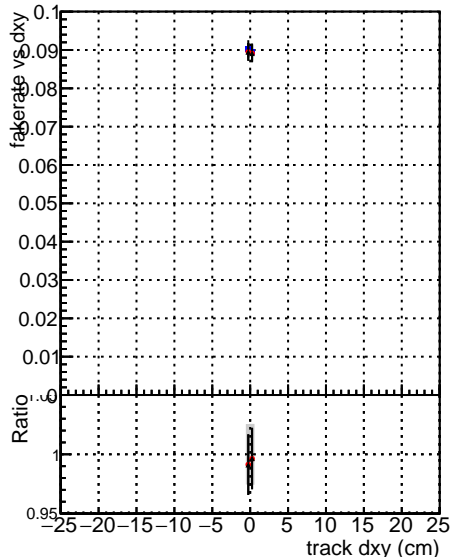
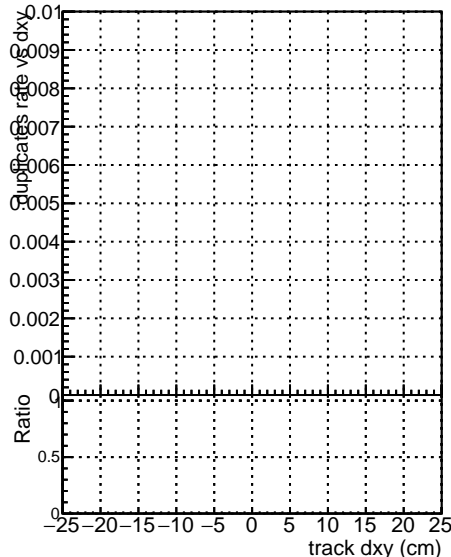


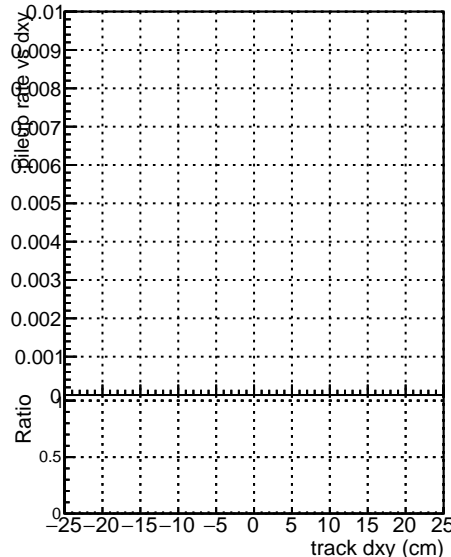
**Fake rate vs dxy**



**Duplicates Rate vs Dxy**

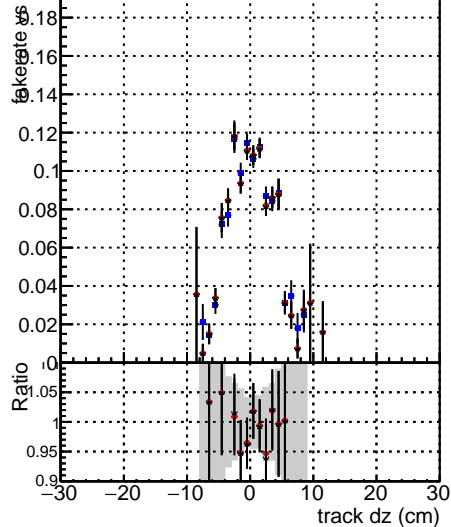


**Pileup rate vs dxy**

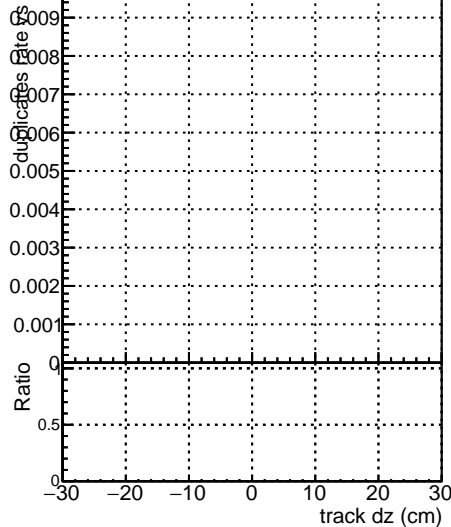


— DGM V0001 R0000000001 Global cms-sw-1000time RECO  
— DGM V0001 R0000000001 Global mkFitNewSEED1000time RECO  
— DGM V0001 R0000000001 Global

**Fake rate vs dz**



**Duplicates Rate vs Ddz**



**Pileup rate vs dz**

