T_{max} of crossed pads

h1f_Tcross	
Entries	316437
Mean	209.4
Std Dev	2.649
Underflow	0
Overflow	0

Count

T (timbebin)

Number of crossed pads

h1f_Ncross	
Entries	8888
Mean	35.61
Std Dev	0.998
Underflow	1
Overflow	0

Count

# of crossed pads

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

h1f_XPdiff	
Entries	8888
Mean	0.005095
Std Dev	6.536
Underflow	0
Overflow	0

Count

difference (ADC count)

$Z_{file = 550mm} - Z_{computed}$

h1f_zdiff	
Entries	316437
Mean	46.56
Std Dev	8.235
Underflow	3
Overflow	0

difference (mm)

Count

Angle φ in each pad

h1f_angle	
Entries	316437
Mean	−3.535
Std Dev	1.548
Underflow	3
Overflow	1771
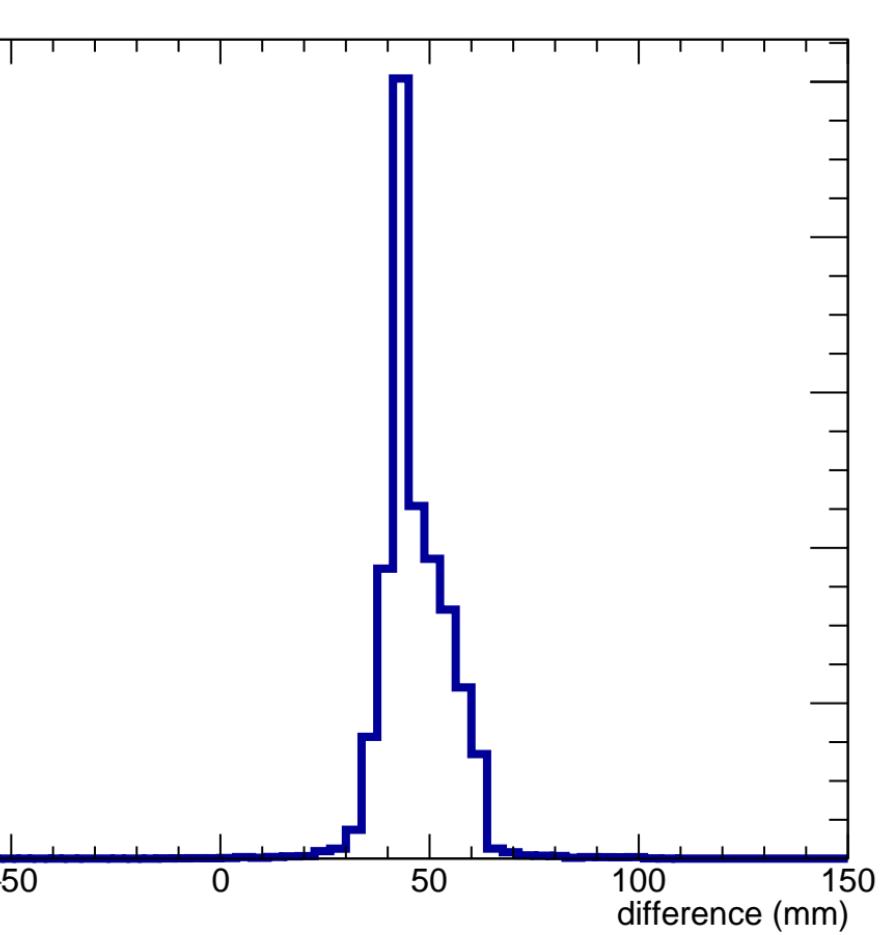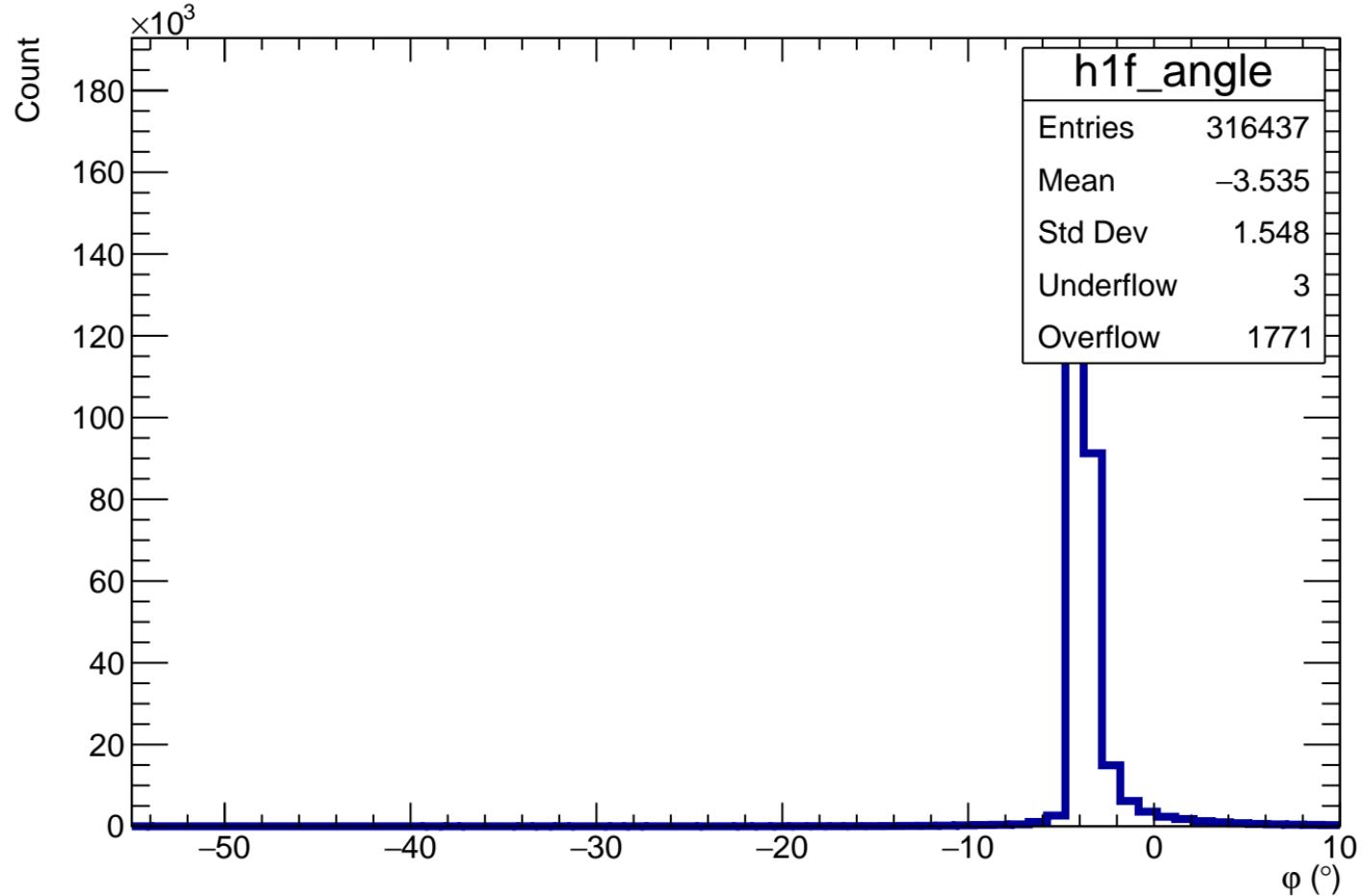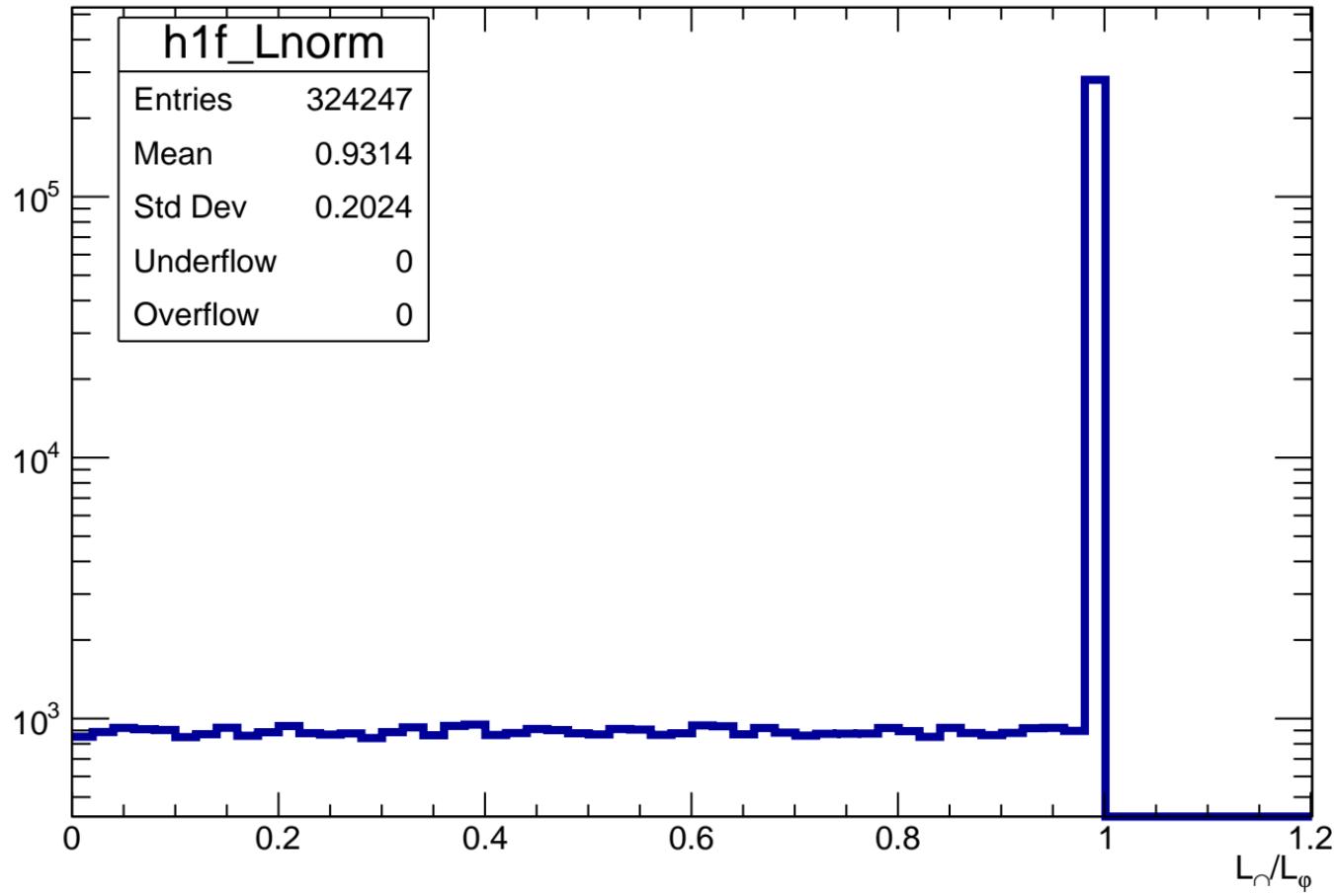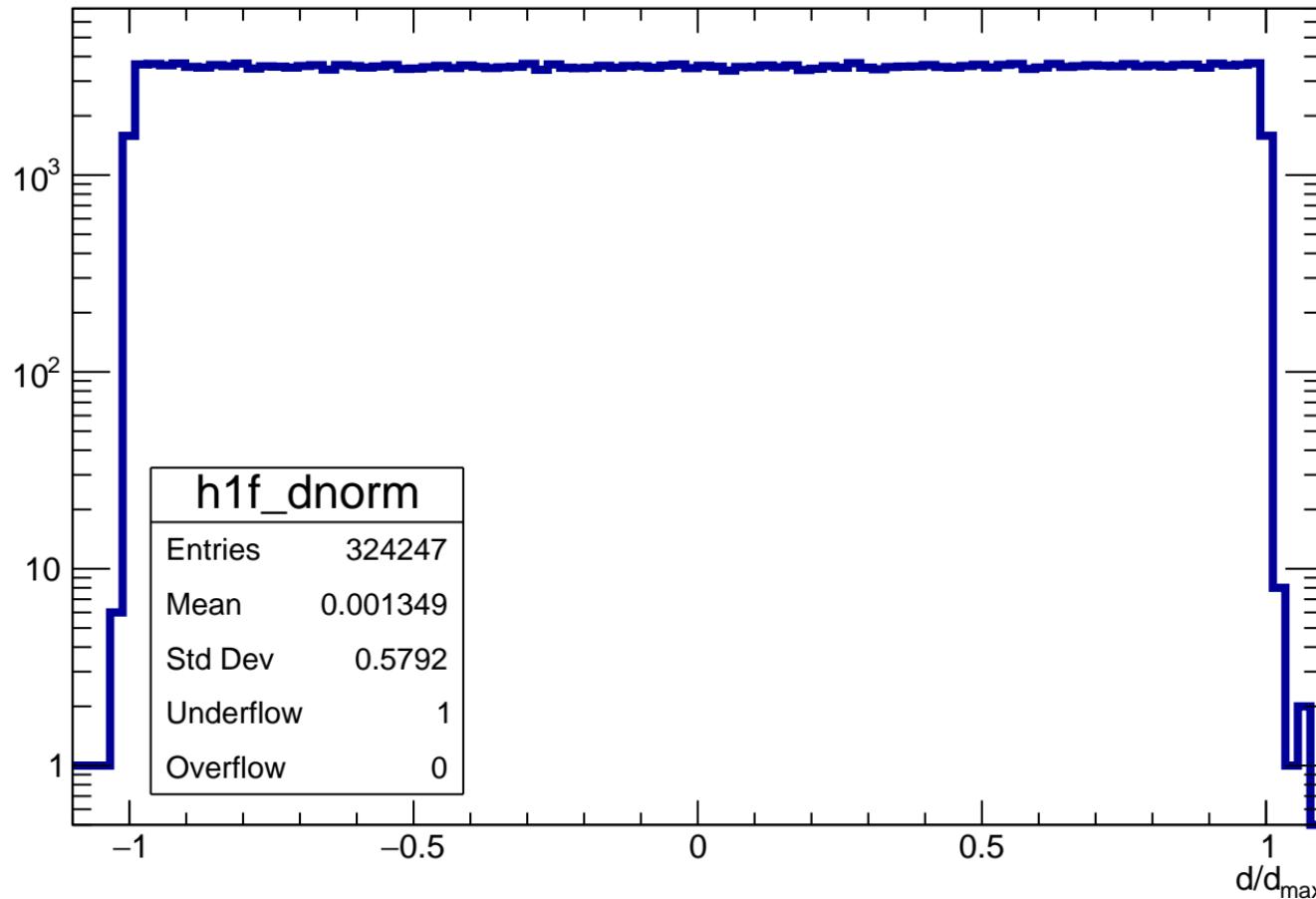
Length in pad normalized to maximum length in pad for a given φ

h1f_Lnorm	
Entries	324247
Mean	0.9314
Std Dev	0.2024
Underflow	0
Overflow	0

Count

$L_\cap / L_\varphi$
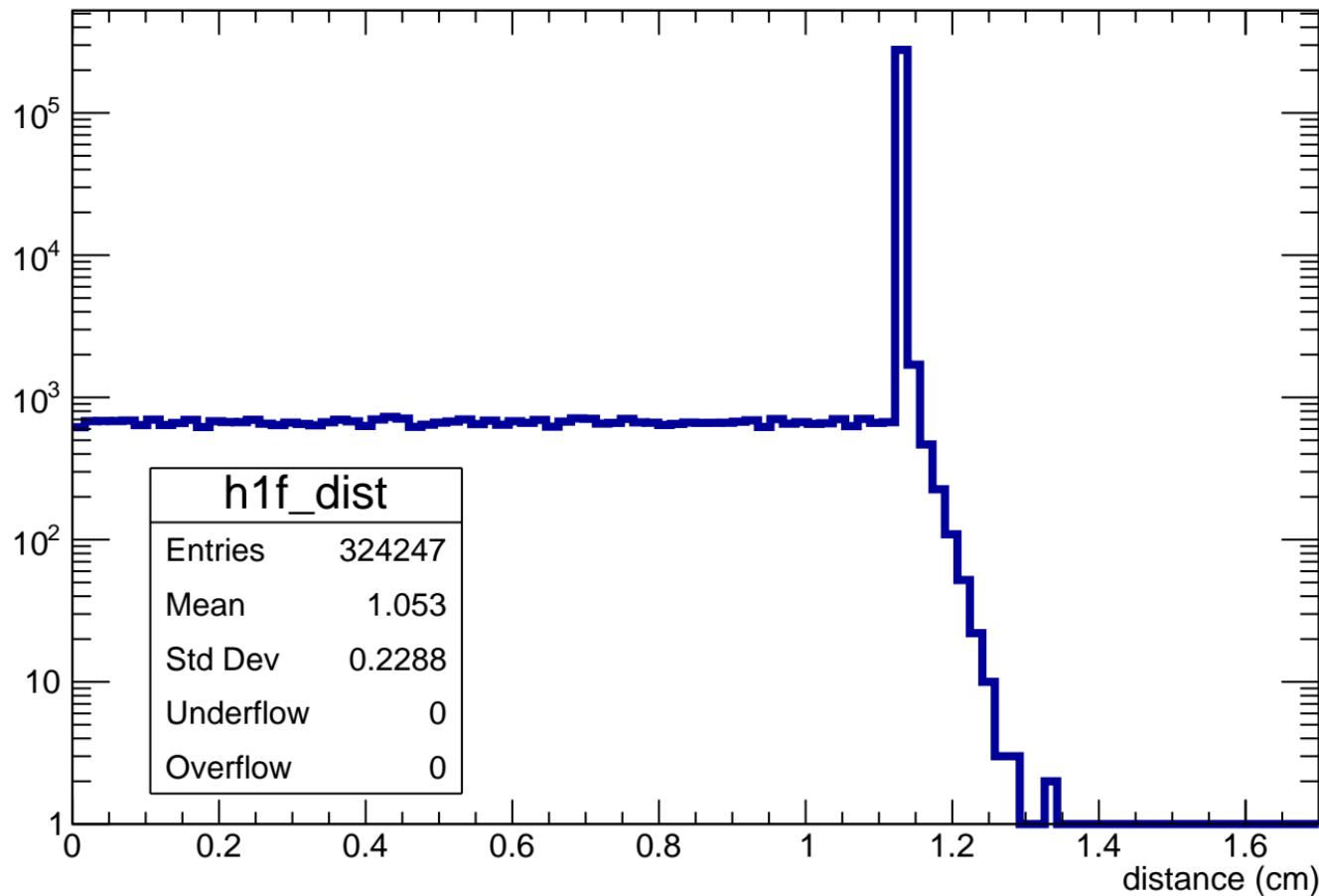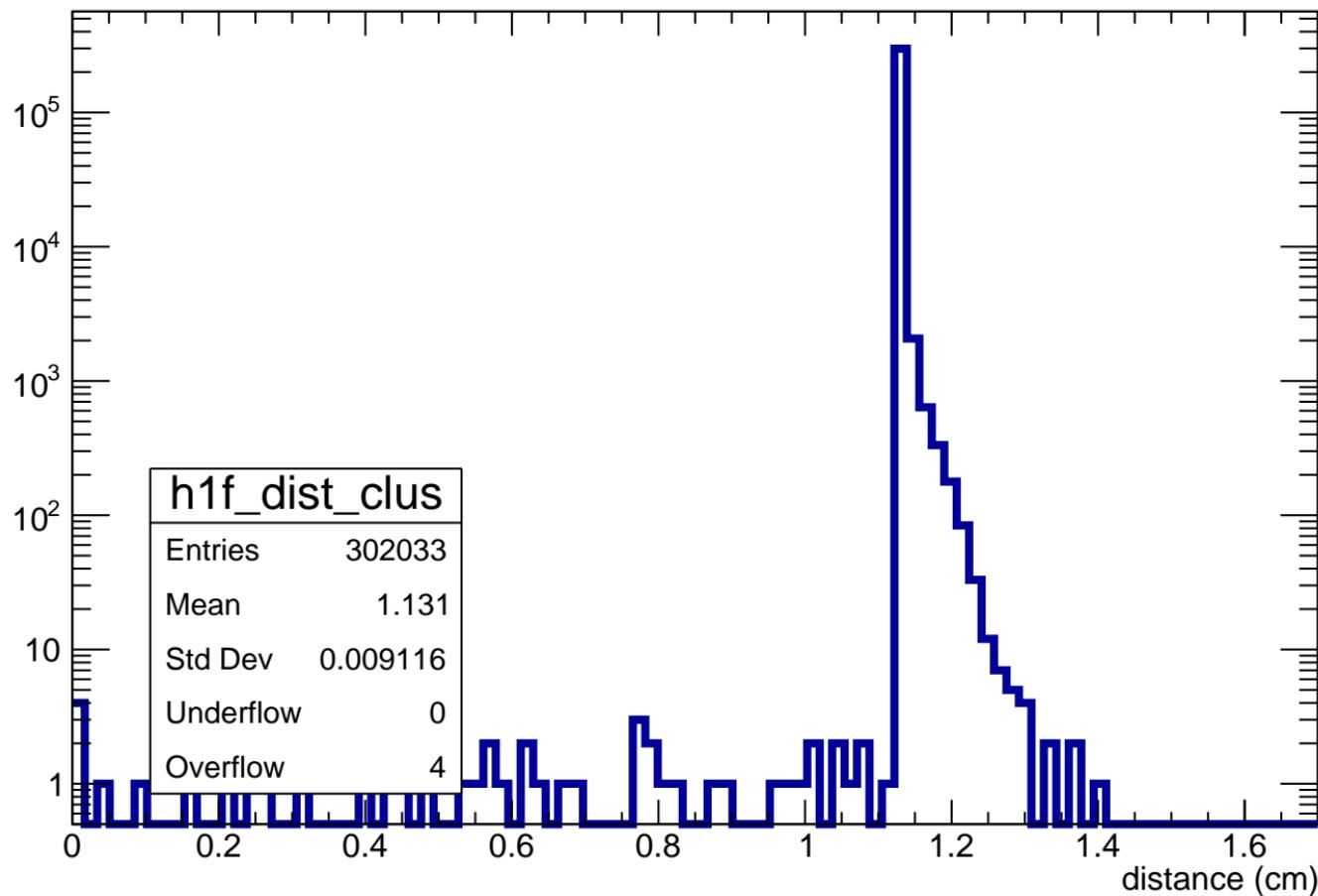
Normalized impact parameter d/d$_{max}$

h1f_dnorm	
Entries	324247
Mean	0.001349
Std Dev	0.5792
Underflow	1
Overflow	0

d/d_{max}

distance of track in pad

h1f_dist	
Entries	324247
Mean	1.053
Std Dev	0.2288
Underflow	0
Overflow	0
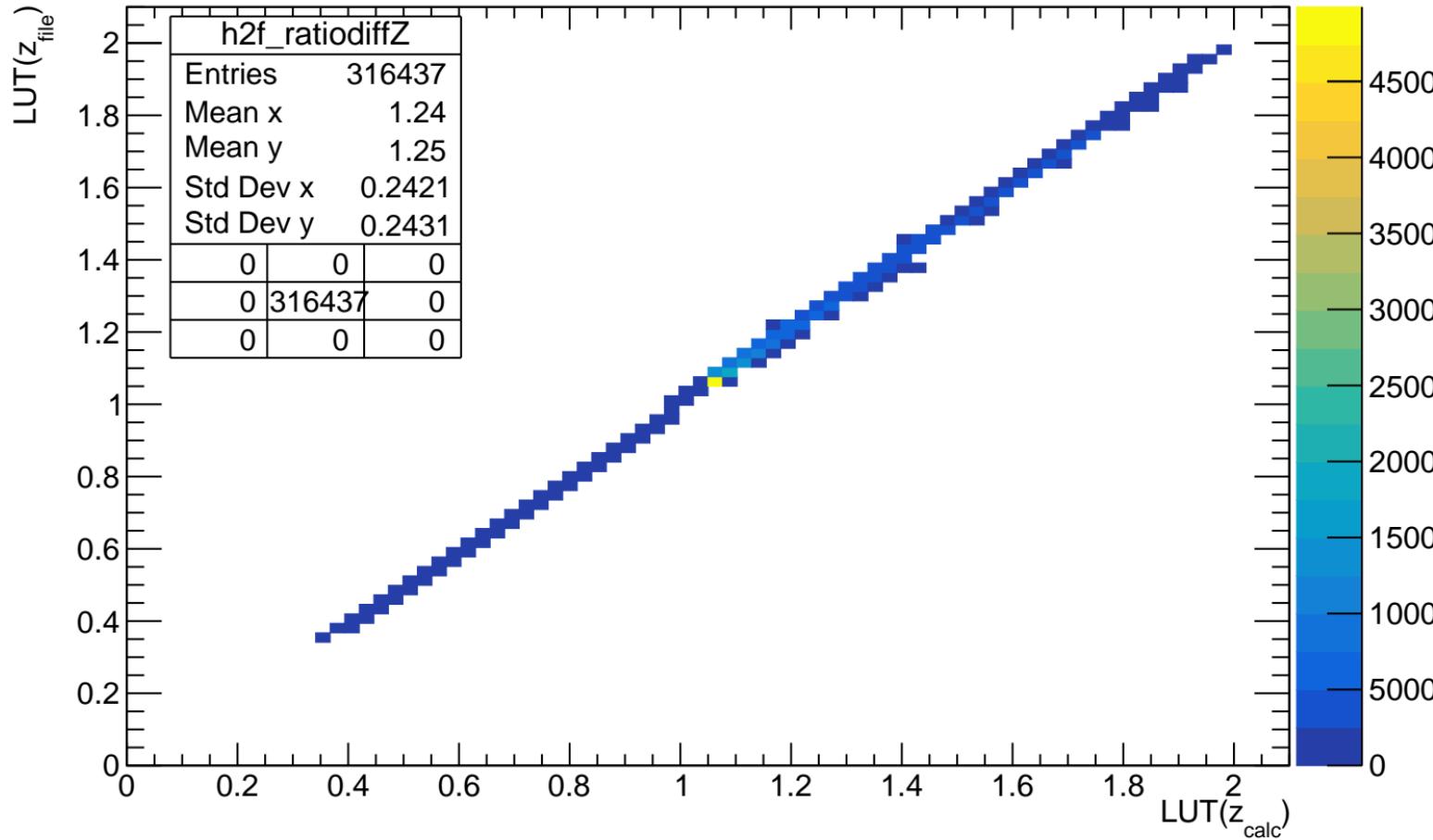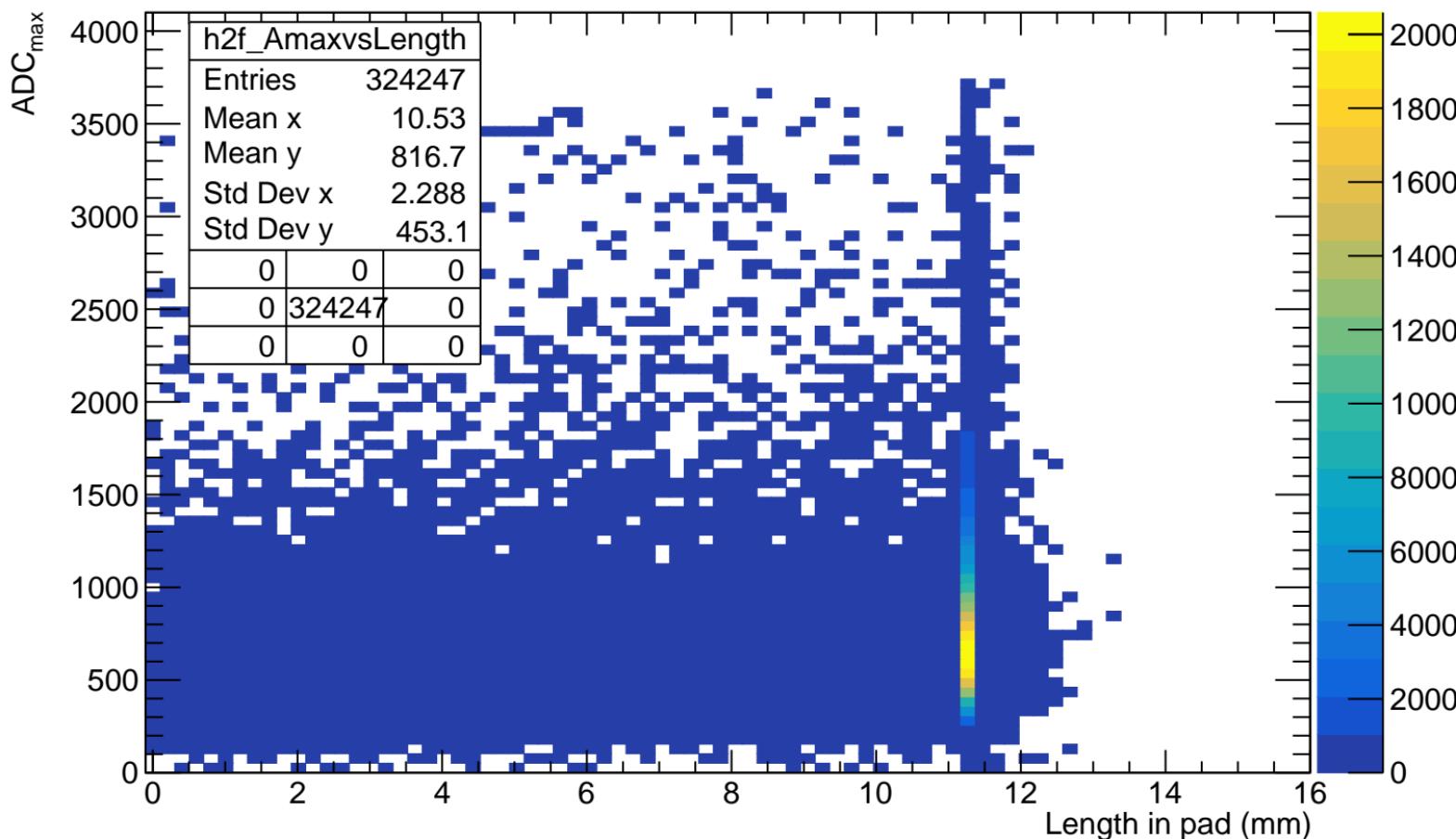
distance (cm)

distance of track in cluster

h1f_dist_clus	
Entries	302033
Mean	1.131
Std Dev	0.009116
Underflow	0
Overflow	4

distance (cm)

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

h2f_ratiodiffZ		
Entries		316437
Mean x		1.24
Mean y		1.25
Std Dev x		0.2421
Std Dev y		0.2431
0	0	0
0	316437	0
0	0	0

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

h2f_AmaxvsLength		
Entries		324247
Mean x		10.53
Mean y		816.7
Std Dev x		2.288
Std Dev y		453.1
0	0	0
0	324247	0
0	0	0
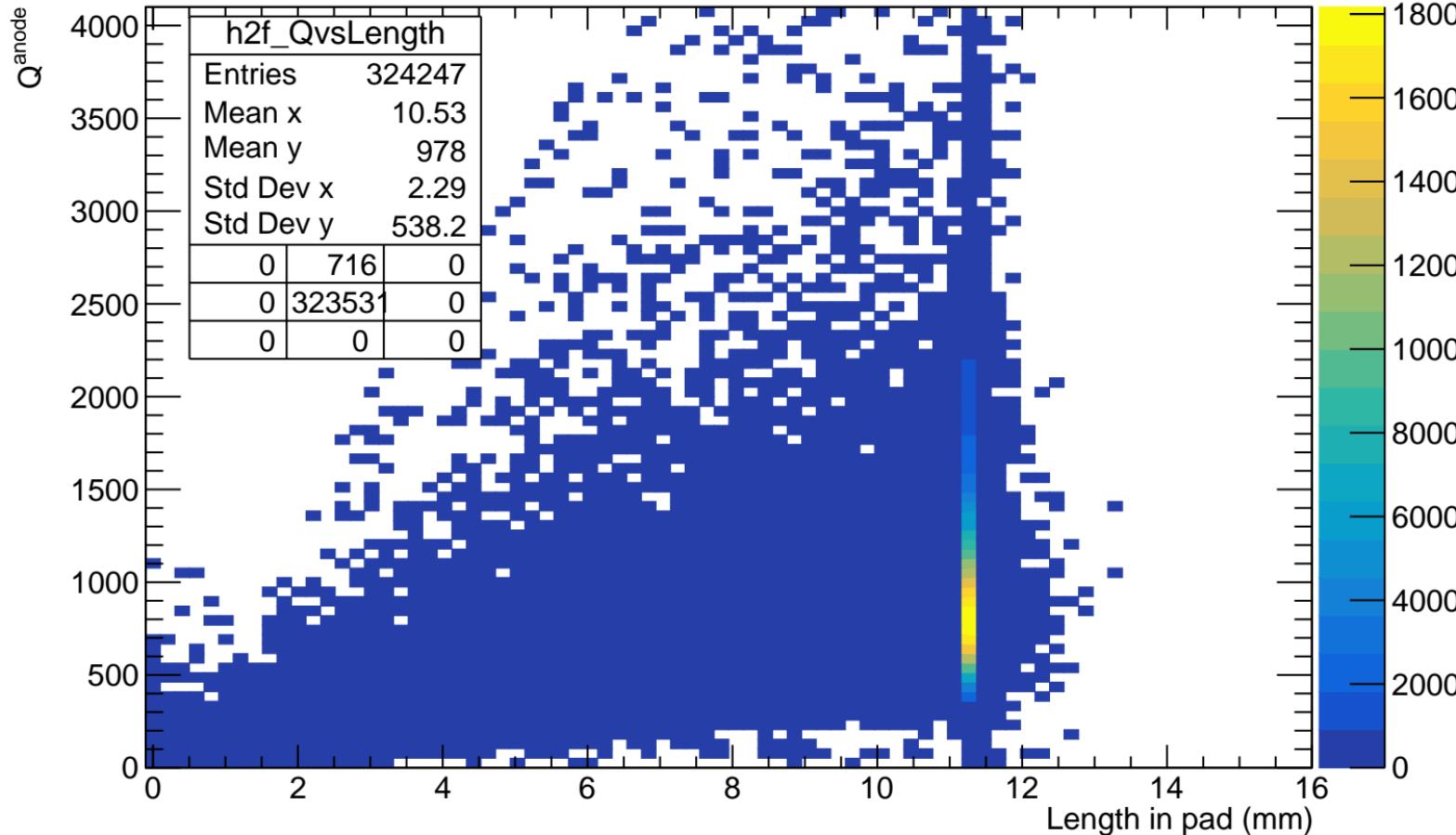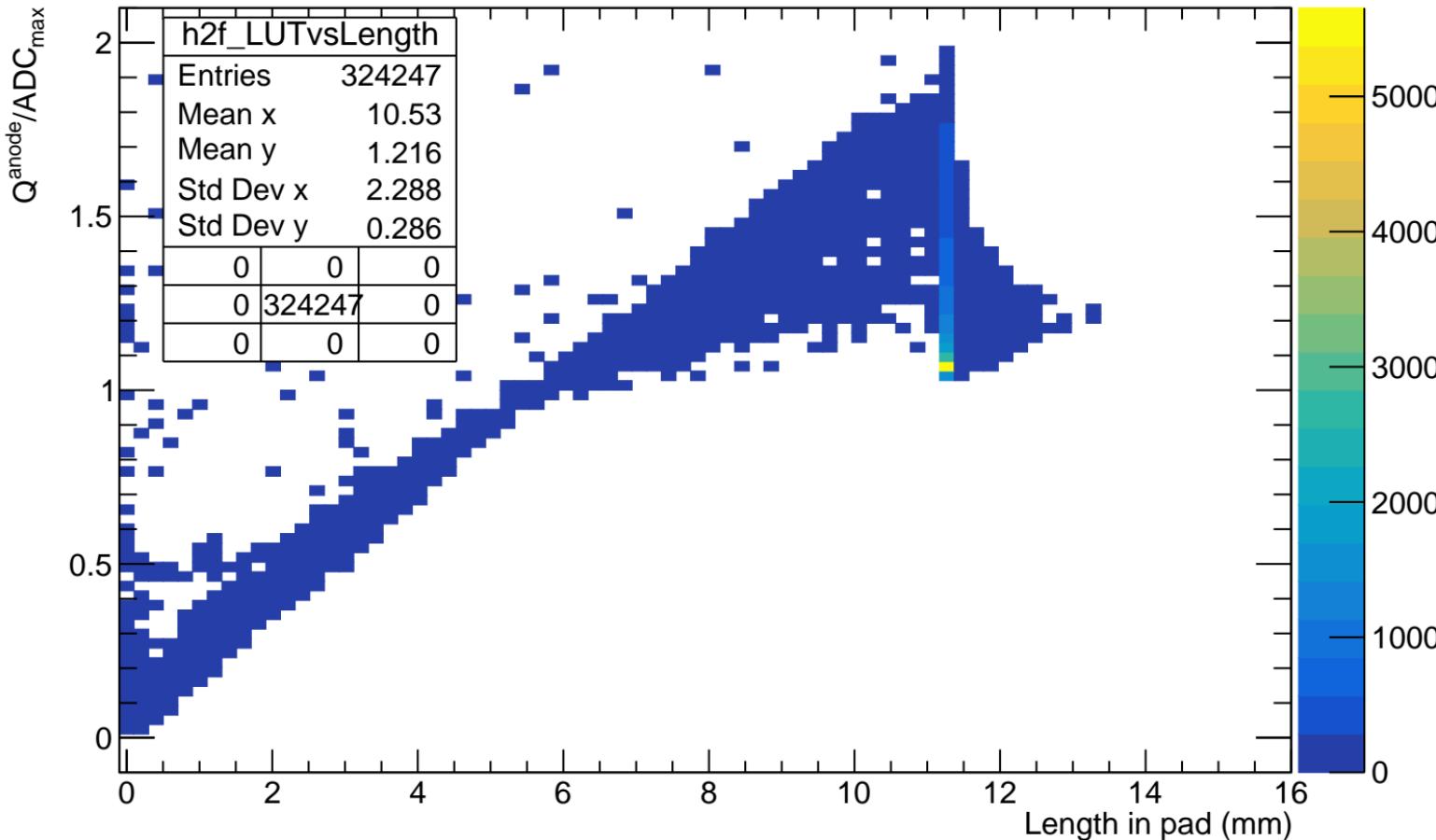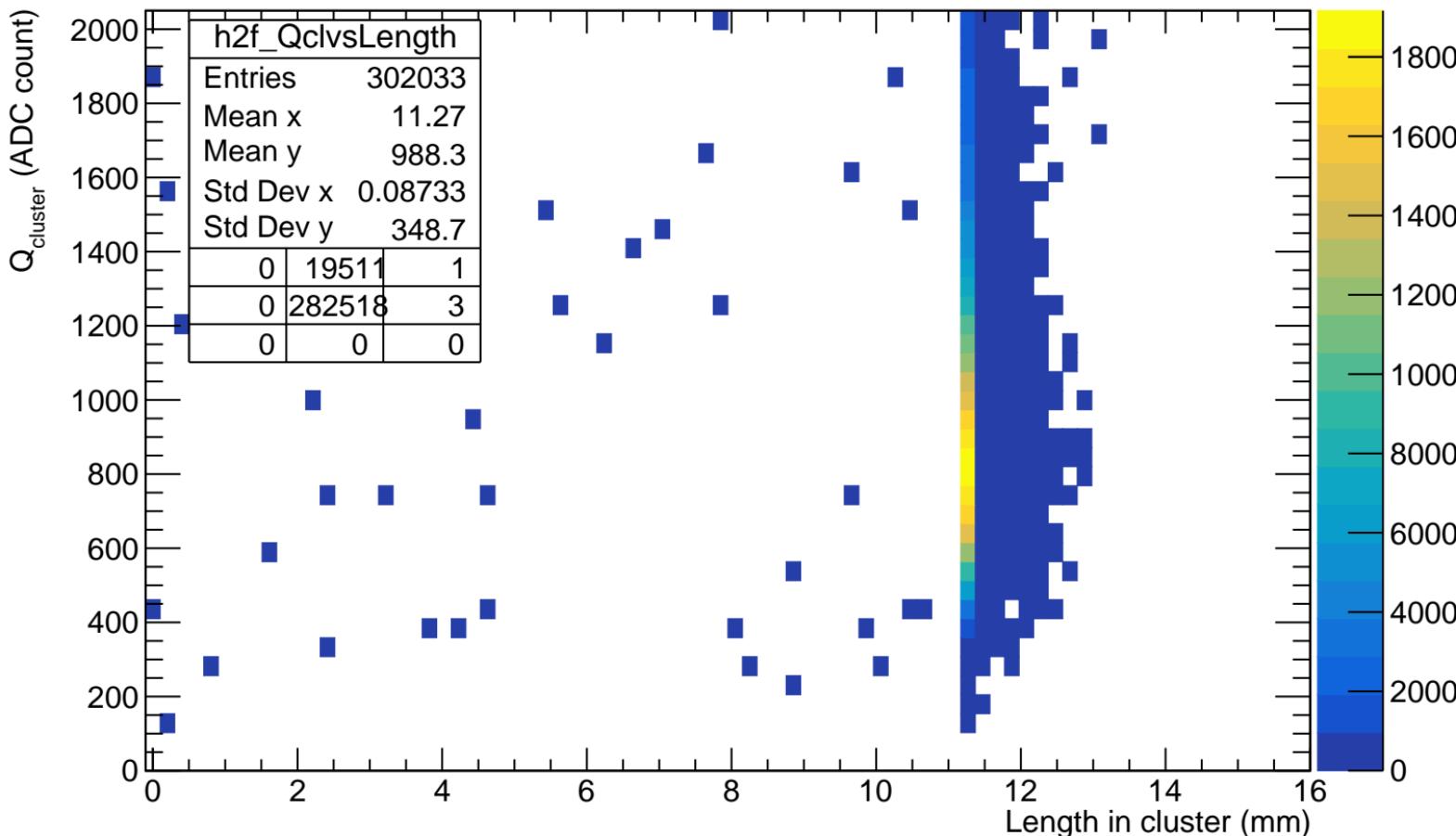
Q^{anode} VS length in pad (before length cut)

h2f_QvsLength	
Entries	324247
Mean x	10.53
Mean y	978
Std Dev x	2.29
Std Dev y	538.2

0	716	0
0	323531	0
0	0	0

Q^{anode}/ADC$_{max}$ VS length in pad (before length cut)

h2f_LUTvsLength		
Entries		324247
Mean x		10.53
Mean y		1.216
Std Dev x		2.288
Std Dev y		0.286
0	0	0
0	324247	0
0	0	0
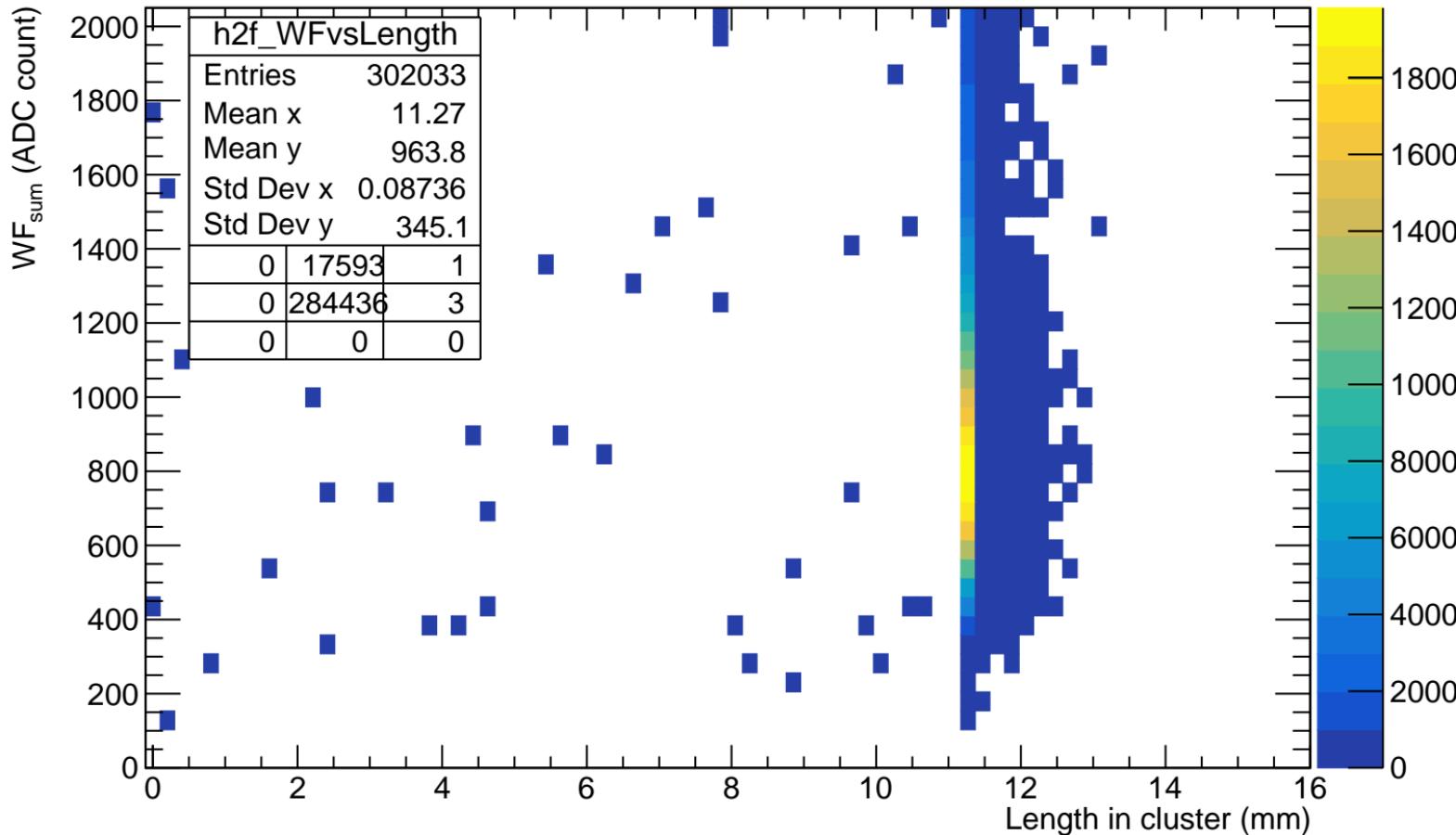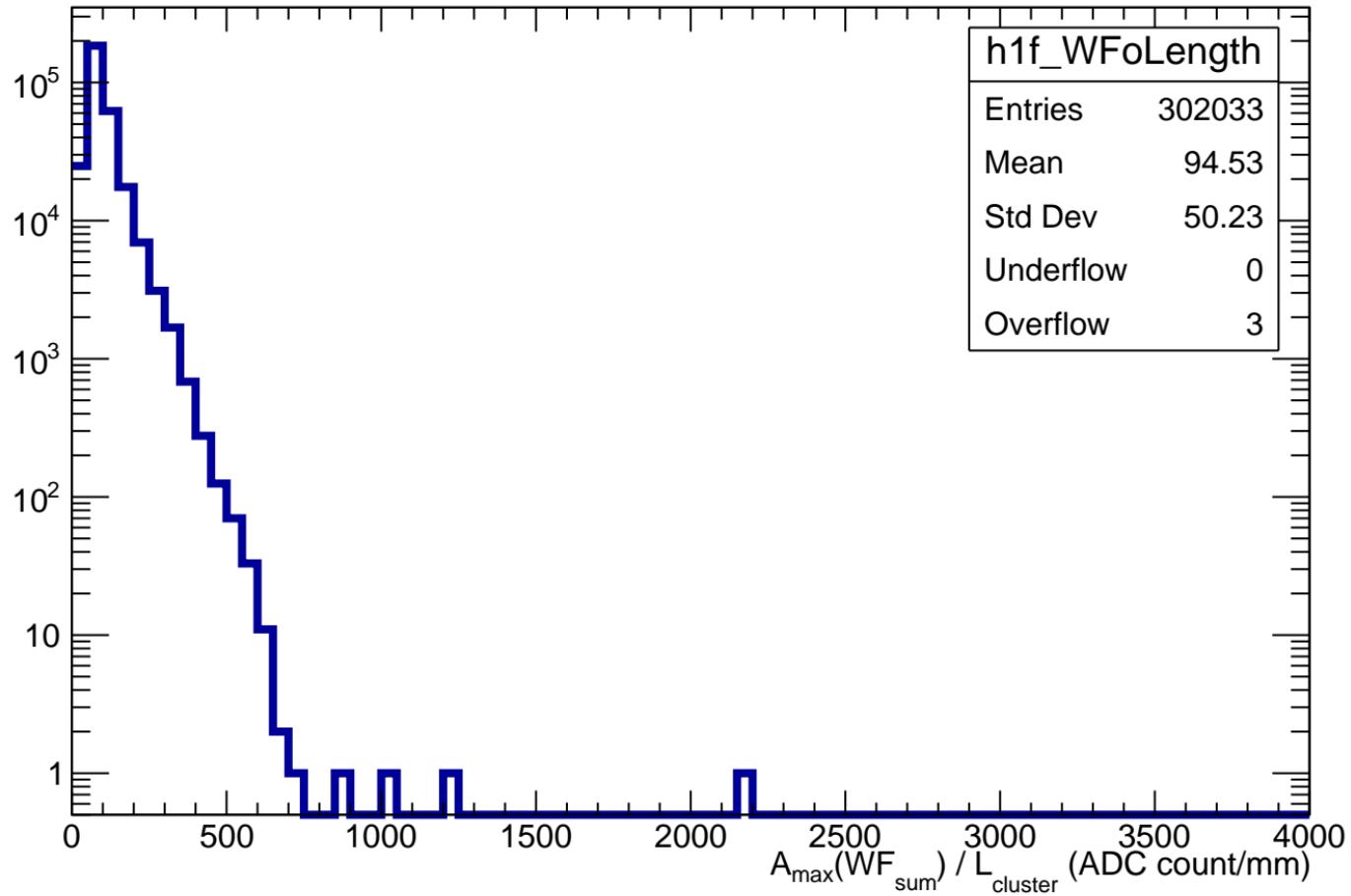
Length in pad (mm)

$Q_{cluster}$ VS length in cluster

h2f_QclvsLength		
Entries		302033
Mean x		11.27
Mean y		988.3
Std Dev x		0.08733
Std Dev y		348.7
0	19511	1
0	282518	3
0	0	0

WF$_{sum}$ VS length in cluster

h2f_WFvsLength		
Entries	302033	
Mean x	11.27	
Mean y	963.8	
Std Dev x	0.08736	
Std Dev y	345.1	
0	17593	1
0	284436	3
0	0	0

$A_{max}(WF_{sum}) / L_{cluster}$

h1f_WFoLength	
Entries	302033
Mean	94.53
Std Dev	50.23
Underflow	0
Overflow	3

$A_{max}(WF_{sum}) / L_{cluster}$ (ADC count/mm)

impact parameter d vs length in pad

h2f_lenVSd

Entries	324247
Mean x	10.53
Mean y	0.007256
Std Dev x	2.288
Std Dev y	3.16

0	0	0
0	324247	0
0	0	0

Impact parameter d (mm)

Length in pad (mm)