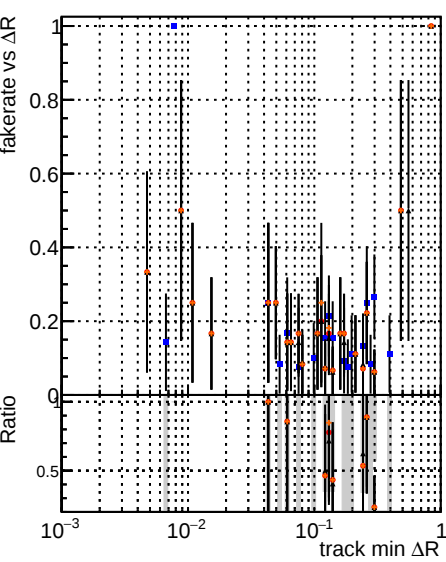


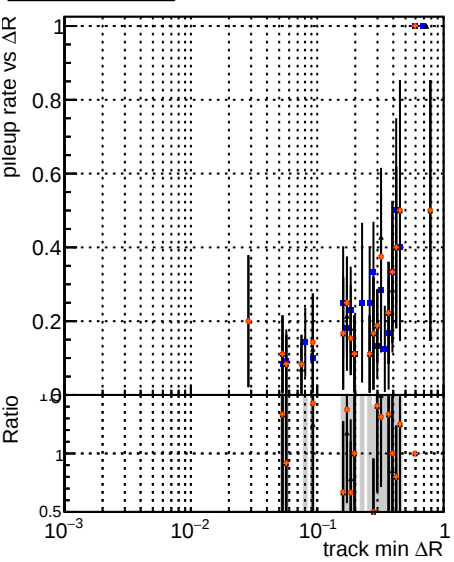
Fake rate vs dr



Duplicates Rate vs dr



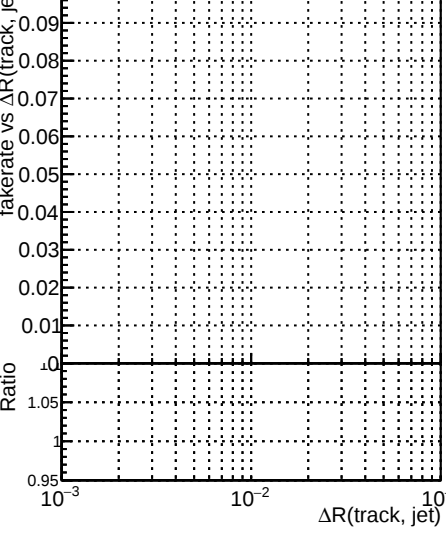
Pileup rate vs dr



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

| Configuration            | Symbol          |
|--------------------------|-----------------|
| Global CMSSW chPU50 RECO | Blue square     |
| Global CMSSW chPU50 RECO | Red circle      |
| Global CMSSW chPU50 RECO | Orange triangle |
| Global CMSSW chPU50 RECO | Black square    |

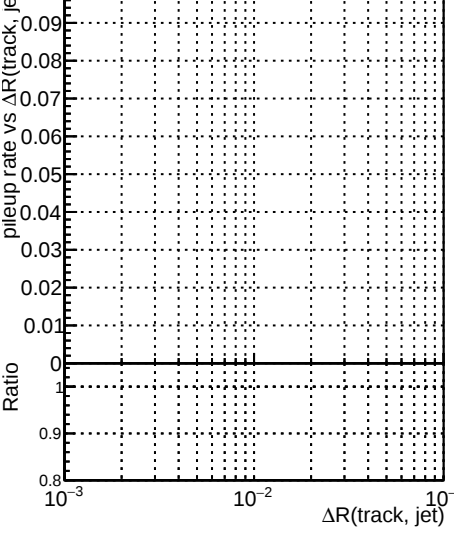
Fake rate vs



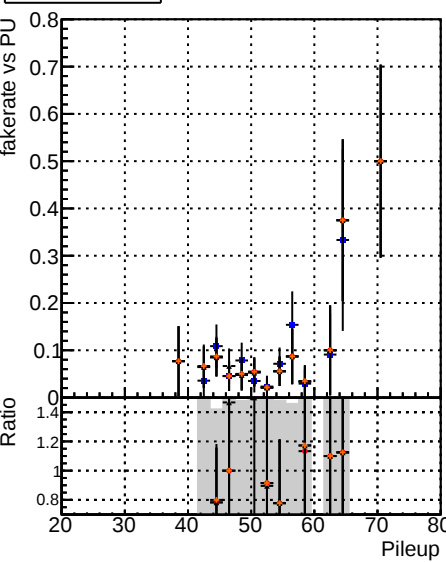
Duplicates Rate vs



Pileup rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

