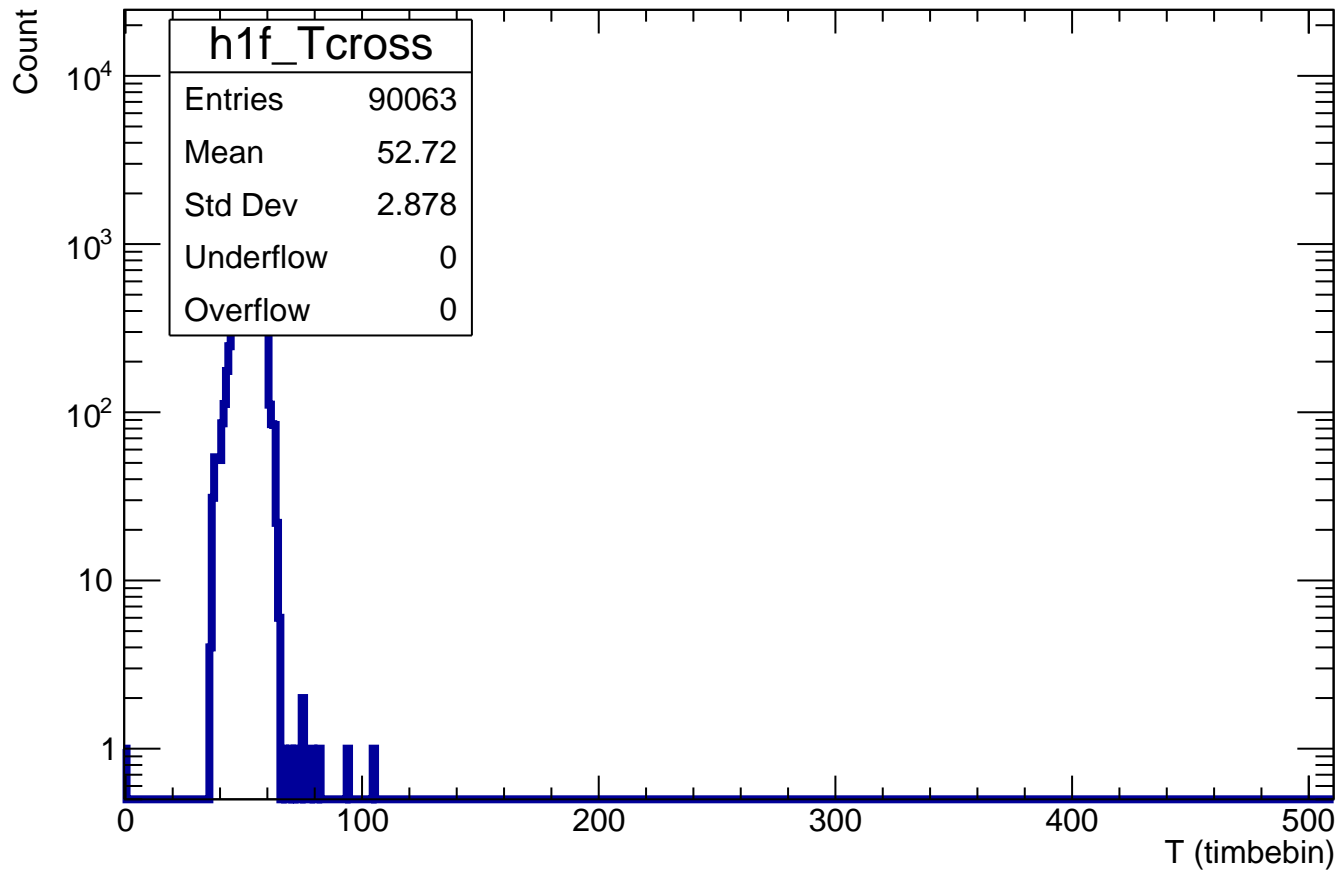
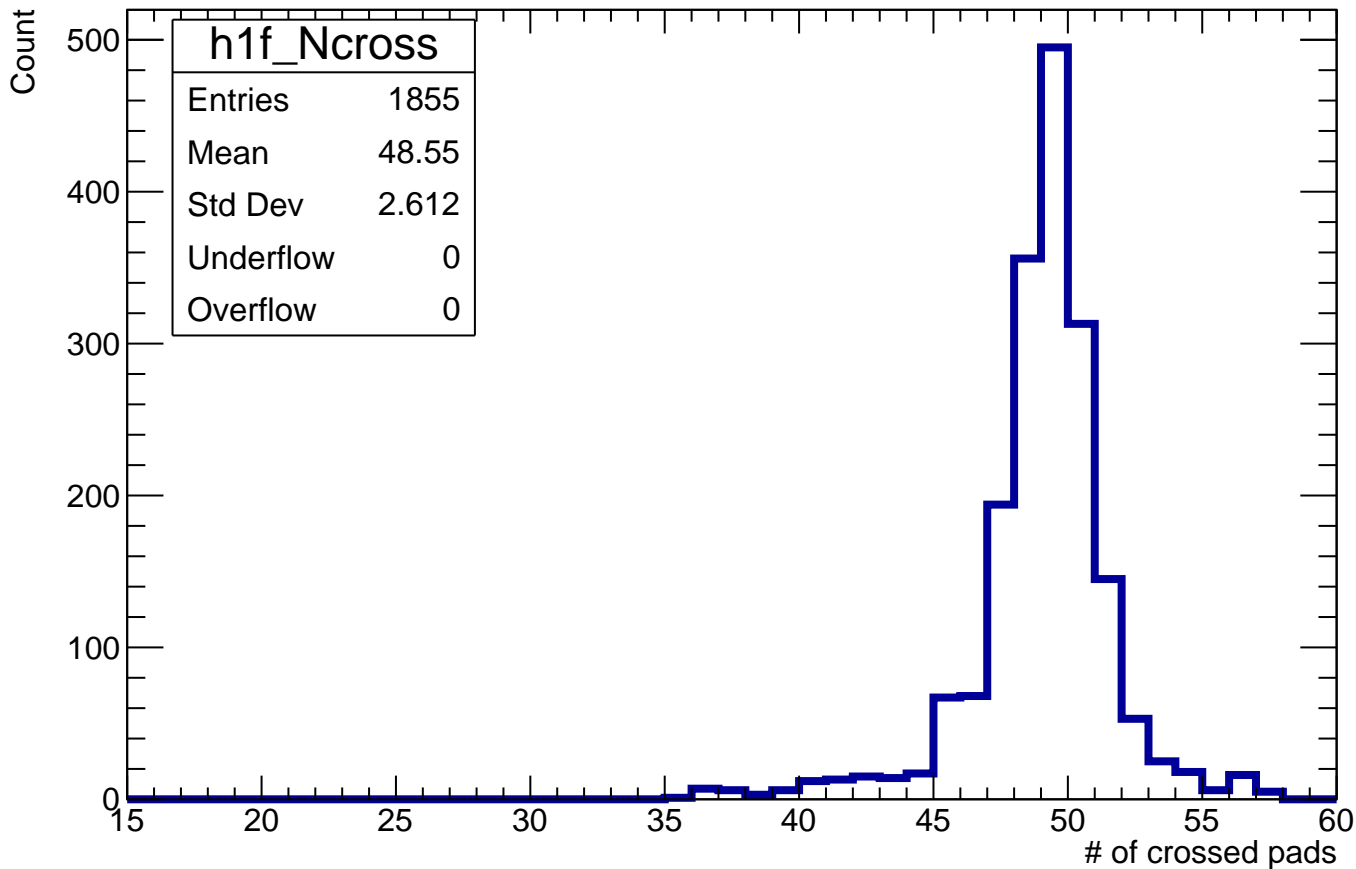


# $T_{\max}$ of crossed pads

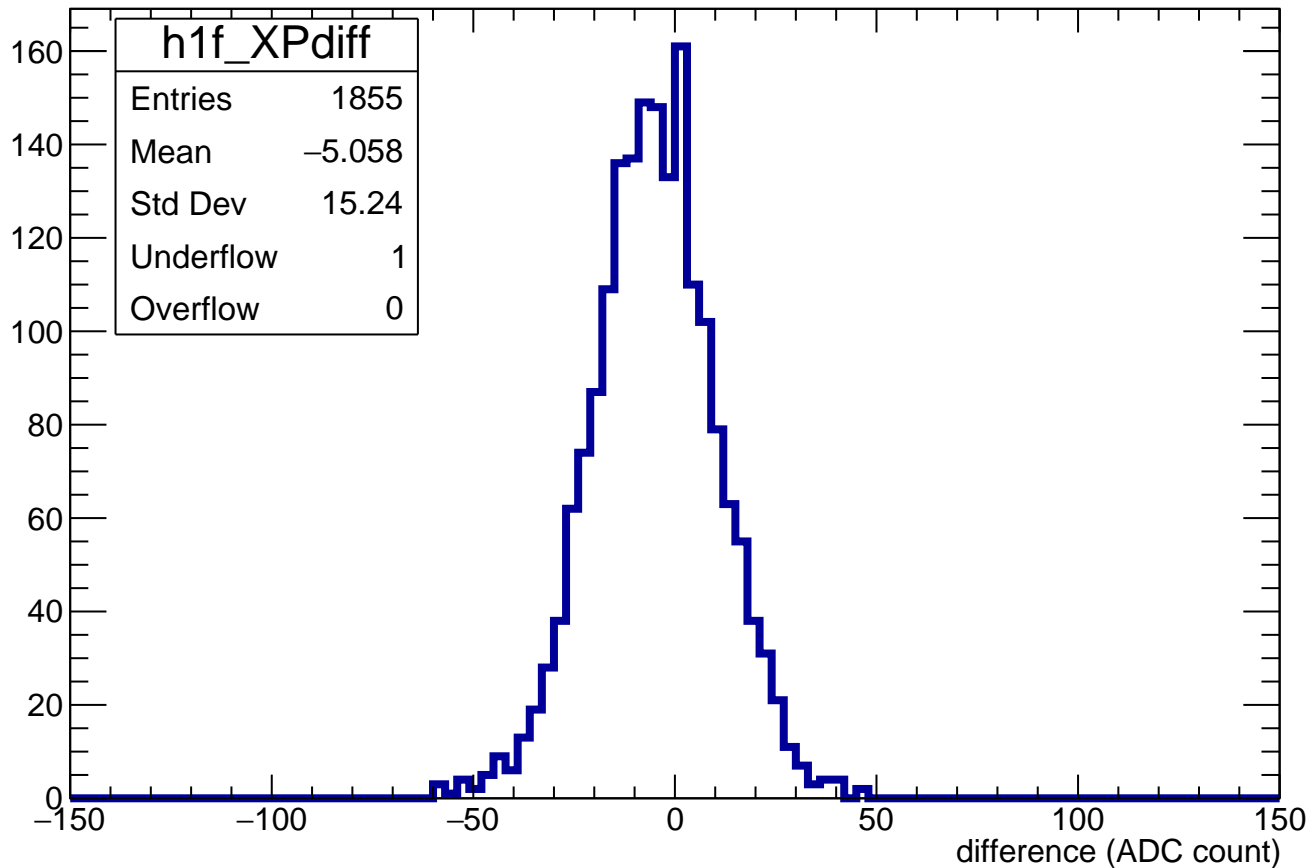


# Number of crossed pads

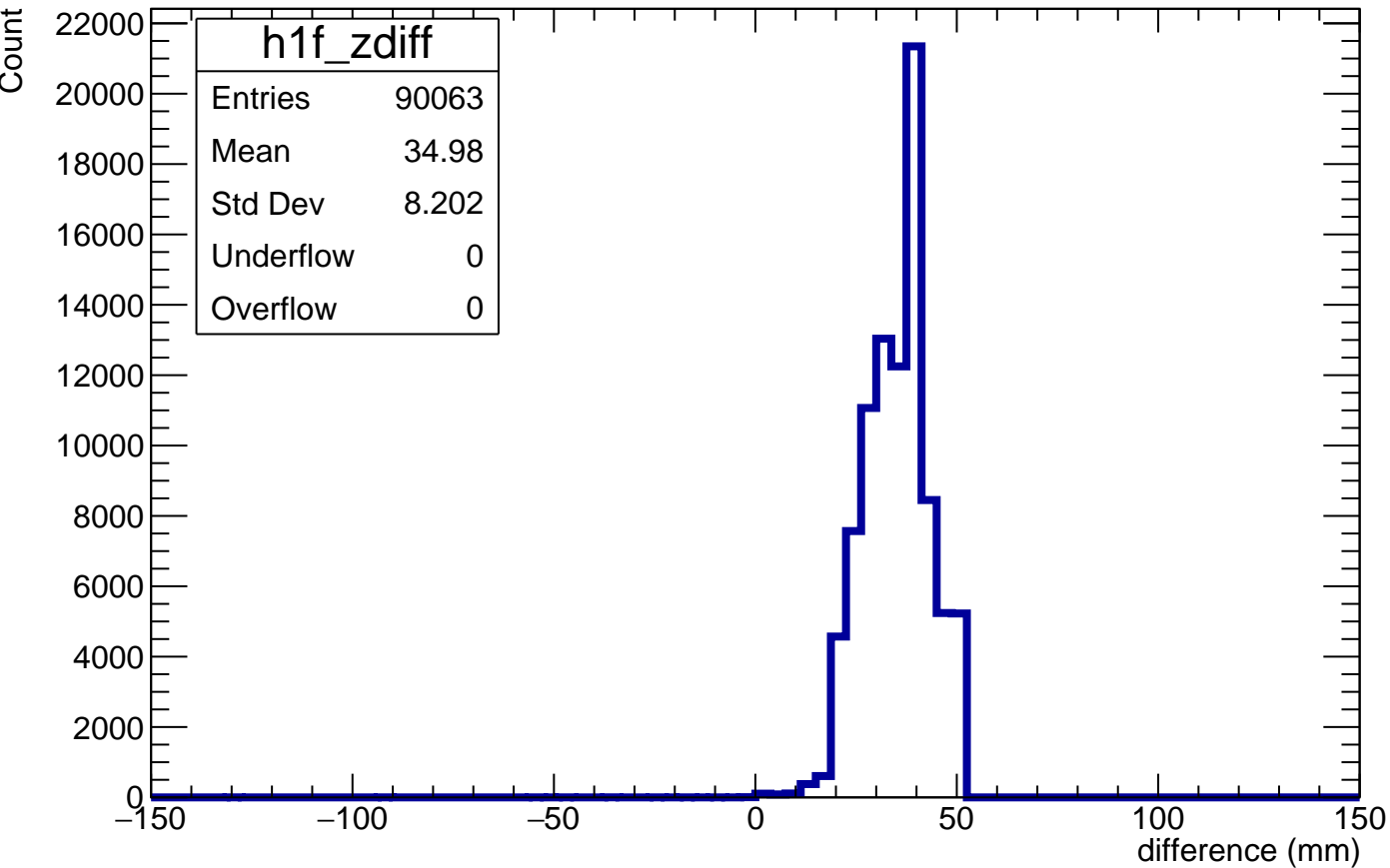


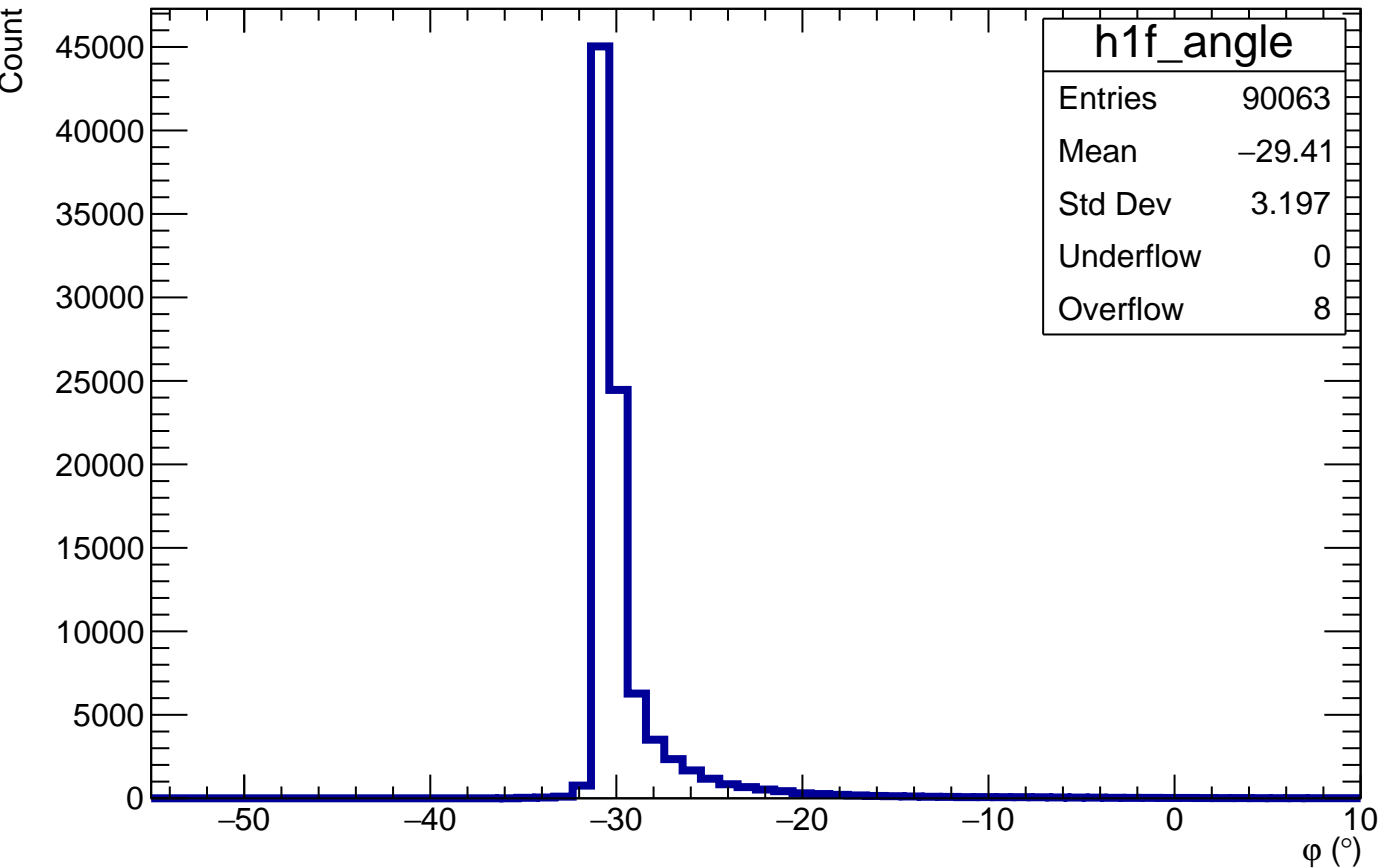
$$\Sigma(Q)/\Sigma(\text{length}) - \text{mean}\{Q/\text{length}\}$$

Count

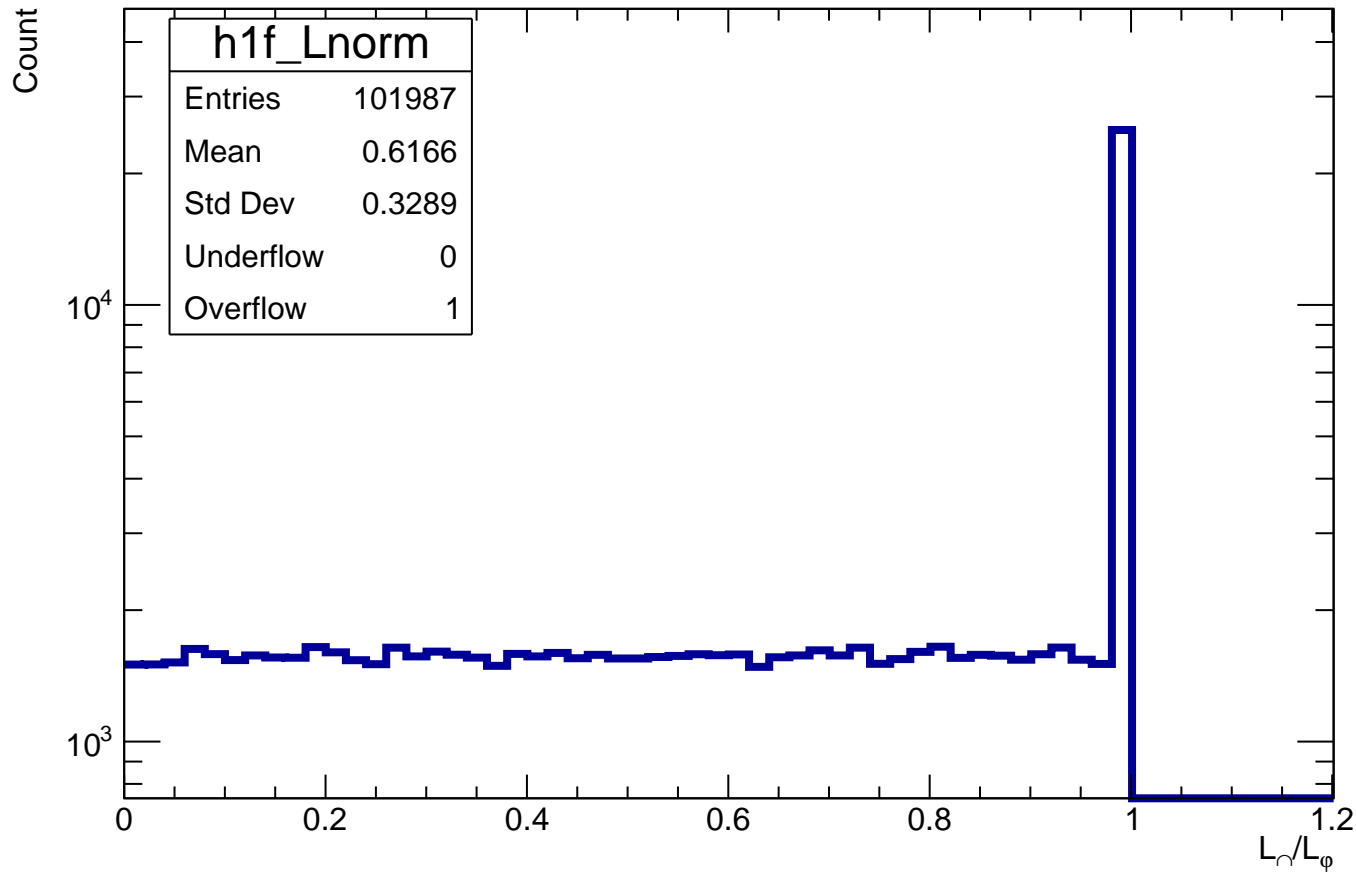


$$Z_{\text{file}} = 50\text{mm} - Z_{\text{computed}}$$

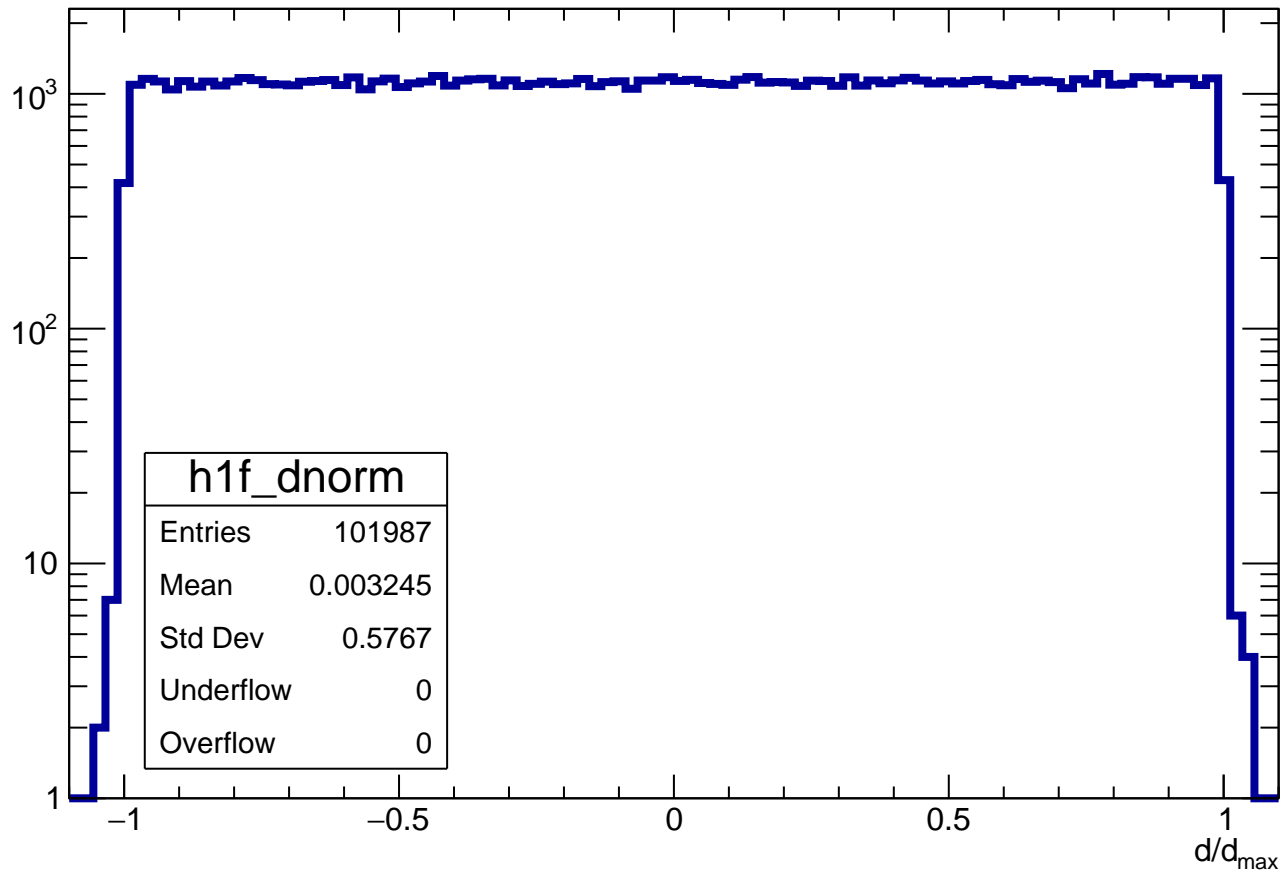


Angle  $\phi$  in each pad

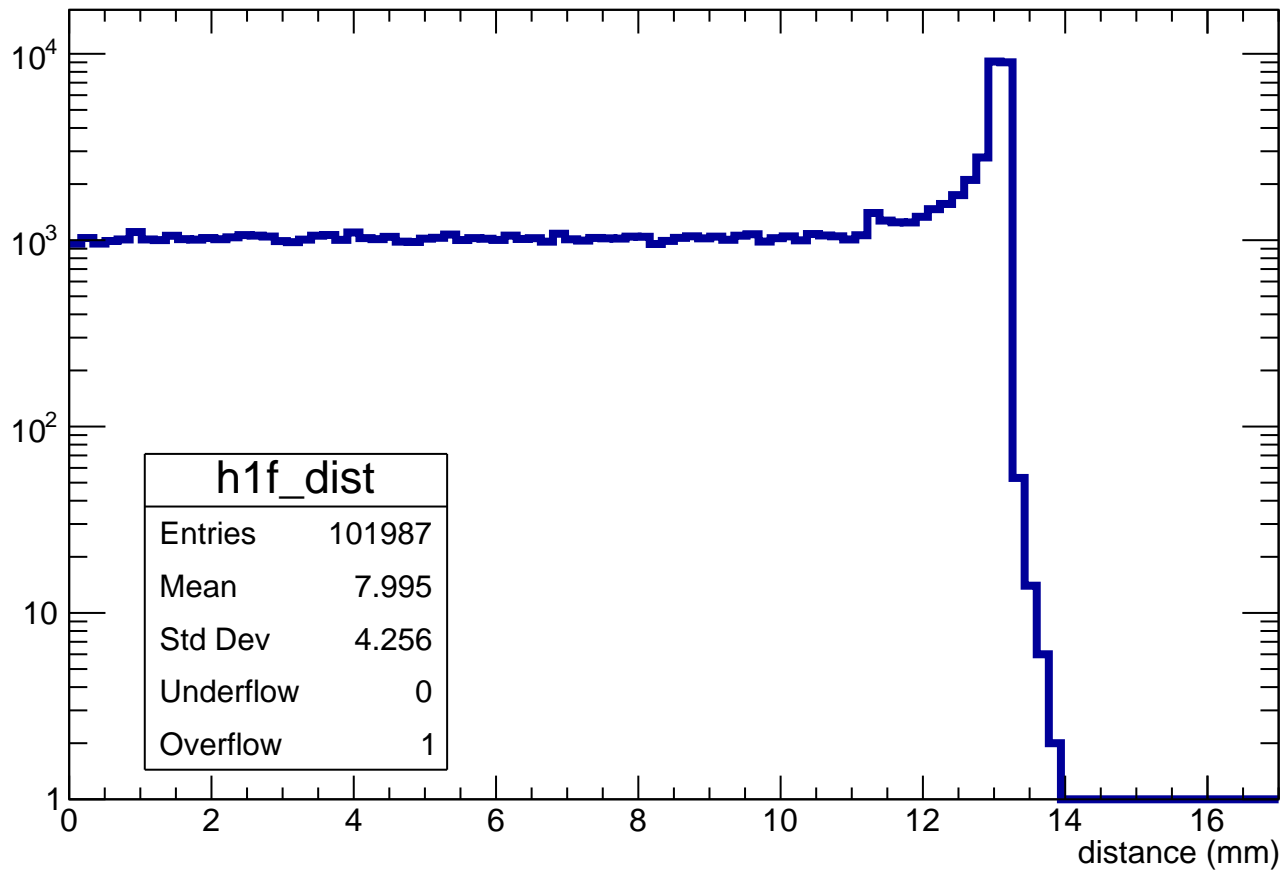
Length in pad normalized to maximum length in pad for a given  $\phi$



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

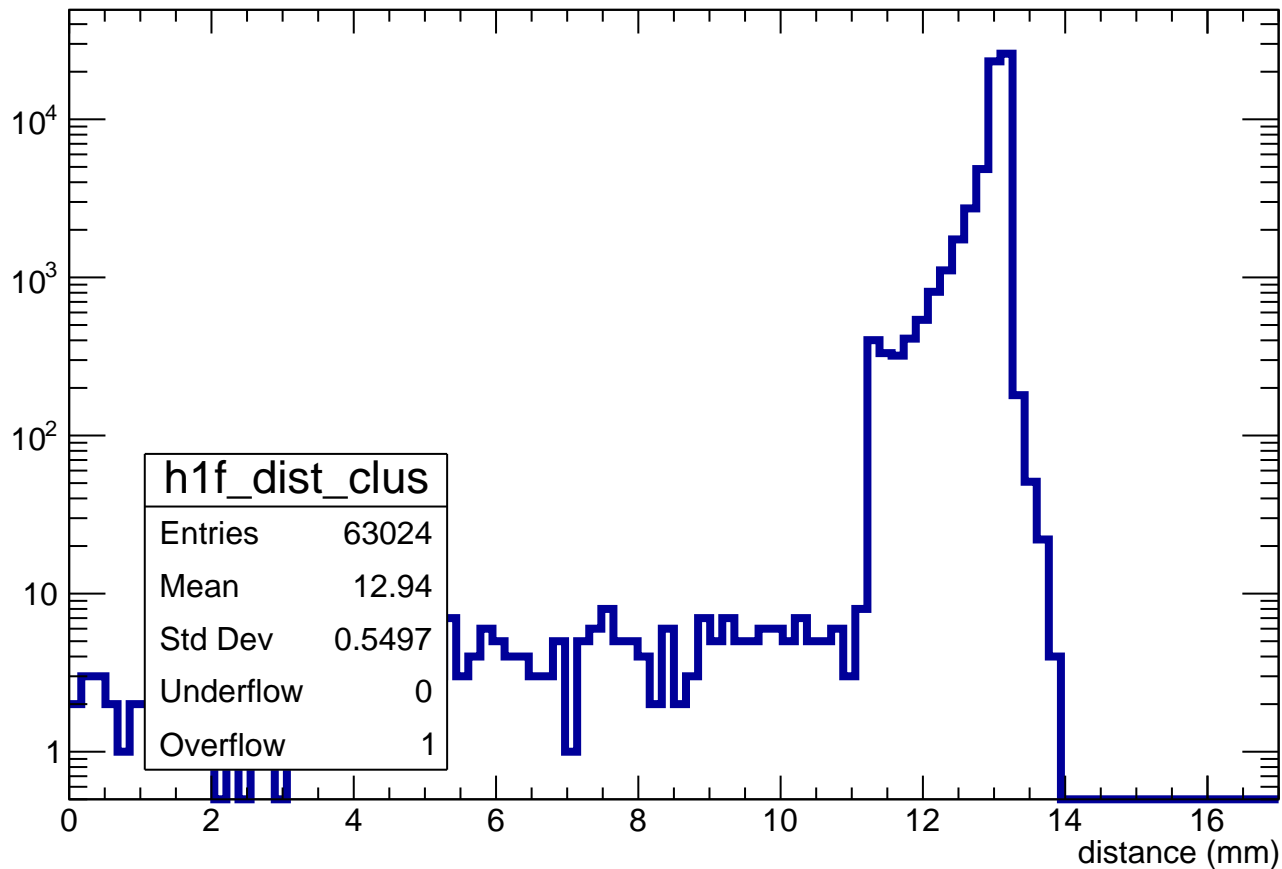


# distance of track in pad

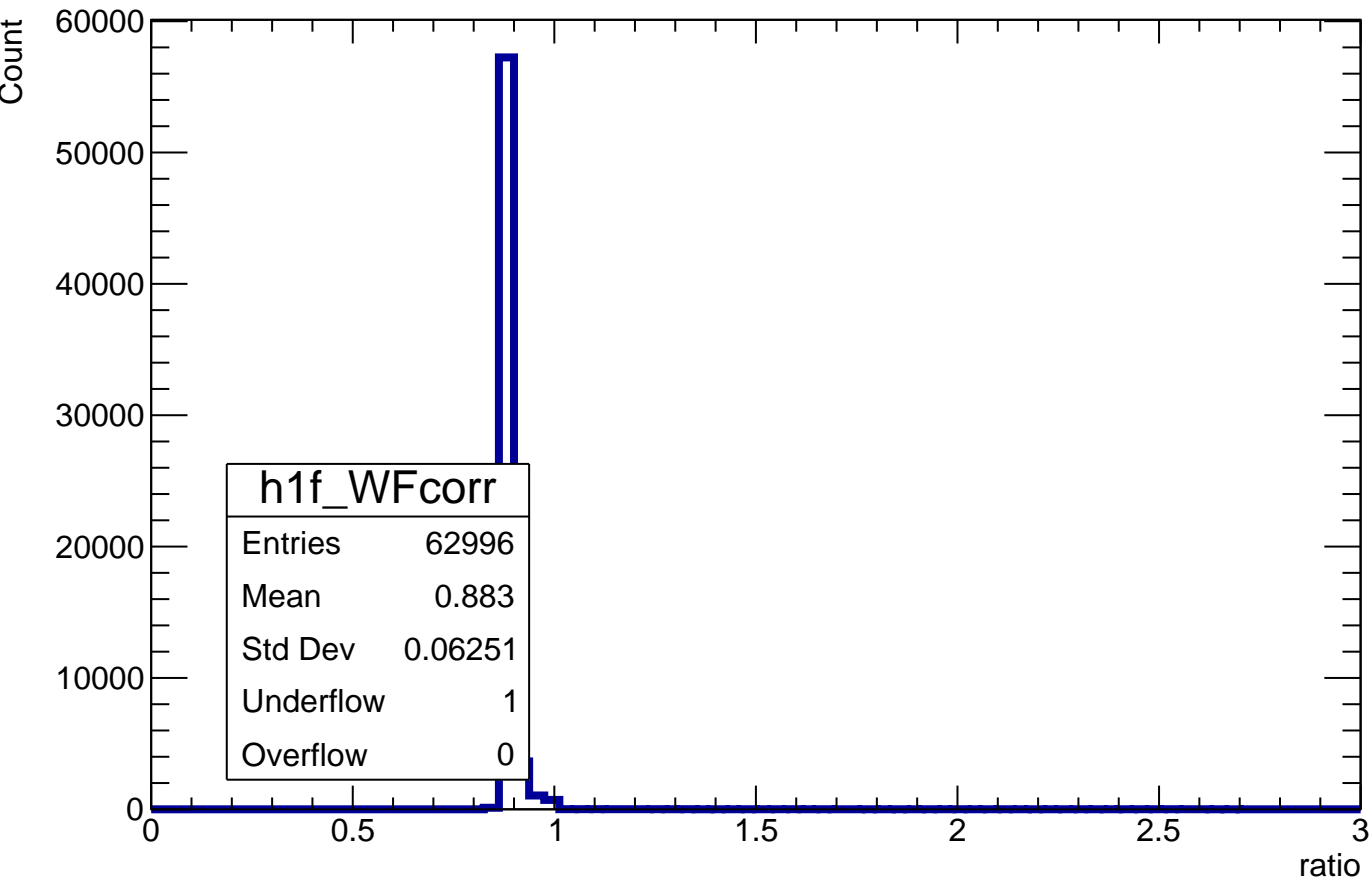




distance of track in cluster

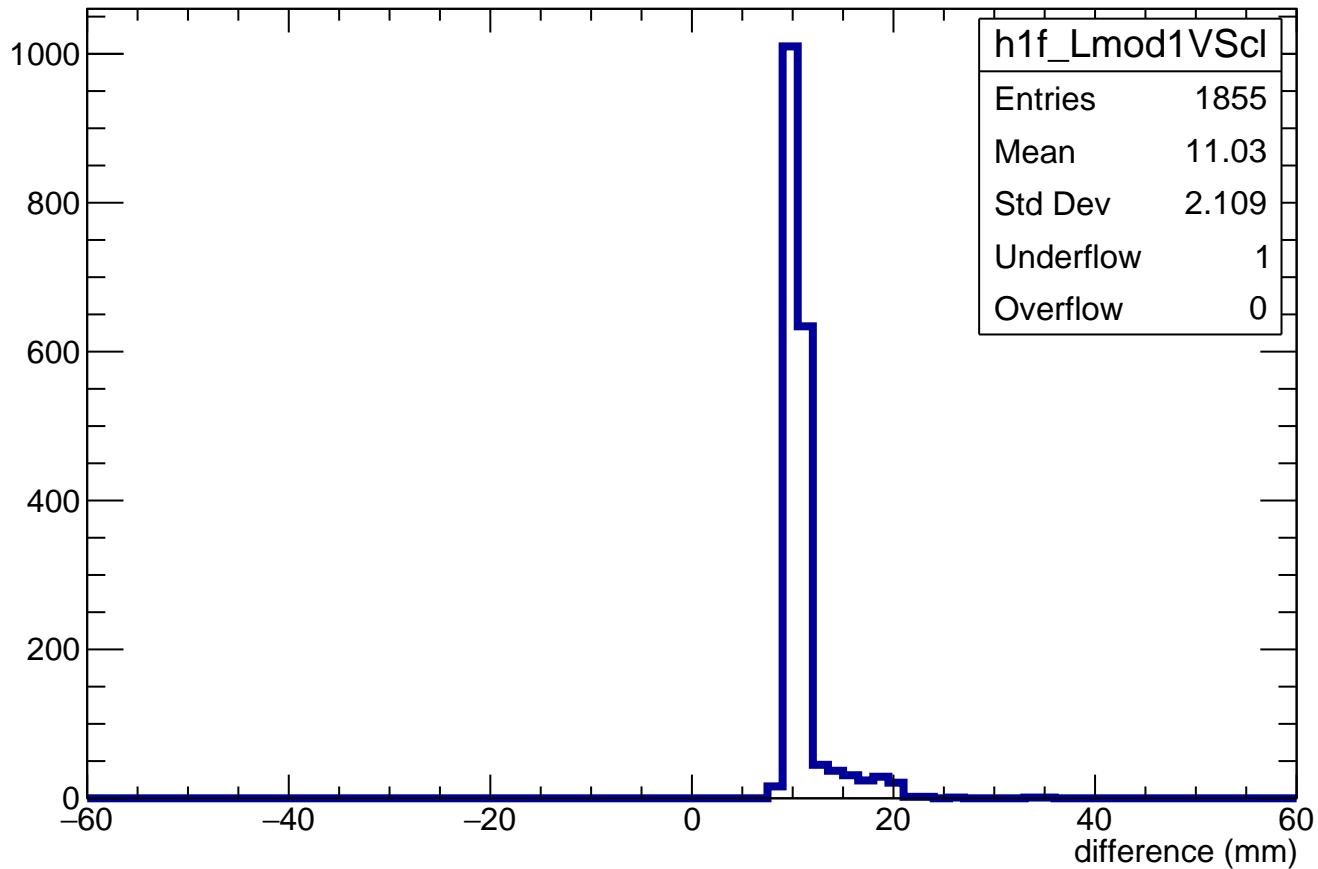


# Correction $A_{\text{max}}$ ratio



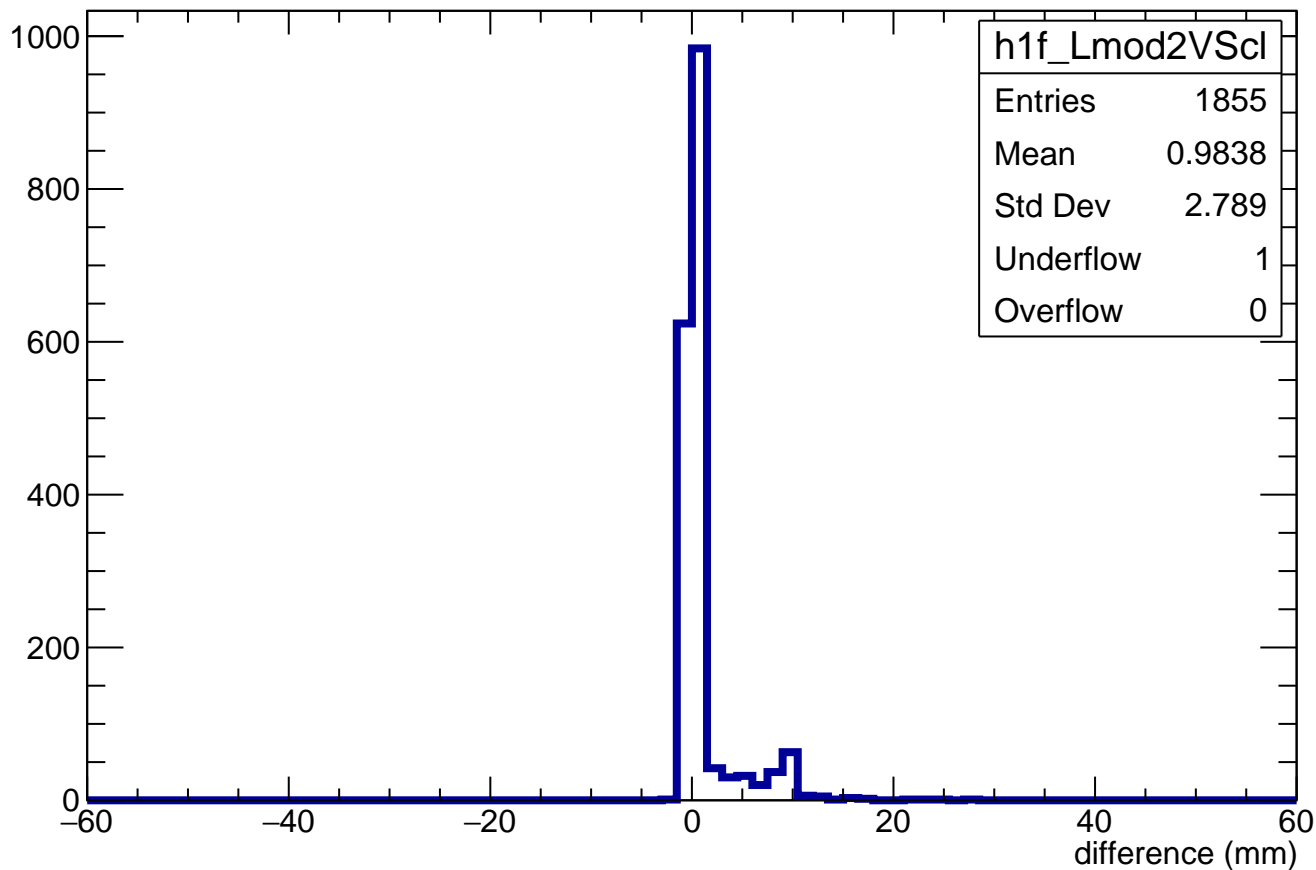
$$L_{\text{ERAM}}^{*0.7} - \Sigma L_{\text{clus}>2\text{mm}}$$

Count



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

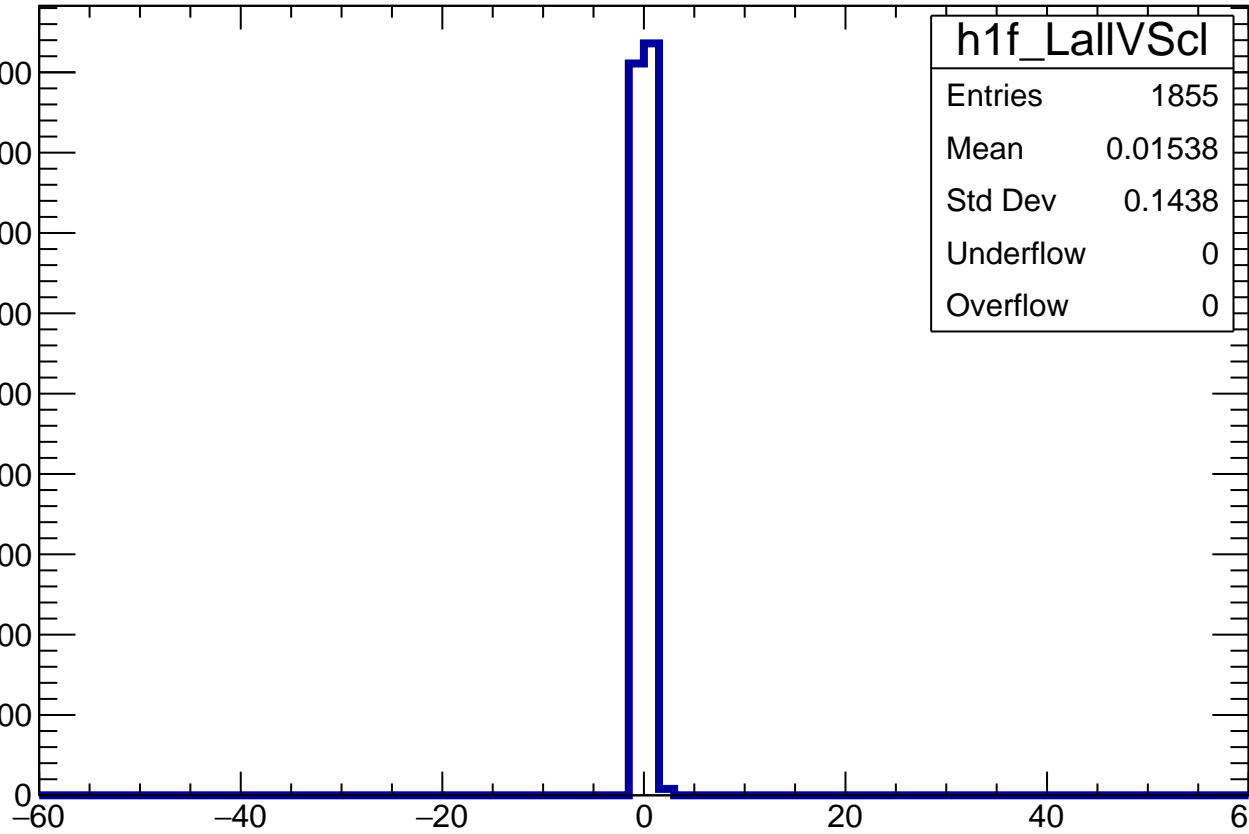
Count



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

Count

900  
800  
700  
600  
500  
400  
300  
200  
100  
0

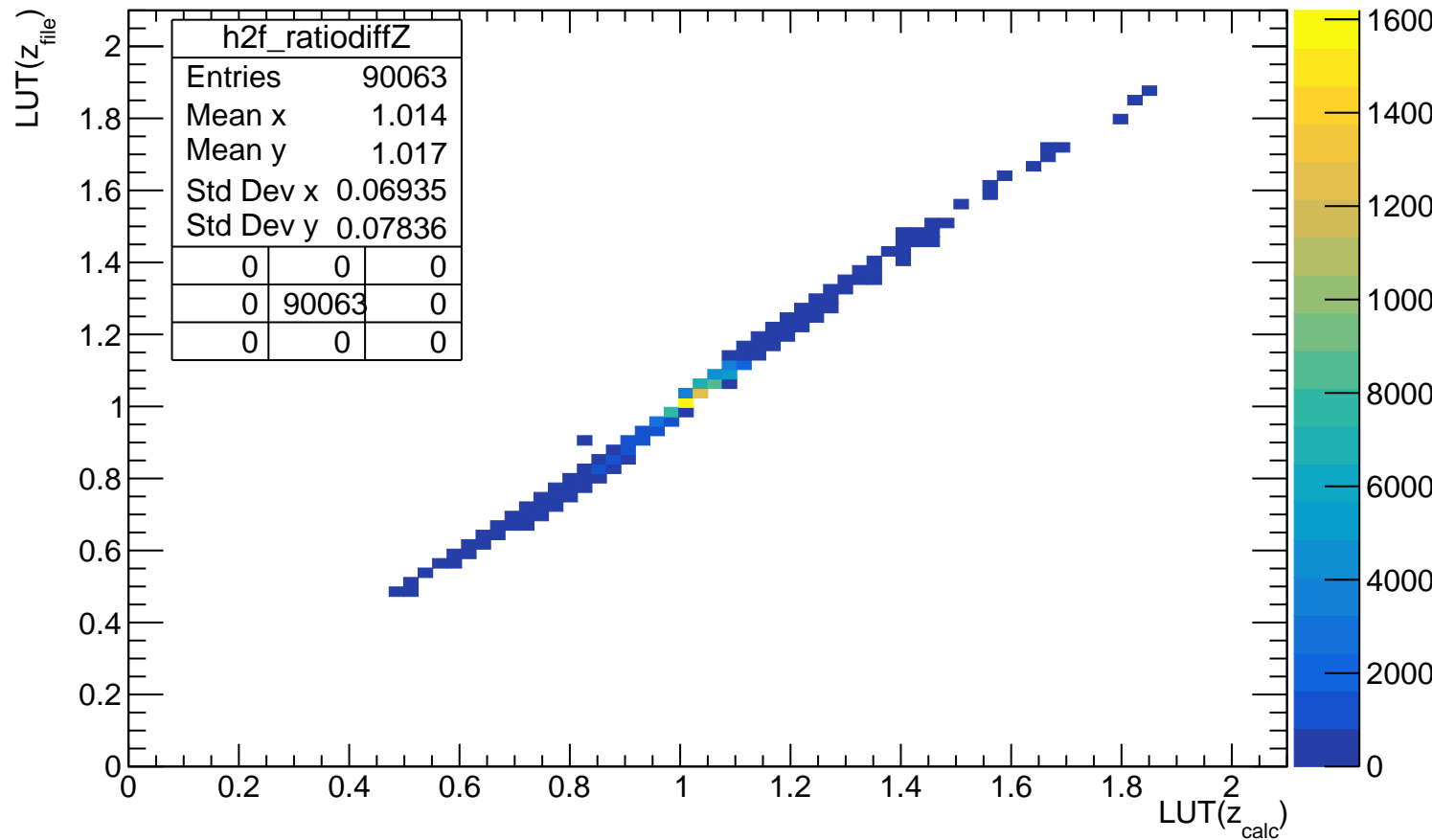


h1f\_LallVScI

Entries	1855
Mean	0.01538
Std Dev	0.1438
Underflow	0
Overflow	0

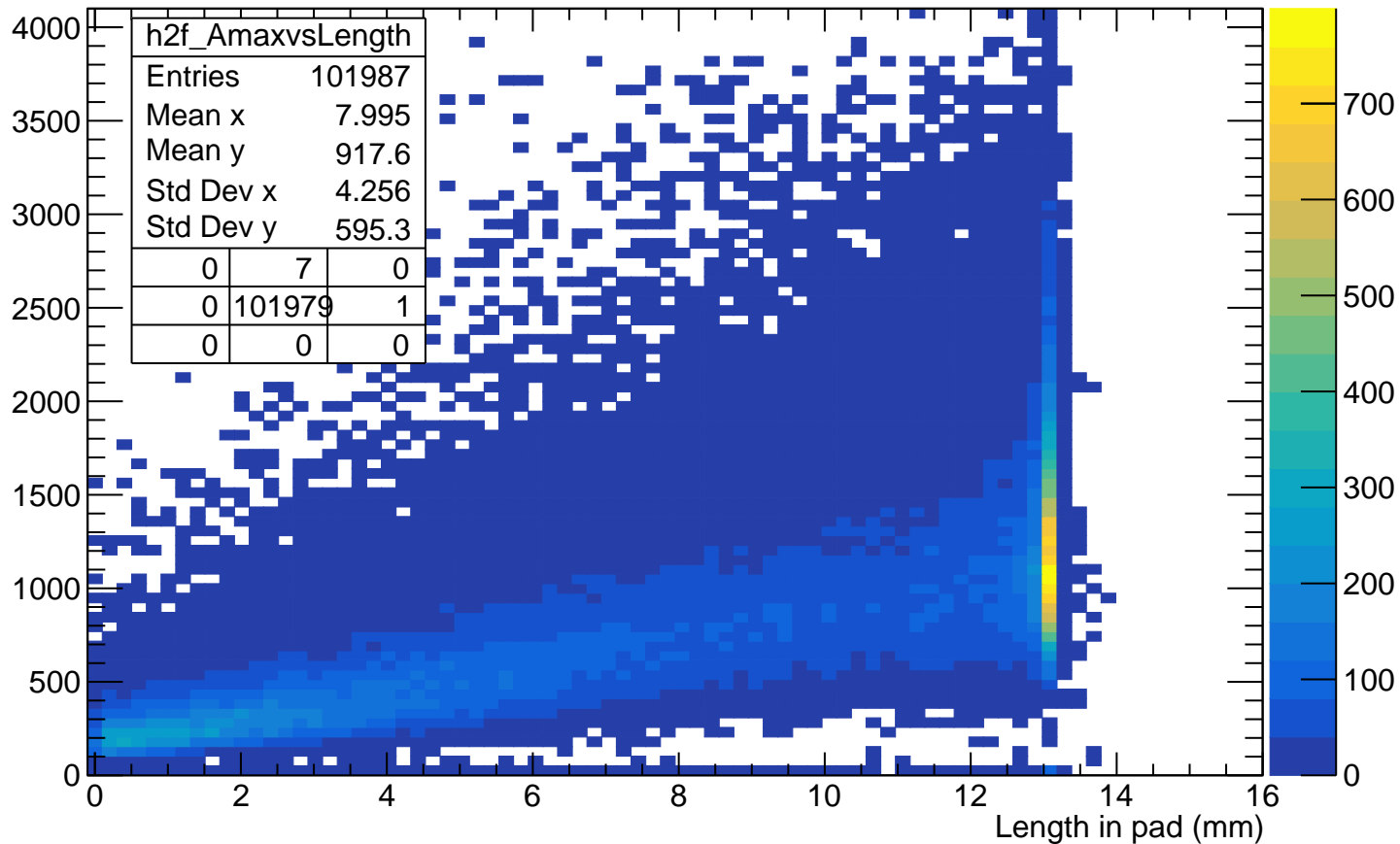
difference (mm)

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

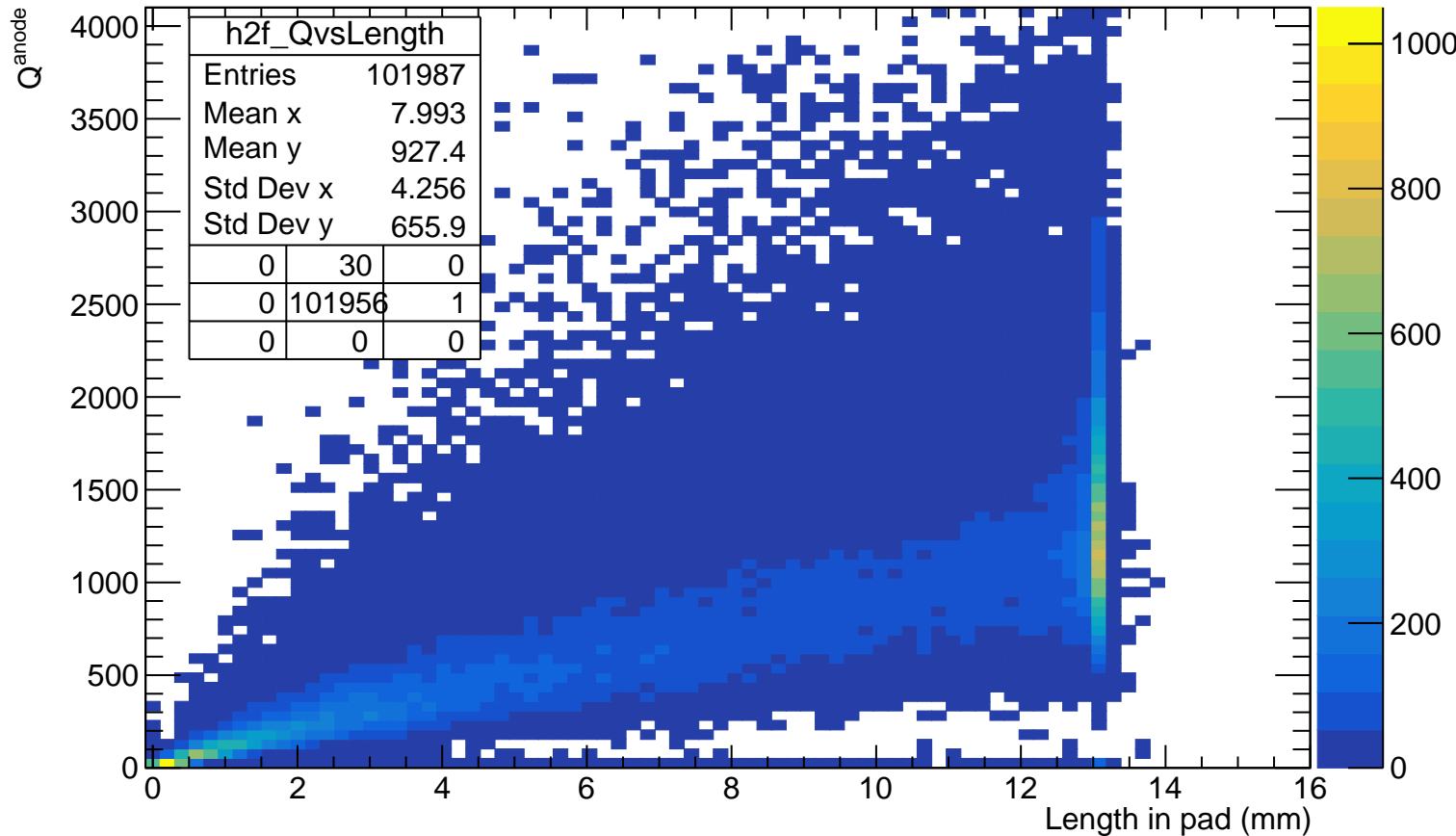


# ADC<sub>max</sub> VS length in pad (before length cut)

ADC<sub>max</sub>

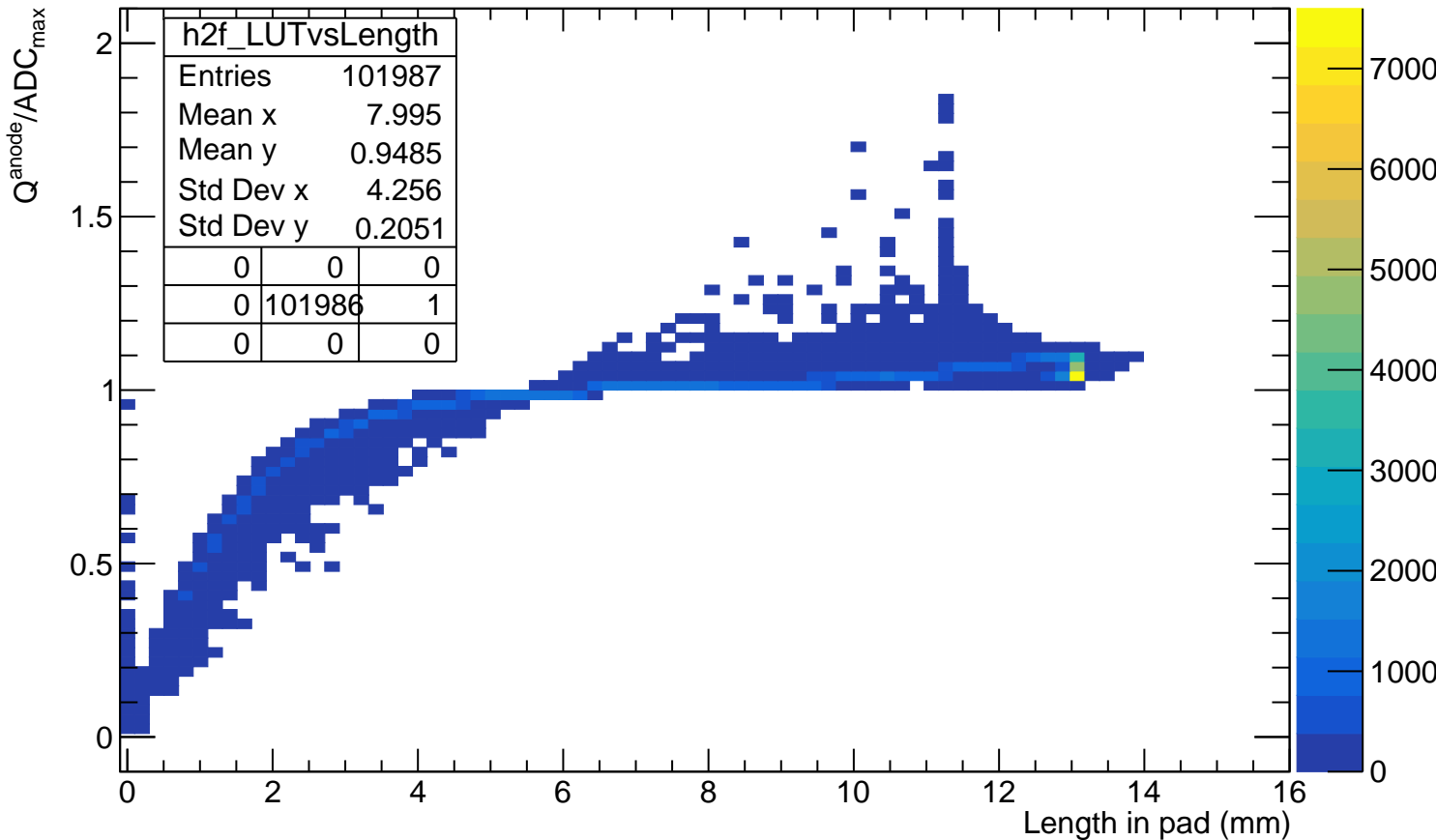


# $Q^{\text{anode}}$ VS length in pad (before length cut)

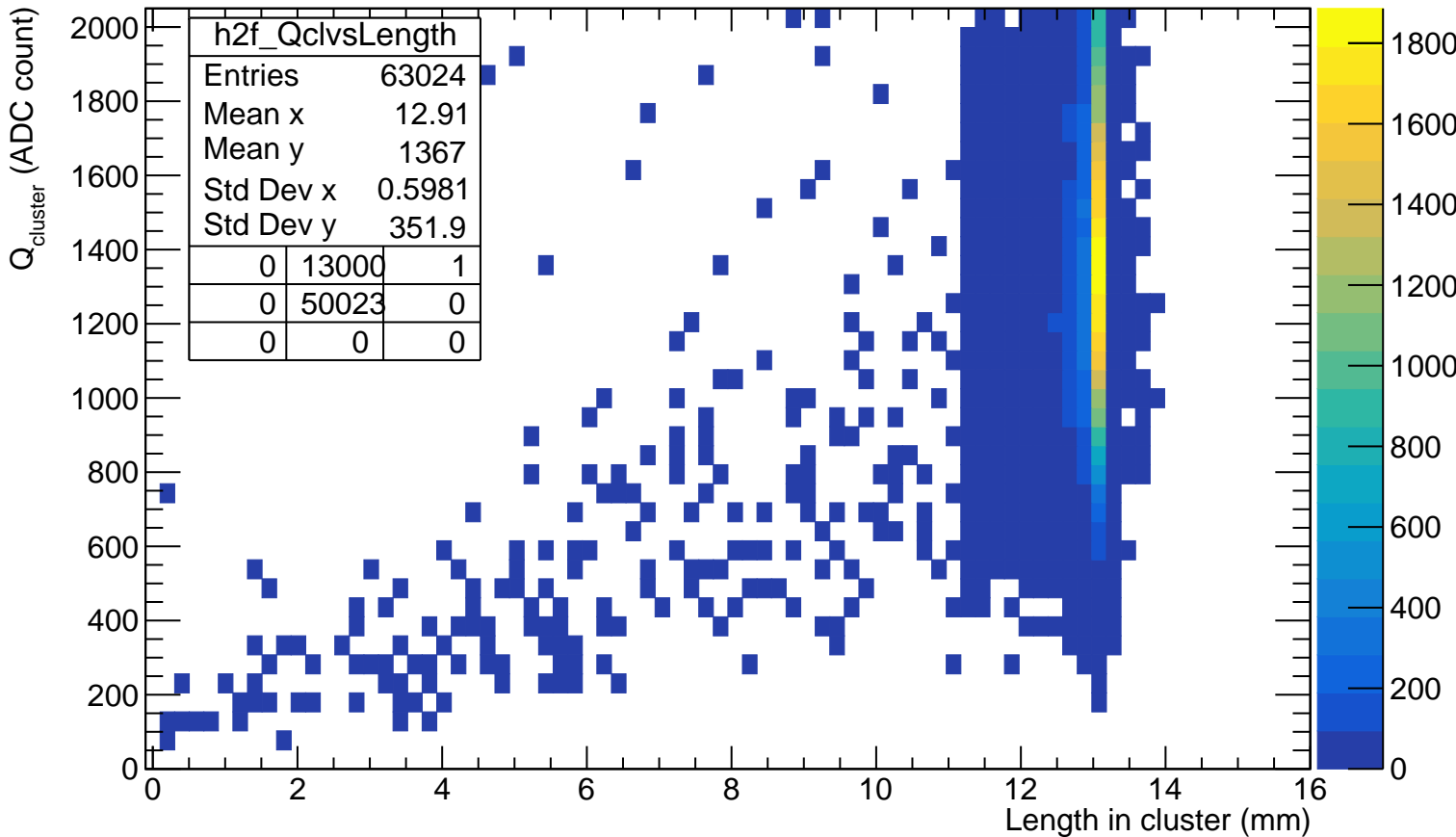




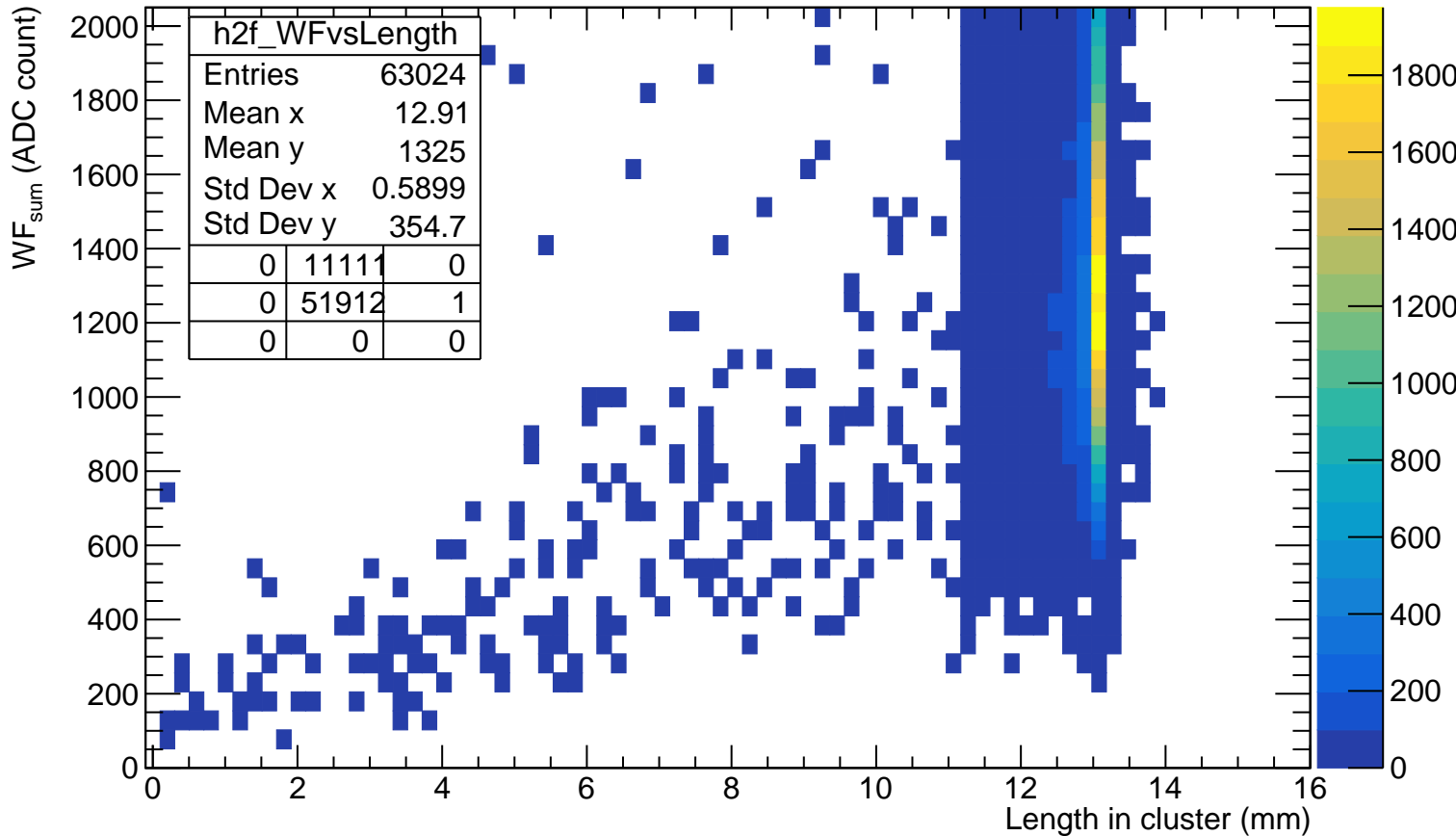
$Q^{\text{anode}}/\text{ADC}_{\text{max}}$  VS length in pad (before length cut)



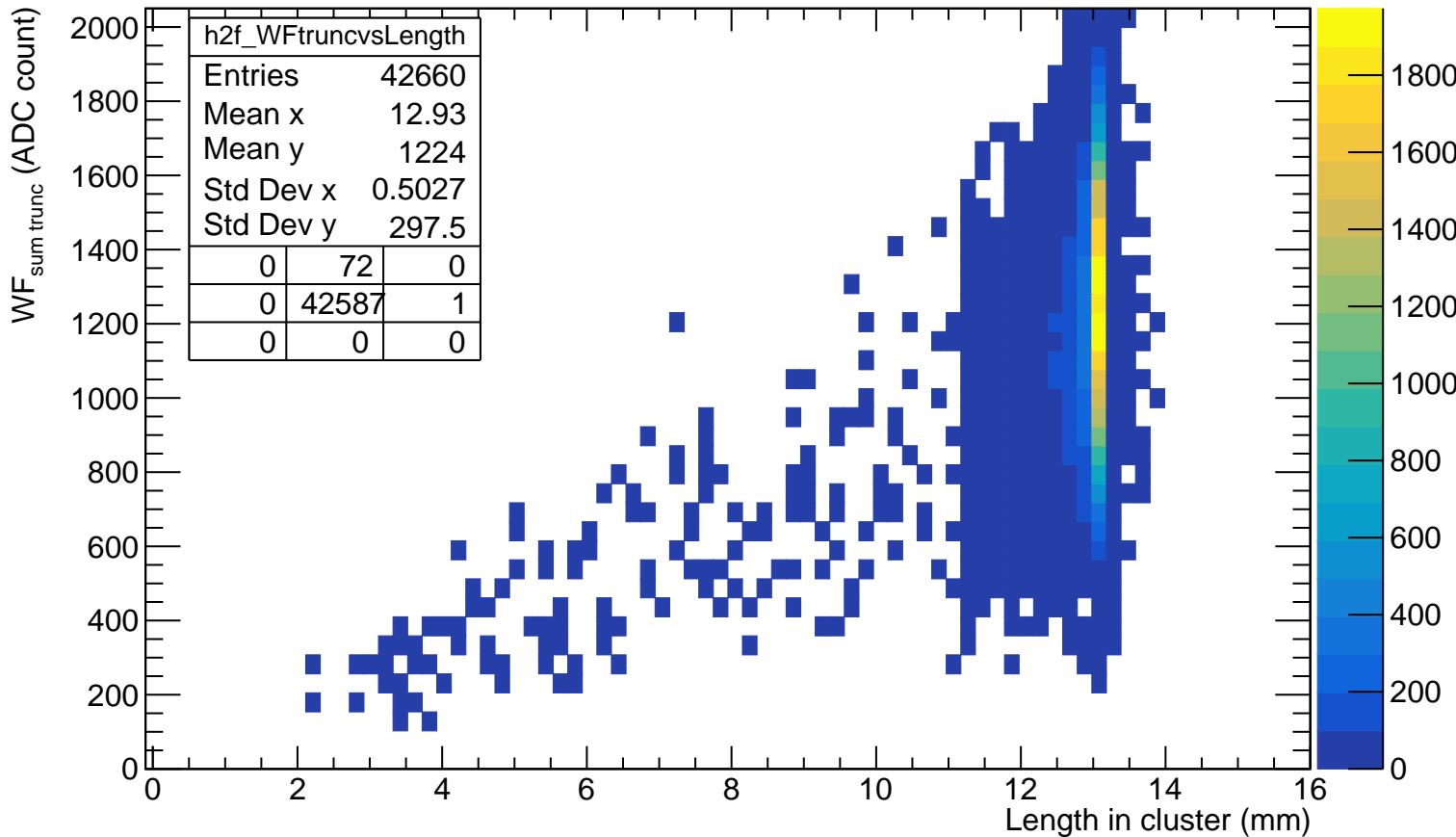
# $Q_{\text{cluster}}$ VS length in cluster



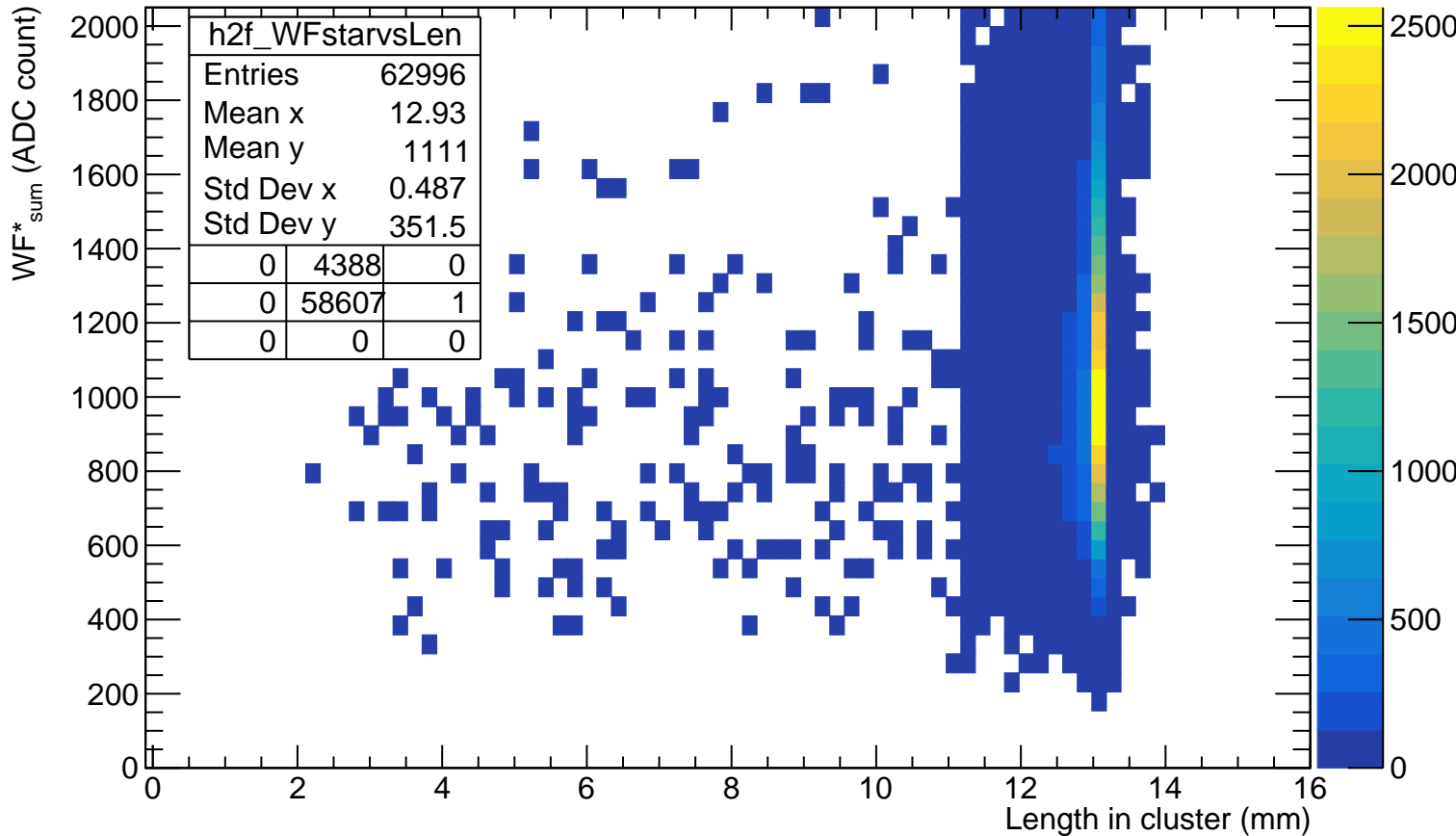
# WF<sub>sum</sub> VS length in cluster



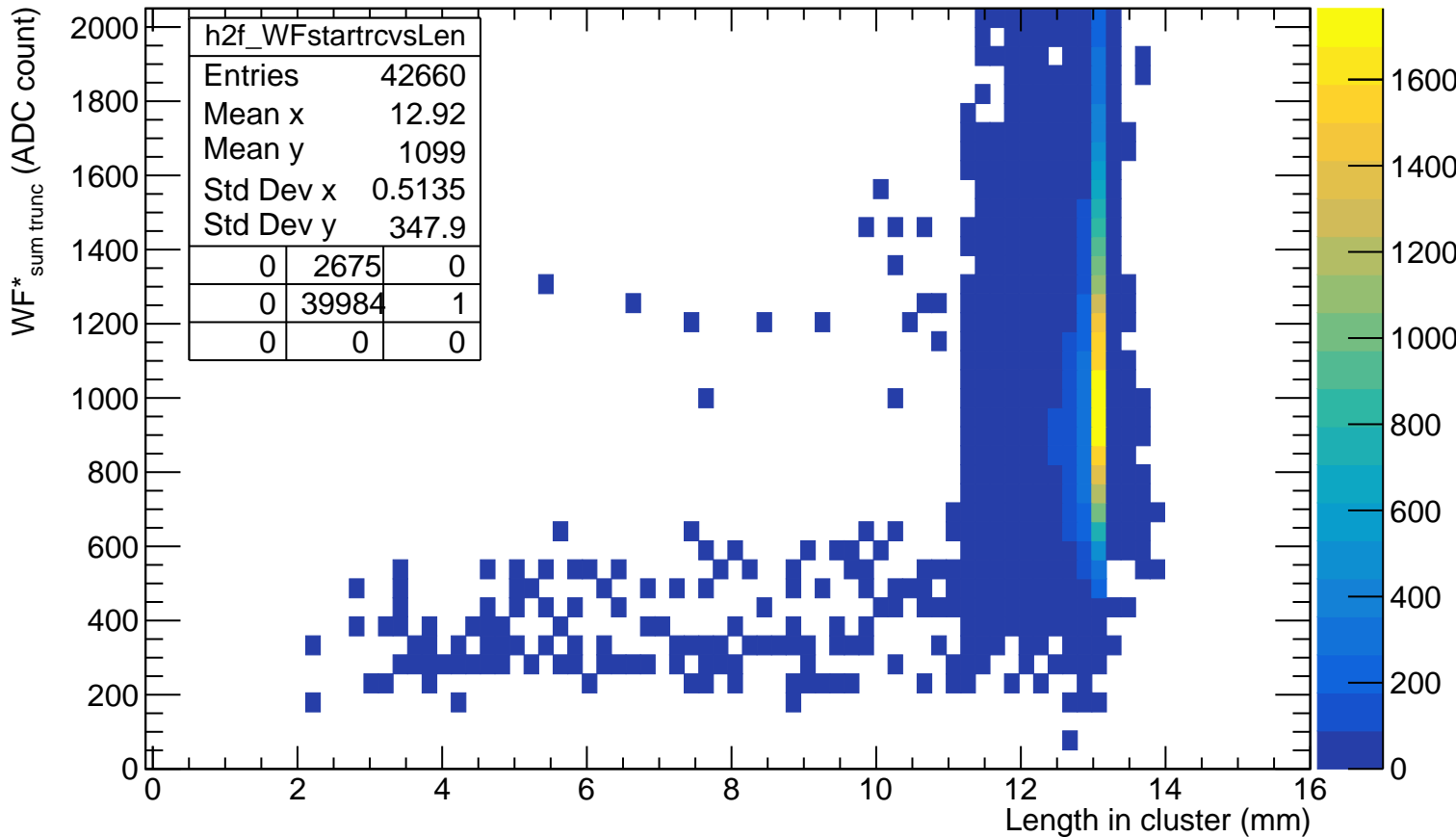
# WF<sub>sum truncated</sub> VS length in cluster



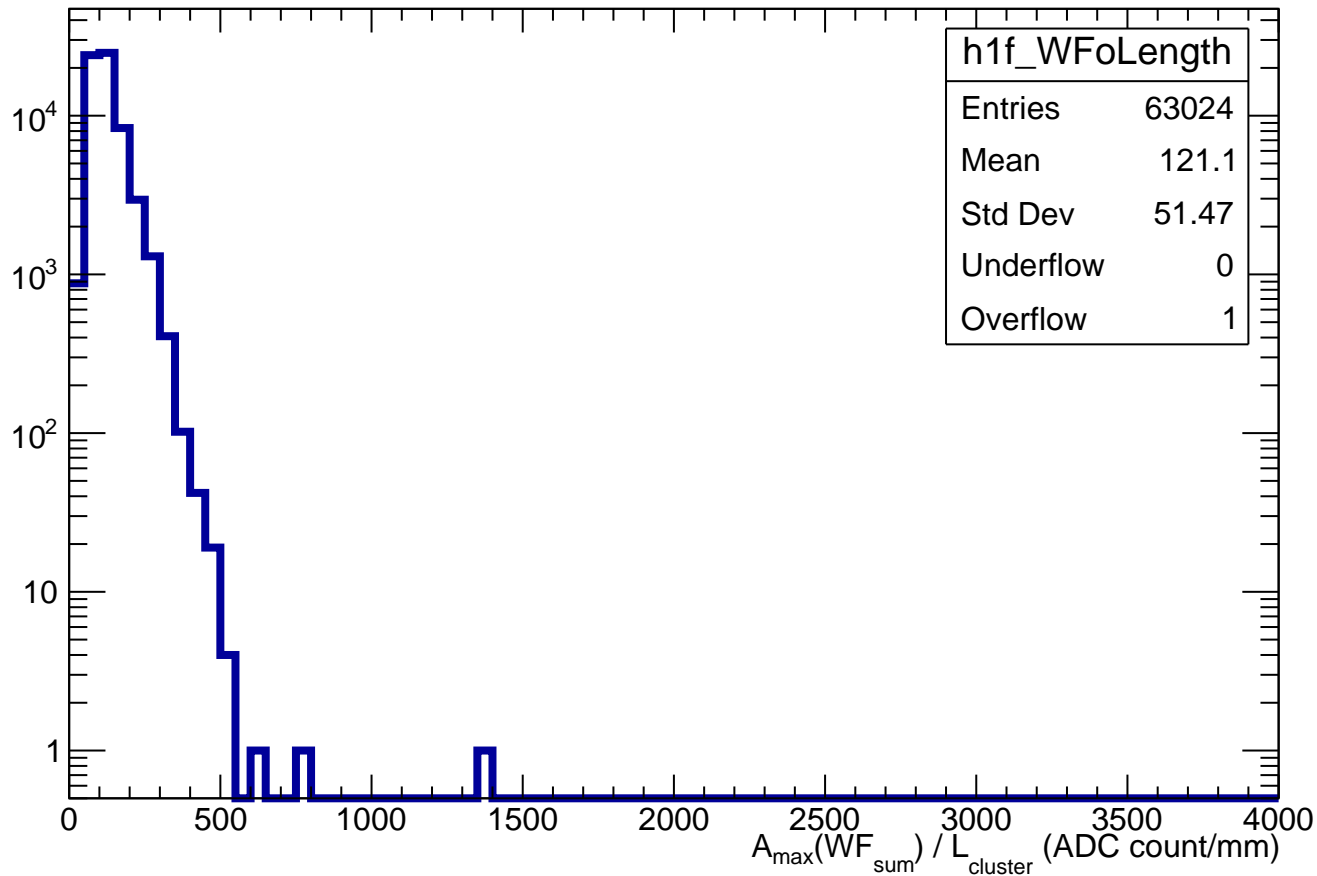
# WF<sub>sum</sub><sup>\*</sup> VS length in cluster



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



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



impact parameter d vs length in pad

