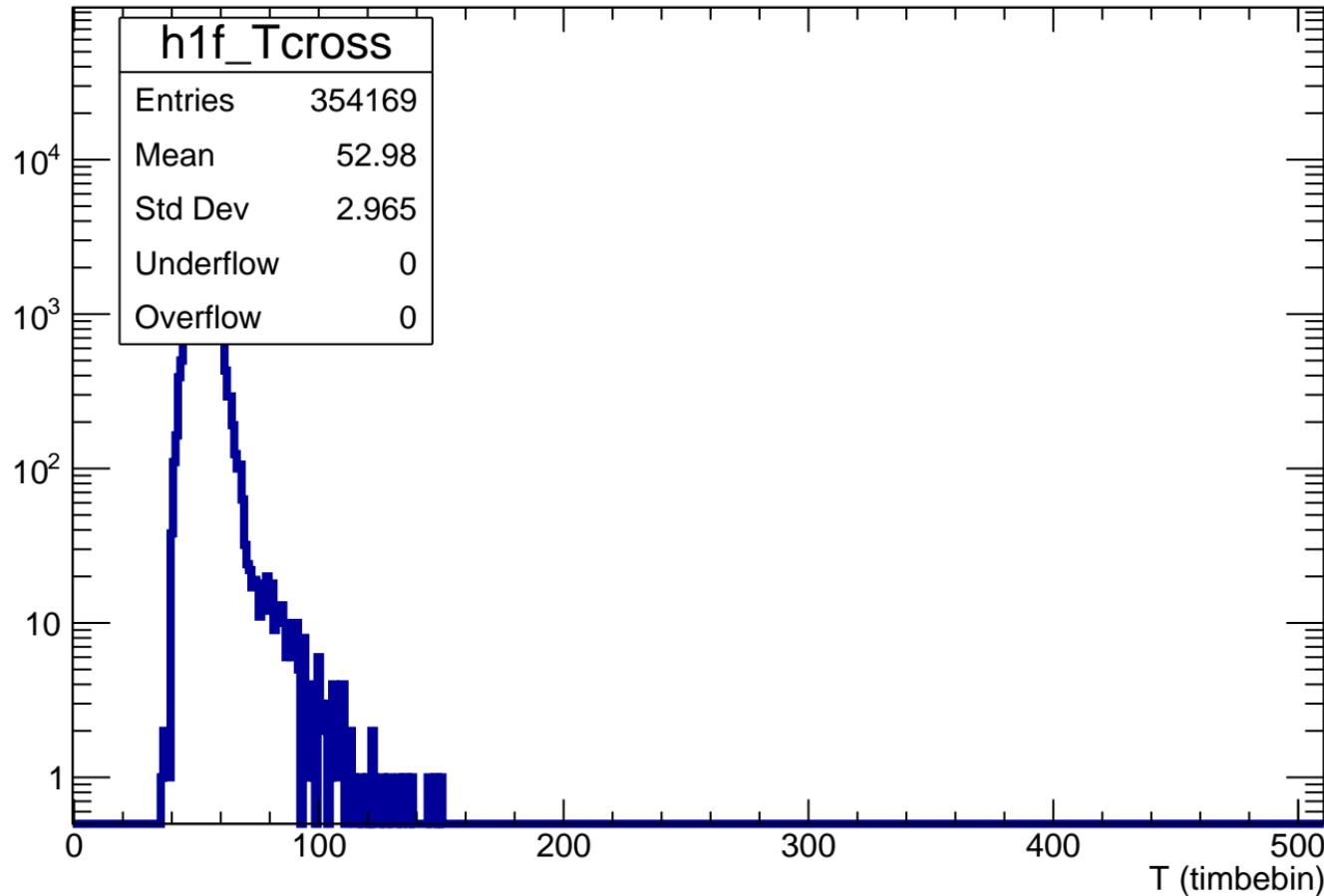
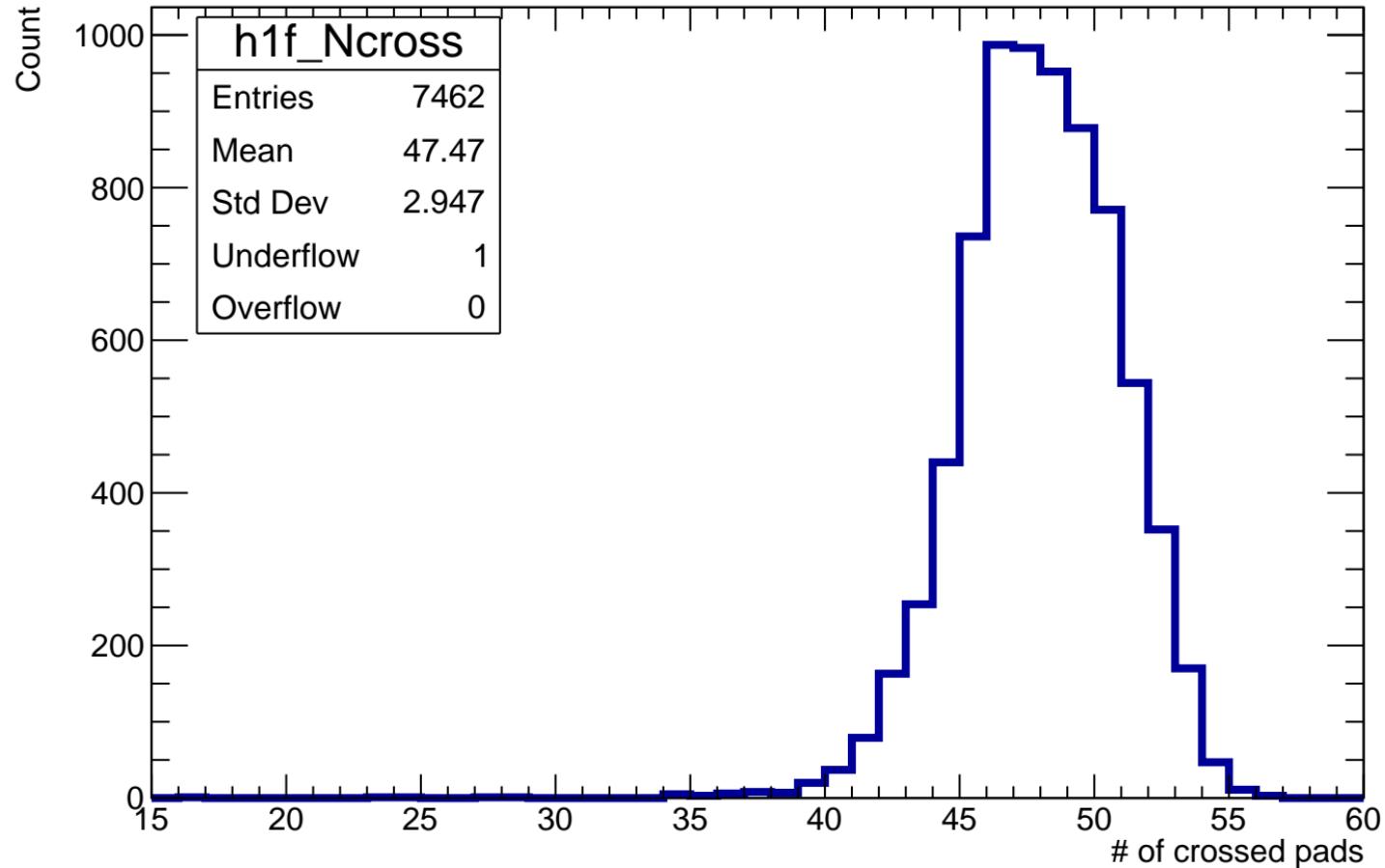


# $T_{\max}$ of crossed pads

Count

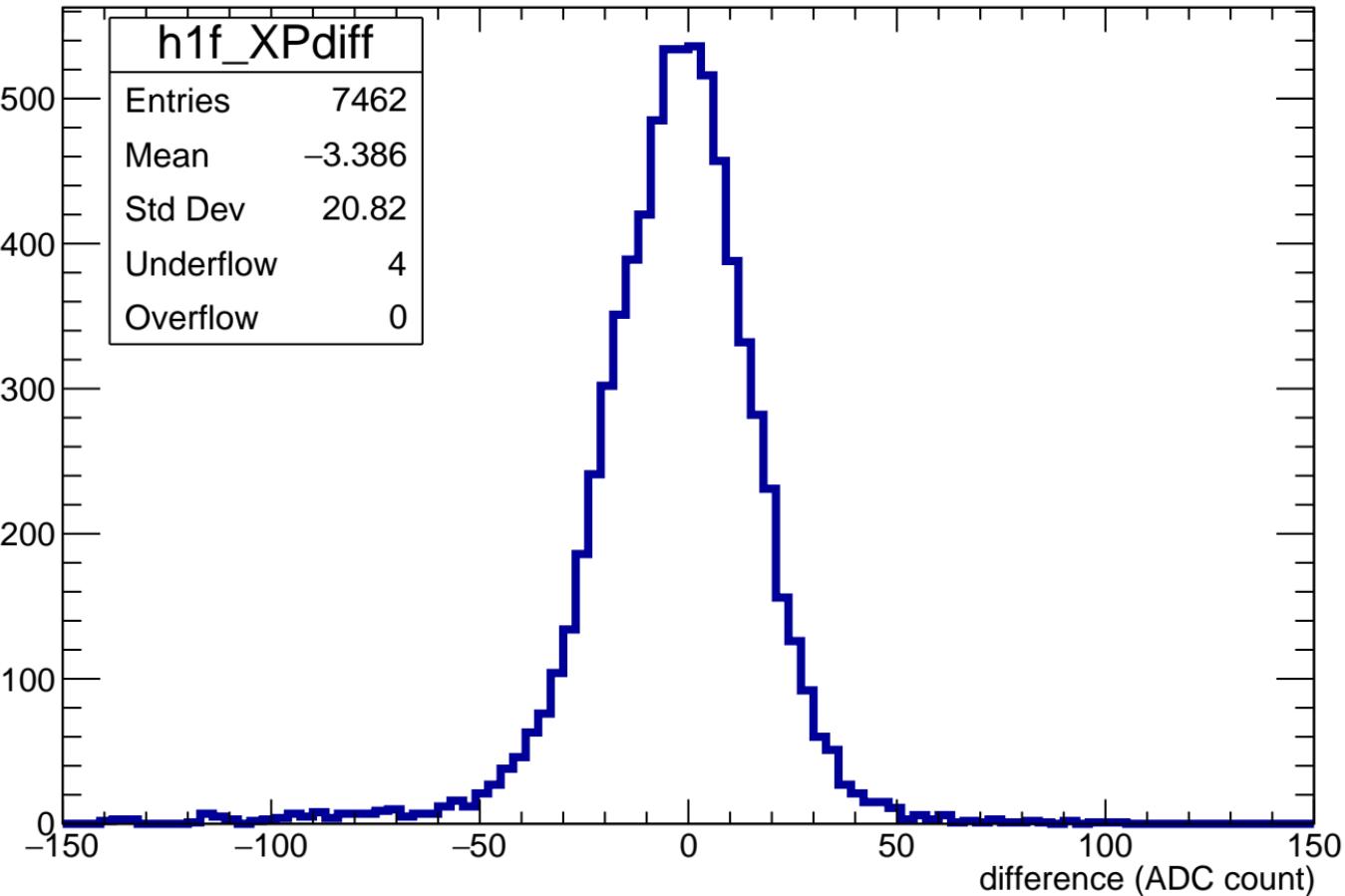


# Number of crossed pads



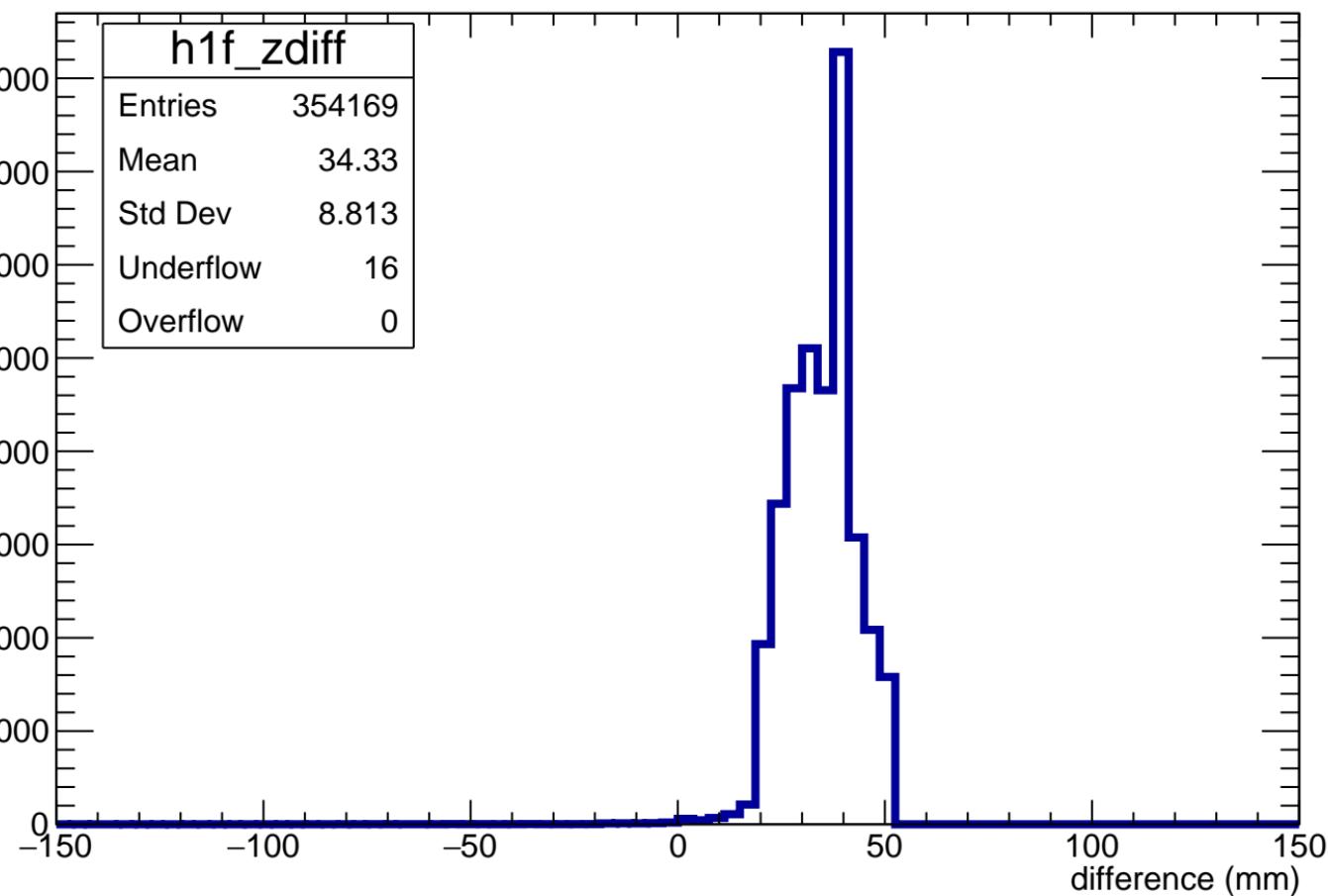
$$\Sigma(Q)/\Sigma(\text{length}) - \text{mean}\{Q/\text{length}\}$$

Count

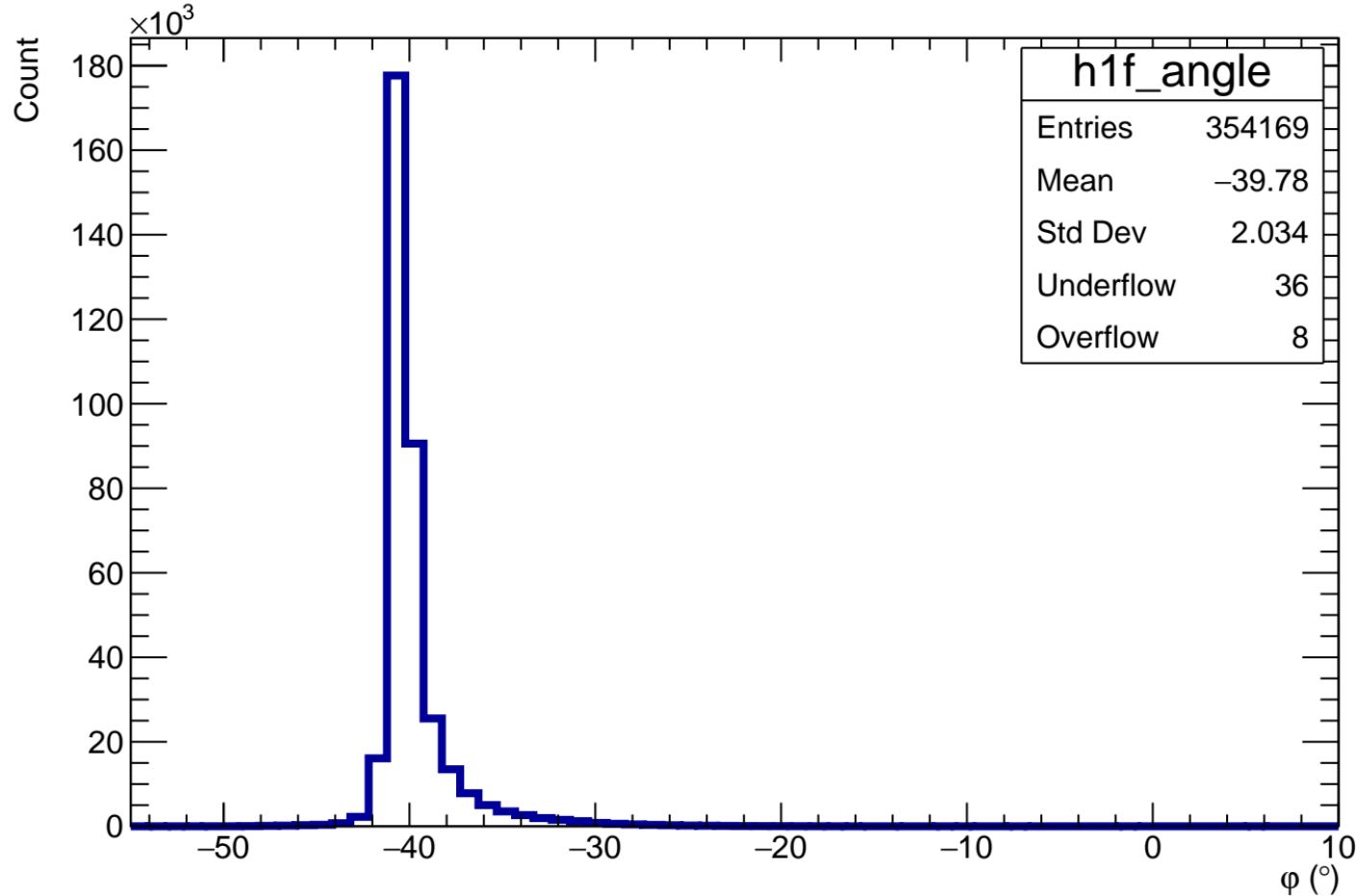


$Z_{\text{file}} = 50\text{mm} - Z_{\text{computed}}$ 

Count



# Angle $\varphi$ in each pad



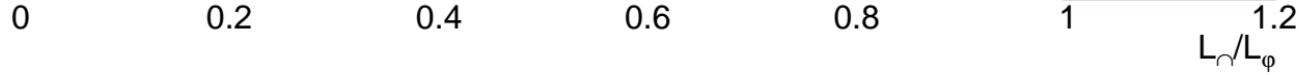
# Length in pad normalized to maximum length in pad for a given $\phi$

Count

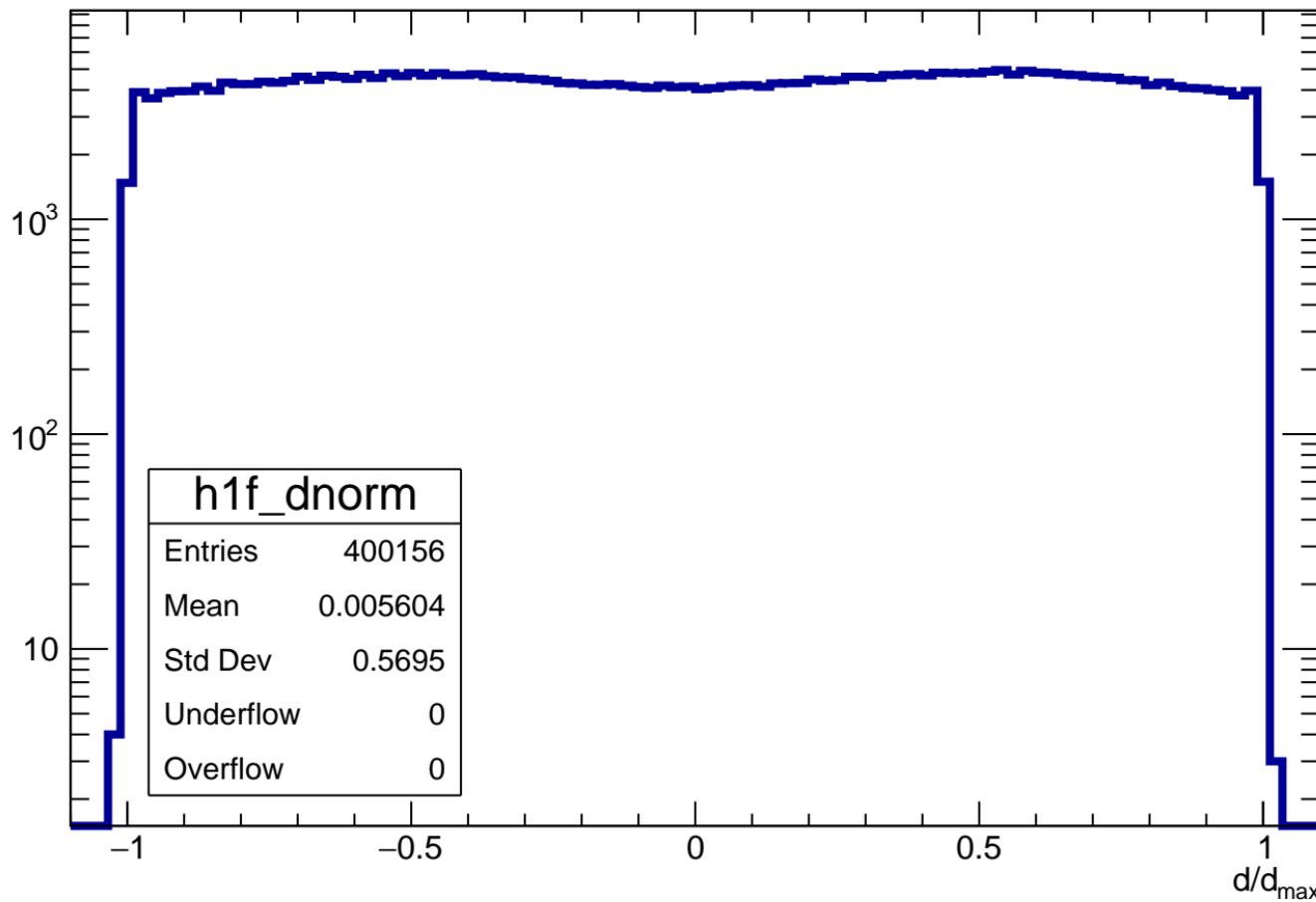
**h1f\_Lnorm**

Entries	400156
Mean	0.5252
Std Dev	0.2911
Underflow	0
Overflow	0

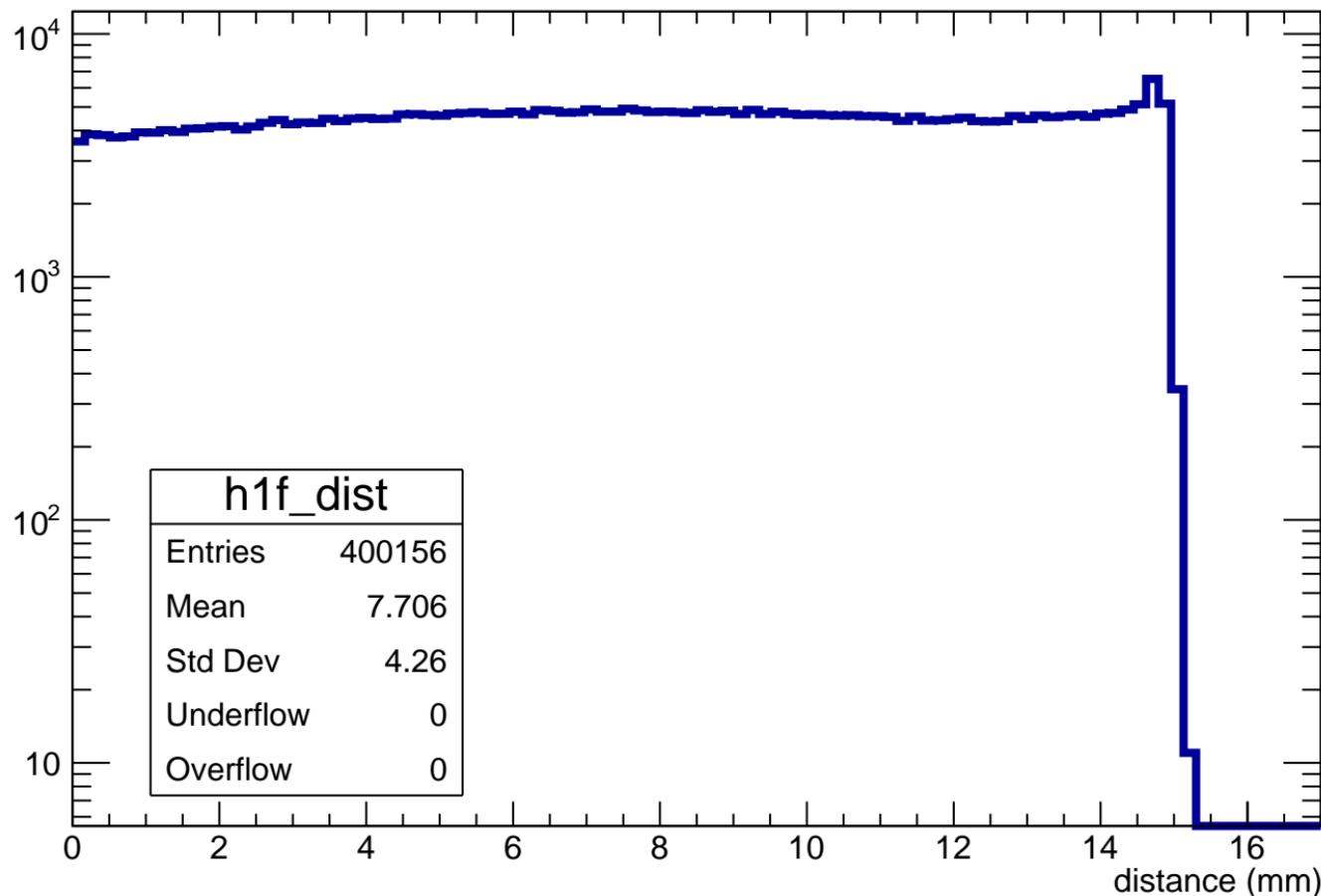
$10^4$



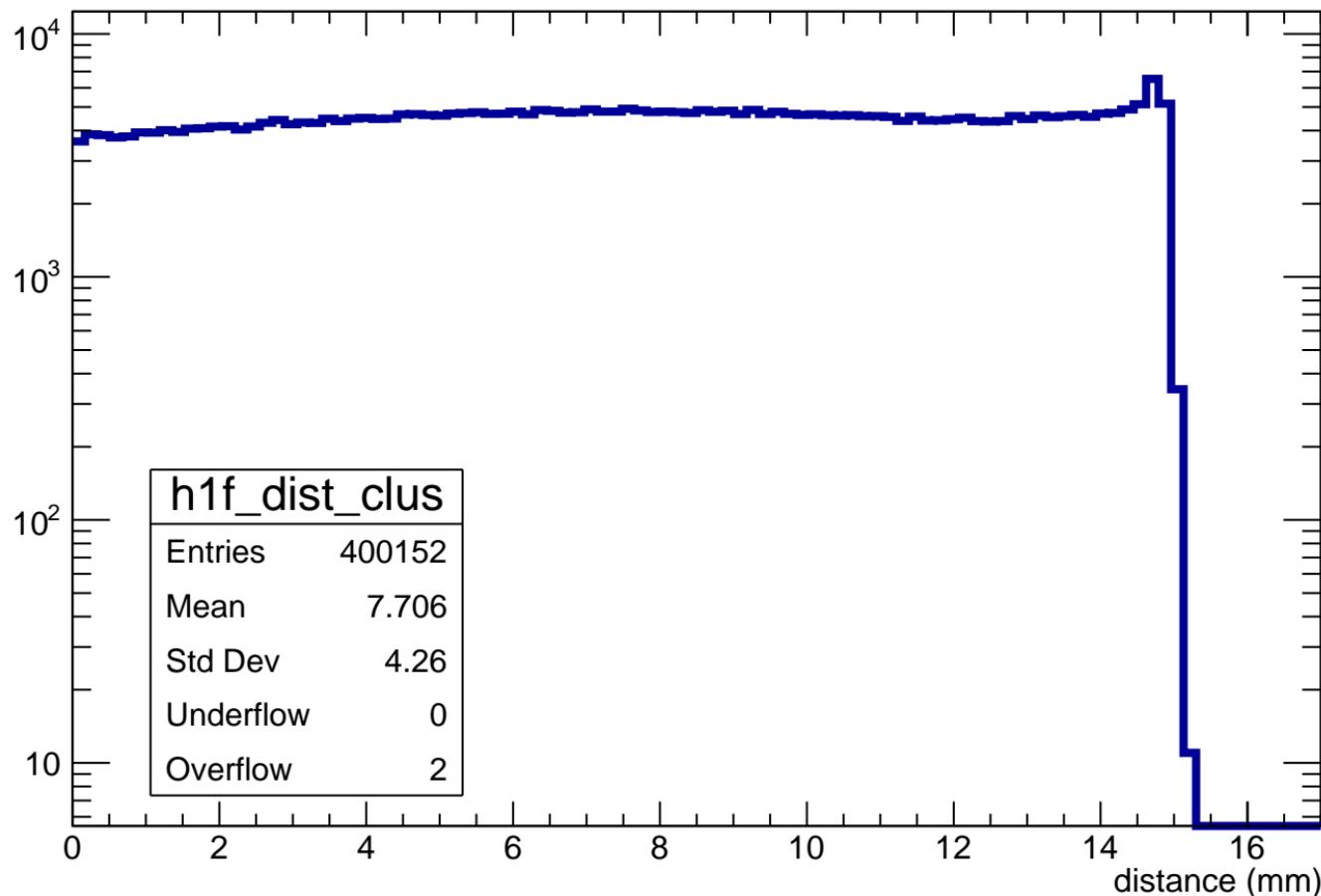
# Normalized impact parameter $d/d_{\max}$



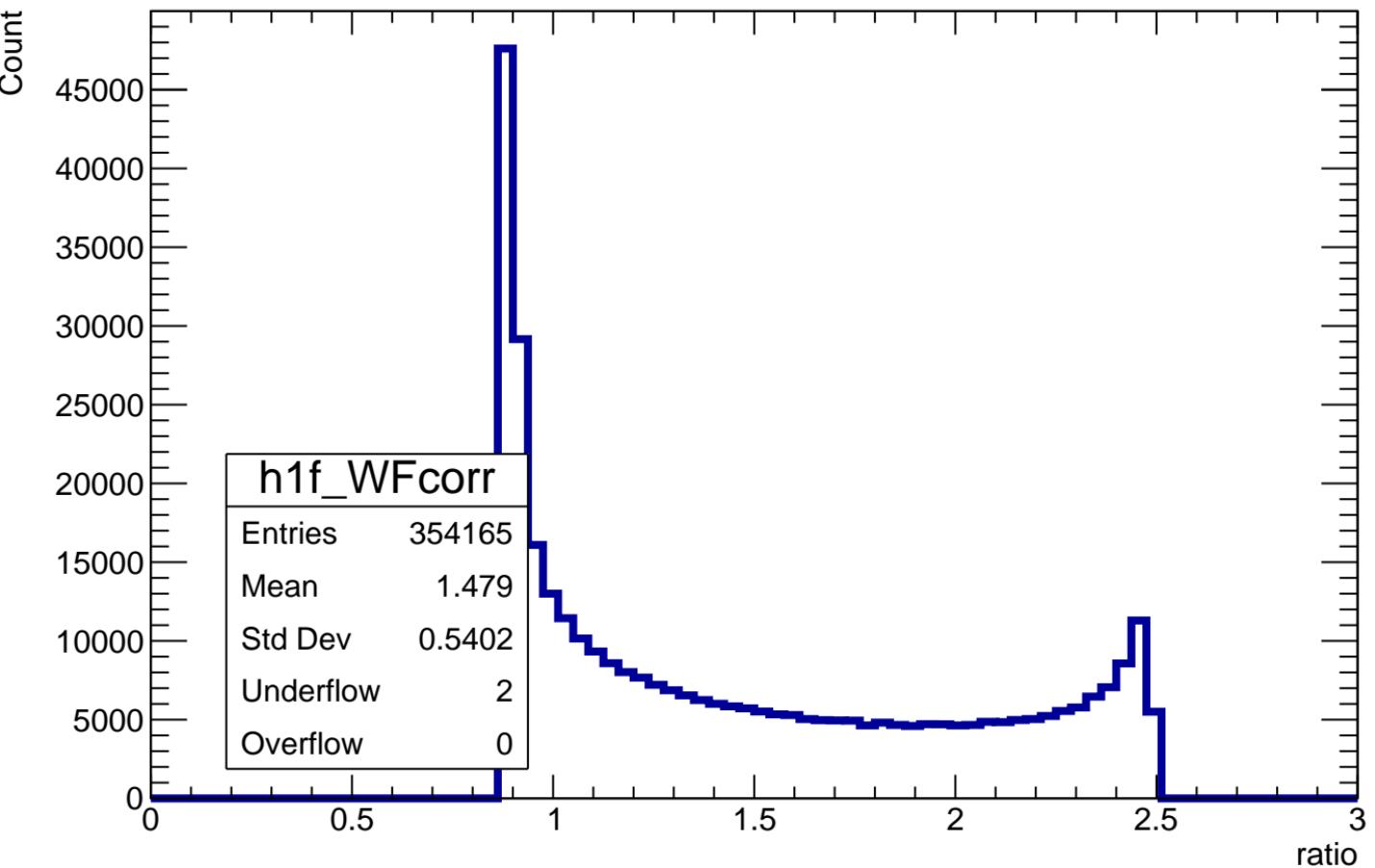
# distance of track in pad



# distance of track in cluster

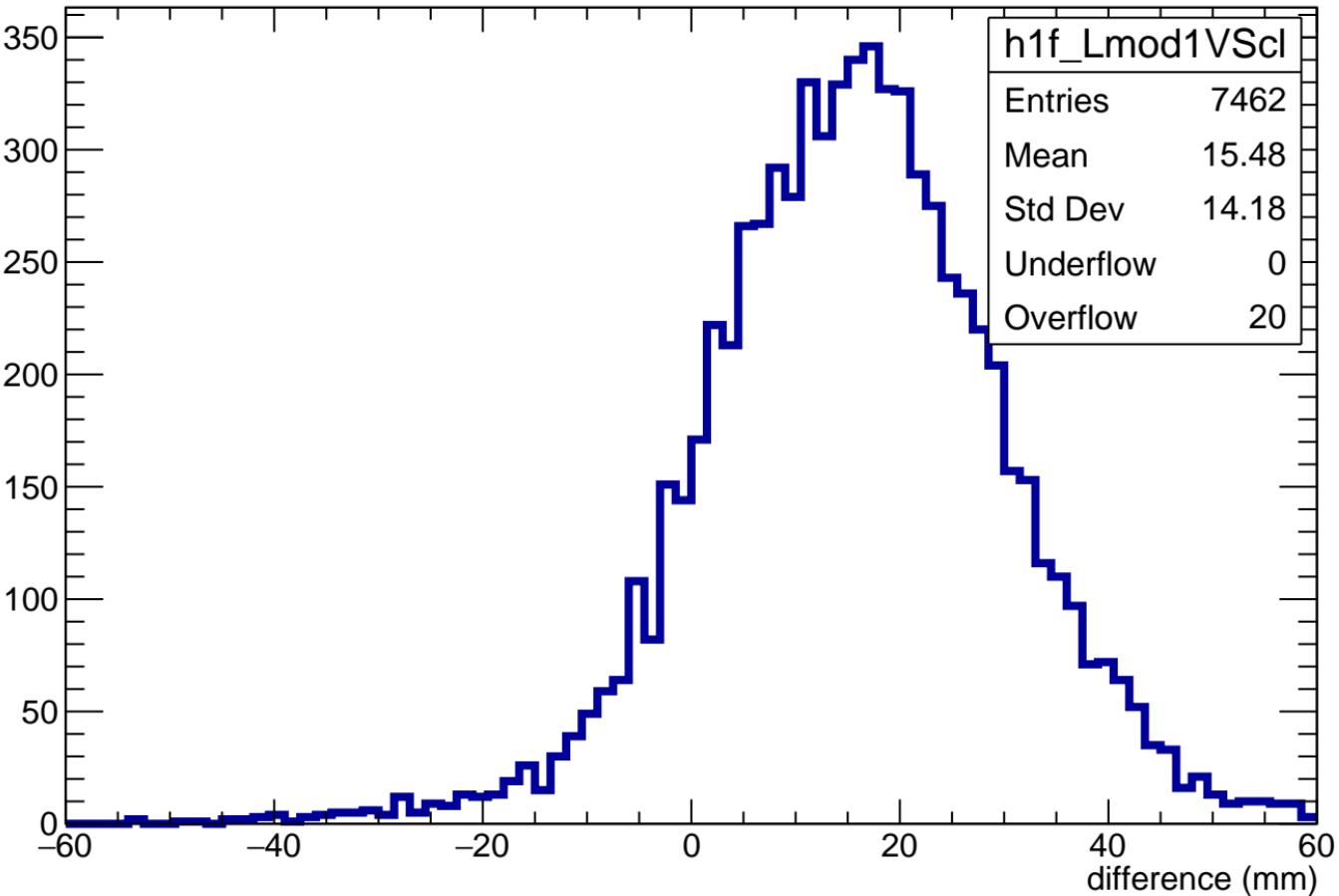


# Correction A<sub>max</sub> ratio



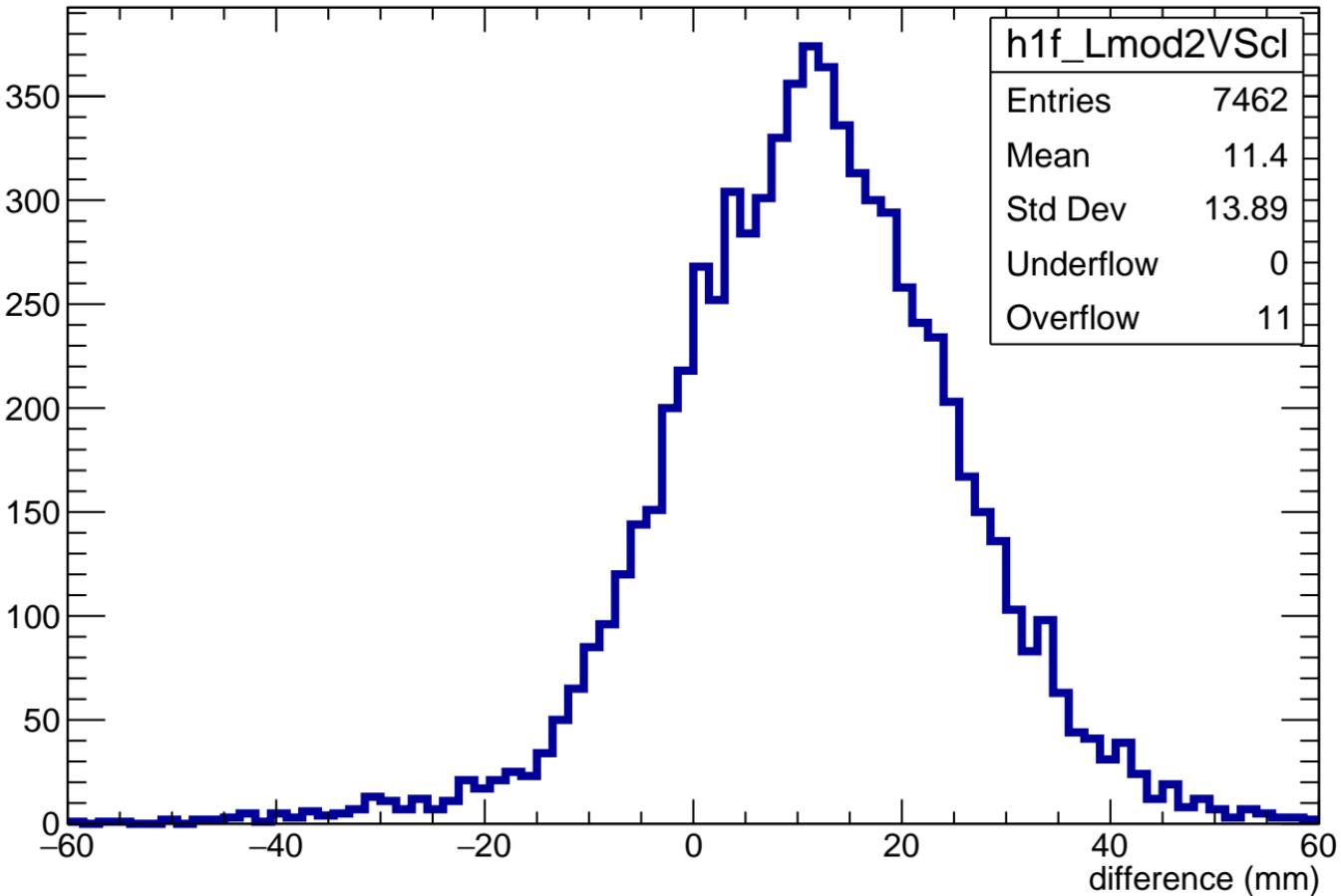
$L_{\text{ERAM}} * 0.7 - \sum L_{\text{clus} > 2\text{mm}}$ 

Count



$$L_{\text{ERAM}} * (N_{\text{trunc cross}} / N_{\text{clus cross} > 2\text{mm}}) - \sum L_{\text{clus} > 2\text{mm}}$$

Count



$L_{\text{clusters}} - L_{\text{clusters} > 2\text{mm}}$

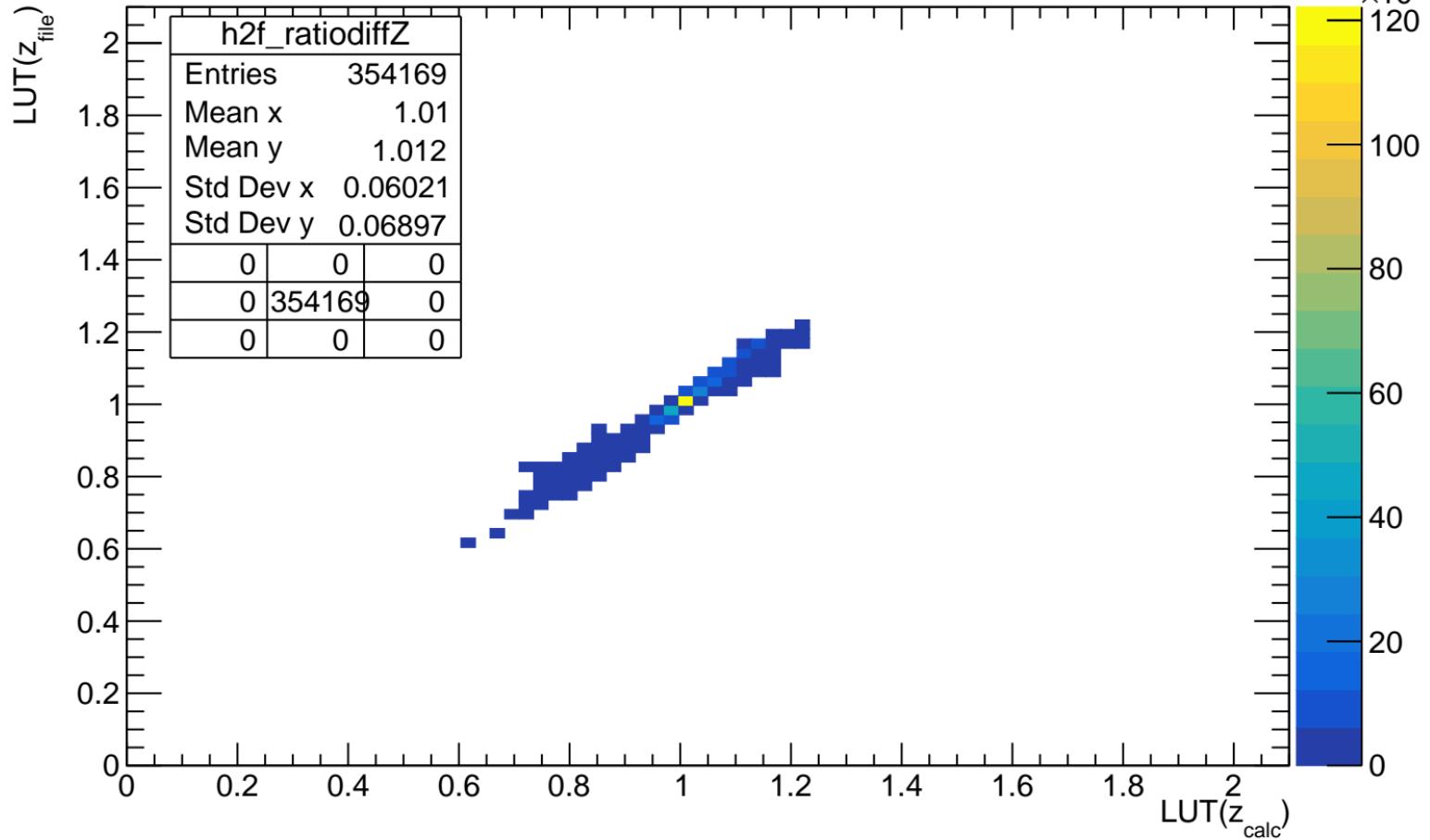
Count

2000  
1800  
1600  
1400  
1200  
1000  
800  
600  
400  
200  
0

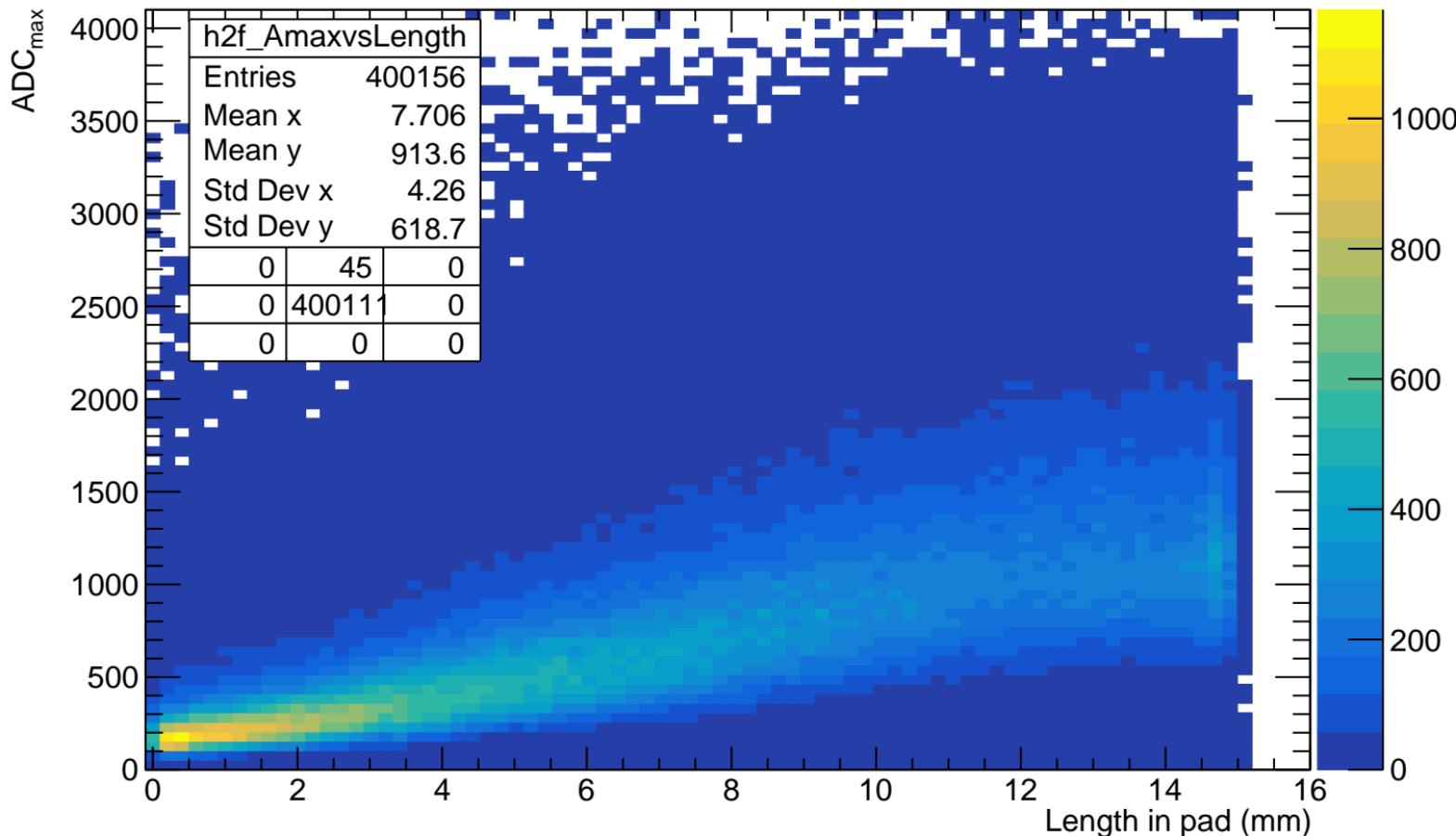
-60 -40 -20 0 20 40 60  
difference (mm)

h1f_LallVScl	
Entries	7462
Mean	6.285
Std Dev	2.173
Underflow	0
Overflow	0

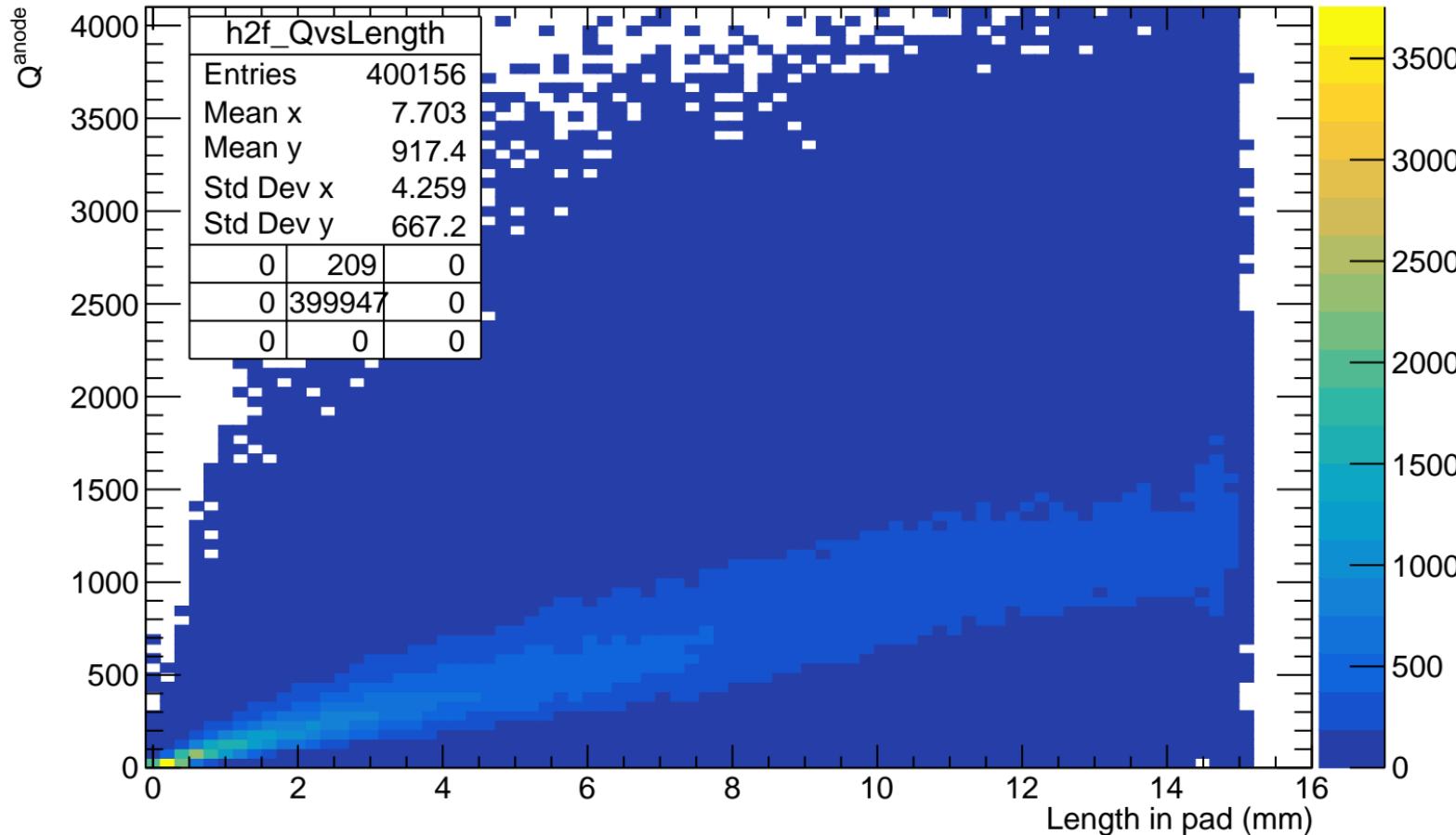
# LUT( $z_{\text{file}}$ ) vs LUT( $z_{\text{calc}}$ )



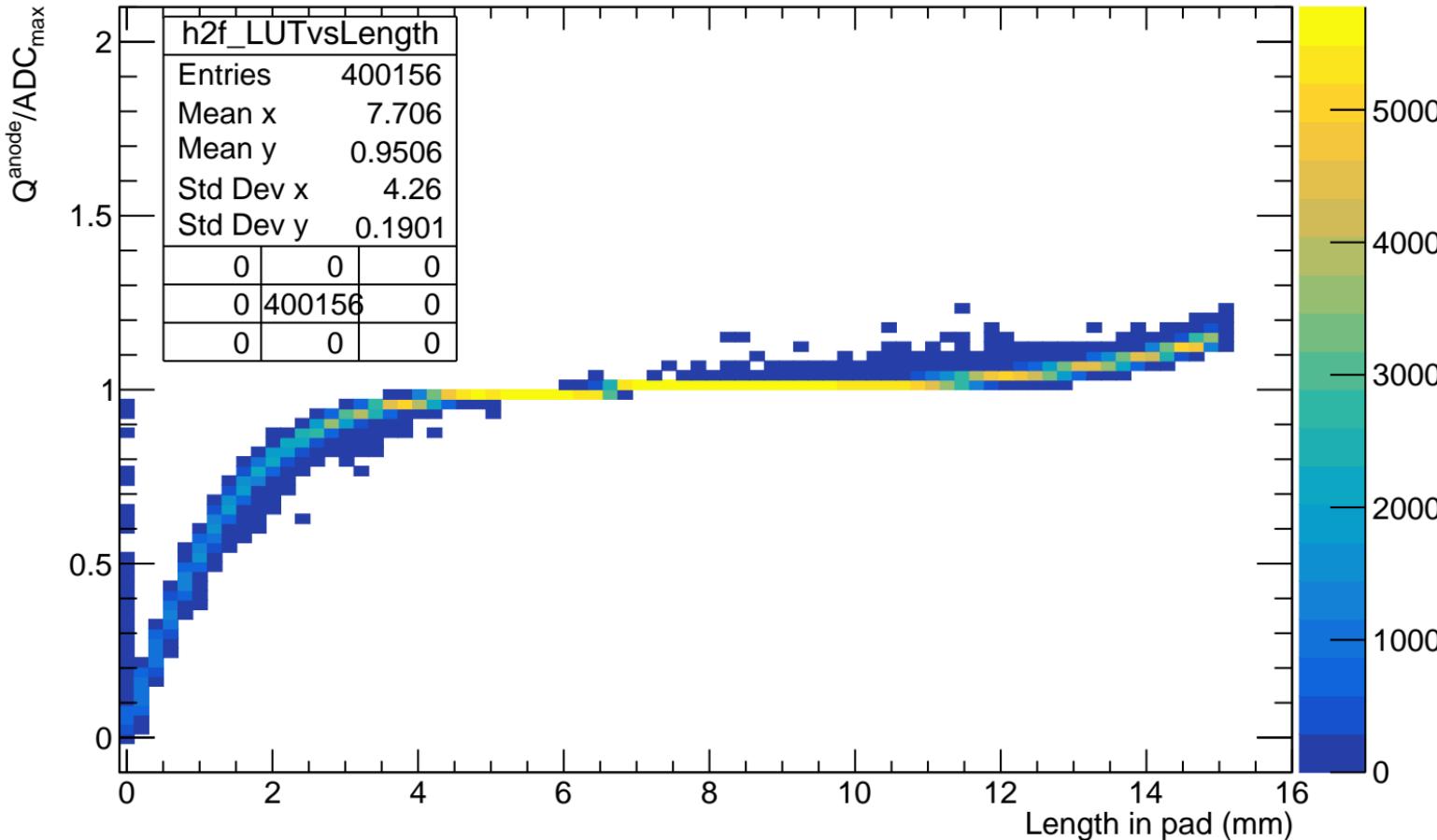
# ADC<sub>max</sub> VS length in pad (before length cut)



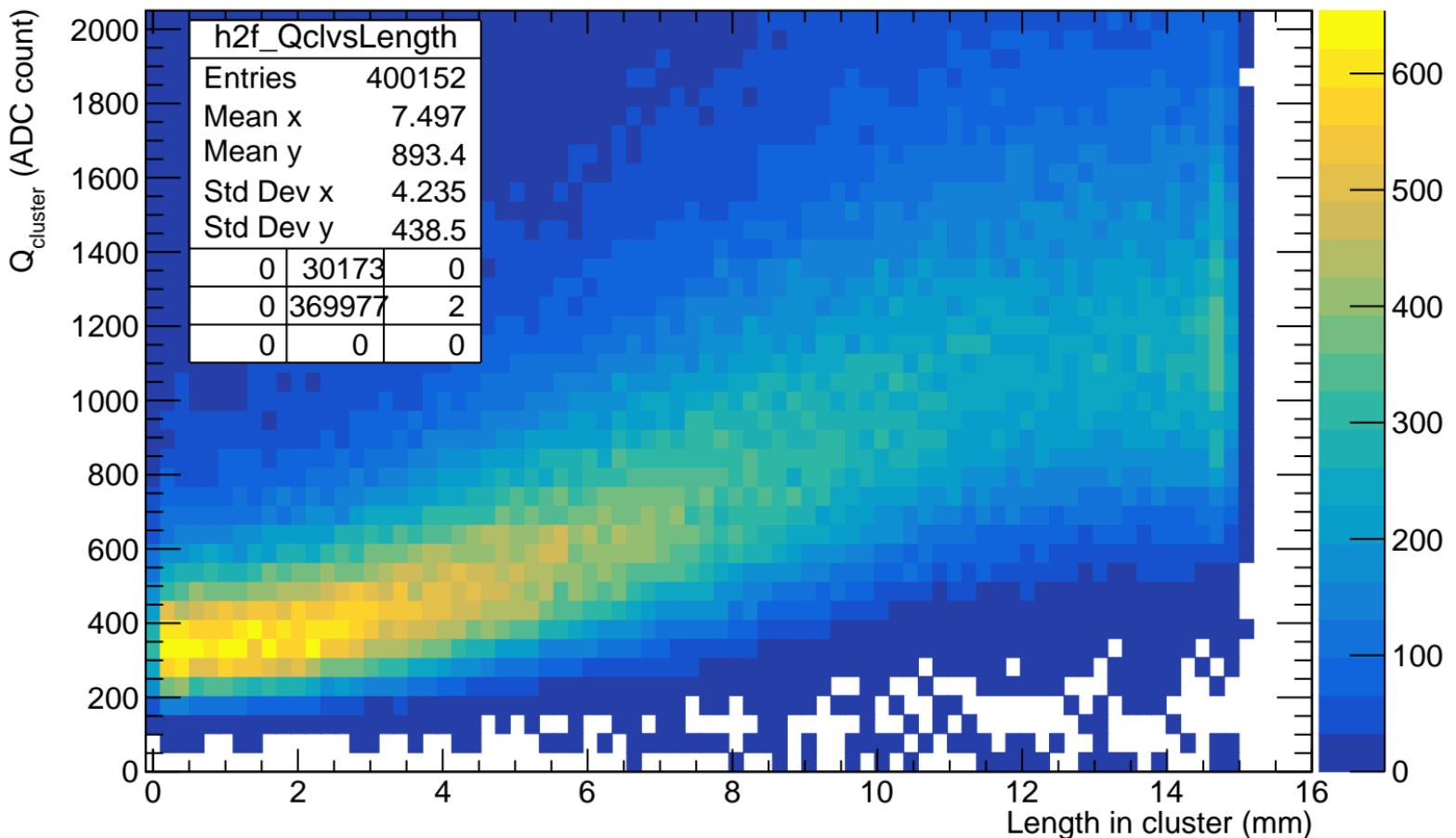
# $Q^{\text{anode}}$ VS length in pad (before length cut)



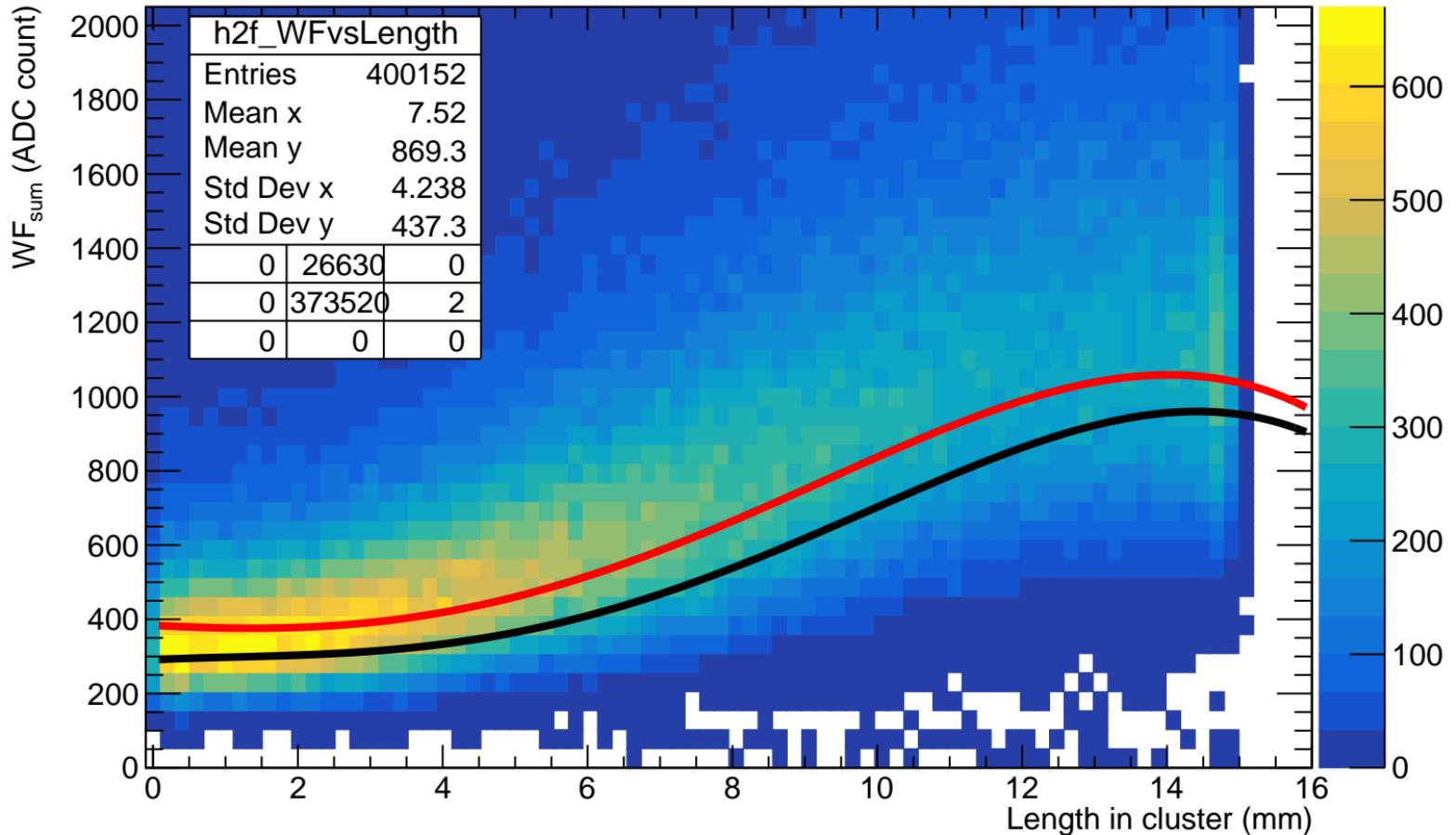
# $Q^{\text{anode}}/\text{ADC}_{\max}$ VS length in pad (before length cut)



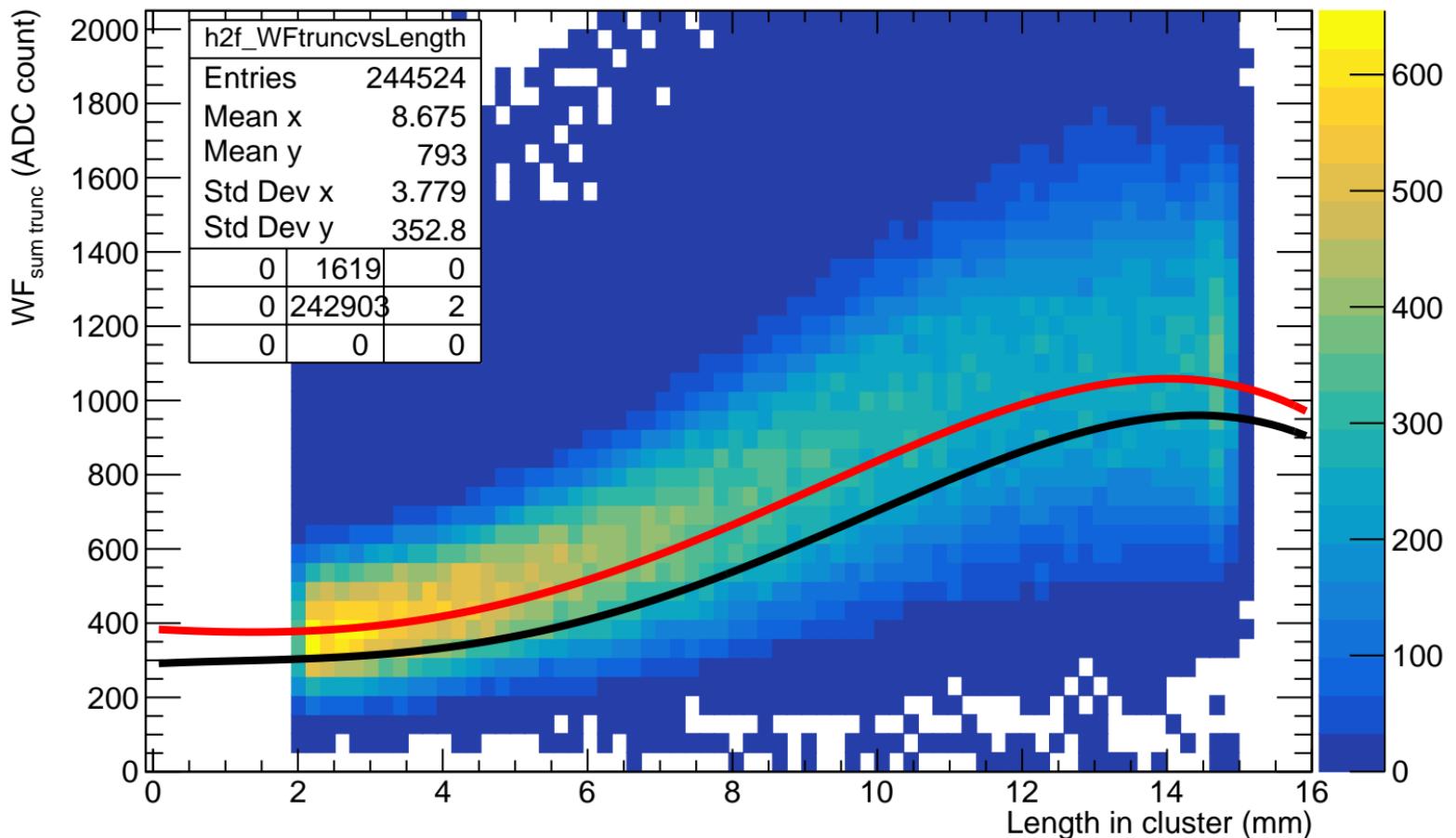
# $Q_{\text{cluster}}$ VS length in cluster



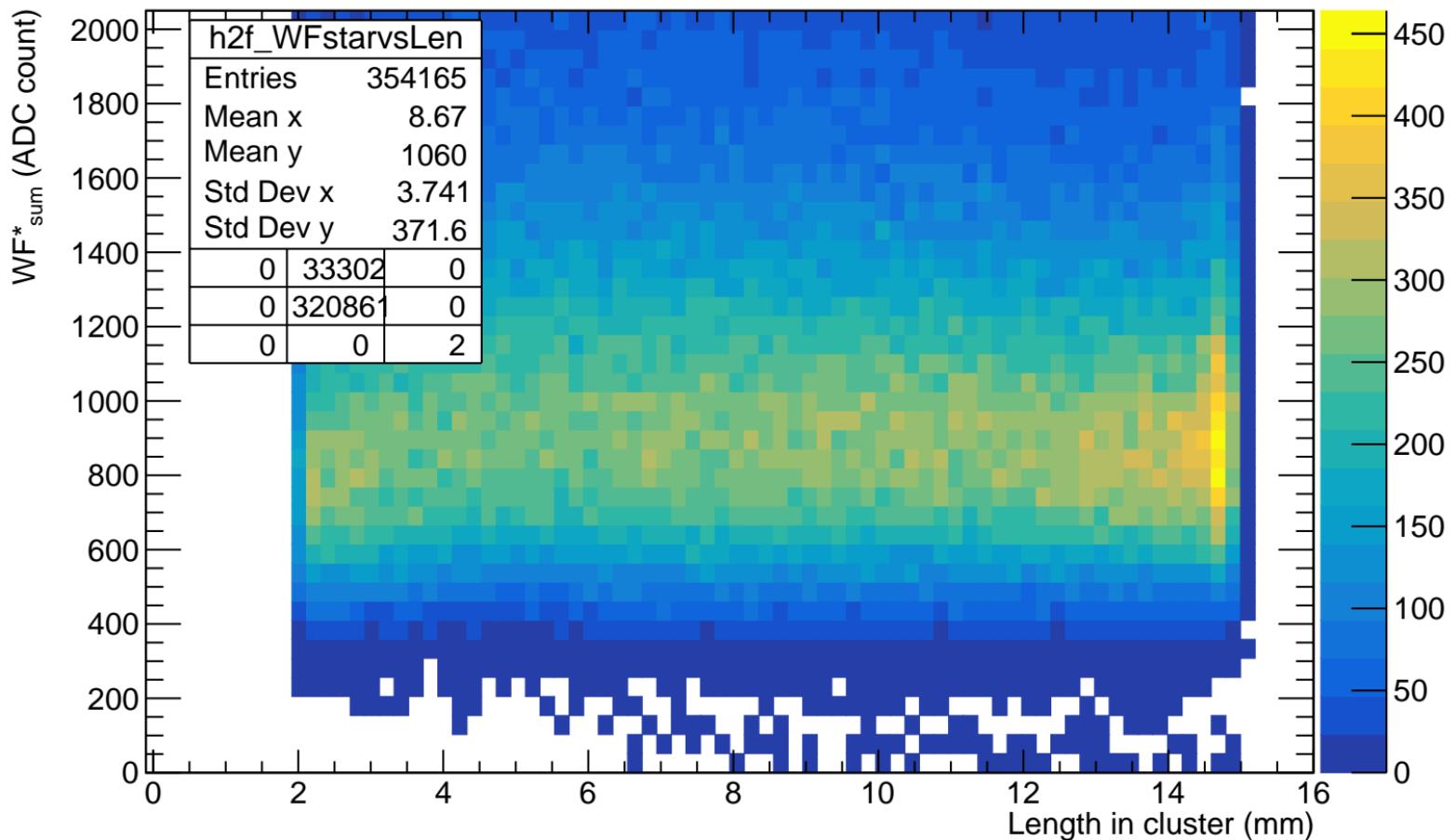
# WF<sub>sum</sub> VS length in cluster



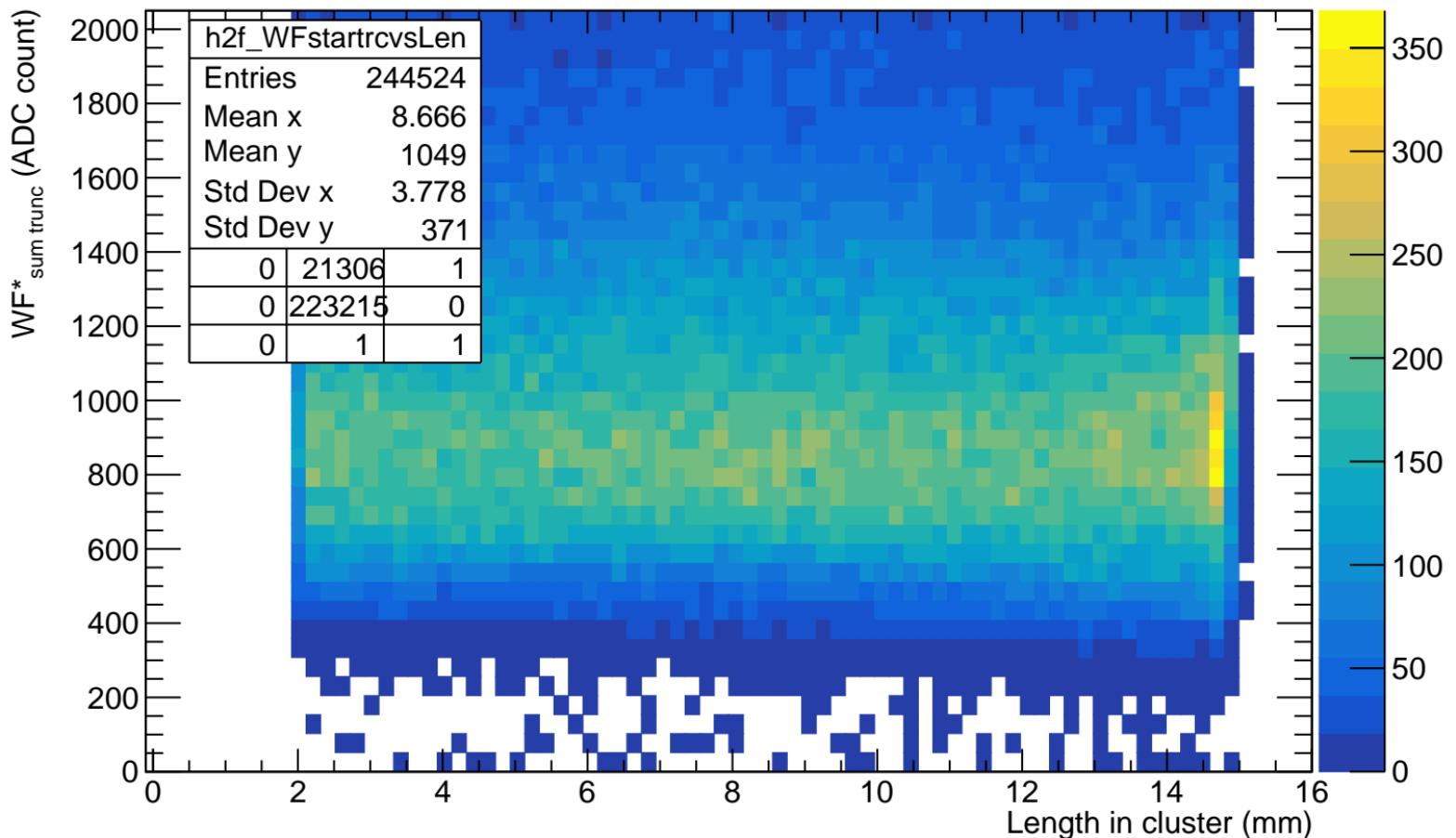
# WF<sub>sum</sub> truncated VS length in cluster

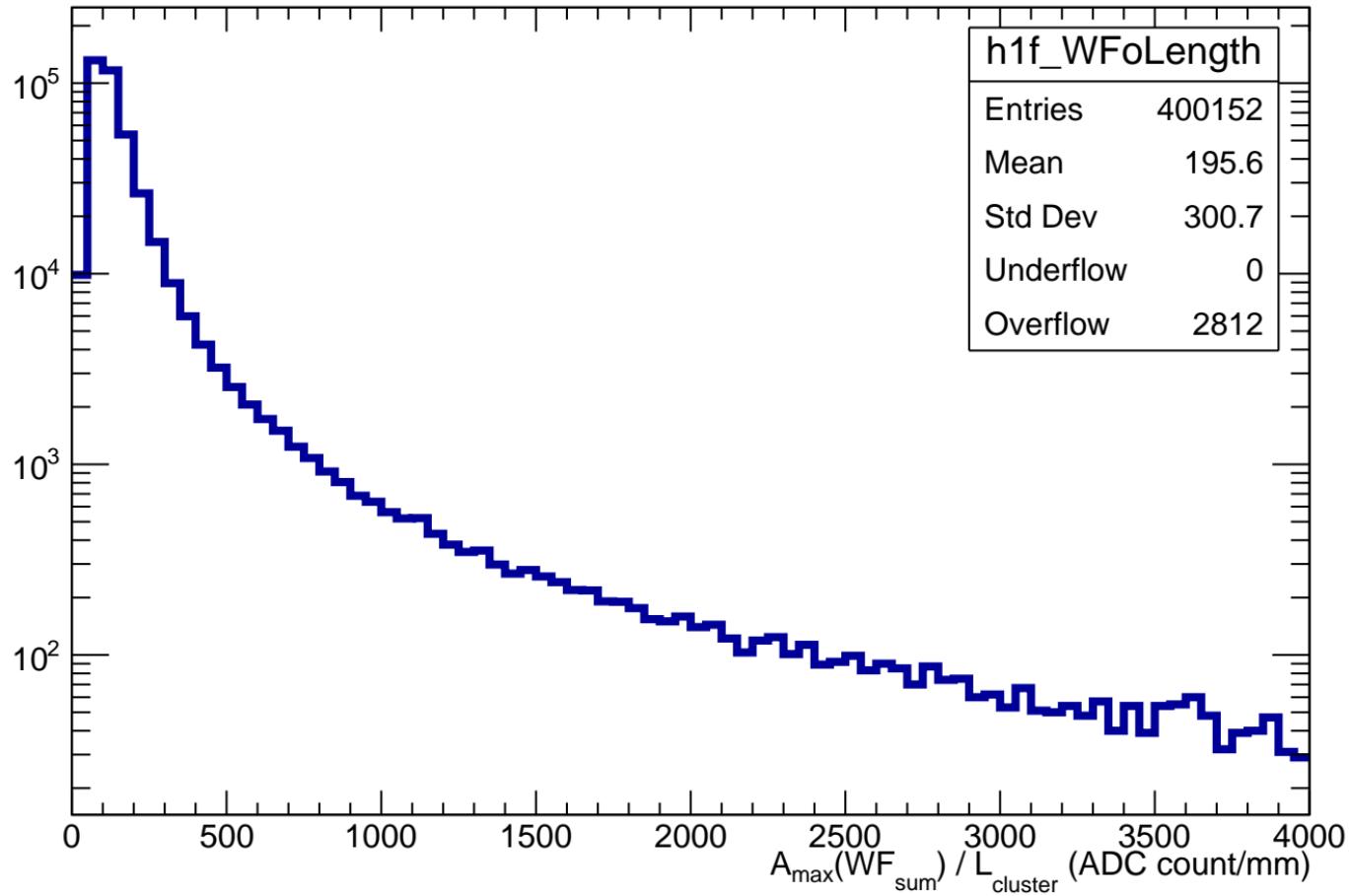


# WF\*<sub>sum</sub> VS length in cluster



# $WF^*$ <sub>sum truncated</sub> VS length in cluster



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

impact parameter d vs length in pad

