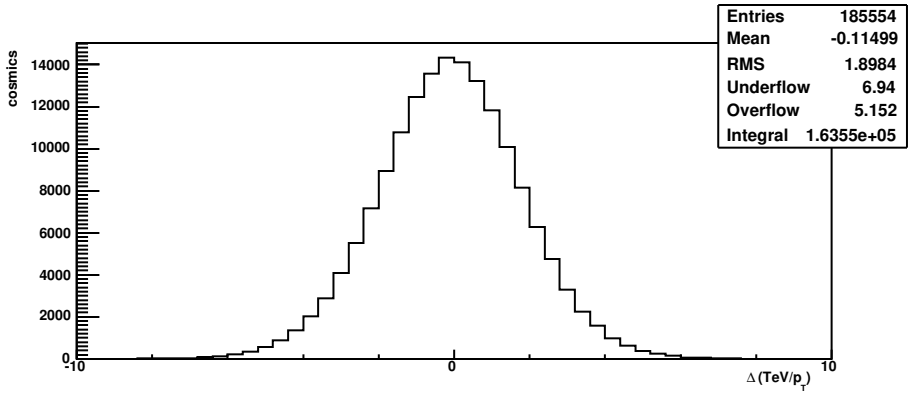
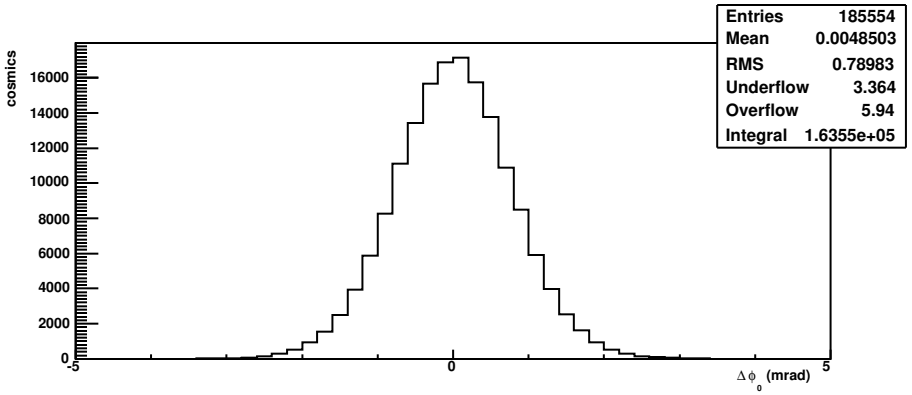
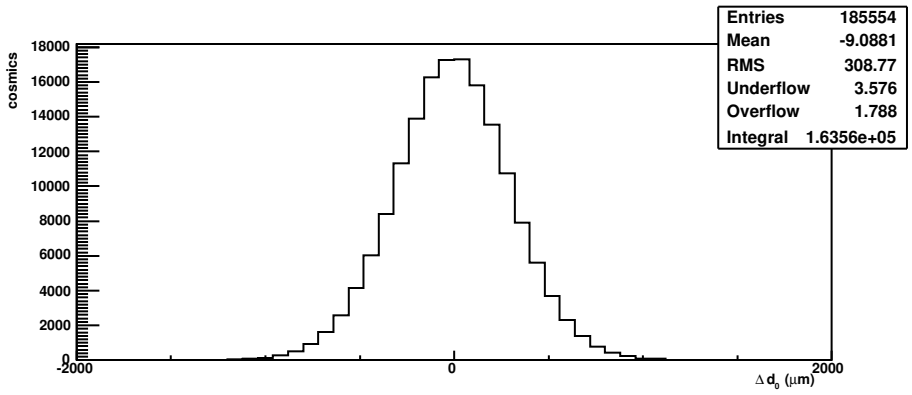
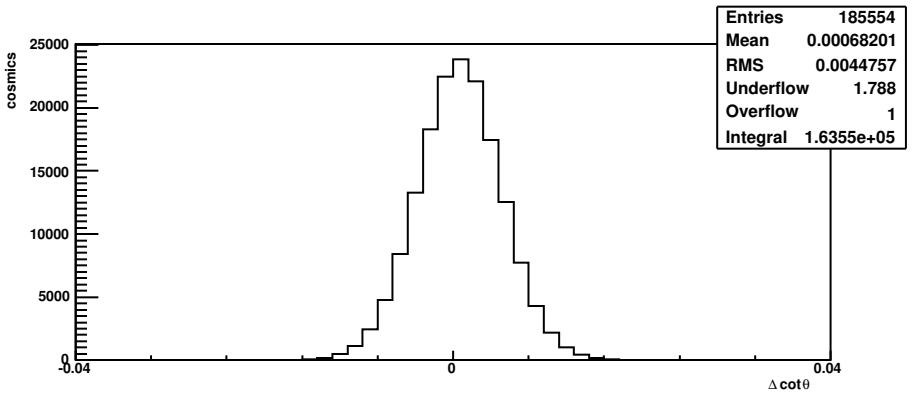
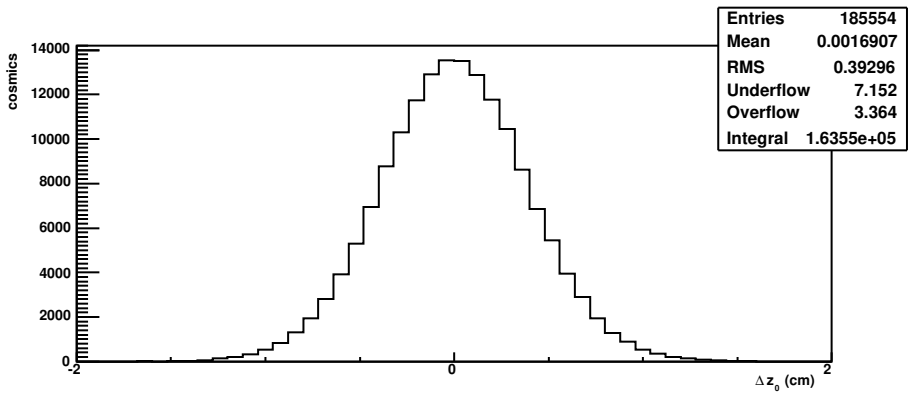
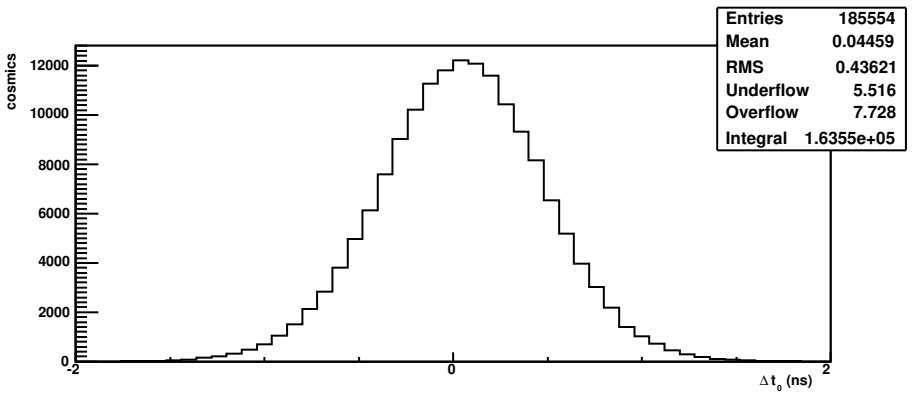

Entries 185554
Mean -0.11499
RMS 1.8984
Underflow 6.94
Overflow 5.152
Integral 1.6355e+05
cosmics
Δ (TeV/p_T)

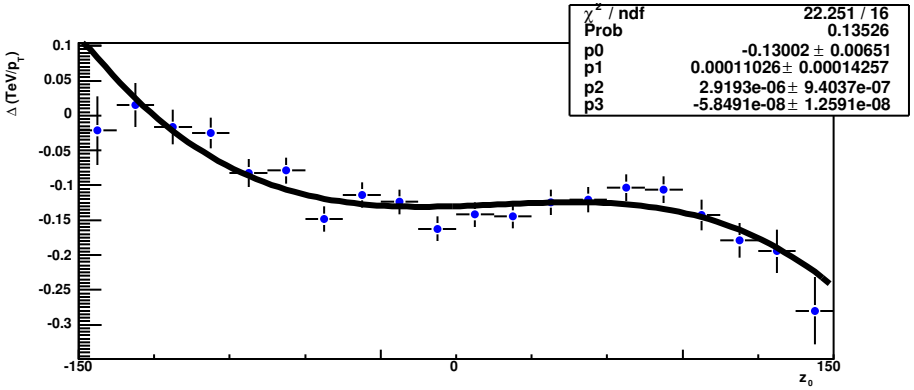

Entries 185554
Mean 0.0048503
RMS 0.78983
Underflow 3.364
Overflow 5.94
Integral 1.6355e+05
cosmics
Δ φ_0 (mrad)

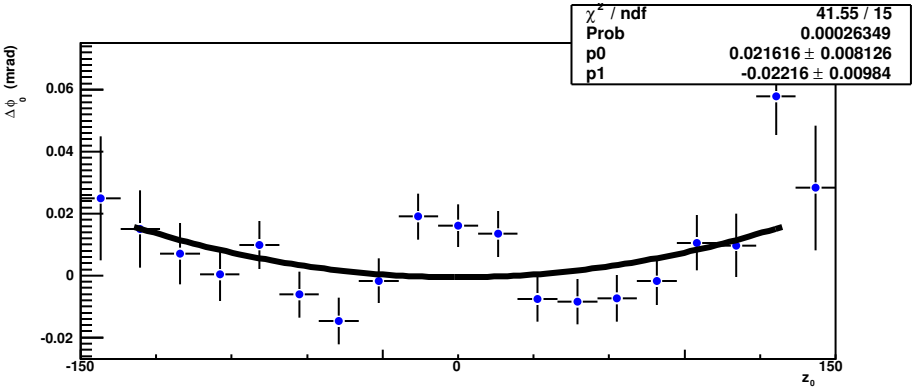

Entries 185554
Mean -9.0881
RMS 308.77
Underflow 3.576
Overflow 1.788
Integral 1.6356e+05
cosmics
Δ d_0 (μm)

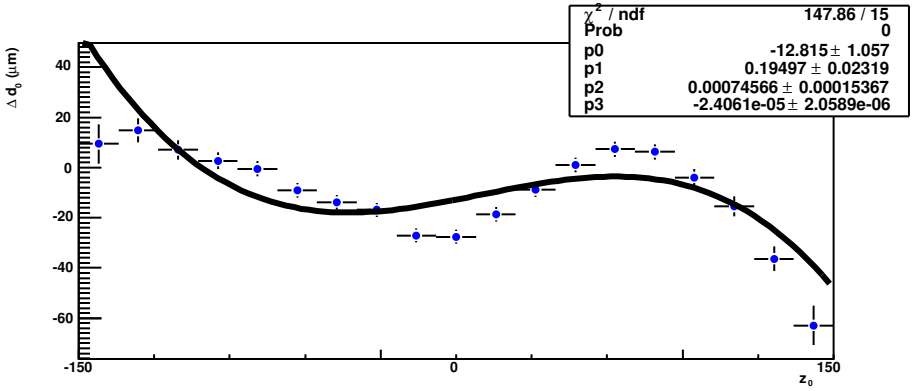

Entries 185554
Mean 0.00068201
RMS 0.0044757
Underflow 1.788
Overflow 1
Integral 1.6355e+05
cosmics
Δ cotθ

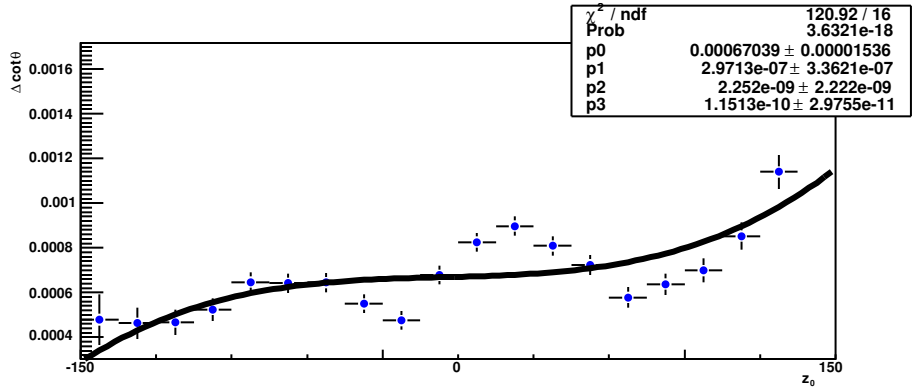

Entries 185554
Mean 0.0016907
RMS 0.39296
Underflow 7.152
Overflow 3.364
Integral 1.6355e+05
cosmics
Δ z_0 (cm)

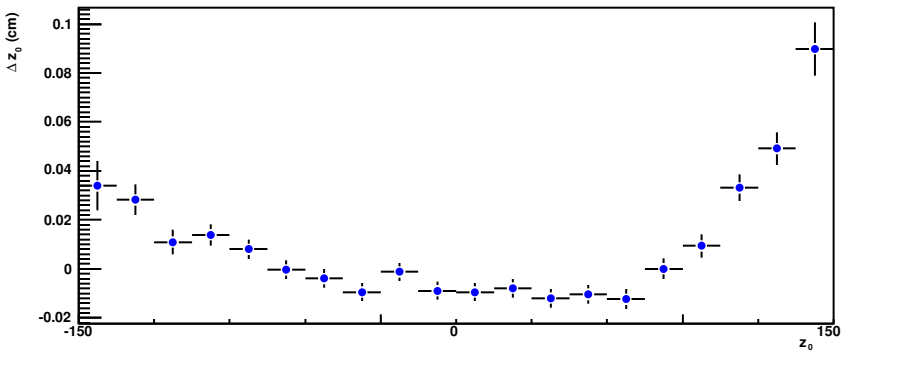

Entries 185554
Mean 0.04459
RMS 0.43621
Underflow 5.516
Overflow 7.728
Integral 1.6355e+05
cosmics
Δ t_0 (ns)

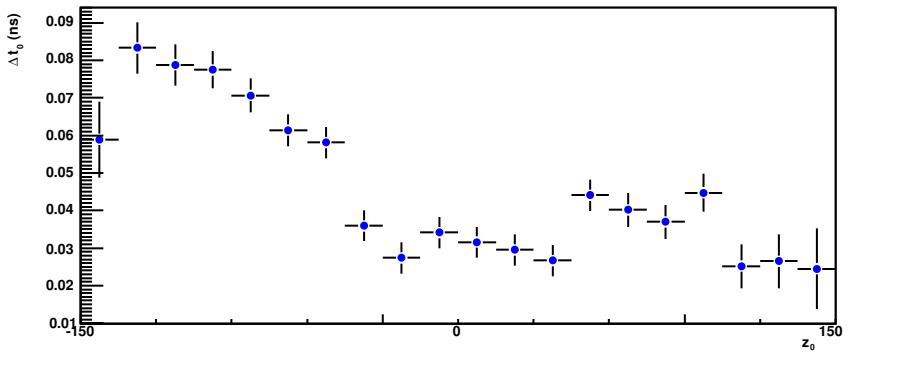

χ^2 / ndf 22.251 / 16
Prob 0.13526
p0 -0.13002 ± 0.00651
p1 0.00011026 ± 0.00014257
p2 2.9193e-06 ± 9.4037e-07
p3 -5.8491e-08 ± 1.2591e-08
$\Delta(1/p_T)$ (TeV/p_T)
z_0

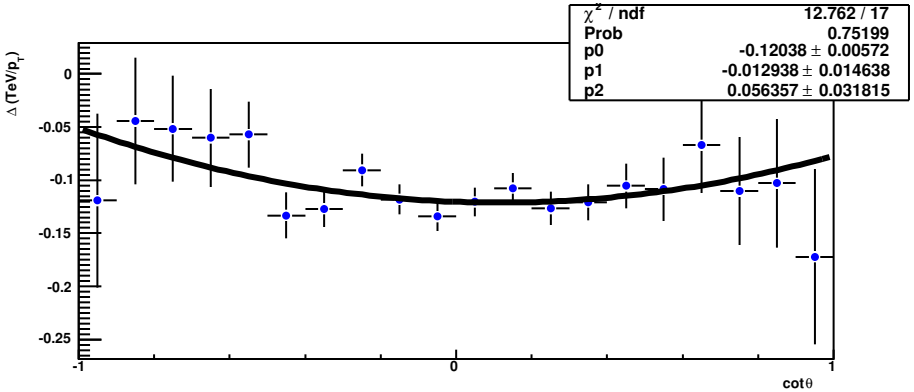

χ^2 / ndf 41.55 / 15
Prob 0.00026349
p0 0.021616 ± 0.008126
p1 -0.02216 ± 0.00984
$\Delta\phi_0$ (mrad)
z_0

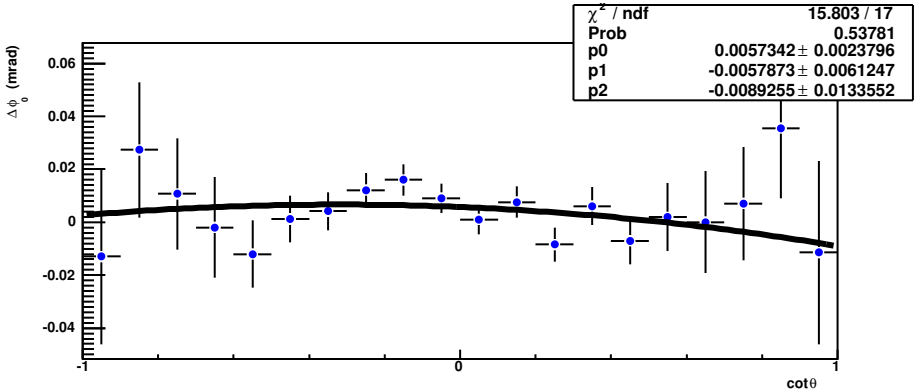

χ^2 / ndf 147.86 / 15
Prob 0
p0 -12.815 ± 1.057
p1 0.19497 ± 0.02319
p2 0.00074566 ± 0.00015367
p3 -2.4061e-05 ± 2.0589e-06
Δd_0 (μm)
z_0

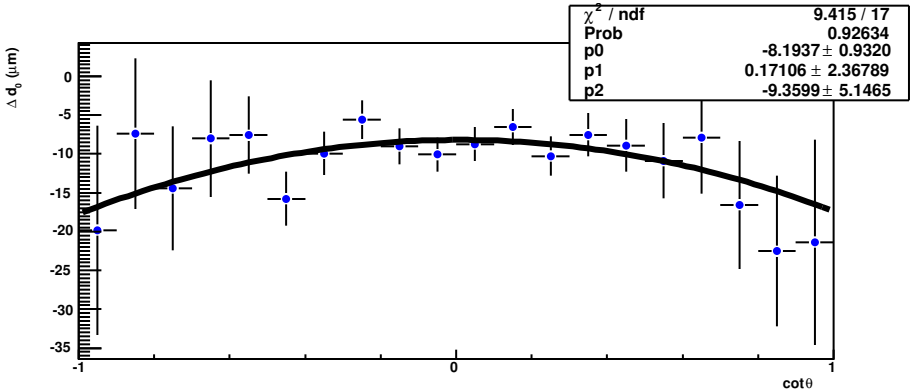

χ^2 / ndf 120.92 / 16
Prob 3.6321e-18
p0 0.00067039 ± 0.00001536
p1 2.9713e-07 ± 3.3621e-07
p2 2.252e-09 ± 2.222e-09
p3 1.1513e-10 ± 2.9755e-11
$\Delta\cot\theta$
z_0

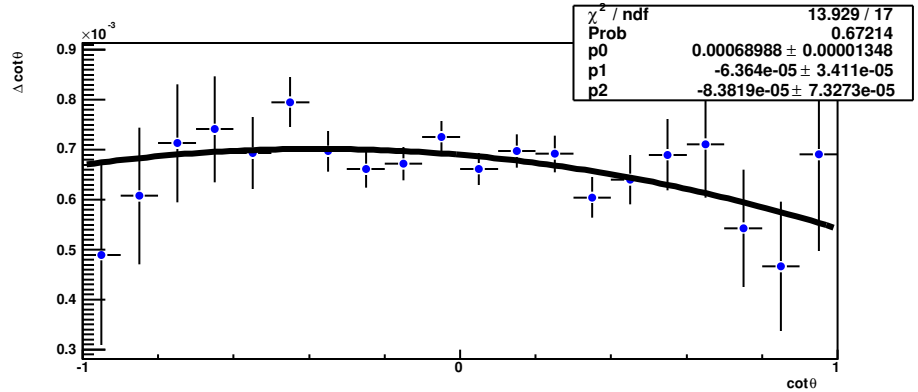

Δz_0 (cm)
z_0

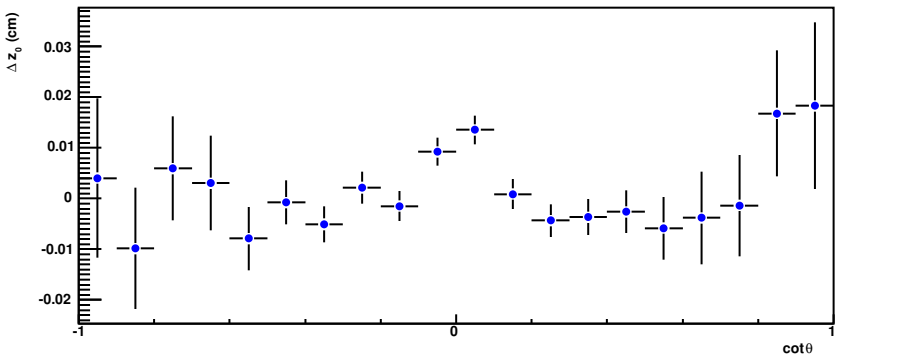

Δt_0 (ns)
z_0

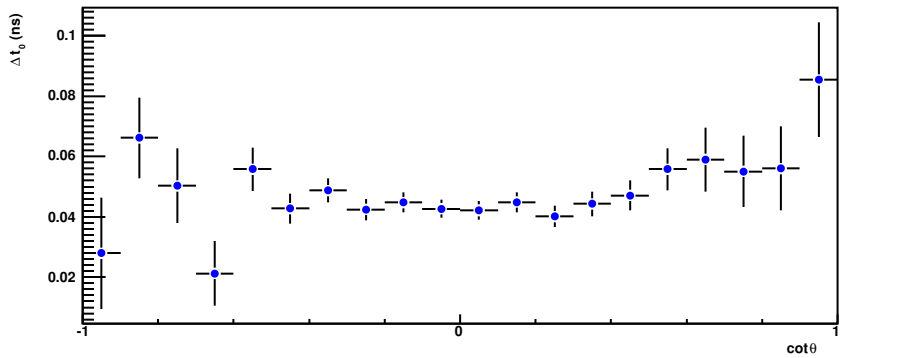

χ² / ndf 12.762 / 17
Prob 0.75199
p0 -0.12038 ± 0.00572
p1 -0.012938 ± 0.014638
p2 0.056357 ± 0.031815
Δ (TeV/p_T)
cotθ

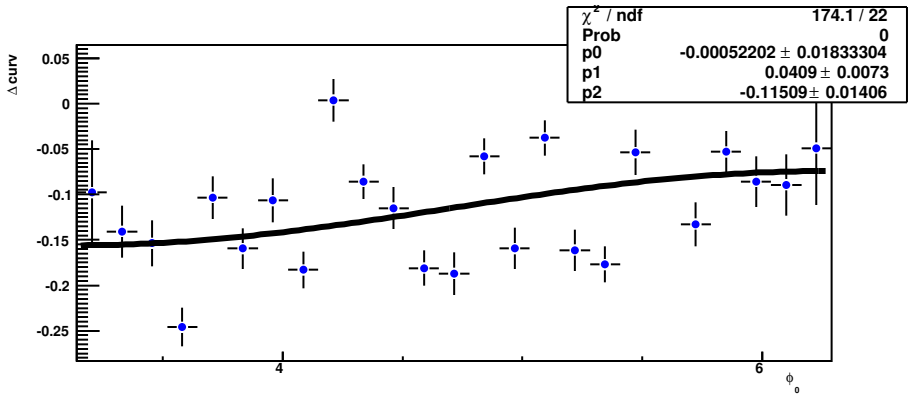

χ² / ndf 15.803 / 17
Prob 0.53781
p0 0.0057342 ± 0.0023796
p1 -0.0057873 ± 0.0061247
p2 -0.0089255 ± 0.0133552
Δ φ_0 (mrad)
cotθ

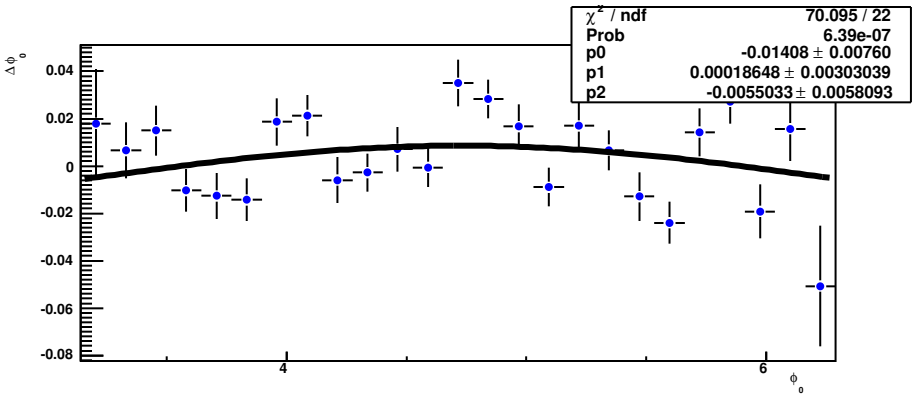

χ² / ndf 9.415 / 17
Prob 0.92634
p0 -8.1937 ± 0.9320
p1 0.17106 ± 2.36789
p2 -9.3599 ± 5.1465
Δ d_0 (μm)
cotθ

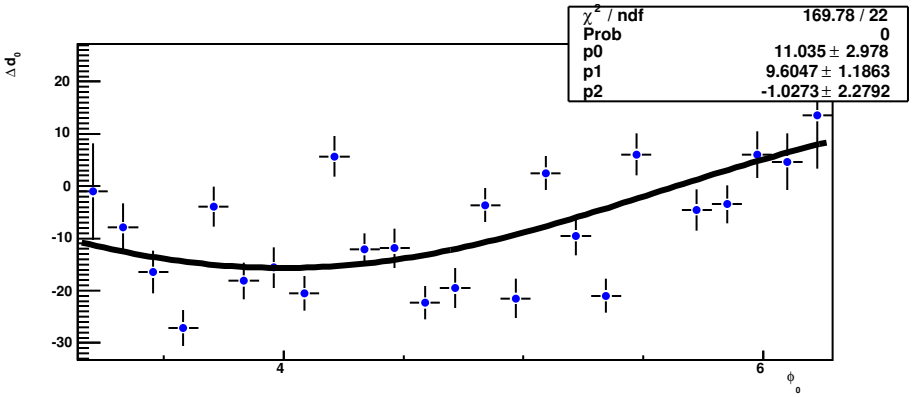

χ² / ndf 13.929 / 17
Prob 0.67214
p0 0.00068988 ± 0.00001348
p1 -6.364e-05 ± 3.411e-05
p2 -8.3819e-05 ± 7.3273e-05
×10⁻³
Δ cotθ
cotθ

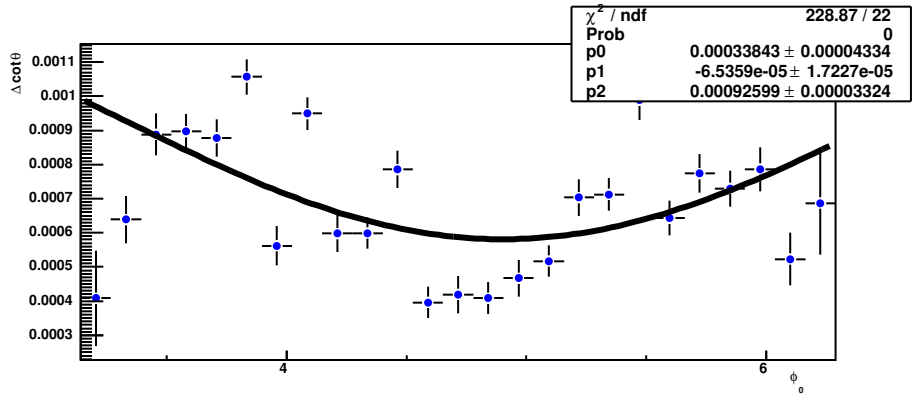

Δ z_0 (cm)
cotθ

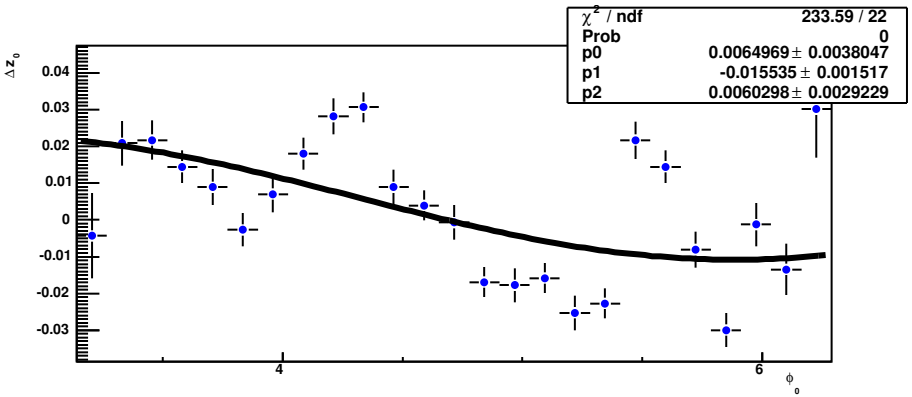

Δ t_0 (ns)
cotθ

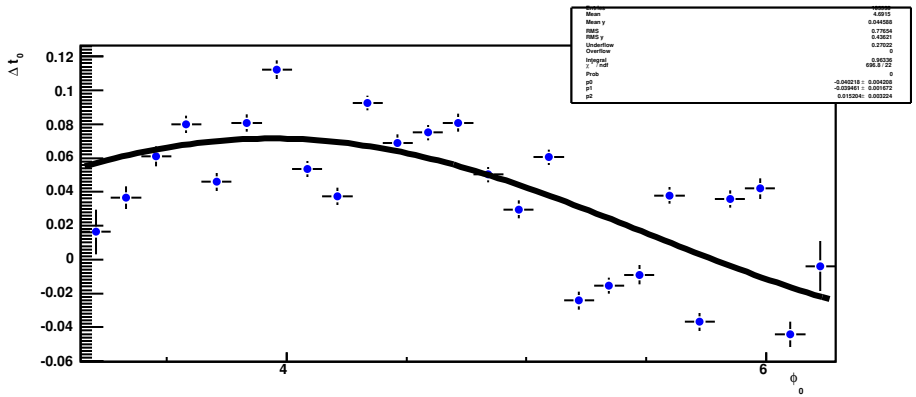

χ² / ndf 174.1 / 22
Prob 0
p0 -0.00052202 ± 0.01833304
p1 0.0409 ± 0.0073
p2 -0.11509 ± 0.01406
Δ curv
φ0

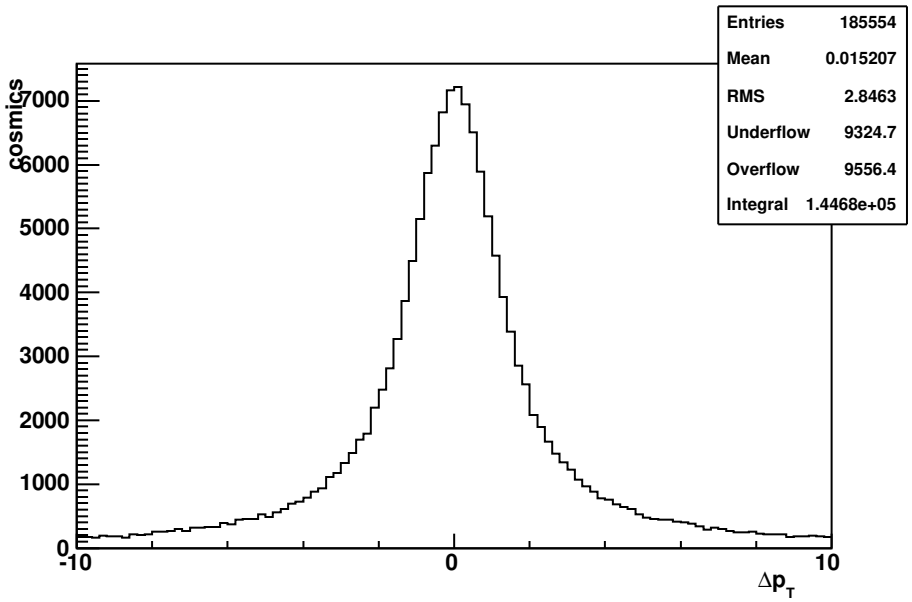

χ² / ndf 70.095 / 22
Prob 6.39e-07
p0 -0.01408 ± 0.00760
p1 0.00018648 ± 0.00303039
p2 -0.0055033 ± 0.0058093
Δ φ0
φ0

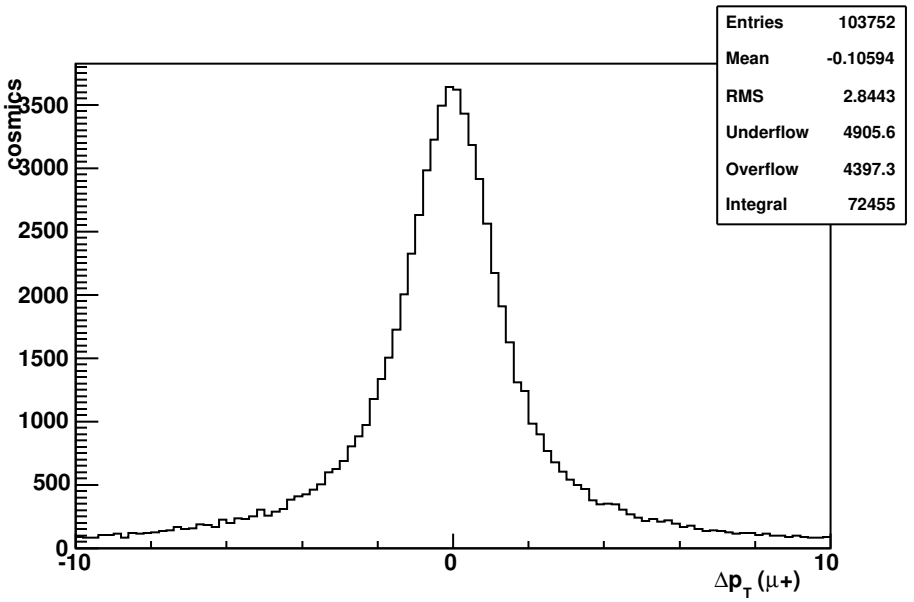

χ² / ndf 169.78 / 22
Prob 0
p0 11.035 ± 2.978
p1 9.6047 ± 1.1863
p2 -1.0273 ± 2.2792
Δ d0
φ0

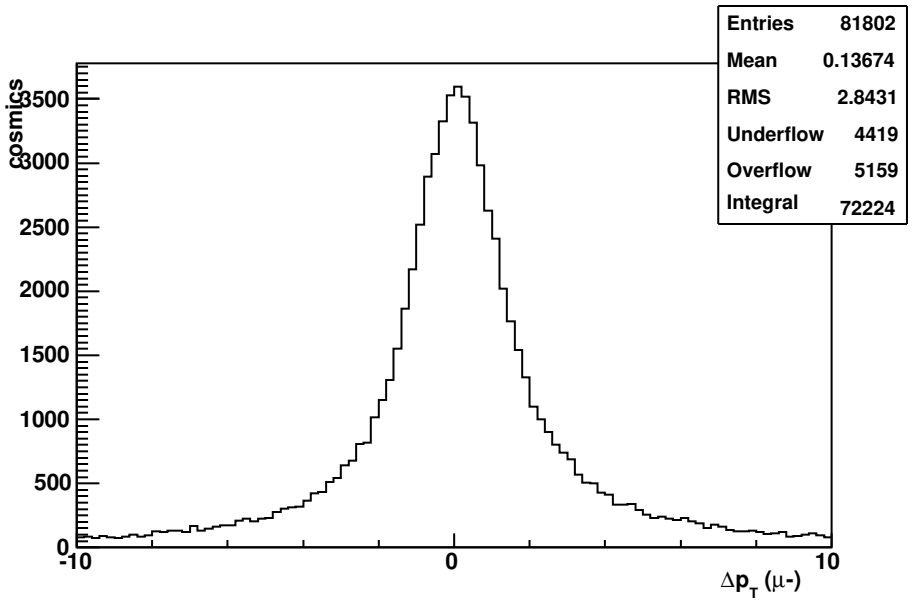

χ² / ndf 228.87 / 22
Prob 0
p0 0.00033843 ± 0.00004334
p1 -6.5359e-05 ± 1.7227e-05
p2 0.00092599 ± 0.00003324
Δ cotθ
φ0

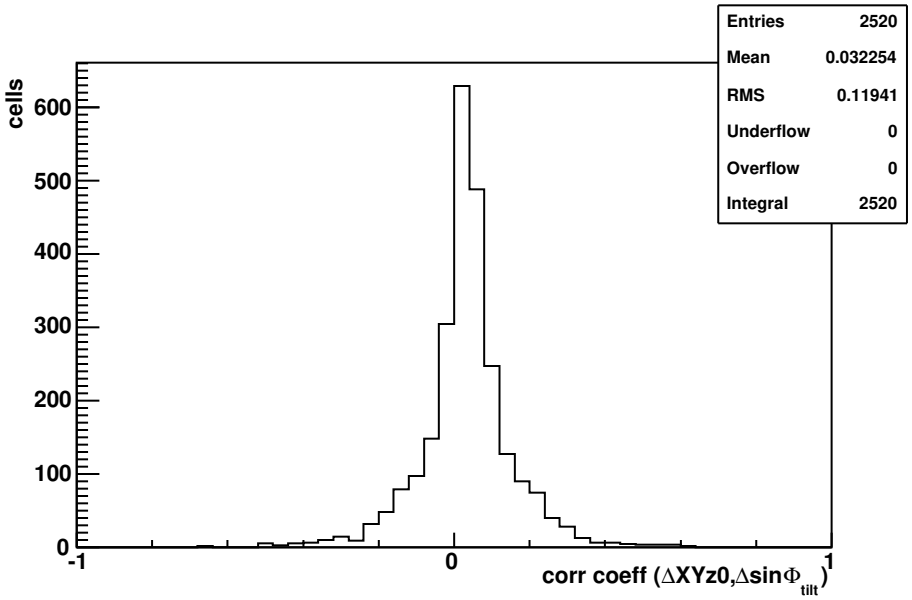

χ² / ndf 233.59 / 22
Prob 0
p0 0.0064969 ± 0.0038047
p1 -0.015535 ± 0.001517
p2 0.0060298 ± 0.0029229
Δ z0
φ0

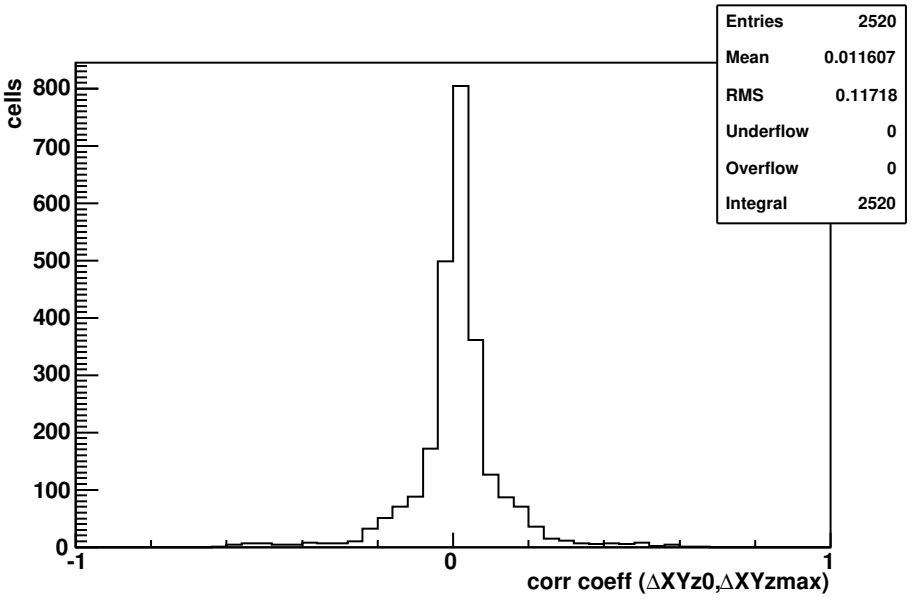

Δ t0
φ0

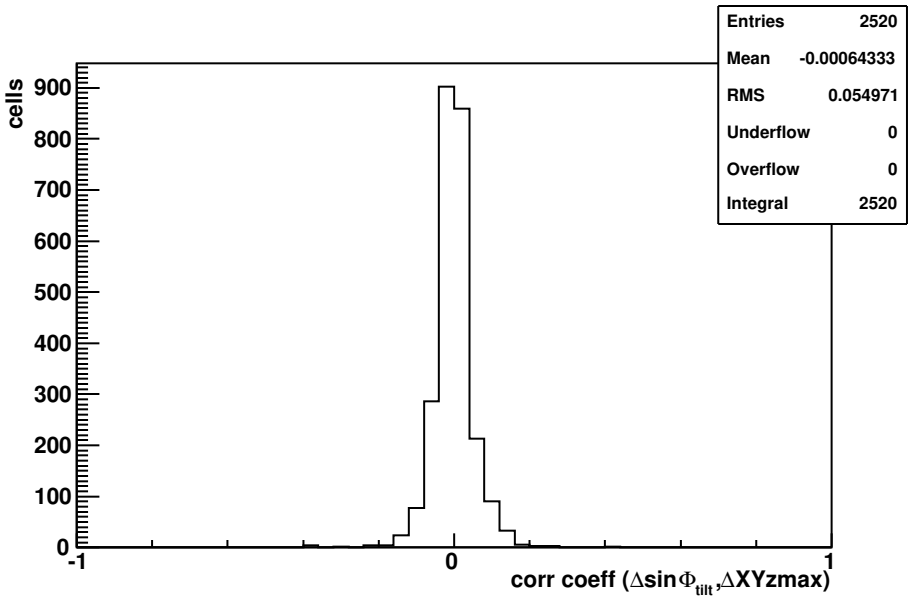

Entries 185554
Mean 0.015207
RMS 2.8463
Underflow 9324.7
Overflow 9556.4
Integral 1.4468e+05
cosmics
7000
6000
5000
4000
3000
2000
1000
0
-10
0
10
Δp_T

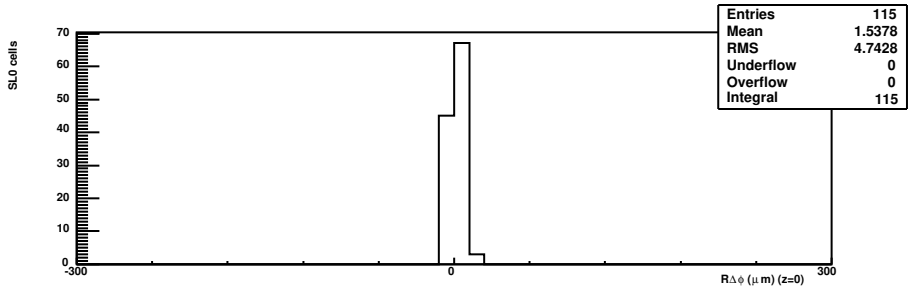

Entries 103752
Mean -0.10594
RMS 2.8443
Underflow 4905.6
Overflow 4397.3
Integral 72455
cosmics
3500
3000
2500
2000
1500
1000
500
0
-10
0
10
Δp_T (μ+)

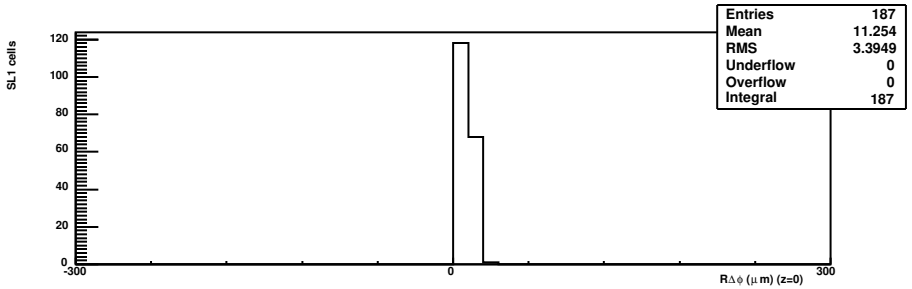

Entries 81802
Mean 0.13674
RMS 2.8431
Underflow 4419
Overflow 5159
Integral 72224
cosmics
3500
3000
2500
2000
1500
1000
500
0
-10
0
10
Δp_T (μ-)

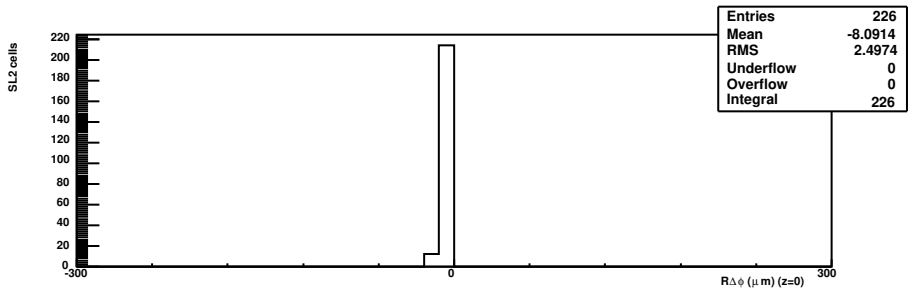

Entries 2520
Mean 0.032254
RMS 0.11941
Underflow 0
Overflow 0
Integral 2520
cells
corr coeff (ΔXYz0,ΔsinΦ_{tilt})

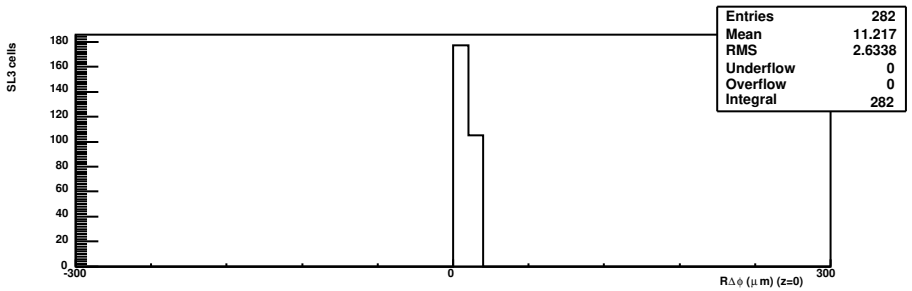

Entries 2520
Mean 0.011607
RMS 0.11718
Underflow 0
Overflow 0
Integral 2520
cells
corr coeff (ΔXYz0,ΔXYzmax)

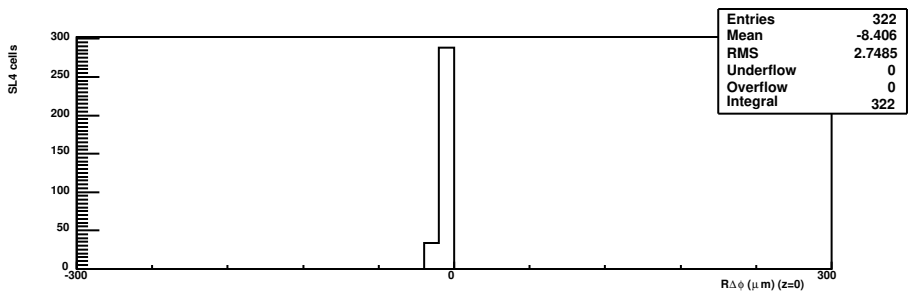

Entries 2520
Mean -0.00064333
RMS 0.054971
Underflow 0
Overflow 0
Integral 2520
cells
corr coeff (ΔsinΦ_{tilt},ΔXYzmax)

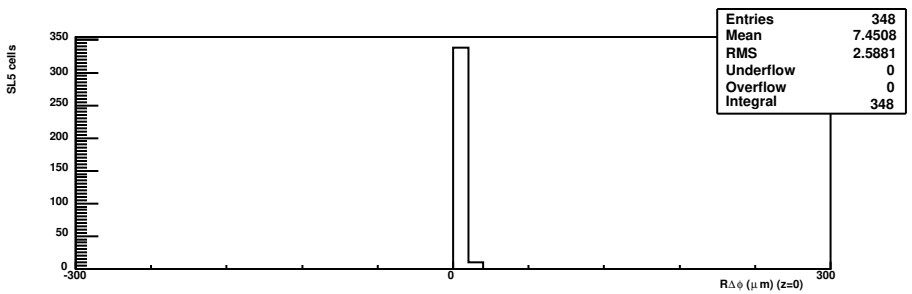

Entries 115
Mean 1.5378
RMS 4.7428
Underflow 0
Overflow 0
Integral 115
SL0 cells
RΔϕ (μm) (z=0)

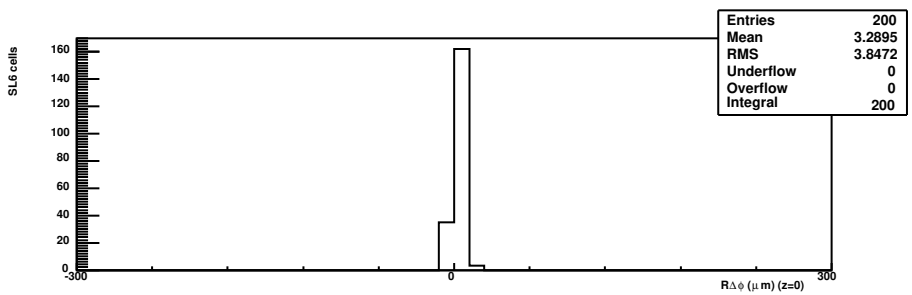

Entries 187
Mean 11.254
RMS 3.3949
Underflow 0
Overflow 0
Integral 187
SL1 cells
RΔϕ (μm) (z=0)

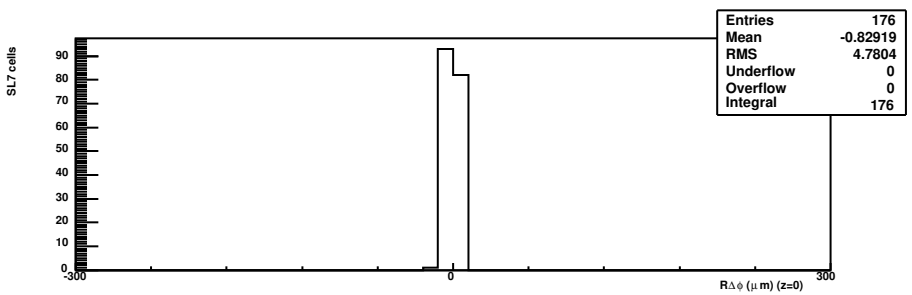

Entries 226
Mean -8.0914
RMS 2.4974
Underflow 0
Overflow 0
Integral 226
SL2 cells
RΔϕ (μm) (z=0)

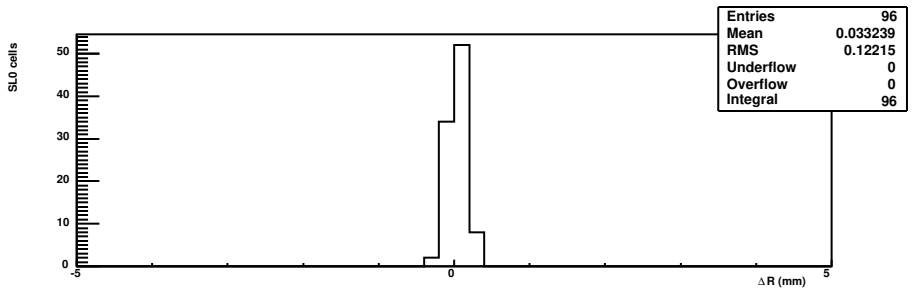

Entries 282
Mean 11.217
RMS 2.6338
Underflow 0
Overflow 0
Integral 282
SL3 cells
RΔϕ (μm) (z=0)

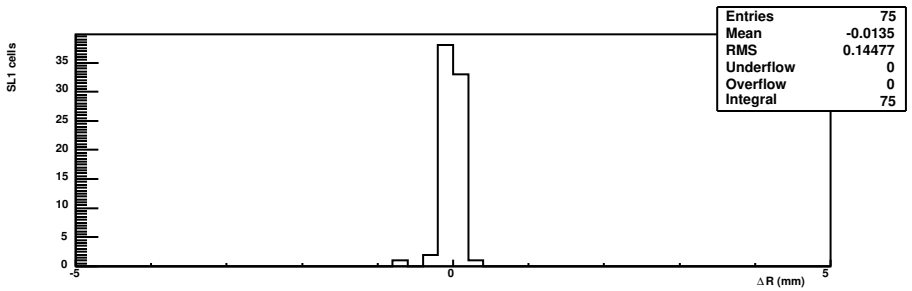

Entries 322
Mean -8.406
RMS 2.7485
Underflow 0
Overflow 0
Integral 322
SL4 cells
RΔϕ (μm) (z=0)

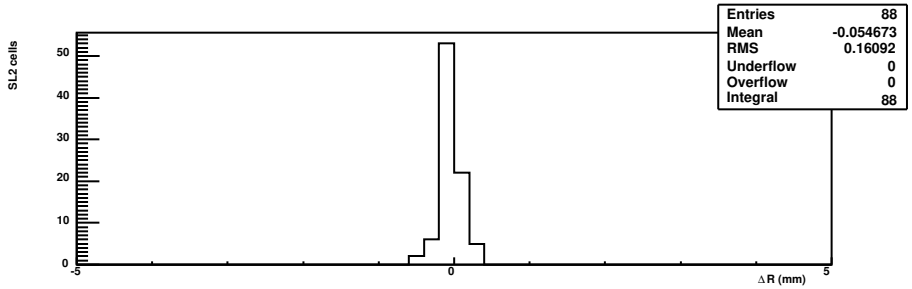

Entries 348
Mean 7.4508
RMS 2.5881
Underflow 0
Overflow 0
Integral 348
SL5 cells
RΔϕ (μm) (z=0)

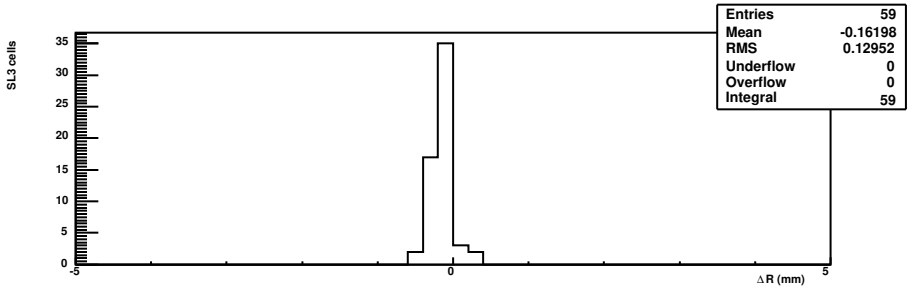

Entries 200
Mean 3.2895
RMS 3.8472
Underflow 0
Overflow 0
Integral 200
SL6 cells
RΔϕ (μm) (z=0)

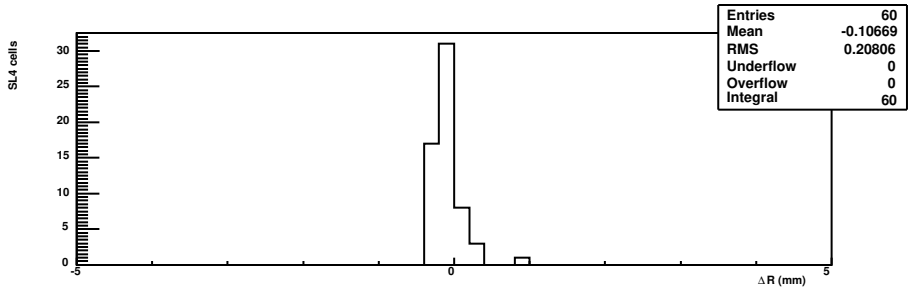

Entries 176
Mean -0.82919
RMS 4.7804
Underflow 0
Overflow 0
Integral 176
SL7 cells
RΔϕ (μm) (z=0)

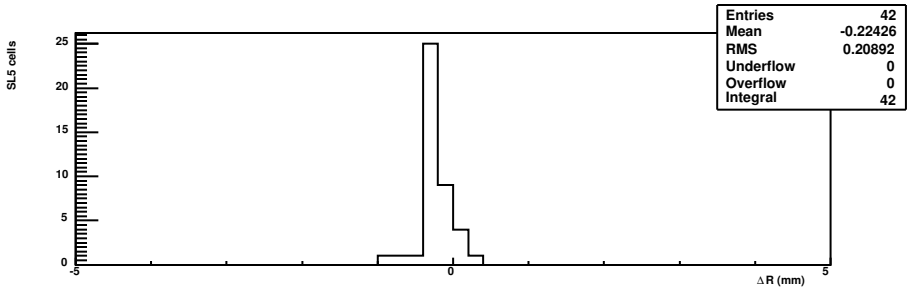

SL0 cells
Entries 96
Mean 0.033239
RMS 0.12215
Underflow 0
Overflow 0
Integral 96
ΔR (mm)

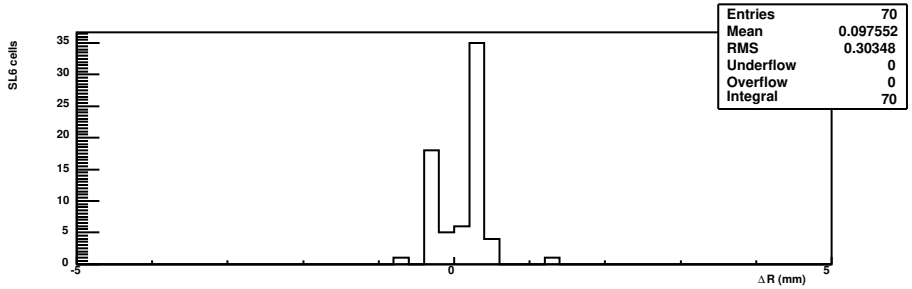

SL1 cells
Entries 75
Mean -0.0135
RMS 0.14477
Underflow 0
Overflow 0
Integral 75
ΔR (mm)

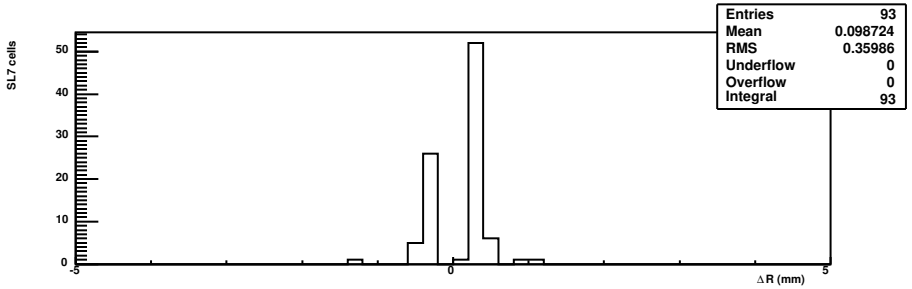

SL2 cells
Entries 88
Mean -0.054673
RMS 0.16092
Underflow 0
Overflow 0
Integral 88
ΔR (mm)

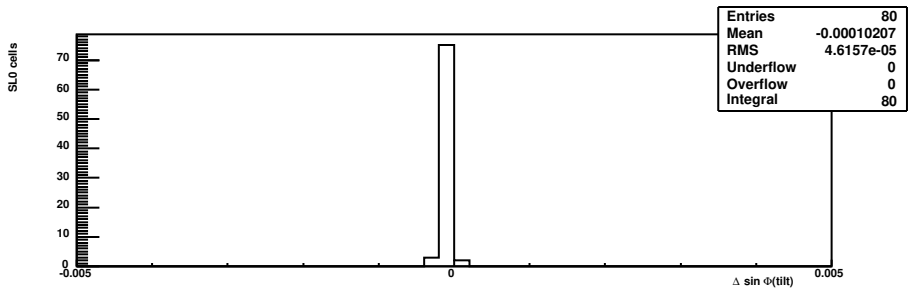

SL3 cells
Entries 59
Mean -0.16198
RMS 0.12952
Underflow 0
Overflow 0
Integral 59
ΔR (mm)

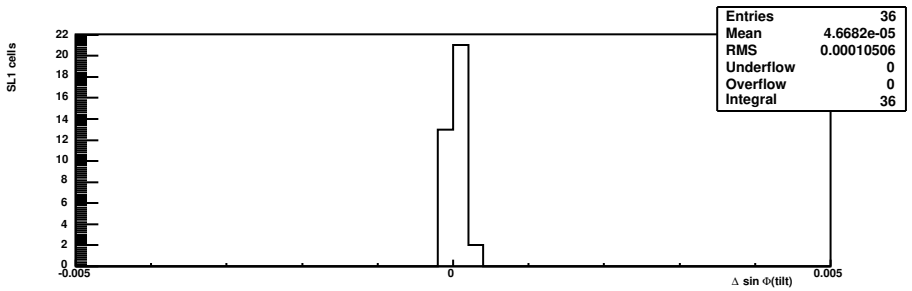

SL4 cells
Entries 60
Mean -0.10669
RMS 0.20806
Underflow 0
Overflow 0
Integral 60
ΔR (mm)

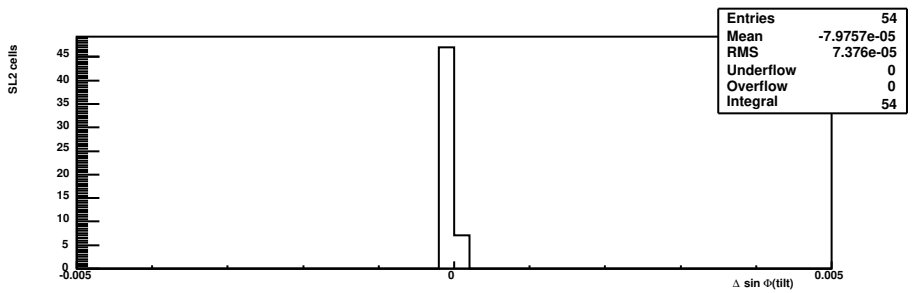

SL5 cells
Entries 42
Mean -0.22426
RMS 0.20892
Underflow 0
Overflow 0
Integral 42
ΔR (mm)

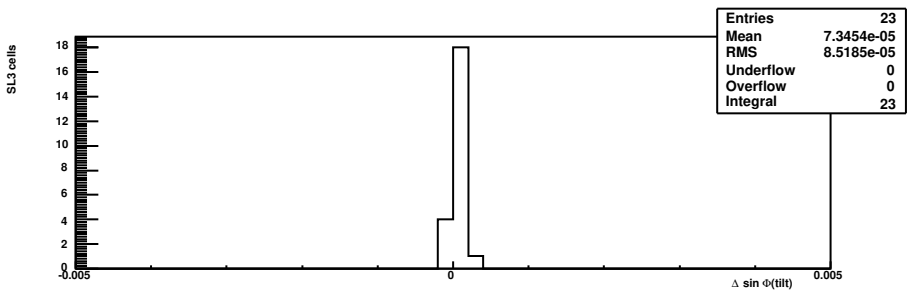

SL6 cells
Entries 70
Mean 0.097552
RMS 0.30348
Underflow 0
Overflow 0
Integral 70
ΔR (mm)

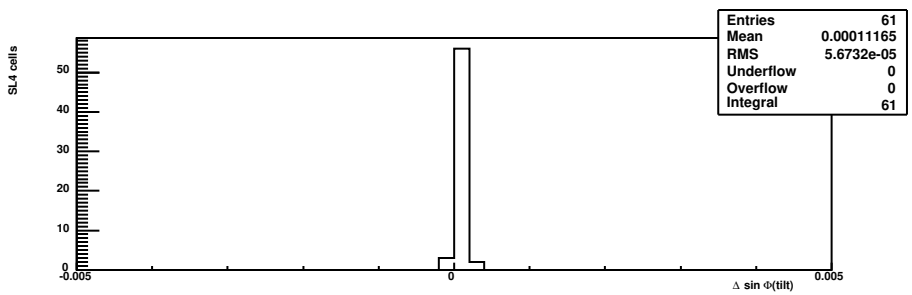

SL7 cells
Entries 93
Mean 0.098724
RMS 0.35986
Underflow 0
Overflow 0
Integral 93
ΔR (mm)

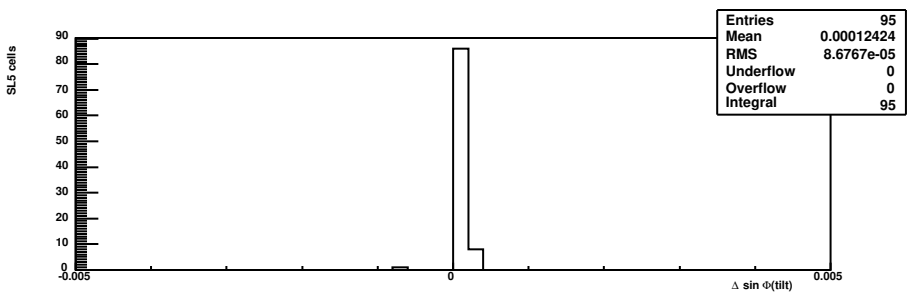

Entries 80
Mean -0.00010207
RMS 4.6157e-05
Underflow 0
Overflow 0
Integral 80
SL0 cells
Δ sin Φ(tilt)

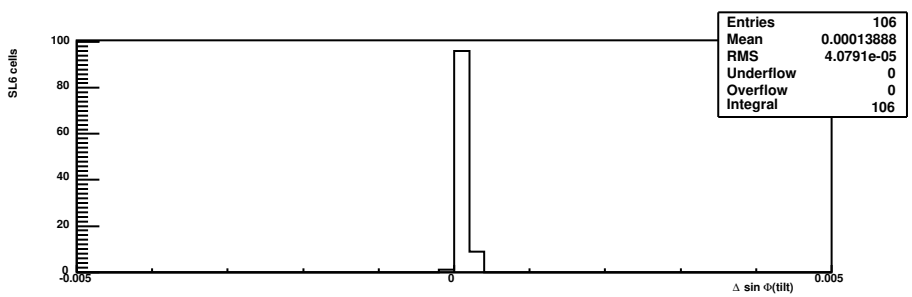

Entries 36
Mean 4.6682e-05
RMS 0.00010506
Underflow 0
Overflow 0
Integral 36
SL1 cells
Δ sin Φ(tilt)

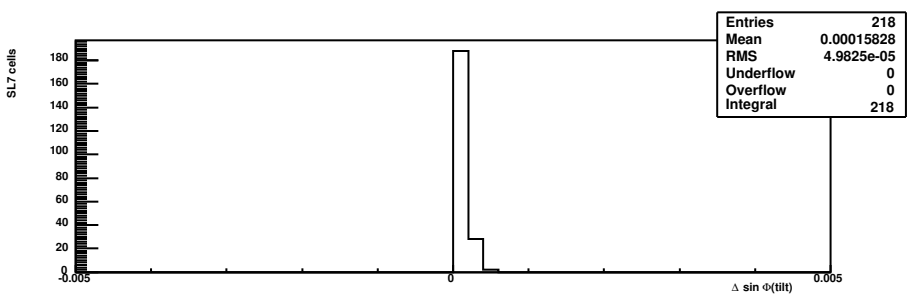

Entries 54
Mean -7.9757e-05
RMS 7.376e-05
Underflow 0
Overflow 0
Integral 54
SL2 cells
Δ sin Φ(tilt)

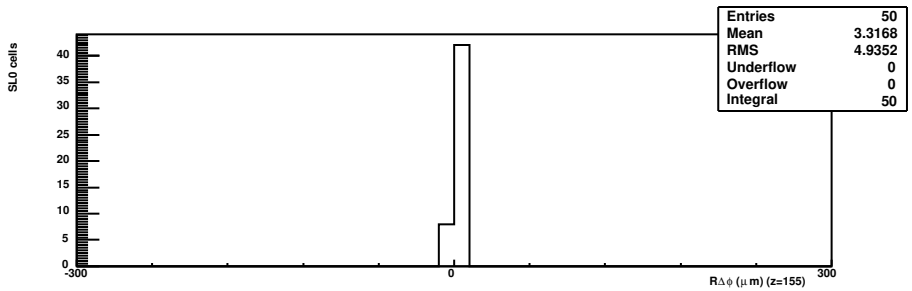

Entries 23
Mean 7.3454e-05
RMS 8.5185e-05
Underflow 0
Overflow 0
Integral 23
SL3 cells
Δ sin Φ(tilt)

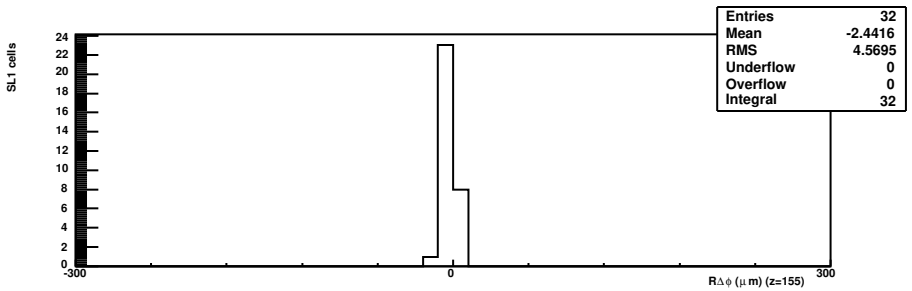

Entries 61
Mean 0.00011165
RMS 5.6732e-05
Underflow 0
Overflow 0
Integral 61
SL4 cells
Δ sin Φ(tilt)

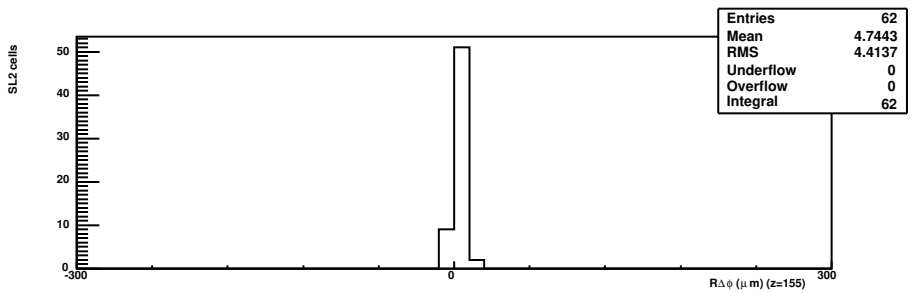

Entries 95
Mean 0.00012424
RMS 8.6767e-05
Underflow 0
Overflow 0
Integral 95
SL5 cells
Δ sin Φ(tilt)

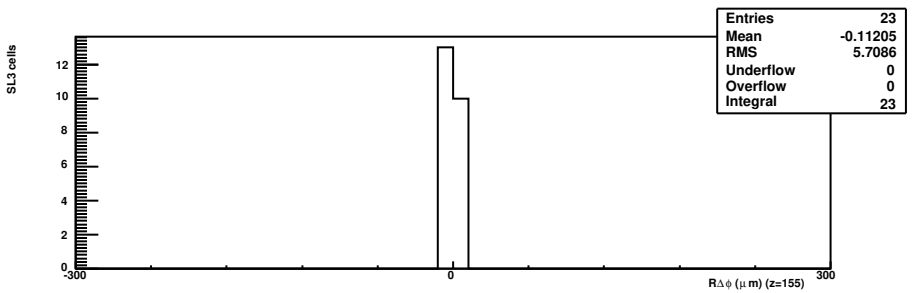

Entries 106
Mean 0.00013888
RMS 4.0791e-05
Underflow 0
Overflow 0
Integral 106
SL6 cells
Δ sin Φ(tilt)

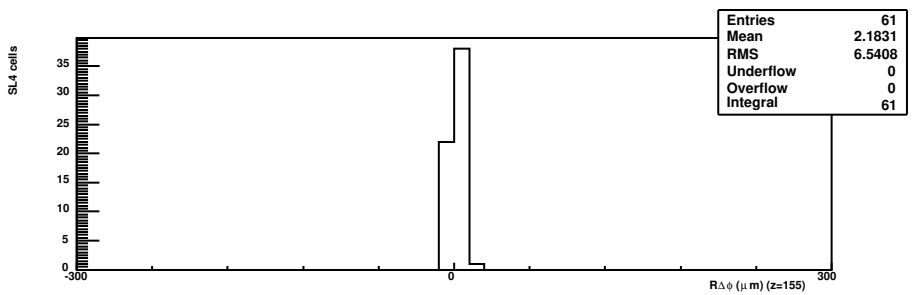

Entries 218
Mean 0.00015828
RMS 4.9825e-05
Underflow 0
Overflow 0
Integral 218
SL7 cells
Δ sin Φ(tilt)

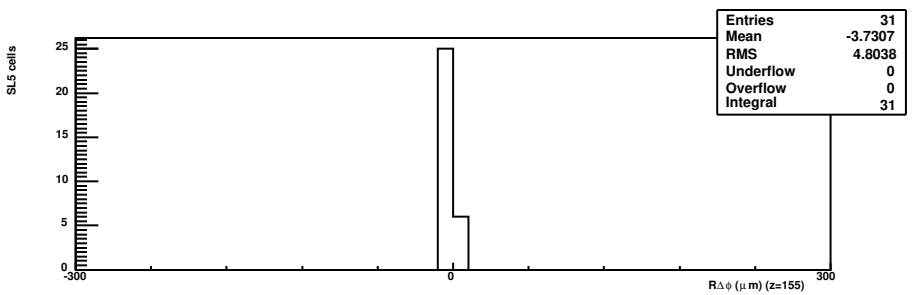

SL0 cells
Entries 50
Mean 3.3168
RMS 4.9352
Underflow 0
Overflow 0
Integral 50
RΔφ (μm) (z=155)

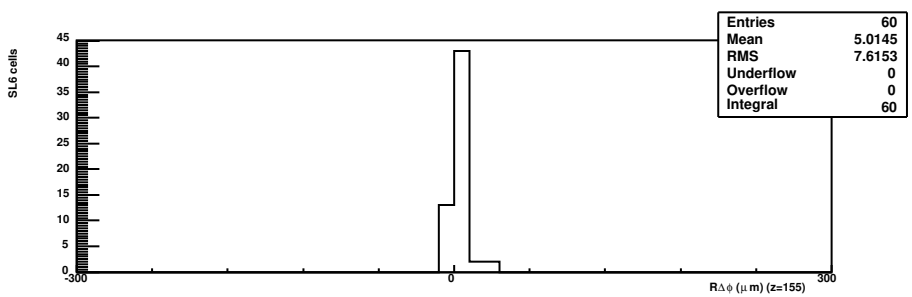

SL1 cells
Entries 32
Mean -2.4416
RMS 4.5695
Underflow 0
Overflow 0
Integral 32
RΔφ (μm) (z=155)

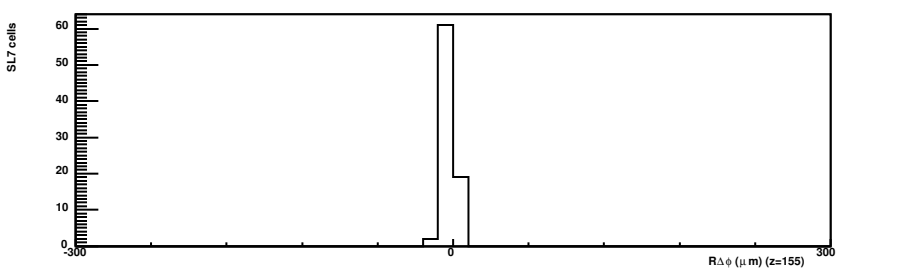

SL2 cells
Entries 62
Mean 4.7443
RMS 4.4137
Underflow 0
Overflow 0
Integral 62
RΔφ (μm) (z=155)

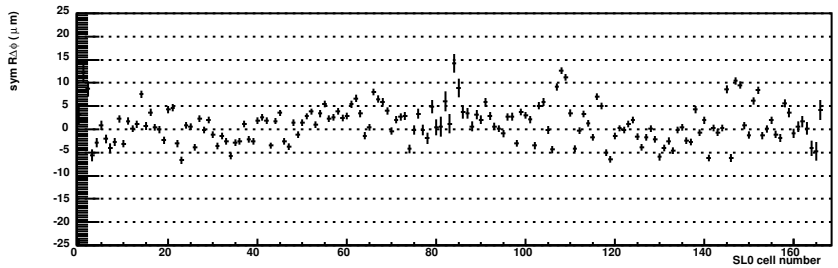

SL3 cells
Entries 23
Mean -0.11205
RMS 5.7086
Underflow 0
Overflow 0
Integral 23
RΔφ (μm) (z=155)

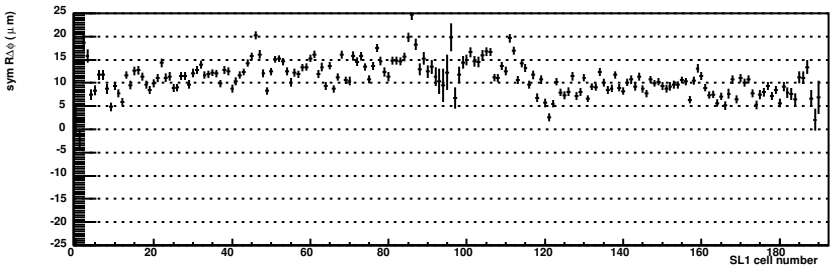

SL4 cells
Entries 61
Mean 2.1831
RMS 6.5408
Underflow 0
Overflow 0
Integral 61
RΔφ (μm) (z=155)

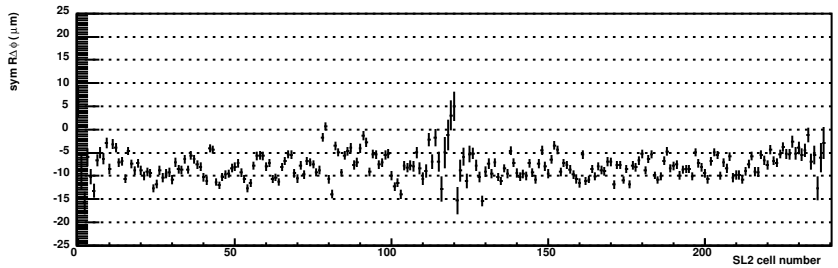

SL5 cells
Entries 31
Mean -3.7307
RMS 4.8038
Underflow 0
Overflow 0
Integral 31
RΔφ (μm) (z=155)

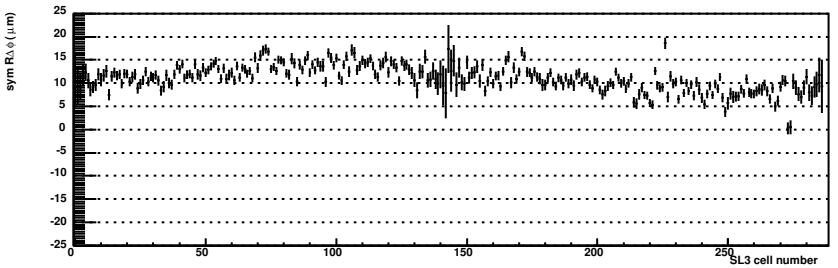

SL6 cells
Entries 60
Mean 5.0145
RMS 7.6153
Underflow 0
Overflow 0
Integral 60
RΔφ (μm) (z=155)

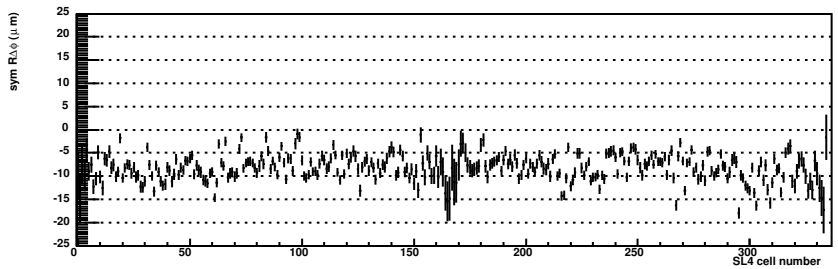

SL7 cells
RΔφ (μm) (z=155)

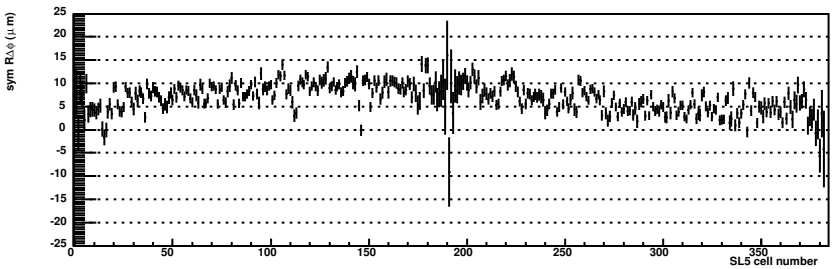

sym RΔφ (μm)
SL0 cell number

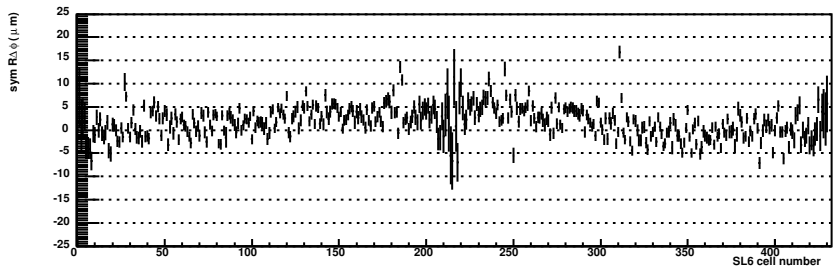

sym RΔφ (μm)
SL1 cell number

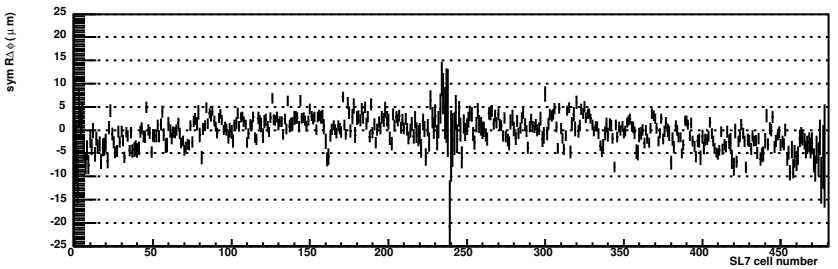

sym RΔφ (μm)
SL2 cell number

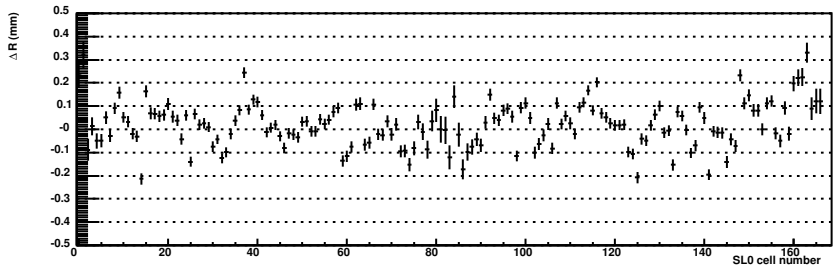

sym RΔφ (μm)
SL3 cell number

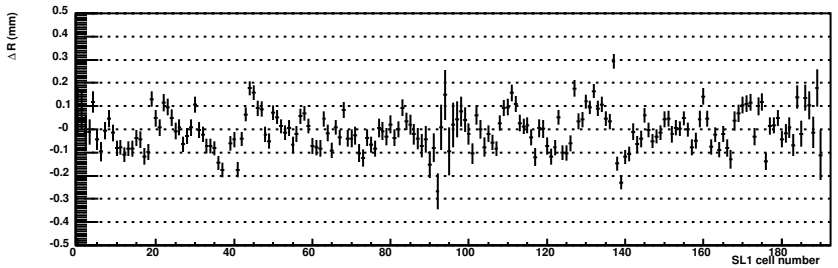

sym RΔφ (μm)
SL4 cell number

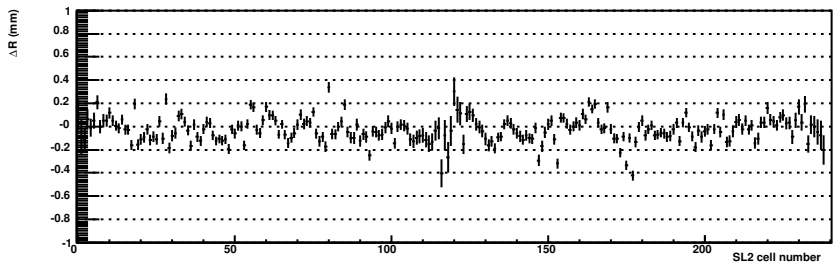

sym RΔφ (μm)
SL5 cell number

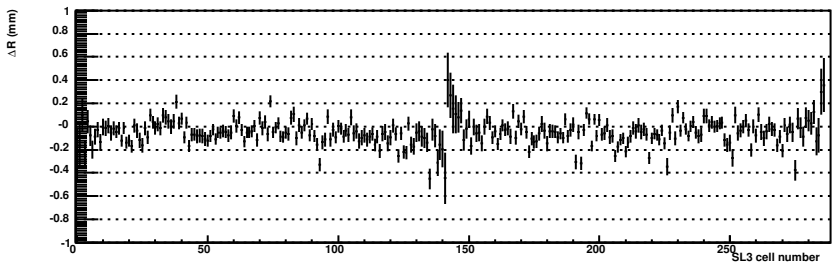

sym RΔφ (μm)
SL6 cell number

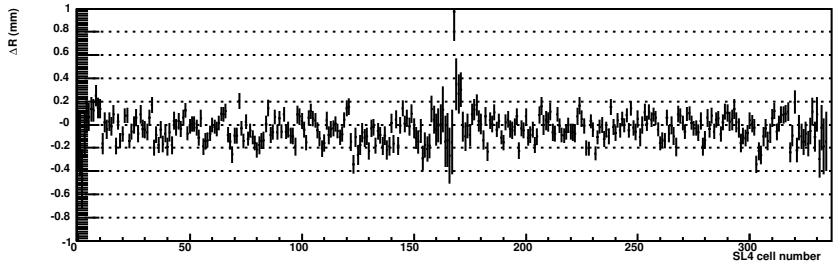

sym RΔφ (μm)
SL7 cell number

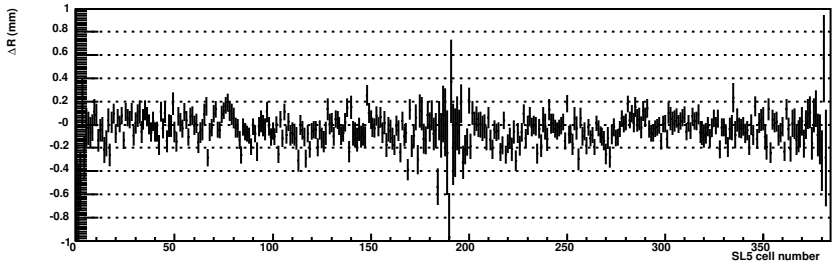

ΔR (mm)
SL0 cell number

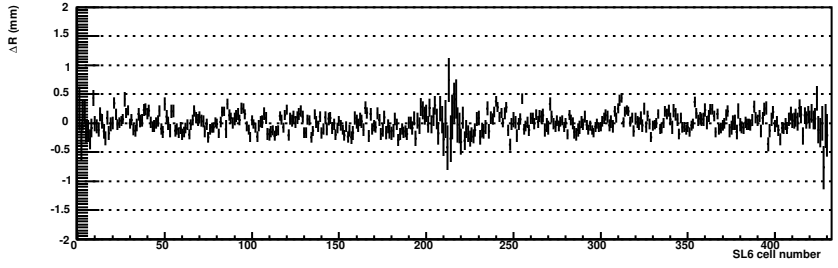

ΔR (mm)
SL1 cell number

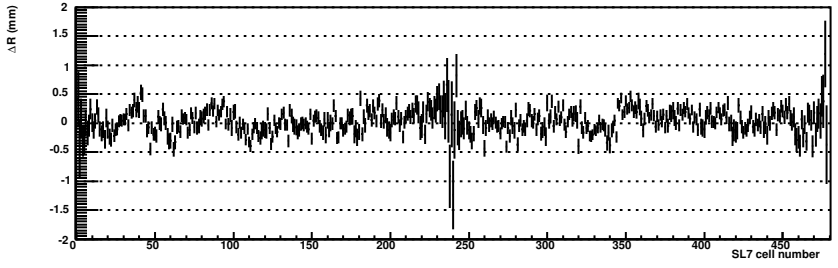

ΔR (mm)
SL2 cell number

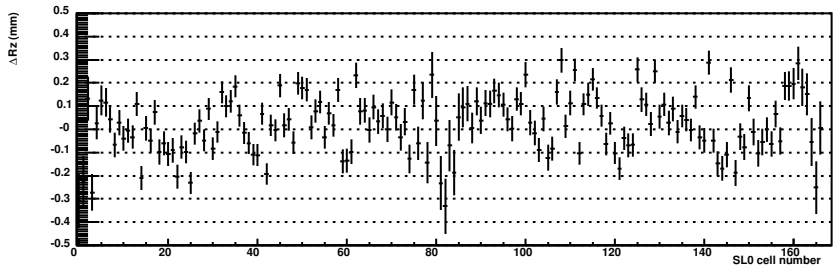

ΔR (mm)
SL3 cell number

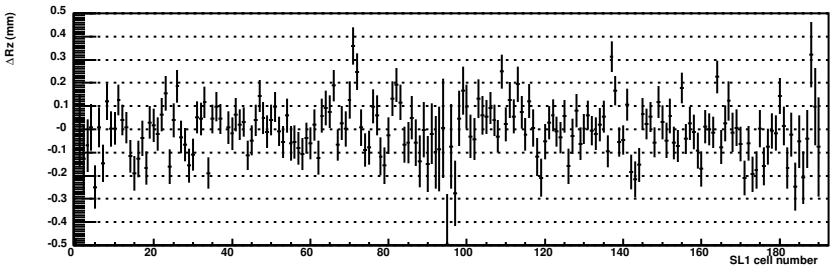

ΔR (mm)
SL4 cell number

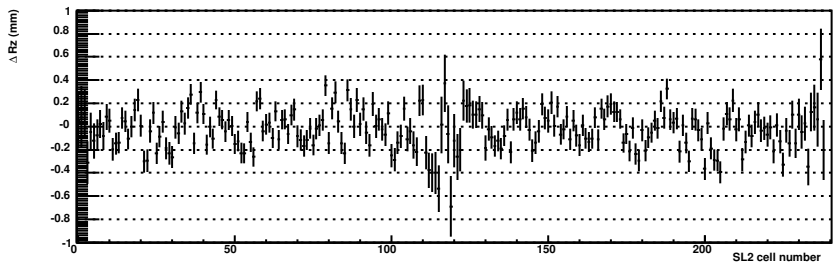

ΔR (mm)
SL5 cell number

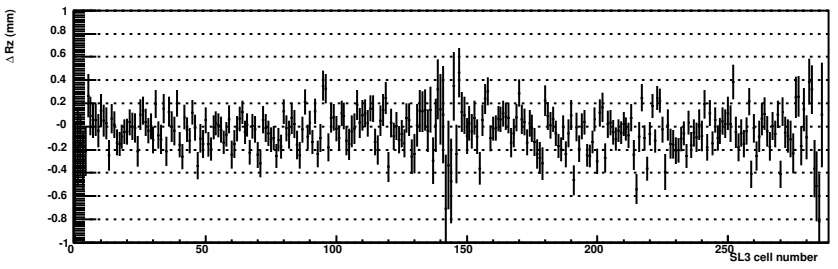

ΔR (mm)
SL6 cell number

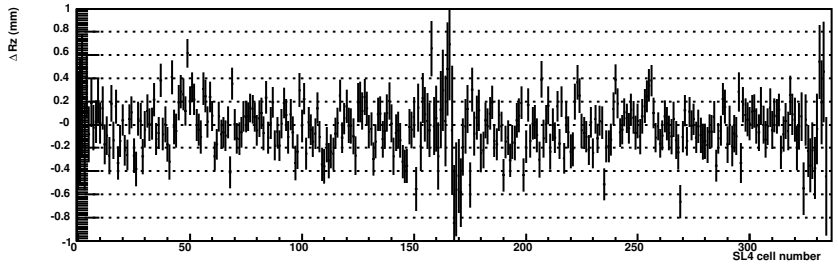

ΔR (mm)
SL7 cell number

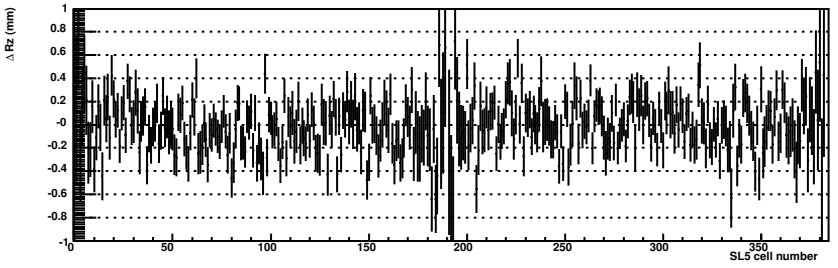

ΔRz (mm)
SL0 cell number

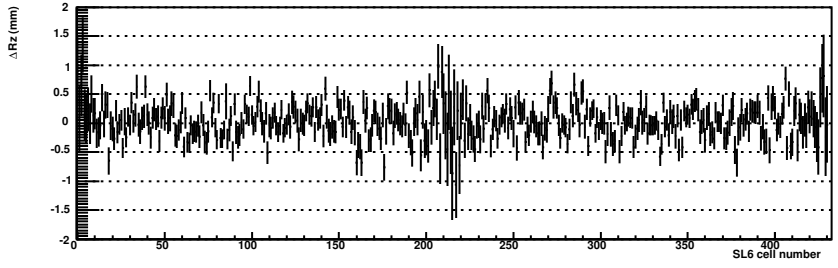

ΔRz (mm)
SL1 cell number

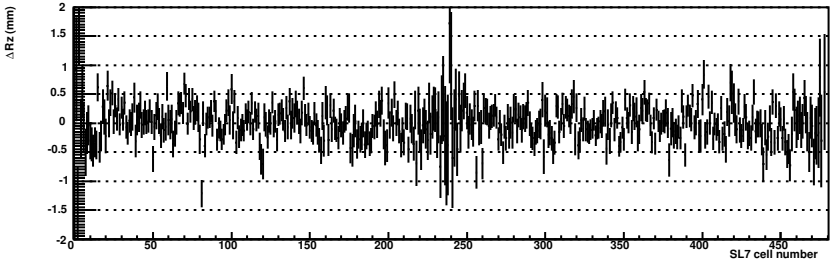

ΔRz (mm)
SL2 cell number

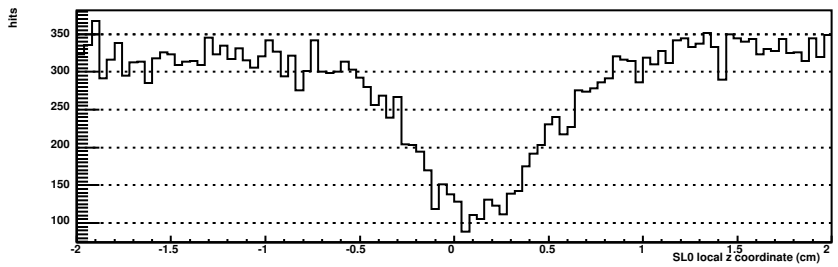

ΔRz (mm)
SL3 cell number

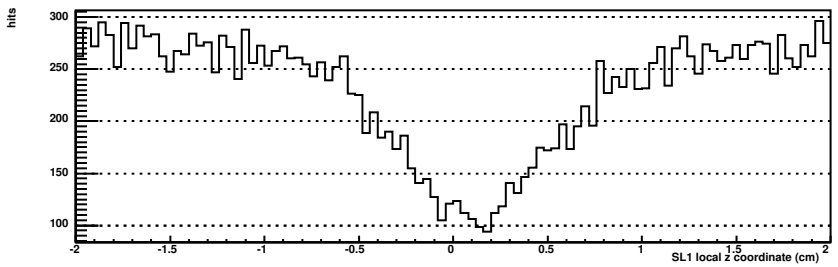

ΔRz (mm)
SL4 cell number

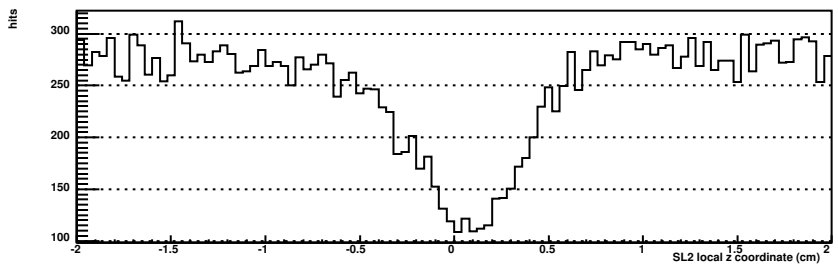

ΔRz (mm)
SL5 cell number

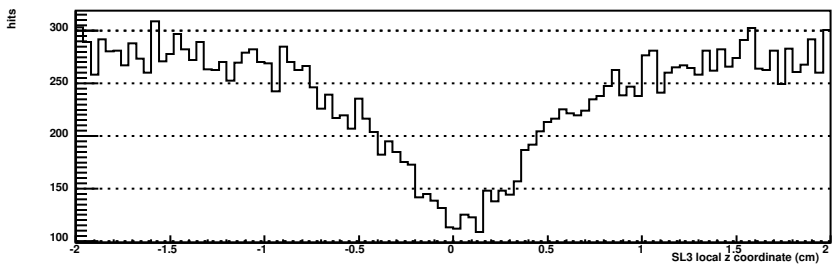

ΔRz (mm)
SL6 cell number

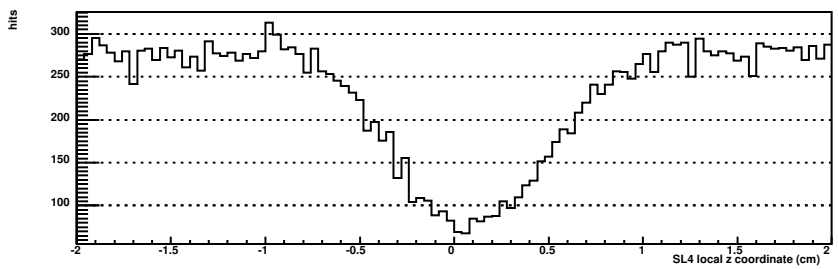

ΔRz (mm)
SL7 cell number

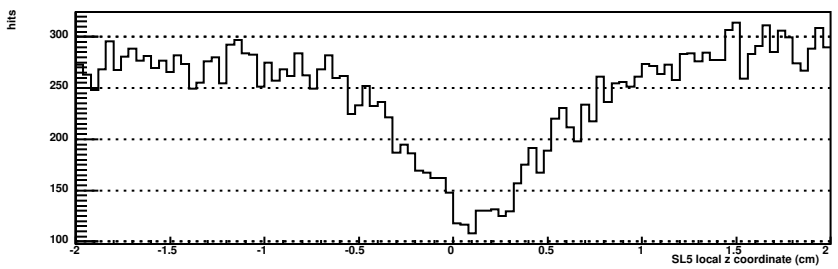

hits
SL0 local z coordinate (cm)

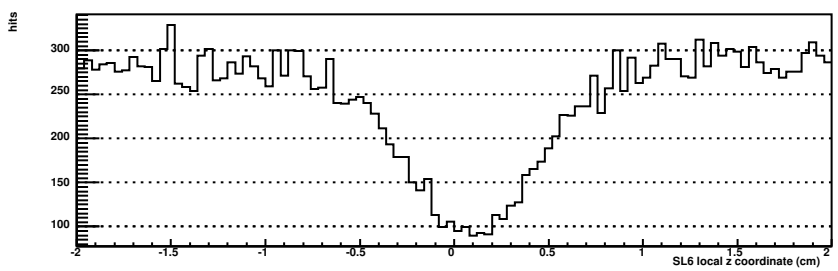

hits
SL1 local z coordinate (cm)

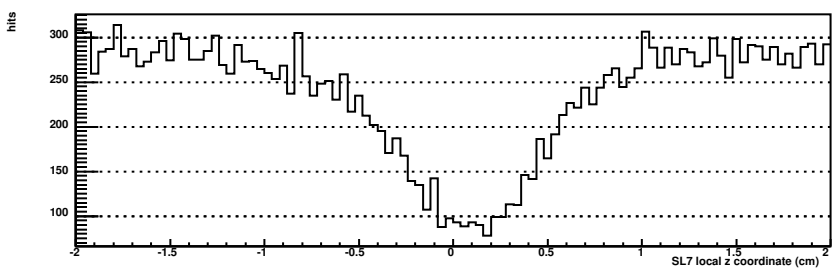

hits
SL2 local z coordinate (cm)

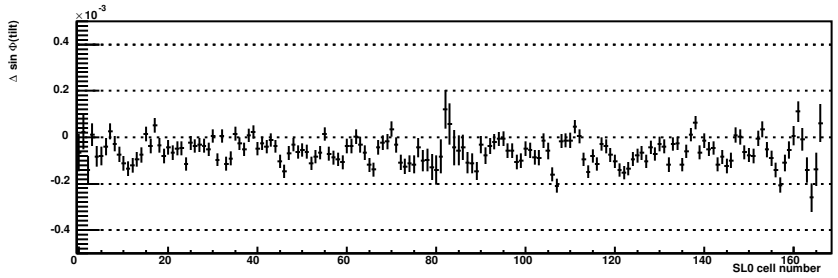

hits
SL3 local z coordinate (cm)

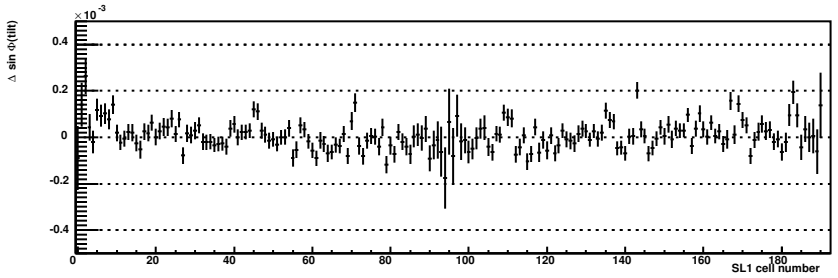

hits
SL4 local z coordinate (cm)

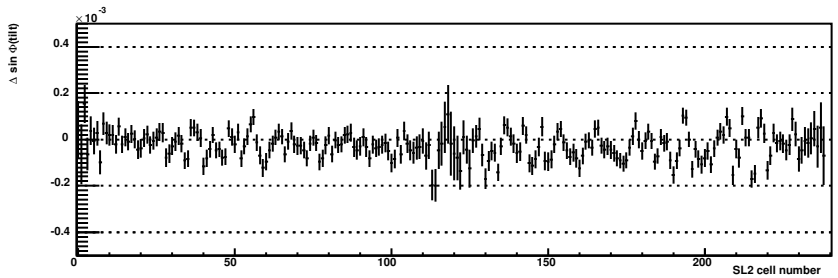

hits
SL5 local z coordinate (cm)

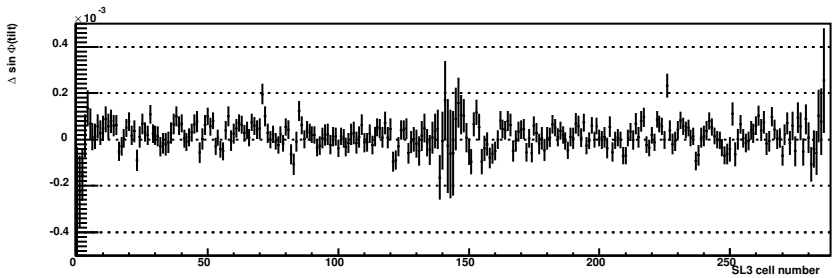

hits
SL6 local z coordinate (cm)

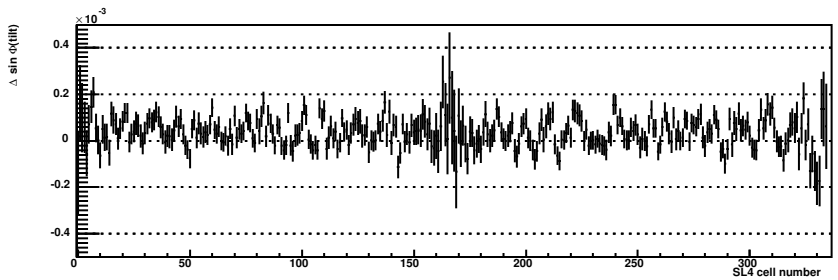

hits
SL7 local z coordinate (cm)

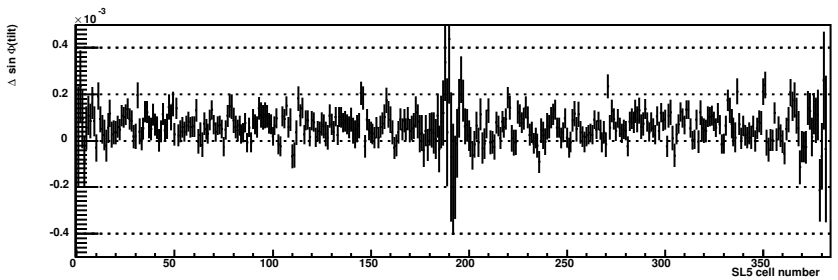

×10^-3
Δ sin Φ(tilt)
SL0 cell number

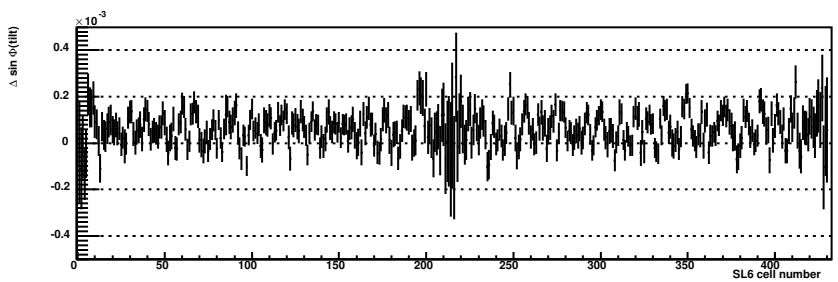

×10^-3
Δ sin Φ(tilt)
SL1 cell number

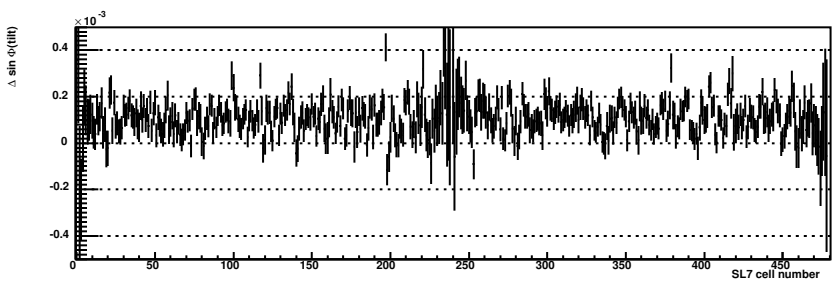

×10^-3
Δ sin Φ(tilt)
SL2 cell number

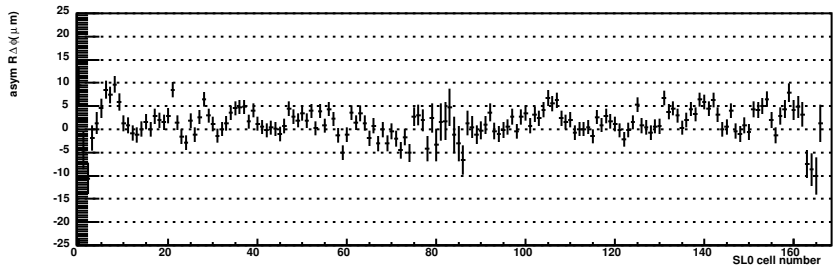

×10^-3
Δ sin Φ(tilt)
SL3 cell number

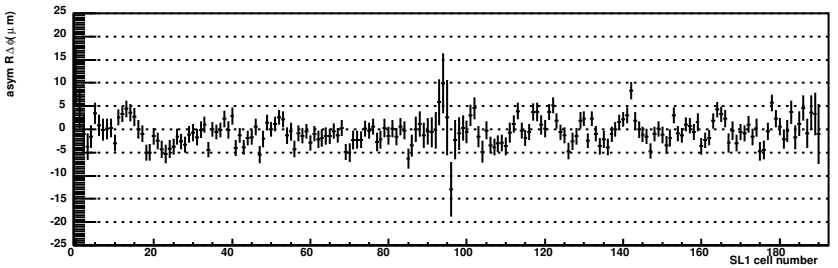

×10^-3
Δ sin Φ(tilt)
SL4 cell number

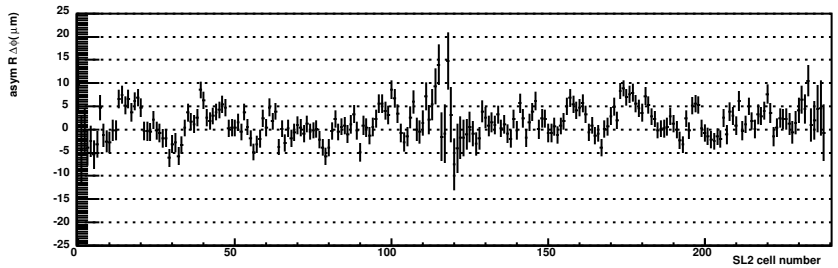

×10^-3
Δ sin Φ(tilt)
SL5 cell number

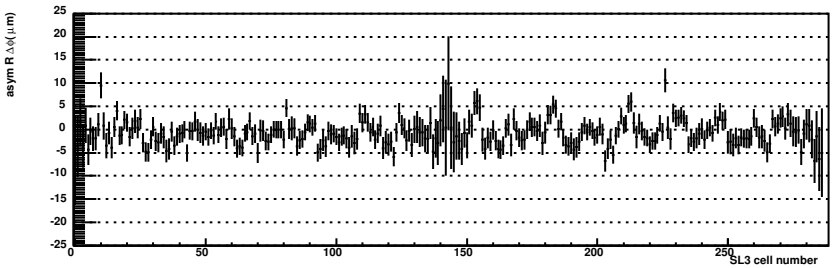

×10^-3
Δ sin Φ(tilt)
SL6 cell number

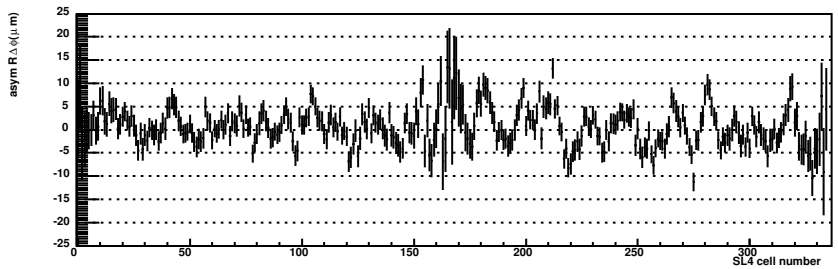

×10^-3
Δ sin Φ(tilt)
SL7 cell number

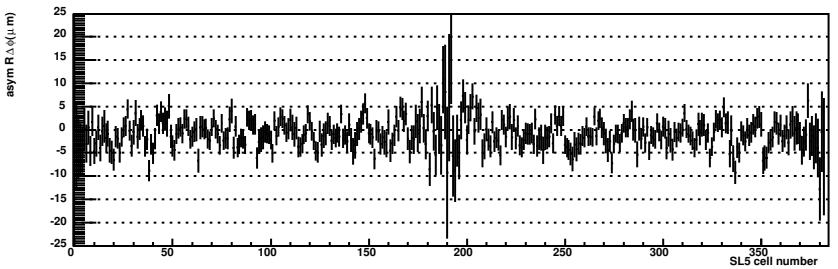

asym R Δφ(μm)
SL0 cell number

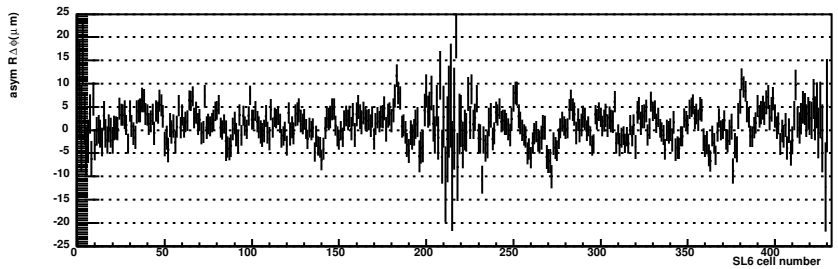

asym R Δφ(μm)
SL1 cell number

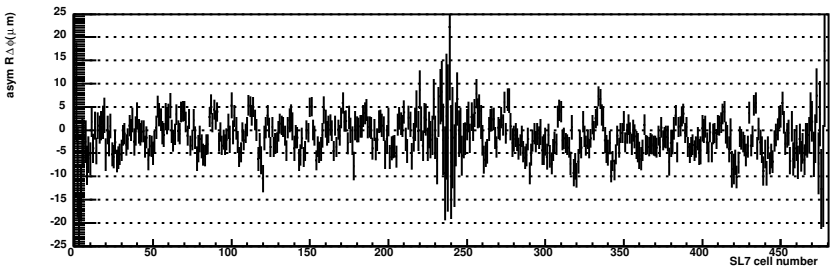

asym R Δφ(μm)
SL2 cell number

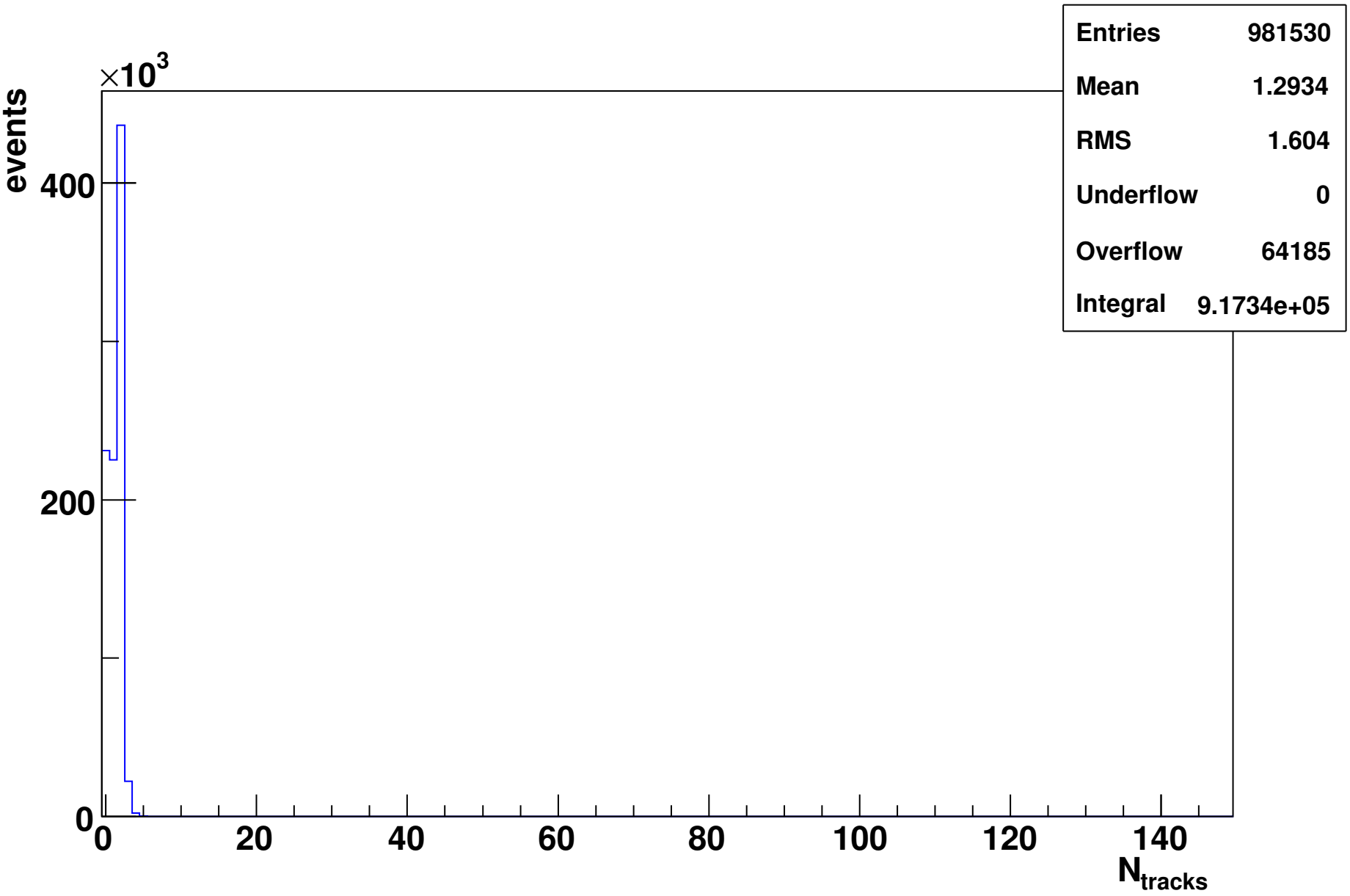

asym R Δφ(μm)
SL3 cell number

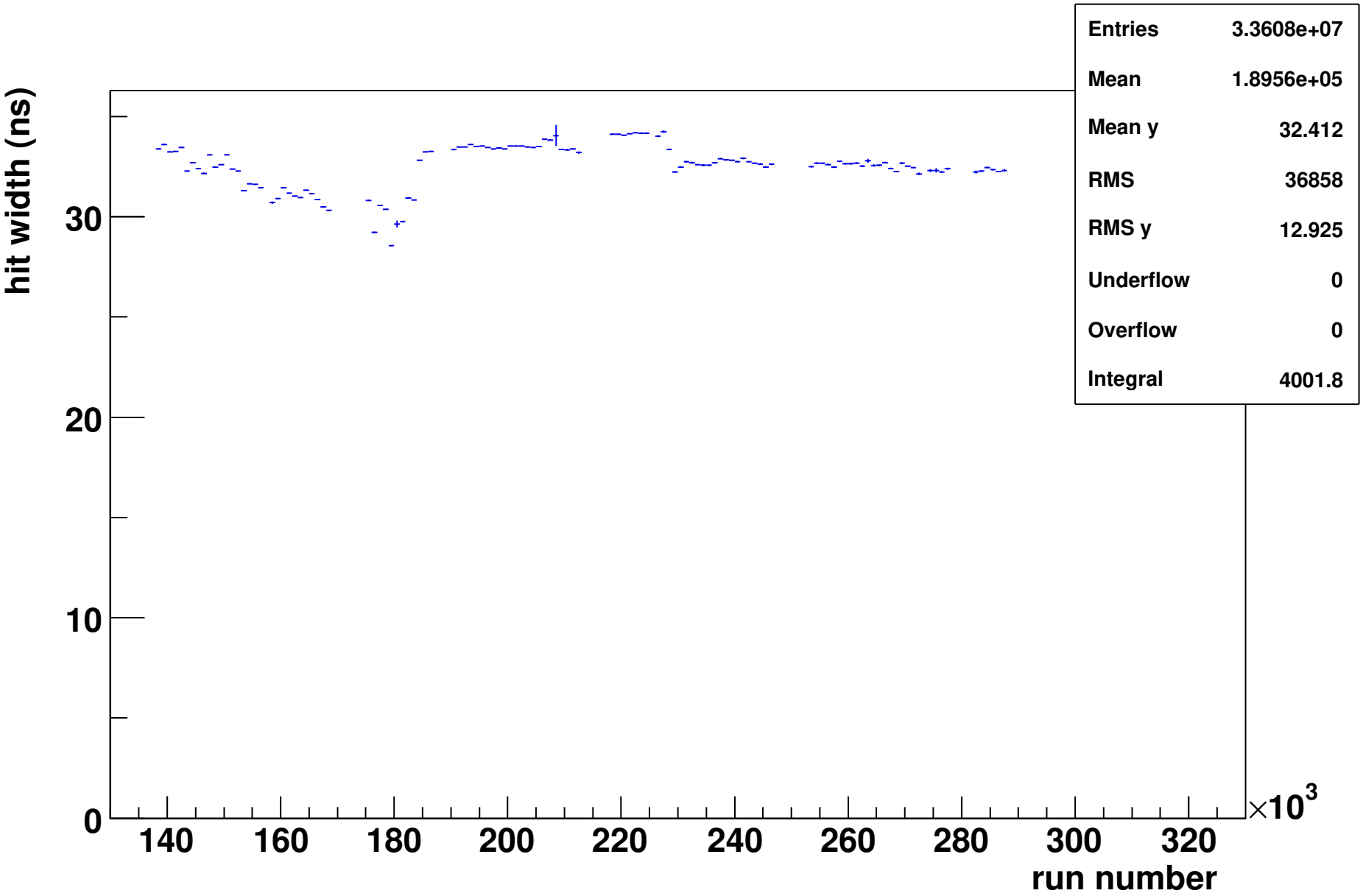

asym R Δφ(μm)
SL4 cell number

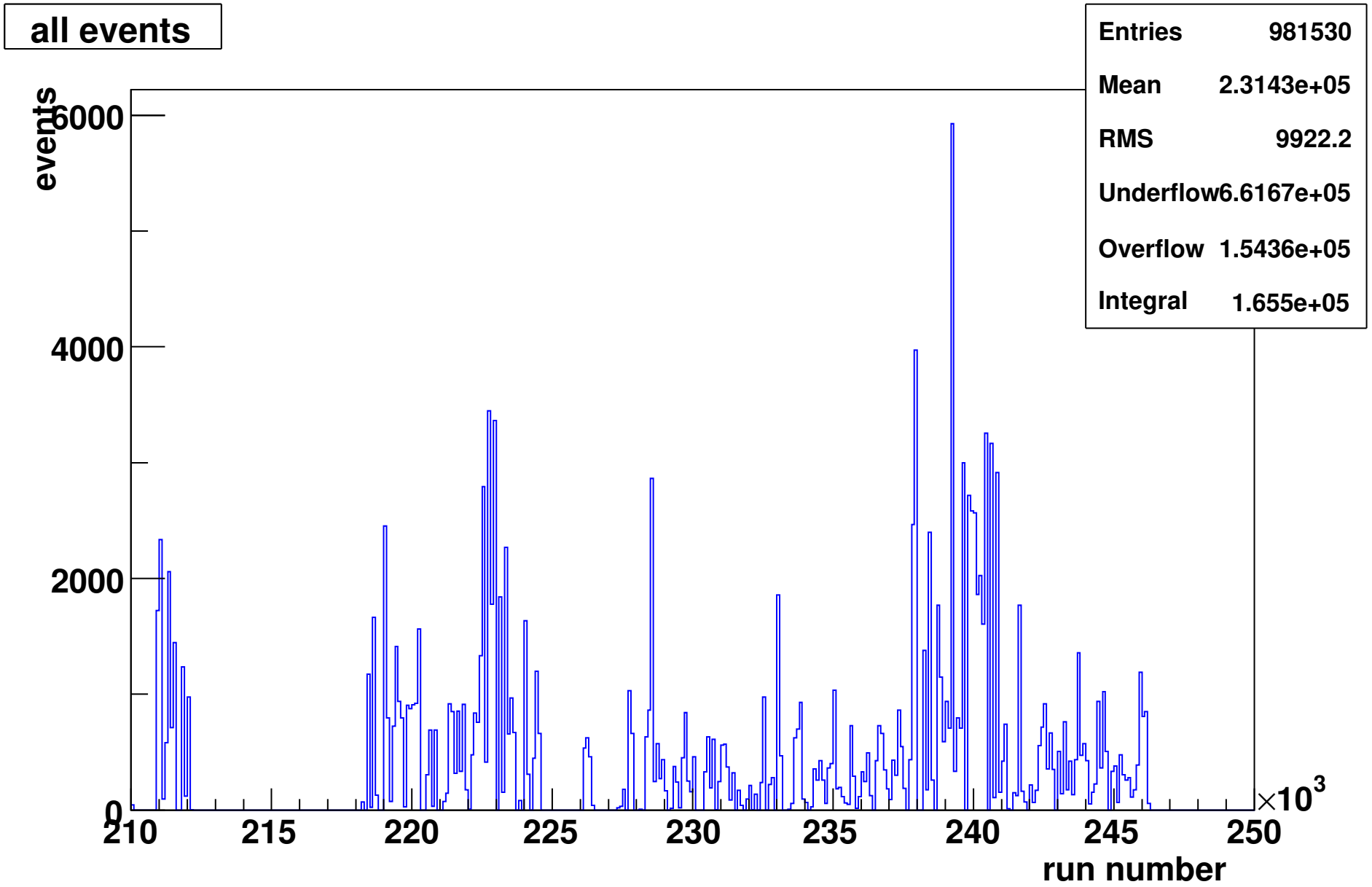

asym R Δφ(μm)
SL5 cell number

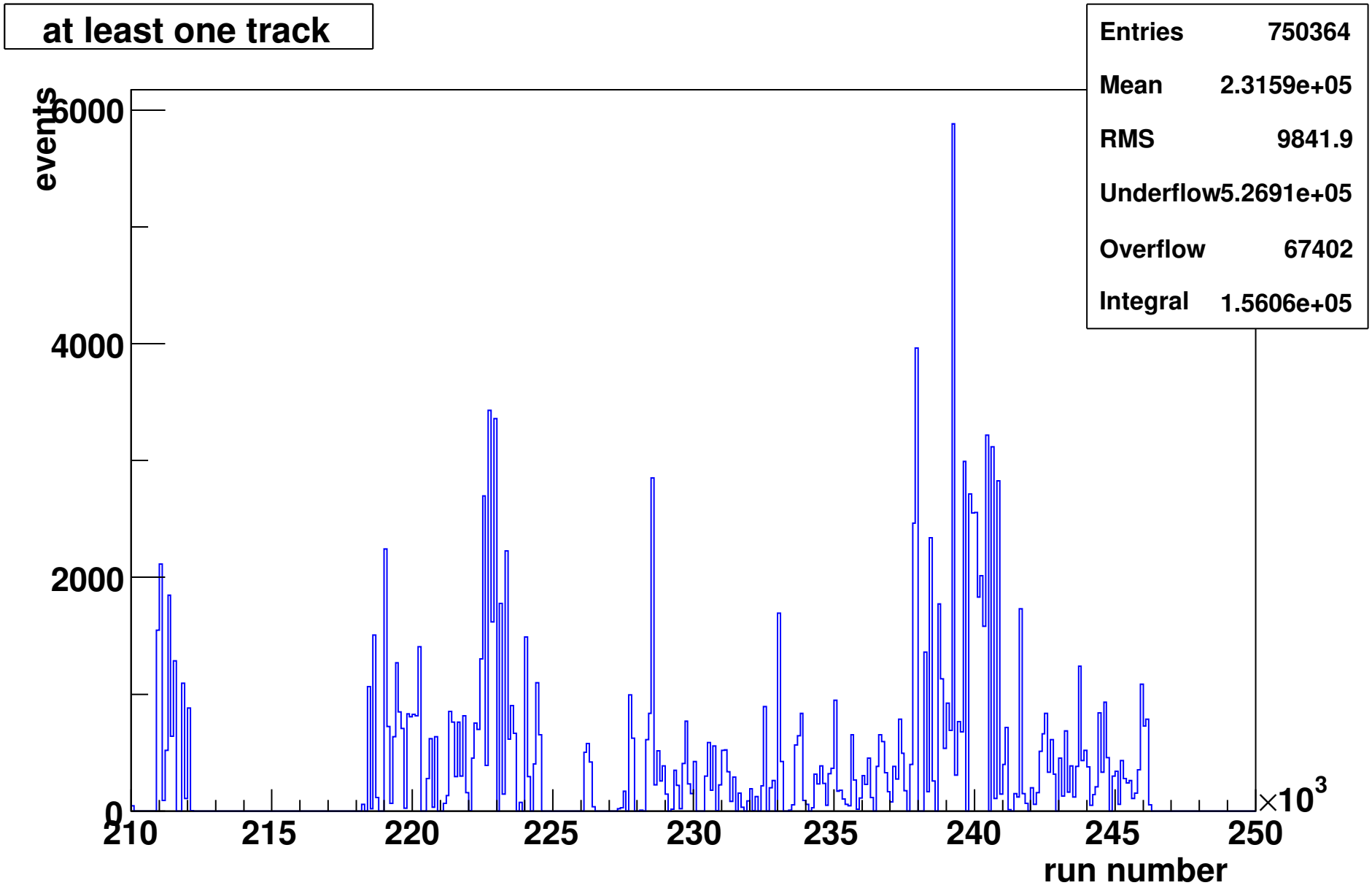

asym R Δφ(μm)
SL6 cell number

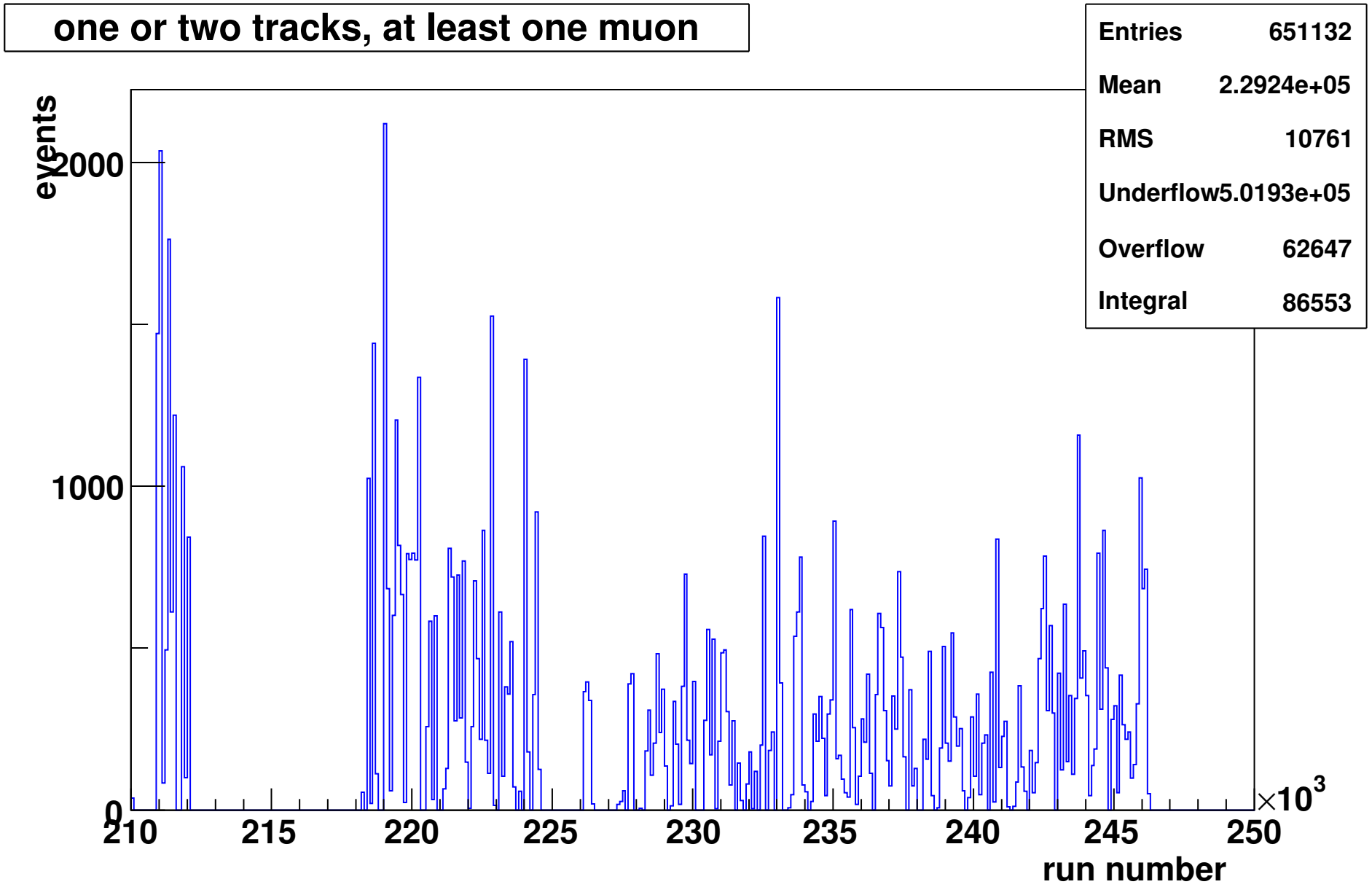

asym R Δφ(μm)
SL7 cell number

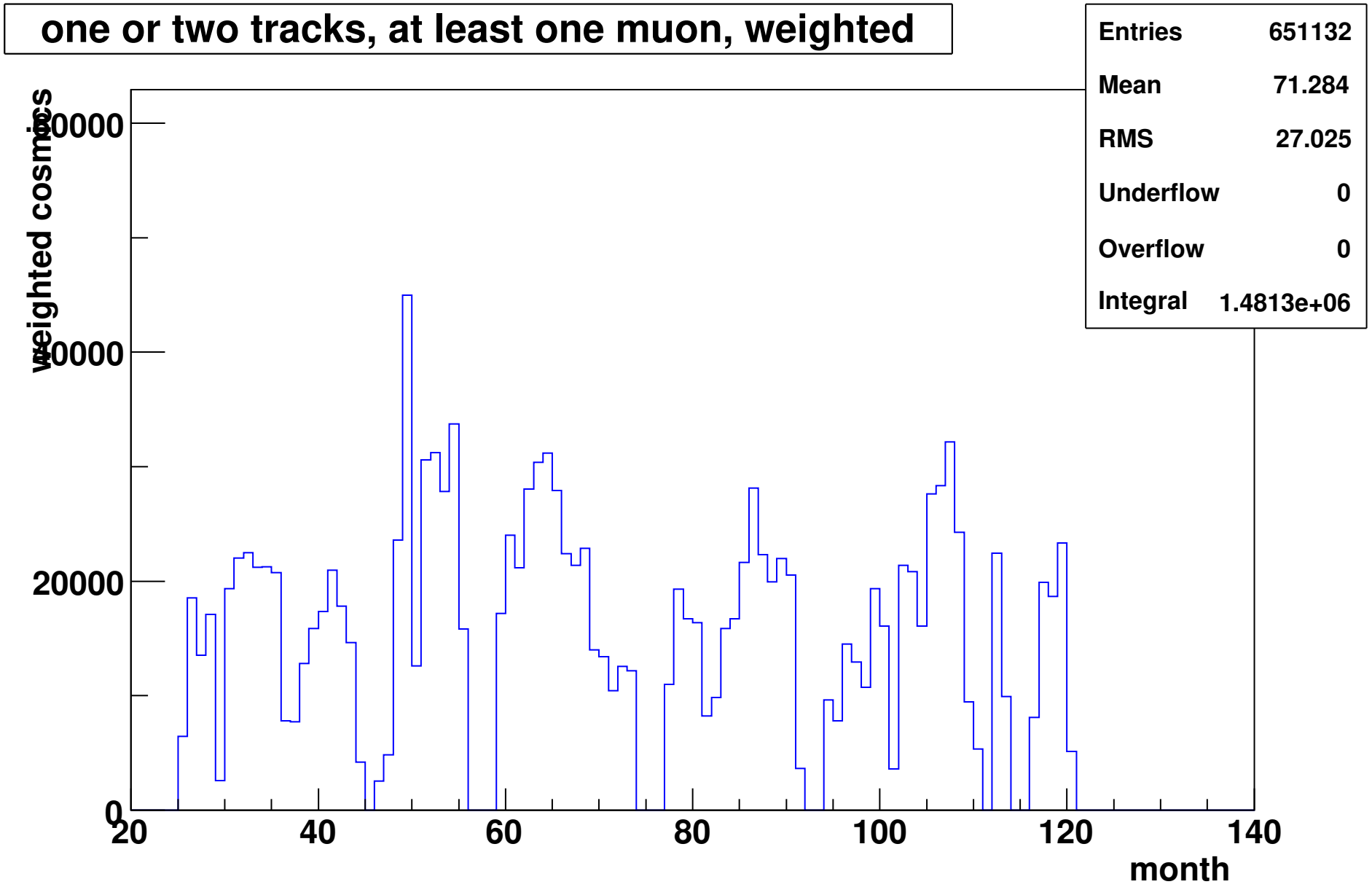

Entries 981530
Mean 1.2934
RMS 1.604
Underflow 0
Overflow 64185
Integral 9.1734e+05
events
×10^3
400
200
0
0
20
40
60
80
100
120
140
N_tracks

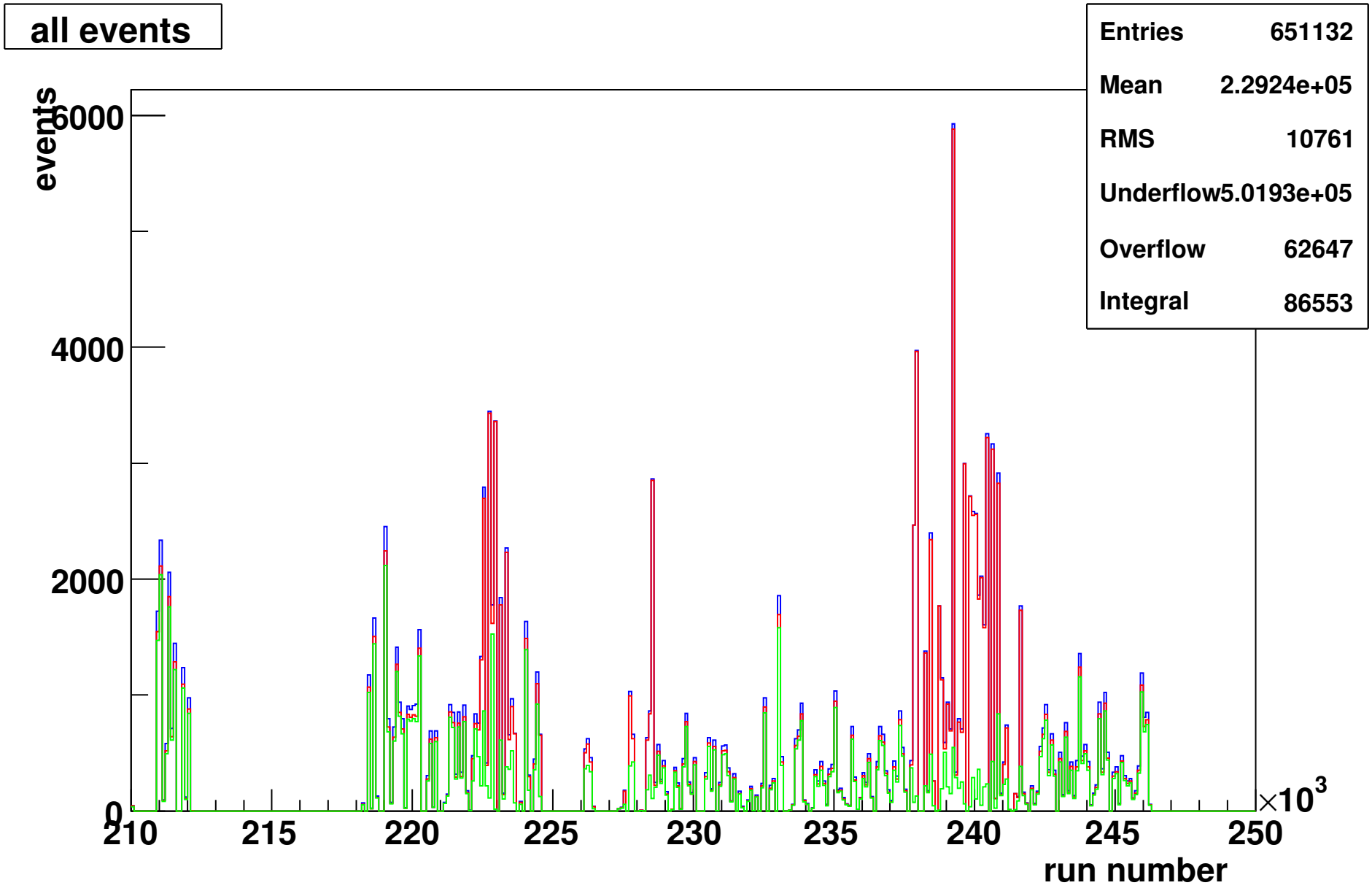

hit width (ns)
0
10
20
30
140
160
180
200
220
240
260
280
300
320
×10^3
run number
Entries 3.3608e+07
Mean 1.8956e+05
Mean y 32.412
RMS 36858
RMS y 12.925
Underflow 0
Overflow 0
Integral 4001.8

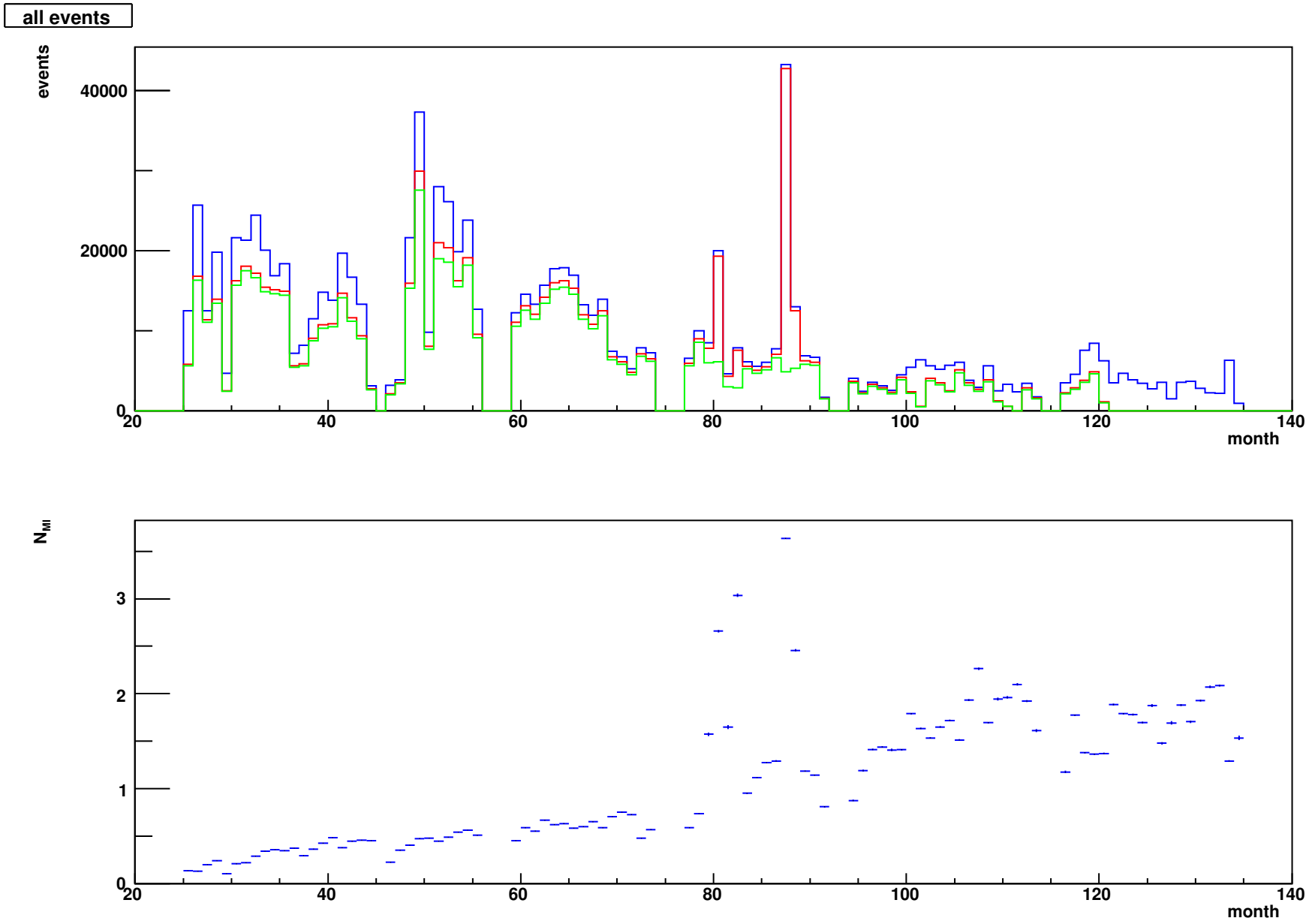

all events
Entries 981530
Mean 2.3143e+05
RMS 9922.2
Underflow 6.6167e+05
Overflow 1.5436e+05
Integral 1.655e+05
events
6000
4000
2000
0
210
215
220
225
230
235
240
245
250
×10^3
run number

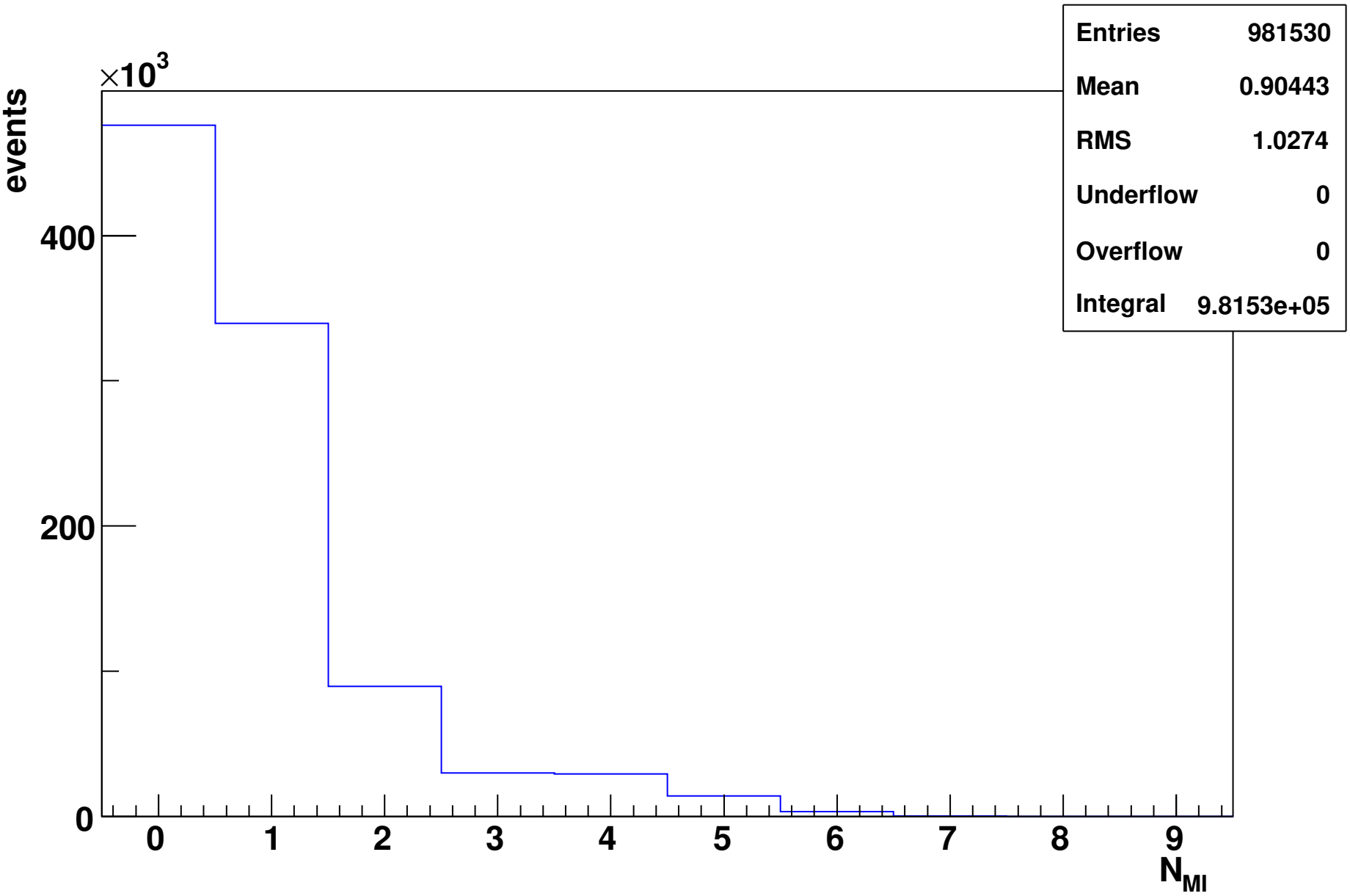

at least one track
Entries 750364
Mean 2.3159e+05
RMS 9841.9
Underflow 5.2691e+05
Overflow 67402
Integral 1.5606e+05
events
6000
4000
2000
0
210
215
220
225
230
235
240
245
250
×10^3
run number

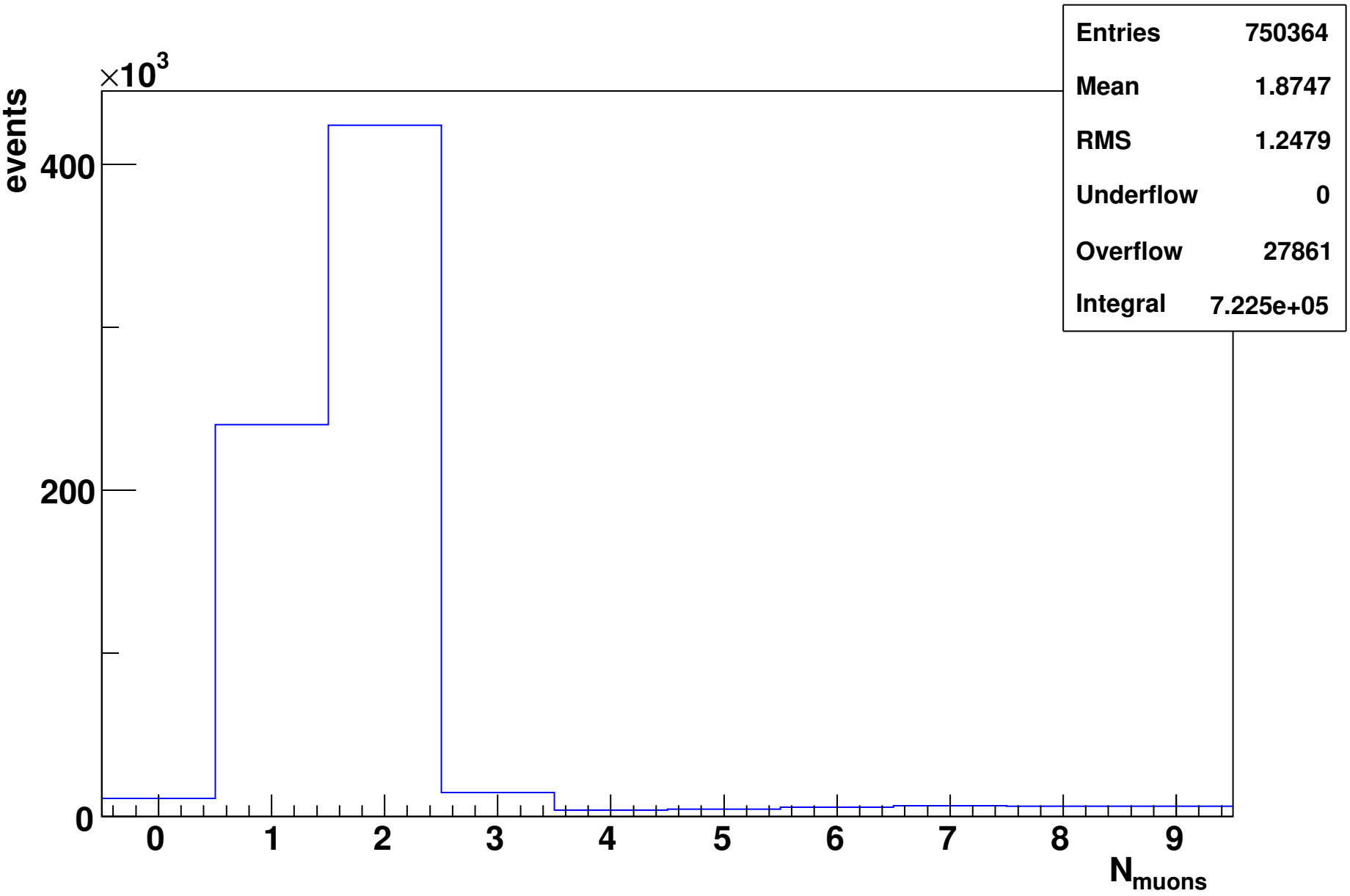

one or two tracks, at least one muon
Entries 651132
Mean 2.2924e+05
RMS 10761
Underflow 5.0193e+05
Overflow 62647
Integral 86553
events
2000
1000
0
210
215
220
225
230
235
240
245
250
×10^3
run number

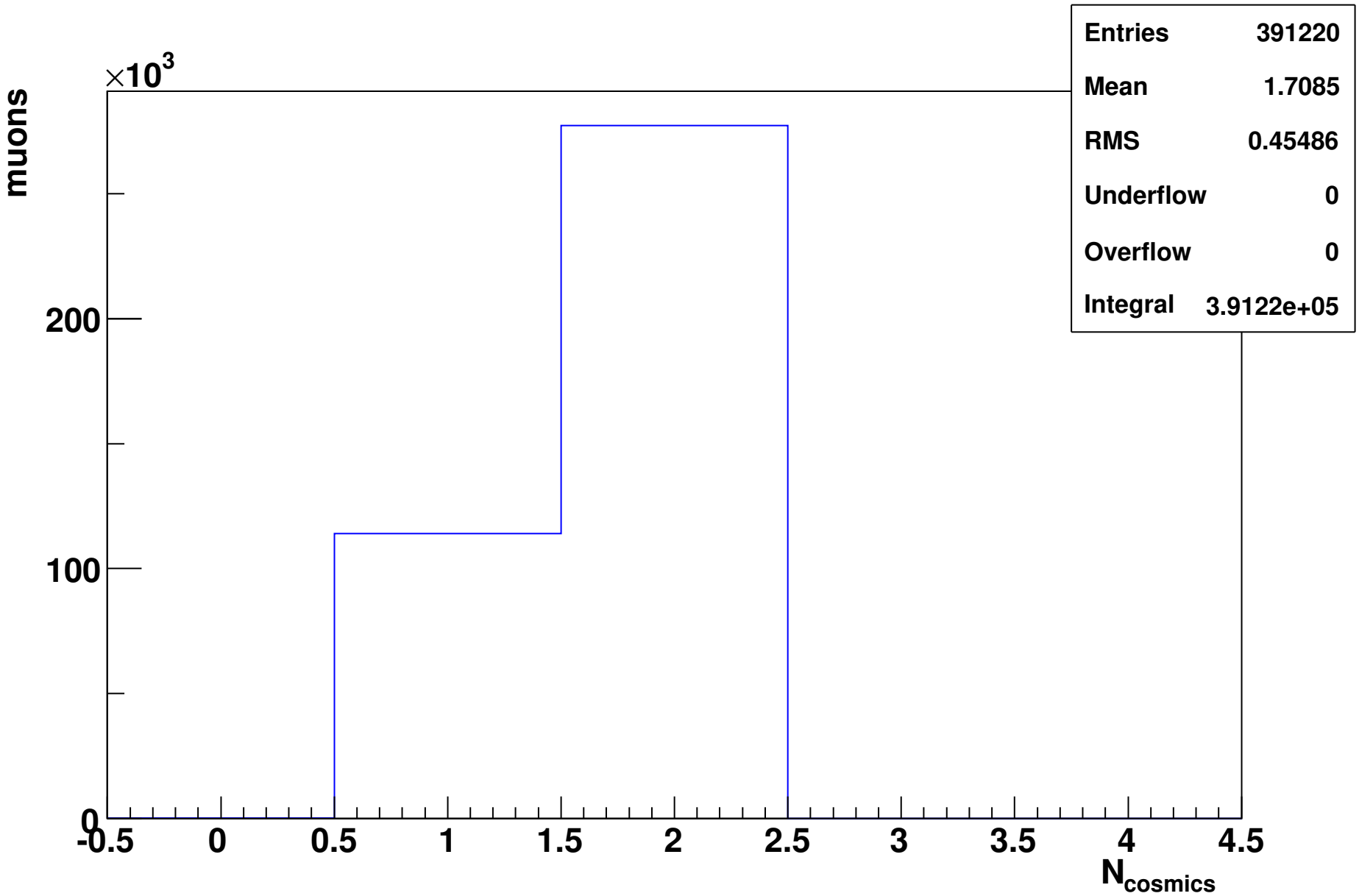

one or two tracks, at least one muon, weighted
Entries 651132
Mean 71.284
RMS 27.025
Underflow 0
Overflow 0
Integral 1.4813e+06
weighted cosmics
60000
40000
20000
0
20
40
60
80
100
120
140
month

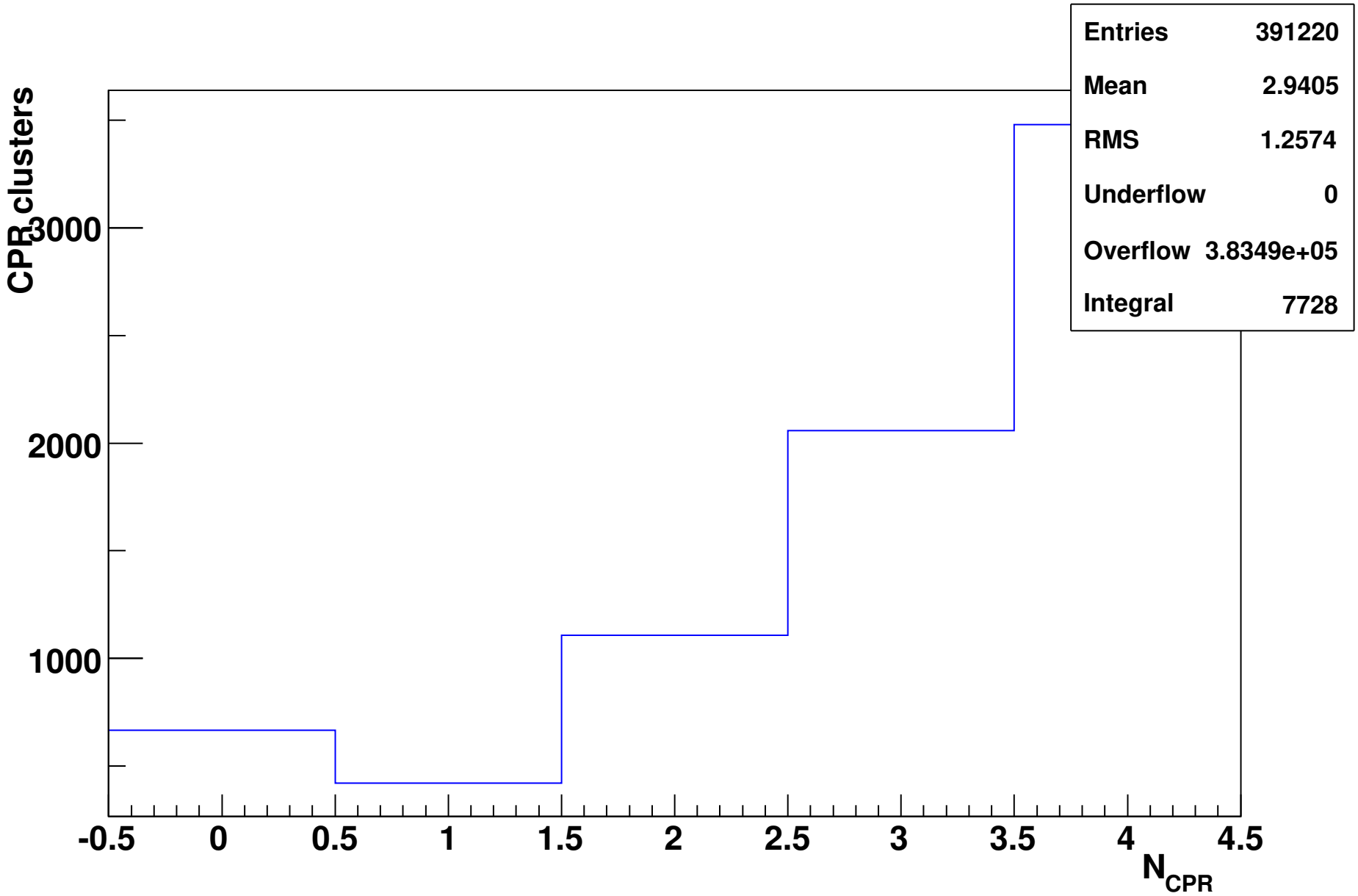

all events
Entries 651132
Mean 2.2924e+05
RMS 10761
Underflow 5.0193e+05
Overflow 62647
Integral 86553
events
6000
4000
2000
0
210
215
220
225
230
235
240
245
250
×10^3
run number

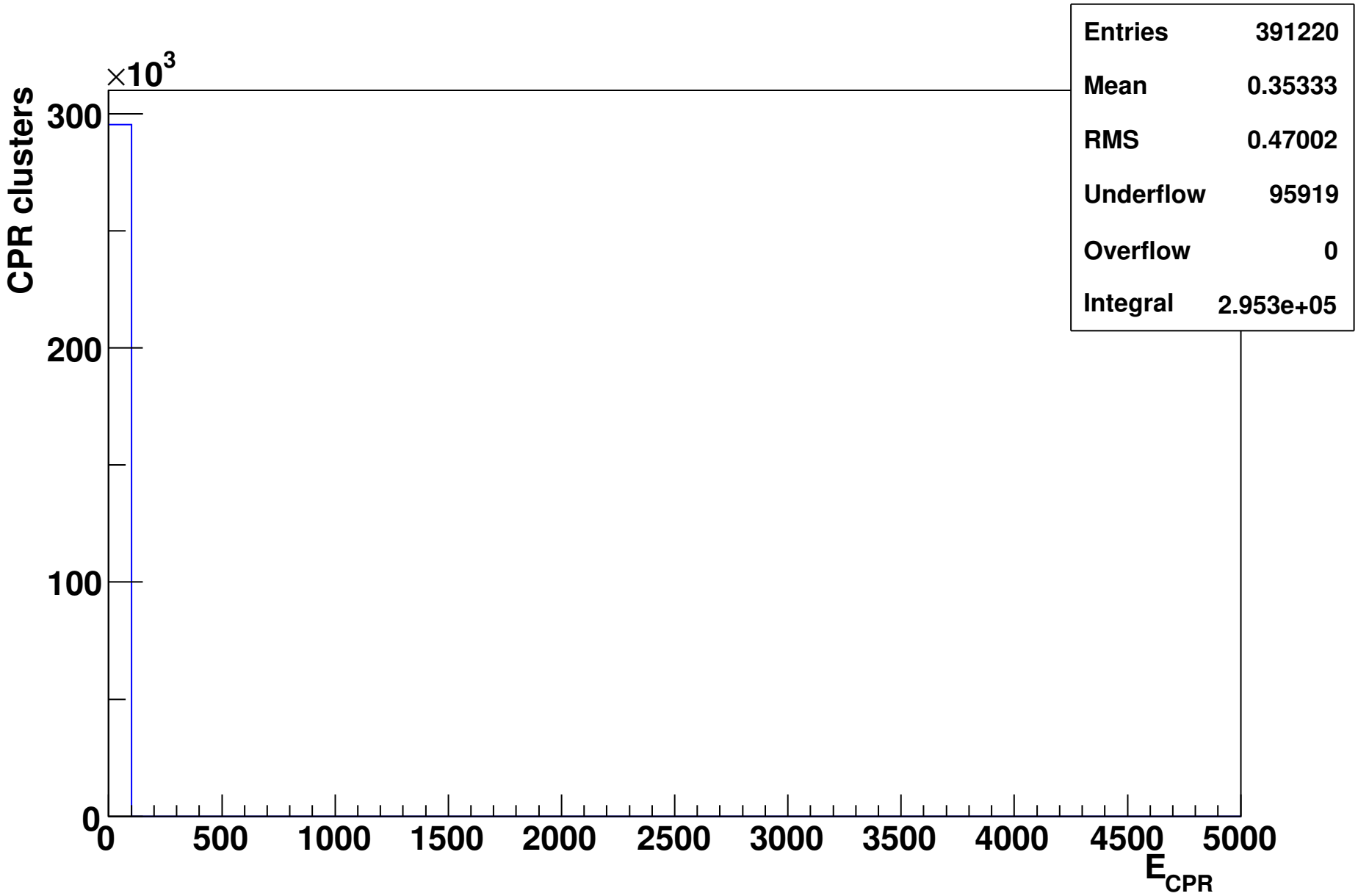

all events
events
40000
20000
0
20
40
60
80
100
120
140
month
N_{MI}
3
2
1
0
20
40
60
80
100
120
140
month

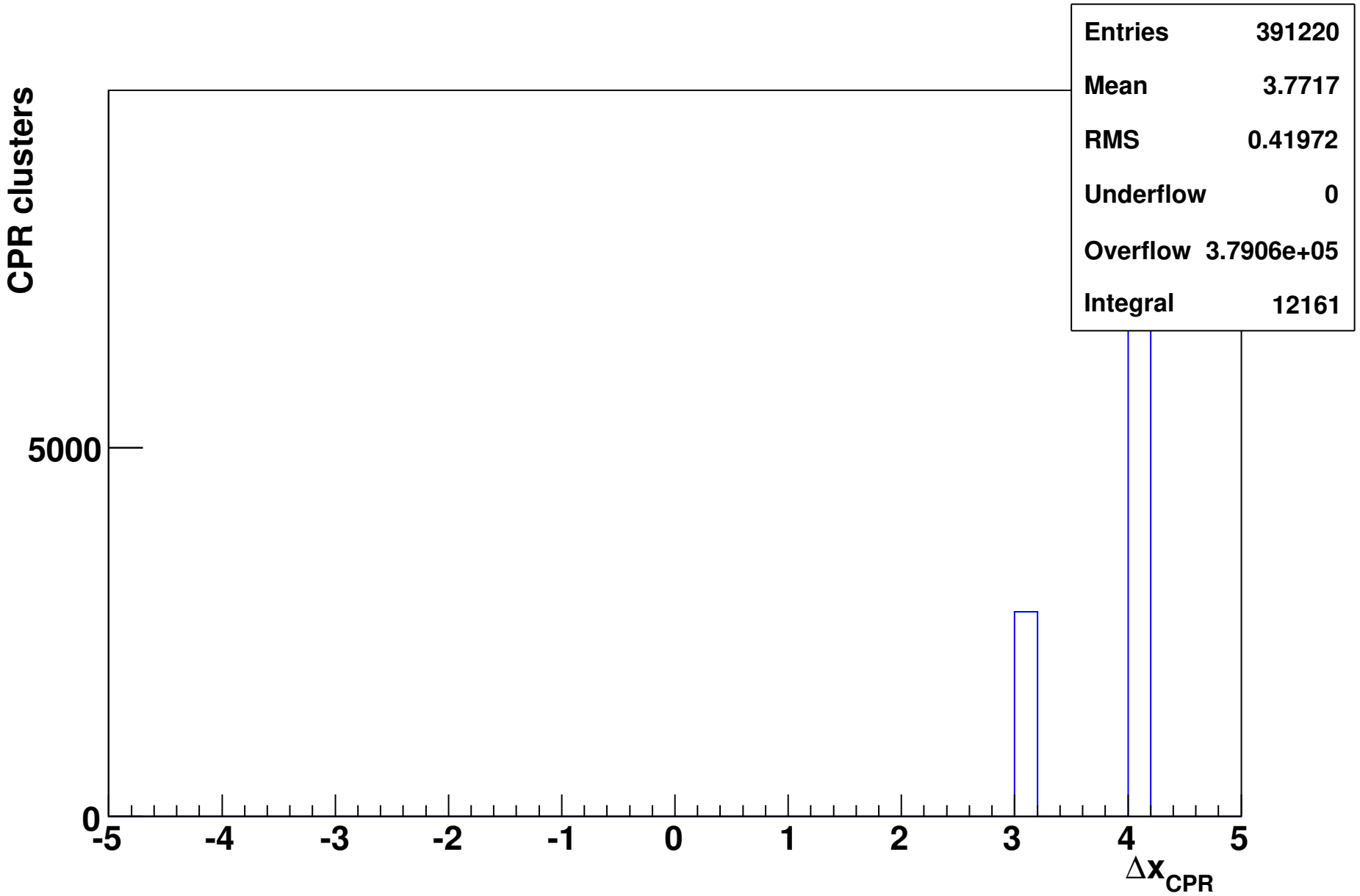

Entries 981530
Mean 0.90443
RMS 1.0274
Underflow 0
Overflow 0
Integral 9.8153e+05
events
×10^3
400
200
0
0 1 2 3 4 5 6 7 8 9
N_MI

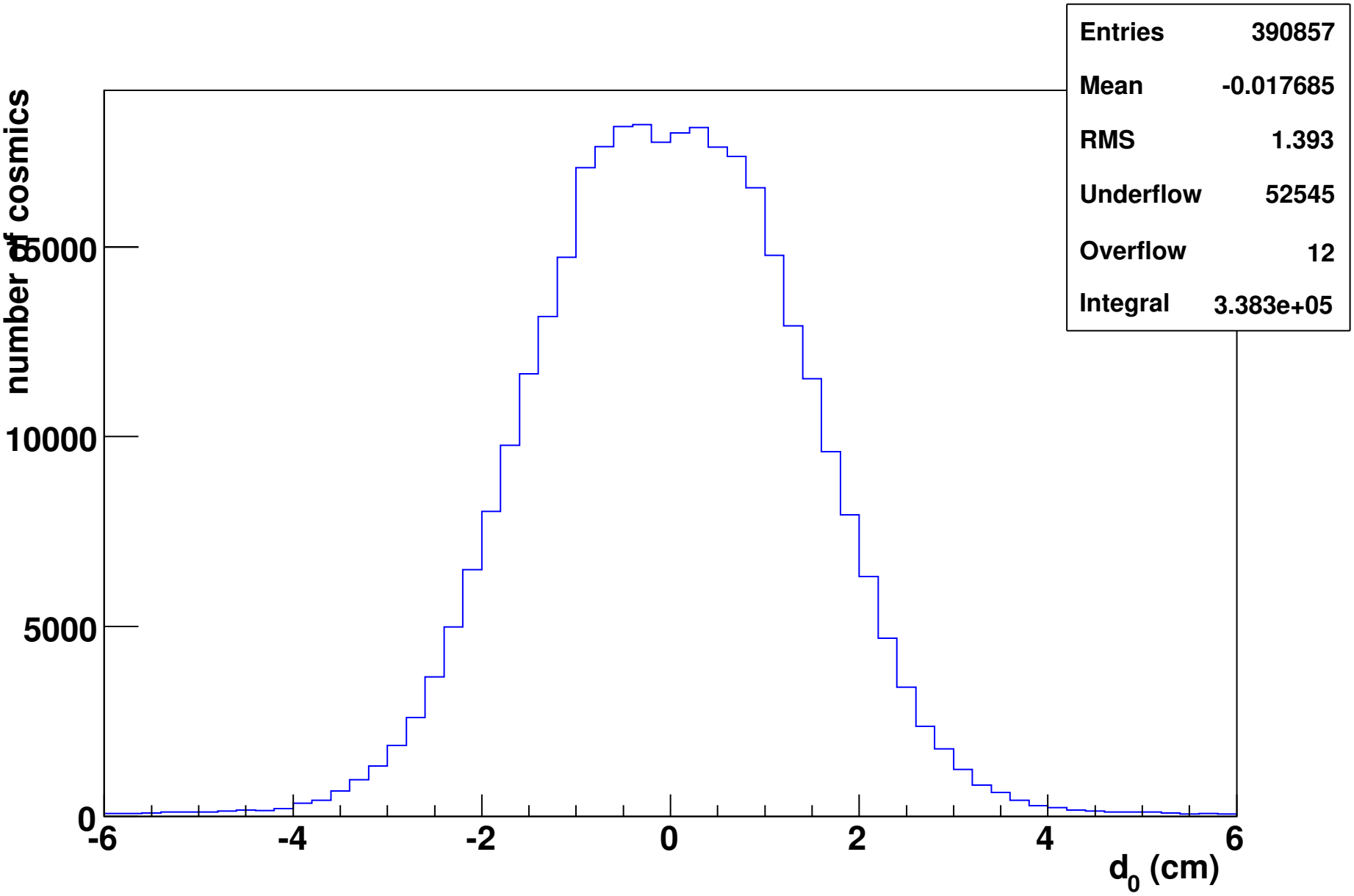

Entries 750364
Mean 1.8747
RMS 1.2479
Underflow 0
Overflow 27861
Integral 7.225e+05
×10^3
events
400
200
0
0
1
2
3
4
5
6
7
8
9
N_muons

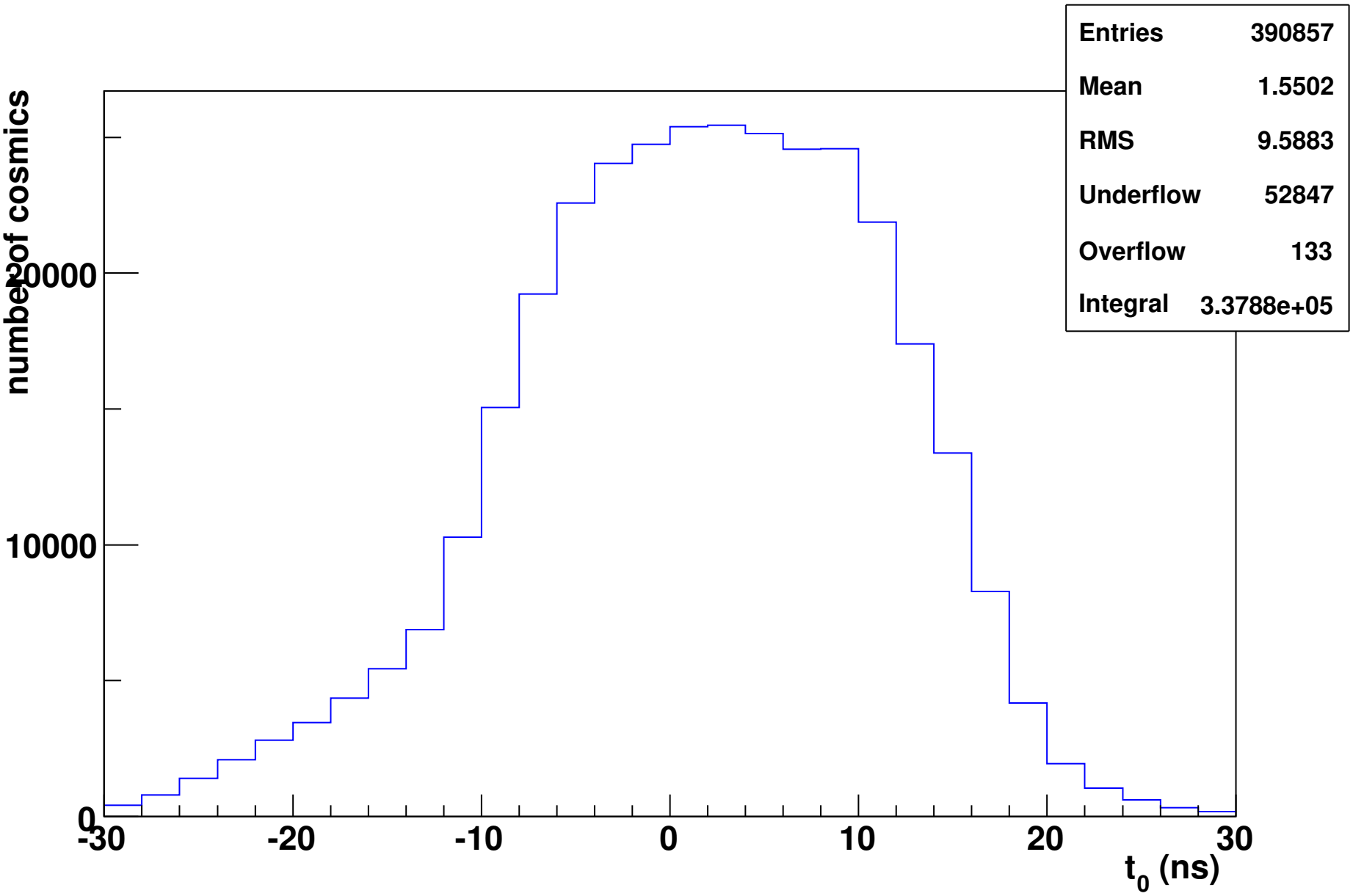

Entries 391220
Mean 1.7085
RMS 0.45486
Underflow 0
Overflow 0
Integral 3.9122e+05
muons
×10^3
200
100
0
-0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
N_cosmics

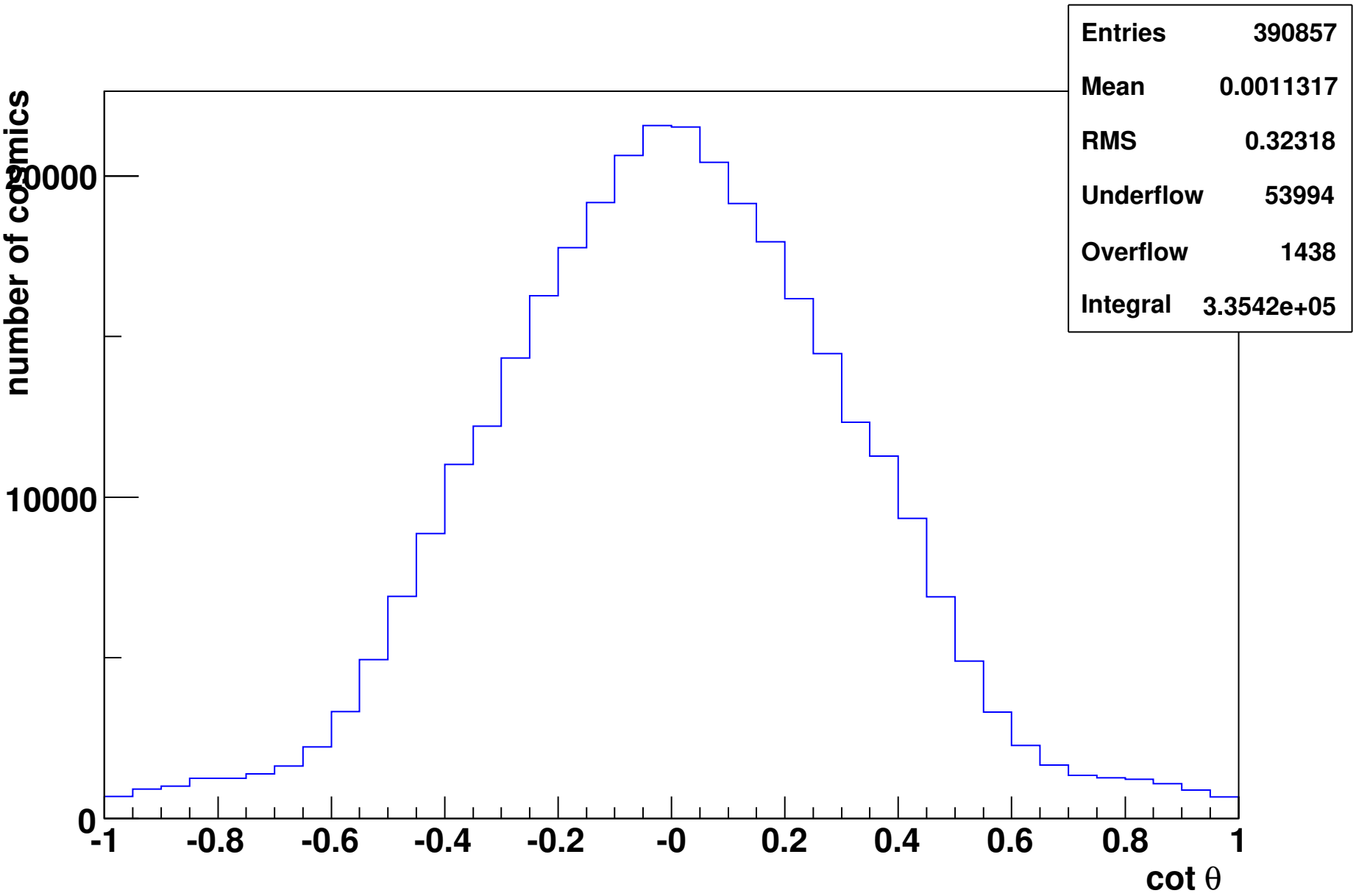

Entries 391220
Mean 2.9405
RMS 1.2574
Underflow 0
Overflow 3.8349e+05
Integral 7728
CPR clusters
3000
2000
1000
-0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
N_CPR

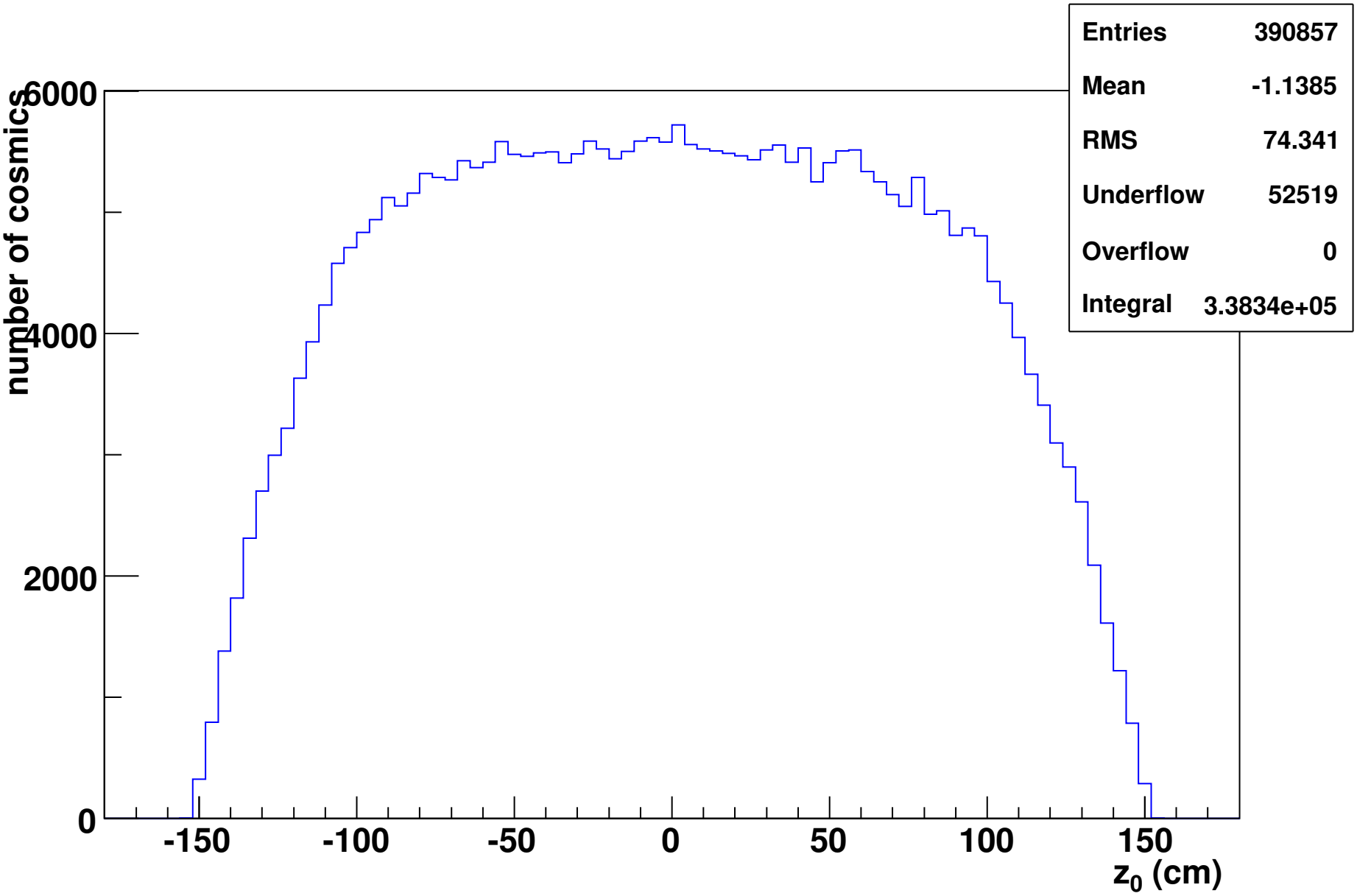

Entries 391220
Mean 0.35333
RMS 0.47002
Underflow 95919
Overflow 0
Integral 2.953e+05
×10^3
CPR clusters
300
200
100
0
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
E_CPR

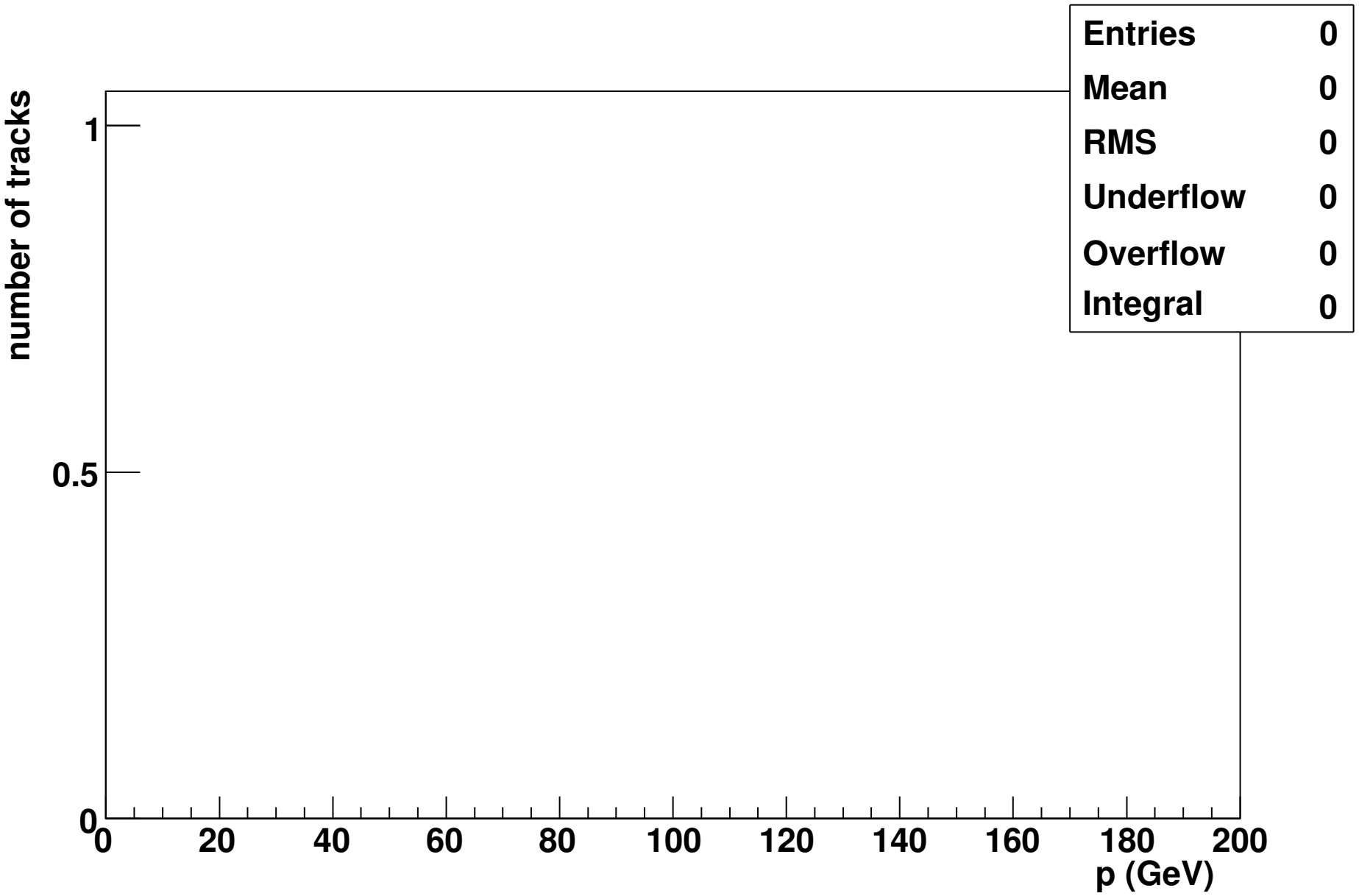

Entries 391220
Mean 3.7717
RMS 0.41972
Underflow 0
Overflow 3.7906e+05
Integral 12161
CPR clusters
5000
0
-5
-4
-3
-2
-1
0
1
2
3
4
5
Δx_CPR

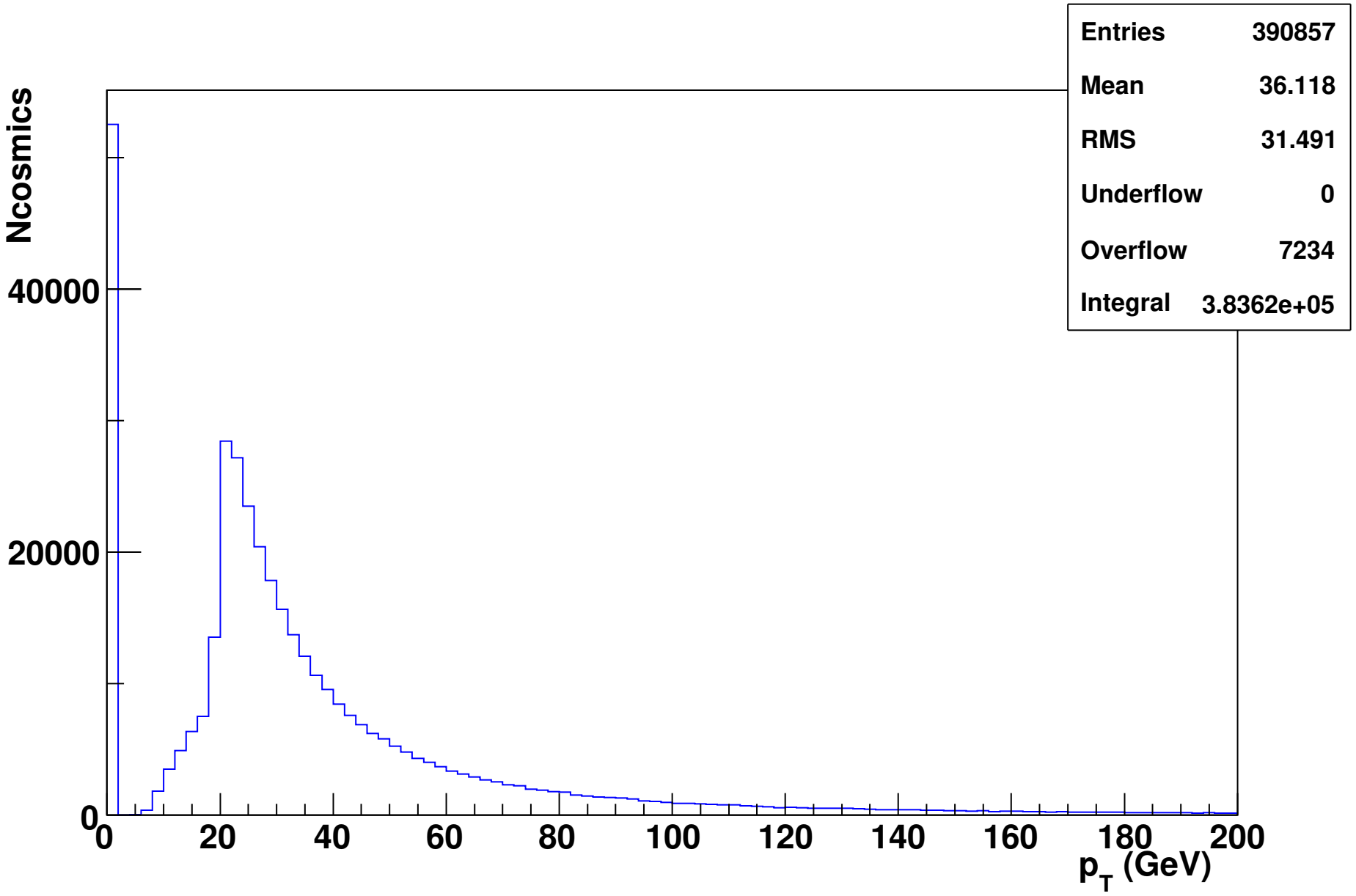

Entries 390857
Mean -0.017685
RMS 1.393
Underflow 52545
Overflow 12
Integral 3.383e+05
number of cosmics
0
5000
10000
-6
-4
-2
0
2
4
6
d_0 (cm)

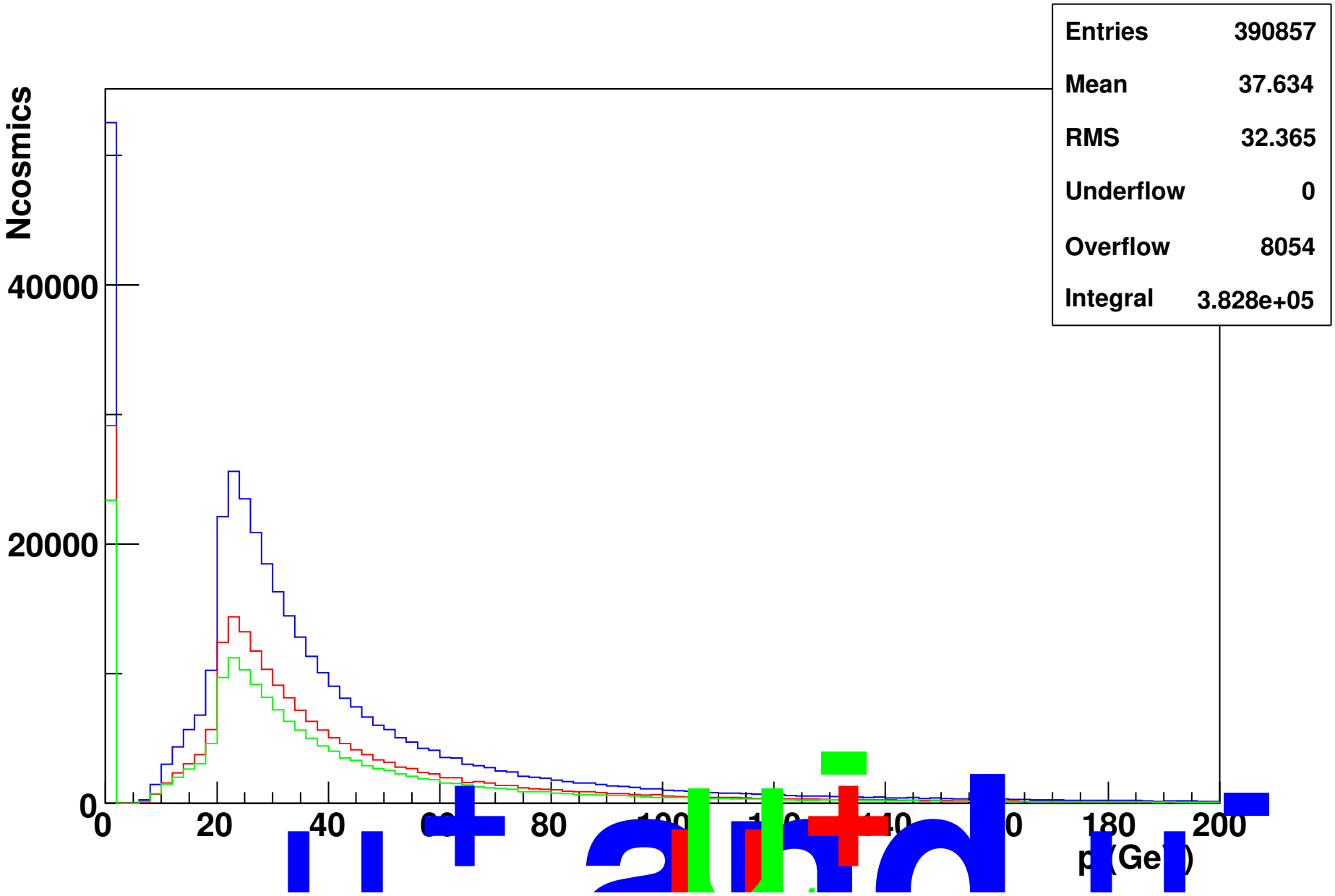

Entries 390857
Mean 1.5502
RMS 9.5883
Underflow 52847
Overflow 133
Integral 3.3788e+05
number of cosmics
20000
10000
0
-30
-20
-10
0
10
20
30
t0 (ns)

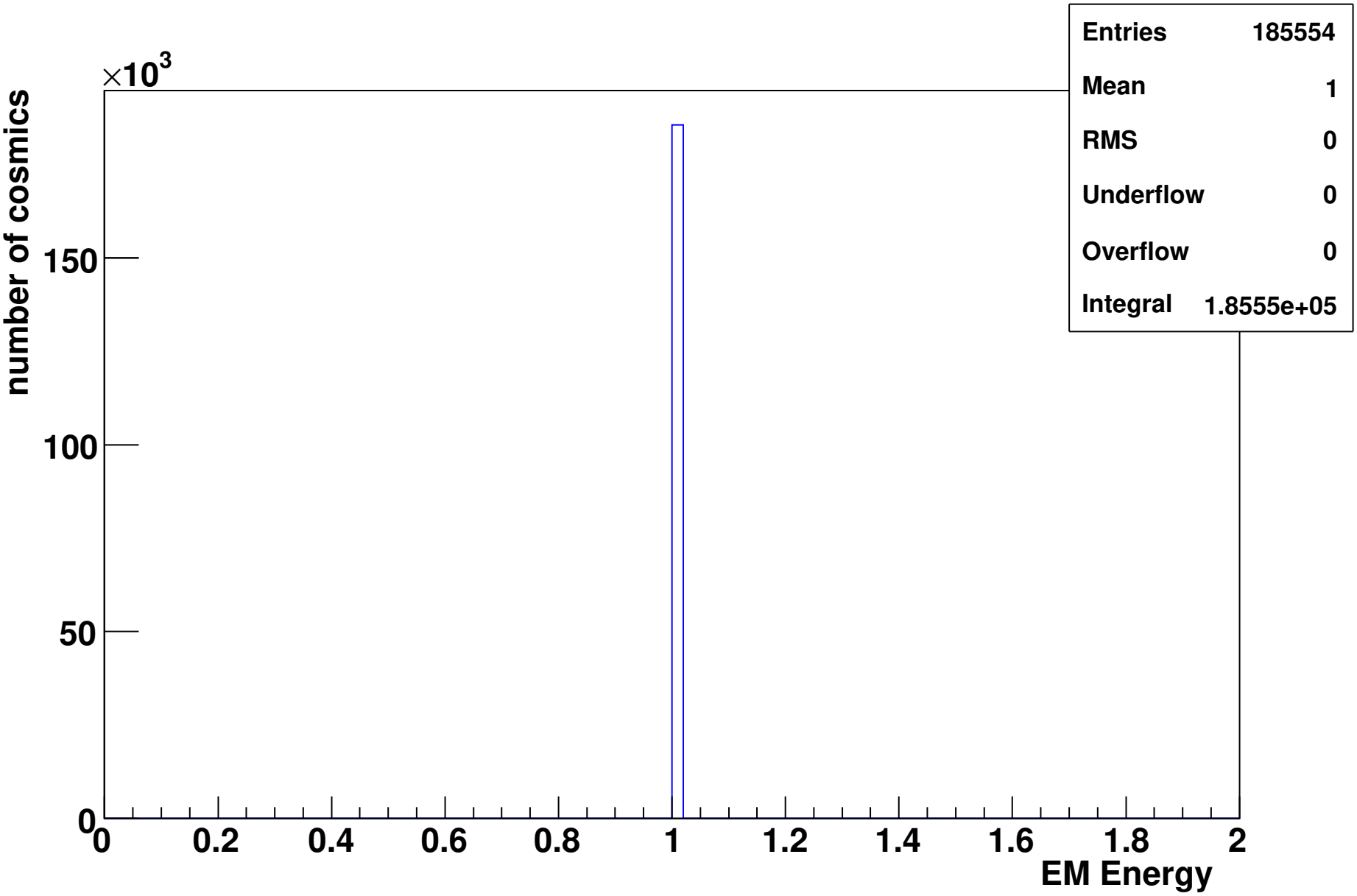

Entries 390857
Mean 0.0011317
RMS 0.32318
Underflow 53994
Overflow 1438
Integral 3.3542e+05
number of cosmics
20000
10000
0
-1
-0.8
-0.6
-0.4
-0.2
-0
0.2
0.4
0.6
0.8
1
cot θ

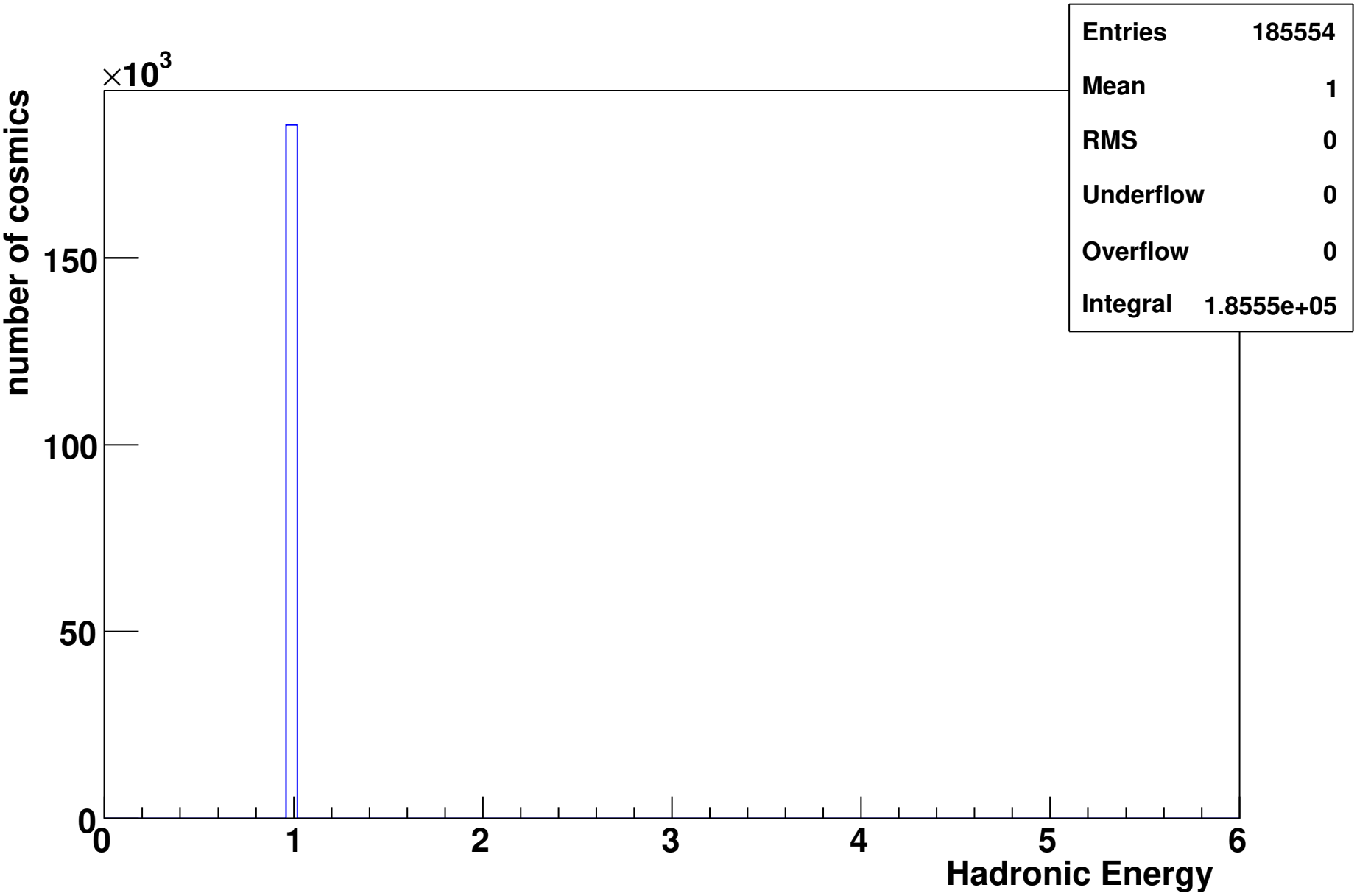

Entries 390857
Mean -1.1385
RMS 74.341
Underflow 52519
Overflow 0
Integral 3.3834e+05
number of cosmics
6000
4000
2000
0
-150
-100
-50
0
50
100
150
z_0 (cm)

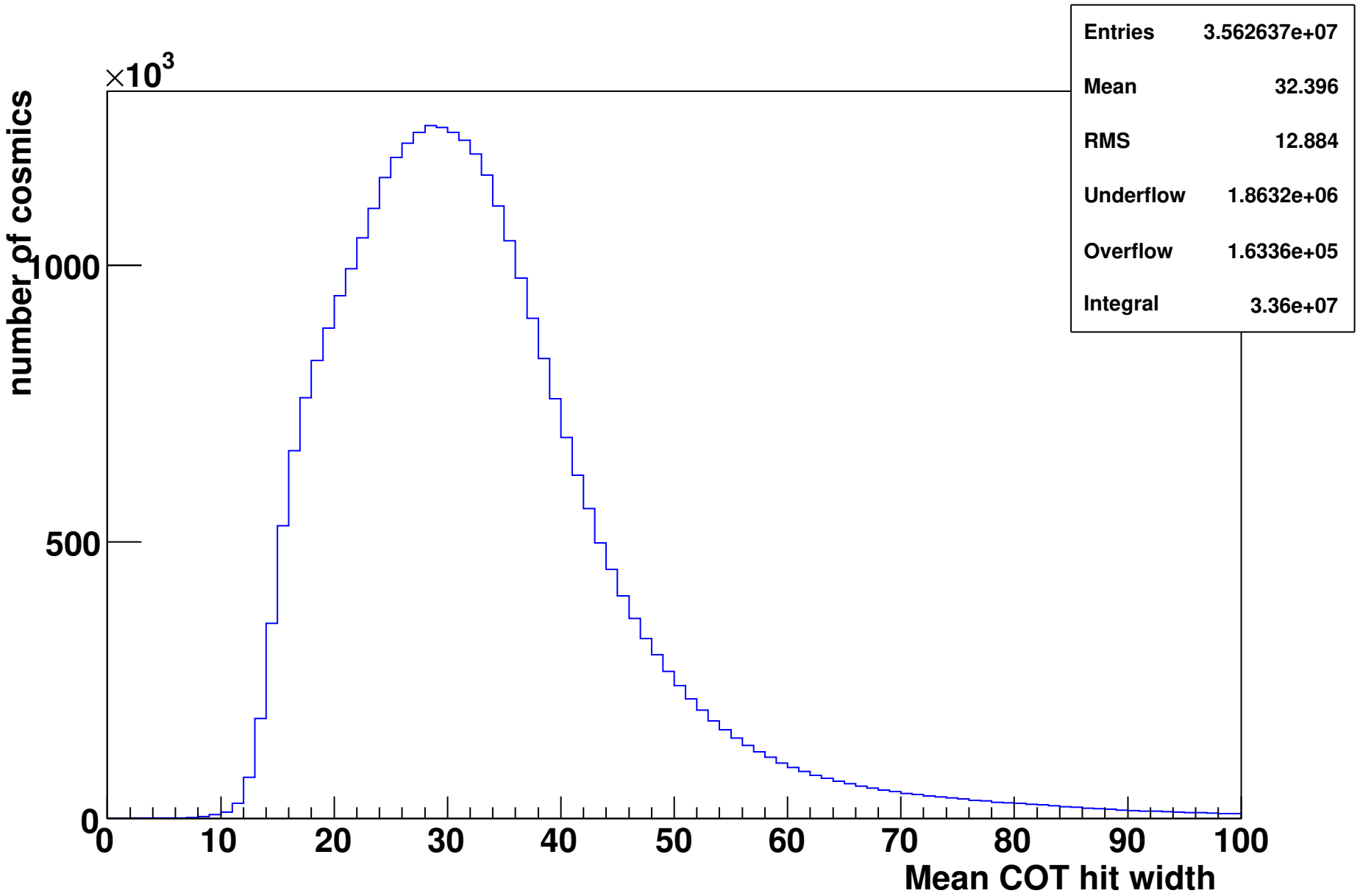

Entries 0
Mean 0
RMS 0
Underflow 0
Overflow 0
Integral 0
number of tracks
1
0.5
0
0
20
40
60
80
100
120
140
160
180
200
p (GeV)

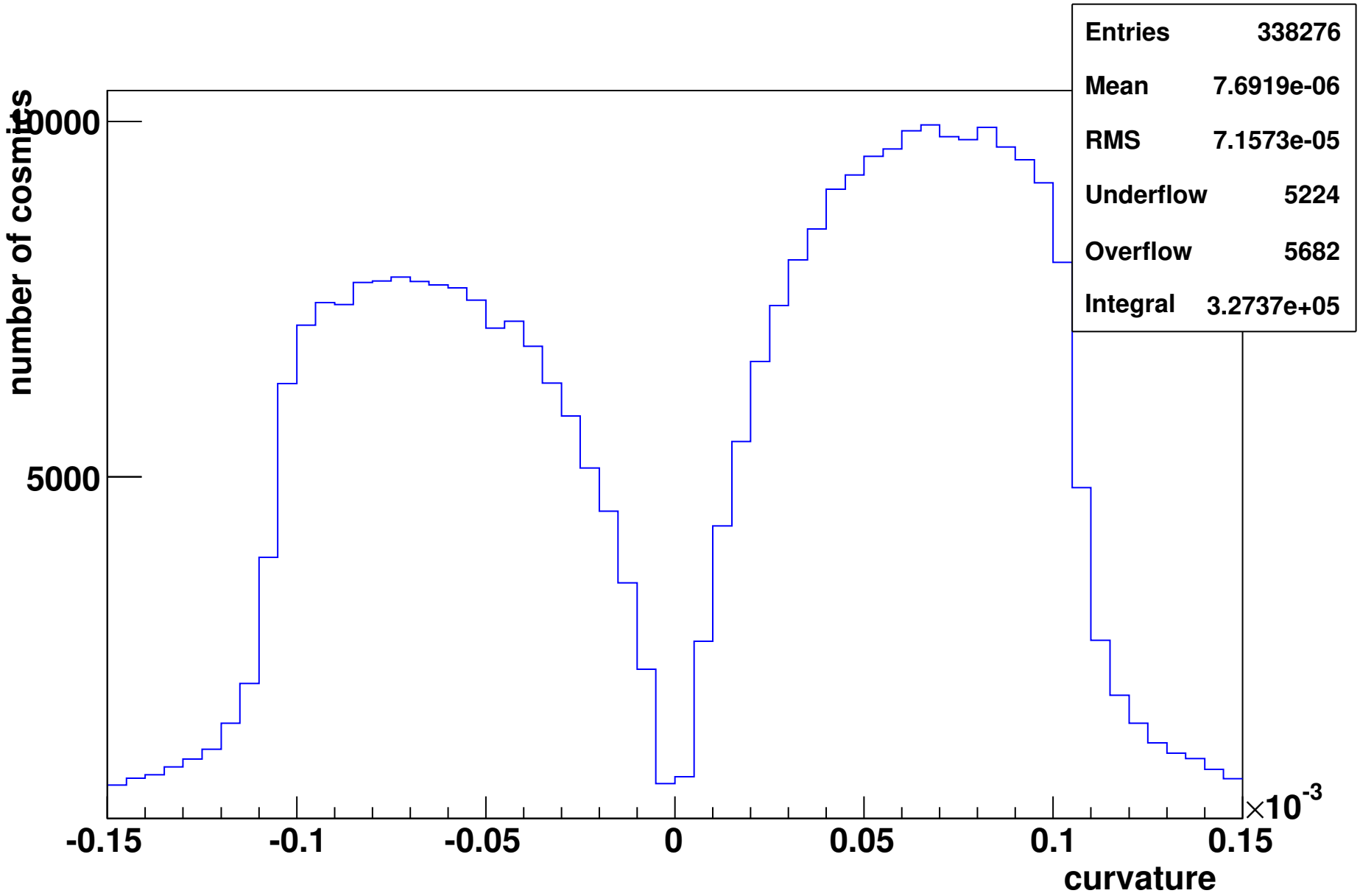

Entries 390857
Mean 36.118
RMS 31.491
Underflow 0
Overflow 7234
Integral 3.8362e+05
Ncosmics
40000
20000
0
0
20
40
60
80
100
120
140
160
180
200
p_T (GeV)

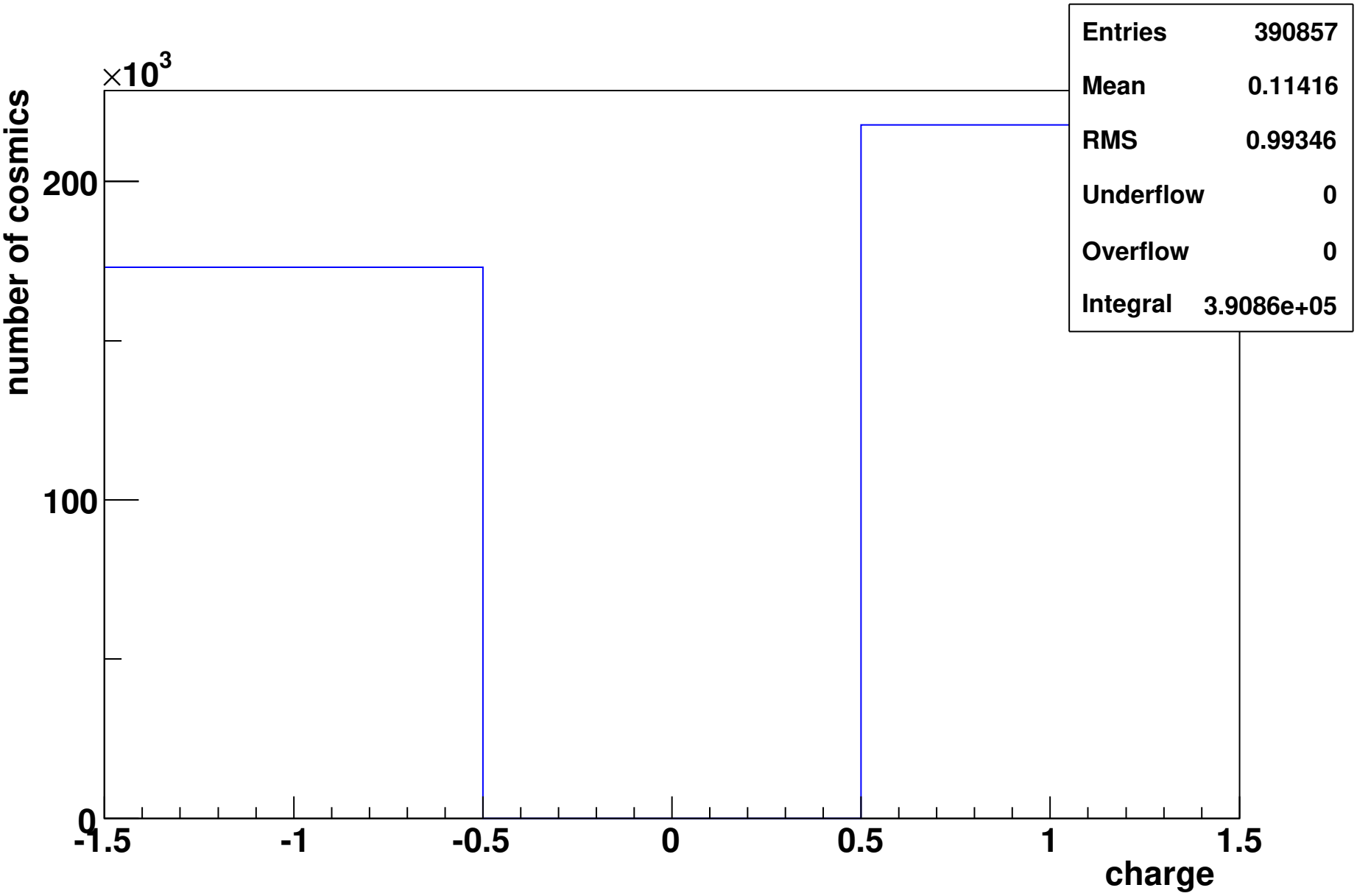

Entries 390857
Mean 37.634
RMS 32.365
Underflow 0
Overflow 8054
Integral 3.828e+05
Ncosmics
40000
20000
0
0
20
40
80
180
200
p (GeV)

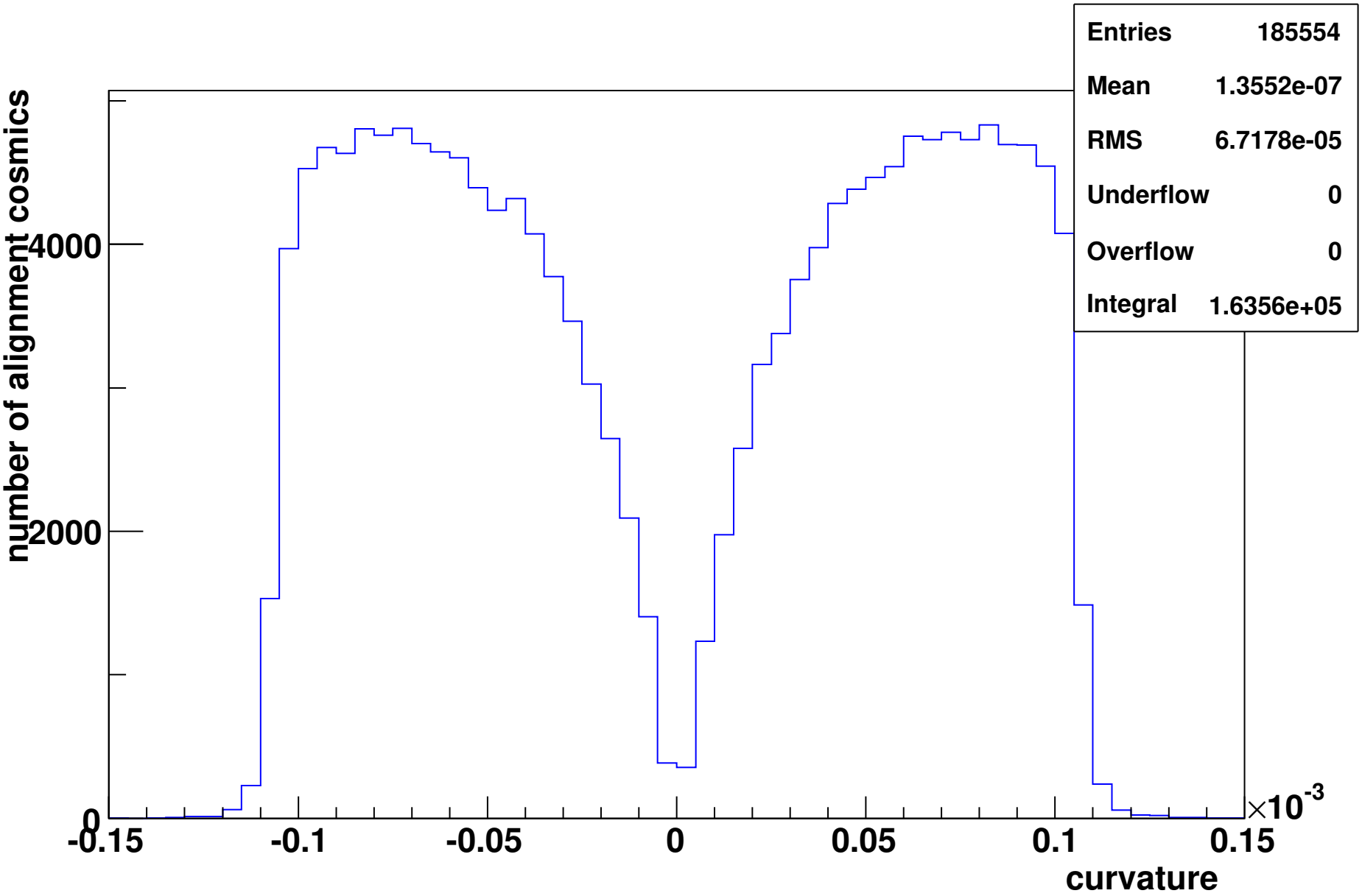

Entries 185554
Mean 1
RMS 0
Underflow 0
Overflow 0
Integral 1.8555e+05
×10^3
number of cosmics
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
EM Energy

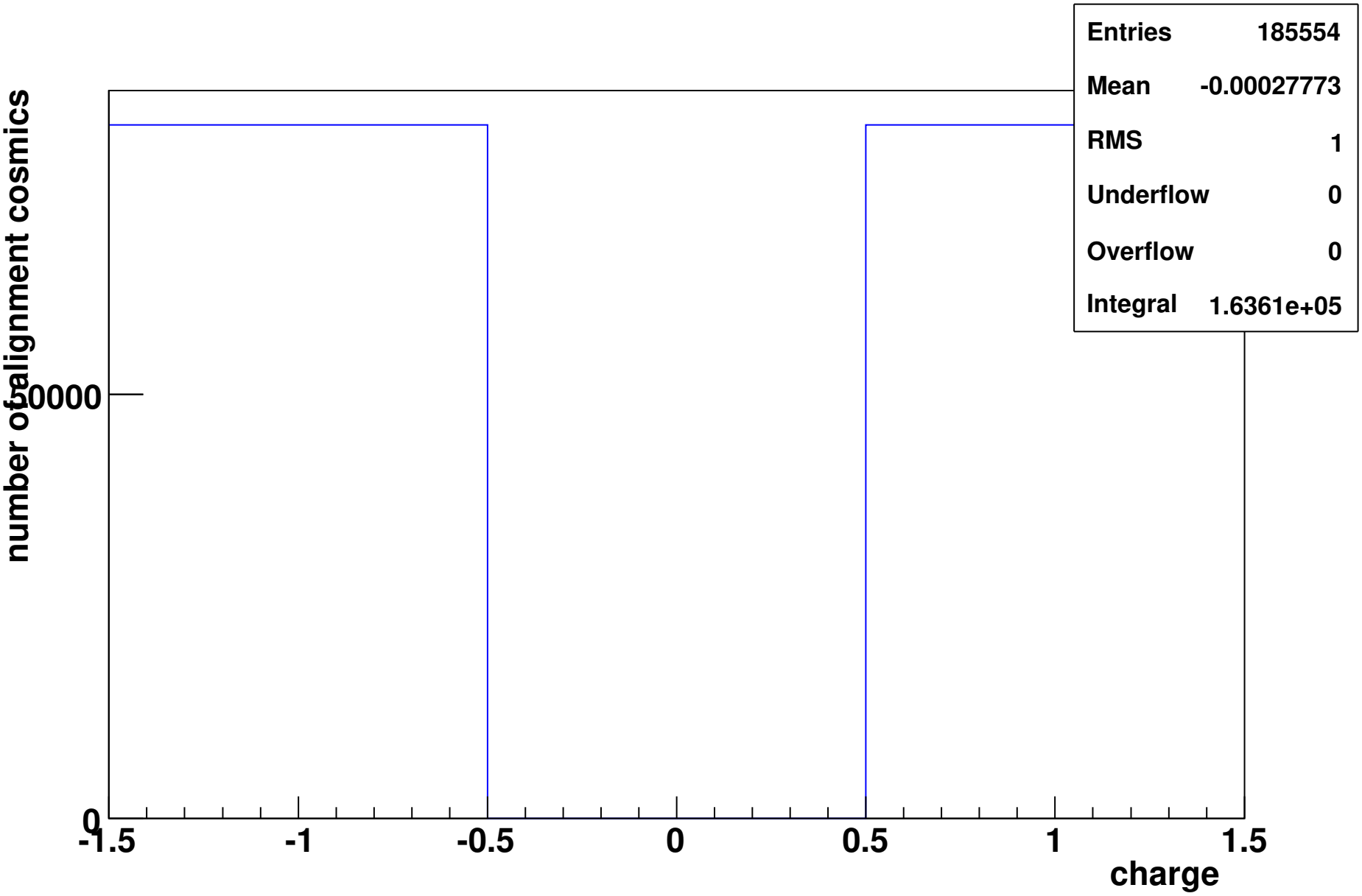

Entries 185554
Mean 1
RMS 0
Underflow 0
Overflow 0
Integral 1.8555e+05
×10^3
number of cosmics
150
100
50
0
0
1
2
3
4
5
6
Hadronic Energy

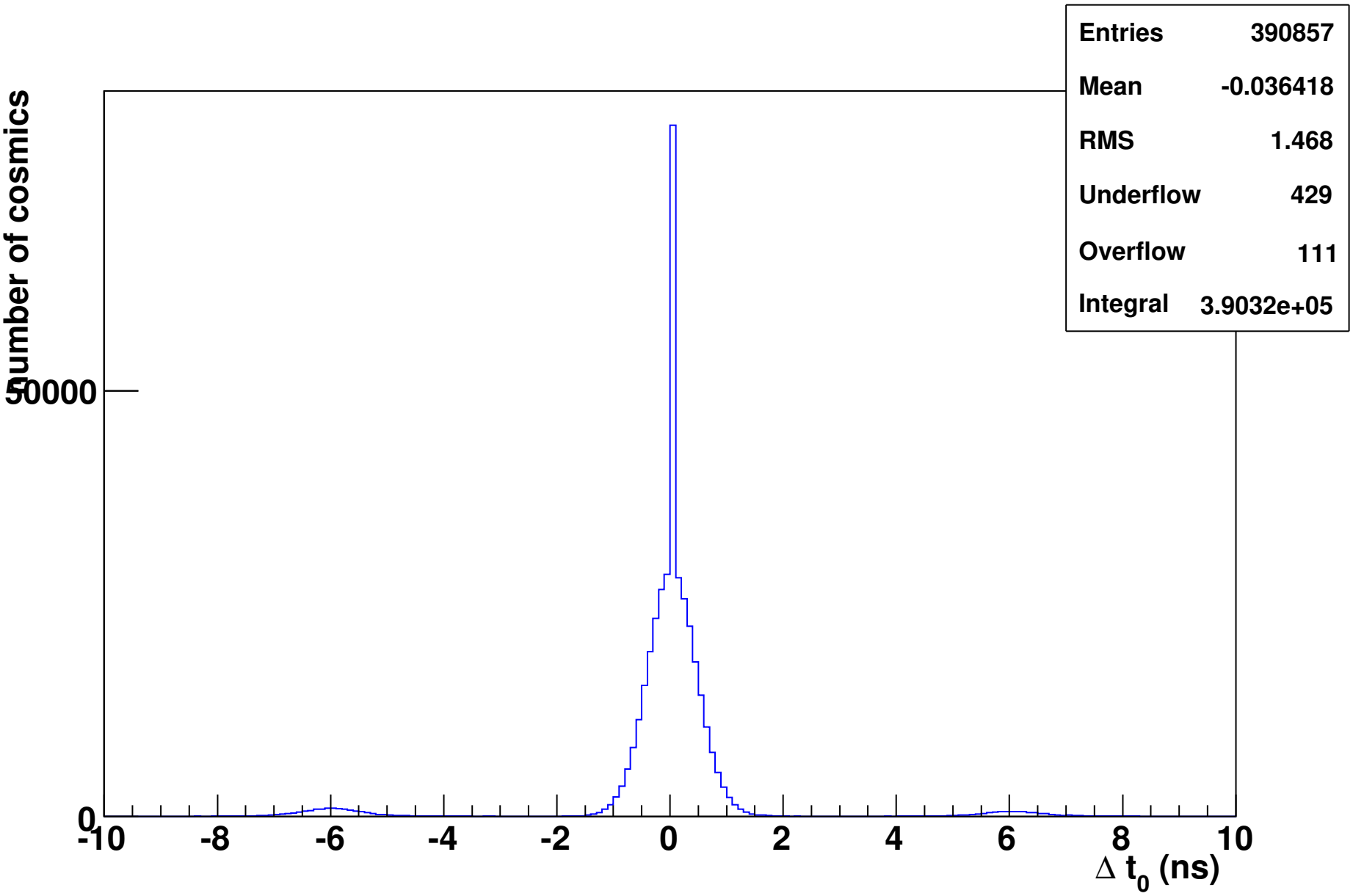

Entries 3.562637e+07
Mean 32.396
RMS 12.884
Underflow 1.8632e+06
Overflow 1.6336e+05
Integral 3.36e+07
×10^3
number of cosmics
1000
500
0
0
10
20
30
40
50
60
70
80
90
100
Mean COT hit width

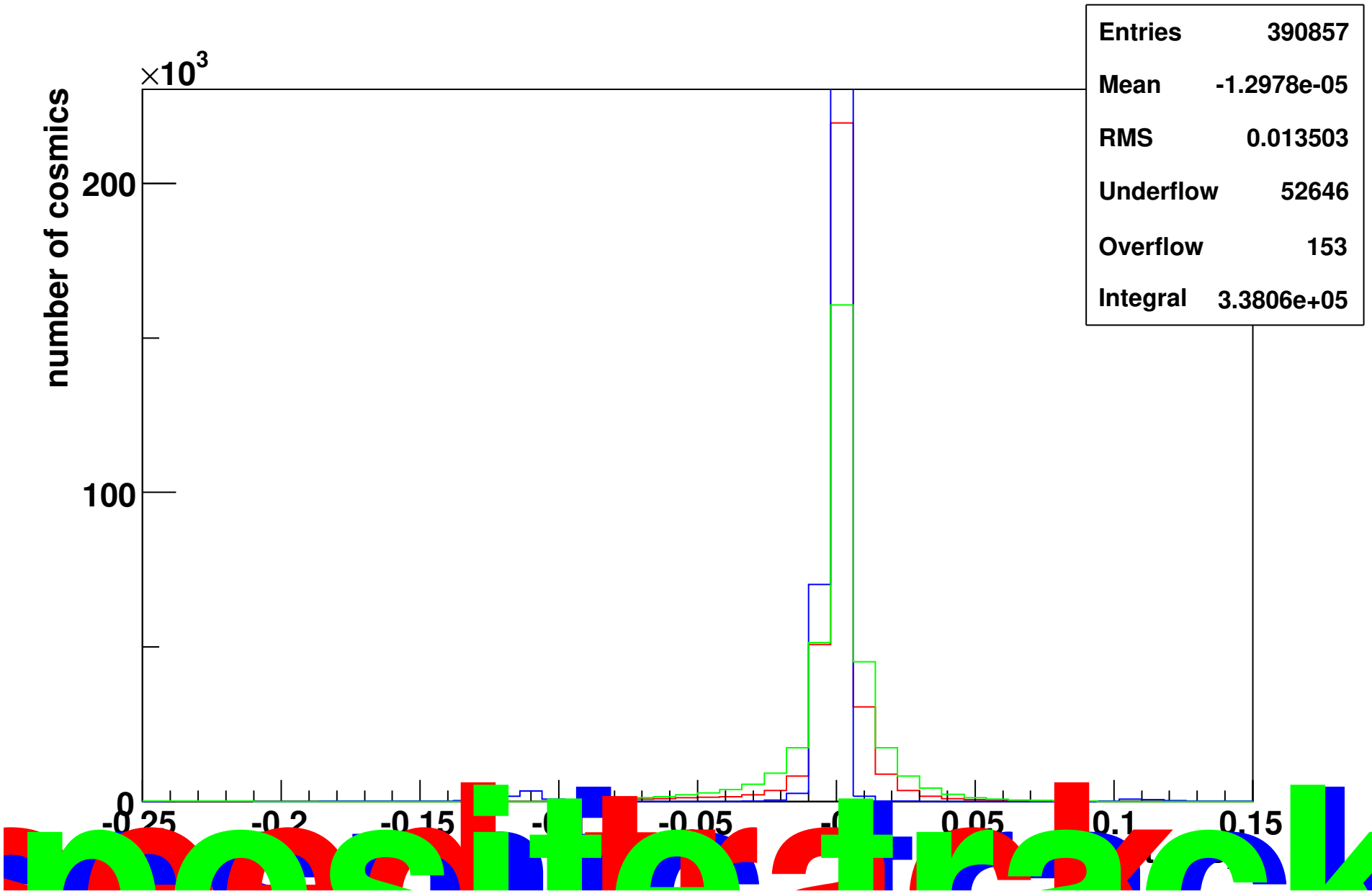

Entries 338276
Mean 7.6919e-06
RMS 7.1573e-05
Underflow 5224
Overflow 5682
Integral 3.2737e+05
number of cosmics
10000
5000
-0.15
-0.1
-0.05
0
0.05
0.1
0.15
×10^-3
curvature

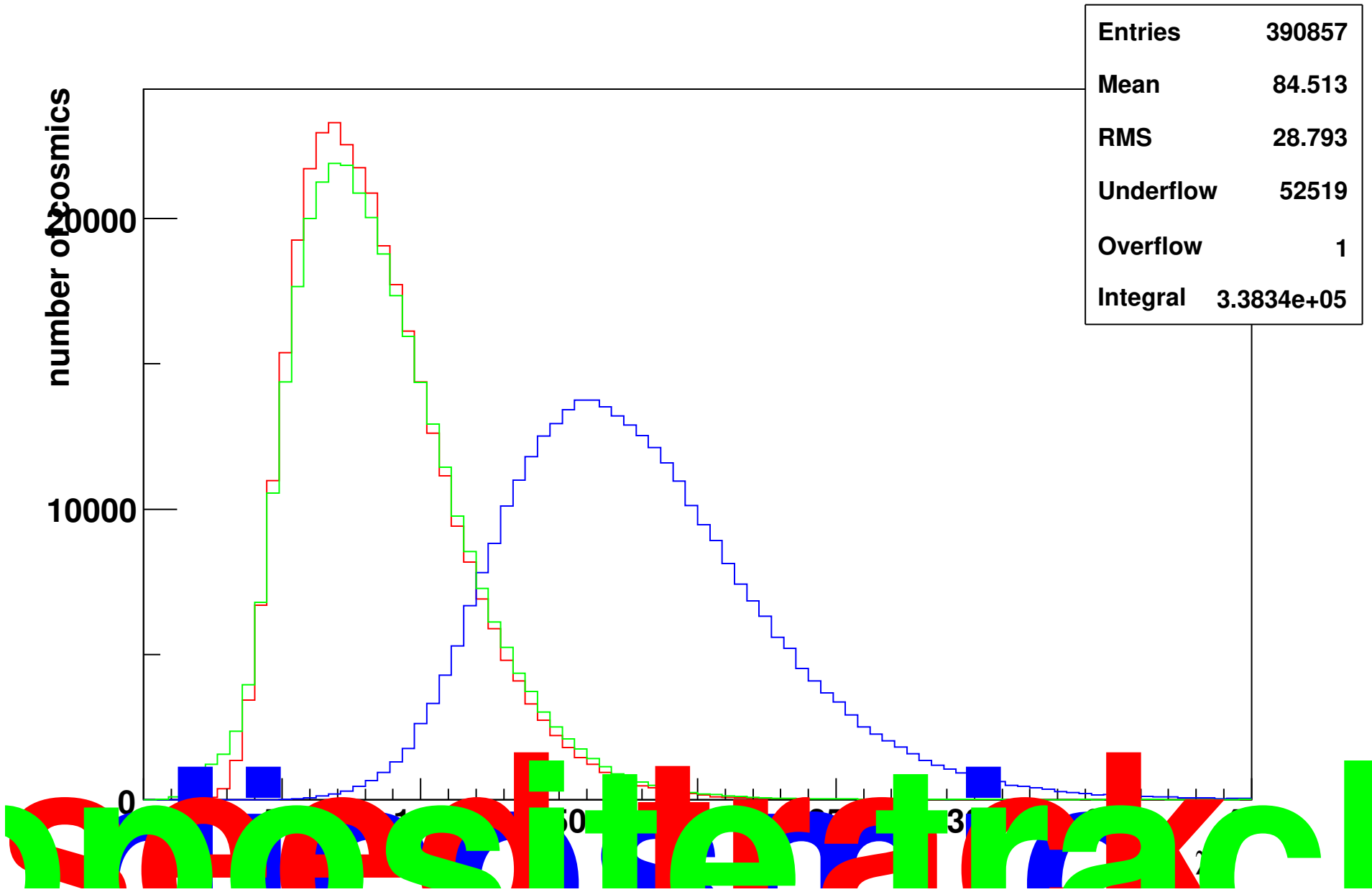

Entries 390857
Mean 0.11416
RMS 0.99346
Underflow 0
Overflow 0
Integral 3.9086e+05
×10^3
number of cosmics
200
100
0
-1.5
-1
-0.5
0
0.5
1
1.5
charge

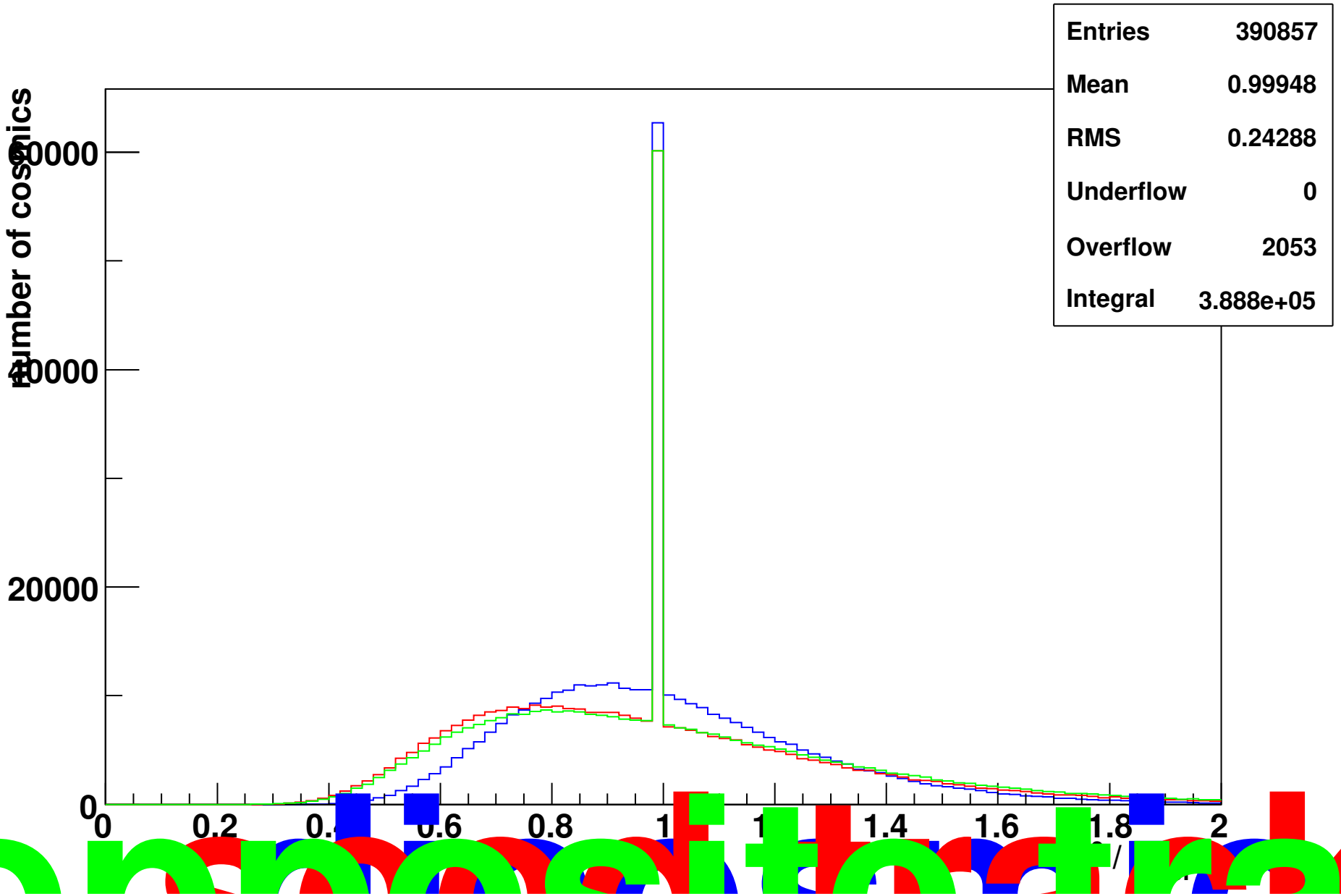

Entries 185554
Mean 1.3552e-07
RMS 6.7178e-05
Underflow 0
Overflow 0
Integral 1.6356e+05
number of alignment cosmics
4000
2000
0
-0.15
-0.1
-0.05
0
0.05
0.1
0.15
×10^-3
curvature

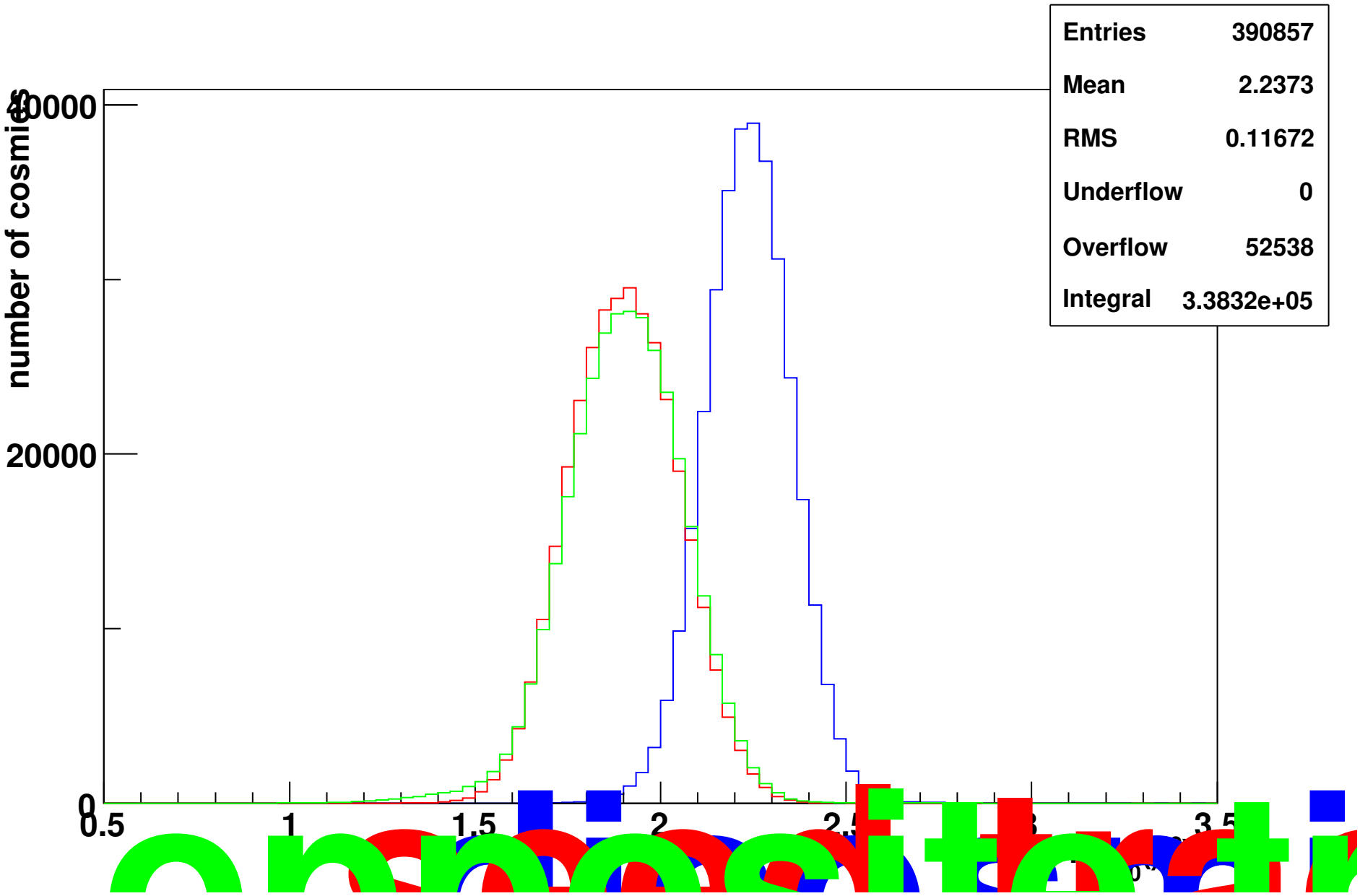

Entries 185554
Mean -0.00027773
RMS 1
Underflow 0
Overflow 0
Integral 1.6361e+05
number of alignment cosmics
10000
0
-1.5
-1
-0.5
0
0.5
1
1.5
charge


Entries 390857
Mean -0.036418
RMS 1.468
Underflow 429
Overflow 111
Integral 3.9032e+05
number of cosmics
50000
0
-10
-8
-6
-4
-2
0
2
4
6
8
10
Δ t0 (ns)

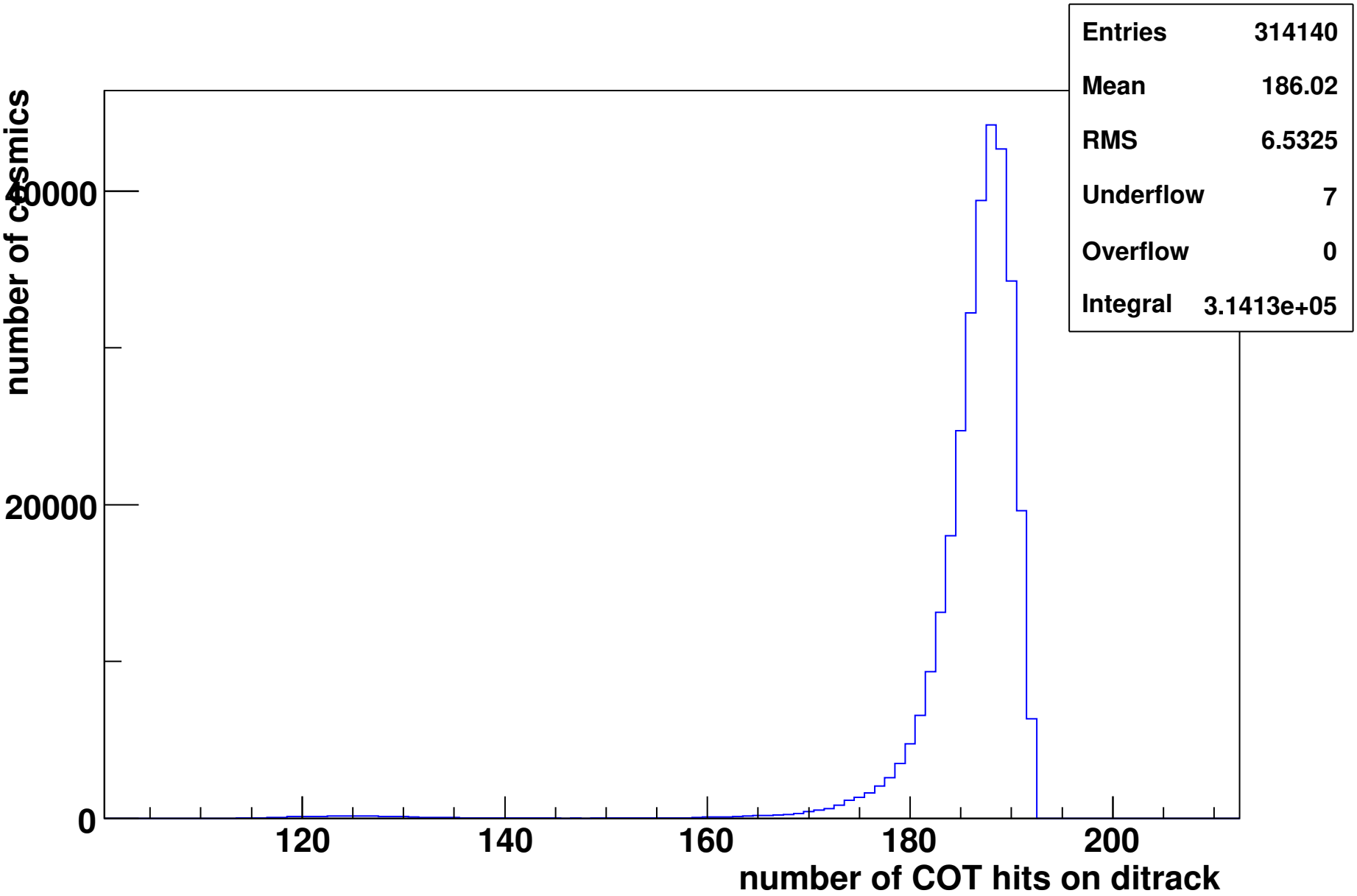

Entries 390857
Mean -1.2978e-05
RMS 0.013503
Underflow 52646
Overflow 153
Integral 3.3806e+05
number of cosmics
×10^3
200
100
0
-0.25
-0.2
-0.15
-0.05
0.05
0.1
0.15

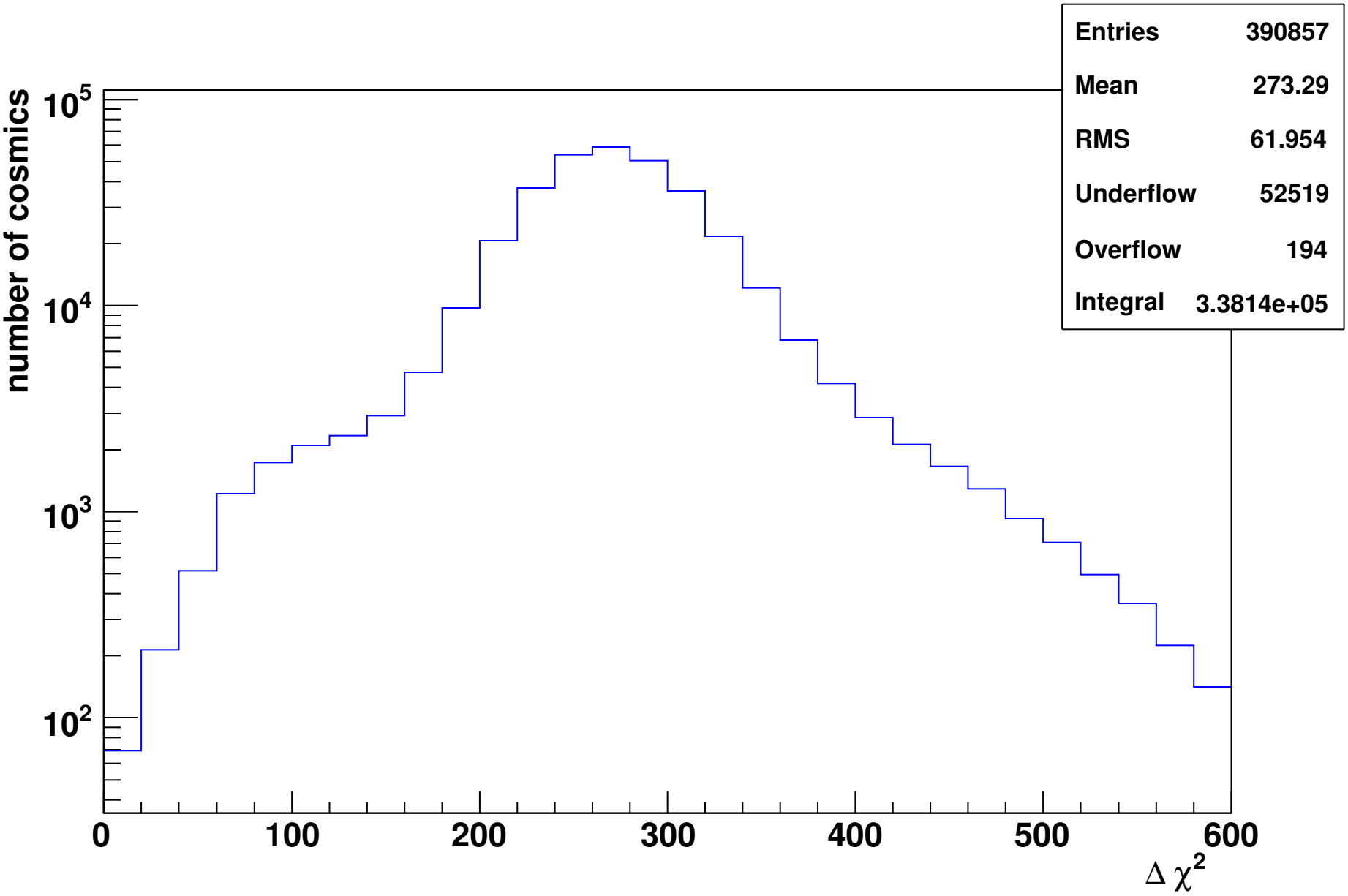

Entries 390857
Mean 84.513
RMS 28.793
Underflow 52519
Overflow 1
Integral 3.3834e+05
number of cosmics
20000
10000
0

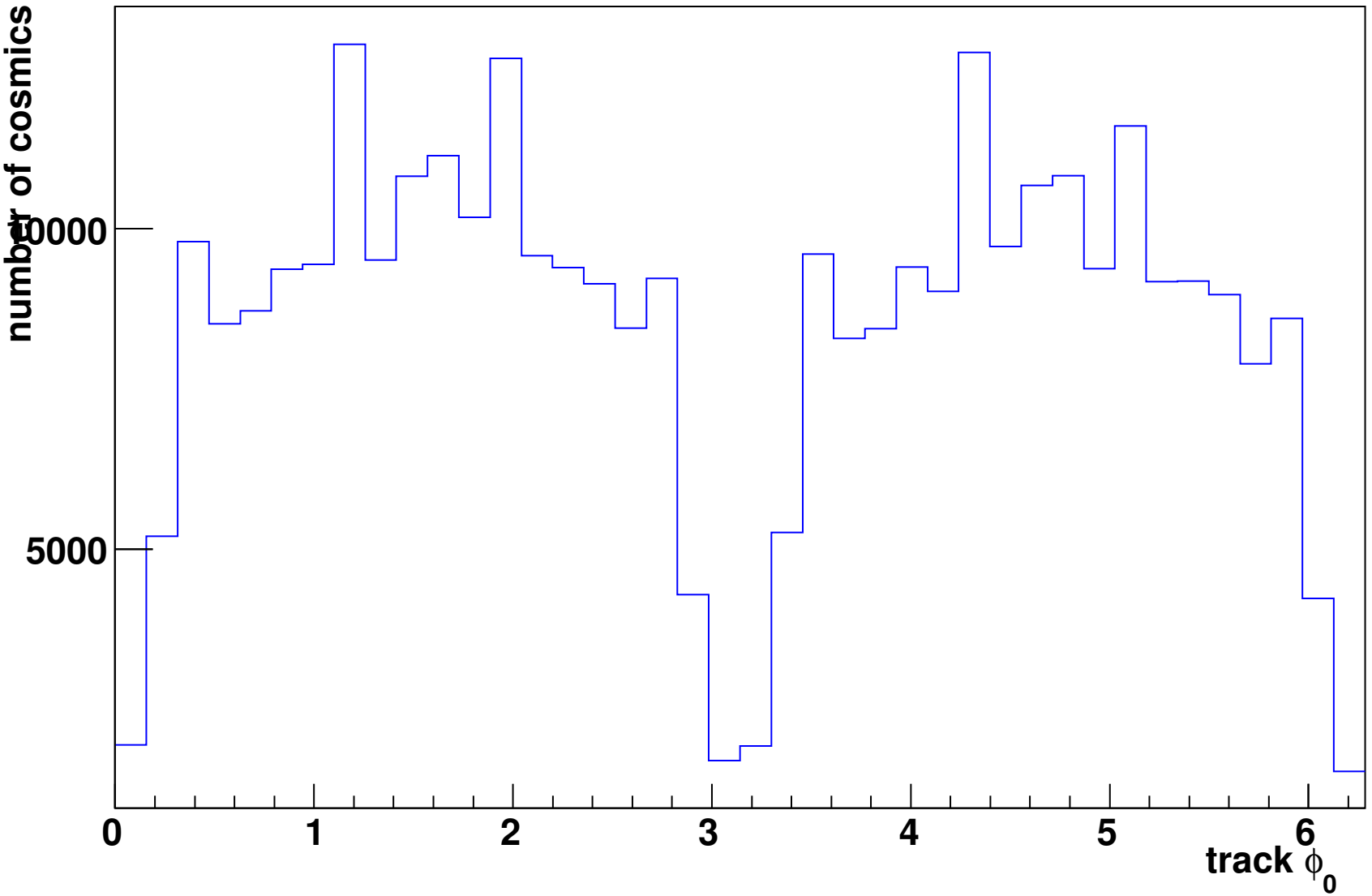

Entries 390857
Mean 0.99948
RMS 0.24288
Underflow 0
Overflow 2053
Integral 3.888e+05
Number of cosmics
40000
20000
0
0
0.2
0.6
0.8
1.4
1.6
1.8
2

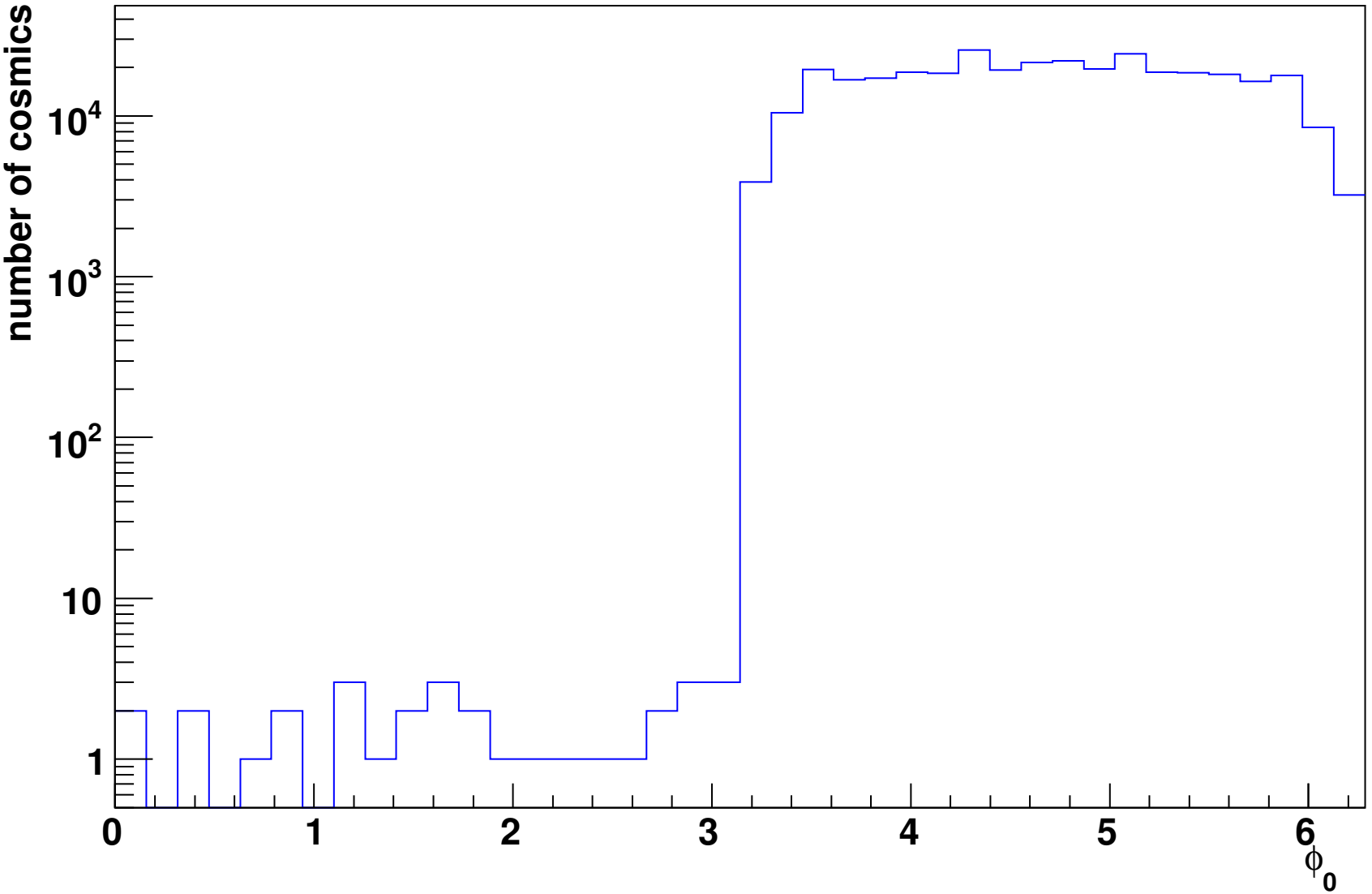

Entries 390857
Mean 2.2373
RMS 0.11672
Underflow 0
Overflow 52538
Integral 3.3832e+05
number of cosmics
40000
20000
0
0.5
1
1.5
2
2.5
3
3.5

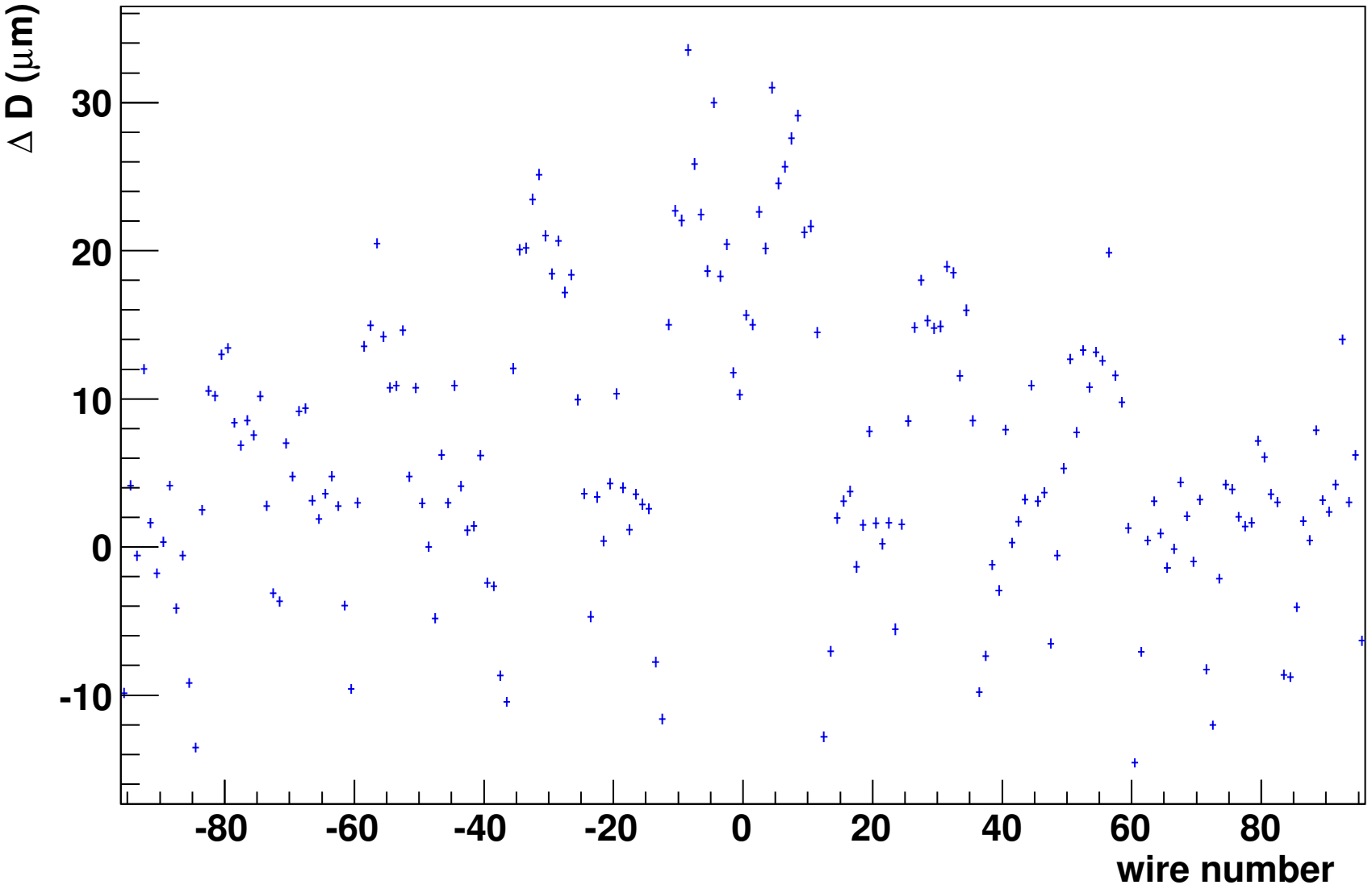
Entries 390857
number of ditracks
10^5
10^4
10^3
10^2
10
-0.5
0
0.5
1
1.5
2
3
4
4.5
ditrack type

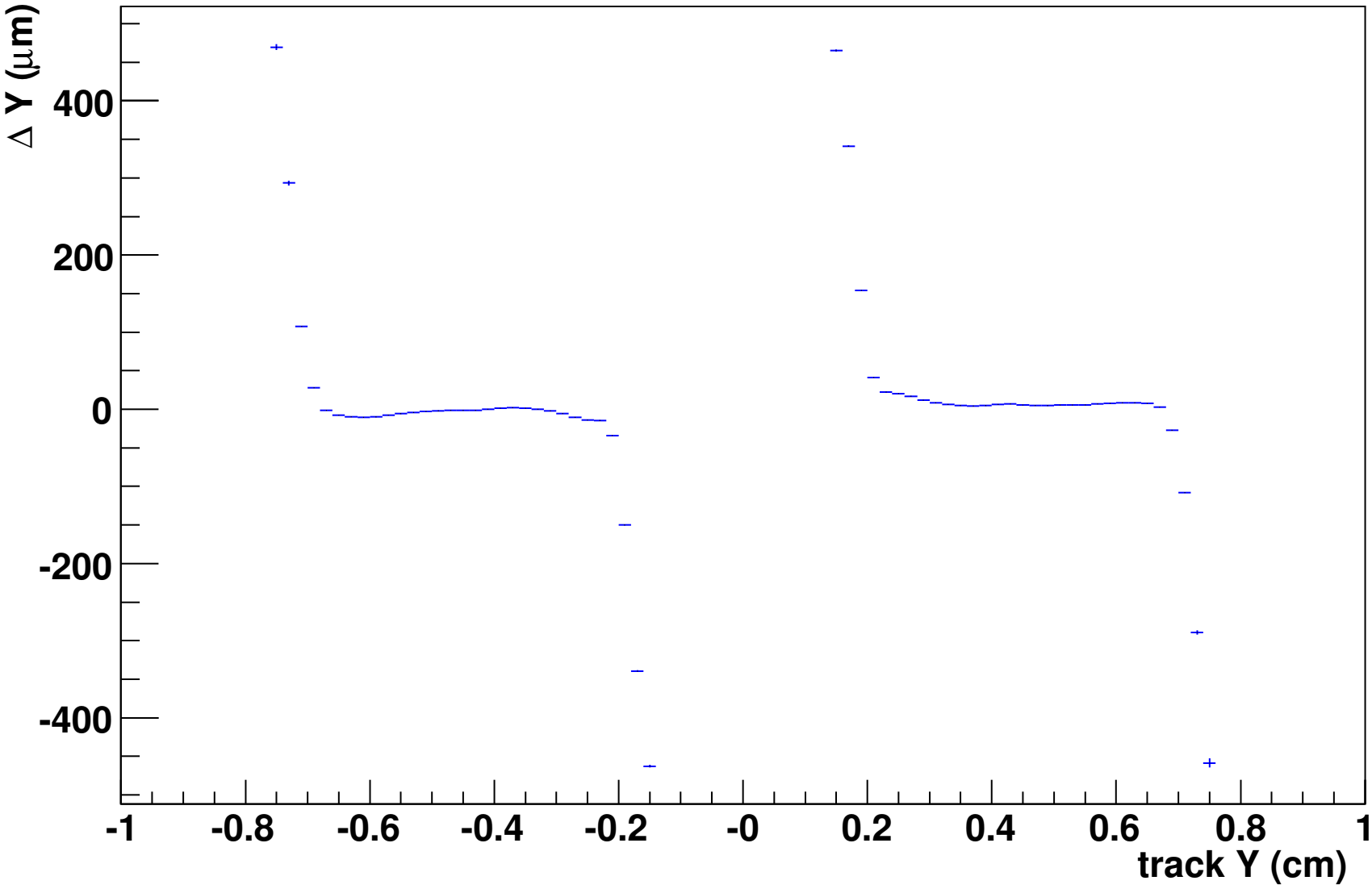

Entries 314140
Mean 186.02
RMS 6.5325
Underflow 7
Overflow 0
Integral 3.1413e+05
number of cosmics
40000
20000
0
120
140
160
180
200
number of COT hits on ditrack

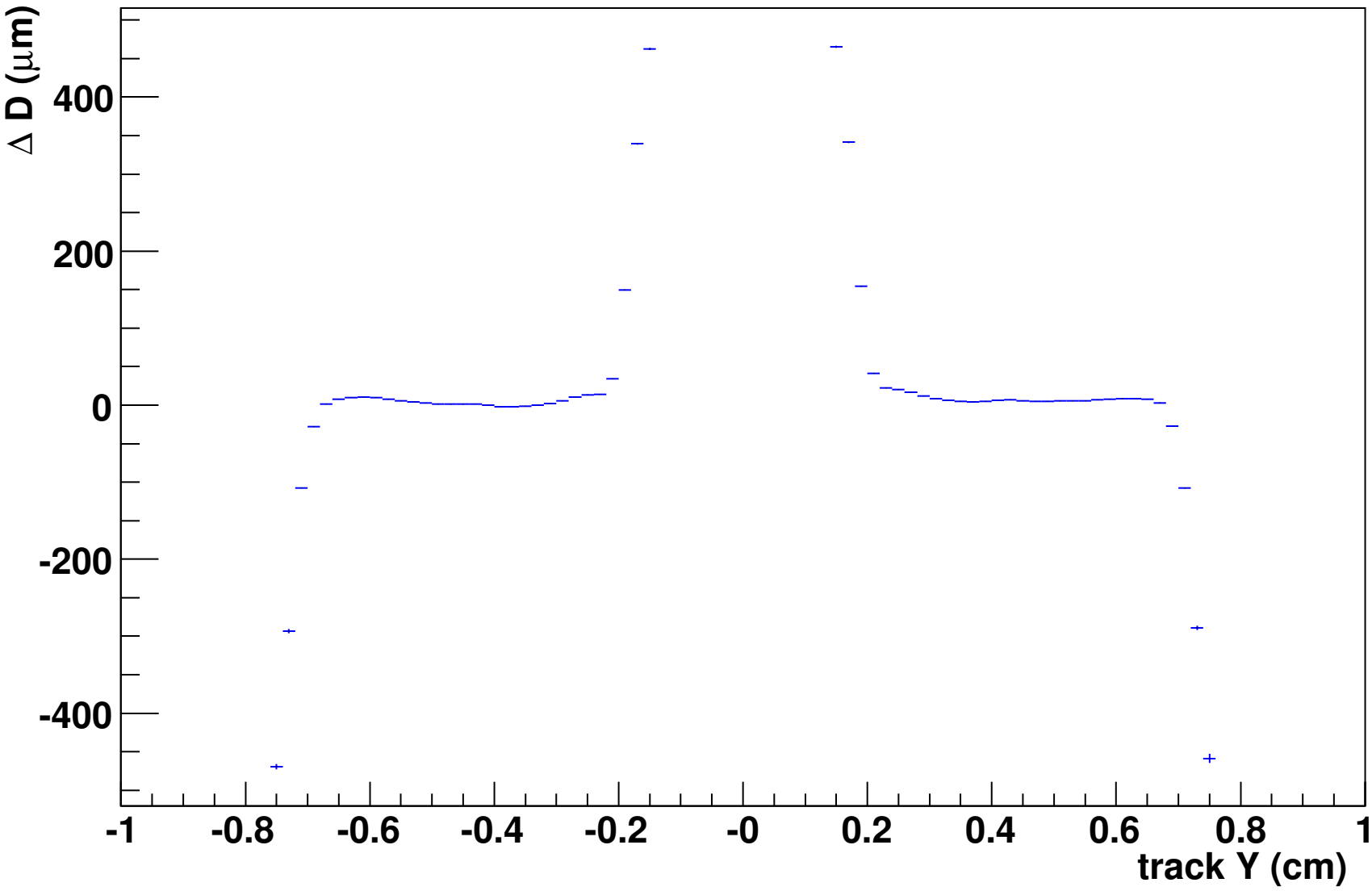

Entries 390857
Mean 273.29
RMS 61.954
Underflow 52519
Overflow 194
Integral 3.3814e+05
number of cosmics
10^5
10^4
10^3
10^2
0
100
200
300
400
500
600
$\Delta\,\chi^2$

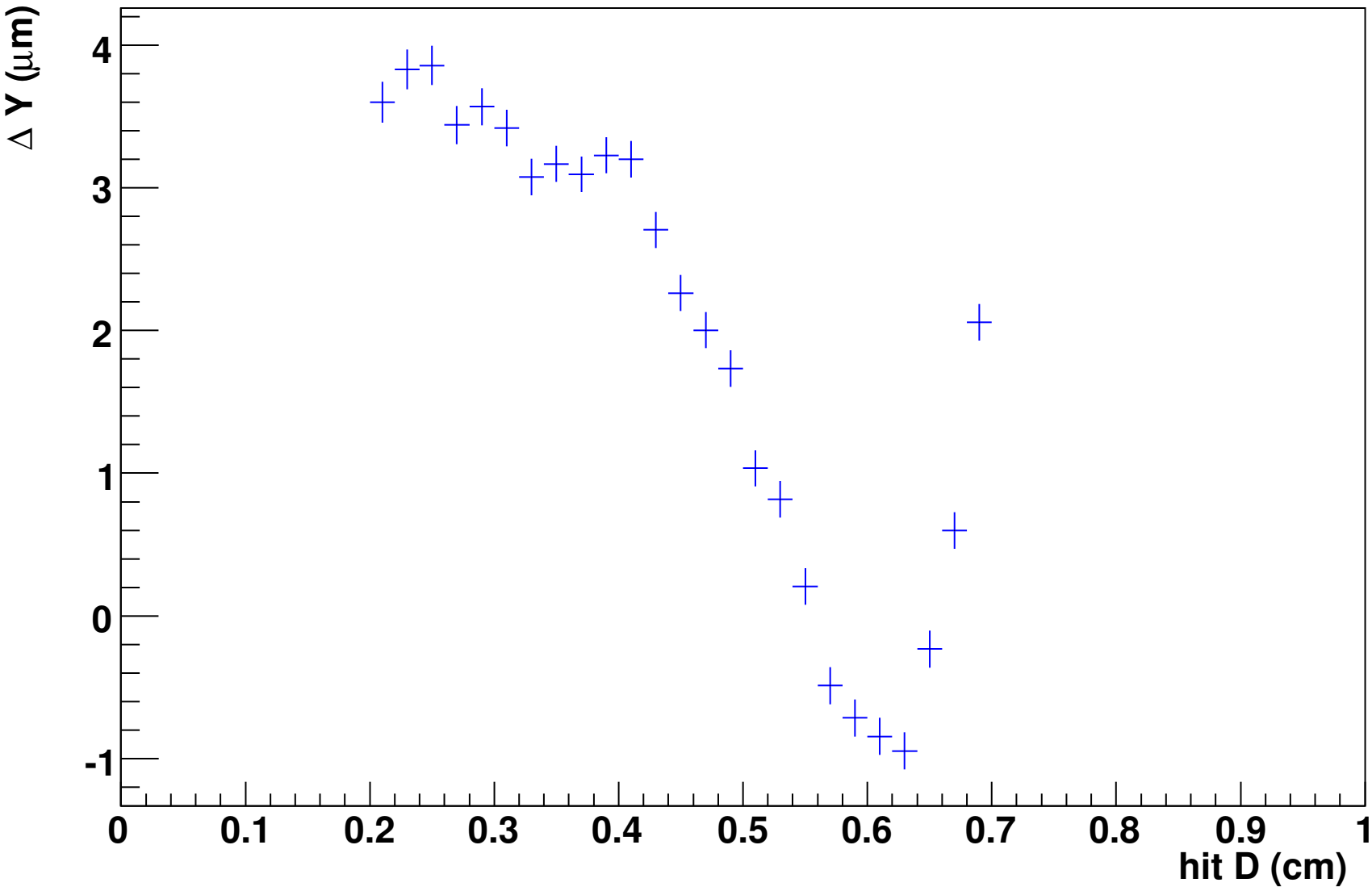

number of cosmics
10000
5000
0
1
2
3
4
5
6
track ϕ_0

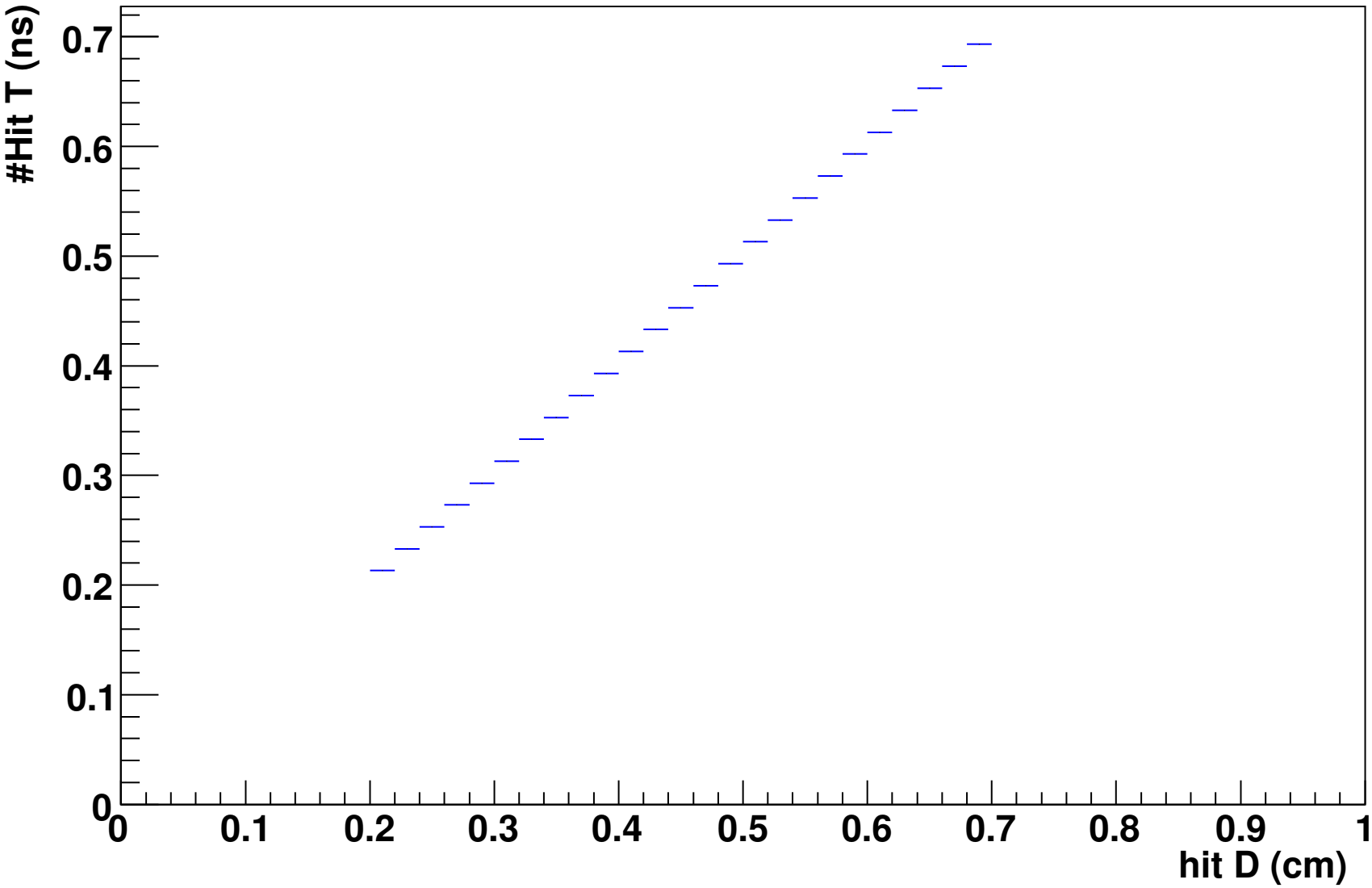

number of cosmics
10^4
10^3
10^2
10
1
0
1
2
3
4
5
6
ϕ_0

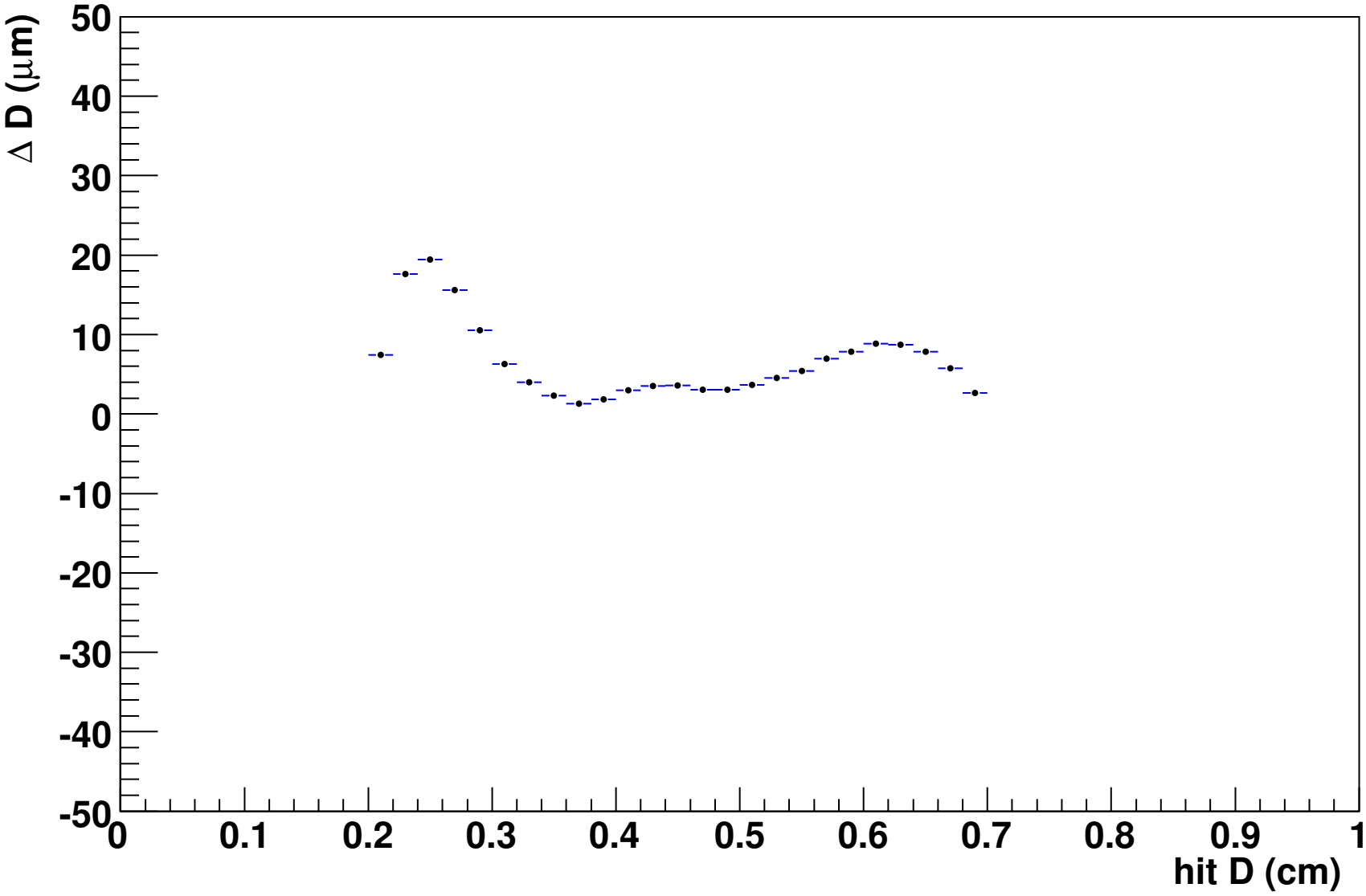

Δ D (μm)
30
20
10
0
-10
-80
-60
-40
-20
0
20
40
60
80
wire number

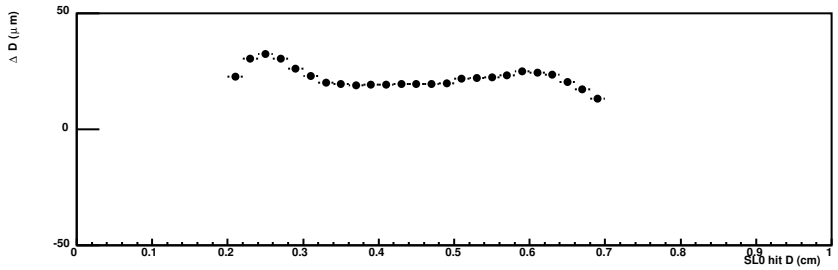

Δ Y (μm)
400
200
0
-200
-400
-1
-0.8
-0.6
-0.4
-0.2
-0
0.2
0.4
0.6
0.8
1
track Y (cm)

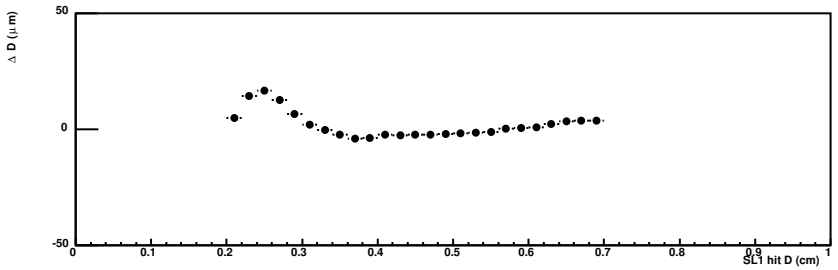

Δ D (μm)
400
200
0
-200
-400
-1
-0.8
-0.6
-0.4
-0.2
-0
0.2
0.4
0.6
0.8
1
track Y (cm)

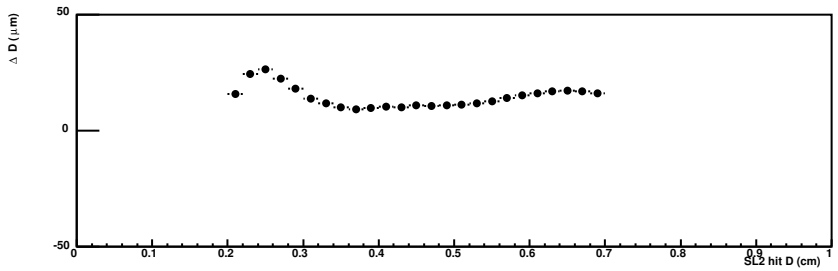

Δ Y (μm)
4
3
2
1
0
-1
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
hit D (cm)

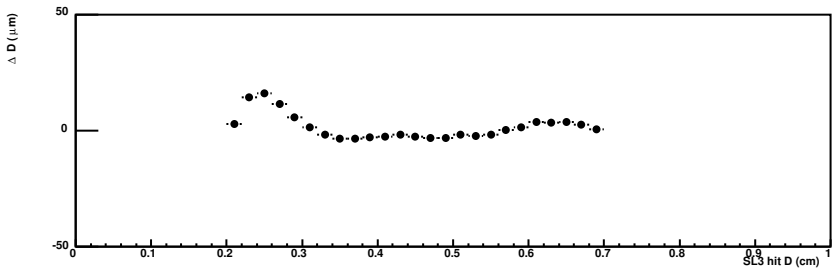

#Hit T (ns)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
hit D (cm)

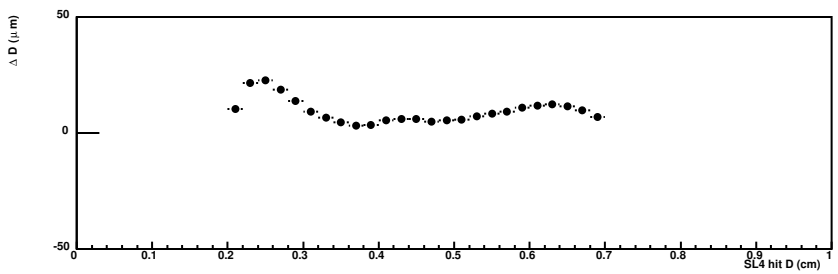

Δ D (μm)
50
40
30
20
10
0
-10
-20
-30
-40
-50
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
hit D (cm)

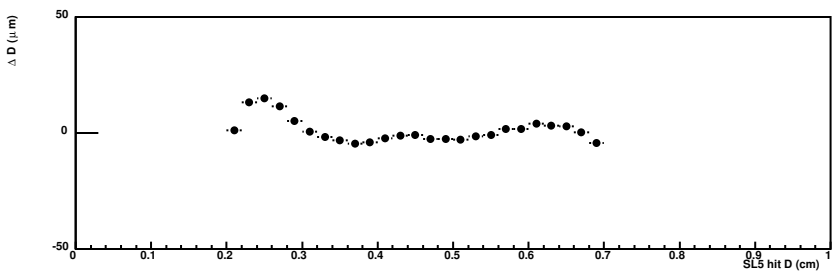

Δ D (μm)
50
0
-50
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
SL0 hit D (cm)

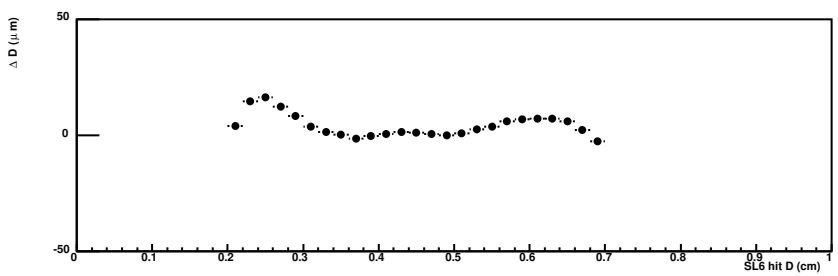

Δ D (μm)
50
0
-50
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
SL1 hit D (cm)

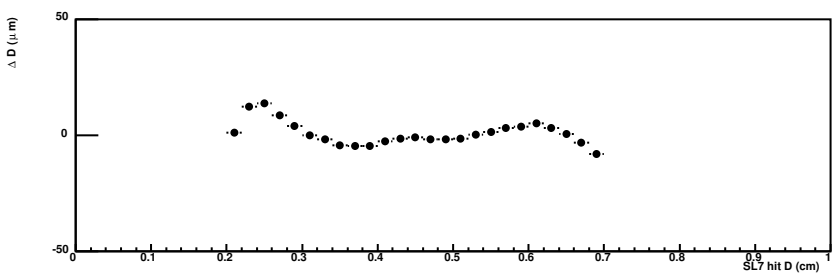

Δ D (μm)
50
0
-50
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
SL2 hit D (cm)

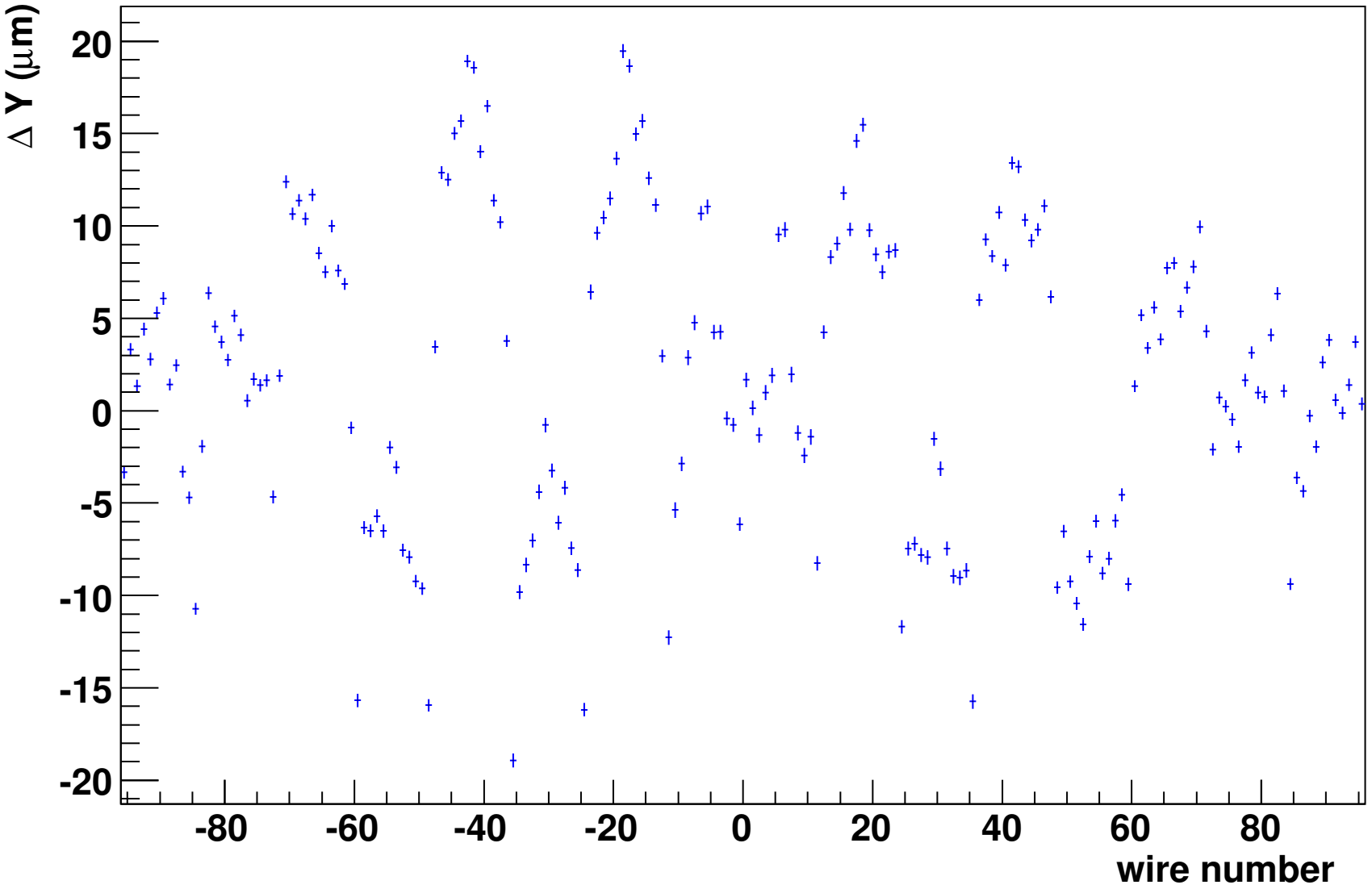

Δ D (μm)
50
0
-50
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
SL3 hit D (cm)

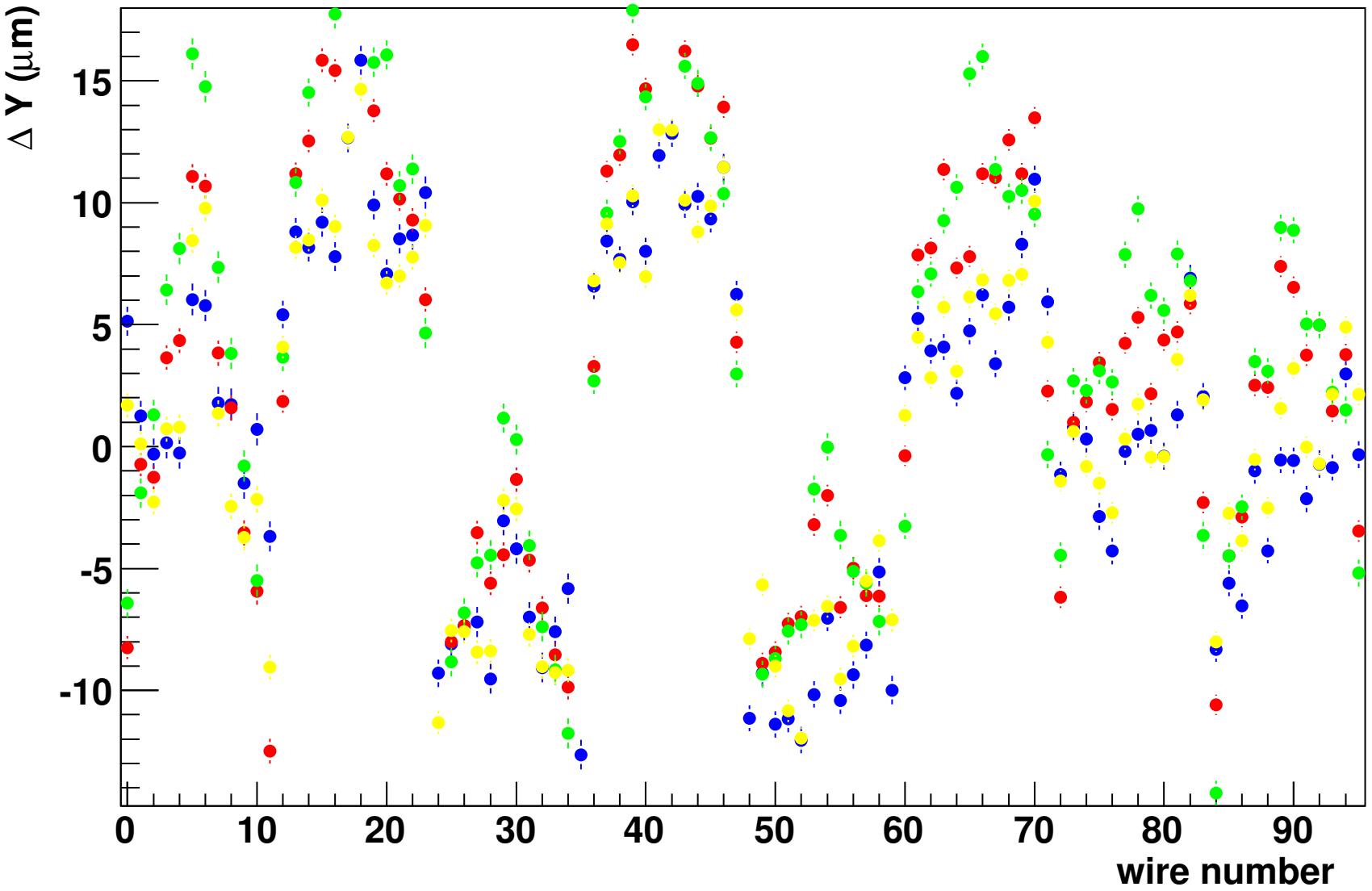

Δ D (μm)
50
0
-50
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
SL4 hit D (cm)

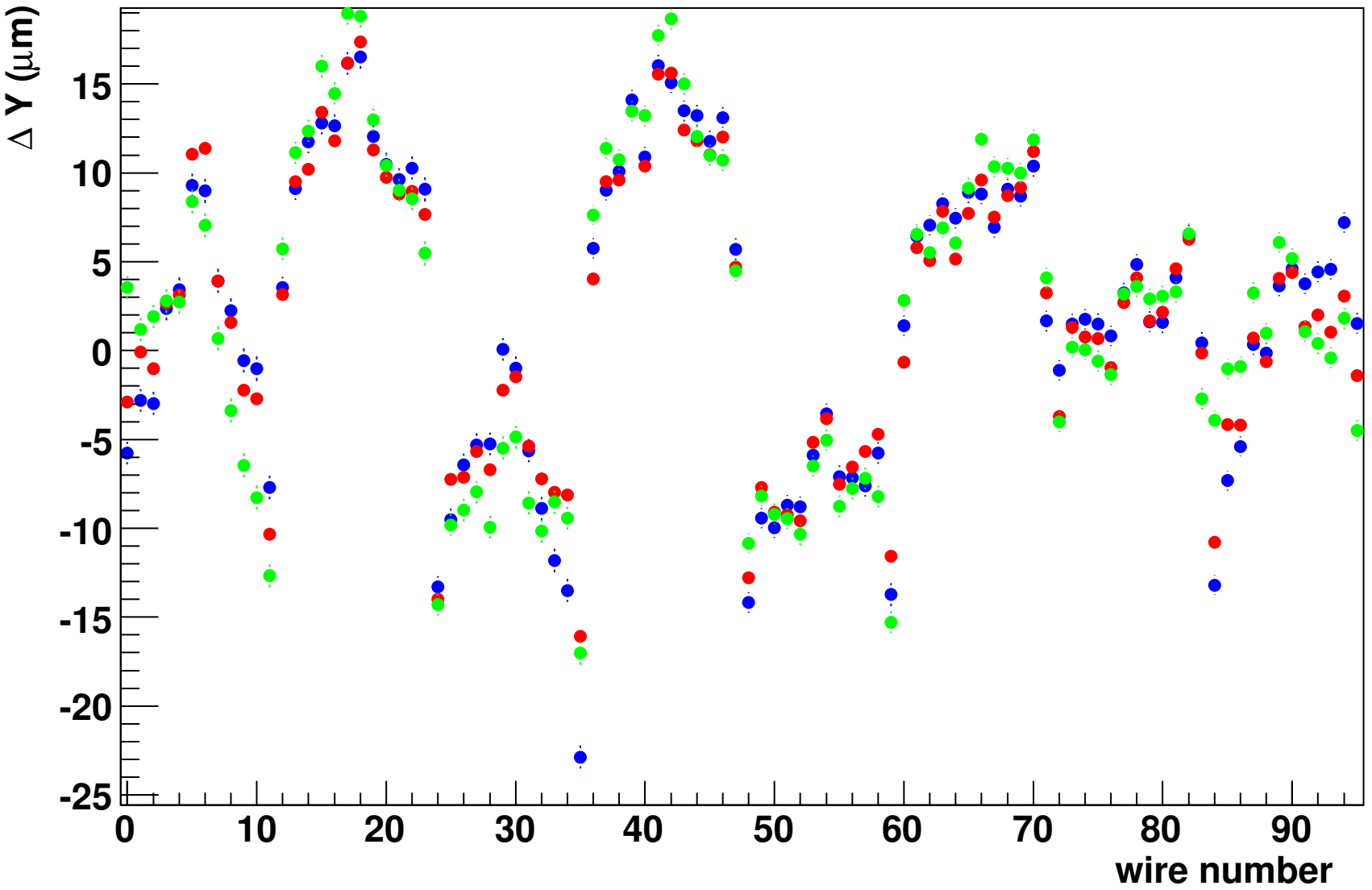

Δ D (μm)
50
0
-50
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
SL5 hit D (cm)

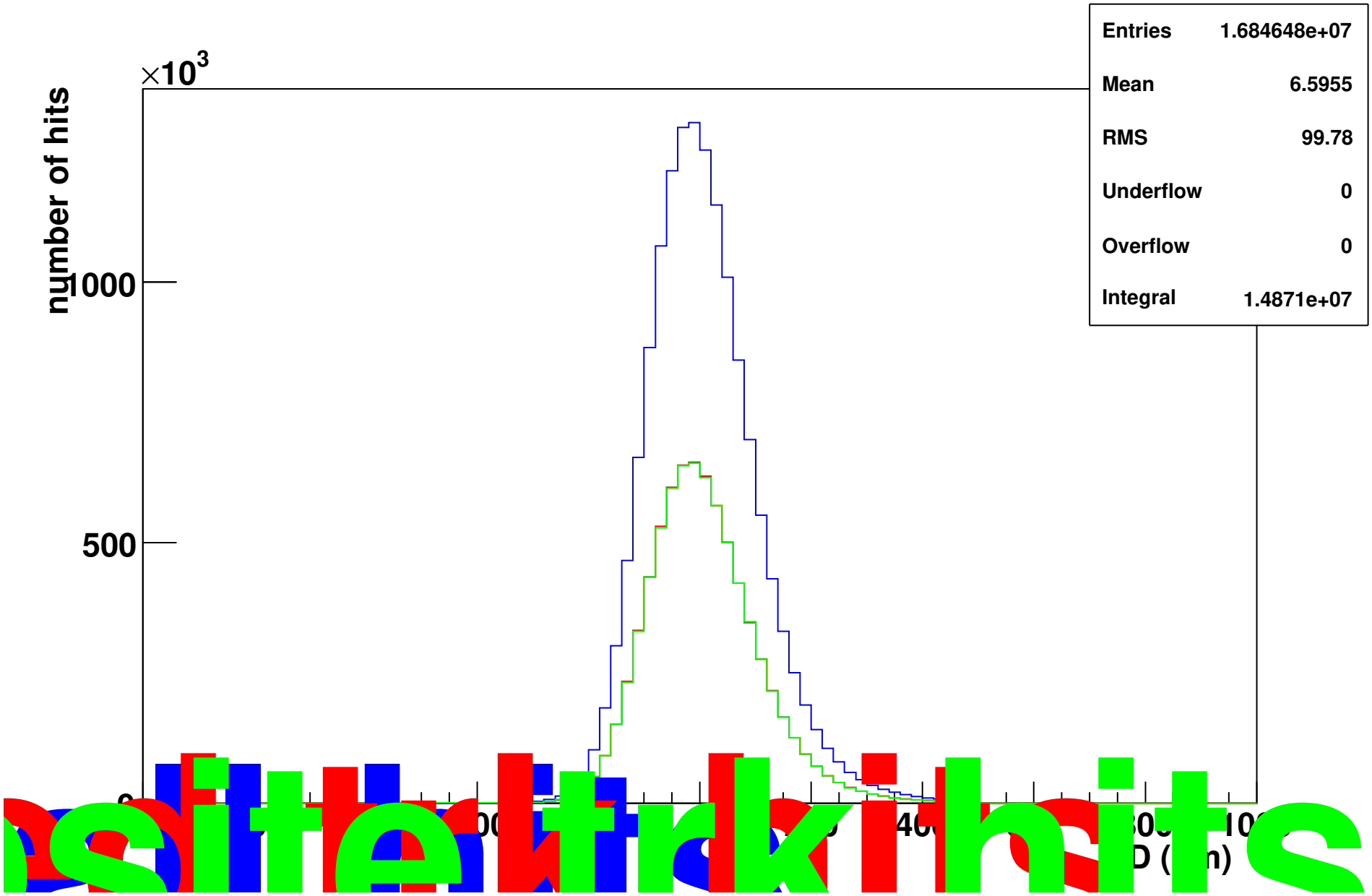

Δ D (μm)
50
0
-50
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
SL6 hit D (cm)


Δ D (μm)
50
0
-50
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
SL7 hit D (cm)

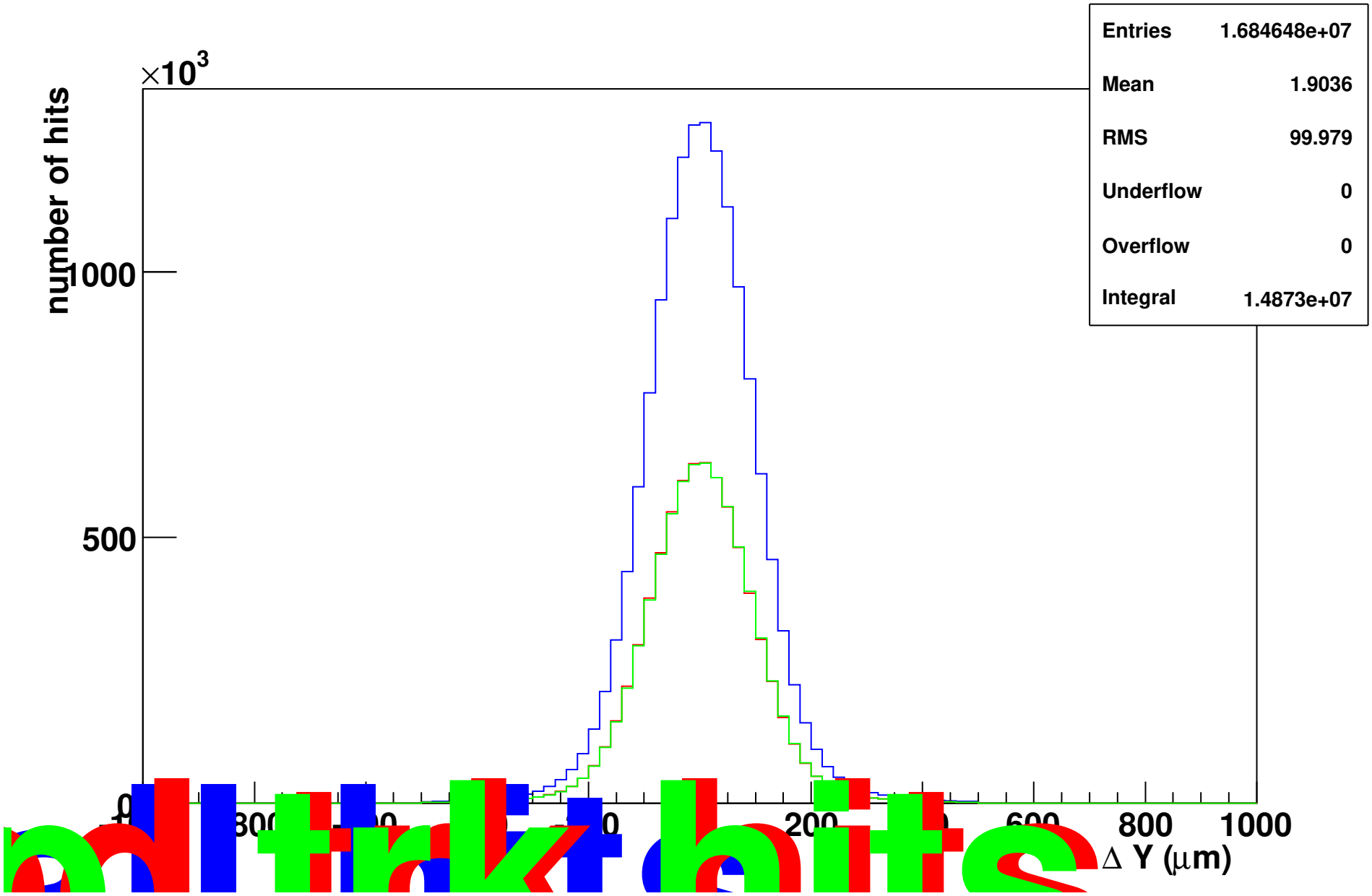

Δ Y (μm)
20
15
10
5
0
-5
-10
-15
-20
-80
-60
-40
-20
0
20
40
60
80
wire number

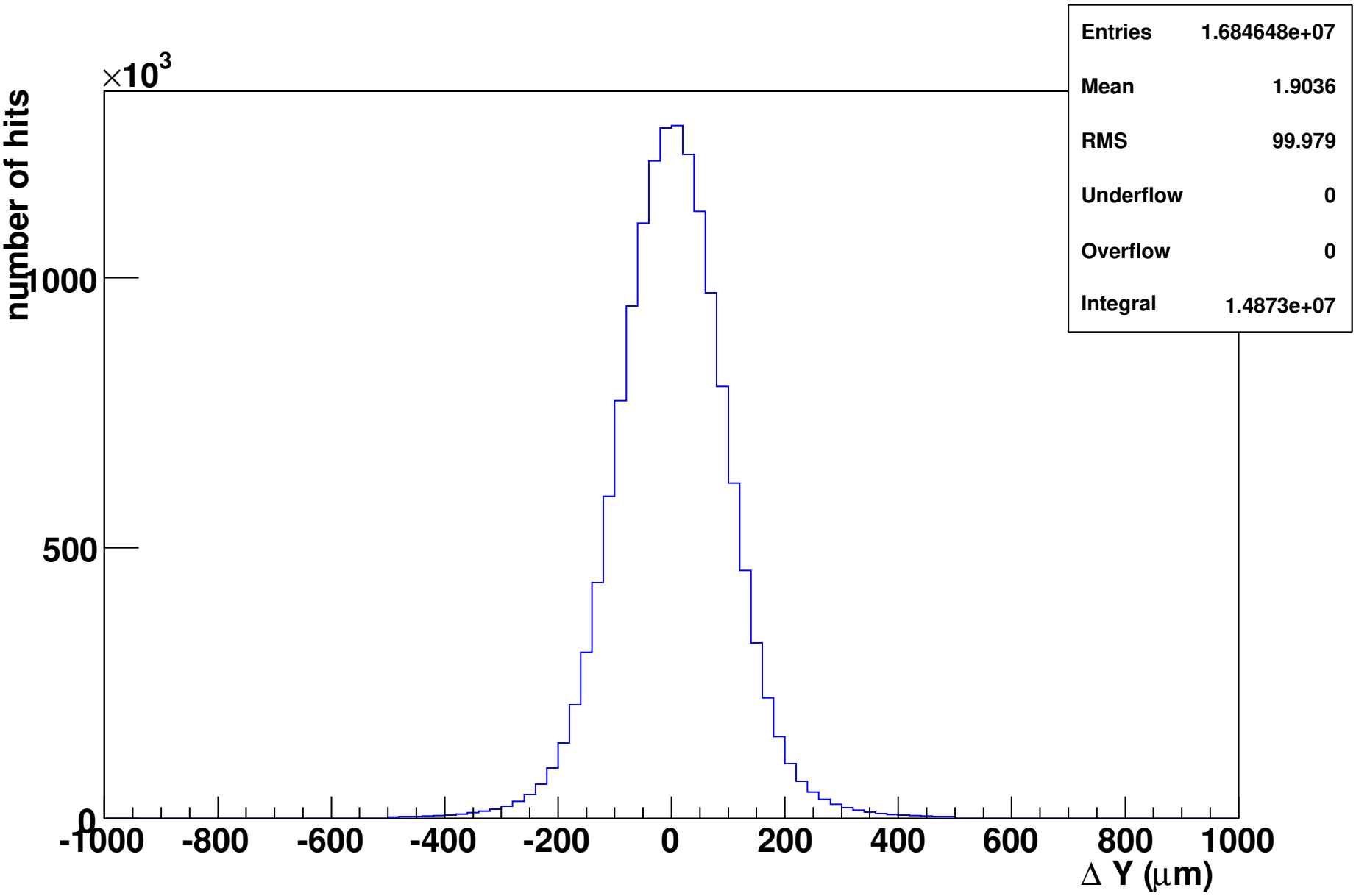

Δ Y (μm)
15
10
5
0
-5
-10
0
10
20
30
40
50
60
70
80
90
wire number


Δ Y (μm)
15
10
5
0
-5
-10
-15
-20
-25
0
10
20
30
40
50
60
70
80
90
wire number



Entries 1.684648e+07
Mean 6.5955
RMS 99.78
Underflow 0
Overflow 0
Integral 1.4871e+07
number of hits
×10^3
1000
500


Entries 1.684648e+07
Mean 1.9036
RMS 99.979
Underflow 0
Overflow 0
Integral 1.4873e+07
number of hits
×10^3
1000
500
0
800
200
600
800
1000
Δ Y (μm)
all track hits


Entries 1.684648e+07
Mean 1.9036
RMS 99.979
Underflow 0
Overflow 0
Integral 1.4873e+07
number of hits
×10^3
1000
500
0
-1000
-800
-600
-400
-200
0
200
400
600
800
1000
Δ Y (μm)