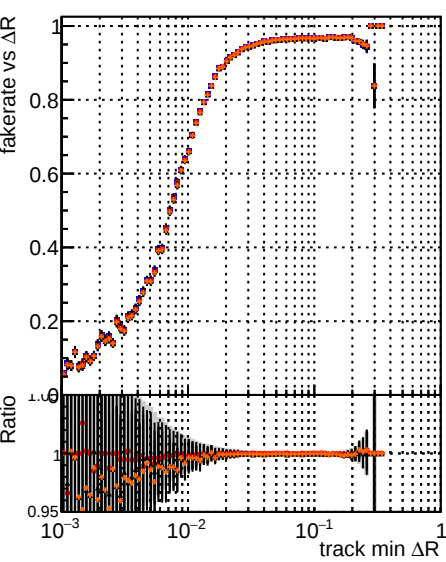
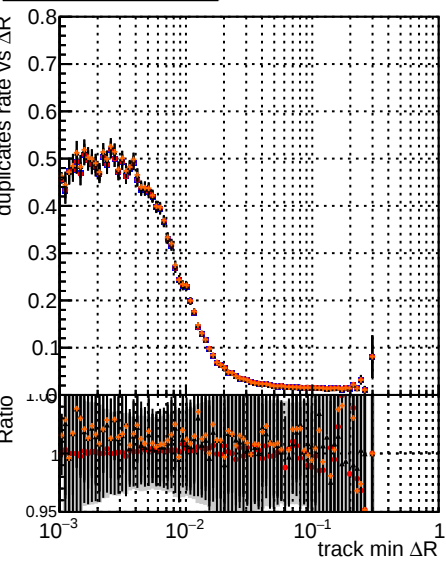


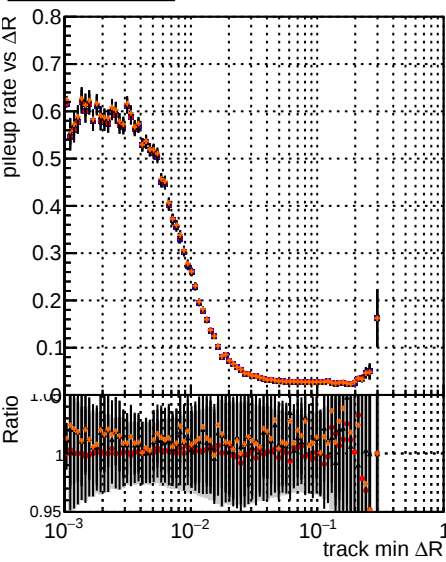
Fake rate vs dr



Duplicates Rate vs dr



Pileup rate vs dr



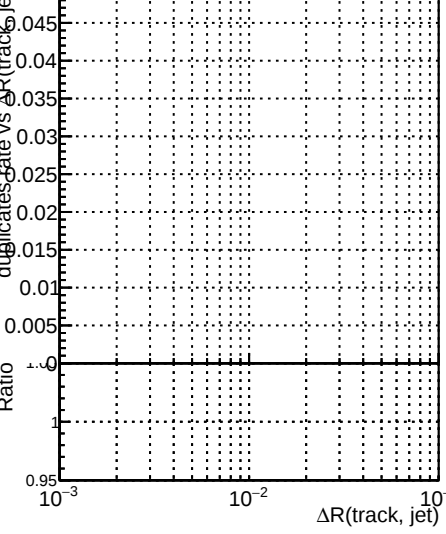
Legend for Fake rate vs  $\Delta R$ , Duplicates Rate vs  $\Delta R$ , and Pileup rate vs  $\Delta R$ :

| Line Style | Color  | Series         |
|------------|--------|----------------|
| Solid      | Black  | Global         |
| Dashed     | Blue   | mkFit original |
| Dotted     | Red    | mkFit pless    |
| DashDot    | Orange | mkFit new      |

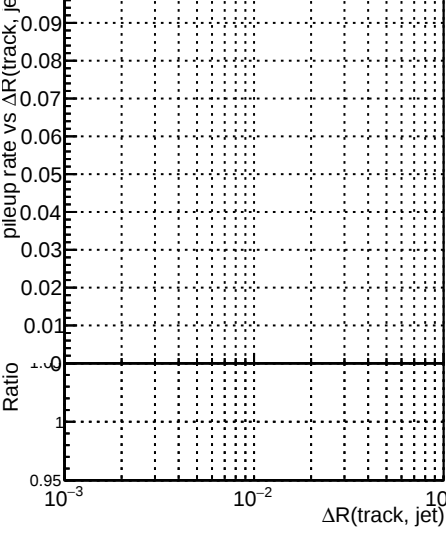
Fake rate vs



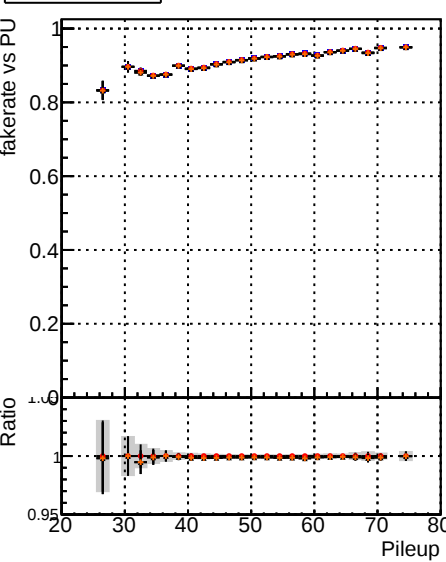
Duplicates Rate vs



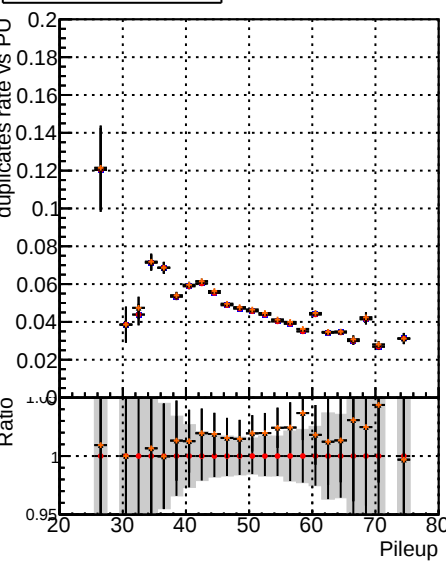
Pileup rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

