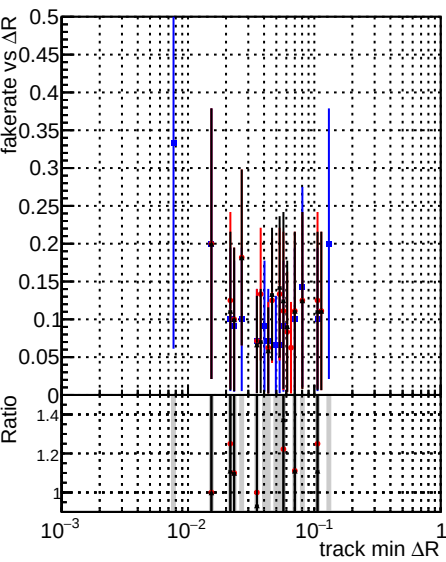


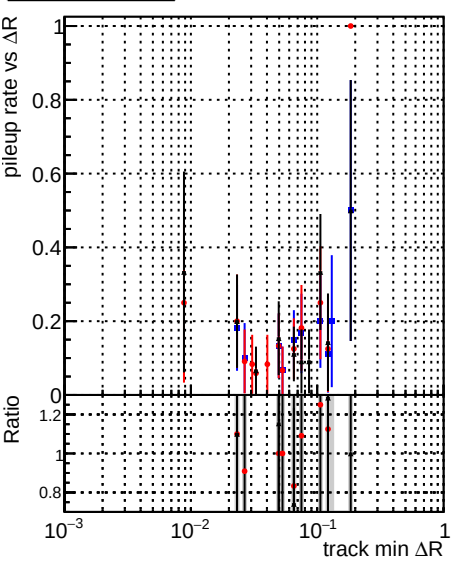
Fake rate vs dr



Duplicates Rate vs dr

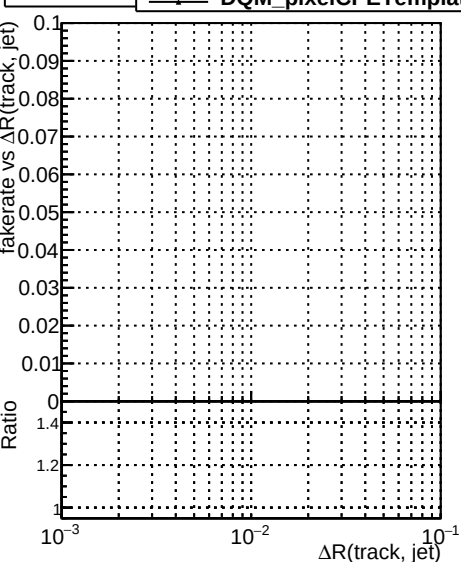


Pileup rate vs dr

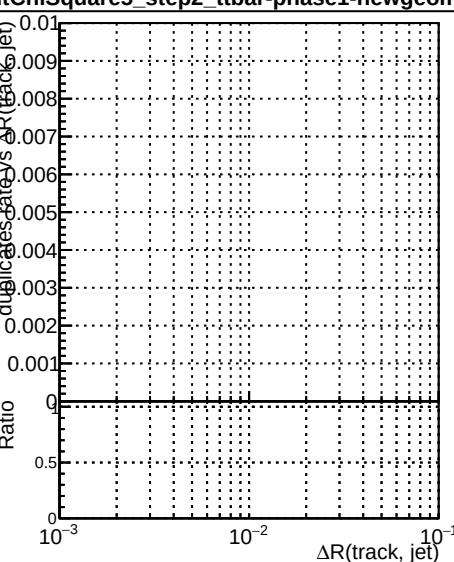


Legend: DQM original step2 ttbar-phase1-newgeom (blue), DQM pixelCPETemplate step2 ttbar-phase1-newgeom (red), DQM pixelCPETemplateCutChiSquare5_step2 ttbar-phase1-newgeom (black)

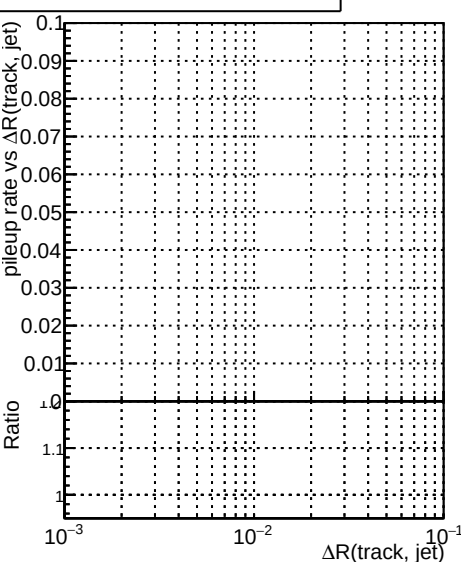
Fake rate vs $\Delta R(\text{track, jet})$



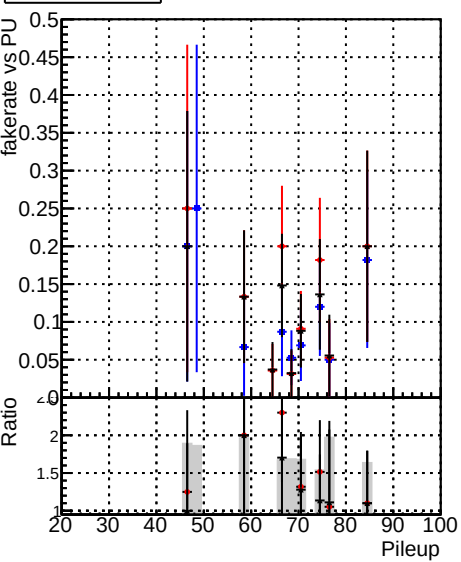
Duplicates Rate vs $\Delta R(\text{track, jet})$



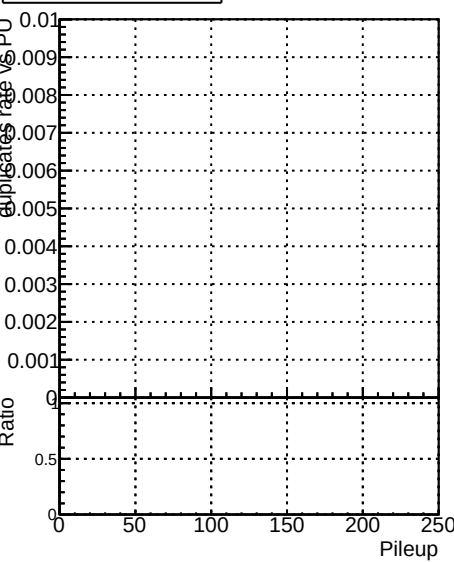
Pileup rate vs $\Delta R(\text{track, jet})$



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

