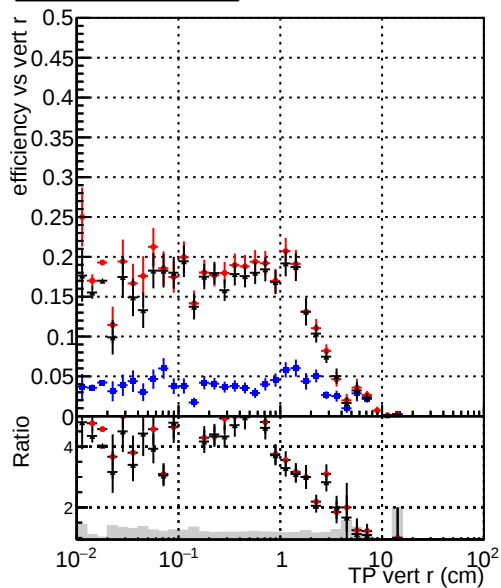
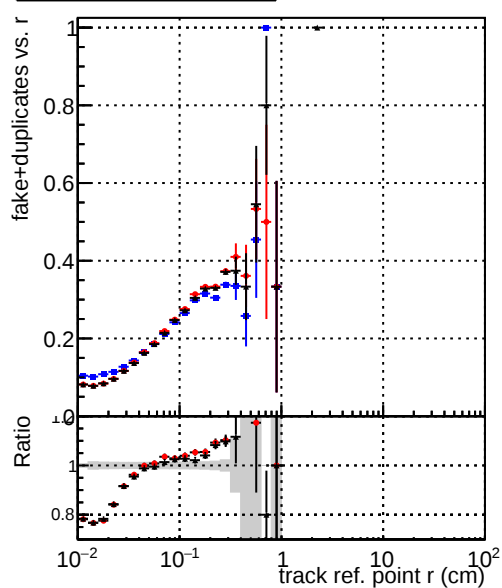
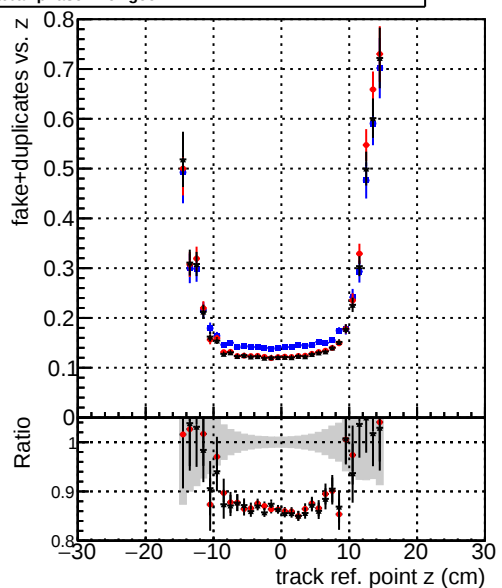
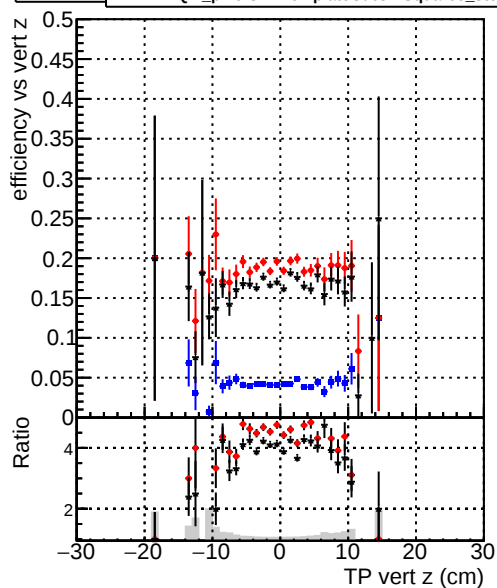
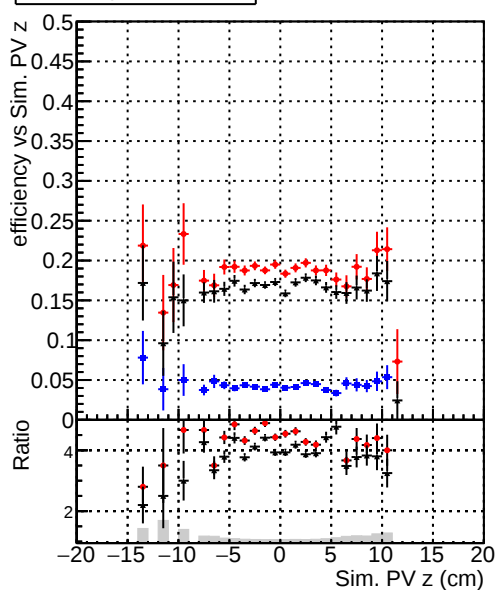


**Efficiency vs vertpos****fake+duplicates vs vert r**
**Efficiency vs vert z**  
 — DQM\_original\_step2\_ttb ar-phase1-newgeom  
 — DQM\_pixelCPETemplate\_step2\_ttb ar-phase1-newgeom  
 — DQM\_pixelCPETemplateCutChiSquare5\_step2\_ttb ar-phase1-newgeom
**Efficiency vs. sim PV z****fake+duplicates vs Sim. PV z**