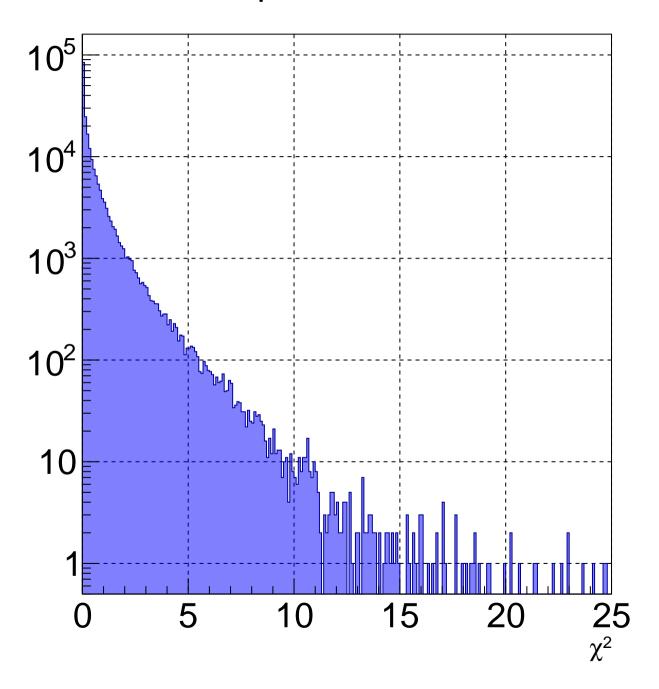
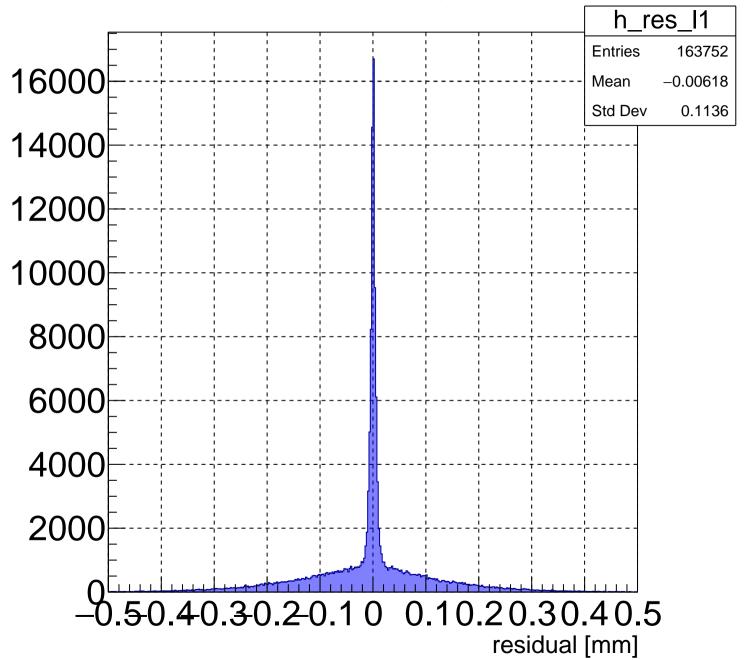
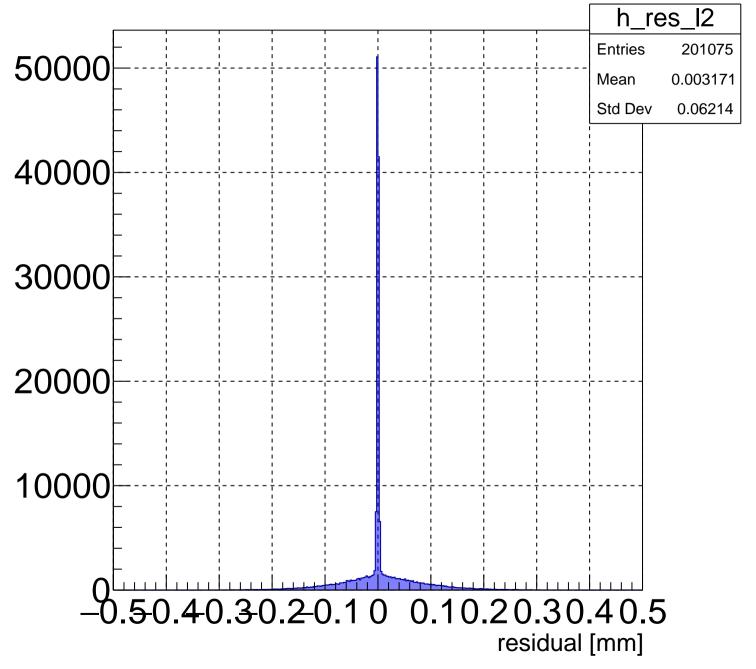
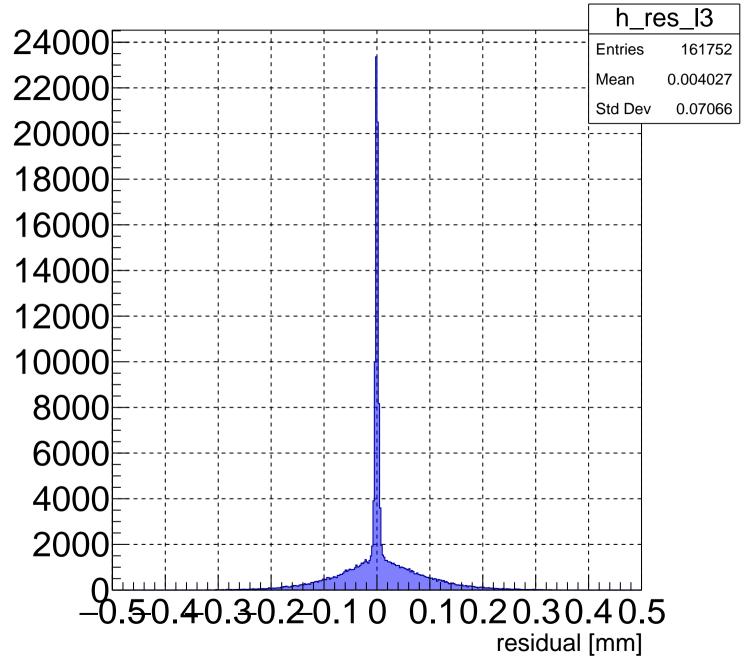
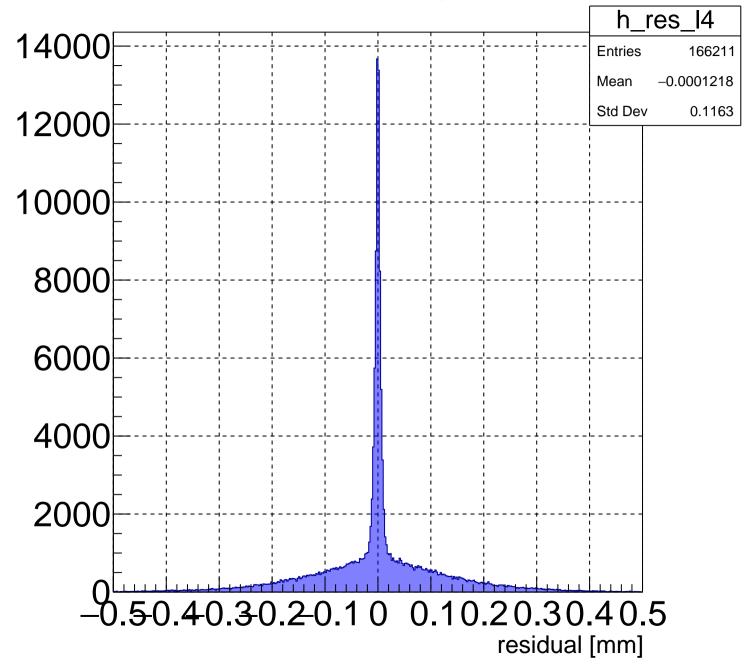
# chi square of all tracks

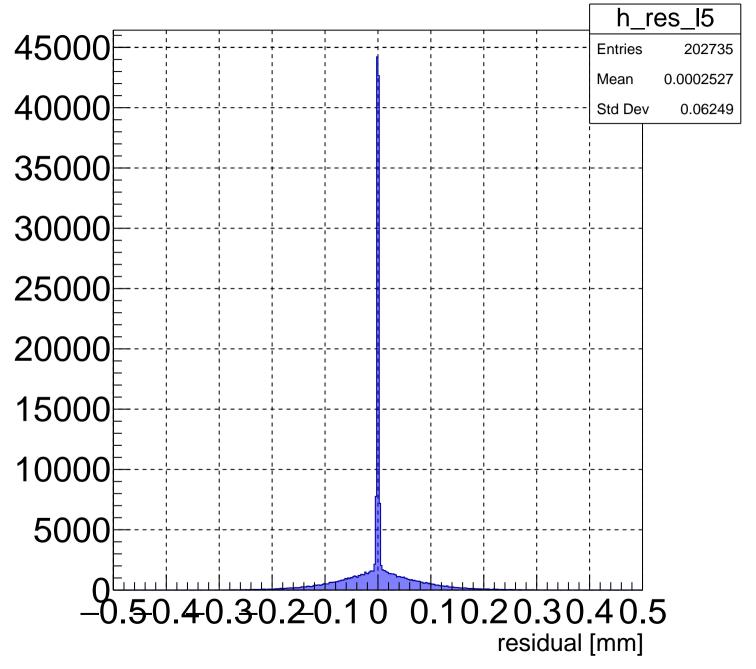


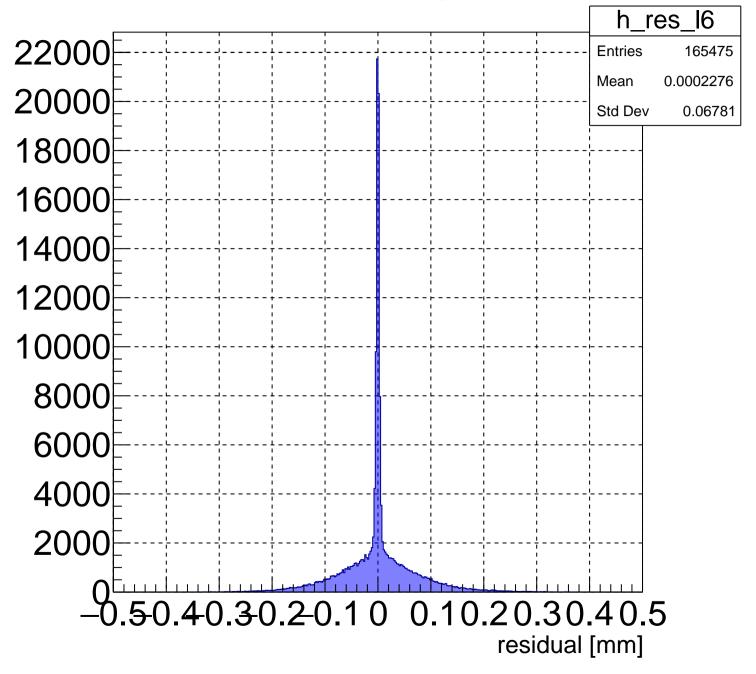




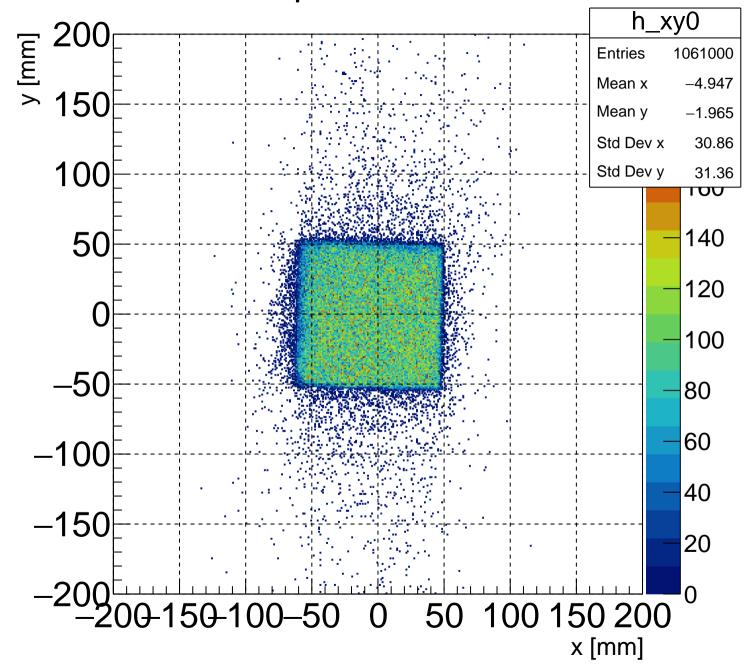






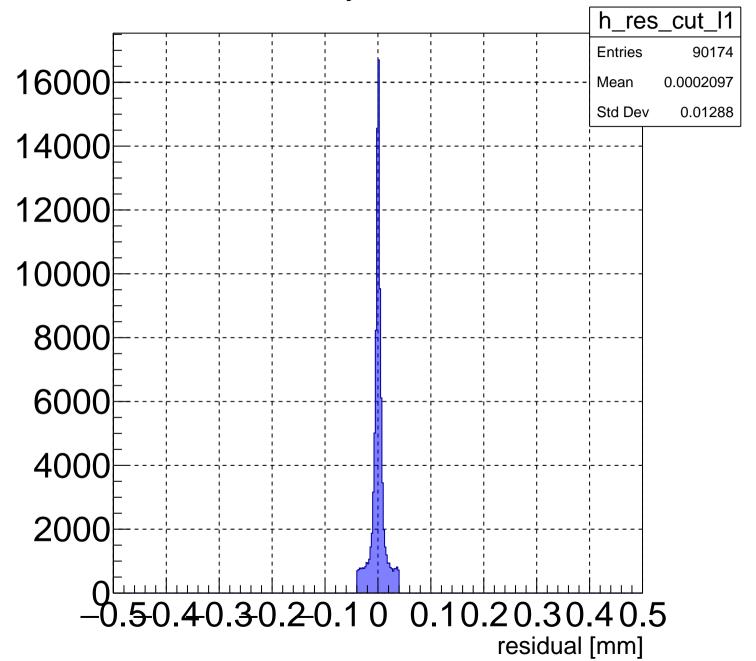


Track position at UTOF

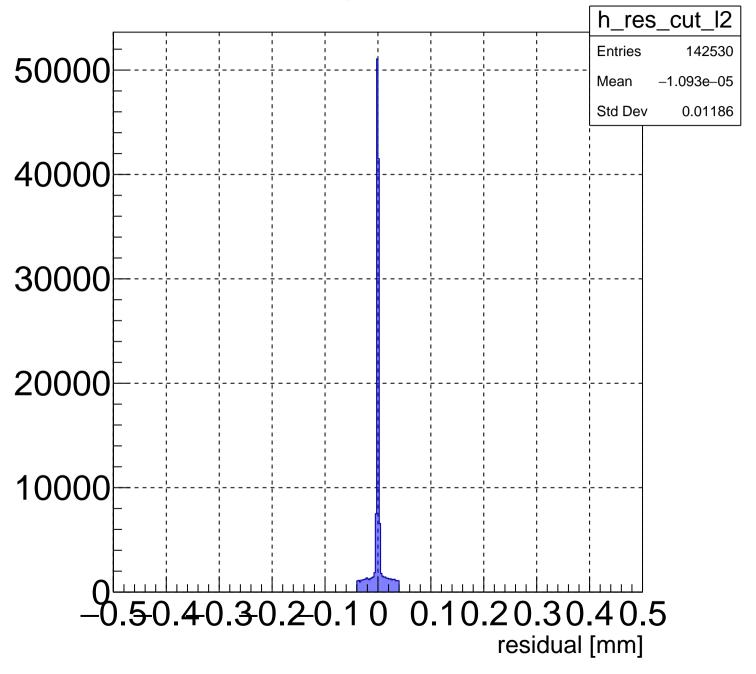


Track slope at UTOF h\_uv0 dy/dz [rad] Entries 1061000 -0.005077  $\uparrow$ Mean x 1.5 Mean v 0.0005068 0.02781 Std Dev x Std Dev y 0.05616 35000 0.5 30000 25000 20000 0.5 15000 10000 5000 -1.5 -1 -0.50.5 1.5 dx/dz [rad]

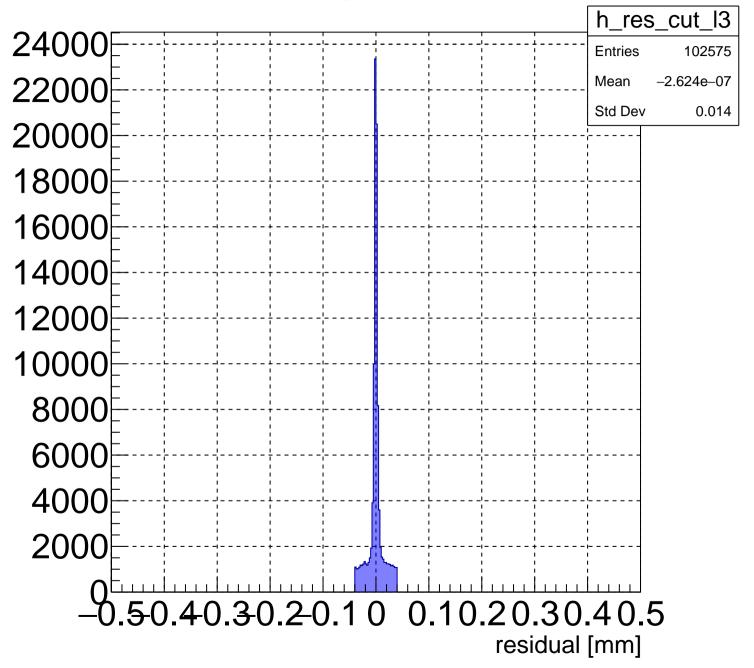
## residual of layer 1 with res cut



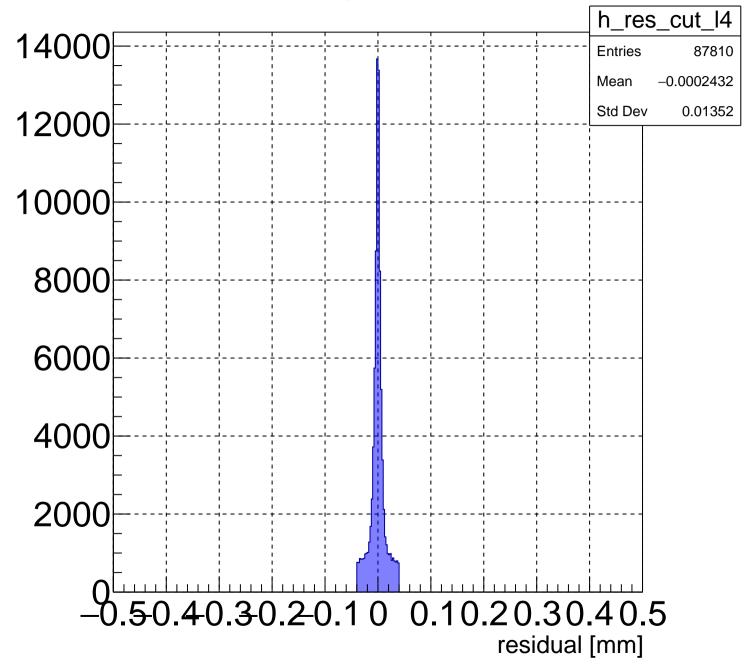
## residual of layer 2 with res cut



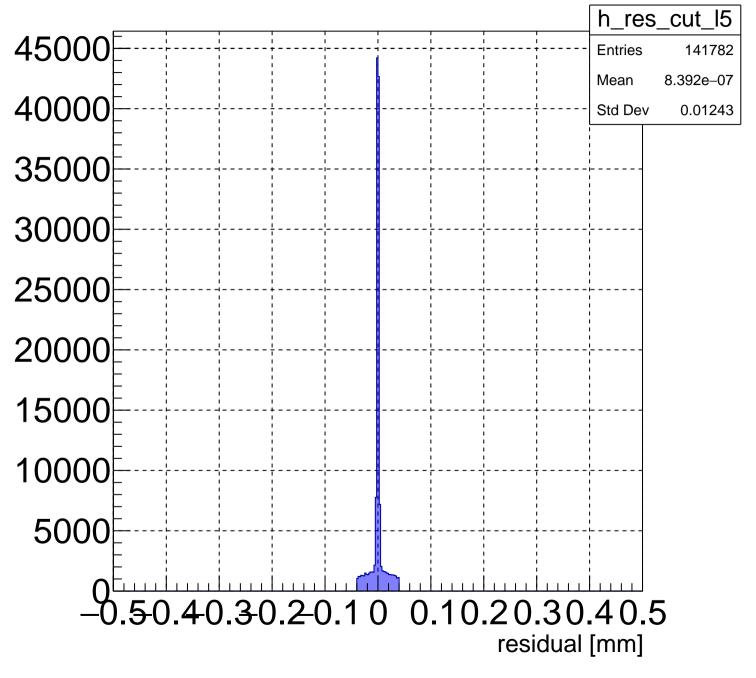
# residual of layer 3 with res cut



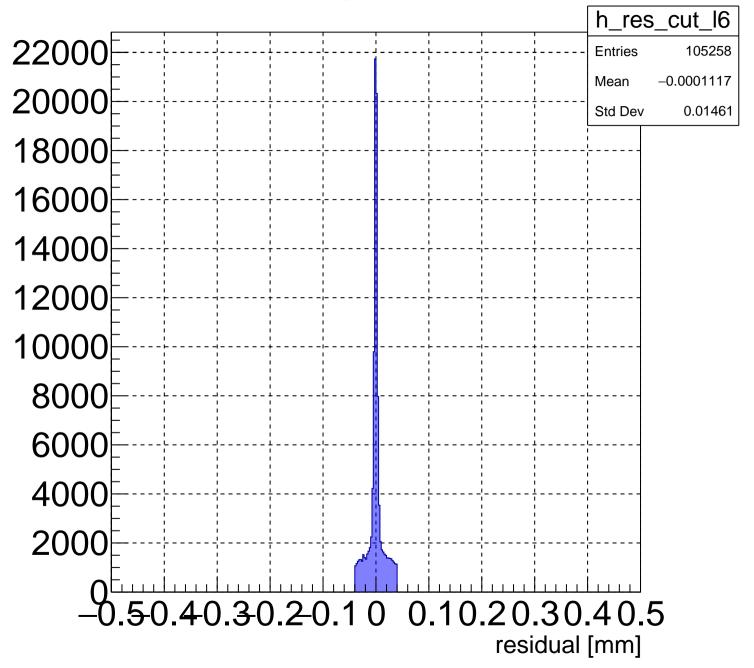
## residual of layer 4 with res cut



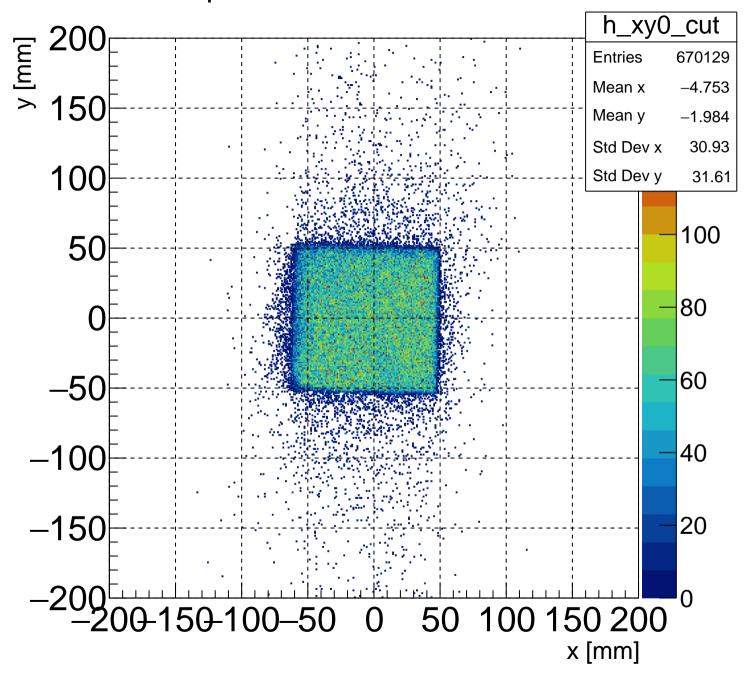
# residual of layer 5 with res cut



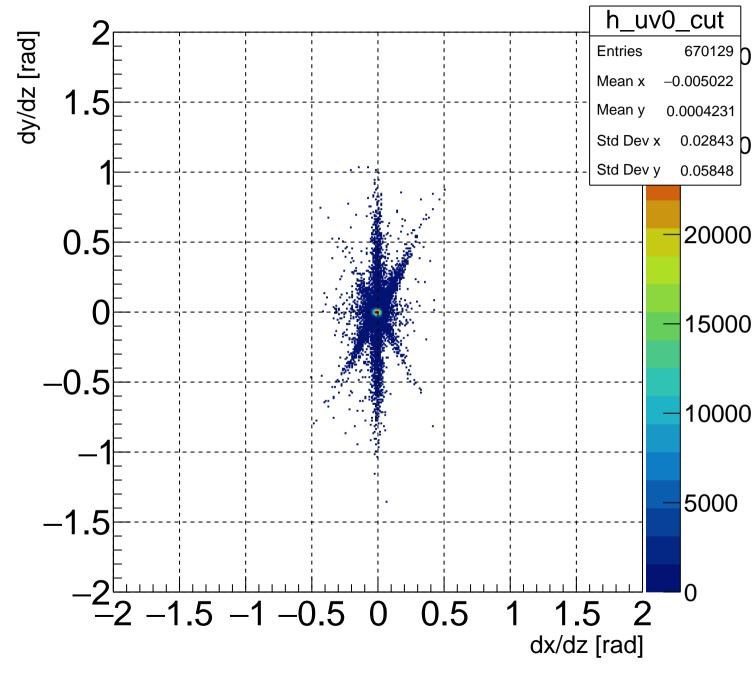
# residual of layer 6 with res cut



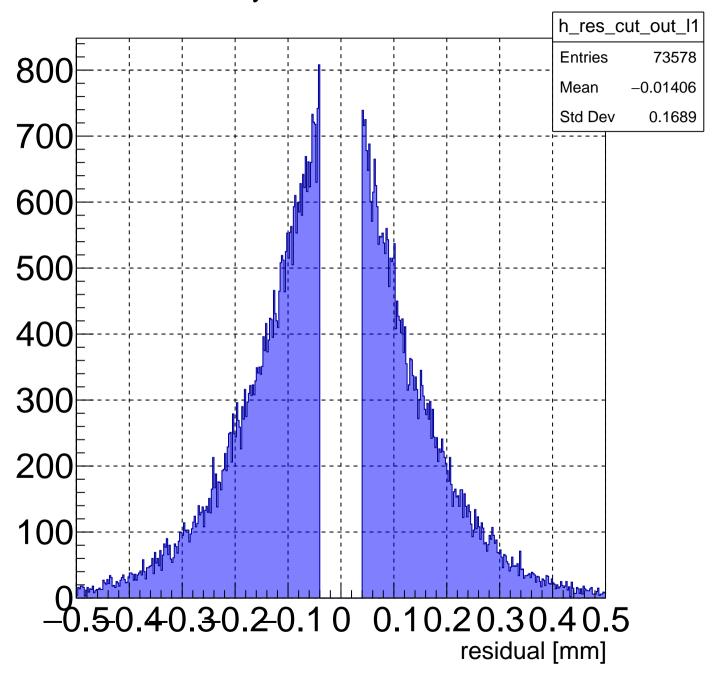
Track position at UTOF with residual cut



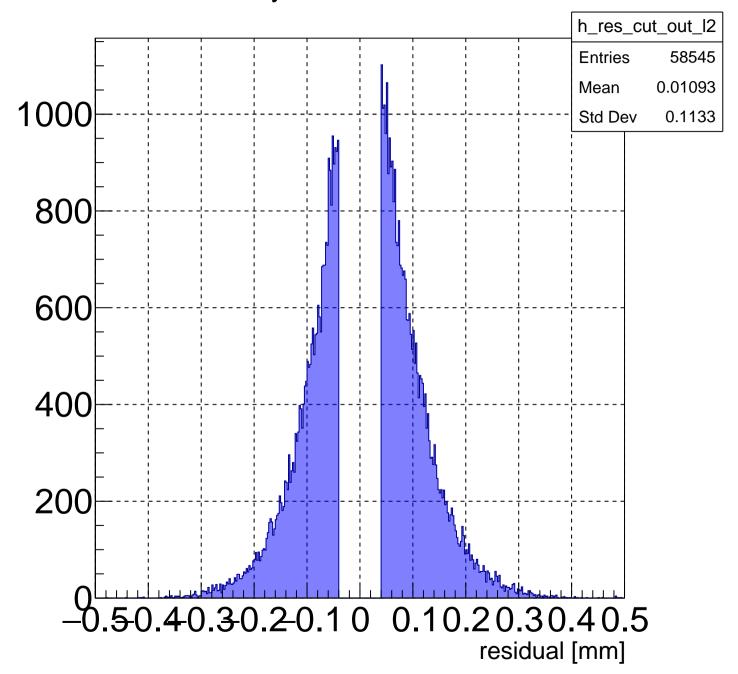
Track slope at UTOF with residual cut



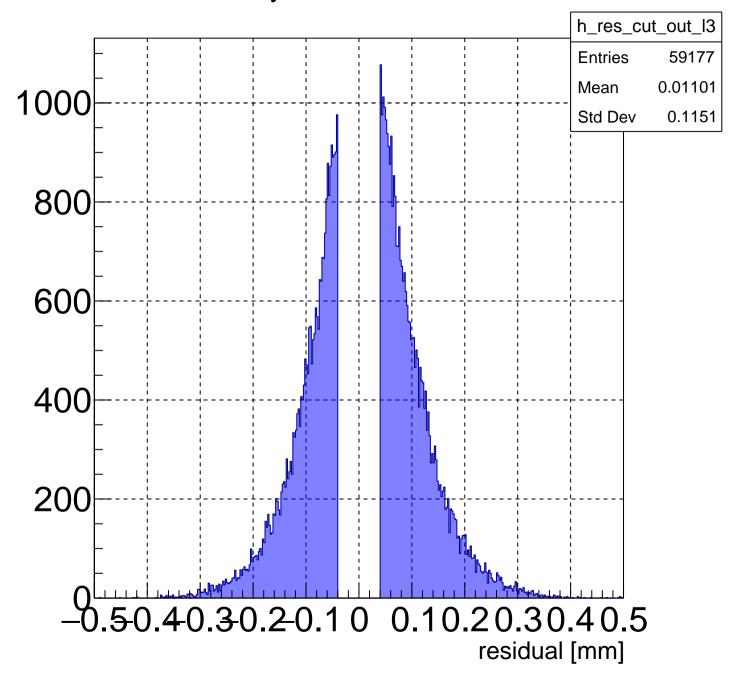
### residual of layer 1 with outside of res cut



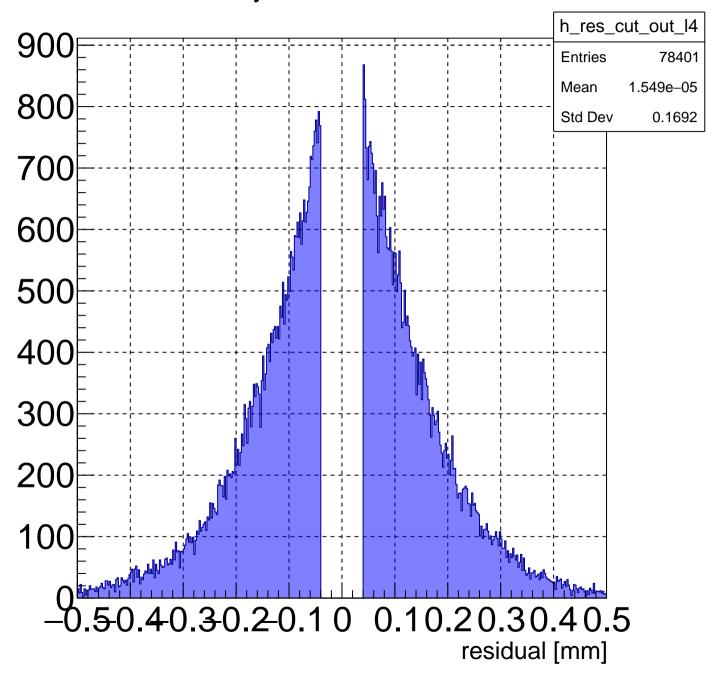
### residual of layer 2 with outside of res cut



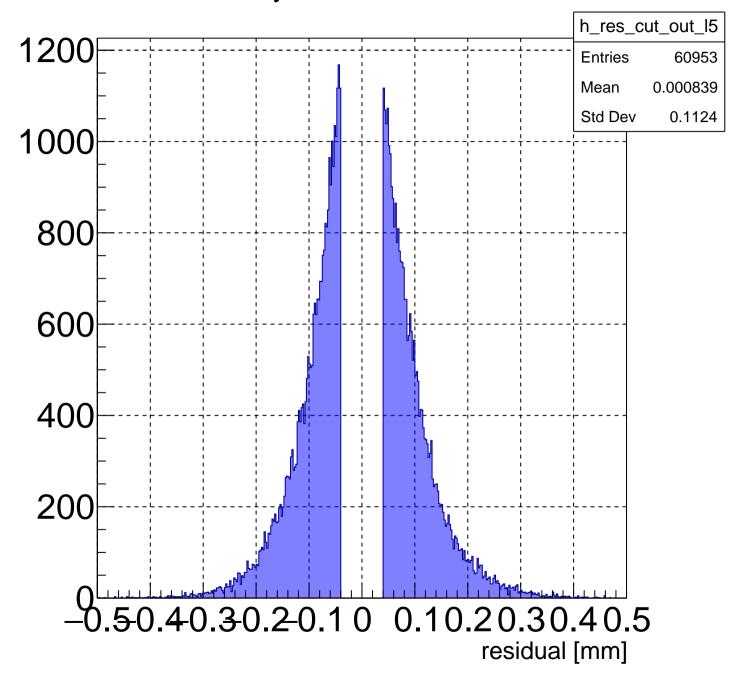
### residual of layer 3 with outside of res cut



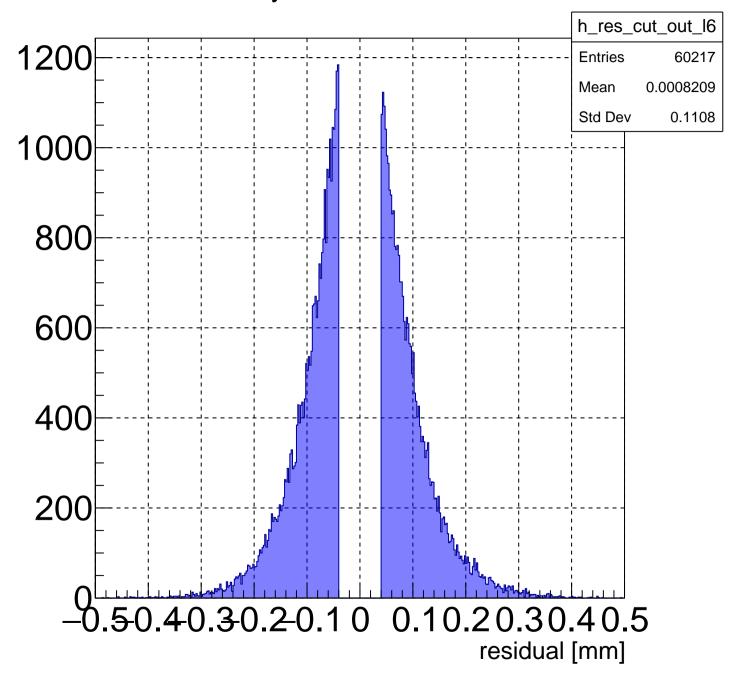
### residual of layer 4 with outside of res cut



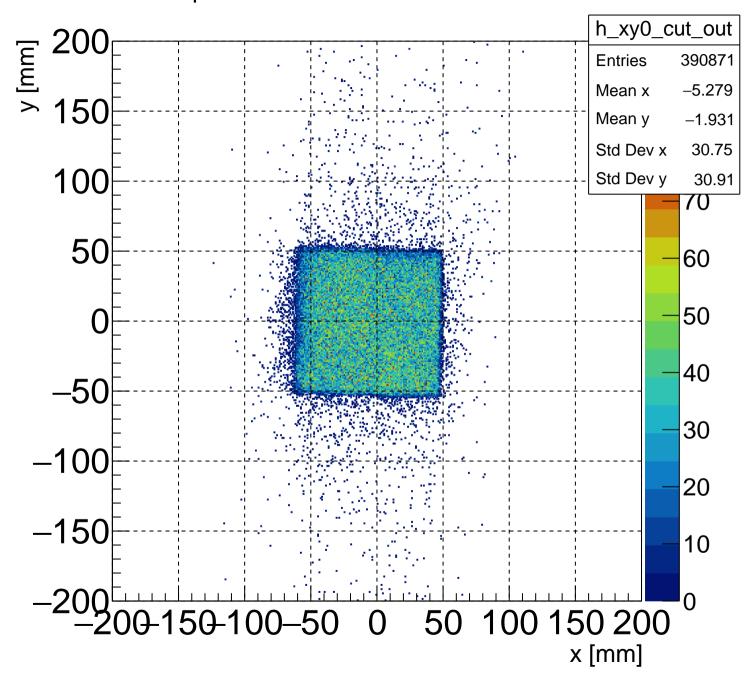
### residual of layer 5 with outside of res cut



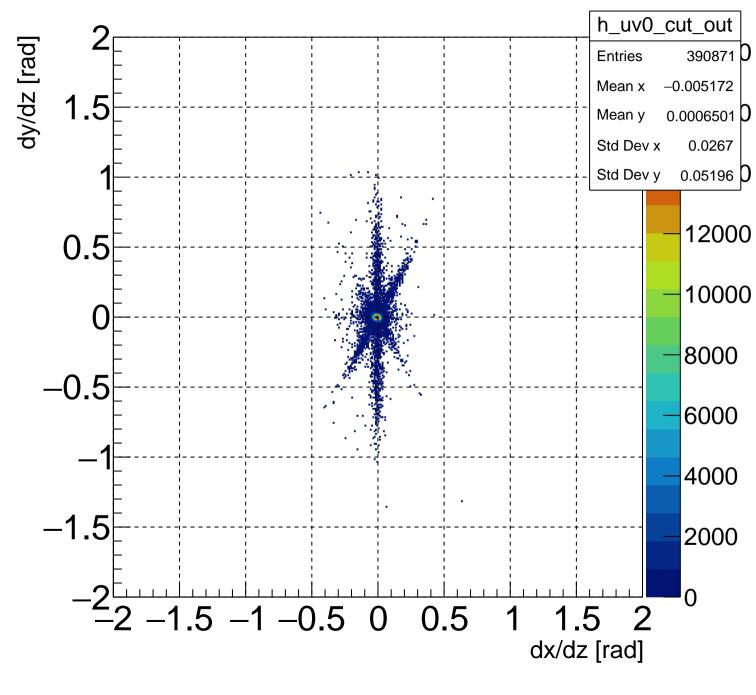
### residual of layer 6 with outside of res cut



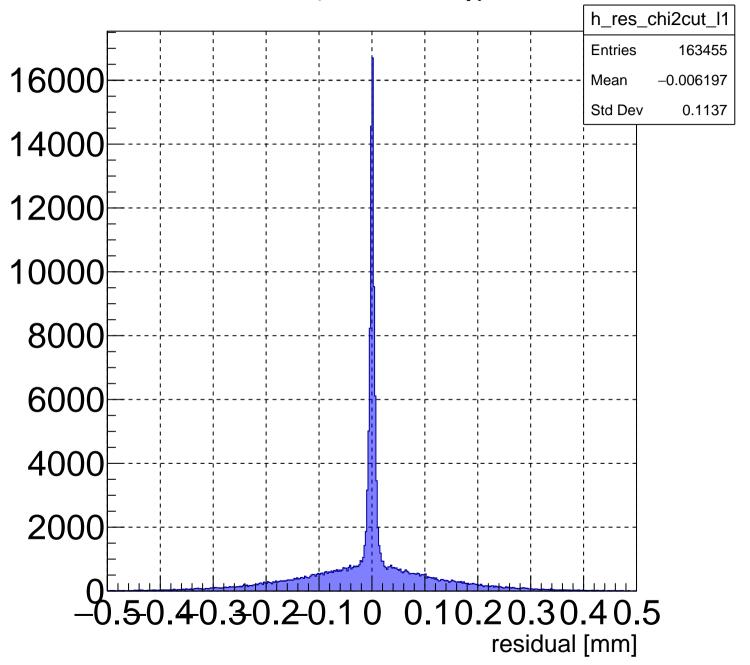
Track position at UTOF with outside of residual cut



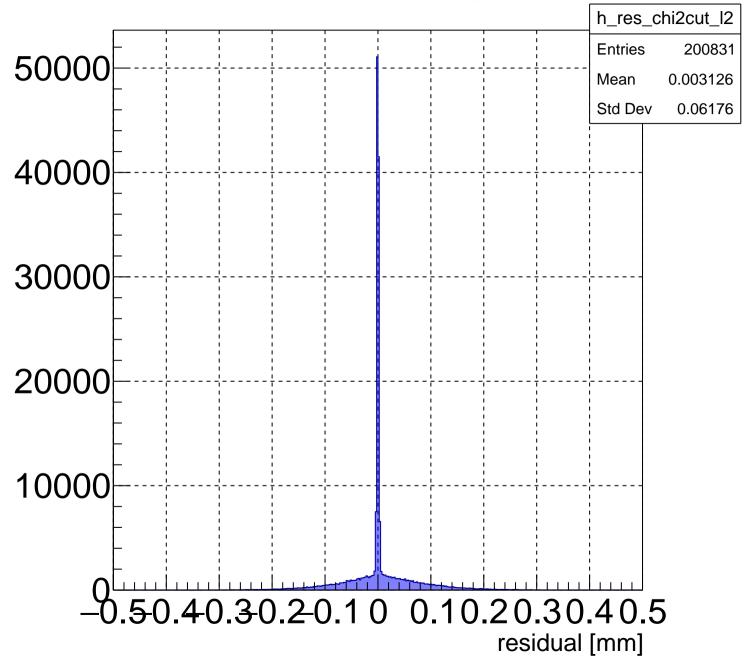
Track slope at UTOF with outside of residual cut



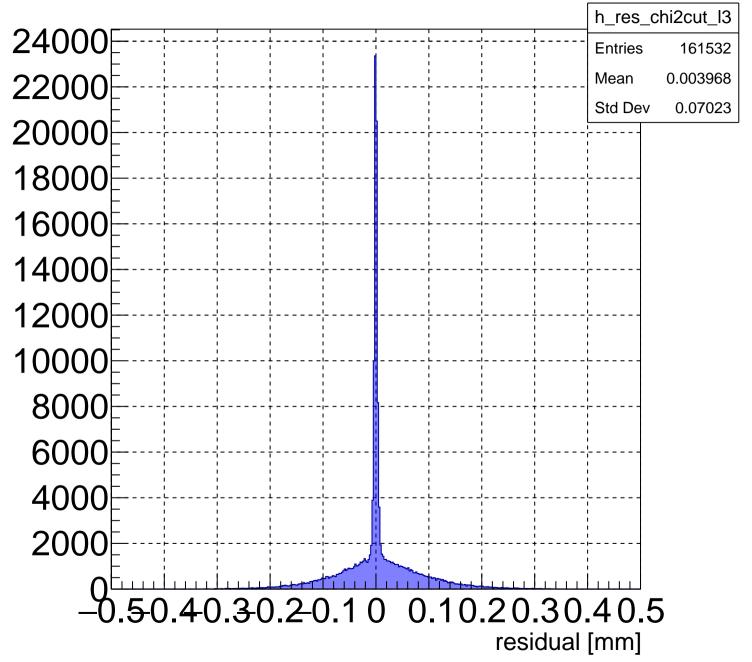
residual of layer 1 with  $\chi^2$  < 10.00



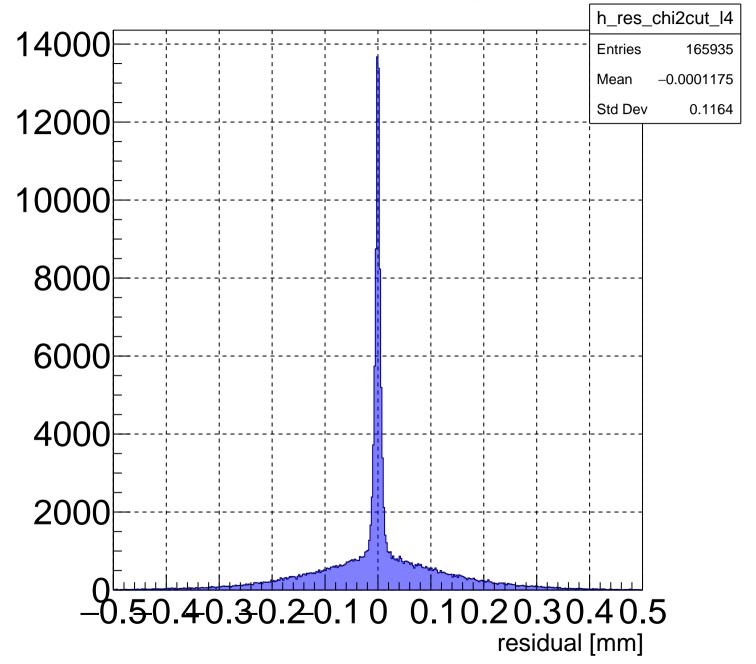
## residual of layer 2 with $\chi^2$ < 10.00



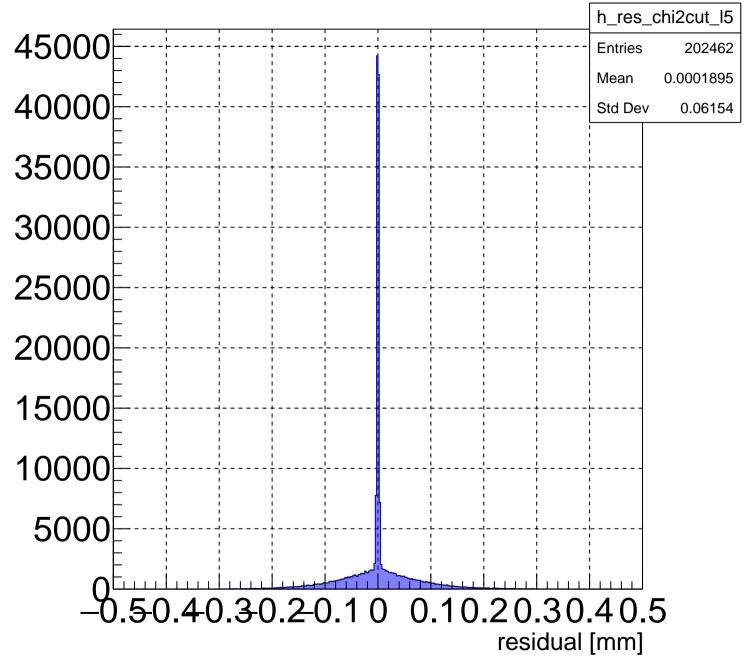
# residual of layer 3 with $\chi^2$ < 10.00



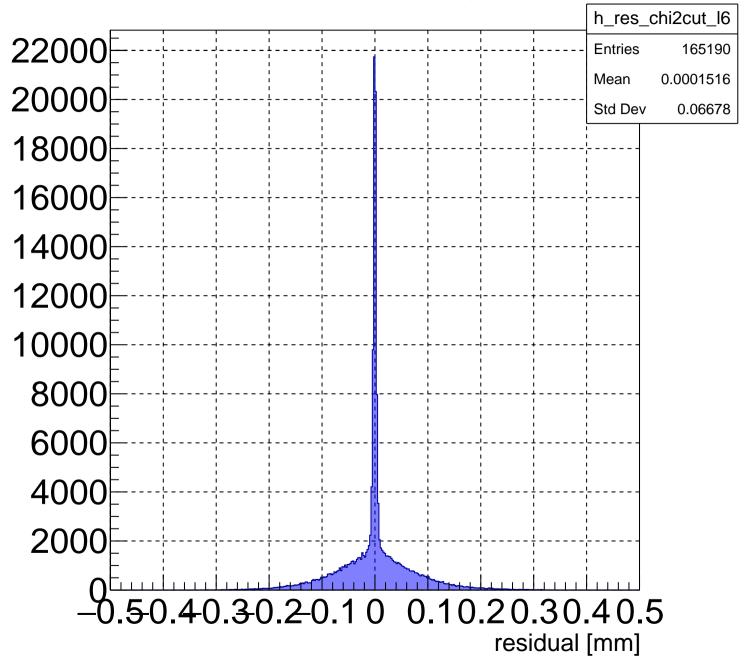
residual of layer 4 with  $\chi^2$  < 10.00



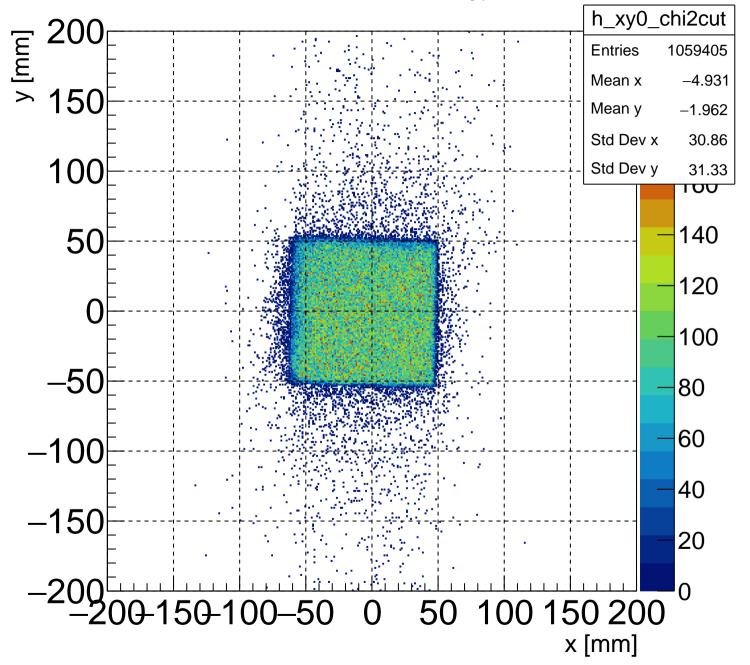
# residual of layer 5 with $\chi^2$ < 10.00



## residual of layer 6 with $\chi^2$ < 10.00



Track position at UTOF  $\chi^2$  < 10.00



Track slope at UTOF  $\chi^2$  < 10.00 h uv0 chi2cut dy/dz [rad] Entries 1059405 -0.005054 **↑** Mean x 1.5 Mean v 0.0005443 Std Dev x 0.02755 Std Dev y 0.0556 35000 0.5 30000 25000 20000 0.5 15000 10000 5000 -1.5 -1 -0.50.5 1.5 dx/dz [rad]