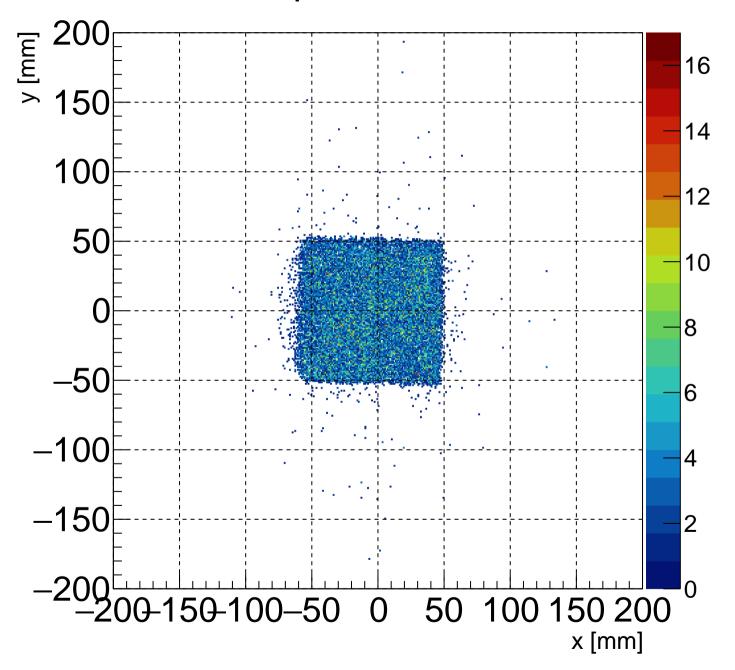
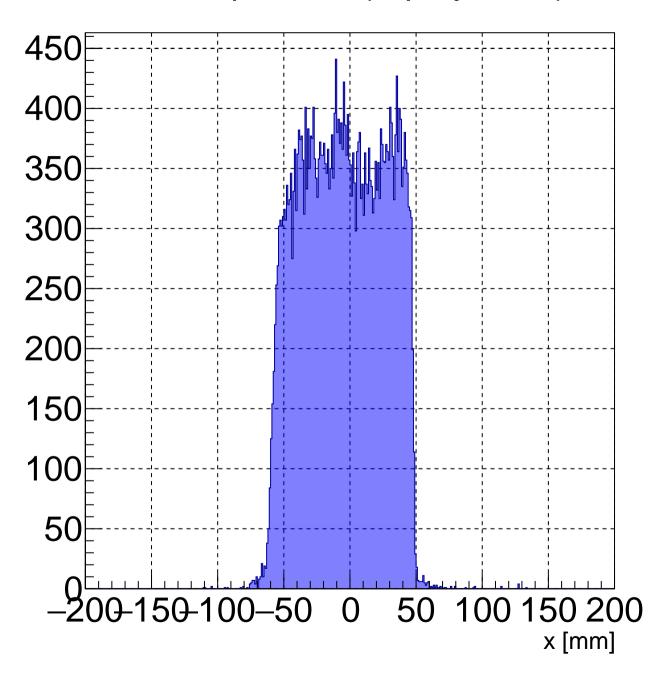
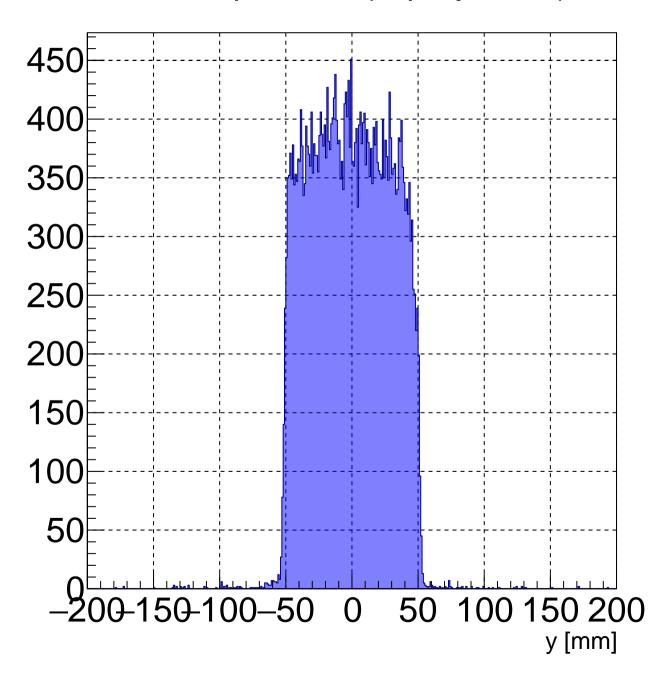
# Track position at UTOF



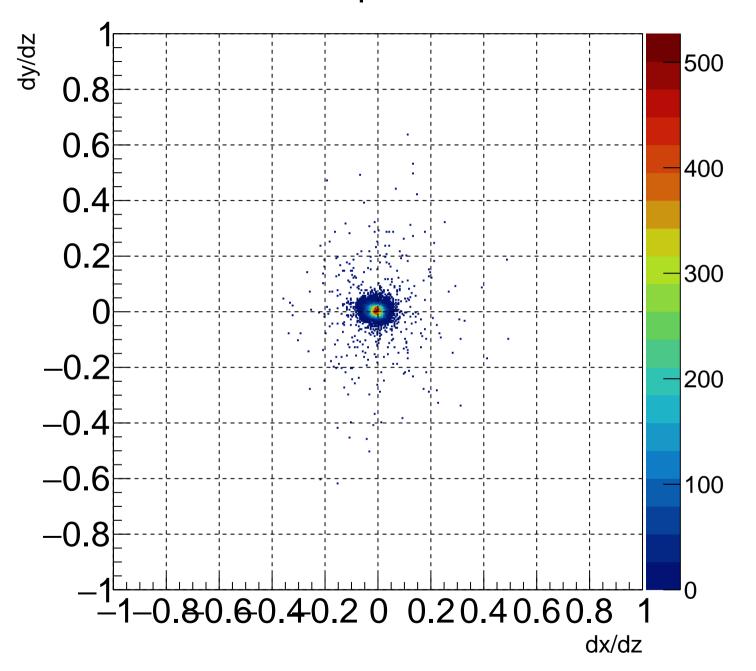
## Track position (X projection)



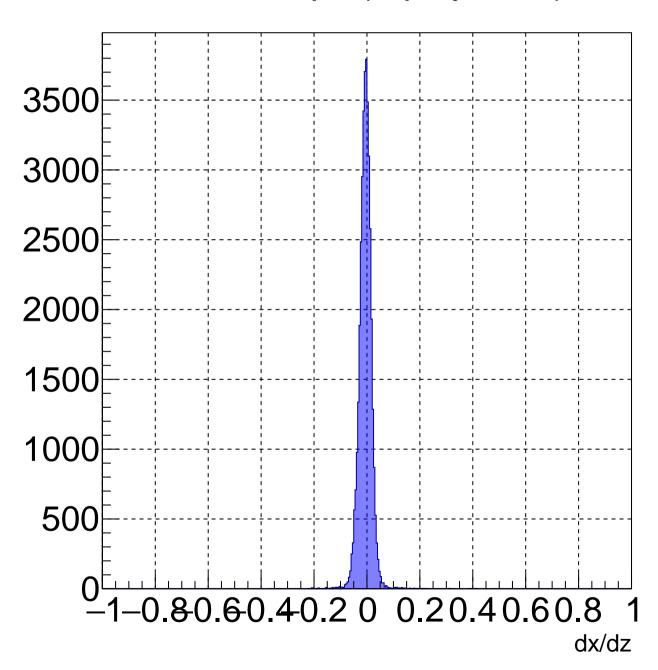
# Track position (Y projection)



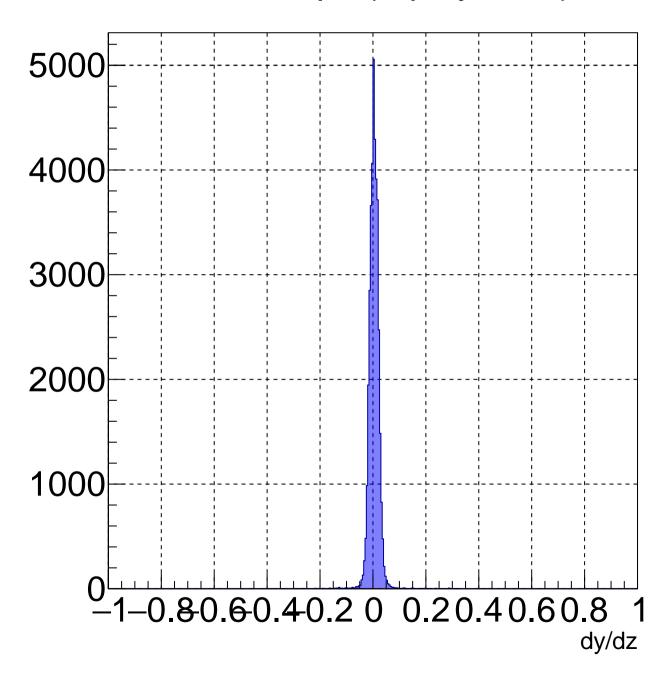
## Track slope at UTOF



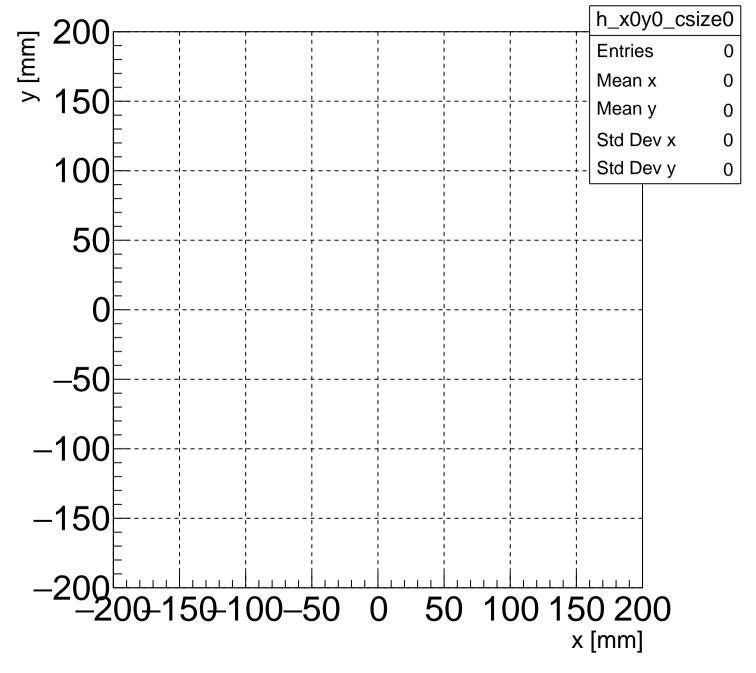
# Track slope (X projection)



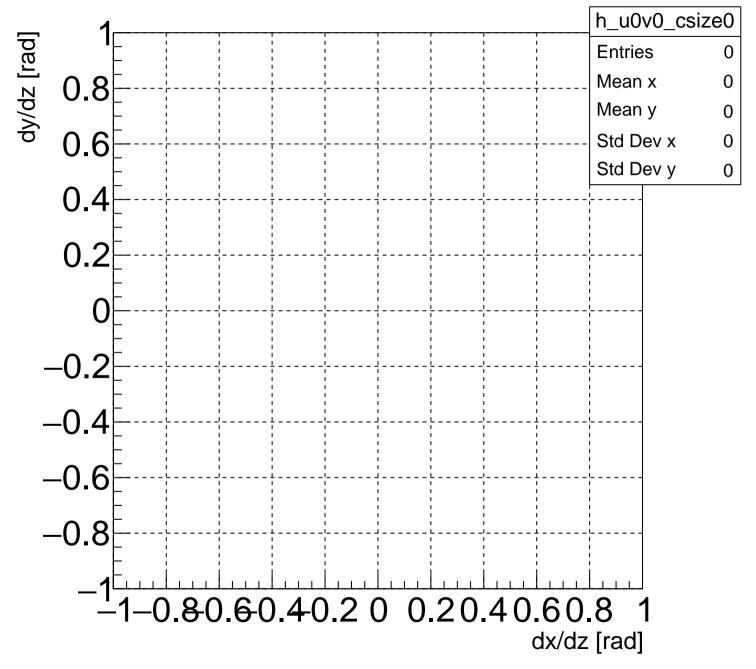
# Track slope (Y projection)



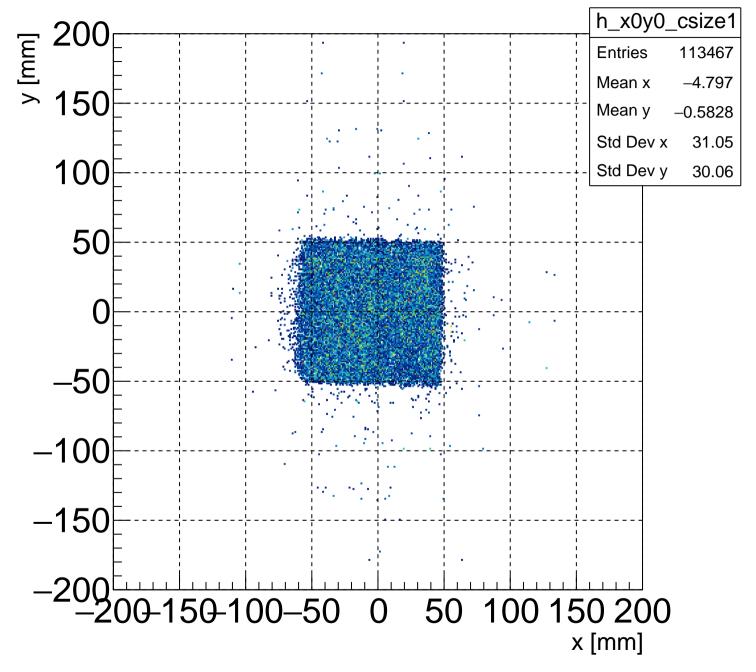
Track position at UTOF (cluster size=0)



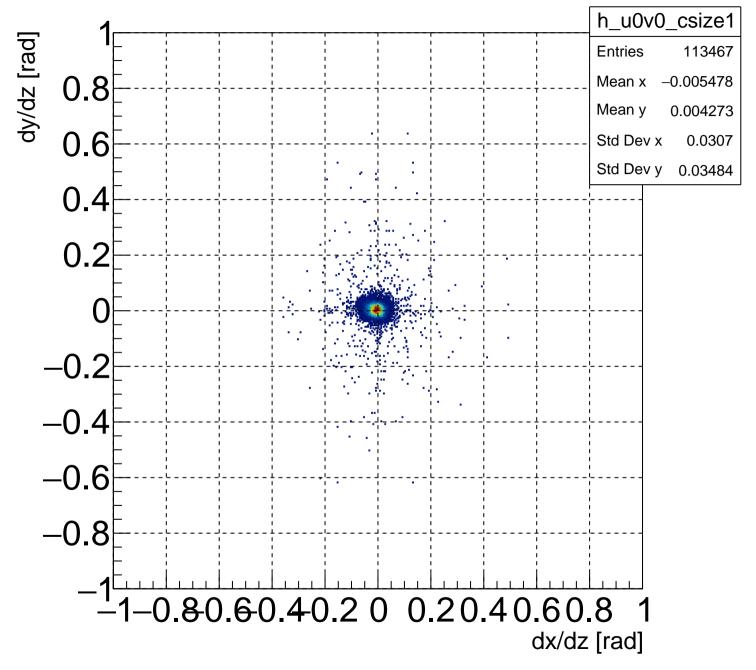
Track slope at UTOF (cluster size=0)



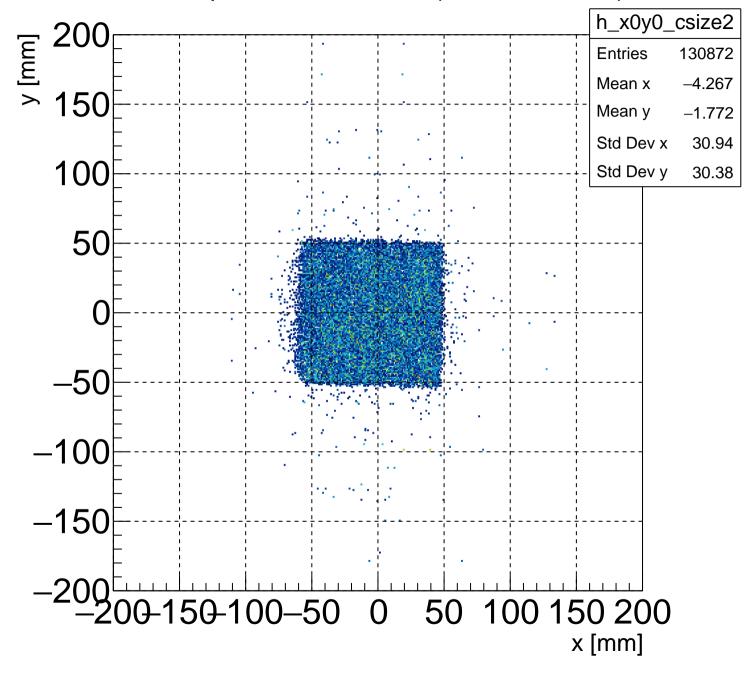
### Track position at UTOF (cluster size=1)



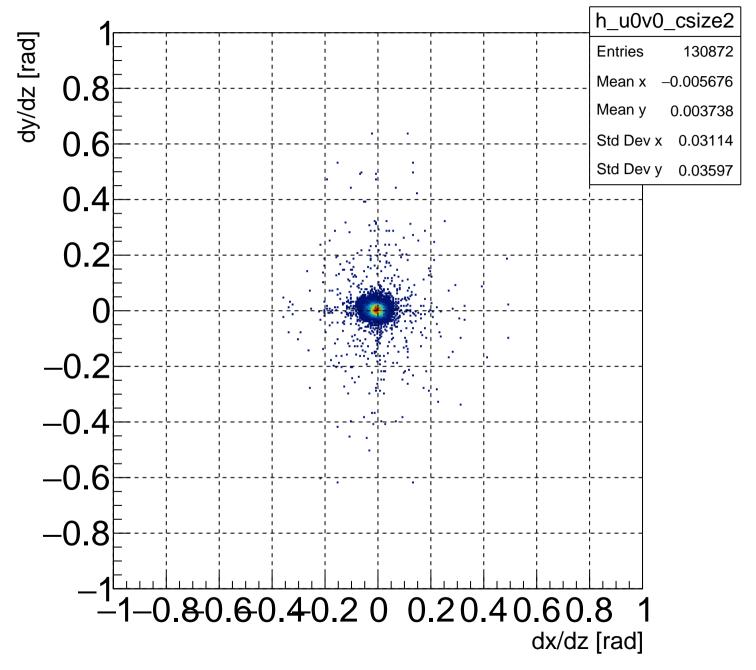
### Track slope at UTOF (cluster size=1)



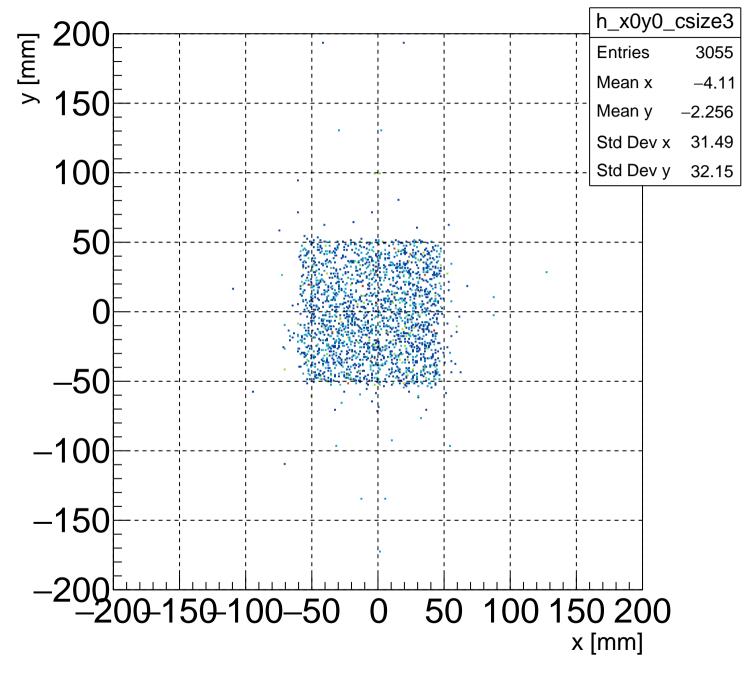
#### Track position at UTOF (cluster size=2)



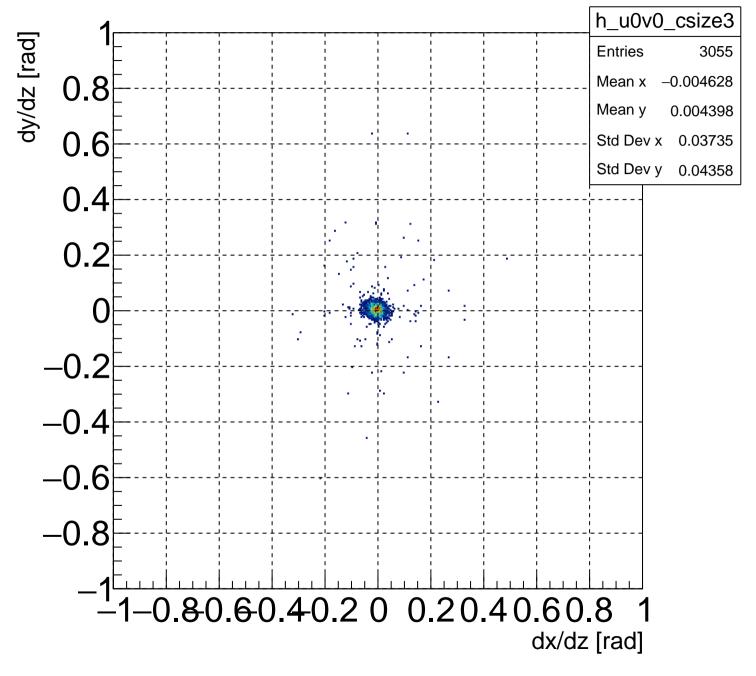
Track slope at UTOF (cluster size=2)



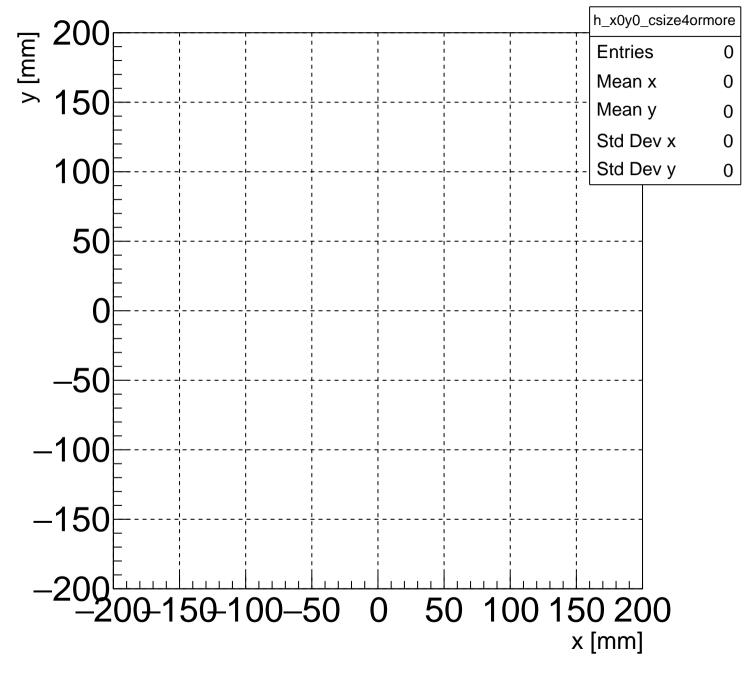
### Track position at UTOF (cluster size=3)



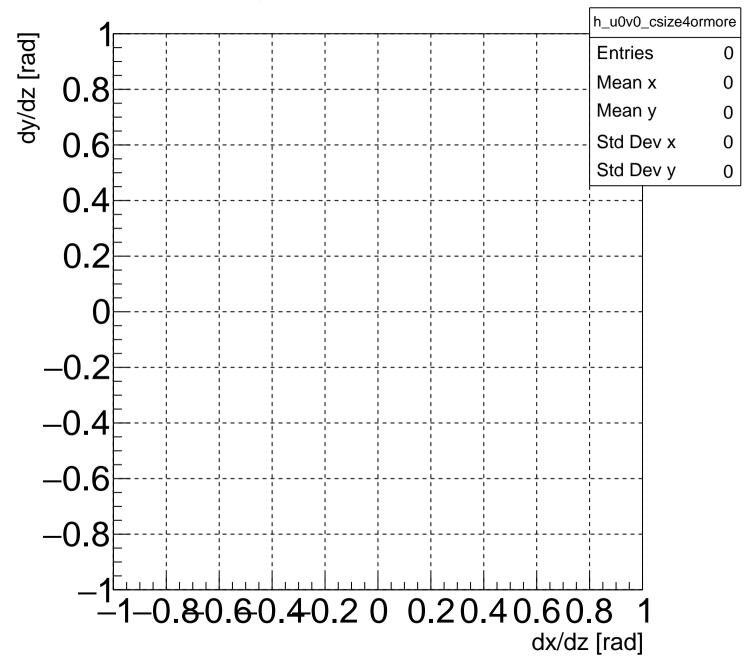
Track slope at UTOF (cluster size=3)



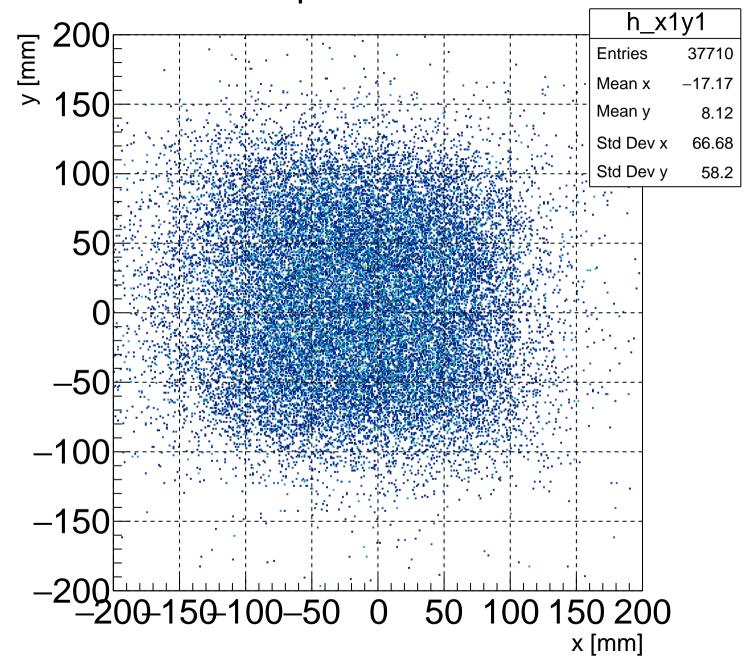
Track position at UTOF (cluster size>3)



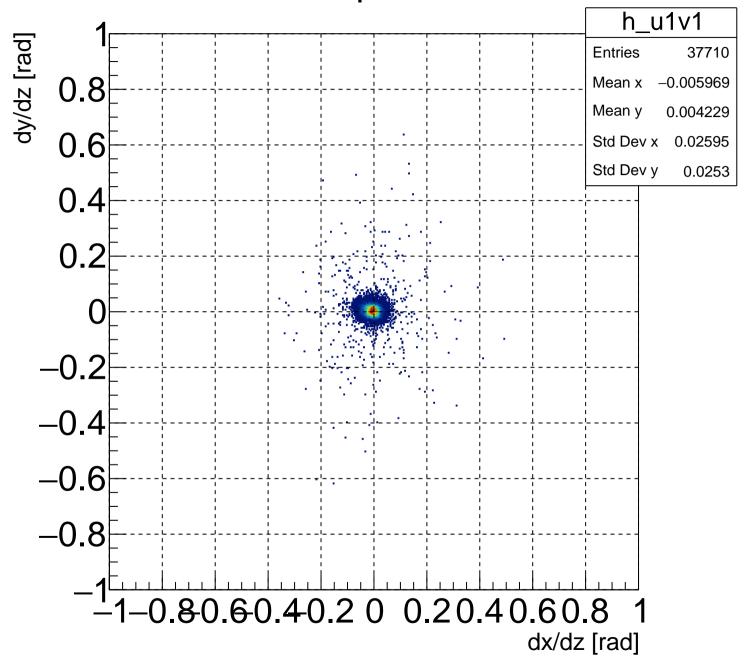
Track slope at UTOF (cluster size>3)



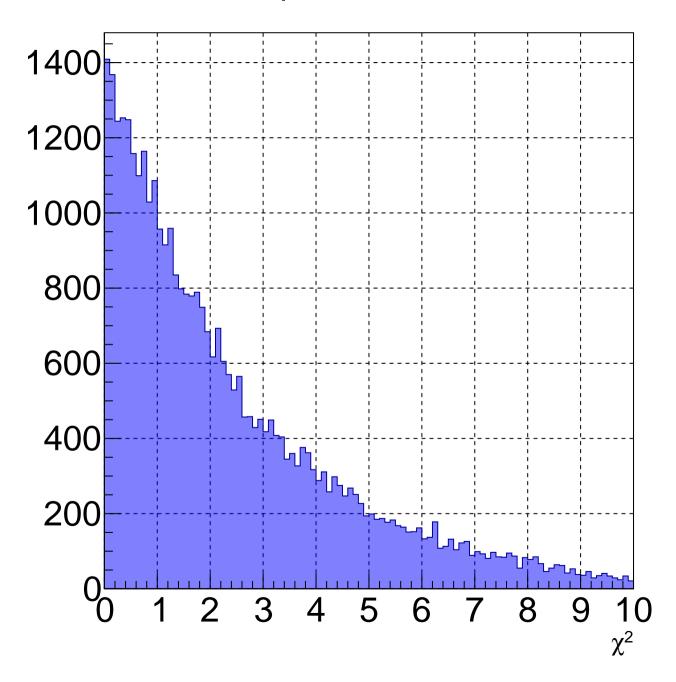
Track position at LTOF



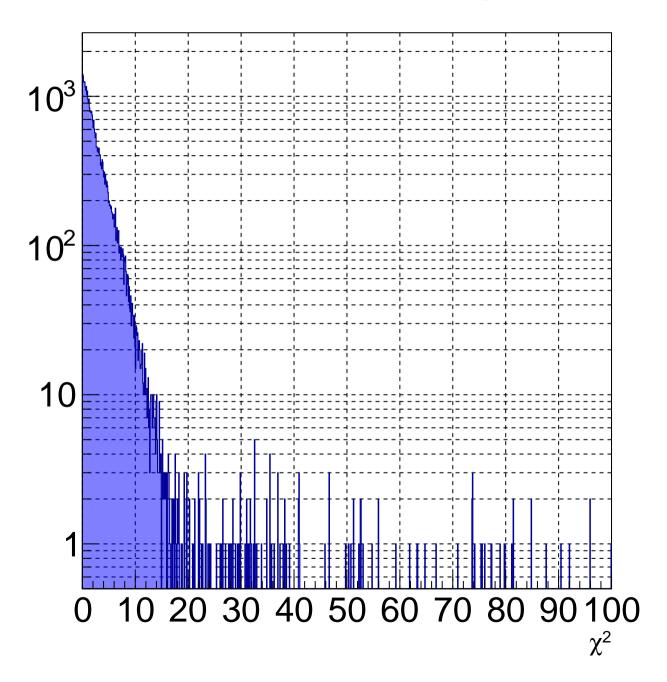
Track slope at LTOF



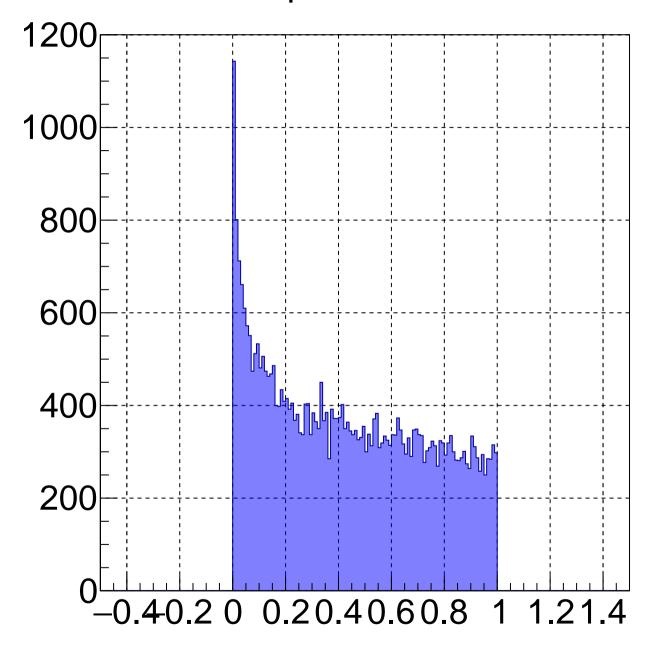
# chi square of all tracks

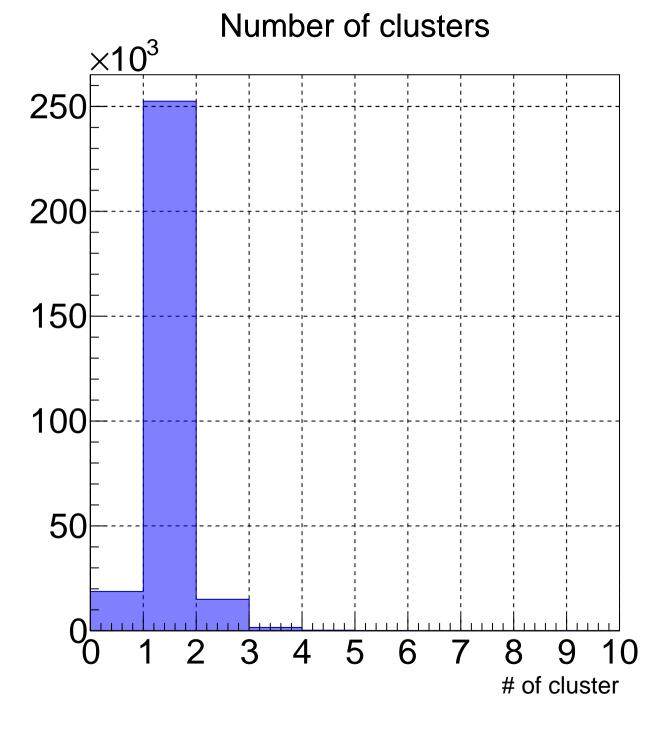


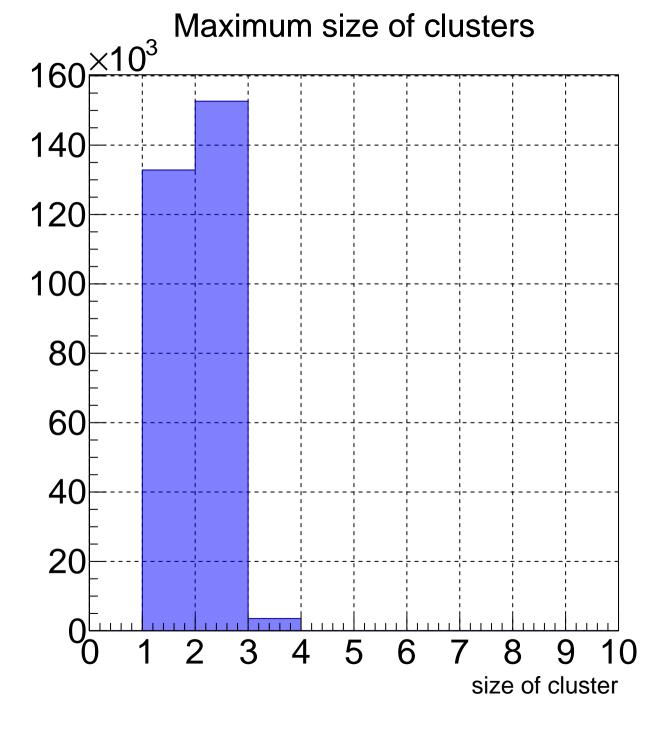
## chi square of all tracks (log scale)



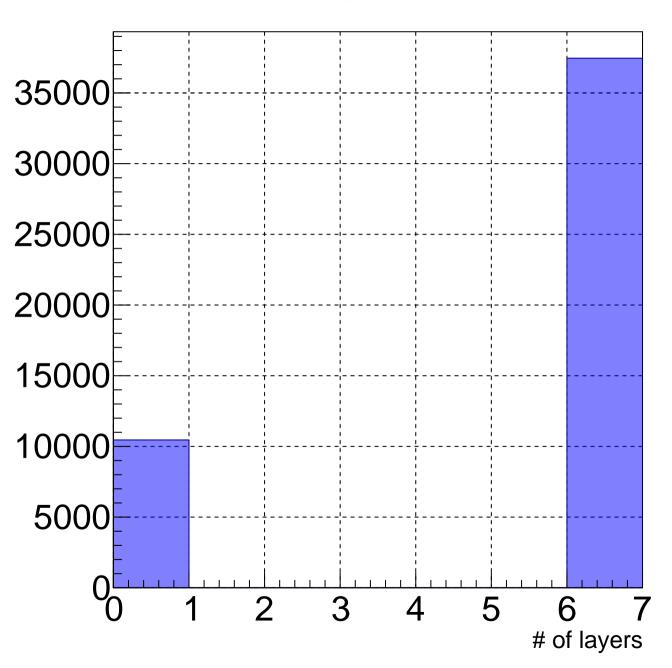
## chi square after Prob

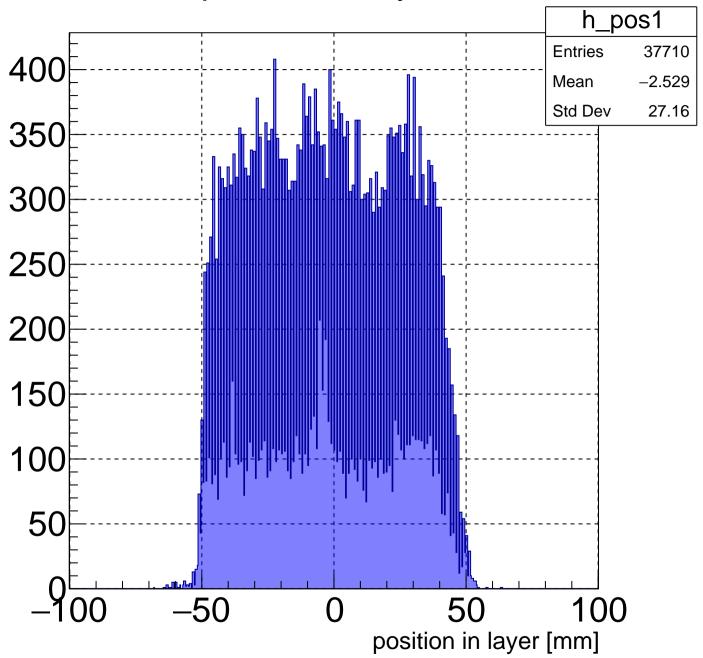


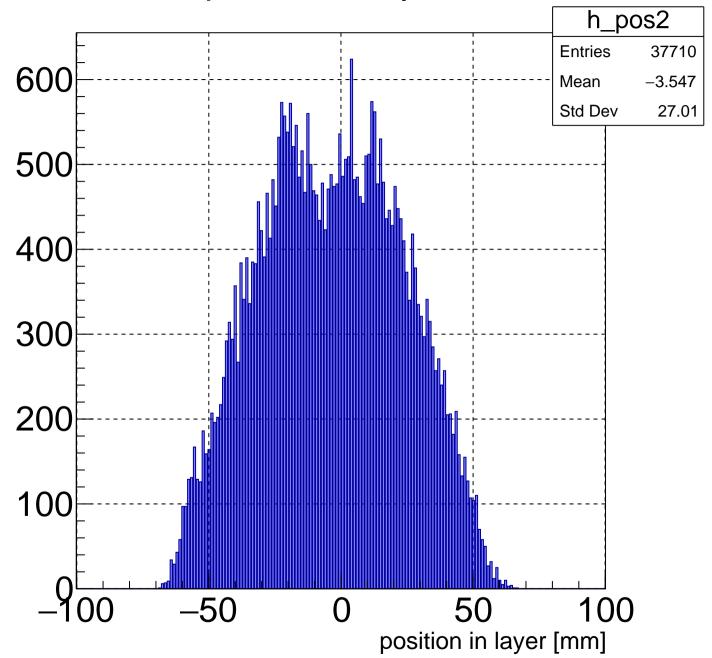


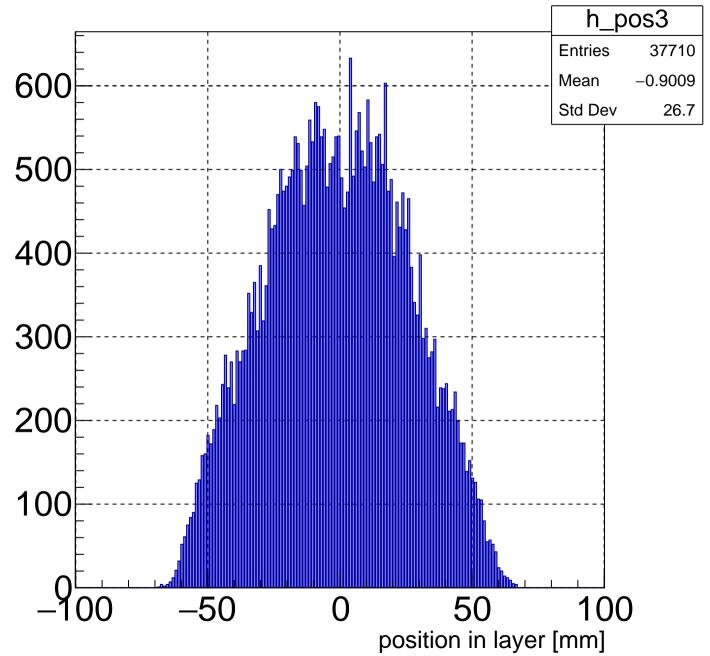


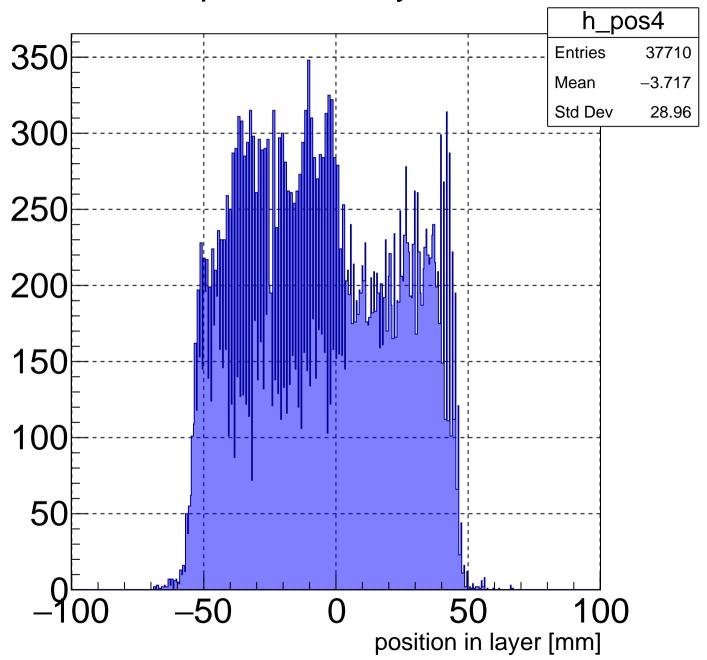
# # of hit layers per track

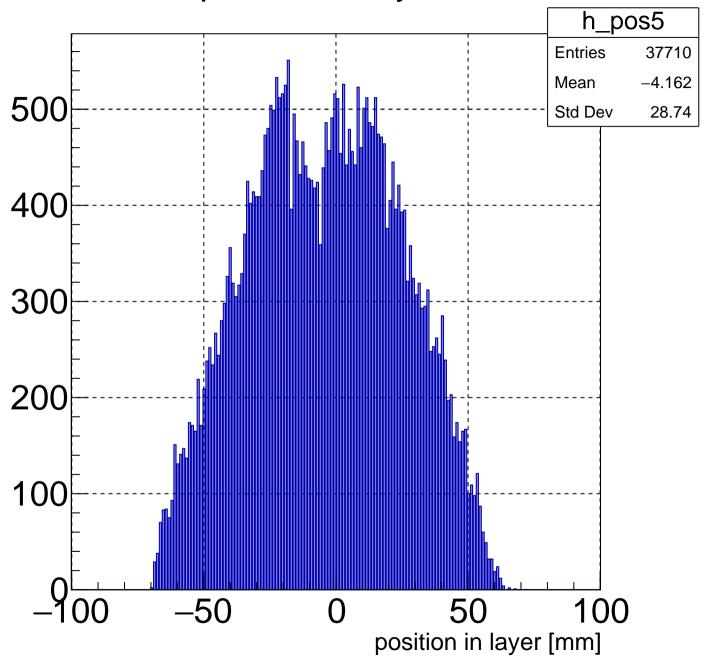


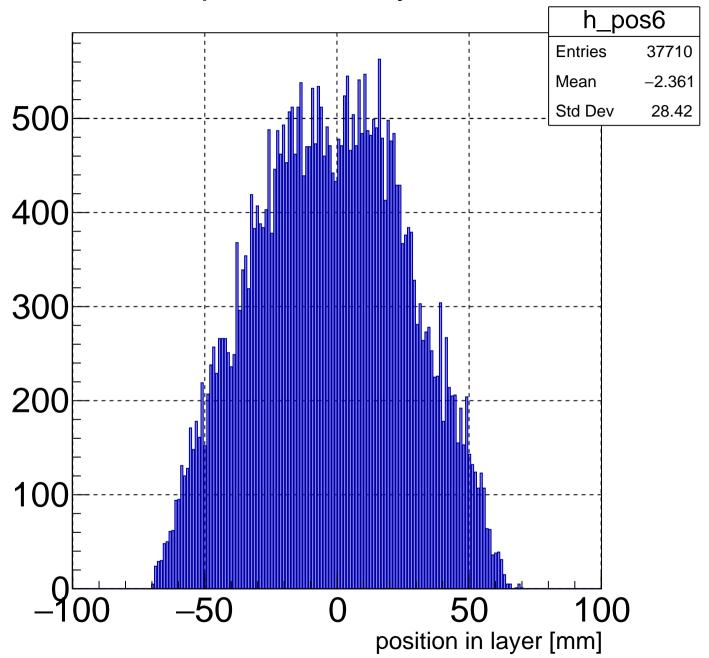


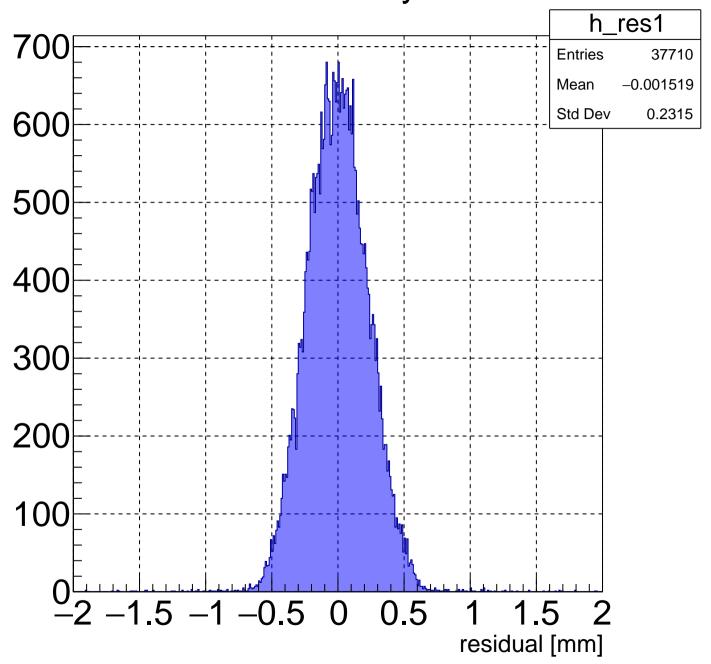


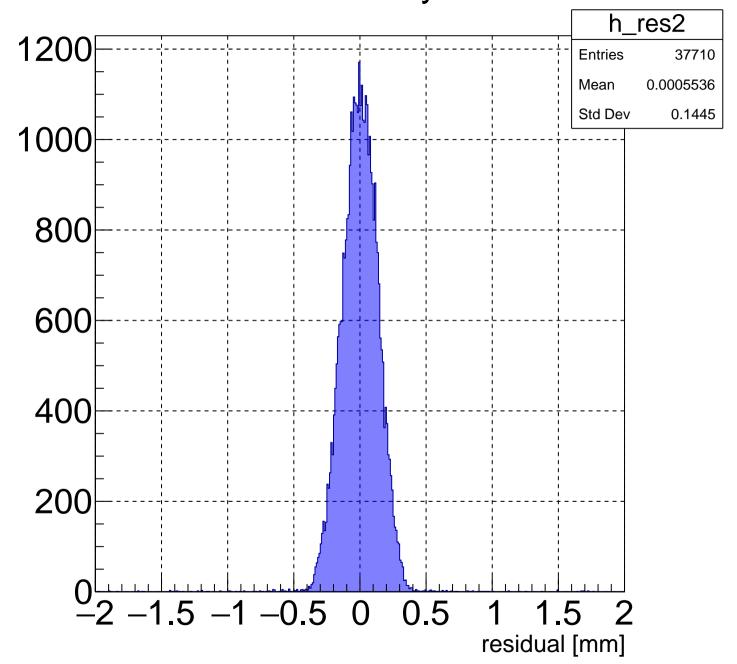


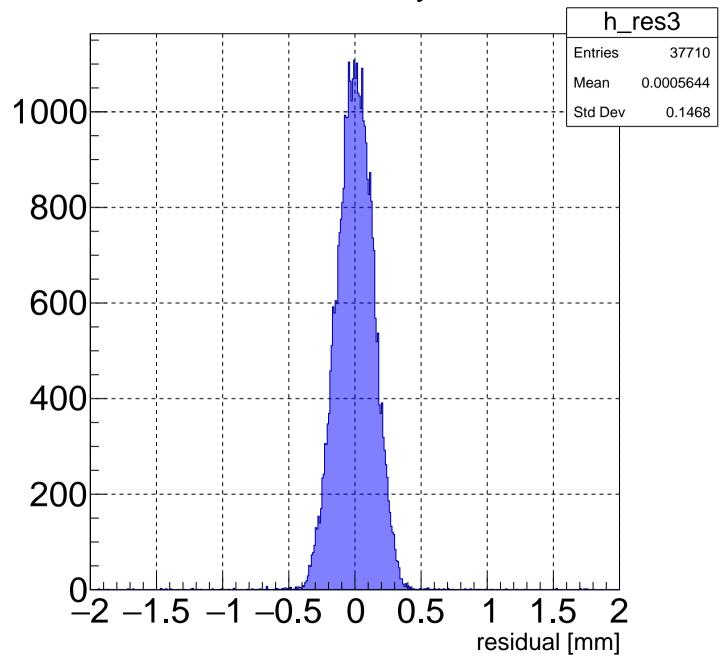


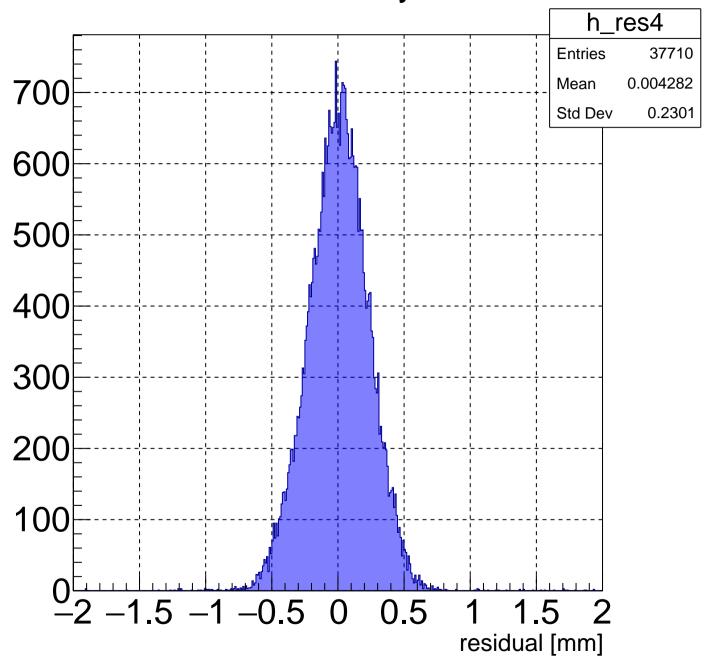


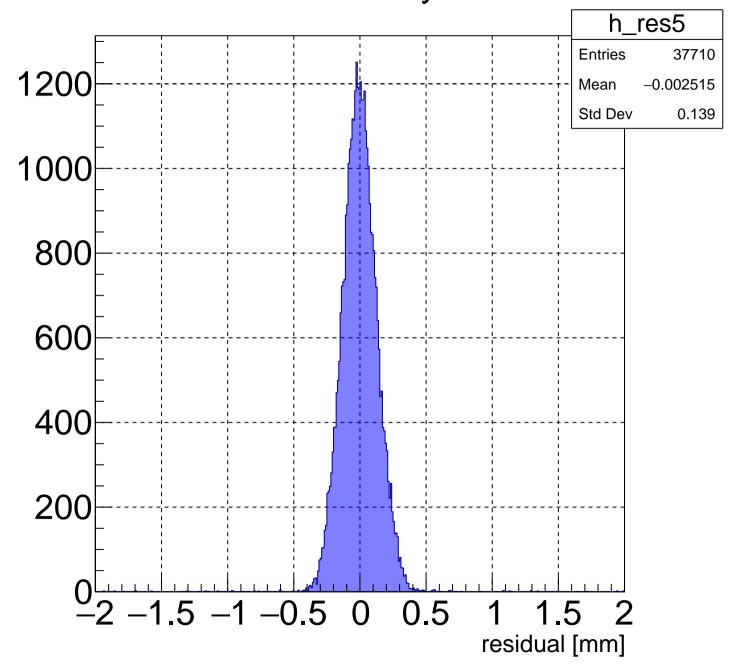


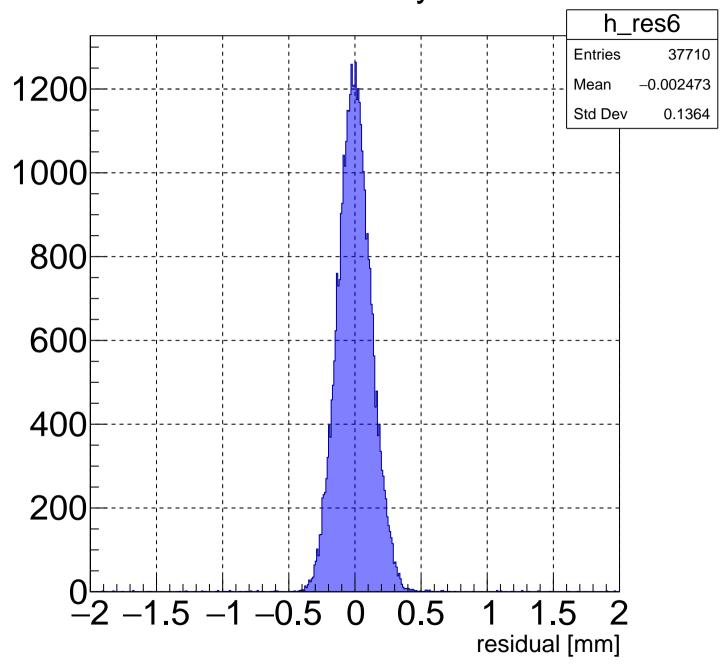


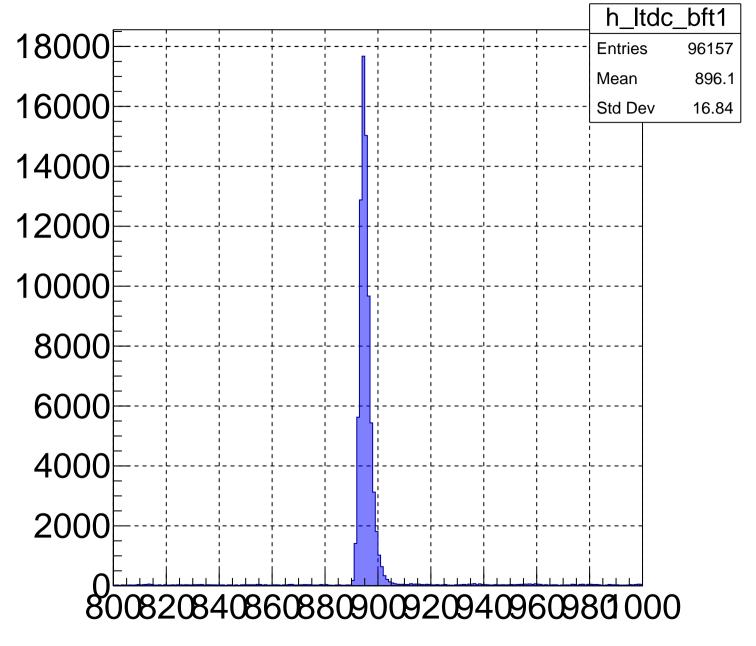


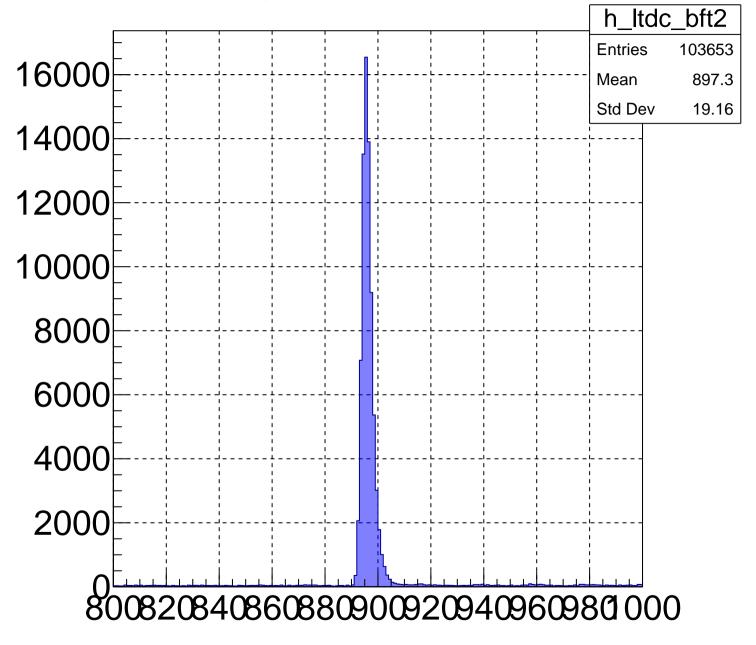


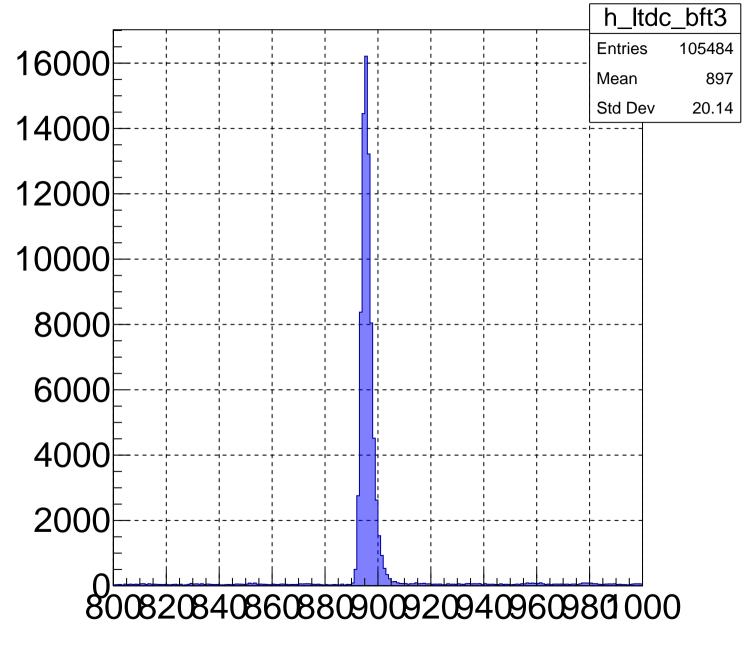


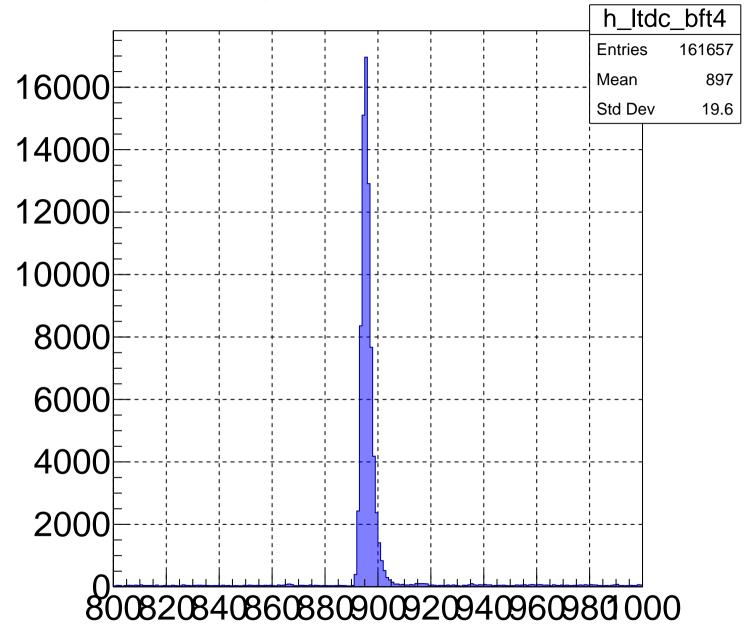


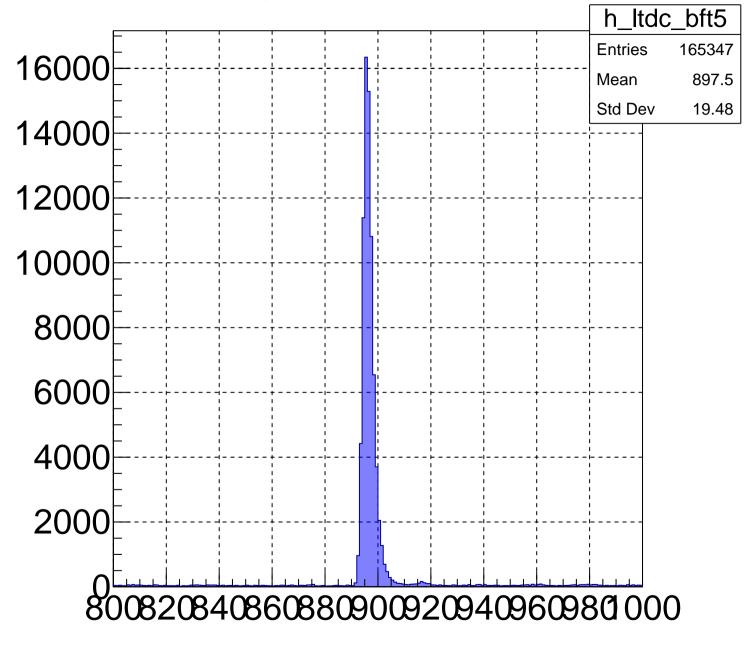


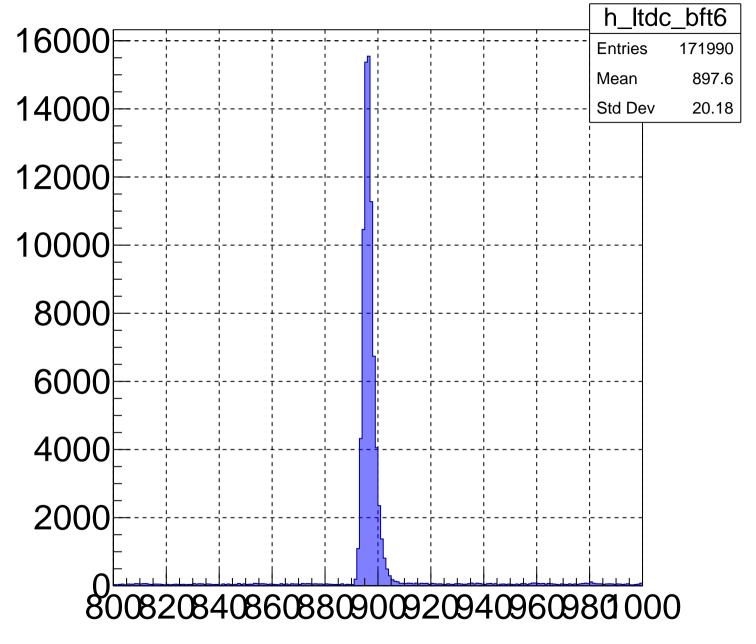


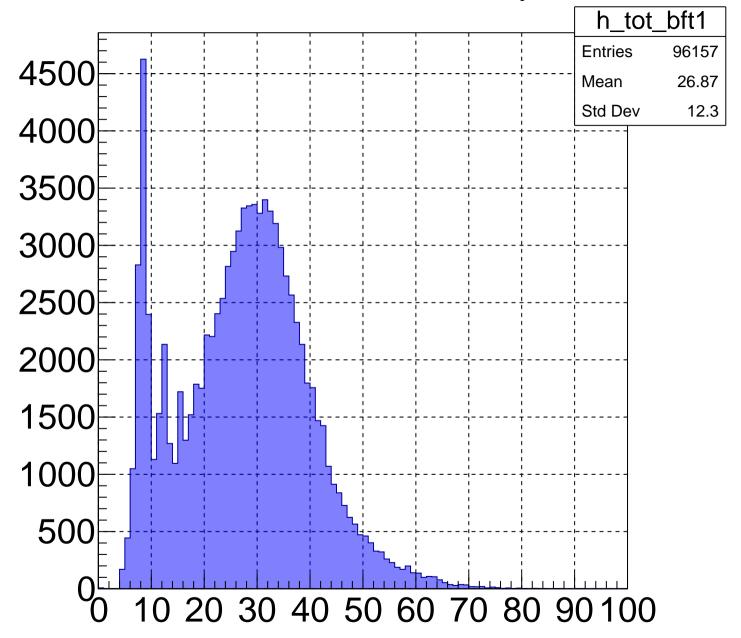


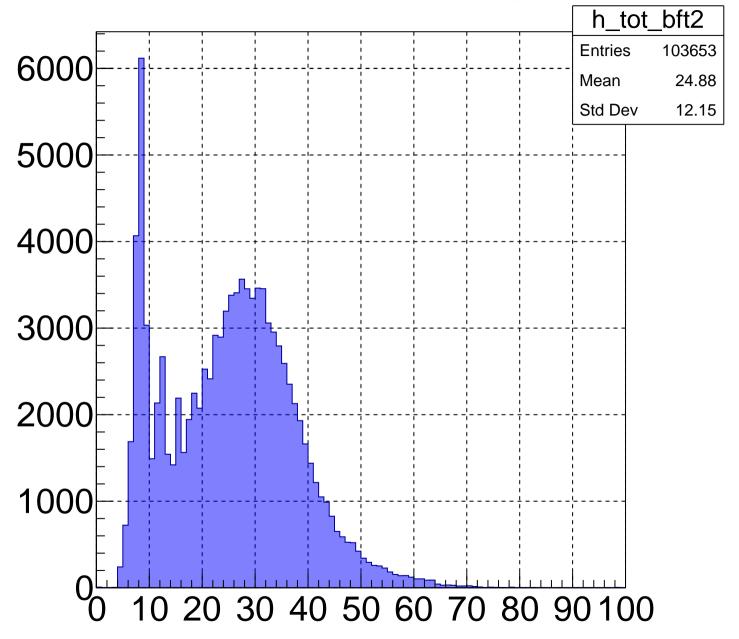


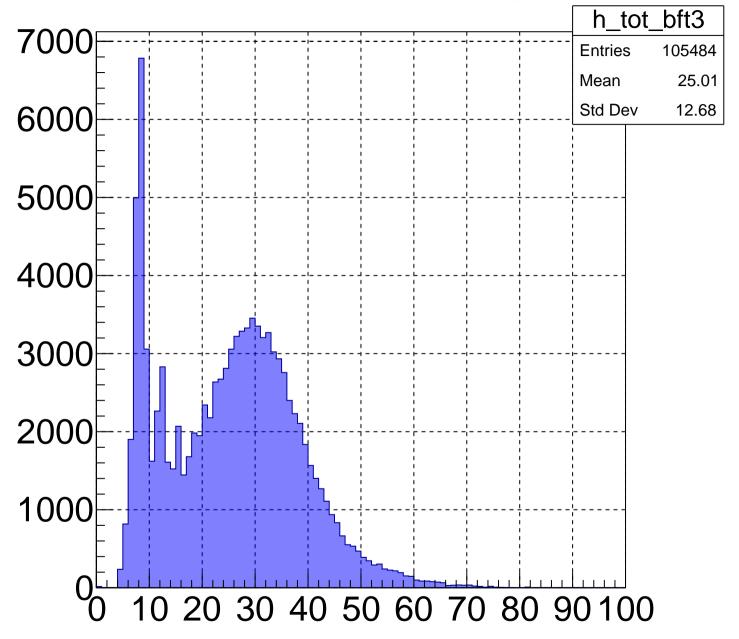


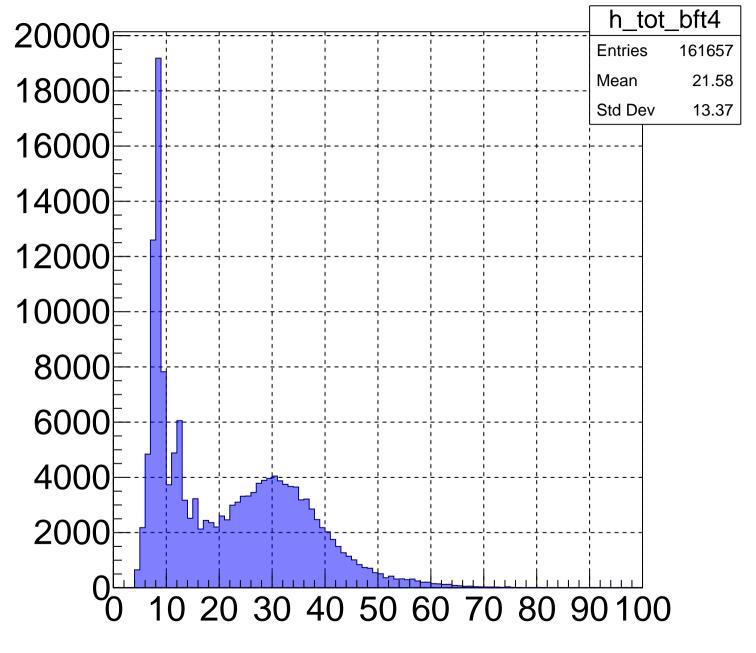


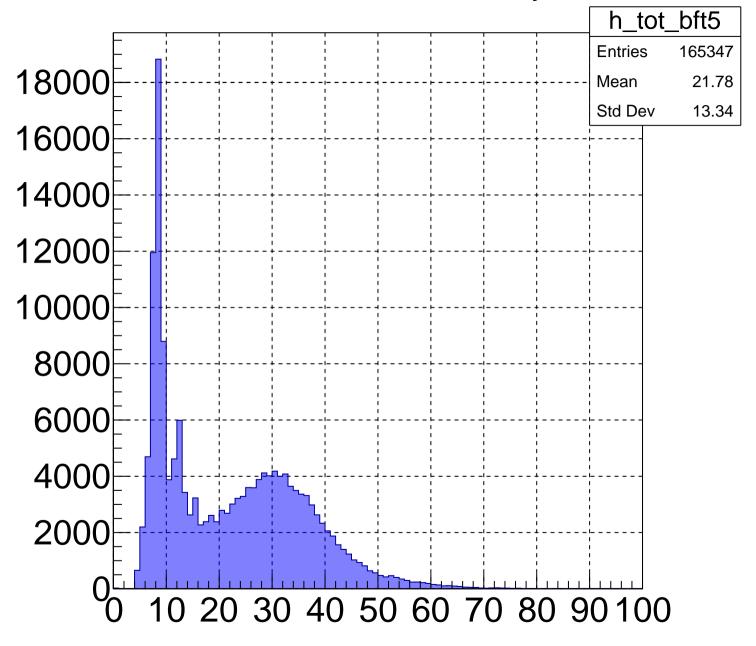


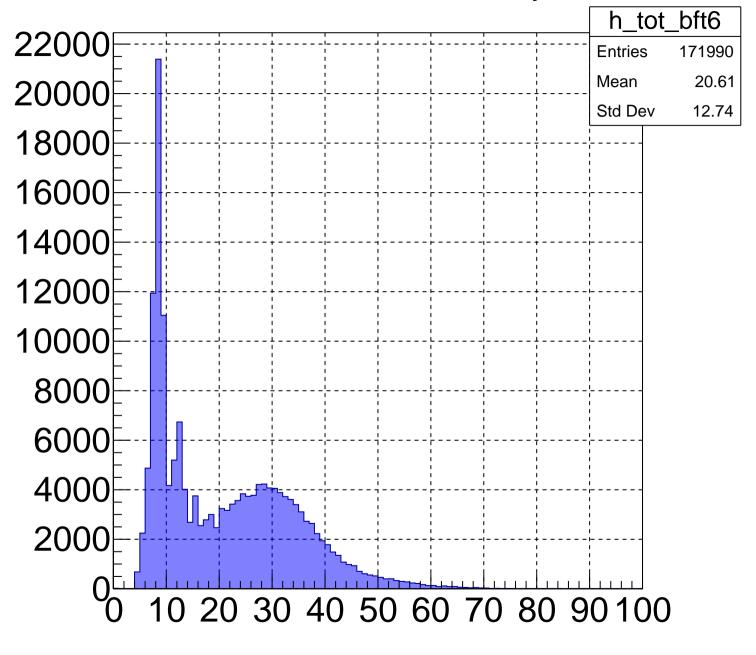






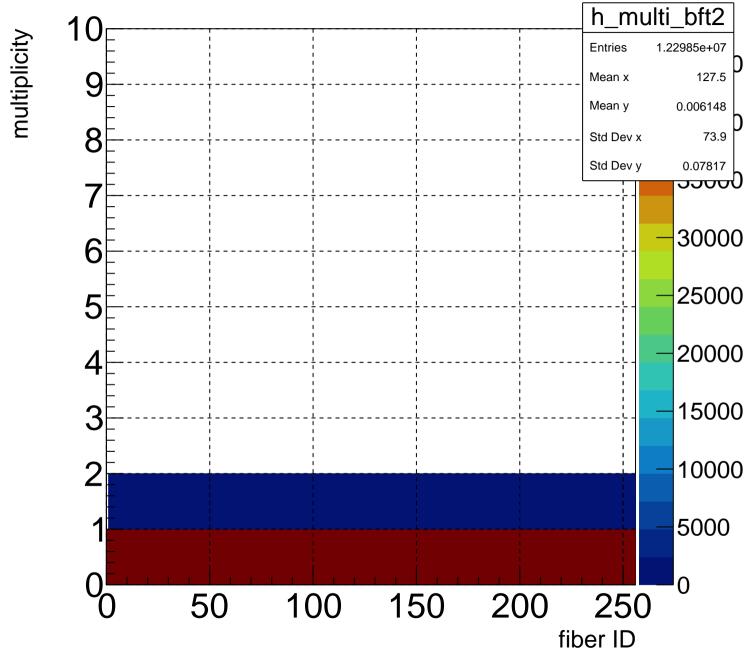






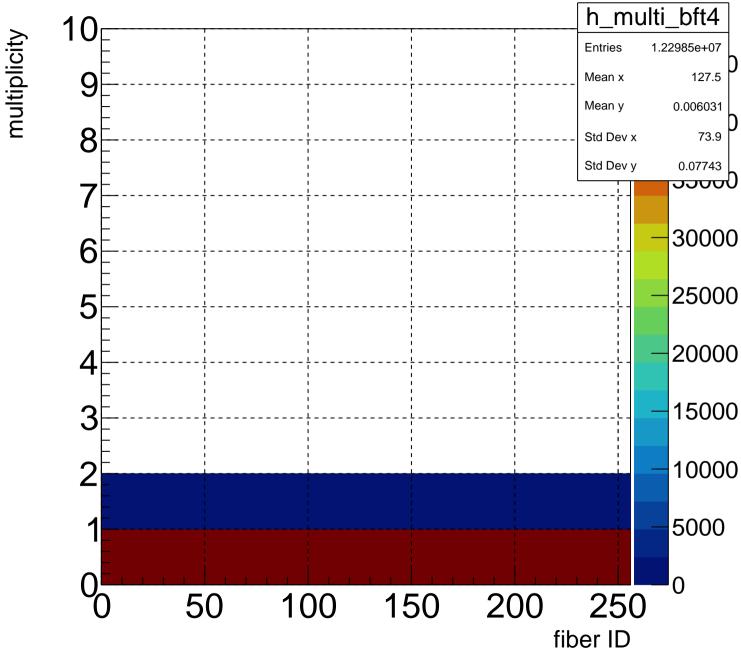
Multiplicity of layer 1 h\_multi\_bft1 10 multiplicity 1.22985e+07 **Entries** 127.5 Mean x Mean y 0.006139 Std Dev x 73.9 Std Dev y 0.07812 030000 25000 20000 15000 10000 5000 50 100 200 250 150

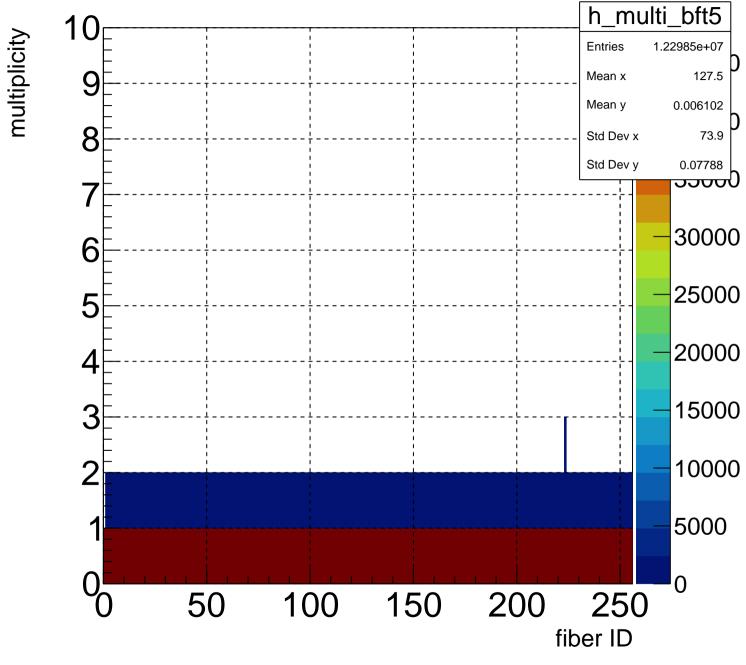
fiber ID

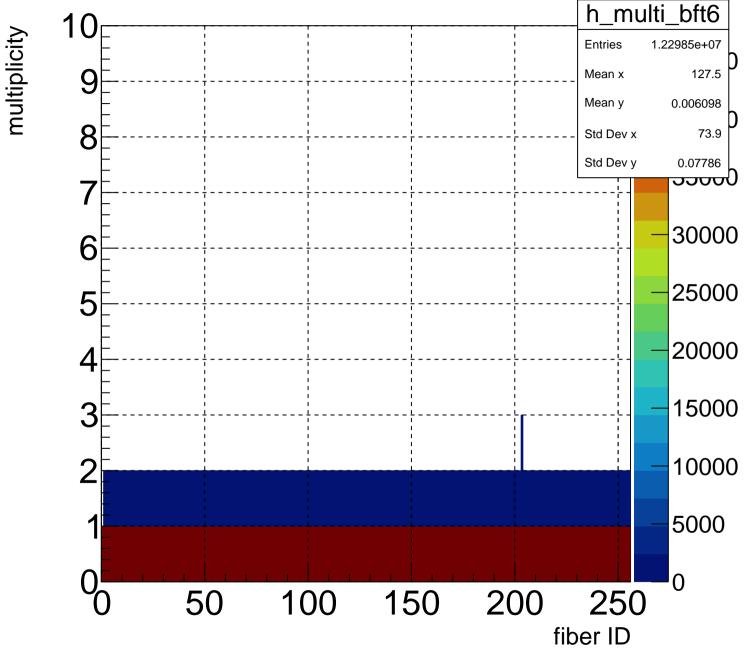


Multiplicity of layer 3 h\_multi\_bft3 10 multiplicity 1.22985e+07 **Entries** 127.5 Mean x Mean y 0.006086 Std Dev x 73.9 Std Dev y 0.07777  $\frac{1}{2}$ 30000 25000 20000 15000 10000 5000 50 200 100 150 250

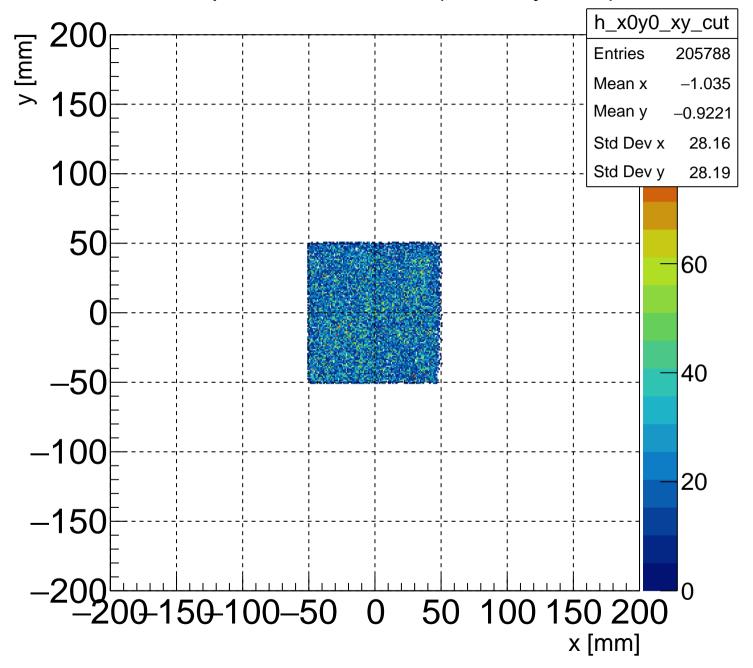
fiber ID



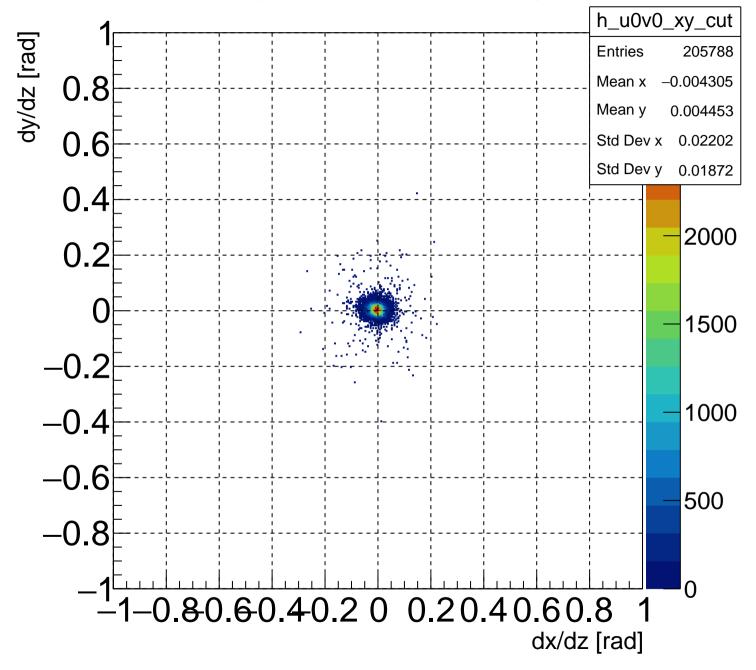




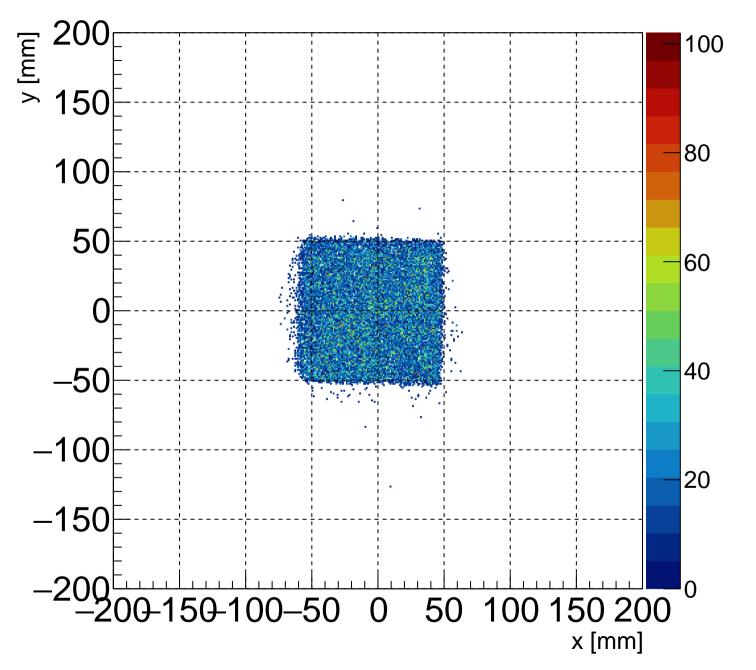
Track position at UTOF (with x0y0 cut)



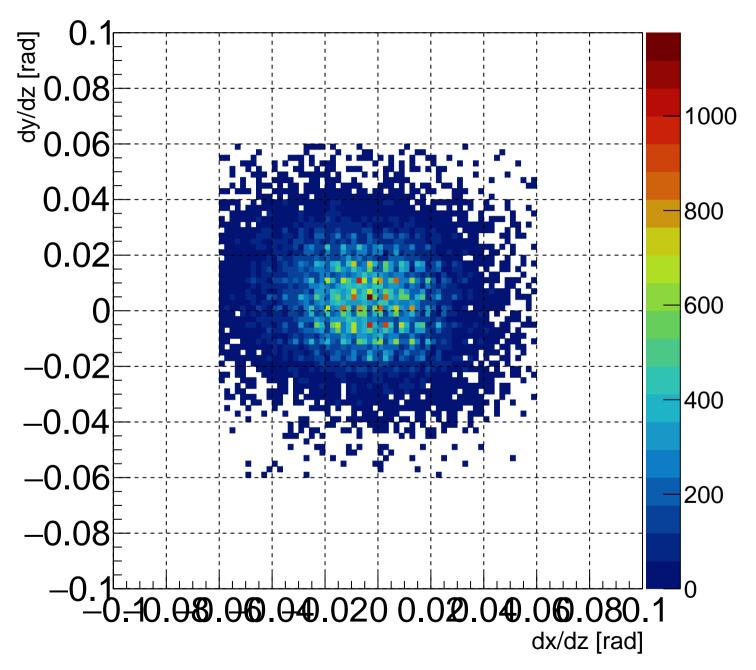
Track slope at UTOF (with x0y0 cut)



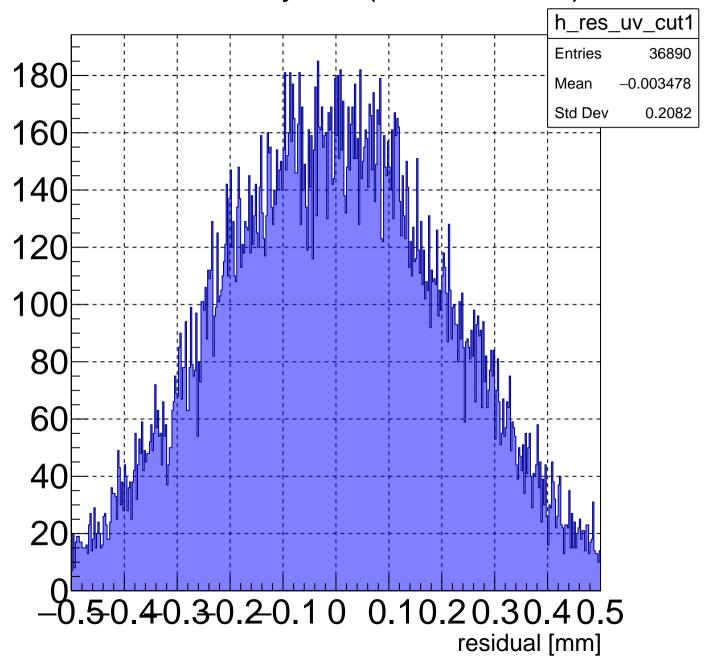
Track position at UTOF (with u0v0 cut)



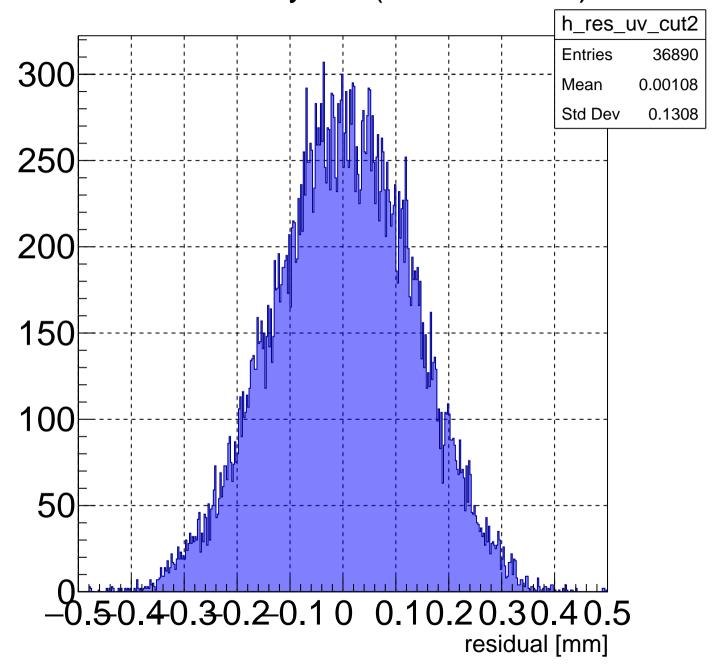
Track slope at UTOF (with u0v0 cut)



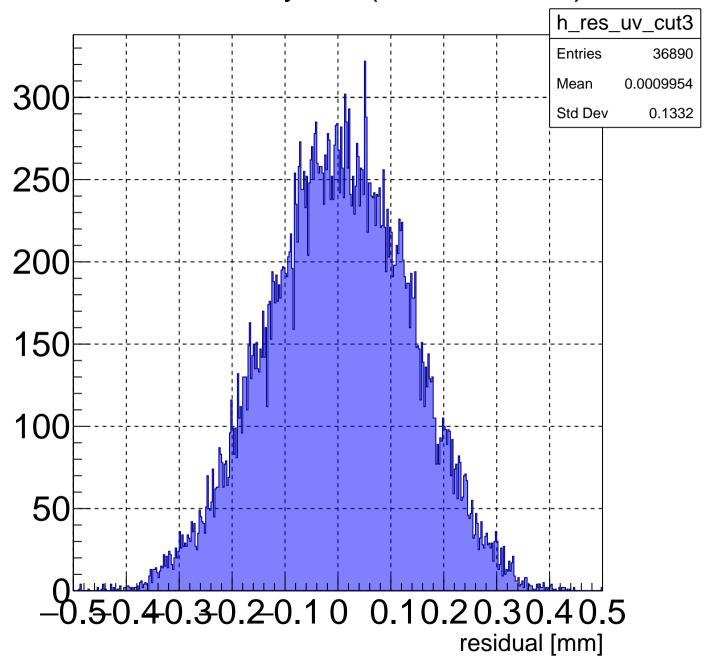
#### residual of layer 1 (with u0v0 cut)



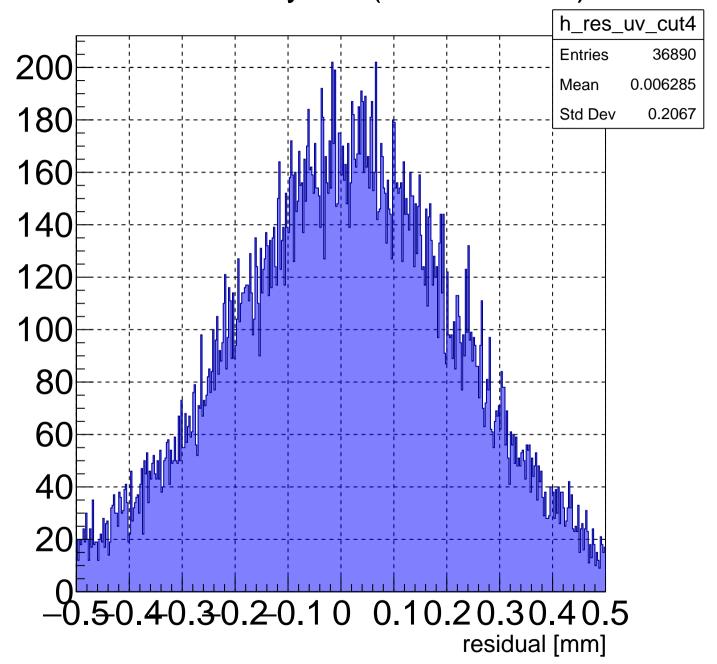
#### residual of layer 2 (with u0v0 cut)



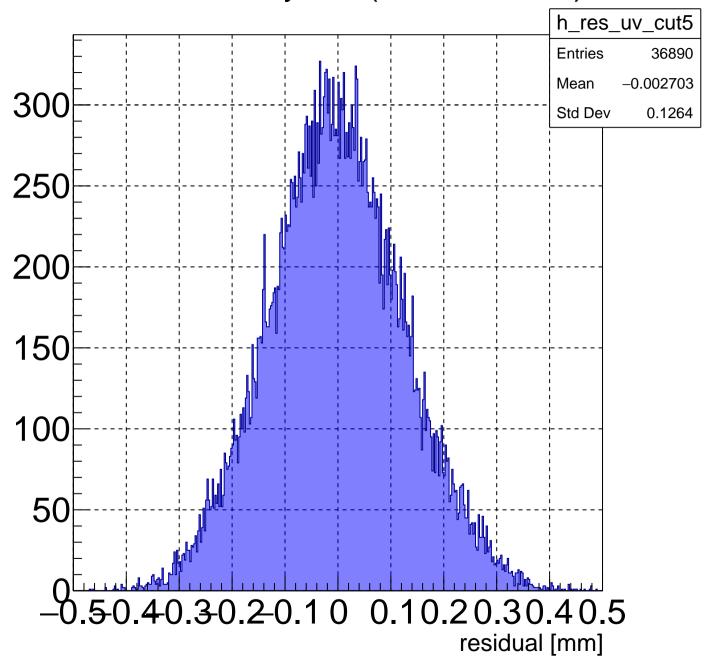
#### residual of layer 3 (with u0v0 cut)



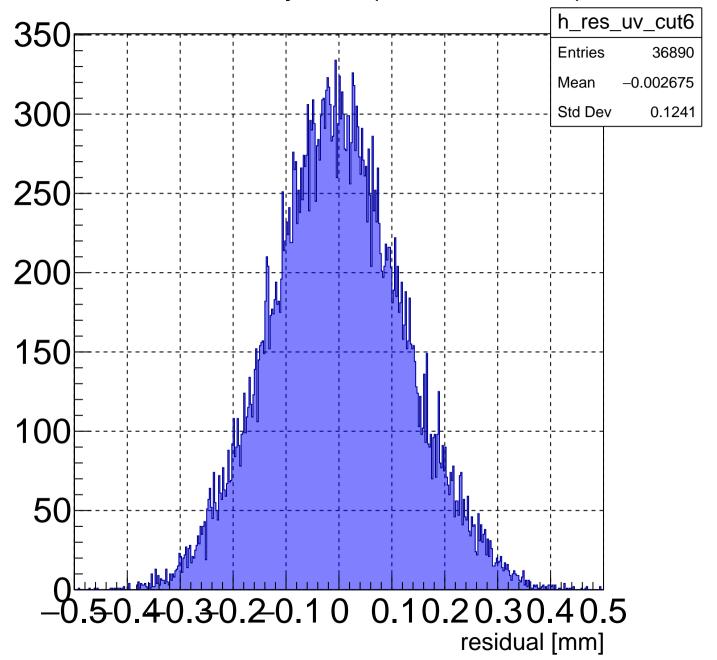
#### residual of layer 4 (with u0v0 cut)



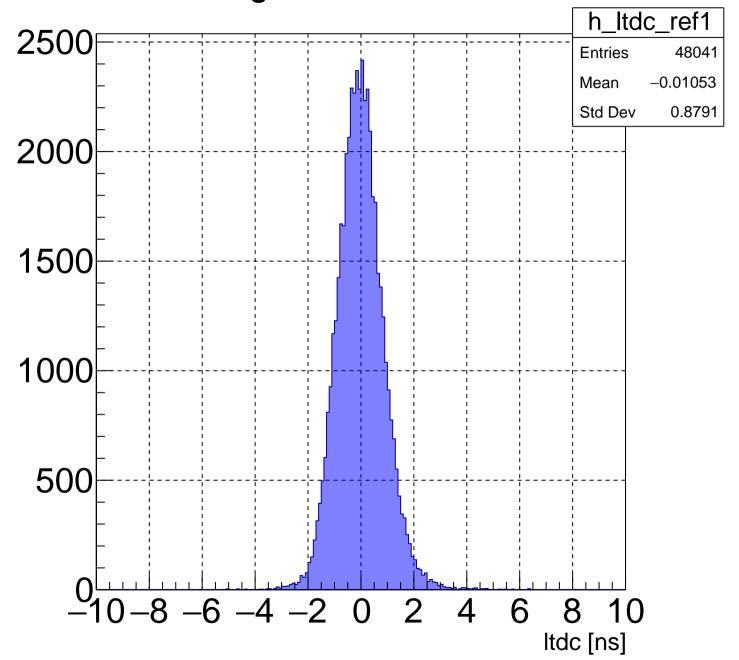
#### residual of layer 5 (with u0v0 cut)



#### residual of layer 6 (with u0v0 cut)



### Leading TDC value of bref 1



### Leading TDC value of bref 2

