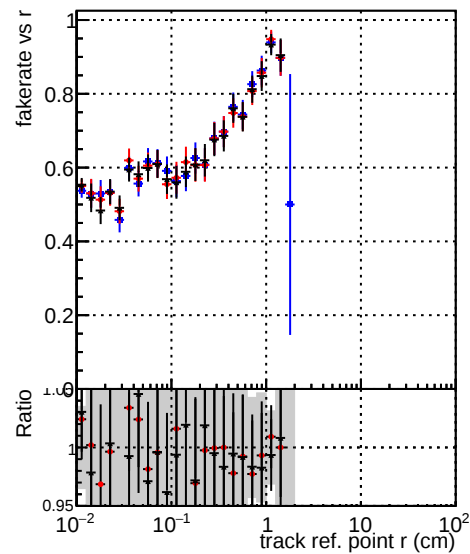
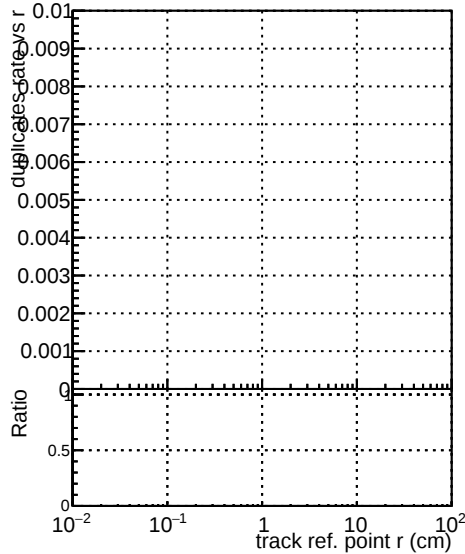


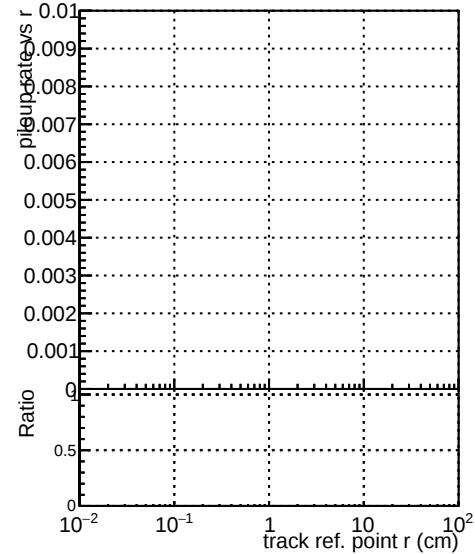
**Fake rate vs vertpos**



**Duplicates Rate vs vertpos**



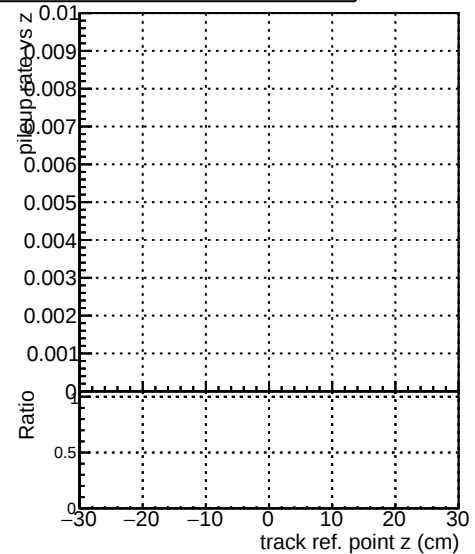
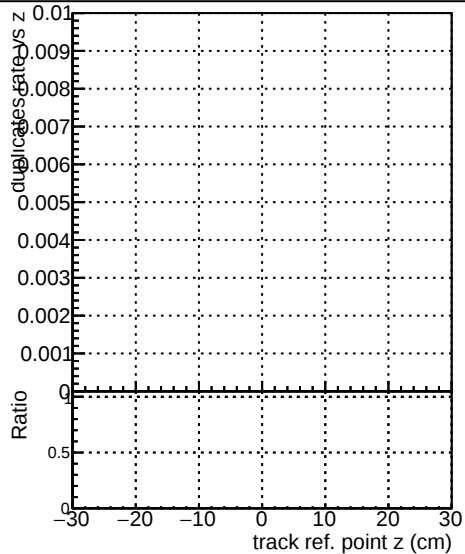
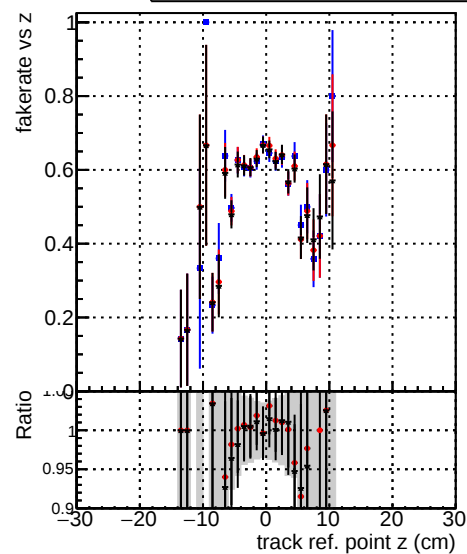
**Pileup rate vs vertpos**



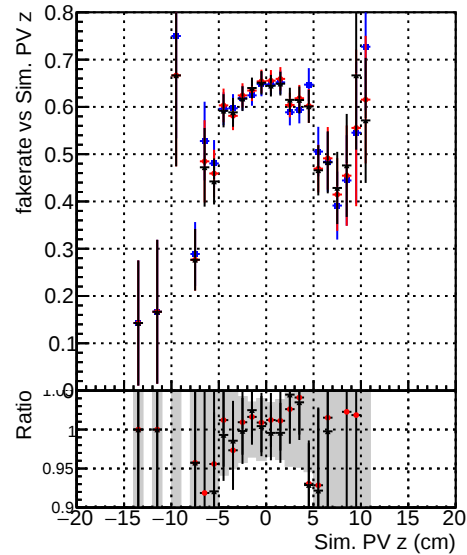
**Fake rate vs v**

Legend:

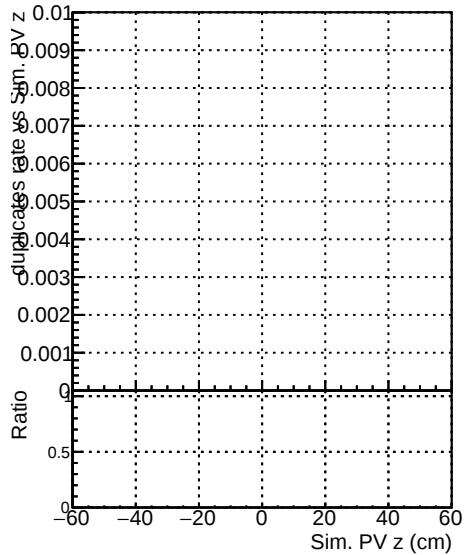
- DQM\_original\_step2\_ttbar-phase1-newgeom (blue circles)
- DQM\_mkFit\_step2\_ttbar-phase1-newgeom (red circles)
- DQM\_pixelCPETemplate\_step2\_ttbar-phase1-newgeom (black circles)



**Fake rate vs. sim PV z**



**Duplicates Rate vs sim PV z**



**Pileup rate vs. sim PV z**

