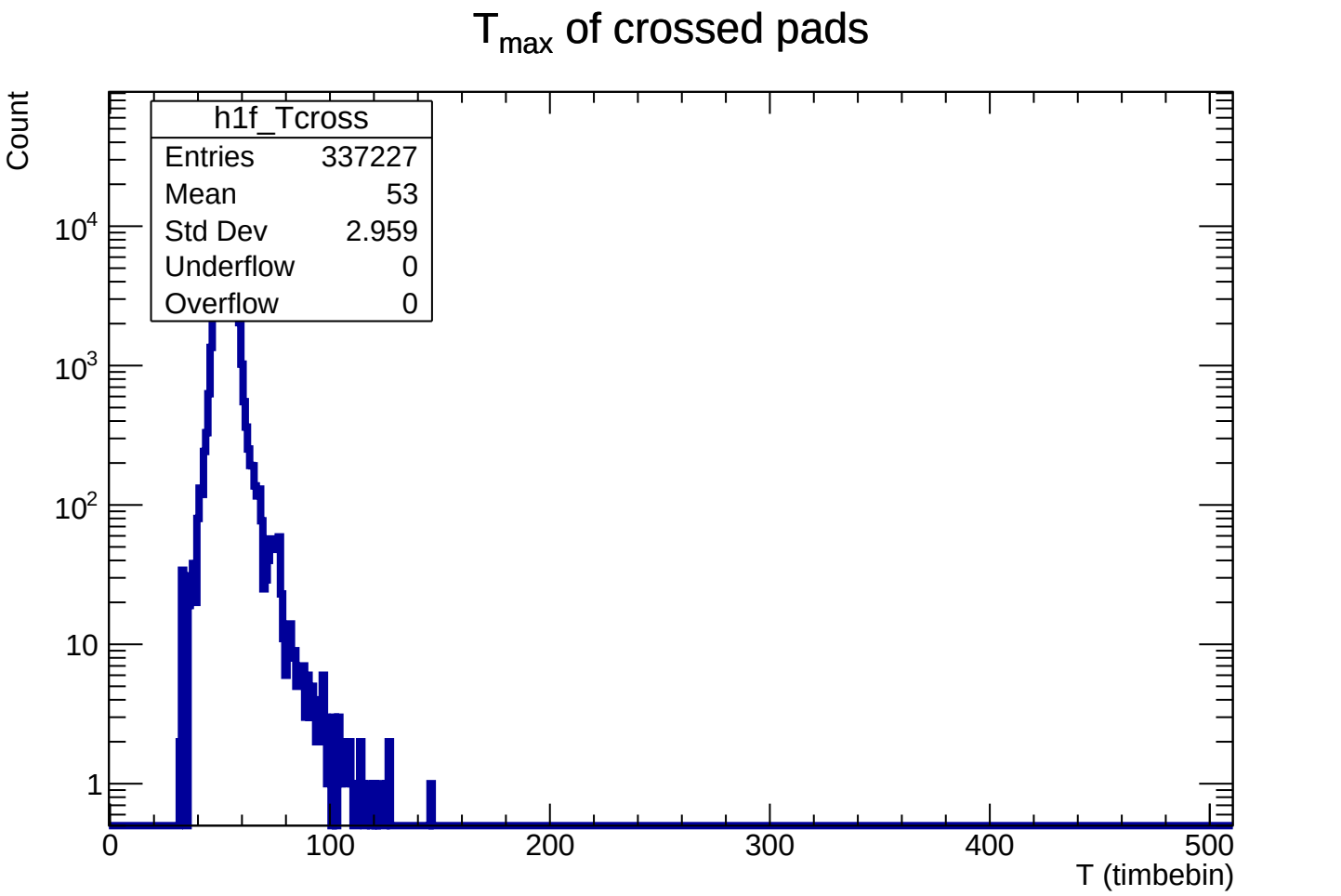
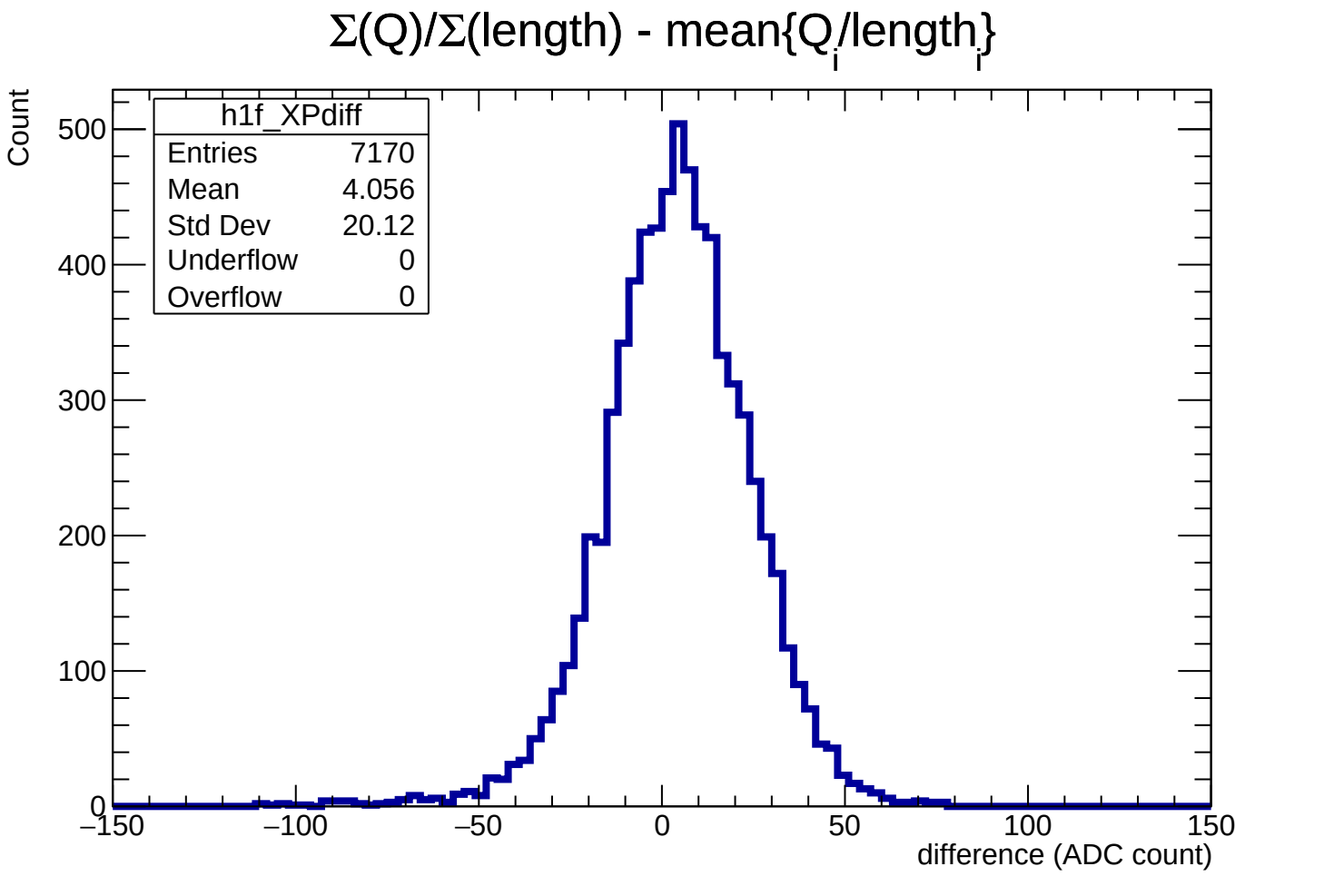
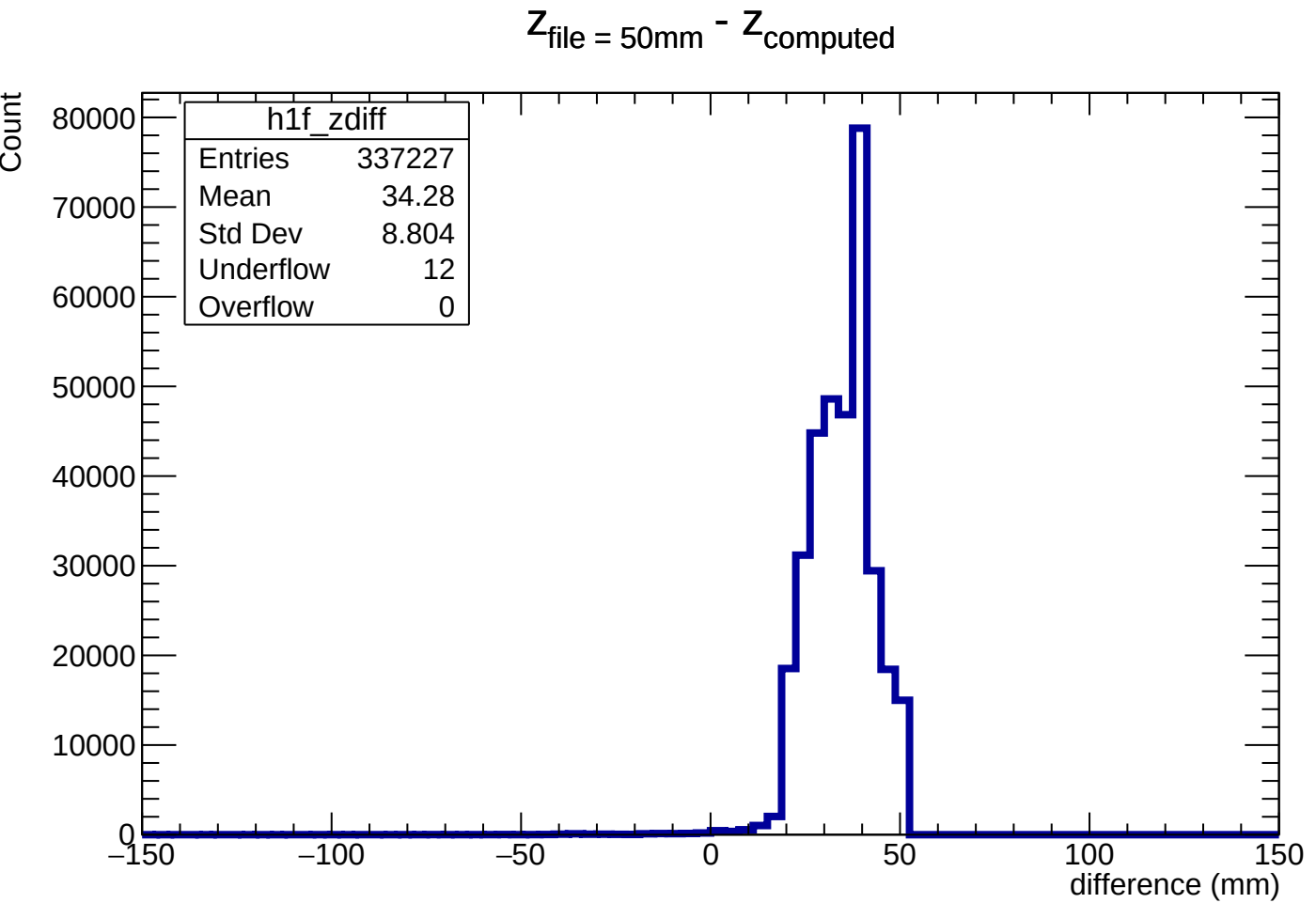
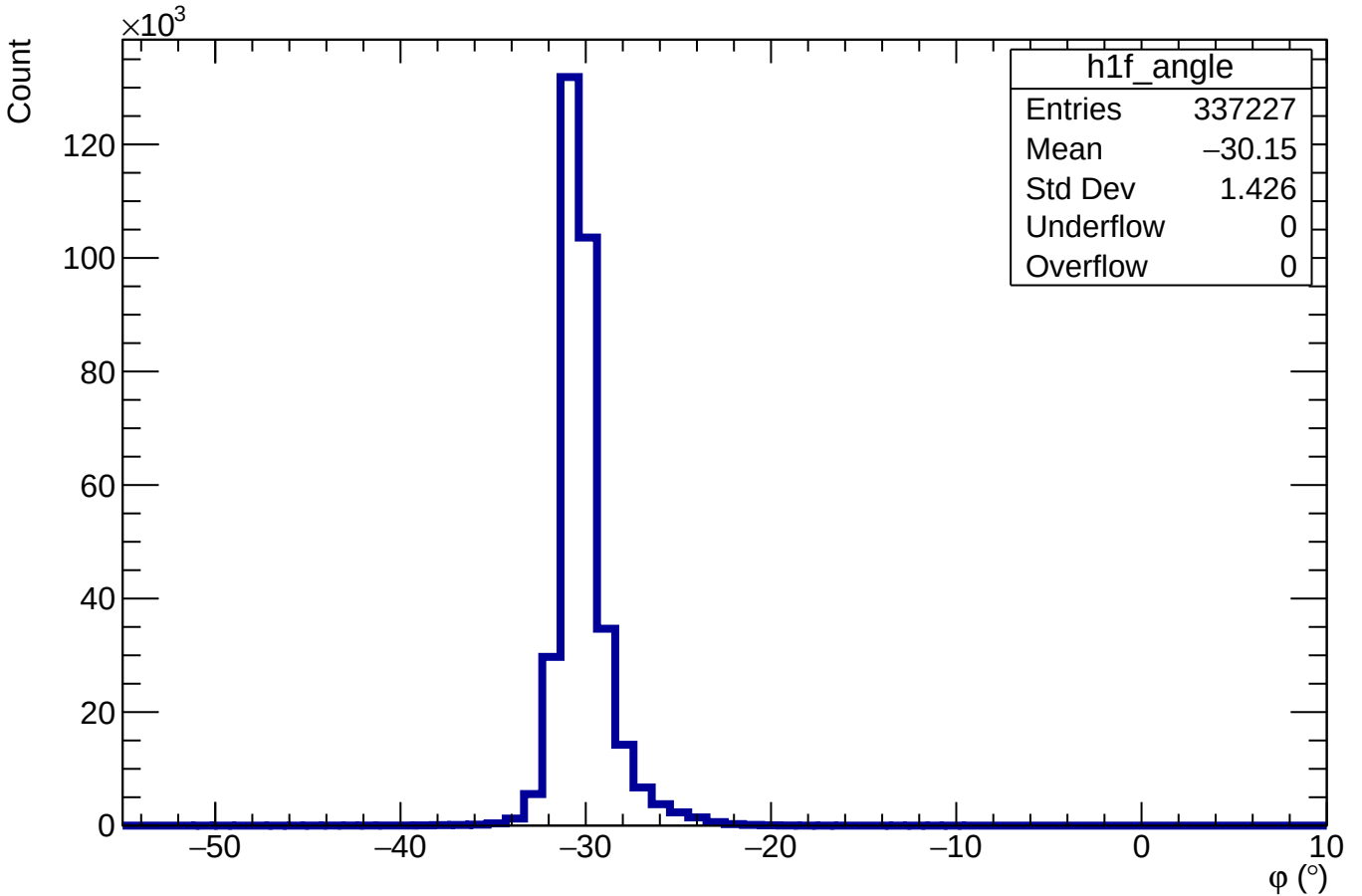
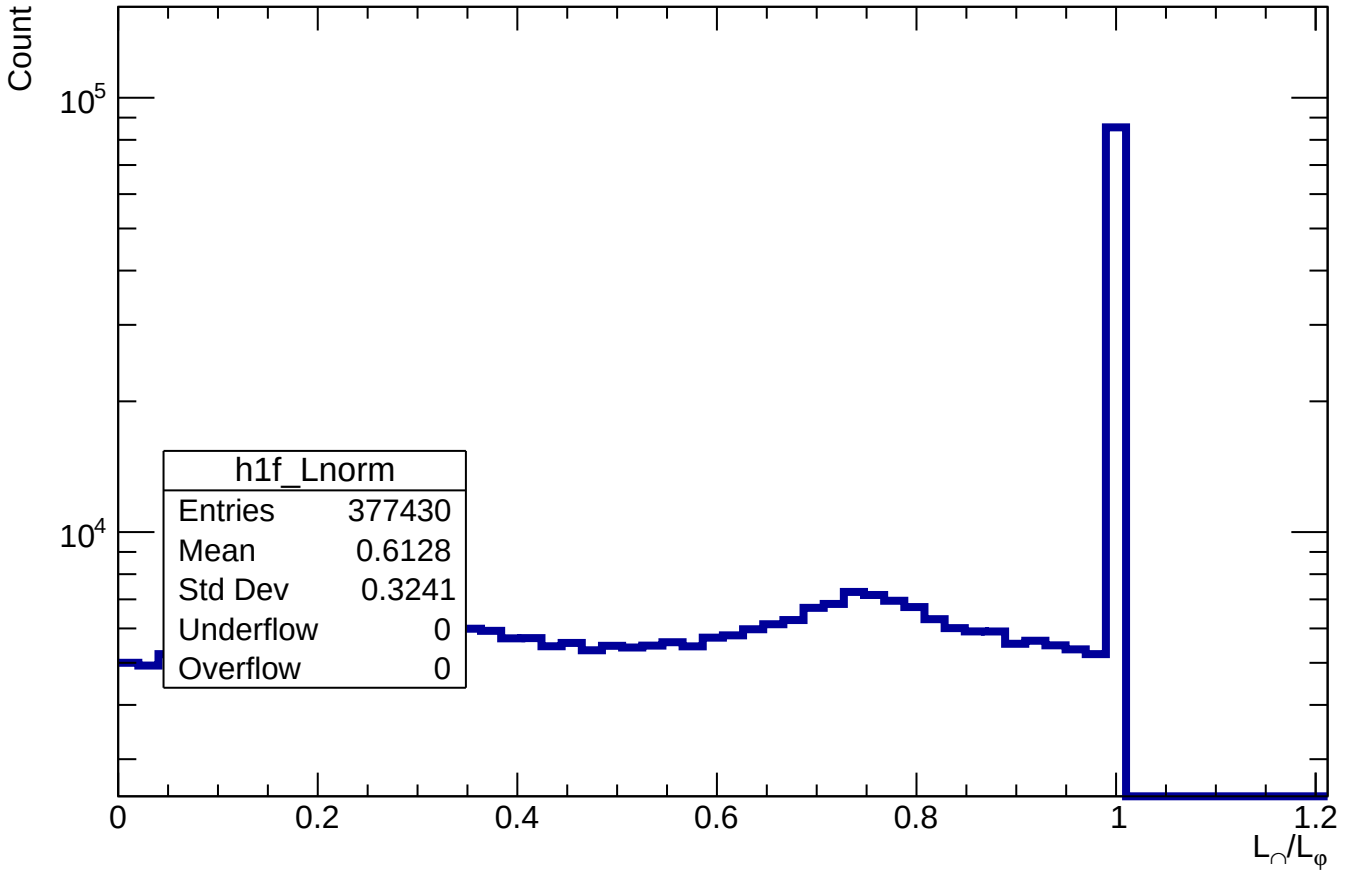
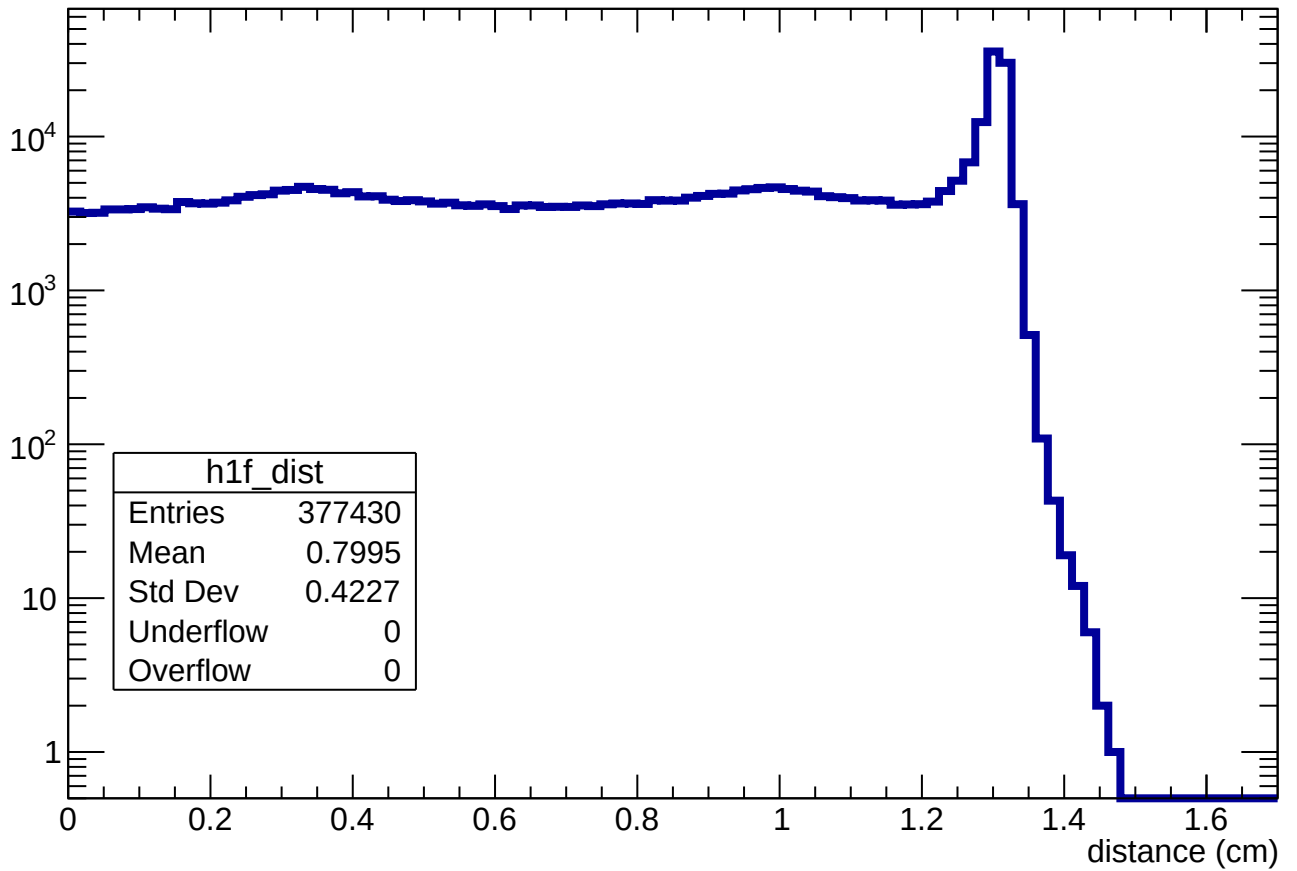

T_{max} of crossed pads
h1f_Tcross
Entries 337227
Mean 53
Std Dev 2.959
Underflow 0
Overflow 0
Count
10^4
10^3
10^2
10
1
0
100
200
300
400
500
T (timbebin)

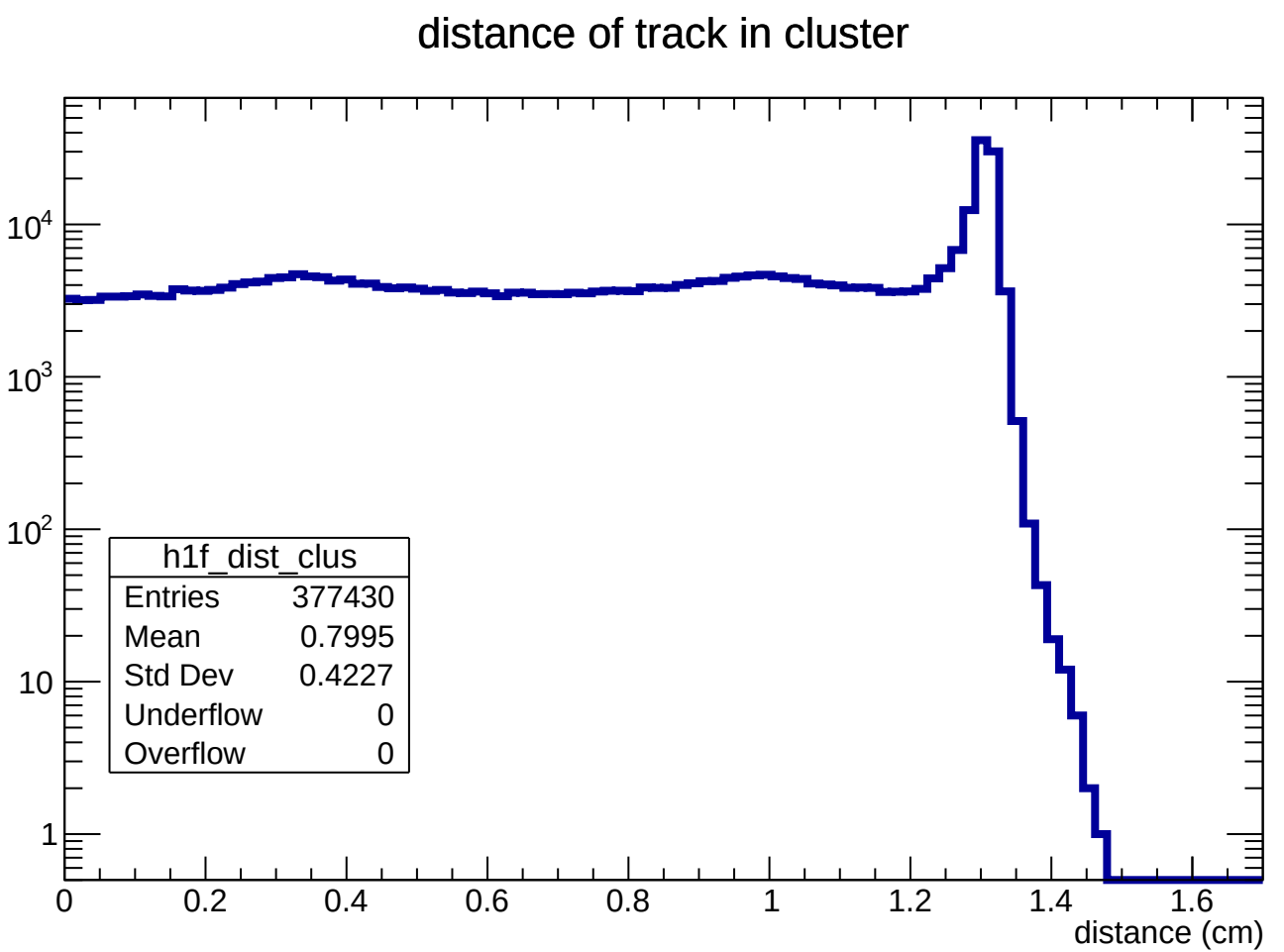

Σ(Q)/Σ(length) - mean{Q_i/length_i}
h1f_XPdiff
Entries 7170
Mean 4.056
Std Dev 20.12
Underflow 0
Overflow 0
Count
500
400
300
200
100
0
–150
–100
–50
0
50
100
150
difference (ADC count)

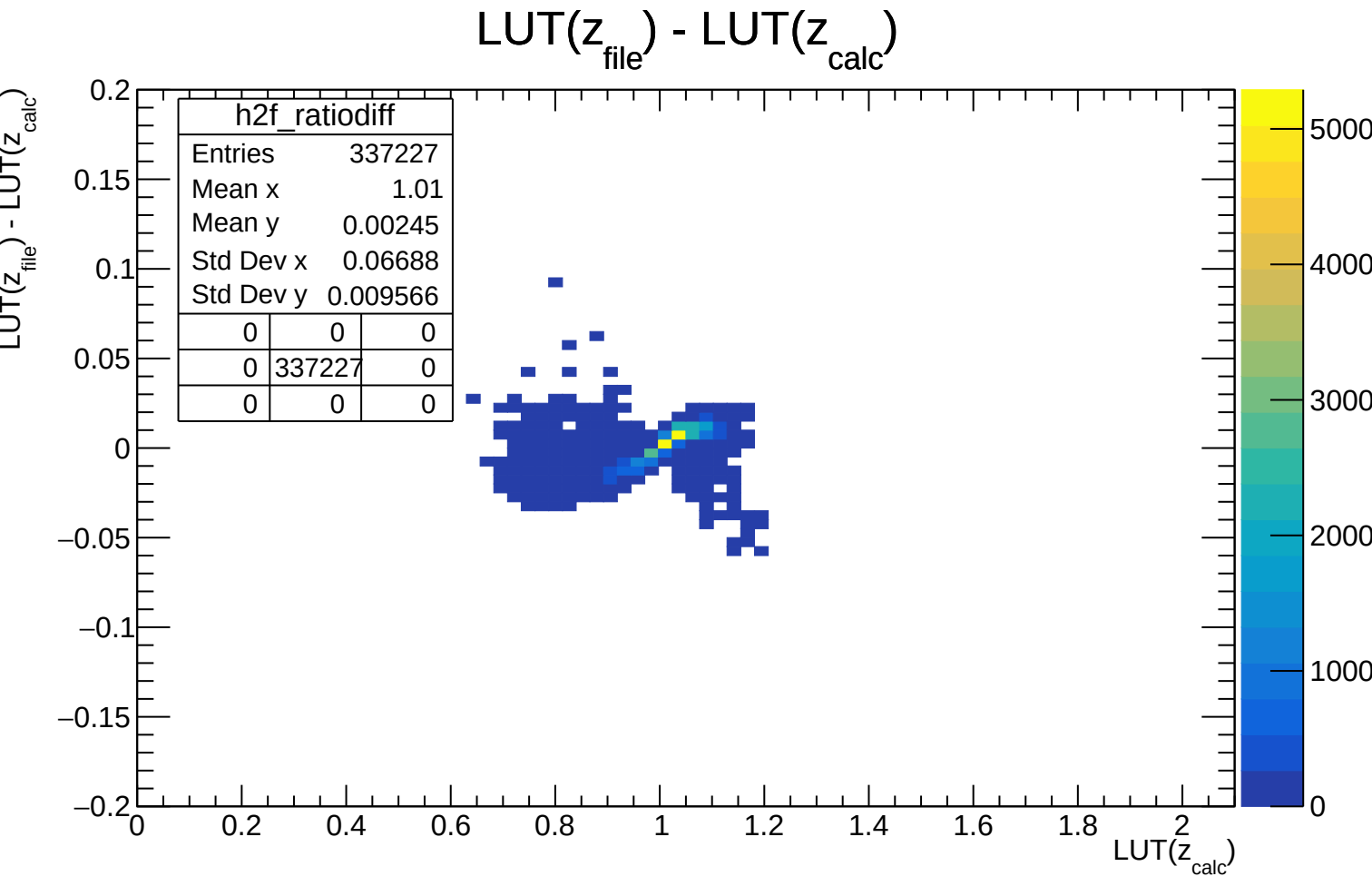

$Z_{file = 50mm} - Z_{computed}$
h1f_zdiff
Entries 337227
Mean 34.28
Std Dev 8.804
Underflow 12
Overflow 0
Count
80000
70000
60000
50000
40000
30000
20000
10000
0
−150
−100
−50
0
50
100
150
difference (mm)

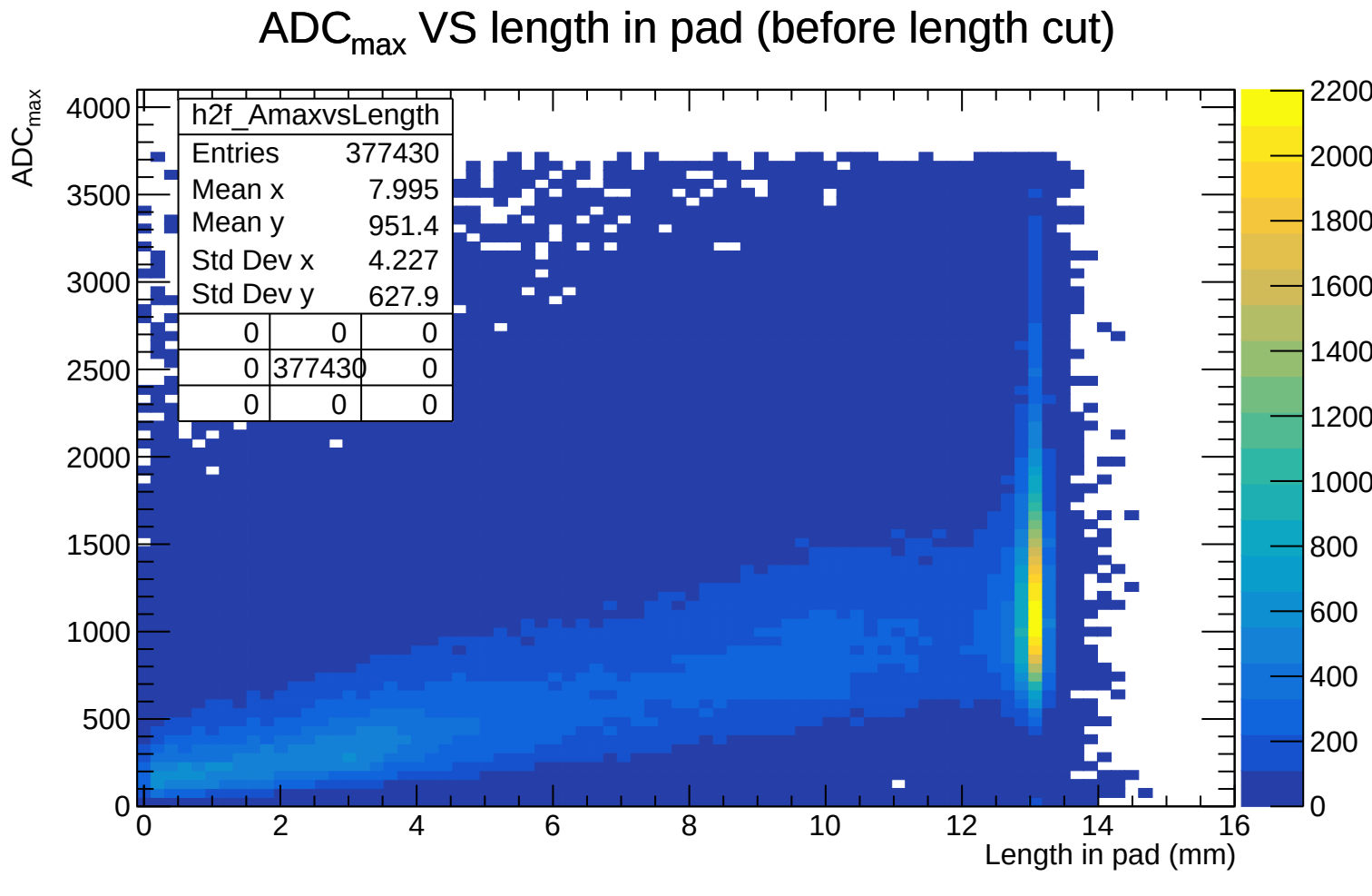

Angle φ in each pad
×10^3
Count
120
100
80
60
40
20
0
h1f_angle
Entries 337227
Mean −30.15
Std Dev 1.426
Underflow 0
Overflow 0
−50
−40
−30
−20
−10
0
10
φ (°)

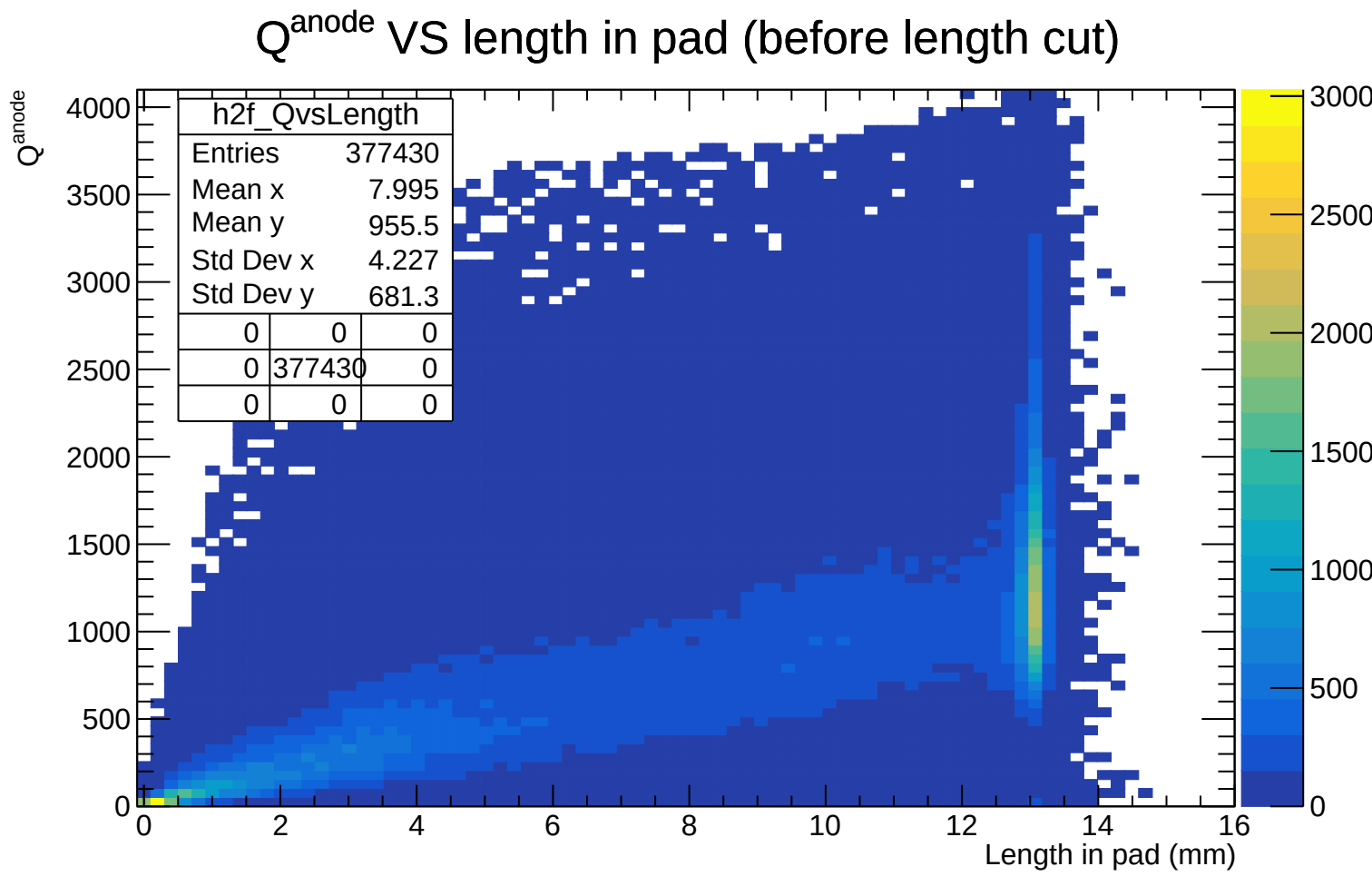

Length in pad normalized to maximum length in pad for a given φ
Count
10^5
10^4
h1f_Lnorm
Entries 377430
Mean 0.6128
Std Dev 0.3241
Underflow 0
Overflow 0
0
0.2
0.4
0.6
0.8
1
1.2
L◠/Lφ

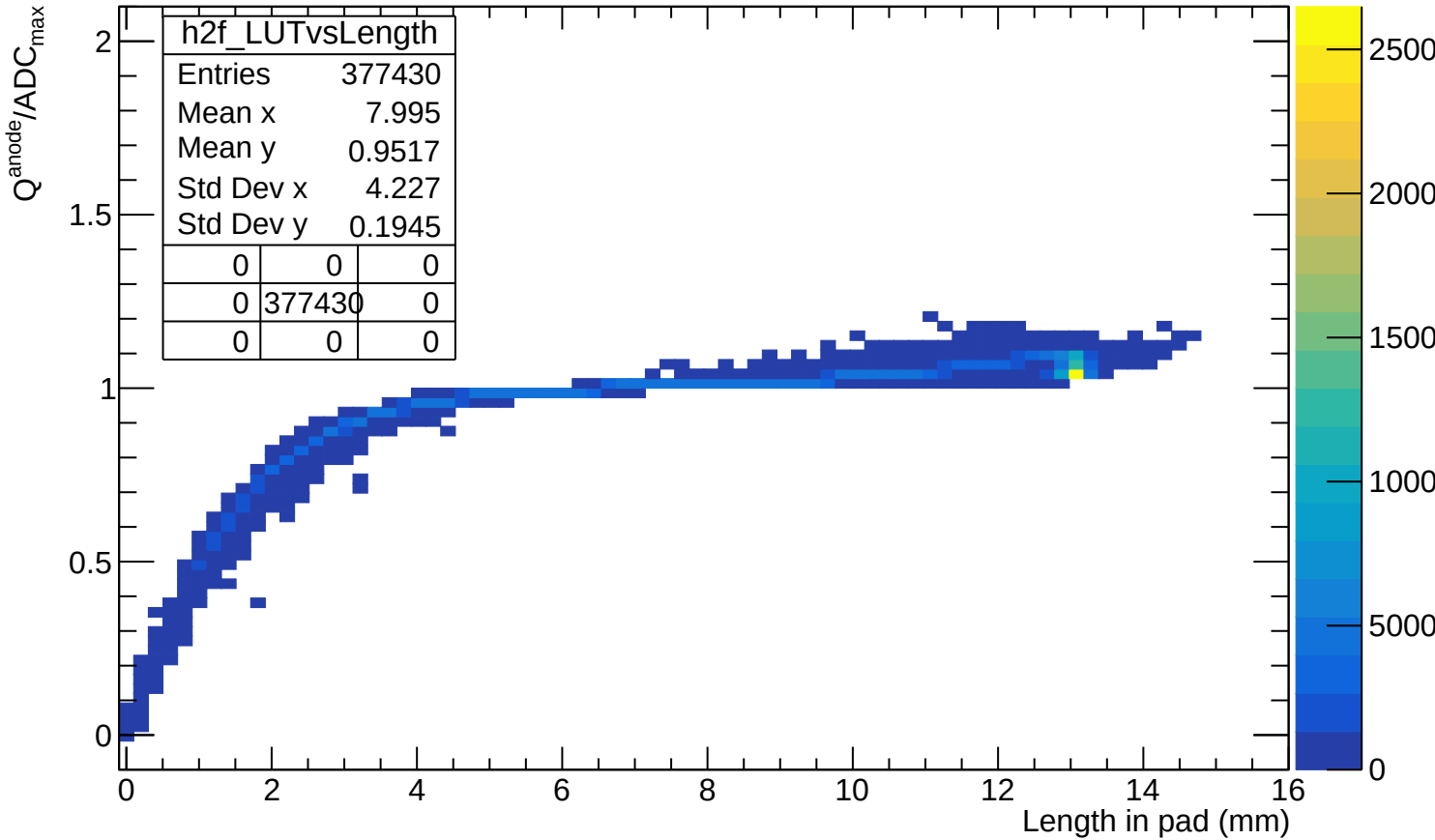

distance of track in pad
h1f_dist
Entries 377430
Mean 0.7995
Std Dev 0.4227
Underflow 0
Overflow 0
10^4
10^3
10^2
10
1
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
distance (cm)

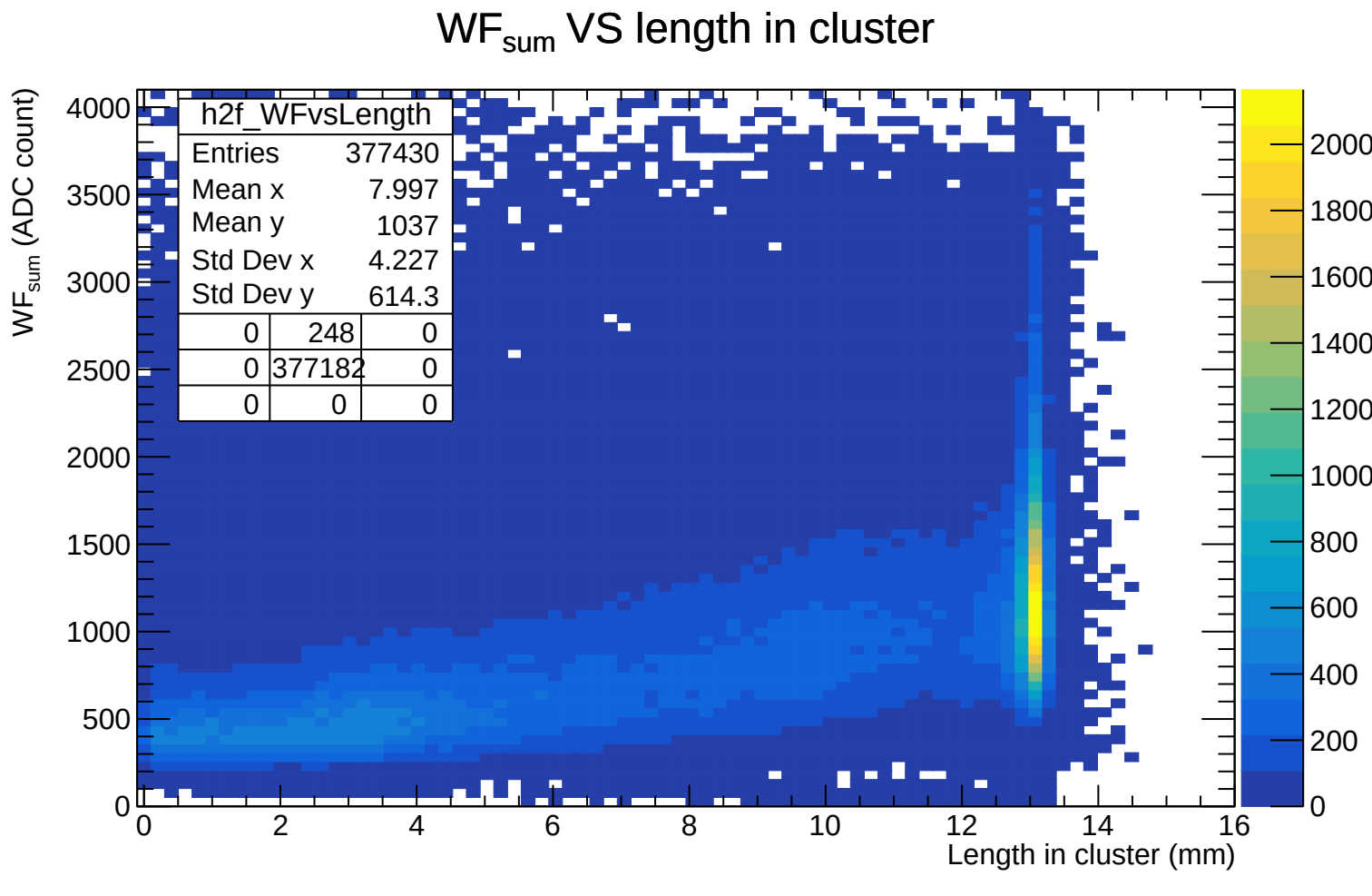

distance of track in cluster
10^4
10^3
10^2
10
1
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
distance (cm)
h1f_dist_clus
Entries 377430
Mean 0.7995
Std Dev 0.4227
Underflow 0
Overflow 0

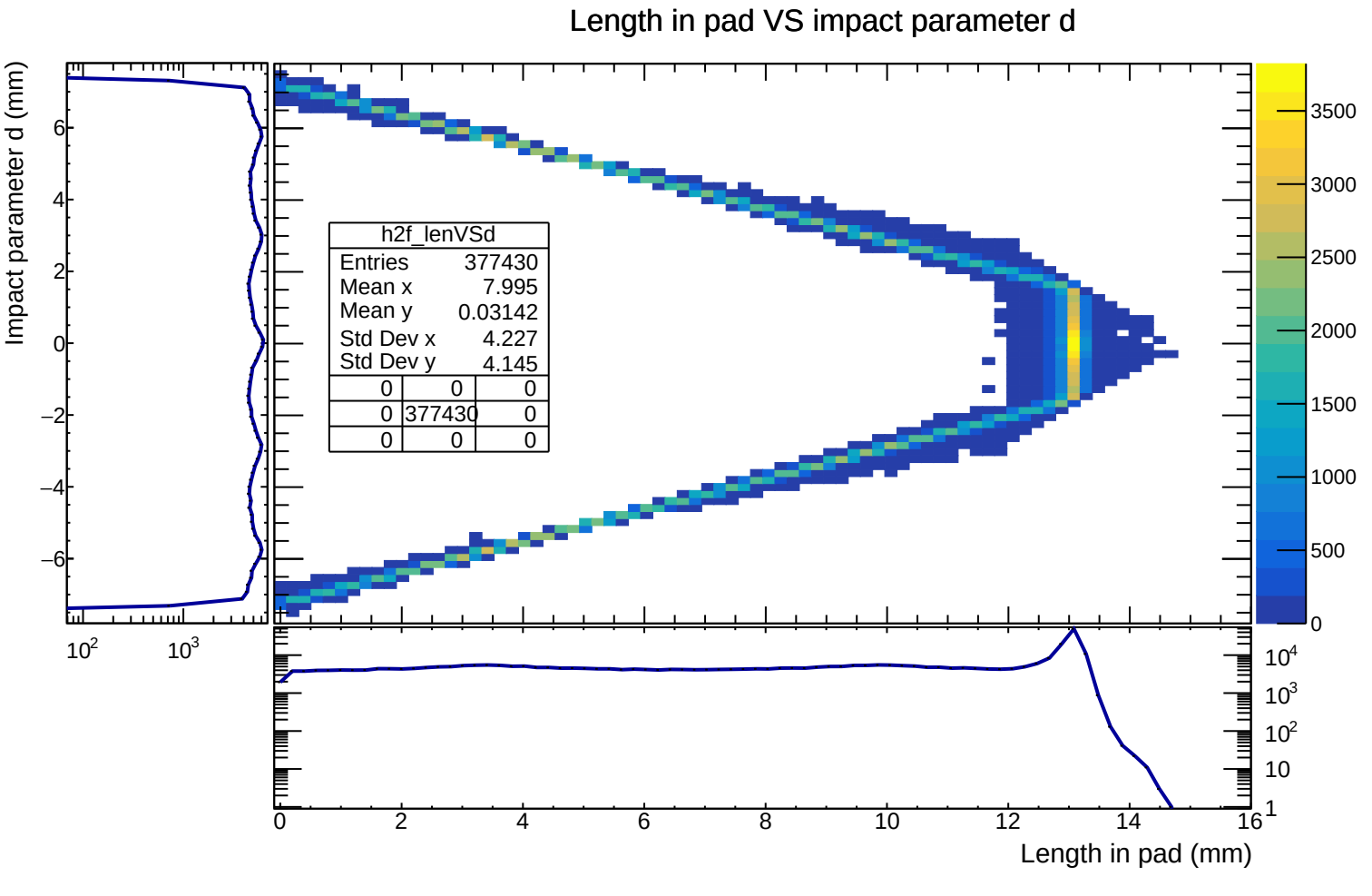

LUT(z_file) - LUT(z_calc)
h2f_ratiodiff
Entries 337227
Mean x 1.01
Mean y 0.00245
Std Dev x 0.06688
Std Dev y 0.009566
0 0 0
0 337227 0
0 0 0
LUT(z_file) - LUT(z_calc)
LUT(z_calc)
0.2
0.15
0.1
0.05
0
−0.05
−0.1
−0.15
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
5000
4000
3000
2000
1000
0


ADC$_{max}$ VS length in pad (before length cut)
h2f_AmaxvsLength
Entries 377430
Mean x 7.995
Mean y 951.4
Std Dev x 4.227
Std Dev y 627.9
0 0 0
0 377430 0
0 0 0
ADC$_{max}$
Length in pad (mm)
0 500 1000 1500 2000 2500 3000 3500 4000
0 2 4 6 8 10 12 14 16
0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200


Q^anode VS length in pad (before length cut)
h2f_QvsLength
Entries 377430
Mean x 7.995
Mean y 955.5
Std Dev x 4.227
Std Dev y 681.3
0 0 0
0 377430 0
0 0 0
Q^anode
Length in pad (mm)
0
500
1000
1500
2000
2500
3000
3500
4000
0
2
4
6
8
10
12
14
16


Q^{anode}/ADC_{max} VS length in pad (before length cut)
h2f_LUTvsLength
Entries 377430
Mean x 7.995
Mean y 0.9517
Std Dev x 4.227
Std Dev y 0.1945
0 0 0
0 377430 0
0 0 0
Q^{anode}/ADC_{max}
Length in pad (mm)
0
0.5
1
1.5
2
0
2
4
6
8
10
12
14
16
0
500
1000
1500
2000
2500


WF$_{sum}$ VS length in cluster
h2f_WFvsLength
Entries 377430
Mean x 7.997
Mean y 1037
Std Dev x 4.227
Std Dev y 614.3
0 248 0
0 377182 0
0 0 0
WF$_{sum}$ (ADC count)
Length in cluster (mm)
0 500 1000 1500 2000 2500 3000 3500 4000
0 2 4 6 8 10 12 14 16
0 200 400 600 800 1000 1200 1400 1600 1800 2000


Length in pad VS impact parameter d
Impact parameter d (mm)
Length in pad (mm)
h2f_lenVSd
Entries 377430
Mean x 7.995
Mean y 0.03142
Std Dev x 4.227
Std Dev y 4.145
0 0 0
0 377430 0
0 0 0