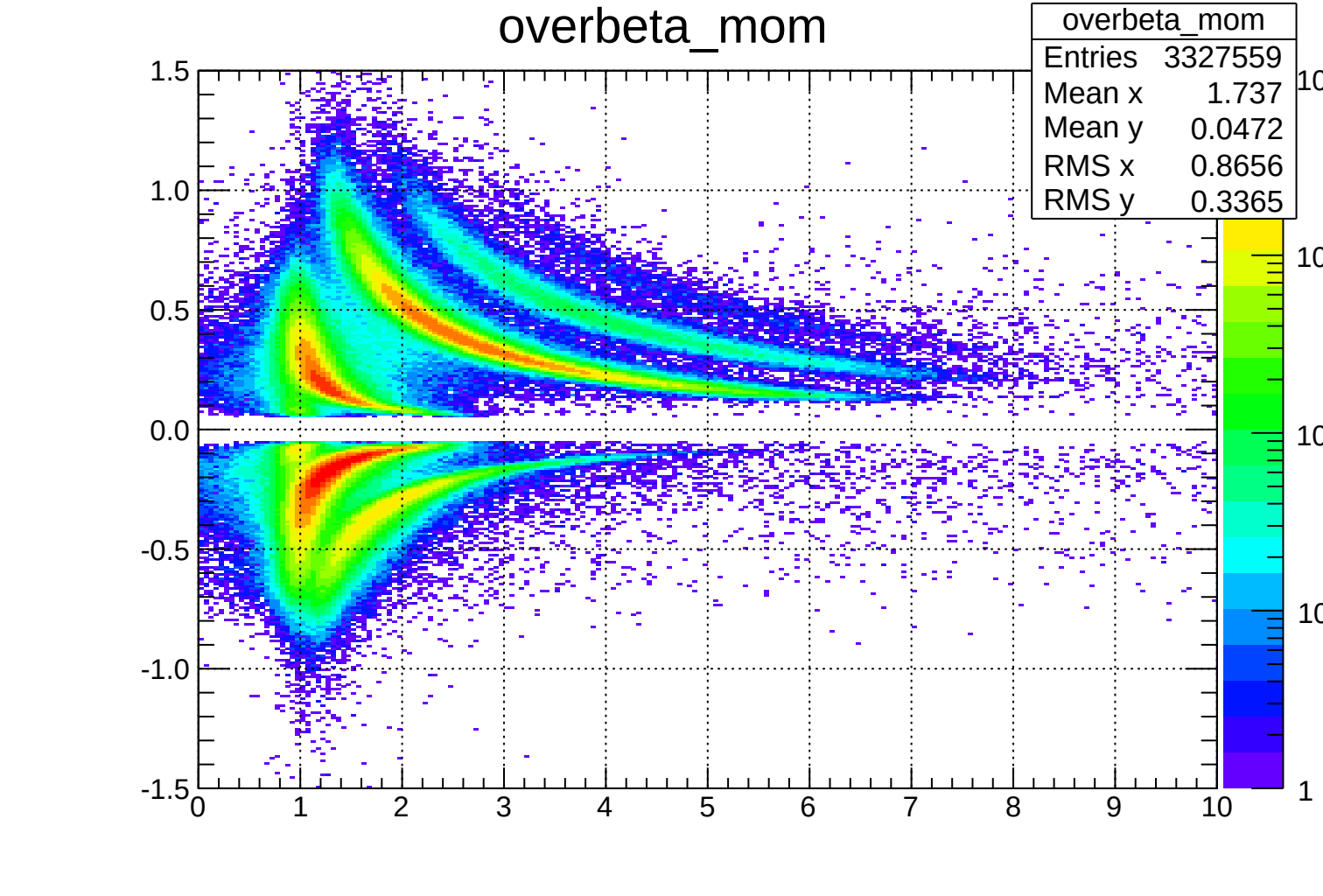
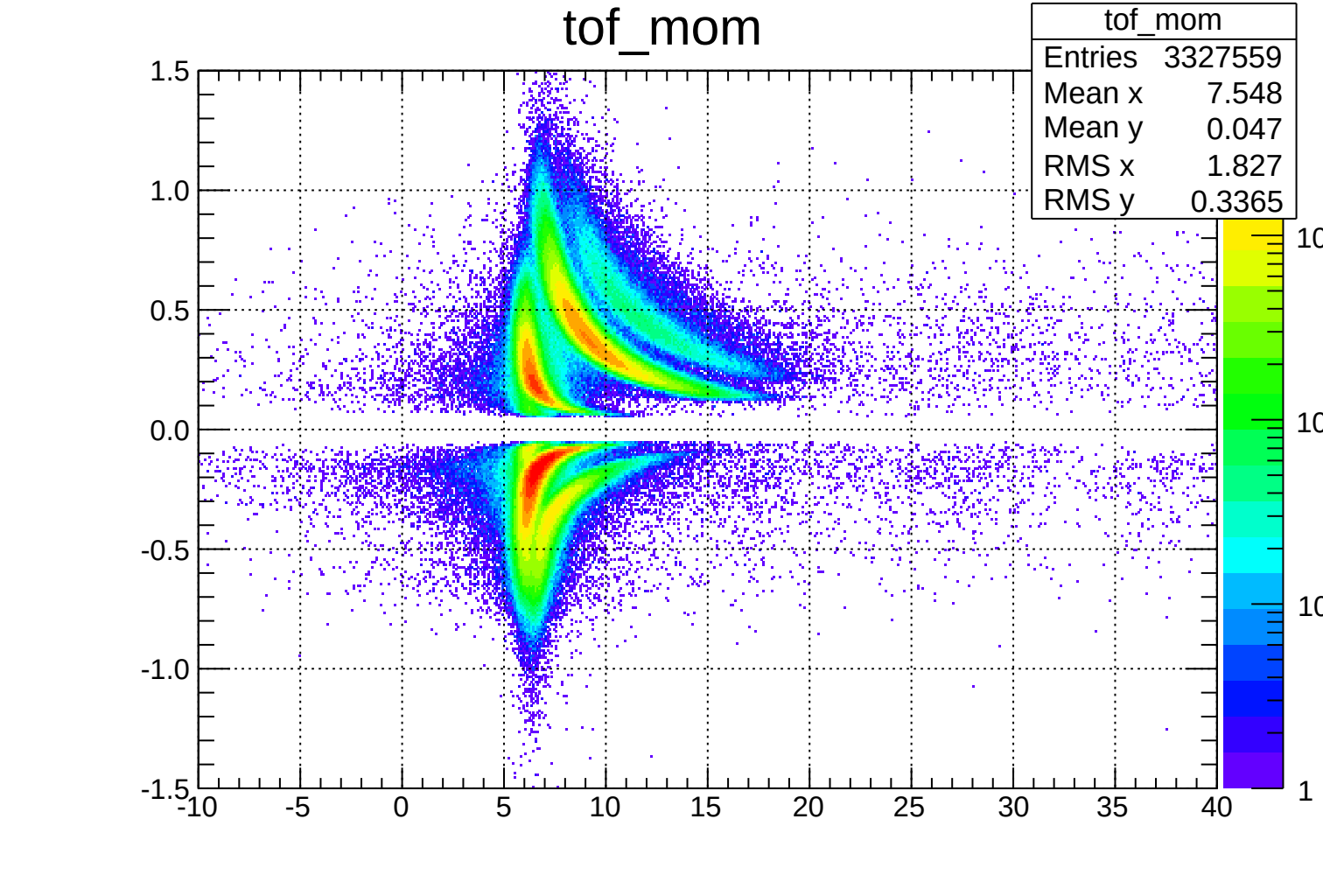
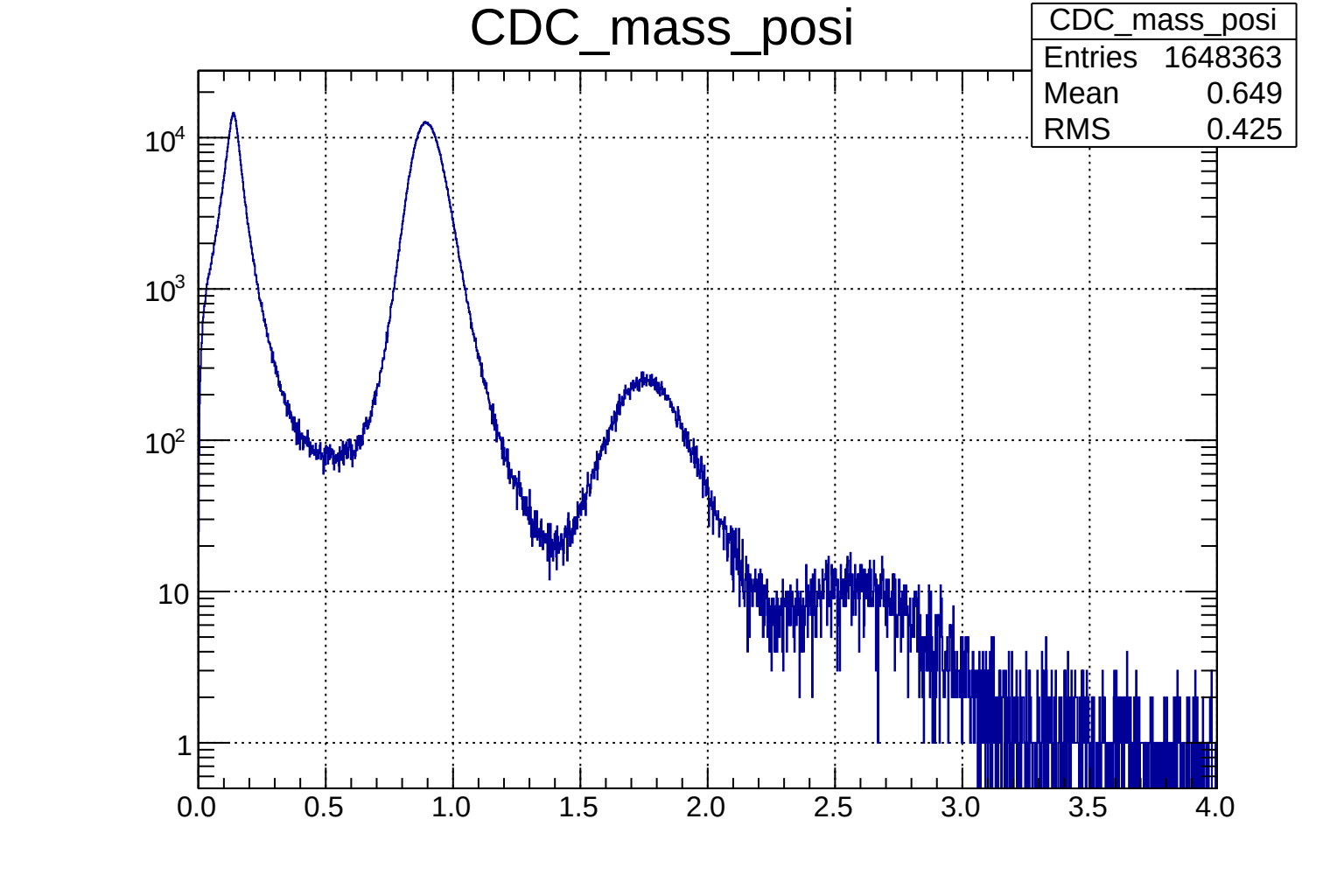
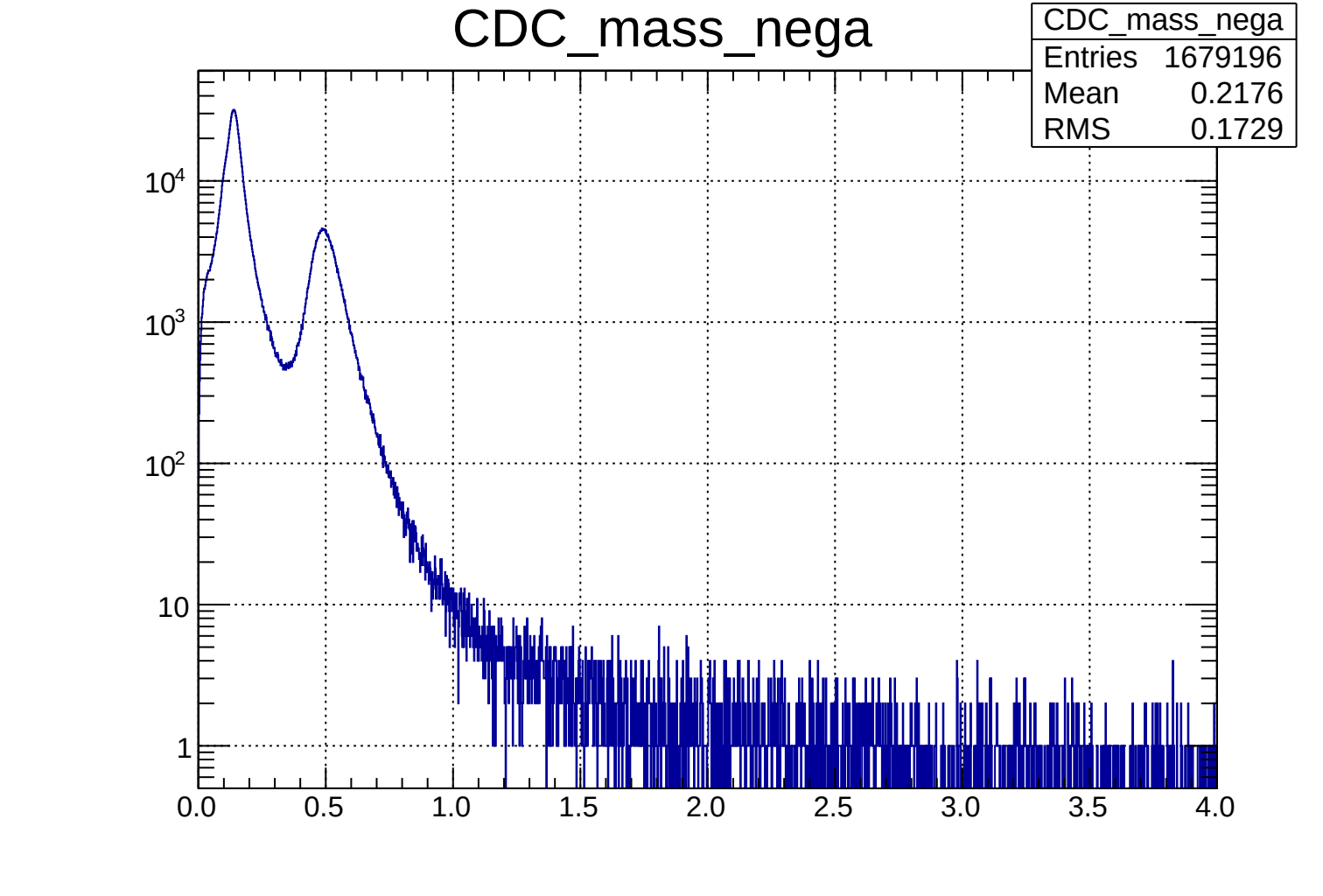
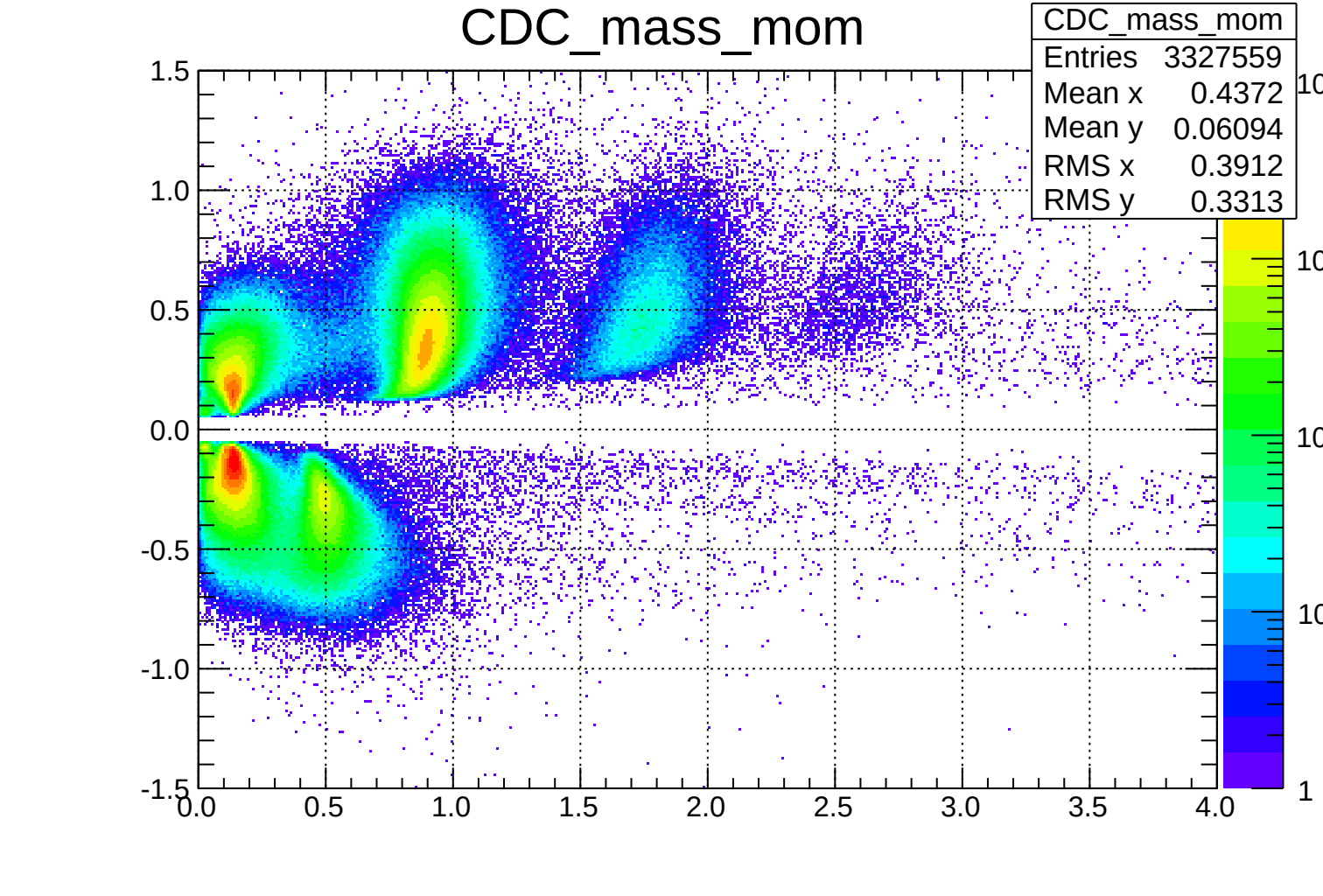
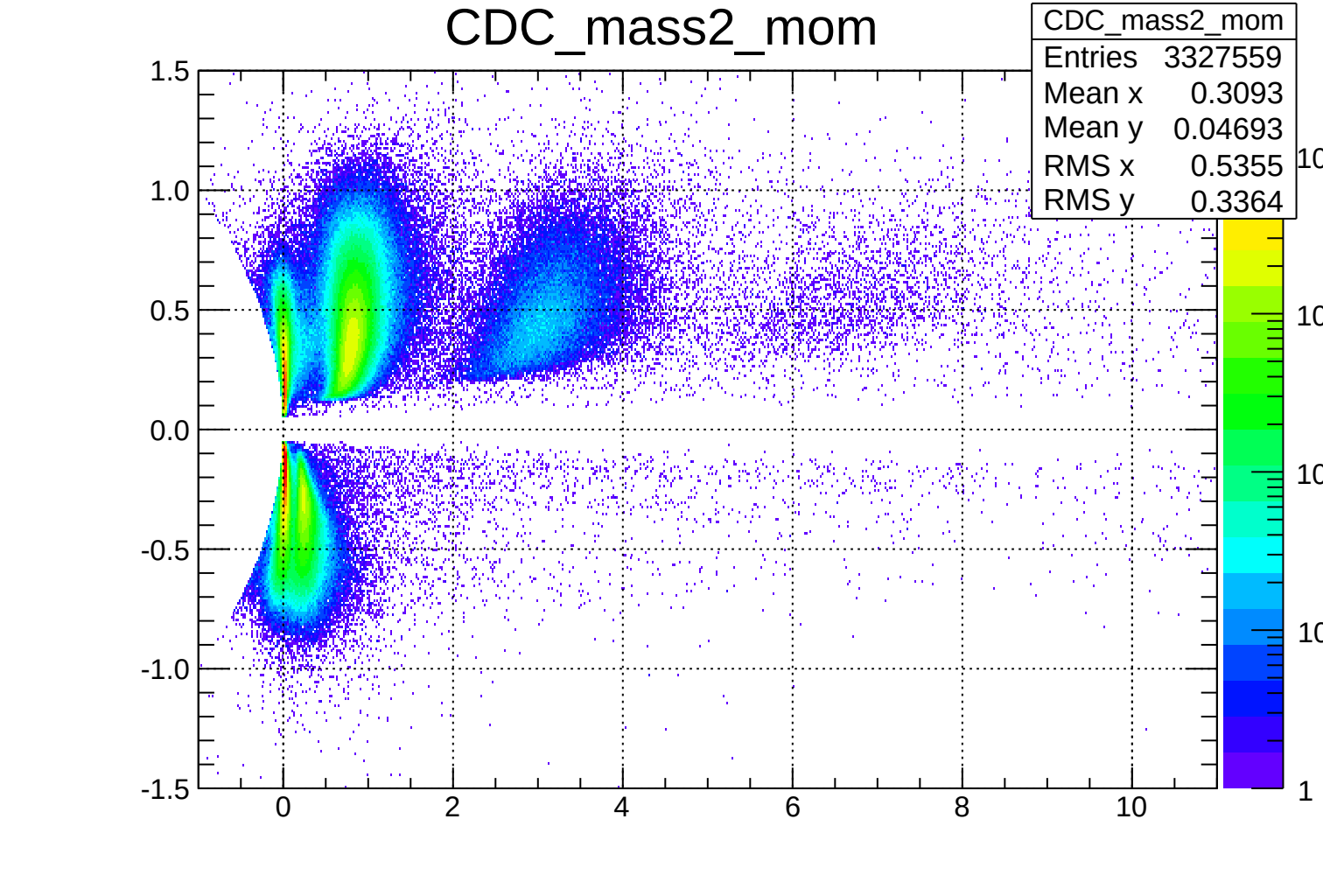

overbeta_mom
overbeta_mom
Entries 3327559
Mean x 1.737
Mean y 0.0472
RMS x 0.8656
RMS y 0.3365
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
1
2
3
4
5
6
7
8
9
10

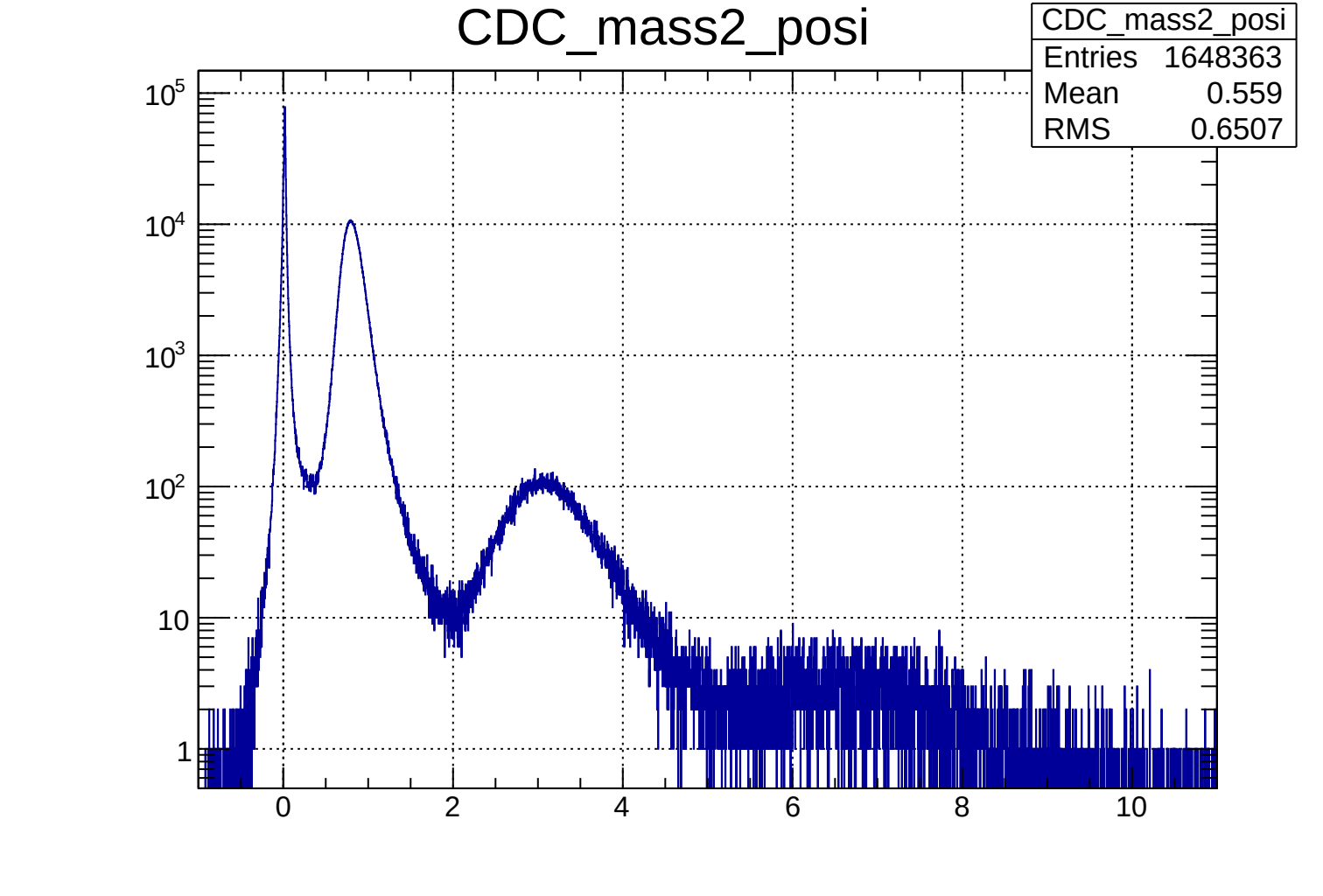

tof_mom
tof_mom
Entries 3327559
Mean x 7.548
Mean y 0.047
RMS x 1.827
RMS y 0.3365
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-10
-5
0
5
10
15
20
25
30
35
40
10
10
10
1

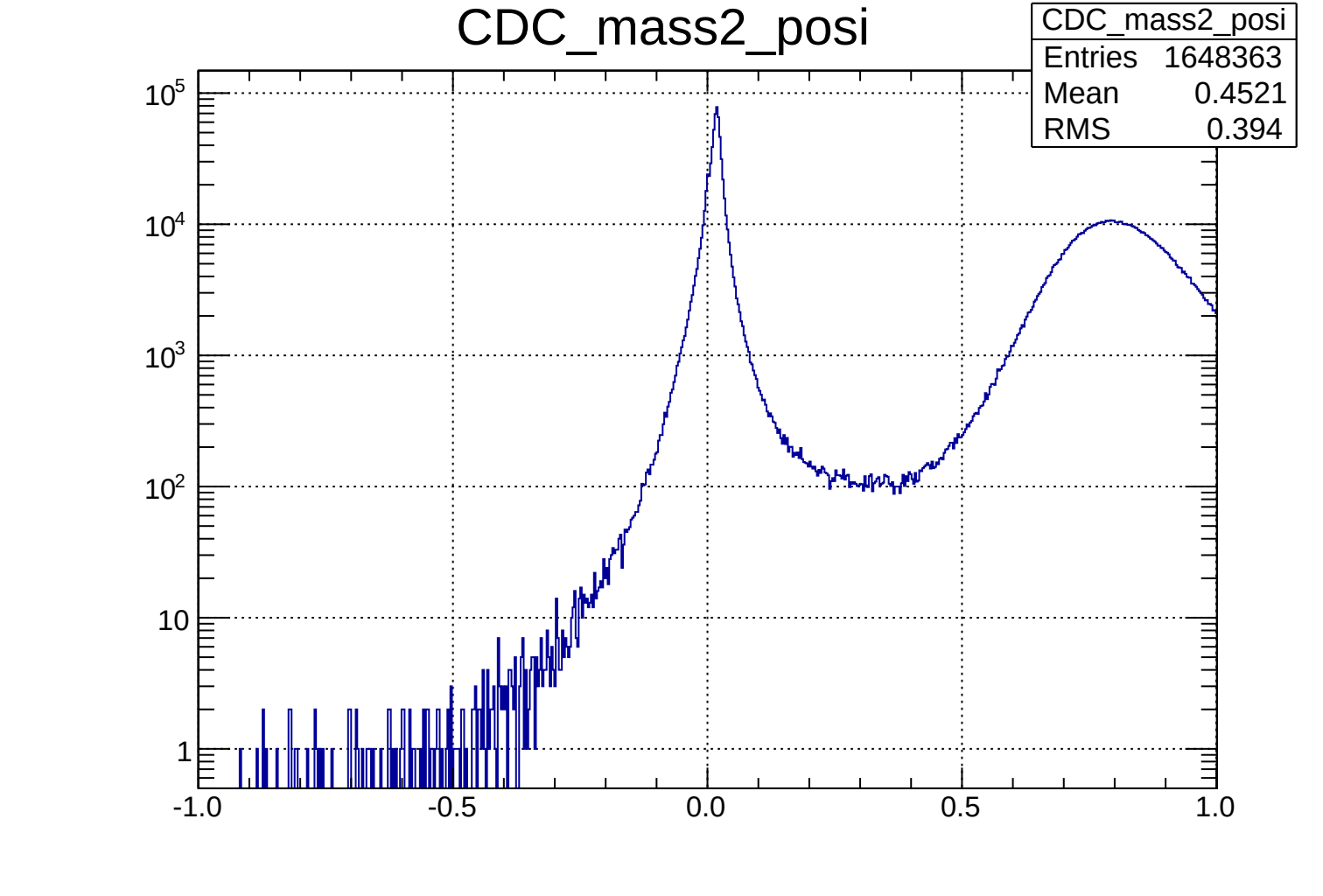

CDC_mass_posi
CDC_mass_posi
Entries 1648363
Mean 0.649
RMS 0.425
10^4
10^3
10^2
10
1
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0

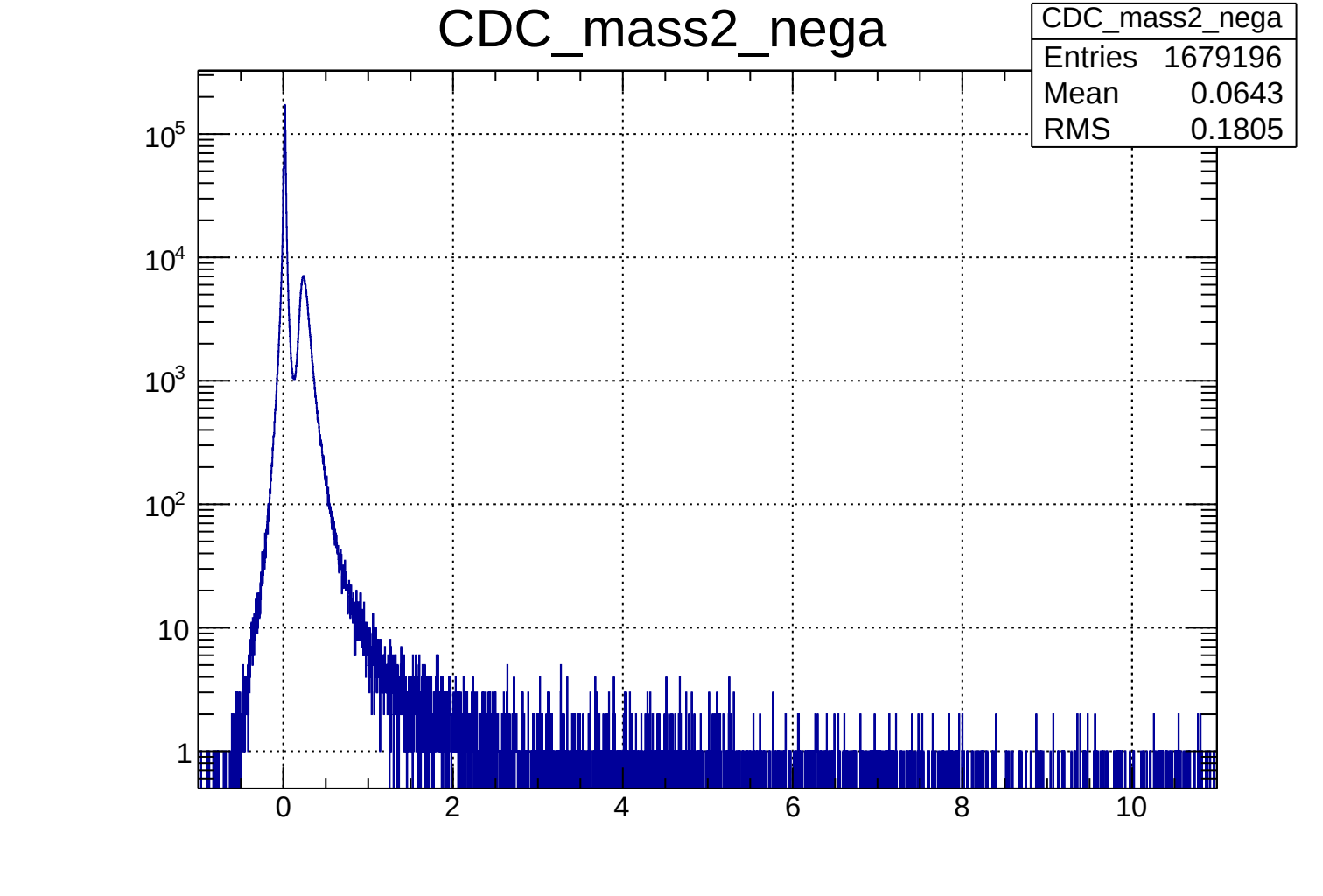

CDC_mass_nega
CDC_mass_nega
Entries 1679196
Mean 0.2176
RMS 0.1729
10^4
10^3
10^2
10
1
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0

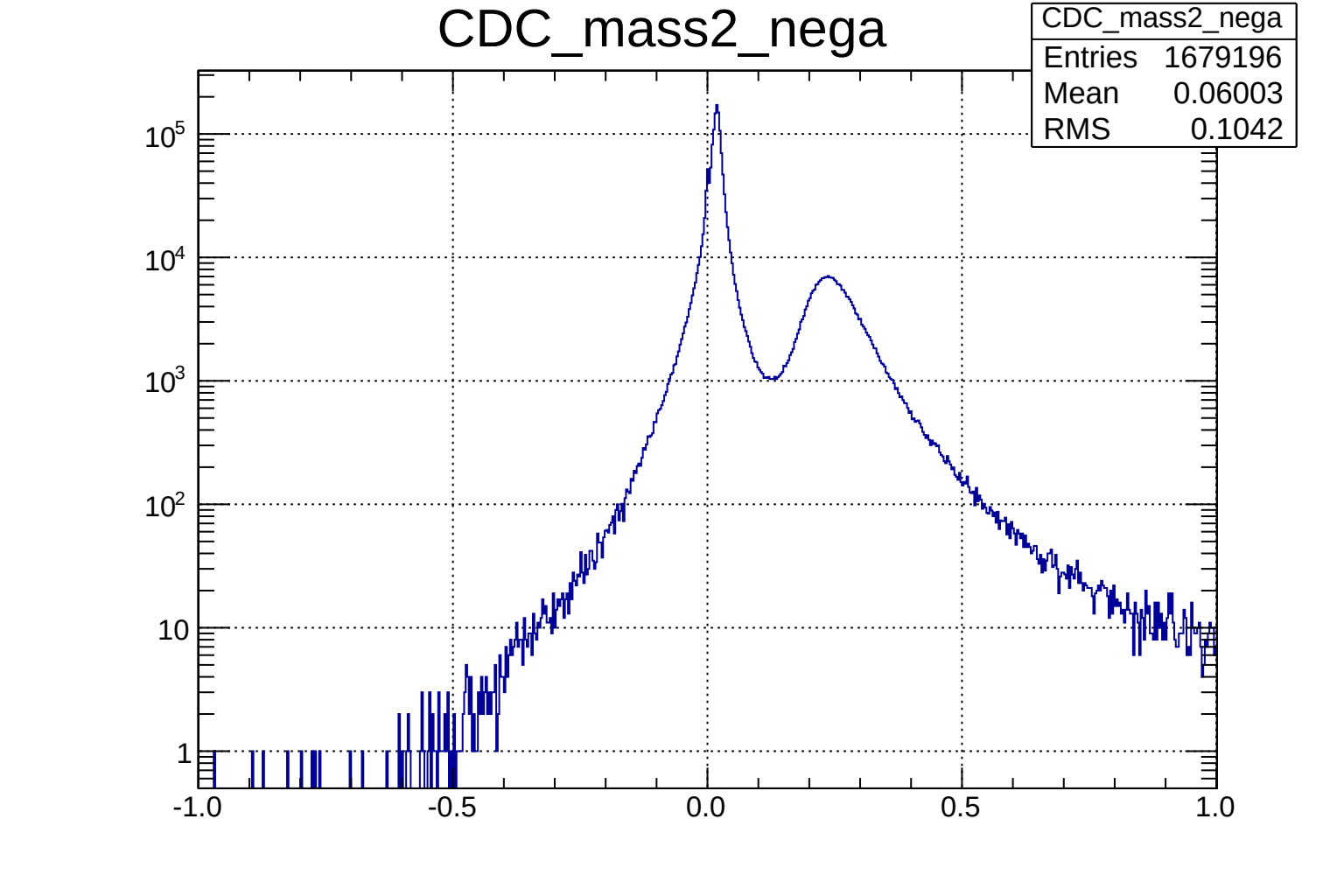

CDC_mass_mom
CDC_mass_mom
Entries 3327559
Mean x 0.4372
Mean y 0.06094
RMS x 0.3912
RMS y 0.3313
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0

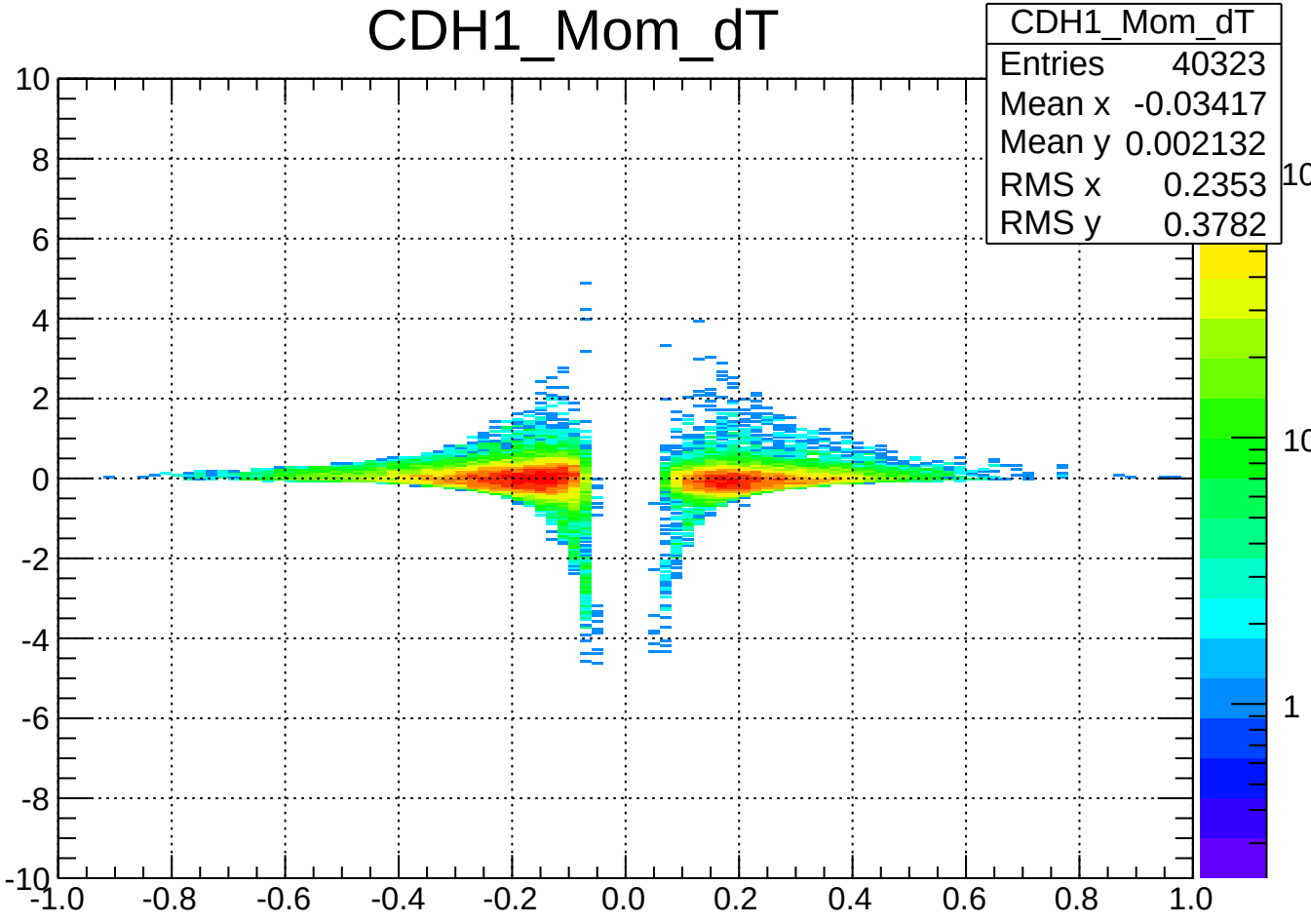

CDC_mass2_mom
CDC_mass2_mom
Entries 3327559
Mean x 0.3093
Mean y 0.04693
RMS x 0.5355
RMS y 0.3364
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
2
4
6
8
10

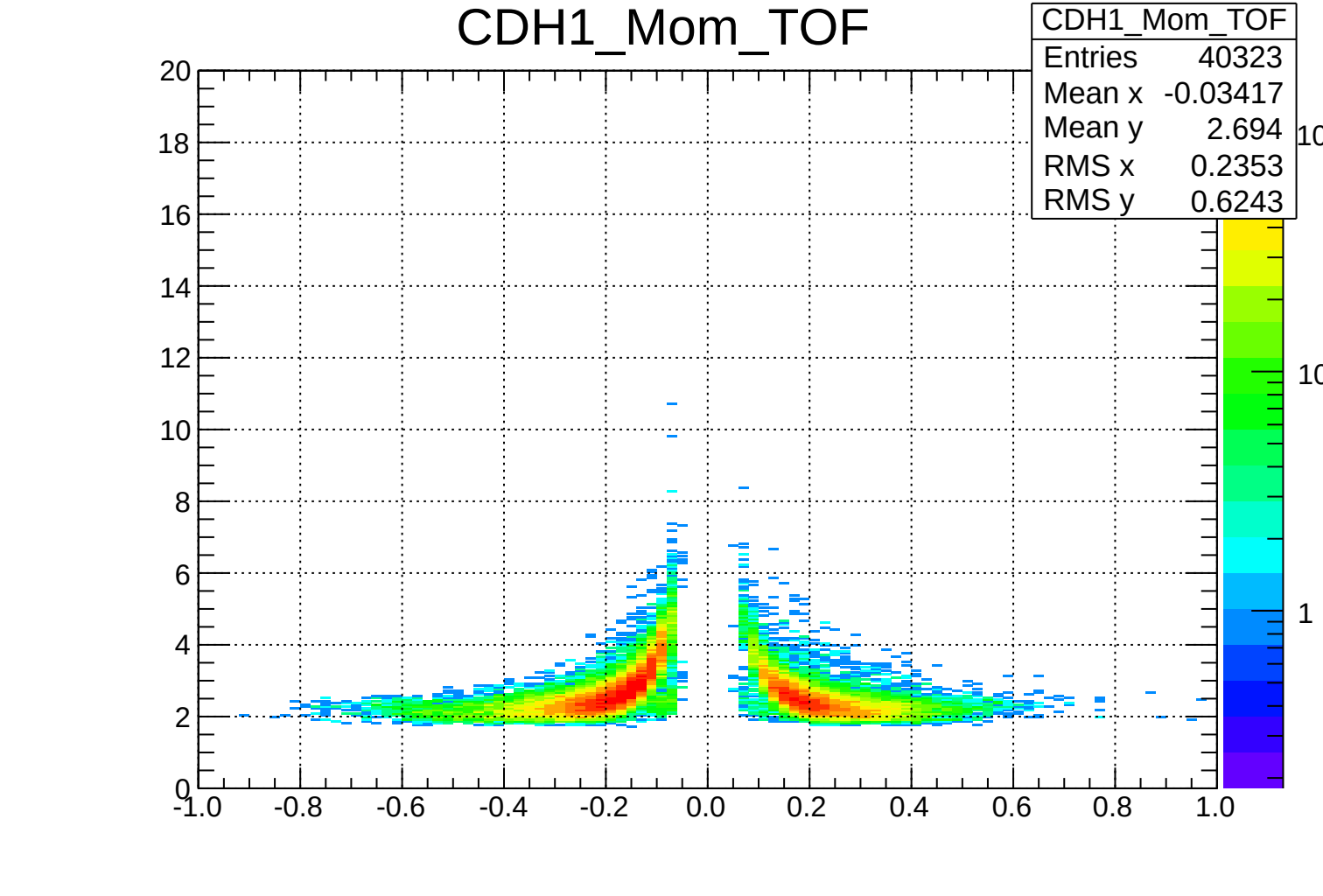

CDC_mass2_posi
CDC_mass2_posi
Entries 1648363
Mean 0.559
RMS 0.6507
10^5
10^4
10^3
10^2
10
1
0
2
4
6
8
10

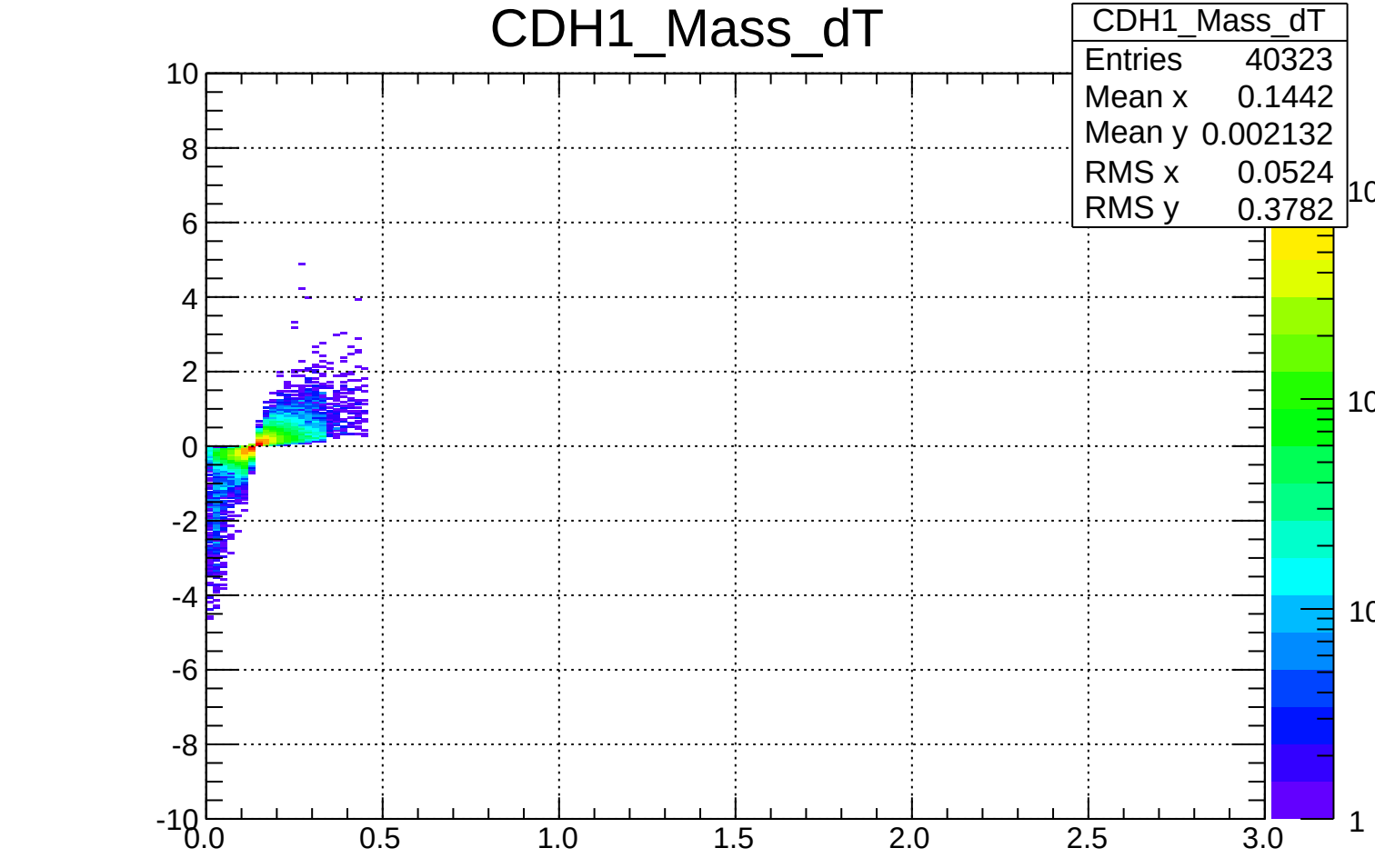

CDC_mass2_posi
CDC_mass2_posi
Entries 1648363
Mean 0.4521
RMS 0.394
10^5
10^4
10^3
10^2
10
1
-1.0
-0.5
0.0
0.5
1.0

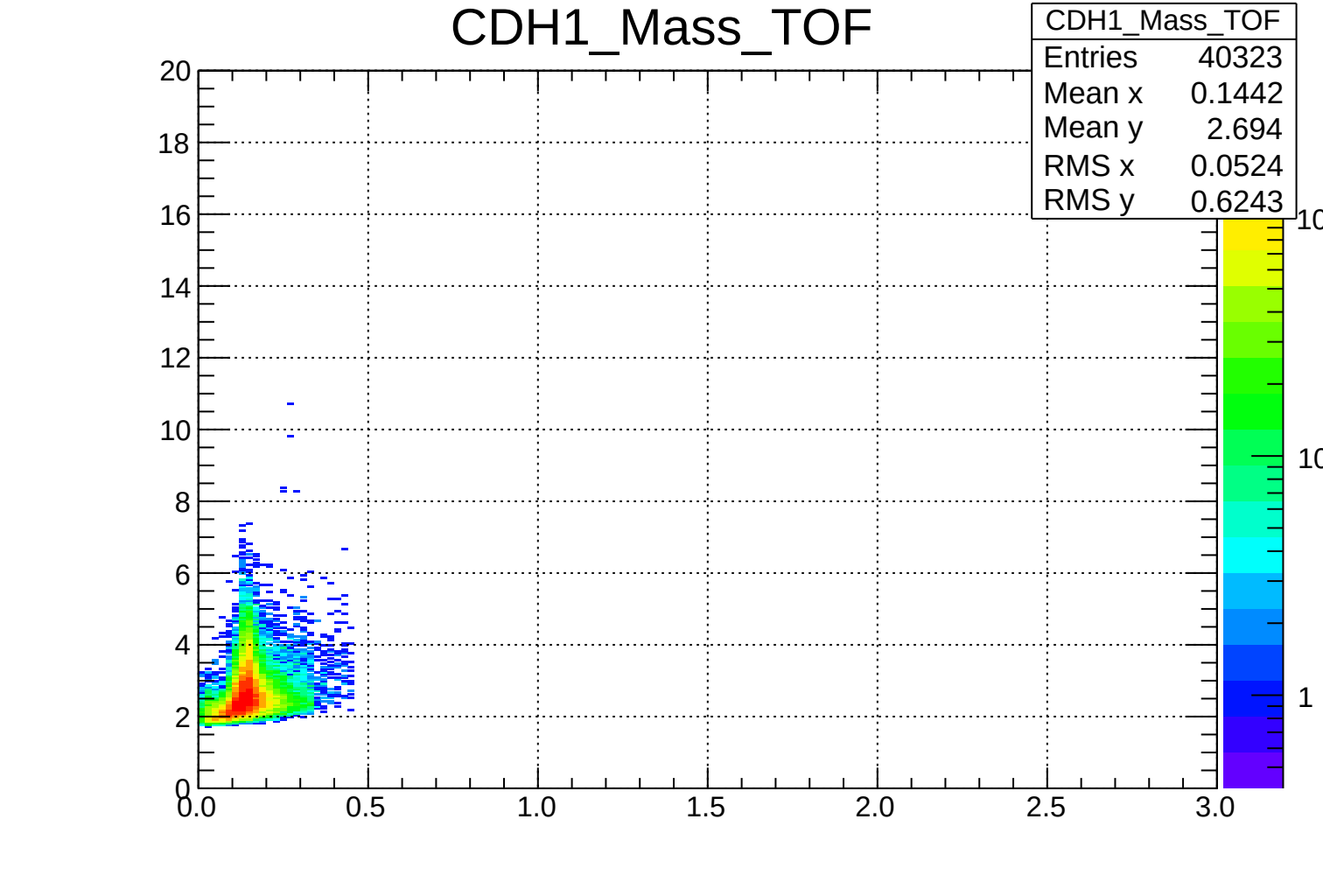

CDC_mass2_nega
CDC_mass2_nega
Entries 1679196
Mean 0.0643
RMS 0.1805
10^5
10^4
10^3
10^2
10
1
0
2
4
6
8
10

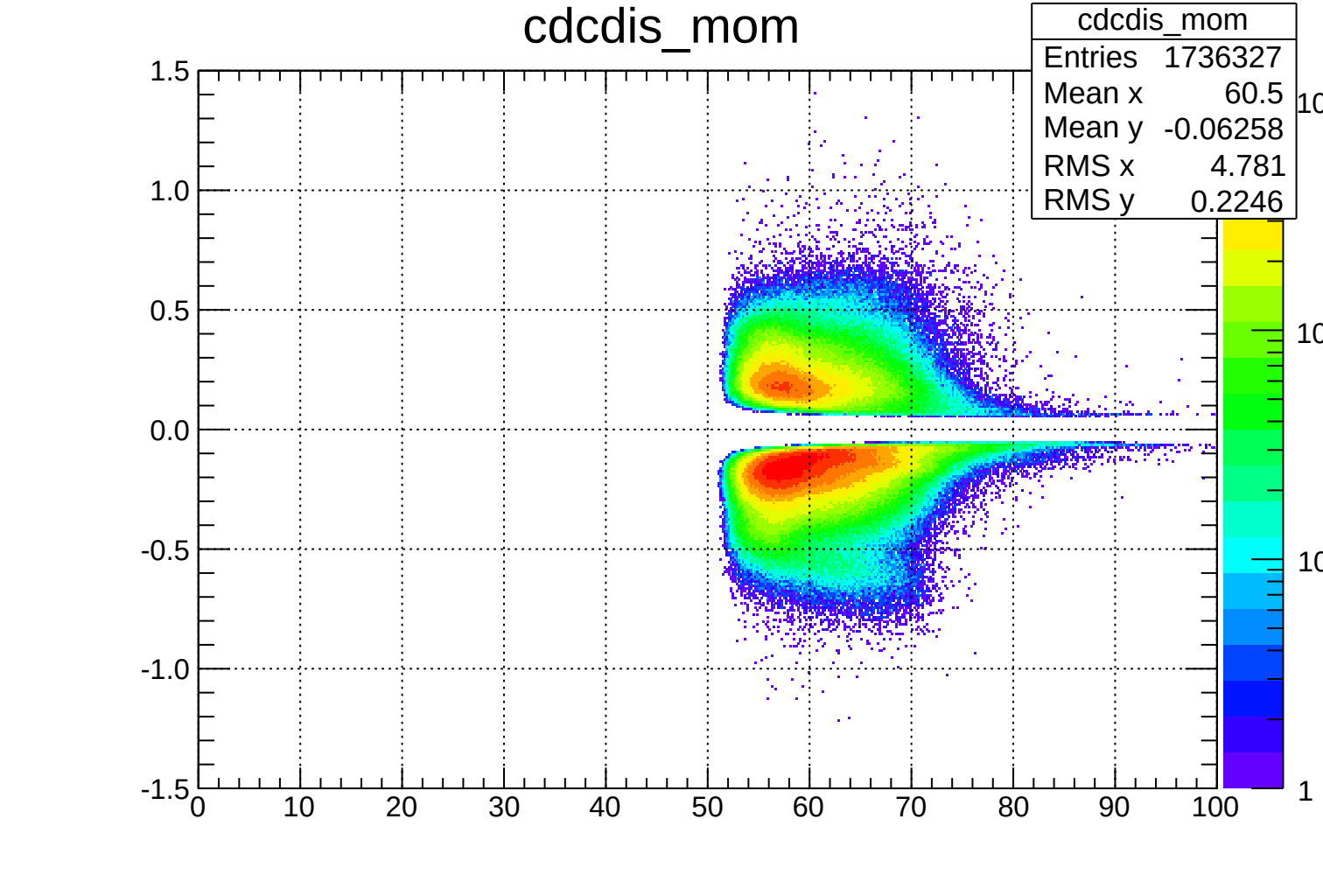

CDC_mass2_nega
CDC_mass2_nega
Entries 1679196
Mean 0.06003
RMS 0.1042
10^5
10^4
10^3
10^2
10
1
-1.0
-0.5
0.0
0.5
1.0

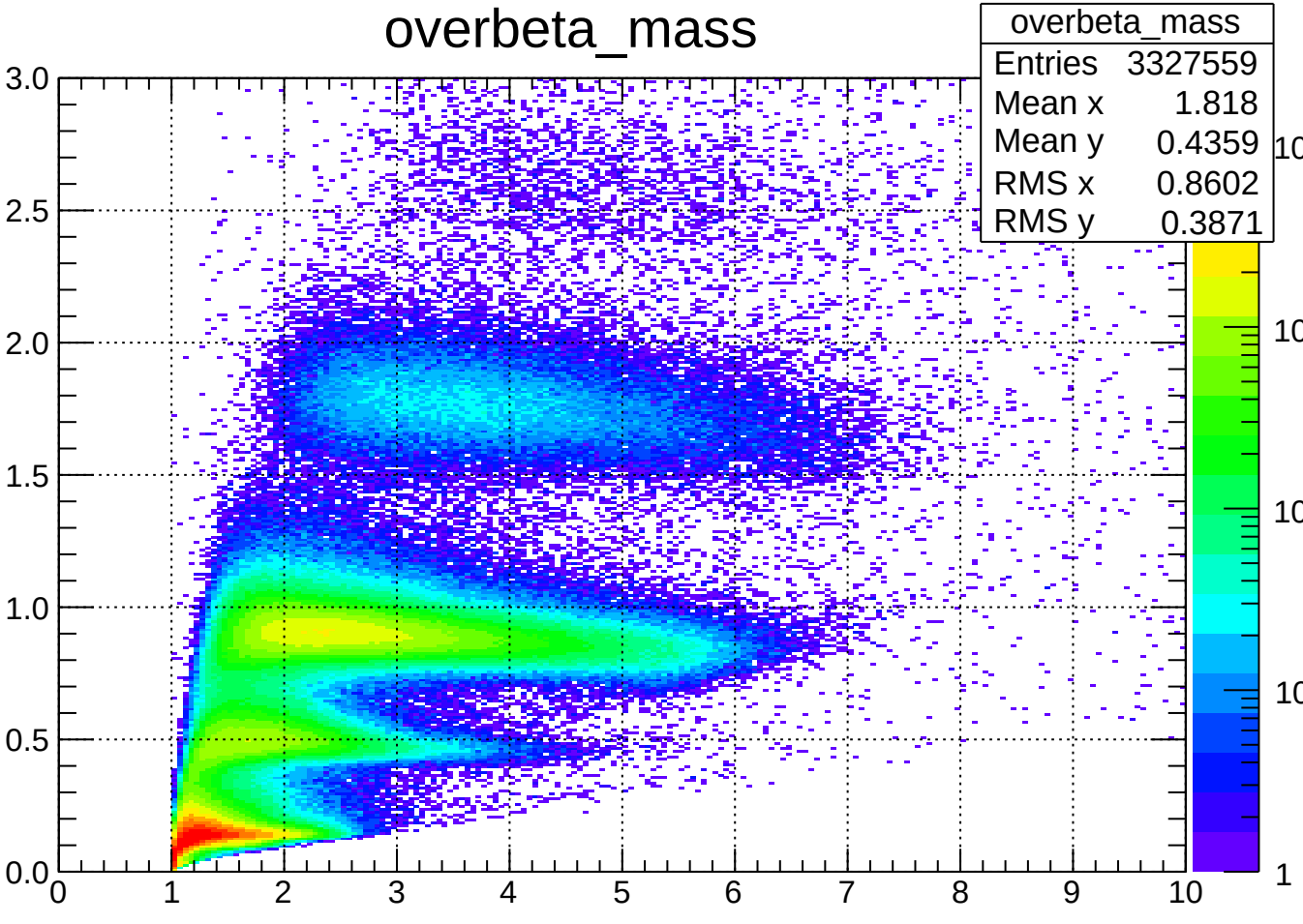

CDH1_Mom_dT
CDH1_Mom_dT
Entries 40323
Mean x -0.03417
Mean y 0.002132
RMS x 0.2353
RMS y 0.3782
10
8
6
4
2
0
-2
-4
-6
-8
-10
-1.0
-0.8
-0.6
-0.4
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
10
10
1

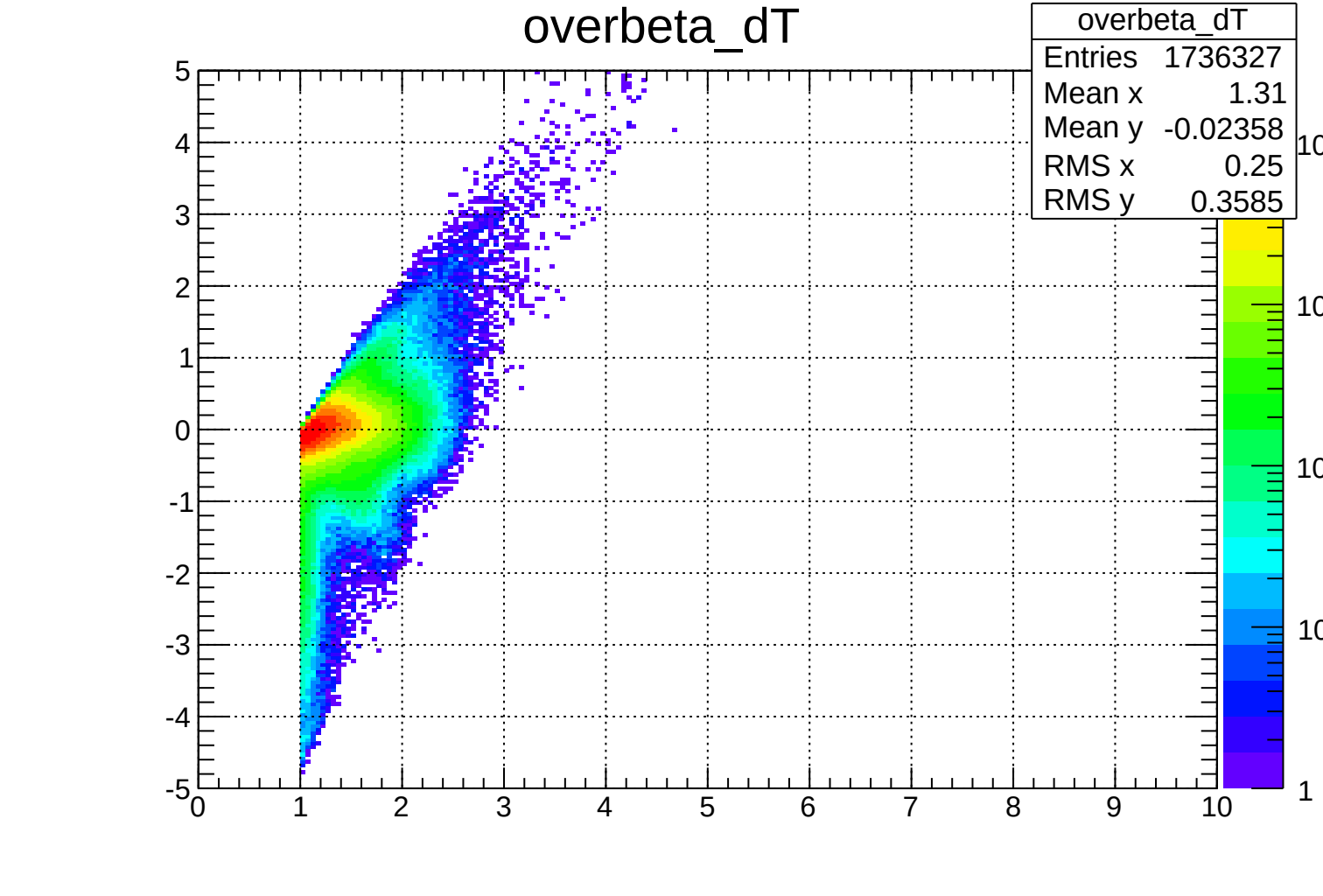

CDH1_Mom_TOF
CDH1_Mom_TOF
Entries 40323
Mean x -0.03417
Mean y 2.694
RMS x 0.2353
RMS y 0.6243
20
18
16
14
12
10
8
6
4
2
0
-1.0
-0.8
-0.6
-0.4
-0.2
0.0
0.2
0.4
0.6
0.8
1.0
10
10
1

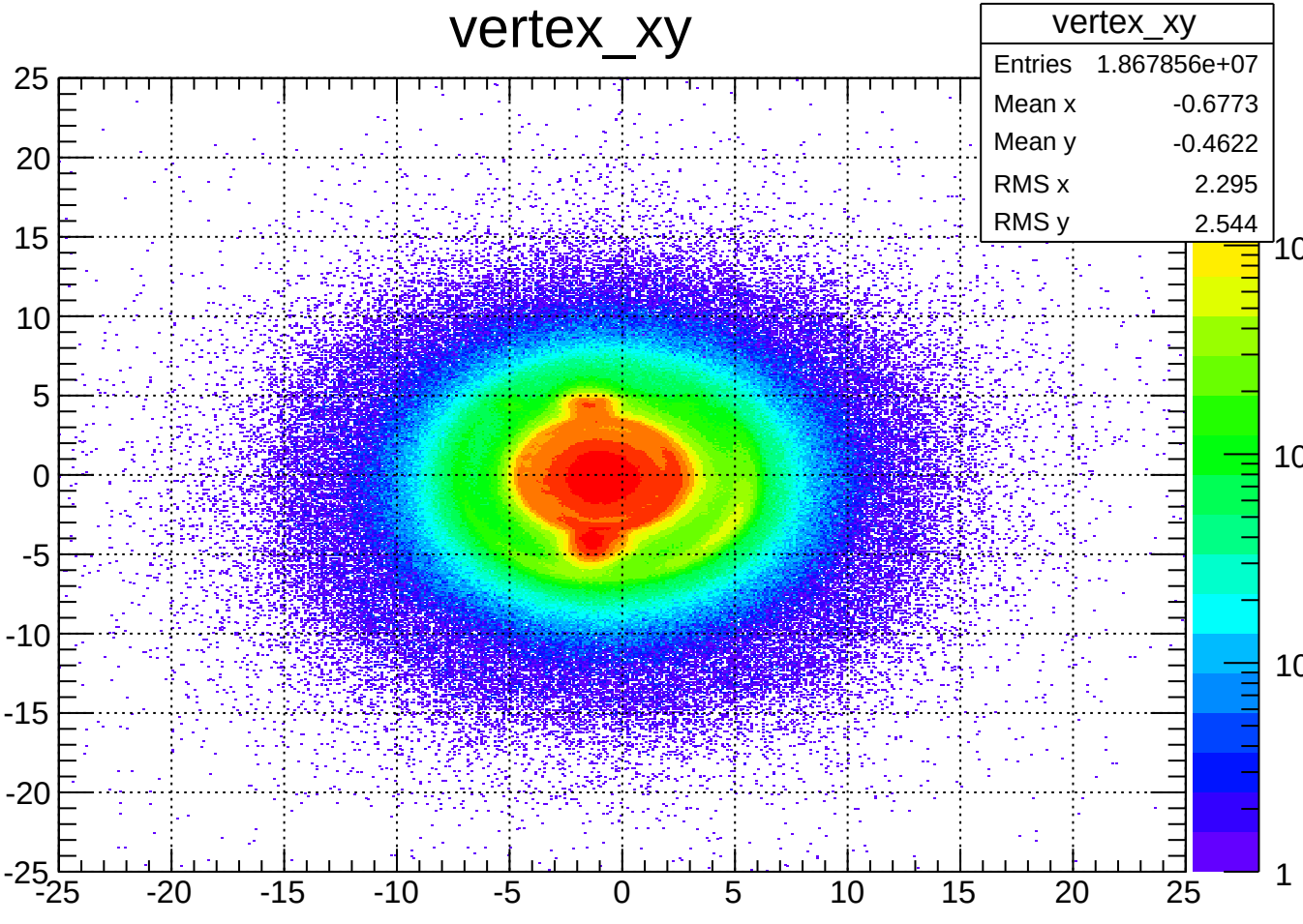

CDH1_Mass_dT
CDH1_Mass_dT
Entries 40323
Mean x 0.1442
Mean y 0.002132
RMS x 0.0524
RMS y 0.3782
10
8
6
4
2
0
-2
-4
-6
-8
-10
0.0
0.5
1.0
1.5
2.0
2.5
3.0
10
10
10
1

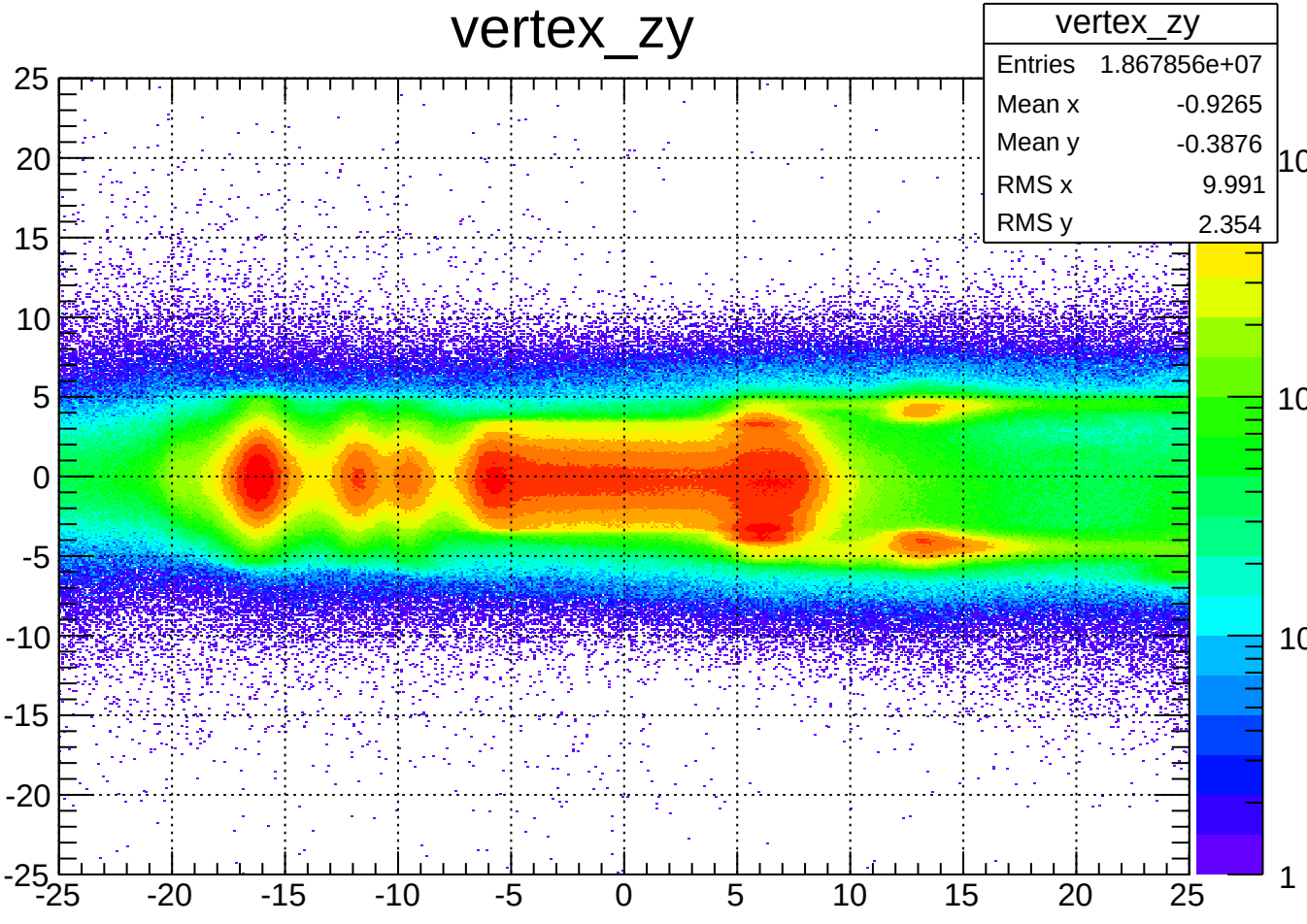

CDH1_Mass_TOF
CDH1_Mass_TOF
Entries 40323
Mean x 0.1442
Mean y 2.694
RMS x 0.0524
RMS y 0.6243
20
18
16
14
12
10
8
6
4
2
0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
10
10
1

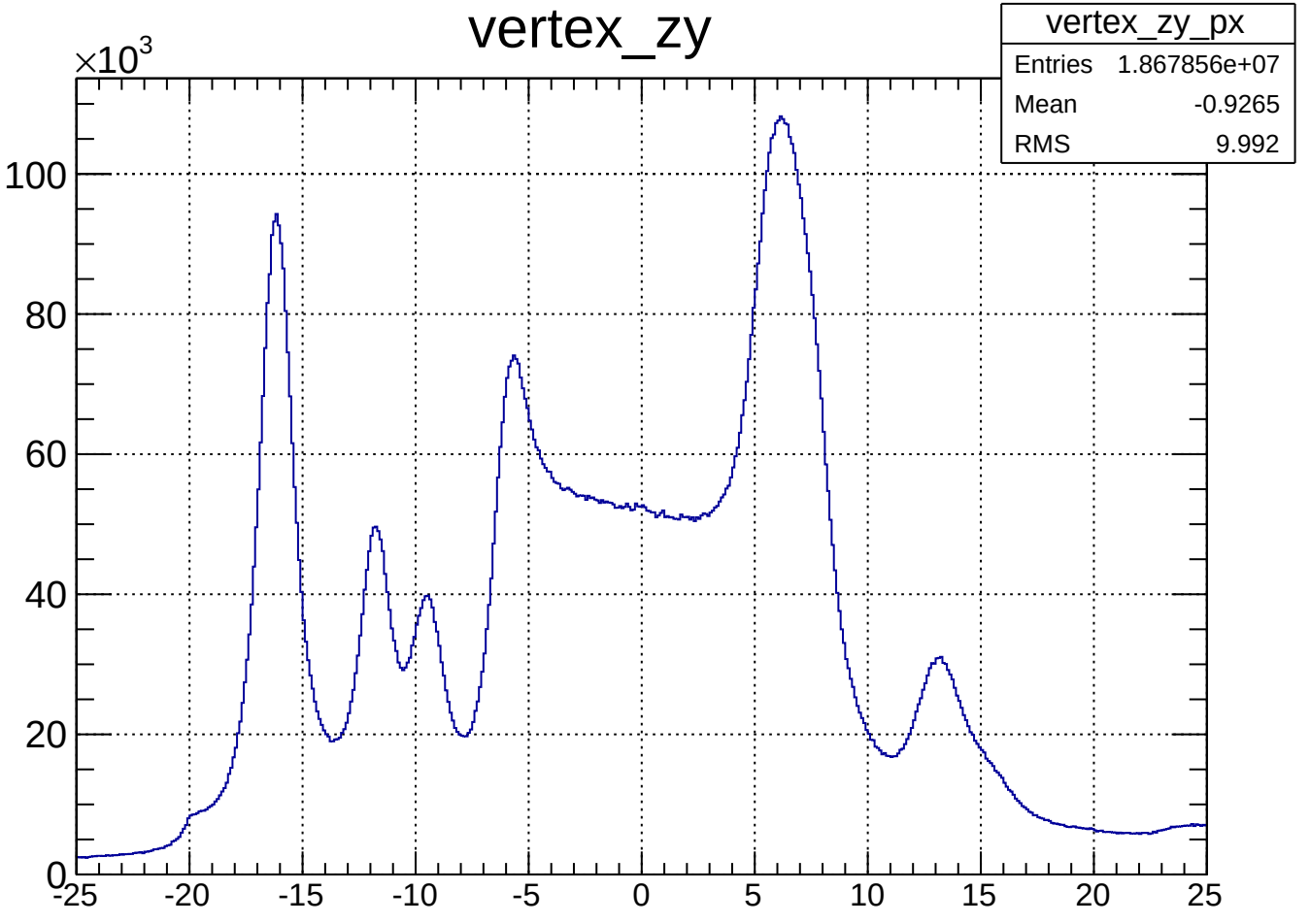

cdcdis_mom
cdcdis_mom
Entries 1736327
Mean x 60.5
Mean y -0.06258
RMS x 4.781
RMS y 0.2246
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
10
20
30
40
50
60
70
80
90
100


overbeta_mass
overbeta_mass
Entries 3327559
Mean x 1.818
Mean y 0.4359
RMS x 0.8602
RMS y 0.3871
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
1
2
3
4
5
6
7
8
9
10


overbeta_dT
overbeta_dT
Entries 1736327
Mean x 1.31
Mean y -0.02358
RMS x 0.25
RMS y 0.3585
5
4
3
2
1
0
-1
-2
-3
-4
-5
0
1
2
3
4
5
6
7
8
9
10


vertex_xy
vertex_xy
Entries 1.867856e+07
Mean x -0.6773
Mean y -0.4622
RMS x 2.295
RMS y 2.544
25
20
15
10
5
0
-5
-10
-15
-20
-25
-25
-20
-15
-10
-5
0
5
10
15
20
25
10
10
10
1


vertex_zy
vertex_zy
Entries 1.867856e+07
Mean x -0.9265
Mean y -0.3876
RMS x 9.991
RMS y 2.354
25
20
15
10
5
0
-5
-10
-15
-20
-25
-25
-20
-15
-10
-5
0
5
10
15
20
25
10
10
10
1


vertex_zy
vertex_zy_px
Entries 1.867856e+07
Mean -0.9265
RMS 9.992
×10^3
100
80
60
40
20
0
-25
-20
-15
-10
-5
0
5
10
15
20
25