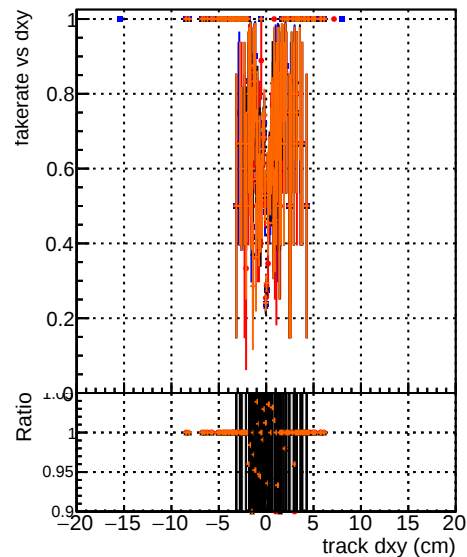
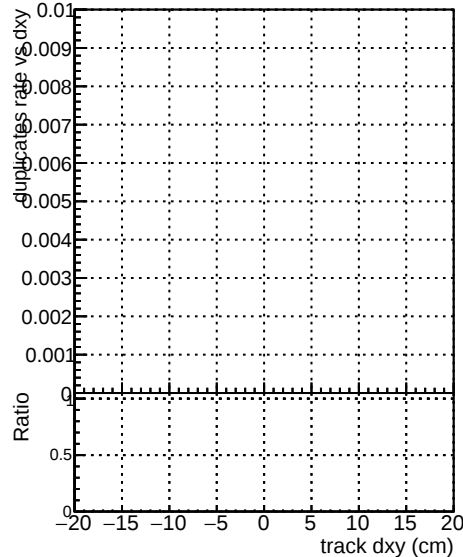


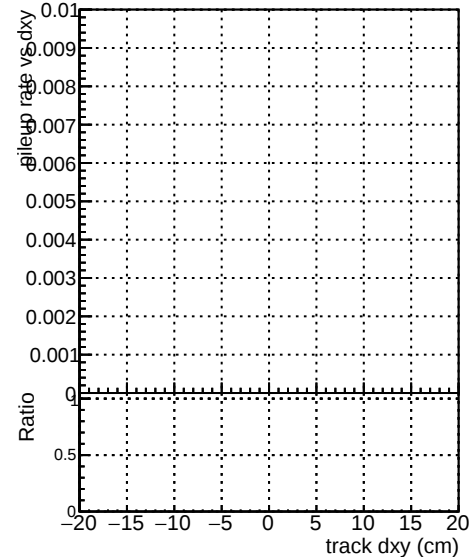
**Fake rate vs dxy**



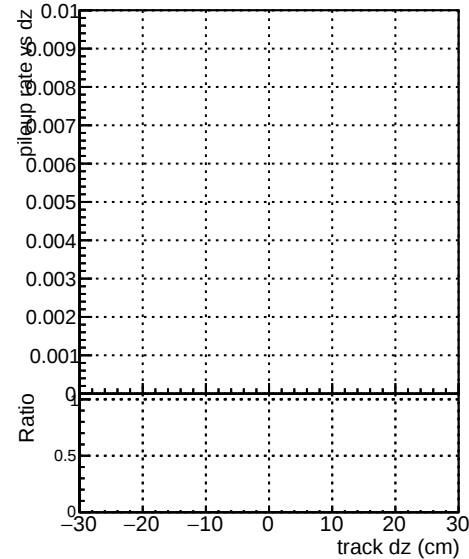
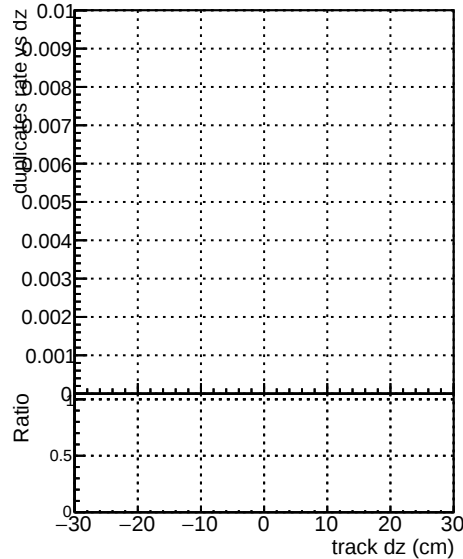
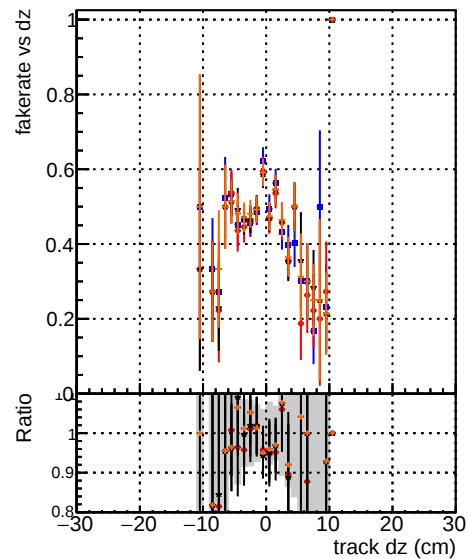
**Duplicates Rate vs Dxy**



**Pileup rate vs dxy**



**Fake rate vs dz**



DOM original\_step2\_tthar\_phase1\_newgeom  
 DOM pixelCPEtemplate\_step2\_tthar\_phase1\_newgeom  
 DOM pixelCPEtemplate\_CutchiSquare5\_test\_step2\_tthar\_phase1\_newgeom