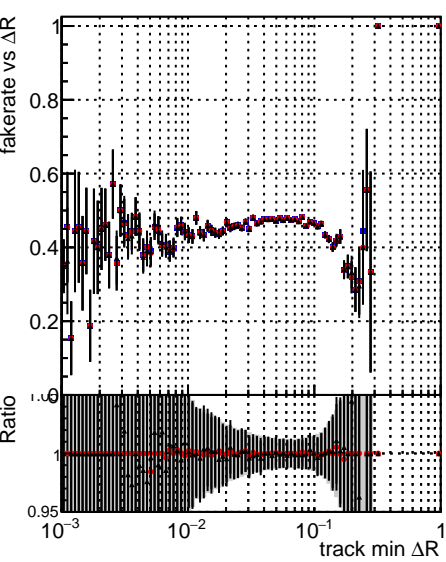
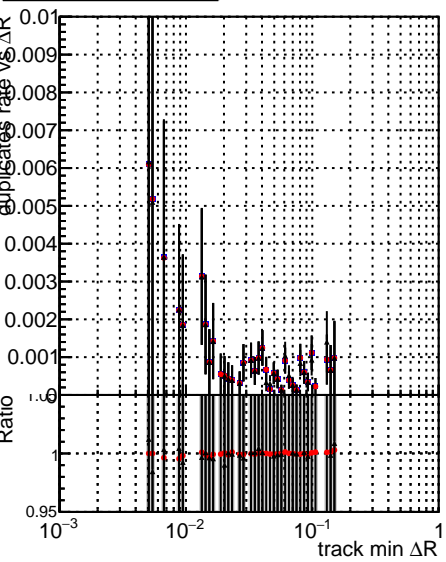
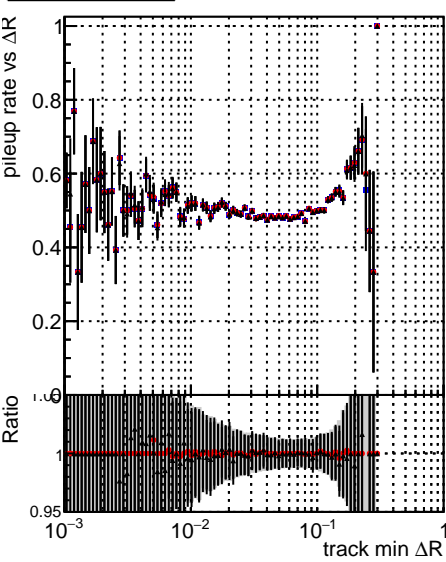
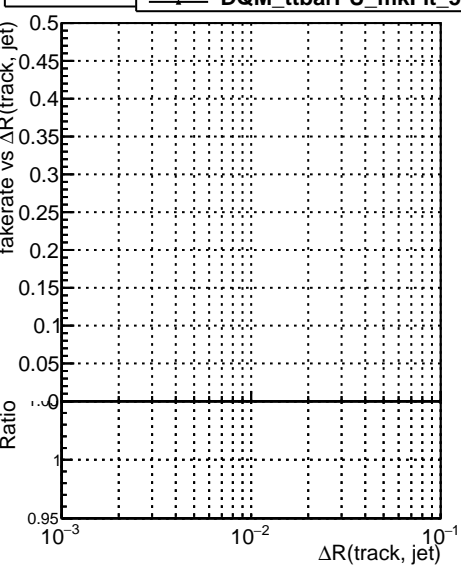
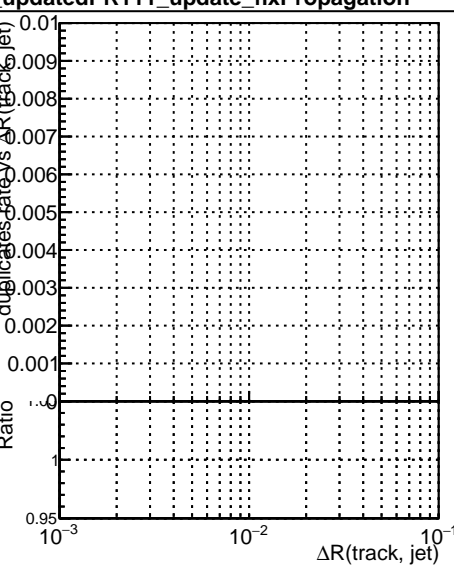
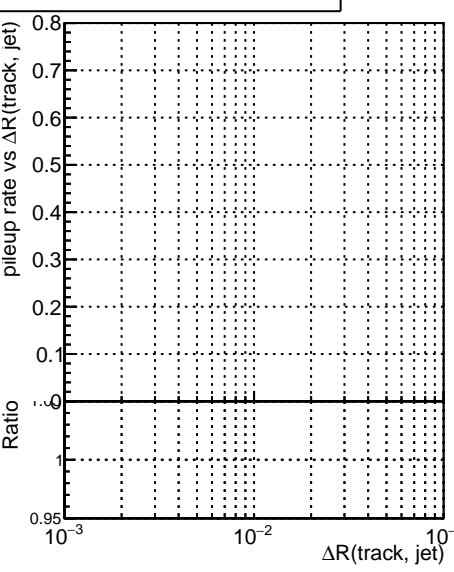
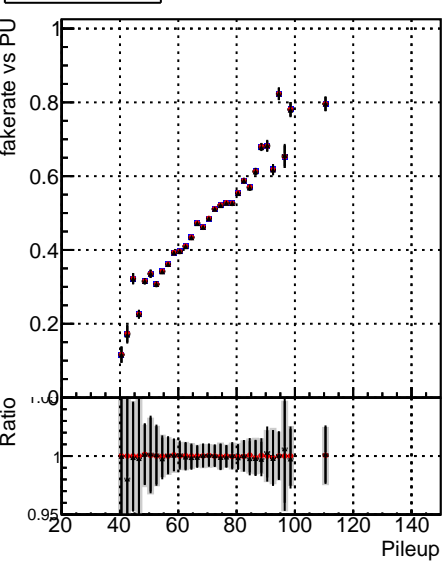
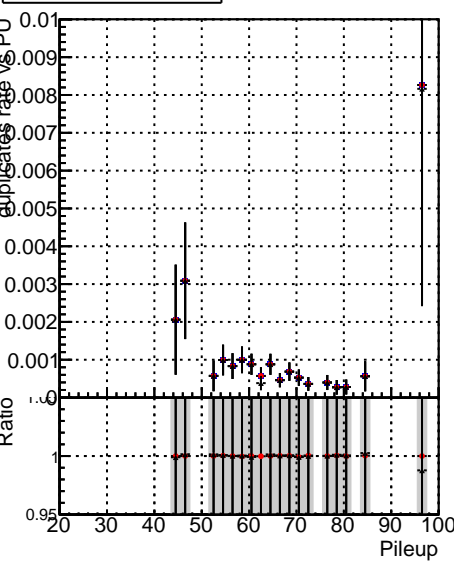


**Fake rate vs dr****Duplicates Rate vs dr****Pileup rate vs dr****Fake rate vs  $\Delta R$ (track, jet)****Duplicates Rate vs  $\Delta R$ (track, jet)****Pileup rate vs  $\Delta R$ (track, jet)****Fake rate vs pu****Duplicates Rate vs pu****Pileup rate vs pu**