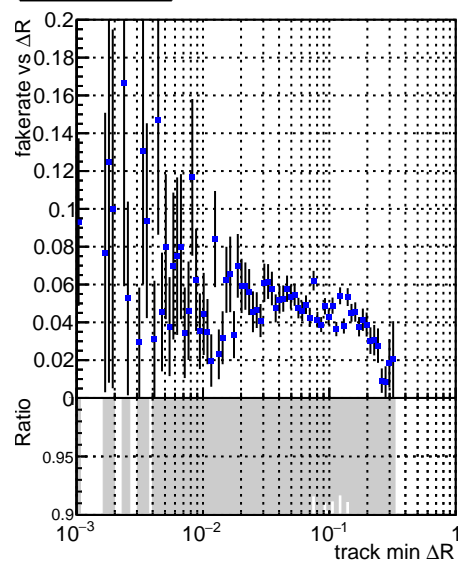
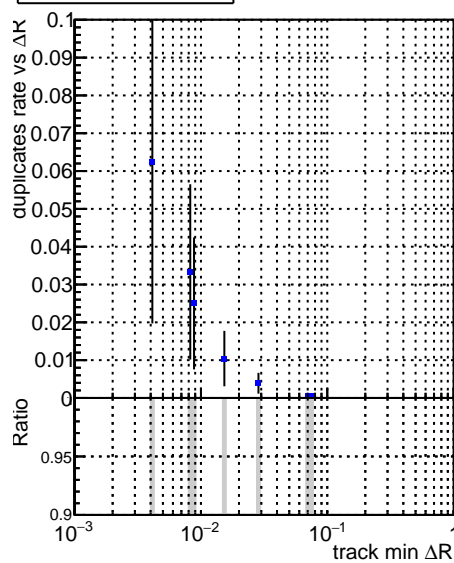


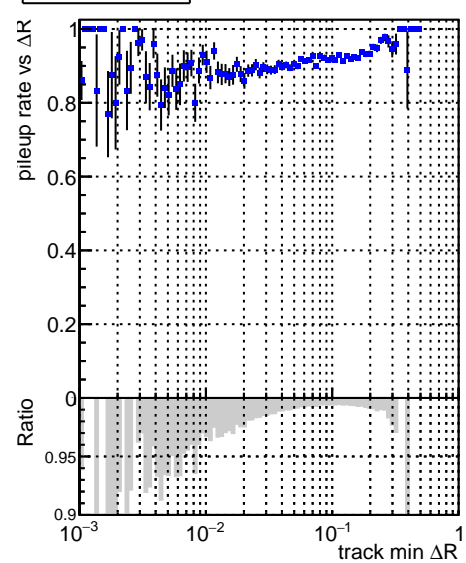
**Fake rate vs dr**



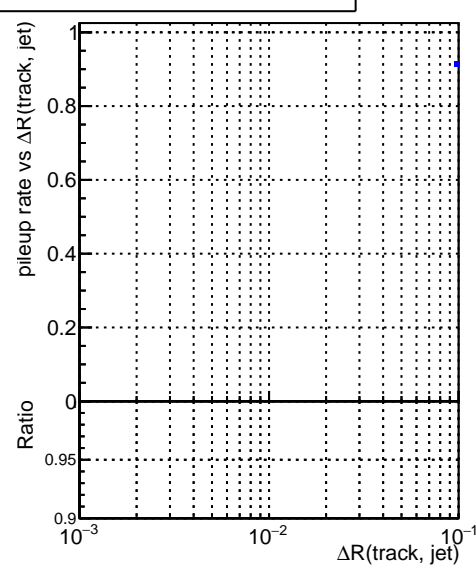
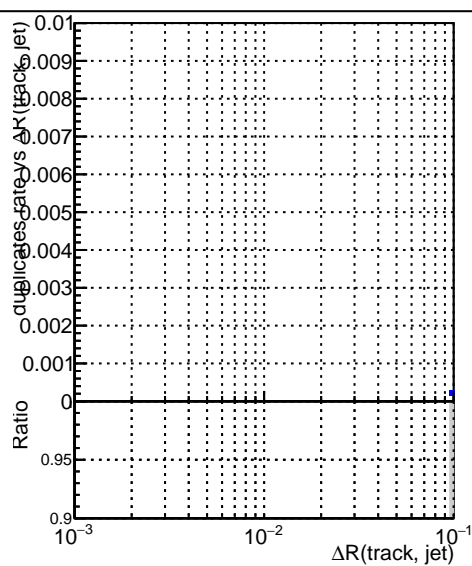
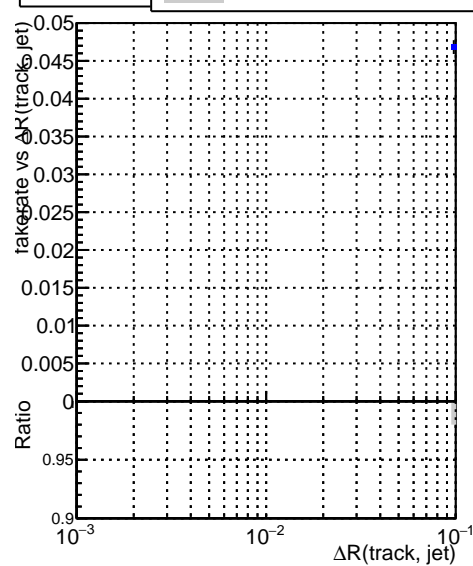
**Duplicates Rate vs dr**



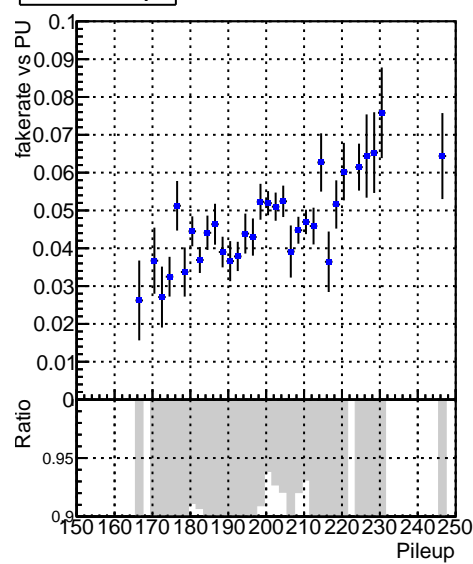
**Pileup rate vs dr**



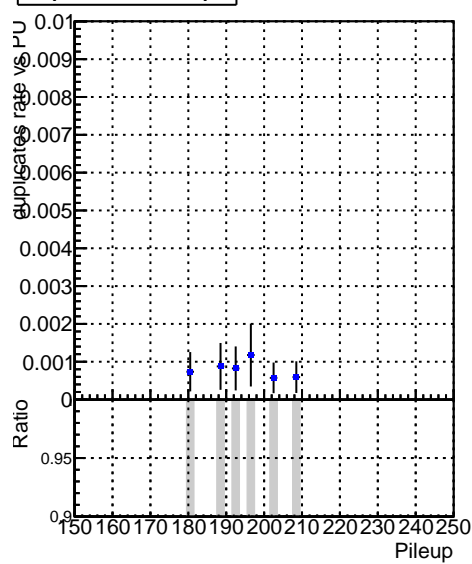
**Fake rate vs  $\Delta R$  (track, jet)**



**Fake rate vs pu**



**Duplicates Rate vs pu**



**Pileup rate vs pu**

