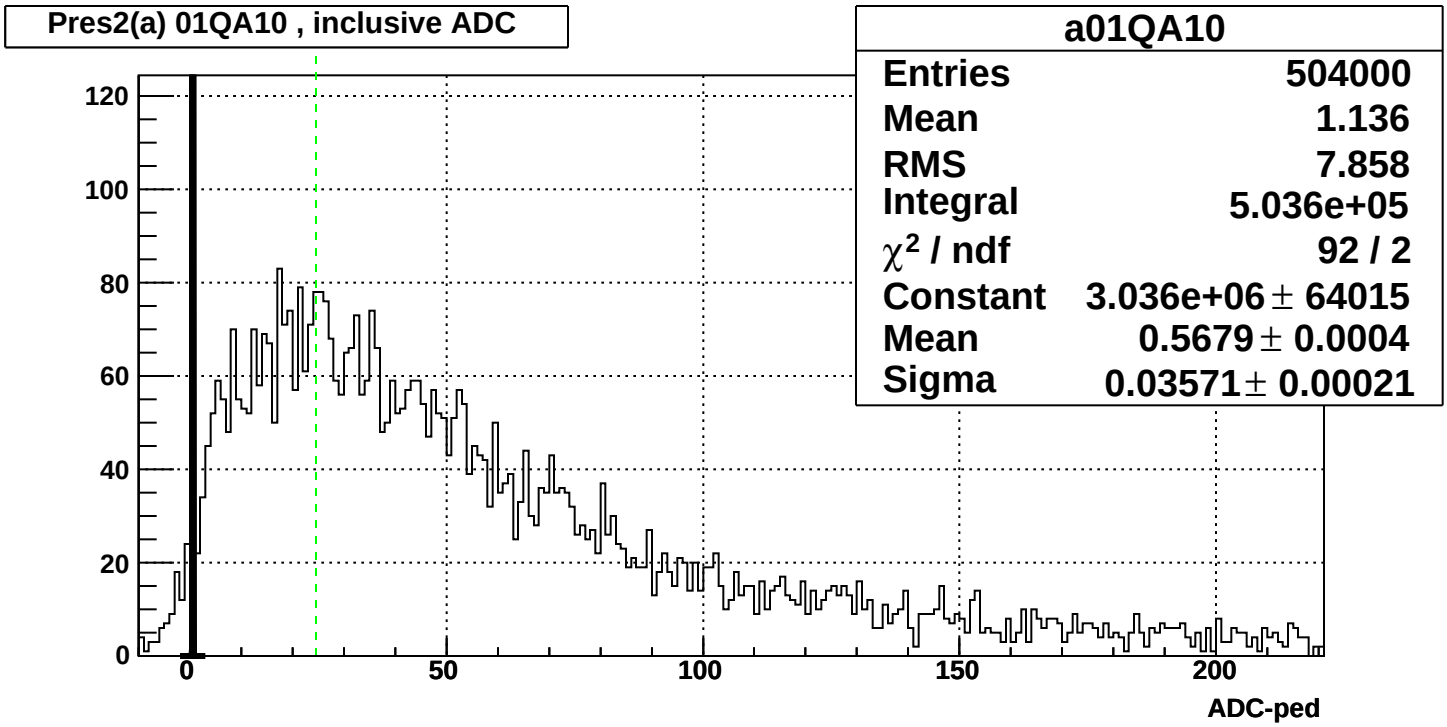

Pres1(d) 01PC10 , ADC, tag: UxV 2*thr
d01PC10
Entries 79
Mean 39.24
RMS 28.75
Integral 79
χ² / ndf 9.197 / 21
ampl-G -3.387 ± 3.053
const-L 28.98 ± 5.50
MPV-L 20.92 ± 5.89
sig-L 14.3 ± 3.6
ADC-ped

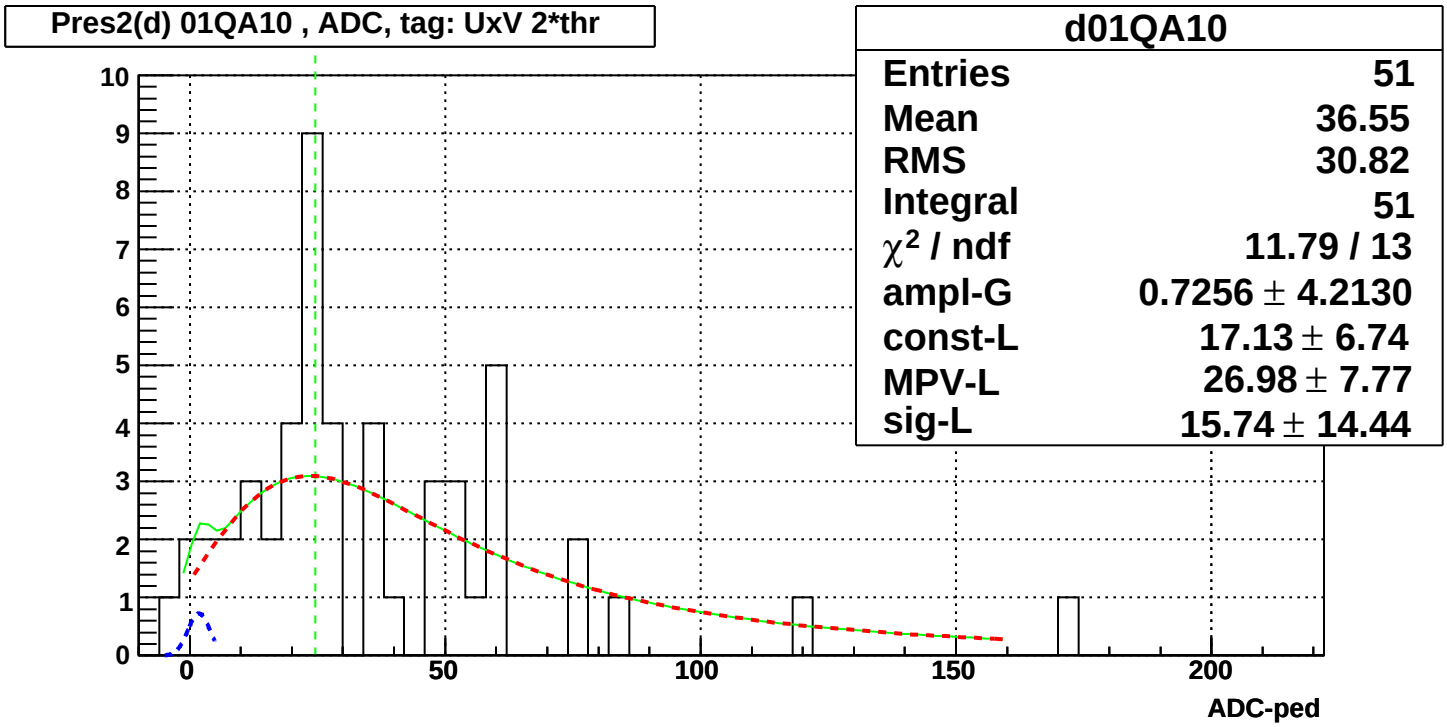

Pres1(a) 01PD10 , inclusive ADC
a01PD10
Entries 504000
Mean 1.038
RMS 6.653
Integral 5.038e+05
χ² / ndf 122 / 2
Constant 3.079e+06 ± 64898
Mean 0.5678 ± 0.0004
Sigma 0.03551 ± 0.00021
ADC-ped

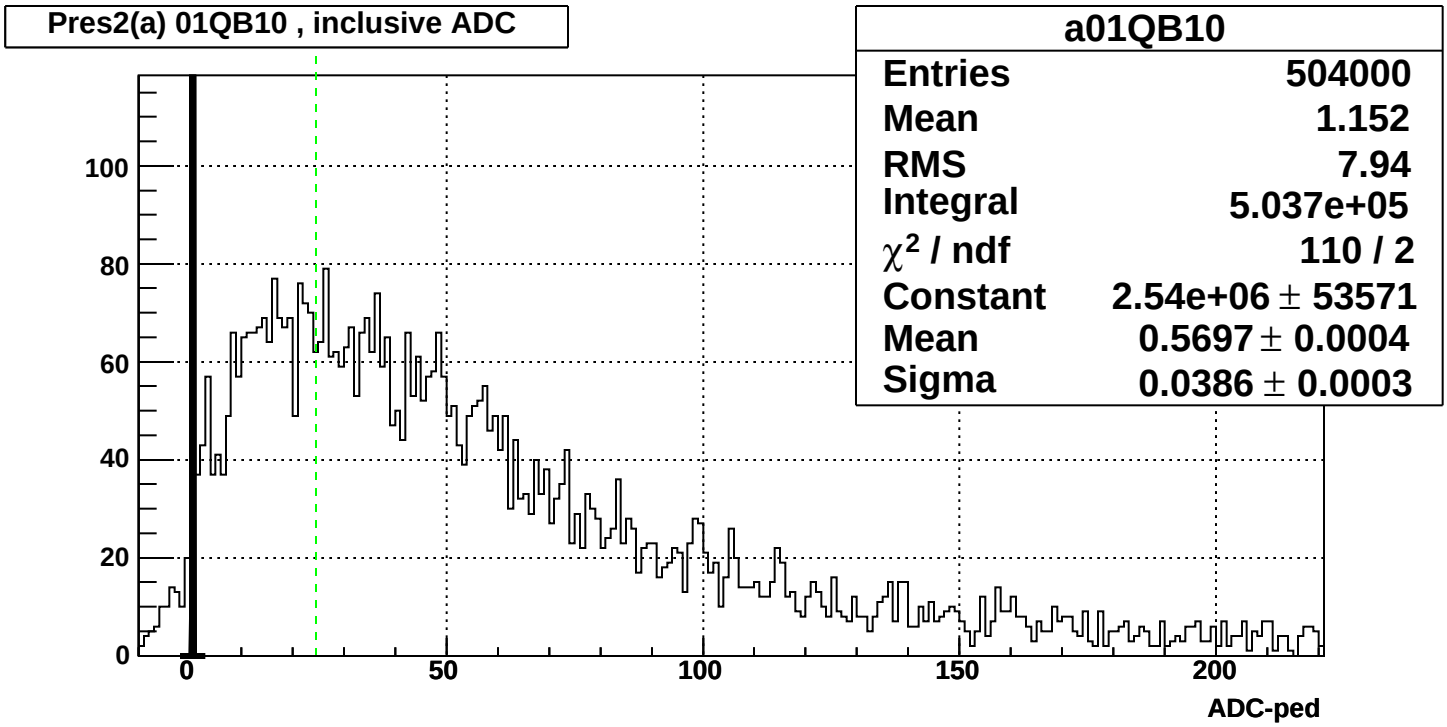

Pres1(d) 01PD10 , ADC, tag: UxV 2*thr
d01PD10
Entries 60
Mean 38.6
RMS 32.38
Integral 60
χ² / ndf 14.9 / 18
ampl-G 1.668 ± 2.499
const-L 15.51 ± 3.74
MPV-L 30.52 ± 7.54
sig-L 16.28 ± 6.45
ADC-ped

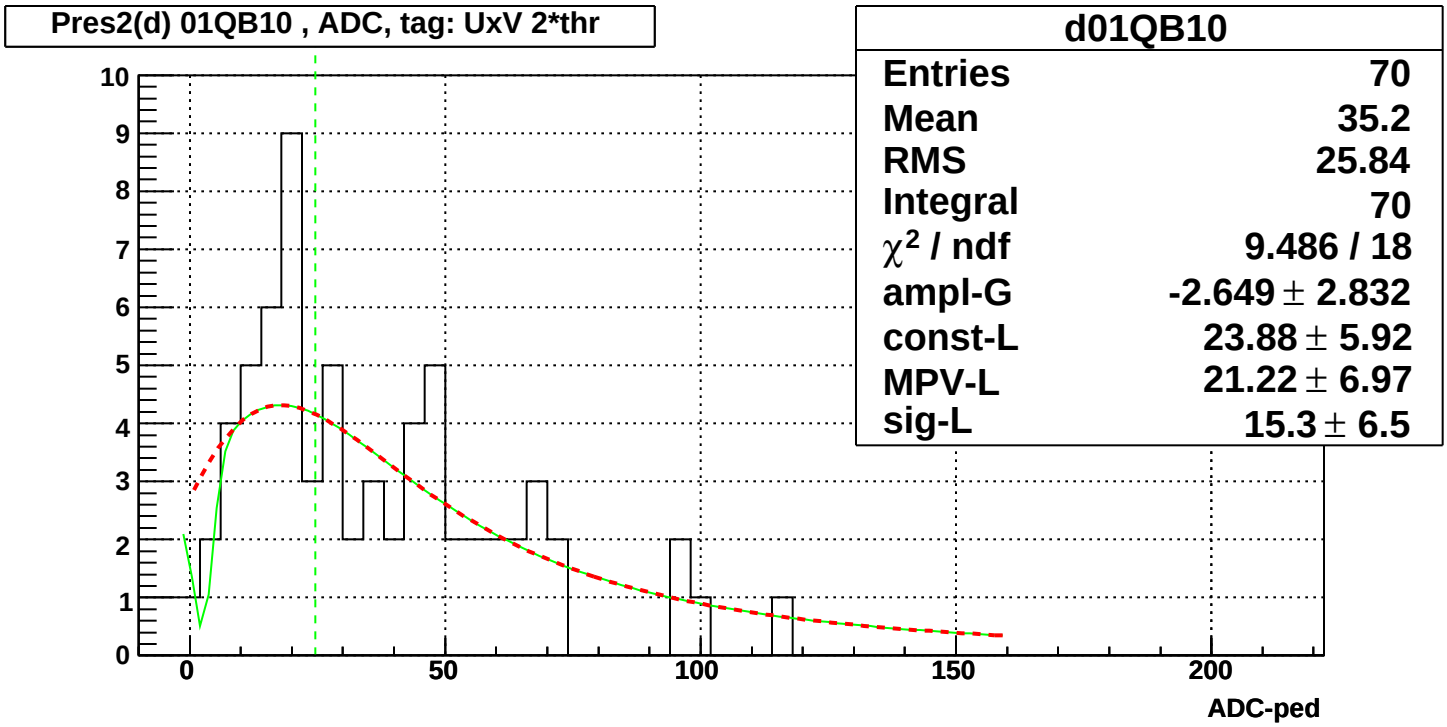

Pres1(a) 01PE10 , inclusive ADC
a01PE10
Entries 504000
Mean 1.047
RMS 6.696
Integral 5.038e+05
χ² / ndf 115 / 2
Constant 2.623e+06 ± 55313
Mean 0.5693 ± 0.0004
Sigma 0.03801 ± 0.00024
0
20
40
60
80
100
120
140
0
50
100
150
200
ADC-ped

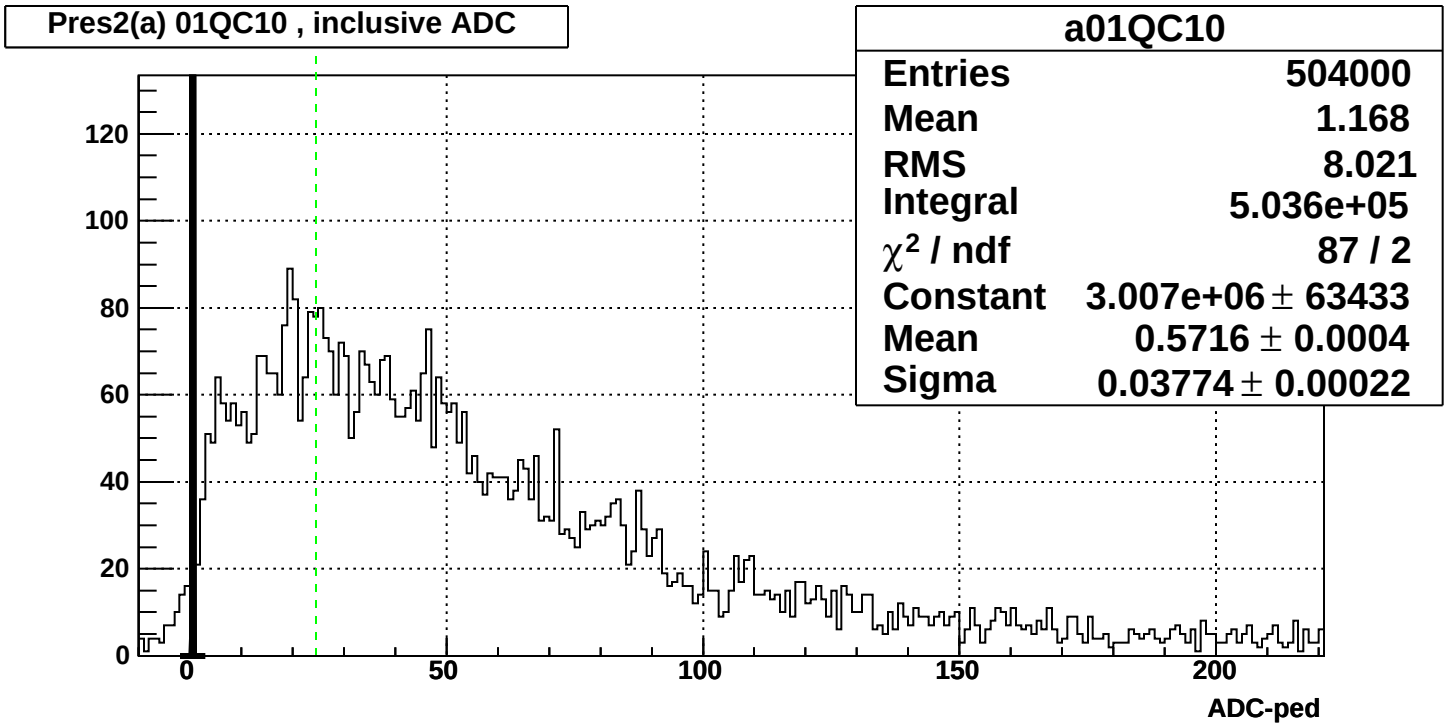

Pres1(d) 01PE10 , ADC, tag: UxV 2*thr
d01PE10
Entries 81
Mean 34.81
RMS 28.59
Integral 81
χ² / ndf 8.648 / 17
ampl-G 5.384 ± 2.948
const-L 30.77 ± 6.25
MPV-L 24.97 ± 3.53
sig-L 10.84 ± 2.85
0
2
4
6
8
10
12
0
50
100
150
200
ADC-ped

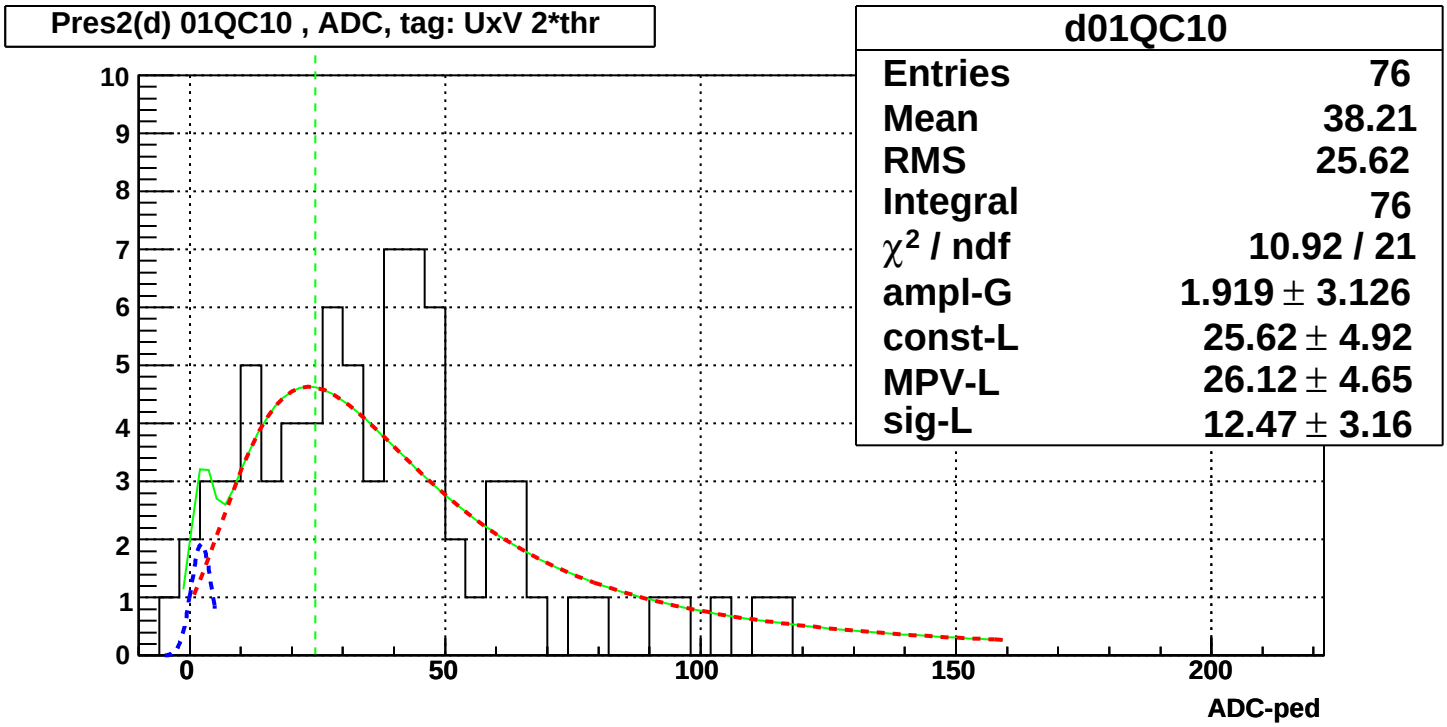

Pres2(a) 01QA10 , inclusive ADC
a01QA10
Entries 504000
Mean 1.136
RMS 7.858
Integral 5.036e+05
χ² / ndf 92 / 2
Constant 3.036e+06 ± 64015
Mean 0.5679 ± 0.0004
Sigma 0.03571 ± 0.00021
ADC-ped

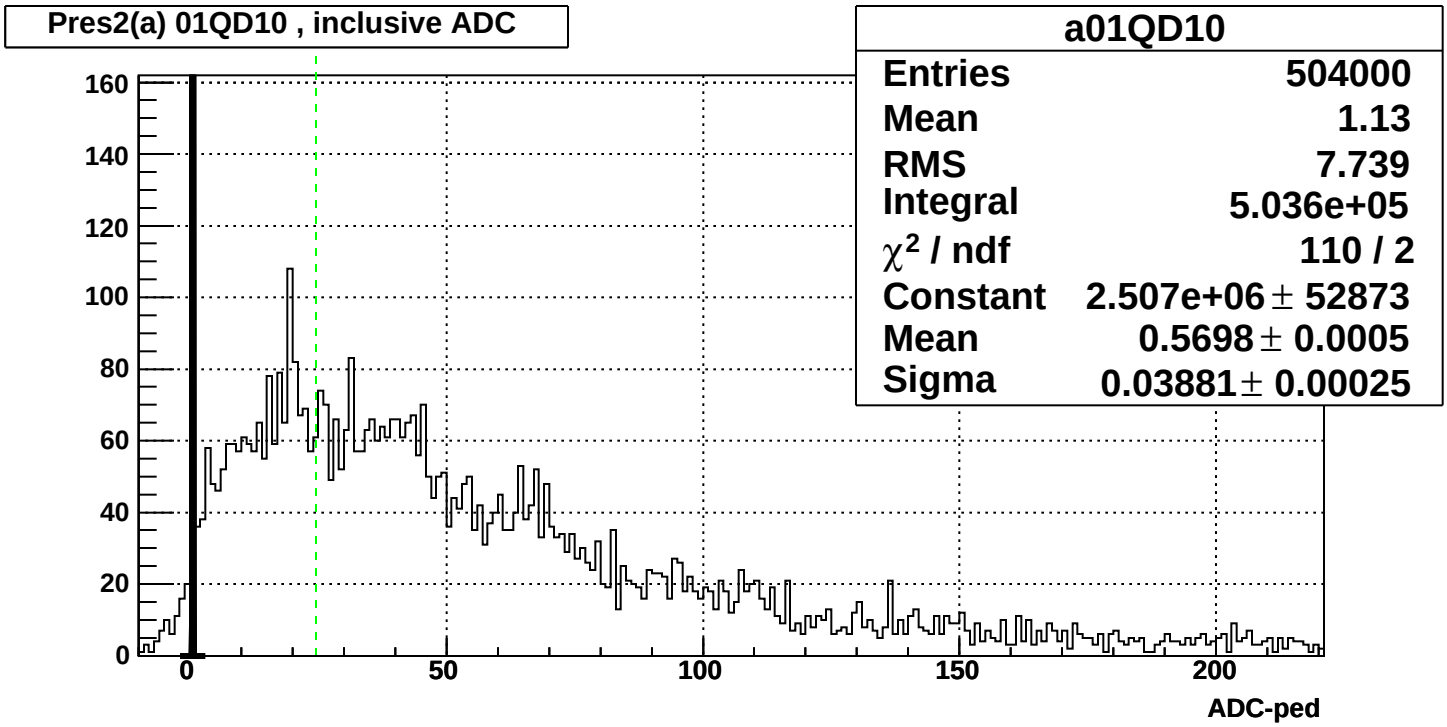

Pres2(d) 01QA10 , ADC, tag: UxV 2*thr
d01QA10
Entries 51
Mean 36.55
RMS 30.82
Integral 51
χ² / ndf 11.79 / 13
ampl-G 0.7256 ± 4.2130
const-L 17.13 ± 6.74
MPV-L 26.98 ± 7.77
sig-L 15.74 ± 14.44
ADC-ped

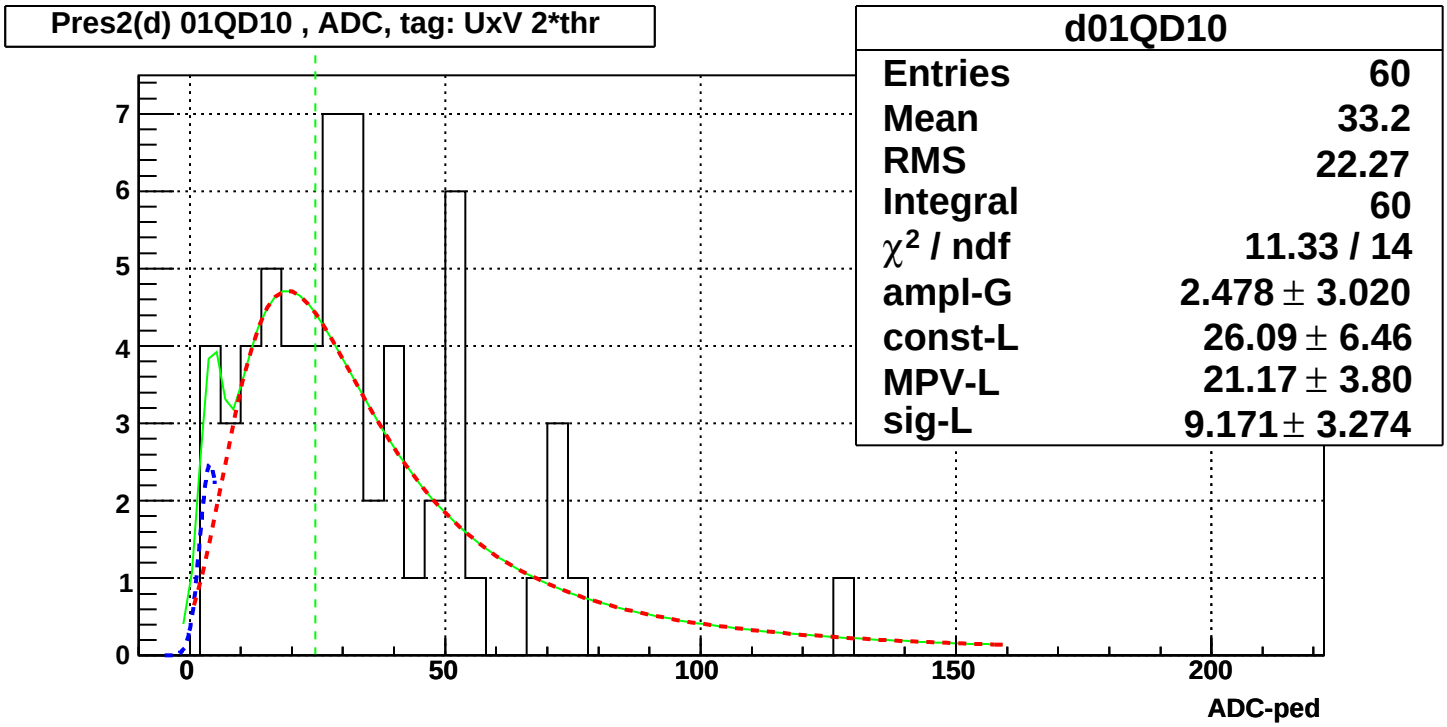

Pres2(a) 01QB10 , inclusive ADC
a01QB10
Entries 504000
Mean 1.152
RMS 7.94
Integral 5.037e+05
χ² / ndf 110 / 2
Constant 2.54e+06 ± 53571
Mean 0.5697 ± 0.0004
Sigma 0.0386 ± 0.0003
ADC-ped

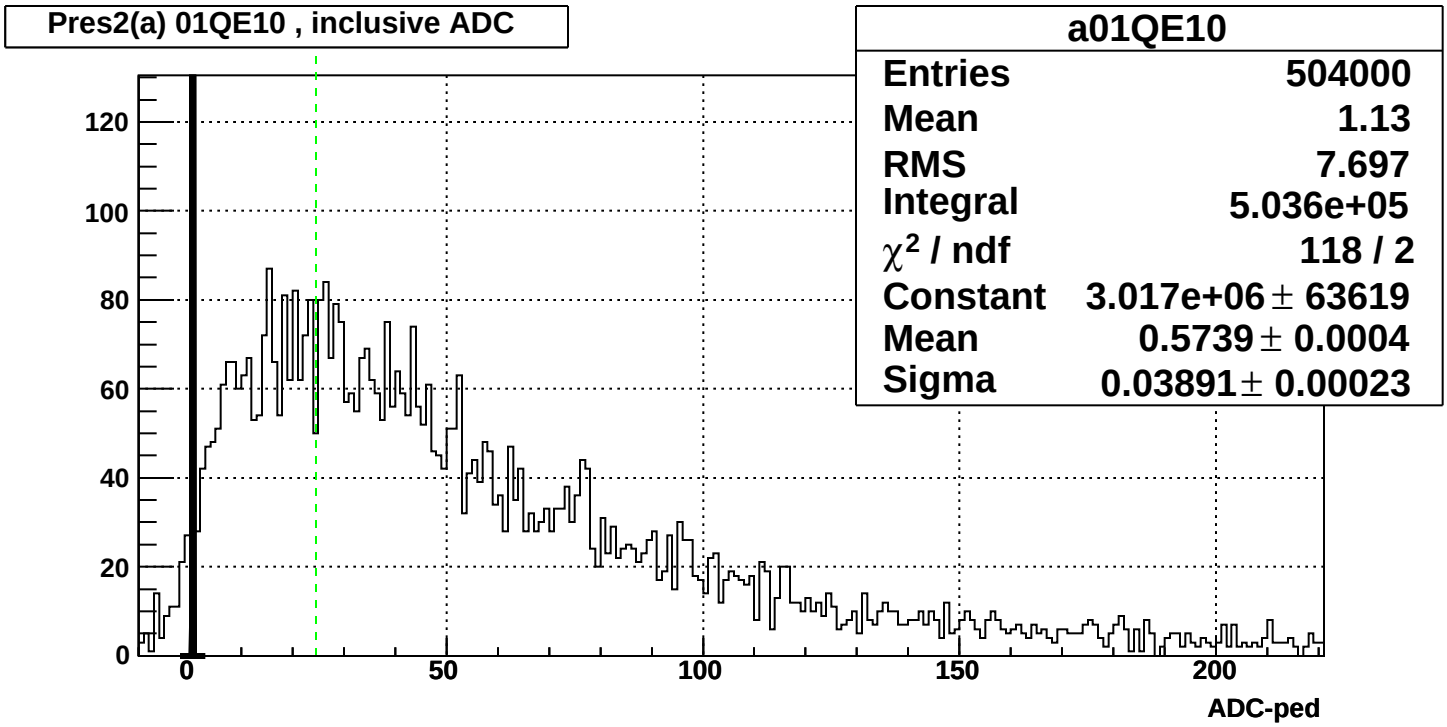

Pres2(d) 01QB10 , ADC, tag: UxV 2*thr
d01QB10
Entries 70
Mean 35.2
RMS 25.84
Integral 70
χ² / ndf 9.486 / 18
ampl-G -2.649 ± 2.832
const-L 23.88 ± 5.92
MPV-L 21.22 ± 6.97
sig-L 15.3 ± 6.5
ADC-ped

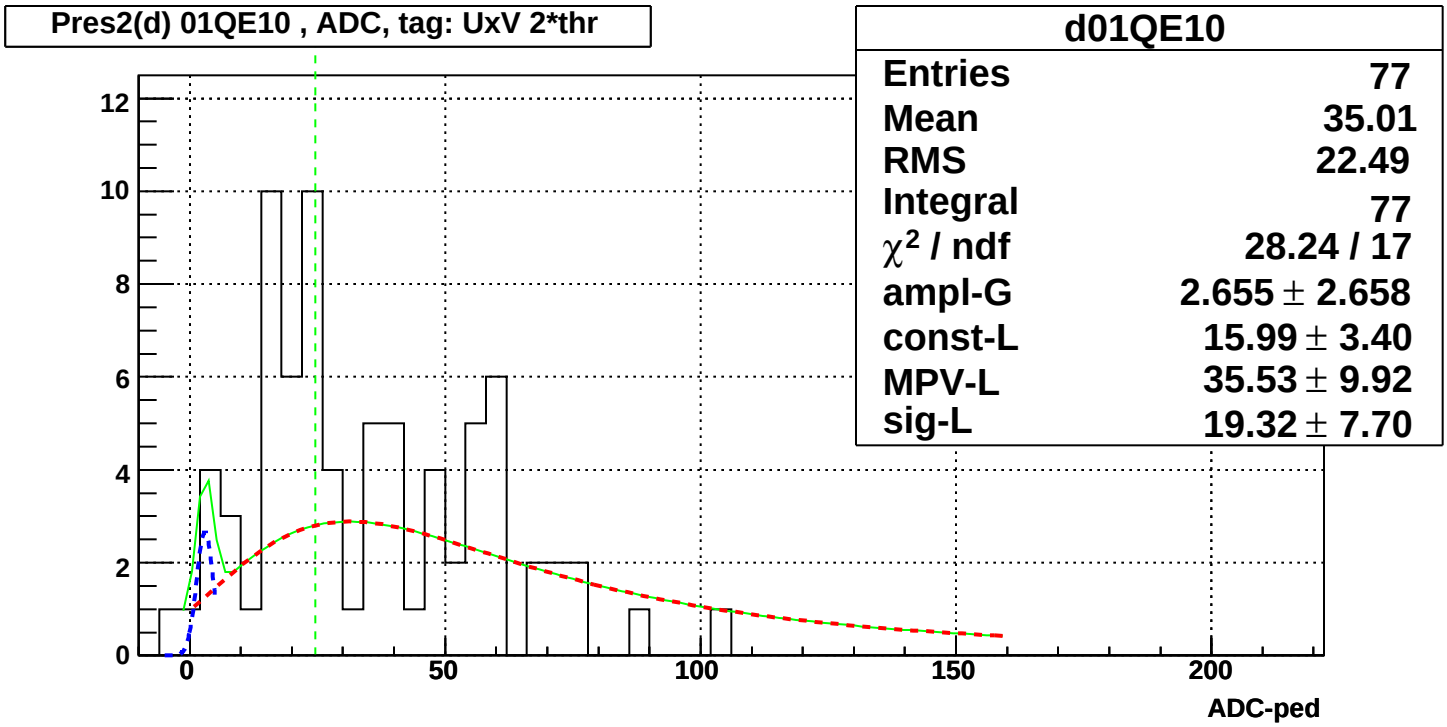

Pres2(a) 01QC10 , inclusive ADC
a01QC10
Entries 504000
Mean 1.168
RMS 8.021
Integral 5.036e+05
χ² / ndf 87 / 2
Constant 3.007e+06 ± 63433
Mean 0.5716 ± 0.0004
Sigma 0.03774 ± 0.00022
0
20
40
60
80
100
120
0
50
100
150
200
ADC-ped

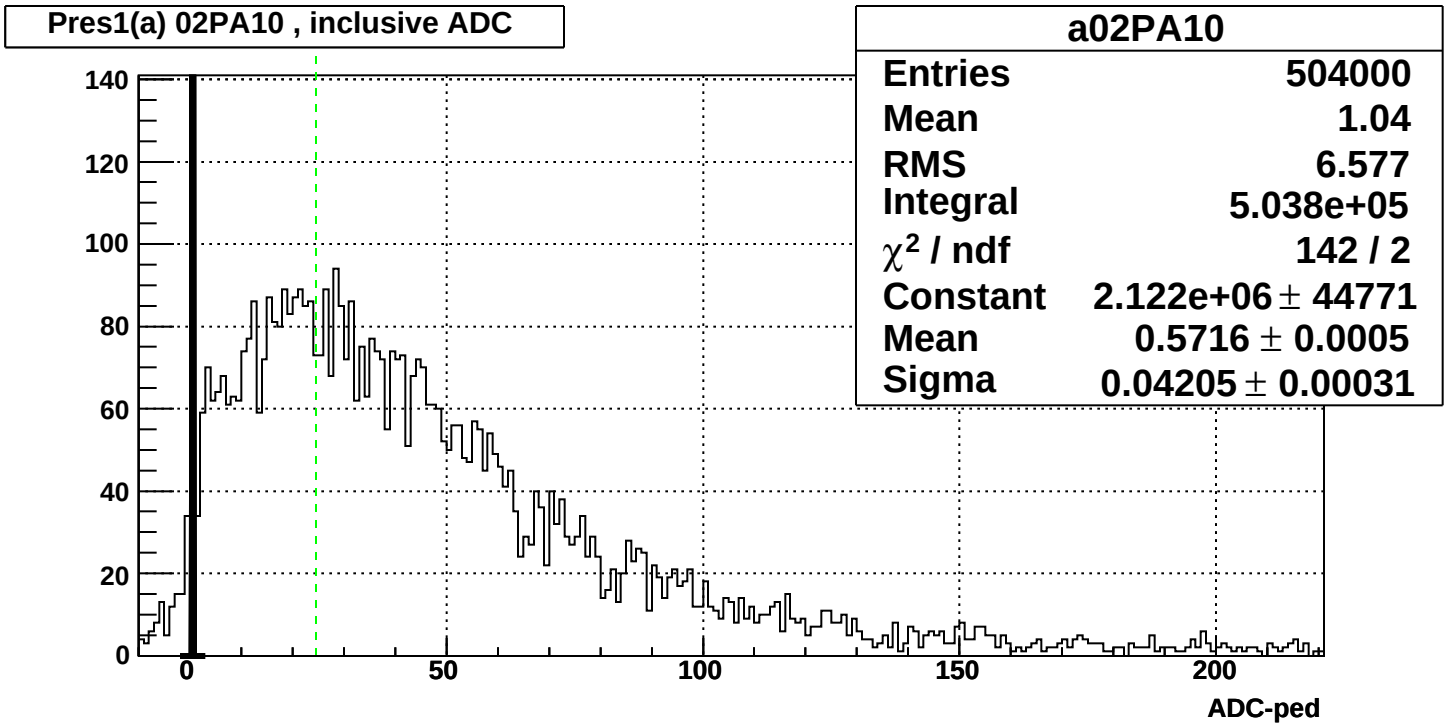

Pres2(d) 01QC10 , ADC, tag: UxV 2*thr
d01QC10
Entries 76
Mean 38.21
RMS 25.62
Integral 76
χ² / ndf 10.92 / 21
ampl-G 1.919 ± 3.126
const-L 25.62 ± 4.92
MPV-L 26.12 ± 4.65
sig-L 12.47 ± 3.16
0
1
2
3
4
5
6
7
8
9
10
0
50
100
150
200
ADC-ped

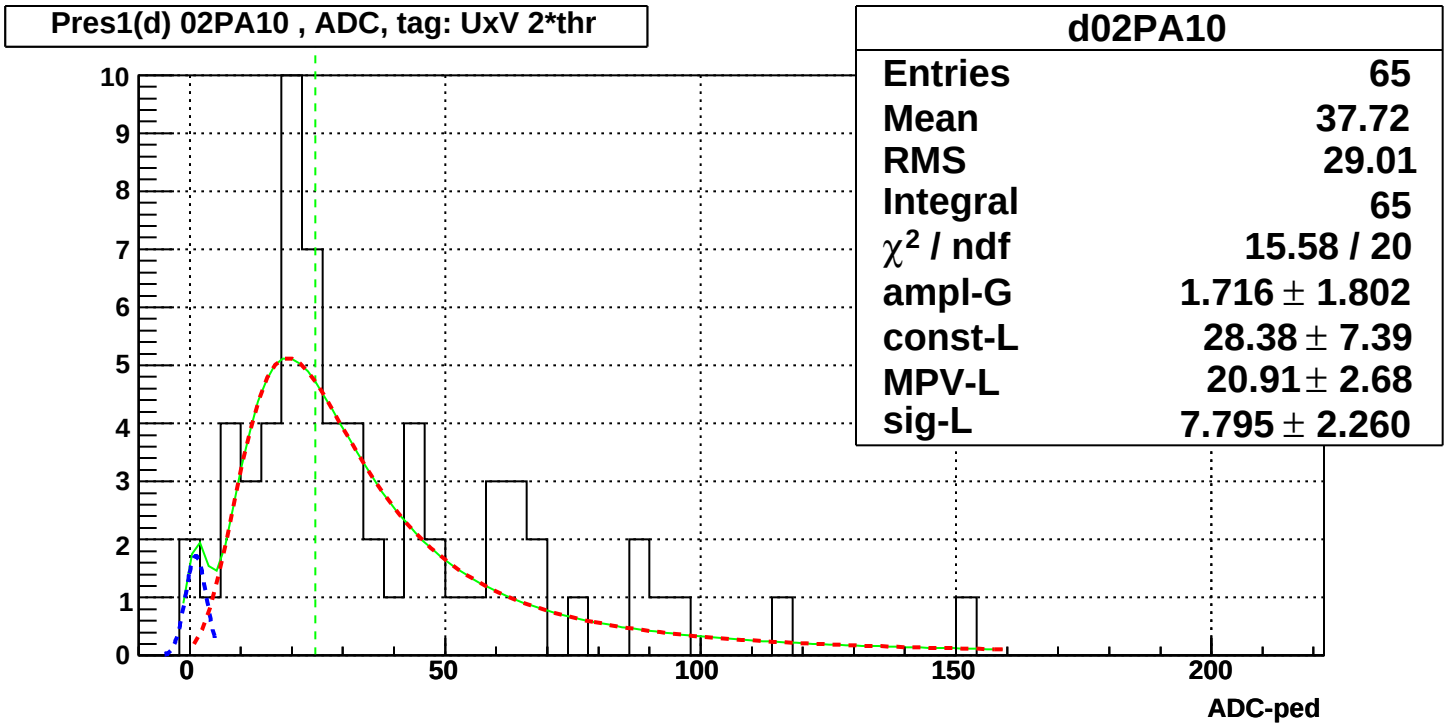

Pres2(a) 01QD10 , inclusive ADC
a01QD10
Entries 504000
Mean 1.13
RMS 7.739
Integral 5.036e+05
χ² / ndf 110 / 2
Constant 2.507e+06 ± 52873
Mean 0.5698 ± 0.0005
Sigma 0.03881 ± 0.00025
ADC-ped

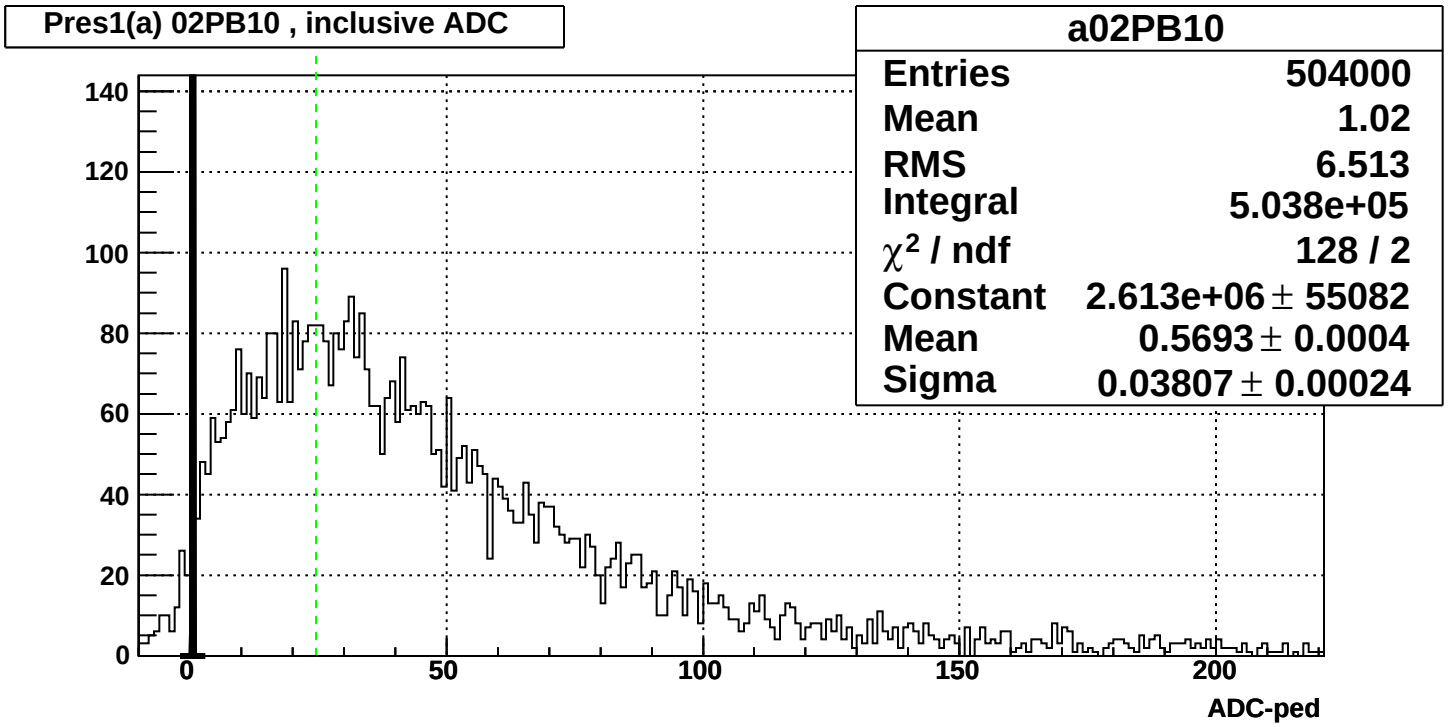

Pres2(d) 01QD10 , ADC, tag: UxV 2*thr
d01QD10
Entries 60
Mean 33.2
RMS 22.27
Integral 60
χ² / ndf 11.33 / 14
ampl-G 2.478 ± 3.020
const-L 26.09 ± 6.46
MPV-L 21.17 ± 3.80
sig-L 9.171 ± 3.274
ADC-ped

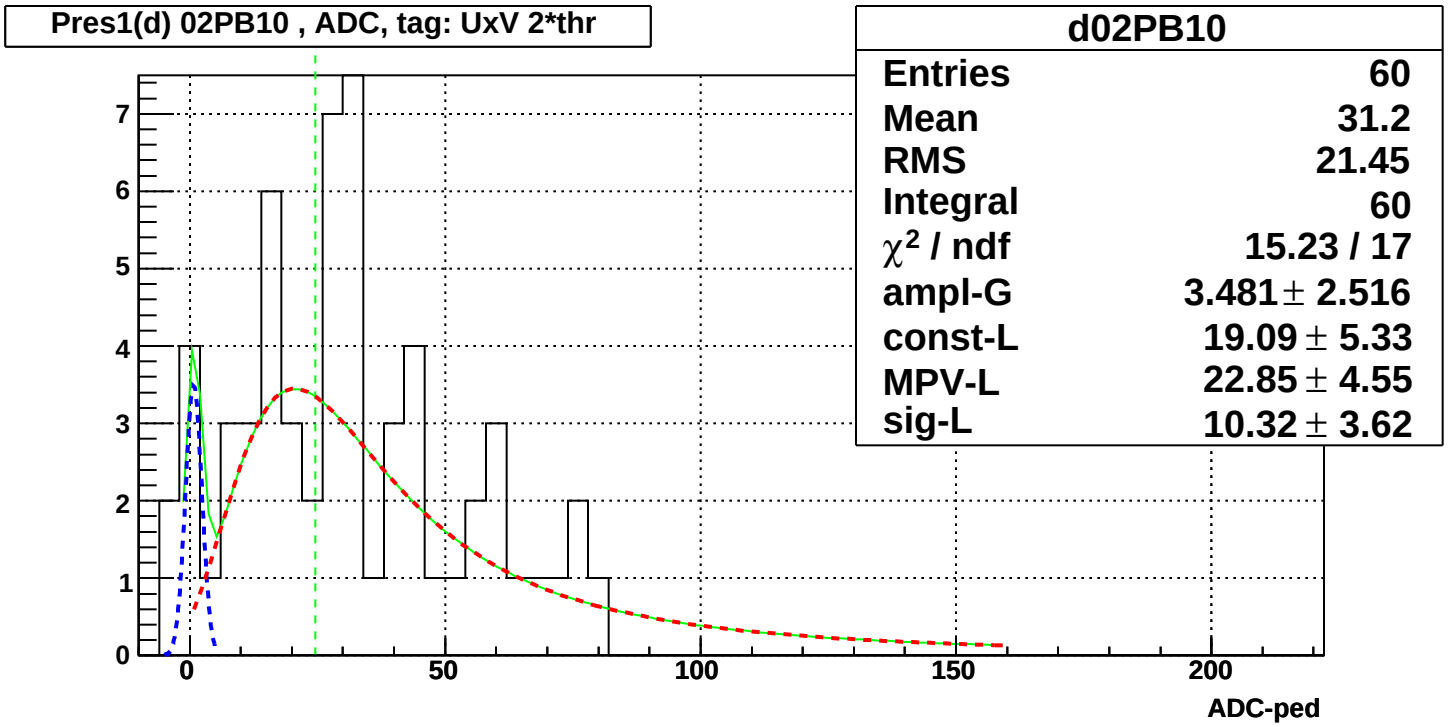

Pres2(a) 01QE10 , inclusive ADC
a01QE10
Entries 504000
Mean 1.13
RMS 7.697
Integral 5.036e+05
χ² / ndf 118 / 2
Constant 3.017e+06 ± 63619
Mean 0.5739 ± 0.0004
Sigma 0.03891 ± 0.00023
0
20
40
60
80
100
120
0
50
100
150
200
ADC-ped

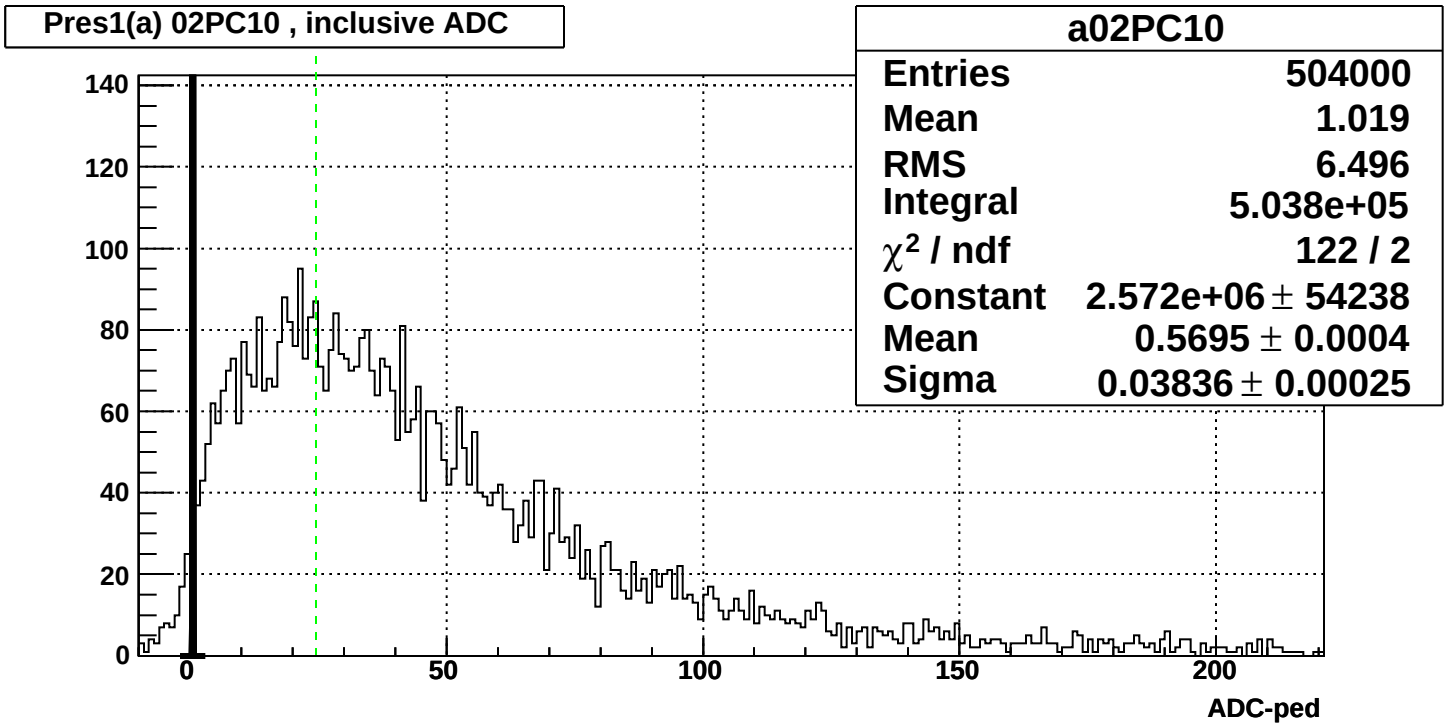

Pres2(d) 01QE10 , ADC, tag: UxV 2*thr
d01QE10
Entries 77
Mean 35.01
RMS 22.49
Integral 77
χ² / ndf 28.24 / 17
ampl-G 2.655 ± 2.658
const-L 15.99 ± 3.40
MPV-L 35.53 ± 9.92
sig-L 19.32 ± 7.70
0
2
4
6
8
10
12
0
50
100
150
200
ADC-ped

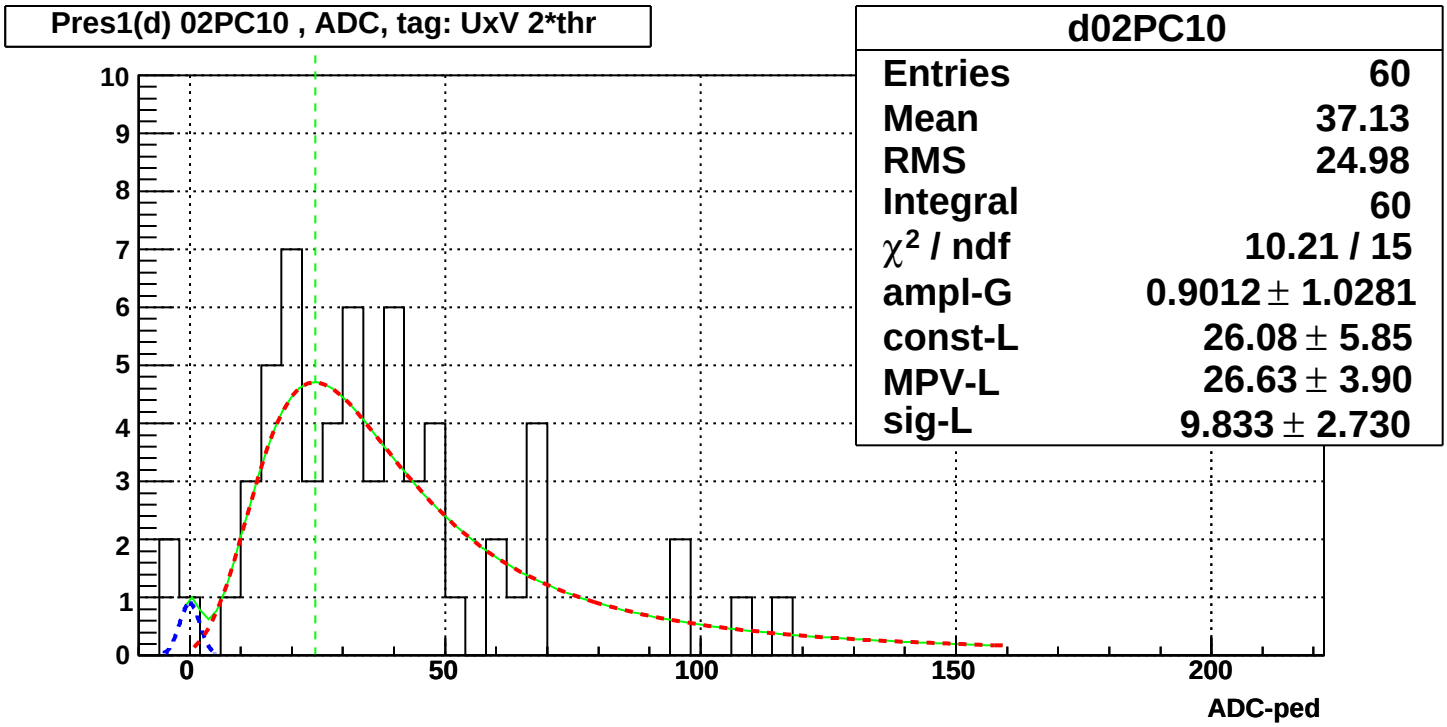

Pres1(a) 02PA10 , inclusive ADC
a02PA10
Entries 504000
Mean 1.04
RMS 6.577
Integral 5.038e+05
χ² / ndf 142 / 2
Constant 2.122e+06 ± 44771
Mean 0.5716 ± 0.0005
Sigma 0.04205 ± 0.00031
ADC-ped

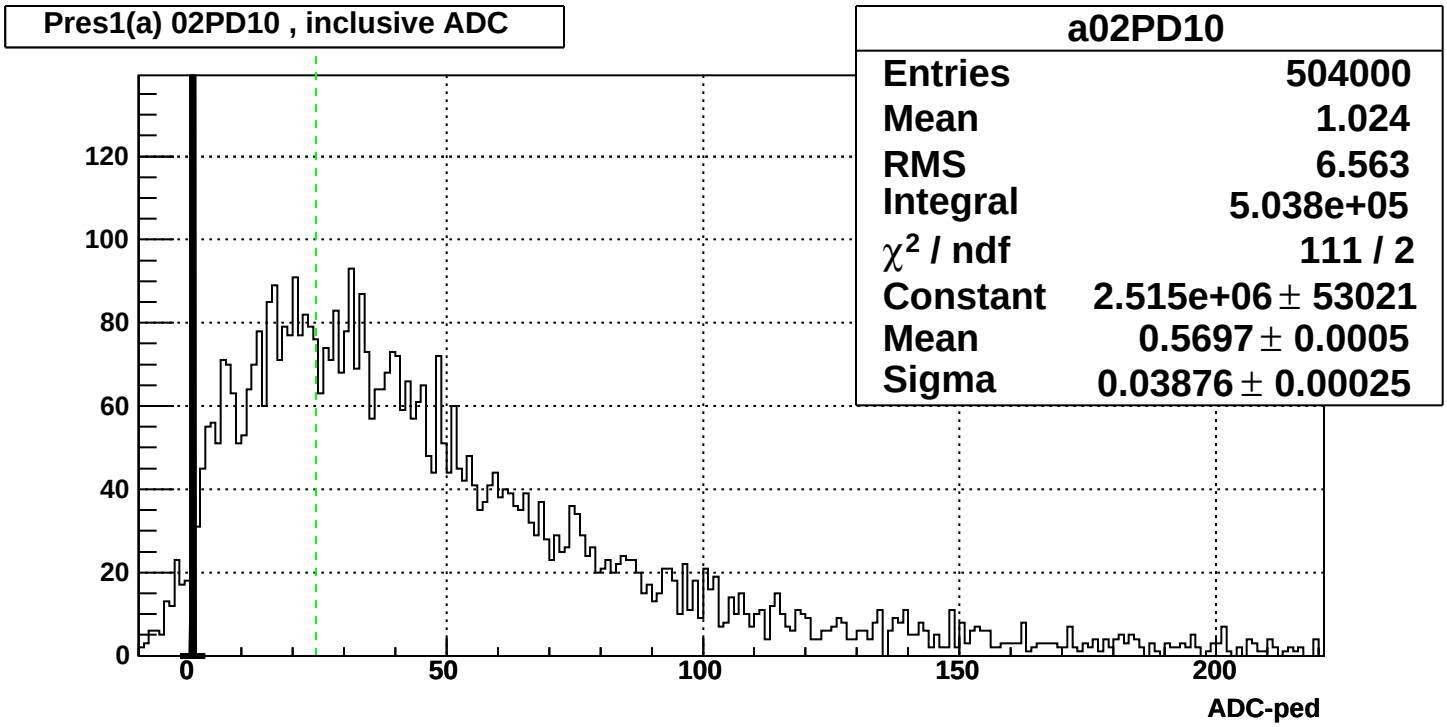

Pres1(d) 02PA10 , ADC, tag: UxV 2*thr
d02PA10
Entries 65
Mean 37.72
RMS 29.01
Integral 65
χ² / ndf 15.58 / 20
ampl-G 1.716 ± 1.802
const-L 28.38 ± 7.39
MPV-L 20.91 ± 2.68
sig-L 7.795 ± 2.260
ADC-ped

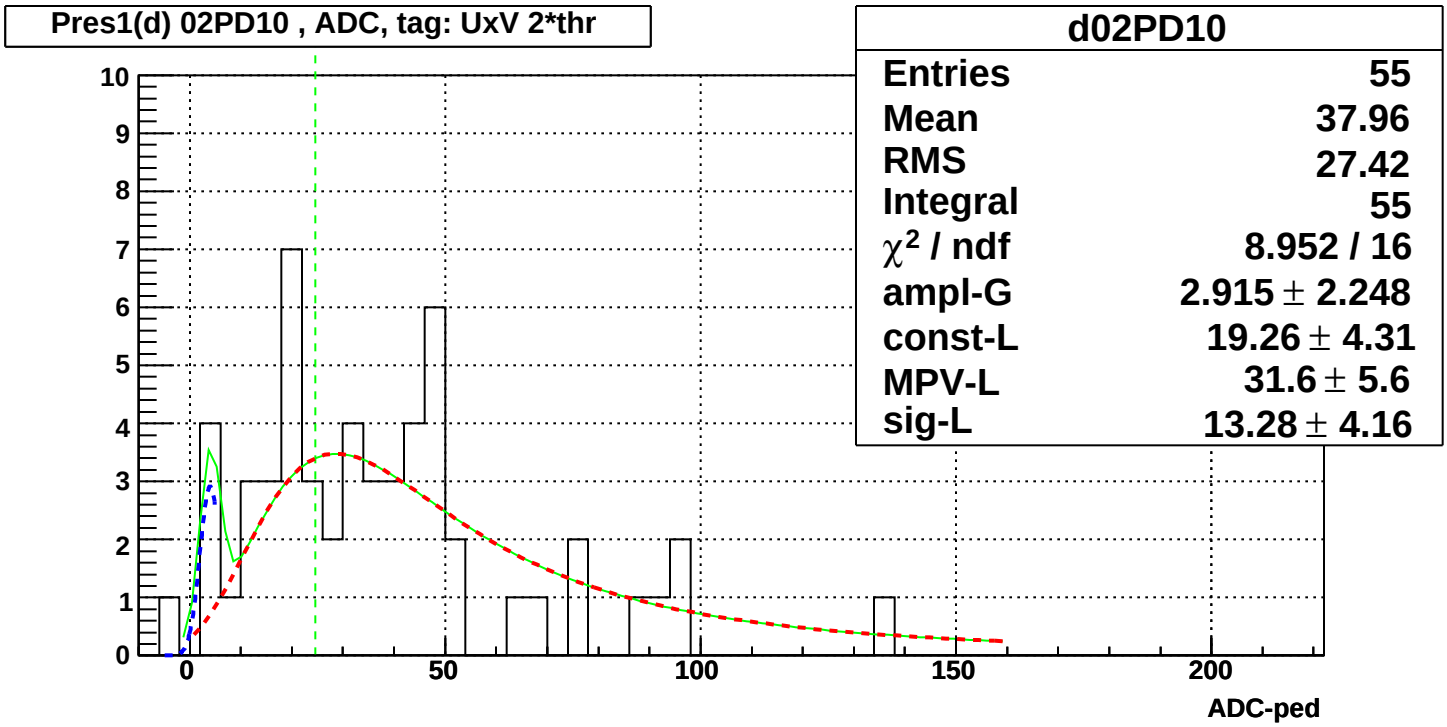

Pres1(a) 02PB10 , inclusive ADC
a02PB10
Entries 504000
Mean 1.02
RMS 6.513
Integral 5.038e+05
χ² / ndf 128 / 2
Constant 2.613e+06 ± 55082
Mean 0.5693 ± 0.0004
Sigma 0.03807 ± 0.00024
ADC-ped

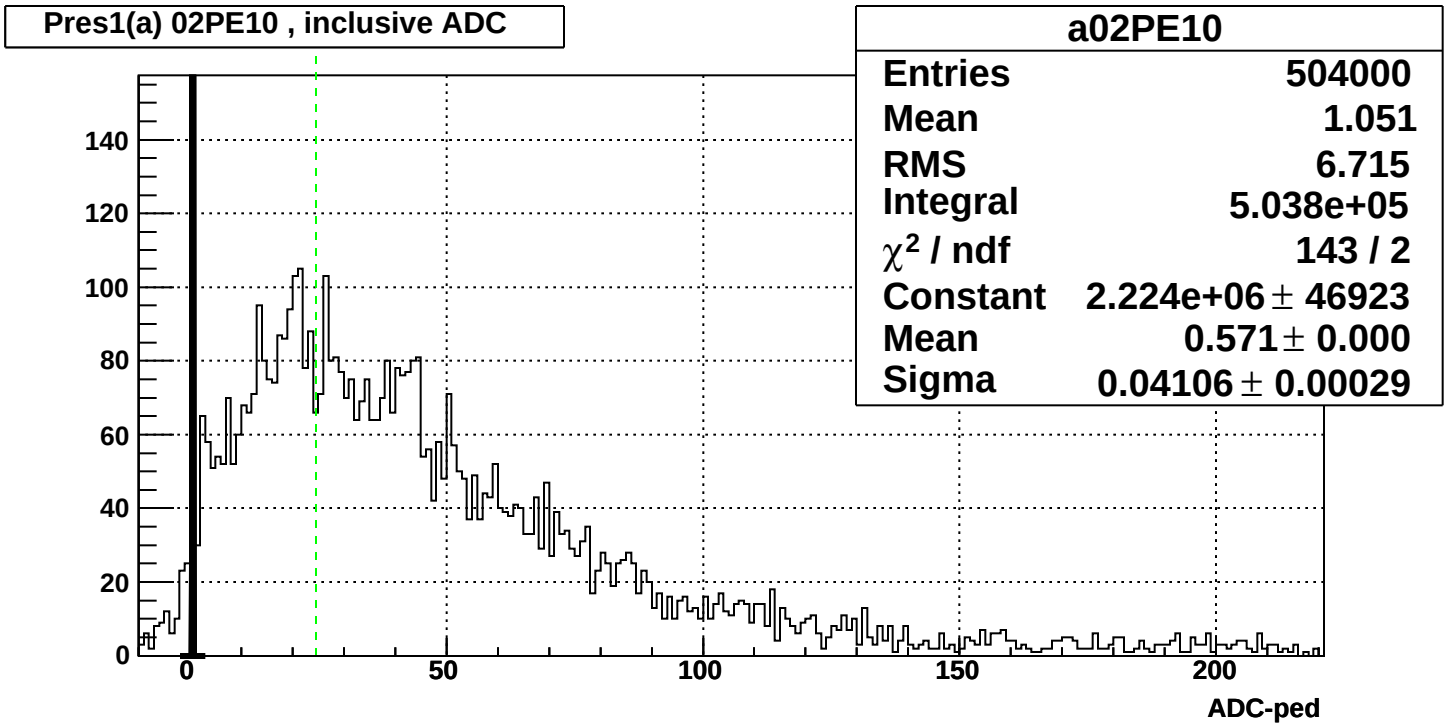

Pres1(d) 02PB10 , ADC, tag: UxV 2*thr
d02PB10
Entries 60
Mean 31.2
RMS 21.45
Integral 60
χ² / ndf 15.23 / 17
ampl-G 3.481 ± 2.516
const-L 19.09 ± 5.33
MPV-L 22.85 ± 4.55
sig-L 10.32 ± 3.62
ADC-ped

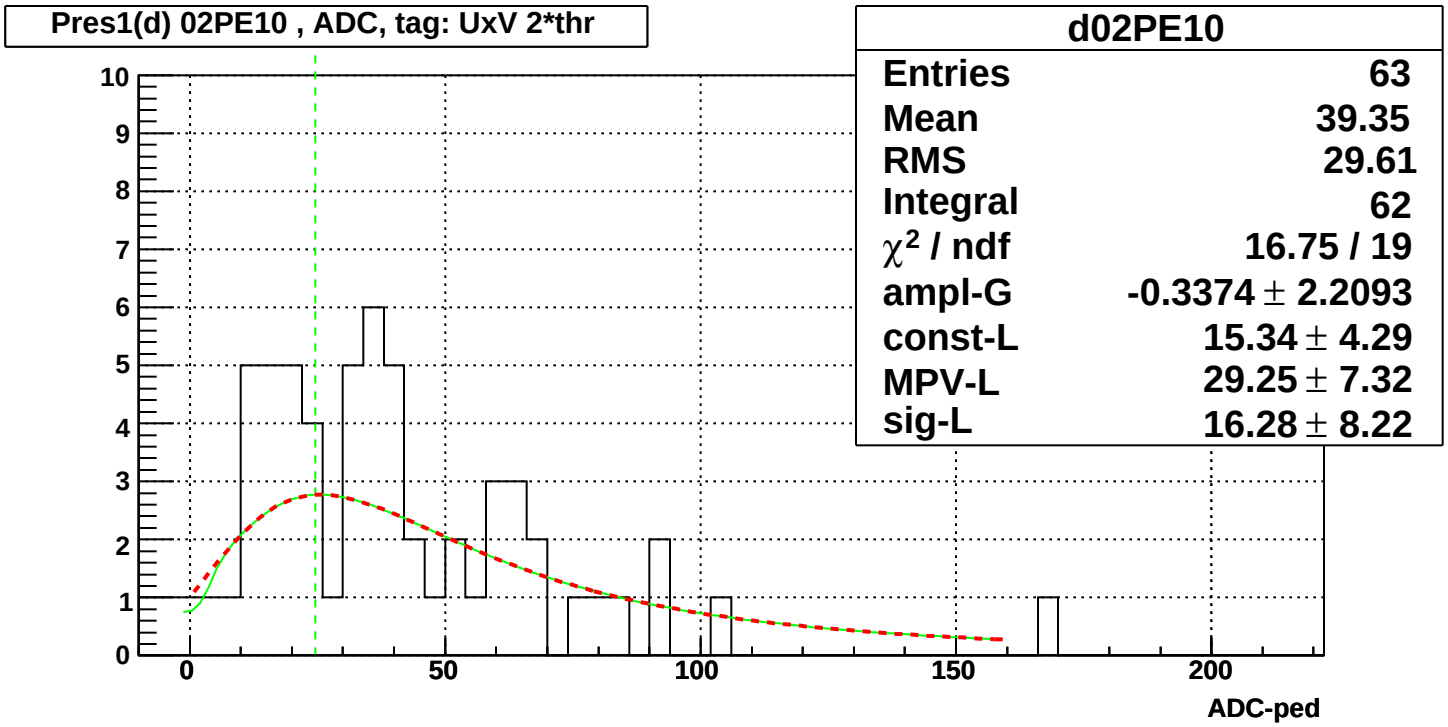

Pres1(a) 02PC10 , inclusive ADC
a02PC10
Entries 504000
Mean 1.019
RMS 6.496
Integral 5.038e+05
χ² / ndf 122 / 2
Constant 2.572e+06 ± 54238
Mean 0.5695 ± 0.0004
Sigma 0.03836 ± 0.00025
ADC-ped

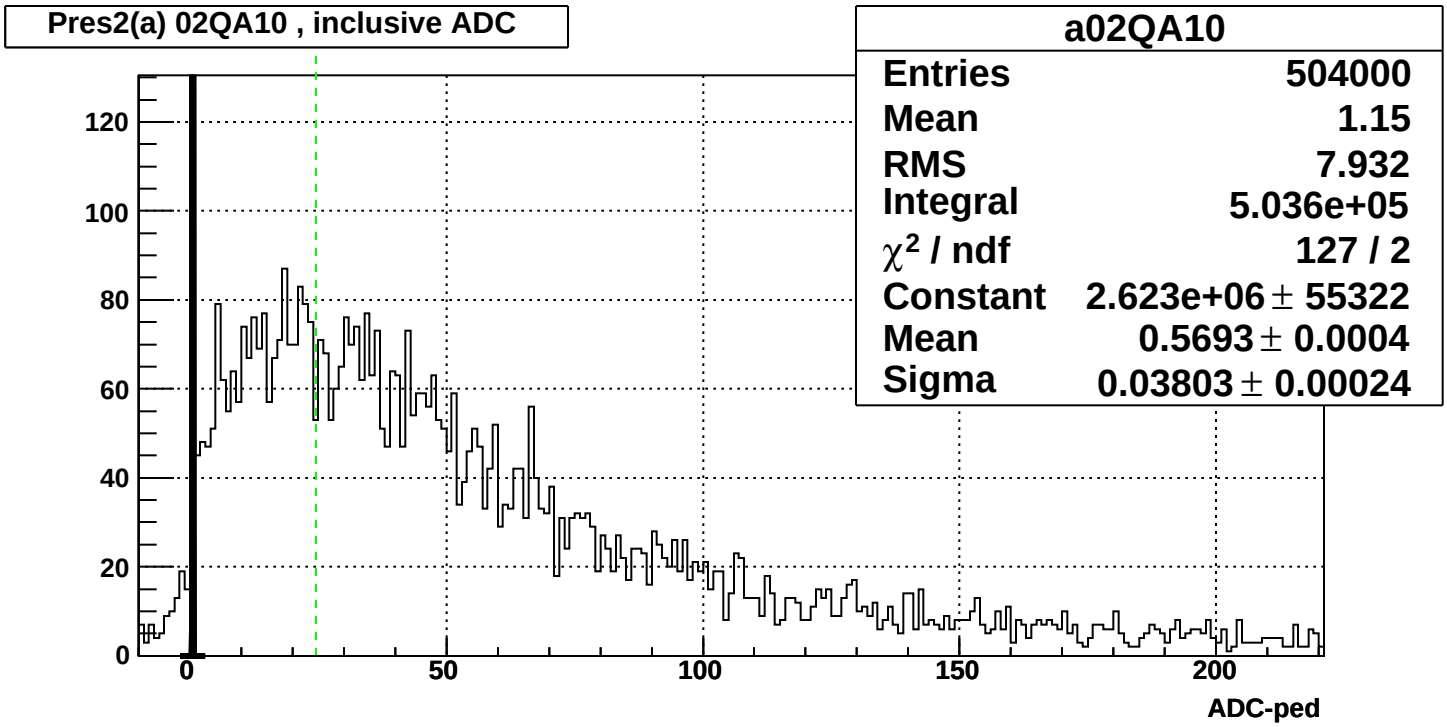

Pres1(d) 02PC10 , ADC, tag: UxV 2*thr
d02PC10
Entries 60
Mean 37.13
RMS 24.98
Integral 60
χ² / ndf 10.21 / 15
ampl-G 0.9012 ± 1.0281
const-L 26.08 ± 5.85
MPV-L 26.63 ± 3.90
sig-L 9.833 ± 2.730
ADC-ped

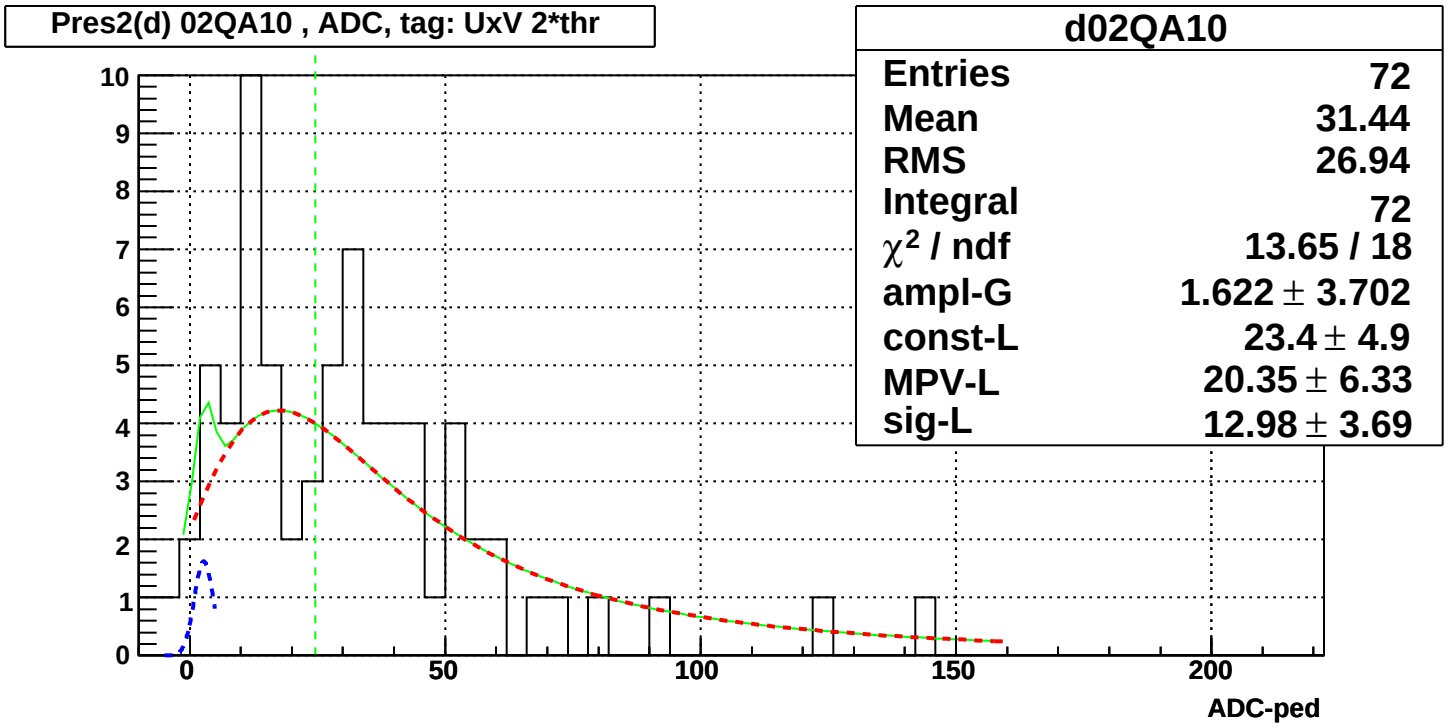

Pres1(a) 02PD10 , inclusive ADC
a02PD10
Entries 504000
Mean 1.024
RMS 6.563
Integral 5.038e+05
χ² / ndf 111 / 2
Constant 2.515e+06 ± 53021
Mean 0.5697 ± 0.0005
Sigma 0.03876 ± 0.00025
ADC-ped

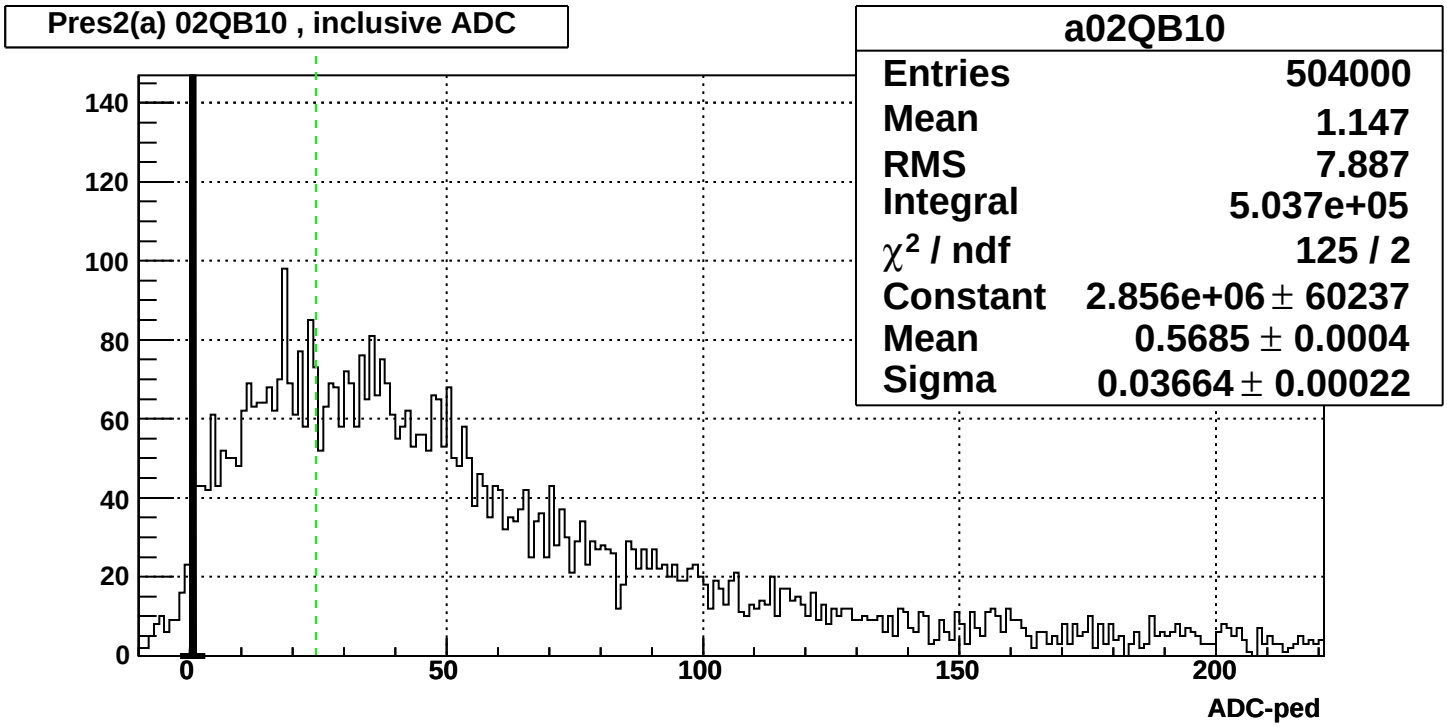

Pres1(d) 02PD10 , ADC, tag: UxV 2*thr
d02PD10
Entries 55
Mean 37.96
RMS 27.42
Integral 55
χ² / ndf 8.952 / 16
ampl-G 2.915 ± 2.248
const-L 19.26 ± 4.31
MPV-L 31.6 ± 5.6
sig-L 13.28 ± 4.16
ADC-ped

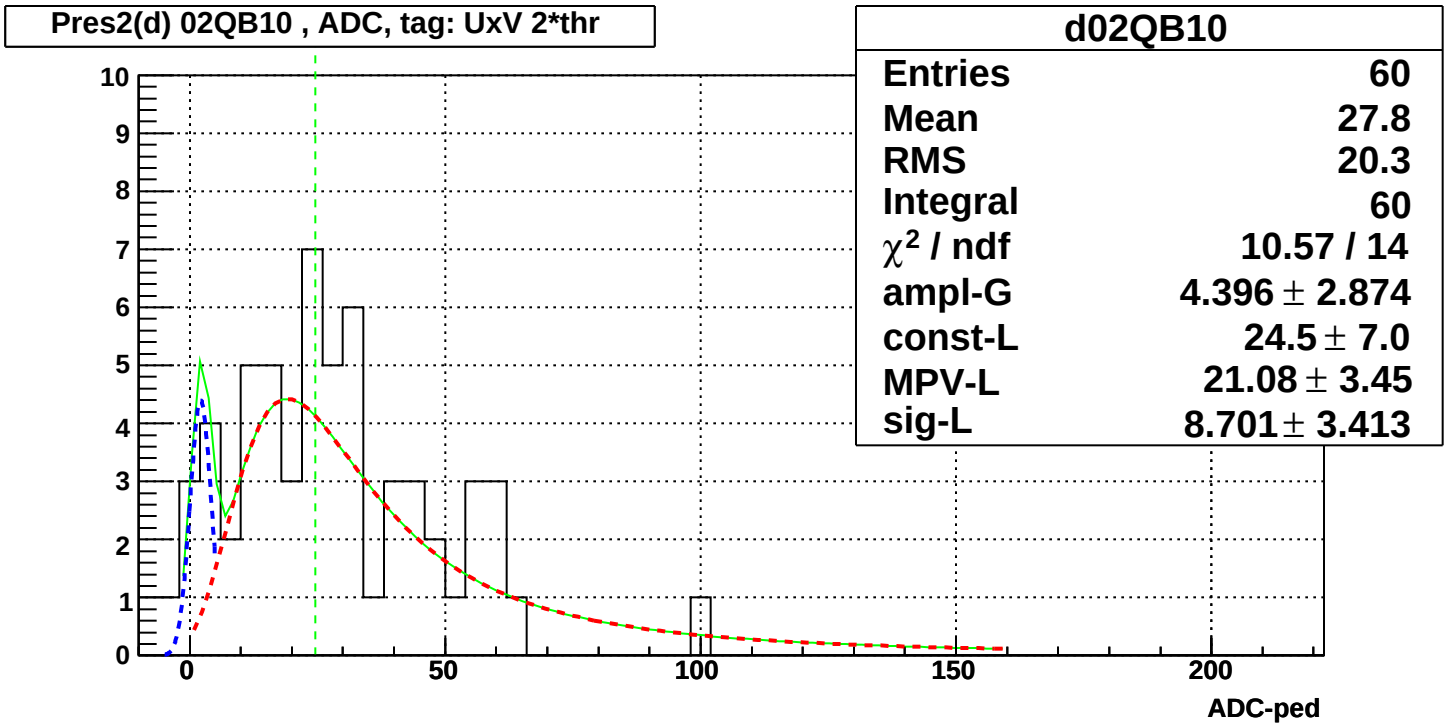

Pres1(a) 02PE10 , inclusive ADC
a02PE10
Entries 504000
Mean 1.051
RMS 6.715
Integral 5.038e+05
χ² / ndf 143 / 2
Constant 2.224e+06 ± 46923
Mean 0.571 ± 0.000
Sigma 0.04106 ± 0.00029
ADC-ped

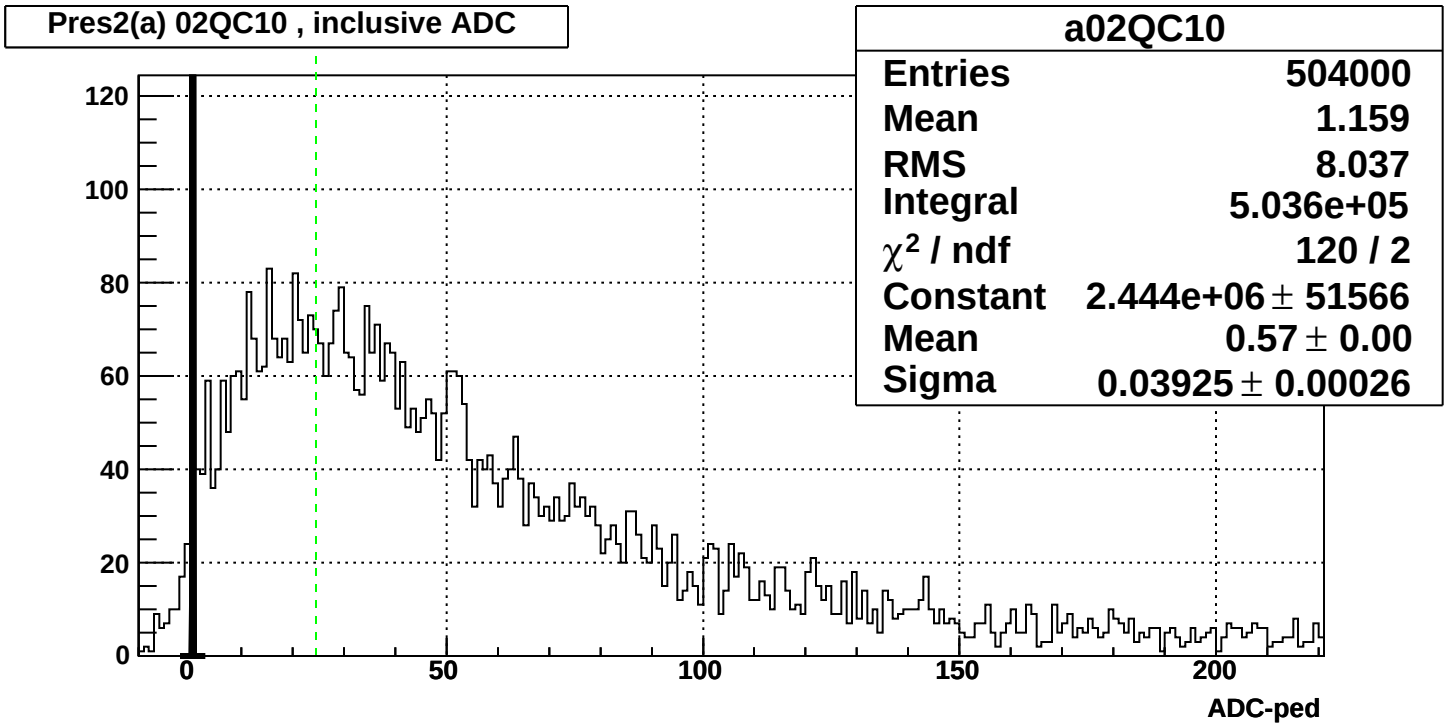

Pres1(d) 02PE10 , ADC, tag: UxV 2*thr
d02PE10
Entries 63
Mean 39.35
RMS 29.61
Integral 62
χ² / ndf 16.75 / 19
ampl-G -0.3374 ± 2.2093
const-L 15.34 ± 4.29
MPV-L 29.25 ± 7.32
sig-L 16.28 ± 8.22
ADC-ped

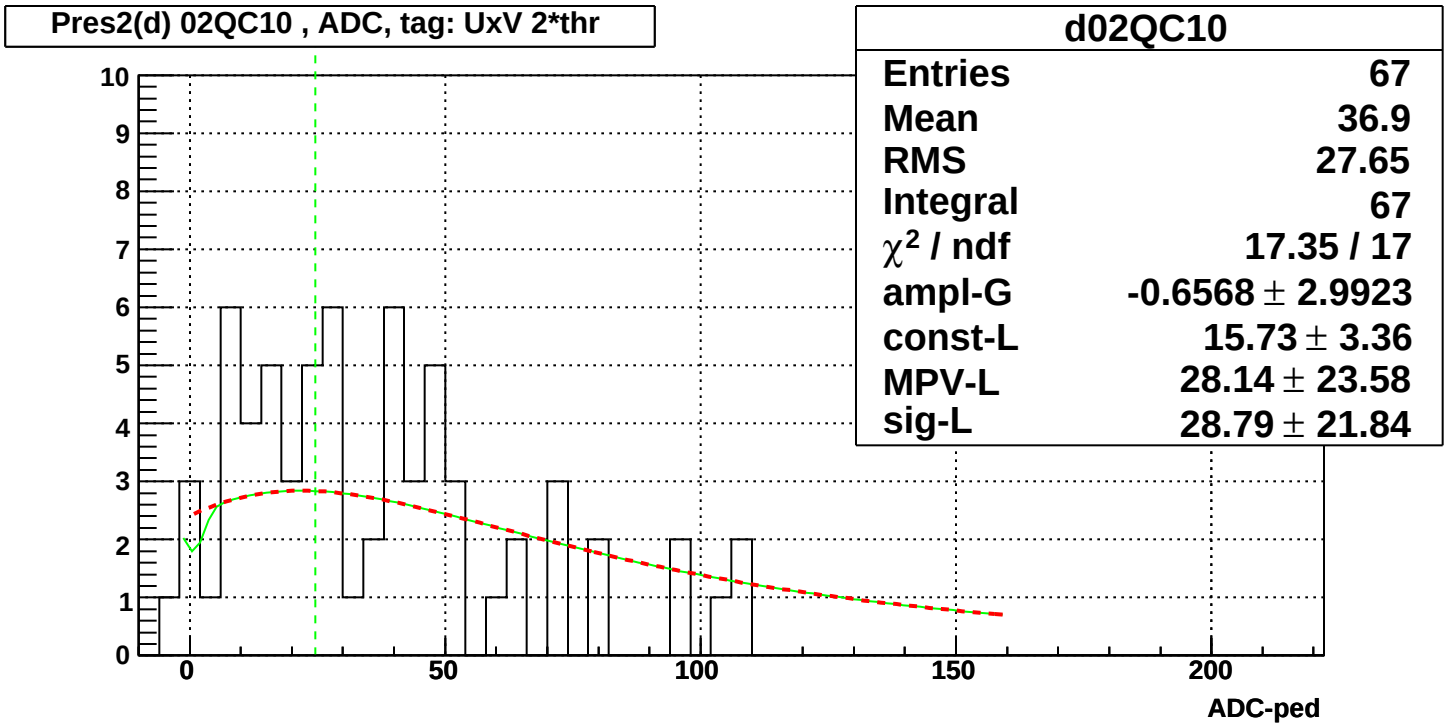

Pres2(a) 02QA10 , inclusive ADC
a02QA10
Entries 504000
Mean 1.15
RMS 7.932
Integral 5.036e+05
χ² / ndf 127 / 2
Constant 2.623e+06 ± 55322
Mean 0.5693 ± 0.0004
Sigma 0.03803 ± 0.00024
ADC-ped

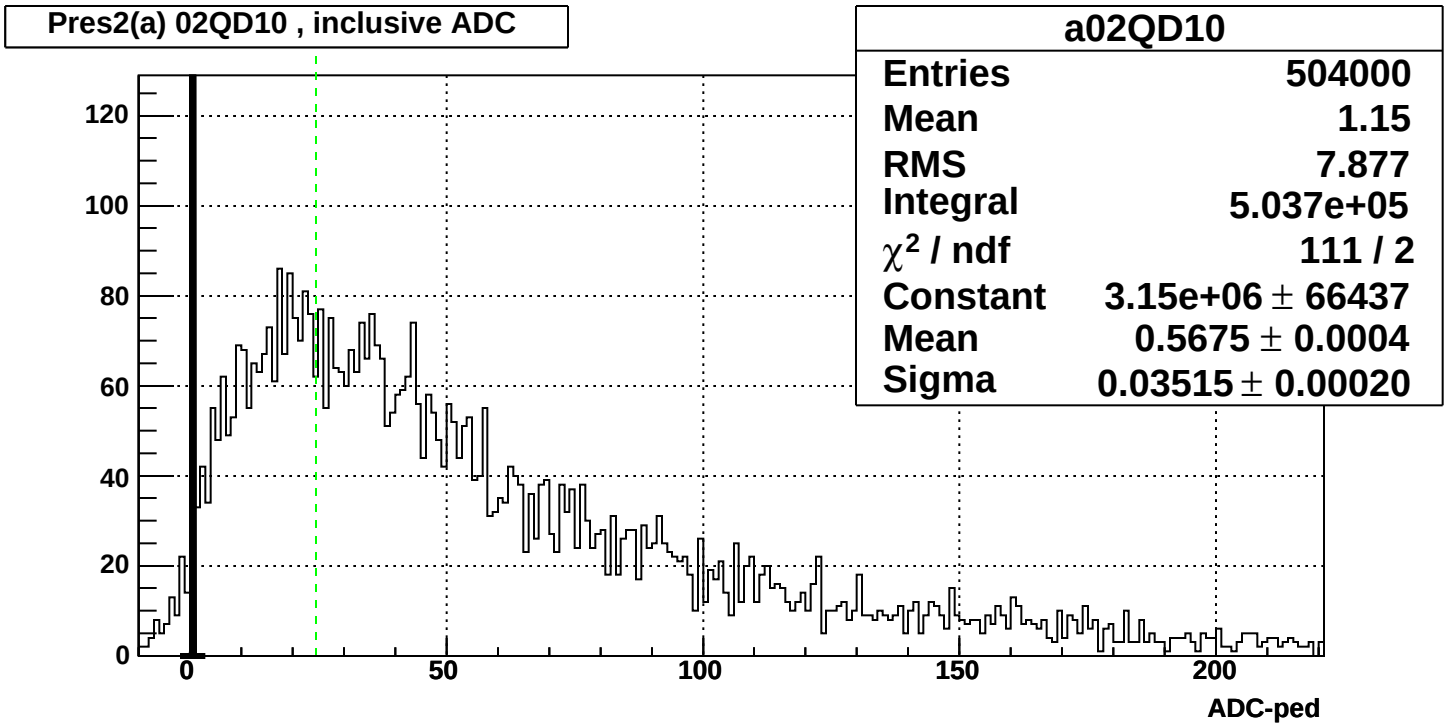

Pres2(d) 02QA10 , ADC, tag: UxV 2*thr
d02QA10
Entries 72
Mean 31.44
RMS 26.94
Integral 72
χ² / ndf 13.65 / 18
ampl-G 1.622 ± 3.702
const-L 23.4 ± 4.9
MPV-L 20.35 ± 6.33
sig-L 12.98 ± 3.69
ADC-ped

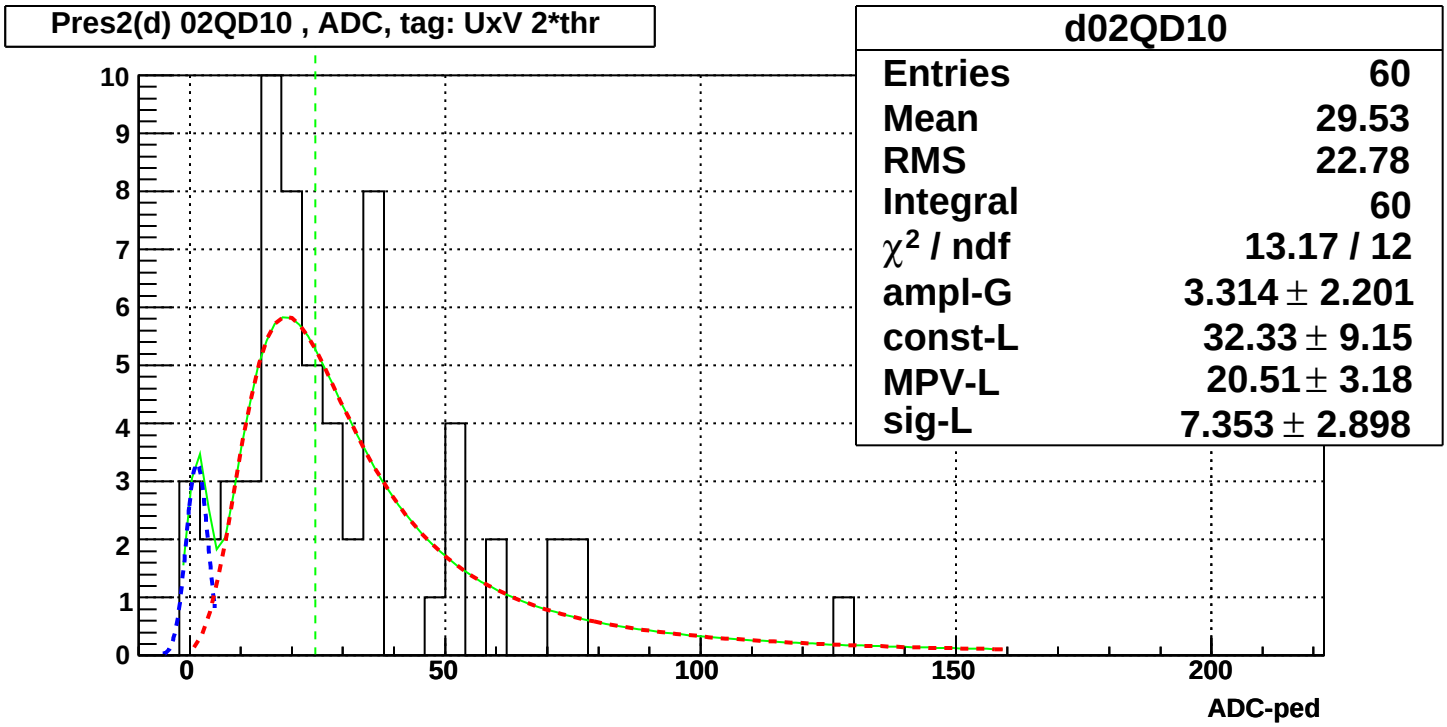

Pres2(a) 02QB10 , inclusive ADC
a02QB10
Entries 504000
Mean 1.147
RMS 7.887
Integral 5.037e+05
χ² / ndf 125 / 2
Constant 2.856e+06 ± 60237
Mean 0.5685 ± 0.0004
Sigma 0.03664 ± 0.00022
ADC-ped

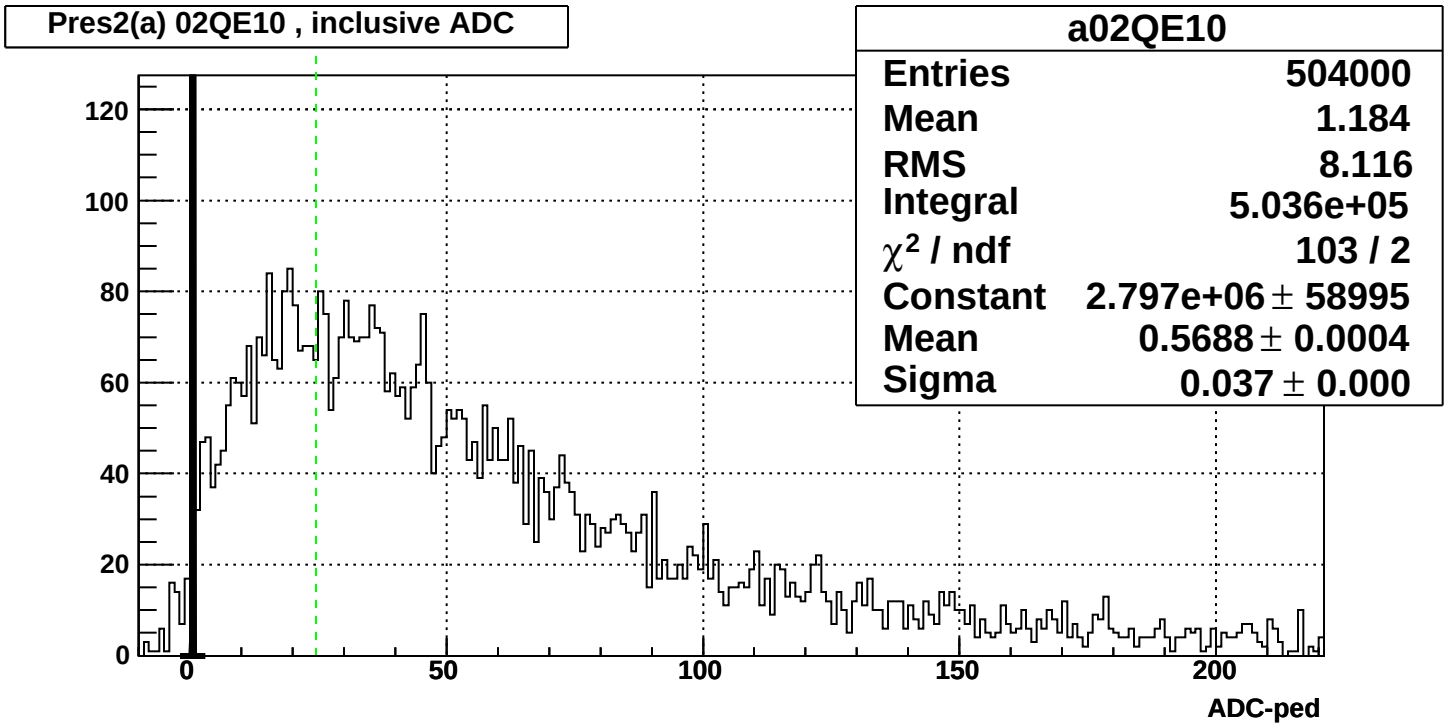

Pres2(d) 02QB10 , ADC, tag: UxV 2*thr
d02QB10
Entries 60
Mean 27.8
RMS 20.3
Integral 60
χ² / ndf 10.57 / 14
ampl-G 4.396 ± 2.874
const-L 24.5 ± 7.0
MPV-L 21.08 ± 3.45
sig-L 8.701 ± 3.413
ADC-ped

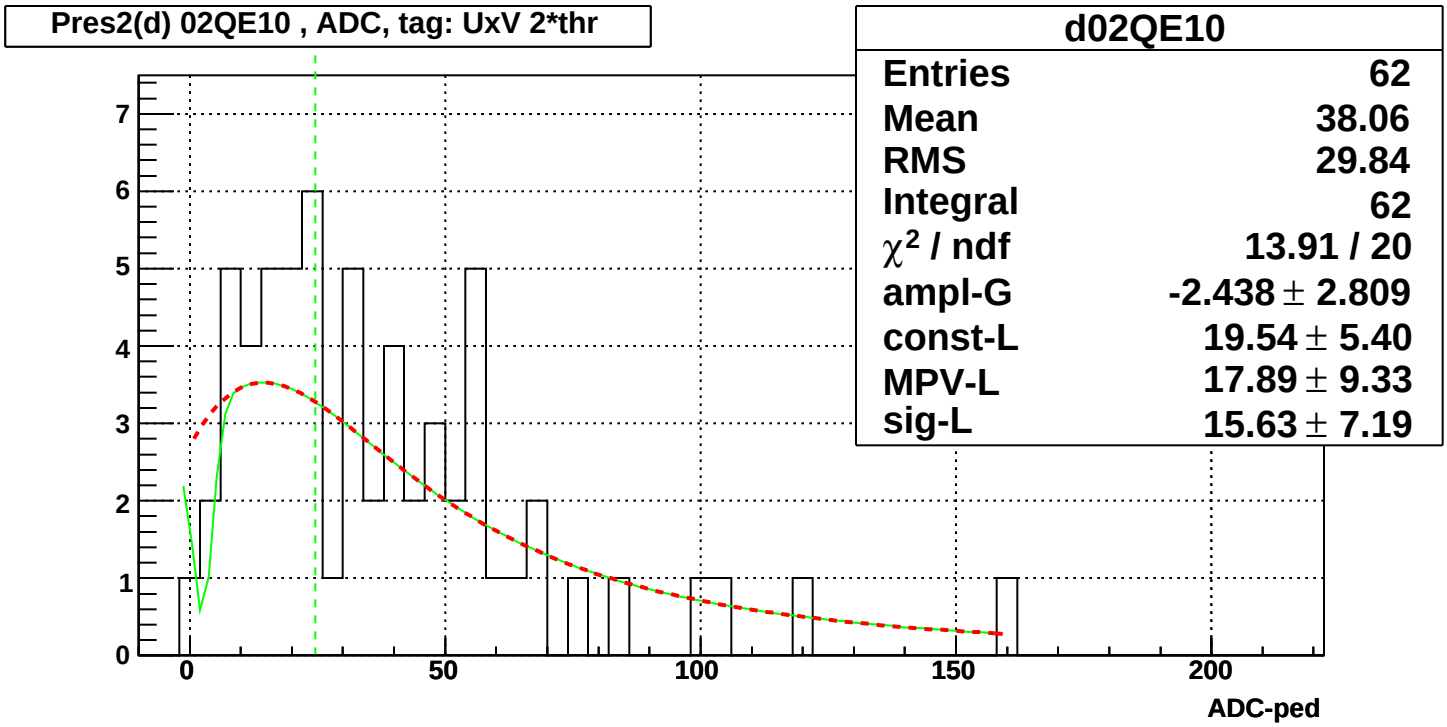

Pres2(a) 02QC10 , inclusive ADC
a02QC10
Entries 504000
Mean 1.159
RMS 8.037
Integral 5.036e+05
χ² / ndf 120 / 2
Constant 2.444e+06 ± 51566
Mean 0.57 ± 0.00
Sigma 0.03925 ± 0.00026
ADC-ped

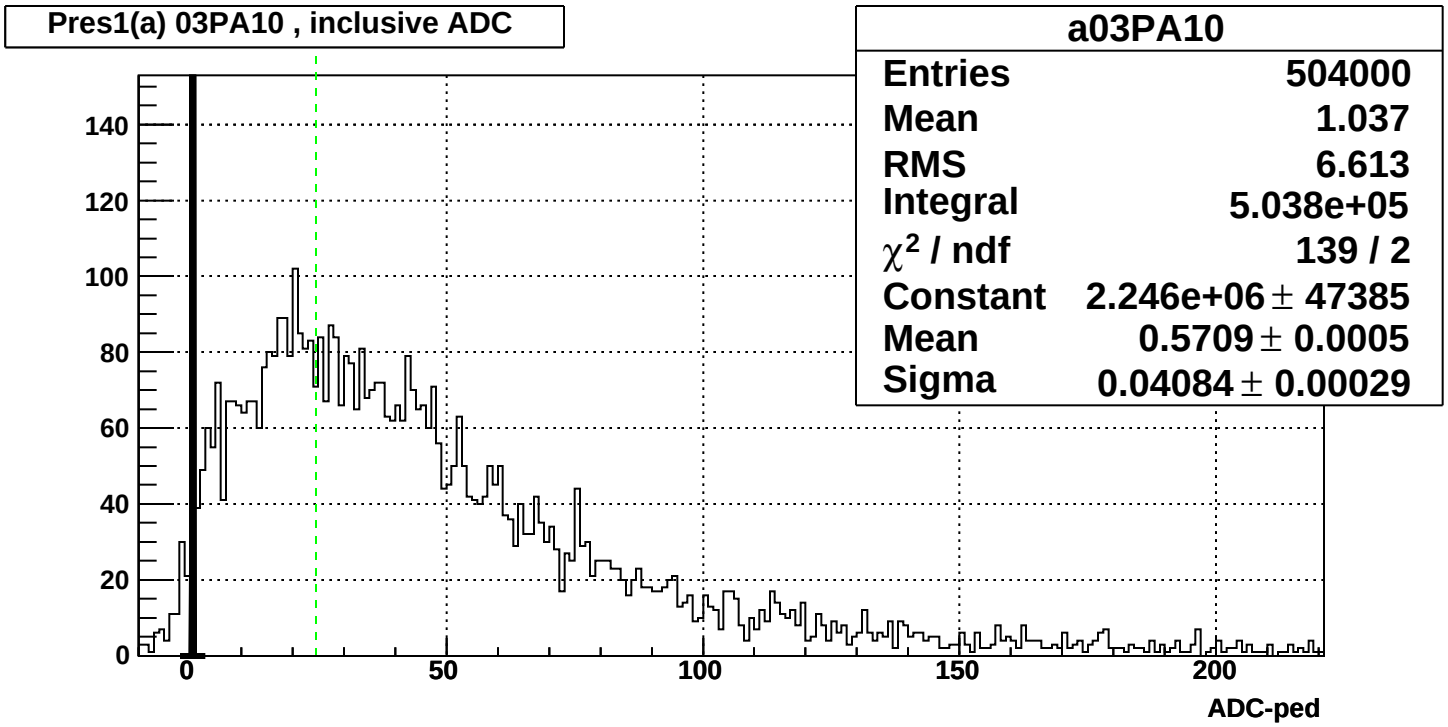

Pres2(d) 02QC10 , ADC, tag: UxV 2*thr
d02QC10
Entries 67
Mean 36.9
RMS 27.65
Integral 67
χ² / ndf 17.35 / 17
ampl-G -0.6568 ± 2.9923
const-L 15.73 ± 3.36
MPV-L 28.14 ± 23.58
sig-L 28.79 ± 21.84
ADC-ped

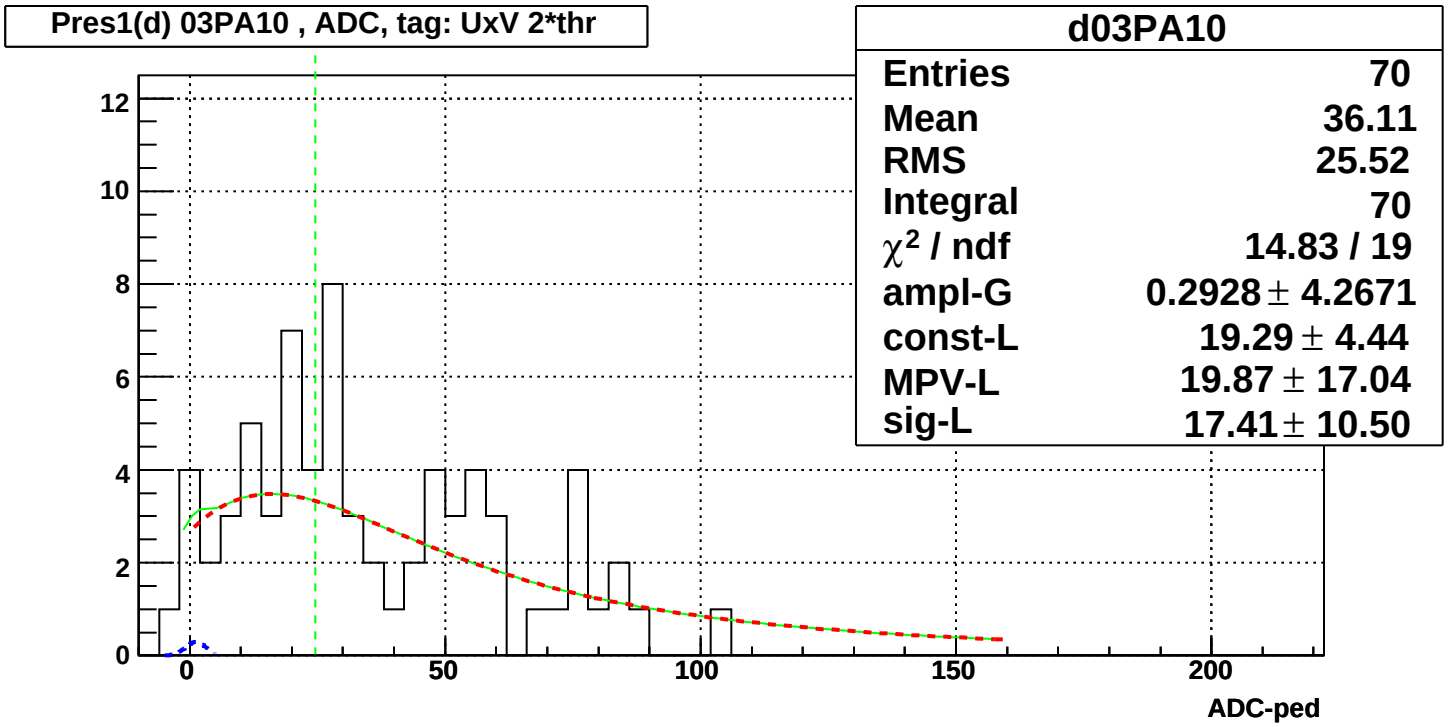

Pres2(a) 02QD10 , inclusive ADC
a02QD10
Entries 504000
Mean 1.15
RMS 7.877
Integral 5.037e+05
χ² / ndf 111 / 2
Constant 3.15e+06 ± 66437
Mean 0.5675 ± 0.0004
Sigma 0.03515 ± 0.00020
ADC-ped

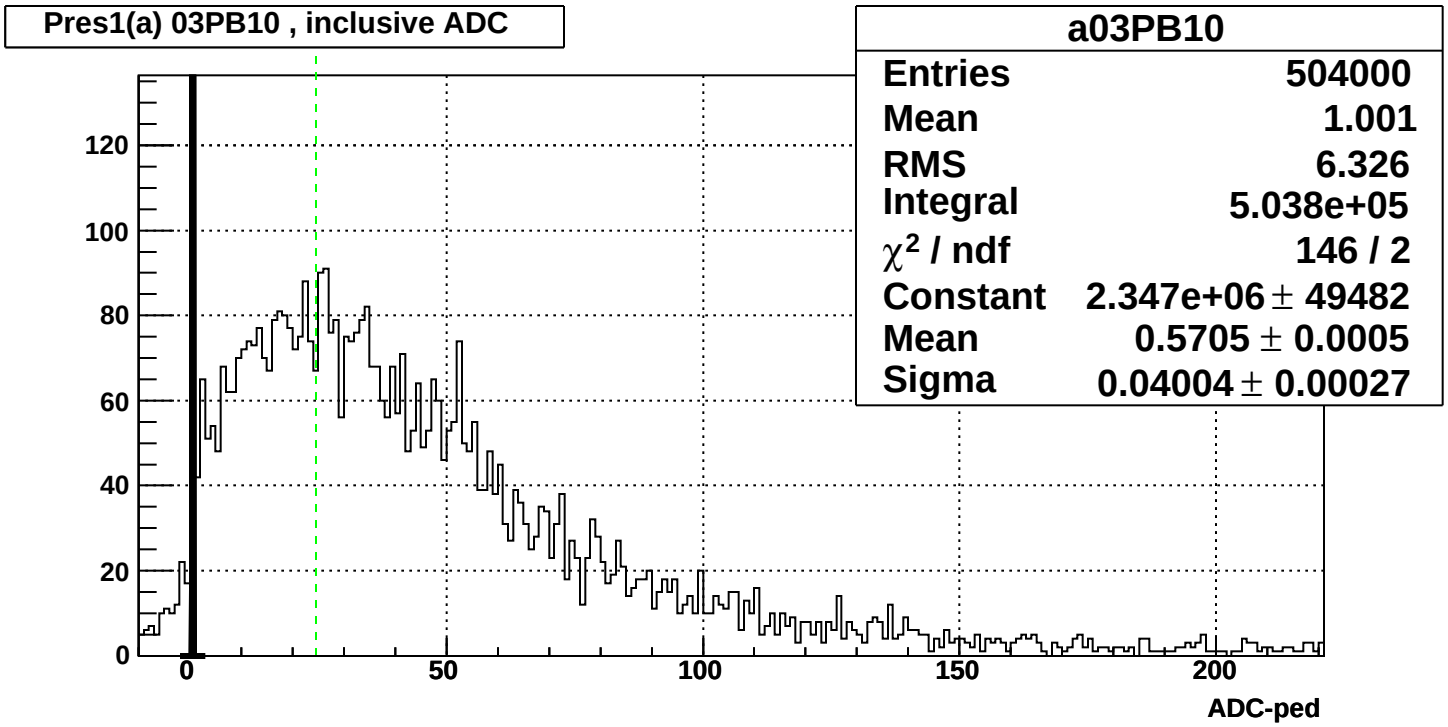

Pres2(d) 02QD10 , ADC, tag: UxV 2*thr
d02QD10
Entries 60
Mean 29.53
RMS 22.78
Integral 60
χ² / ndf 13.17 / 12
ampl-G 3.314 ± 2.201
const-L 32.33 ± 9.15
MPV-L 20.51 ± 3.18
sig-L 7.353 ± 2.898
ADC-ped

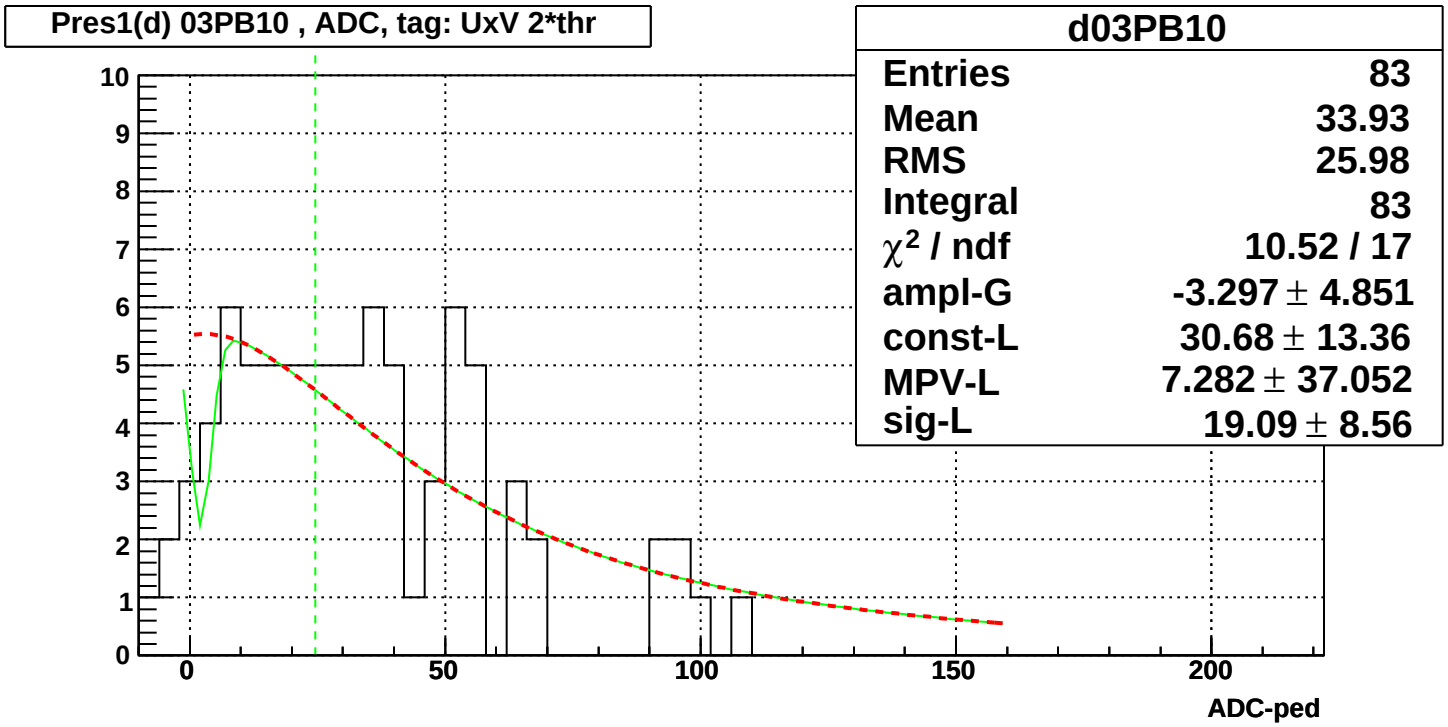

Pres2(a) 02QE10 , inclusive ADC
a02QE10
Entries 504000
Mean 1.184
RMS 8.116
Integral 5.036e+05
χ² / ndf 103 / 2
Constant 2.797e+06 ± 58995
Mean 0.5688 ± 0.0004
Sigma 0.037 ± 0.000
ADC-ped

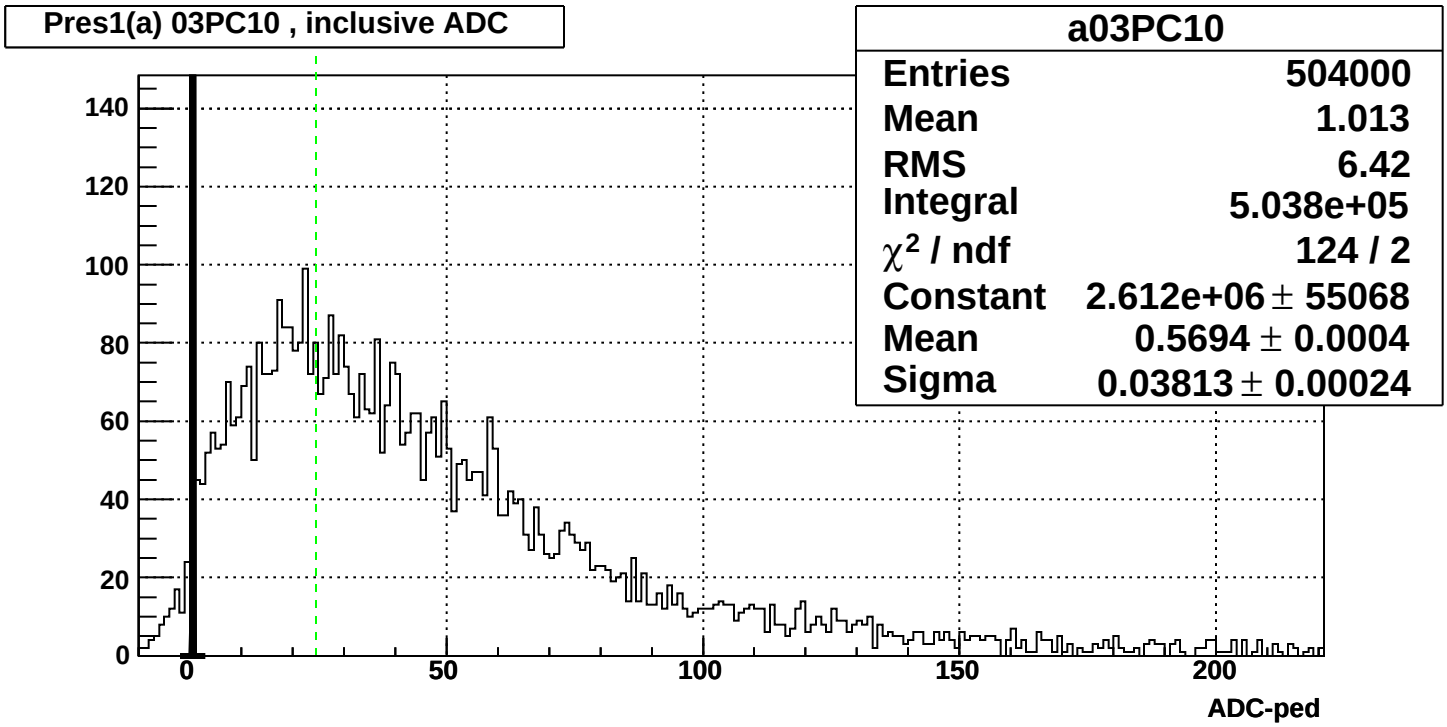

Pres2(d) 02QE10 , ADC, tag: UxV 2*thr
d02QE10
Entries 62
Mean 38.06
RMS 29.84
Integral 62
χ² / ndf 13.91 / 20
ampl-G -2.438 ± 2.809
const-L 19.54 ± 5.40
MPV-L 17.89 ± 9.33
sig-L 15.63 ± 7.19
ADC-ped

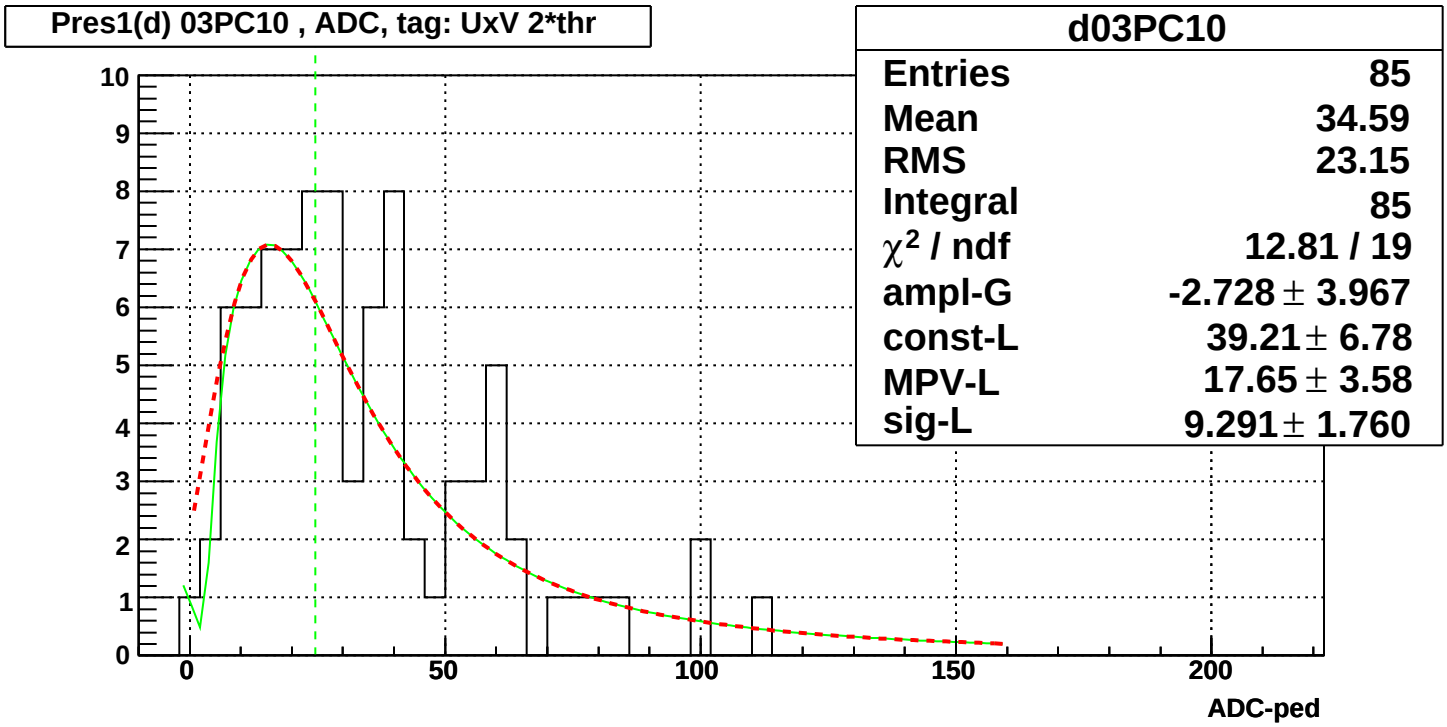

Pres1(a) 03PA10 , inclusive ADC
a03PA10
Entries 504000
Mean 1.037
RMS 6.613
Integral 5.038e+05
χ² / ndf 139 / 2
Constant 2.246e+06 ± 47385
Mean 0.5709 ± 0.0005
Sigma 0.04084 ± 0.00029
ADC-ped

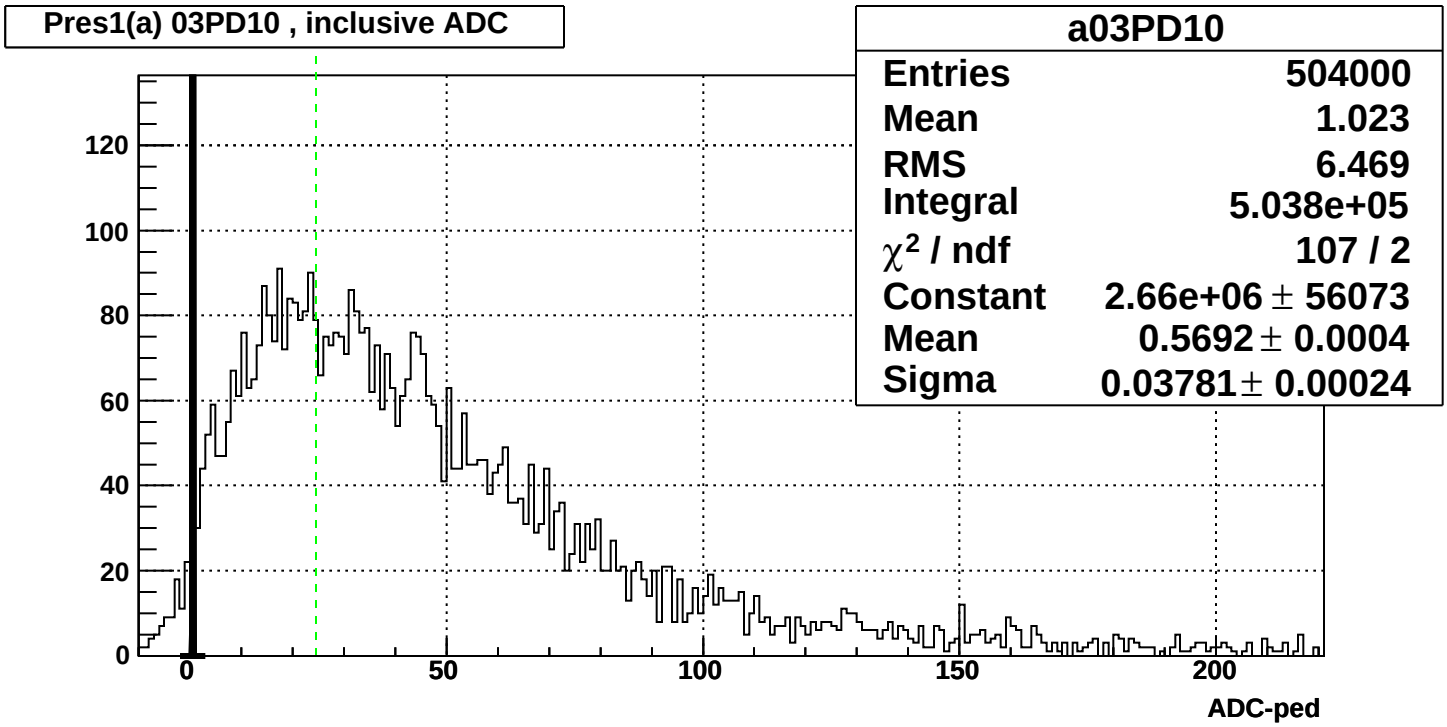

Pres1(d) 03PA10 , ADC, tag: UxV 2*thr
d03PA10
Entries 70
Mean 36.11
RMS 25.52
Integral 70
χ² / ndf 14.83 / 19
ampl-G 0.2928 ± 4.2671
const-L 19.29 ± 4.44
MPV-L 19.87 ± 17.04
sig-L 17.41 ± 10.50
ADC-ped

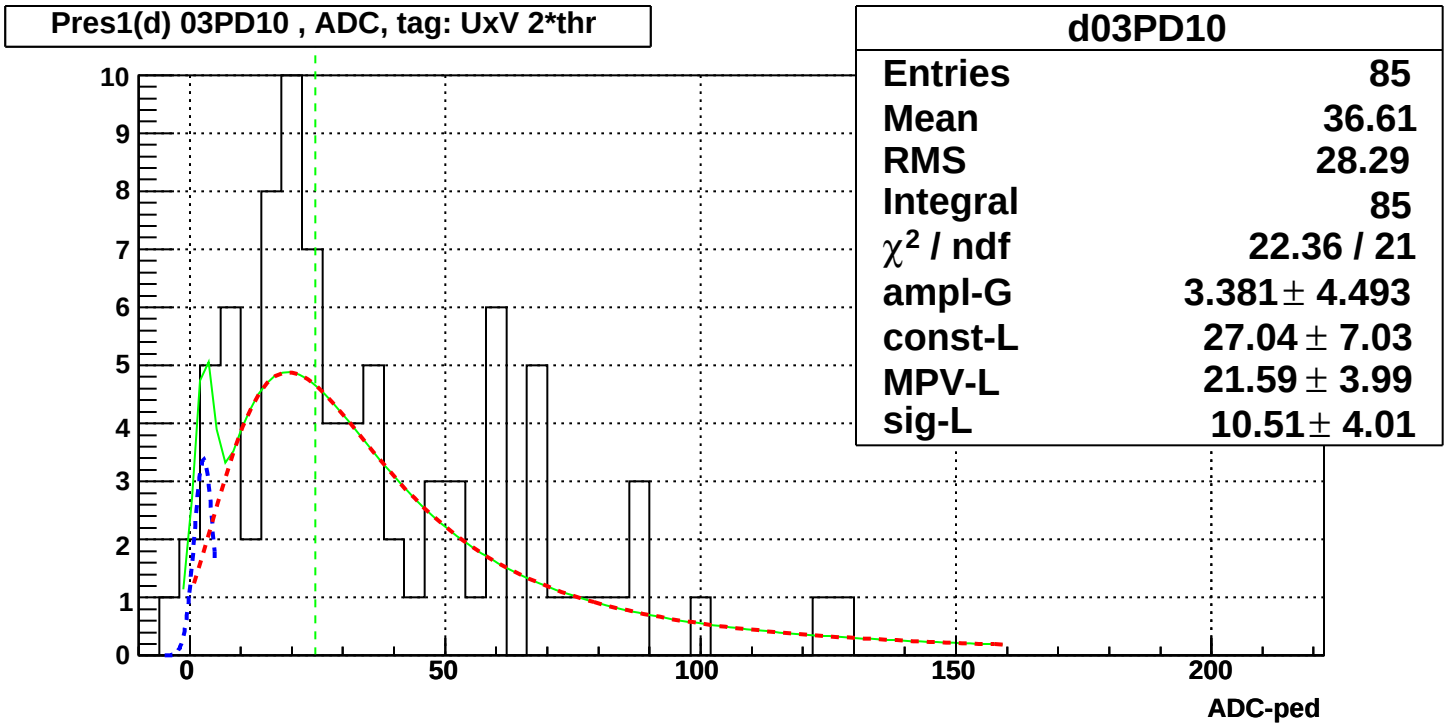

Pres1(a) 03PB10 , inclusive ADC
a03PB10
Entries 504000
Mean 1.001
RMS 6.326
Integral 5.038e+05
χ² / ndf 146 / 2
Constant 2.347e+06 ± 49482
Mean 0.5705 ± 0.0005
Sigma 0.04004 ± 0.00027
ADC-ped

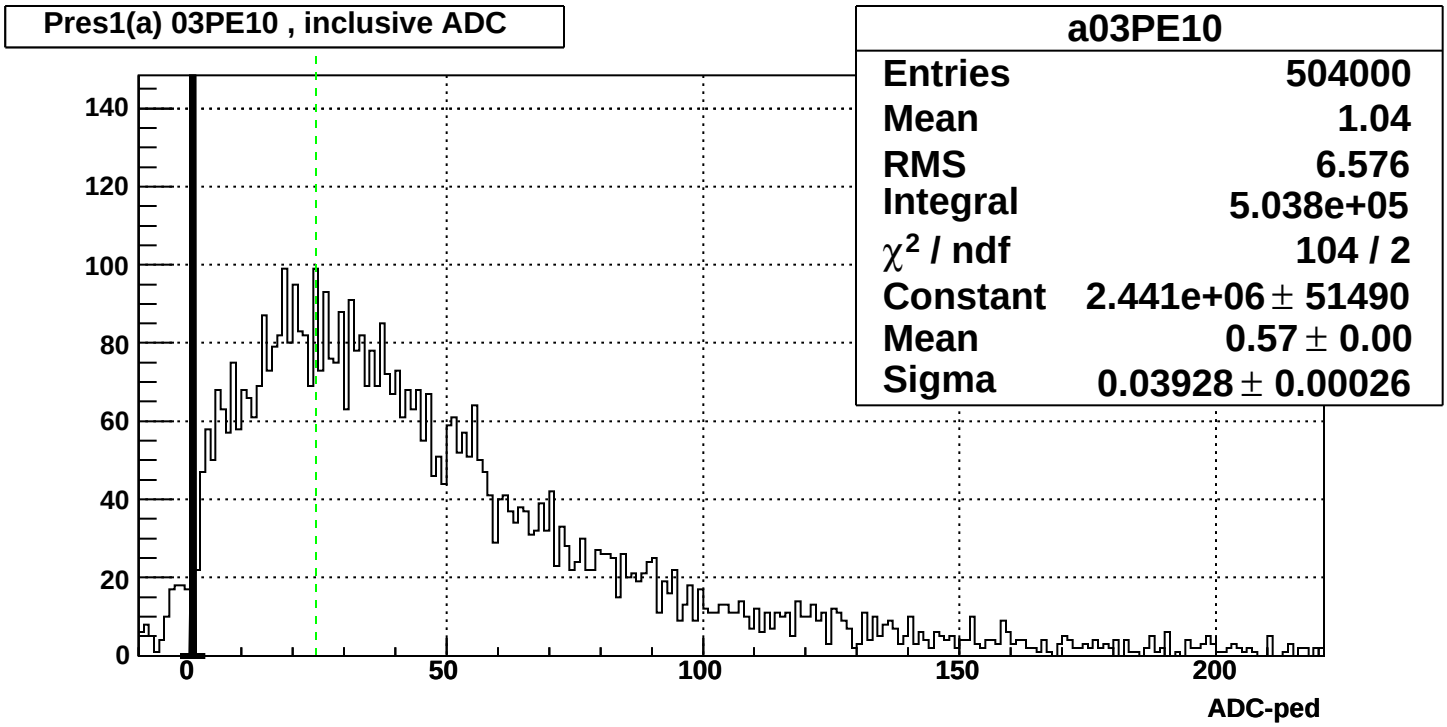

Pres1(d) 03PB10 , ADC, tag: UxV 2*thr
d03PB10
Entries 83
Mean 33.93
RMS 25.98
Integral 83
χ² / ndf 10.52 / 17
ampl-G -3.297 ± 4.851
const-L 30.68 ± 13.36
MPV-L 7.282 ± 37.052
sig-L 19.09 ± 8.56
ADC-ped

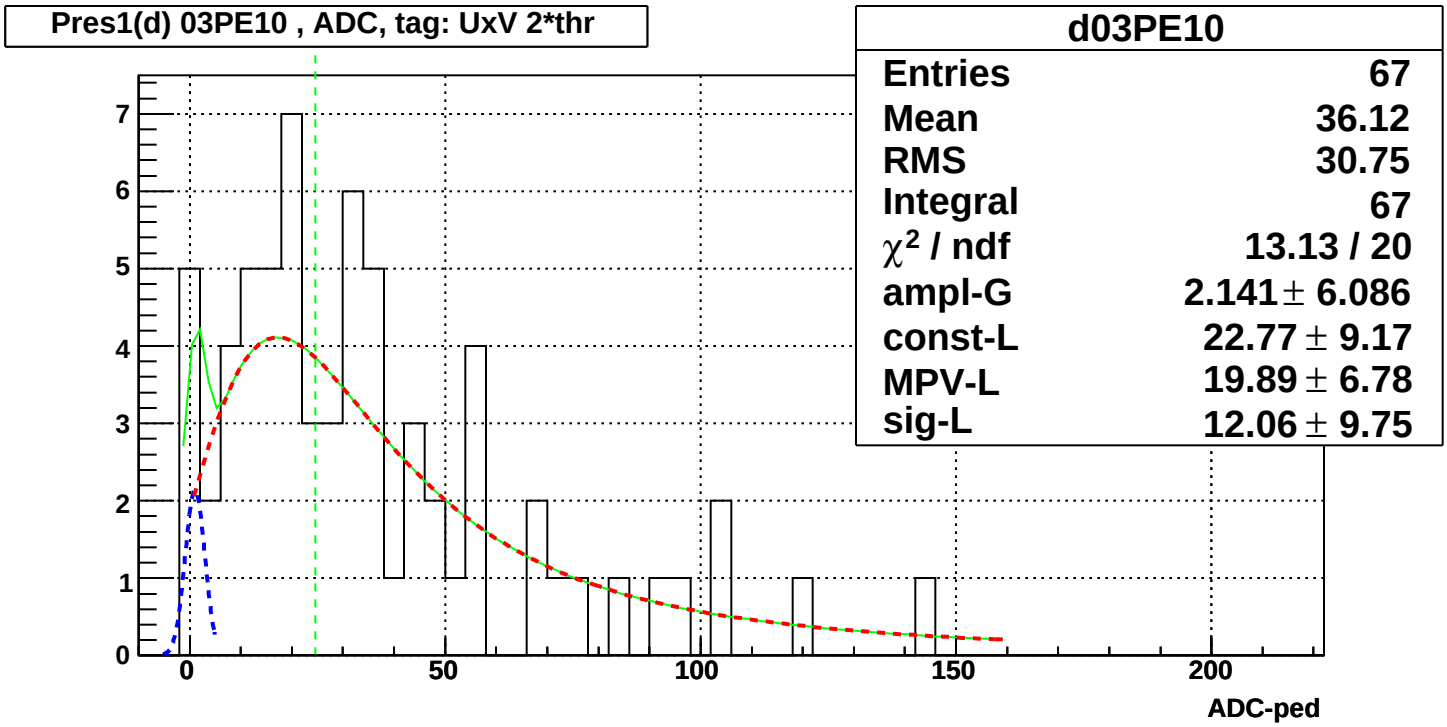

Pres1(a) 03PC10 , inclusive ADC
a03PC10
Entries 504000
Mean 1.013
RMS 6.42
Integral 5.038e+05
χ² / ndf 124 / 2
Constant 2.612e+06 ± 55068
Mean 0.5694 ± 0.0004
Sigma 0.03813 ± 0.00024
ADC-ped

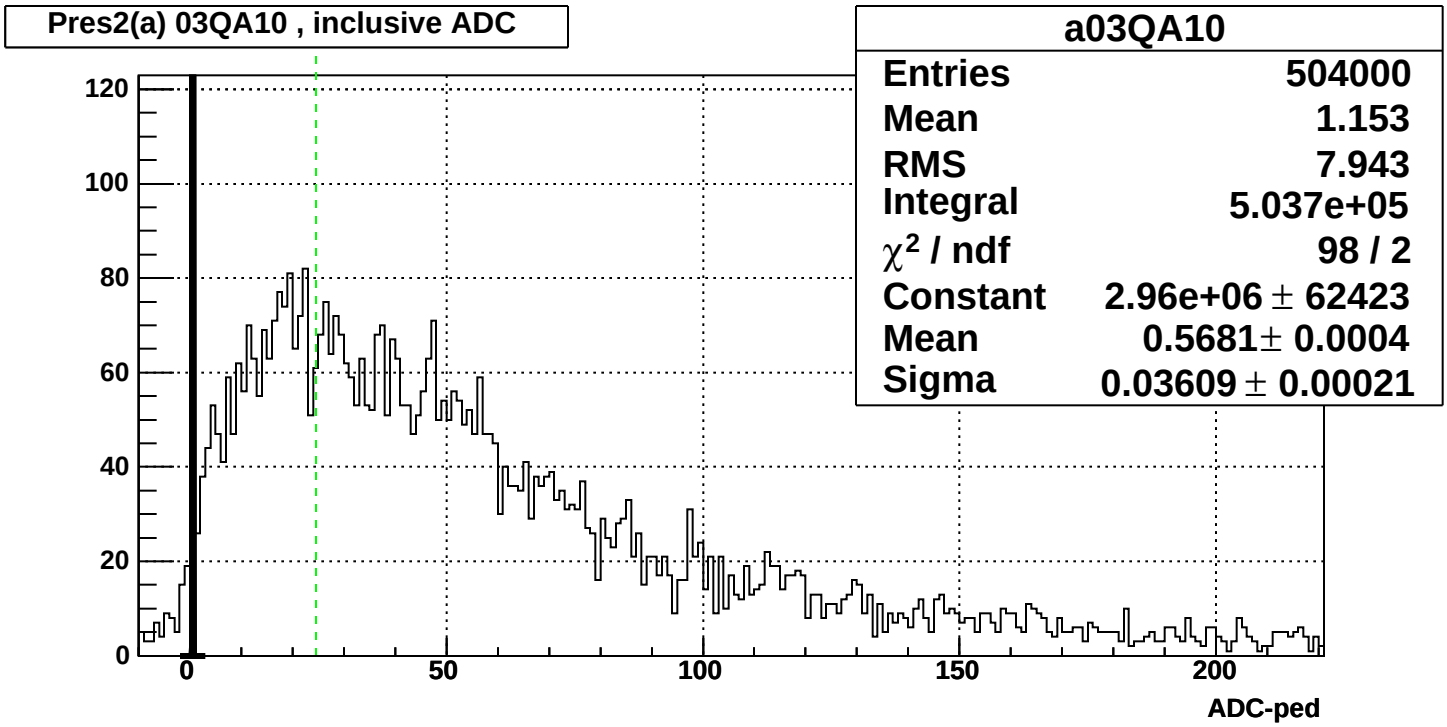

Pres1(d) 03PC10 , ADC, tag: UxV 2*thr
d03PC10
Entries 85
Mean 34.59
RMS 23.15
Integral 85
χ² / ndf 12.81 / 19
ampl-G -2.728 ± 3.967
const-L 39.21 ± 6.78
MPV-L 17.65 ± 3.58
sig-L 9.291 ± 1.760
ADC-ped

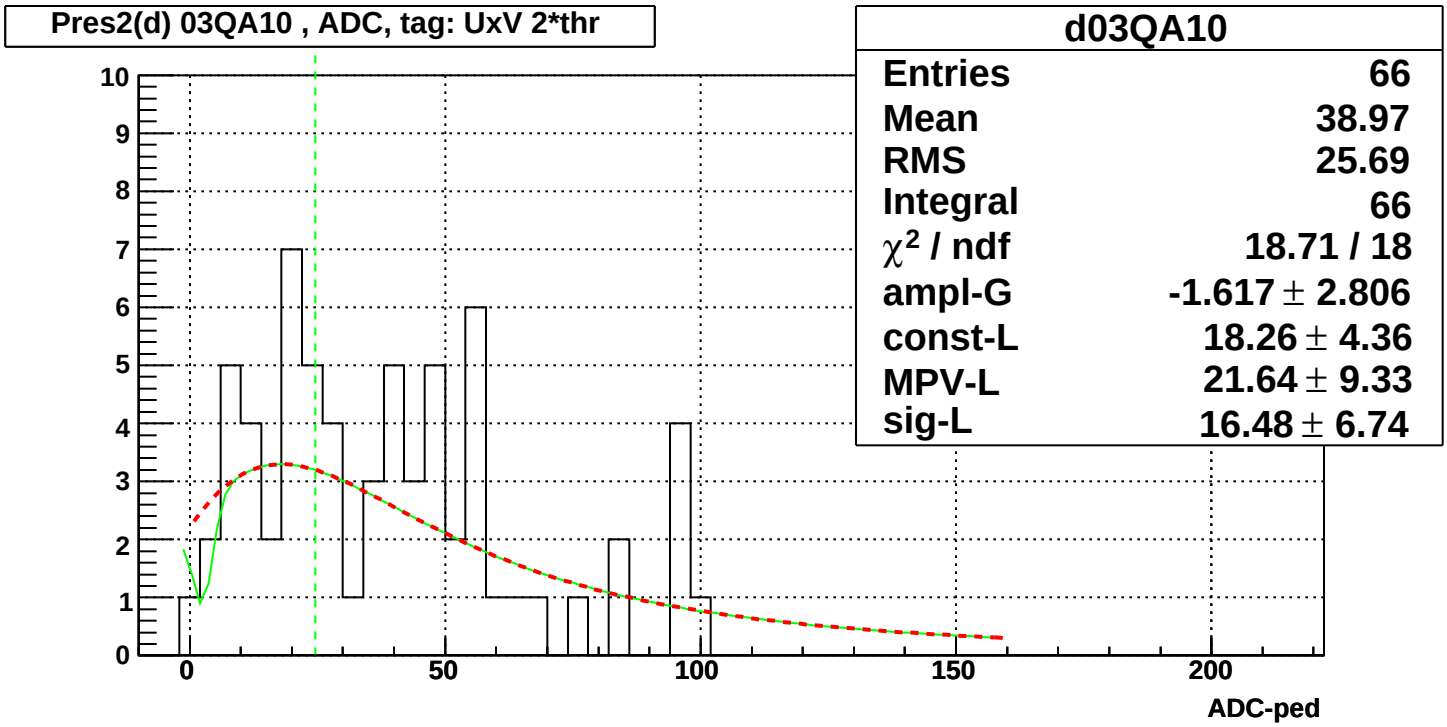

Pres1(a) 03PD10 , inclusive ADC
a03PD10
Entries 504000
Mean 1.023
RMS 6.469
Integral 5.038e+05
χ² / ndf 107 / 2
Constant 2.66e+06 ± 56073
Mean 0.5692 ± 0.0004
Sigma 0.03781 ± 0.00024
ADC-ped

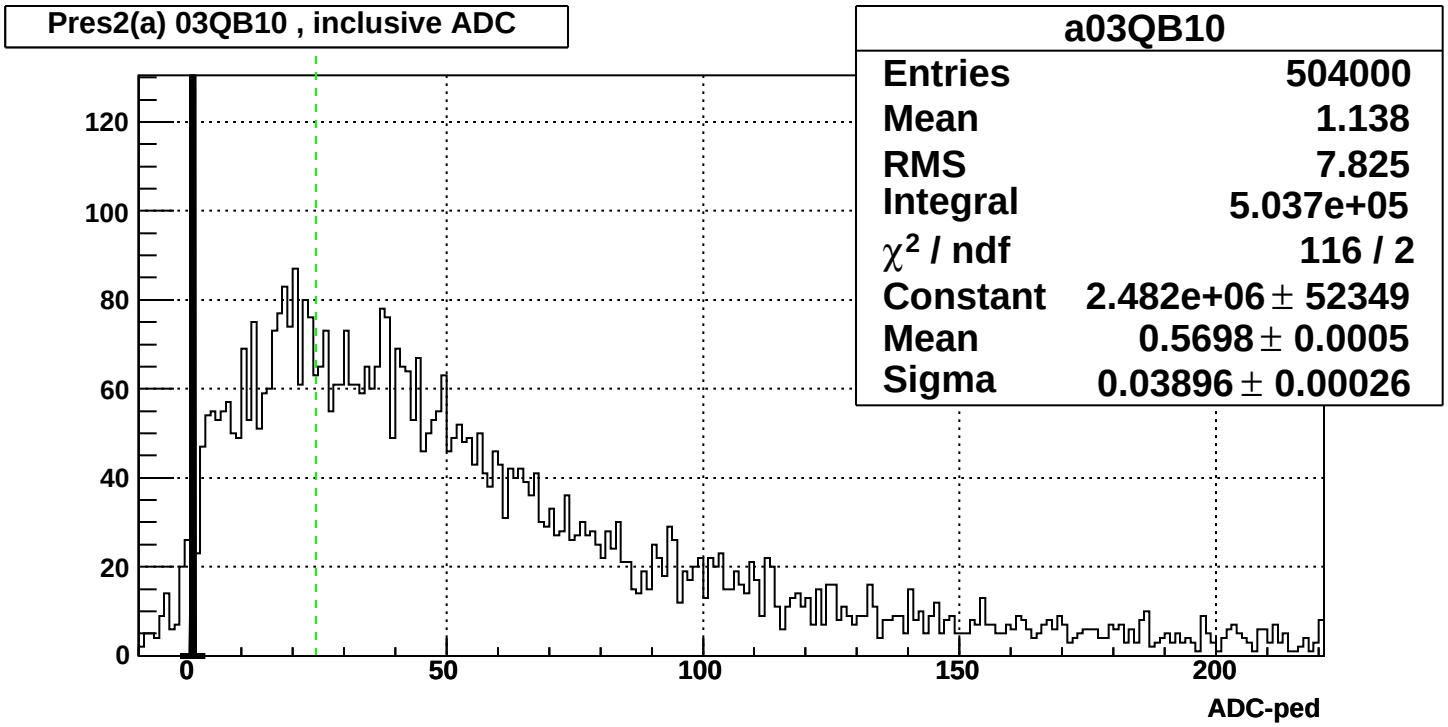

Pres1(d) 03PD10 , ADC, tag: UxV 2*thr
d03PD10
Entries 85
Mean 36.61
RMS 28.29
Integral 85
χ² / ndf 22.36 / 21
ampl-G 3.381 ± 4.493
const-L 27.04 ± 7.03
MPV-L 21.59 ± 3.99
sig-L 10.51 ± 4.01
ADC-ped

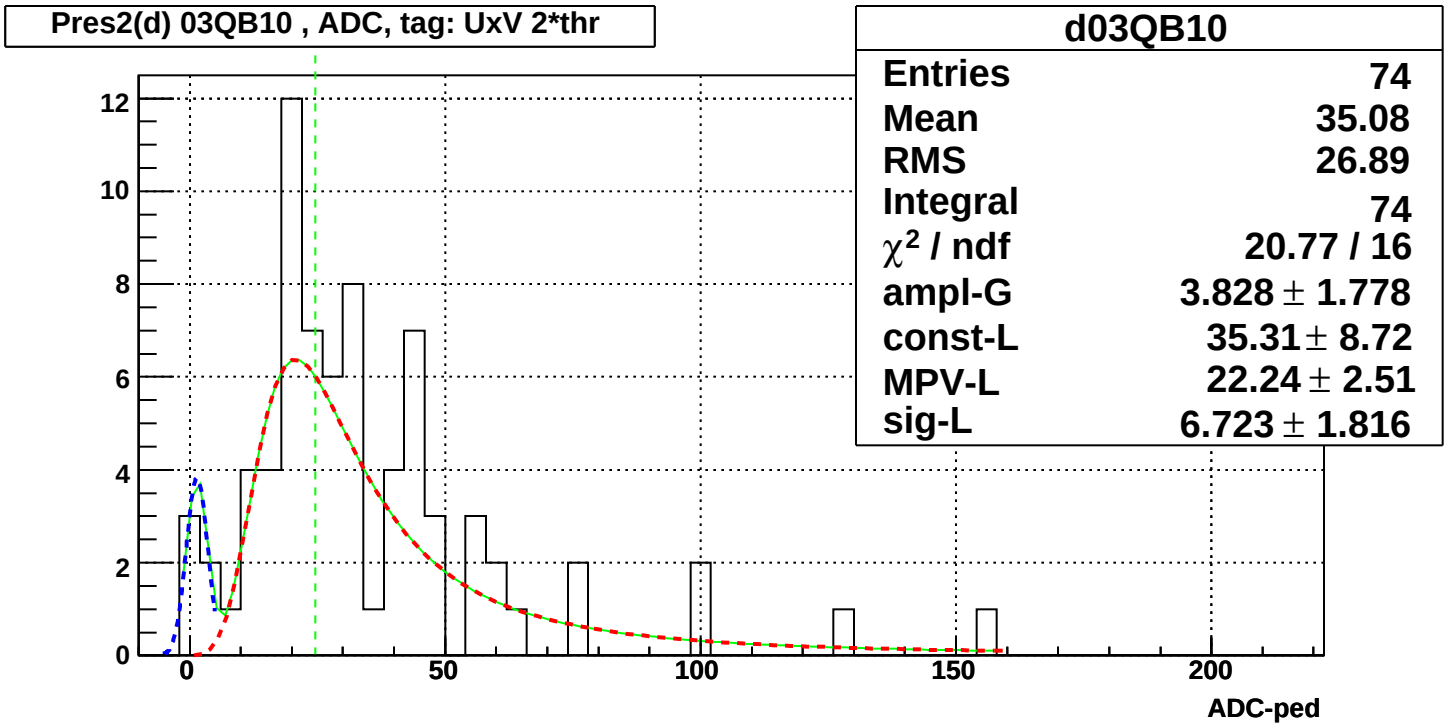

Pres1(a) 03PE10 , inclusive ADC
a03PE10
Entries 504000
Mean 1.04
RMS 6.576
Integral 5.038e+05
χ² / ndf 104 / 2
Constant 2.441e+06 ± 51490
Mean 0.57 ± 0.00
Sigma 0.03928 ± 0.00026
ADC-ped

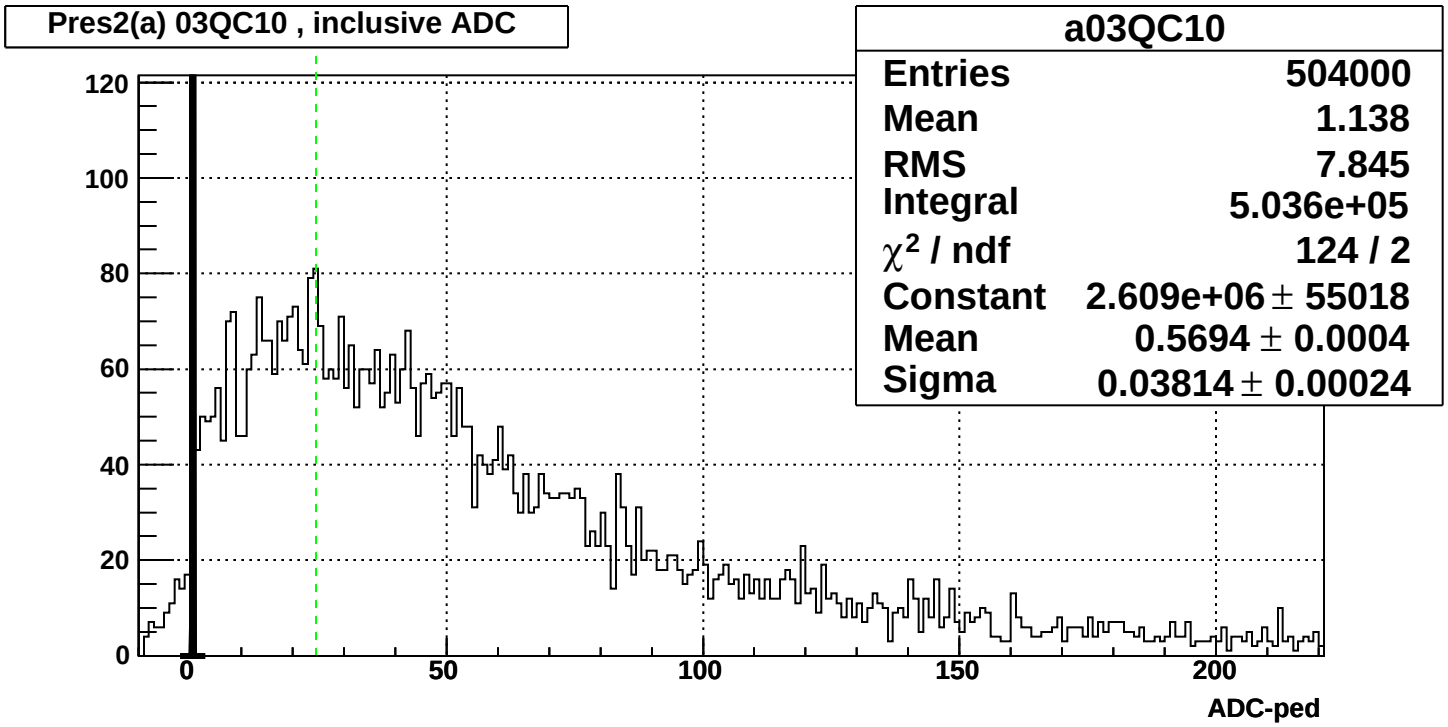

Pres1(d) 03PE10 , ADC, tag: UxV 2*thr
d03PE10
Entries 67
Mean 36.12
RMS 30.75
Integral 67
χ² / ndf 13.13 / 20
ampl-G 2.141 ± 6.086
const-L 22.77 ± 9.17
MPV-L 19.89 ± 6.78
sig-L 12.06 ± 9.75
ADC-ped

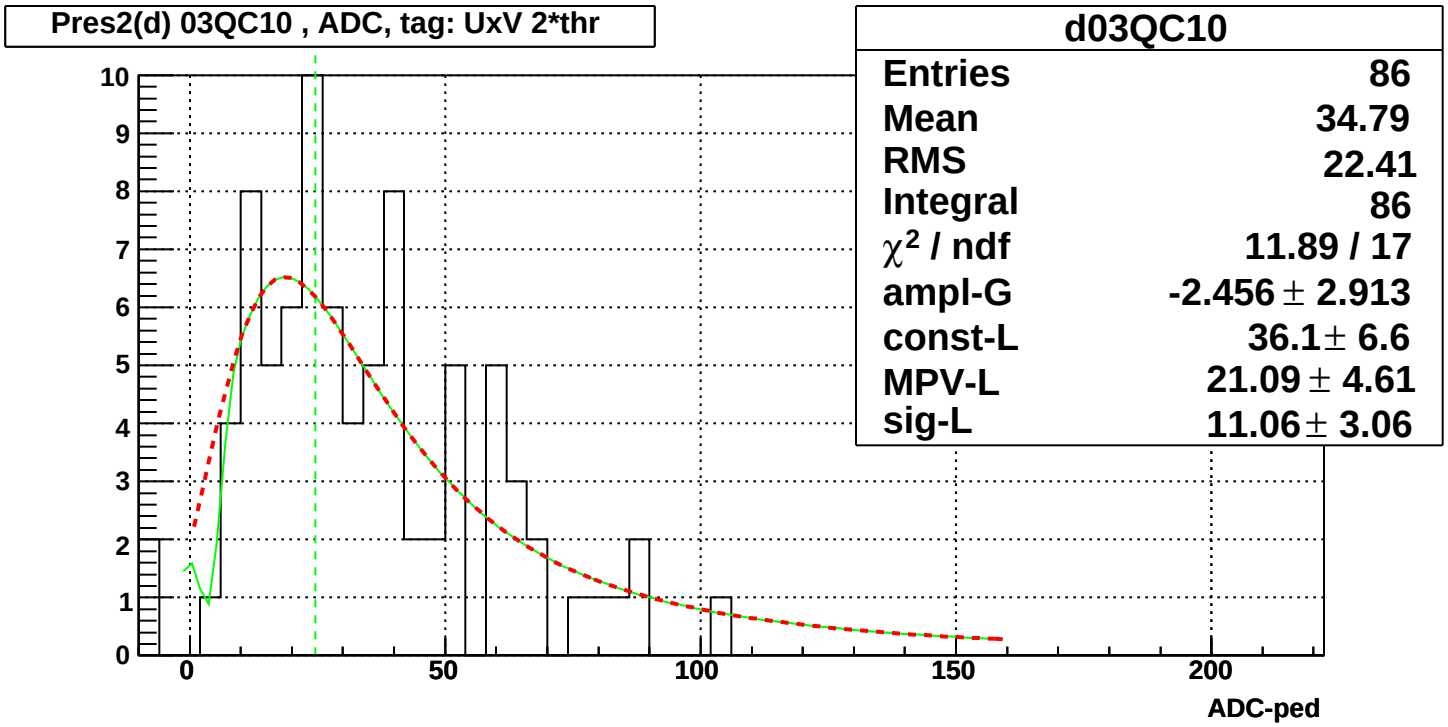

Pres2(a) 03QA10 , inclusive ADC
a03QA10
Entries 504000
Mean 1.153
RMS 7.943
Integral 5.037e+05
χ² / ndf 98 / 2
Constant 2.96e+06 ± 62423
Mean 0.5681 ± 0.0004
Sigma 0.03609 ± 0.00021
ADC-ped

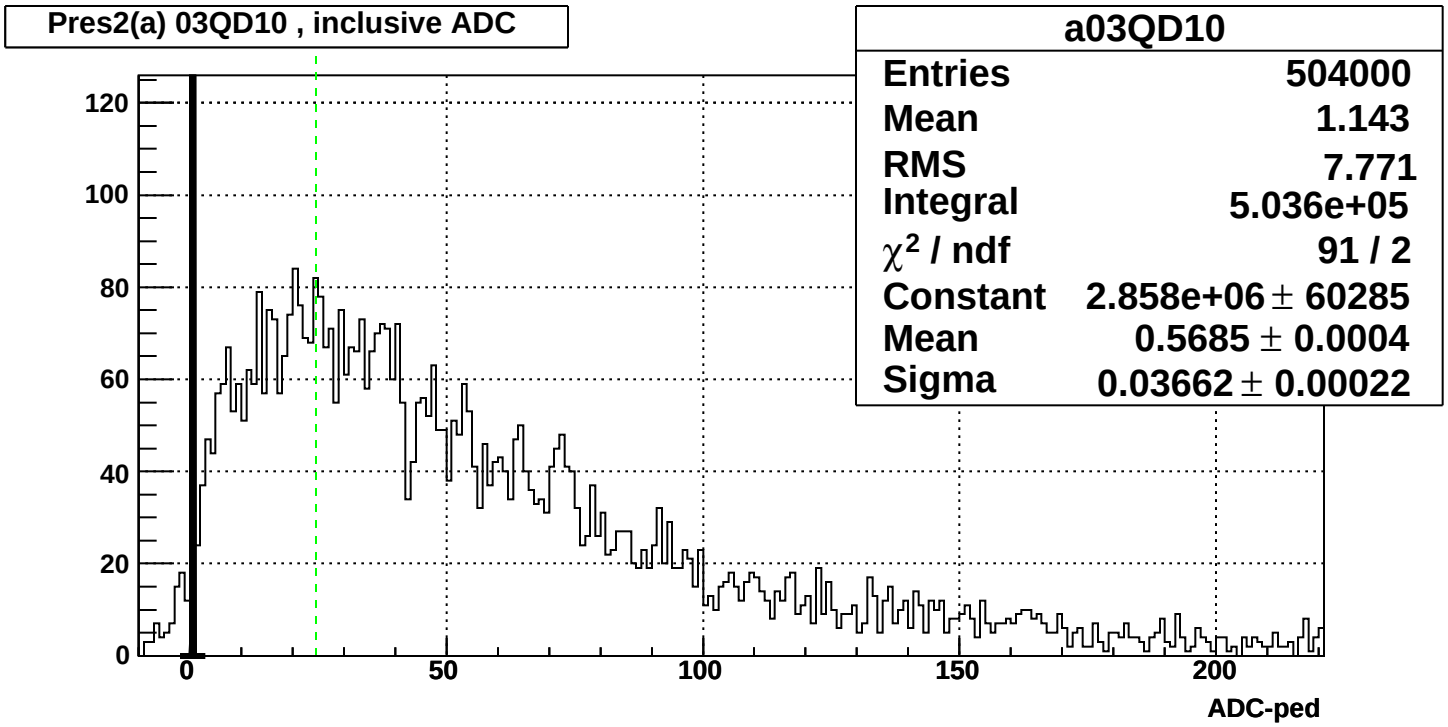

Pres2(d) 03QA10 , ADC, tag: UxV 2*thr
d03QA10
Entries 66
Mean 38.97
RMS 25.69
Integral 66
χ² / ndf 18.71 / 18
ampl-G -1.617 ± 2.806
const-L 18.26 ± 4.36
MPV-L 21.64 ± 9.33
sig-L 16.48 ± 6.74
ADC-ped

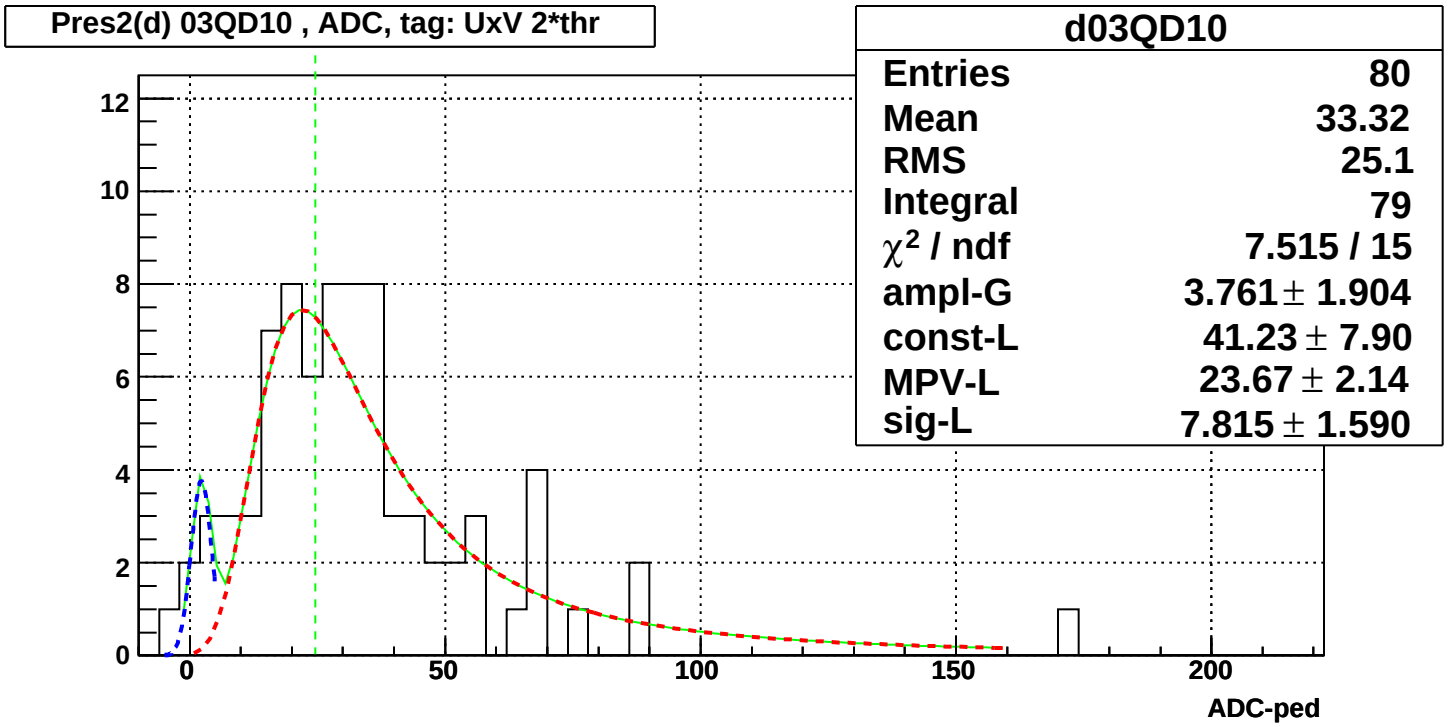

Pres2(a) 03QB10 , inclusive ADC
a03QB10
Entries 504000
Mean 1.138
RMS 7.825
Integral 5.037e+05
χ² / ndf 116 / 2
Constant 2.482e+06 ± 52349
Mean 0.5698 ± 0.0005
Sigma 0.03896 ± 0.00026
ADC-ped

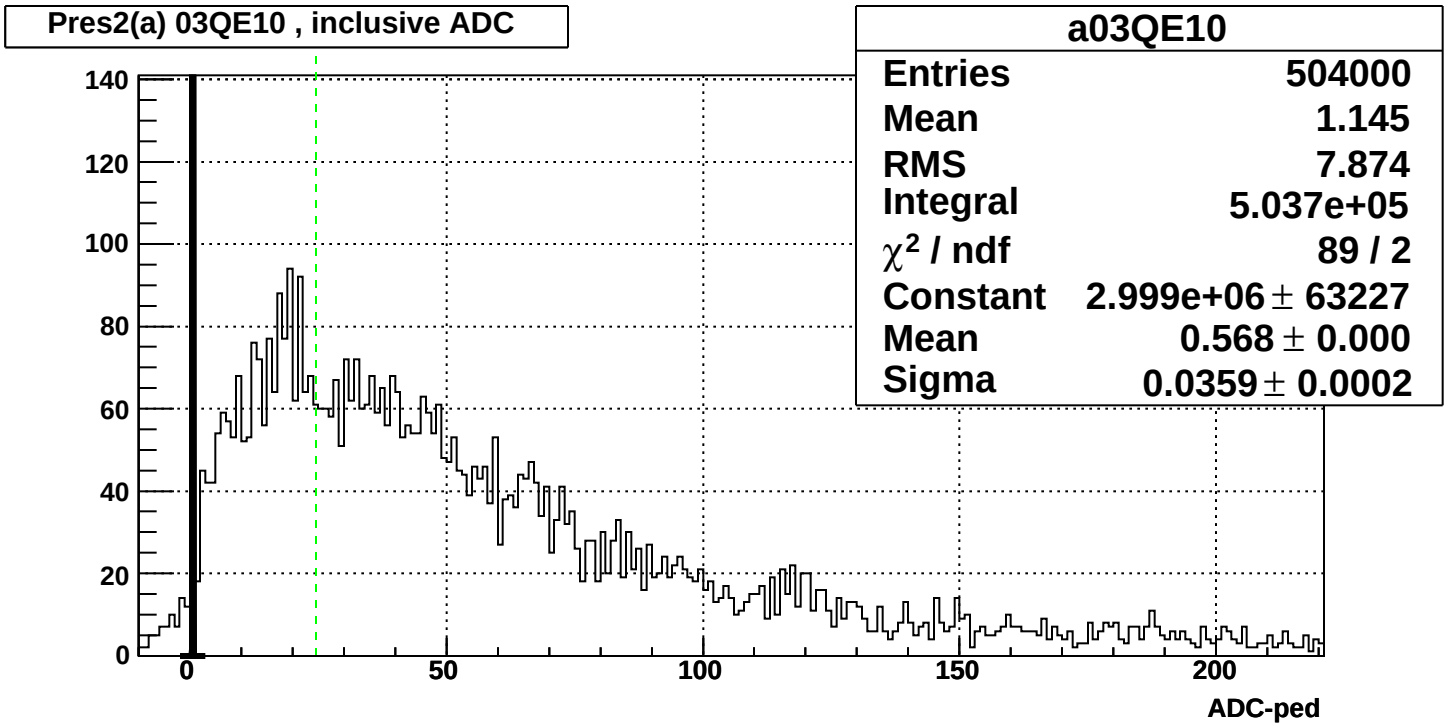

Pres2(d) 03QB10 , ADC, tag: UxV 2*thr
d03QB10
Entries 74
Mean 35.08
RMS 26.89
Integral 74
χ² / ndf 20.77 / 16
ampl-G 3.828 ± 1.778
const-L 35.31 ± 8.72
MPV-L 22.24 ± 2.51
sig-L 6.723 ± 1.816
ADC-ped

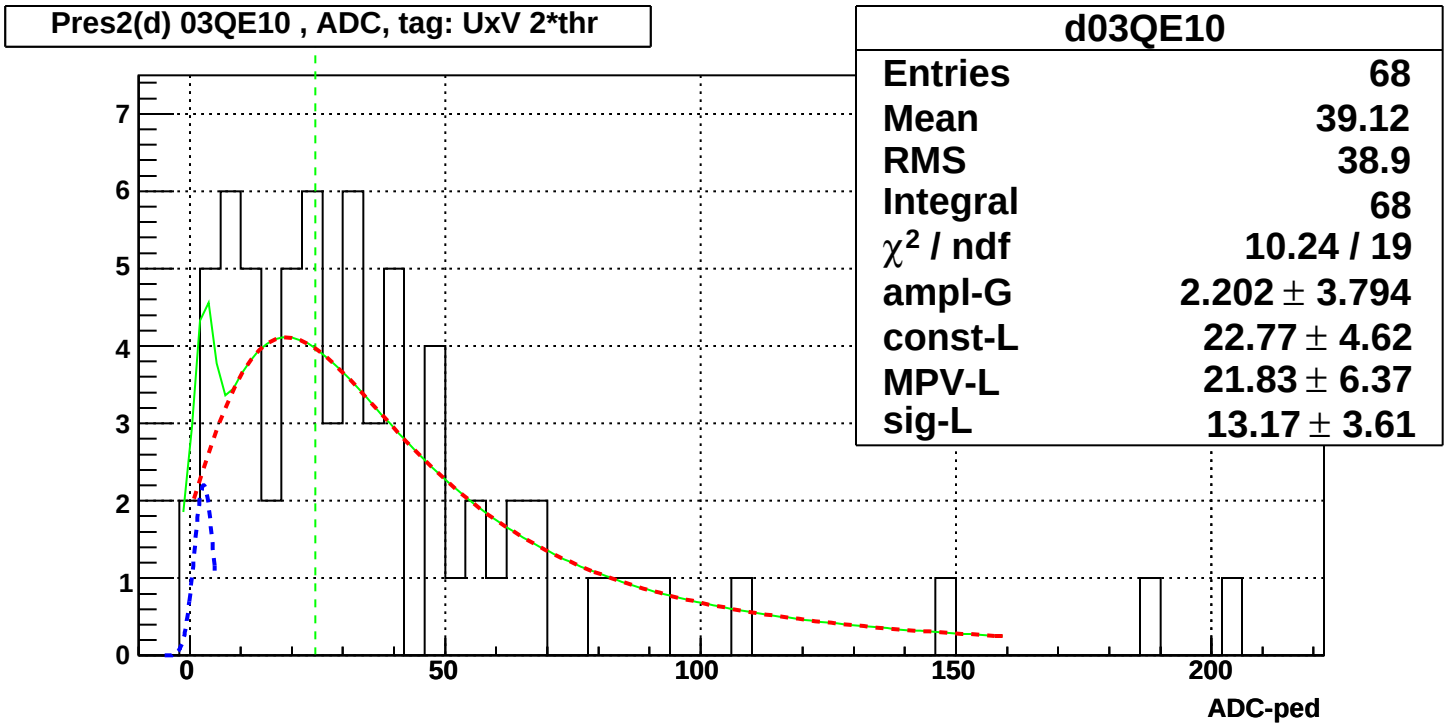

Pres2(a) 03QC10 , inclusive ADC
a03QC10
Entries 504000
Mean 1.138
RMS 7.845
Integral 5.036e+05
χ² / ndf 124 / 2
Constant 2.609e+06 ± 55018
Mean 0.5694 ± 0.0004
Sigma 0.03814 ± 0.00024
ADC-ped

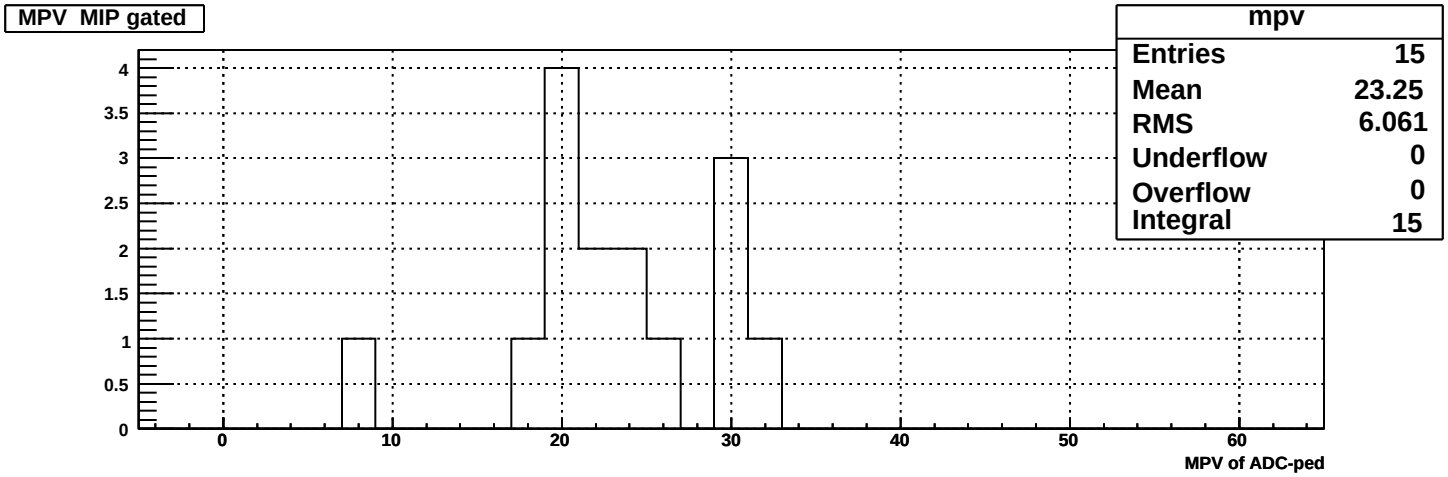

Pres2(d) 03QC10 , ADC, tag: UxV 2*thr
d03QC10
Entries 86
Mean 34.79
RMS 22.41
Integral 86
χ² / ndf 11.89 / 17
ampl-G -2.456 ± 2.913
const-L 36.1 ± 6.6
MPV-L 21.09 ± 4.61
sig-L 11.06 ± 3.06
ADC-ped

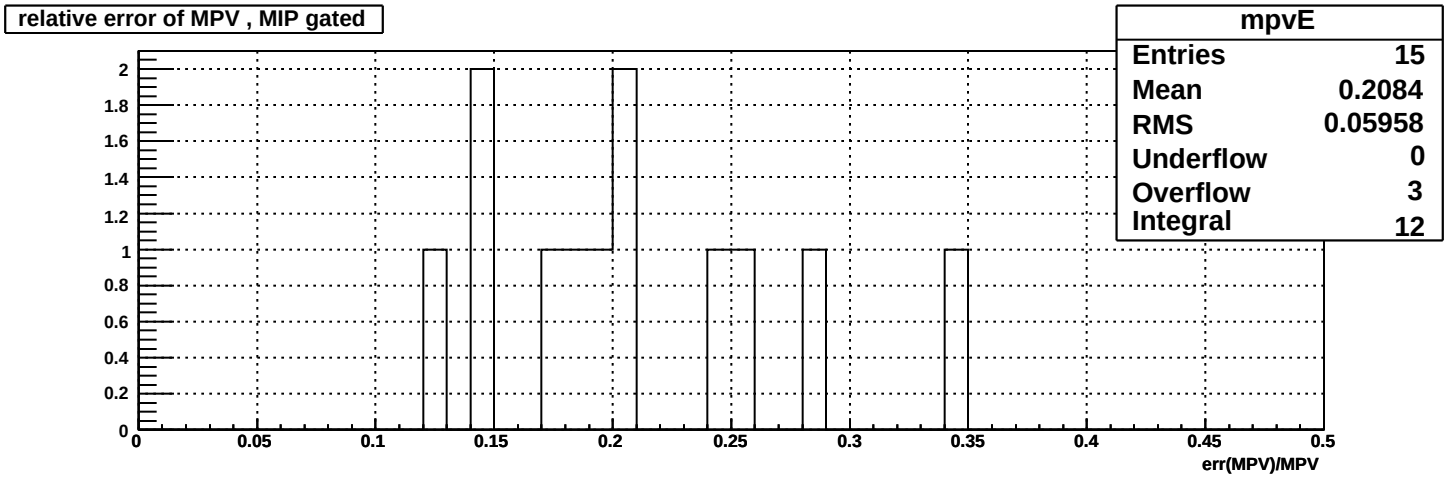

Pres2(a) 03QD10 , inclusive ADC
a03QD10
Entries 504000
Mean 1.143
RMS 7.771
Integral 5.036e+05
χ² / ndf 91 / 2
Constant 2.858e+06 ± 60285
Mean 0.5685 ± 0.0004
Sigma 0.03662 ± 0.00022
ADC-ped

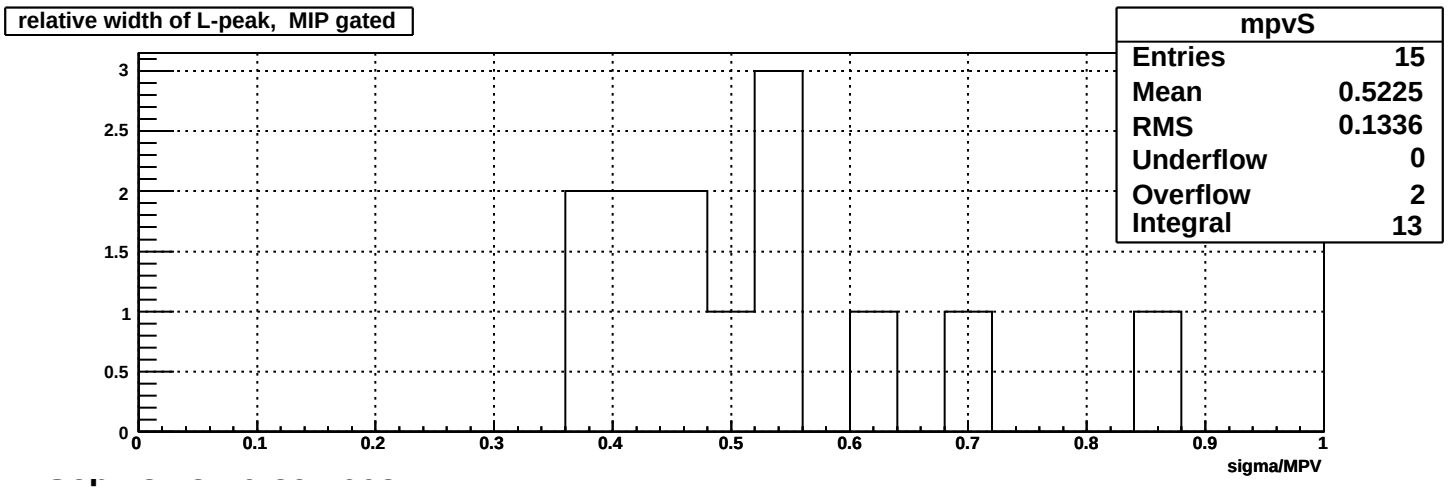

Pres2(d) 03QD10 , ADC, tag: UxV 2*thr
d03QD10
Entries 80
Mean 33.32
RMS 25.1
Integral 79
χ² / ndf 7.515 / 15
ampl-G 3.761 ± 1.904
const-L 41.23 ± 7.90
MPV-L 23.67 ± 2.14
sig-L 7.815 ± 1.590
ADC-ped


Pres2(a) 03QE10 , inclusive ADC
a03QE10
Entries 504000
Mean 1.145
RMS 7.874
Integral 5.037e+05
χ² / ndf 89 / 2
Constant 2.999e+06 ± 63227
Mean 0.568 ± 0.000
Sigma 0.0359 ± 0.0002
ADC-ped


Pres2(d) 03QE10 , ADC, tag: UxV 2*thr
d03QE10
Entries 68
Mean 39.12
RMS 38.9
Integral 68
χ² / ndf 10.24 / 19
ampl-G 2.202 ± 3.794
const-L 22.77 ± 4.62
MPV-L 21.83 ± 6.37
sig-L 13.17 ± 3.61
ADC-ped


MPV MIP gated
mpv
Entries 15
Mean 23.25
RMS 6.061
Underflow 0
Overflow 0
Integral 15
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 15
Mean 0.2084
RMS 0.05958
Underflow 0
Overflow 3
Integral 12
err(MPV)/MPV


relative width of L-peak, MIP gated
mpvS
Entries 15
Mean 0.5225
RMS 0.1336
Underflow 0
Overflow 2
Integral 13
sigma/MPV