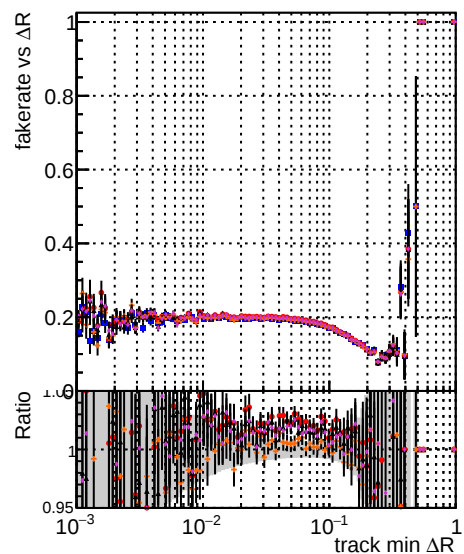
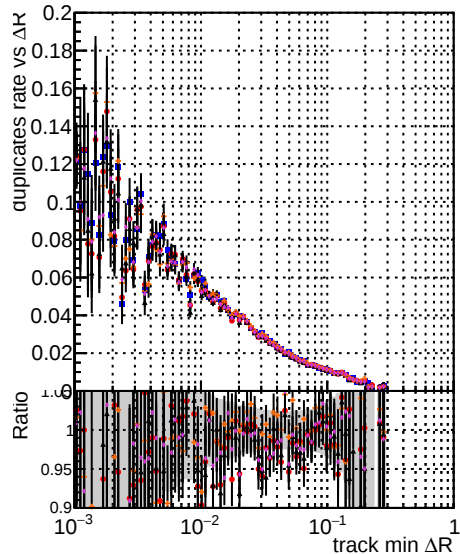


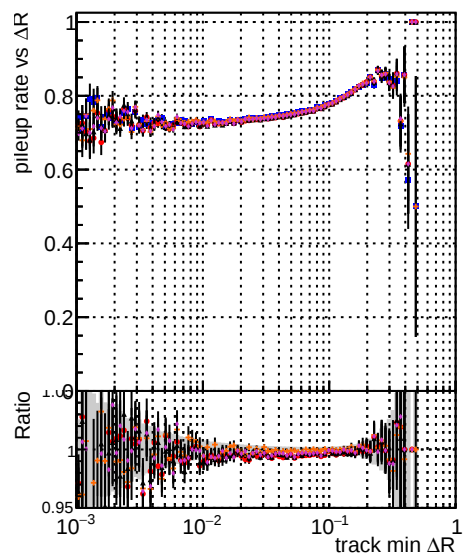
Fake rate vs dr



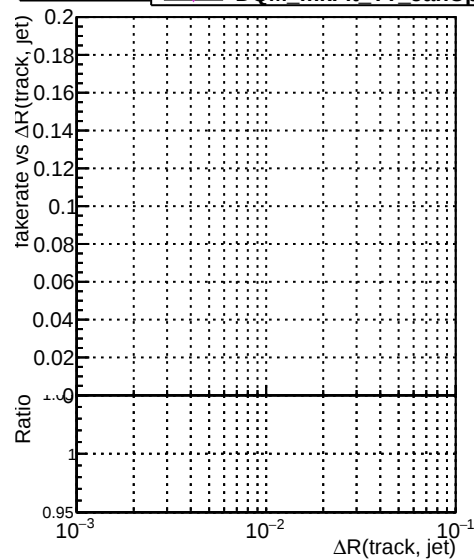
Duplicates Rate vs dr



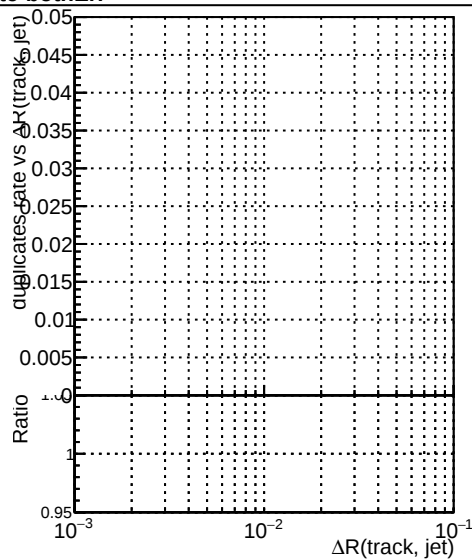
Pileup rate vs dr



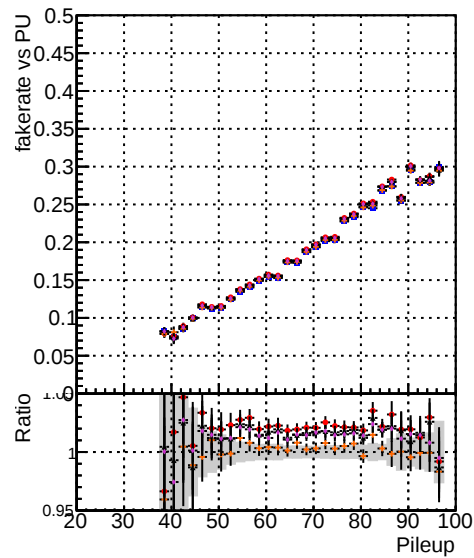
Fake rate vs



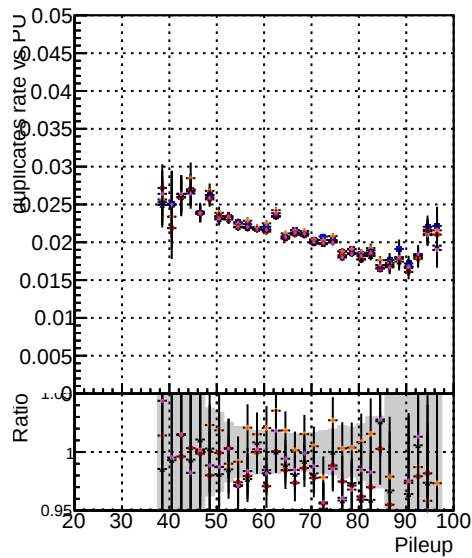
the system is not the problem



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

