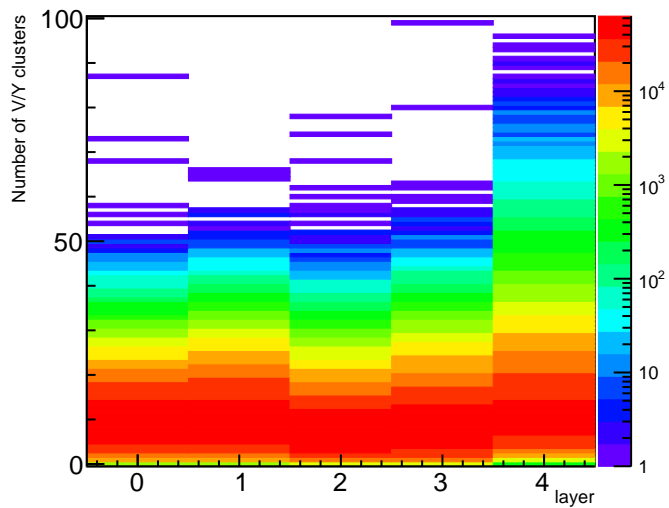
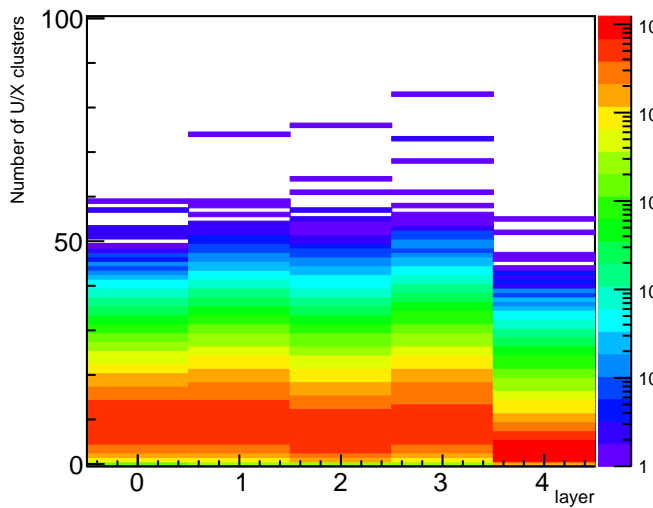
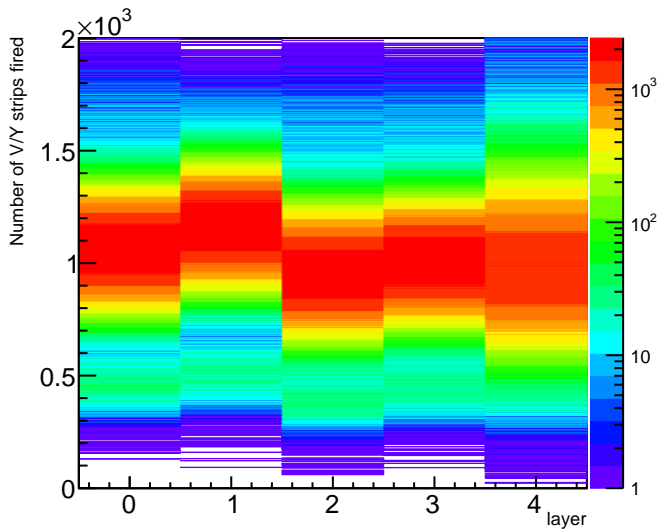
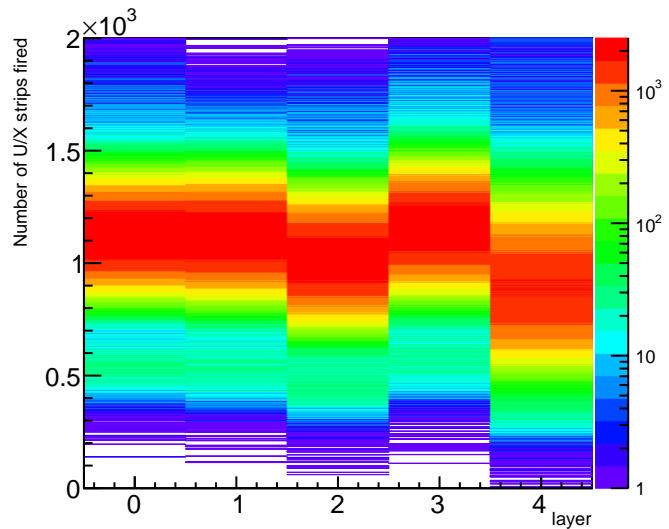
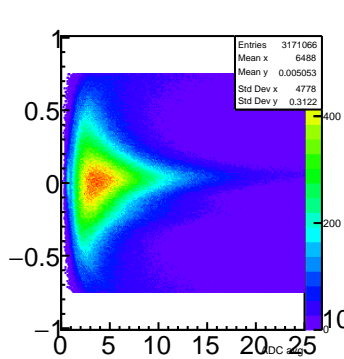
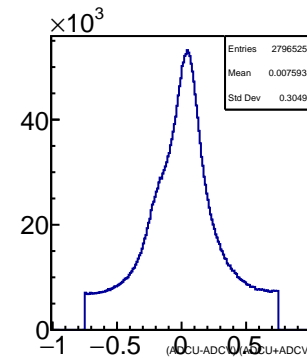
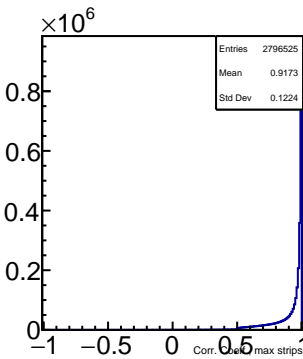
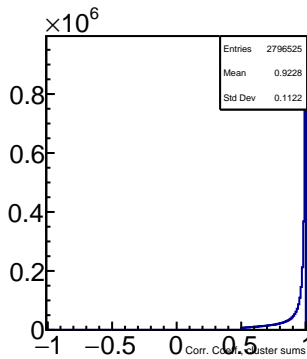
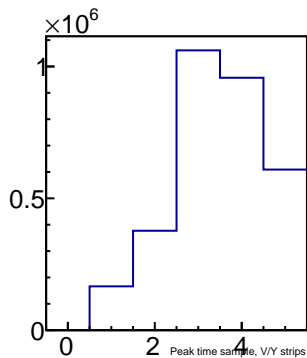
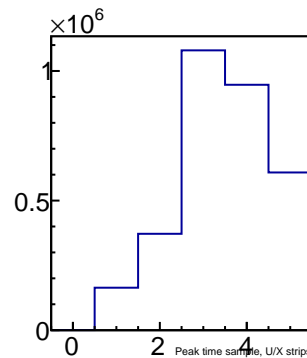
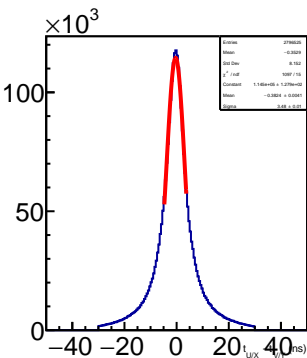
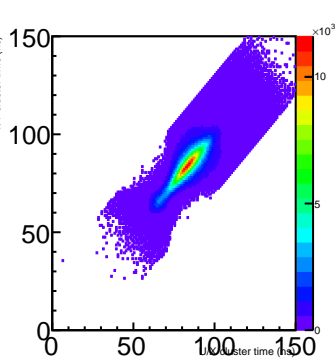
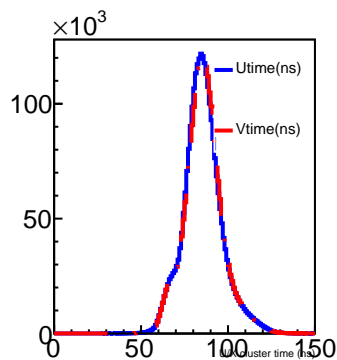
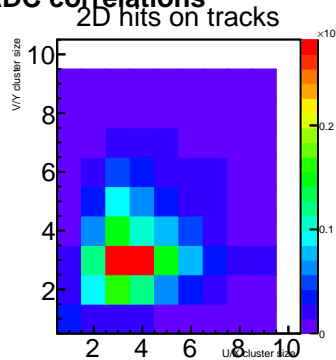
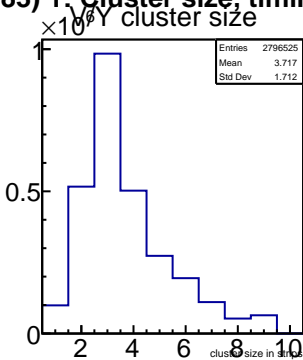
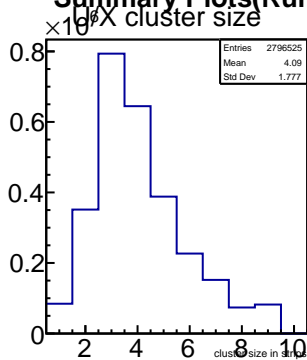


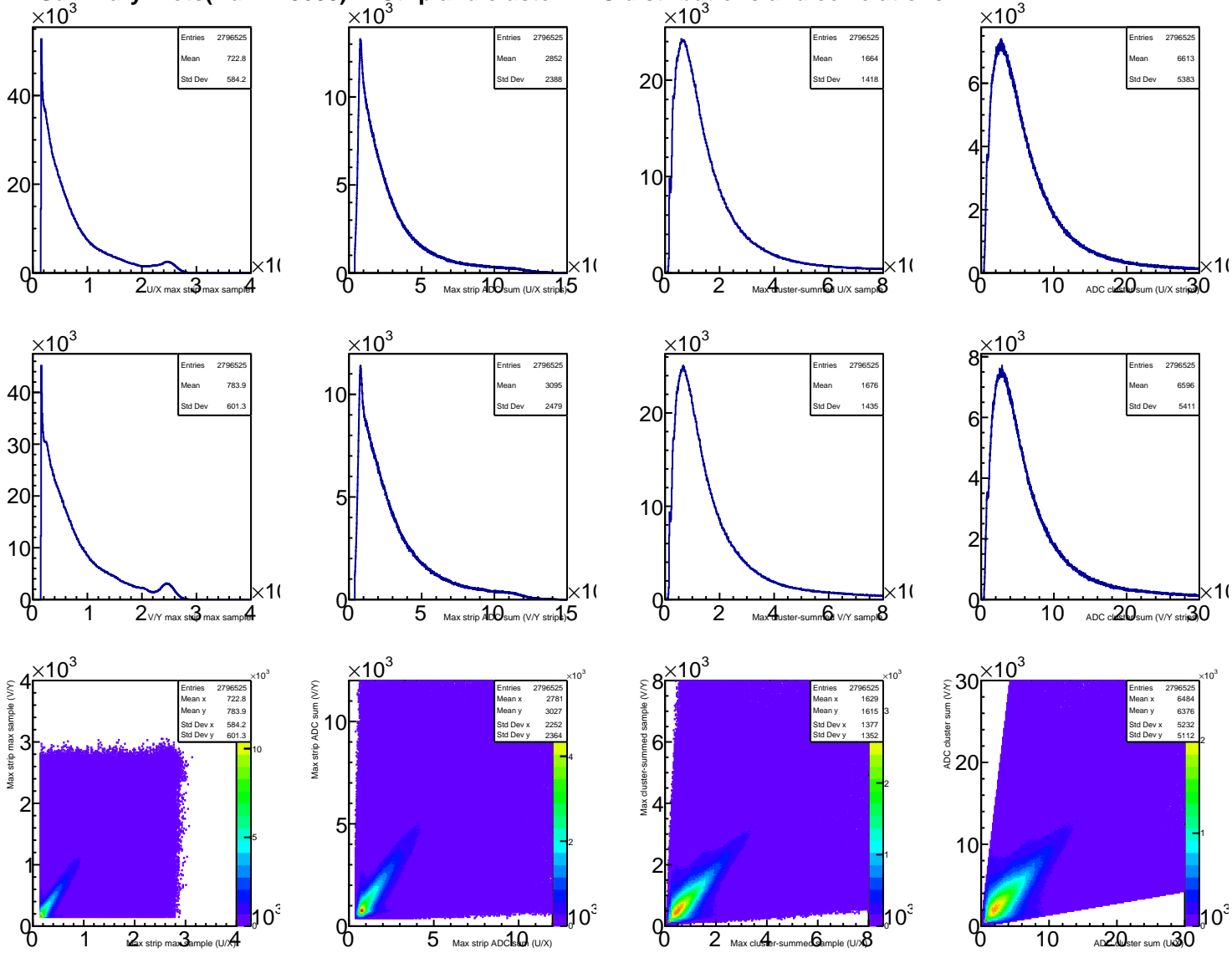
Summary Plots(Run #13683) 0: Strip and cluster multiplicities



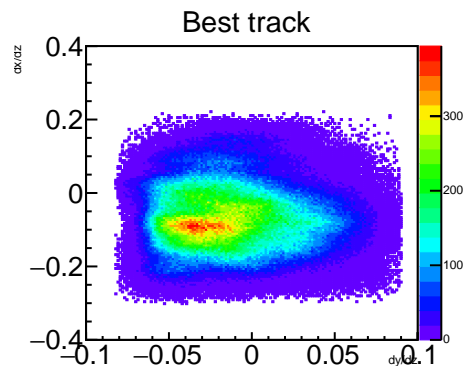
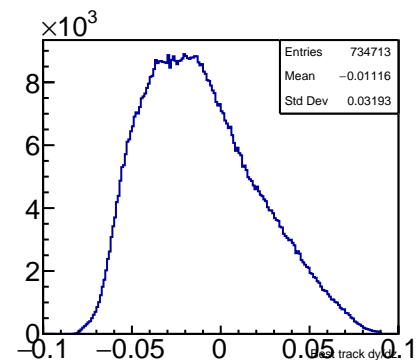
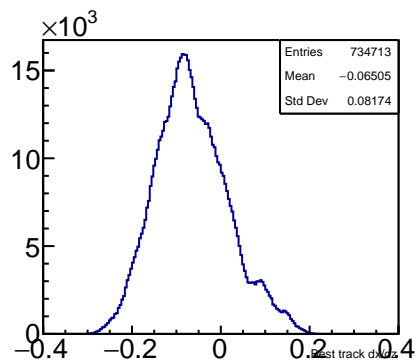
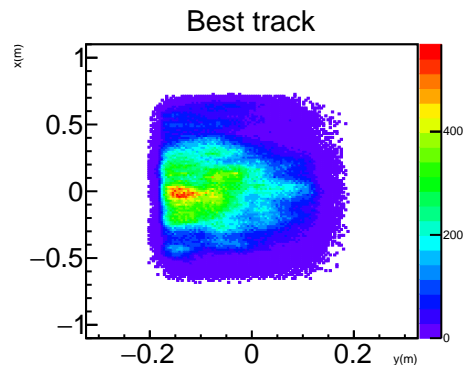
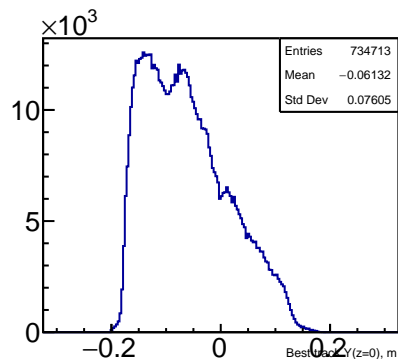
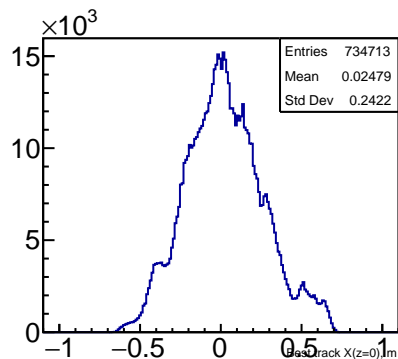
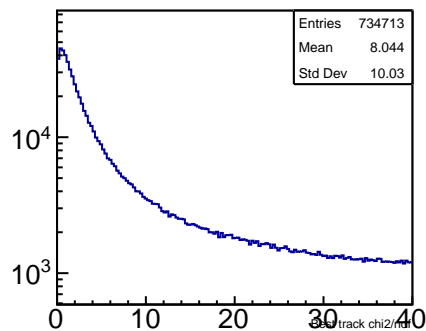
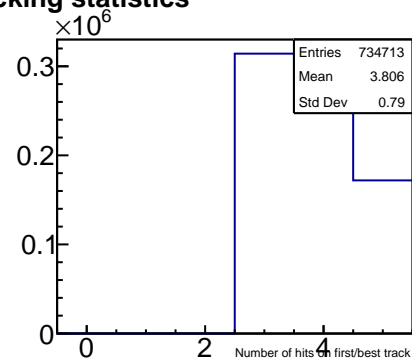
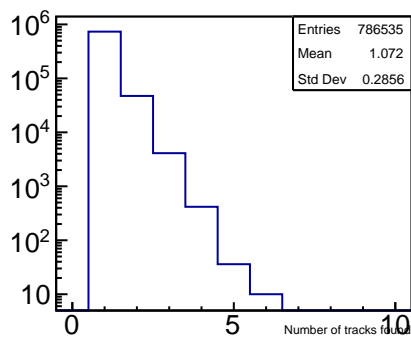
# Summary Plots (Run #13683) 1: Cluster size, timing, ADC correlations



Summary Plots (Run #13683) 2: Strip and cluster ADC distributions and correlations

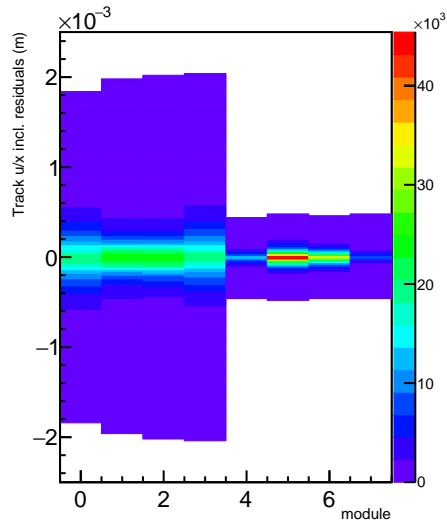
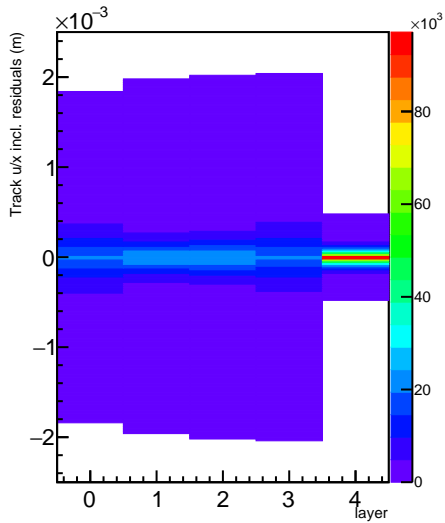
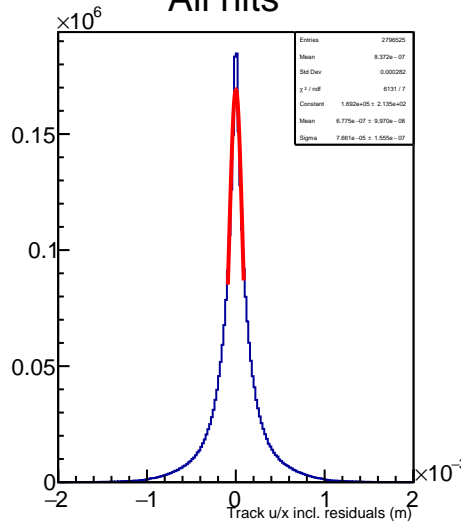


# Summary Plots(Run #13683) 3: Tracking statistics

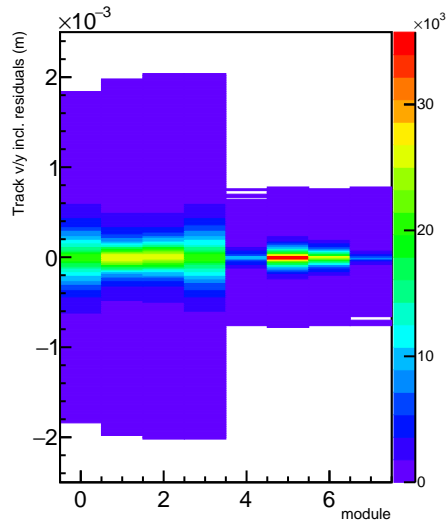
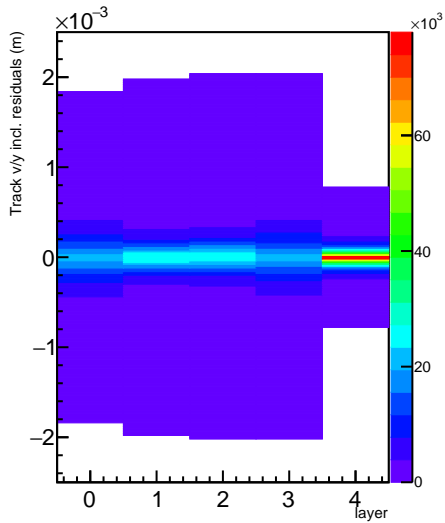
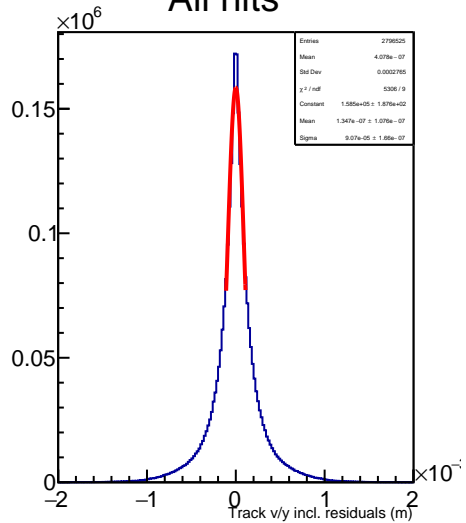


# Summary Plots(Run #13683) 4: Tracking residuals (inclusive)

## All hits

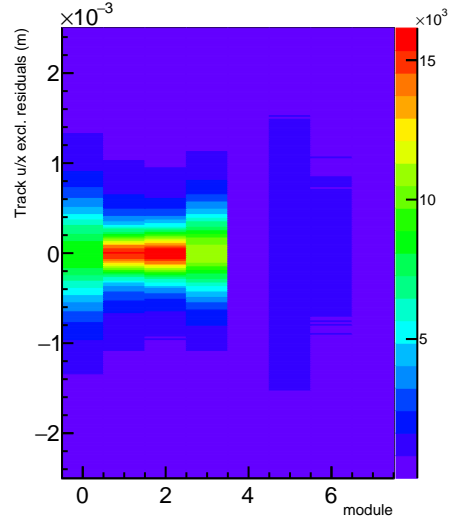
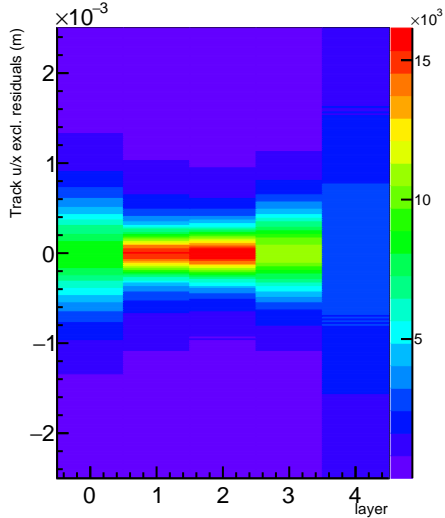
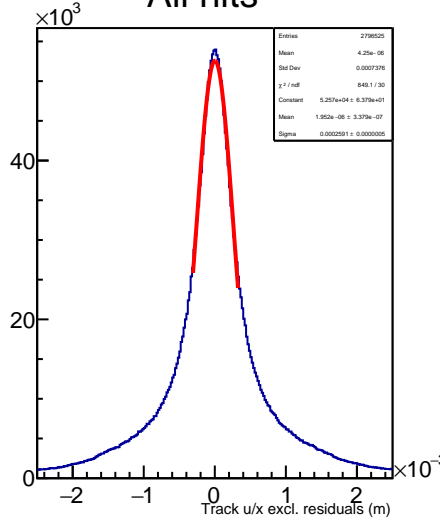


## All hits

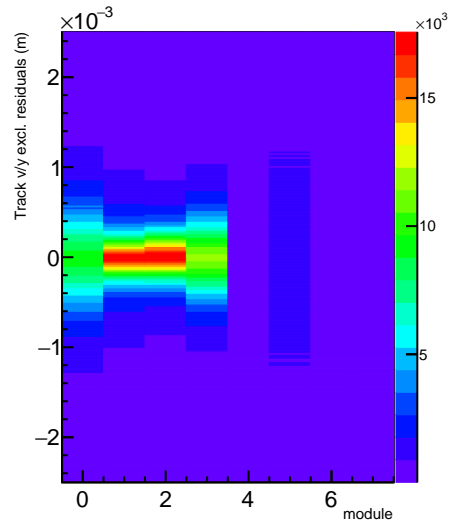
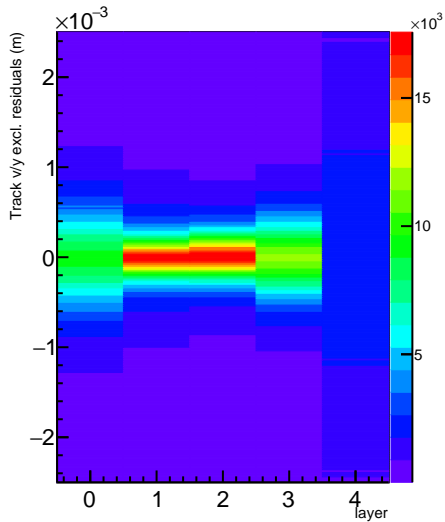
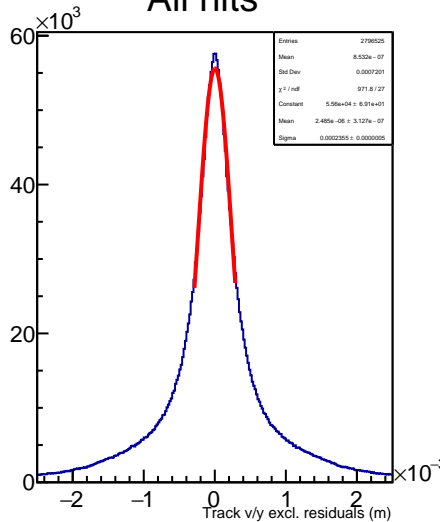


# Summary Plots(Run #13683) 5: Tracking residuals (exclusive)

## All hits

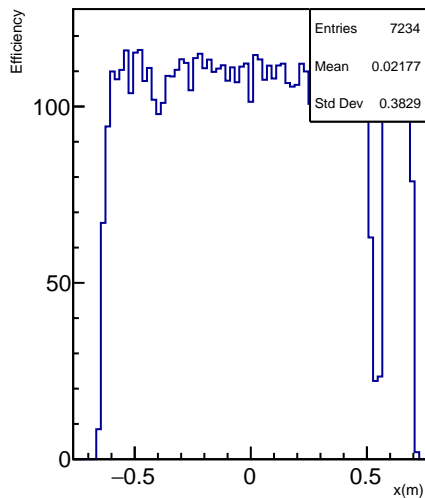


## All hits

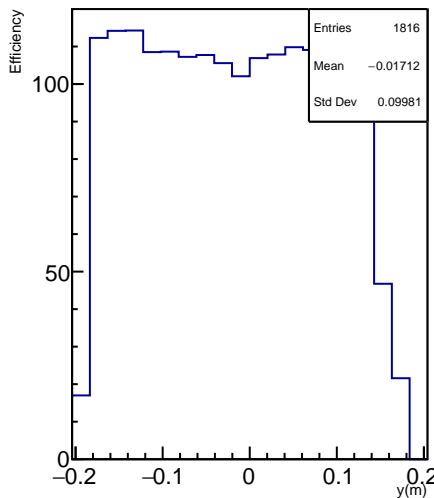


# Summary Plots(Run #13683) 6: Module 0 (UVA U/V layer 0) efficiencies

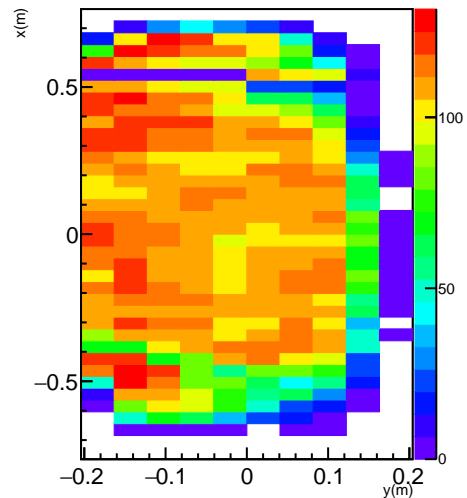
Track-based efficiency vs x, module m0



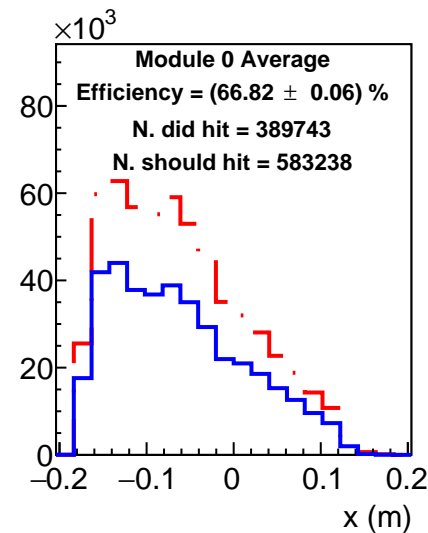
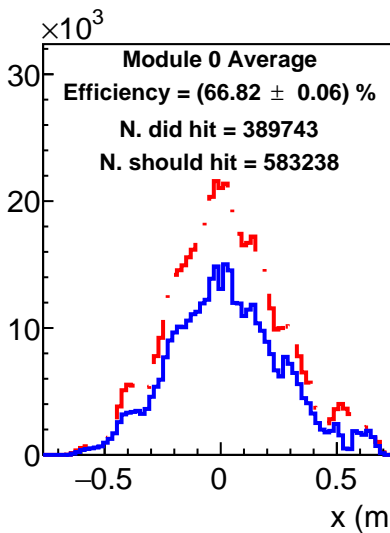
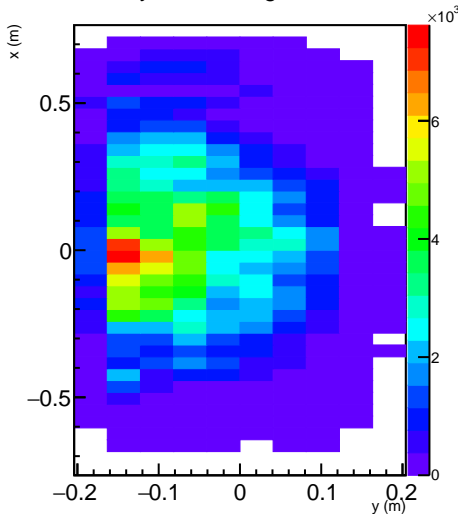
Track-based efficiency vs y, module m0



Track-based efficiency vs x and y, module m0

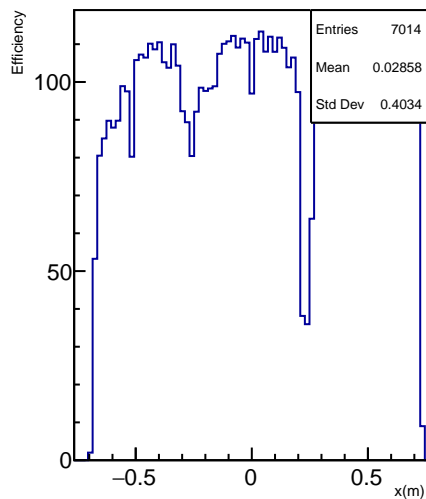


x vs y of hits on good tracks

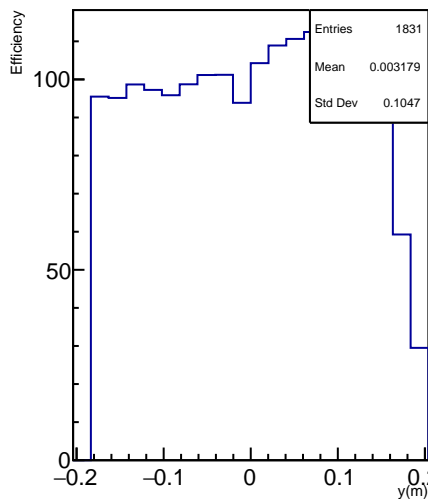


# Summary Plots(Run #13683) 7: Module 1 (UVA U/V layer 1) efficiencies

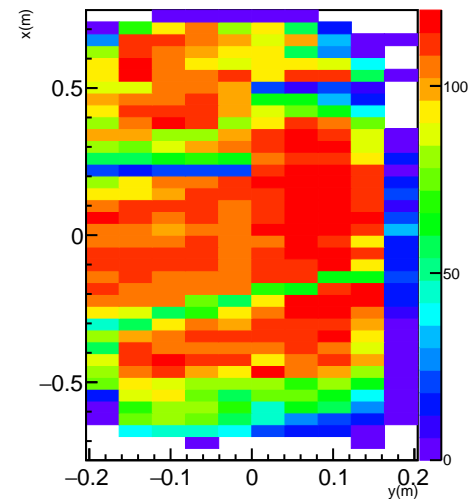
Track-based efficiency vs x, module m1



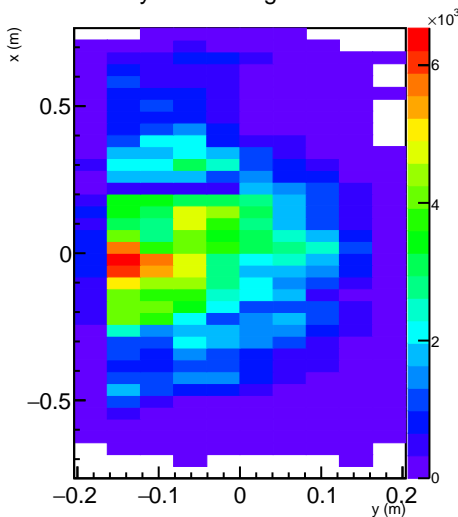
Track-based efficiency vs y, module m1



Track-based efficiency vs x and y, module m1

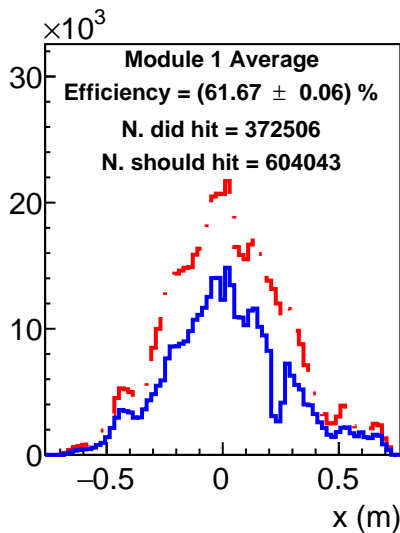


x vs y of hits on good tracks



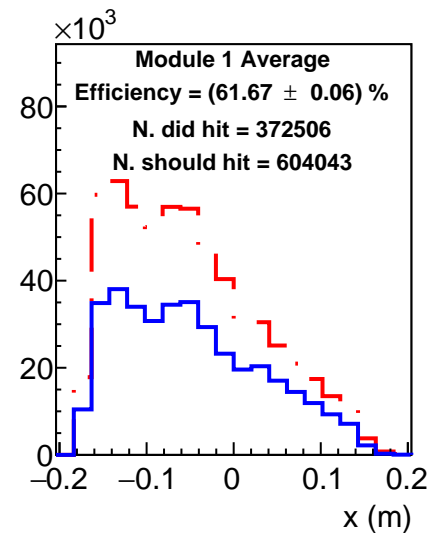
$\times 10^3$

**Module 1 Average**  
**Efficiency =  $(61.67 \pm 0.06) \%$**   
**N. did hit = 372506**  
**N. should hit = 604043**



$\times 10^3$

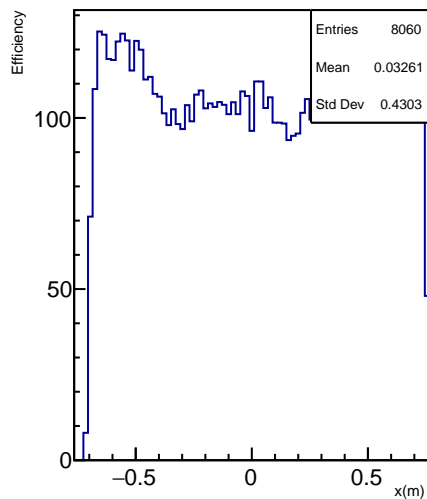
**Module 1 Average**  
**Efficiency =  $(61.67 \pm 0.06) \%$**   
**N. did hit = 372506**  
**N. should hit = 604043**



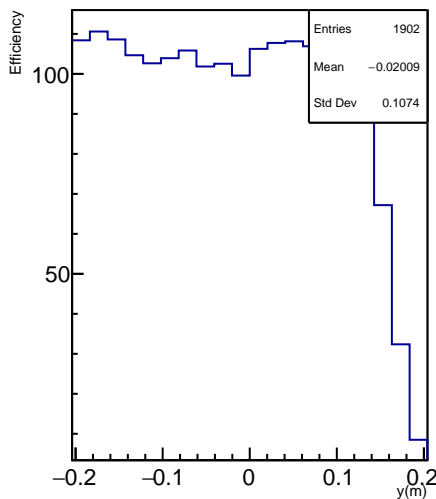


# Summary Plots(Run #13683) 8: Module 2 (UVA U/V layer 2) efficiencies

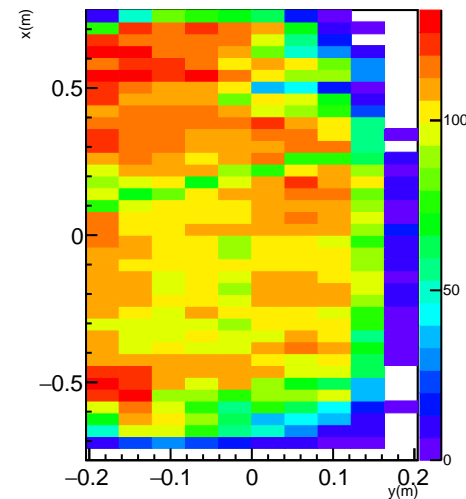
Track-based efficiency vs x, module m2



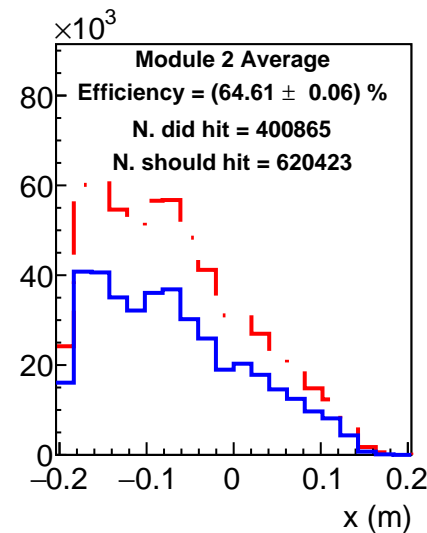
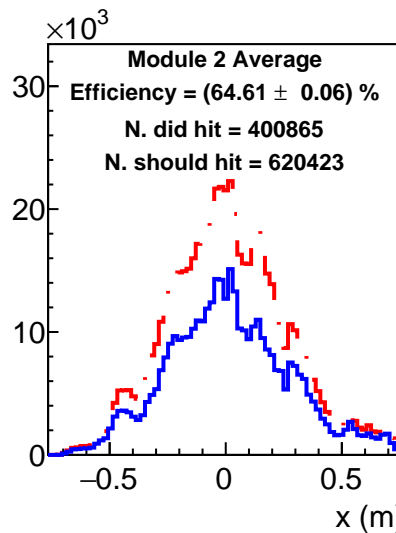
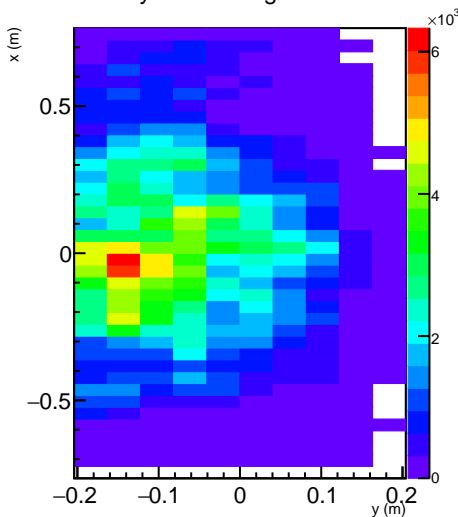
Track-based efficiency vs y, module m2



Track-based efficiency vs x and y, module m2

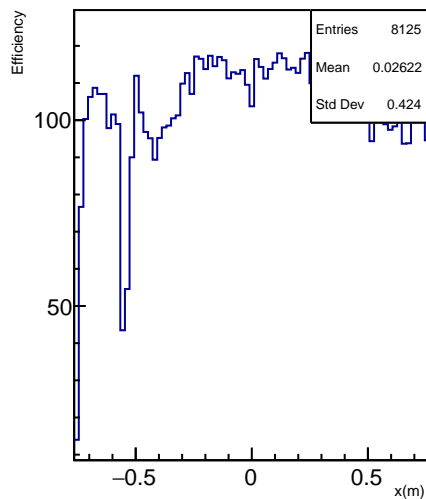


x vs y of hits on good tracks

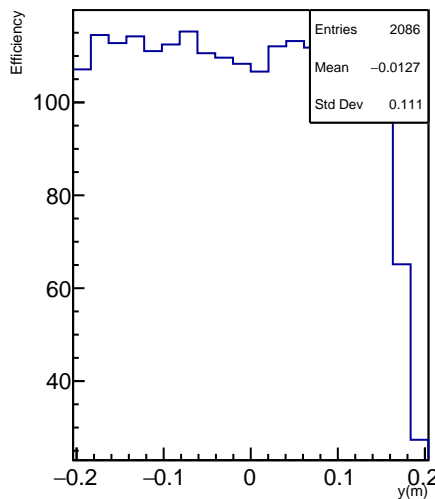


# Summary Plots(Run #13683) 9: Module 3 (UVA U/V layer 3) efficiencies

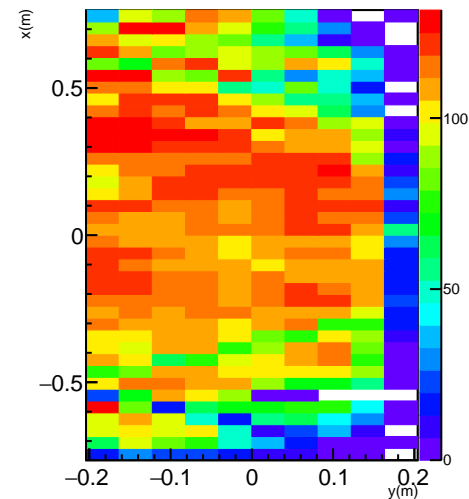
Track-based efficiency vs x, module m3



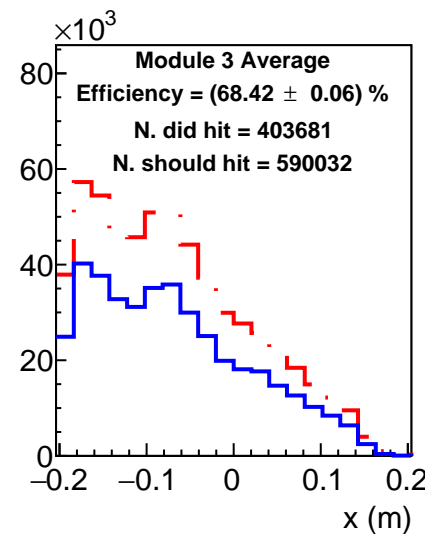
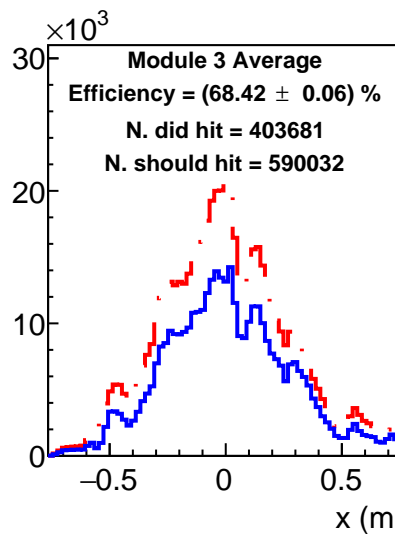
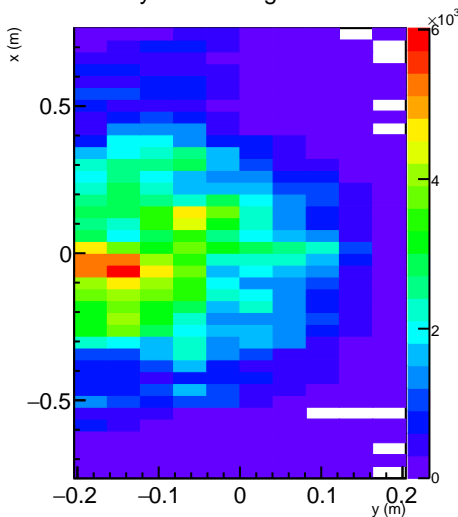
Track-based efficiency vs y, module m3



Track-based efficiency vs x and y, module m3

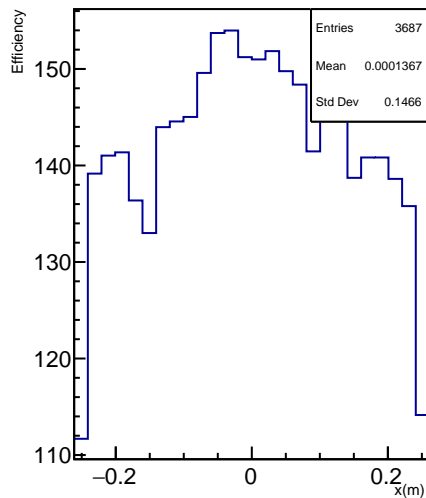


x vs y of hits on good tracks

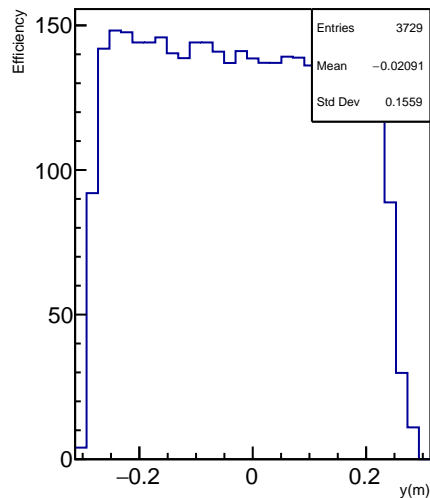


# Summary Plots(Run #13683) 10: Module 4 (UVA X/Y top) efficiencies

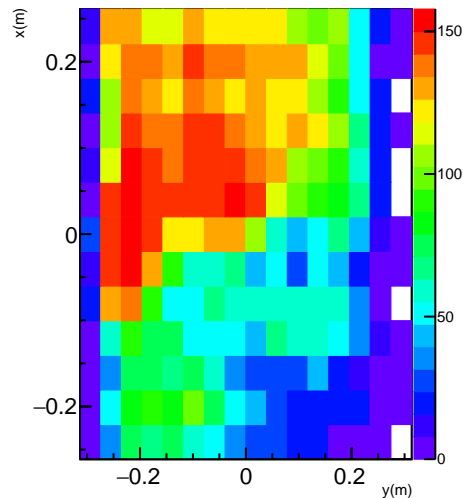
Track-based efficiency vs x, module m4



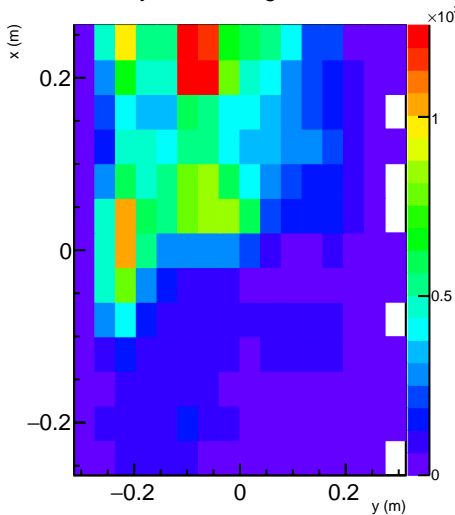
Track-based efficiency vs y, module m4



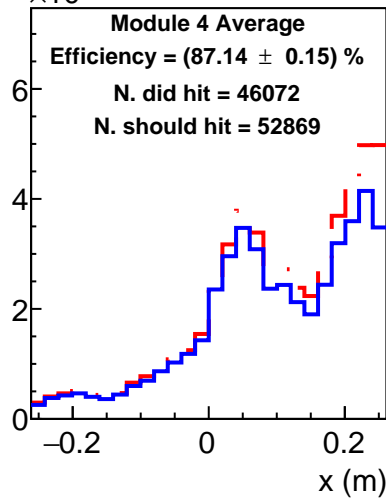
Track-based efficiency vs x and y, module m4



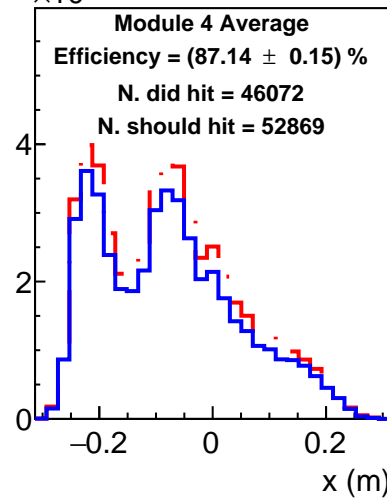
x vs y of hits on good tracks



$\times 10^3$

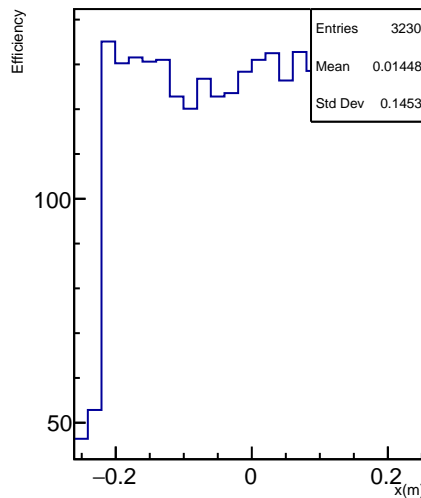


$\times 10^3$

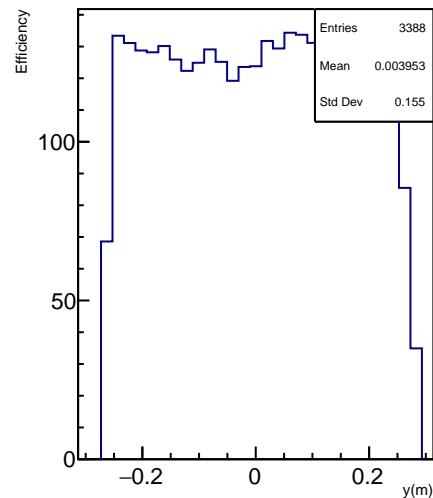


# Summary Plots(Run #13683) 11: Module 5 (UVA X/Y mid-upper) efficiencies

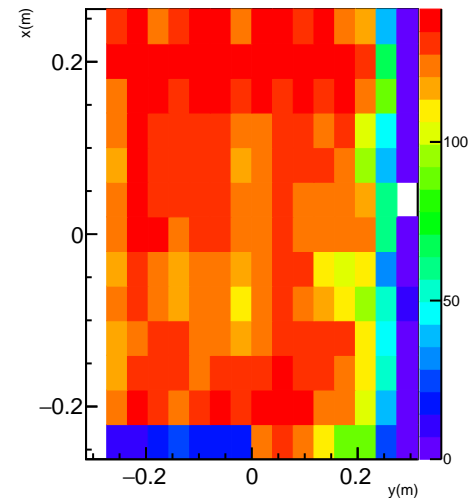
Track-based efficiency vs x, module m5



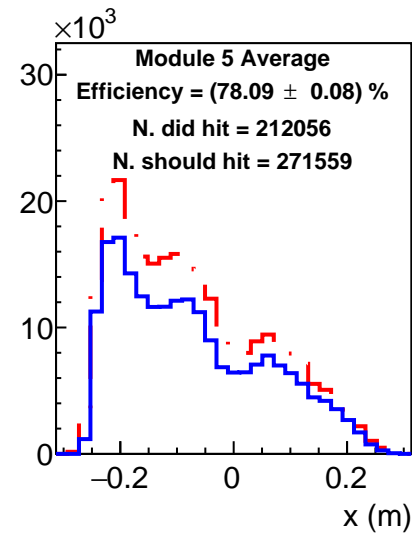
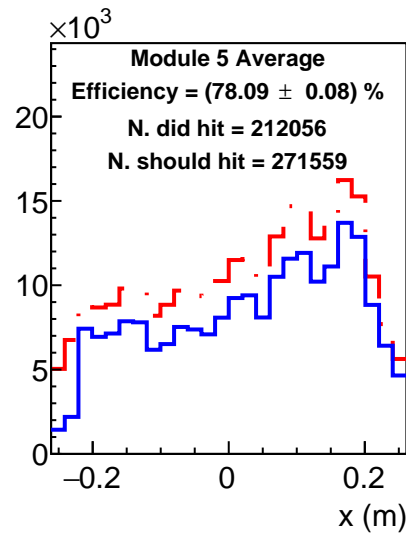
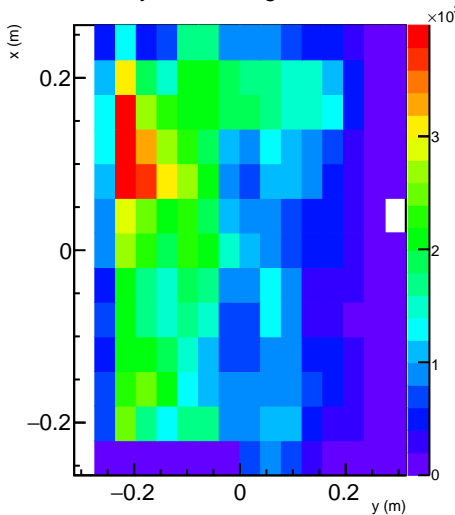
Track-based efficiency vs y, module m5



Track-based efficiency vs x and y, module m5

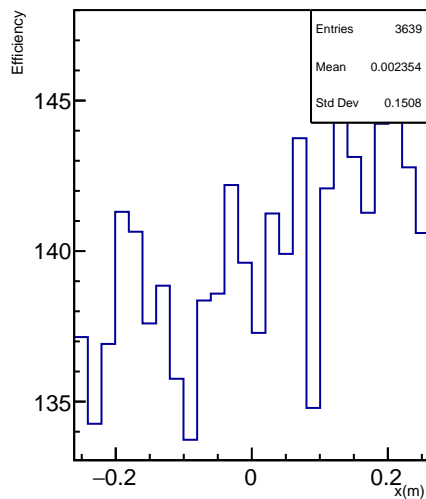


x vs y of hits on good tracks

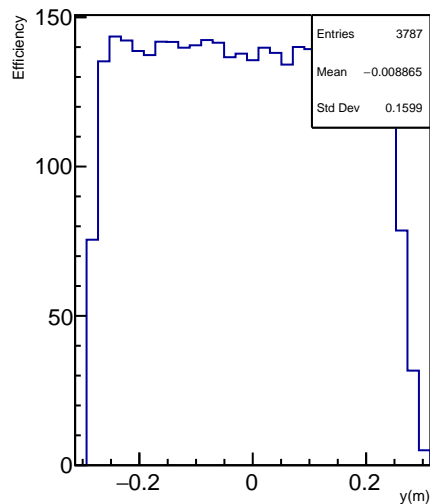


# Summary Plots(Run #13683) 12: Module 6 (UVA X/Y mid-layer) efficiencies

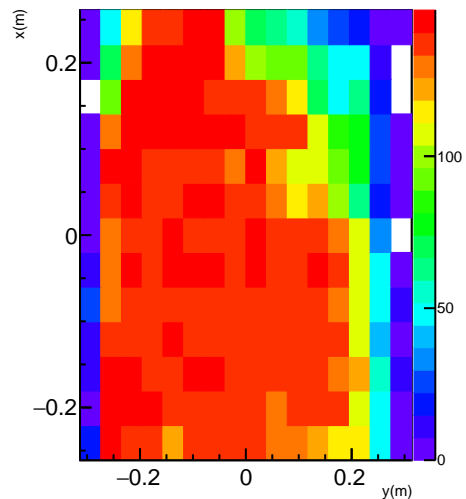
Track-based efficiency vs x, module m6



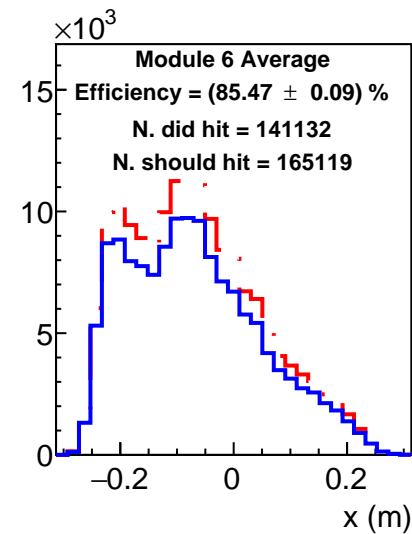
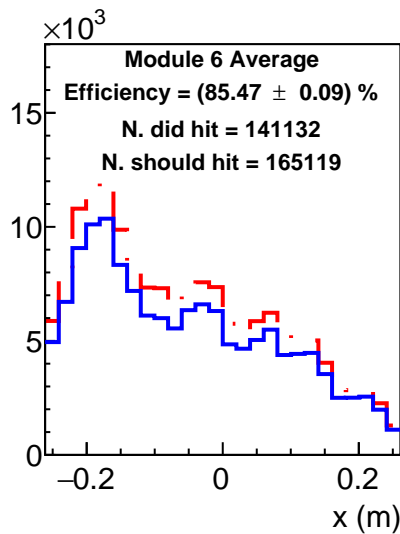
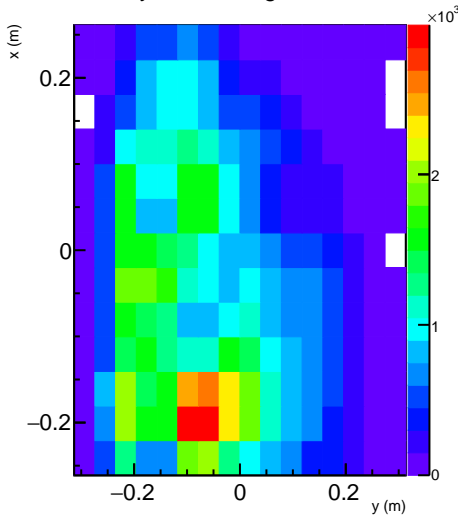
Track-based efficiency vs y, module m6



Track-based efficiency vs x and y, module m6

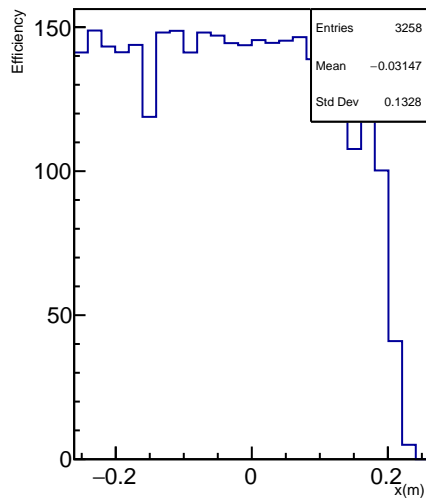


x vs y of hits on good tracks

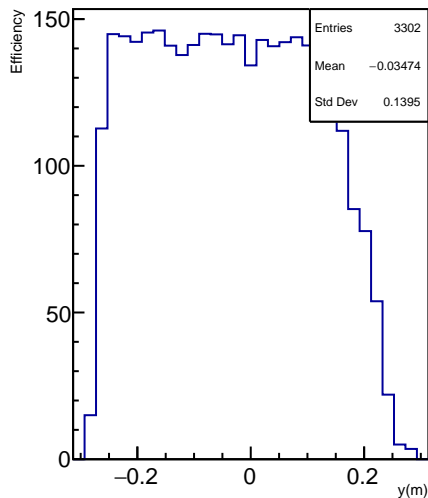


# Summary Plots(Run #13683) 13: Module 7 (UVA X/Y bottom) efficiencies

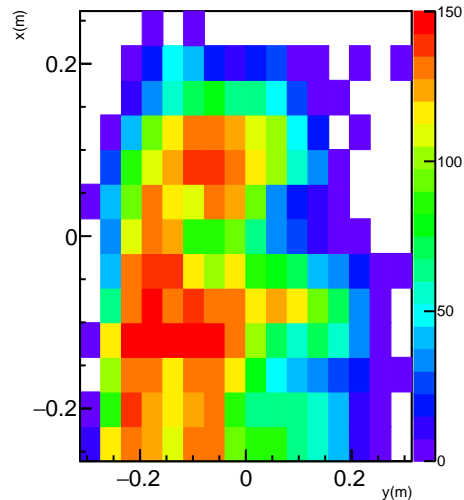
Track-based efficiency vs x, module m7



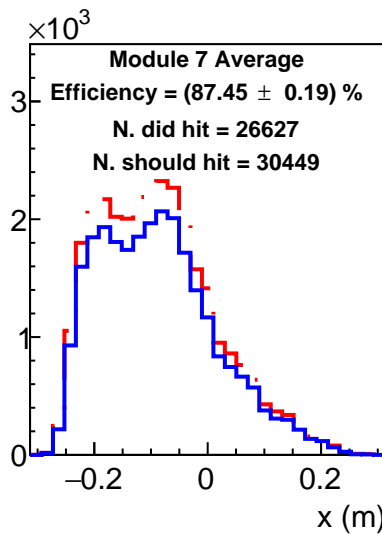
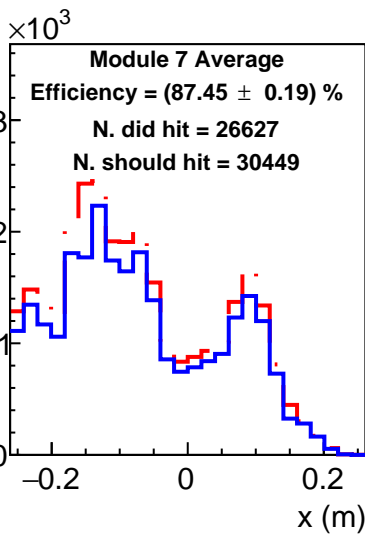
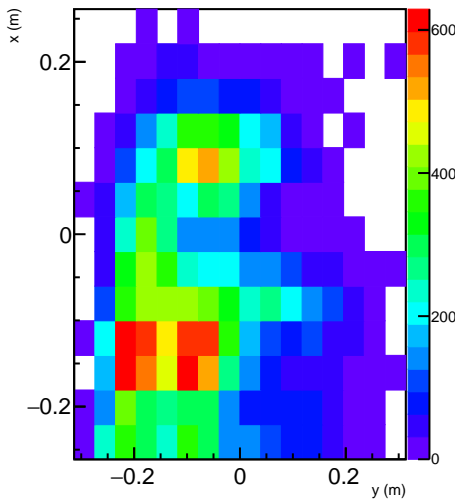
Track-based efficiency vs y, module m7



Track-based efficiency vs x and y, module m7

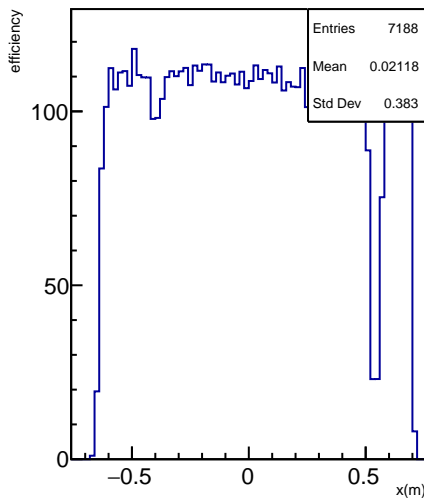


x vs y of hits on good tracks

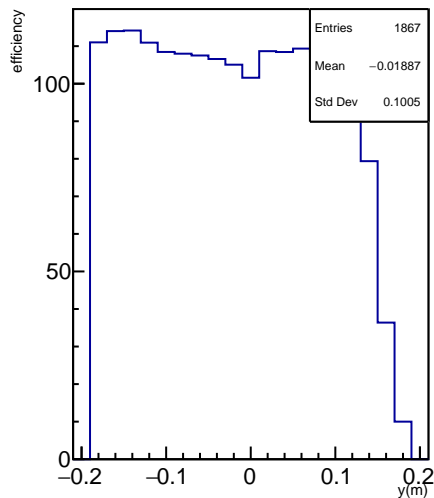


# Summary Plots(Run #13683) 14: Layer 0 efficiencies

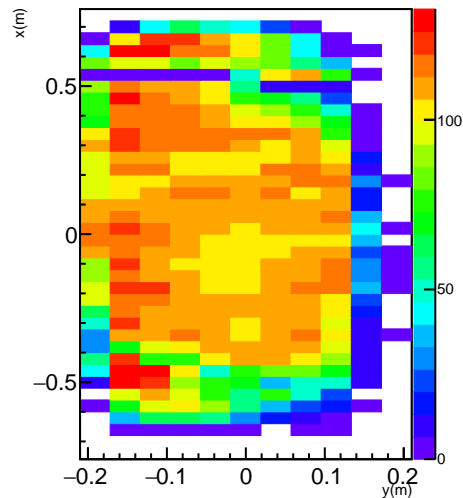
track-based efficiency vs x (m), averaged over y



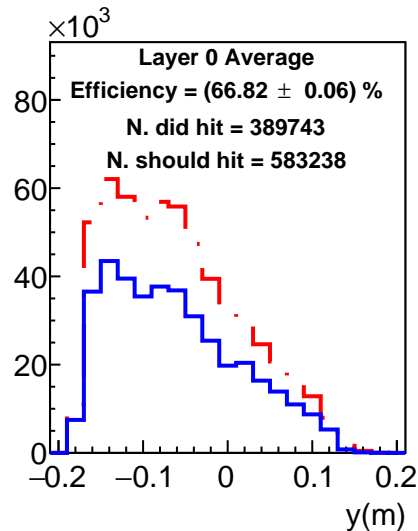
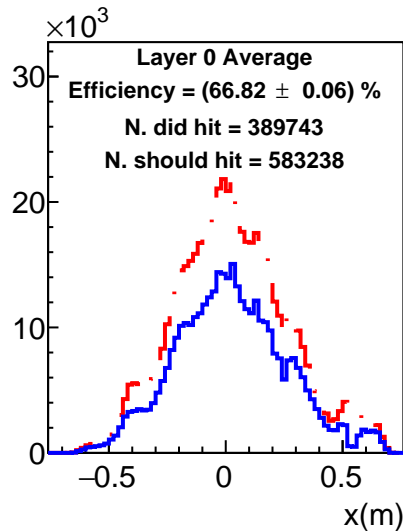
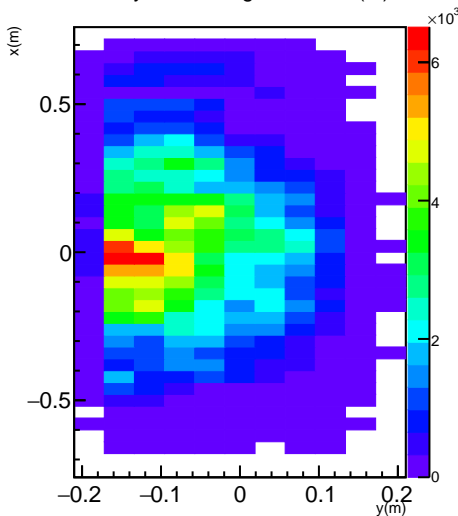
track-based efficiency vs y (m), averaged over x



track-based efficiency vs x, y

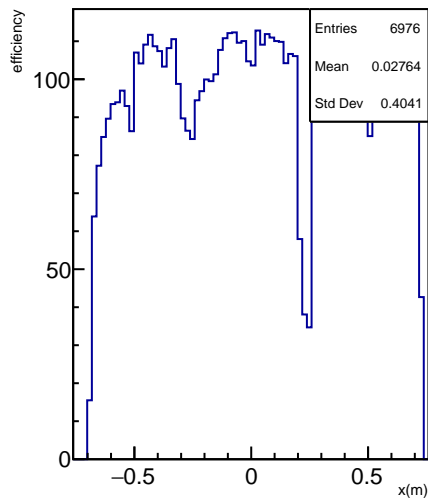


x vs y of hits on good tracks (m)

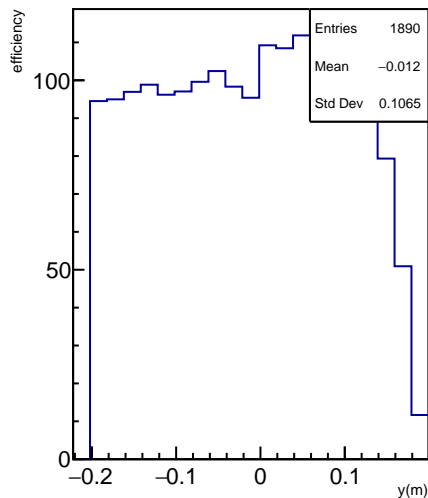


# Summary Plots(Run #13683) 15: Layer 1 efficiencies

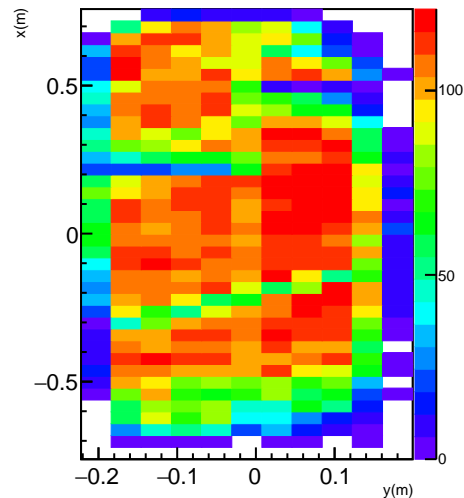
track-based efficiency vs x (m), averaged over y



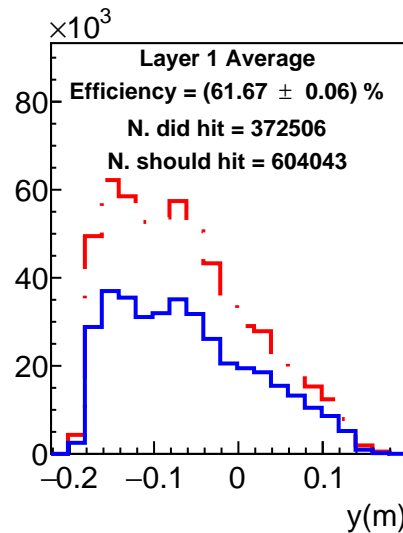
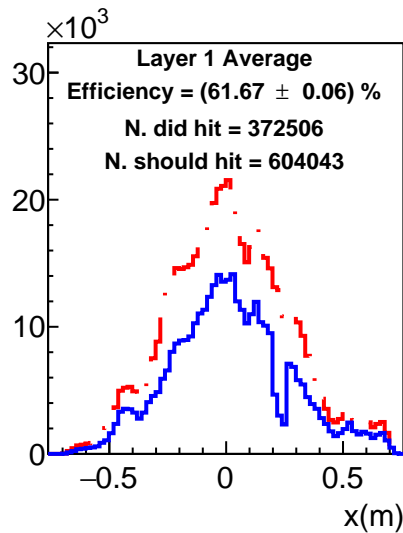
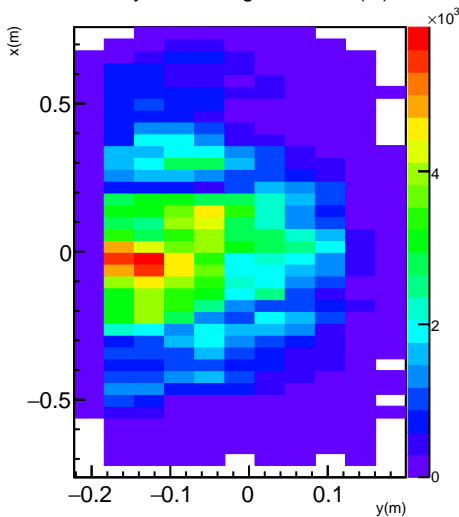
track-based efficiency vs y (m), averaged over x



track-based efficiency vs x, y



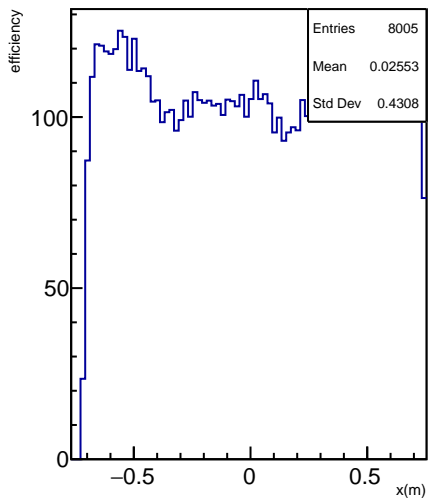
x vs y of hits on good tracks (m)



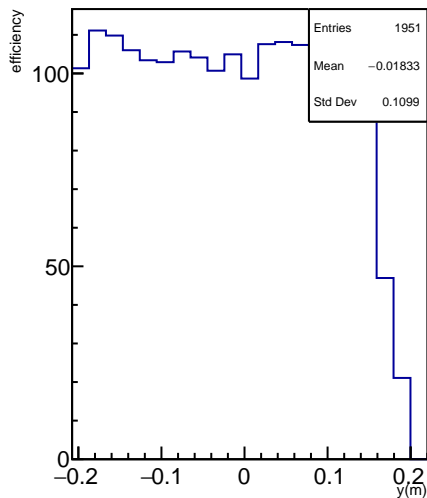


# Summary Plots(Run #13683) 16: Layer 2 efficiencies

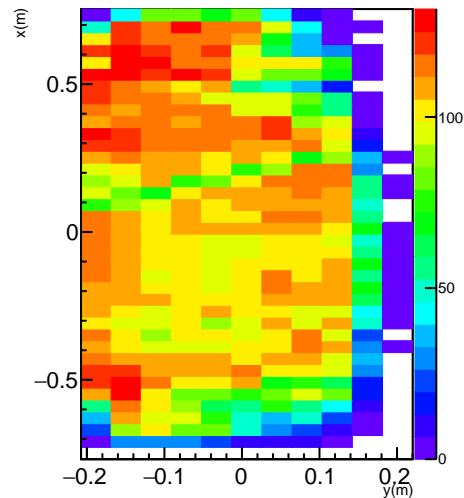
track-based efficiency vs x (m), averaged over y



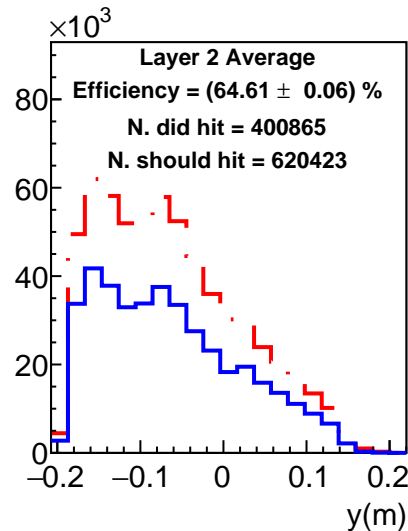
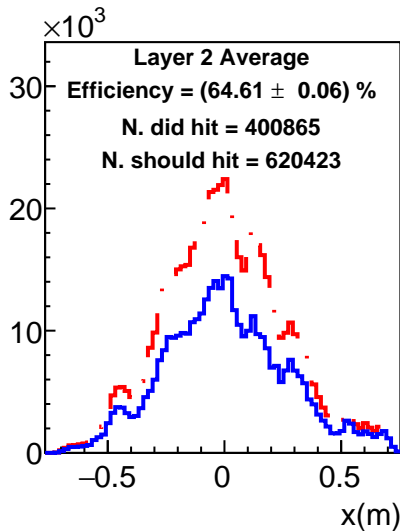
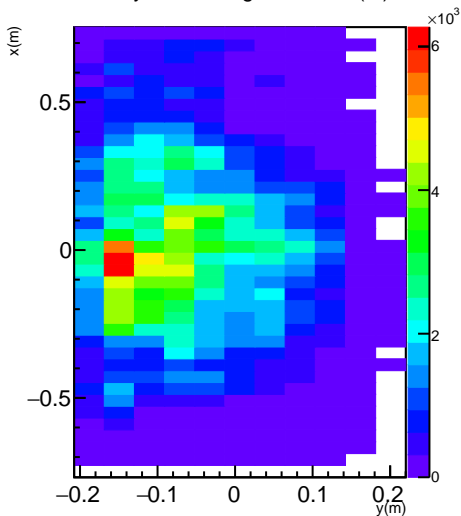
track-based efficiency vs y (m), averaged over x



track-based efficiency vs x, y

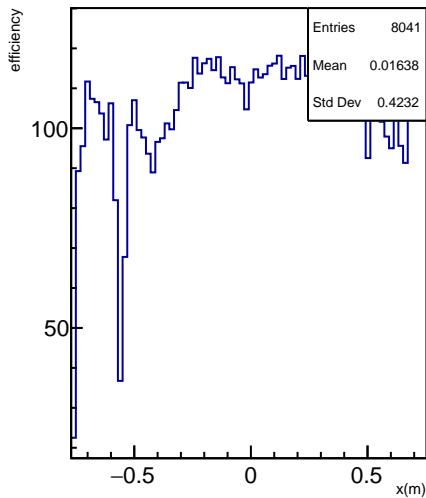


x vs y of hits on good tracks (m)

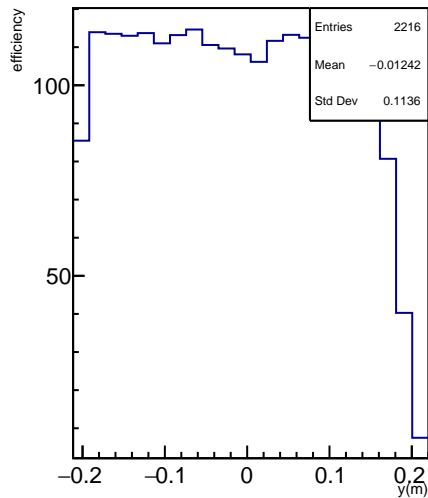


# Summary Plots(Run #13683) 17: Layer 3 efficiencies

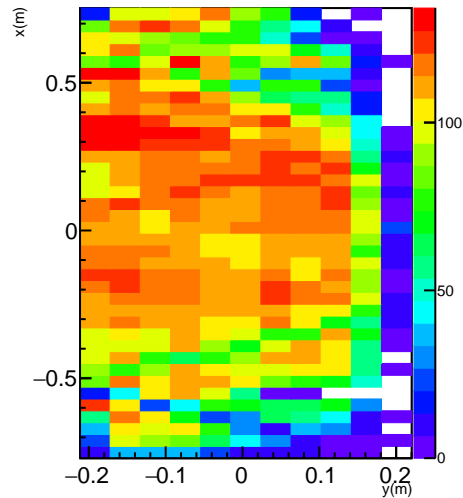
track-based efficiency vs x (m), averaged over y



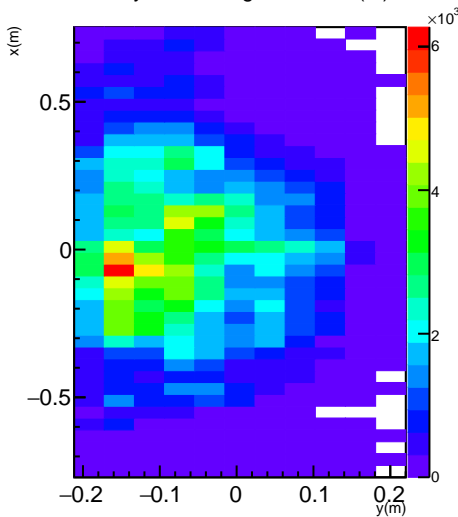
track-based efficiency vs y (m), averaged over x



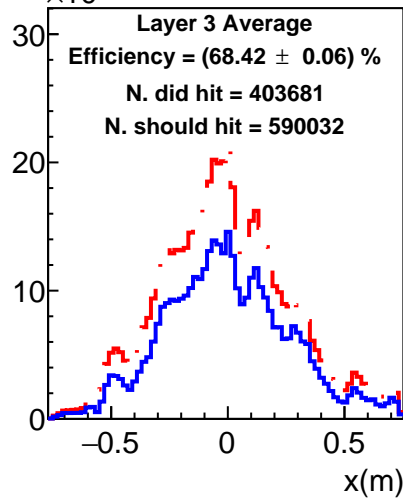
track-based efficiency vs x, y



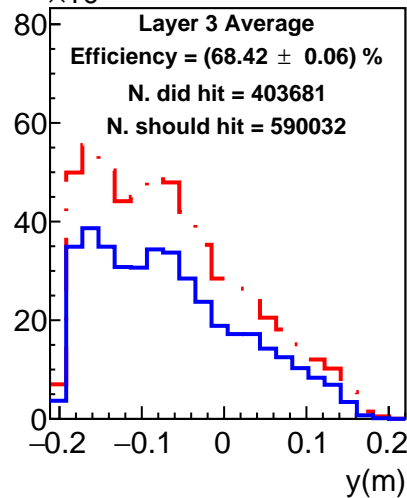
x vs y of hits on good tracks (m)



$\times 10^3$

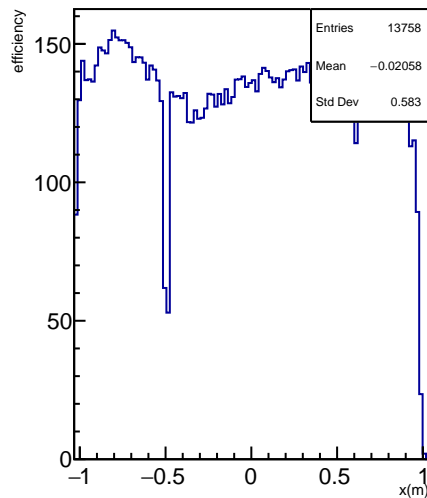


$\times 10^3$

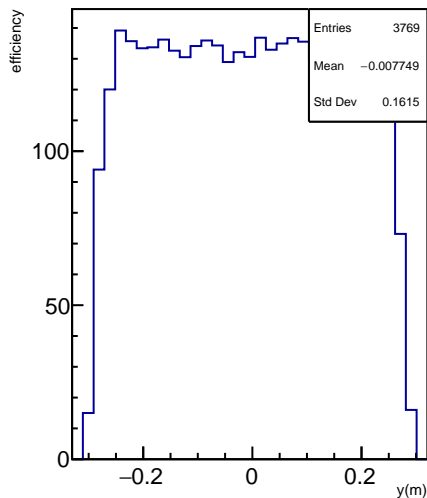


# Summary Plots(Run #13683) 18: Layer 4 efficiencies

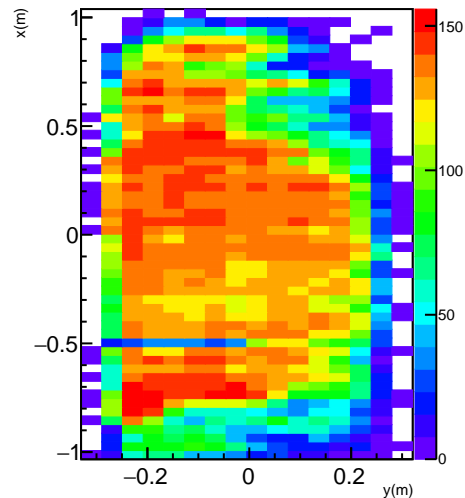
track-based efficiency vs x (m), averaged over y



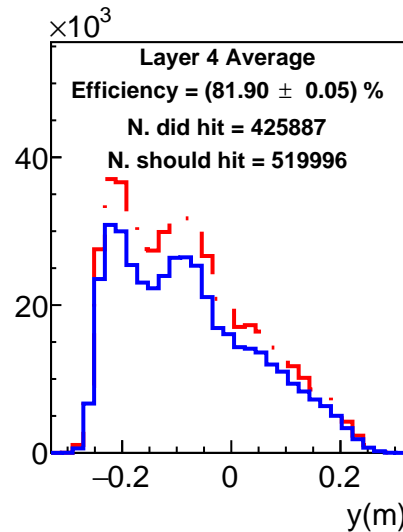
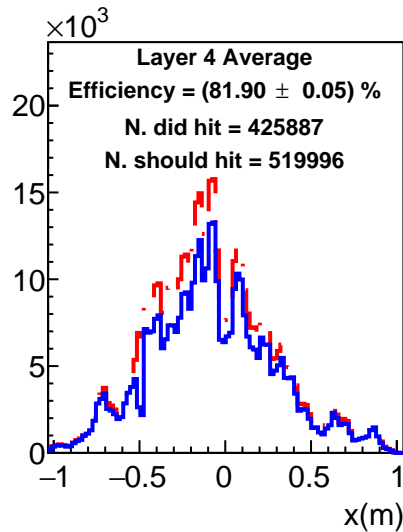
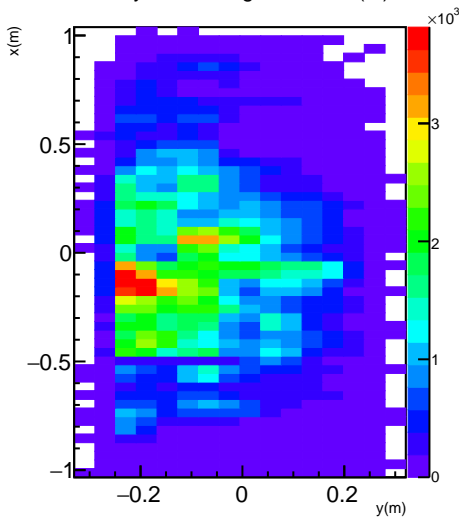
track-based efficiency vs y (m), averaged over x



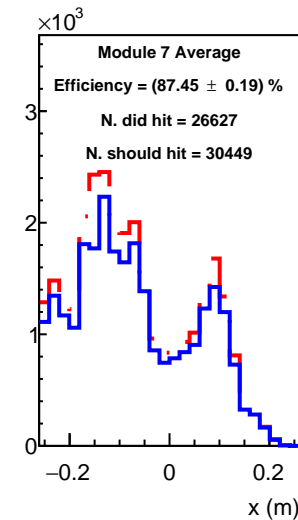
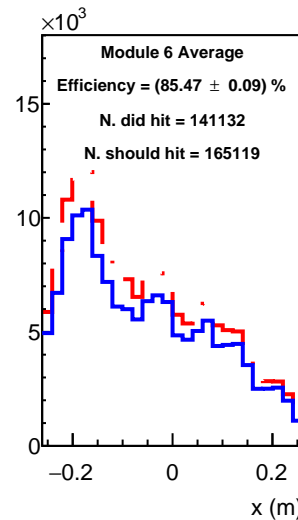
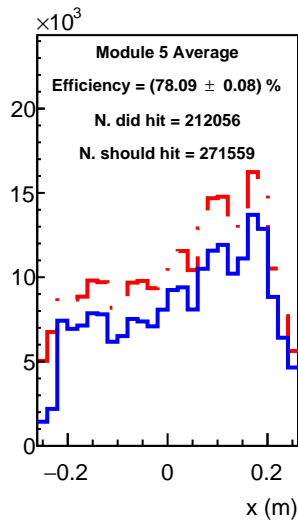
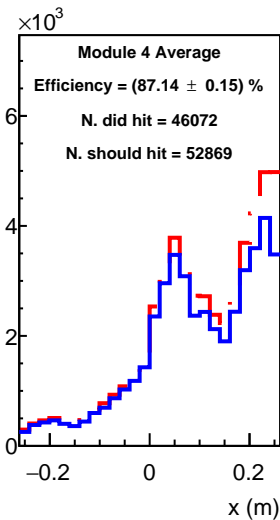
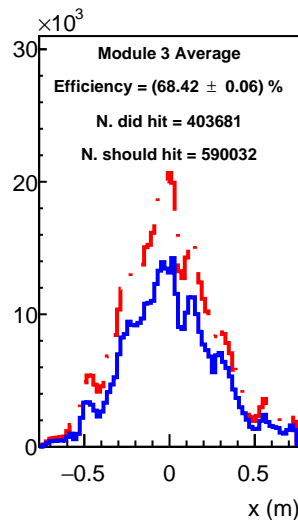
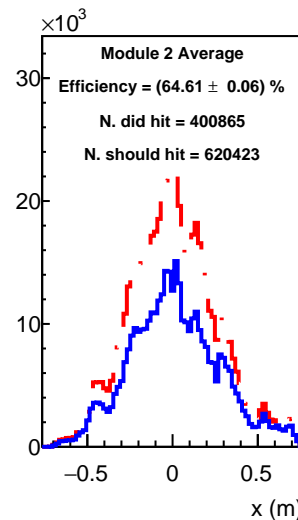
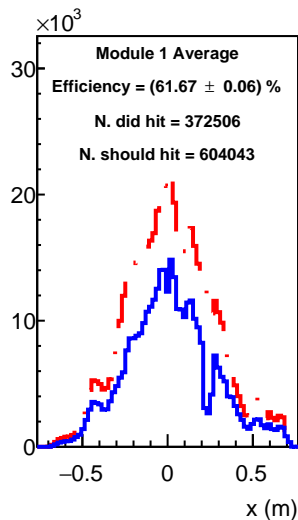
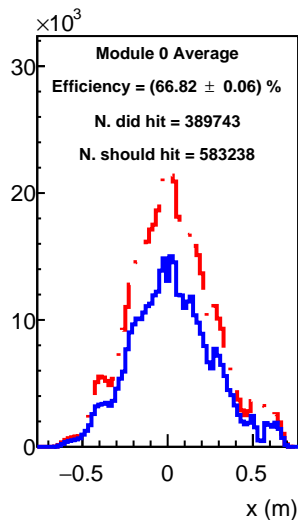
track-based efficiency vs x, y



x vs y of hits on good tracks (m)



# Summary Plots(Run #13683) 19: Module average efficiencies

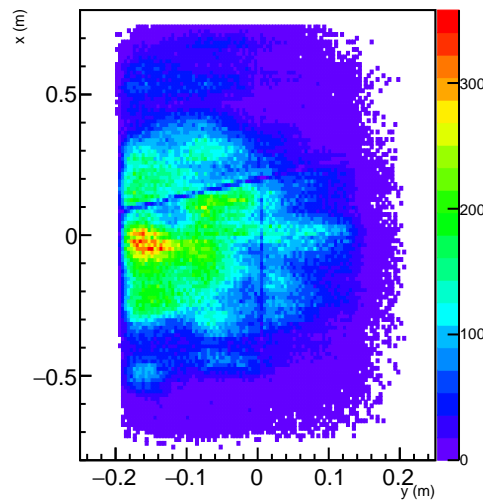
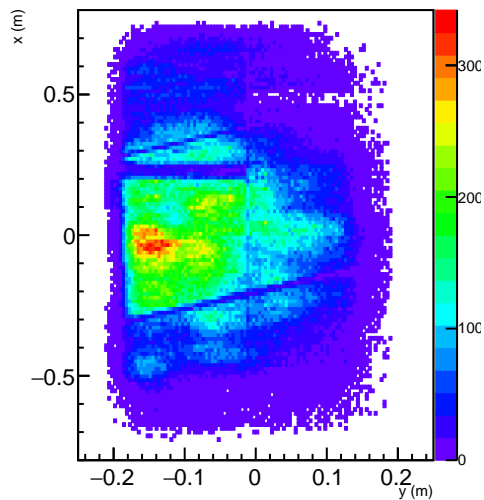
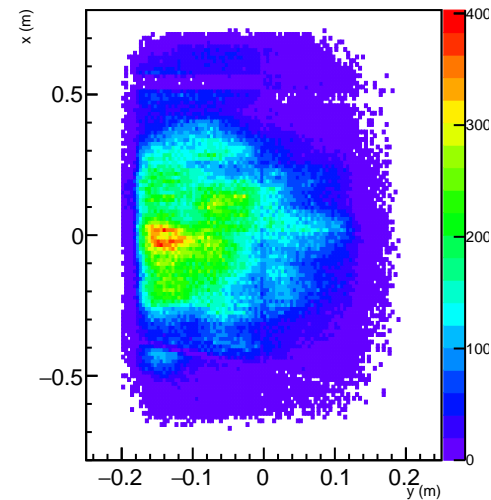


# Summary Plots(Run #13683) 20: Layer hit maps on good tracks

Layer 0

Layer 1

Layer 2



Layer 3

Layer 4

