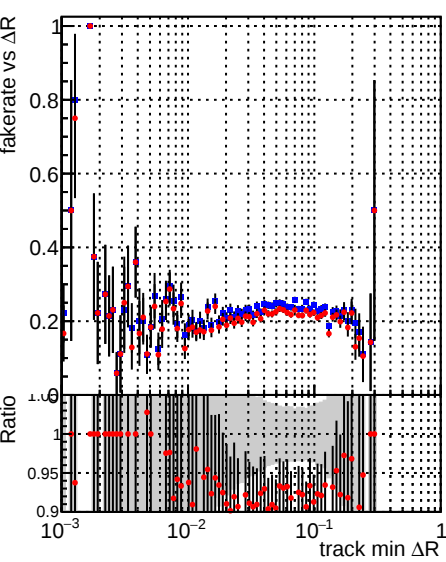
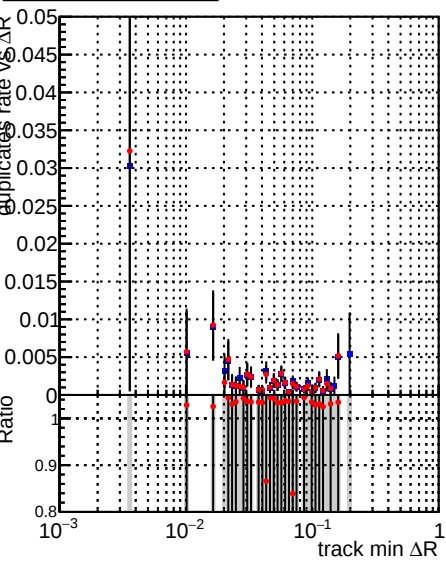


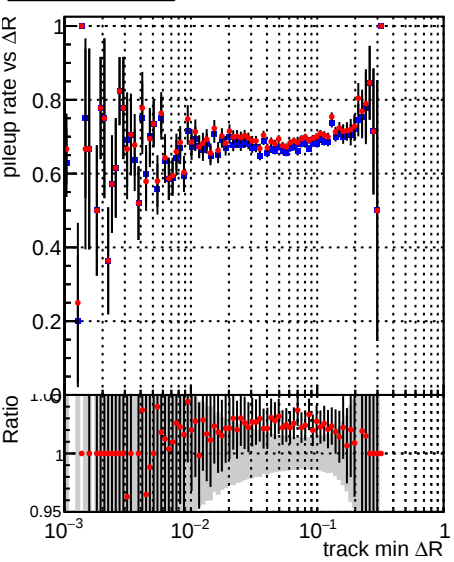
Fake rate vs dr



Duplicates Rate vs dr

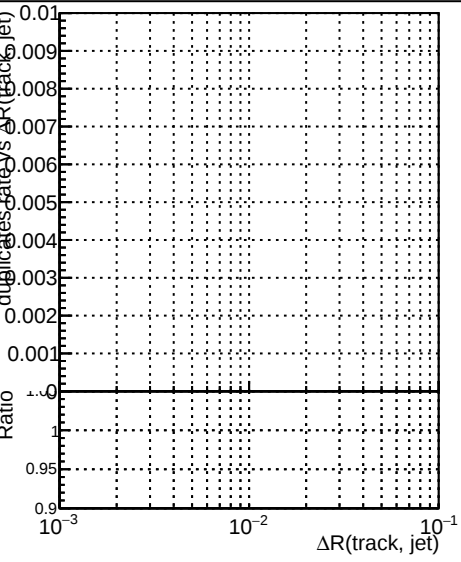
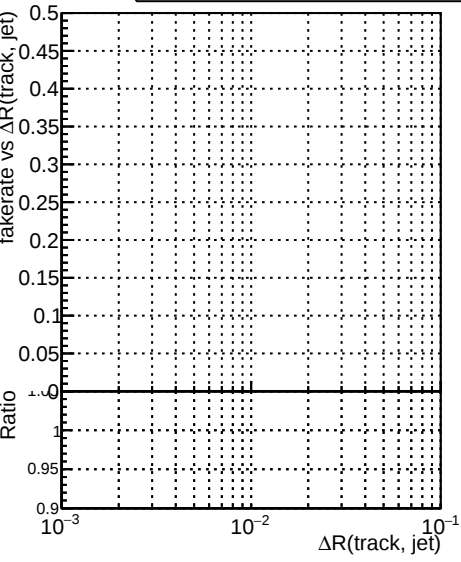


Pileup rate vs dr

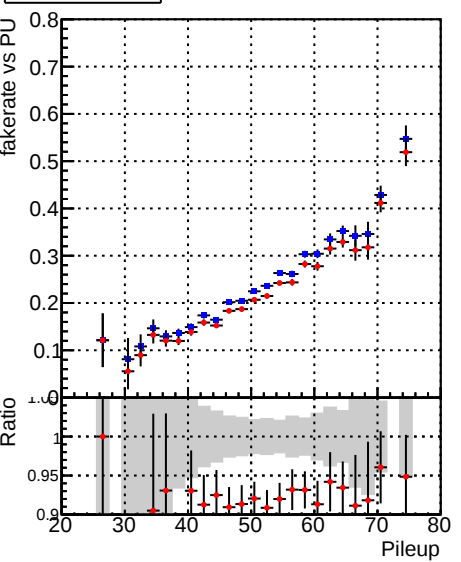


Legend:  $\Delta R$  (blue),  $\Delta R$  (red)

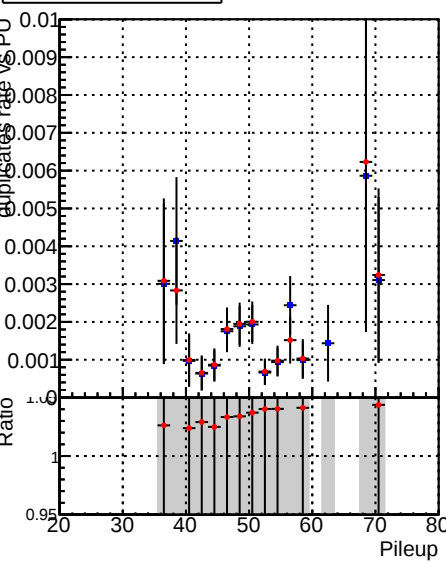
Fake rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

