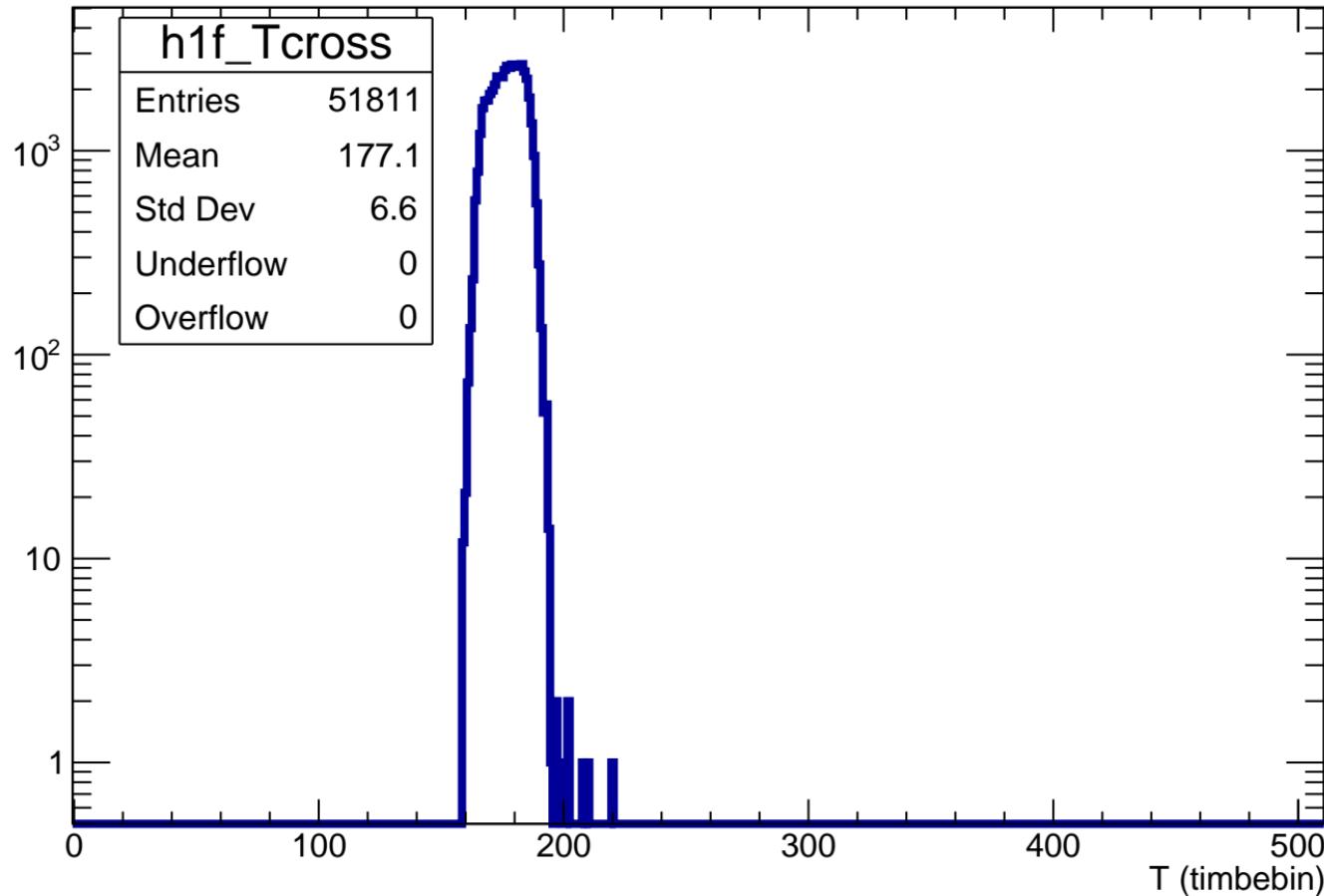


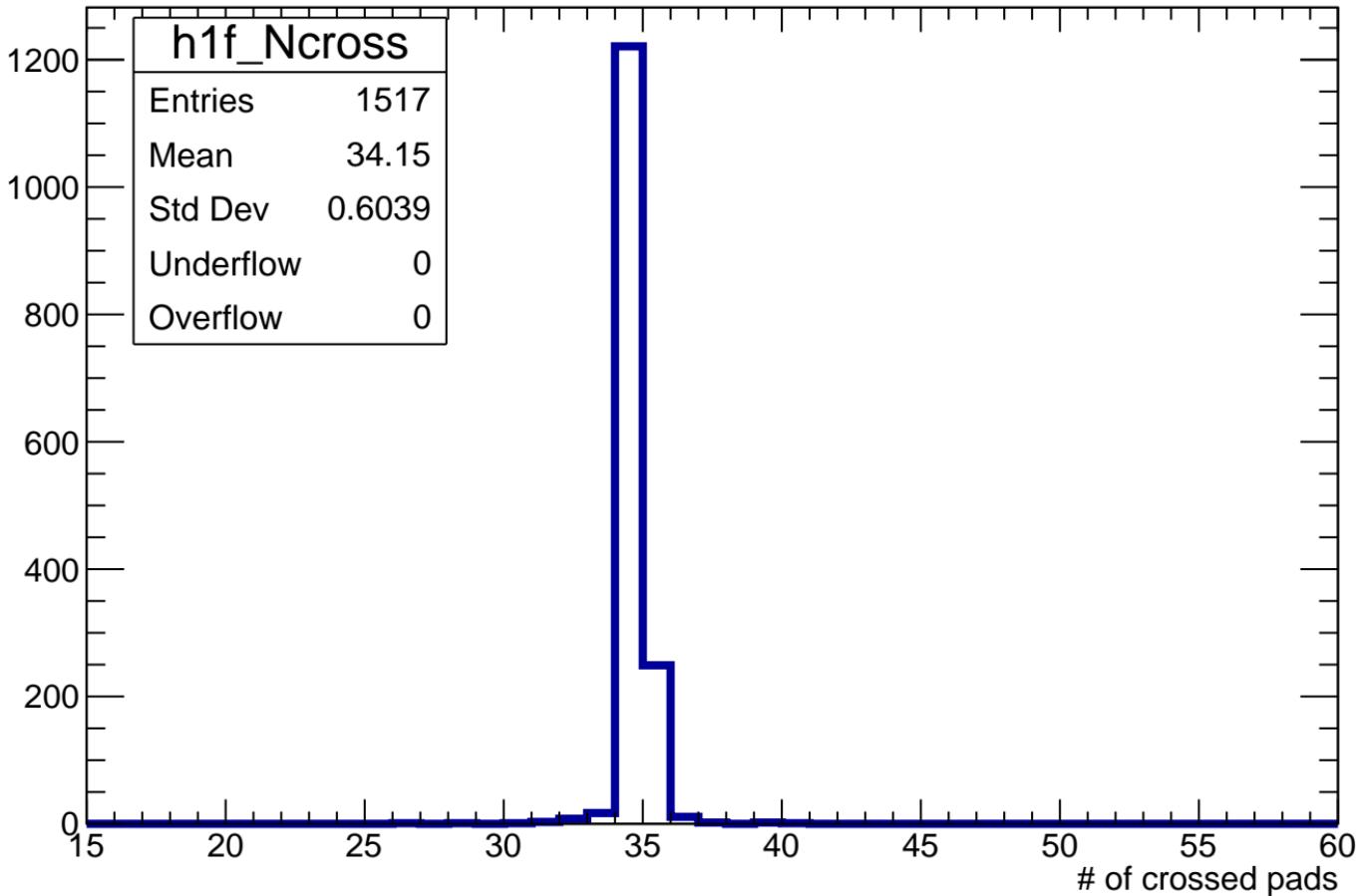
T_{\max} of crossed pads

Count



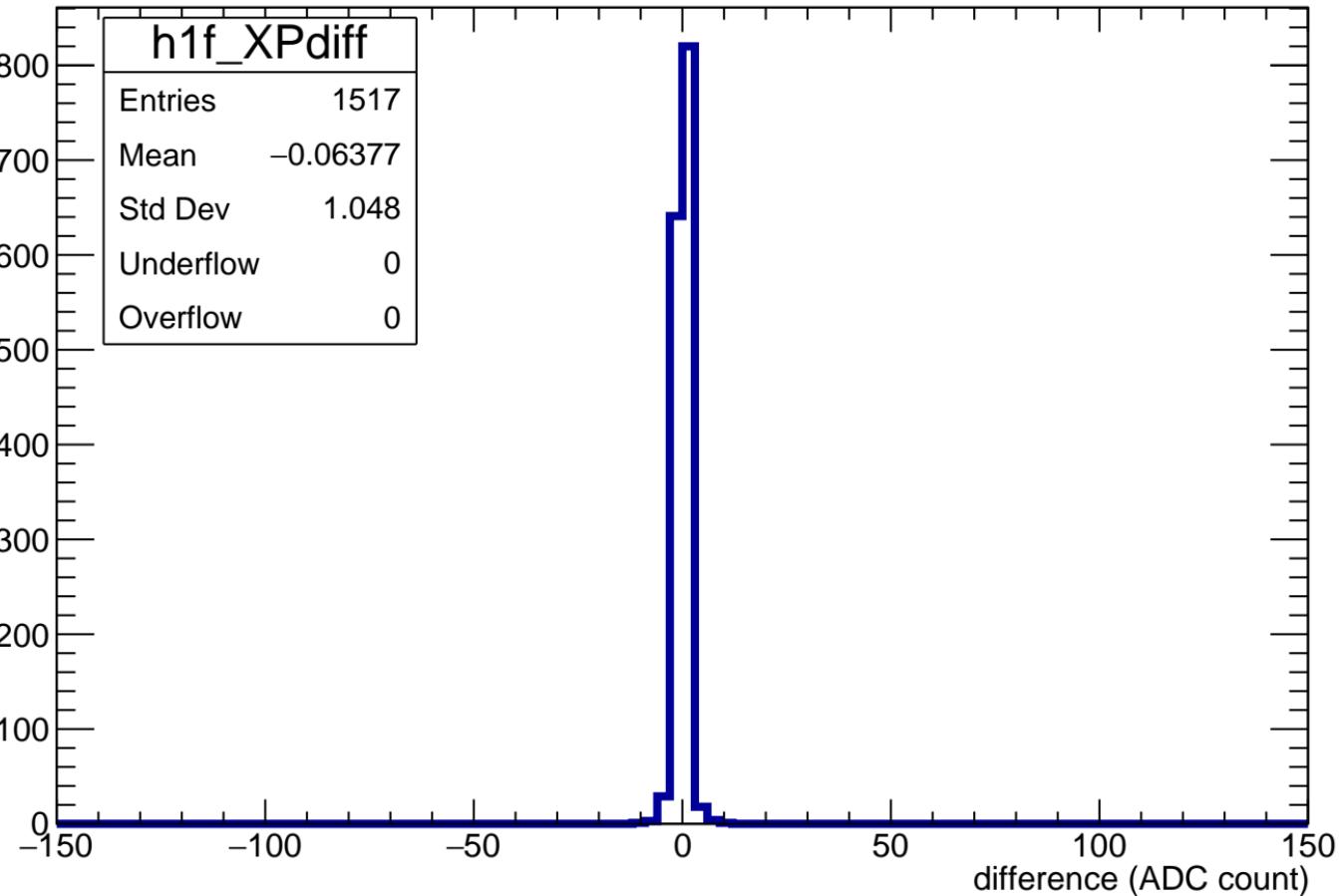
Number of crossed pads

Count



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

Count



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

Count

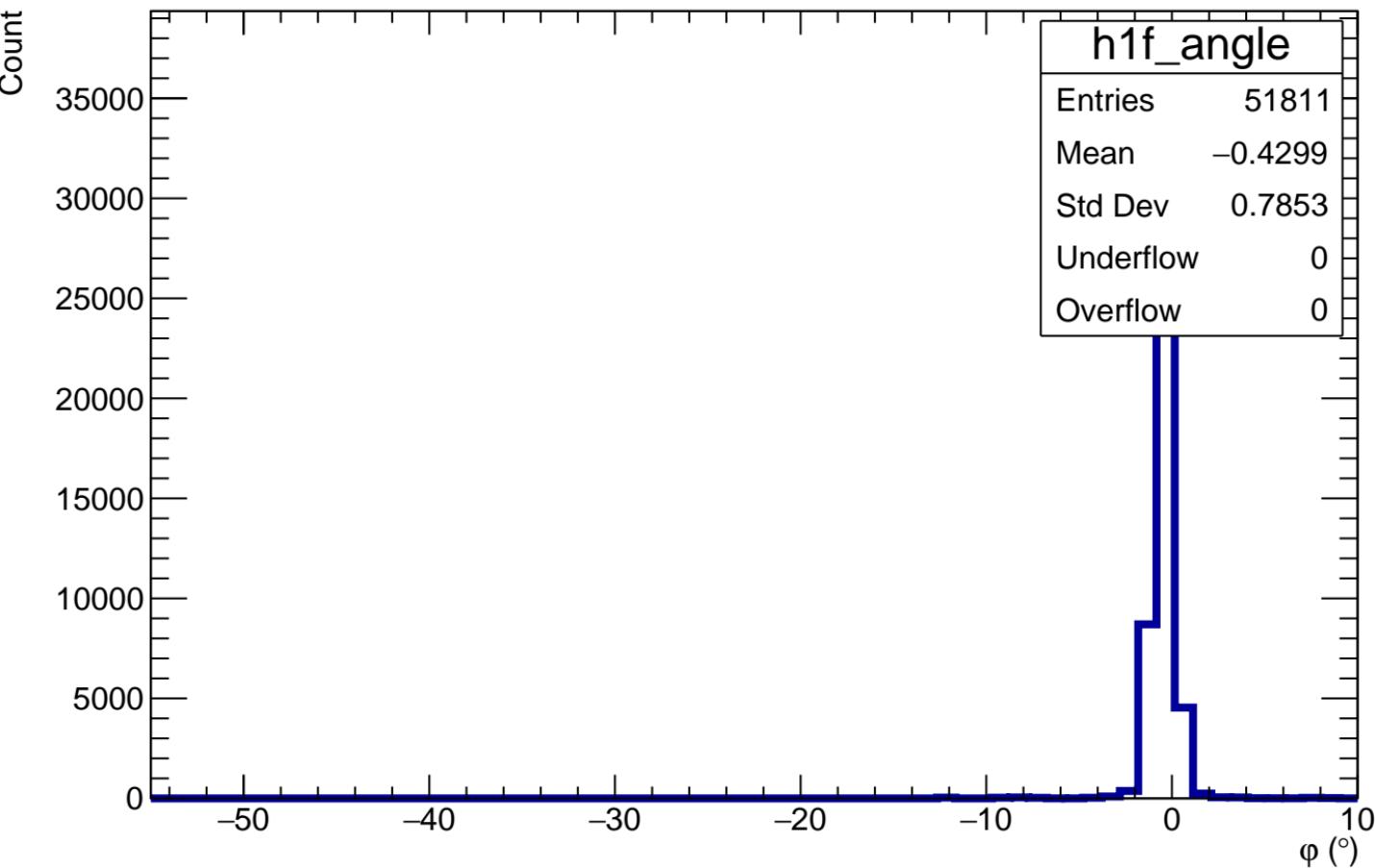
h1f_zdiff	
Entries	51811
Mean	37.32
Std Dev	20.59
Underflow	0
Overflow	0

5000
4000
3000
2000
1000
0

-150 -100 -50 0 50 100 150

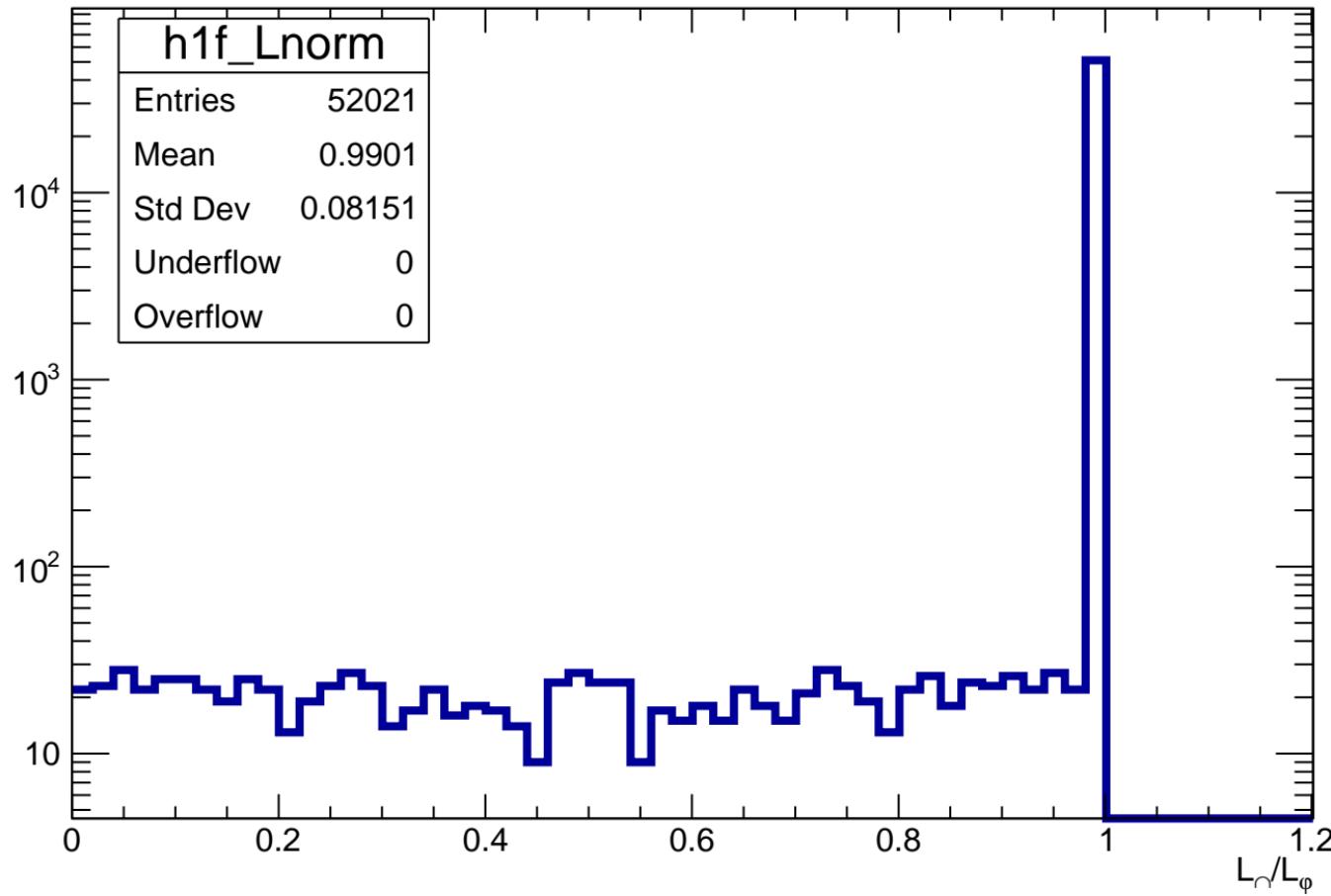
difference (mm)

Angle φ in each pad

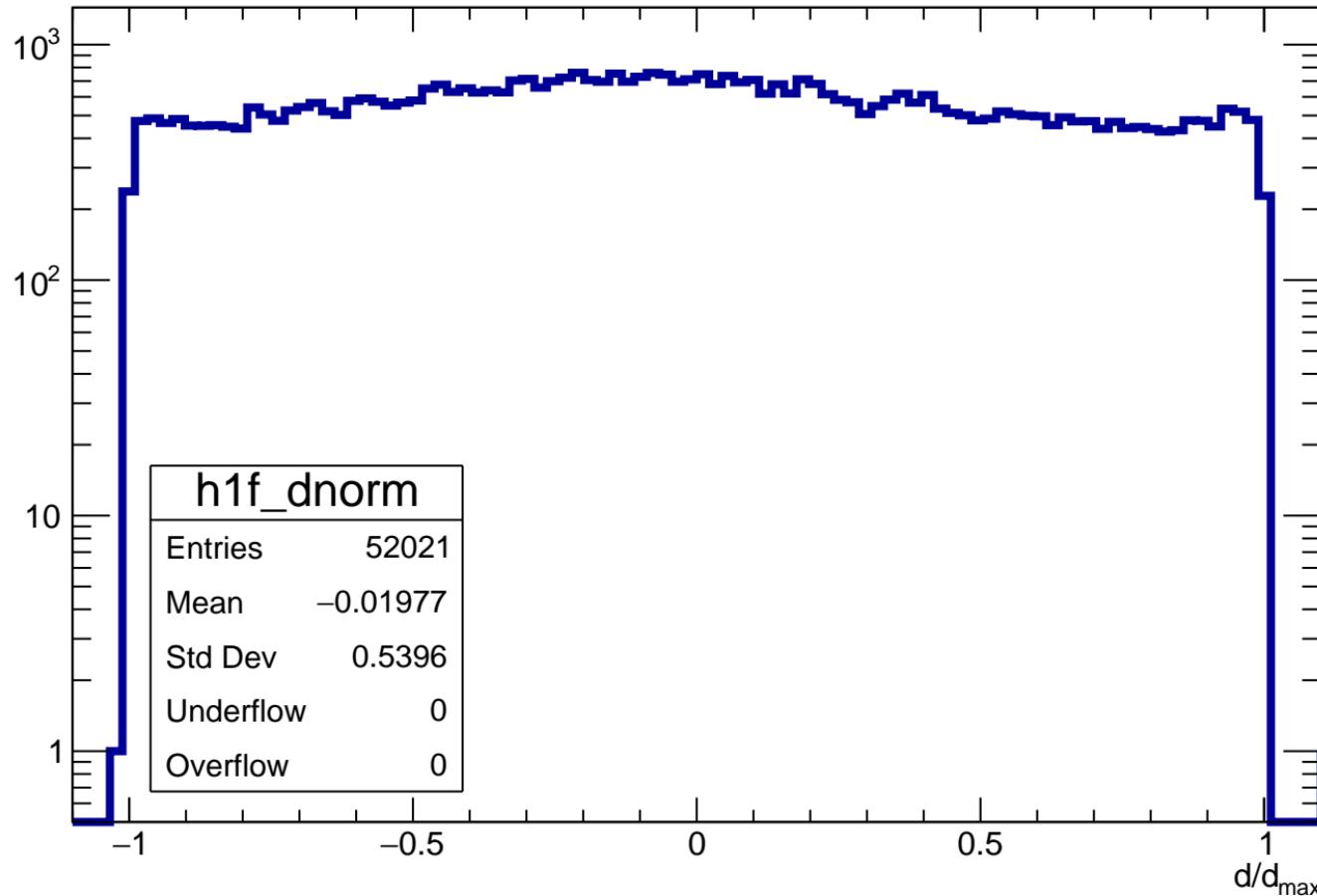


Length in pad normalized to maximum length in pad for a given ϕ

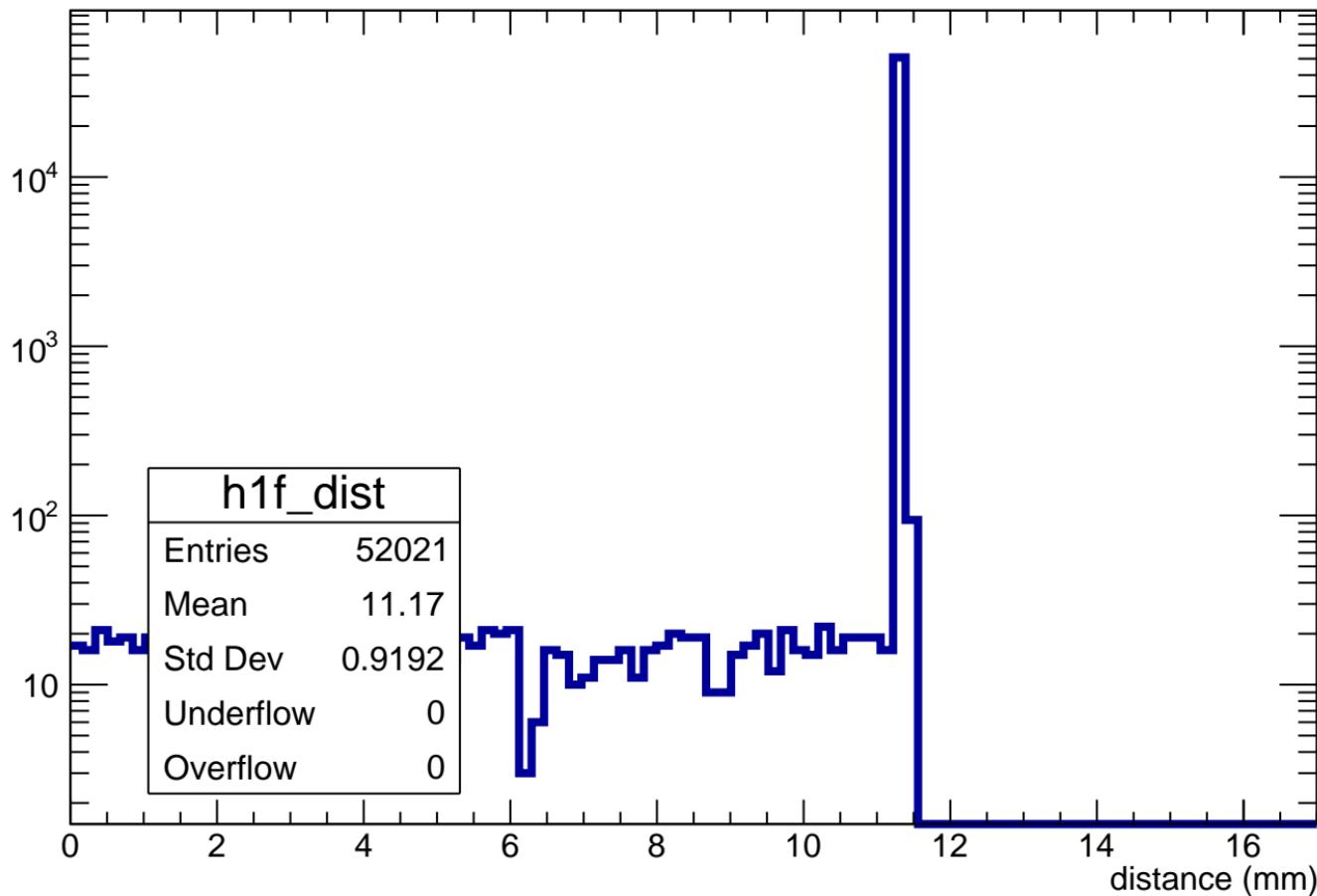
Count



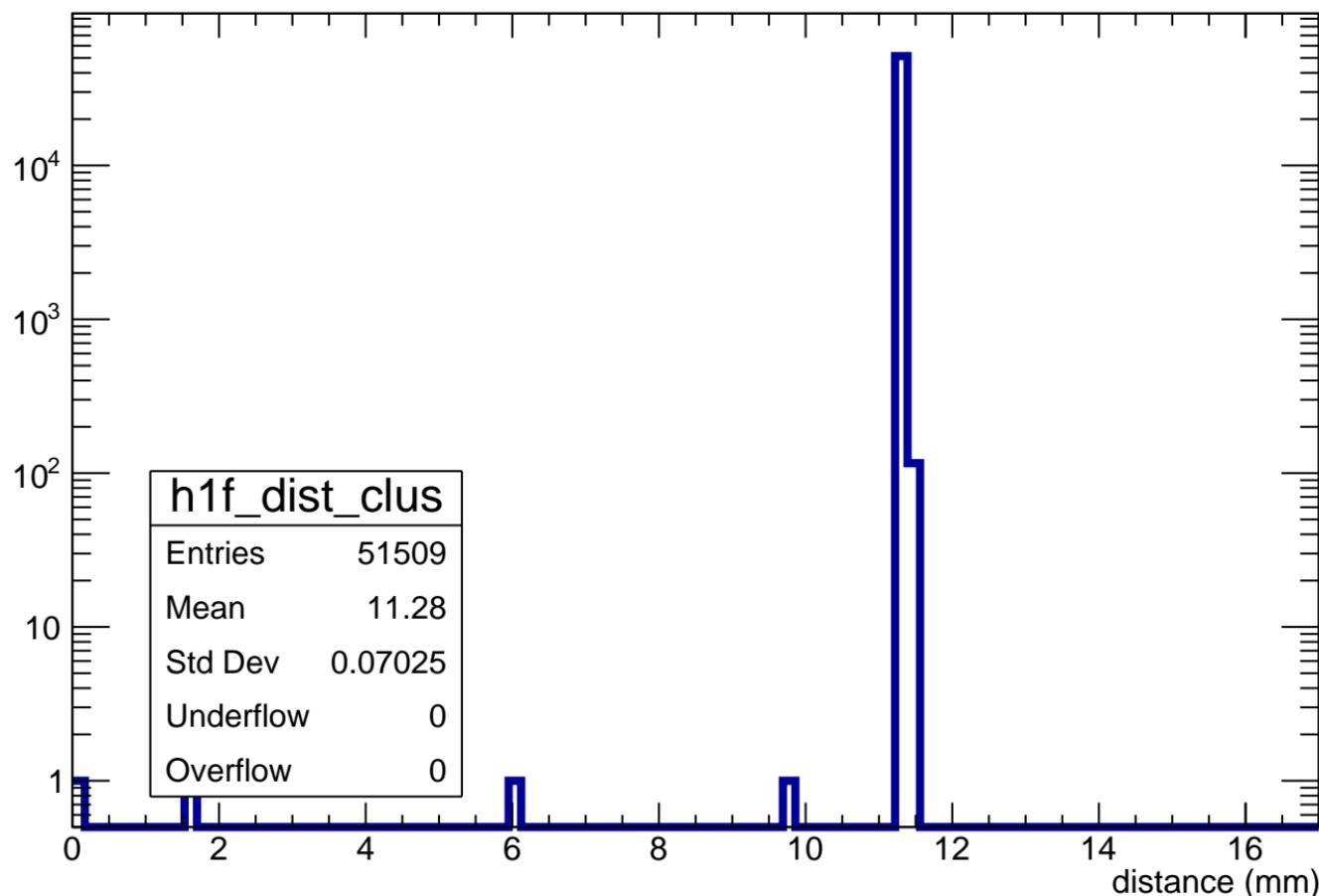
Normalized impact parameter d/d_{\max}



distance of track in pad

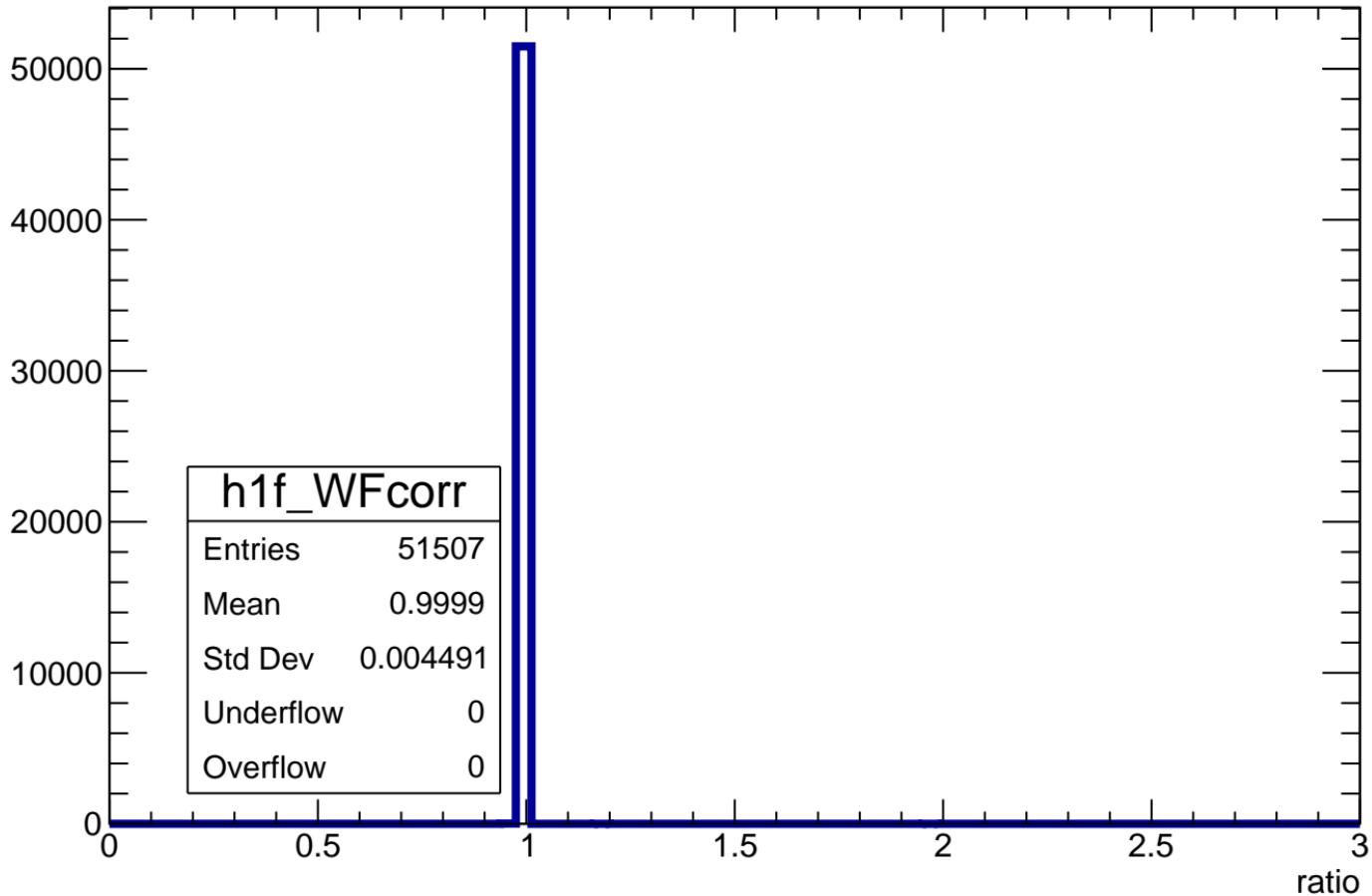


distance of track in cluster



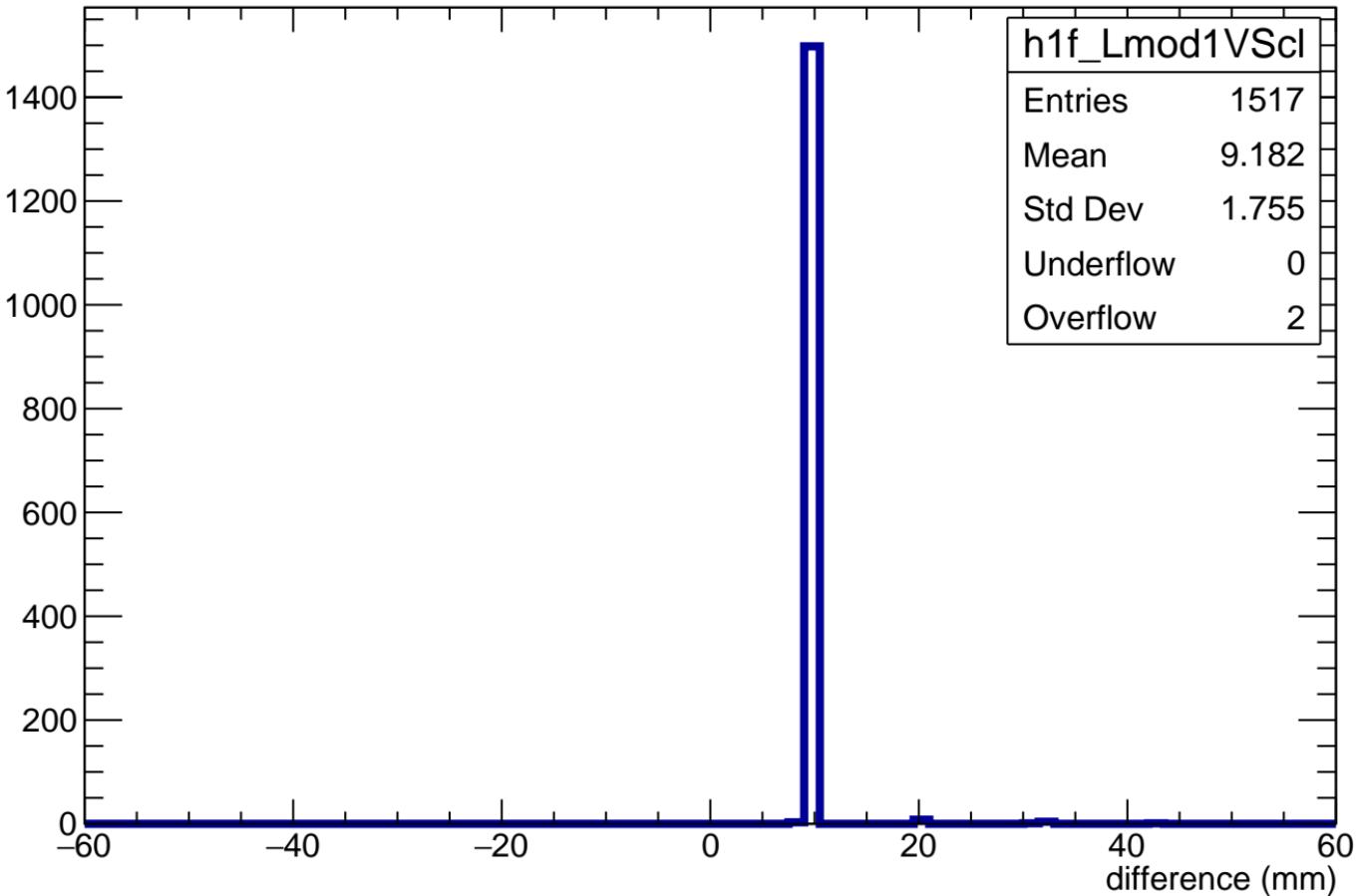
Correction A_{max} ratio

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

800
700
600
500
400
300
200
100
0

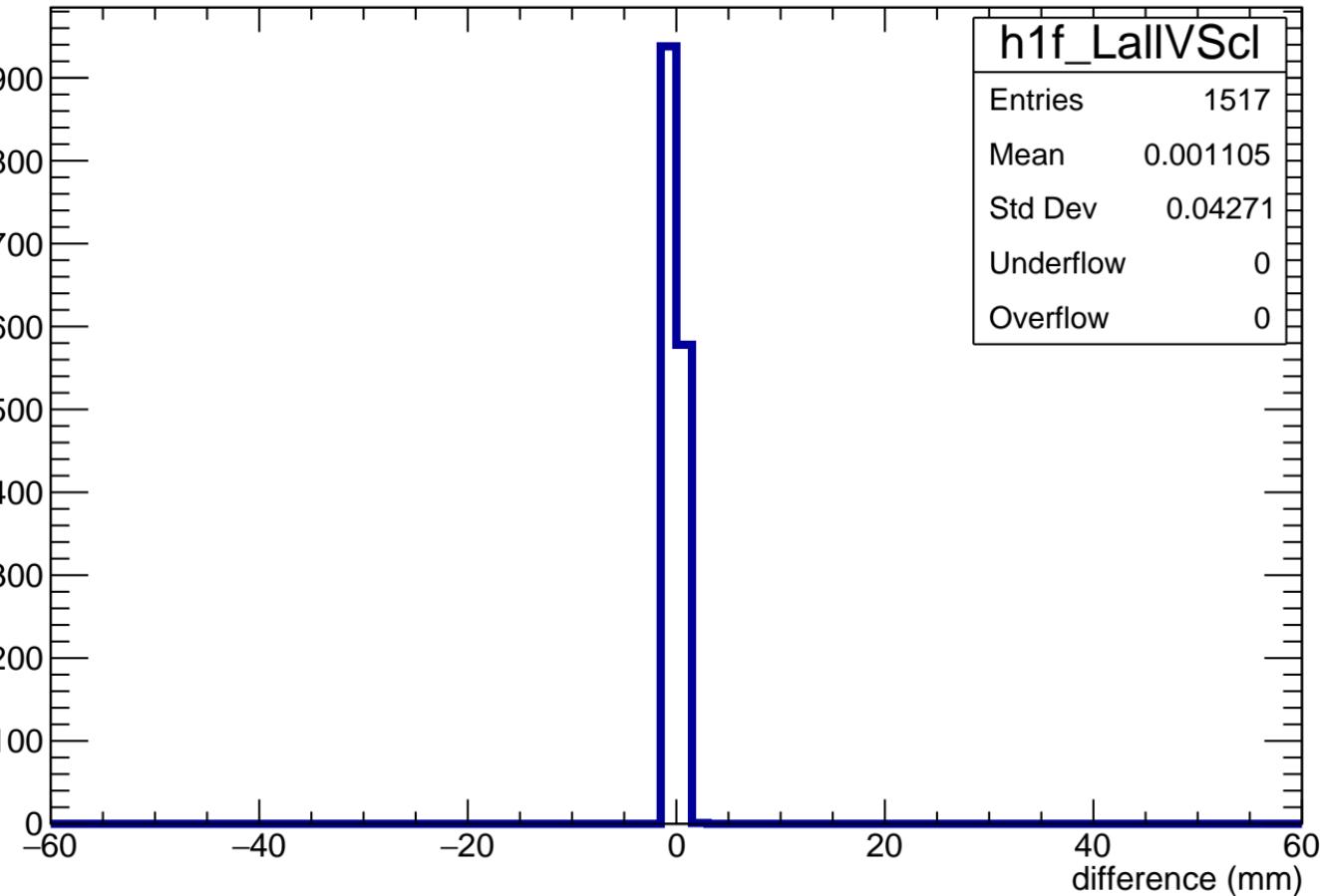
-60 -40 -20 0 20 40 60

difference (mm)

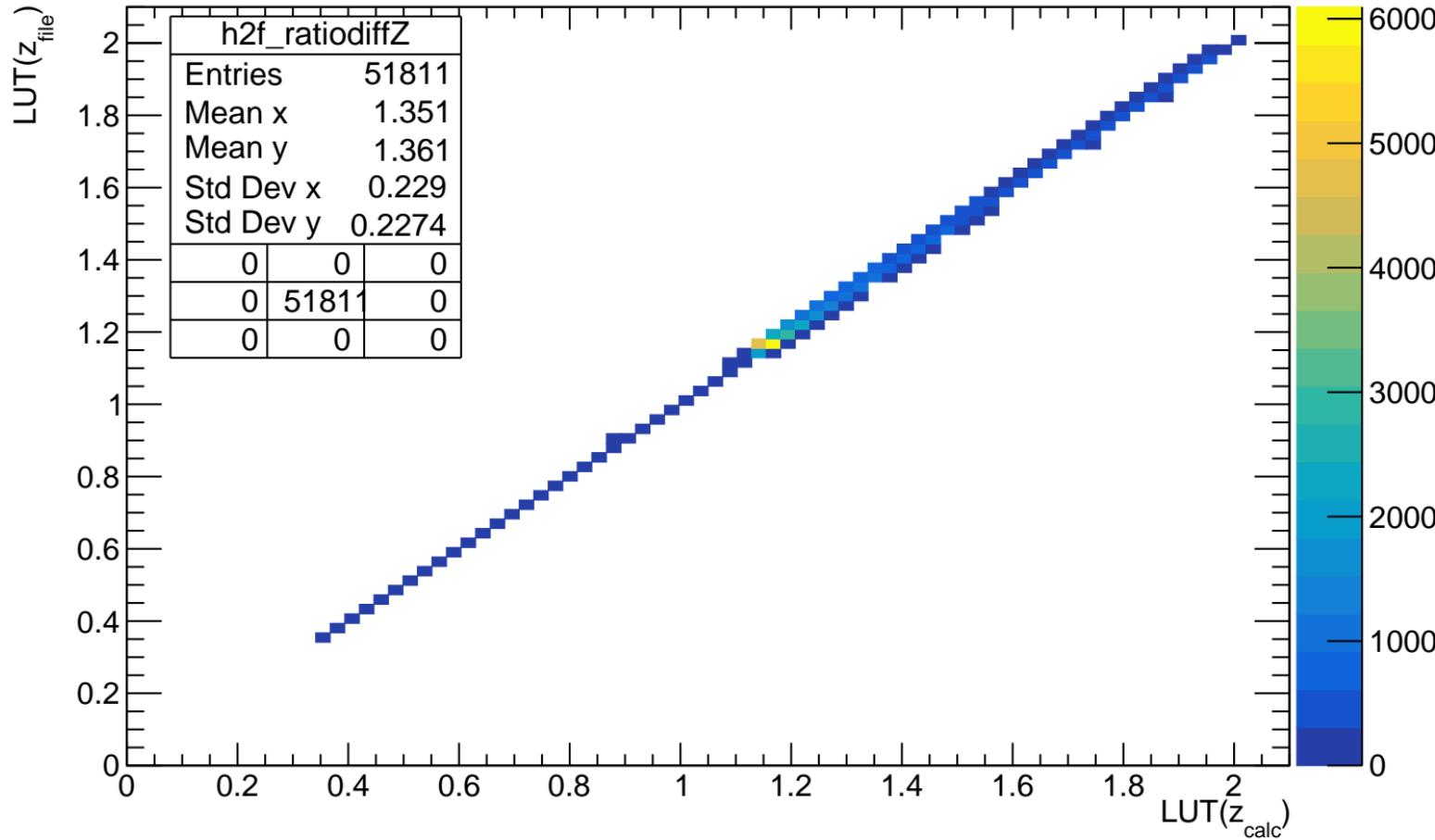
h1f_Lmod2VScl	
Entries	1517
Mean	0.282
Std Dev	2.167
Underflow	0
Overflow	2

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

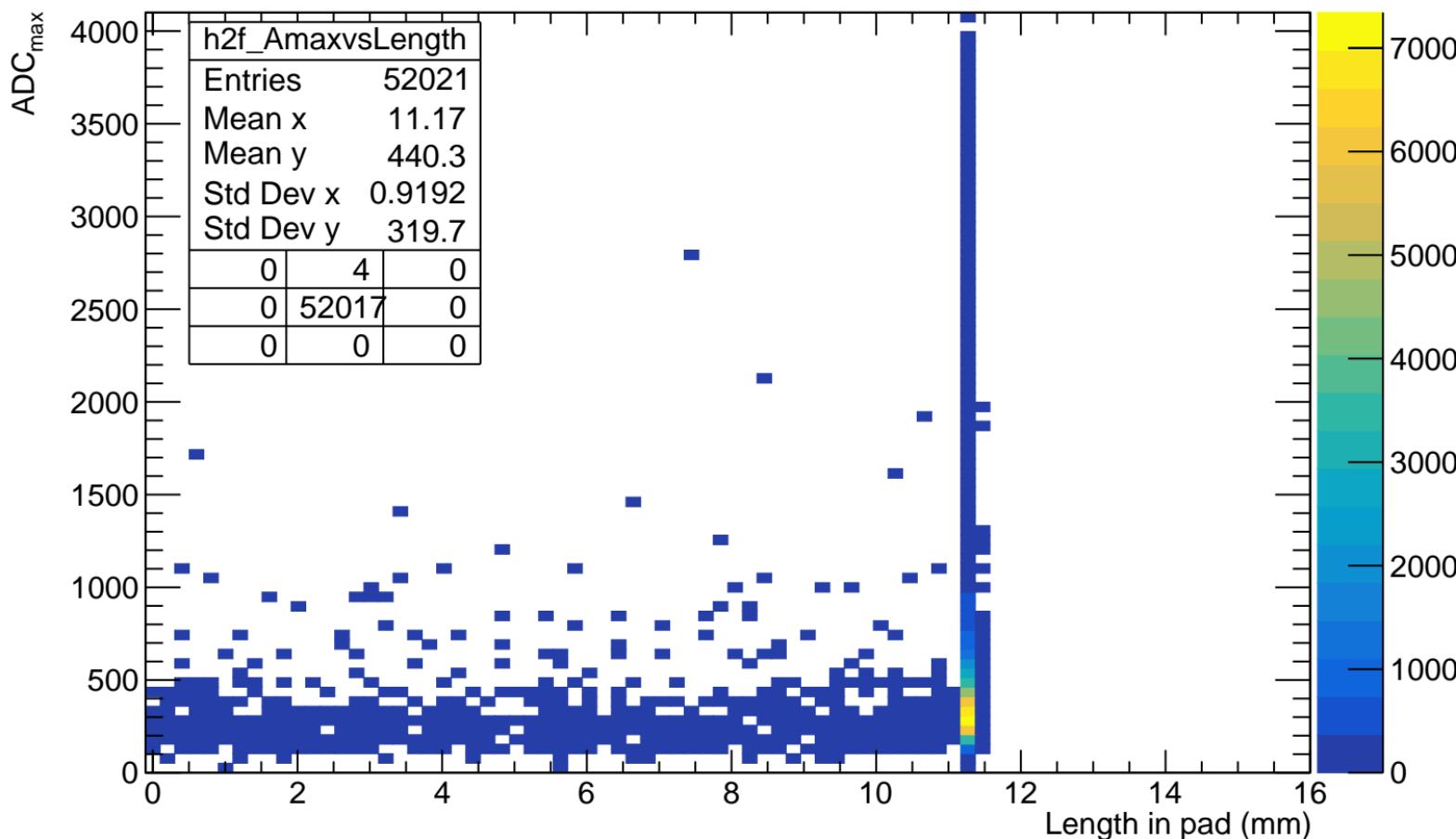
Count



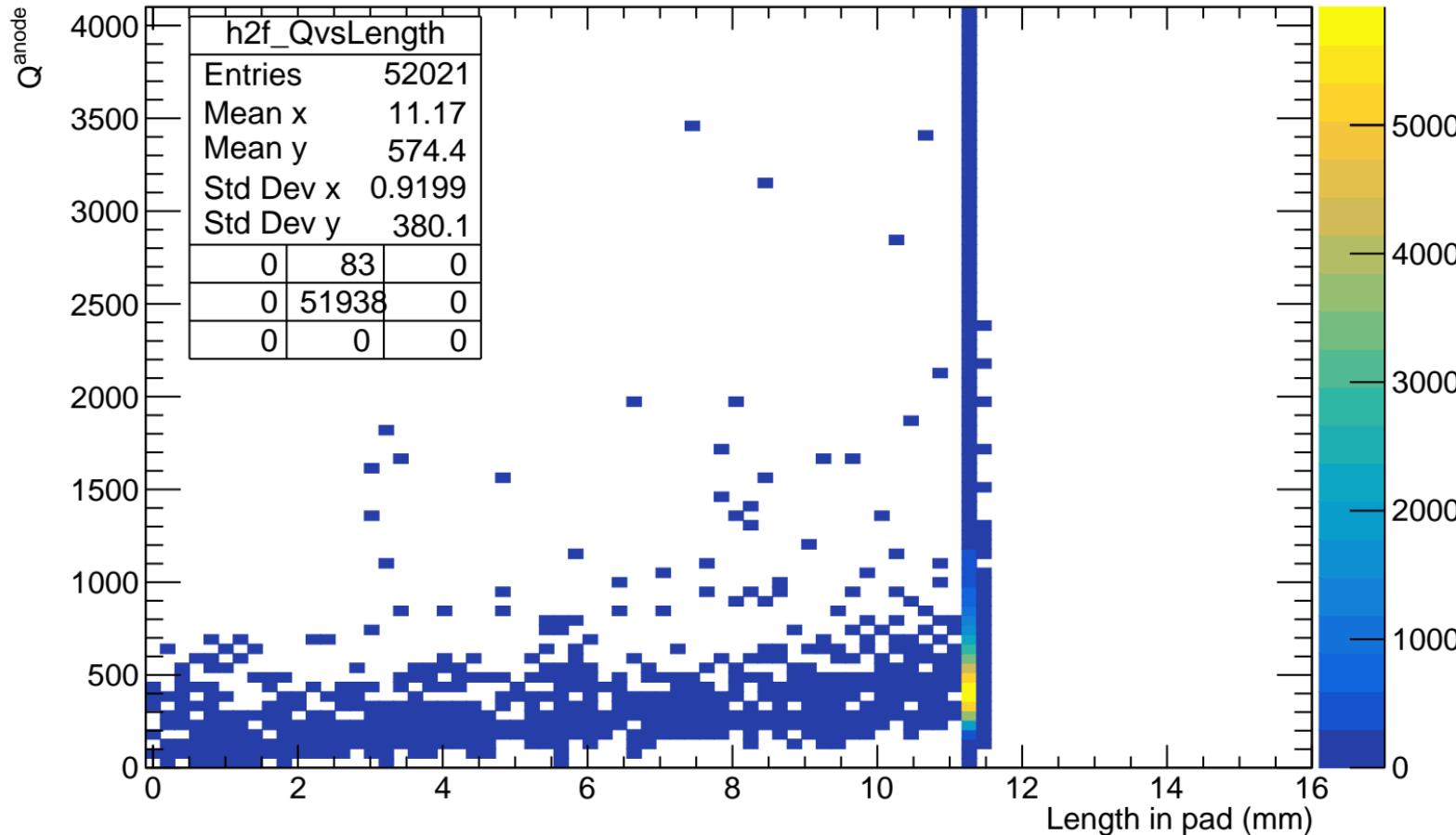
LUT(z_{file}) vs LUT(z_{calc})



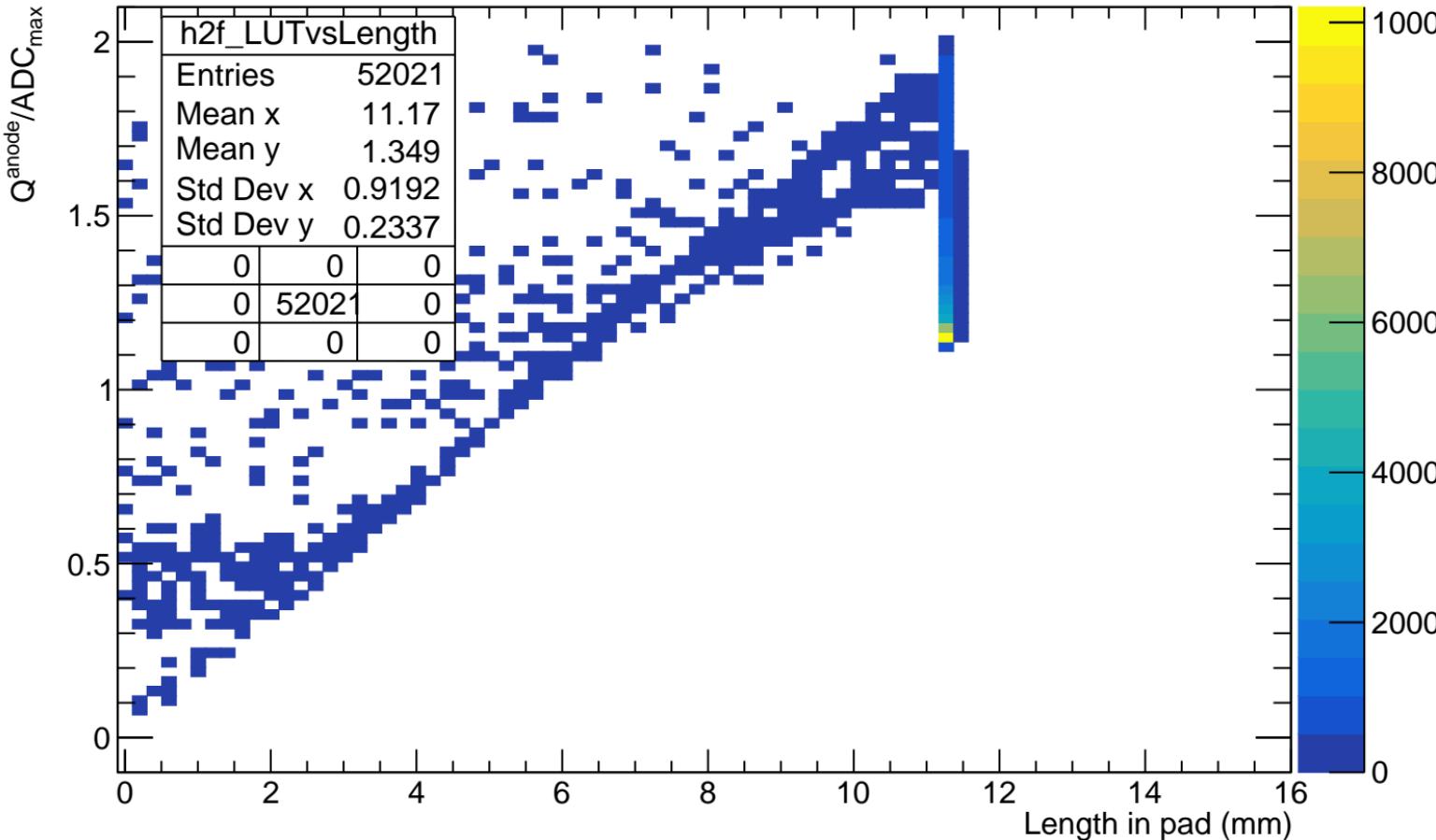
ADC_{max} VS length in pad (before length cut)



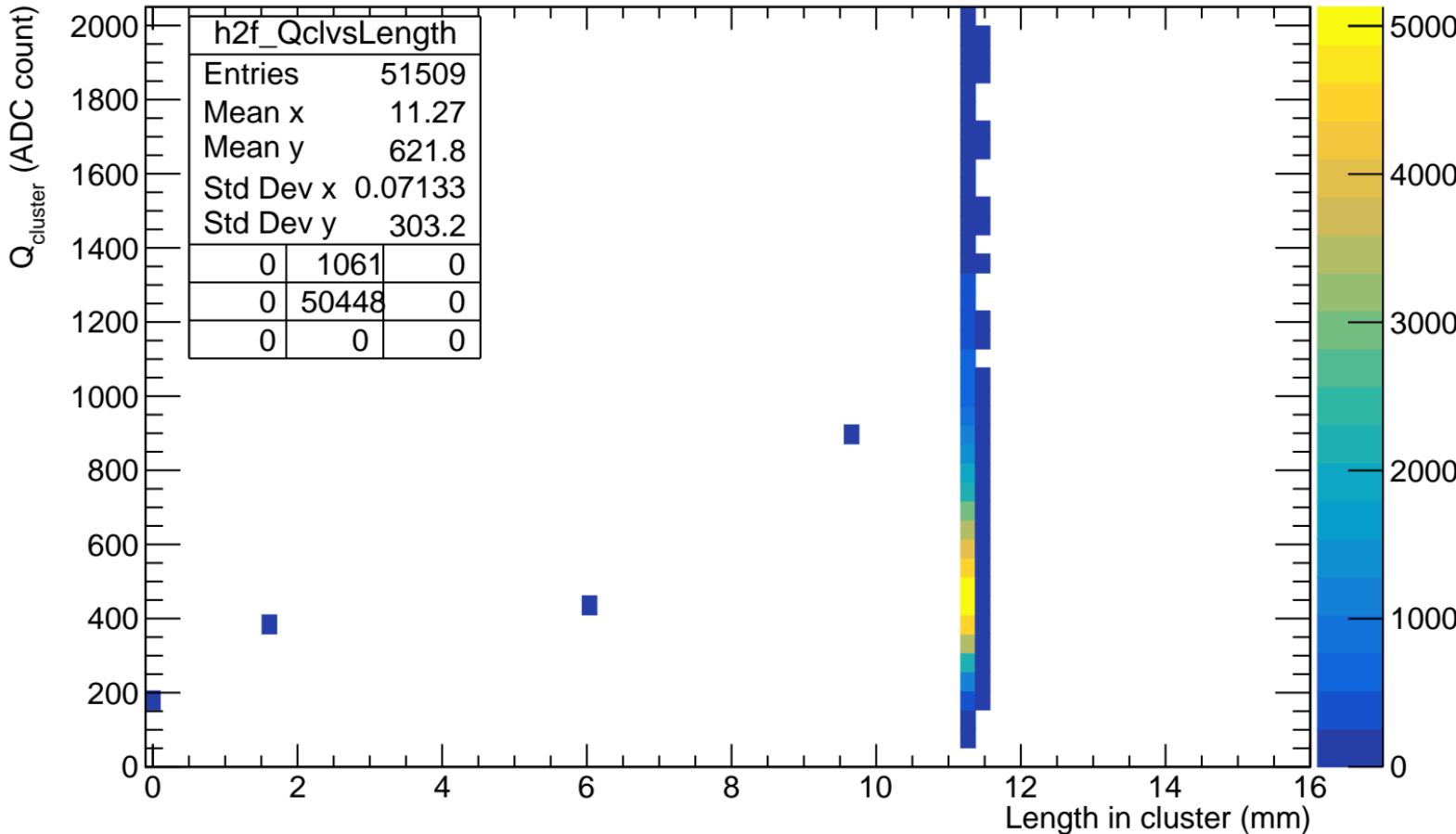
Q^{anode} VS length in pad (before length cut)



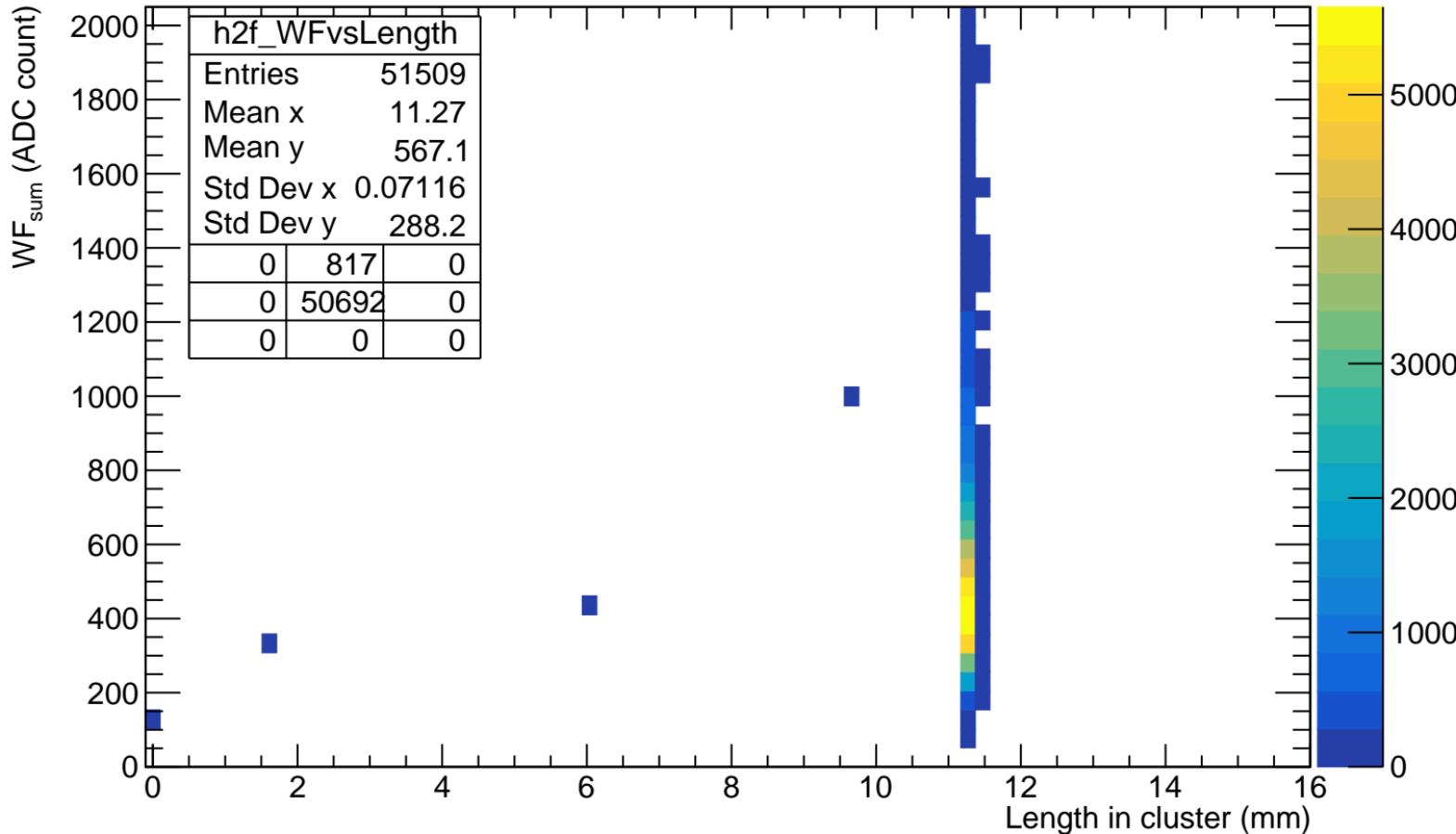
$Q^{\text{anode}}/\text{ADC}_{\max}$ VS length in pad (before length cut)



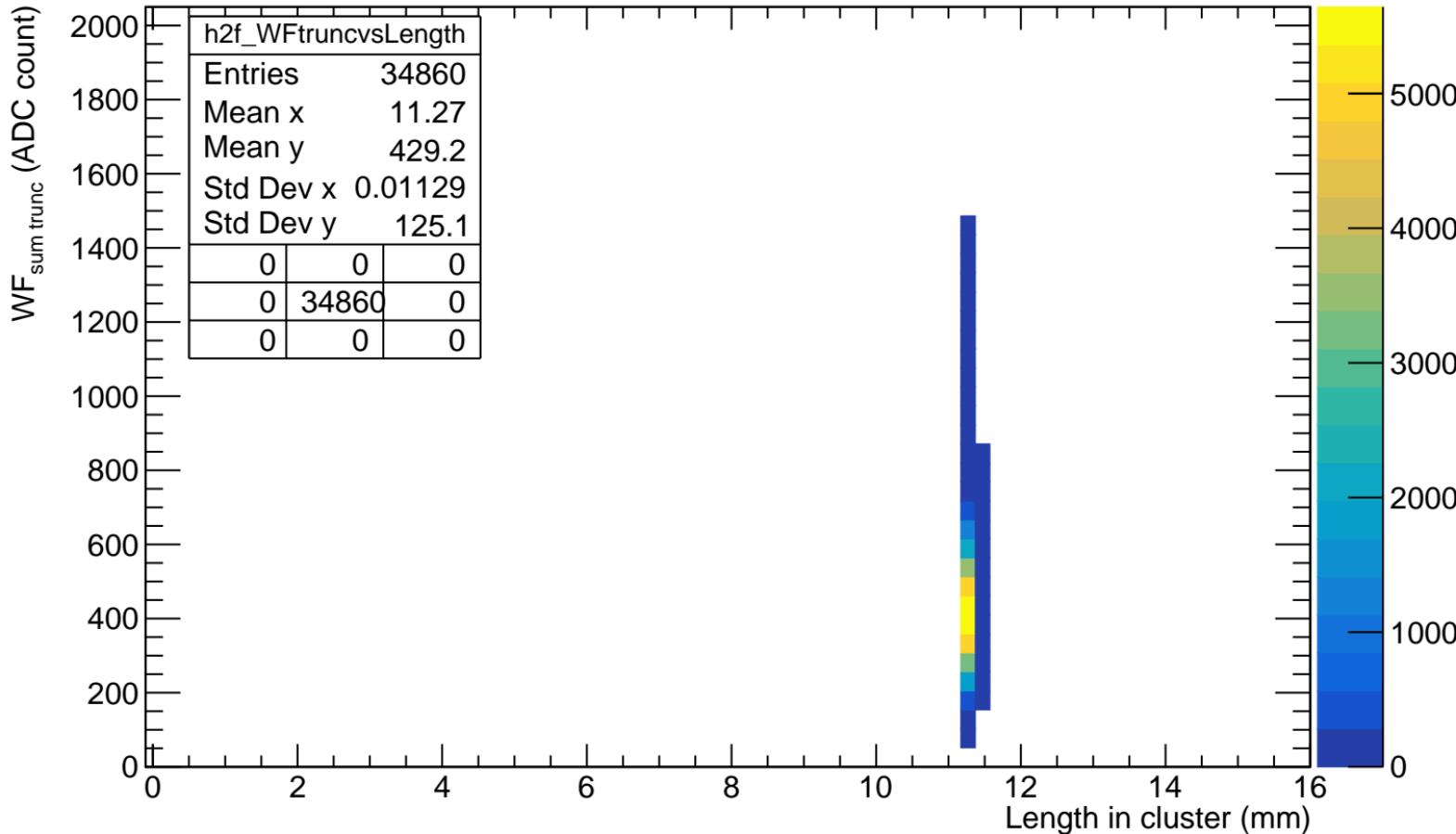
Q_{cluster} VS length in cluster



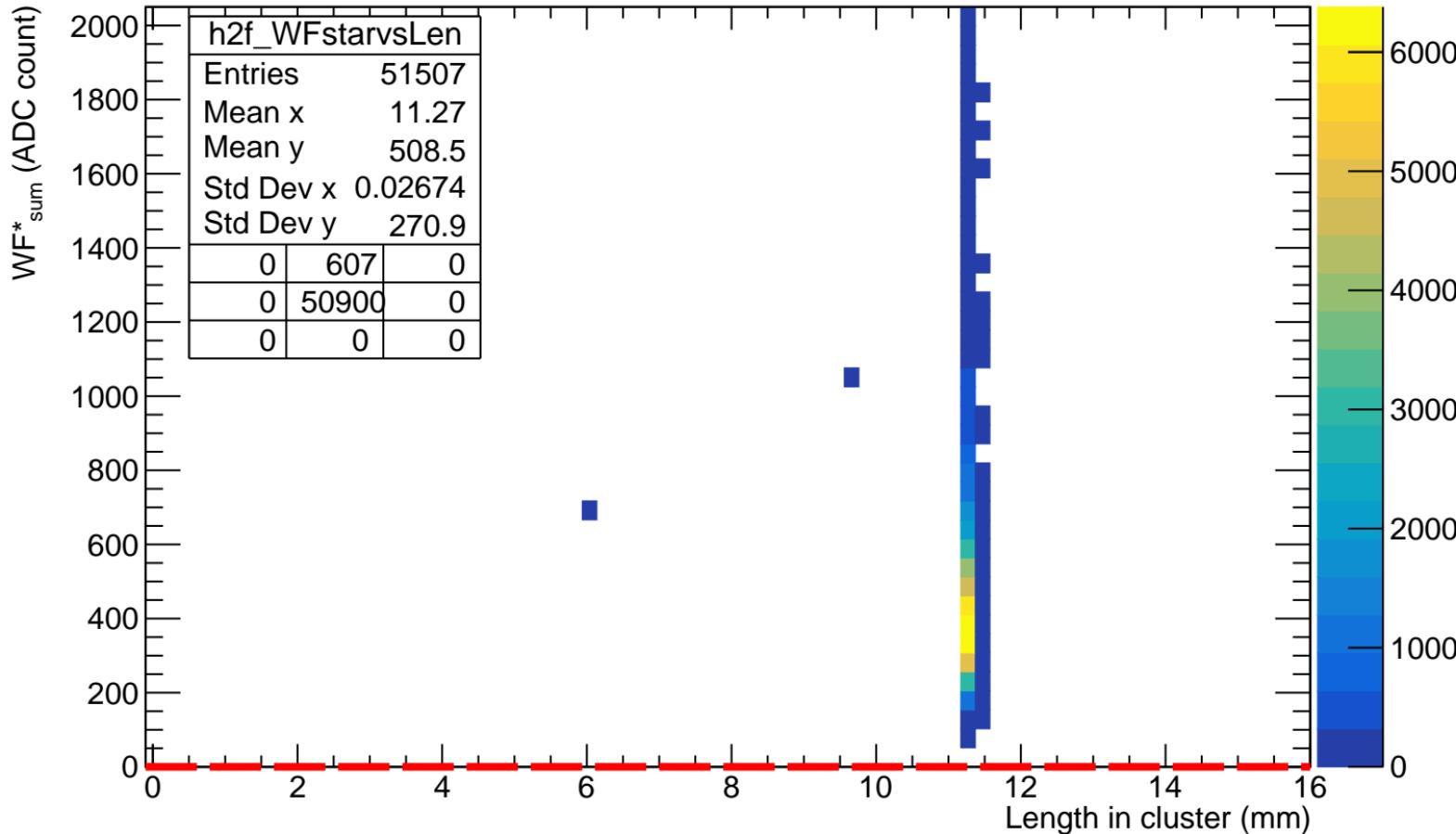
WF_{sum} VS length in cluster



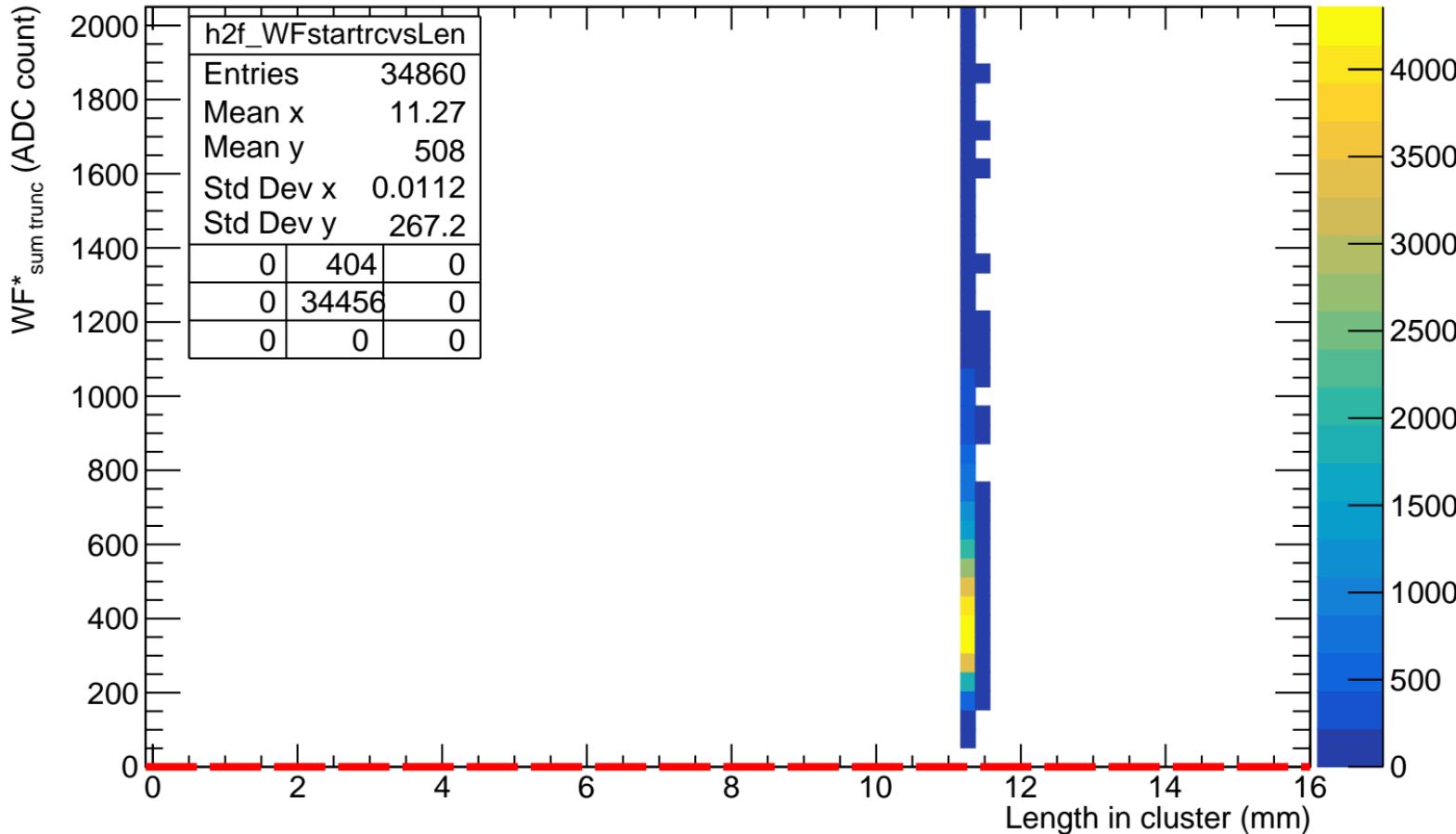
WF_{sum} truncated VS length in cluster

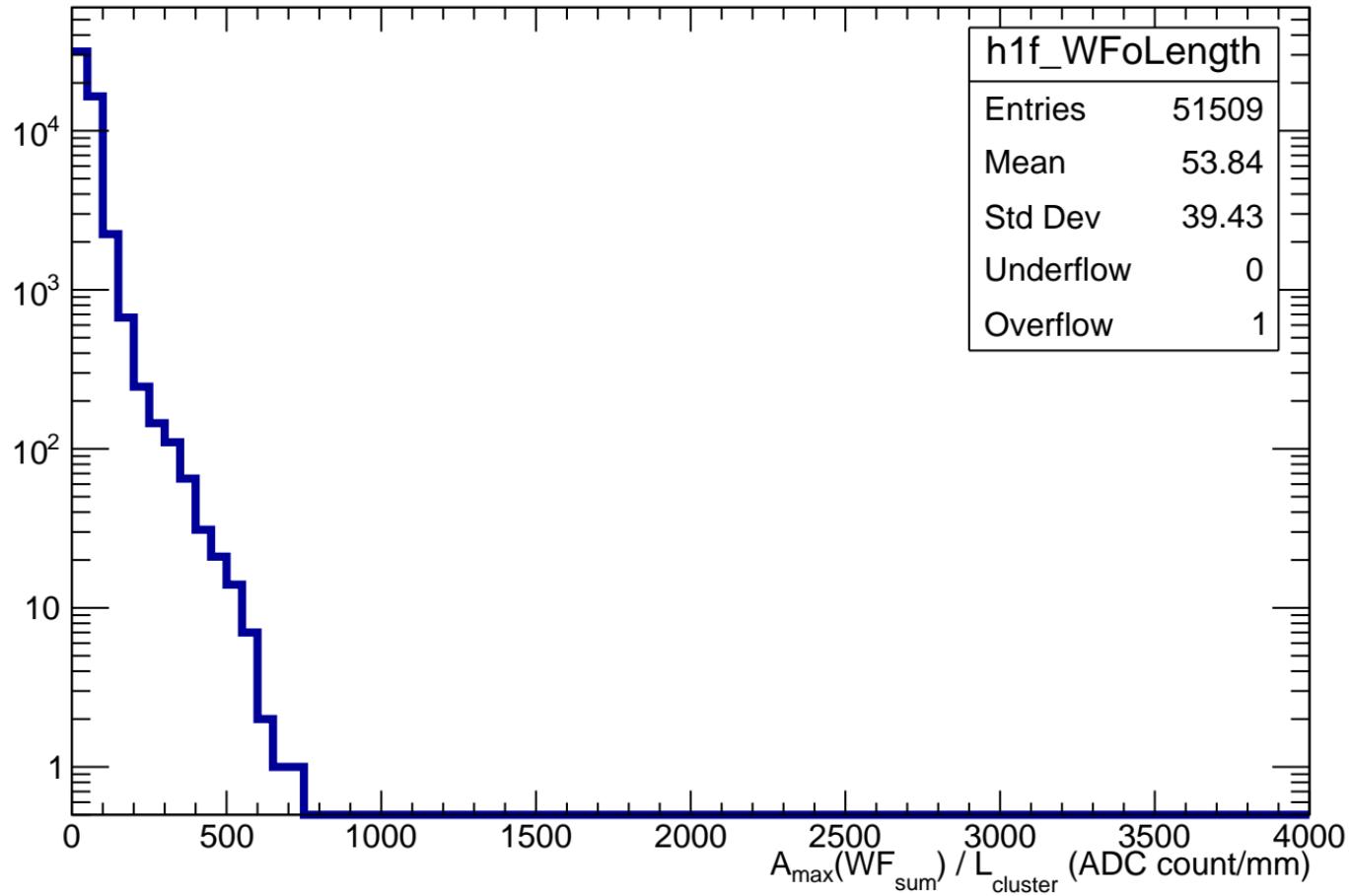


WF*_{sum} VS length in cluster



WF*_{sum truncated} VS length in cluster



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

impact parameter d vs length in pad

