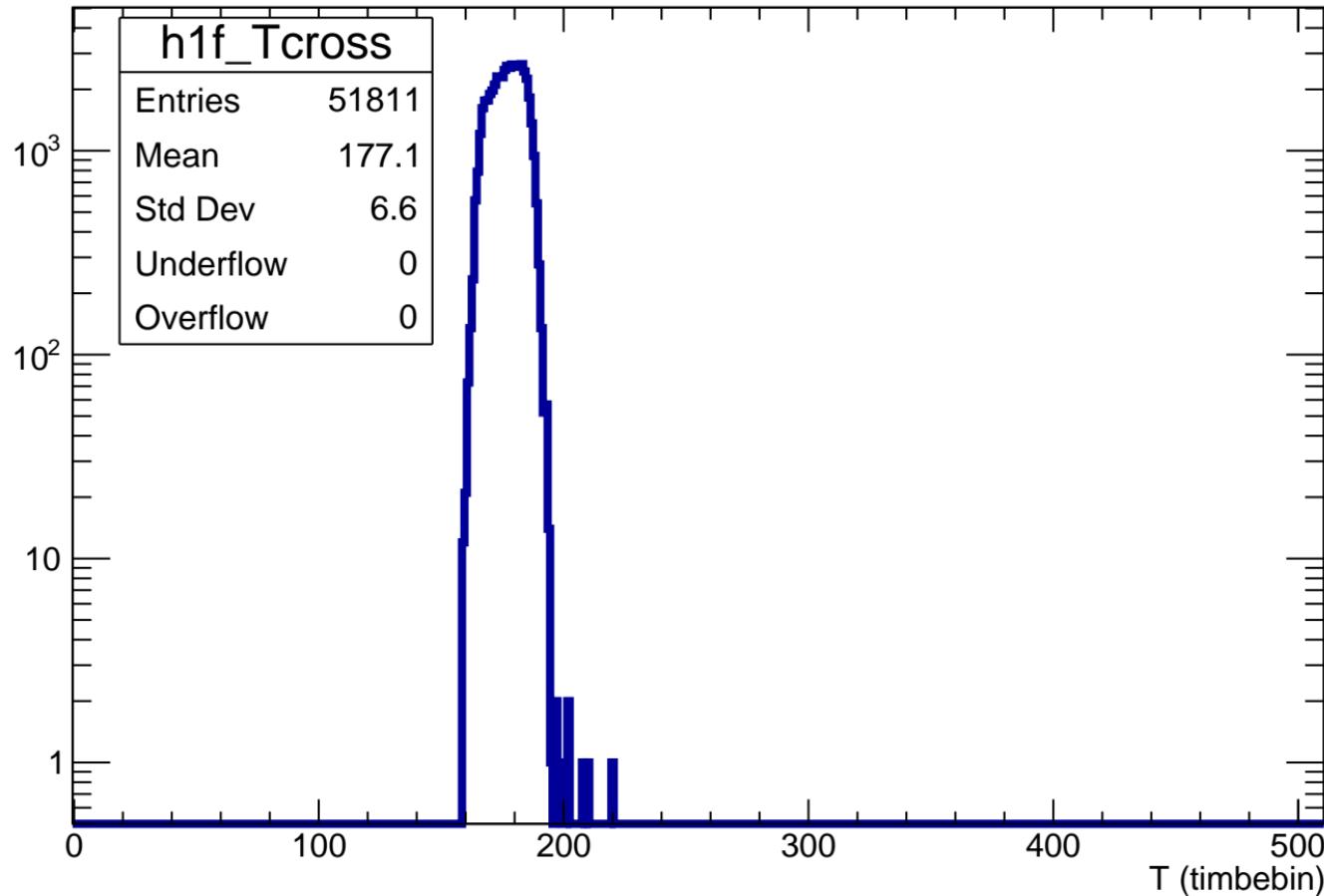


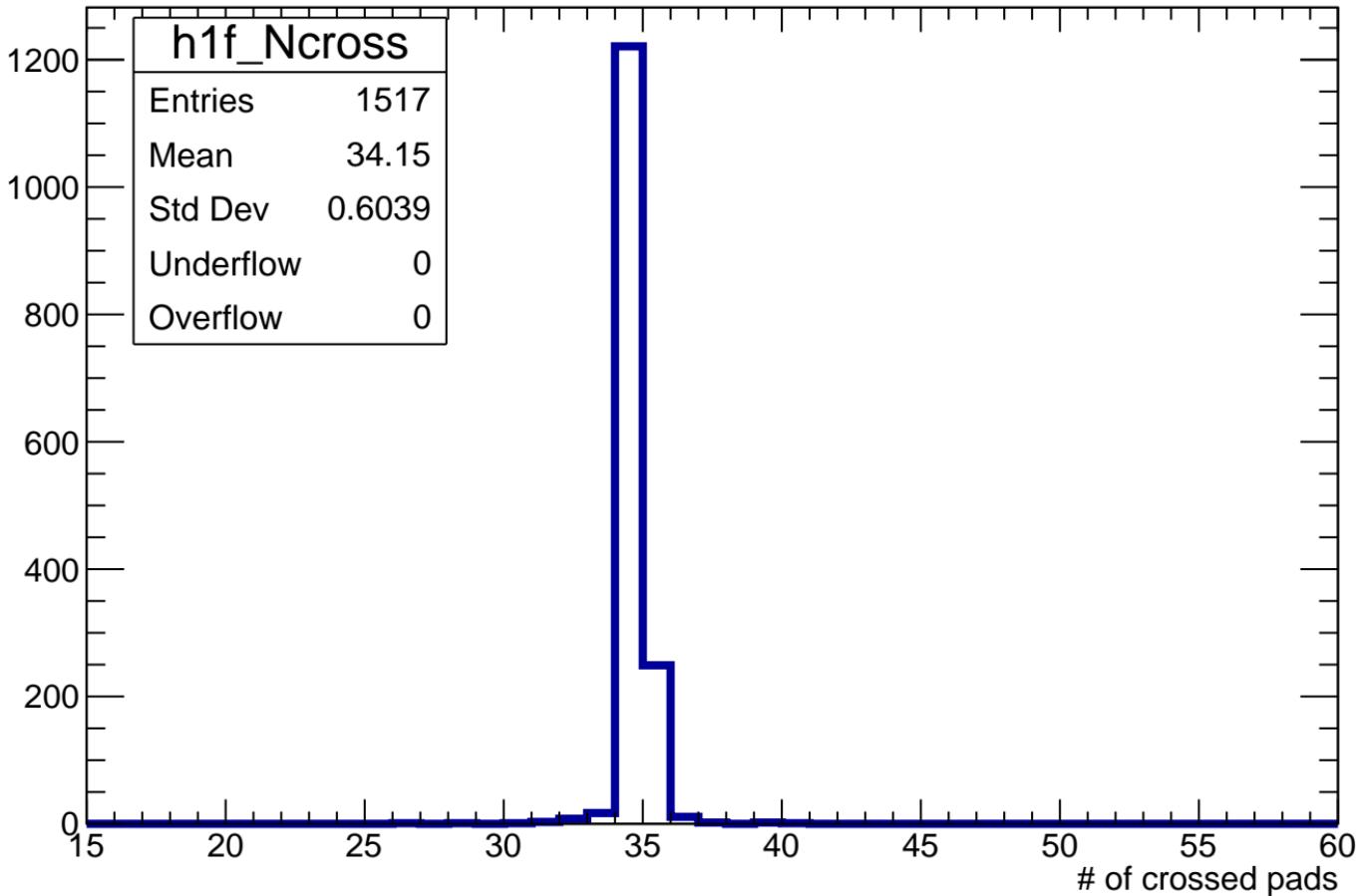
# $T_{\max}$ of crossed pads

Count



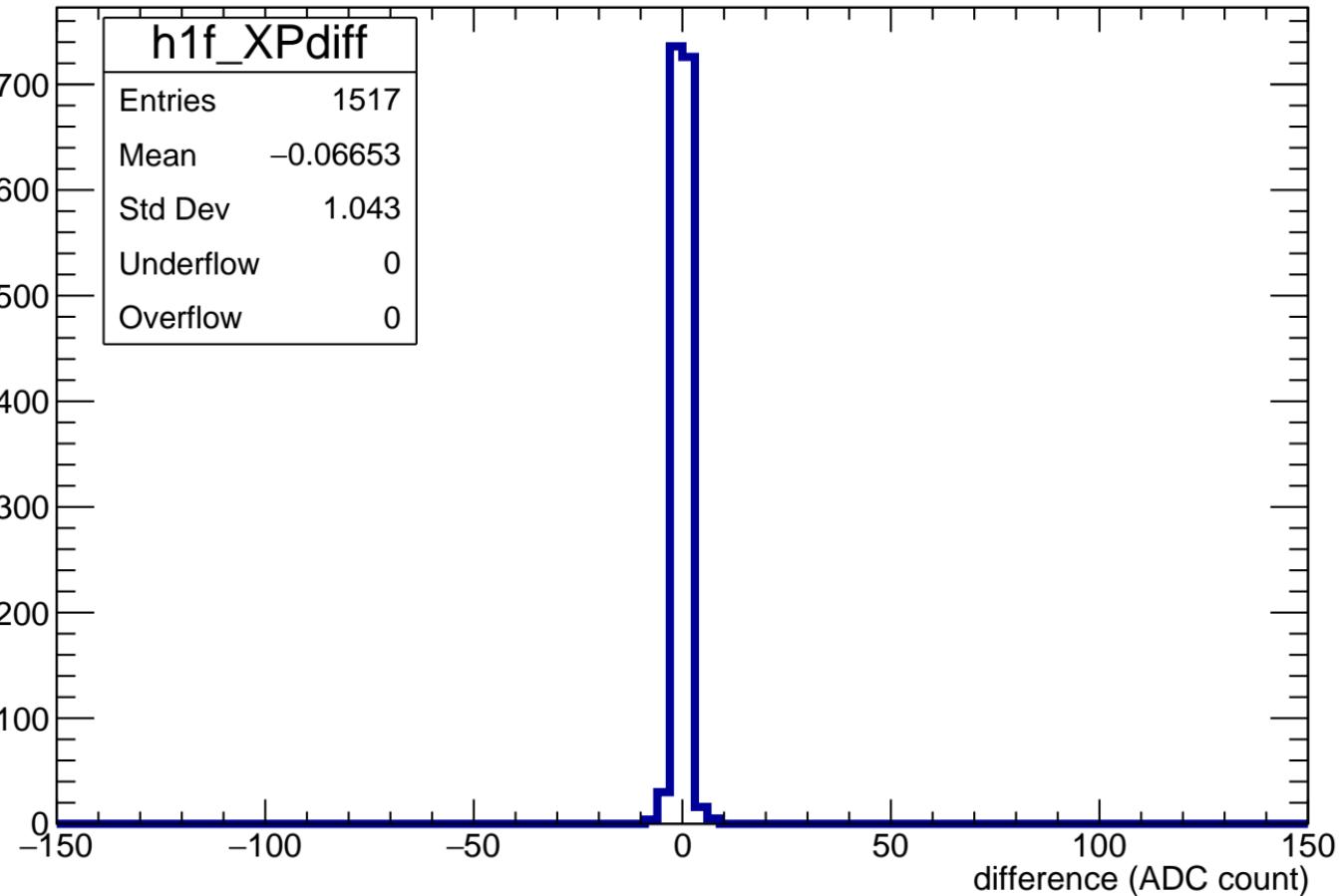
# Number of crossed pads

Count



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

Count



$Z_{\text{file}} = 415\text{mm} - Z_{\text{computed}}$ 

Count

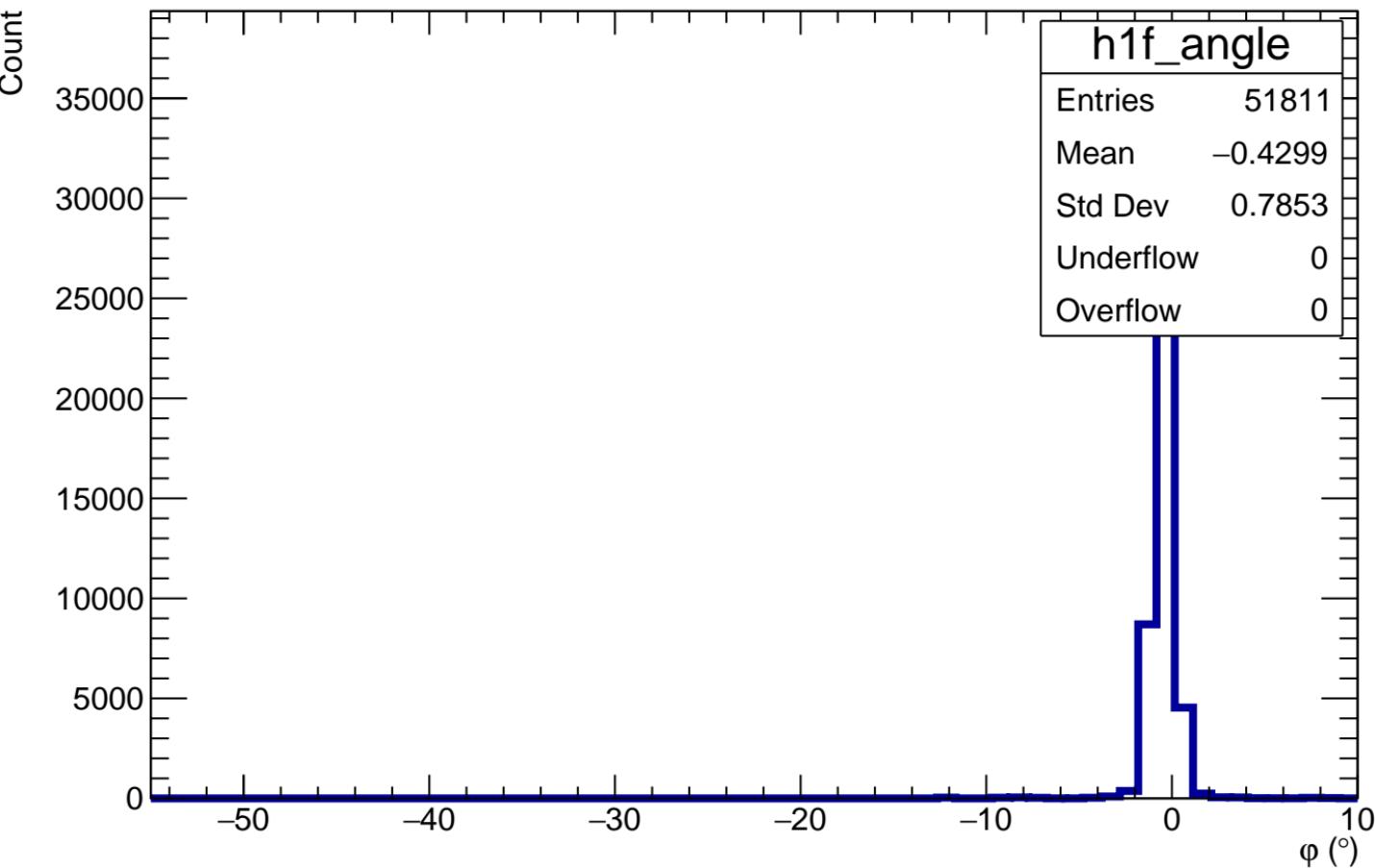
h1f_zdiff	
Entries	51811
Mean	37.32
Std Dev	20.59
Underflow	0
Overflow	0

5000  
4000  
3000  
2000  
1000  
0

-150 -100 -50 0 50 100 150

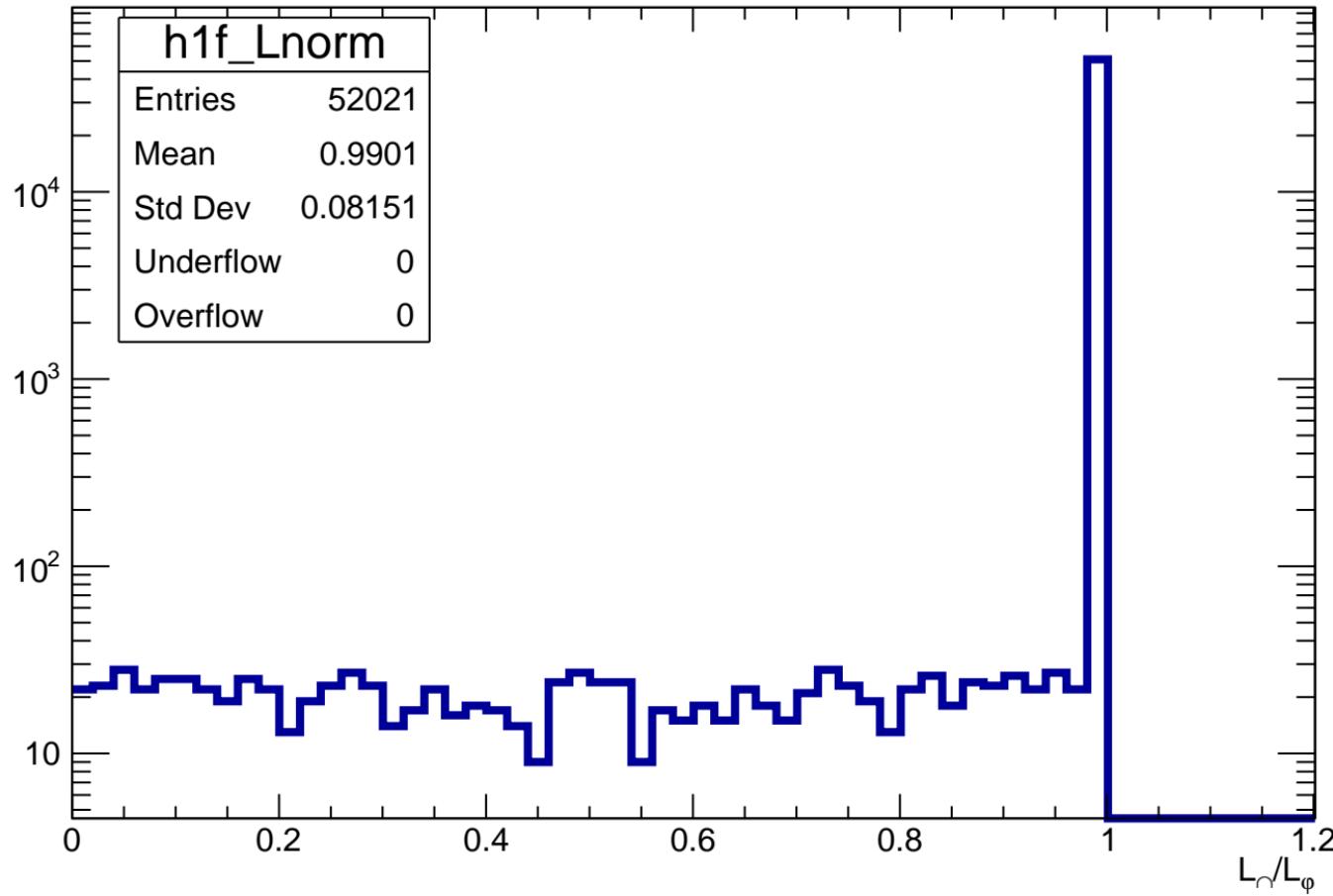
difference (mm)

# Angle $\varphi$ in each pad

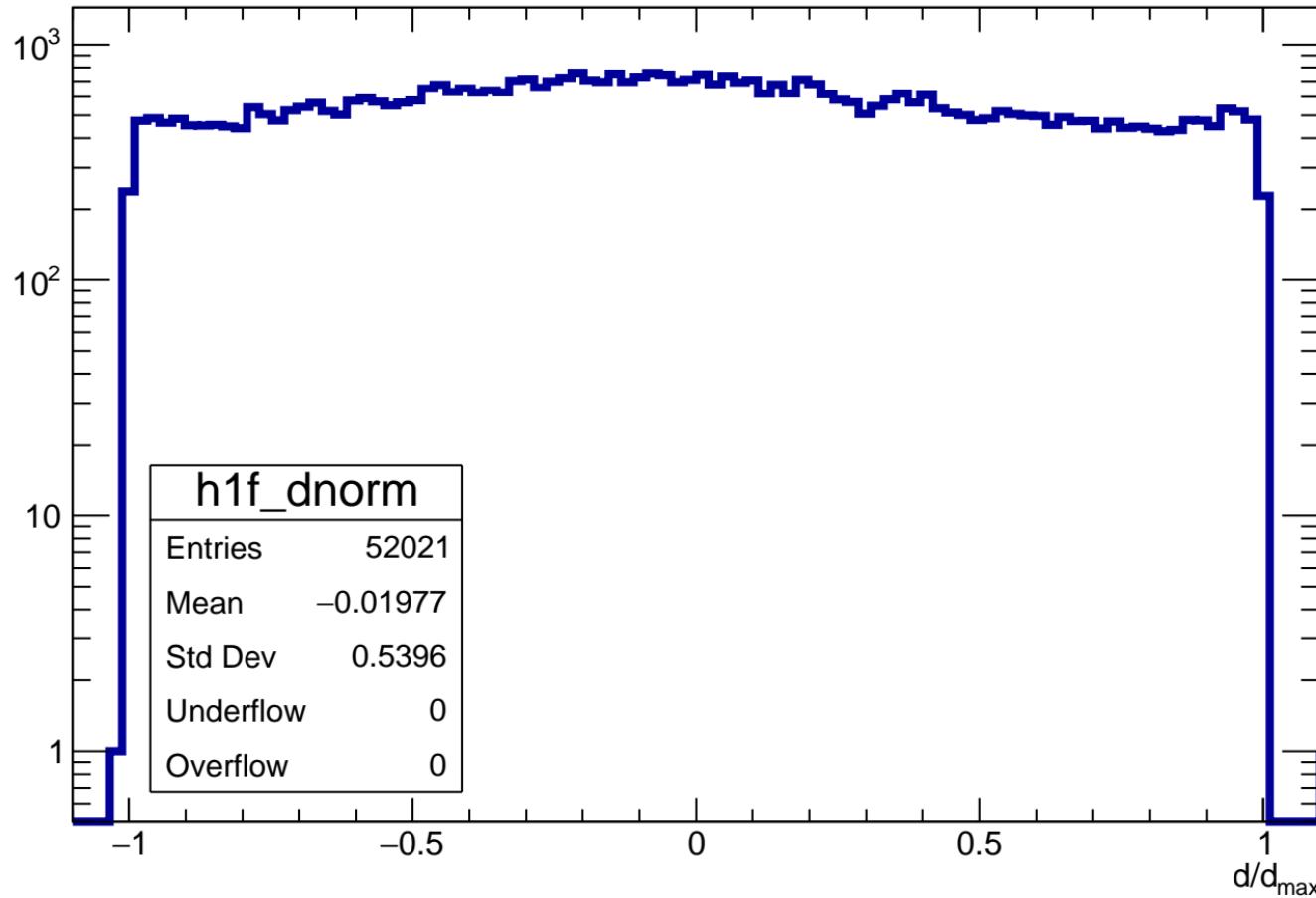


Length in pad normalized to maximum length in pad for a given  $\phi$

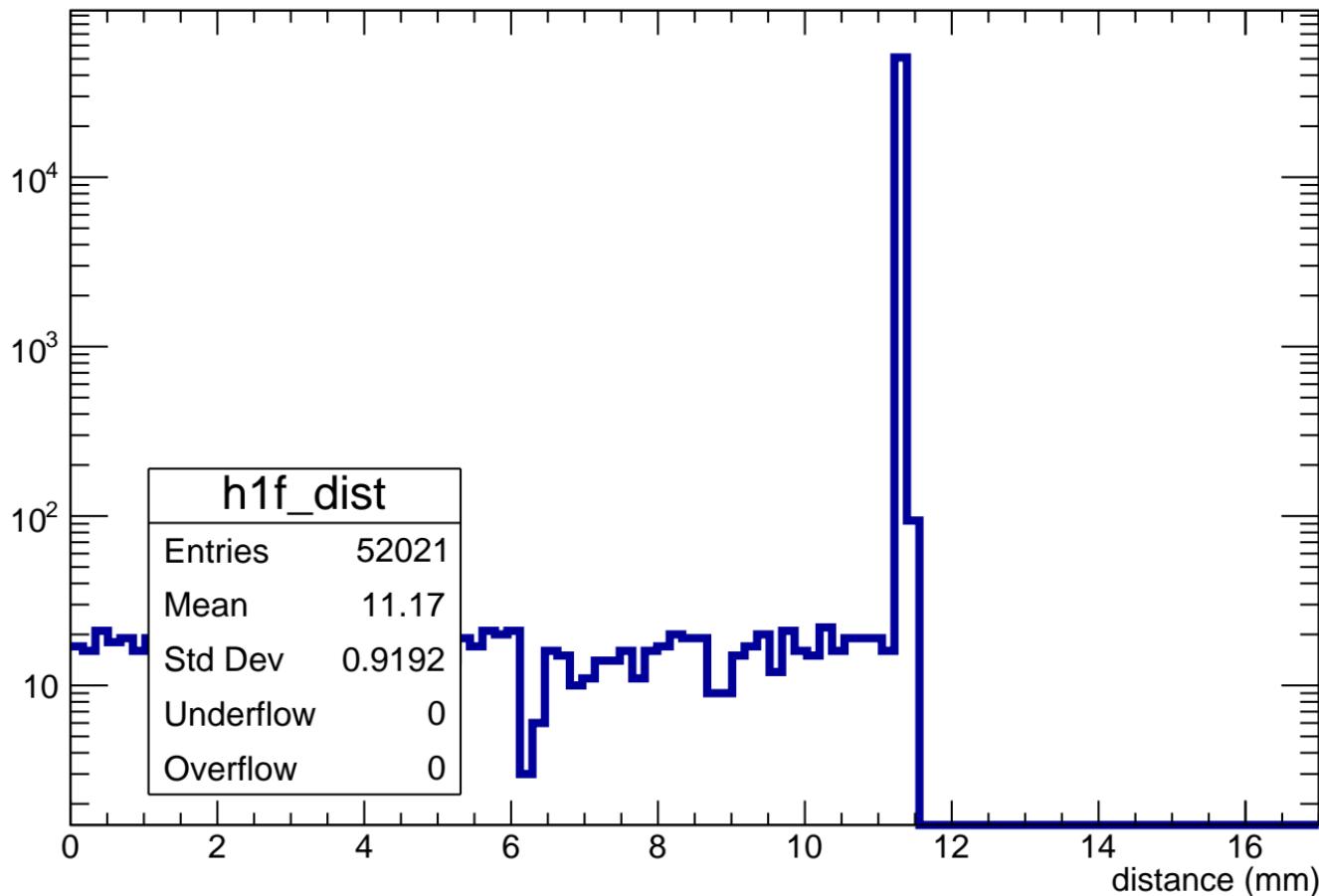
Count



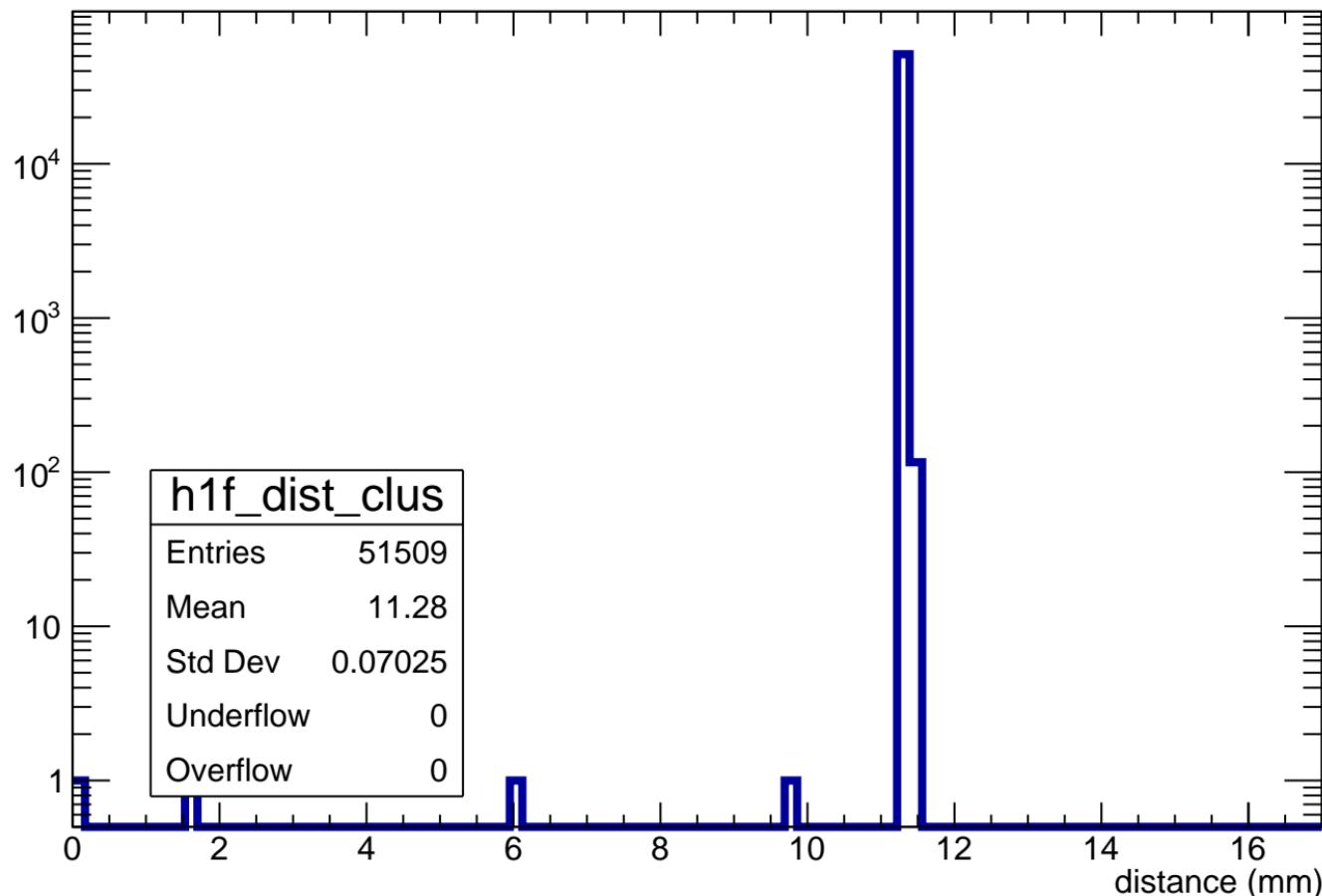
# Normalized impact parameter $d/d_{\max}$



# distance of track in pad

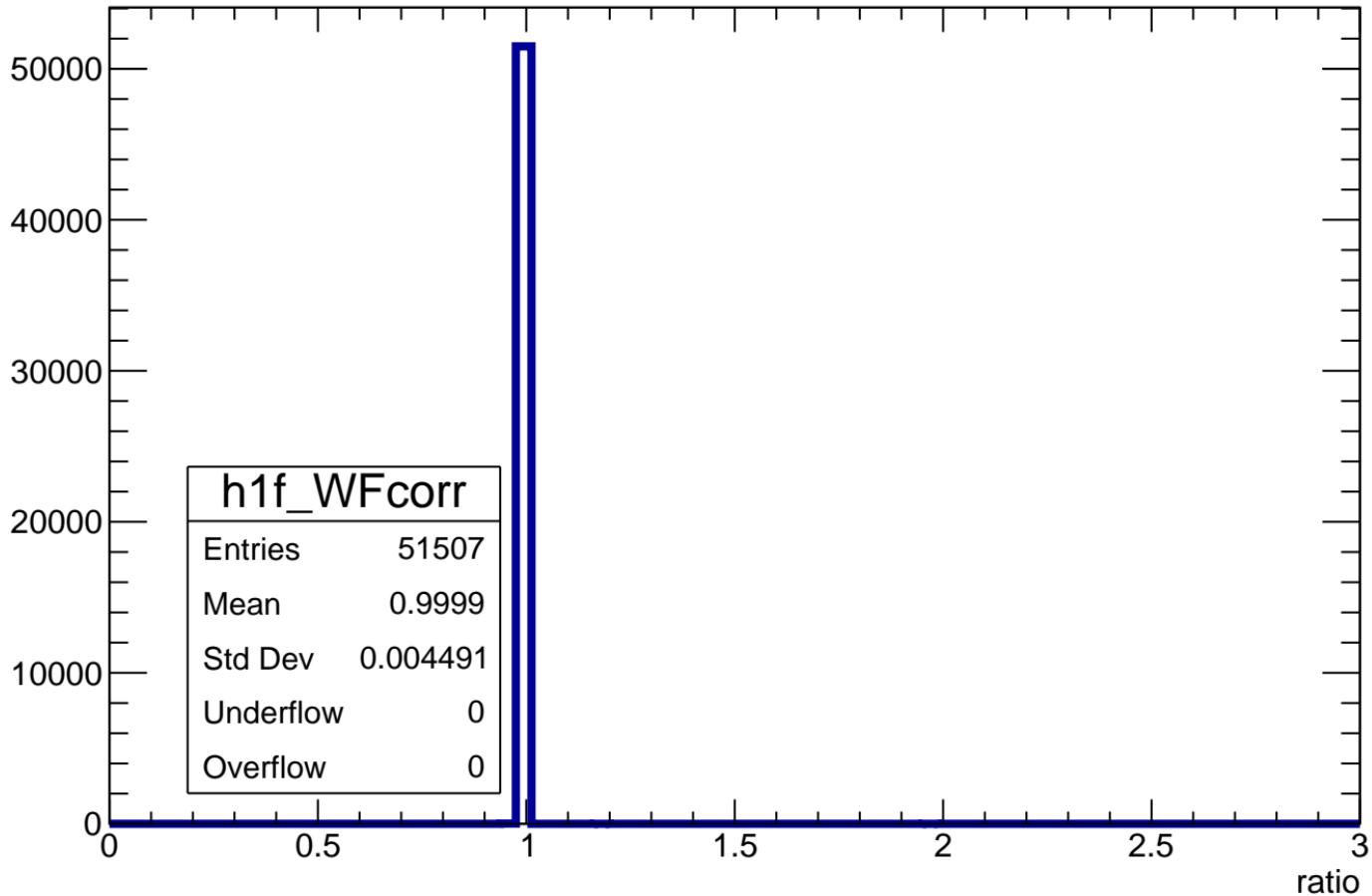


# distance of track in cluster



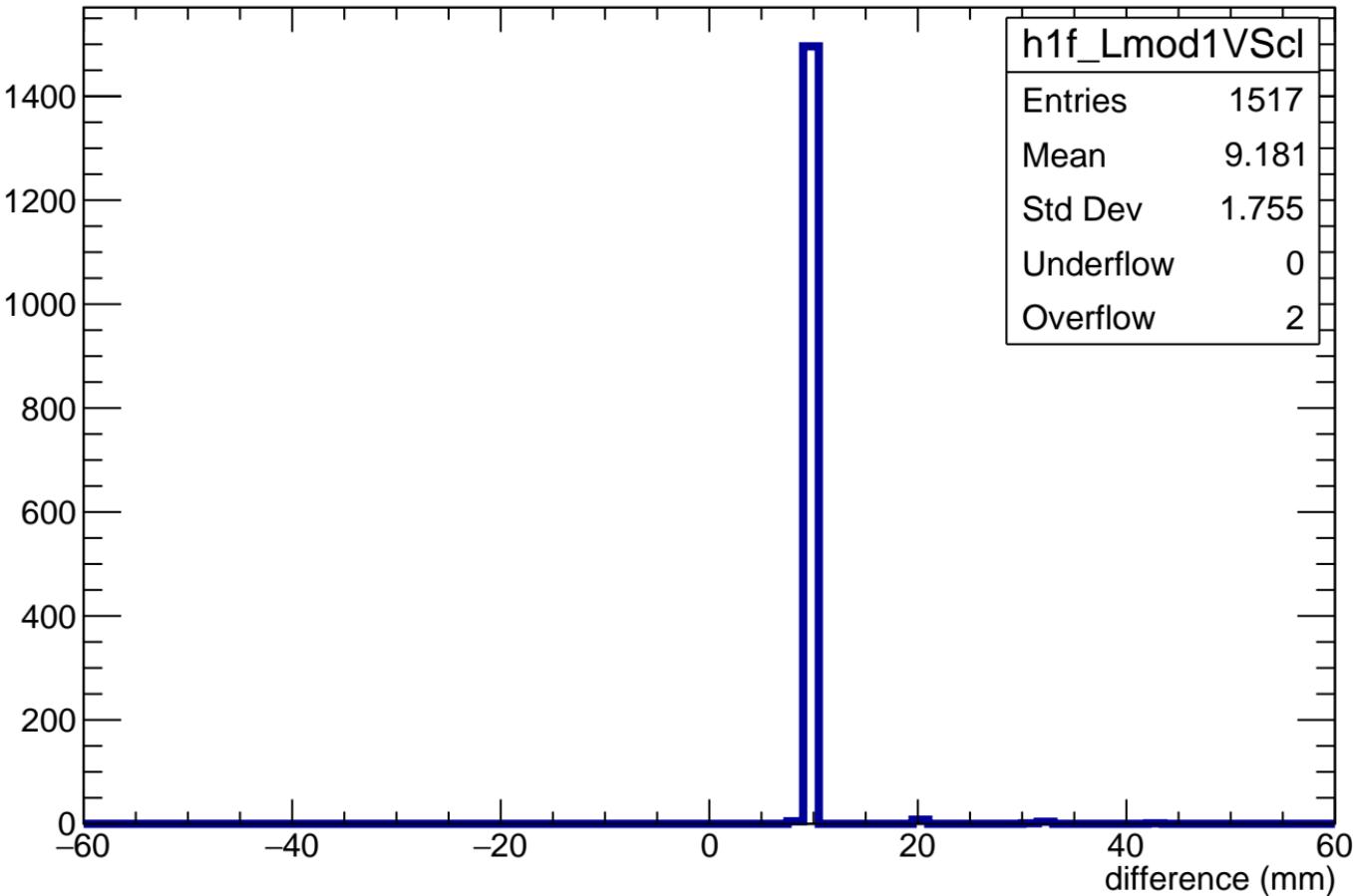
# Correction A<sub>max</sub> ratio

Count



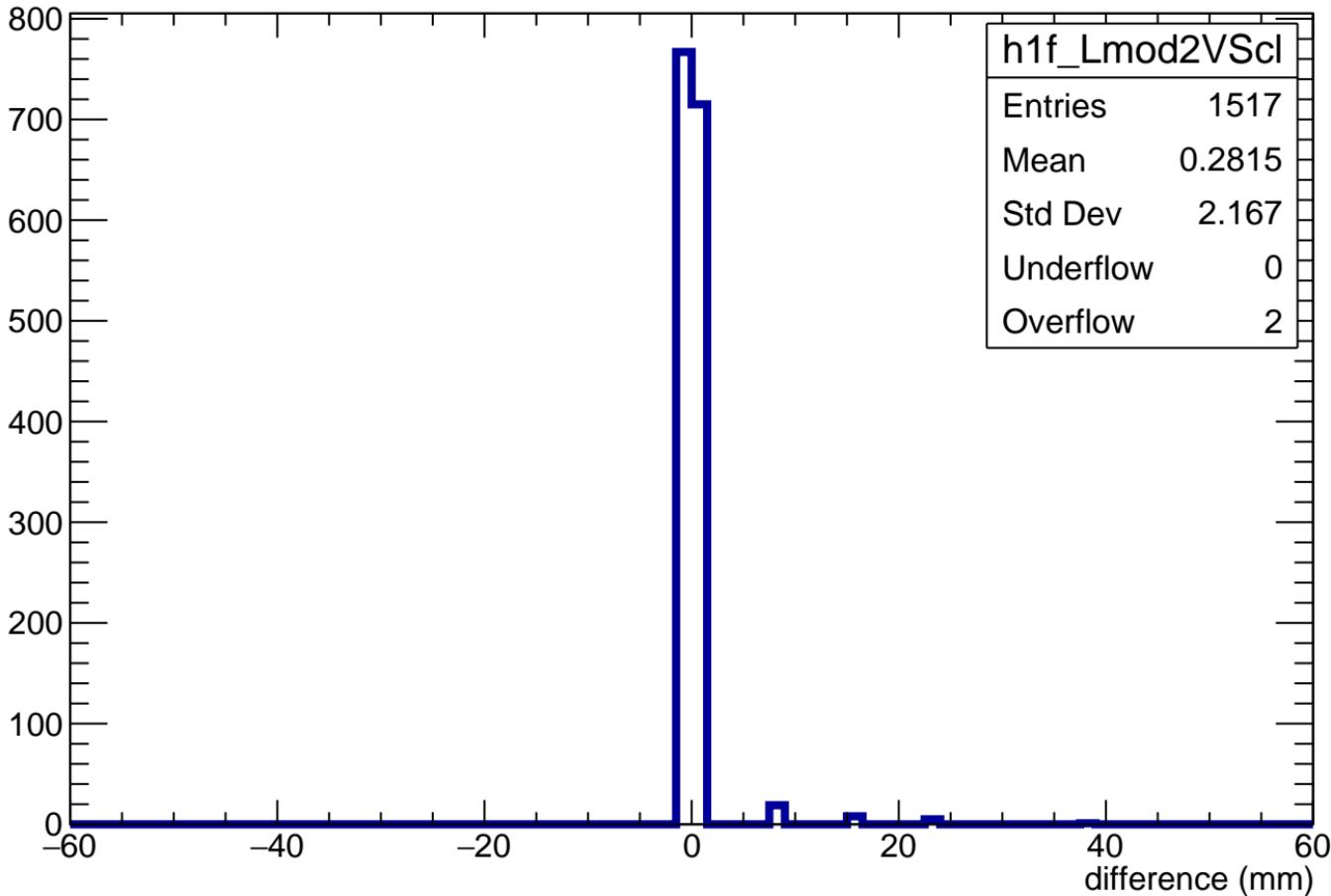
$L_{\text{ERAM}} * 0.7 - \sum L_{\text{clus} > 2\text{mm}}$ 

Count



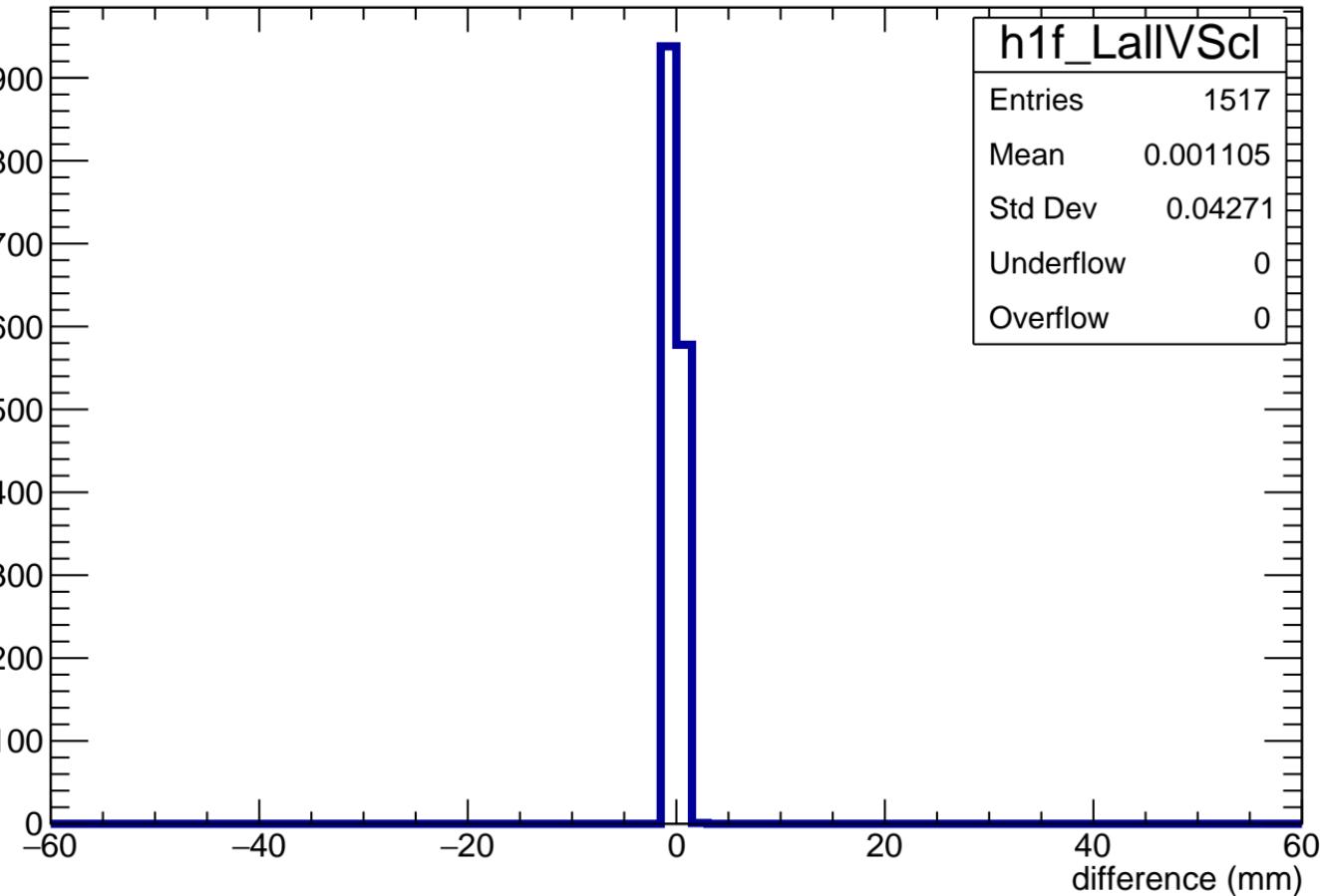
$$L_{\text{ERAM}} * (N_{\text{trunc cross}} / N_{\text{clus cross} > 2\text{mm}}) - \sum L_{\text{clus} > 2\text{mm}}$$

Count

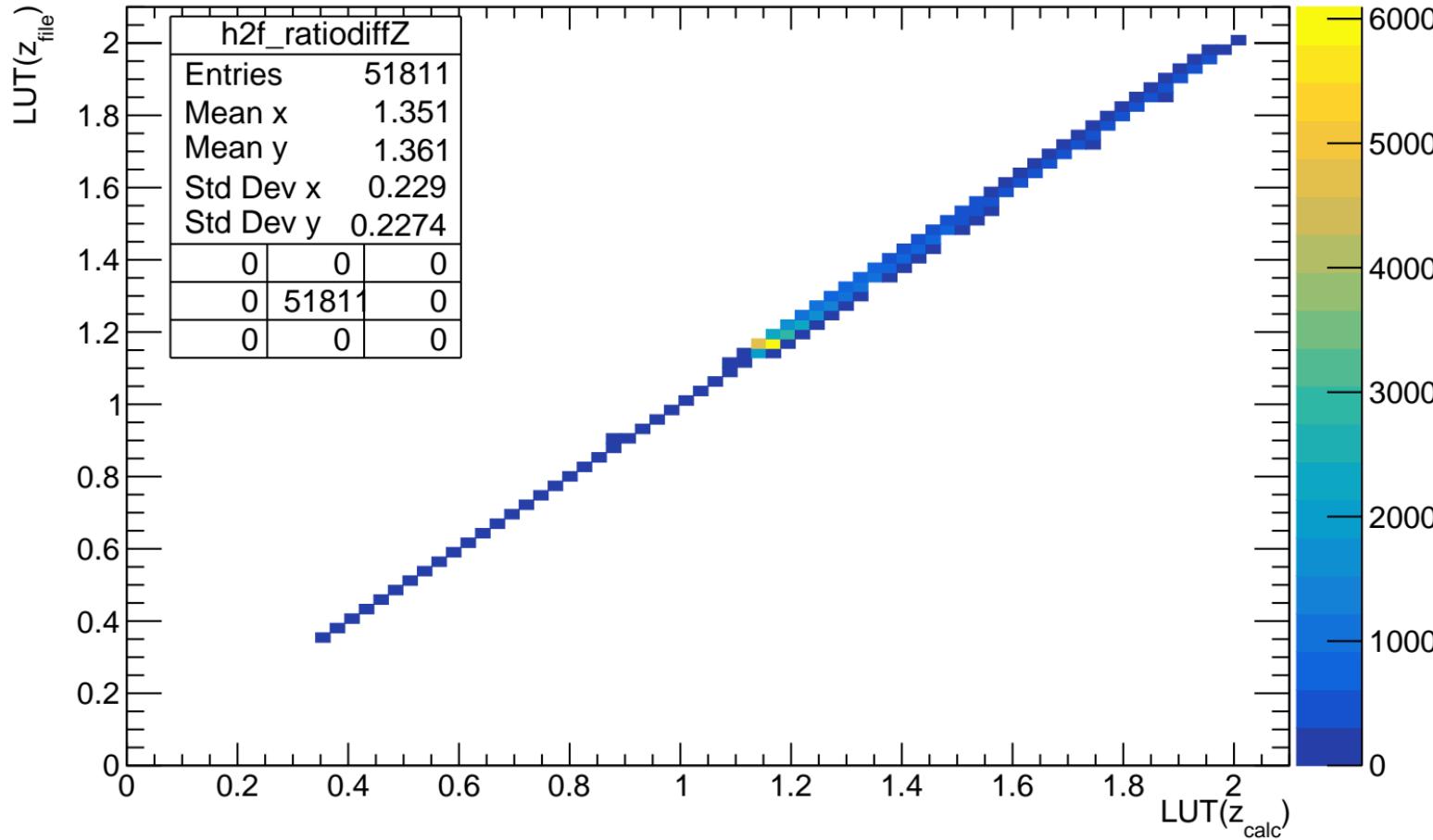


$L_{\text{clusters}} - L_{\text{clusters} > 2\text{mm}}$

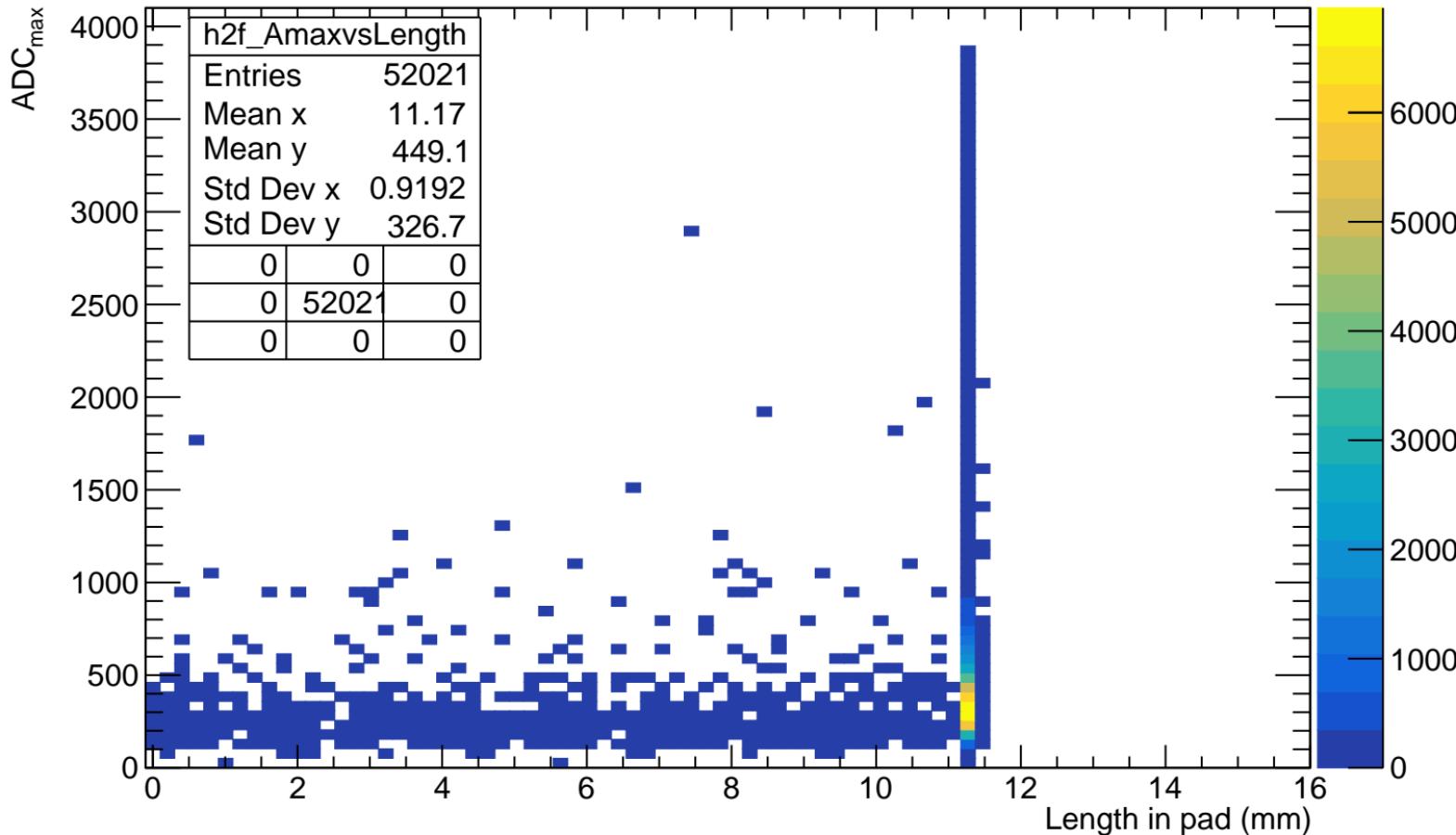
Count



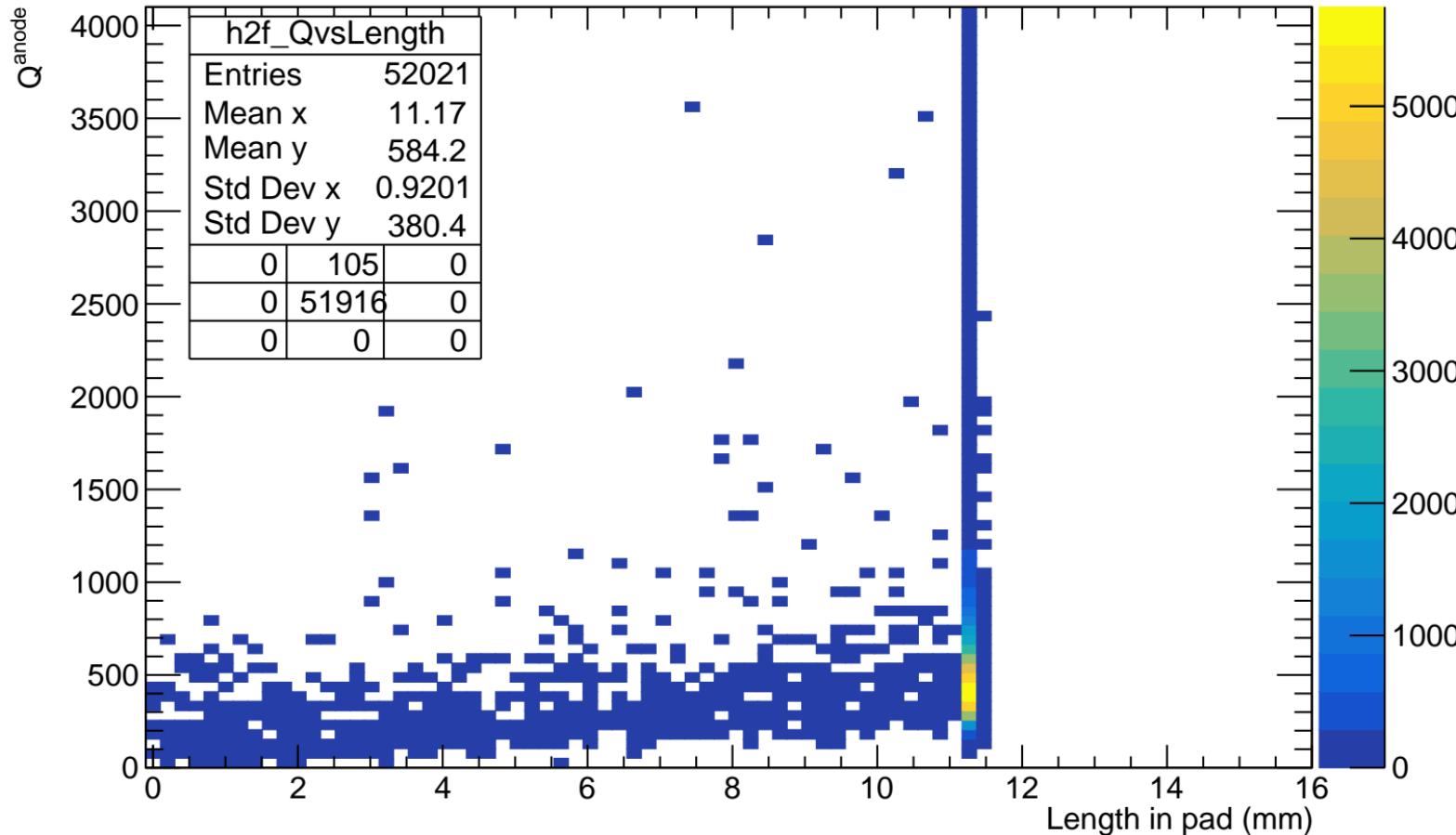
# LUT( $z_{\text{file}}$ ) vs LUT( $z_{\text{calc}}$ )



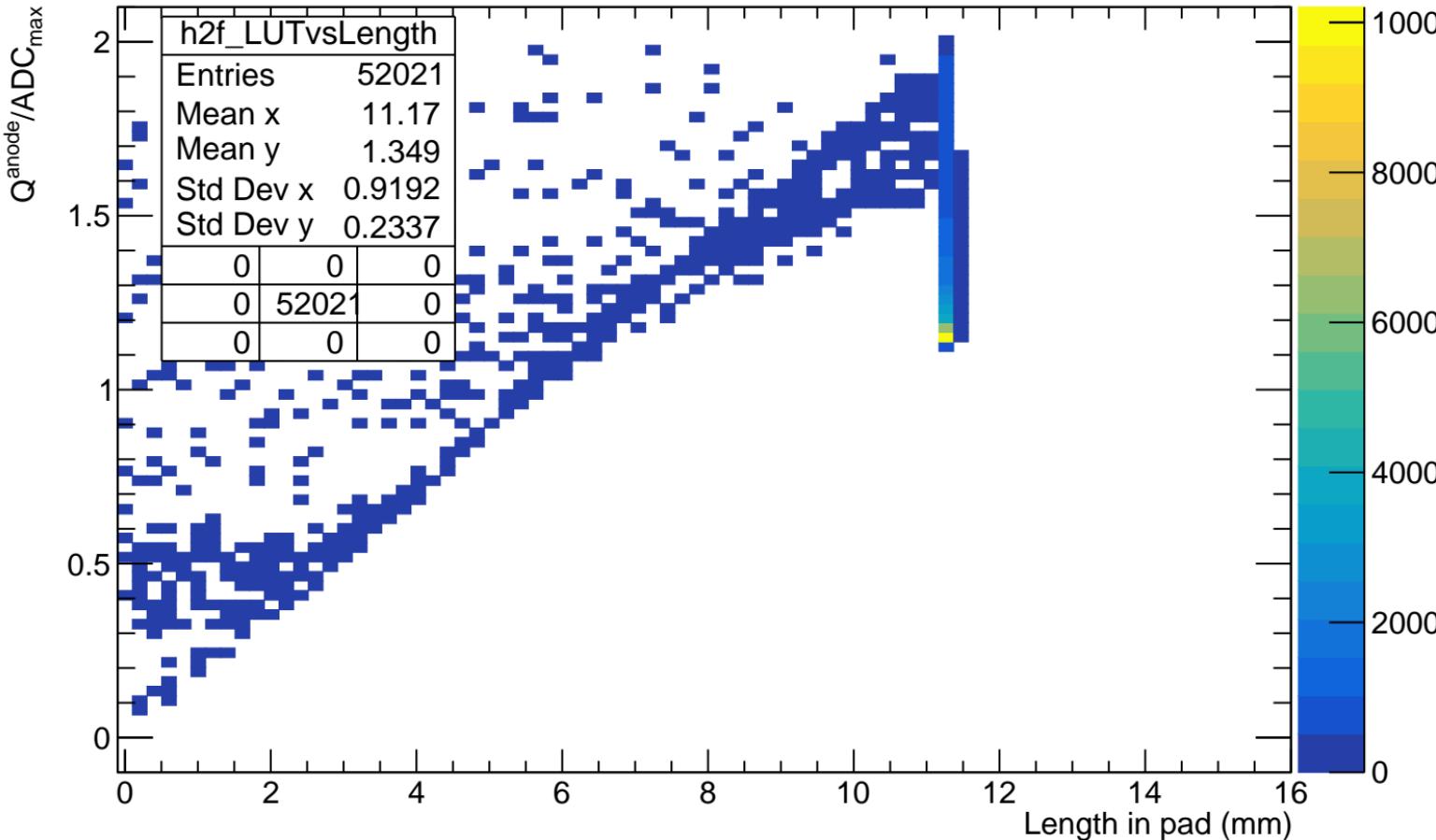
## ADC<sub>max</sub> VS length in pad (before length cut)



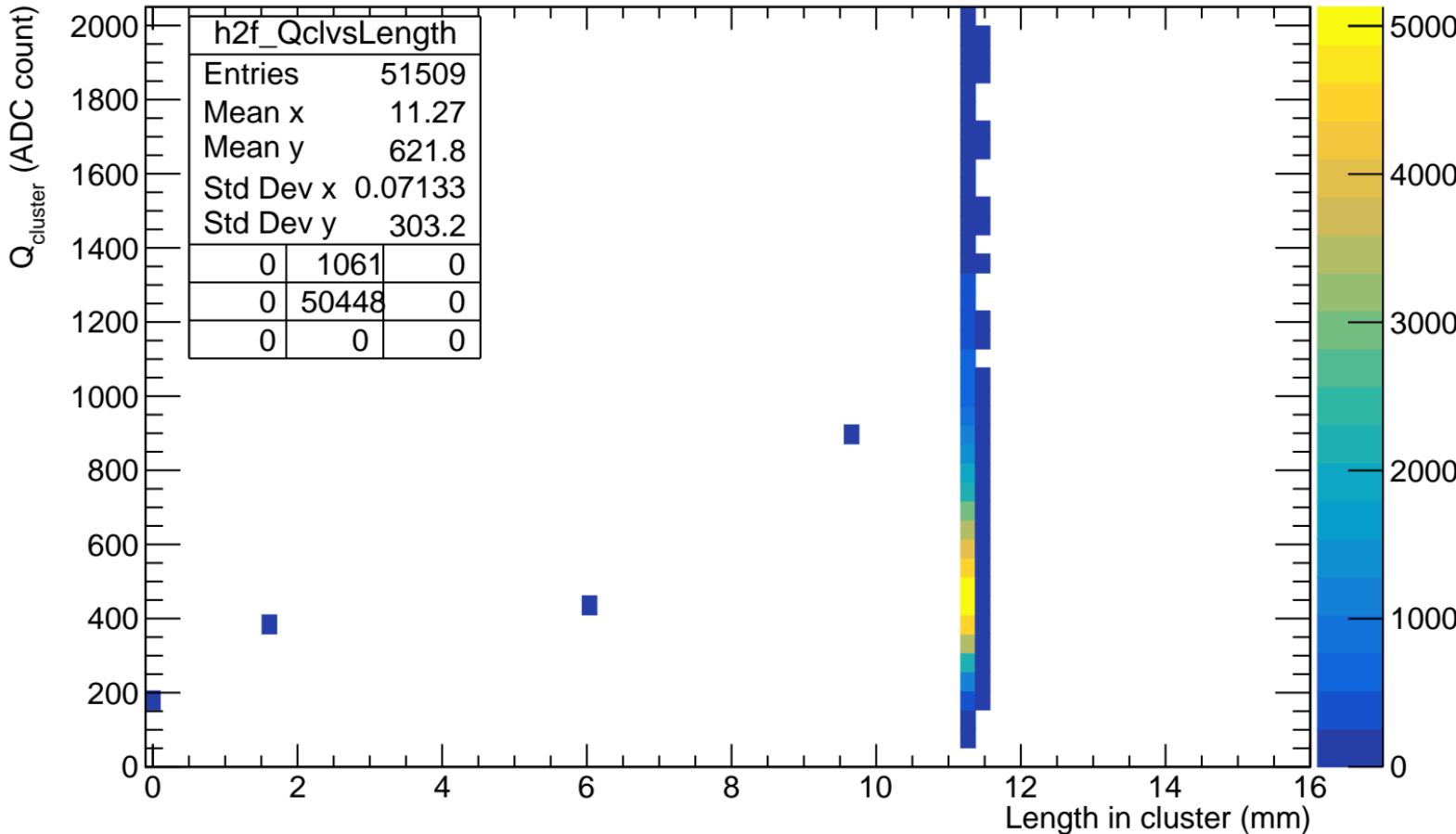
# $Q^{\text{anode}}$ VS length in pad (before length cut)



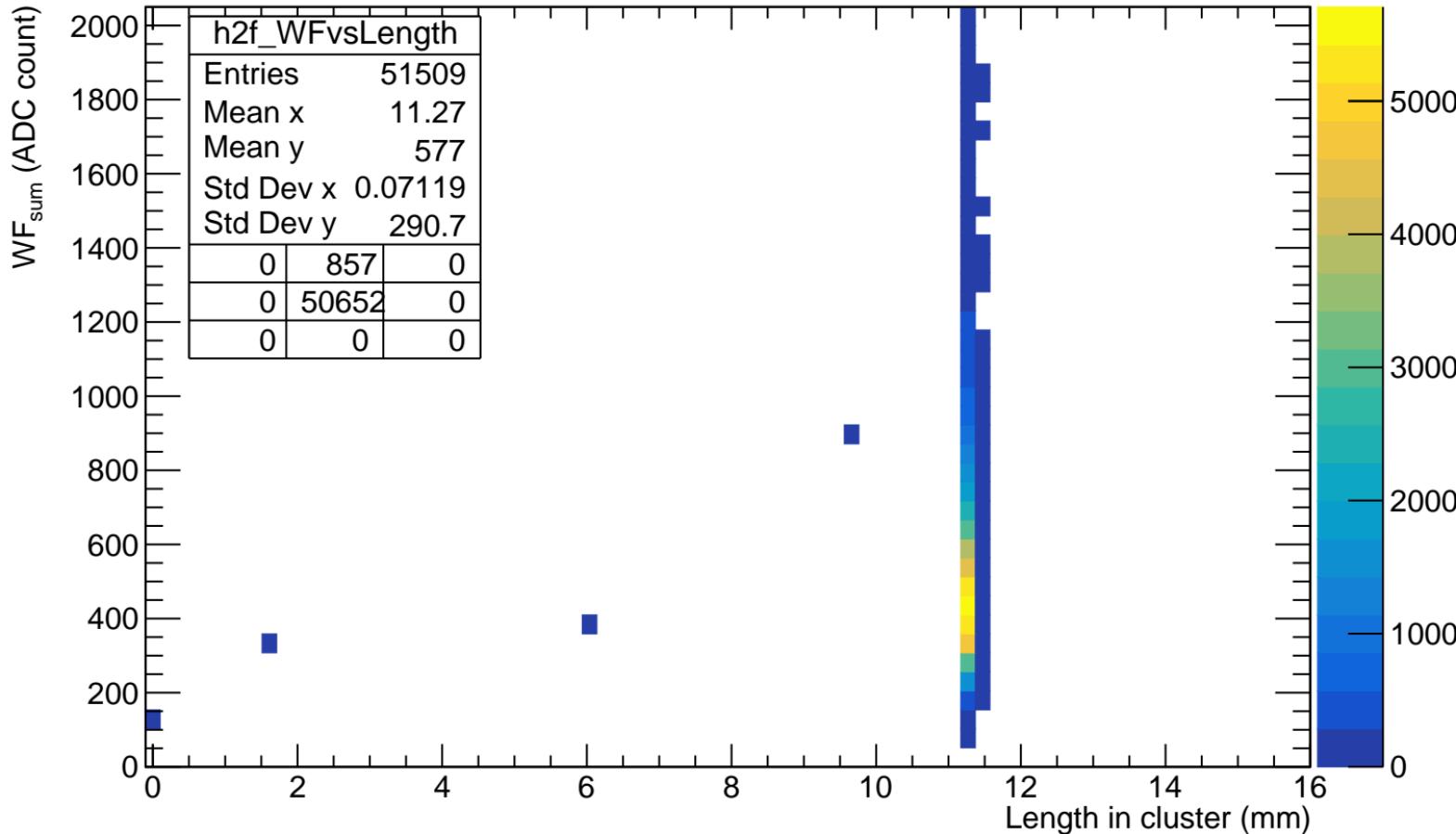
# $Q^{\text{anode}}/\text{ADC}_{\max}$ VS length in pad (before length cut)



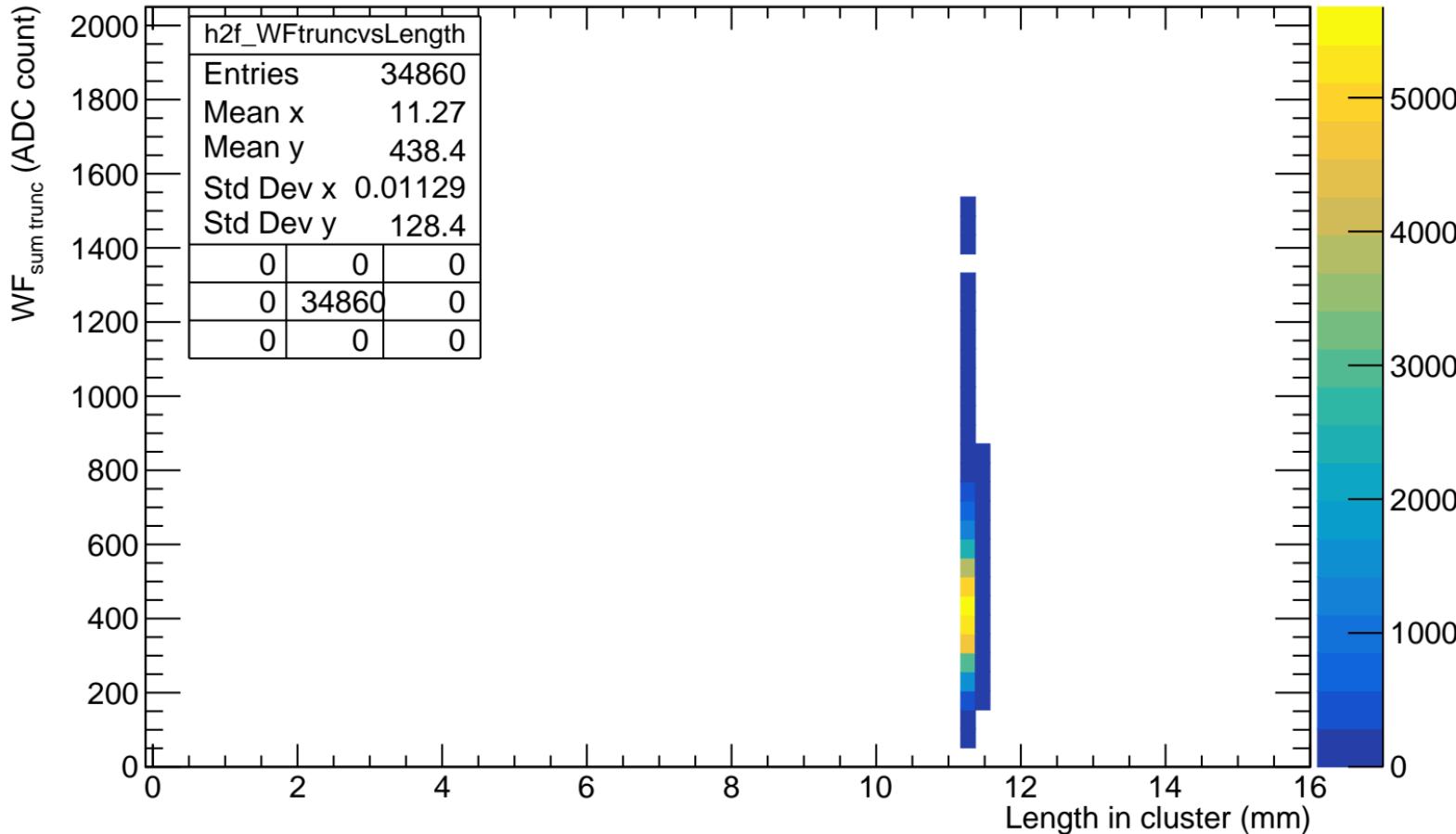
# $Q_{\text{cluster}}$ VS length in cluster



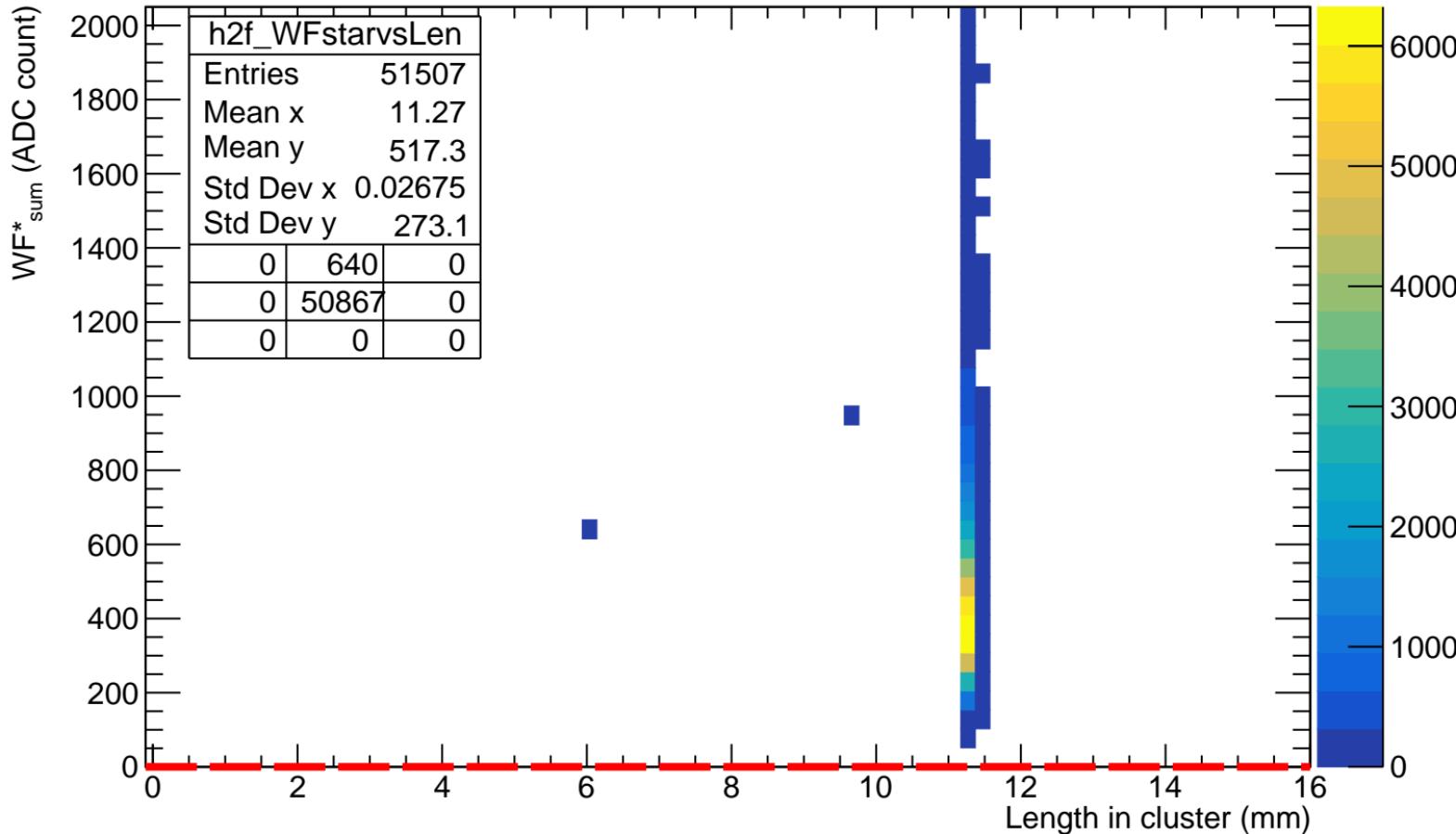
# WF<sub>sum</sub> VS length in cluster



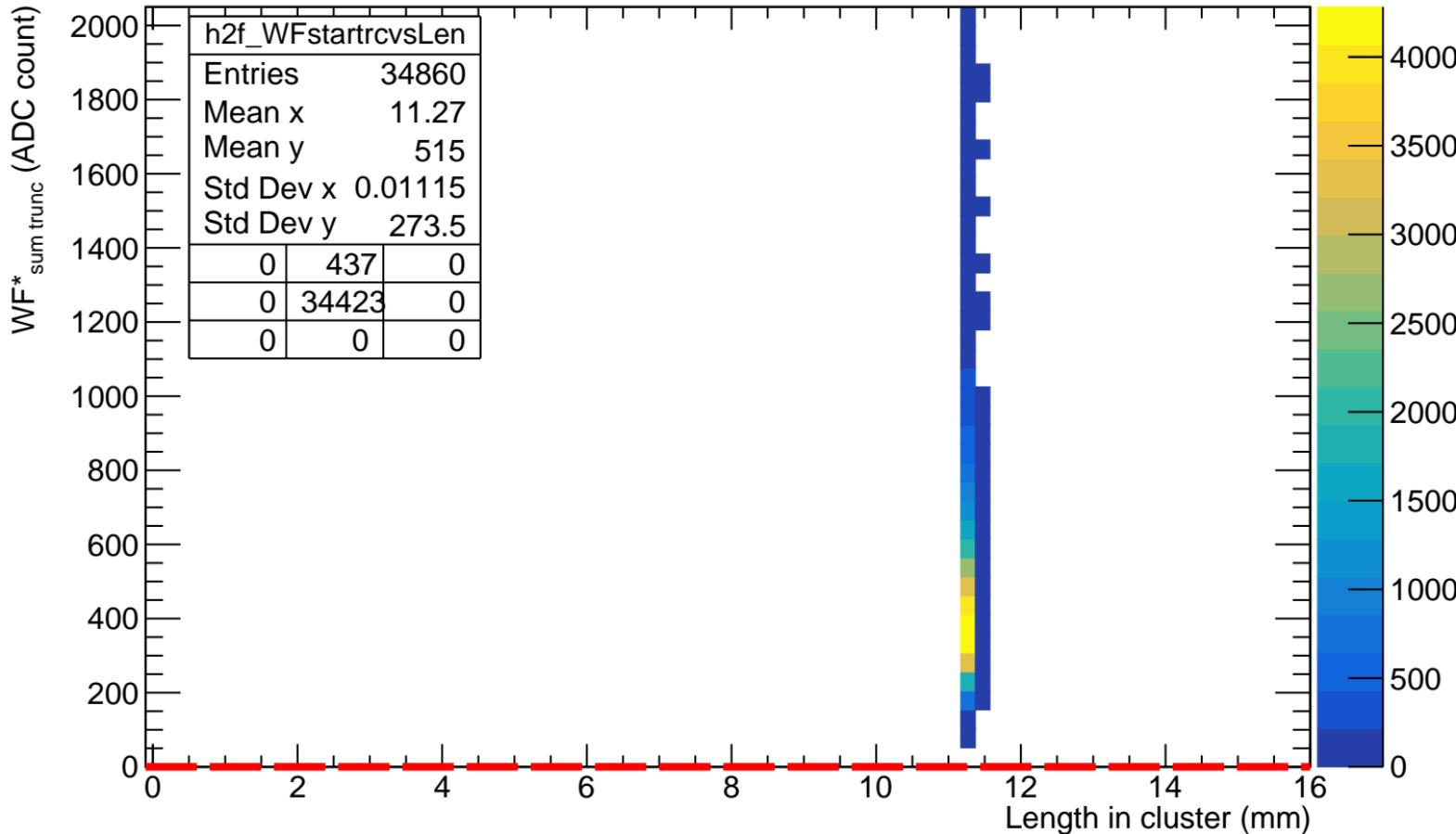
# WF<sub>sum</sub> truncated VS length in cluster

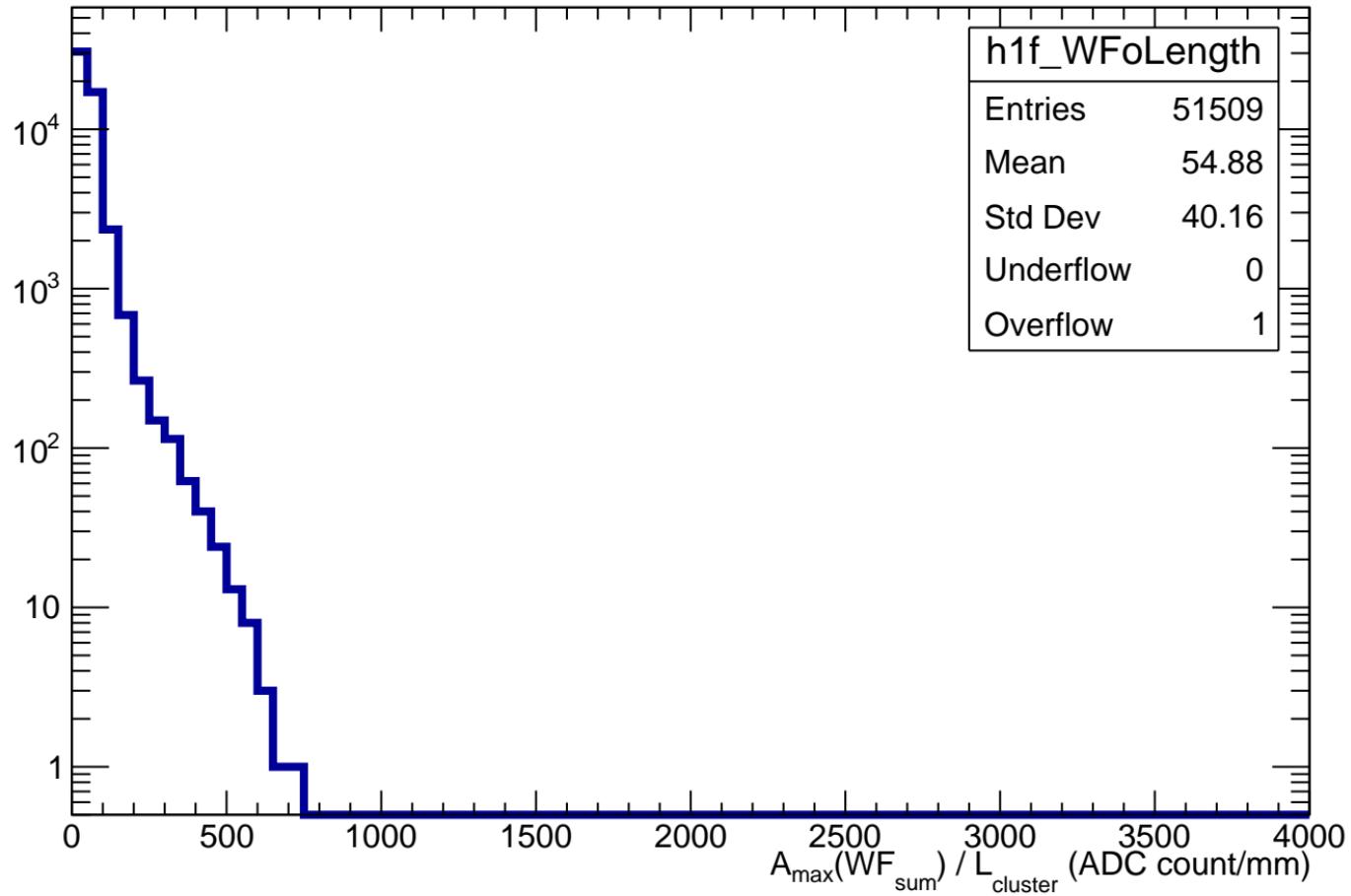


# WF\*<sub>sum</sub> VS length in cluster



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



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

## impact parameter d vs length in pad

