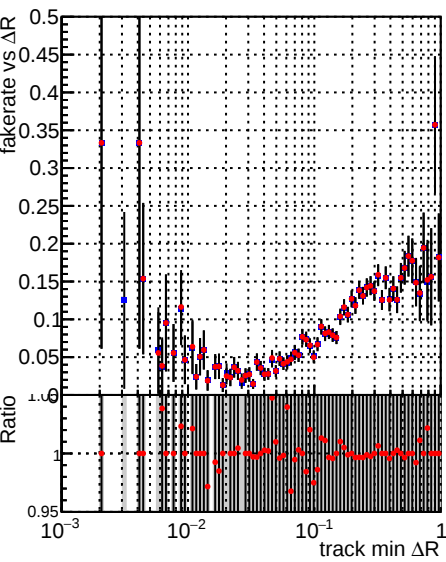


Fake rate vs dr



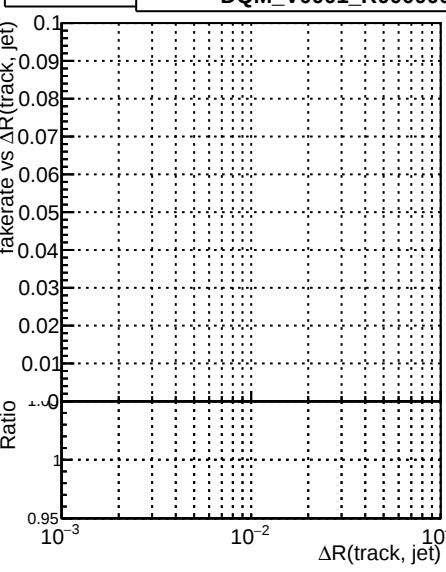
Duplicates Rate vs dr



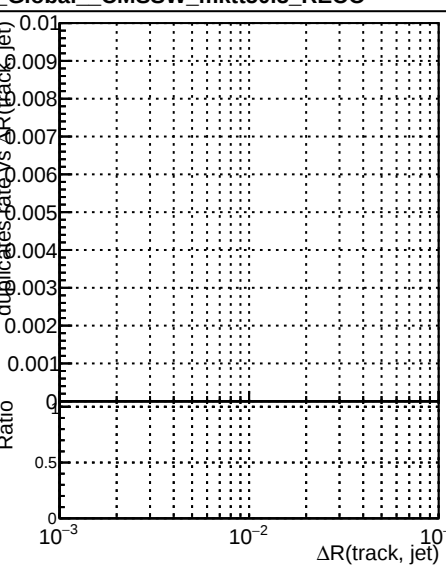
Pileup rate vs dr



Fake rate vs  $\Delta R$



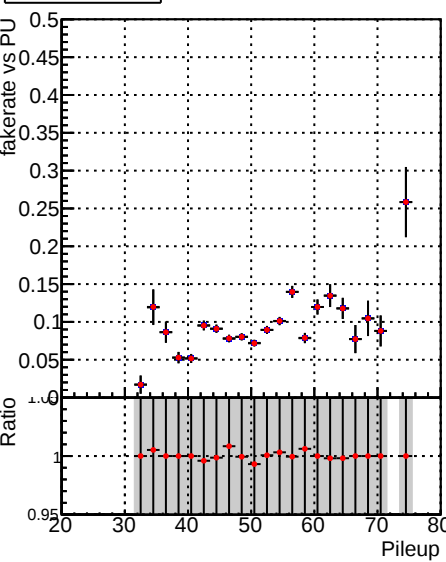
Duplicates Rate vs  $\Delta R$



Pileup rate vs  $\Delta R$



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

