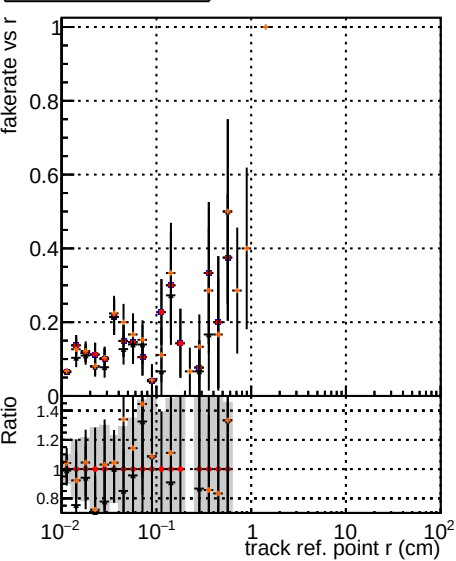
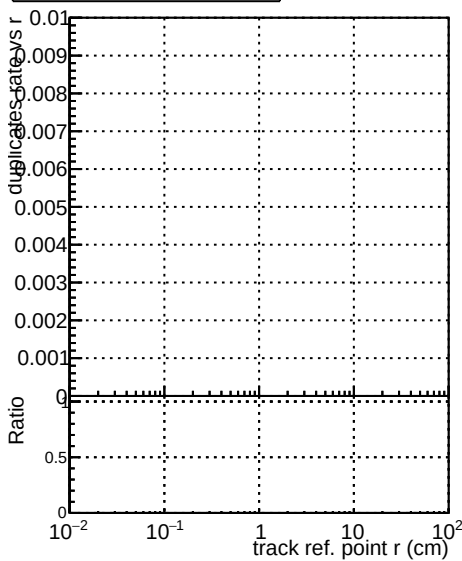


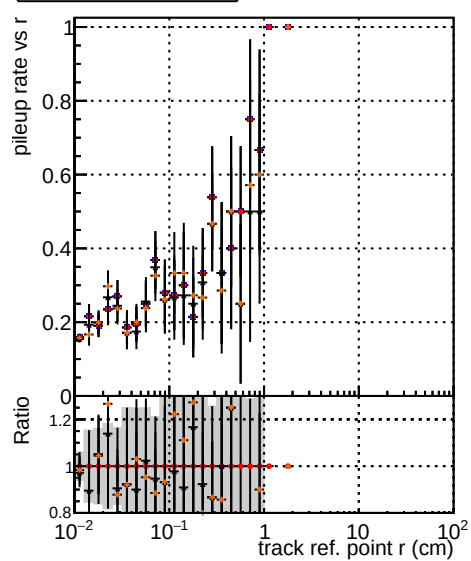
Fake rate vs vertpos



Duplicates Rate vs vertpos



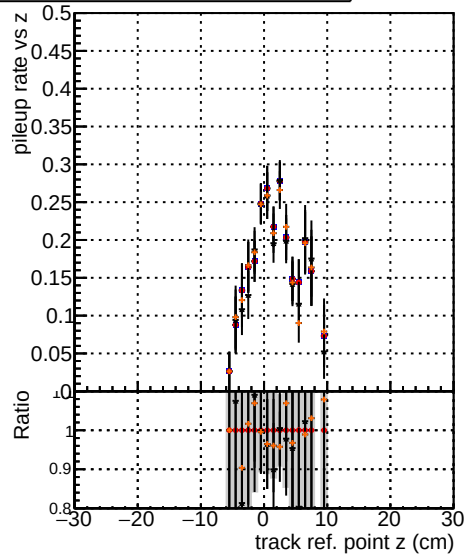
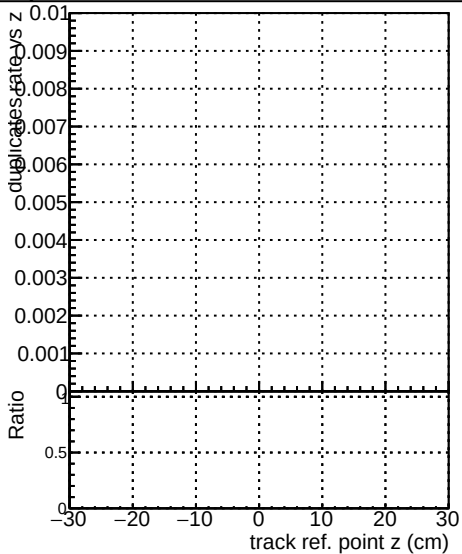
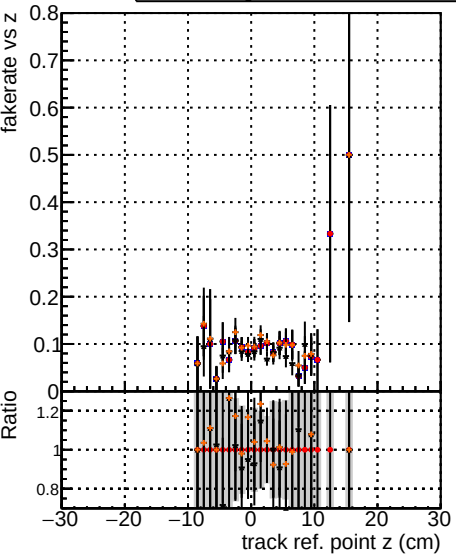
Pileup rate vs vertpos



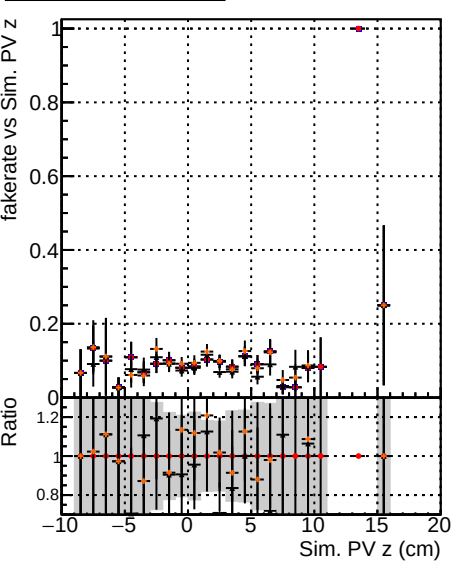
Fake rate vs v

Legend:

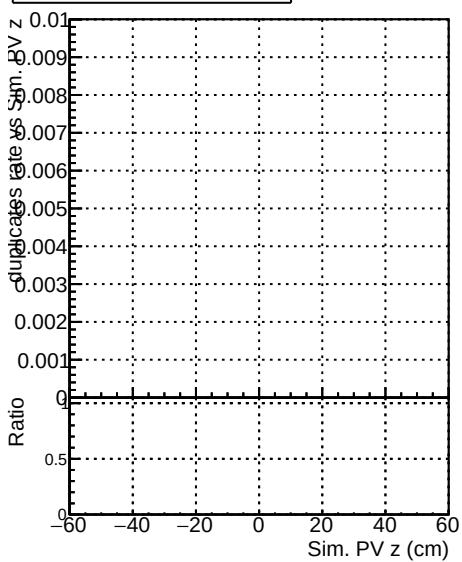
- original lowpt (black square)
- newbranch lowpt (red circle)
- original lowpt pless (blue triangle)
- newbranch lowpt pless (orange diamond)



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

