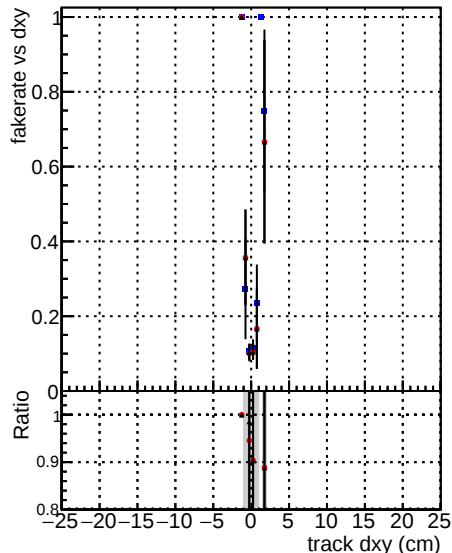


**Fake rate vs dxy**



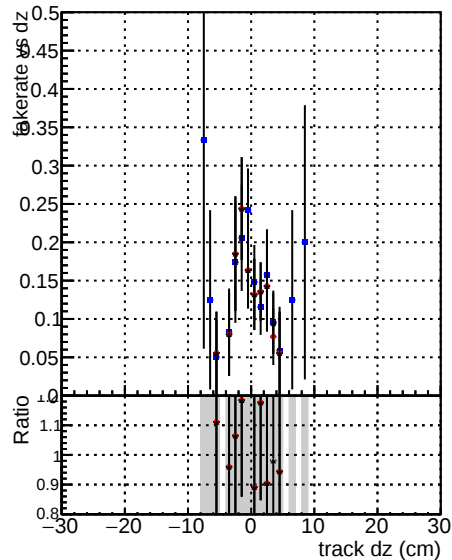
**Duplicates Rate vs Dxy**



**Pileup rate vs dxy**



**Fake rate vs dz**



**Duplicates Rate vs DZ**



**Pileup rate vs dz**

