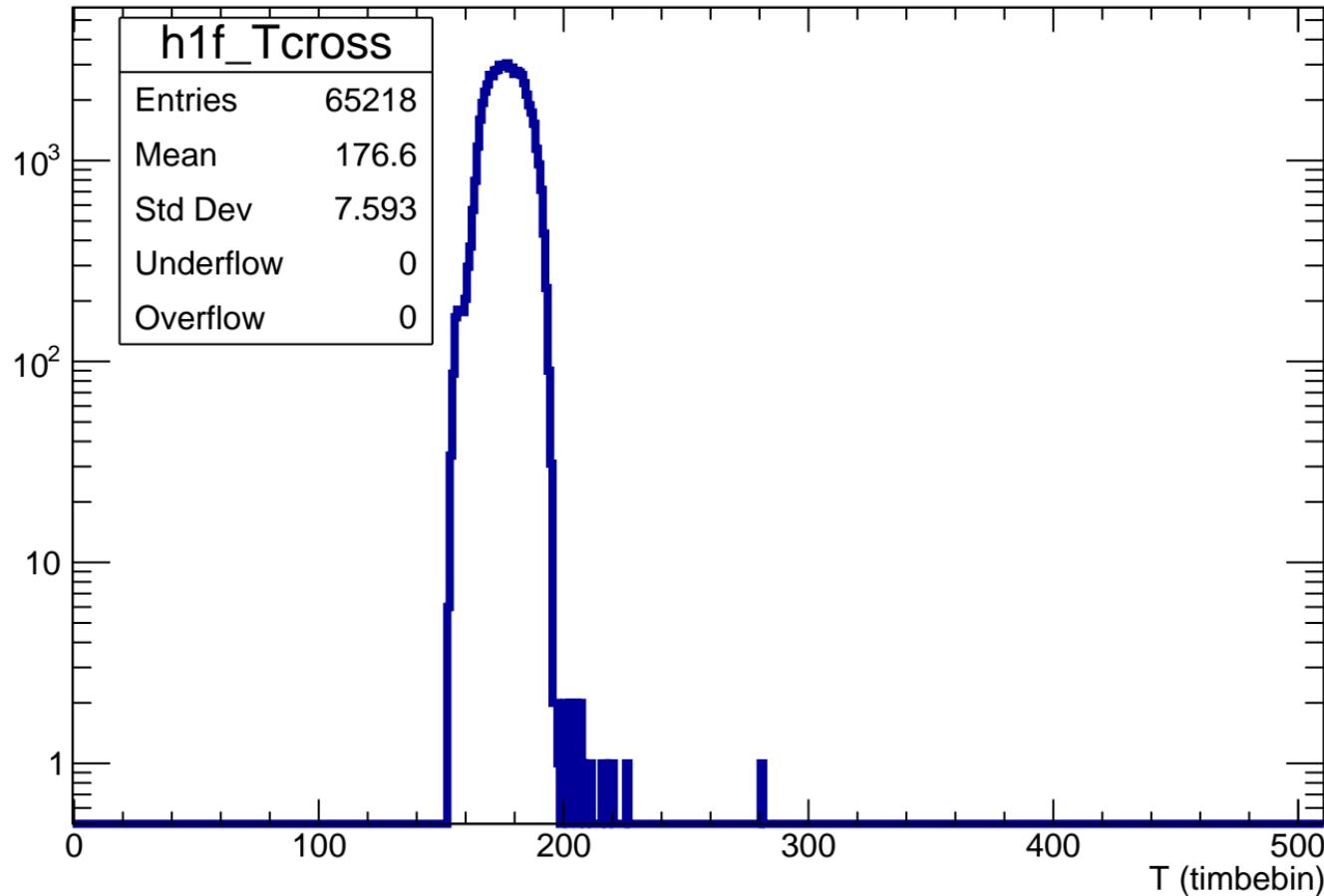


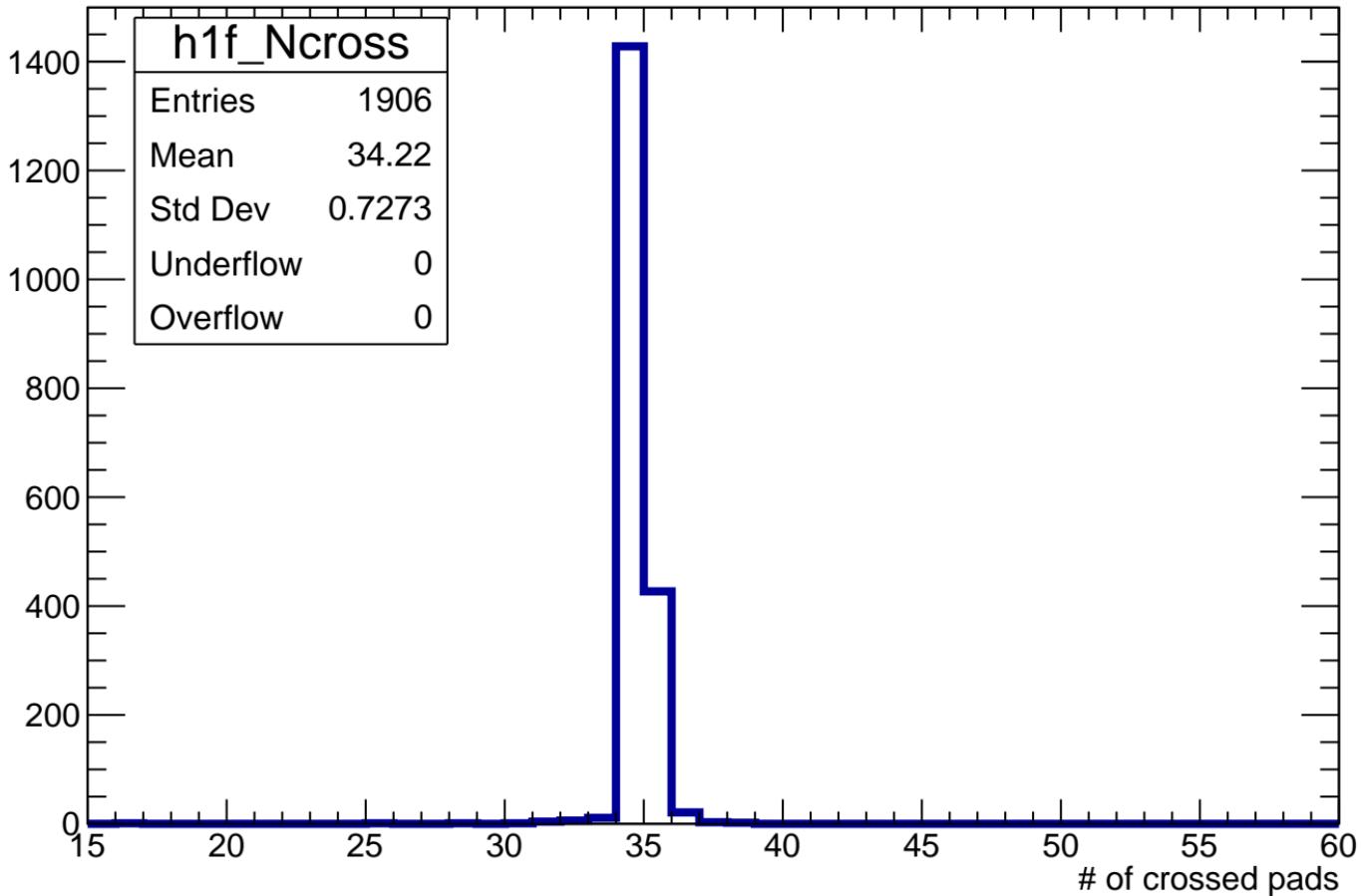
T_{\max} of crossed pads

Count

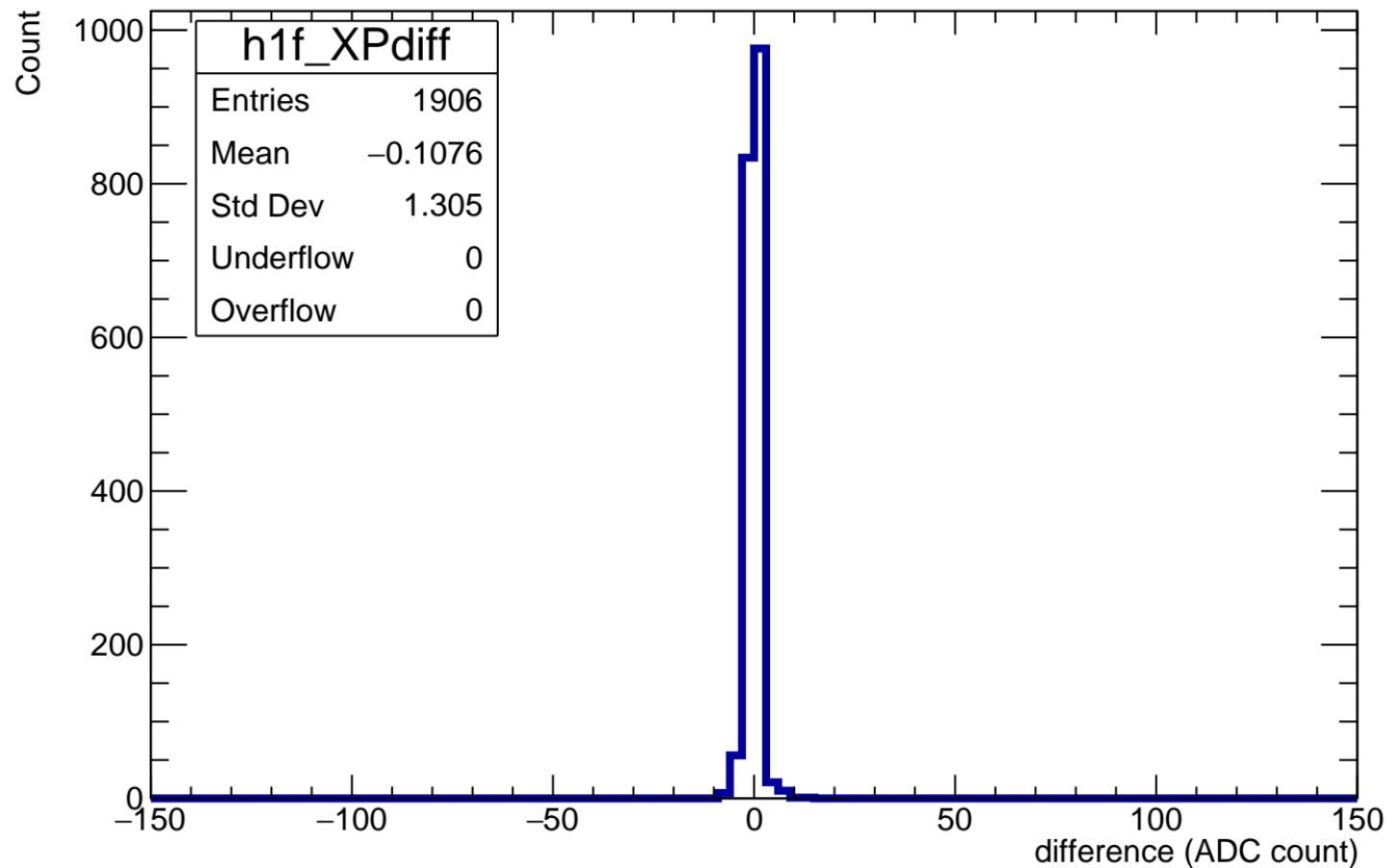


Number of crossed pads

Count

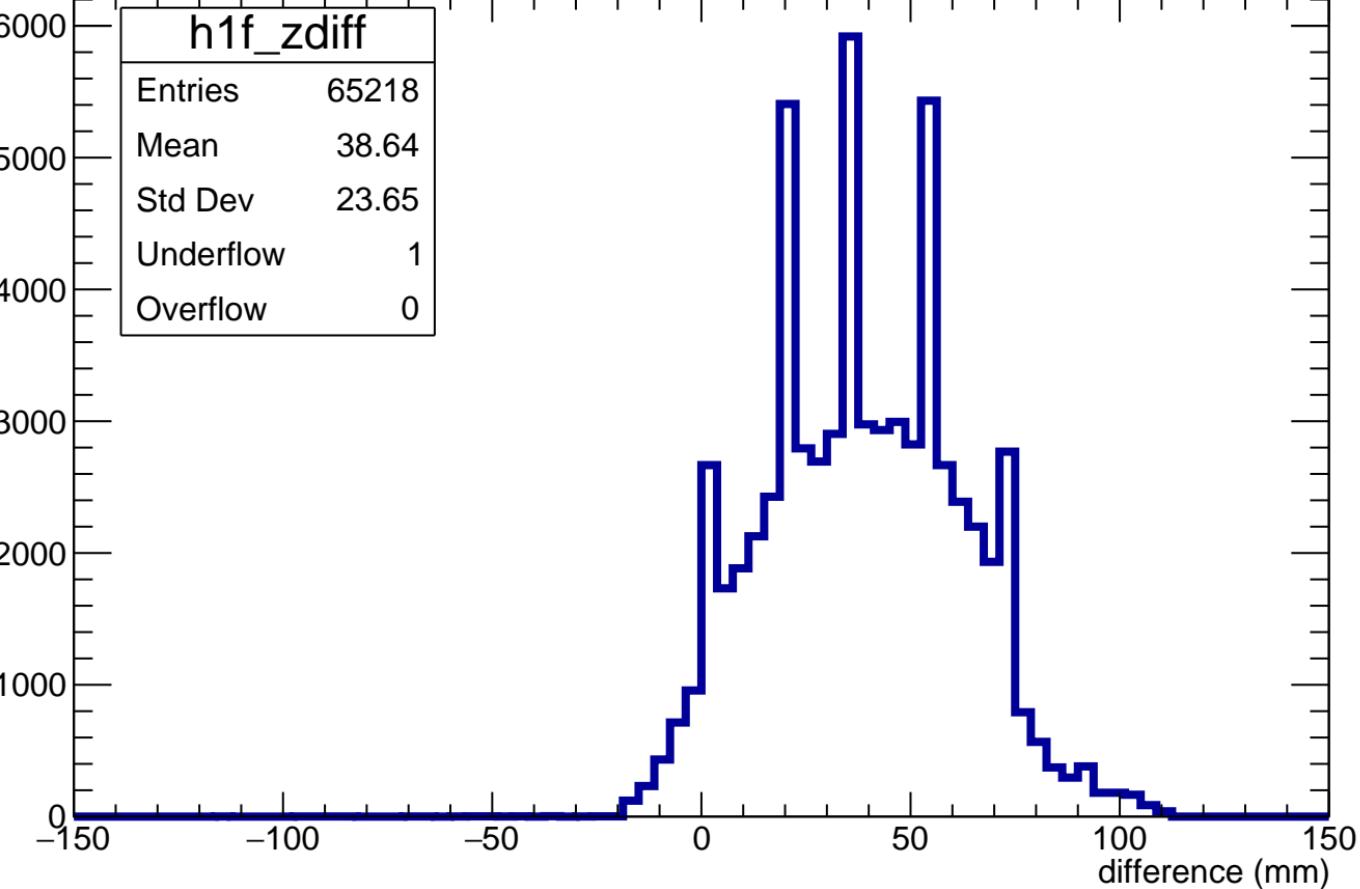


$$\Sigma(Q)/\Sigma(\text{length}) - \text{mean}\{Q/\text{length}\}$$

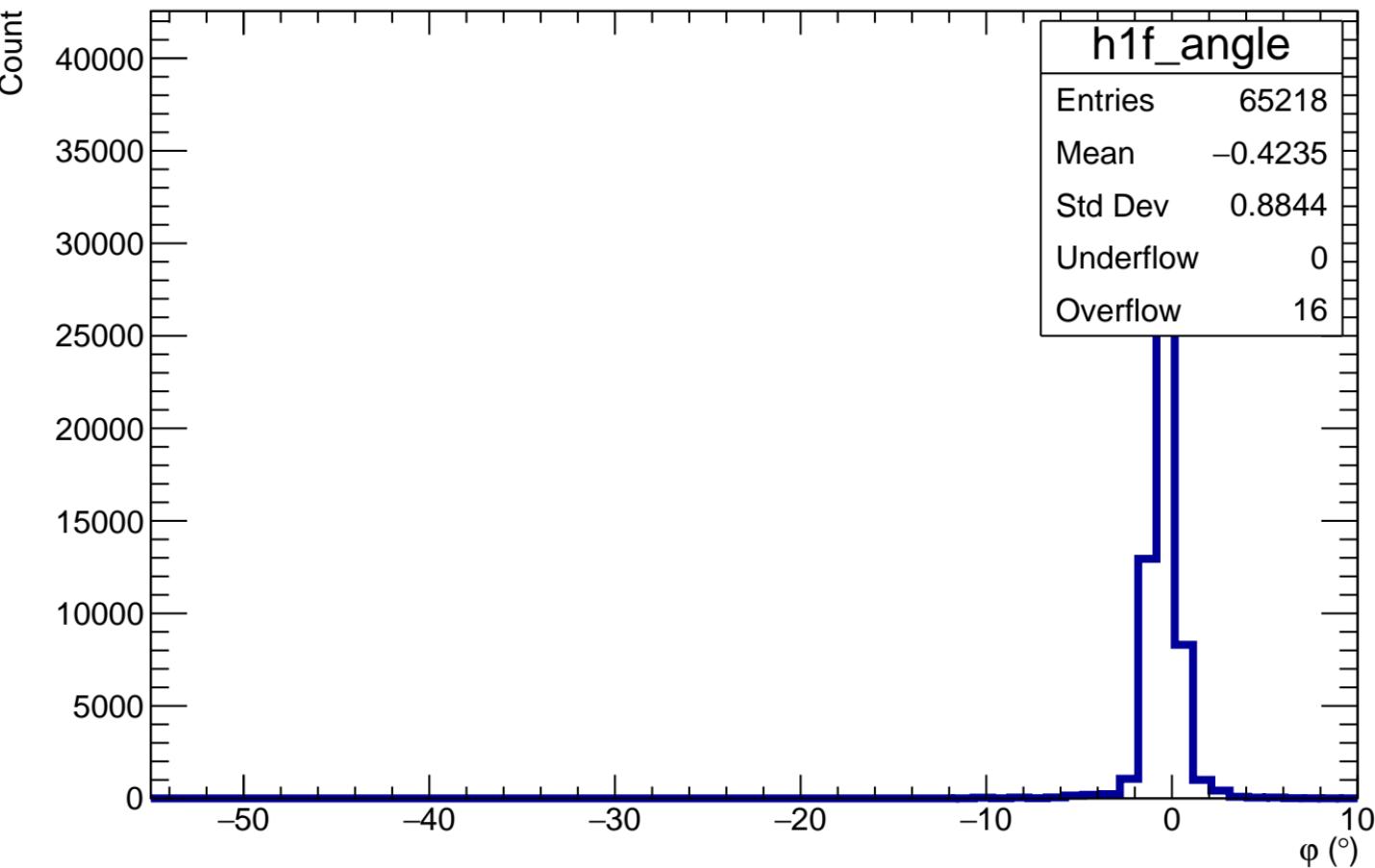


$Z_{\text{file}} = 415\text{mm} - Z_{\text{computed}}$

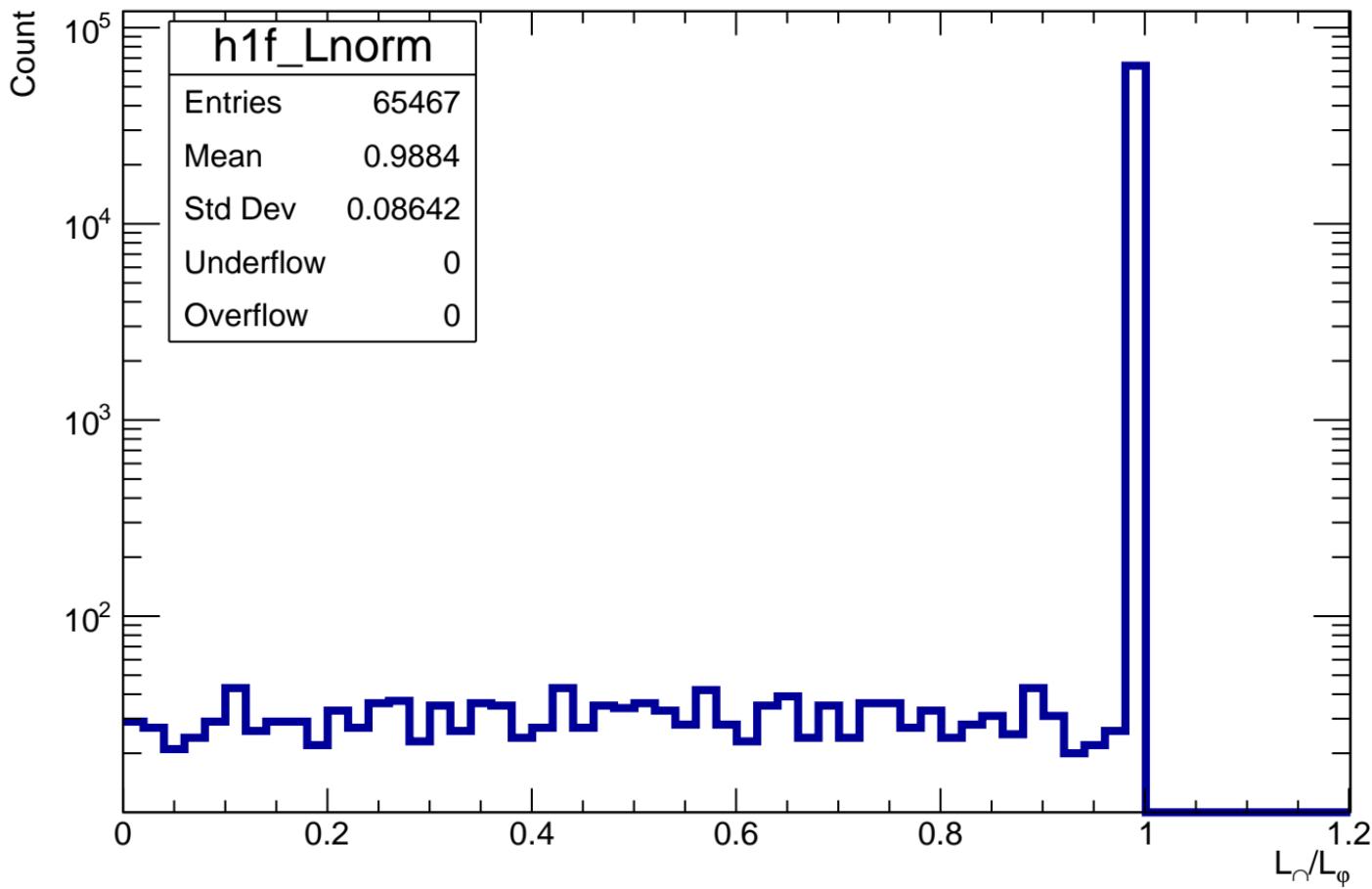
Count



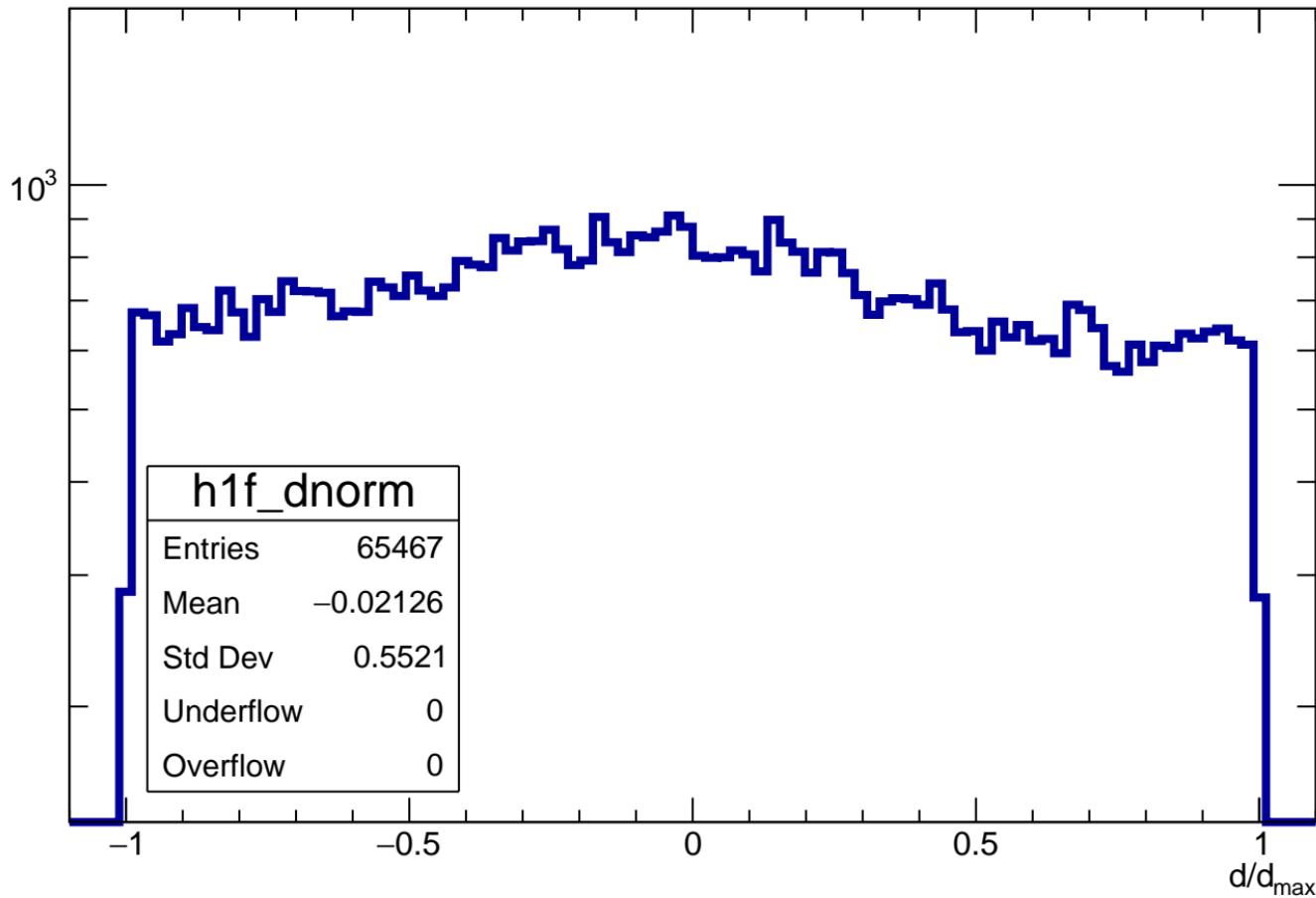
Angle φ in each pad



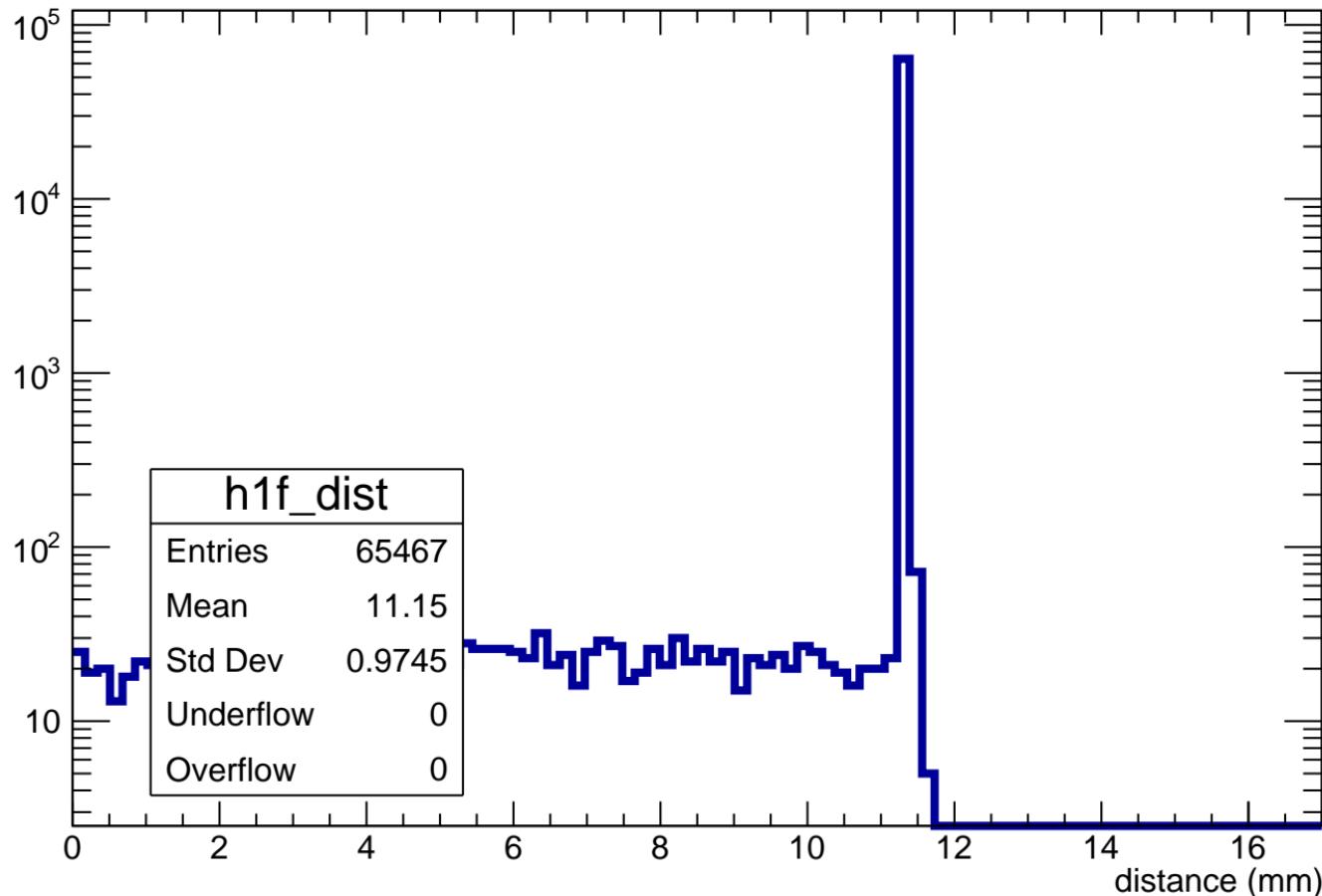
Length in pad normalized to maximum length in pad for a given ϕ



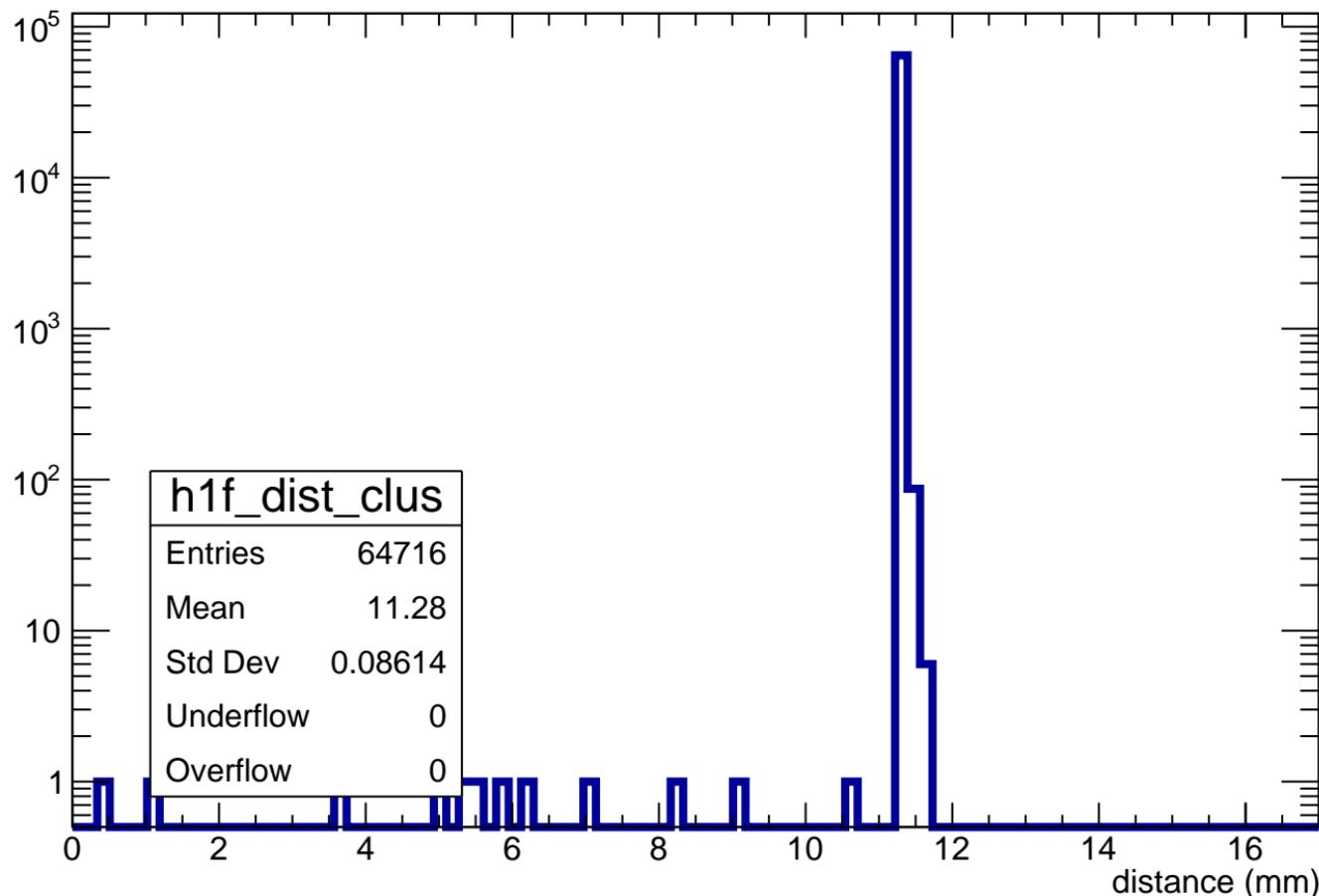
Normalized impact parameter d/d_{\max}



distance of track in pad

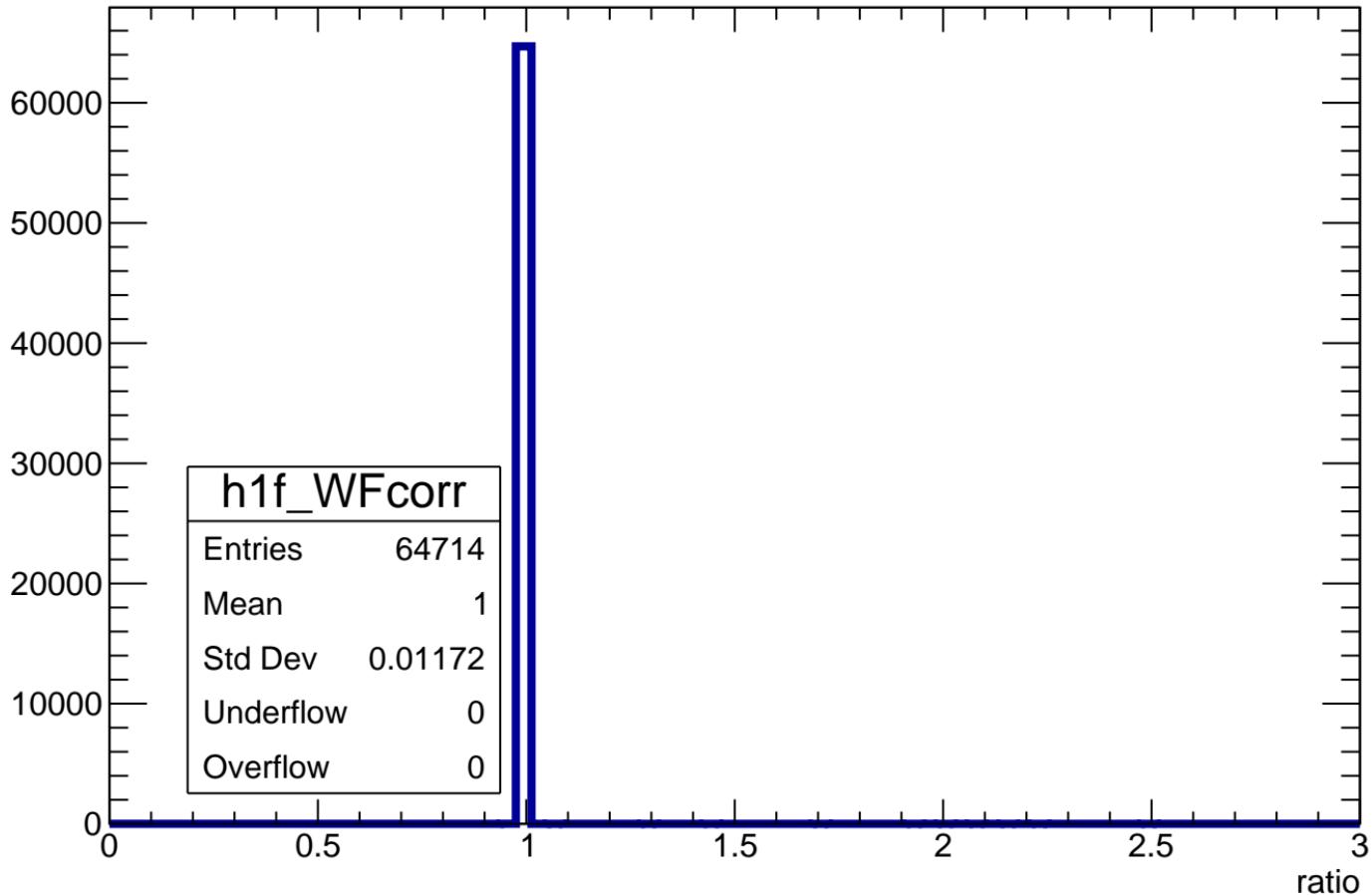


distance of track in cluster



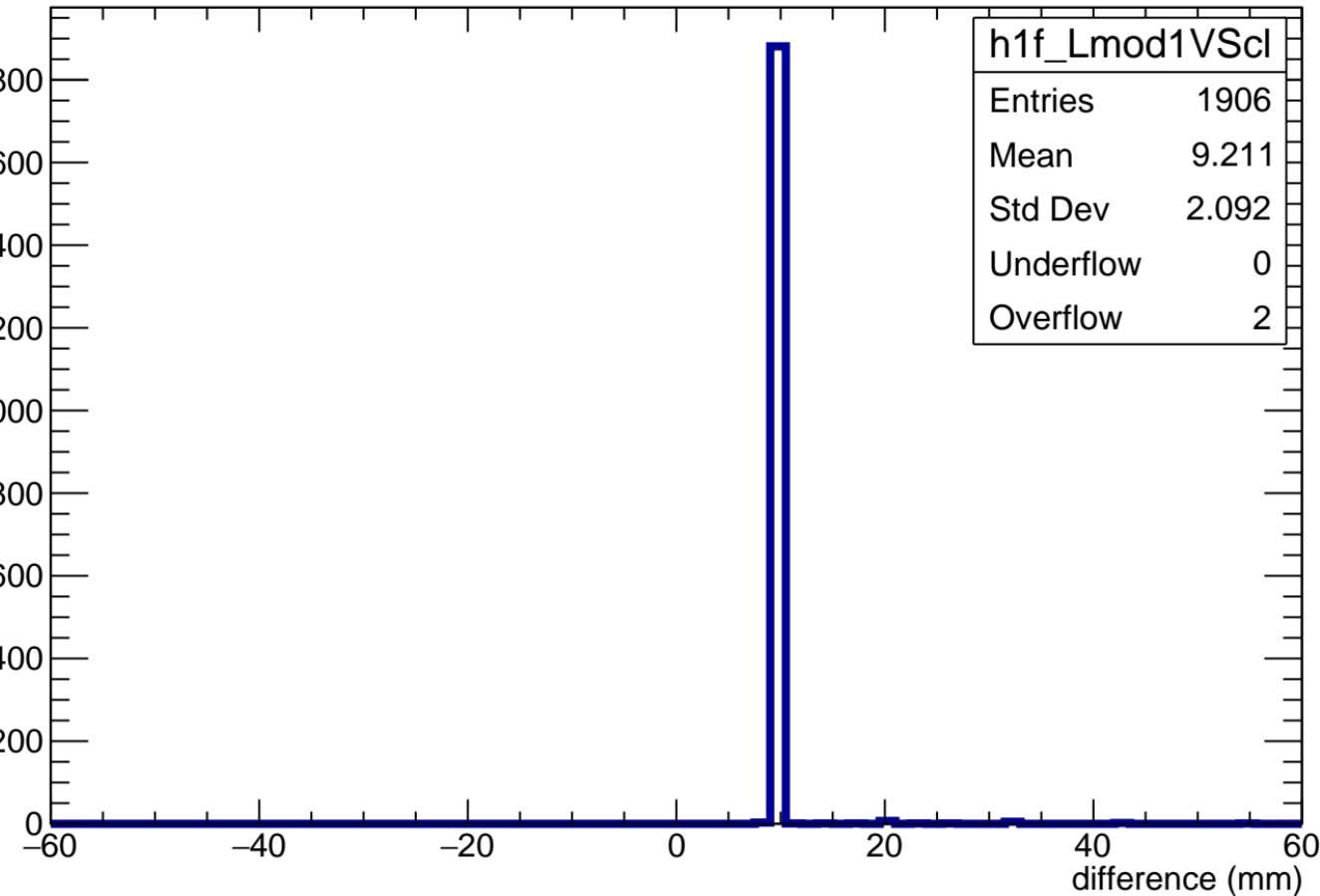
Correction A_{max} ratio

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

1000

800

600

400

200

0

-60

-40

-20

0

20

40

60

difference (mm)

h1f_Lmod2VScI

Entries 1906

Mean 0.2619

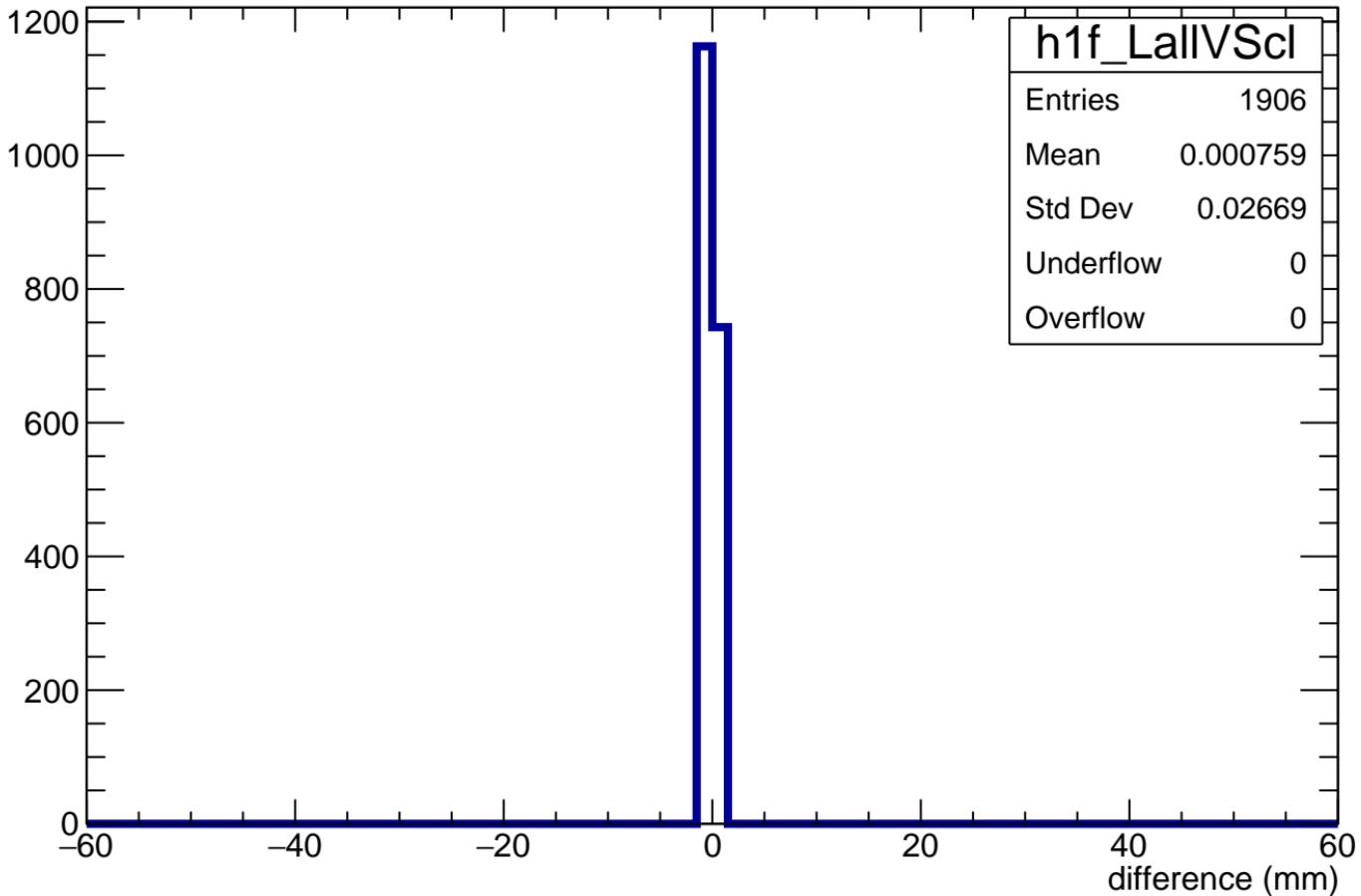
Std Dev 2.421

Underflow 0

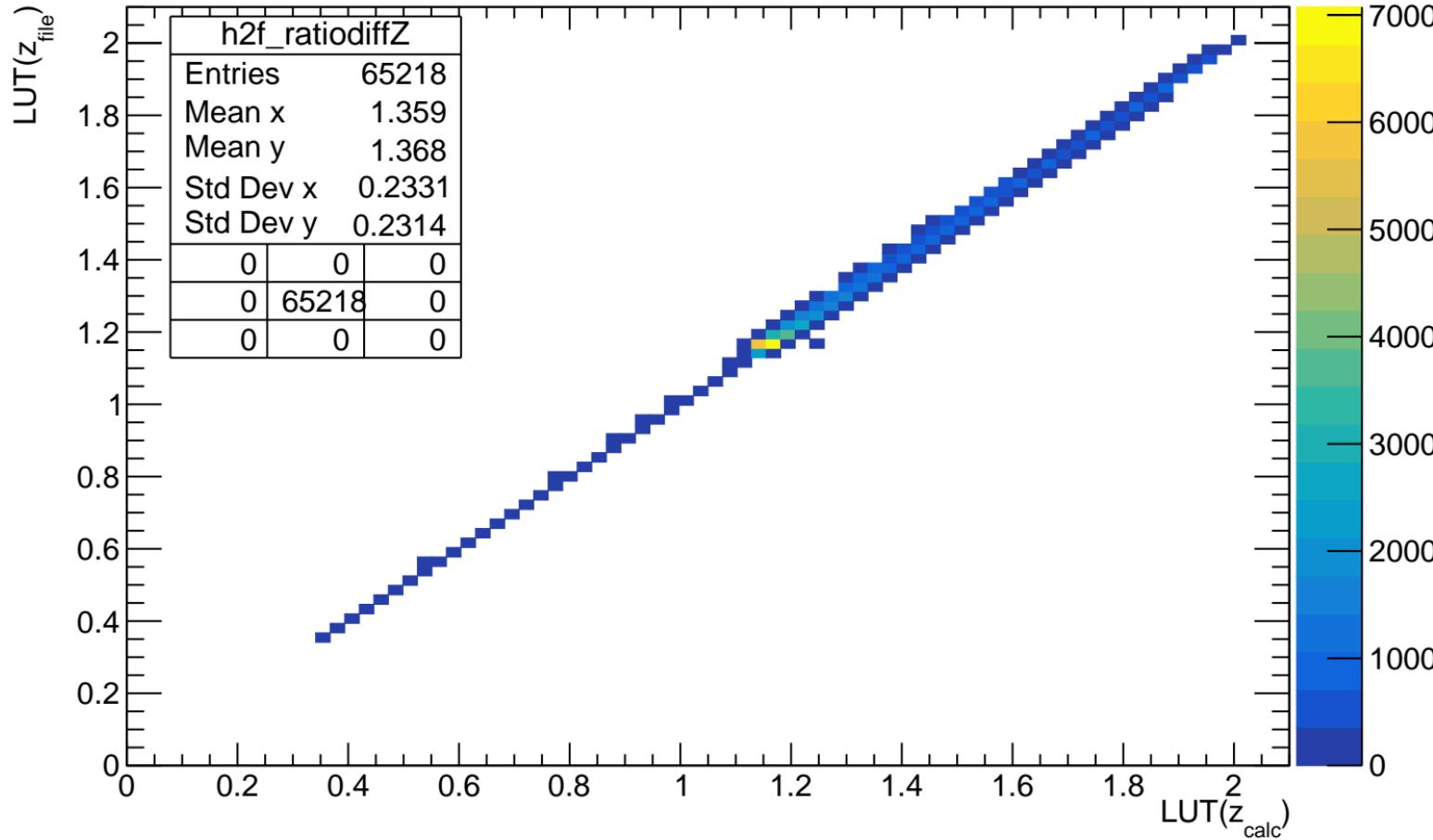
Overflow 2

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

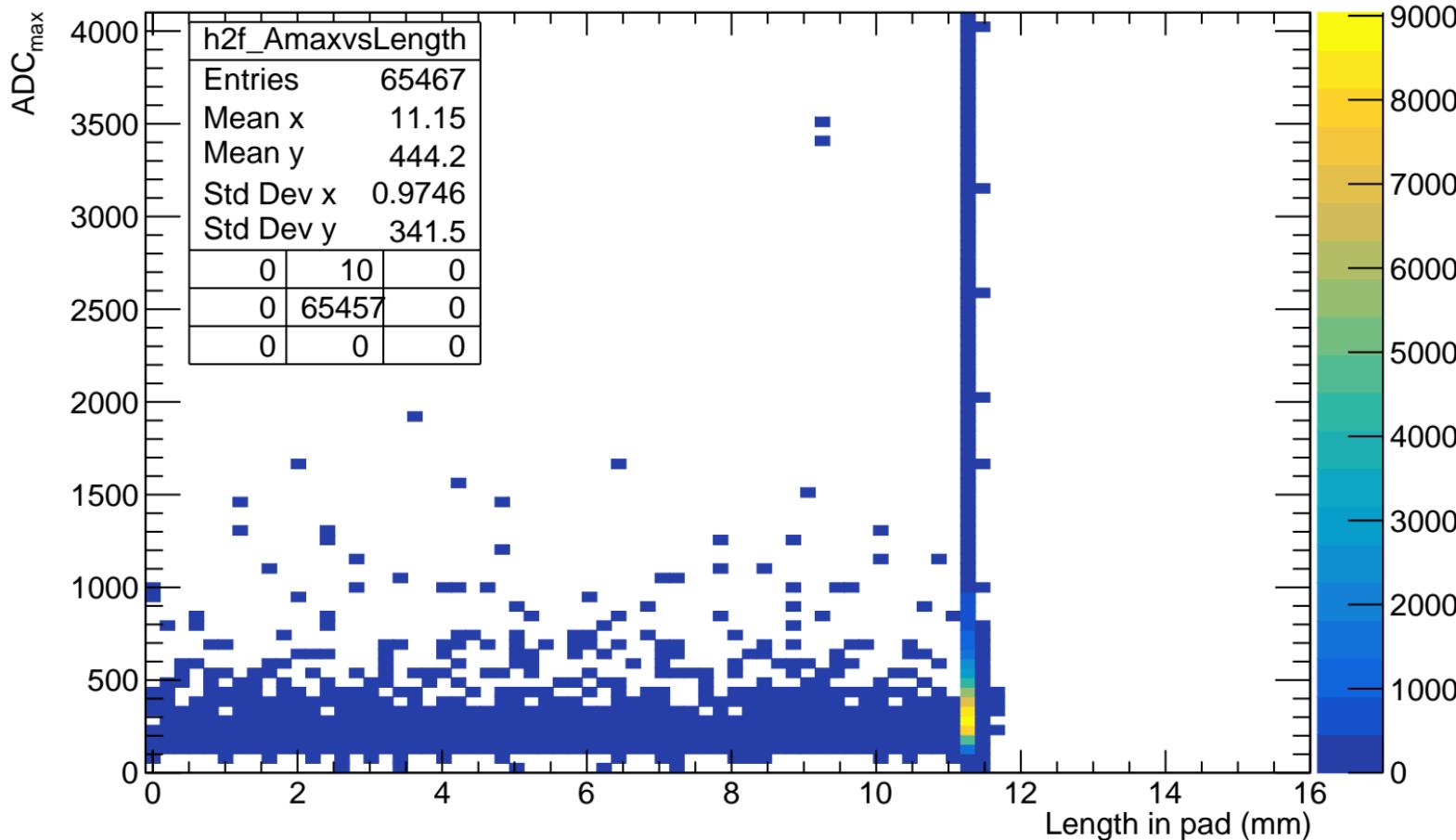
Count



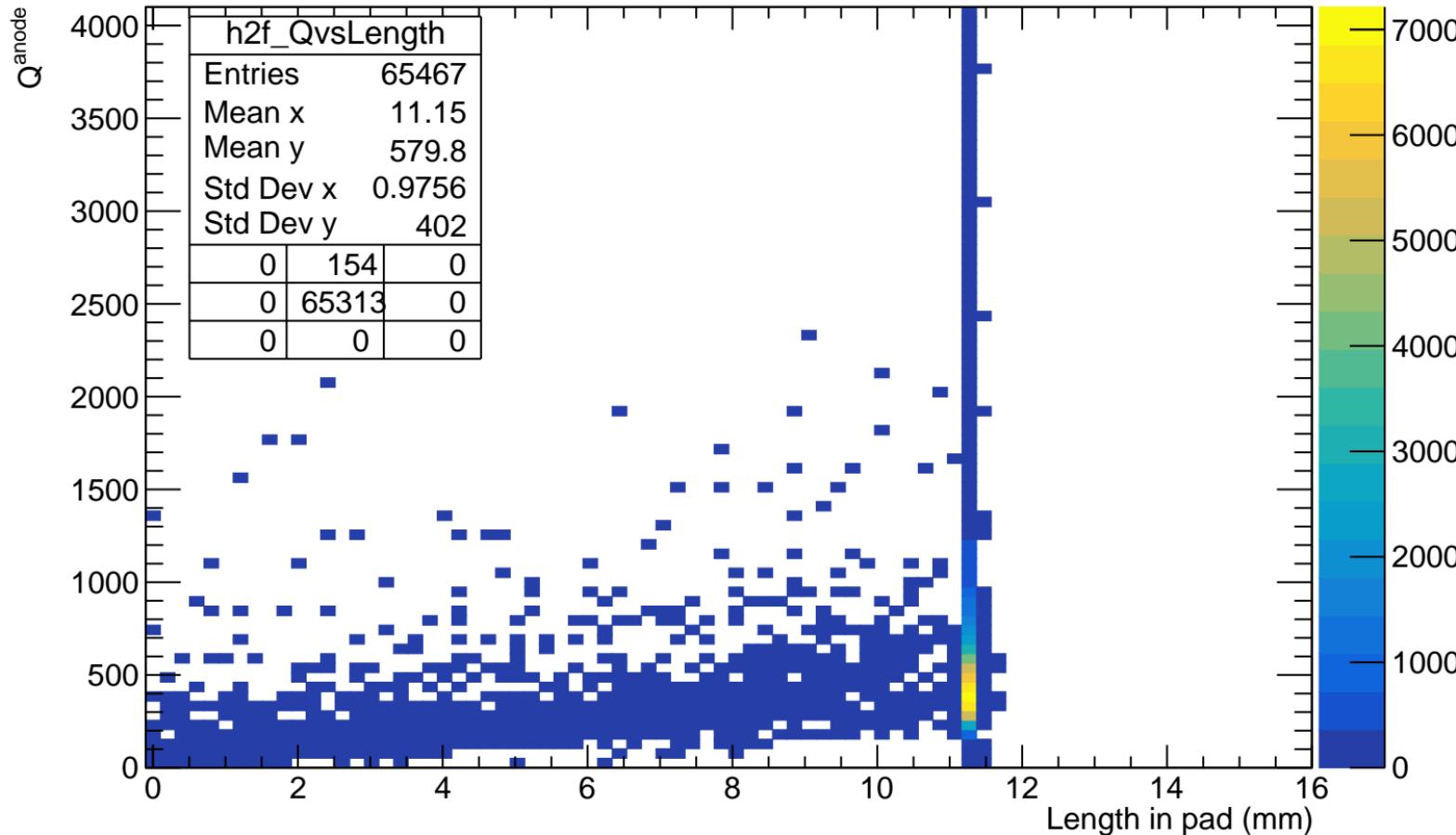
LUT(z_{file}) vs LUT(z_{calc})



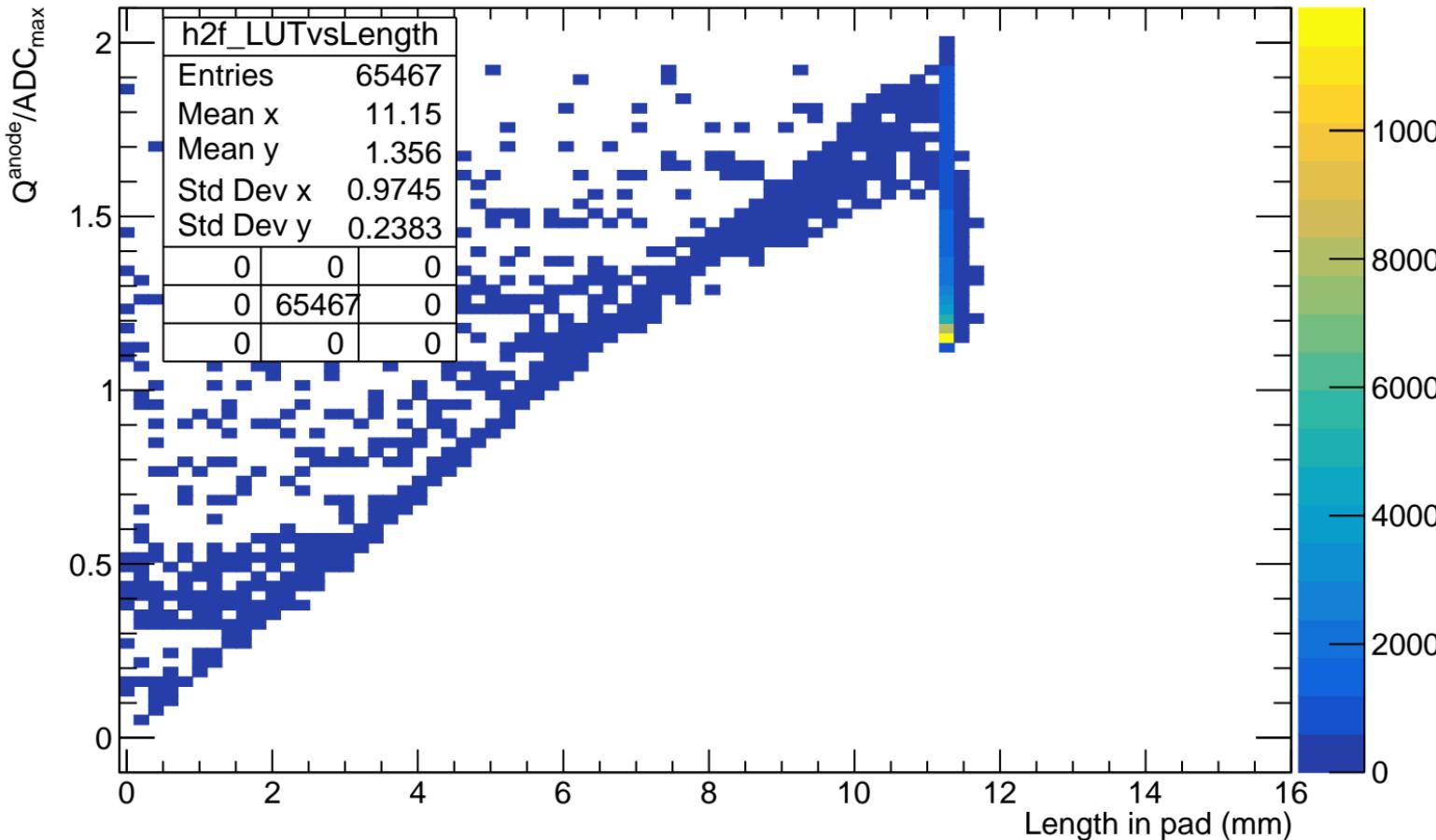
ADC_{max} VS length in pad (before length cut)



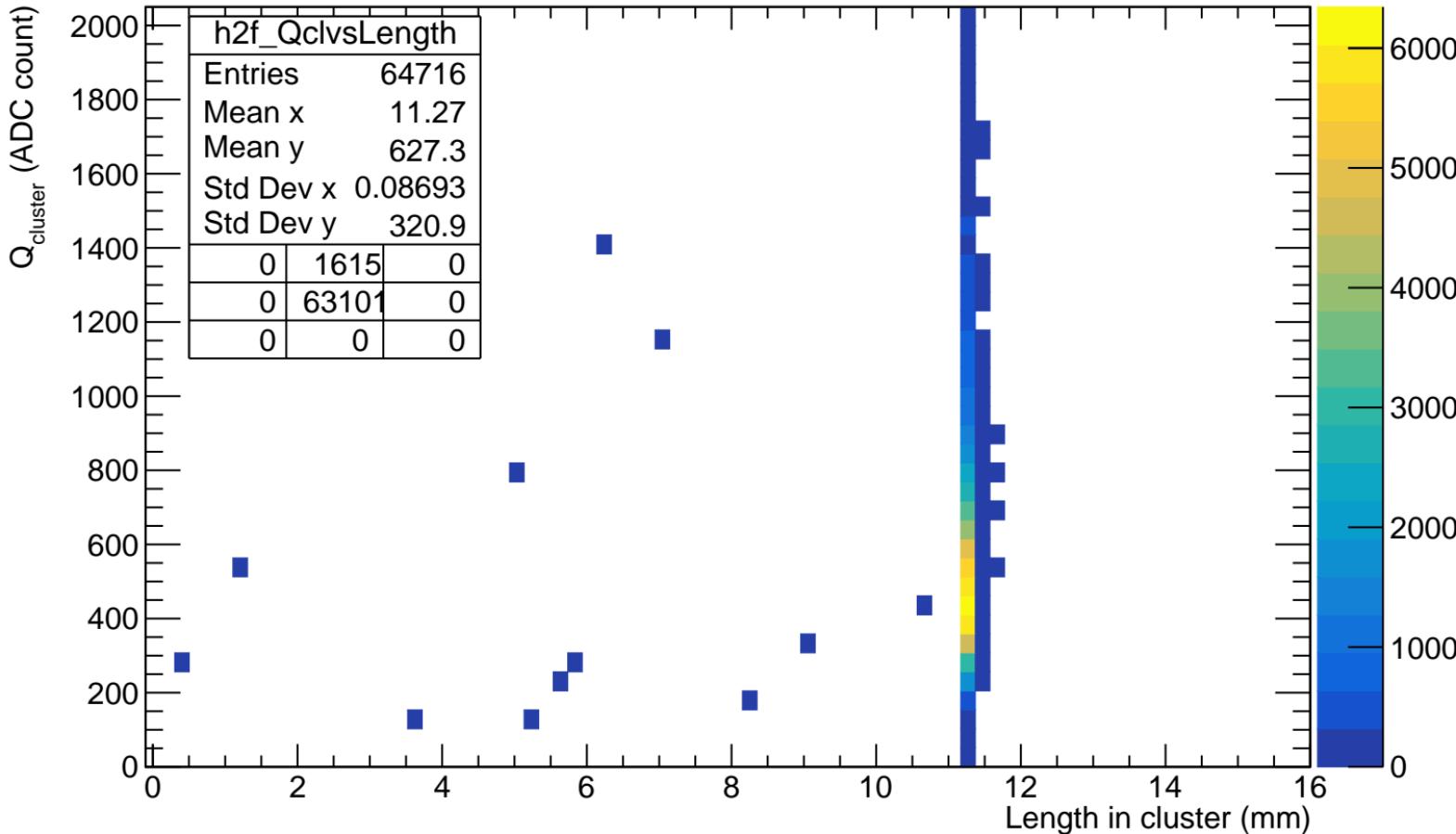
Q^{anode} VS length in pad (before length cut)



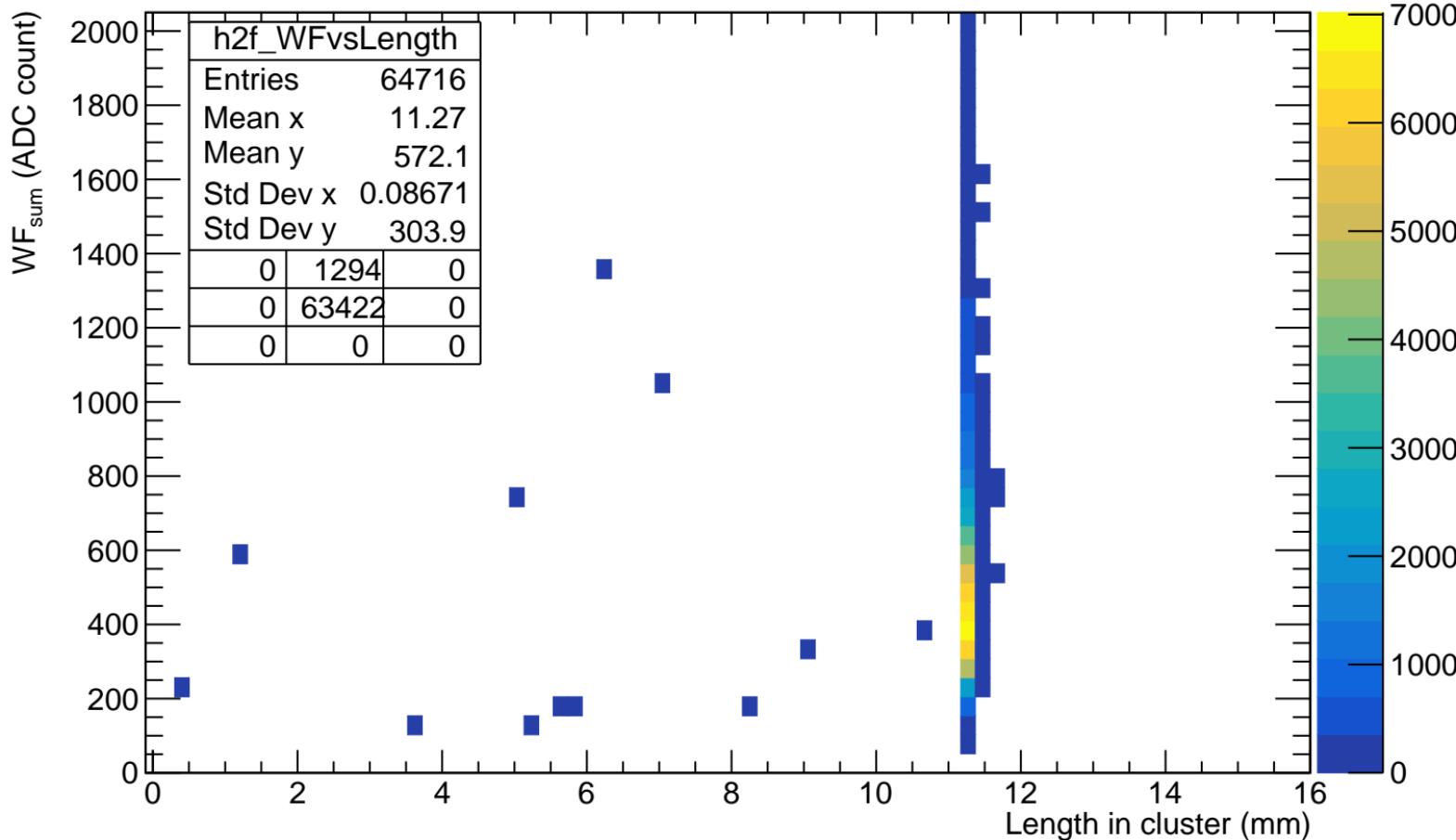
$Q^{\text{anode}}/\text{ADC}_{\max}$ VS length in pad (before length cut)



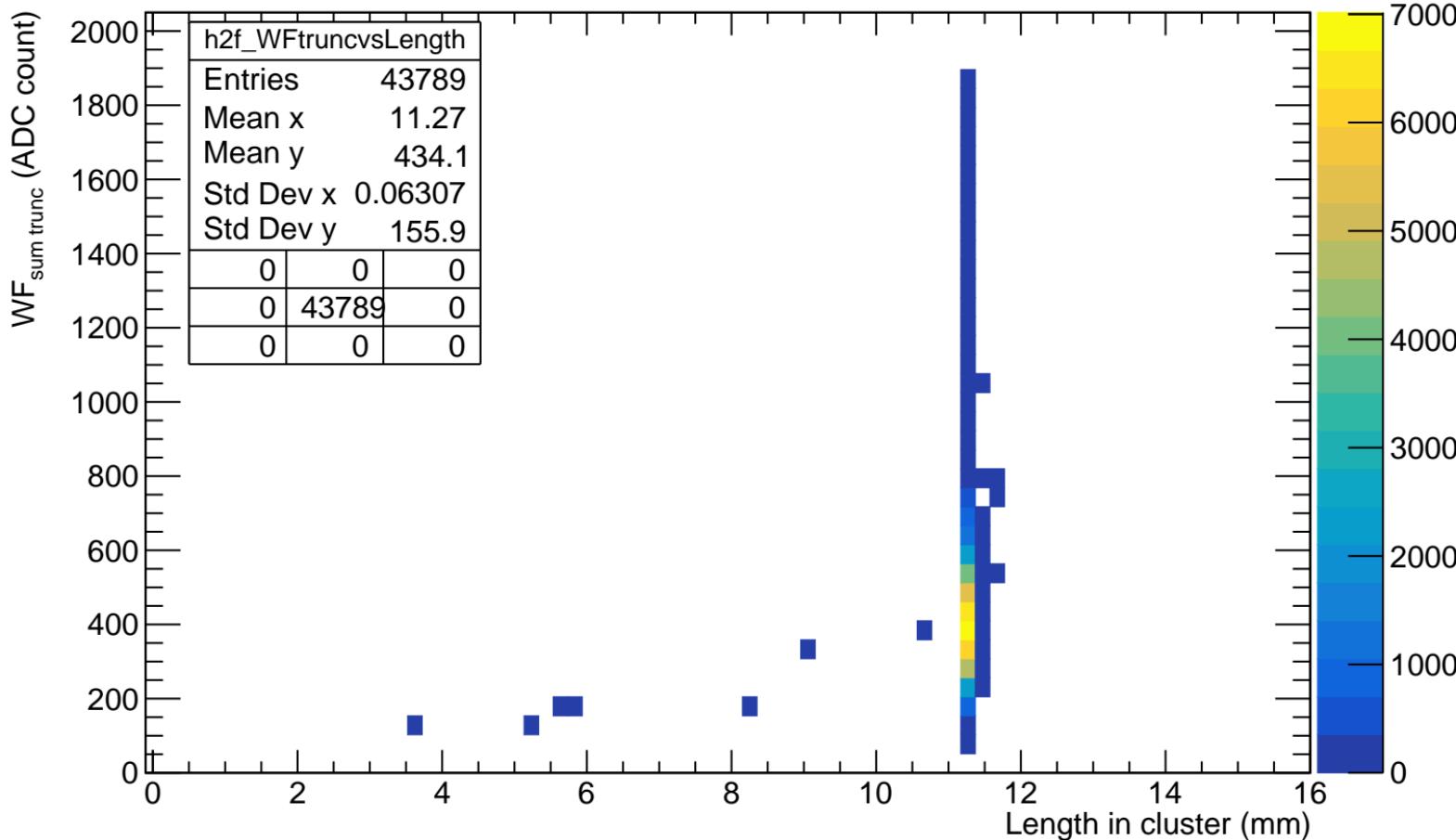
Q_{cluster} VS length in cluster



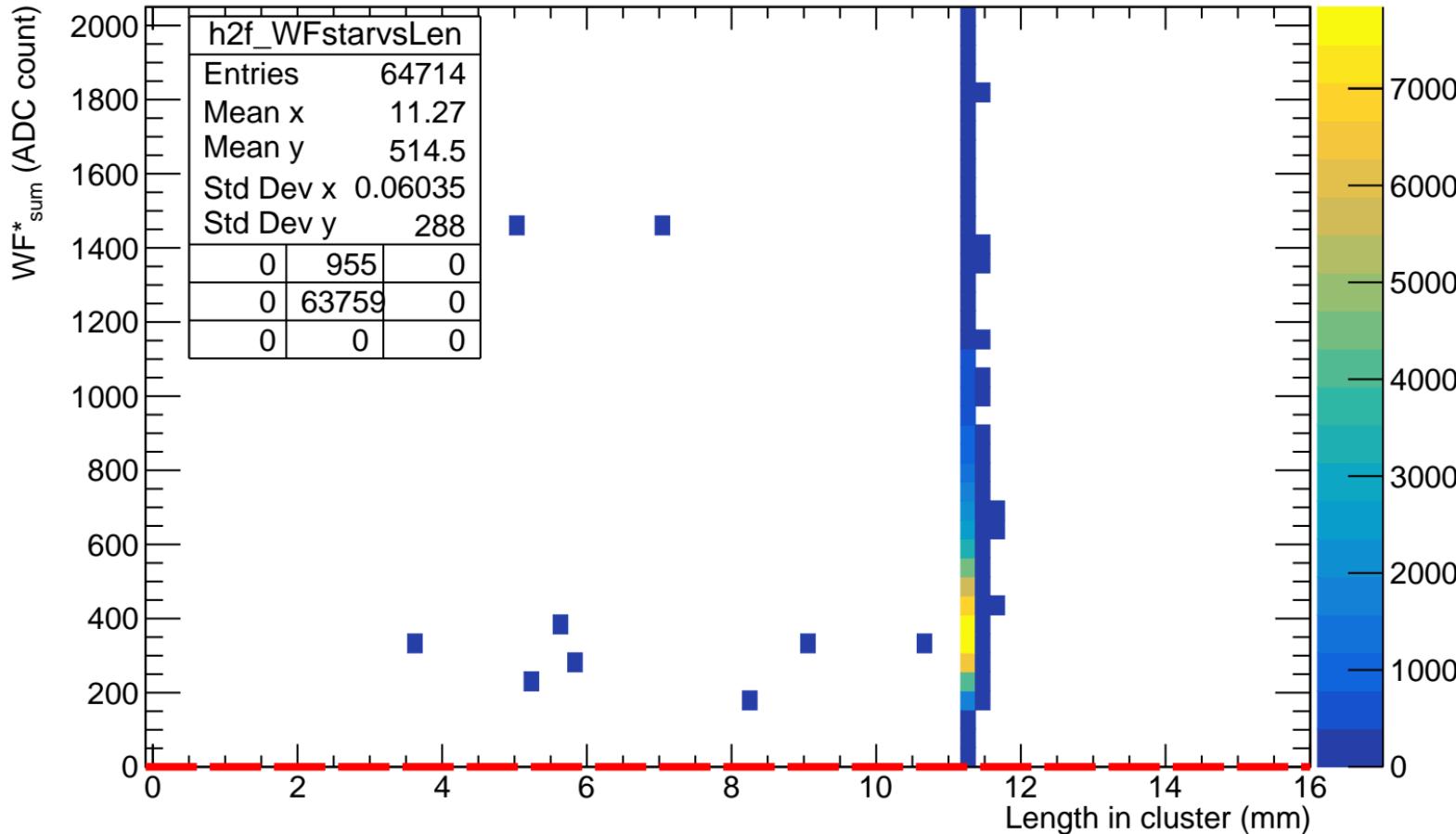
WF_{sum} VS length in cluster



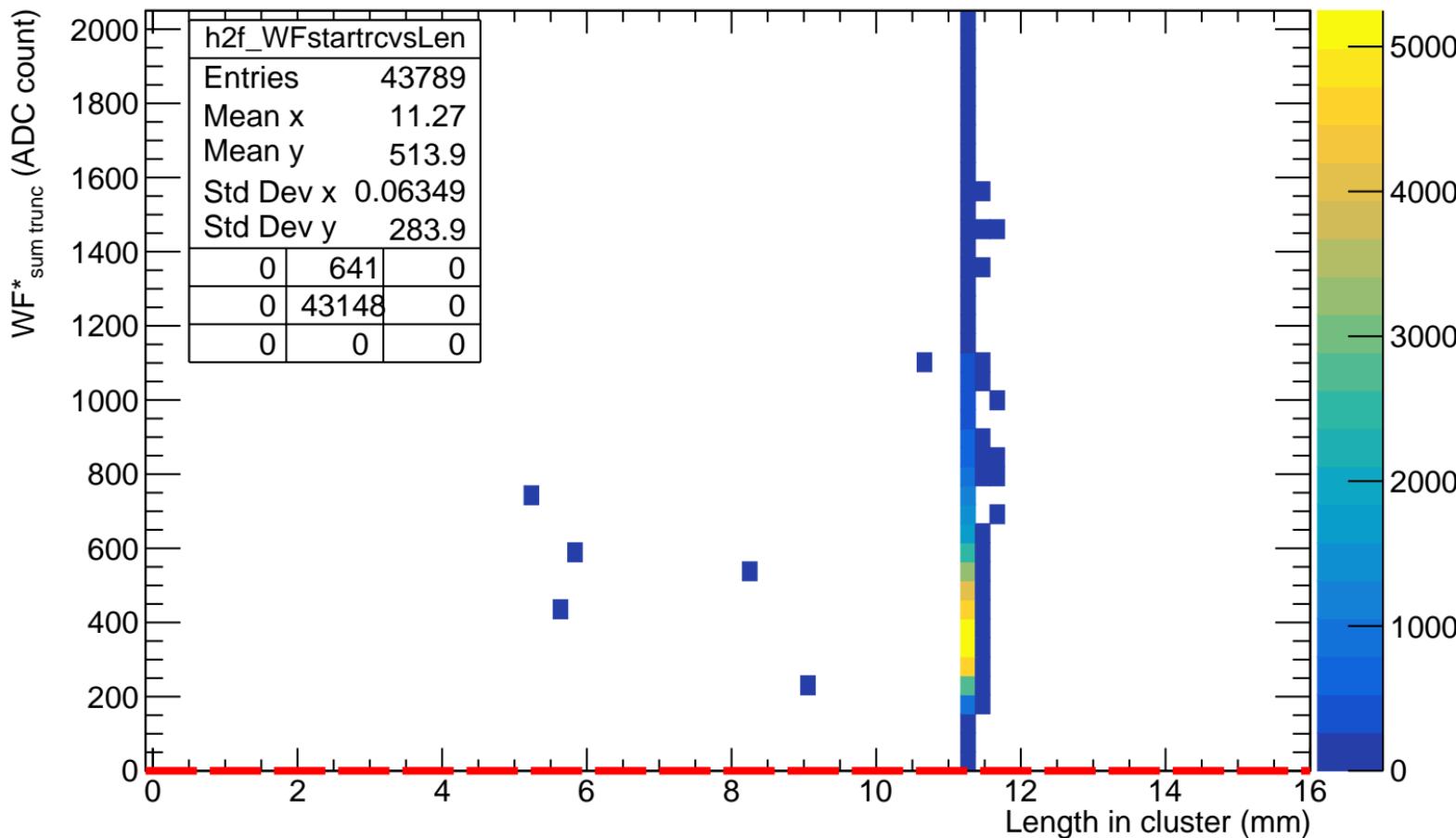
WF_{sum} truncated VS length in cluster

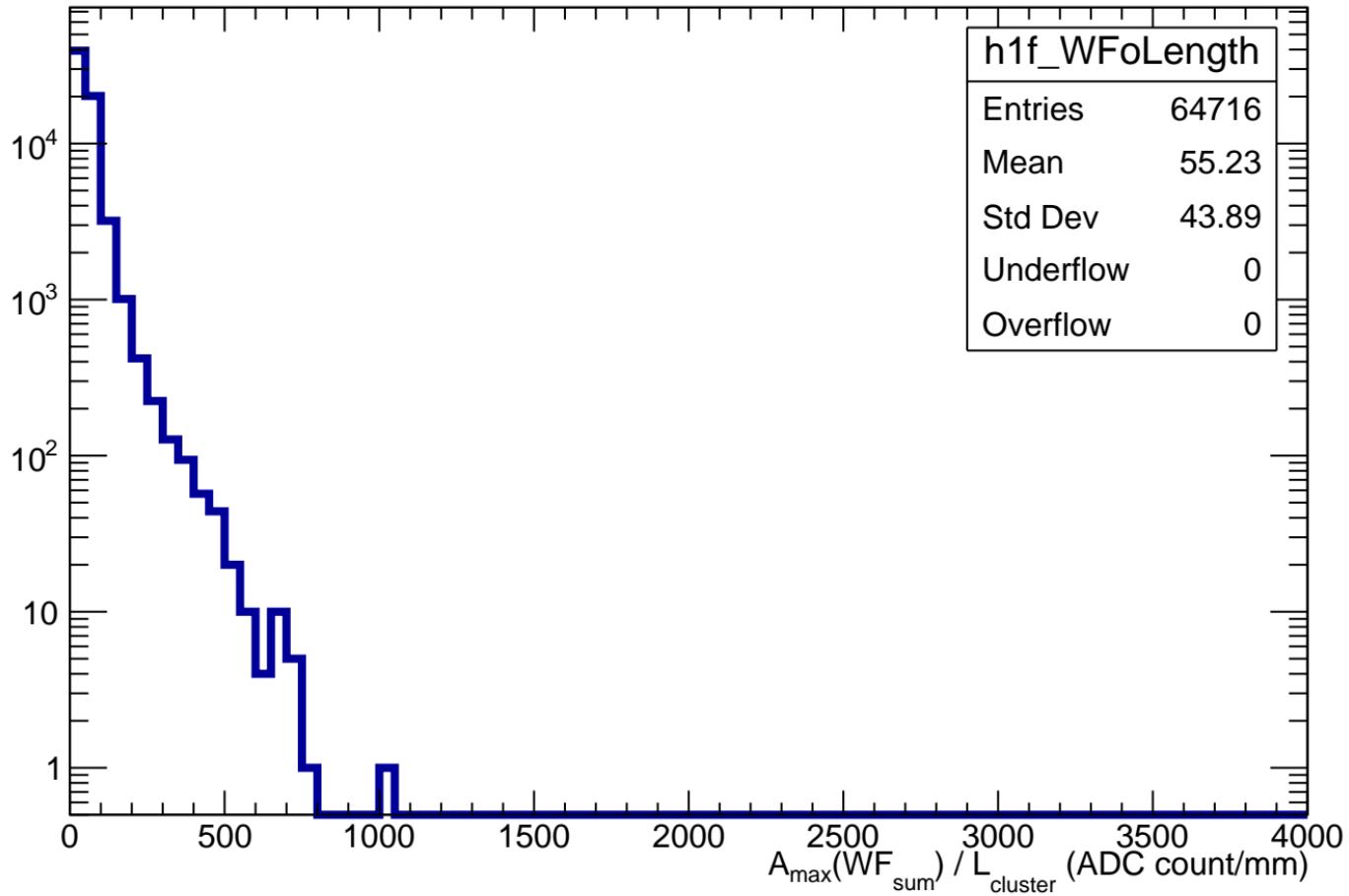


WF*_{sum} VS length in cluster



WF*_{sum truncated} VS length in cluster



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

impact parameter d vs length in pad

