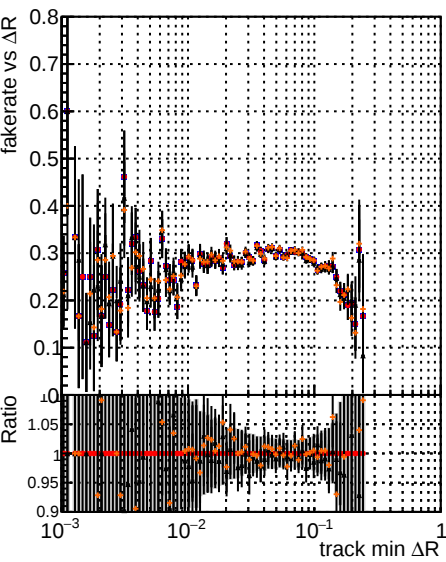
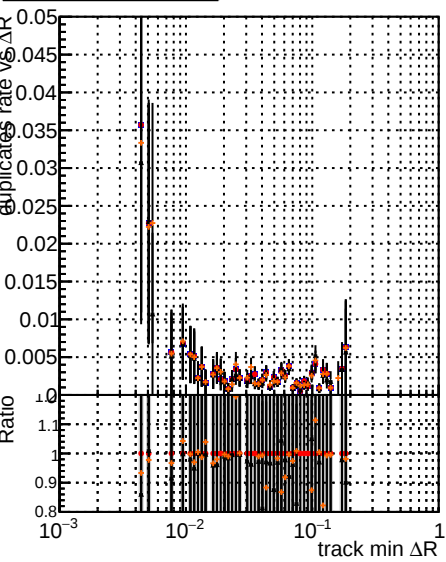


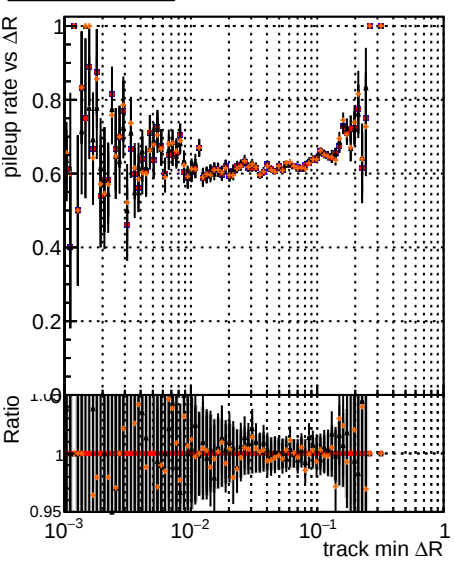
Fake rate vs dr



Duplicates Rate vs dr



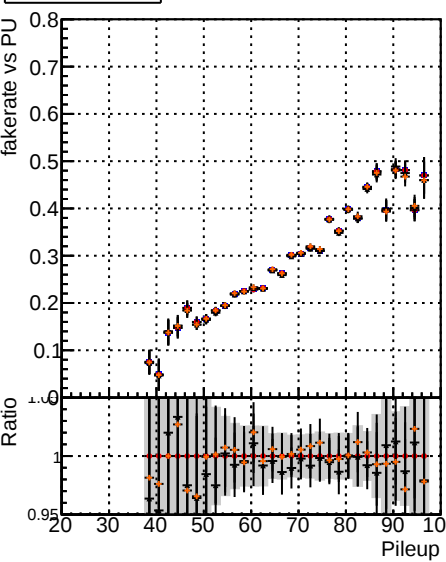
Pileup rate vs dr



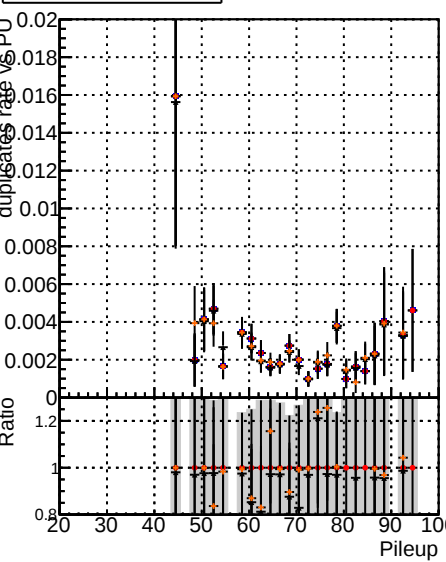
Fake rate vs $\Delta R(\text{track, jet})$
Legend: $\Delta R(\text{track, jet})$ original lowpt, $\Delta R(\text{track, jet})$ newbranch lowpt, $\Delta R(\text{track, jet})$ original lowpt pless, $\Delta R(\text{track, jet})$ newbranch lowpt pless



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

