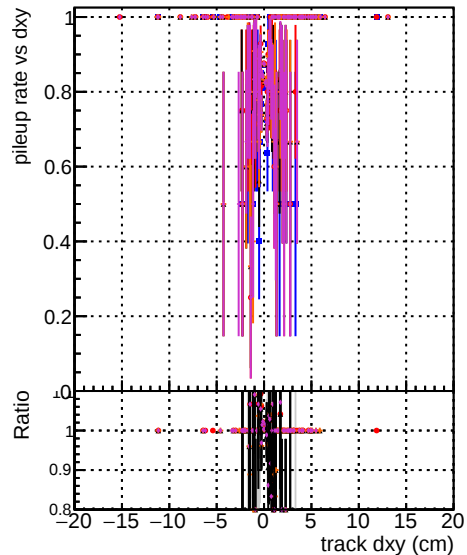
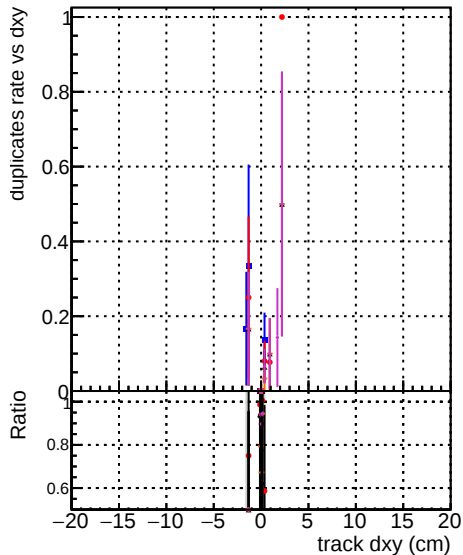
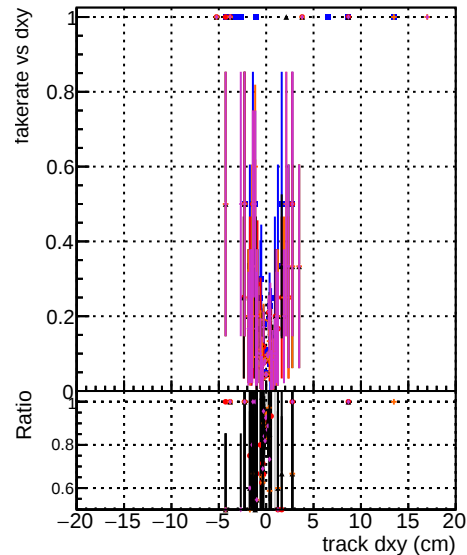


**Fake rate vs dxy**

**Duplicates Rate vs Dxy**

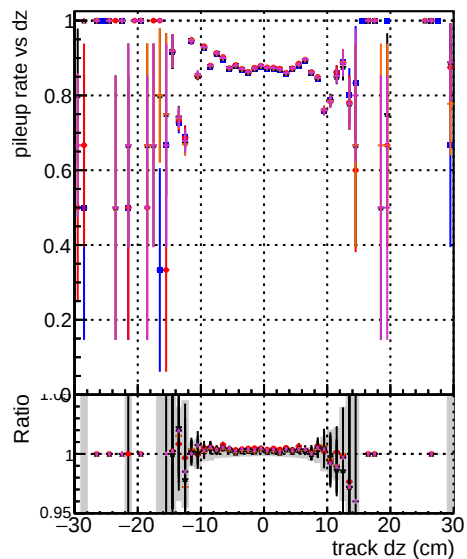
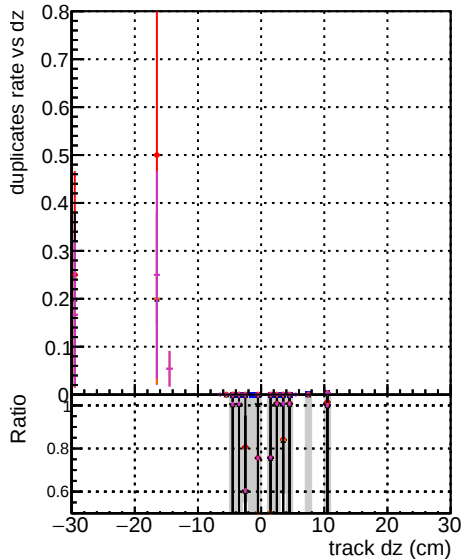
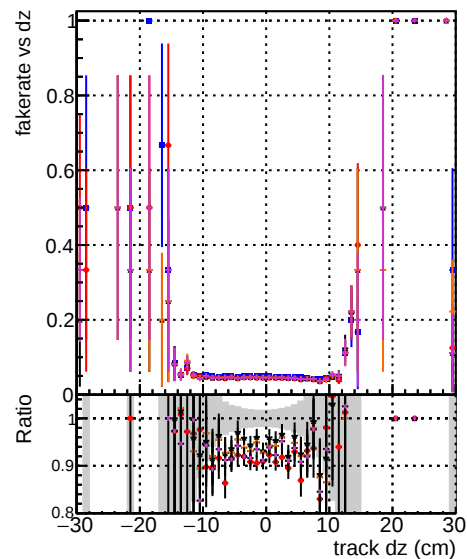
**Pileup rate vs dxy**



**Fake rate vs dz**

**Duplicates rate vs dz**

**Pileup rate vs dz**



DOM original\_step2\_tbar\_phase1\_newgeom  
DOM pileup\_ETemplateCutHiggsSquareNew3\_step2\_tbar\_phase1\_newgeom  
DOM fake\_ETemplateCutHiggsSquareNew3\_step2\_tbar\_phase1\_newgeom