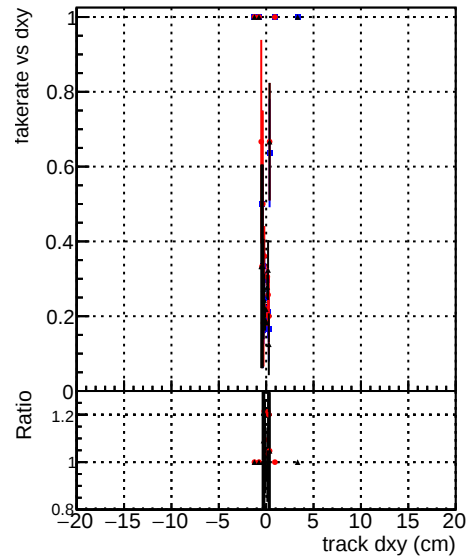
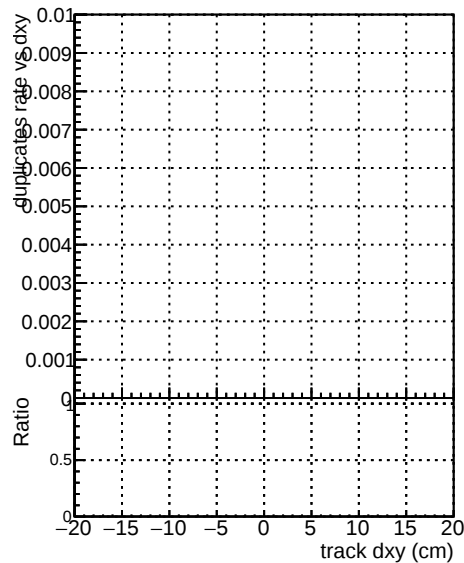


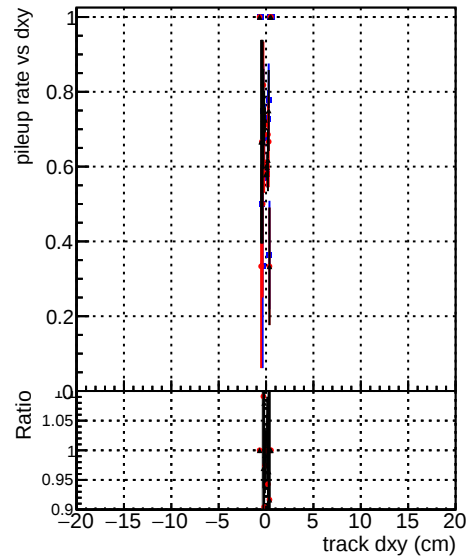
**Fake rate vs dxy**



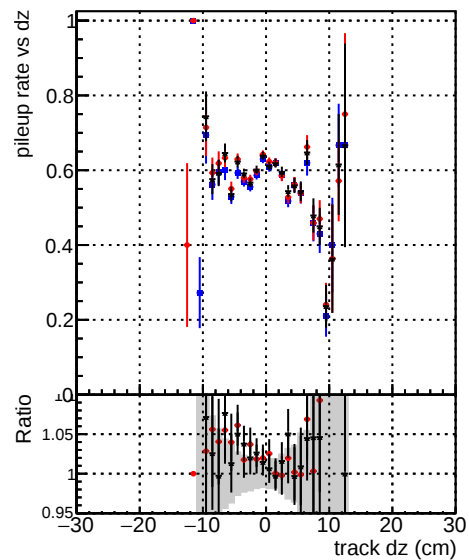
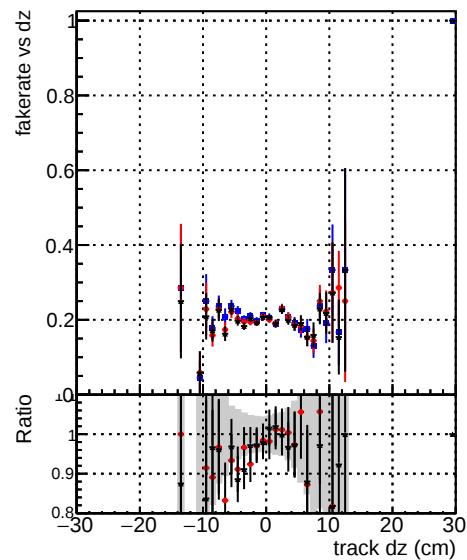
**Duplicates Rate vs Dxy**



**Pileup rate vs dxy**



**Fake rate vs dz**



DOM original step2 tbar-phase1-newgeom  
DOM pixelCPE template step2 tbar-phase1-newgeom  
DOM pixelCPE template cutchisquareNew/ step2 tbar-phase1-newgeom