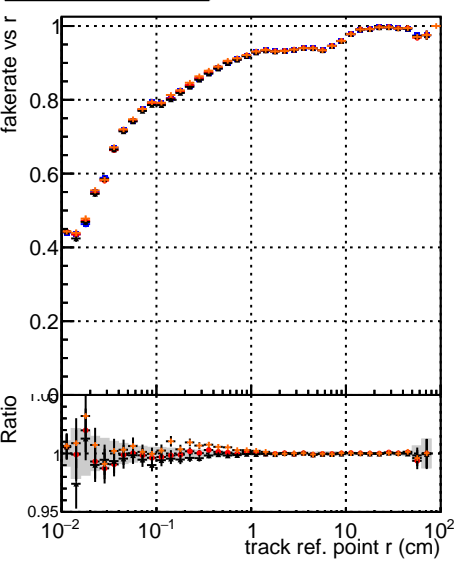
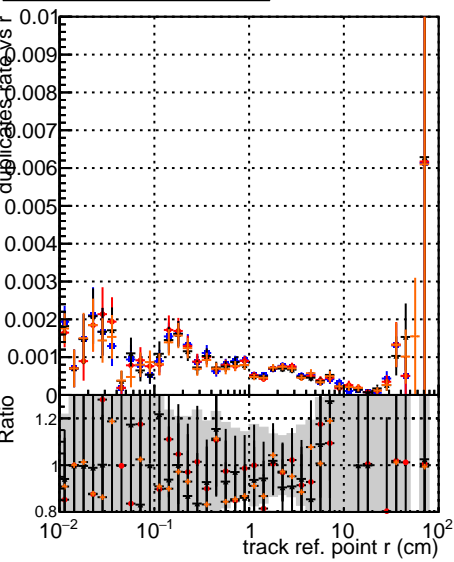
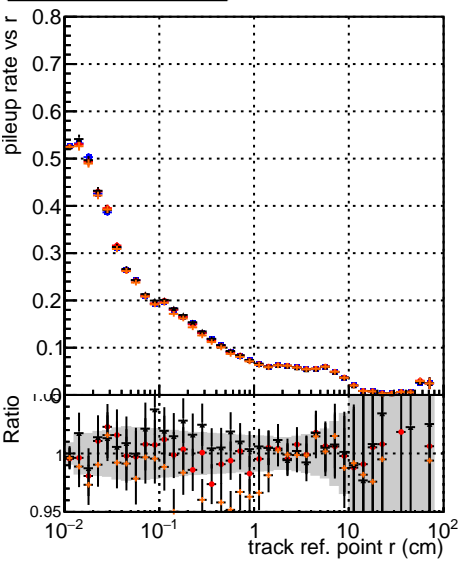
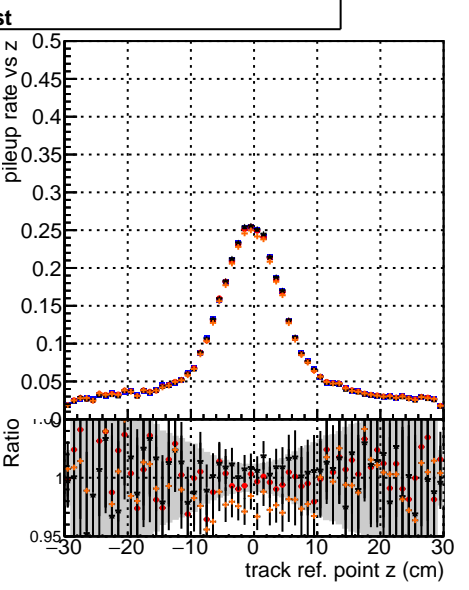
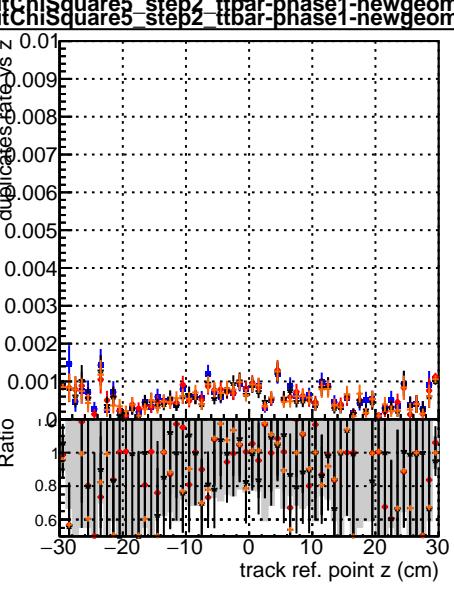
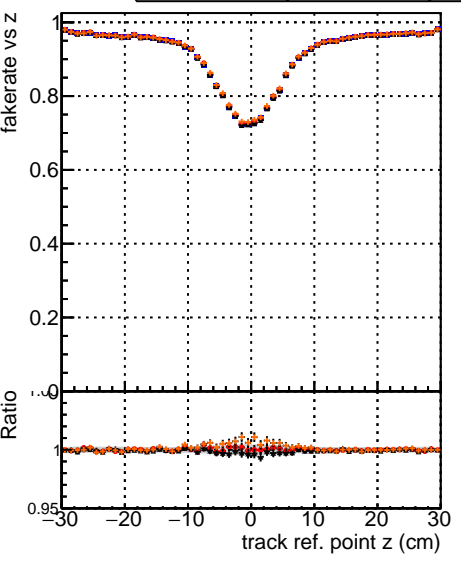
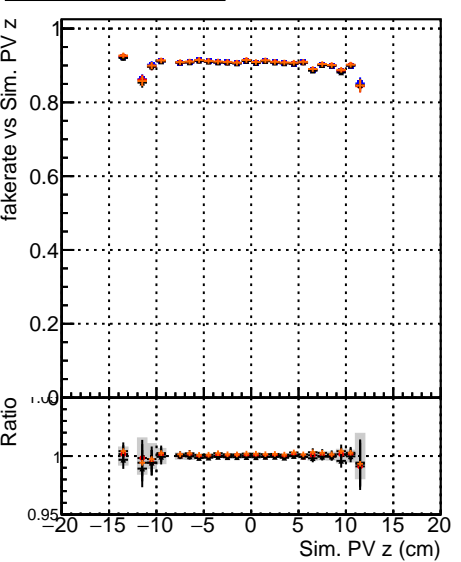
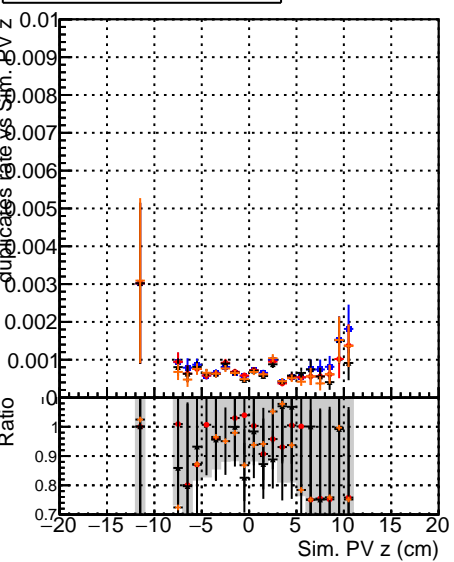


**Fake rate vs vertpos****Duplicates Rate vs vertpos****Pileup rate vs vertpos**

—●— DGM original step2 ttbar phase1 newgeom  
—●— DGM pixel CPE template step2 ttbar phase1 newgeom  
—●— DGM pixel CPE template chi squares step2 ttbar phase1 newgeom  
—●— DGM pixel CPE template chi squares step2 ttbar phase1 newgeom test

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