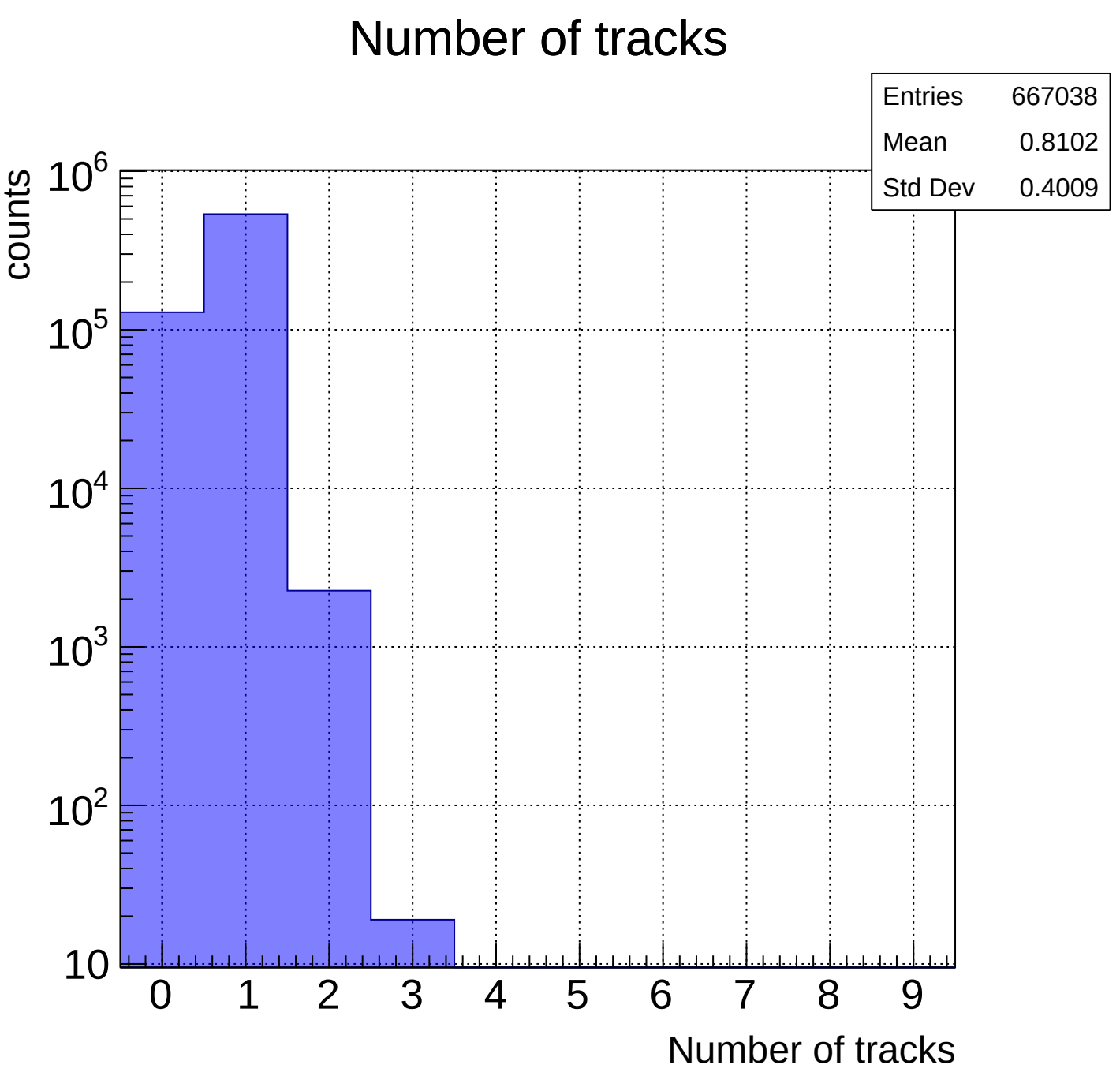
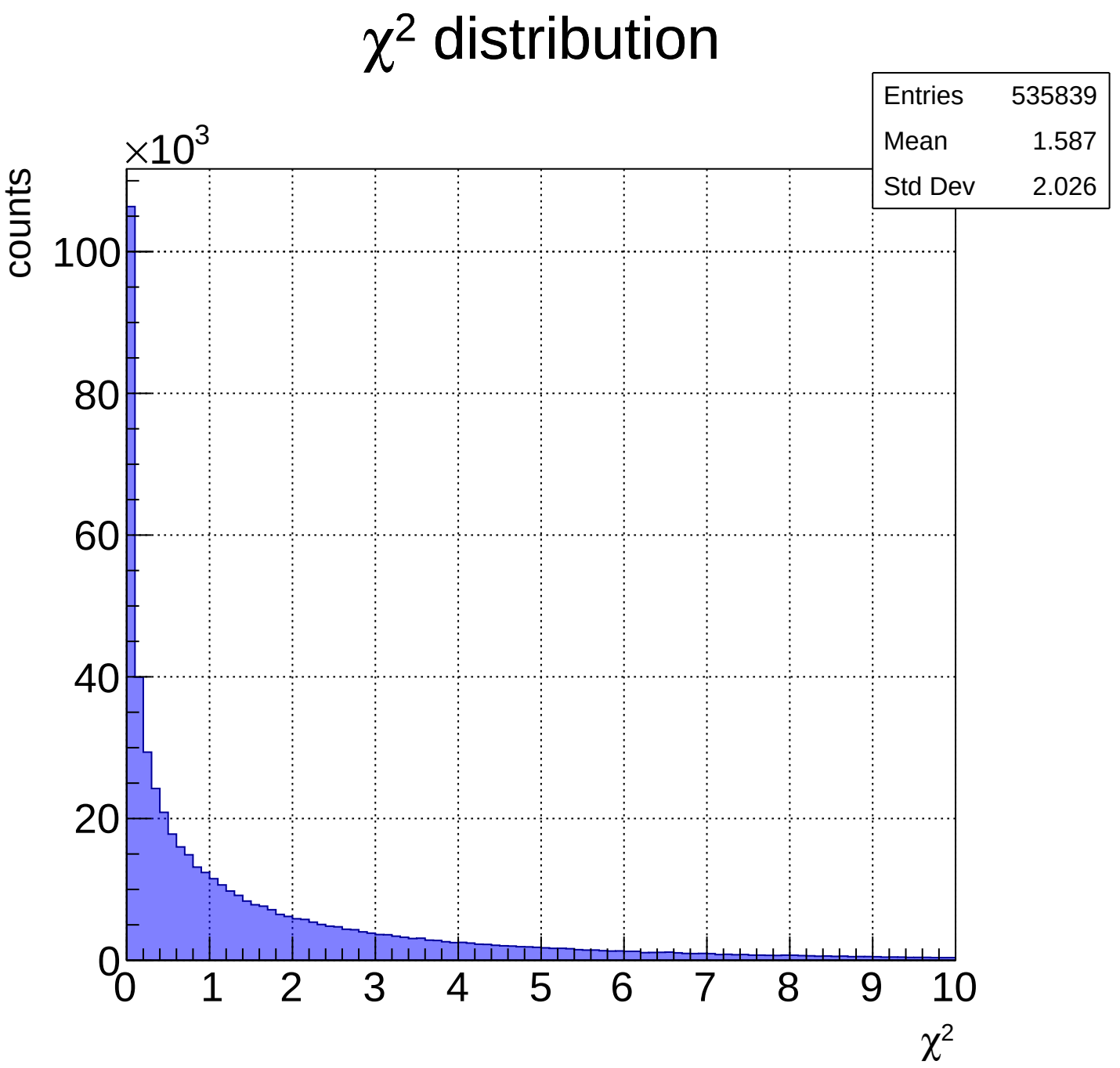
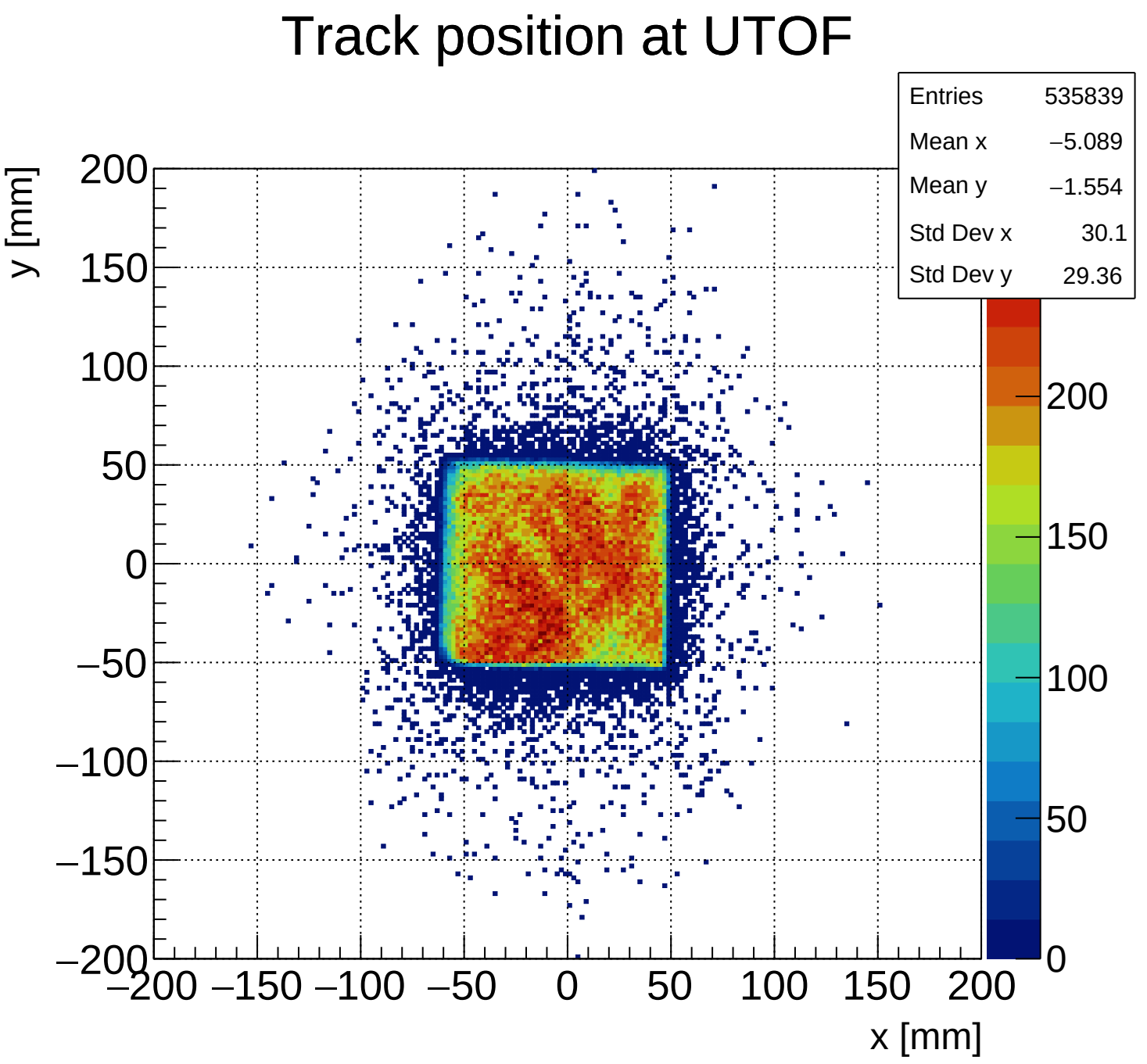
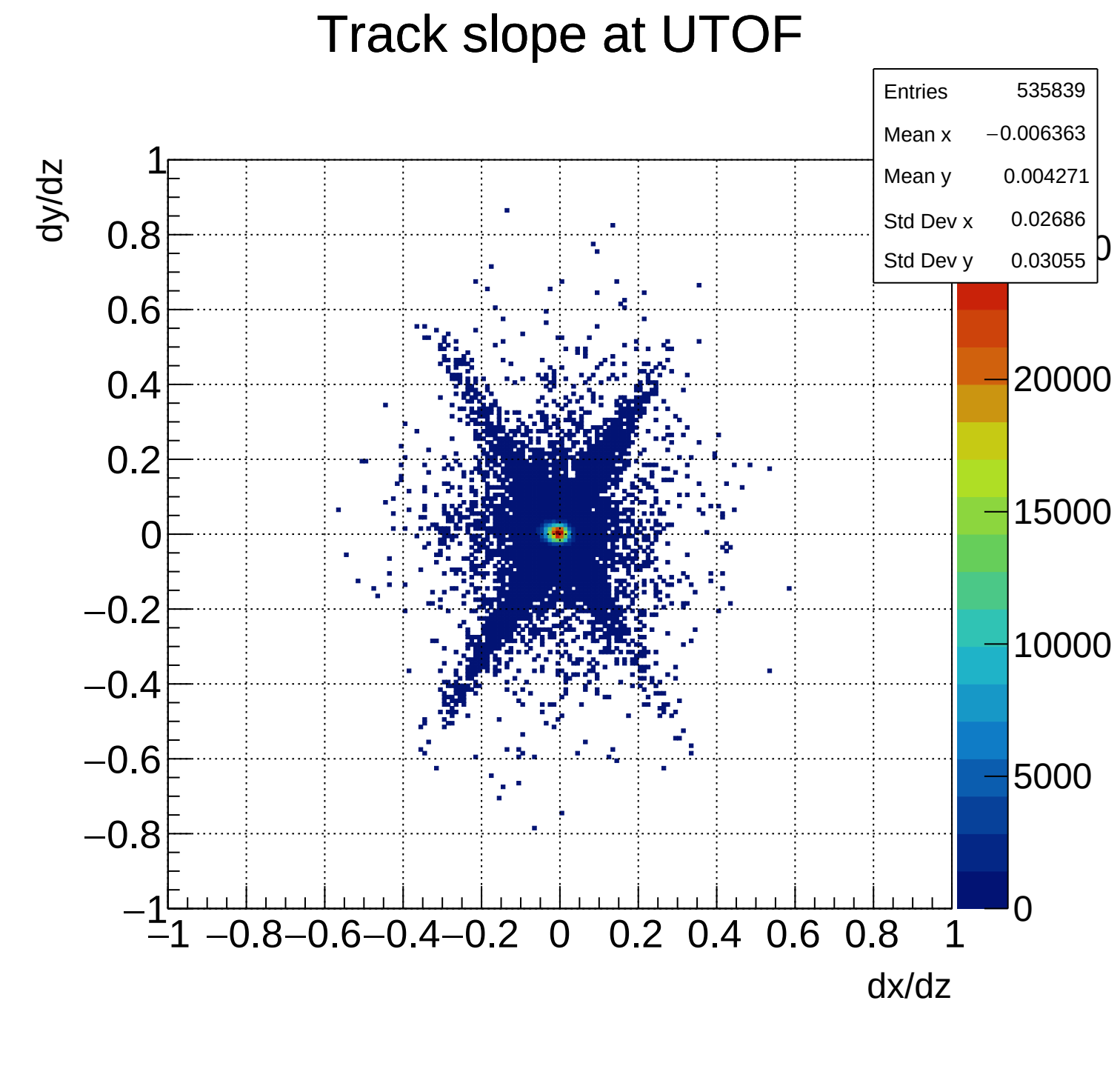
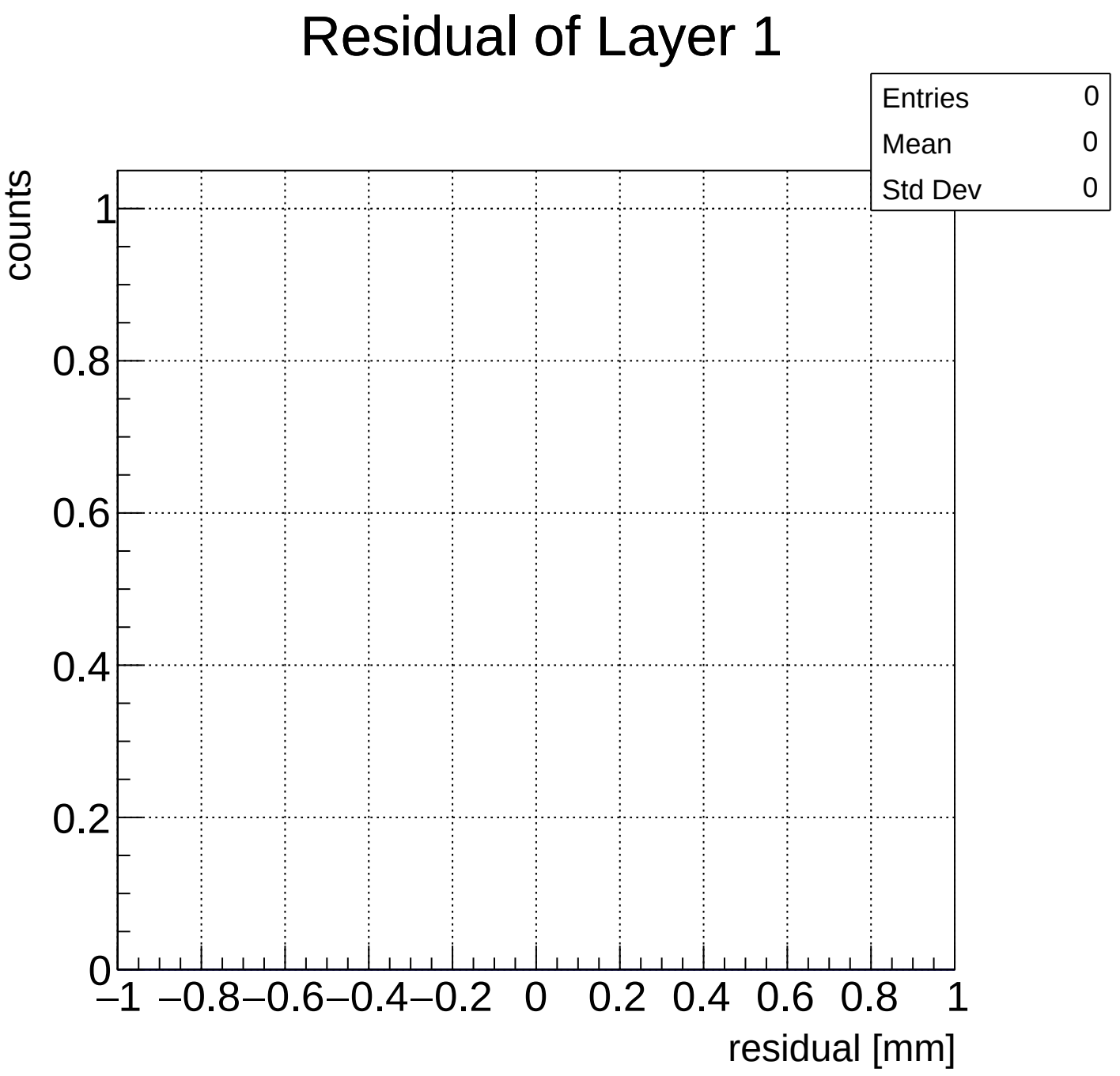
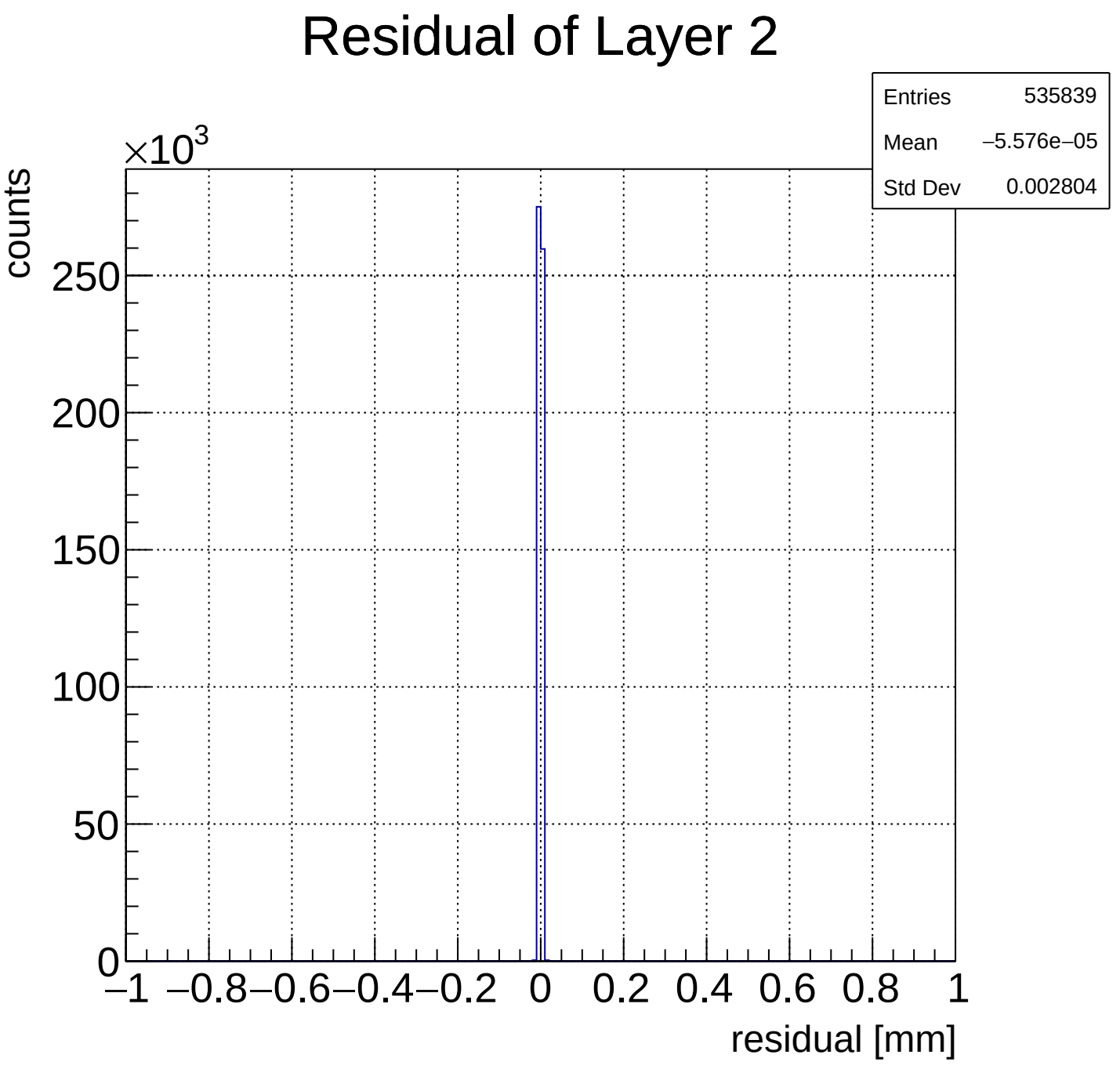

Number of tracks
Entries 667038
Mean 0.8102
Std Dev 0.4009
counts
10^6
10^5
10^4
10^3
10^2
10
0 1 2 3 4 5 6 7 8 9
Number of tracks

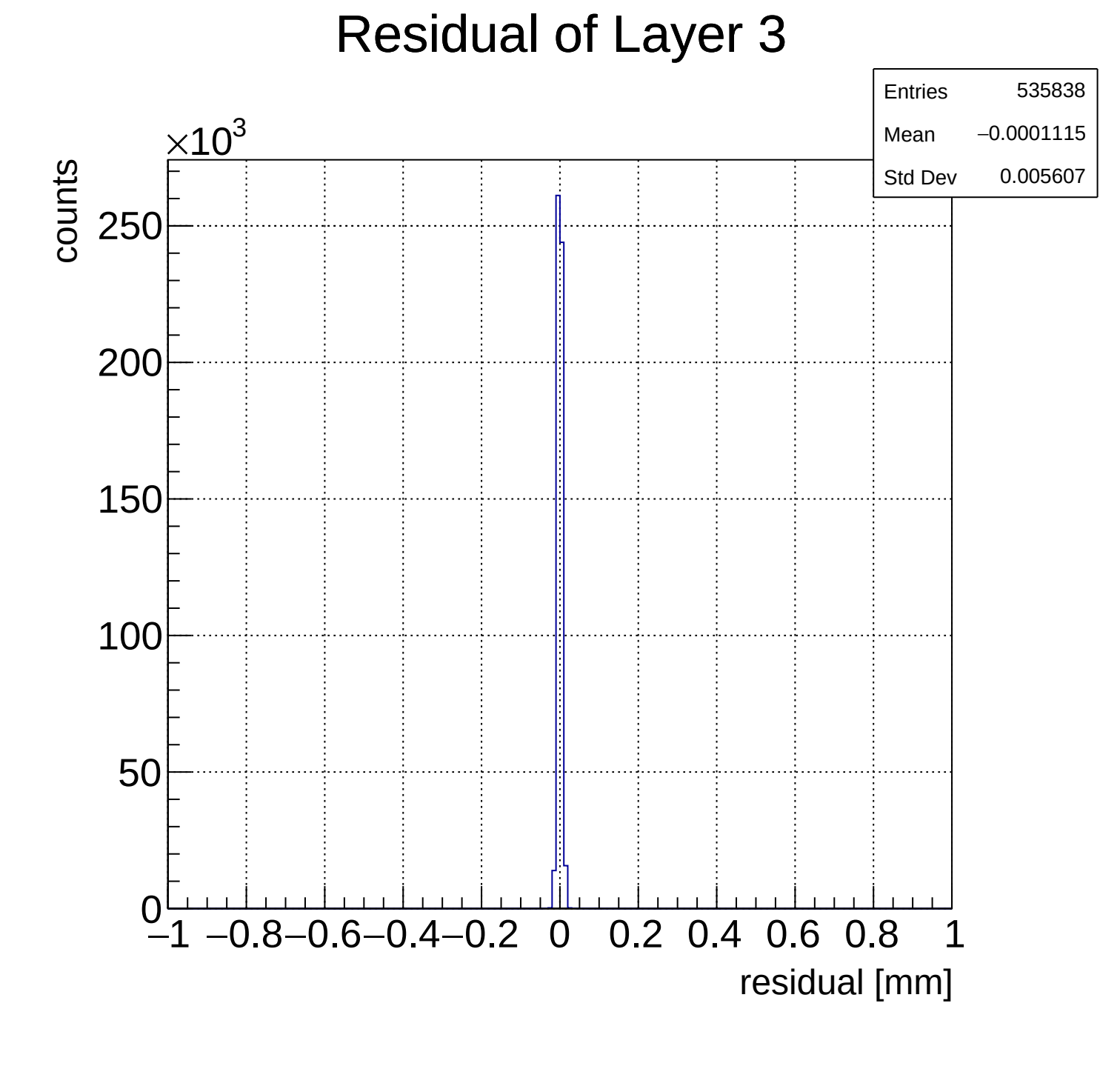

χ^2 distribution
Entries 535839
Mean 1.587
Std Dev 2.026
$\times 10^3$
counts
100
80
60
40
20
0
0 1 2 3 4 5 6 7 8 9 10
χ^2

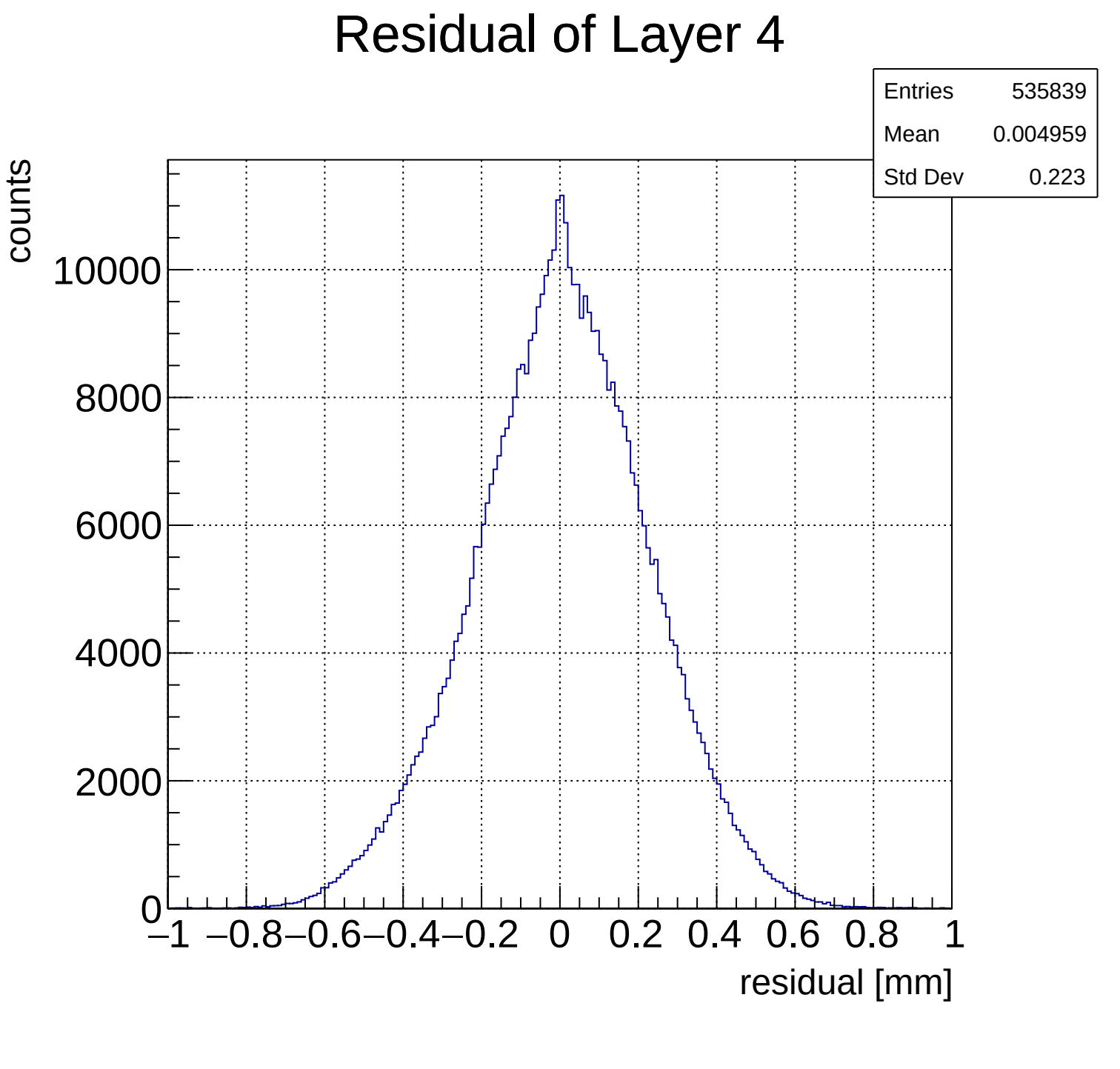

Track position at UTOF
Entries 535839
Mean x −5.089
Mean y −1.554
Std Dev x 30.1
Std Dev y 29.36
y [mm]
x [mm]
200
150
100
50
0
−50
−100
−150
−200
−200 −150 −100 −50 0 50 100 150 200
200
150
100
50
0

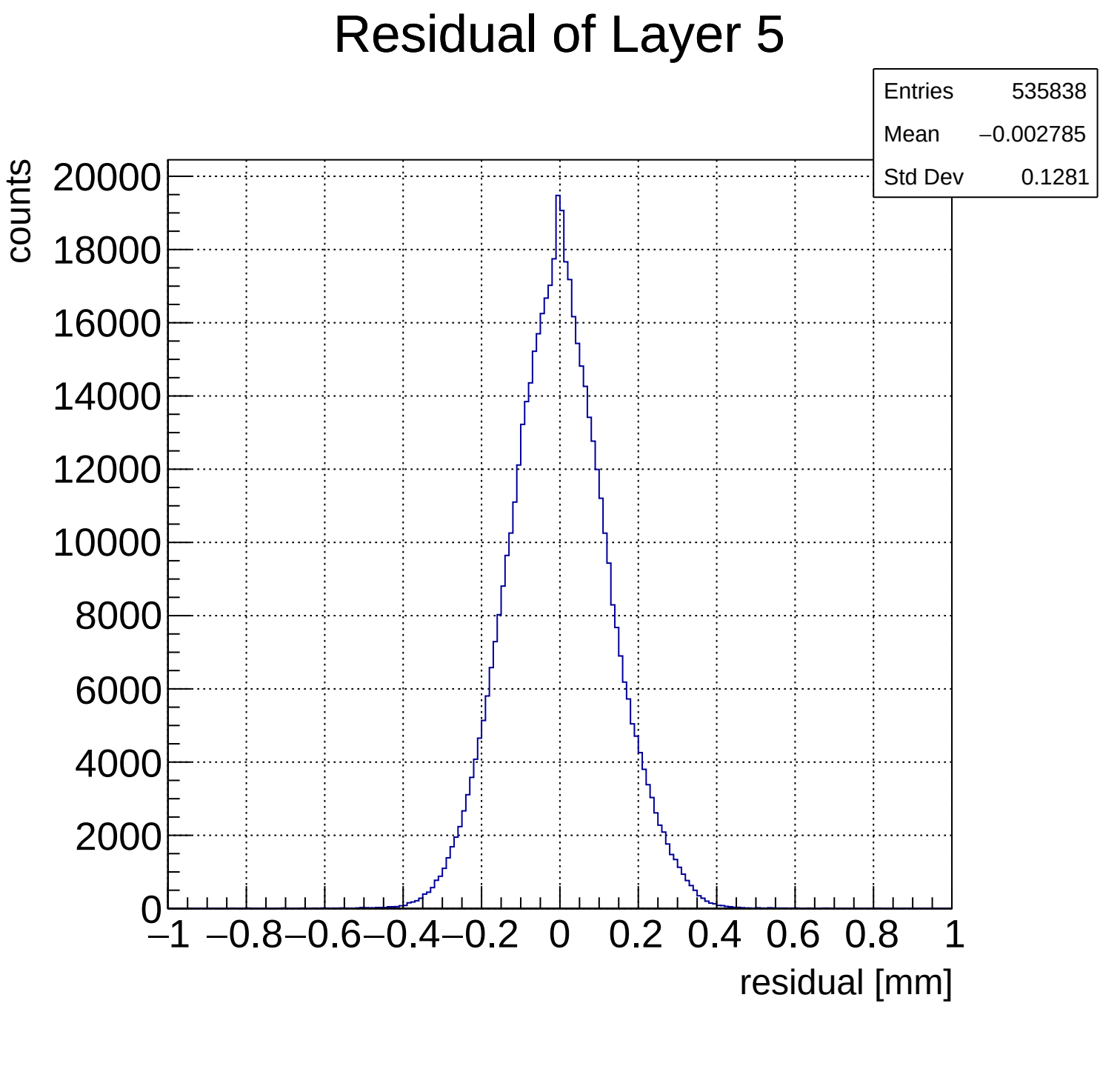

Track slope at UTOF
Entries 535839
Mean x −0.006363
Mean y 0.004271
Std Dev x 0.02686
Std Dev y 0.03055
dy/dz
dx/dz
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
−1 −0.8 −0.6 −0.4 −0.2 0 0.2 0.4 0.6 0.8 1
20000
15000
10000
5000
0

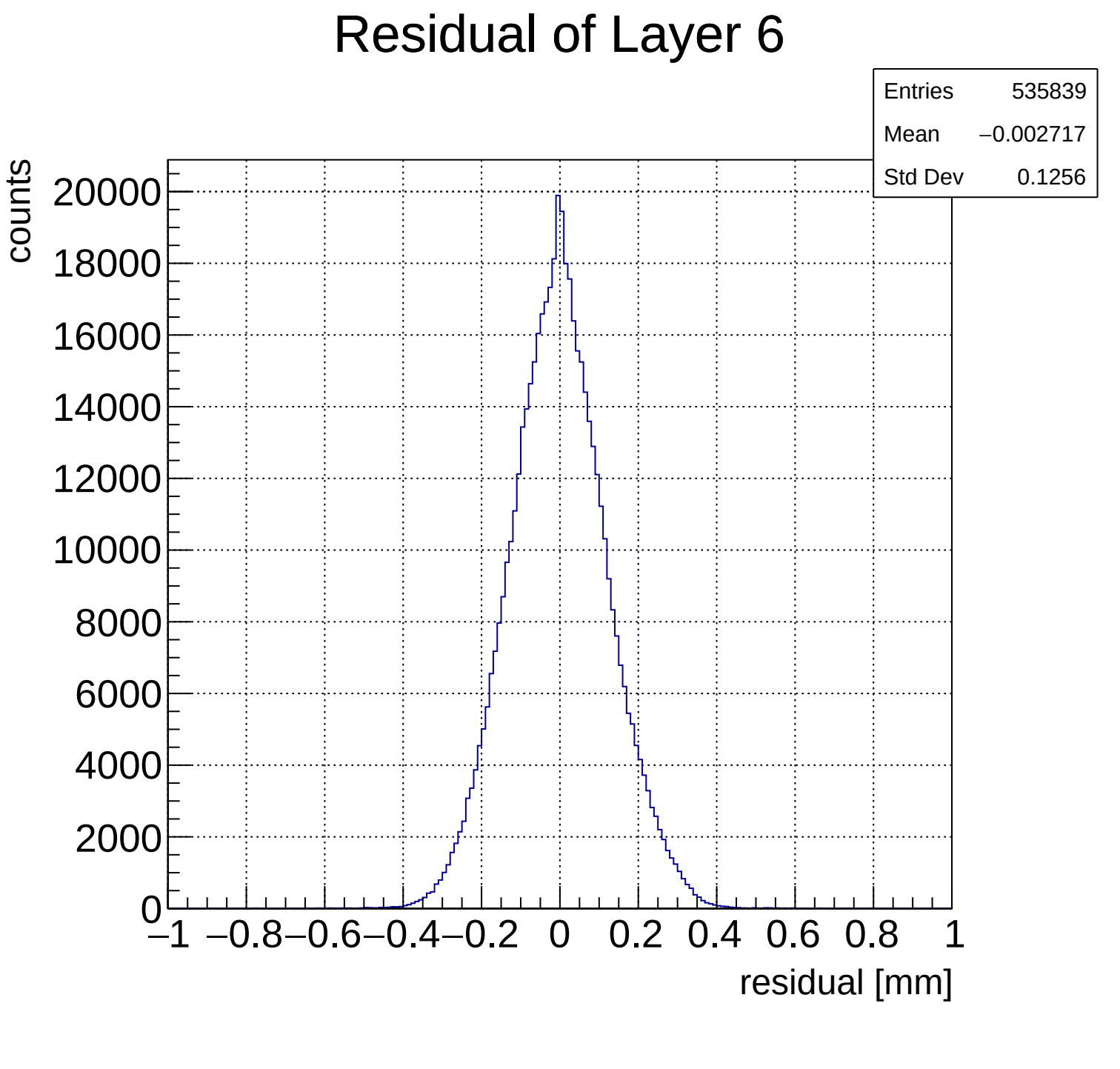

Residual of Layer 1
Entries 0
Mean 0
Std Dev 0
counts
1
0.8
0.6
0.4
0.2
0
–1 –0.8 –0.6 –0.4 –0.2 0 0.2 0.4 0.6 0.8 1
residual [mm]

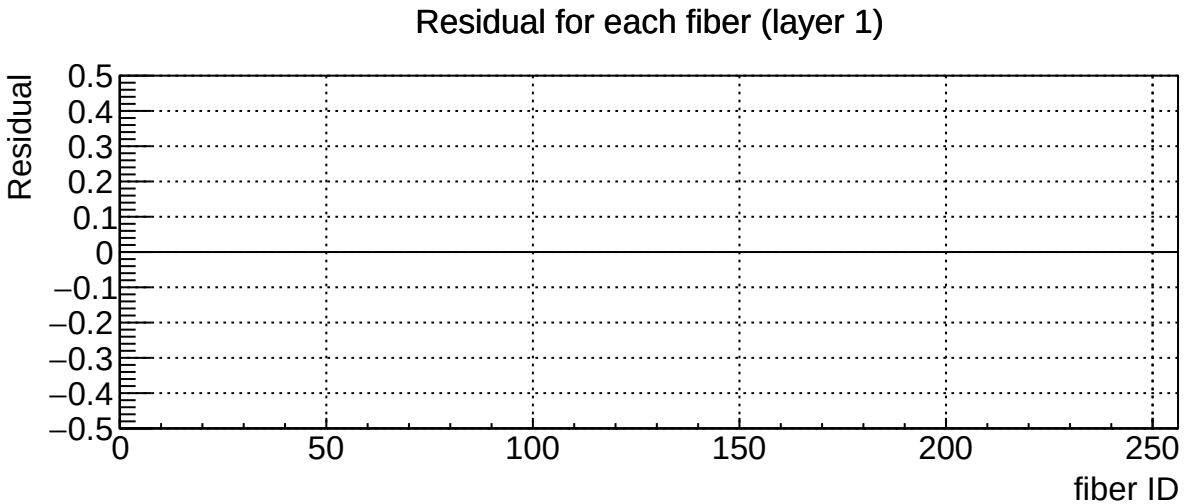

Residual of Layer 2
Entries 535839
Mean −5.576e−05
Std Dev 0.002804
counts
×10^3
250
200
150
100
50
0
−1 −0.8 −0.6 −0.4 −0.2 0 0.2 0.4 0.6 0.8 1
residual [mm]

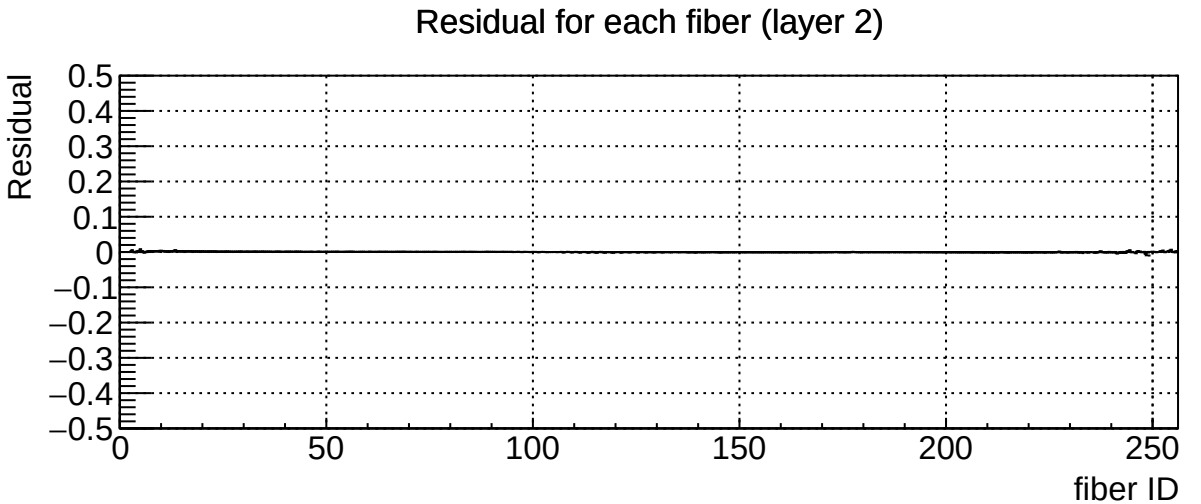

Residual of Layer 3
Entries 535838
Mean −0.0001115
Std Dev 0.005607
×10^3
counts
250
200
150
100
50
0
−1 −0.8 −0.6 −0.4 −0.2 0 0.2 0.4 0.6 0.8 1
residual [mm]

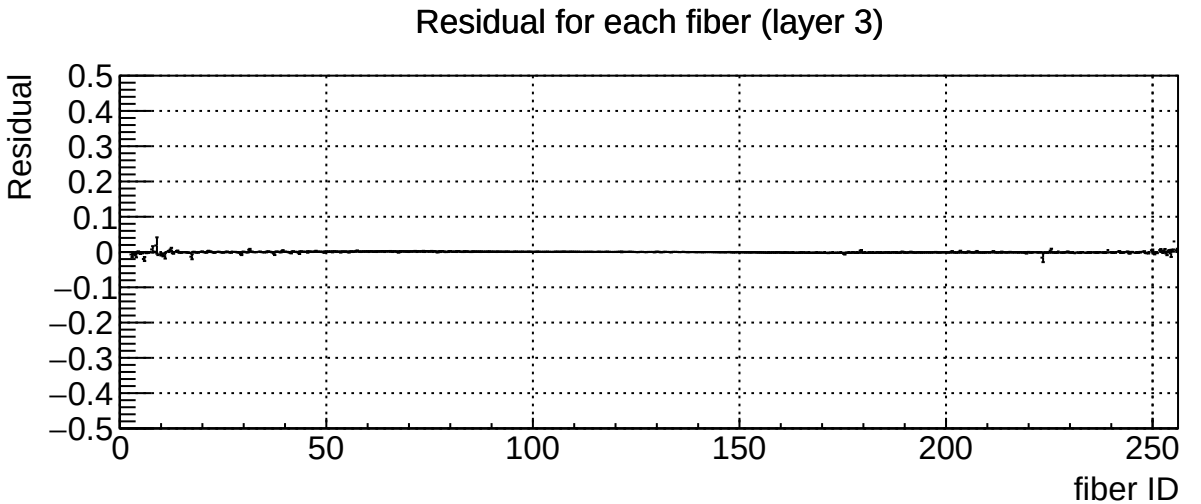

Residual of Layer 4
Entries 535839
Mean 0.004959
Std Dev 0.223
counts
10000
8000
6000
4000
2000
0
–1 –0.8 –0.6 –0.4 –0.2 0 0.2 0.4 0.6 0.8 1
residual [mm]

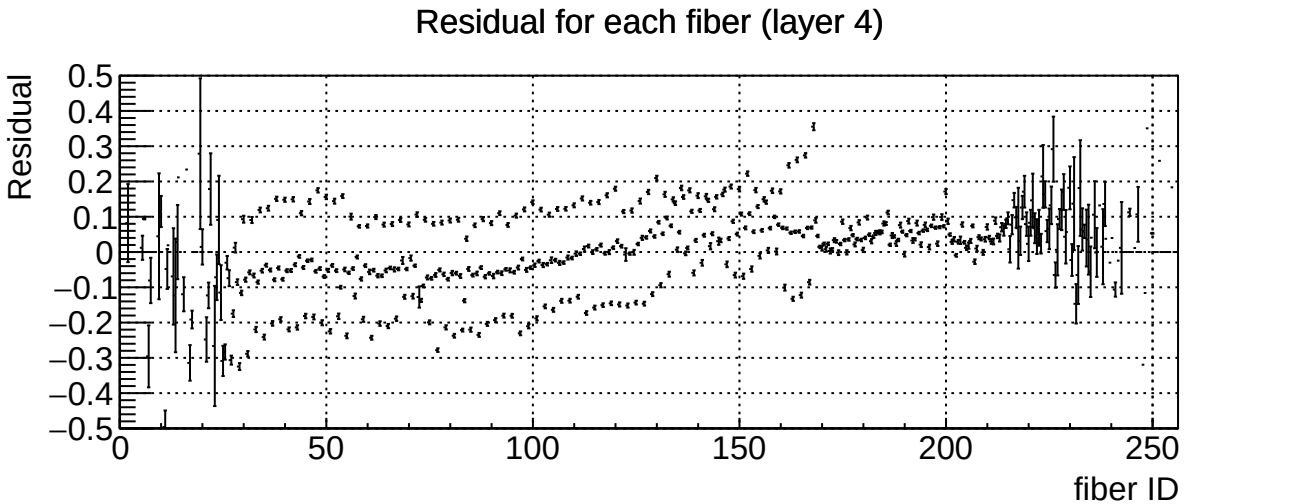

Residual of Layer 5
Entries 535838
Mean −0.002785
Std Dev 0.1281
counts
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
−1 −0.8 −0.6 −0.4 −0.2 0 0.2 0.4 0.6 0.8 1
residual [mm]

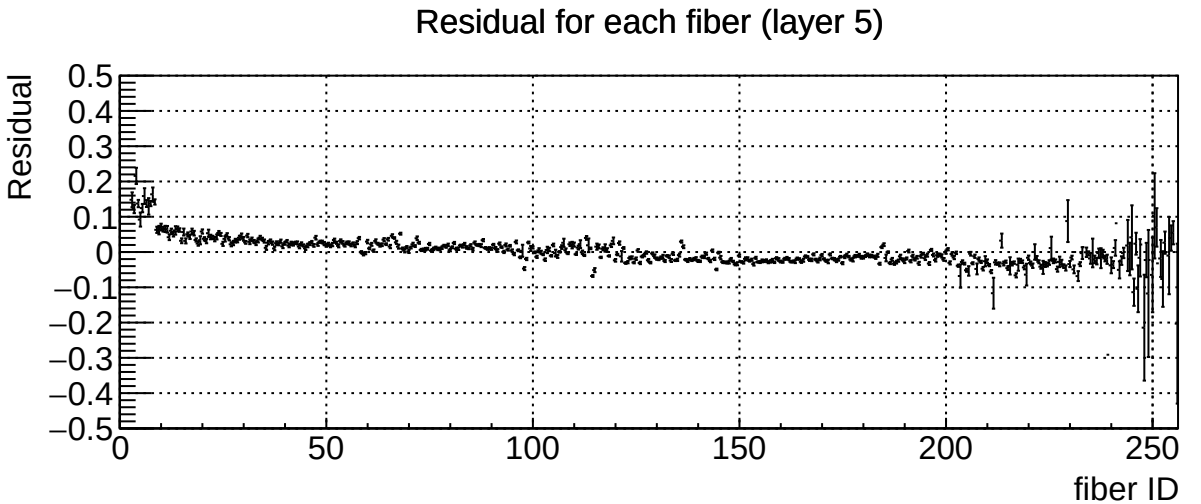

Residual of Layer 6
Entries 535839
Mean −0.002717
Std Dev 0.1256
counts
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
−1 −0.8 −0.6 −0.4 −0.2 0 0.2 0.4 0.6 0.8 1
residual [mm]

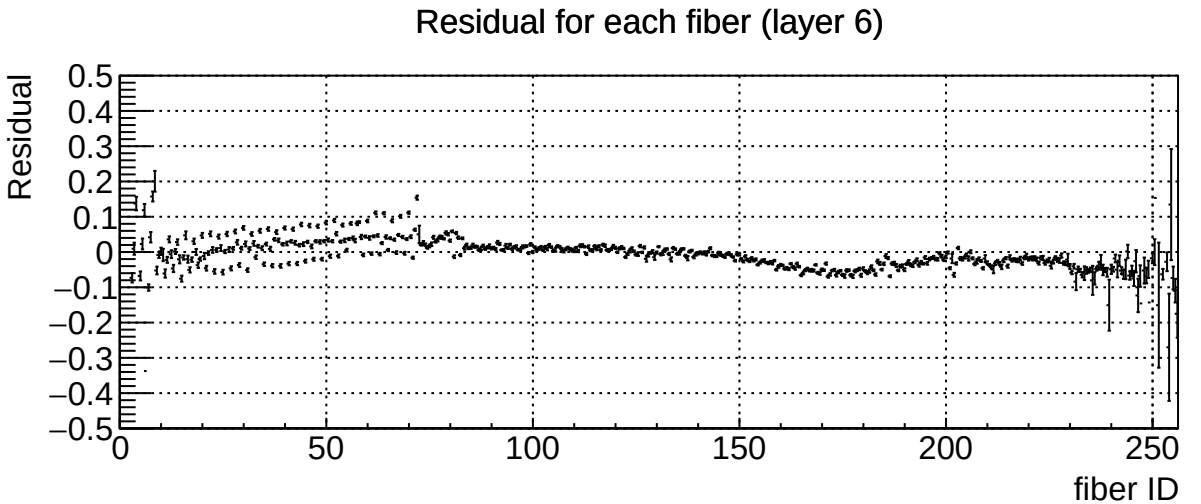

Residual for each fiber (layer 1)
Residual
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
50
100
150
200
250
fiber ID

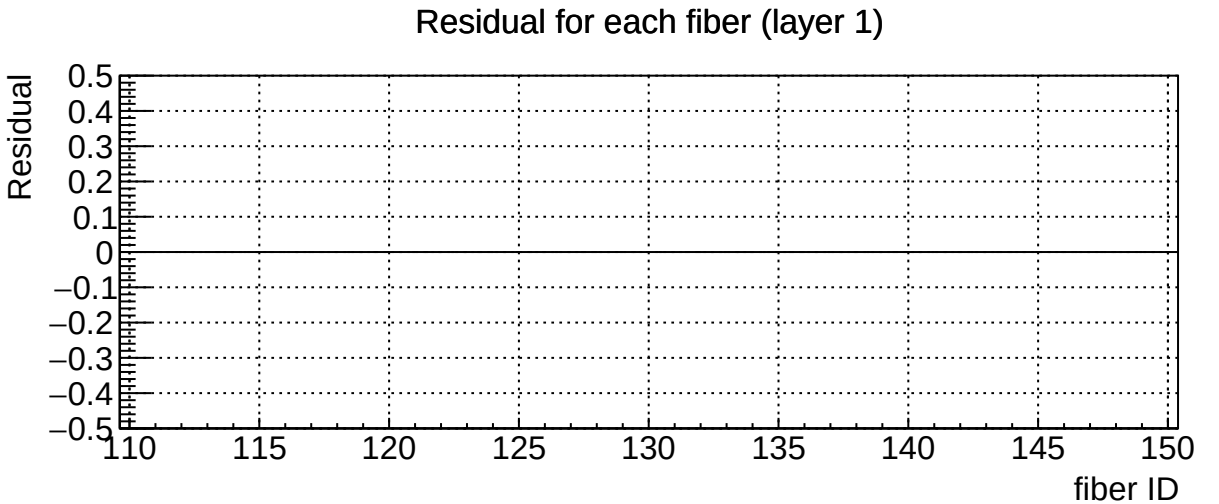

Residual for each fiber (layer 2)
Residual
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
50
100
150
200
250
fiber ID

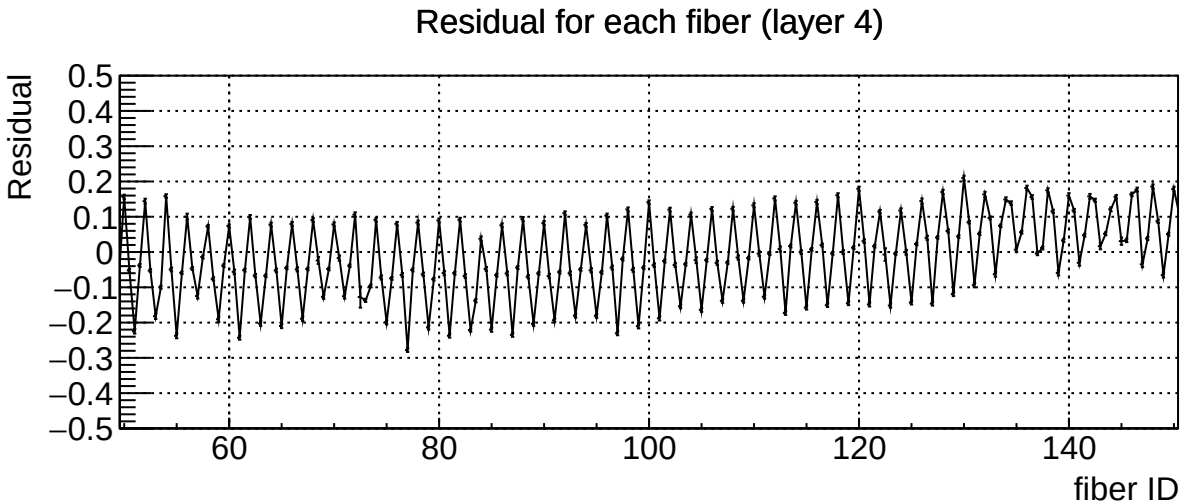

Residual for each fiber (layer 3)
Residual
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
50
100
150
200
250
fiber ID

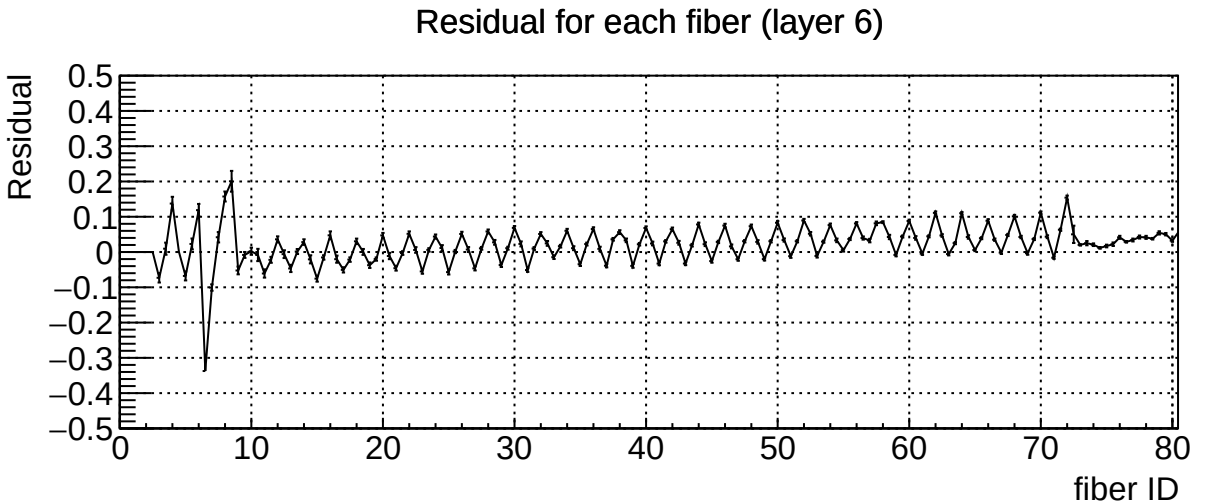

Residual for each fiber (layer 4)
Residual
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
50
100
150
200
250
fiber ID


Residual for each fiber (layer 5)
Residual
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
50
100
150
200
250
fiber ID


Residual for each fiber (layer 6)
Residual
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
50
100
150
200
250
fiber ID


Residual for each fiber (layer 1)
Residual
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
110
115
120
125
130
135
140
145
150
fiber ID


Residual for each fiber (layer 4)
Residual
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
60
80
100
120
140
fiber ID


Residual for each fiber (layer 6)
Residual
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
0
10
20
30
40
50
60
70
80
fiber ID