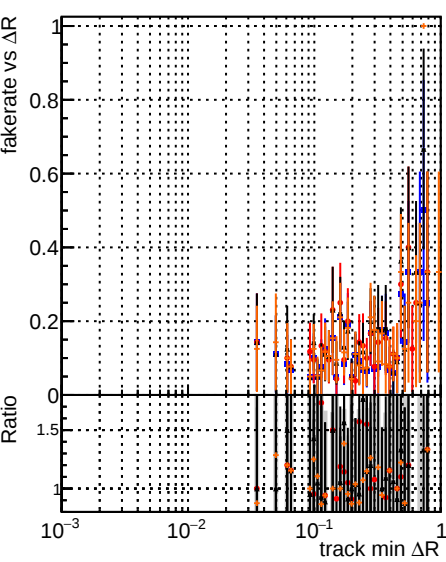


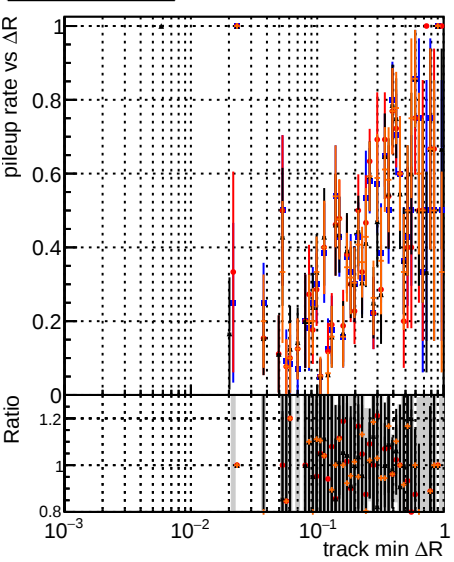
Fake rate vs dr



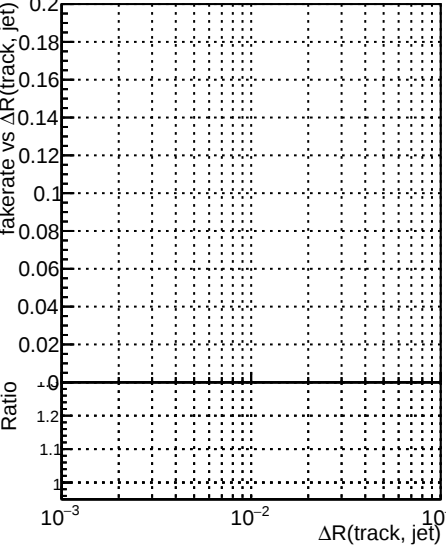
Duplicates Rate vs dr



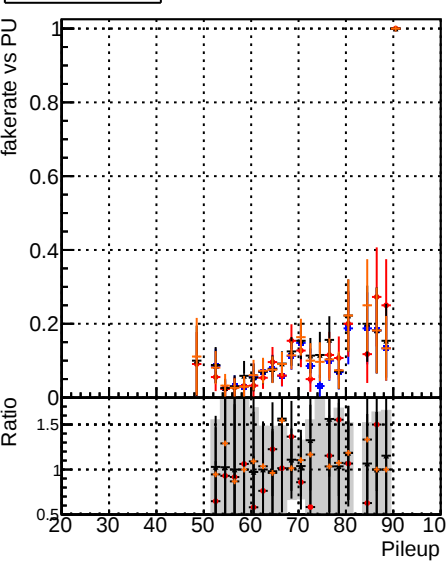
Pileup rate vs dr



Fake rate vs $\Delta R(\text{track, jet})$
DOM original step2 ttbar-phase1-newgeom
DOM mkr step2 ttbar-phase1-newgeom
DOM angle step2 ttbar-phase1-newgeom
DOM fast step2 ttbar-phase1-newgeom



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

