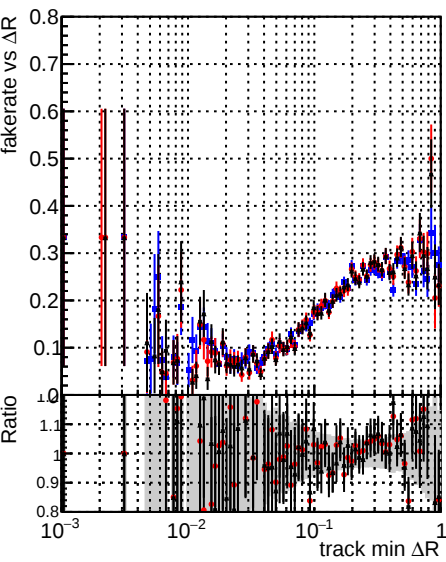


Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr



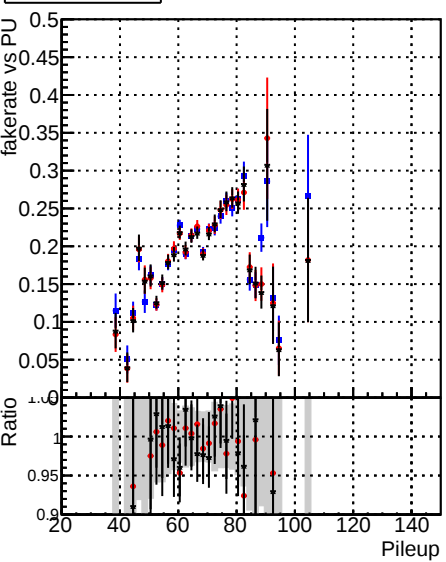
Fake rate vs $\Delta R(\text{track, jet})$

Legend:

- DQM original step2 ttbar-phase1-newgeom
- DQM pixelCPE step2 ttbar-phase1-newgeom
- DQM pixelCPENoMatR step2 ttbar-phase1-newgeom



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

