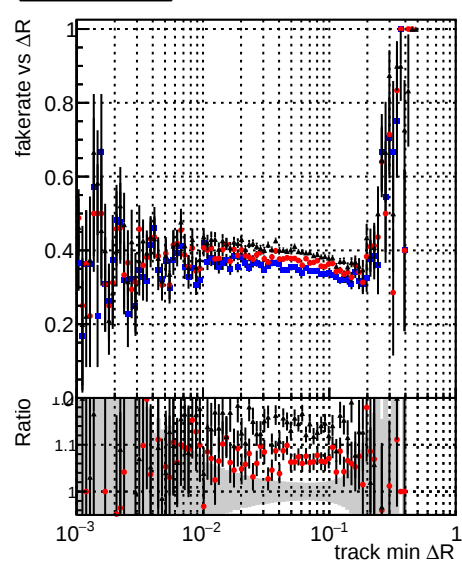
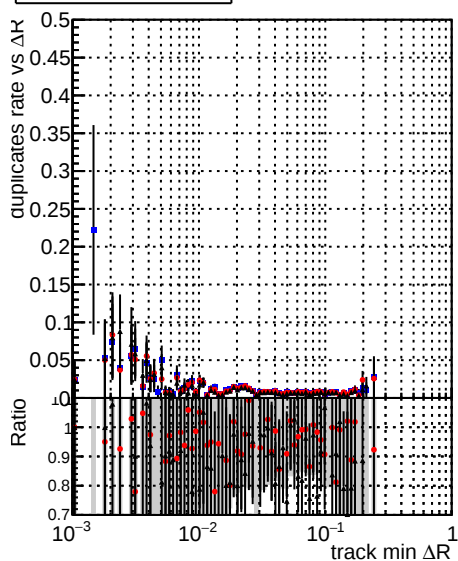


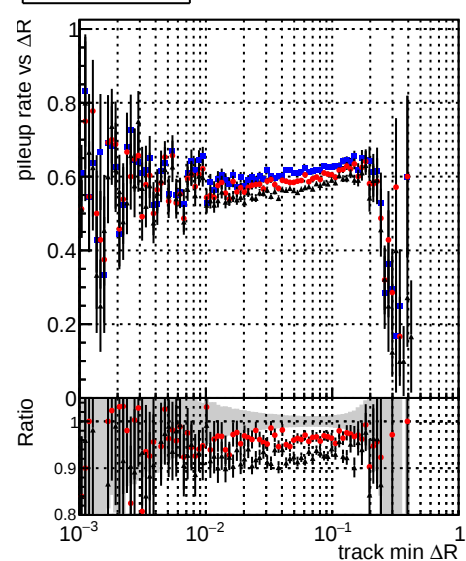
**Fake rate vs dr**



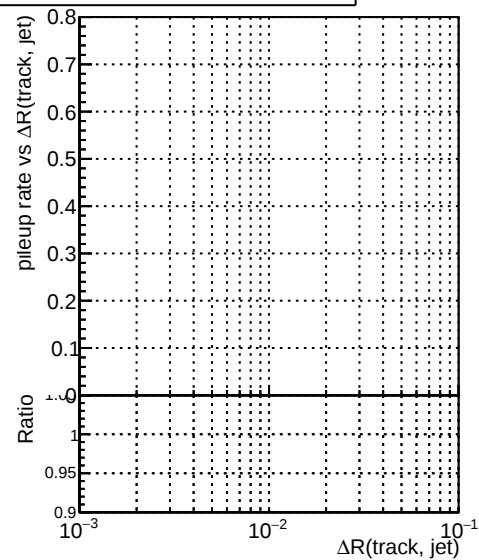
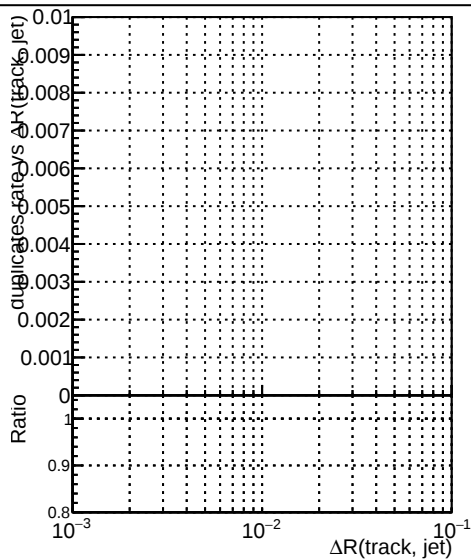
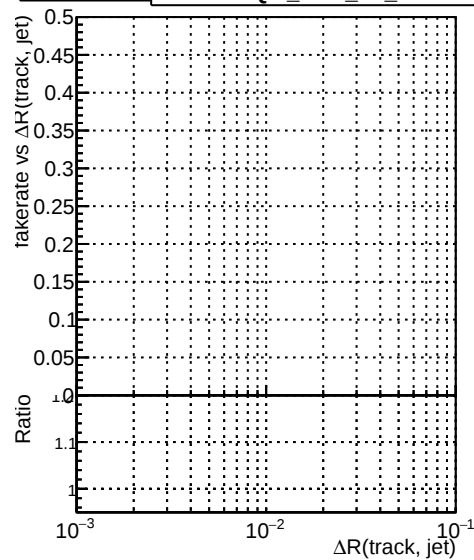
**Duplicates Rate vs dr**



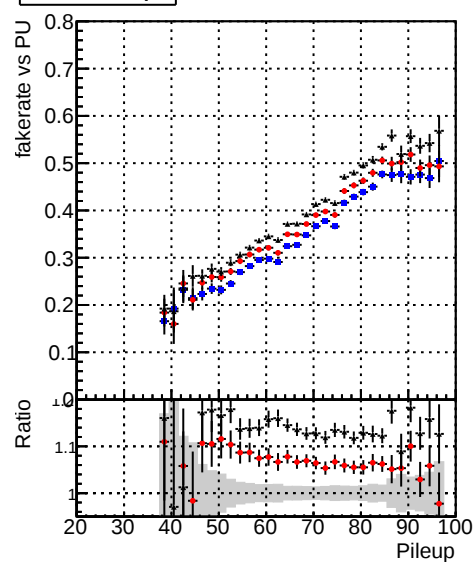
**Pileup rate vs dr**



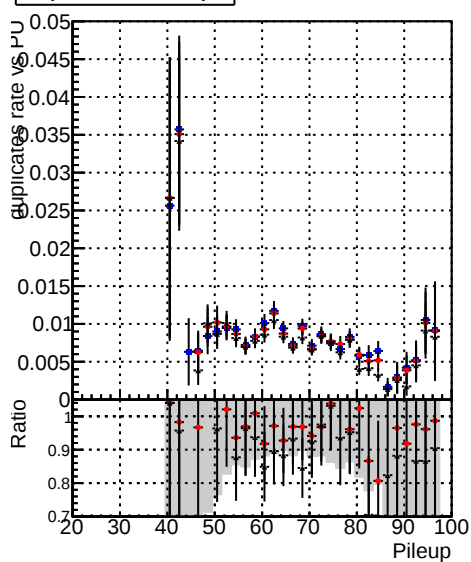
**Fake rate vs  $\Delta R(\text{track, jet})$**



**Fake rate vs pu**



**Duplicates Rate vs pu**



**Pileup rate vs pu**

