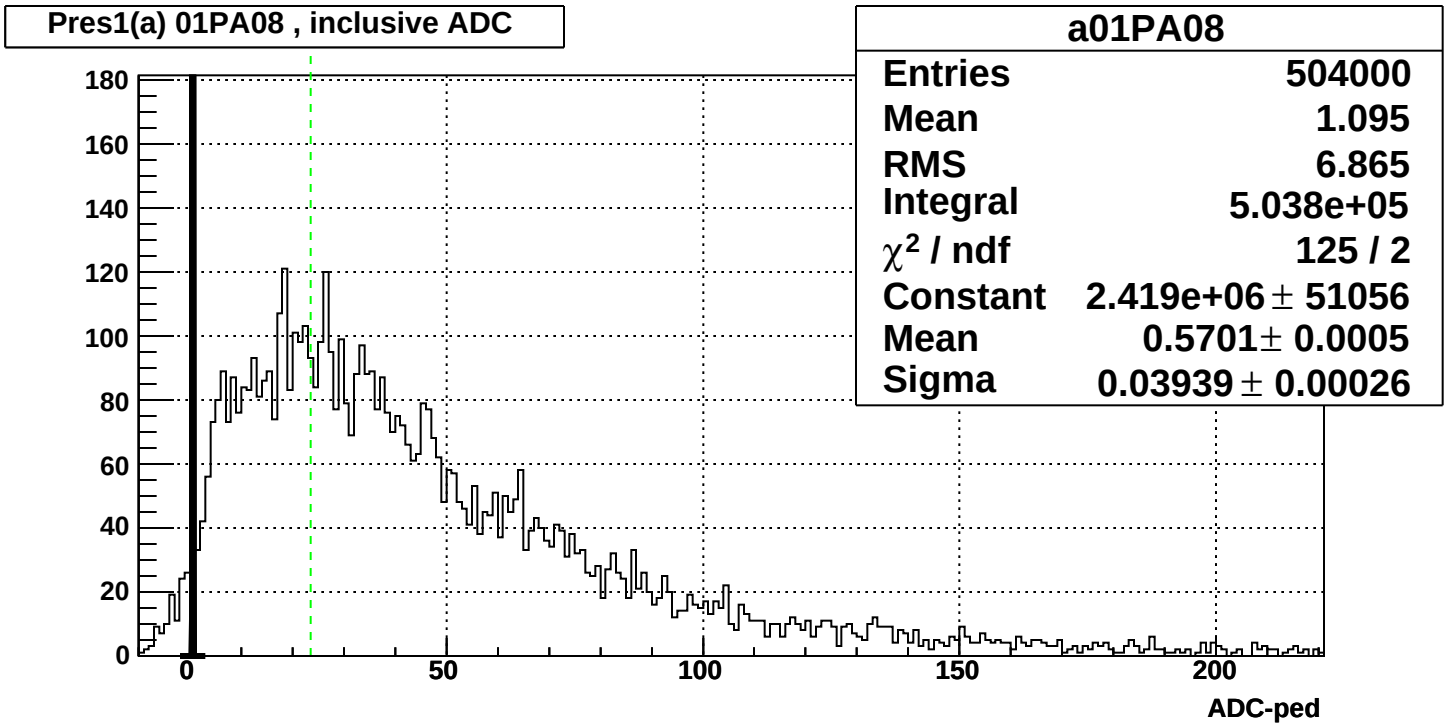
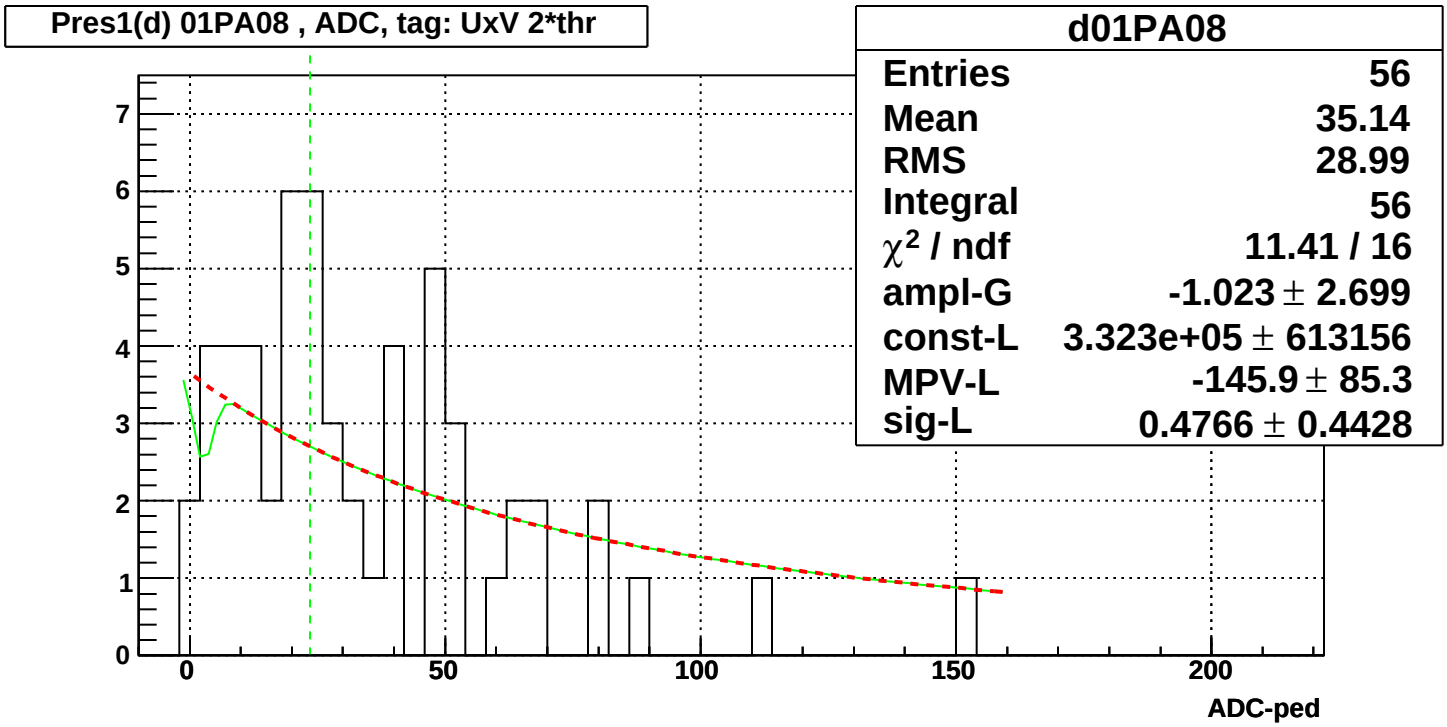
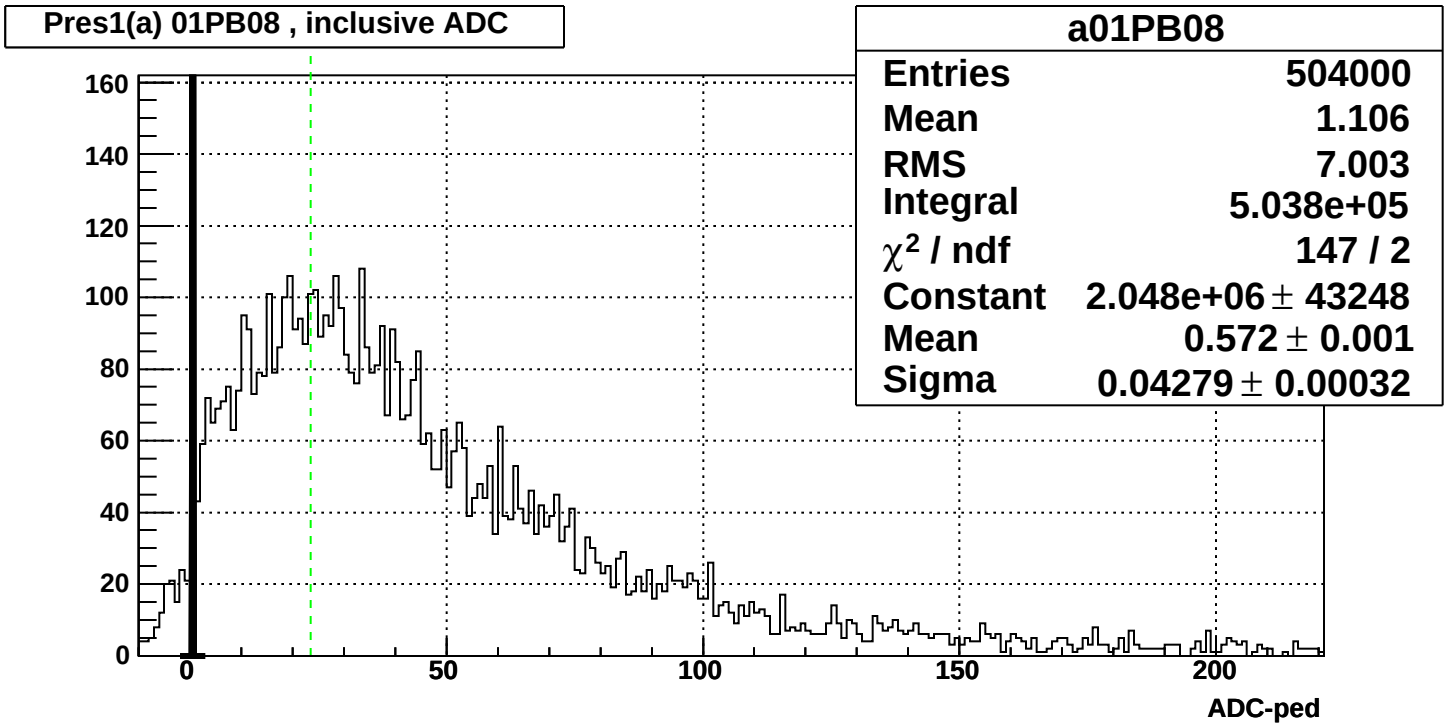
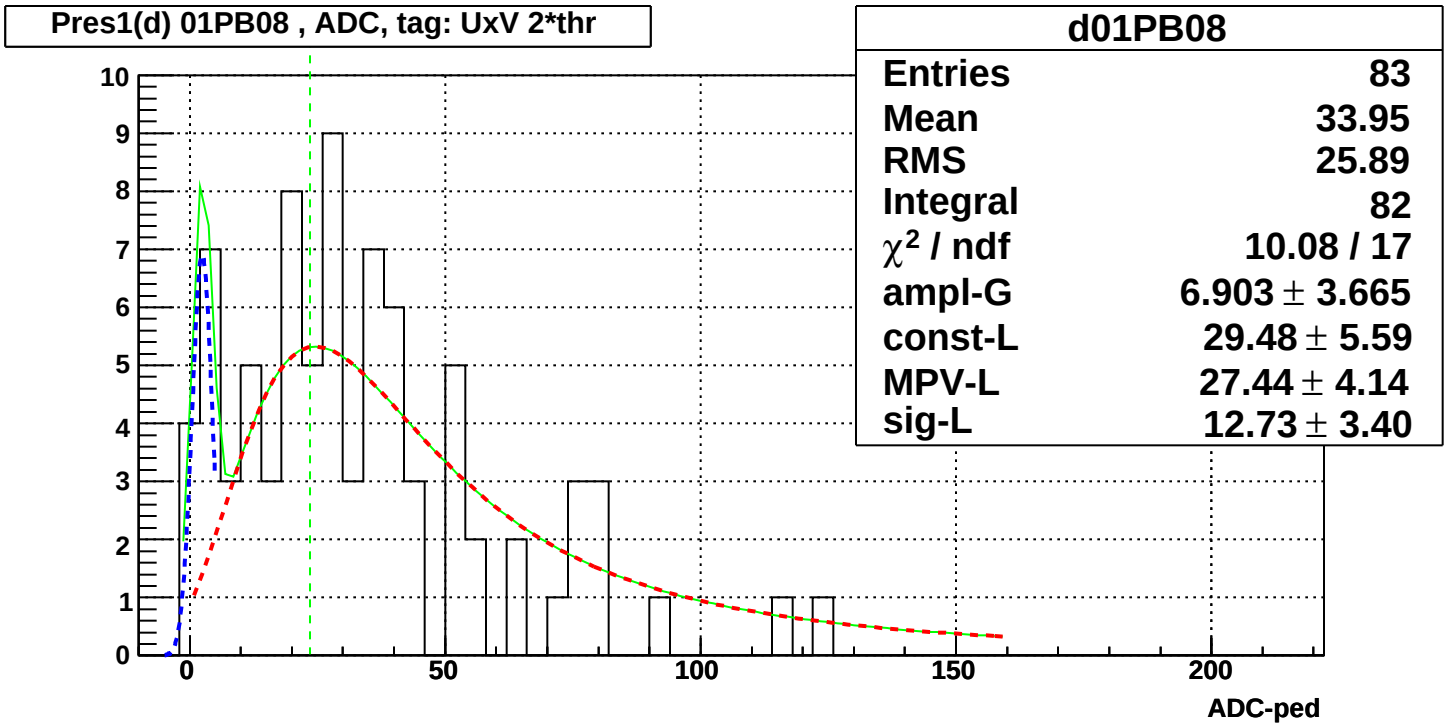
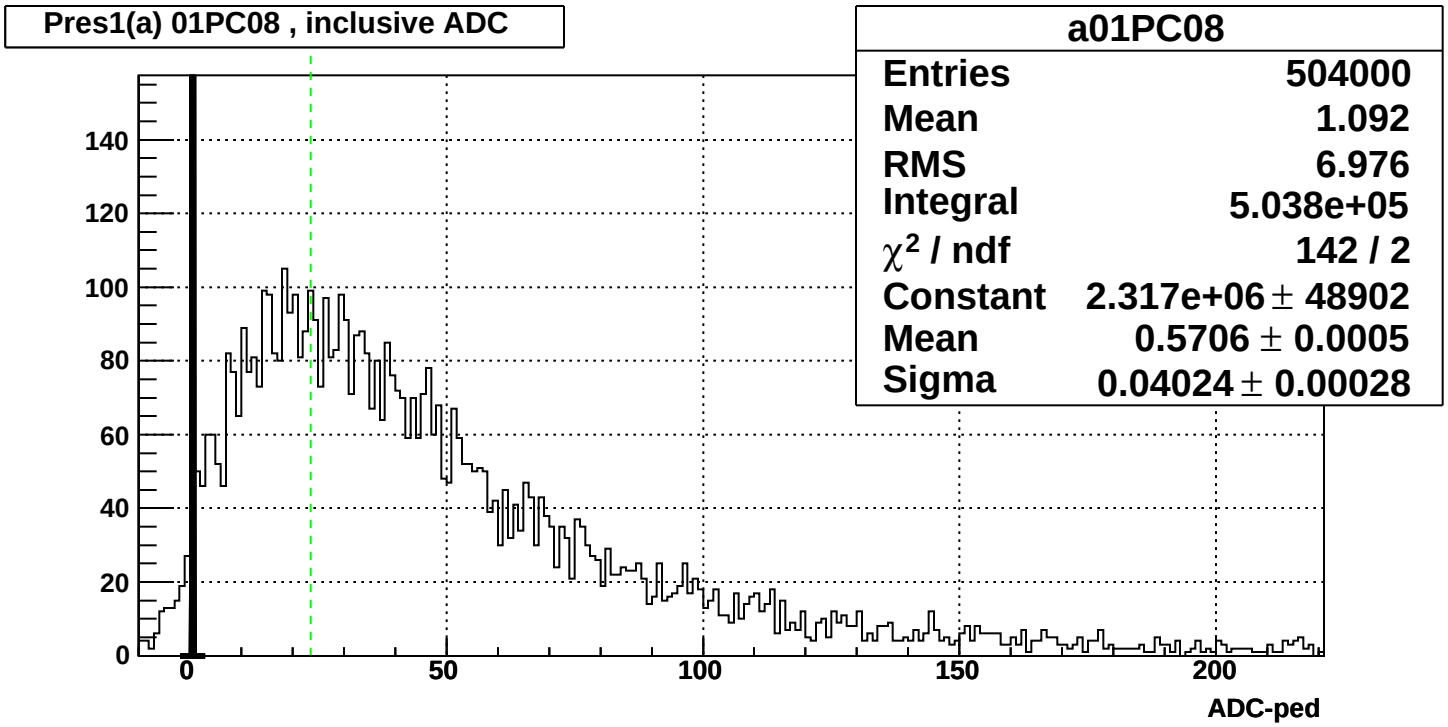
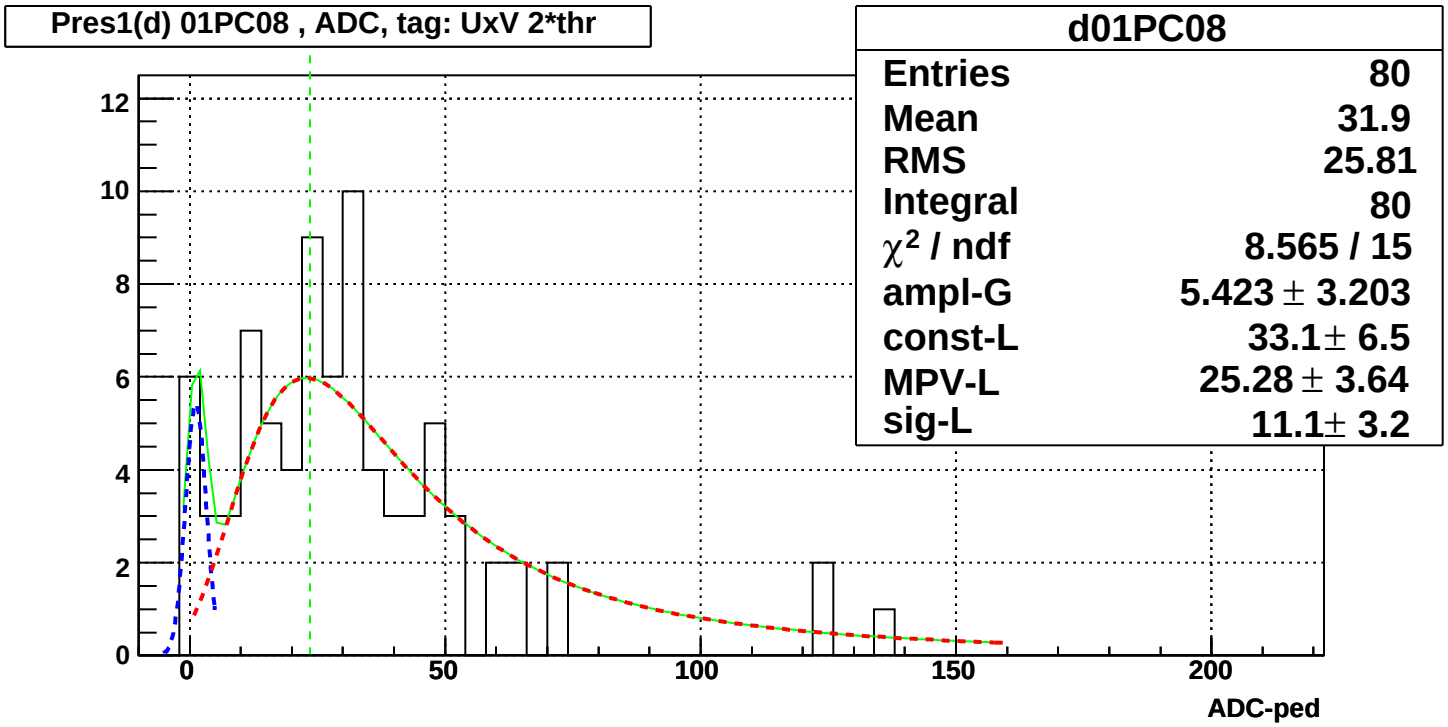

Pres1(a) 01PA08 , inclusive ADC
a01PA08
Entries 504000
Mean 1.095
RMS 6.865
Integral 5.038e+05
χ² / ndf 125 / 2
Constant 2.419e+06 ± 51056
Mean 0.5701 ± 0.0005
Sigma 0.03939 ± 0.00026
ADC-ped

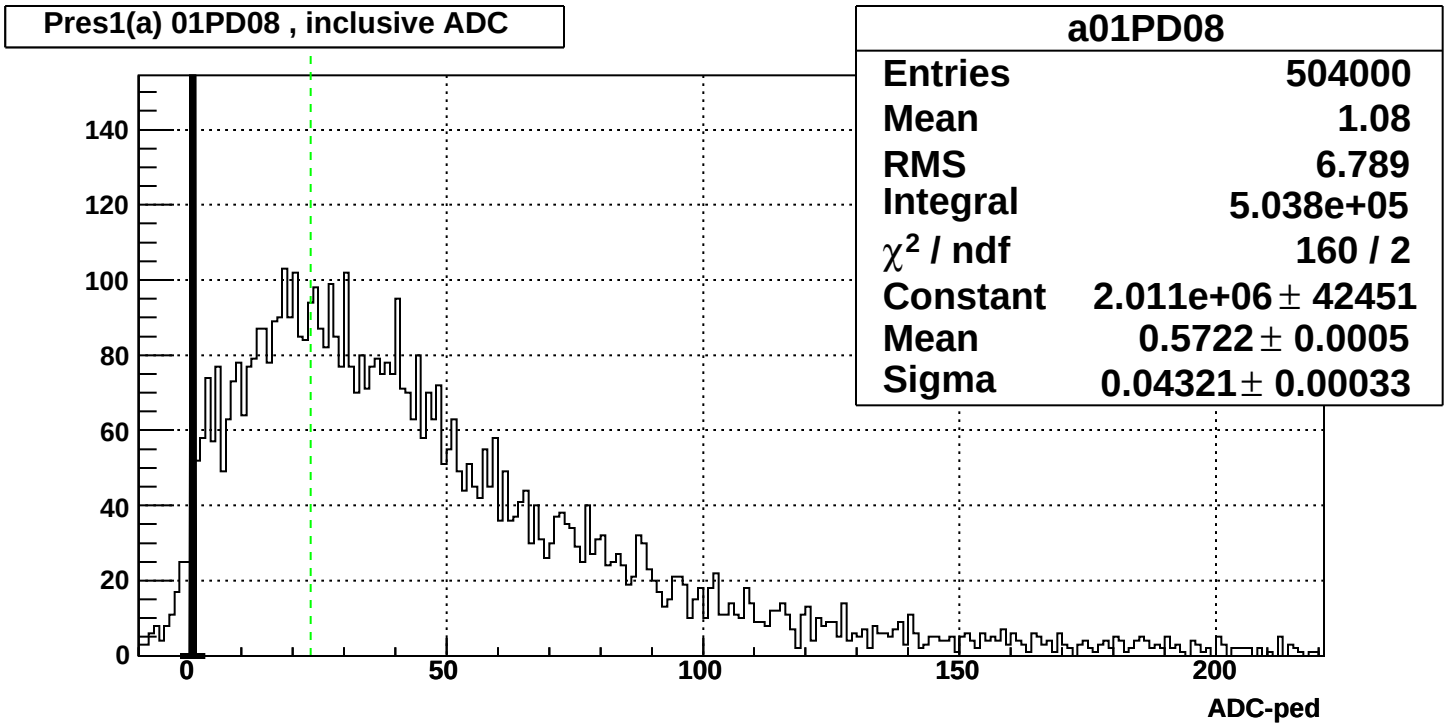

Pres1(d) 01PA08 , ADC, tag: UxV 2*thr
d01PA08
Entries 56
Mean 35.14
RMS 28.99
Integral 56
χ² / ndf 11.41 / 16
ampl-G -1.023 ± 2.699
const-L 3.323e+05 ± 613156
MPV-L -145.9 ± 85.3
sig-L 0.4766 ± 0.4428
ADC-ped

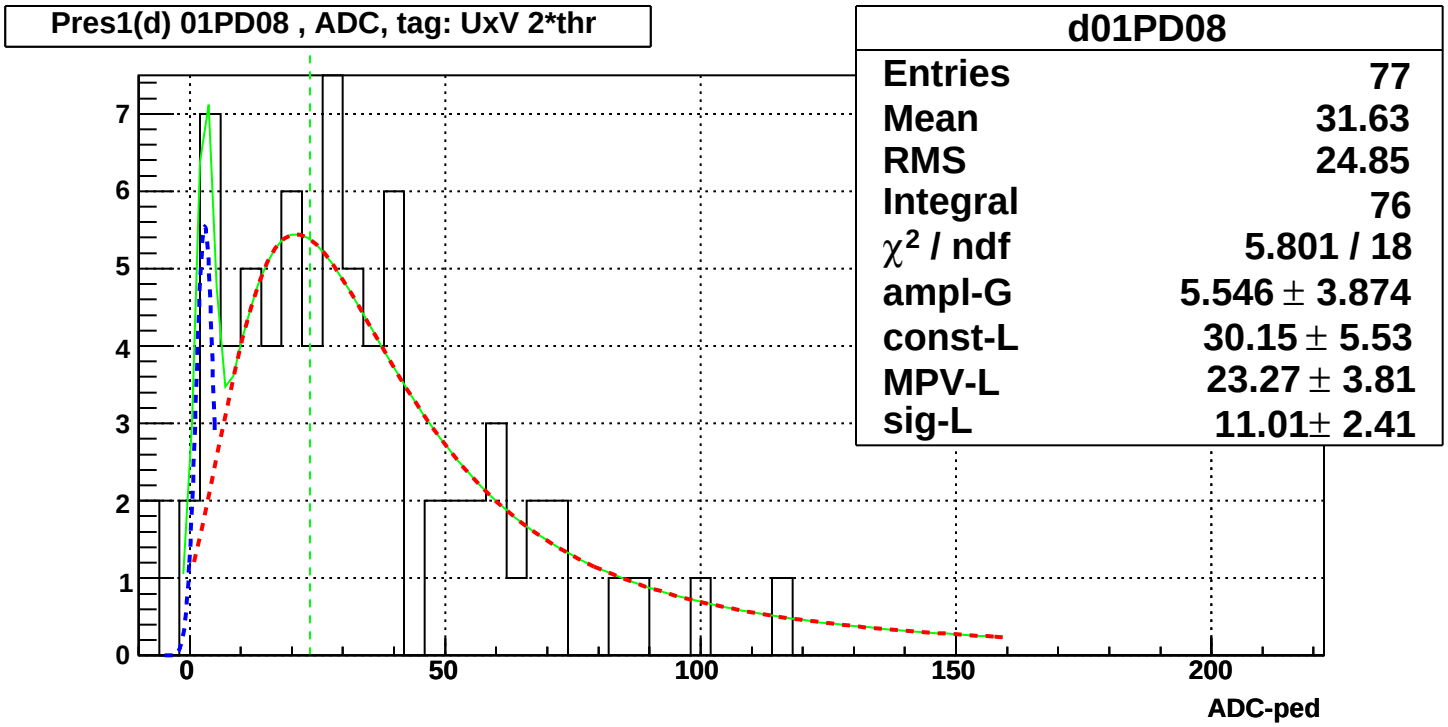

Pres1(a) 01PB08 , inclusive ADC
a01PB08
Entries 504000
Mean 1.106
RMS 7.003
Integral 5.038e+05
χ² / ndf 147 / 2
Constant 2.048e+06 ± 43248
Mean 0.572 ± 0.001
Sigma 0.04279 ± 0.00032
ADC-ped

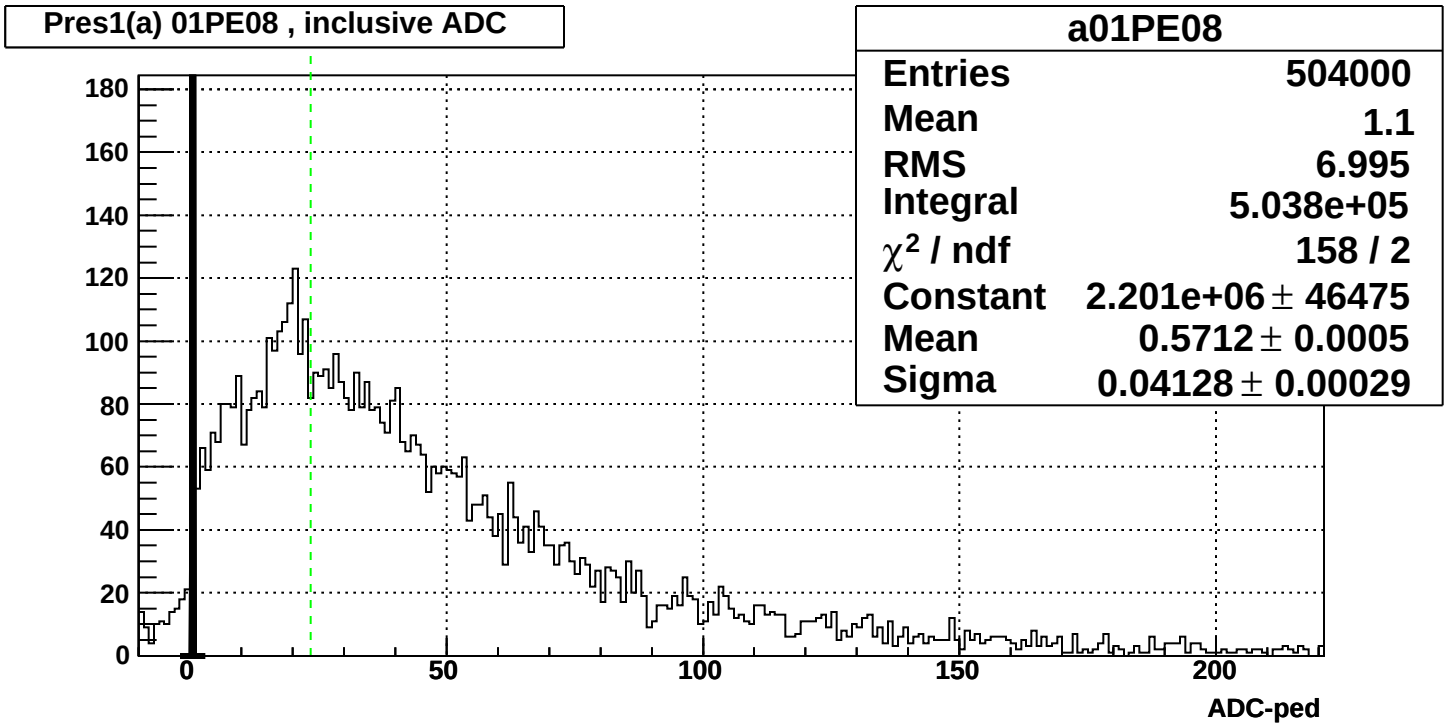

Pres1(d) 01PB08 , ADC, tag: UxV 2*thr
d01PB08
Entries 83
Mean 33.95
RMS 25.89
Integral 82
χ² / ndf 10.08 / 17
ampl-G 6.903 ± 3.665
const-L 29.48 ± 5.59
MPV-L 27.44 ± 4.14
sig-L 12.73 ± 3.40
ADC-ped

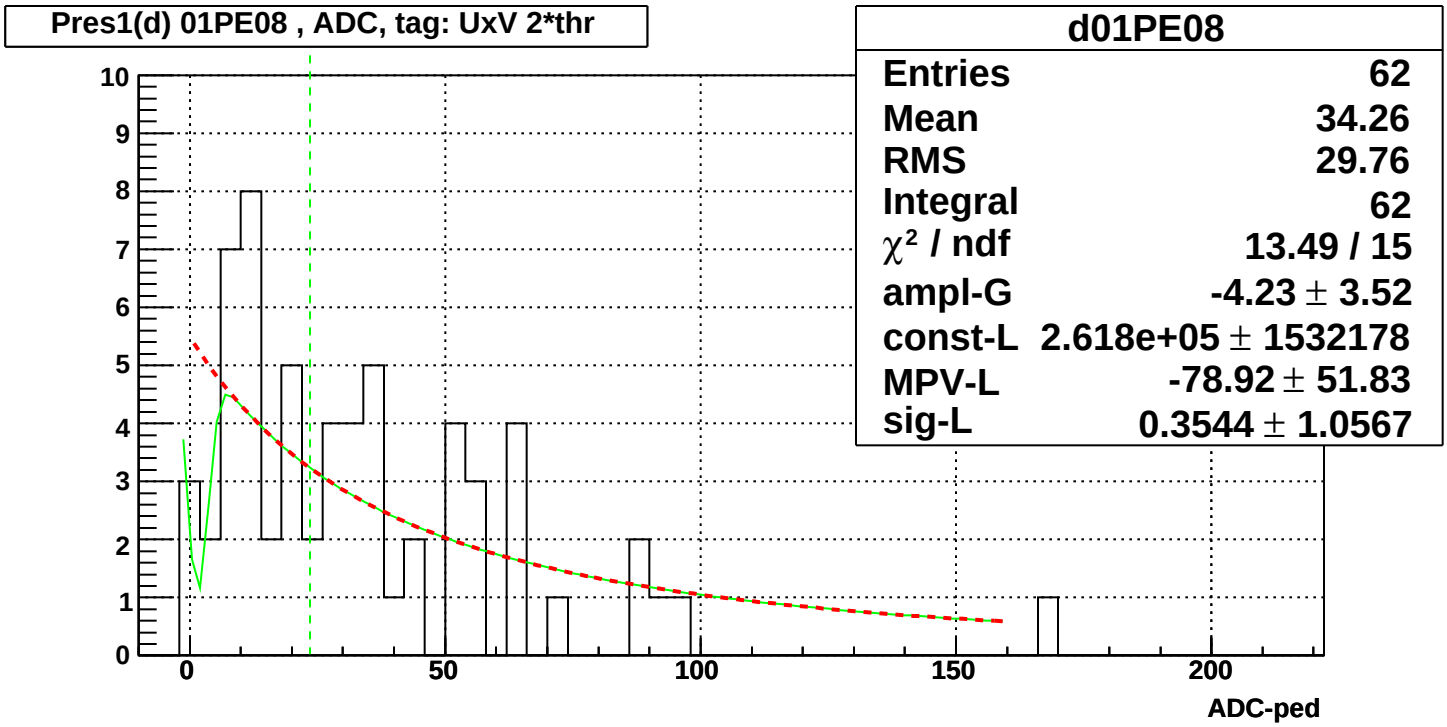

Pres1(a) 01PC08 , inclusive ADC
a01PC08
Entries 504000
Mean 1.092
RMS 6.976
Integral 5.038e+05
χ² / ndf 142 / 2
Constant 2.317e+06 ± 48902
Mean 0.5706 ± 0.0005
Sigma 0.04024 ± 0.00028
ADC-ped

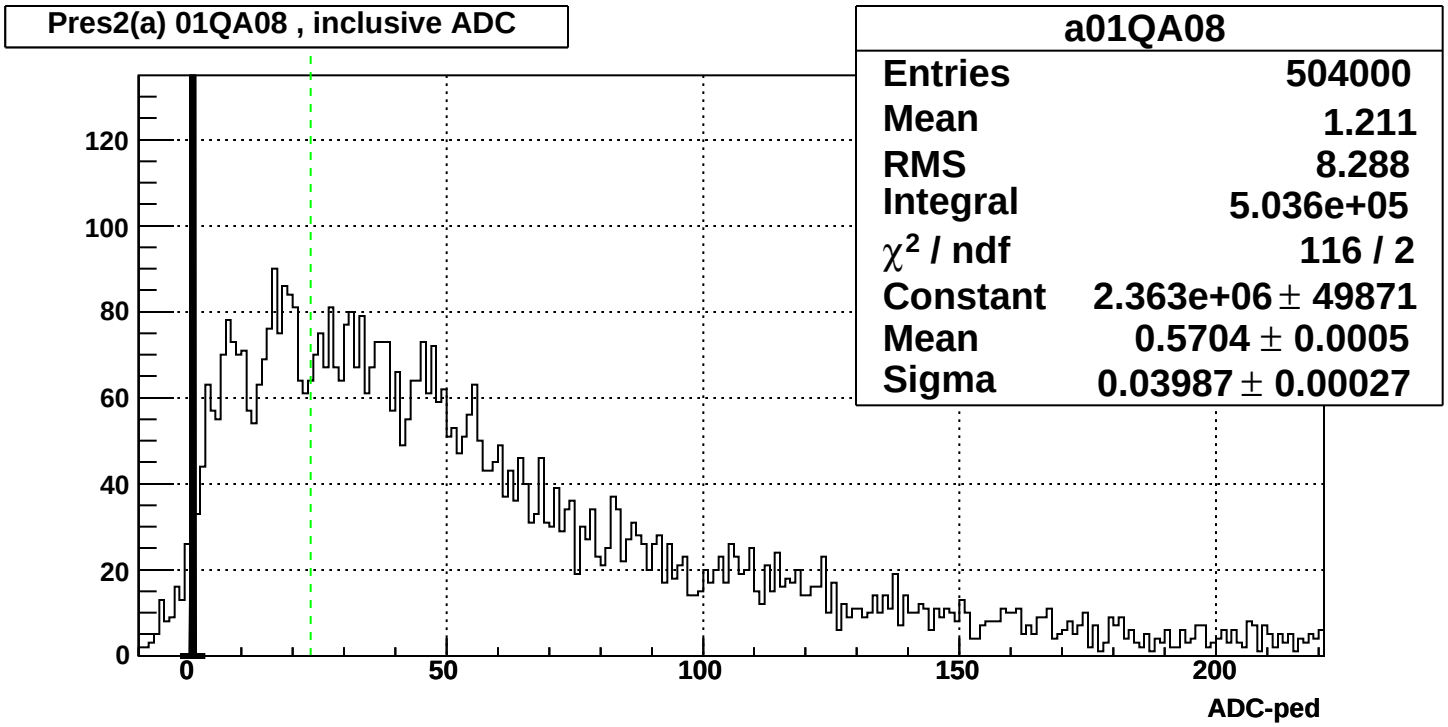

Pres1(d) 01PC08 , ADC, tag: UxV 2*thr
d01PC08
Entries 80
Mean 31.9
RMS 25.81
Integral 80
χ² / ndf 8.565 / 15
ampl-G 5.423 ± 3.203
const-L 33.1± 6.5
MPV-L 25.28 ± 3.64
sig-L 11.1± 3.2
ADC-ped

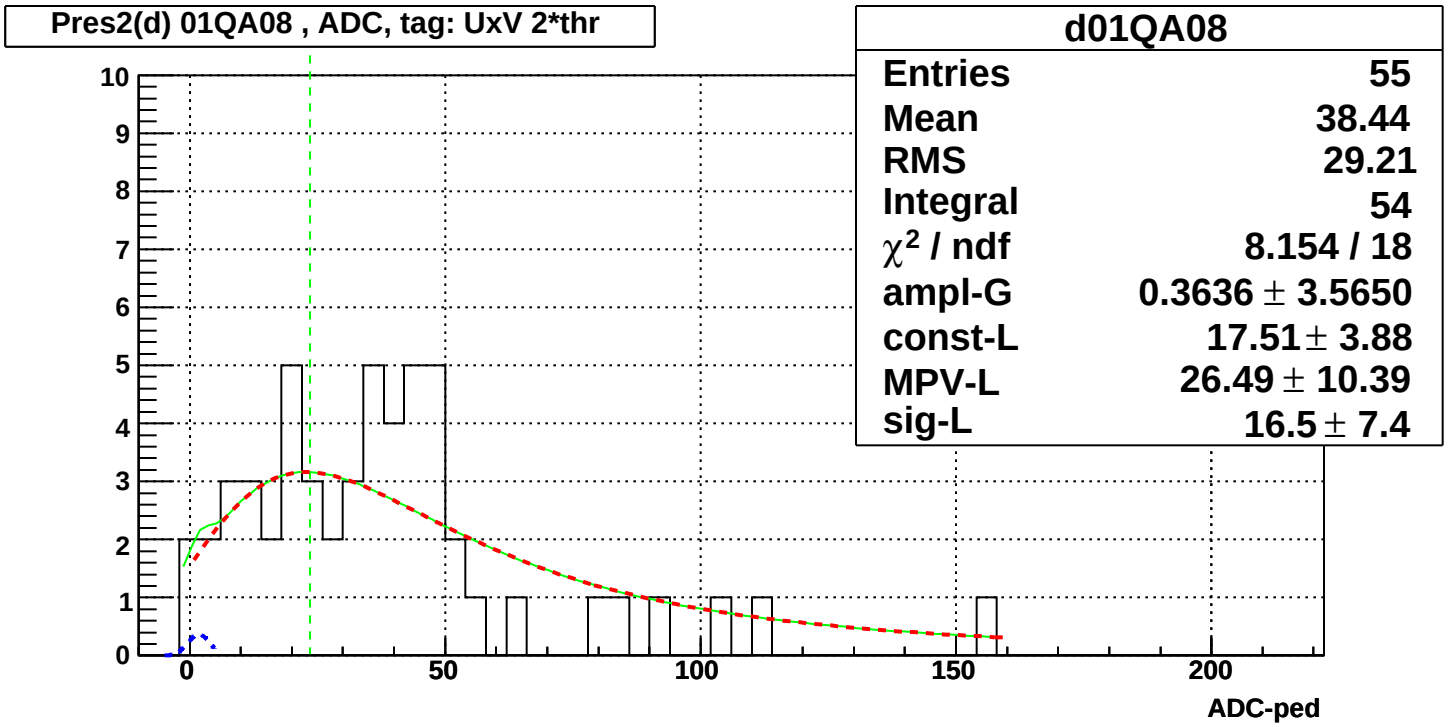

Pres1(a) 01PD08 , inclusive ADC
a01PD08
Entries 504000
Mean 1.08
RMS 6.789
Integral 5.038e+05
χ² / ndf 160 / 2
Constant 2.011e+06 ± 42451
Mean 0.5722 ± 0.0005
Sigma 0.04321 ± 0.00033
ADC-ped

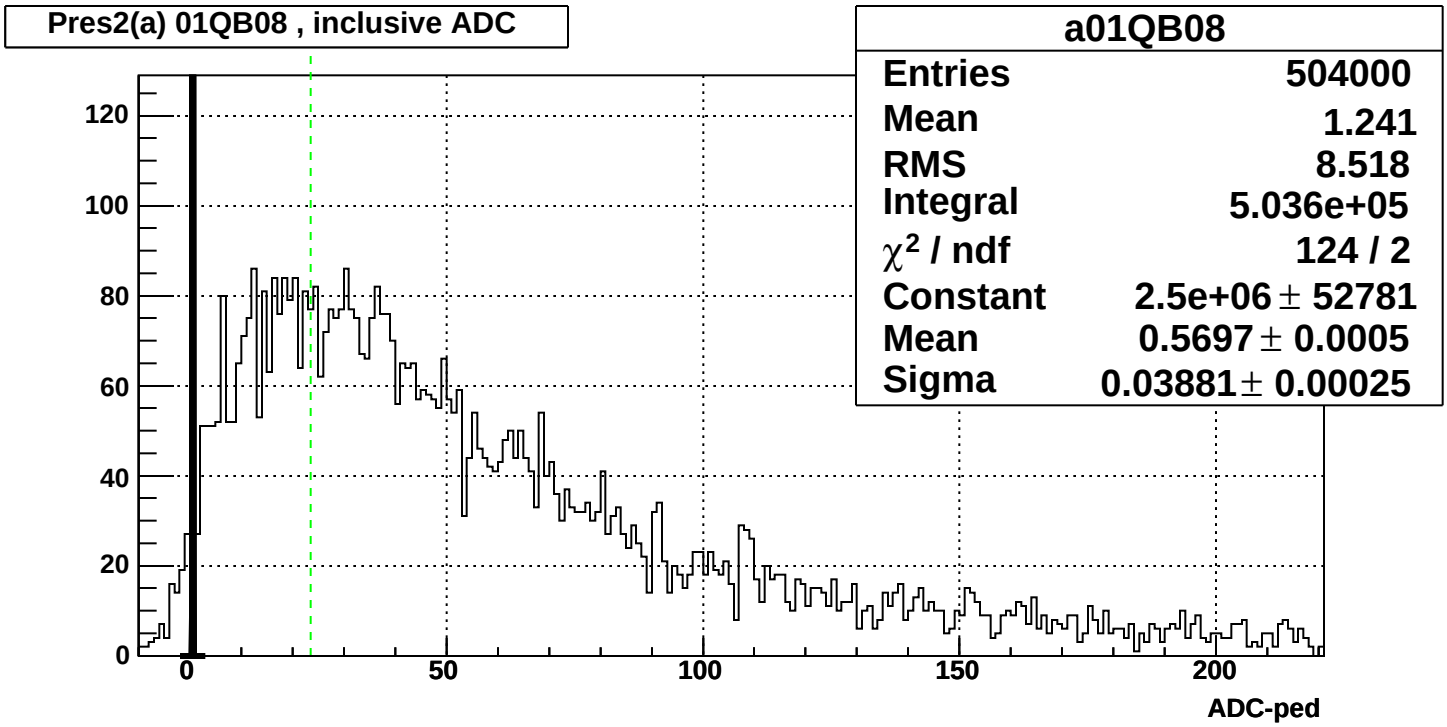

Pres1(d) 01PD08 , ADC, tag: UxV 2*thr
d01PD08
Entries 77
Mean 31.63
RMS 24.85
Integral 76
χ² / ndf 5.801 / 18
ampl-G 5.546 ± 3.874
const-L 30.15 ± 5.53
MPV-L 23.27 ± 3.81
sig-L 11.01 ± 2.41
ADC-ped

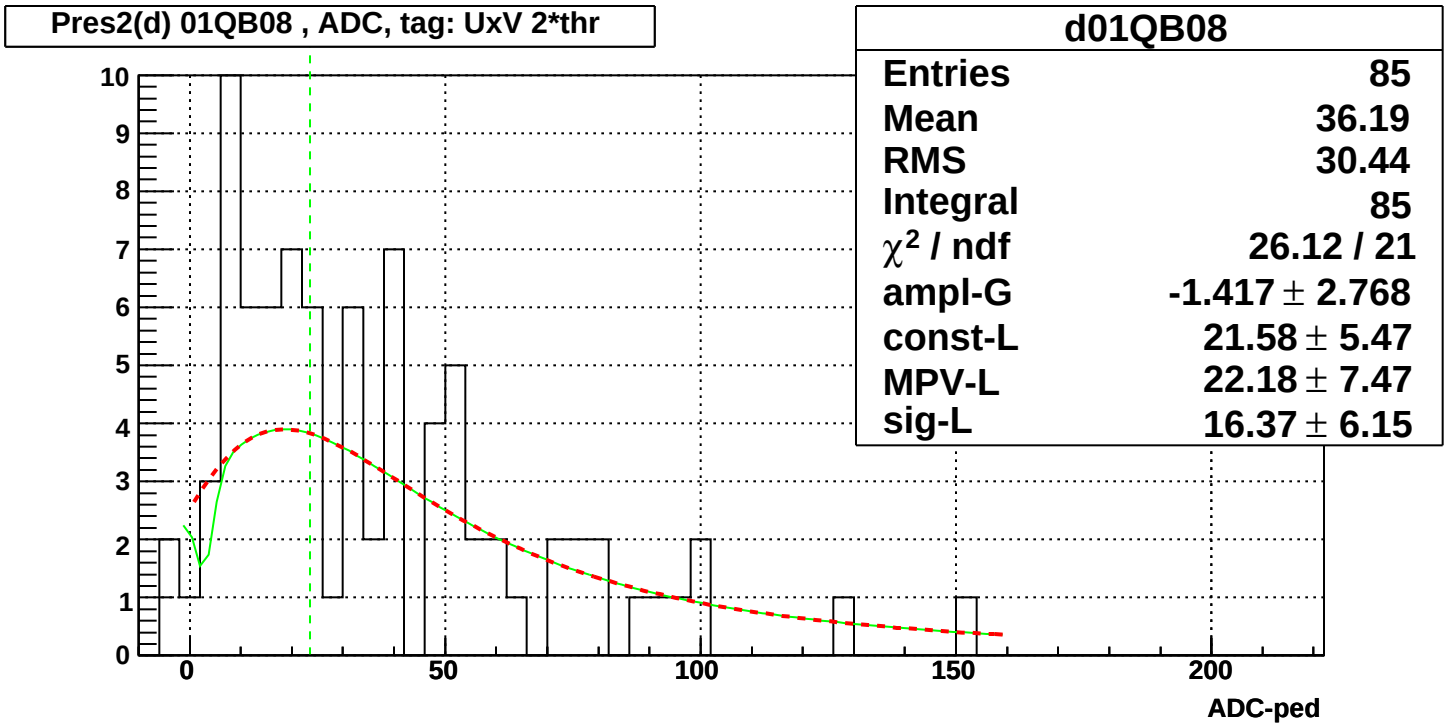

Pres1(a) 01PE08 , inclusive ADC
a01PE08
Entries 504000
Mean 1.1
RMS 6.995
Integral 5.038e+05
χ² / ndf 158 / 2
Constant 2.201e+06 ± 46475
Mean 0.5712 ± 0.0005
Sigma 0.04128 ± 0.00029
ADC-ped

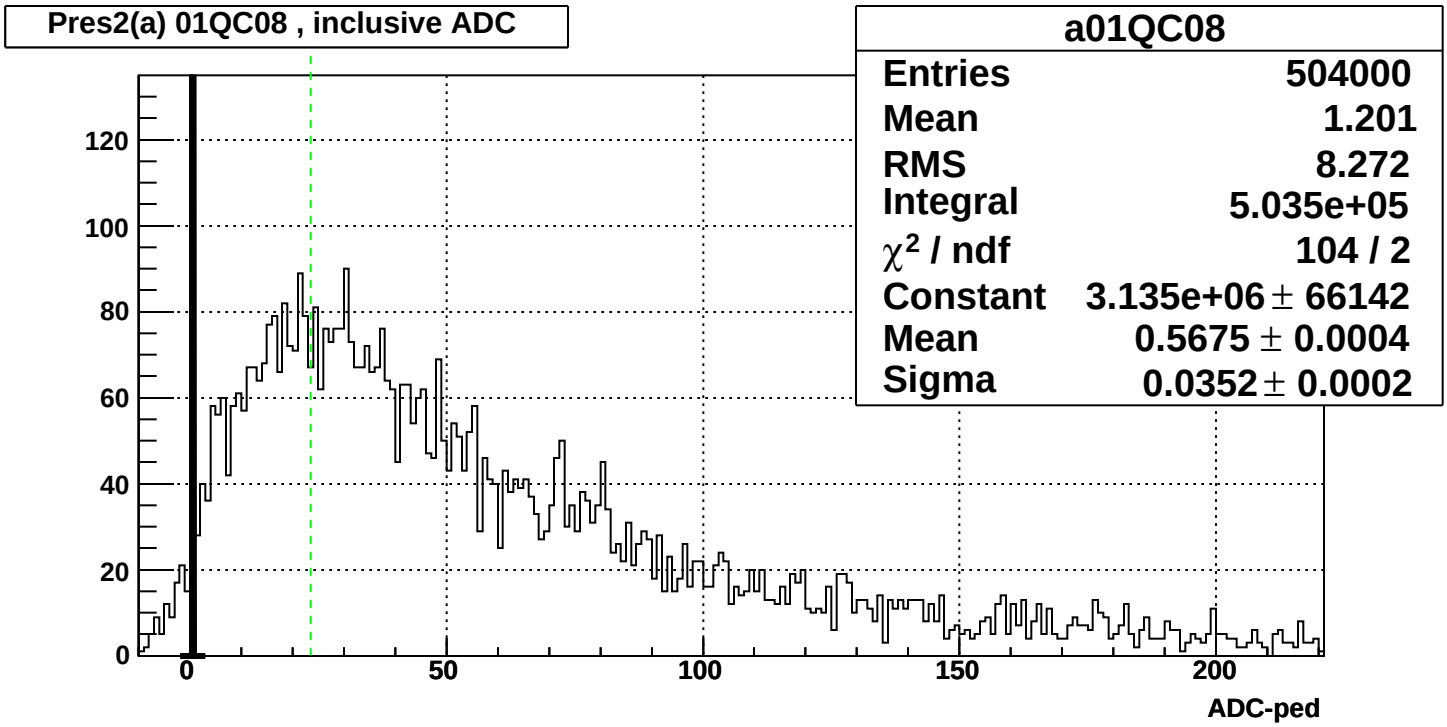

Pres1(d) 01PE08 , ADC, tag: UxV 2*thr
d01PE08
Entries 62
Mean 34.26
RMS 29.76
Integral 62
χ² / ndf 13.49 / 15
ampl-G -4.23 ± 3.52
const-L 2.618e+05 ± 1532178
MPV-L -78.92 ± 51.83
sig-L 0.3544 ± 1.0567
ADC-ped

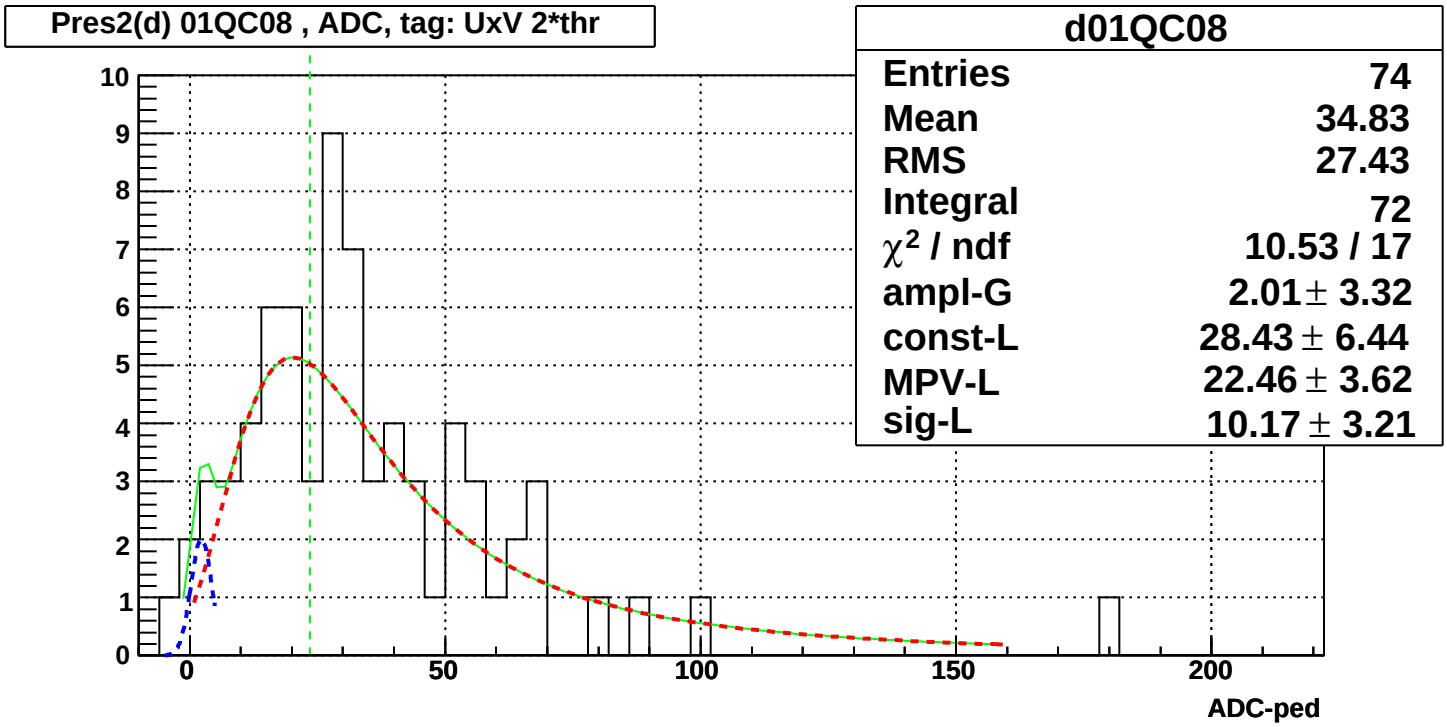

Pres2(a) 01QA08 , inclusive ADC
a01QA08
Entries 504000
Mean 1.211
RMS 8.288
Integral 5.036e+05
χ² / ndf 116 / 2
Constant 2.363e+06 ± 49871
Mean 0.5704 ± 0.0005
Sigma 0.03987 ± 0.00027
ADC-ped

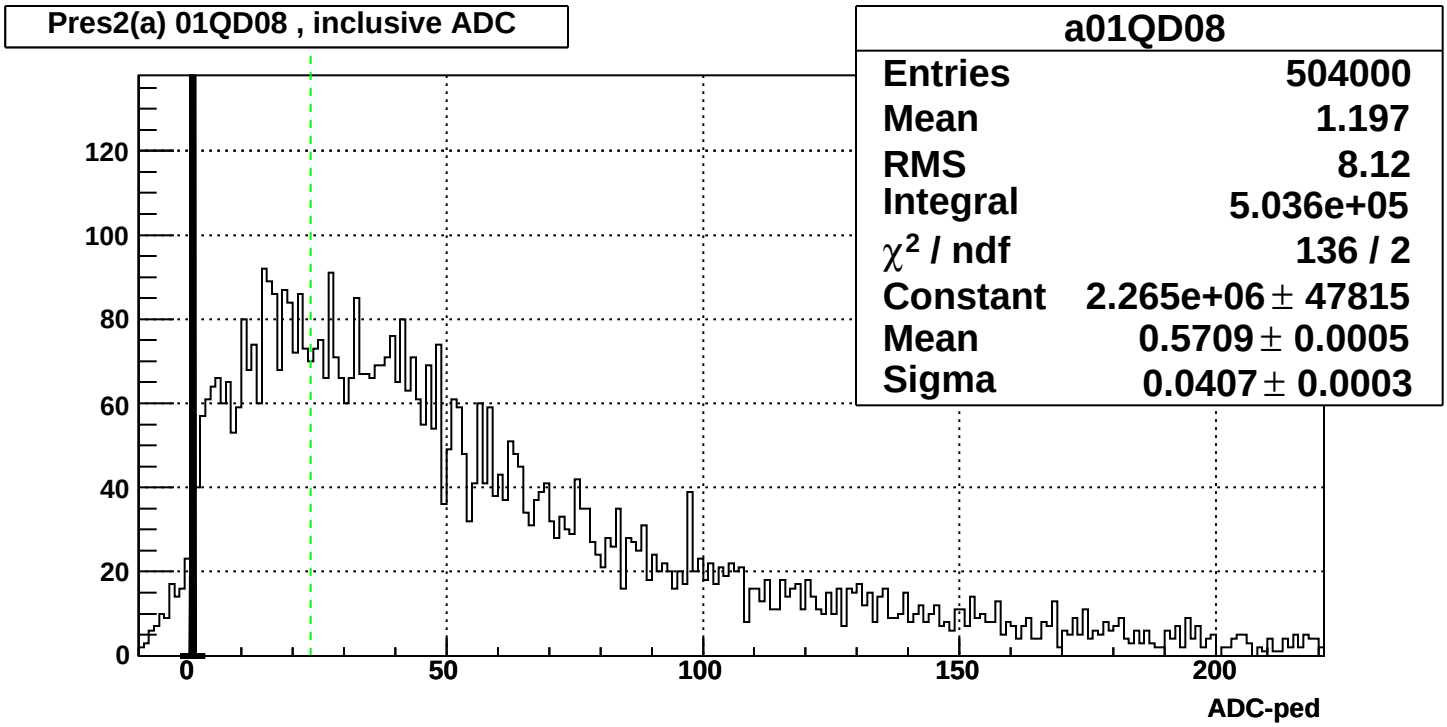

Pres2(d) 01QA08 , ADC, tag: UxV 2*thr
d01QA08
Entries 55
Mean 38.44
RMS 29.21
Integral 54
χ² / ndf 8.154 / 18
ampl-G 0.3636 ± 3.5650
const-L 17.51 ± 3.88
MPV-L 26.49 ± 10.39
sig-L 16.5 ± 7.4
ADC-ped

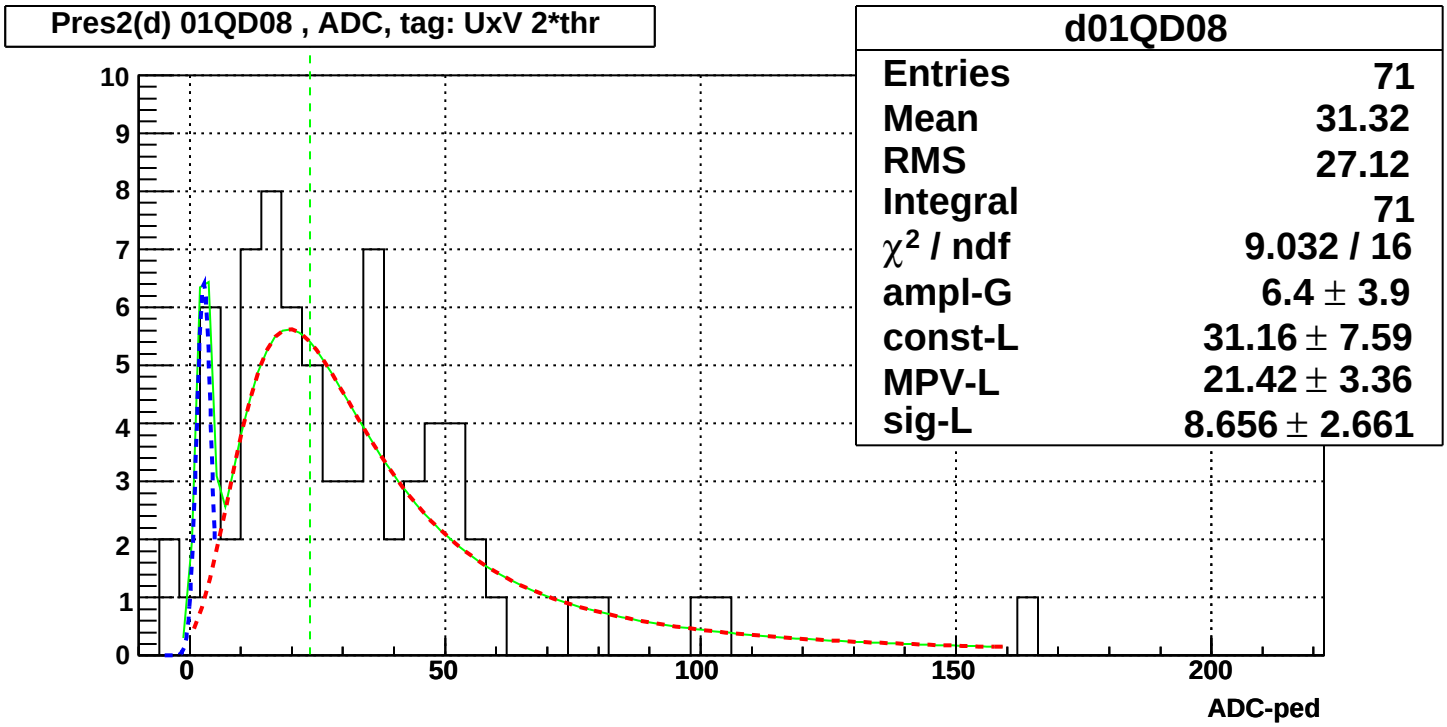

Pres2(a) 01QB08 , inclusive ADC
a01QB08
Entries 504000
Mean 1.241
RMS 8.518
Integral 5.036e+05
χ² / ndf 124 / 2
Constant 2.5e+06 ± 52781
Mean 0.5697 ± 0.0005
Sigma 0.03881 ± 0.00025
ADC-ped

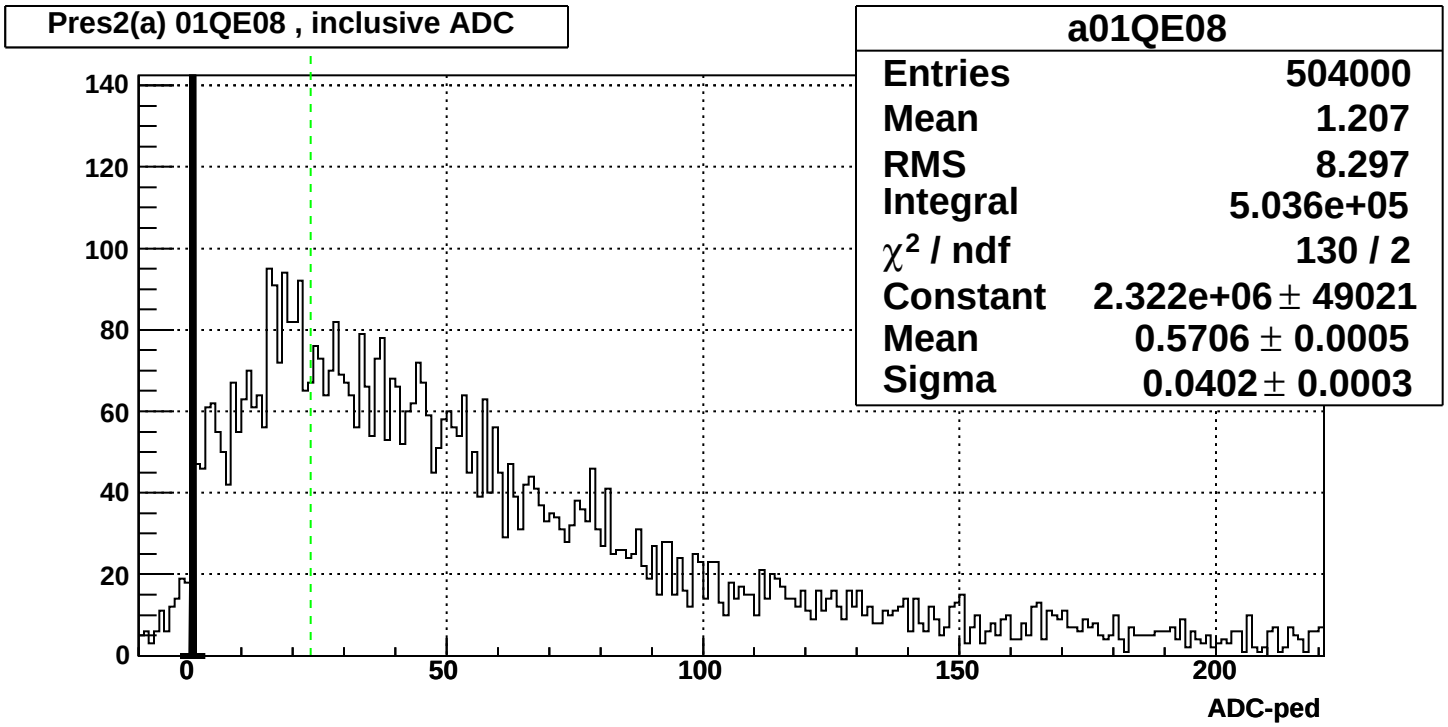

Pres2(d) 01QB08 , ADC, tag: UxV 2*thr
d01QB08
Entries 85
Mean 36.19
RMS 30.44
Integral 85
χ² / ndf 26.12 / 21
ampl-G -1.417 ± 2.768
const-L 21.58 ± 5.47
MPV-L 22.18 ± 7.47
sig-L 16.37 ± 6.15
ADC-ped

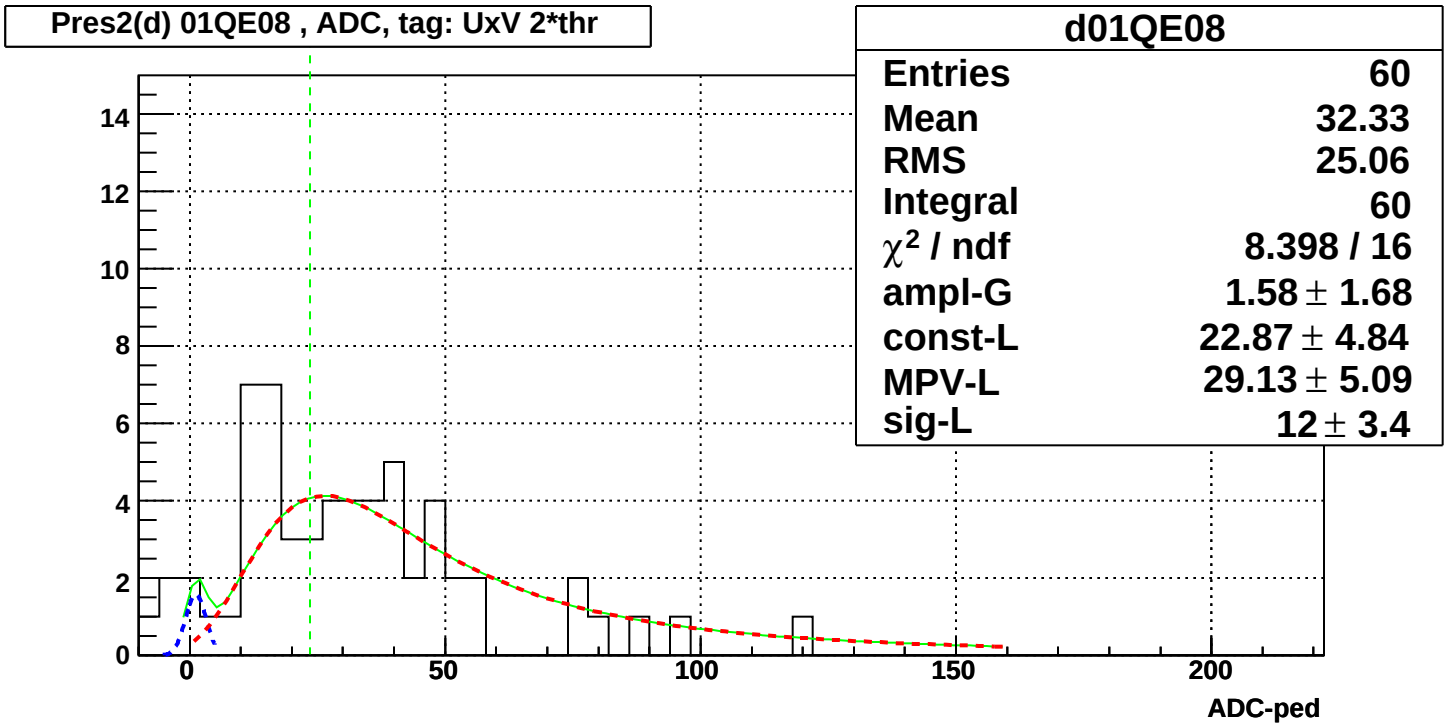

Pres2(a) 01QC08 , inclusive ADC
a01QC08
Entries 504000
Mean 1.201
RMS 8.272
Integral 5.035e+05
χ² / ndf 104 / 2
Constant 3.135e+06 ± 66142
Mean 0.5675 ± 0.0004
Sigma 0.0352 ± 0.0002
ADC-ped

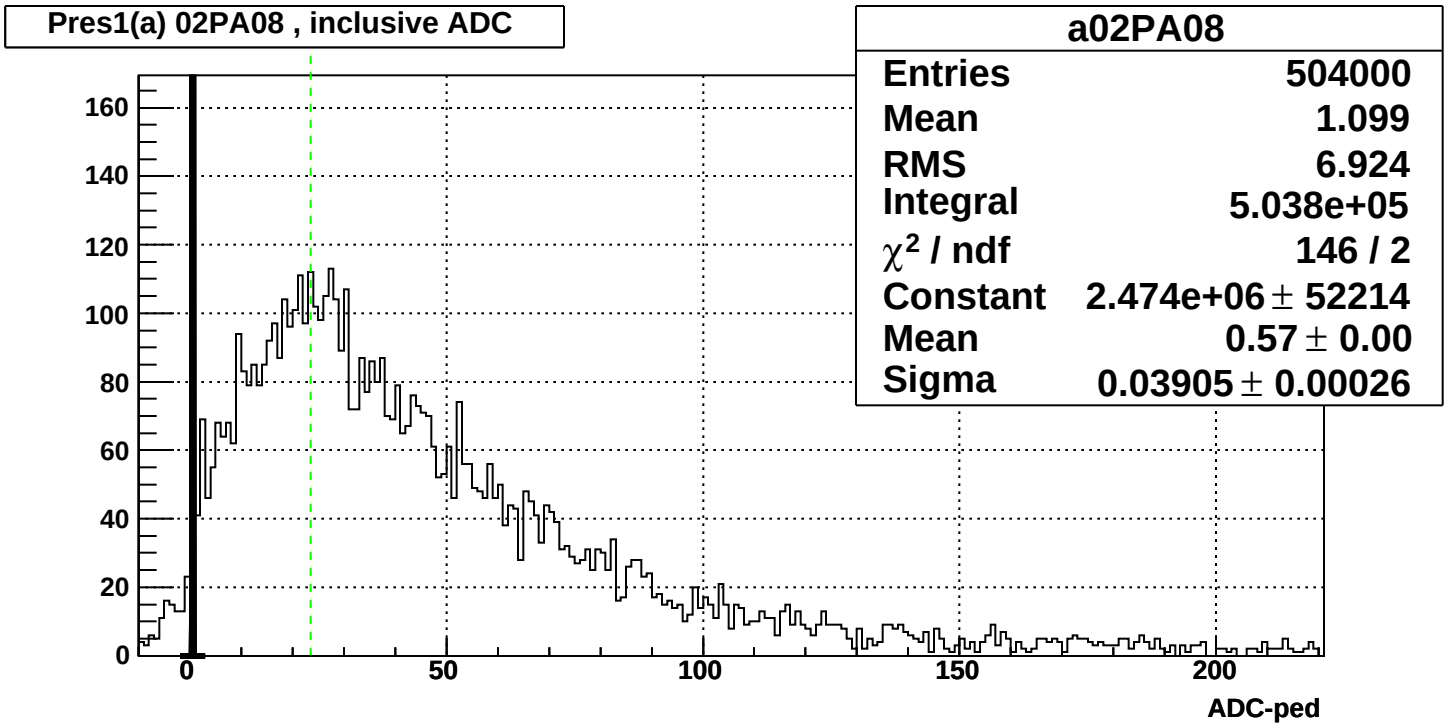

Pres2(d) 01QC08 , ADC, tag: UxV 2*thr
d01QC08
Entries 74
Mean 34.83
RMS 27.43
Integral 72
χ² / ndf 10.53 / 17
ampl-G 2.01 ± 3.32
const-L 28.43 ± 6.44
MPV-L 22.46 ± 3.62
sig-L 10.17 ± 3.21
ADC-ped

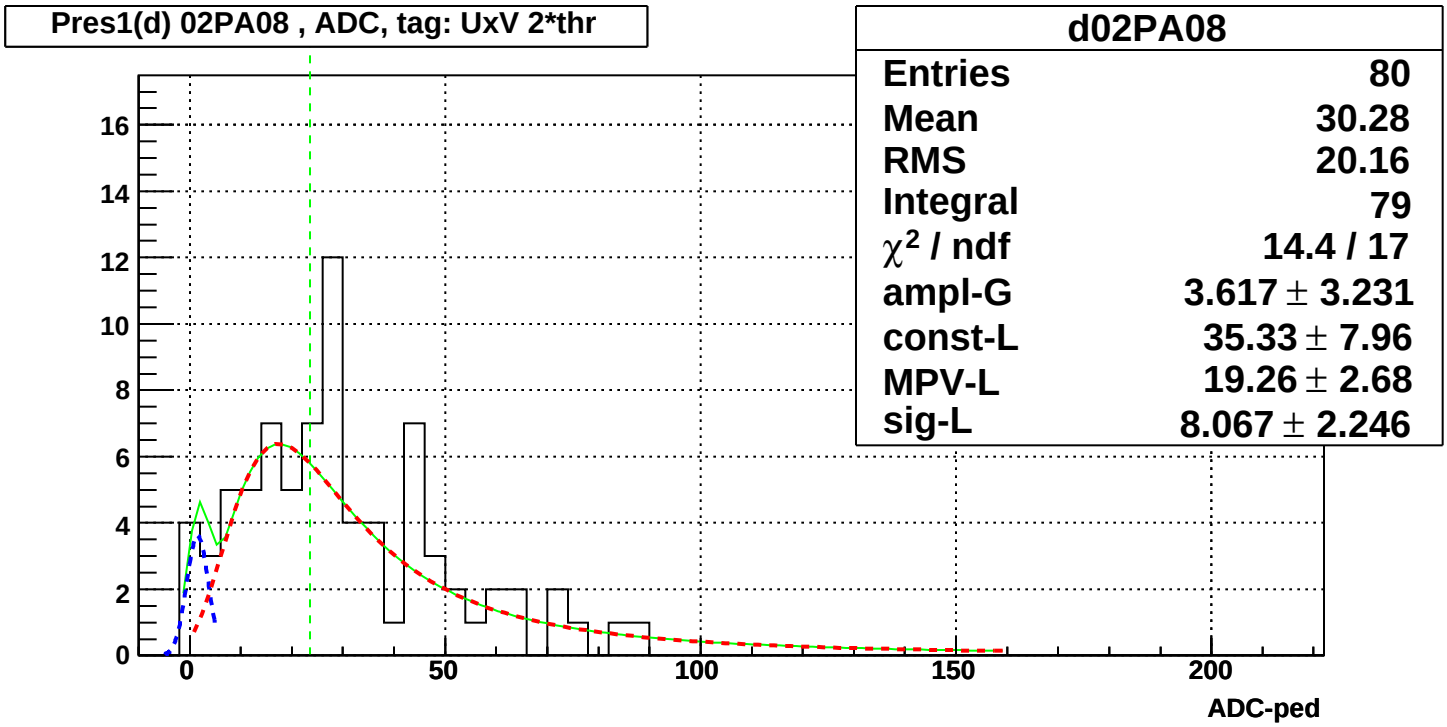

Pres2(a) 01QD08 , inclusive ADC
a01QD08
Entries 504000
Mean 1.197
RMS 8.12
Integral 5.036e+05
χ² / ndf 136 / 2
Constant 2.265e+06 ± 47815
Mean 0.5709 ± 0.0005
Sigma 0.0407 ± 0.0003
ADC-ped

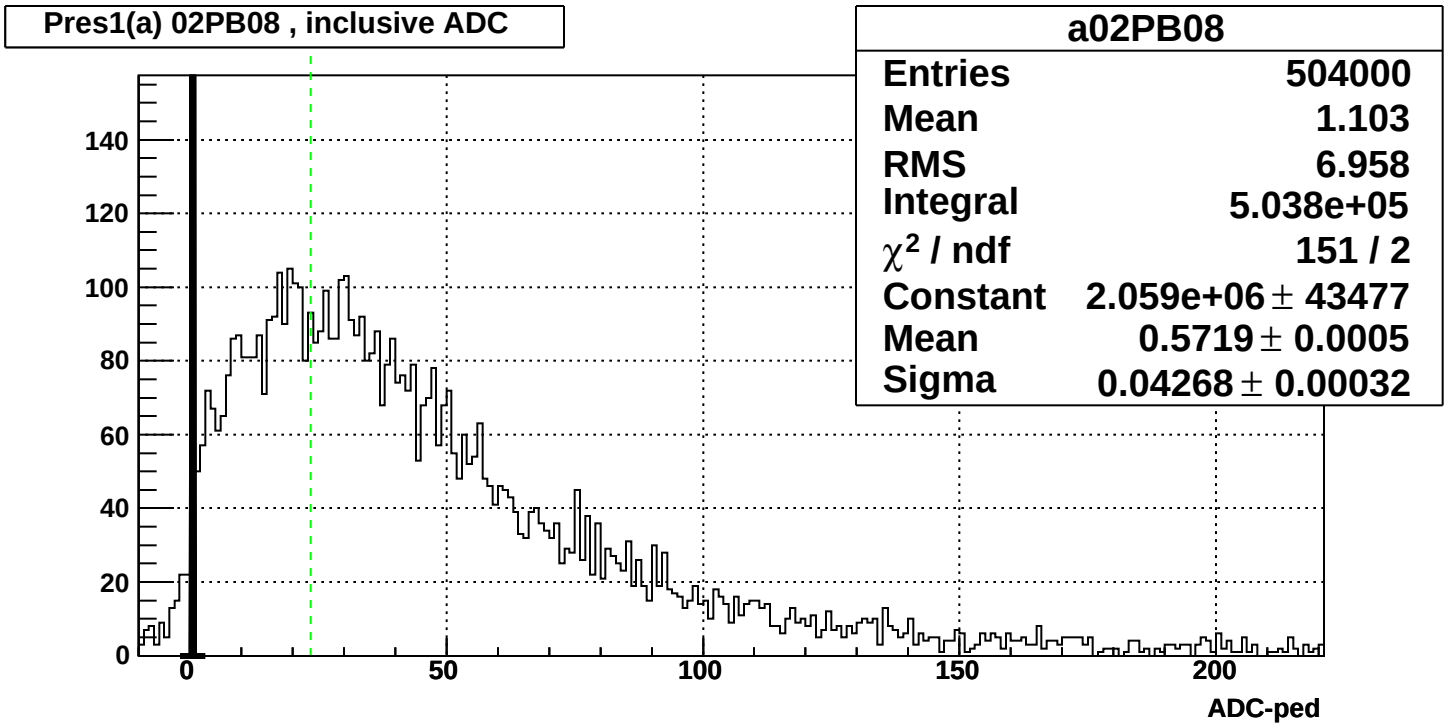

Pres2(d) 01QD08 , ADC, tag: UxV 2*thr
d01QD08
Entries 71
Mean 31.32
RMS 27.12
Integral 71
χ² / ndf 9.032 / 16
ampl-G 6.4 ± 3.9
const-L 31.16 ± 7.59
MPV-L 21.42 ± 3.36
sig-L 8.656 ± 2.661
ADC-ped

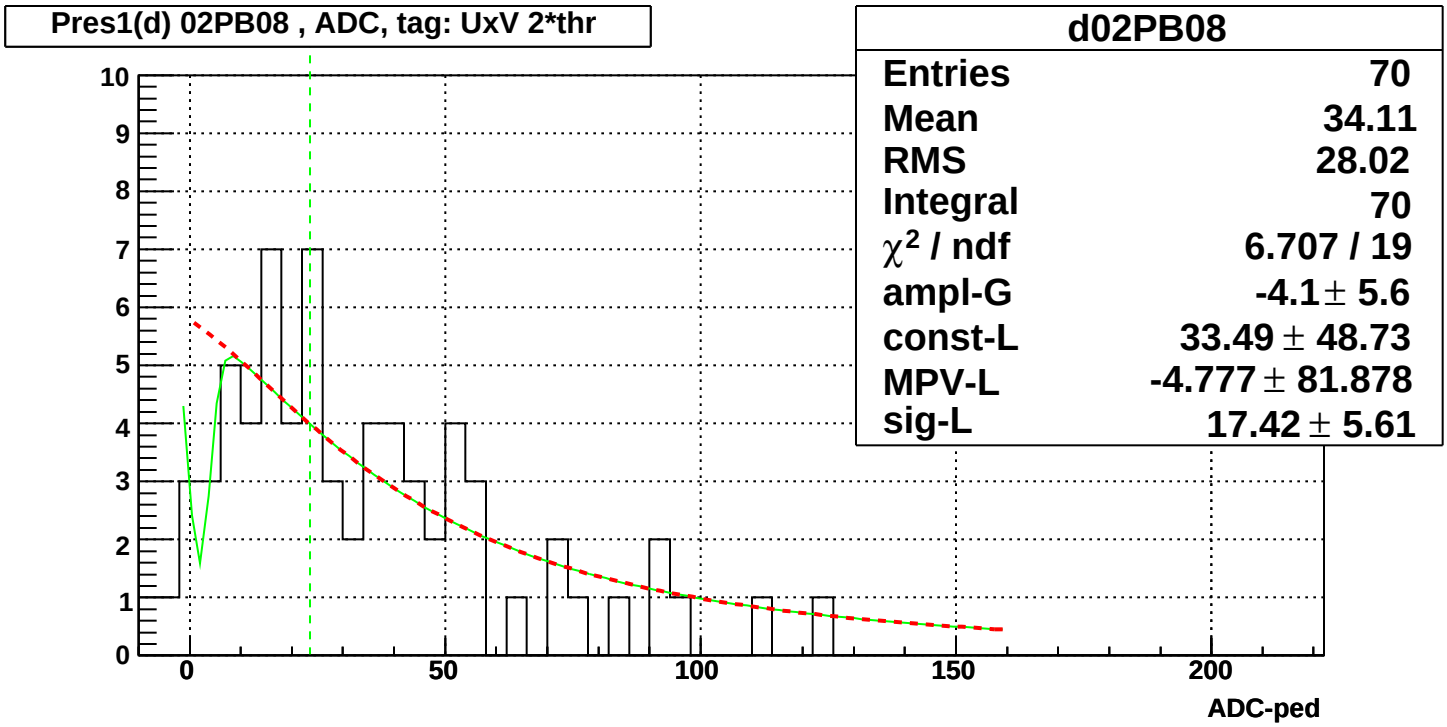

Pres2(a) 01QE08 , inclusive ADC
a01QE08
Entries 504000
Mean 1.207
RMS 8.297
Integral 5.036e+05
χ² / ndf 130 / 2
Constant 2.322e+06 ± 49021
Mean 0.5706 ± 0.0005
Sigma 0.0402 ± 0.0003
ADC-ped

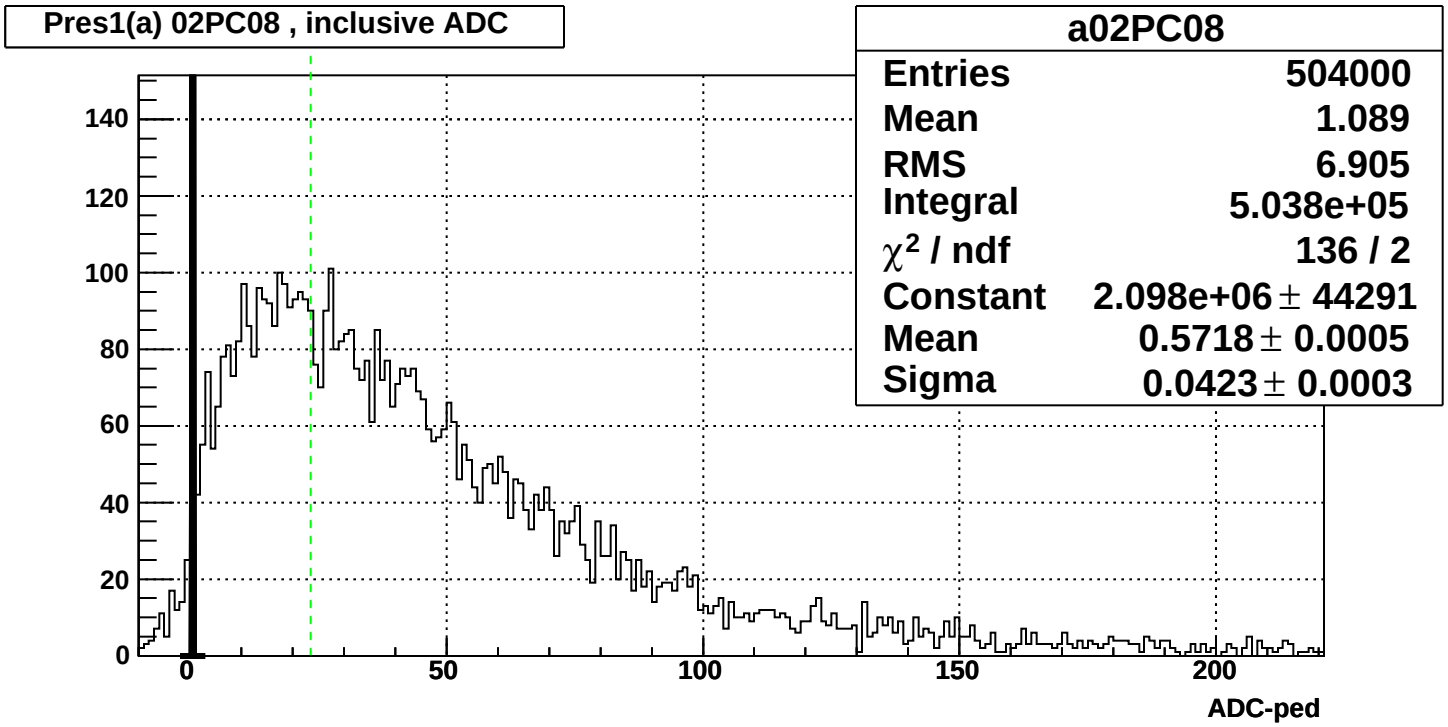

Pres2(d) 01QE08 , ADC, tag: UxV 2*thr
d01QE08
Entries 60
Mean 32.33
RMS 25.06
Integral 60
χ² / ndf 8.398 / 16
ampl-G 1.58 ± 1.68
const-L 22.87 ± 4.84
MPV-L 29.13 ± 5.09
sig-L 12 ± 3.4
ADC-ped

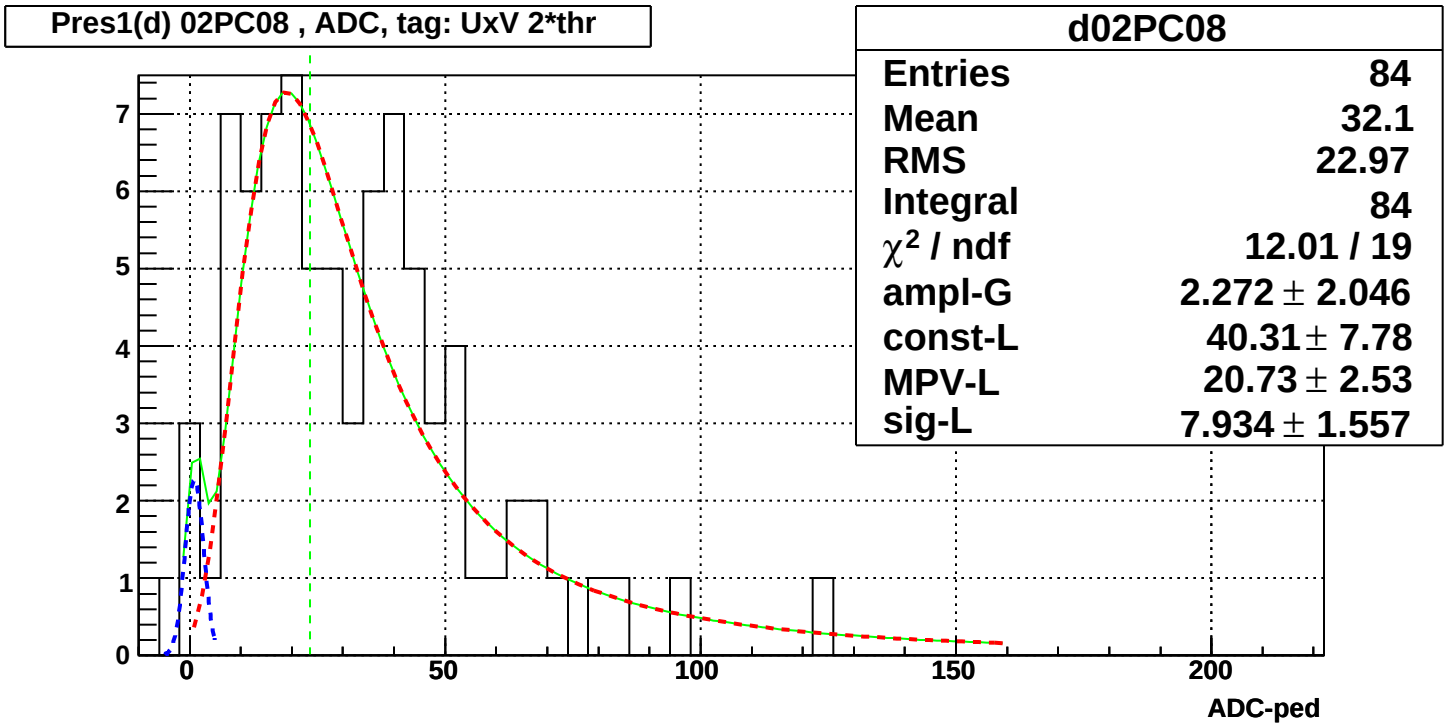

Pres1(a) 02PA08 , inclusive ADC
a02PA08
Entries 504000
Mean 1.099
RMS 6.924
Integral 5.038e+05
χ² / ndf 146 / 2
Constant 2.474e+06 ± 52214
Mean 0.57 ± 0.00
Sigma 0.03905 ± 0.00026
ADC-ped

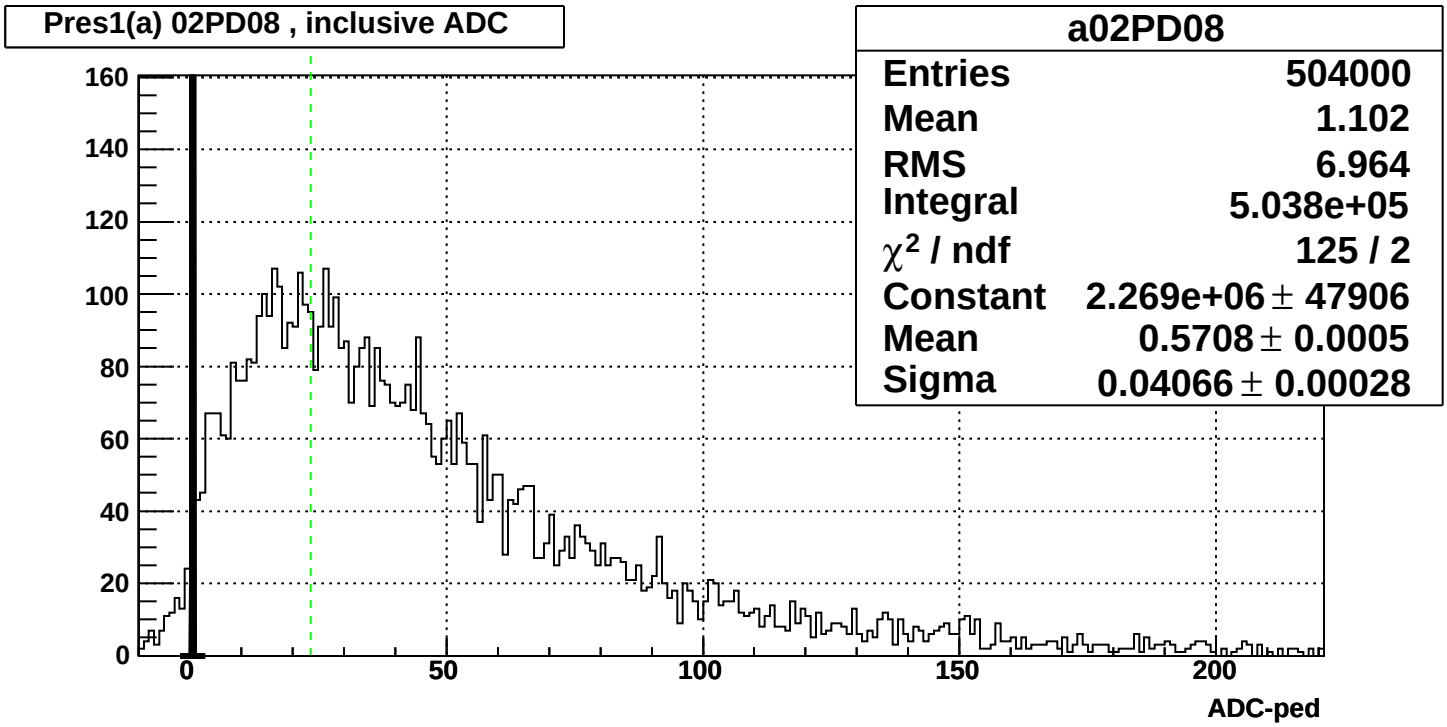

Pres1(d) 02PA08 , ADC, tag: UxV 2*thr
d02PA08
Entries 80
Mean 30.28
RMS 20.16
Integral 79
χ² / ndf 14.4 / 17
ampl-G 3.617 ± 3.231
const-L 35.33 ± 7.96
MPV-L 19.26 ± 2.68
sig-L 8.067 ± 2.246
ADC-ped

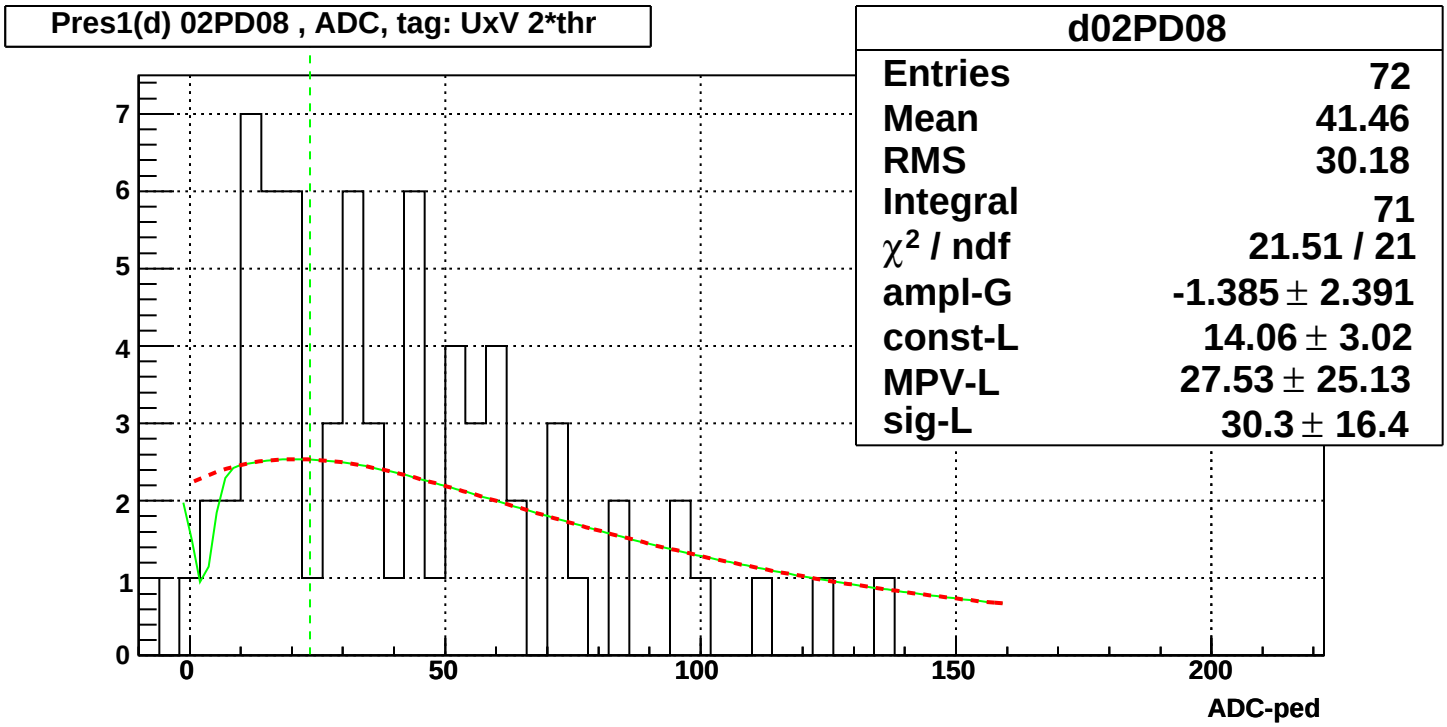

Pres1(a) 02PB08 , inclusive ADC
a02PB08
Entries 504000
Mean 1.103
RMS 6.958
Integral 5.038e+05
χ² / ndf 151 / 2
Constant 2.059e+06 ± 43477
Mean 0.5719 ± 0.0005
Sigma 0.04268 ± 0.00032
ADC-ped

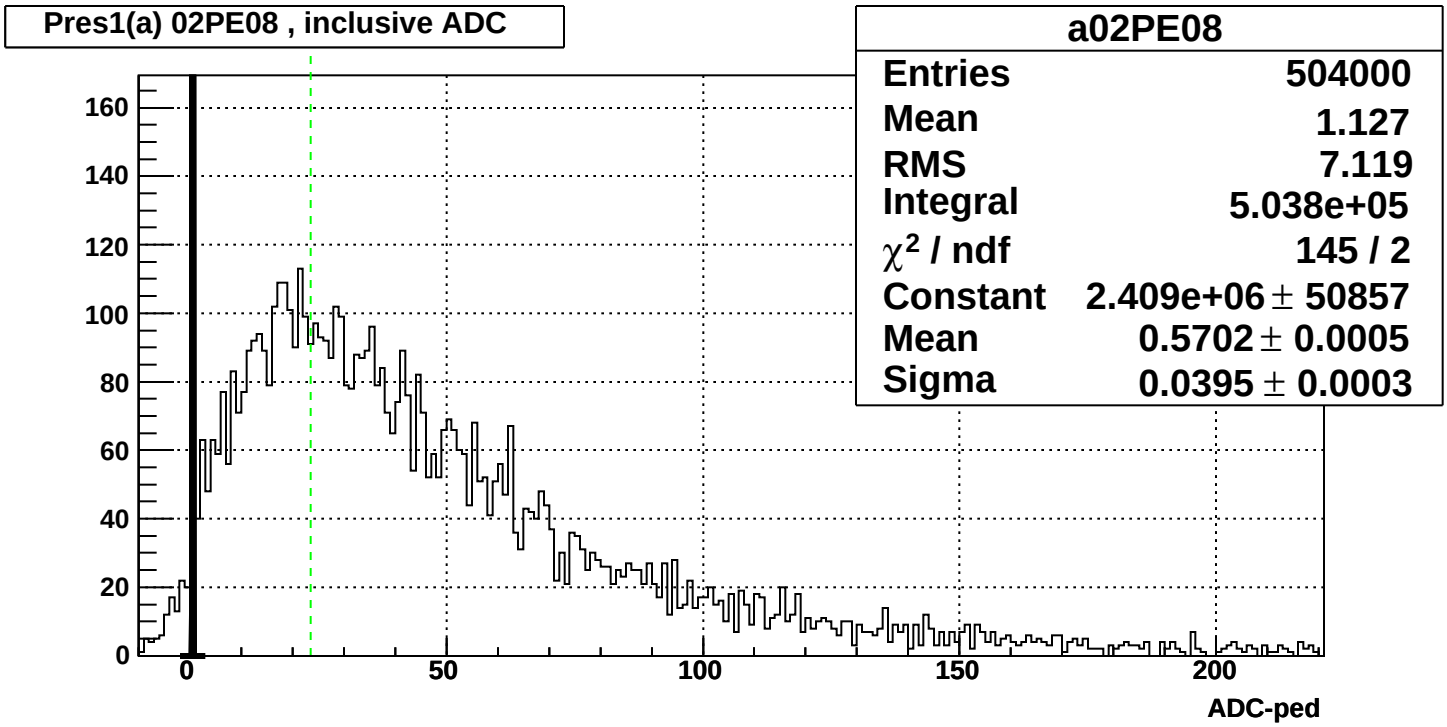

Pres1(d) 02PB08 , ADC, tag: UxV 2*thr
d02PB08
Entries 70
Mean 34.11
RMS 28.02
Integral 70
χ² / ndf 6.707 / 19
ampl-G -4.1 ± 5.6
const-L 33.49 ± 48.73
MPV-L -4.777 ± 81.878
sig-L 17.42 ± 5.61
ADC-ped

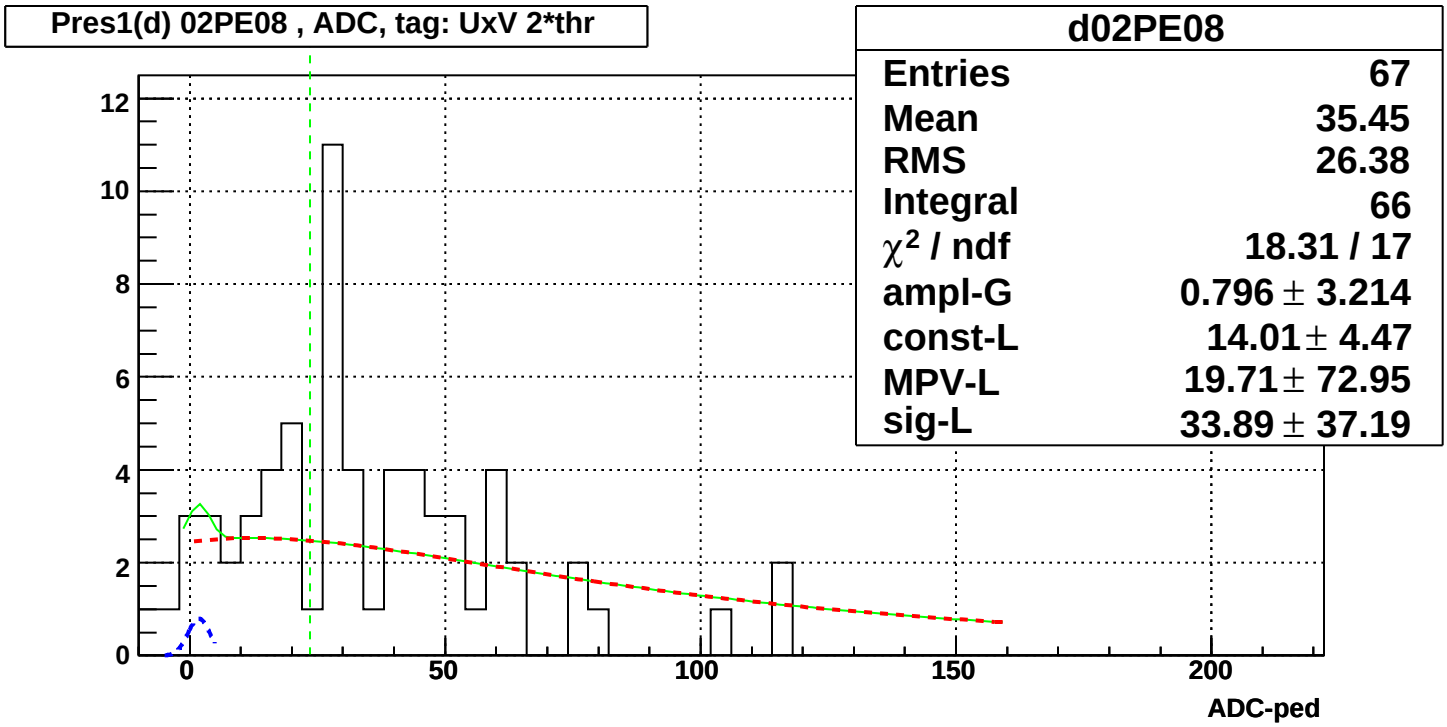

Pres1(a) 02PC08 , inclusive ADC
a02PC08
Entries 504000
Mean 1.089
RMS 6.905
Integral 5.038e+05
χ² / ndf 136 / 2
Constant 2.098e+06 ± 44291
Mean 0.5718 ± 0.0005
Sigma 0.0423 ± 0.0003
ADC-ped

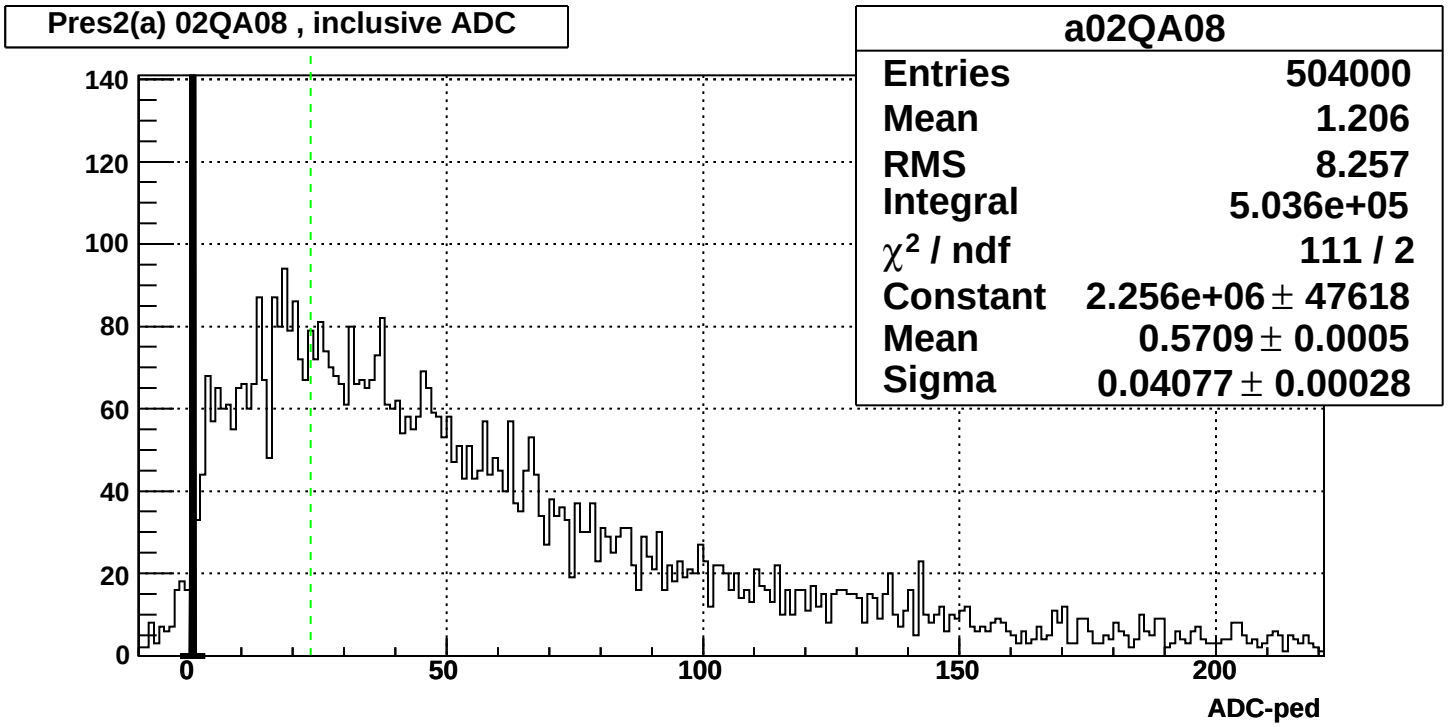

Pres1(d) 02PC08 , ADC, tag: UxV 2*thr
d02PC08
Entries 84
Mean 32.1
RMS 22.97
Integral 84
χ² / ndf 12.01 / 19
ampl-G 2.272 ± 2.046
const-L 40.31 ± 7.78
MPV-L 20.73 ± 2.53
sig-L 7.934 ± 1.557
ADC-ped

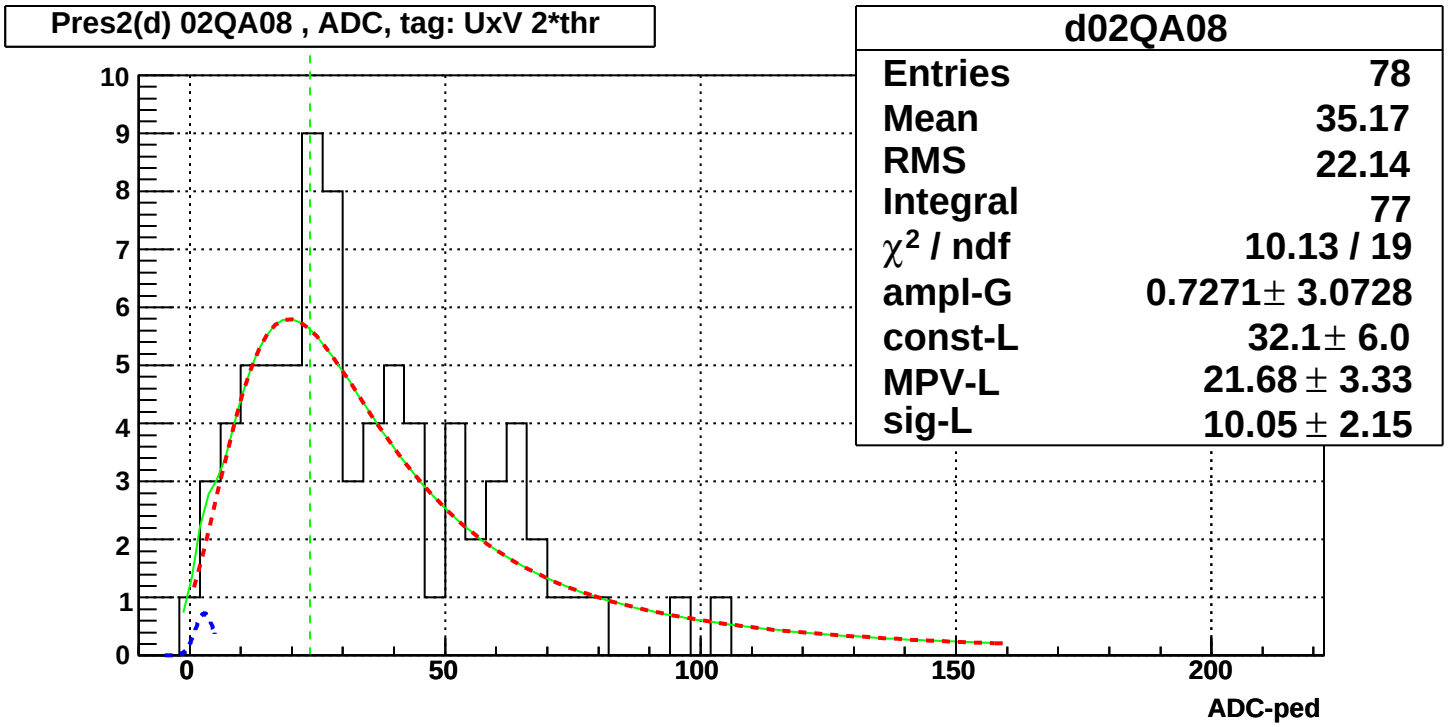

Pres1(a) 02PD08 , inclusive ADC
a02PD08
Entries 504000
Mean 1.102
RMS 6.964
Integral 5.038e+05
χ² / ndf 125 / 2
Constant 2.269e+06 ± 47906
Mean 0.5708 ± 0.0005
Sigma 0.04066 ± 0.00028
ADC-ped

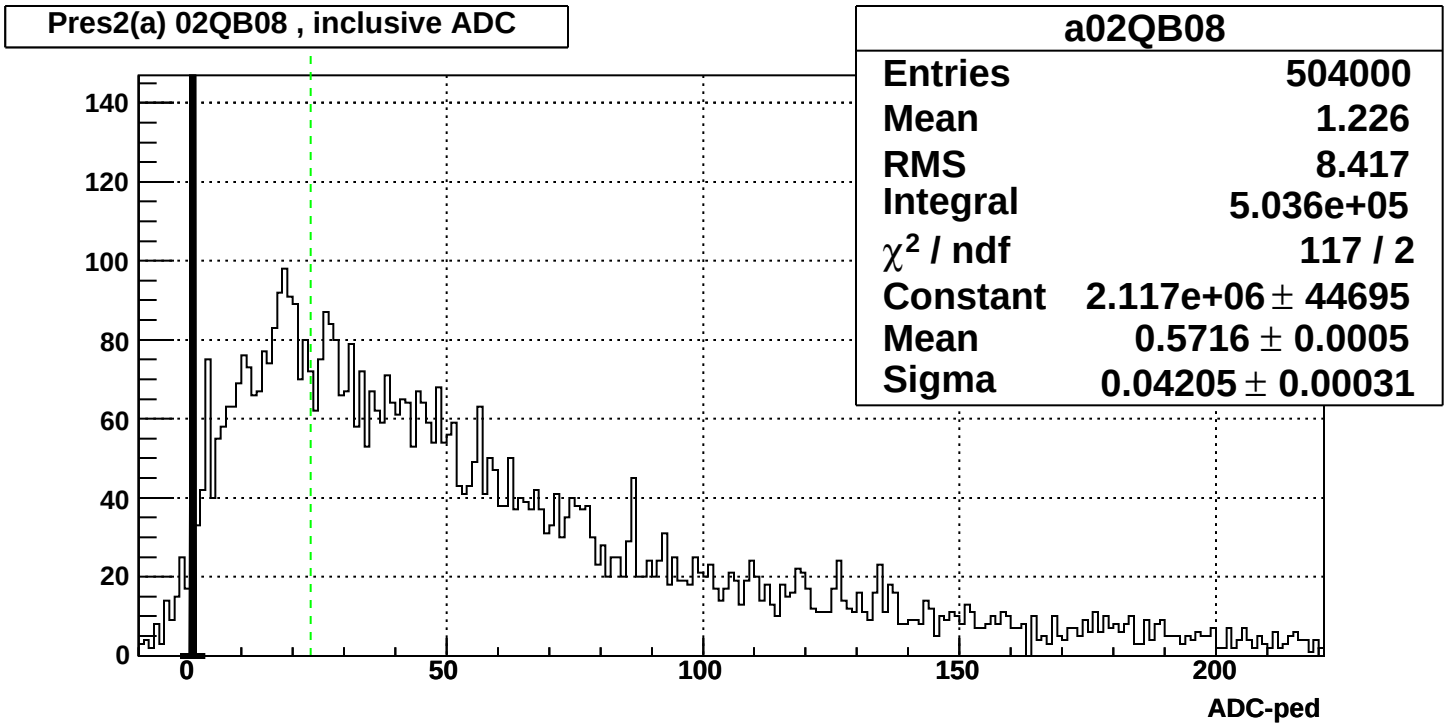

Pres1(d) 02PD08 , ADC, tag: UxV 2*thr
d02PD08
Entries 72
Mean 41.46
RMS 30.18
Integral 71
χ² / ndf 21.51 / 21
ampl-G -1.385 ± 2.391
const-L 14.06 ± 3.02
MPV-L 27.53 ± 25.13
sig-L 30.3 ± 16.4
ADC-ped

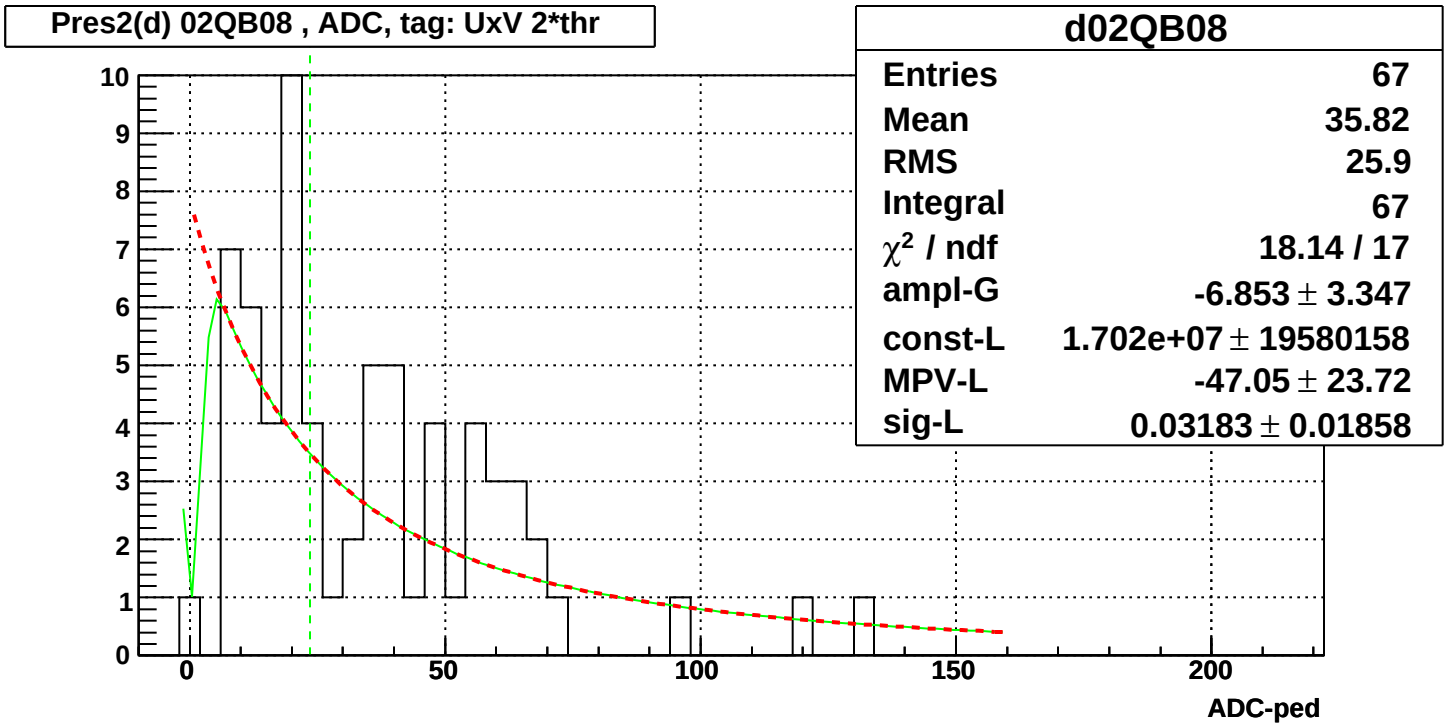

Pres1(a) 02PE08 , inclusive ADC
a02PE08
Entries 504000
Mean 1.127
RMS 7.119
Integral 5.038e+05
χ² / ndf 145 / 2
Constant 2.409e+06 ± 50857
Mean 0.5702 ± 0.0005
Sigma 0.0395 ± 0.0003
ADC-ped

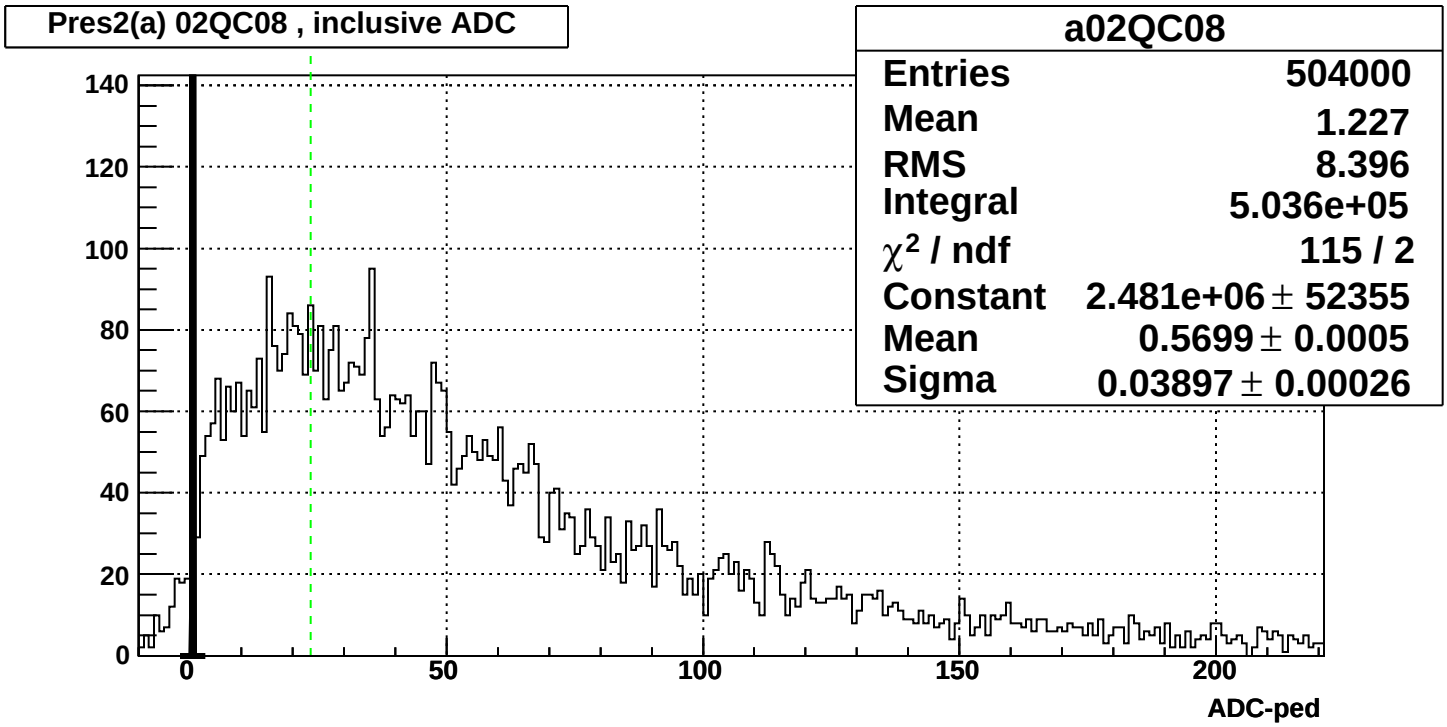

Pres1(d) 02PE08 , ADC, tag: UxV 2*thr
d02PE08
Entries 67
Mean 35.45
RMS 26.38
Integral 66
χ² / ndf 18.31 / 17
ampl-G 0.796 ± 3.214
const-L 14.01 ± 4.47
MPV-L 19.71 ± 72.95
sig-L 33.89 ± 37.19
ADC-ped

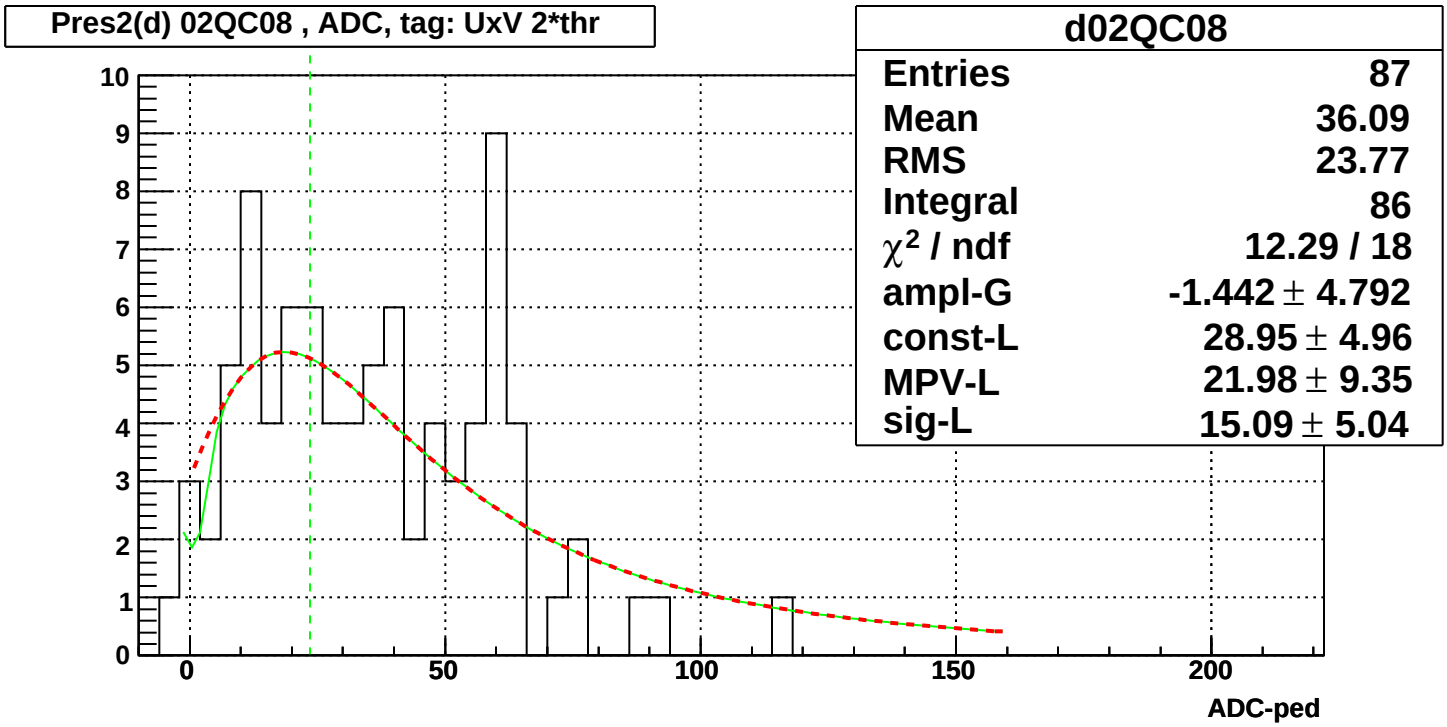

Pres2(a) 02QA08 , inclusive ADC
a02QA08
Entries 504000
Mean 1.206
RMS 8.257
Integral 5.036e+05
χ² / ndf 111 / 2
Constant 2.256e+06 ± 47618
Mean 0.5709 ± 0.0005
Sigma 0.04077 ± 0.00028
ADC-ped

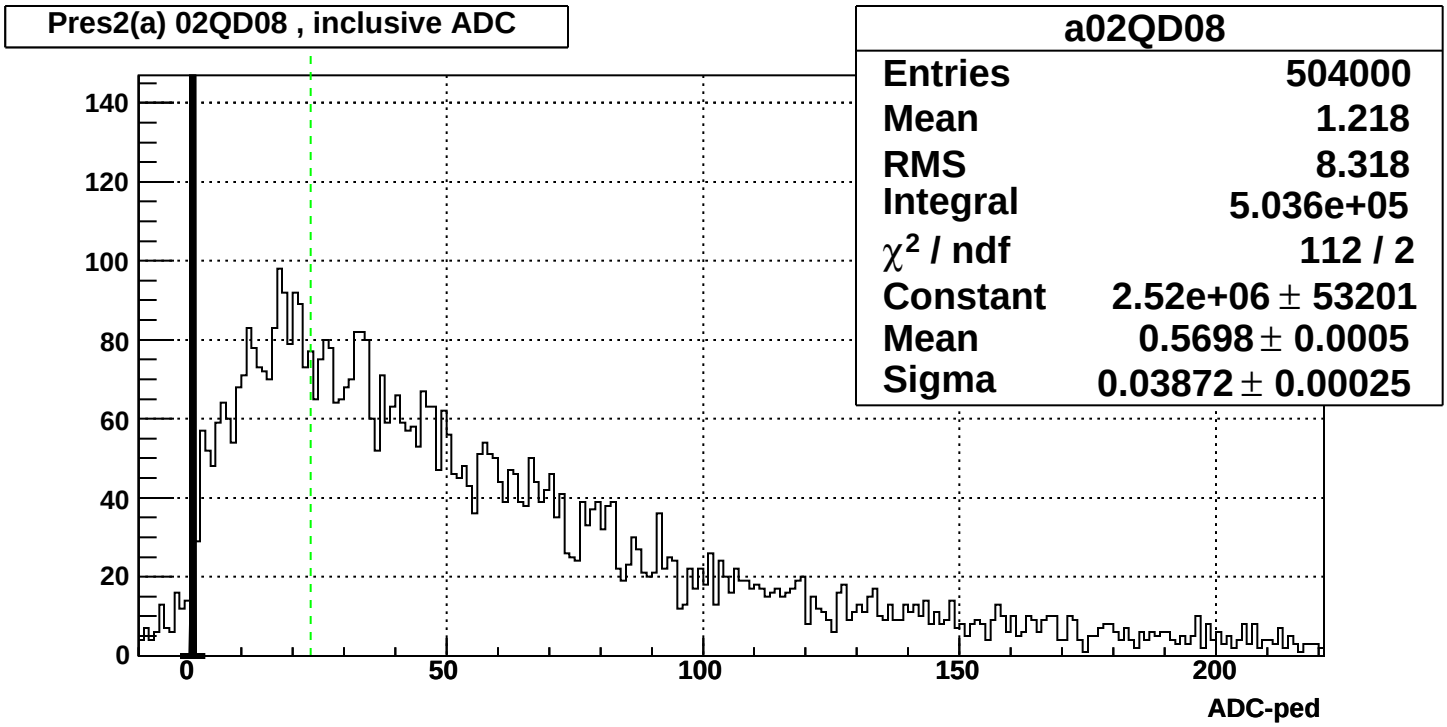

Pres2(d) 02QA08 , ADC, tag: UxV 2*thr
d02QA08
Entries 78
Mean 35.17
RMS 22.14
Integral 77
χ² / ndf 10.13 / 19
ampl-G 0.7271 ± 3.0728
const-L 32.1 ± 6.0
MPV-L 21.68 ± 3.33
sig-L 10.05 ± 2.15
ADC-ped

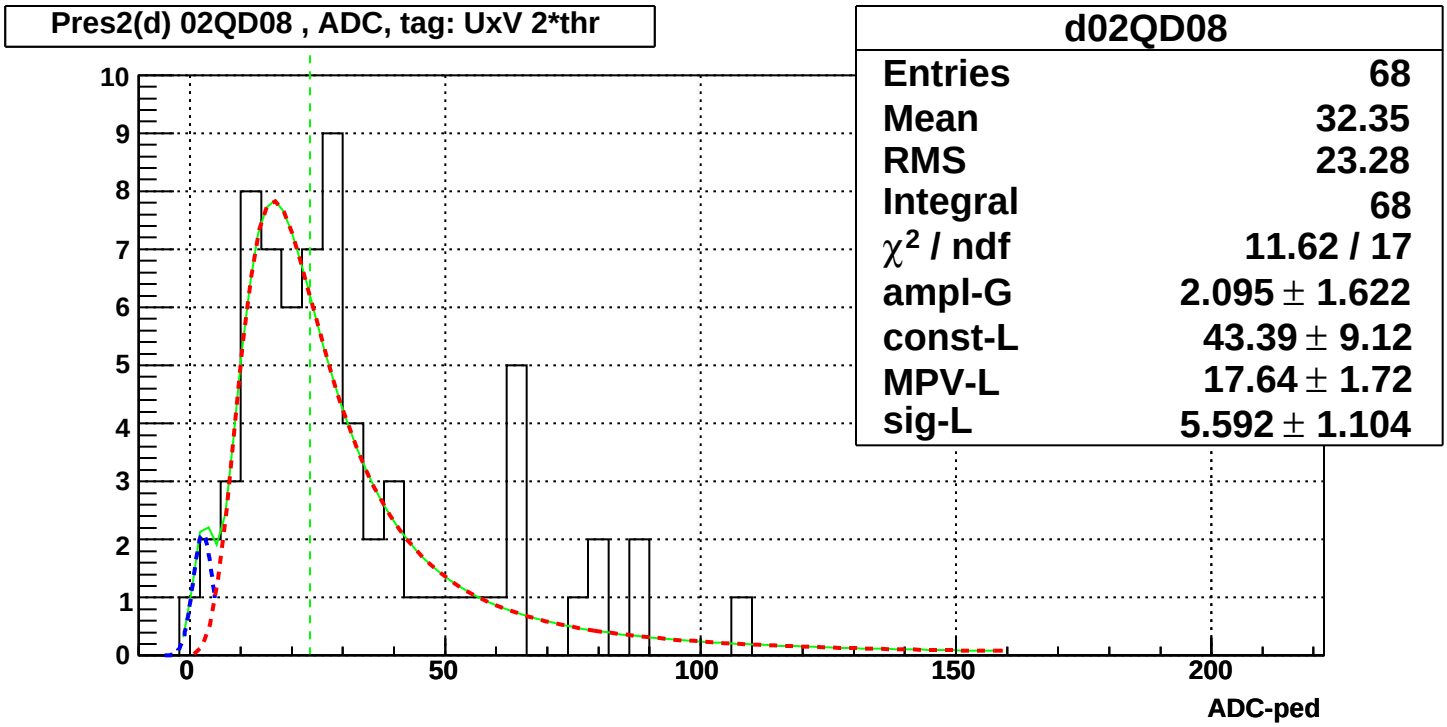

Pres2(a) 02QB08 , inclusive ADC
a02QB08
Entries 504000
Mean 1.226
RMS 8.417
Integral 5.036e+05
χ² / ndf 117 / 2
Constant 2.117e+06 ± 44695
Mean 0.5716 ± 0.0005
Sigma 0.04205 ± 0.00031
ADC-ped

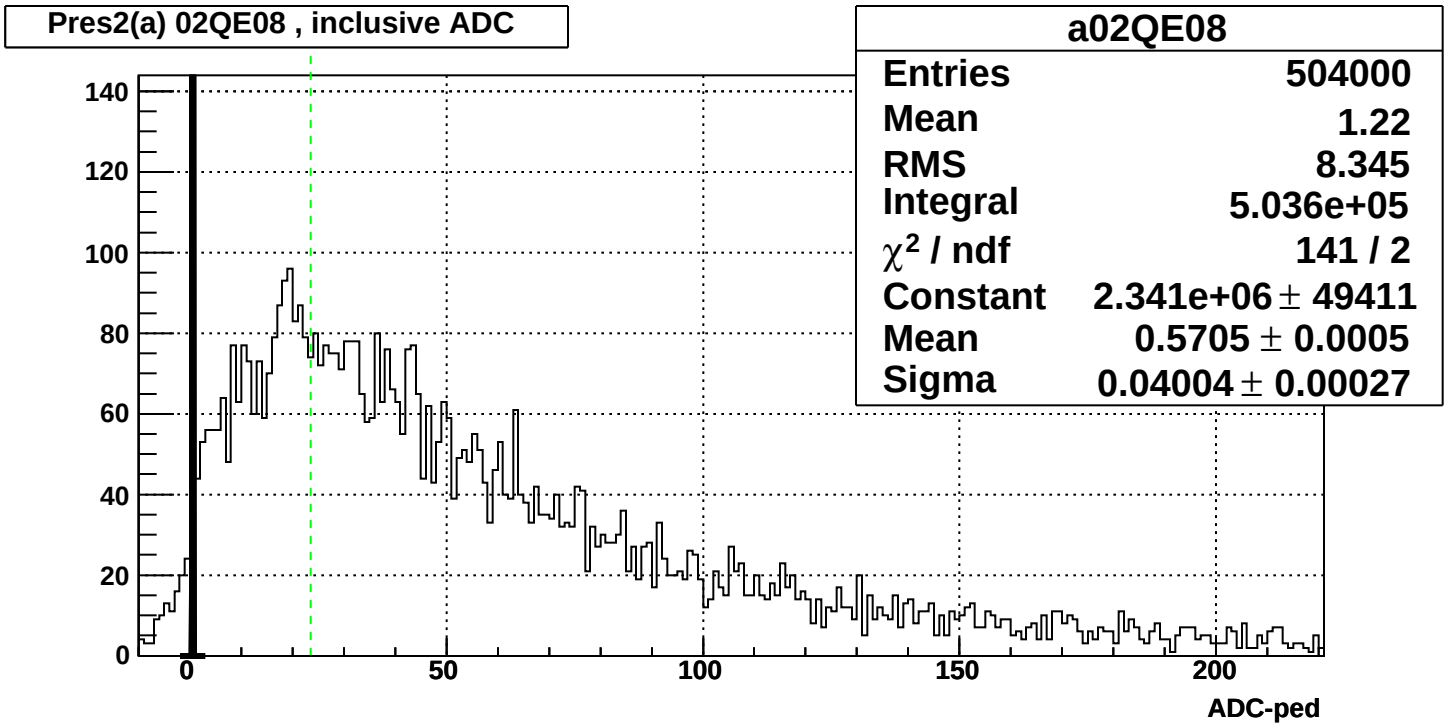

Pres2(d) 02QB08 , ADC, tag: UxV 2*thr
d02QB08
Entries 67
Mean 35.82
RMS 25.9
Integral 67
χ² / ndf 18.14 / 17
ampl-G -6.853 ± 3.347
const-L 1.702e+07 ± 19580158
MPV-L -47.05 ± 23.72
sig-L 0.03183 ± 0.01858
ADC-ped

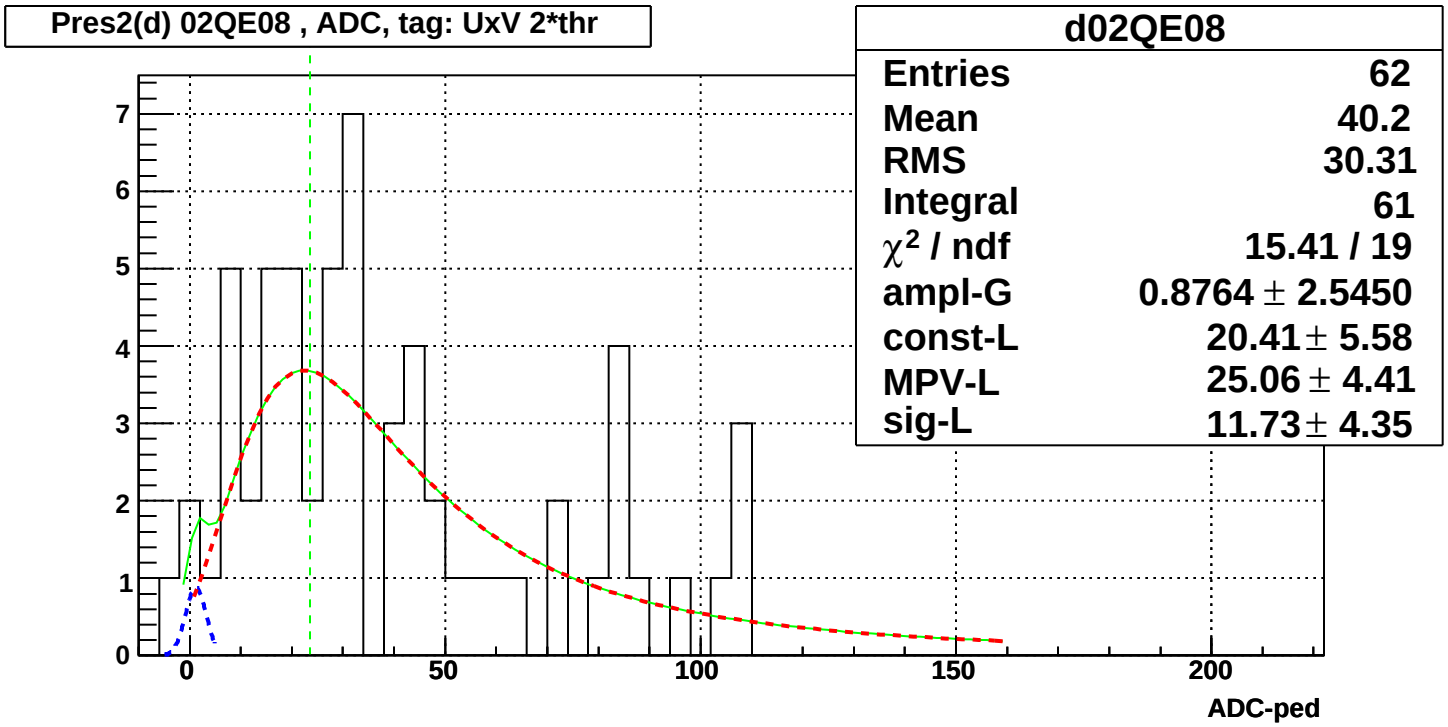

Pres2(a) 02QC08 , inclusive ADC
a02QC08
Entries 504000
Mean 1.227
RMS 8.396
Integral 5.036e+05
χ² / ndf 115 / 2
Constant 2.481e+06 ± 52355
Mean 0.5699 ± 0.0005
Sigma 0.03897 ± 0.00026
ADC-ped

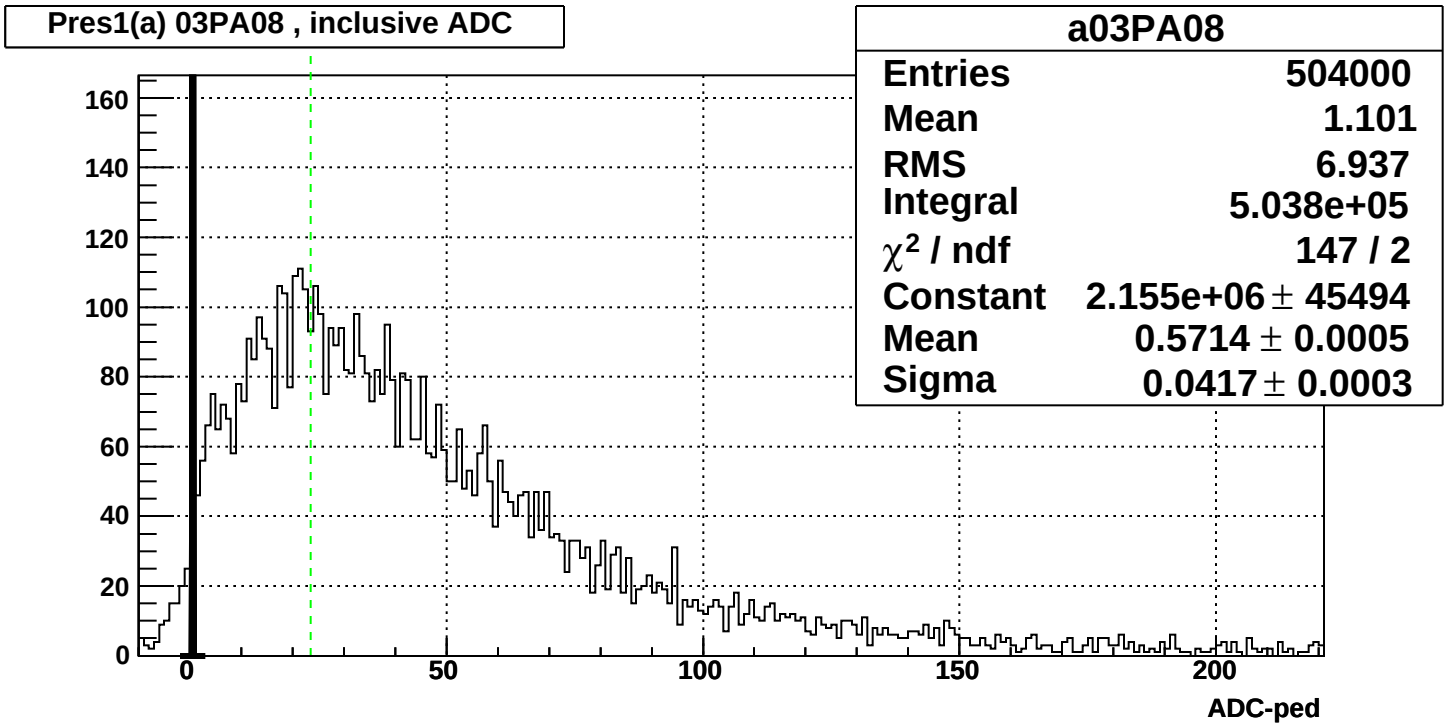

Pres2(d) 02QC08 , ADC, tag: UxV 2*thr
d02QC08
Entries 87
Mean 36.09
RMS 23.77
Integral 86
χ² / ndf 12.29 / 18
ampl-G -1.442 ± 4.792
const-L 28.95 ± 4.96
MPV-L 21.98 ± 9.35
sig-L 15.09 ± 5.04
ADC-ped

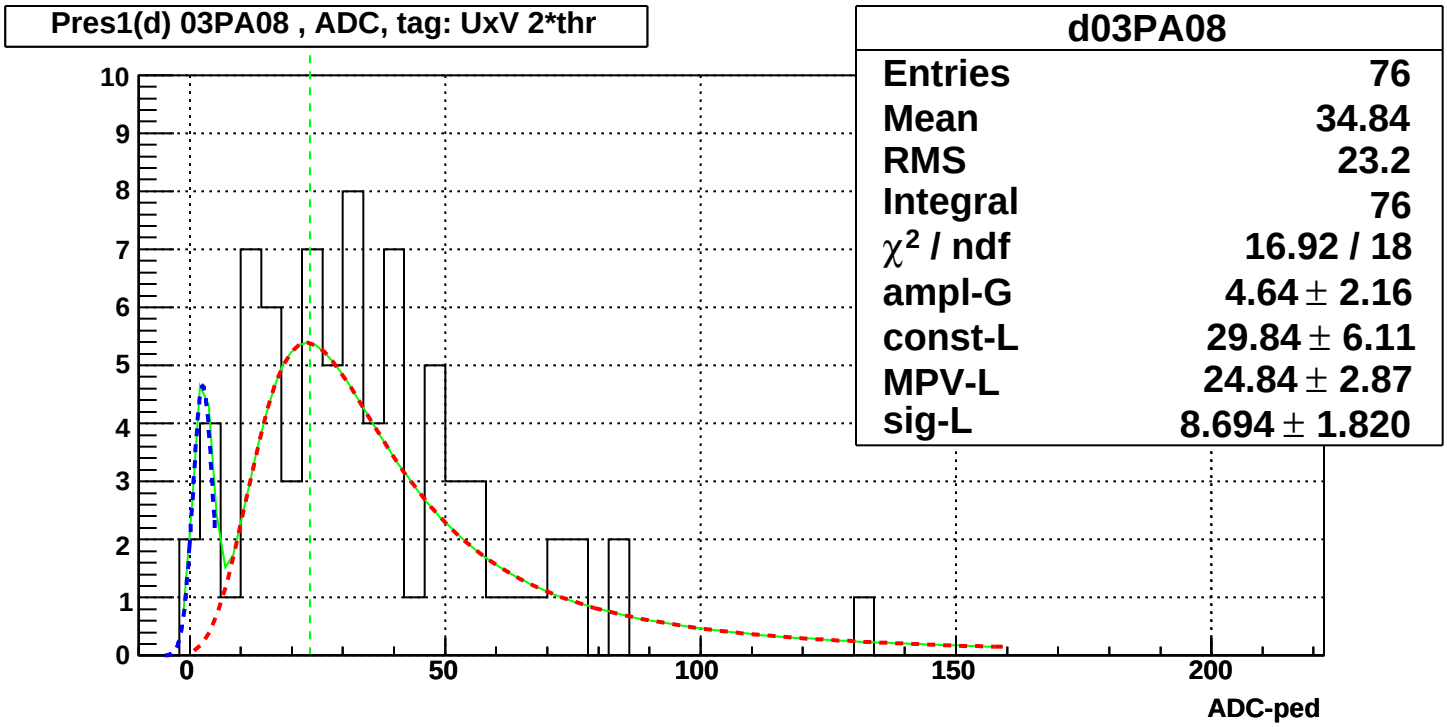

Pres2(a) 02QD08 , inclusive ADC
a02QD08
Entries 504000
Mean 1.218
RMS 8.318
Integral 5.036e+05
χ² / ndf 112 / 2
Constant 2.52e+06 ± 53201
Mean 0.5698 ± 0.0005
Sigma 0.03872 ± 0.00025
ADC-ped

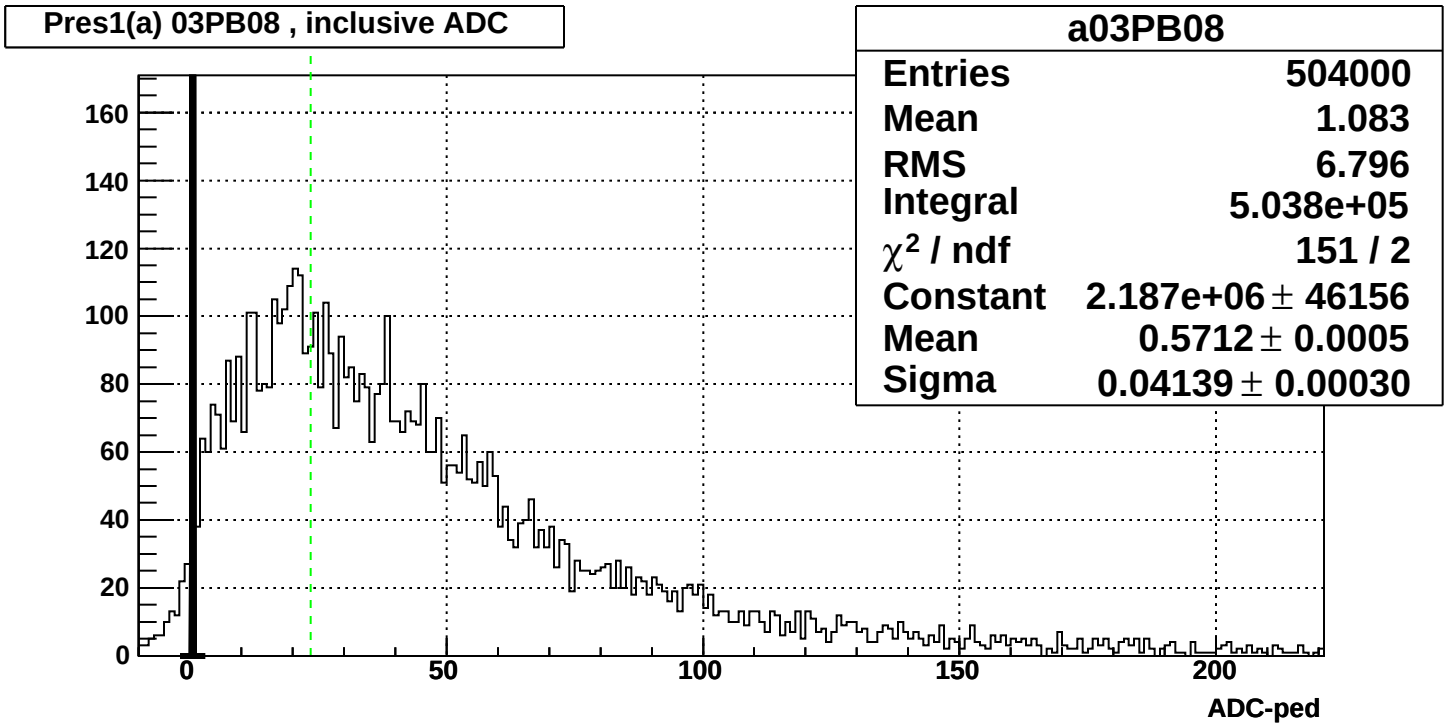

Pres2(d) 02QD08 , ADC, tag: UxV 2*thr
d02QD08
Entries 68
Mean 32.35
RMS 23.28
Integral 68
χ² / ndf 11.62 / 17
ampl-G 2.095 ± 1.622
const-L 43.39 ± 9.12
MPV-L 17.64 ± 1.72
sig-L 5.592 ± 1.104
ADC-ped

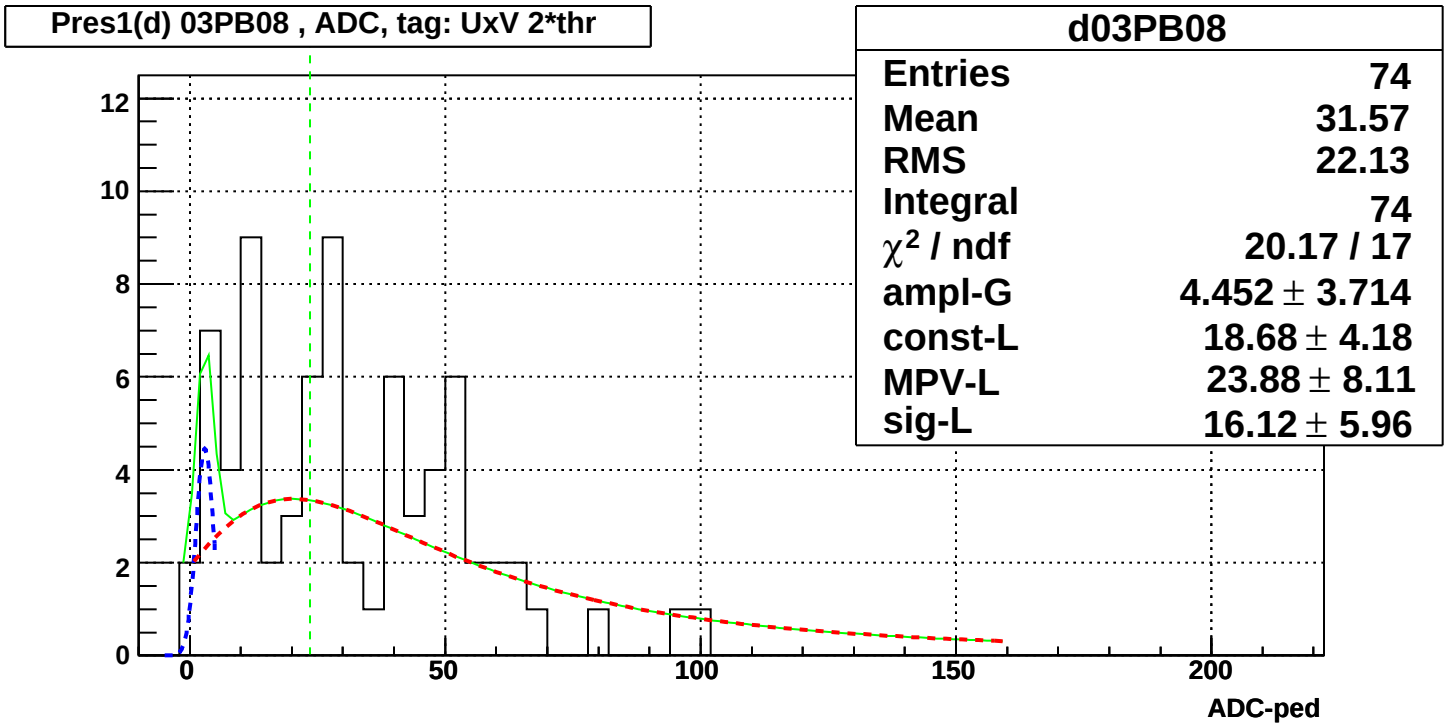

Pres2(a) 02QE08 , inclusive ADC
a02QE08
Entries 504000
Mean 1.22
RMS 8.345
Integral 5.036e+05
χ² / ndf 141 / 2
Constant 2.341e+06 ± 49411
Mean 0.5705 ± 0.0005
Sigma 0.04004 ± 0.00027
ADC-ped

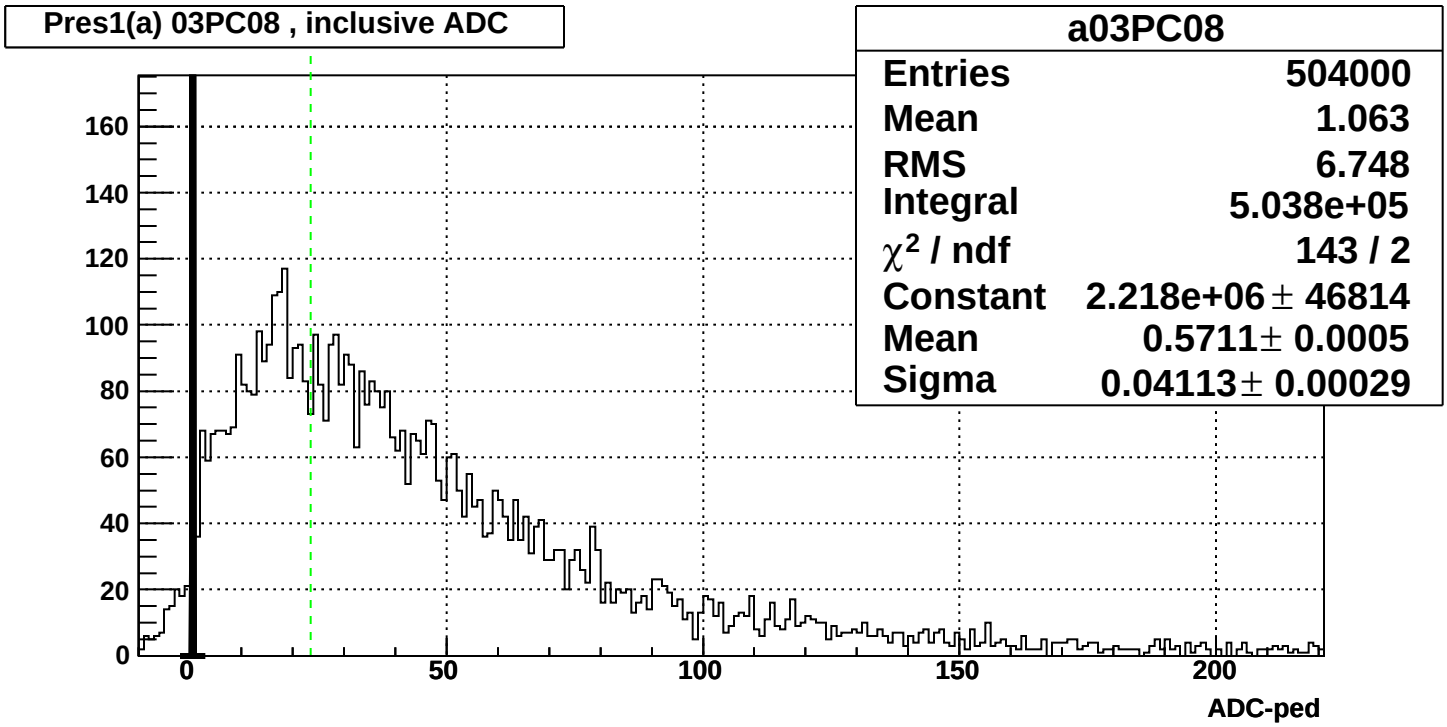

Pres2(d) 02QE08 , ADC, tag: UxV 2*thr
d02QE08
Entries 62
Mean 40.2
RMS 30.31
Integral 61
χ² / ndf 15.41 / 19
ampl-G 0.8764 ± 2.5450
const-L 20.41 ± 5.58
MPV-L 25.06 ± 4.41
sig-L 11.73 ± 4.35
ADC-ped

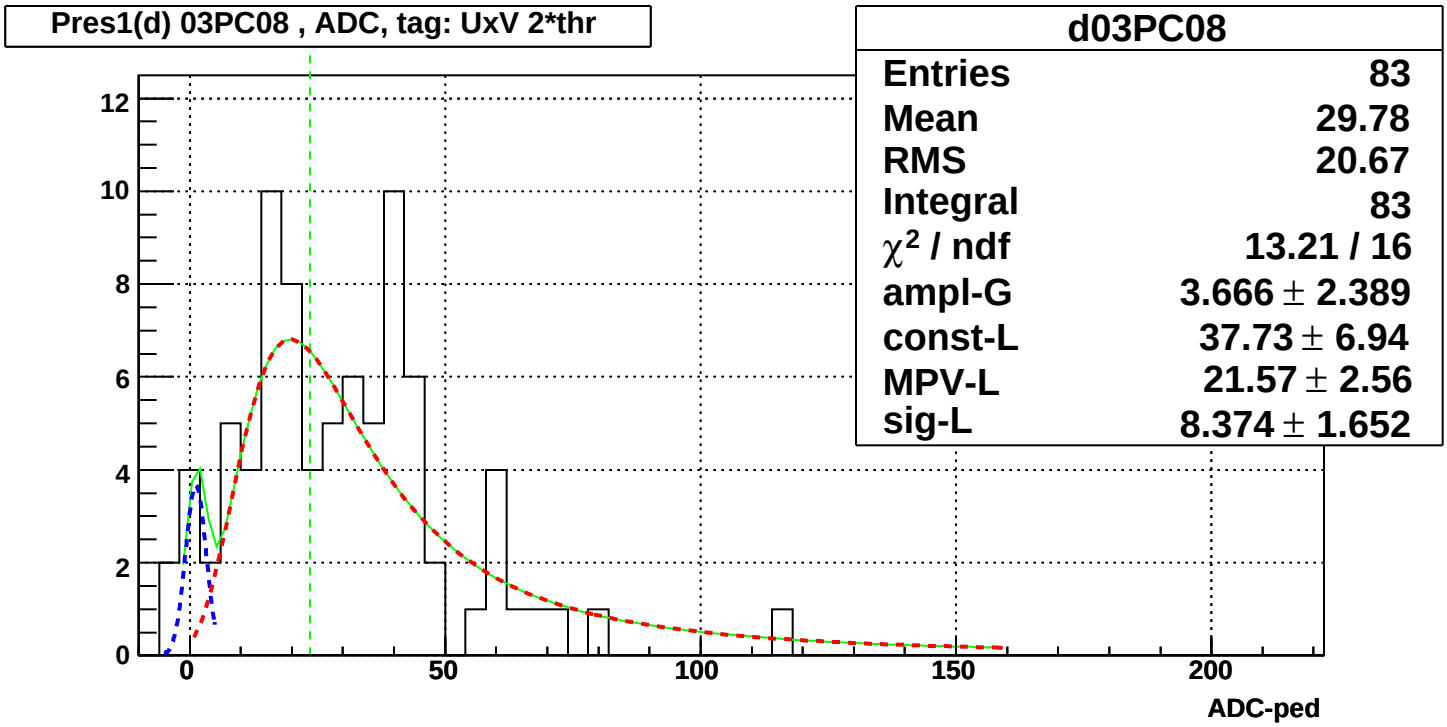

Pres1(a) 03PA08 , inclusive ADC
a03PA08
Entries 504000
Mean 1.101
RMS 6.937
Integral 5.038e+05
χ² / ndf 147 / 2
Constant 2.155e+06 ± 45494
Mean 0.5714 ± 0.0005
Sigma 0.0417 ± 0.0003
ADC-ped

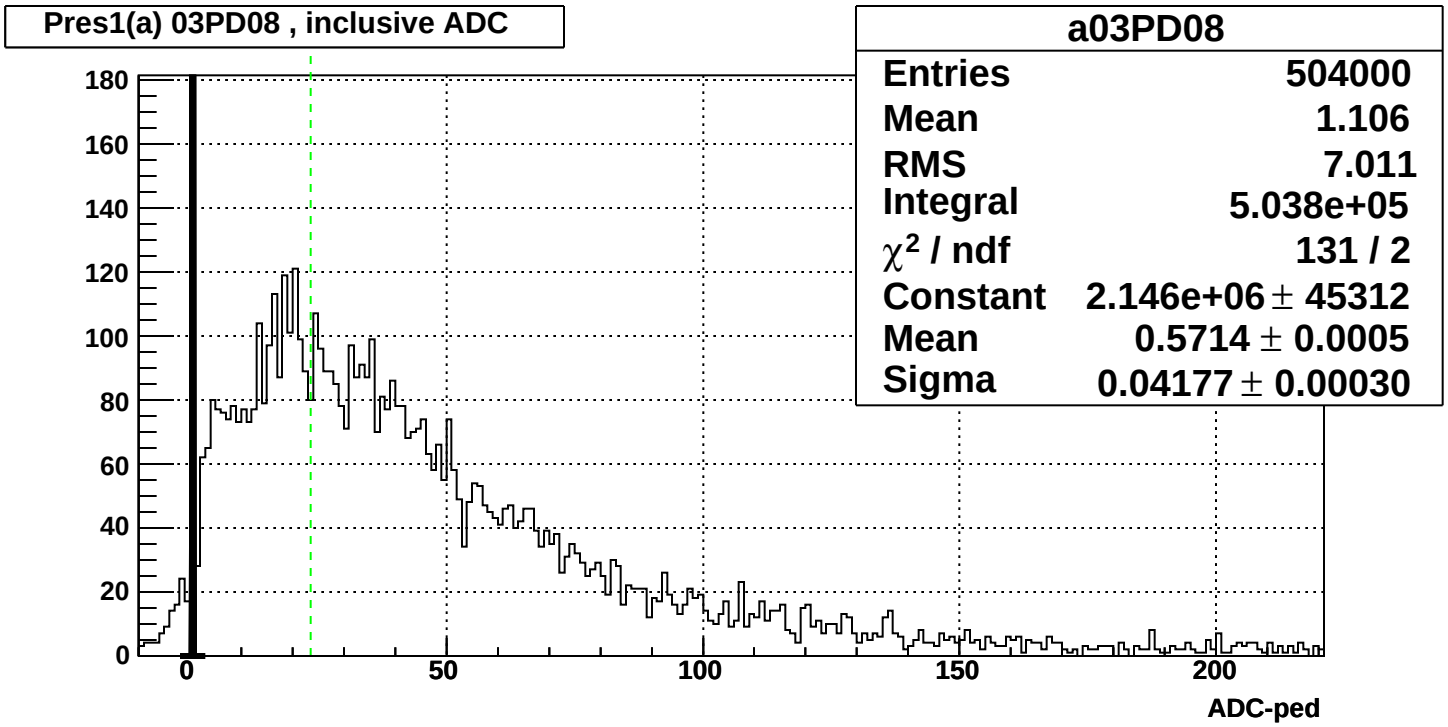

Pres1(d) 03PA08 , ADC, tag: UxV 2*thr
d03PA08
Entries 76
Mean 34.84
RMS 23.2
Integral 76
χ² / ndf 16.92 / 18
ampl-G 4.64 ± 2.16
const-L 29.84 ± 6.11
MPV-L 24.84 ± 2.87
sig-L 8.694 ± 1.820
ADC-ped

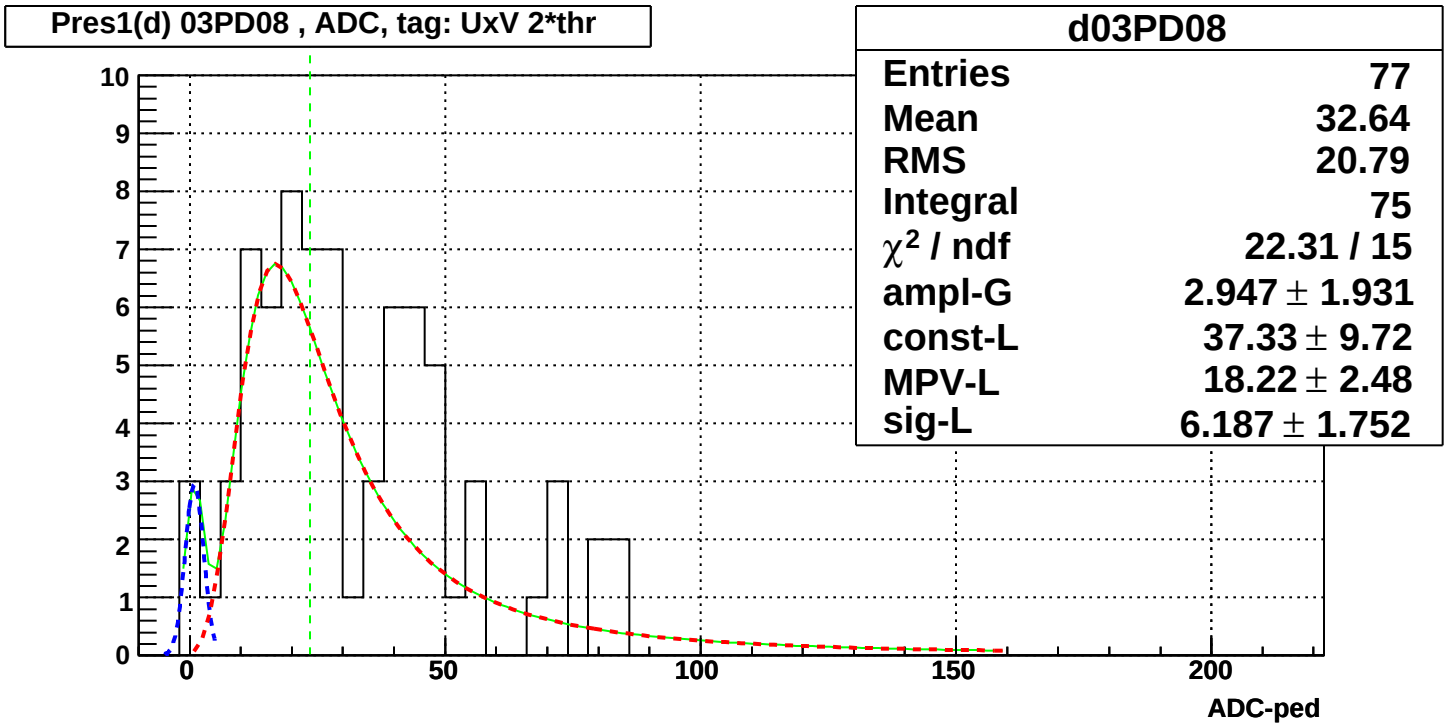

Pres1(a) 03PB08 , inclusive ADC
a03PB08
Entries 504000
Mean 1.083
RMS 6.796
Integral 5.038e+05
χ² / ndf 151 / 2
Constant 2.187e+06 ± 46156
Mean 0.5712 ± 0.0005
Sigma 0.04139 ± 0.00030
ADC-ped

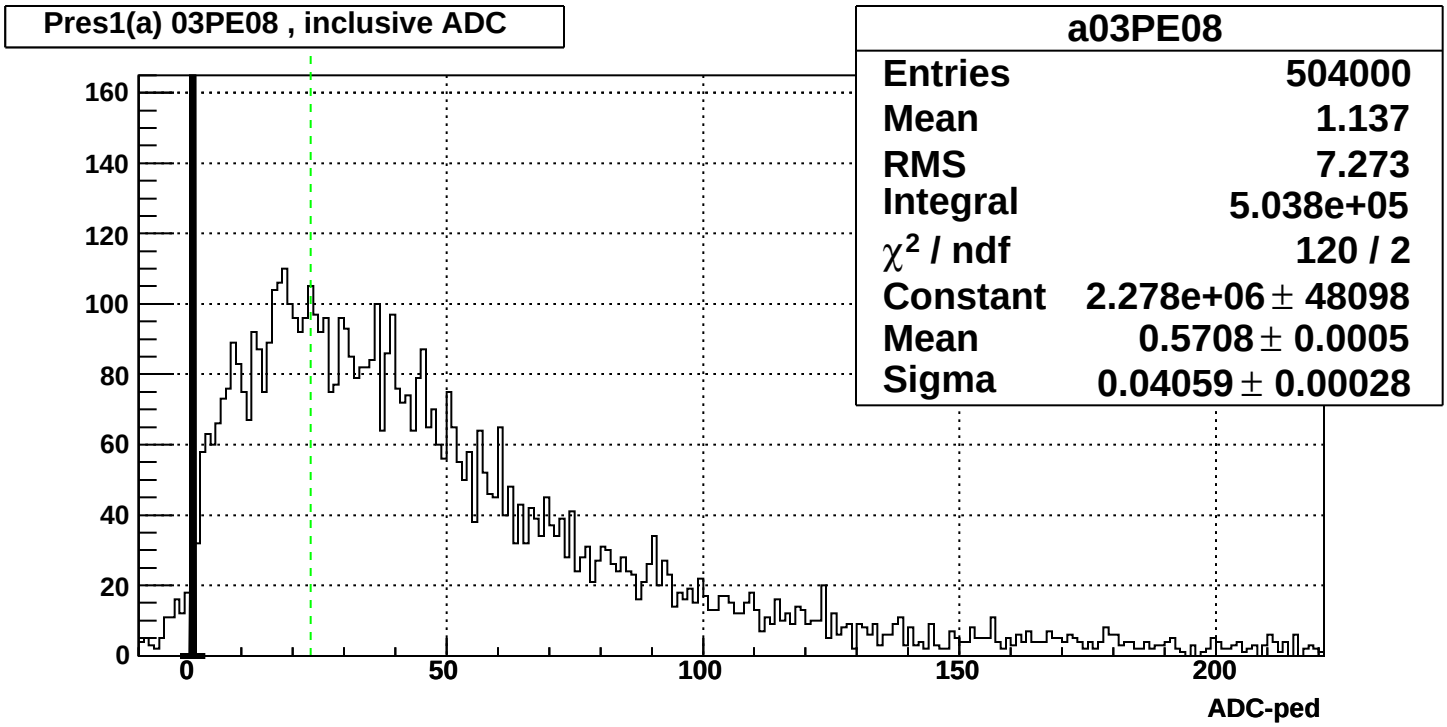

Pres1(d) 03PB08 , ADC, tag: UxV 2*thr
d03PB08
Entries 74
Mean 31.57
RMS 22.13
Integral 74
χ² / ndf 20.17 / 17
ampl-G 4.452 ± 3.714
const-L 18.68 ± 4.18
MPV-L 23.88 ± 8.11
sig-L 16.12 ± 5.96
ADC-ped

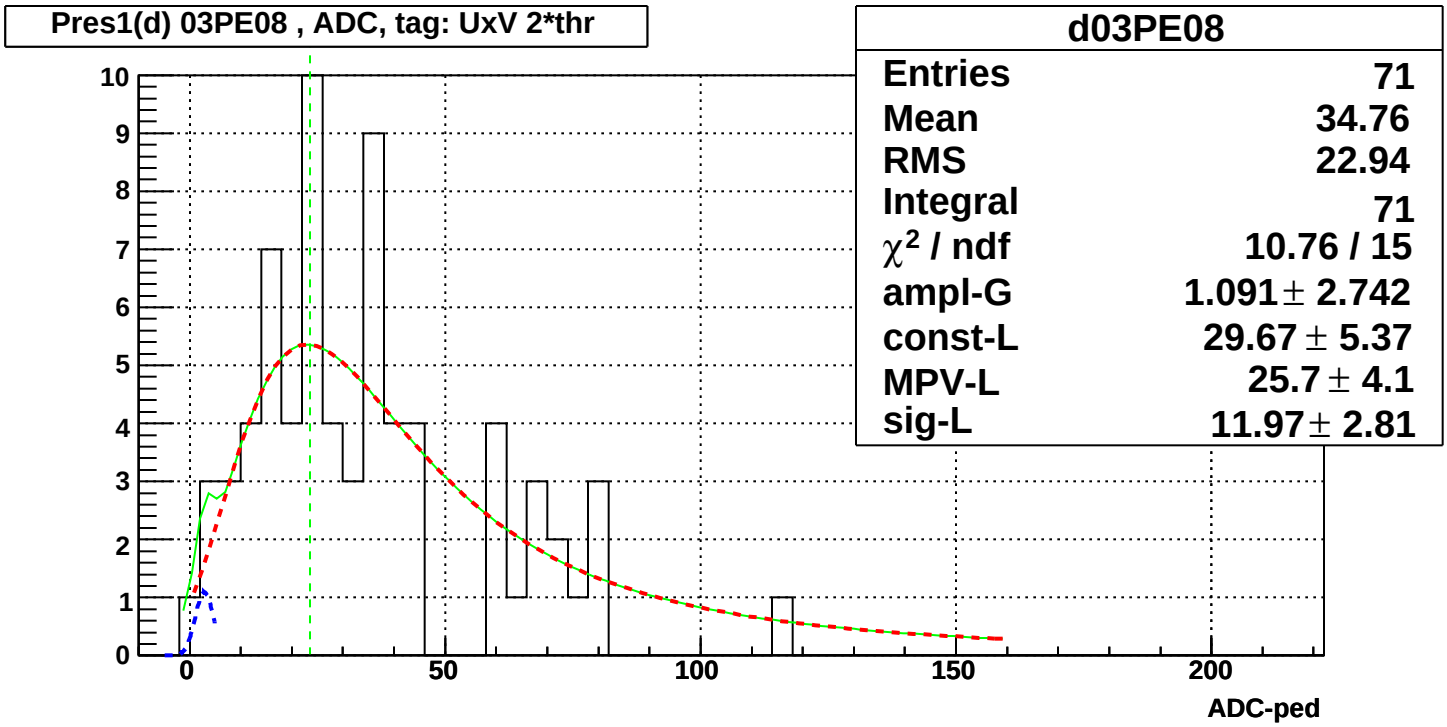

Pres1(a) 03PC08 , inclusive ADC
a03PC08
Entries 504000
Mean 1.063
RMS 6.748
Integral 5.038e+05
χ² / ndf 143 / 2
Constant 2.218e+06 ± 46814
Mean 0.5711 ± 0.0005
Sigma 0.04113 ± 0.00029
ADC-ped

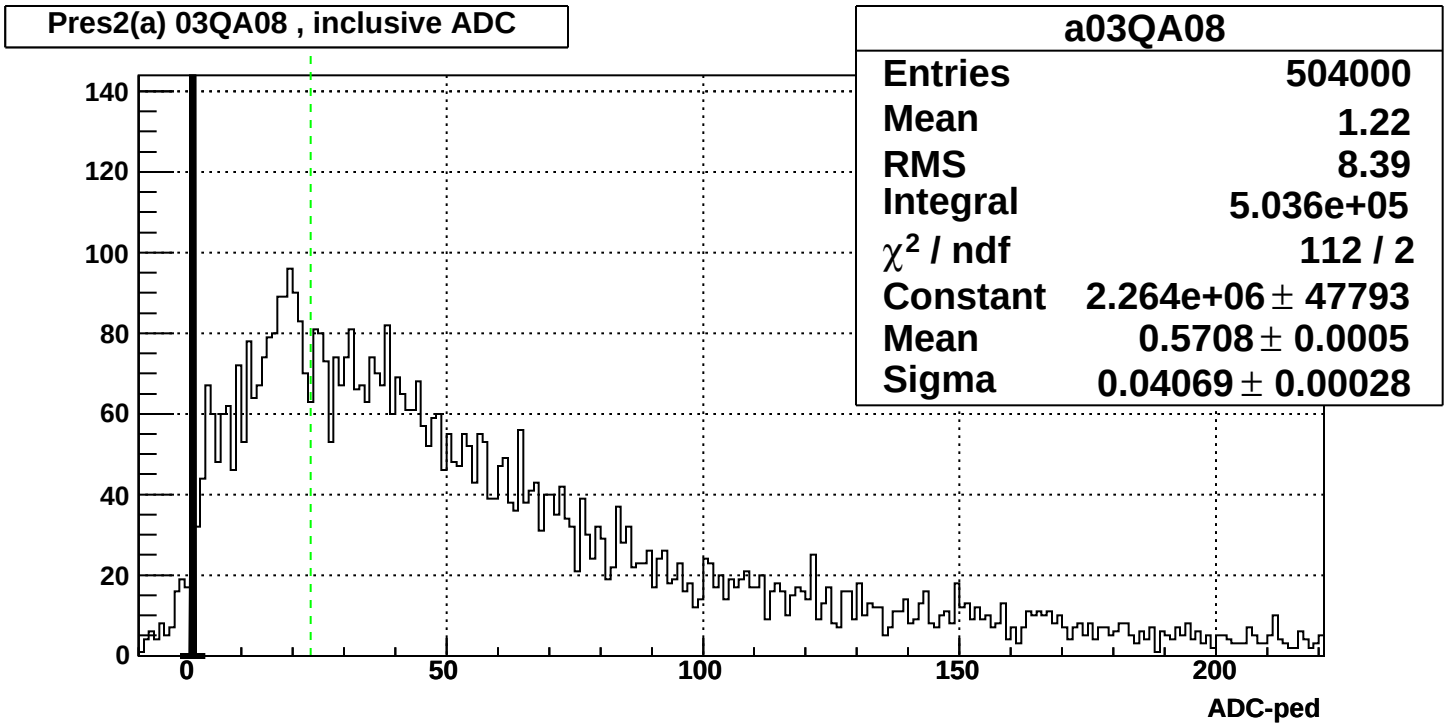

Pres1(d) 03PC08 , ADC, tag: UxV 2*thr
d03PC08
Entries 83
Mean 29.78
RMS 20.67
Integral 83
χ² / ndf 13.21 / 16
ampl-G 3.666 ± 2.389
const-L 37.73 ± 6.94
MPV-L 21.57 ± 2.56
sig-L 8.374 ± 1.652
ADC-ped

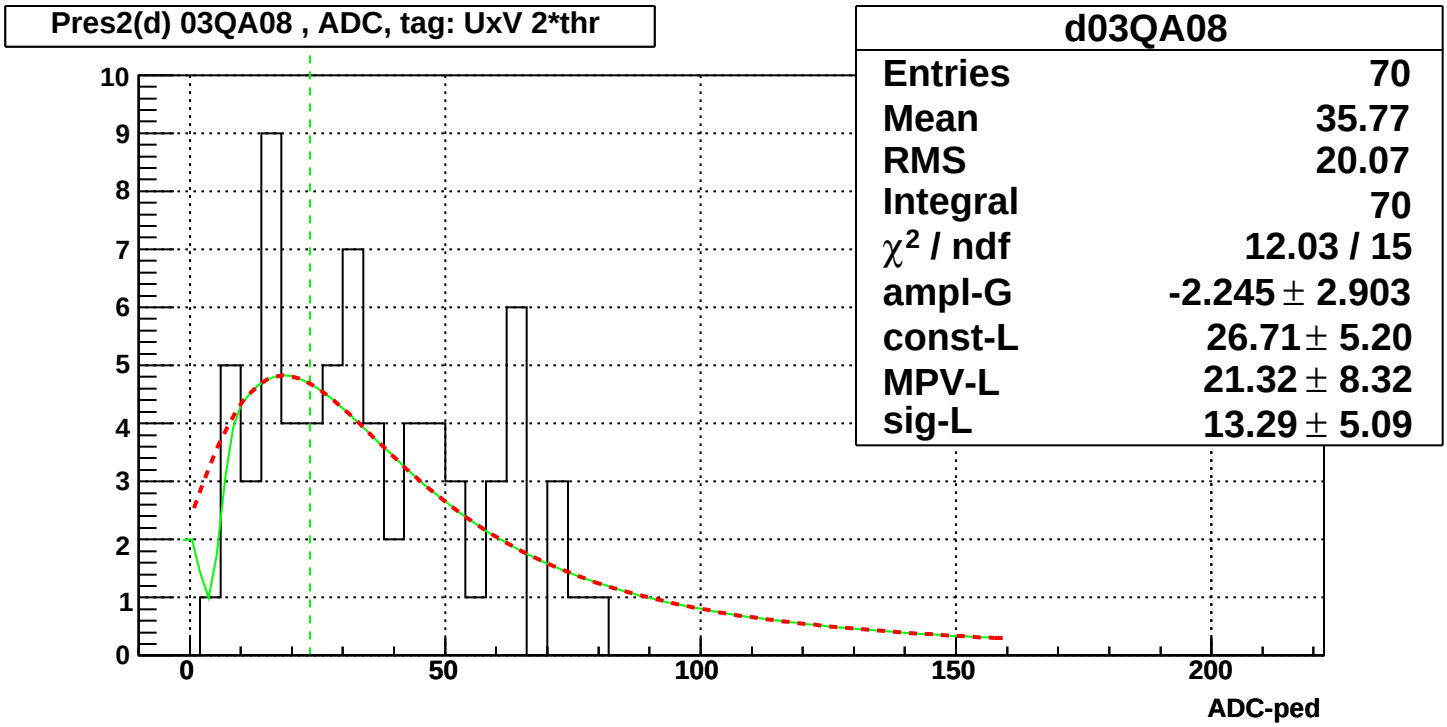

Pres1(a) 03PD08 , inclusive ADC
a03PD08
Entries 504000
Mean 1.106
RMS 7.011
Integral 5.038e+05
χ² / ndf 131 / 2
Constant 2.146e+06 ± 45312
Mean 0.5714 ± 0.0005
Sigma 0.04177 ± 0.00030
ADC-ped

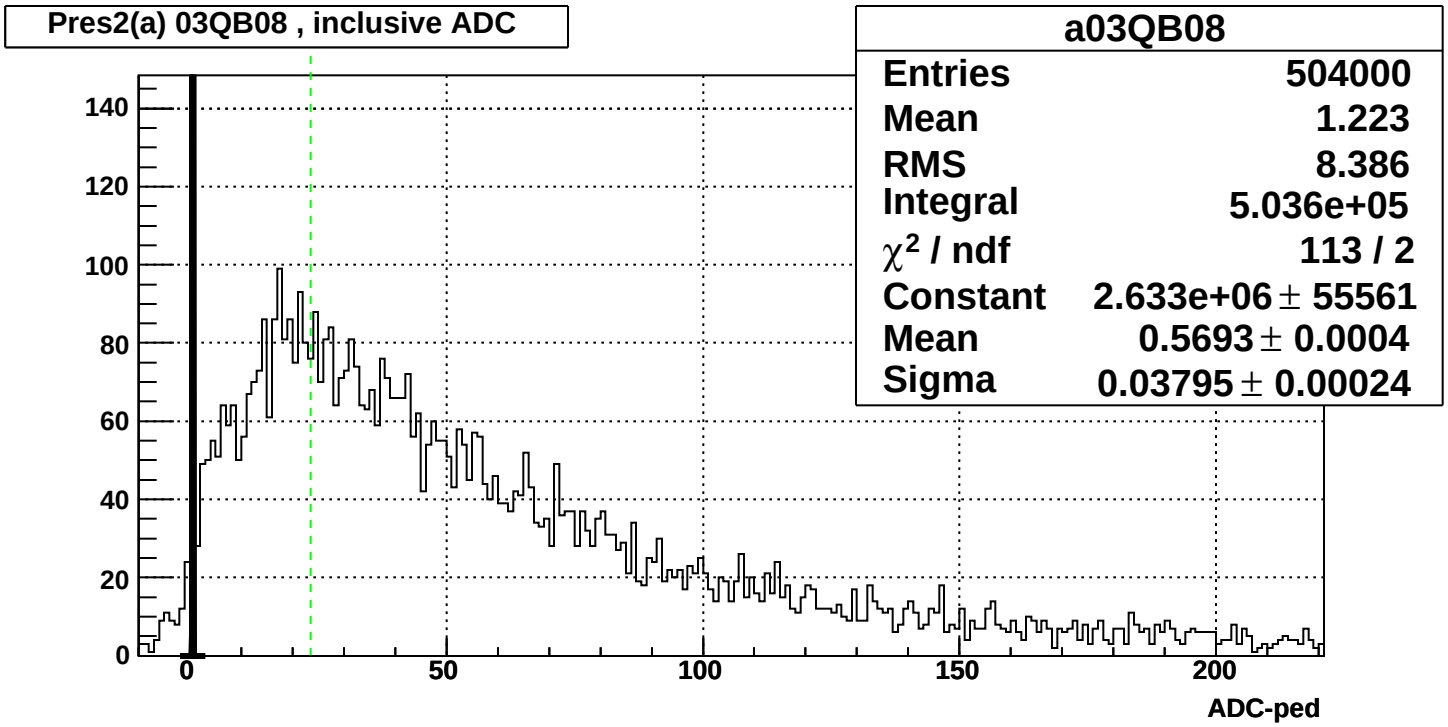

Pres1(d) 03PD08 , ADC, tag: UxV 2*thr
d03PD08
Entries 77
Mean 32.64
RMS 20.79
Integral 75
χ² / ndf 22.31 / 15
ampl-G 2.947 ± 1.931
const-L 37.33 ± 9.72
MPV-L 18.22 ± 2.48
sig-L 6.187 ± 1.752
ADC-ped

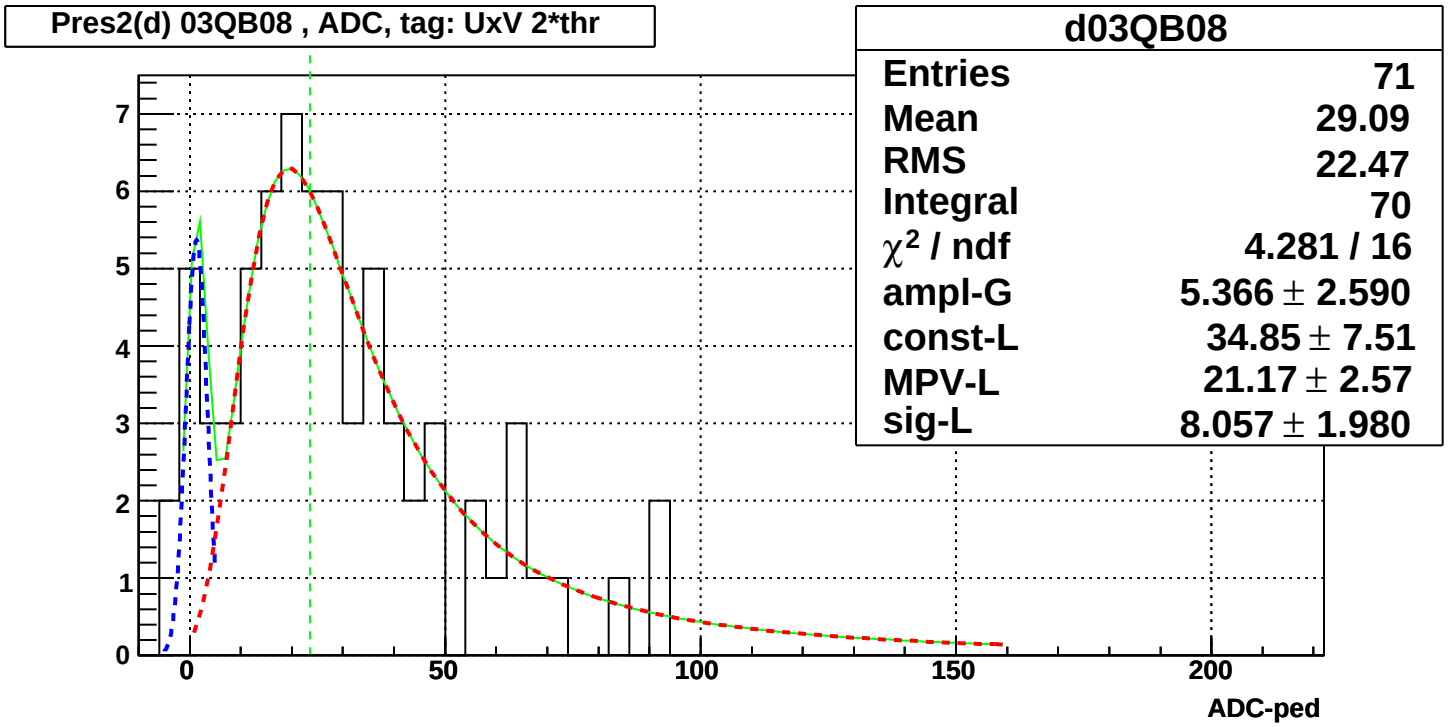

Pres1(a) 03PE08 , inclusive ADC
a03PE08
Entries 504000
Mean 1.137
RMS 7.273
Integral 5.038e+05
χ² / ndf 120 / 2
Constant 2.278e+06 ± 48098
Mean 0.5708 ± 0.0005
Sigma 0.04059 ± 0.00028
ADC-ped

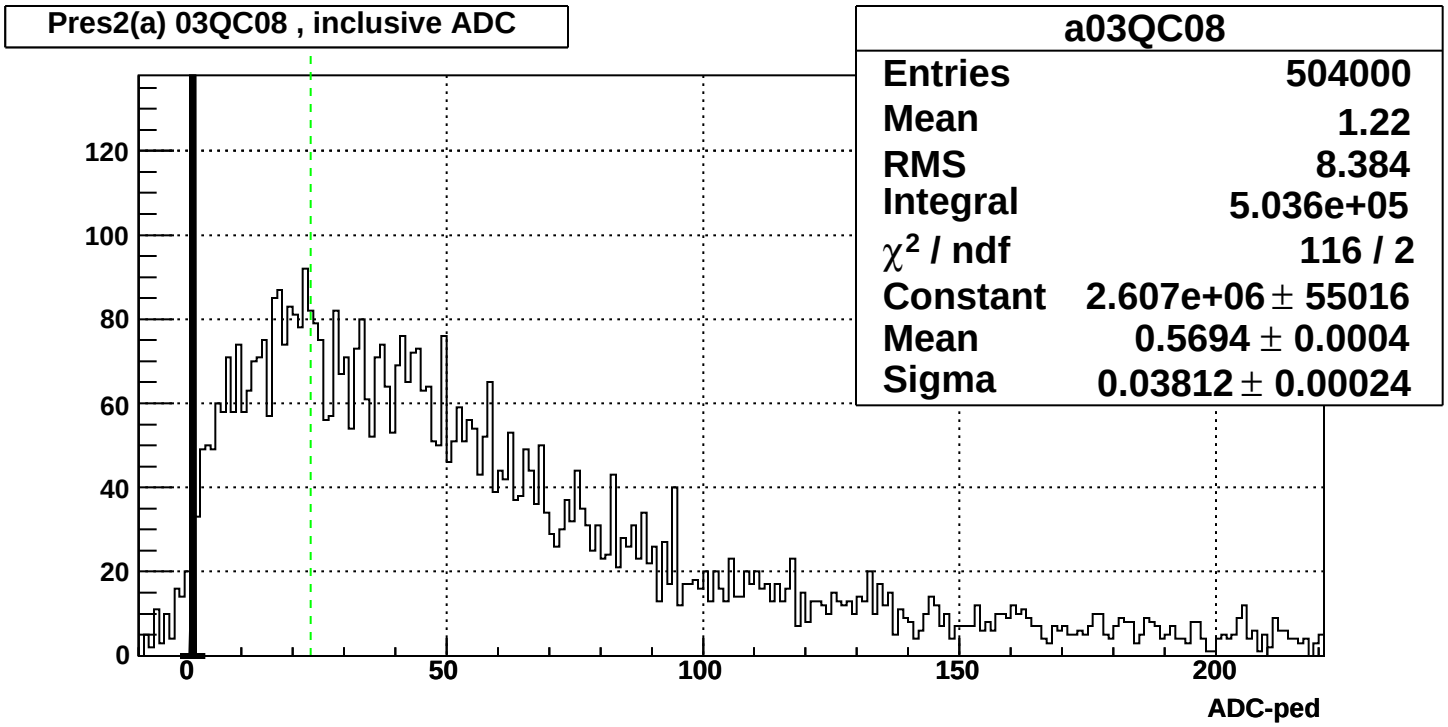

Pres1(d) 03PE08 , ADC, tag: UxV 2*thr
d03PE08
Entries 71
Mean 34.76
RMS 22.94
Integral 71
χ² / ndf 10.76 / 15
ampl-G 1.091 ± 2.742
const-L 29.67 ± 5.37
MPV-L 25.7 ± 4.1
sig-L 11.97 ± 2.81
ADC-ped

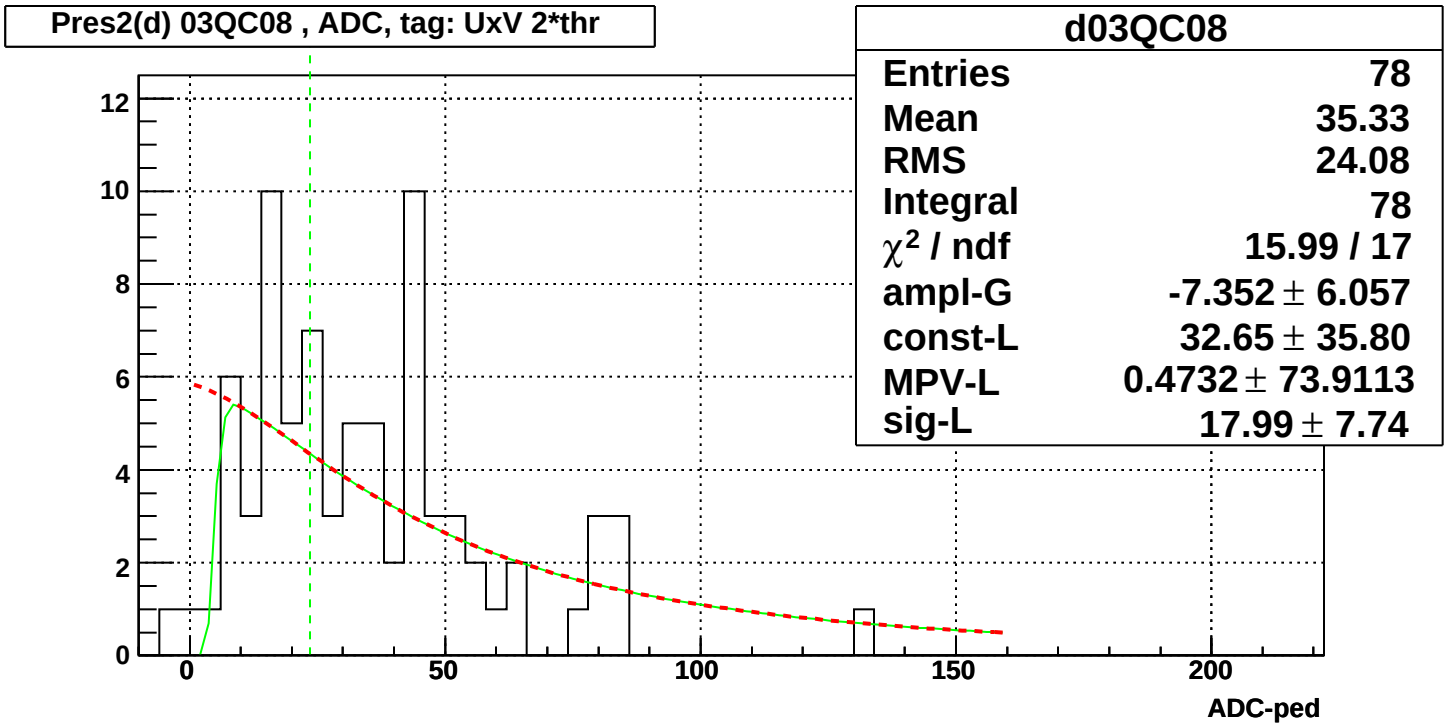

Pres2(a) 03QA08 , inclusive ADC
a03QA08
Entries 504000
Mean 1.22
RMS 8.39
Integral 5.036e+05
χ² / ndf 112 / 2
Constant 2.264e+06 ± 47793
Mean 0.5708 ± 0.0005
Sigma 0.04069 ± 0.00028
ADC-ped

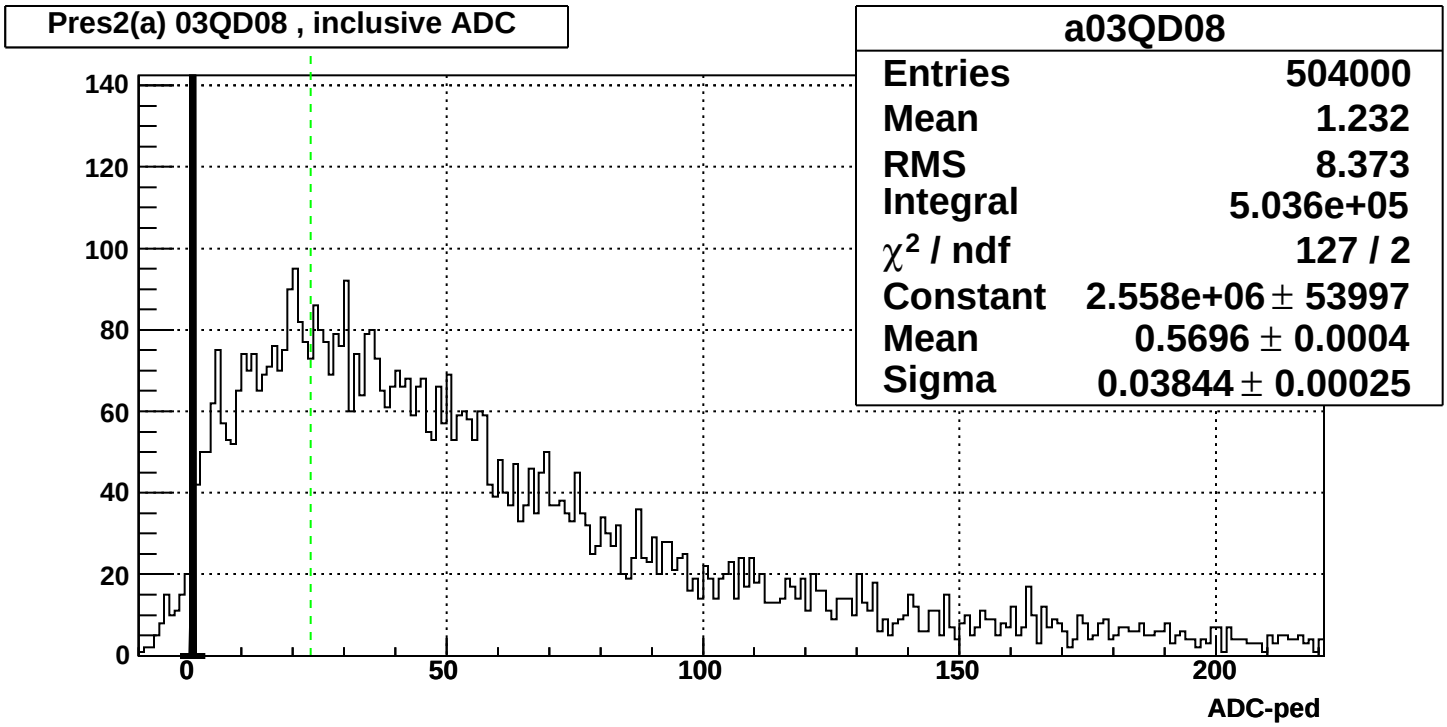

Pres2(d) 03QA08 , ADC, tag: UxV 2*thr
d03QA08
Entries 70
Mean 35.77
RMS 20.07
Integral 70
χ² / ndf 12.03 / 15
ampl-G -2.245 ± 2.903
const-L 26.71 ± 5.20
MPV-L 21.32 ± 8.32
sig-L 13.29 ± 5.09
ADC-ped

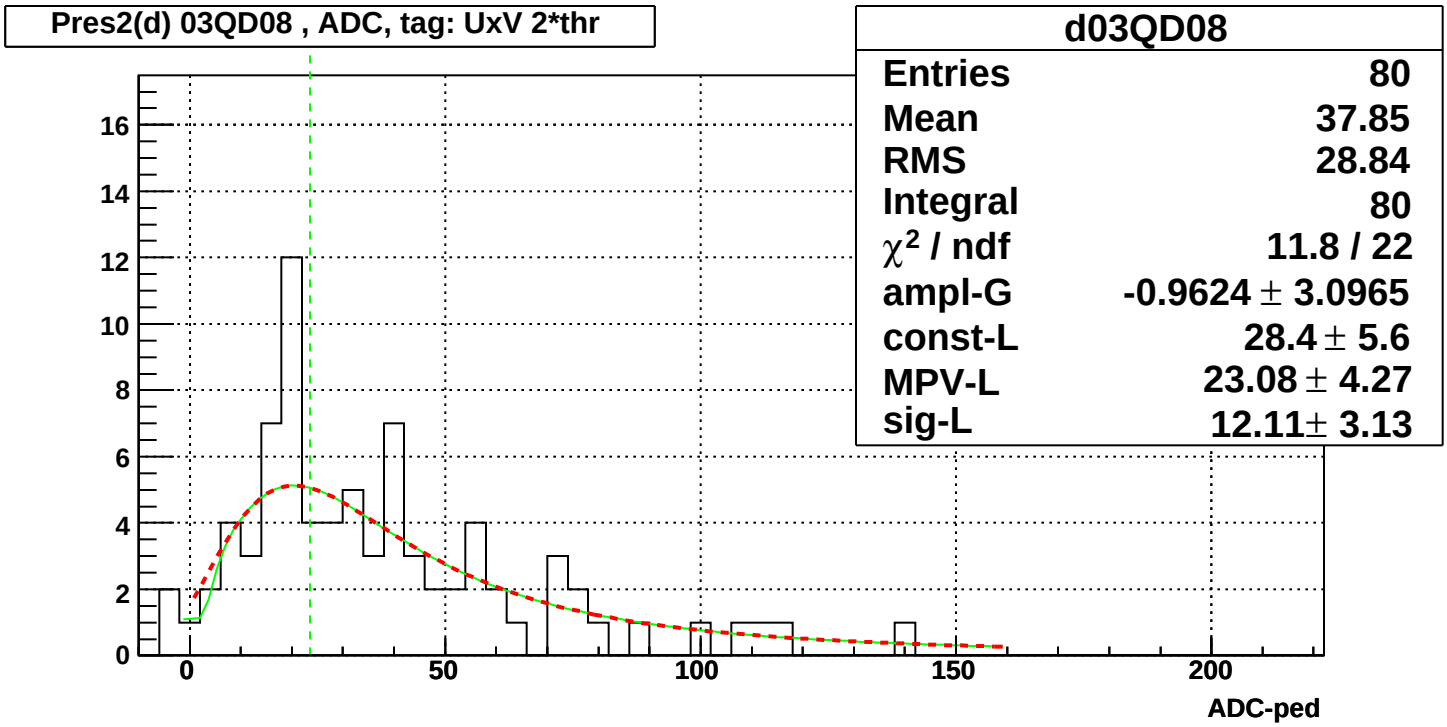

Pres2(a) 03QB08 , inclusive ADC
a03QB08
Entries 504000
Mean 1.223
RMS 8.386
Integral 5.036e+05
χ² / ndf 113 / 2
Constant 2.633e+06 ± 55561
Mean 0.5693 ± 0.0004
Sigma 0.03795 ± 0.00024
ADC-ped

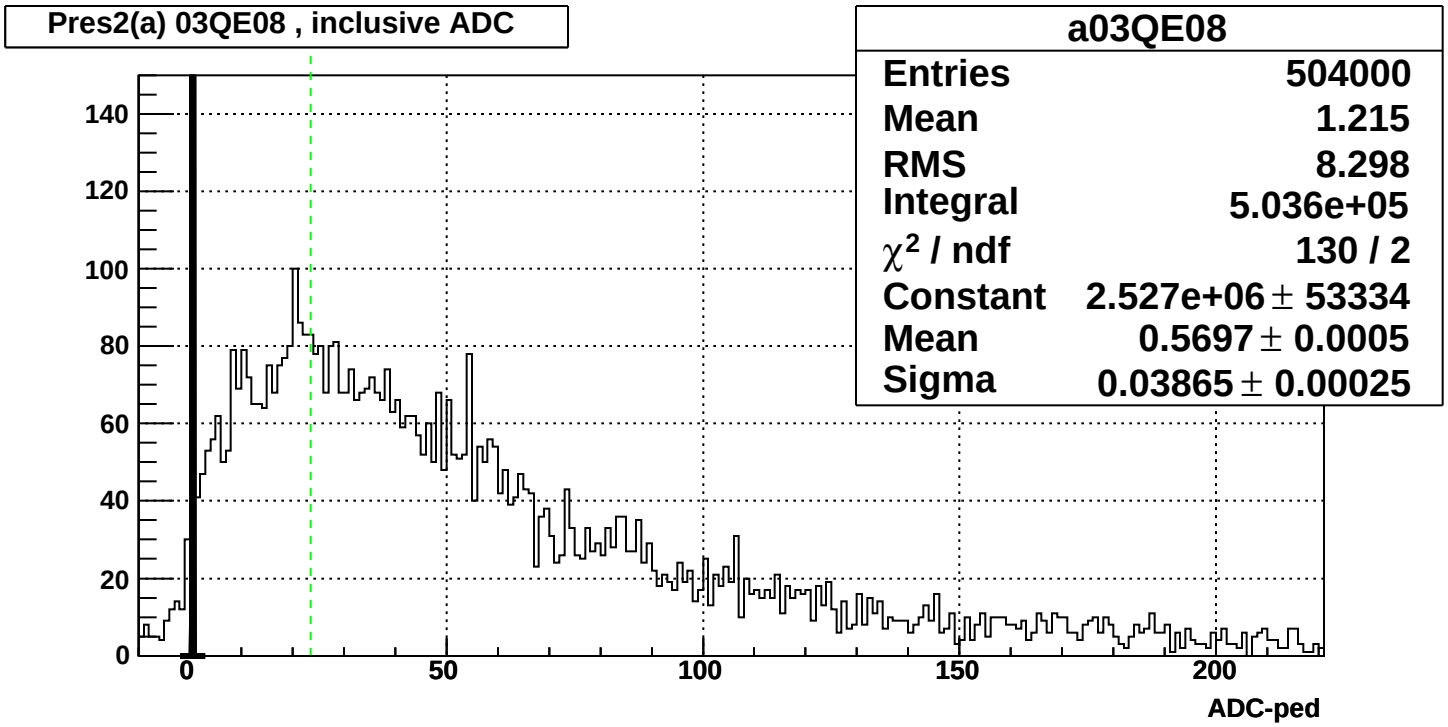

Pres2(d) 03QB08 , ADC, tag: UxV 2*thr
d03QB08
Entries 71
Mean 29.09
RMS 22.47
Integral 70
χ² / ndf 4.281 / 16
ampl-G 5.366 ± 2.590
const-L 34.85 ± 7.51
MPV-L 21.17 ± 2.57
sig-L 8.057 ± 1.980
ADC-ped

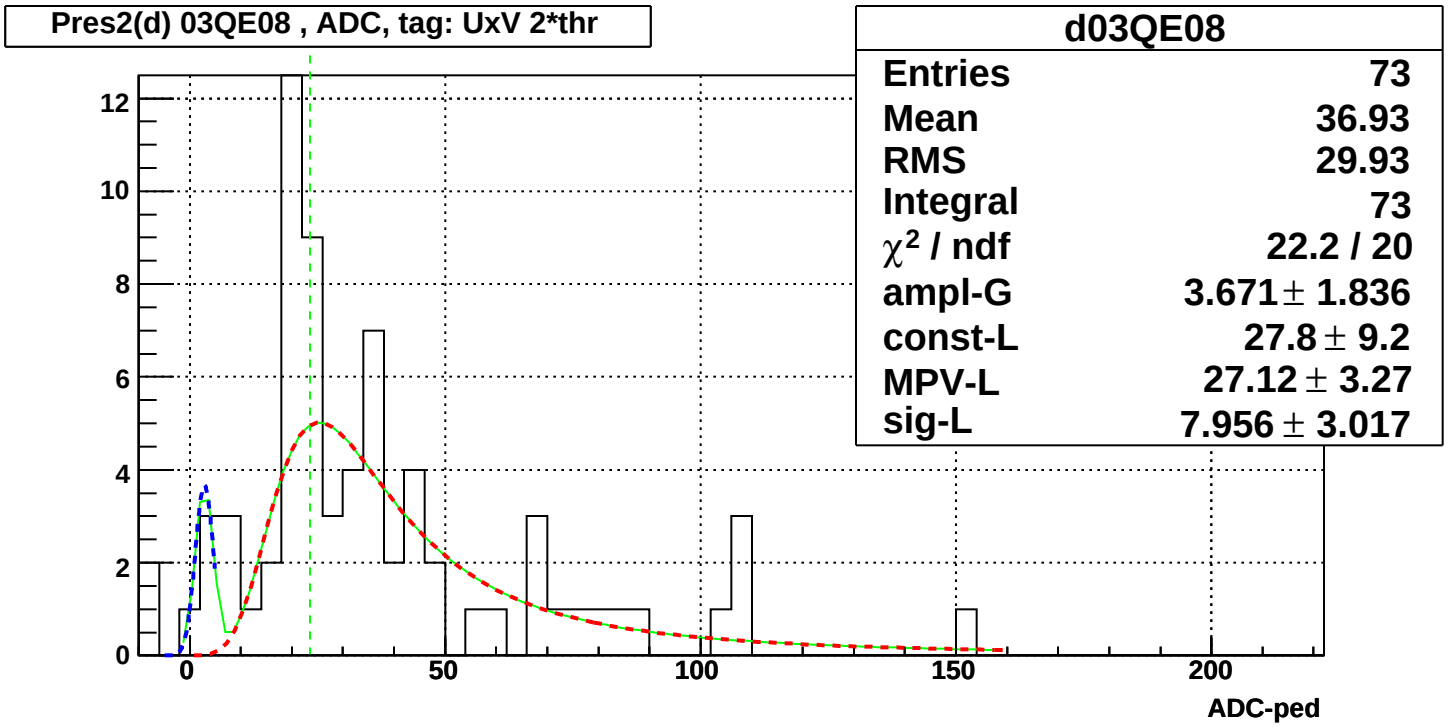

Pres2(a) 03QC08 , inclusive ADC
a03QC08
Entries 504000
Mean 1.22
RMS 8.384
Integral 5.036e+05
χ² / ndf 116 / 2
Constant 2.607e+06 ± 55016
Mean 0.5694 ± 0.0004
Sigma 0.03812 ± 0.00024
0
20
40
60
80
100
120
0
50
100
150
200
ADC-ped

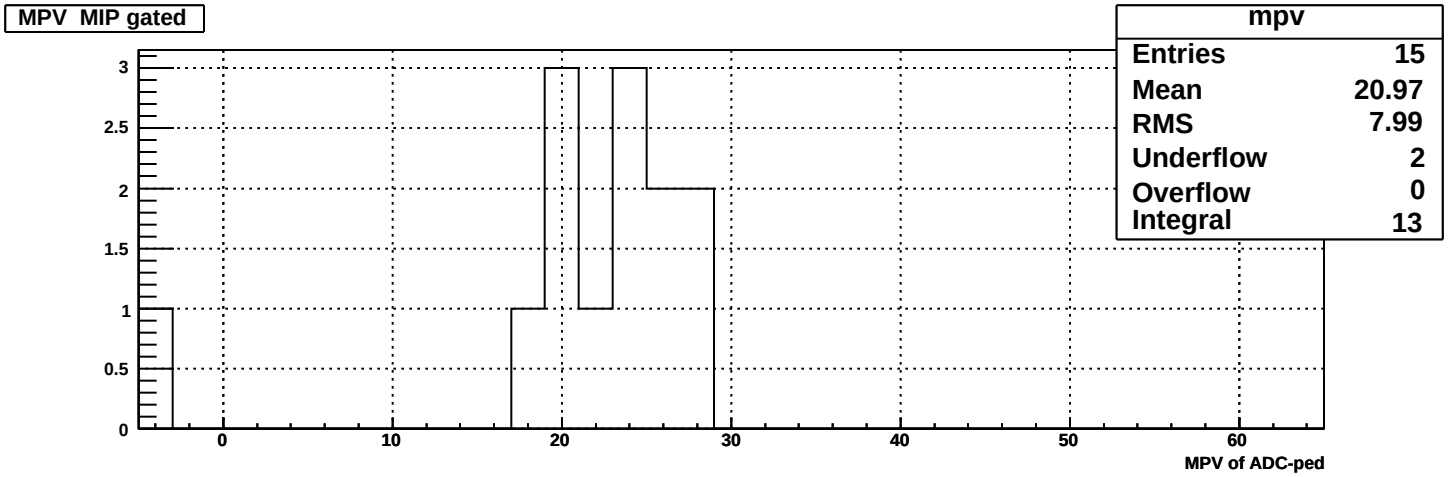

Pres2(d) 03QC08 , ADC, tag: UxV 2*thr
d03QC08
Entries 78
Mean 35.33
RMS 24.08
Integral 78
χ² / ndf 15.99 / 17
ampl-G -7.352 ± 6.057
const-L 32.65 ± 35.80
MPV-L 0.4732 ± 73.9113
sig-L 17.99 ± 7.74
0
2
4
6
8
10
12
0
50
100
150
200
ADC-ped

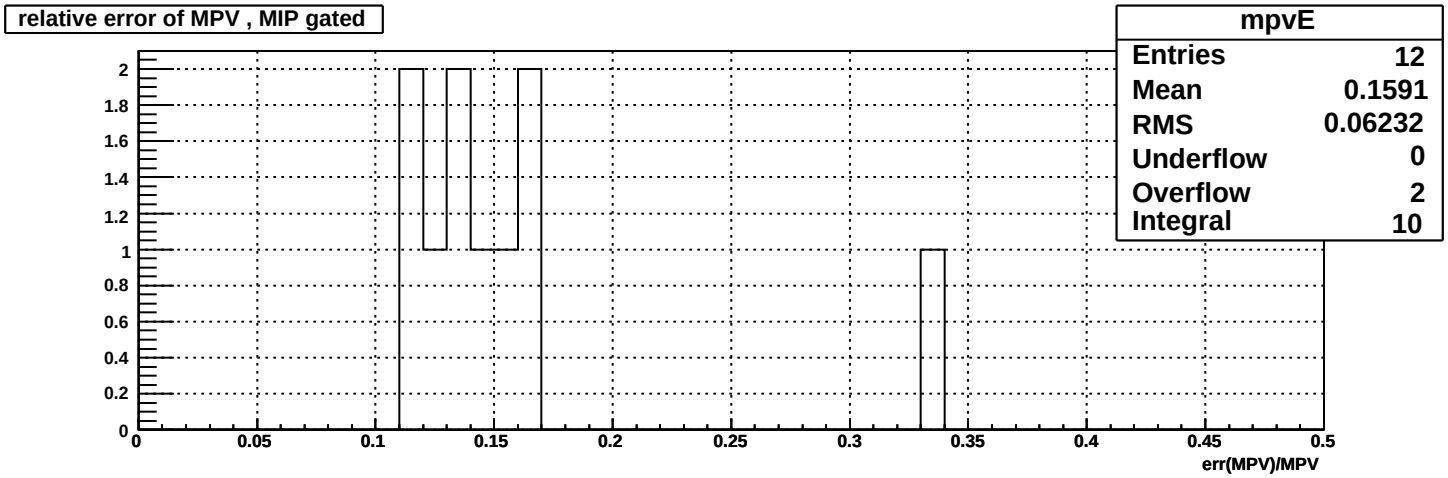

Pres2(a) 03QD08 , inclusive ADC
a03QD08
Entries 504000
Mean 1.232
RMS 8.373
Integral 5.036e+05
χ² / ndf 127 / 2
Constant 2.558e+06 ± 53997
Mean 0.5696 ± 0.0004
Sigma 0.03844 ± 0.00025
ADC-ped

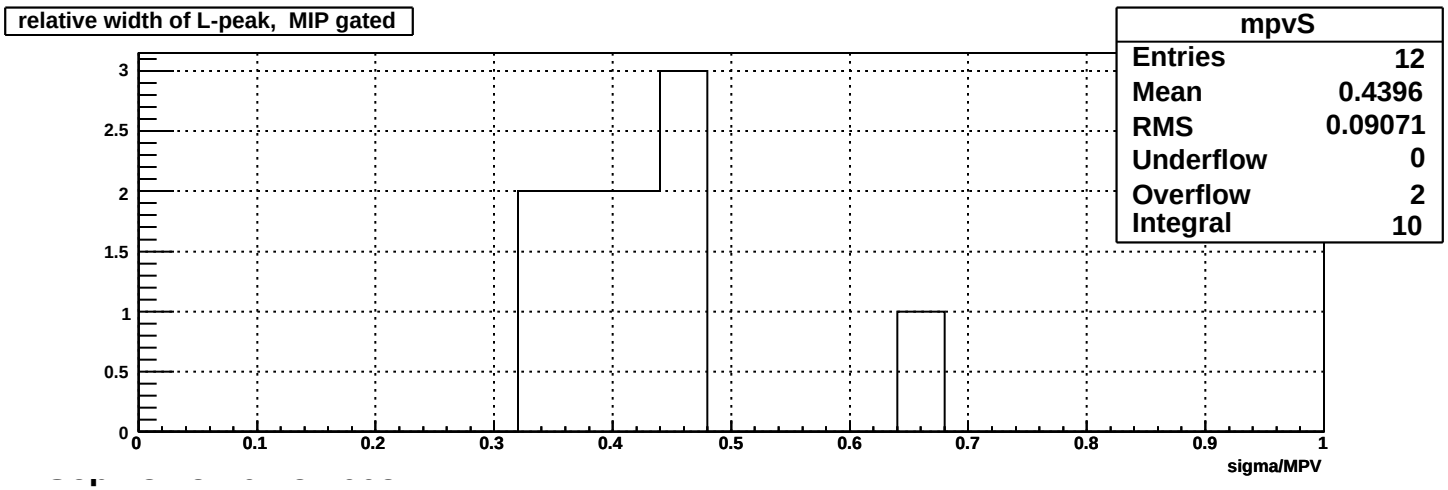

Pres2(d) 03QD08 , ADC, tag: UxV 2*thr
d03QD08
Entries 80
Mean 37.85
RMS 28.84
Integral 80
χ² / ndf 11.8 / 22
ampl-G -0.9624 ± 3.0965
const-L 28.4 ± 5.6
MPV-L 23.08 ± 4.27
sig-L 12.11± 3.13
ADC-ped


Pres2(a) 03QE08 , inclusive ADC
a03QE08
Entries 504000
Mean 1.215
RMS 8.298
Integral 5.036e+05
χ² / ndf 130 / 2
Constant 2.527e+06 ± 53334
Mean 0.5697 ± 0.0005
Sigma 0.03865 ± 0.00025
ADC-ped


Pres2(d) 03QE08 , ADC, tag: UxV 2*thr
d03QE08
Entries 73
Mean 36.93
RMS 29.93
Integral 73
χ² / ndf 22.2 / 20
ampl-G 3.671 ± 1.836
const-L 27.8 ± 9.2
MPV-L 27.12 ± 3.27
sig-L 7.956 ± 3.017
ADC-ped


MPV MIP gated
mpv
Entries 15
Mean 20.97
RMS 7.99
Underflow 2
Overflow 0
Integral 13
MPV of ADC-ped


relative error of MPV , MIP gated
mpvE
Entries 12
Mean 0.1591
RMS 0.06232
Underflow 0
Overflow 2
Integral 10
err(MPV)/MPV


relative width of L-peak, MIP gated
mpvS
Entries 12
Mean 0.4396
RMS 0.09071
Underflow 0
Overflow 2
Integral 10
sigma/MPV