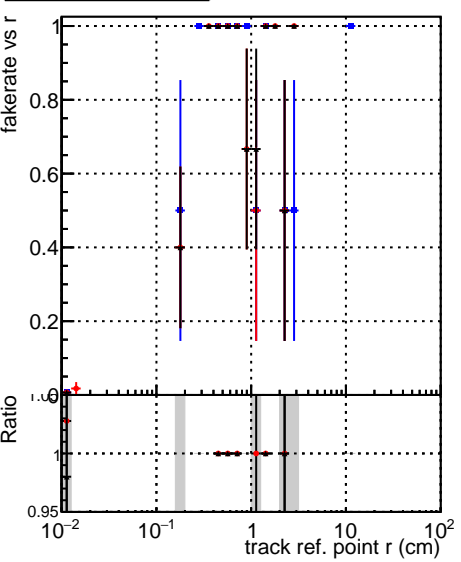
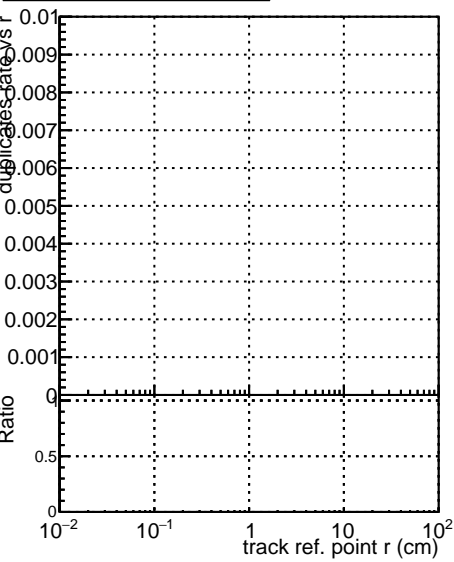
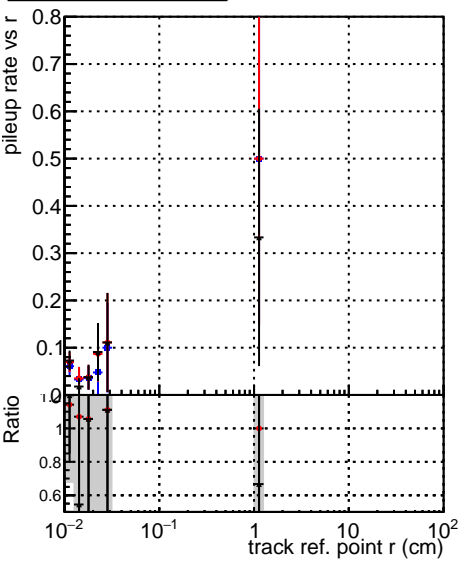
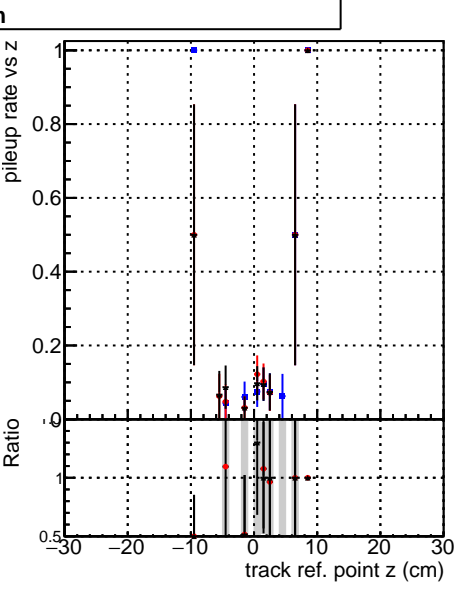
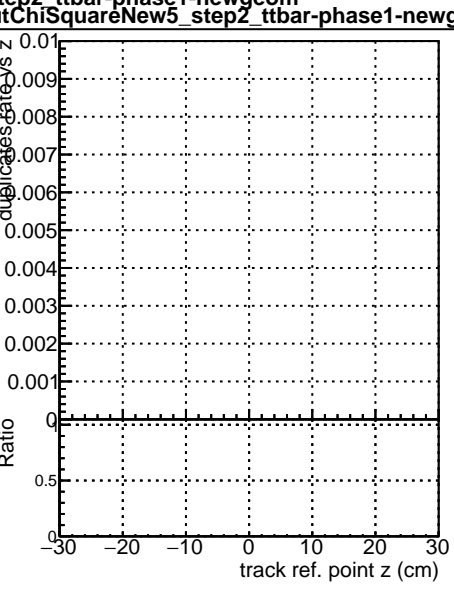
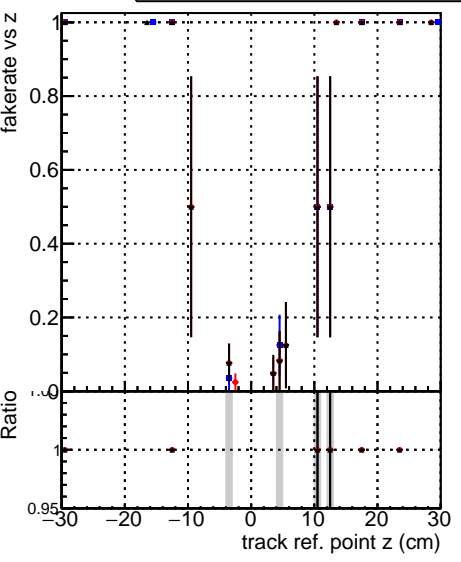
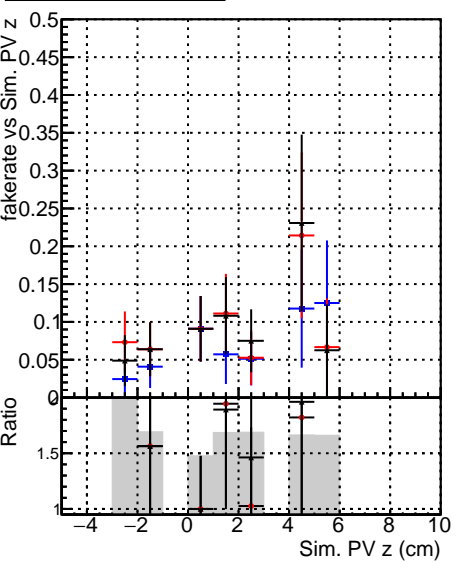
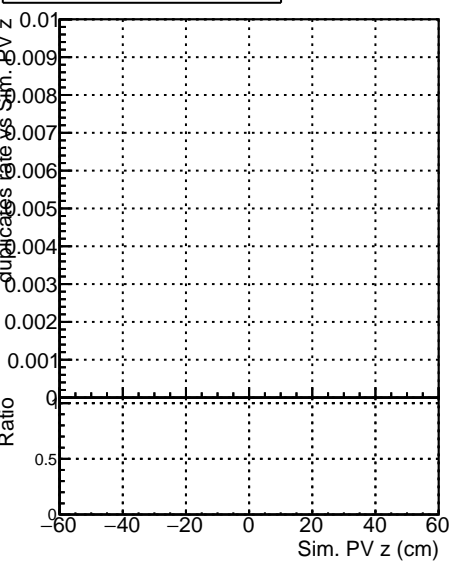


**Fake rate vs vertpos****Duplicates Rate vs vertpos****Pileup rate vs vertpos**

■ DQM\_original\_step2\_ttbar-phase1-newgeom  
● DQM\_pixelCPETemplateCut2\_ttbar-phase1-newgeom  
▲ DQM\_pixelCPETemplateCutChiSquareNew5\_step2\_ttbar-phase1-newgeom

**Fake rate vs v****Fake rate vs. sim PV z****Duplicates Rate vs sim PV z****Pileup rate vs. sim PV z**