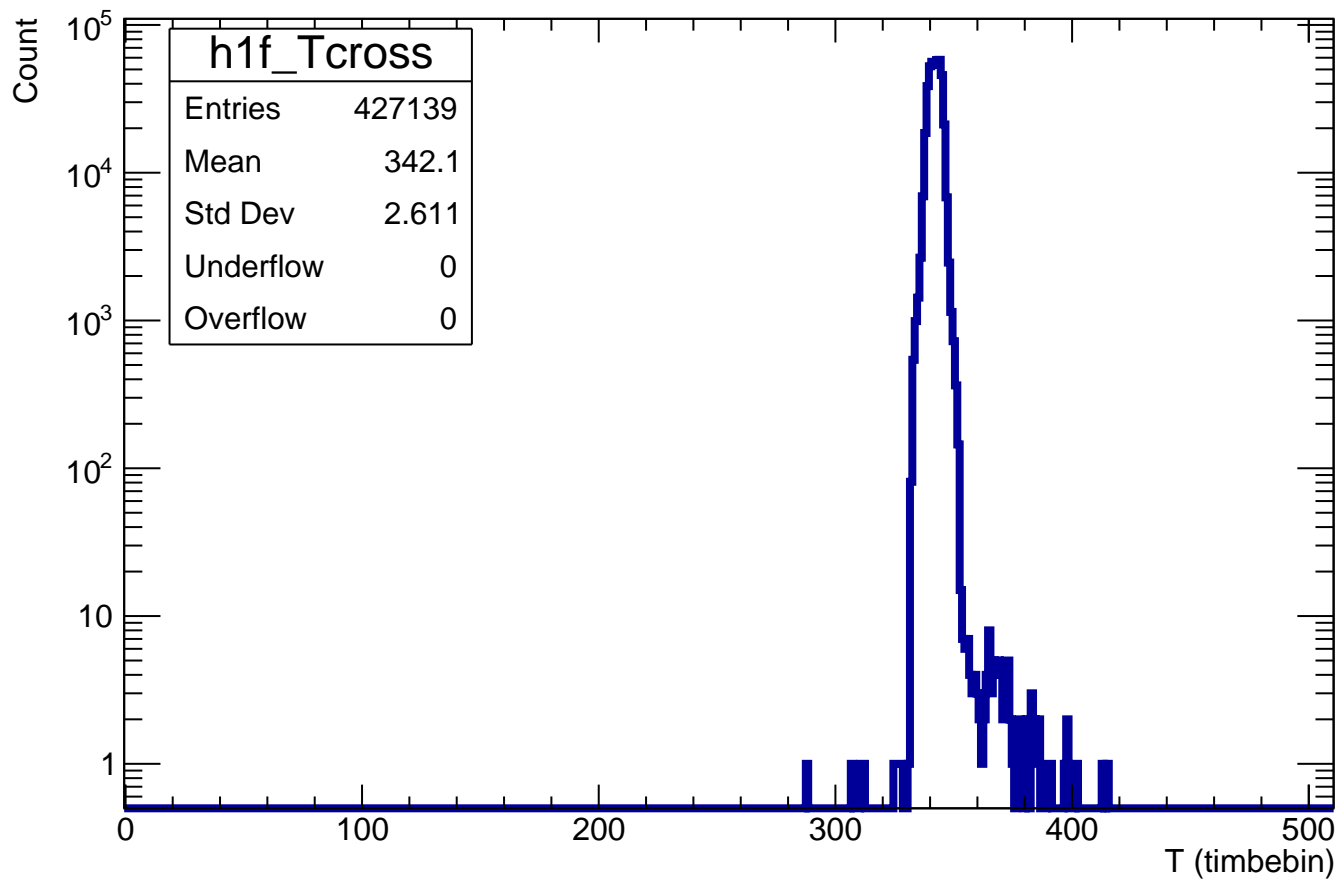
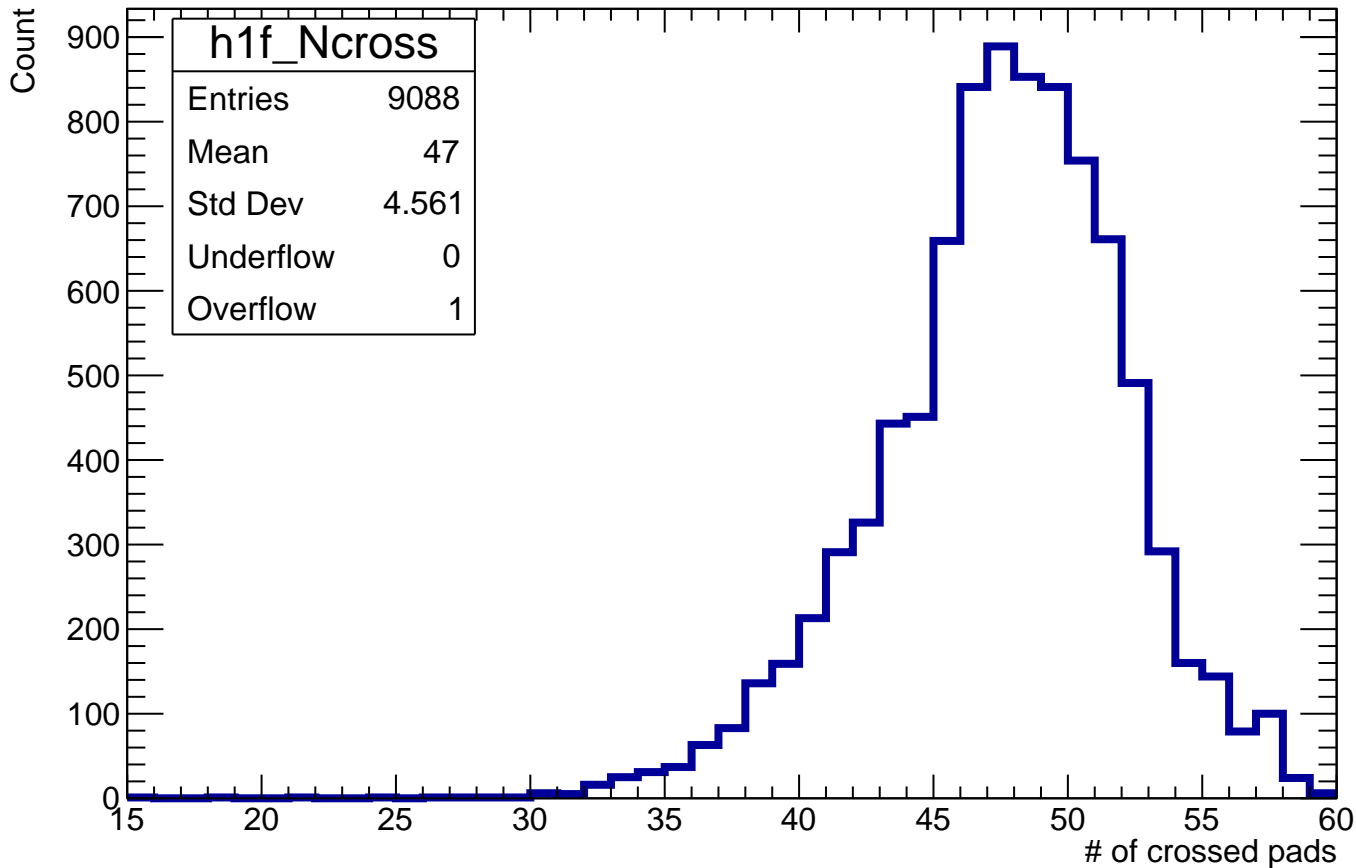


T_{\max} of crossed pads



Number of crossed pads



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

Count

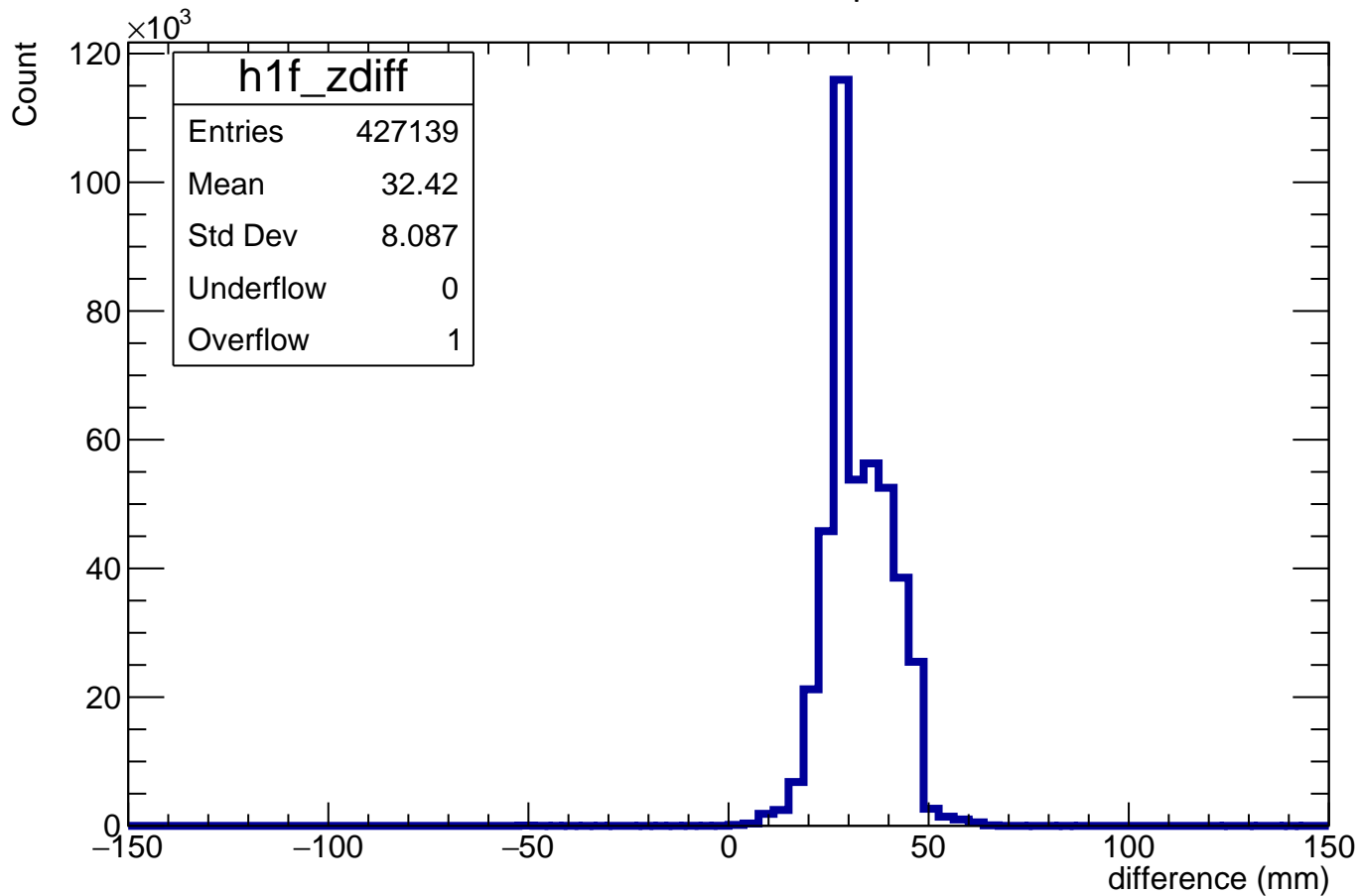
| h1f_XPdiff | |
|------------|--------|
| Entries | 9088 |
| Mean | 0.3721 |
| Std Dev | 19.65 |
| Underflow | 3 |
| Overflow | 0 |

700
600
500
400
300
200
100
0

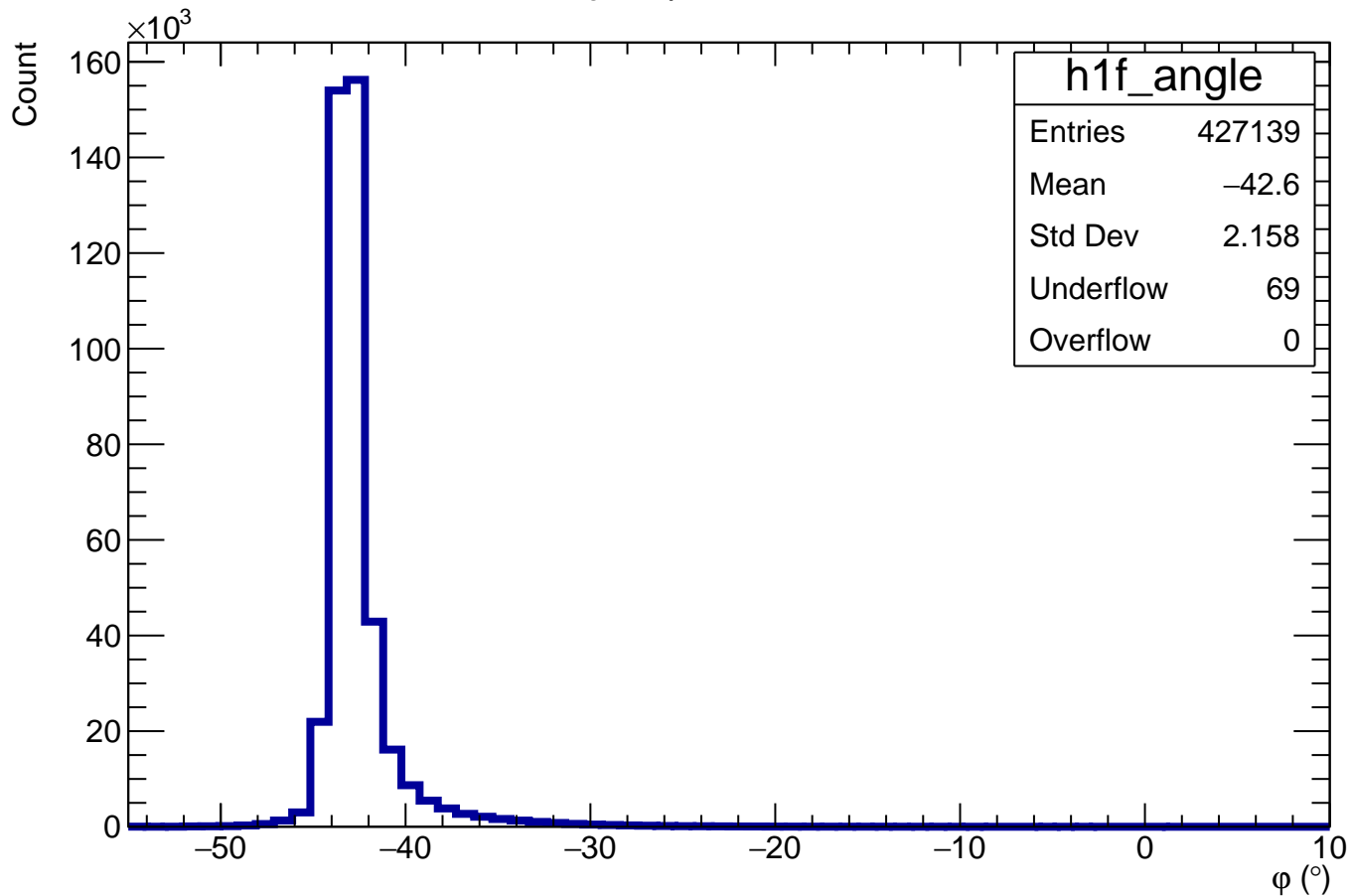
difference (ADC count)

-150 -100 -50 0 50 100 150

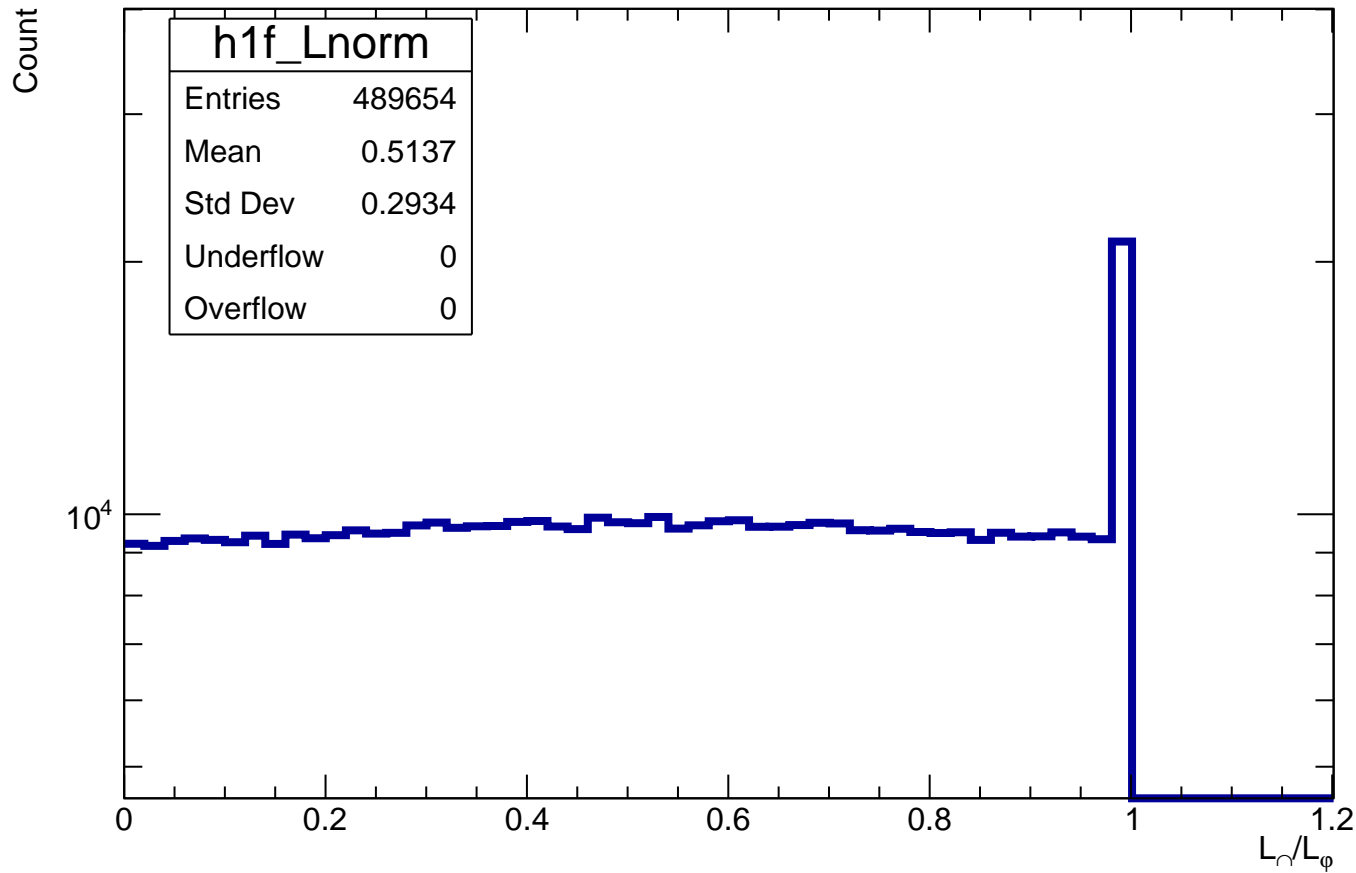
$$Z_{\text{file}} = 950\text{mm} - Z_{\text{computed}}$$



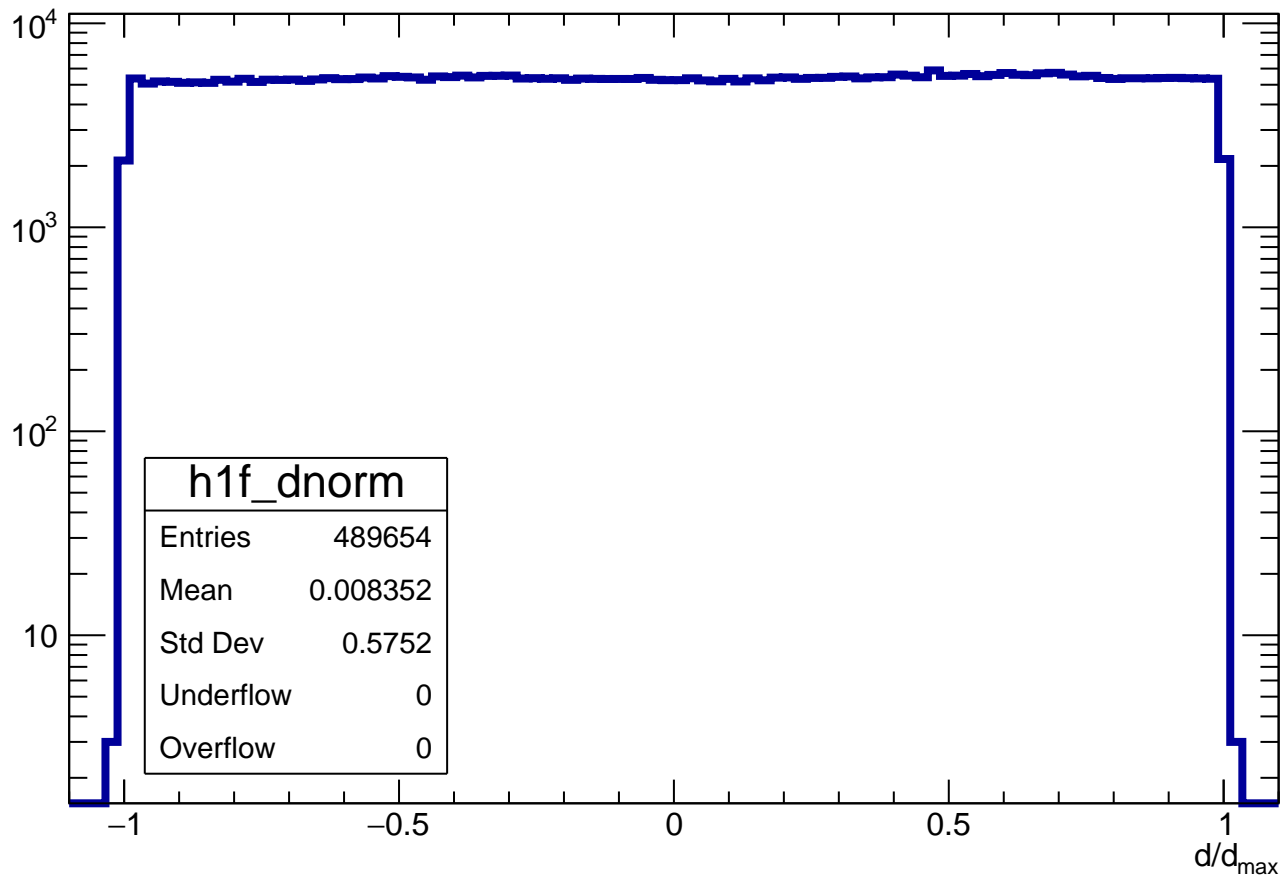
Angle ϕ in each pad



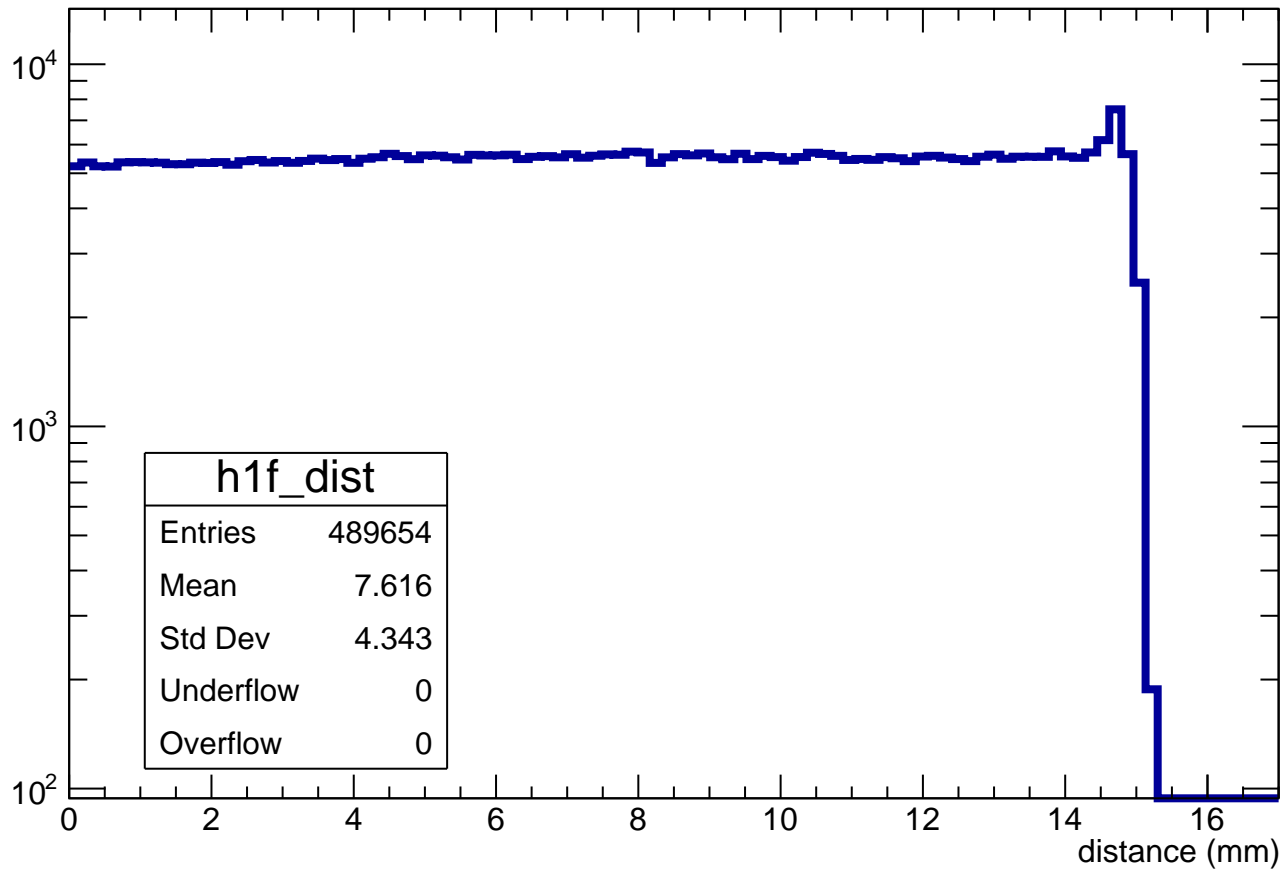
Length in pad normalized to maximum length in pad for a given ϕ



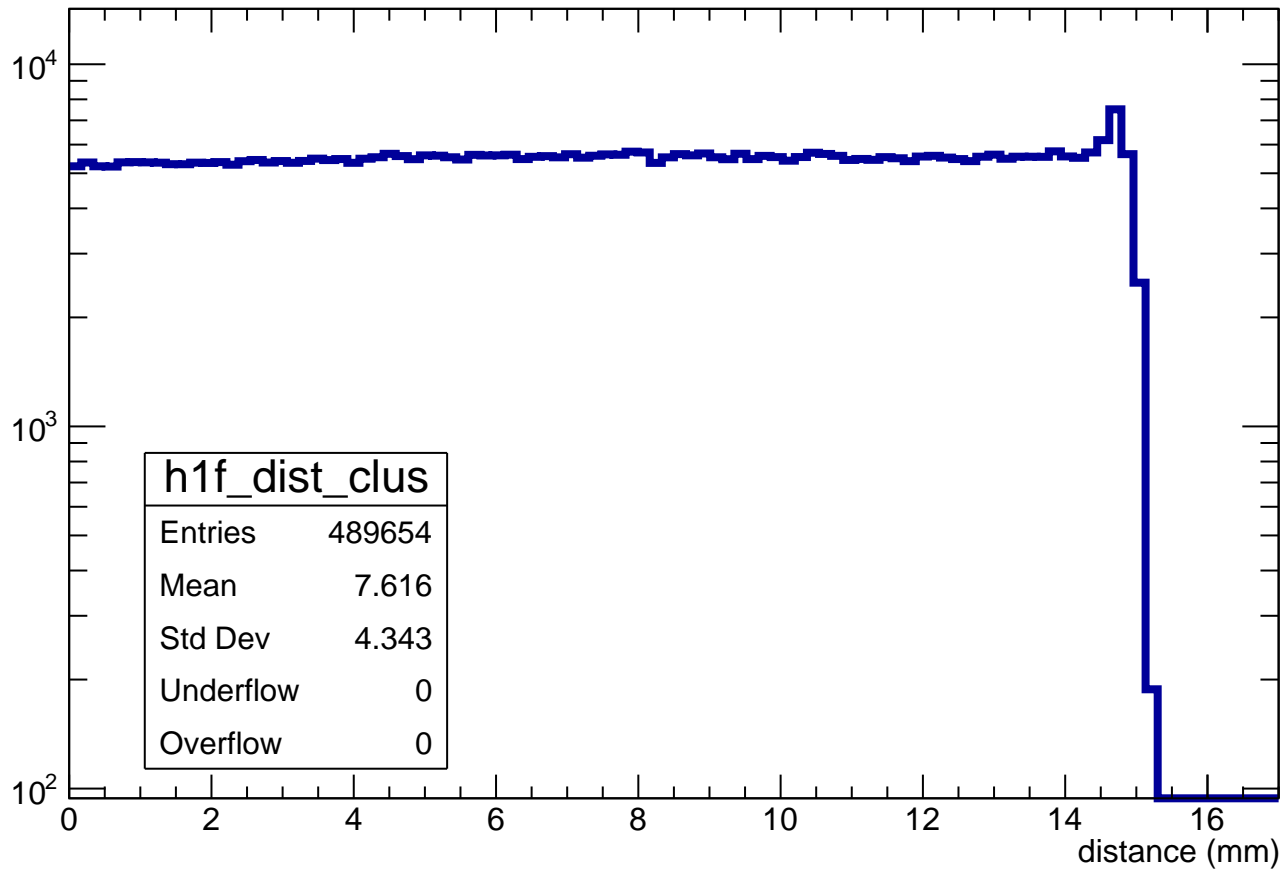
Normalized impact parameter d/d_{max}



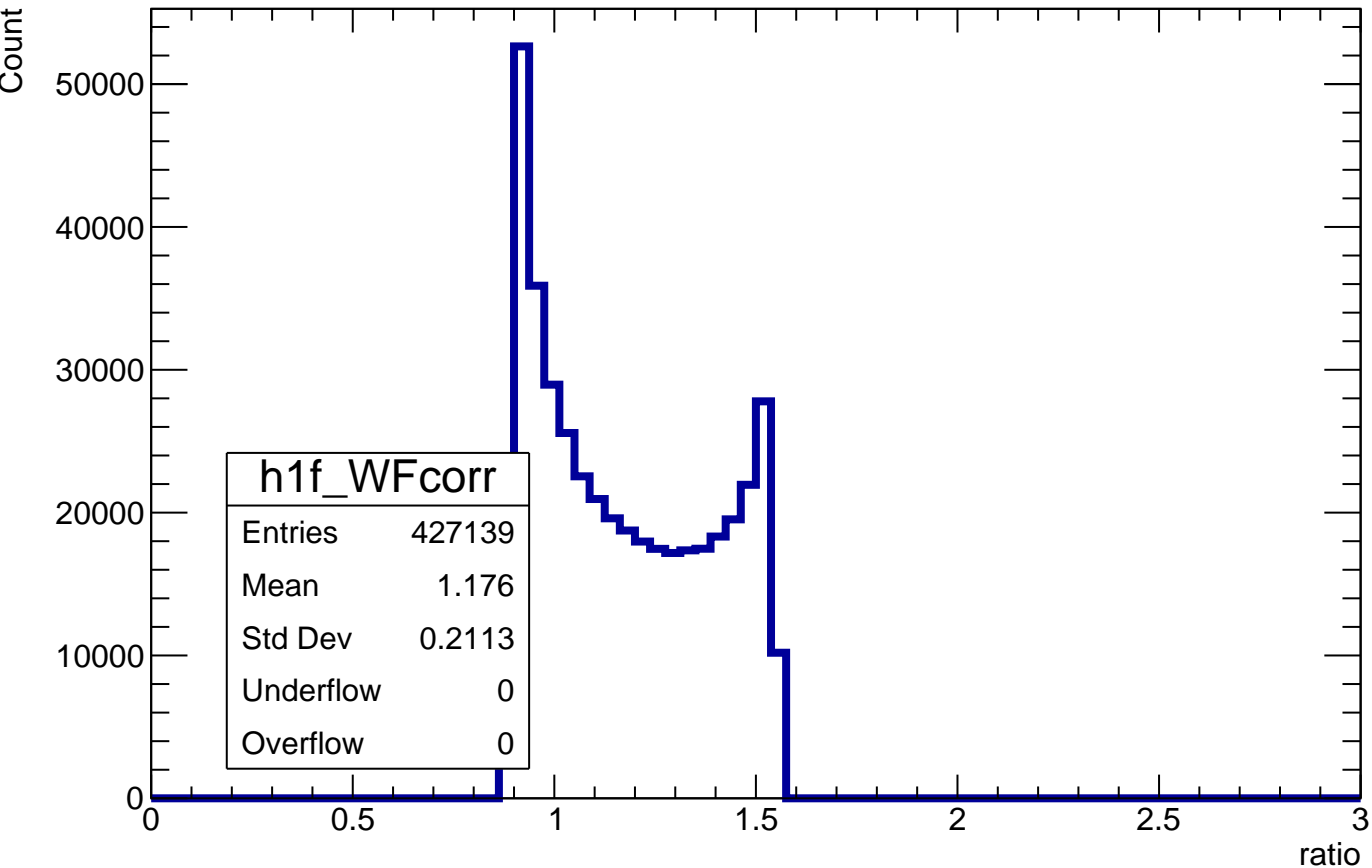
distance of track in pad



distance of track in cluster

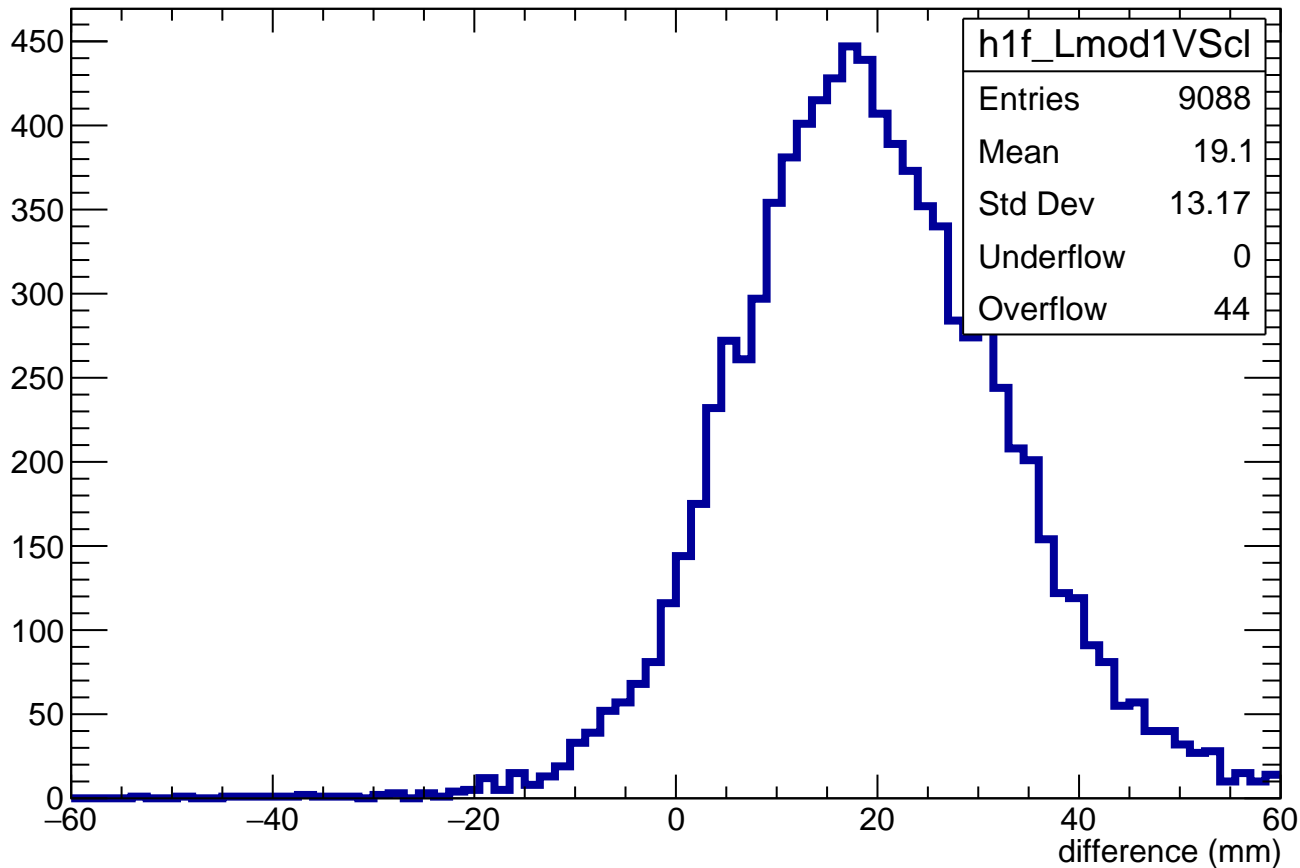


Correction A_{max} ratio

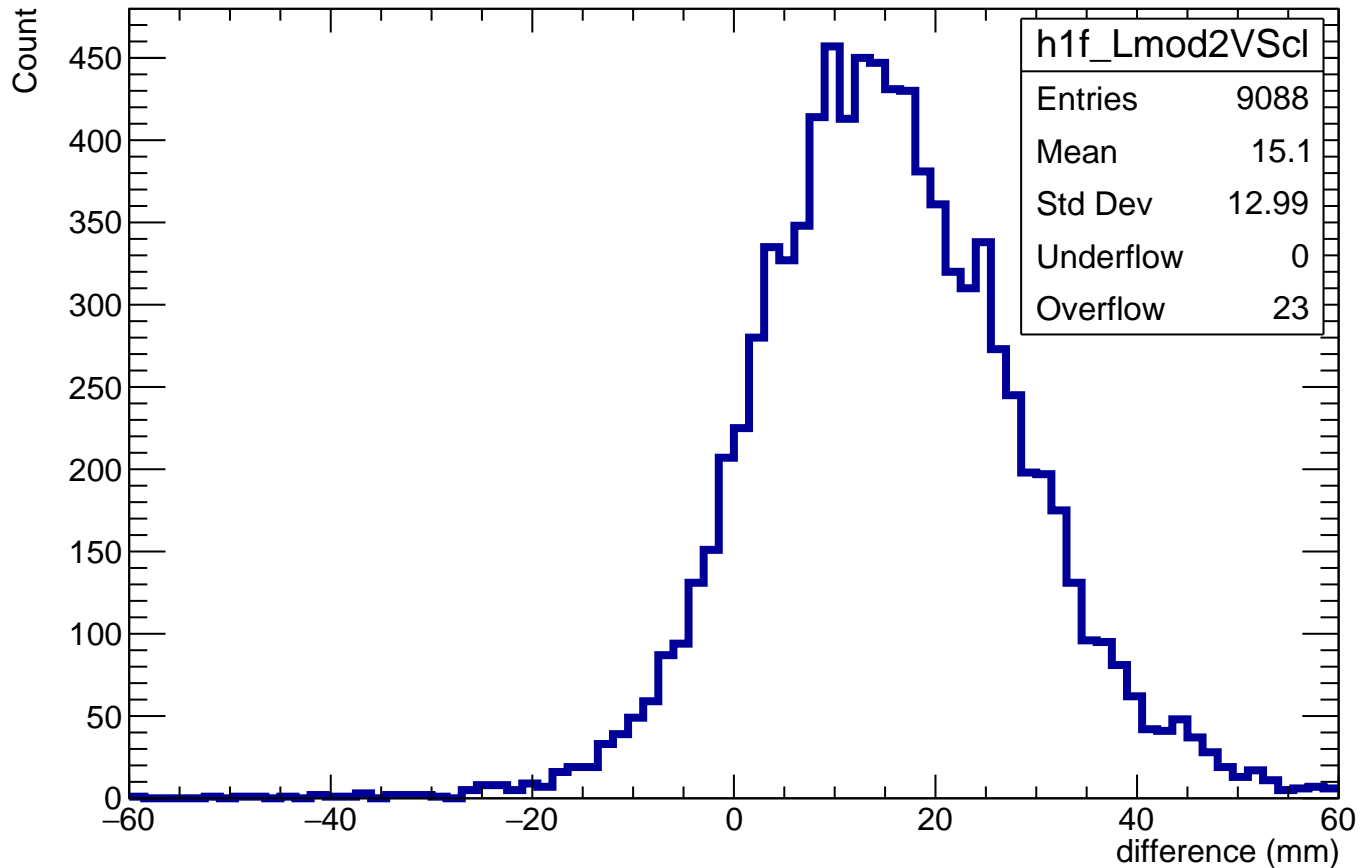


$$L_{\text{ERAM}}^*0.7 - \Sigma L_{\text{clus}>2\text{mm}}$$

Count



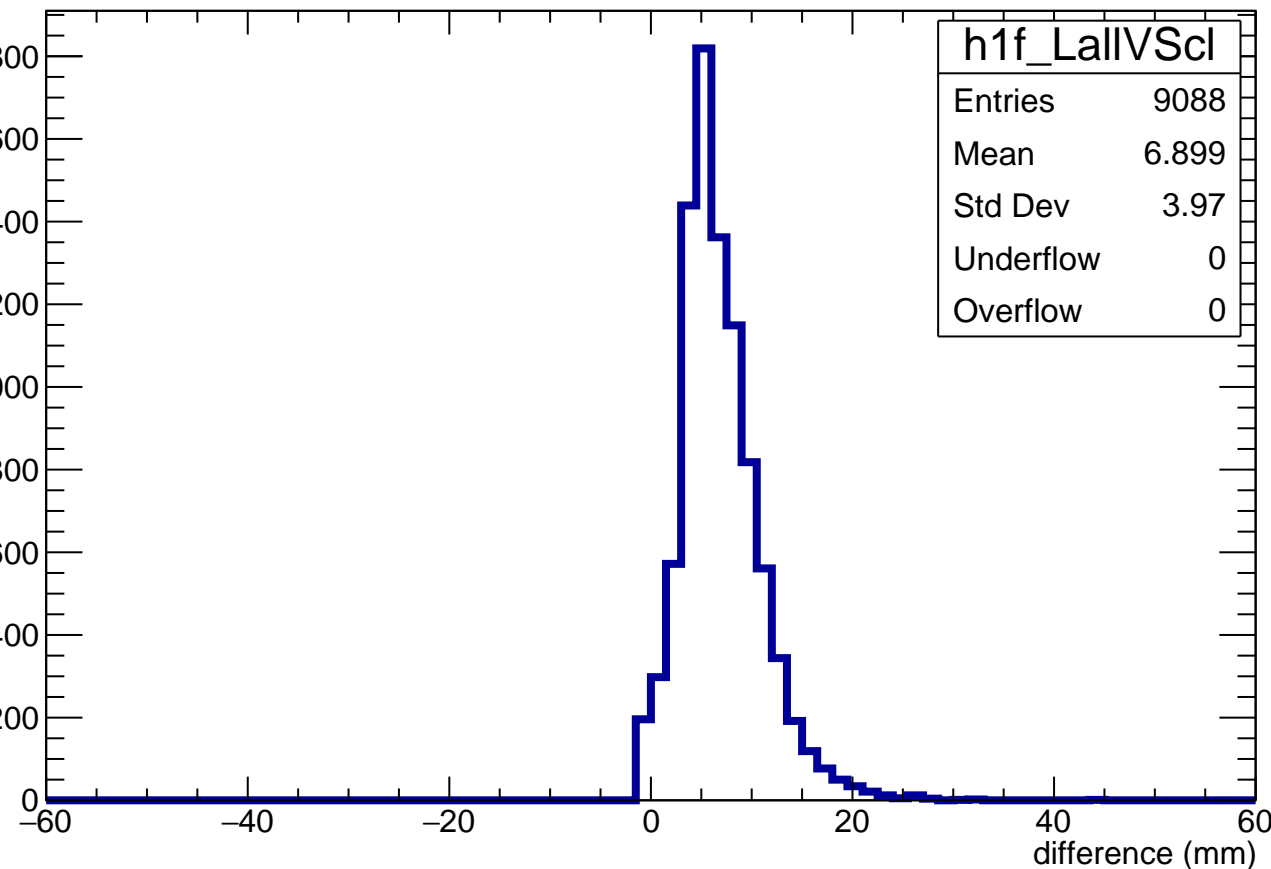
$$L_{\text{ERAM}} * (N_{\text{trunc cross}} / N_{\text{clus cross} > 2\text{mm}}) - \sum L_{\text{clus} > 2\text{mm}}$$



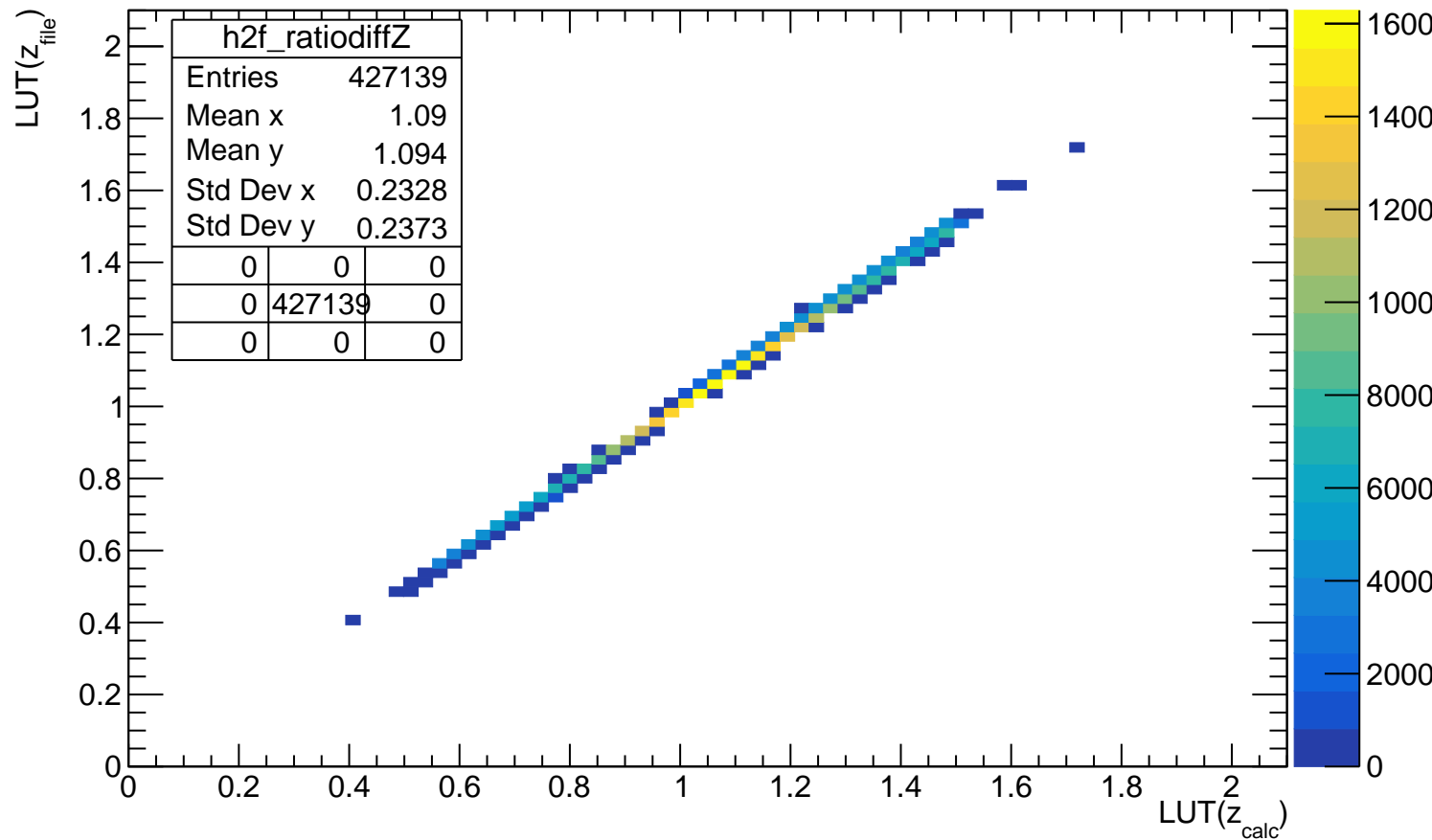
$L_{\text{clusters}} - L_{\text{clusters} > 2\text{mm}}$

Count

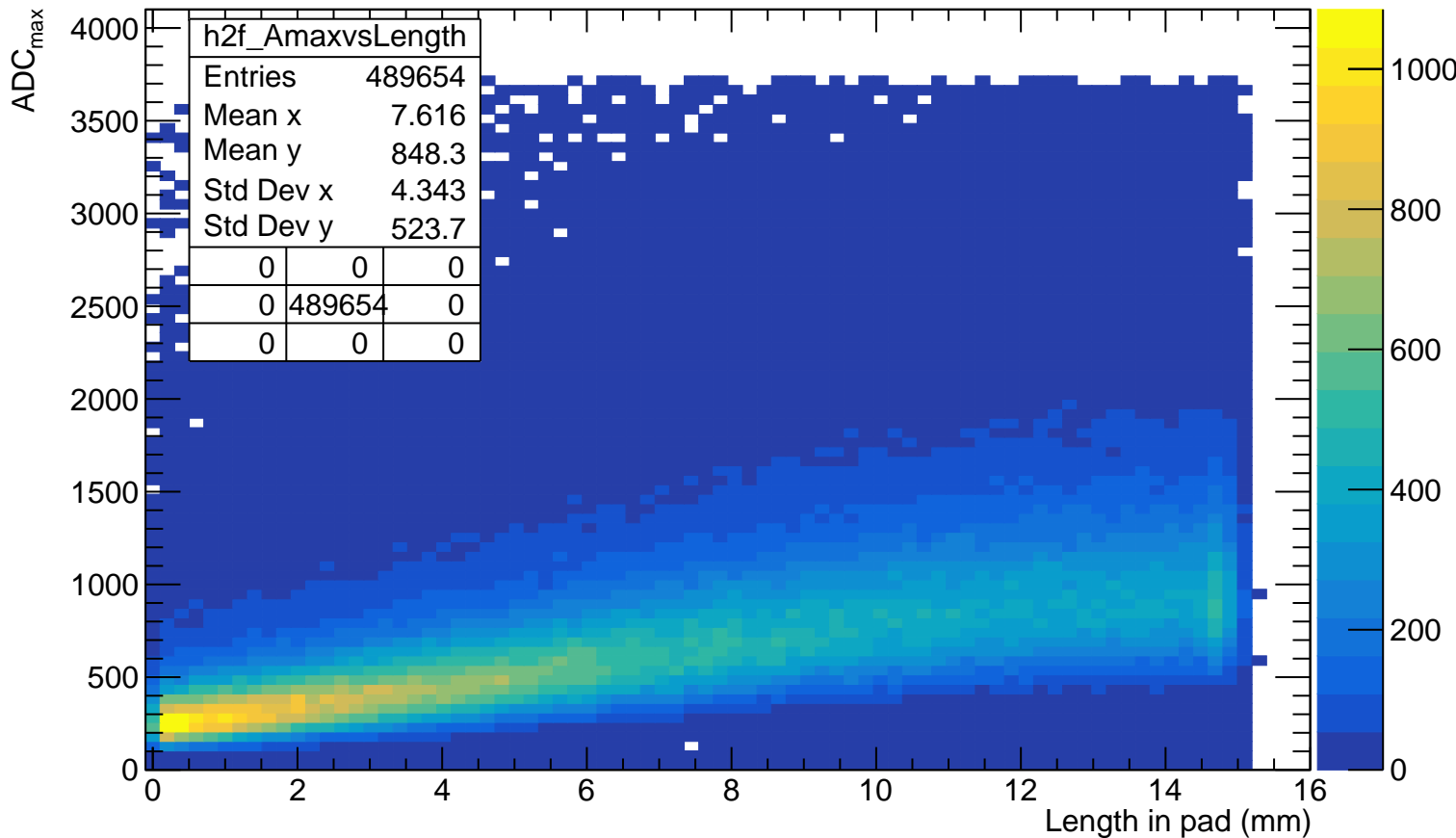
1800
1600
1400
1200
1000
800
600
400
200
0



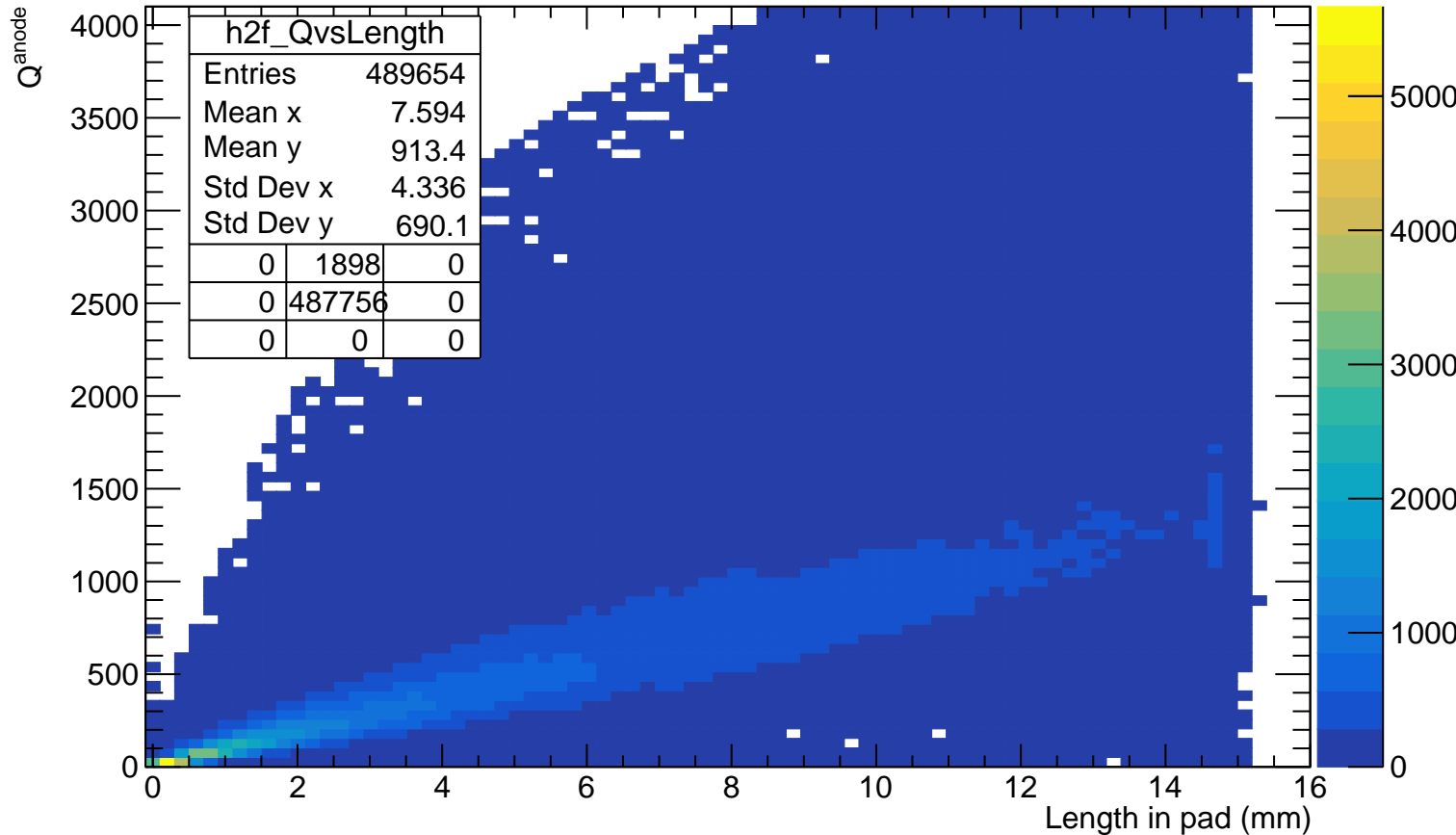
LUT(z_{file}) vs LUT(z_{calc})



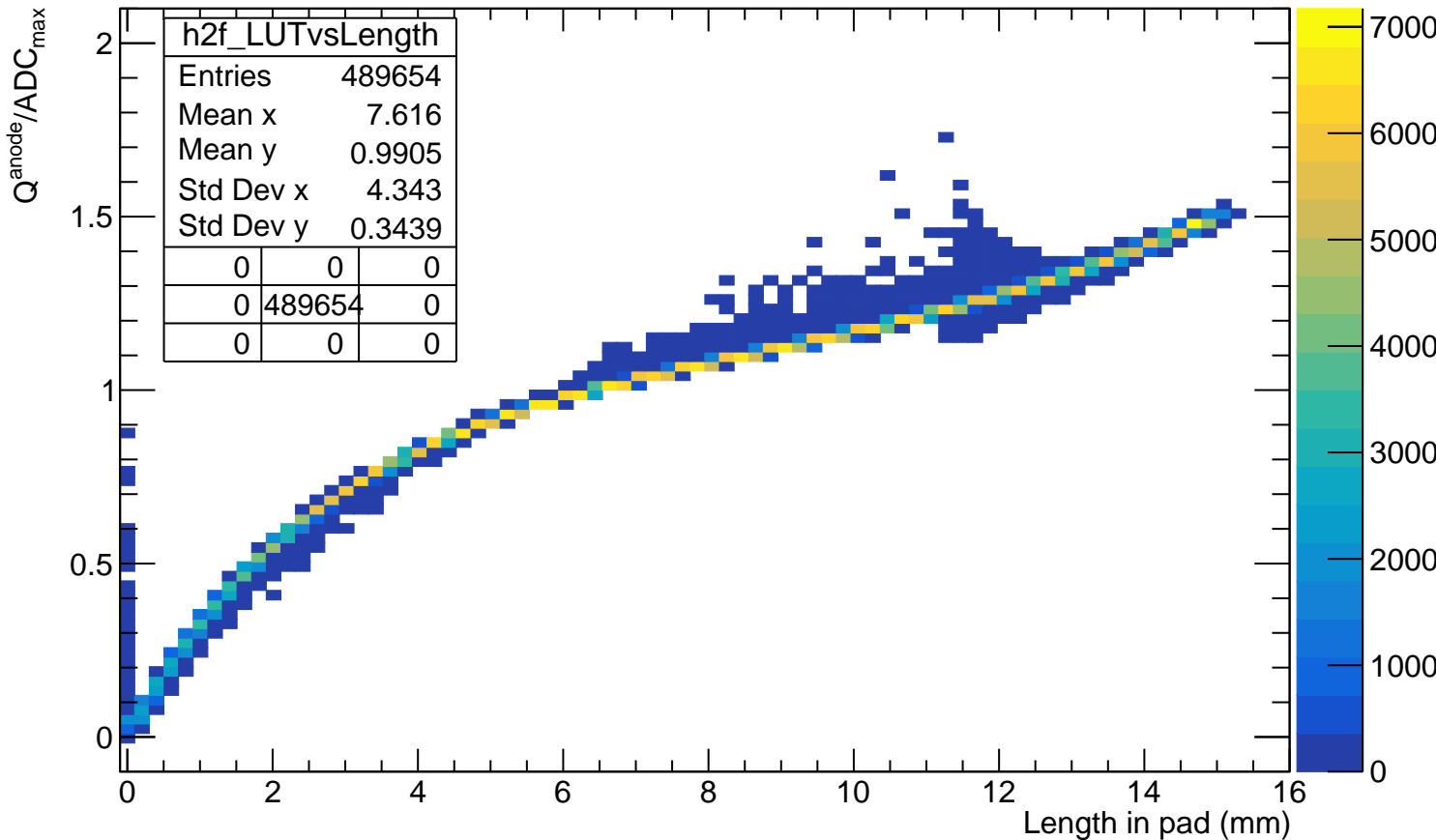
ADC_{max} VS length in pad (before length cut)



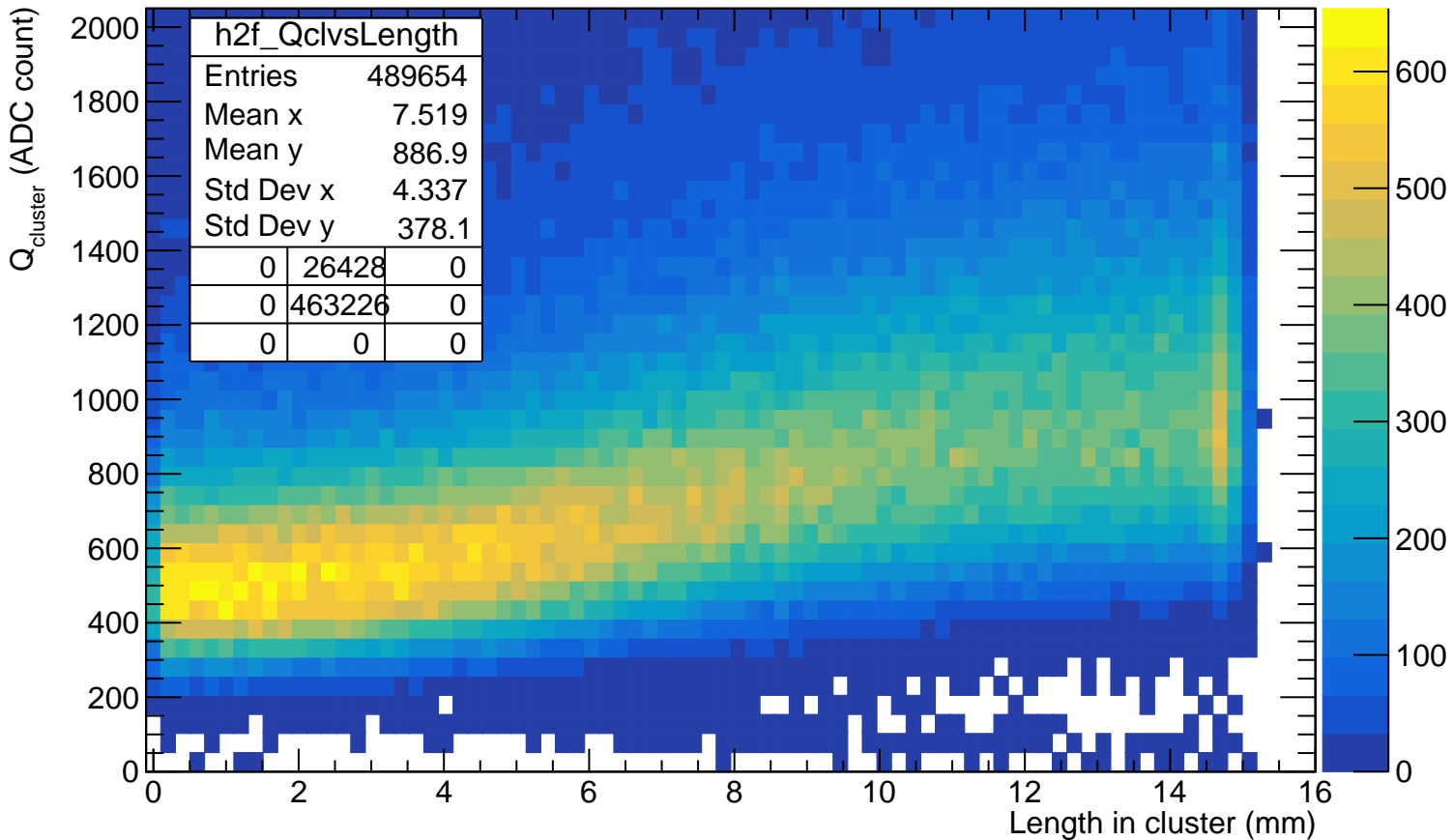
Q^{anode} VS length in pad (before length cut)



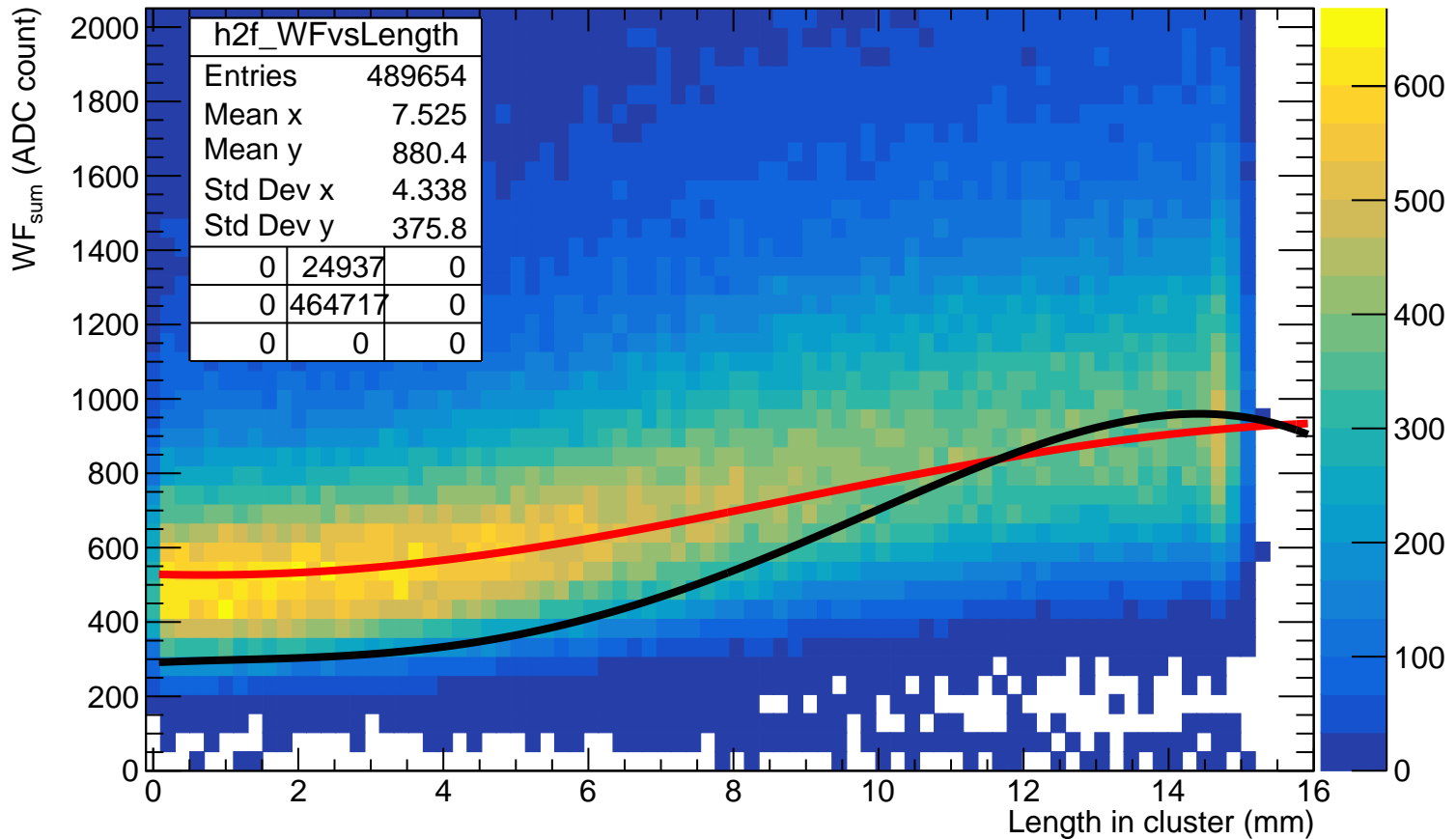
$Q^{\text{anode}}/\text{ADC}_{\text{max}}$ VS length in pad (before length cut)



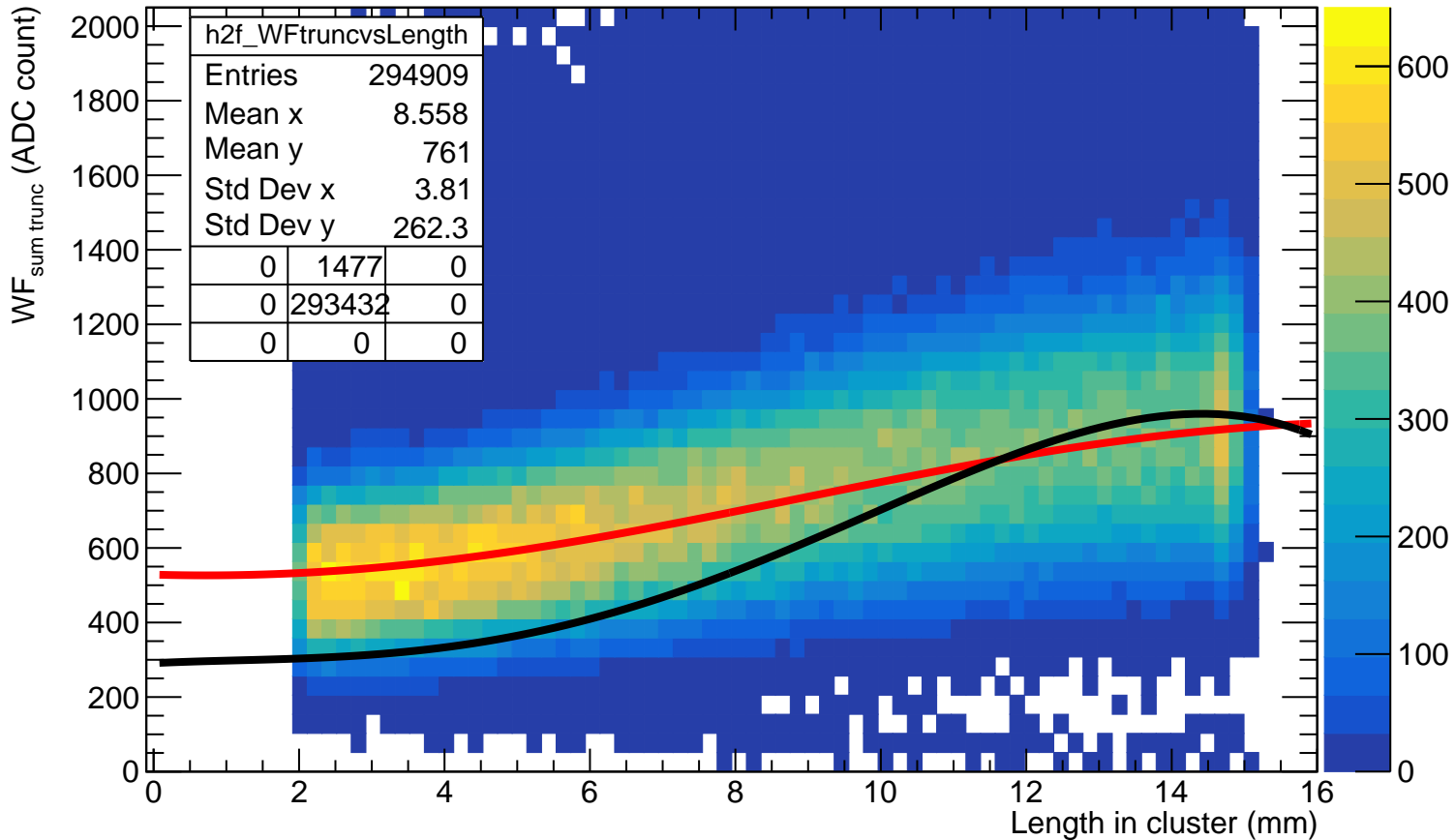
Q_{cluster} VS length in cluster



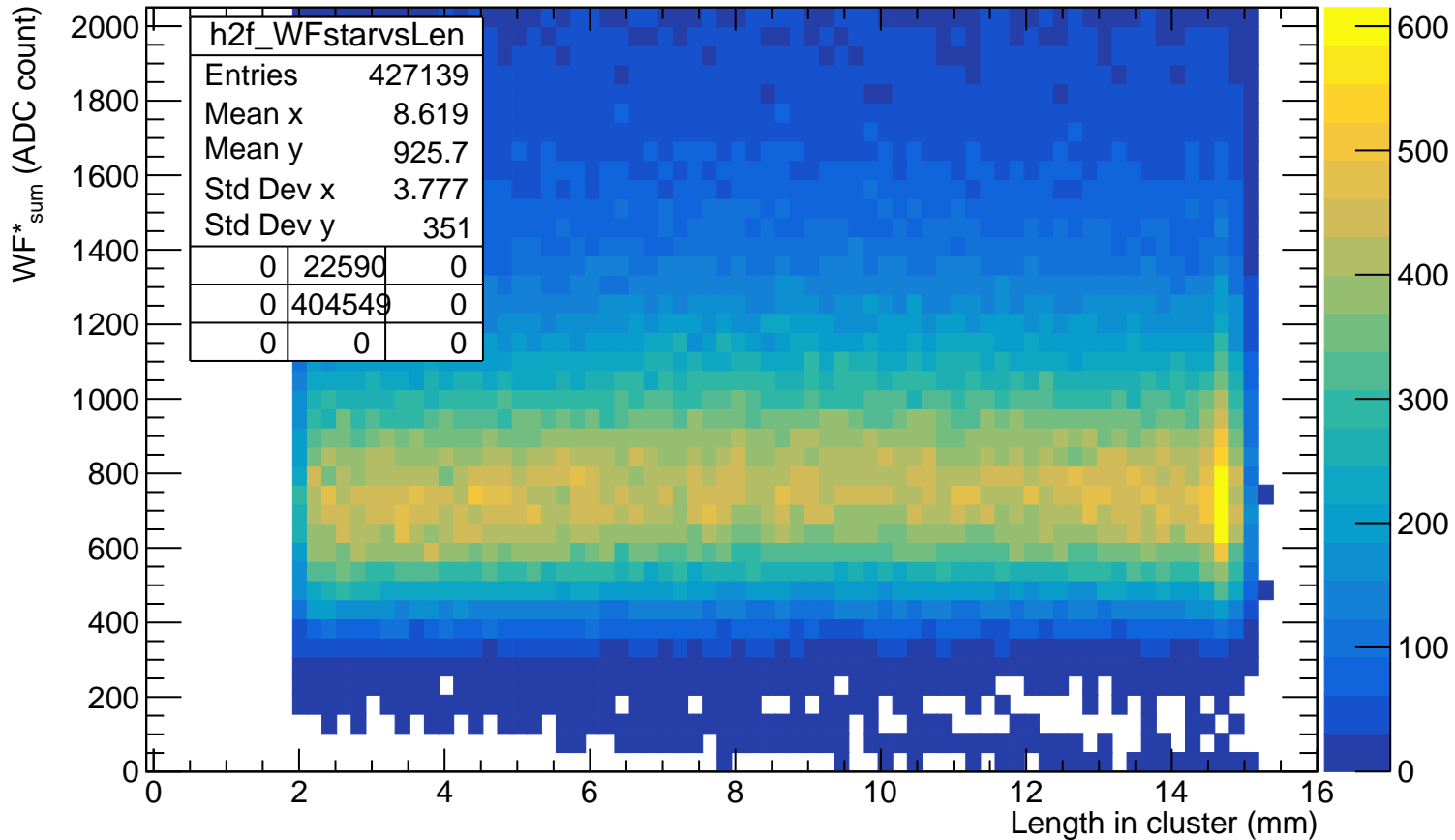
WF_{sum} VS length in cluster



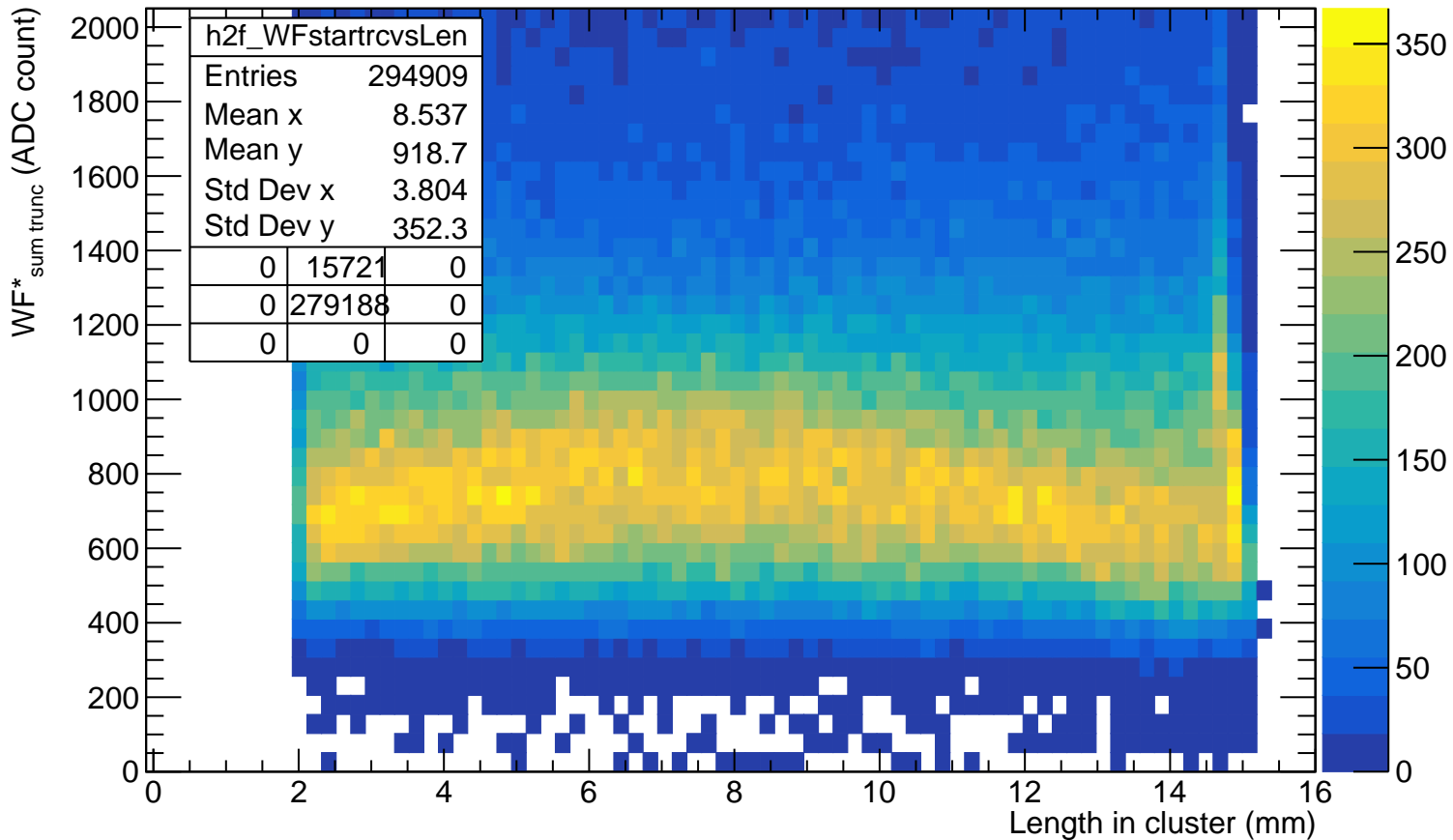
WF_{sum truncated} VS length in cluster



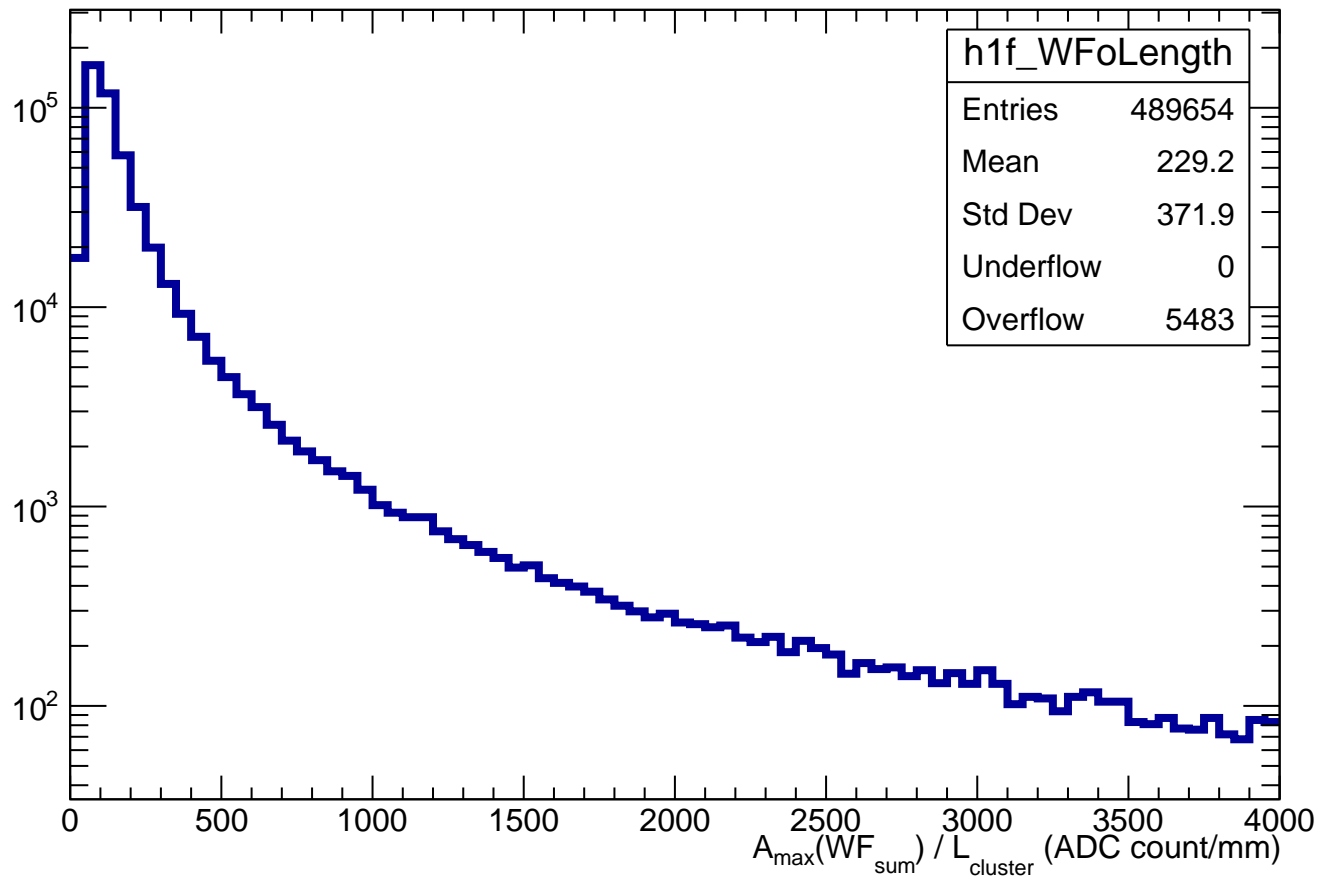
WF_{sum}* VS length in cluster



WF*_{sum truncated} VS length in cluster



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



impact parameter d vs length in pad

