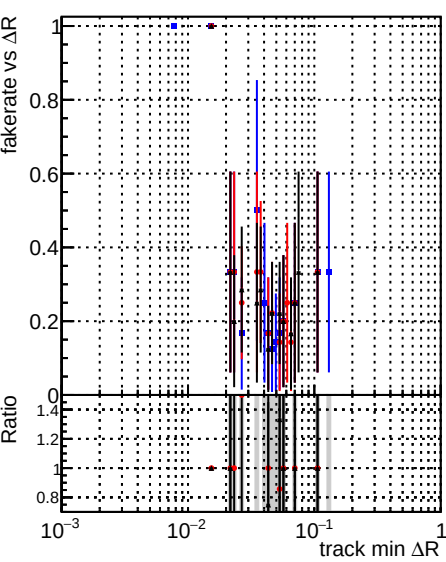


Fake rate vs dr



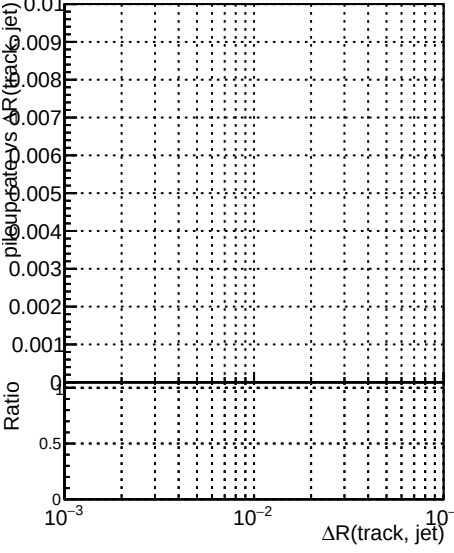
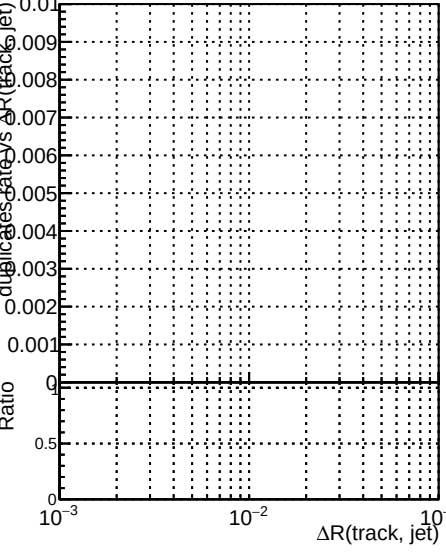
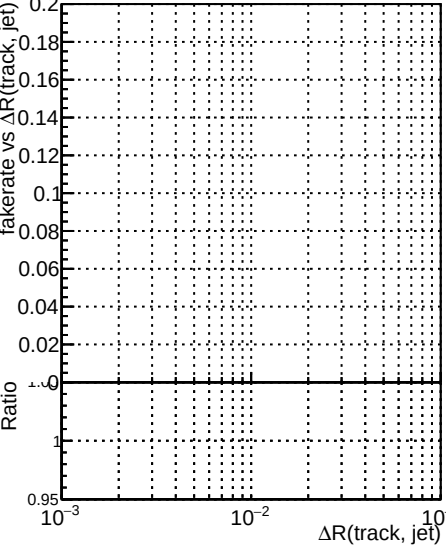
Duplicates Rate vs dr



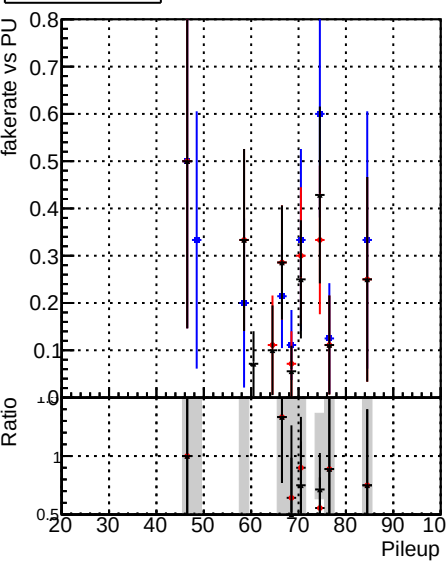
Pileup rate vs dr



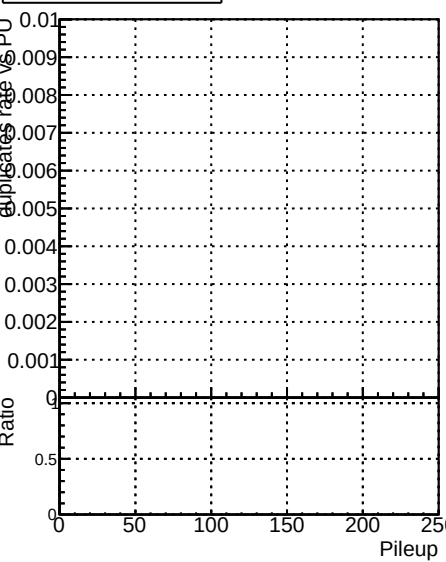
Fake rate vs $\Delta R(\text{track, jet})$
DOM original step2 ttbar-phase1-newgeom
DOM pixelCPE step2 ttbar-phase1-newgeom
DOM pixelCPEChi2OR2 step2 ttbar-phase1-newgeom



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

