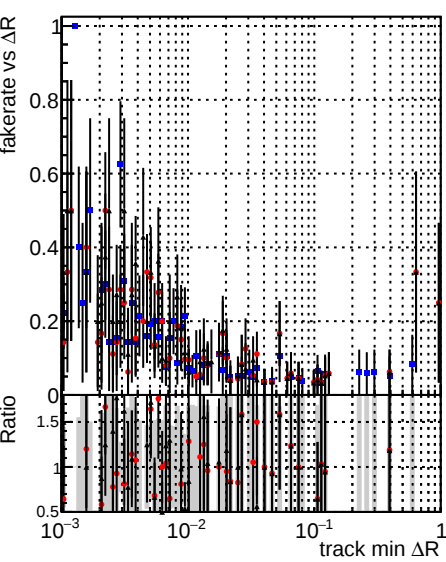


Fake rate vs dr



Duplicates Rate vs dr



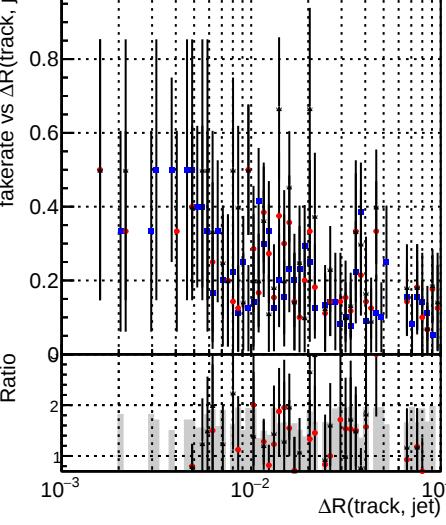
Pileup rate vs dr



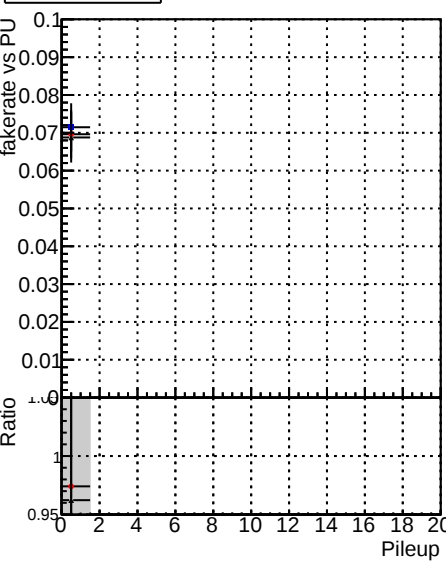
Legend for Fake rate vs  $\Delta R$ , Duplicates Rate vs  $\Delta R$ , and Pileup rate vs  $\Delta R$ :

| Line Style | Color | Model                        |
|------------|-------|------------------------------|
| Solid      | Blue  | Global cmsswQCD_RECO         |
| Solid      | Red   | Global mkFitOriginalQCD_RECO |
| Solid      | Black | Global mkFitNewQCD_RECO      |

Fake rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

