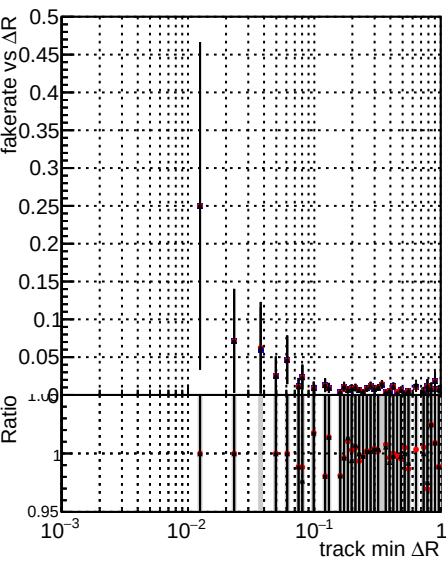


Fake rate vs dr



Duplicates Rate vs dr

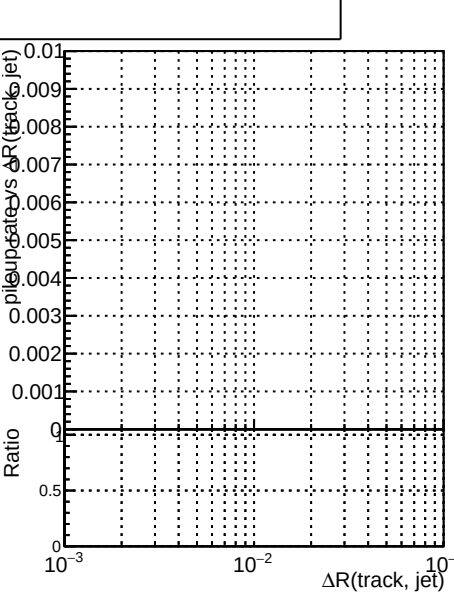
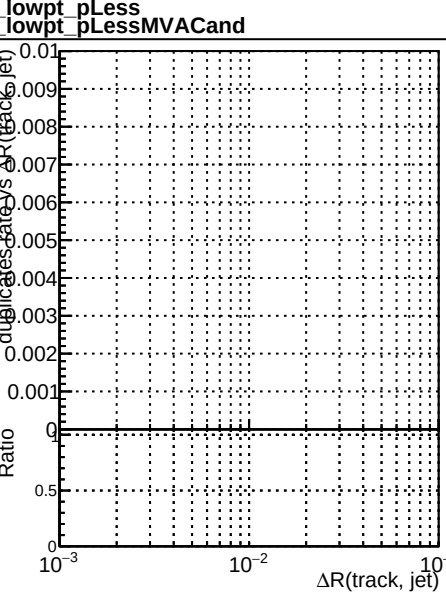
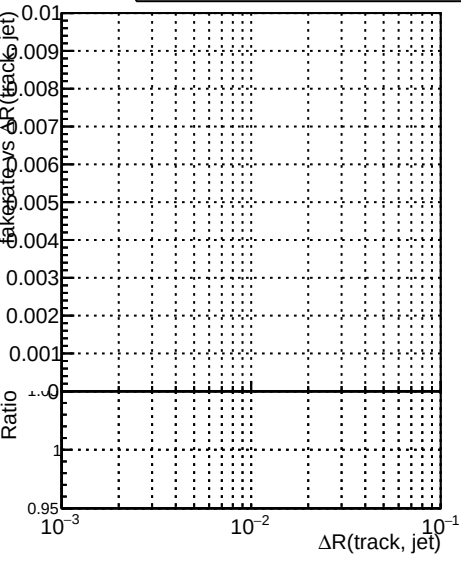


Pileup rate vs dr

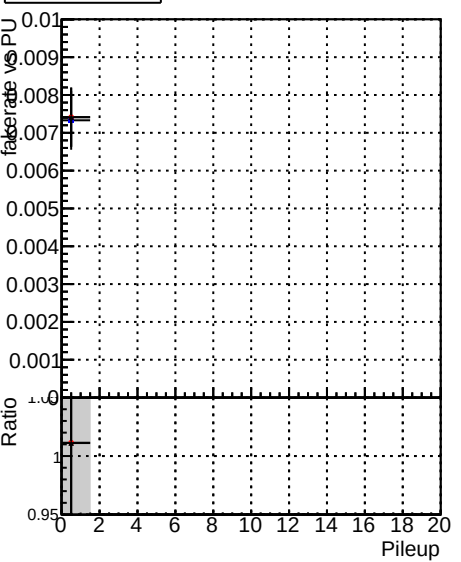


Legend:
—•— DQM XiMinus original lowpt
—•— DQM XiMinus newbranch lowpt pLess
—•— DQM XiMinus newbranch lowpt pLessMVACand

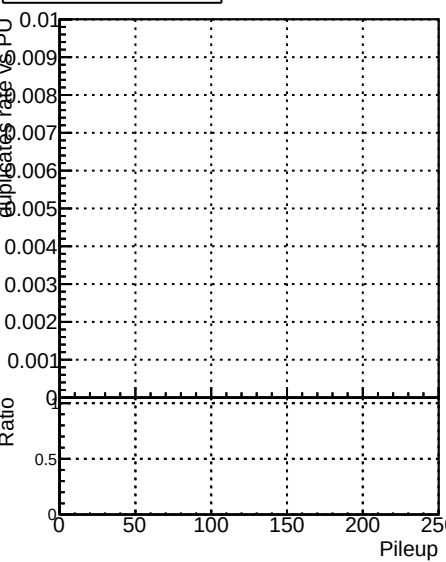
Fake rate vs $\Delta R(\text{track, jet})$



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

