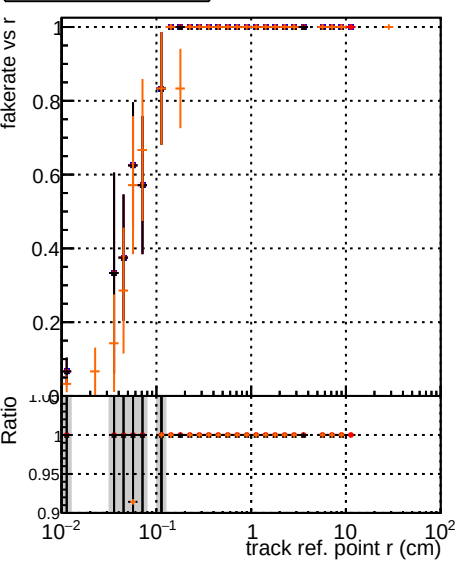
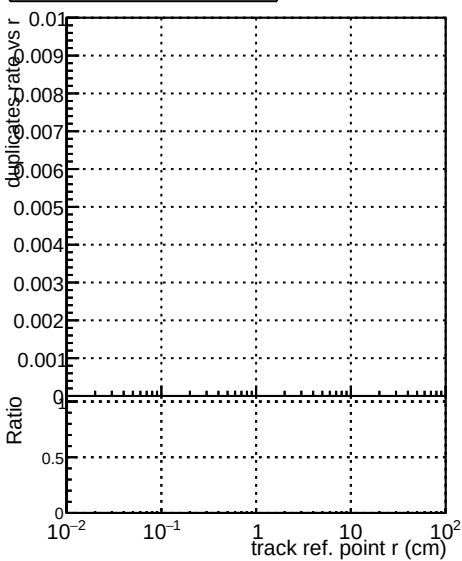


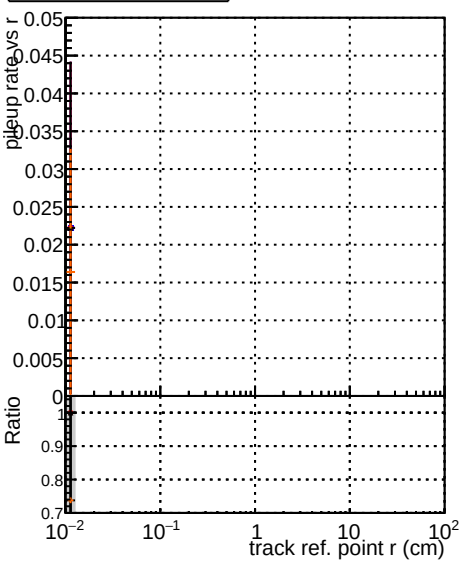
Fake rate vs vertpos



Duplicates Rate vs vertpos



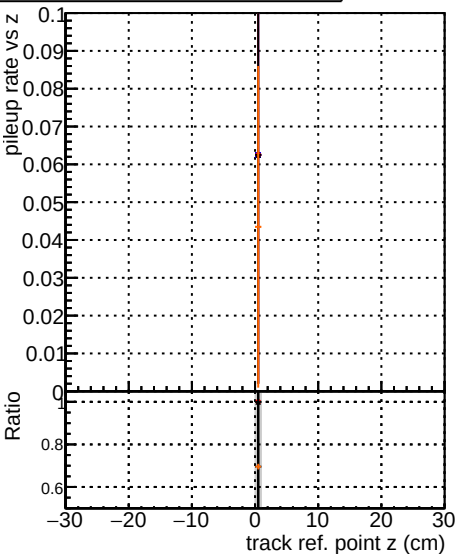
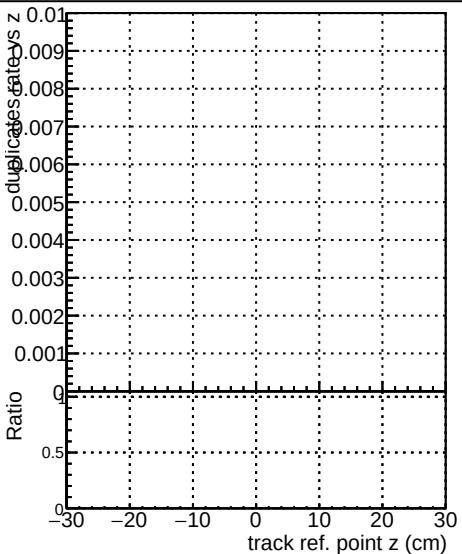
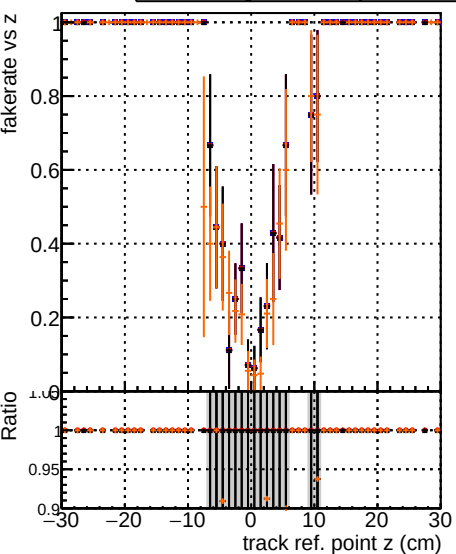
Pileup rate vs vertpos



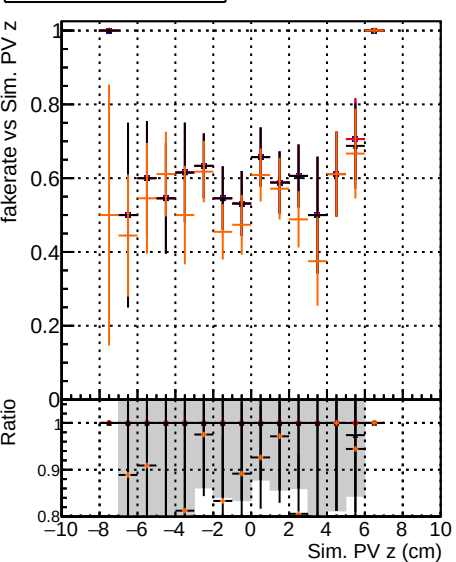
Fake rate vs v

Legend:

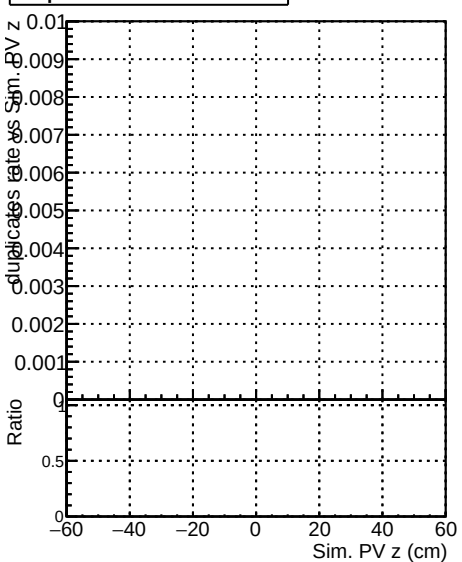
- DQM original (blue squares)
- DQM original vector (red circles)
- DQM fitted (black triangles)
- DQM fit nocpe (orange crosses)



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

