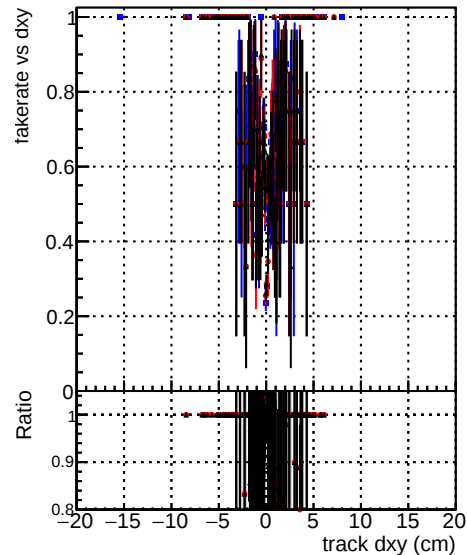
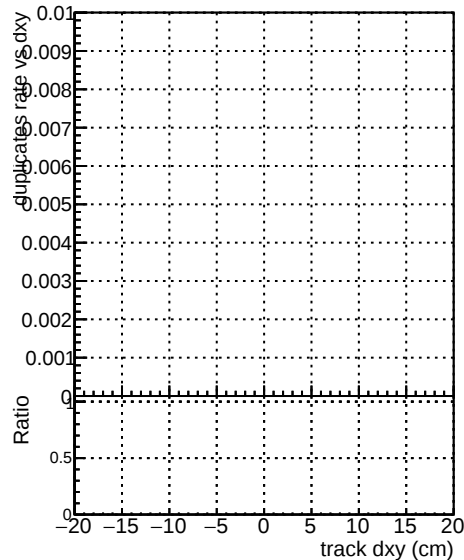


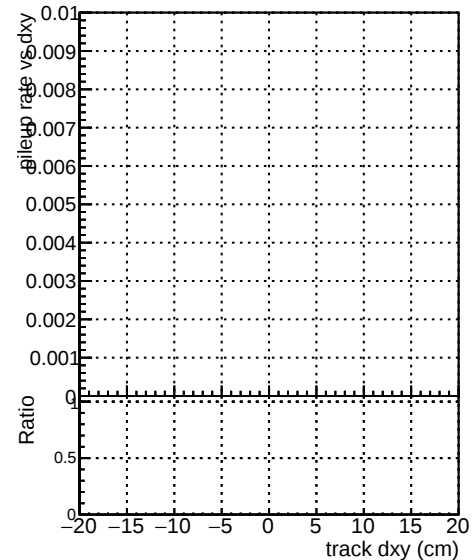
Fake rate vs dxy



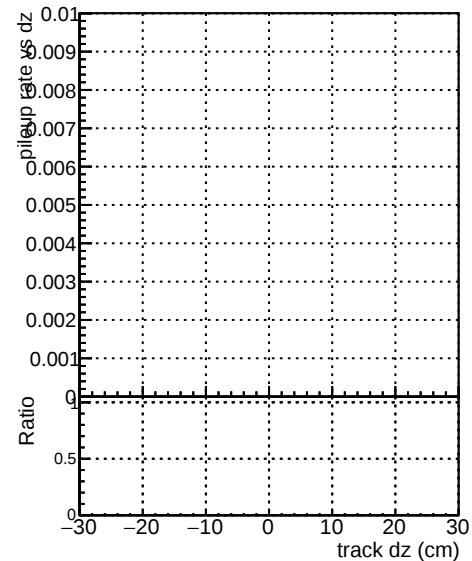
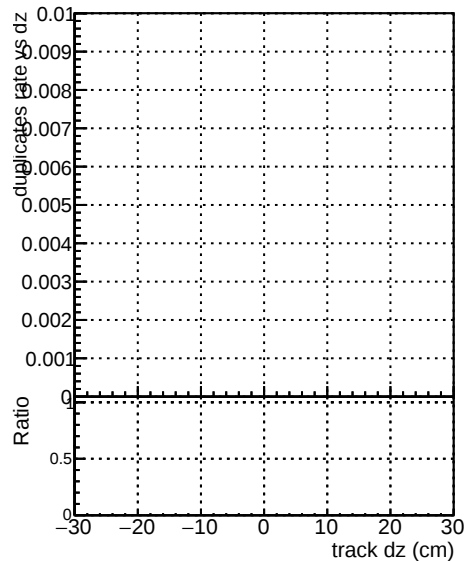
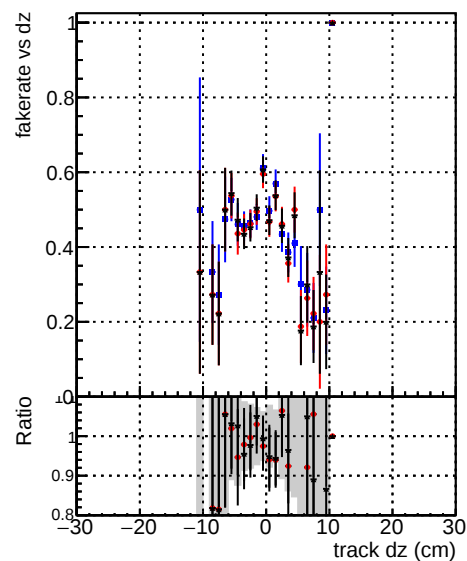
Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs dz



DOM original step2 ttbar-phase1-newgeom
DOM pixelCPE step2 ttbar-phase1-newgeom
DOM pixelCPE+MatR step2 ttbar-phase1-newgeom