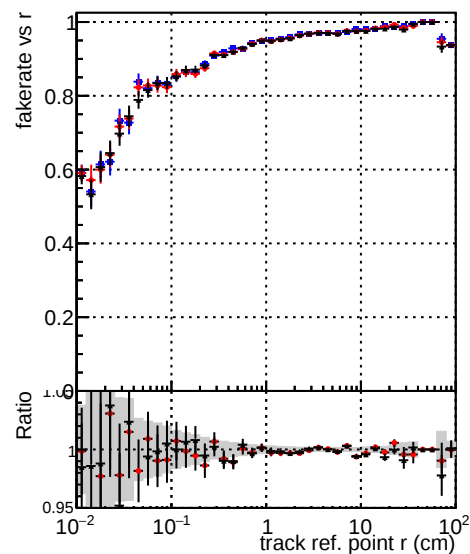
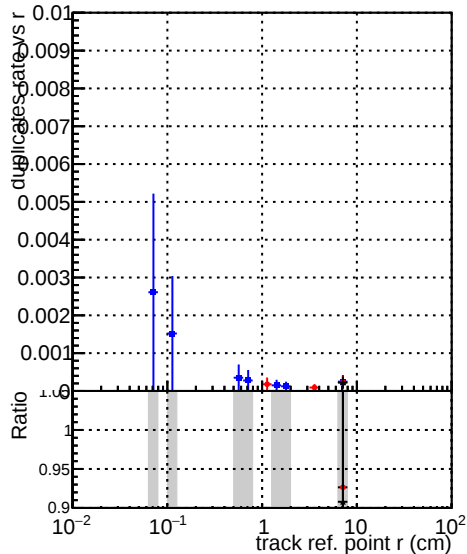


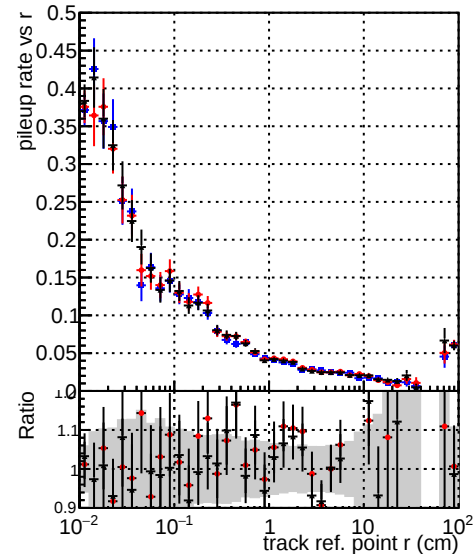
Fake rate vs vertpos

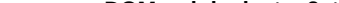


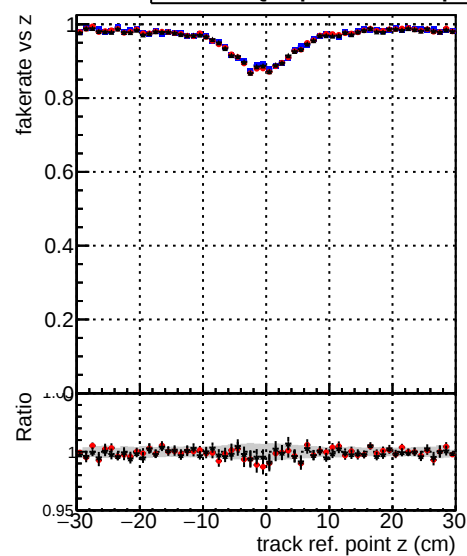
Duplicates Rate vs vertpos



Pileup rate vs vertpos



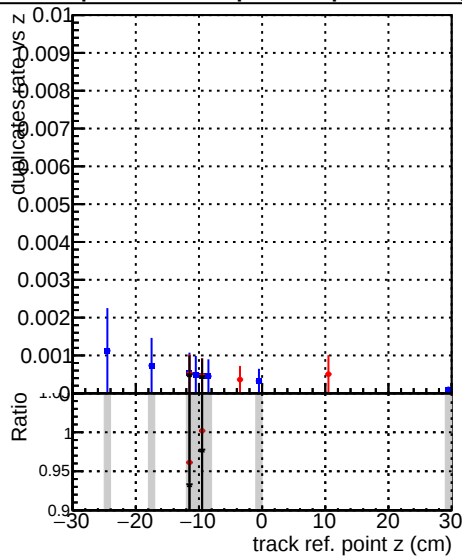

 DOM original_step2 ttbar-phase1-newgeom
 DOM pixelCPETemplate_step2 ttbar-phase1-newgeom
 DOM pixelCPETemplateCutChiSquareNew5_step2 ttbar-phase1-newgeom

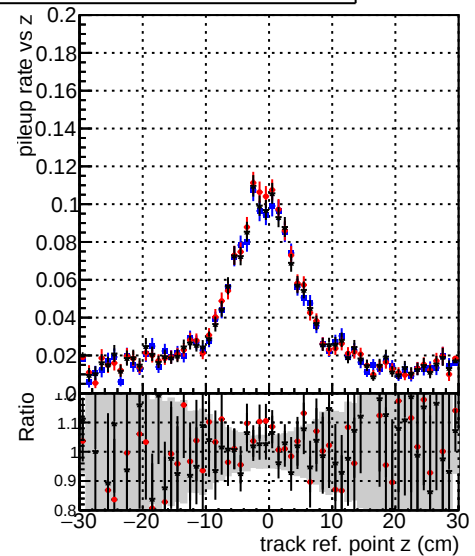


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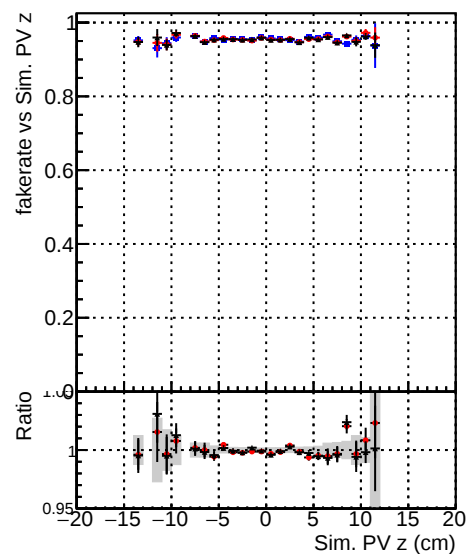
phase1-newgeom

```

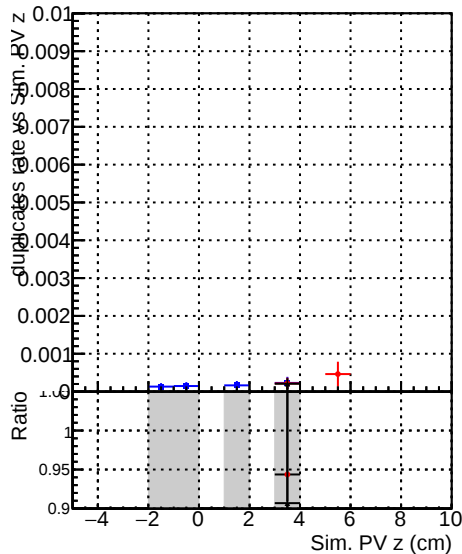




Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

