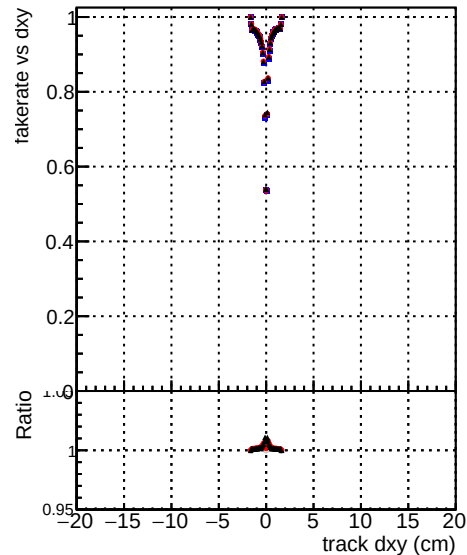
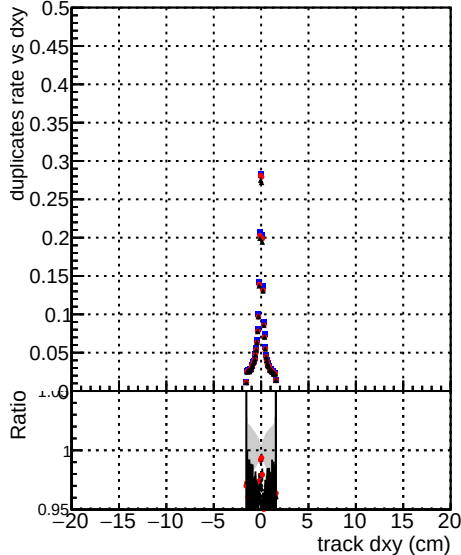


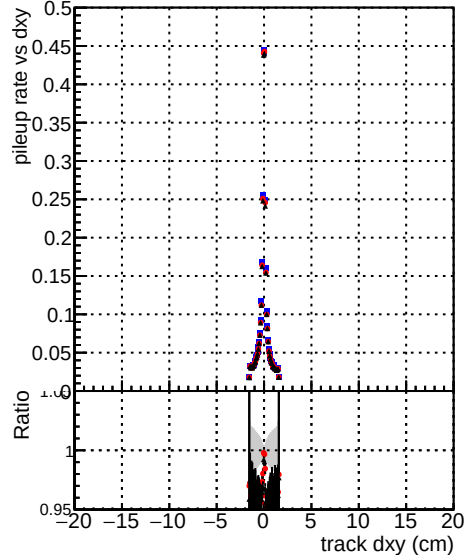
**Fake rate vs dxy**



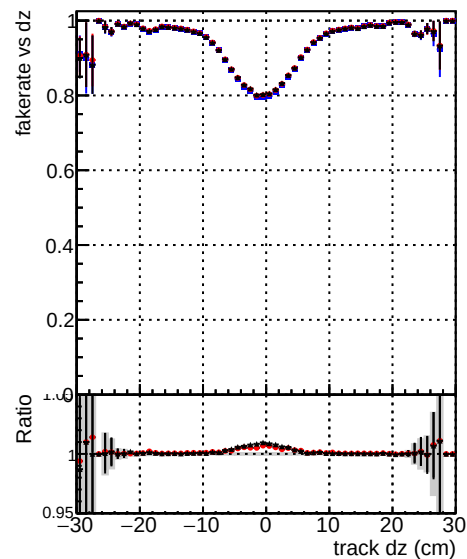
**Duplicates Rate vs Dxy**



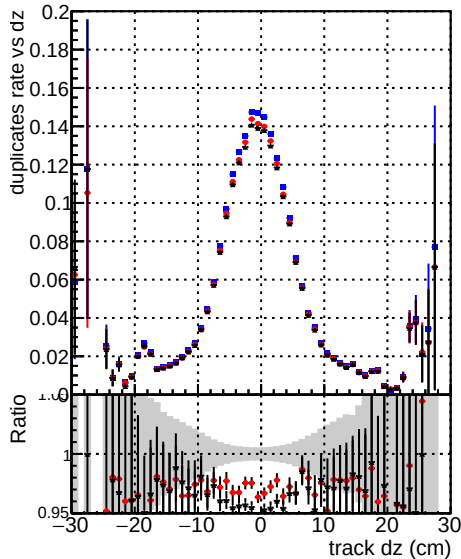
**Pileup rate vs dxy**



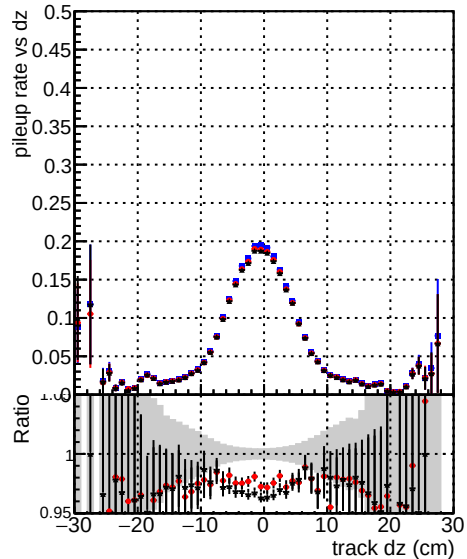
**Fake rate vs dz**



**Duplicates Rate vs Dxy**



**Pileup rate vs dxy**



DOM original\_step2\_tbar-phase1-newgeom  
 DOM pixelCPEtemplate\_step2\_tbar-phase1-newgeom  
 DOM pixelCPEtemplatecuttsquares\_step2\_tbar-phase1-newgeom