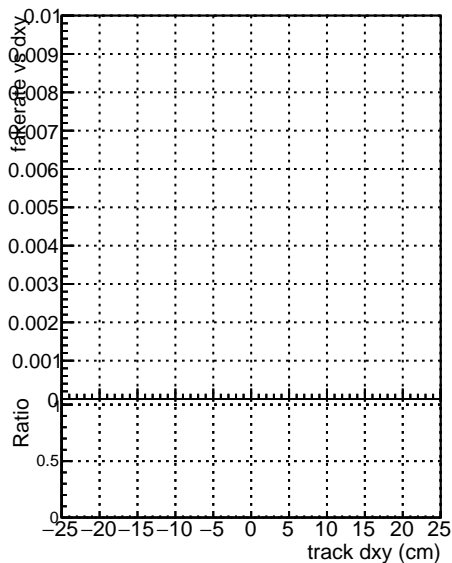
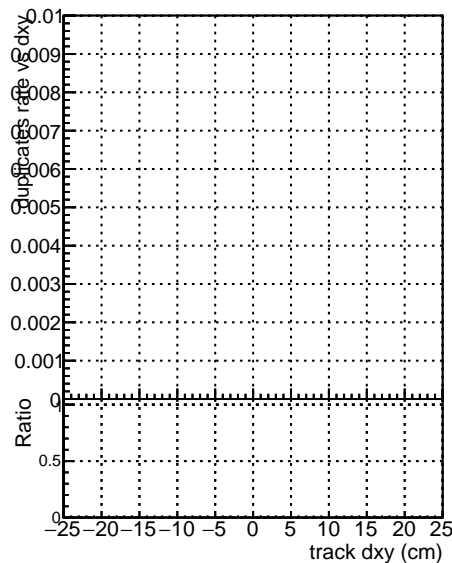


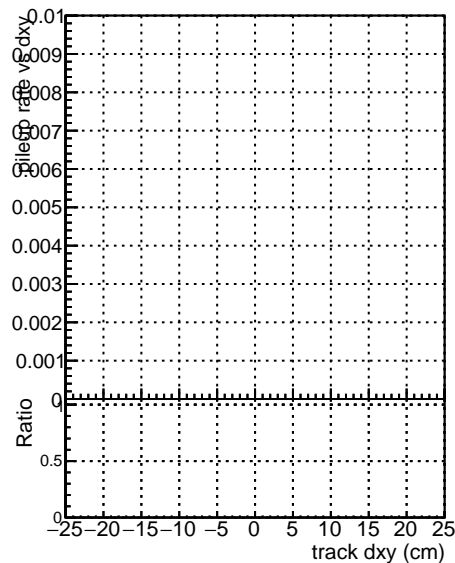
**Fake rate vs dxy**



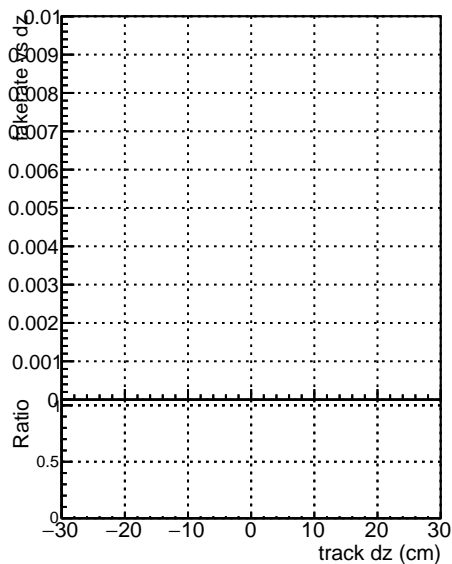
**Duplicates Rate vs Dxy**



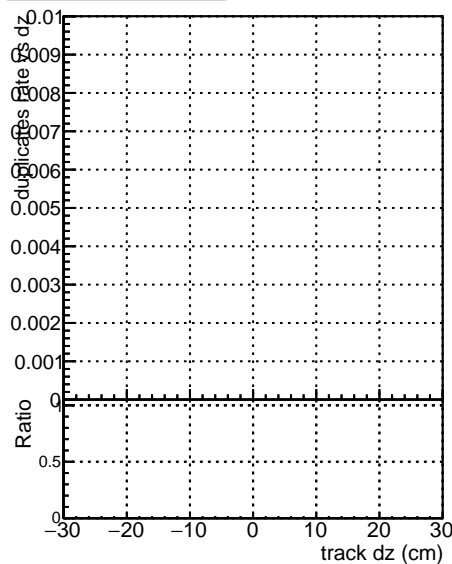
**Pileup rate vs dxy**



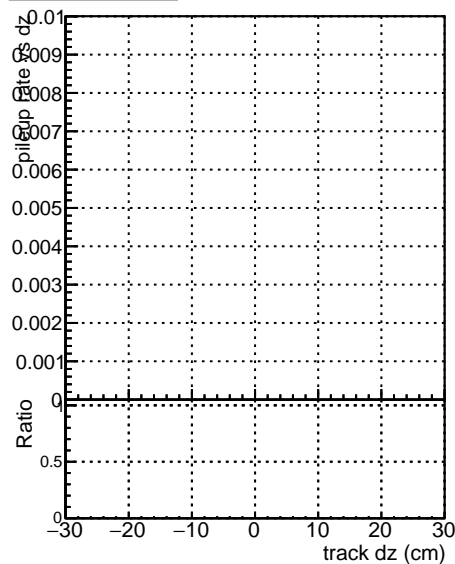
**Fake rate vs dz**



**Duplicates Rate vs Dxy**



**Pileup rate vs dxy**



old baseline  
simulated data  
all data seeds