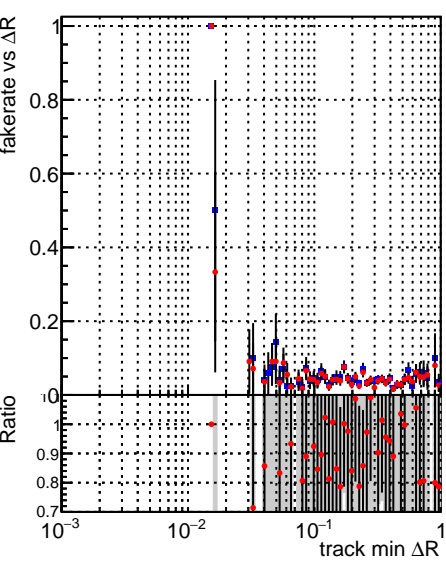
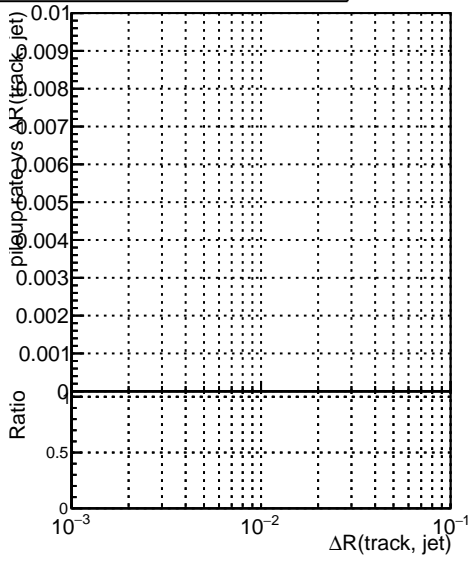
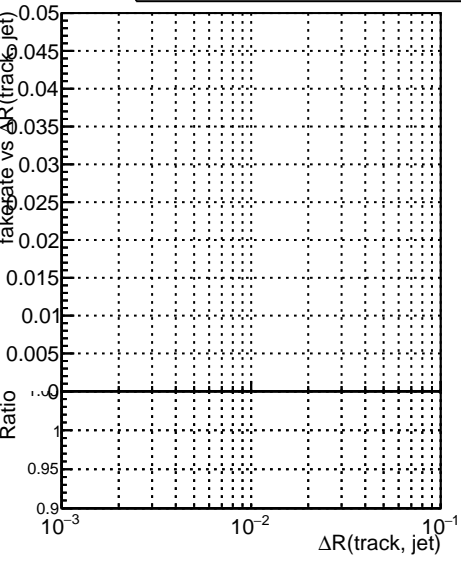
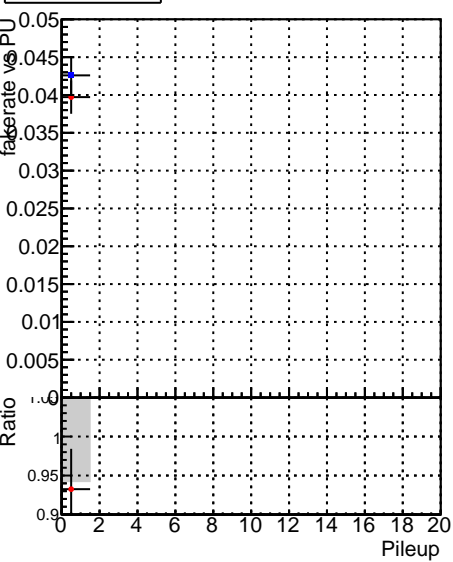


**Fake rate vs dr****Duplicates Rate vs dr****Pileup rate vs dr**

■ SoftQCD\_default  
● SoftQCD\_ckfPixelLessStep

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