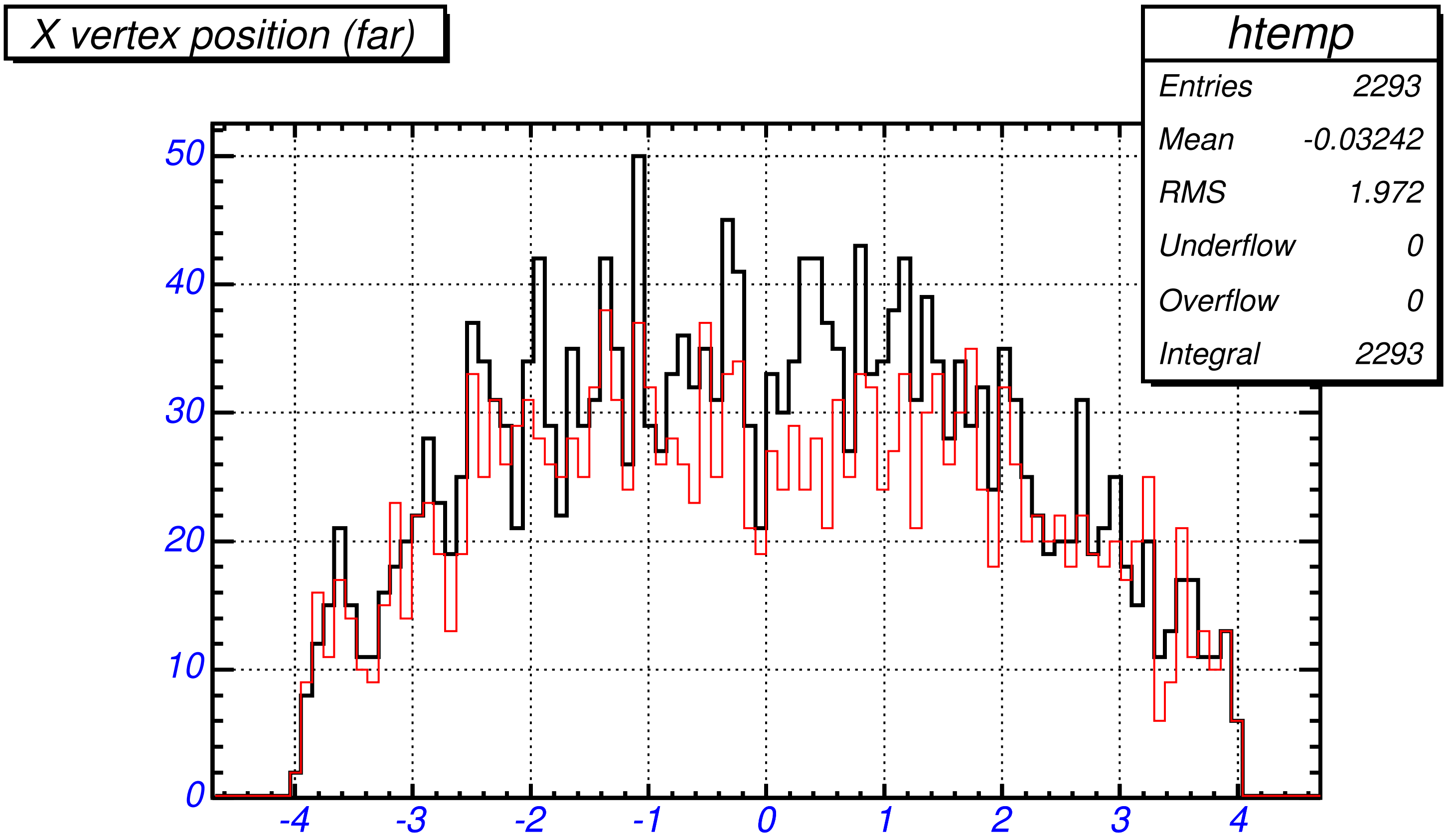
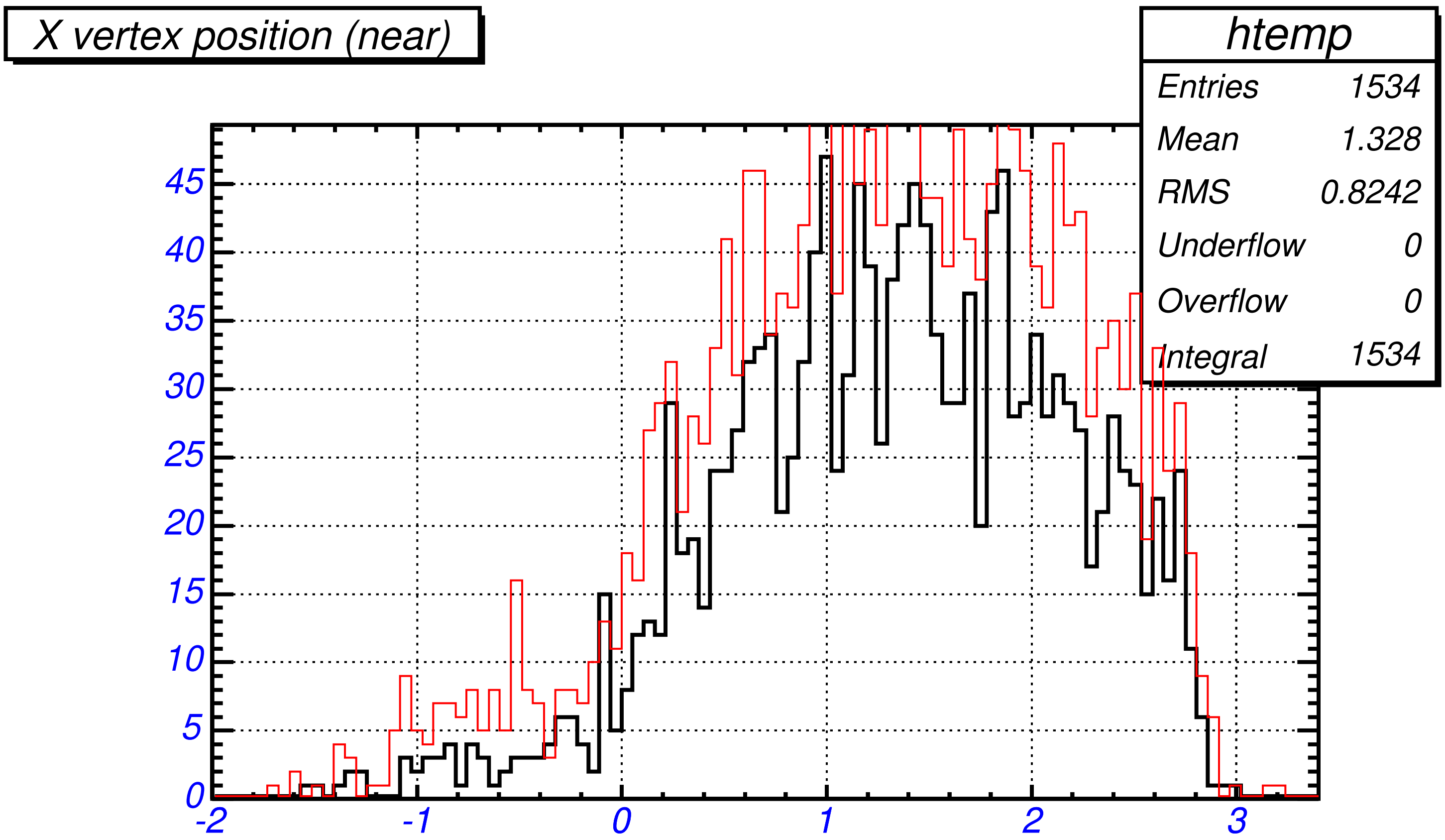
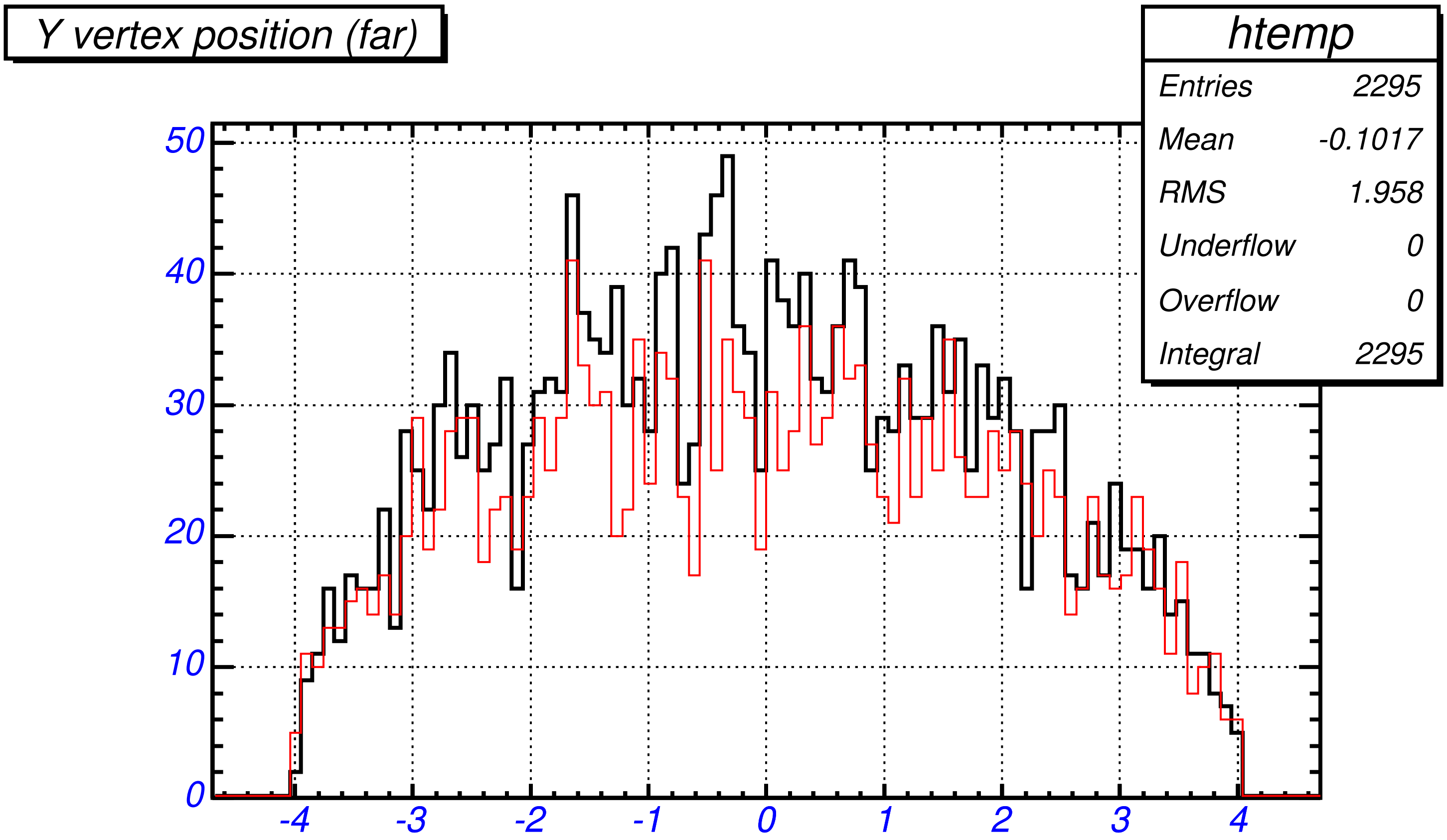
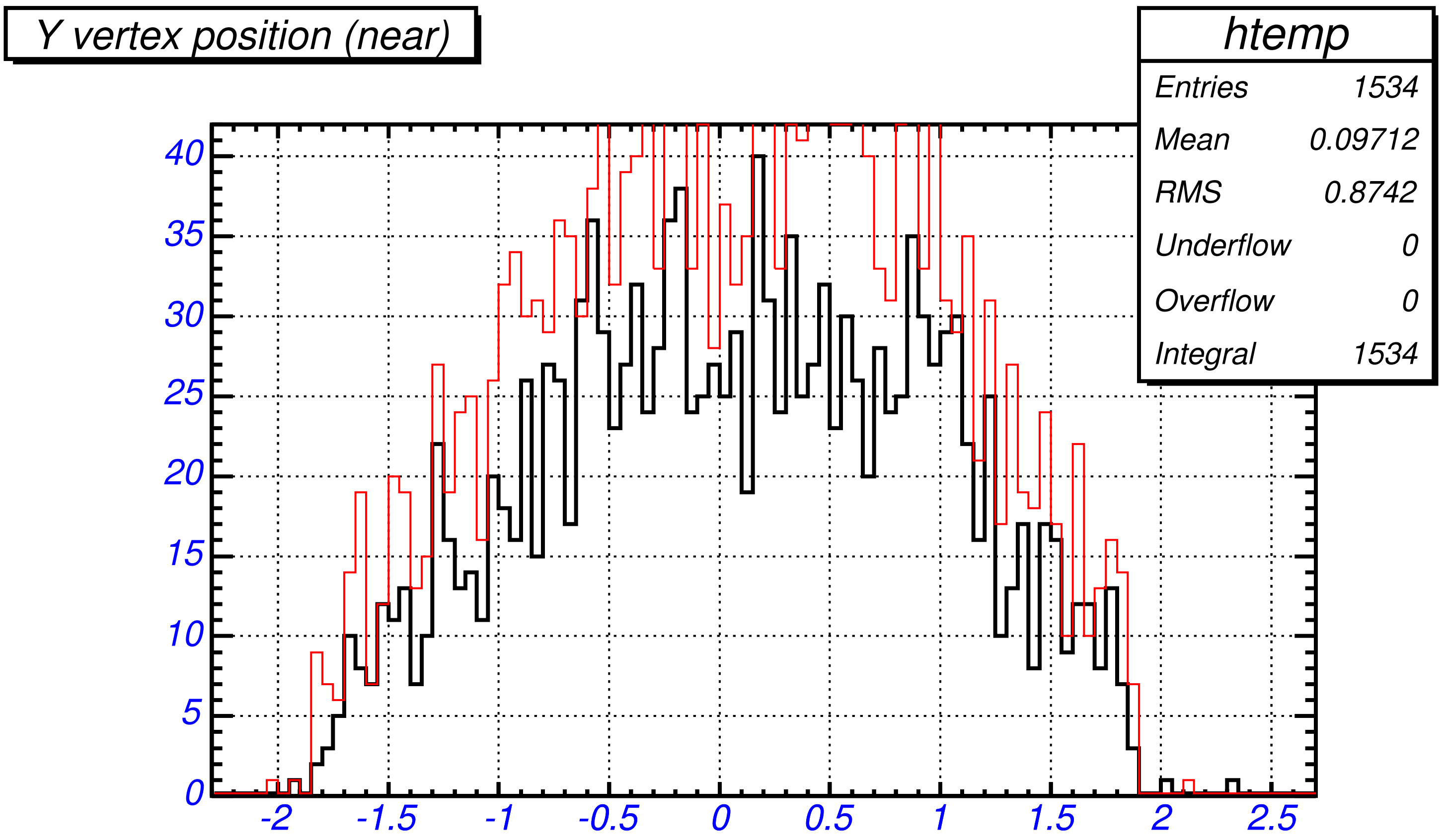
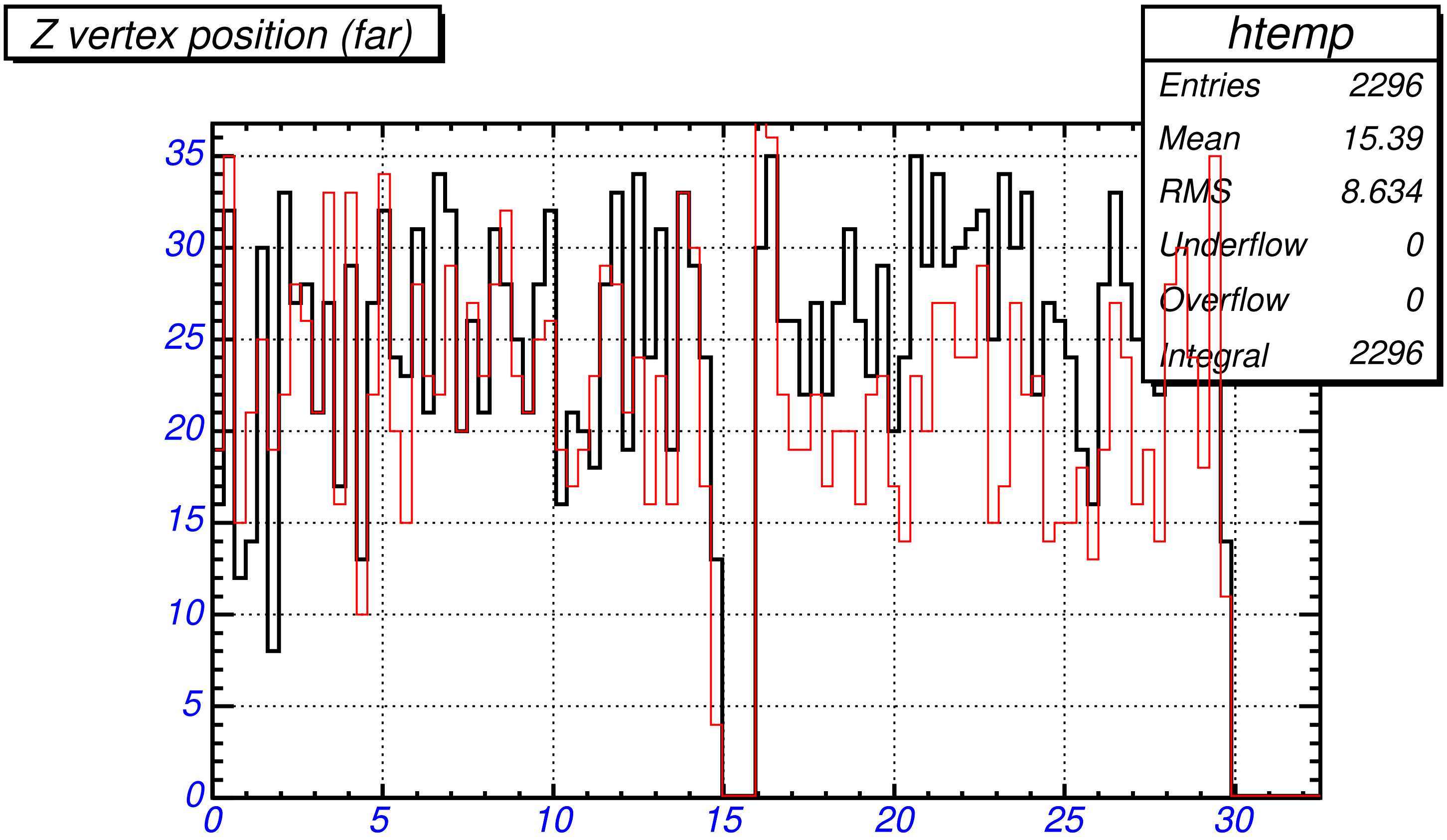
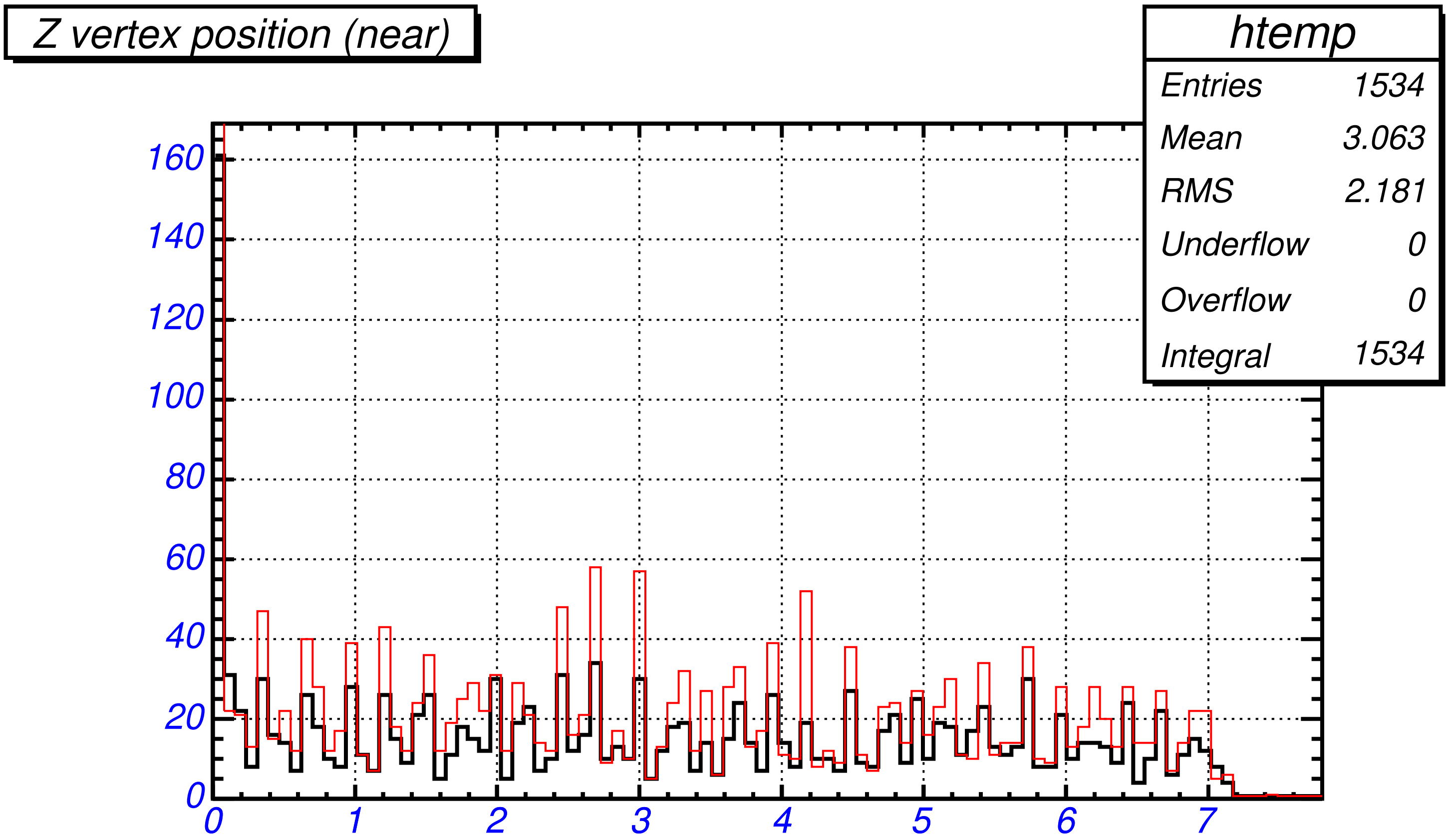

X vertex position (far)
htemp
Entries 2293
Mean -0.03242
RMS 1.972
Underflow 0
Overflow 0
Integral 2293
0
10
20
30
40
50
-4
-3
-2
-1
0
1
2
3
4

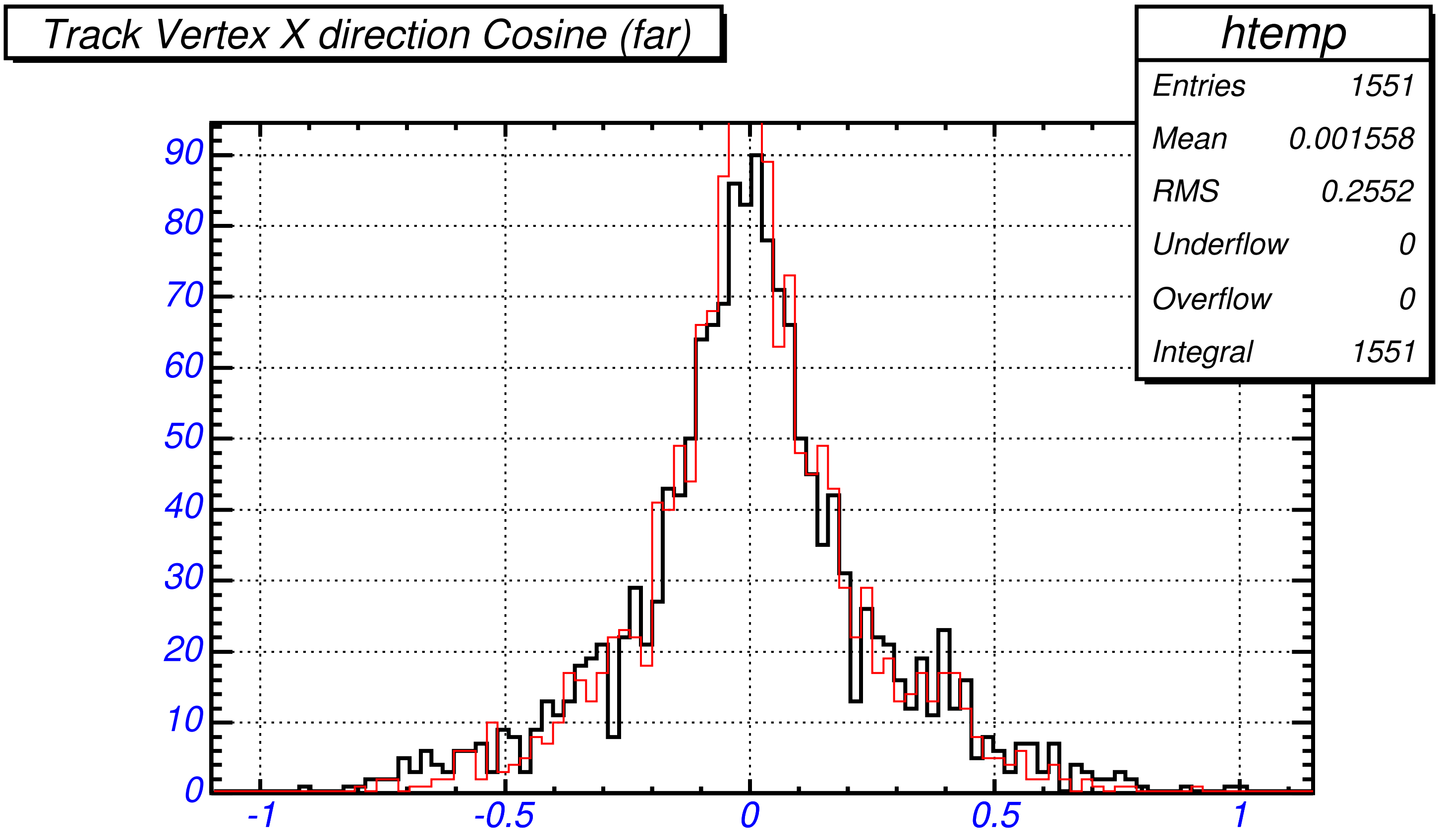

X vertex position (near)
htemp
Entries 1534
Mean 1.328
RMS 0.8242
Underflow 0
Overflow 0
Integral 1534
0
5
10
15
20
25
30
35
40
45
-2
-1
0
1
2
3


Y vertex position (far)
htemp
Entries 2295
Mean -0.1017
RMS 1.958
Underflow 0
Overflow 0
Integral 2295
0
10
20
30
40
50
-4
-3
-2
-1
0
1
2
3
4

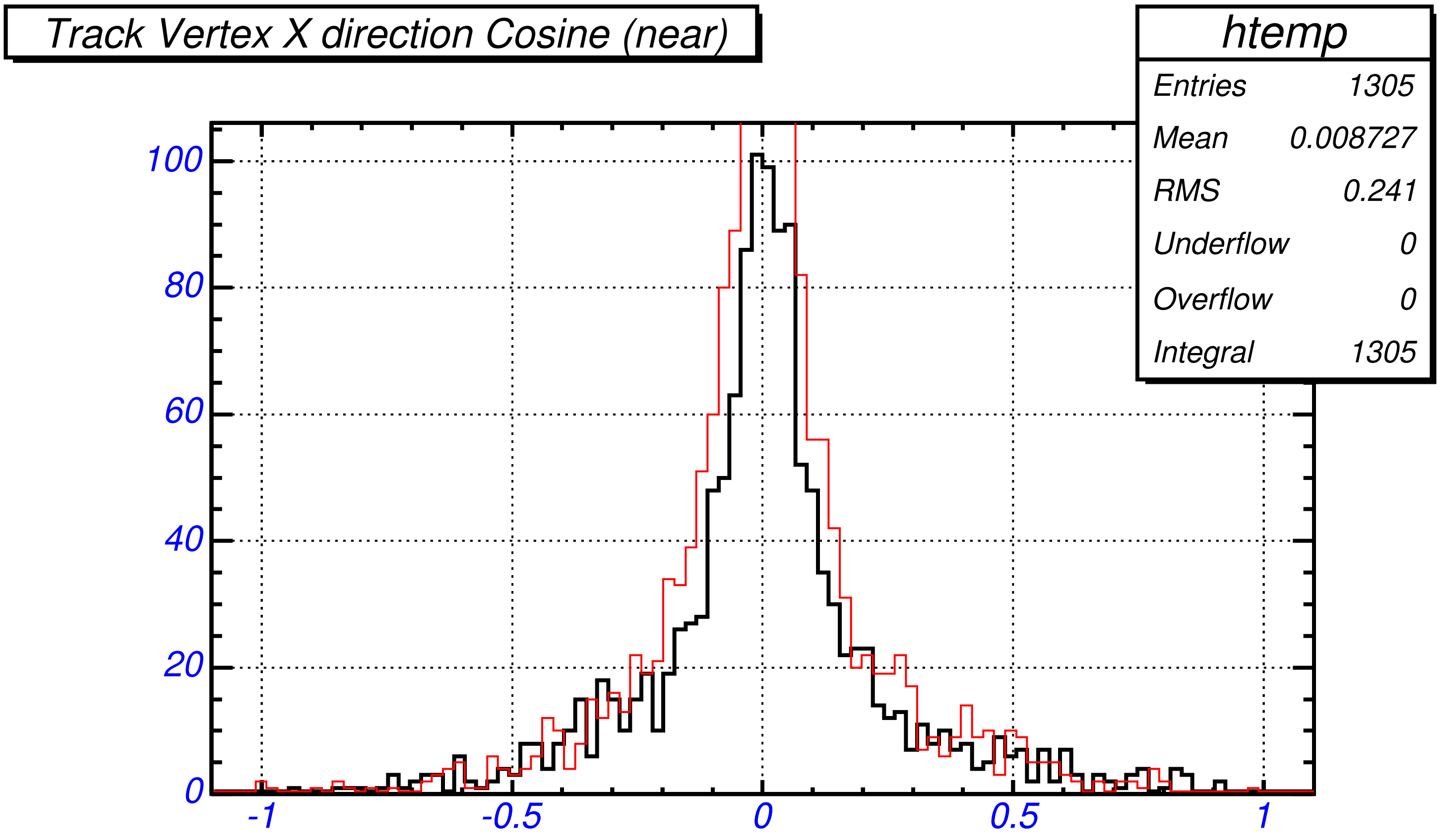

Y vertex position (near)
htemp
Entries 1534
Mean 0.09712
RMS 0.8742
Underflow 0
Overflow 0
Integral 1534
0
5
10
15
20
25
30
35
40
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
2.5


Z vertex position (far)
htemp
Entries 2296
Mean 15.39
RMS 8.634
Underflow 0
Overflow 0
Integral 2296
0
5
10
15
20
25
30
35
0
5
10
15
20
25
30

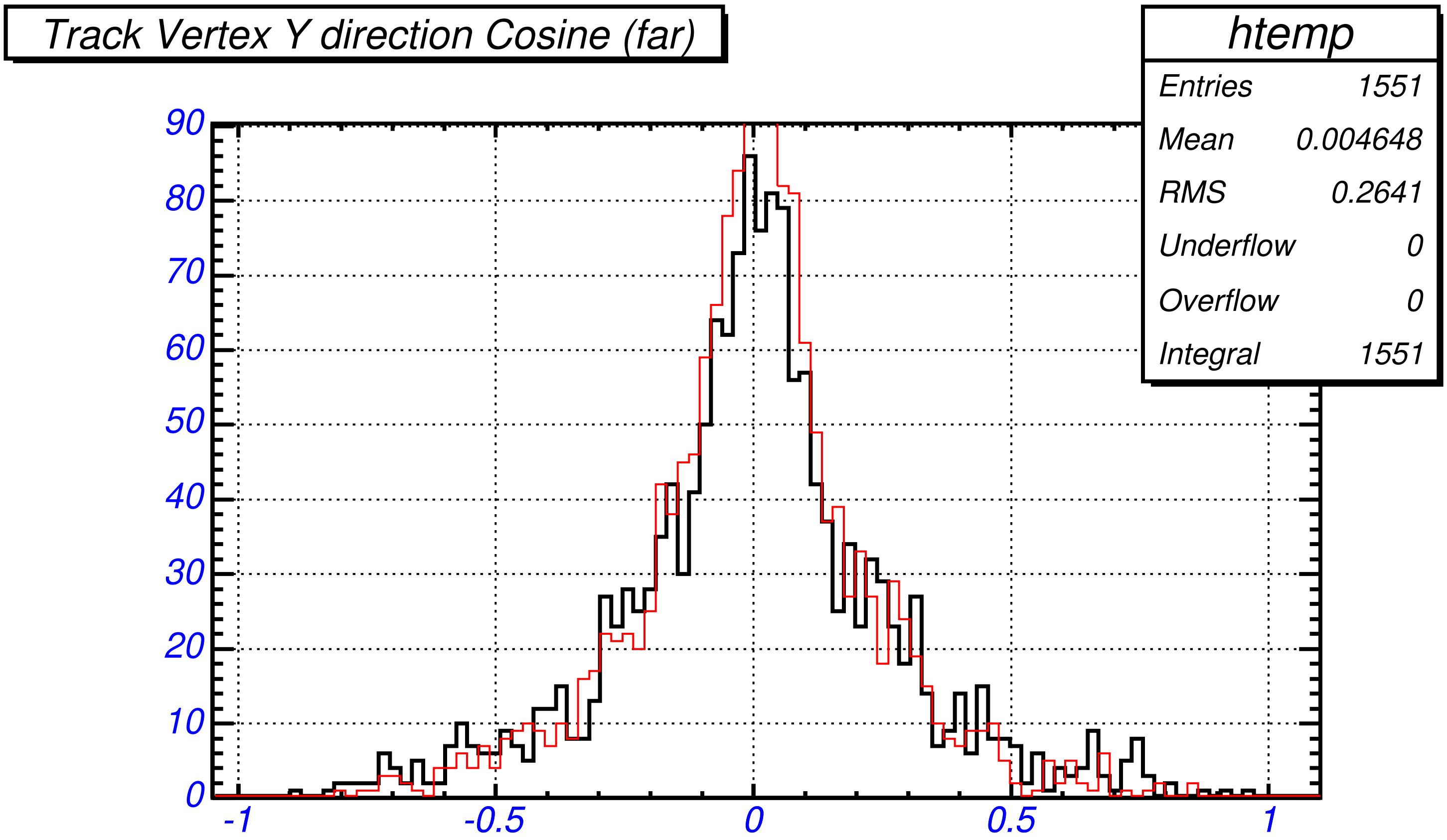

Z vertex position (near)
htemp
Entries 1534
Mean 3.063
RMS 2.181
Underflow 0
Overflow 0
Integral 1534
0
20
40
60
80
100
120
140
160
0
1
2
3
4
5
6
7

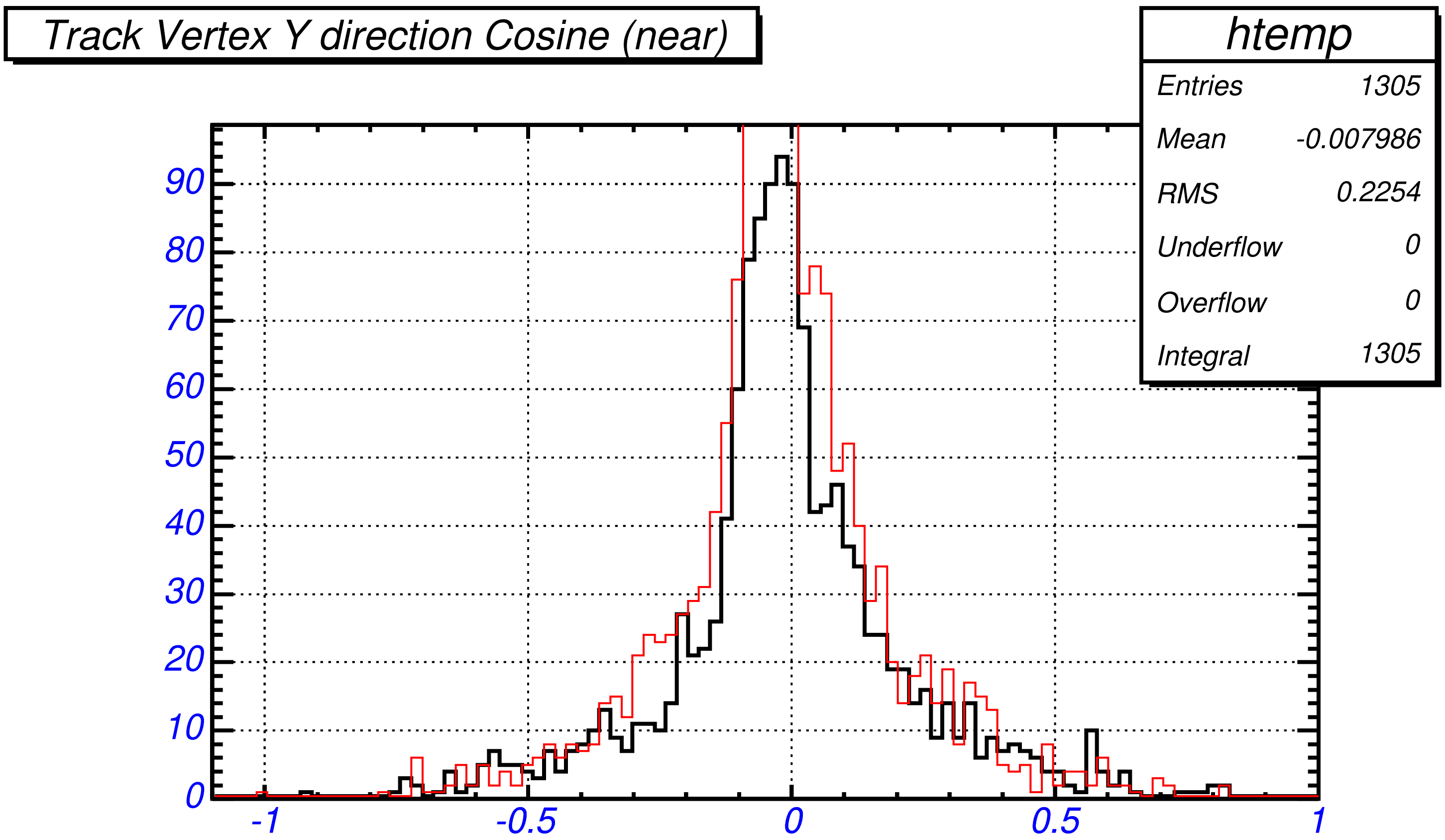


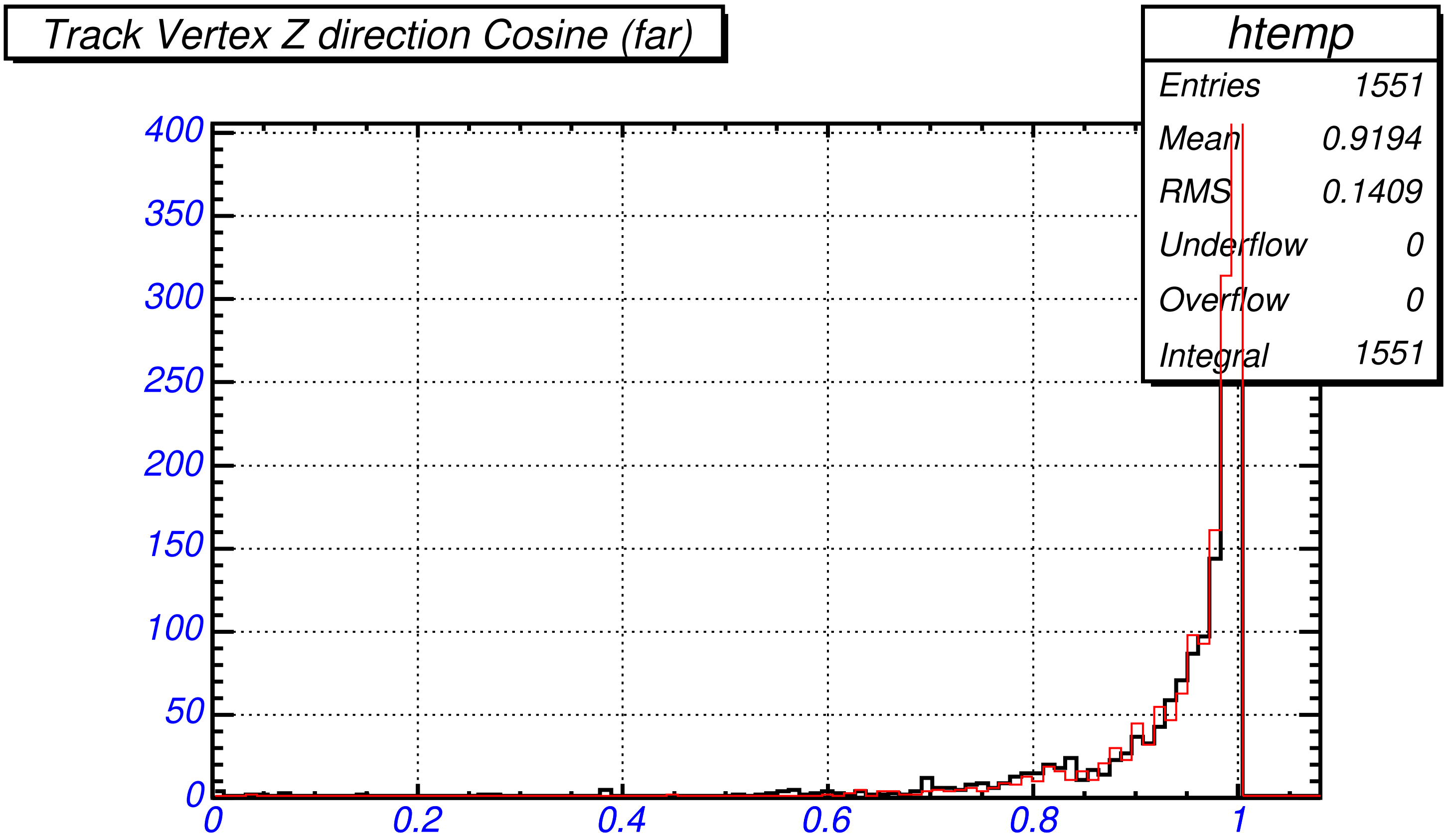
Track Vertex X direction Cosine (far)
htemp
Entries 1551
Mean 0.001558
RMS 0.2552
Underflow 0
Overflow 0
Integral 1551
90
80
70
60
50
40
30
20
10
0
-1
-0.5
0
0.5
1



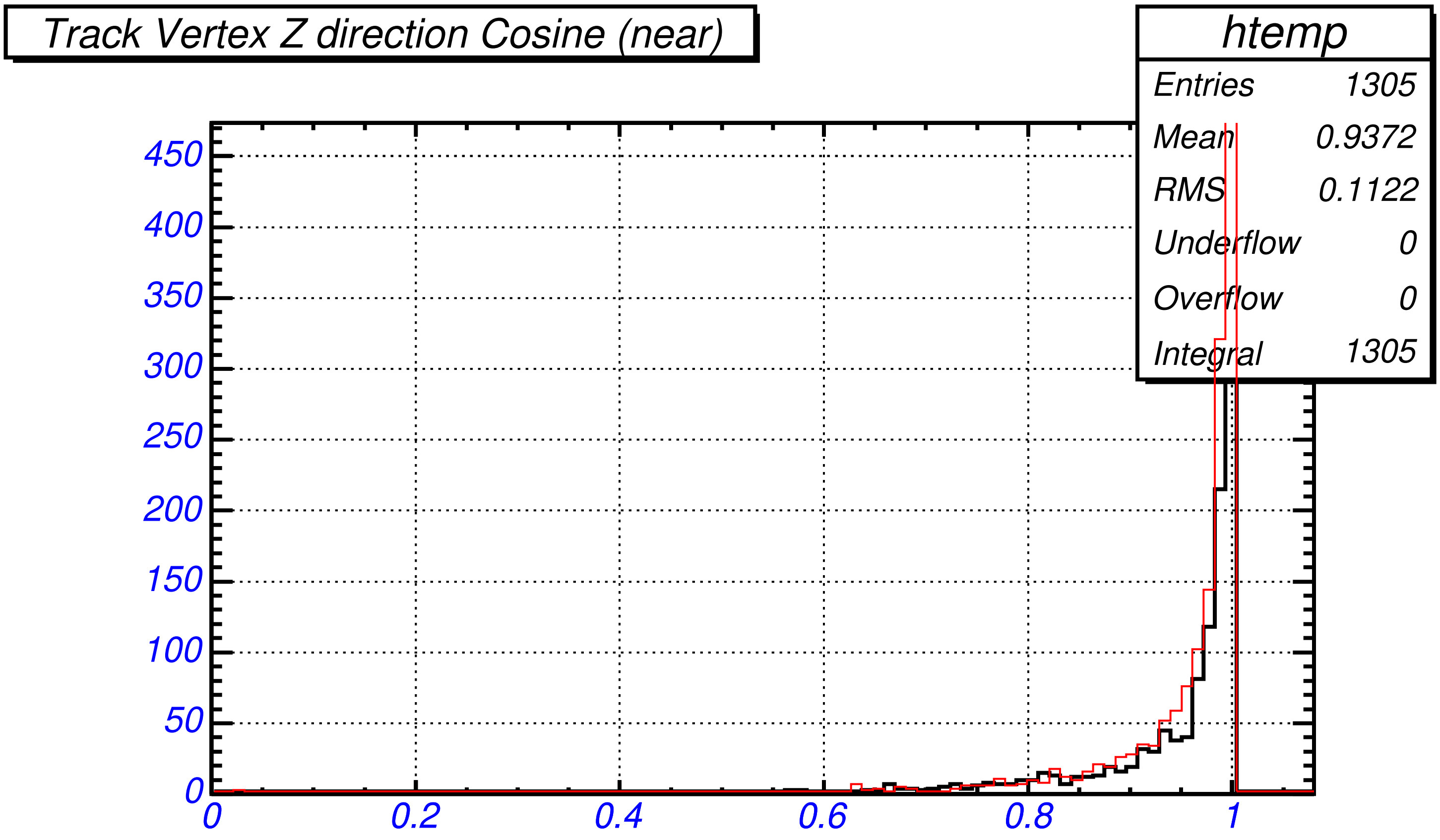
Track Vertex X direction Cosine (near)
htemp
Entries 1305
Mean 0.008727
RMS 0.241
Underflow 0
Overflow 0
Integral 1305
100
80
60
40
20
0
-1
-0.5
0
0.5
1


Track Vertex Y direction Cosine (far)
htemp
Entries 1551
Mean 0.004648
RMS 0.2641
Underflow 0
Overflow 0
Integral 1551
90
80
70
60
50
40
30
20
10
0
-1
-0.5
0
0.5
1

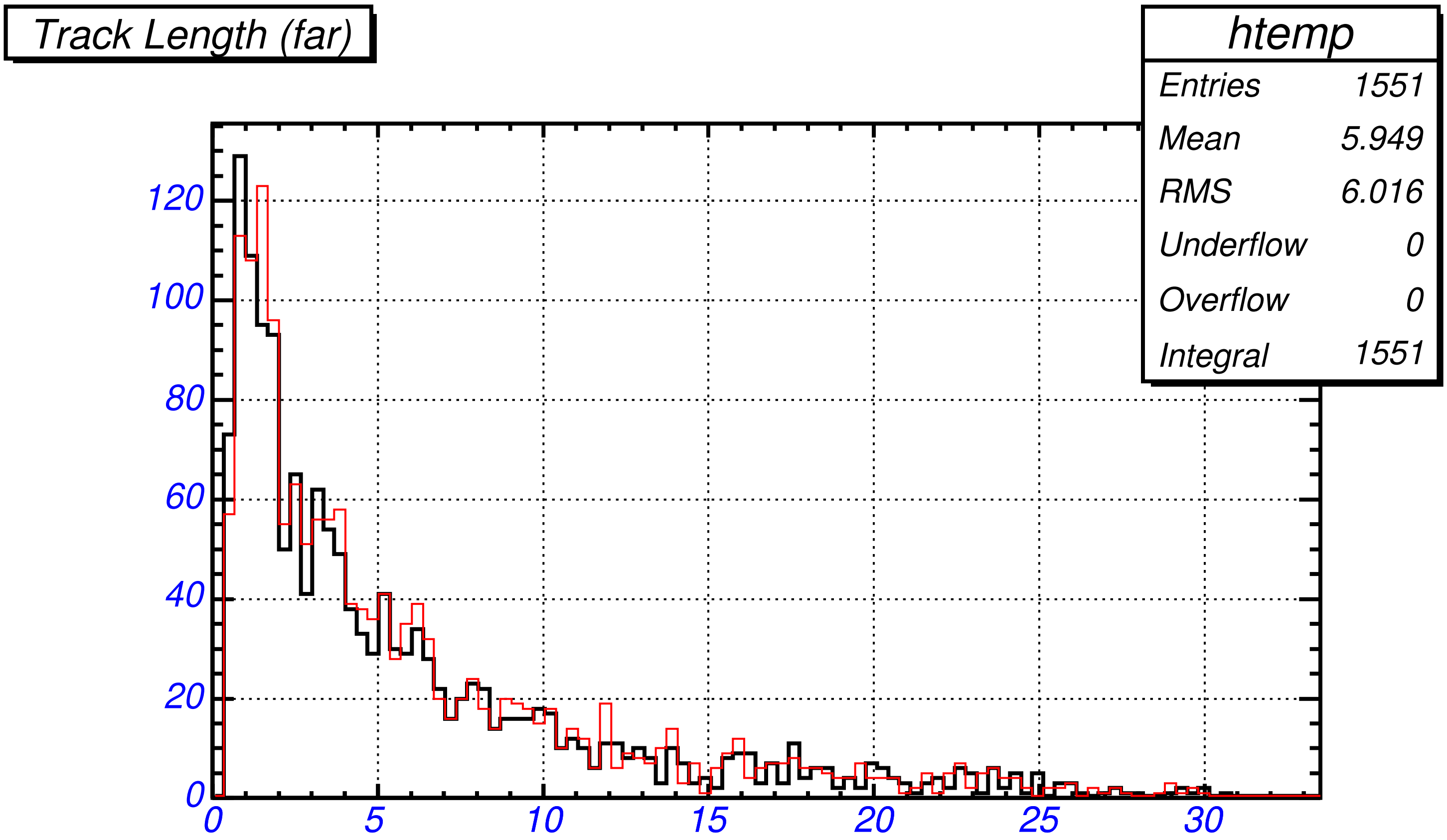

Track Vertex Y direction Cosine (near)
htemp
Entries 1305
Mean -0.007986
RMS 0.2254
Underflow 0
Overflow 0
Integral 1305
90
80
70
60
50
40
30
20
10
0
-1
-0.5
0
0.5
1

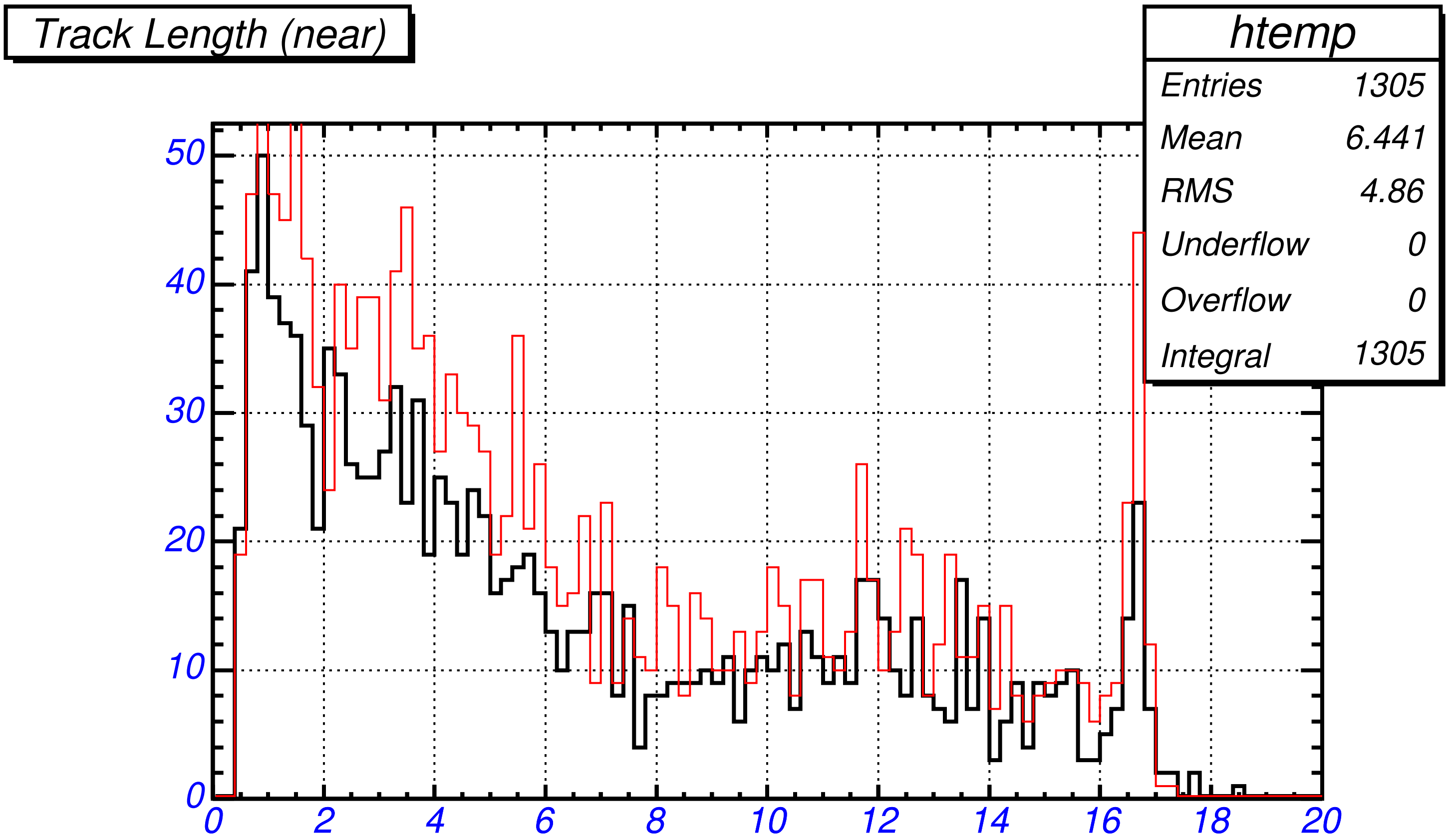


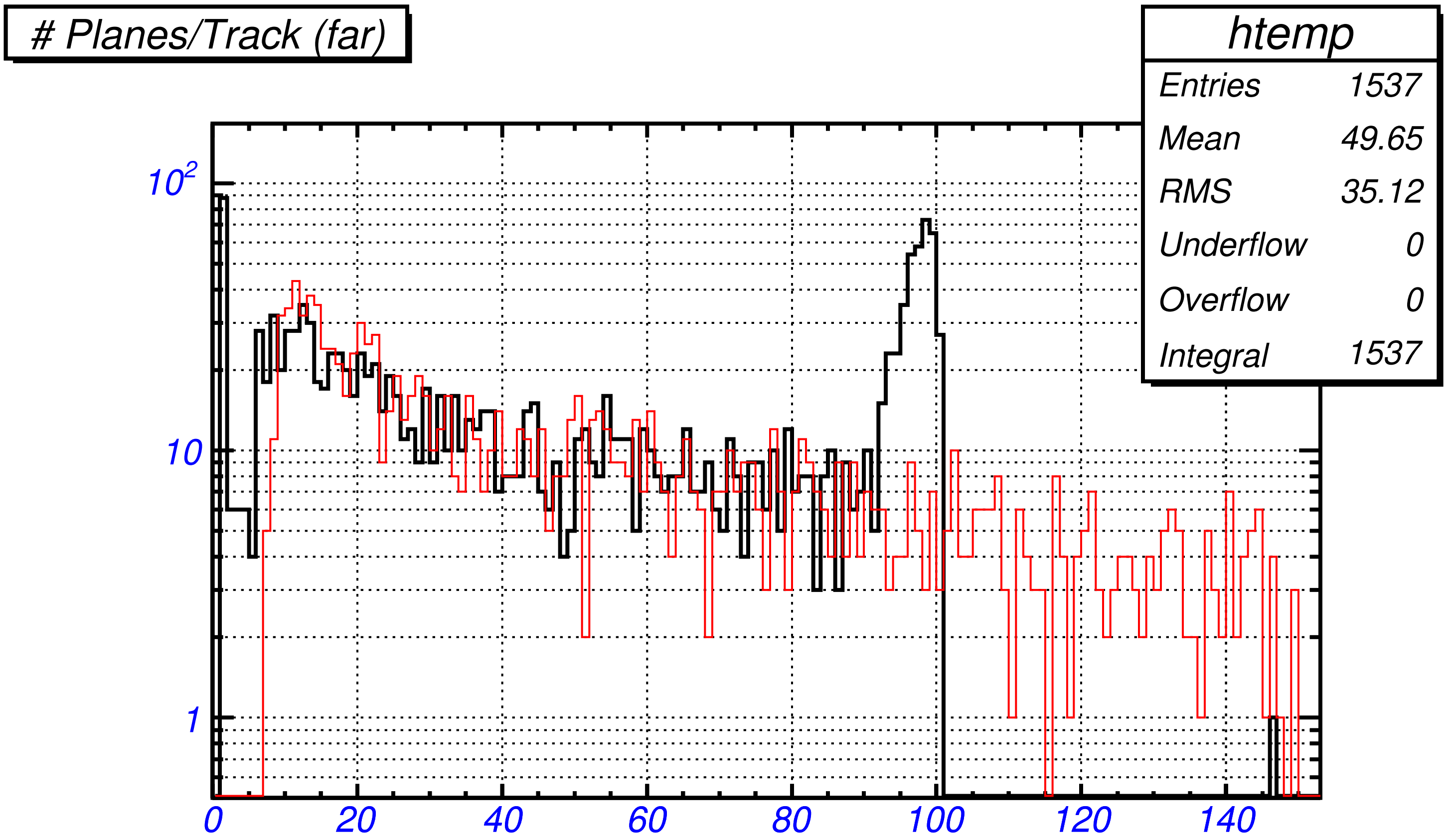
Track Vertex Z direction Cosine (far)
htemp
Entries 1551
Mean 0.9194
RMS 0.1409
Underflow 0
Overflow 0
Integral 1551
400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1



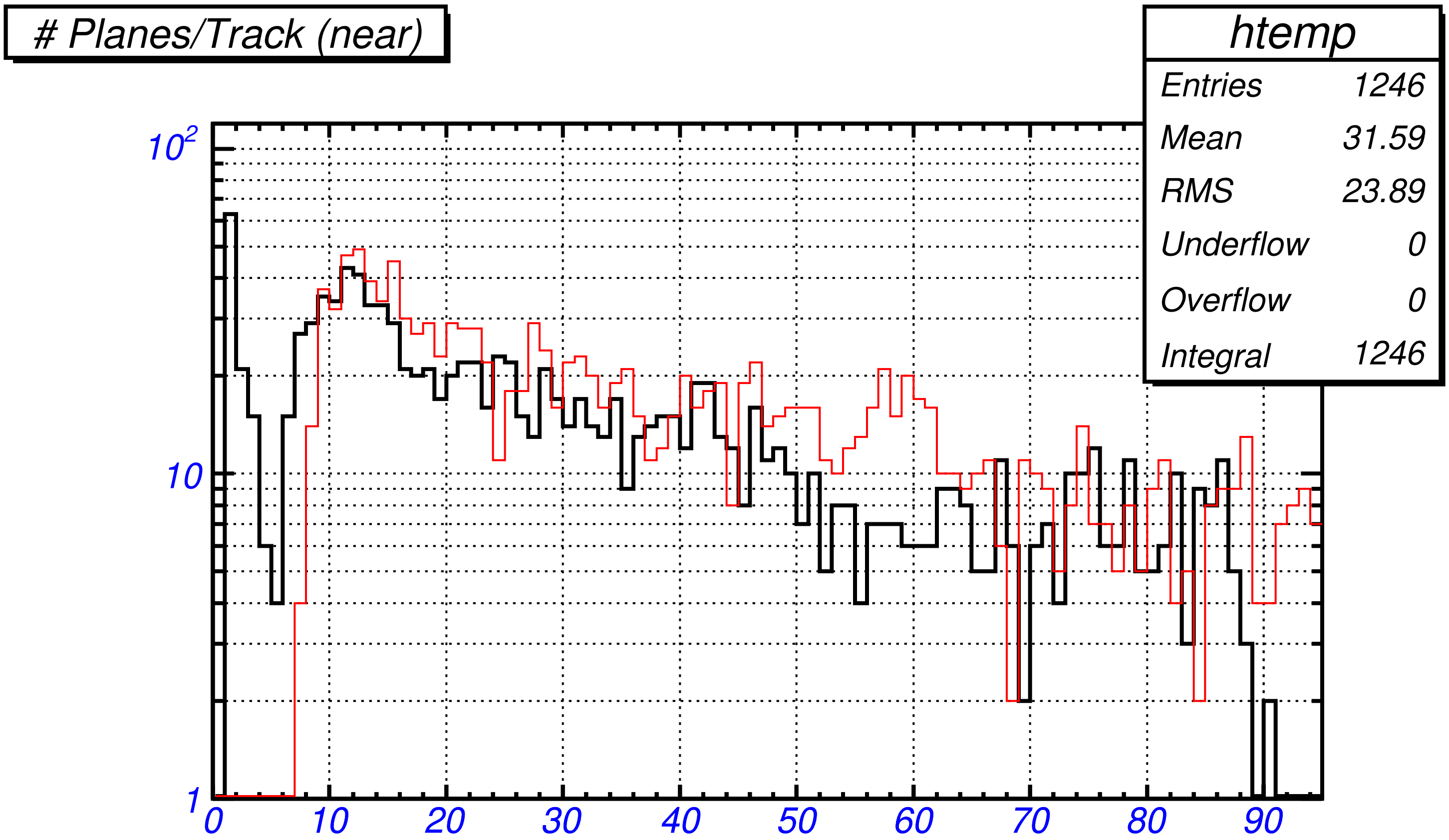
Track Vertex Z direction Cosine (near)
htemp
Entries 1305
Mean 0.9372
RMS 0.1122
Underflow 0
Overflow 0
Integral 1305
450
400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1


Track Length (far)
htemp
Entries 1551
Mean 5.949
RMS 6.016
Underflow 0
Overflow 0
Integral 1551
0
20
40
60
80
100
120
0
5
10
15
20
25
30

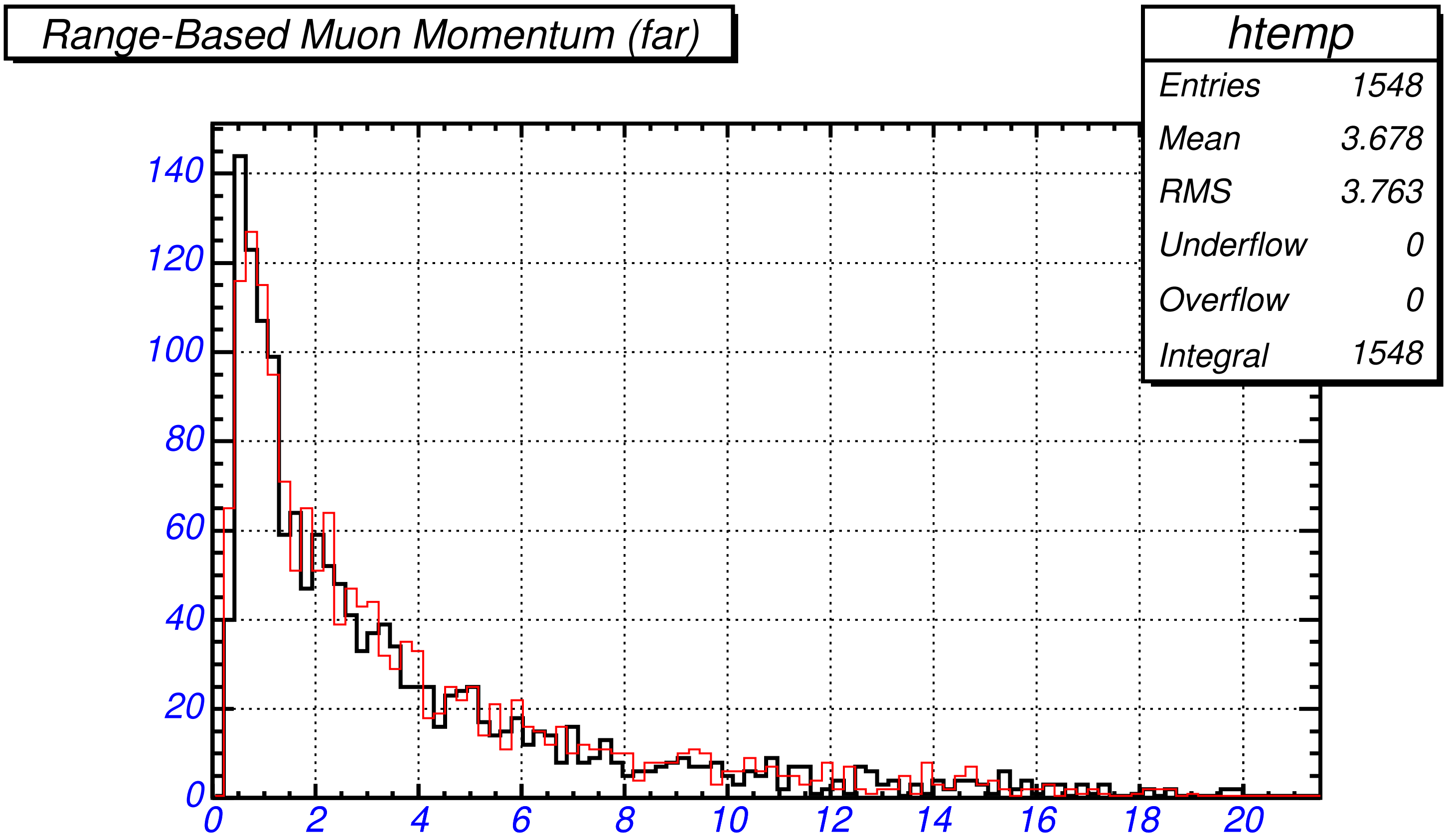

Track Length (near)
htemp
Entries 1305
Mean 6.441
RMS 4.86
Underflow 0
Overflow 0
Integral 1305
0
10
20
30
40
50
0
2
4
6
8
10
12
14
16
18
20

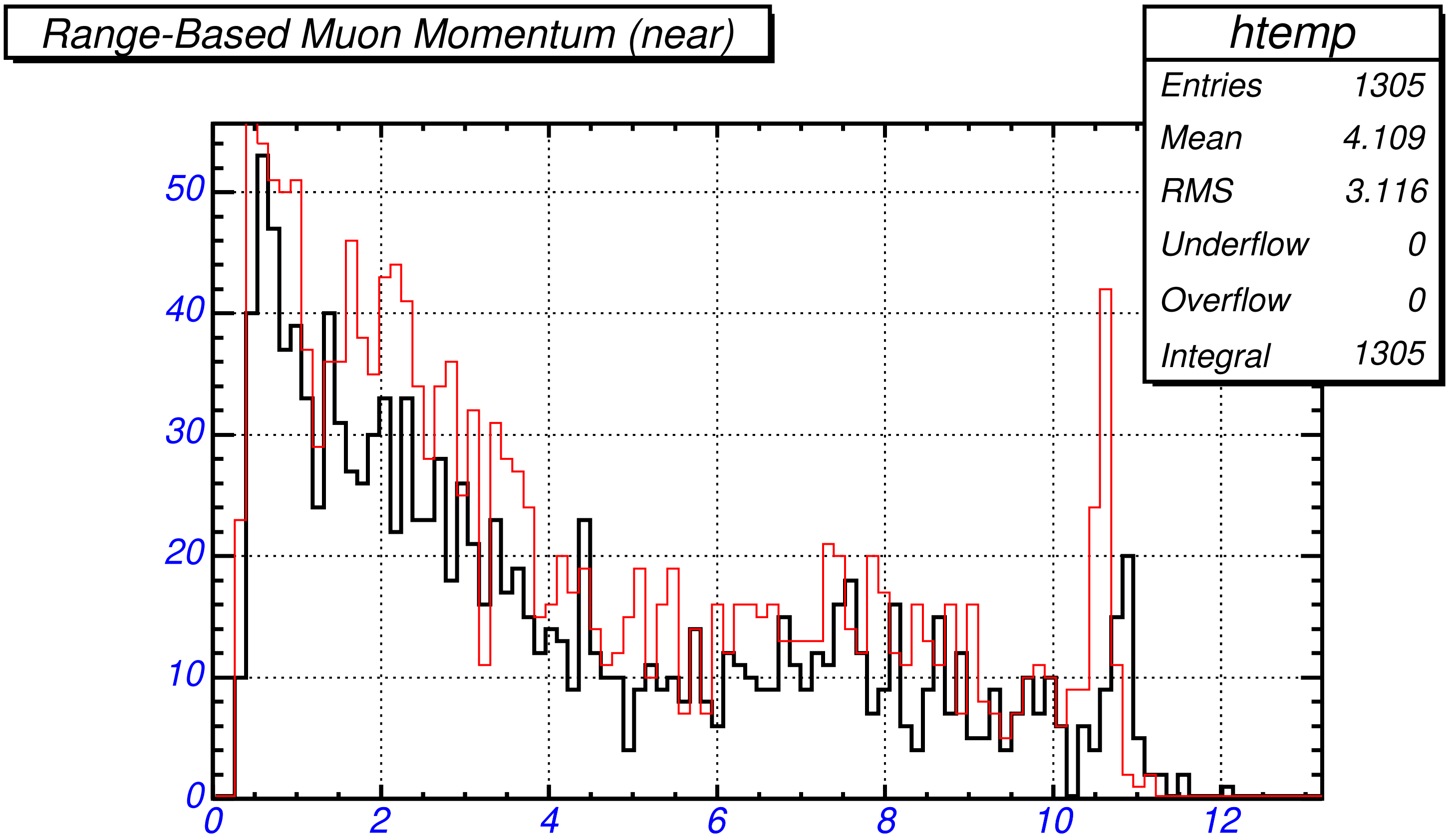


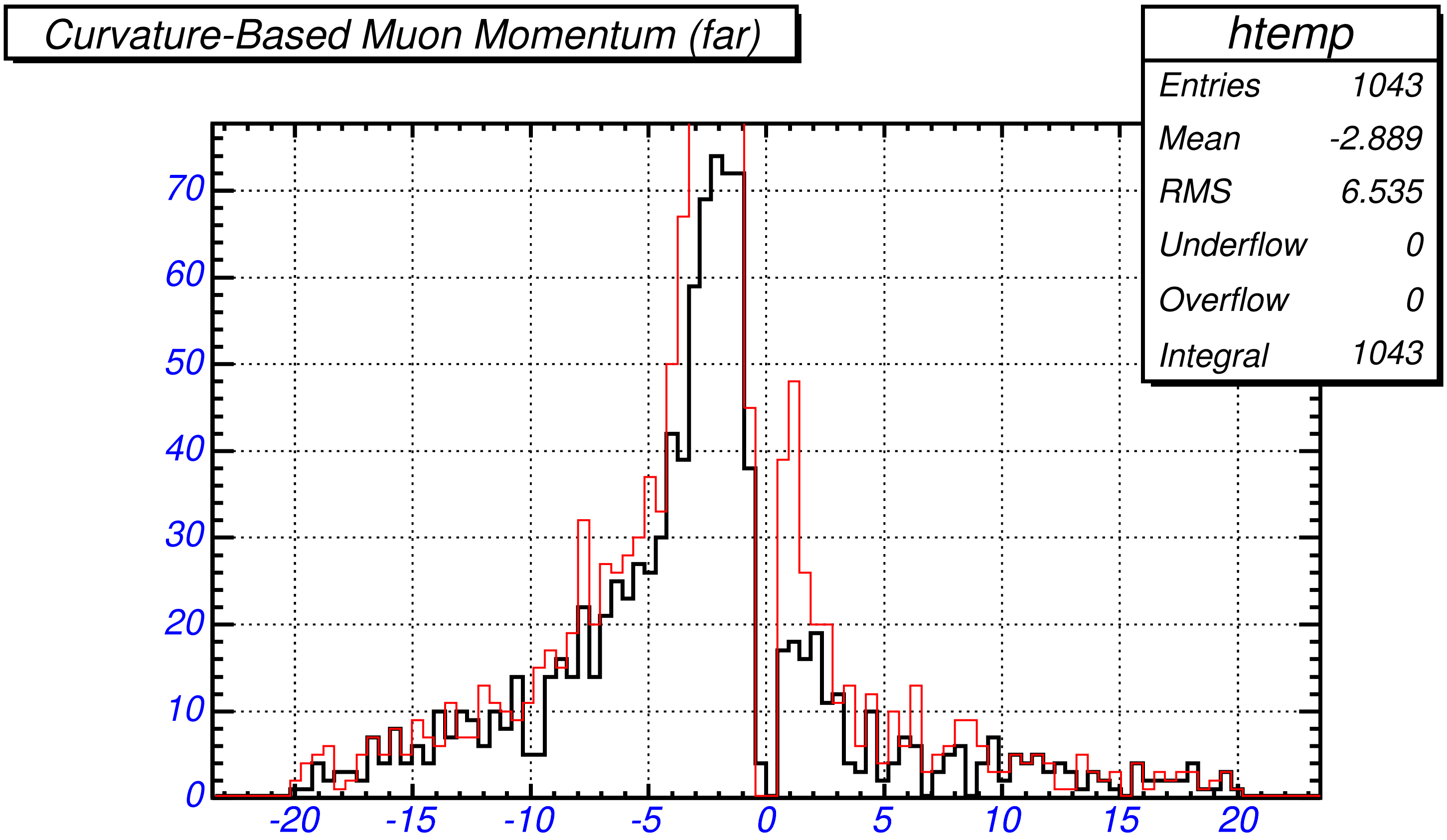
Planes/Track (far)
htemp
Entries 1537
Mean 49.65
RMS 35.12
Underflow 0
Overflow 0
Integral 1537

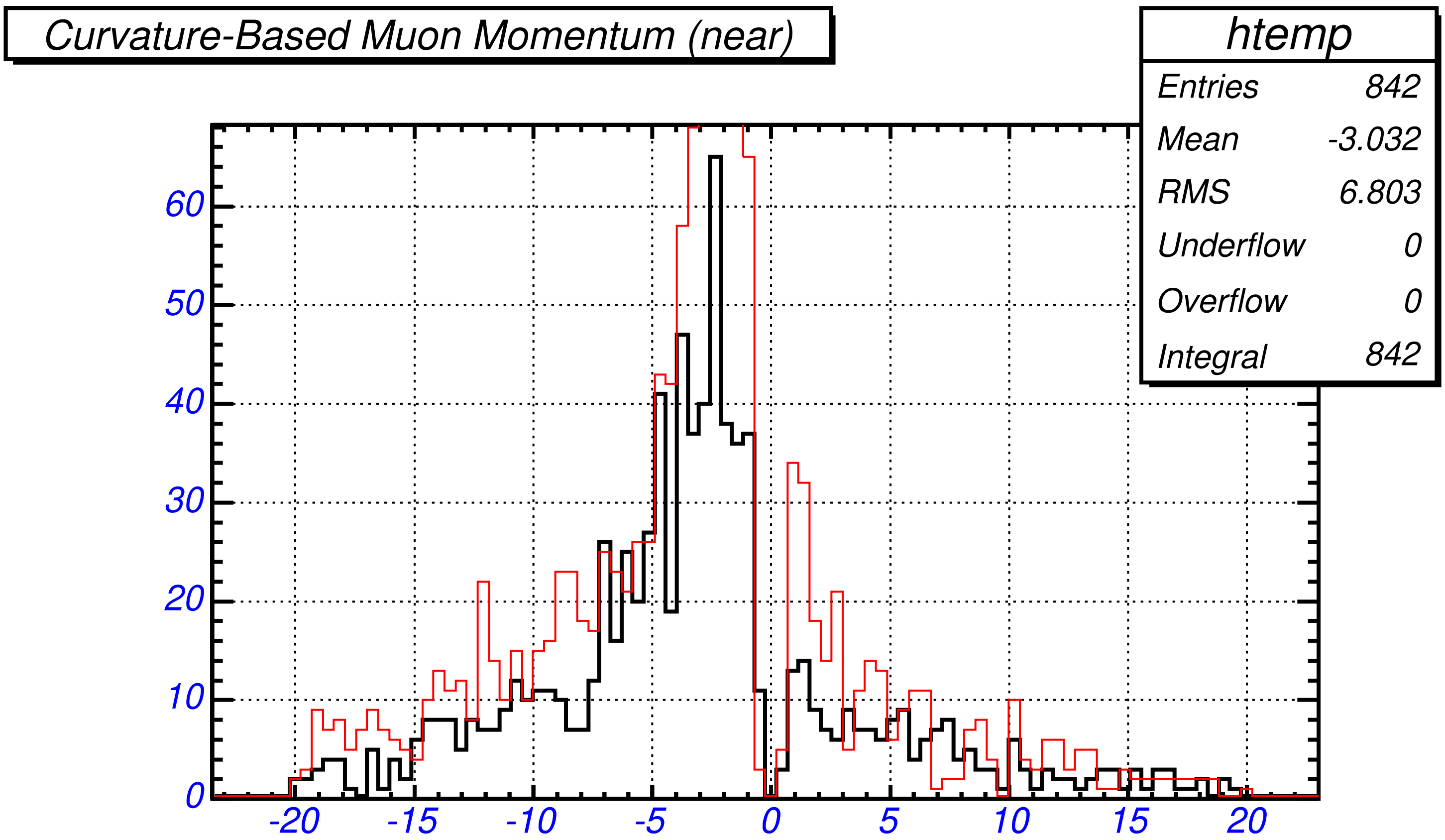


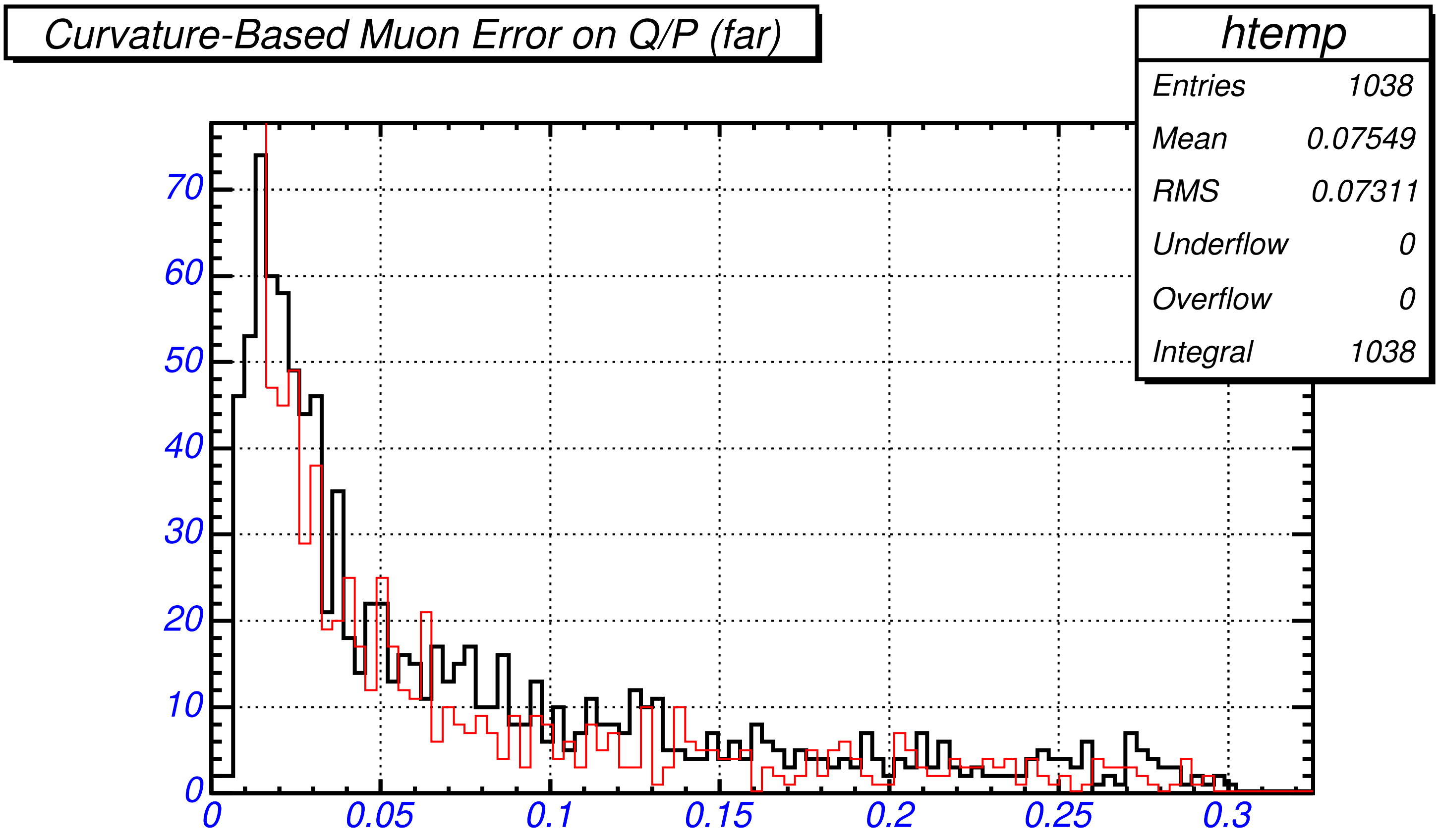
Planes/Track (near)
htemp
Entries 1246
Mean 31.59
RMS 23.89
Underflow 0
Overflow 0
Integral 1246


Range-Based Muon Momentum (far)
htemp
Entries 1548
Mean 3.678
RMS 3.763
Underflow 0
Overflow 0
Integral 1548
0
20
40
60
80
100
120
140
0
2
4
6
8
10
12
14
16
18
20

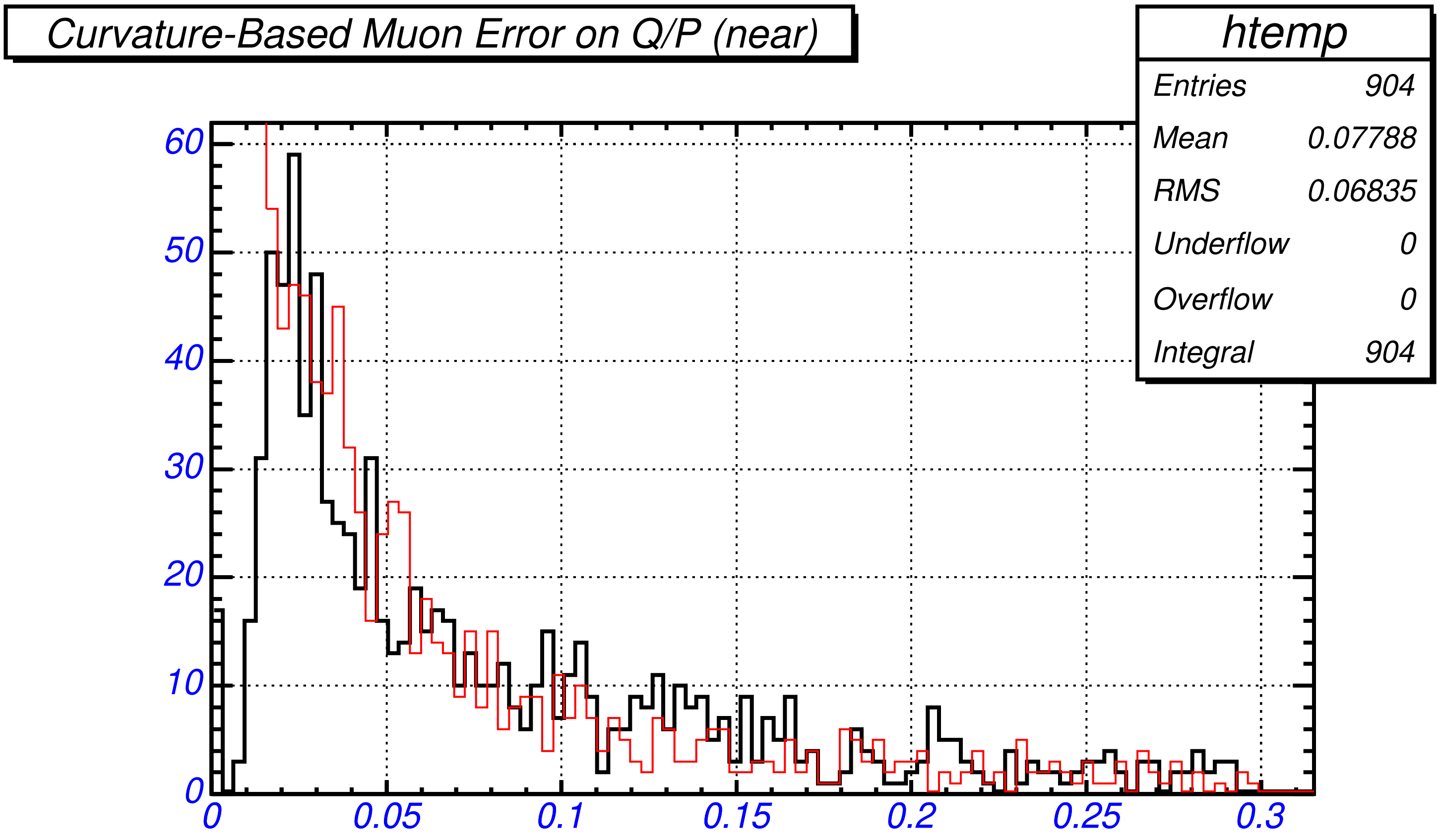

Range-Based Muon Momentum (near)
htemp
Entries 1305
Mean 4.109
RMS 3.116
Underflow 0
Overflow 0
Integral 1305
0
10
20
30
40
50
0
2
4
6
8
10
12


Curvature-Based Muon Momentum (far)
htemp
Entries 1043
Mean -2.889
RMS 6.535
Underflow 0
Overflow 0
Integral 1043
0
10
20
30
40
50
60
70
-20
-15
-10
-5
0
5
10
15
20

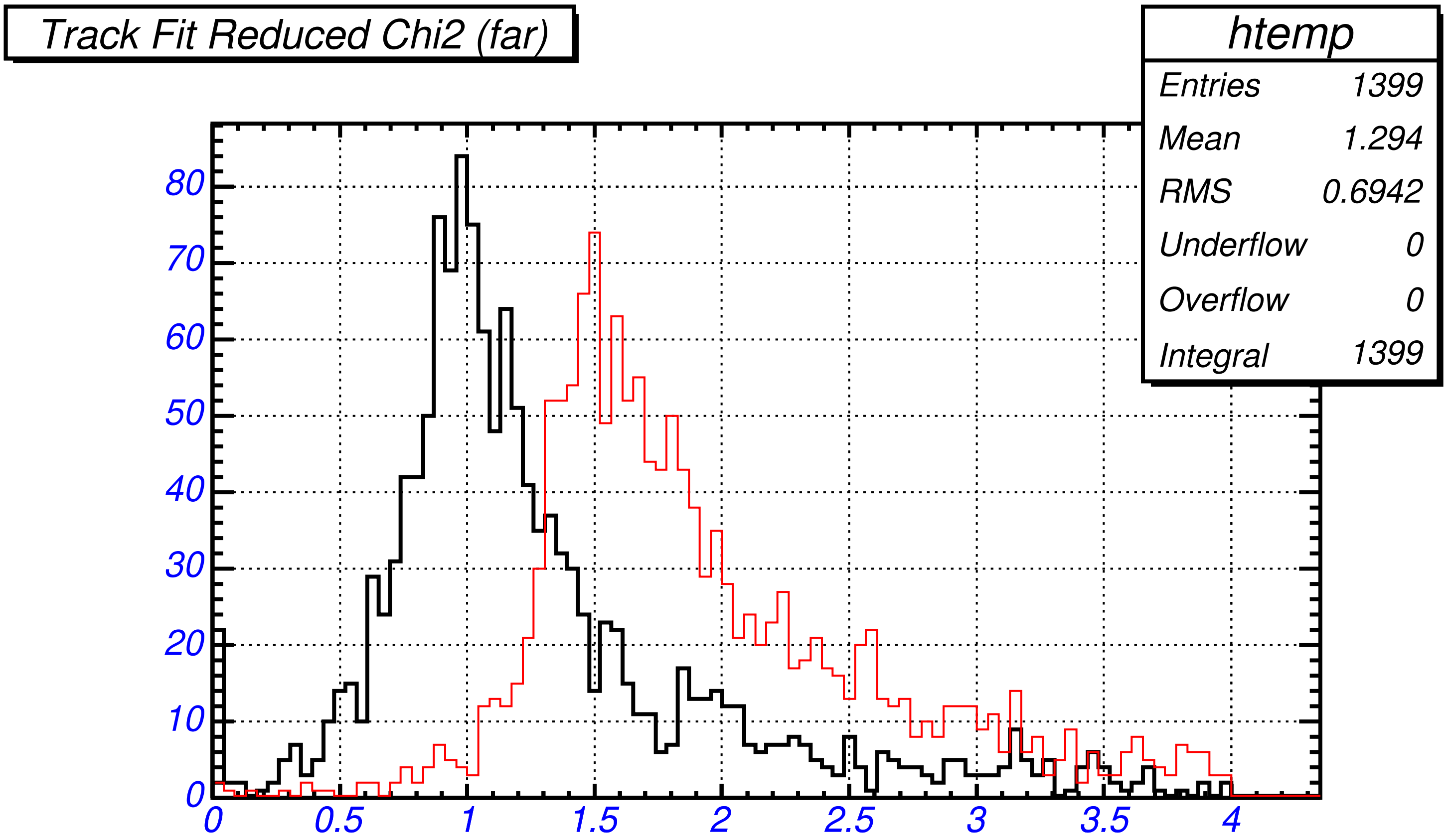

Curvature-Based Muon Momentum (near)
htemp
Entries 842
Mean -3.032
RMS 6.803
Underflow 0
Overflow 0
Integral 842
0
10
20
30
40
50
60
-20
-15
-10
-5
0
5
10
15
20



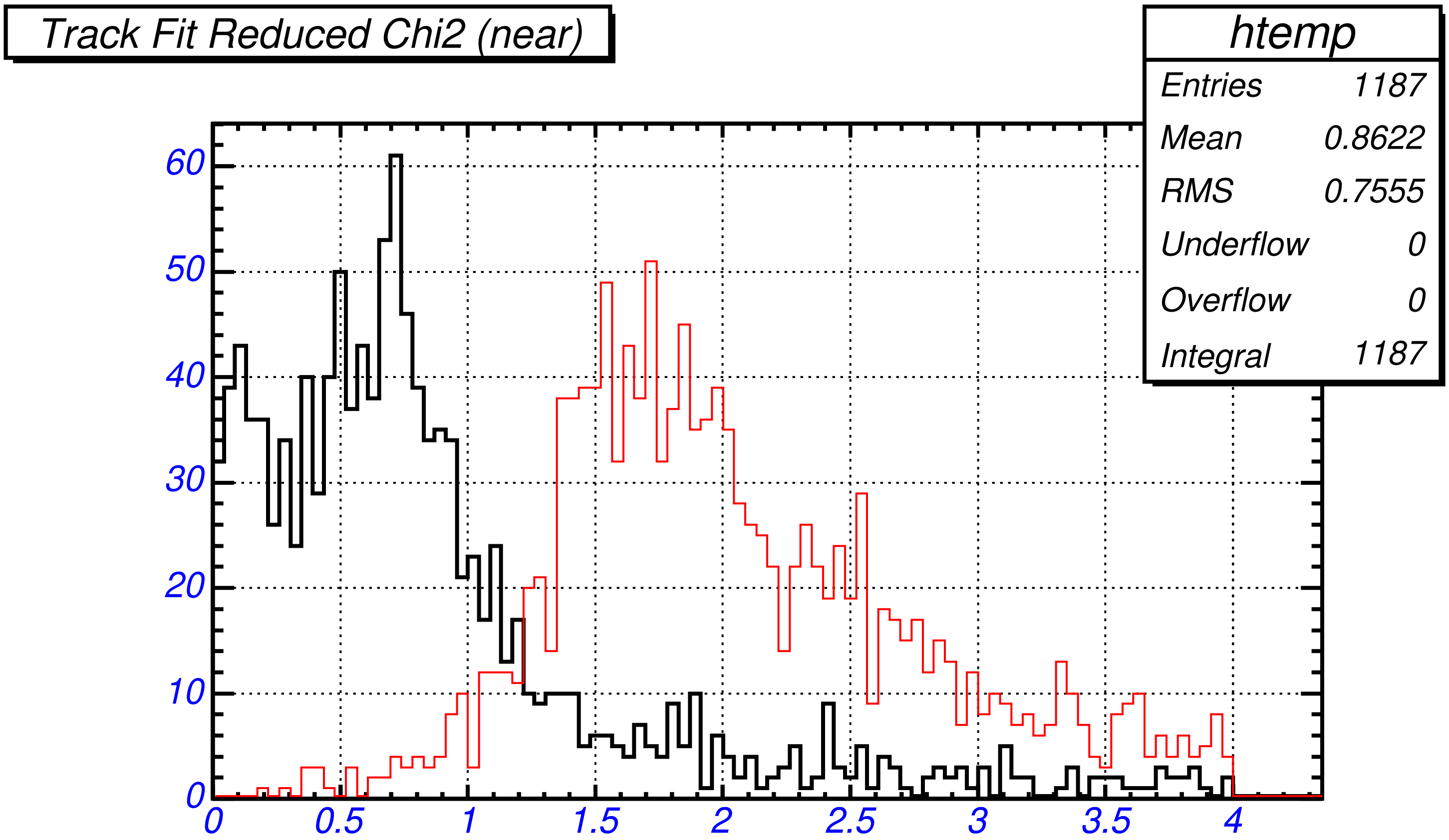
Curvature-Based Muon Error on Q/P (far)
htemp
Entries 1038
Mean 0.07549
RMS 0.07311
Underflow 0
Overflow 0
Integral 1038
0
10
20
30
40
50
60
70
0
0.05
0.1
0.15
0.2
0.25
0.3



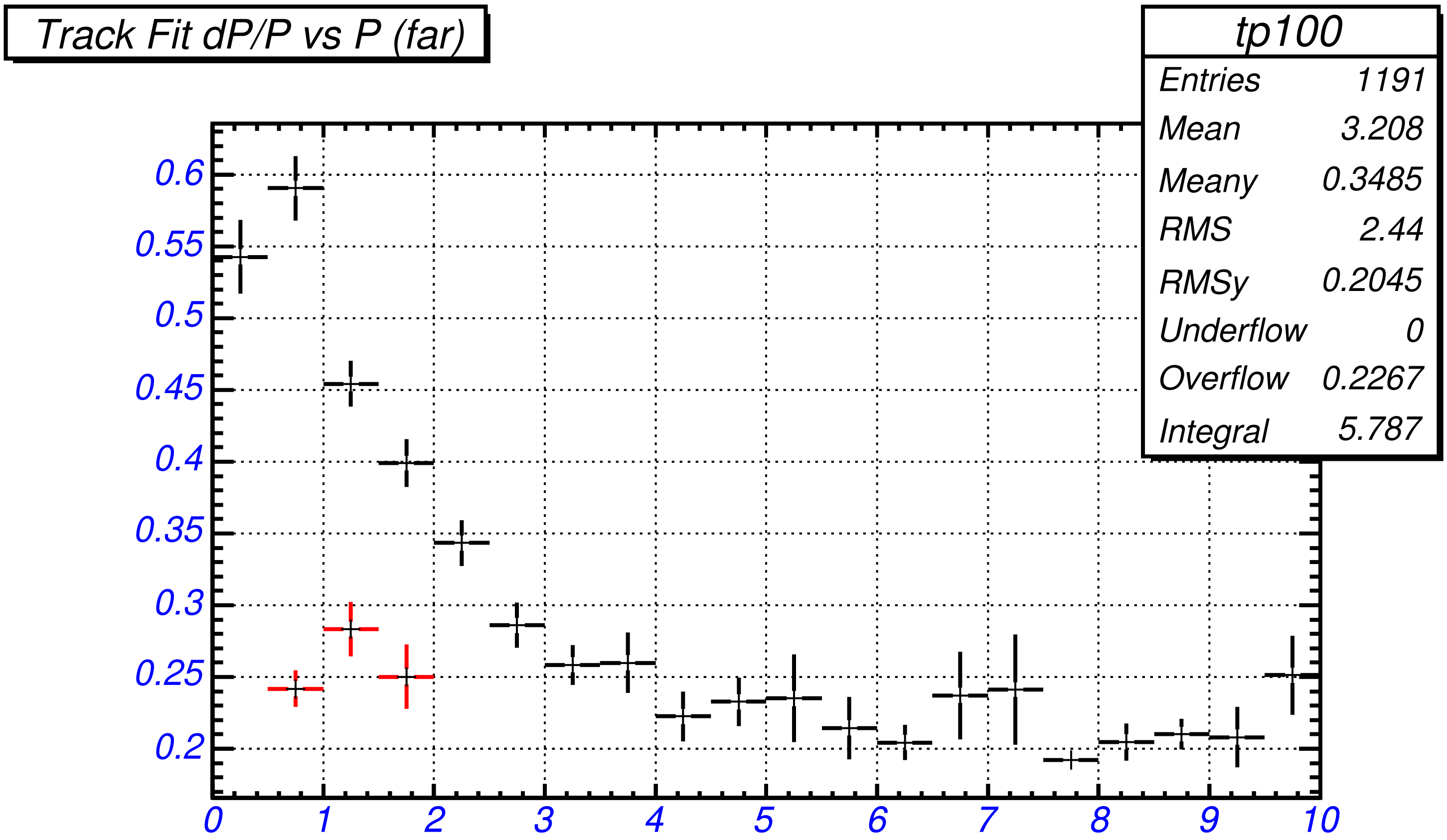
Curvature-Based Muon Error on Q/P (near)
htemp
Entries 904
Mean 0.07788
RMS 0.06835
Underflow 0
Overflow 0
Integral 904
0
10
20
30
40
50
60
0
0.05
0.1
0.15
0.2
0.25
0.3



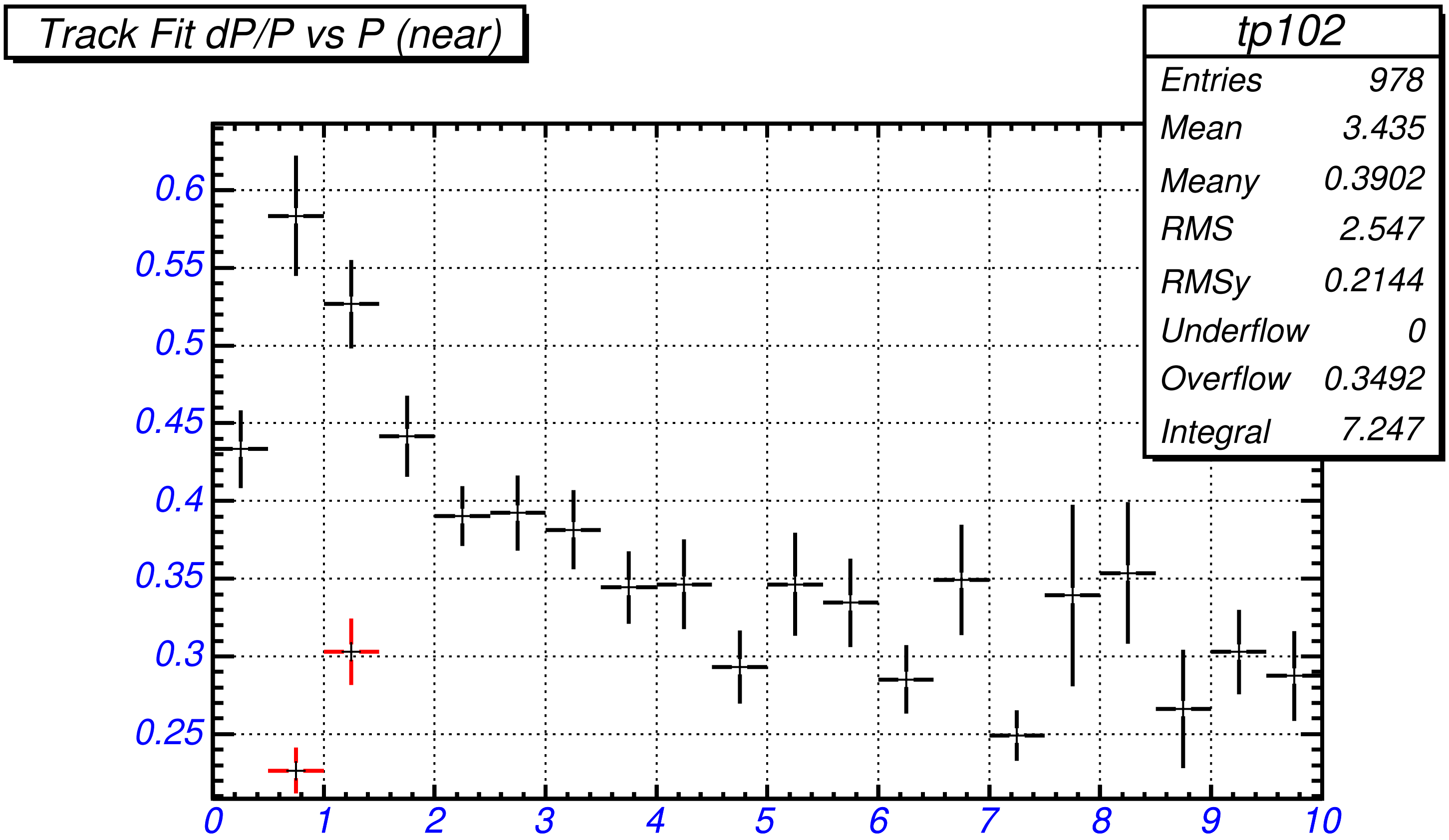
Track Fit Reduced Chi2 (far)
htemp
Entries 1399
Mean 1.294
RMS 0.6942
Underflow 0
Overflow 0
Integral 1399
0
10
20
30
40
50
60
70
80
0
0.5
1
1.5
2
2.5
3
3.5
4



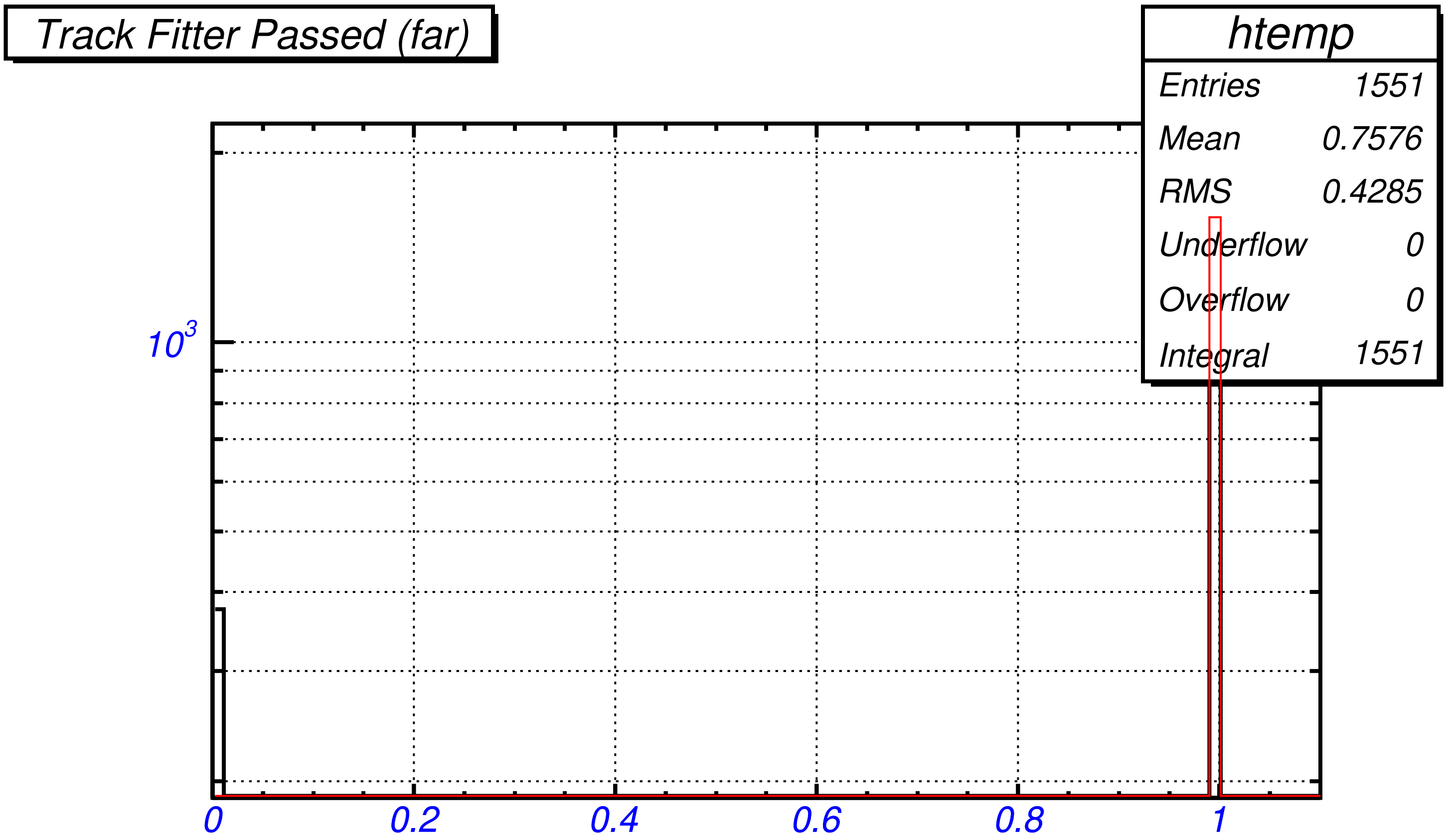
Track Fit Reduced Chi2 (near)
htemp
Entries 1187
Mean 0.8622
RMS 0.7555
Underflow 0
Overflow 0
Integral 1187
0
10
20
30
40
50
60
0
0.5
1
1.5
2
2.5
3
3.5
4

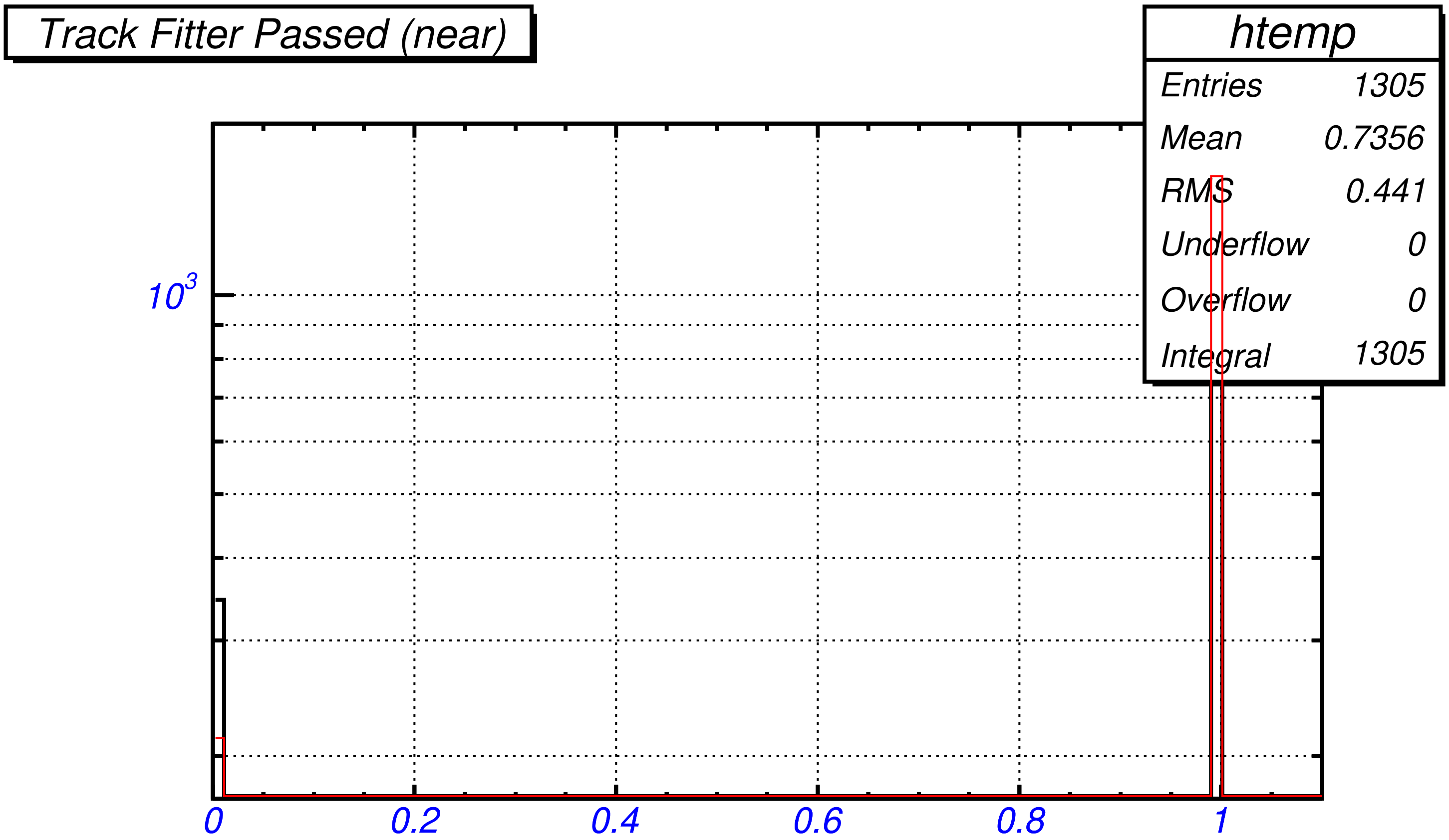


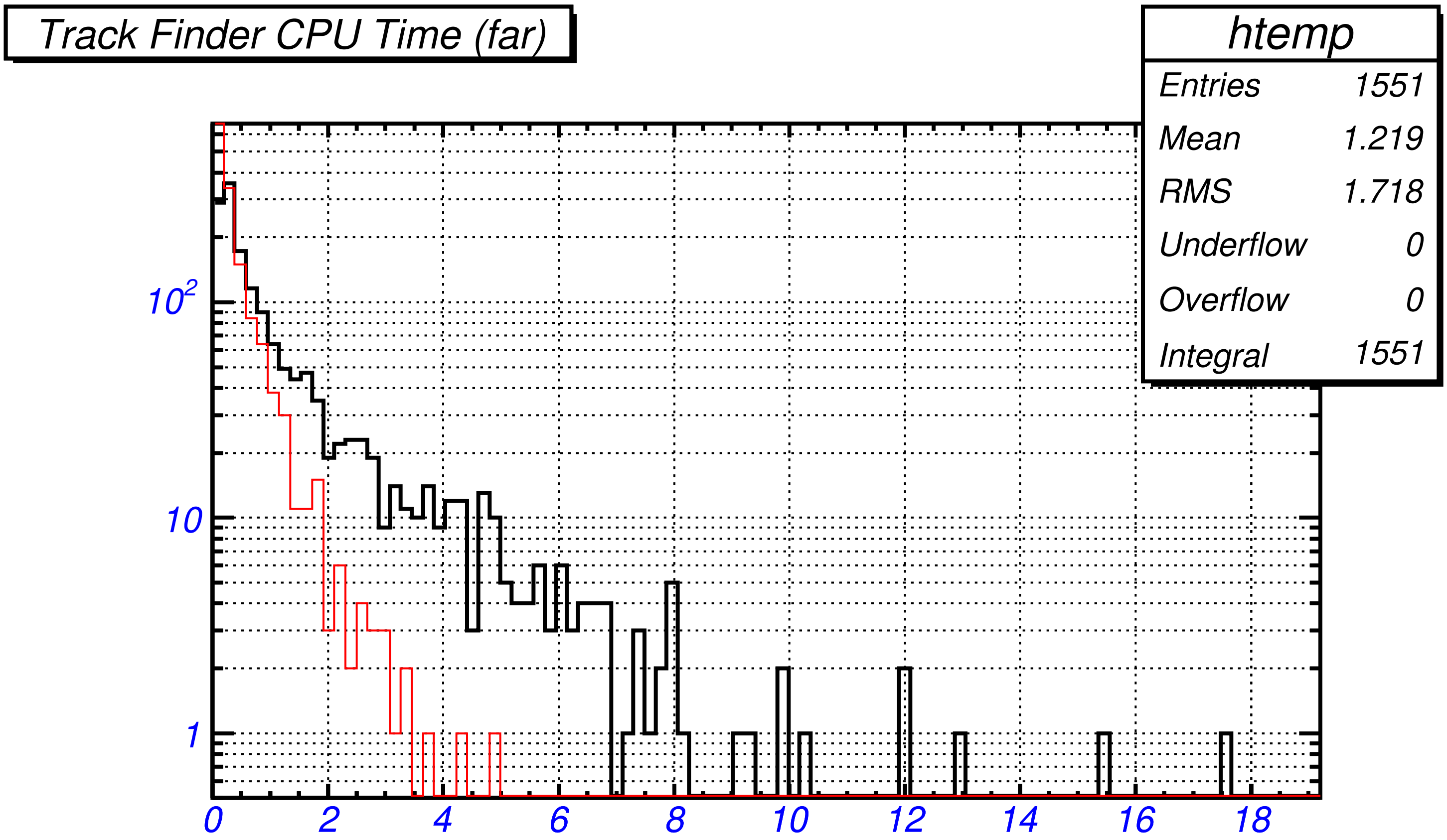
Track Fit dP/P vs P (far)
tp100
Entries 1191
Mean 3.208
Meany 0.3485
RMS 2.44
RMSy 0.2045
Underflow 0
Overflow 0.2267
Integral 5.787
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0 1 2 3 4 5 6 7 8 9 10



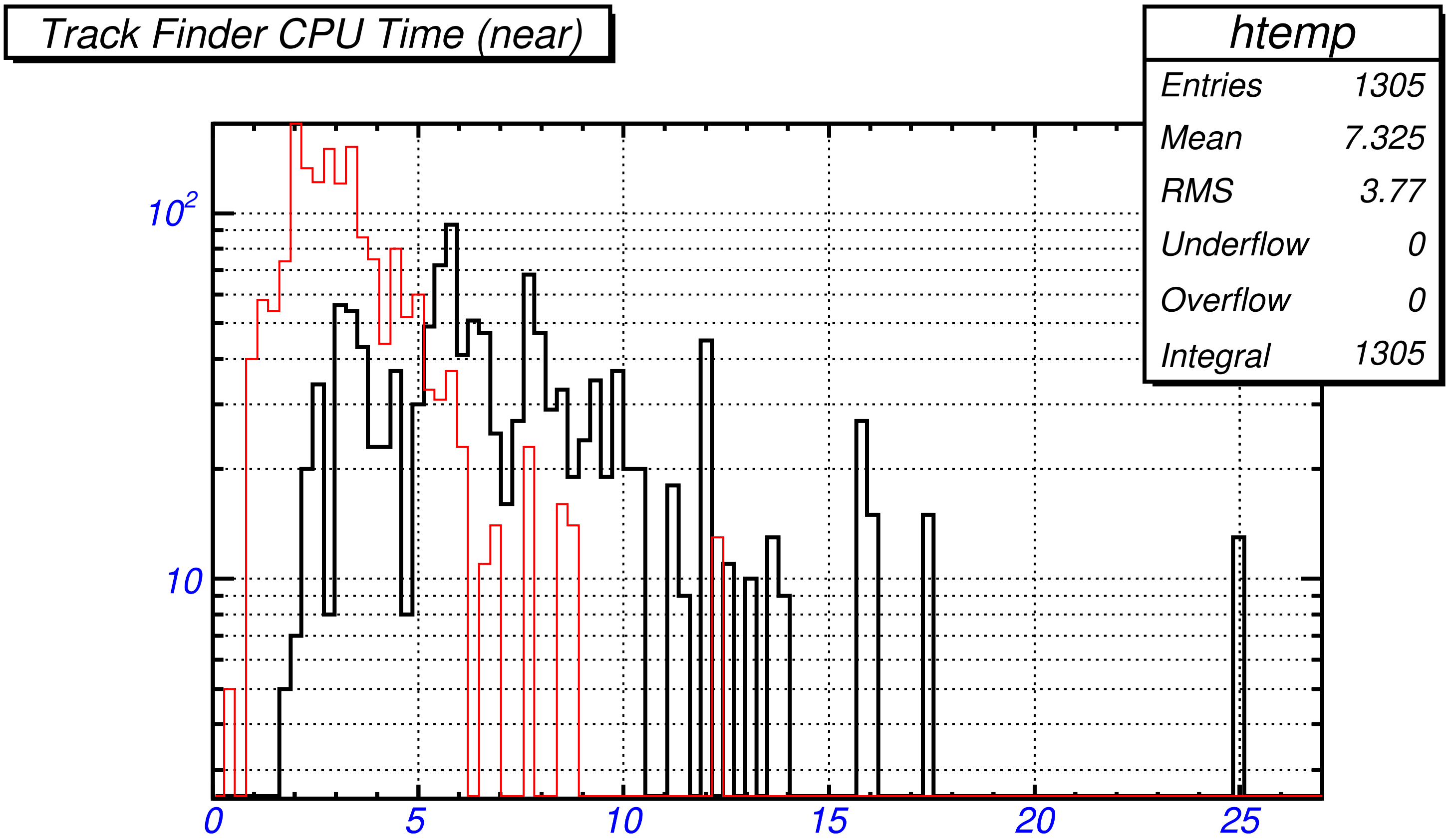
Track Fit dP/P vs P (near)
tp102
Entries 978
Mean 3.435
Meany 0.3902
RMS 2.547
RMSy 0.2144
Underflow 0
Overflow 0.3492
Integral 7.247
0.6
0.55
0.5
0.45
0.4
0.35
0.3
0.25
0 1 2 3 4 5 6 7 8 9 10


Track Fitter Passed (far)
htemp
Entries 1551
Mean 0.7576
RMS 0.4285
Underflow 0
Overflow 0
Integral 1551
10^3
0
0.2
0.4
0.6
0.8
1

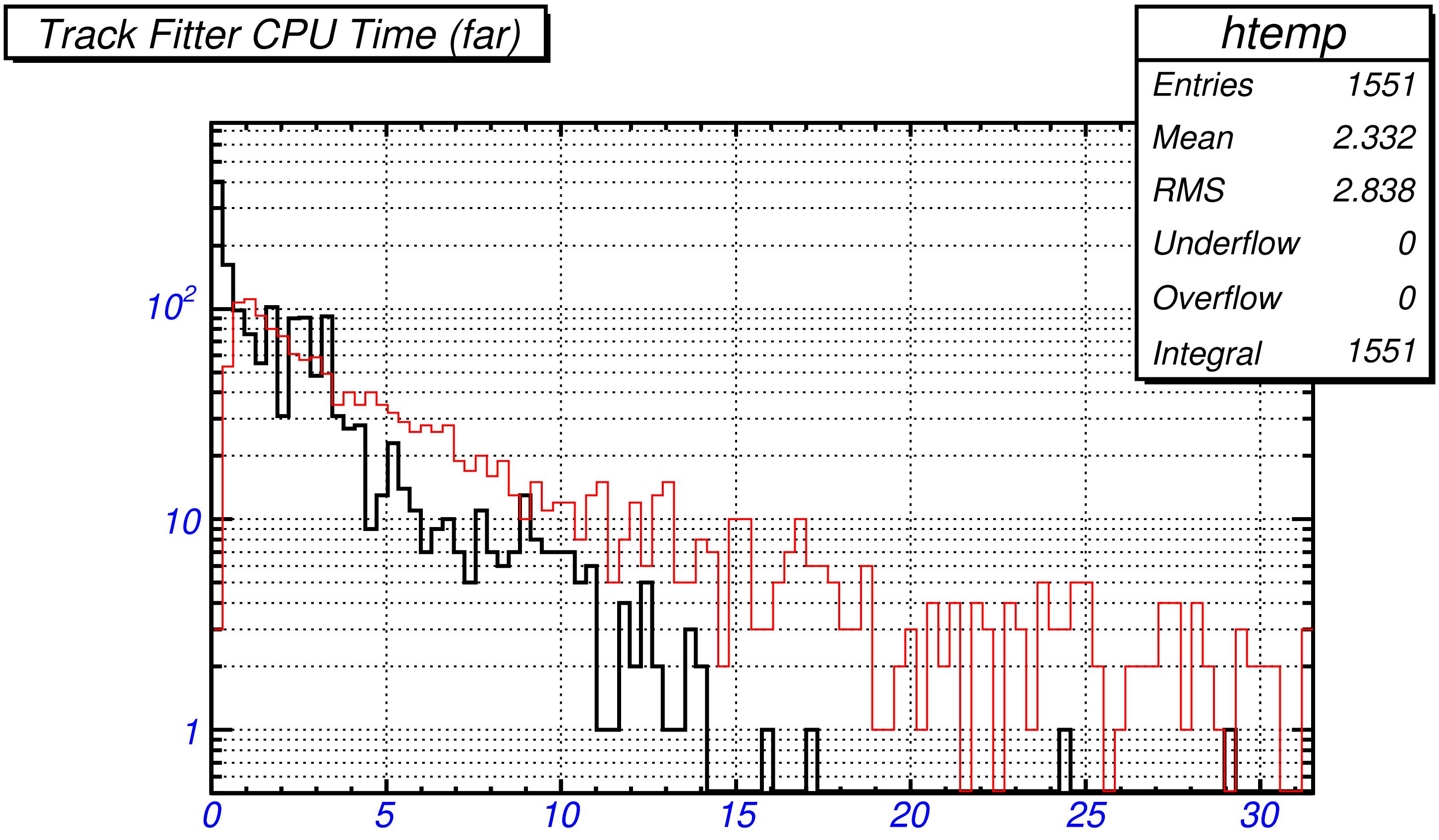

Track Fitter Passed (near)
htemp
Entries 1305
Mean 0.7356
RMS 0.441
Underflow 0
Overflow 0
Integral 1305
10^3
0
0.2
0.4
0.6
0.8
1

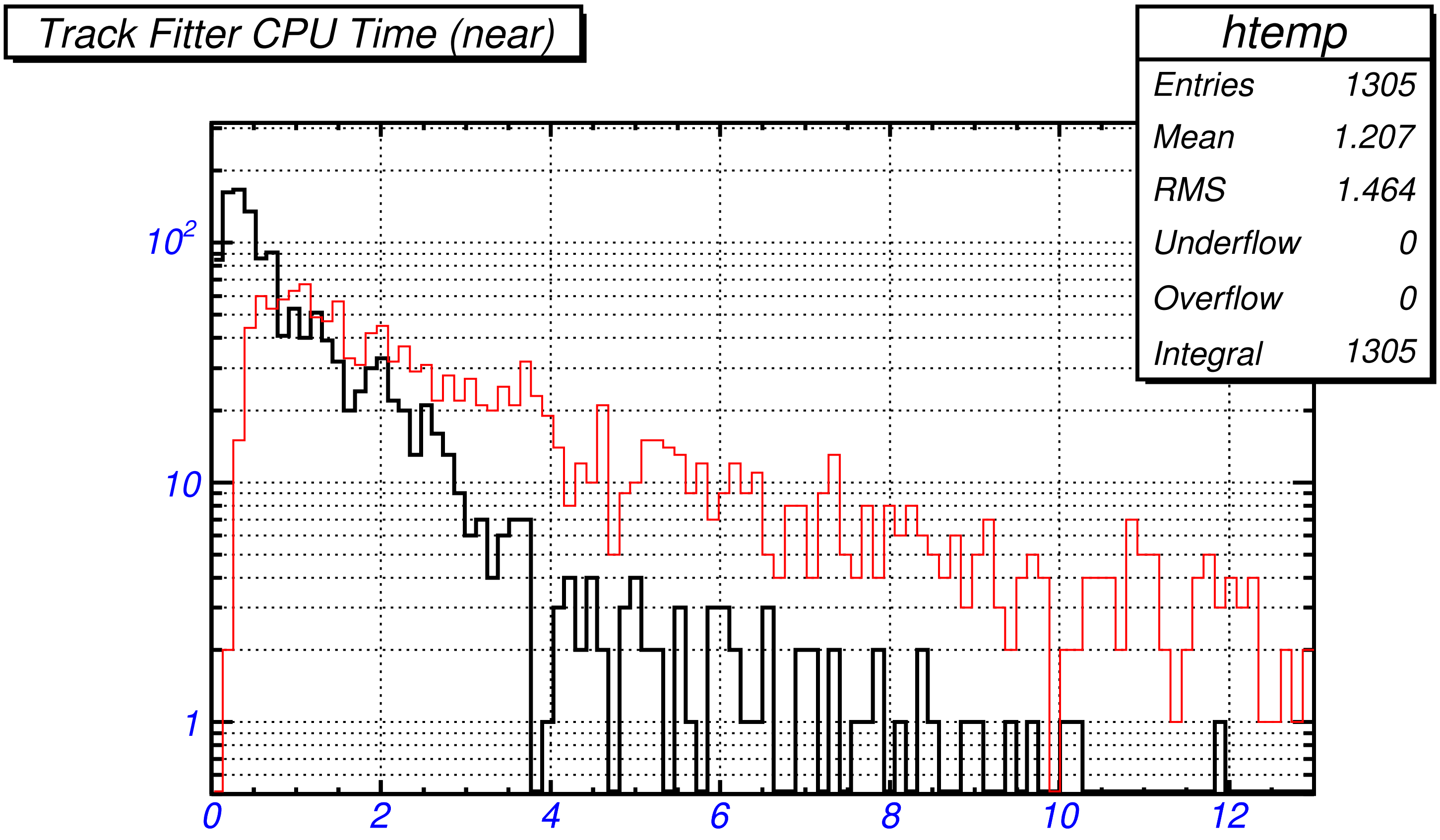


Track Finder CPU Time (far)
htemp
Entries 1551
Mean 1.219
RMS 1.718
Underflow 0
Overflow 0
Integral 1551
10^2
10
1
0
2
4
6
8
10
12
14
16
18



Track Finder CPU Time (near)
htemp
Entries 1305
Mean 7.325
RMS 3.77
Underflow 0
Overflow 0
Integral 1305
10^2
10
0
5
10
15
20
25


Track Fitter CPU Time (far)
htemp
Entries 1551
Mean 2.332
RMS 2.838
Underflow 0
Overflow 0
Integral 1551
10^2
10
1
0
5
10
15
20
25
30


Track Fitter CPU Time (near)
htemp
Entries 1305
Mean 1.207
RMS 1.464
Underflow 0
Overflow 0
Integral 1305
10^2
10
1
0
2
4
6
8
10
12