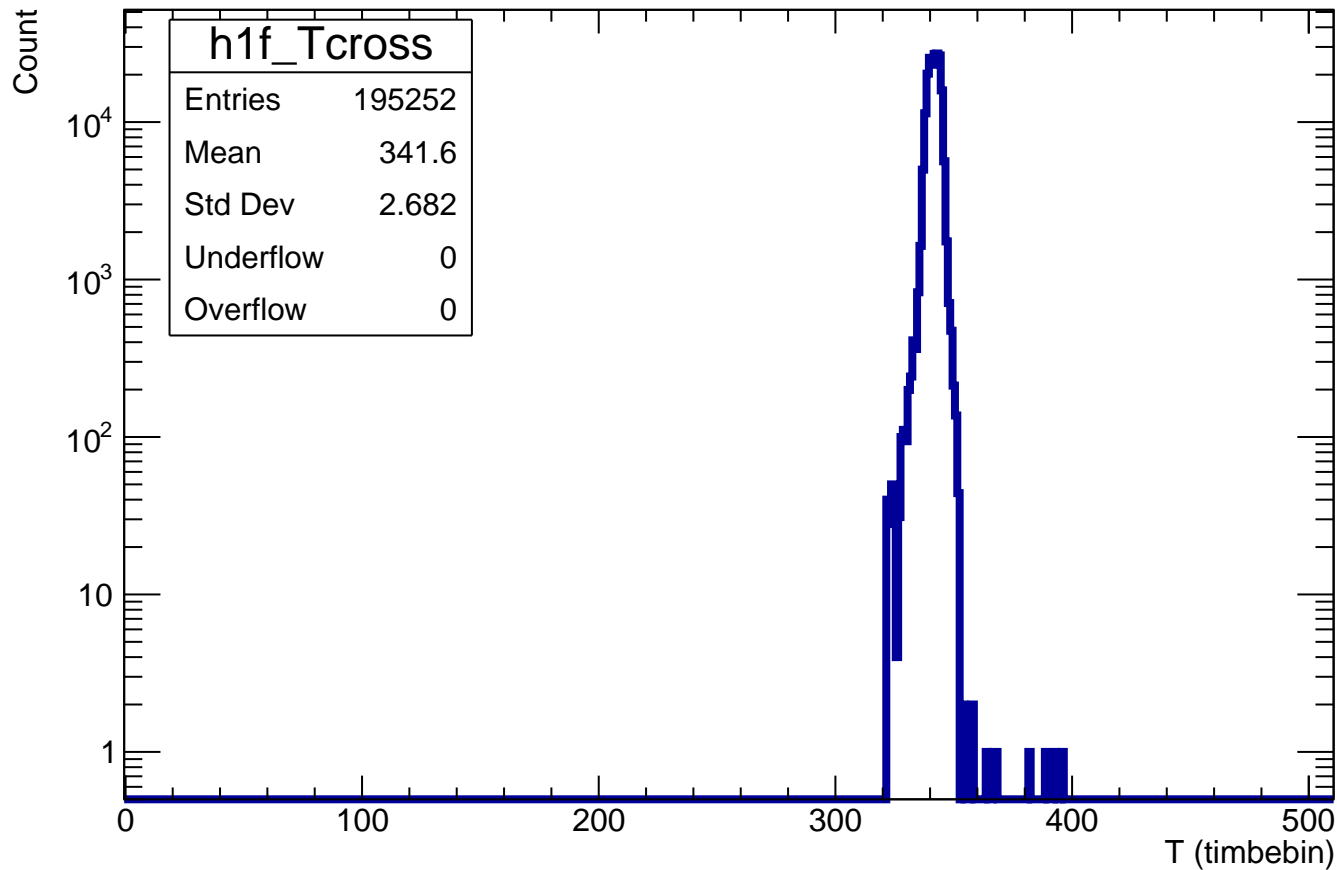
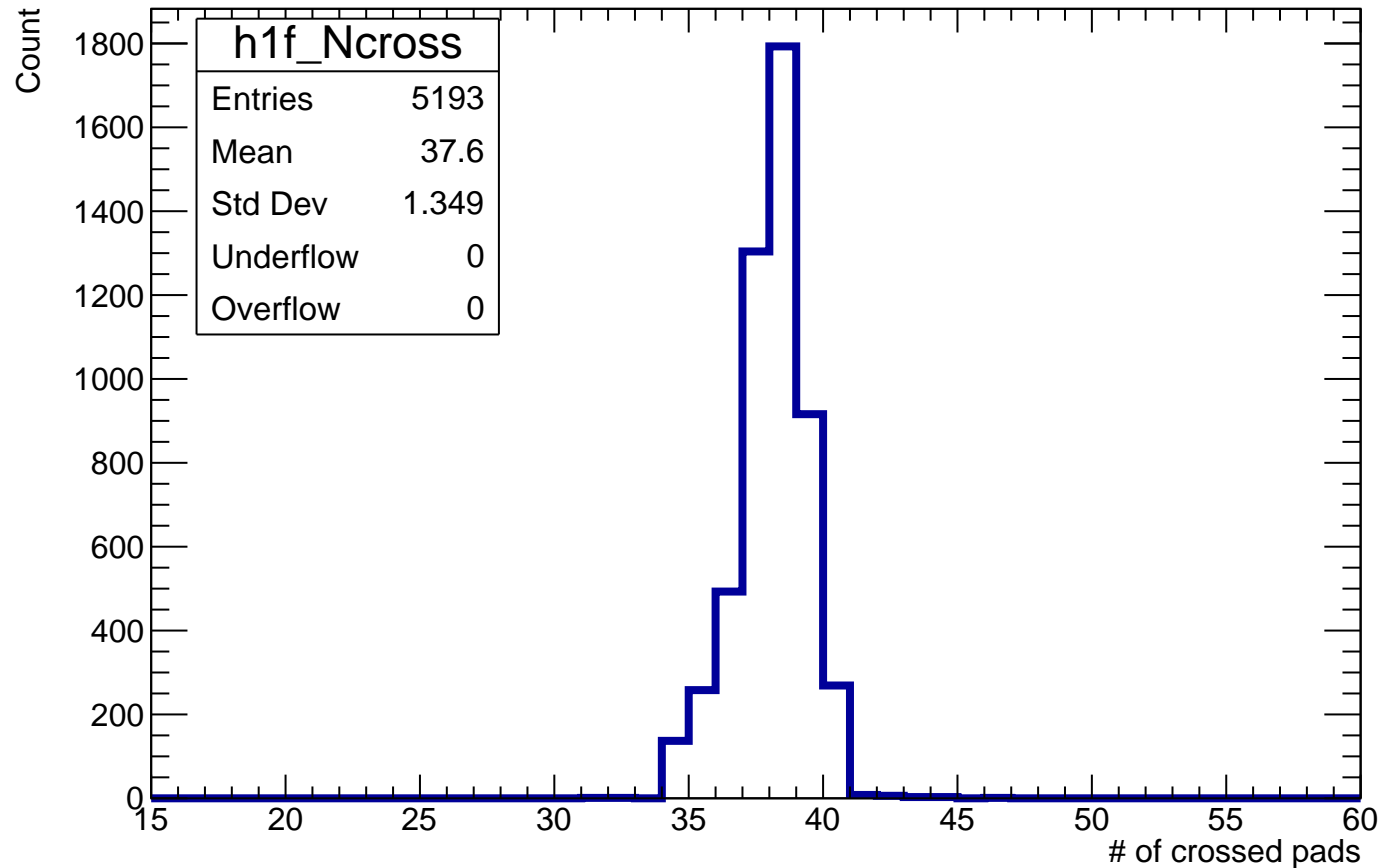


T_{\max} of crossed pads

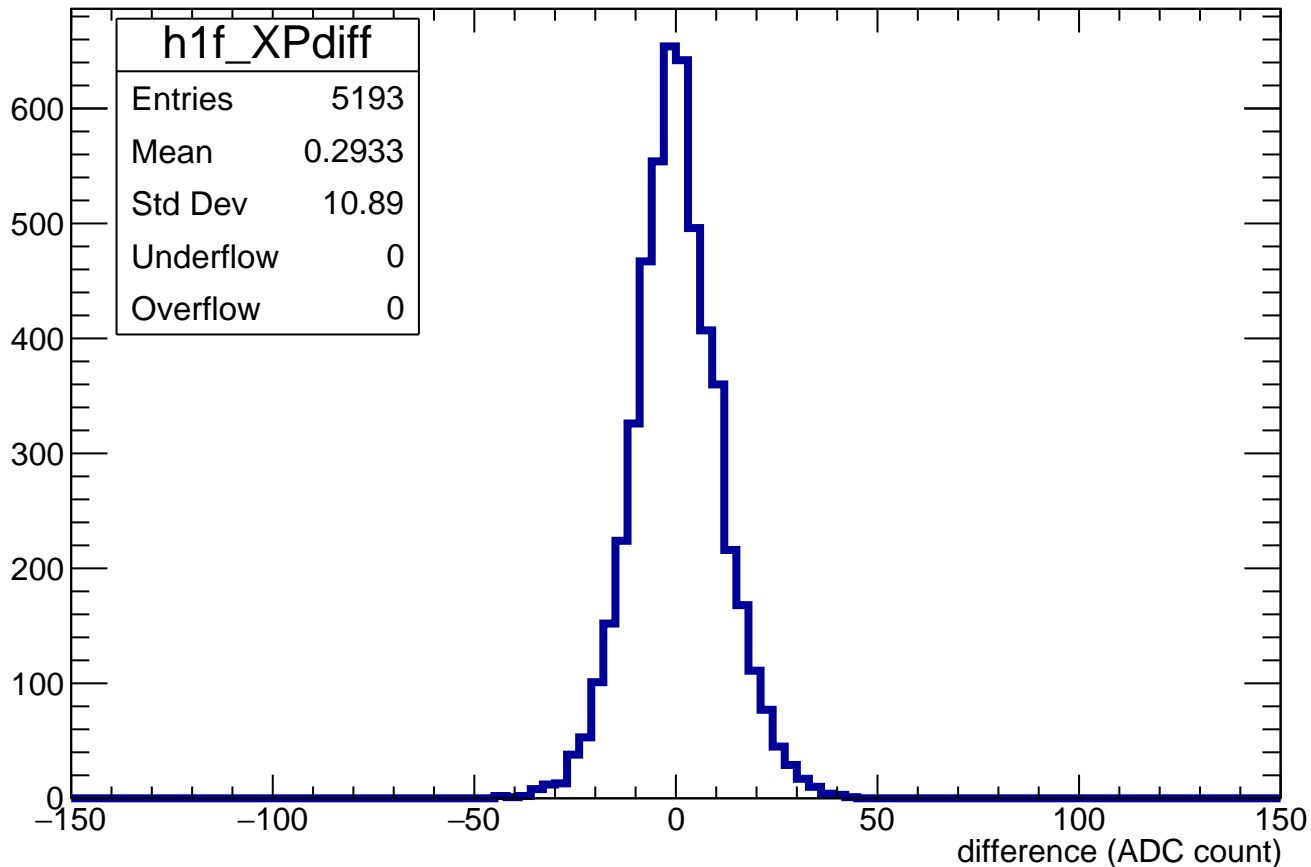


Number of crossed pads



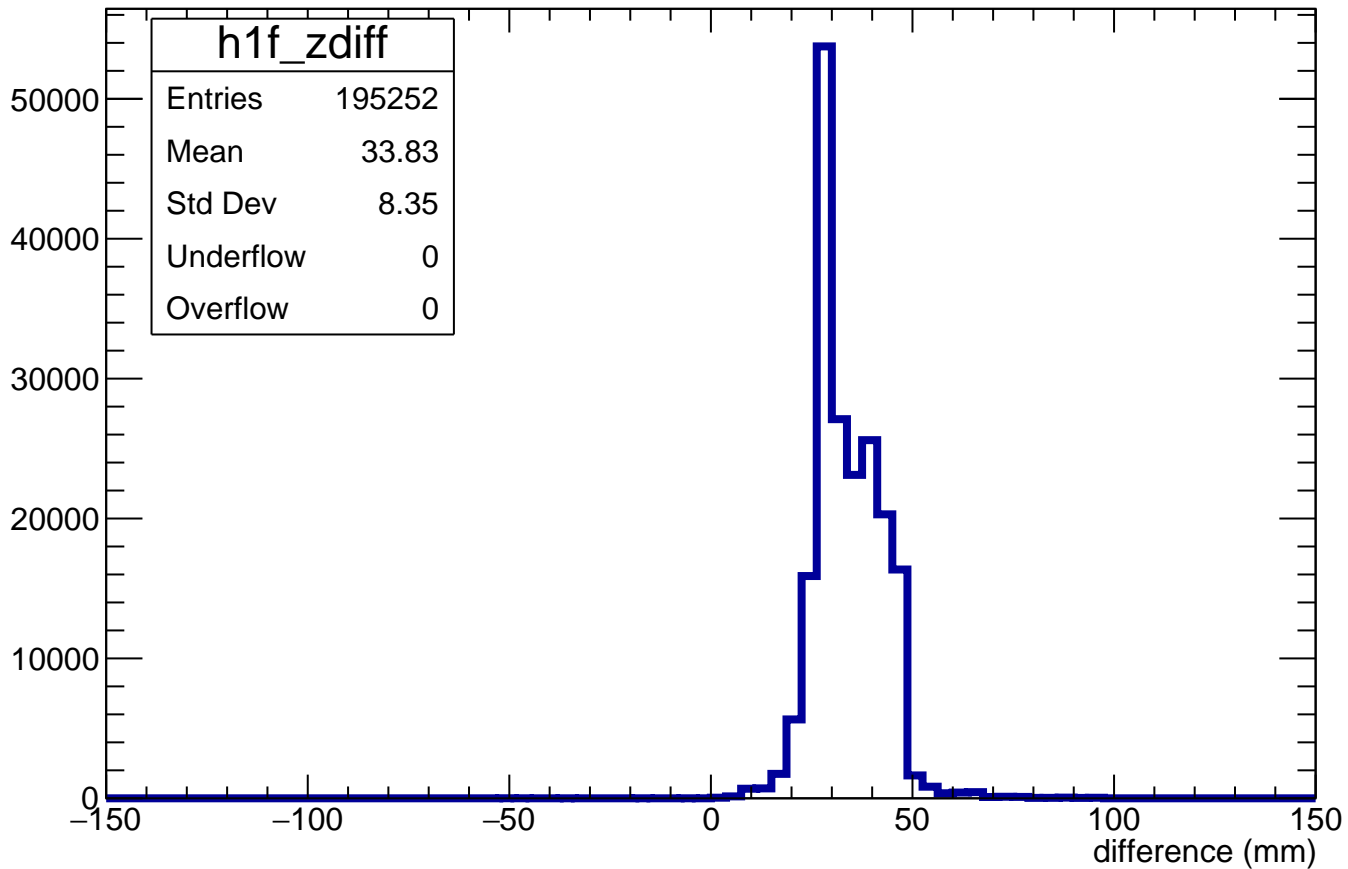
$$\Sigma(Q)/\Sigma(\text{length}) - \text{mean}\{Q/\text{length}_i\}$$

Count

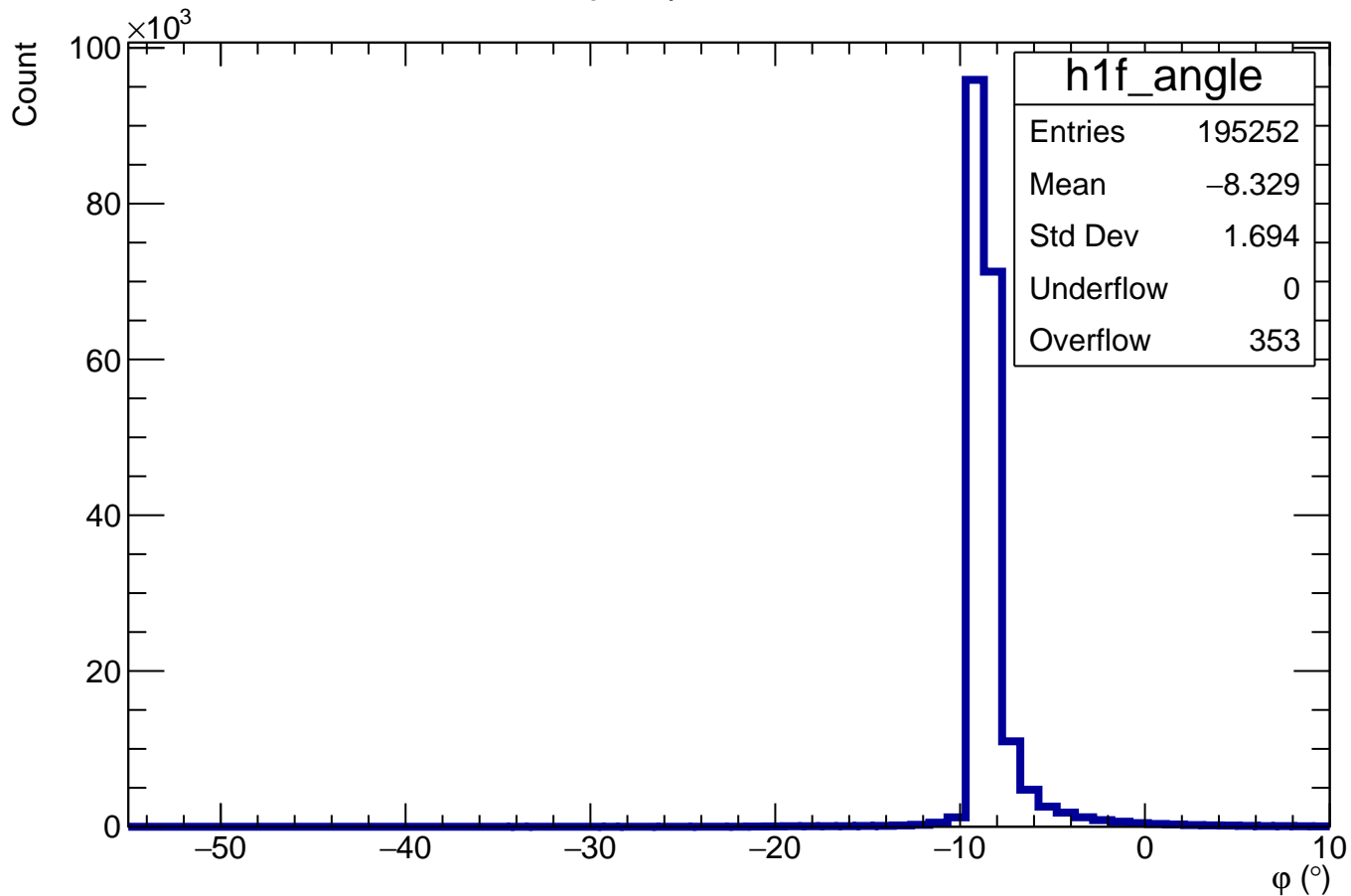


$$Z_{\text{file}} = 950\text{mm} - Z_{\text{computed}}$$

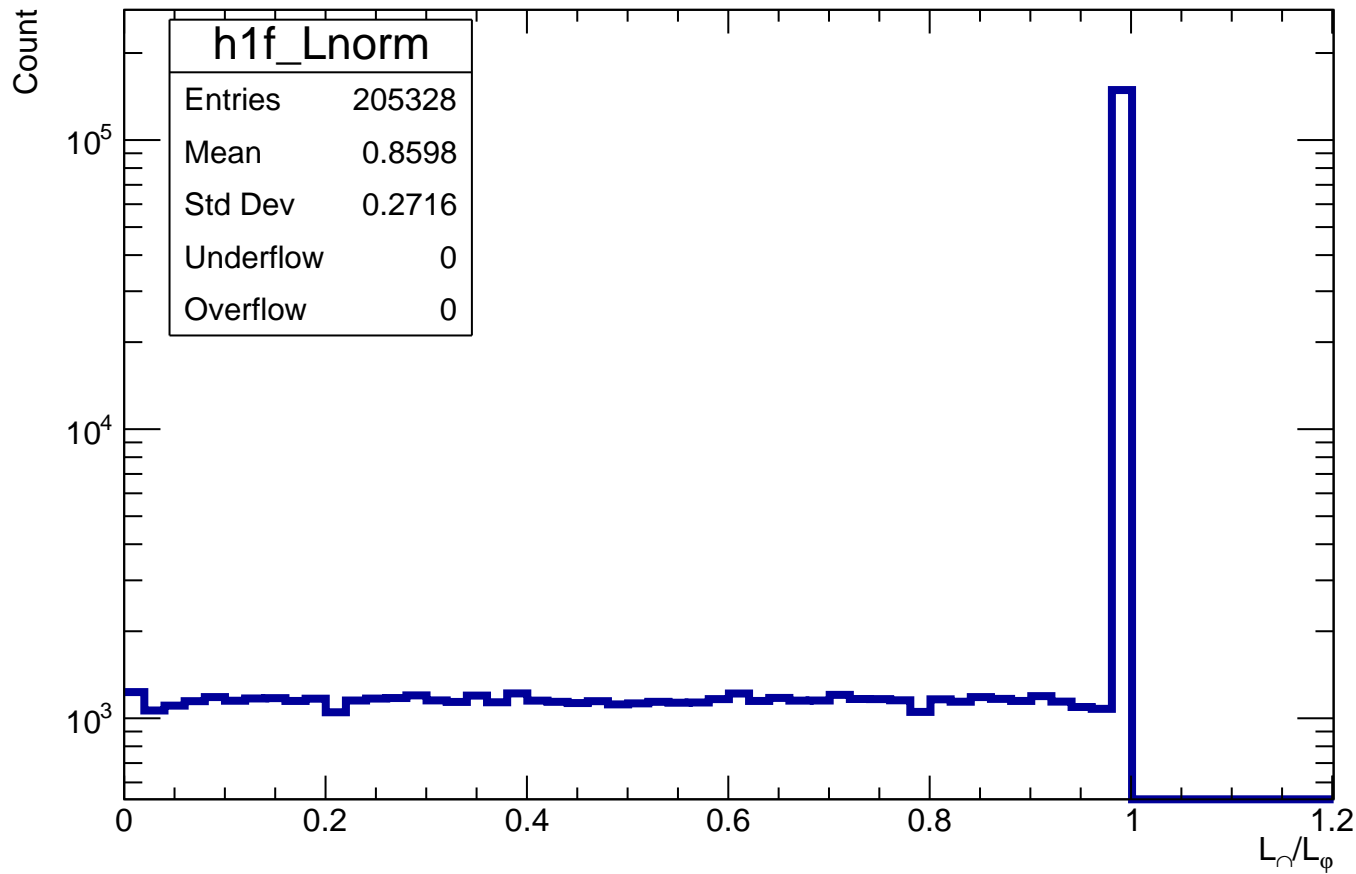
Count



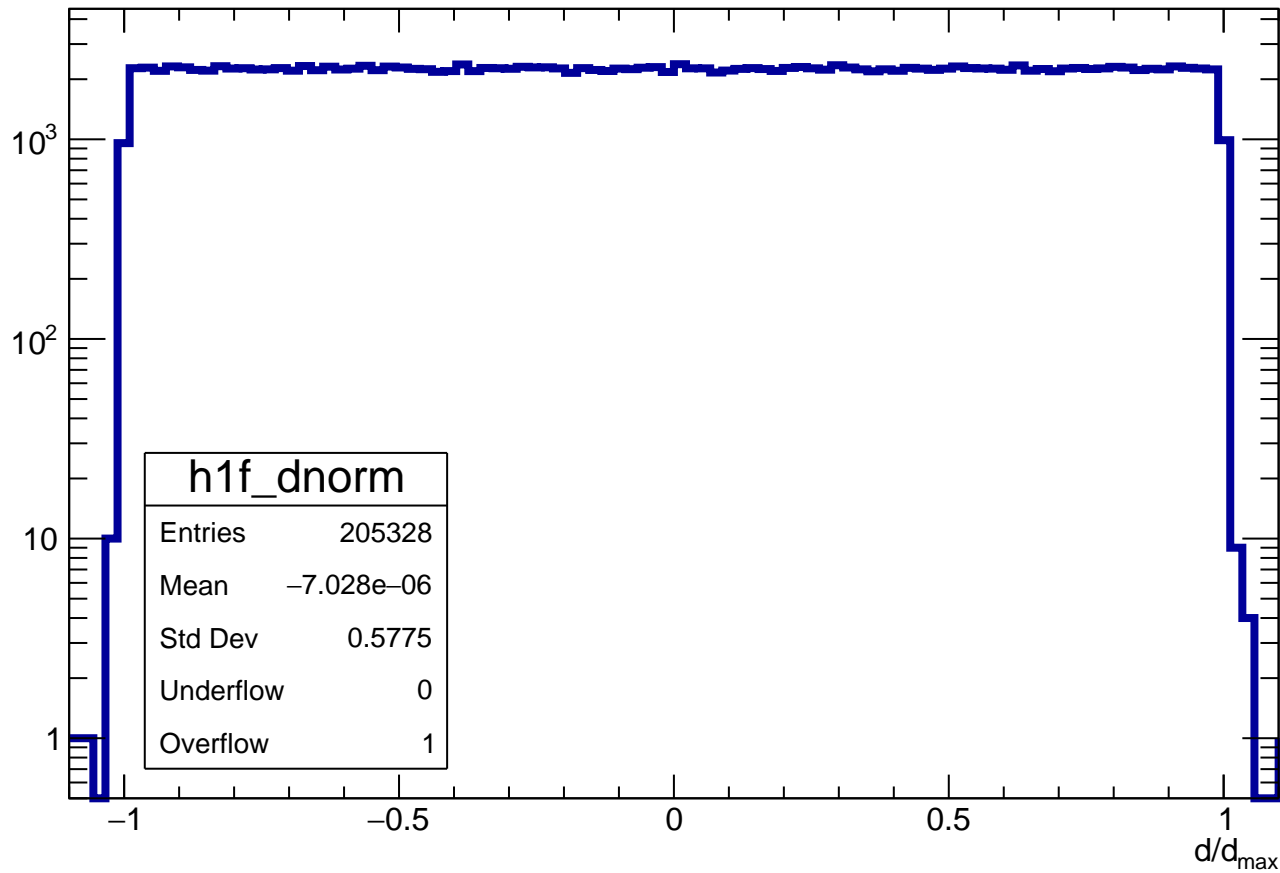
Angle ϕ in each pad



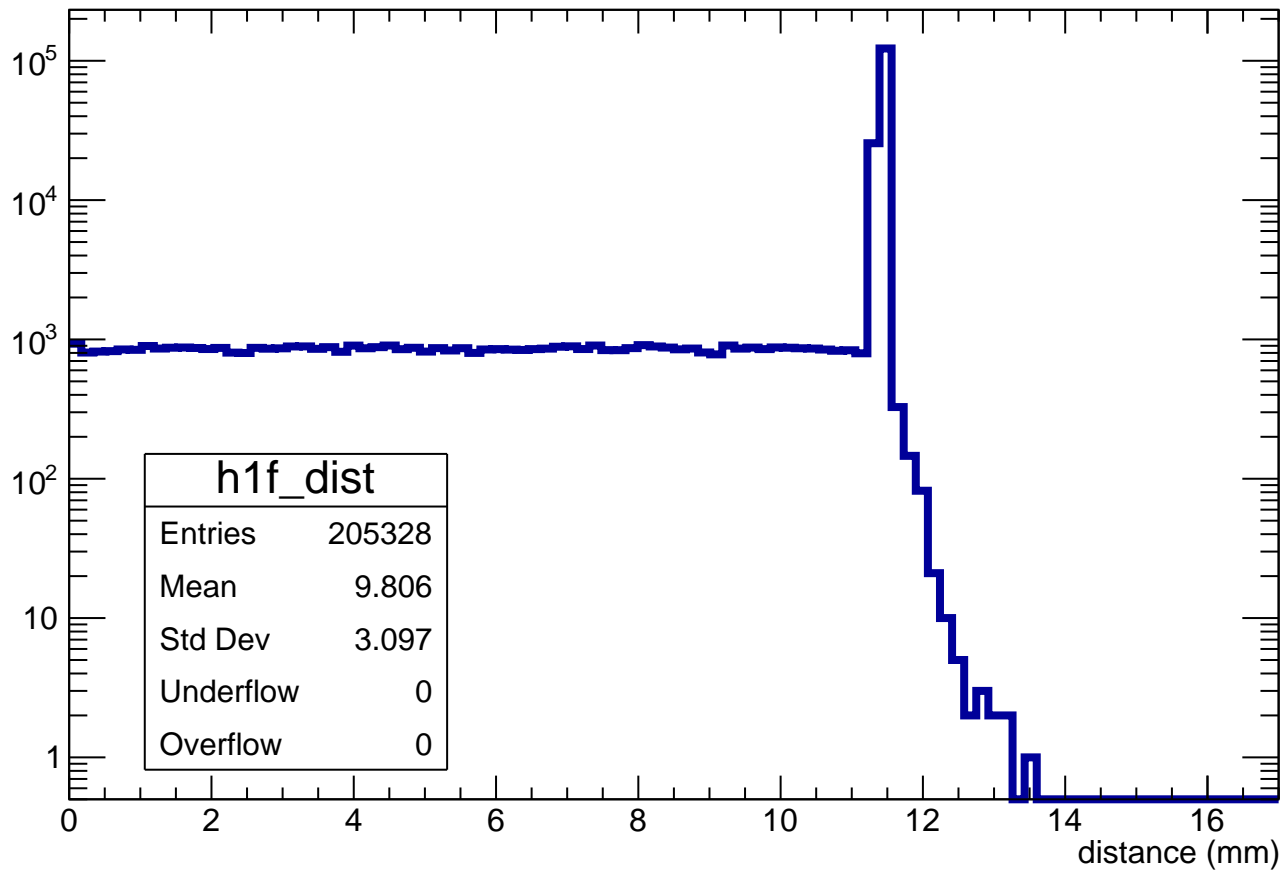
Length in pad normalized to maximum length in pad for a given ϕ



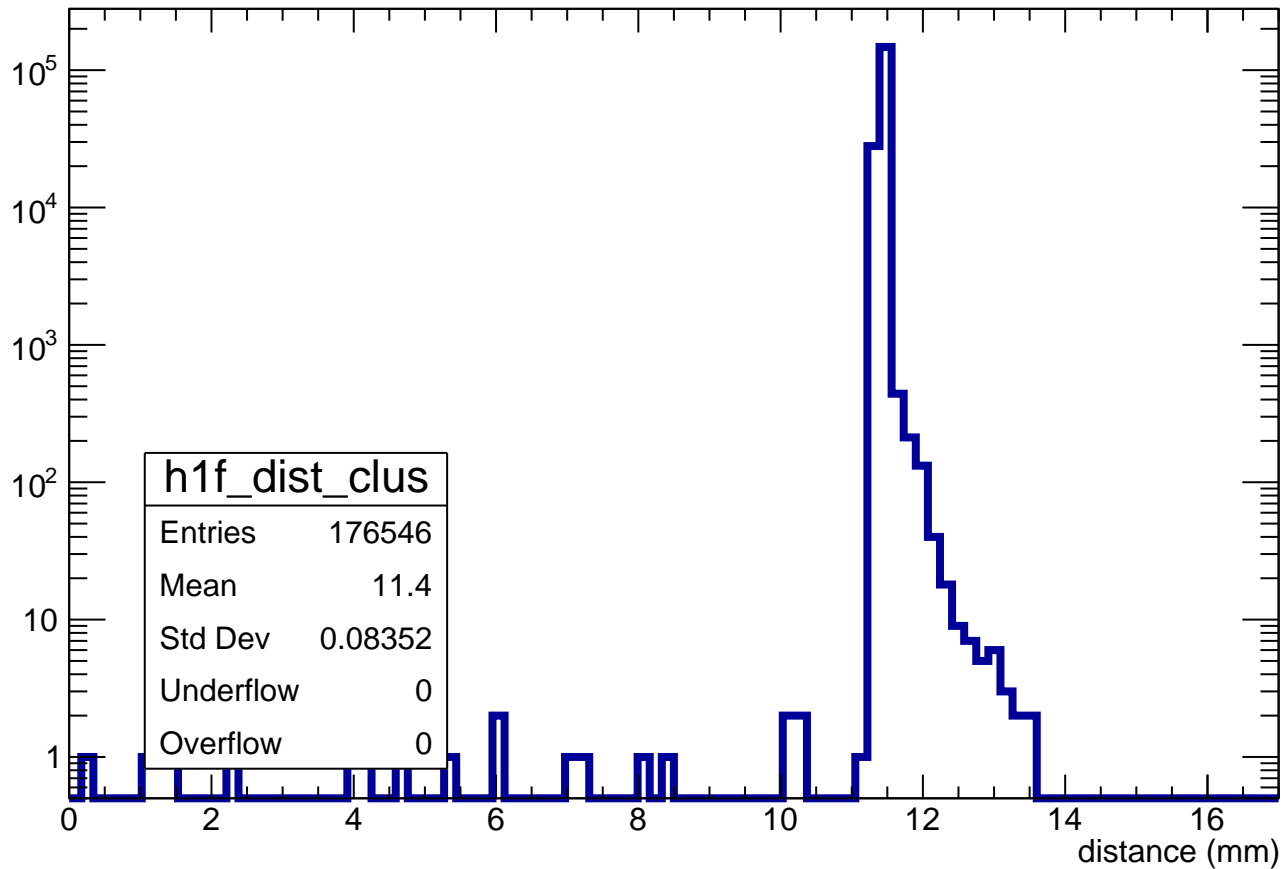
Normalized impact parameter d/d_{max}



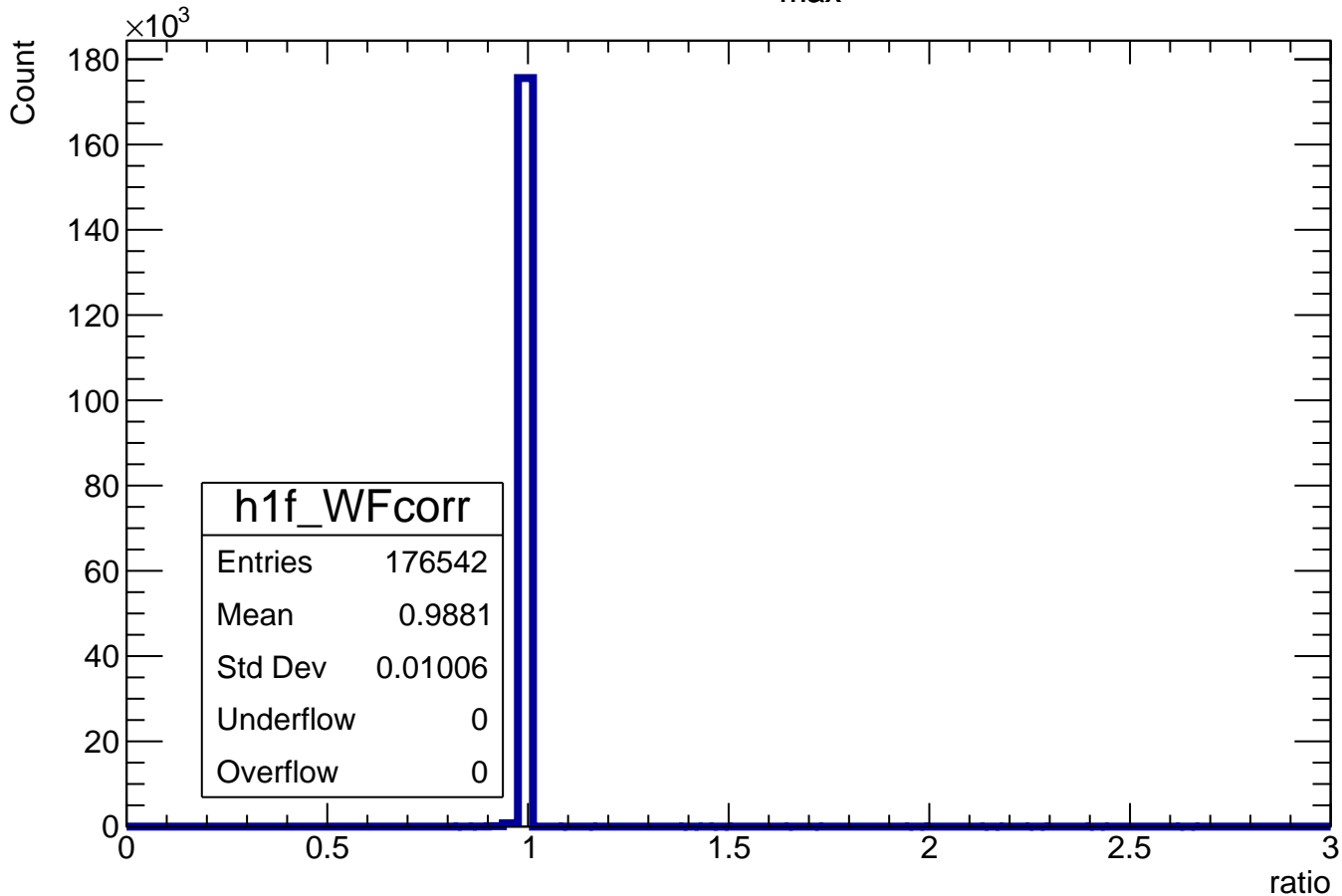
distance of track in pad



distance of track in cluster

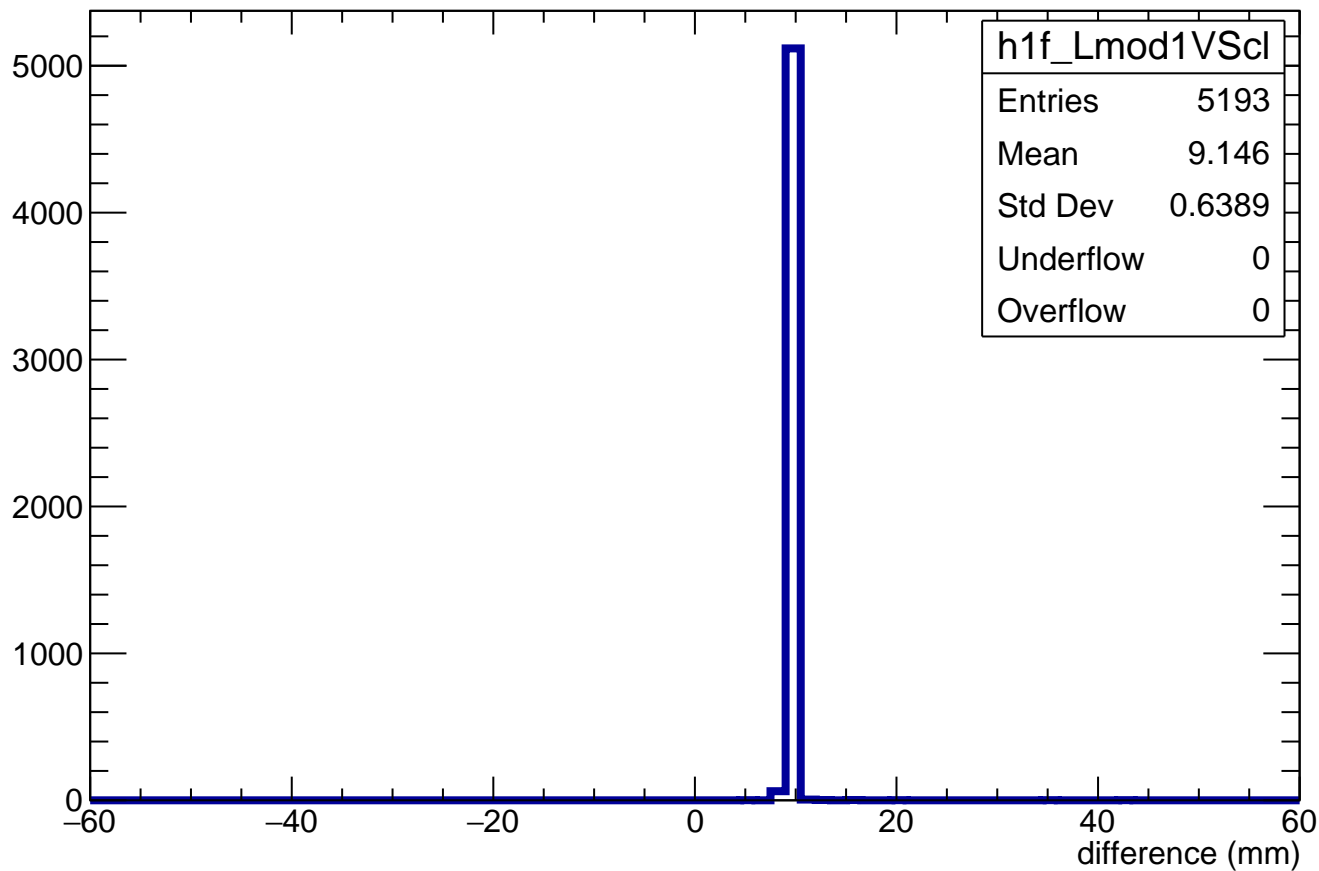


Correction A_{max} ratio



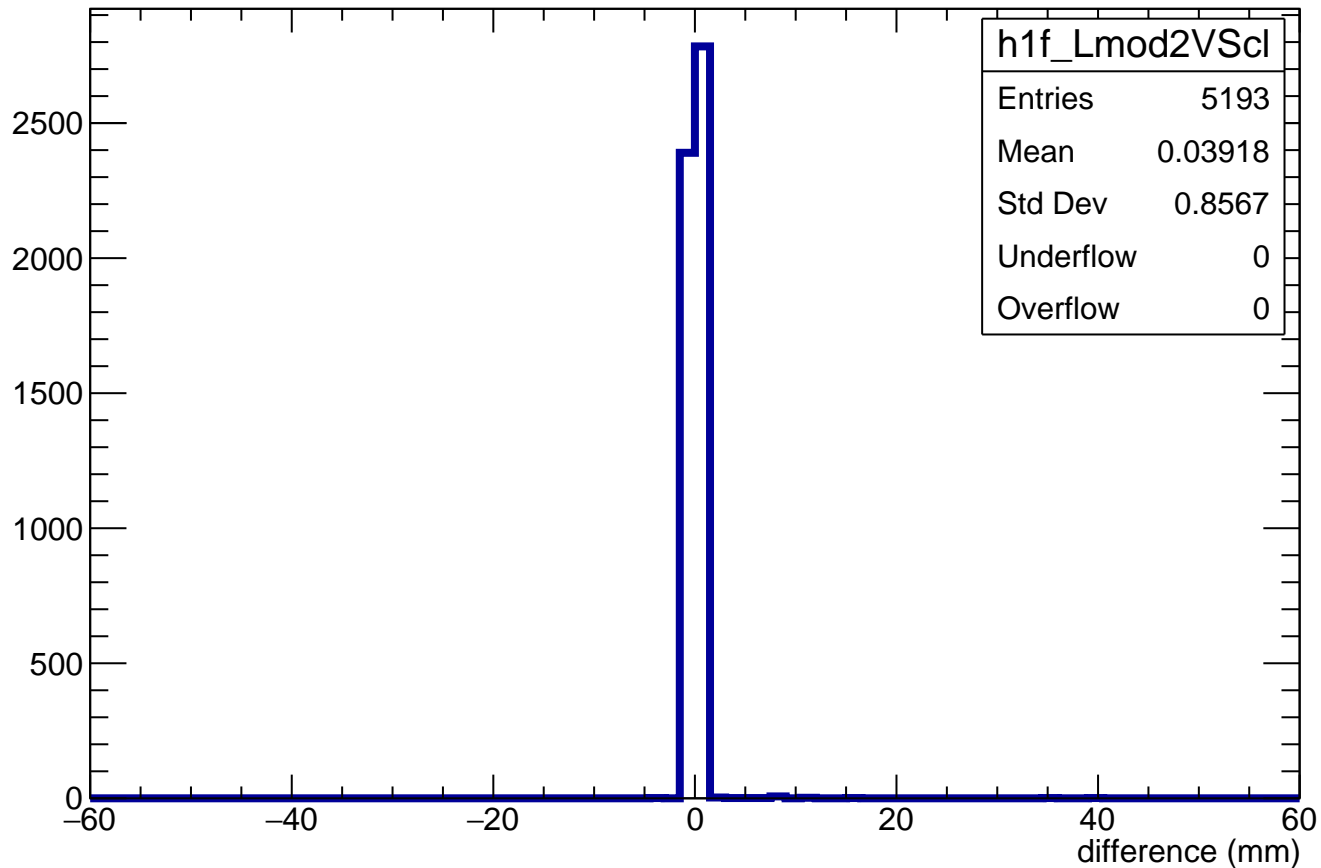
$$L_{\text{ERAM}} * 0.7 - \sum L_{\text{clus} > 2\text{mm}}$$

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

-60

-40

-20

0

20

40

60

difference (mm)

h1f_LallVScI

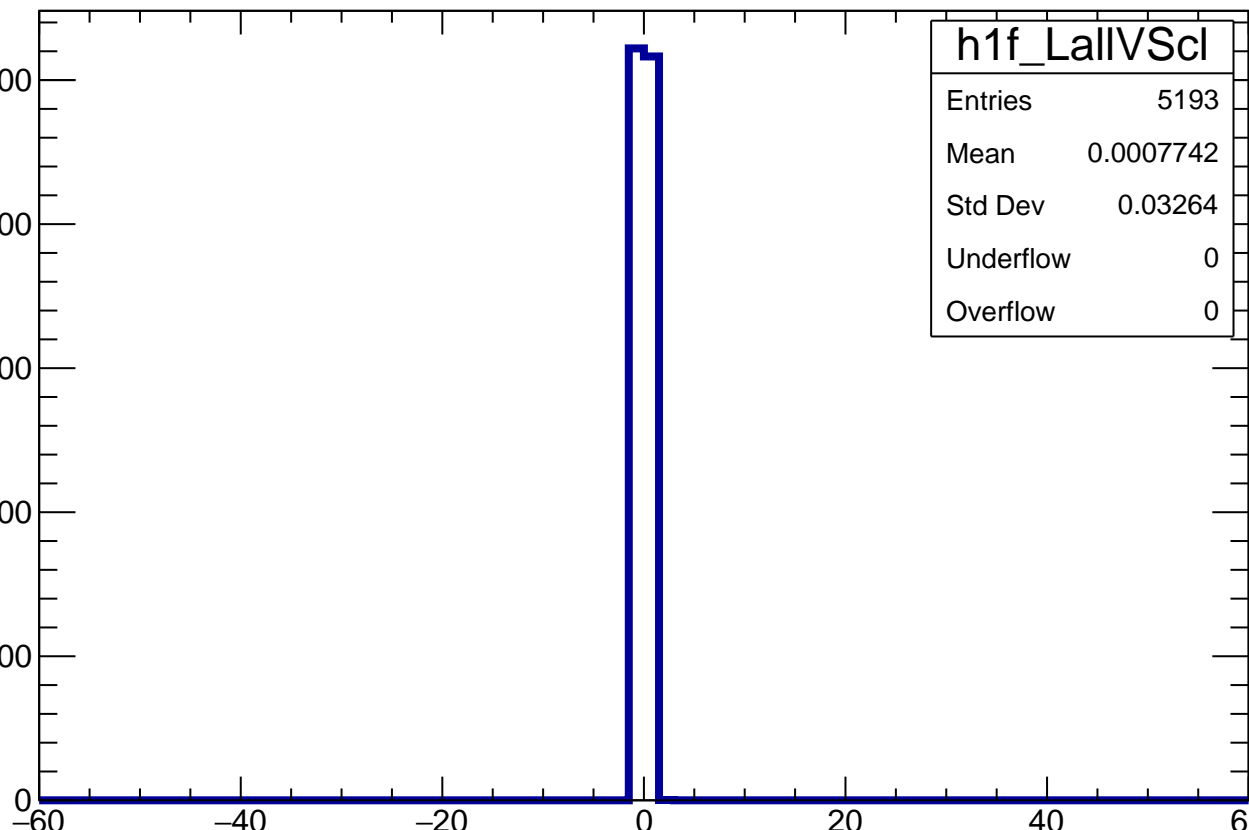
Entries 5193

Mean 0.0007742

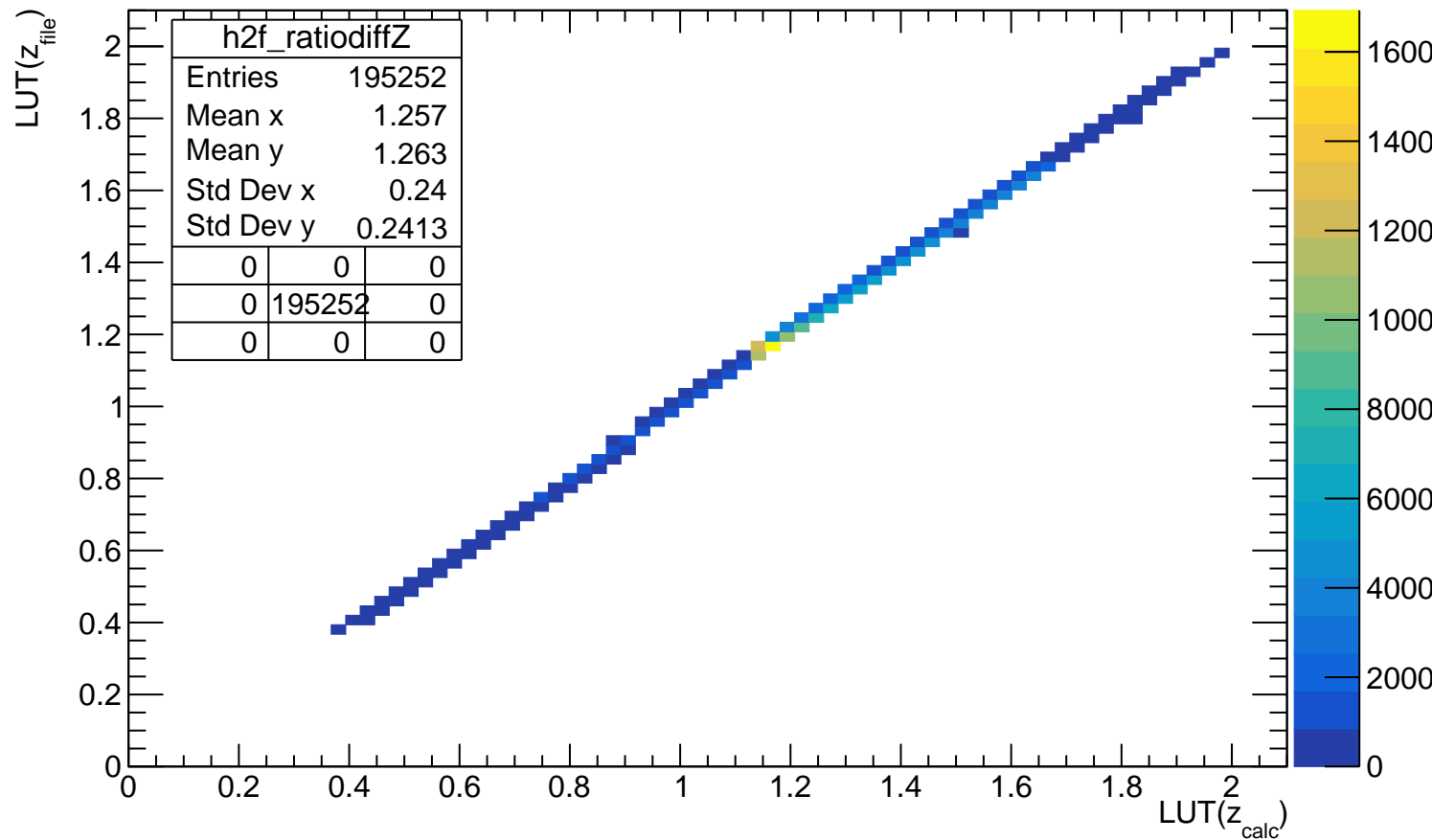
Std Dev 0.03264

Underflow 0

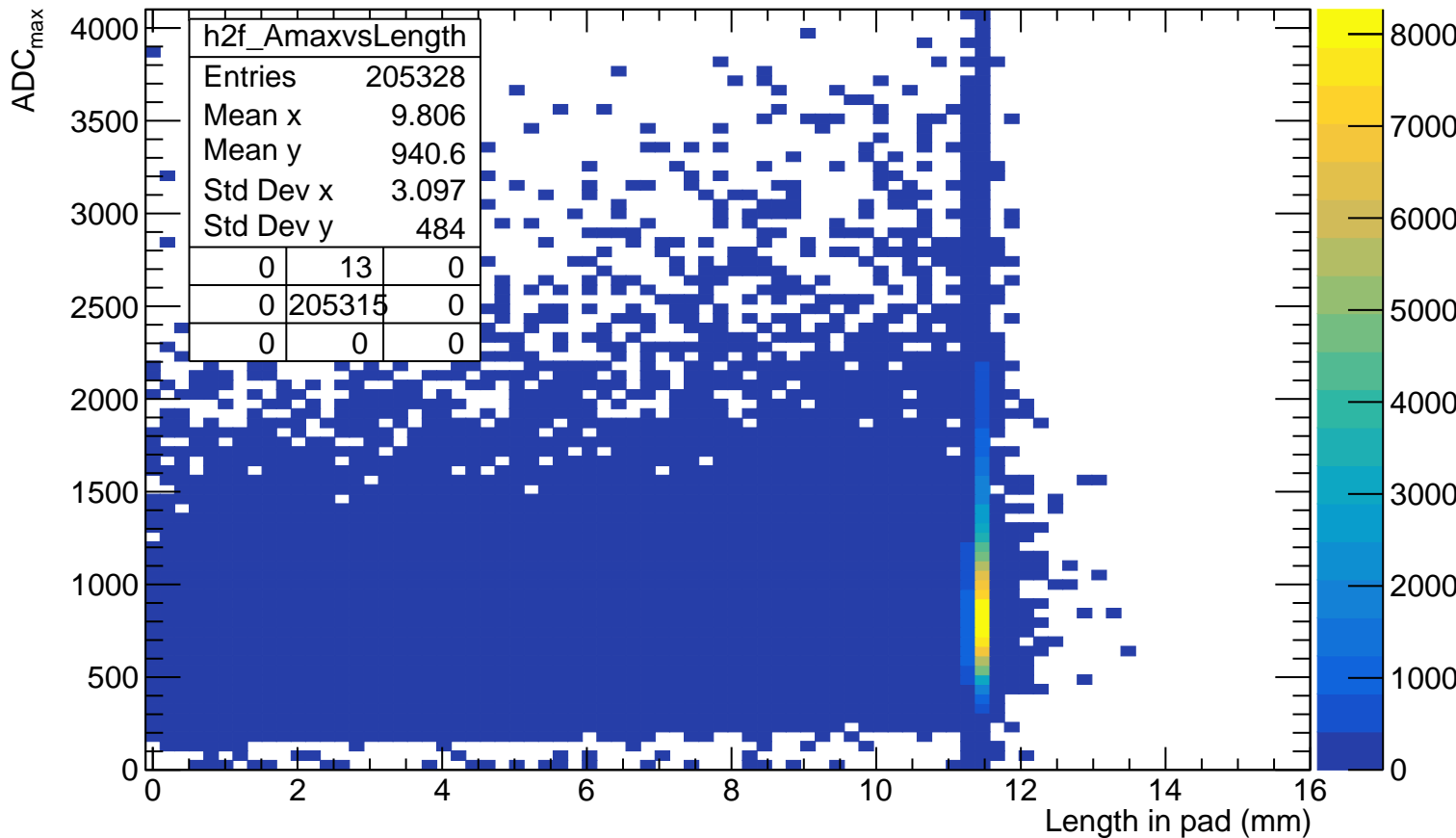
Overflow 0



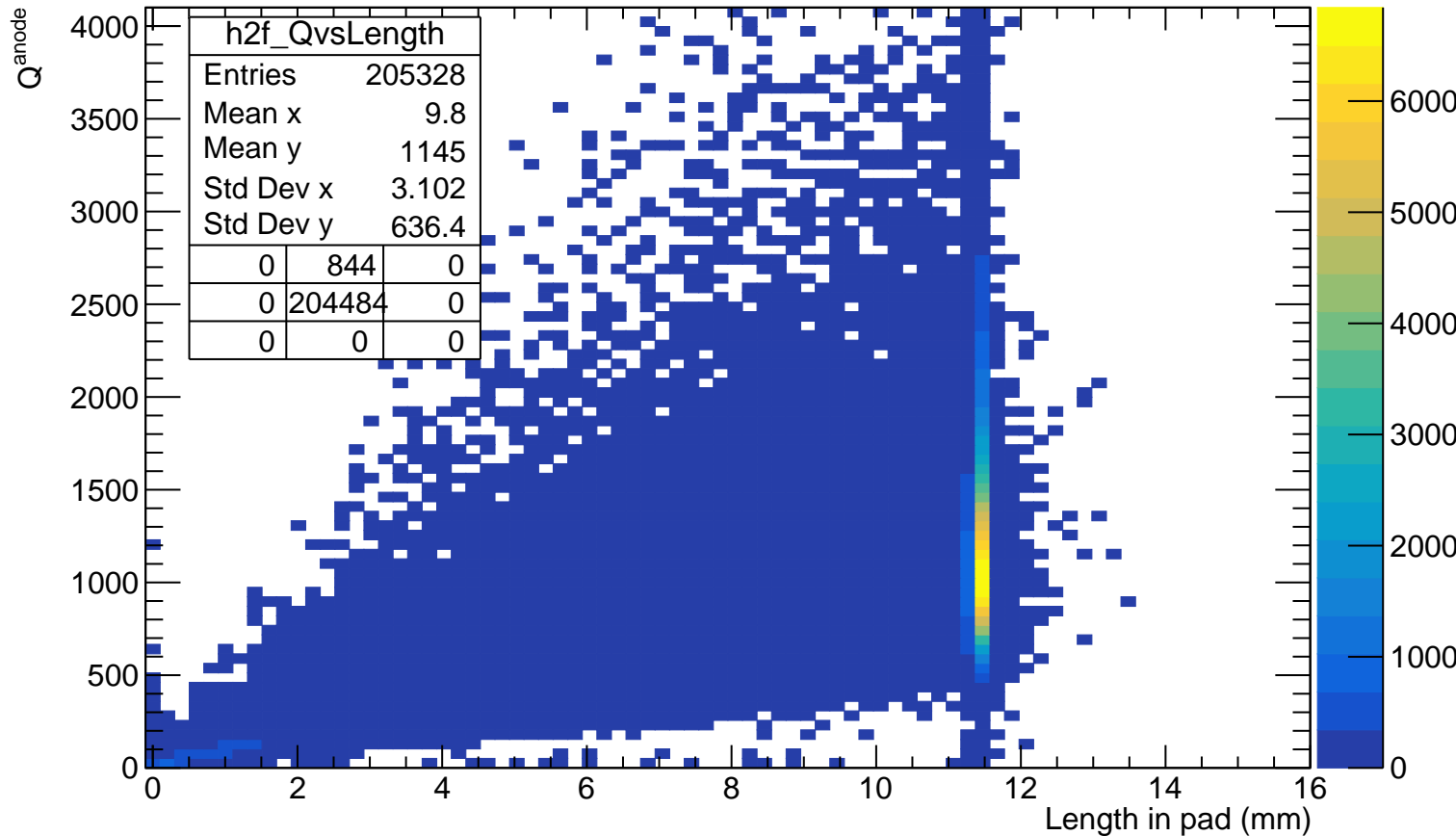
LUT(z_{file}) vs LUT(z_{calc})



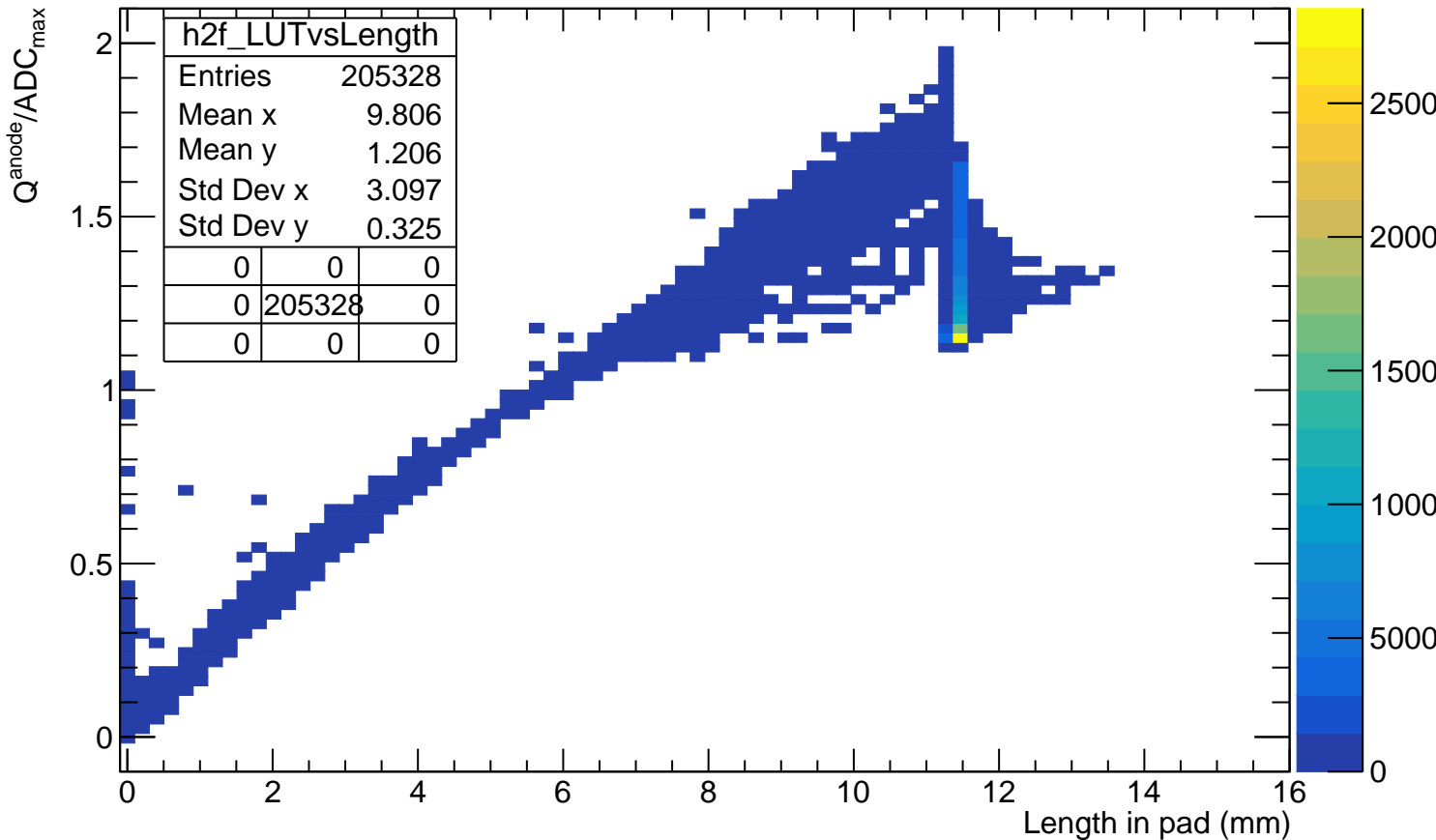
ADC_{max} VS length in pad (before length cut)



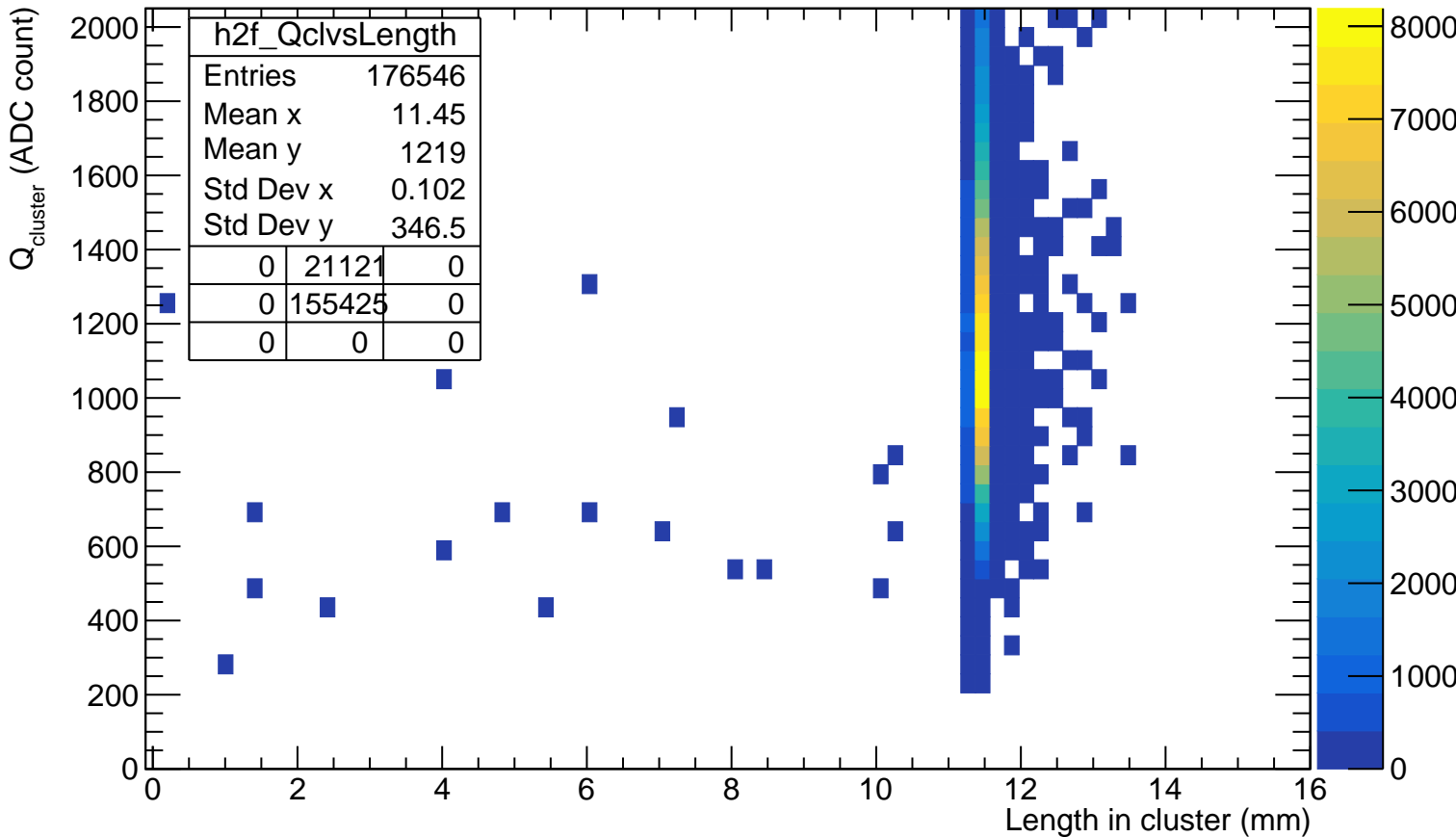
Q^{anode} VS length in pad (before length cut)



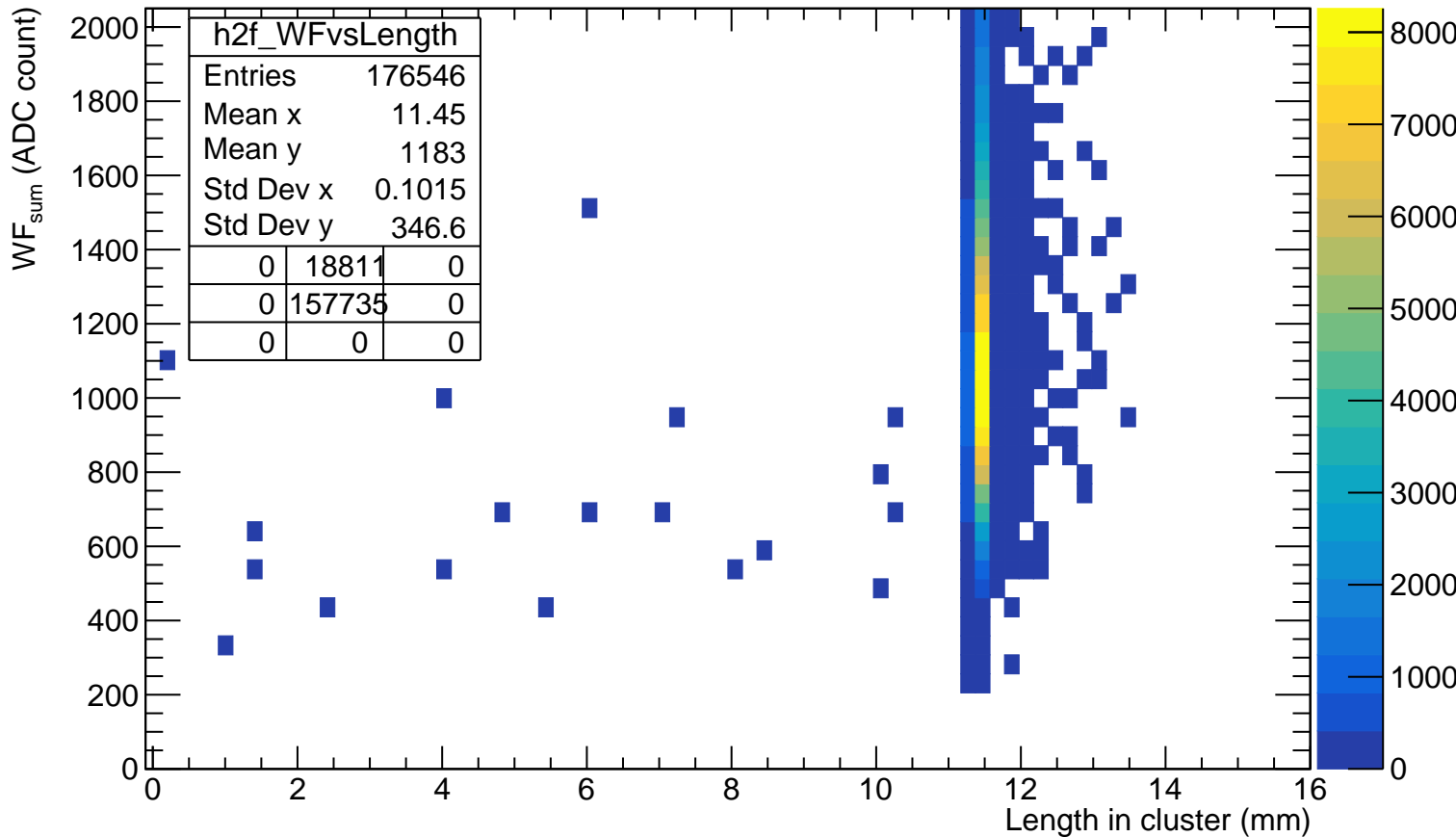
$Q^{\text{anode}}/\text{ADC}_{\text{max}}$ VS length in pad (before length cut)



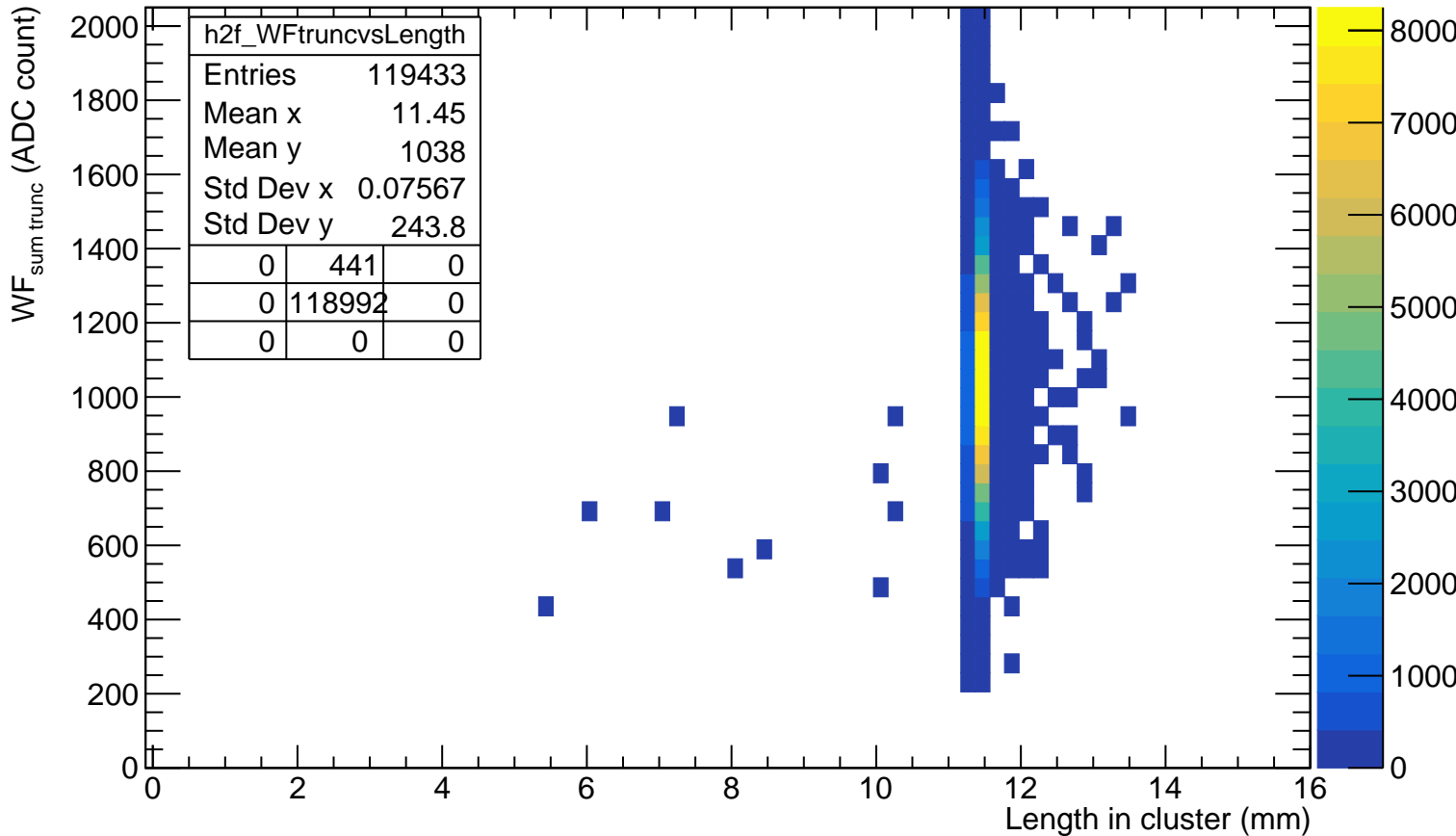
Q_{cluster} VS length in cluster



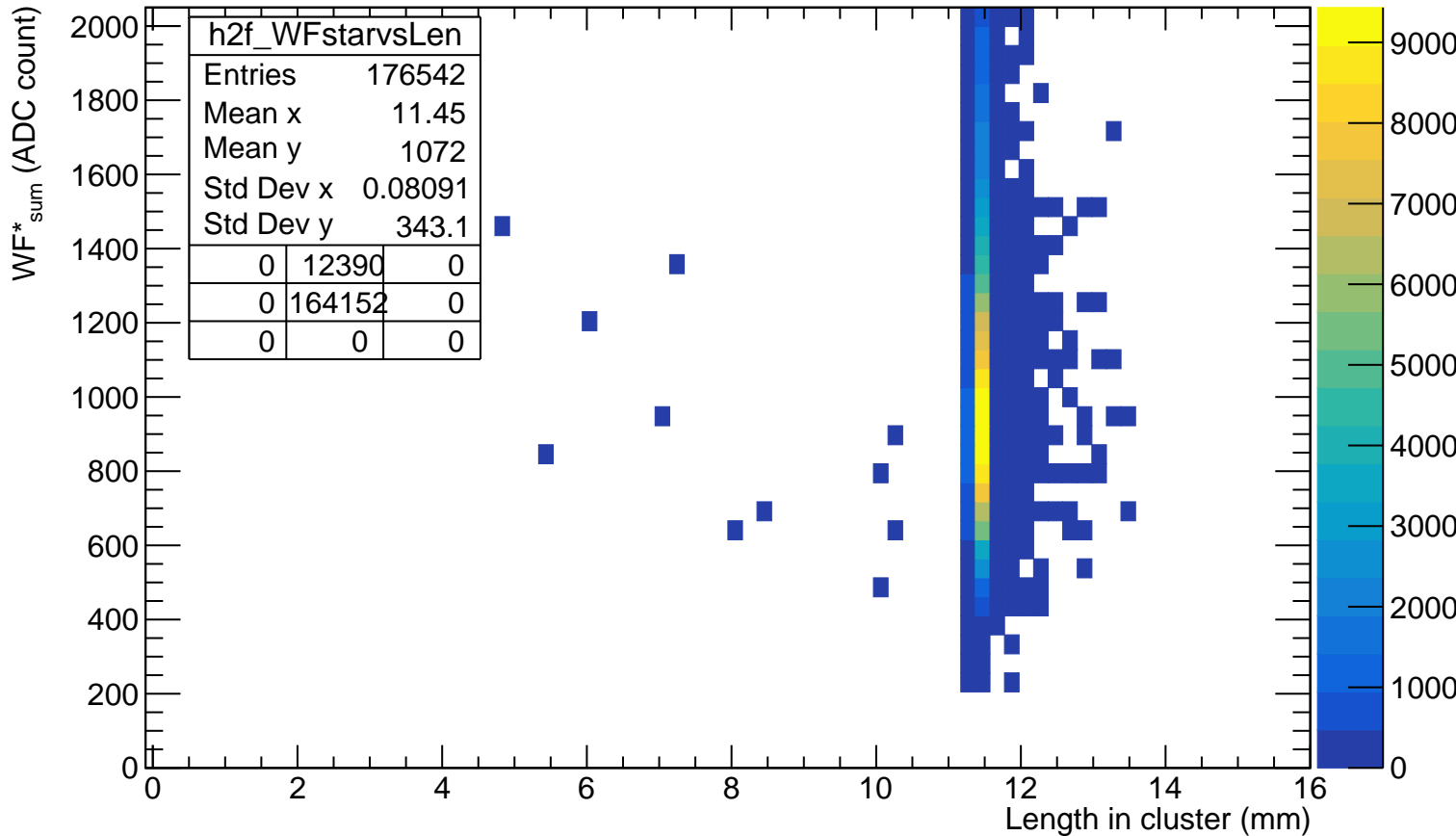
WF_{sum} VS length in cluster



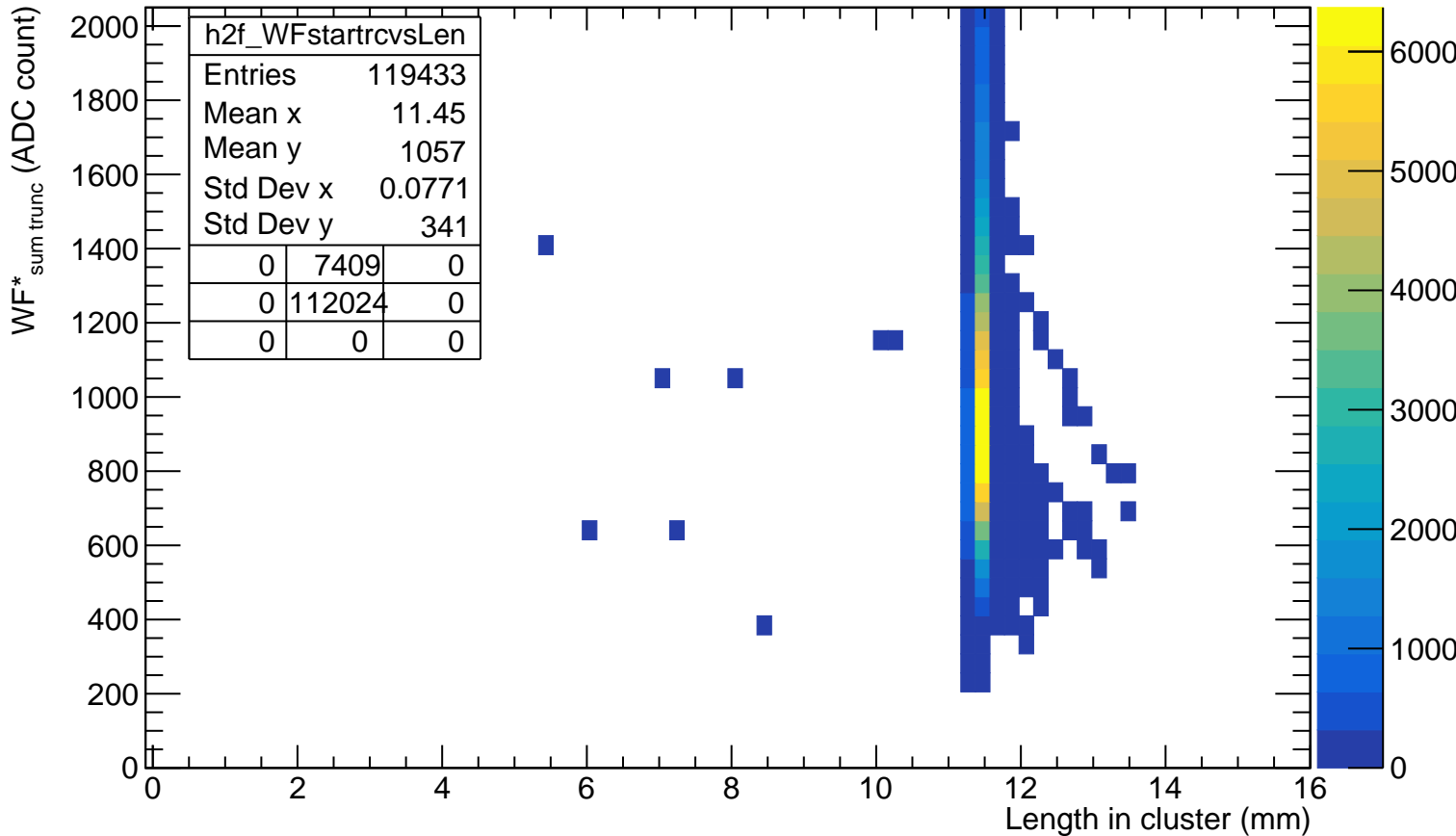
WF_{sum truncated} VS length in cluster



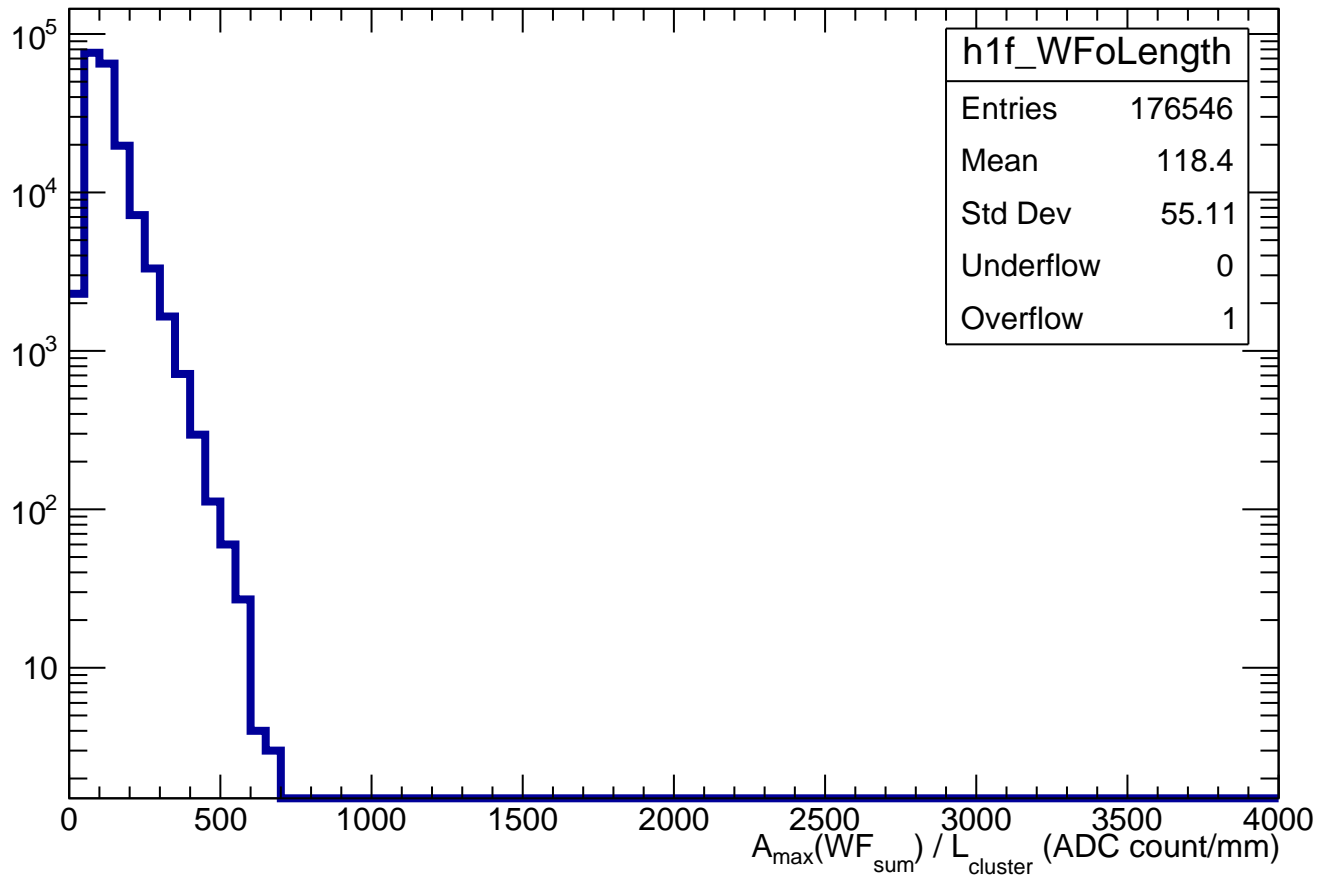
WF*_{sum} VS length in cluster



WF*_{sum truncated} VS length in cluster



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



impact parameter d vs length in pad

