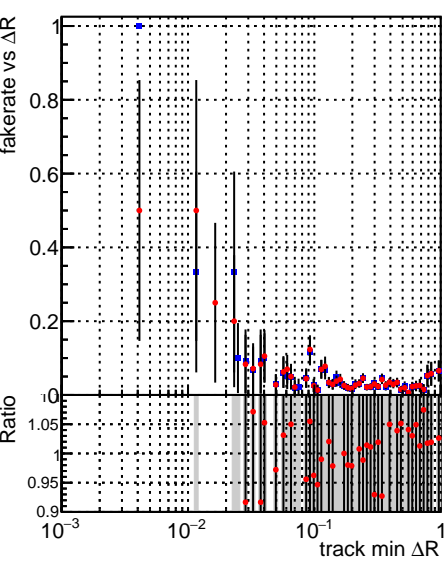
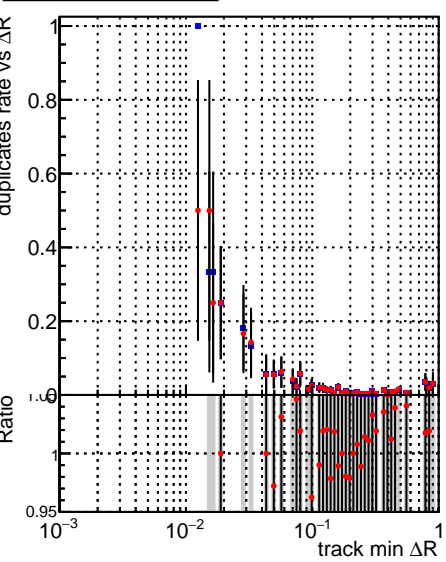
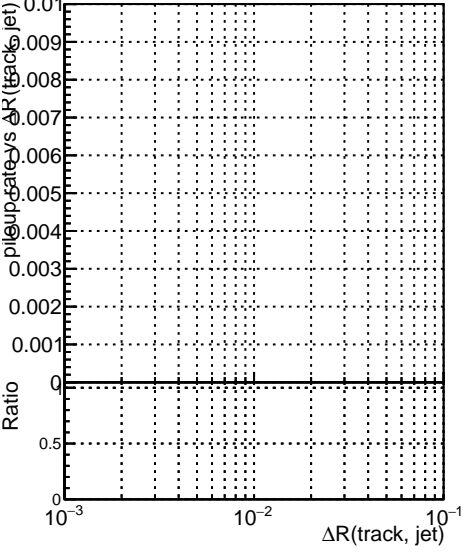
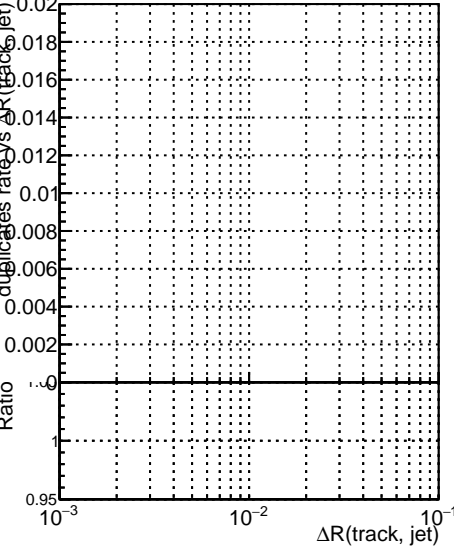
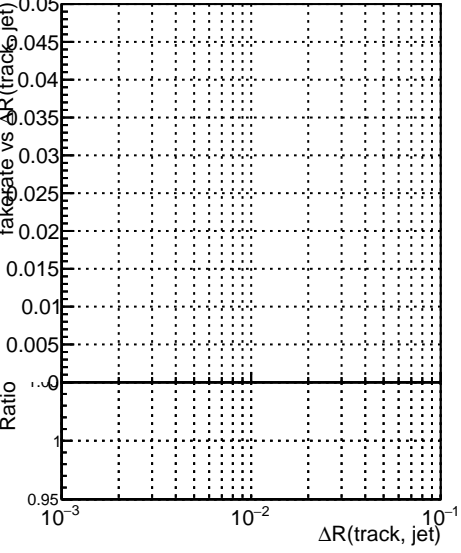
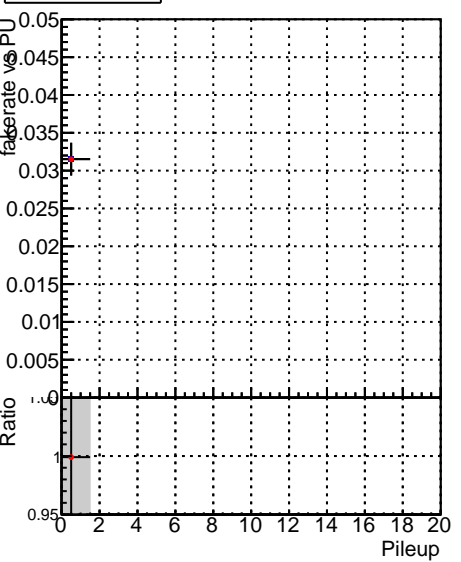
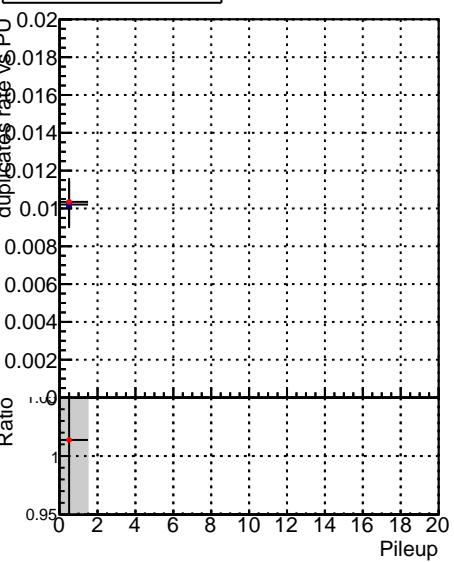


**Fake rate vs dr****Duplicates Rate vs dr****Pileup rate vs dr**
**Fake rate vs  $\Delta R(\text{track, jet})$**   
**Duplicates rate vs  $\Delta R(\text{track, jet})$**   
**Pileup rate vs  $\Delta R(\text{track, jet})$** 
**Fake rate vs pu****Duplicates Rate vs pu****Pileup rate vs pu**