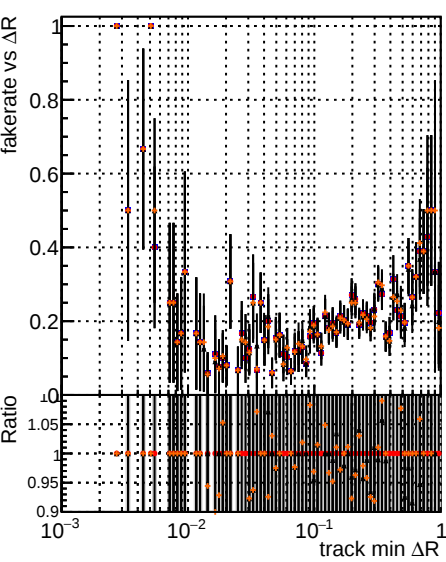


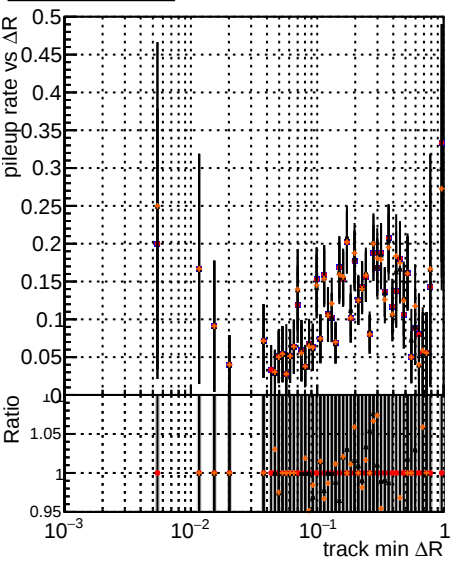
Fake rate vs dr



Duplicates Rate vs dr



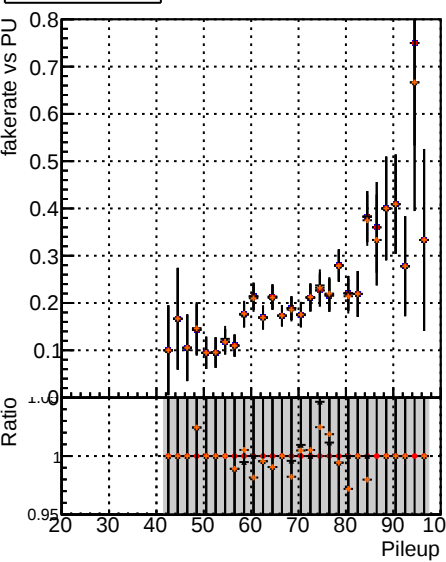
Pileup rate vs dr



Fake rate vs $\Delta R(\text{track, jet})$ DQM TT original lowpt newbranch lowpt DQM TT original lowpt pless newbranch lowpt pless



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

