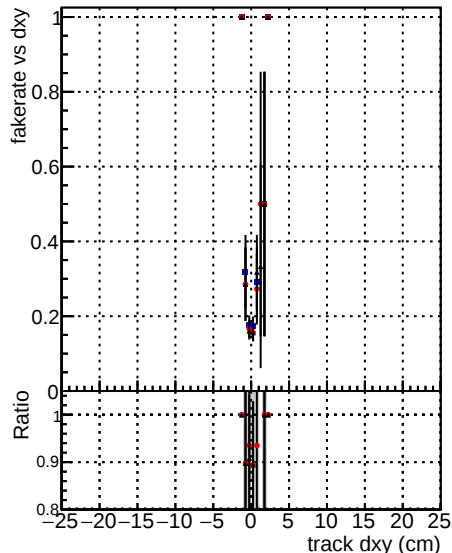


**Fake rate vs dxy**



**Duplicates Rate vs Dxy**

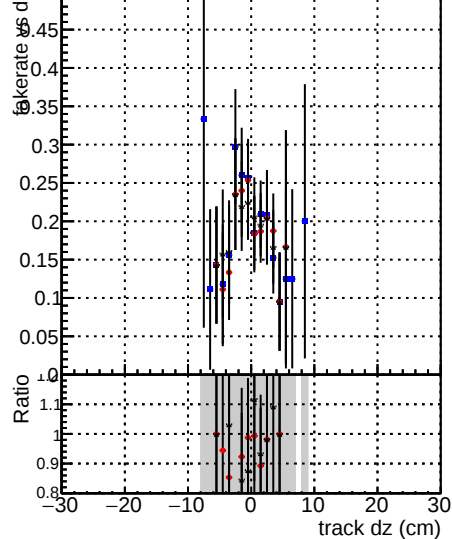


**Pileup rate vs dxy**

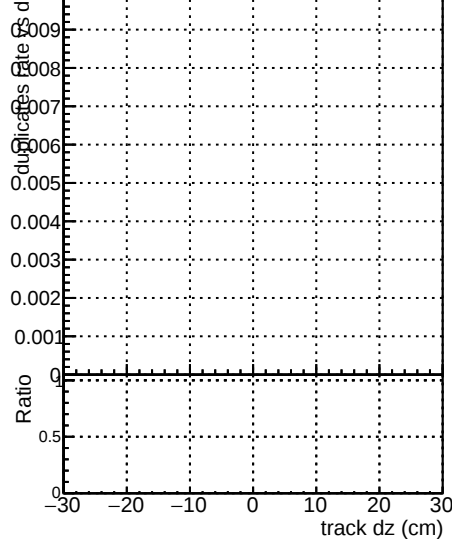


Legend for Fake rate vs d: DOM V0001 (blue dots), DOM V0001 R0000000001 (red dots), Global (black line). Legend for Duplicates Rate vs Dxy: cms-sw1000time RECO (blue dots), Global mktNewOLD1000time RECO (red dots), Global mktNewTEST1000time RECO (black line). Legend for Pileup rate vs dxy: cms-sw1000time RECO (blue dots), Global mktNewOLD1000time RECO (red dots), Global mktNewTEST1000time RECO (black line).

**Fake rate vs dz**



**Duplicates Rate vs Dxy**



**Pileup rate vs dxy**

