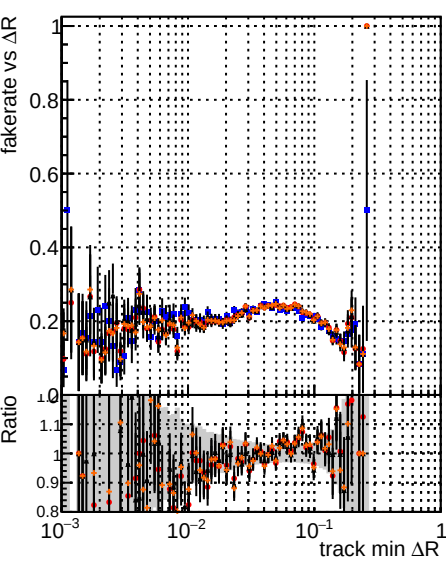
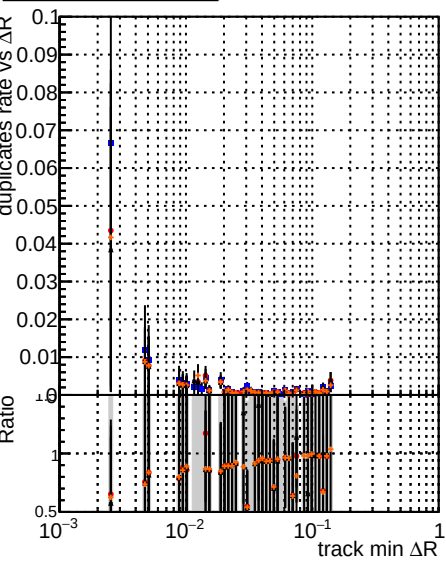


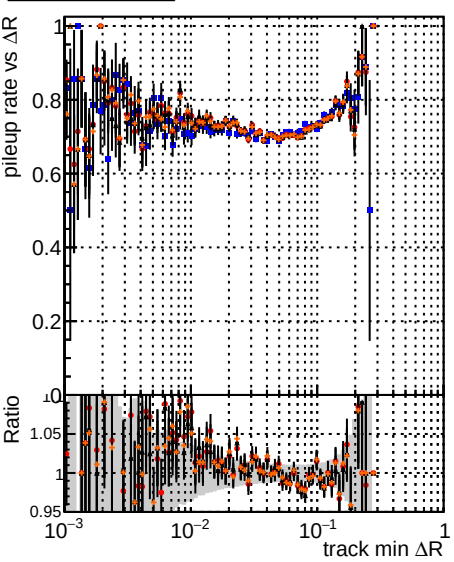
Fake rate vs dr



Duplicates Rate vs dr



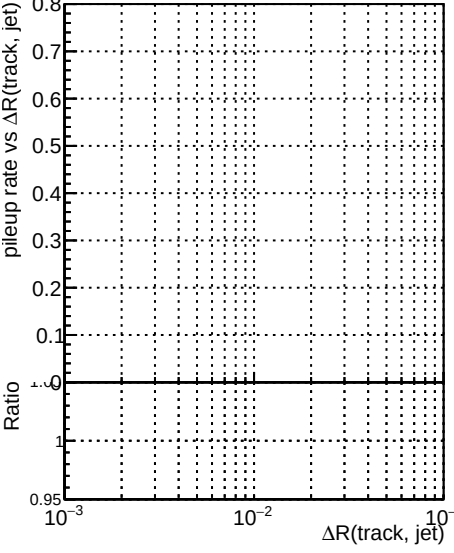
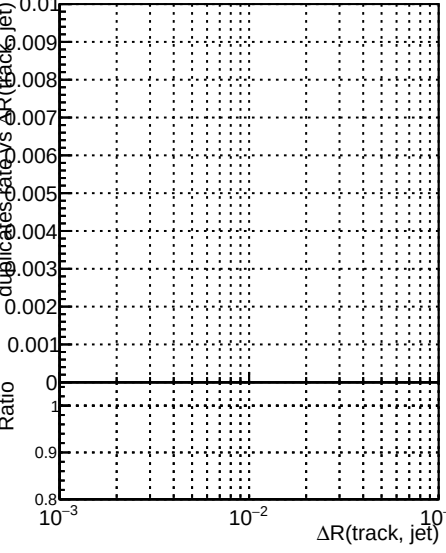
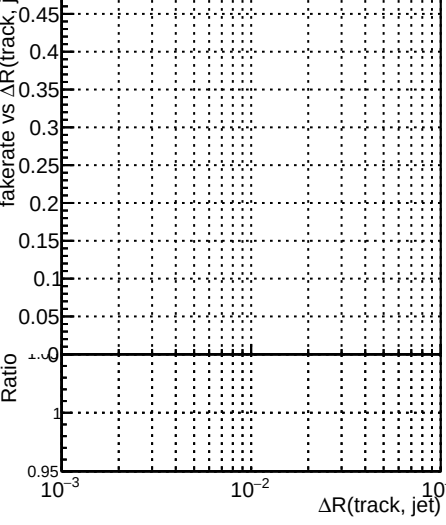
Pileup rate vs dr



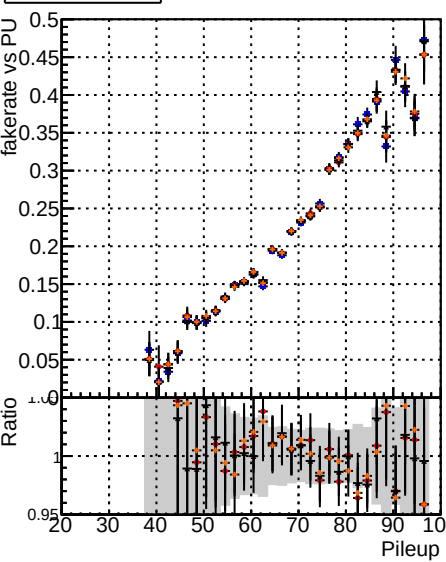
Legend for Fake rate vs  $\Delta R$  plots:

| Model               | Line Style | Color  | Symbol | Model               | Line Style | Color  | Symbol |
|---------------------|------------|--------|--------|---------------------|------------|--------|--------|
| original            | Solid      | Black  | None   | modelTEST-25        | Solid      | Blue   | Circle |
| mod modelsdeep      | Dashed     | Black  | None   | mod modelsdeep      | Dashed     | Blue   | Circle |
| truthfinal          | Dotted     | Black  | None   | truthfinal          | Dotted     | Blue   | Circle |
| reg altmodelTEST-29 | Solid      | Red    | Circle | reg altmodelTEST-29 | Solid      | Red    | Circle |
| mod modelsdeep      | Solid      | Orange | Circle | mod modelsdeep      | Solid      | Orange | Circle |
| truthfinal          | Solid      | Black  | None   | truthfinal          | Solid      | Black  | None   |
| reg altmodelTEST-24 | Solid      | Black  | None   | reg altmodelTEST-24 | Solid      | Black  | None   |

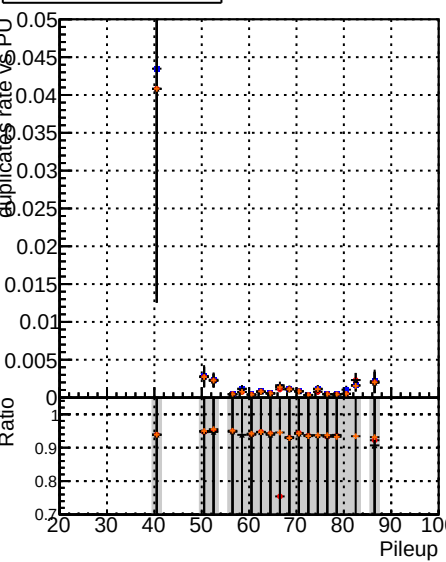
Fake rate vs



Fake rate vs pu



Duplicates Rate vs pu



Pileup rate vs pu

