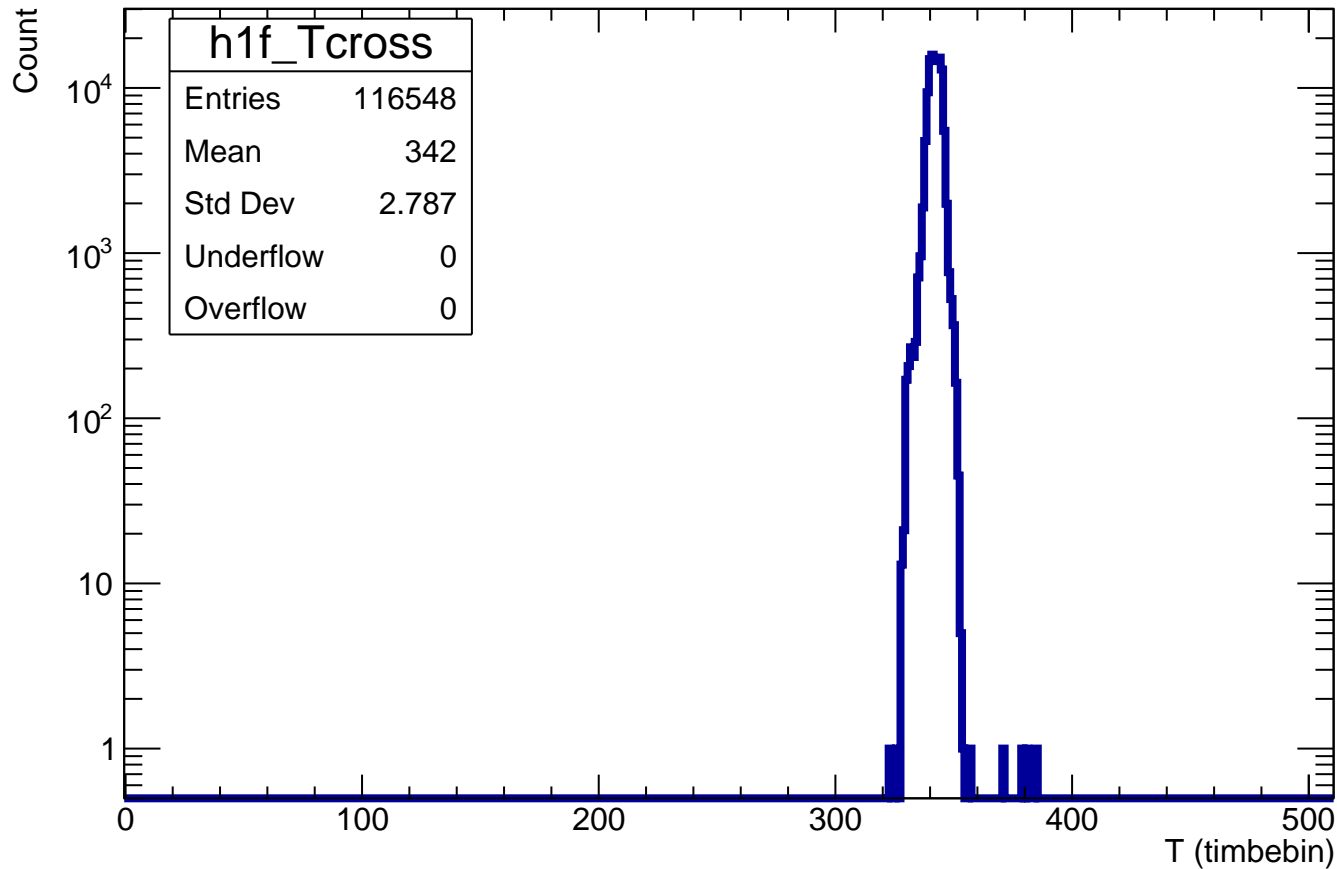
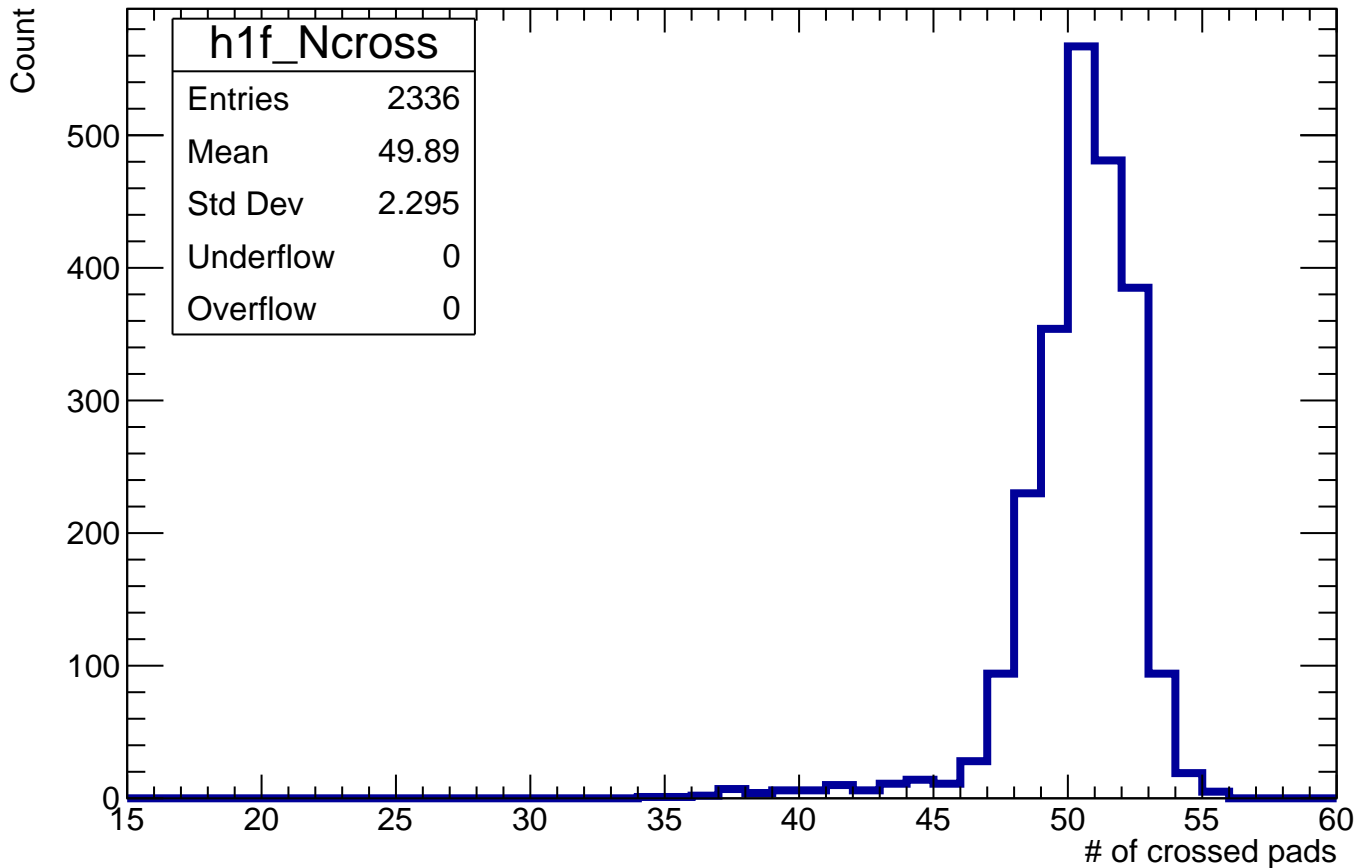


# $T_{\max}$ of crossed pads



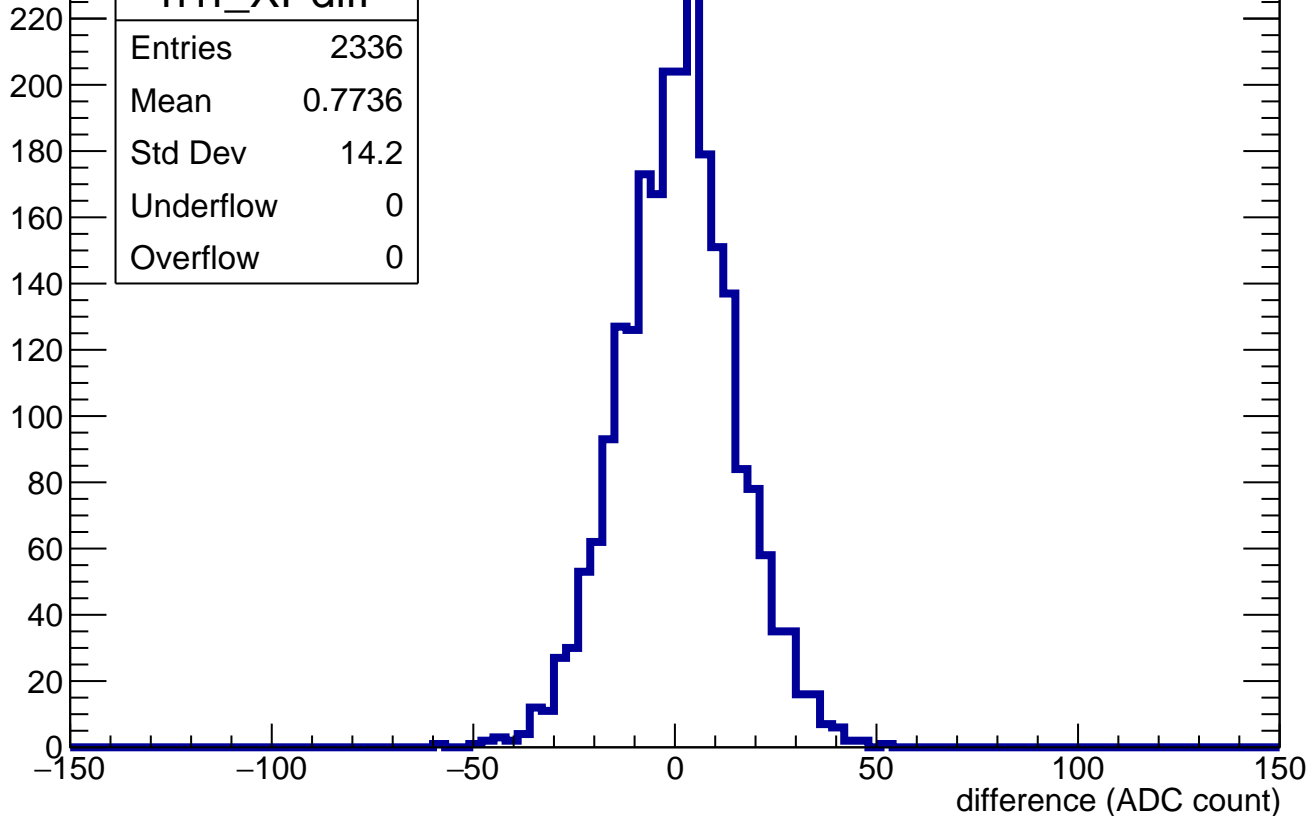
# Number of crossed pads



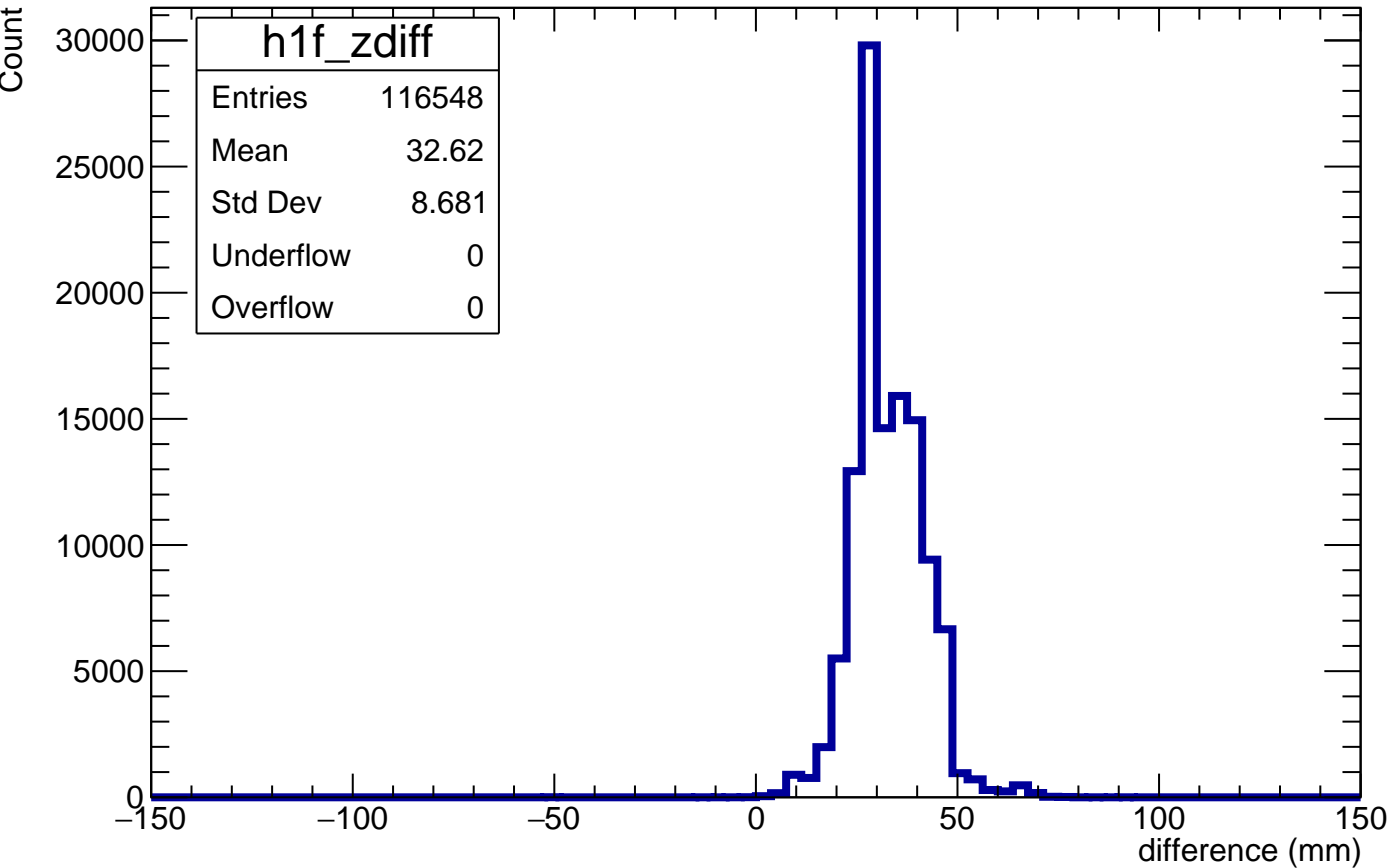
$$\Sigma(Q)/\Sigma(\text{length}) - \text{mean}\{Q/\text{length}_i\}$$

Count

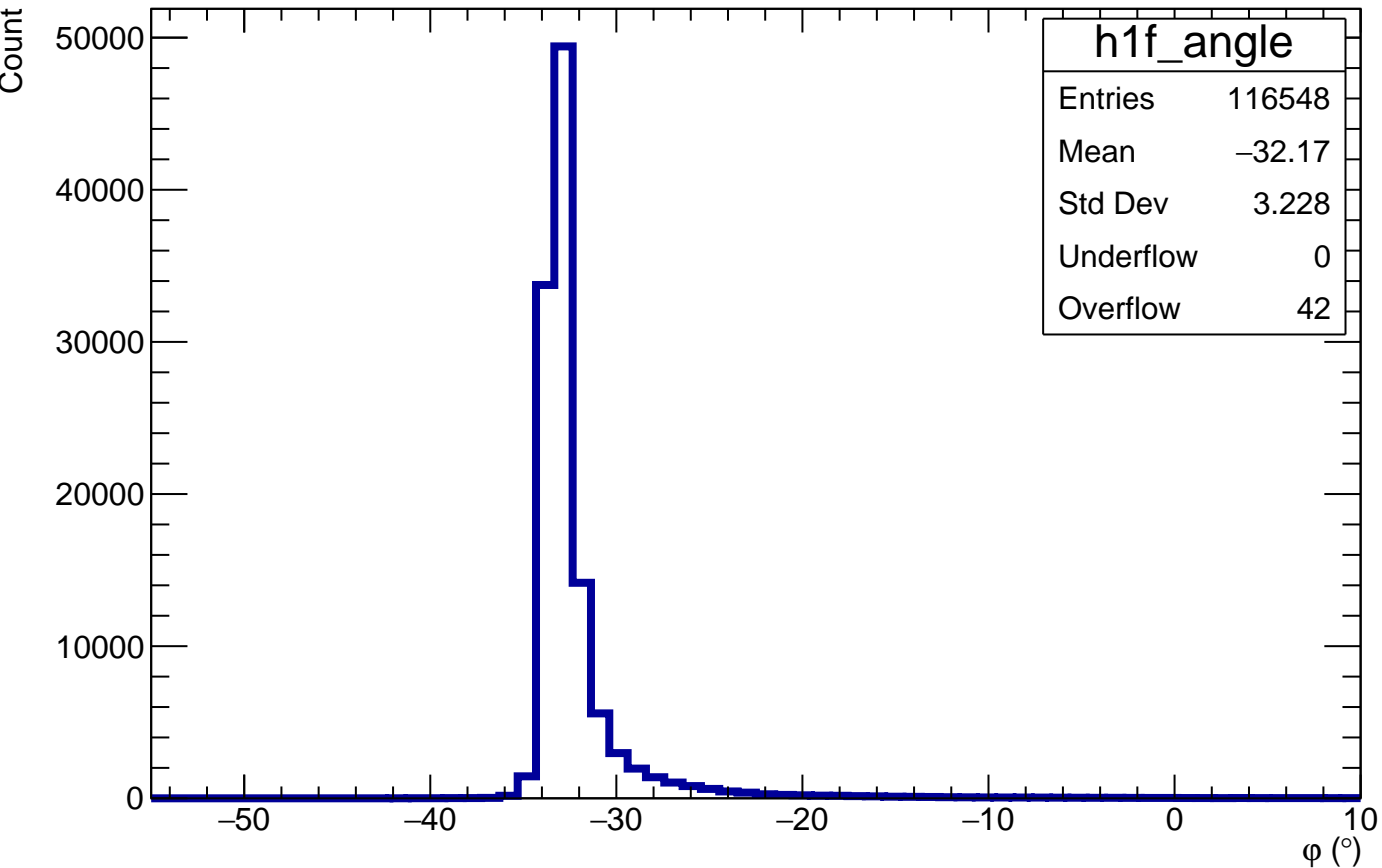
| h1f_XPdiff |        |
|------------|--------|
| Entries    | 2336   |
| Mean       | 0.7736 |
| Std Dev    | 14.2   |
| Underflow  | 0      |
| Overflow   | 0      |



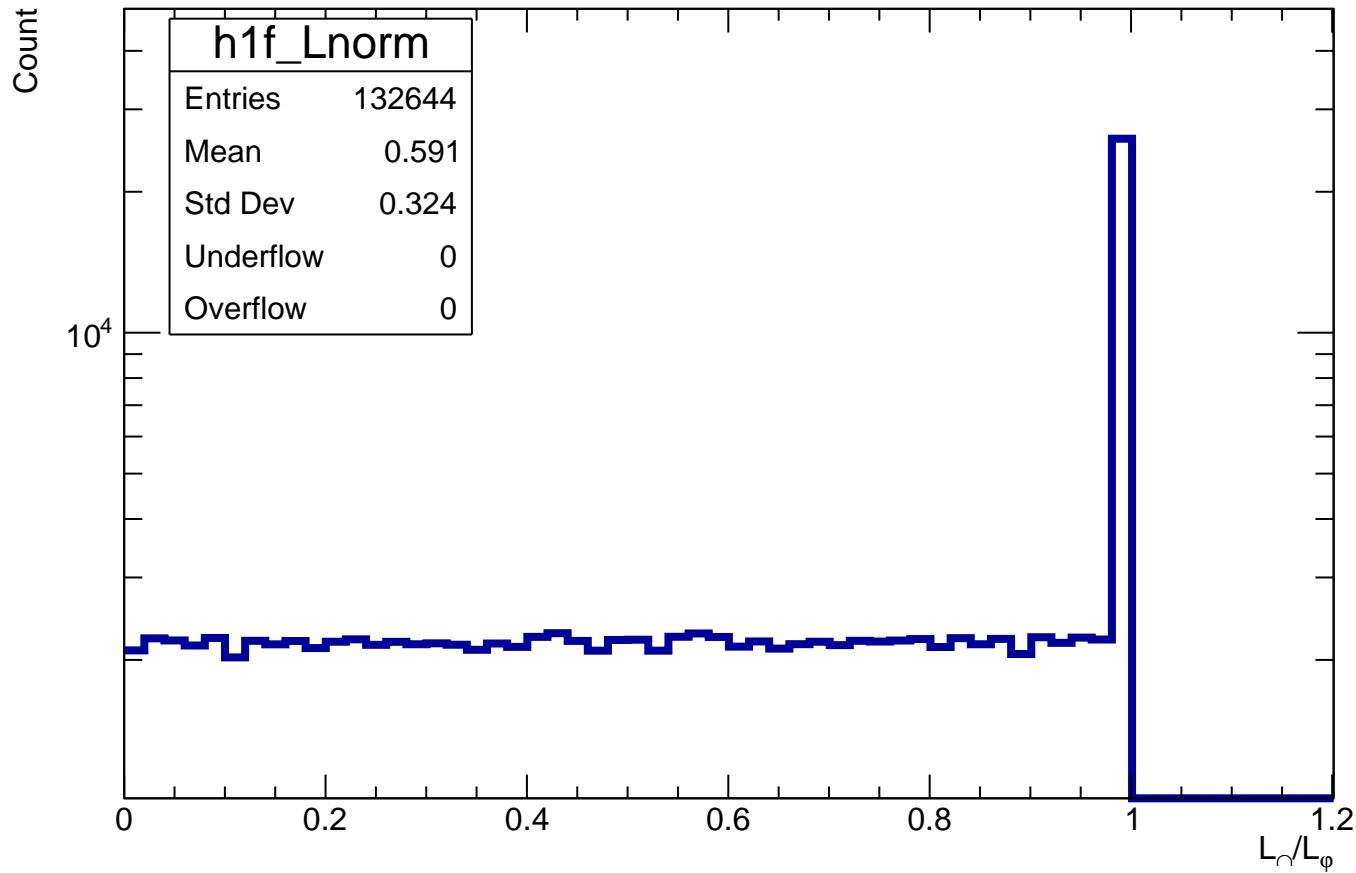
$$Z_{\text{file}} = 950\text{mm} - Z_{\text{computed}}$$



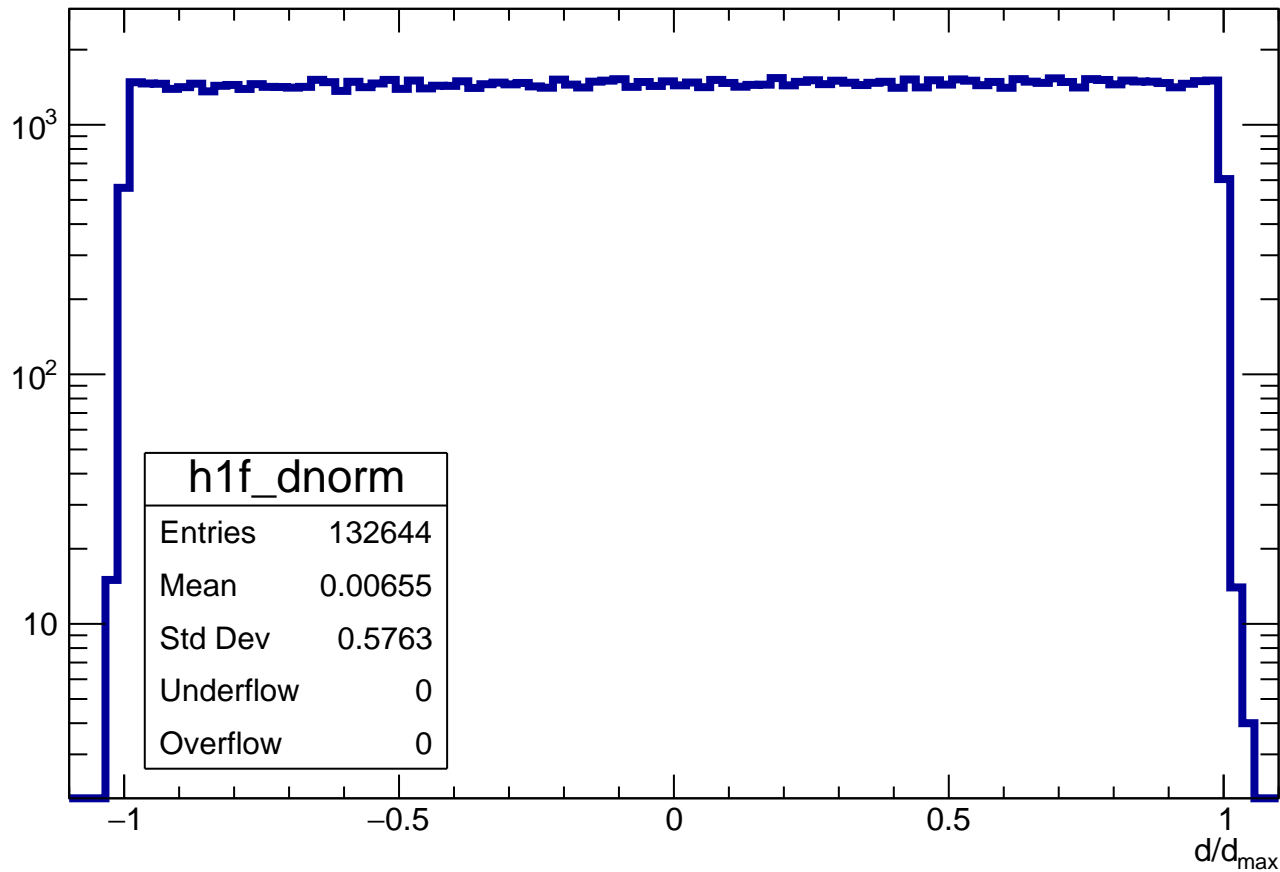
# Angle $\phi$ in each pad



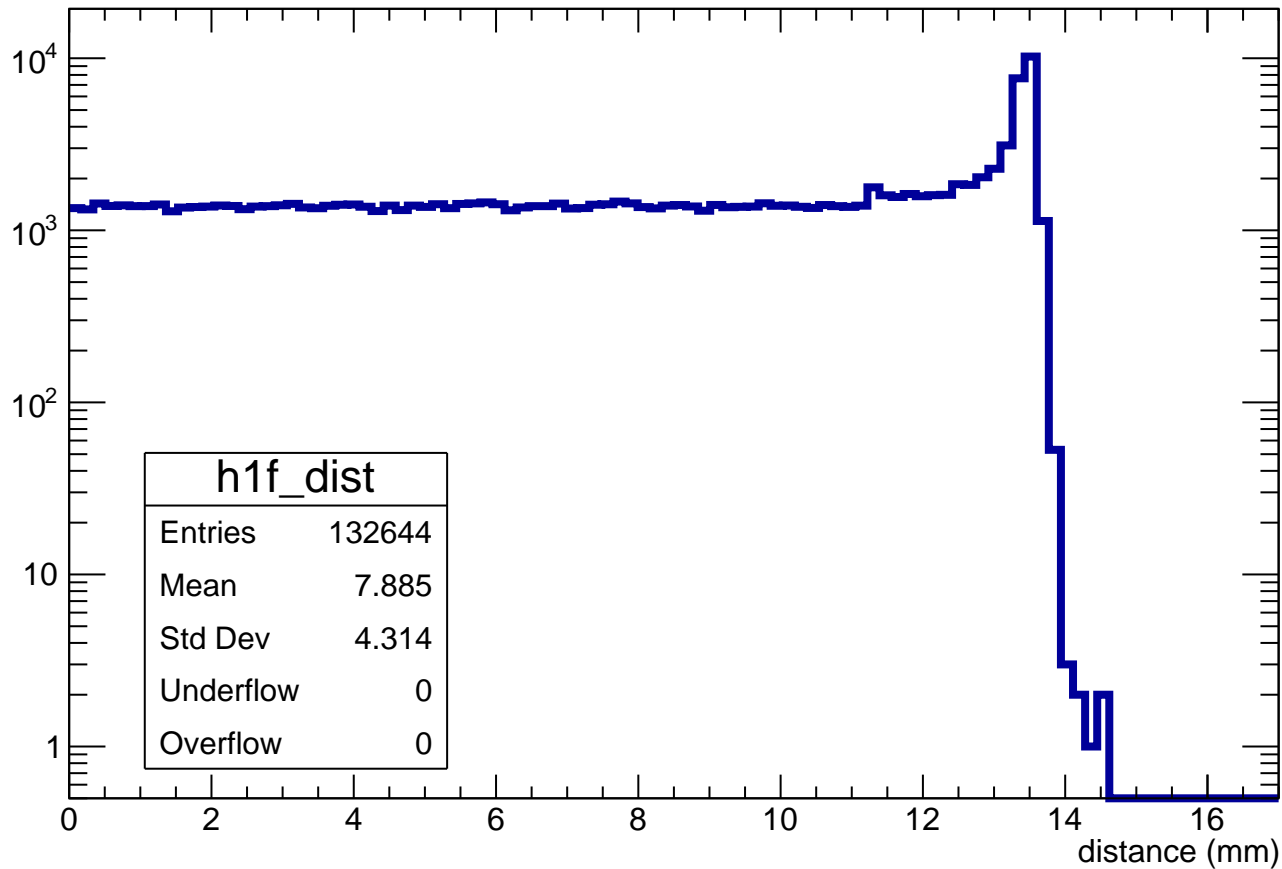
Length in pad normalized to maximum length in pad for a given  $\phi$



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

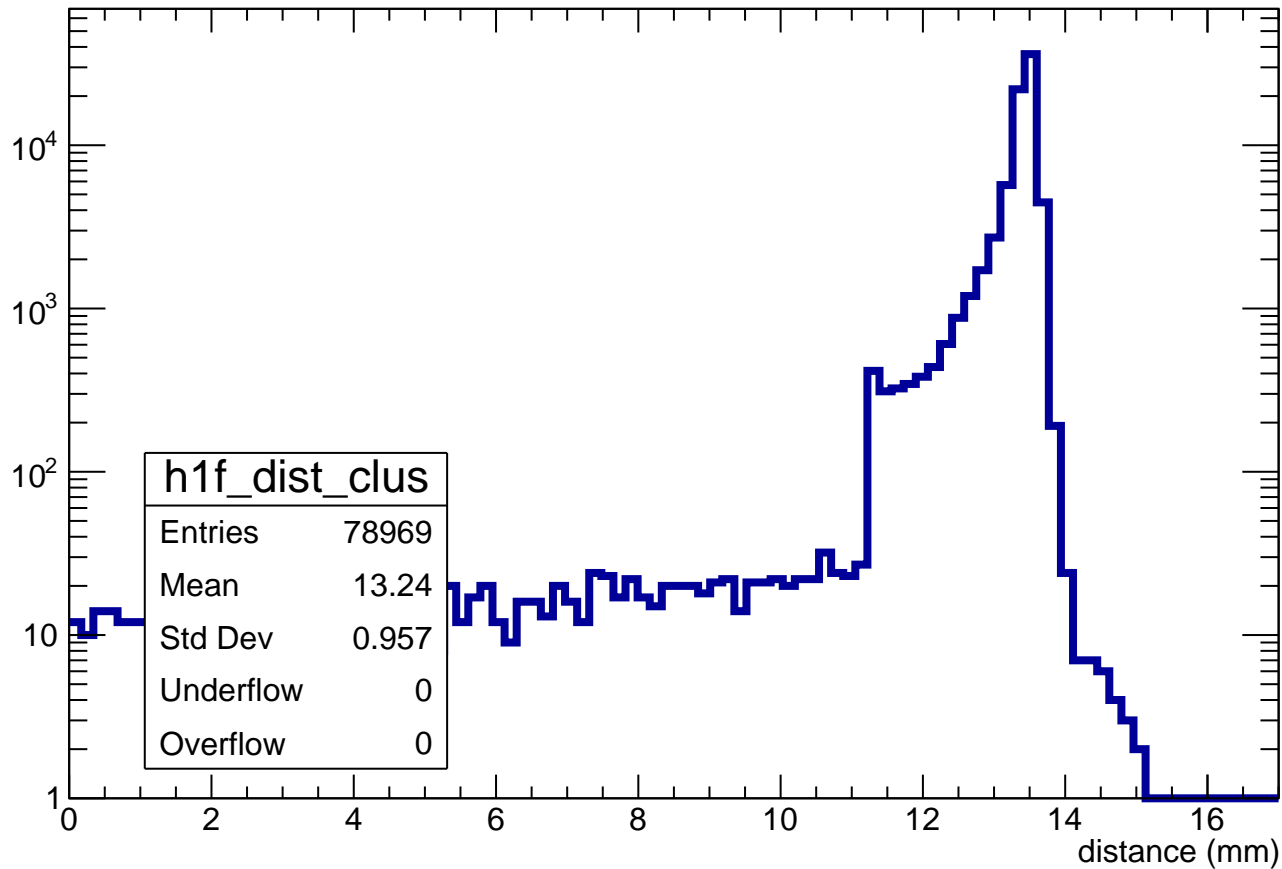


# distance of track in pad

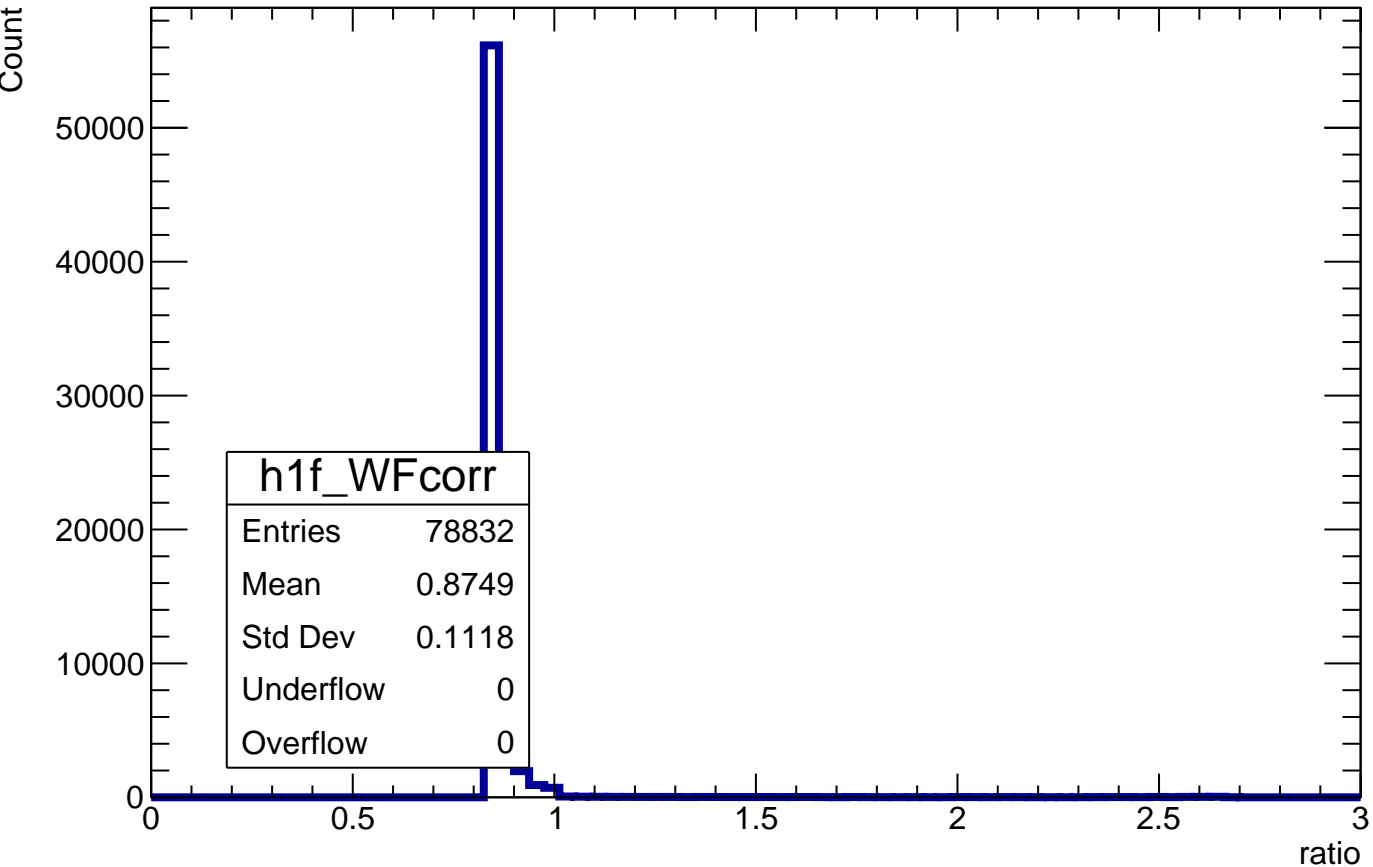




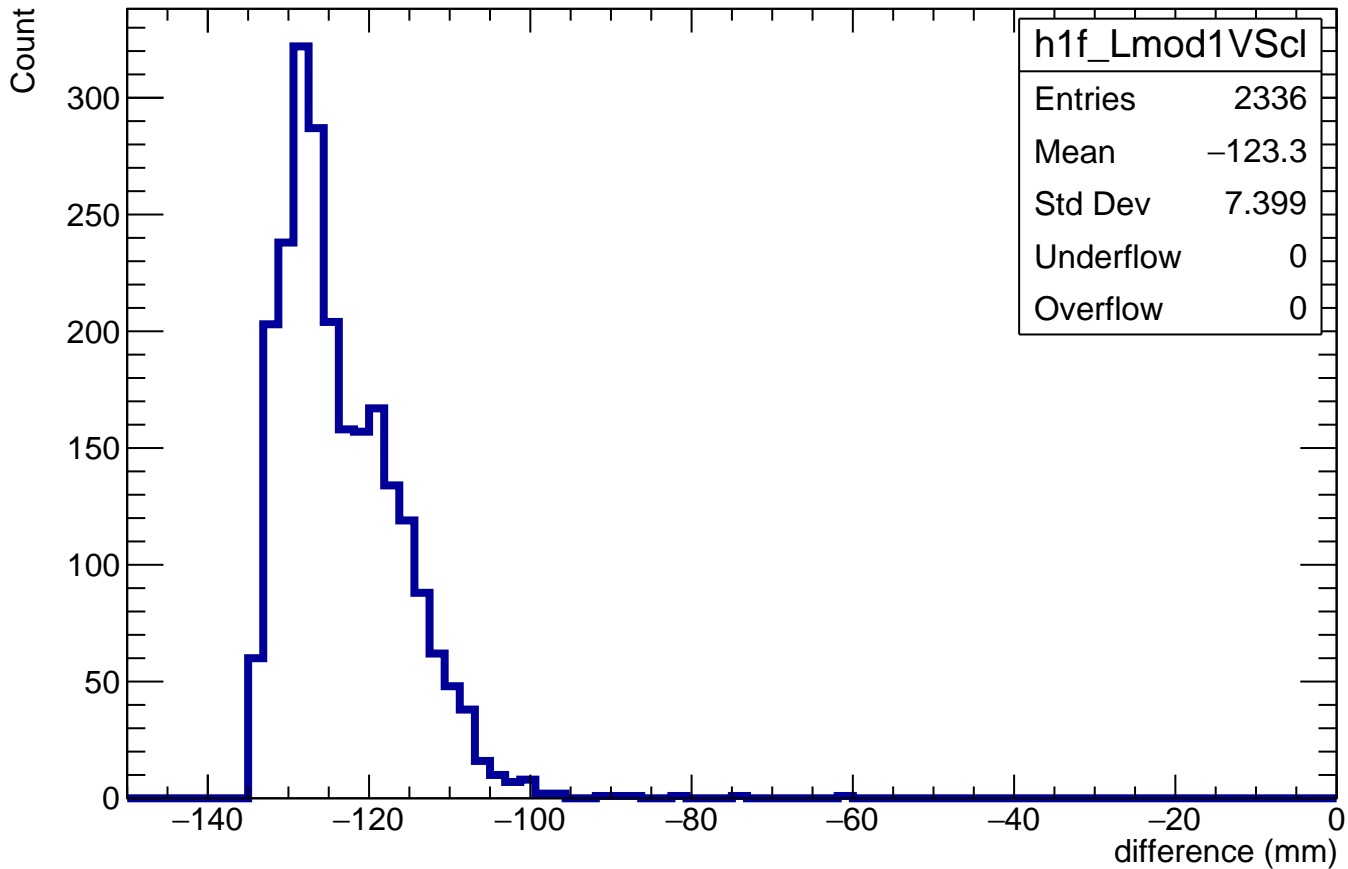
distance of track in cluster



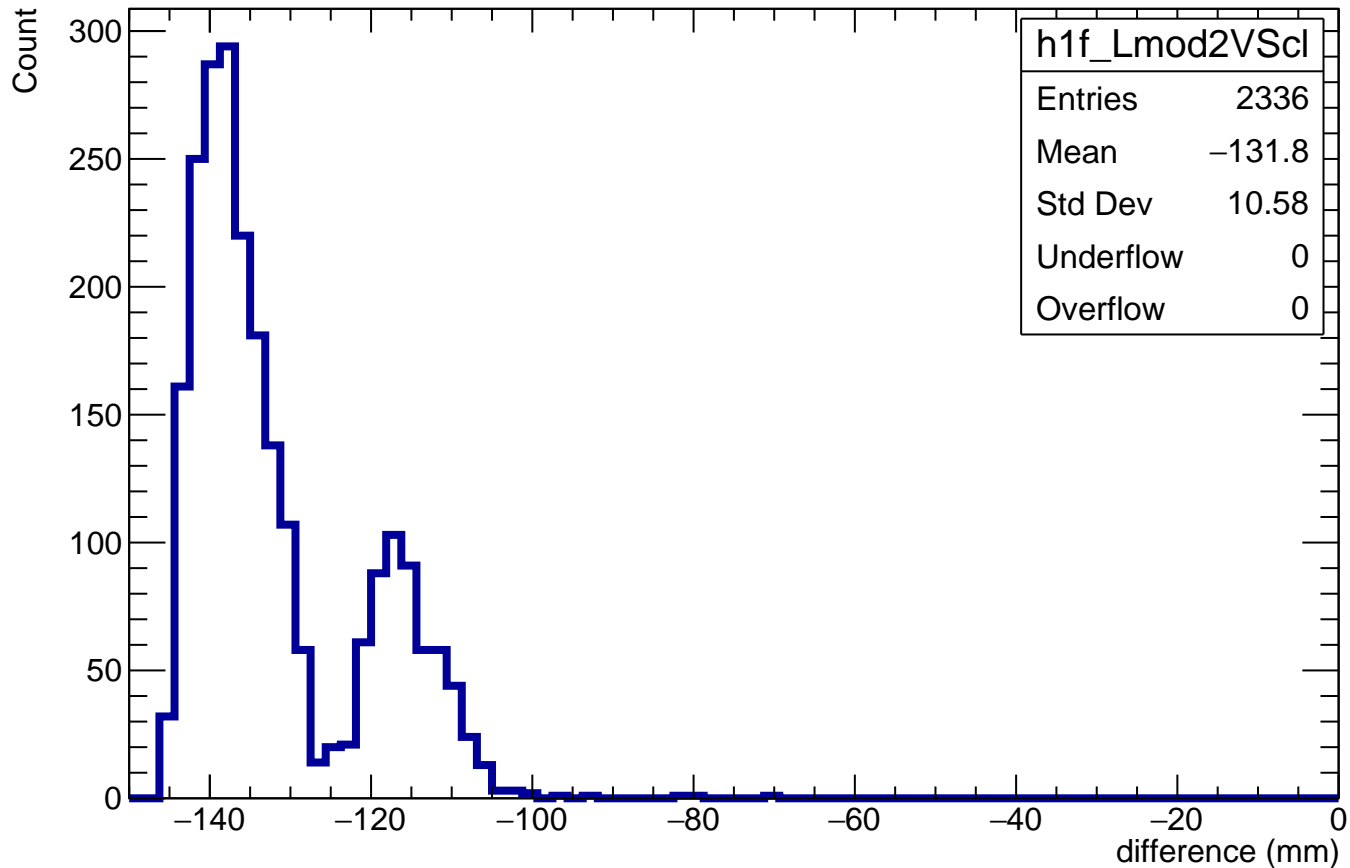
# Correction $A_{\text{max}}$ ratio



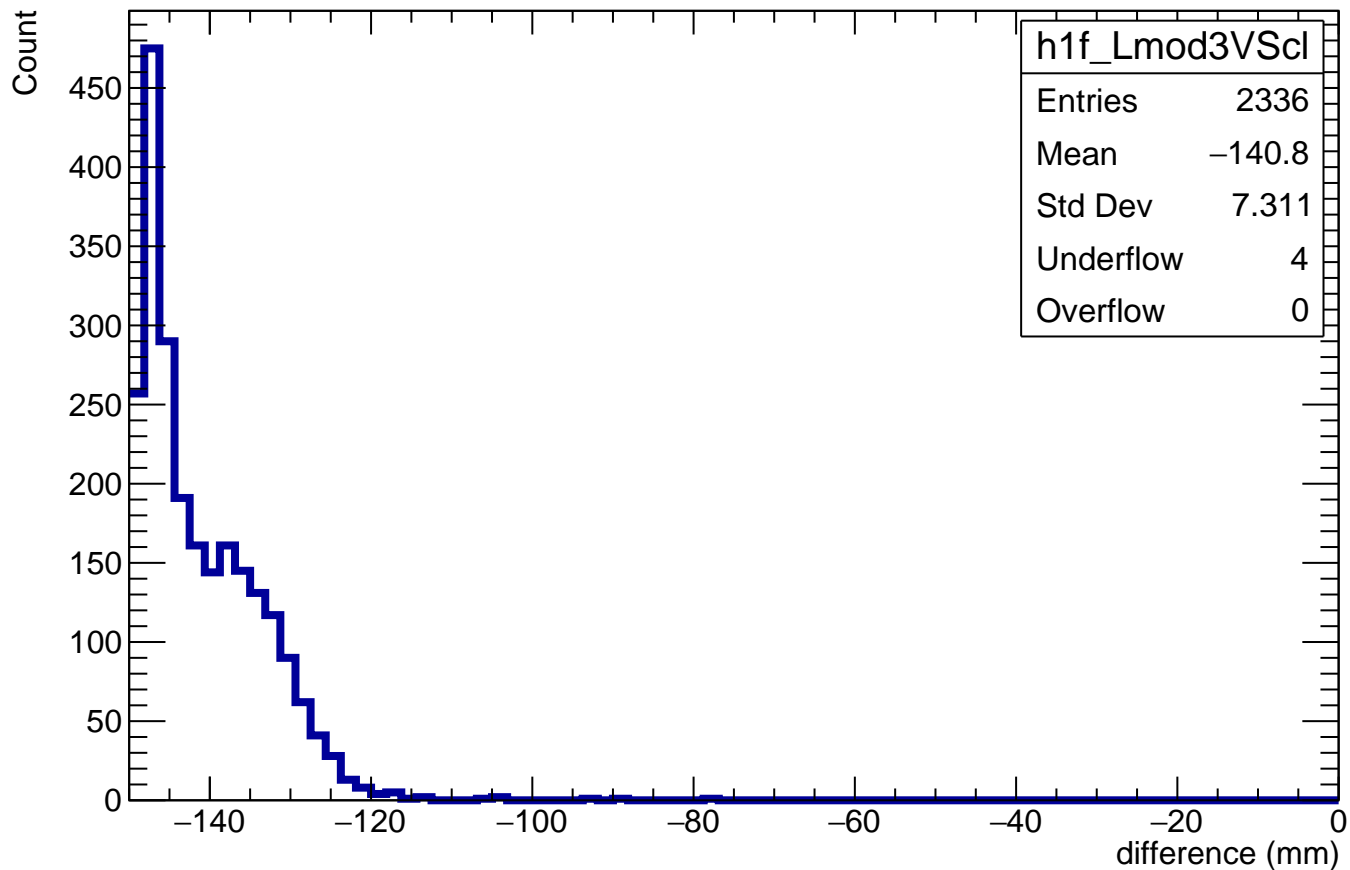
$$L_{\text{ERAM}}^{*0.7} - \Sigma L_{\text{clus} > 2\text{mm}}$$



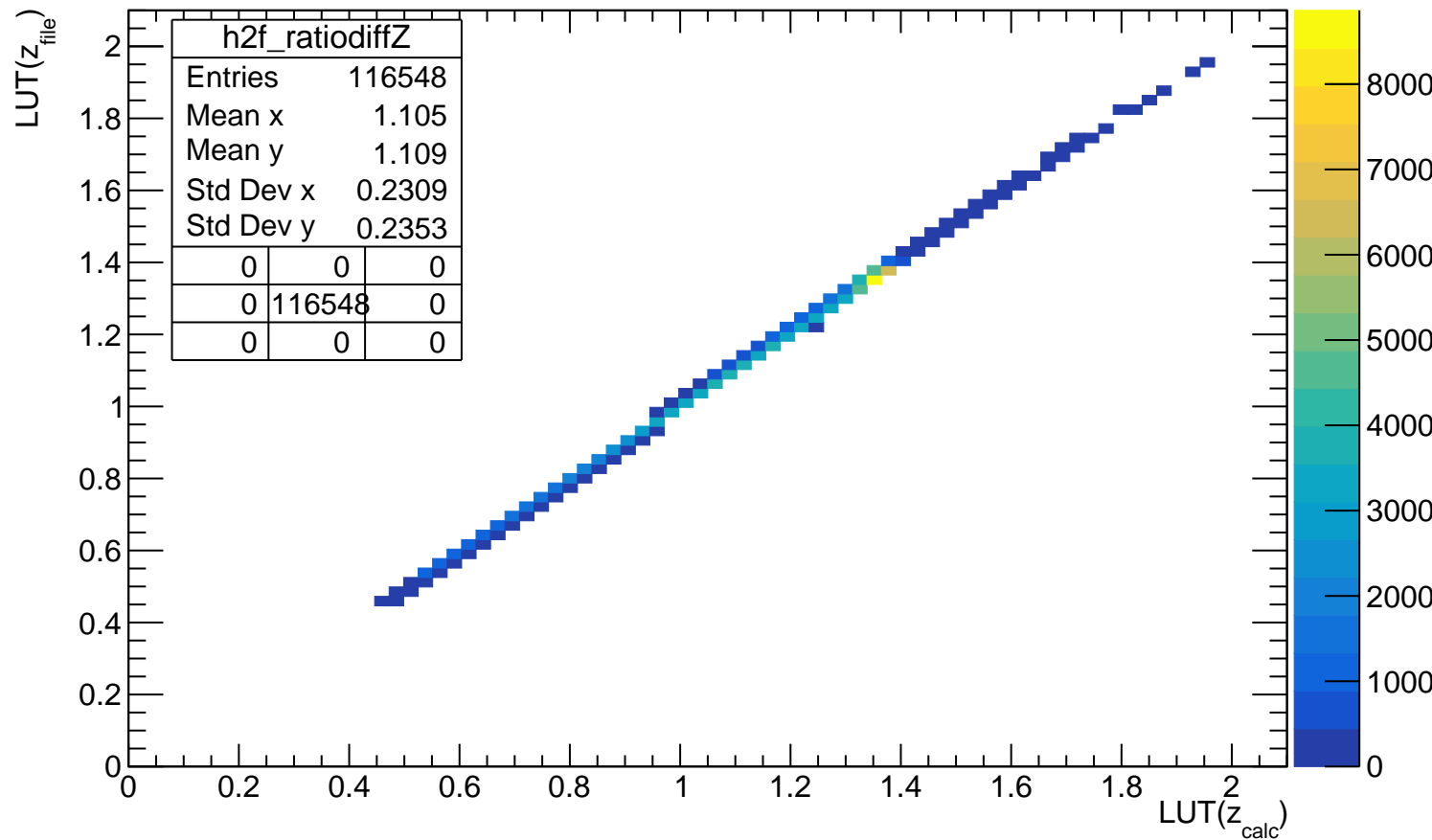
$$L_{\text{ERAM}} * (N_{\text{trunc cross}} / N_{\text{clus cross} > 2\text{mm}}) - \sum L_{\text{clus} > 2\text{mm}}$$



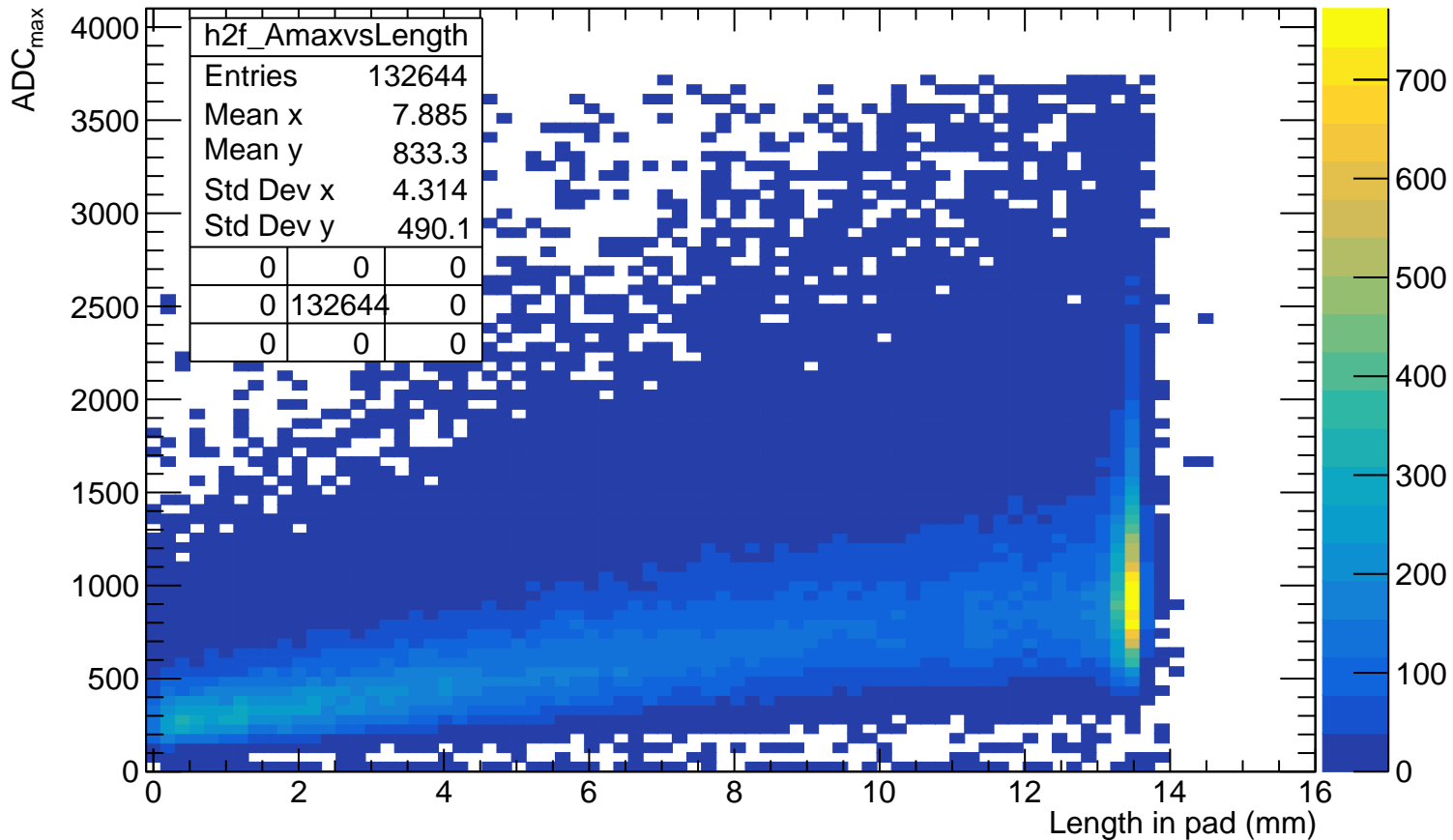
$$L_{\text{ERAM}} * (N_{\text{trunc}} / N_{\text{clus}}) - \sum L_{\text{clus}}$$



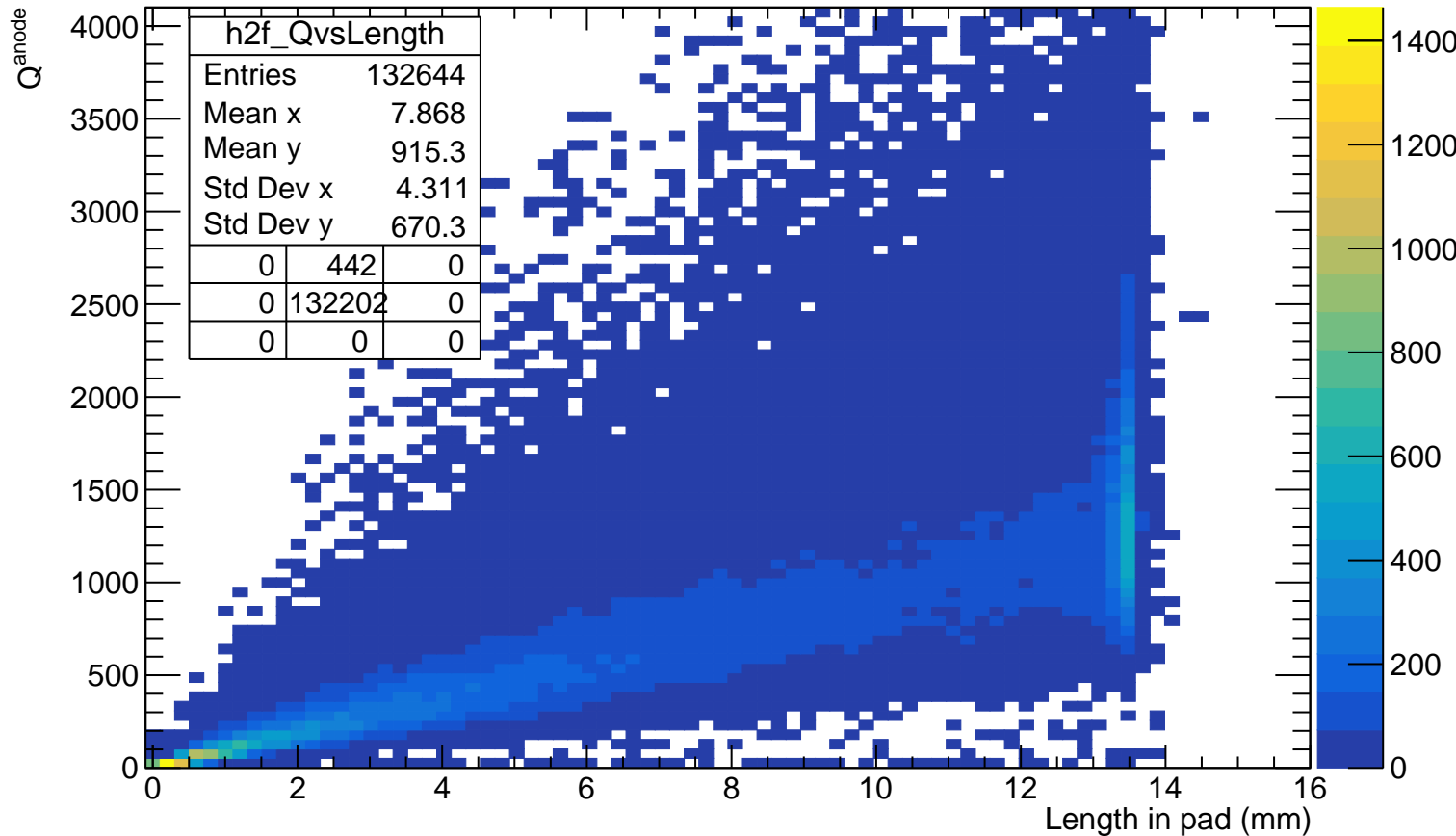
# LUT( $z_{\text{file}}$ ) vs LUT( $z_{\text{calc}}$ )



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

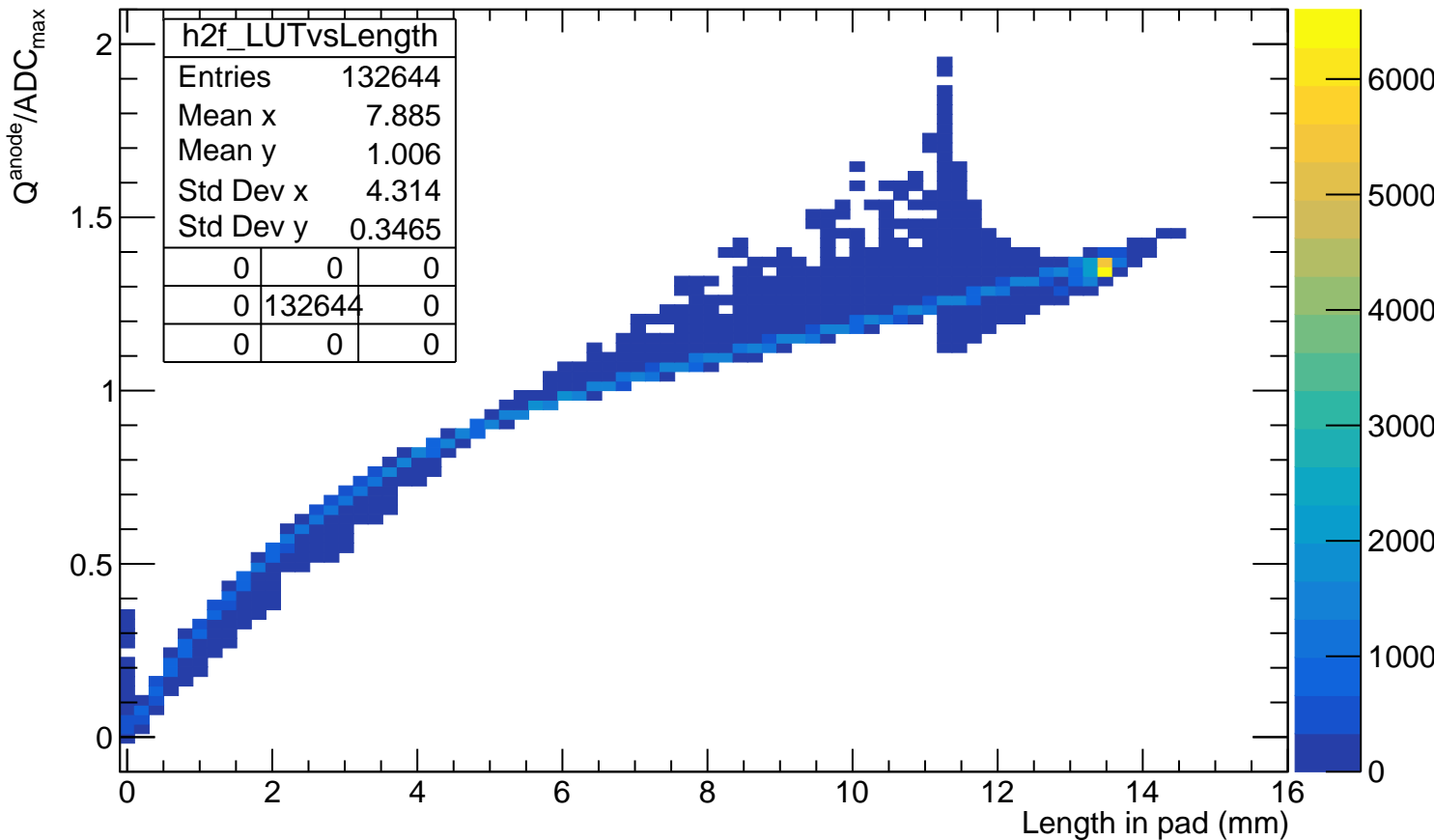


# $Q^{\text{anode}}$ VS length in pad (before length cut)

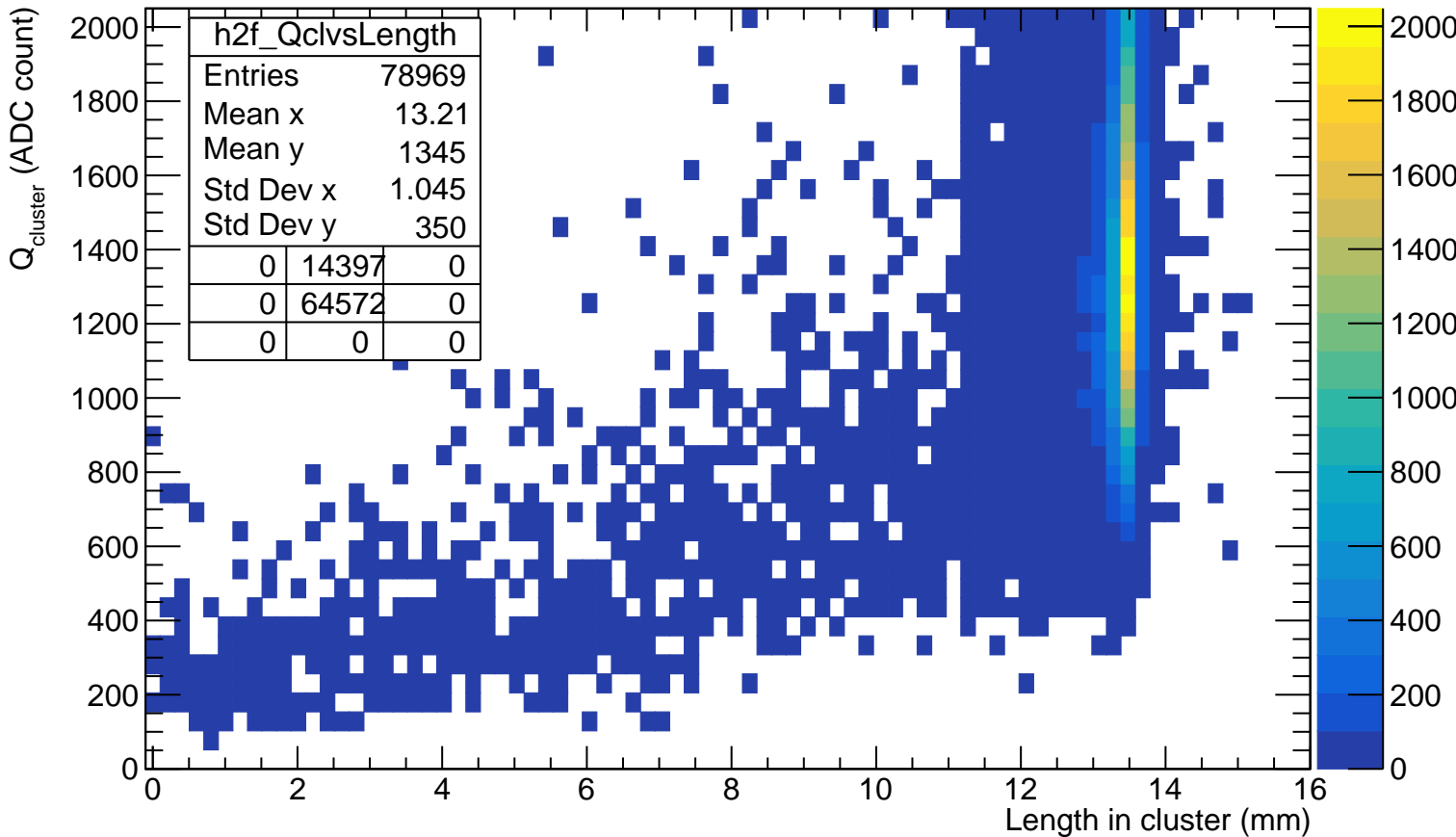


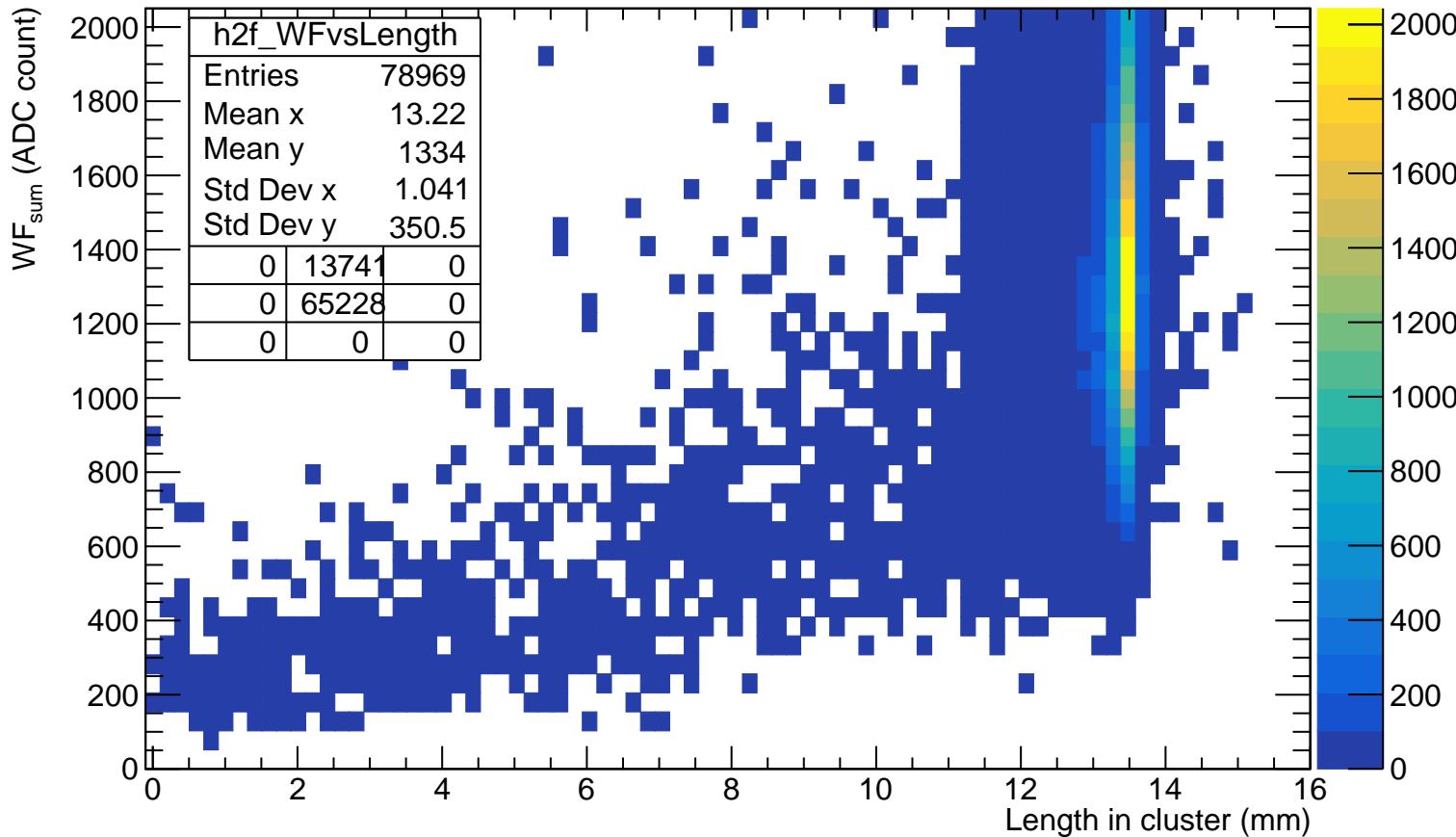


$Q^{\text{anode}}/\text{ADC}_{\text{max}}$  VS length in pad (before length cut)

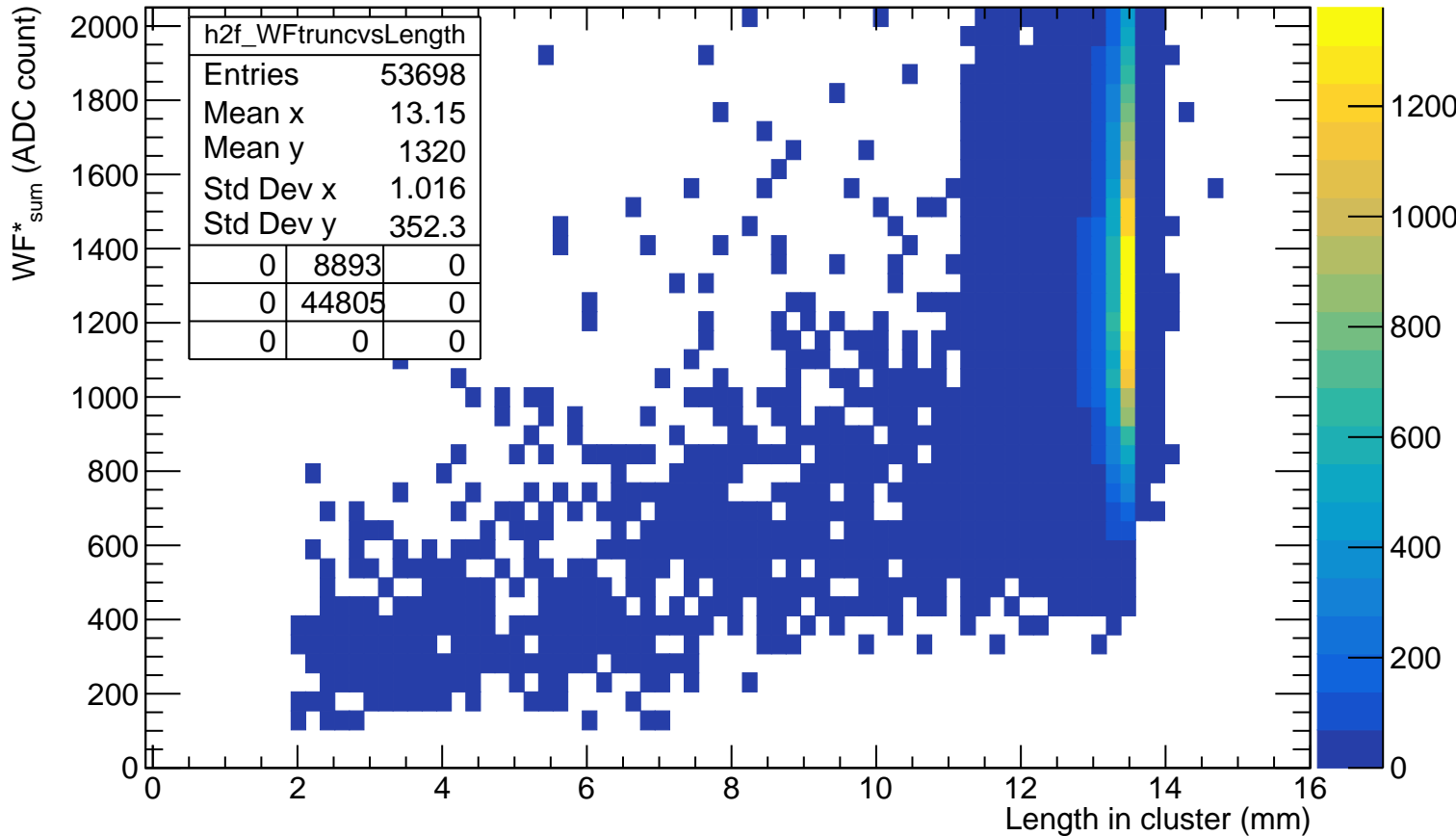


# $Q_{\text{cluster}}$ VS length in cluster

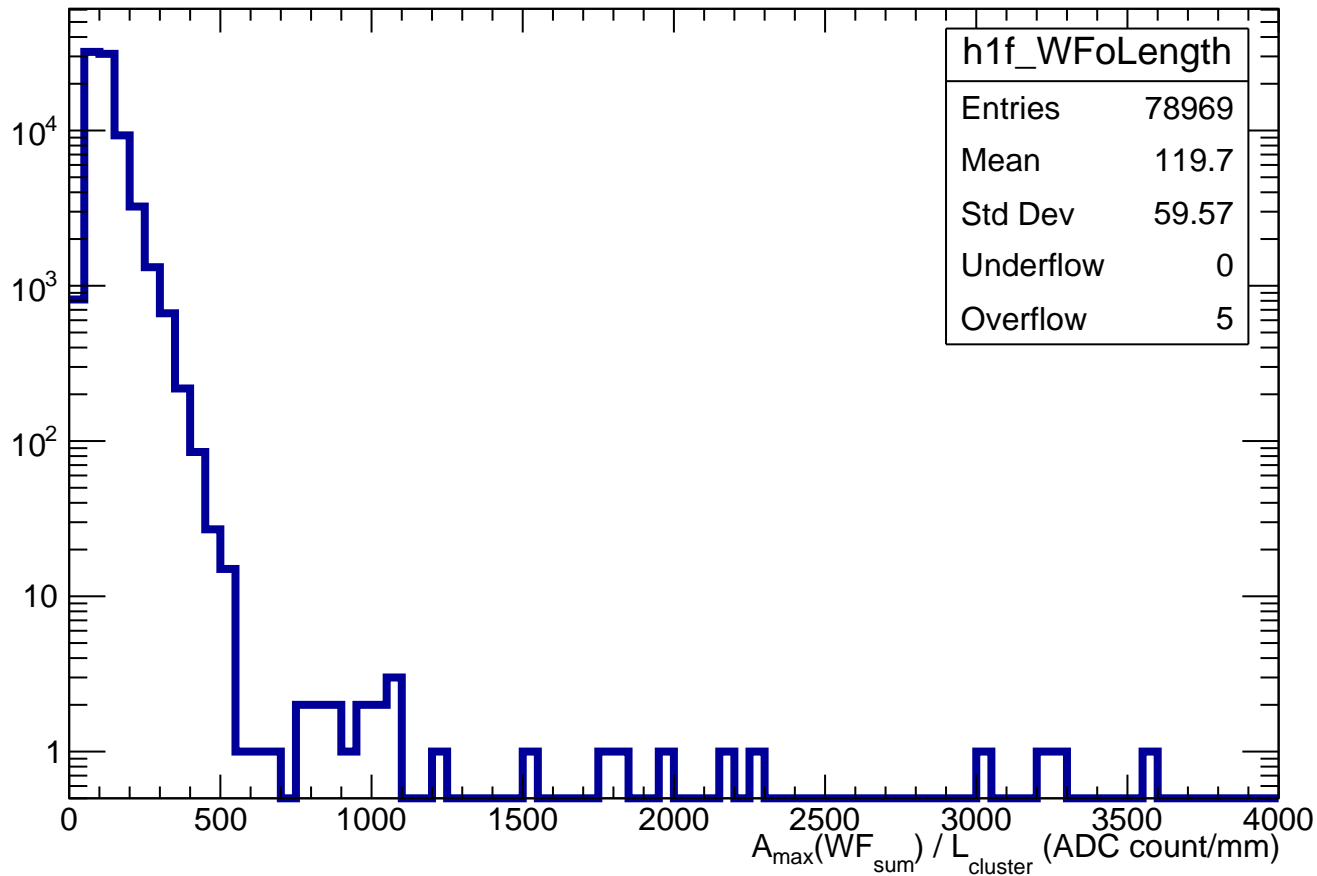


WF<sub>sum</sub> VS length in cluster

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



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



impact parameter d vs length in pad

