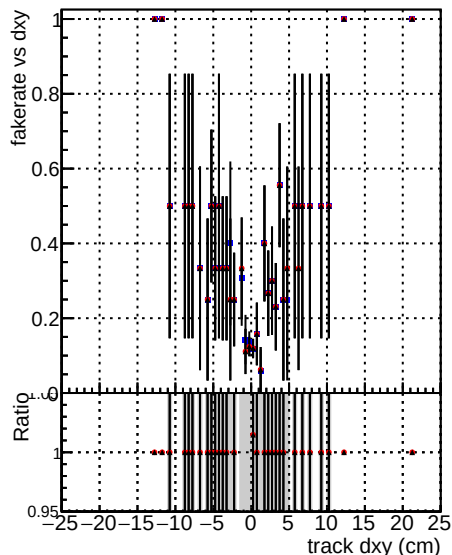
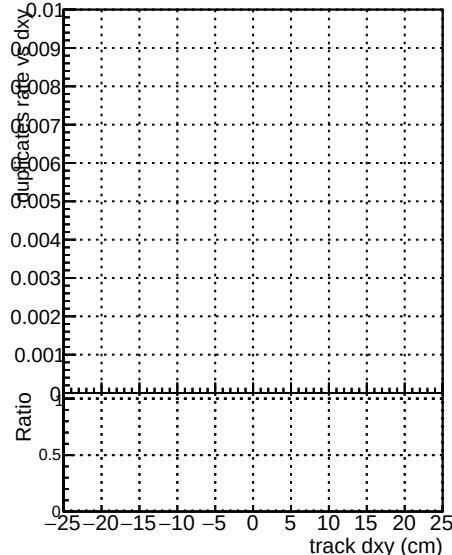


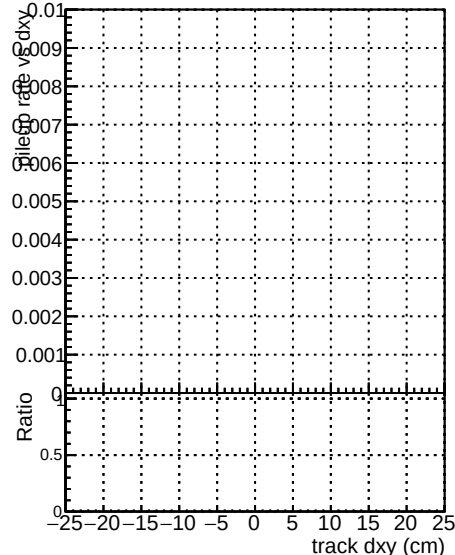
**Fake rate vs dxy**



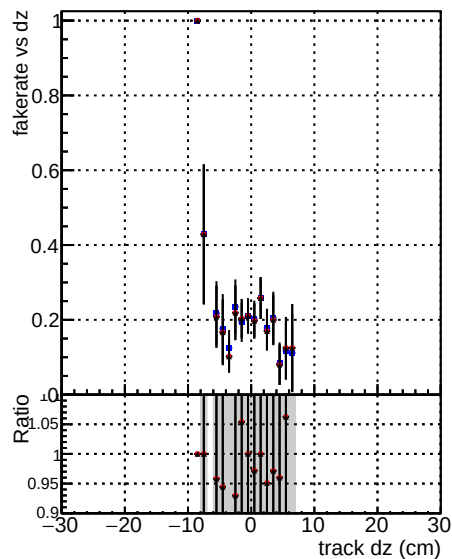
**Duplicates Rate vs Dxy**



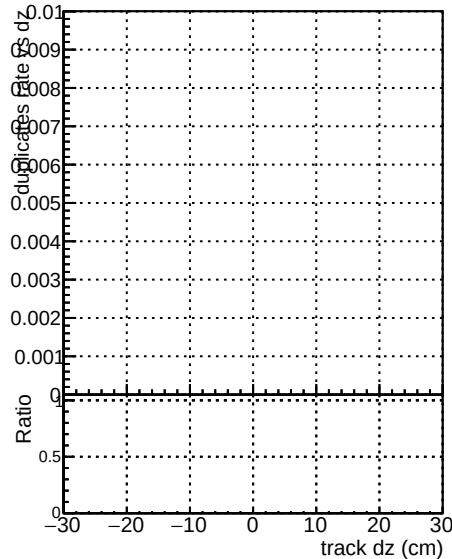
**Pileup rate vs dxy**



**Fake rate vs dz**



**Duplicates Rate vs Dz**



**Pileup rate vs dz**

