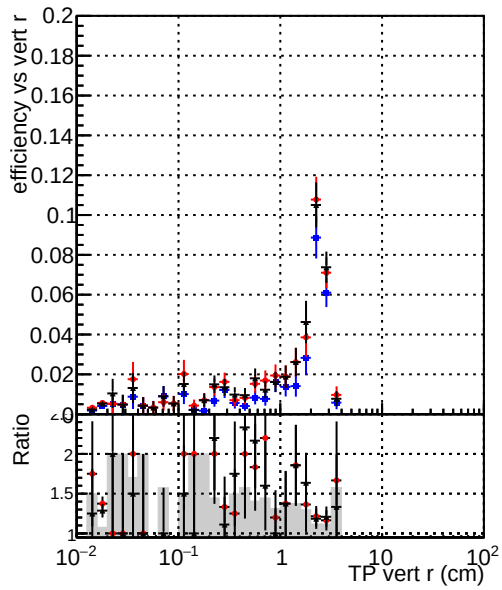
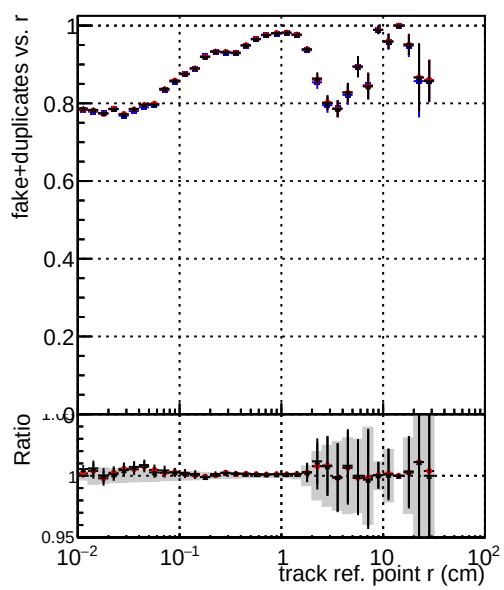
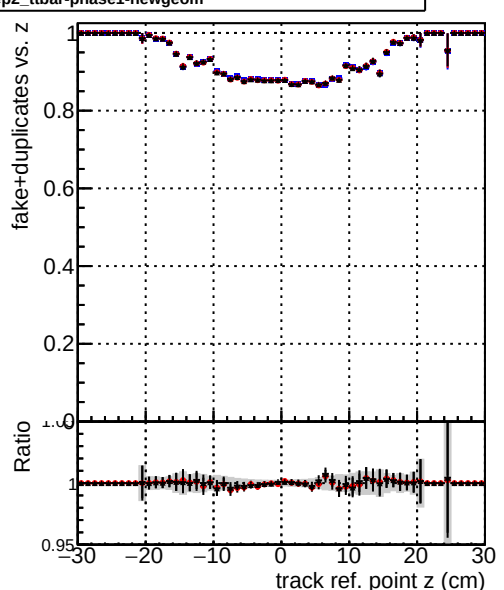
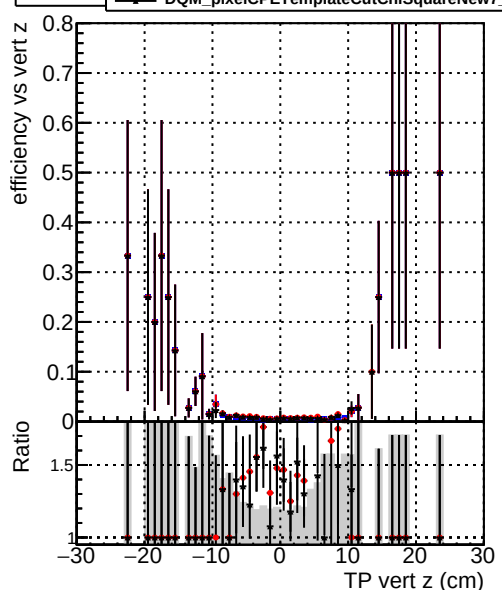
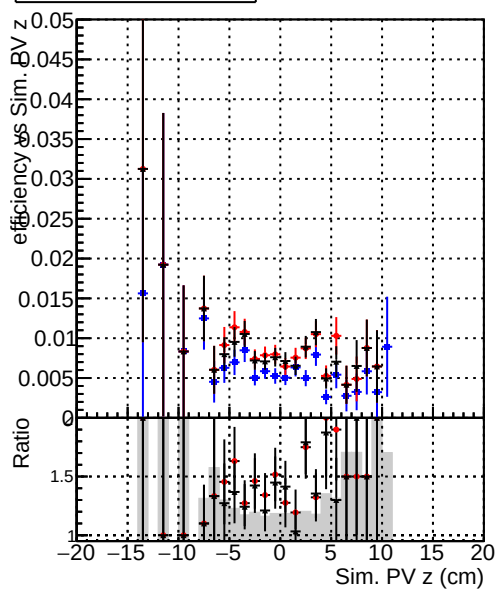


Efficiency vs vertpos**fake+duplicates vs vert r****Efficiency**

Legend for Efficiency vs. TP vert z (cm):

- DQM_original_step2_ttbbar-phase1-newgeom (blue stars)
- DQM_pixelCPETemplate_step2_ttbbar-phase1-newgeom (red stars)
- DQM_pixelCPETemplateCutChiSquareNew7_step2_ttbbar-phase1-newgeom (black stars)

**Efficiency vs. sim PV z****fake+duplicates vs Sim. PV z**