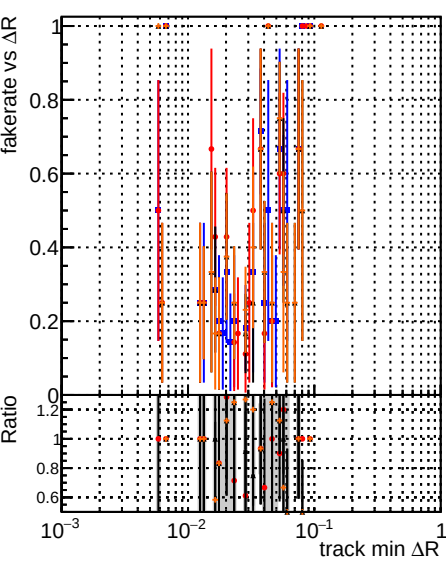


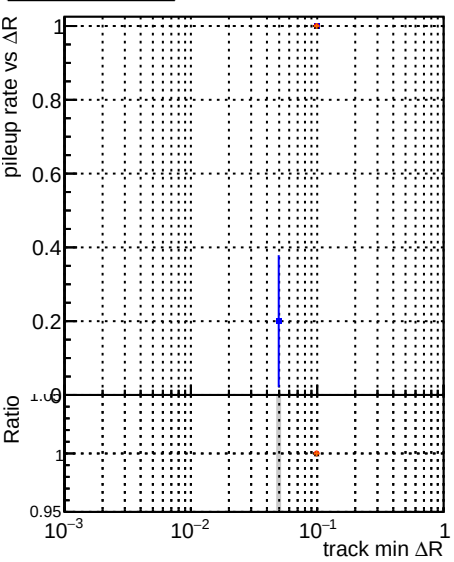
Fake rate vs dr



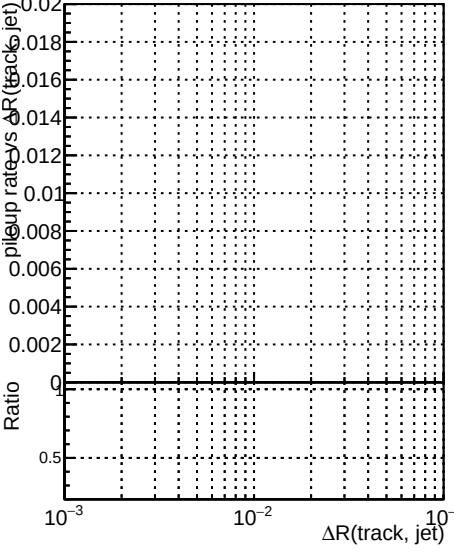
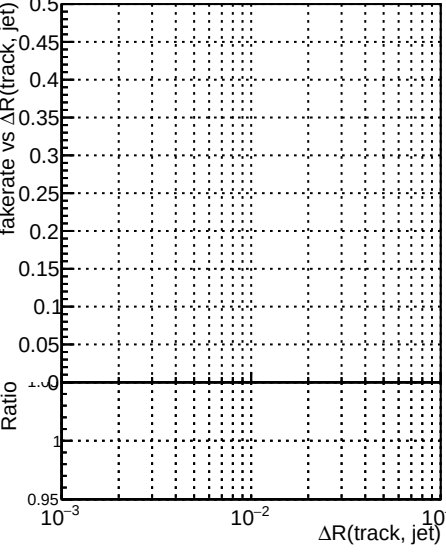
Duplicates Rate vs dr



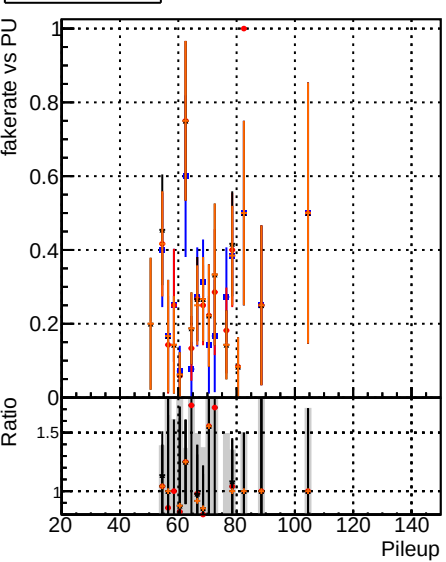
Pileup rate vs dr



Fake rate vs $\Delta R(\text{track, jet})$
DOM original step2 ttbar-phase1-newgeom
DOM pixel step2 ttbar-phase1-newgeom
DOM template cut chi-square-new step2 ttbar-phase1-newgeom
DOM chi-square-new step2 ttbar-phase1-newgeom



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

