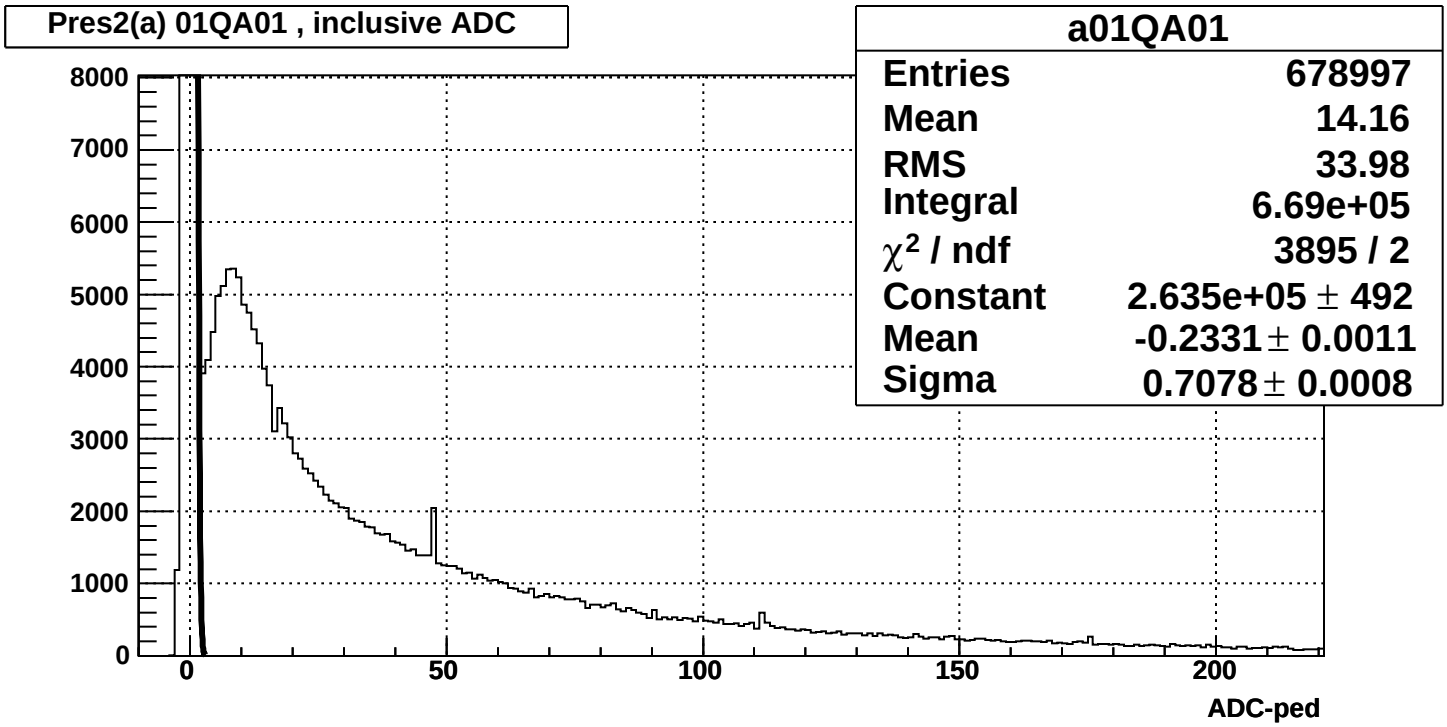
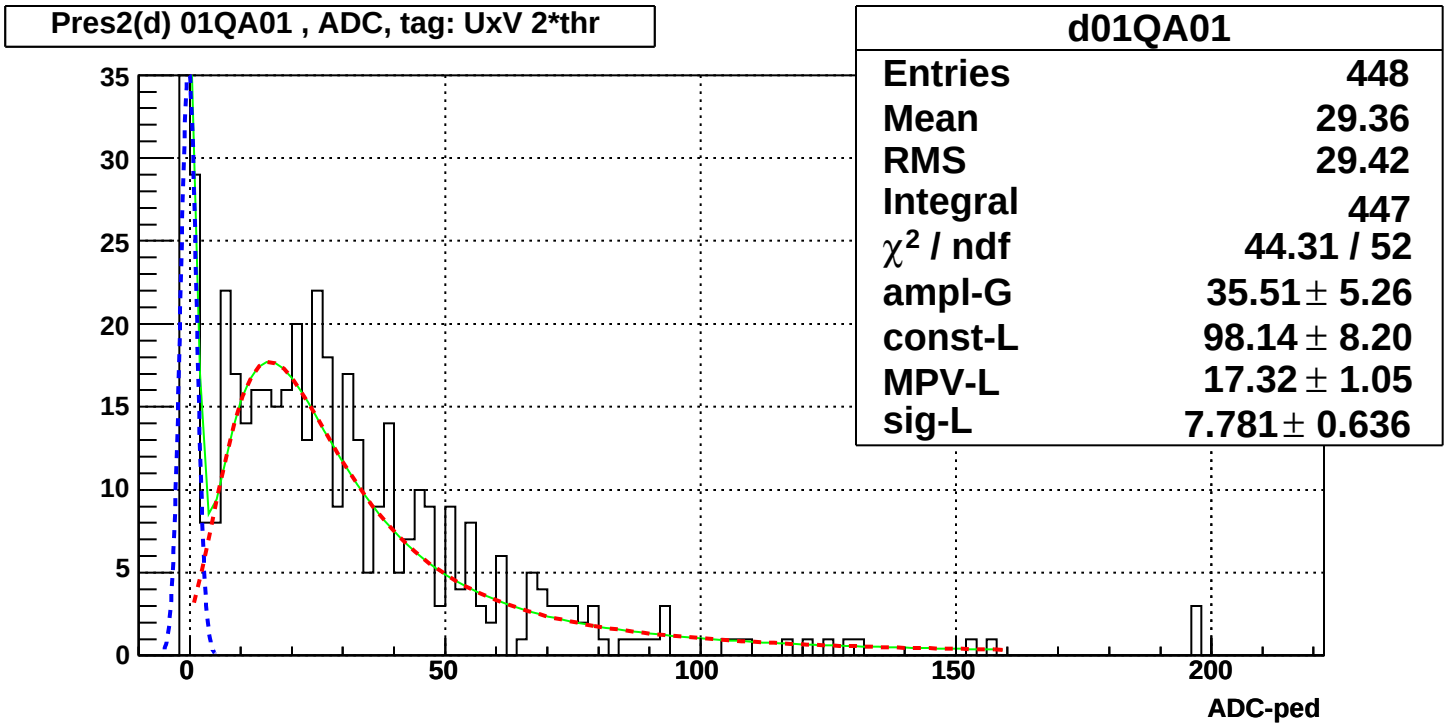
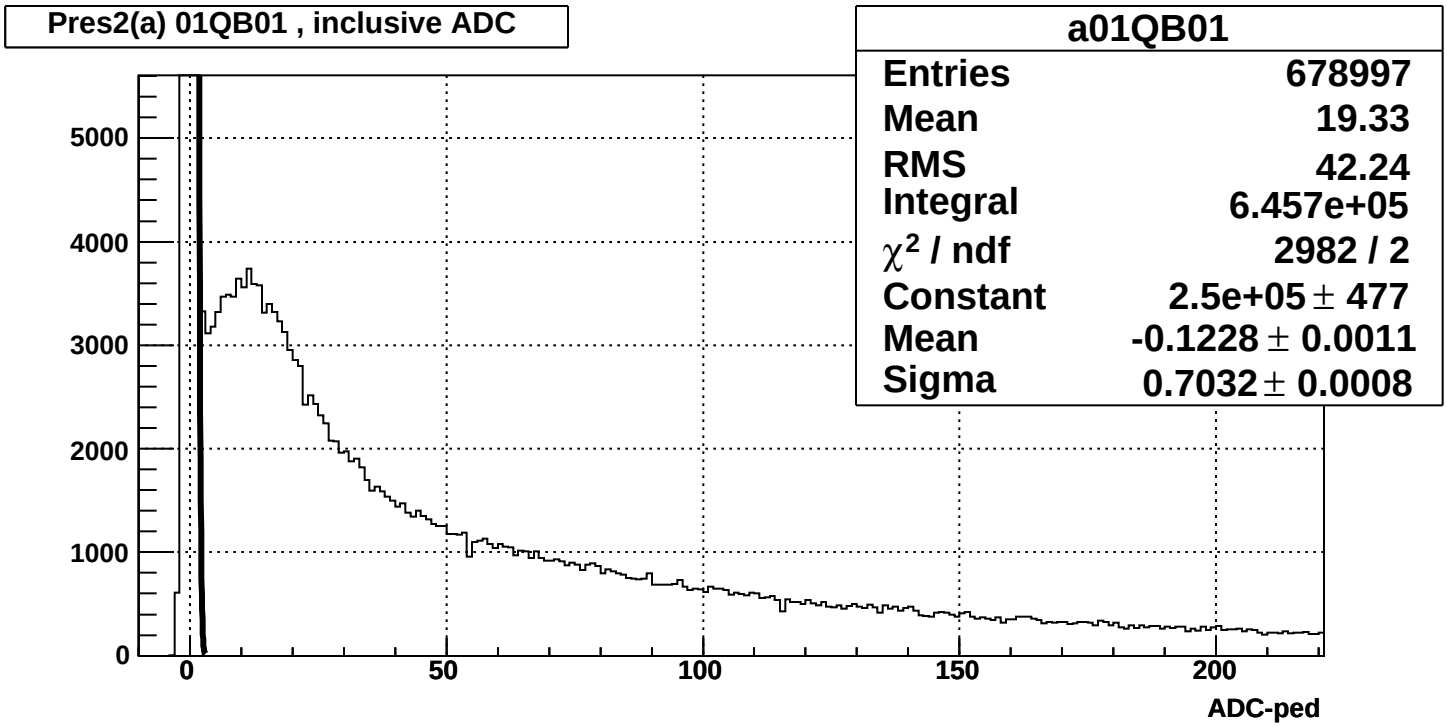
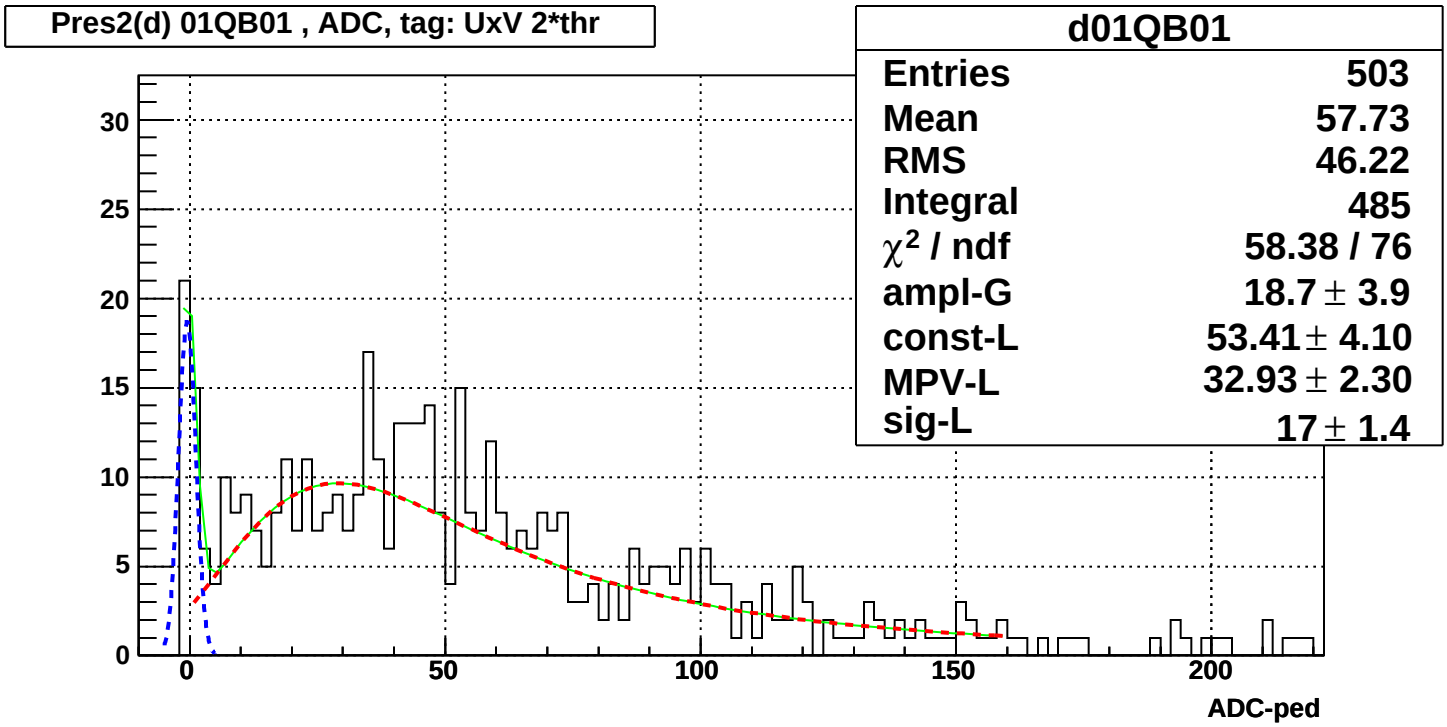
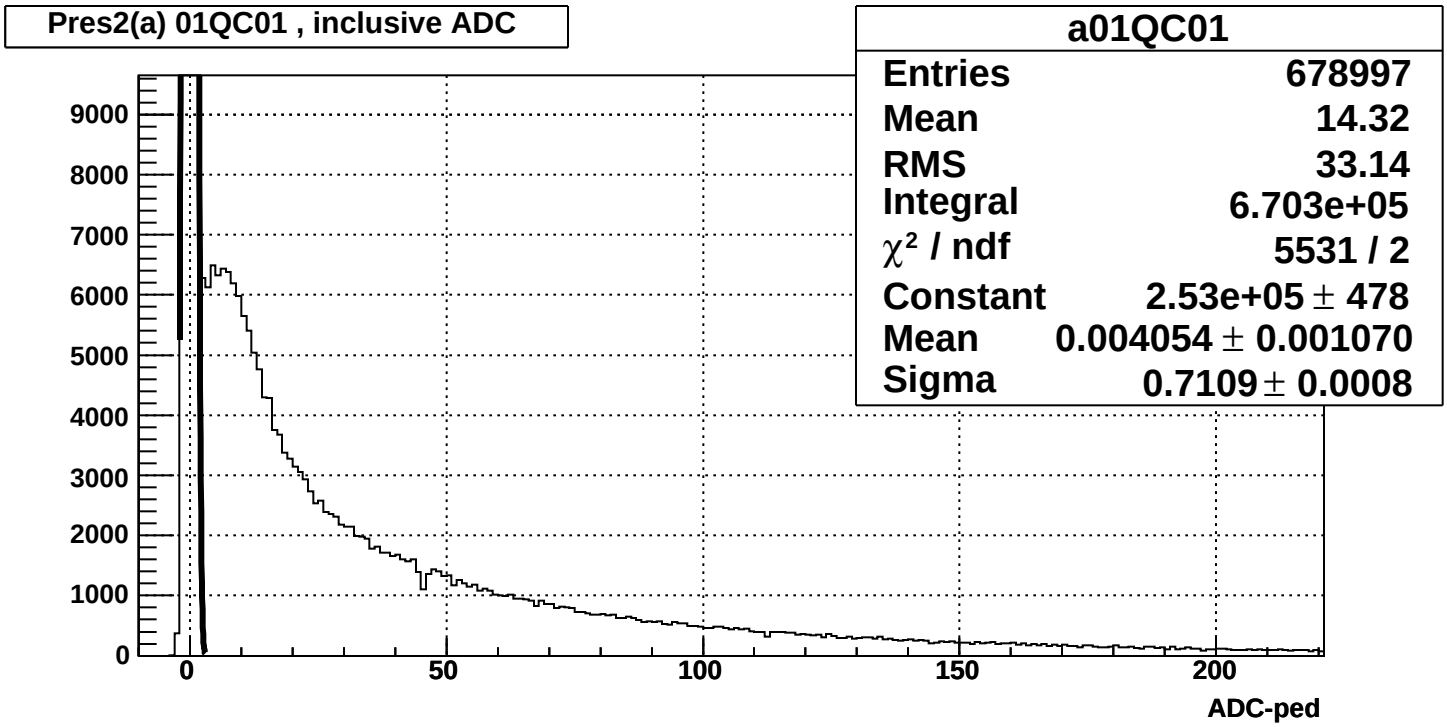
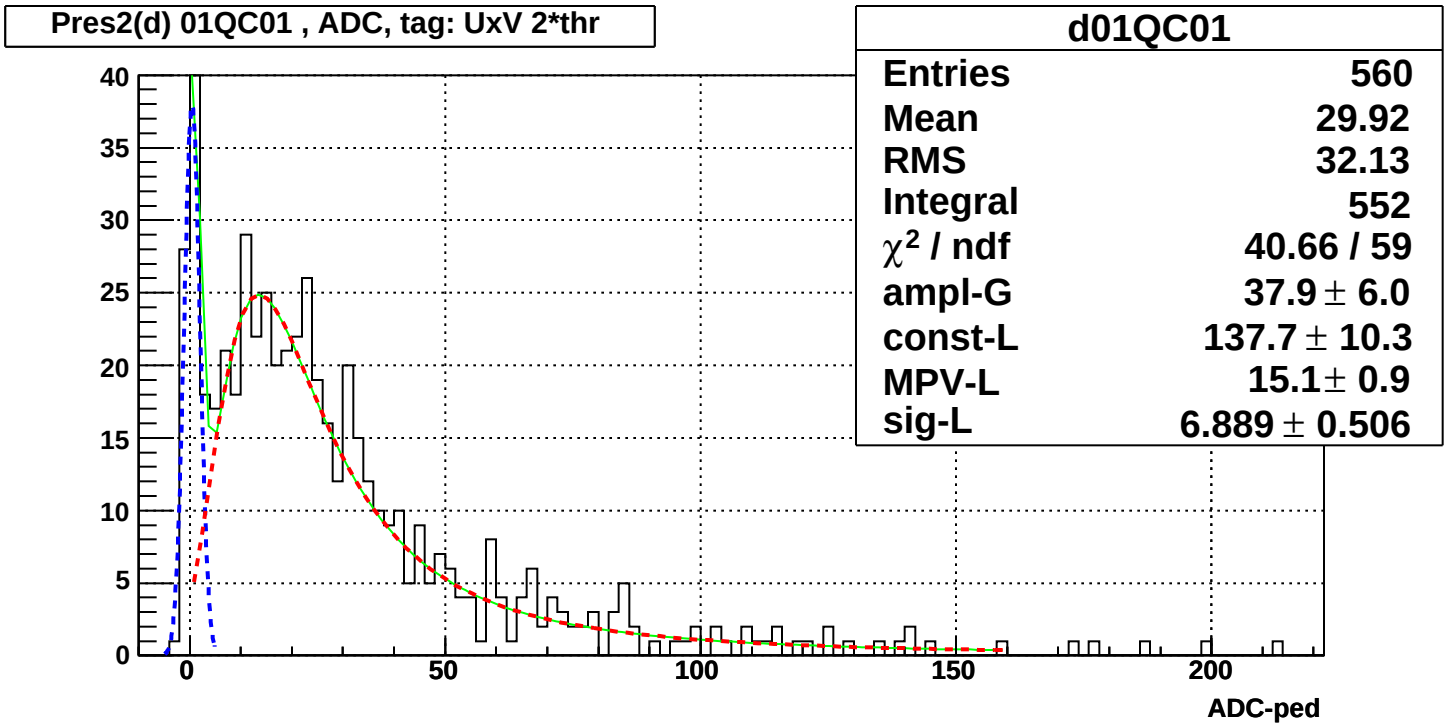

Pres2(a) 01QA01 , inclusive ADC
a01QA01
Entries 678997
Mean 14.16
RMS 33.98
Integral 6.69e+05
χ² / ndf 3895 / 2
Constant 2.635e+05 ± 492
Mean -0.2331 ± 0.0011
Sigma 0.7078 ± 0.0008
ADC-ped

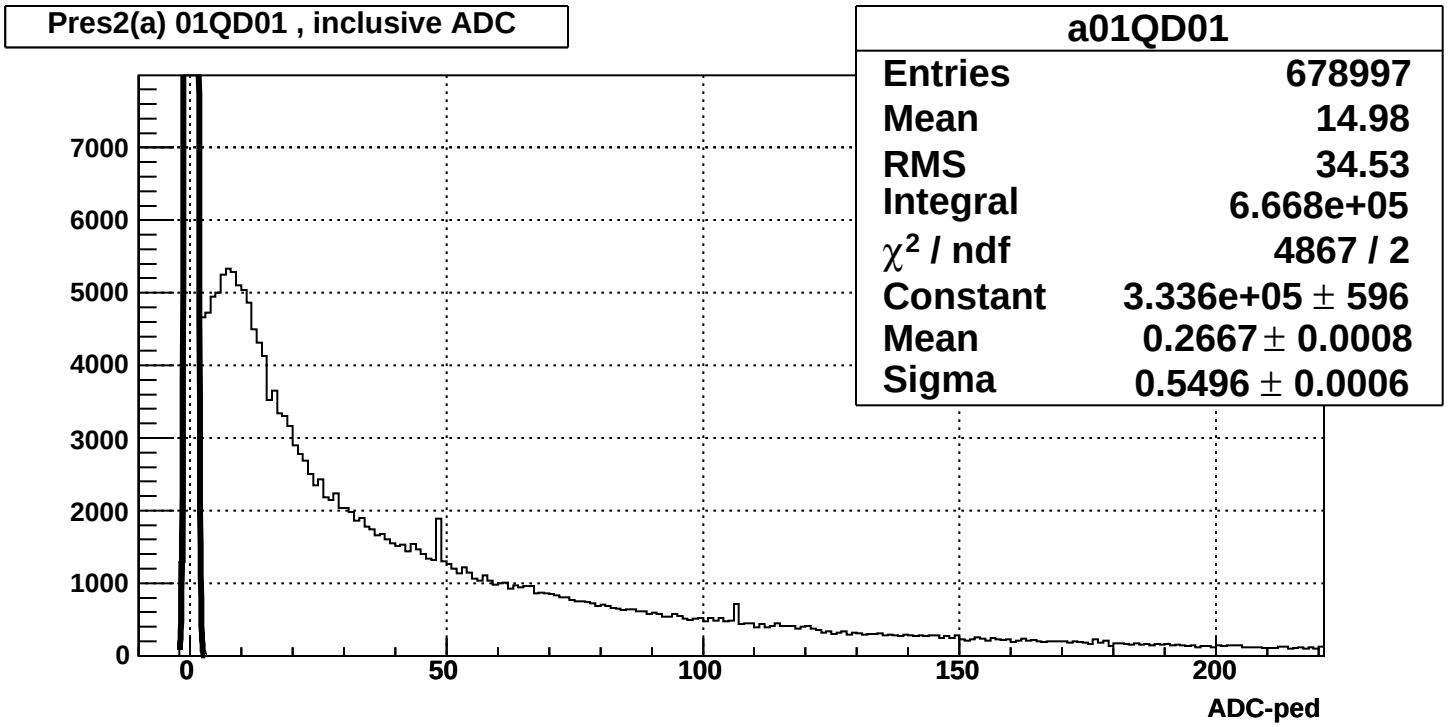

Pres2(d) 01QA01 , ADC, tag: UxV 2*thr
d01QA01
Entries 448
Mean 29.36
RMS 29.42
Integral 447
χ² / ndf 44.31 / 52
ampl-G 35.51 ± 5.26
const-L 98.14 ± 8.20
MPV-L 17.32 ± 1.05
sig-L 7.781 ± 0.636
ADC-ped

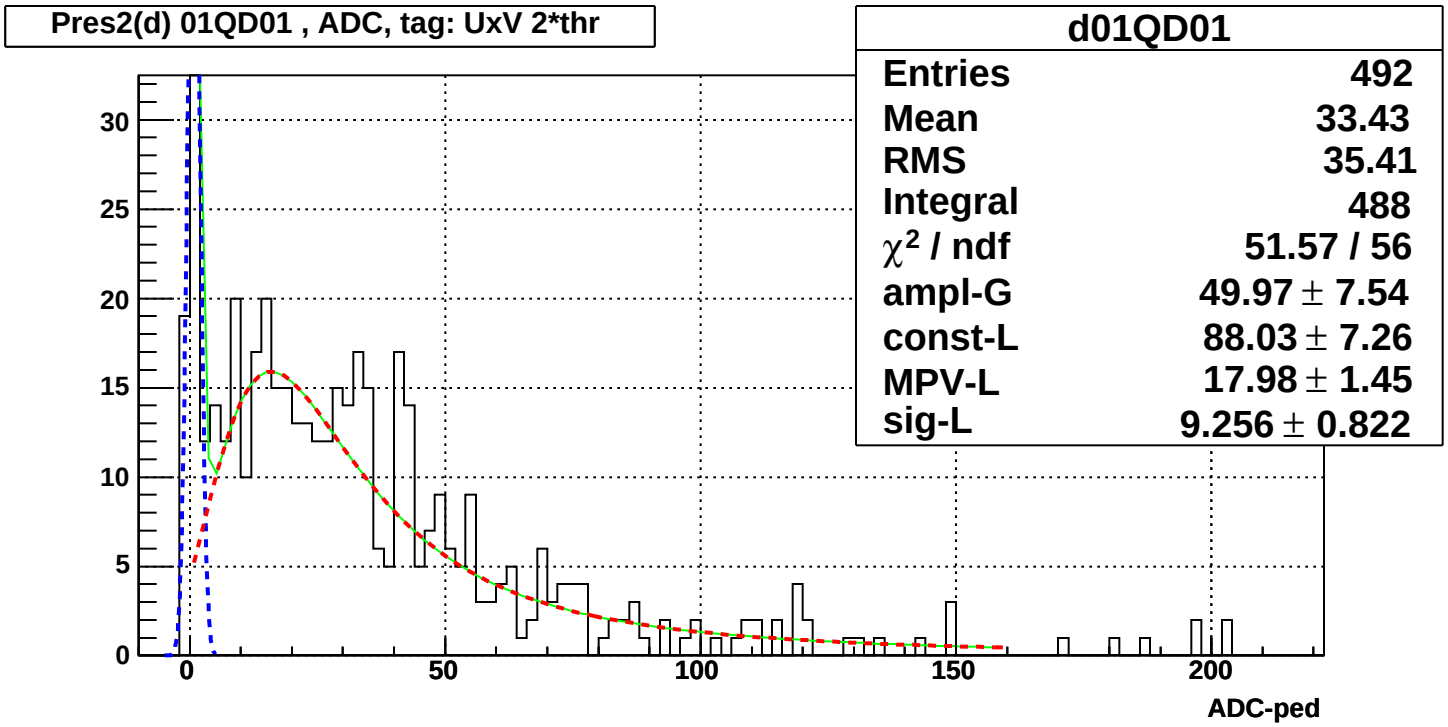

Pres2(a) 01QB01 , inclusive ADC
a01QB01
Entries 678997
Mean 19.33
RMS 42.24
Integral 6.457e+05
χ² / ndf 2982 / 2
Constant 2.5e+05 ± 477
Mean -0.1228 ± 0.0011
Sigma 0.7032 ± 0.0008
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

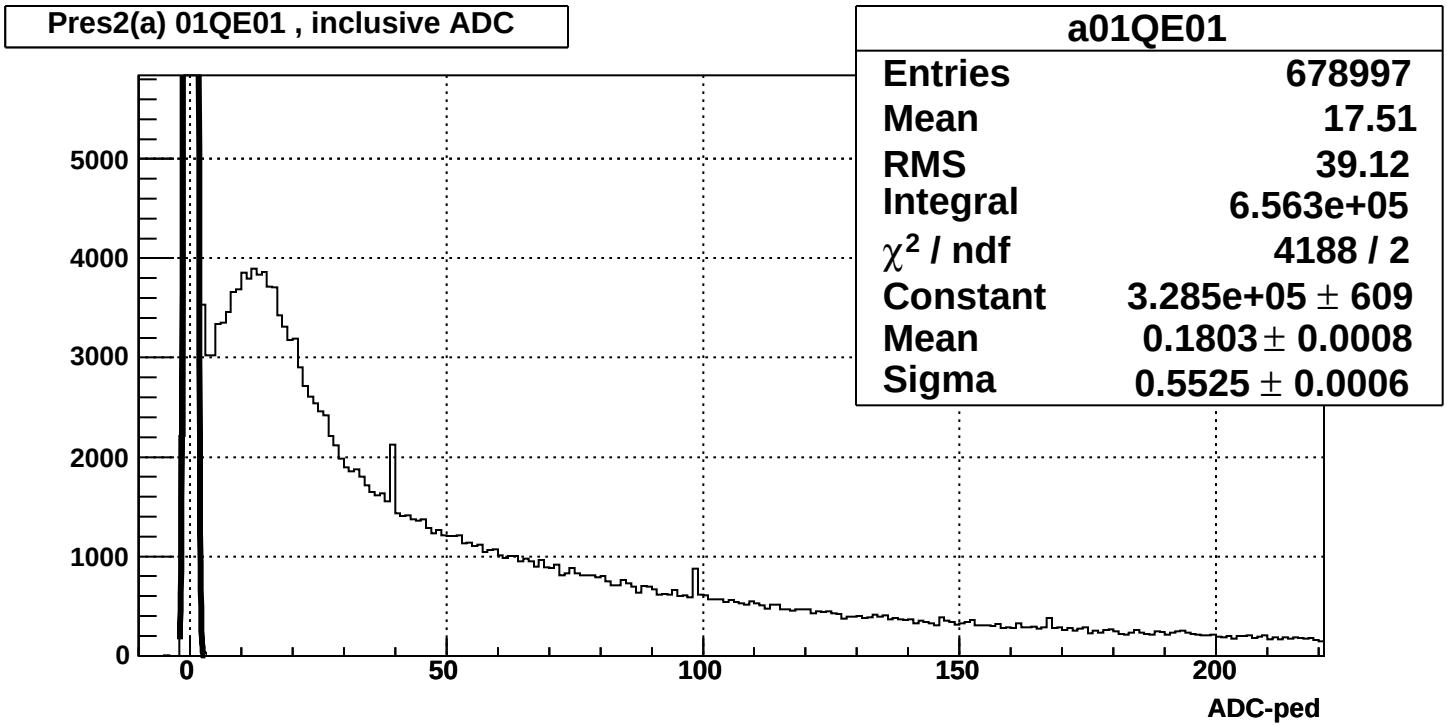

Pres2(d) 01QB01 , ADC, tag: UxV 2*thr
d01QB01
Entries 503
Mean 57.73
RMS 46.22
Integral 485
χ² / ndf 58.38 / 76
ampl-G 18.7 ± 3.9
const-L 53.41 ± 4.10
MPV-L 32.93 ± 2.30
sig-L 17 ± 1.4
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

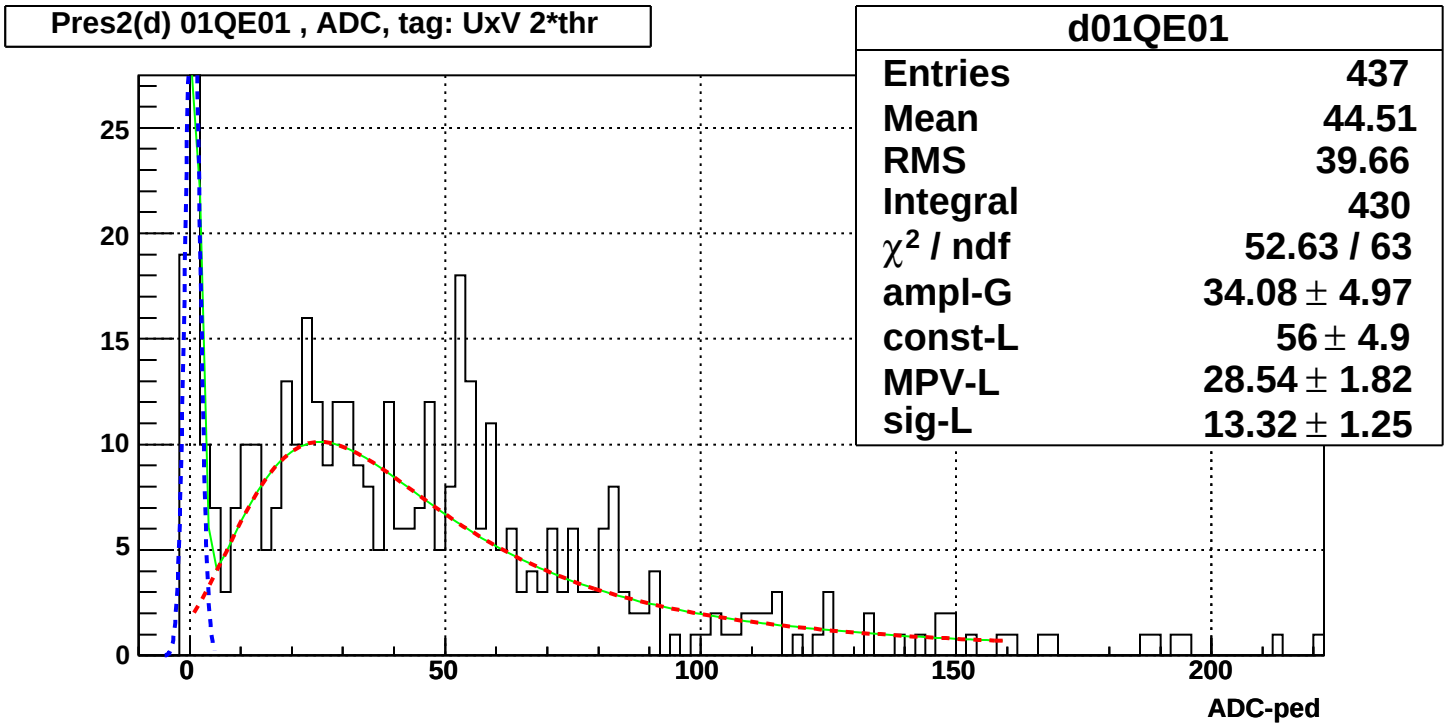

Pres2(a) 01QC01 , inclusive ADC
a01QC01
Entries 678997
Mean 14.32
RMS 33.14
Integral 6.703e+05
χ² / ndf 5531 / 2
Constant 2.53e+05 ± 478
Mean 0.004054 ± 0.001070
Sigma 0.7109 ± 0.0008
ADC-ped

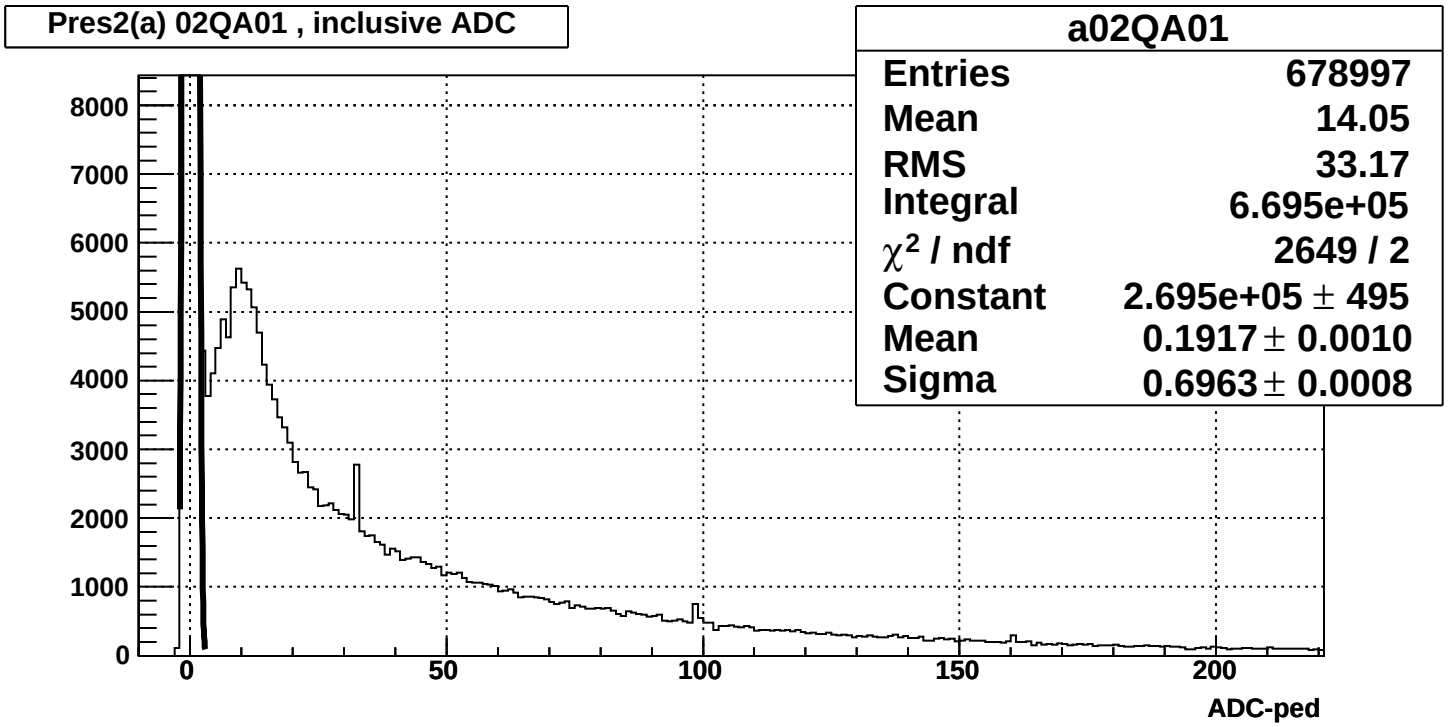

Pres2(d) 01QC01 , ADC, tag: UxV 2*thr
d01QC01
Entries 560
Mean 29.92
RMS 32.13
Integral 552
χ² / ndf 40.66 / 59
ampl-G 37.9 ± 6.0
const-L 137.7 ± 10.3
MPV-L 15.1 ± 0.9
sig-L 6.889 ± 0.506
ADC-ped

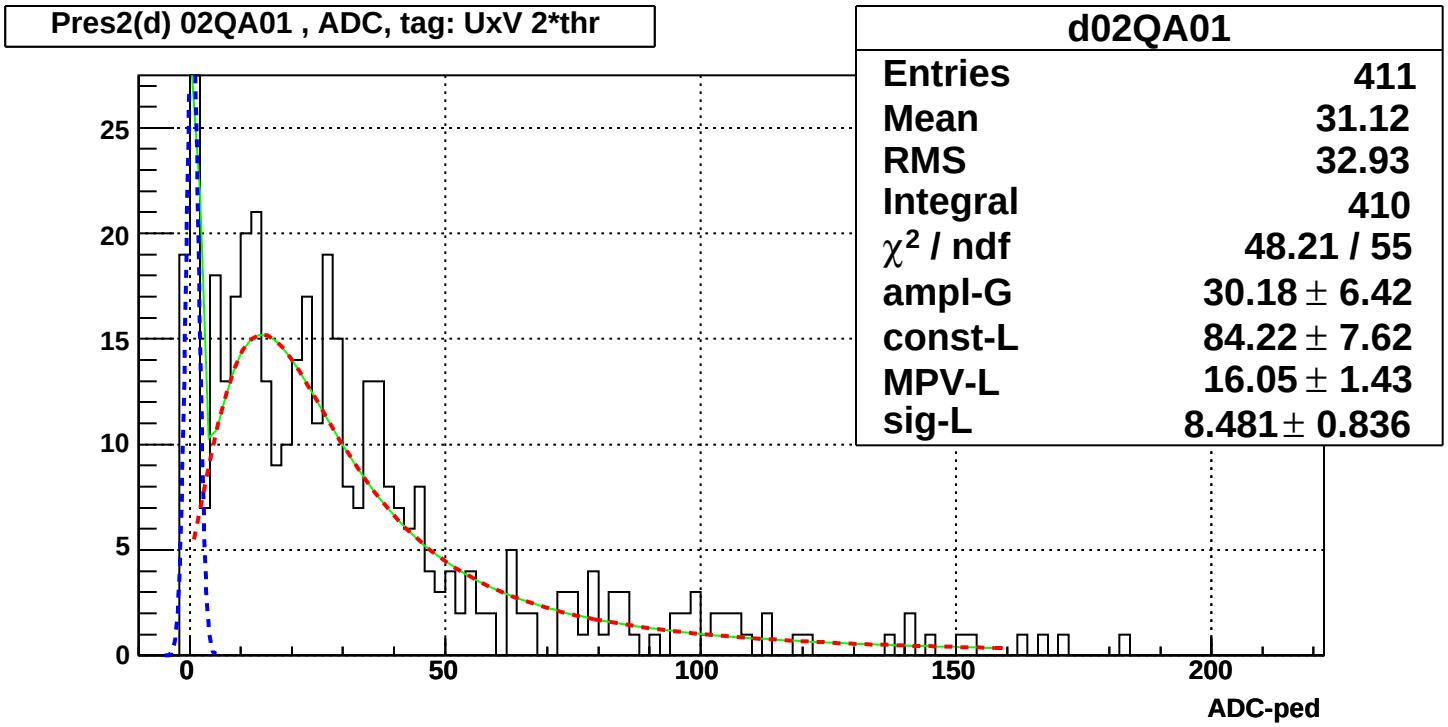

Pres2(a) 01QD01 , inclusive ADC
a01QD01
Entries 678997
Mean 14.98
RMS 34.53
Integral 6.668e+05
χ² / ndf 4867 / 2
Constant 3.336e+05 ± 596
Mean 0.2667 ± 0.0008
Sigma 0.5496 ± 0.0006
0
1000
2000
3000
4000
5000
6000
7000
0
50
100
150
200
ADC-ped

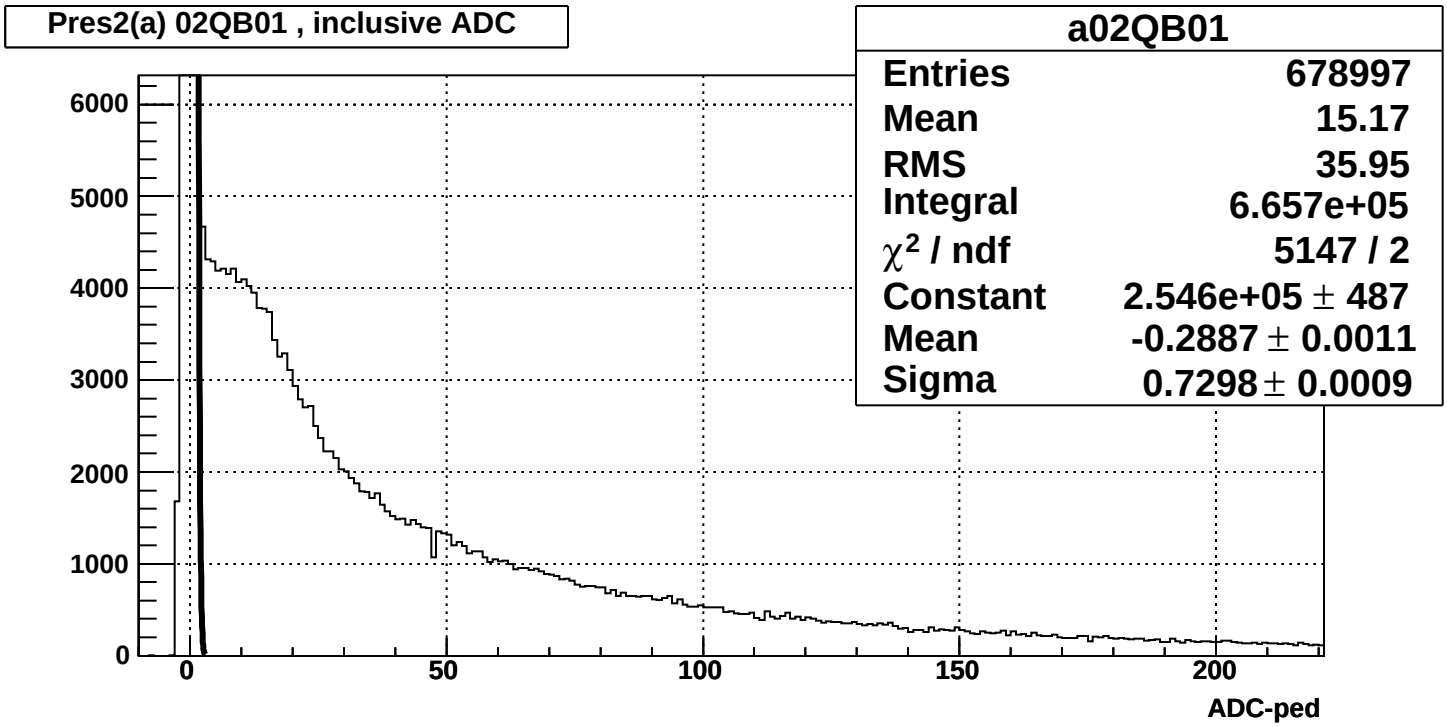

Pres2(d) 01QD01 , ADC, tag: UxV 2*thr
d01QD01
Entries 492
Mean 33.43
RMS 35.41
Integral 488
χ² / ndf 51.57 / 56
ampl-G 49.97 ± 7.54
const-L 88.03 ± 7.26
MPV-L 17.98 ± 1.45
sig-L 9.256 ± 0.822
0
5
10
15
20
25
30
0
50
100
150
200
ADC-ped

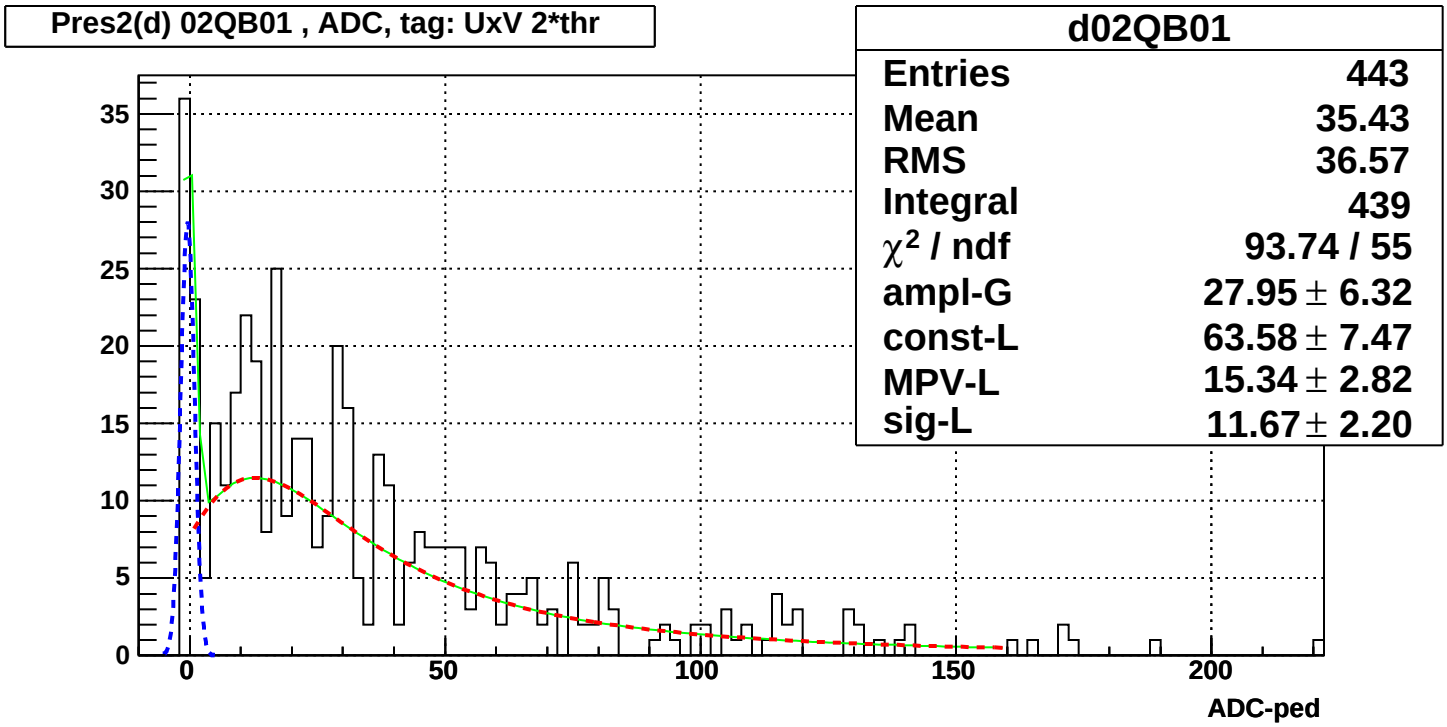

Pres2(a) 01QE01 , inclusive ADC
a01QE01
Entries 678997
Mean 17.51
RMS 39.12
Integral 6.563e+05
χ² / ndf 4188 / 2
Constant 3.285e+05 ± 609
Mean 0.1803 ± 0.0008
Sigma 0.5525 ± 0.0006
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

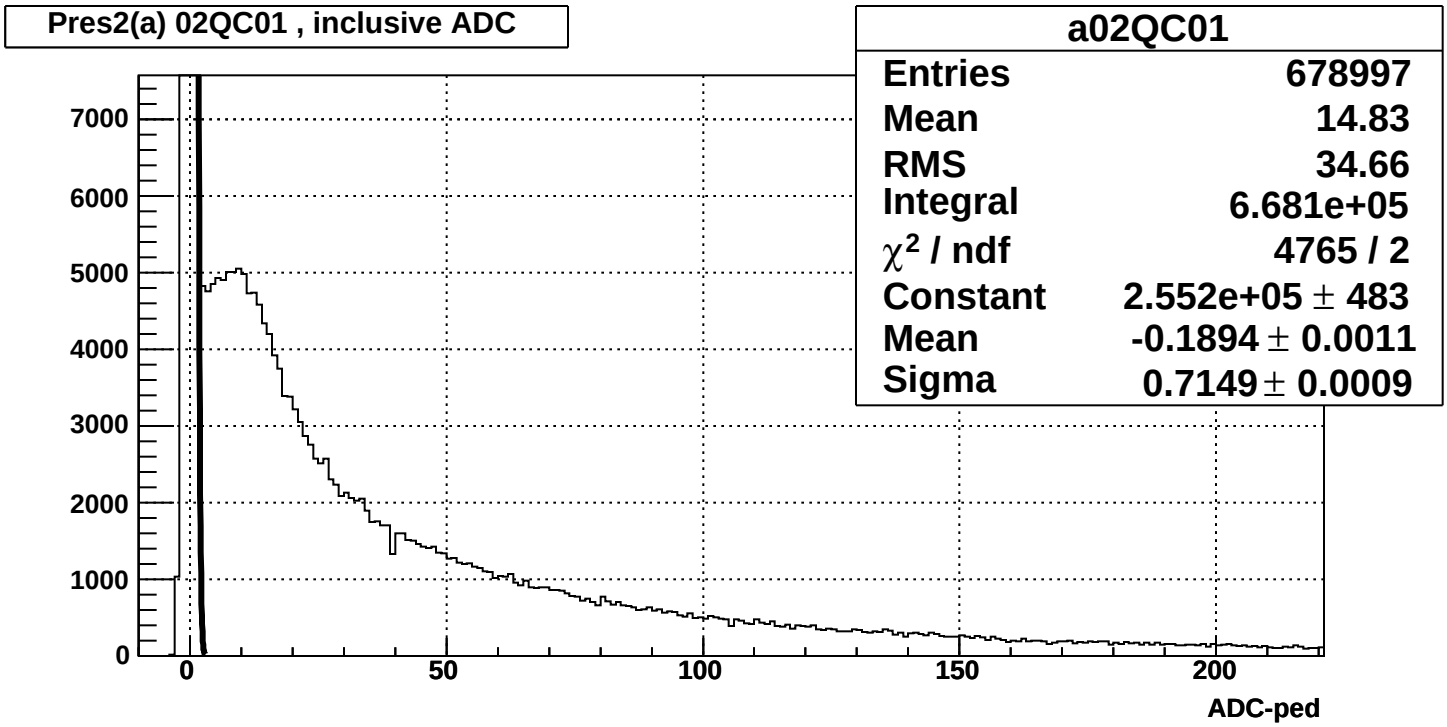

Pres2(d) 01QE01 , ADC, tag: UxV 2*thr
d01QE01
Entries 437
Mean 44.51
RMS 39.66
Integral 430
χ² / ndf 52.63 / 63
ampl-G 34.08 ± 4.97
const-L 56 ± 4.9
MPV-L 28.54 ± 1.82
sig-L 13.32 ± 1.25
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

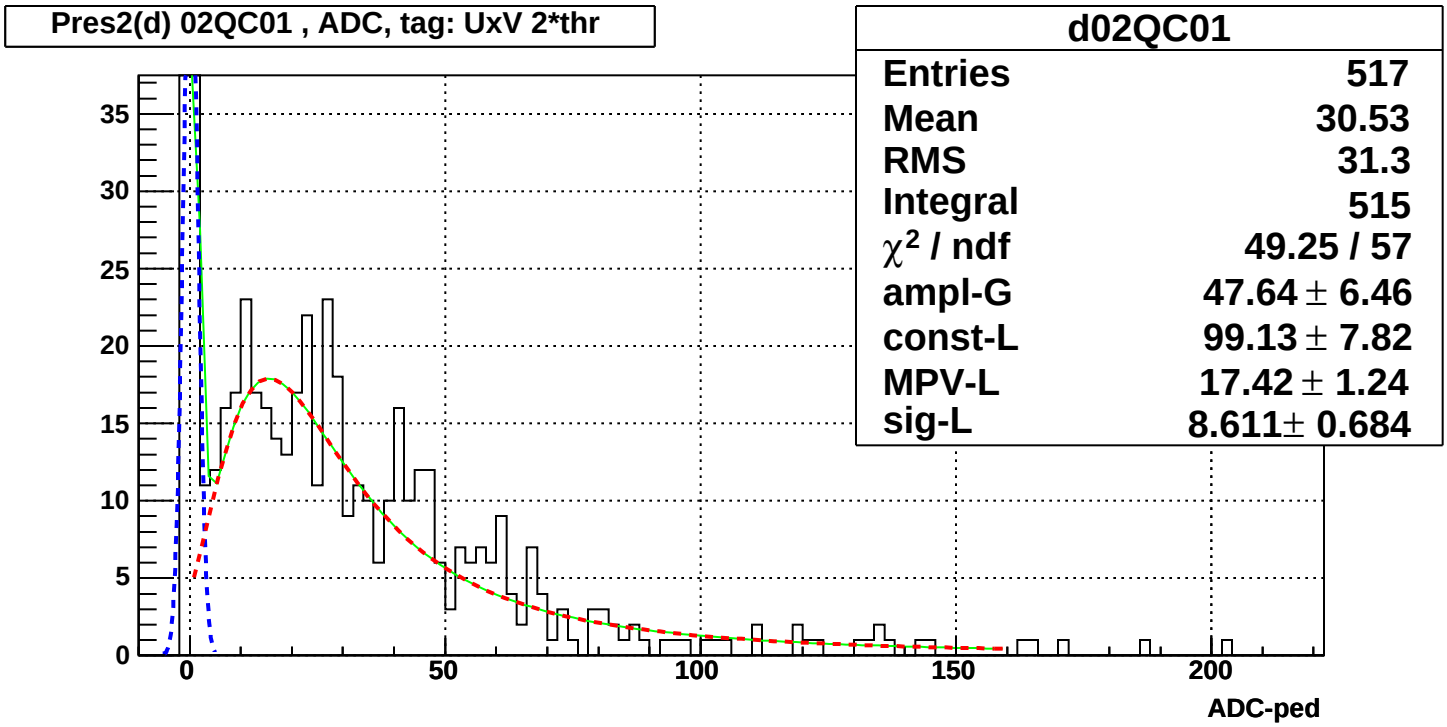

Pres2(a) 02QA01 , inclusive ADC
a02QA01
Entries 678997
Mean 14.05
RMS 33.17
Integral 6.695e+05
χ² / ndf 2649 / 2
Constant 2.695e+05 ± 495
Mean 0.1917 ± 0.0010
Sigma 0.6963 ± 0.0008
ADC-ped

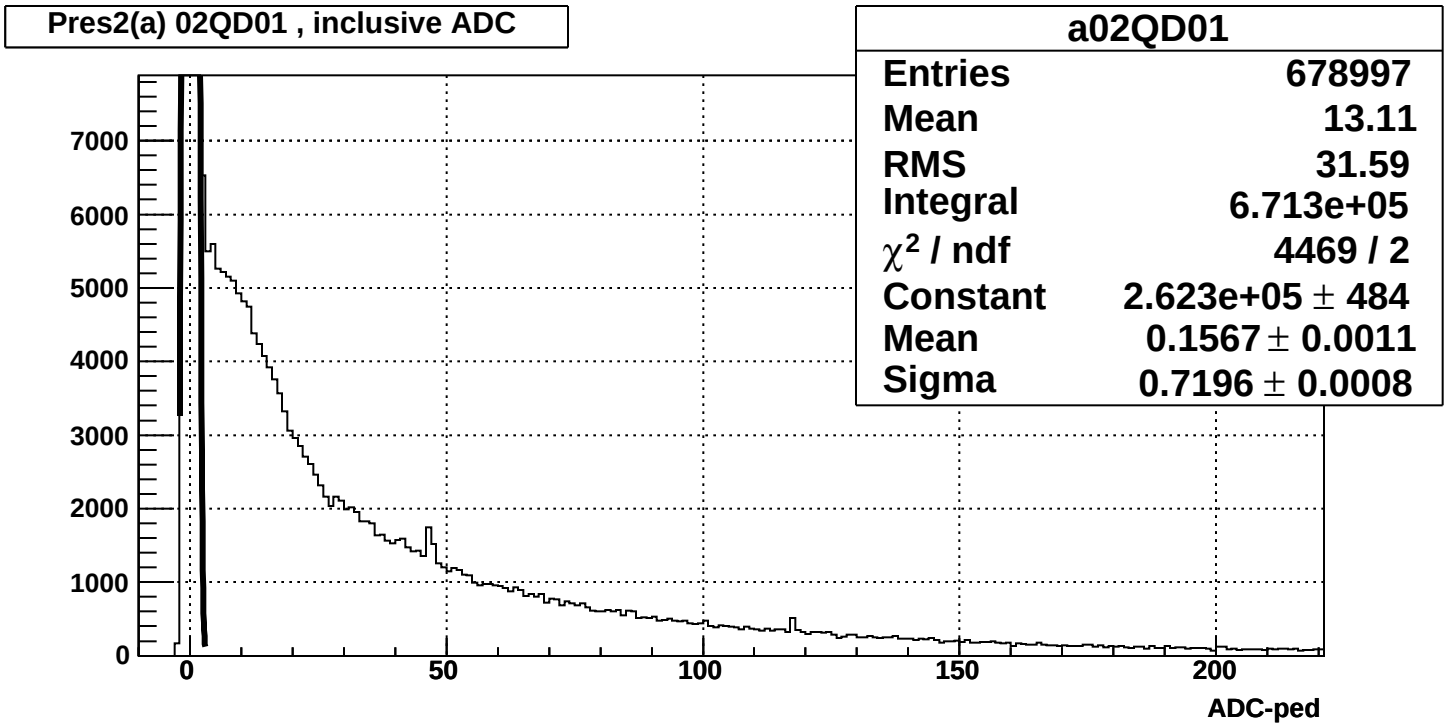

Pres2(d) 02QA01 , ADC, tag: UxV 2*thr
d02QA01
Entries 411
Mean 31.12
RMS 32.93
Integral 410
χ² / ndf 48.21 / 55
ampl-G 30.18 ± 6.42
const-L 84.22 ± 7.62
MPV-L 16.05 ± 1.43
sig-L 8.481 ± 0.836
ADC-ped

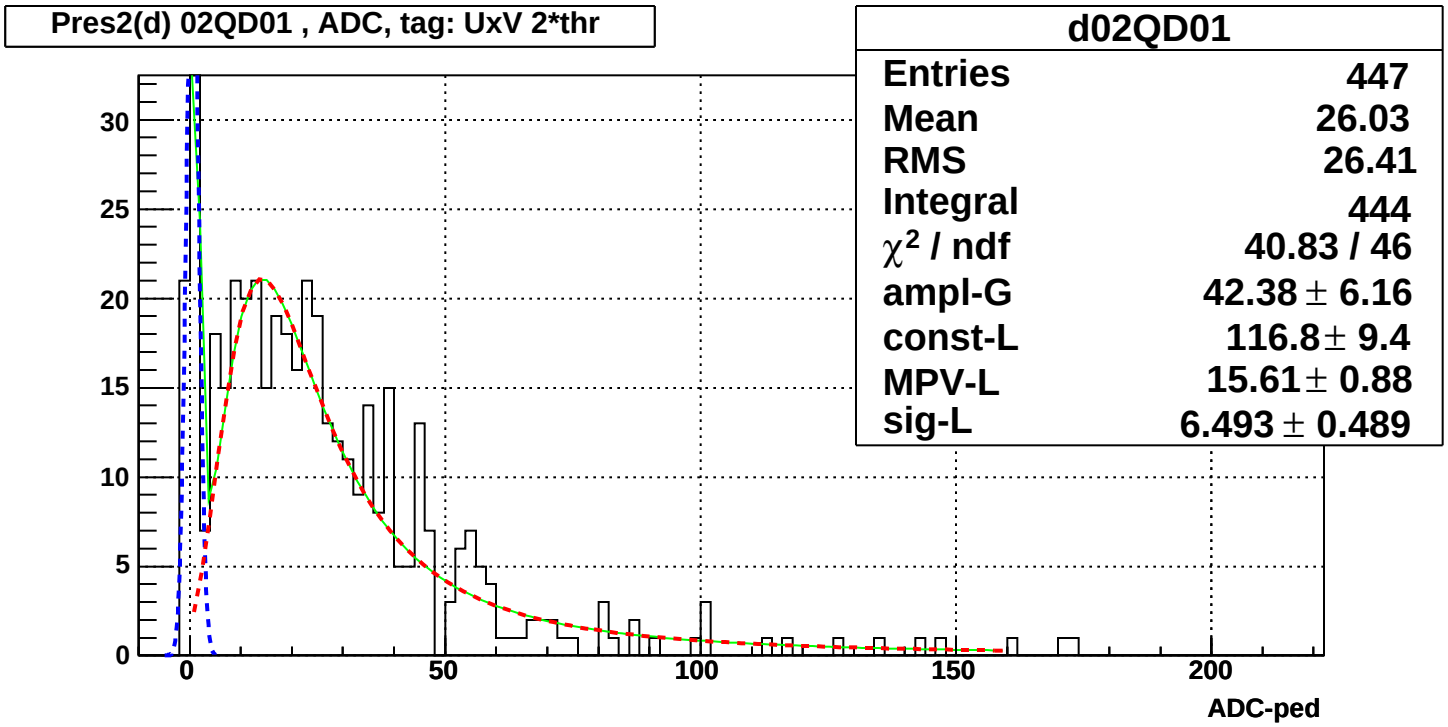

Pres2(a) 02QB01 , inclusive ADC
a02QB01
Entries 678997
Mean 15.17
RMS 35.95
Integral 6.657e+05
χ² / ndf 5147 / 2
Constant 2.546e+05 ± 487
Mean -0.2887 ± 0.0011
Sigma 0.7298 ± 0.0009
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

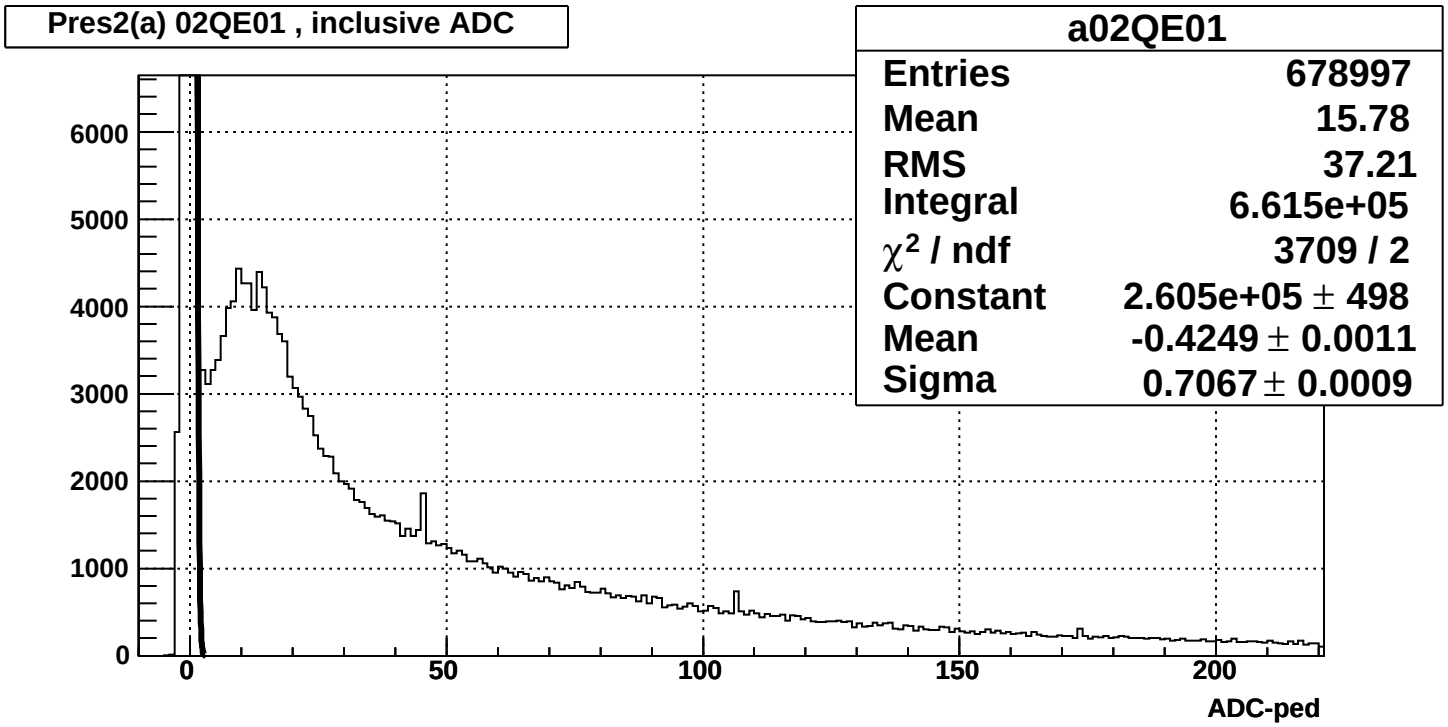

Pres2(d) 02QB01 , ADC, tag: UxV 2*thr
d02QB01
Entries 443
Mean 35.43
RMS 36.57
Integral 439
χ² / ndf 93.74 / 55
ampl-G 27.95 ± 6.32
const-L 63.58 ± 7.47
MPV-L 15.34 ± 2.82
sig-L 11.67 ± 2.20
35
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

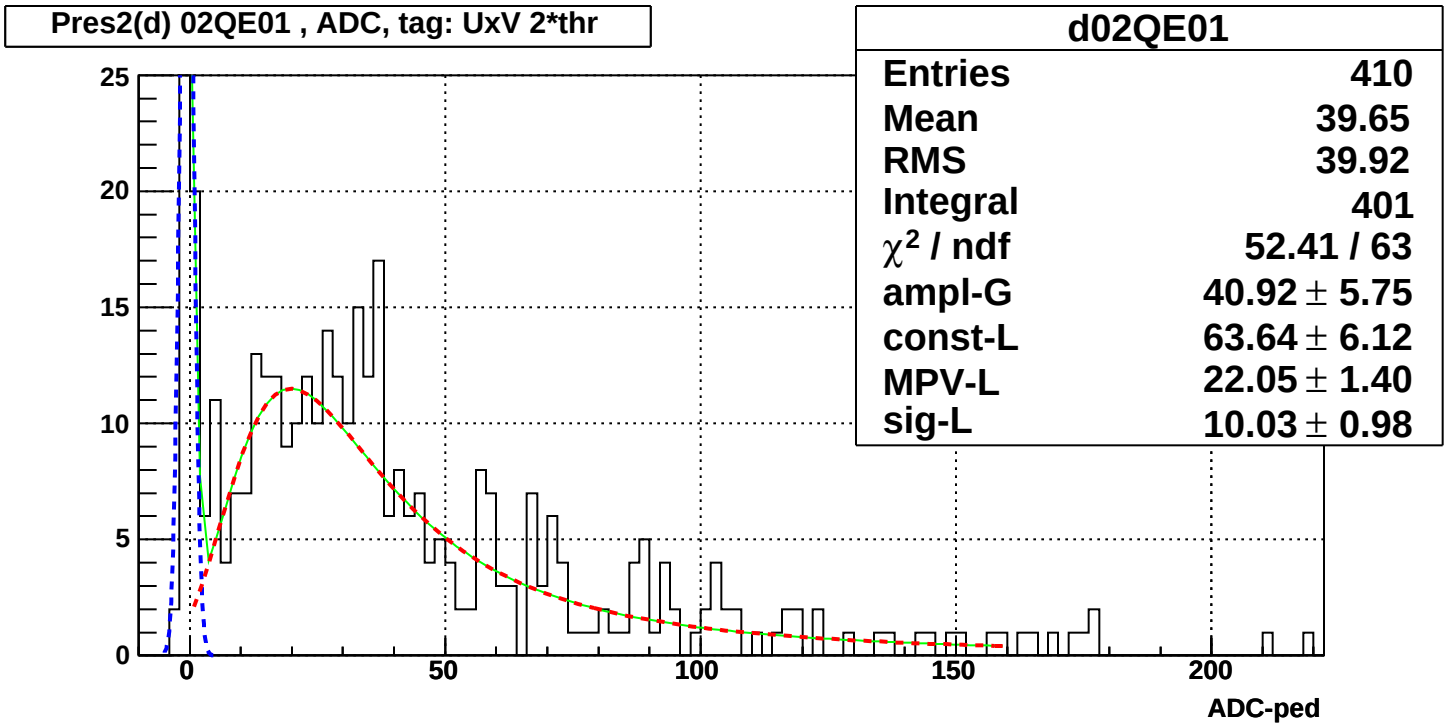

Pres2(a) 02QC01 , inclusive ADC
a02QC01
Entries 678997
Mean 14.83
RMS 34.66
Integral 6.681e+05
χ² / ndf 4765 / 2
Constant 2.552e+05 ± 483
Mean -0.1894 ± 0.0011
Sigma 0.7149 ± 0.0009
ADC-ped

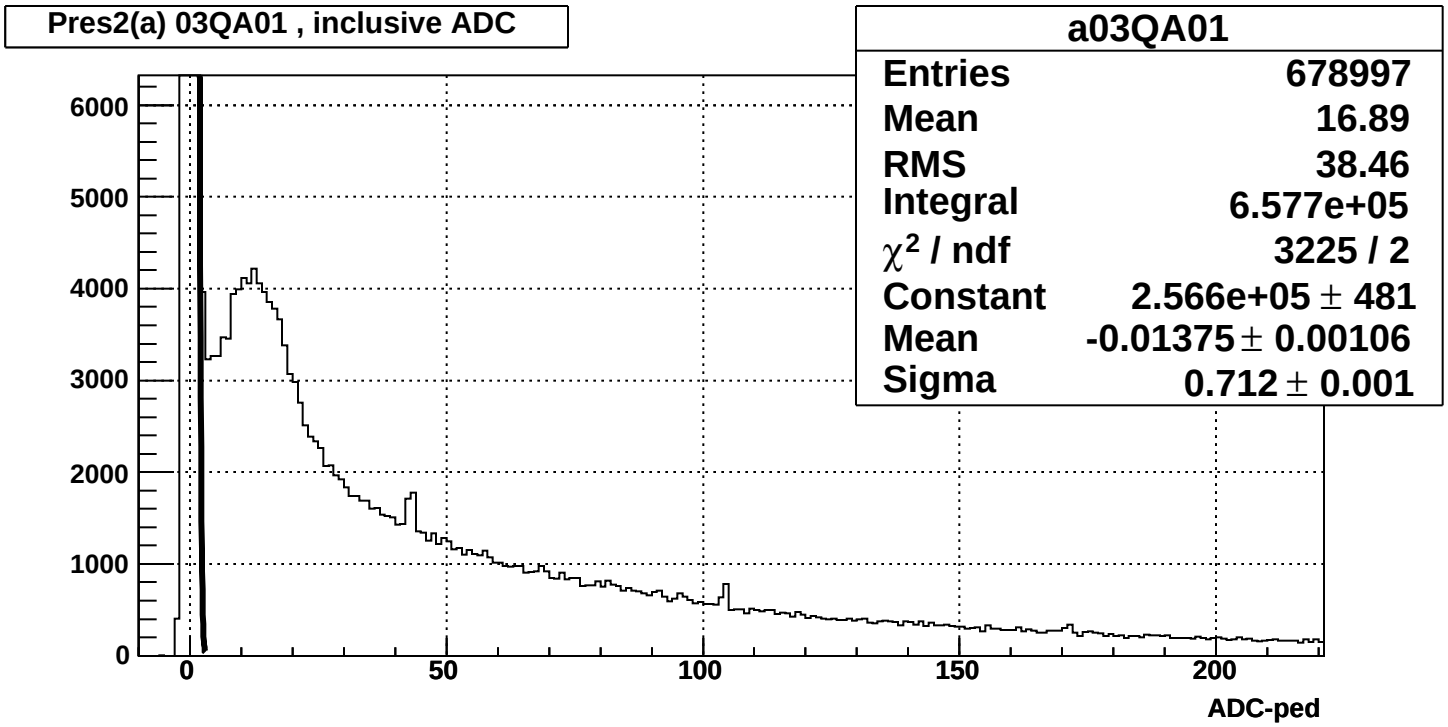

Pres2(d) 02QC01 , ADC, tag: UxV 2*thr
d02QC01
Entries 517
Mean 30.53
RMS 31.3
Integral 515
χ² / ndf 49.25 / 57
ampl-G 47.64 ± 6.46
const-L 99.13 ± 7.82
MPV-L 17.42 ± 1.24
sig-L 8.611± 0.684
ADC-ped

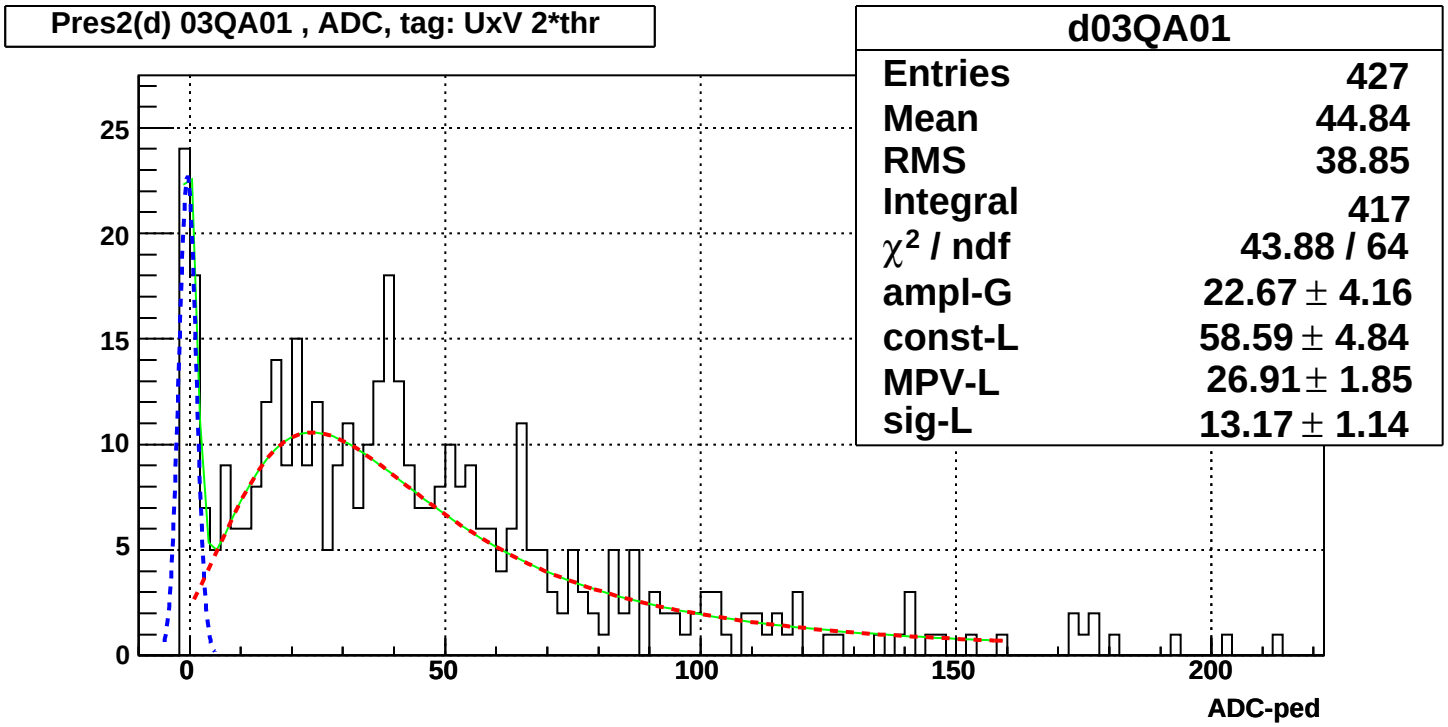

Pres2(a) 02QD01 , inclusive ADC
a02QD01
Entries 678997
Mean 13.11
RMS 31.59
Integral 6.713e+05
χ² / ndf 4469 / 2
Constant 2.623e+05 ± 484
Mean 0.1567 ± 0.0011
Sigma 0.7196 ± 0.0008
ADC-ped

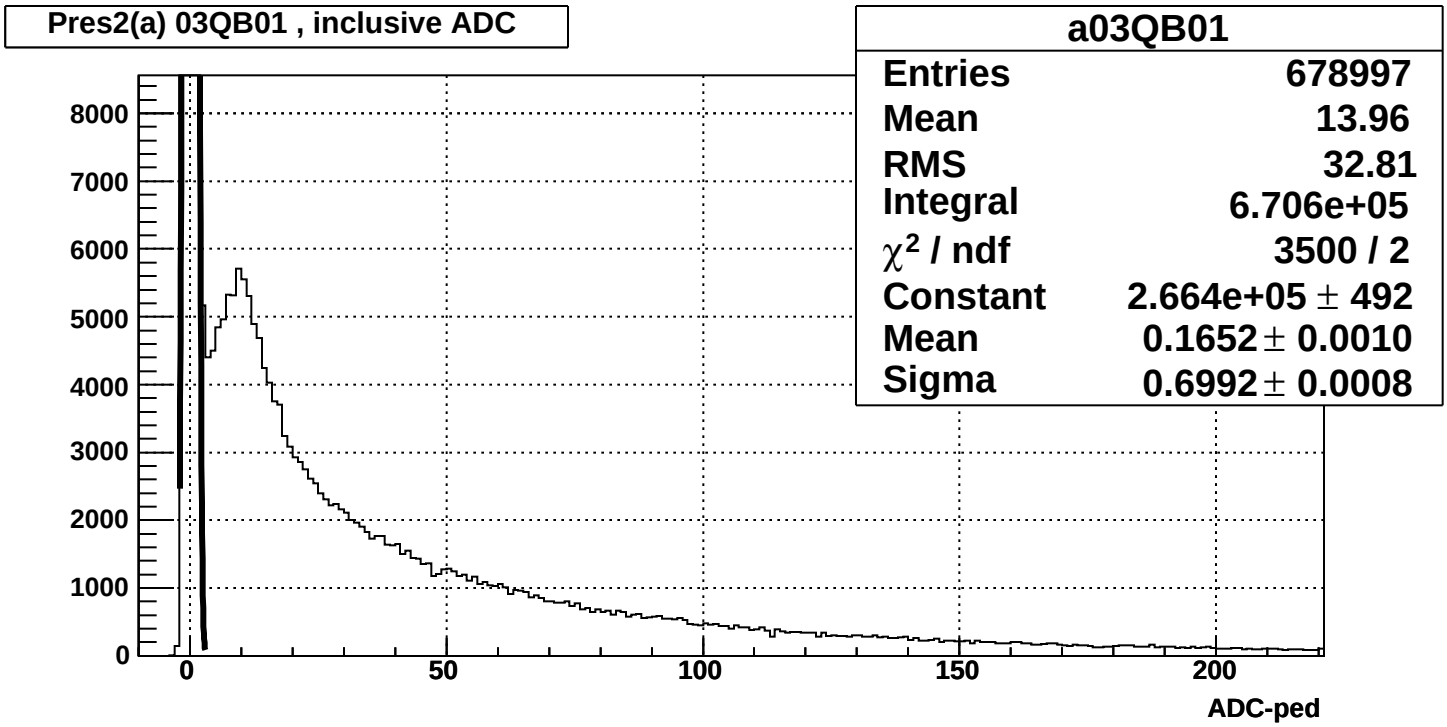

Pres2(d) 02QD01 , ADC, tag: UxV 2*thr
d02QD01
Entries 447
Mean 26.03
RMS 26.41
Integral 444
χ² / ndf 40.83 / 46
ampl-G 42.38 ± 6.16
const-L 116.8 ± 9.4
MPV-L 15.61 ± 0.88
sig-L 6.493 ± 0.489
ADC-ped

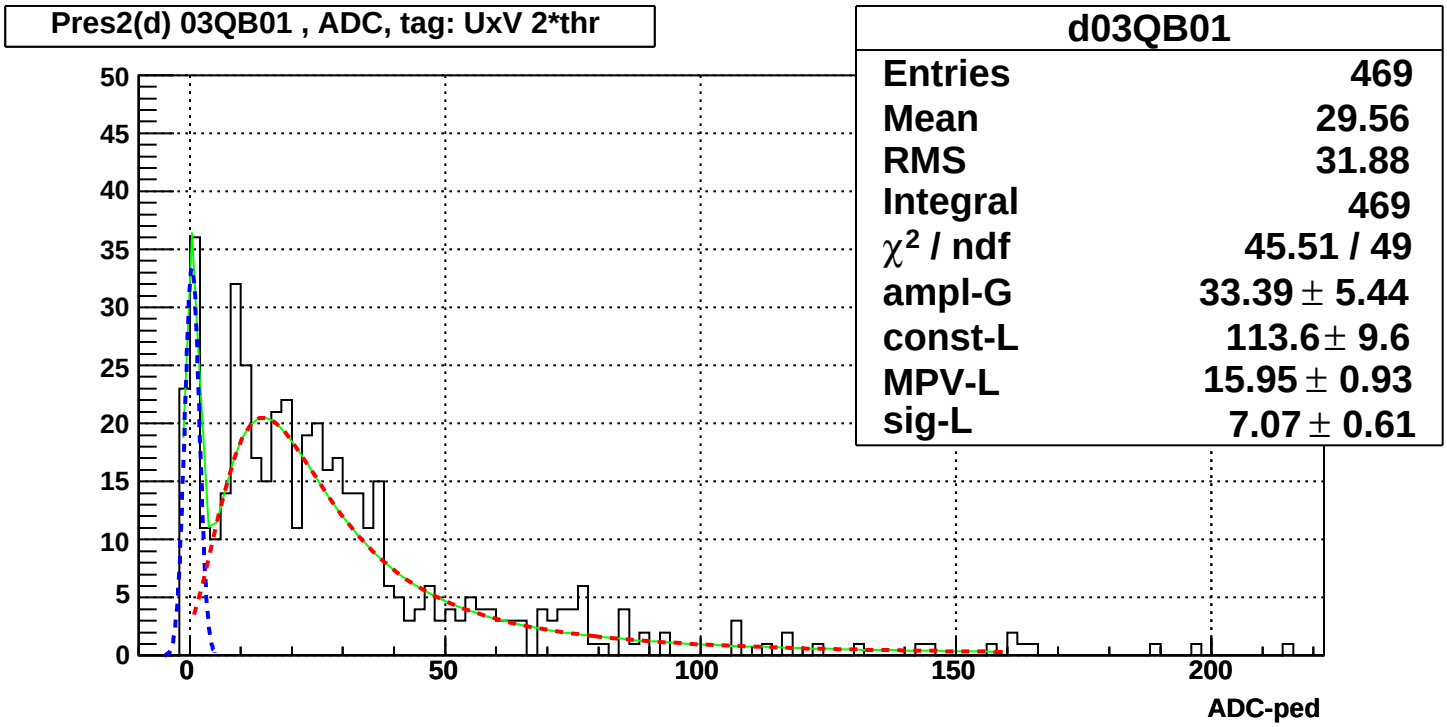

Pres2(a) 02QE01 , inclusive ADC
a02QE01
Entries 678997
Mean 15.78
RMS 37.21
Integral 6.615e+05
χ² / ndf 3709 / 2
Constant 2.605e+05 ± 498
Mean -0.4249 ± 0.0011
Sigma 0.7067 ± 0.0009
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

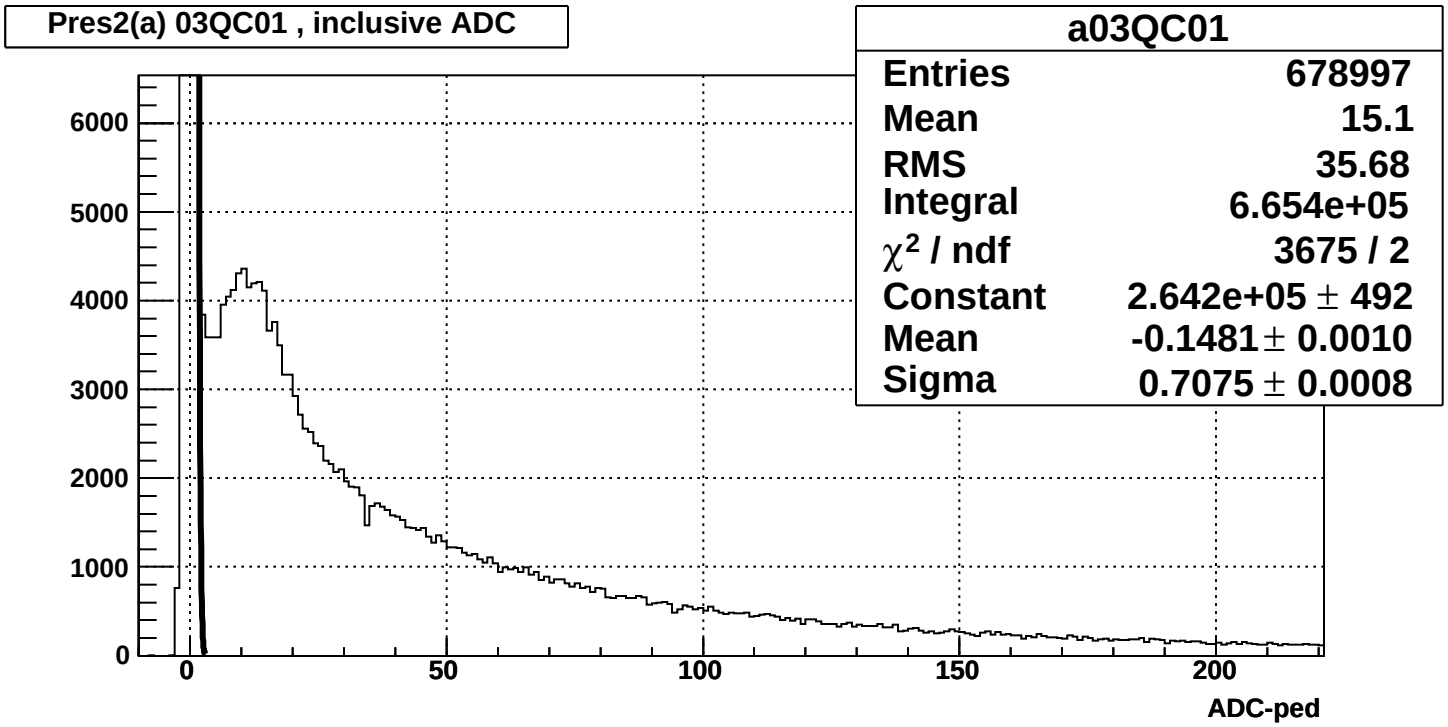

Pres2(d) 02QE01 , ADC, tag: UxV 2*thr
d02QE01
Entries 410
Mean 39.65
RMS 39.92
Integral 401
χ² / ndf 52.41 / 63
ampl-G 40.92 ± 5.75
const-L 63.64 ± 6.12
MPV-L 22.05 ± 1.40
sig-L 10.03 ± 0.98
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

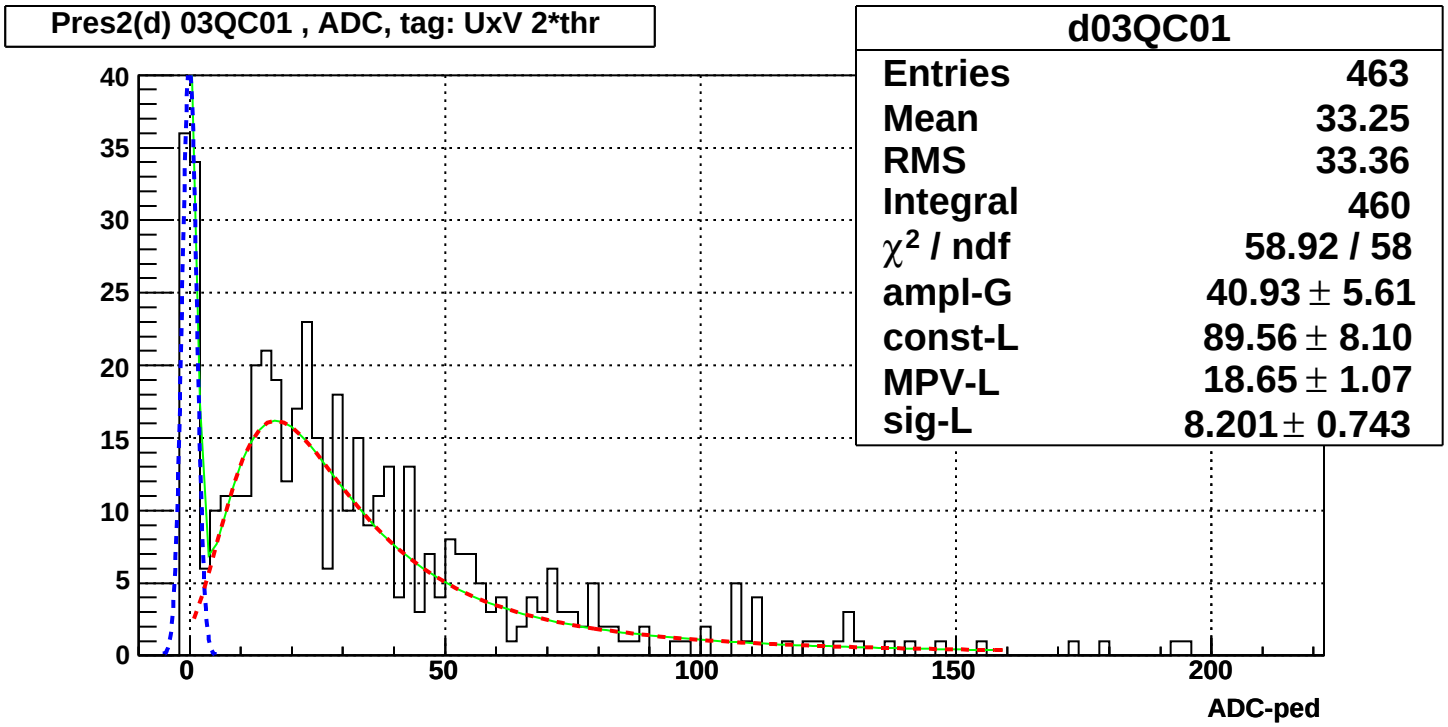

Pres2(a) 03QA01 , inclusive ADC
a03QA01
Entries 678997
Mean 16.89
RMS 38.46
Integral 6.577e+05
χ² / ndf 3225 / 2
Constant 2.566e+05 ± 481
Mean -0.01375 ± 0.00106
Sigma 0.712 ± 0.001
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

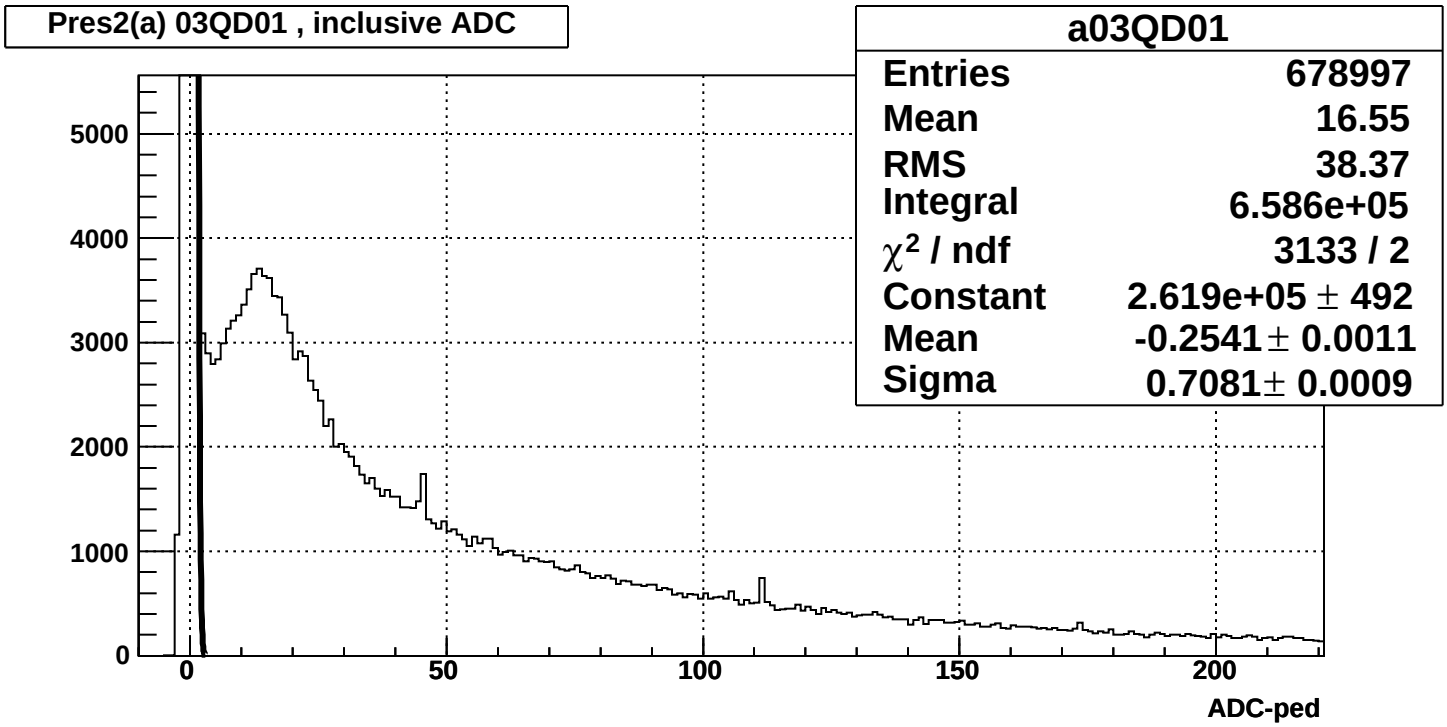

Pres2(d) 03QA01 , ADC, tag: UxV 2*thr
d03QA01
Entries 427
Mean 44.84
RMS 38.85
Integral 417
χ² / ndf 43.88 / 64
ampl-G 22.67 ± 4.16
const-L 58.59 ± 4.84
MPV-L 26.91 ± 1.85
sig-L 13.17 ± 1.14
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

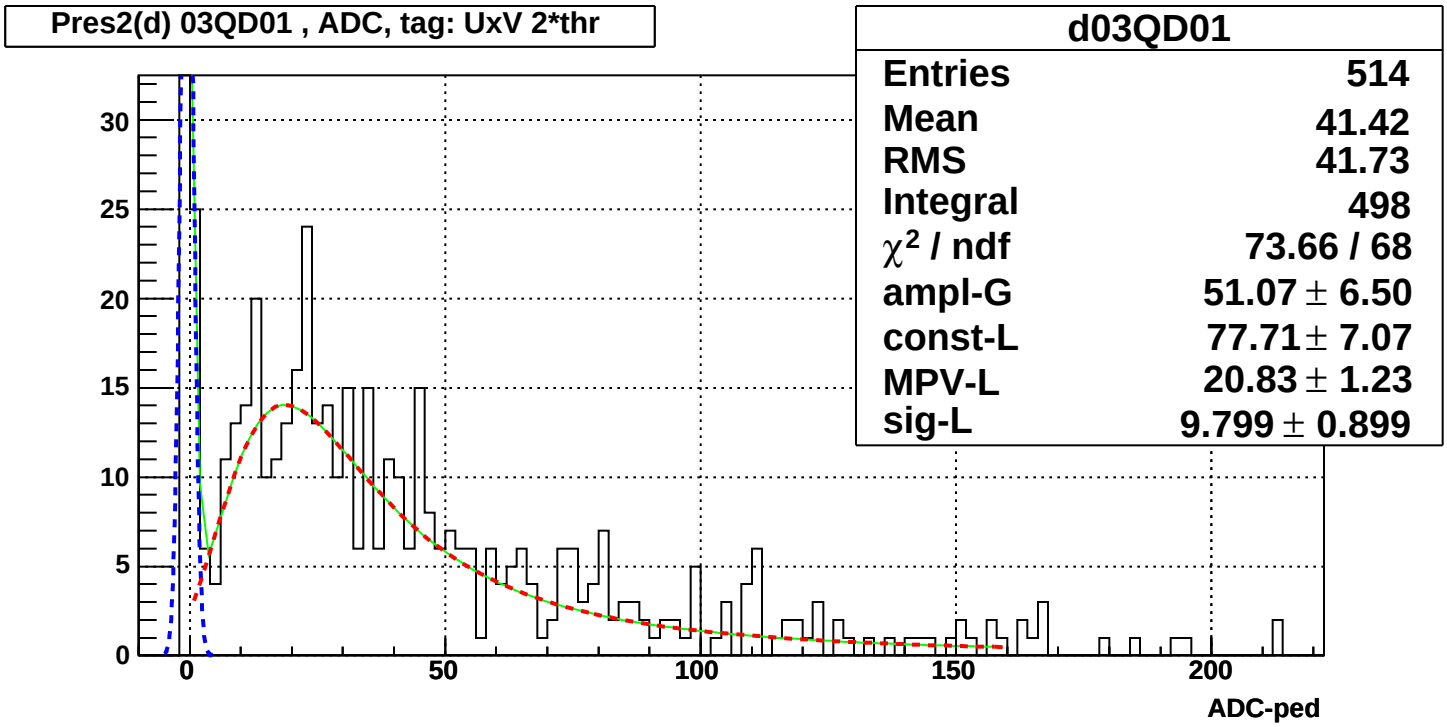

Pres2(a) 03QB01 , inclusive ADC
a03QB01
Entries 678997
Mean 13.96
RMS 32.81
Integral 6.706e+05
χ² / ndf 3500 / 2
Constant 2.664e+05 ± 492
Mean 0.1652 ± 0.0010
Sigma 0.6992 ± 0.0008
ADC-ped

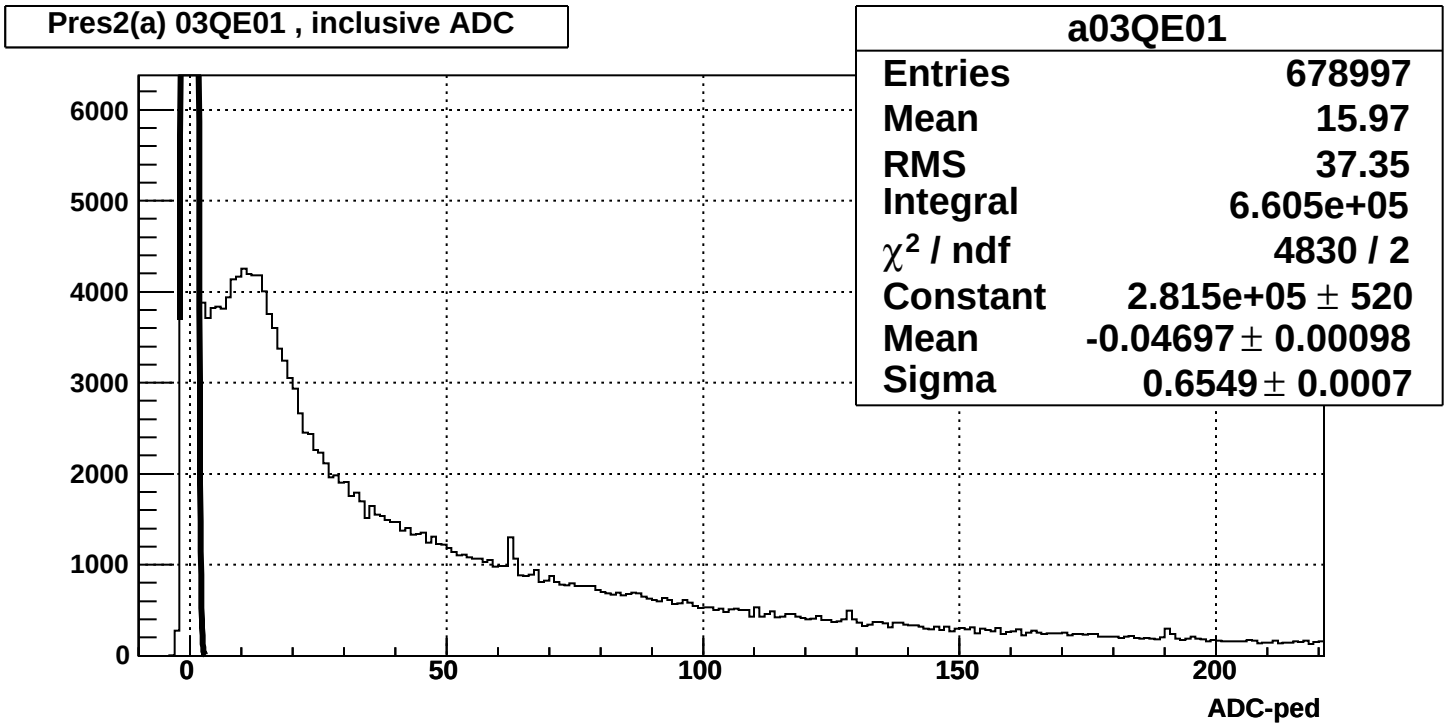

Pres2(d) 03QB01 , ADC, tag: UxV 2*thr
d03QB01
Entries 469
Mean 29.56
RMS 31.88
Integral 469
χ² / ndf 45.51 / 49
ampl-G 33.39 ± 5.44
const-L 113.6 ± 9.6
MPV-L 15.95 ± 0.93
sig-L 7.07 ± 0.61
ADC-ped

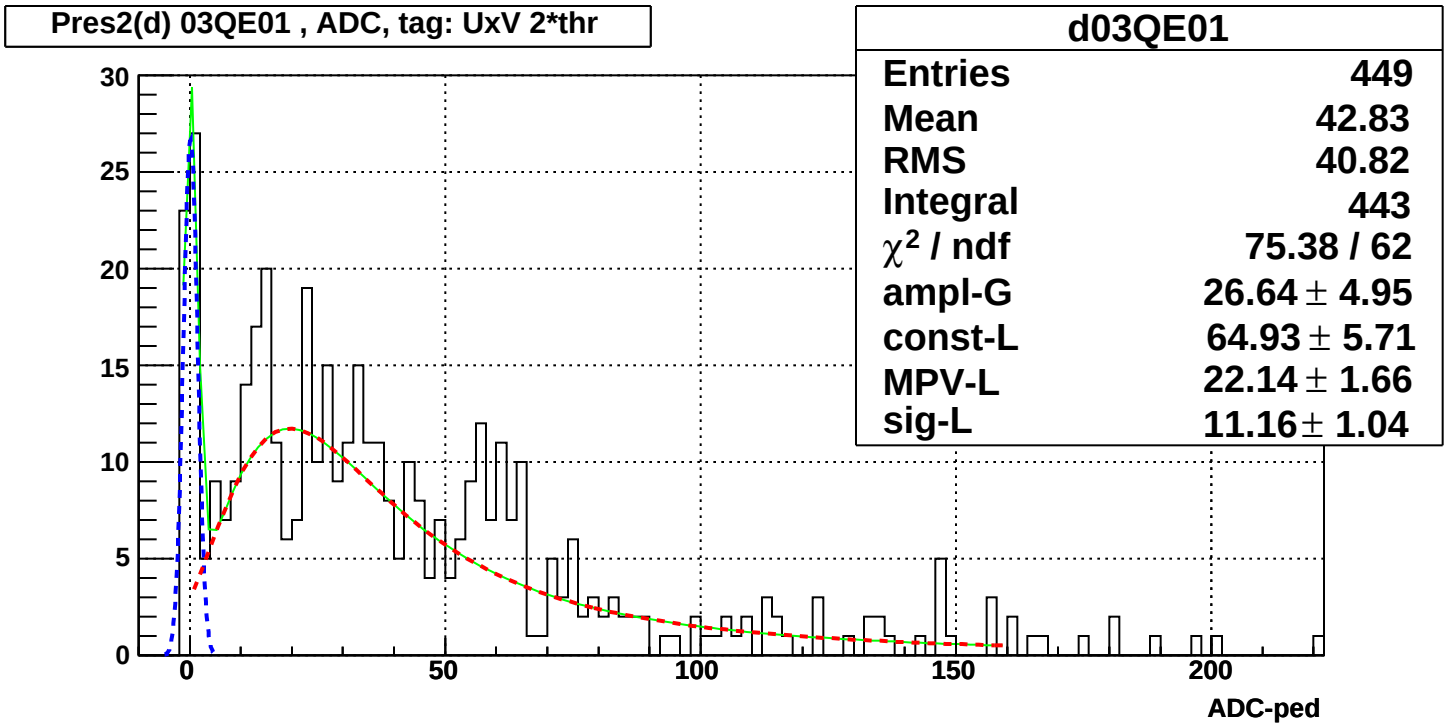

Pres2(a) 03QC01 , inclusive ADC
a03QC01
Entries 678997
Mean 15.1
RMS 35.68
Integral 6.654e+05
χ² / ndf 3675 / 2
Constant 2.642e+05 ± 492
Mean -0.1481 ± 0.0010
Sigma 0.7075 ± 0.0008
ADC-ped

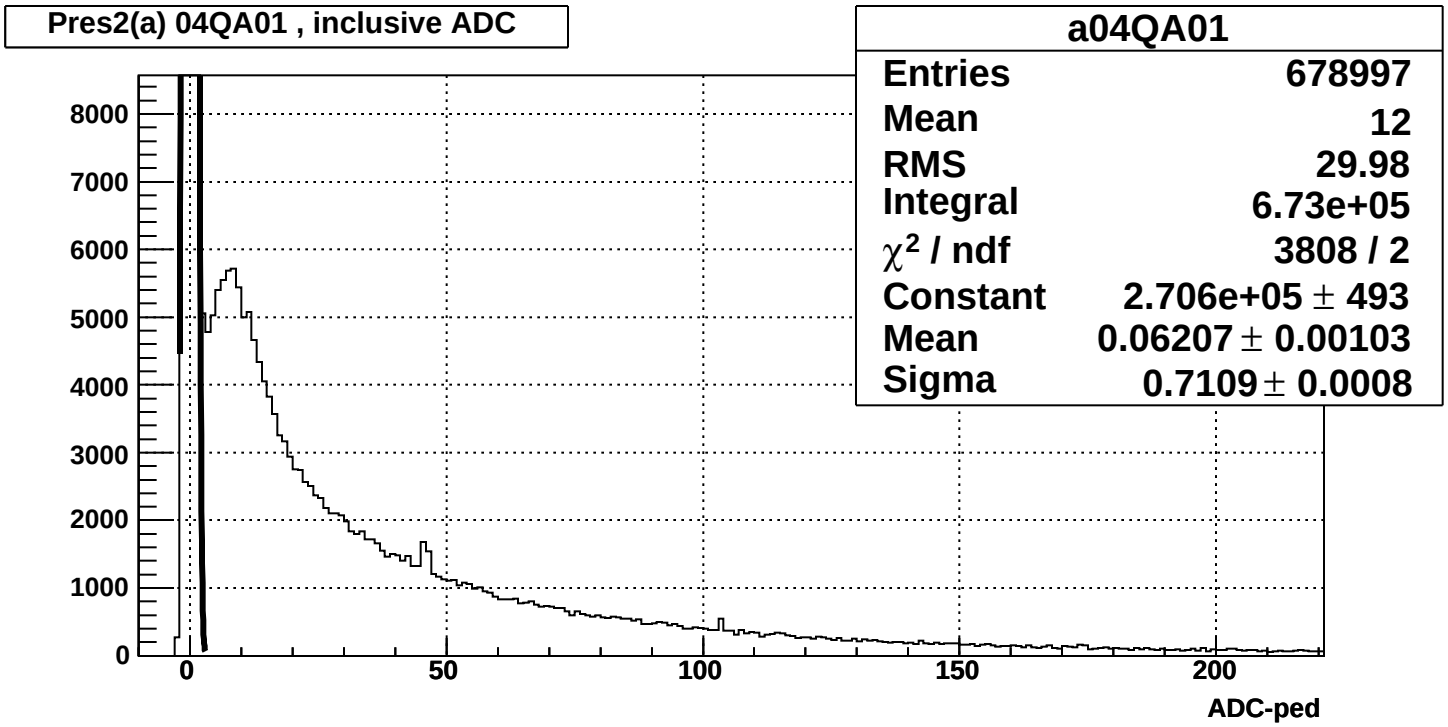

Pres2(d) 03QC01 , ADC, tag: UxV 2*thr
d03QC01
Entries 463
Mean 33.25
RMS 33.36
Integral 460
χ² / ndf 58.92 / 58
ampl-G 40.93 ± 5.61
const-L 89.56 ± 8.10
MPV-L 18.65 ± 1.07
sig-L 8.201 ± 0.743
ADC-ped

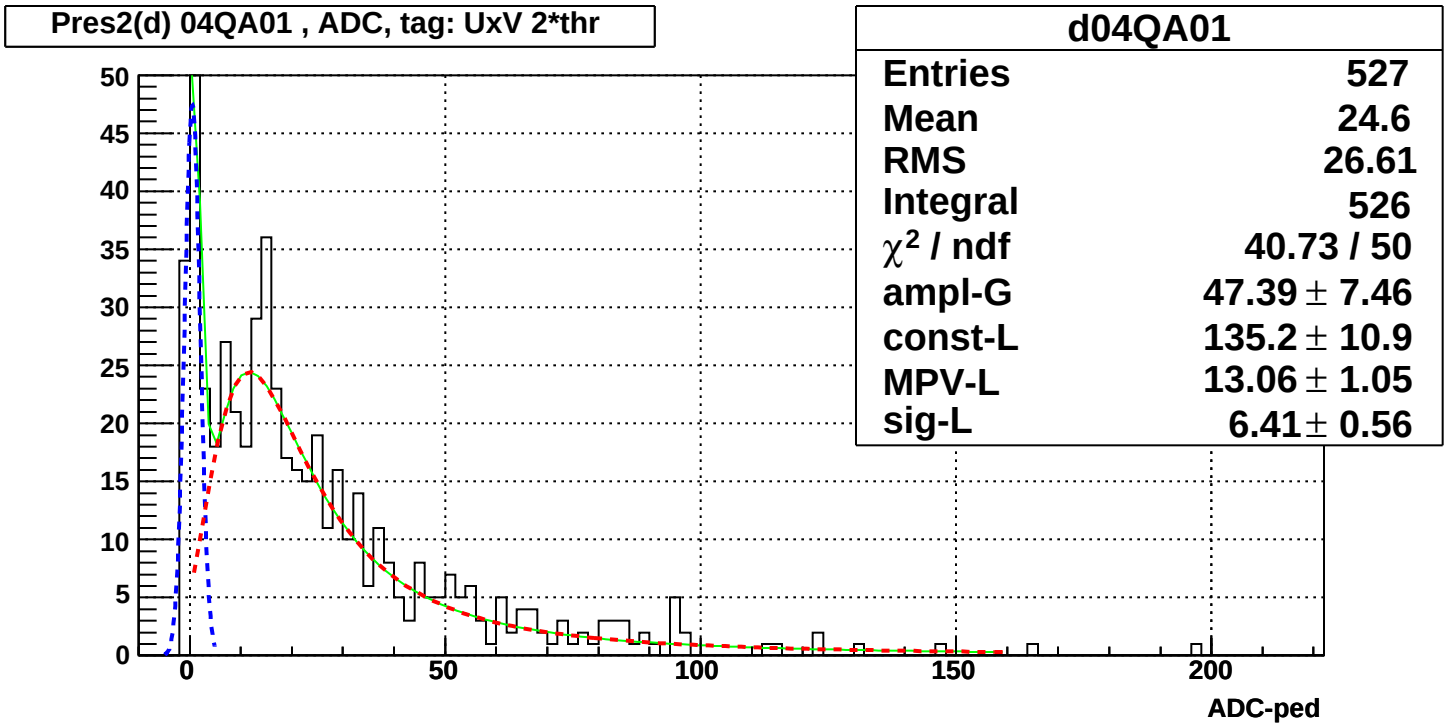

Pres2(a) 03QD01 , inclusive ADC
a03QD01
Entries 678997
Mean 16.55
RMS 38.37
Integral 6.586e+05
χ² / ndf 3133 / 2
Constant 2.619e+05 ± 492
Mean -0.2541 ± 0.0011
Sigma 0.7081 ± 0.0009
0
1000
2000
3000
4000
5000
0
50
100
150
200
ADC-ped

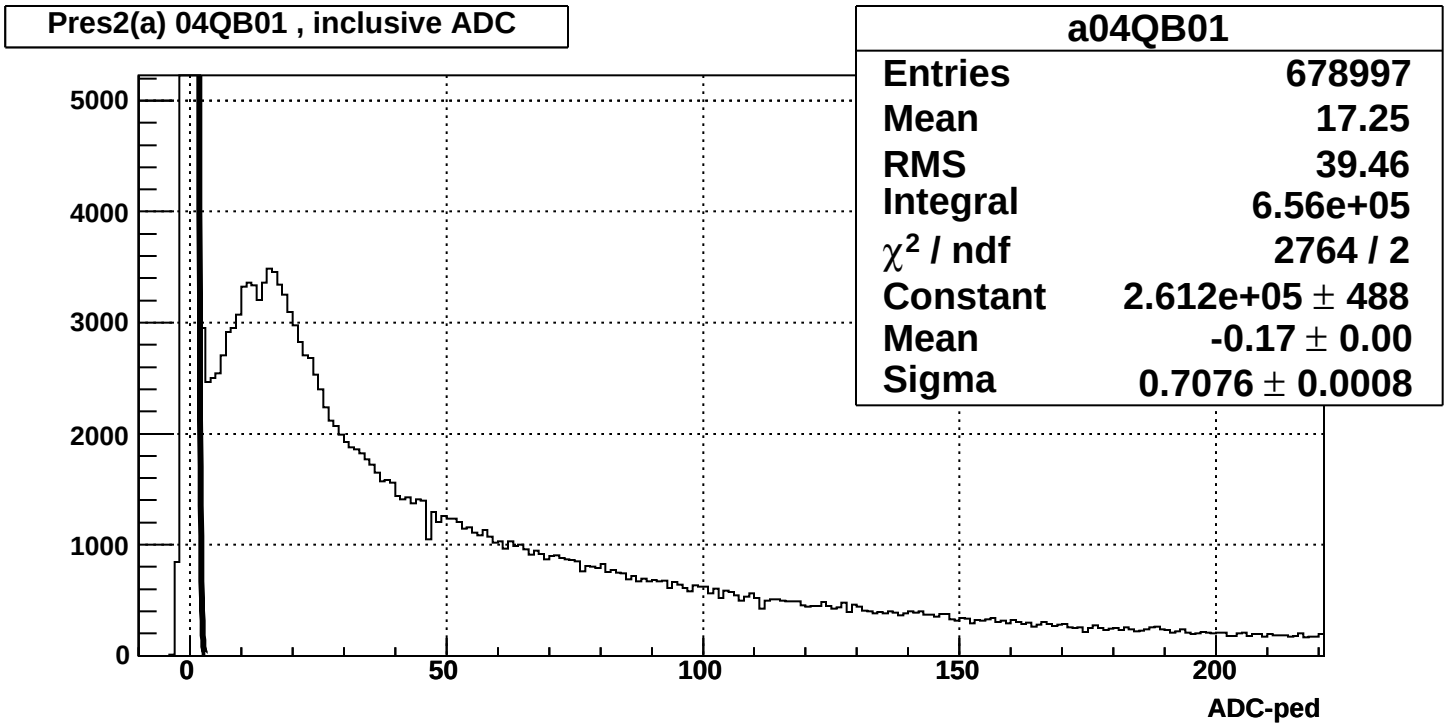

Pres2(d) 03QD01 , ADC, tag: UxV 2*thr
d03QD01
Entries 514
Mean 41.42
RMS 41.73
Integral 498
χ² / ndf 73.66 / 68
ampl-G 51.07 ± 6.50
const-L 77.71 ± 7.07
MPV-L 20.83 ± 1.23
sig-L 9.799 ± 0.899
0
5
10
15
20
25
30
0
50
100
150
200
ADC-ped

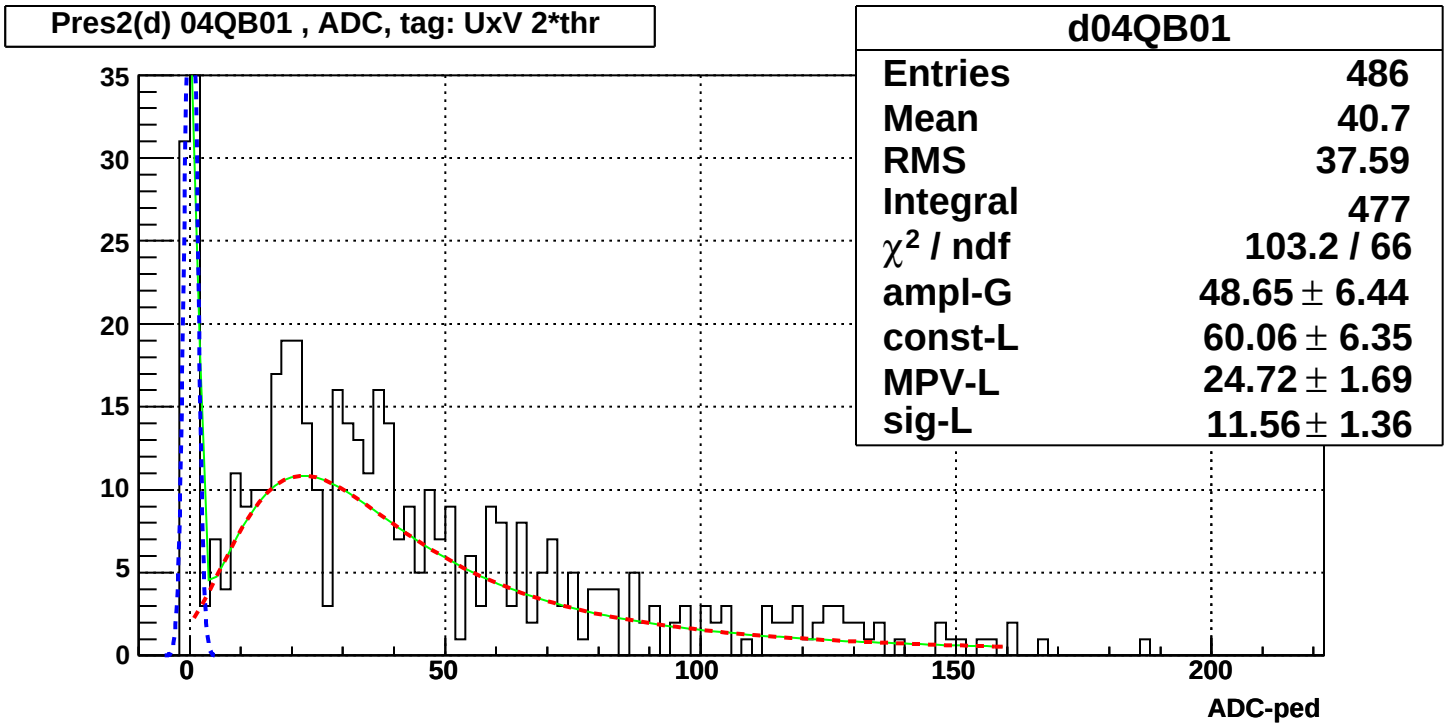

Pres2(a) 03QE01 , inclusive ADC
a03QE01
Entries 678997
Mean 15.97
RMS 37.35
Integral 6.605e+05
χ² / ndf 4830 / 2
Constant 2.815e+05 ± 520
Mean -0.04697 ± 0.00098
Sigma 0.6549 ± 0.0007
ADC-ped

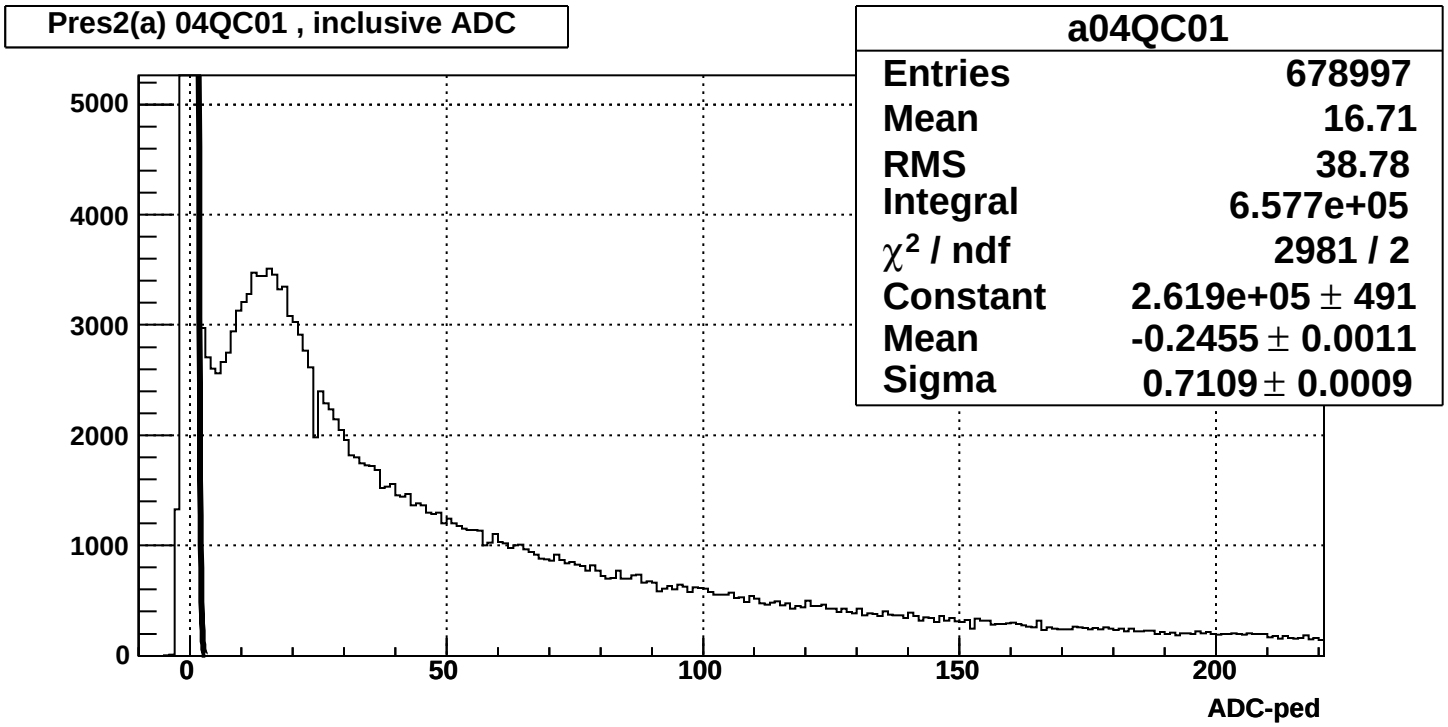

Pres2(d) 03QE01 , ADC, tag: UxV 2*thr
d03QE01
Entries 449
Mean 42.83
RMS 40.82
Integral 443
χ² / ndf 75.38 / 62
ampl-G 26.64 ± 4.95
const-L 64.93 ± 5.71
MPV-L 22.14 ± 1.66
sig-L 11.16 ± 1.04
ADC-ped

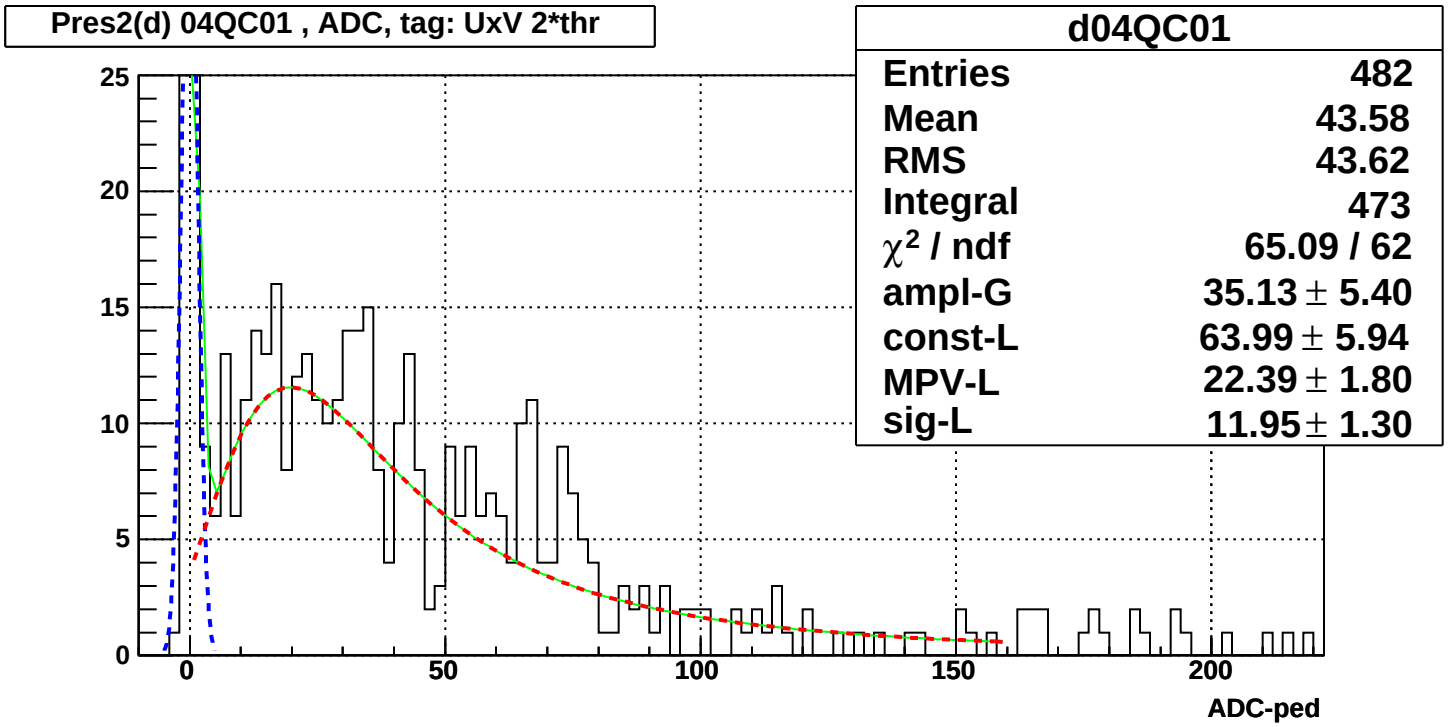

Pres2(a) 04QA01 , inclusive ADC
a04QA01
Entries 678997
Mean 12
RMS 29.98
Integral 6.73e+05
χ² / ndf 3808 / 2
Constant 2.706e+05 ± 493
Mean 0.06207 ± 0.00103
Sigma 0.7109 ± 0.0008
ADC-ped

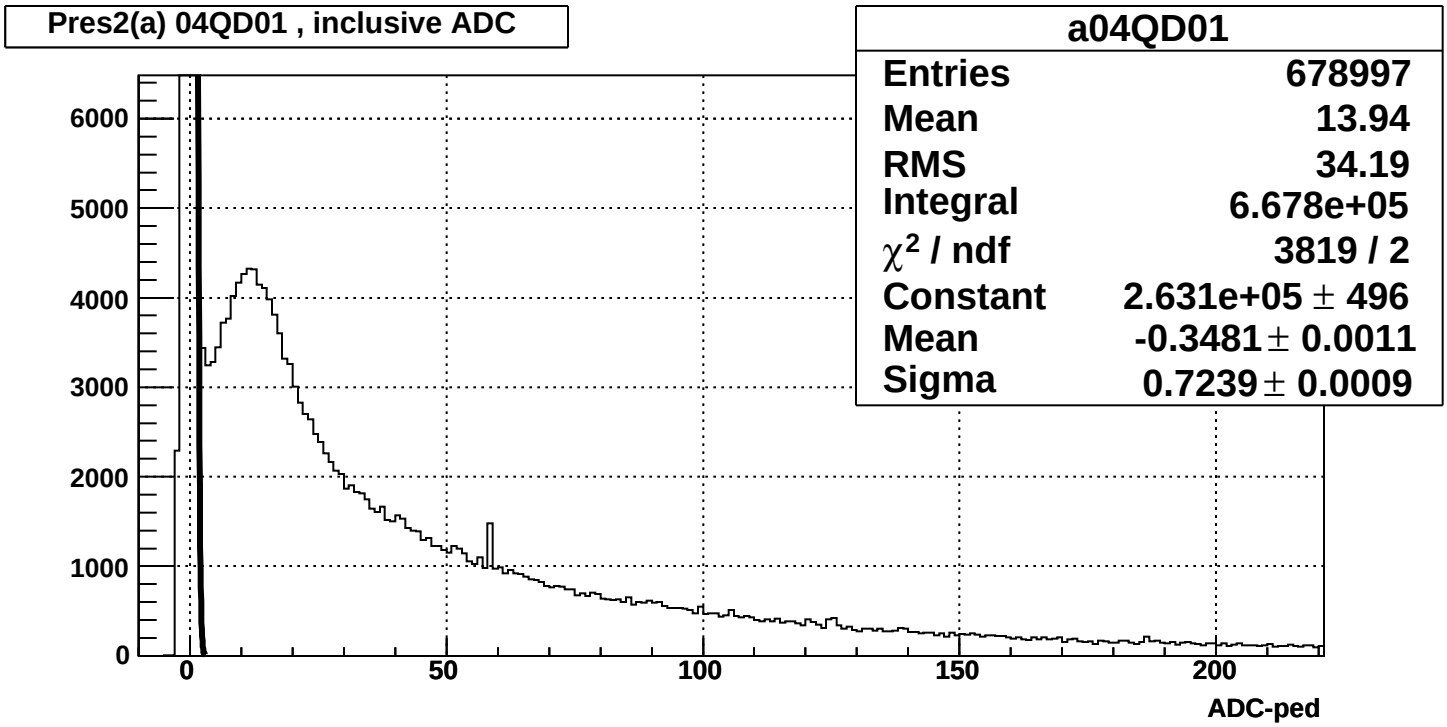

Pres2(d) 04QA01 , ADC, tag: UxV 2*thr
d04QA01
Entries 527
Mean 24.6
RMS 26.61
Integral 526
χ² / ndf 40.73 / 50
ampl-G 47.39 ± 7.46
const-L 135.2 ± 10.9
MPV-L 13.06 ± 1.05
sig-L 6.41 ± 0.56
ADC-ped

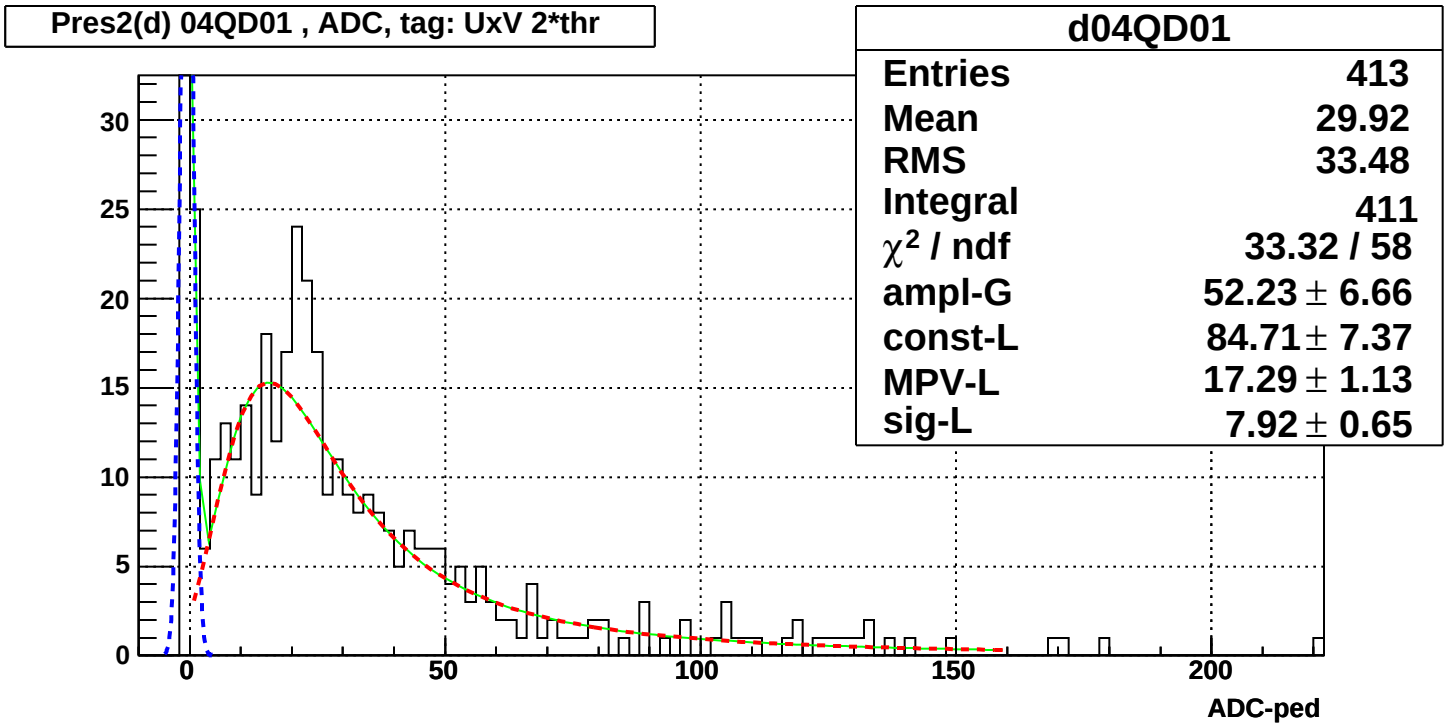

Pres2(a) 04QB01 , inclusive ADC
a04QB01
Entries 678997
Mean 17.25
RMS 39.46
Integral 6.56e+05
χ² / ndf 2764 / 2
Constant 2.612e+05 ± 488
Mean -0.17 ± 0.00
Sigma 0.7076 ± 0.0008
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

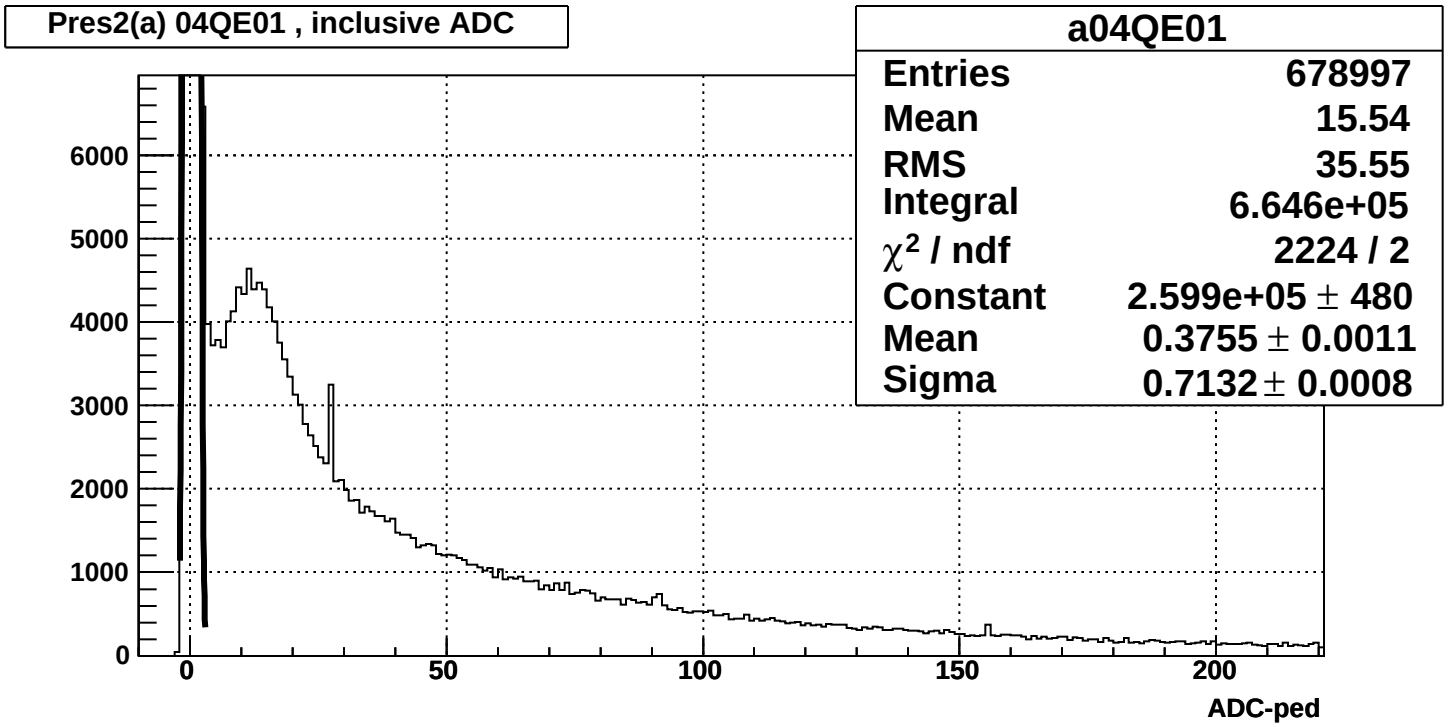

Pres2(d) 04QB01 , ADC, tag: UxV 2*thr
d04QB01
Entries 486
Mean 40.7
RMS 37.59
Integral 477
χ² / ndf 103.2 / 66
ampl-G 48.65 ± 6.44
const-L 60.06 ± 6.35
MPV-L 24.72 ± 1.69
sig-L 11.56 ± 1.36
35
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

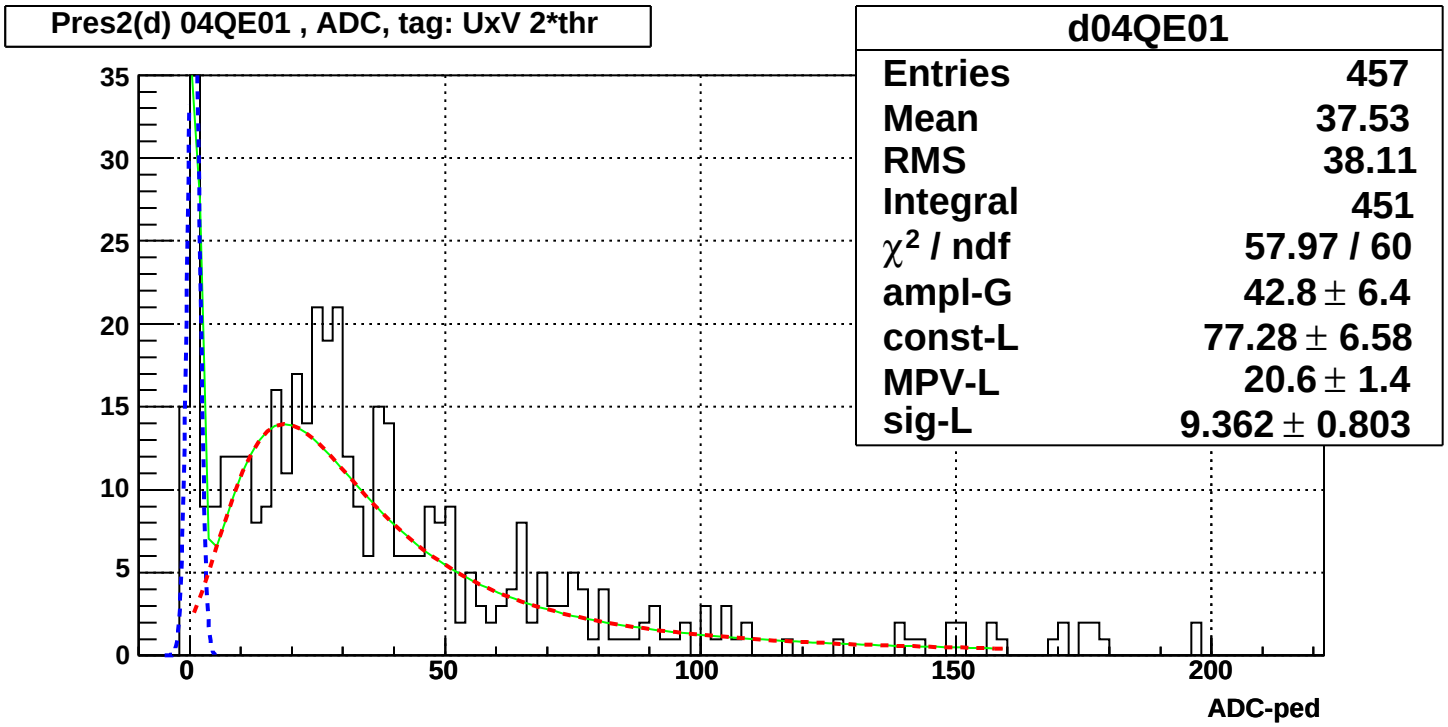

Pres2(a) 04QC01 , inclusive ADC
a04QC01
Entries 678997
Mean 16.71
RMS 38.78
Integral 6.577e+05
χ² / ndf 2981 / 2
Constant 2.619e+05 ± 491
Mean -0.2455 ± 0.0011
Sigma 0.7109 ± 0.0009
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

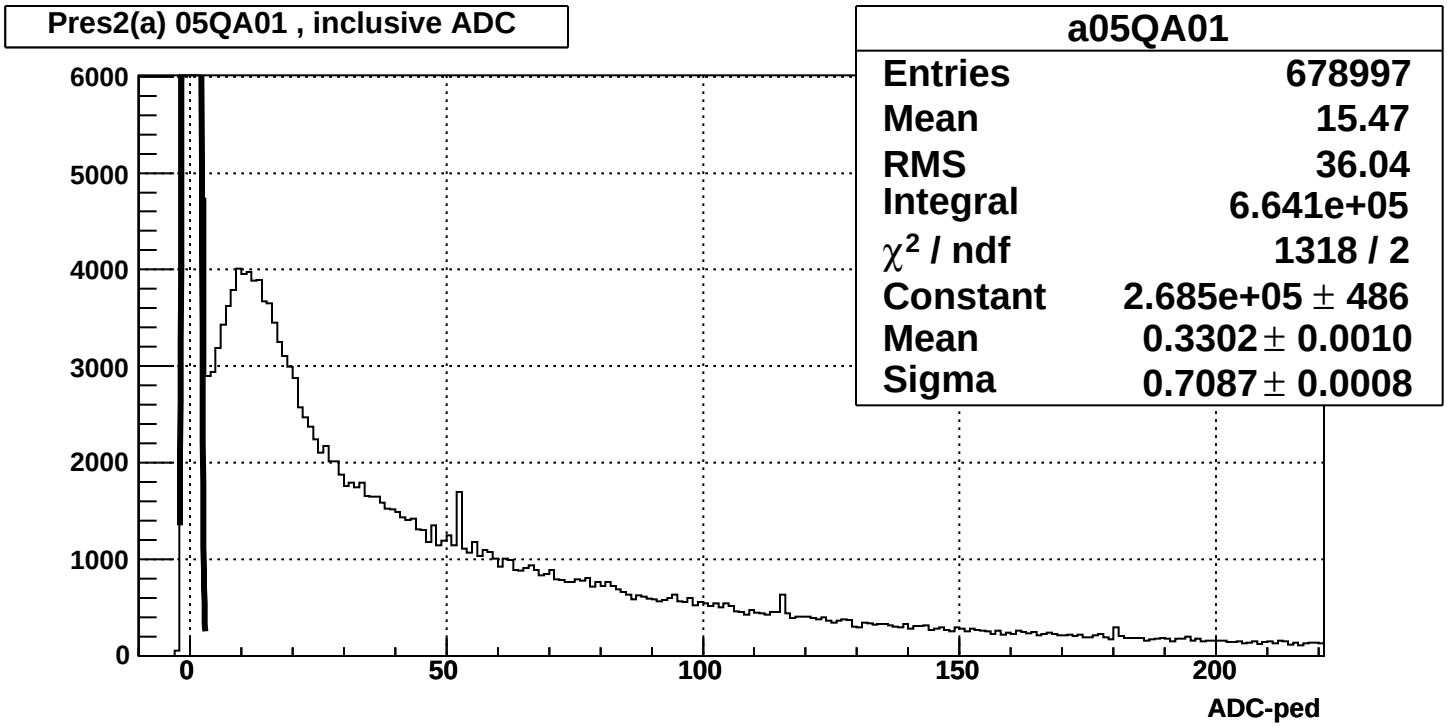

Pres2(d) 04QC01 , ADC, tag: UxV 2*thr
d04QC01
Entries 482
Mean 43.58
RMS 43.62
Integral 473
χ² / ndf 65.09 / 62
ampl-G 35.13 ± 5.40
const-L 63.99 ± 5.94
MPV-L 22.39 ± 1.80
sig-L 11.95 ± 1.30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

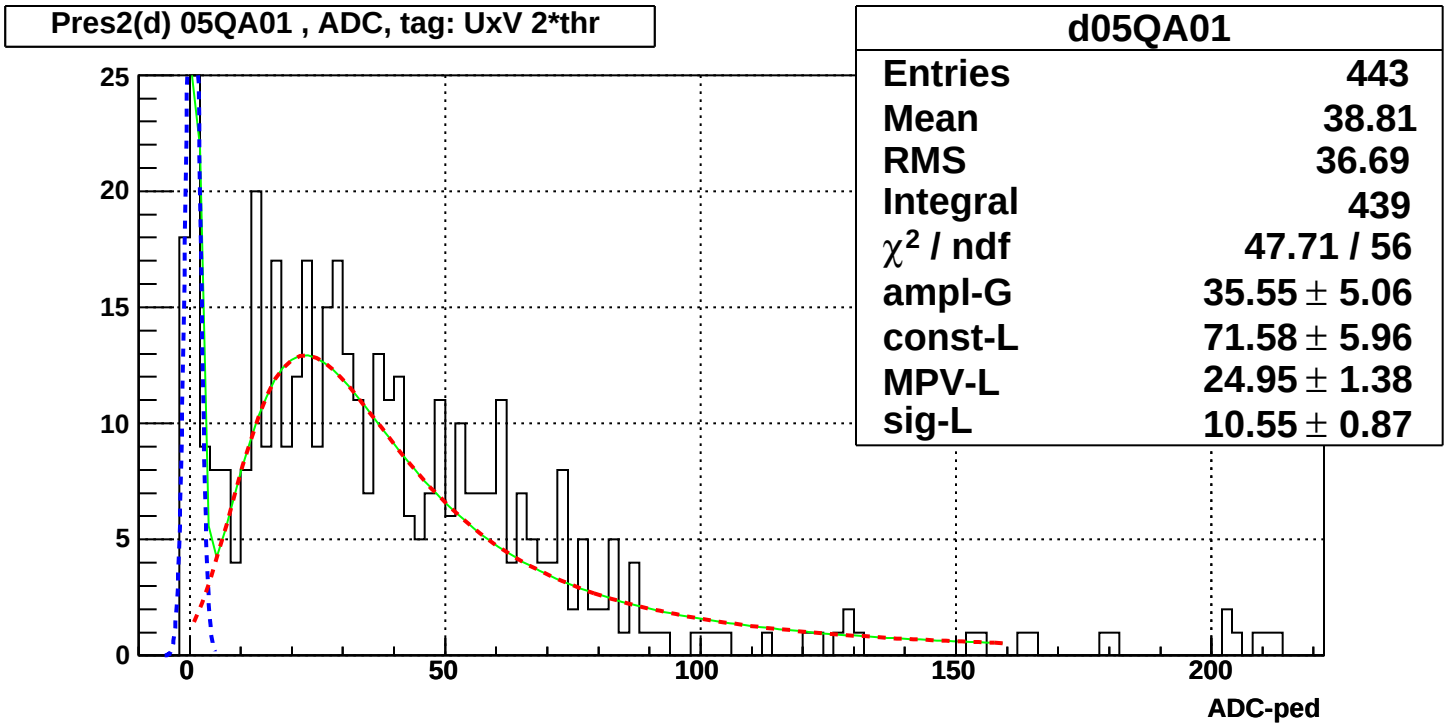

Pres2(a) 04QD01 , inclusive ADC
a04QD01
Entries 678997
Mean 13.94
RMS 34.19
Integral 6.678e+05
χ² / ndf 3819 / 2
Constant 2.631e+05 ± 496
Mean -0.3481 ± 0.0011
Sigma 0.7239 ± 0.0009
ADC-ped

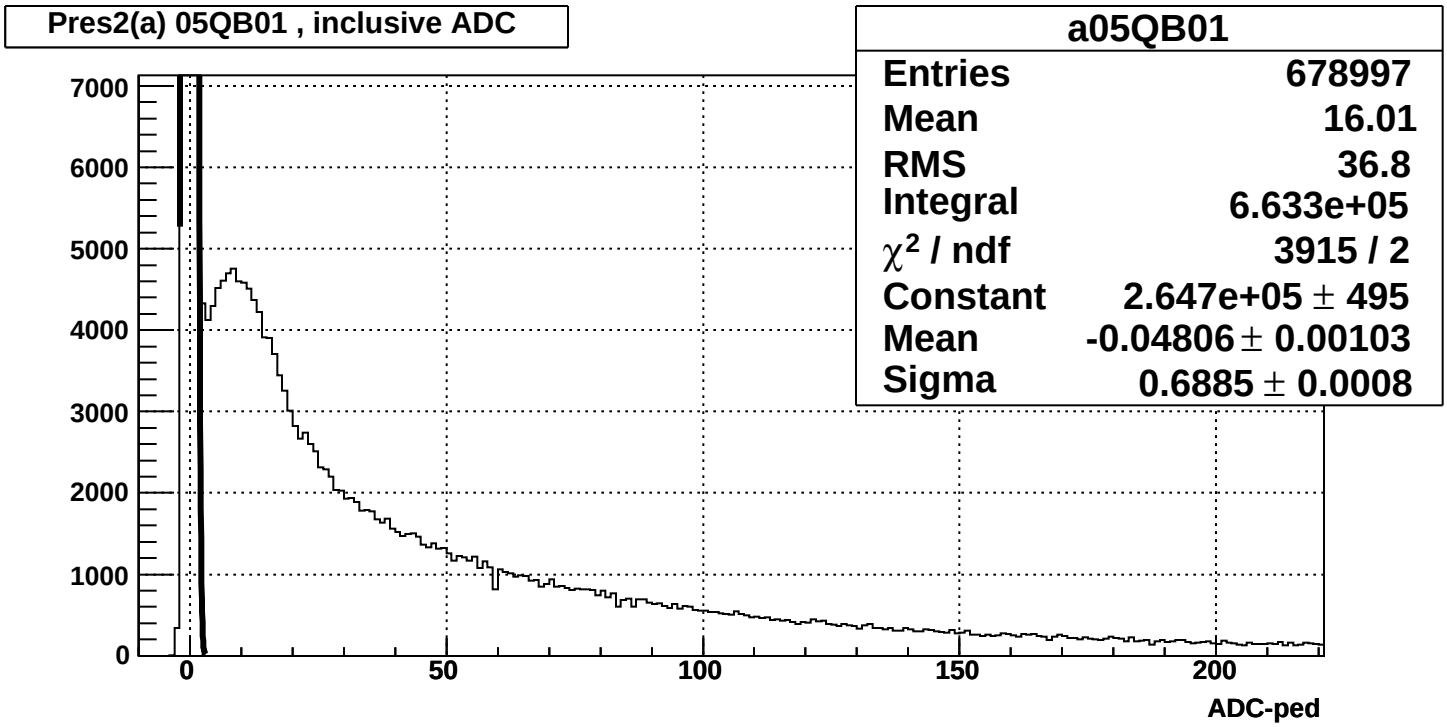

Pres2(d) 04QD01 , ADC, tag: UxV 2*thr
d04QD01
Entries 413
Mean 29.92
RMS 33.48
Integral 411
χ² / ndf 33.32 / 58
ampl-G 52.23 ± 6.66
const-L 84.71 ± 7.37
MPV-L 17.29 ± 1.13
sig-L 7.92 ± 0.65
ADC-ped

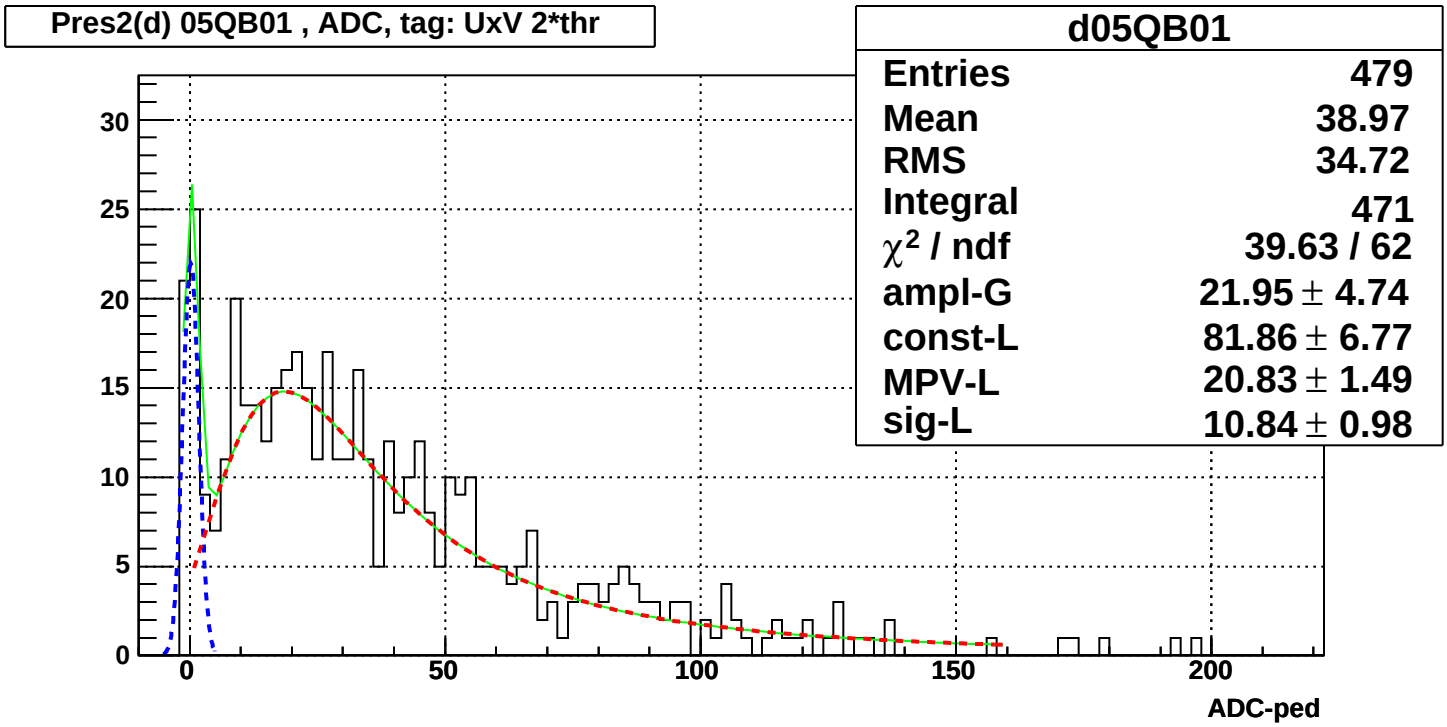

Pres2(a) 04QE01 , inclusive ADC
a04QE01
Entries 678997
Mean 15.54
RMS 35.55
Integral 6.646e+05
χ² / ndf 2224 / 2
Constant 2.599e+05 ± 480
Mean 0.3755 ± 0.0011
Sigma 0.7132 ± 0.0008
0
1000
2000
3000
4000
5000
6000
0
50
100
150
200
ADC-ped

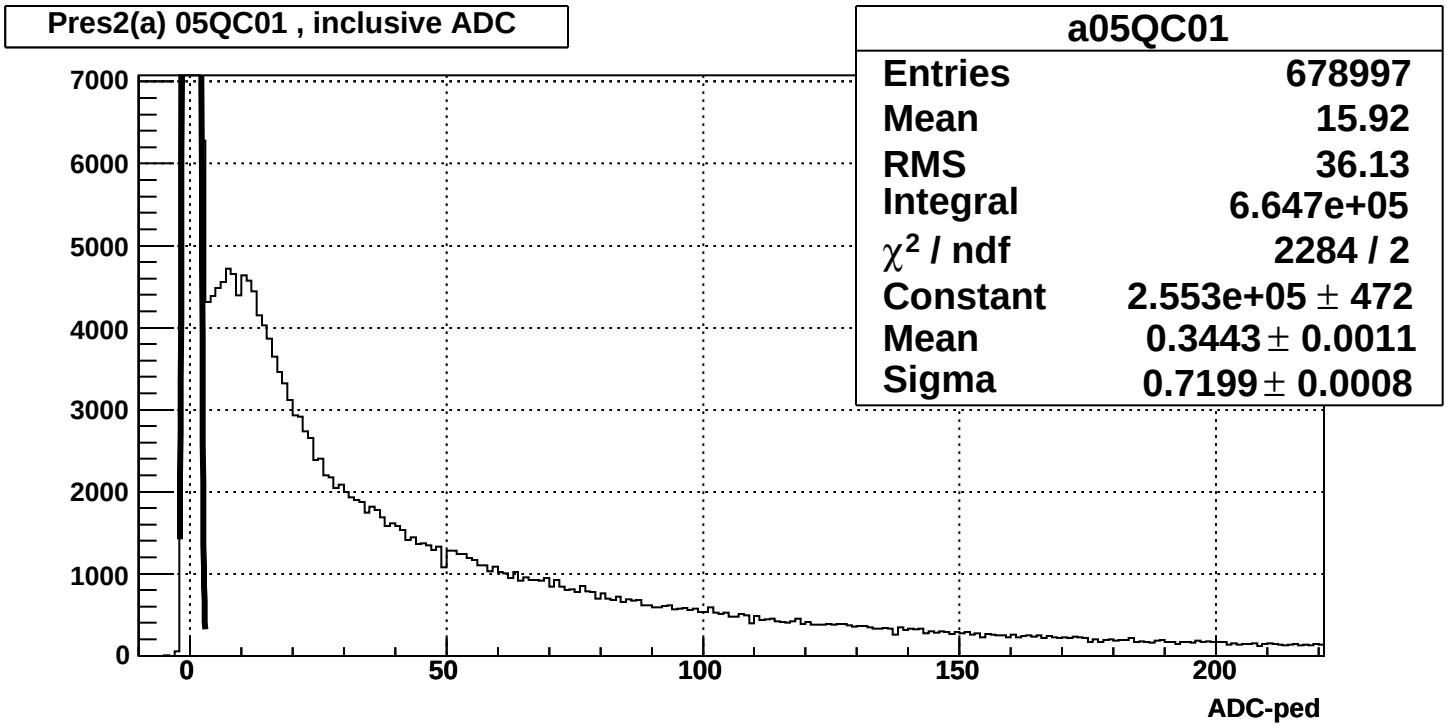

Pres2(d) 04QE01 , ADC, tag: UxV 2*thr
d04QE01
Entries 457
Mean 37.53
RMS 38.11
Integral 451
χ² / ndf 57.97 / 60
ampl-G 42.8 ± 6.4
const-L 77.28 ± 6.58
MPV-L 20.6 ± 1.4
sig-L 9.362 ± 0.803
0
5
10
15
20
25
30
35
0
50
100
150
200
ADC-ped

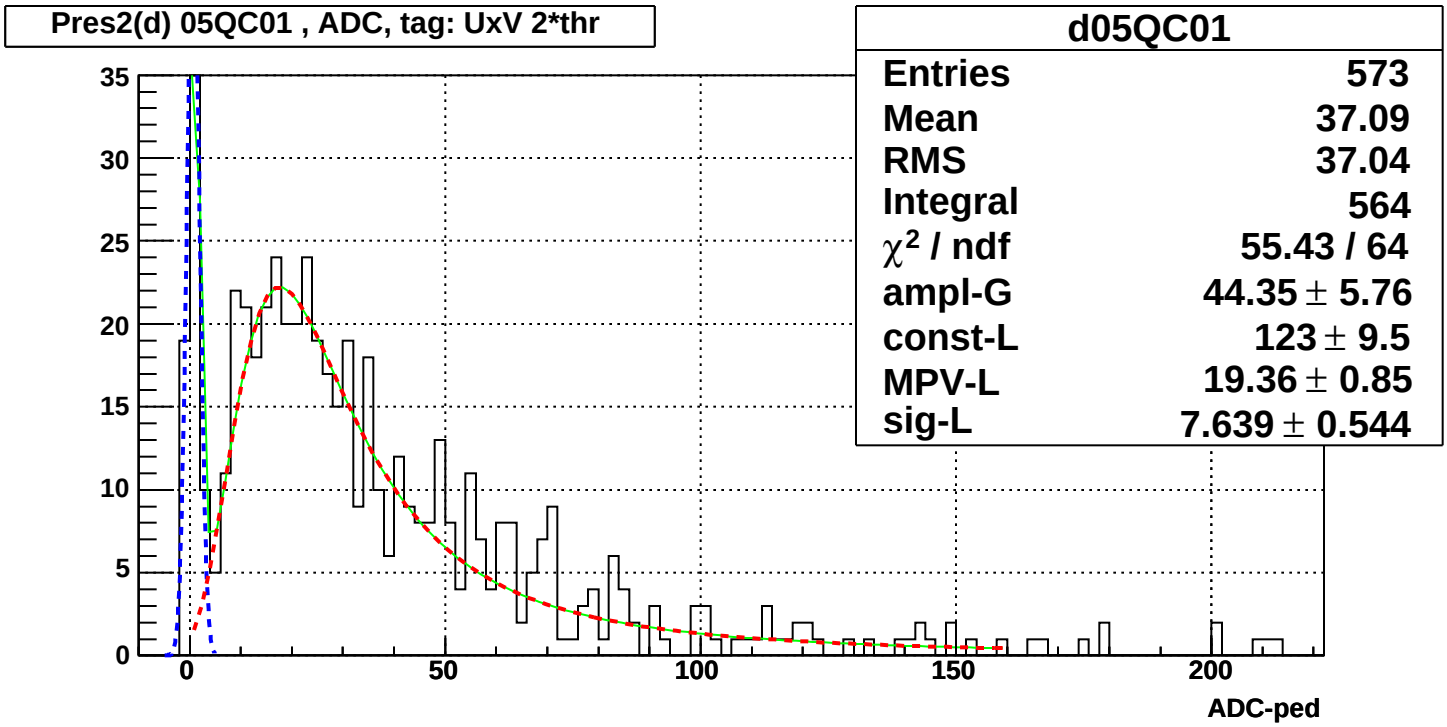

Pres2(a) 05QA01 , inclusive ADC
a05QA01
Entries 678997
Mean 15.47
RMS 36.04
Integral 6.641e+05
χ² / ndf 1318 / 2
Constant 2.685e+05 ± 486
Mean 0.3302 ± 0.0010
Sigma 0.7087 ± 0.0008
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

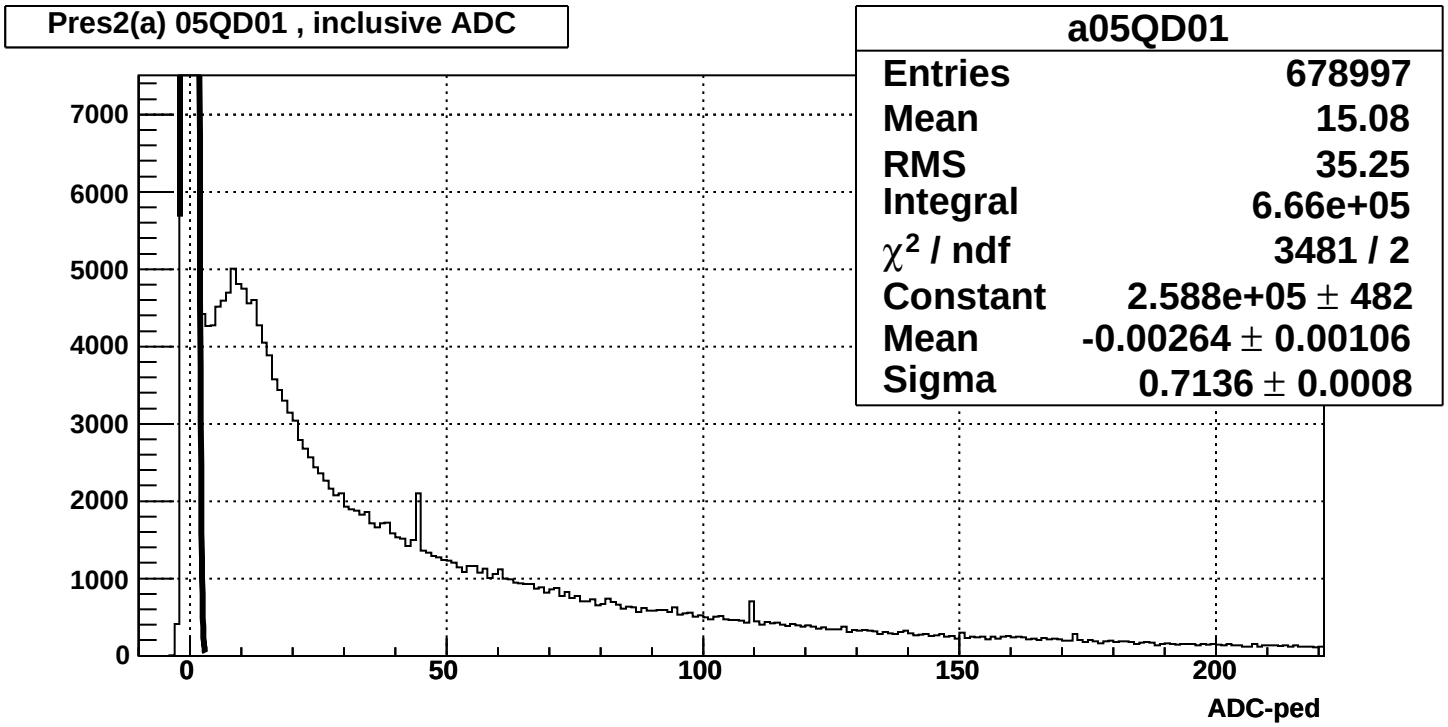

Pres2(d) 05QA01 , ADC, tag: UxV 2*thr
d05QA01
Entries 443
Mean 38.81
RMS 36.69
Integral 439
χ² / ndf 47.71 / 56
ampl-G 35.55 ± 5.06
const-L 71.58 ± 5.96
MPV-L 24.95 ± 1.38
sig-L 10.55 ± 0.87
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

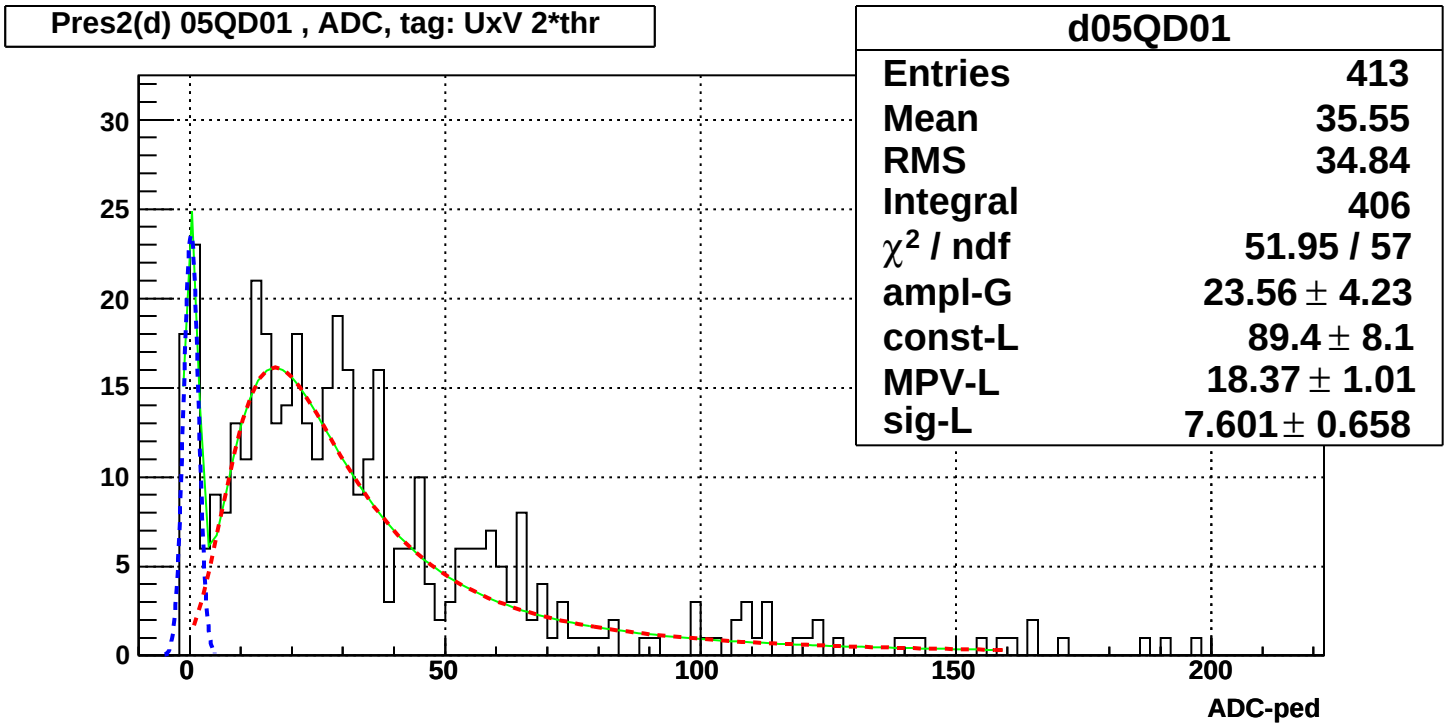

Pres2(a) 05QB01 , inclusive ADC
a05QB01
Entries 678997
Mean 16.01
RMS 36.8
Integral 6.633e+05
χ² / ndf 3915 / 2
Constant 2.647e+05 ± 495
Mean -0.04806 ± 0.00103
Sigma 0.6885 ± 0.0008
7000
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

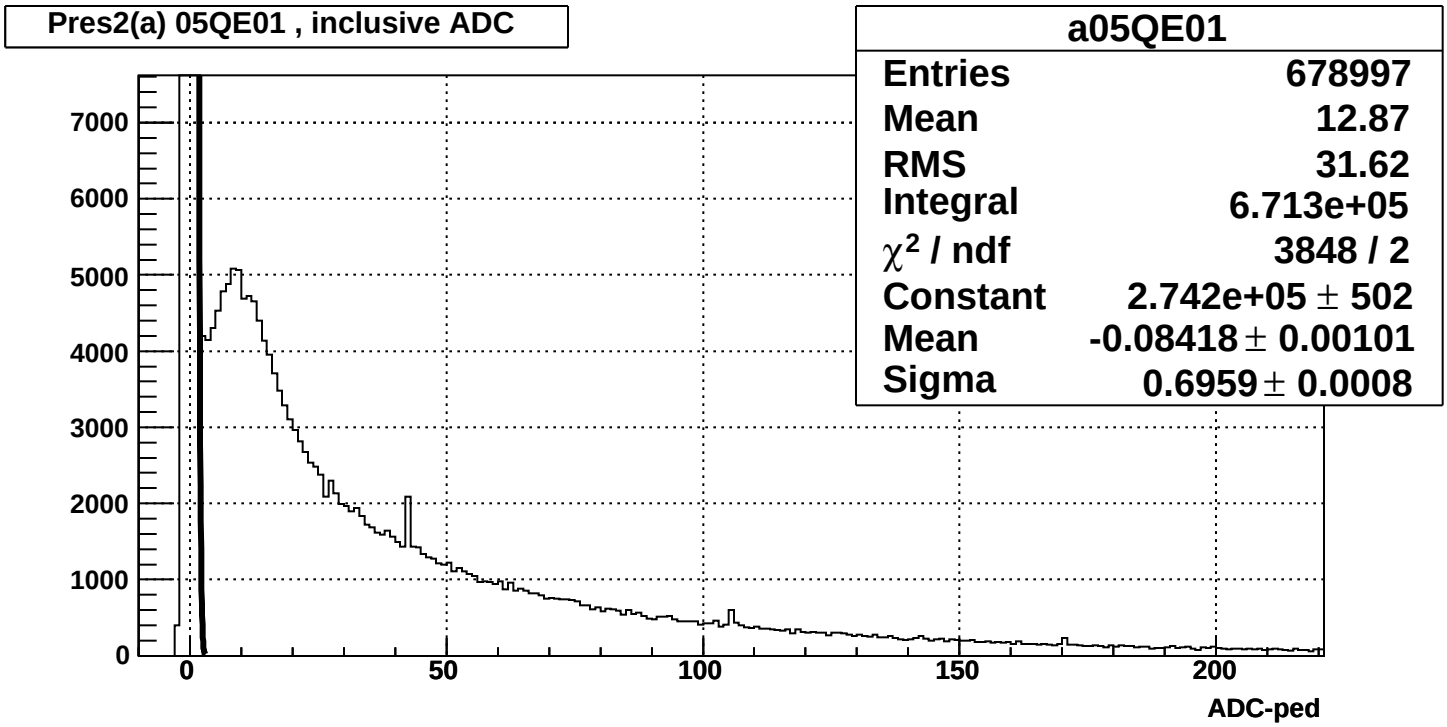

Pres2(d) 05QB01 , ADC, tag: UxV 2*thr
d05QB01
Entries 479
Mean 38.97
RMS 34.72
Integral 471
χ² / ndf 39.63 / 62
ampl-G 21.95 ± 4.74
const-L 81.86 ± 6.77
MPV-L 20.83 ± 1.49
sig-L 10.84 ± 0.98
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

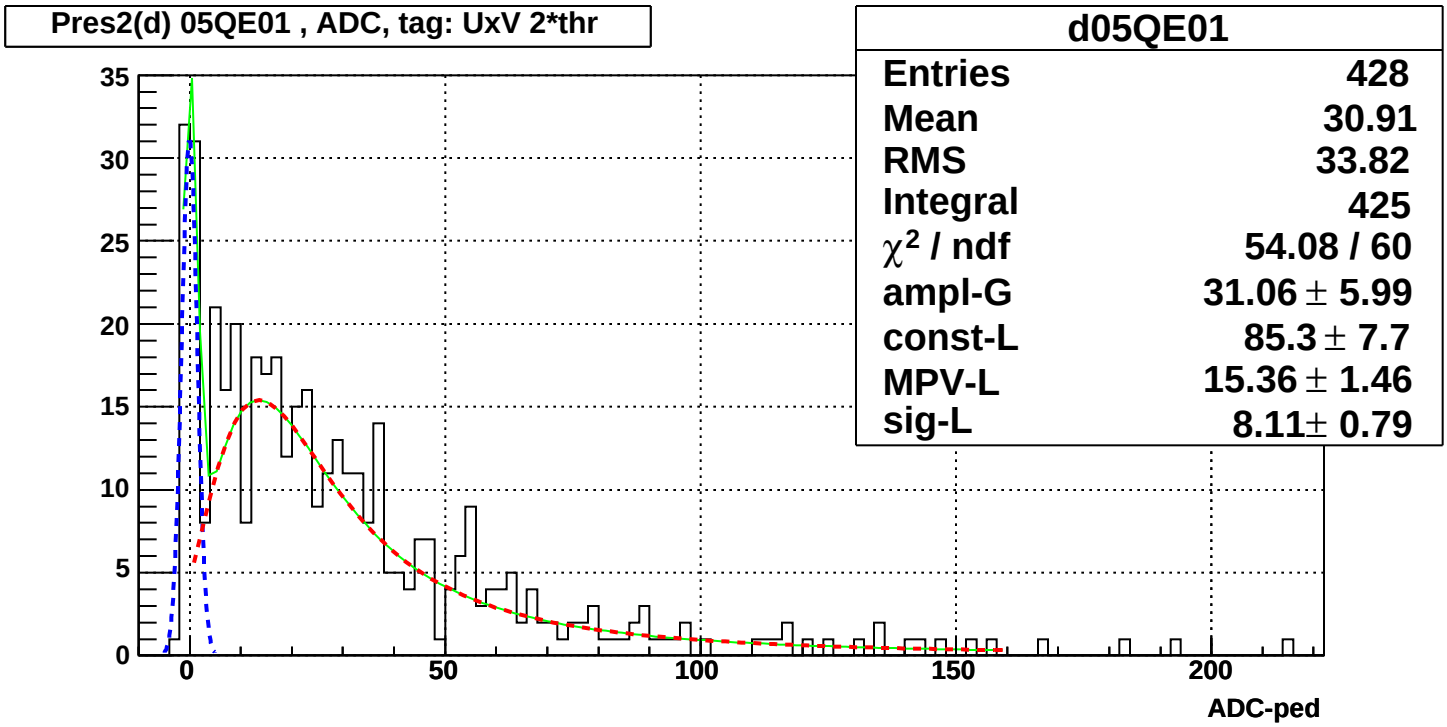

Pres2(a) 05QC01 , inclusive ADC
a05QC01
Entries 678997
Mean 15.92
RMS 36.13
Integral 6.647e+05
χ² / ndf 2284 / 2
Constant 2.553e+05 ± 472
Mean 0.3443 ± 0.0011
Sigma 0.7199 ± 0.0008
7000
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

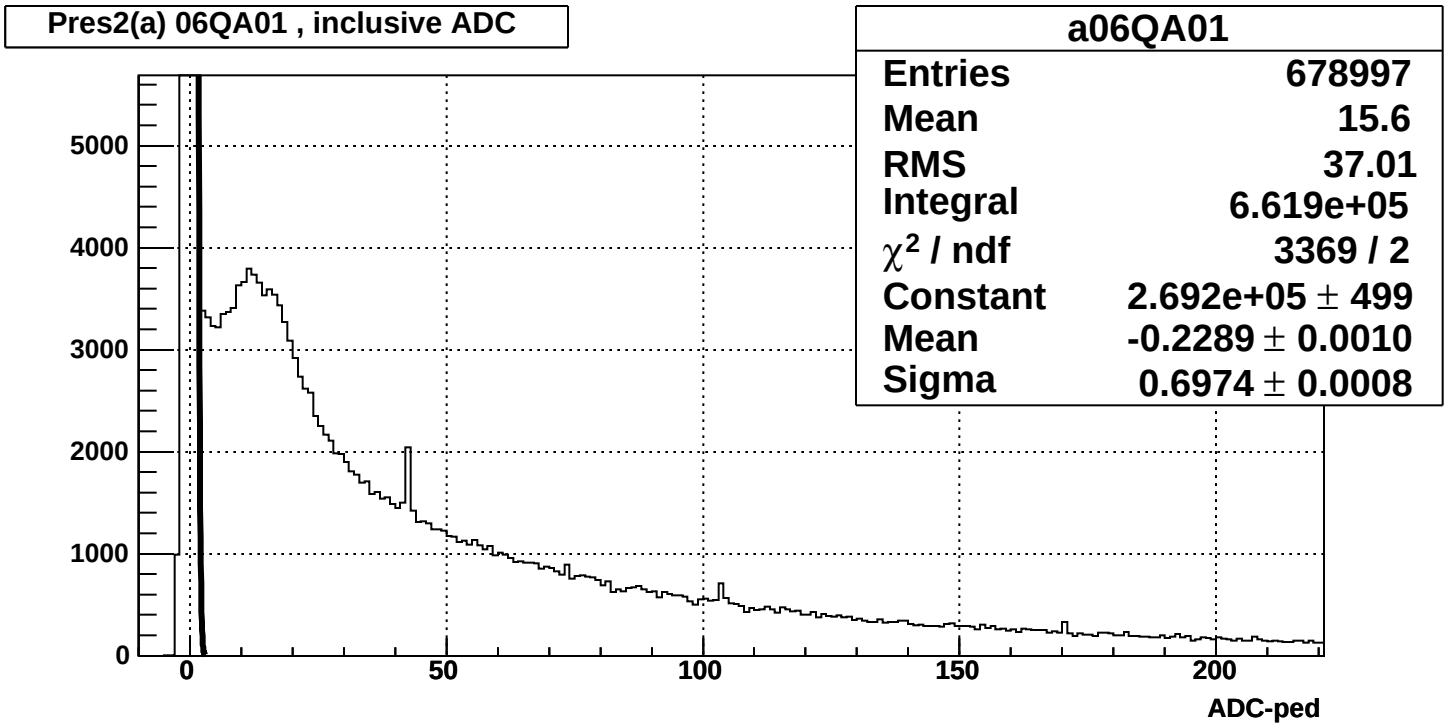

Pres2(d) 05QC01 , ADC, tag: UxV 2*thr
d05QC01
Entries 573
Mean 37.09
RMS 37.04
Integral 564
χ² / ndf 55.43 / 64
ampl-G 44.35 ± 5.76
const-L 123 ± 9.5
MPV-L 19.36 ± 0.85
sig-L 7.639 ± 0.544
35
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

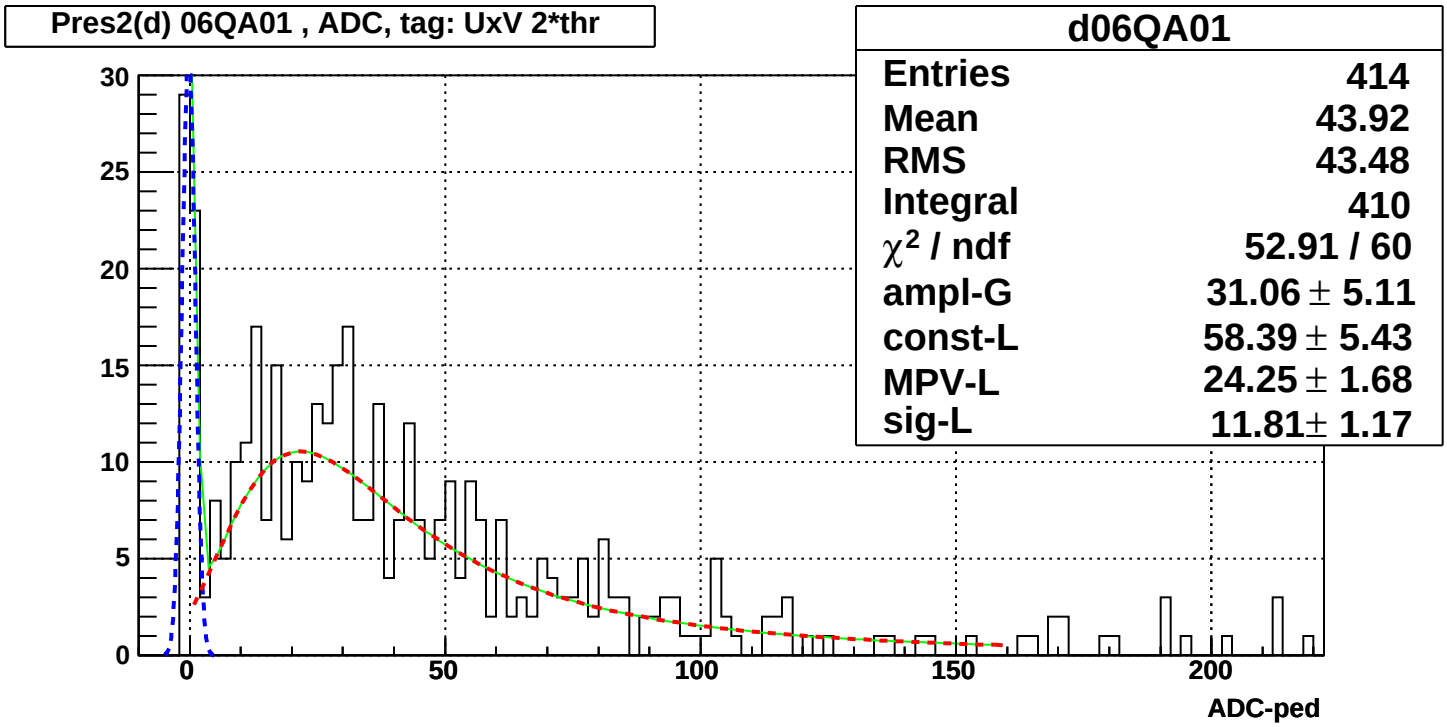

Pres2(a) 05QD01 , inclusive ADC
a05QD01
Entries 678997
Mean 15.08
RMS 35.25
Integral 6.66e+05
χ² / ndf 3481 / 2
Constant 2.588e+05 ± 482
Mean -0.00264 ± 0.00106
Sigma 0.7136 ± 0.0008
ADC-ped

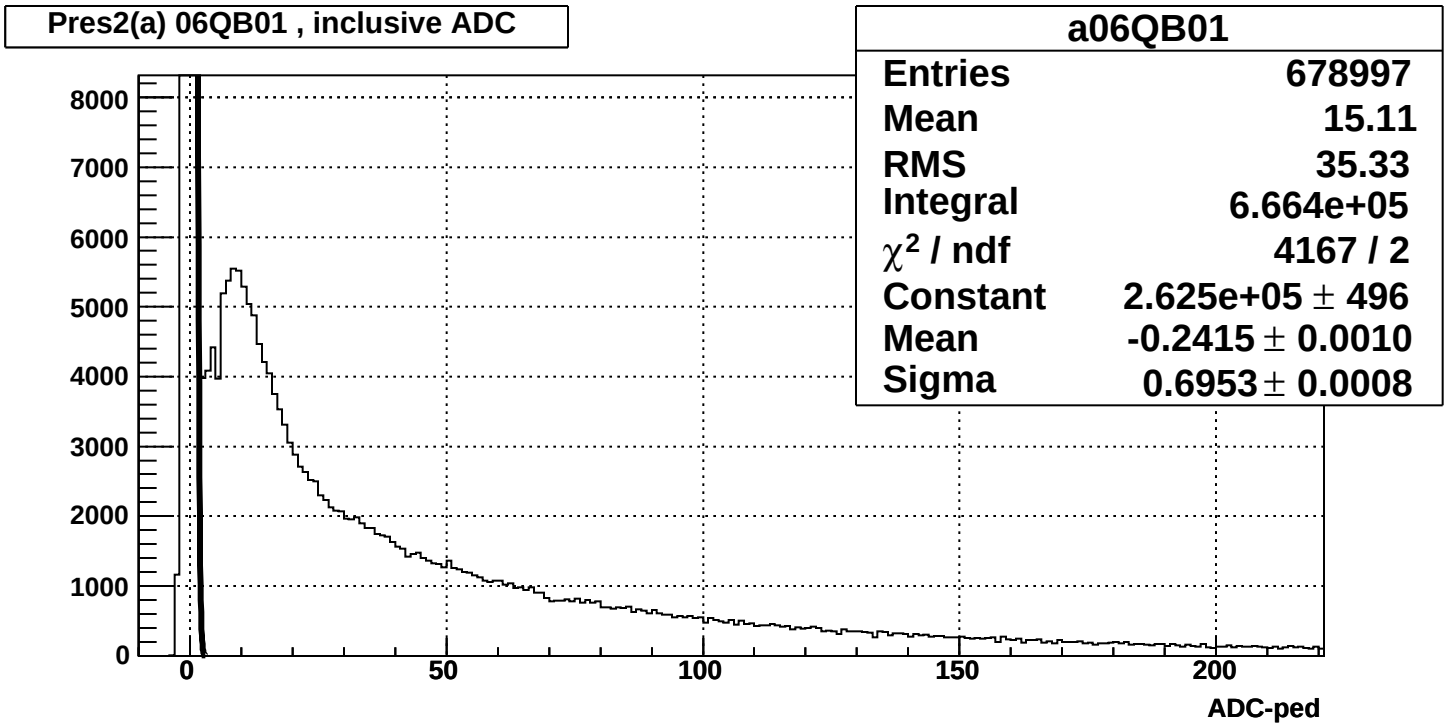

Pres2(d) 05QD01 , ADC, tag: UxV 2*thr
d05QD01
Entries 413
Mean 35.55
RMS 34.84
Integral 406
χ² / ndf 51.95 / 57
ampl-G 23.56 ± 4.23
const-L 89.4 ± 8.1
MPV-L 18.37 ± 1.01
sig-L 7.601 ± 0.658
ADC-ped

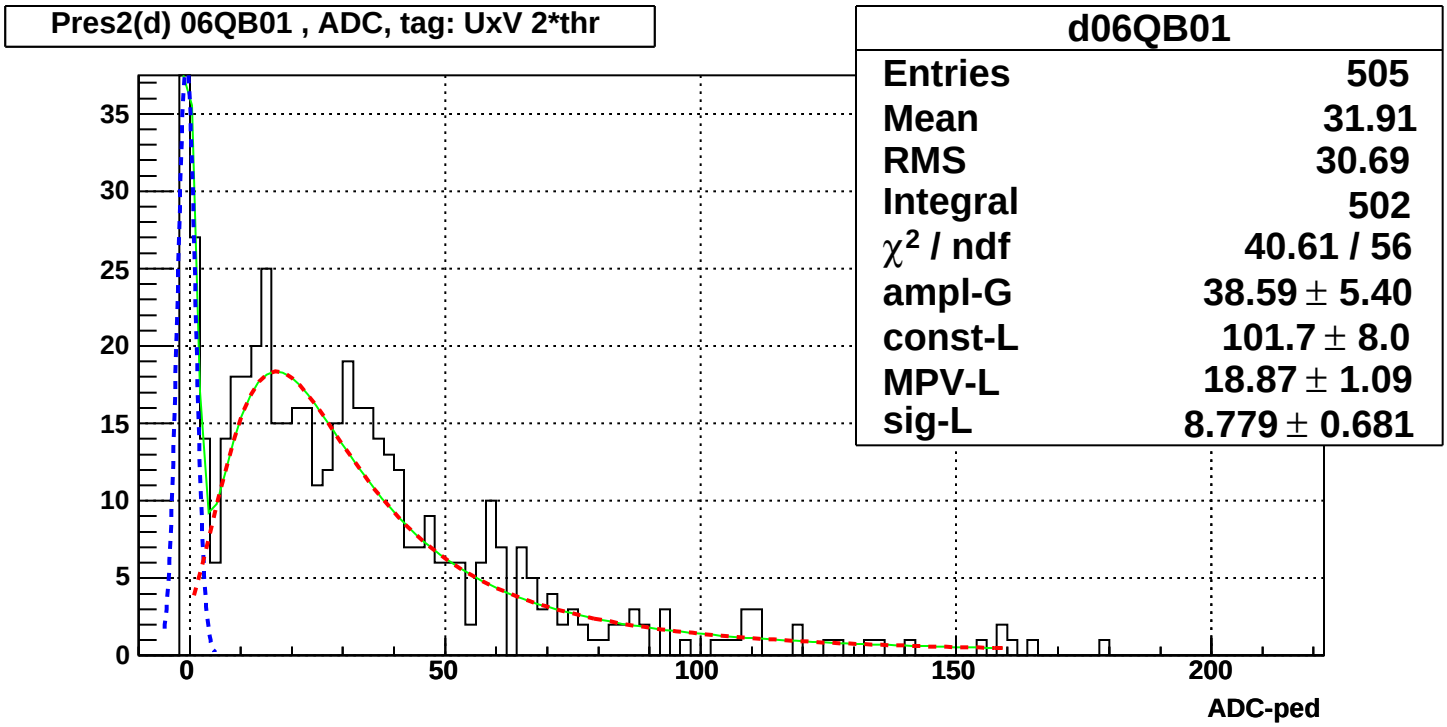

Pres2(a) 05QE01 , inclusive ADC
a05QE01
Entries 678997
Mean 12.87
RMS 31.62
Integral 6.713e+05
χ² / ndf 3848 / 2
Constant 2.742e+05 ± 502
Mean -0.08418 ± 0.00101
Sigma 0.6959 ± 0.0008
ADC-ped

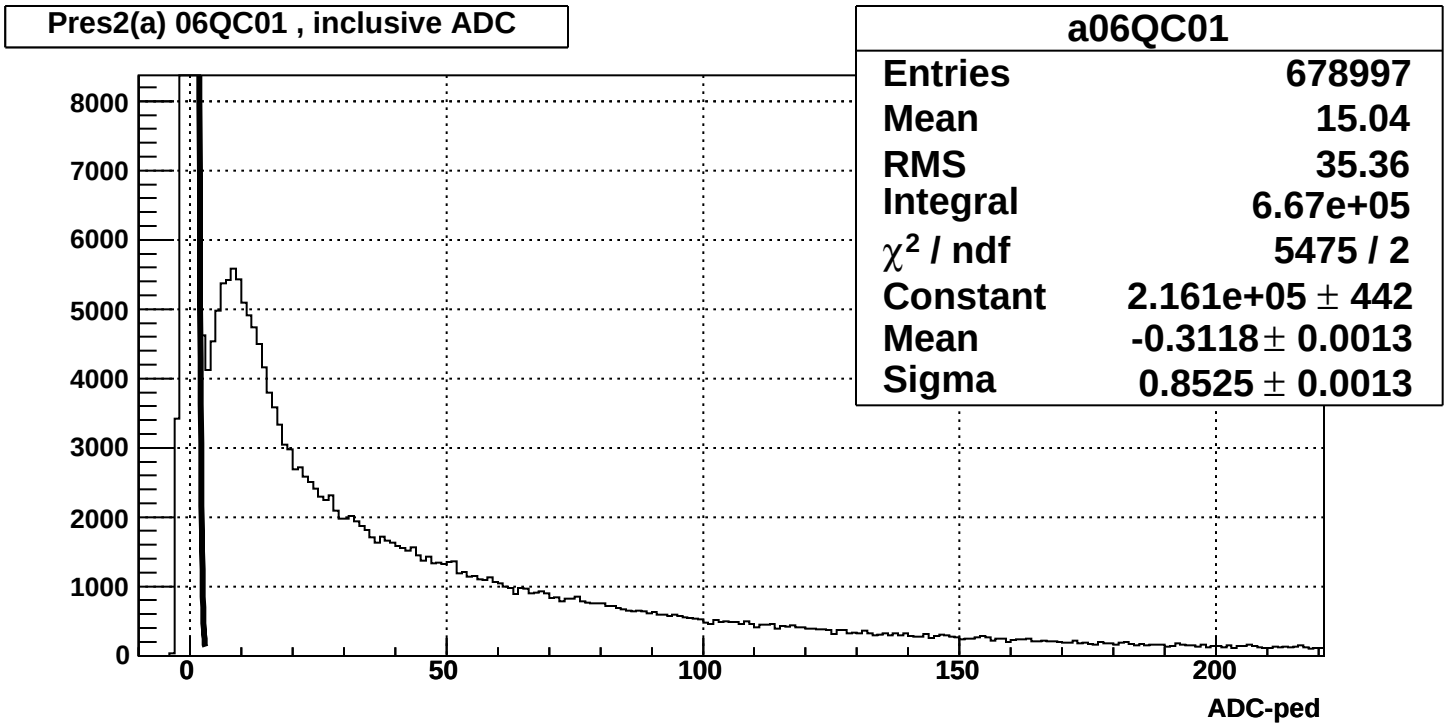

Pres2(d) 05QE01 , ADC, tag: UxV 2*thr
d05QE01
Entries 428
Mean 30.91
RMS 33.82
Integral 425
χ² / ndf 54.08 / 60
ampl-G 31.06 ± 5.99
const-L 85.3 ± 7.7
MPV-L 15.36 ± 1.46
sig-L 8.11± 0.79
ADC-ped

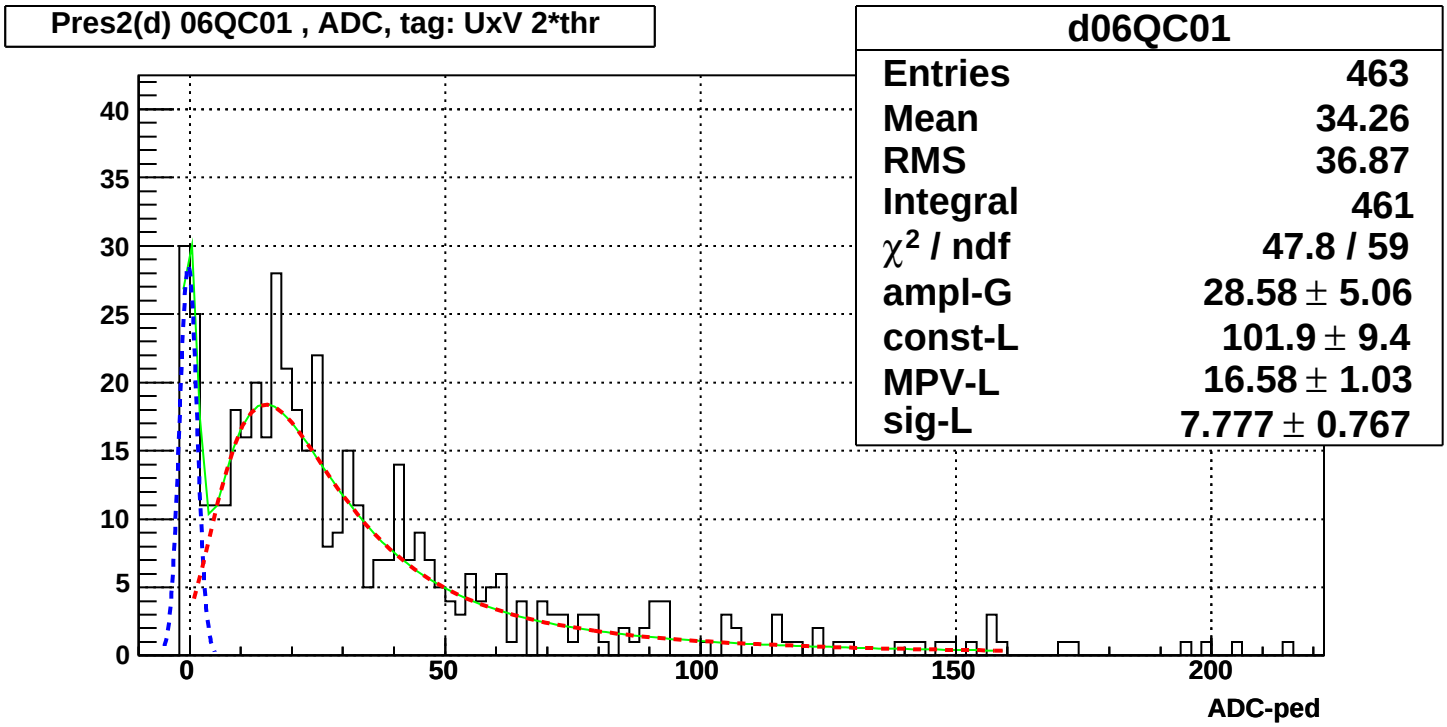

Pres2(a) 06QA01 , inclusive ADC
a06QA01
Entries 678997
Mean 15.6
RMS 37.01
Integral 6.619e+05
χ² / ndf 3369 / 2
Constant 2.692e+05 ± 499
Mean -0.2289 ± 0.0010
Sigma 0.6974 ± 0.0008
ADC-ped

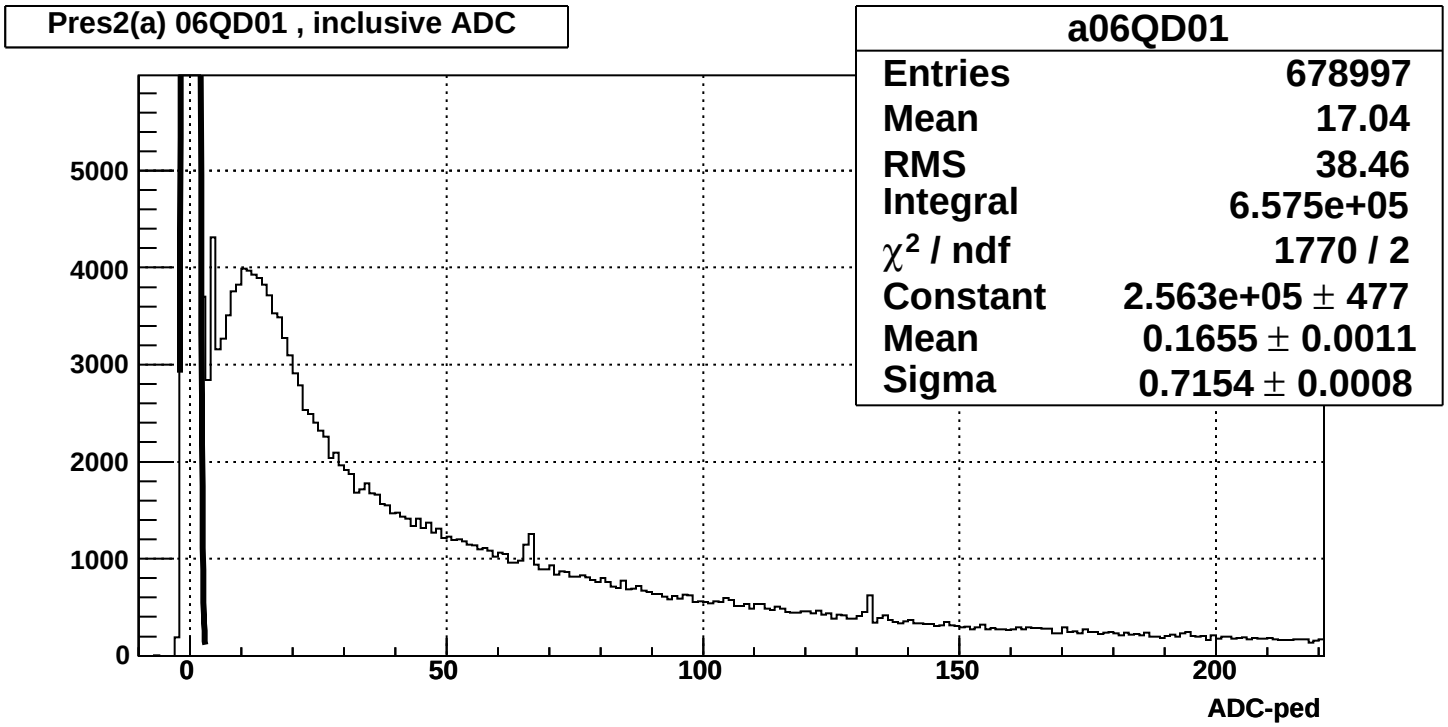

Pres2(d) 06QA01 , ADC, tag: UxV 2*thr
d06QA01
Entries 414
Mean 43.92
RMS 43.48
Integral 410
χ² / ndf 52.91 / 60
ampl-G 31.06 ± 5.11
const-L 58.39 ± 5.43
MPV-L 24.25 ± 1.68
sig-L 11.81± 1.17
ADC-ped

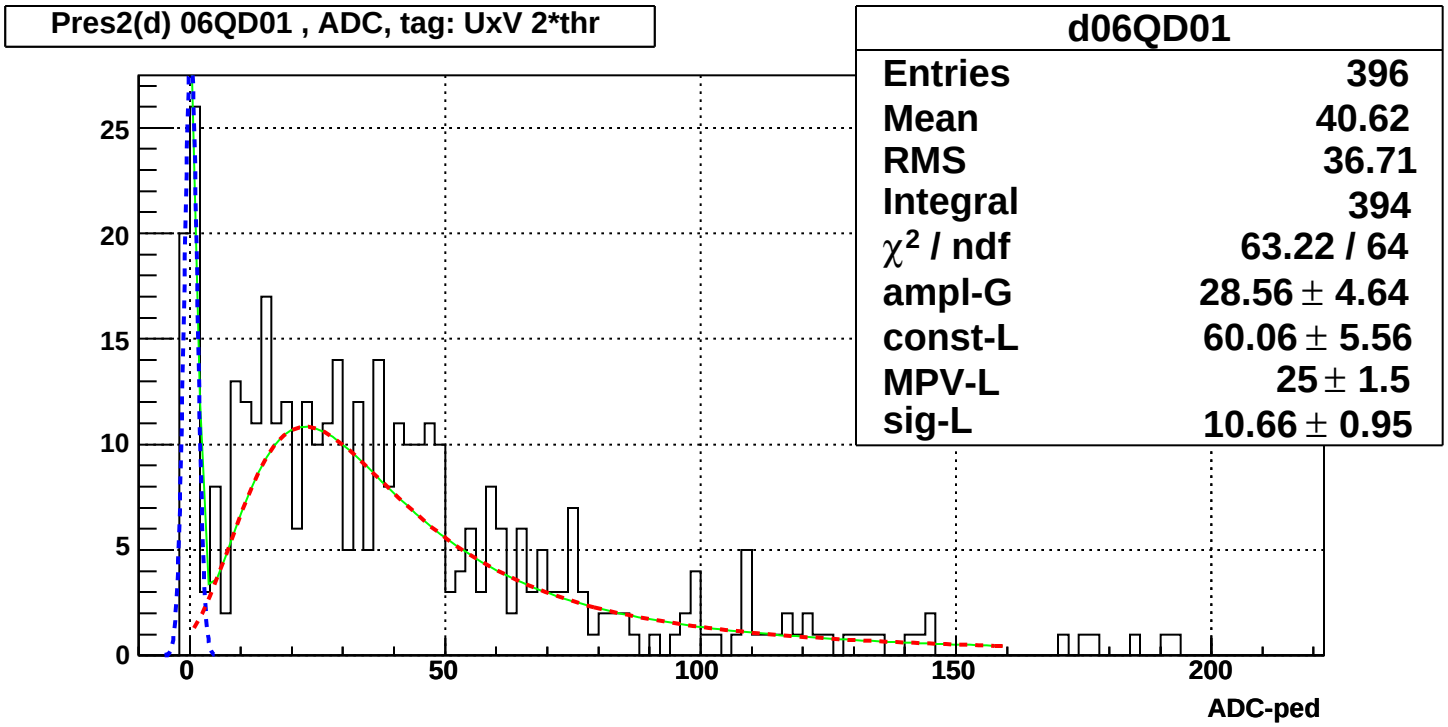

Pres2(a) 06QB01 , inclusive ADC
a06QB01
Entries 678997
Mean 15.11
RMS 35.33
Integral 6.664e+05
χ² / ndf 4167 / 2
Constant 2.625e+05 ± 496
Mean -0.2415 ± 0.0010
Sigma 0.6953 ± 0.0008
8000
7000
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

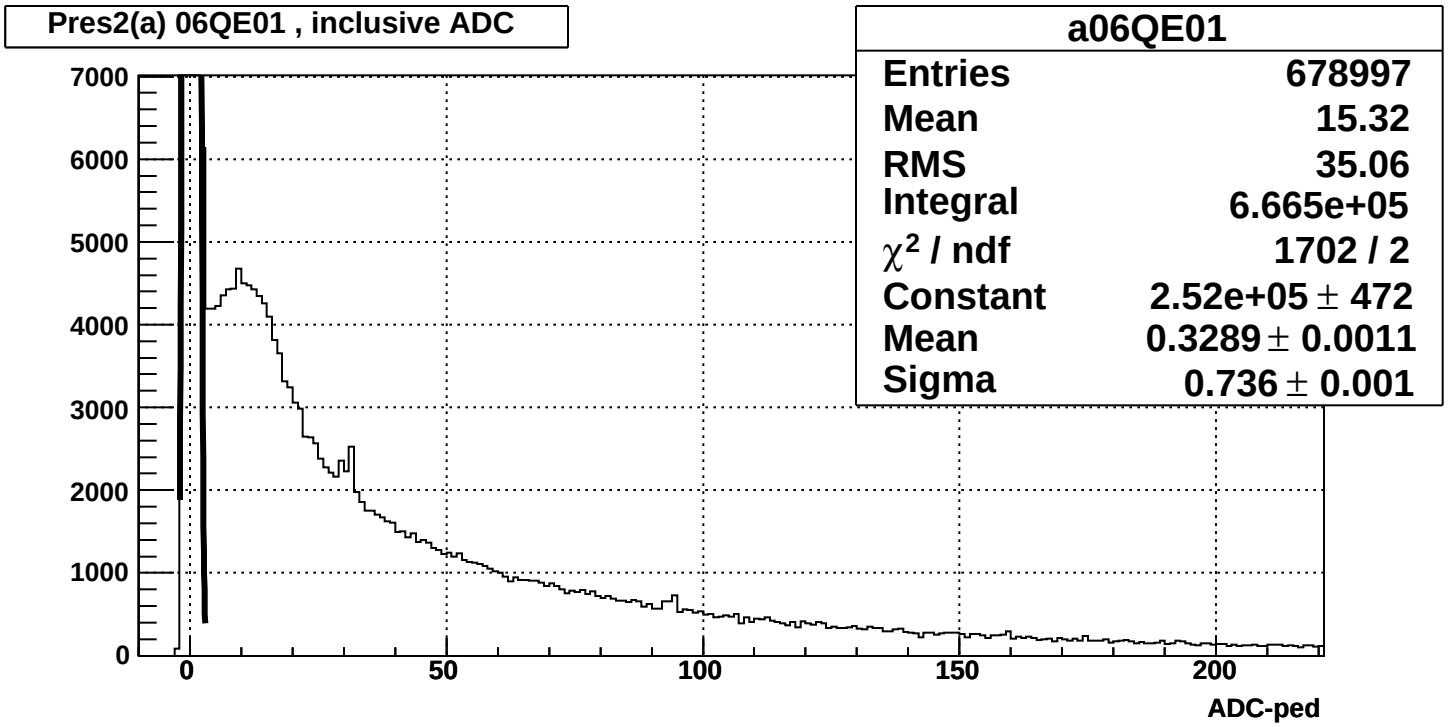

Pres2(d) 06QB01 , ADC, tag: UxV 2*thr
d06QB01
Entries 505
Mean 31.91
RMS 30.69
Integral 502
χ² / ndf 40.61 / 56
ampl-G 38.59 ± 5.40
const-L 101.7 ± 8.0
MPV-L 18.87 ± 1.09
sig-L 8.779 ± 0.681
35
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

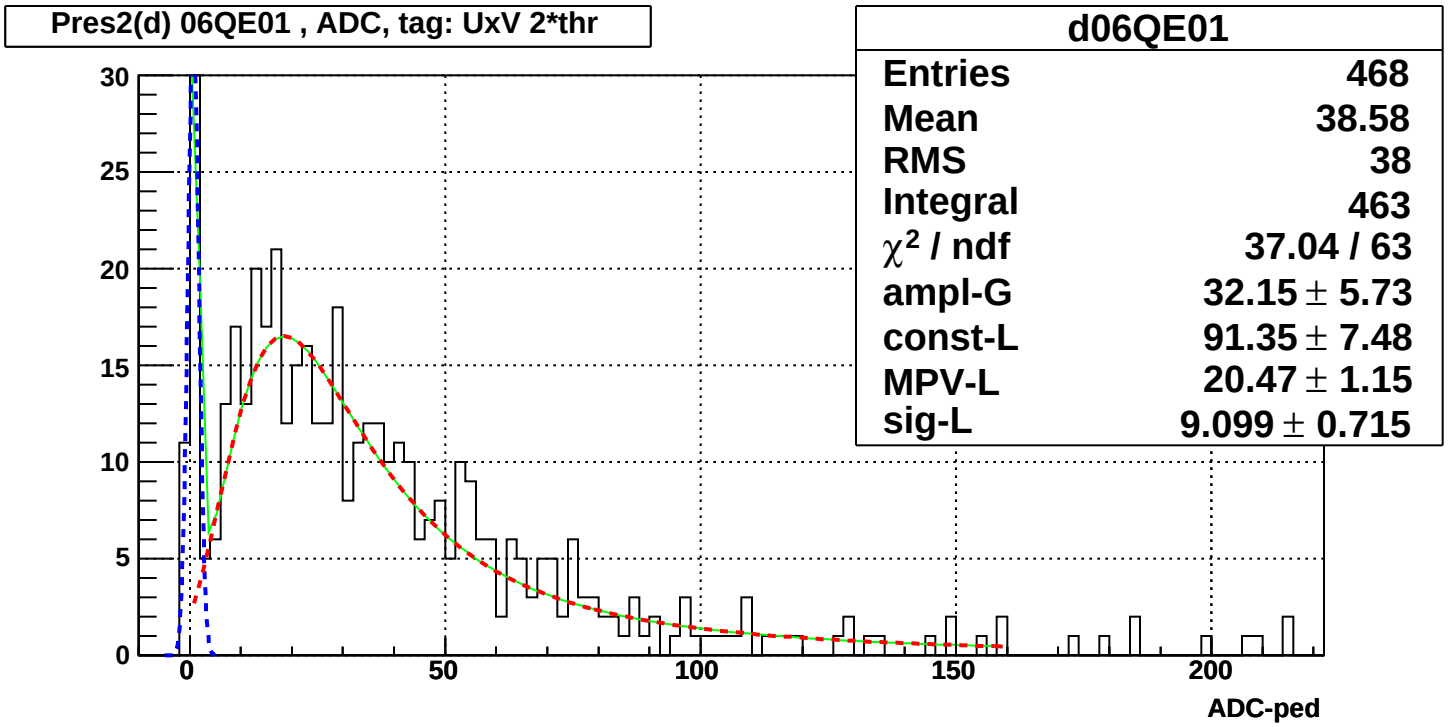

Pres2(a) 06QC01 , inclusive ADC
a06QC01
Entries 678997
Mean 15.04
RMS 35.36
Integral 6.67e+05
χ² / ndf 5475 / 2
Constant 2.161e+05 ± 442
Mean -0.3118 ± 0.0013
Sigma 0.8525 ± 0.0013
8000
7000
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

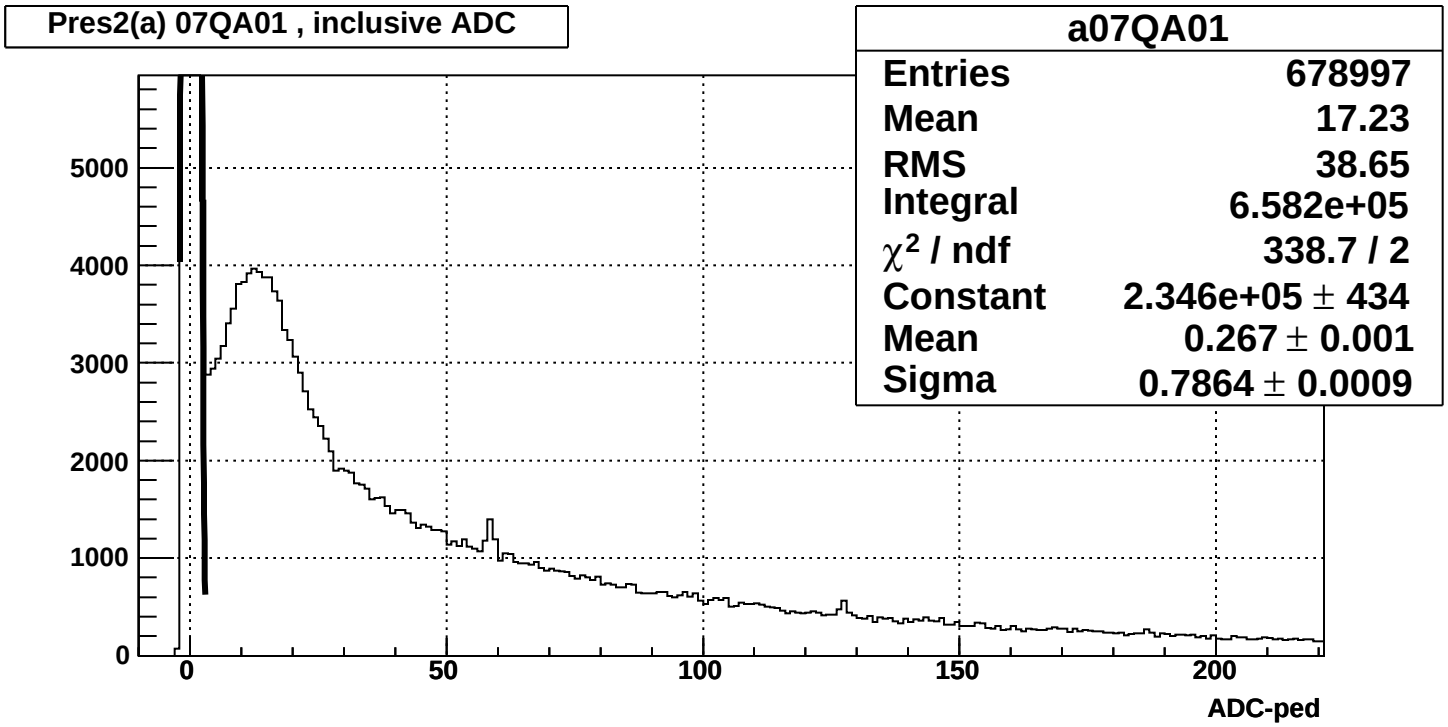

Pres2(d) 06QC01 , ADC, tag: UxV 2*thr
d06QC01
Entries 463
Mean 34.26
RMS 36.87
Integral 461
χ² / ndf 47.8 / 59
ampl-G 28.58 ± 5.06
const-L 101.9 ± 9.4
MPV-L 16.58 ± 1.03
sig-L 7.777 ± 0.767
40
35
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

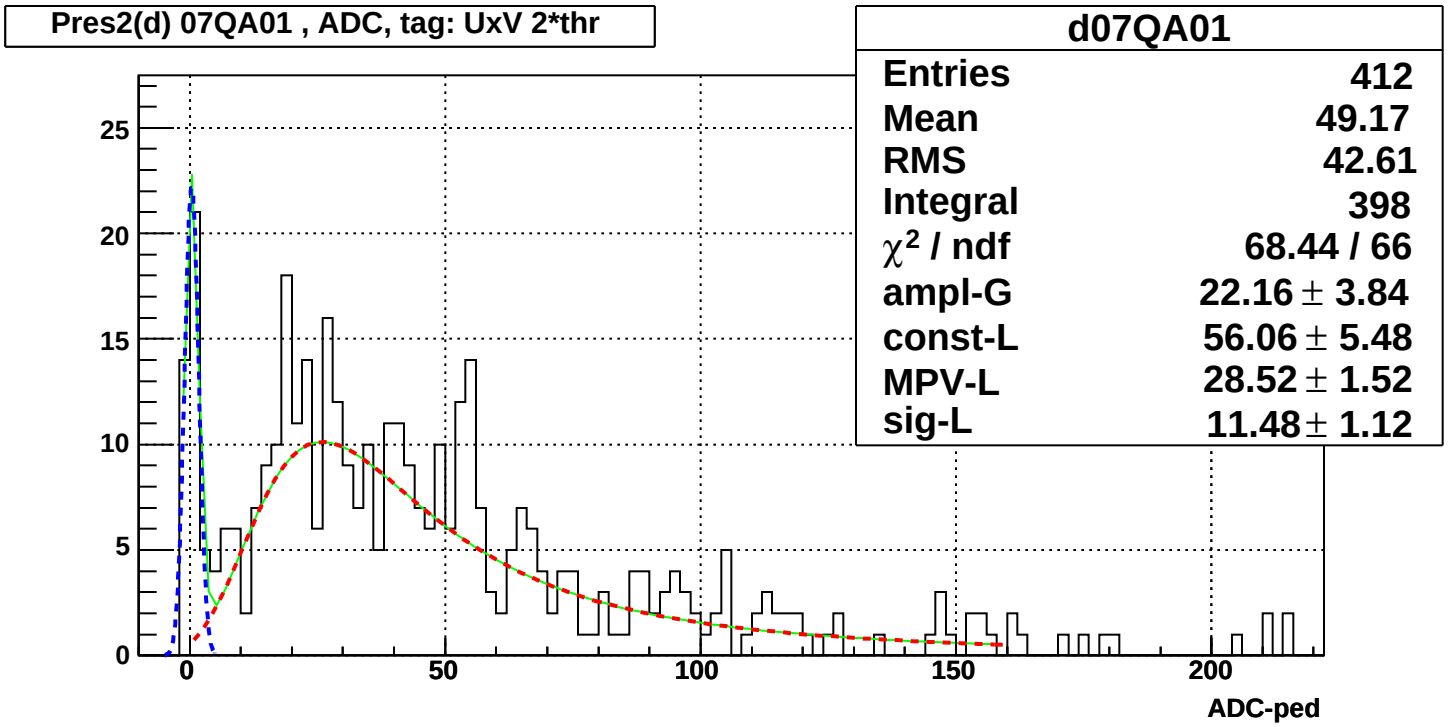

Pres2(a) 06QD01 , inclusive ADC
a06QD01
Entries 678997
Mean 17.04
RMS 38.46
Integral 6.575e+05
χ² / ndf 1770 / 2
Constant 2.563e+05 ± 477
Mean 0.1655 ± 0.0011
Sigma 0.7154 ± 0.0008
0
1000
2000
3000
4000
5000
0
50
100
150
200
ADC-ped

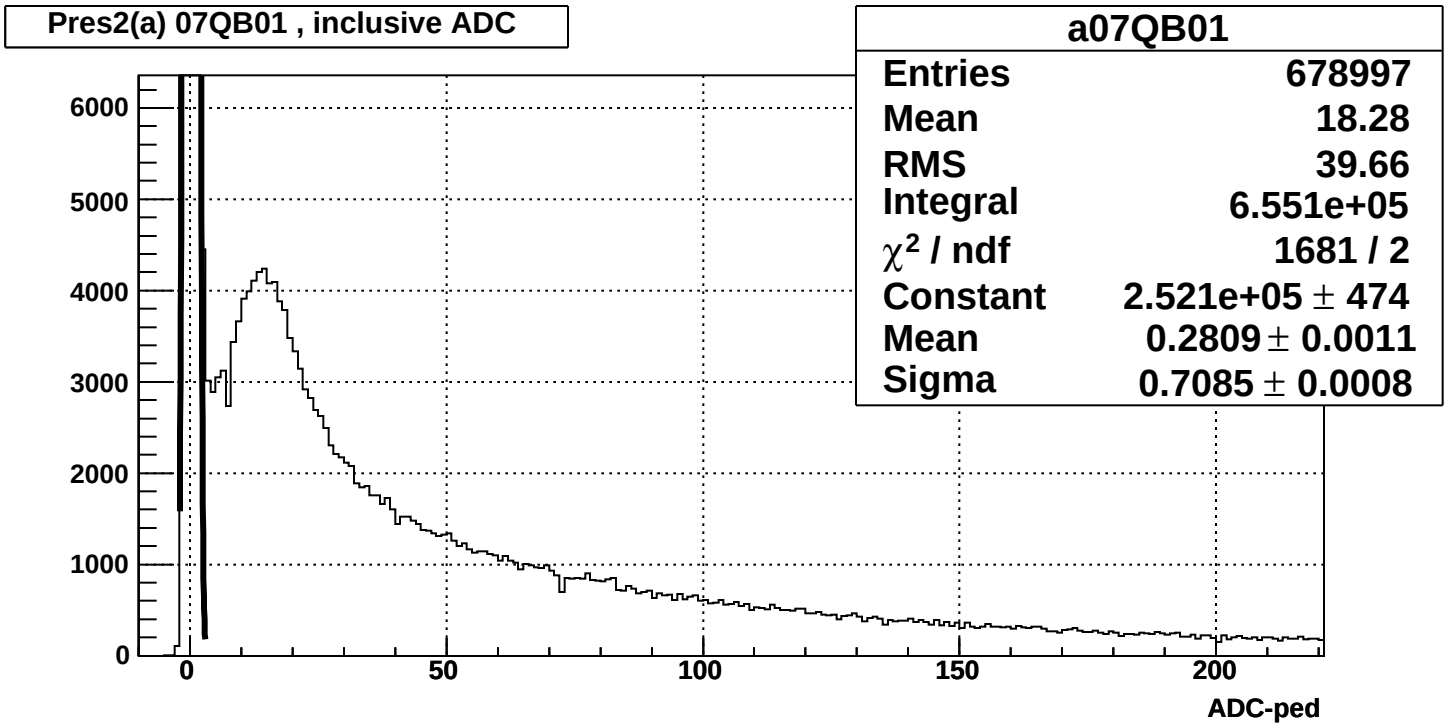

Pres2(d) 06QD01 , ADC, tag: UxV 2*thr
d06QD01
Entries 396
Mean 40.62
RMS 36.71
Integral 394
χ² / ndf 63.22 / 64
ampl-G 28.56 ± 4.64
const-L 60.06 ± 5.56
MPV-L 25 ± 1.5
sig-L 10.66 ± 0.95
0
5
10
15
20
25
0
50
100
150
200
ADC-ped

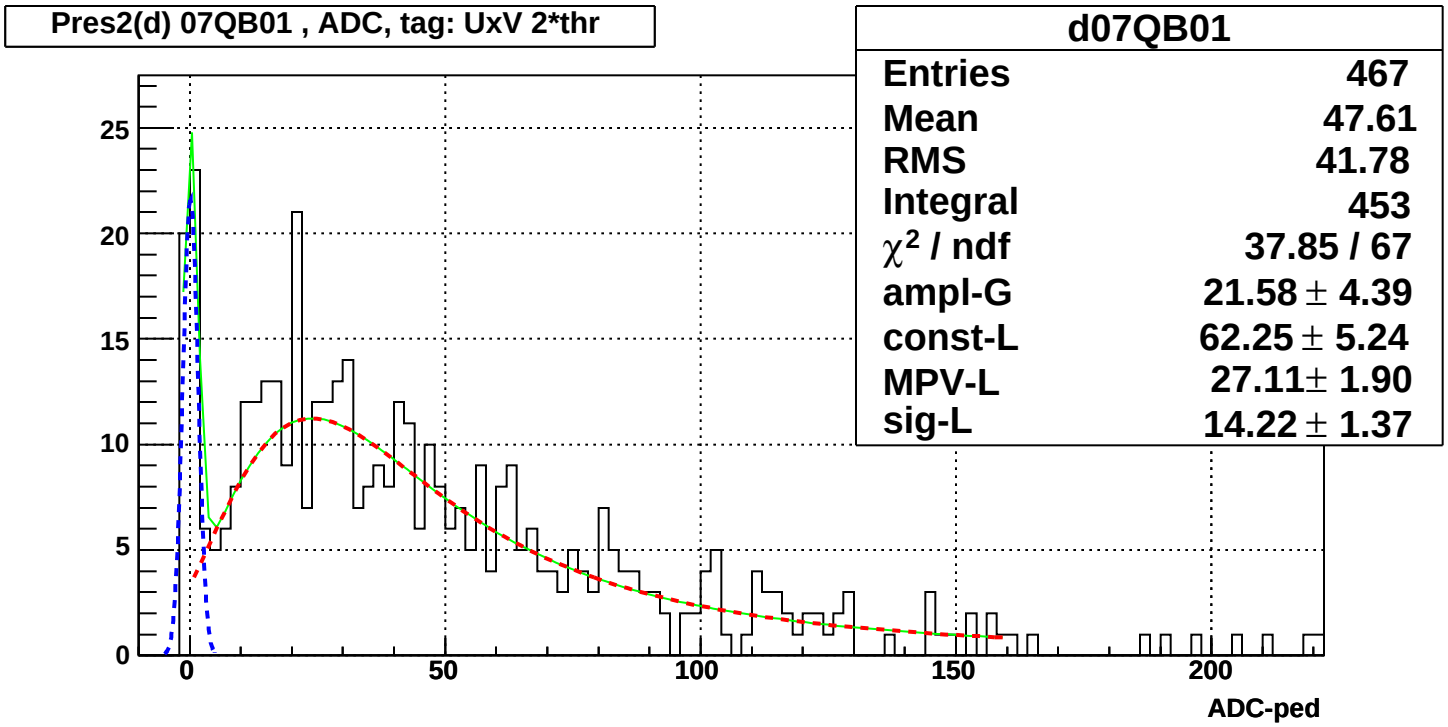

Pres2(a) 06QE01 , inclusive ADC
a06QE01
Entries 678997
Mean 15.32
RMS 35.06
Integral 6.665e+05
χ² / ndf 1702 / 2
Constant 2.52e+05 ± 472
Mean 0.3289 ± 0.0011
Sigma 0.736 ± 0.001
ADC-ped

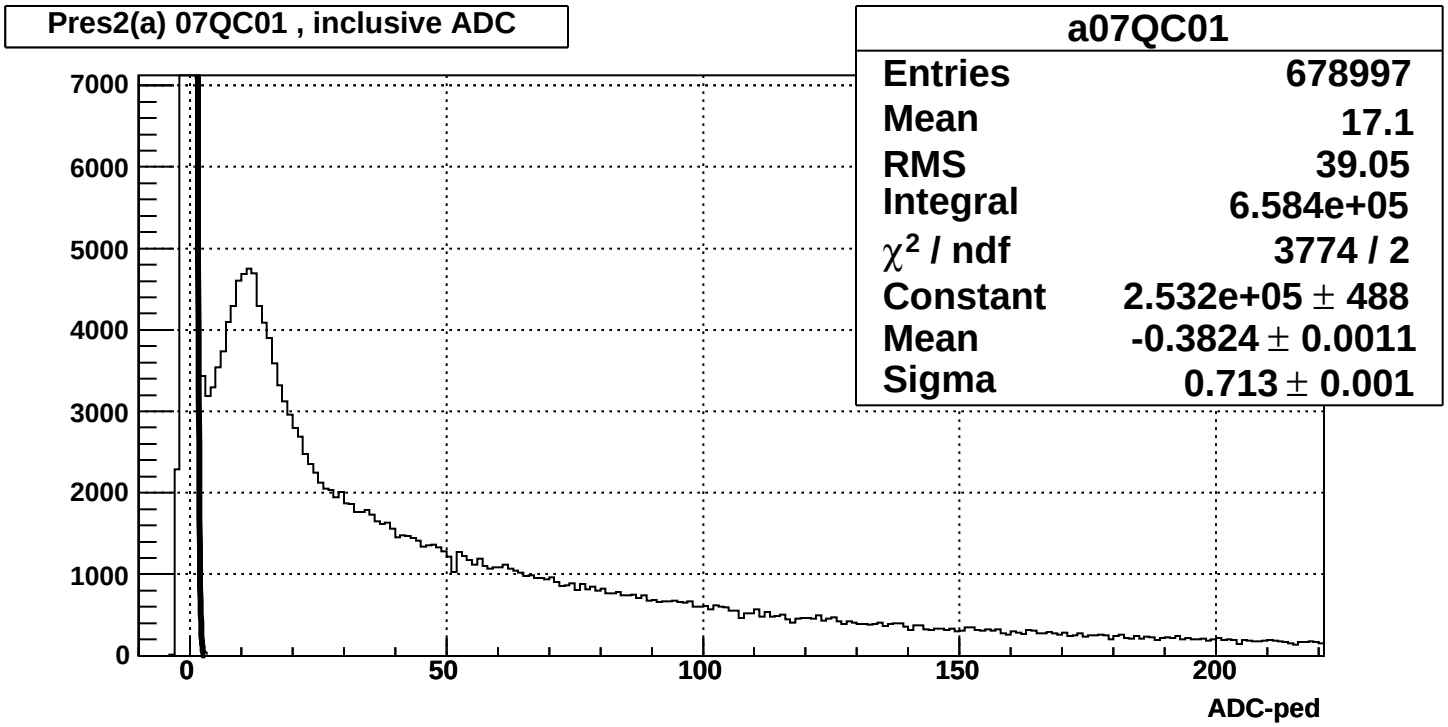

Pres2(d) 06QE01 , ADC, tag: UxV 2*thr
d06QE01
Entries 468
Mean 38.58
RMS 38
Integral 463
χ² / ndf 37.04 / 63
ampl-G 32.15 ± 5.73
const-L 91.35 ± 7.48
MPV-L 20.47 ± 1.15
sig-L 9.099 ± 0.715
ADC-ped

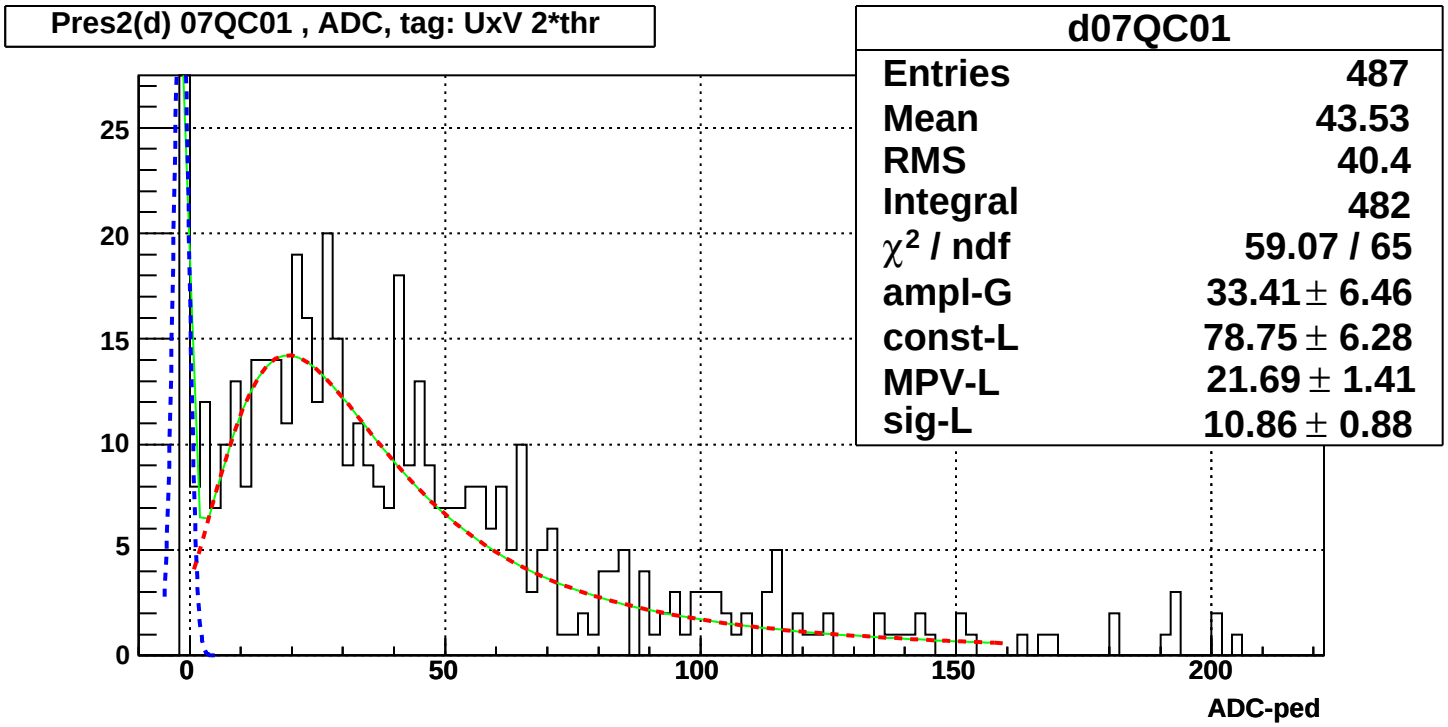

Pres2(a) 07QA01 , inclusive ADC
a07QA01
Entries 678997
Mean 17.23
RMS 38.65
Integral 6.582e+05
χ² / ndf 338.7 / 2
Constant 2.346e+05 ± 434
Mean 0.267 ± 0.001
Sigma 0.7864 ± 0.0009
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

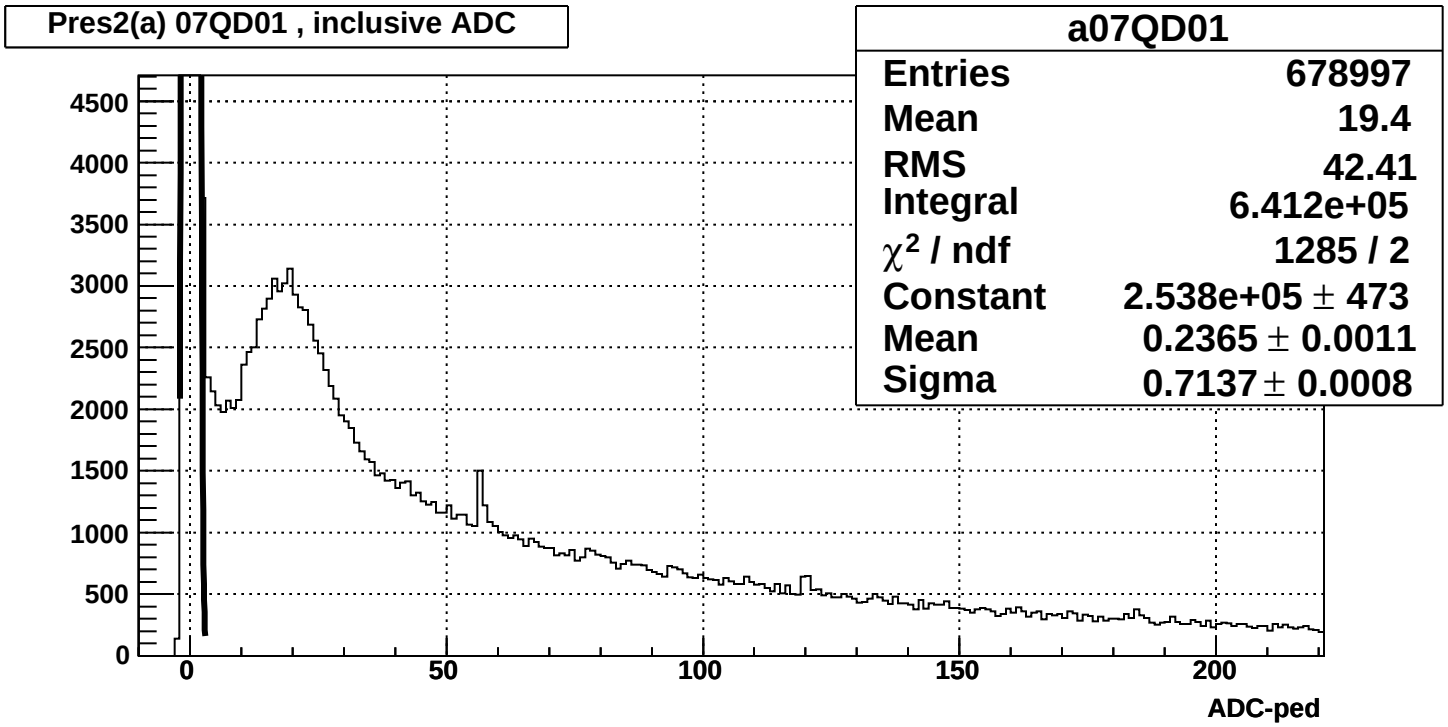

Pres2(d) 07QA01 , ADC, tag: UxV 2*thr
d07QA01
Entries 412
Mean 49.17
RMS 42.61
Integral 398
χ² / ndf 68.44 / 66
ampl-G 22.16 ± 3.84
const-L 56.06 ± 5.48
MPV-L 28.52 ± 1.52
sig-L 11.48 ± 1.12
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

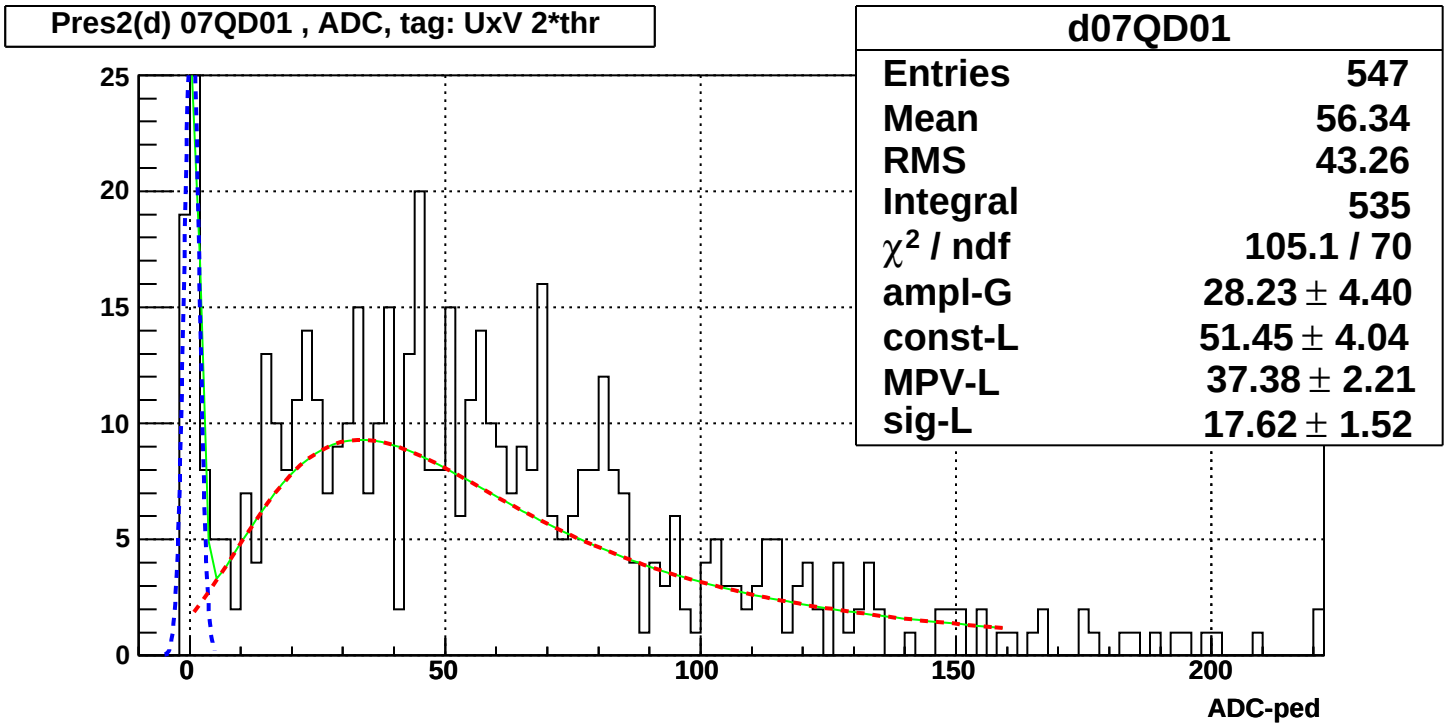

Pres2(a) 07QB01 , inclusive ADC
a07QB01
Entries 678997
Mean 18.28
RMS 39.66
Integral 6.551e+05
χ² / ndf 1681 / 2
Constant 2.521e+05 ± 474
Mean 0.2809 ± 0.0011
Sigma 0.7085 ± 0.0008
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

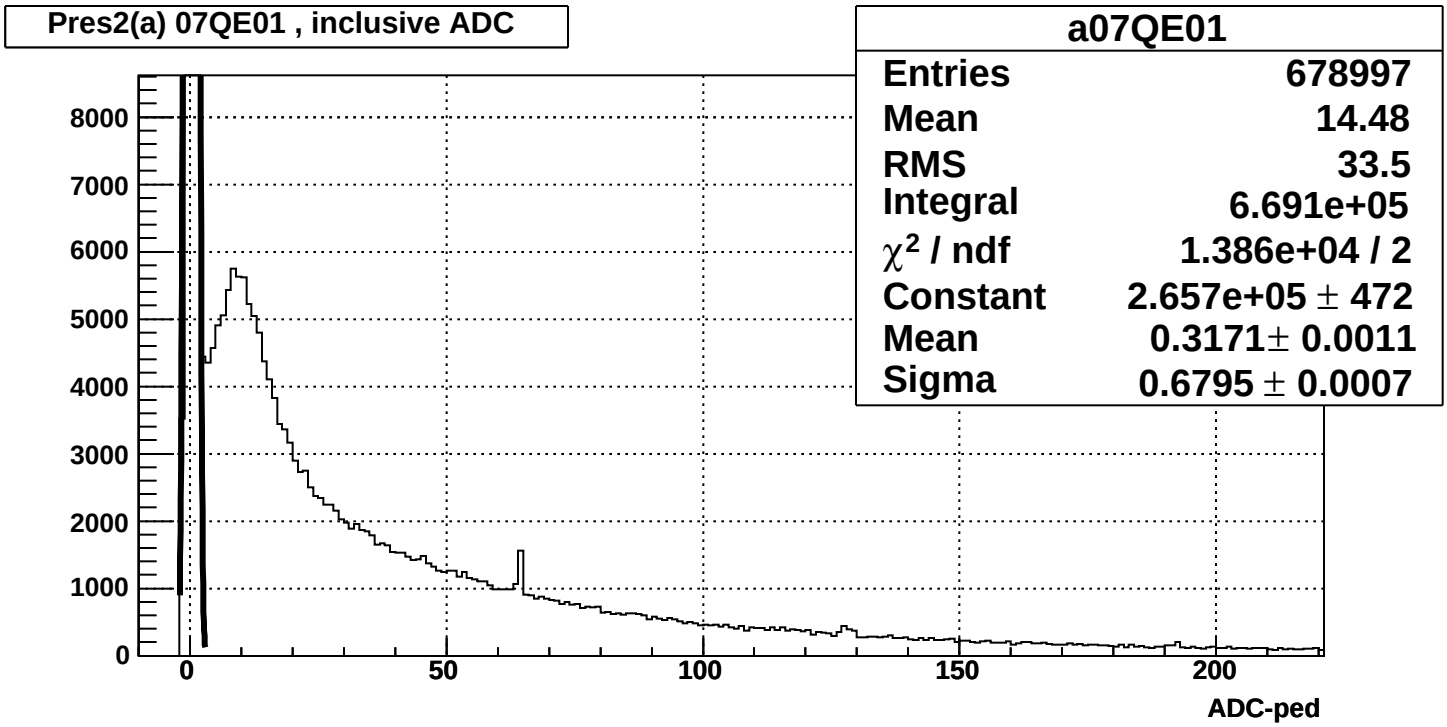

Pres2(d) 07QB01 , ADC, tag: UxV 2*thr
d07QB01
Entries 467
Mean 47.61
RMS 41.78
Integral 453
χ² / ndf 37.85 / 67
ampl-G 21.58 ± 4.39
const-L 62.25 ± 5.24
MPV-L 27.11± 1.90
sig-L 14.22 ± 1.37
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

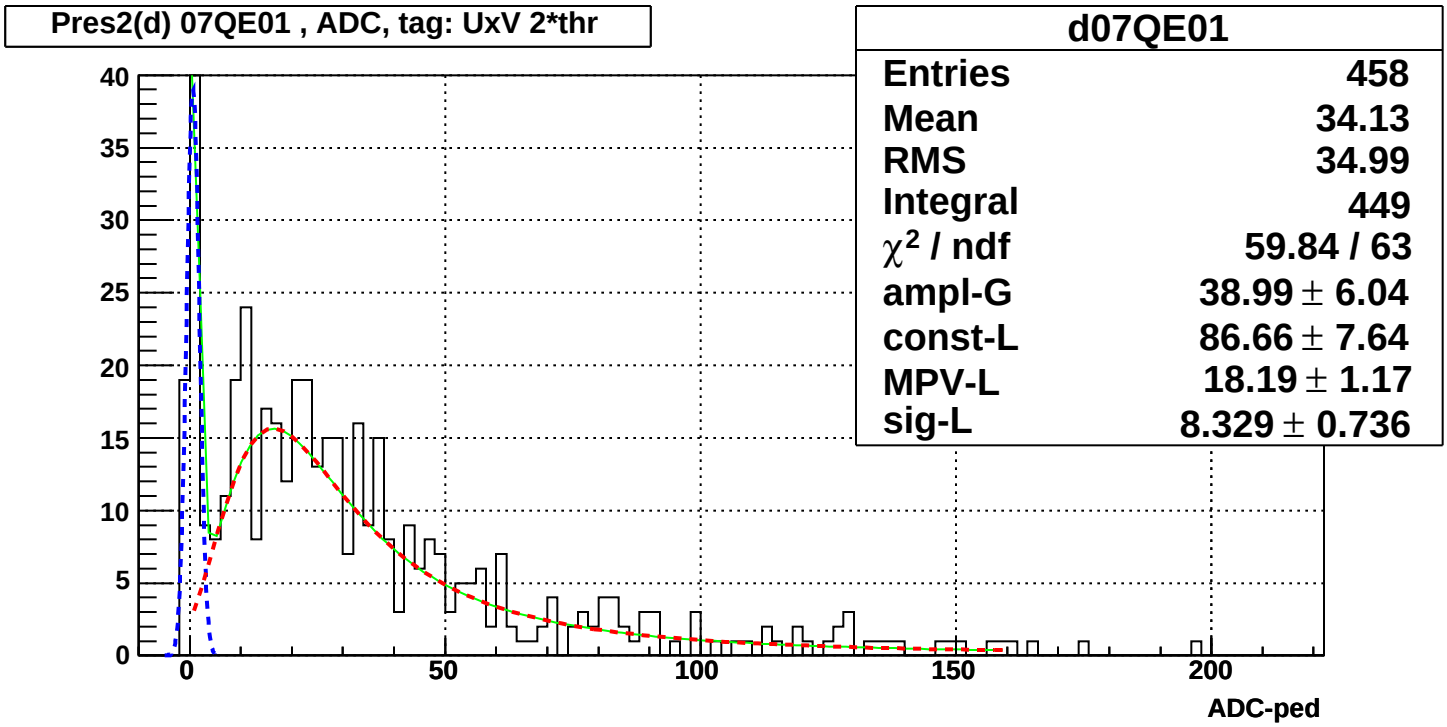

Pres2(a) 07QC01 , inclusive ADC
a07QC01
Entries 678997
Mean 17.1
RMS 39.05
Integral 6.584e+05
χ² / ndf 3774 / 2
Constant 2.532e+05 ± 488
Mean -0.3824 ± 0.0011
Sigma 0.713 ± 0.001
7000
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

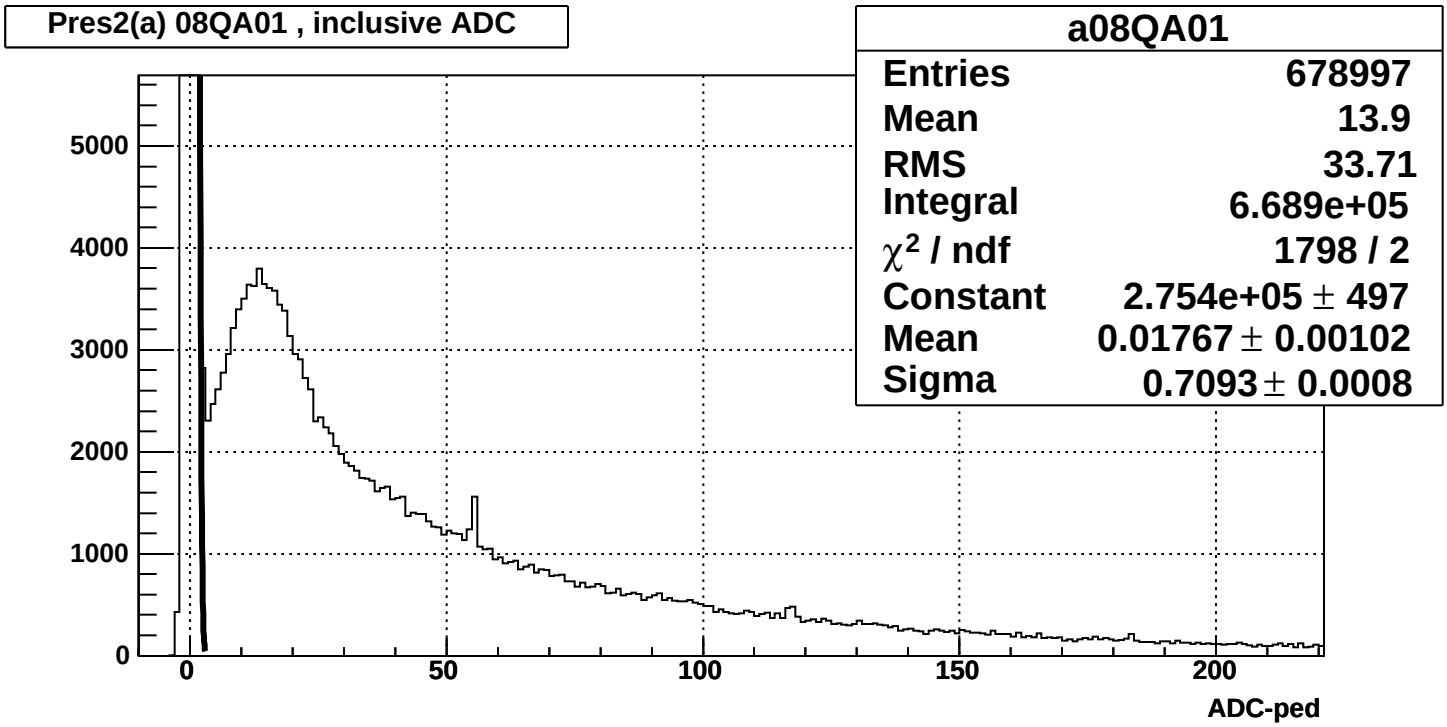

Pres2(d) 07QC01 , ADC, tag: UxV 2*thr
d07QC01
Entries 487
Mean 43.53
RMS 40.4
Integral 482
χ² / ndf 59.07 / 65
ampl-G 33.41 ± 6.46
const-L 78.75 ± 6.28
MPV-L 21.69 ± 1.41
sig-L 10.86 ± 0.88
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

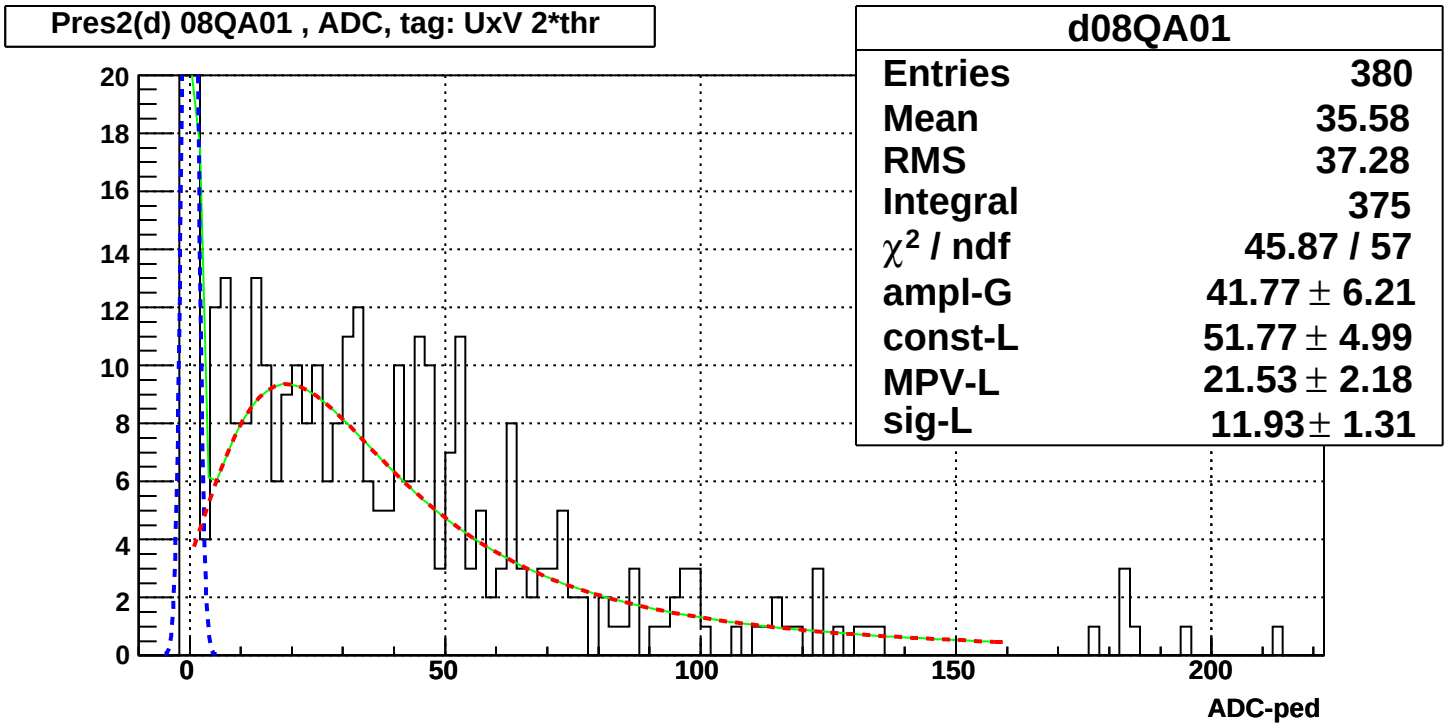

Pres2(a) 07QD01 , inclusive ADC
a07QD01
Entries 678997
Mean 19.4
RMS 42.41
Integral 6.412e+05
χ² / ndf 1285 / 2
Constant 2.538e+05 ± 473
Mean 0.2365 ± 0.0011
Sigma 0.7137 ± 0.0008
ADC-ped

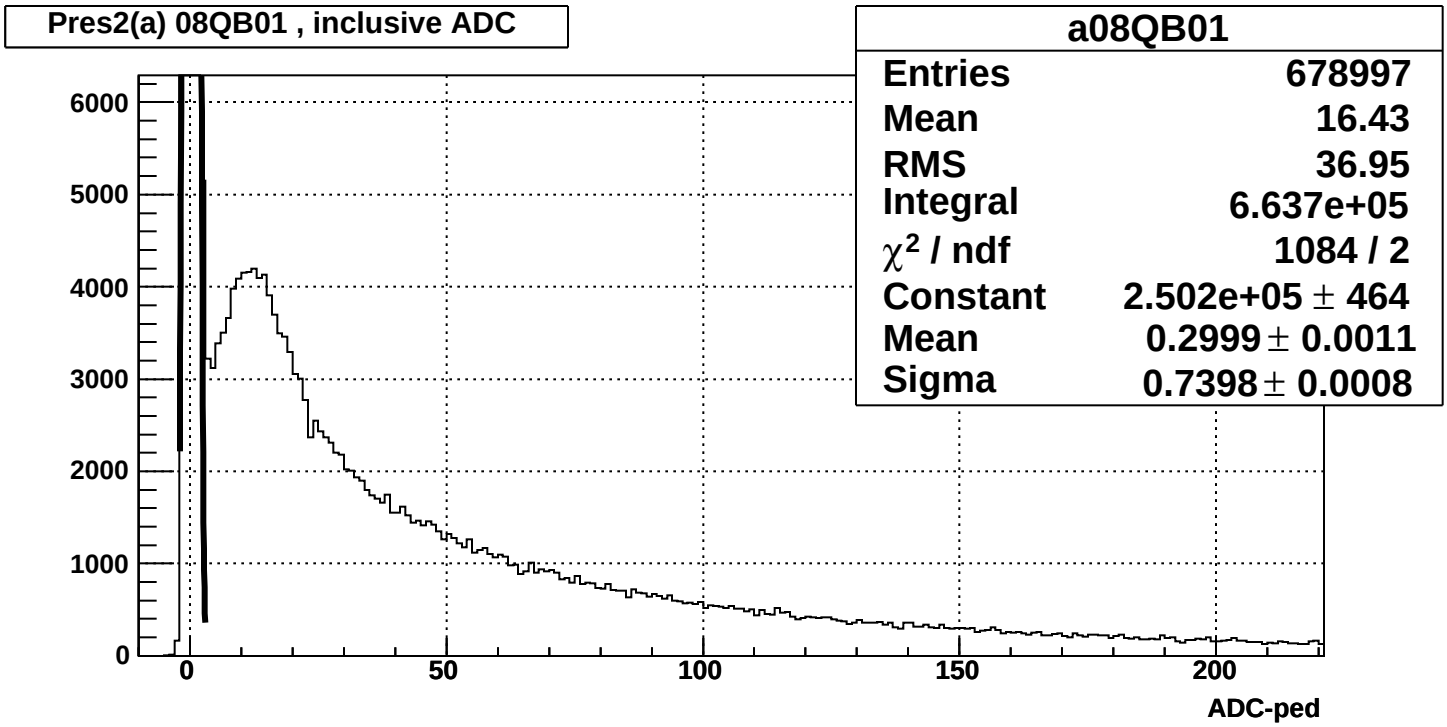

Pres2(d) 07QD01 , ADC, tag: UxV 2*thr
d07QD01
Entries 547
Mean 56.34
RMS 43.26
Integral 535
χ² / ndf 105.1 / 70
ampl-G 28.23 ± 4.40
const-L 51.45 ± 4.04
MPV-L 37.38 ± 2.21
sig-L 17.62 ± 1.52
ADC-ped

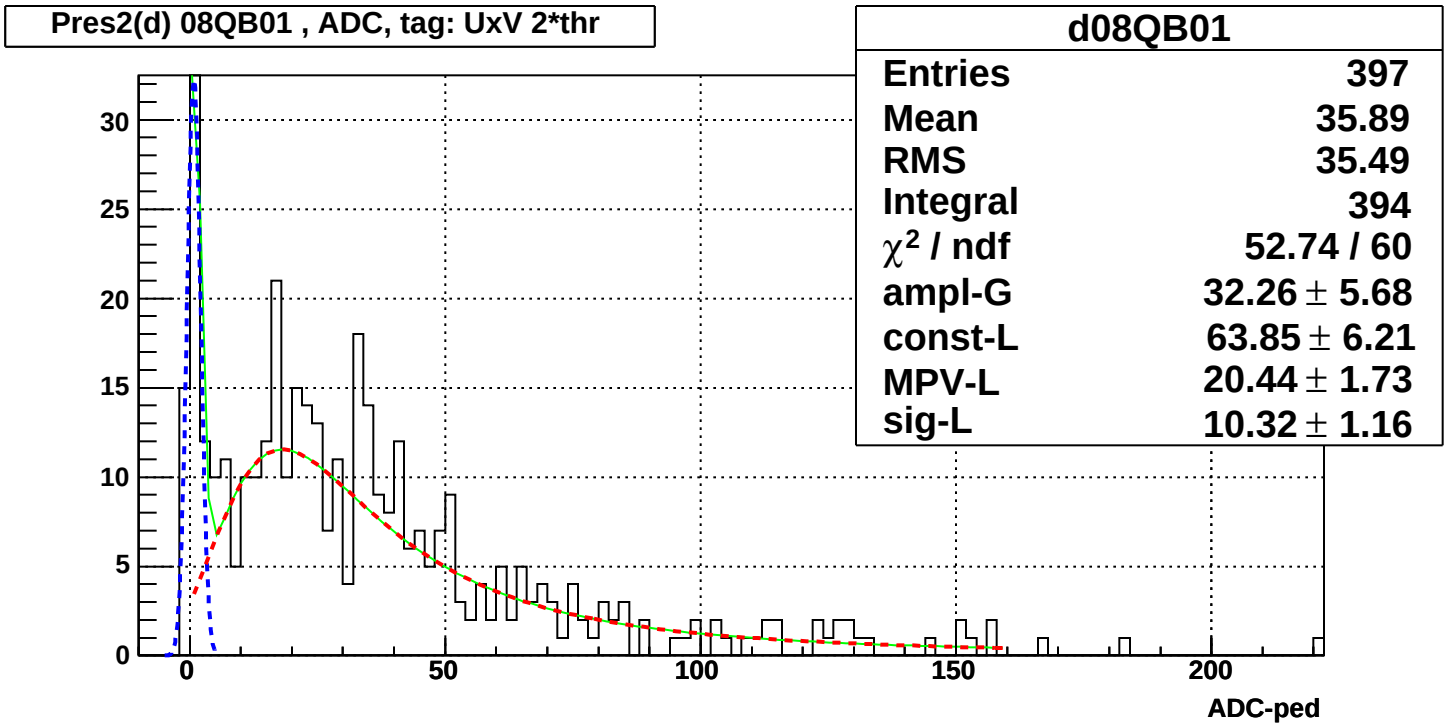

Pres2(a) 07QE01 , inclusive ADC
a07QE01
Entries 678997
Mean 14.48
RMS 33.5
Integral 6.691e+05
χ² / ndf 1.386e+04 / 2
Constant 2.657e+05 ± 472
Mean 0.3171± 0.0011
Sigma 0.6795 ± 0.0007
ADC-ped

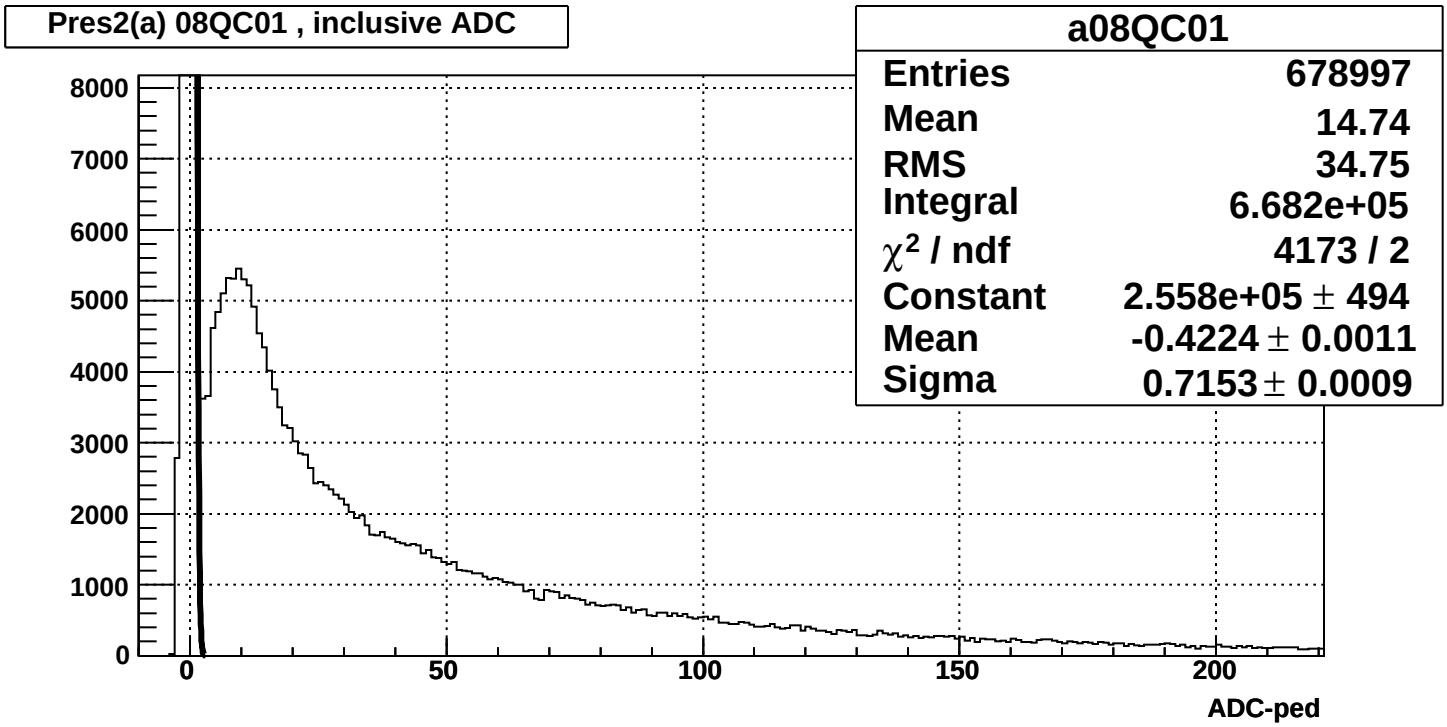

Pres2(d) 07QE01 , ADC, tag: UxV 2*thr
d07QE01
Entries 458
Mean 34.13
RMS 34.99
Integral 449
χ² / ndf 59.84 / 63
ampl-G 38.99 ± 6.04
const-L 86.66 ± 7.64
MPV-L 18.19 ± 1.17
sig-L 8.329 ± 0.736
ADC-ped

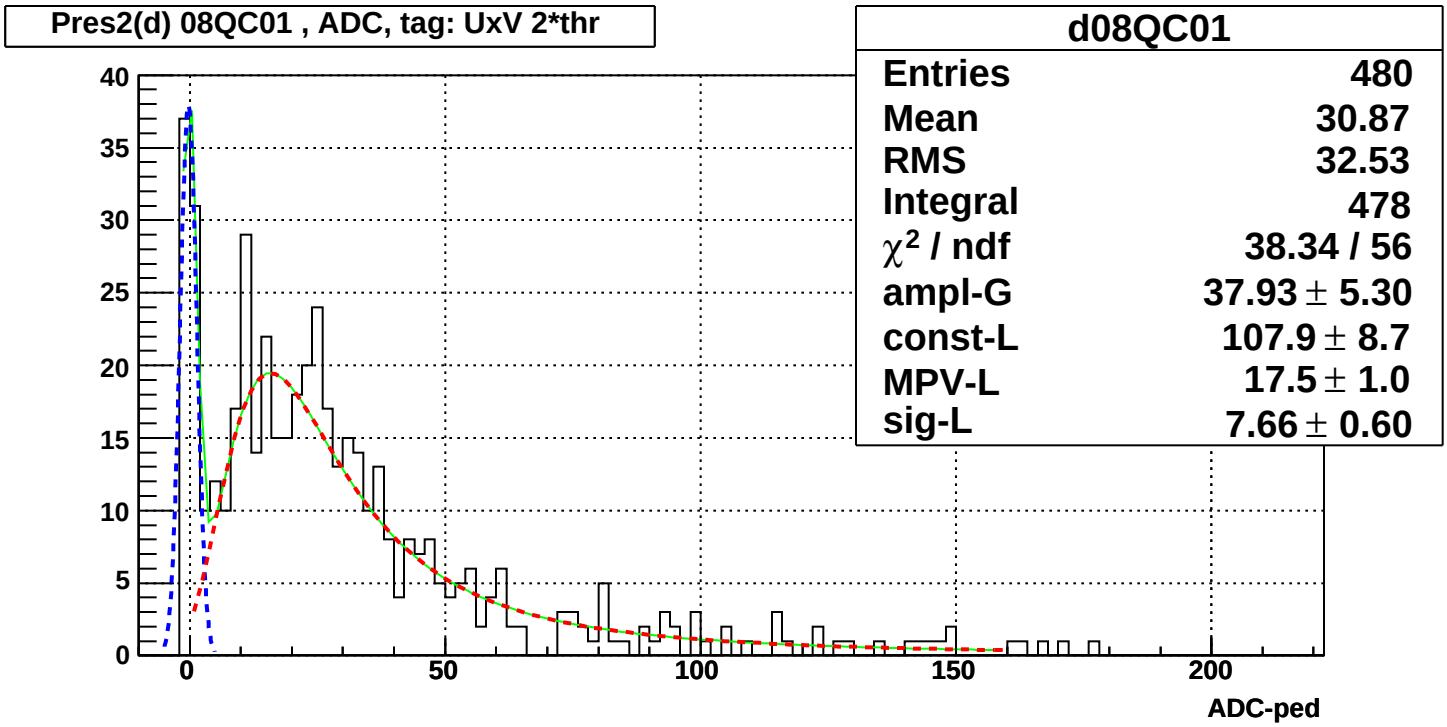

Pres2(a) 08QA01 , inclusive ADC
a08QA01
Entries 678997
Mean 13.9
RMS 33.71
Integral 6.689e+05
χ² / ndf 1798 / 2
Constant 2.754e+05 ± 497
Mean 0.01767 ± 0.00102
Sigma 0.7093 ± 0.0008
ADC-ped

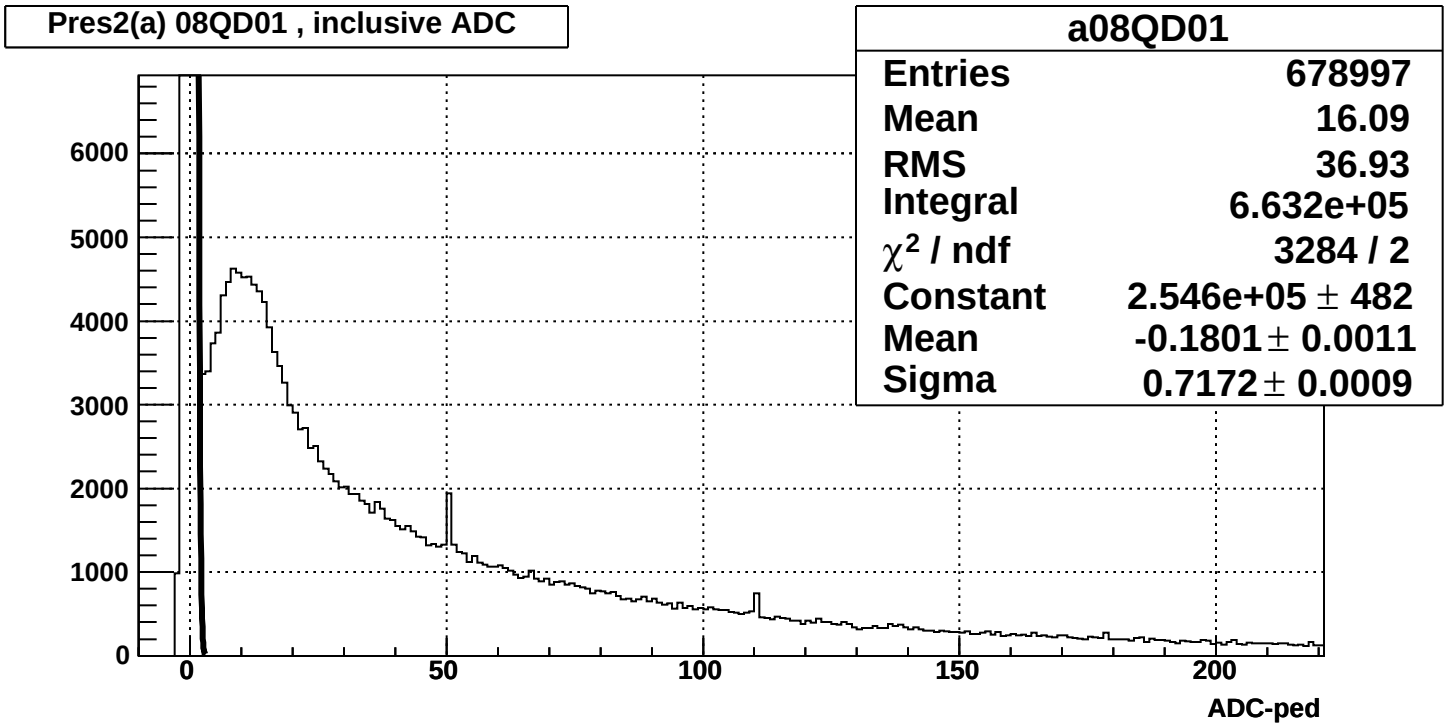

Pres2(d) 08QA01 , ADC, tag: UxV 2*thr
d08QA01
Entries 380
Mean 35.58
RMS 37.28
Integral 375
χ² / ndf 45.87 / 57
ampl-G 41.77 ± 6.21
const-L 51.77 ± 4.99
MPV-L 21.53 ± 2.18
sig-L 11.93 ± 1.31
ADC-ped

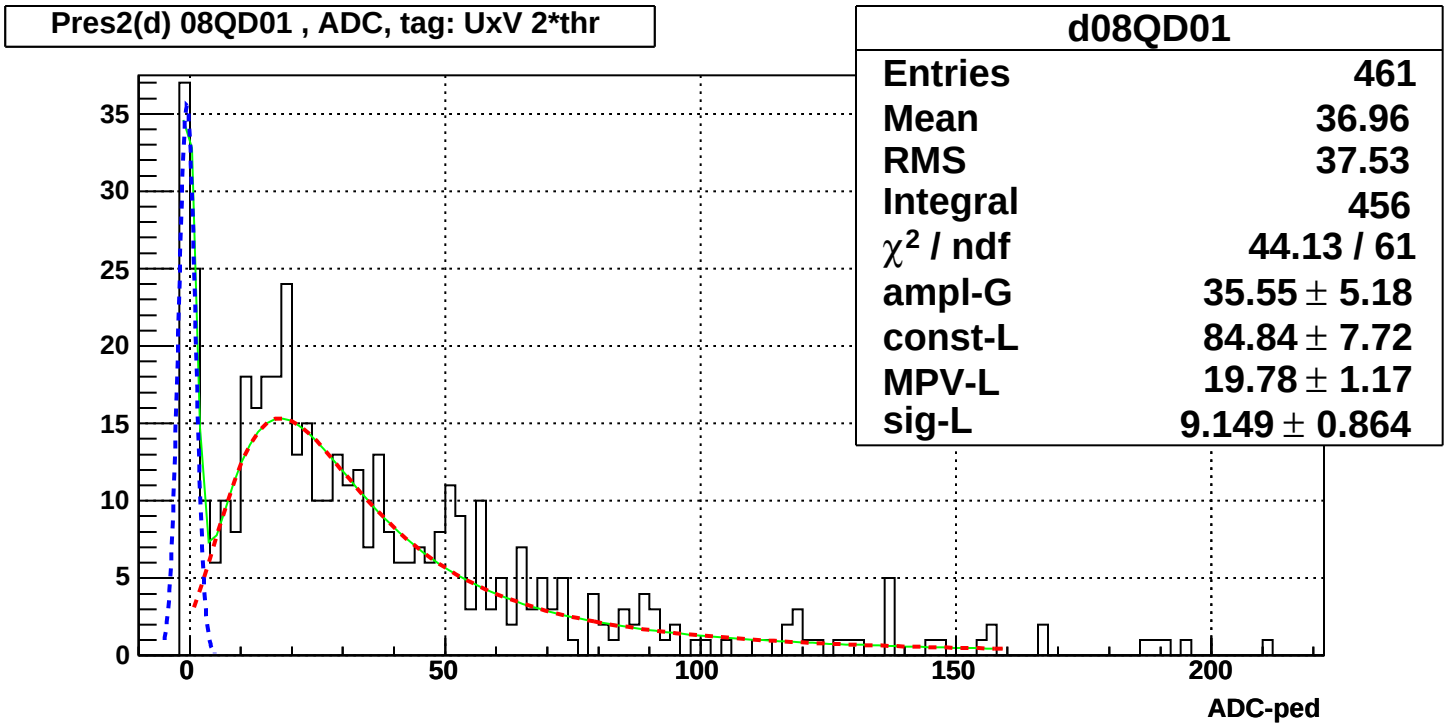

Pres2(a) 08QB01 , inclusive ADC
a08QB01
Entries 678997
Mean 16.43
RMS 36.95
Integral 6.637e+05
χ² / ndf 1084 / 2
Constant 2.502e+05 ± 464
Mean 0.2999 ± 0.0011
Sigma 0.7398 ± 0.0008
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

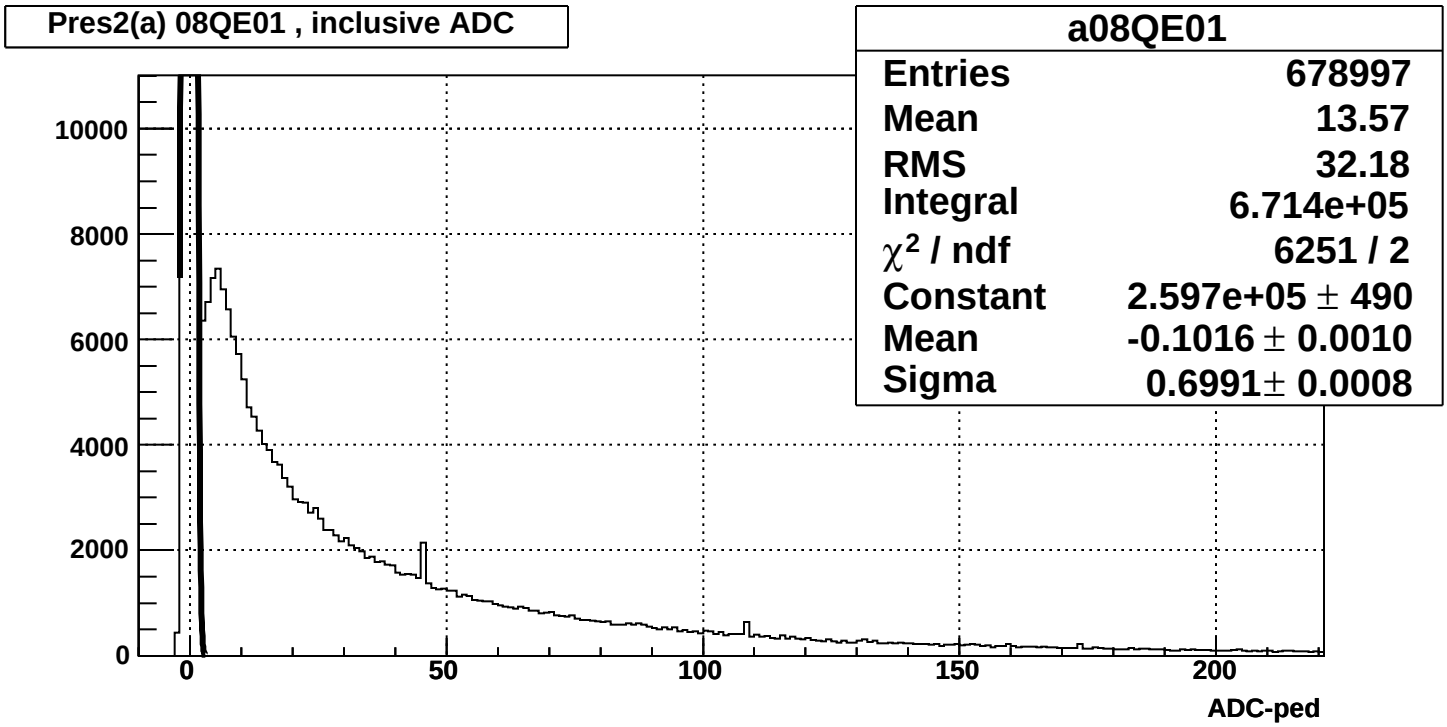

Pres2(d) 08QB01 , ADC, tag: UxV 2*thr
d08QB01
Entries 397
Mean 35.89
RMS 35.49
Integral 394
χ² / ndf 52.74 / 60
ampl-G 32.26 ± 5.68
const-L 63.85 ± 6.21
MPV-L 20.44 ± 1.73
sig-L 10.32 ± 1.16
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

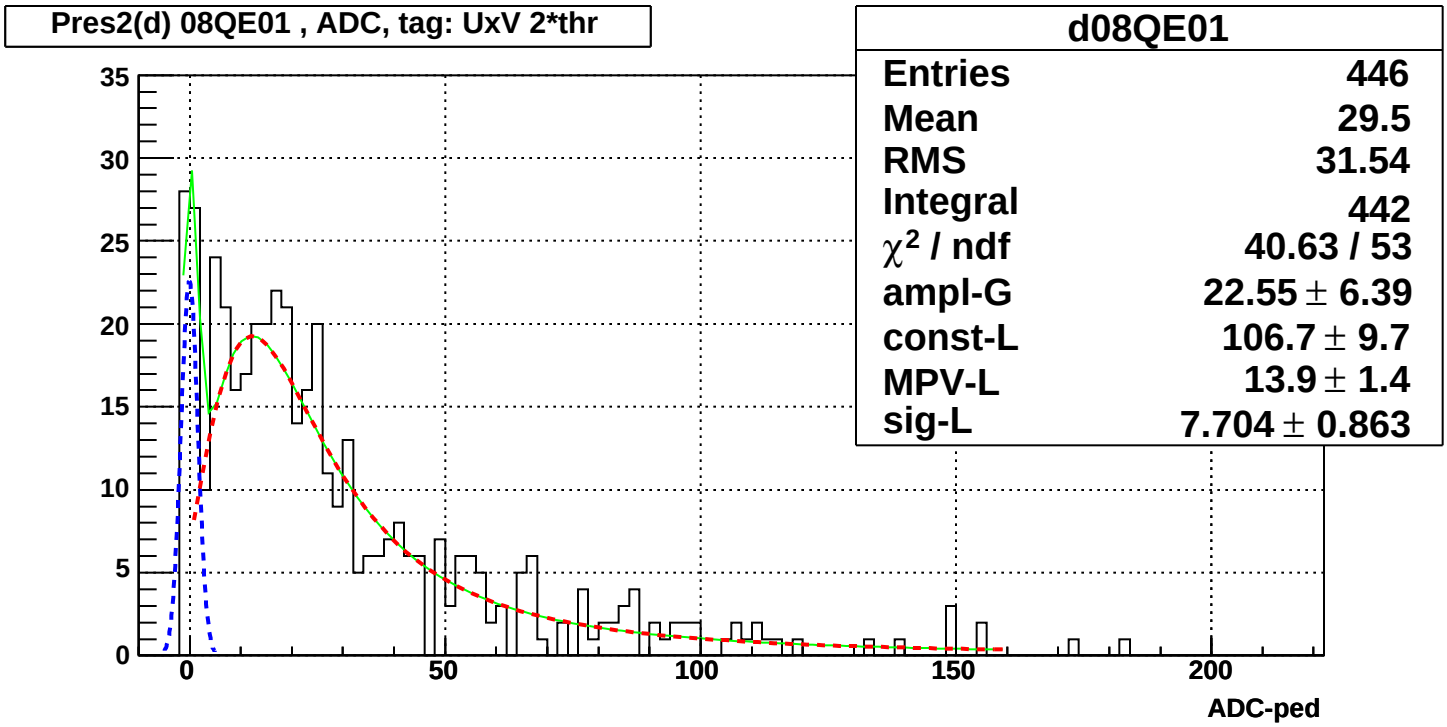

Pres2(a) 08QC01 , inclusive ADC
a08QC01
Entries 678997
Mean 14.74
RMS 34.75
Integral 6.682e+05
χ² / ndf 4173 / 2
Constant 2.558e+05 ± 494
Mean -0.4224 ± 0.0011
Sigma 0.7153 ± 0.0009
8000
7000
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

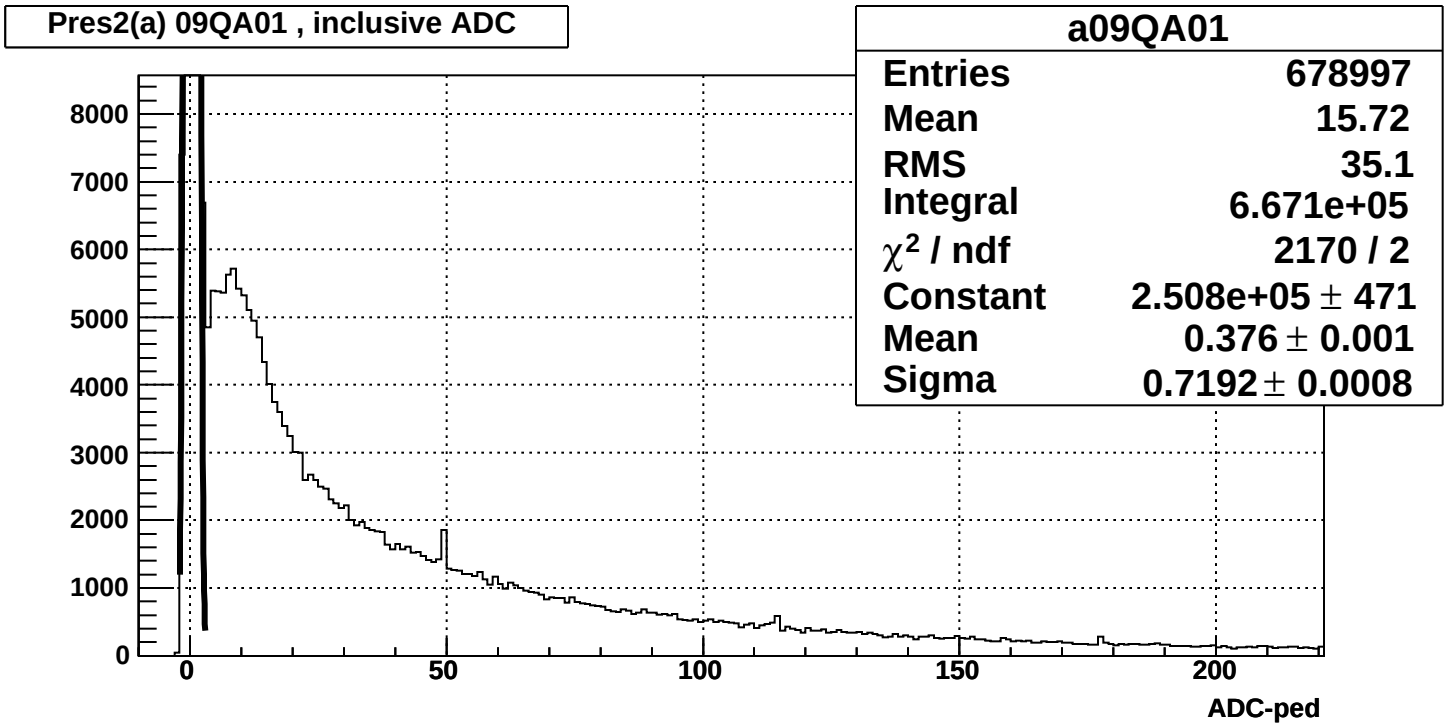

Pres2(d) 08QC01 , ADC, tag: UxV 2*thr
d08QC01
Entries 480
Mean 30.87
RMS 32.53
Integral 478
χ² / ndf 38.34 / 56
ampl-G 37.93 ± 5.30
const-L 107.9 ± 8.7
MPV-L 17.5 ± 1.0
sig-L 7.66 ± 0.60
40
35
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

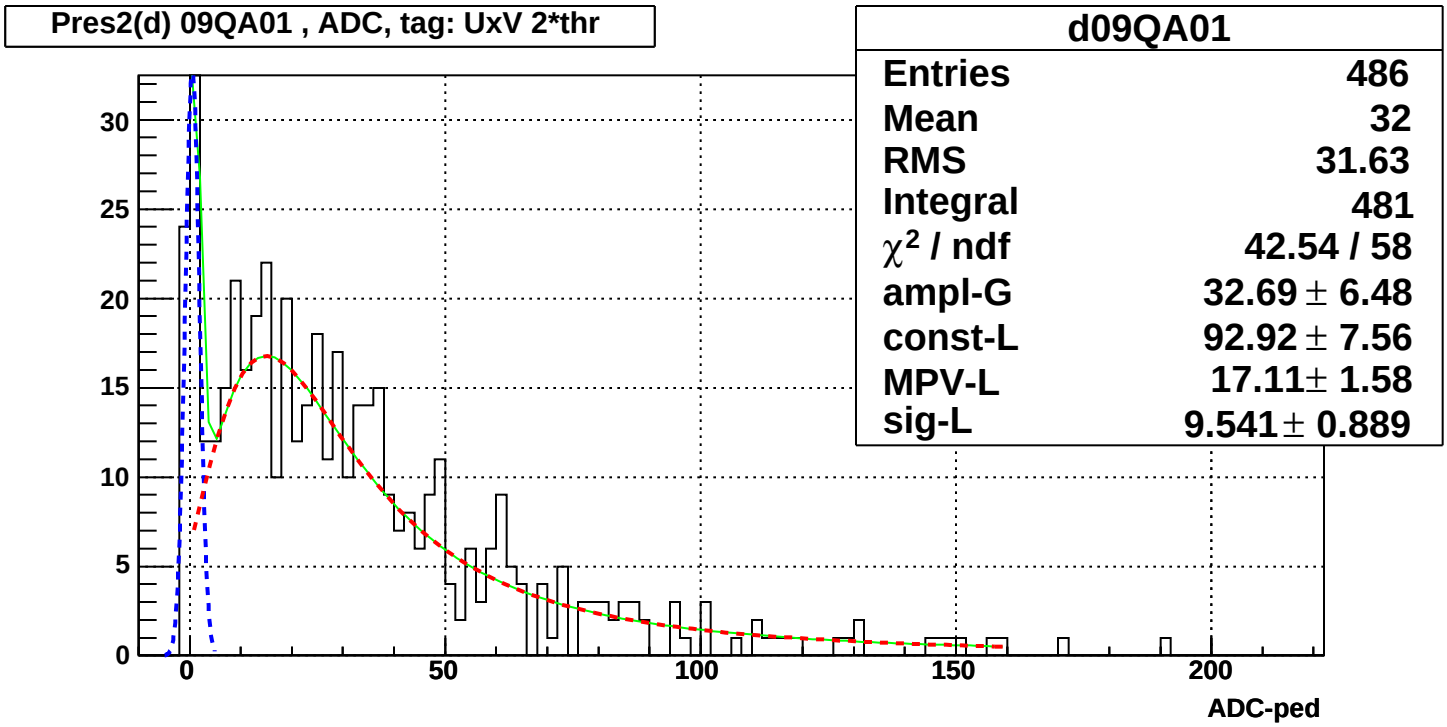

Pres2(a) 08QD01 , inclusive ADC
a08QD01
Entries 678997
Mean 16.09
RMS 36.93
Integral 6.632e+05
χ² / ndf 3284 / 2
Constant 2.546e+05 ± 482
Mean -0.1801 ± 0.0011
Sigma 0.7172 ± 0.0009
0
1000
2000
3000
4000
5000
6000
0
50
100
150
200
ADC-ped

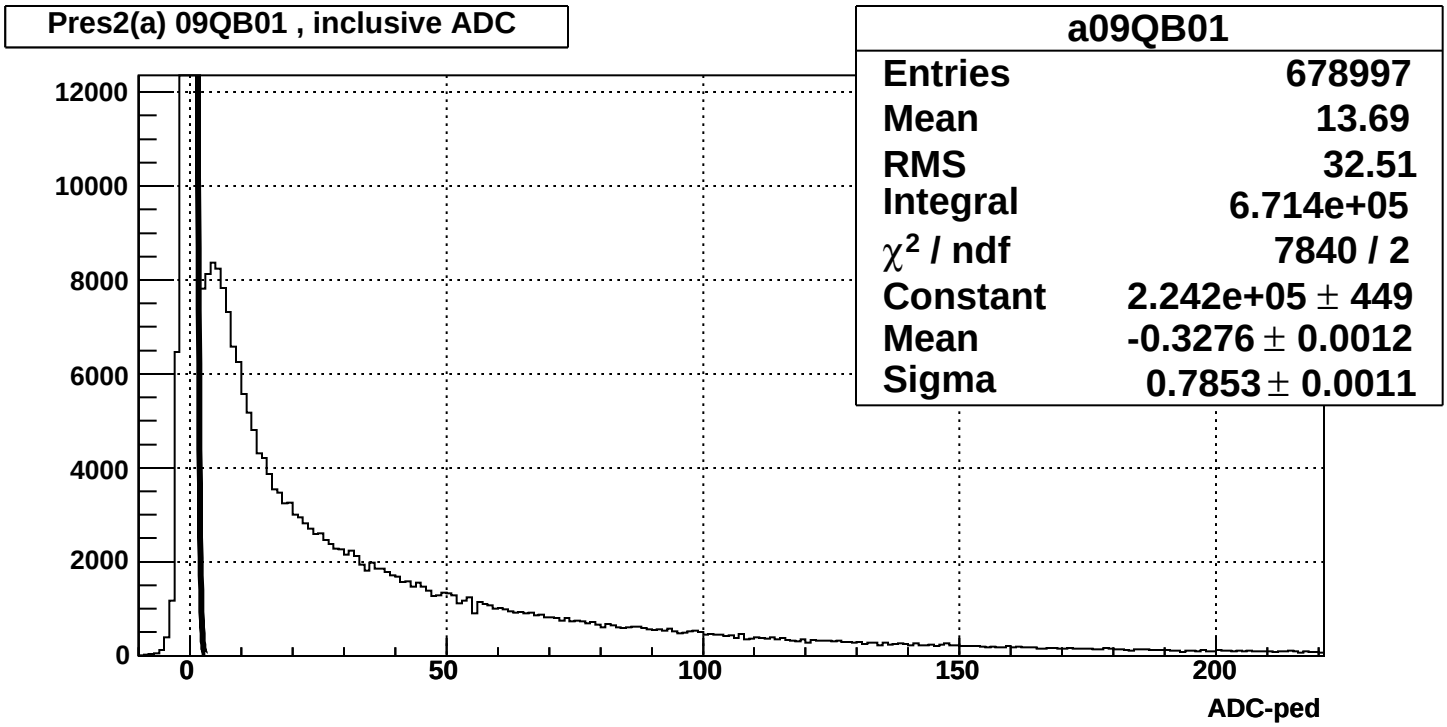

Pres2(d) 08QD01 , ADC, tag: UxV 2*thr
d08QD01
Entries 461
Mean 36.96
RMS 37.53
Integral 456
χ² / ndf 44.13 / 61
ampl-G 35.55 ± 5.18
const-L 84.84 ± 7.72
MPV-L 19.78 ± 1.17
sig-L 9.149 ± 0.864
0
5
10
15
20
25
30
35
0
50
100
150
200
ADC-ped

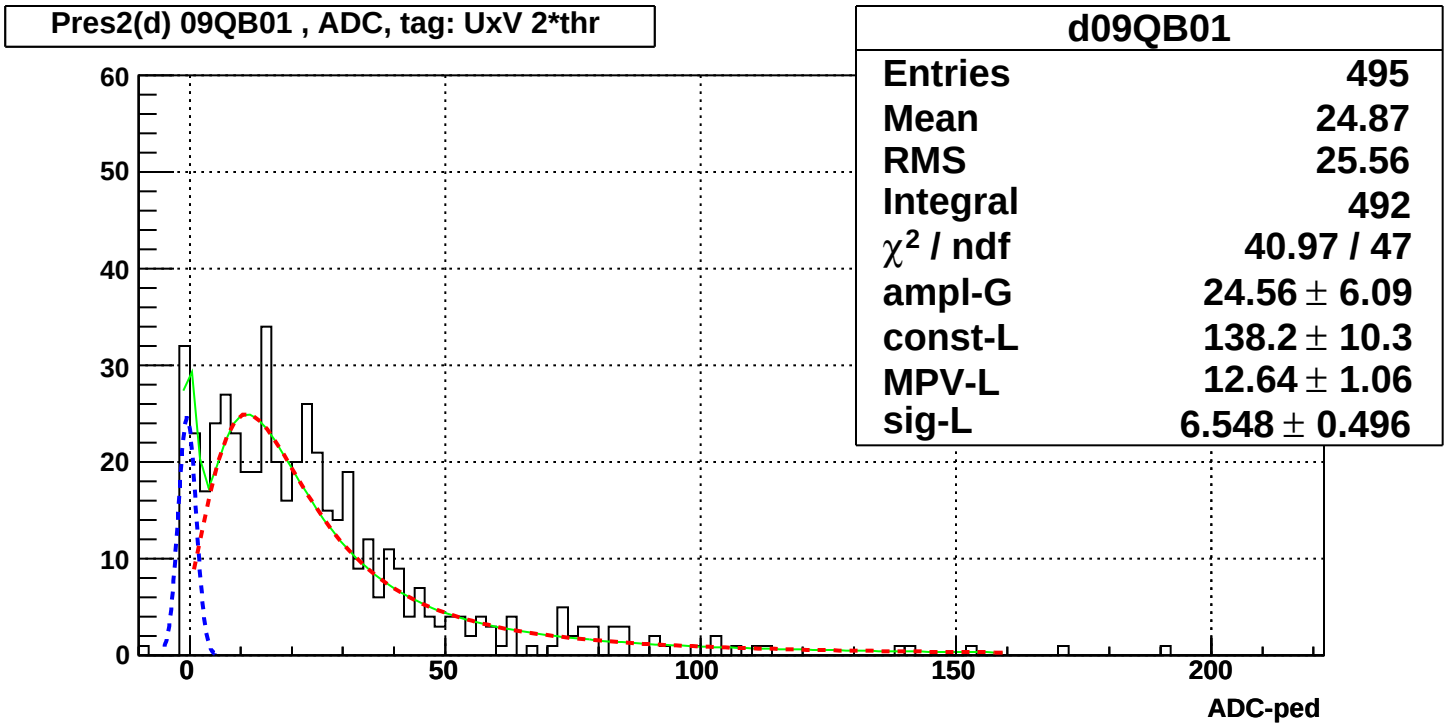

Pres2(a) 08QE01 , inclusive ADC
a08QE01
Entries 678997
Mean 13.57
RMS 32.18
Integral 6.714e+05
χ² / ndf 6251 / 2
Constant 2.597e+05 ± 490
Mean -0.1016 ± 0.0010
Sigma 0.6991 ± 0.0008
10000
8000
6000
4000
2000
0
0
50
100
150
200
ADC-ped

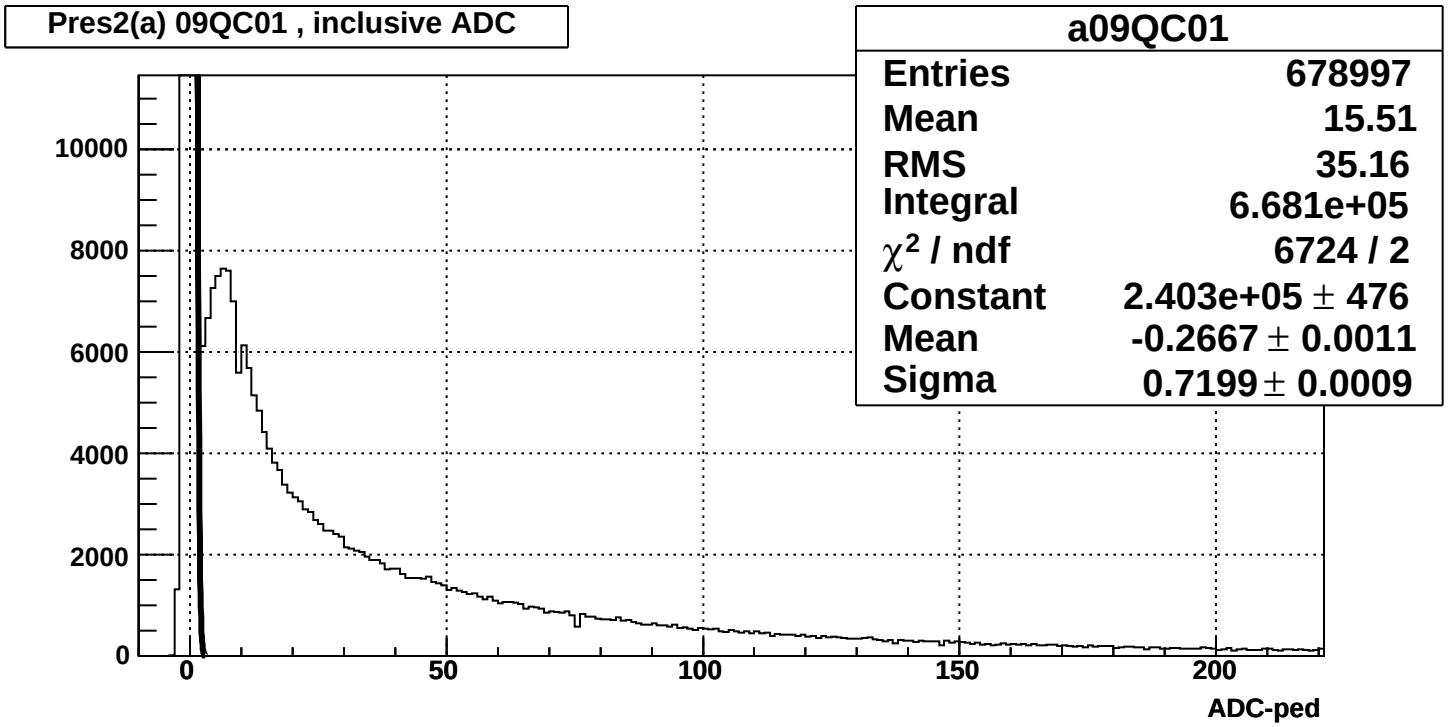

Pres2(d) 08QE01 , ADC, tag: UxV 2*thr
d08QE01
Entries 446
Mean 29.5
RMS 31.54
Integral 442
χ² / ndf 40.63 / 53
ampl-G 22.55 ± 6.39
const-L 106.7 ± 9.7
MPV-L 13.9 ± 1.4
sig-L 7.704 ± 0.863
35
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

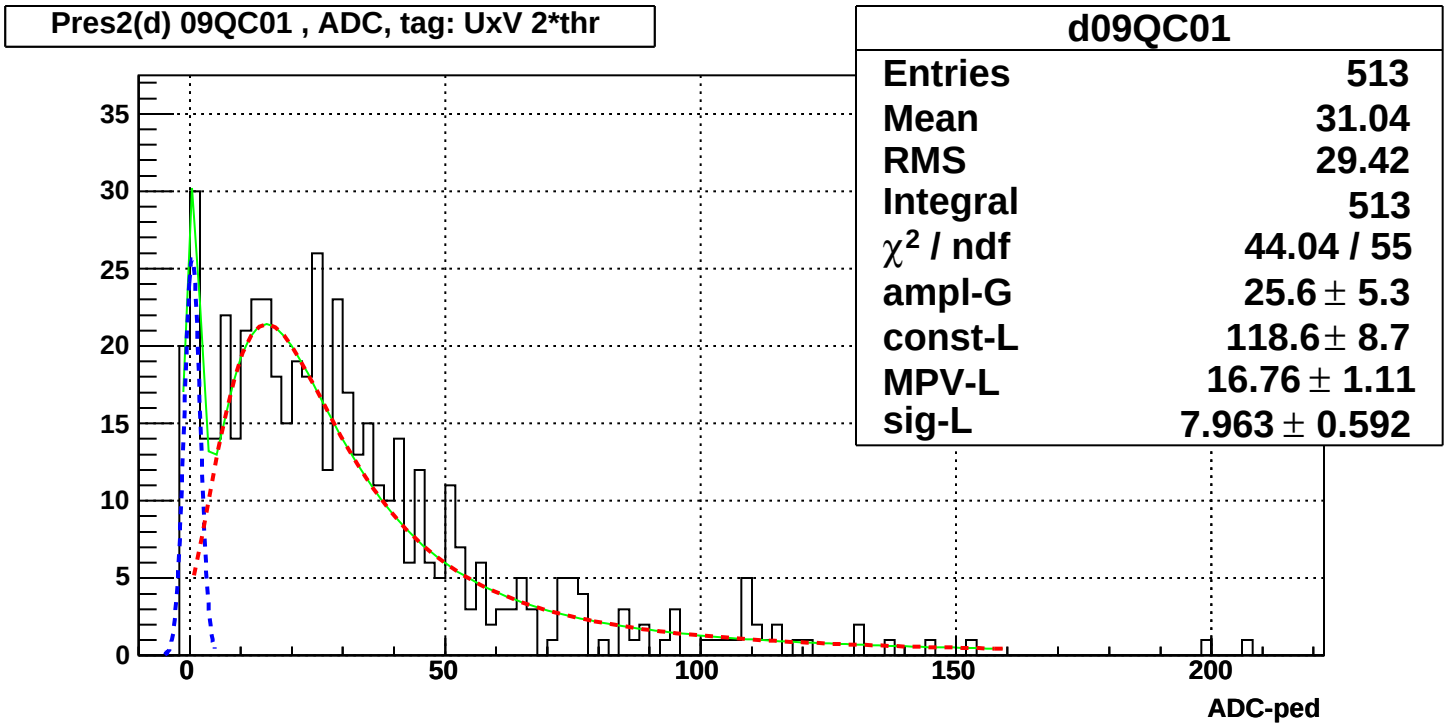

Pres2(a) 09QA01 , inclusive ADC
a09QA01
Entries 678997
Mean 15.72
RMS 35.1
Integral 6.671e+05
χ² / ndf 2170 / 2
Constant 2.508e+05 ± 471
Mean 0.376 ± 0.001
Sigma 0.7192 ± 0.0008
ADC-ped

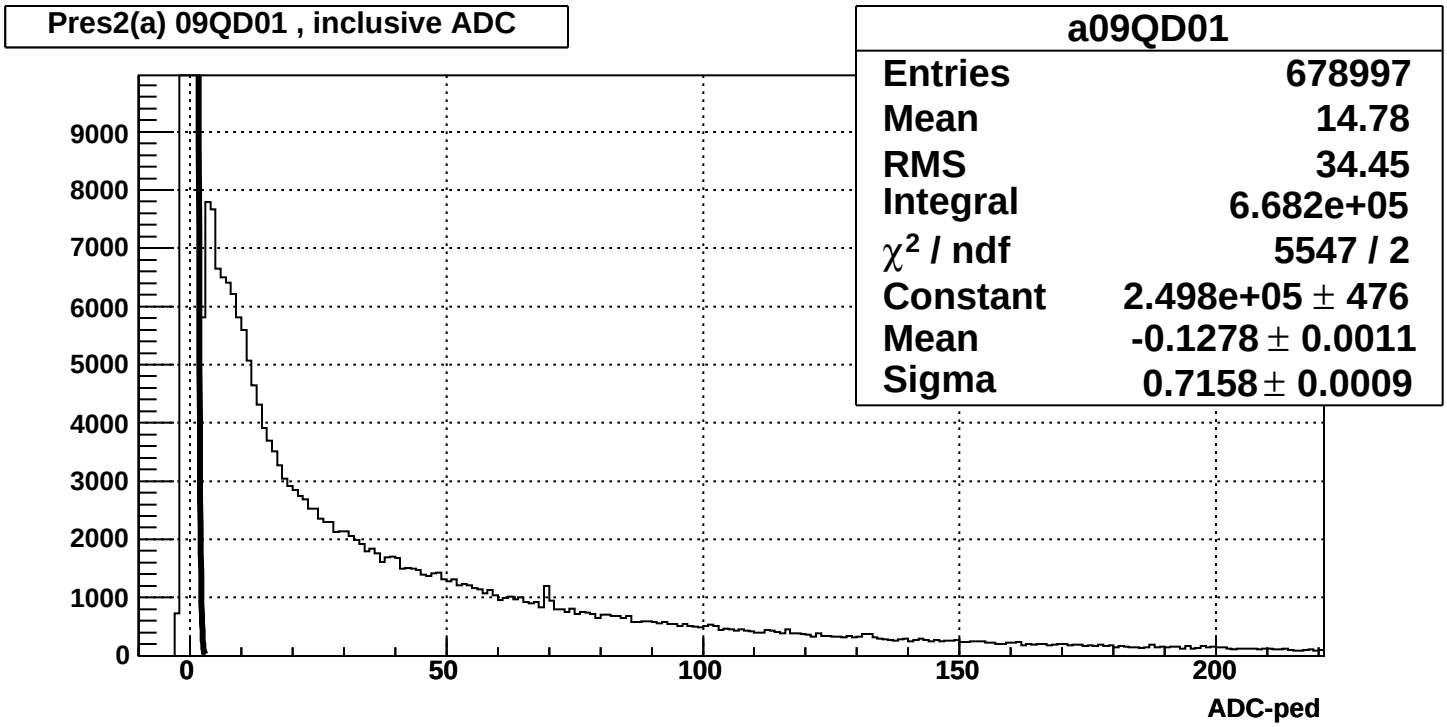

Pres2(d) 09QA01 , ADC, tag: UxV 2*thr
d09QA01
Entries 486
Mean 32
RMS 31.63
Integral 481
χ² / ndf 42.54 / 58
ampl-G 32.69 ± 6.48
const-L 92.92 ± 7.56
MPV-L 17.11 ± 1.58
sig-L 9.541 ± 0.889
ADC-ped

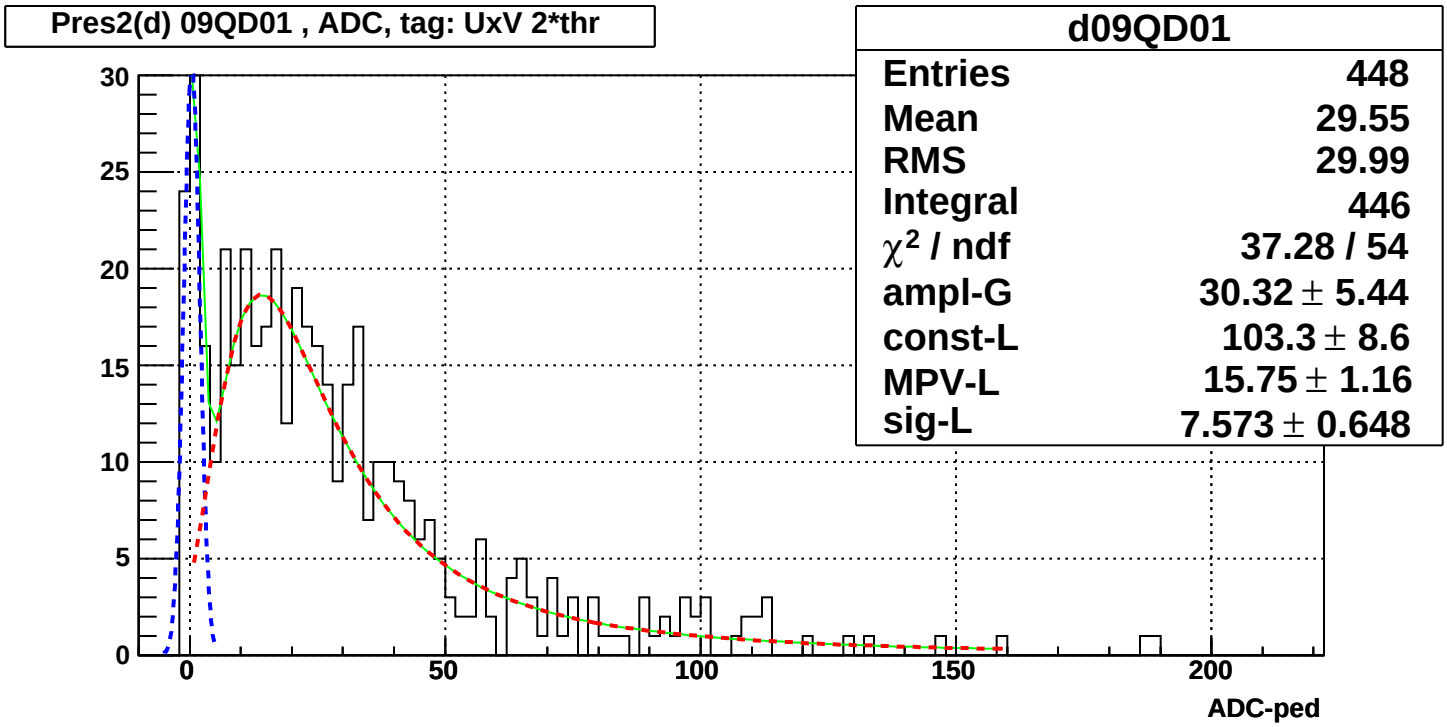

Pres2(a) 09QB01 , inclusive ADC
a09QB01
Entries 678997
Mean 13.69
RMS 32.51
Integral 6.714e+05
χ² / ndf 7840 / 2
Constant 2.242e+05 ± 449
Mean -0.3276 ± 0.0012
Sigma 0.7853 ± 0.0011
12000
10000
8000
6000
4000
2000
0
0
50
100
150
200
ADC-ped

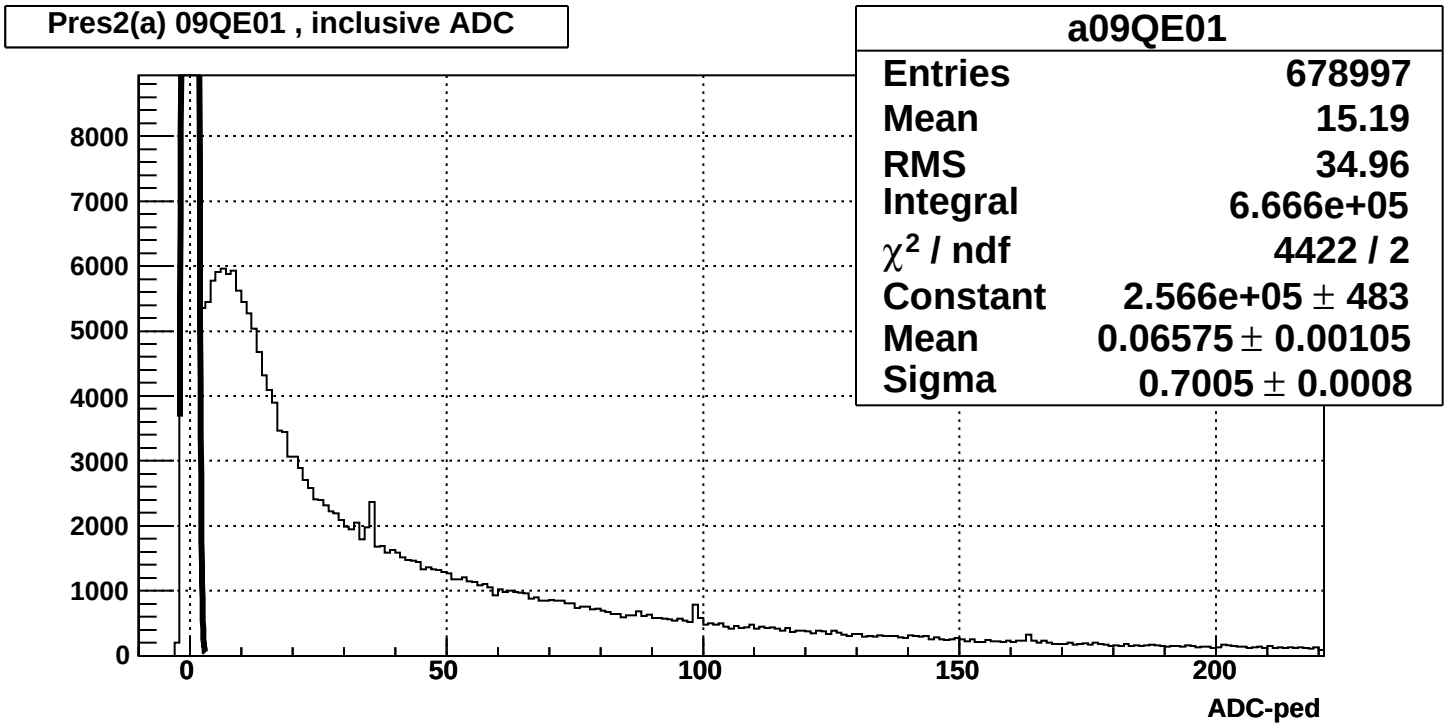

Pres2(d) 09QB01 , ADC, tag: UxV 2*thr
d09QB01
Entries 495
Mean 24.87
RMS 25.56
Integral 492
χ² / ndf 40.97 / 47
ampl-G 24.56 ± 6.09
const-L 138.2 ± 10.3
MPV-L 12.64 ± 1.06
sig-L 6.548 ± 0.496
60
50
40
30
20
10
0
0
50
100
150
200
ADC-ped

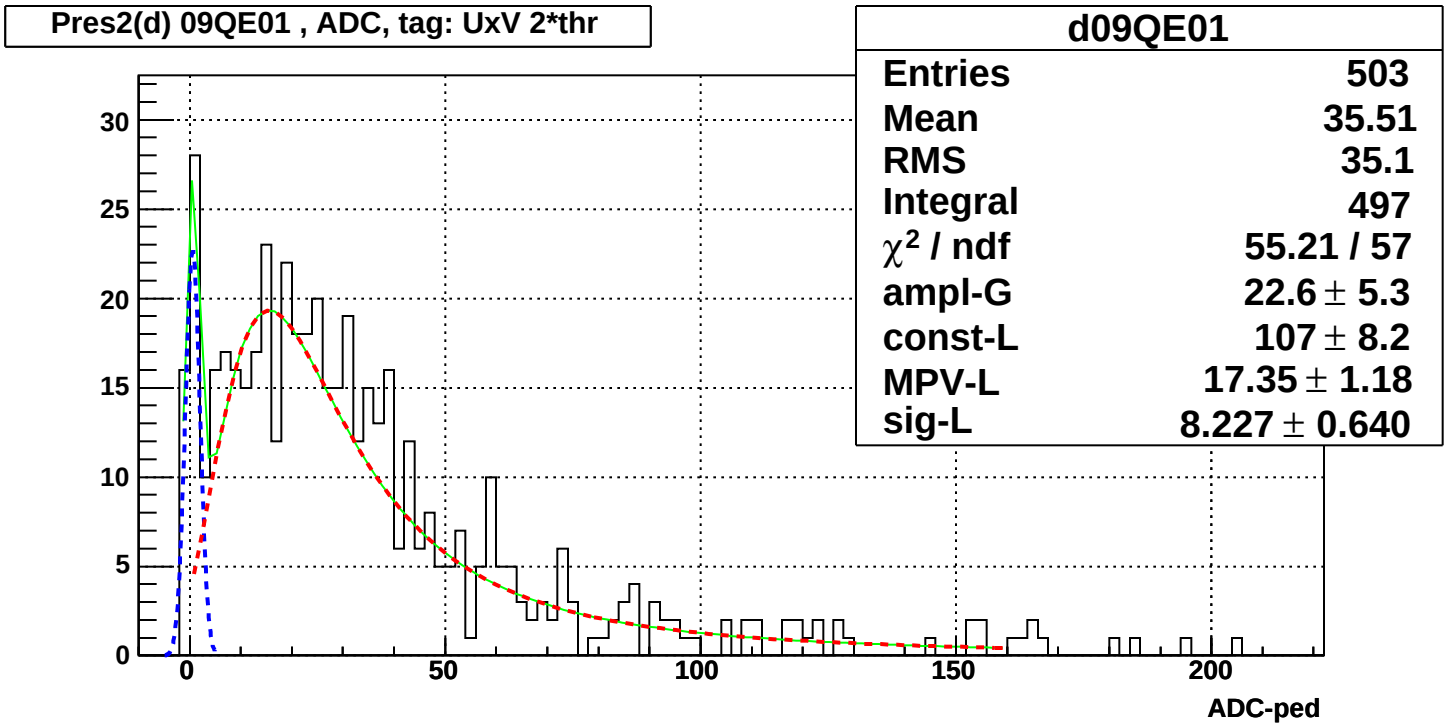

Pres2(a) 09QC01 , inclusive ADC
a09QC01
Entries 678997
Mean 15.51
RMS 35.16
Integral 6.681e+05
χ² / ndf 6724 / 2
Constant 2.403e+05 ± 476
Mean -0.2667 ± 0.0011
Sigma 0.7199 ± 0.0009
10000
8000
6000
4000
2000
0
0
50
100
150
200
ADC-ped

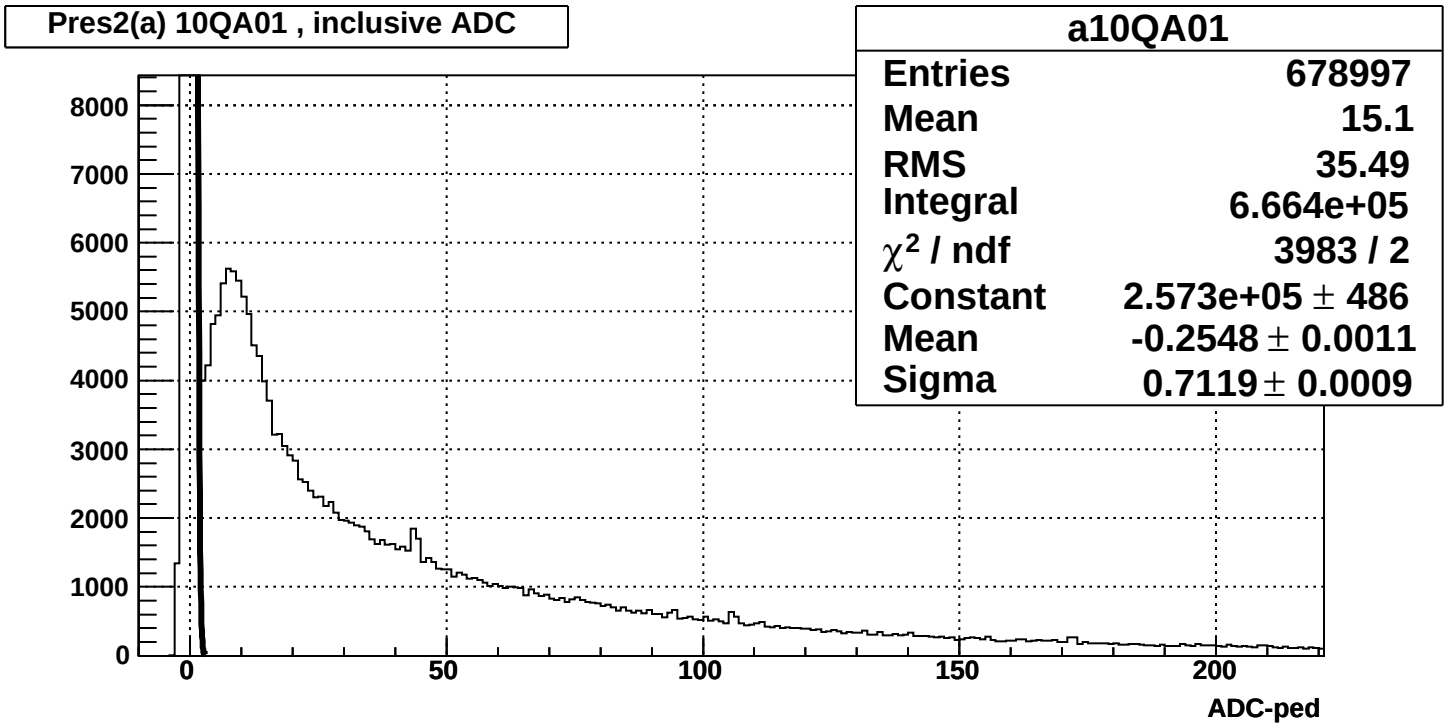

Pres2(d) 09QC01 , ADC, tag: UxV 2*thr
d09QC01
Entries 513
Mean 31.04
RMS 29.42
Integral 513
χ² / ndf 44.04 / 55
ampl-G 25.6 ± 5.3
const-L 118.6 ± 8.7
MPV-L 16.76 ± 1.11
sig-L 7.963 ± 0.592
35
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

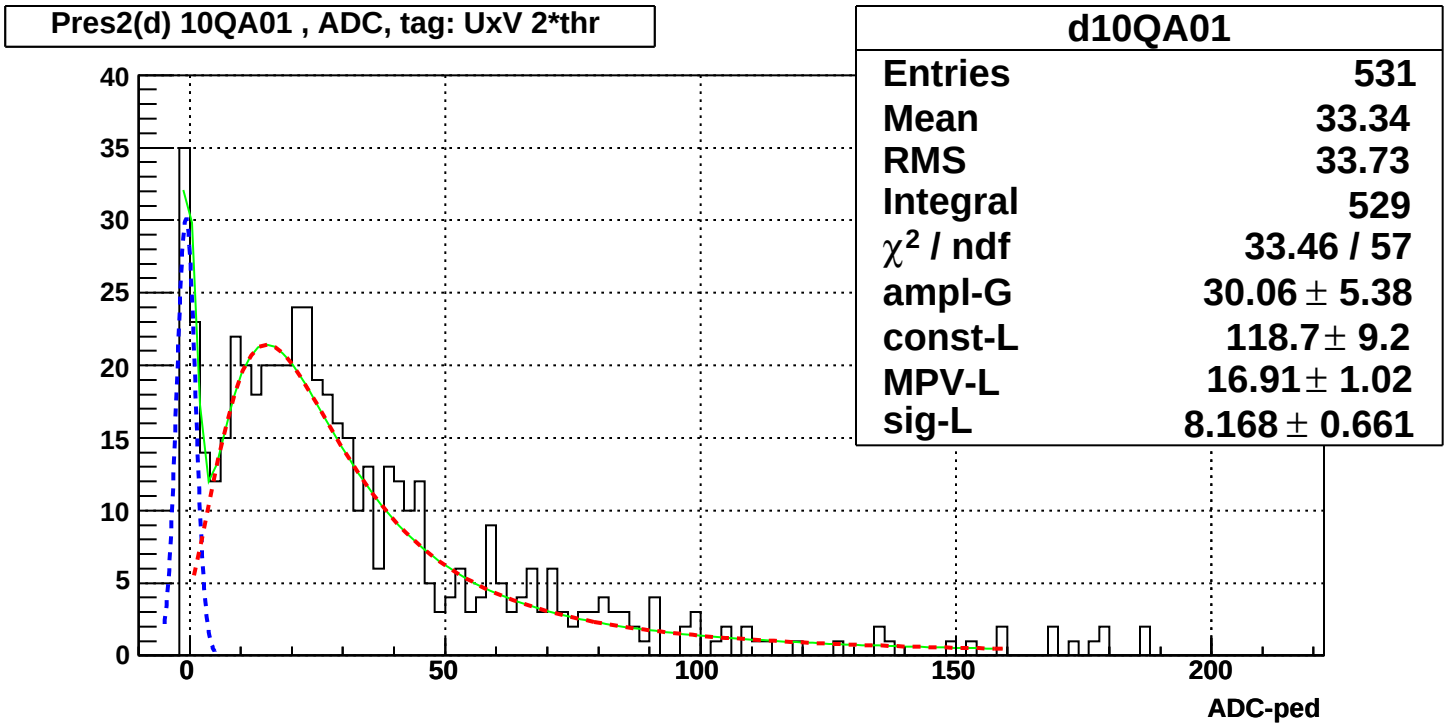

Pres2(a) 09QD01 , inclusive ADC
a09QD01
Entries 678997
Mean 14.78
RMS 34.45
Integral 6.682e+05
χ² / ndf 5547 / 2
Constant 2.498e+05 ± 476
Mean -0.1278 ± 0.0011
Sigma 0.7158 ± 0.0009
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

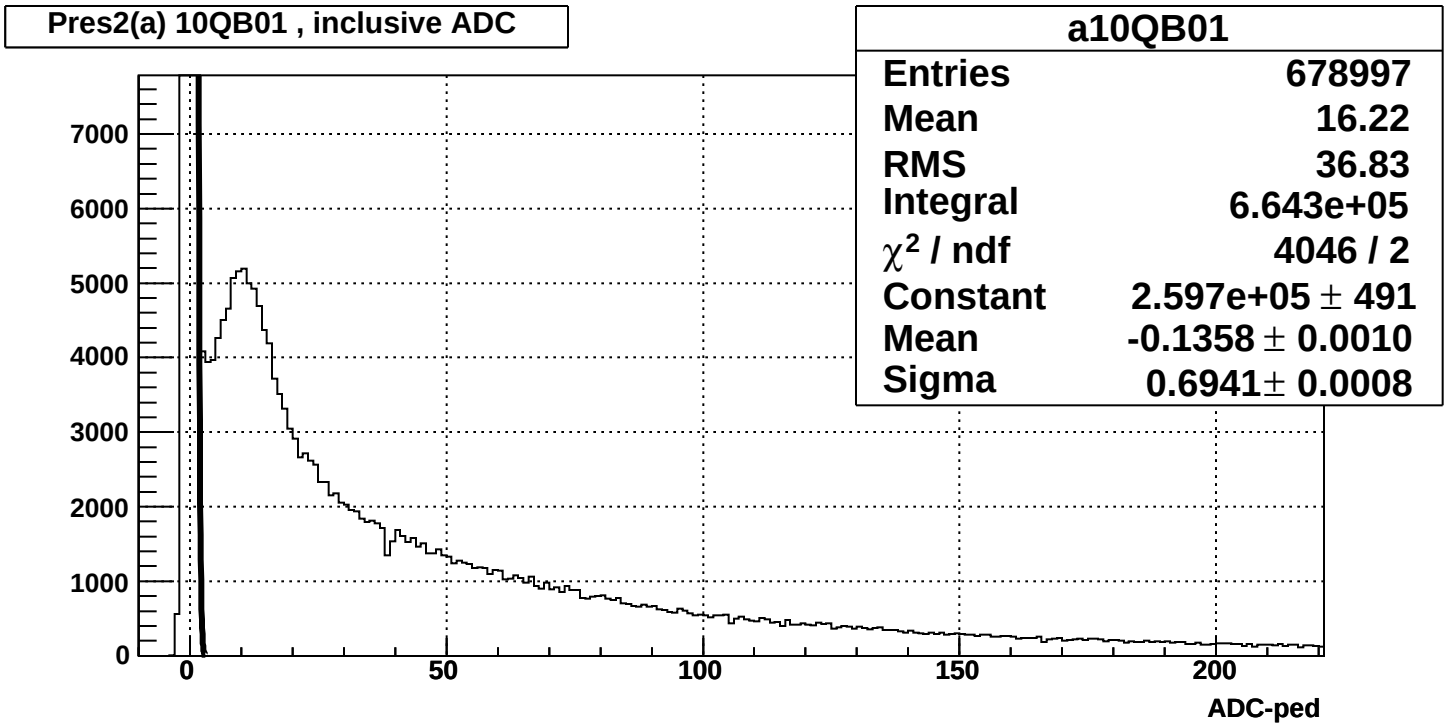

Pres2(d) 09QD01 , ADC, tag: UxV 2*thr
d09QD01
Entries 448
Mean 29.55
RMS 29.99
Integral 446
χ² / ndf 37.28 / 54
ampl-G 30.32 ± 5.44
const-L 103.3 ± 8.6
MPV-L 15.75 ± 1.16
sig-L 7.573 ± 0.648
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

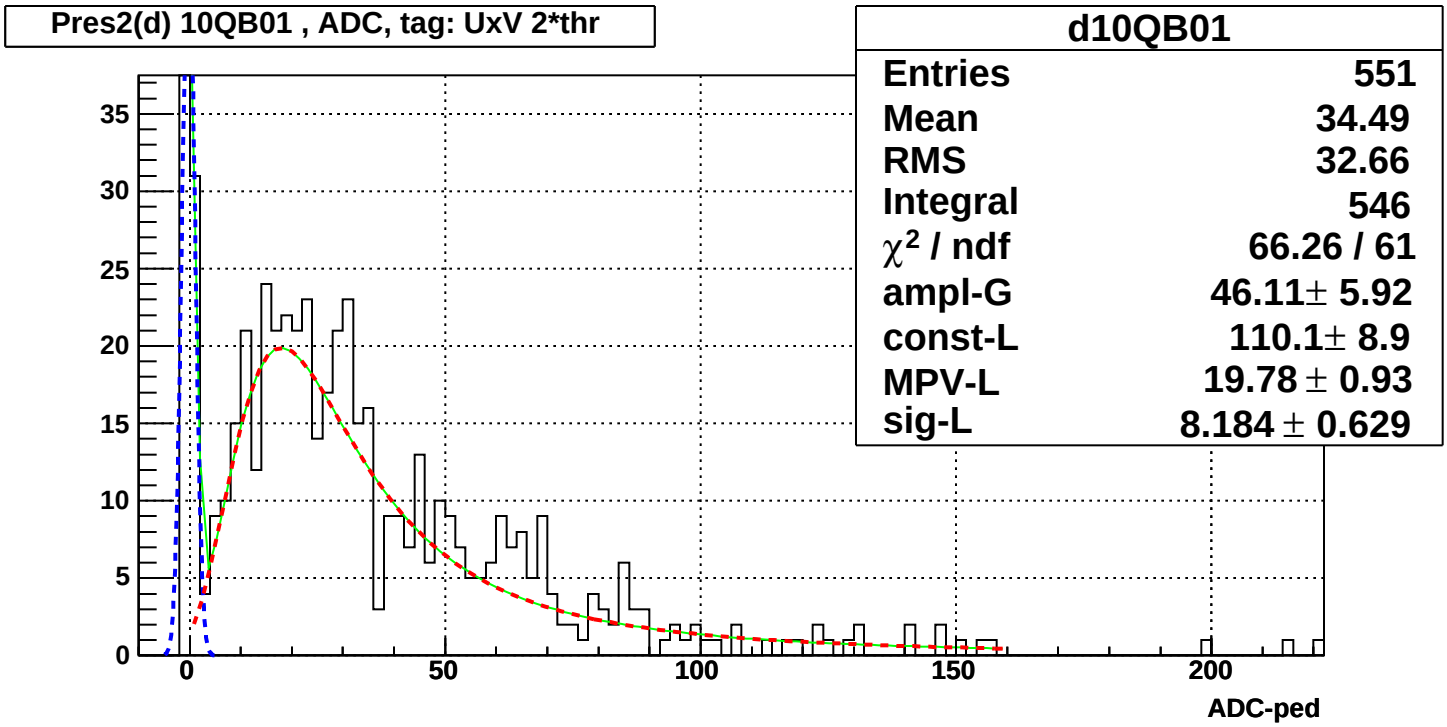

Pres2(a) 09QE01 , inclusive ADC
a09QE01
Entries 678997
Mean 15.19
RMS 34.96
Integral 6.666e+05
χ² / ndf 4422 / 2
Constant 2.566e+05 ± 483
Mean 0.06575 ± 0.00105
Sigma 0.7005 ± 0.0008
ADC-ped

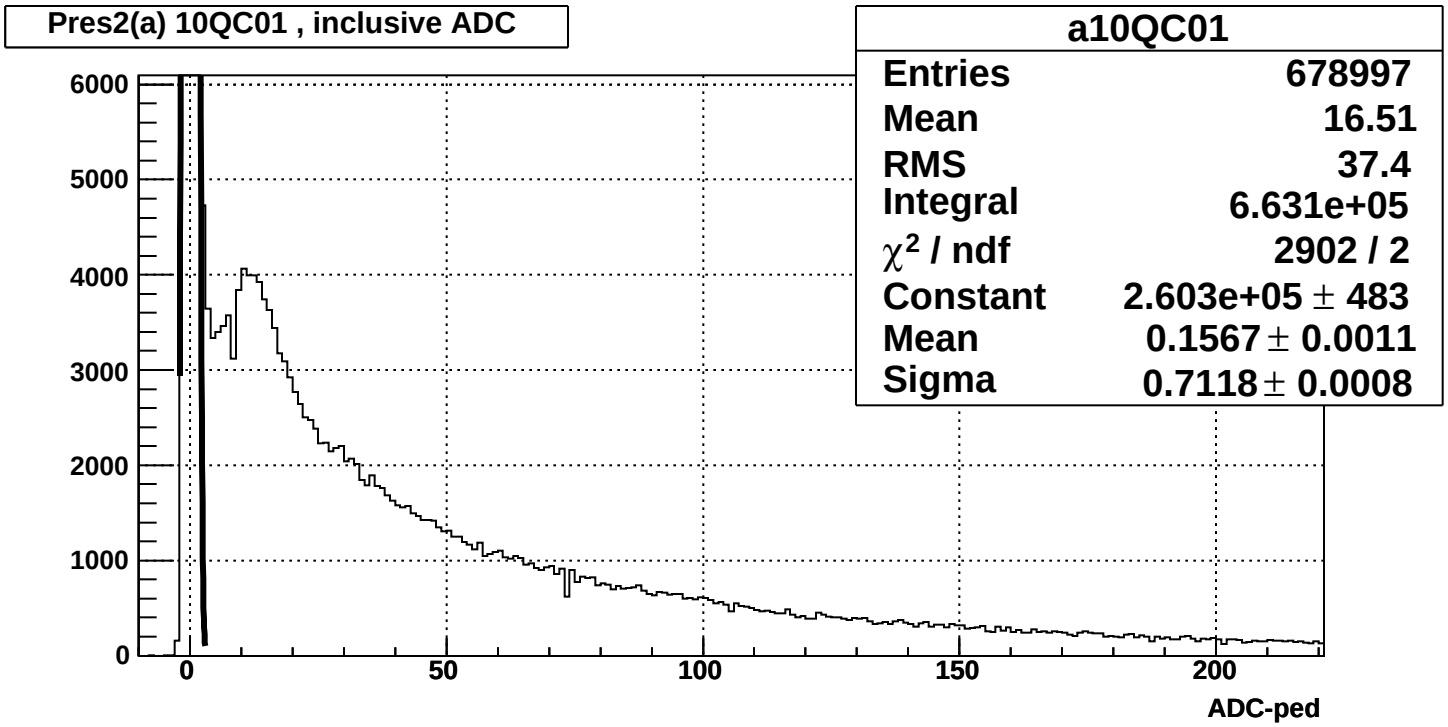

Pres2(d) 09QE01 , ADC, tag: UxV 2*thr
d09QE01
Entries 503
Mean 35.51
RMS 35.1
Integral 497
χ² / ndf 55.21 / 57
ampl-G 22.6 ± 5.3
const-L 107 ± 8.2
MPV-L 17.35 ± 1.18
sig-L 8.227 ± 0.640
ADC-ped

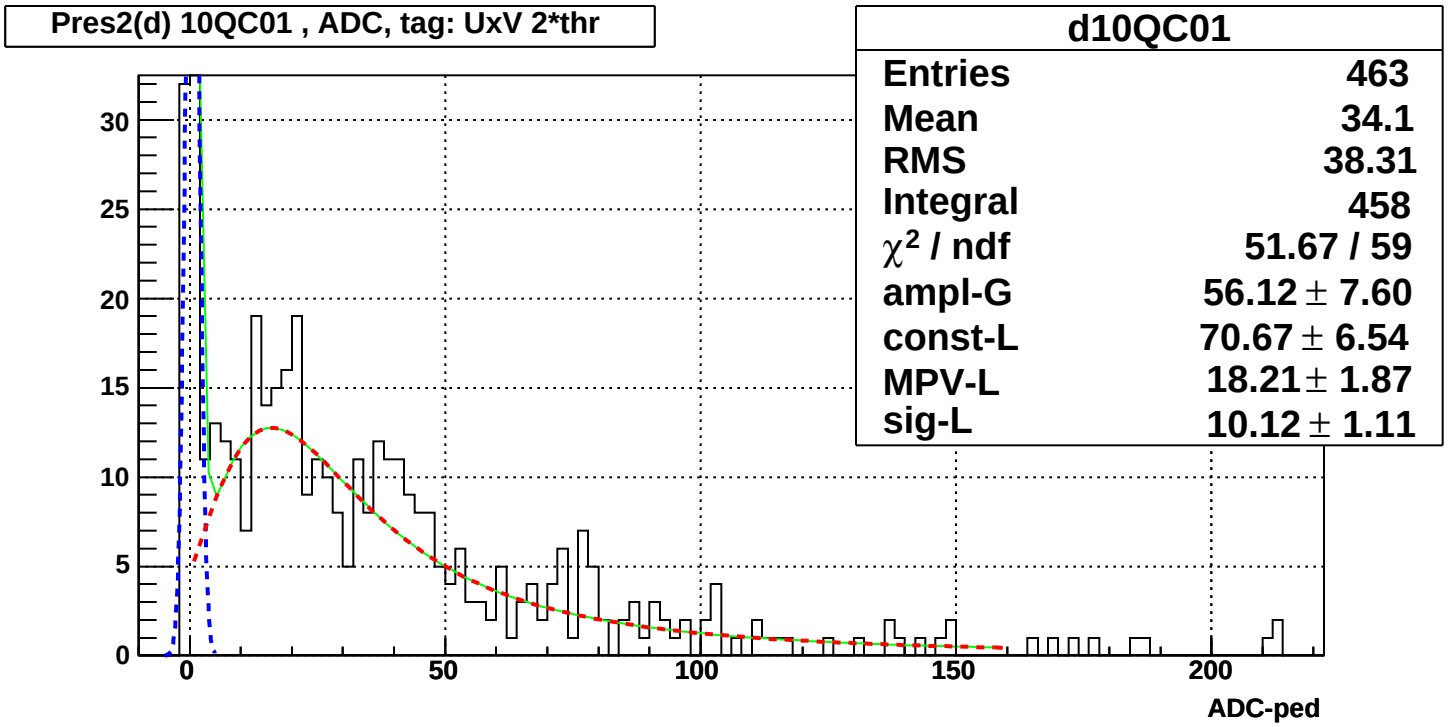

Pres2(a) 10QA01 , inclusive ADC
a10QA01
Entries 678997
Mean 15.1
RMS 35.49
Integral 6.664e+05
χ² / ndf 3983 / 2
Constant 2.573e+05 ± 486
Mean -0.2548 ± 0.0011
Sigma 0.7119 ± 0.0009
ADC-ped

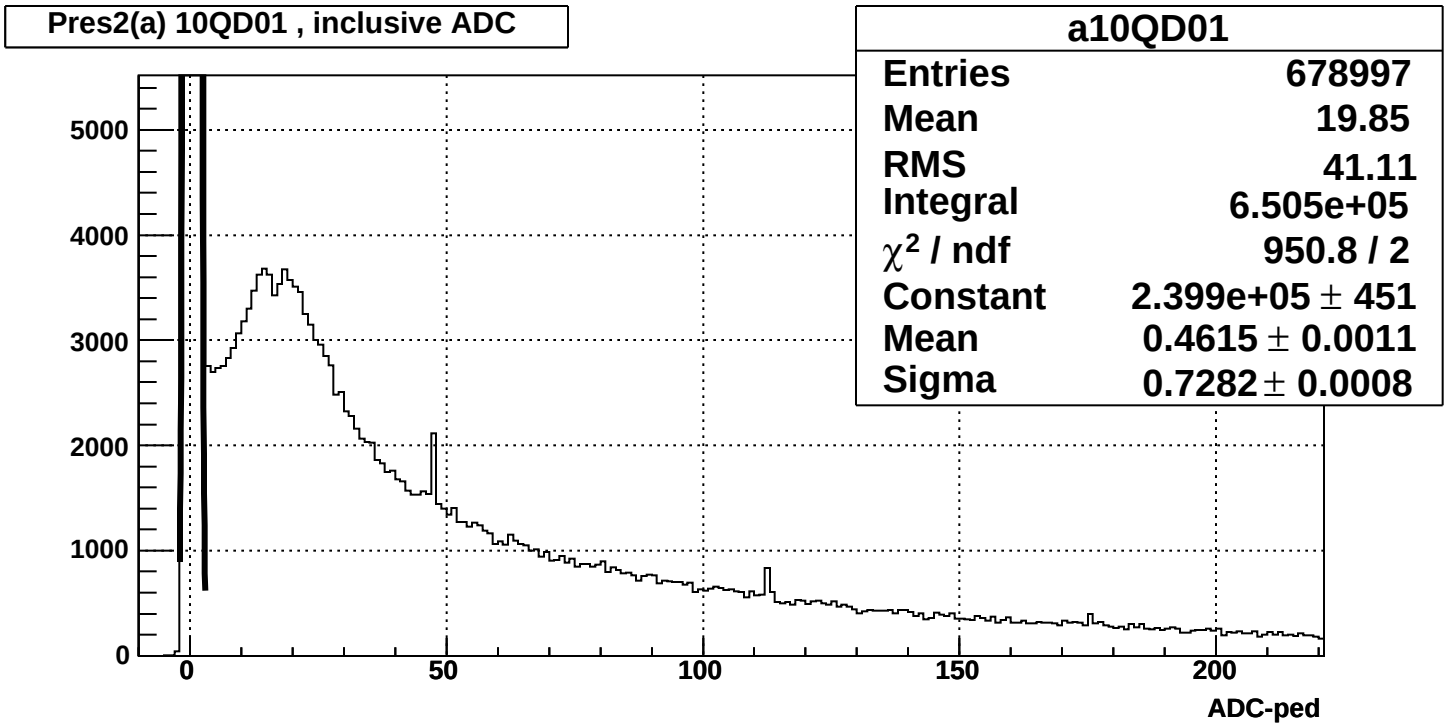

Pres2(d) 10QA01 , ADC, tag: UxV 2*thr
d10QA01
Entries 531
Mean 33.34
RMS 33.73
Integral 529
χ² / ndf 33.46 / 57
ampl-G 30.06 ± 5.38
const-L 118.7 ± 9.2
MPV-L 16.91 ± 1.02
sig-L 8.168 ± 0.661
ADC-ped

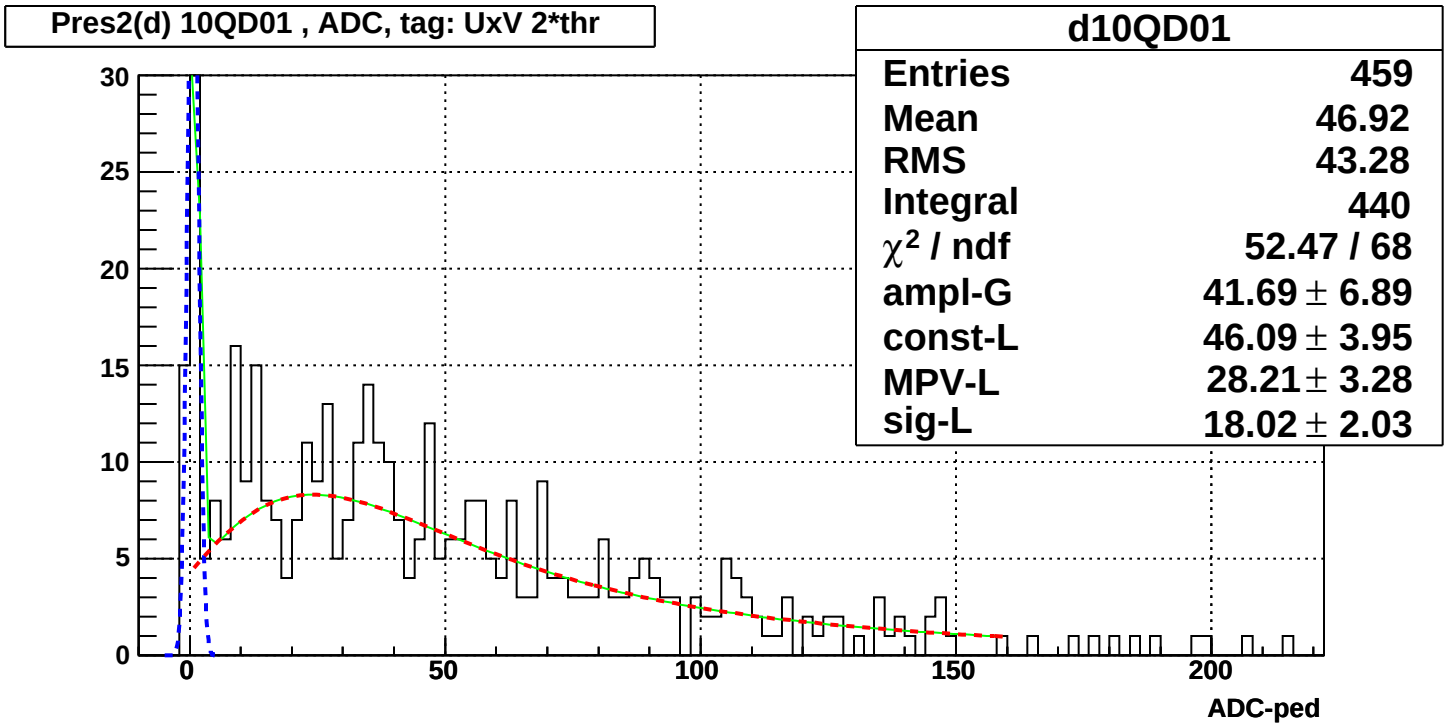

Pres2(a) 10QB01 , inclusive ADC
a10QB01
Entries 678997
Mean 16.22
RMS 36.83
Integral 6.643e+05
χ² / ndf 4046 / 2
Constant 2.597e+05 ± 491
Mean -0.1358 ± 0.0010
Sigma 0.6941± 0.0008
ADC-ped

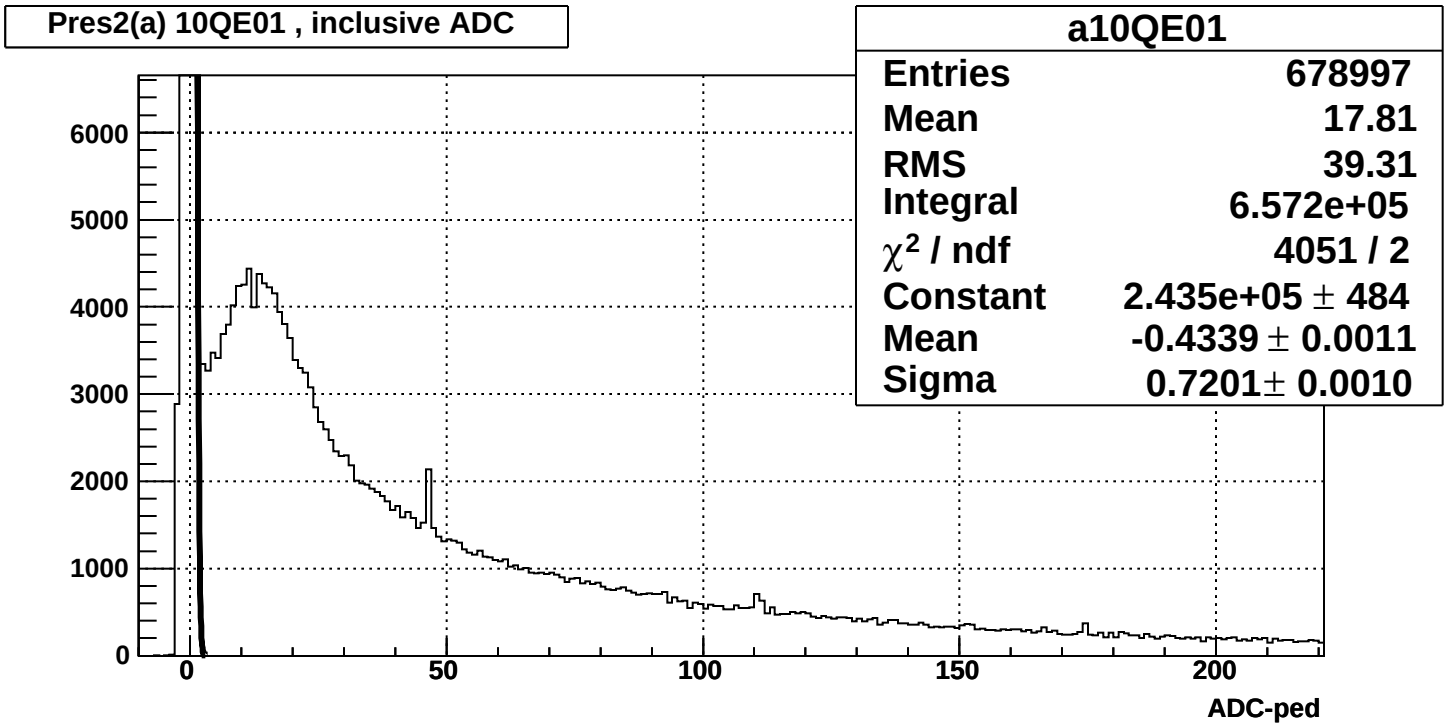

Pres2(d) 10QB01 , ADC, tag: UxV 2*thr
d10QB01
Entries 551
Mean 34.49
RMS 32.66
Integral 546
χ² / ndf 66.26 / 61
ampl-G 46.11± 5.92
const-L 110.1± 8.9
MPV-L 19.78 ± 0.93
sig-L 8.184 ± 0.629
ADC-ped

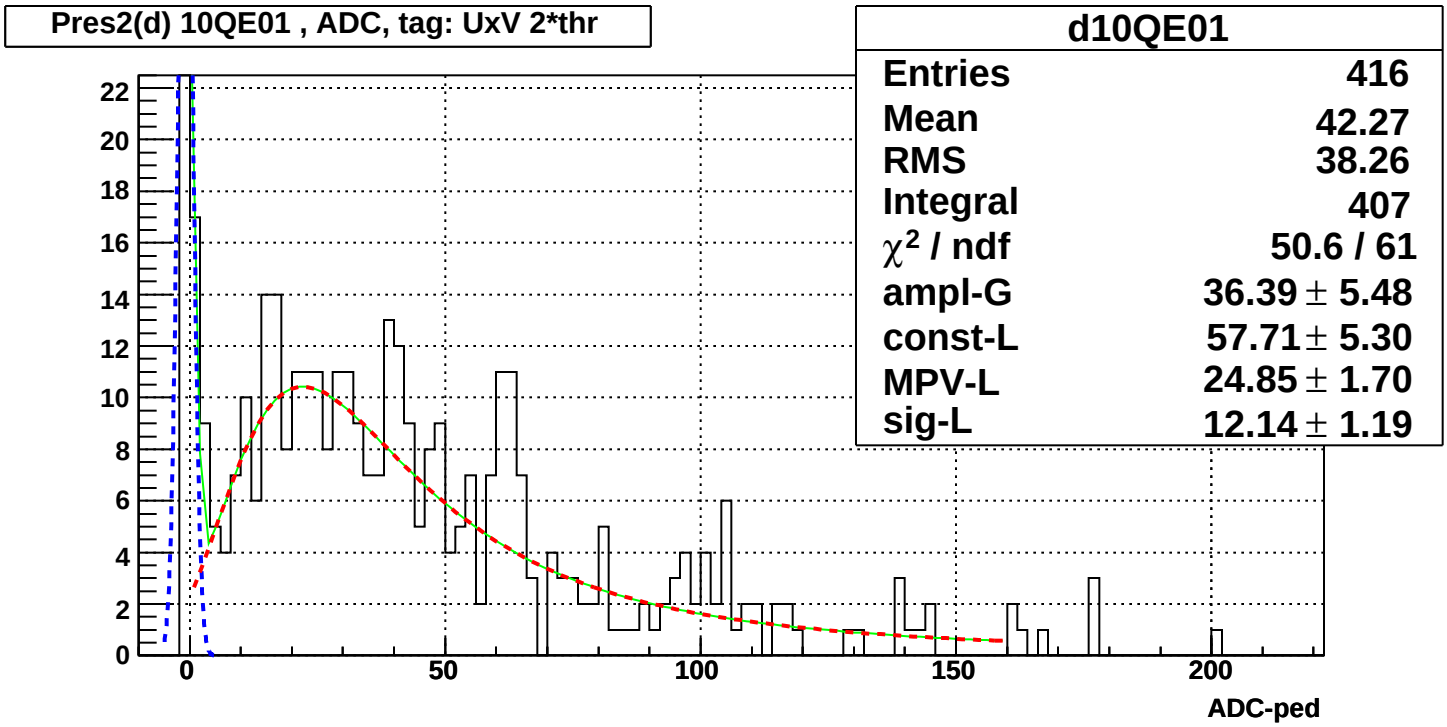

Pres2(a) 10QC01 , inclusive ADC
a10QC01
Entries 678997
Mean 16.51
RMS 37.4
Integral 6.631e+05
χ² / ndf 2902 / 2
Constant 2.603e+05 ± 483
Mean 0.1567 ± 0.0011
Sigma 0.7118 ± 0.0008
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

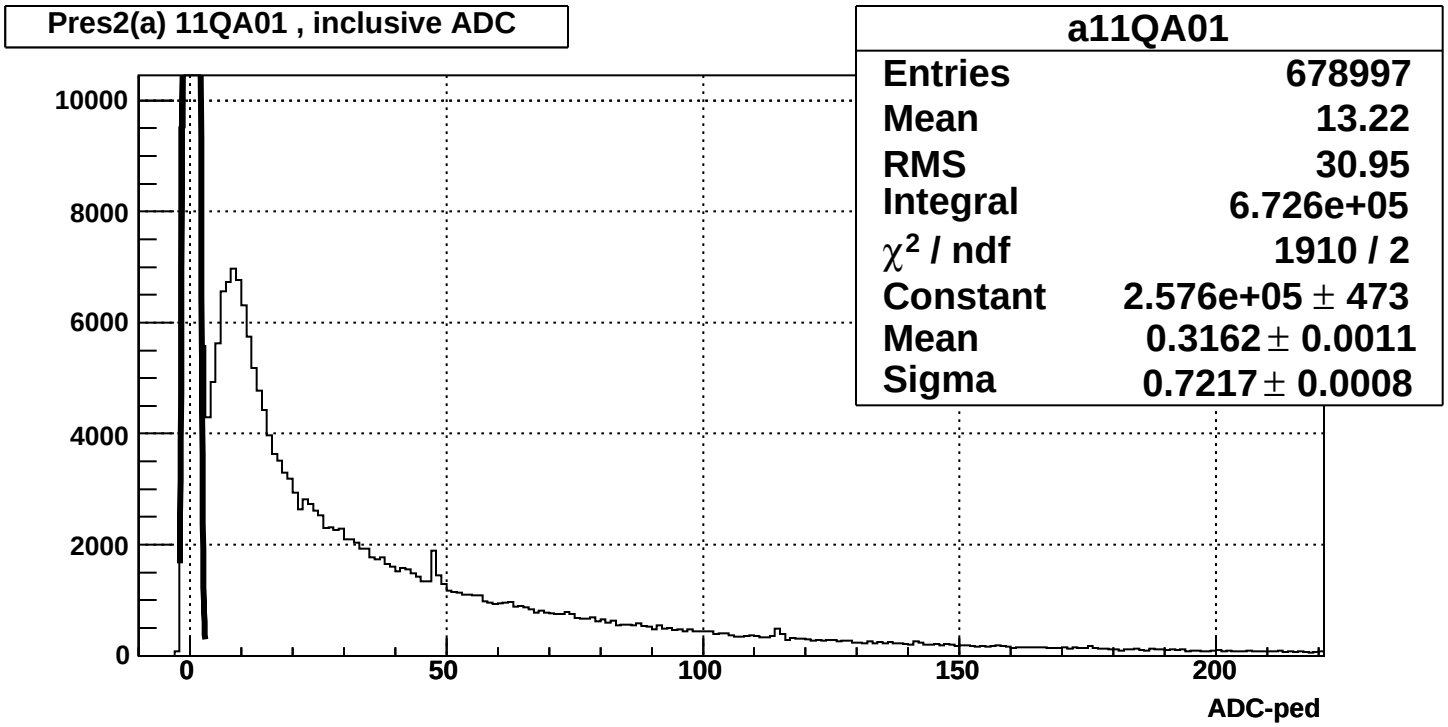

Pres2(d) 10QC01 , ADC, tag: UxV 2*thr
d10QC01
Entries 463
Mean 34.1
RMS 38.31
Integral 458
χ² / ndf 51.67 / 59
ampl-G 56.12 ± 7.60
const-L 70.67 ± 6.54
MPV-L 18.21 ± 1.87
sig-L 10.12 ± 1.11
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

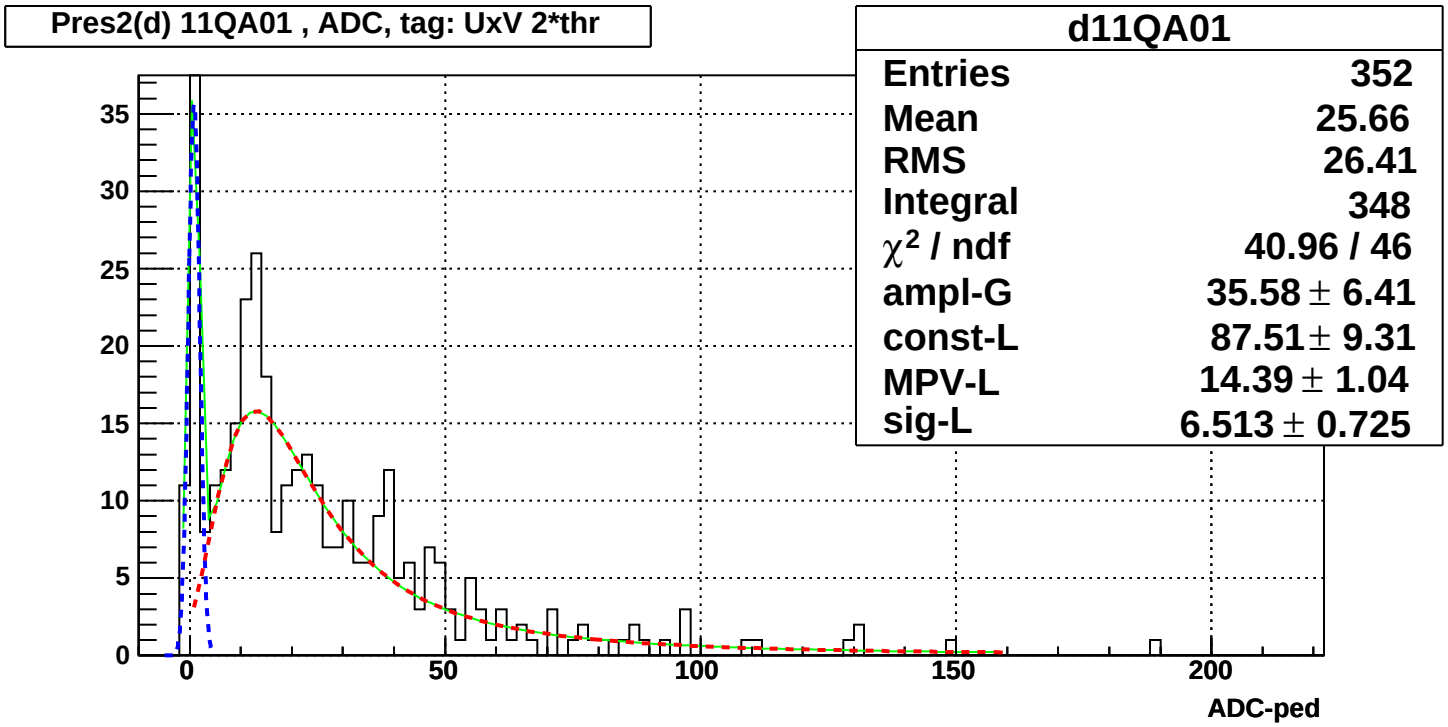

Pres2(a) 10QD01 , inclusive ADC
a10QD01
Entries 678997
Mean 19.85
RMS 41.11
Integral 6.505e+05
χ² / ndf 950.8 / 2
Constant 2.399e+05 ± 451
Mean 0.4615 ± 0.0011
Sigma 0.7282 ± 0.0008
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

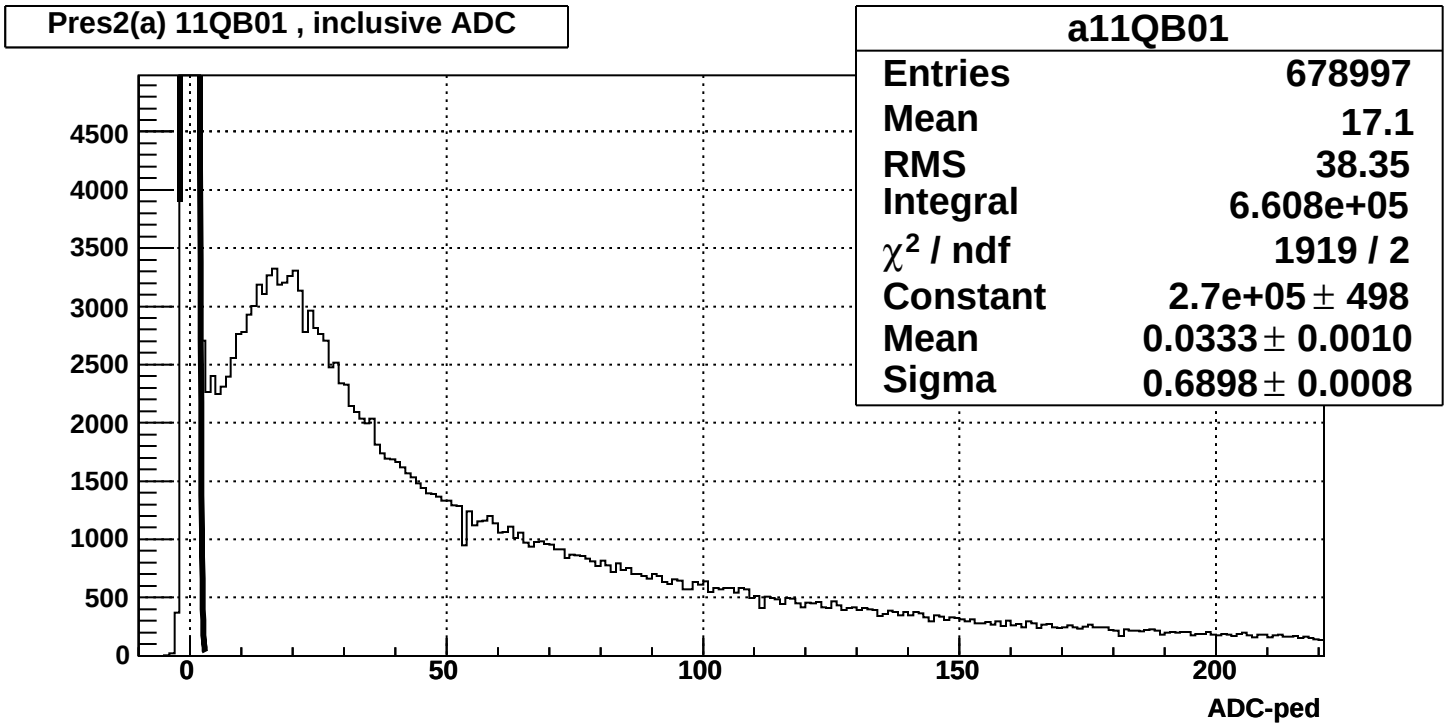

Pres2(d) 10QD01 , ADC, tag: UxV 2*thr
d10QD01
Entries 459
Mean 46.92
RMS 43.28
Integral 440
χ² / ndf 52.47 / 68
ampl-G 41.69 ± 6.89
const-L 46.09 ± 3.95
MPV-L 28.21 ± 3.28
sig-L 18.02 ± 2.03
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

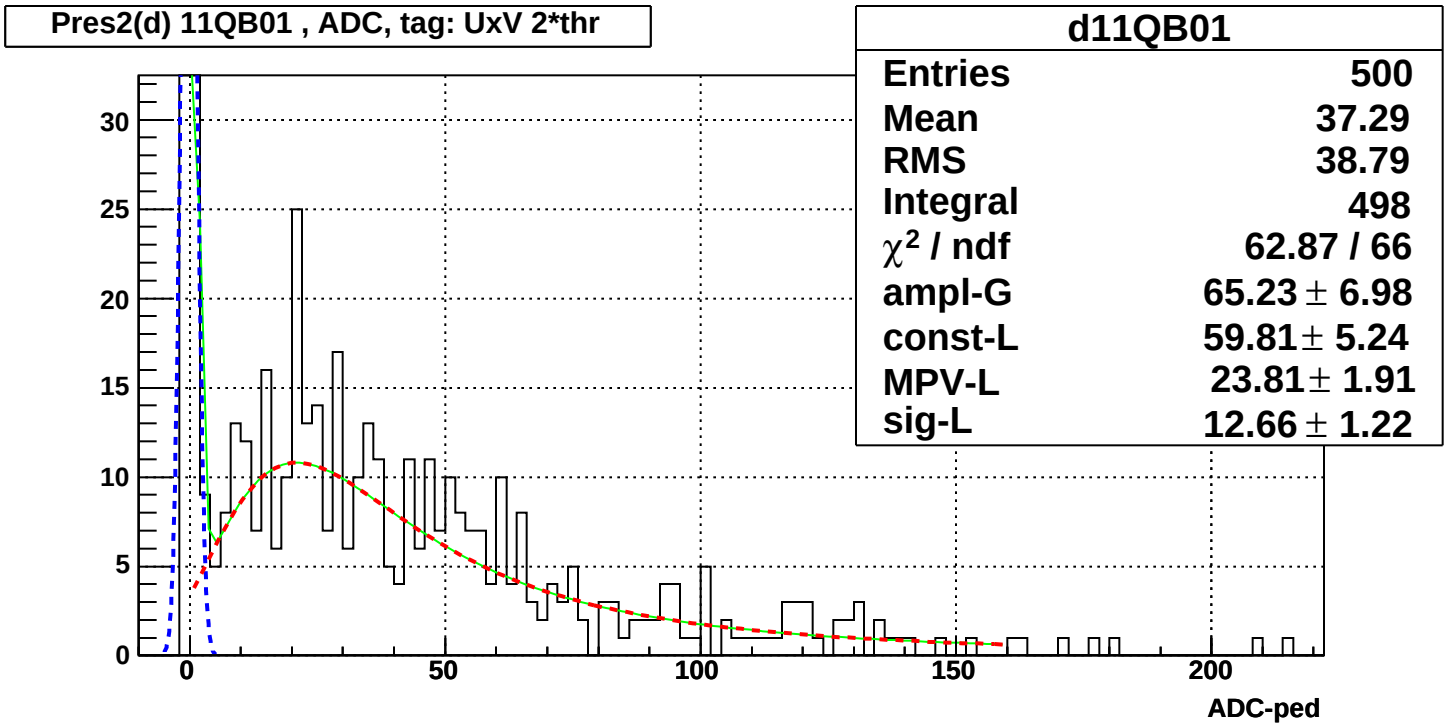

Pres2(a) 10QE01 , inclusive ADC
a10QE01
Entries 678997
Mean 17.81
RMS 39.31
Integral 6.572e+05
χ² / ndf 4051 / 2
Constant 2.435e+05 ± 484
Mean -0.4339 ± 0.0011
Sigma 0.7201 ± 0.0010
ADC-ped

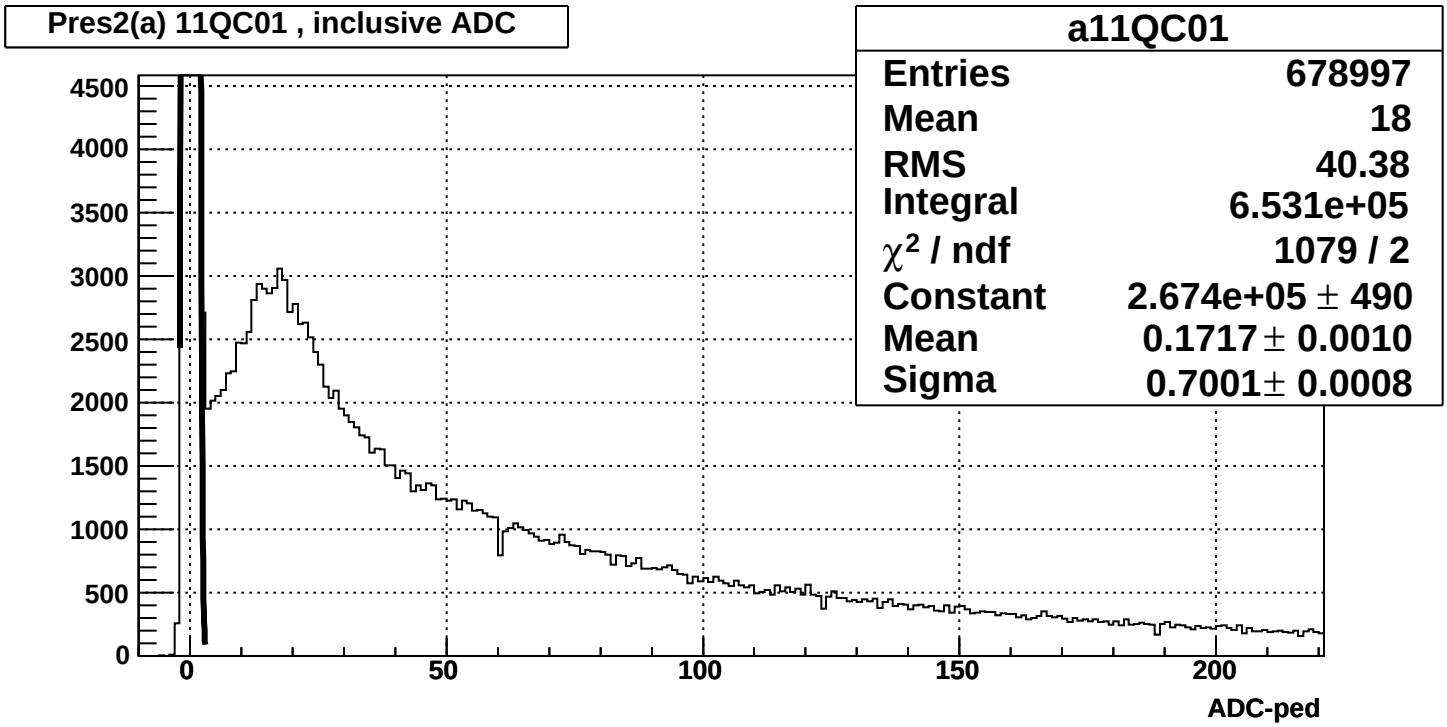

Pres2(d) 10QE01 , ADC, tag: UxV 2*thr
d10QE01
Entries 416
Mean 42.27
RMS 38.26
Integral 407
χ² / ndf 50.6 / 61
ampl-G 36.39 ± 5.48
const-L 57.71 ± 5.30
MPV-L 24.85 ± 1.70
sig-L 12.14 ± 1.19
ADC-ped

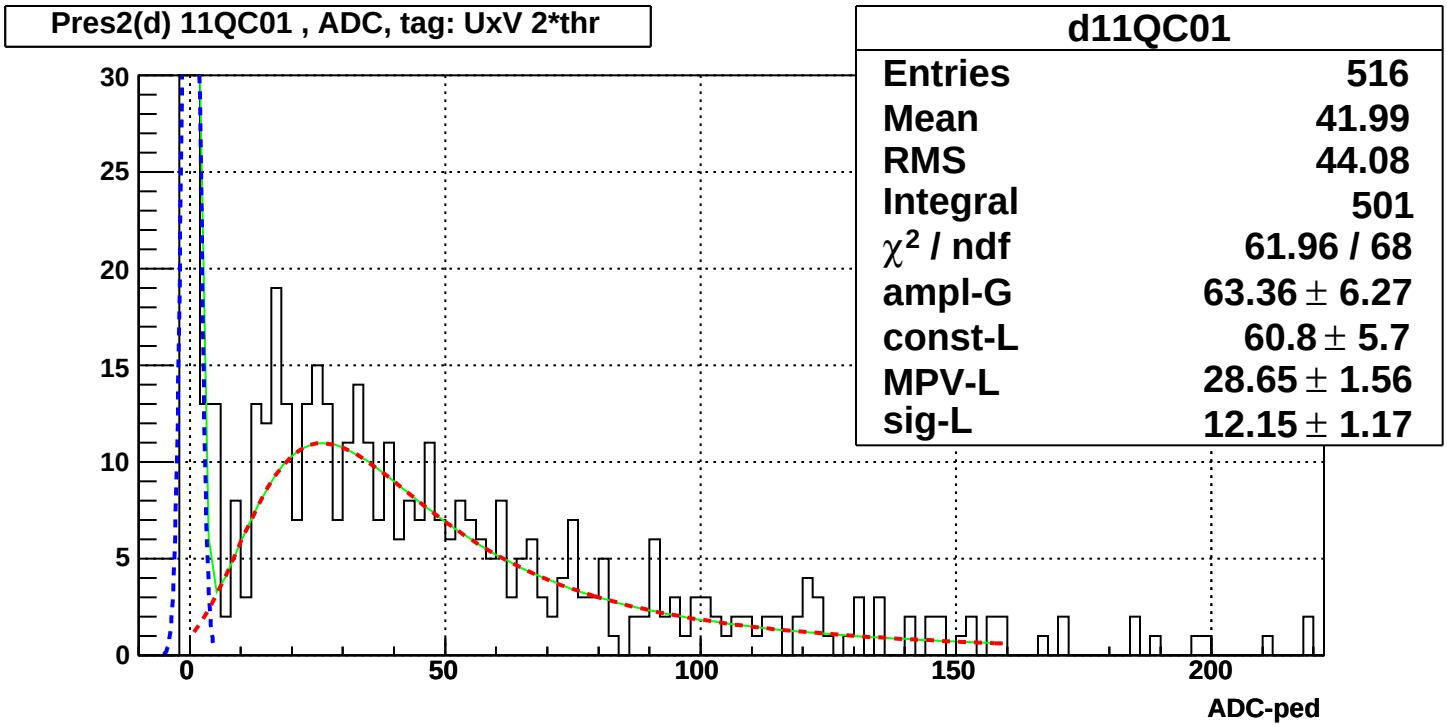

Pres2(a) 11QA01 , inclusive ADC
a11QA01
Entries 678997
Mean 13.22
RMS 30.95
Integral 6.726e+05
χ² / ndf 1910 / 2
Constant 2.576e+05 ± 473
Mean 0.3162 ± 0.0011
Sigma 0.7217 ± 0.0008
10000
8000
6000
4000
2000
0
0
50
100
150
200
ADC-ped

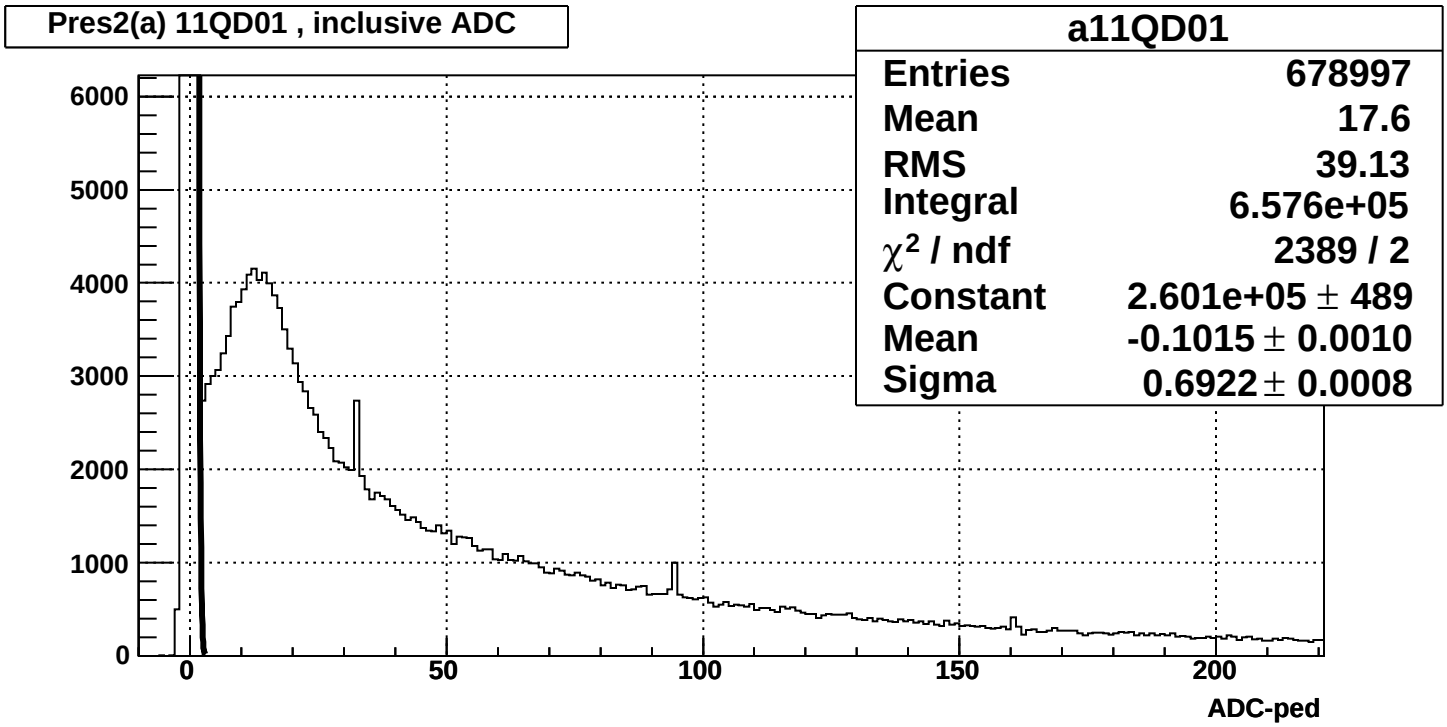

Pres2(d) 11QA01 , ADC, tag: UxV 2*thr
d11QA01
Entries 352
Mean 25.66
RMS 26.41
Integral 348
χ² / ndf 40.96 / 46
ampl-G 35.58 ± 6.41
const-L 87.51 ± 9.31
MPV-L 14.39 ± 1.04
sig-L 6.513 ± 0.725
35
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

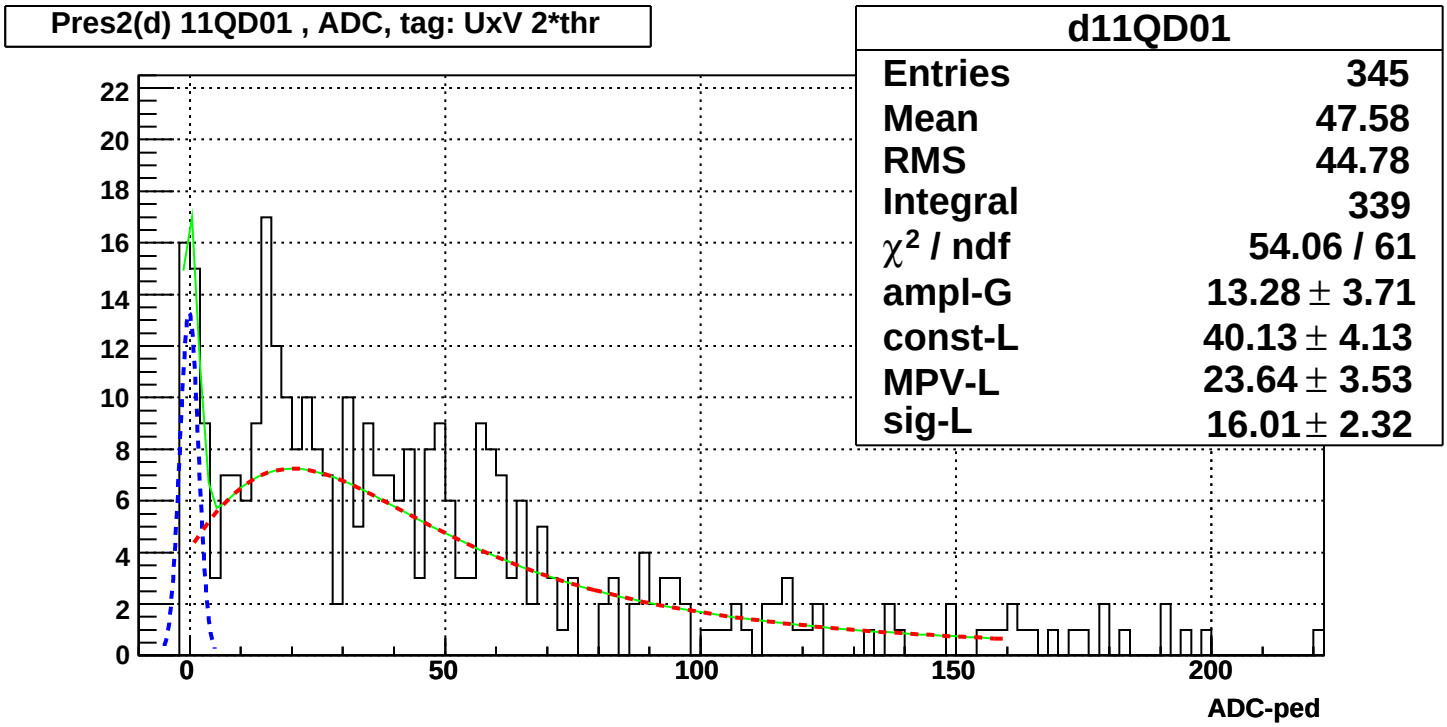

Pres2(a) 11QB01 , inclusive ADC
a11QB01
Entries 678997
Mean 17.1
RMS 38.35
Integral 6.608e+05
χ² / ndf 1919 / 2
Constant 2.7e+05 ± 498
Mean 0.0333 ± 0.0010
Sigma 0.6898 ± 0.0008
ADC-ped

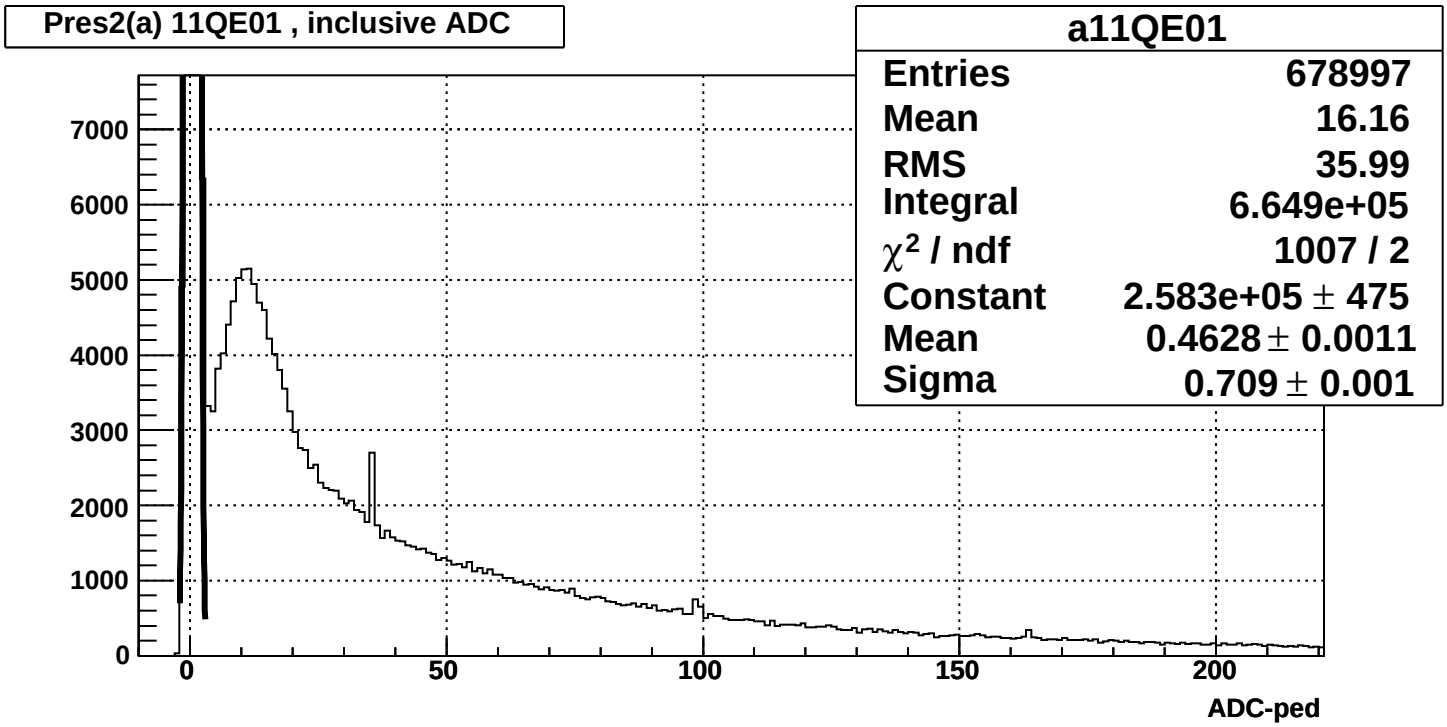

Pres2(d) 11QB01 , ADC, tag: UxV 2*thr
d11QB01
Entries 500
Mean 37.29
RMS 38.79
Integral 498
χ² / ndf 62.87 / 66
ampl-G 65.23 ± 6.98
const-L 59.81 ± 5.24
MPV-L 23.81 ± 1.91
sig-L 12.66 ± 1.22
ADC-ped

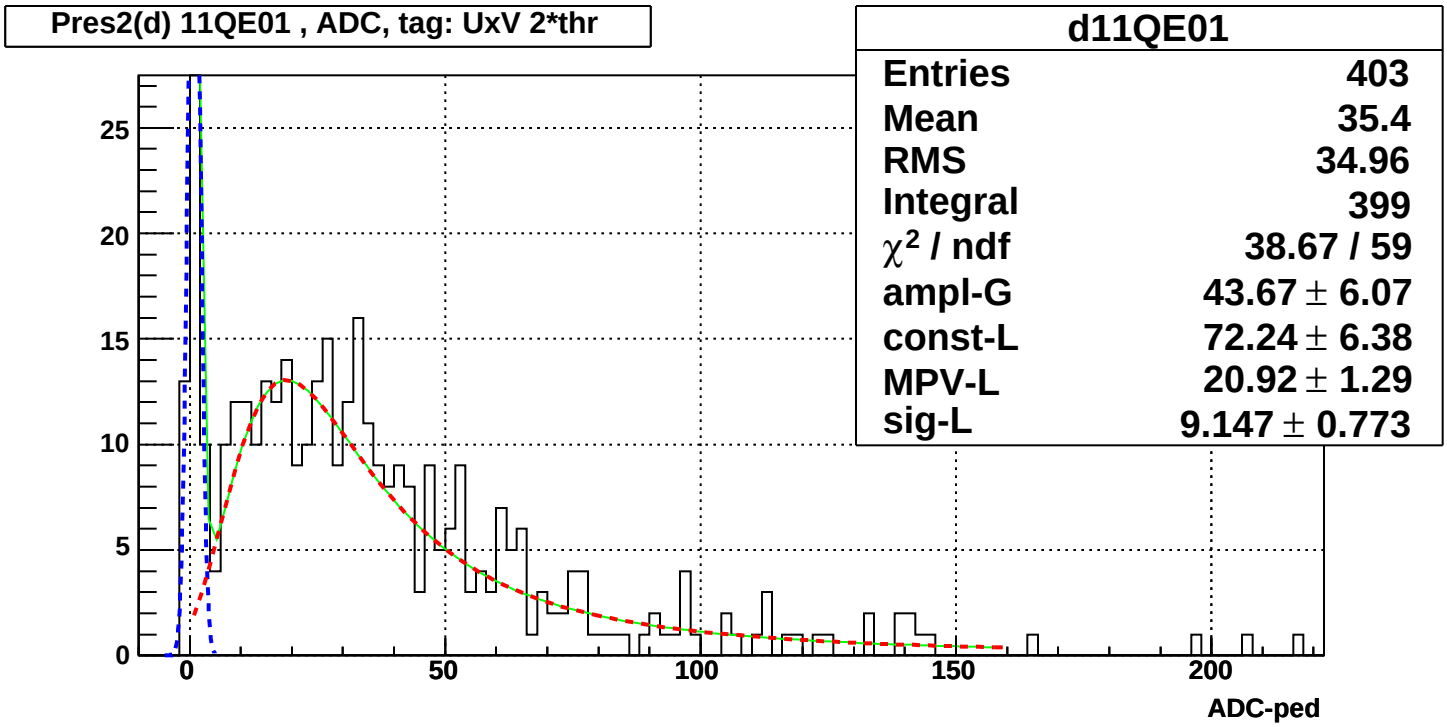

Pres2(a) 11QC01 , inclusive ADC
a11QC01
Entries 678997
Mean 18
RMS 40.38
Integral 6.531e+05
χ² / ndf 1079 / 2
Constant 2.674e+05 ± 490
Mean 0.1717 ± 0.0010
Sigma 0.7001 ± 0.0008
ADC-ped

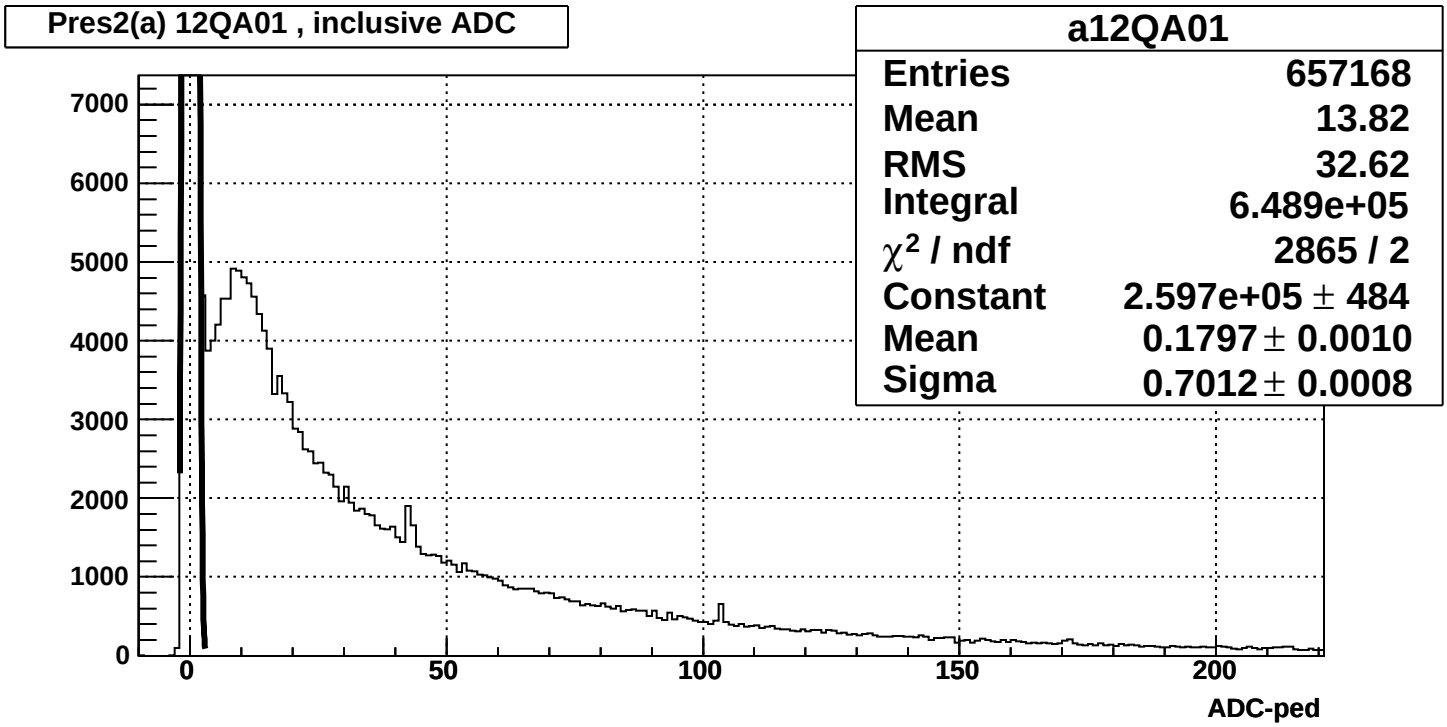

Pres2(d) 11QC01 , ADC, tag: UxV 2*thr
d11QC01
Entries 516
Mean 41.99
RMS 44.08
Integral 501
χ² / ndf 61.96 / 68
ampl-G 63.36 ± 6.27
const-L 60.8 ± 5.7
MPV-L 28.65 ± 1.56
sig-L 12.15 ± 1.17
ADC-ped

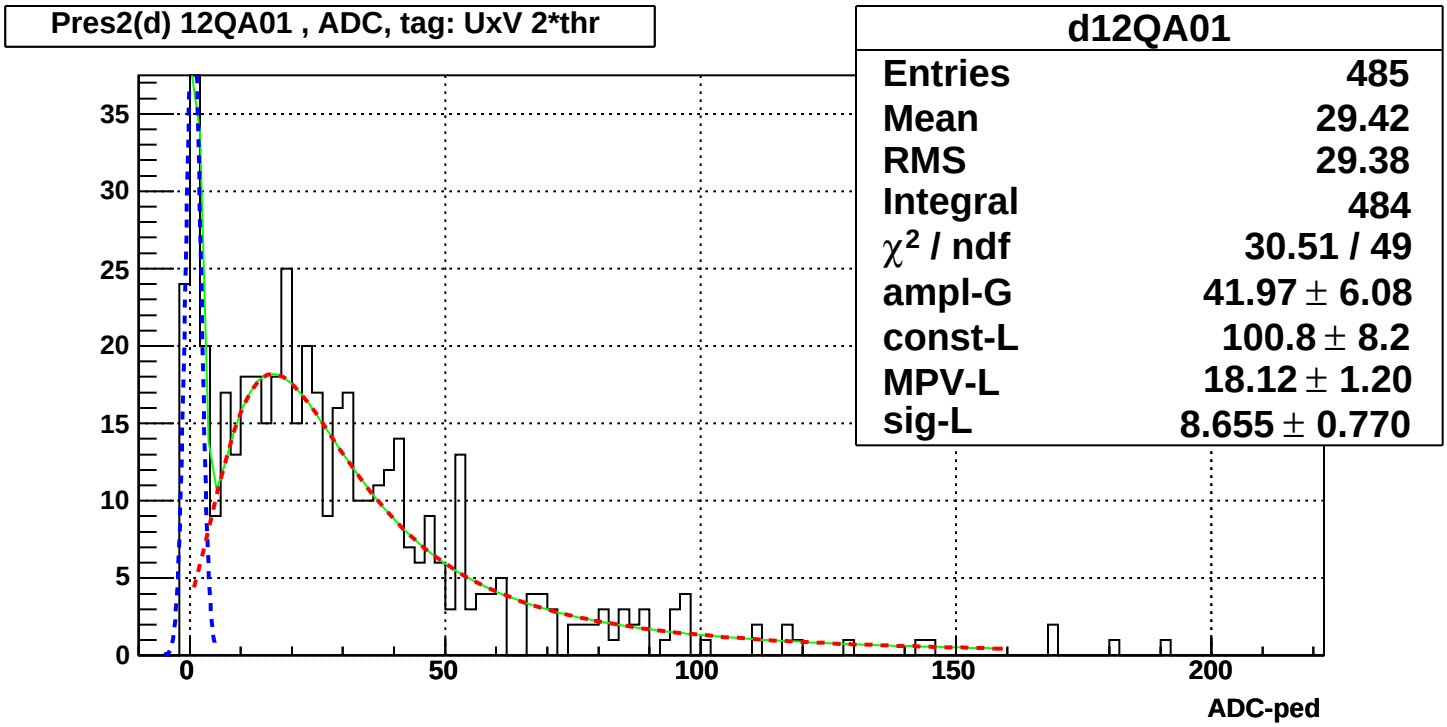

Pres2(a) 11QD01 , inclusive ADC
a11QD01
Entries 678997
Mean 17.6
RMS 39.13
Integral 6.576e+05
χ² / ndf 2389 / 2
Constant 2.601e+05 ± 489
Mean -0.1015 ± 0.0010
Sigma 0.6922 ± 0.0008
ADC-ped

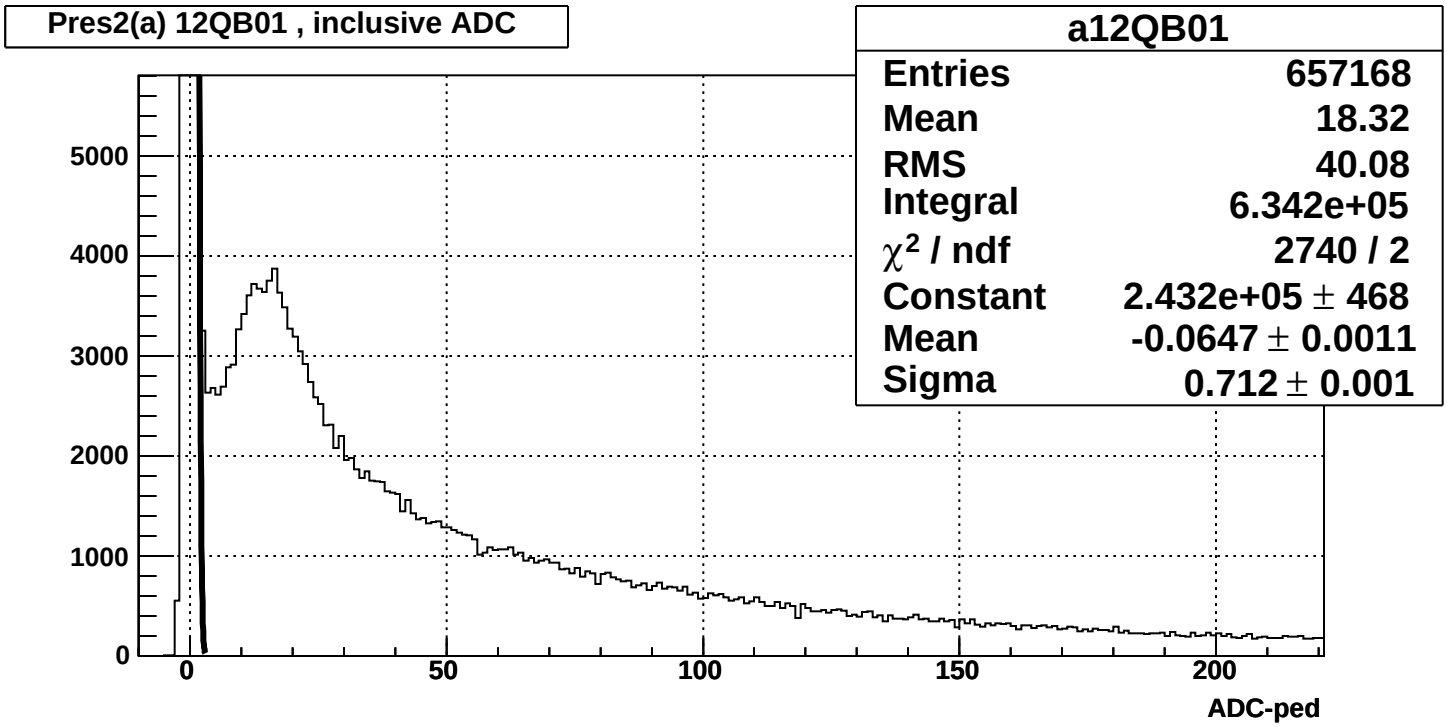

Pres2(d) 11QD01 , ADC, tag: UxV 2*thr
d11QD01
Entries 345
Mean 47.58
RMS 44.78
Integral 339
χ² / ndf 54.06 / 61
ampl-G 13.28 ± 3.71
const-L 40.13 ± 4.13
MPV-L 23.64 ± 3.53
sig-L 16.01 ± 2.32
ADC-ped

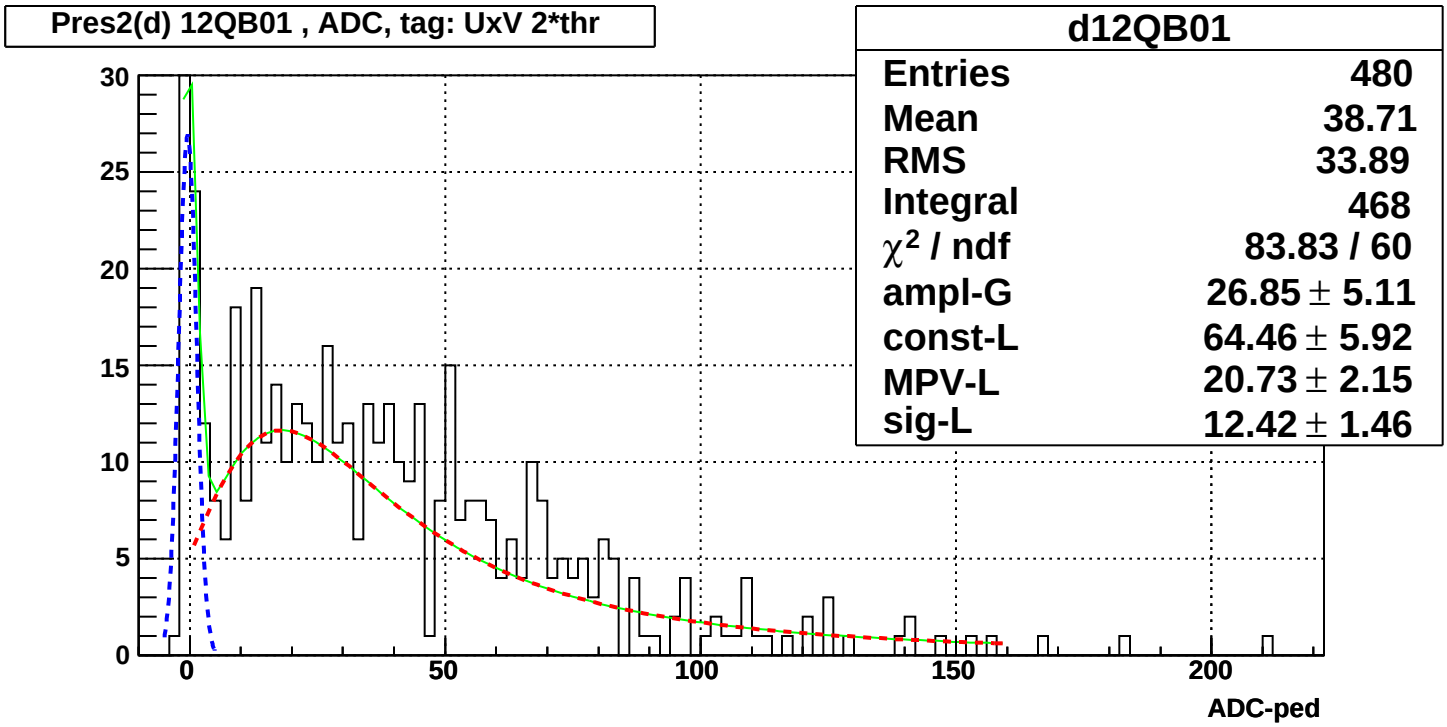

Pres2(a) 11QE01 , inclusive ADC
a11QE01
Entries 678997
Mean 16.16
RMS 35.99
Integral 6.649e+05
χ² / ndf 1007 / 2
Constant 2.583e+05 ± 475
Mean 0.4628 ± 0.0011
Sigma 0.709 ± 0.001
ADC-ped

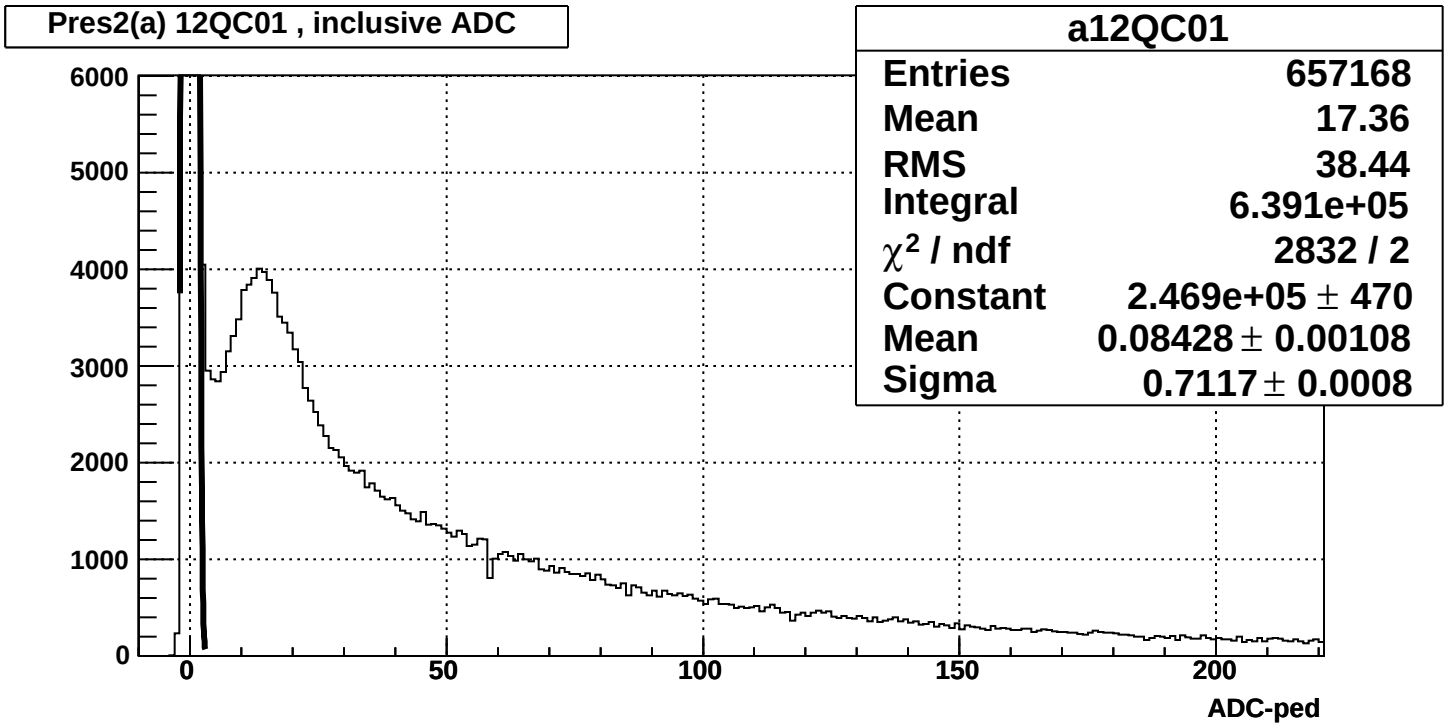

Pres2(d) 11QE01 , ADC, tag: UxV 2*thr
d11QE01
Entries 403
Mean 35.4
RMS 34.96
Integral 399
χ² / ndf 38.67 / 59
ampl-G 43.67 ± 6.07
const-L 72.24 ± 6.38
MPV-L 20.92 ± 1.29
sig-L 9.147 ± 0.773
ADC-ped

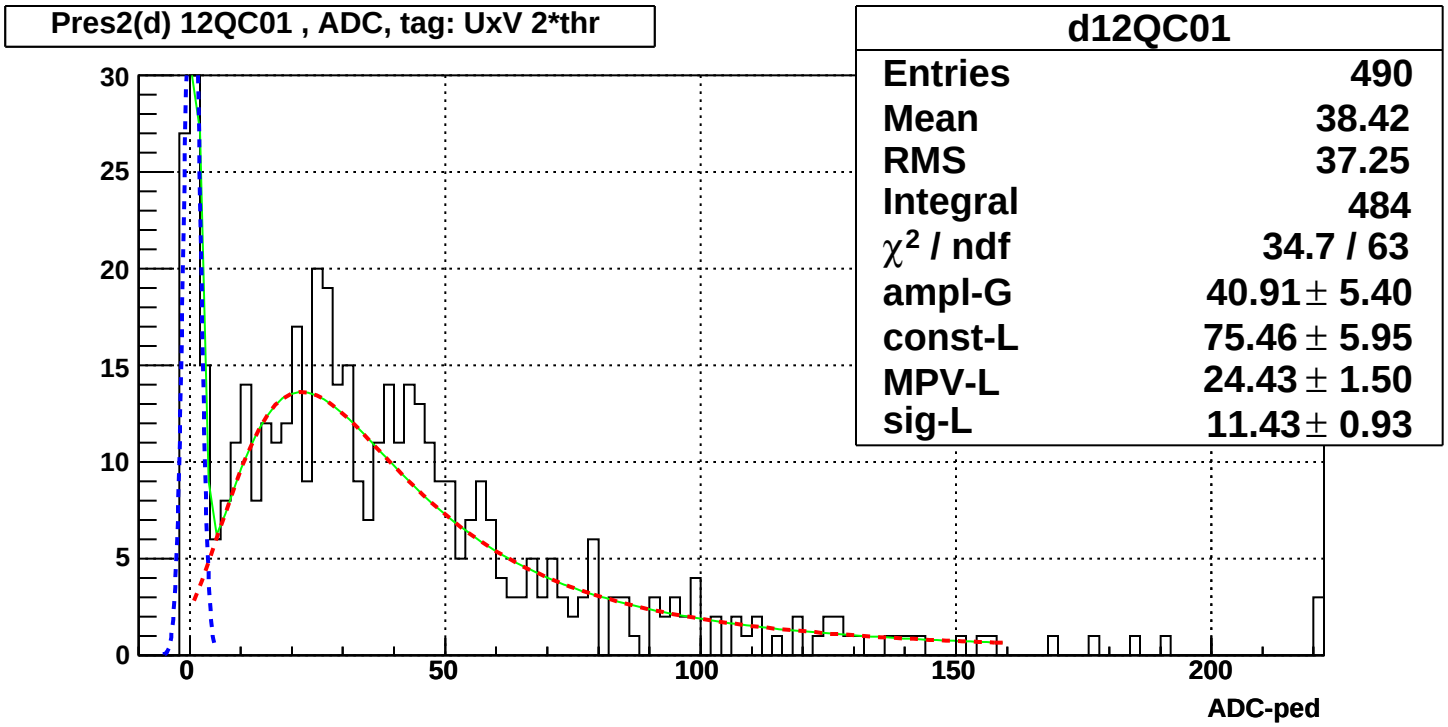

Pres2(a) 12QA01 , inclusive ADC
a12QA01
Entries 657168
Mean 13.82
RMS 32.62
Integral 6.489e+05
χ² / ndf 2865 / 2
Constant 2.597e+05 ± 484
Mean 0.1797 ± 0.0010
Sigma 0.7012 ± 0.0008
7000
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped

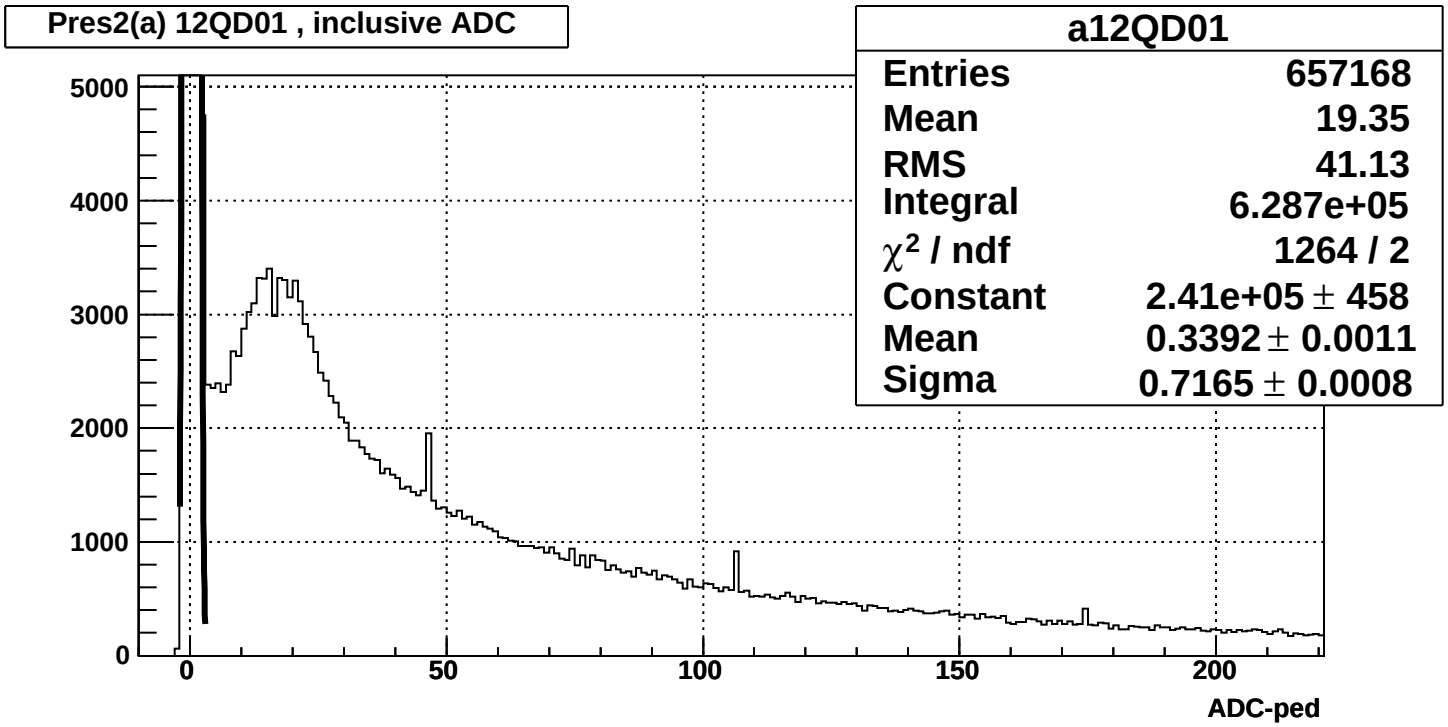

Pres2(d) 12QA01 , ADC, tag: UxV 2*thr
d12QA01
Entries 485
Mean 29.42
RMS 29.38
Integral 484
χ² / ndf 30.51 / 49
ampl-G 41.97 ± 6.08
const-L 100.8 ± 8.2
MPV-L 18.12 ± 1.20
sig-L 8.655 ± 0.770
35
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped

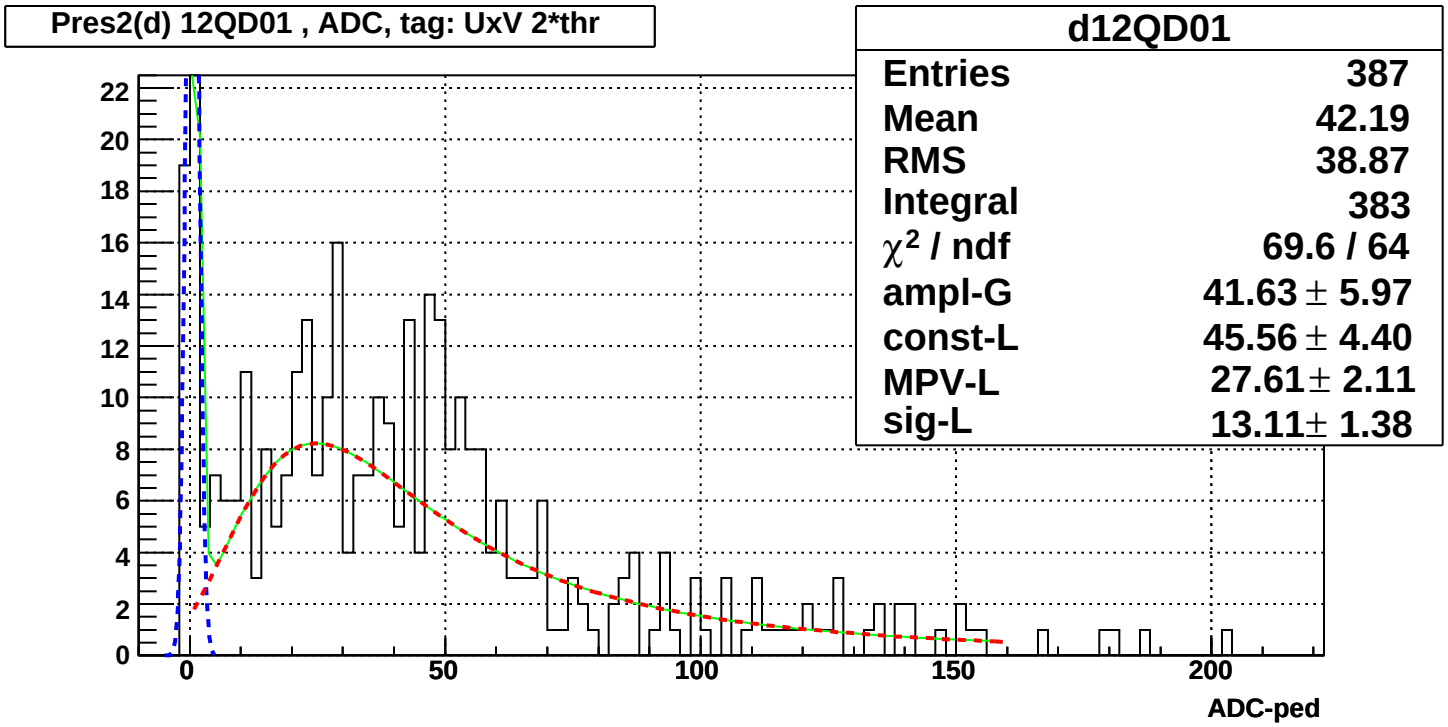

Pres2(a) 12QB01 , inclusive ADC
a12QB01
Entries 657168
Mean 18.32
RMS 40.08
Integral 6.342e+05
χ² / ndf 2740 / 2
Constant 2.432e+05 ± 468
Mean -0.0647 ± 0.0011
Sigma 0.712 ± 0.001
0
1000
2000
3000
4000
5000
0
50
100
150
200
ADC-ped

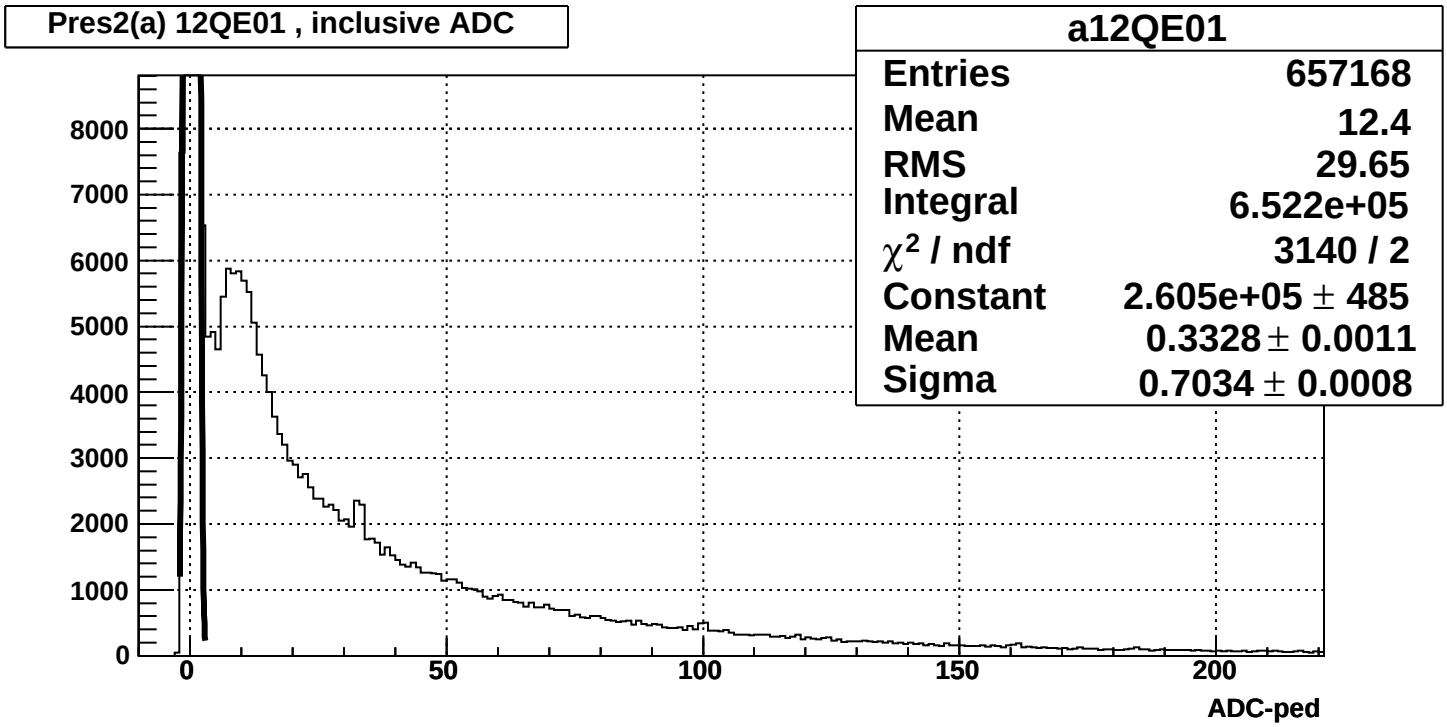

Pres2(d) 12QB01 , ADC, tag: UxV 2*thr
d12QB01
Entries 480
Mean 38.71
RMS 33.89
Integral 468
χ² / ndf 83.83 / 60
ampl-G 26.85 ± 5.11
const-L 64.46 ± 5.92
MPV-L 20.73 ± 2.15
sig-L 12.42 ± 1.46
0
5
10
15
20
25
30
0
50
100
150
200
ADC-ped

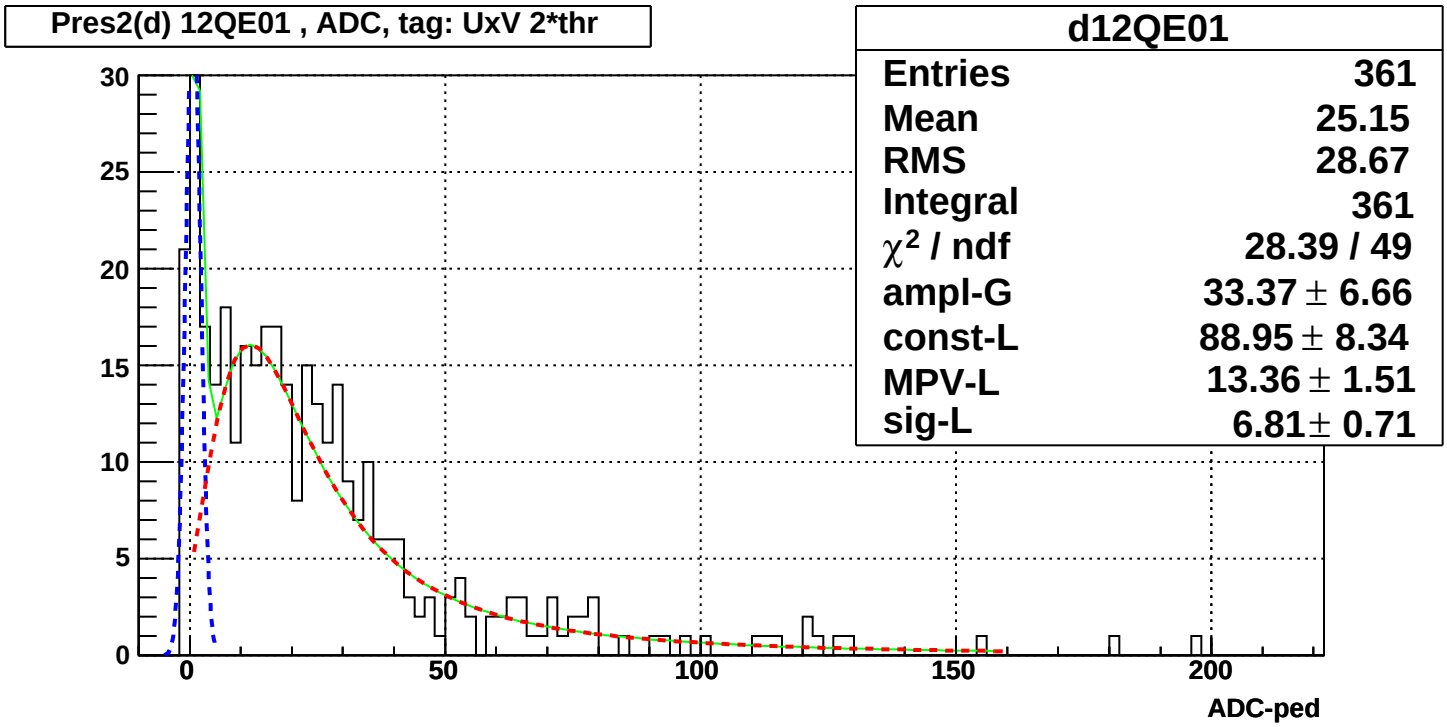

Pres2(a) 12QC01 , inclusive ADC
a12QC01
Entries 657168
Mean 17.36
RMS 38.44
Integral 6.391e+05
χ² / ndf 2832 / 2
Constant 2.469e+05 ± 470
Mean 0.08428 ± 0.00108
Sigma 0.7117 ± 0.0008
6000
5000
4000
3000
2000
1000
0
0
50
100
150
200
ADC-ped


Pres2(d) 12QC01 , ADC, tag: UxV 2*thr
d12QC01
Entries 490
Mean 38.42
RMS 37.25
Integral 484
χ² / ndf 34.7 / 63
ampl-G 40.91 ± 5.40
const-L 75.46 ± 5.95
MPV-L 24.43 ± 1.50
sig-L 11.43 ± 0.93
30
25
20
15
10
5
0
0
50
100
150
200
ADC-ped


Pres2(a) 12QD01 , inclusive ADC
a12QD01
Entries 657168
Mean 19.35
RMS 41.13
Integral 6.287e+05
χ² / ndf 1264 / 2
Constant 2.41e+05 ± 458
Mean 0.3392 ± 0.0011
Sigma 0.7165 ± 0.0008
ADC-ped


Pres2(d) 12QD01 , ADC, tag: UxV 2*thr
d12QD01
Entries 387
Mean 42.19
RMS 38.87
Integral 383
χ² / ndf 69.6 / 64
ampl-G 41.63 ± 5.97
const-L 45.56 ± 4.40
MPV-L 27.61 ± 2.11
sig-L 13.11 ± 1.38
ADC-ped


Pres2(a) 12QE01 , inclusive ADC
a12QE01
Entries 657168
Mean 12.4
RMS 29.65
Integral 6.522e+05
χ² / ndf 3140 / 2
Constant 2.605e+05 ± 485
Mean 0.3328 ± 0.0011
Sigma 0.7034 ± 0.0008
ADC-ped


Pres2(d) 12QE01 , ADC, tag: UxV 2*thr
d12QE01
Entries 361
Mean 25.15
RMS 28.67
Integral 361
χ² / ndf 28.39 / 49
ampl-G 33.37 ± 6.66
const-L 88.95 ± 8.34
MPV-L 13.36 ± 1.51
sig-L 6.81 ± 0.71
ADC-ped