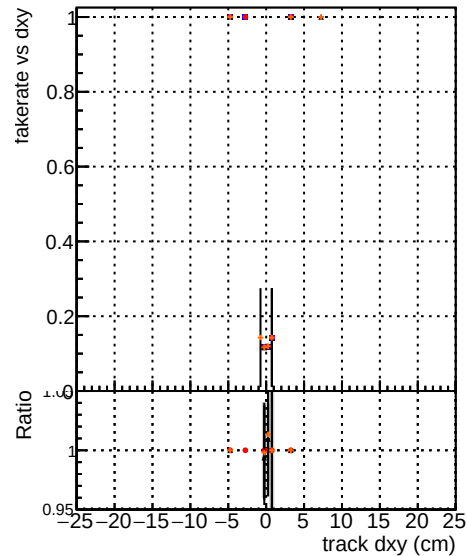
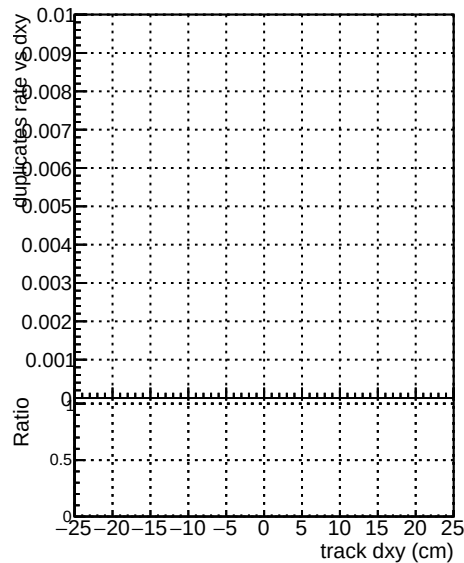


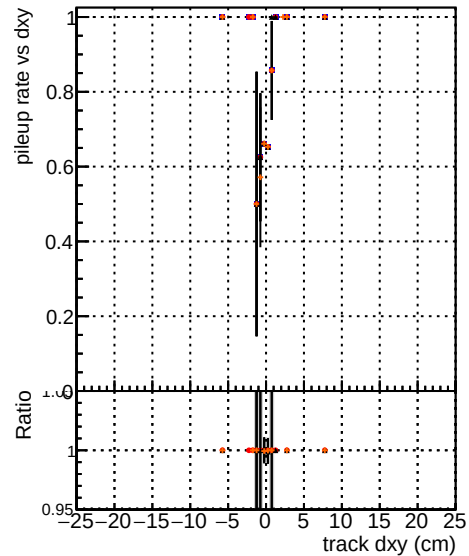
Fake rate vs dxy



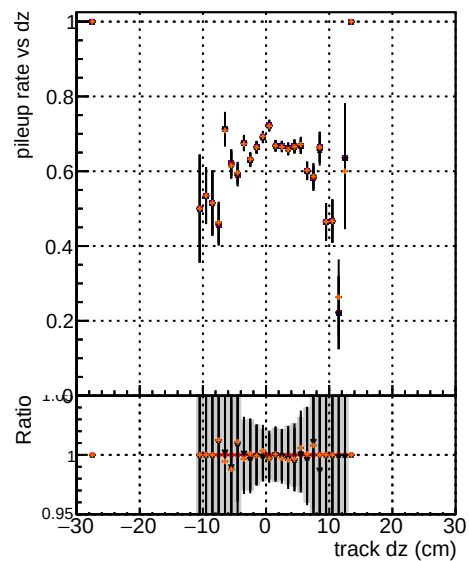
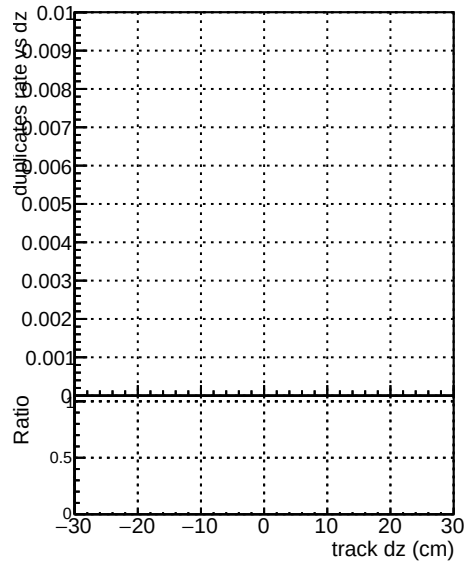
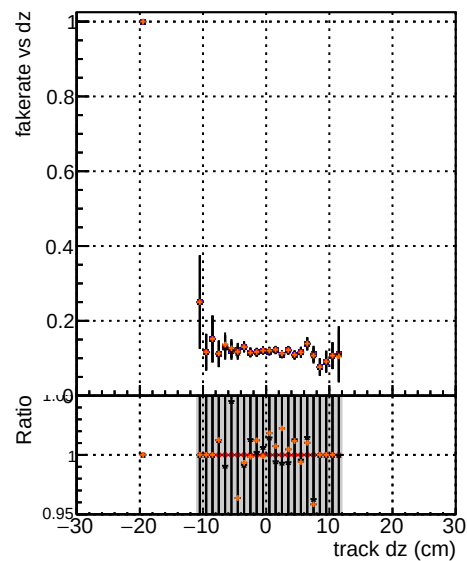
Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs dz



original lowpt
 newbranch lowpt+newbranch
 lowpt+newbranch