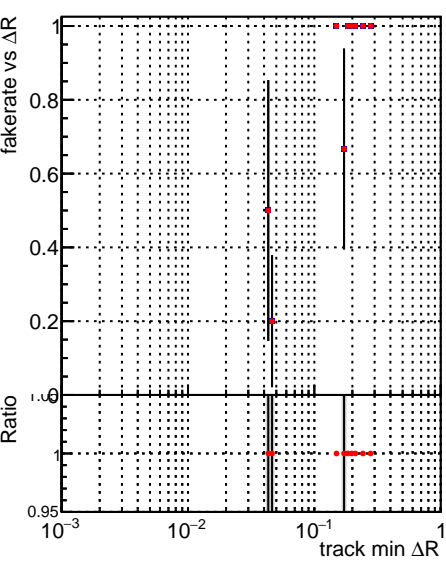
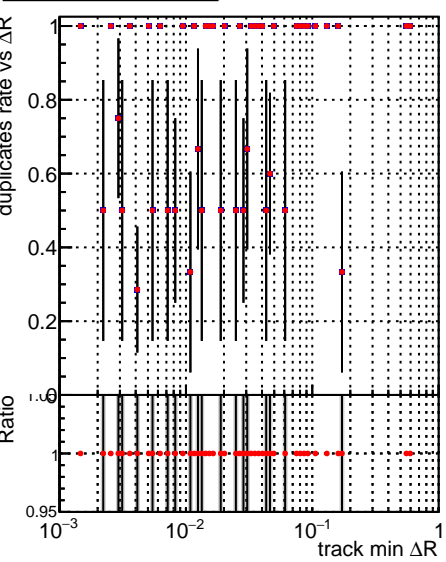
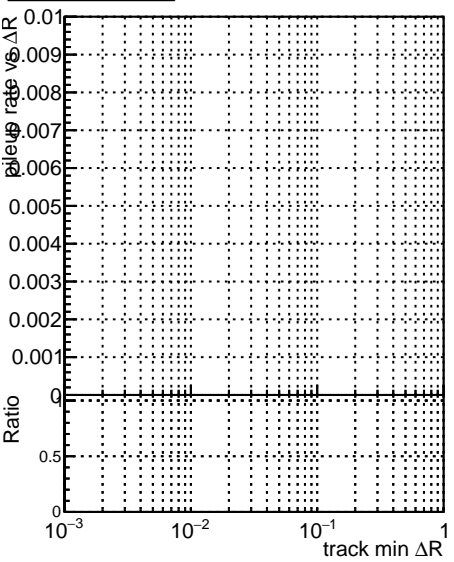
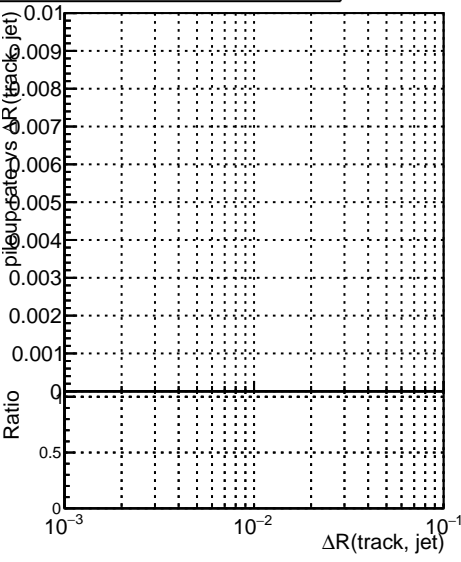
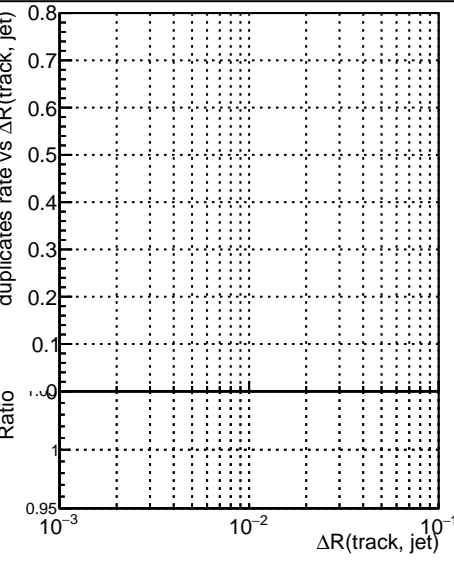
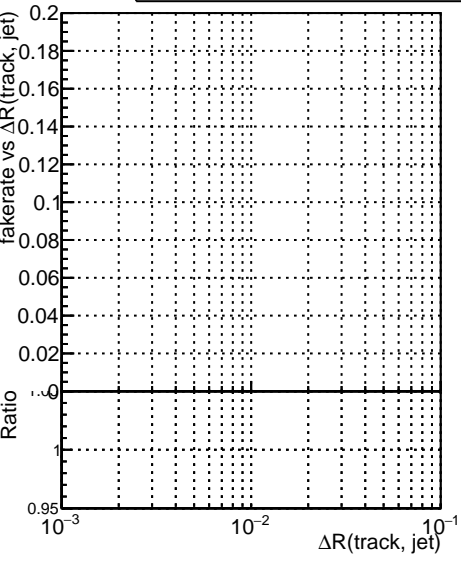
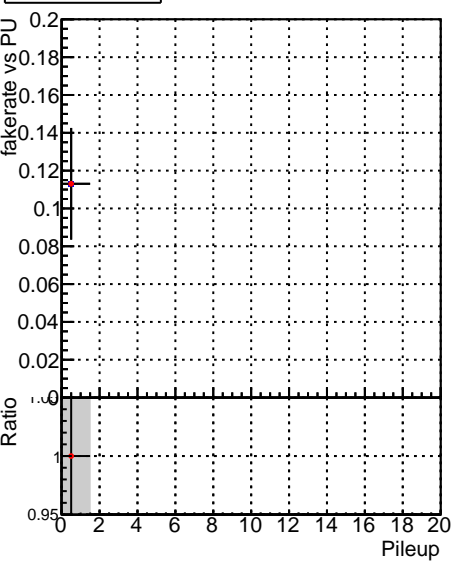
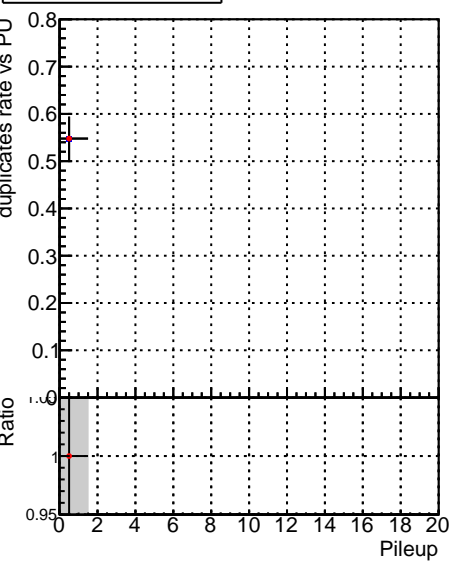


**Fake rate vs dr****Duplicates Rate vs dr****Pileup rate vs dr**
**Fake rate vs  $\Delta R(\text{track, jet})$**   
 Legend: **DQM\_mu\_original** (grey line with blue dots), **DQM\_mu\_modified** (black line with red dots)
**Fake rate vs pu****Duplicates Rate vs pu****Pileup rate vs pu**