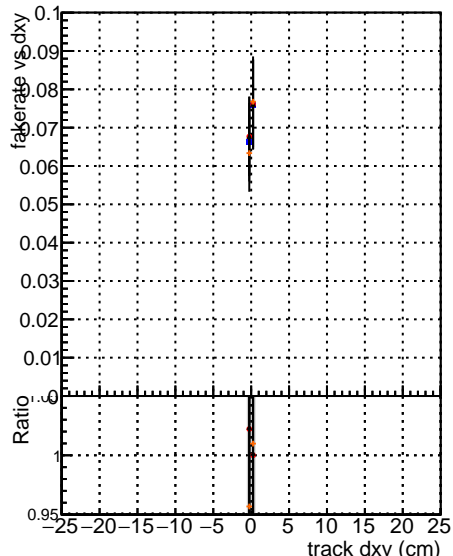
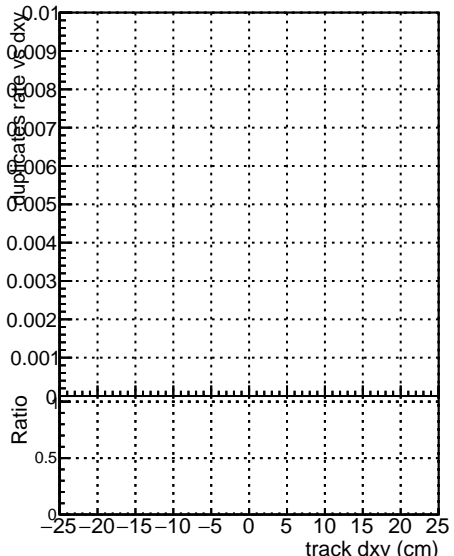


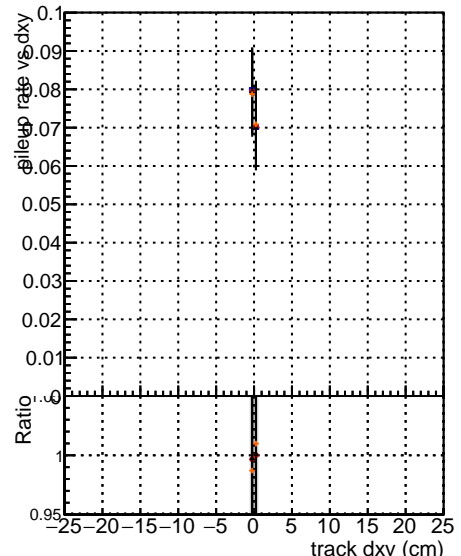
**Fake rate vs dxy**



**Duplicates Rate vs Dxy**

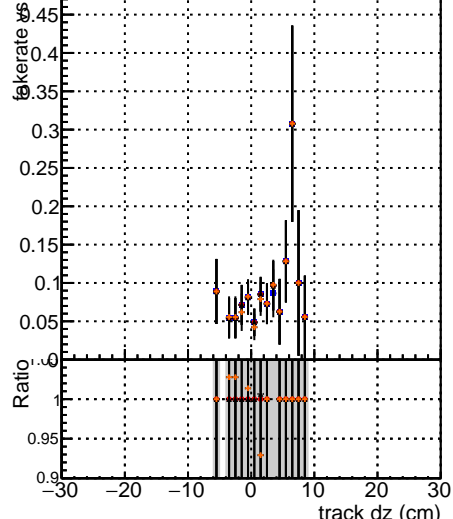


**Pileup rate vs dxy**

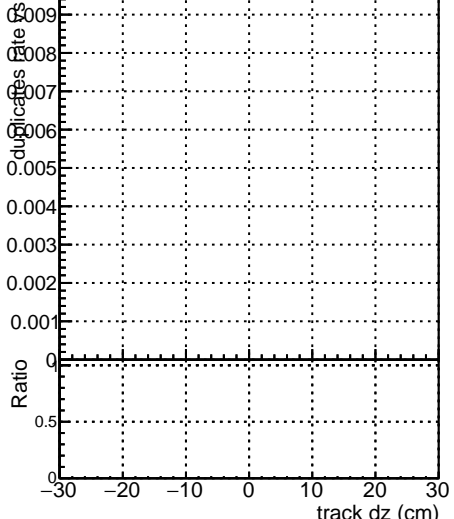


█ BGM v0001 B0000000001 Global fit Original RECO  
█ BGM v0001 B0000000001 Global fit New Det33 RECO  
█ BGM v0001 B0000000001 Global fit New Det33 RECO

**Fake rate vs dz**



**Duplicates Rate vs Dzy**



**Pileup rate vs dz**

