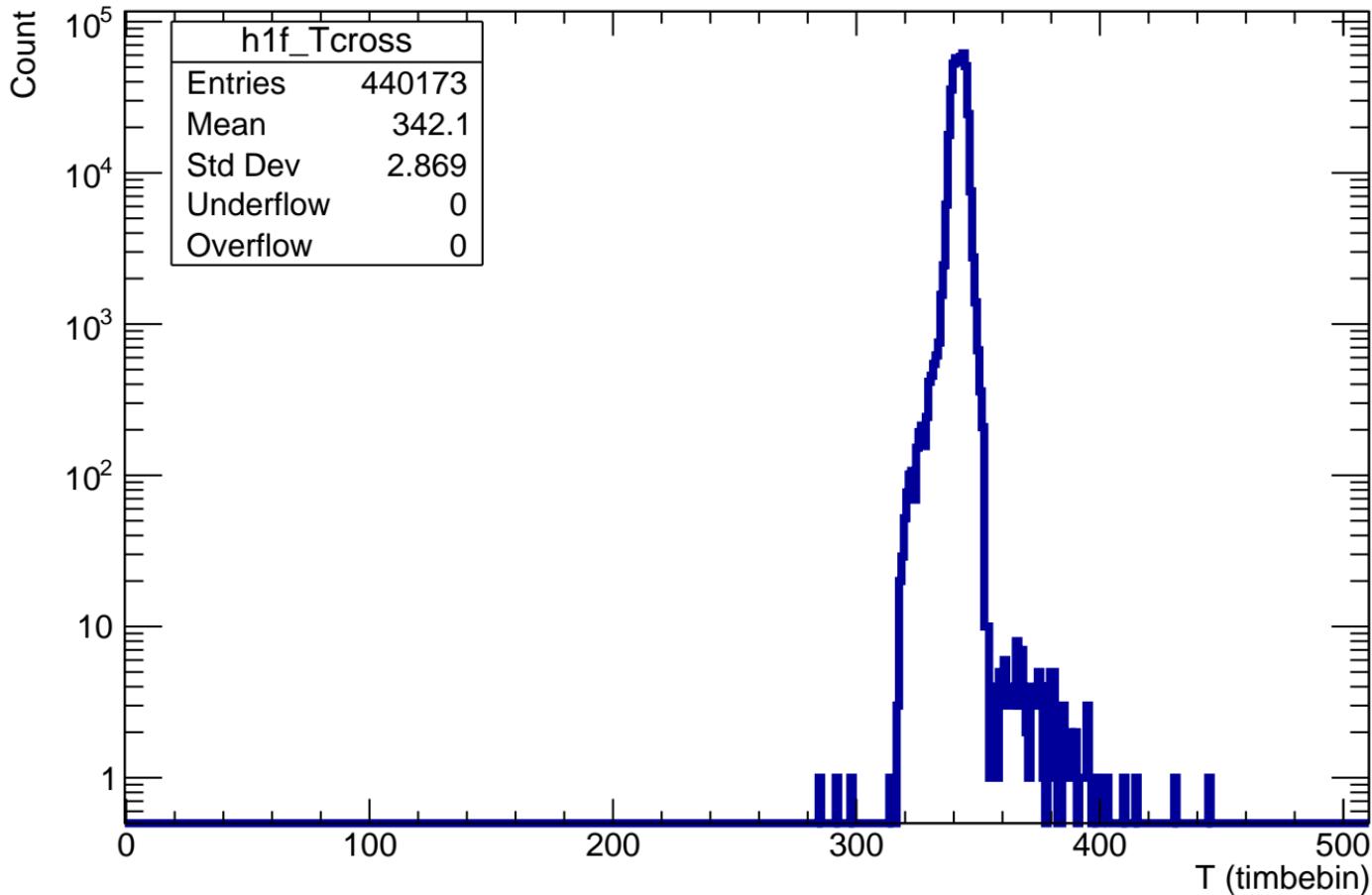
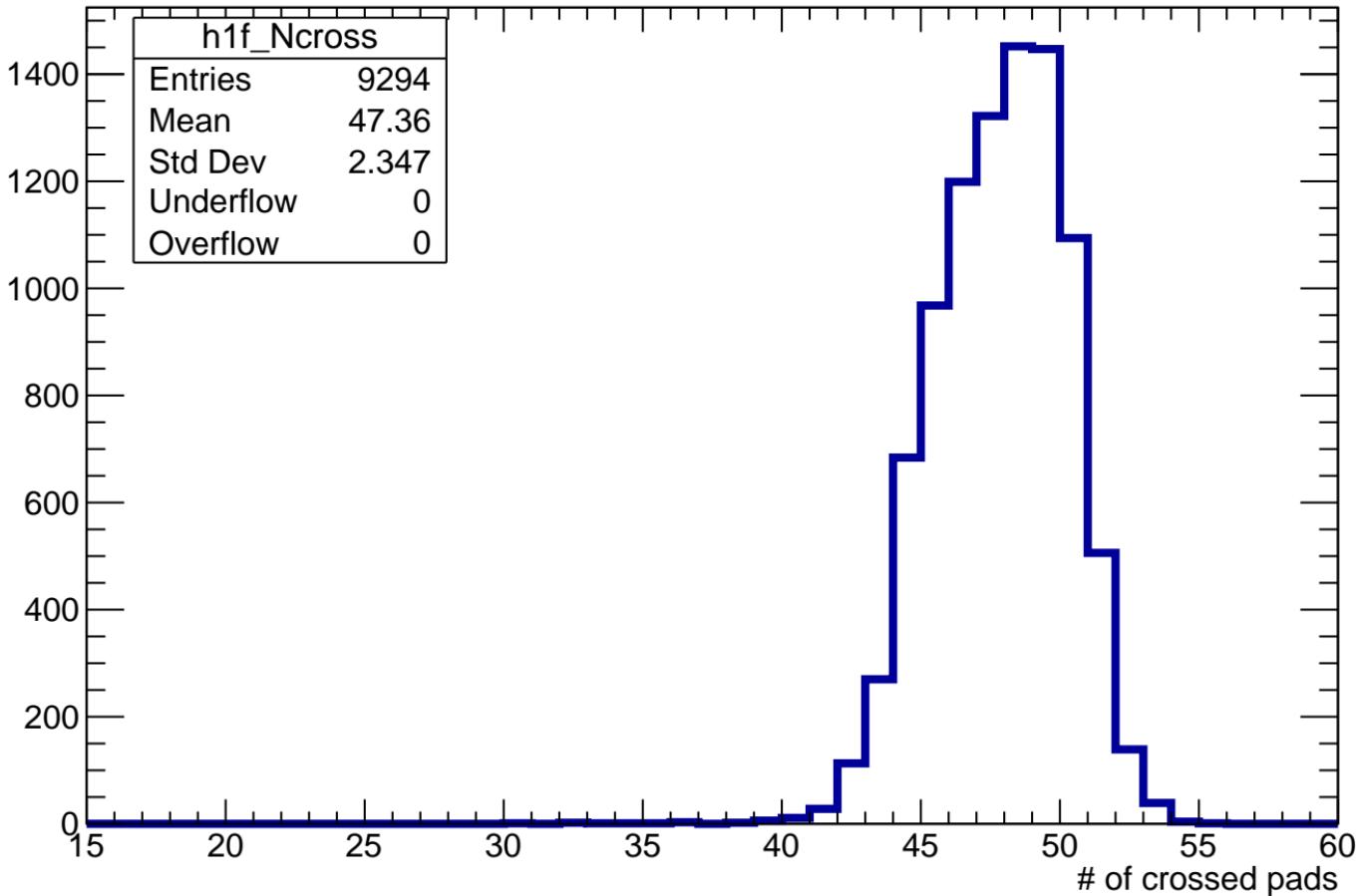


T_{\max} of crossed pads



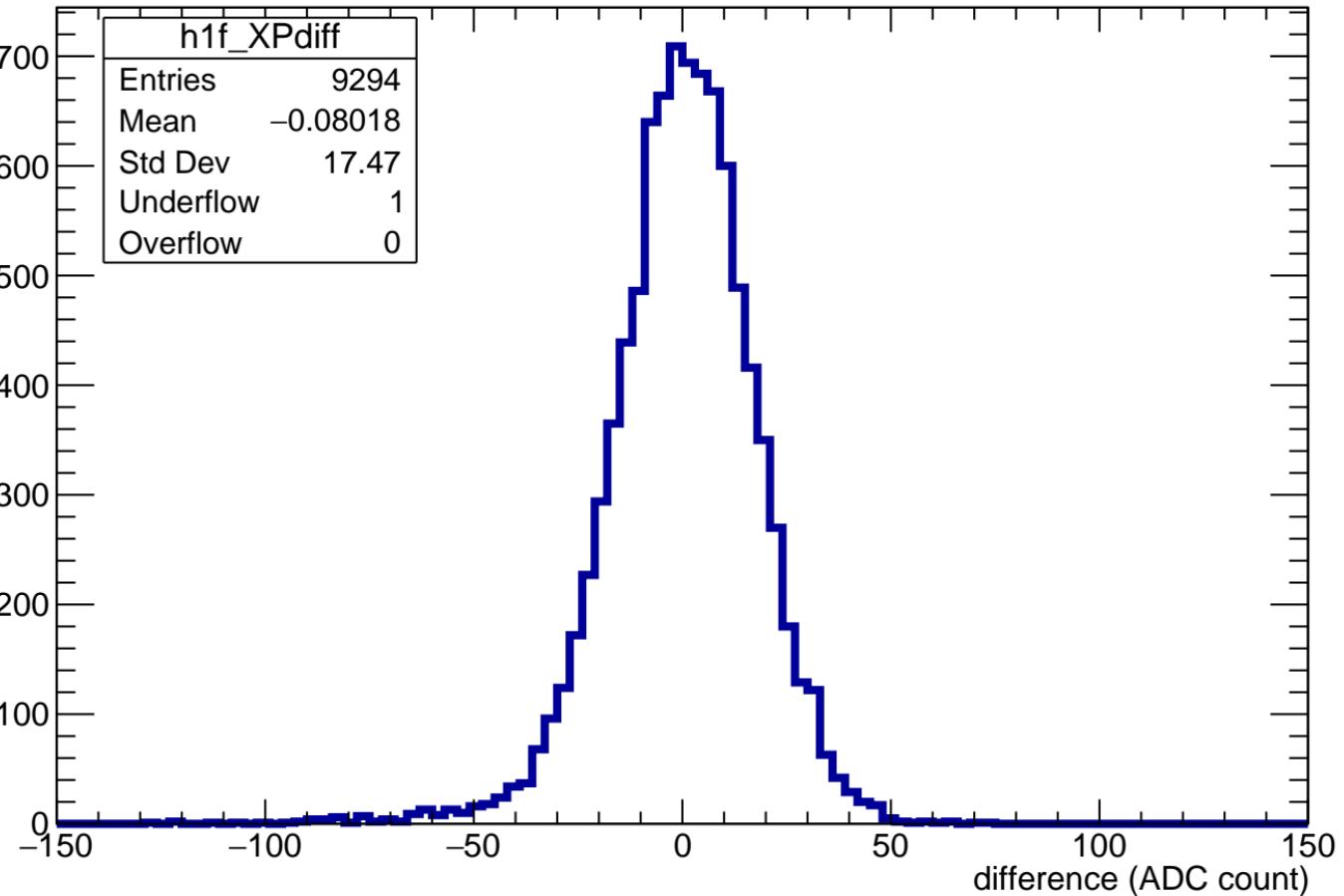
Number of crossed pads

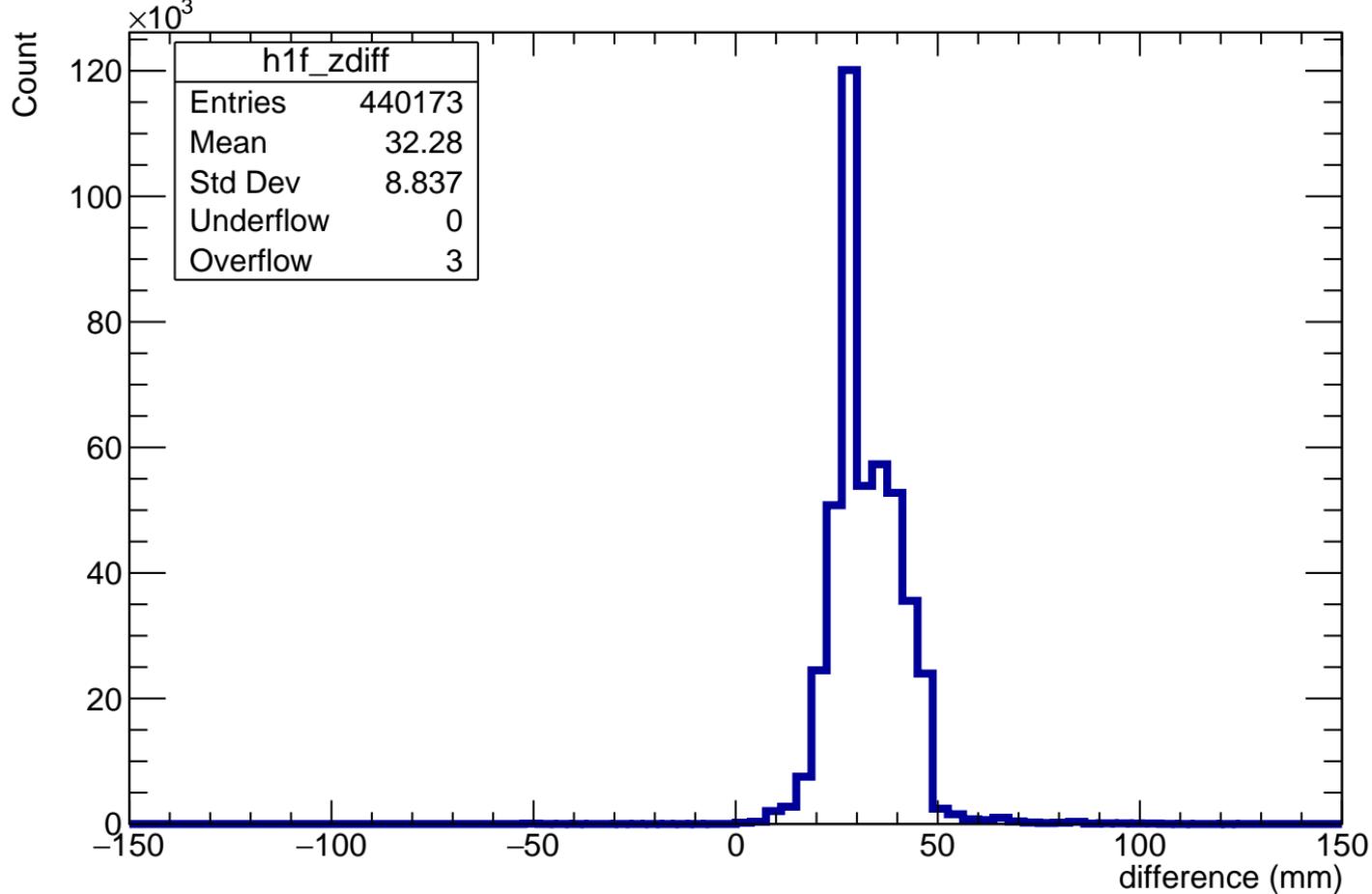
Count



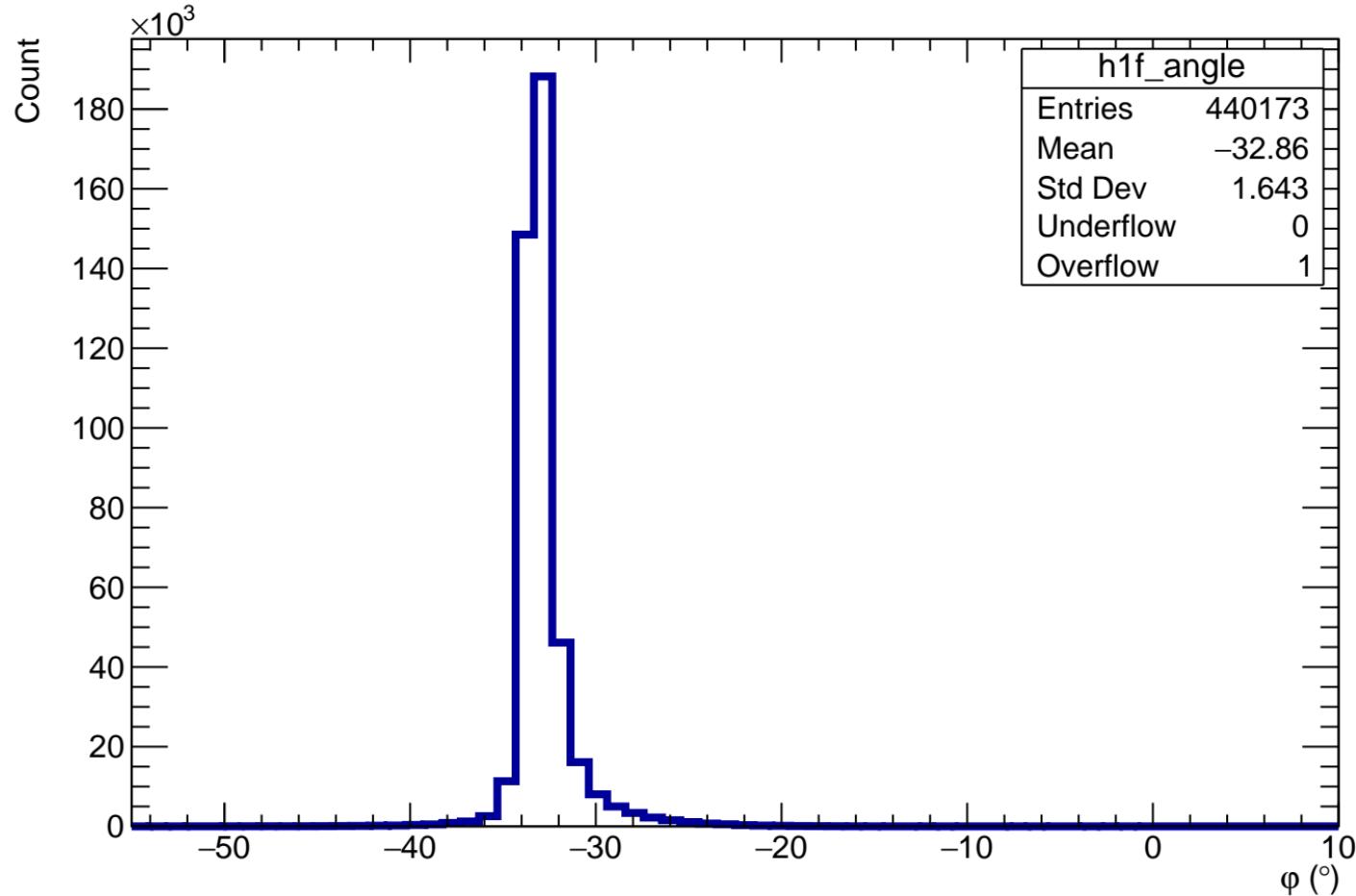
$$\Sigma(Q)/\Sigma(\text{length}) - \text{mean}\{Q/\text{length}\}$$

Count



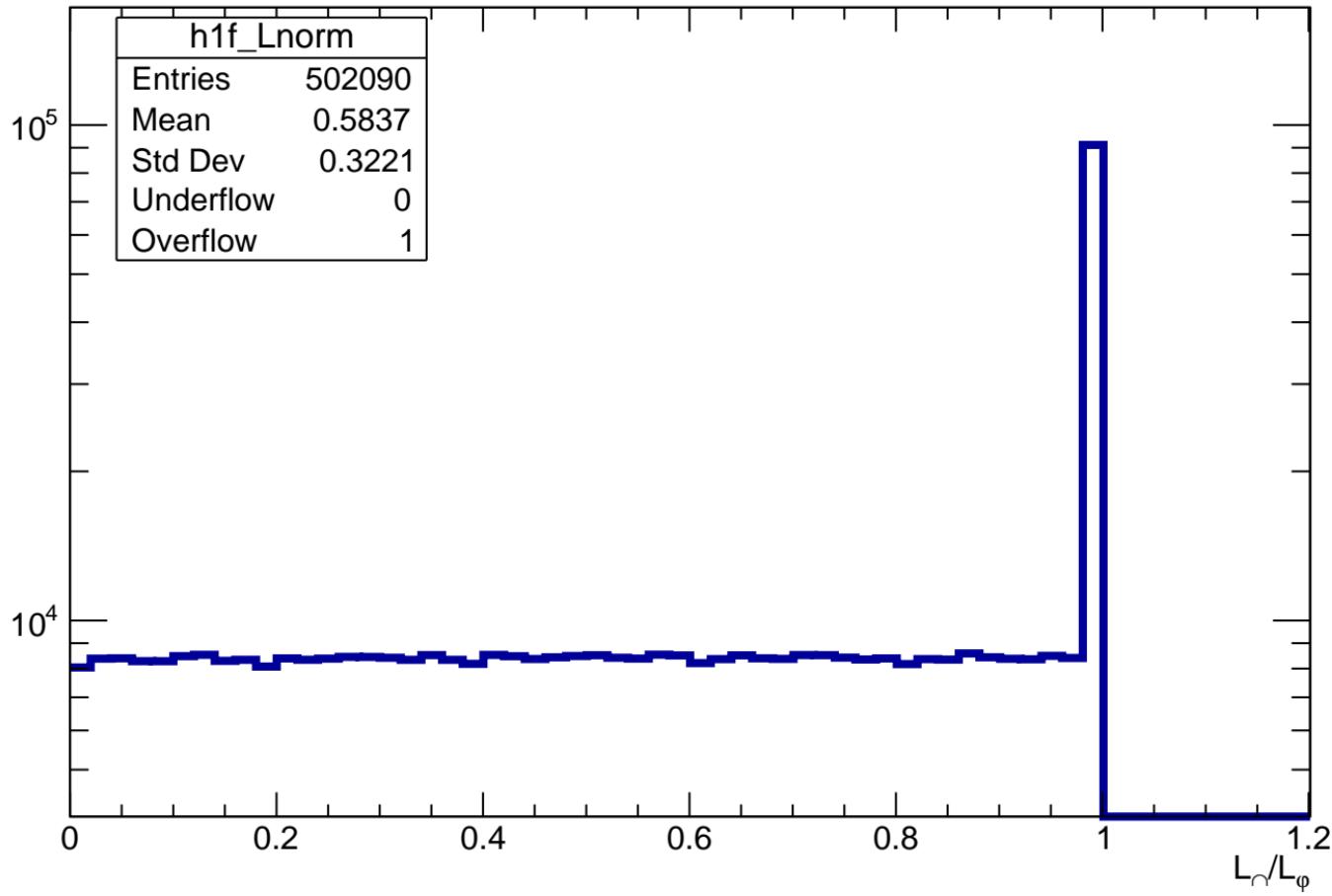
$Z_{\text{file}} = 950\text{mm} - Z_{\text{computed}}$ 

Angle φ in each pad

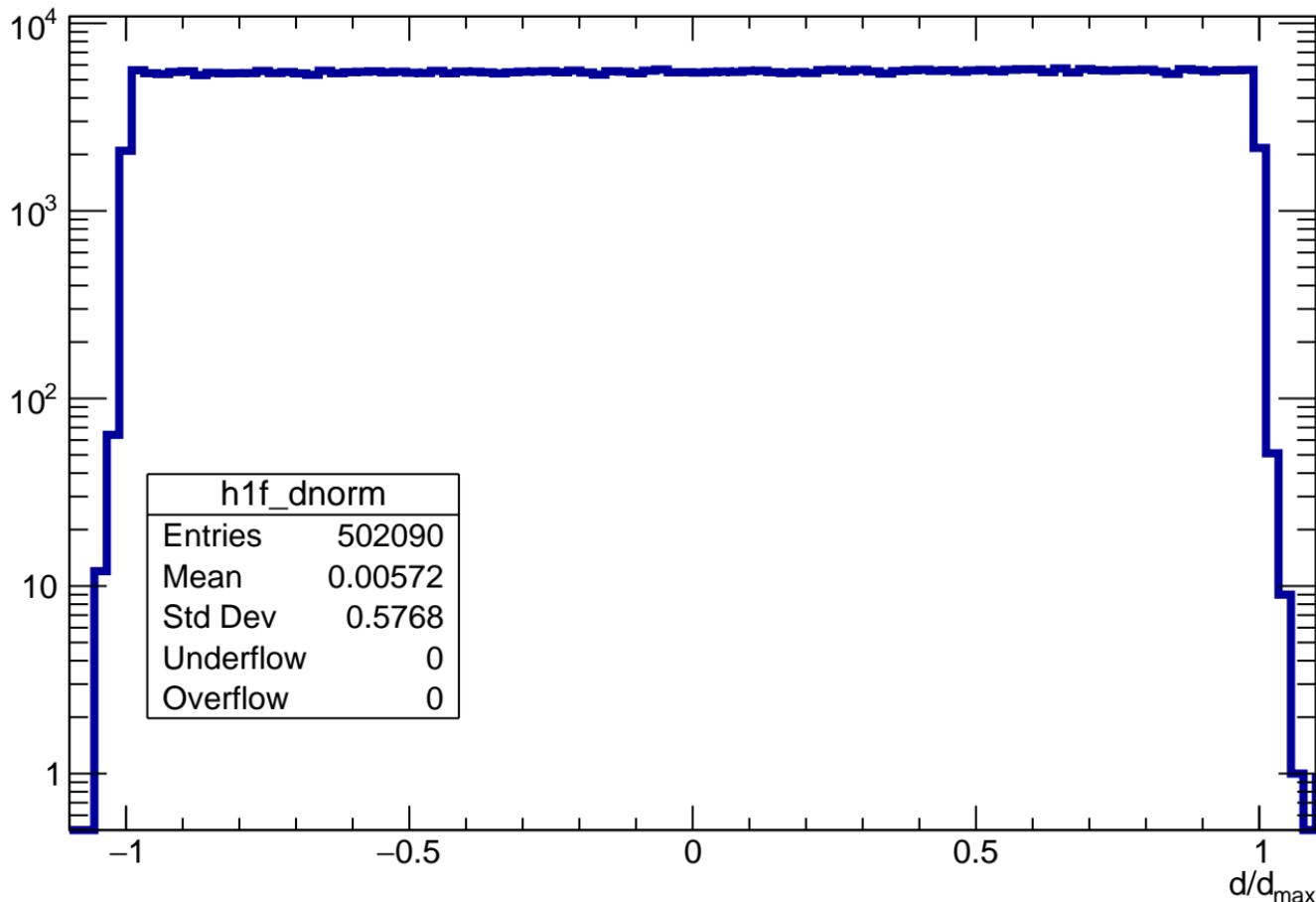


Length in pad normalized to maximum length in pad for a given ϕ

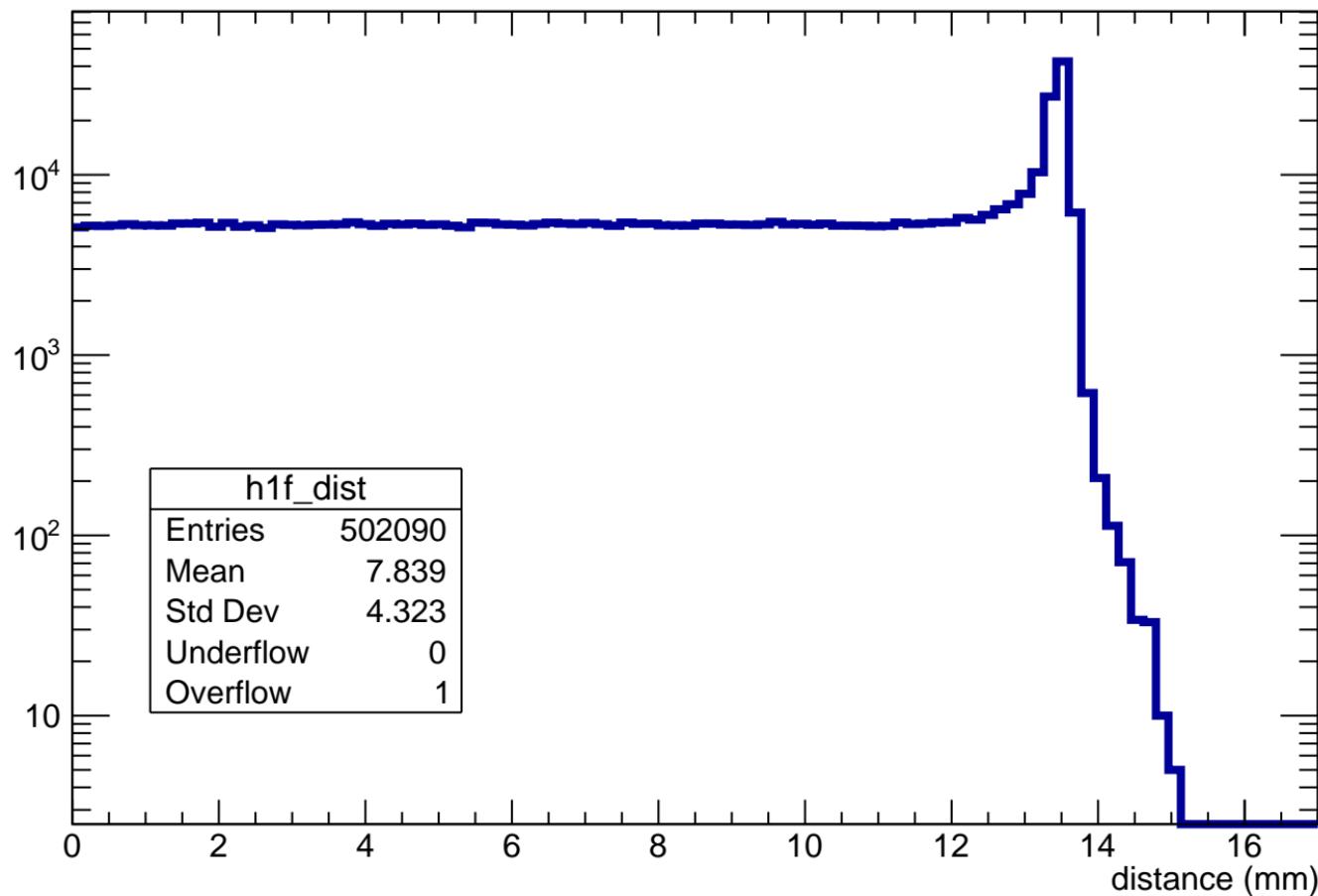
Count



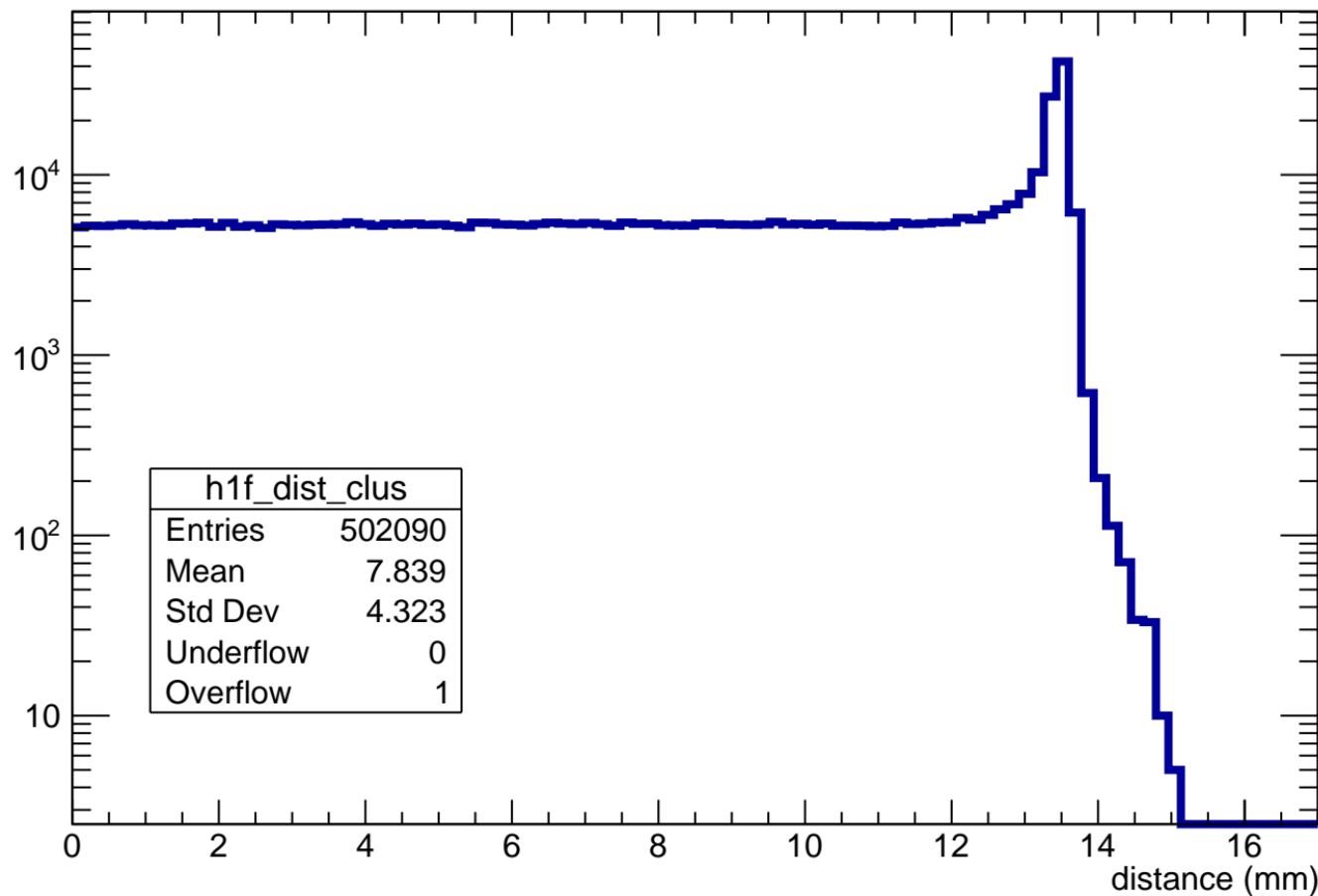
Normalized impact parameter d/d_{\max}



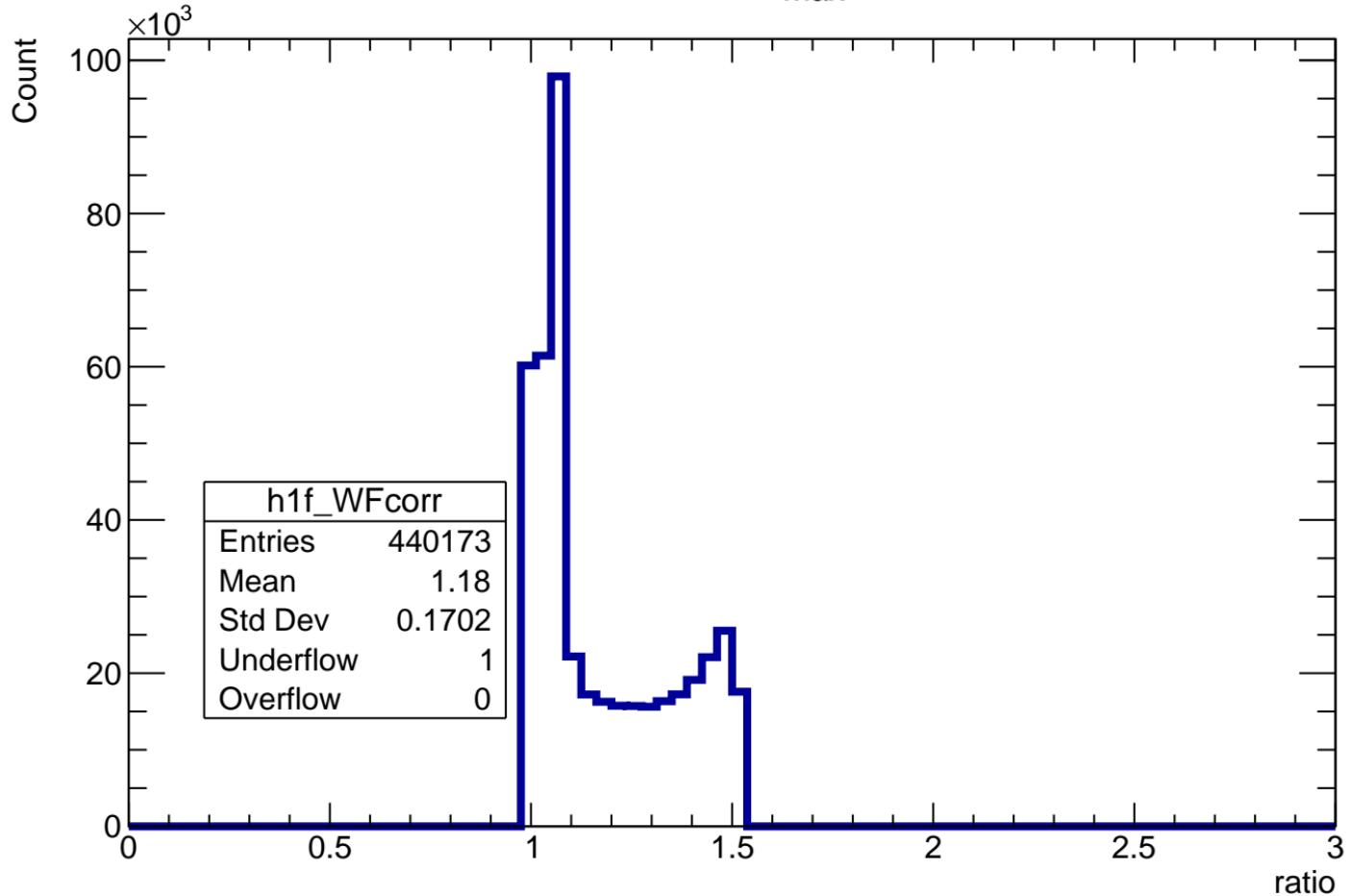
distance of track in pad



distance of track in cluster

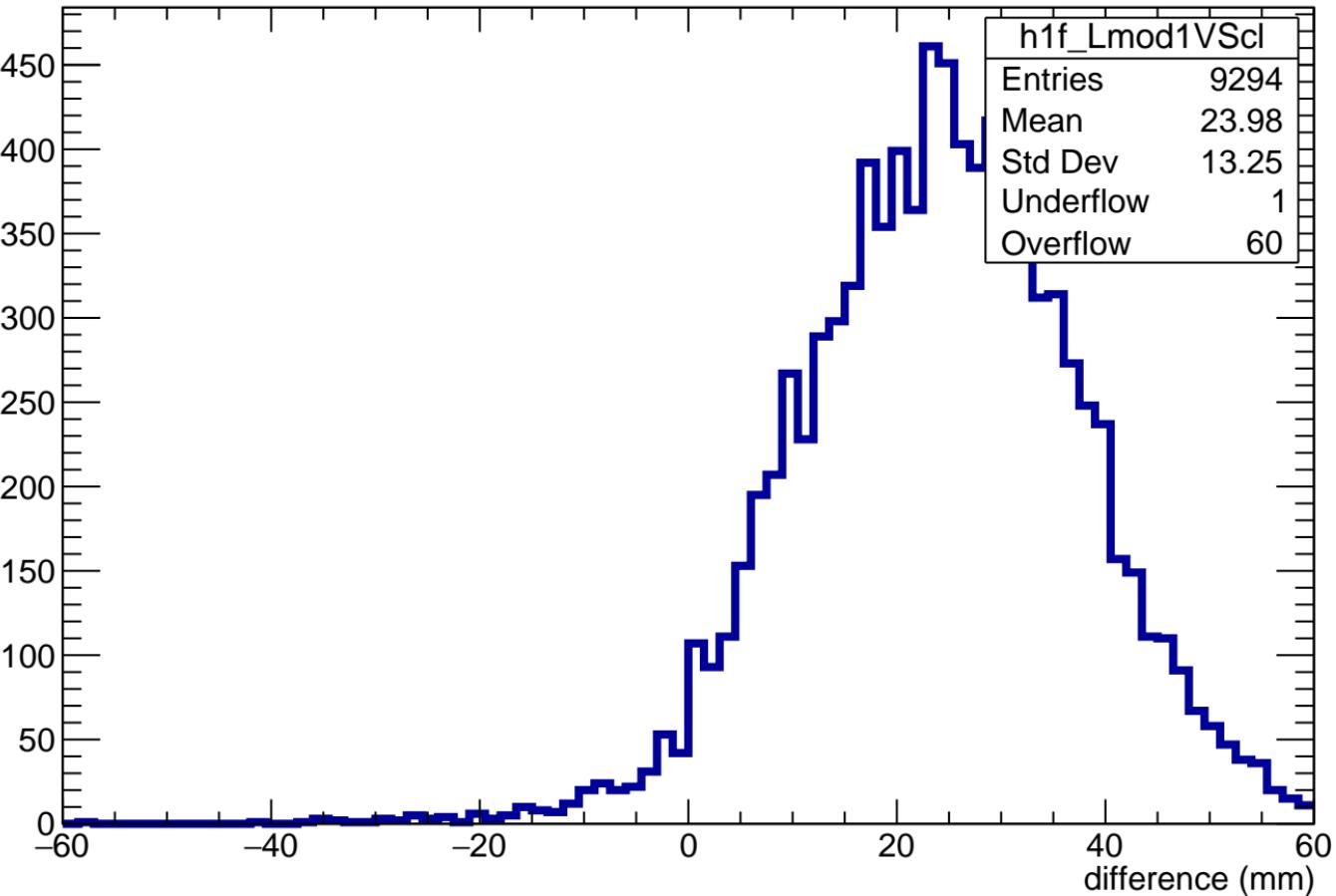


Correction A_{max} ratio



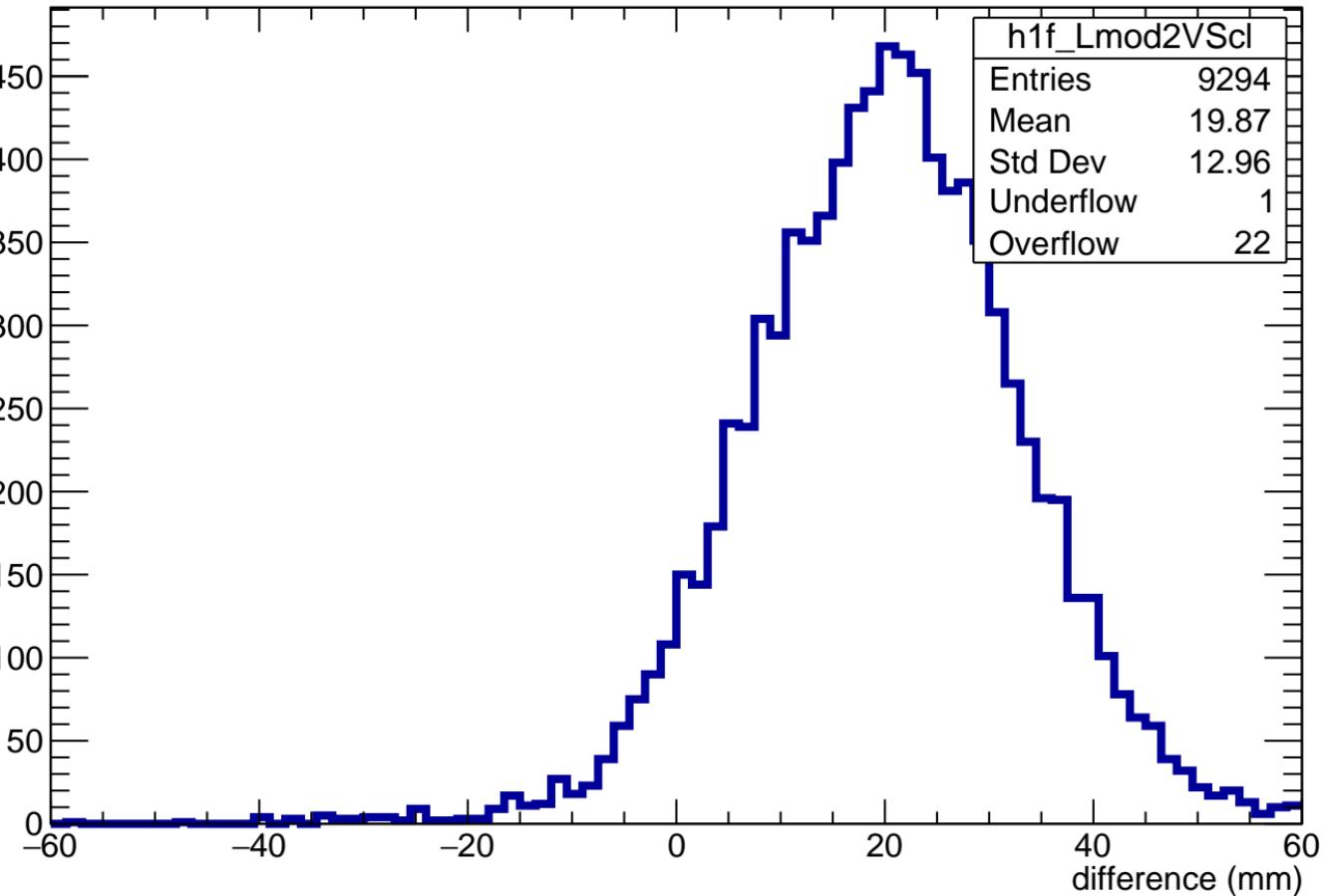
$L_{\text{ERAM}} * 0.7 - \sum L_{\text{clus} > 2\text{mm}}$

Count



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

Count



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

Count

2500

2000

1500

1000

500

0

h1f_LallVScI

Entries 9294

Mean 6.702

Std Dev 2.127

Underflow 0

Overflow 0

-60

-40

-20

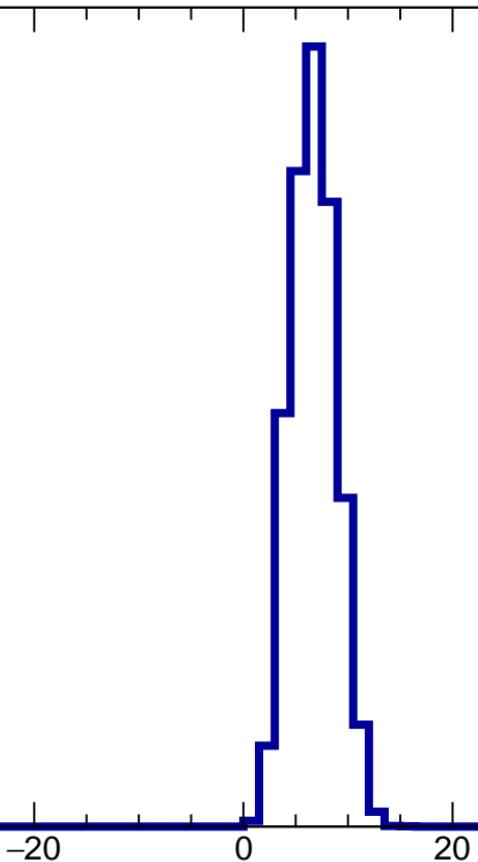
0

20

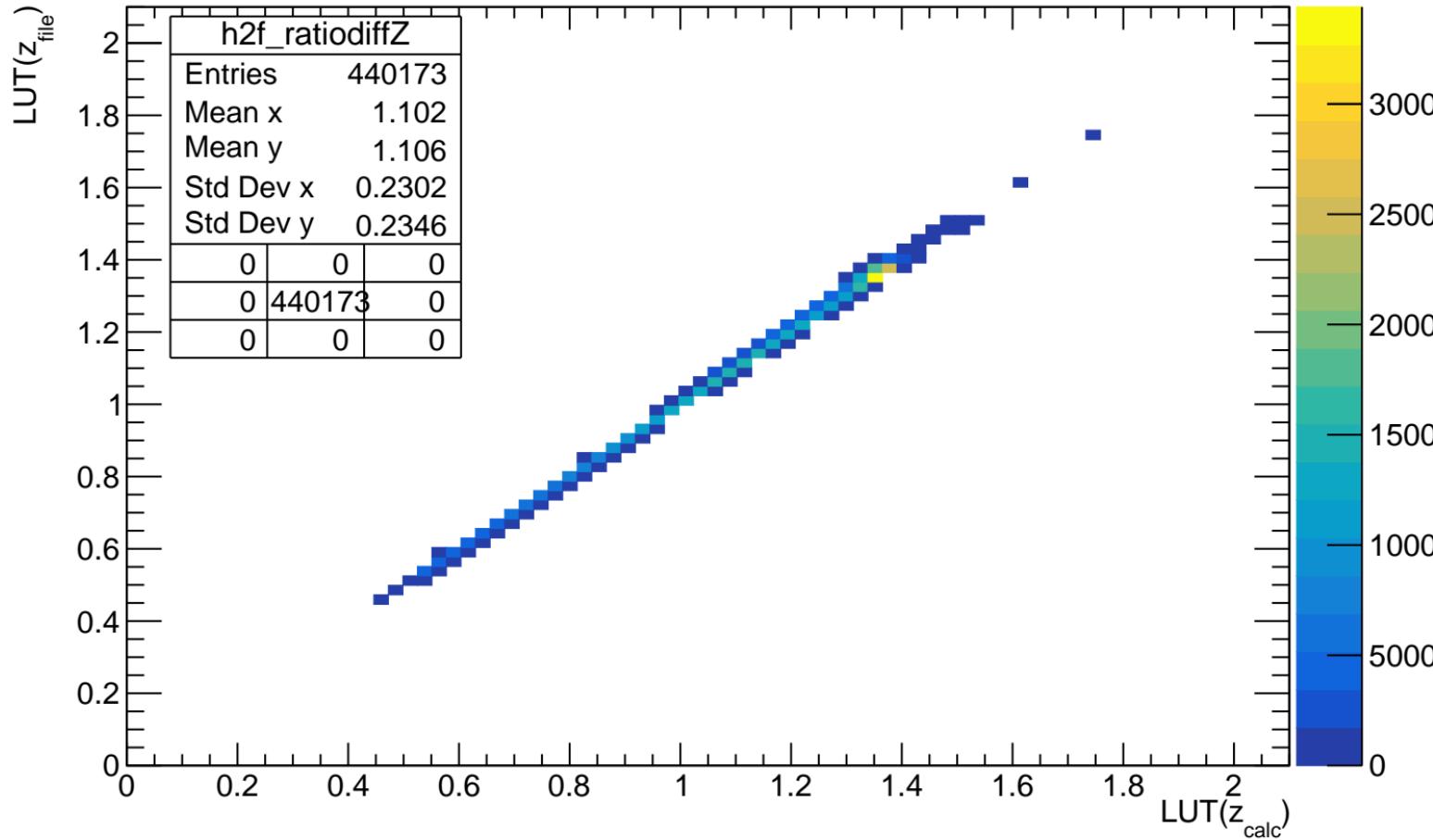
40

60

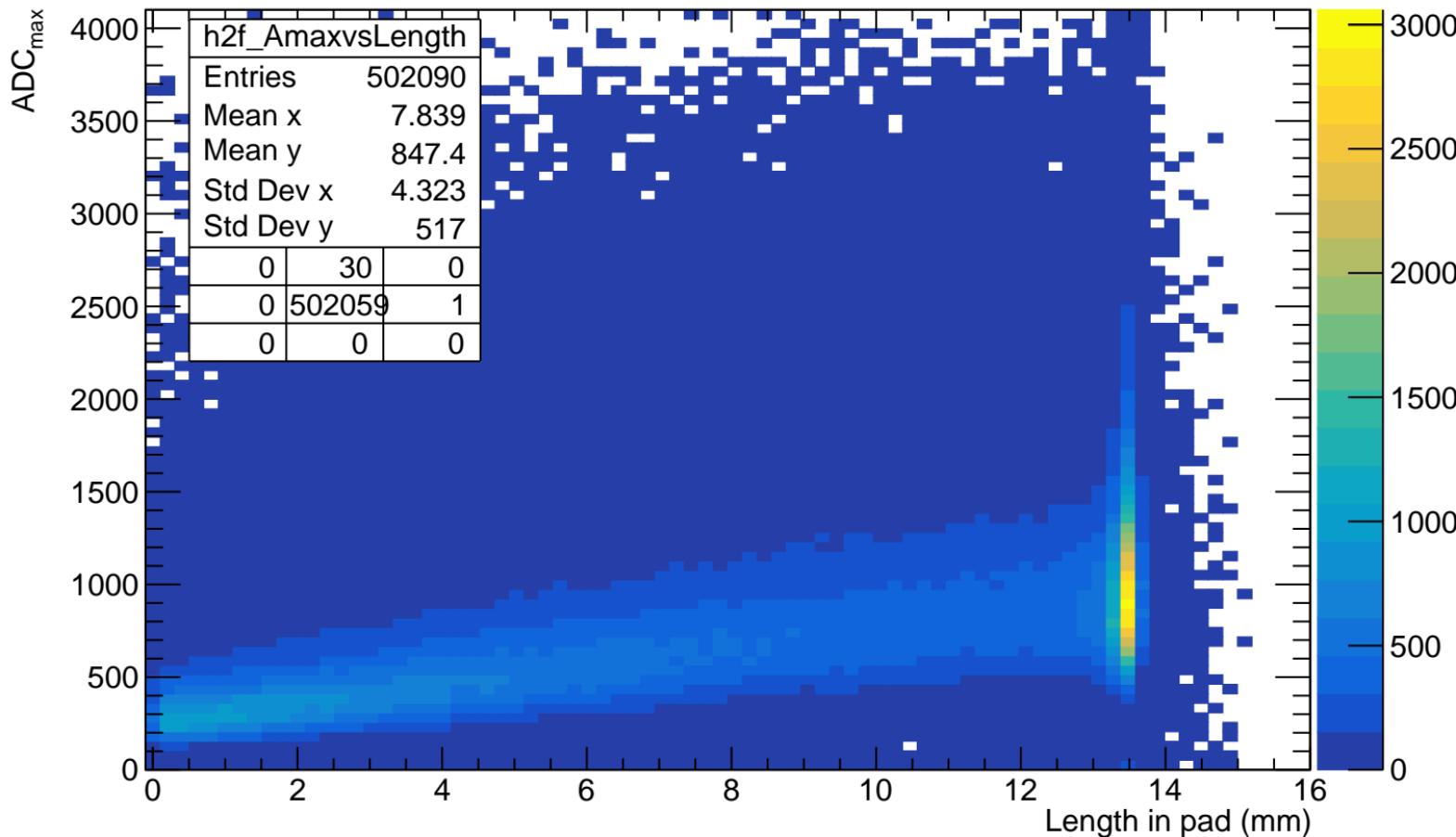
difference (mm)



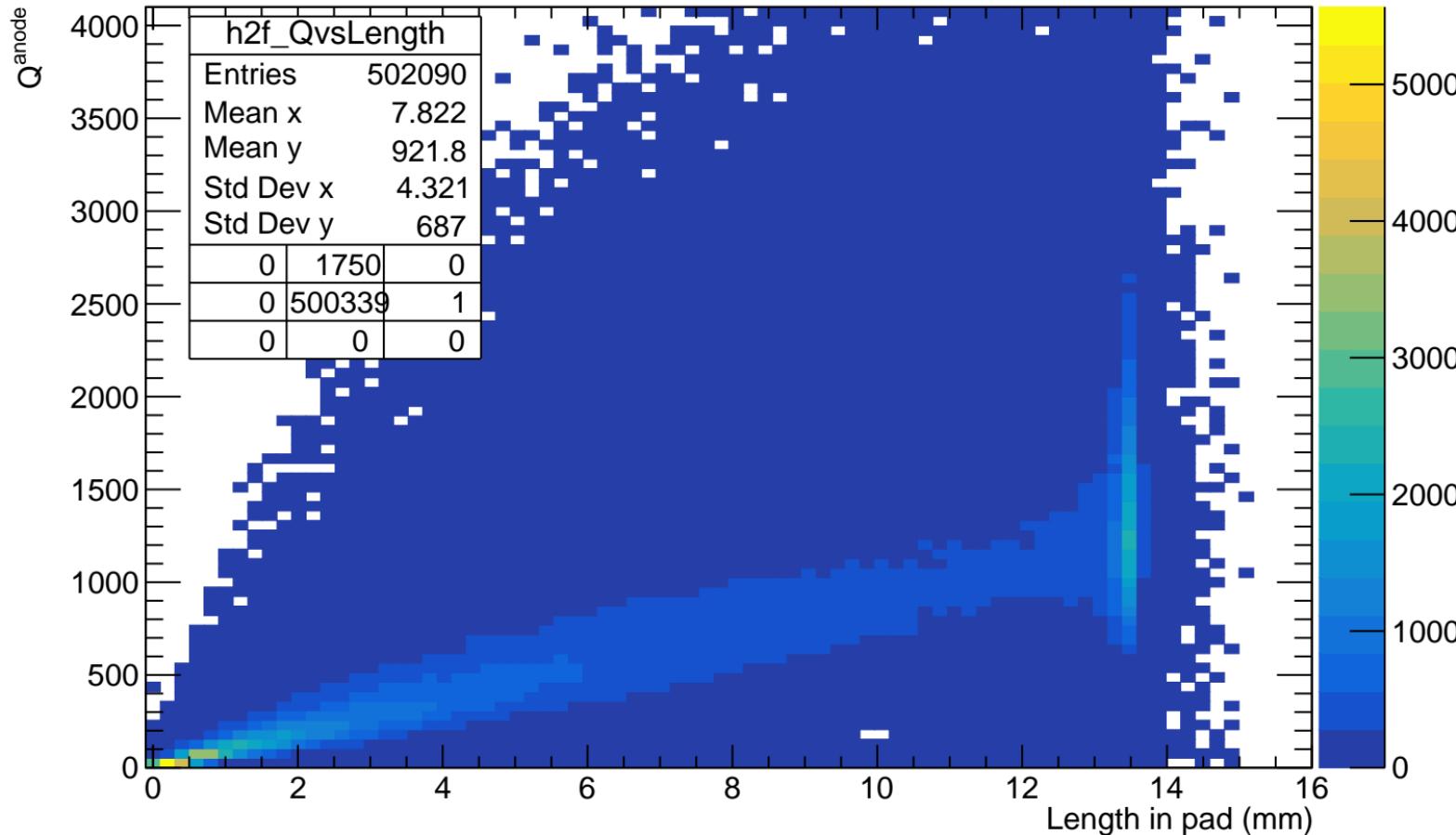
LUT(z_{file}) vs LUT(z_{calc})



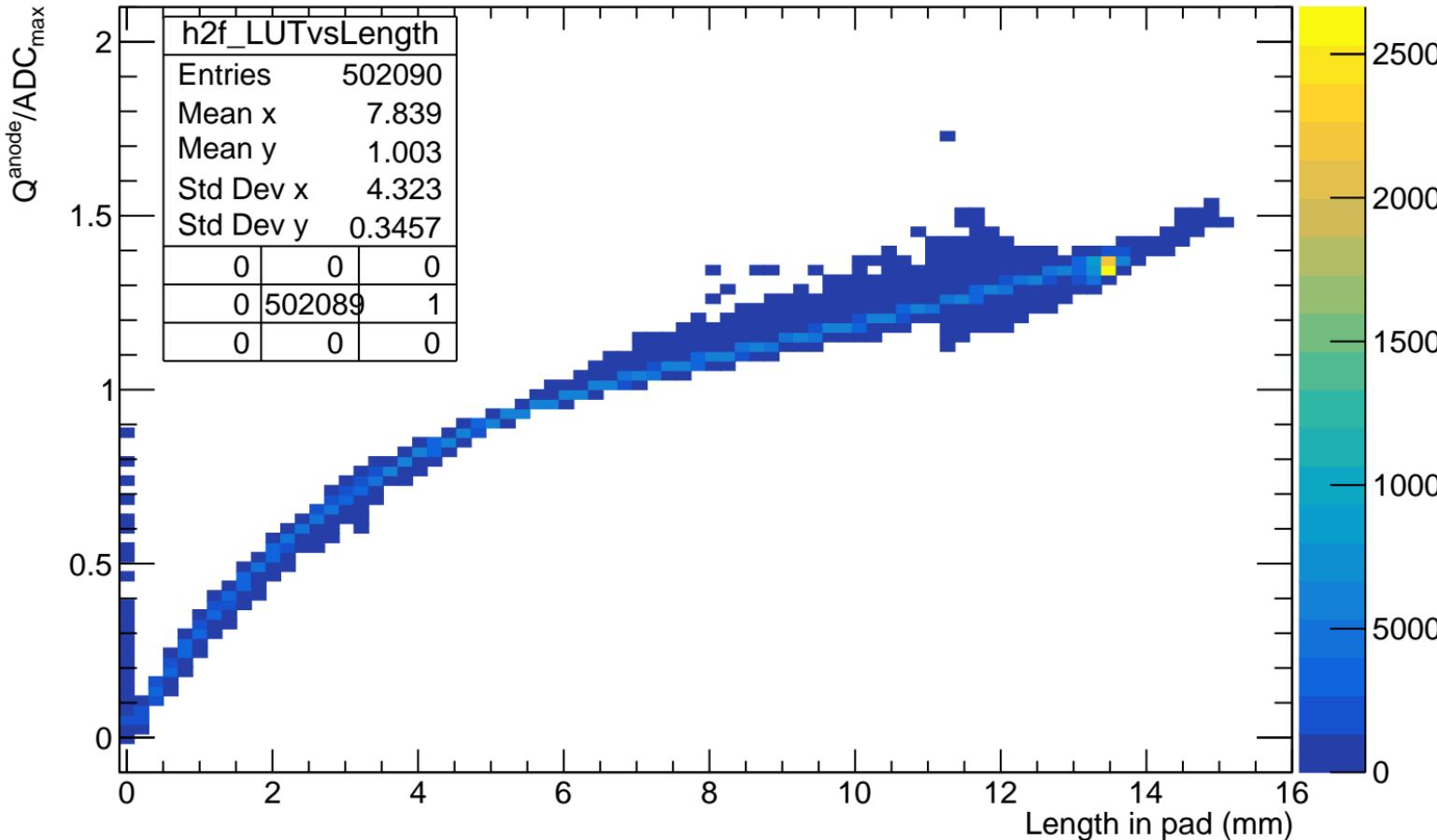
ADC_{max} VS length in pad (before length cut)



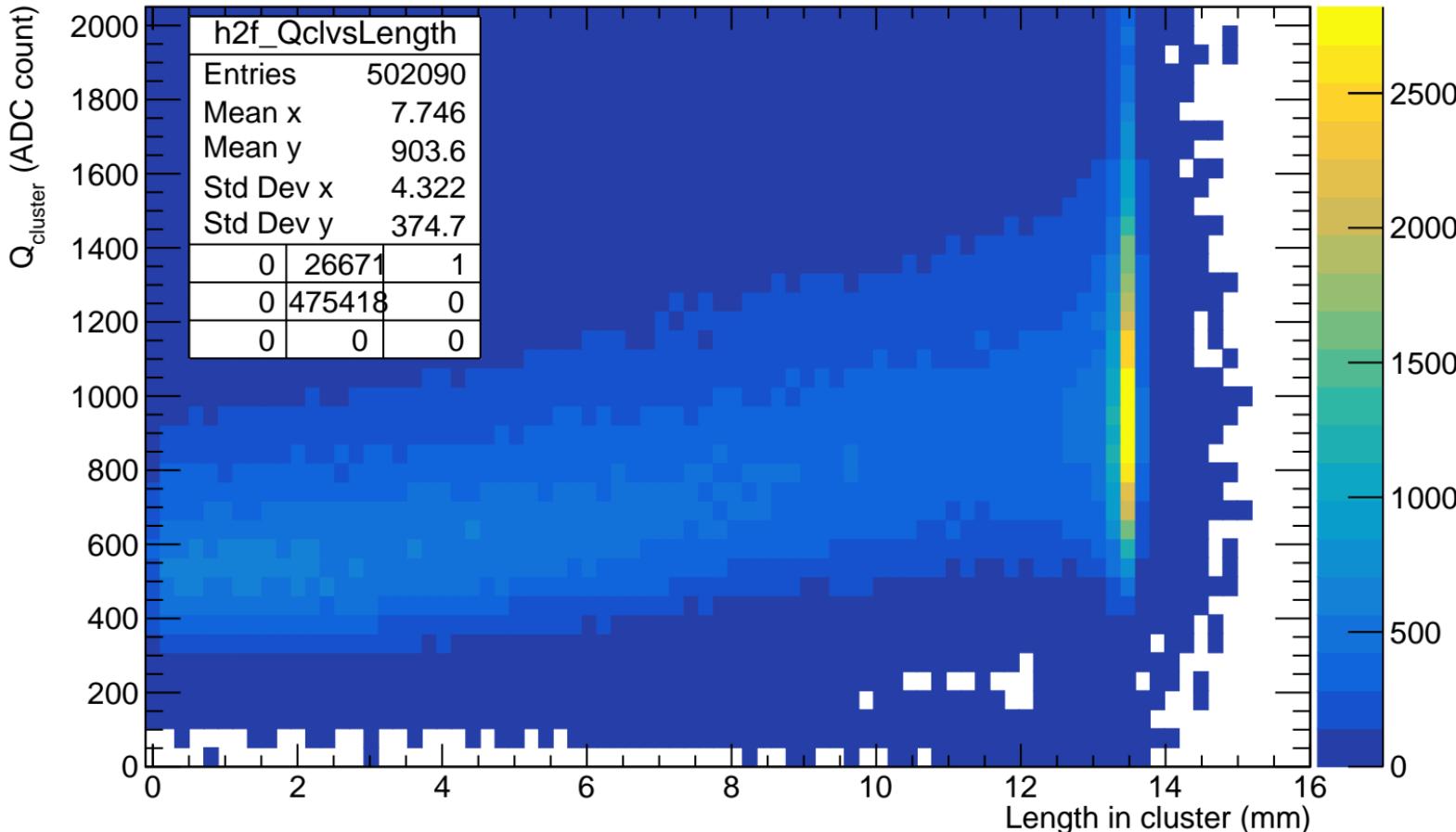
Q^{anode} VS length in pad (before length cut)



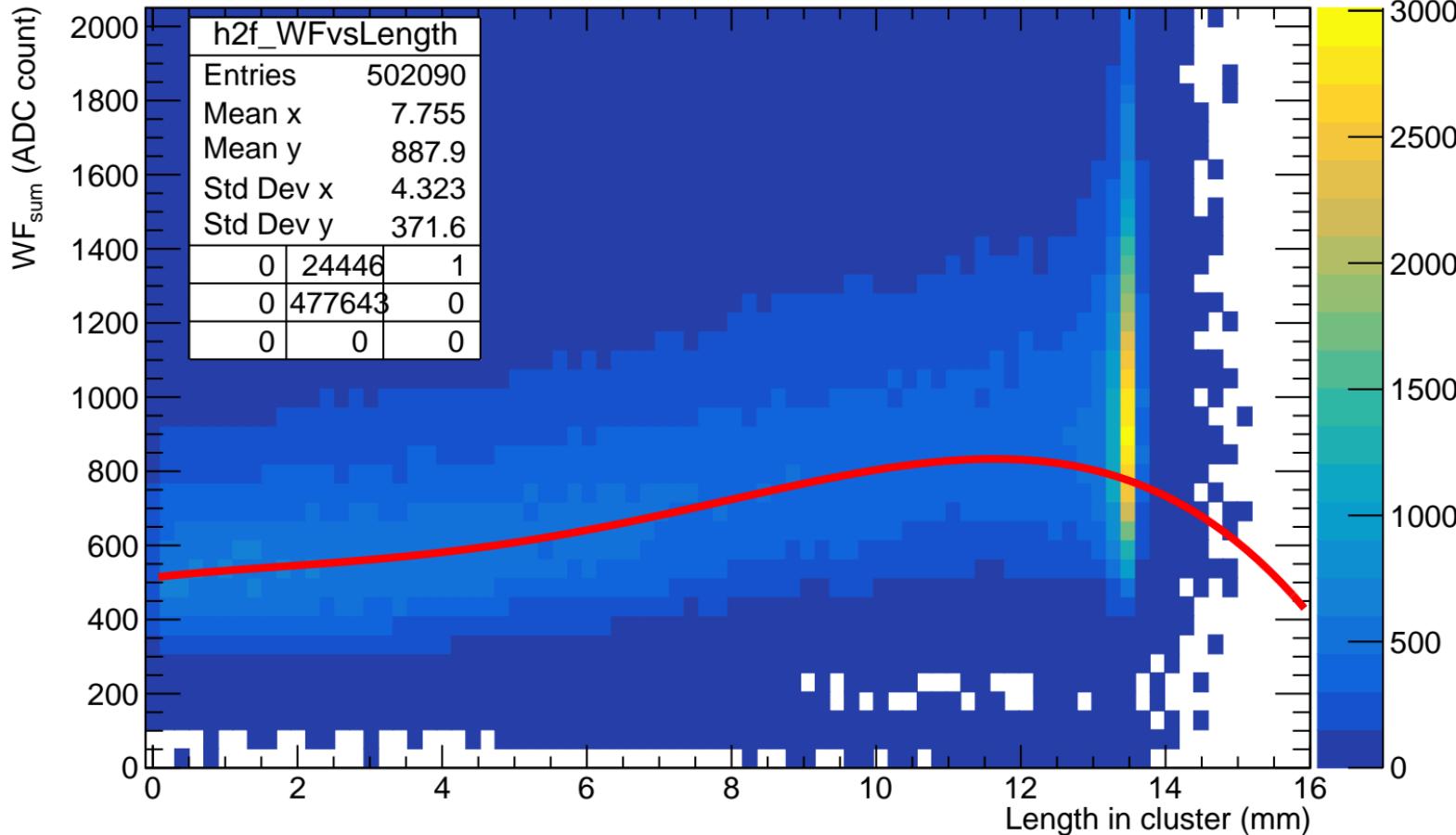
$Q^{\text{anode}}/\text{ADC}_{\max}$ VS length in pad (before length cut)



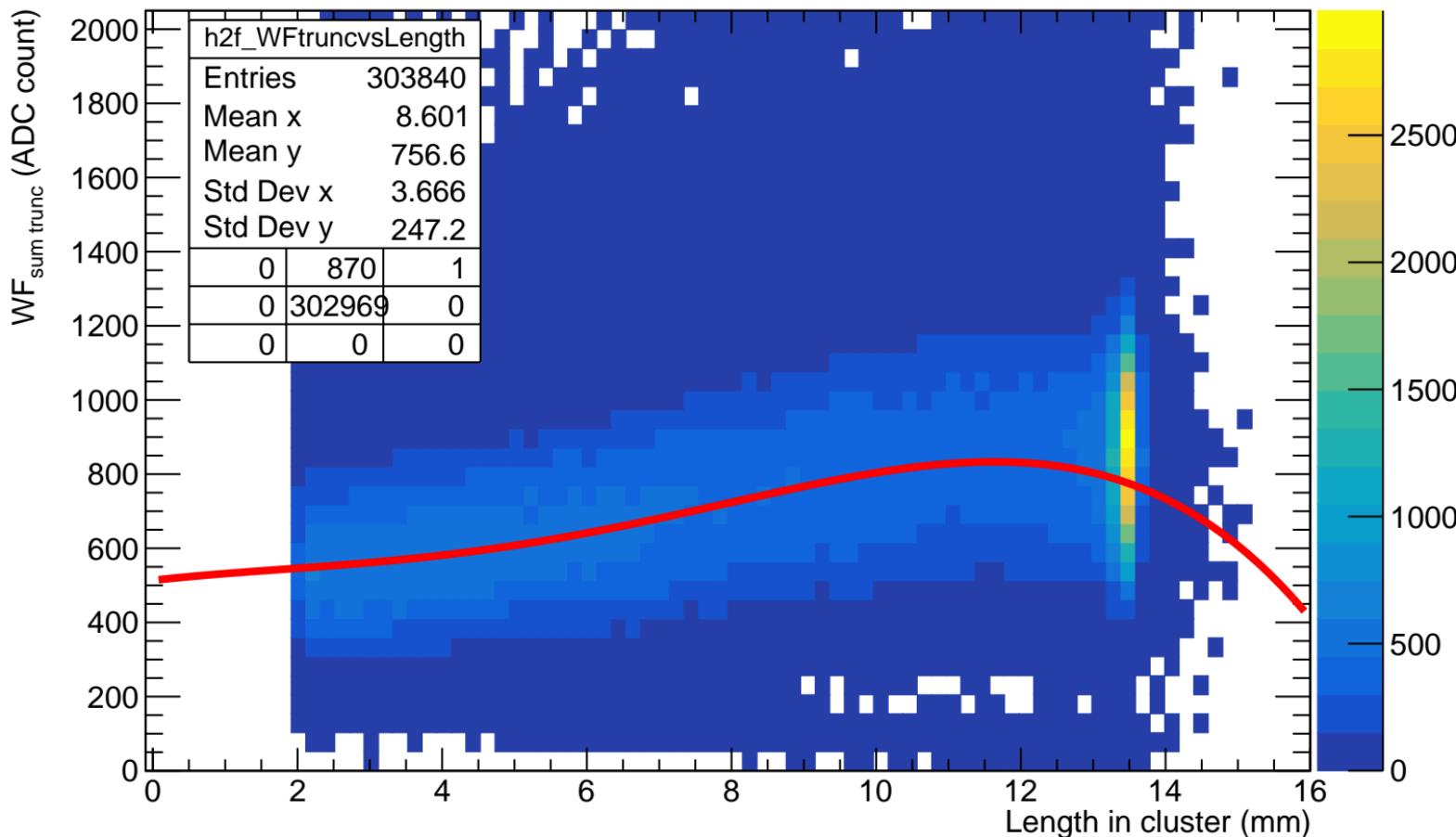
Q_{cluster} VS length in cluster



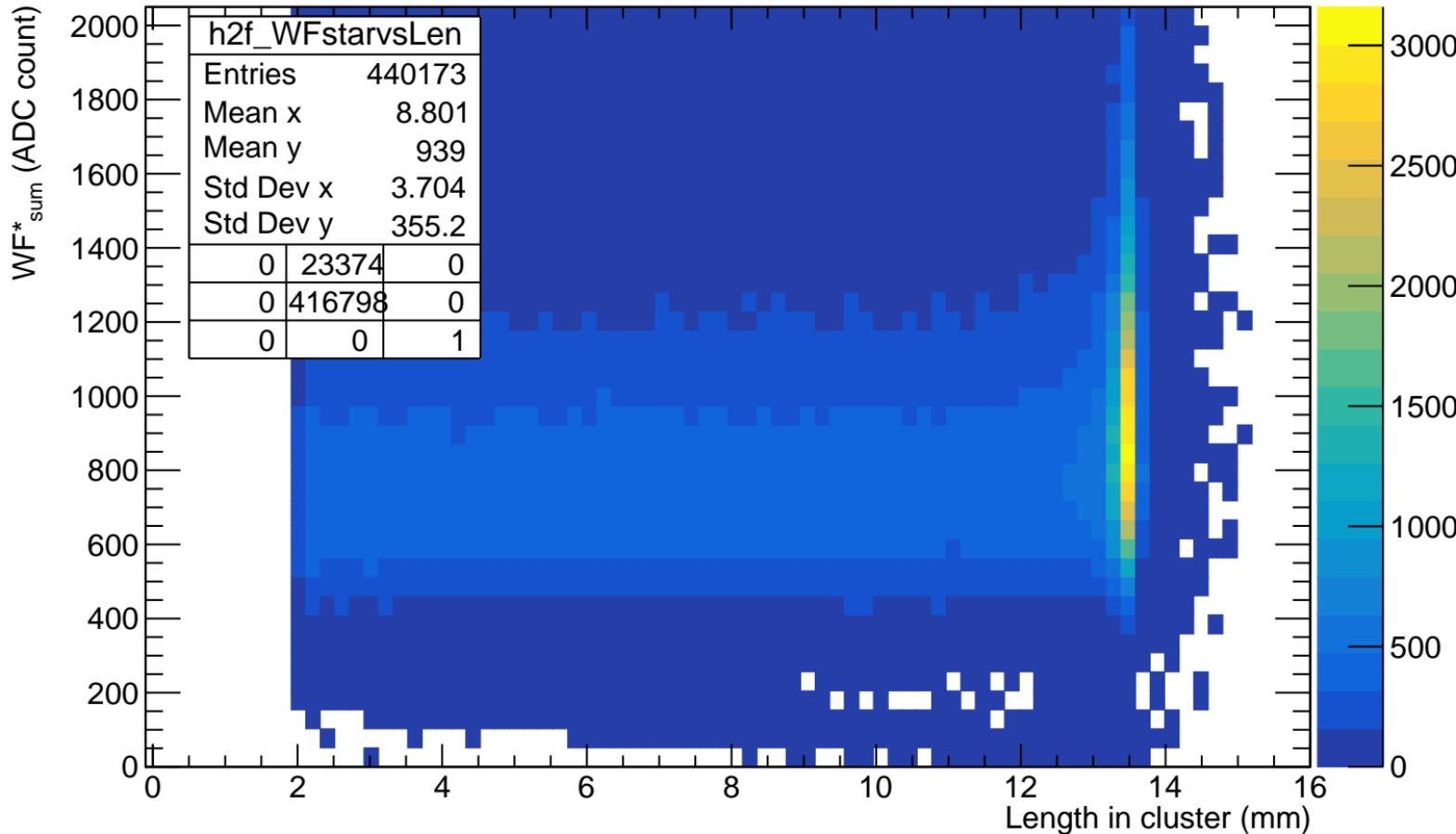
WF_{sum} VS length in cluster



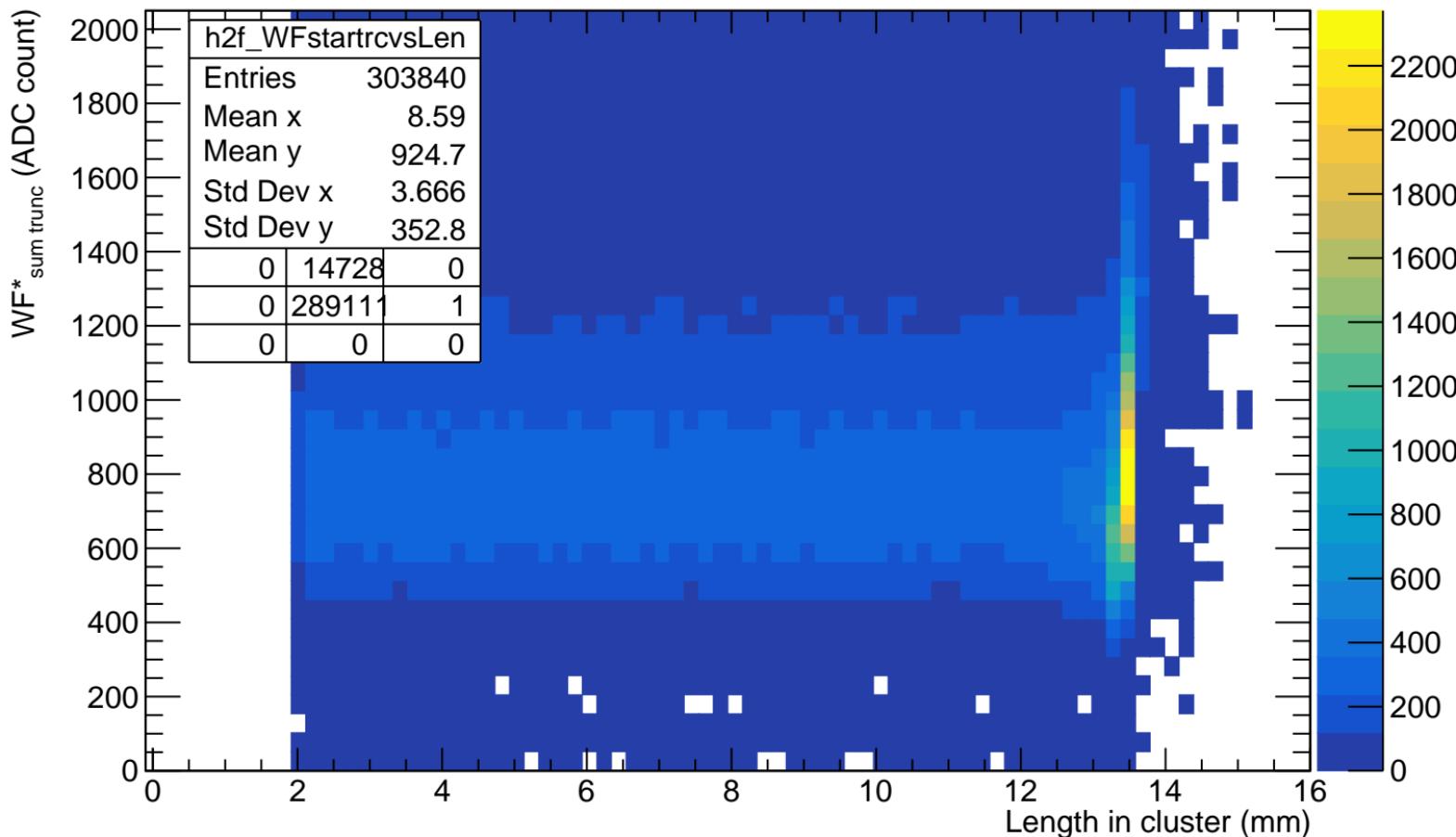
WF_{sum} truncated VS length in cluster

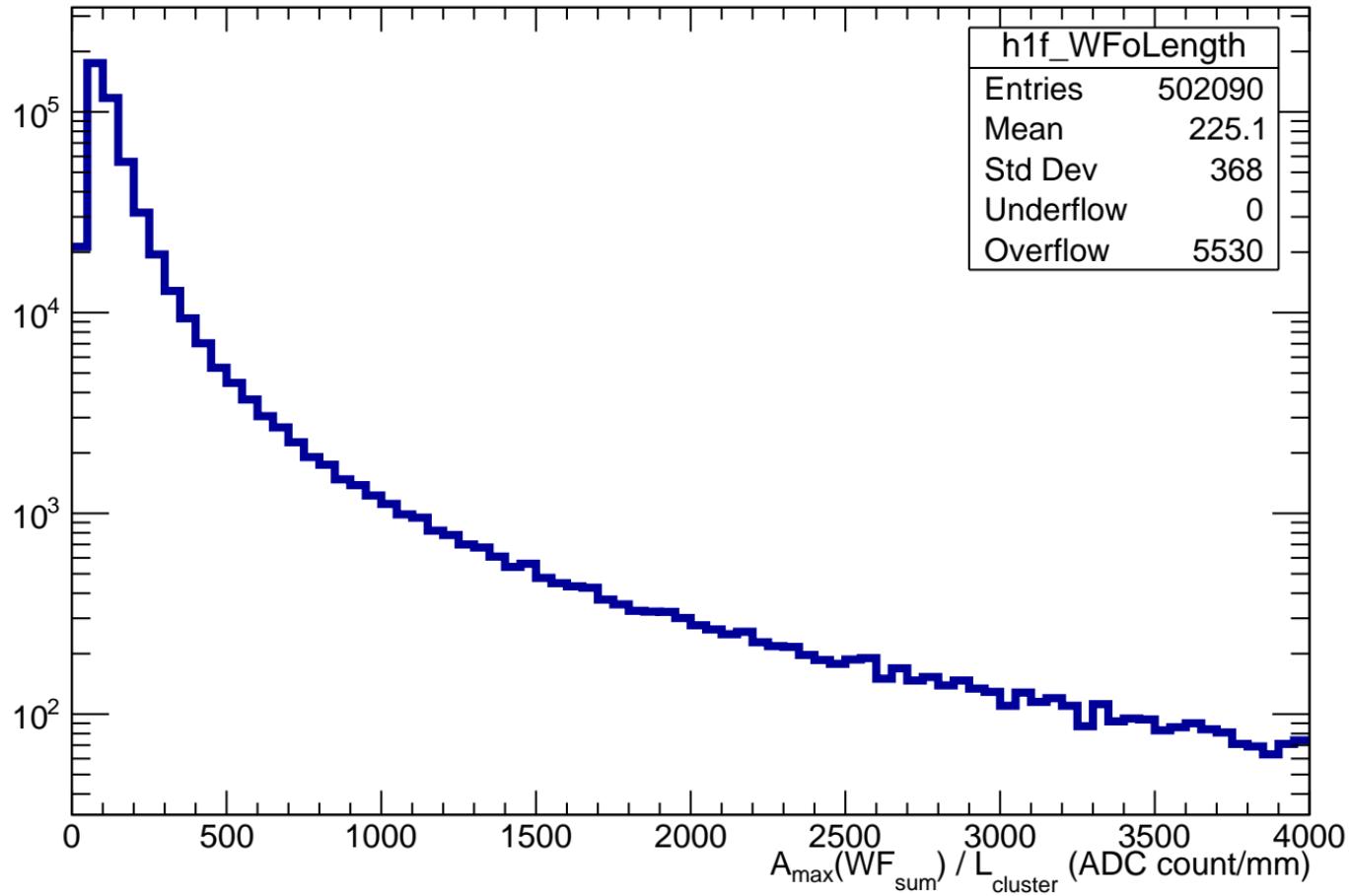


WF*_{sum} VS length in cluster



WF*_{sum truncated} VS length in cluster



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

impact parameter d vs length in pad

