T$_{max}$ of crossed pads

h1f_Tcross	
Entries	382170
Mean	213.7
Std Dev	2.346
Underflow	0
Overflow	0

Count

T (timbebin)

Number of crossed pads

h1f_Ncross	
Entries	8116
Mean	47.09
Std Dev	3.506
Underflow	0
Overflow	0

Count

# of crossed pads

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

h1f_XPdiff	
Entries	8116
Mean	5.272
Std Dev	17.84
Underflow	1
Overflow	0
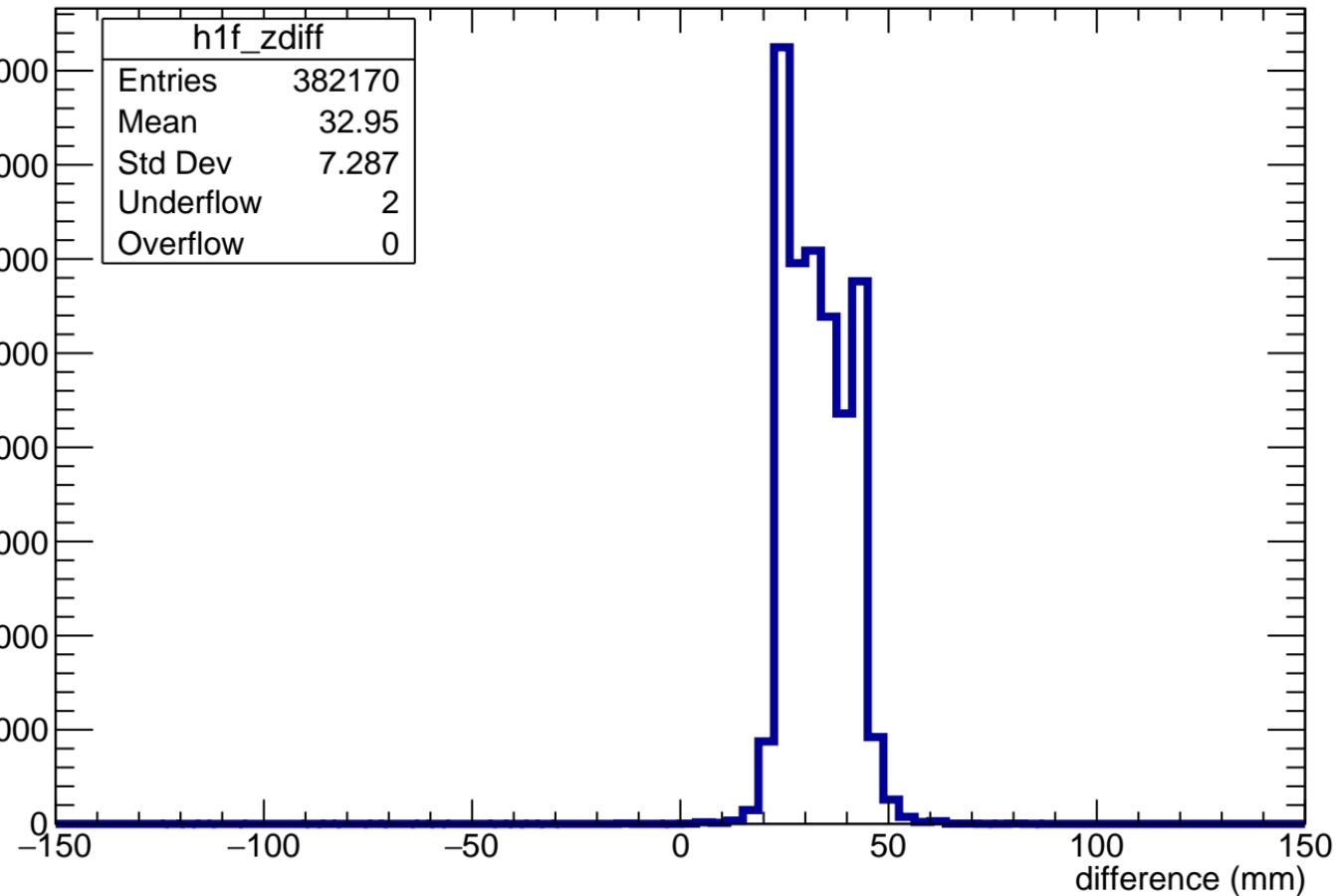
Count

difference (ADC count)
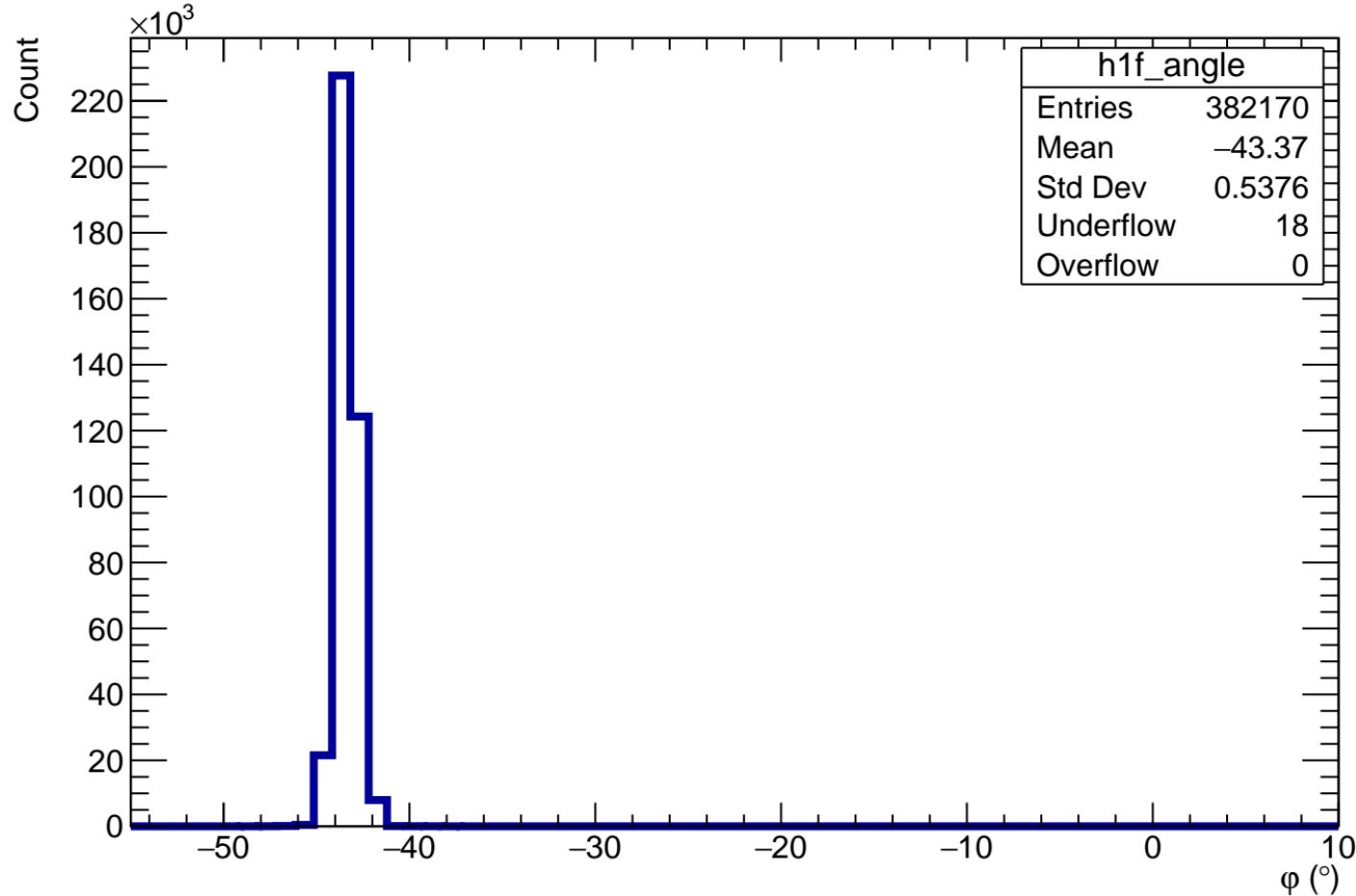
$Z_{file\ =\ 550mm} - Z_{computed}$

Count

difference (mm)

h1f_zdiff	
Entries	382170
Mean	32.95
Std Dev	7.287
Underflow	2
Overflow	0

Angle φ in each pad

h1f_angle	
Entries	382170
Mean	−43.37
Std Dev	0.5376
Underflow	18
Overflow	0
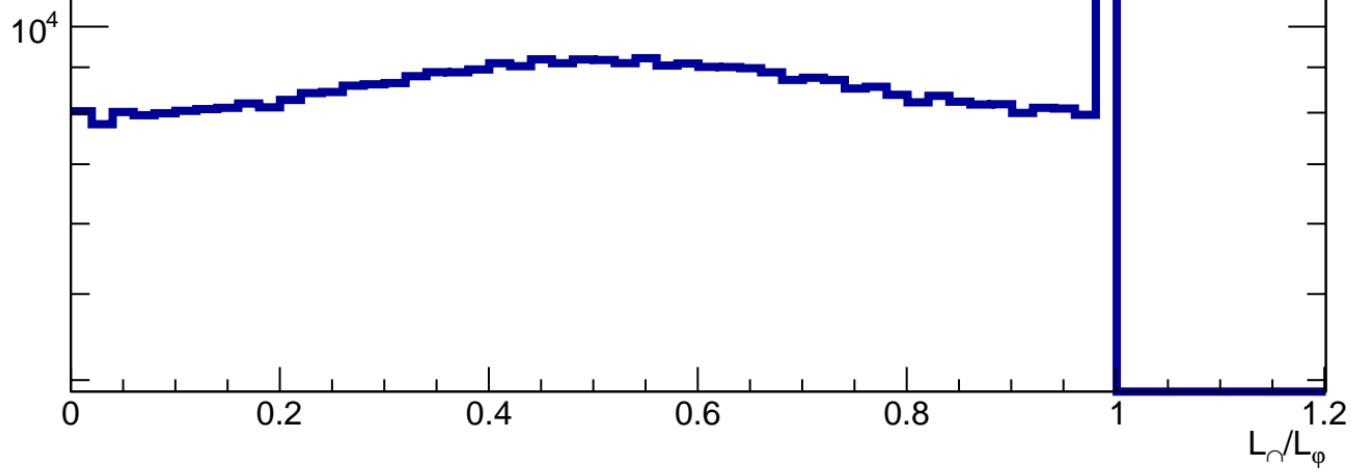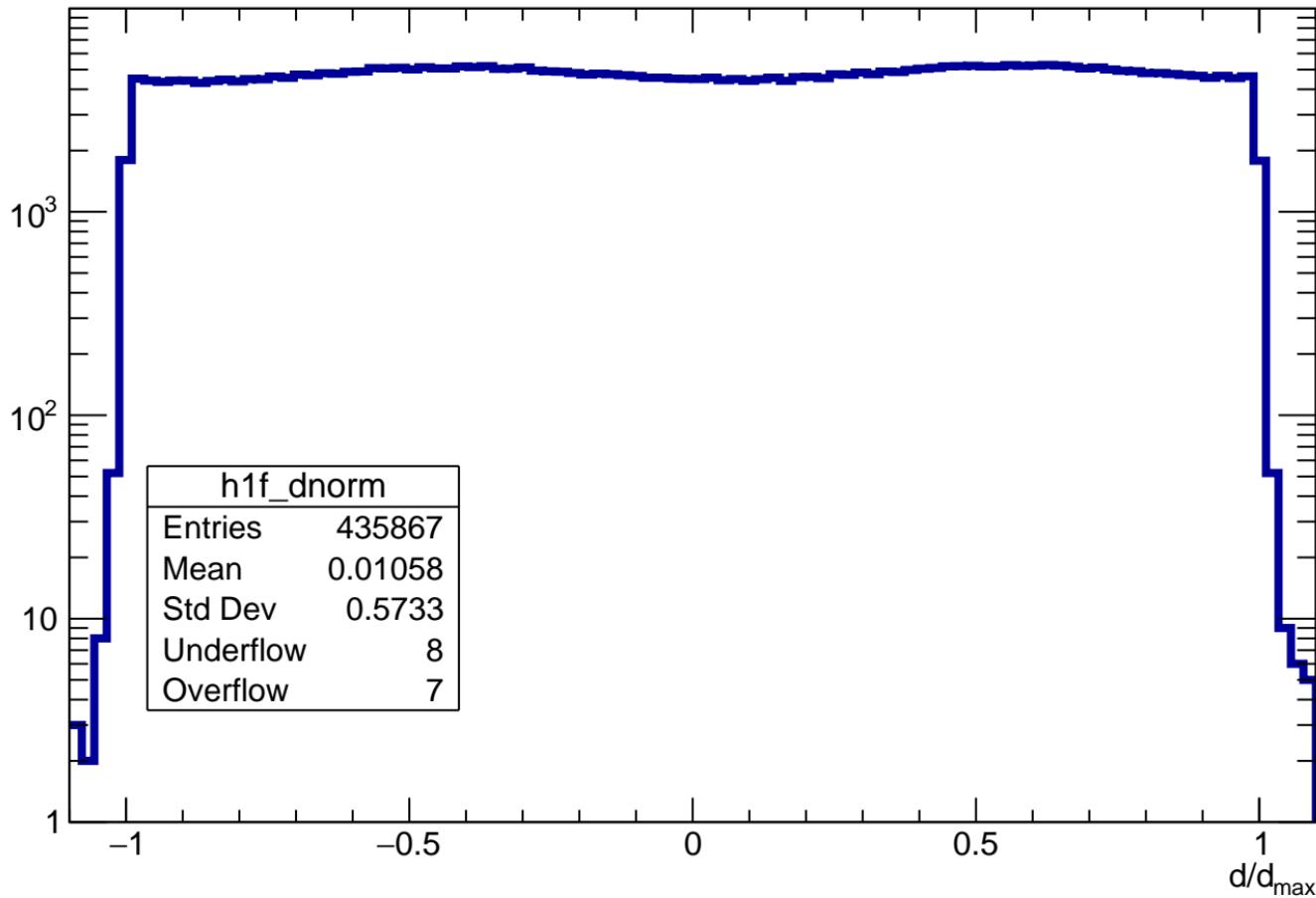
Length in pad normalized to maximum length in pad for a given φ
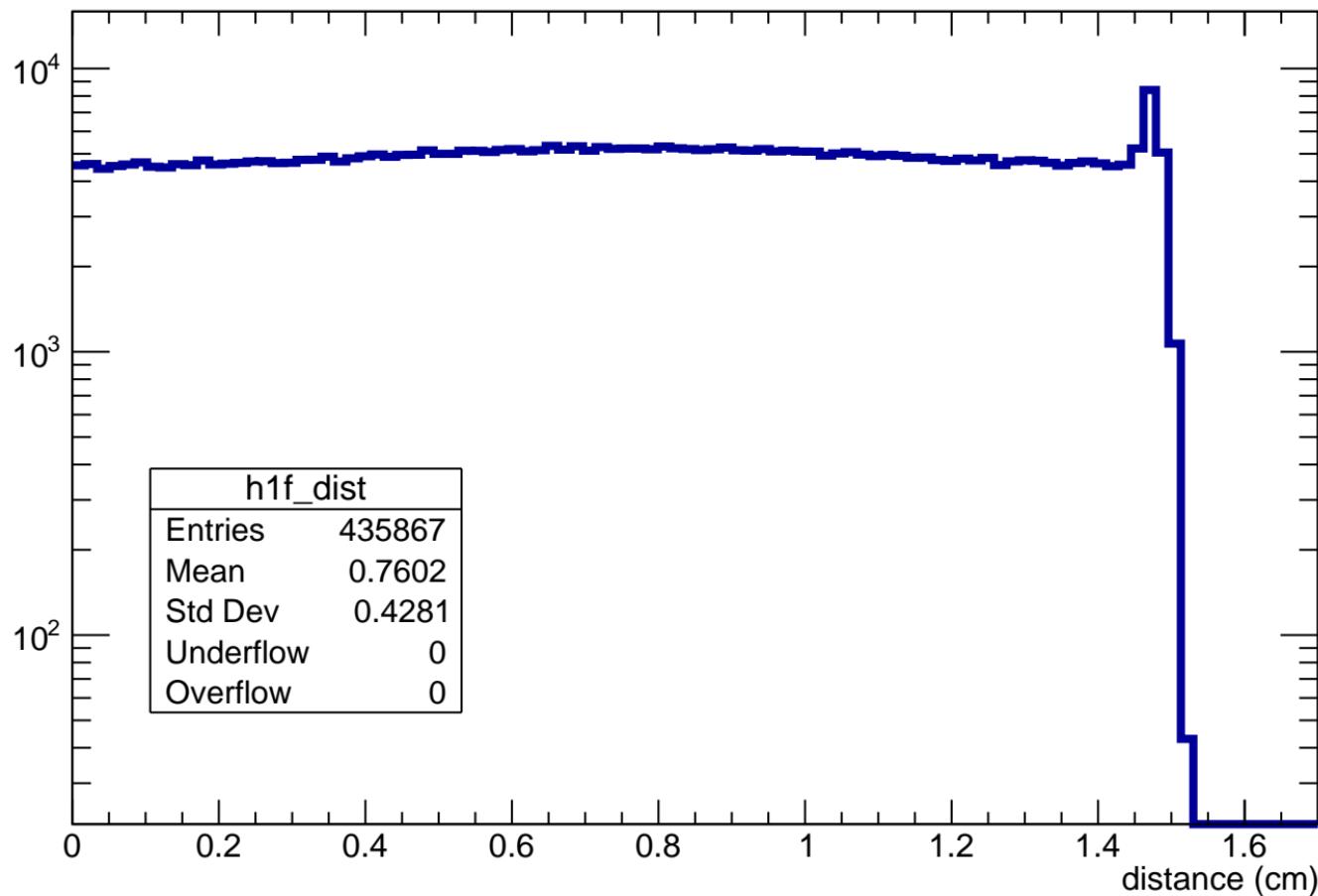
h1f_Lnorm	
Entries	435867
Mean	0.5124
Std Dev	0.2887
Underflow	0
Overflow	0

Count

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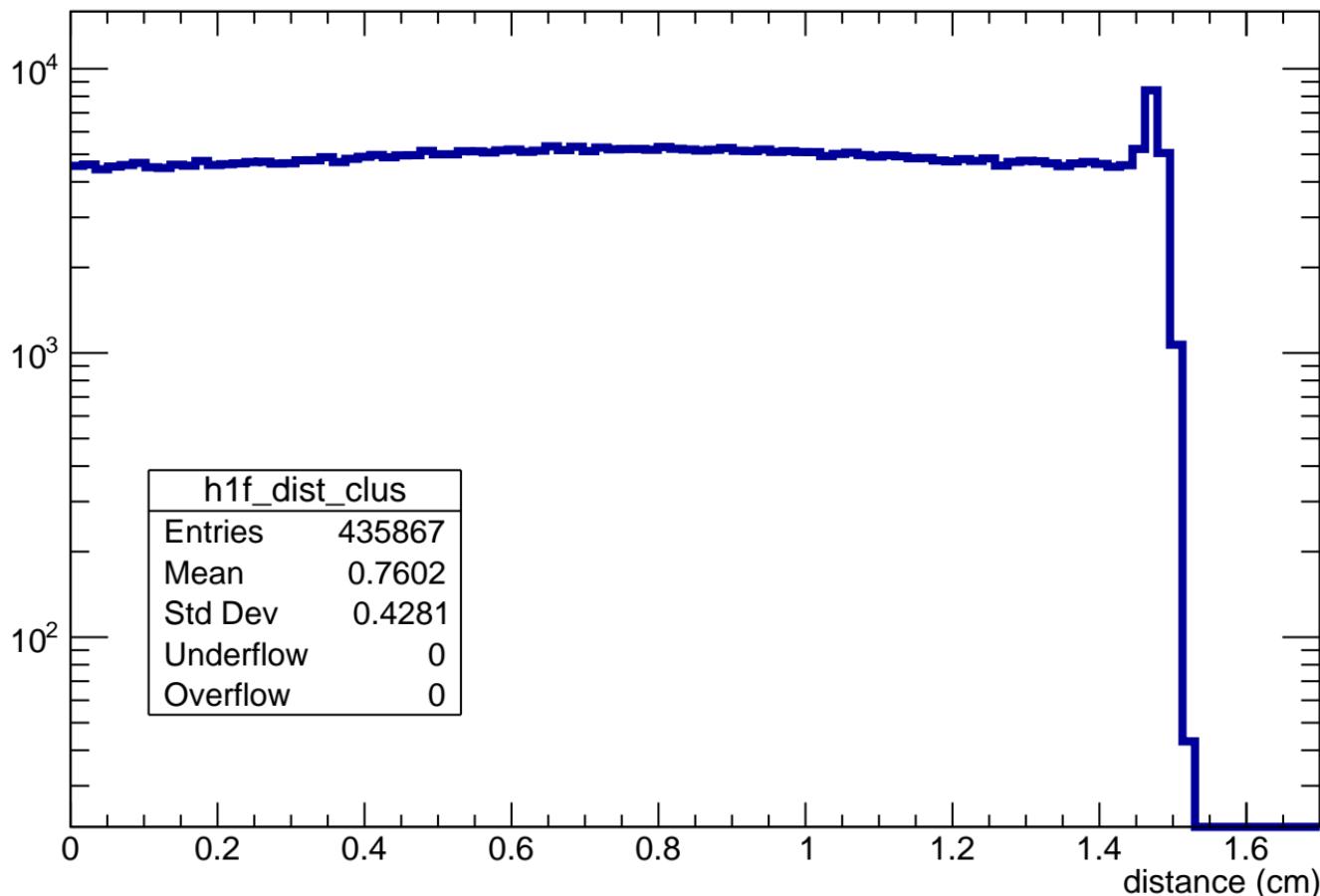
Normalized impact parameter d/d_{max}

h1f_dnorm	
Entries	435867
Mean	0.01058
Std Dev	0.5733
Underflow	8
Overflow	7

d/d_{max}

distance of track in pad

h1f_dist	
Entries	435867
Mean	0.7602
Std Dev	0.4281
Underflow	0
Overflow	0
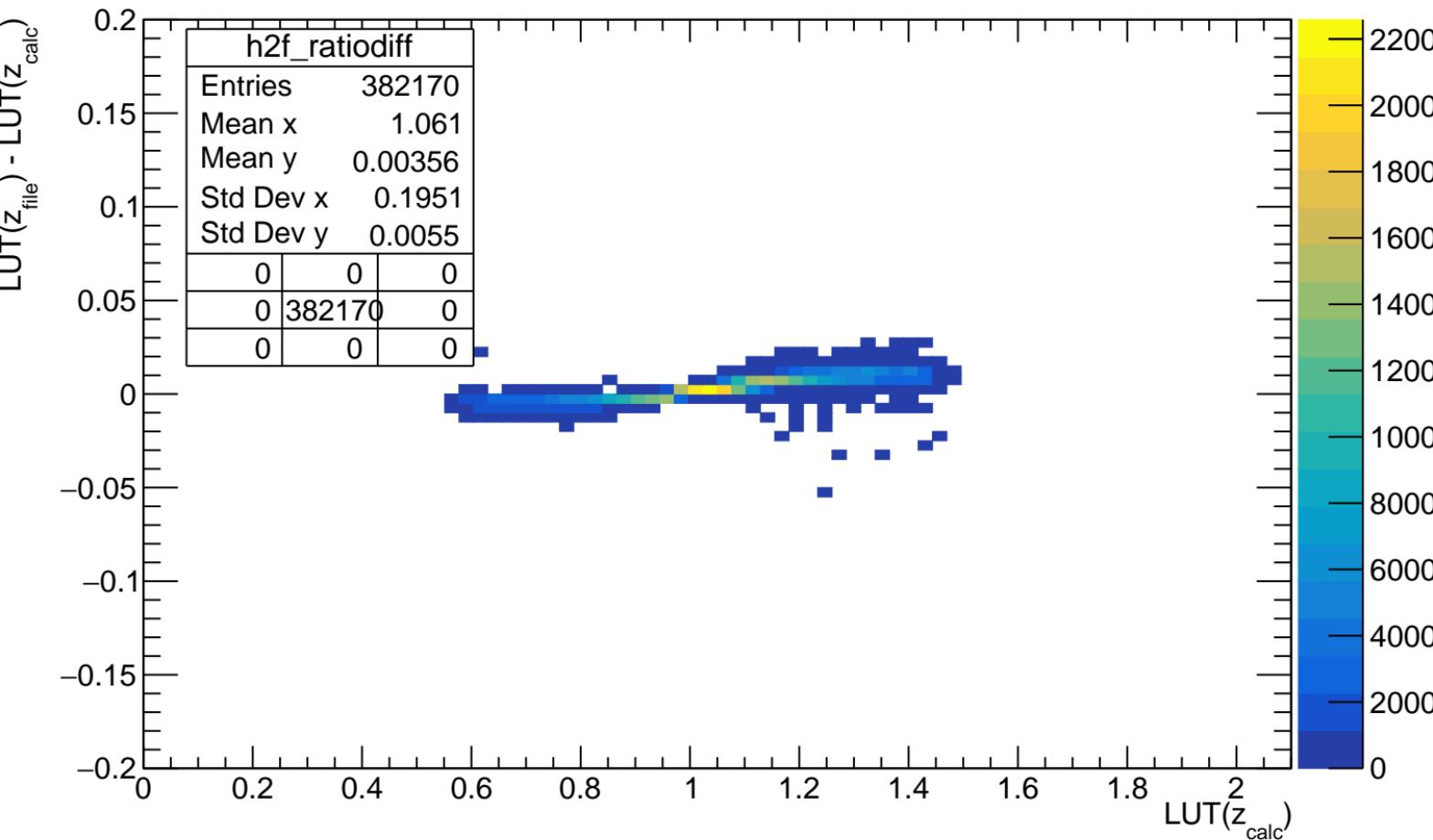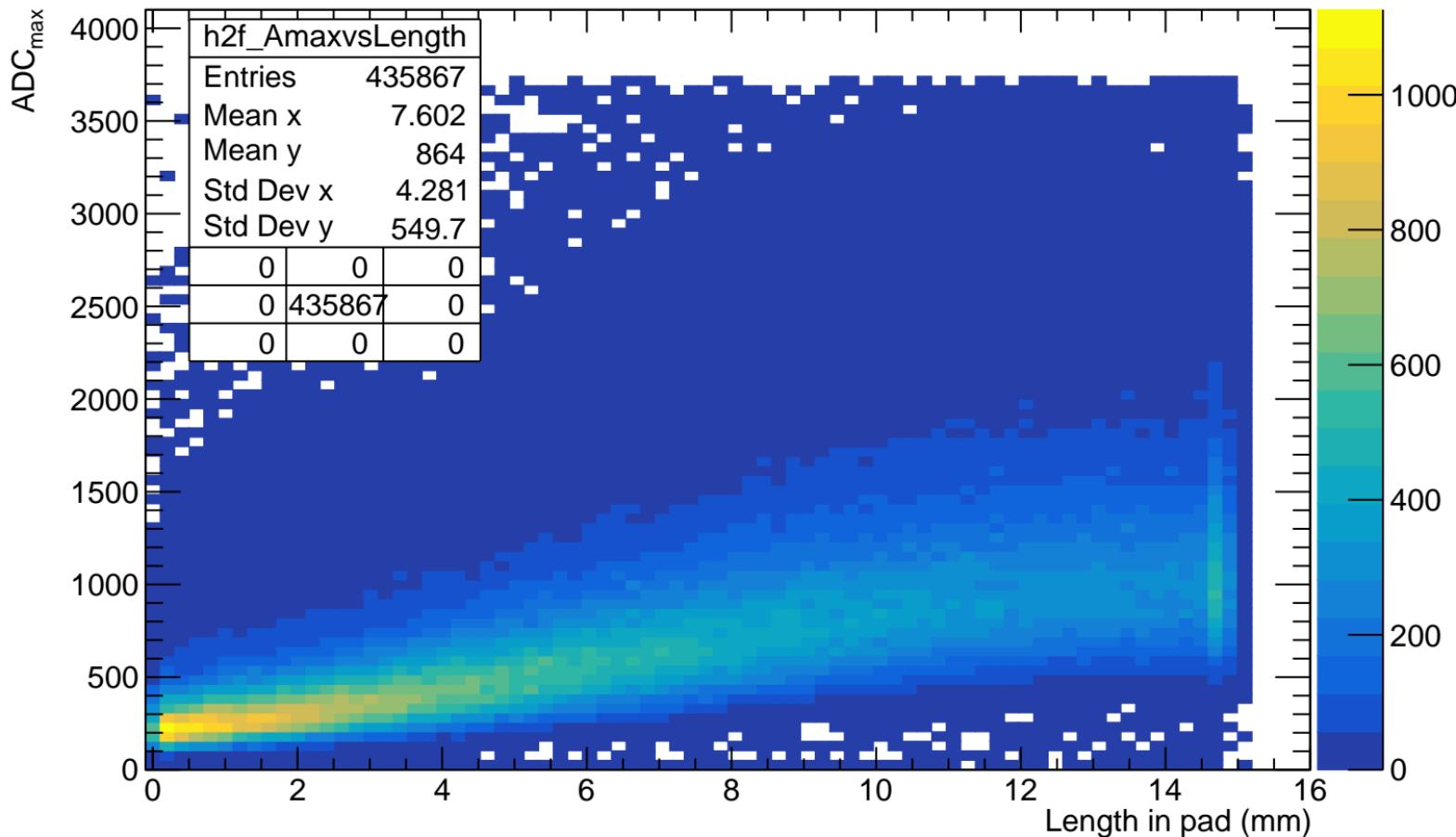
distance (cm)

distance of track in cluster

h1f_dist_clus	
Entries	435867
Mean	0.7602
Std Dev	0.4281
Underflow	0
Overflow	0

distance (cm)

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

h2f_ratiodiff	
Entries	382170
Mean x	1.061
Mean y	0.00356
Std Dev x	0.1951
Std Dev y	0.0055

0	0	0
0	382170	0
0	0	0

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

h2f_AmaxvsLength		
Entries		435867
Mean x		7.602
Mean y		864
Std Dev x		4.281
Std Dev y		549.7
0	0	0
0	435867	0
0	0	0
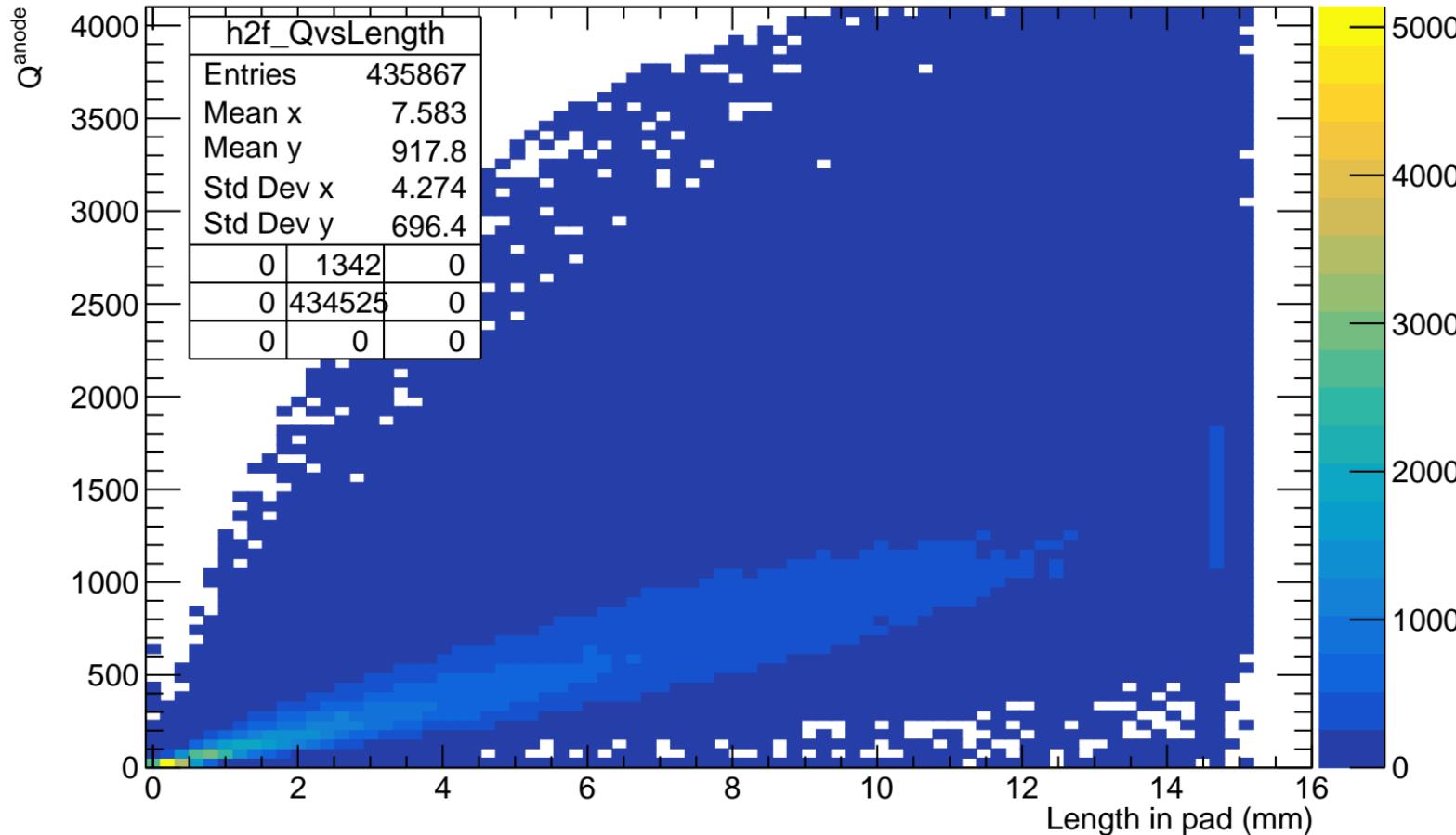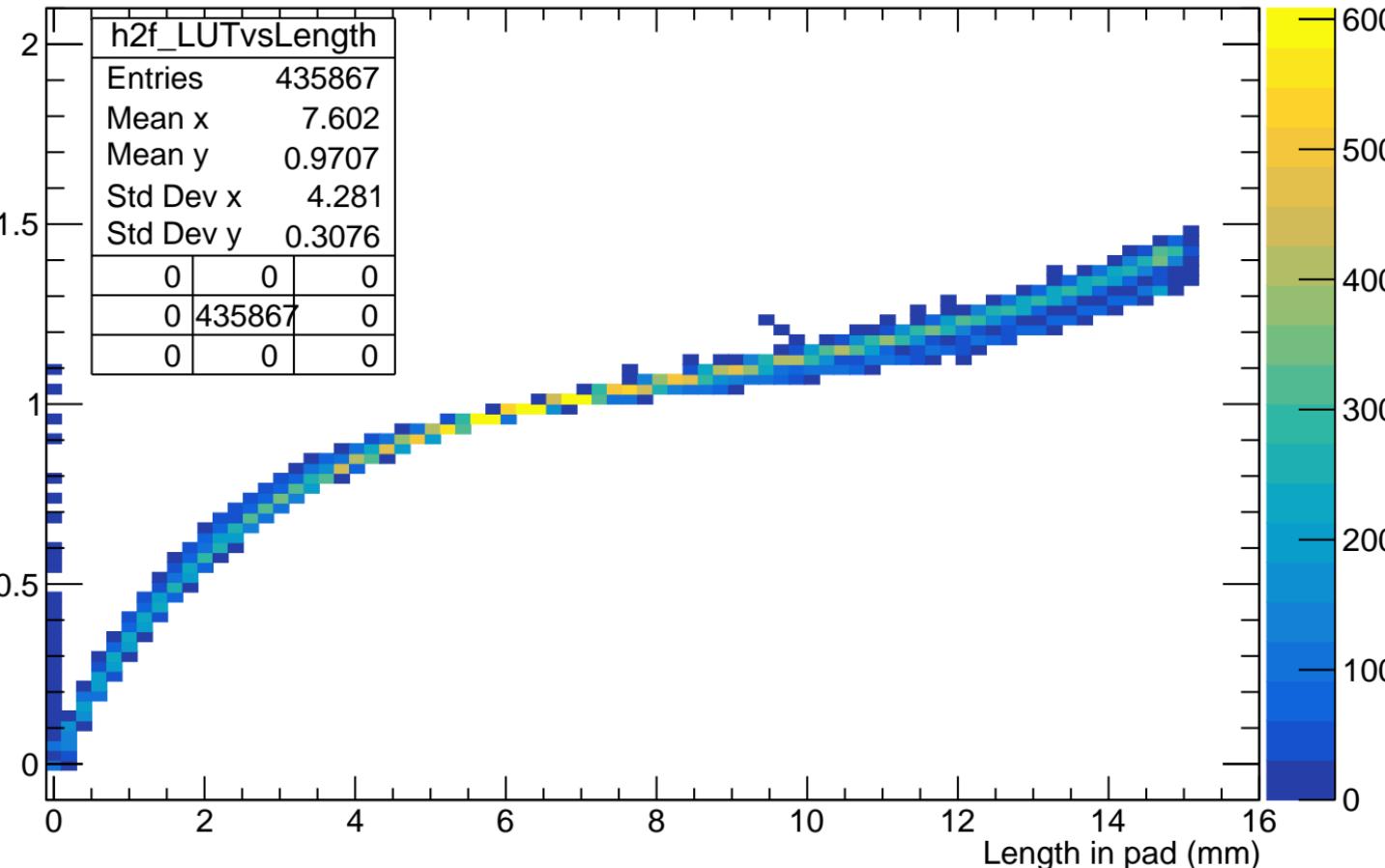
Q^{anode} VS length in pad (before length cut)

h2f_QvsLength		
Entries		435867
Mean x		7.583
Mean y		917.8
Std Dev x		4.274
Std Dev y		696.4
0	1342	0
0	434525	0
0	0	0

Q^anode^/ADC_max_ VS length in pad (before length cut)

h2f_LUTvsLength		
Entries		435867
Mean x		7.602
Mean y		0.9707
Std Dev x		4.281
Std Dev y		0.3076
0	0	0
0	435867	0
0	0	0
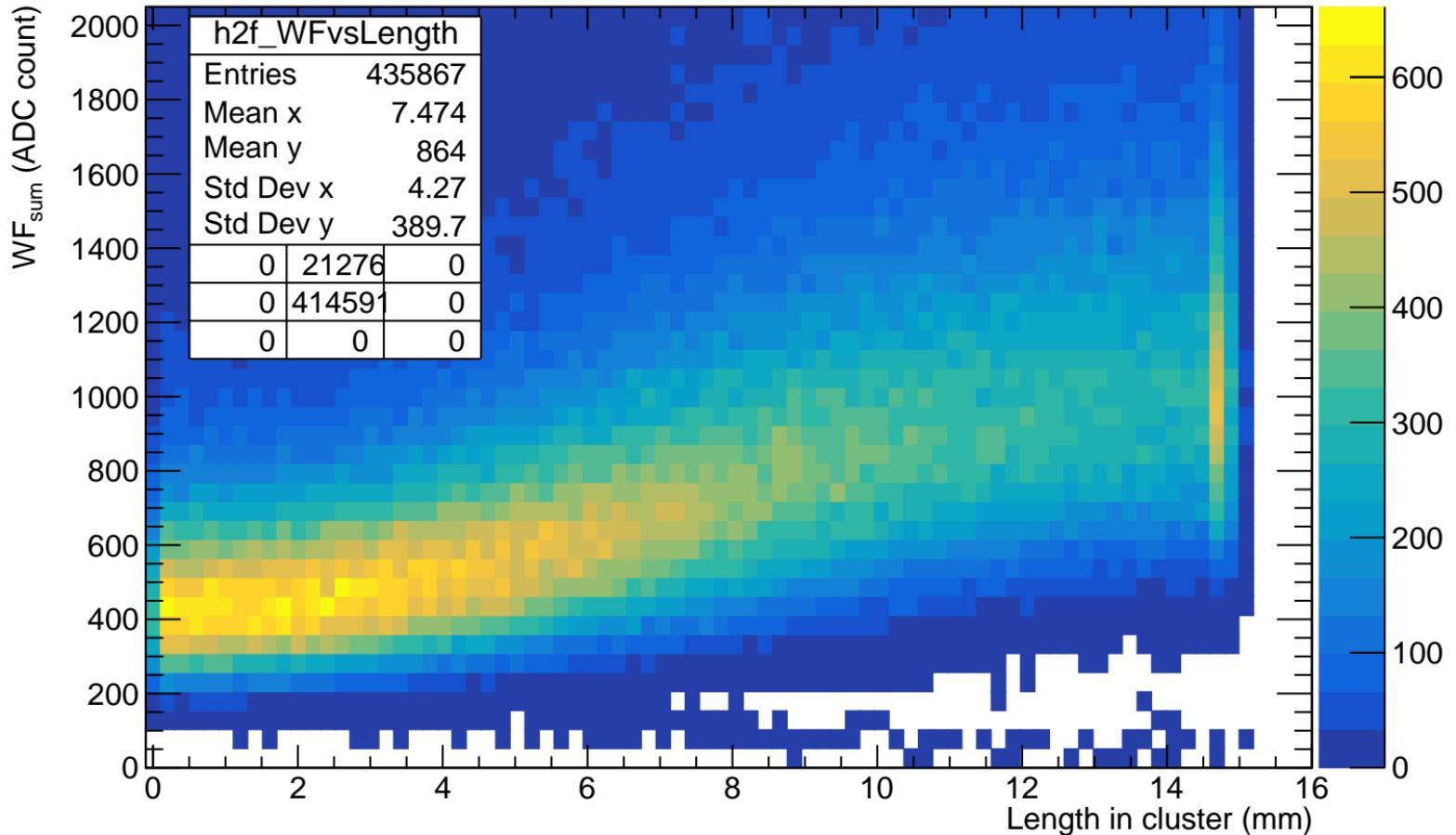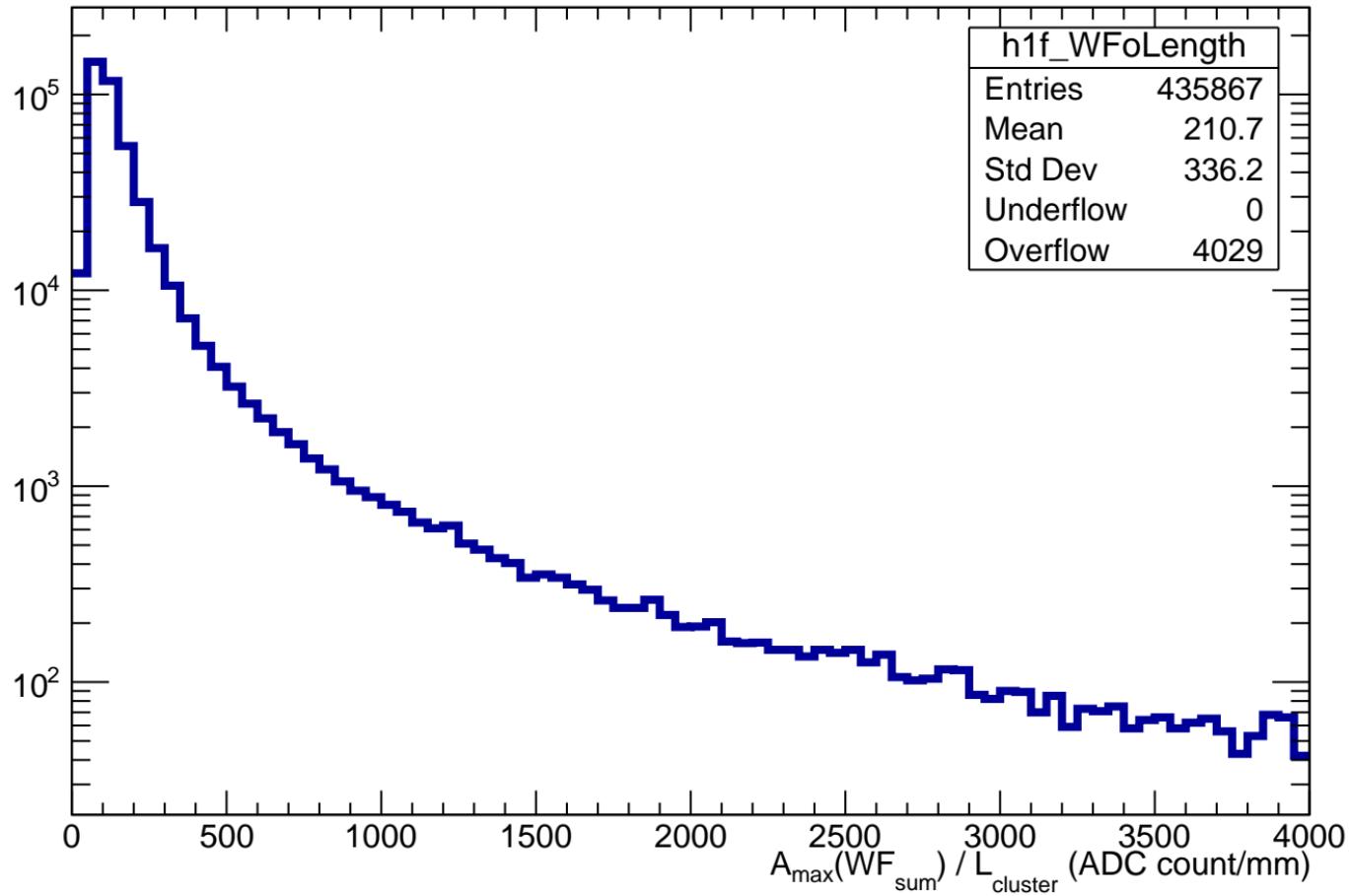
Q^{anode}/ADC_{max}

Length in pad (mm)

WF$_{sum}$ VS length in cluster

h2f_WFvsLength		
Entries		435867
Mean x		7.474
Mean y		864
Std Dev x		4.27
Std Dev y		389.7
0	21276	0
0	414591	0
0	0	0

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

h1f_WFoLength	
Entries	435867
Mean	210.7
Std Dev	336.2
Underflow	0
Overflow	4029

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

impact parameter d vs length in pad

h2f_lenVSd	
Entries	435867
Mean x	7.603
Mean y	0.08001
Std Dev x	4.281
Std Dev y	4.343

0	32	0
0	435806	0
0	29	0