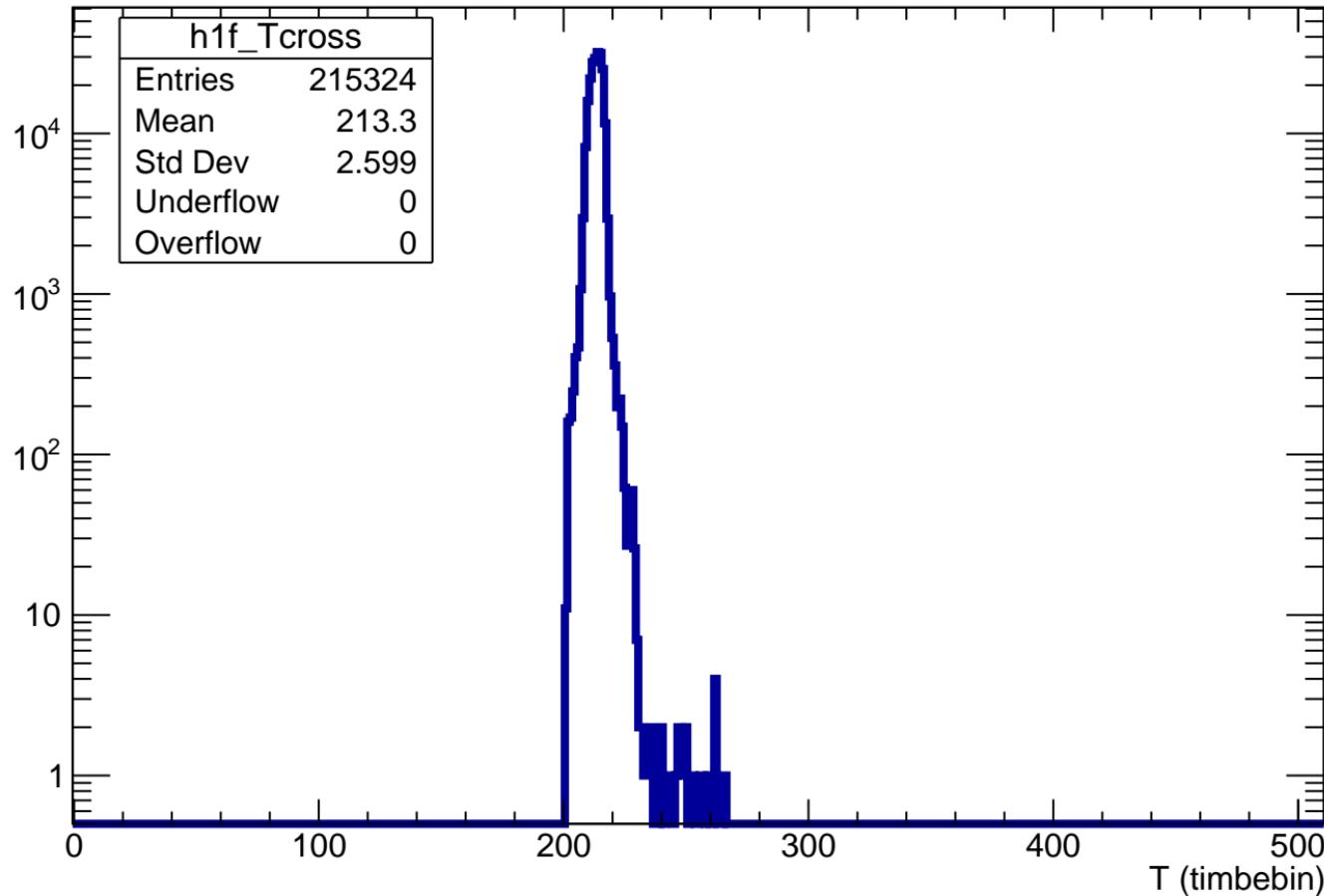
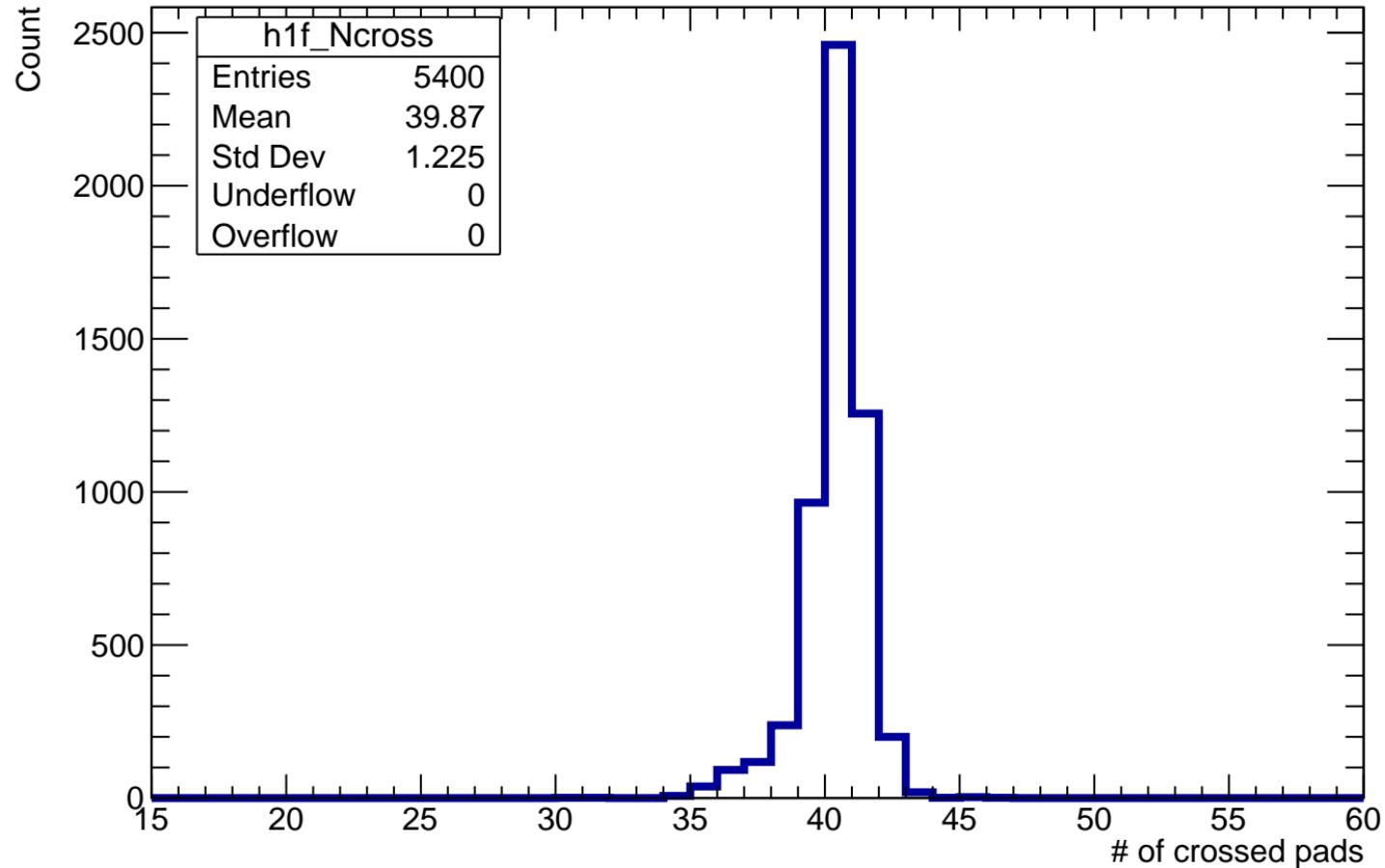


T_{\max} of crossed pads

Count

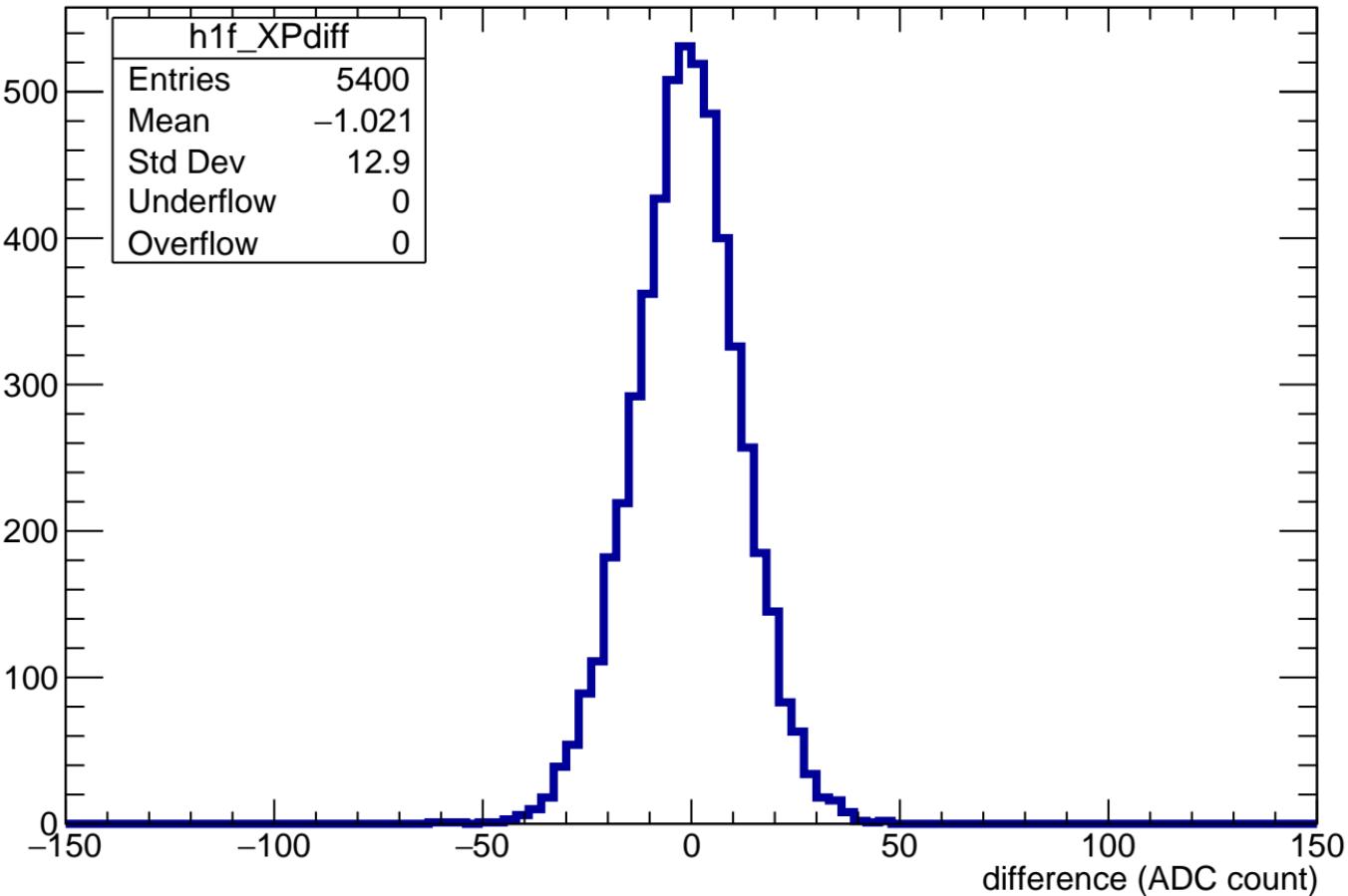


Number of crossed pads



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

Count



$Z_{\text{file}} = 550\text{mm} - Z_{\text{computed}}$

Count

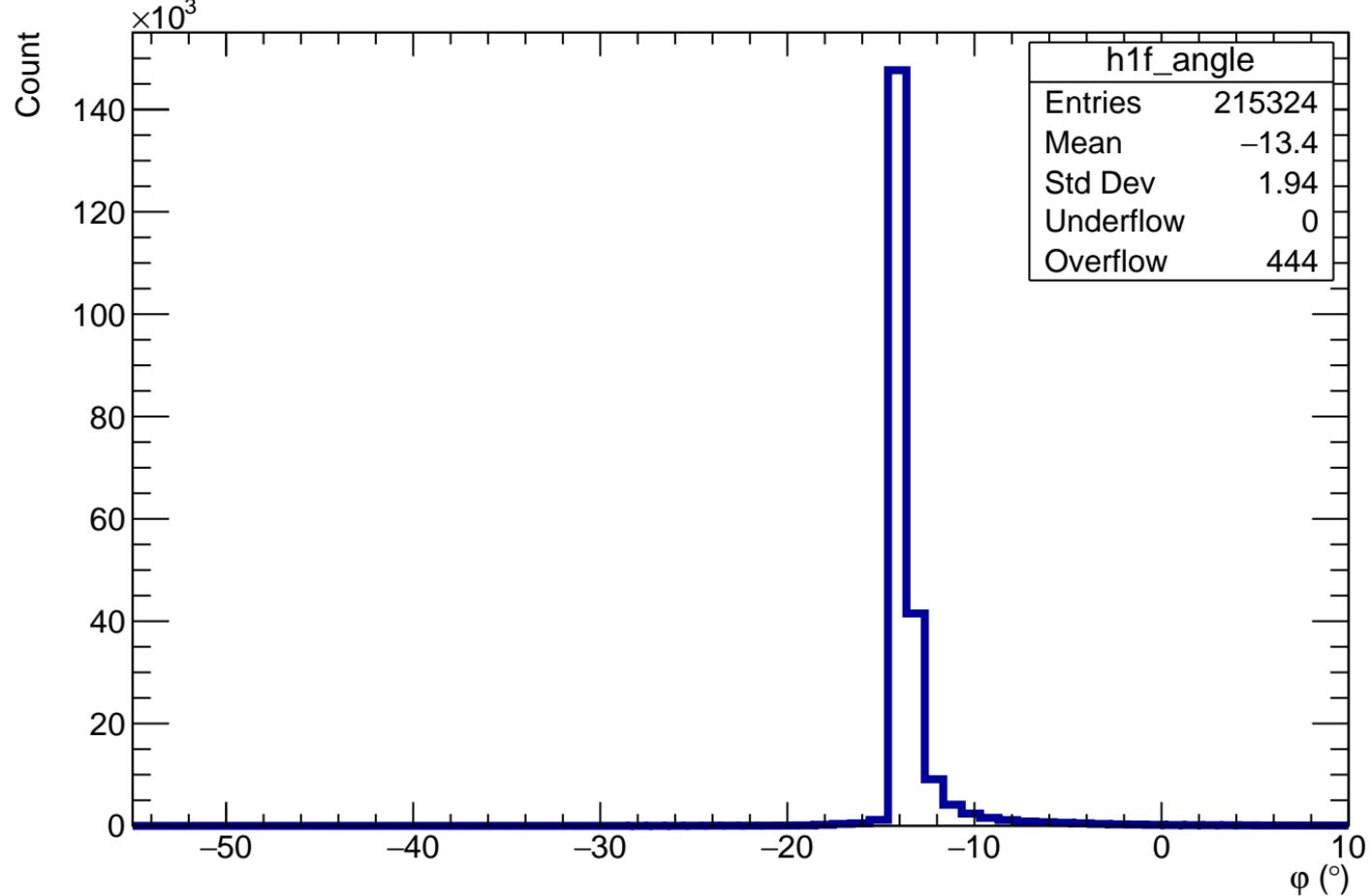
h1f_zdiff	
Entries	215324
Mean	34.21
Std Dev	8.108
Underflow	0
Overflow	0

35000
30000
25000
20000
15000
10000
5000
0

-150 -100 -50 0 50 100 150

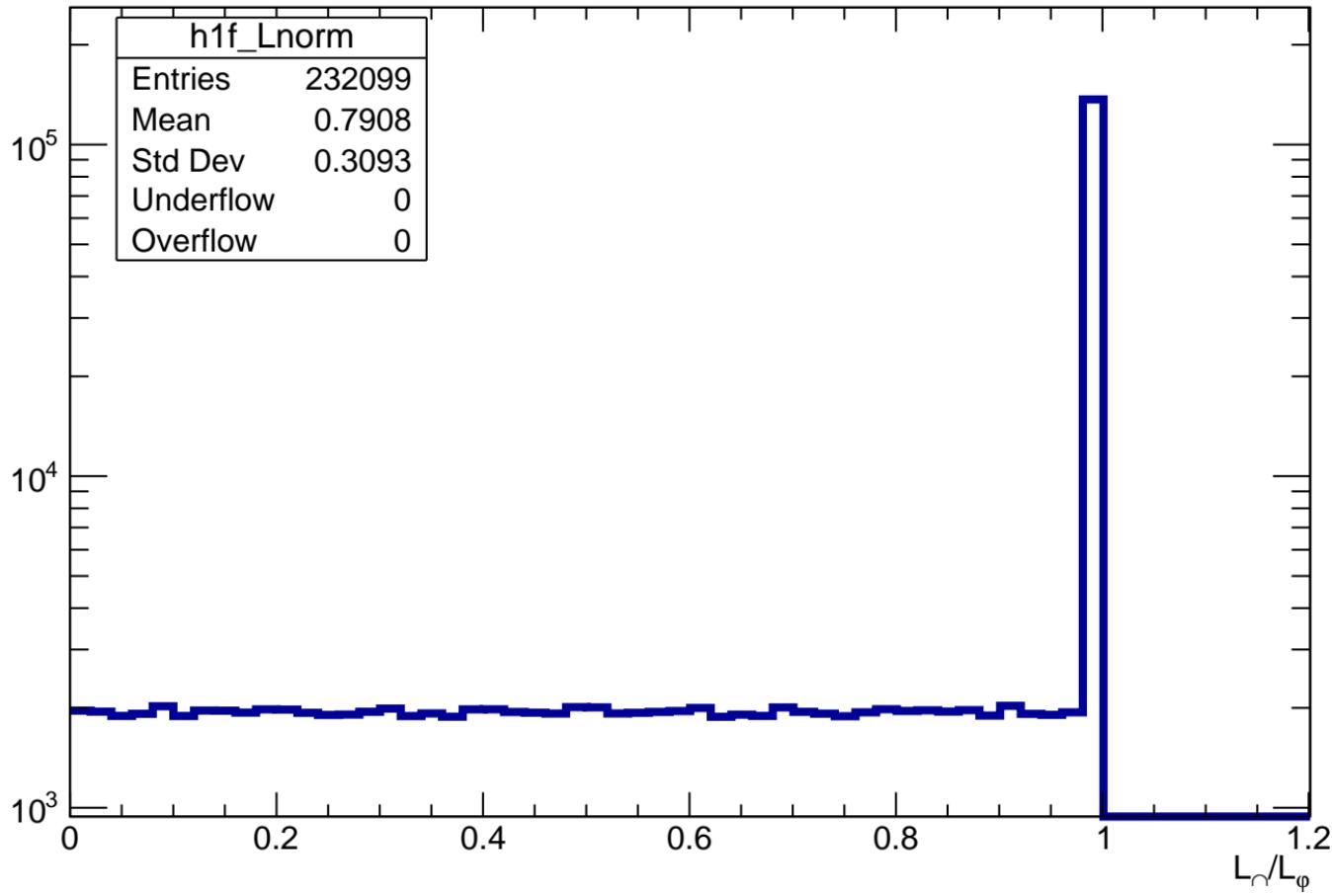
difference (mm)

Angle φ in each pad

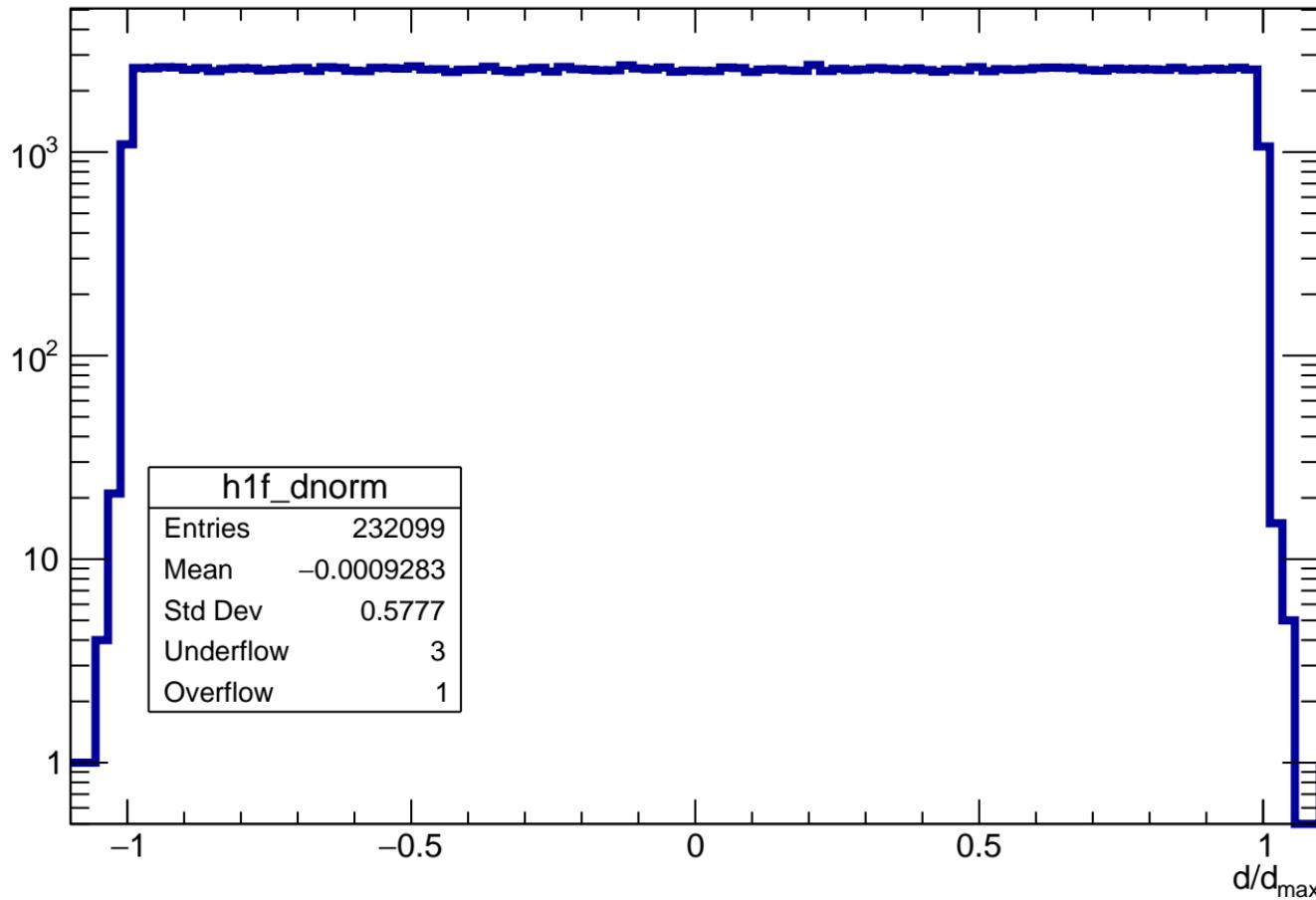


Length in pad normalized to maximum length in pad for a given ϕ

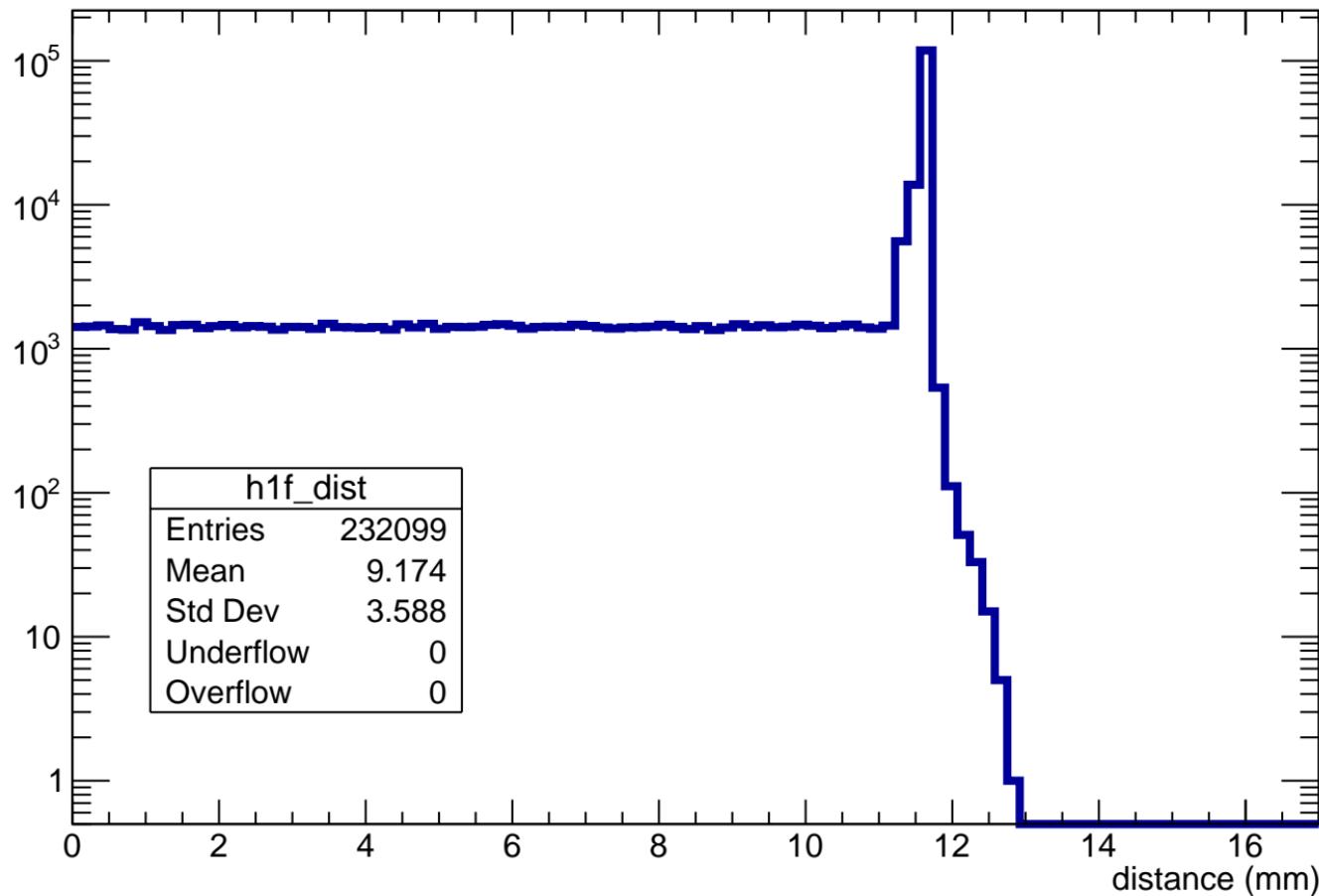
Count



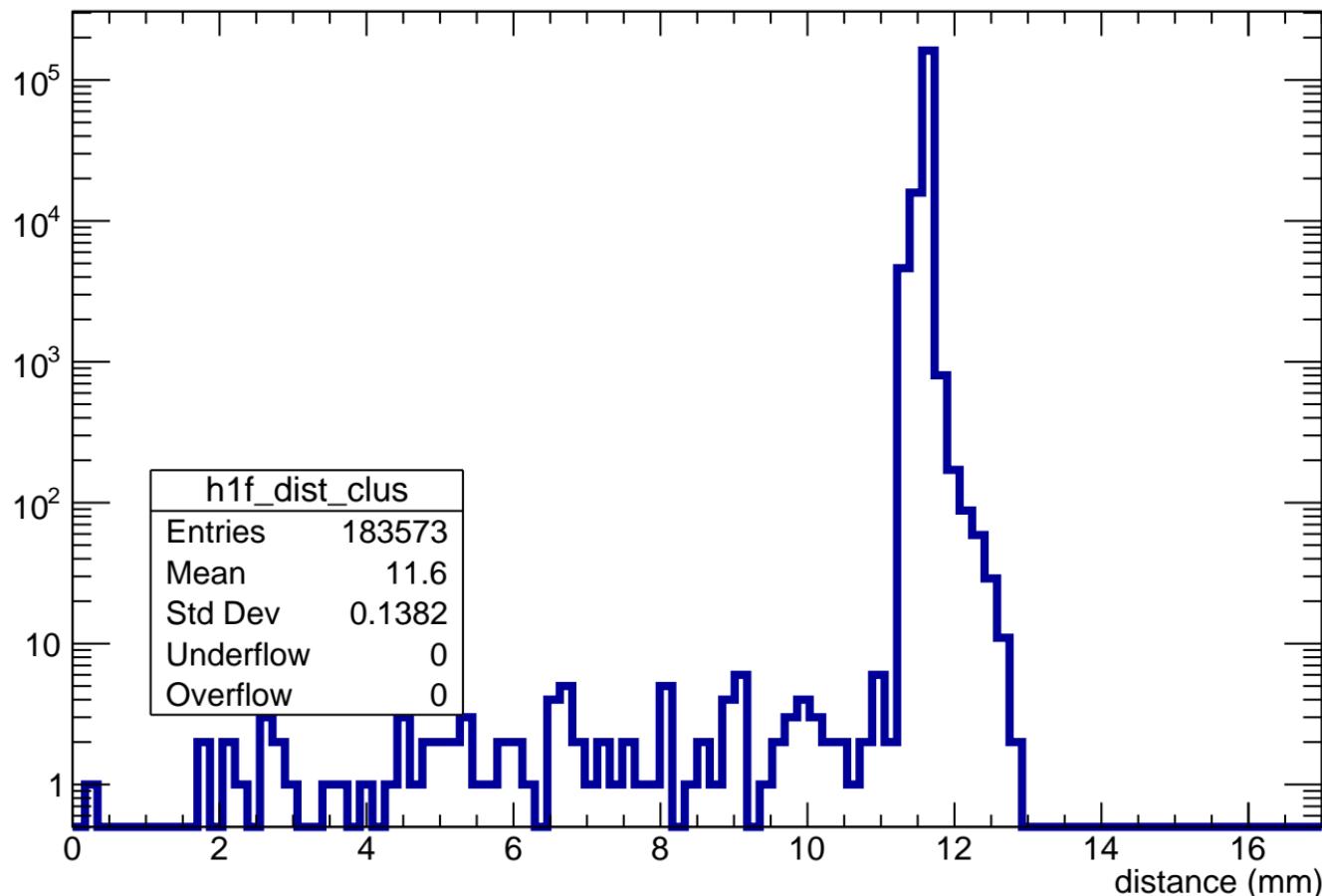
Normalized impact parameter d/d_{\max}



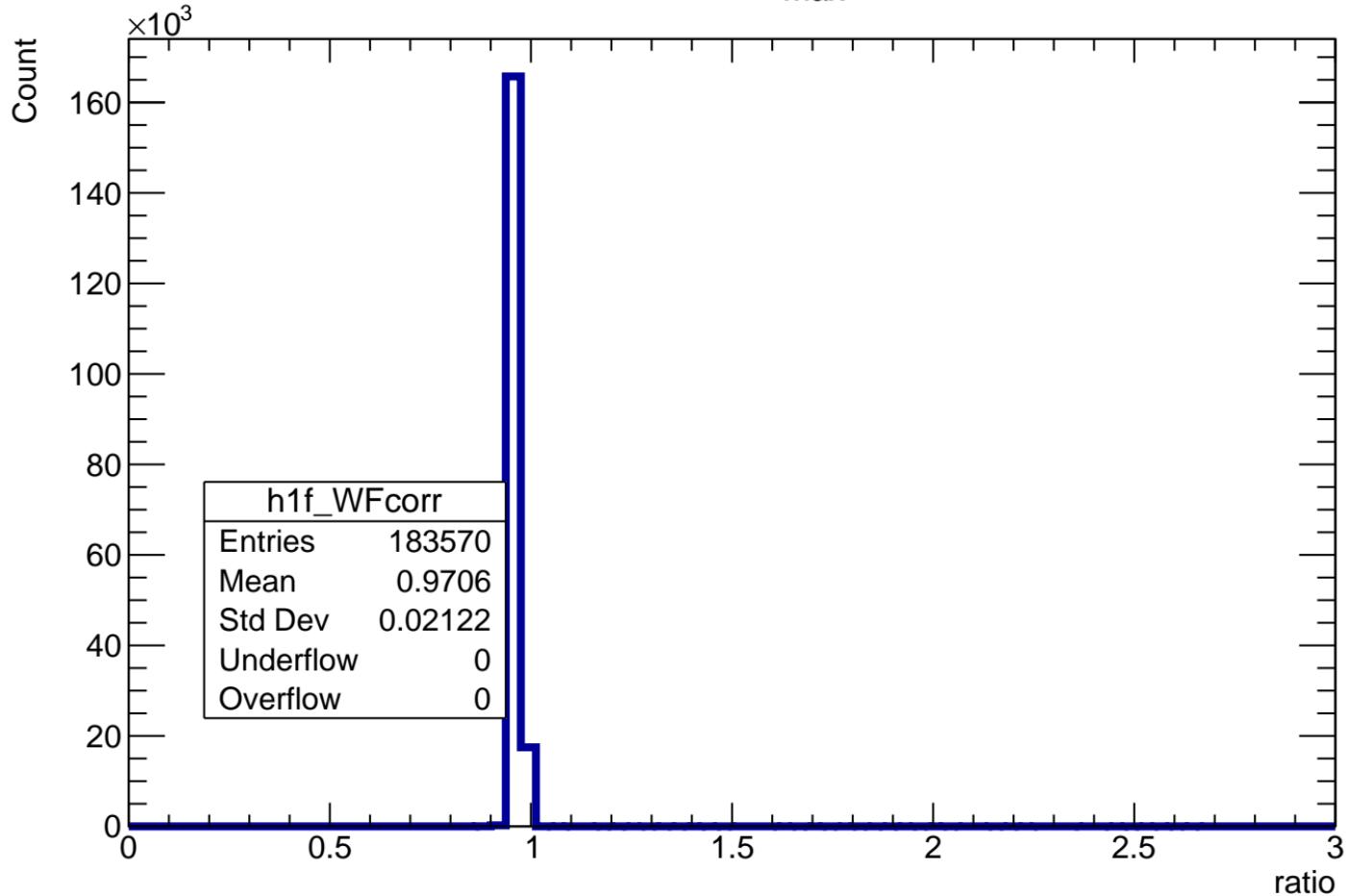
distance of track in pad



distance of track in cluster

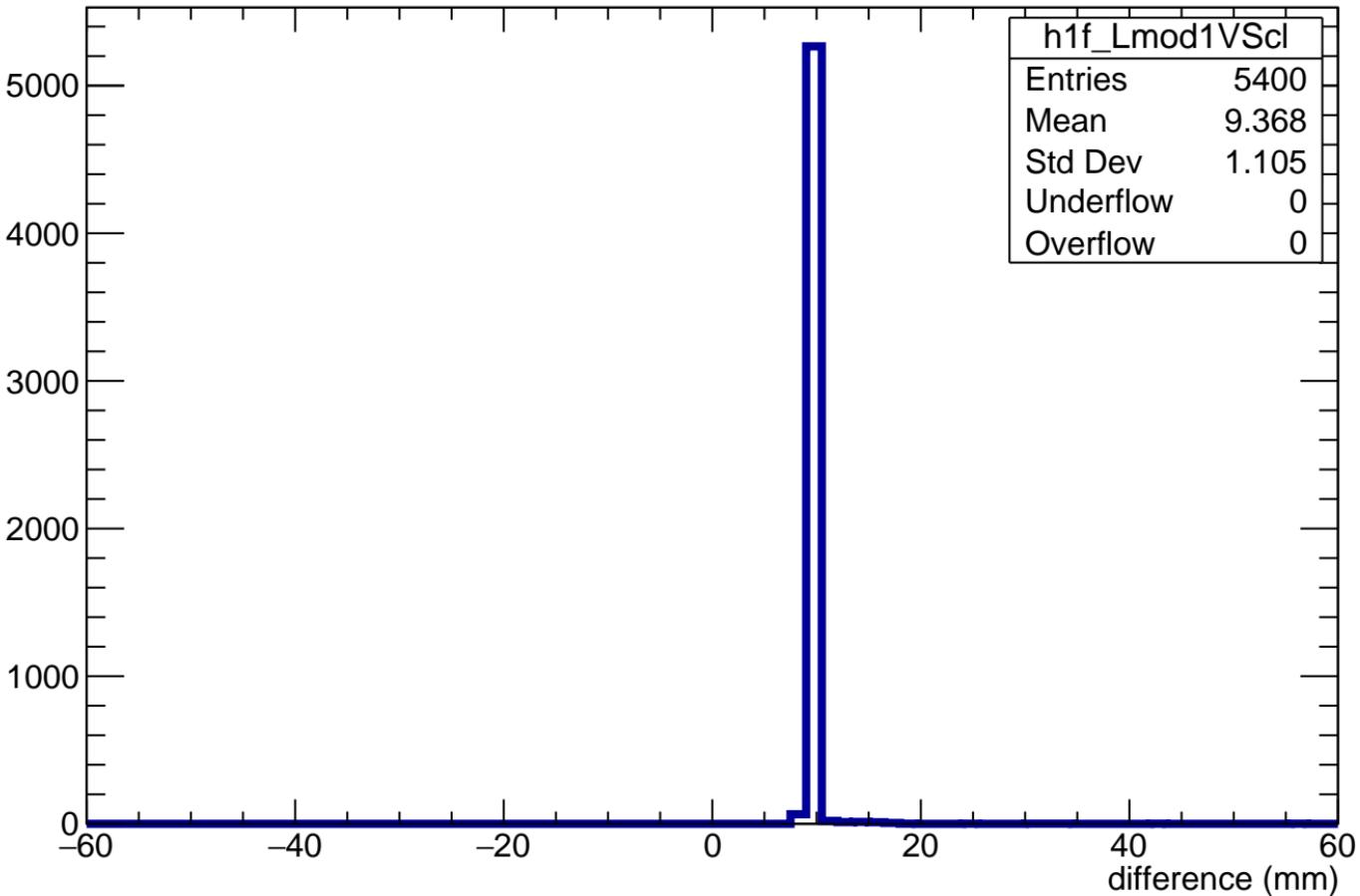


Correction A_{max} ratio

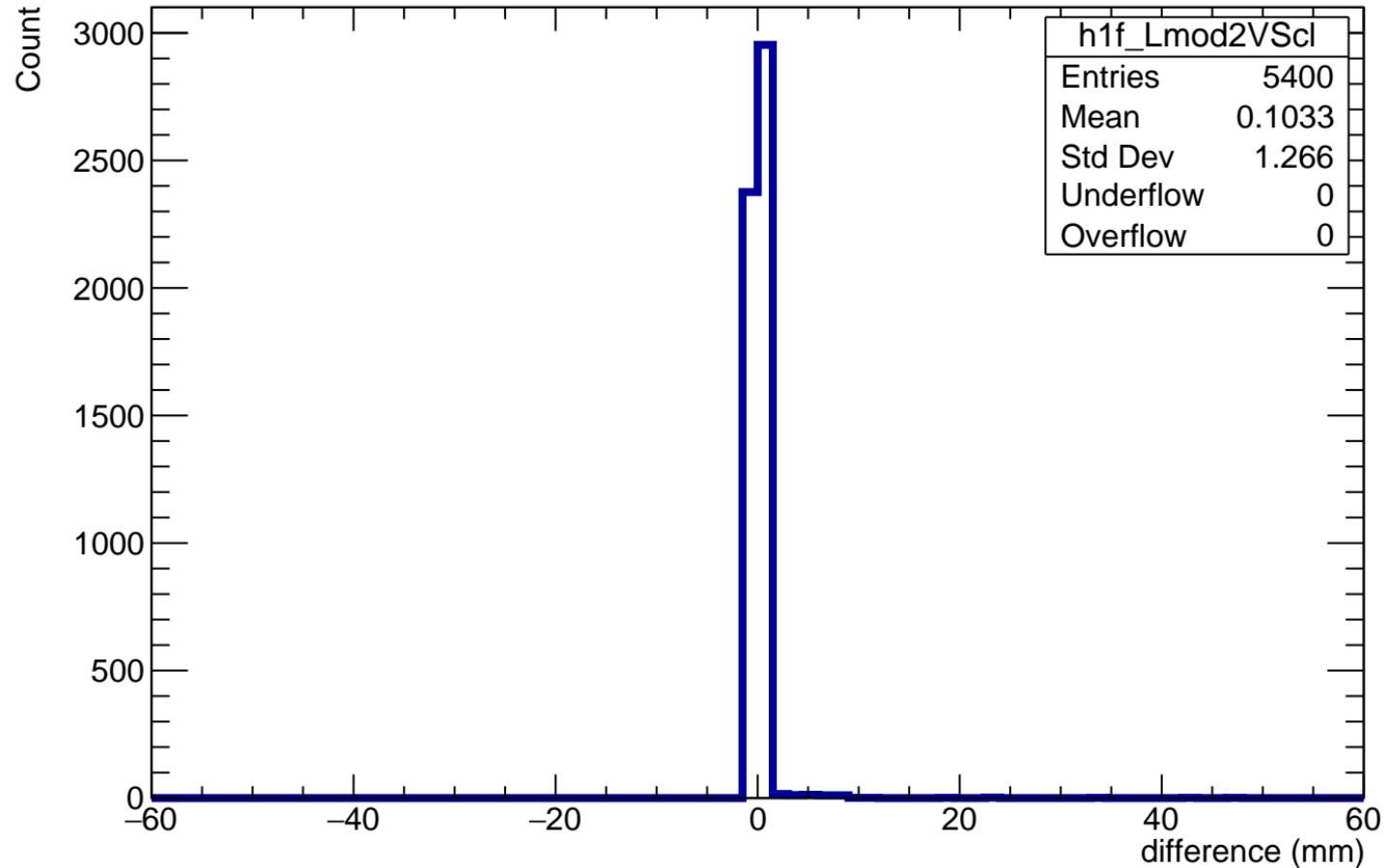


$L_{\text{ERAM}} * 0.7 - \sum L_{\text{clus} > 2\text{mm}}$

Count

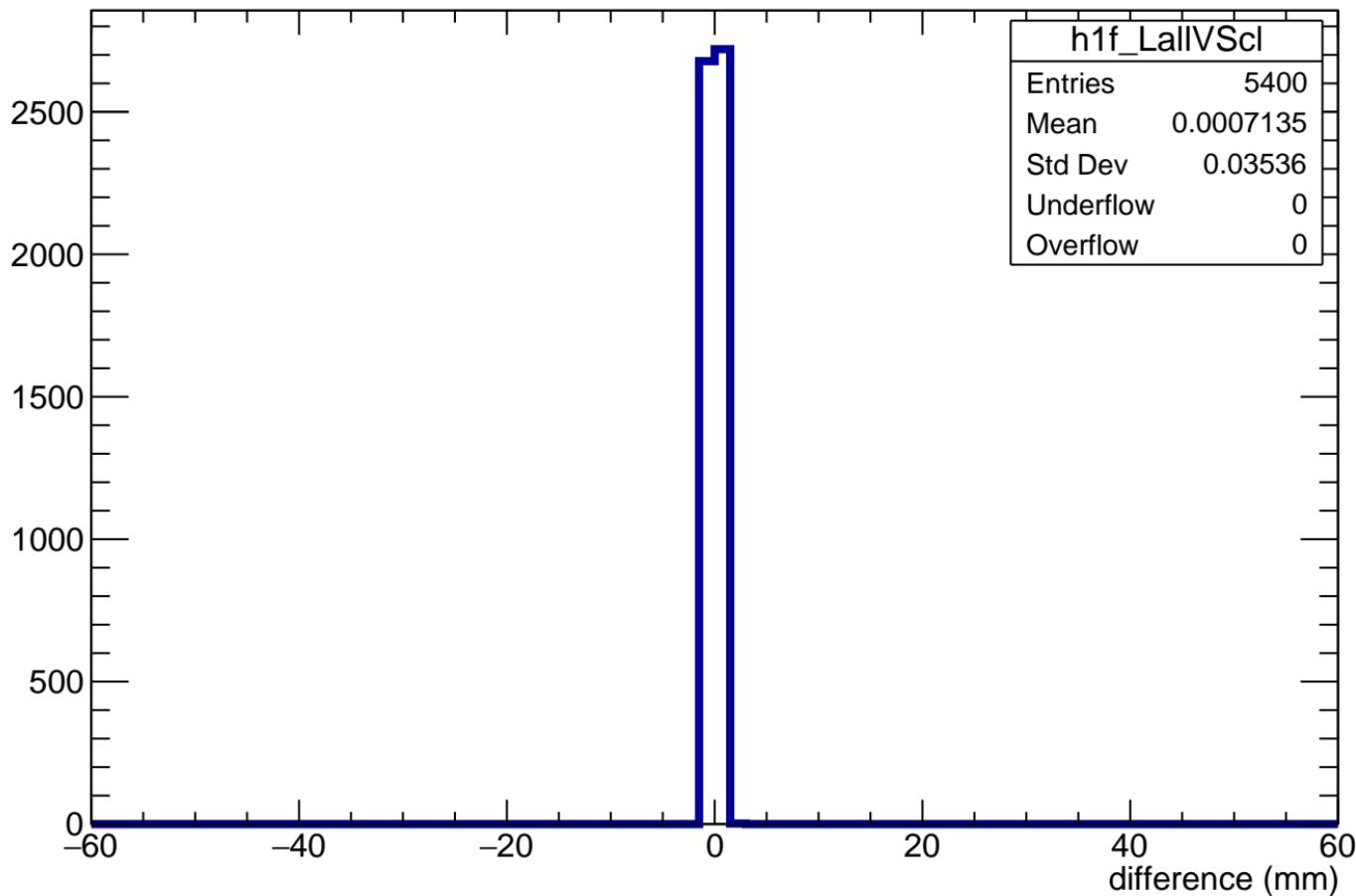


$$L_{\text{ERAM}} * \left(\frac{N_{\text{trunc cross}}}{N_{\text{clus cross} > 2\text{mm}}} \right) - \sum L_{\text{clus} > 2\text{mm}}$$

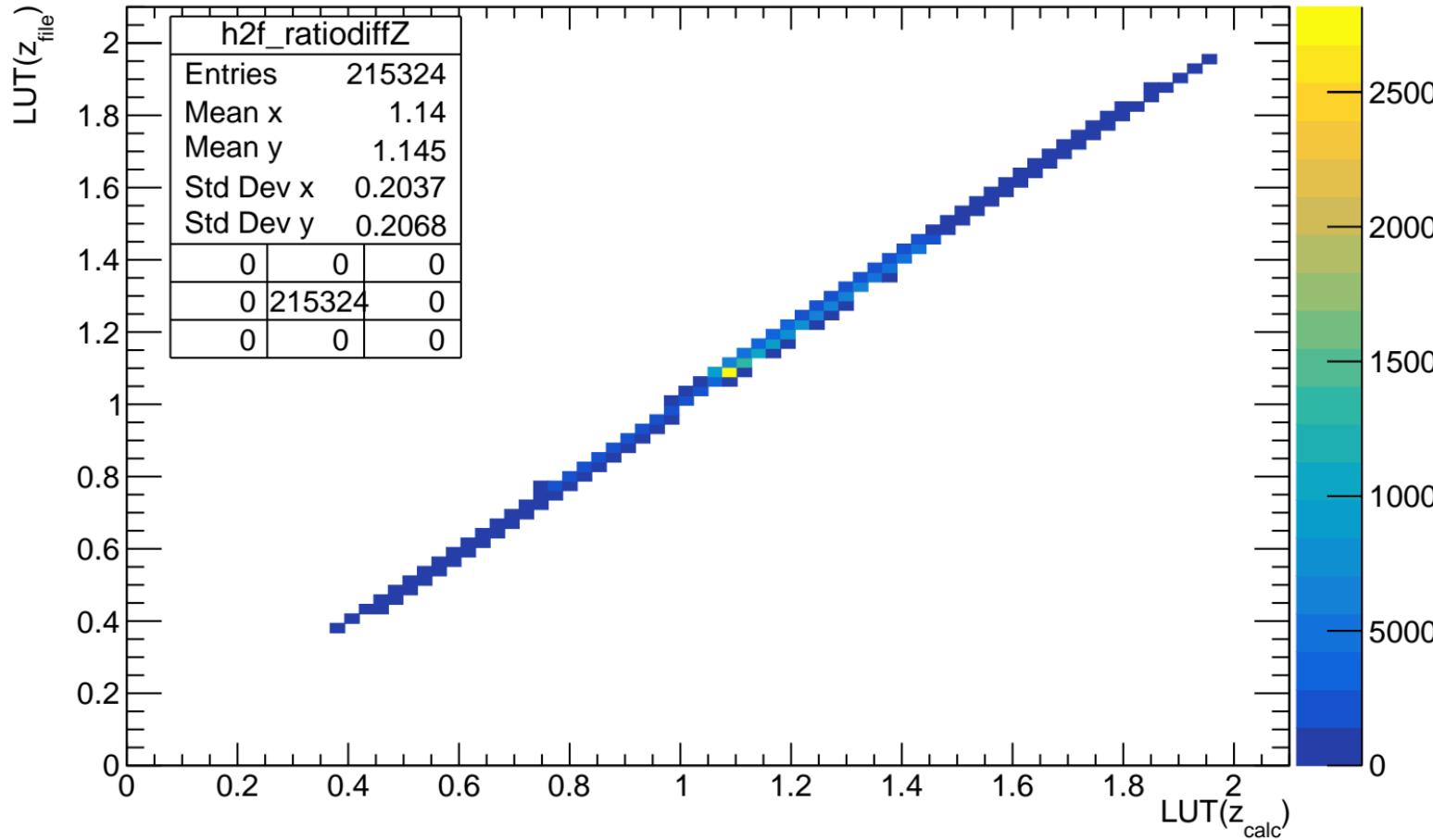


$L_{\text{clusters}} - L_{\text{clusters} > 2\text{mm}}$

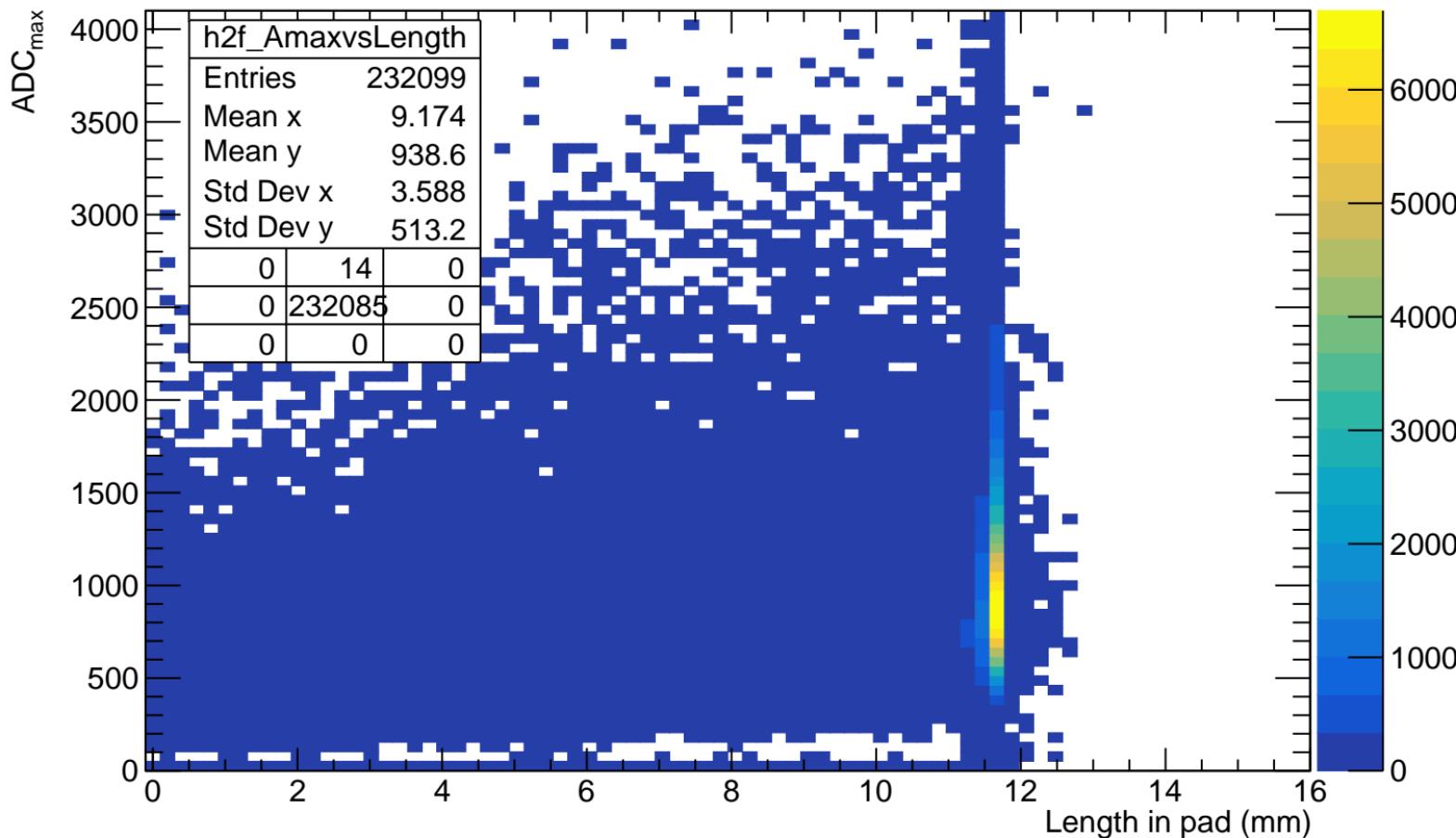
Count



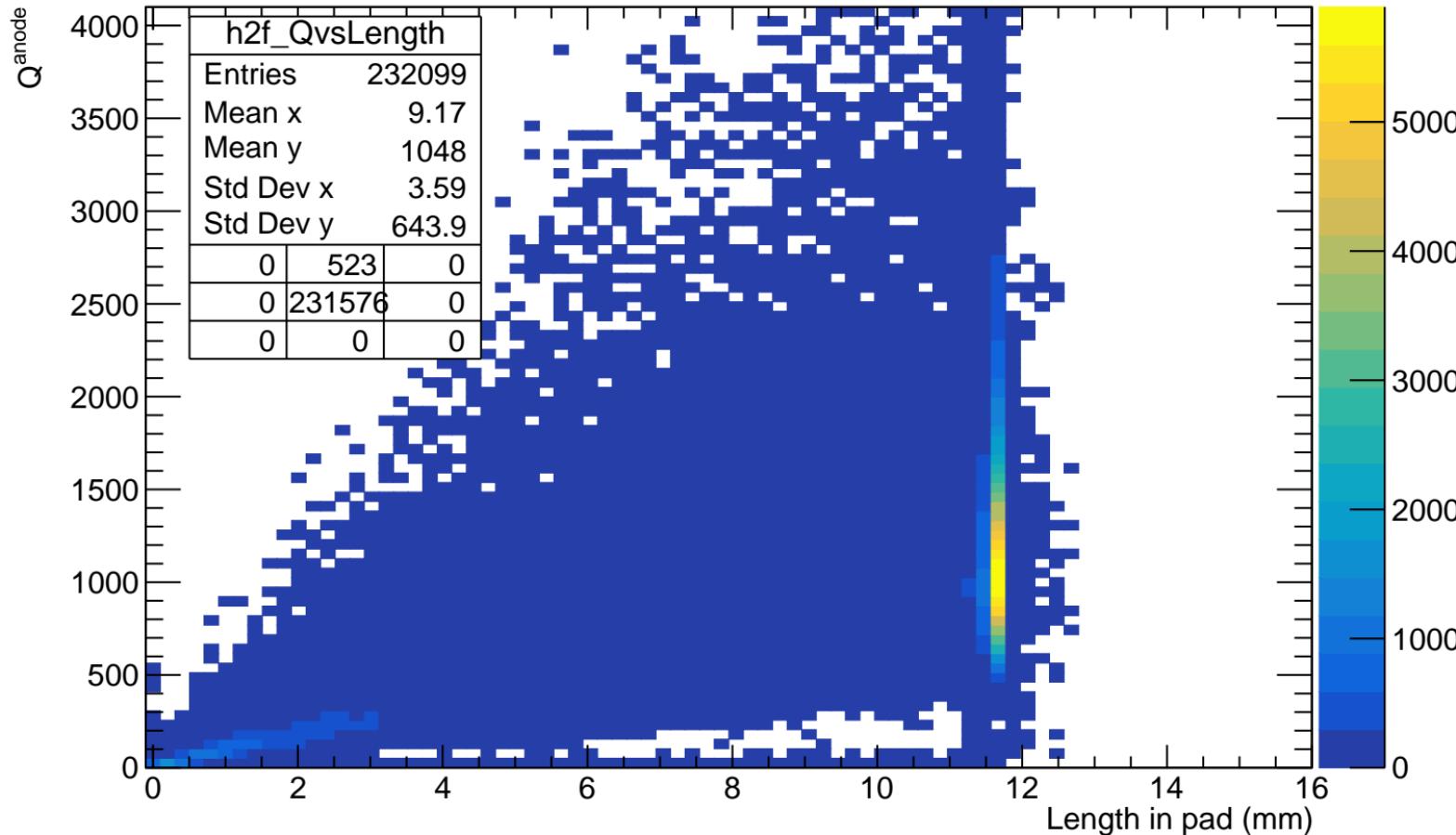
LUT(z_{file}) vs LUT(z_{calc})



ADC_{max} VS length in pad (before length cut)

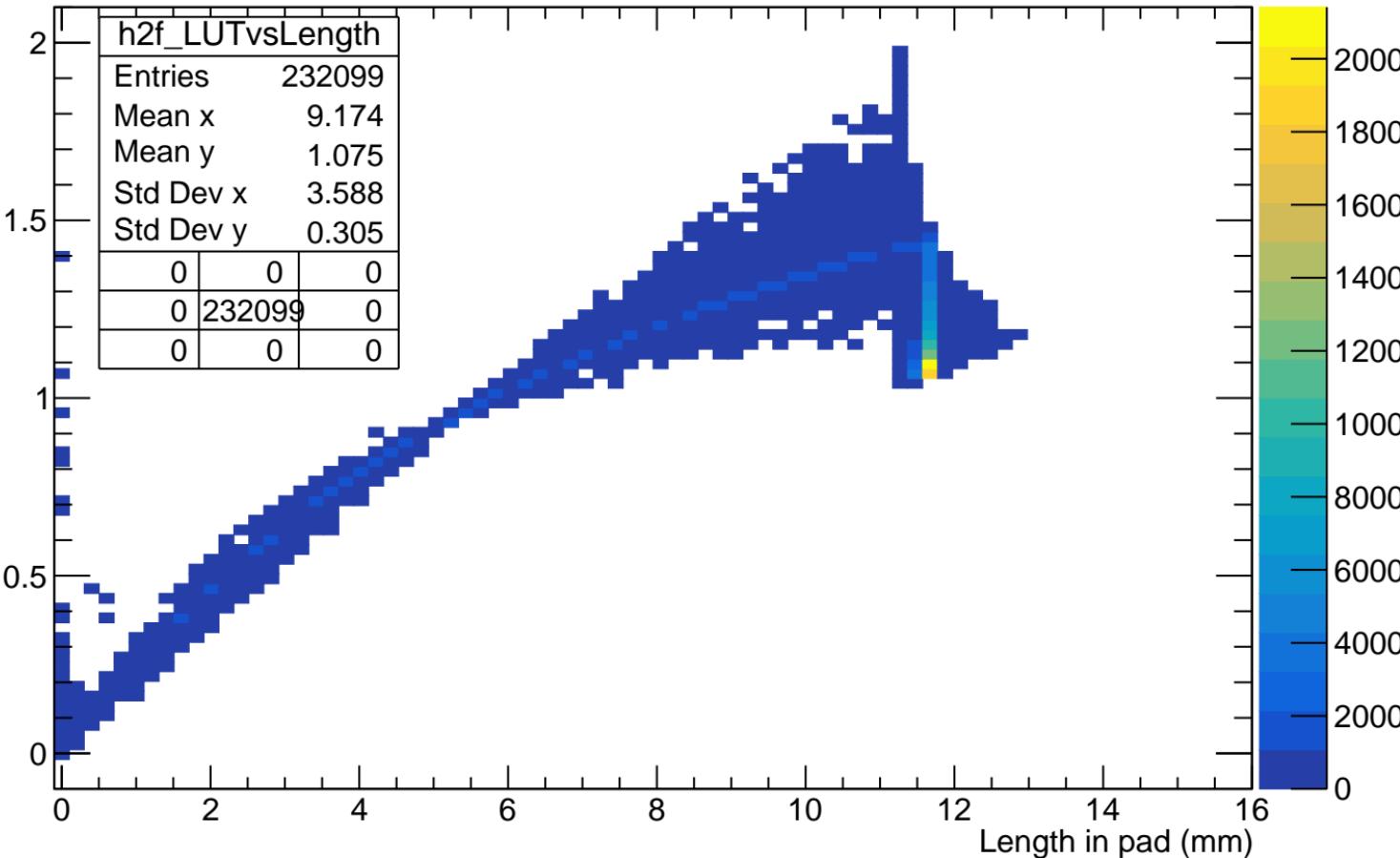


Q^{anode} VS length in pad (before length cut)

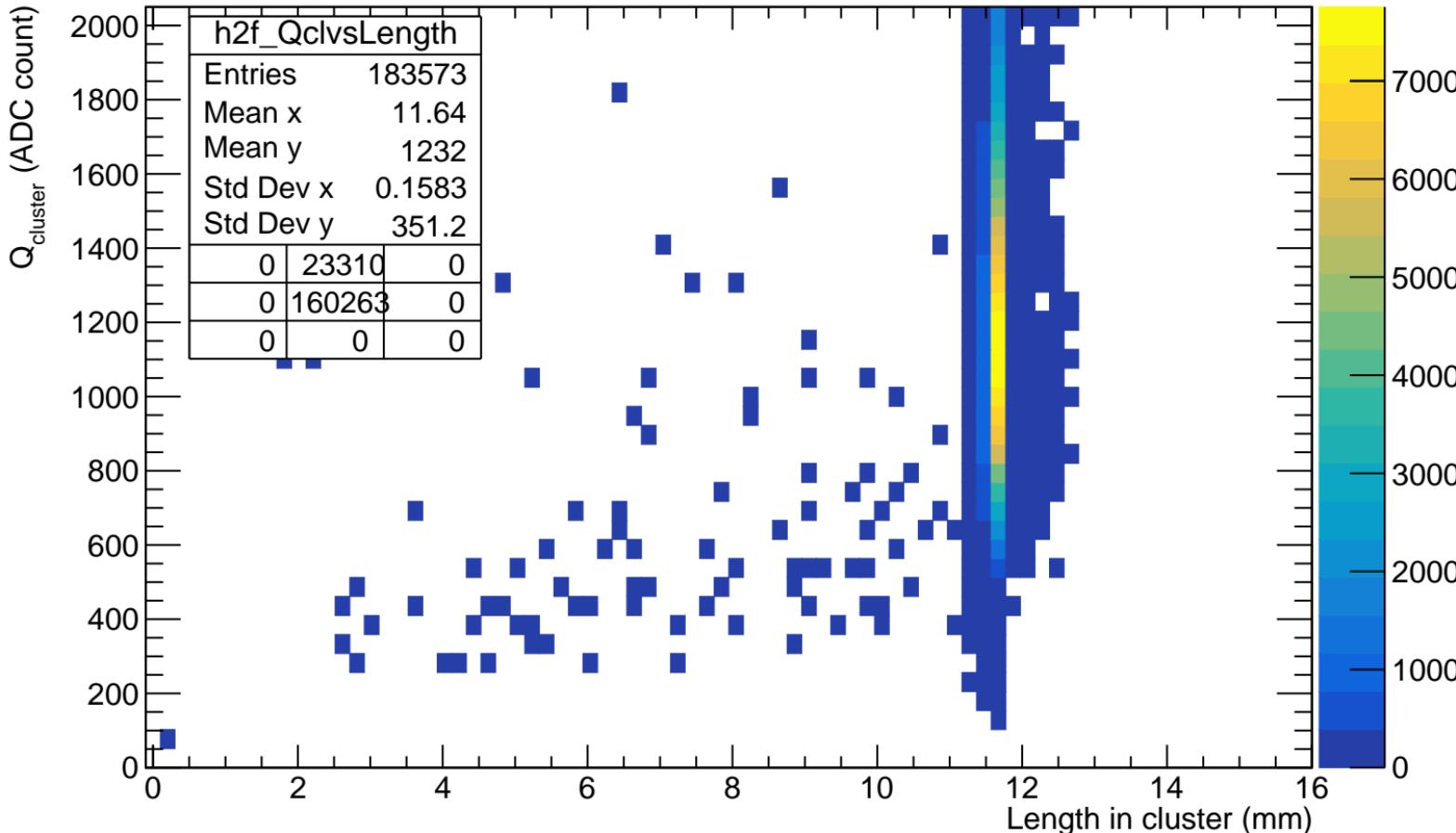


$Q^{\text{anode}}/\text{ADC}_{\max}$ VS length in pad (before length cut)

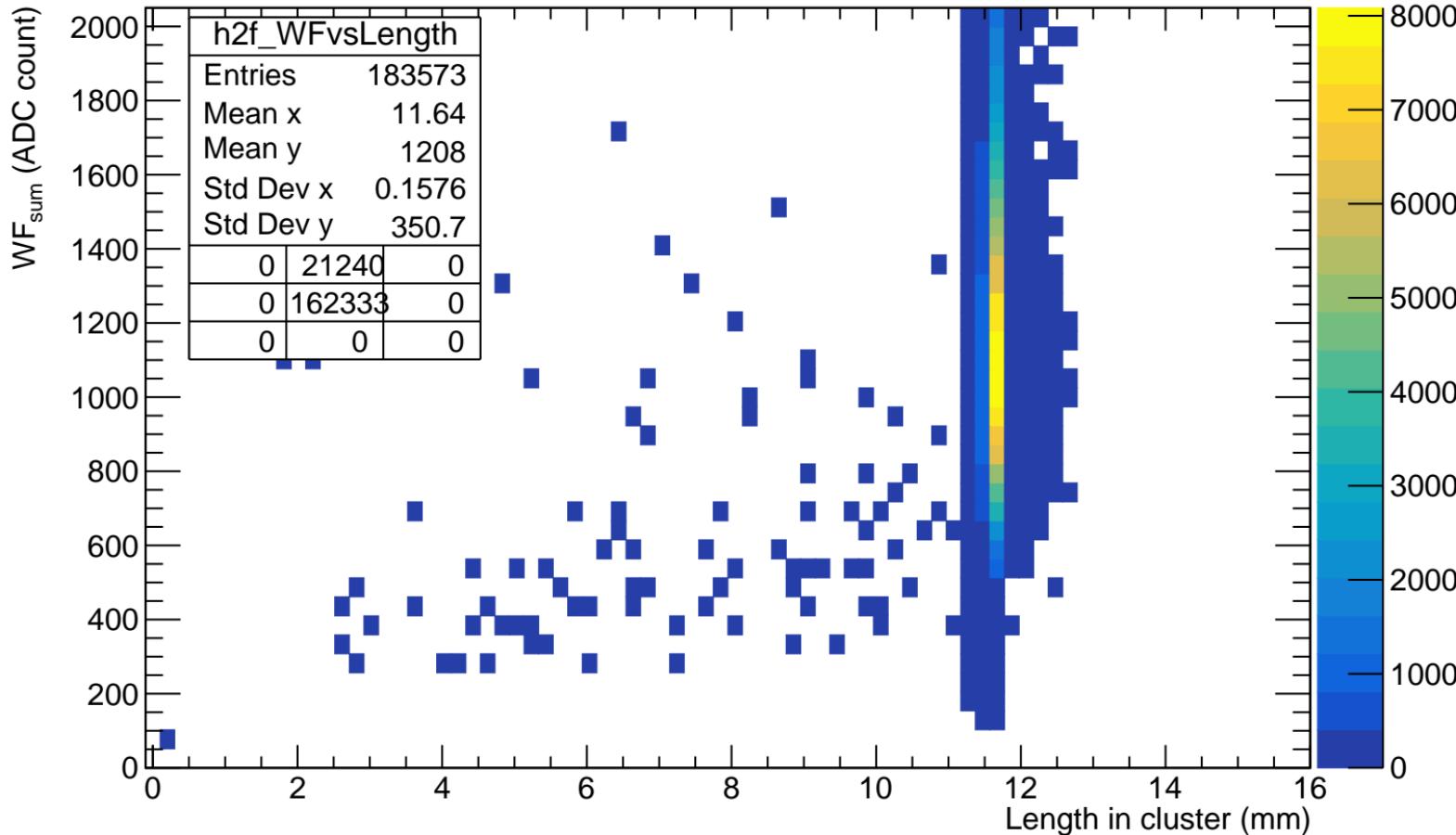
$Q^{\text{anode}}/\text{ADC}_{\max}$



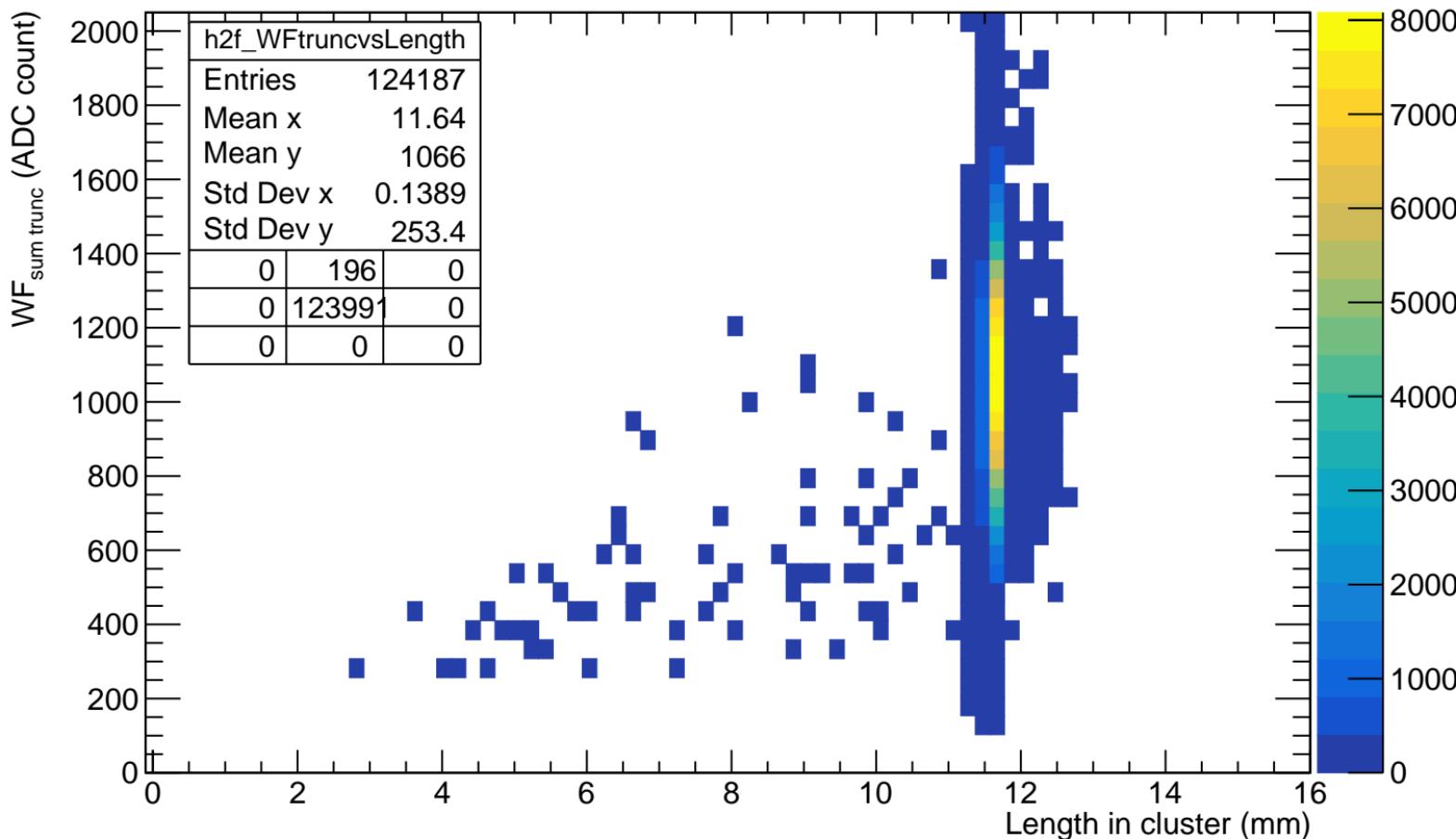
Q_{cluster} VS length in cluster



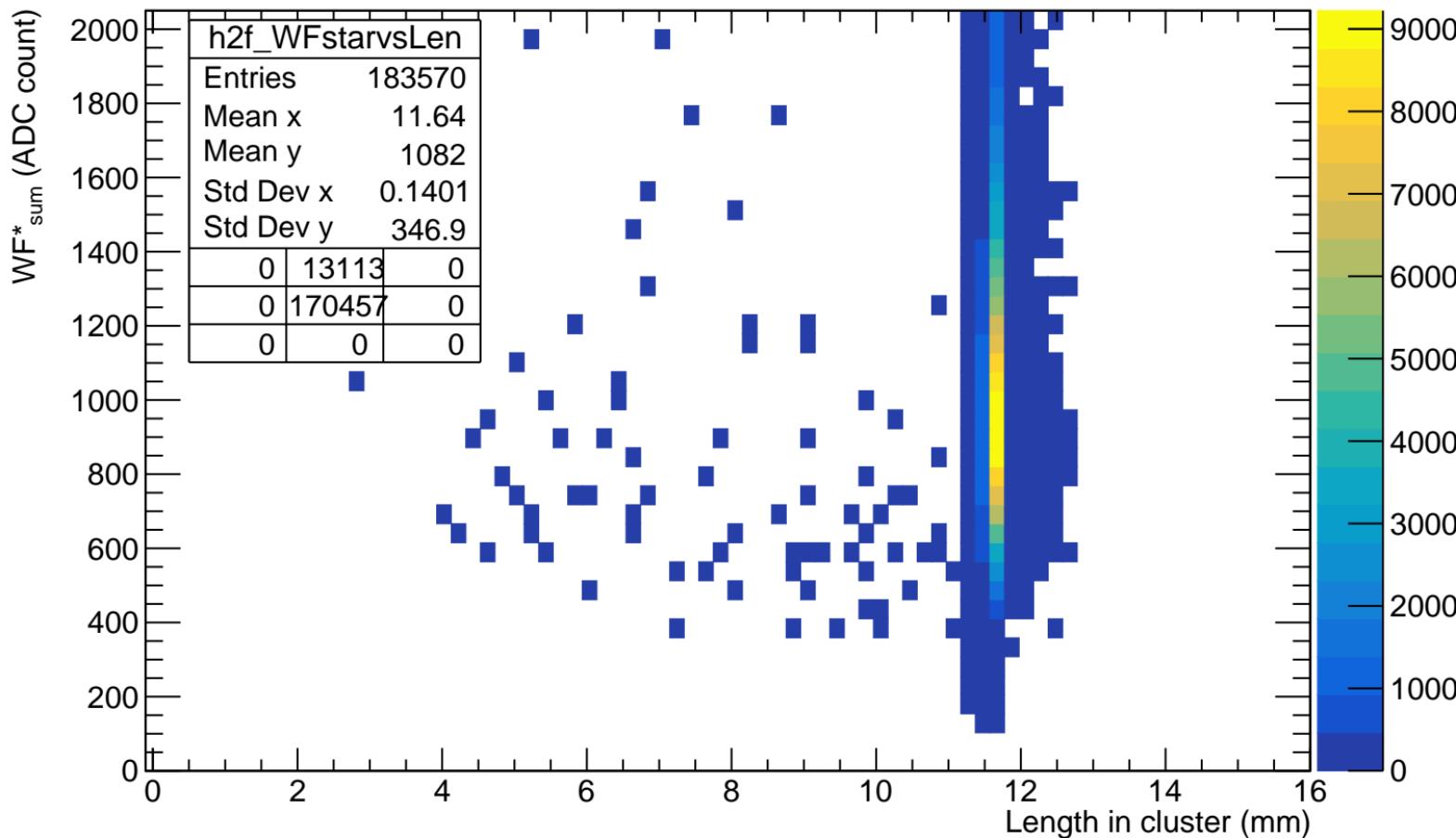
WF_{sum} VS length in cluster



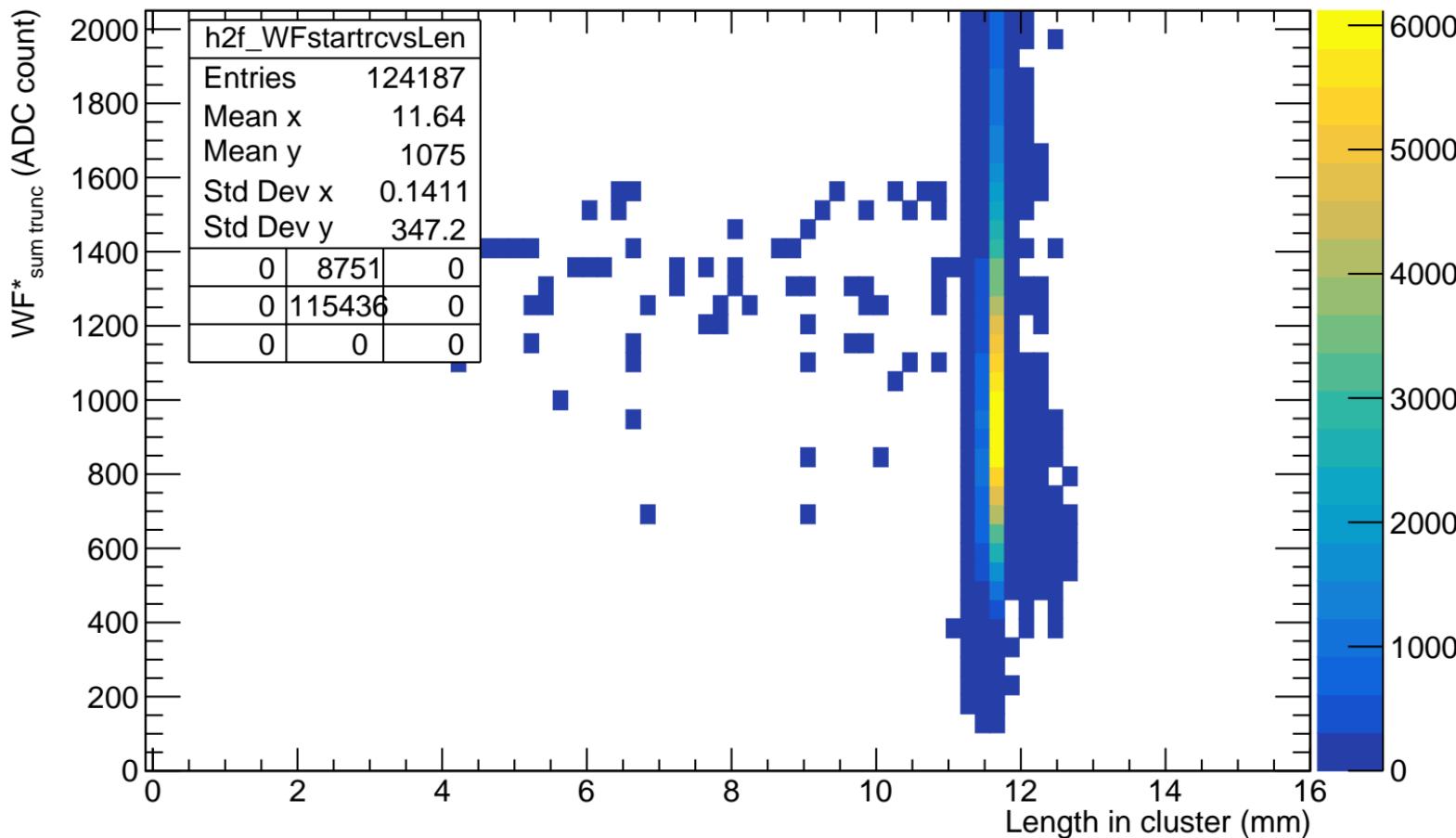
WF_{sum} truncated VS length in cluster

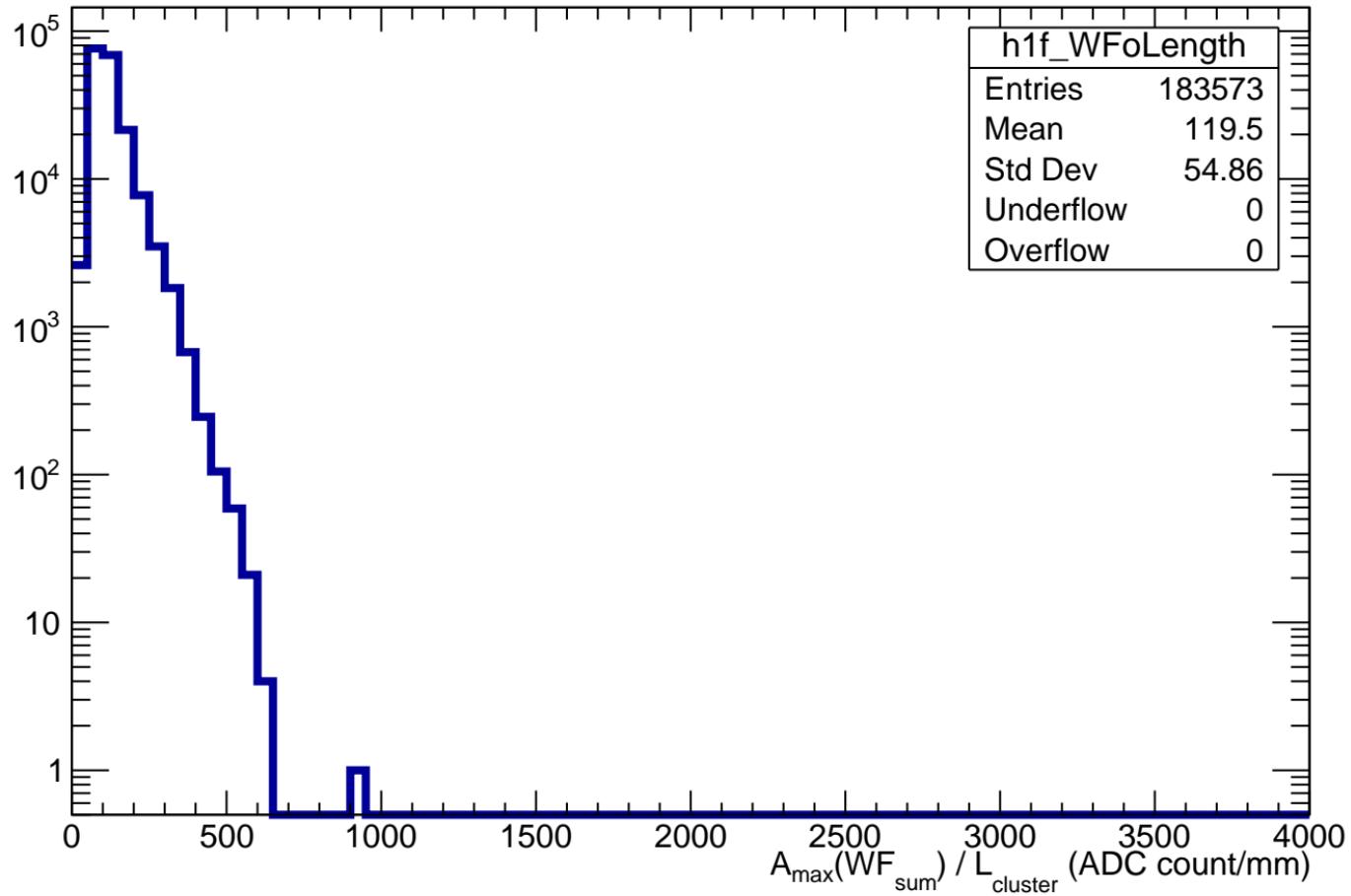


WF^{*}_{sum} VS length in cluster



WF*_{sum truncated} VS length in cluster



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

impact parameter d vs length in pad

