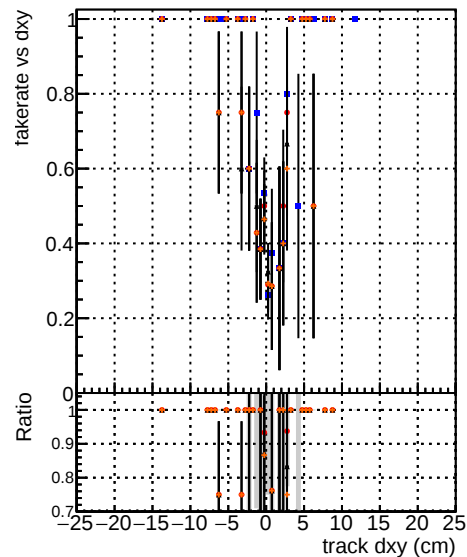
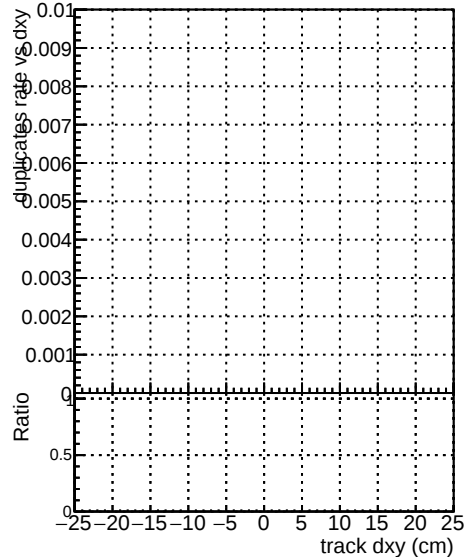


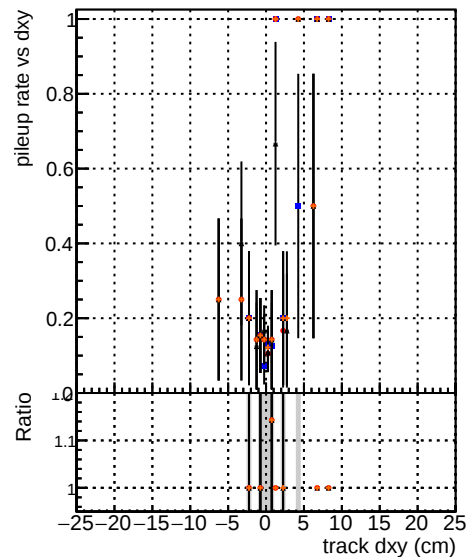
**Fake rate vs dxy**



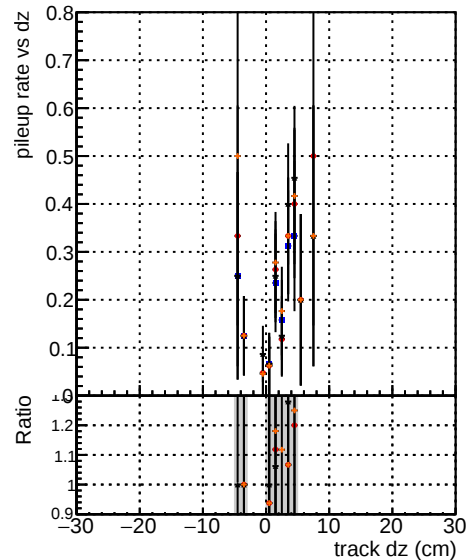
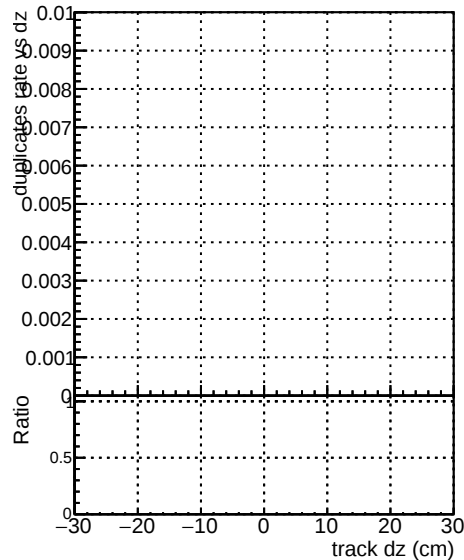
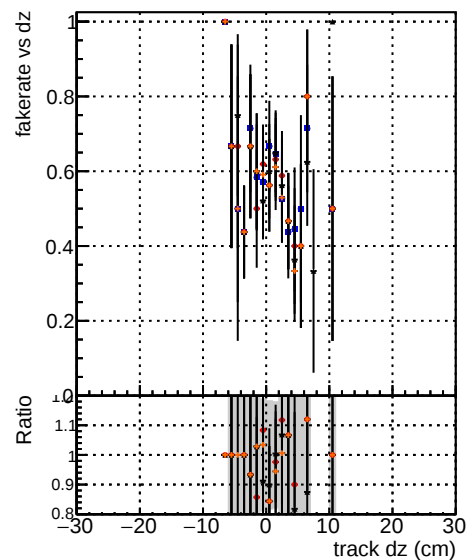
**Duplicates Rate vs Dxy**



**Pileup rate vs dxy**



**Fake rate vs dz**



DQM TT original noPU  
 DQM TT original noPU  
 DQM TT original noPU  
 DQM TT original noPU