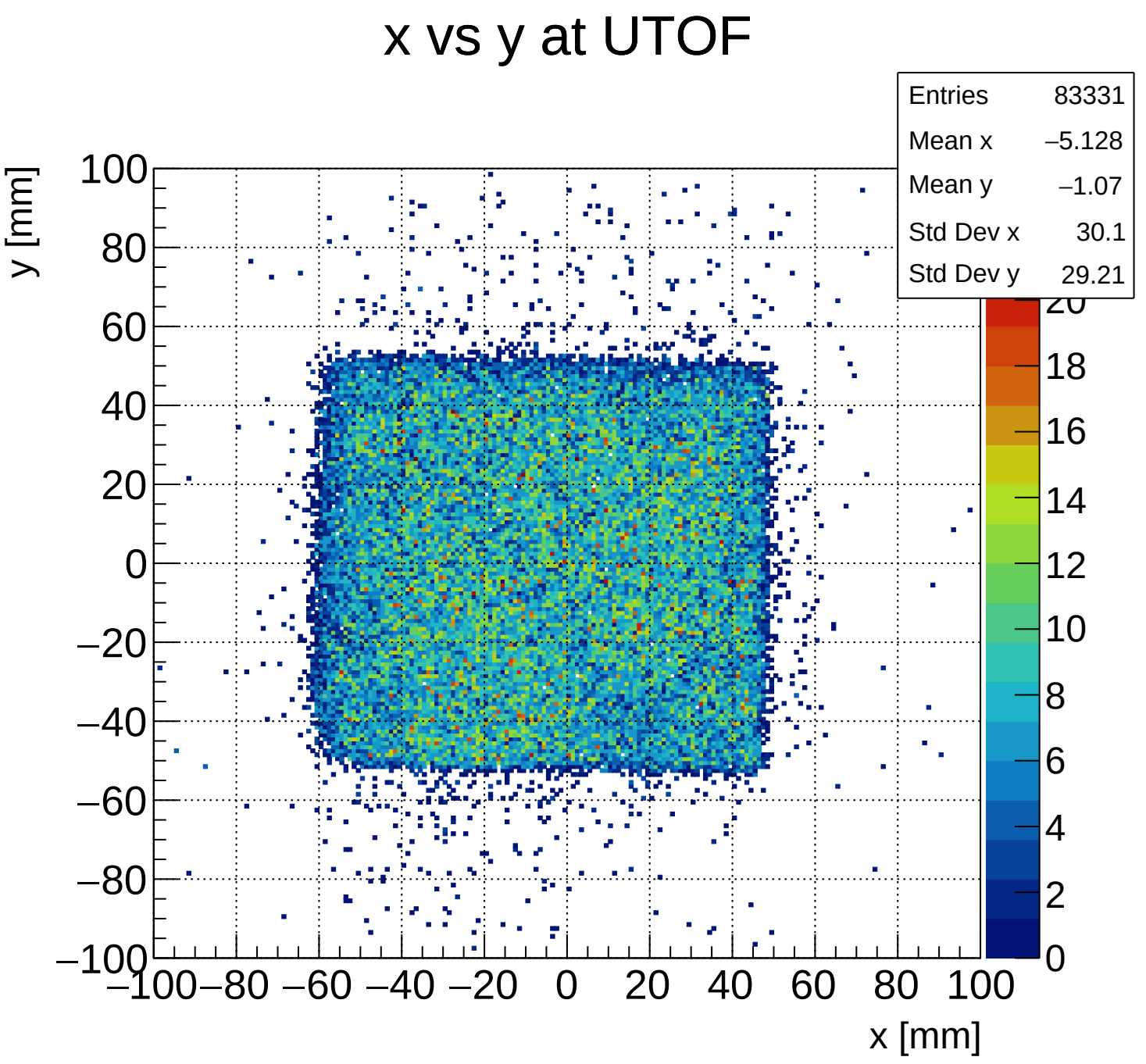
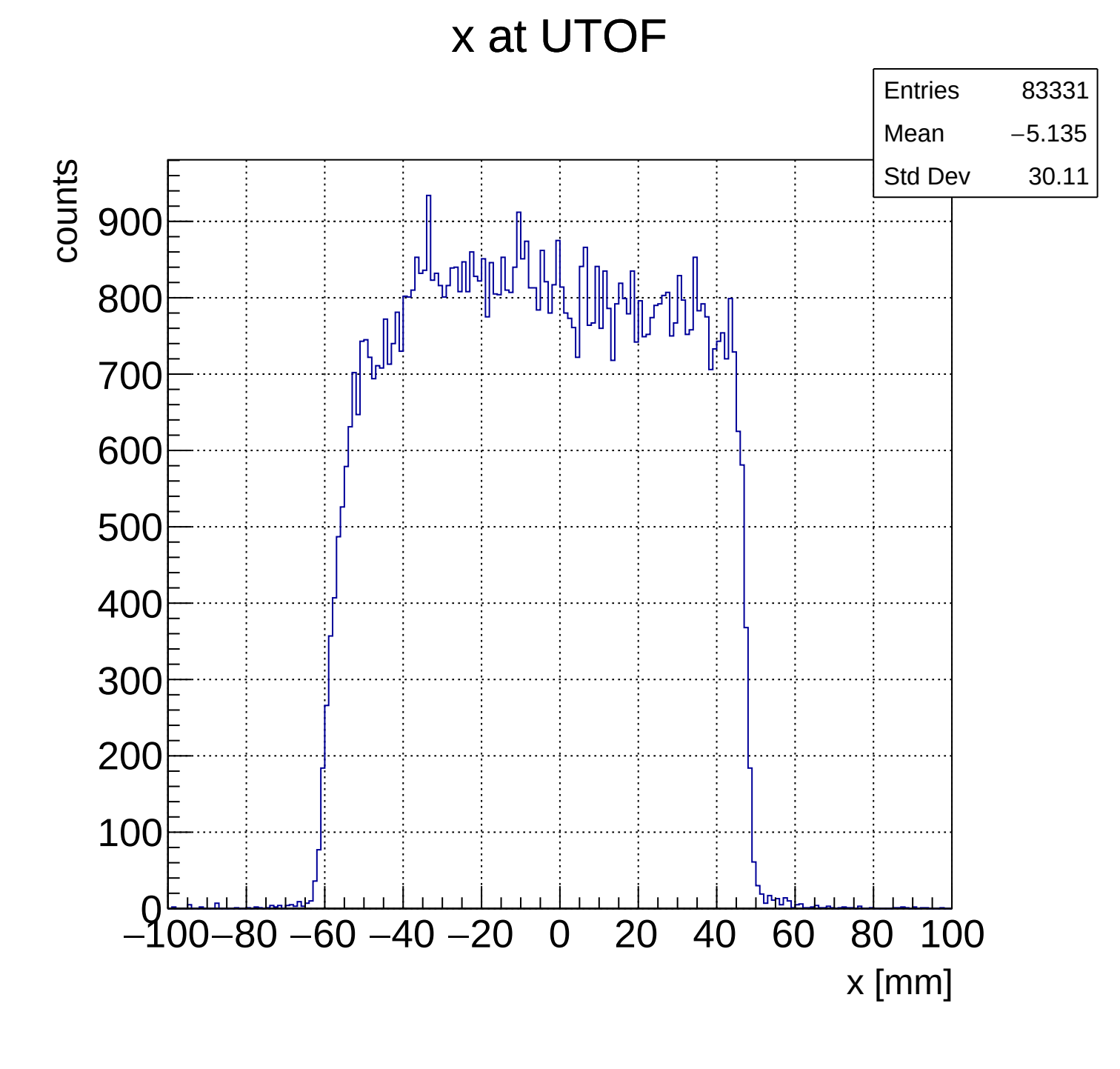
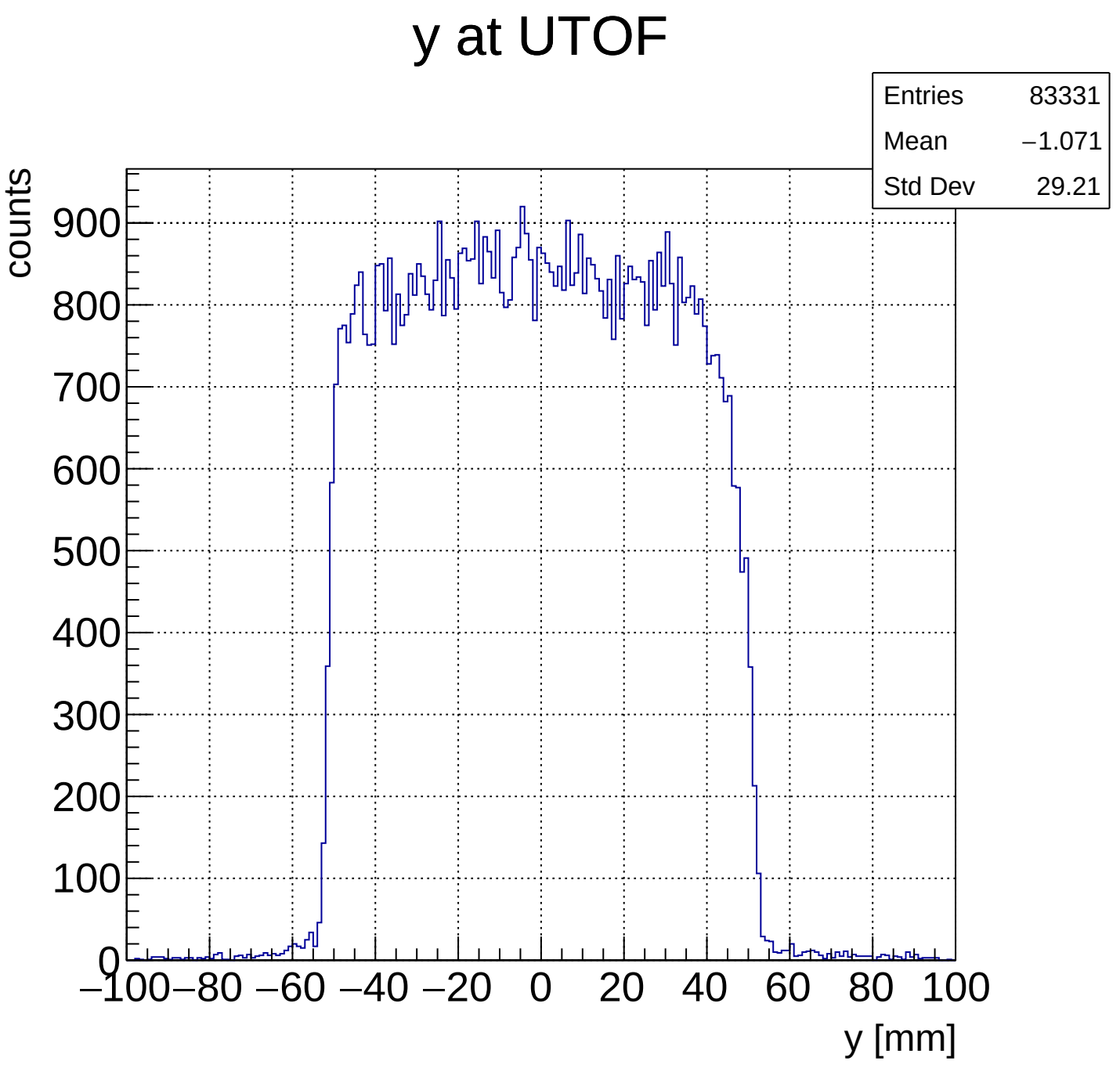
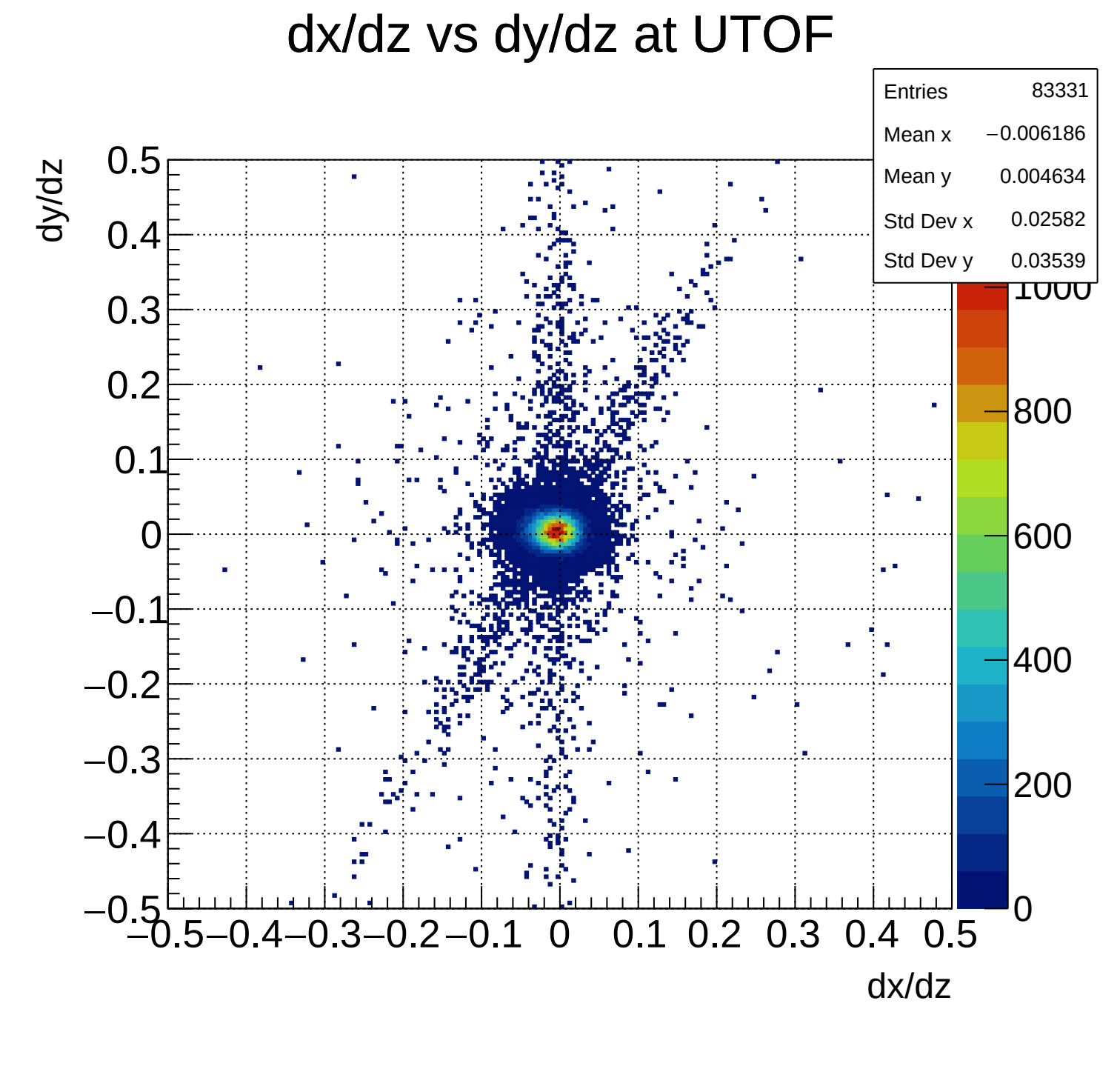
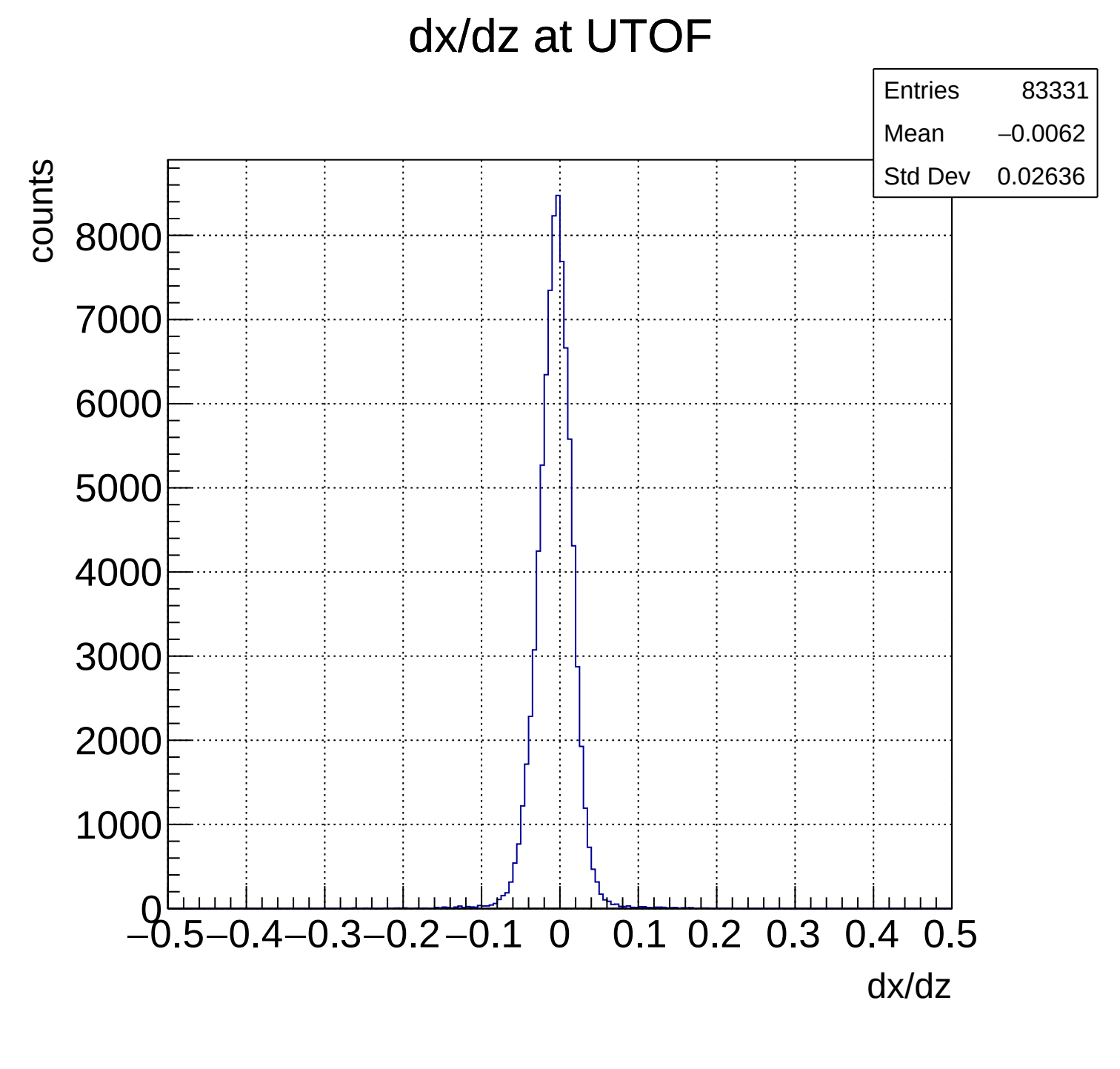
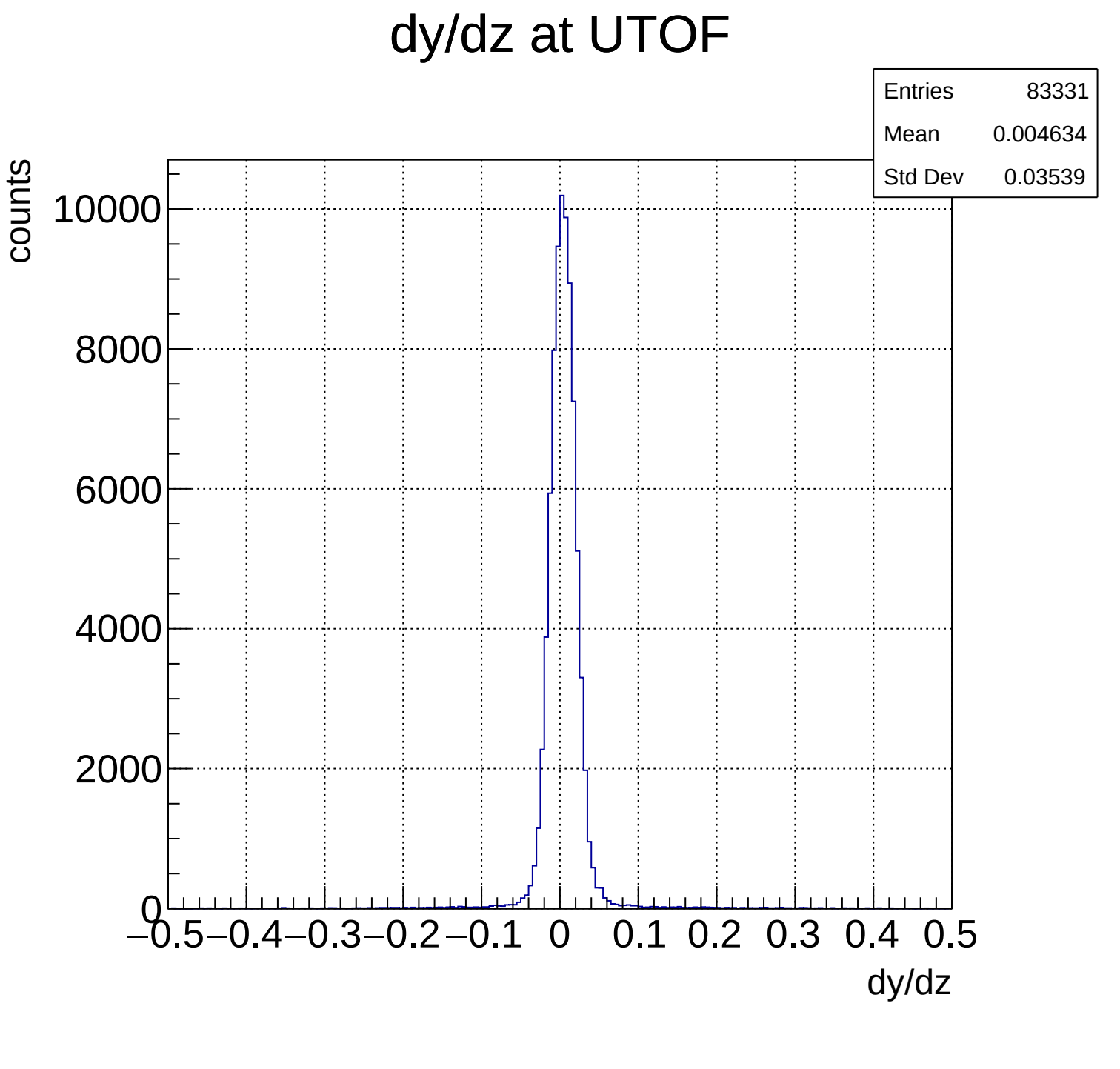

x vs y at UTOF
Entries 83331
Mean x –5.128
Mean y –1.07
Std Dev x 30.1
Std Dev y 29.21
y [mm]
x [mm]
100
80
60
40
20
0
–20
–40
–60
–80
–100
–100 –80 –60 –40 –20 0 20 40 60 80 100
20
18
16
14
12
10
8
6
4
2
0

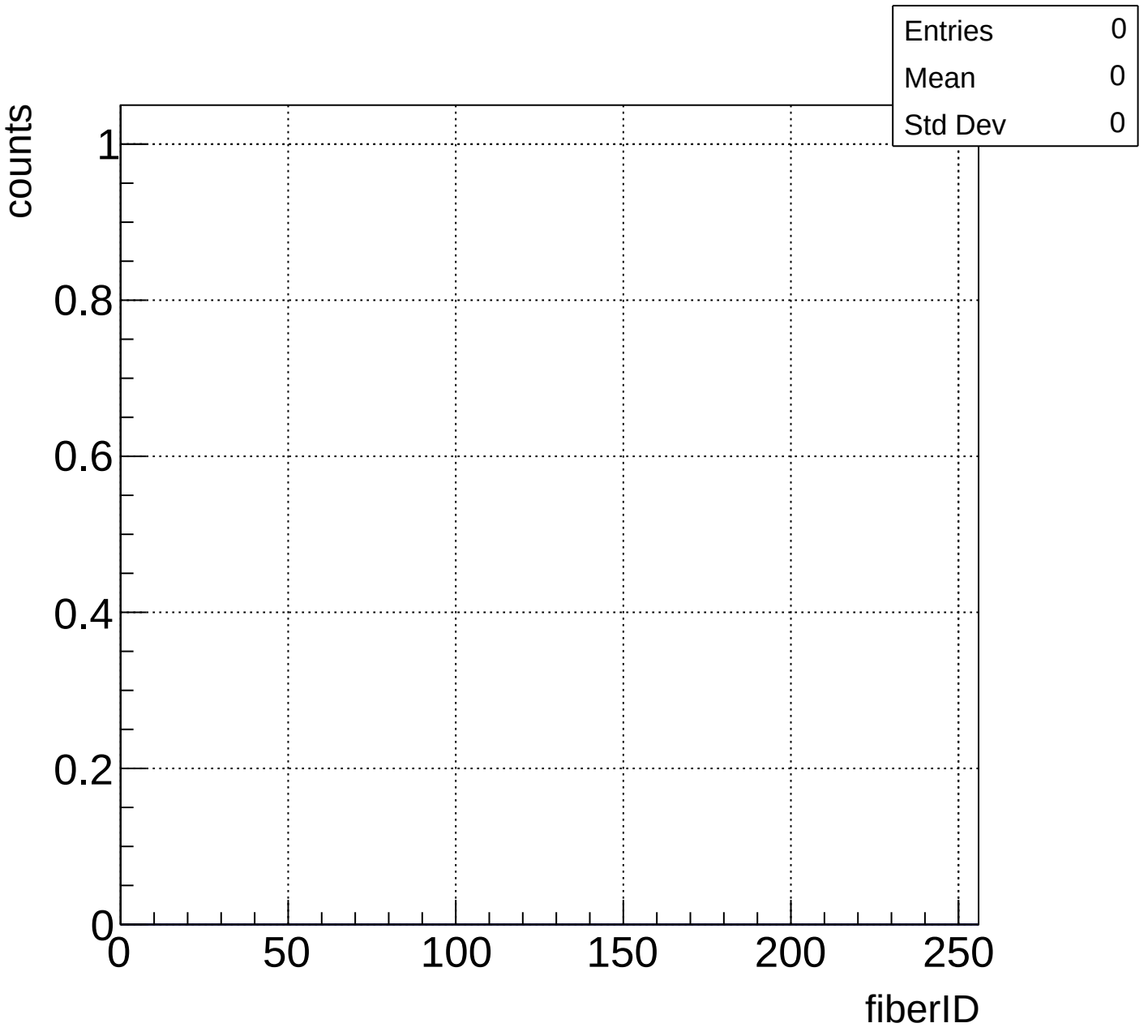

x at UTOF
Entries 83331
Mean −5.135
Std Dev 30.11
counts
900
800
700
600
500
400
300
200
100
0
−100 −80 −60 −40 −20 0 20 40 60 80 100
x [mm]

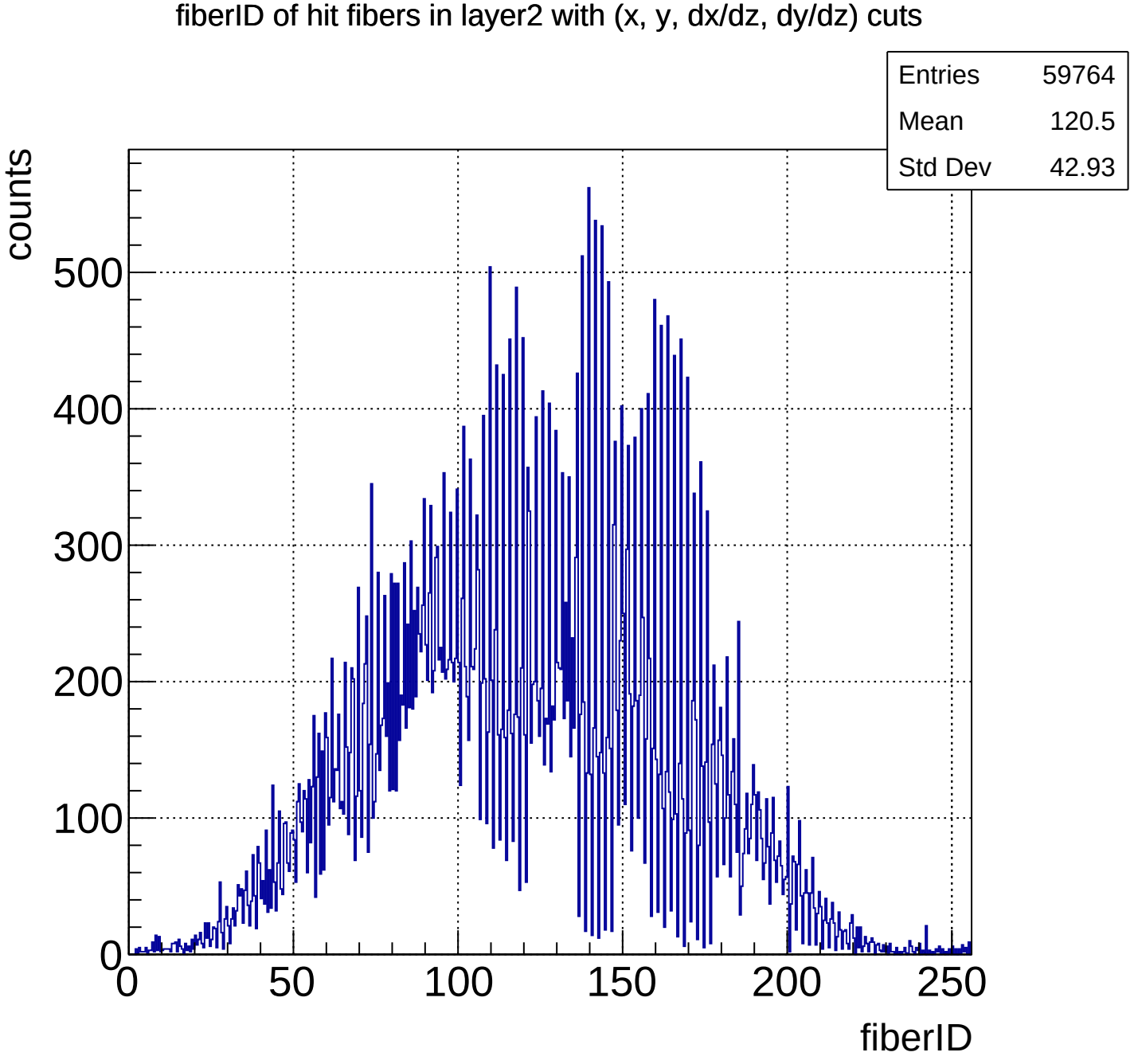

y at UTOF
Entries 83331
Mean −1.071
Std Dev 29.21
counts
900
800
700
600
500
400
300
200
100
0
−100 −80 −60 −40 −20 0 20 40 60 80 100
y [mm]

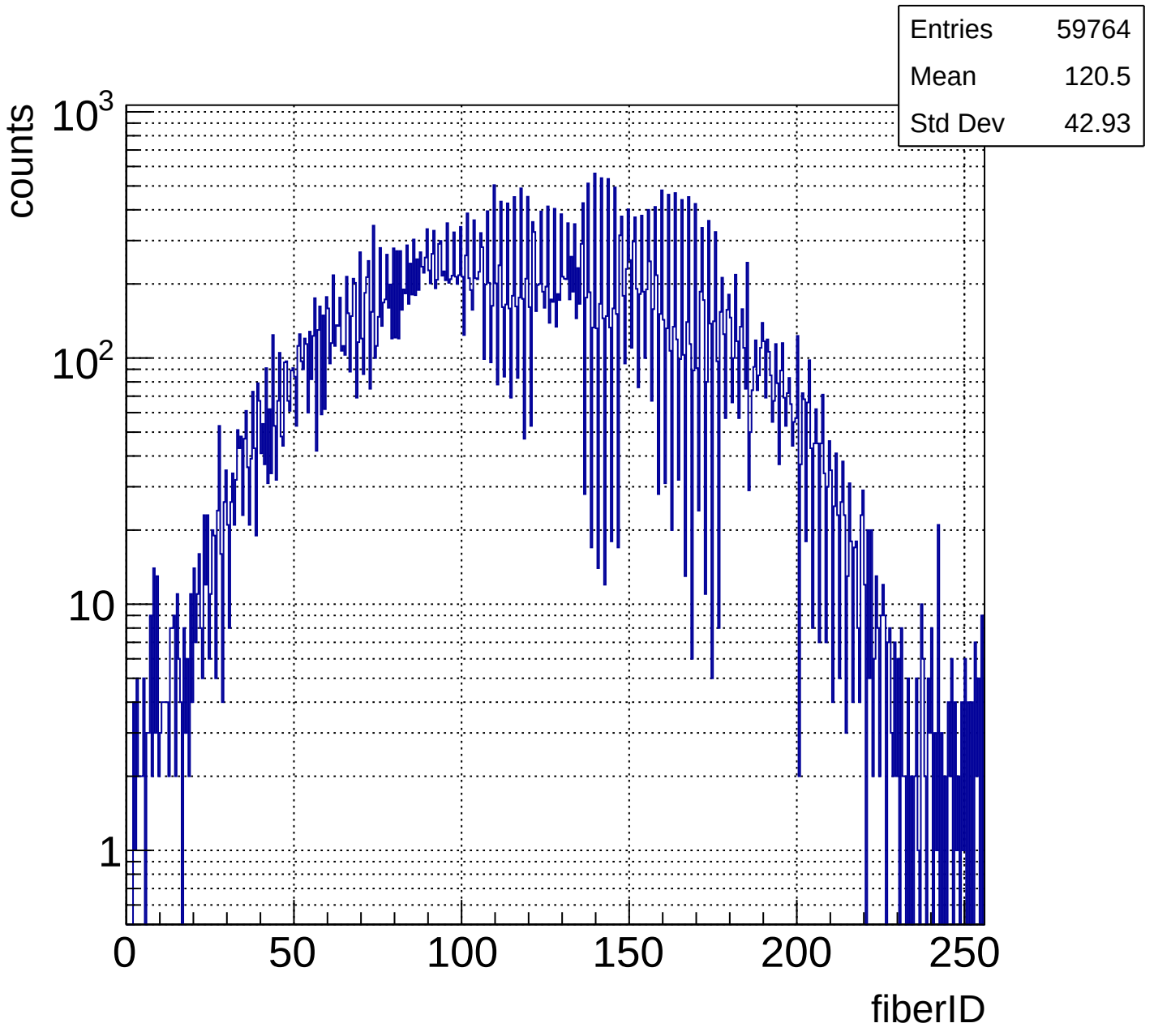

dx/dz vs dy/dz at UTOF
Entries 83331
Mean x −0.006186
Mean y 0.004634
Std Dev x 0.02582
Std Dev y 0.03539
dy/dz
dx/dz
0.5
0.4
0.3
0.2
0.1
0
−0.1
−0.2
−0.3
−0.4
−0.5
−0.5 −0.4 −0.3 −0.2 −0.1 0 0.1 0.2 0.3 0.4 0.5
1000
800
600
400
200
0


dx/dz at UTOF
Entries 83331
Mean –0.0062
Std Dev 0.02636
counts
8000
7000
6000
5000
4000
3000
2000
1000
0
–0.5
–0.4
–0.3
–0.2
–0.1
0
0.1
0.2
0.3
0.4
0.5
dx/dz


dy/dz at UTOF
Entries 83331
Mean 0.004634
Std Dev 0.03539
counts
10000
8000
6000
4000
2000
0
–0.5
–0.4
–0.3
–0.2
–0.1
0
0.1
0.2
0.3
0.4
0.5
dy/dz


fiberID of hit fibers in layer2 when cluster size is zero
Entries 0
Mean 0
Std Dev 0
counts
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250
fiberID


fiberID of hit fibers in layer2 with (x, y, dx/dz, dy/dz) cuts
Entries 59764
Mean 120.5
Std Dev 42.93
counts
0
100
200
300
400
500
0
50
100
150
200
250
fiberID


fiberID of hit fibers in layer2 with (x, y, dx/dz, dy/dz) cuts
Entries 59764
Mean 120.5
Std Dev 42.93
counts
10^3
10^2
10
1
0
50
100
150
200
250
fiberID