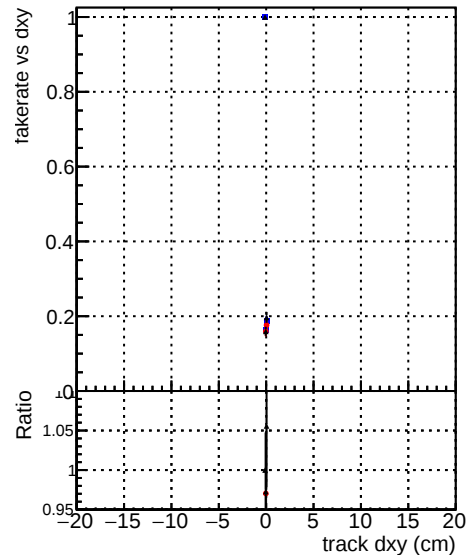
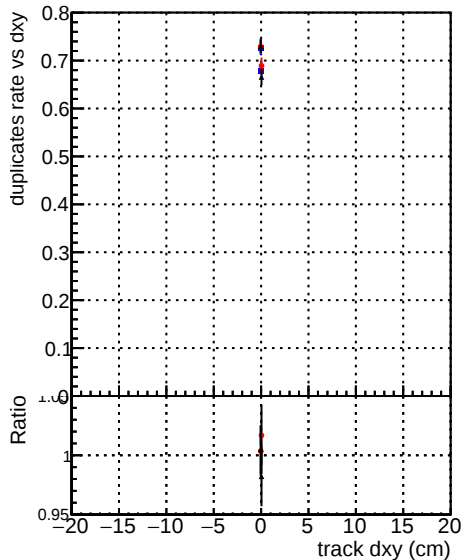


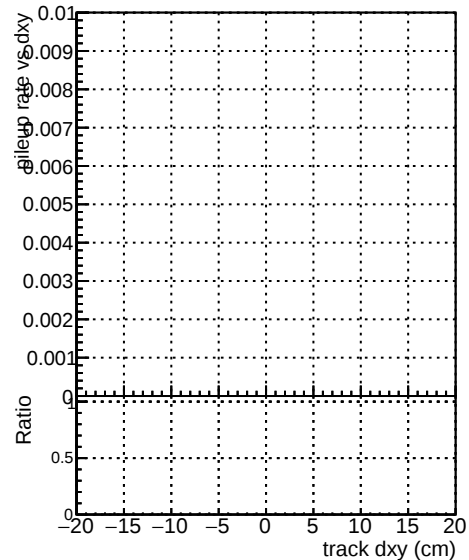
**Fake rate vs dxy**



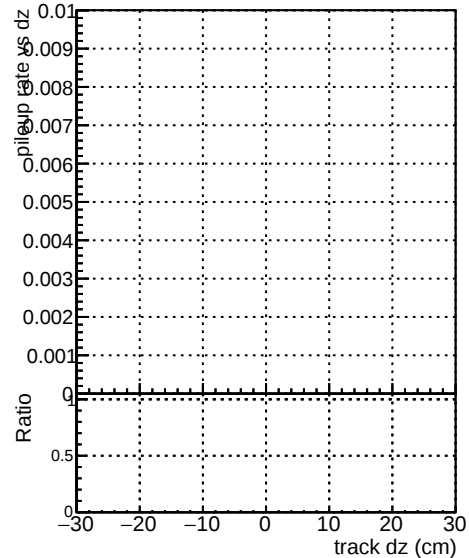
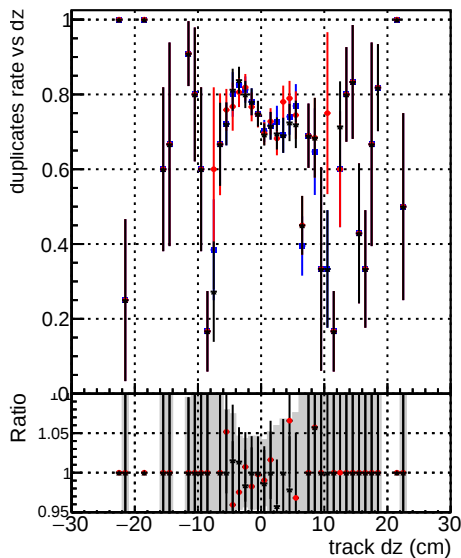
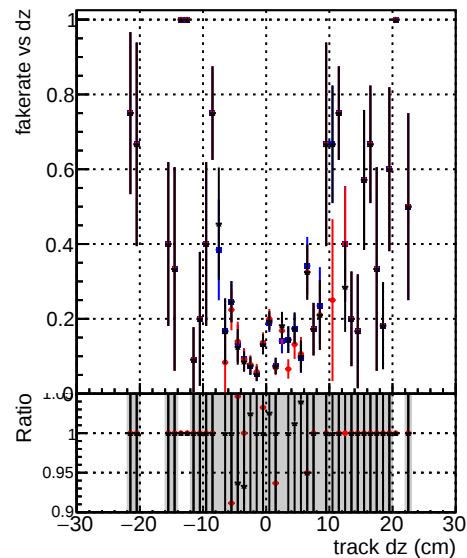
**Duplicates Rate vs Dxy**



**Pileup rate vs dxy**



**Fake rate vs dz**



DOM original step2 pt1000 eta1p6to2p0  
DOM ml fit step2 pt1000 eta1p6to2p0  
DOM pixel CPE template step2 pt1000 eta1p6to2p0