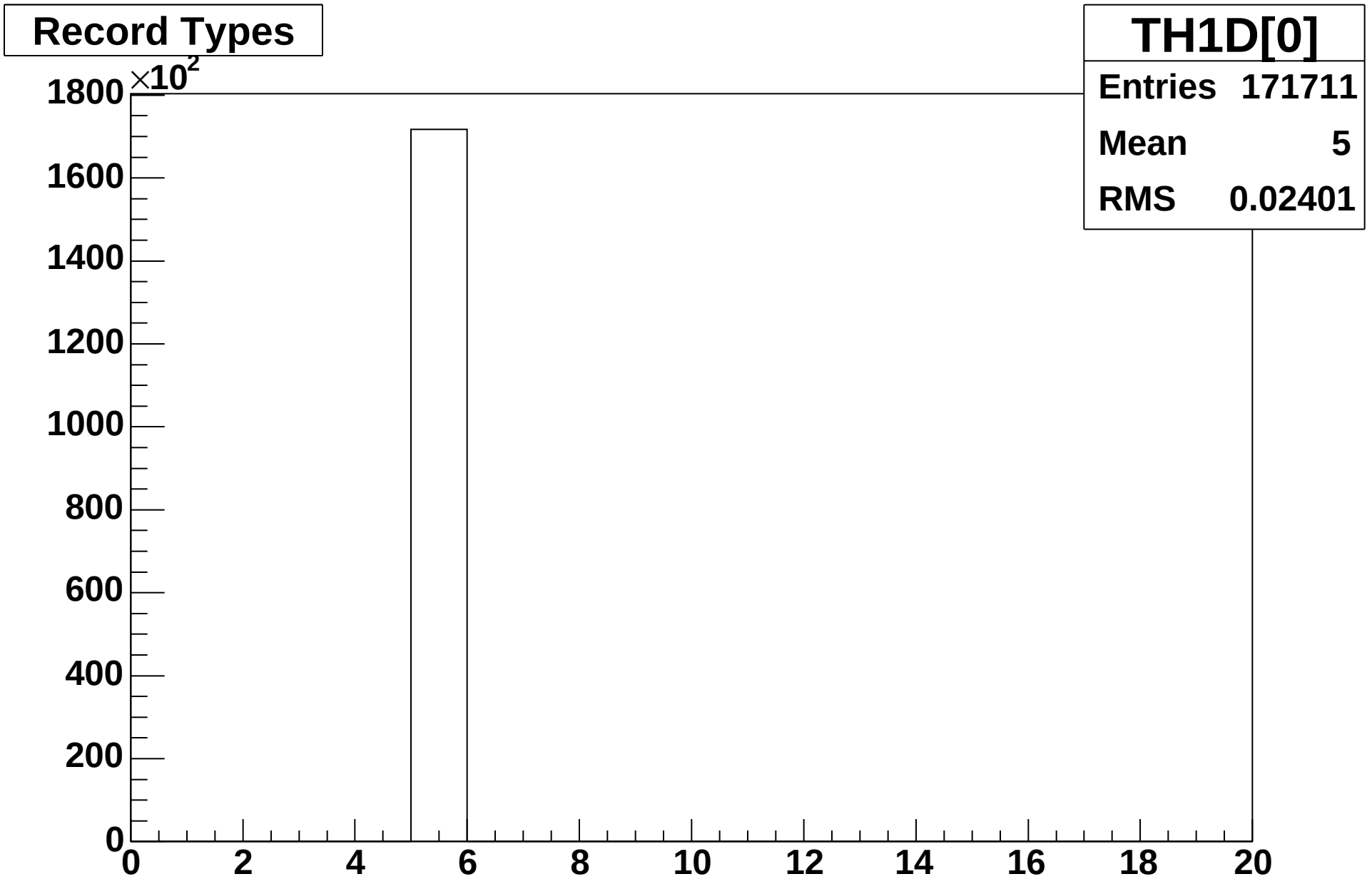
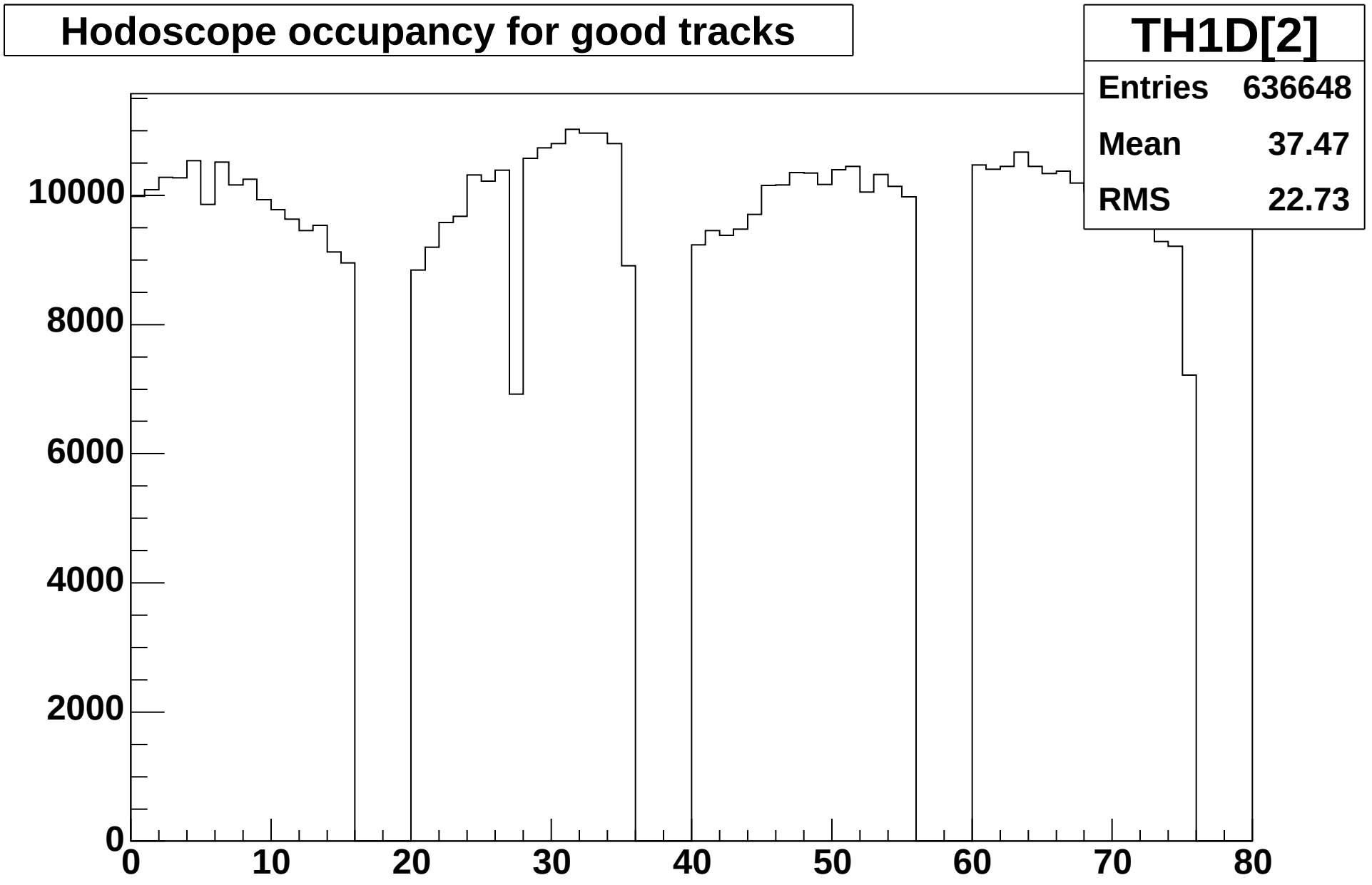
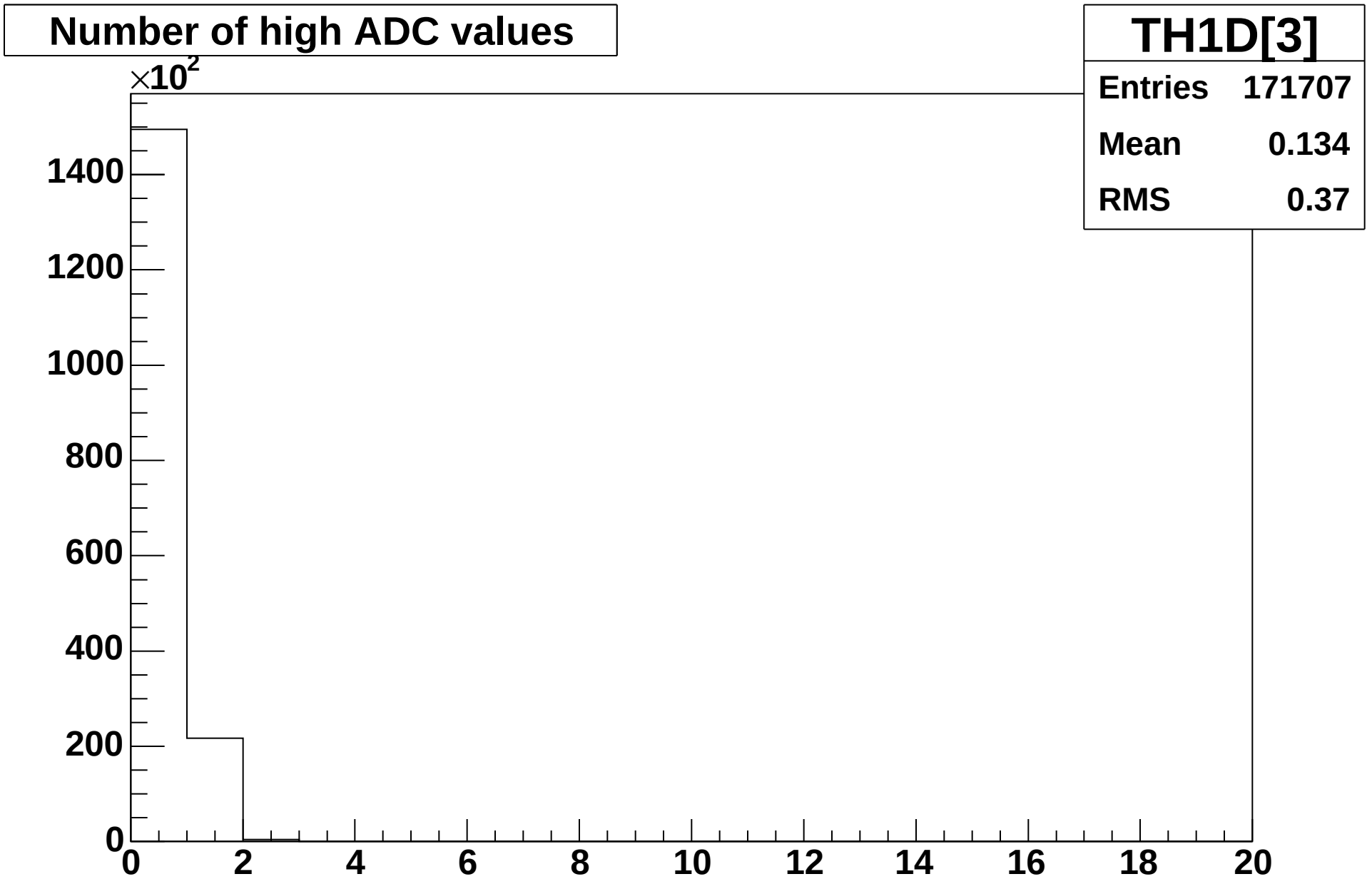
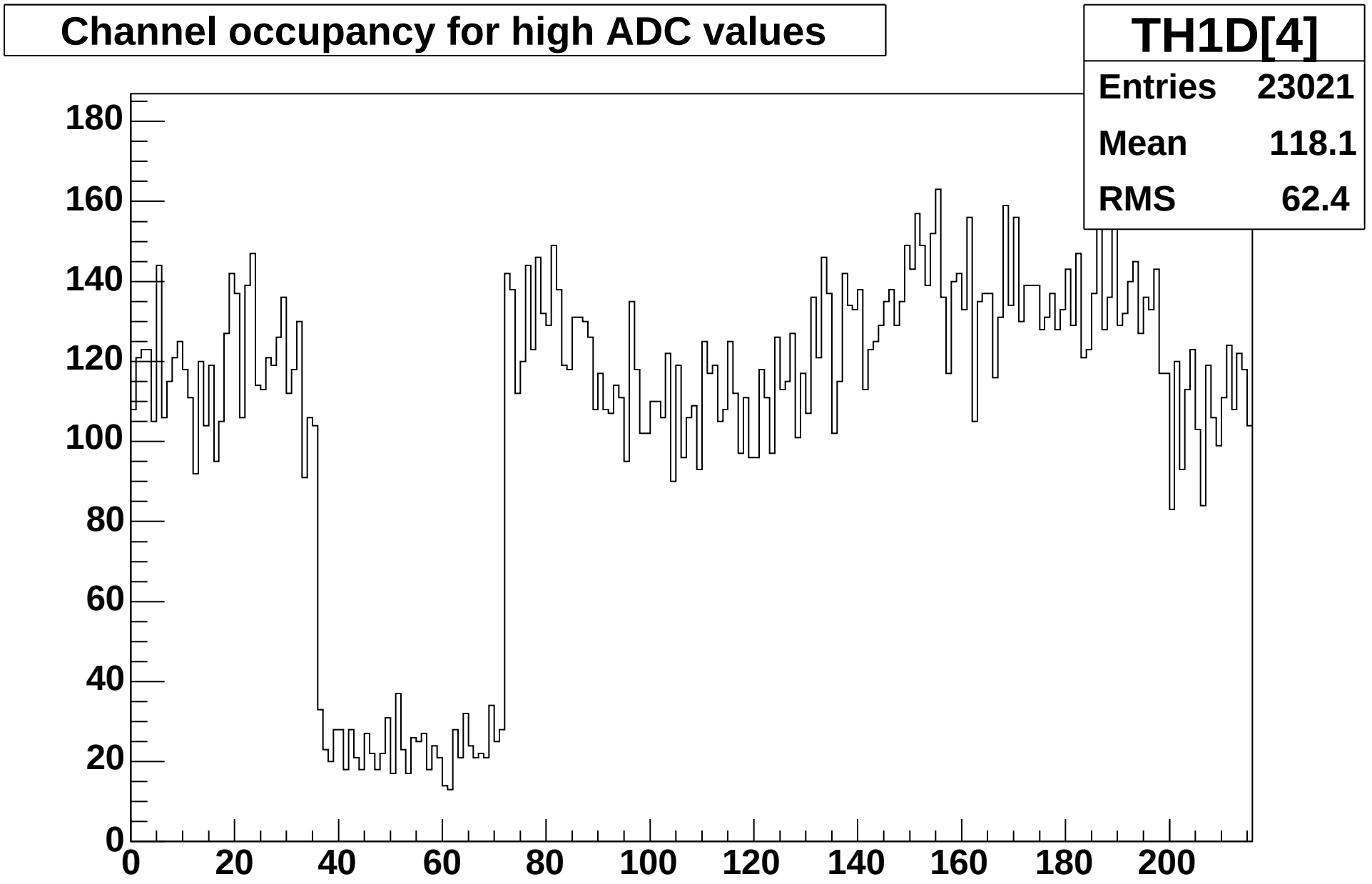
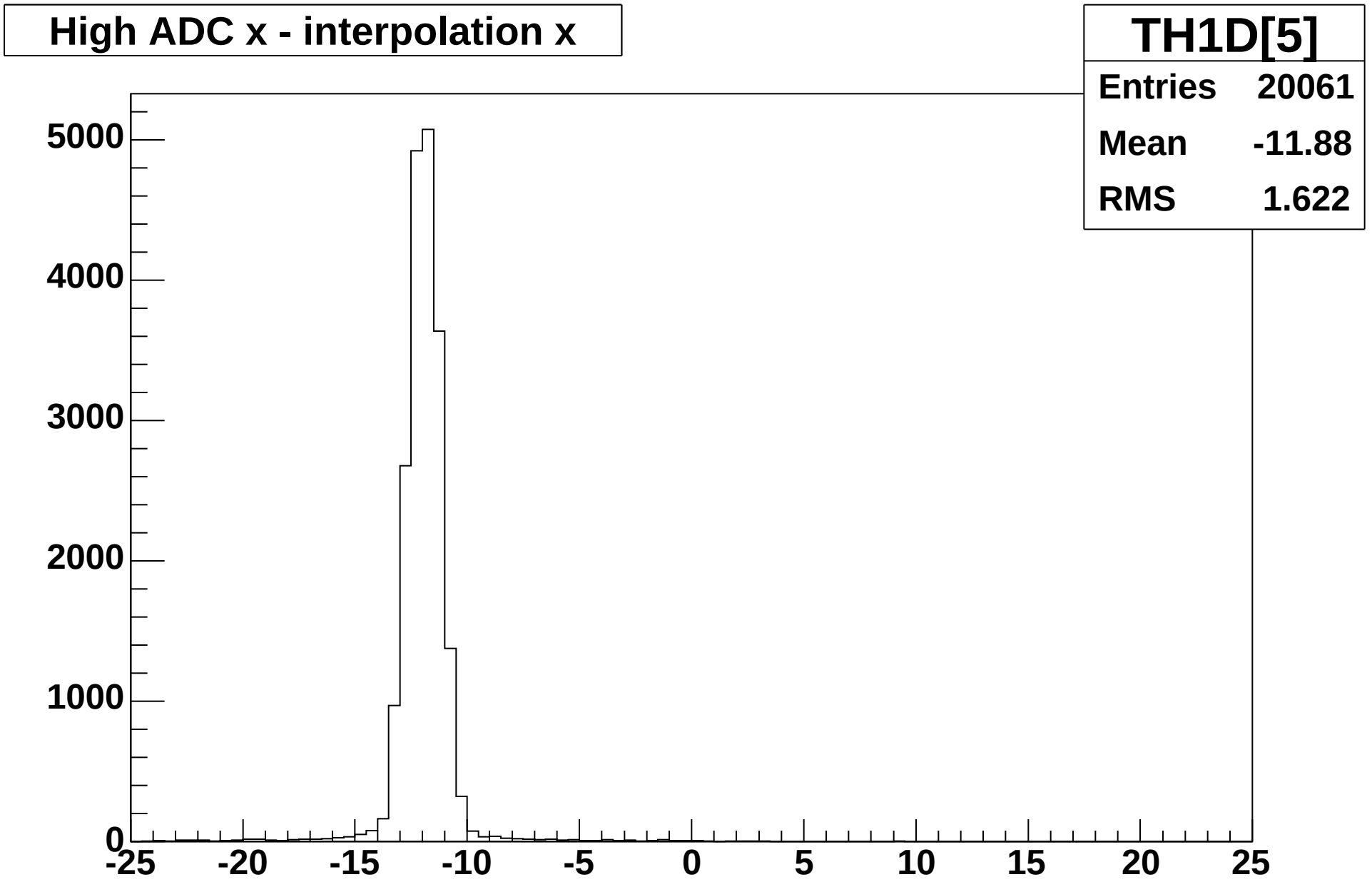

Record Types
TH1D[0]
Entries 171711
Mean 5
RMS 0.02401
×10²
1800
1600
1400
1200
1000
800
600
400
200
0
0
2
4
6
8
10
12
14
16
18
20

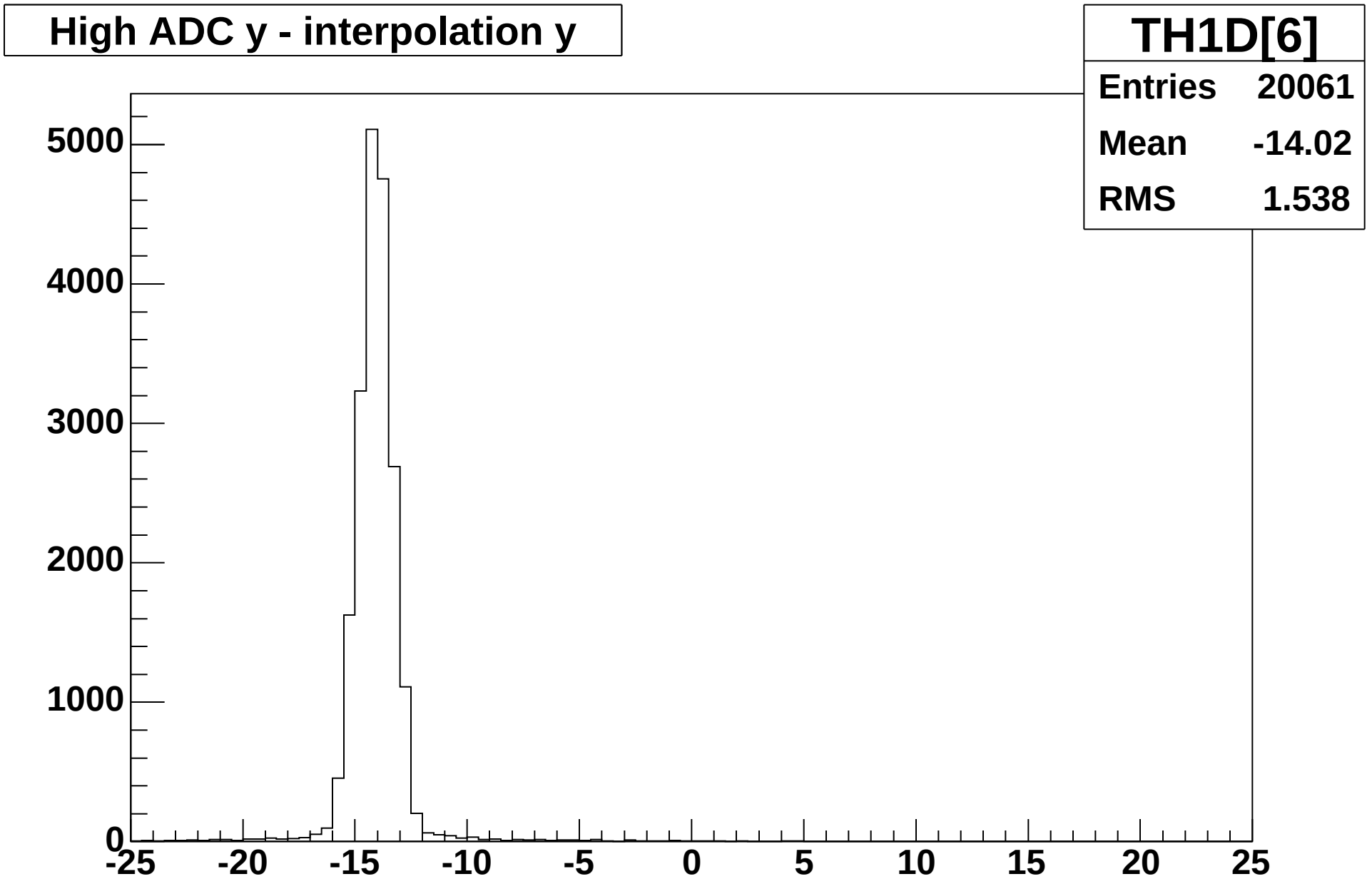

Hodoscope occupancy
TH1D[1]
Entries 845097
Mean 37.68
RMS 22.72
14000
12000
10000
8000
6000
4000
2000
0
0
10
20
30
40
50
60
70
80

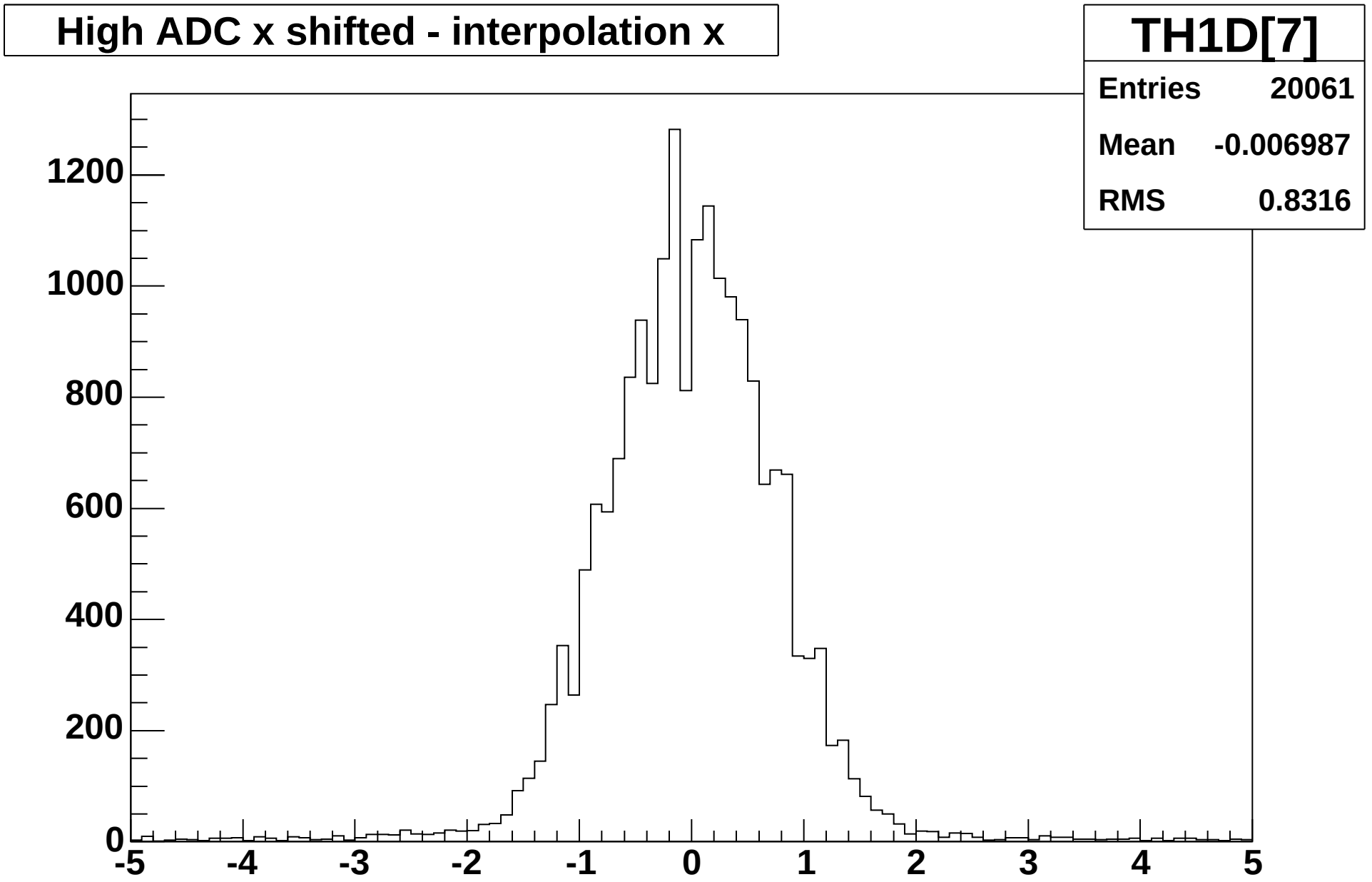

Hodoscope occupancy for good tracks
TH1D[2]
Entries 636648
Mean 37.47
RMS 22.73
10000
8000
6000
4000
2000
0
0
10
20
30
40
50
60
70
80

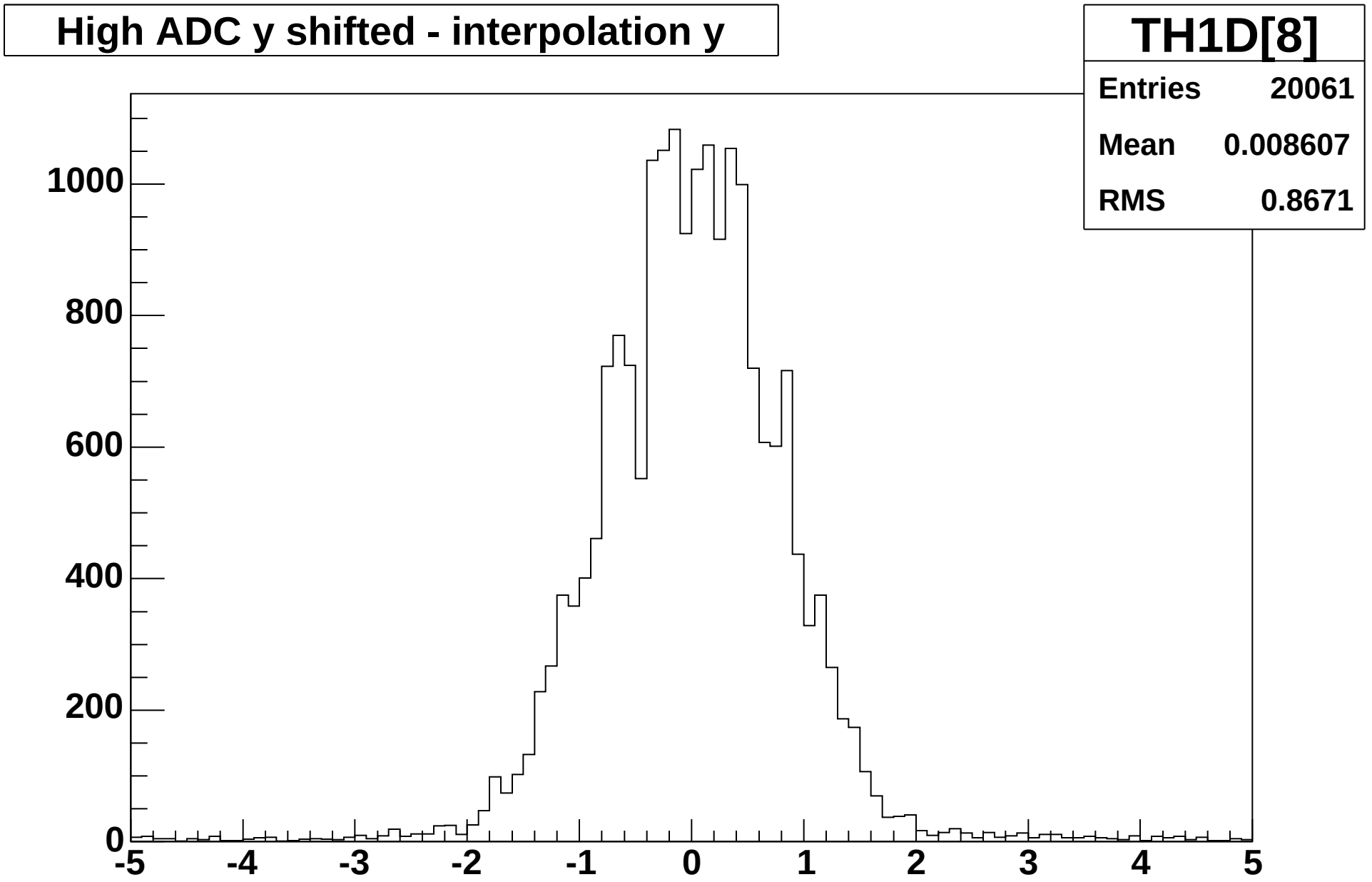

Number of high ADC values
TH1D[3]
Entries 171707
Mean 0.134
RMS 0.37
×10²
1400
1200
1000
800
600
400
200
0
0
2
4
6
8
10
12
14
16
18
20

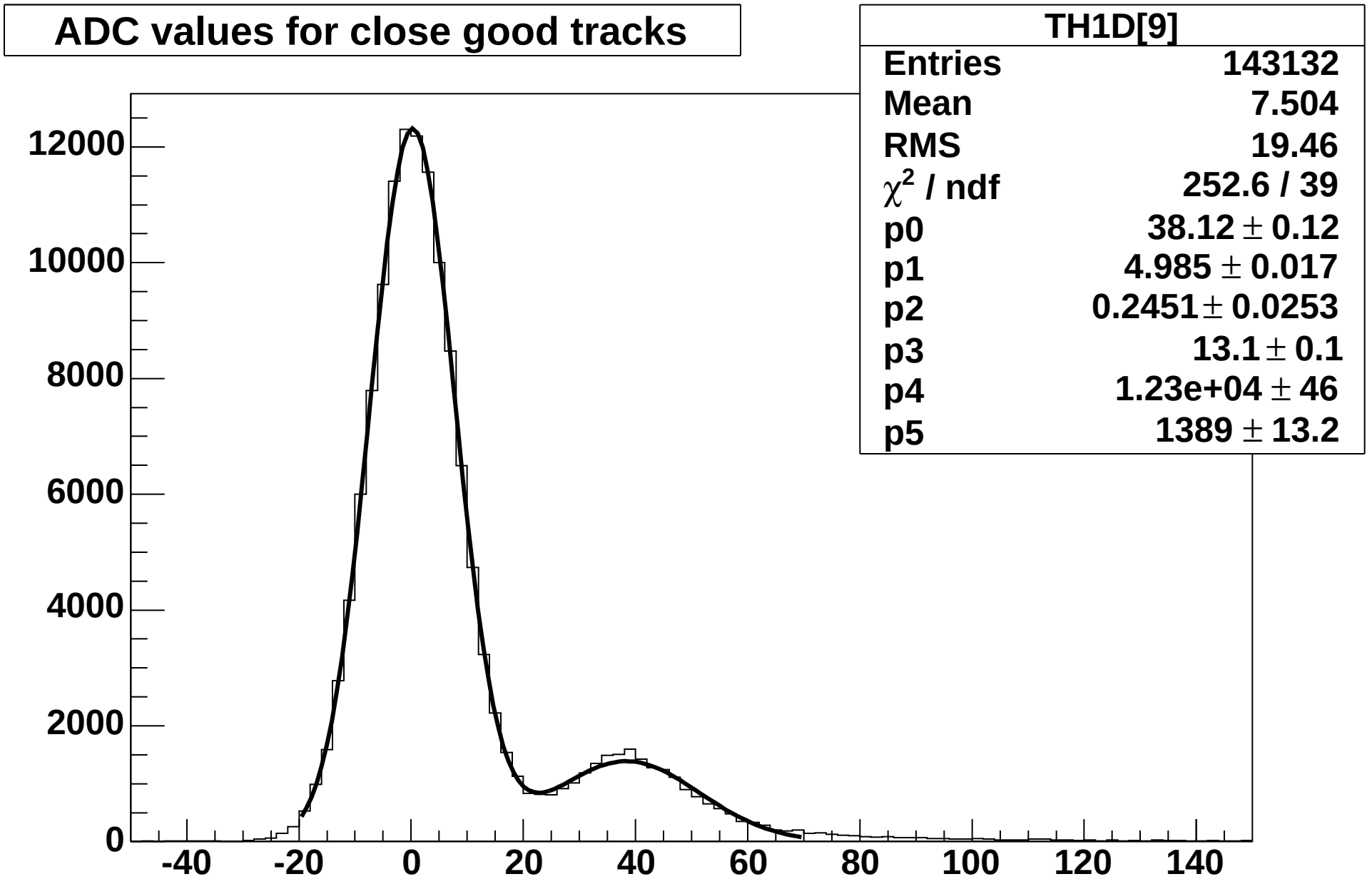

Channel occupancy for high ADC values
TH1D[4]
Entries 23021
Mean 118.1
RMS 62.4
180
160
140
120
100
80
60
40
20
0
0
20
40
60
80
100
120
140
160
180
200

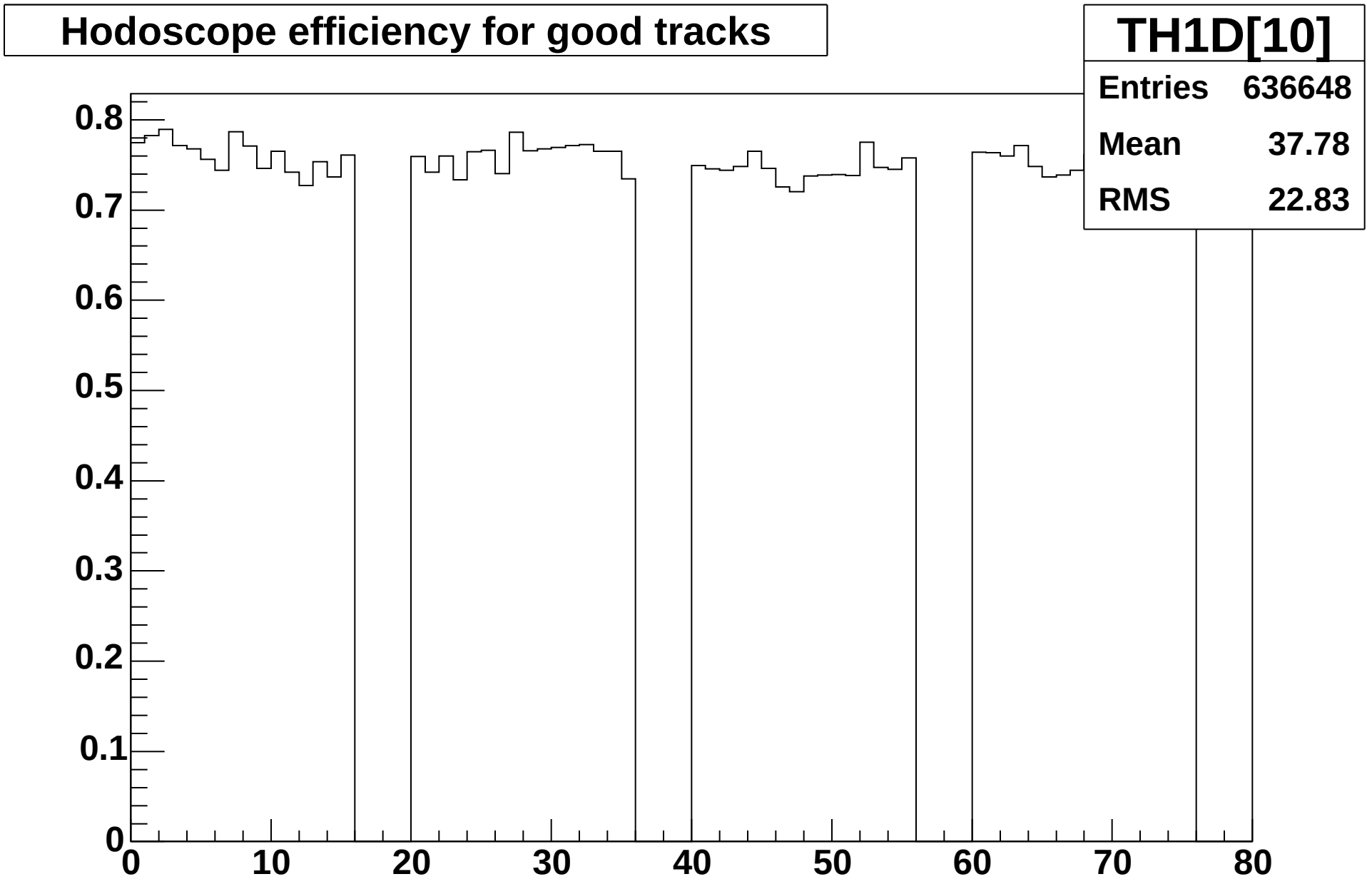

High ADC x - interpolation x
TH1D[5]
Entries 20061
Mean -11.88
RMS 1.622
5000
4000
3000
2000
1000
0
-25
-20
-15
-10
-5
0
5
10
15
20
25


High ADC y - interpolation y
TH1D[6]
Entries 20061
Mean -14.02
RMS 1.538
5000
4000
3000
2000
1000
0
-25
-20
-15
-10
-5
0
5
10
15
20
25

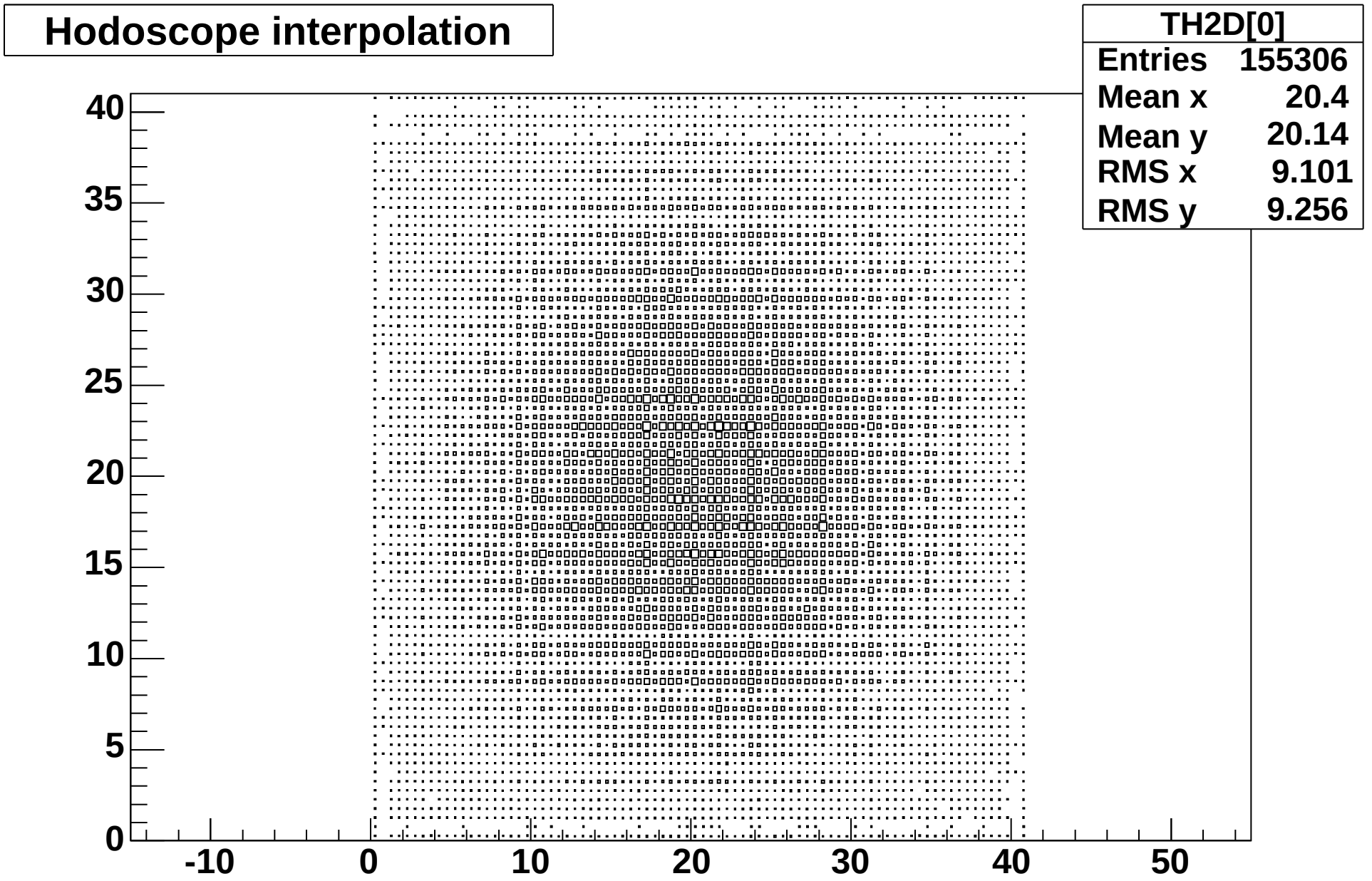

High ADC x shifted - interpolation x
TH1D[7]
Entries 20061
Mean -0.006987
RMS 0.8316
1200
1000
800
600
400
200
0
-5
-4
-3
-2
-1
0
1
2
3
4
5


High ADC y shifted - interpolation y
TH1D[8]
Entries 20061
Mean 0.008607
RMS 0.8671
1000
800
600
400
200
0
-5
-4
-3
-2
-1
0
1
2
3
4
5

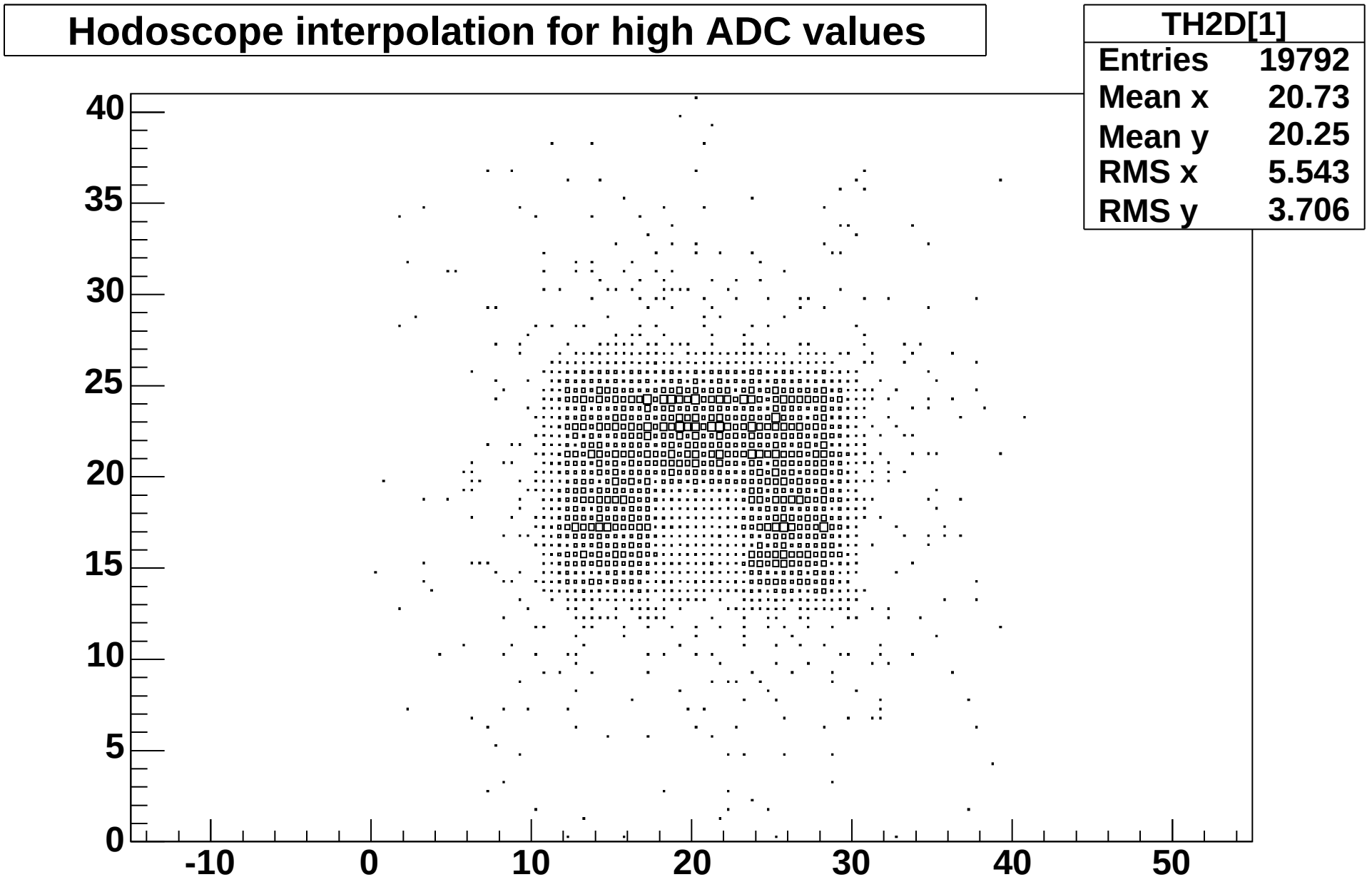

ADC values for close good tracks
TH1D[9]
Entries 143132
Mean 7.504
RMS 19.46
χ² / ndf 252.6 / 39
p0 38.12 ± 0.12
p1 4.985 ± 0.017
p2 0.2451 ± 0.0253
p3 13.1 ± 0.1
p4 1.23e+04 ± 46
p5 1389 ± 13.2
12000
10000
8000
6000
4000
2000
0
-40
-20
0
20
40
60
80
100
120
140

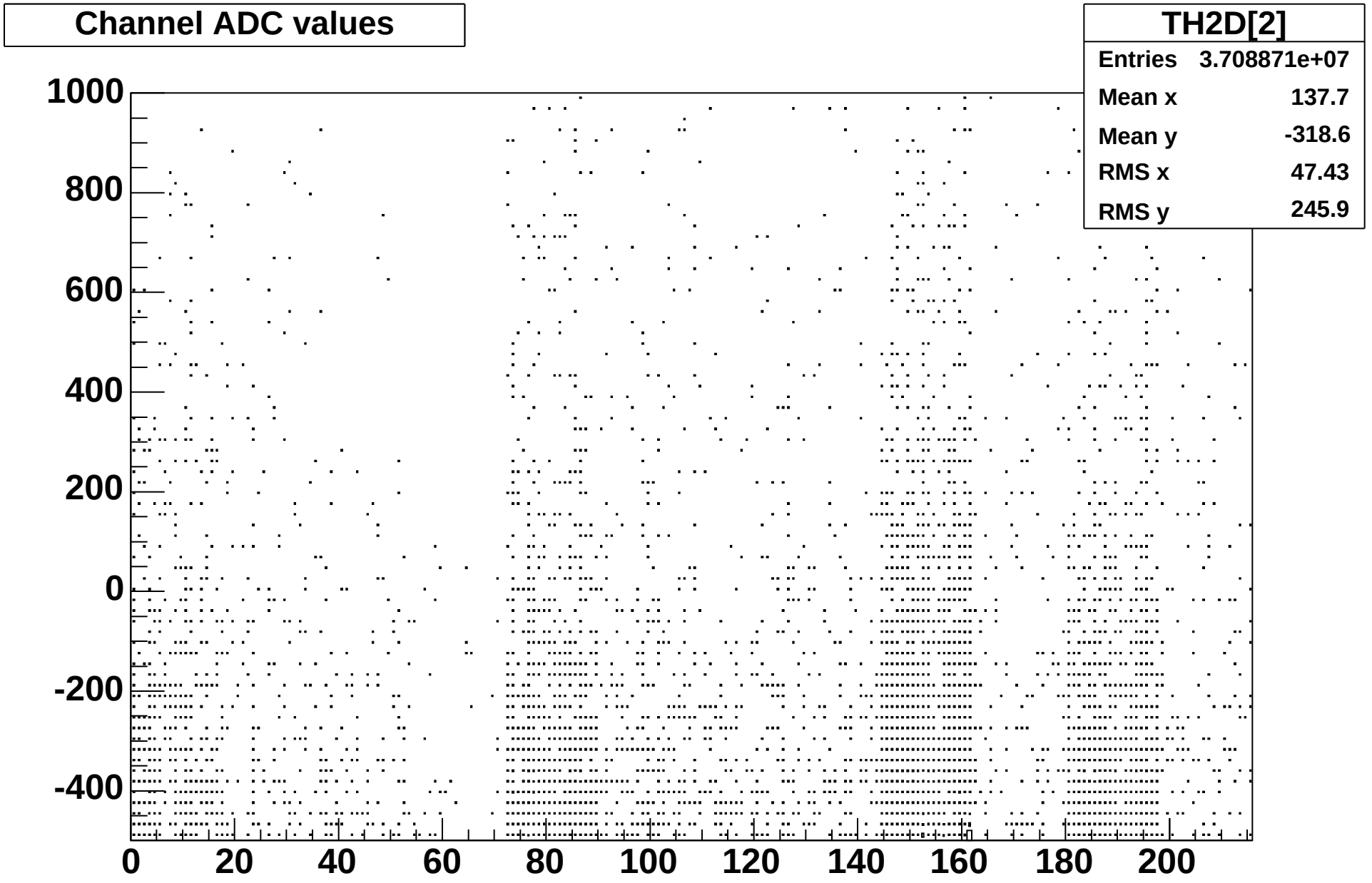

Hodoscope efficiency for good tracks
TH1D[10]
Entries 636648
Mean 37.78
RMS 22.83
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
10
20
30
40
50
60
70
80

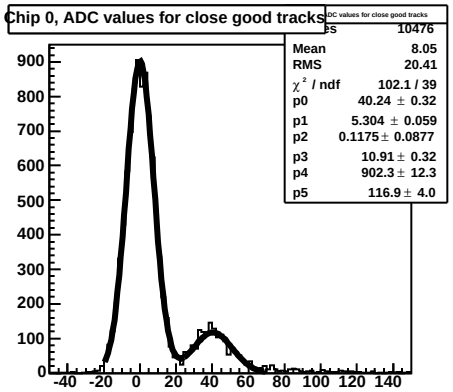
Hodoscope interpolation

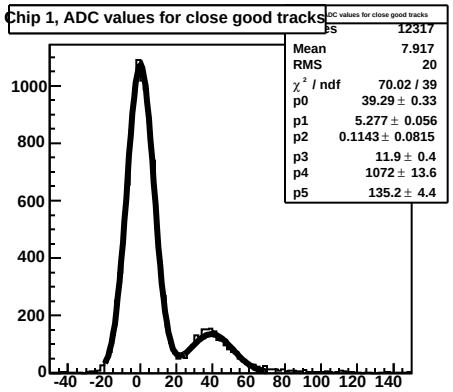


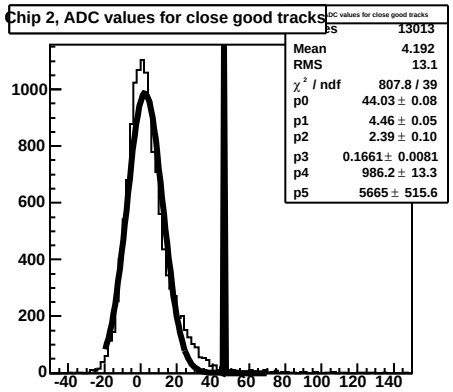
Hodoscope interpolation for high ADC values

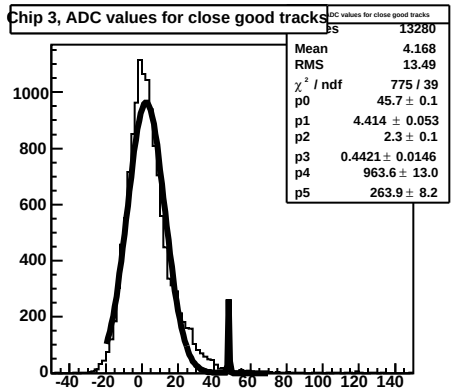


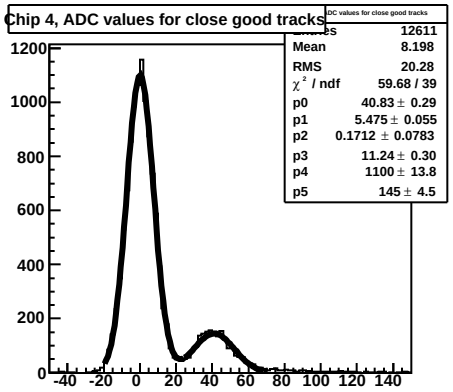

Channel ADC values
TH2D[2]
Entries 3.708871e+07
Mean x 137.7
Mean y -318.6
RMS x 47.43
RMS y 245.9
1000
800
600
400
200
0
-200
-400
0
20
40
60
80
100
120
140
160
180
200

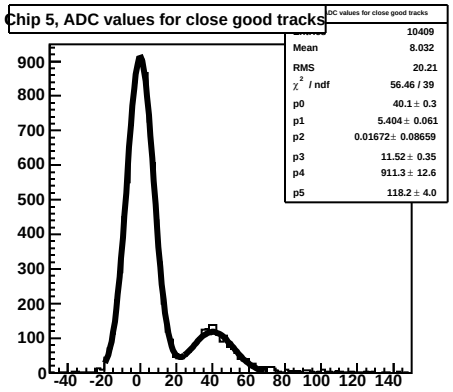

Chip 0, ADC values for close good tracks
Mean 8.05
RMS 20.41
χ² / ndf 102.1 / 39
p0 40.24 ± 0.32
p1 5.304 ± 0.059
p2 0.1175 ± 0.0877
p3 10.91 ± 0.32
p4 902.3 ± 12.3
p5 116.9 ± 4.0

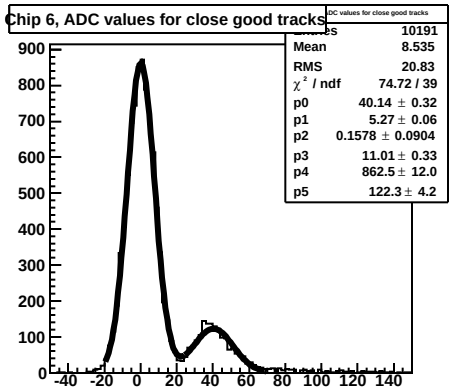

Chip 1, ADC values for close good tracks
Mean 7.917
RMS 20
χ² / ndf 70.02 / 39
p0 39.29 ± 0.33
p1 5.277 ± 0.056
p2 0.1143 ± 0.0815
p3 11.9 ± 0.4
p4 1072 ± 13.6
p5 135.2 ± 4.4

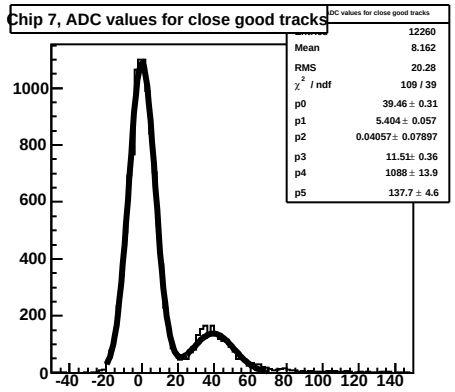

Chip 2, ADC values for close good tracks
Mean 4.192
RMS 13.1
χ² / ndf 807.8 / 39
p0 44.03 ± 0.08
p1 4.46 ± 0.05
p2 2.39 ± 0.10
p3 0.1661 ± 0.0081
p4 986.2 ± 13.3
p5 5665 ± 515.6

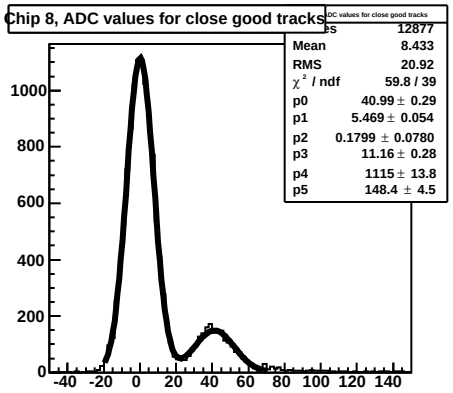

Chip 3, ADC values for close good tracks
Mean 4.168
RMS 13.49
χ² / ndf 775 / 39
p0 45.7 ± 0.1
p1 4.414 ± 0.053
p2 2.3 ± 0.1
p3 0.4421 ± 0.0146
p4 963.6 ± 13.0
p5 263.9 ± 8.2

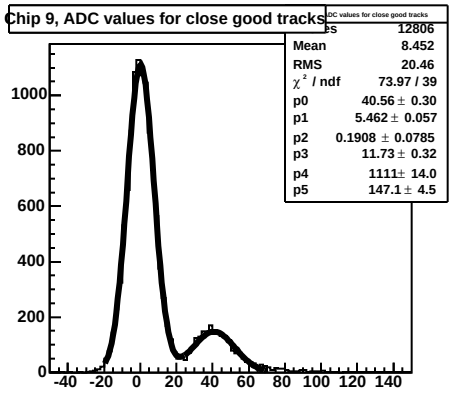

Chip 4, ADC values for close good tracks
Mean 8.198
RMS 20.28
χ² / ndf 59.68 / 39
p0 40.83 ± 0.29
p1 5.475 ± 0.055
p2 0.1712 ± 0.0783
p3 11.24 ± 0.30
p4 1100 ± 13.8
p5 145 ± 4.5

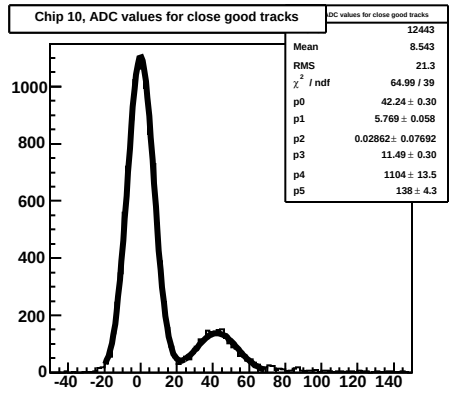

Chip 5, ADC values for close good tracks
Mean 8.032
RMS 20.21
χ² / ndf 56.46 / 39
p0 40.1 ± 0.3
p1 5.404 ± 0.061
p2 0.01672 ± 0.08659
p3 11.52 ± 0.35
p4 911.3 ± 12.6
p5 118.2 ± 4.0

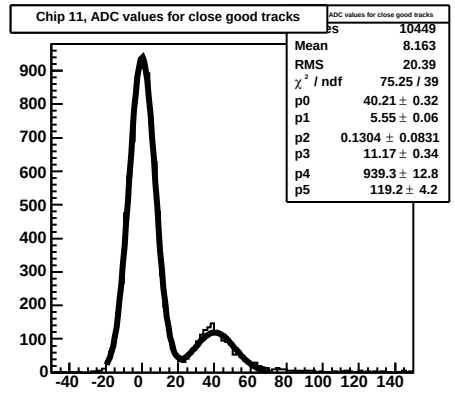

Chip 6, ADC values for close good tracks
Mean 8.535
RMS 20.83
χ² / ndf 74.72 / 39
p0 40.14 ± 0.32
p1 5.27 ± 0.06
p2 0.1578 ± 0.0904
p3 11.01 ± 0.33
p4 862.5 ± 12.0
p5 122.3 ± 4.2

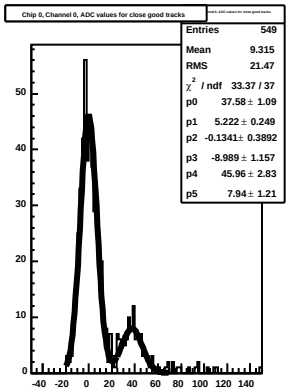

Chip 7, ADC values for close good tracks
Mean 8.162
RMS 20.28
χ² / ndf 109 / 39
p0 39.46 ± 0.31
p1 5.404 ± 0.057
p2 0.04057 ± 0.07897
p3 11.51 ± 0.36
p4 1088 ± 13.9
p5 137.7 ± 4.6

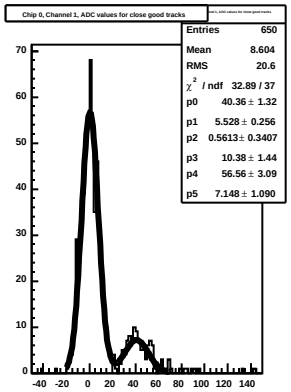

Chip 8, ADC values for close good tracks
Mean 8.433
RMS 20.92
χ² / ndf 59.8 / 39
p0 40.99 ± 0.29
p1 5.469 ± 0.054
p2 0.1799 ± 0.0780
p3 11.16 ± 0.28
p4 1115 ± 13.8
p5 148.4 ± 4.5

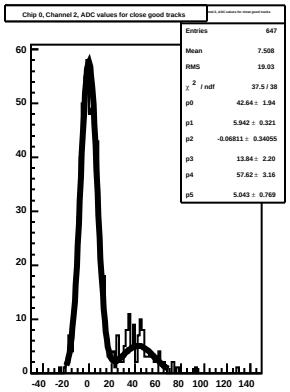

Chip 9, ADC values for close good tracks
Mean 8.452
RMS 20.46
χ² / ndf 73.97 / 39
p0 40.56 ± 0.30
p1 5.462 ± 0.057
p2 0.1908 ± 0.0785
p3 11.73 ± 0.32
p4 1111 ± 14.0
p5 147.1 ± 4.5

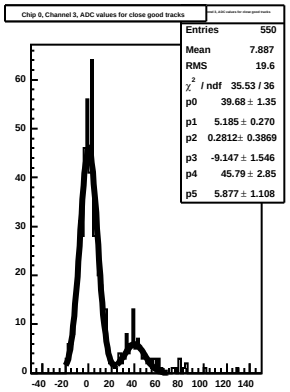

Chip 10, ADC values for close good tracks
Mean 8.543
RMS 21.3
χ² / ndf 64.99 / 39
p0 42.24 ± 0.30
p1 5.769 ± 0.058
p2 0.02862 ± 0.07692
p3 11.49 ± 0.30
p4 1104 ± 13.5
p5 138 ± 4.3

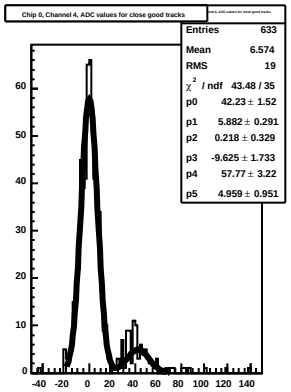

Chip 11, ADC values for close good tracks
Mean 8.163
RMS 20.39
χ² / ndf 75.25 / 39
p0 40.21 ± 0.32
p1 5.55 ± 0.06
p2 0.1304 ± 0.0831
p3 11.17 ± 0.34
p4 939.3 ± 12.8
p5 119.2 ± 4.2

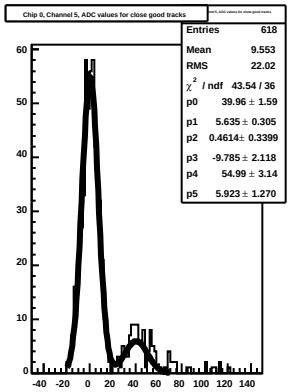

Chip 0, Channel 0, ADC values for close good tracks
Entries 549
Mean 9.315
RMS 21.47
χ² / ndf 33.37 / 37
p0 37.58 ± 1.09
p1 5.222 ± 0.249
p2 -0.1341 ± 0.3892
p3 -8.989 ± 1.157
p4 45.96 ± 2.83
p5 7.94 ± 1.21

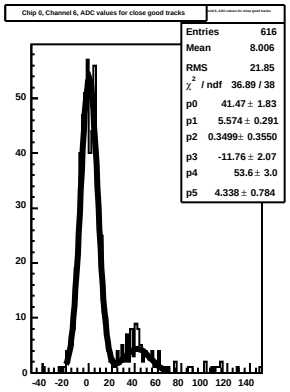

Chip 0, Channel 1, ADC values for close good tracks
Entries 650
Mean 8.604
RMS 20.6
χ² / ndf 32.89 / 37
p0 40.36 ± 1.32
p1 5.528 ± 0.256
p2 0.5613 ± 0.3407
p3 10.38 ± 1.44
p4 56.56 ± 3.09
p5 7.148 ± 1.090

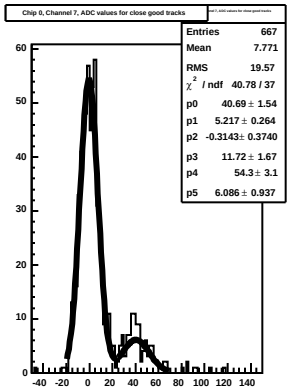

Chip 0, Channel 2, ADC values for close good tracks
Entries 647
Mean 7.508
RMS 19.03
χ² / ndf 37.5 / 38
p0 42.64 ± 1.94
p1 5.942 ± 0.321
p2 -0.06811 ± 0.34055
p3 13.84 ± 2.20
p4 57.62 ± 3.16
p5 5.043 ± 0.769

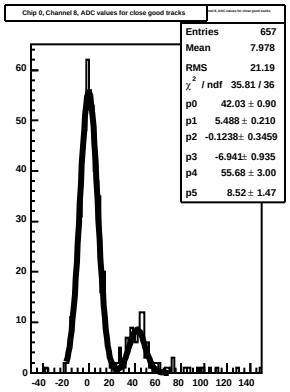

Chip 0, Channel 3, ADC values for close good tracks
Entries 550
Mean 7.887
RMS 19.6
χ² / ndf 35.53 / 36
p0 39.68 ± 1.35
p1 5.185 ± 0.270
p2 0.2812 ± 0.3869
p3 -9.147 ± 1.546
p4 45.79 ± 2.85
p5 5.877 ± 1.108

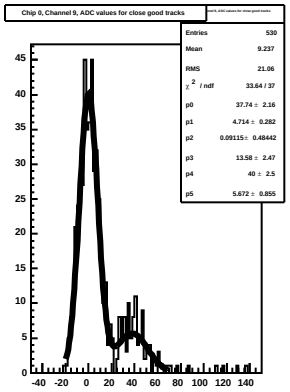

Chip 0, Channel 4, ADC values for close good tracks
Entries 633
Mean 6.574
RMS 19
χ² / ndf 43.48 / 35
p0 42.23 ± 1.52
p1 5.882 ± 0.291
p2 0.218 ± 0.329
p3 -9.625 ± 1.733
p4 57.77 ± 3.22
p5 4.959 ± 0.951

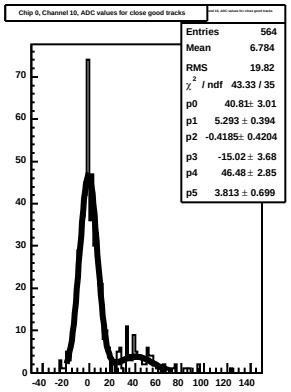

Chip 0, Channel 5, ADC values for close good tracks
Entries 618
Mean 9.553
RMS 22.02
χ² / ndf 43.54 / 36
p0 39.96 ± 1.59
p1 5.635 ± 0.305
p2 0.4614 ± 0.3399
p3 -9.785 ± 2.118
p4 54.99 ± 3.14
p5 5.923 ± 1.270

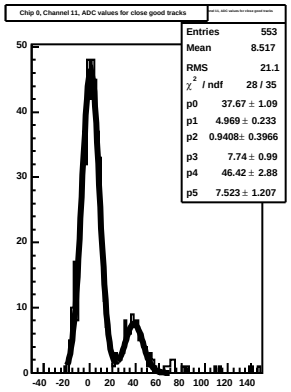

Chip 0, Channel 6, ADC values for close good tracks
Entries 616
Mean 8.006
RMS 21.85
χ² / ndf 36.89 / 38
p0 41.47 ± 1.83
p1 5.574 ± 0.291
p2 0.3499 ± 0.3550
p3 -11.76 ± 2.07
p4 53.6 ± 3.0
p5 4.338 ± 0.784

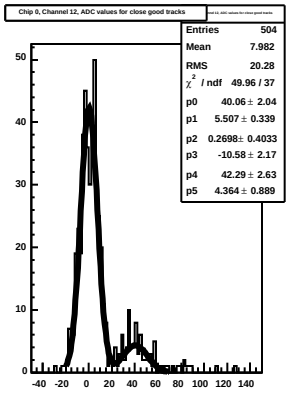

Chip 0, Channel 7, ADC values for close good tracks
Entries 667
Mean 7.771
RMS 19.57
χ² / ndf 40.78 / 37
p0 40.69 ± 1.54
p1 5.217 ± 0.264
p2 -0.3143 ± 0.3740
p3 11.72 ± 1.67
p4 54.3 ± 3.1
p5 6.086 ± 0.937

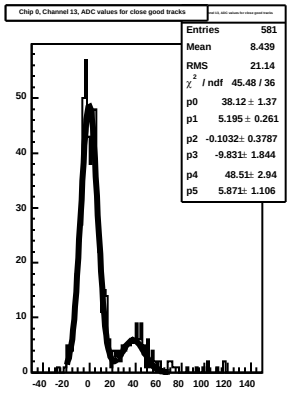

Chip 0, Channel 8, ADC values for close good tracks
Entries 657
Mean 7.978
RMS 21.19
χ² / ndf 35.81 / 36
p0 42.03 ± 0.90
p1 5.488 ± 0.210
p2 -0.1238 ± 0.3459
p3 -6.941 ± 0.935
p4 55.68 ± 3.00
p5 8.52 ± 1.47

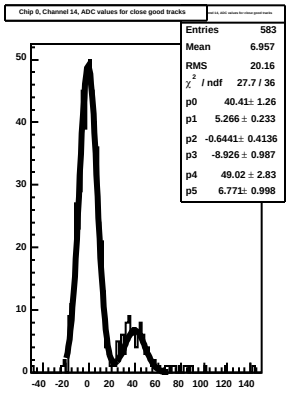

Chip 0, Channel 9, ADC values for close good tracks
Entries 530
Mean 9.237
RMS 21.06
χ² / ndf 33.64 / 37
p0 37.74 ± 2.16
p1 4.714 ± 0.282
p2 0.09115 ± 0.48442
p3 13.58 ± 2.47
p4 40 ± 2.5
p5 5.672 ± 0.855

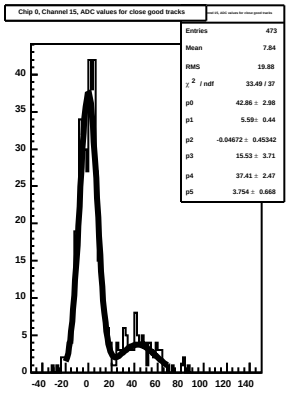

Chip 0, Channel 10, ADC values for close good tracks
Entries 564
Mean 6.784
RMS 19.82
χ² / ndf 43.33 / 35
p0 40.81 ± 3.01
p1 5.293 ± 0.394
p2 -0.4185 ± 0.4204
p3 -15.02 ± 3.68
p4 46.48 ± 2.85
p5 3.813 ± 0.699

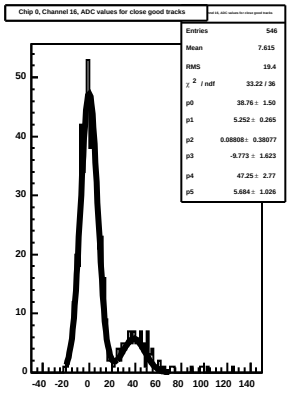

Chip 0, Channel 11, ADC values for close good tracks
Entries 553
Mean 8.517
RMS 21.1
χ² / ndf 28 / 35
p0 37.67 ± 1.09
p1 4.969 ± 0.233
p2 0.9408 ± 0.3966
p3 7.74 ± 0.99
p4 46.42 ± 2.88
p5 7.523 ± 1.207

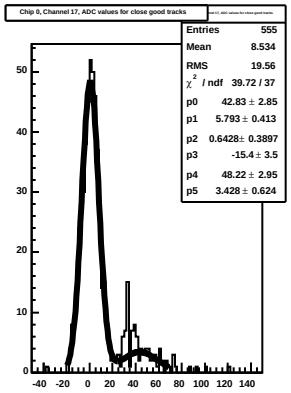

Chip 0, Channel 12, ADC values for close good tracks
Entries 504
Mean 7.982
RMS 20.28
χ² / ndf 49.96 / 37
p0 40.06 ± 2.04
p1 5.507 ± 0.339
p2 0.2698 ± 0.4033
p3 -10.58 ± 2.17
p4 42.29 ± 2.63
p5 4.364 ± 0.889

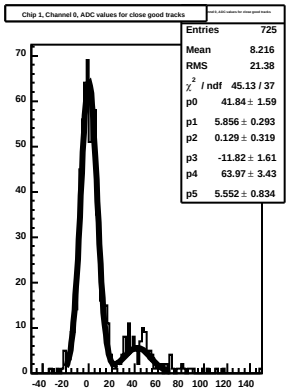

Chip 0, Channel 13, ADC values for close good tracks
Entries 581
Mean 8.439
RMS 21.14
χ² / ndf 45.48 / 36
p0 38.12 ± 1.37
p1 5.195 ± 0.261
p2 -0.1032 ± 0.3787
p3 -9.831 ± 1.844
p4 48.51 ± 2.94
p5 5.871 ± 1.106

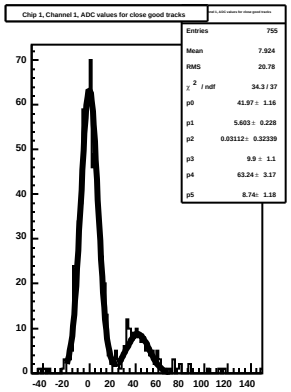

Chip 0, Channel 14, ADC values for close good tracks
Entries 583
Mean 6.957
RMS 20.16
χ² / ndf 27.7 / 36
p0 40.41 ± 1.26
p1 5.266 ± 0.233
p2 -0.6441 ± 0.4136
p3 -8.926 ± 0.987
p4 49.02 ± 2.83
p5 6.771 ± 0.998

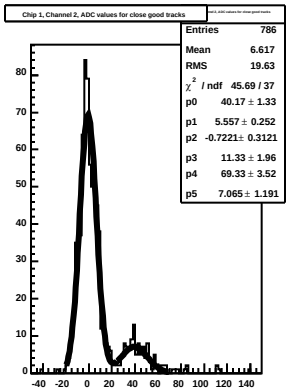

Chip 0, Channel 15, ADC values for close good tracks
Entries 473
Mean 7.84
RMS 19.88
χ² / ndf 33.49 / 37
p0 42.86 ± 2.98
p1 5.59 ± 0.44
p2 -0.04672 ± 0.45342
p3 15.53 ± 3.71
p4 37.41 ± 2.47
p5 3.754 ± 0.668

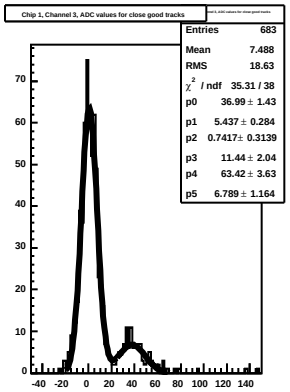

Chip 0, Channel 16, ADC values for close good tracks
Entries 546
Mean 7.615
RMS 19.4
χ² / ndf 33.22 / 36
p0 38.76 ± 1.50
p1 5.252 ± 0.265
p2 0.08808 ± 0.38077
p3 -9.773 ± 1.623
p4 47.25 ± 2.77
p5 5.684 ± 1.026

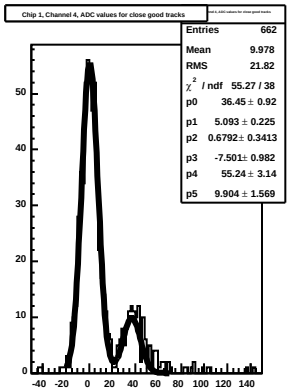

Chip 0, Channel 17, ADC values for close good tracks
Entries 555
Mean 8.534
RMS 19.56
χ² / ndf 39.72 / 37
p0 42.83 ± 2.85
p1 5.793 ± 0.413
p2 0.6428 ± 0.3897
p3 -15.4 ± 3.5
p4 48.22 ± 2.95
p5 3.428 ± 0.624

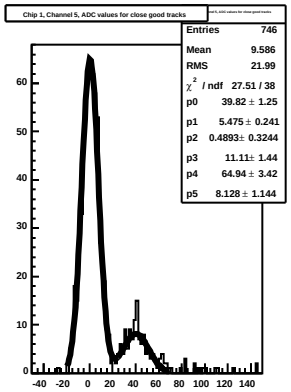

Chip 1, Channel 0, ADC values for close good tracks
Entries 725
Mean 8.216
RMS 21.38
χ² / ndf 45.13 / 37
p0 41.84 ± 1.59
p1 5.856 ± 0.293
p2 0.129 ± 0.319
p3 -11.82 ± 1.61
p4 63.97 ± 3.43
p5 5.552 ± 0.834

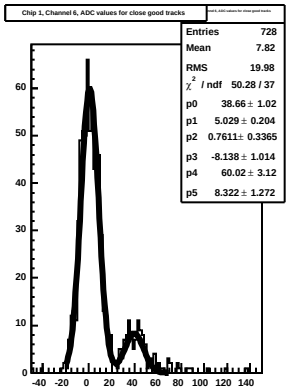

Chip 1, Channel 1, ADC values for close good tracks
Entries 755
Mean 7.924
RMS 20.78
χ² / ndf 34.3 / 37
p0 41.97 ± 1.16
p1 5.603 ± 0.228
p2 0.03112 ± 0.32339
p3 9.9 ± 1.1
p4 63.24 ± 3.17
p5 8.74± 1.18

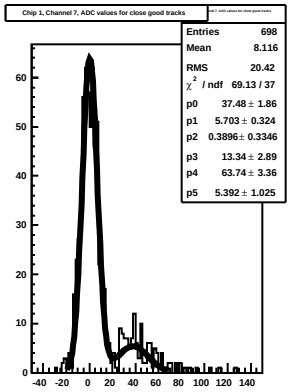

Chip 1, Channel 2, ADC values for close good tracks
Entries 786
Mean 6.617
RMS 19.63
χ² / ndf 45.69 / 37
p0 40.17 ± 1.33
p1 5.557 ± 0.252
p2 -0.7221± 0.3121
p3 11.33 ± 1.96
p4 69.33 ± 3.52
p5 7.065 ± 1.191

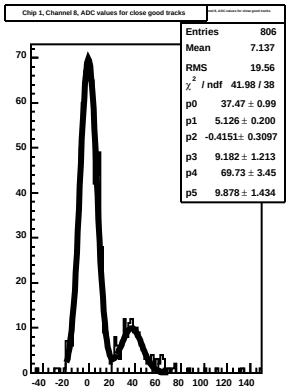

Chip 1, Channel 3, ADC values for close good tracks
Entries 683
Mean 7.488
RMS 18.63
χ² / ndf 35.31 / 38
p0 36.99 ± 1.43
p1 5.437 ± 0.284
p2 0.7417± 0.3139
p3 11.44 ± 2.04
p4 63.42 ± 3.63
p5 6.789 ± 1.164

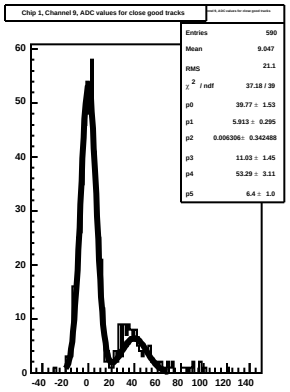

Chip 1, Channel 4, ADC values for close good tracks
Entries 662
Mean 9.978
RMS 21.82
χ² / ndf 55.27 / 38
p0 36.45 ± 0.92
p1 5.093 ± 0.225
p2 0.6792± 0.3413
p3 -7.501± 0.982
p4 55.24 ± 3.14
p5 9.904 ± 1.569

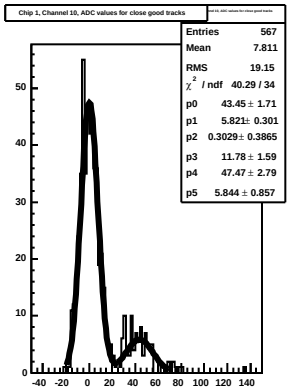

Chip 1, Channel 5, ADC values for close good tracks
Entries 746
Mean 9.586
RMS 21.99
χ² / ndf 27.51 / 38
p0 39.82 ± 1.25
p1 5.475 ± 0.241
p2 0.4893± 0.3244
p3 11.11± 1.44
p4 64.94 ± 3.42
p5 8.128 ± 1.144

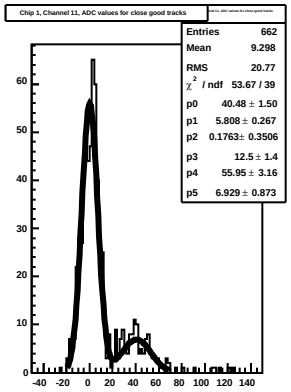

Chip 1, Channel 6, ADC values for close good tracks
Entries 728
Mean 7.82
RMS 19.98
χ² / ndf 50.28 / 37
p0 38.66 ± 1.02
p1 5.029 ± 0.204
p2 0.7611± 0.3365
p3 -8.138 ± 1.014
p4 60.02 ± 3.12
p5 8.322 ± 1.272

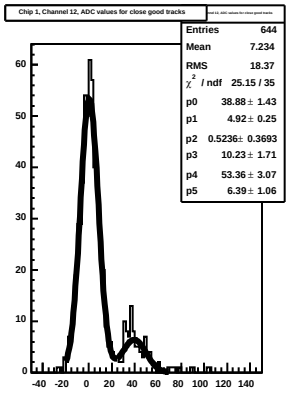

Chip 1, Channel 7, ADC values for close good tracks
Entries 698
Mean 8.116
RMS 20.42
χ² / ndf 69.13 / 37
p0 37.48 ± 1.86
p1 5.703 ± 0.324
p2 0.3896± 0.3346
p3 13.34 ± 2.89
p4 63.74 ± 3.36
p5 5.392 ± 1.025

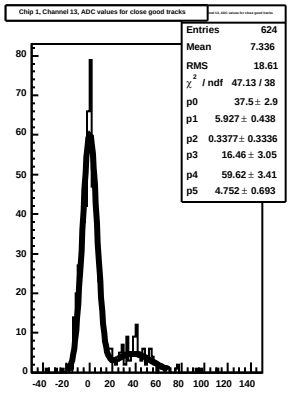

Chip 1, Channel 8, ADC values for close good tracks
Entries 806
Mean 7.137
RMS 19.56
χ² / ndf 41.98 / 38
p0 37.47 ± 0.99
p1 5.126 ± 0.200
p2 -0.4151± 0.3097
p3 9.182 ± 1.213
p4 69.73 ± 3.45
p5 9.878 ± 1.434

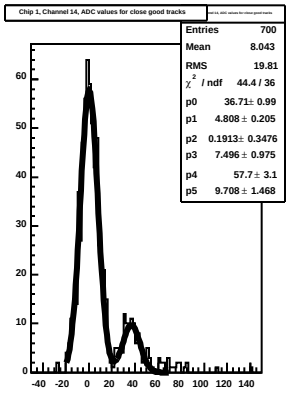

Chip 1, Channel 9, ADC values for close good tracks
Entries 590
Mean 9.047
RMS 21.1
χ² / ndf 37.18 / 39
p0 39.77 ± 1.53
p1 5.913 ± 0.295
p2 0.006306± 0.342488
p3 11.03 ± 1.45
p4 53.29 ± 3.11
p5 6.4 ± 1.0

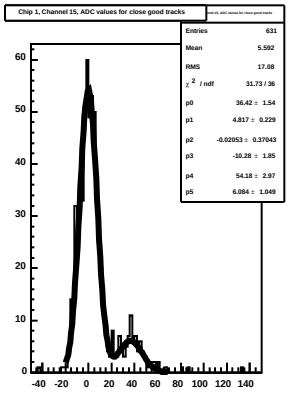

Chip 1, Channel 10, ADC values for close good tracks
Entries 567
Mean 7.811
RMS 19.15
χ² / ndf 40.29 / 34
p0 43.45 ± 1.71
p1 5.821± 0.301
p2 0.3029± 0.3865
p3 11.78 ± 1.59
p4 47.47 ± 2.79
p5 5.844 ± 0.857

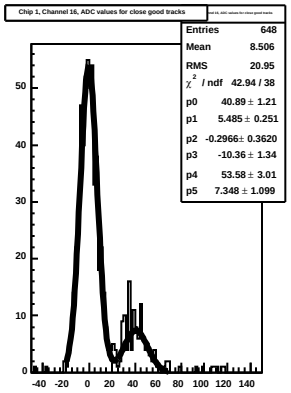

Chip 1, Channel 11, ADC values for close good tracks
Entries 662
Mean 9.298
RMS 20.77
χ² / ndf 53.67 / 39
p0 40.48 ± 1.50
p1 5.808 ± 0.267
p2 0.1763± 0.3506
p3 12.5 ± 1.4
p4 55.95 ± 3.16
p5 6.929 ± 0.873

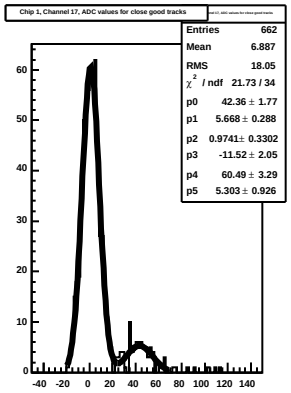

Chip 1, Channel 12, ADC values for close good tracks
Entries 644
Mean 7.234
RMS 18.37
χ² / ndf 25.15 / 35
p0 38.88 ± 1.43
p1 4.92 ± 0.25
p2 0.5236± 0.3693
p3 10.23 ± 1.71
p4 53.36 ± 3.07
p5 6.39 ± 1.06

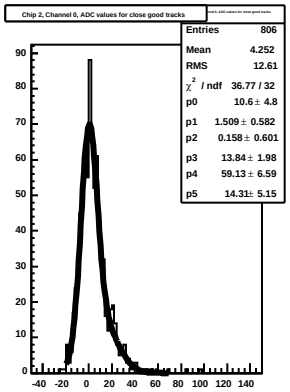

Chip 1, Channel 13, ADC values for close good tracks
Entries 624
Mean 7.336
RMS 18.61
χ² / ndf 47.13 / 38
p0 37.5 ± 2.9
p1 5.927 ± 0.438
p2 0.3377± 0.3336
p3 16.46 ± 3.05
p4 59.62 ± 3.41
p5 4.752 ± 0.693

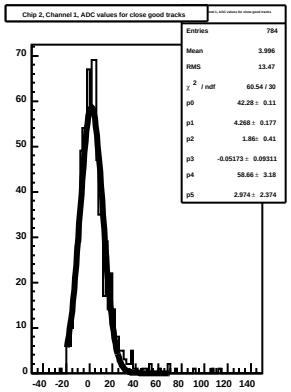

Chip 1, Channel 14, ADC values for close good tracks
Entries 700
Mean 8.043
RMS 19.81
χ² / ndf 44.4 / 36
p0 36.71± 0.99
p1 4.808 ± 0.205
p2 0.1913± 0.3476
p3 7.496 ± 0.975
p4 57.7 ± 3.1
p5 9.708 ± 1.468

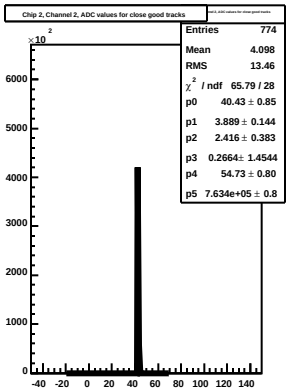

Chip 1, Channel 15, ADC values for close good tracks
Entries 631
Mean 5.592
RMS 17.08
χ² / ndf 31.73 / 36
p0 36.42 ± 1.54
p1 4.817 ± 0.229
p2 -0.02053 ± 0.37043
p3 -10.28 ± 1.85
p4 54.18 ± 2.97
p5 6.084 ± 1.049

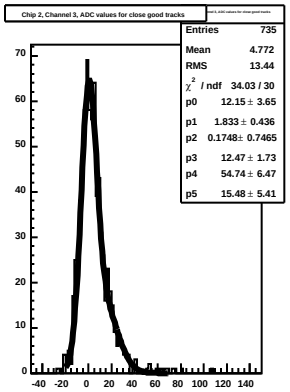

Chip 1, Channel 16, ADC values for close good tracks
Entries 648
Mean 8.506
RMS 20.95
χ² / ndf 42.94 / 38
p0 40.89 ± 1.21
p1 5.485 ± 0.251
p2 -0.2966± 0.3620
p3 -10.36 ± 1.34
p4 53.58 ± 3.01
p5 7.348 ± 1.099

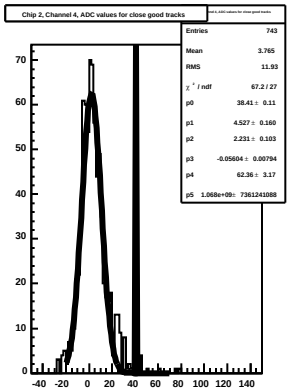

Chip 1, Channel 17, ADC values for close good tracks
Entries 662
Mean 6.887
RMS 18.05
χ² / ndf 21.73 / 34
p0 42.36 ± 1.77
p1 5.668 ± 0.288
p2 0.9741± 0.3302
p3 -11.52 ± 2.05
p4 60.49 ± 3.29
p5 5.303 ± 0.926

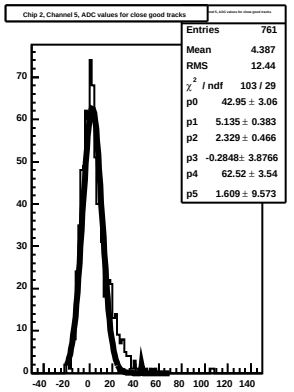

Chip 2, Channel 0, ADC values for close good tracks
Entries 806
Mean 4.252
RMS 12.61
χ² / ndf 36.77 / 32
p0 10.6 ± 4.8
p1 1.509 ± 0.582
p2 0.158 ± 0.601
p3 13.84 ± 1.98
p4 59.13 ± 6.59
p5 14.31 ± 5.15

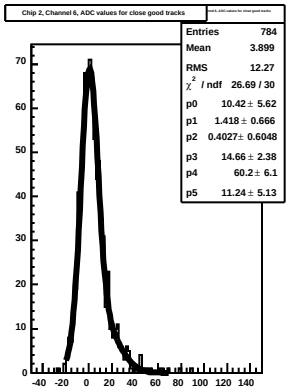

Chip 2, Channel 1, ADC values for close good tracks
Entries 784
Mean 3.996
RMS 13.47
χ² / ndf 60.54 / 30
p0 42.28 ± 0.11
p1 4.268 ± 0.177
p2 1.86 ± 0.41
p3 -0.05173 ± 0.09311
p4 58.66 ± 3.18
p5 2.974 ± 2.374

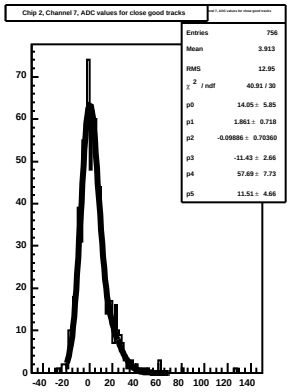

Chip 2, Channel 2, ADC values for close good tracks
×10²
Entries 774
Mean 4.098
RMS 13.46
χ² / ndf 65.79 / 28
p0 40.43 ± 0.85
p1 3.889 ± 0.144
p2 2.416 ± 0.383
p3 0.2664 ± 1.4544
p4 54.73 ± 0.80
p5 7.634e+05 ± 0.8

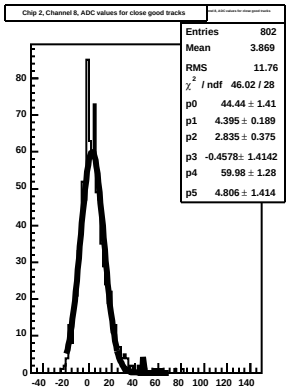

Chip 2, Channel 3, ADC values for close good tracks
Entries 735
Mean 4.772
RMS 13.44
χ² / ndf 34.03 / 30
p0 12.15 ± 3.65
p1 1.833 ± 0.436
p2 0.1748 ± 0.7465
p3 12.47 ± 1.73
p4 54.74 ± 6.47
p5 15.48 ± 5.41

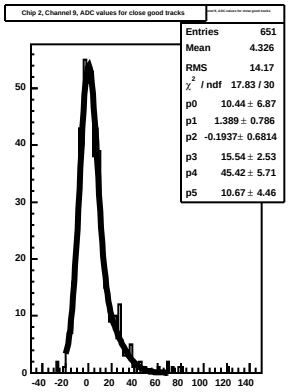

Chip 2, Channel 4, ADC values for close good tracks
Entries 743
Mean 3.765
RMS 11.93
χ² / ndf 67.2 / 27
p0 38.41 ± 0.11
p1 4.527 ± 0.160
p2 2.231 ± 0.103
p3 -0.05604 ± 0.00794
p4 62.36 ± 3.17
p5 1.068e+09 ± 7361241088

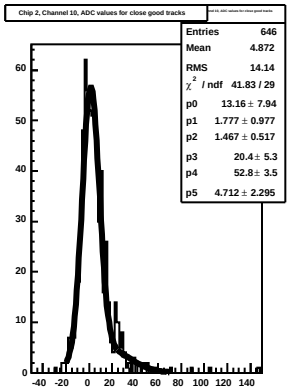

Chip 2, Channel 5, ADC values for close good tracks
Entries 761
Mean 4.387
RMS 12.44
χ² / ndf 103 / 29
p0 42.95 ± 3.06
p1 5.135 ± 0.383
p2 2.329 ± 0.466
p3 -0.2848 ± 3.8766
p4 62.52 ± 3.54
p5 1.609 ± 9.573

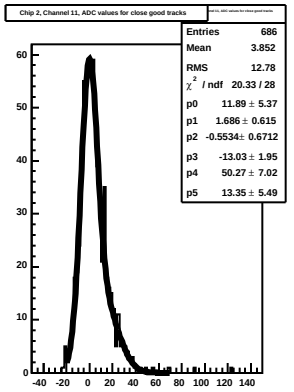

Chip 2, Channel 6, ADC values for close good tracks
Entries 784
Mean 3.899
RMS 12.27
χ² / ndf 26.69 / 30
p0 10.42 ± 5.62
p1 1.418 ± 0.666
p2 0.4027 ± 0.6048
p3 14.66 ± 2.38
p4 60.2 ± 6.1
p5 11.24 ± 5.13

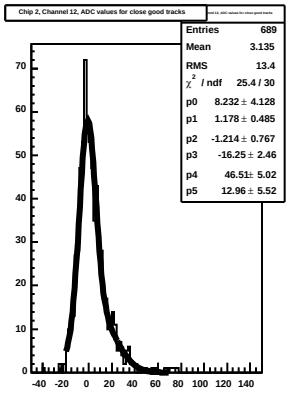

Chip 2, Channel 7, ADC values for close good tracks
Entries 756
Mean 3.913
RMS 12.95
χ² / ndf 40.91 / 30
p0 14.05 ± 5.85
p1 1.861 ± 0.718
p2 -0.09886 ± 0.70360
p3 -11.43 ± 2.66
p4 57.69 ± 7.73
p5 11.51 ± 4.66

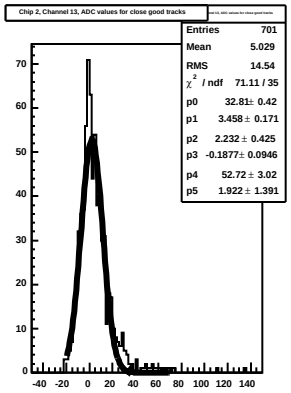

Chip 2, Channel 8, ADC values for close good tracks
Entries 802
Mean 3.869
RMS 11.76
χ² / ndf 46.02 / 28
p0 44.44 ± 1.41
p1 4.395 ± 0.189
p2 2.835 ± 0.375
p3 -0.4578 ± 1.4142
p4 59.98 ± 1.28
p5 4.806 ± 1.414

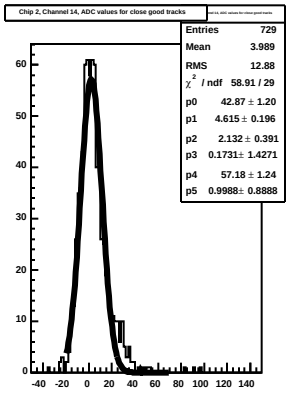

Chip 2, Channel 9, ADC values for close good tracks
Entries 651
Mean 4.326
RMS 14.17
χ² / ndf 17.83 / 30
p0 10.44 ± 6.87
p1 1.389 ± 0.786
p2 -0.1937 ± 0.6814
p3 15.54 ± 2.53
p4 45.42 ± 5.71
p5 10.67 ± 4.46

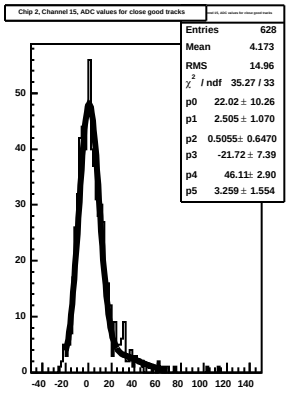

Chip 2, Channel 10, ADC values for close good tracks
Entries 646
Mean 4.872
RMS 14.14
χ² / ndf 41.83 / 29
p0 13.16 ± 7.94
p1 1.777 ± 0.977
p2 1.467 ± 0.517
p3 20.4 ± 5.3
p4 52.8 ± 3.5
p5 4.712 ± 2.295

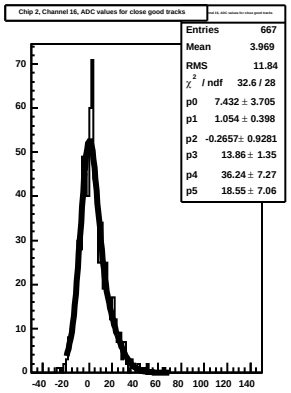

Chip 2, Channel 11, ADC values for close good tracks
Entries 686
Mean 3.852
RMS 12.78
χ² / ndf 20.33 / 28
p0 11.89 ± 5.37
p1 1.686 ± 0.615
p2 -0.5534 ± 0.6712
p3 -13.03 ± 1.95
p4 50.27 ± 7.02
p5 13.35 ± 5.49

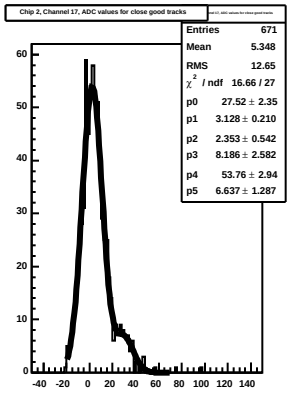

Chip 2, Channel 12, ADC values for close good tracks
Entries 689
Mean 3.135
RMS 13.4
χ² / ndf 25.4 / 30
p0 8.232 ± 4.128
p1 1.178 ± 0.485
p2 -1.214 ± 0.767
p3 -16.25 ± 2.46
p4 46.51 ± 5.02
p5 12.96 ± 5.52

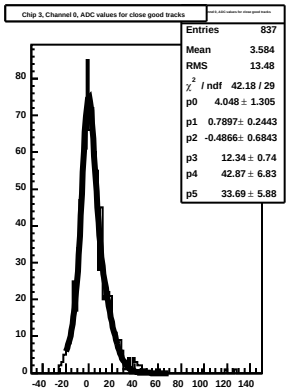

Chip 2, Channel 13, ADC values for close good tracks
Entries 701
Mean 5.029
RMS 14.54
χ² / ndf 71.11 / 35
p0 32.81 ± 0.42
p1 3.458 ± 0.171
p2 2.232 ± 0.425
p3 -0.1877 ± 0.0946
p4 52.72 ± 3.02
p5 1.922 ± 1.391

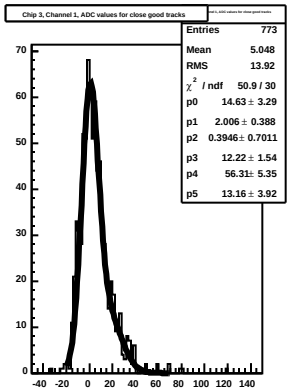

Chip 2, Channel 14, ADC values for close good tracks
Entries 729
Mean 3.989
RMS 12.88
χ² / ndf 58.91 / 29
p0 42.87 ± 1.20
p1 4.615 ± 0.196
p2 2.132 ± 0.391
p3 0.1731 ± 1.4271
p4 57.18 ± 1.24
p5 0.9988 ± 0.8888

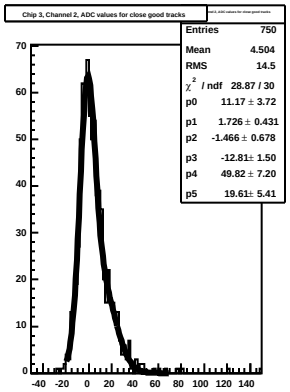

Chip 2, Channel 15, ADC values for close good tracks
Entries 628
Mean 4.173
RMS 14.96
χ² / ndf 35.27 / 33
p0 22.02 ± 10.26
p1 2.505 ± 1.070
p2 0.5055 ± 0.6470
p3 -21.72 ± 7.39
p4 46.11 ± 2.90
p5 3.259 ± 1.554

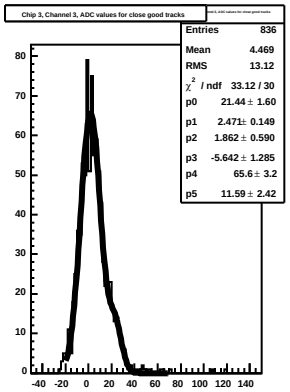

Chip 2, Channel 16, ADC values for close good tracks
Entries 667
Mean 3.969
RMS 11.84
χ² / ndf 32.6 / 28
p0 7.432 ± 3.705
p1 1.054 ± 0.398
p2 -0.2657 ± 0.9281
p3 13.86 ± 1.35
p4 36.24 ± 7.27
p5 18.55 ± 7.06

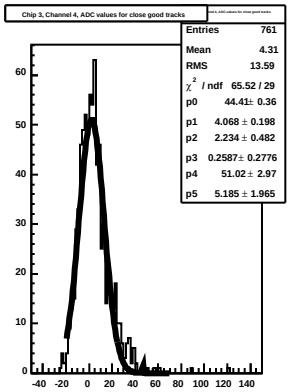

Chip 2, Channel 17, ADC values for close good tracks
Entries 671
Mean 5.348
RMS 12.65
χ² / ndf 16.66 / 27
p0 27.52 ± 2.35
p1 3.128 ± 0.210
p2 2.353 ± 0.542
p3 8.186 ± 2.582
p4 53.76 ± 2.94
p5 6.637 ± 1.287

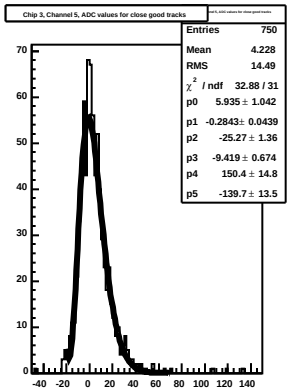

Chip 3, Channel 0, ADC values for close good tracks
Entries 837
Mean 3.584
RMS 13.48
χ² / ndf 42.18 / 29
p0 4.048 ± 1.305
p1 0.7897± 0.2443
p2 -0.4866± 0.6843
p3 12.34 ± 0.74
p4 42.87 ± 6.83
p5 33.69 ± 5.88

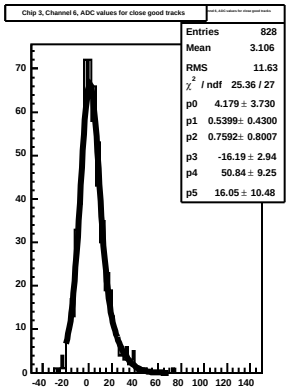

Chip 3, Channel 1, ADC values for close good tracks
Entries 773
Mean 5.048
RMS 13.92
χ² / ndf 50.9 / 30
p0 14.63 ± 3.29
p1 2.006 ± 0.388
p2 0.3946± 0.7011
p3 12.22 ± 1.54
p4 56.31± 5.35
p5 13.16 ± 3.92

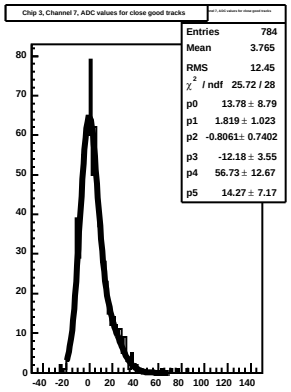

Chip 3, Channel 2, ADC values for close good tracks
Entries 750
Mean 4.504
RMS 14.5
χ² / ndf 28.87 / 30
p0 11.17 ± 3.72
p1 1.726 ± 0.431
p2 -1.466 ± 0.678
p3 -12.81± 1.50
p4 49.82 ± 7.20
p5 19.61± 5.41

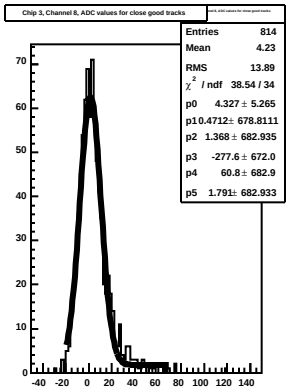

Chip 3, Channel 3, ADC values for close good tracks
Entries 836
Mean 4.469
RMS 13.12
χ² / ndf 33.12 / 30
p0 21.44 ± 1.60
p1 2.471± 0.149
p2 1.862 ± 0.590
p3 -5.642 ± 1.285
p4 65.6 ± 3.2
p5 11.59 ± 2.42

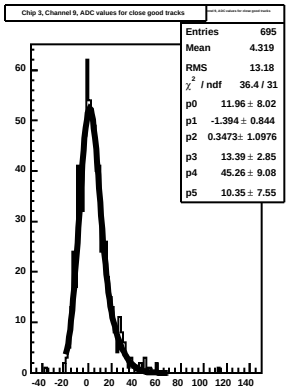

Chip 3, Channel 4, ADC values for close good tracks
Entries 761
Mean 4.31
RMS 13.59
χ² / ndf 65.52 / 29
p0 44.41± 0.36
p1 4.068 ± 0.198
p2 2.234 ± 0.482
p3 0.2587± 0.2776
p4 51.02 ± 2.97
p5 5.185 ± 1.965

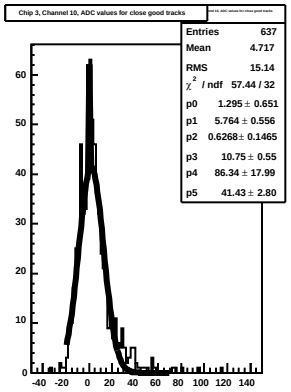

Chip 3, Channel 5, ADC values for close good tracks
Entries 750
Mean 4.228
RMS 14.49
χ² / ndf 32.88 / 31
p0 5.935 ± 1.042
p1 -0.2843± 0.0439
p2 -25.27 ± 1.36
p3 -9.419 ± 0.674
p4 150.4 ± 14.8
p5 -139.7 ± 13.5

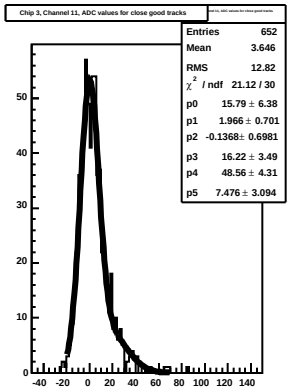

Chip 3, Channel 6, ADC values for close good tracks
Entries 828
Mean 3.106
RMS 11.63
χ² / ndf 25.36 / 27
p0 4.179 ± 3.730
p1 0.5399± 0.4300
p2 0.7592± 0.8007
p3 -16.19 ± 2.94
p4 50.84 ± 9.25
p5 16.05 ± 10.48

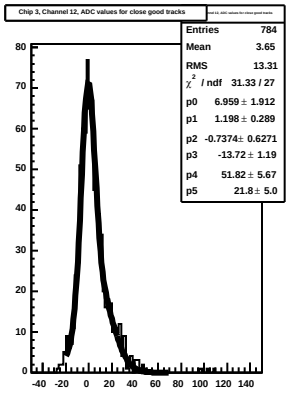

Chip 3, Channel 7, ADC values for close good tracks
Entries 784
Mean 3.765
RMS 12.45
χ² / ndf 25.72 / 28
p0 13.78 ± 8.79
p1 1.819 ± 1.023
p2 -0.8061± 0.7402
p3 -12.18 ± 3.55
p4 56.73 ± 12.67
p5 14.27 ± 7.17

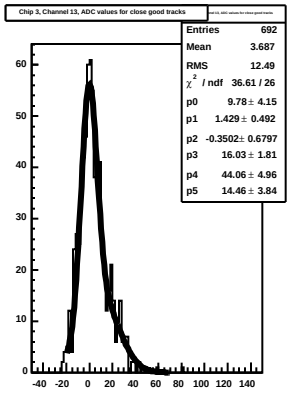

Chip 3, Channel 8, ADC values for close good tracks
Entries 814
Mean 4.23
RMS 13.89
χ² / ndf 38.54 / 34
p0 4.327 ± 5.265
p1 0.4712± 678.8111
p2 1.368 ± 682.935
p3 -277.6 ± 672.0
p4 60.8 ± 682.9
p5 1.791± 682.933

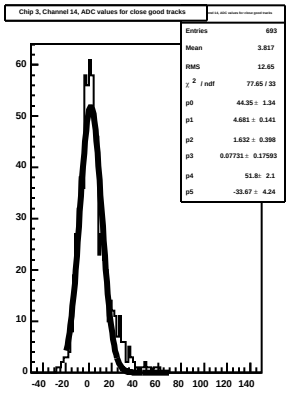

Chip 3, Channel 9, ADC values for close good tracks
Entries 695
Mean 4.319
RMS 13.18
χ² / ndf 36.4 / 31
p0 11.96 ± 8.02
p1 -1.394 ± 0.844
p2 0.3473± 1.0976
p3 13.39 ± 2.85
p4 45.26 ± 9.08
p5 10.35 ± 7.55

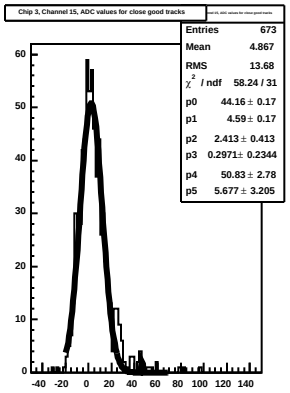

Chip 3, Channel 10, ADC values for close good tracks
Entries 637
Mean 4.717
RMS 15.14
χ² / ndf 57.44 / 32
p0 1.295 ± 0.651
p1 5.764 ± 0.556
p2 0.6268± 0.1465
p3 10.75 ± 0.55
p4 86.34 ± 17.99
p5 41.43 ± 2.80

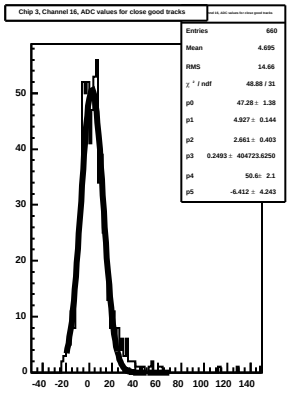

Chip 3, Channel 11, ADC values for close good tracks
Entries 652
Mean 3.646
RMS 12.82
χ² / ndf 21.12 / 30
p0 15.79 ± 6.38
p1 1.966 ± 0.701
p2 -0.1368± 0.6981
p3 16.22 ± 3.49
p4 48.56 ± 4.31
p5 7.476 ± 3.094

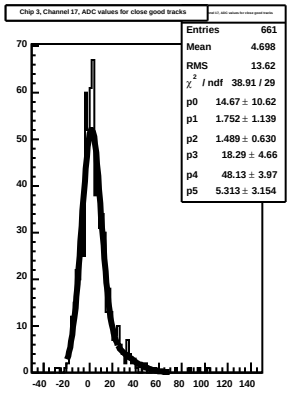

Chip 3, Channel 12, ADC values for close good tracks
Entries 784
Mean 3.65
RMS 13.31
χ² / ndf 31.33 / 27
p0 6.959 ± 1.912
p1 1.198 ± 0.289
p2 -0.7374± 0.6271
p3 -13.72 ± 1.19
p4 51.82 ± 5.67
p5 21.8 ± 5.0

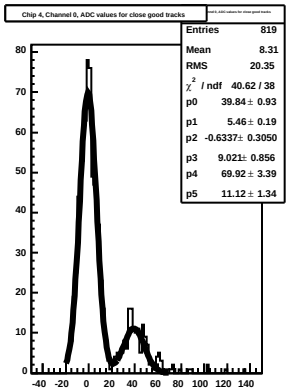

Chip 3, Channel 13, ADC values for close good tracks
Entries 692
Mean 3.687
RMS 12.49
χ² / ndf 36.61 / 26
p0 9.78 ± 4.15
p1 1.429 ± 0.492
p2 -0.3502± 0.6797
p3 16.03 ± 1.81
p4 44.06 ± 4.96
p5 14.46 ± 3.84

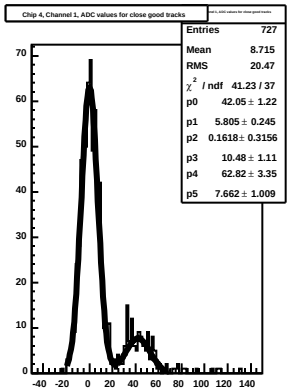

Chip 3, Channel 14, ADC values for close good tracks
Entries 693
Mean 3.817
RMS 12.65
χ² / ndf 77.65 / 33
p0 44.35 ± 1.34
p1 4.681 ± 0.141
p2 1.632 ± 0.398
p3 0.07731 ± 0.17593
p4 51.8± 2.1
p5 -33.67 ± 4.24

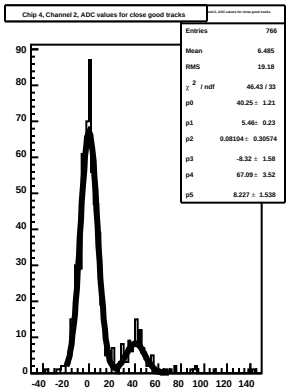

Chip 3, Channel 15, ADC values for close good tracks
Entries 673
Mean 4.867
RMS 13.68
χ² / ndf 58.24 / 31
p0 44.16 ± 0.17
p1 4.59± 0.17
p2 2.413 ± 0.413
p3 0.2971± 0.2344
p4 50.83 ± 2.78
p5 5.677 ± 3.205

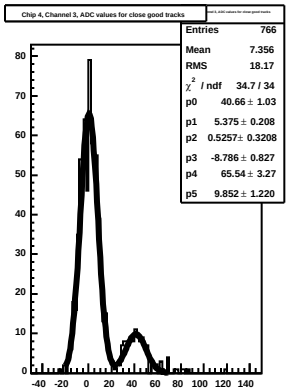

Chip 3, Channel 16, ADC values for close good tracks
Entries 660
Mean 4.695
RMS 14.66
χ² / ndf 48.88 / 31
p0 47.28 ± 1.38
p1 4.927 ± 0.144
p2 2.661 ± 0.403
p3 0.2493 ± 404723.6250
p4 50.6± 2.1
p5 -6.412 ± 4.243

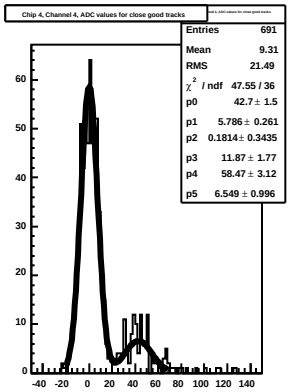

Chip 3, Channel 17, ADC values for close good tracks
Entries 661
Mean 4.698
RMS 13.62
χ² / ndf 38.91 / 29
p0 14.67 ± 10.62
p1 1.752 ± 1.139
p2 1.489 ± 0.630
p3 18.29 ± 4.66
p4 48.13 ± 3.97
p5 5.313 ± 3.154

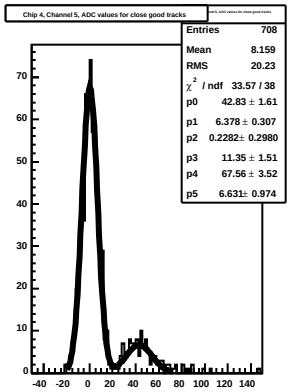

Chip 4, Channel 0, ADC values for close good tracks
Entries 819
Mean 8.31
RMS 20.35
χ² / ndf 40.62 / 38
p0 39.84 ± 0.93
p1 5.46 ± 0.19
p2 -0.6337 ± 0.3050
p3 9.021 ± 0.856
p4 69.92 ± 3.39
p5 11.12 ± 1.34

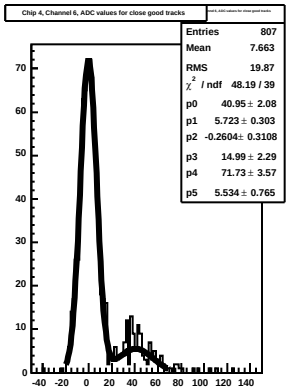

Chip 4, Channel 1, ADC values for close good tracks
Entries 727
Mean 8.715
RMS 20.47
χ² / ndf 41.23 / 37
p0 42.05 ± 1.22
p1 5.805 ± 0.245
p2 0.1618 ± 0.3156
p3 10.48 ± 1.11
p4 62.82 ± 3.35
p5 7.662 ± 1.009

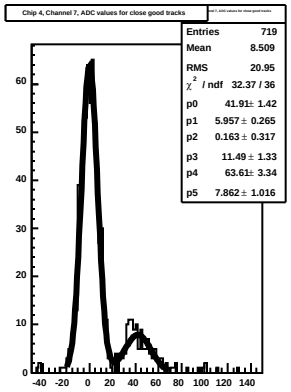

Chip 4, Channel 2, ADC values for close good tracks
Entries 766
Mean 6.485
RMS 19.18
χ² / ndf 46.43 / 33
p0 40.25 ± 1.21
p1 5.46 ± 0.23
p2 0.08104 ± 0.30574
p3 -8.32 ± 1.58
p4 67.09 ± 3.52
p5 8.227 ± 1.538

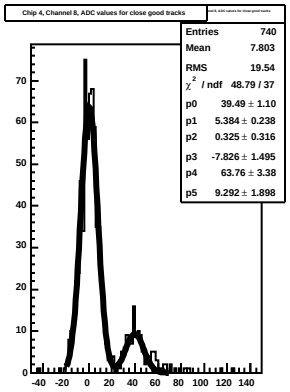

Chip 4, Channel 3, ADC values for close good tracks
Entries 766
Mean 7.356
RMS 18.17
χ² / ndf 34.7 / 34
p0 40.66 ± 1.03
p1 5.375 ± 0.208
p2 0.5257 ± 0.3208
p3 -8.786 ± 0.827
p4 65.54 ± 3.27
p5 9.852 ± 1.220

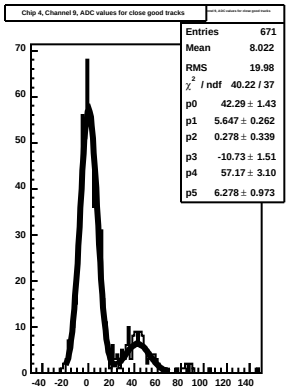

Chip 4, Channel 4, ADC values for close good tracks
Entries 691
Mean 9.31
RMS 21.49
χ² / ndf 47.55 / 36
p0 42.7 ± 1.5
p1 5.786 ± 0.261
p2 0.1814 ± 0.3435
p3 11.87 ± 1.77
p4 58.47 ± 3.12
p5 6.549 ± 0.996

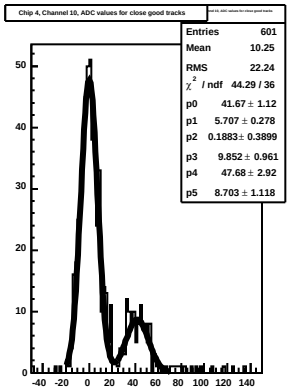

Chip 4, Channel 5, ADC values for close good tracks
Entries 708
Mean 8.159
RMS 20.23
χ² / ndf 33.57 / 38
p0 42.83 ± 1.61
p1 6.378 ± 0.307
p2 0.2282 ± 0.2980
p3 11.35 ± 1.51
p4 67.56 ± 3.52
p5 6.631 ± 0.974

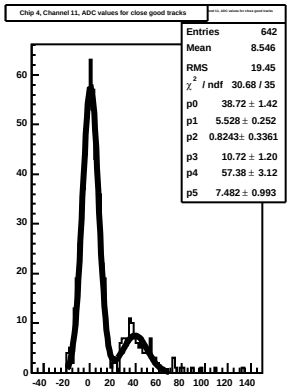

Chip 4, Channel 6, ADC values for close good tracks
Entries 807
Mean 7.663
RMS 19.87
χ² / ndf 48.19 / 39
p0 40.95 ± 2.08
p1 5.723 ± 0.303
p2 -0.2604 ± 0.3108
p3 14.99 ± 2.29
p4 71.73 ± 3.57
p5 5.534 ± 0.765

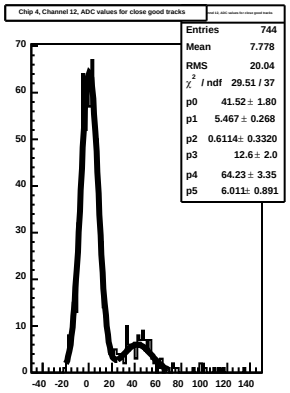

Chip 4, Channel 7, ADC values for close good tracks
Entries 719
Mean 8.509
RMS 20.95
χ² / ndf 32.37 / 36
p0 41.91 ± 1.42
p1 5.957 ± 0.265
p2 0.163 ± 0.317
p3 11.49 ± 1.33
p4 63.61 ± 3.34
p5 7.862 ± 1.016

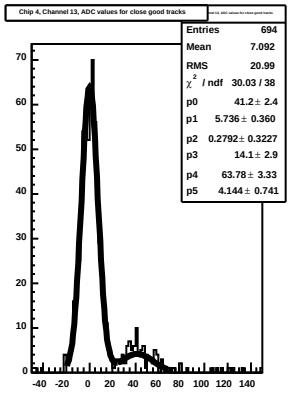

Chip 4, Channel 8, ADC values for close good tracks
Entries 740
Mean 7.803
RMS 19.54
χ² / ndf 48.79 / 37
p0 39.49 ± 1.10
p1 5.384 ± 0.238
p2 0.325 ± 0.316
p3 -7.826 ± 1.495
p4 63.76 ± 3.38
p5 9.292 ± 1.898

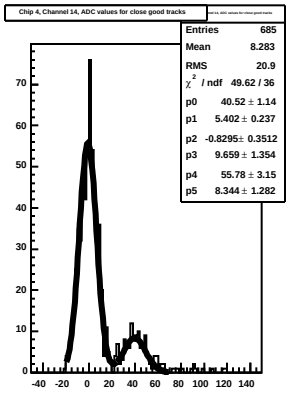

Chip 4, Channel 9, ADC values for close good tracks
Entries 671
Mean 8.022
RMS 19.98
χ² / ndf 40.22 / 37
p0 42.29 ± 1.43
p1 5.647 ± 0.262
p2 0.278 ± 0.339
p3 -10.73 ± 1.51
p4 57.17 ± 3.10
p5 6.278 ± 0.973

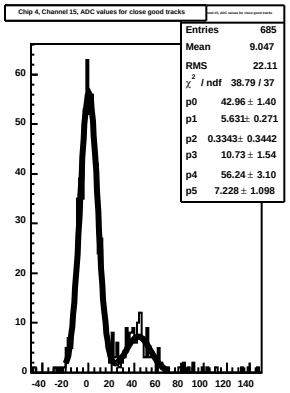

Chip 4, Channel 10, ADC values for close good tracks
Entries 601
Mean 10.25
RMS 22.24
χ² / ndf 44.29 / 36
p0 41.67 ± 1.12
p1 5.707 ± 0.278
p2 0.1883 ± 0.3899
p3 9.852 ± 0.961
p4 47.68 ± 2.92
p5 8.703 ± 1.118

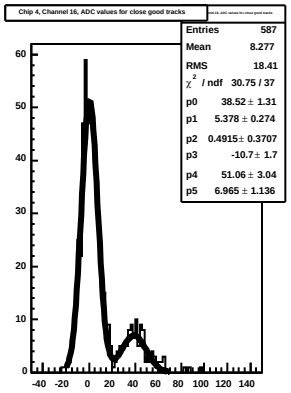

Chip 4, Channel 11, ADC values for close good tracks
Entries 642
Mean 8.546
RMS 19.45
χ² / ndf 30.68 / 35
p0 38.72 ± 1.42
p1 5.528 ± 0.252
p2 0.8243 ± 0.3361
p3 10.72 ± 1.20
p4 57.38 ± 3.12
p5 7.482 ± 0.993

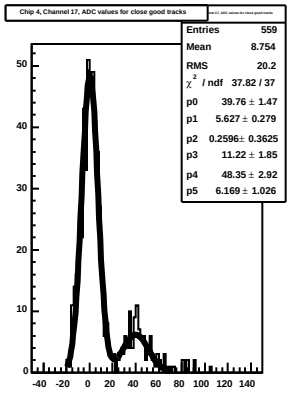

Chip 4, Channel 12, ADC values for close good tracks
Entries 744
Mean 7.778
RMS 20.04
χ² / ndf 29.51 / 37
p0 41.52 ± 1.80
p1 5.467 ± 0.268
p2 0.6114 ± 0.3320
p3 12.6 ± 2.0
p4 64.23 ± 3.35
p5 6.011 ± 0.891

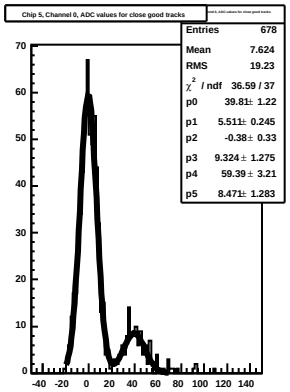

Chip 4, Channel 13, ADC values for close good tracks
Entries 694
Mean 7.092
RMS 20.99
χ² / ndf 30.03 / 38
p0 41.2 ± 2.4
p1 5.736 ± 0.360
p2 0.2792 ± 0.3227
p3 14.1 ± 2.9
p4 63.78 ± 3.33
p5 4.144 ± 0.741

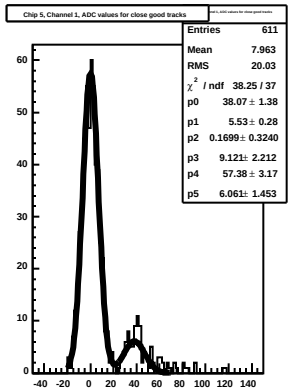

Chip 4, Channel 14, ADC values for close good tracks
Entries 685
Mean 8.283
RMS 20.9
χ² / ndf 49.62 / 36
p0 40.52 ± 1.14
p1 5.402 ± 0.237
p2 -0.8295 ± 0.3512
p3 9.659 ± 1.354
p4 55.78 ± 3.15
p5 8.344 ± 1.282

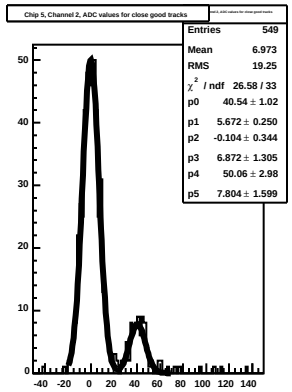

Chip 4, Channel 15, ADC values for close good tracks
Entries 685
Mean 9.047
RMS 22.11
χ² / ndf 38.79 / 37
p0 42.96 ± 1.40
p1 5.631 ± 0.271
p2 0.3343 ± 0.3442
p3 10.73 ± 1.54
p4 56.24 ± 3.10
p5 7.228 ± 1.098

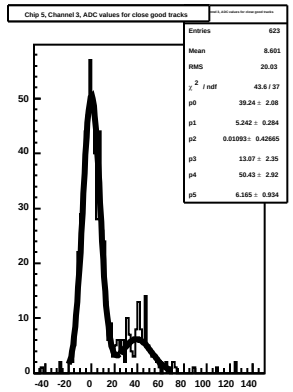

Chip 4, Channel 16, ADC values for close good tracks
Entries 587
Mean 8.277
RMS 18.41
χ² / ndf 30.75 / 37
p0 38.52 ± 1.31
p1 5.378 ± 0.274
p2 0.4915 ± 0.3707
p3 -10.7 ± 1.7
p4 51.06 ± 3.04
p5 6.965 ± 1.136

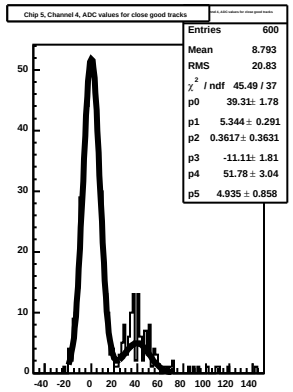

Chip 4, Channel 17, ADC values for close good tracks
Entries 559
Mean 8.754
RMS 20.2
χ² / ndf 37.82 / 37
p0 39.76 ± 1.47
p1 5.627 ± 0.279
p2 0.2596 ± 0.3625
p3 11.22 ± 1.85
p4 48.35 ± 2.92
p5 6.169 ± 1.026

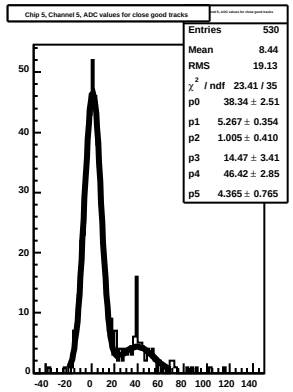

Chip 5, Channel 0, ADC values for close good tracks
Entries 678
Mean 7.624
RMS 19.23
χ² / ndf 36.59 / 37
p0 39.81 ± 1.22
p1 5.511 ± 0.245
p2 -0.38 ± 0.33
p3 9.324 ± 1.275
p4 59.39 ± 3.21
p5 8.471 ± 1.283

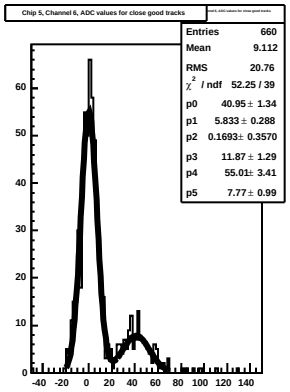

Chip 5, Channel 1, ADC values for close good tracks
Entries 611
Mean 7.963
RMS 20.03
χ² / ndf 38.25 / 37
p0 38.07 ± 1.38
p1 5.53 ± 0.28
p2 0.1699 ± 0.3240
p3 9.121 ± 2.212
p4 57.38 ± 3.17
p5 6.061 ± 1.453

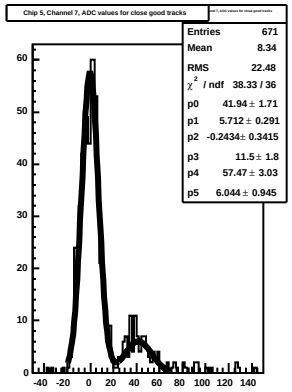

Chip 5, Channel 2, ADC values for close good tracks
Entries 549
Mean 6.973
RMS 19.25
χ² / ndf 26.58 / 33
p0 40.54 ± 1.02
p1 5.672 ± 0.250
p2 -0.104 ± 0.344
p3 6.872 ± 1.305
p4 50.06 ± 2.98
p5 7.804 ± 1.599

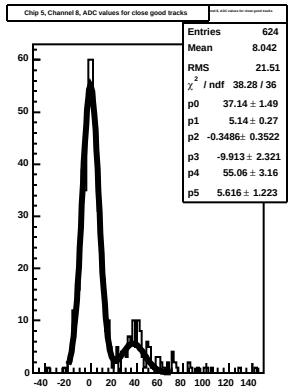

Chip 5, Channel 3, ADC values for close good tracks
Entries 623
Mean 8.601
RMS 20.03
χ² / ndf 43.6 / 37
p0 39.24 ± 2.08
p1 5.242 ± 0.284
p2 0.01093 ± 0.42665
p3 13.07 ± 2.35
p4 50.43 ± 2.92
p5 6.165 ± 0.934

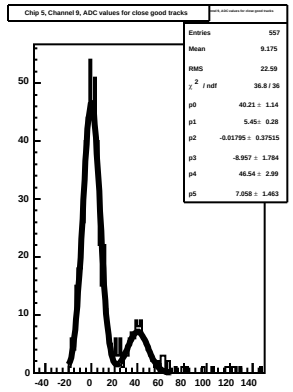

Chip 5, Channel 4, ADC values for close good tracks
Entries 600
Mean 8.793
RMS 20.83
χ² / ndf 45.49 / 37
p0 39.31 ± 1.78
p1 5.344 ± 0.291
p2 0.3617 ± 0.3631
p3 -11.11 ± 1.81
p4 51.78 ± 3.04
p5 4.935 ± 0.858

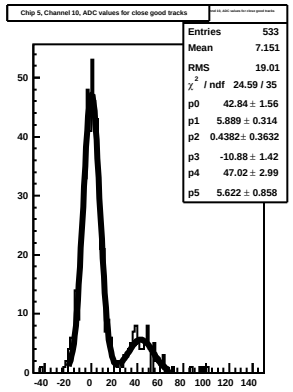

Chip 5, Channel 5, ADC values for close good tracks
Entries 530
Mean 8.44
RMS 19.13
χ² / ndf 23.41 / 35
p0 38.34 ± 2.51
p1 5.267 ± 0.354
p2 1.005 ± 0.410
p3 14.47 ± 3.41
p4 46.42 ± 2.85
p5 4.365 ± 0.765

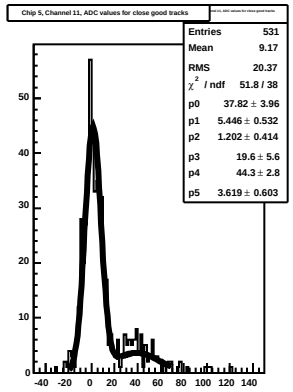

Chip 5, Channel 6, ADC values for close good tracks
Entries 660
Mean 9.112
RMS 20.76
χ² / ndf 52.25 / 39
p0 40.95 ± 1.34
p1 5.833 ± 0.288
p2 0.1693 ± 0.3570
p3 11.87 ± 1.29
p4 55.01 ± 3.41
p5 7.77 ± 0.99

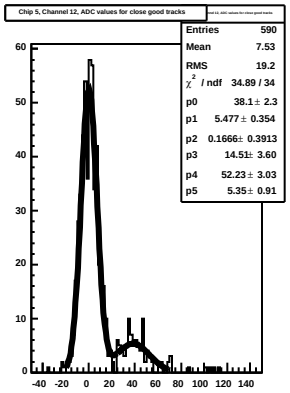

Chip 5, Channel 7, ADC values for close good tracks
Entries 671
Mean 8.34
RMS 22.48
χ² / ndf 38.33 / 36
p0 41.94 ± 1.71
p1 5.712 ± 0.291
p2 -0.2434 ± 0.3415
p3 11.5 ± 1.8
p4 57.47 ± 3.03
p5 6.044 ± 0.945

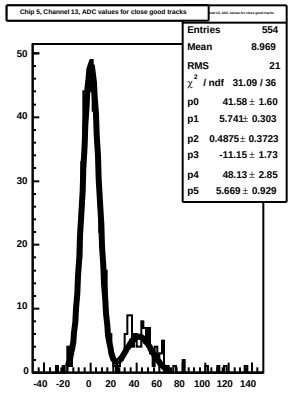

Chip 5, Channel 8, ADC values for close good tracks
Entries 624
Mean 8.042
RMS 21.51
χ² / ndf 38.28 / 36
p0 37.14 ± 1.49
p1 5.14 ± 0.27
p2 -0.3486 ± 0.3522
p3 -9.913 ± 2.321
p4 55.06 ± 3.16
p5 5.616 ± 1.223

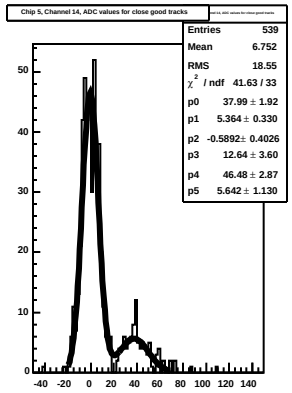

Chip 5, Channel 9, ADC values for close good tracks
Entries 557
Mean 9.175
RMS 22.59
χ² / ndf 36.8 / 36
p0 40.21 ± 1.14
p1 5.45 ± 0.28
p2 -0.01795 ± 0.37515
p3 -8.957 ± 1.784
p4 46.54 ± 2.99
p5 7.058 ± 1.463

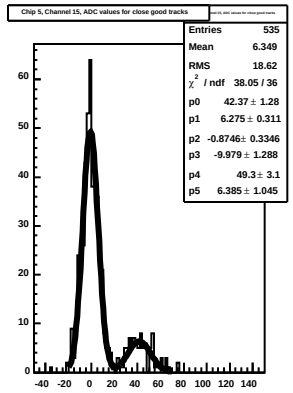

Chip 5, Channel 10, ADC values for close good tracks
Entries 533
Mean 7.151
RMS 19.01
χ² / ndf 24.59 / 35
p0 42.84 ± 1.56
p1 5.889 ± 0.314
p2 0.4382 ± 0.3632
p3 -10.88 ± 1.42
p4 47.02 ± 2.99
p5 5.622 ± 0.858

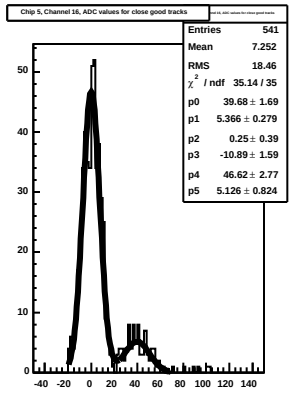

Chip 5, Channel 11, ADC values for close good tracks
Entries 531
Mean 9.17
RMS 20.37
χ² / ndf 51.8 / 38
p0 37.82 ± 3.96
p1 5.446 ± 0.532
p2 1.202 ± 0.414
p3 19.6 ± 5.6
p4 44.3 ± 2.8
p5 3.619 ± 0.603

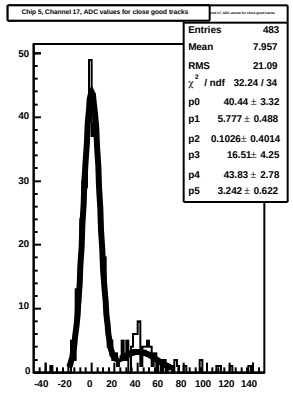

Chip 5, Channel 12, ADC values for close good tracks
Entries 590
Mean 7.53
RMS 19.2
χ² / ndf 34.89 / 34
p0 38.1 ± 2.3
p1 5.477 ± 0.354
p2 0.1666 ± 0.3913
p3 14.51 ± 3.60
p4 52.23 ± 3.03
p5 5.35 ± 0.91

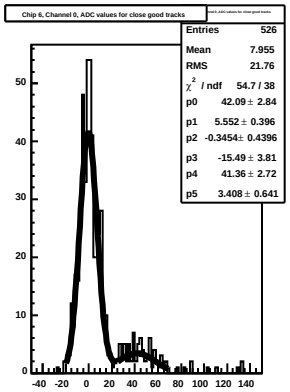

Chip 5, Channel 13, ADC values for close good tracks
Entries 554
Mean 8.969
RMS 21
χ² / ndf 31.09 / 36
p0 41.58 ± 1.60
p1 5.741 ± 0.303
p2 0.4875 ± 0.3723
p3 -11.15 ± 1.73
p4 48.13 ± 2.85
p5 5.669 ± 0.929

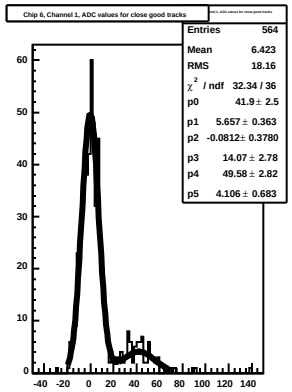

Chip 5, Channel 14, ADC values for close good tracks
Entries 539
Mean 6.752
RMS 18.55
χ² / ndf 41.63 / 33
p0 37.99 ± 1.92
p1 5.364 ± 0.330
p2 -0.5892 ± 0.4026
p3 12.64 ± 3.60
p4 46.48 ± 2.87
p5 5.642 ± 1.130

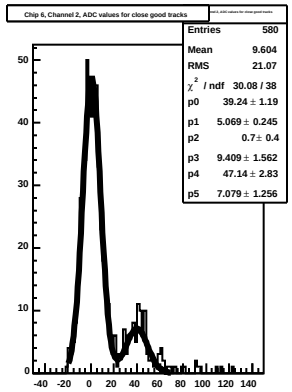

Chip 5, Channel 15, ADC values for close good tracks
Entries 535
Mean 6.349
RMS 18.62
χ² / ndf 38.05 / 36
p0 42.37 ± 1.28
p1 6.275 ± 0.311
p2 -0.8746 ± 0.3346
p3 -9.979 ± 1.288
p4 49.3 ± 3.1
p5 6.385 ± 1.045

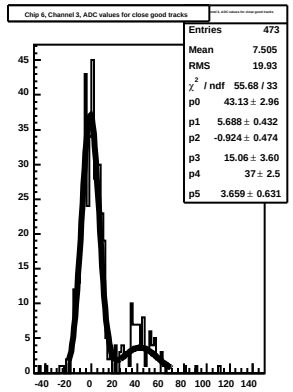

Chip 5, Channel 16, ADC values for close good tracks
Entries 541
Mean 7.252
RMS 18.46
χ² / ndf 35.14 / 35
p0 39.68 ± 1.69
p1 5.366 ± 0.279
p2 0.25 ± 0.39
p3 -10.89 ± 1.59
p4 46.62 ± 2.77
p5 5.126 ± 0.824

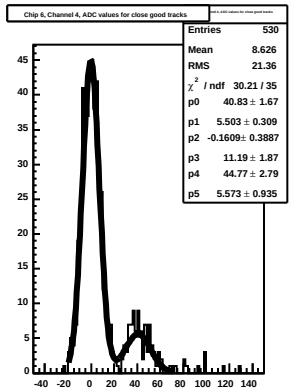

Chip 5, Channel 17, ADC values for close good tracks
Entries 483
Mean 7.957
RMS 21.09
χ² / ndf 32.24 / 34
p0 40.44 ± 3.32
p1 5.777 ± 0.488
p2 0.1026 ± 0.4014
p3 16.51 ± 4.25
p4 43.83 ± 2.78
p5 3.242 ± 0.622

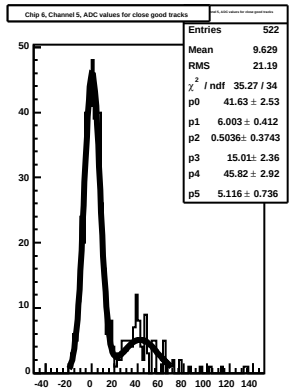

Chip 6, Channel 0, ADC values for close good tracks
Entries 526
Mean 7.955
RMS 21.76
χ² / ndf 54.7 / 38
p0 42.09 ± 2.84
p1 5.552 ± 0.396
p2 -0.3454 ± 0.4396
p3 -15.49 ± 3.81
p4 41.36 ± 2.72
p5 3.408 ± 0.641

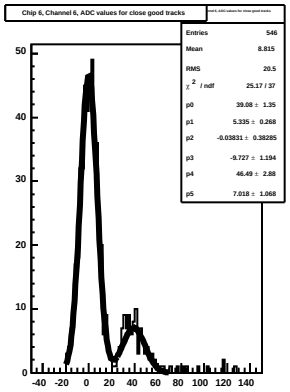

Chip 6, Channel 1, ADC values for close good tracks
Entries 564
Mean 6.423
RMS 18.16
χ² / ndf 32.34 / 36
p0 41.9 ± 2.5
p1 5.657 ± 0.363
p2 -0.0812 ± 0.3780
p3 14.07 ± 2.78
p4 49.58 ± 2.82
p5 4.106 ± 0.683

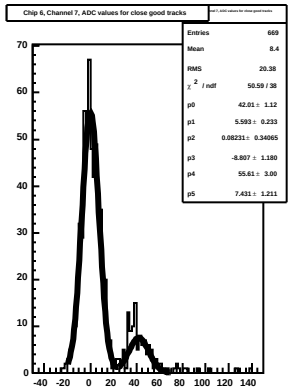

Chip 6, Channel 2, ADC values for close good tracks
Entries 580
Mean 9.604
RMS 21.07
χ² / ndf 30.08 / 38
p0 39.24 ± 1.19
p1 5.069 ± 0.245
p2 0.7 ± 0.4
p3 9.409 ± 1.562
p4 47.14 ± 2.83
p5 7.079 ± 1.256

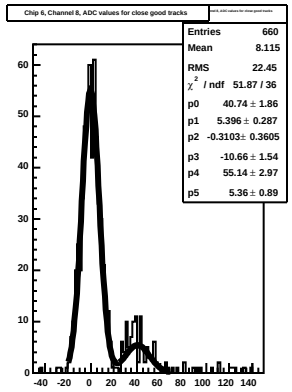

Chip 6, Channel 3, ADC values for close good tracks
Entries 473
Mean 7.505
RMS 19.93
χ² / ndf 55.68 / 33
p0 43.13 ± 2.96
p1 5.688 ± 0.432
p2 -0.924 ± 0.474
p3 15.06 ± 3.60
p4 37 ± 2.5
p5 3.659 ± 0.631

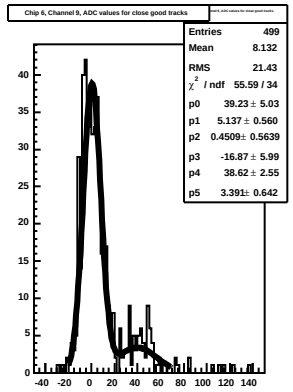

Chip 6, Channel 4, ADC values for close good tracks
Entries 530
Mean 8.626
RMS 21.36
χ² / ndf 30.21 / 35
p0 40.83 ± 1.67
p1 5.503 ± 0.309
p2 -0.1609 ± 0.3887
p3 11.19 ± 1.87
p4 44.77 ± 2.79
p5 5.573 ± 0.935

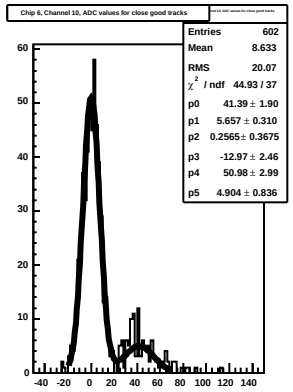

Chip 6, Channel 5, ADC values for close good tracks
Entries 522
Mean 9.629
RMS 21.19
χ² / ndf 35.27 / 34
p0 41.63 ± 2.53
p1 6.003 ± 0.412
p2 0.5036 ± 0.3743
p3 15.01 ± 2.36
p4 45.82 ± 2.92
p5 5.116 ± 0.736

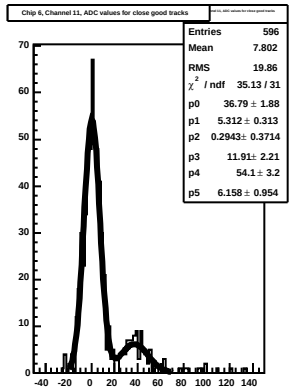

Chip 6, Channel 6, ADC values for close good tracks
Entries 546
Mean 8.815
RMS 20.5
χ² / ndf 25.17 / 37
p0 39.08 ± 1.35
p1 5.335 ± 0.268
p2 -0.03831 ± 0.38285
p3 -9.727 ± 1.194
p4 46.49 ± 2.88
p5 7.018 ± 1.068

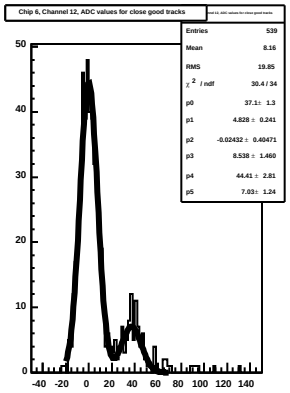

Chip 6, Channel 7, ADC values for close good tracks
Entries 669
Mean 8.4
RMS 20.38
χ² / ndf 50.59 / 38
p0 42.01 ± 1.12
p1 5.593 ± 0.233
p2 0.08231 ± 0.34065
p3 -8.807 ± 1.180
p4 55.61 ± 3.00
p5 7.431 ± 1.211

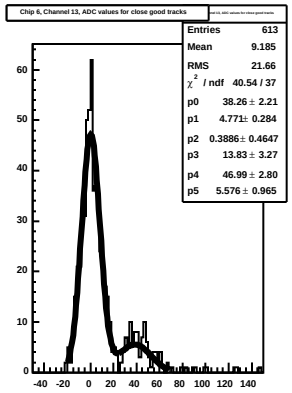

Chip 6, Channel 8, ADC values for close good tracks
Entries 660
Mean 8.115
RMS 22.45
χ² / ndf 51.87 / 36
p0 40.74 ± 1.86
p1 5.396 ± 0.287
p2 -0.3103 ± 0.3605
p3 -10.66 ± 1.54
p4 55.14 ± 2.97
p5 5.36 ± 0.89

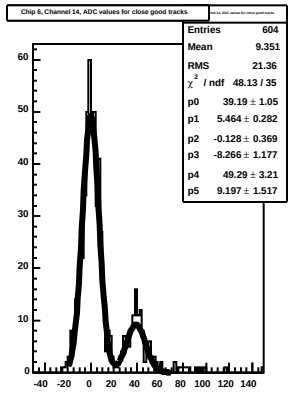

Chip 6, Channel 9, ADC values for close good tracks
Entries 499
Mean 8.132
RMS 21.43
χ² / ndf 55.59 / 34
p0 39.23 ± 5.03
p1 5.137 ± 0.560
p2 0.4509 ± 0.5639
p3 -16.87 ± 5.99
p4 38.62 ± 2.55
p5 3.391 ± 0.642

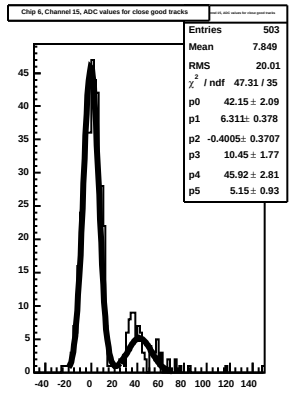

Chip 6, Channel 10, ADC values for close good tracks
Entries 602
Mean 8.633
RMS 20.07
χ² / ndf 44.93 / 37
p0 41.39 ± 1.90
p1 5.657 ± 0.310
p2 0.2565 ± 0.3675
p3 -12.97 ± 2.46
p4 50.98 ± 2.99
p5 4.904 ± 0.836

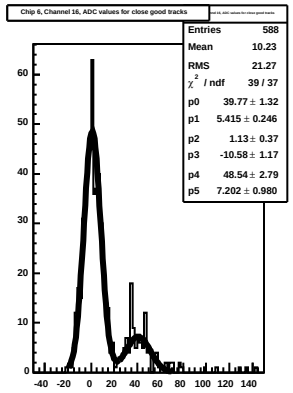

Chip 6, Channel 11, ADC values for close good tracks
Entries 596
Mean 7.802
RMS 19.86
χ² / ndf 35.13 / 31
p0 36.79 ± 1.88
p1 5.312 ± 0.313
p2 0.2943 ± 0.3714
p3 11.91 ± 2.21
p4 54.1 ± 3.2
p5 6.158 ± 0.954

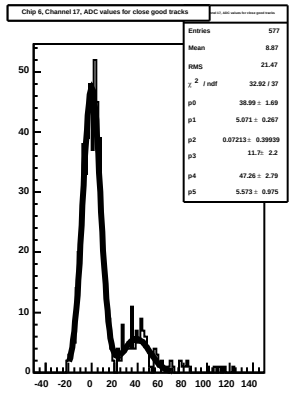

Chip 6, Channel 12, ADC values for close good tracks
Entries 539
Mean 8.16
RMS 19.85
χ² / ndf 30.4 / 34
p0 37.1 ± 1.3
p1 4.828 ± 0.241
p2 -0.02432 ± 0.40471
p3 8.538 ± 1.460
p4 44.41 ± 2.81
p5 7.03 ± 1.24

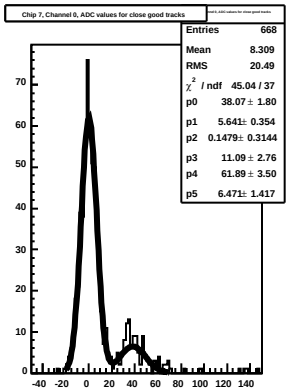

Chip 6, Channel 13, ADC values for close good tracks
Entries 613
Mean 9.185
RMS 21.66
χ² / ndf 40.54 / 37
p0 38.26 ± 2.21
p1 4.771 ± 0.284
p2 0.3886 ± 0.4647
p3 13.83 ± 3.27
p4 46.99 ± 2.80
p5 5.576 ± 0.965

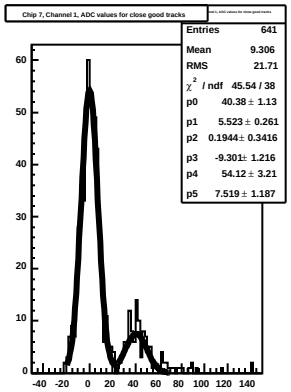

Chip 6, Channel 14, ADC values for close good tracks
Entries 604
Mean 9.351
RMS 21.36
χ² / ndf 48.13 / 35
p0 39.19 ± 1.05
p1 5.464 ± 0.282
p2 -0.128 ± 0.369
p3 -8.266 ± 1.177
p4 49.29 ± 3.21
p5 9.197 ± 1.517

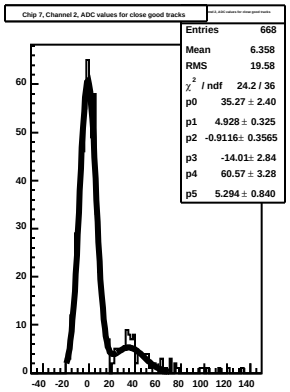

Chip 6, Channel 15, ADC values for close good tracks
Entries 503
Mean 7.849
RMS 20.01
χ² / ndf 47.31 / 35
p0 42.15 ± 2.09
p1 6.311 ± 0.378
p2 -0.4005 ± 0.3707
p3 10.45 ± 1.77
p4 45.92 ± 2.81
p5 5.15 ± 0.93

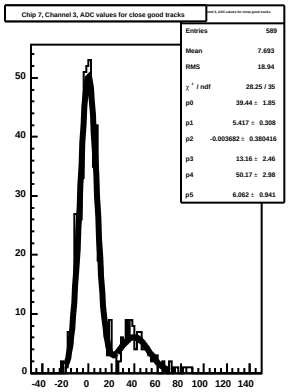

Chip 6, Channel 16, ADC values for close good tracks
Entries 588
Mean 10.23
RMS 21.27
χ² / ndf 39 / 37
p0 39.77 ± 1.32
p1 5.415 ± 0.246
p2 1.13 ± 0.37
p3 -10.58 ± 1.17
p4 48.54 ± 2.79
p5 7.202 ± 0.980

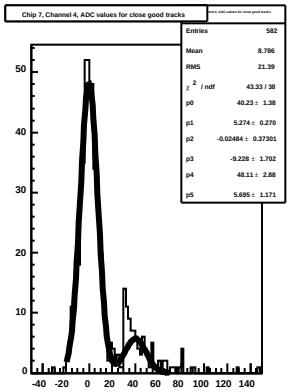

Chip 6, Channel 17, ADC values for close good tracks
Entries 577
Mean 8.87
RMS 21.47
χ² / ndf 32.92 / 37
p0 38.99 ± 1.69
p1 5.071 ± 0.267
p2 0.07213 ± 0.39939
p3 11.7 ± 2.2
p4 47.26 ± 2.79
p5 5.573 ± 0.975

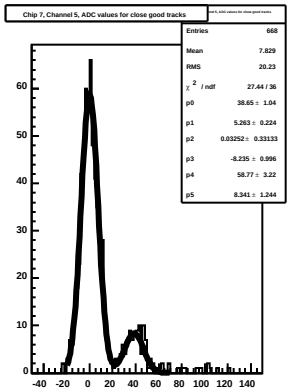

Chip 7, Channel 0, ADC values for close good tracks
Entries 668
Mean 8.309
RMS 20.49
χ² / ndf 45.04 / 37
p0 38.07 ± 1.80
p1 5.641 ± 0.354
p2 0.1479 ± 0.3144
p3 11.09 ± 2.76
p4 61.89 ± 3.50
p5 6.471 ± 1.417

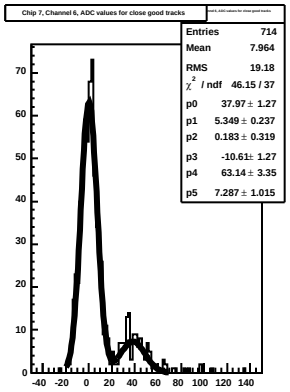

Chip 7, Channel 1, ADC values for close good tracks
Entries 641
Mean 9.306
RMS 21.71
χ² / ndf 45.54 / 38
p0 40.38 ± 1.13
p1 5.523 ± 0.261
p2 0.1944 ± 0.3416
p3 -9.301 ± 1.216
p4 54.12 ± 3.21
p5 7.519 ± 1.187

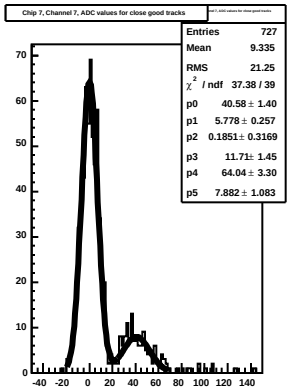

Chip 7, Channel 2, ADC values for close good tracks
Entries 668
Mean 6.358
RMS 19.58
χ² / ndf 24.2 / 36
p0 35.27 ± 2.40
p1 4.928 ± 0.325
p2 -0.9116 ± 0.3565
p3 -14.01 ± 2.84
p4 60.57 ± 3.28
p5 5.294 ± 0.840

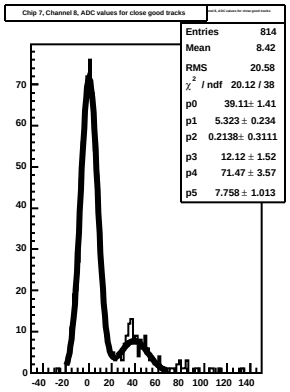

Chip 7, Channel 3, ADC values for close good tracks
Entries 589
Mean 7.693
RMS 18.94
χ² / ndf 28.25 / 35
p0 39.44 ± 1.85
p1 5.417 ± 0.308
p2 -0.003682 ± 0.380416
p3 13.16 ± 2.46
p4 50.17 ± 2.98
p5 6.062 ± 0.941

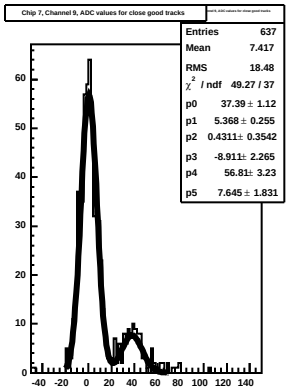

Chip 7, Channel 4, ADC values for close good tracks
Entries 582
Mean 8.786
RMS 21.39
χ² / ndf 43.33 / 38
p0 40.23 ± 1.38
p1 5.274 ± 0.270
p2 -0.02484 ± 0.37301
p3 -9.228 ± 1.702
p4 48.11 ± 2.88
p5 5.695 ± 1.171

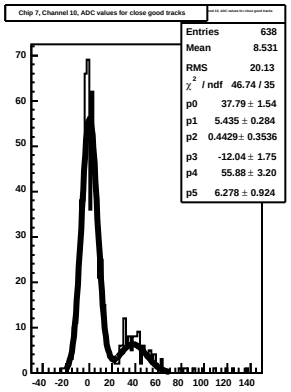

Chip 7, Channel 5, ADC values for close good tracks
Entries 668
Mean 7.829
RMS 20.23
χ² / ndf 27.44 / 36
p0 38.65 ± 1.04
p1 5.263 ± 0.224
p2 0.03252 ± 0.33133
p3 -8.235 ± 0.996
p4 58.77 ± 3.22
p5 8.341 ± 1.244

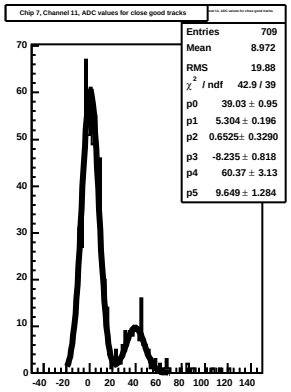

Chip 7, Channel 6, ADC values for close good tracks
Entries 714
Mean 7.964
RMS 19.18
χ² / ndf 46.15 / 37
p0 37.97 ± 1.27
p1 5.349 ± 0.237
p2 0.183 ± 0.319
p3 -10.61 ± 1.27
p4 63.14 ± 3.35
p5 7.287 ± 1.015

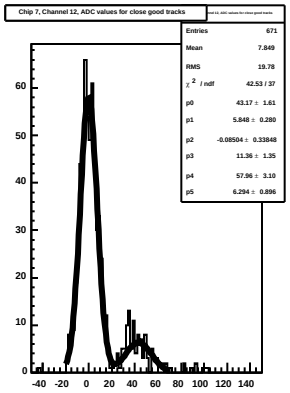

Chip 7, Channel 7, ADC values for close good tracks
Entries 727
Mean 9.335
RMS 21.25
χ² / ndf 37.38 / 39
p0 40.58 ± 1.40
p1 5.778 ± 0.257
p2 0.1851 ± 0.3169
p3 11.71 ± 1.45
p4 64.04 ± 3.30
p5 7.882 ± 1.083

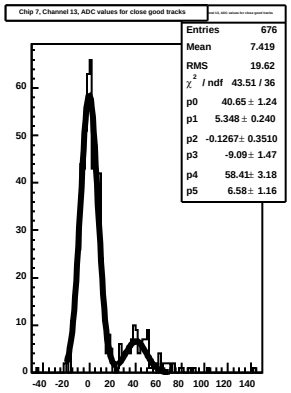

Chip 7, Channel 8, ADC values for close good tracks
Entries 814
Mean 8.42
RMS 20.58
χ² / ndf 20.12 / 38
p0 39.11 ± 1.41
p1 5.323 ± 0.234
p2 0.2138 ± 0.3111
p3 12.12 ± 1.52
p4 71.47 ± 3.57
p5 7.758 ± 1.013

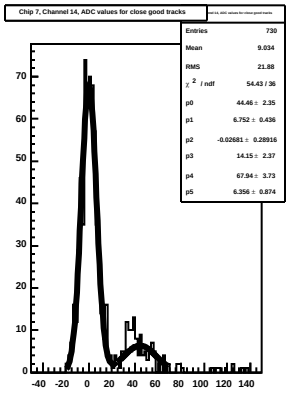

Chip 7, Channel 9, ADC values for close good tracks
Entries 637
Mean 7.417
RMS 18.48
χ² / ndf 49.27 / 37
p0 37.39 ± 1.12
p1 5.368 ± 0.255
p2 0.4311 ± 0.3542
p3 -8.911 ± 2.265
p4 56.81 ± 3.23
p5 7.645 ± 1.831

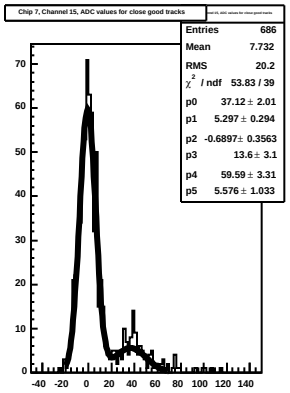

Chip 7, Channel 10, ADC values for close good tracks
Entries 638
Mean 8.531
RMS 20.13
χ² / ndf 46.74 / 35
p0 37.79 ± 1.54
p1 5.435 ± 0.284
p2 0.4429 ± 0.3536
p3 -12.04 ± 1.75
p4 55.88 ± 3.20
p5 6.278 ± 0.924

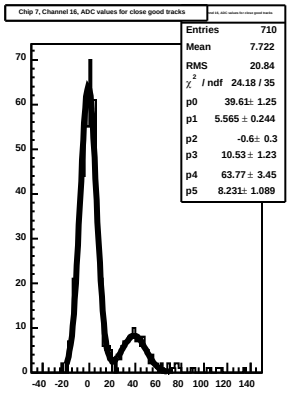

Chip 7, Channel 11, ADC values for close good tracks
Entries 709
Mean 8.972
RMS 19.88
χ² / ndf 42.9 / 39
p0 39.03 ± 0.95
p1 5.304 ± 0.196
p2 0.6525 ± 0.3290
p3 -8.235 ± 0.818
p4 60.37 ± 3.13
p5 9.649 ± 1.284

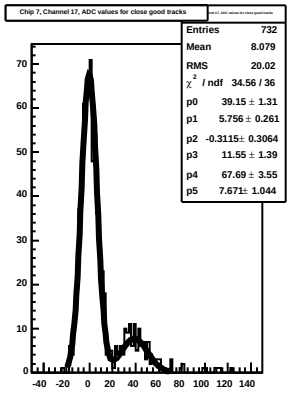

Chip 7, Channel 12, ADC values for close good tracks
Entries 671
Mean 7.849
RMS 19.78
χ² / ndf 42.53 / 37
p0 43.17 ± 1.61
p1 5.848 ± 0.280
p2 -0.08504 ± 0.33848
p3 11.36 ± 1.35
p4 57.96 ± 3.10
p5 6.294 ± 0.896

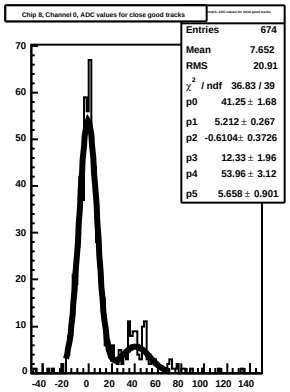

Chip 7, Channel 13, ADC values for close good tracks
Entries 676
Mean 7.419
RMS 19.62
χ² / ndf 43.51 / 36
p0 40.65 ± 1.24
p1 5.348 ± 0.240
p2 -0.1267 ± 0.3510
p3 -9.09 ± 1.47
p4 58.41 ± 3.18
p5 6.58 ± 1.16

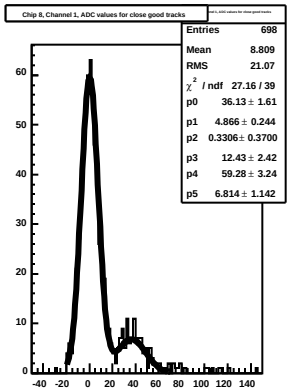

Chip 7, Channel 14, ADC values for close good tracks
Entries 730
Mean 9.034
RMS 21.88
χ² / ndf 54.43 / 36
p0 44.46 ± 2.35
p1 6.752 ± 0.436
p2 -0.02681 ± 0.28916
p3 14.15 ± 2.37
p4 67.94 ± 3.73
p5 6.356 ± 0.874

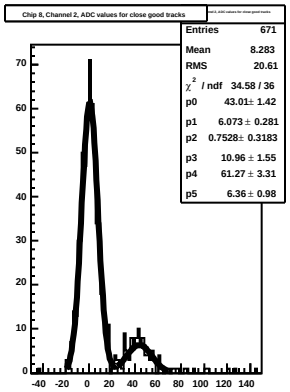

Chip 7, Channel 15, ADC values for close good tracks
Entries 686
Mean 7.732
RMS 20.2
χ² / ndf 53.83 / 39
p0 37.12 ± 2.01
p1 5.297 ± 0.294
p2 -0.6897 ± 0.3563
p3 13.6 ± 3.1
p4 59.59 ± 3.31
p5 5.576 ± 1.033

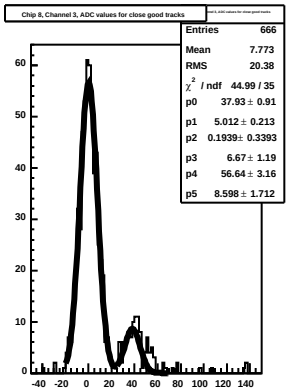

Chip 7, Channel 16, ADC values for close good tracks
Entries 710
Mean 7.722
RMS 20.84
χ² / ndf 24.18 / 35
p0 39.61 ± 1.25
p1 5.565 ± 0.244
p2 -0.6 ± 0.3
p3 10.53 ± 1.23
p4 63.77 ± 3.45
p5 8.231 ± 1.089

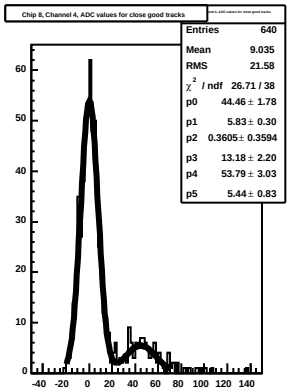

Chip 7, Channel 17, ADC values for close good tracks
Entries 732
Mean 8.079
RMS 20.02
χ² / ndf 34.56 / 36
p0 39.15 ± 1.31
p1 5.756 ± 0.261
p2 -0.3115 ± 0.3064
p3 11.55 ± 1.39
p4 67.69 ± 3.55
p5 7.671 ± 1.044

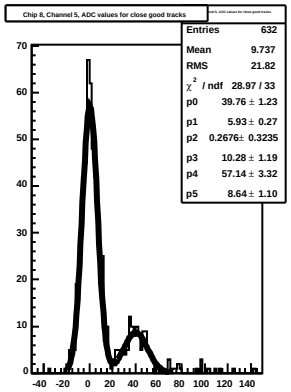

Chip 8, Channel 0, ADC values for close good tracks
Entries 674
Mean 7.652
RMS 20.91
χ² / ndf 36.83 / 39
p0 41.25 ± 1.68
p1 5.212 ± 0.267
p2 -0.6104 ± 0.3726
p3 12.33 ± 1.96
p4 53.96 ± 3.12
p5 5.658 ± 0.901

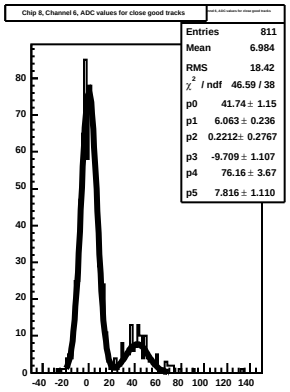

Chip 8, Channel 1, ADC values for close good tracks
Entries 698
Mean 8.809
RMS 21.07
χ² / ndf 27.16 / 39
p0 36.13 ± 1.61
p1 4.866 ± 0.244
p2 0.3306 ± 0.3700
p3 12.43 ± 2.42
p4 59.28 ± 3.24
p5 6.814 ± 1.142

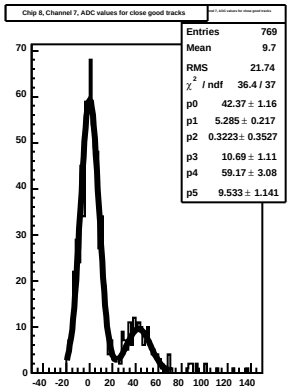

Chip 8, Channel 2, ADC values for close good tracks
Entries 671
Mean 8.283
RMS 20.61
χ² / ndf 34.58 / 36
p0 43.01 ± 1.42
p1 6.073 ± 0.281
p2 0.7528 ± 0.3183
p3 10.96 ± 1.55
p4 61.27 ± 3.31
p5 6.36 ± 0.98

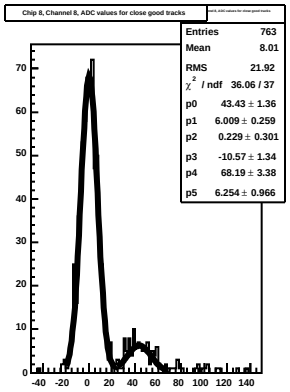

Chip 8, Channel 3, ADC values for close good tracks
Entries 666
Mean 7.773
RMS 20.38
χ² / ndf 44.99 / 35
p0 37.93 ± 0.91
p1 5.012 ± 0.213
p2 0.1939 ± 0.3393
p3 6.67 ± 1.19
p4 56.64 ± 3.16
p5 8.598 ± 1.712

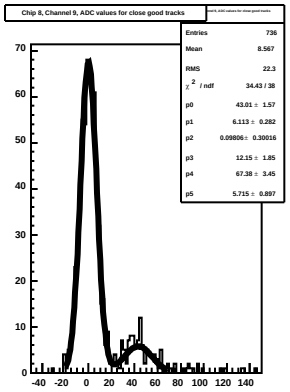

Chip 8, Channel 4, ADC values for close good tracks
Entries 640
Mean 9.035
RMS 21.58
χ² / ndf 26.71 / 38
p0 44.46 ± 1.78
p1 5.83 ± 0.30
p2 0.3605 ± 0.3594
p3 13.18 ± 2.20
p4 53.79 ± 3.03
p5 5.44 ± 0.83

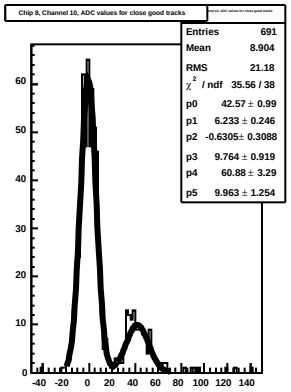

Chip 8, Channel 5, ADC values for close good tracks
Entries 632
Mean 9.737
RMS 21.82
χ² / ndf 28.97 / 33
p0 39.76 ± 1.23
p1 5.93 ± 0.27
p2 0.2676 ± 0.3235
p3 10.28 ± 1.19
p4 57.14 ± 3.32
p5 8.64 ± 1.10

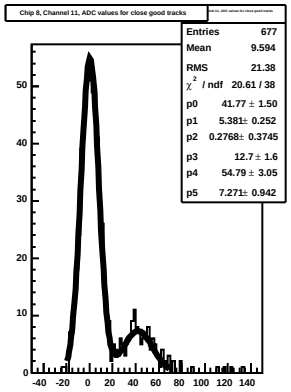

Chip 8, Channel 6, ADC values for close good tracks
Entries 811
Mean 6.984
RMS 18.42
χ² / ndf 46.59 / 38
p0 41.74 ± 1.15
p1 6.063 ± 0.236
p2 0.2212 ± 0.2767
p3 -9.709 ± 1.107
p4 76.16 ± 3.67
p5 7.816 ± 1.110

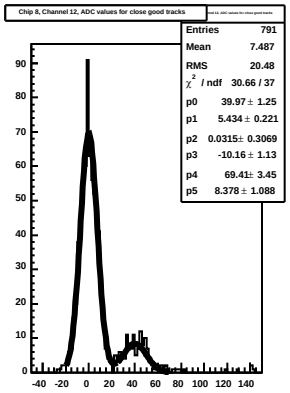

Chip 8, Channel 7, ADC values for close good tracks
Entries 769
Mean 9.7
RMS 21.74
χ² / ndf 36.4 / 37
p0 42.37 ± 1.16
p1 5.285 ± 0.217
p2 0.3223 ± 0.3527
p3 10.69 ± 1.11
p4 59.17 ± 3.08
p5 9.533 ± 1.141

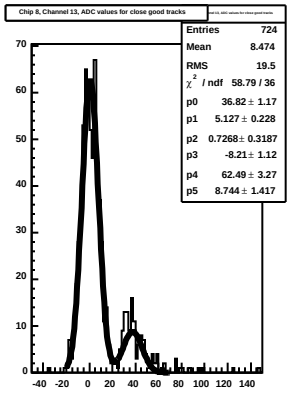

Chip 8, Channel 8, ADC values for close good tracks
Entries 763
Mean 8.01
RMS 21.92
χ² / ndf 36.06 / 37
p0 43.43 ± 1.36
p1 6.009 ± 0.259
p2 0.229 ± 0.301
p3 -10.57 ± 1.34
p4 68.19 ± 3.38
p5 6.254 ± 0.966

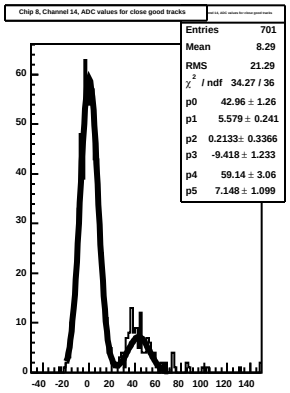

Chip 8, Channel 9, ADC values for close good tracks
Entries 736
Mean 8.567
RMS 22.3
χ² / ndf 34.43 / 38
p0 43.01 ± 1.57
p1 6.113 ± 0.282
p2 0.09806 ± 0.30016
p3 12.15 ± 1.85
p4 67.38 ± 3.45
p5 5.715 ± 0.897

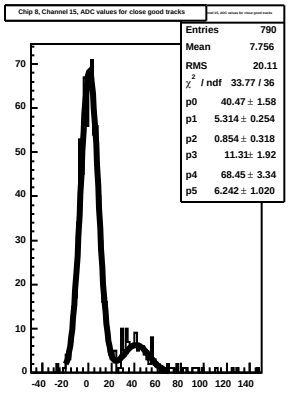

Chip 8, Channel 10, ADC values for close good tracks
Entries 691
Mean 8.904
RMS 21.18
χ² / ndf 35.56 / 38
p0 42.57 ± 0.99
p1 6.233 ± 0.246
p2 -0.6305 ± 0.3088
p3 9.764 ± 0.919
p4 60.88 ± 3.29
p5 9.963 ± 1.254

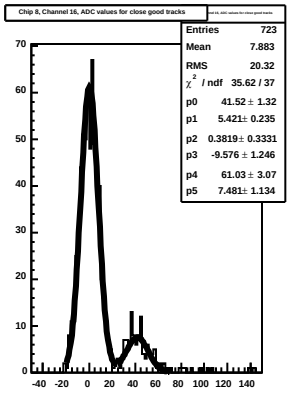

Chip 8, Channel 11, ADC values for close good tracks
Entries 677
Mean 9.594
RMS 21.38
χ² / ndf 20.61 / 38
p0 41.77 ± 1.50
p1 5.381 ± 0.252
p2 0.2768 ± 0.3745
p3 12.7 ± 1.6
p4 54.79 ± 3.05
p5 7.271 ± 0.942

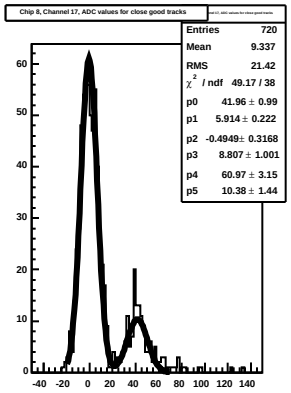

Chip 8, Channel 12, ADC values for close good tracks
Entries 791
Mean 7.487
RMS 20.48
χ² / ndf 30.66 / 37
p0 39.97 ± 1.25
p1 5.434 ± 0.221
p2 0.0315 ± 0.3069
p3 -10.16 ± 1.13
p4 69.41 ± 3.45
p5 8.378 ± 1.088

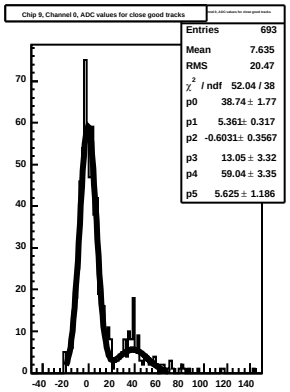

Chip 8, Channel 13, ADC values for close good tracks
Entries 724
Mean 8.474
RMS 19.5
χ² / ndf 58.79 / 36
p0 36.82 ± 1.17
p1 5.127 ± 0.228
p2 0.7268 ± 0.3187
p3 -8.21 ± 1.12
p4 62.49 ± 3.27
p5 8.744 ± 1.417

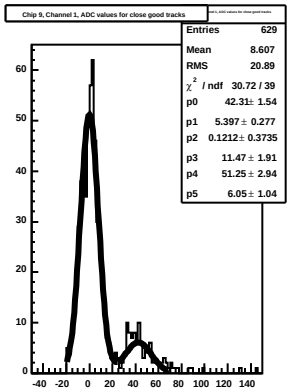

Chip 8, Channel 14, ADC values for close good tracks
Entries 701
Mean 8.29
RMS 21.29
χ² / ndf 34.27 / 36
p0 42.96 ± 1.26
p1 5.579 ± 0.241
p2 0.2133 ± 0.3366
p3 -9.418 ± 1.233
p4 59.14 ± 3.06
p5 7.148 ± 1.099

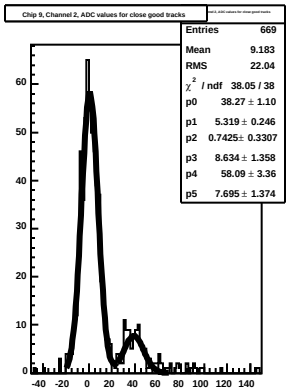

Chip 8, Channel 15, ADC values for close good tracks
Entries 790
Mean 7.756
RMS 20.11
χ² / ndf 33.77 / 36
p0 40.47 ± 1.58
p1 5.314 ± 0.254
p2 0.854 ± 0.318
p3 11.31 ± 1.92
p4 68.45 ± 3.34
p5 6.242 ± 1.020

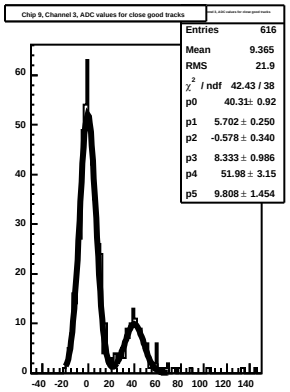

Chip 8, Channel 16, ADC values for close good tracks
Entries 723
Mean 7.883
RMS 20.32
χ² / ndf 35.62 / 37
p0 41.52 ± 1.32
p1 5.421 ± 0.235
p2 0.3819 ± 0.3331
p3 -9.576 ± 1.246
p4 61.03 ± 3.07
p5 7.481 ± 1.134

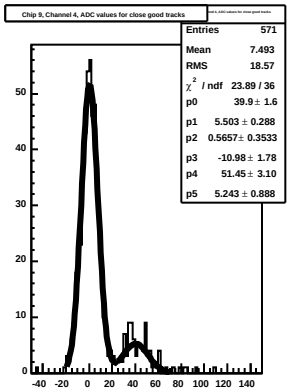

Chip 8, Channel 17, ADC values for close good tracks
Entries 720
Mean 9.337
RMS 21.42
χ² / ndf 49.17 / 38
p0 41.96 ± 0.99
p1 5.914 ± 0.222
p2 -0.4949 ± 0.3168
p3 8.807 ± 1.001
p4 60.97 ± 3.15
p5 10.38 ± 1.44

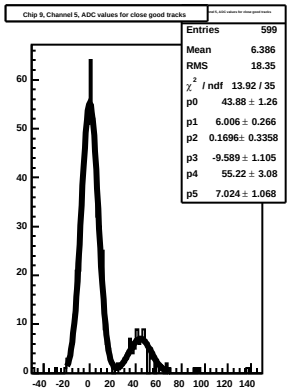

Chip 9, Channel 0, ADC values for close good tracks
Entries 693
Mean 7.635
RMS 20.47
χ² / ndf 52.04 / 38
p0 38.74 ± 1.77
p1 5.361 ± 0.317
p2 -0.6031 ± 0.3567
p3 13.05 ± 3.32
p4 59.04 ± 3.35
p5 5.625 ± 1.186

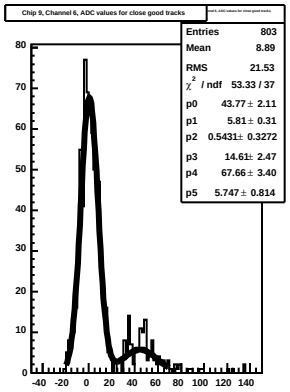

Chip 9, Channel 1, ADC values for close good tracks
Entries 629
Mean 8.607
RMS 20.89
χ² / ndf 30.72 / 39
p0 42.31 ± 1.54
p1 5.397 ± 0.277
p2 0.1212 ± 0.3735
p3 11.47 ± 1.91
p4 51.25 ± 2.94
p5 6.05 ± 1.04

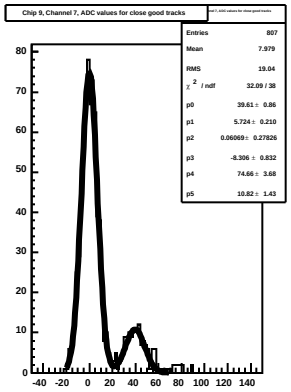

Chip 9, Channel 2, ADC values for close good tracks
Entries 669
Mean 9.183
RMS 22.04
χ² / ndf 38.05 / 38
p0 38.27 ± 1.10
p1 5.319 ± 0.246
p2 0.7425 ± 0.3307
p3 8.634 ± 1.358
p4 58.09 ± 3.36
p5 7.695 ± 1.374

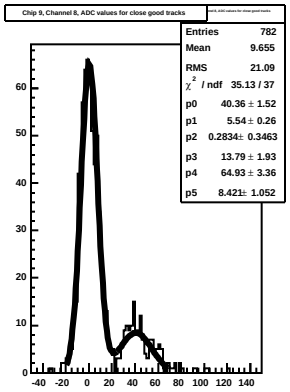

Chip 9, Channel 3, ADC values for close good tracks
Entries 616
Mean 9.365
RMS 21.9
χ² / ndf 42.43 / 38
p0 40.31 ± 0.92
p1 5.702 ± 0.250
p2 -0.578 ± 0.340
p3 8.333 ± 0.986
p4 51.98 ± 3.15
p5 9.808 ± 1.454

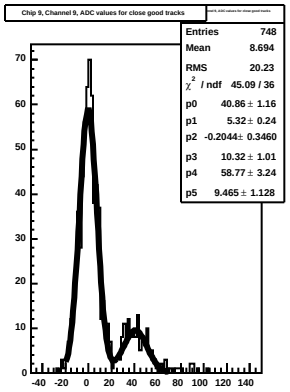

Chip 9, Channel 4, ADC values for close good tracks
Entries 571
Mean 7.493
RMS 18.57
χ² / ndf 23.89 / 36
p0 39.9 ± 1.6
p1 5.503 ± 0.288
p2 0.5657 ± 0.3533
p3 -10.98 ± 1.78
p4 51.45 ± 3.10
p5 5.243 ± 0.888

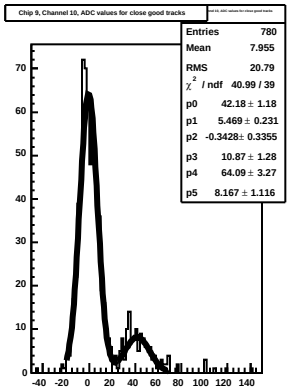

Chip 9, Channel 5, ADC values for close good tracks
Entries 599
Mean 6.386
RMS 18.35
χ² / ndf 13.92 / 35
p0 43.88 ± 1.26
p1 6.006 ± 0.266
p2 0.1696 ± 0.3358
p3 -9.589 ± 1.105
p4 55.22 ± 3.08
p5 7.024 ± 1.068

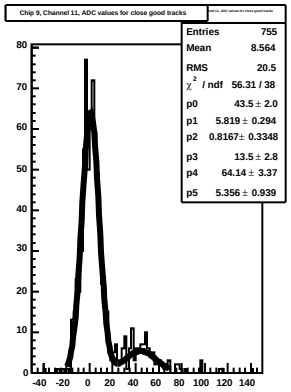

Chip 9, Channel 6, ADC values for close good tracks
Entries 803
Mean 8.89
RMS 21.53
χ² / ndf 53.33 / 37
p0 43.77 ± 2.11
p1 5.81 ± 0.31
p2 0.5431 ± 0.3272
p3 14.61 ± 2.47
p4 67.66 ± 3.40
p5 5.747 ± 0.814

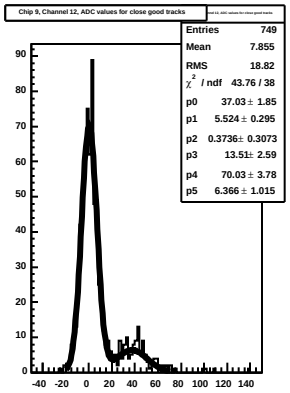

Chip 9, Channel 7, ADC values for close good tracks
Entries 807
Mean 7.979
RMS 19.04
χ² / ndf 32.09 / 38
p0 39.61 ± 0.86
p1 5.724 ± 0.210
p2 0.06069 ± 0.27826
p3 -8.306 ± 0.832
p4 74.66 ± 3.68
p5 10.82 ± 1.43

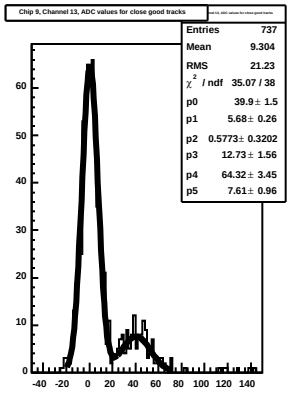

Chip 9, Channel 8, ADC values for close good tracks
Entries 782
Mean 9.655
RMS 21.09
χ² / ndf 35.13 / 37
p0 40.36 ± 1.52
p1 5.54 ± 0.26
p2 0.2834 ± 0.3463
p3 13.79 ± 1.93
p4 64.93 ± 3.36
p5 8.421 ± 1.052

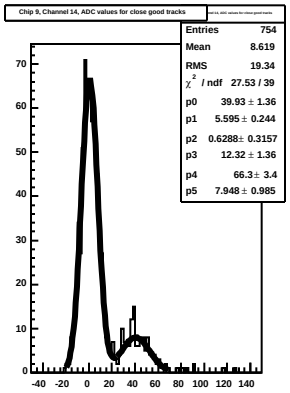

Chip 9, Channel 9, ADC values for close good tracks
Entries 748
Mean 8.694
RMS 20.23
χ² / ndf 45.09 / 36
p0 40.86 ± 1.16
p1 5.32 ± 0.24
p2 -0.2044 ± 0.3460
p3 10.32 ± 1.01
p4 58.77 ± 3.24
p5 9.465 ± 1.128

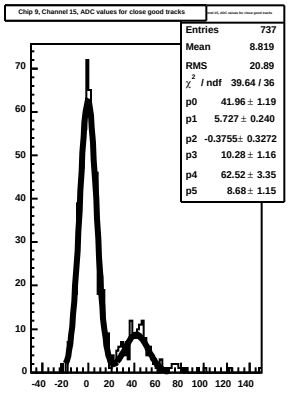

Chip 9, Channel 10, ADC values for close good tracks
Entries 780
Mean 7.955
RMS 20.79
χ² / ndf 40.99 / 39
p0 42.18 ± 1.18
p1 5.469 ± 0.231
p2 -0.3428 ± 0.3355
p3 10.87 ± 1.28
p4 64.09 ± 3.27
p5 8.167 ± 1.116

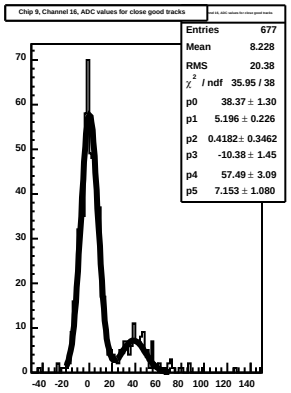

Chip 9, Channel 11, ADC values for close good tracks
Entries 755
Mean 8.564
RMS 20.5
χ² / ndf 56.31 / 38
p0 43.5 ± 2.0
p1 5.819 ± 0.294
p2 0.8167 ± 0.3348
p3 13.5 ± 2.8
p4 64.14 ± 3.37
p5 5.356 ± 0.939

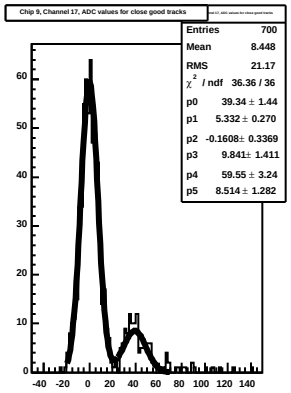

Chip 9, Channel 12, ADC values for close good tracks
Entries 749
Mean 7.855
RMS 18.82
χ² / ndf 43.76 / 38
p0 37.03 ± 1.85
p1 5.524 ± 0.295
p2 0.3736 ± 0.3073
p3 13.51 ± 2.59
p4 70.03 ± 3.78
p5 6.366 ± 1.015

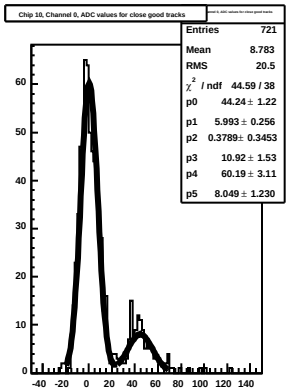

Chip 9, Channel 13, ADC values for close good tracks
Entries 737
Mean 9.304
RMS 21.23
χ² / ndf 35.07 / 38
p0 39.9 ± 1.5
p1 5.68 ± 0.26
p2 0.5773 ± 0.3202
p3 12.73 ± 1.56
p4 64.32 ± 3.45
p5 7.61 ± 0.96

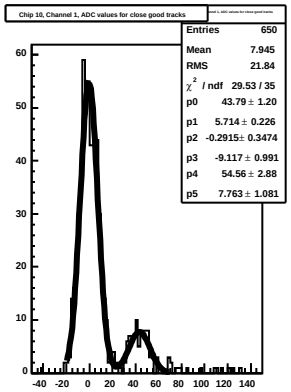

Chip 9, Channel 14, ADC values for close good tracks
Entries 754
Mean 8.619
RMS 19.34
χ² / ndf 27.53 / 39
p0 39.93 ± 1.36
p1 5.595 ± 0.244
p2 0.6288 ± 0.3157
p3 12.32 ± 1.36
p4 66.3 ± 3.4
p5 7.948 ± 0.985

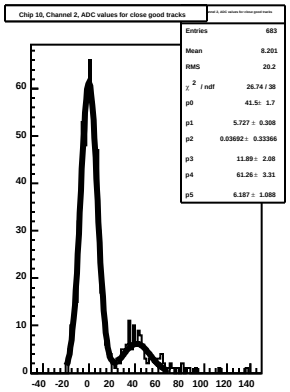

Chip 9, Channel 15, ADC values for close good tracks
Entries 737
Mean 8.819
RMS 20.89
χ² / ndf 39.64 / 36
p0 41.96 ± 1.19
p1 5.727 ± 0.240
p2 -0.3755 ± 0.3272
p3 10.28 ± 1.16
p4 62.52 ± 3.35
p5 8.68 ± 1.15

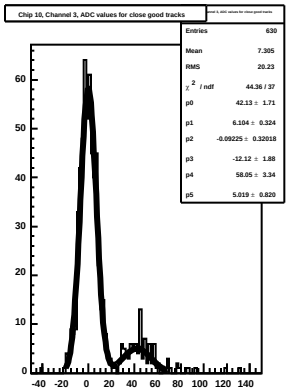

Chip 9, Channel 16, ADC values for close good tracks
Entries 677
Mean 8.228
RMS 20.38
χ² / ndf 35.95 / 38
p0 38.37 ± 1.30
p1 5.196 ± 0.226
p2 0.4182 ± 0.3462
p3 -10.38 ± 1.45
p4 57.49 ± 3.09
p5 7.153 ± 1.080

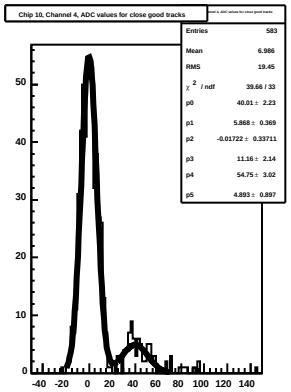

Chip 9, Channel 17, ADC values for close good tracks
Entries 700
Mean 8.448
RMS 21.17
χ² / ndf 36.36 / 36
p0 39.34 ± 1.44
p1 5.332 ± 0.270
p2 -0.1608 ± 0.3369
p3 9.841 ± 1.411
p4 59.55 ± 3.24
p5 8.514 ± 1.282

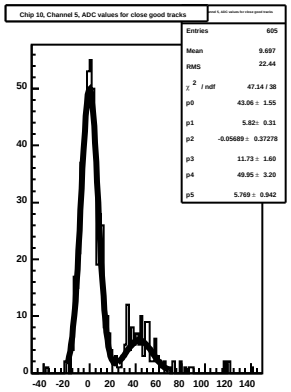

Chip 10, Channel 0, ADC values for close good tracks
Entries 721
Mean 8.783
RMS 20.5
χ² / ndf 44.59 / 38
p0 44.24 ± 1.22
p1 5.993 ± 0.256
p2 0.3789 ± 0.3453
p3 10.92 ± 1.53
p4 60.19 ± 3.11
p5 8.049 ± 1.230

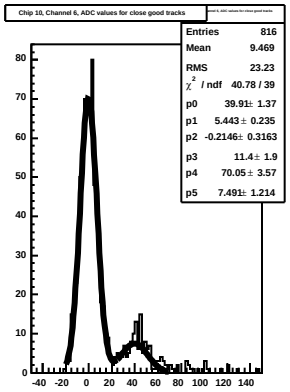

Chip 10, Channel 1, ADC values for close good tracks
Entries 650
Mean 7.945
RMS 21.84
χ² / ndf 29.53 / 35
p0 43.79 ± 1.20
p1 5.714 ± 0.226
p2 -0.2915 ± 0.3474
p3 -9.117 ± 0.991
p4 54.56 ± 2.88
p5 7.763 ± 1.081

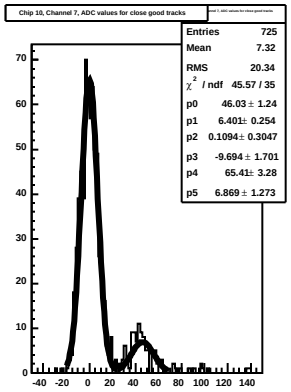

Chip 10, Channel 2, ADC values for close good tracks
Entries 683
Mean 8.201
RMS 20.2
χ² / ndf 26.74 / 38
p0 41.5 ± 1.7
p1 5.727 ± 0.308
p2 0.03692 ± 0.33366
p3 11.89 ± 2.08
p4 61.26 ± 3.31
p5 6.187 ± 1.088

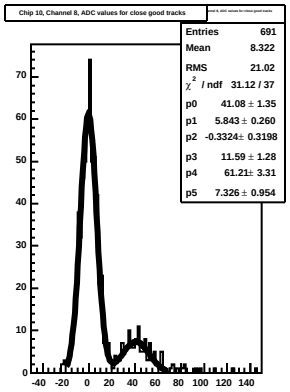

Chip 10, Channel 3, ADC values for close good tracks
Entries 630
Mean 7.305
RMS 20.23
χ² / ndf 44.36 / 37
p0 42.13 ± 1.71
p1 6.104 ± 0.324
p2 -0.09225 ± 0.32018
p3 -12.12 ± 1.88
p4 58.05 ± 3.34
p5 5.019 ± 0.820

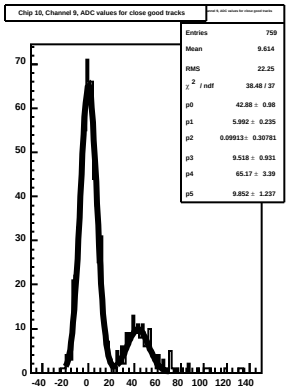

Chip 10, Channel 4, ADC values for close good tracks
Entries 583
Mean 6.986
RMS 19.45
χ² / ndf 39.66 / 33
p0 40.01 ± 2.23
p1 5.868 ± 0.369
p2 -0.01722 ± 0.33711
p3 11.16 ± 2.14
p4 54.75 ± 3.02
p5 4.893 ± 0.897

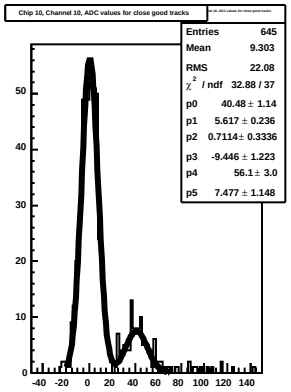

Chip 10, Channel 5, ADC values for close good tracks
Entries 605
Mean 9.697
RMS 22.44
χ² / ndf 47.14 / 38
p0 43.06 ± 1.55
p1 5.82 ± 0.31
p2 -0.05689 ± 0.37278
p3 11.73 ± 1.60
p4 49.95 ± 3.20
p5 5.769 ± 0.942

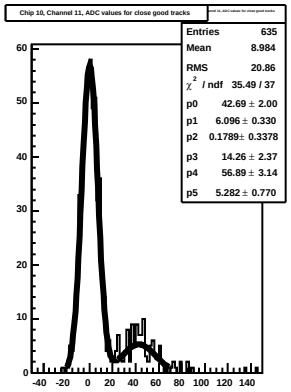

Chip 10, Channel 6, ADC values for close good tracks
Entries 816
Mean 9.469
RMS 23.23
χ² / ndf 40.78 / 39
p0 39.91 ± 1.37
p1 5.443 ± 0.235
p2 -0.2146 ± 0.3163
p3 11.4 ± 1.9
p4 70.05 ± 3.57
p5 7.491 ± 1.214

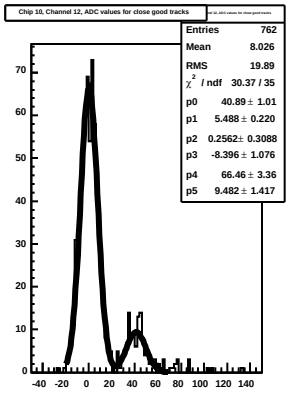

Chip 10, Channel 7, ADC values for close good tracks
Entries 725
Mean 7.32
RMS 20.34
χ² / ndf 45.57 / 35
p0 46.03 ± 1.24
p1 6.401 ± 0.254
p2 0.1094 ± 0.3047
p3 -9.694 ± 1.701
p4 65.41 ± 3.28
p5 6.869 ± 1.273

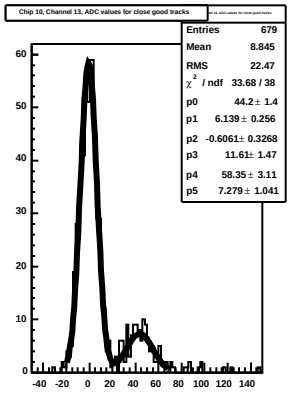

Chip 10, Channel 8, ADC values for close good tracks
Entries 691
Mean 8.322
RMS 21.02
χ² / ndf 31.12 / 37
p0 41.08 ± 1.35
p1 5.843 ± 0.260
p2 -0.3324 ± 0.3198
p3 11.59 ± 1.28
p4 61.21 ± 3.31
p5 7.326 ± 0.954

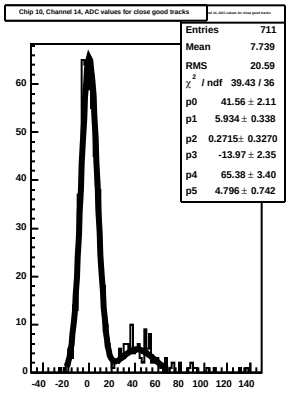

Chip 10, Channel 9, ADC values for close good tracks
Entries 759
Mean 9.614
RMS 22.25
χ² / ndf 38.48 / 37
p0 42.88 ± 0.98
p1 5.992 ± 0.235
p2 0.09913 ± 0.30781
p3 9.518 ± 0.931
p4 65.17 ± 3.39
p5 9.852 ± 1.237

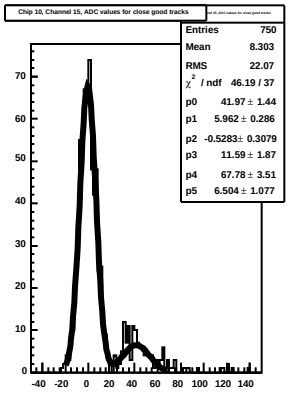

Chip 10, Channel 10, ADC values for close good tracks
Entries 645
Mean 9.303
RMS 22.08
χ² / ndf 32.88 / 37
p0 40.48 ± 1.14
p1 5.617 ± 0.236
p2 0.7114 ± 0.3336
p3 -9.446 ± 1.223
p4 56.1 ± 3.0
p5 7.477 ± 1.148

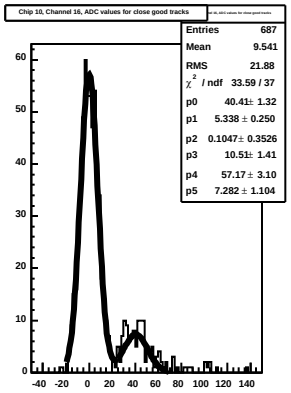

Chip 10, Channel 11, ADC values for close good tracks
Entries 635
Mean 8.984
RMS 20.86
χ² / ndf 35.49 / 37
p0 42.69 ± 2.00
p1 6.096 ± 0.330
p2 0.1789 ± 0.3378
p3 14.26 ± 2.37
p4 56.89 ± 3.14
p5 5.282 ± 0.770

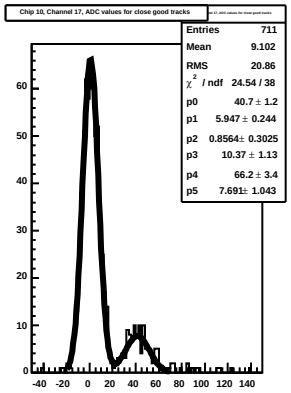

Chip 10, Channel 12, ADC values for close good tracks
Entries 762
Mean 8.026
RMS 19.89
χ² / ndf 30.37 / 35
p0 40.89 ± 1.01
p1 5.488 ± 0.220
p2 0.2562 ± 0.3088
p3 -8.396 ± 1.076
p4 66.46 ± 3.36
p5 9.482 ± 1.417

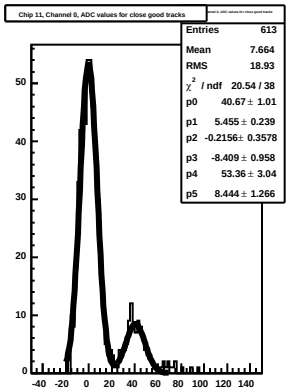

Chip 10, Channel 13, ADC values for close good tracks
Entries 679
Mean 8.845
RMS 22.47
χ² / ndf 33.68 / 38
p0 44.2 ± 1.4
p1 6.139 ± 0.256
p2 -0.6061 ± 0.3268
p3 11.61 ± 1.47
p4 58.35 ± 3.11
p5 7.279 ± 1.041

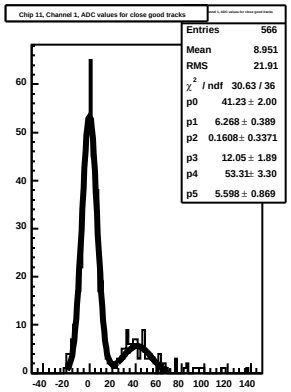

Chip 10, Channel 14, ADC values for close good tracks
Entries 711
Mean 7.739
RMS 20.59
χ² / ndf 39.43 / 36
p0 41.56 ± 2.11
p1 5.934 ± 0.338
p2 0.2715 ± 0.3270
p3 -13.97 ± 2.35
p4 65.38 ± 3.40
p5 4.796 ± 0.742

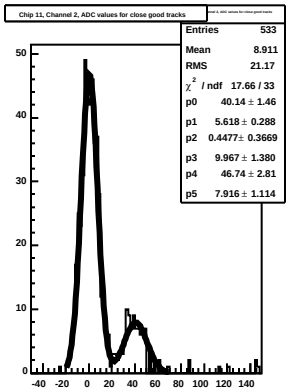

Chip 10, Channel 15, ADC values for close good tracks
Entries 750
Mean 8.303
RMS 22.07
χ² / ndf 46.19 / 37
p0 41.97 ± 1.44
p1 5.962 ± 0.286
p2 -0.5283 ± 0.3079
p3 11.59 ± 1.87
p4 67.78 ± 3.51
p5 6.504 ± 1.077

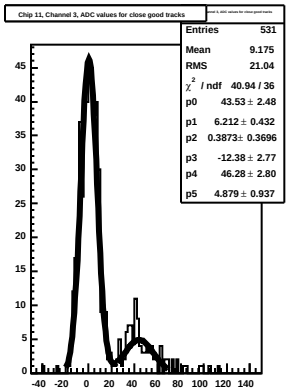

Chip 10, Channel 16, ADC values for close good tracks
Entries 687
Mean 9.541
RMS 21.88
χ² / ndf 33.59 / 37
p0 40.41 ± 1.32
p1 5.338 ± 0.250
p2 0.1047 ± 0.3526
p3 10.51 ± 1.41
p4 57.17 ± 3.10
p5 7.282 ± 1.104

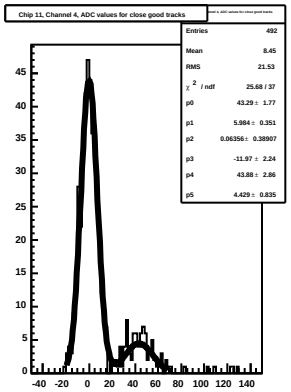

Chip 10, Channel 17, ADC values for close good tracks
Entries 711
Mean 9.102
RMS 20.86
χ² / ndf 24.54 / 38
p0 40.7 ± 1.2
p1 5.947 ± 0.244
p2 0.8564 ± 0.3025
p3 10.37 ± 1.13
p4 66.2 ± 3.4
p5 7.691 ± 1.043

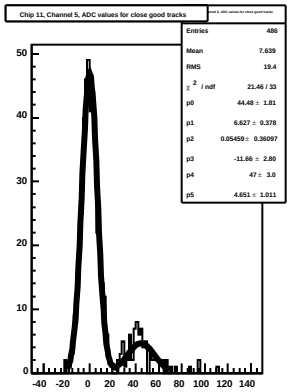

Chip 11, Channel 0, ADC values for close good tracks
Entries 613
Mean 7.664
RMS 18.93
χ² / ndf 20.54 / 38
p0 40.67 ± 1.01
p1 5.455 ± 0.239
p2 -0.2156 ± 0.3578
p3 -8.409 ± 0.958
p4 53.36 ± 3.04
p5 8.444 ± 1.266

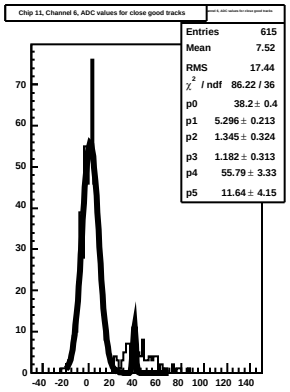

Chip 11, Channel 1, ADC values for close good tracks
Entries 566
Mean 8.951
RMS 21.91
χ² / ndf 30.63 / 36
p0 41.23 ± 2.00
p1 6.268 ± 0.389
p2 0.1608 ± 0.3371
p3 12.05 ± 1.89
p4 53.31 ± 3.30
p5 5.598 ± 0.869

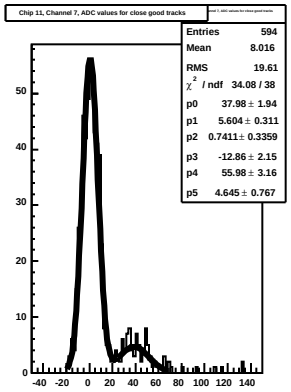

Chip 11, Channel 2, ADC values for close good tracks
Entries 533
Mean 8.911
RMS 21.17
χ² / ndf 17.66 / 33
p0 40.14 ± 1.46
p1 5.618 ± 0.288
p2 0.4477 ± 0.3669
p3 9.967 ± 1.380
p4 46.74 ± 2.81
p5 7.916 ± 1.114

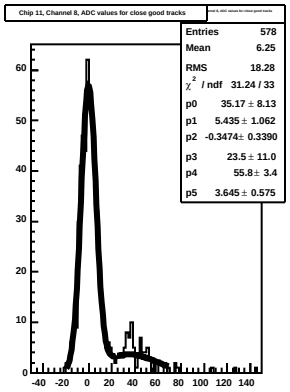

Chip 11, Channel 3, ADC values for close good tracks
Entries 531
Mean 9.175
RMS 21.04
χ² / ndf 40.94 / 36
p0 43.53 ± 2.48
p1 6.212 ± 0.432
p2 0.3873 ± 0.3696
p3 -12.38 ± 2.77
p4 46.28 ± 2.80
p5 4.879 ± 0.937

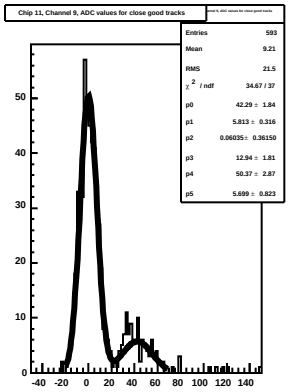

Chip 11, Channel 4, ADC values for close good tracks
Entries 492
Mean 8.45
RMS 21.53
χ² / ndf 25.68 / 37
p0 43.29 ± 1.77
p1 5.984 ± 0.351
p2 0.06356 ± 0.38907
p3 -11.97 ± 2.24
p4 43.88 ± 2.86
p5 4.429 ± 0.835

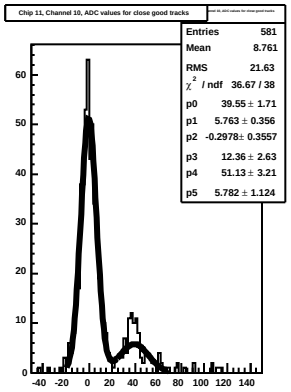

Chip 11, Channel 5, ADC values for close good tracks
Entries 486
Mean 7.639
RMS 19.4
χ² / ndf 21.46 / 33
p0 44.48 ± 1.81
p1 6.627 ± 0.378
p2 0.05459 ± 0.36097
p3 -11.66 ± 2.80
p4 47 ± 3.0
p5 4.651 ± 1.011

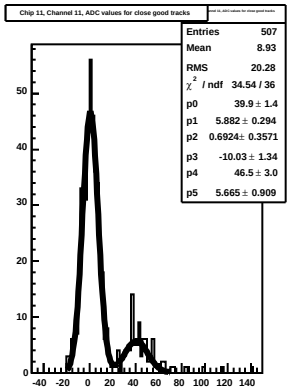

Chip 11, Channel 6, ADC values for close good tracks
Entries 615
Mean 7.52
RMS 17.44
χ² / ndf 86.22 / 36
p0 38.2 ± 0.4
p1 5.296 ± 0.213
p2 1.345 ± 0.324
p3 1.182 ± 0.313
p4 55.79 ± 3.33
p5 11.64 ± 4.15

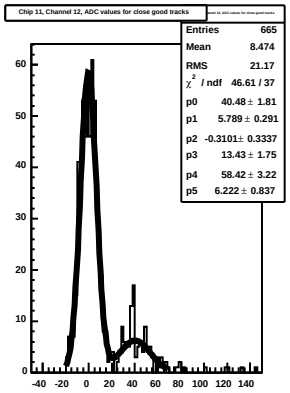

Chip 11, Channel 7, ADC values for close good tracks
Entries 594
Mean 8.016
RMS 19.61
χ² / ndf 34.08 / 38
p0 37.98 ± 1.94
p1 5.604 ± 0.311
p2 0.7411 ± 0.3359
p3 -12.86 ± 2.15
p4 55.98 ± 3.16
p5 4.645 ± 0.767

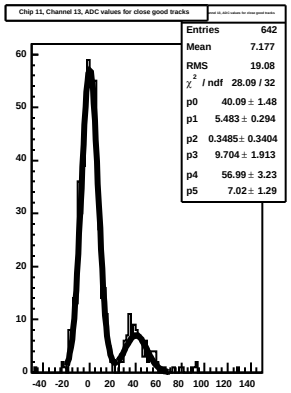

Chip 11, Channel 8, ADC values for close good tracks
Entries 578
Mean 6.25
RMS 18.28
χ² / ndf 31.24 / 33
p0 35.17 ± 8.13
p1 5.435 ± 1.062
p2 -0.3474 ± 0.3390
p3 23.5 ± 11.0
p4 55.8 ± 3.4
p5 3.645 ± 0.575

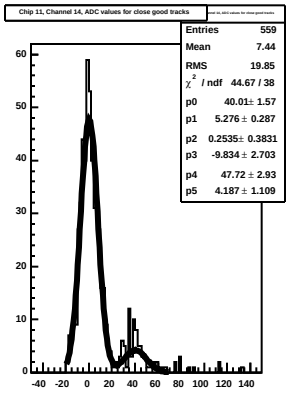

Chip 11, Channel 9, ADC values for close good tracks
Entries 593
Mean 9.21
RMS 21.5
χ² / ndf 34.67 / 37
p0 42.29 ± 1.84
p1 5.813 ± 0.316
p2 0.06035 ± 0.36150
p3 12.94 ± 1.81
p4 50.37 ± 2.87
p5 5.699 ± 0.823

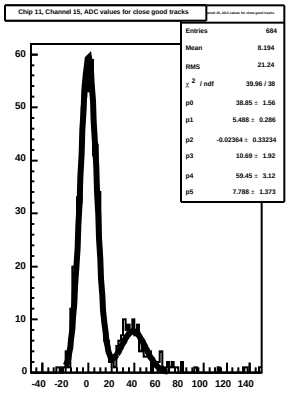

Chip 11, Channel 10, ADC values for close good tracks
Entries 581
Mean 8.761
RMS 21.63
χ² / ndf 36.67 / 38
p0 39.55 ± 1.71
p1 5.763 ± 0.356
p2 -0.2978 ± 0.3557
p3 12.36 ± 2.63
p4 51.13 ± 3.21
p5 5.782 ± 1.124

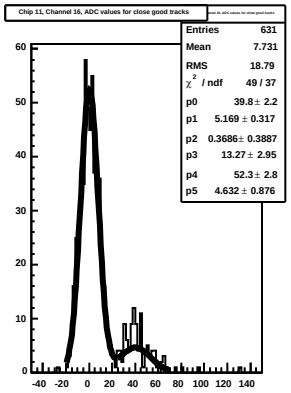

Chip 11, Channel 11, ADC values for close good tracks
Entries 507
Mean 8.93
RMS 20.28
χ² / ndf 34.54 / 36
p0 39.9 ± 1.4
p1 5.882 ± 0.294
p2 0.6924 ± 0.3571
p3 -10.03 ± 1.34
p4 46.5 ± 3.0
p5 5.665 ± 0.909

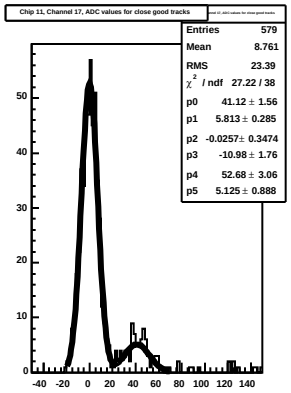

Chip 11, Channel 12, ADC values for close good tracks
Entries 665
Mean 8.474
RMS 21.17
χ² / ndf 46.61 / 37
p0 40.48 ± 1.81
p1 5.789 ± 0.291
p2 -0.3101 ± 0.3337
p3 13.43 ± 1.75
p4 58.42 ± 3.22
p5 6.222 ± 0.837

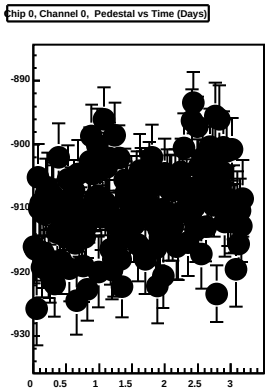

Chip 11, Channel 13, ADC values for close good tracks
Entries 642
Mean 7.177
RMS 19.08
χ² / ndf 28.09 / 32
p0 40.09 ± 1.48
p1 5.483 ± 0.294
p2 0.3485 ± 0.3404
p3 9.704 ± 1.913
p4 56.99 ± 3.23
p5 7.02 ± 1.29

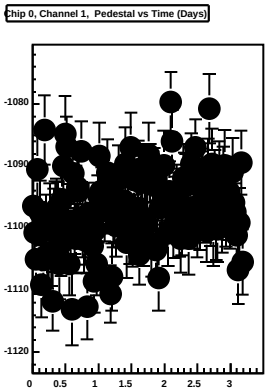

Chip 11, Channel 14, ADC values for close good tracks
Entries 559
Mean 7.44
RMS 19.85
χ² / ndf 44.67 / 38
p0 40.01 ± 1.57
p1 5.276 ± 0.287
p2 0.2535 ± 0.3831
p3 -9.834 ± 2.703
p4 47.72 ± 2.93
p5 4.187 ± 1.109

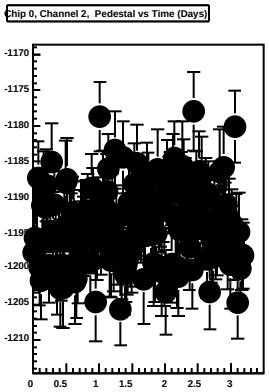

Chip 11, Channel 15, ADC values for close good tracks
Entries 684
Mean 8.194
RMS 21.24
χ² / ndf 39.96 / 38
p0 38.85 ± 1.56
p1 5.488 ± 0.286
p2 -0.02364 ± 0.33234
p3 10.69 ± 1.92
p4 59.45 ± 3.12
p5 7.788 ± 1.373

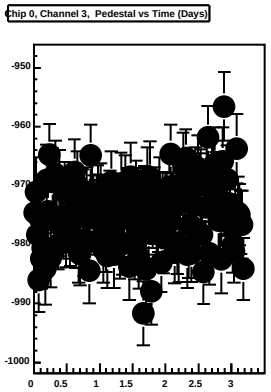

Chip 11, Channel 16, ADC values for close good tracks
Entries 631
Mean 7.731
RMS 18.79
χ² / ndf 49 / 37
p0 39.8 ± 2.2
p1 5.169 ± 0.317
p2 0.3686 ± 0.3887
p3 13.27 ± 2.95
p4 52.3 ± 2.8
p5 4.632 ± 0.876

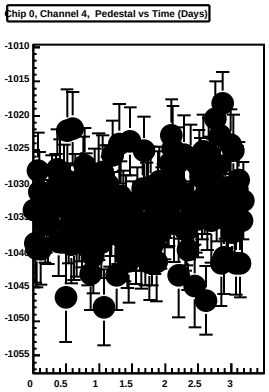

Chip 11, Channel 17, ADC values for close good tracks
Entries 579
Mean 8.761
RMS 23.39
χ² / ndf 27.22 / 38
p0 41.12 ± 1.56
p1 5.813 ± 0.285
p2 -0.0257 ± 0.3474
p3 -10.98 ± 1.76
p4 52.68 ± 3.06
p5 5.125 ± 0.888

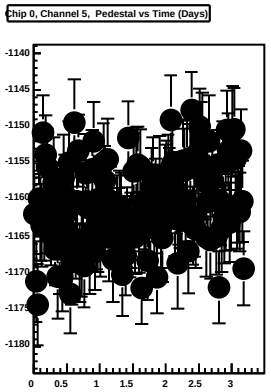

Chip 0, Channel 0, Pedestal vs Time (Days)

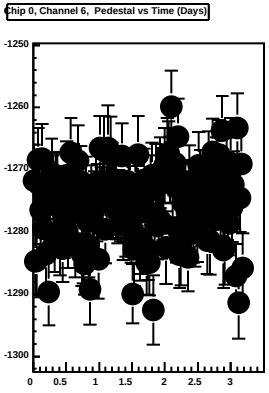

Chip 0, Channel 1, Pedestal vs Time (Days)

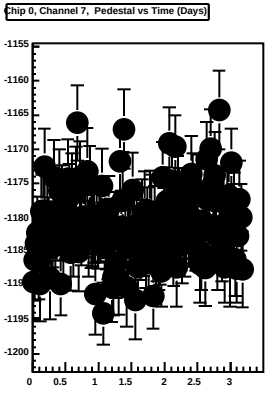

Chip 0, Channel 2, Pedestal vs Time (Days)

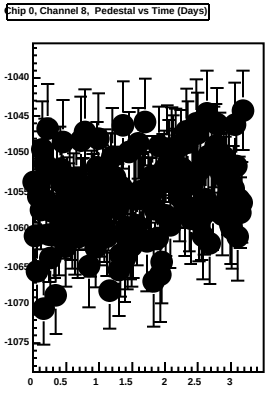

Chip 0, Channel 3, Pedestal vs Time (Days)

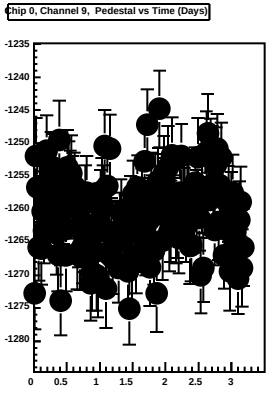

Chip 0, Channel 4, Pedestal vs Time (Days)

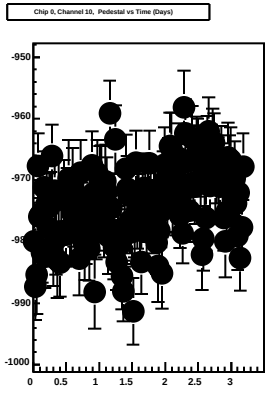

Chip 0, Channel 5, Pedestal vs Time (Days)

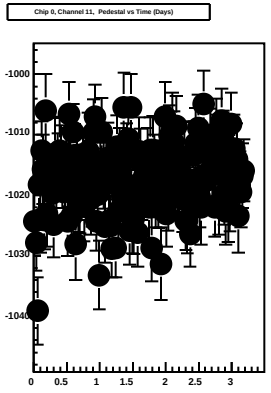

Chip 0, Channel 6, Pedestal vs Time (Days)

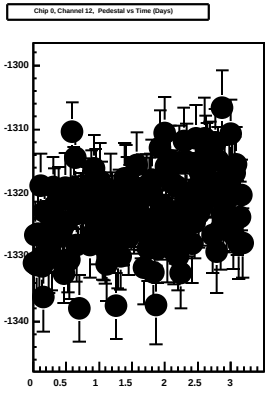

Chip 0, Channel 7, Pedestal vs Time (Days)

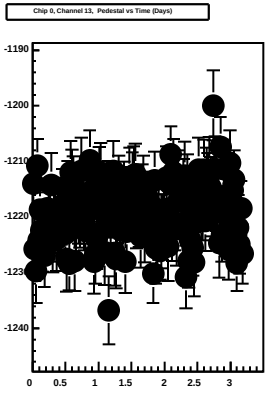

Chip 0, Channel 8, Pedestal vs Time (Days)

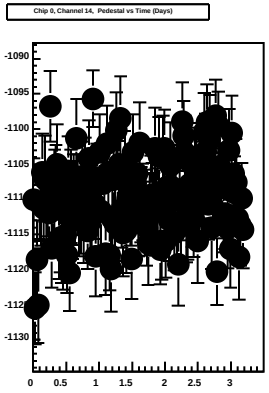

Chip 0, Channel 9, Pedestal vs Time (Days)

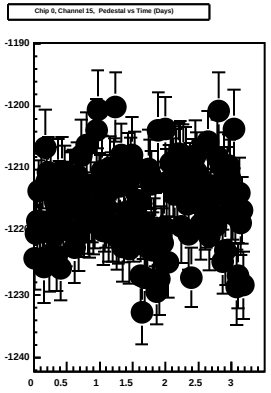

Chip 0, Channel 10, Pedestal vs Time (Days)

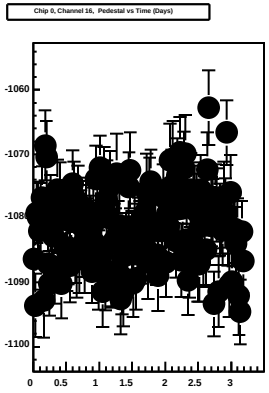

Chip 0, Channel 11, Pedestal vs Time (Days)

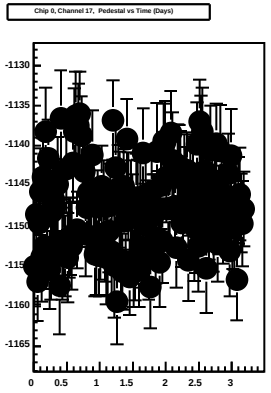

Chip 0, Channel 12, Pedestal vs Time (Days)

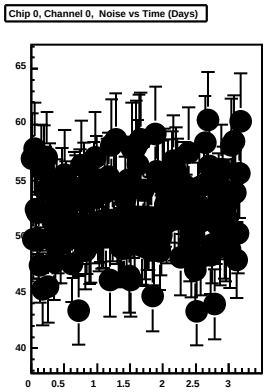

Chip 0, Channel 13, Pedestal vs Time (Days)

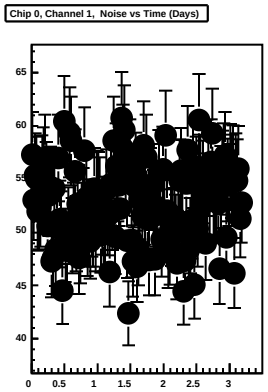

Chip 0, Channel 14, Pedestal vs Time (Days)

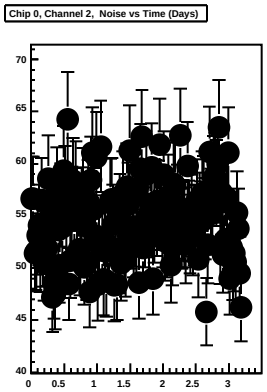

Chip 0, Channel 15, Pedestal vs Time (Days)

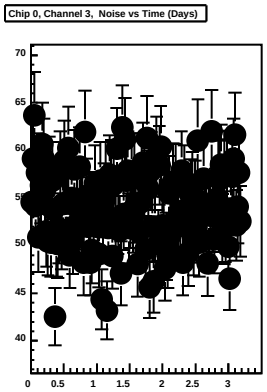

Chip 0, Channel 16, Pedestal vs Time (Days)

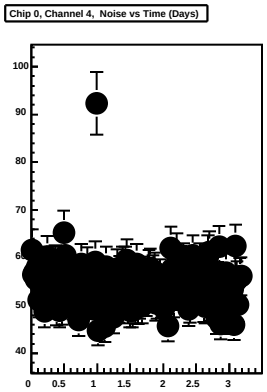

Chip 0, Channel 17, Pedestal vs Time (Days)

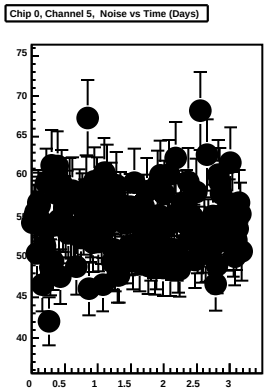

Chip 0, Channel 0, Noise vs Time (Days)

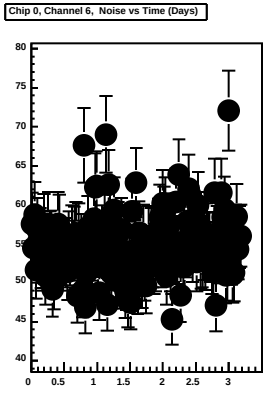

Chip 0, Channel 1, Noise vs Time (Days)

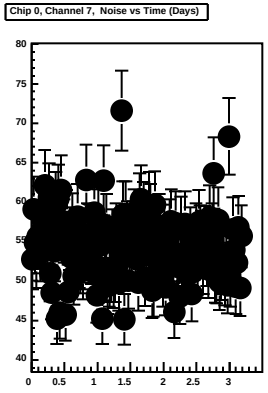

Chip 0, Channel 2, Noise vs Time (Days)

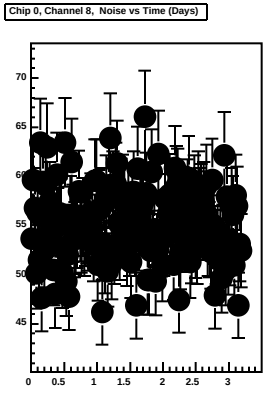

Chip 0, Channel 3, Noise vs Time (Days)

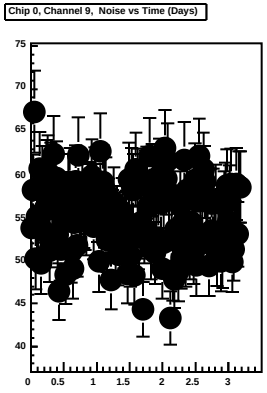

Chip 0, Channel 4, Noise vs Time (Days)

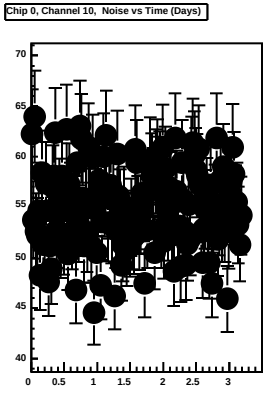

Chip 0, Channel 5, Noise vs Time (Days)

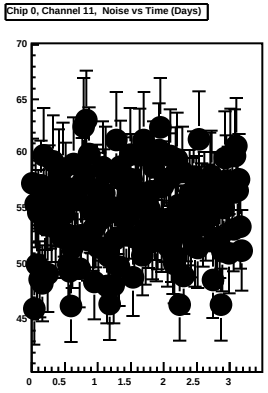

Chip 0, Channel 6, Noise vs Time (Days)

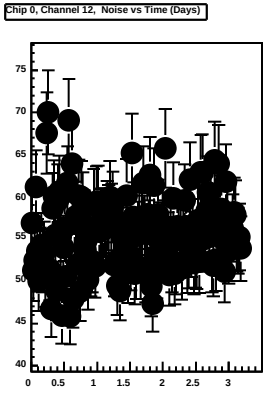

Chip 0, Channel 7, Noise vs Time (Days)

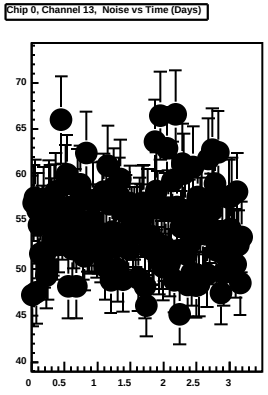

Chip 0, Channel 8, Noise vs Time (Days)

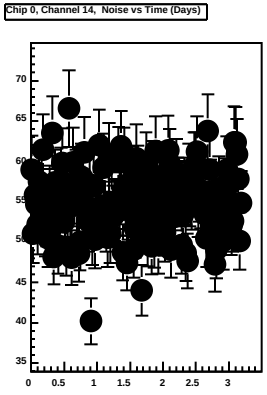

Chip 0, Channel 9, Noise vs Time (Days)

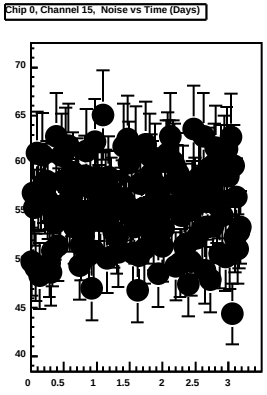

Chip 0, Channel 10, Noise vs Time (Days)

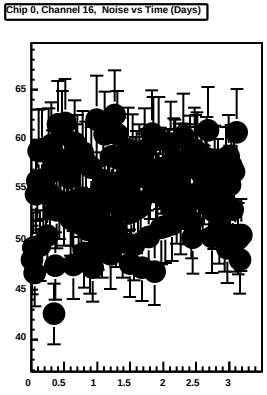

Chip 0, Channel 11, Noise vs Time (Days)

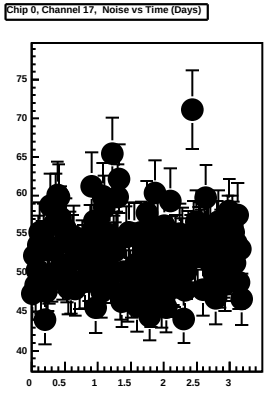

Chip 0, Channel 12, Noise vs Time (Days)

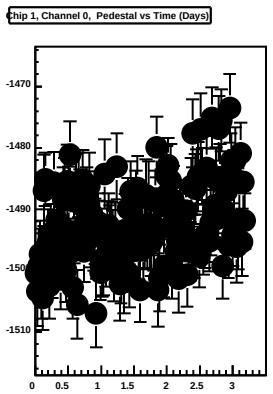

Chip 0, Channel 13, Noise vs Time (Days)

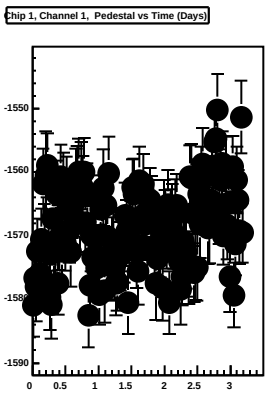

Chip 0, Channel 14, Noise vs Time (Days)

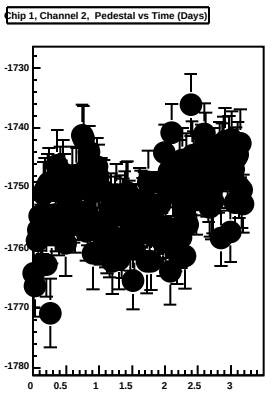

Chip 0, Channel 15, Noise vs Time (Days)

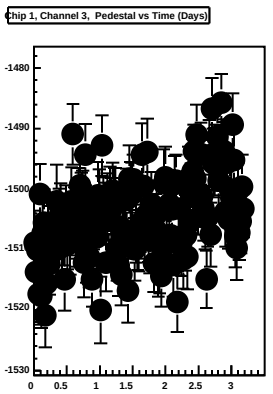

Chip 0, Channel 16, Noise vs Time (Days)

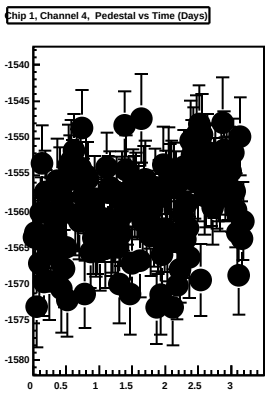

Chip 0, Channel 17, Noise vs Time (Days)

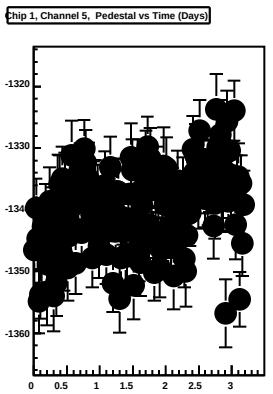

Chip 1, Channel 0, Pedestal vs Time (Days)

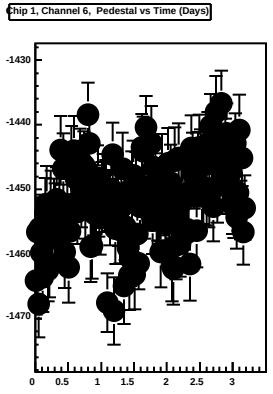

Chip 1, Channel 1, Pedestal vs Time (Days)

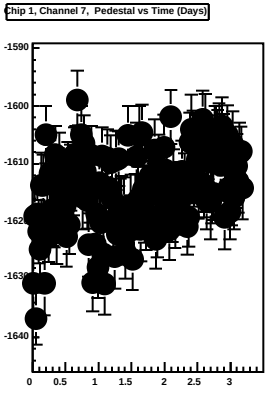

Chip 1, Channel 2, Pedestal vs Time (Days)

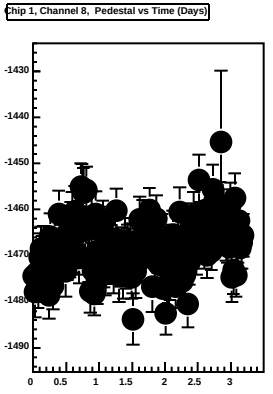

Chip 1, Channel 3, Pedestal vs Time (Days)

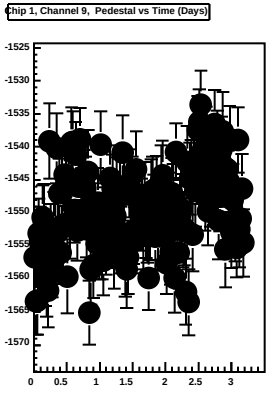

Chip 1, Channel 4, Pedestal vs Time (Days)

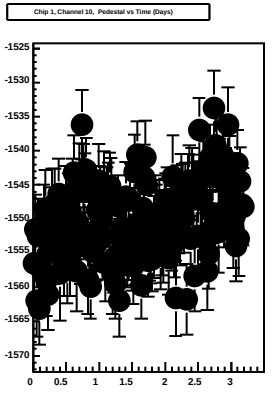

Chip 1, Channel 5, Pedestal vs Time (Days)

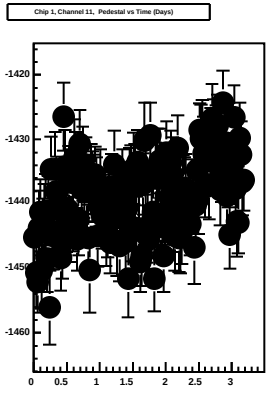

Chip 1, Channel 6, Pedestal vs Time (Days)

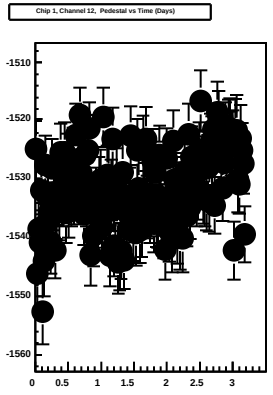

Chip 1, Channel 7, Pedestal vs Time (Days)

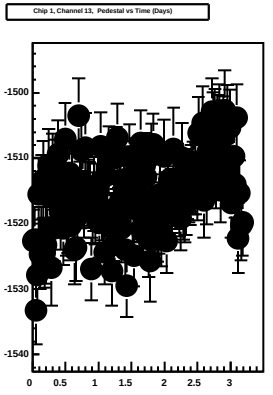

Chip 1, Channel 8, Pedestal vs Time (Days)

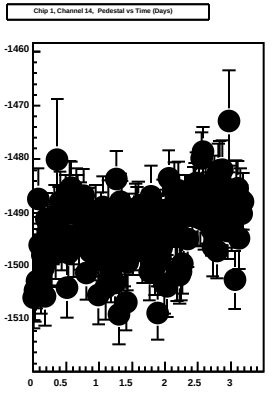

Chip 1, Channel 9, Pedestal vs Time (Days)

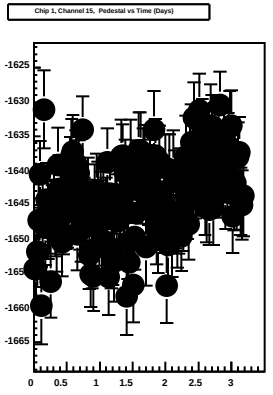

Chip 1, Channel 10, Pedestal vs Time (Days)

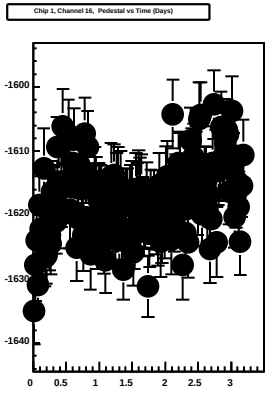

Chip 1, Channel 11, Pedestal vs Time (Days)

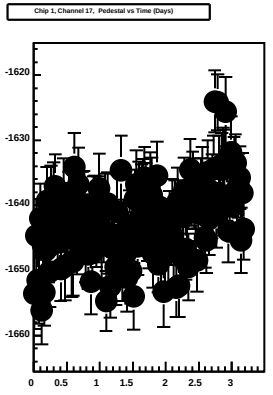

Chip 1, Channel 12, Pedestal vs Time (Days)

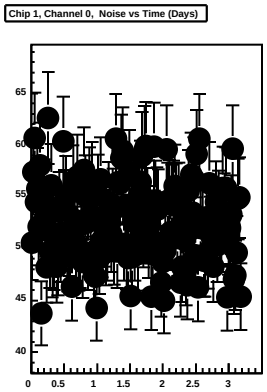

Chip 1, Channel 13, Pedestal vs Time (Days)

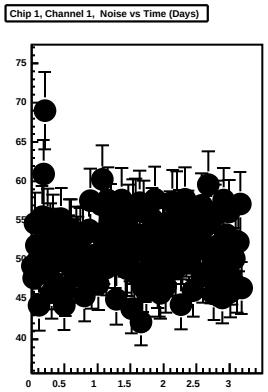

Chip 1, Channel 14, Pedestal vs Time (Days)

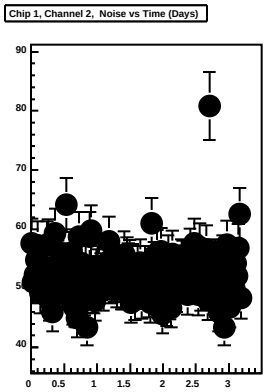

Chip 1, Channel 15, Pedestal vs Time (Days)

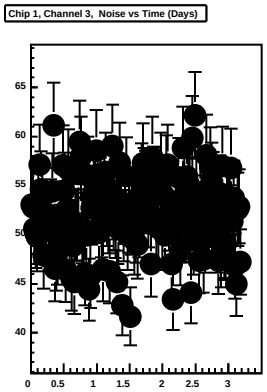

Chip 1, Channel 16, Pedestal vs Time (Days)

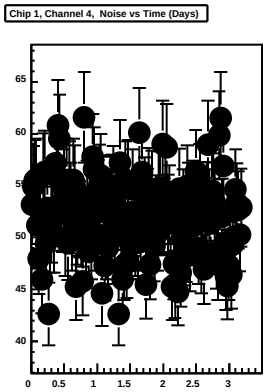

Chip 1, Channel 17, Pedestal vs Time (Days)

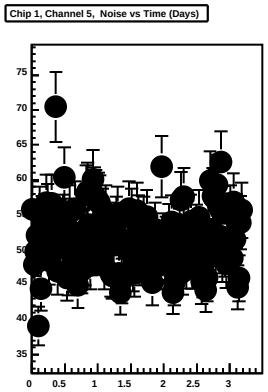

Chip 1, Channel 0, Noise vs Time (Days)

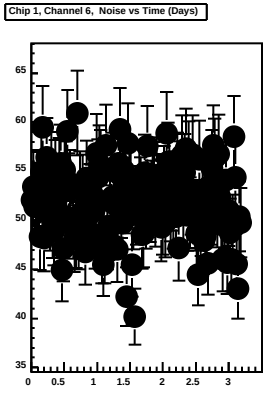

Chip 1, Channel 1, Noise vs Time (Days)

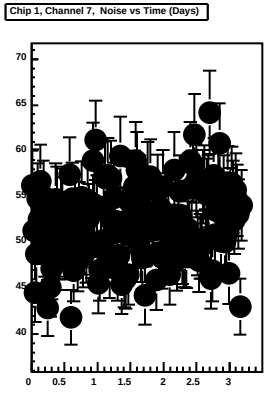

Chip 1, Channel 2, Noise vs Time (Days)

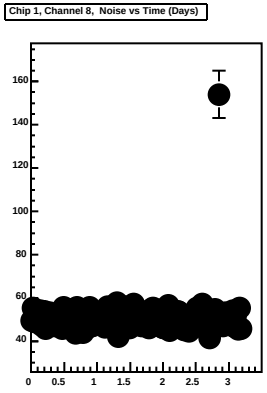

Chip 1, Channel 3, Noise vs Time (Days)

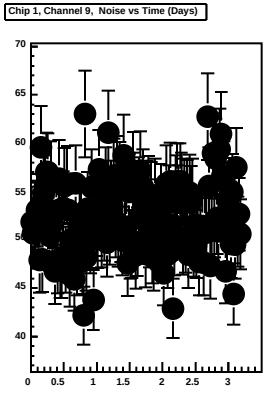

Chip 1, Channel 4, Noise vs Time (Days)

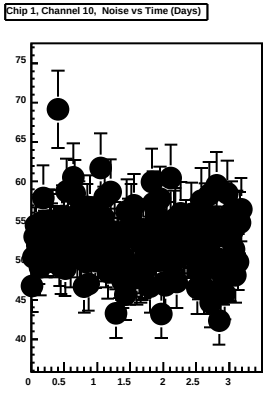

Chip 1, Channel 5, Noise vs Time (Days)

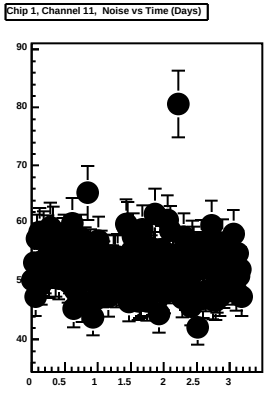

Chip 1, Channel 6, Noise vs Time (Days)

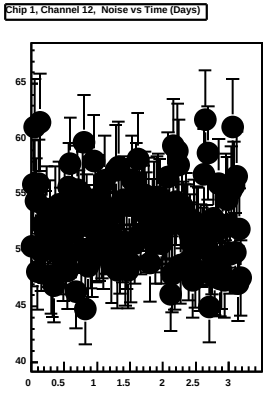

Chip 1, Channel 7, Noise vs Time (Days)

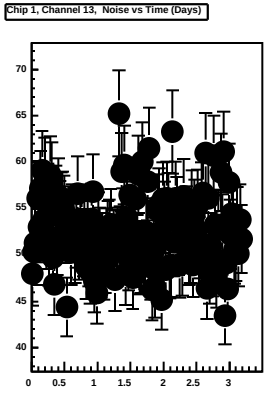

Chip 1, Channel 8, Noise vs Time (Days)

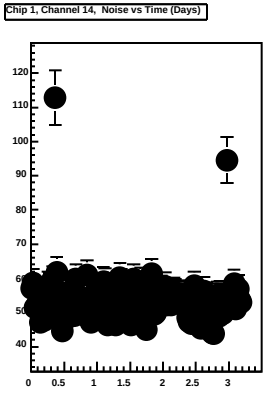

Chip 1, Channel 9, Noise vs Time (Days)

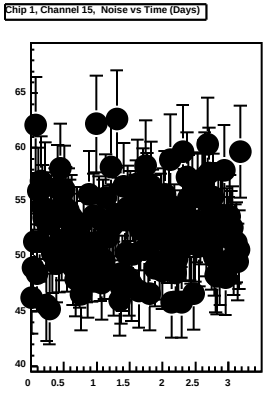

Chip 1, Channel 10, Noise vs Time (Days)

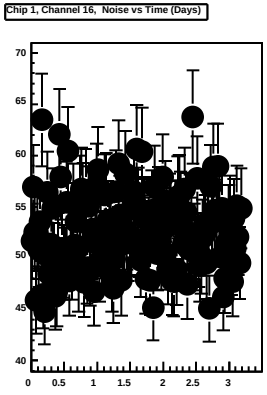

Chip 1, Channel 11, Noise vs Time (Days)

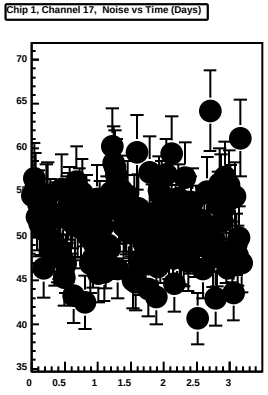

Chip 1, Channel 12, Noise vs Time (Days)

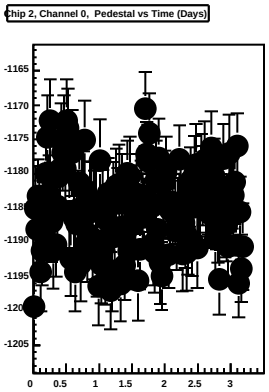

Chip 1, Channel 13, Noise vs Time (Days)

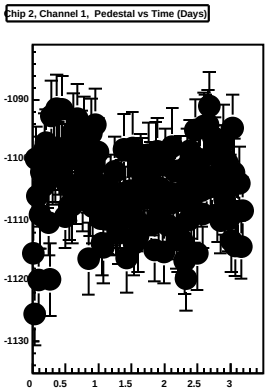

Chip 1, Channel 14, Noise vs Time (Days)

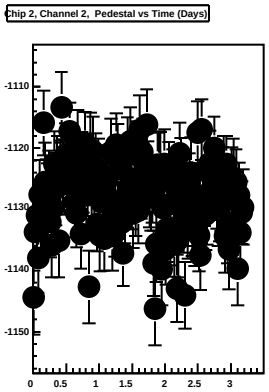

Chip 1, Channel 15, Noise vs Time (Days)

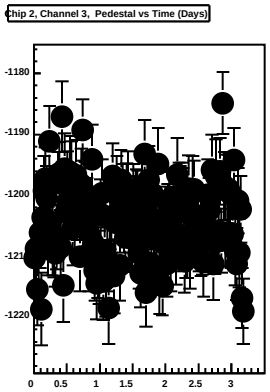

Chip 1, Channel 16, Noise vs Time (Days)

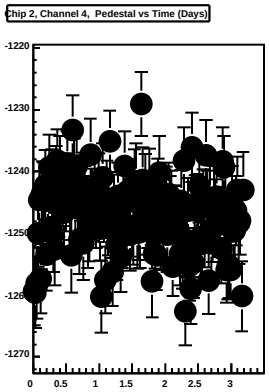

Chip 1, Channel 17, Noise vs Time (Days)

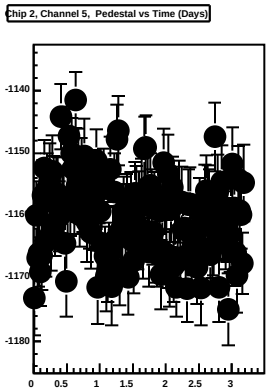

Chip 2, Channel 0, Pedestal vs Time (Days)

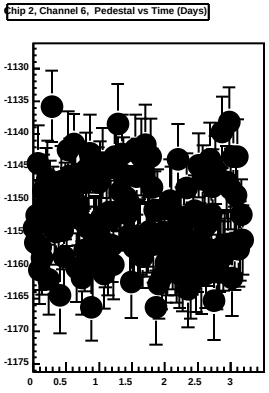

Chip 2, Channel 1, Pedestal vs Time (Days)

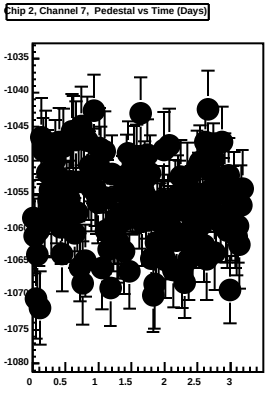

Chip 2, Channel 2, Pedestal vs Time (Days)

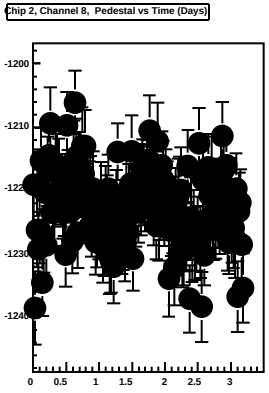

Chip 2, Channel 3, Pedestal vs Time (Days)

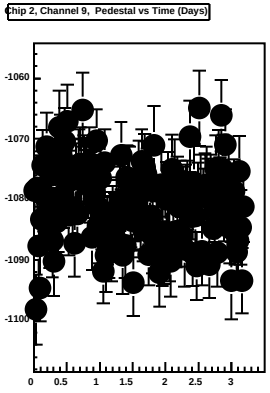

Chip 2, Channel 4, Pedestal vs Time (Days)

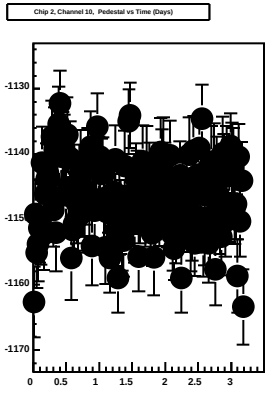

Chip 2, Channel 5, Pedestal vs Time (Days)

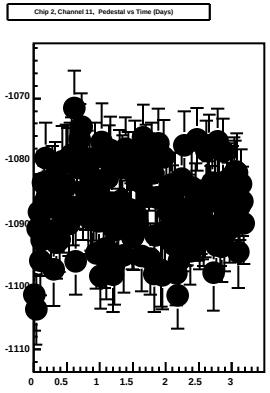

Chip 2, Channel 6, Pedestal vs Time (Days)

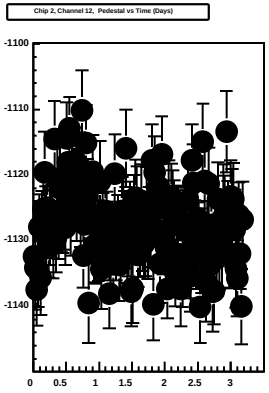

Chip 2, Channel 7, Pedestal vs Time (Days)

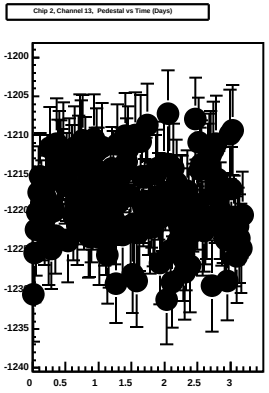

Chip 2, Channel 8, Pedestal vs Time (Days)

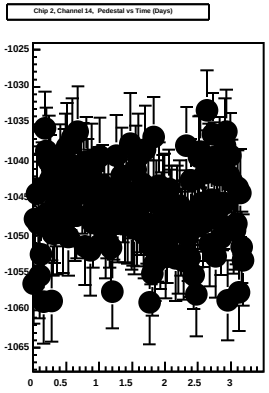

Chip 2, Channel 9, Pedestal vs Time (Days)

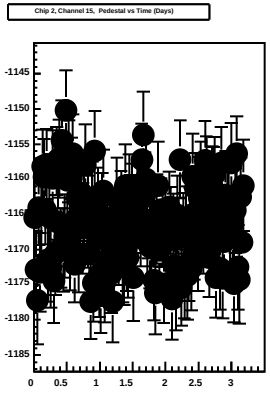

Chip 2, Channel 10, Pedestal vs Time (Days)

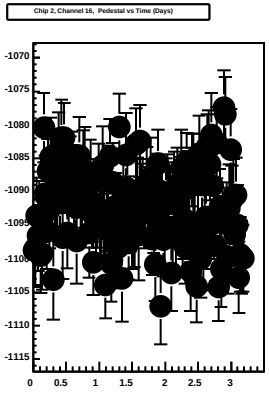

Chip 2, Channel 11, Pedestal vs Time (Days)

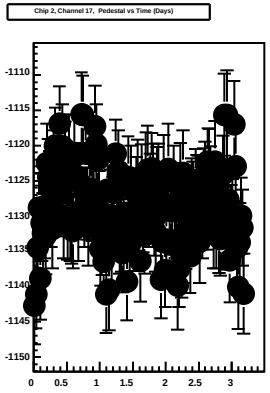

Chip 2, Channel 12, Pedestal vs Time (Days)

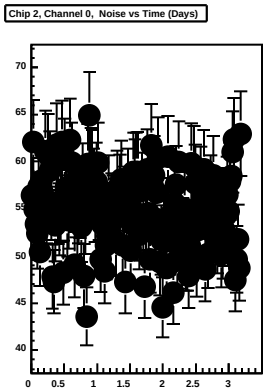

Chip 2, Channel 13, Pedestal vs Time (Days)

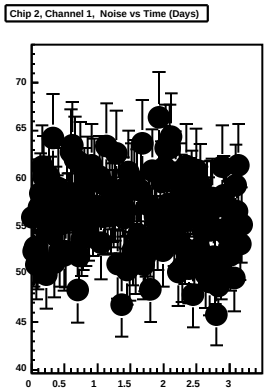

Chip 2, Channel 14, Pedestal vs Time (Days)

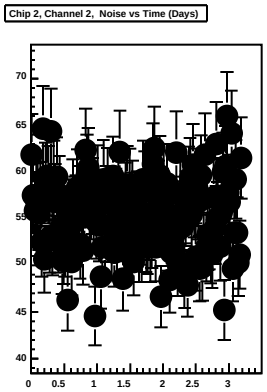

Chip 2, Channel 15, Pedestal vs Time (Days)

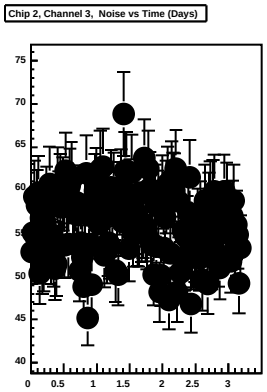

Chip 2, Channel 16, Pedestal vs Time (Days)

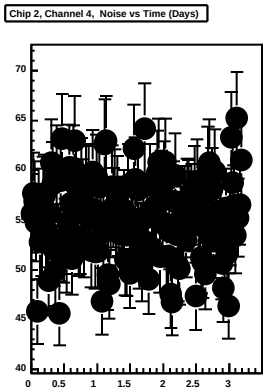

Chip 2, Channel 17, Pedestal vs Time (Days)

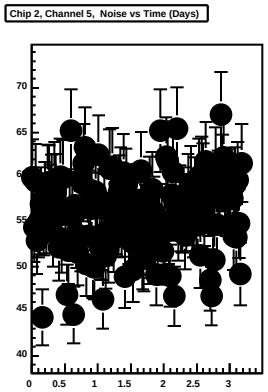

Chip 2, Channel 0, Noise vs Time (Days)

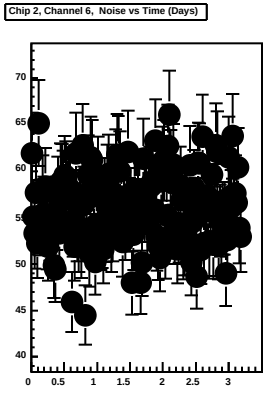

Chip 2, Channel 1, Noise vs Time (Days)

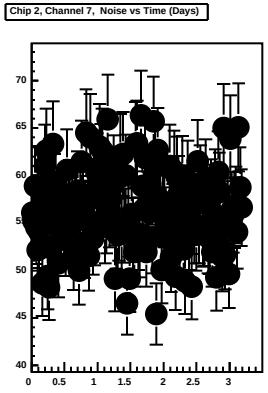

Chip 2, Channel 2, Noise vs Time (Days)

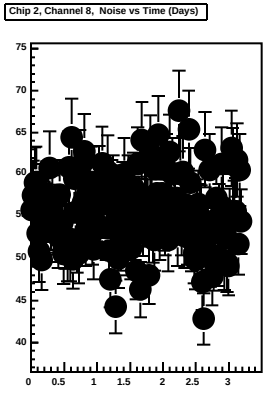

Chip 2, Channel 3, Noise vs Time (Days)

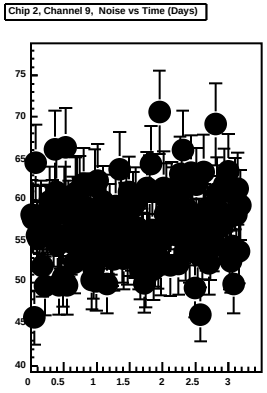

Chip 2, Channel 4, Noise vs Time (Days)

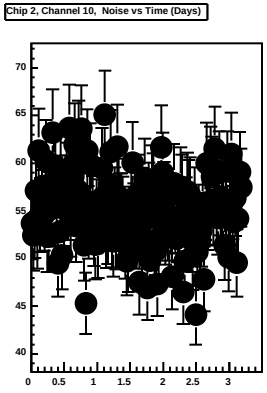

Chip 2, Channel 5, Noise vs Time (Days)

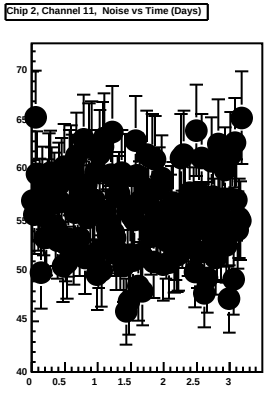

Chip 2, Channel 6, Noise vs Time (Days)

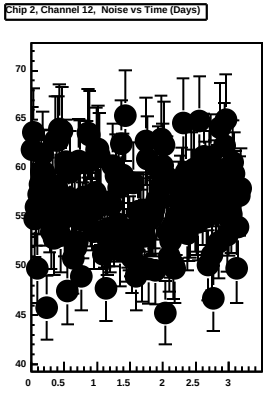

Chip 2, Channel 7, Noise vs Time (Days)

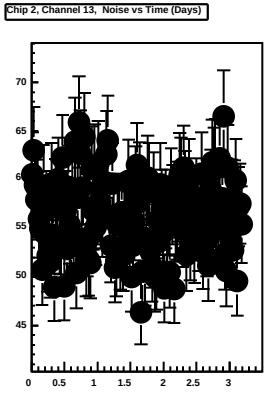

Chip 2, Channel 8, Noise vs Time (Days)

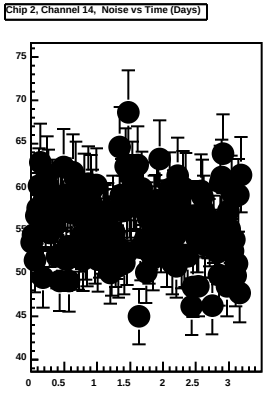

Chip 2, Channel 9, Noise vs Time (Days)

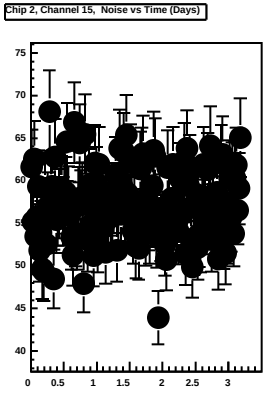

Chip 2, Channel 10, Noise vs Time (Days)

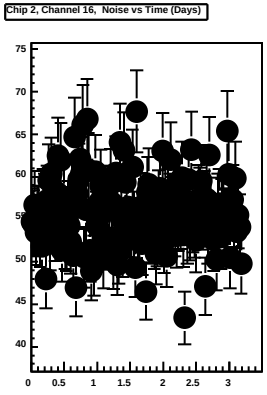

Chip 2, Channel 11, Noise vs Time (Days)

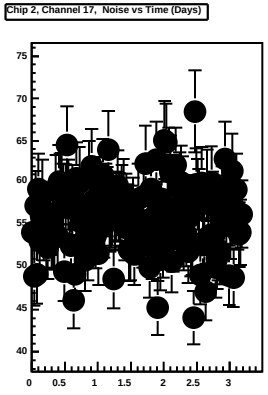

Chip 2, Channel 12, Noise vs Time (Days)

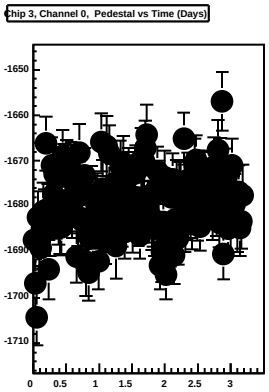

Chip 2, Channel 13, Noise vs Time (Days)

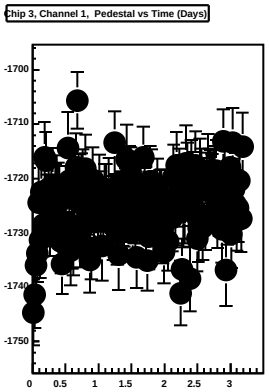

Chip 2, Channel 14, Noise vs Time (Days)

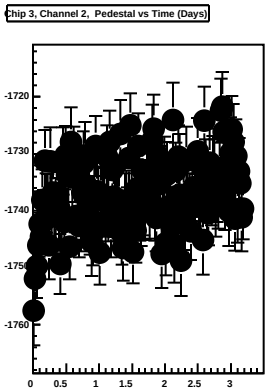

Chip 2, Channel 15, Noise vs Time (Days)

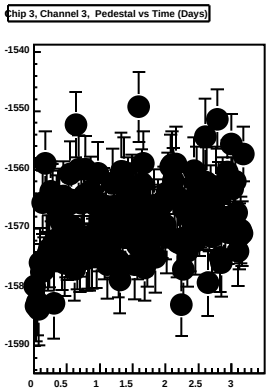

Chip 2, Channel 16, Noise vs Time (Days)

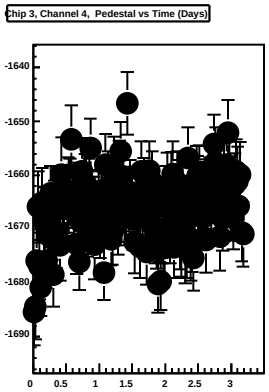

Chip 2, Channel 17, Noise vs Time (Days)

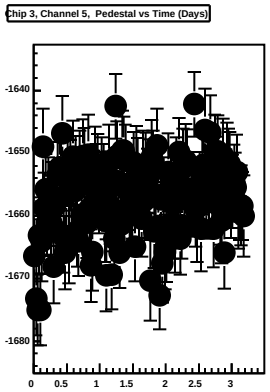

Chip 3, Channel 0, Pedestal vs Time (Days)

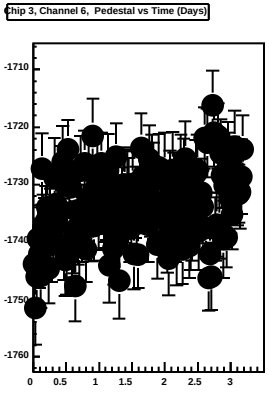

Chip 3, Channel 1, Pedestal vs Time (Days)

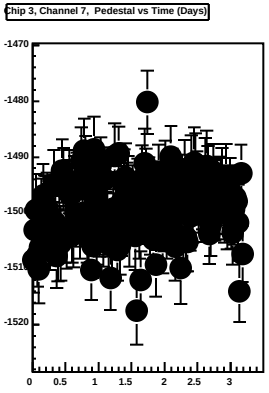

Chip 3, Channel 2, Pedestal vs Time (Days)

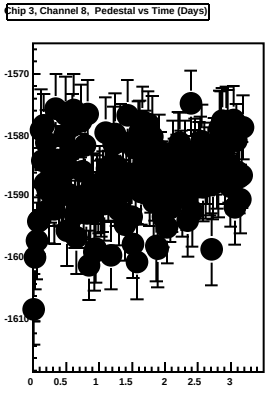

Chip 3, Channel 3, Pedestal vs Time (Days)

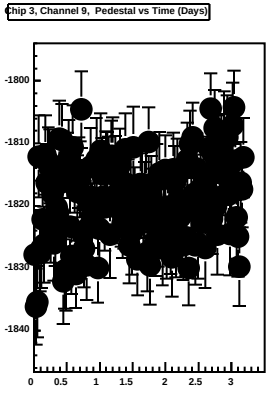

Chip 3, Channel 4, Pedestal vs Time (Days)

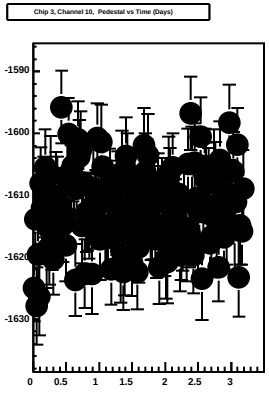

Chip 3, Channel 5, Pedestal vs Time (Days)

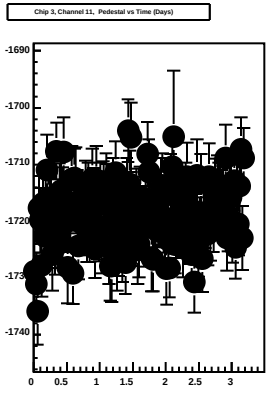

Chip 3, Channel 6, Pedestal vs Time (Days)

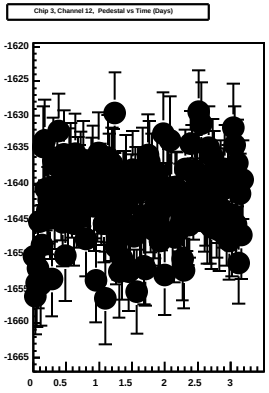

Chip 3, Channel 7, Pedestal vs Time (Days)

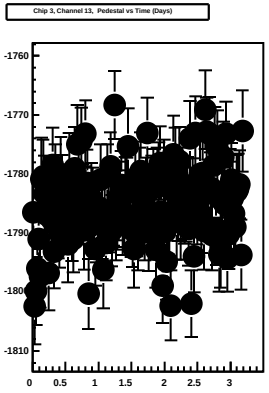

Chip 3, Channel 8, Pedestal vs Time (Days)

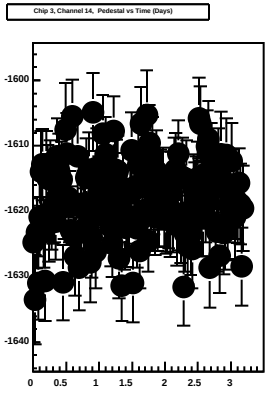

Chip 3, Channel 9, Pedestal vs Time (Days)

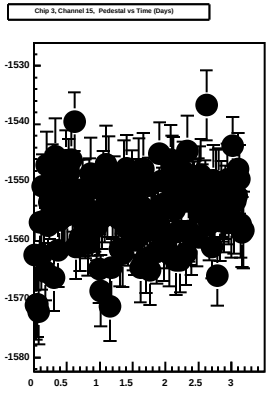

Chip 3, Channel 10, Pedestal vs Time (Days)

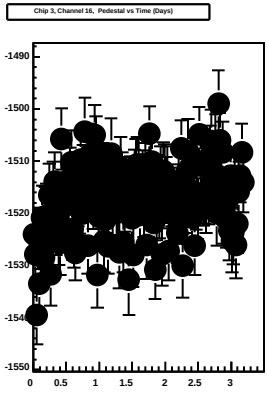

Chip 3, Channel 11, Pedestal vs Time (Days)

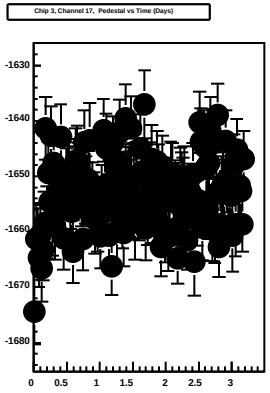

Chip 3, Channel 12, Pedestal vs Time (Days)

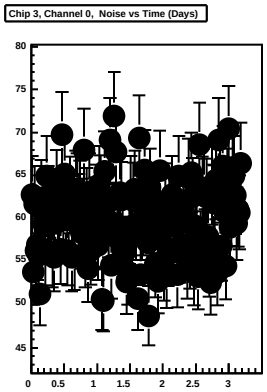

Chip 3, Channel 13, Pedestal vs Time (Days)

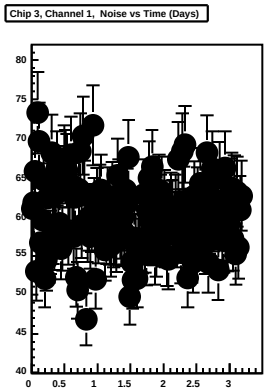

Chip 3, Channel 14, Pedestal vs Time (Days)

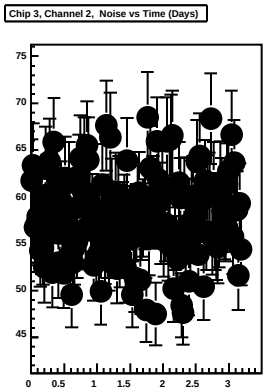

Chip 3, Channel 15, Pedestal vs Time (Days)

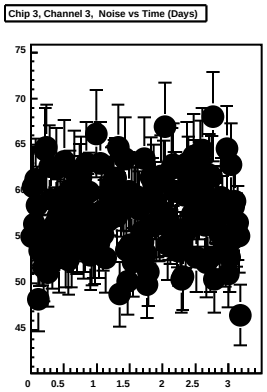

Chip 3, Channel 16, Pedestal vs Time (Days)

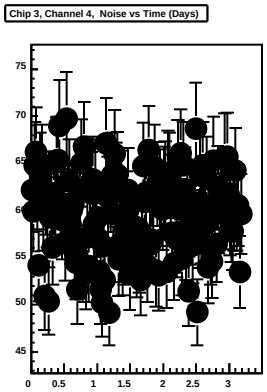

Chip 3, Channel 17, Pedestal vs Time (Days)

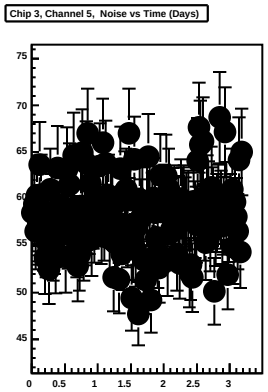

Chip 3, Channel 0, Noise vs Time (Days)

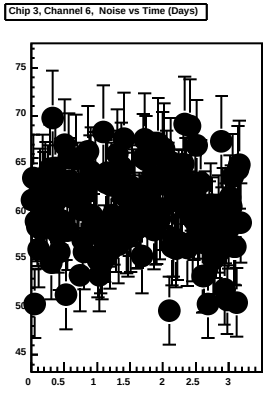

Chip 3, Channel 1, Noise vs Time (Days)

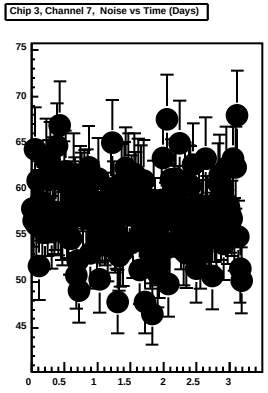

Chip 3, Channel 2, Noise vs Time (Days)

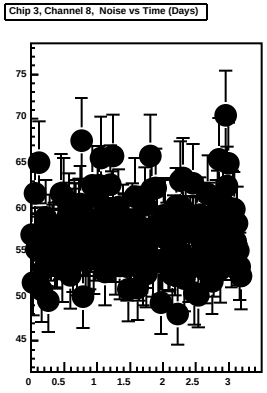

Chip 3, Channel 3, Noise vs Time (Days)

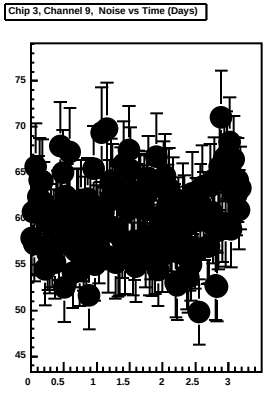

Chip 3, Channel 4, Noise vs Time (Days)

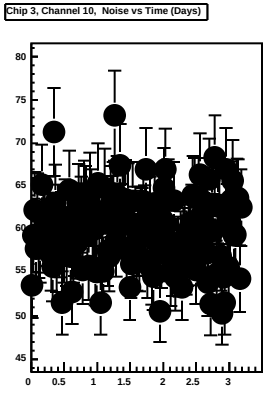

Chip 3, Channel 5, Noise vs Time (Days)

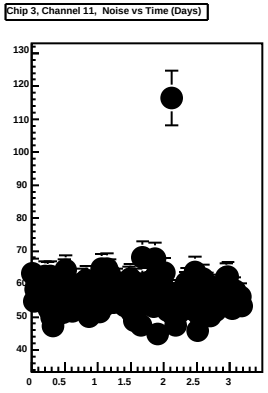

Chip 3, Channel 6, Noise vs Time (Days)

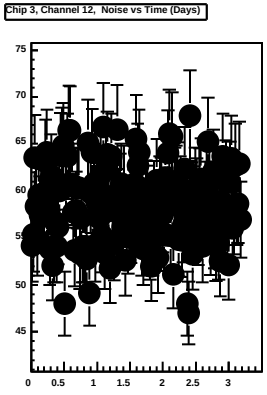

Chip 3, Channel 7, Noise vs Time (Days)

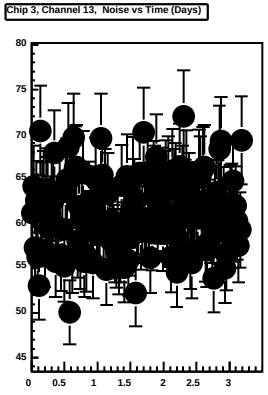

Chip 3, Channel 8, Noise vs Time (Days)

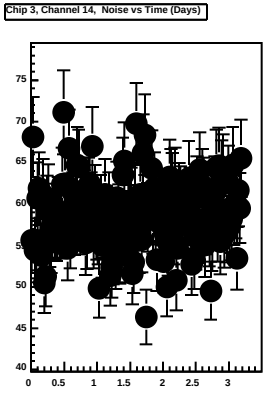

Chip 3, Channel 9, Noise vs Time (Days)

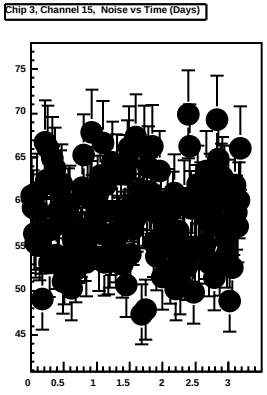

Chip 3, Channel 10, Noise vs Time (Days)

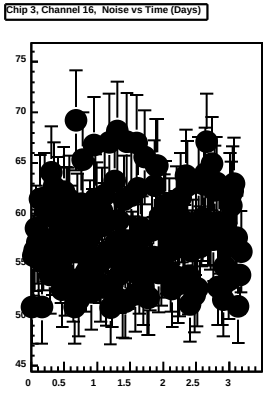

Chip 3, Channel 11, Noise vs Time (Days)

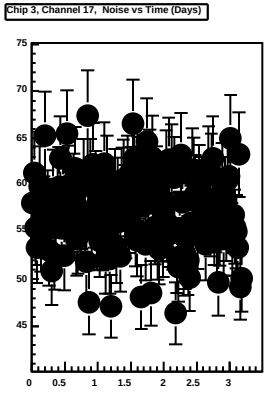

Chip 3, Channel 12, Noise vs Time (Days)

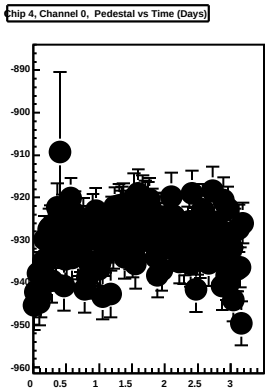

Chip 3, Channel 13, Noise vs Time (Days)

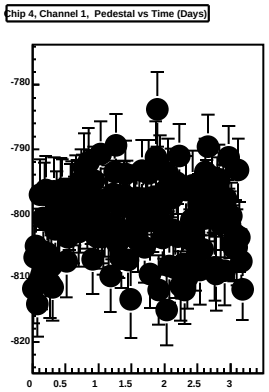

Chip 3, Channel 14, Noise vs Time (Days)

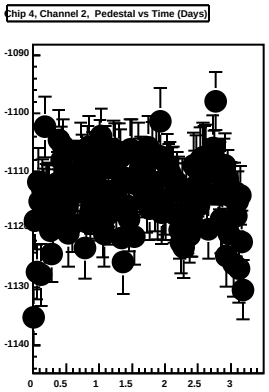

Chip 3, Channel 15, Noise vs Time (Days)

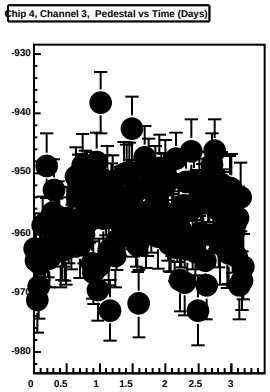

Chip 3, Channel 16, Noise vs Time (Days)

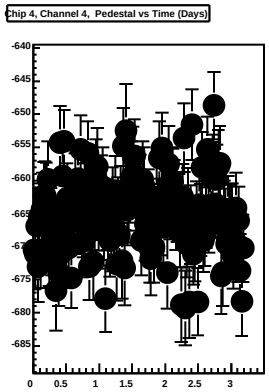

Chip 3, Channel 17, Noise vs Time (Days)

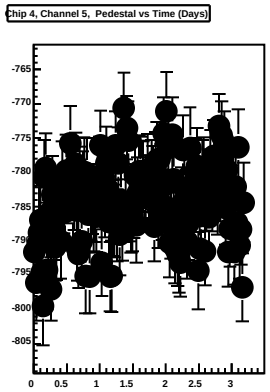

Chip 4, Channel 0, Pedestal vs Time (Days)

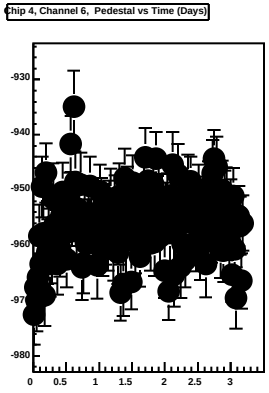

Chip 4, Channel 1, Pedestal vs Time (Days)

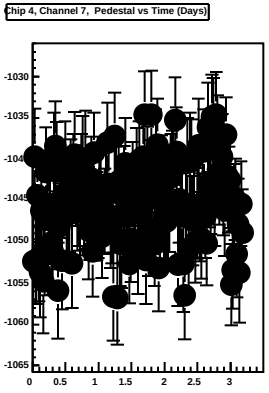

Chip 4, Channel 2, Pedestal vs Time (Days)

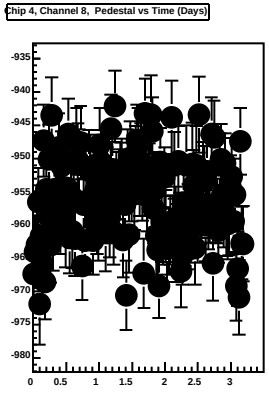

Chip 4, Channel 3, Pedestal vs Time (Days)

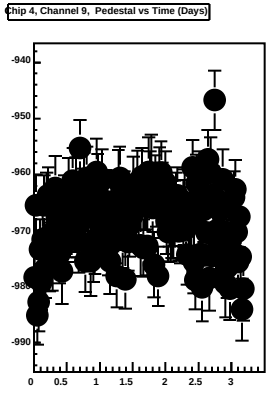

Chip 4, Channel 4, Pedestal vs Time (Days)

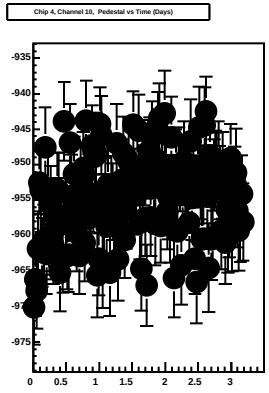

Chip 4, Channel 5, Pedestal vs Time (Days)

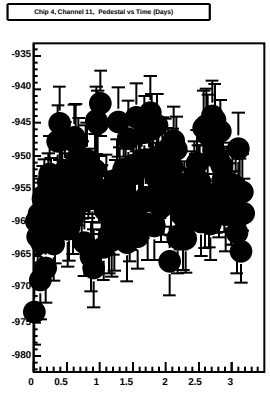

Chip 4, Channel 6, Pedestal vs Time (Days)

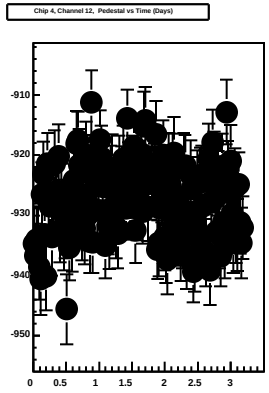

Chip 4, Channel 7, Pedestal vs Time (Days)

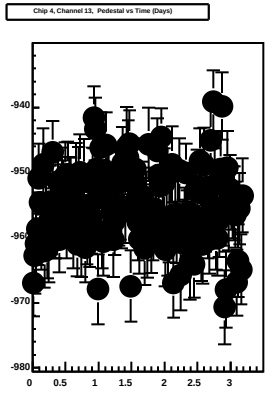

Chip 4, Channel 8, Pedestal vs Time (Days)

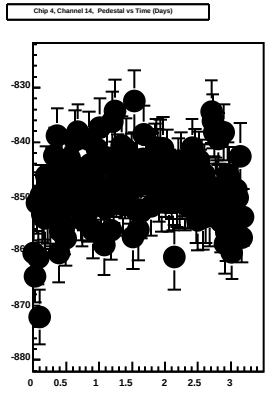

Chip 4, Channel 9, Pedestal vs Time (Days)

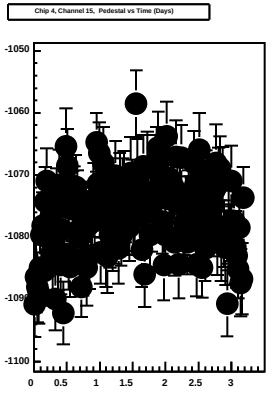

Chip 4, Channel 10, Pedestal vs Time (Days)

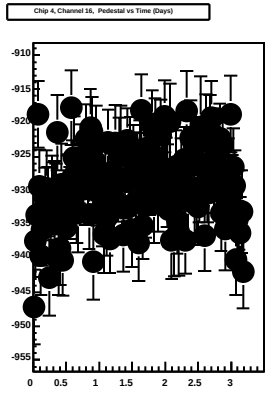

Chip 4, Channel 11, Pedestal vs Time (Days)

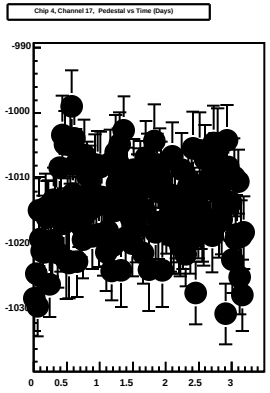

Chip 4, Channel 12, Pedestal vs Time (Days)

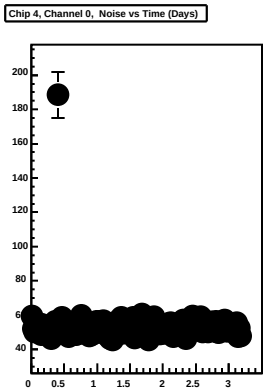

Chip 4, Channel 13, Pedestal vs Time (Days)

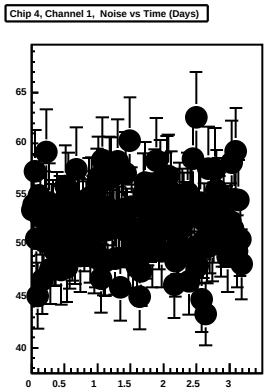

Chip 4, Channel 14, Pedestal vs Time (Days)

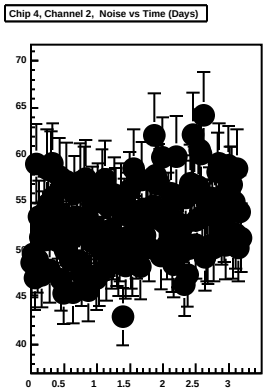

Chip 4, Channel 15, Pedestal vs Time (Days)

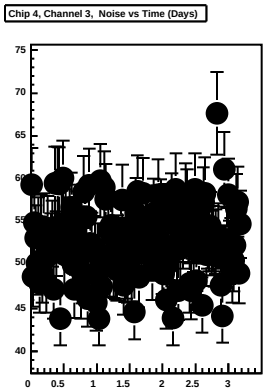

Chip 4, Channel 16, Pedestal vs Time (Days)

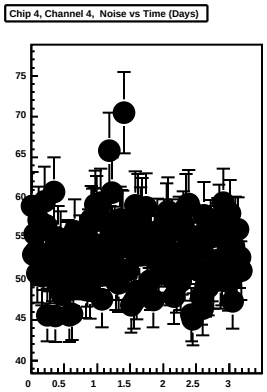

Chip 4, Channel 17, Pedestal vs Time (Days)

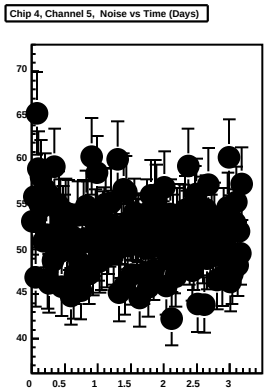

Chip 4, Channel 0, Noise vs Time (Days)

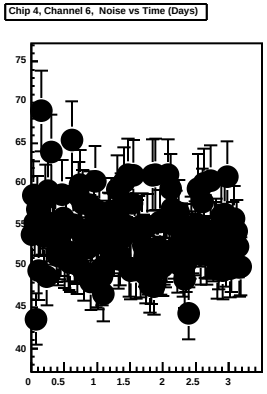

Chip 4, Channel 1, Noise vs Time (Days)

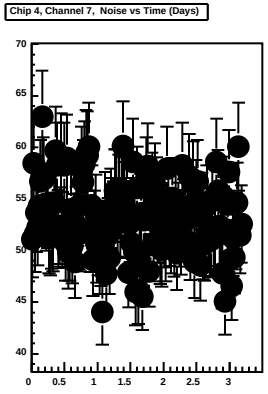

Chip 4, Channel 2, Noise vs Time (Days)

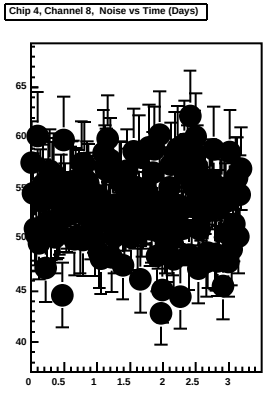

Chip 4, Channel 3, Noise vs Time (Days)

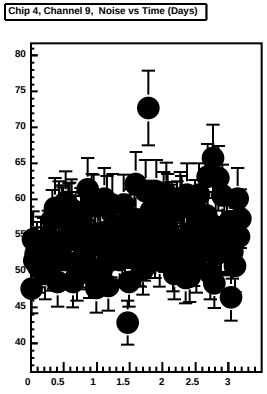

Chip 4, Channel 4, Noise vs Time (Days)

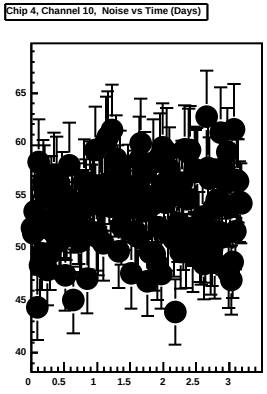

Chip 4, Channel 5, Noise vs Time (Days)

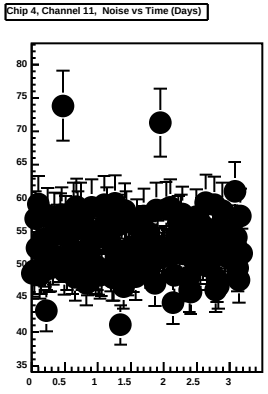

Chip 4, Channel 6, Noise vs Time (Days)

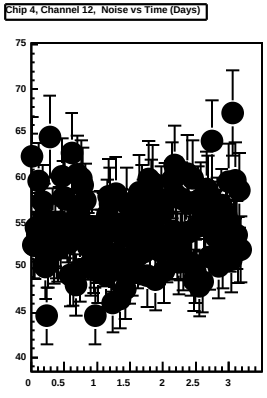

Chip 4, Channel 7, Noise vs Time (Days)

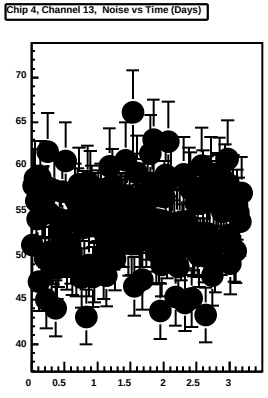

Chip 4, Channel 8, Noise vs Time (Days)

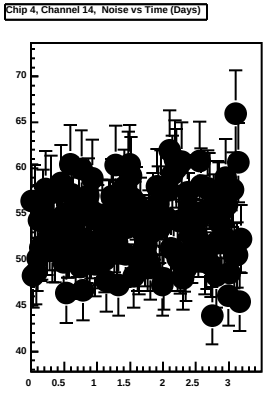

Chip 4, Channel 9, Noise vs Time (Days)

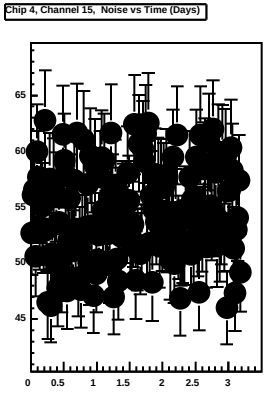

Chip 4, Channel 10, Noise vs Time (Days)

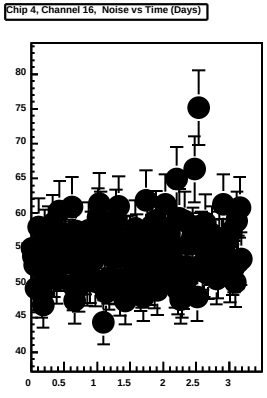

Chip 4, Channel 11, Noise vs Time (Days)

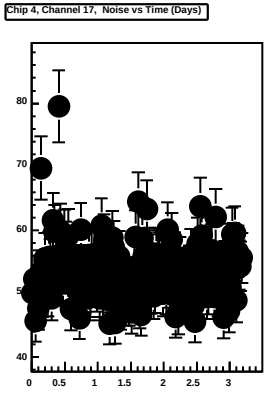

Chip 4, Channel 12, Noise vs Time (Days)

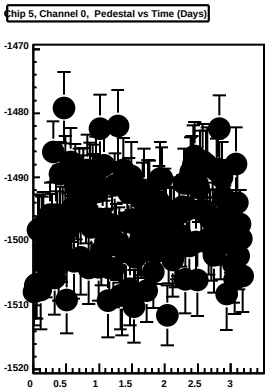

Chip 4, Channel 13, Noise vs Time (Days)

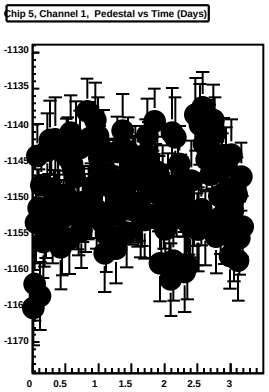

Chip 4, Channel 14, Noise vs Time (Days)

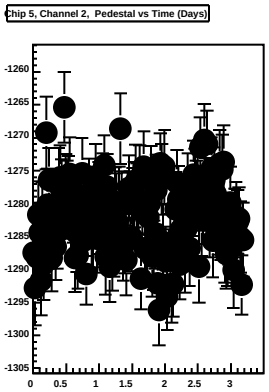

Chip 4, Channel 15, Noise vs Time (Days)

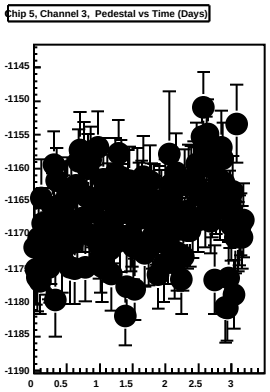

Chip 4, Channel 16, Noise vs Time (Days)

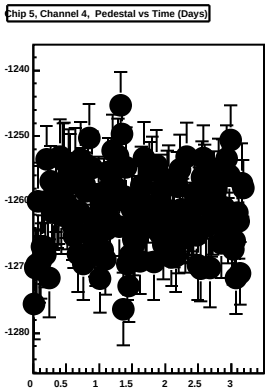

Chip 4, Channel 17, Noise vs Time (Days)

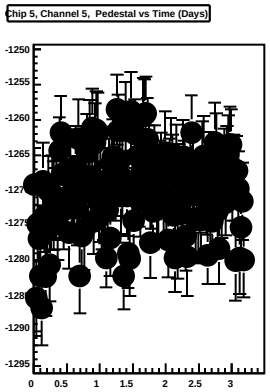

Chip 5, Channel 0, Pedestal vs Time (Days)

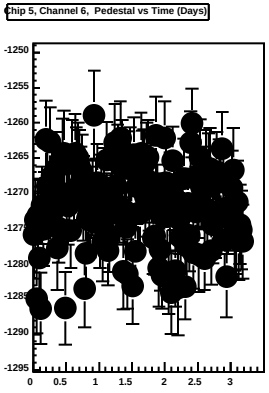

Chip 5, Channel 1, Pedestal vs Time (Days)

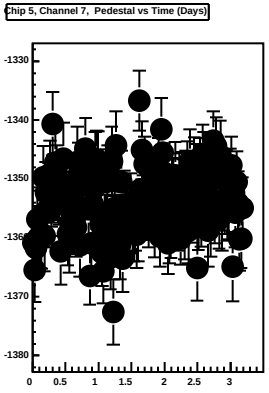

Chip 5, Channel 2, Pedestal vs Time (Days)

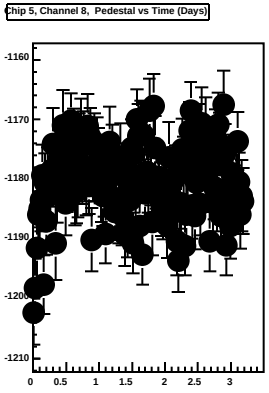

Chip 5, Channel 3, Pedestal vs Time (Days)

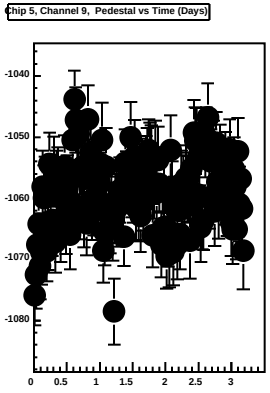

Chip 5, Channel 4, Pedestal vs Time (Days)

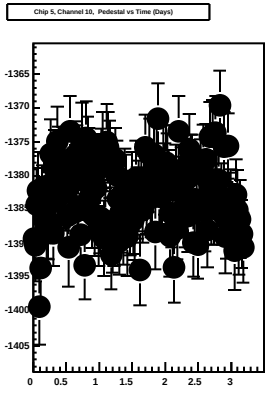

Chip 5, Channel 5, Pedestal vs Time (Days)

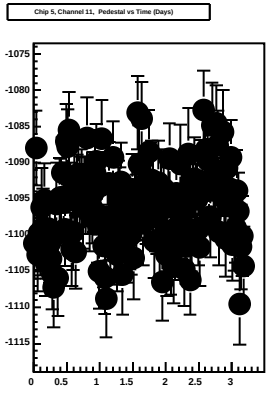

Chip 5, Channel 6, Pedestal vs Time (Days)

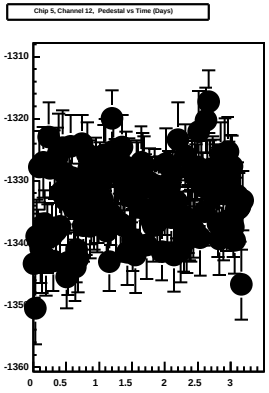

Chip 5, Channel 7, Pedestal vs Time (Days)

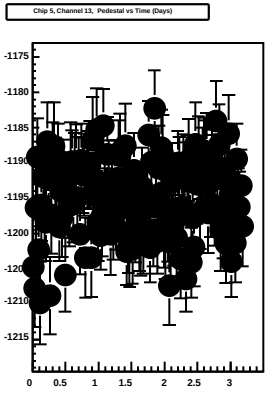

Chip 5, Channel 8, Pedestal vs Time (Days)

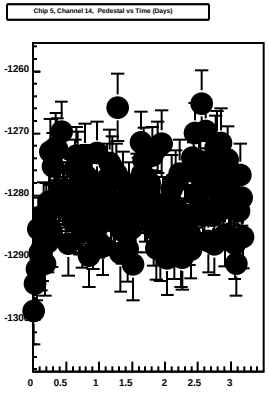

Chip 5, Channel 9, Pedestal vs Time (Days)

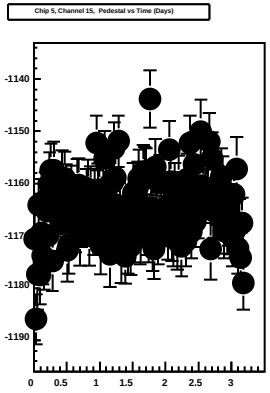

Chip 5, Channel 10, Pedestal vs Time (Days)

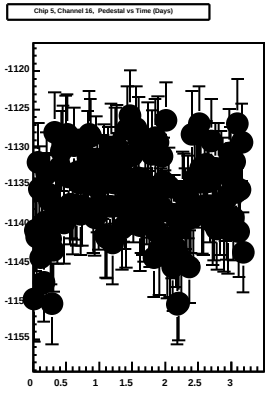

Chip 5, Channel 11, Pedestal vs Time (Days)

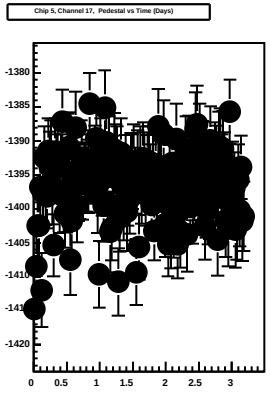

Chip 5, Channel 12, Pedestal vs Time (Days)

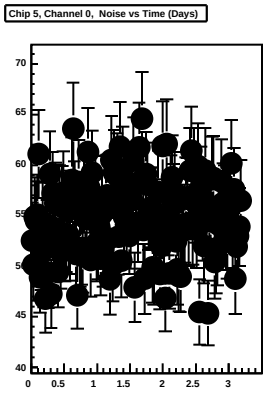

Chip 5, Channel 13, Pedestal vs Time (Days)

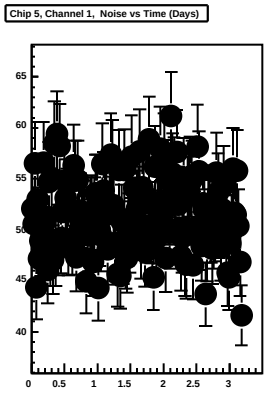

Chip 5, Channel 14, Pedestal vs Time (Days)

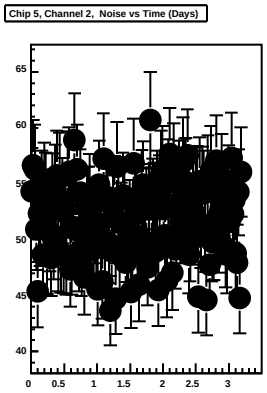

Chip 5, Channel 15, Pedestal vs Time (Days)

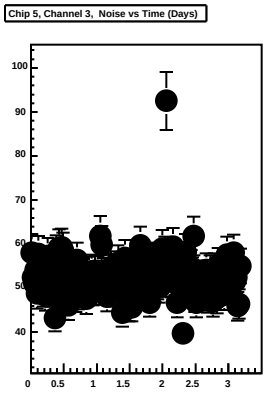

Chip 5, Channel 16, Pedestal vs Time (Days)

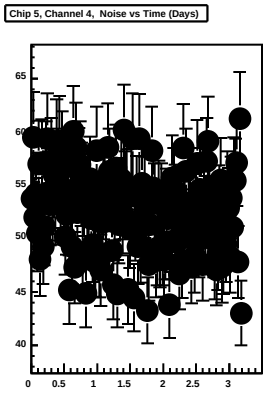

Chip 5, Channel 17, Pedestal vs Time (Days)

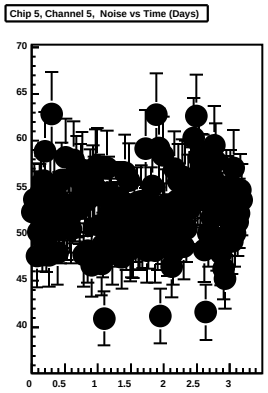

Chip 5, Channel 0, Noise vs Time (Days)

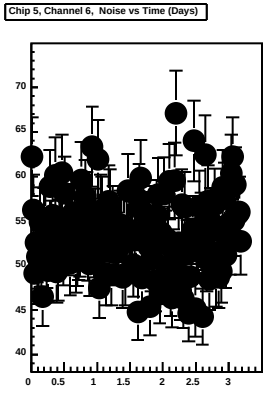

Chip 5, Channel 1, Noise vs Time (Days)

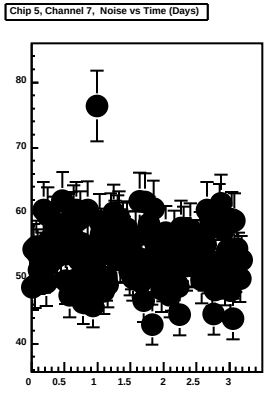

Chip 5, Channel 2, Noise vs Time (Days)

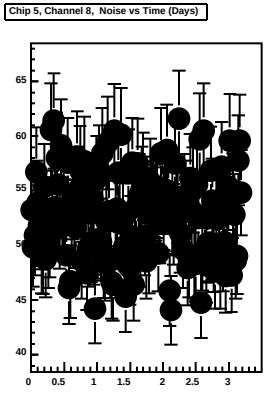

Chip 5, Channel 3, Noise vs Time (Days)

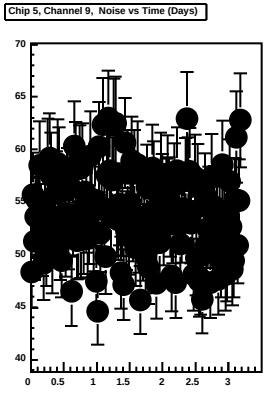

Chip 5, Channel 4, Noise vs Time (Days)

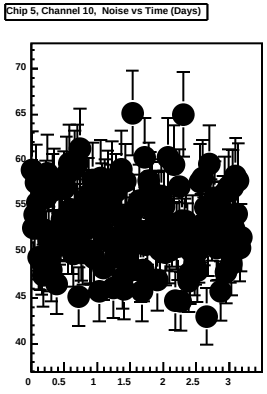

Chip 5, Channel 5, Noise vs Time (Days)

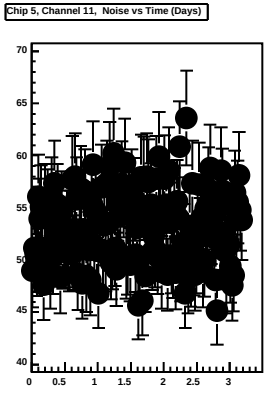

Chip 5, Channel 6, Noise vs Time (Days)

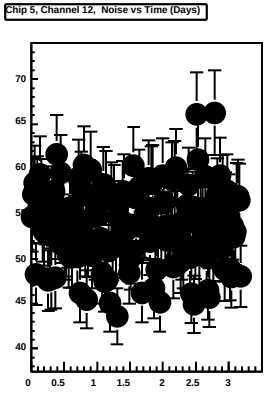

Chip 5, Channel 7, Noise vs Time (Days)

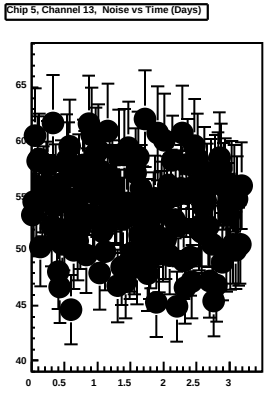

Chip 5, Channel 8, Noise vs Time (Days)

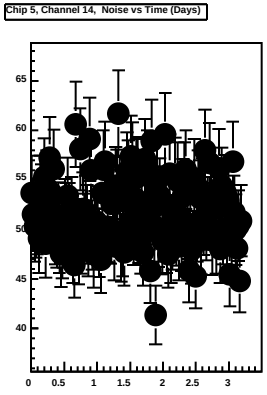

Chip 5, Channel 9, Noise vs Time (Days)

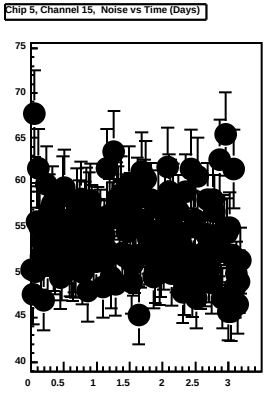

Chip 5, Channel 10, Noise vs Time (Days)

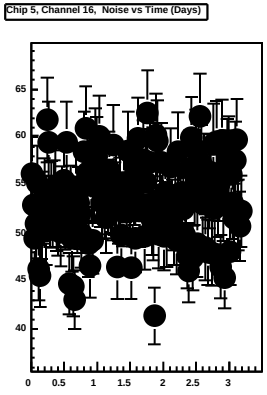

Chip 5, Channel 11, Noise vs Time (Days)

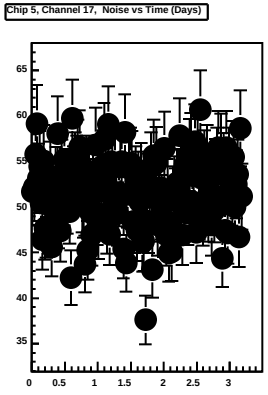

Chip 5, Channel 12, Noise vs Time (Days)

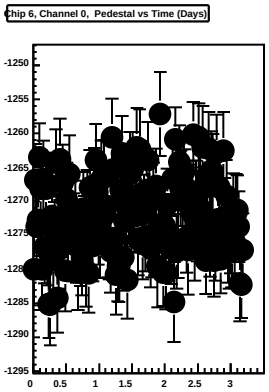

Chip 5, Channel 13, Noise vs Time (Days)

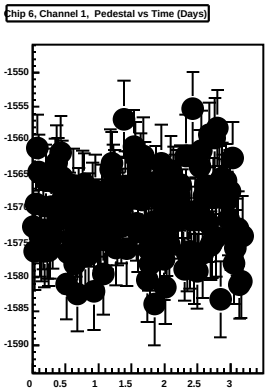

Chip 5, Channel 14, Noise vs Time (Days)

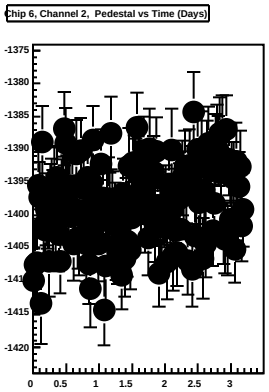

Chip 5, Channel 15, Noise vs Time (Days)

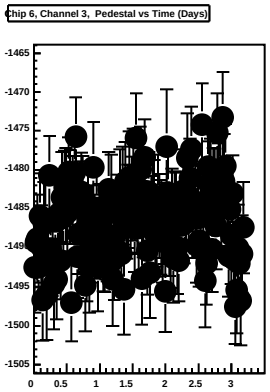

Chip 5, Channel 16, Noise vs Time (Days)

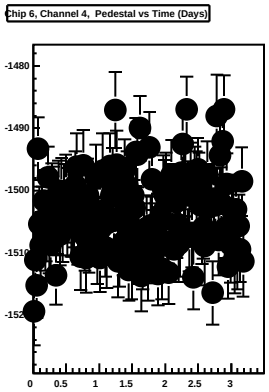

Chip 5, Channel 17, Noise vs Time (Days)

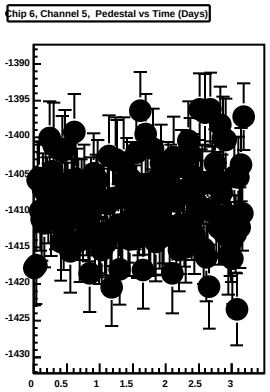

Chip 6, Channel 0, Pedestal vs Time (Days)

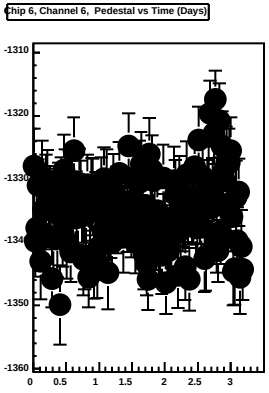

Chip 6, Channel 1, Pedestal vs Time (Days)

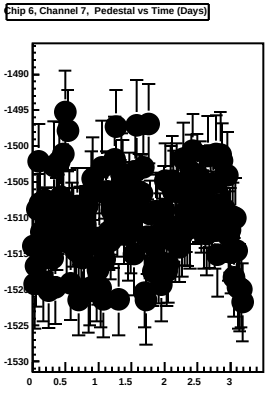

Chip 6, Channel 2, Pedestal vs Time (Days)

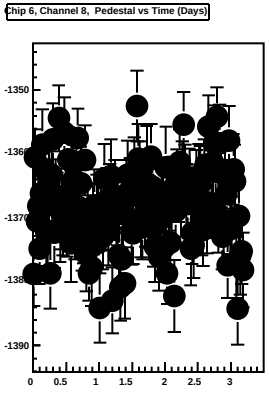

Chip 6, Channel 3, Pedestal vs Time (Days)

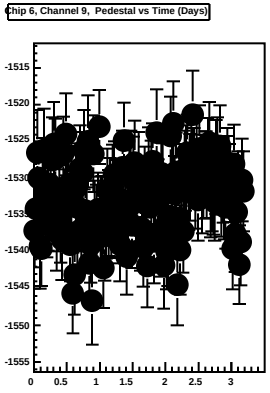

Chip 6, Channel 4, Pedestal vs Time (Days)

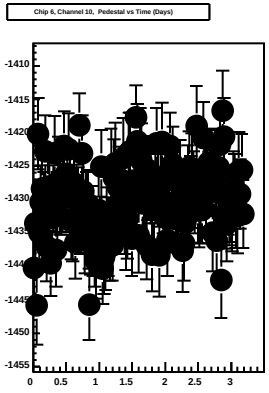

Chip 6, Channel 5, Pedestal vs Time (Days)

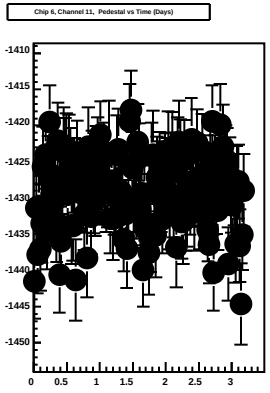

Chip 6, Channel 6, Pedestal vs Time (Days)

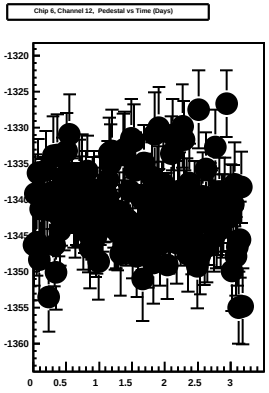

Chip 6, Channel 7, Pedestal vs Time (Days)

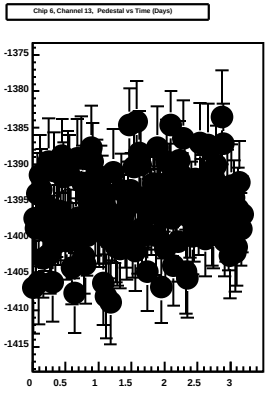

Chip 6, Channel 8, Pedestal vs Time (Days)

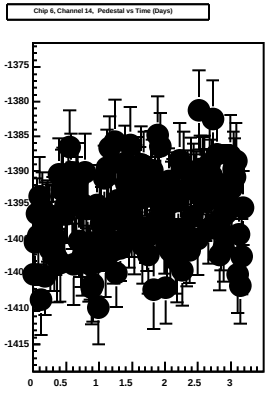

Chip 6, Channel 9, Pedestal vs Time (Days)

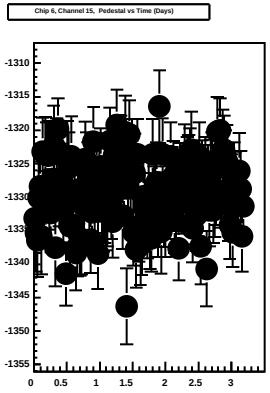

Chip 6, Channel 10, Pedestal vs Time (Days)

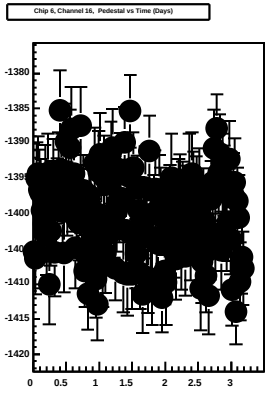

Chip 6, Channel 11, Pedestal vs Time (Days)

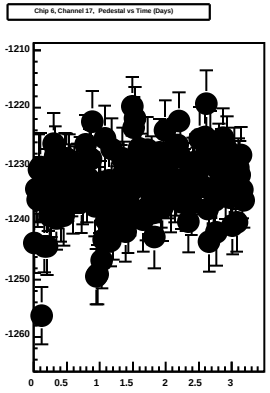

Chip 6, Channel 12, Pedestal vs Time (Days)

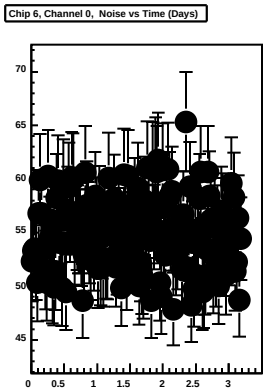

Chip 6, Channel 13, Pedestal vs Time (Days)

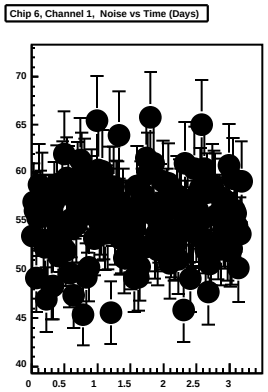

Chip 6, Channel 14, Pedestal vs Time (Days)

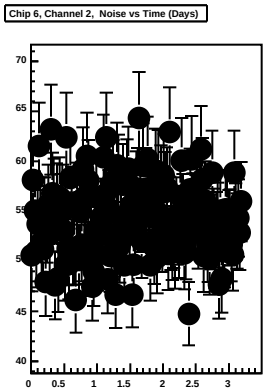

Chip 6, Channel 15, Pedestal vs Time (Days)

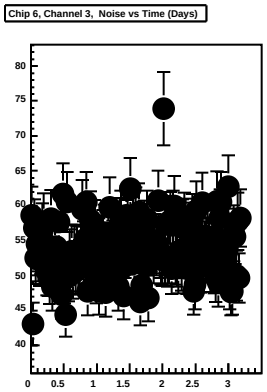

Chip 6, Channel 16, Pedestal vs Time (Days)

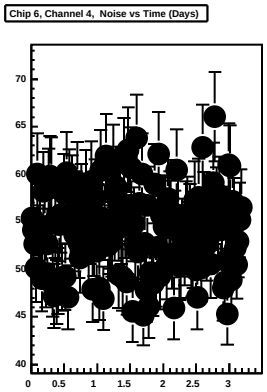

Chip 6, Channel 17, Pedestal vs Time (Days)

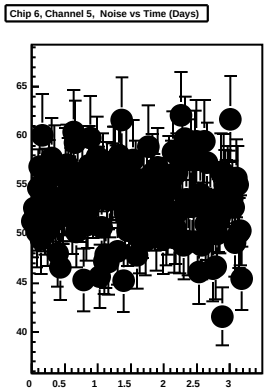

Chip 6, Channel 0, Noise vs Time (Days)

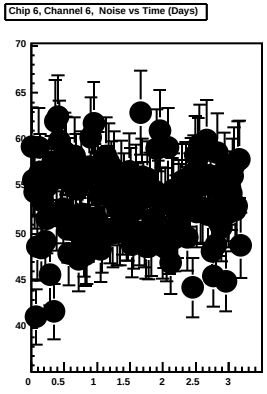

Chip 6, Channel 1, Noise vs Time (Days)

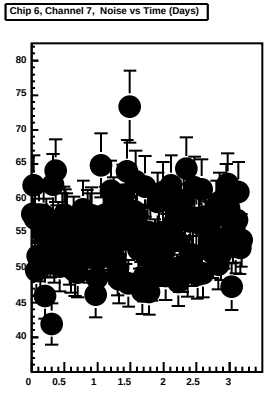

Chip 6, Channel 2, Noise vs Time (Days)

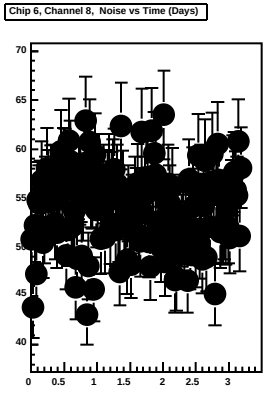

Chip 6, Channel 3, Noise vs Time (Days)

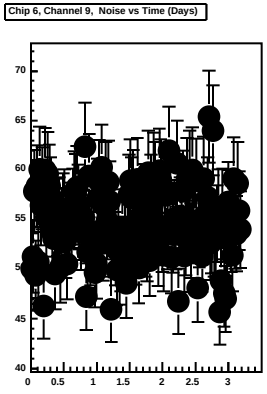

Chip 6, Channel 4, Noise vs Time (Days)

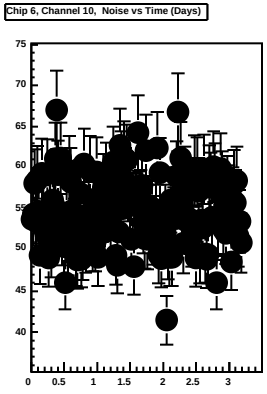

Chip 6, Channel 5, Noise vs Time (Days)

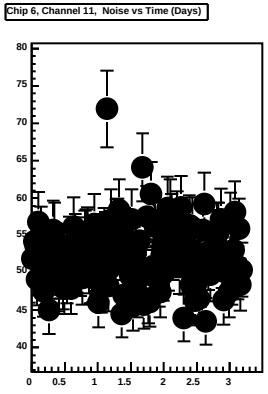

Chip 6, Channel 6, Noise vs Time (Days)

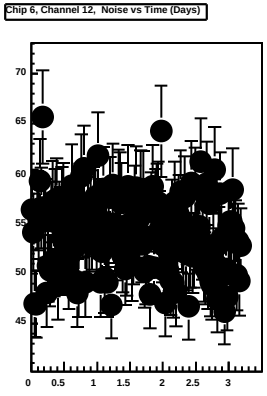

Chip 6, Channel 7, Noise vs Time (Days)

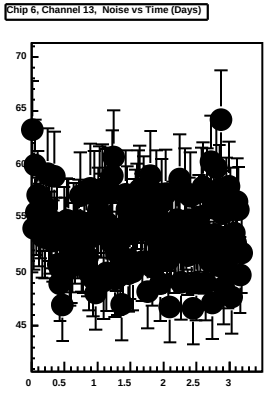

Chip 6, Channel 8, Noise vs Time (Days)

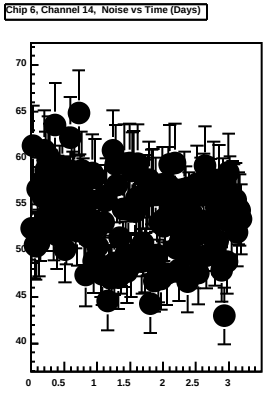

Chip 6, Channel 9, Noise vs Time (Days)

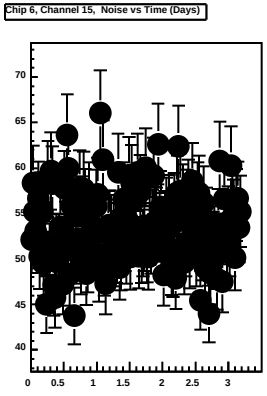

Chip 6, Channel 10, Noise vs Time (Days)

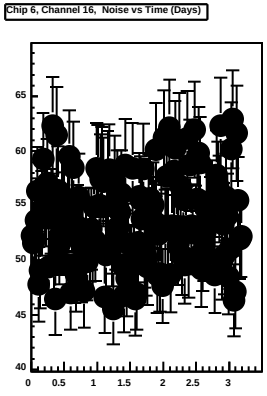

Chip 6, Channel 11, Noise vs Time (Days)

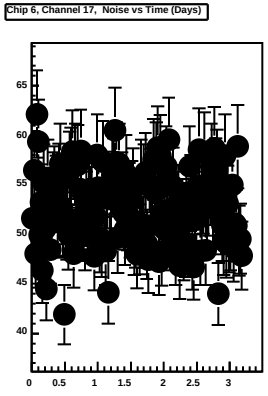

Chip 6, Channel 12, Noise vs Time (Days)

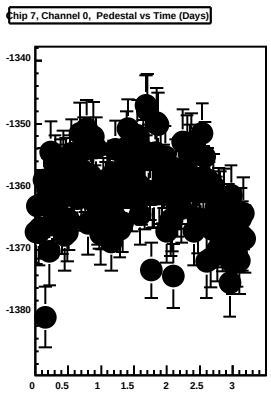

Chip 6, Channel 13, Noise vs Time (Days)

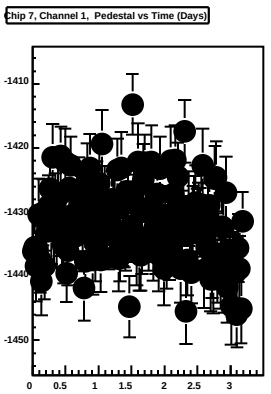

Chip 6, Channel 14, Noise vs Time (Days)

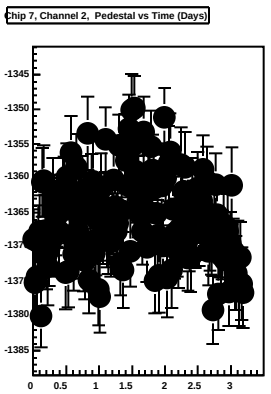

Chip 6, Channel 15, Noise vs Time (Days)

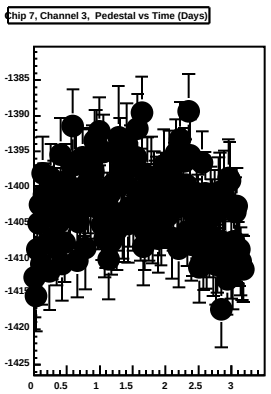

Chip 6, Channel 16, Noise vs Time (Days)

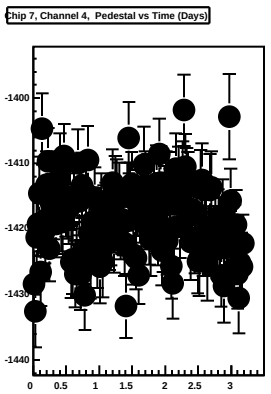

Chip 6, Channel 17, Noise vs Time (Days)

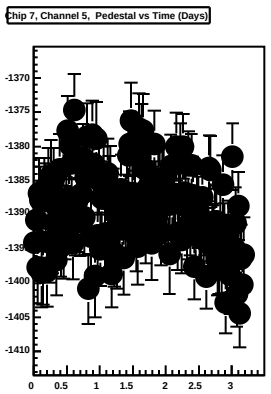

Chip 7, Channel 0, Pedestal vs Time (Days)

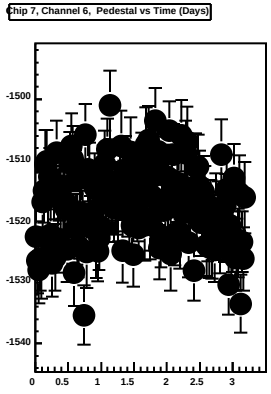

Chip 7, Channel 1, Pedestal vs Time (Days)

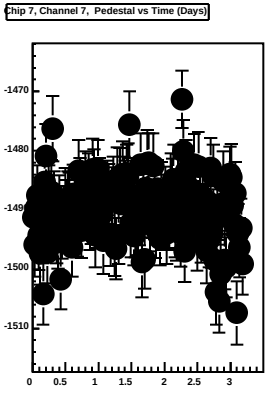

Chip 7, Channel 2, Pedestal vs Time (Days)

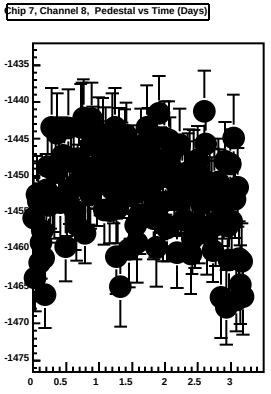

Chip 7, Channel 3, Pedestal vs Time (Days)

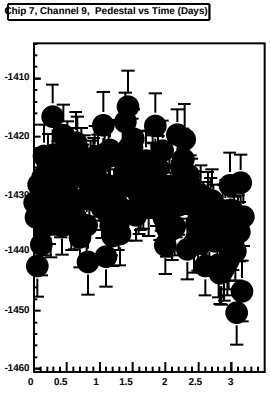

Chip 7, Channel 4, Pedestal vs Time (Days)

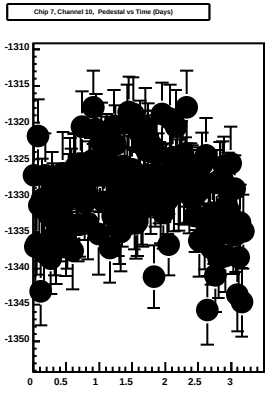

Chip 7, Channel 5, Pedestal vs Time (Days)

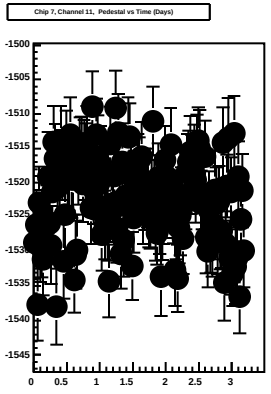

Chip 7, Channel 6, Pedestal vs Time (Days)

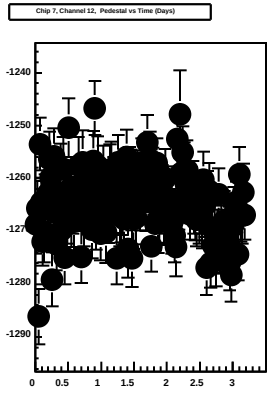

Chip 7, Channel 7, Pedestal vs Time (Days)

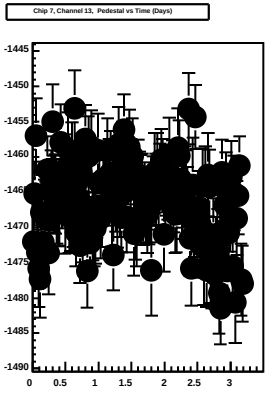

Chip 7, Channel 8, Pedestal vs Time (Days)

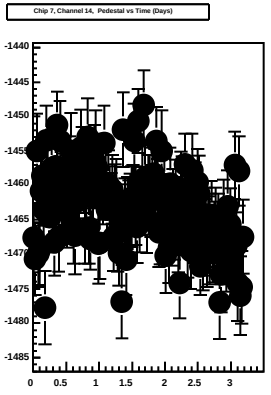

Chip 7, Channel 9, Pedestal vs Time (Days)

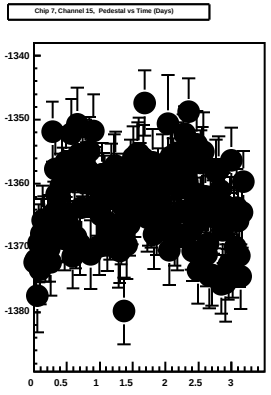

Chip 7, Channel 10, Pedestal vs Time (Days)

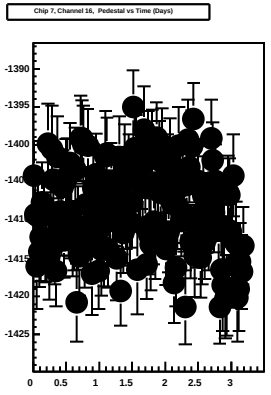

Chip 7, Channel 11, Pedestal vs Time (Days)

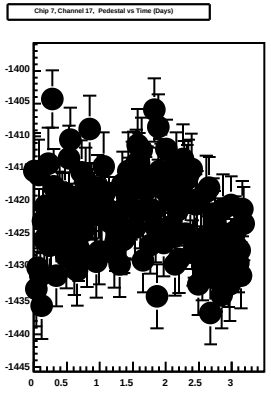

Chip 7, Channel 12, Pedestal vs Time (Days)

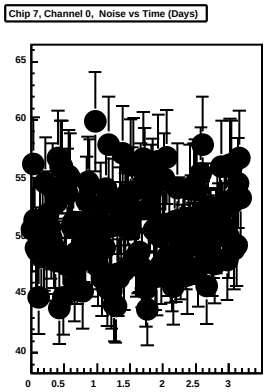

Chip 7, Channel 13, Pedestal vs Time (Days)

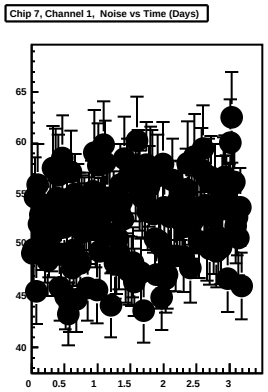

Chip 7, Channel 14, Pedestal vs Time (Days)

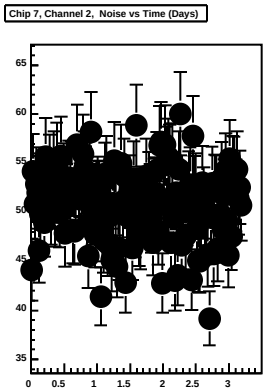

Chip 7, Channel 15, Pedestal vs Time (Days)

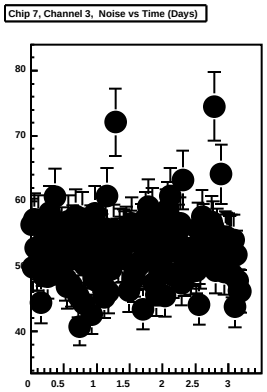

Chip 7, Channel 16, Pedestal vs Time (Days)

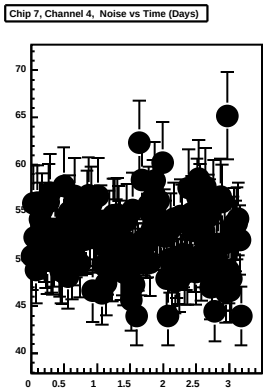

Chip 7, Channel 17, Pedestal vs Time (Days)

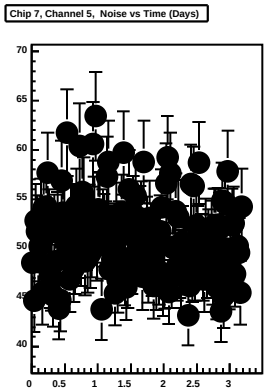

Chip 7, Channel 0, Noise vs Time (Days)

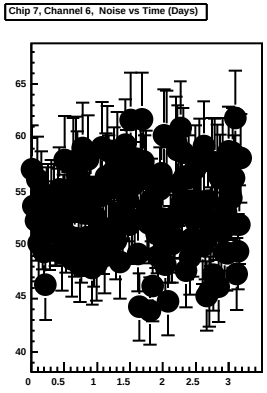

Chip 7, Channel 1, Noise vs Time (Days)

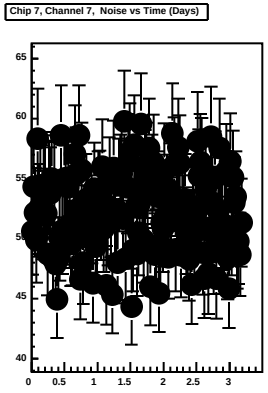

Chip 7, Channel 2, Noise vs Time (Days)

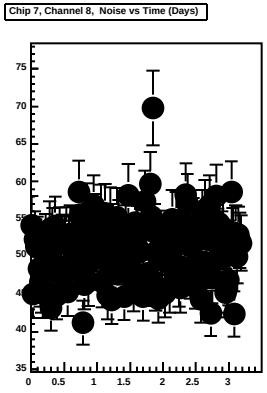

Chip 7, Channel 3, Noise vs Time (Days)

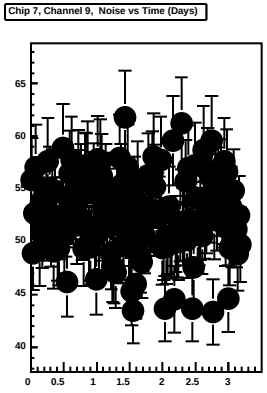

Chip 7, Channel 4, Noise vs Time (Days)

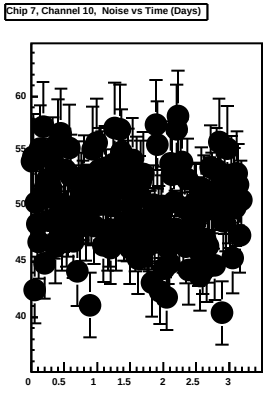

Chip 7, Channel 5, Noise vs Time (Days)

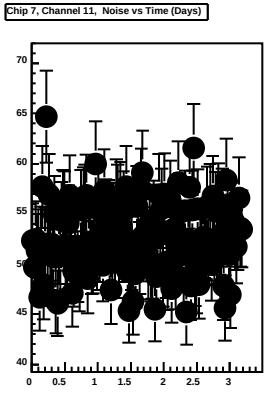

Chip 7, Channel 6, Noise vs Time (Days)

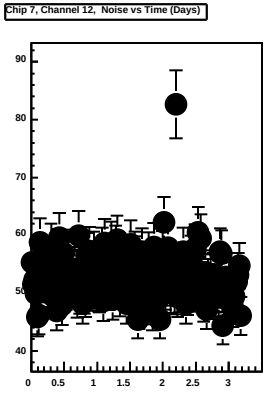

Chip 7, Channel 7, Noise vs Time (Days)

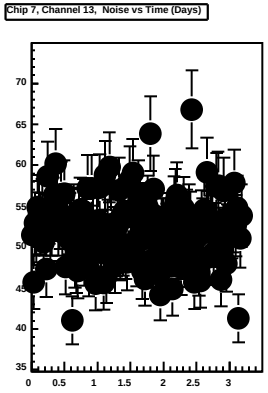

Chip 7, Channel 8, Noise vs Time (Days)

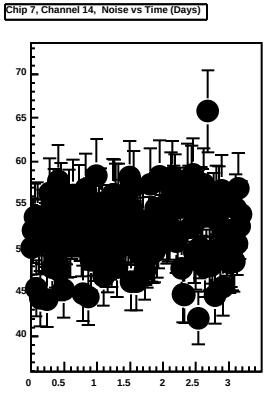

Chip 7, Channel 9, Noise vs Time (Days)

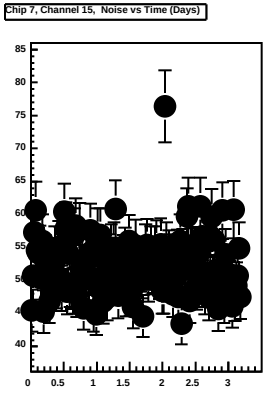

Chip 7, Channel 10, Noise vs Time (Days)

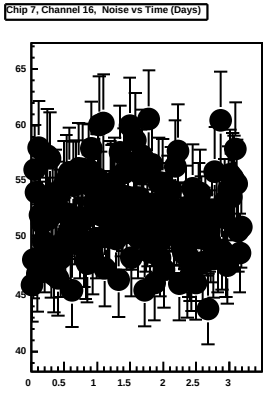

Chip 7, Channel 11, Noise vs Time (Days)

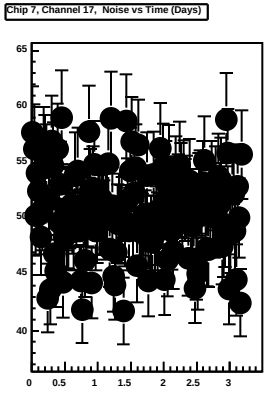

Chip 7, Channel 12, Noise vs Time (Days)

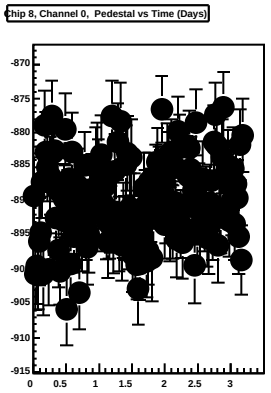

Chip 7, Channel 13, Noise vs Time (Days)

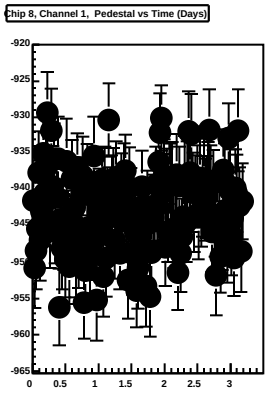

Chip 7, Channel 14, Noise vs Time (Days)

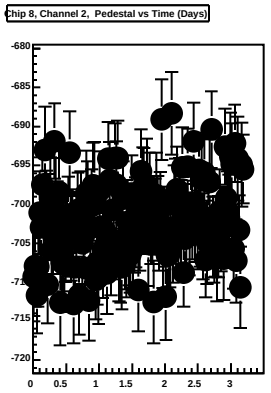

Chip 7, Channel 15, Noise vs Time (Days)

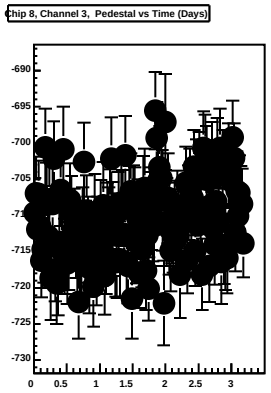

Chip 7, Channel 16, Noise vs Time (Days)

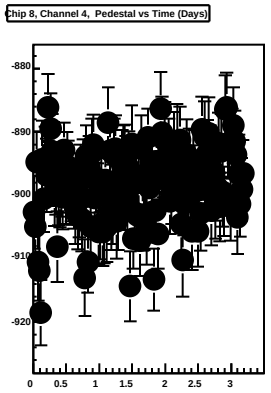

Chip 7, Channel 17, Noise vs Time (Days)

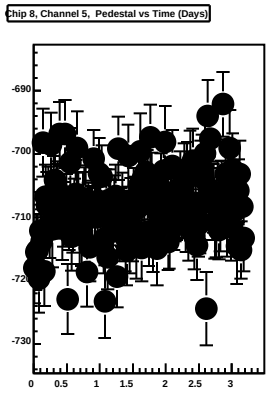

Chip 8, Channel 0, Pedestal vs Time (Days)

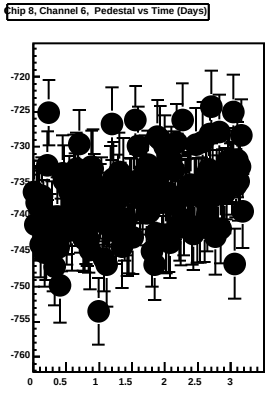

Chip 8, Channel 1, Pedestal vs Time (Days)

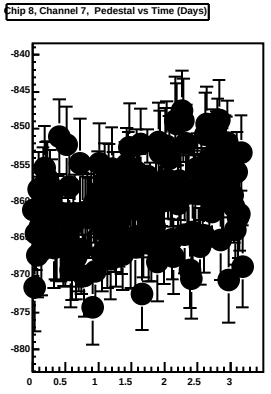

Chip 8, Channel 2, Pedestal vs Time (Days)

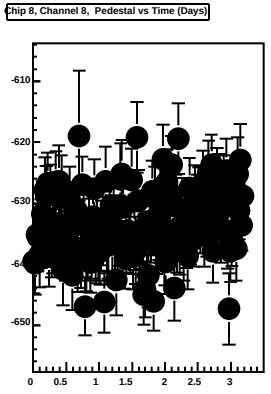

Chip 8, Channel 3, Pedestal vs Time (Days)

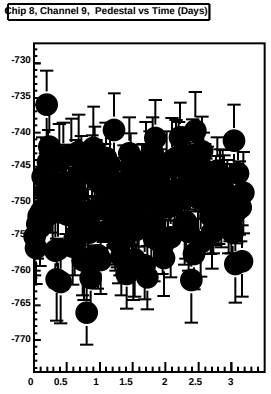

Chip 8, Channel 4, Pedestal vs Time (Days)

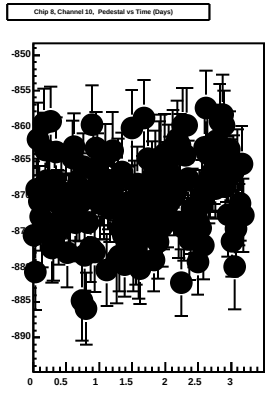

Chip 8, Channel 5, Pedestal vs Time (Days)

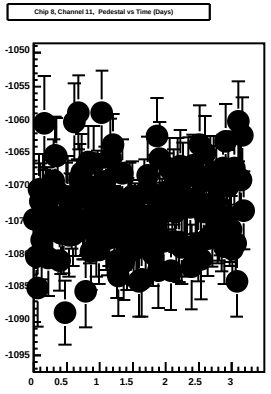

Chip 8, Channel 6, Pedestal vs Time (Days)

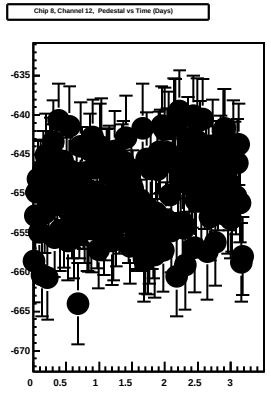

Chip 8, Channel 7, Pedestal vs Time (Days)

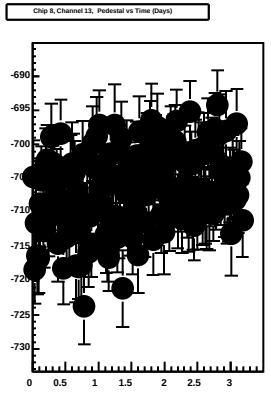

Chip 8, Channel 8, Pedestal vs Time (Days)

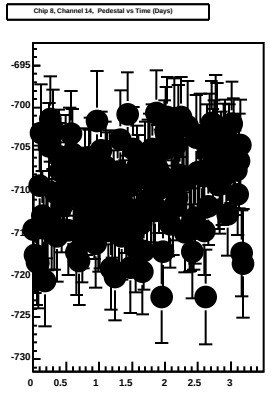

Chip 8, Channel 9, Pedestal vs Time (Days)

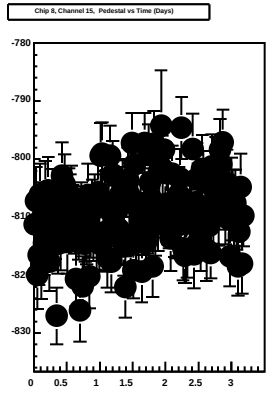

Chip 8, Channel 10, Pedestal vs Time (Days)

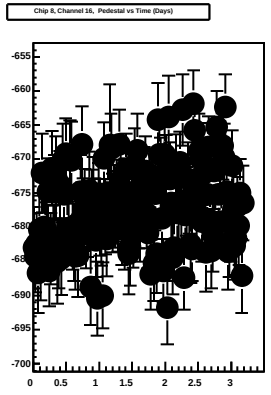

Chip 8, Channel 11, Pedestal vs Time (Days)

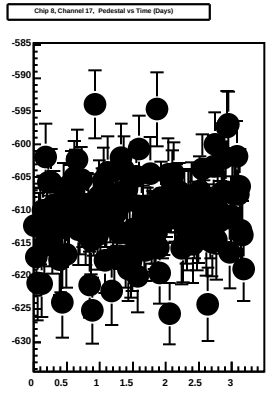

Chip 8, Channel 12, Pedestal vs Time (Days)

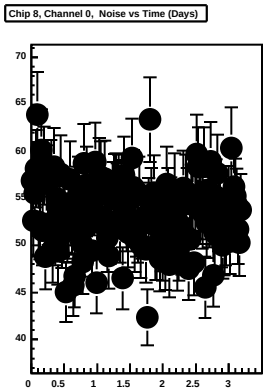

Chip 8, Channel 13, Pedestal vs Time (Days)

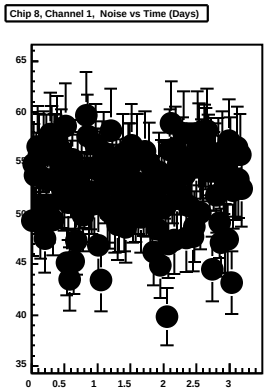

Chip 8, Channel 14, Pedestal vs Time (Days)

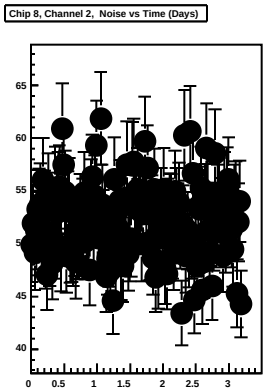

Chip 8, Channel 15, Pedestal vs Time (Days)

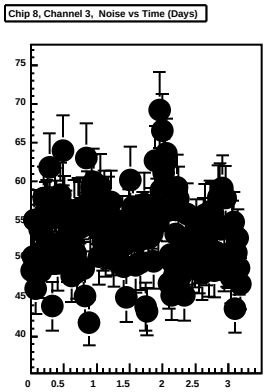

Chip 8, Channel 16, Pedestal vs Time (Days)

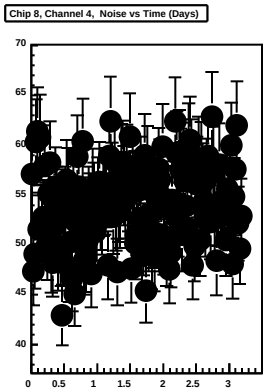

Chip 8, Channel 17, Pedestal vs Time (Days)

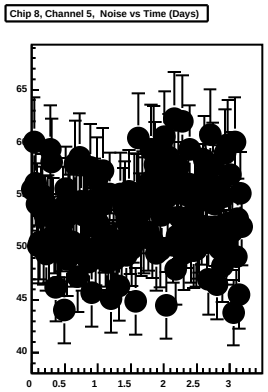

Chip 8, Channel 0, Noise vs Time (Days)

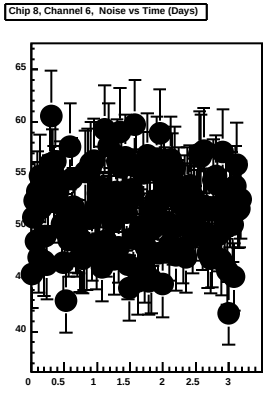

Chip 8, Channel 1, Noise vs Time (Days)

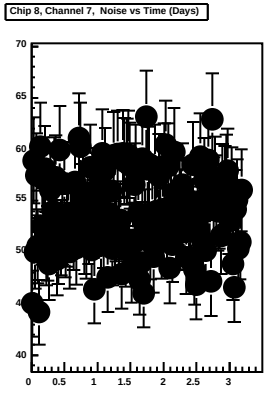

Chip 8, Channel 2, Noise vs Time (Days)

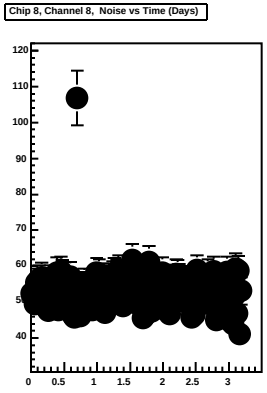

Chip 8, Channel 3, Noise vs Time (Days)

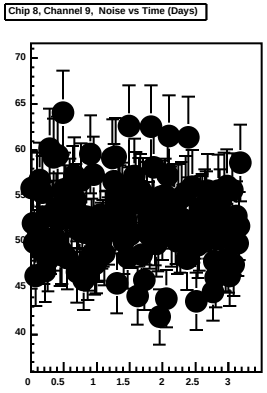

Chip 8, Channel 4, Noise vs Time (Days)

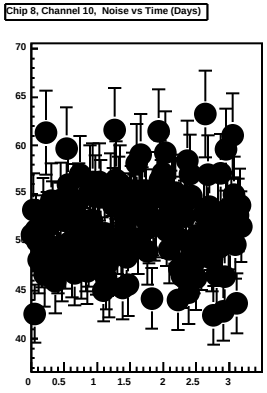

Chip 8, Channel 5, Noise vs Time (Days)

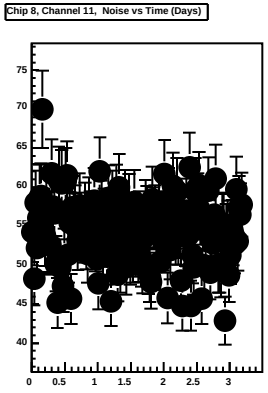

Chip 8, Channel 6, Noise vs Time (Days)

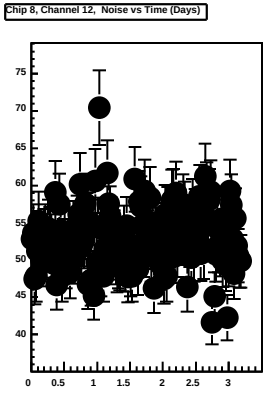

Chip 8, Channel 7, Noise vs Time (Days)

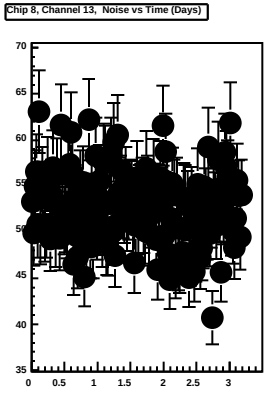

Chip 8, Channel 8, Noise vs Time (Days)

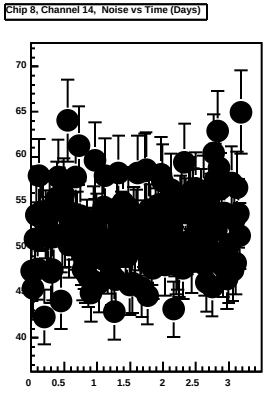

Chip 8, Channel 9, Noise vs Time (Days)

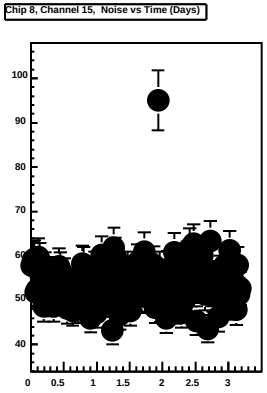

Chip 8, Channel 10, Noise vs Time (Days)

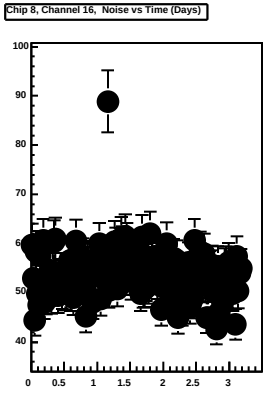

Chip 8, Channel 11, Noise vs Time (Days)

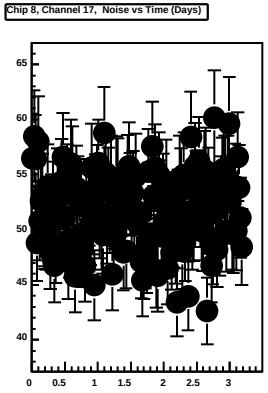

Chip 8, Channel 12, Noise vs Time (Days)

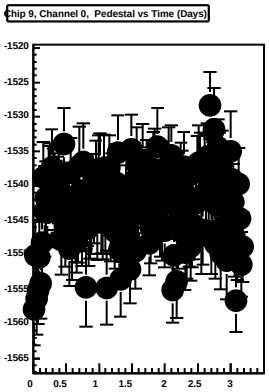

Chip 8, Channel 13, Noise vs Time (Days)

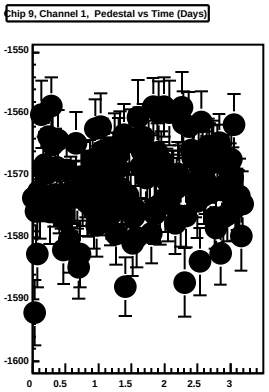

Chip 8, Channel 14, Noise vs Time (Days)

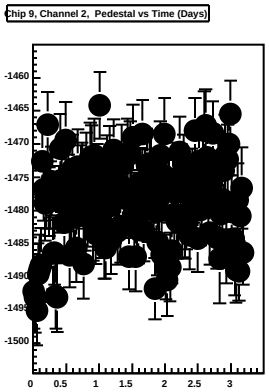

Chip 8, Channel 15, Noise vs Time (Days)

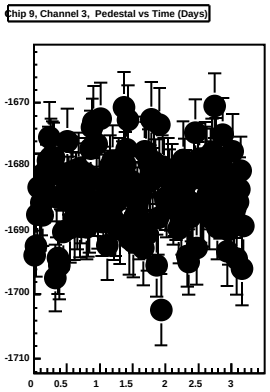

Chip 8, Channel 16, Noise vs Time (Days)

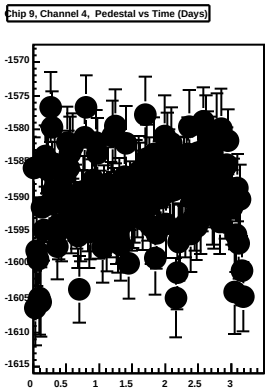

Chip 8, Channel 17, Noise vs Time (Days)

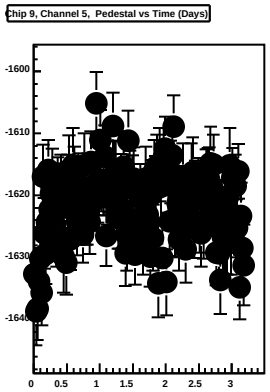

Chip 9, Channel 0, Pedestal vs Time (Days)

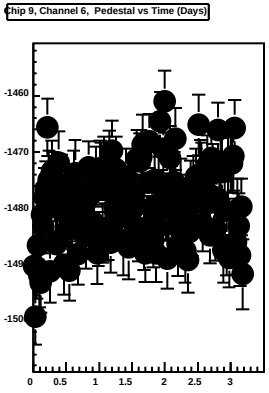

Chip 9, Channel 1, Pedestal vs Time (Days)

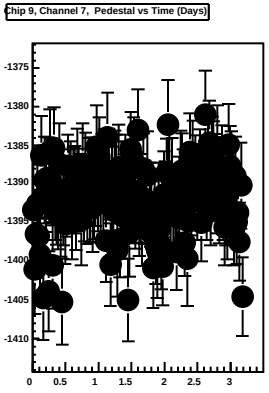

Chip 9, Channel 2, Pedestal vs Time (Days)

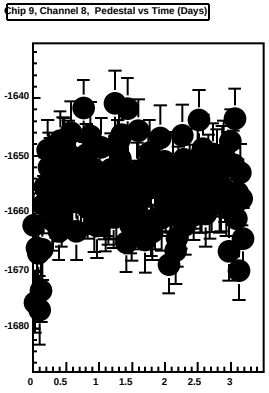

Chip 9, Channel 3, Pedestal vs Time (Days)

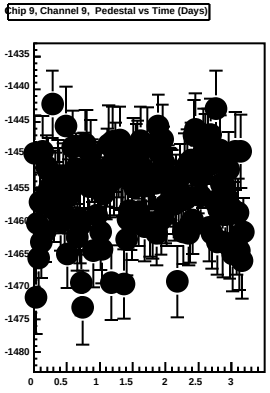

Chip 9, Channel 4, Pedestal vs Time (Days)

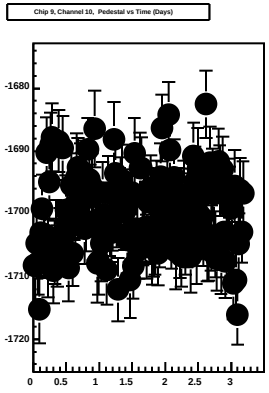

Chip 9, Channel 5, Pedestal vs Time (Days)

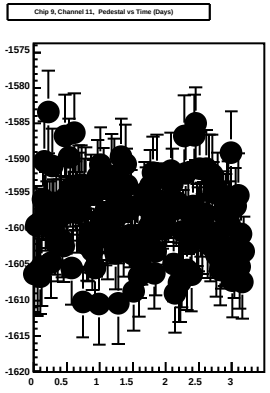

Chip 9, Channel 6, Pedestal vs Time (Days)

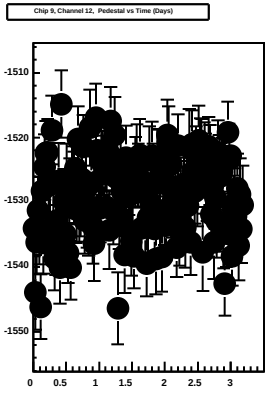

Chip 9, Channel 7, Pedestal vs Time (Days)

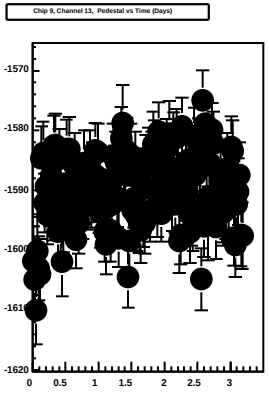

Chip 9, Channel 8, Pedestal vs Time (Days)

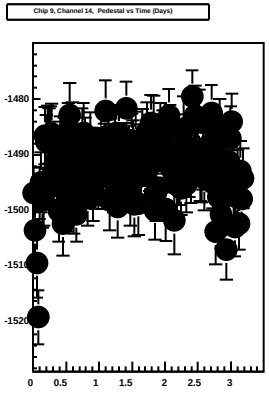

Chip 9, Channel 9, Pedestal vs Time (Days)

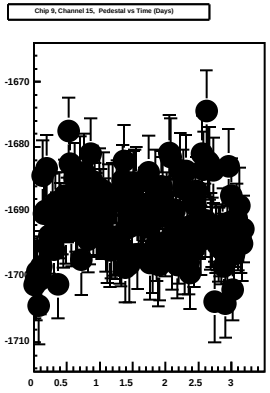

Chip 9, Channel 10, Pedestal vs Time (Days)

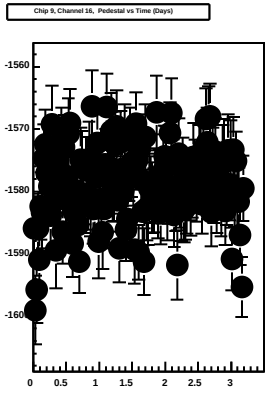

Chip 9, Channel 11, Pedestal vs Time (Days)

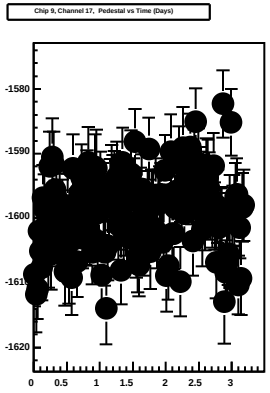

Chip 9, Channel 12, Pedestal vs Time (Days)

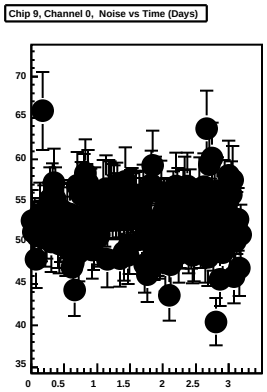

Chip 9, Channel 13, Pedestal vs Time (Days)

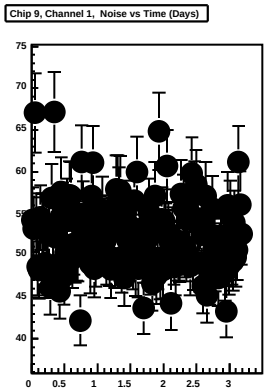

Chip 9, Channel 14, Pedestal vs Time (Days)

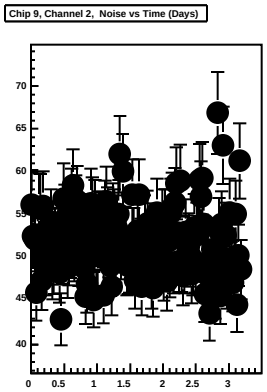

Chip 9, Channel 15, Pedestal vs Time (Days)

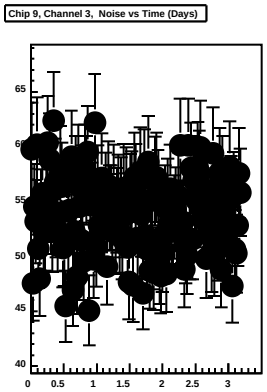

Chip 9, Channel 16, Pedestal vs Time (Days)

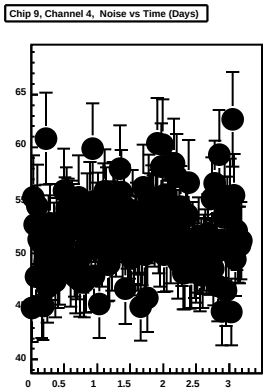

Chip 9, Channel 17, Pedestal vs Time (Days)

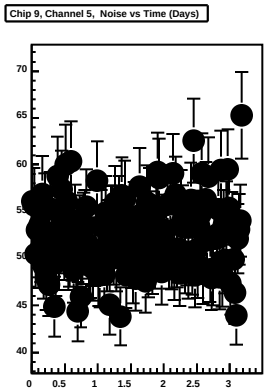

Chip 9, Channel 0, Noise vs Time (Days)

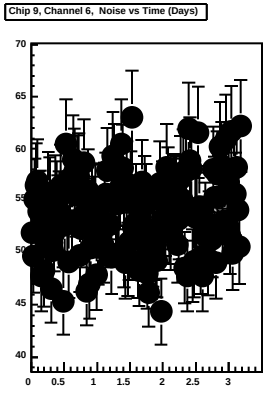

Chip 9, Channel 1, Noise vs Time (Days)

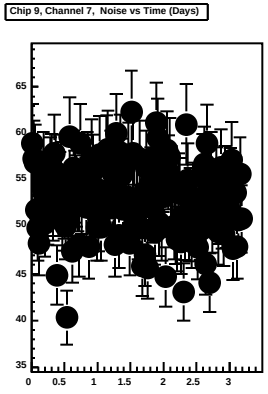

Chip 9, Channel 2, Noise vs Time (Days)

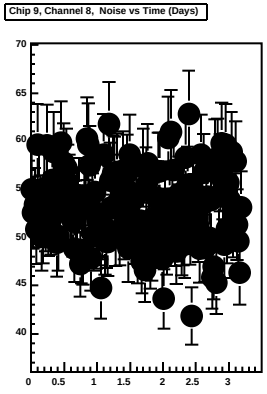

Chip 9, Channel 3, Noise vs Time (Days)

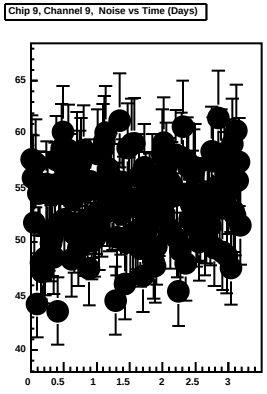

Chip 9, Channel 4, Noise vs Time (Days)

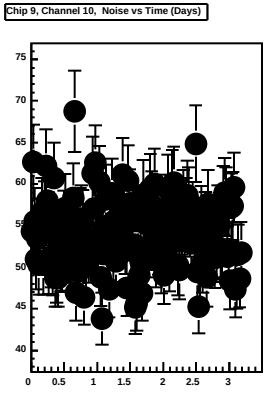

Chip 9, Channel 5, Noise vs Time (Days)

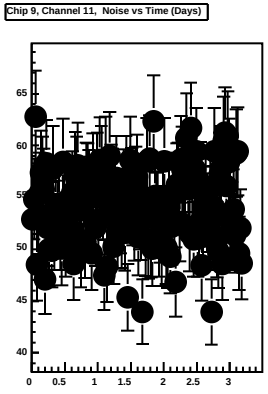

Chip 9, Channel 6, Noise vs Time (Days)

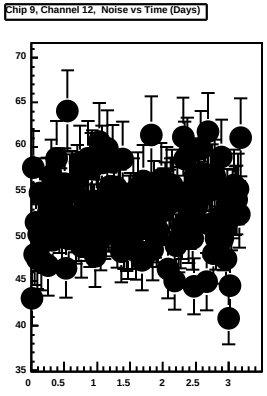

Chip 9, Channel 7, Noise vs Time (Days)

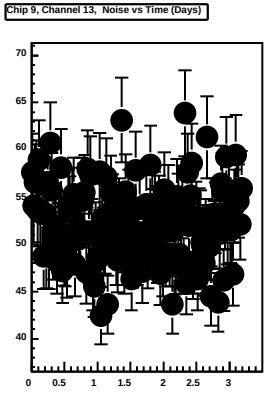

Chip 9, Channel 8, Noise vs Time (Days)

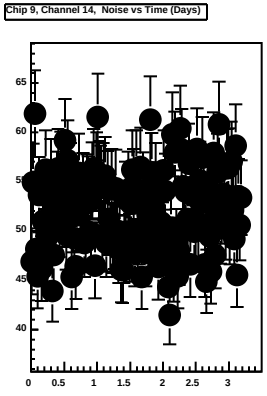

Chip 9, Channel 9, Noise vs Time (Days)

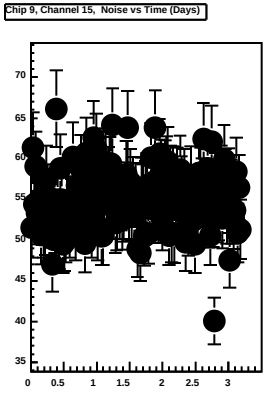

Chip 9, Channel 10, Noise vs Time (Days)

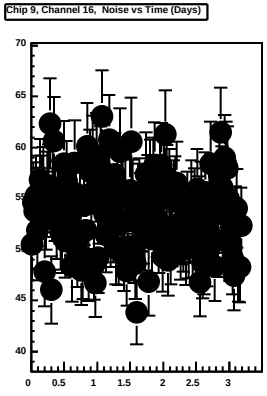

Chip 9, Channel 11, Noise vs Time (Days)

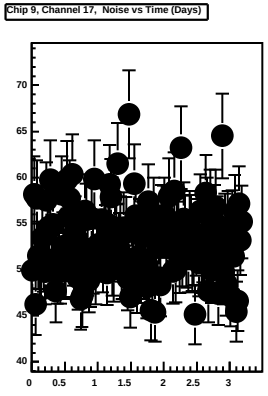

Chip 9, Channel 12, Noise vs Time (Days)

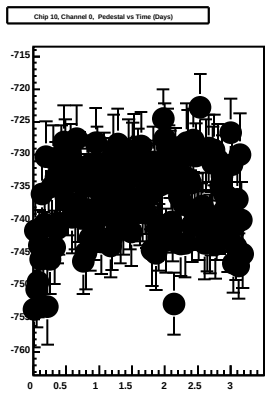

Chip 9, Channel 13, Noise vs Time (Days)

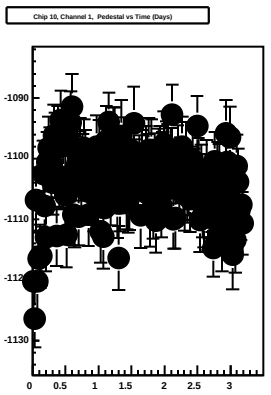

Chip 9, Channel 14, Noise vs Time (Days)

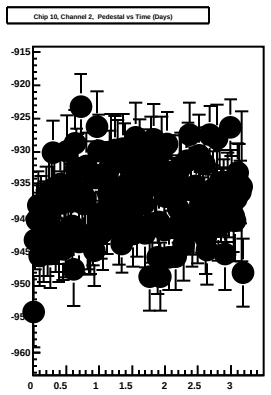

Chip 9, Channel 15, Noise vs Time (Days)

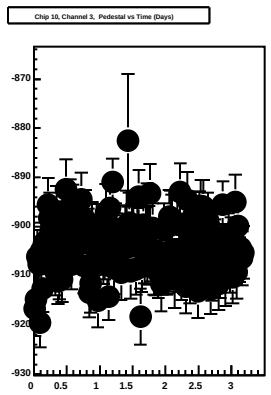

Chip 9, Channel 16, Noise vs Time (Days)

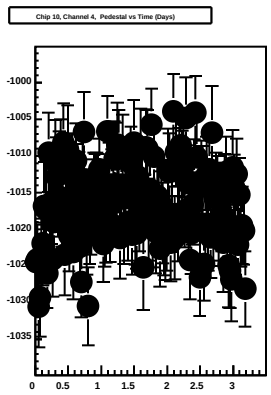

Chip 9, Channel 17, Noise vs Time (Days)

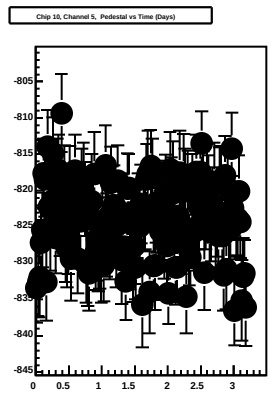

Chip 10, Channel 0, Pedestal vs Time (Days)

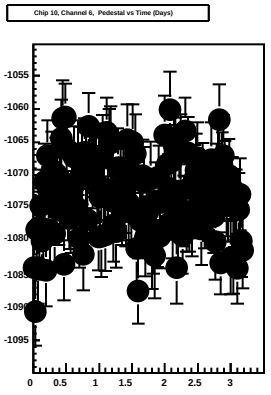

Chip 10, Channel 1, Pedestal vs Time (Days)

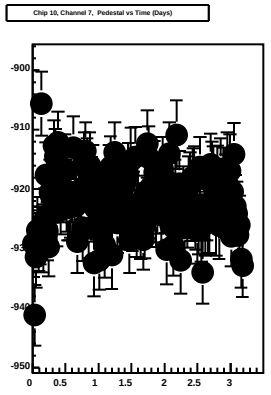

Chip 10, Channel 2, Pedestal vs Time (Days)

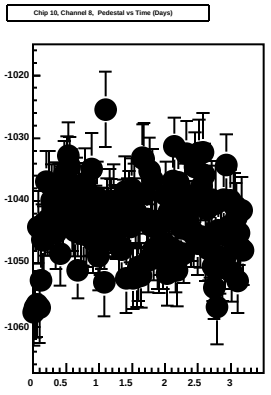

Chip 10, Channel 3, Pedestal vs Time (Days)

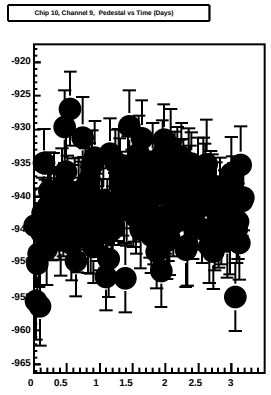

Chip 10, Channel 4, Pedestal vs Time (Days)

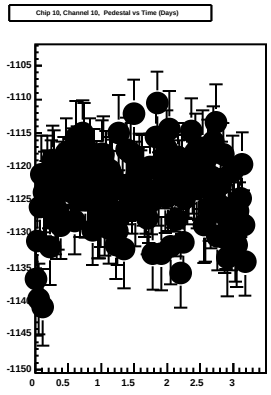

Chip 10, Channel 5, Pedestal vs Time (Days)

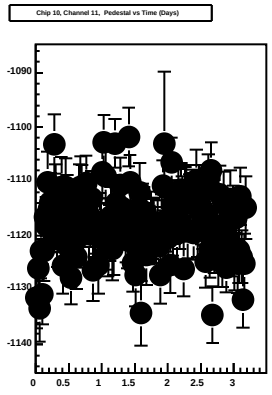

Chip 10, Channel 6, Pedestal vs Time (Days)

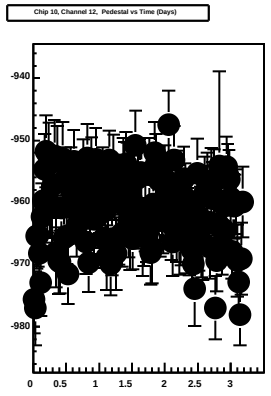

Chip 10, Channel 7, Pedestal vs Time (Days)

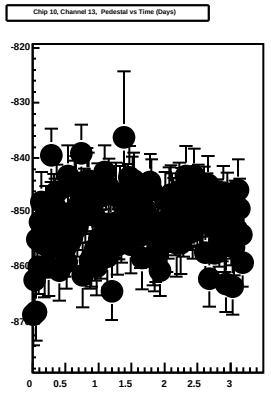

Chip 10, Channel 8, Pedestal vs Time (Days)

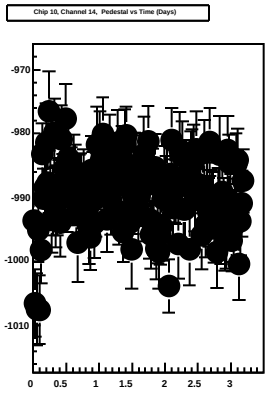

Chip 10, Channel 9, Pedestal vs Time (Days)

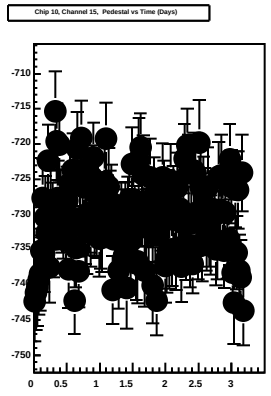

Chip 10, Channel 10, Pedestal vs Time (Days)

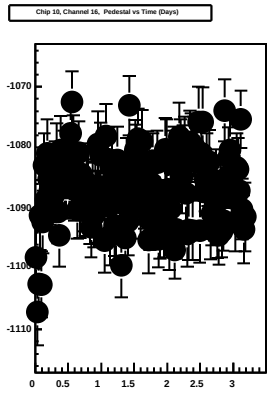

Chip 10, Channel 11, Pedestal vs Time (Days)

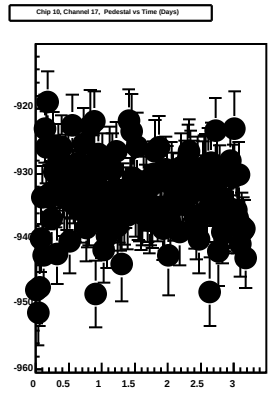

Chip 10, Channel 12, Pedestal vs Time (Days)

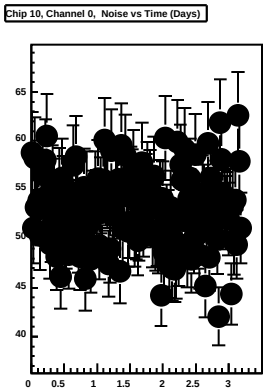

Chip 10, Channel 13, Pedestal vs Time (Days)

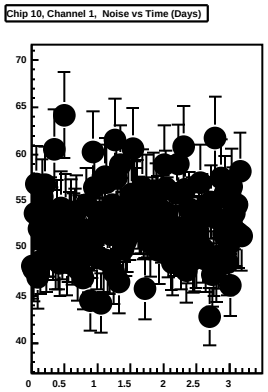

Chip 10, Channel 14, Pedestal vs Time (Days)

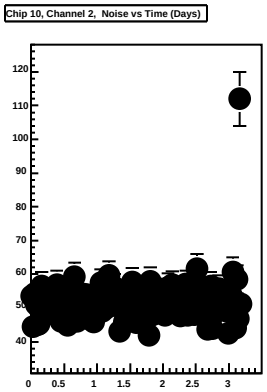

Chip 10, Channel 15, Pedestal vs Time (Days)

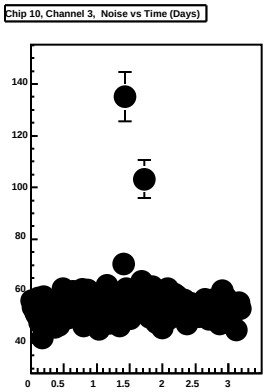

Chip 10, Channel 16, Pedestal vs Time (Days)

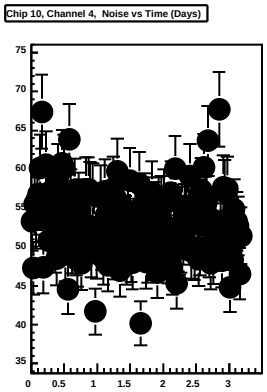

Chip 10, Channel 17, Pedestal vs Time (Days)

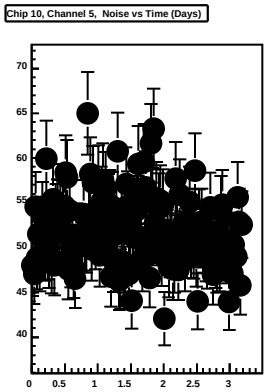

Chip 10, Channel 0, Noise vs Time (Days)

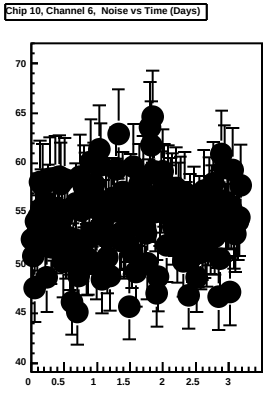

Chip 10, Channel 1, Noise vs Time (Days)

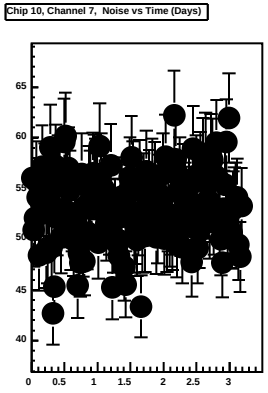

Chip 10, Channel 2, Noise vs Time (Days)

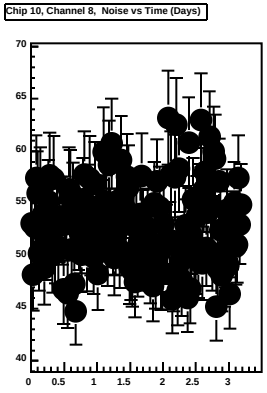

Chip 10, Channel 3, Noise vs Time (Days)

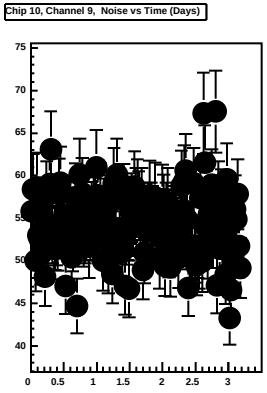

Chip 10, Channel 4, Noise vs Time (Days)

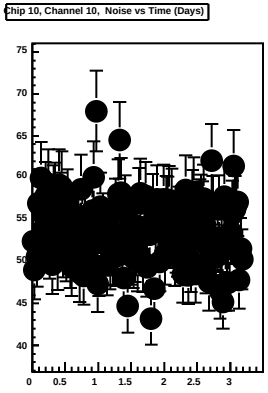

Chip 10, Channel 5, Noise vs Time (Days)

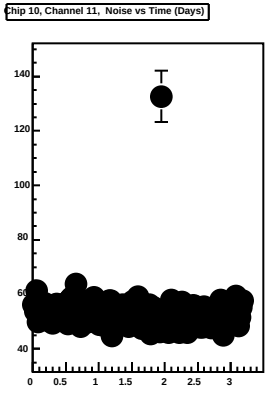

Chip 10, Channel 6, Noise vs Time (Days)

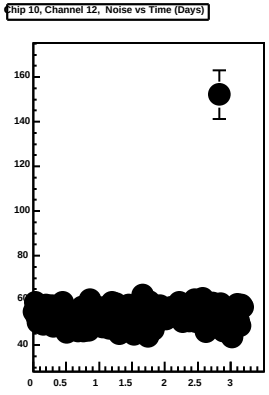

Chip 10, Channel 7, Noise vs Time (Days)

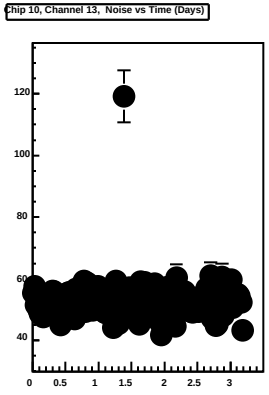

Chip 10, Channel 8, Noise vs Time (Days)

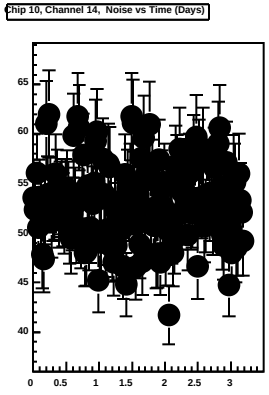

Chip 10, Channel 9, Noise vs Time (Days)

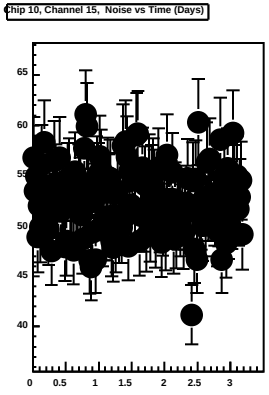

Chip 10, Channel 10, Noise vs Time (Days)

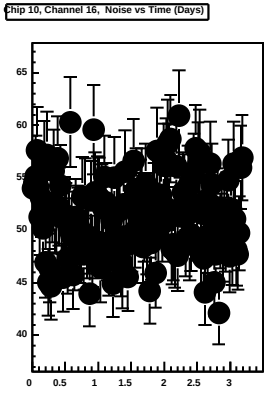

Chip 10, Channel 11, Noise vs Time (Days)

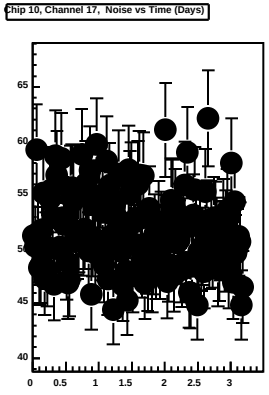

Chip 10, Channel 12, Noise vs Time (Days)

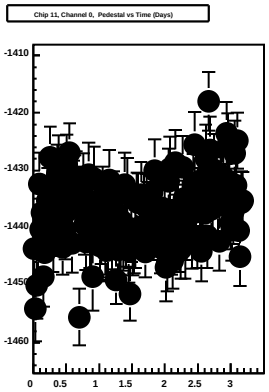

Chip 10, Channel 13, Noise vs Time (Days)

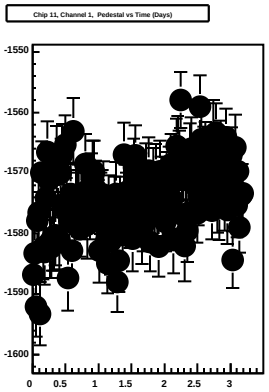

Chip 10, Channel 14, Noise vs Time (Days)

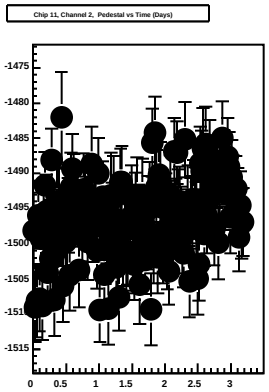

Chip 10, Channel 15, Noise vs Time (Days)

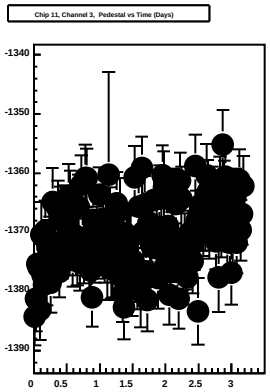

Chip 10, Channel 16, Noise vs Time (Days)

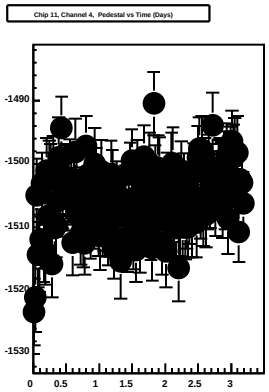

Chip 10, Channel 17, Noise vs Time (Days)

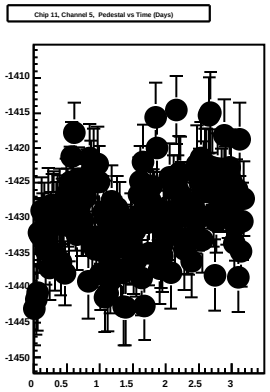

Chip 11, Channel 0, Pedestal vs Time (Days)

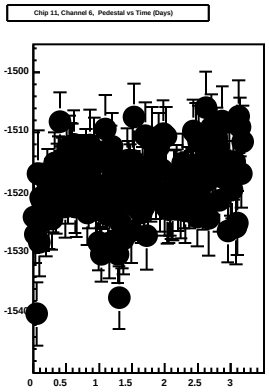

Chip 11, Channel 1, Pedestal vs Time (Days)

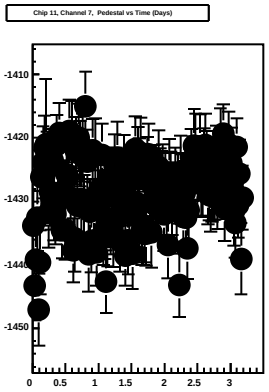

Chip 11, Channel 2, Pedestal vs Time (Days)

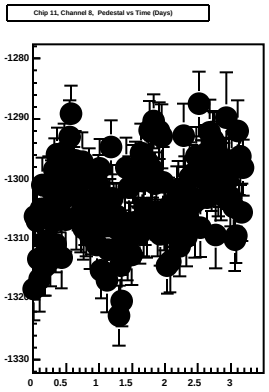

Chip 11, Channel 3, Pedestal vs Time (Days)

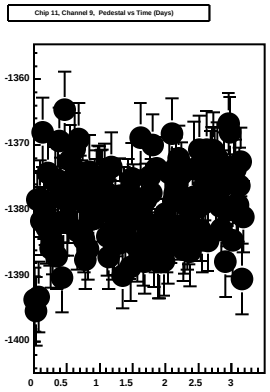

Chip 11, Channel 4, Pedestal vs Time (Days)

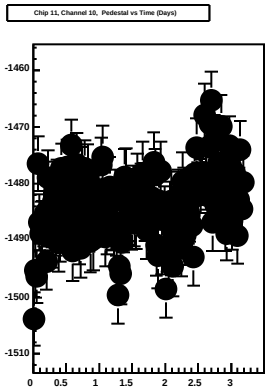

Chip 11, Channel 5, Pedestal vs Time (Days)

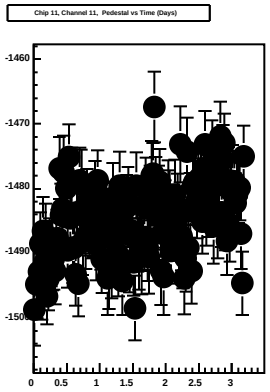

Chip 11, Channel 6, Pedestal vs Time (Days)

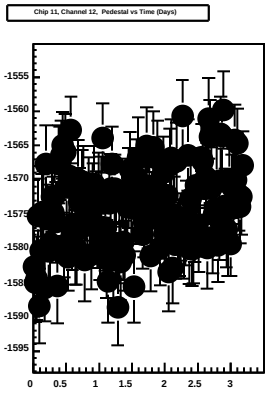

Chip 11, Channel 7, Pedestal vs Time (Days)

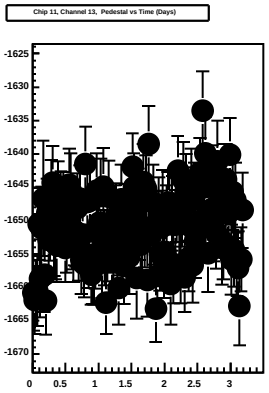

Chip 11, Channel 8, Pedestal vs Time (Days)

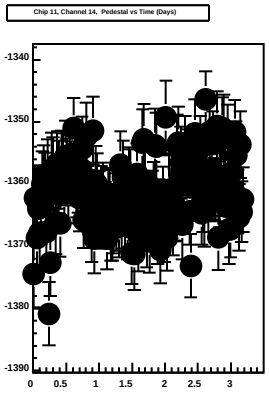

Chip 11, Channel 9, Pedestal vs Time (Days)

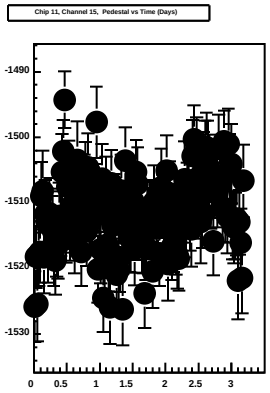

Chip 11, Channel 10, Pedestal vs Time (Days)

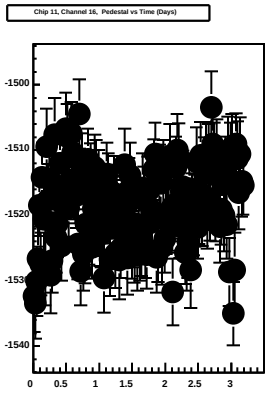

Chip 11, Channel 11, Pedestal vs Time (Days)

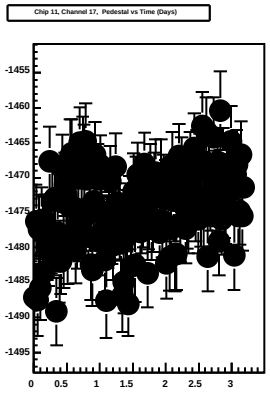

Chip 11, Channel 12, Pedestal vs Time (Days)

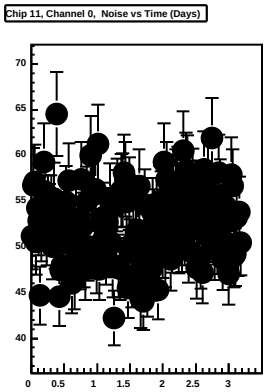

Chip 11, Channel 13, Pedestal vs Time (Days)

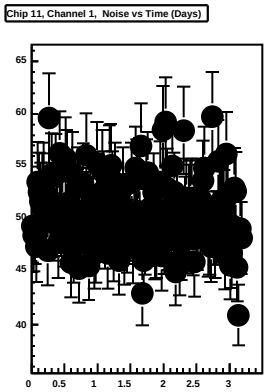

Chip 11, Channel 14, Pedestal vs Time (Days)

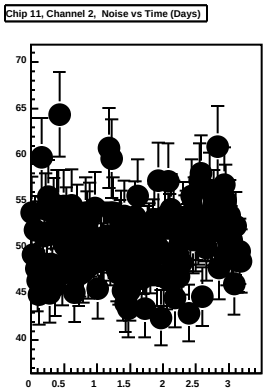

Chip 11, Channel 15, Pedestal vs Time (Days)

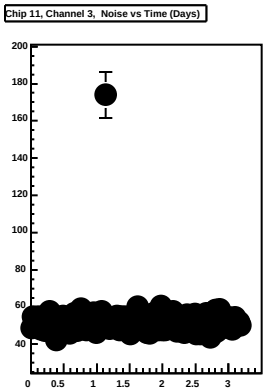

Chip 11, Channel 16, Pedestal vs Time (Days)

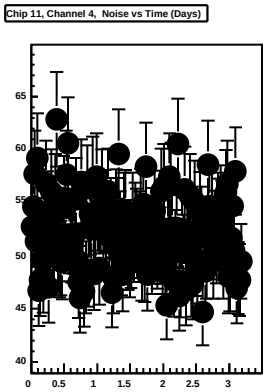

Chip 11, Channel 17, Pedestal vs Time (Days)

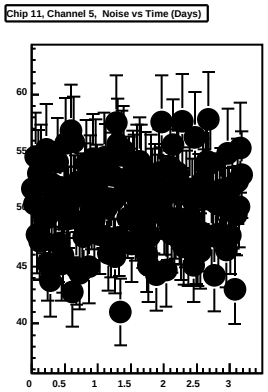

Chip 11, Channel 0, Noise vs Time (Days)

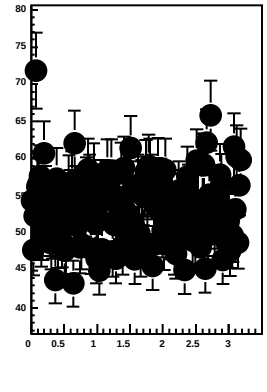

Chip 11, Channel 1, Noise vs Time (Days)

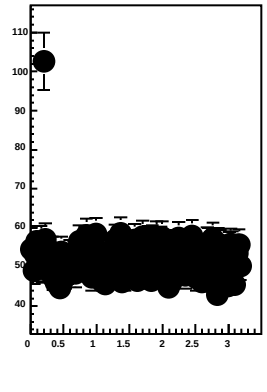

Chip 11, Channel 2, Noise vs Time (Days)

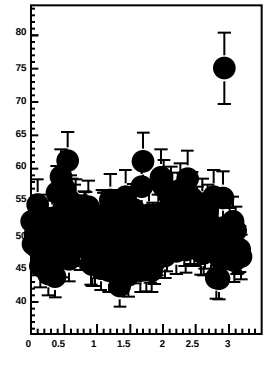

Chip 11, Channel 3, Noise vs Time (Days)

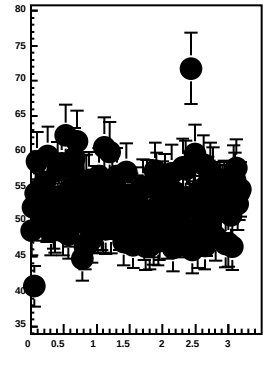

Chip 11, Channel 4, Noise vs Time (Days)

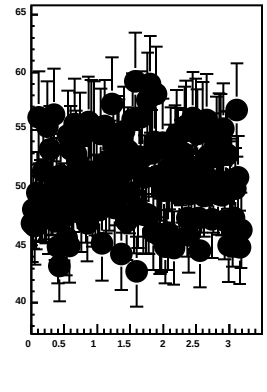

Chip 11, Channel 5, Noise vs Time (Days)

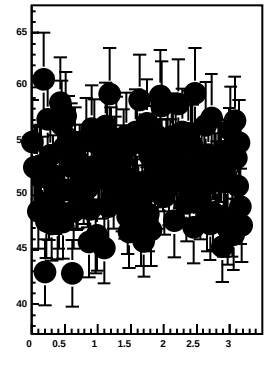

Chip 11, Channel 6, Noise vs Time (Days)

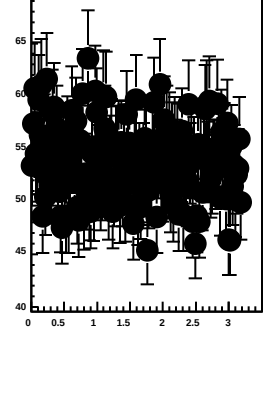

Chip 11, Channel 7, Noise vs Time (Days)

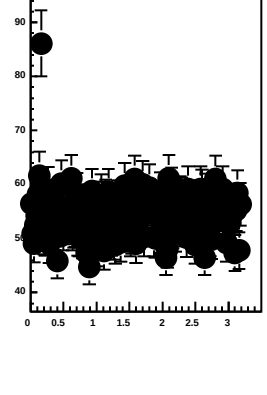

Chip 11, Channel 8, Noise vs Time (Days)

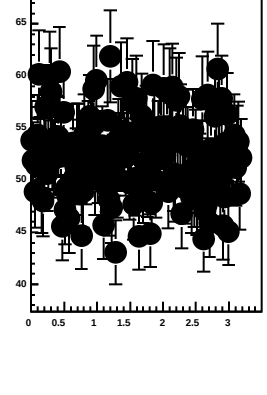

Chip 11, Channel 9, Noise vs Time (Days)

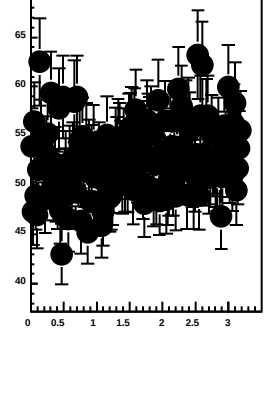

Chip 11, Channel 10, Noise vs Time (Days)

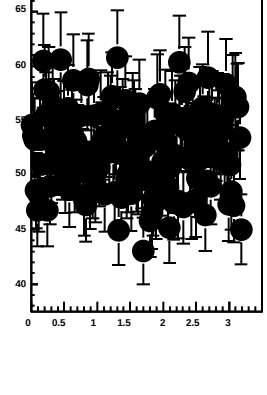

Chip 11, Channel 11, Noise vs Time (Days)

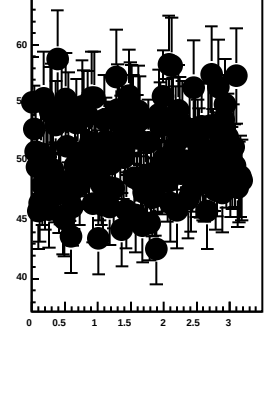

Chip 11, Channel 12, Noise vs Time (Days)


Chip 11, Channel 13, Noise vs Time (Days)

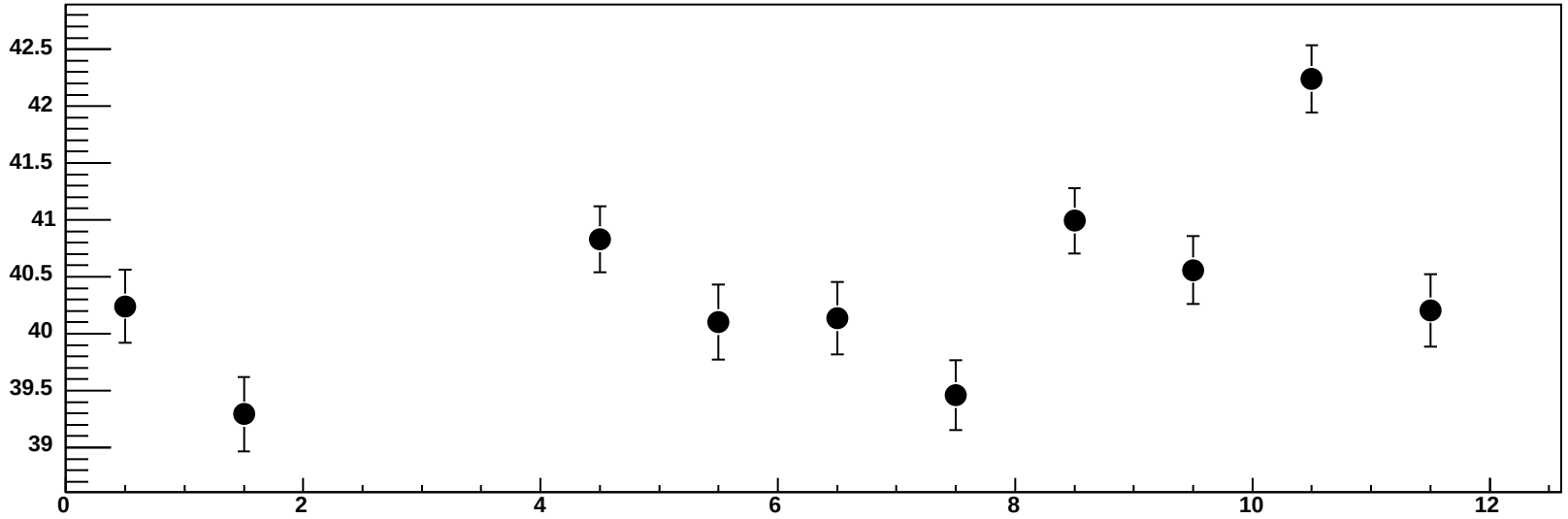

Chip 11, Channel 14, Noise vs Time (Days)


Chip 11, Channel 15, Noise vs Time (Days)

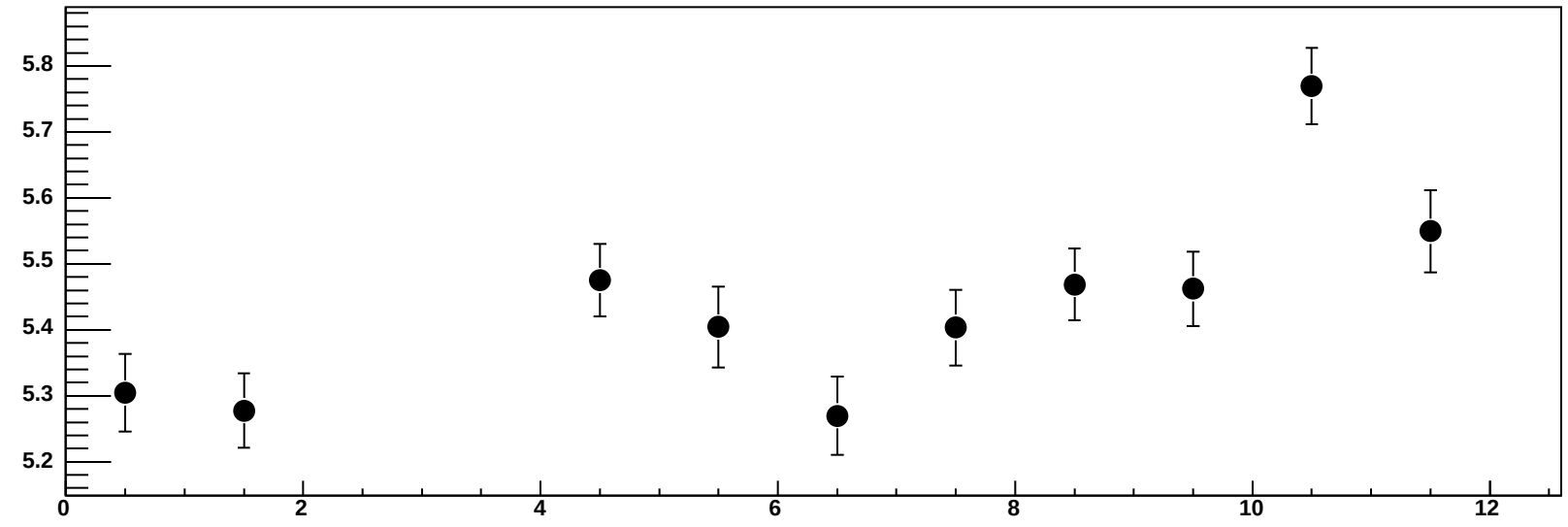

Chip 11, Channel 16, Noise vs Time (Days)


Chip 11, Channel 17, Noise vs Time (Days)

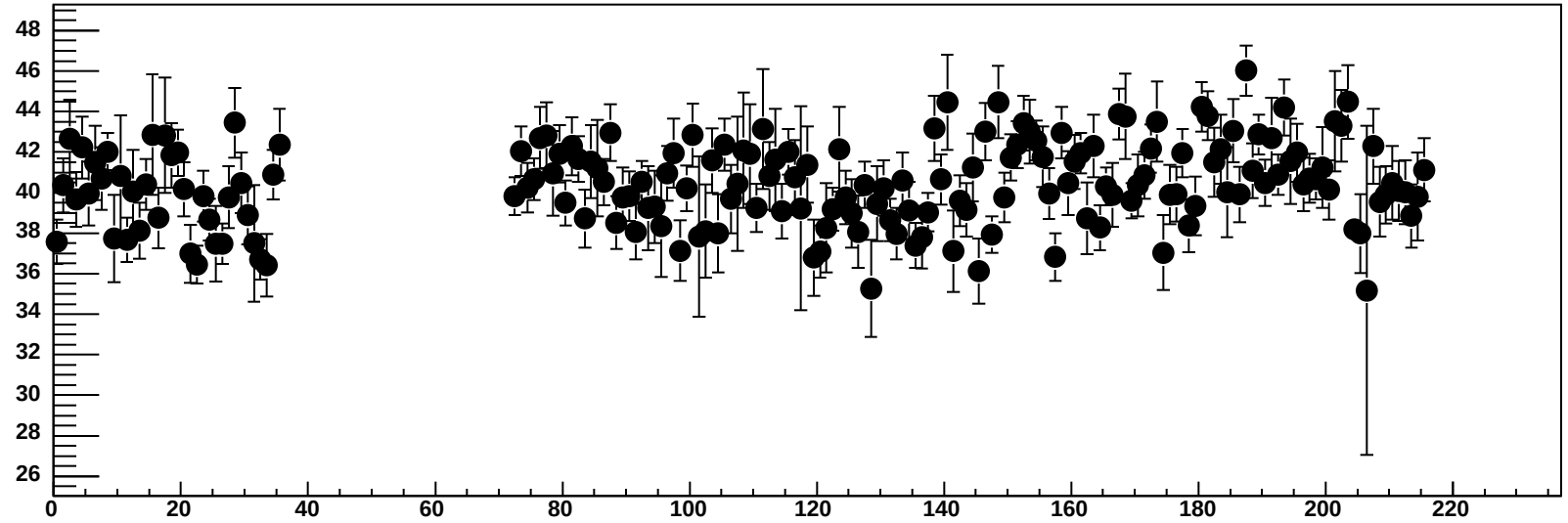
Fit Signal vs Chip



Fit Signal/Noise vs Chip



Fit Signal vs 18*Chip+Chan



Fit Signal/Noise vs 18*Chip+Chan