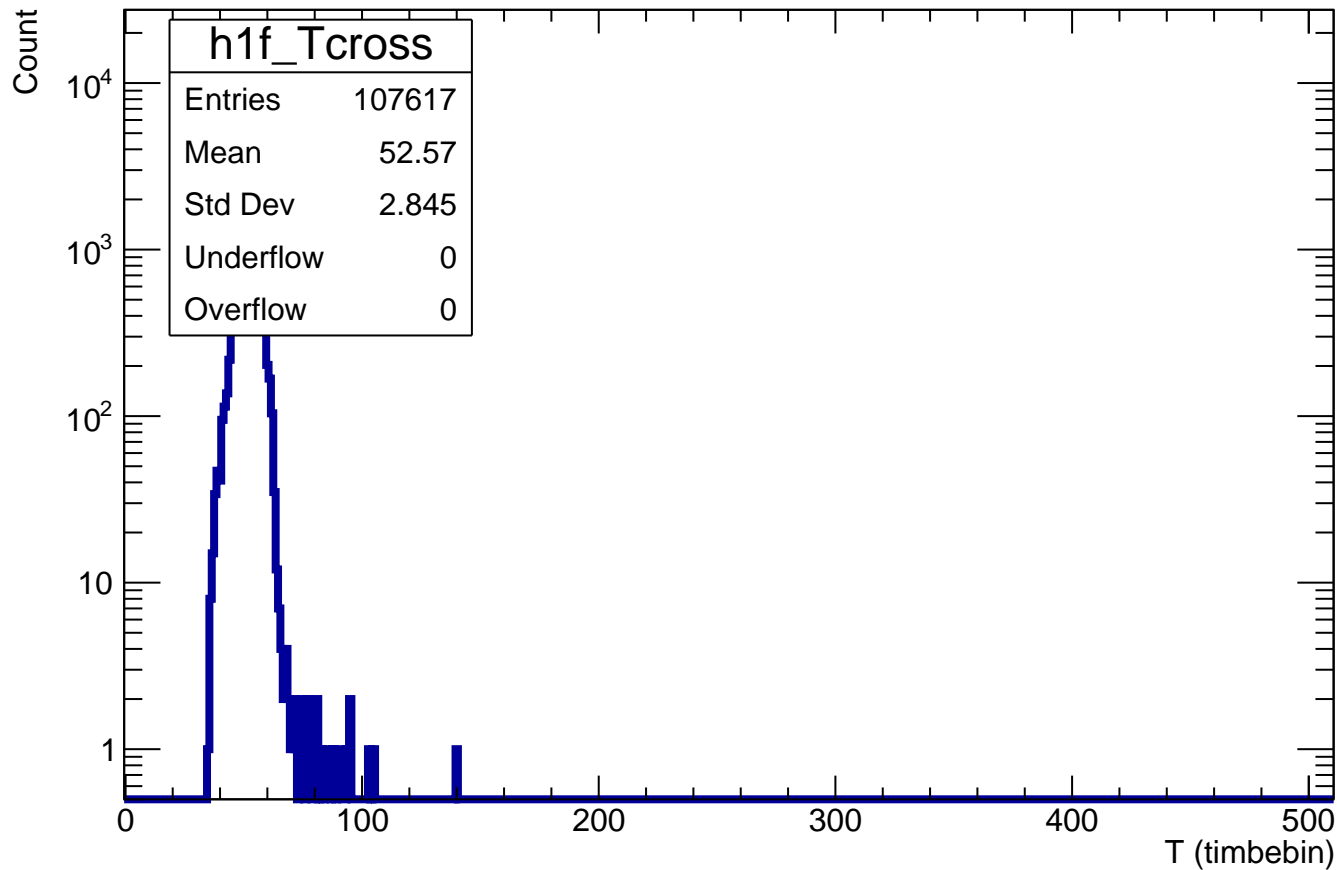
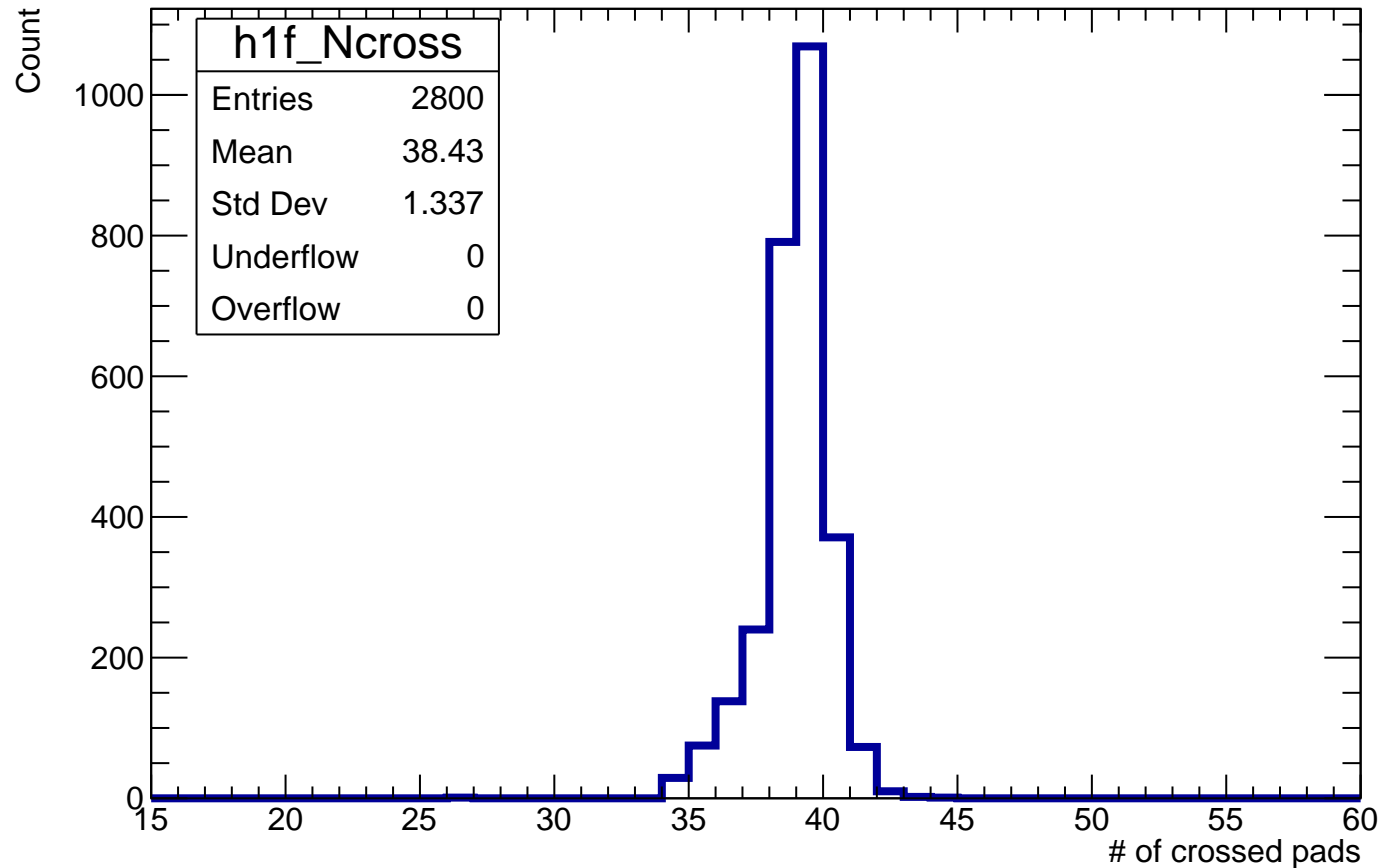


# $T_{\max}$ of crossed pads

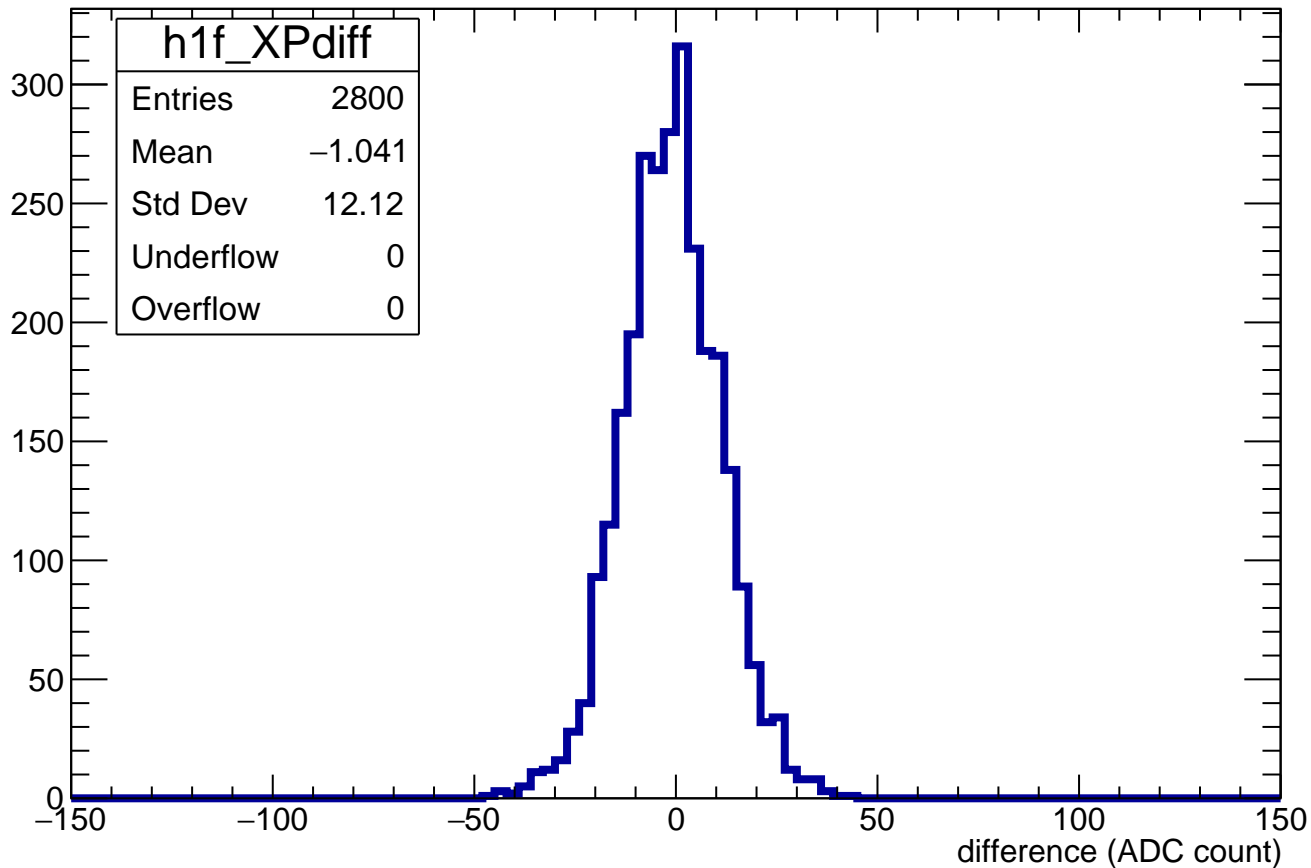


# Number of crossed pads

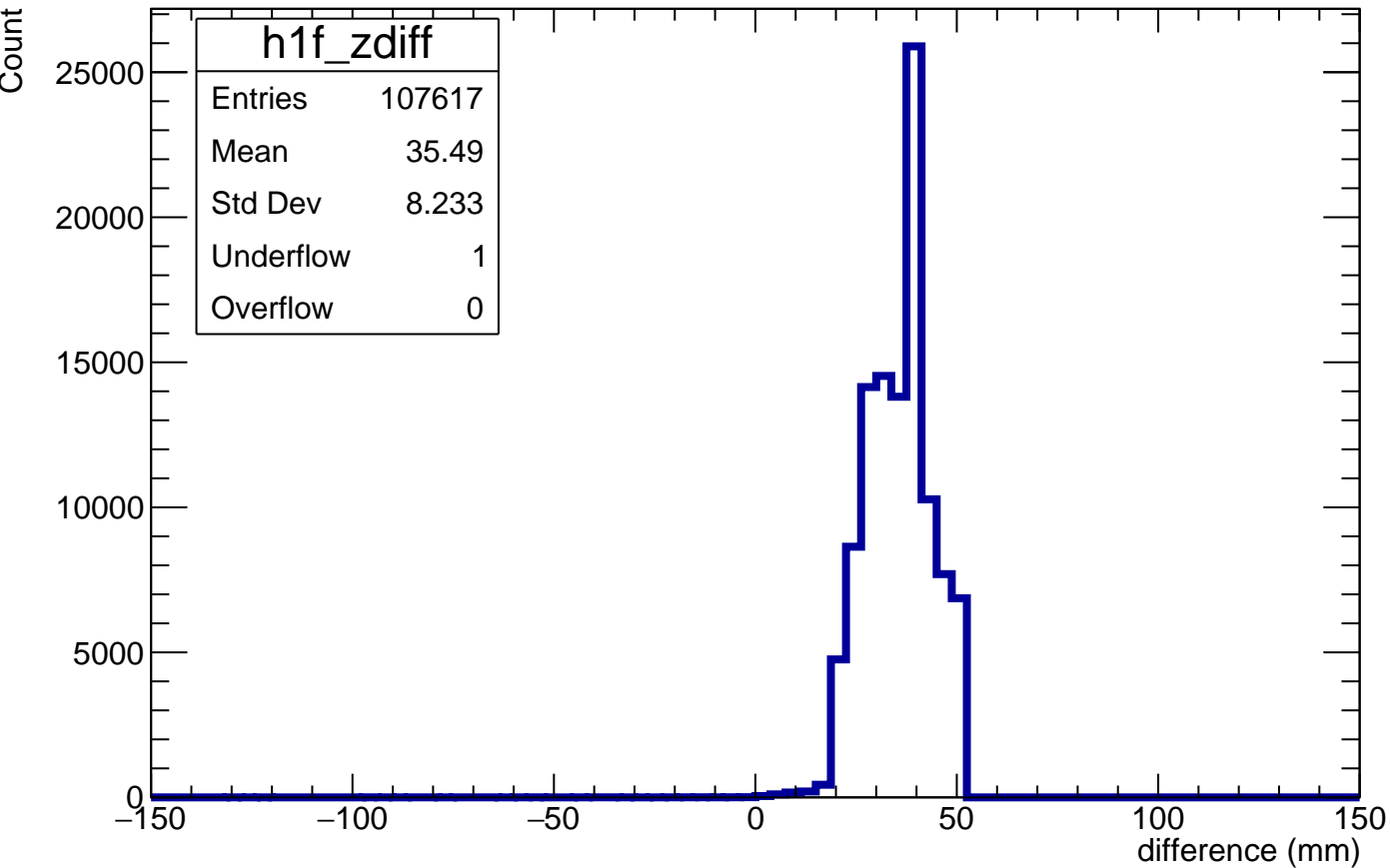


$$\Sigma(Q)/\Sigma(\text{length}) - \text{mean}\{Q/\text{length}_i\}$$

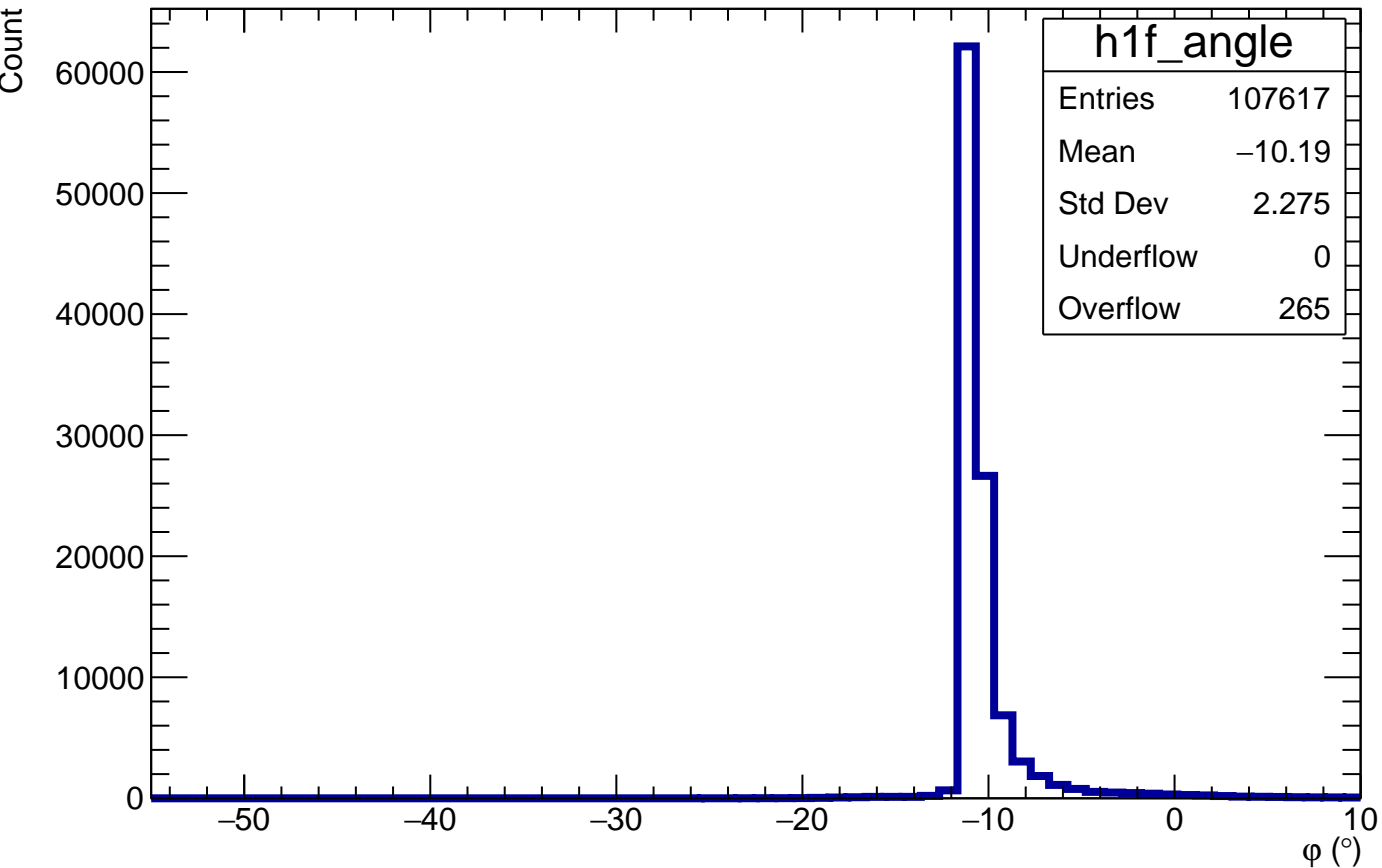
Count



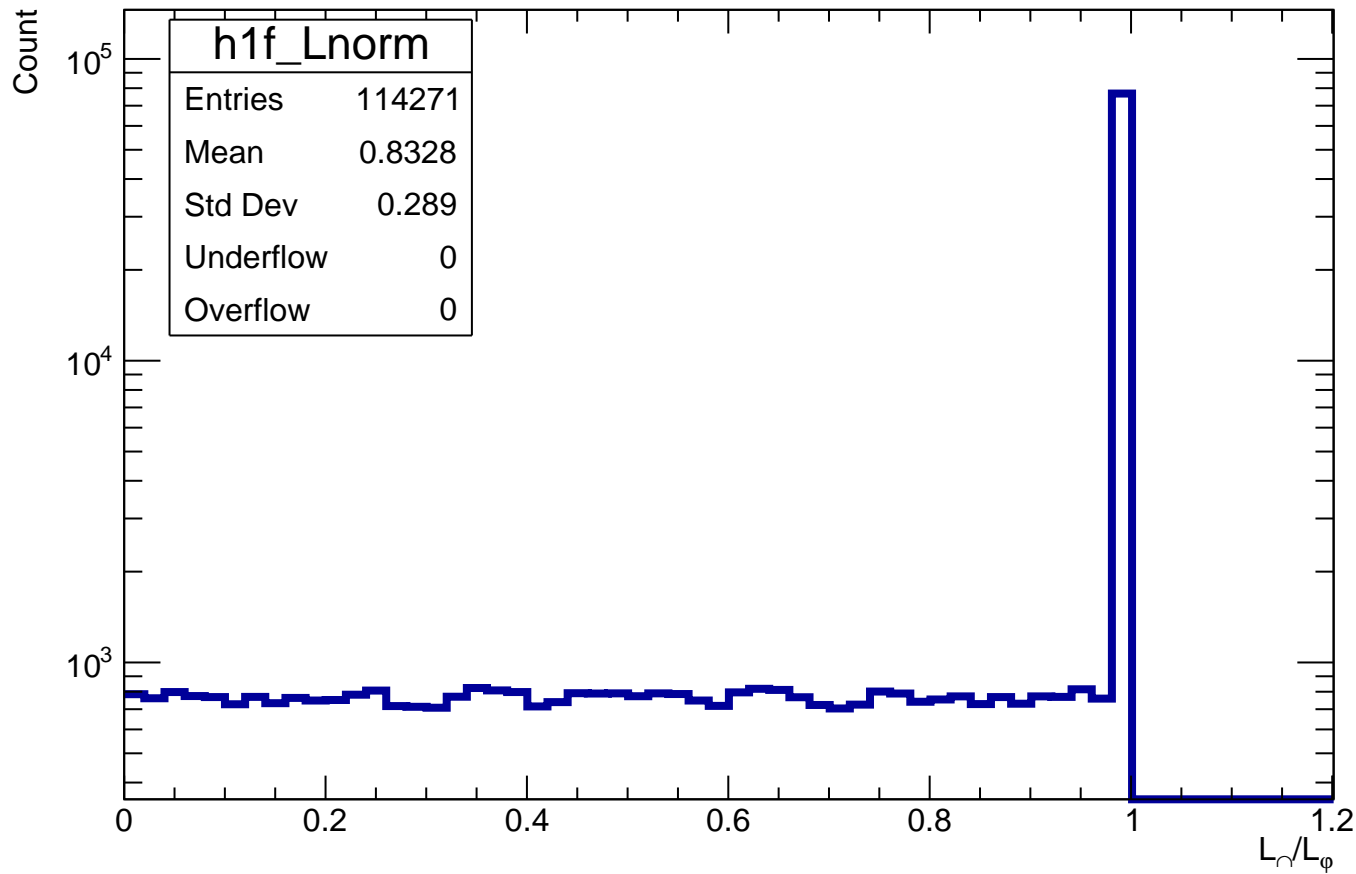
$$Z_{\text{file}} = 50\text{mm} - Z_{\text{computed}}$$



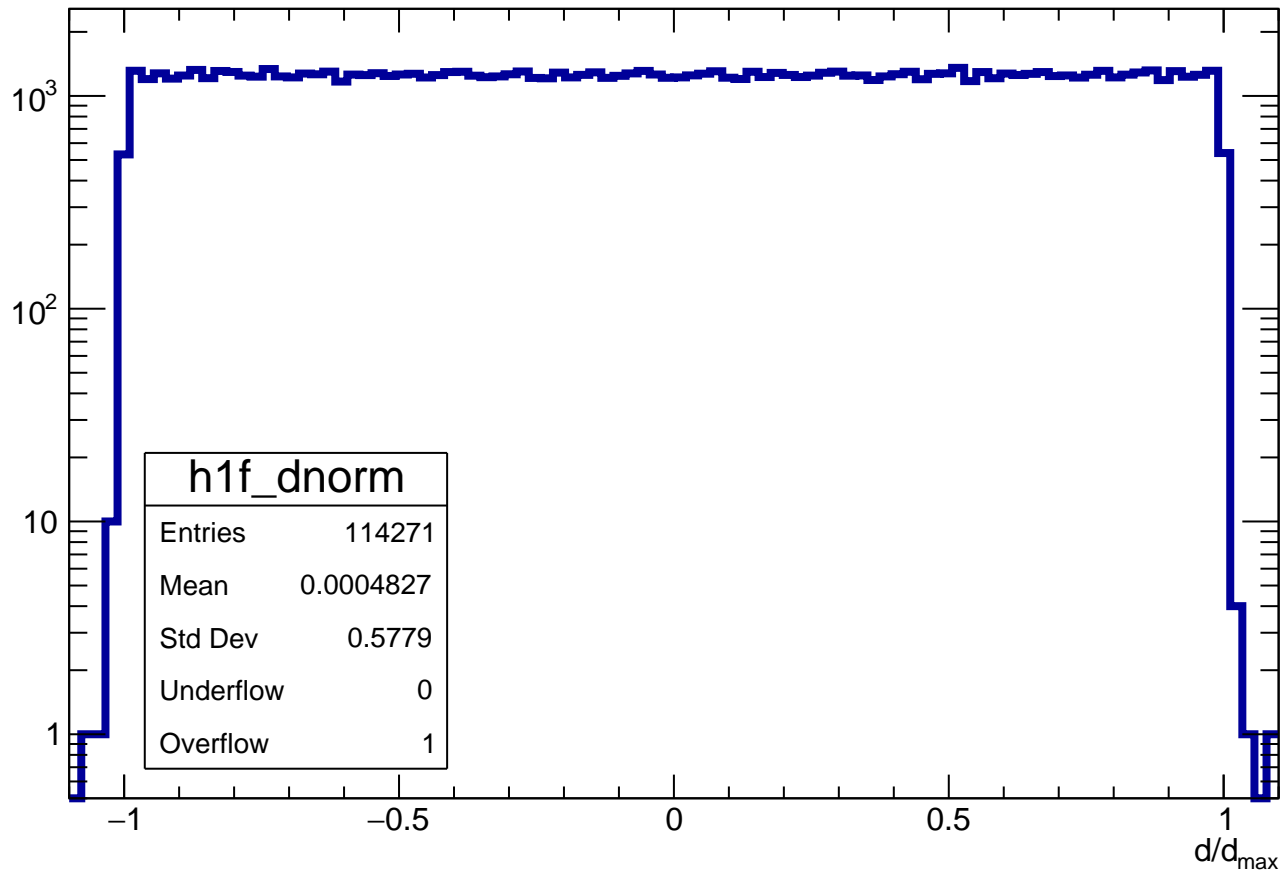
# Angle $\phi$ in each pad



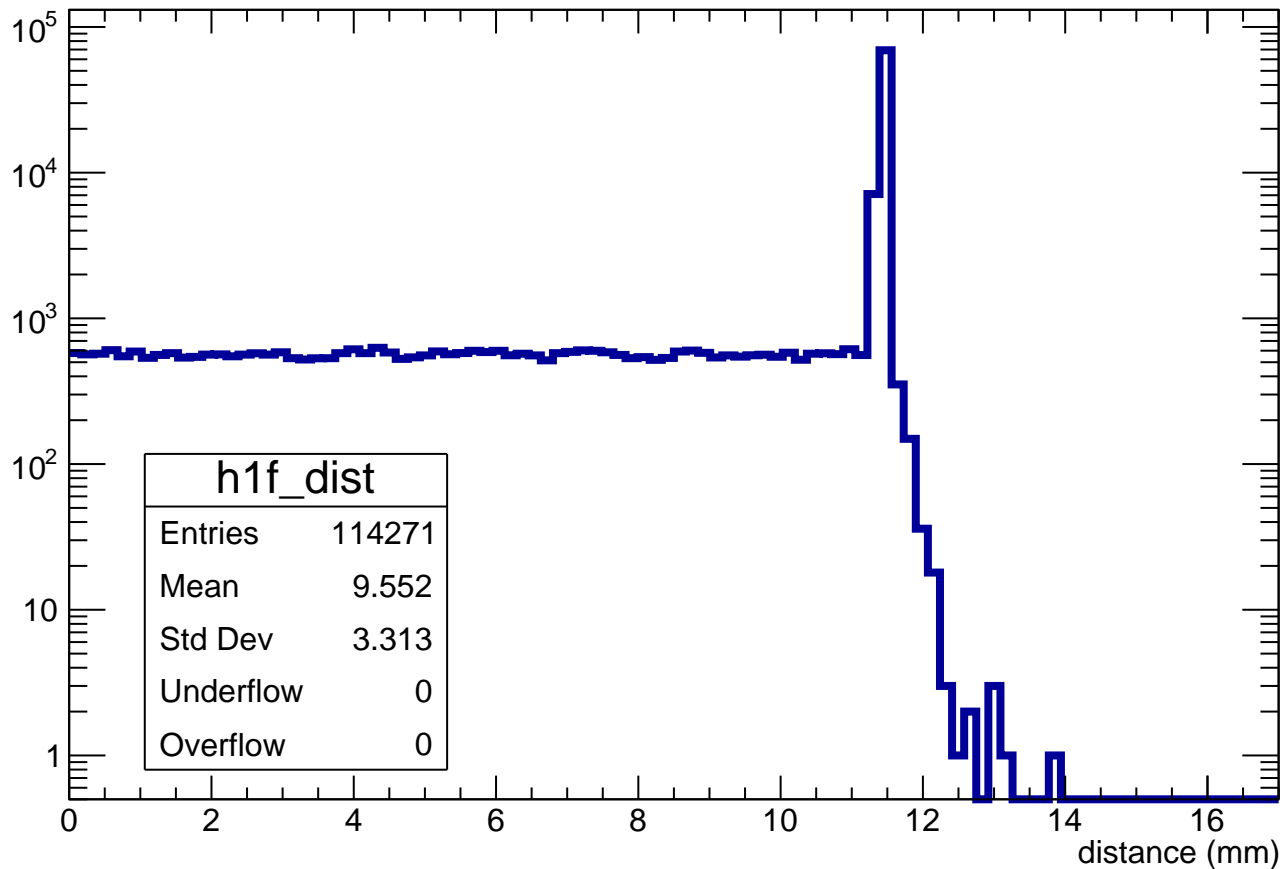
Length in pad normalized to maximum length in pad for a given  $\phi$



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

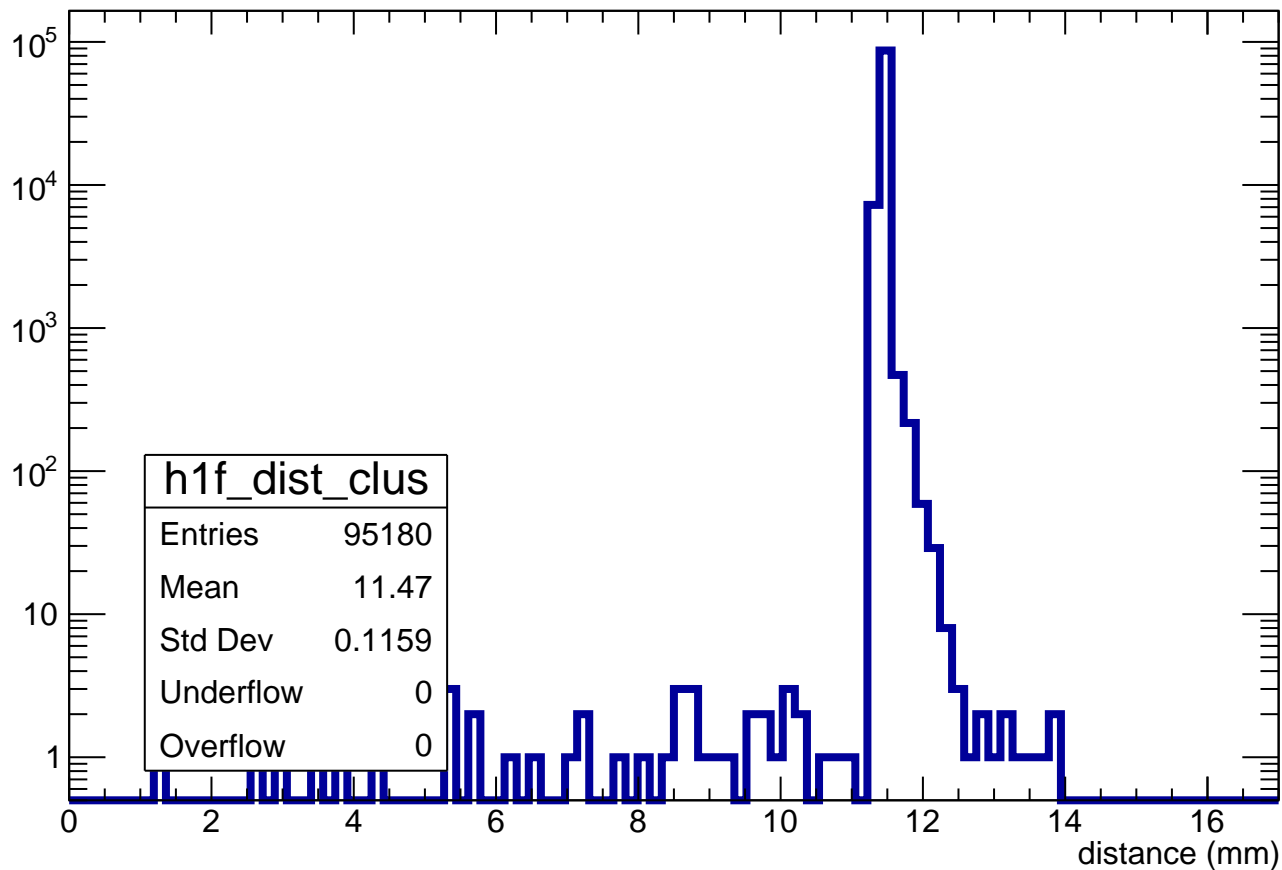


# distance of track in pad

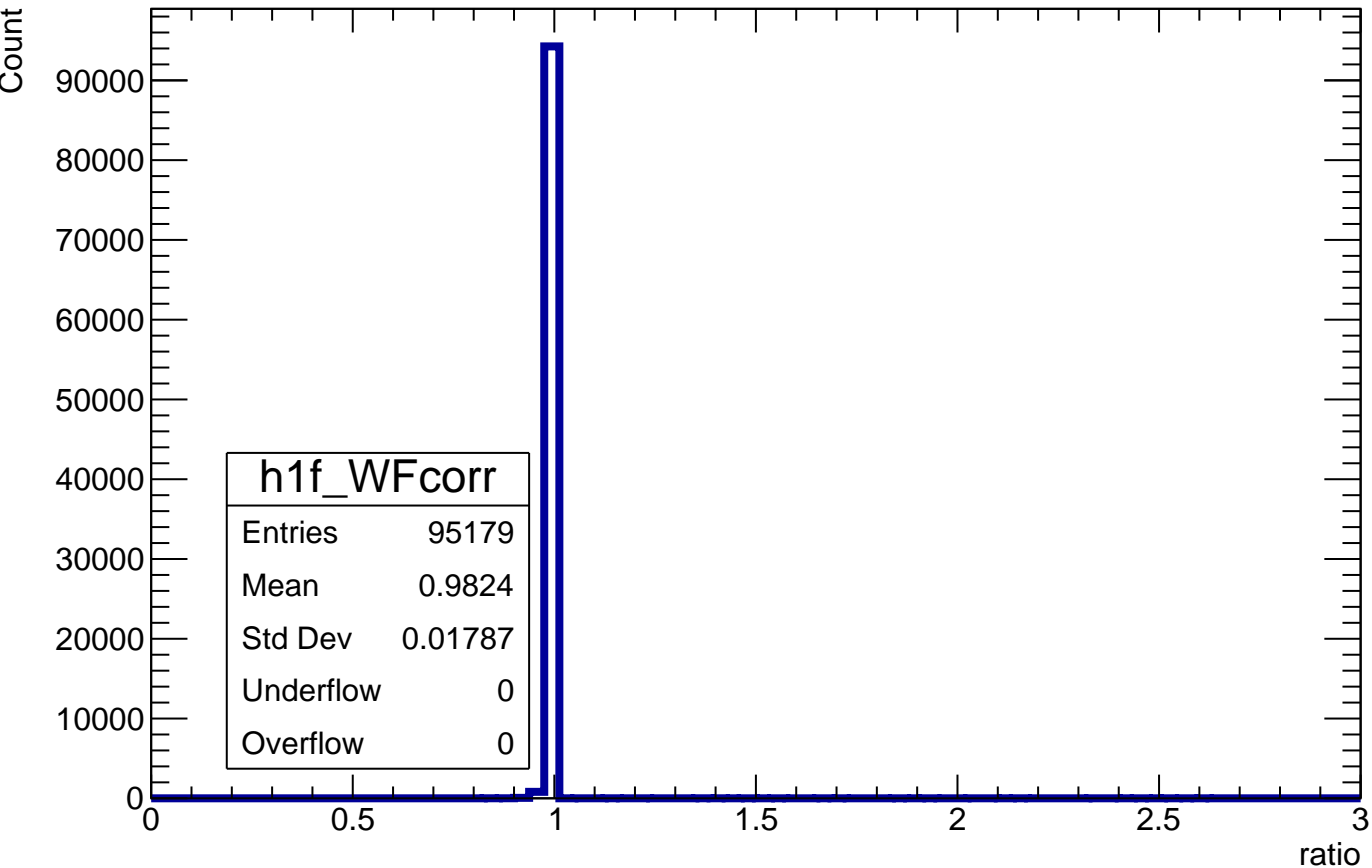




distance of track in cluster

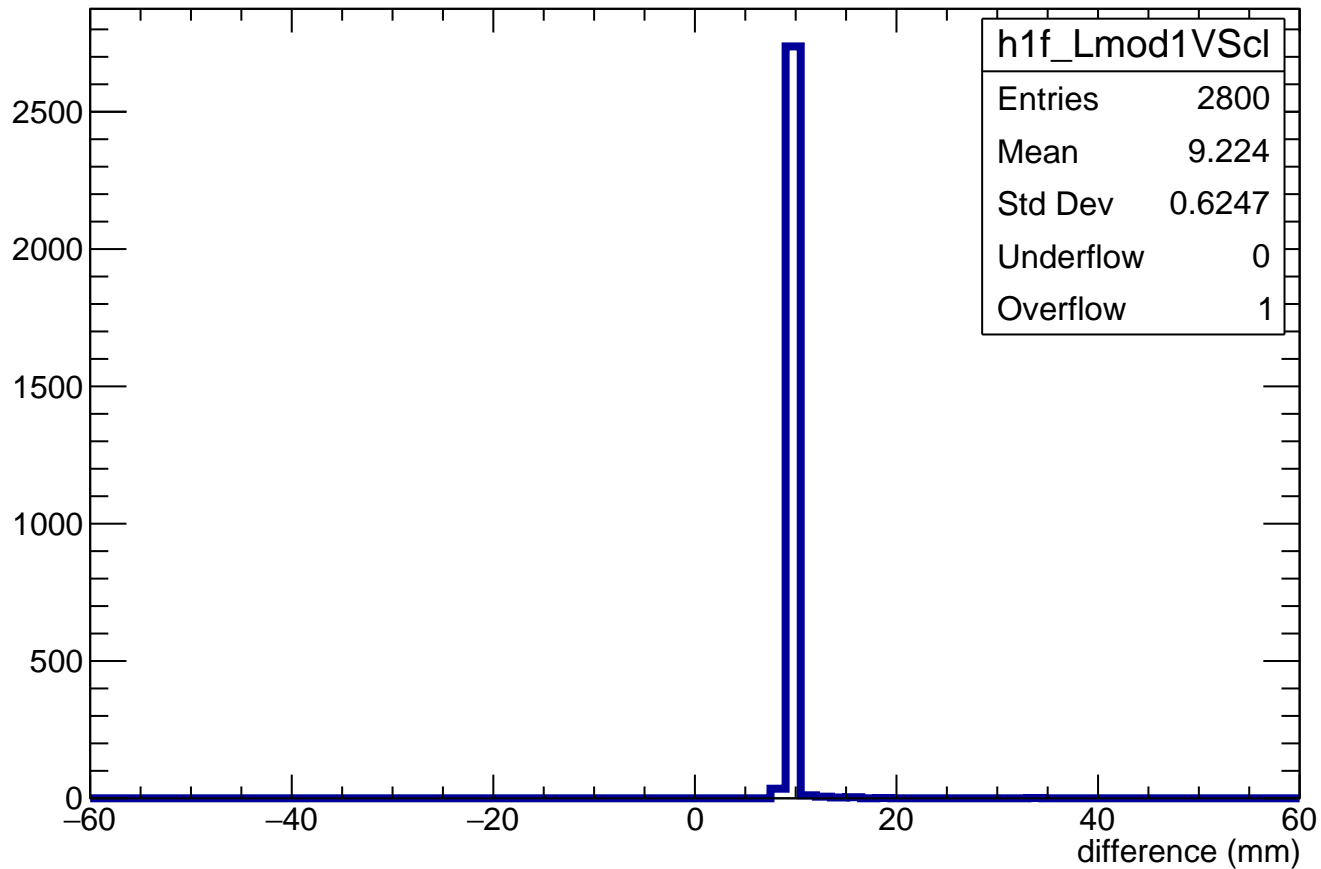


# Correction $A_{\text{max}}$ ratio



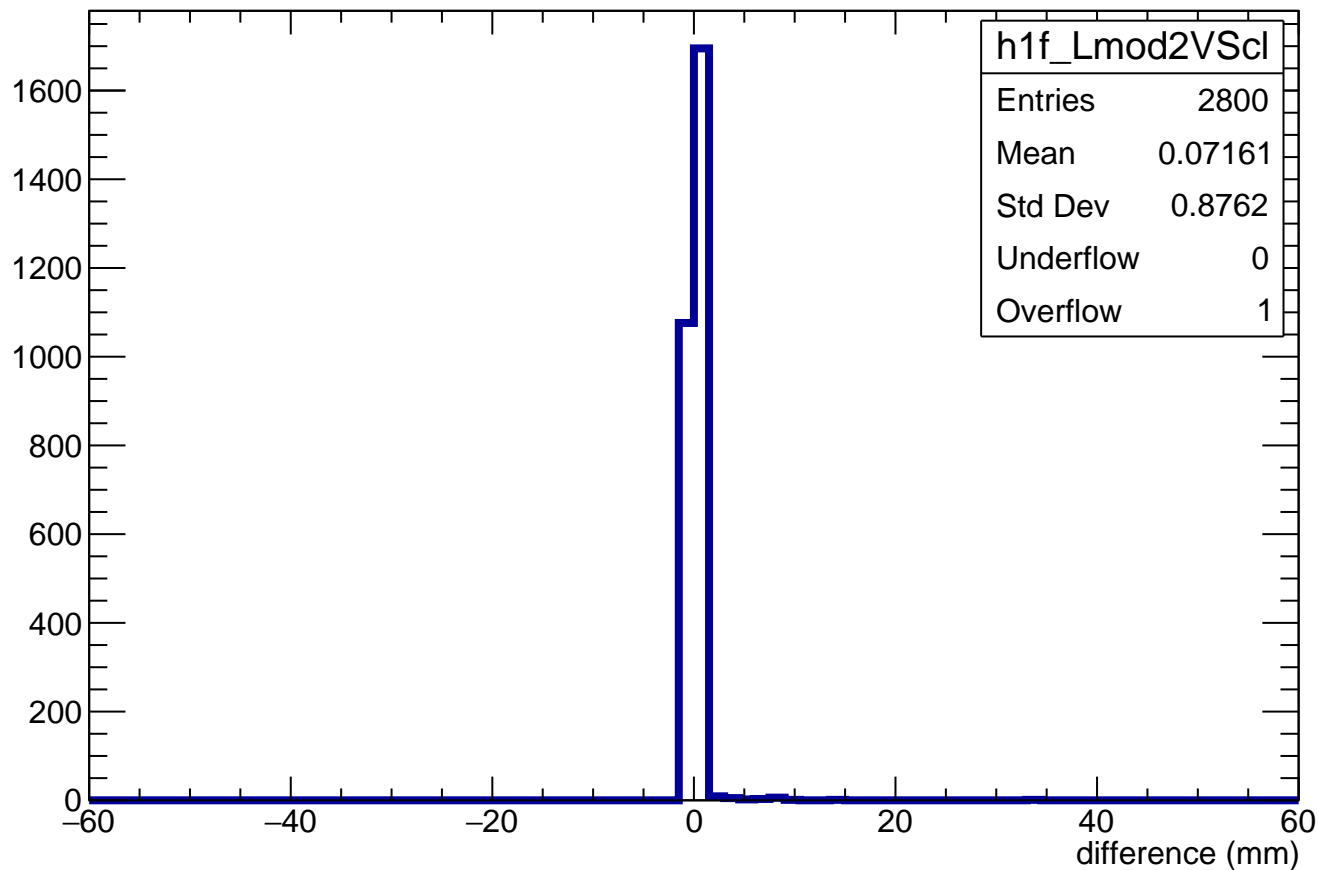
$$L_{\text{ERAM}}^{*0.7} - \Sigma L_{\text{clus} > 2\text{mm}}$$

Count



$$L_{\text{ERAM}} \cdot \left( \frac{N_{\text{trunc cross}}}{N_{\text{clus cross} > 2\text{mm}}} \right) - \sum L_{\text{clus} > 2\text{mm}}$$

Count



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

Count

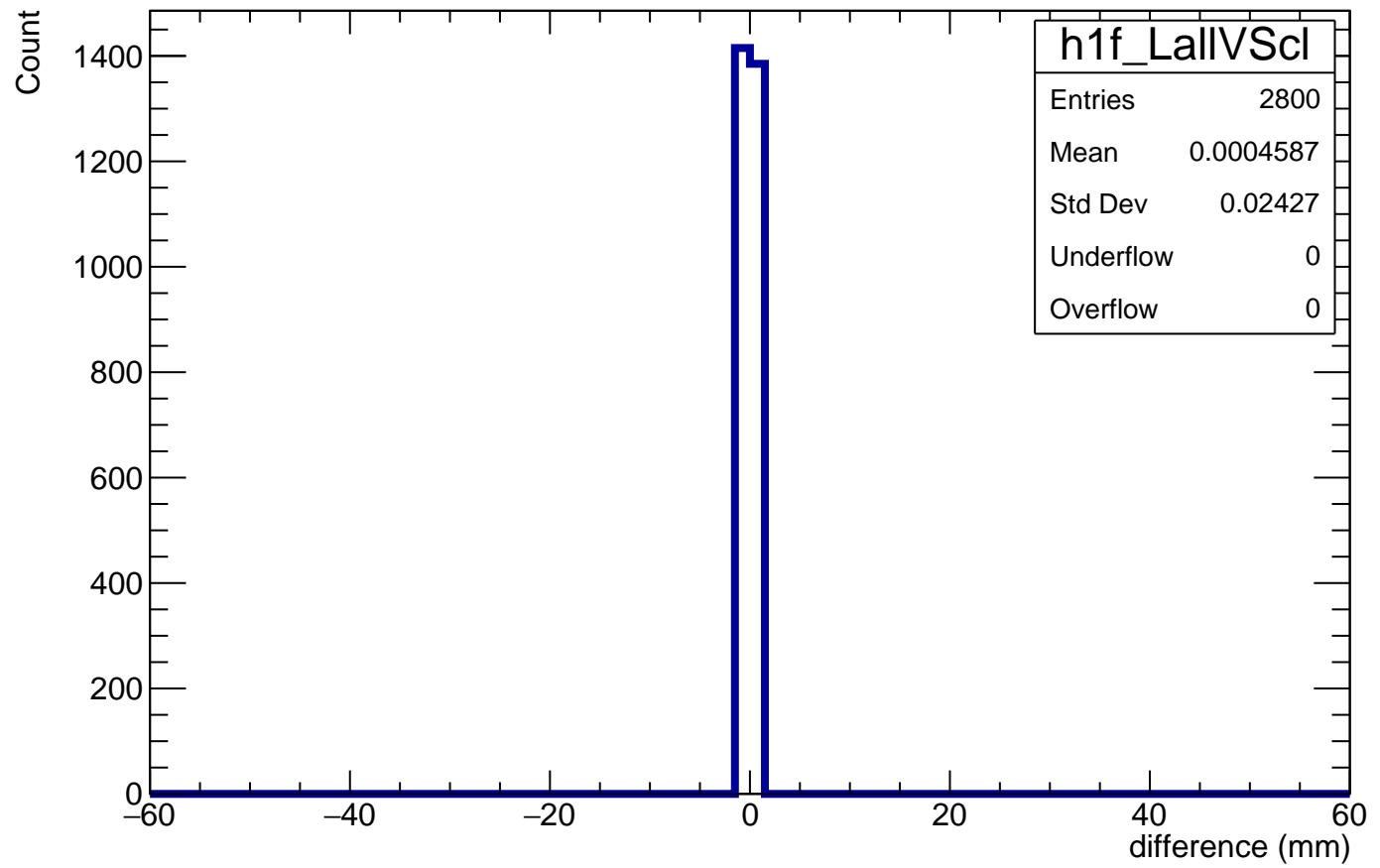
1400  
1200  
1000  
800  
600  
400  
200  
0

h1f\_LallVScI

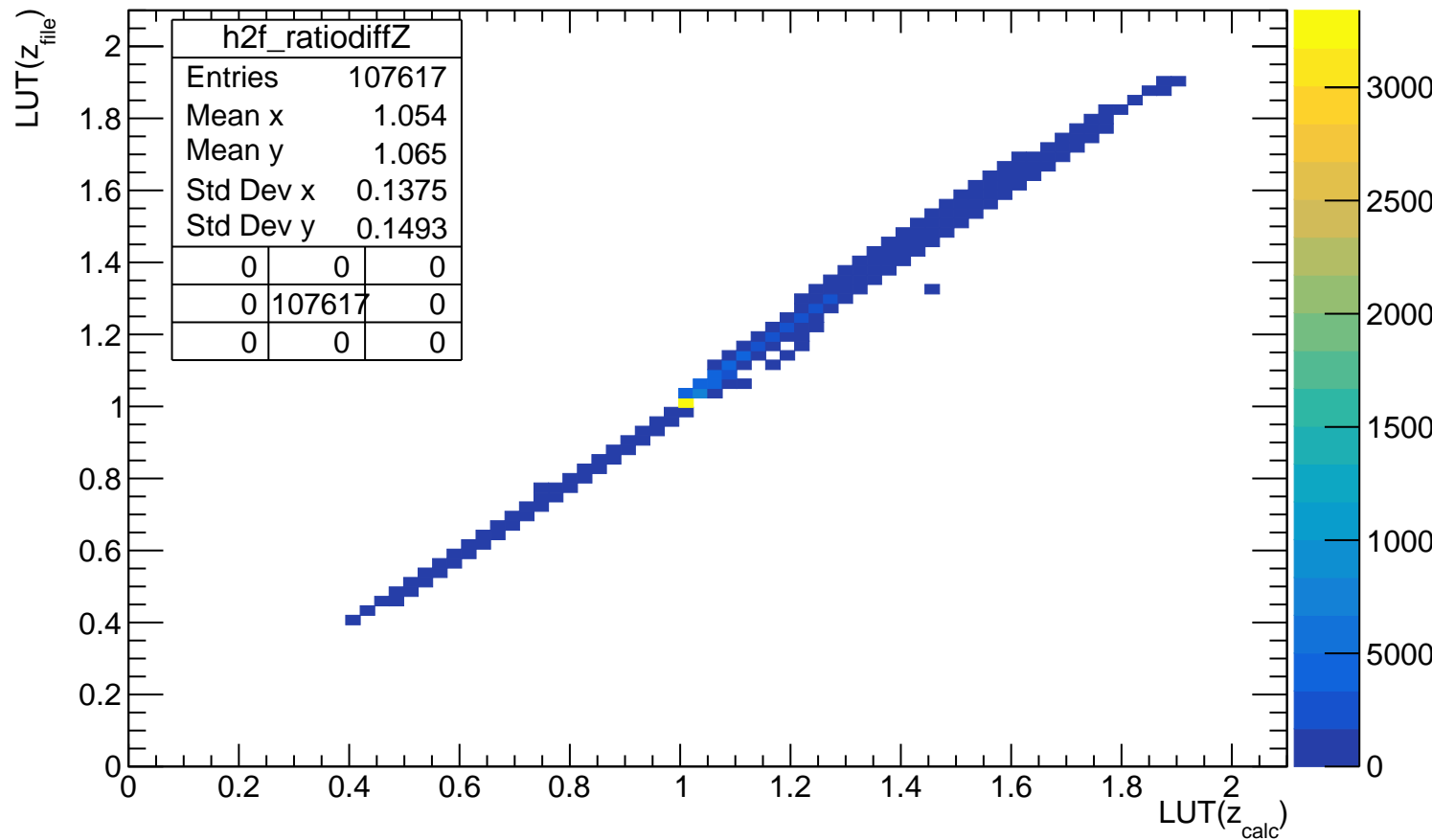
Entries	2800
Mean	0.0004587
Std Dev	0.02427
Underflow	0
Overflow	0

-60 -40 -20 0 20 40 60

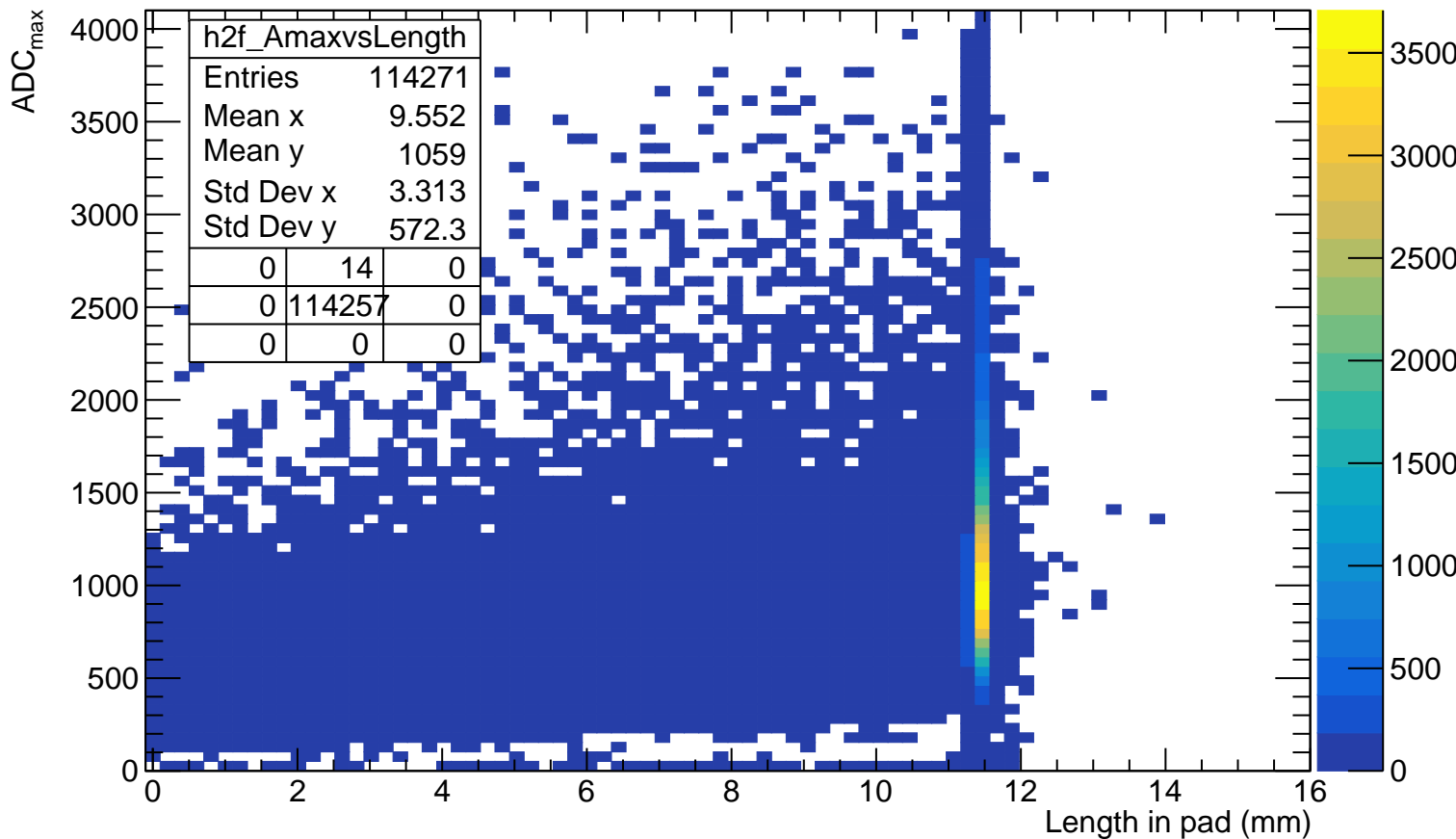
difference (mm)



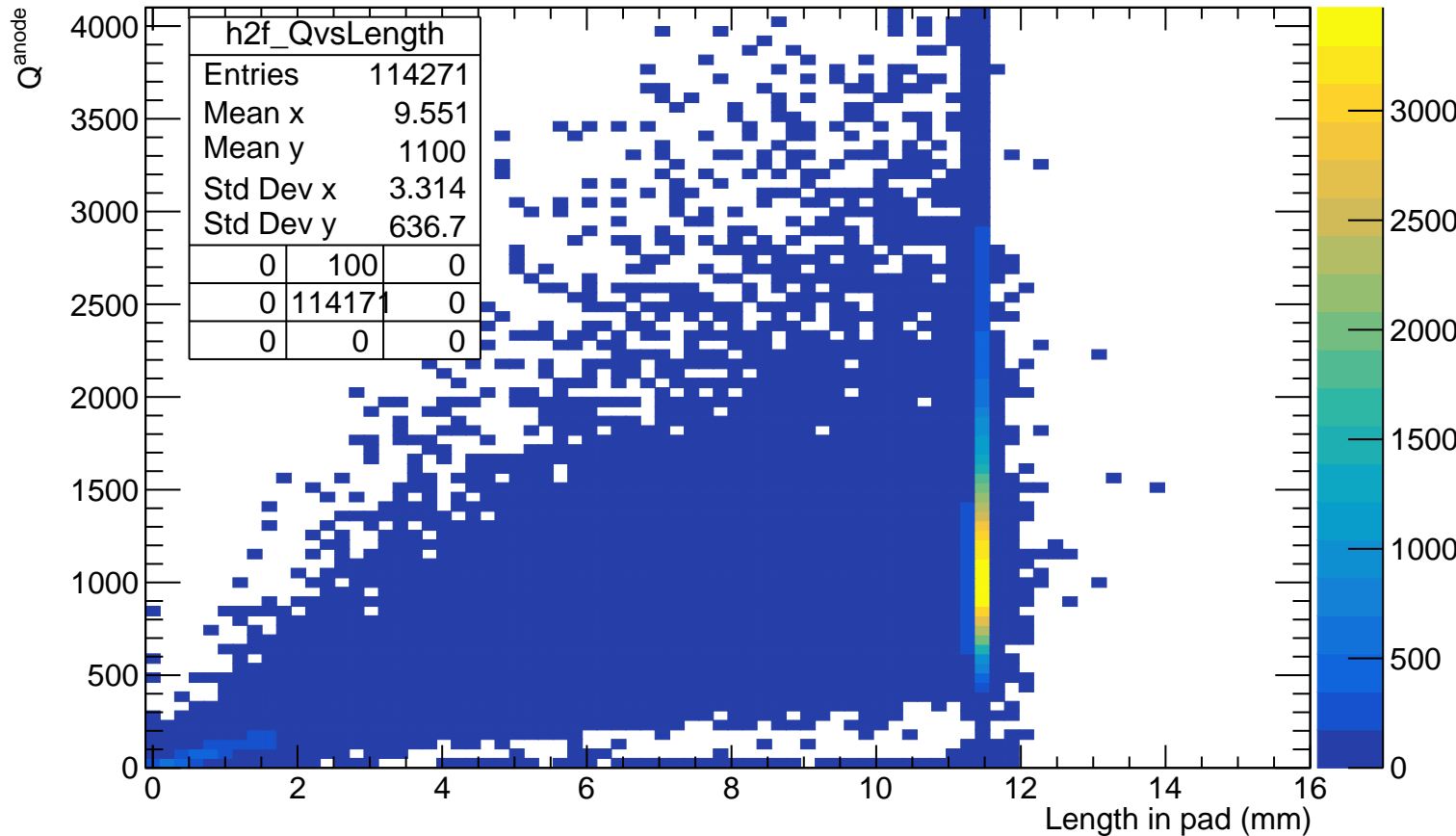
# LUT( $z_{\text{file}}$ ) vs LUT( $z_{\text{calc}}$ )



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

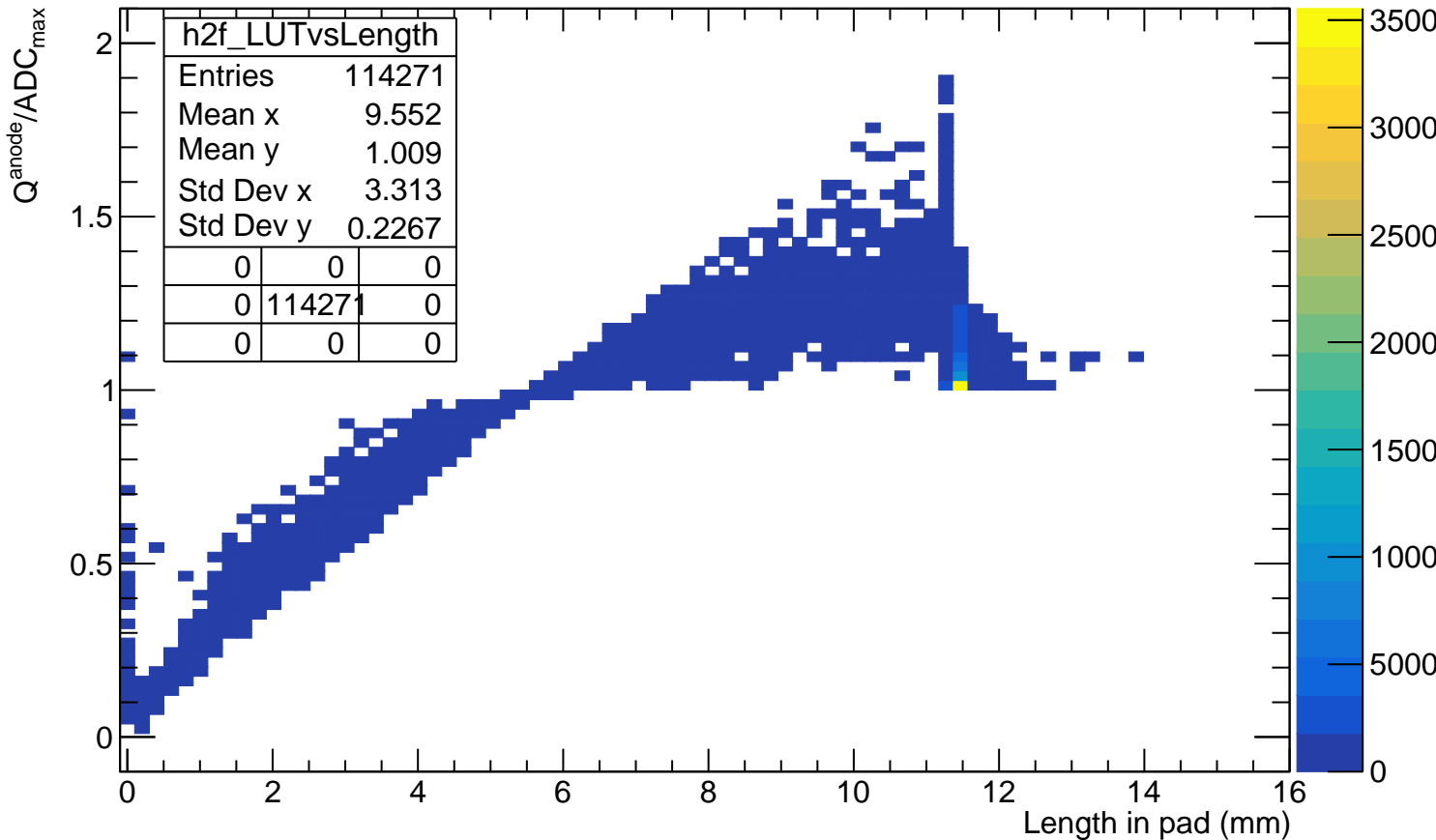


# $Q^{\text{anode}}$ VS length in pad (before length cut)

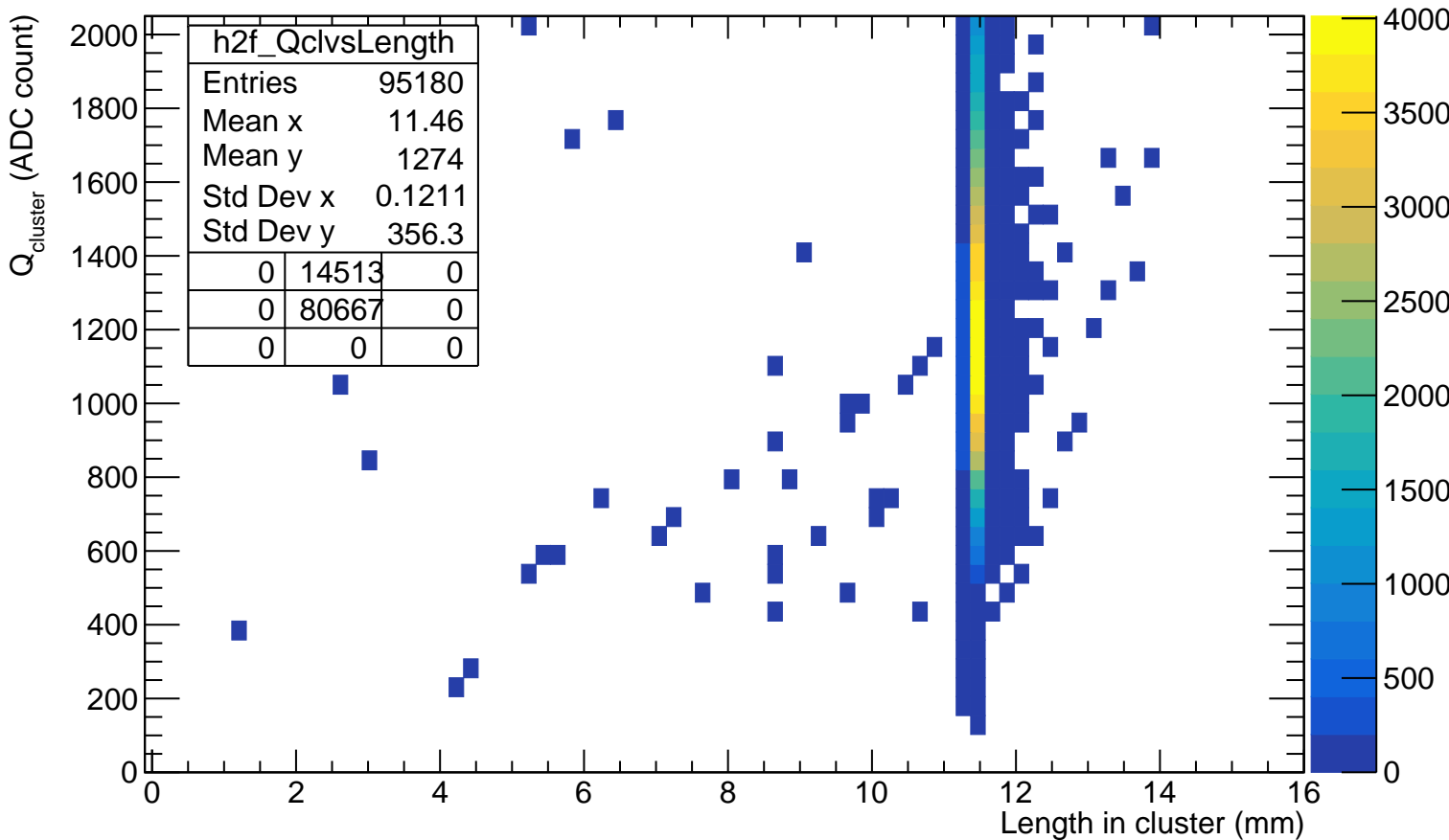




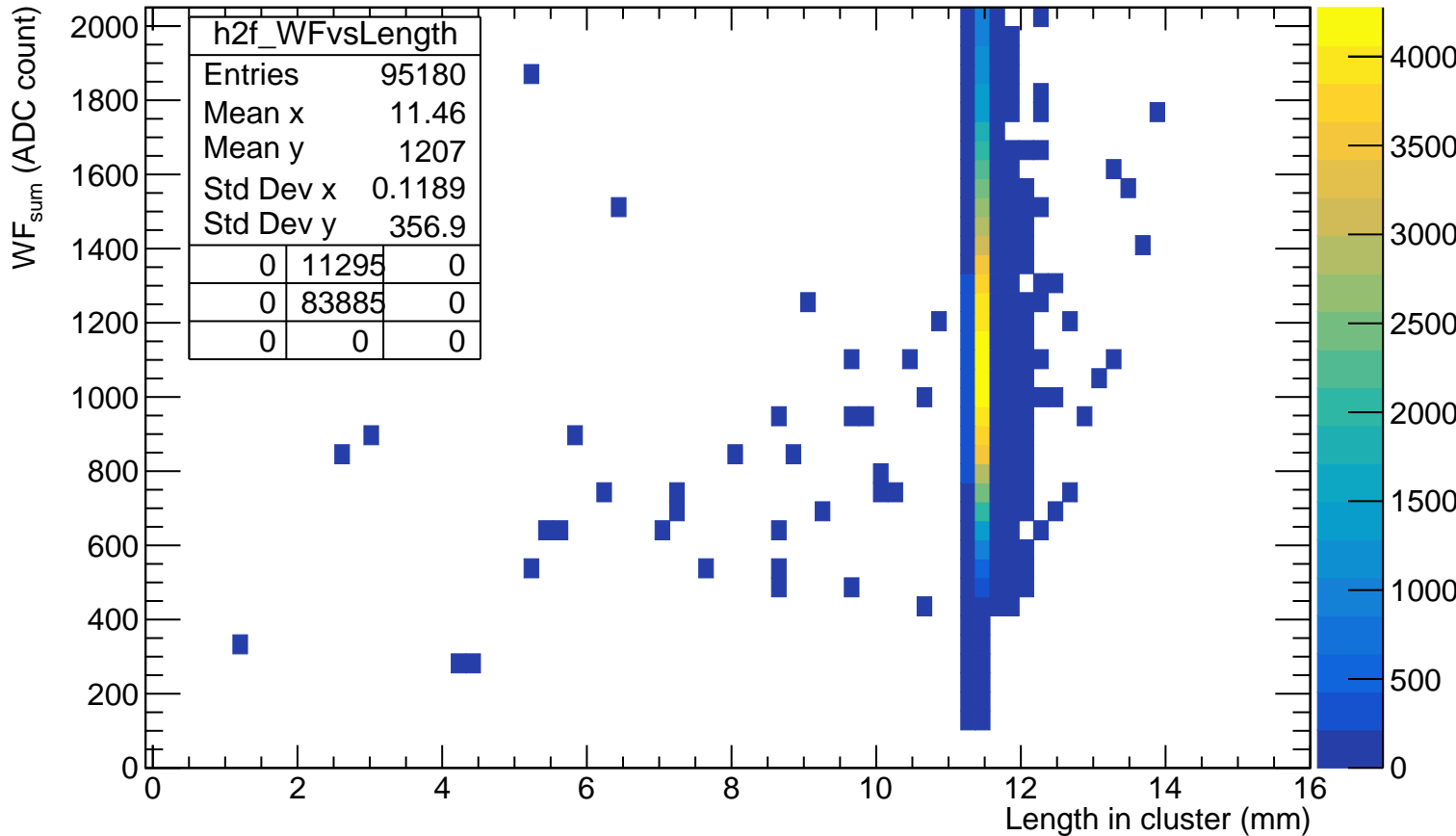
$Q^{\text{anode}}/\text{ADC}_{\text{max}}$  VS length in pad (before length cut)



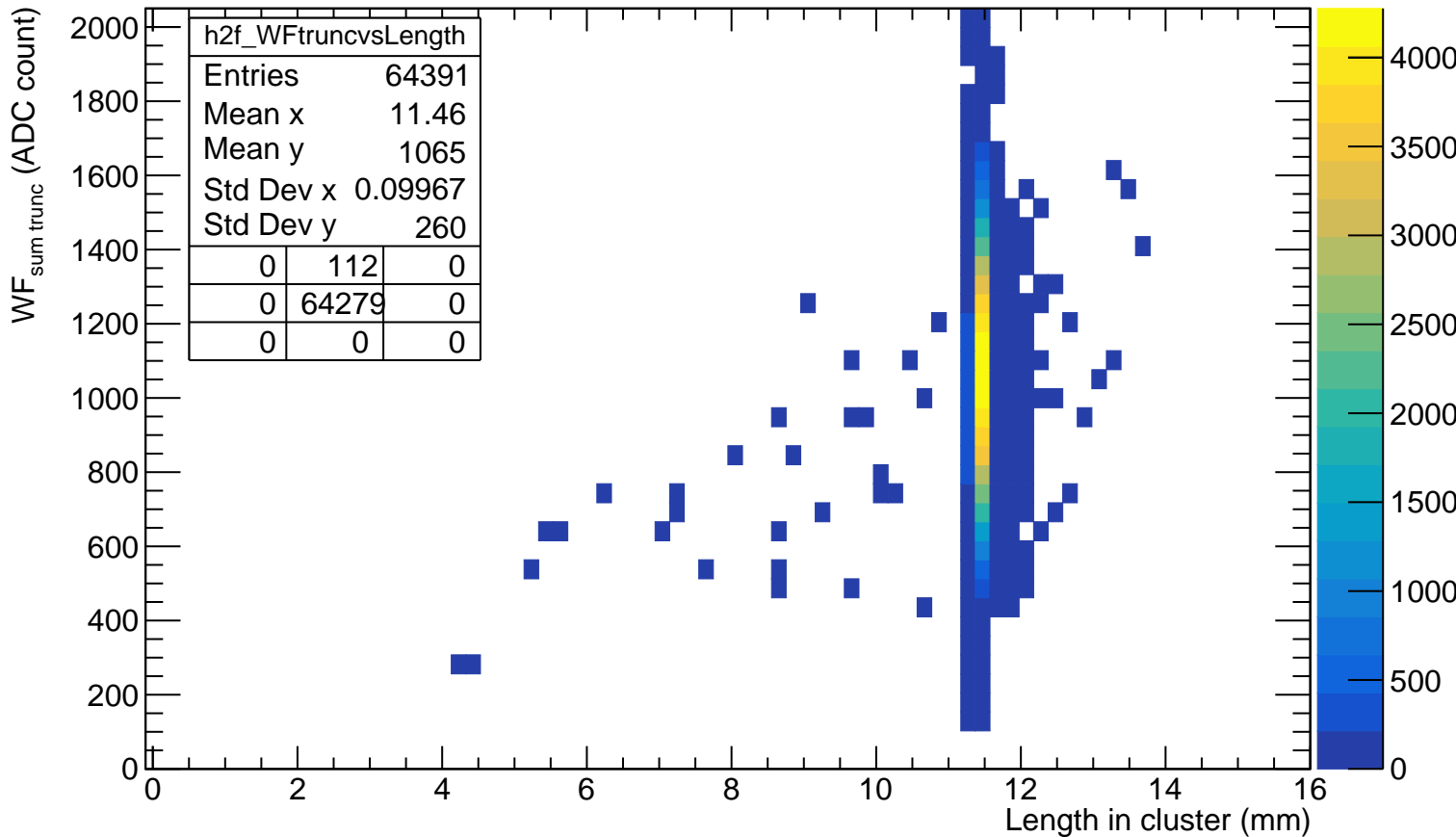
# Q<sub>cluster</sub> VS length in cluster



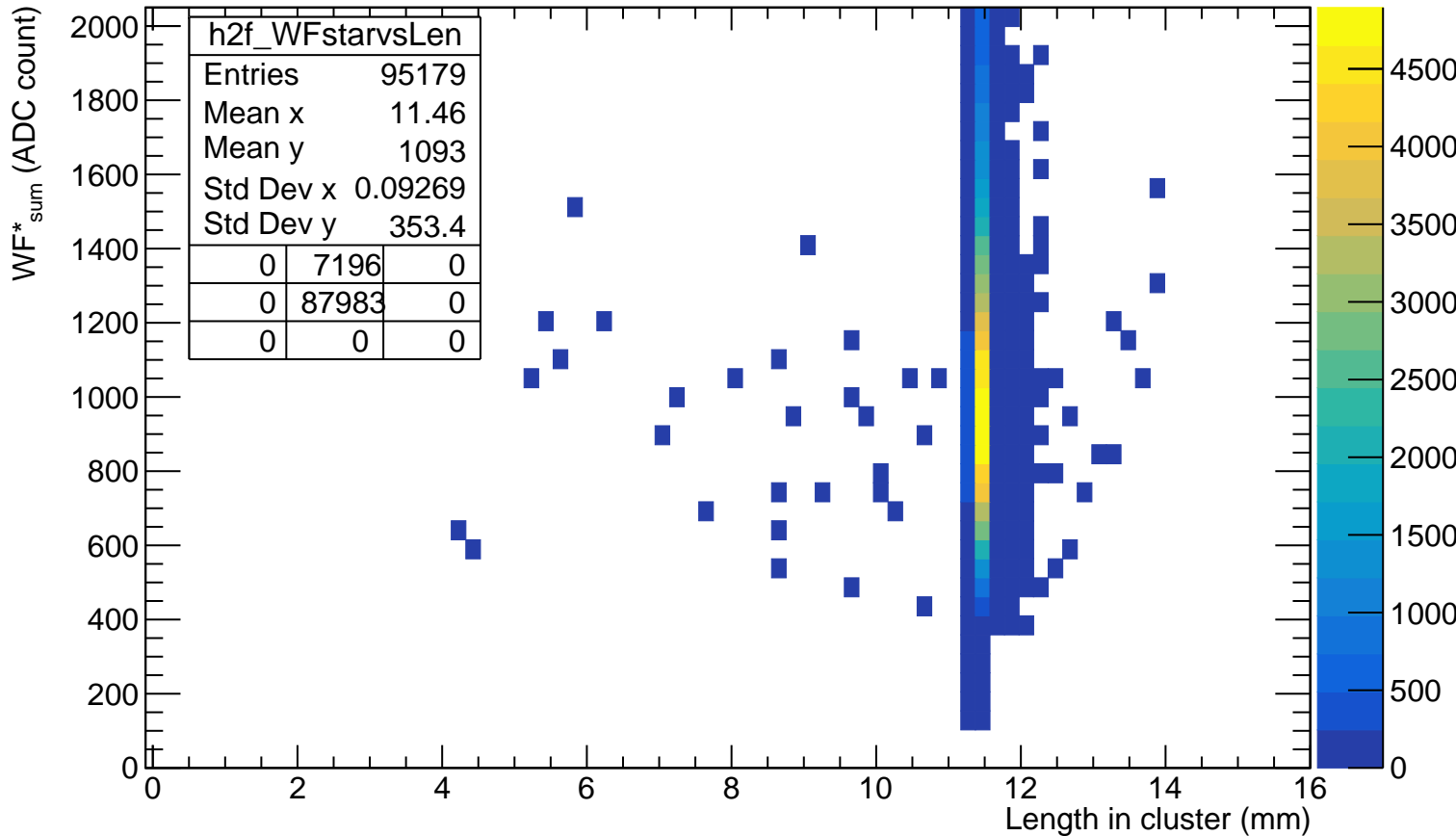
# WF<sub>sum</sub> VS length in cluster



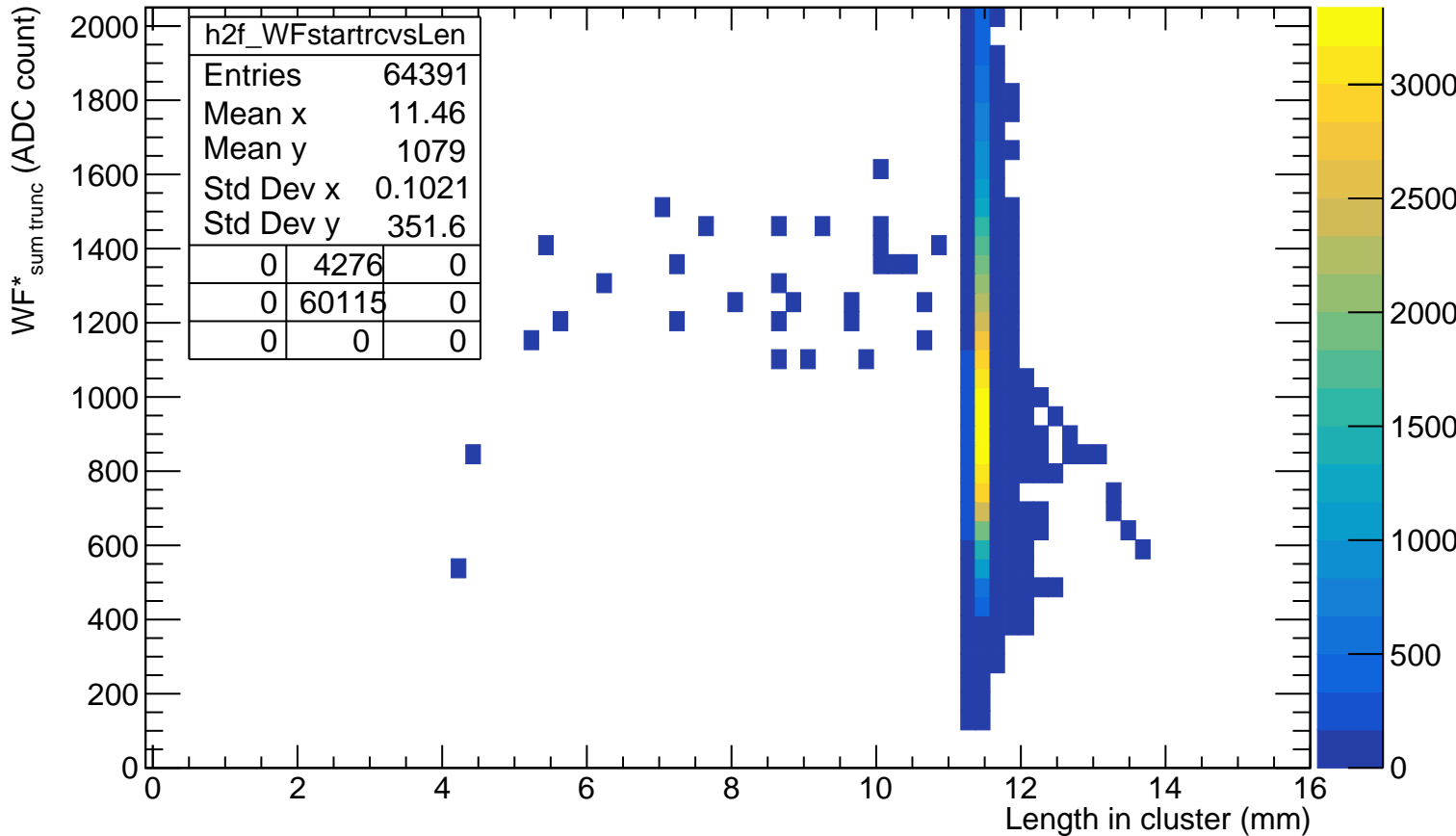
# WF<sub>sum truncated</sub> VS length in cluster



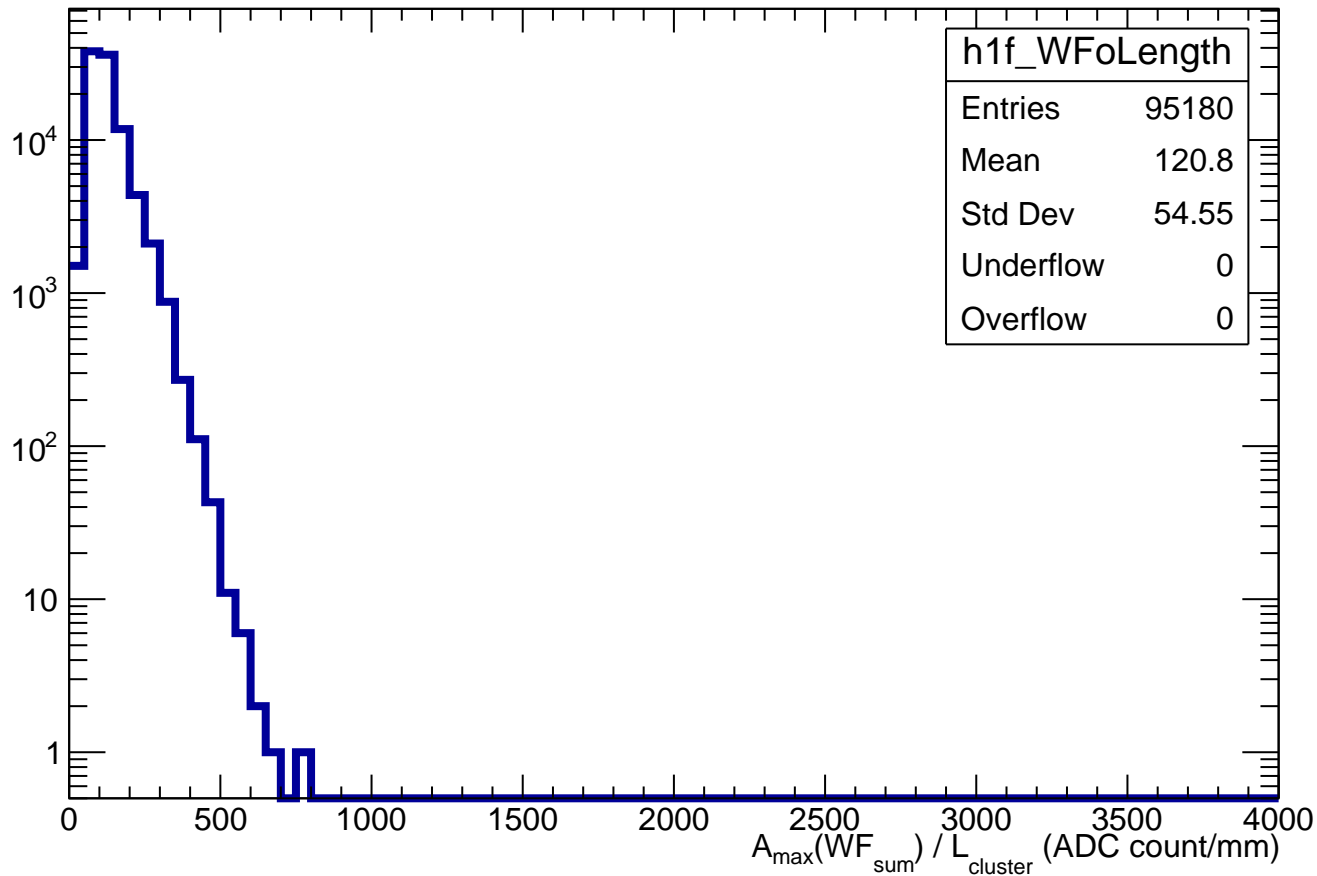
# WF\*<sub>sum</sub> VS length in cluster



# 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

