T_{max} of crossed pads

h1f_Tcross	
Entries	110676
Mean	52.9
Std Dev	2.857
Underflow	0
Overflow	0

Count

T (timbebin)

$\Sigma(Q)/\Sigma(\text{length}) - \text{mean}\{Q_i/\text{length}_i\}$

h1f_XPdiff	
Entries	2564
Mean	−3.732
Std Dev	14.72
Underflow	0
Overflow	0

difference (ADC count)

Count

$Z_{file = 50mm} - Z_{computed}$

h1f_zdiff	
Entries	110676
Mean	34.5
Std Dev	8.328
Underflow	0
Overflow	0

Count

difference (mm)
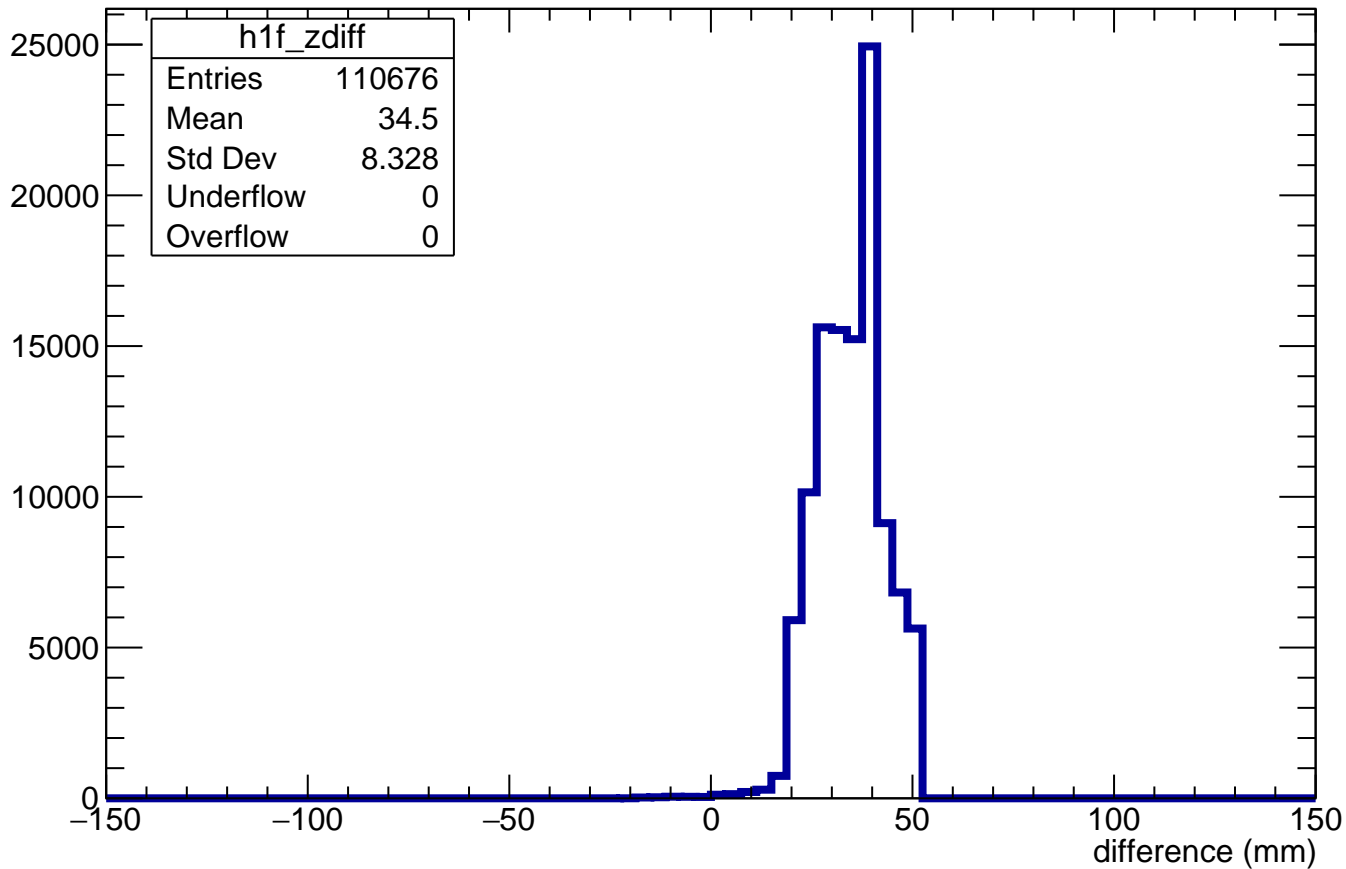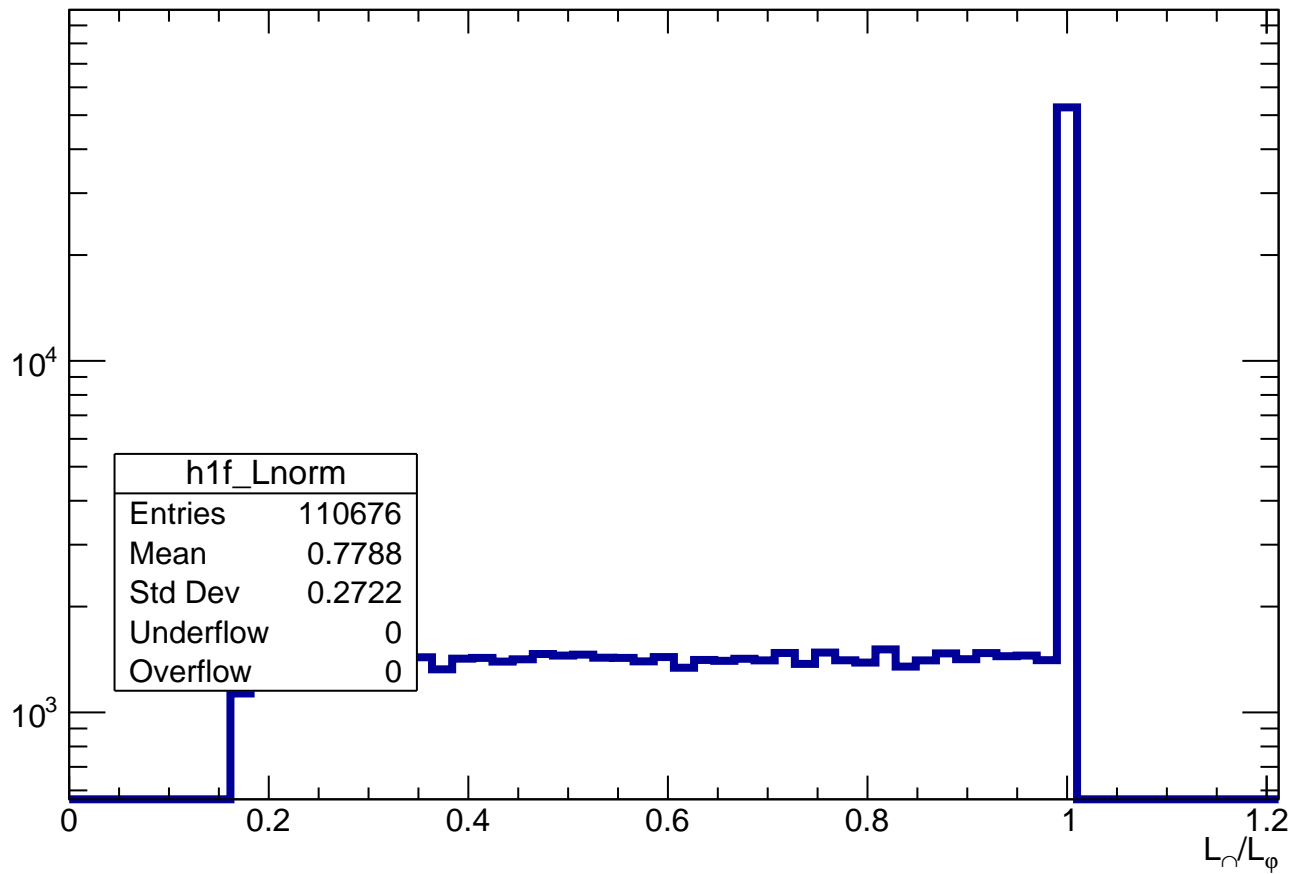
Angle φ in each pad
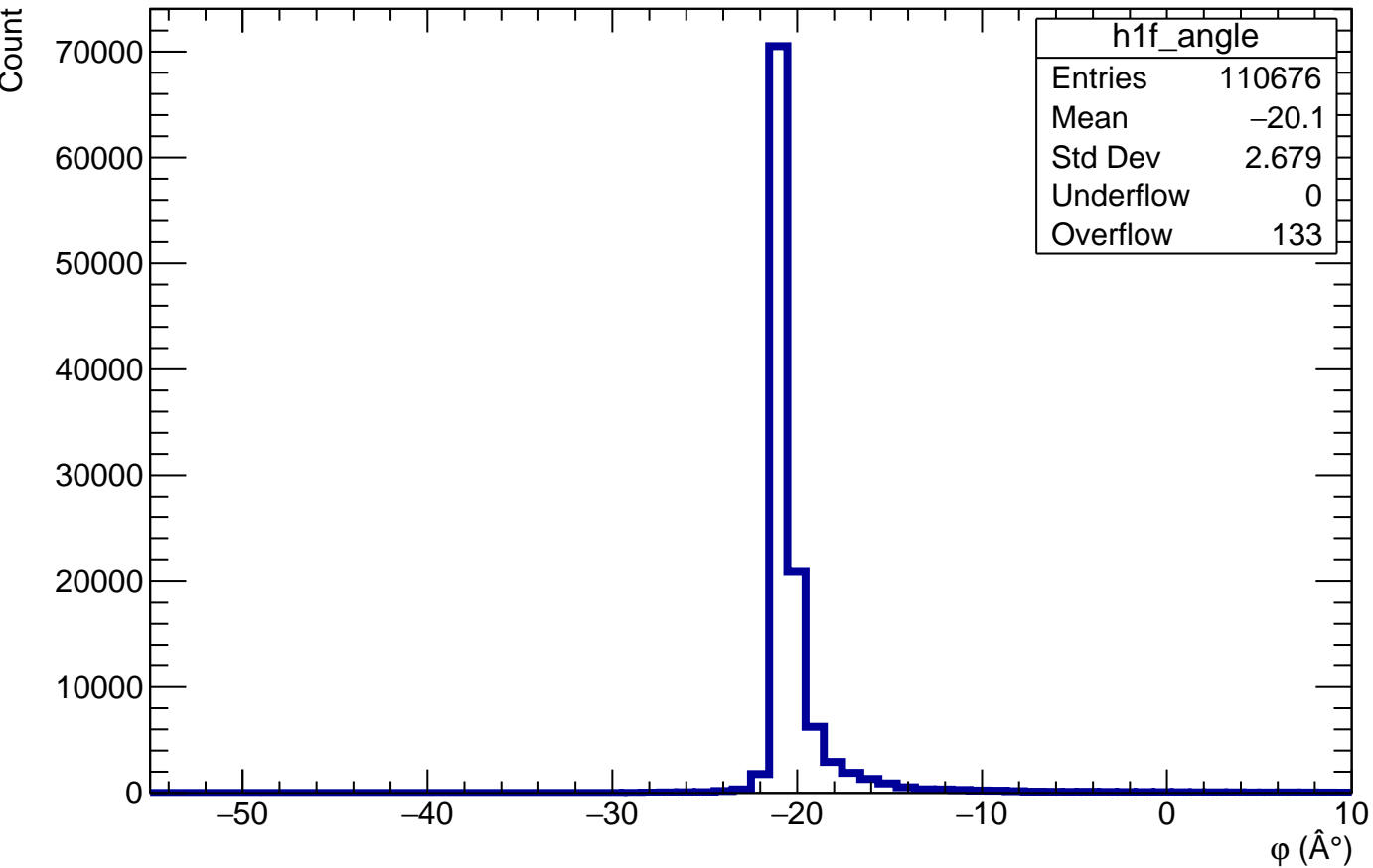
Length in pad normalized to maximum length in pad for a given φ

h1f_Lnorm	
Entries	110676
Mean	0.7788
Std Dev	0.2722
Underflow	0
Overflow	0

Count

$L_\cap/L_\varphi$

distance of track in pad

h1f_dist	
Entries	122300
Mean	0.8568
Std Dev	0.3964
Underflow	0
Overflow	0
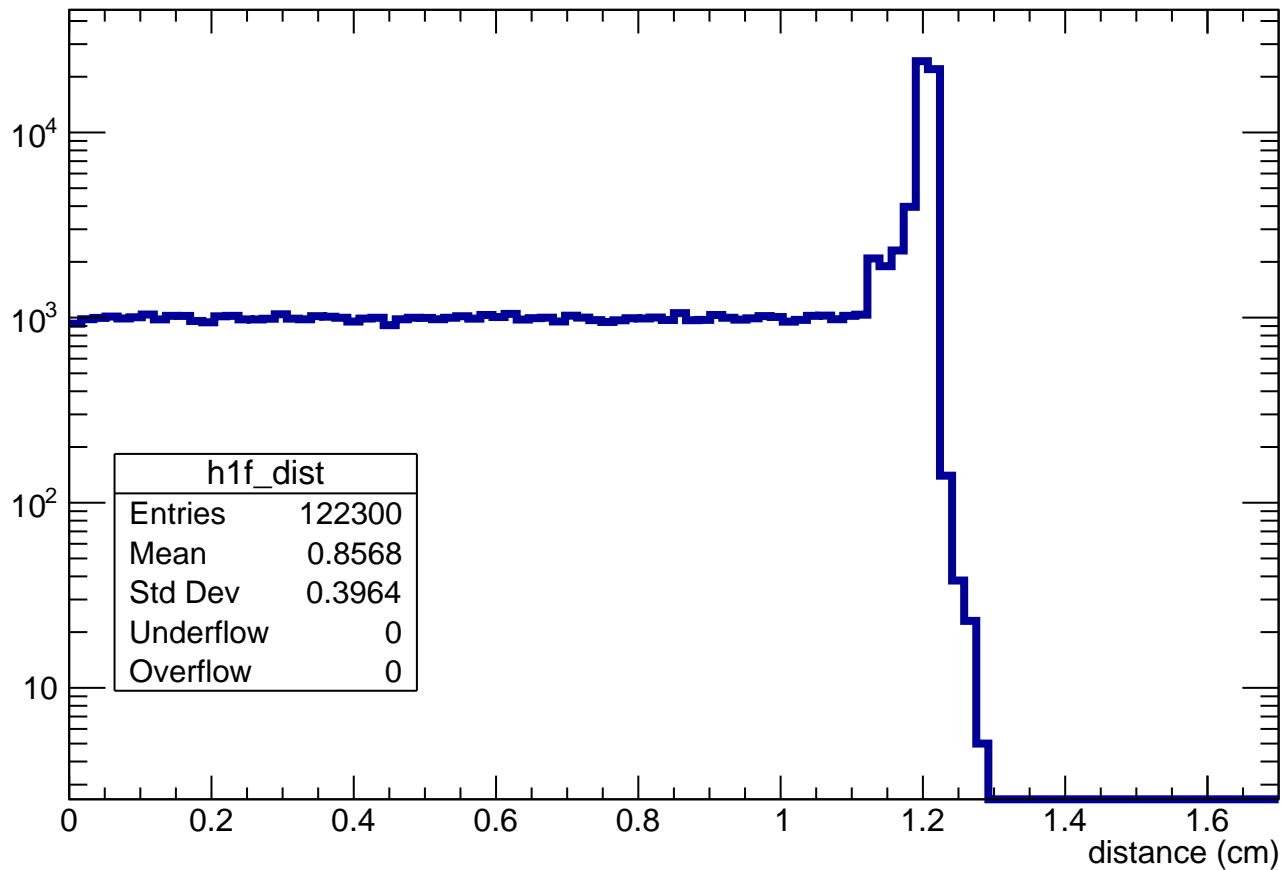
distance (cm)

distance of track in cluster

h1f_dist_clus	
Entries	87176
Mean	1.202
Std Dev	0.01728
Underflow	0
Overflow	0

distance (cm)

LUT(z_{file}) - LUT(z_{calc})

h2f_ratiodiff		
Entries		110676
Mean x		1.023
Mean y		0.005387
Std Dev x		0.09572
Std Dev y		0.01036
0	0	0
0	110676	0
0	0	0

ADC$_{max}$ VS length in pad (before length cut)

h2f_AmaxvsLength		
Entries		122300
Mean x		8.568
Mean y		989.1
Std Dev x		3.964
Std Dev y		600.2
0	0	0
0	122300	0
0	0	0
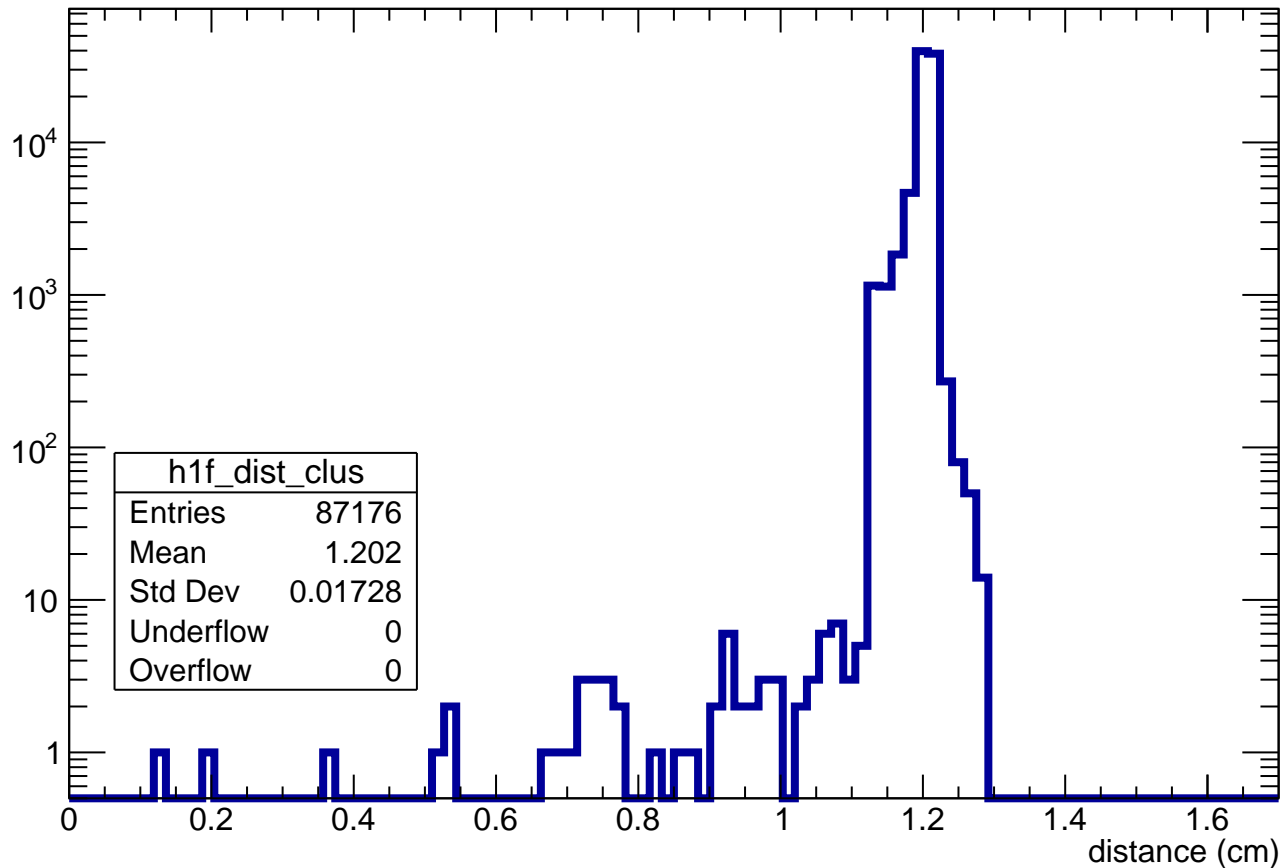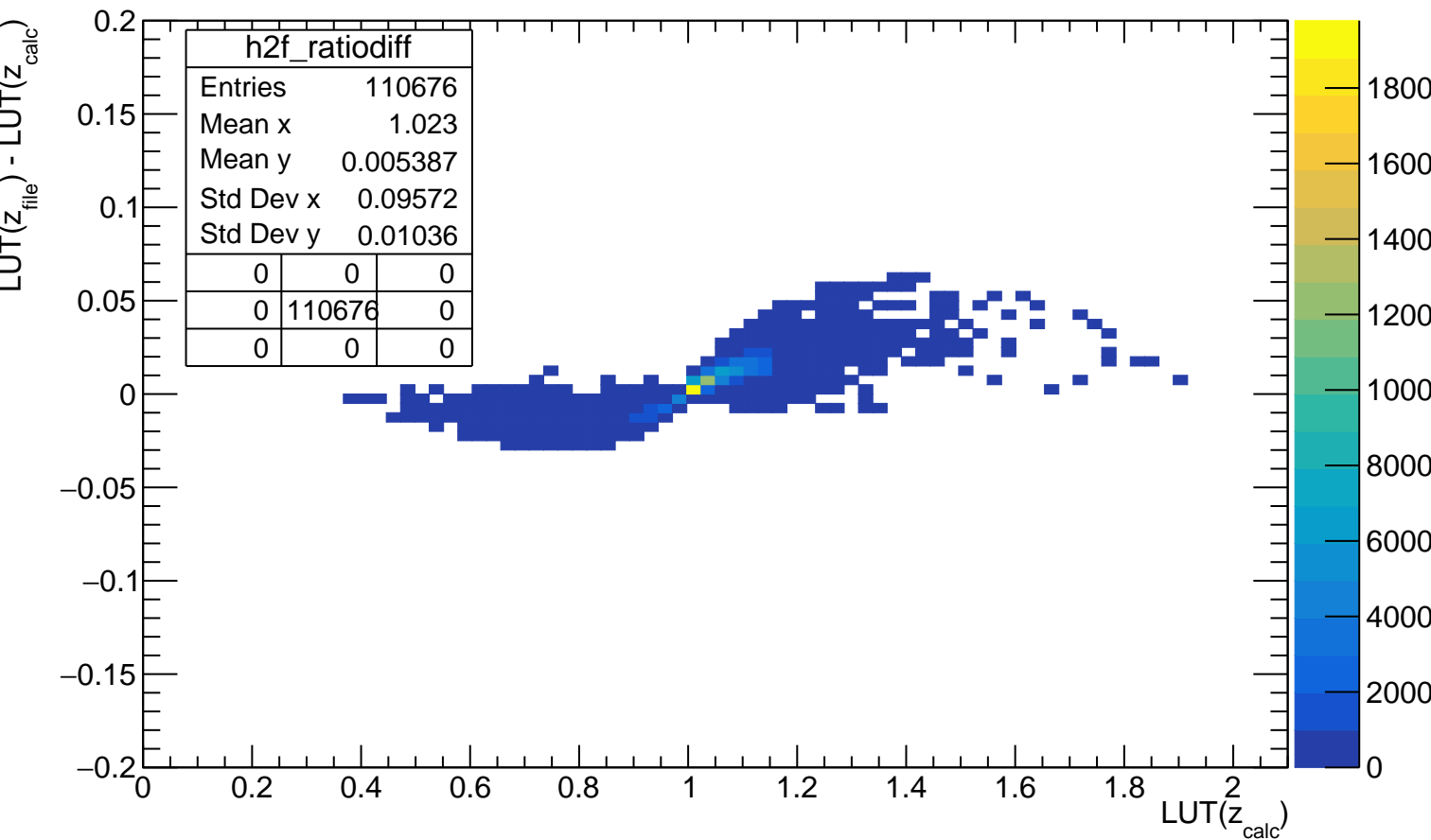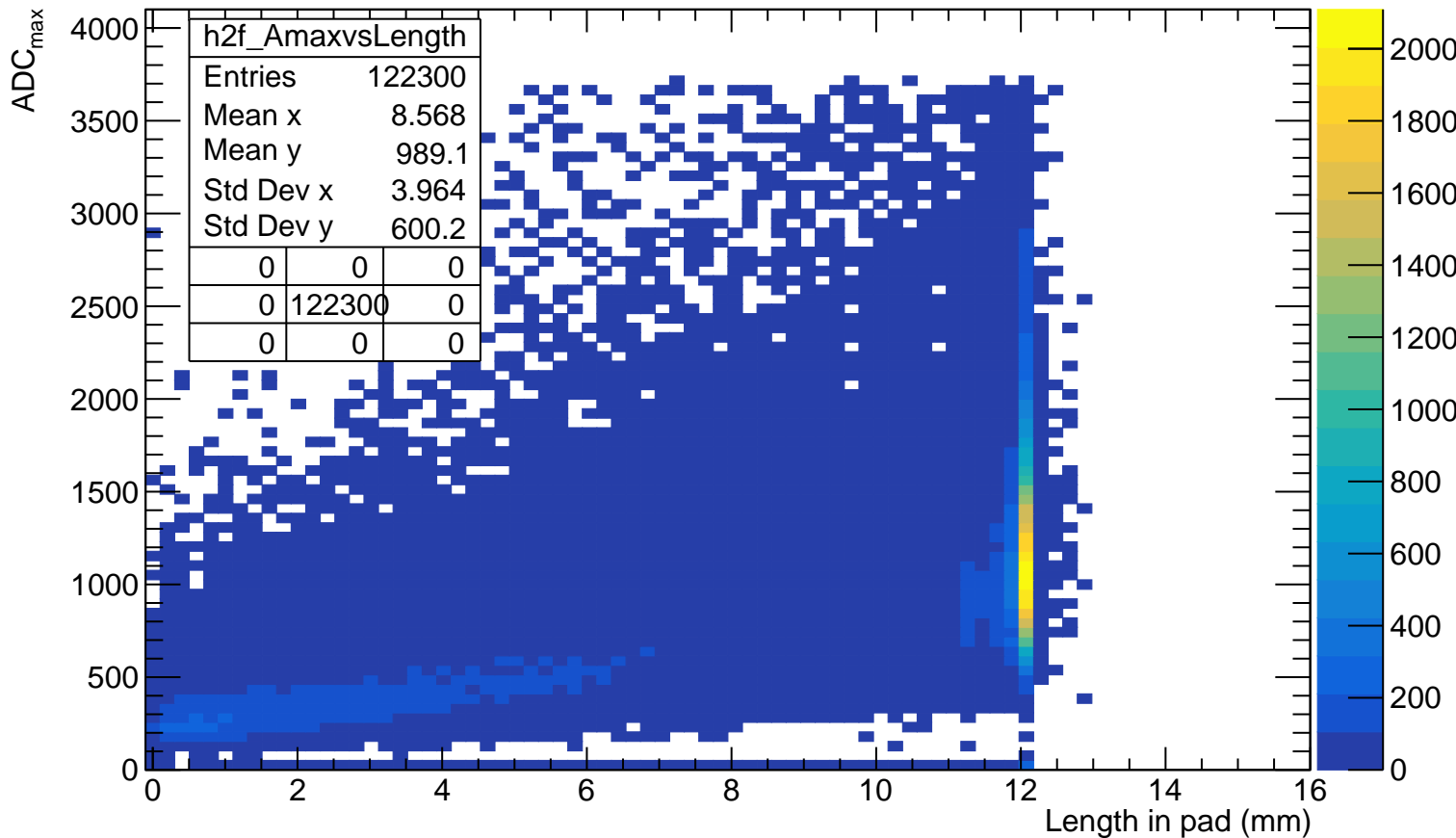
Q^{anode} VS length in pad (before length cut)

h2f_QvsLength		
Entries		122300
Mean x		8.568
Mean y		1007
Std Dev x		3.964
Std Dev y		668.1
0	20	0
0	122280	0
0	0	0
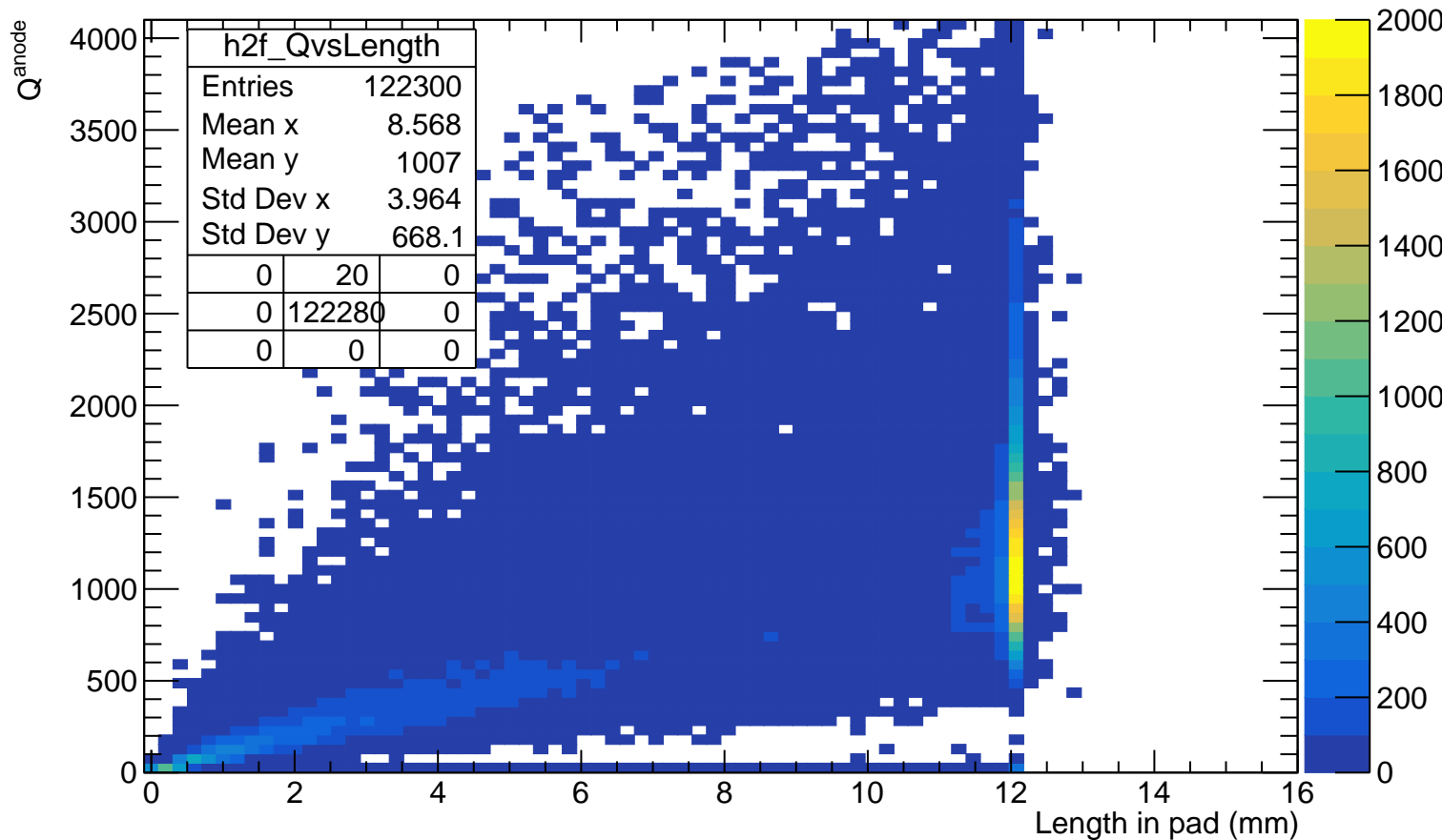
Q^{anode}/ADC_{max} VS length in pad (before length cut)

h2f_LUTvsLength		
Entries		122300
Mean x		8.568
Mean y		0.9613
Std Dev x		3.964
Std Dev y		0.2184
0	0	0
0	122300	0
0	0	0
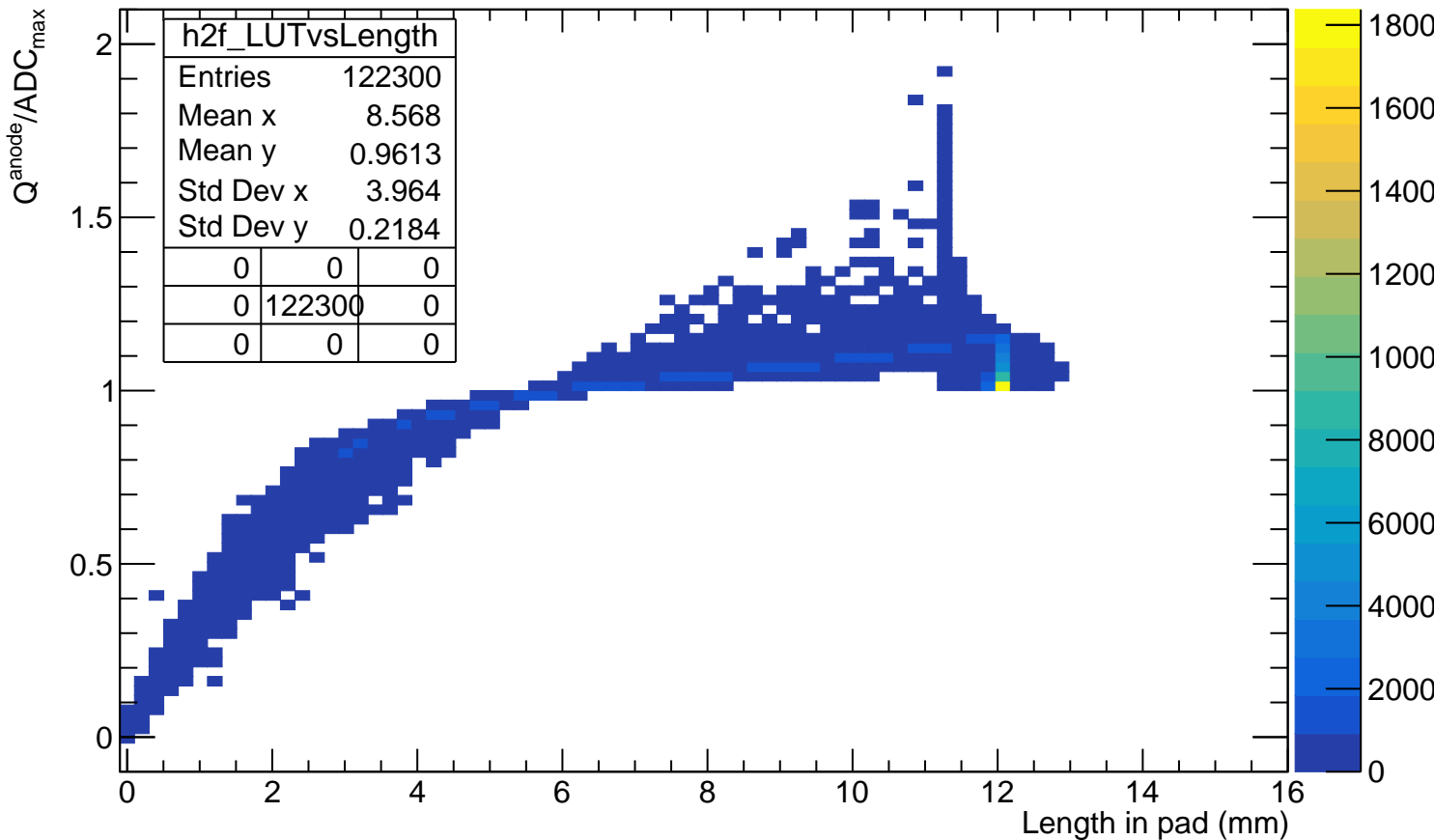
Length in pad (mm)

WF$_{sum}$ VS length in cluster

h2f_WFvsLength		
Entries		87176
Mean x		12.02
Mean y		1459
Std Dev x		0.1731
Std Dev y		614.3
0	458	0
0	86718	0
0	0	0
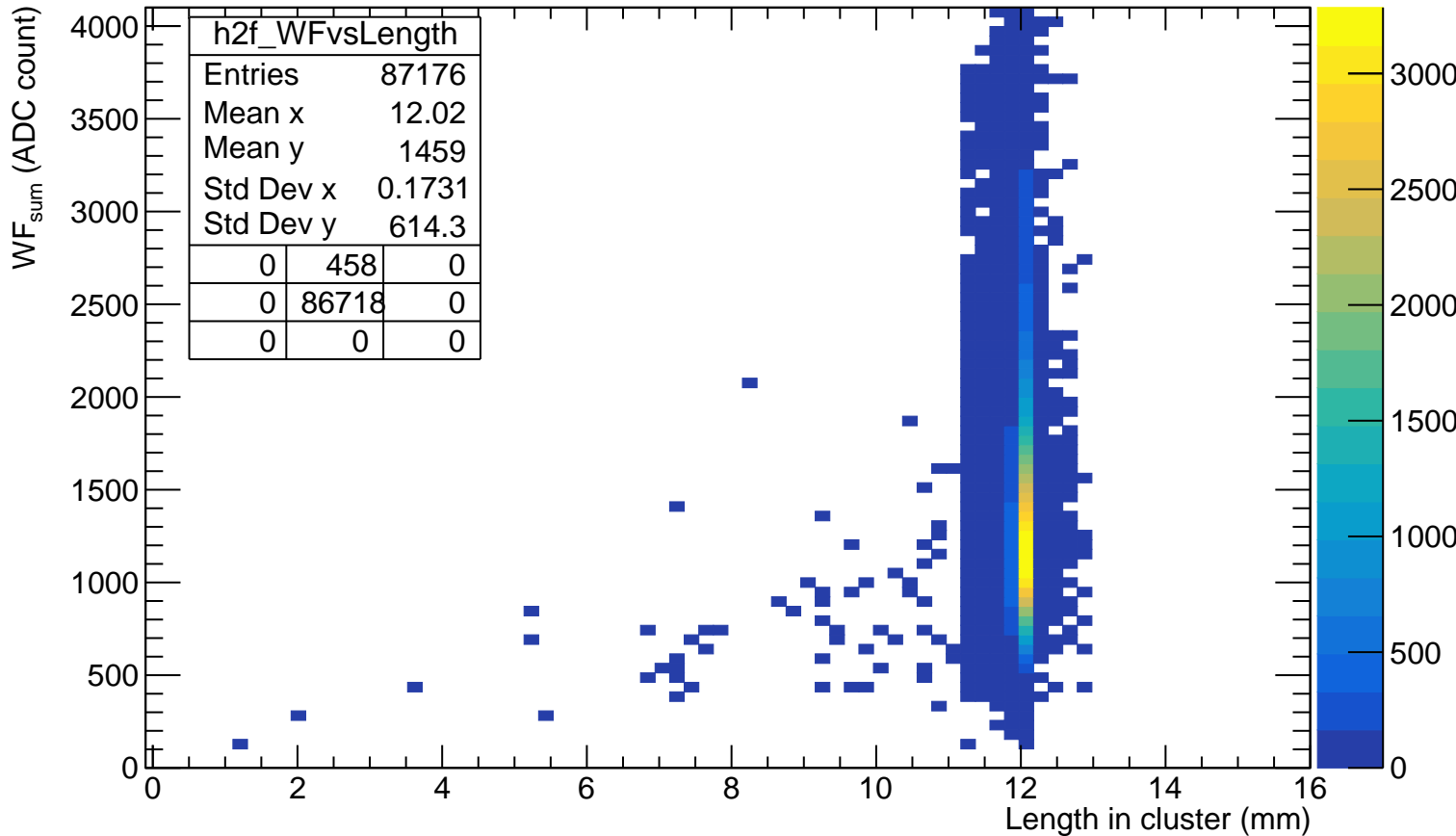
Length in pad VS impact parameter d

h2f_lenVSd	
Entries	122300
Mean x	8.568
Mean y	−0.003095
Std Dev x	3.964
Std Dev y	3.875

0	0	0
0	122300	0
0	0	0

Impact parameter d (mm)

Length in pad (mm)