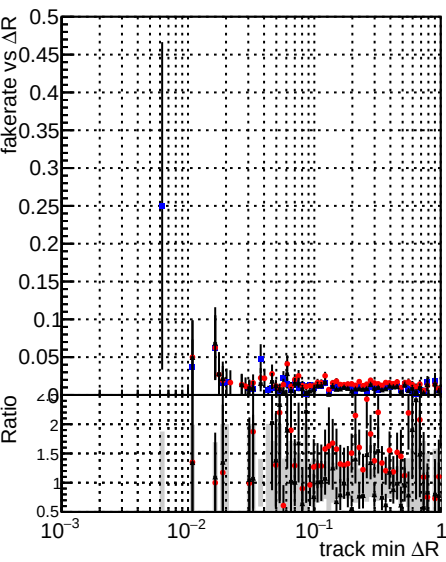
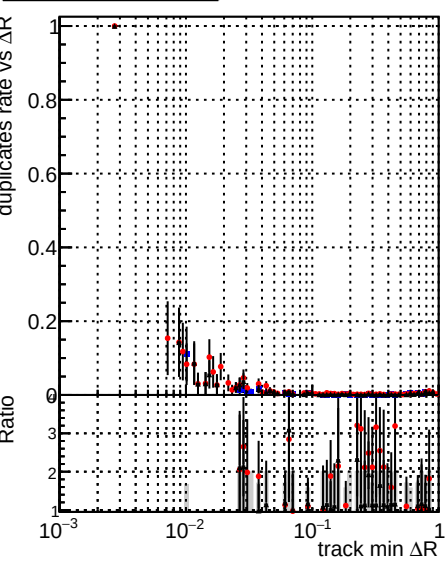


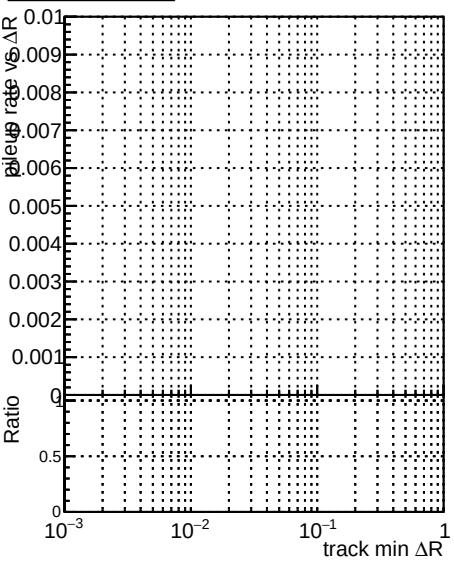
Fake rate vs dr



Duplicates Rate vs dr

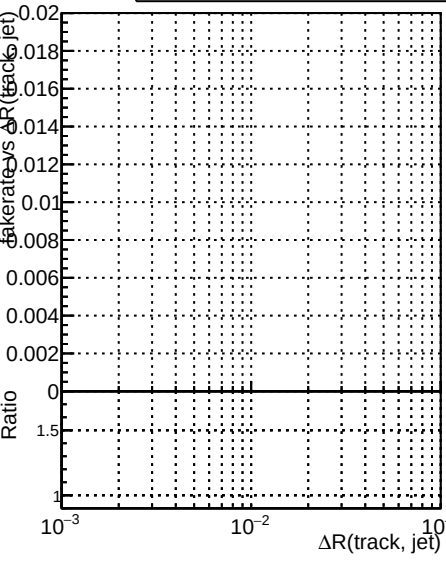


Pileup rate vs dr

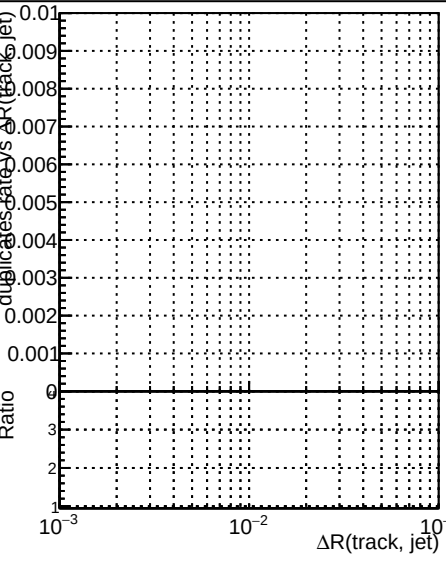


Legend: DQM XiMinus original lowpt (blue dots), DQM XiMinus newbranch lowpt pLess (red dots), DQM XiMinus newbranch lowpt pLessMVACand (black dots)

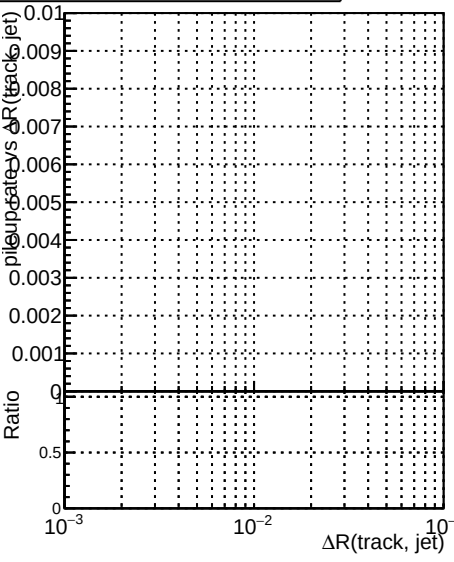
Fake rate vs ΔR(track, jet)



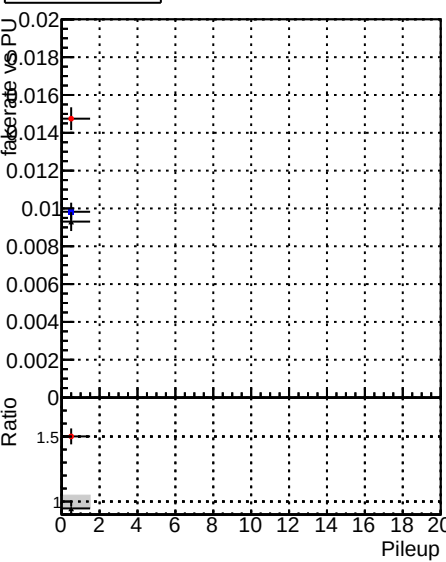
Duplicates Rate vs ΔR(track, jet)



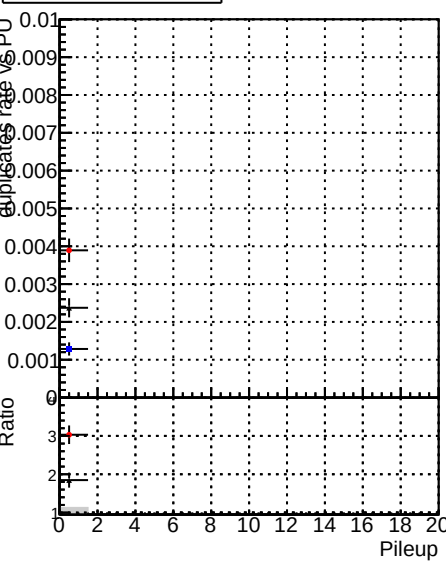
Pileup rate vs ΔR(track, jet)



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

