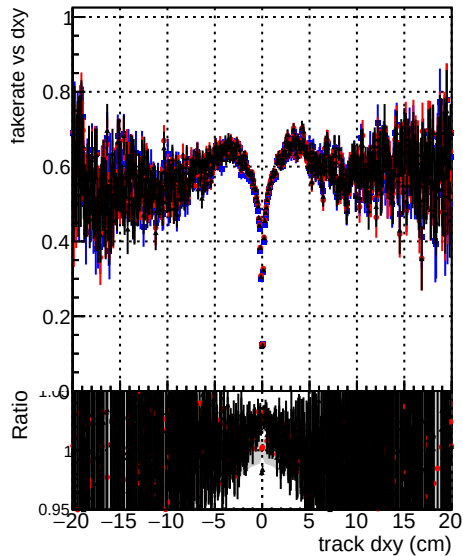
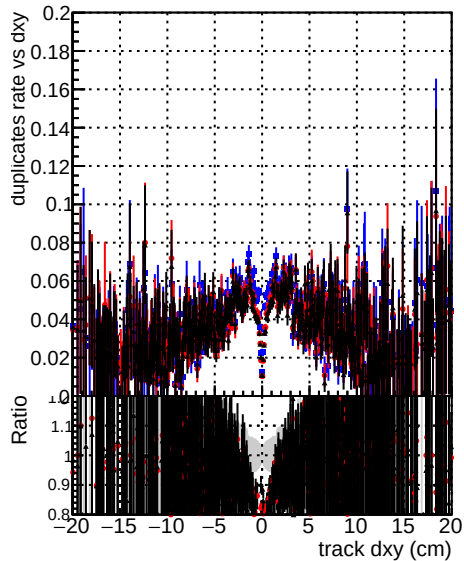
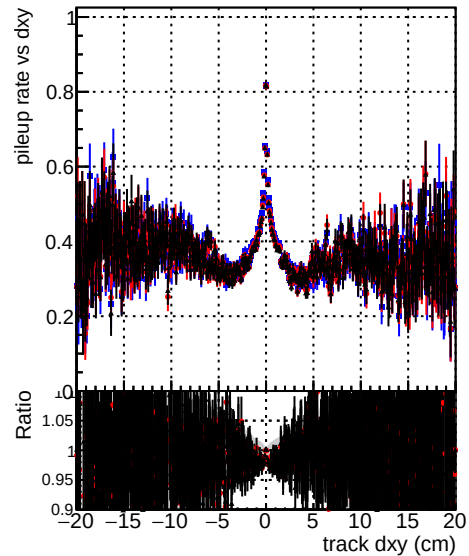
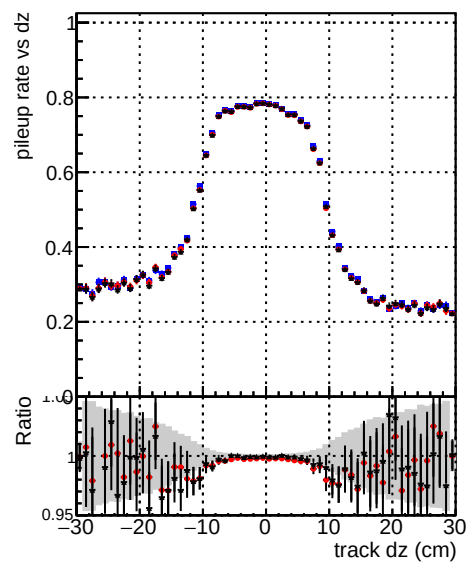
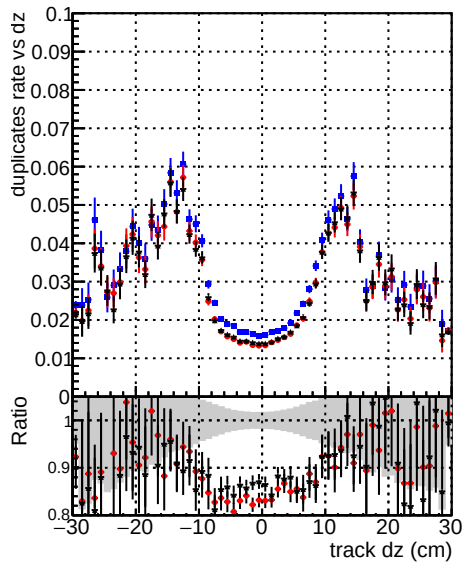
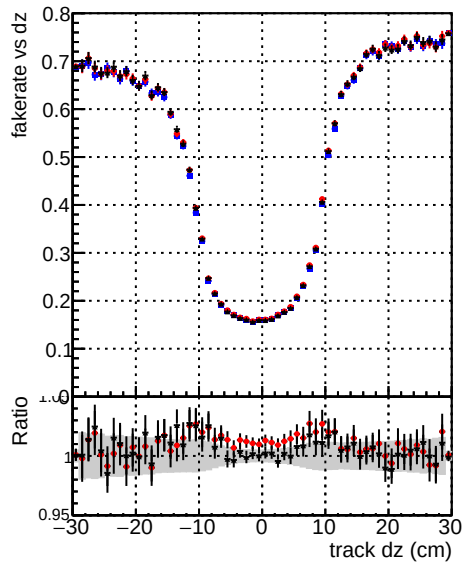


Fake rate vs dxy**Duplicates Rate vs Dxy****Pileup rate vs dxy****Fake rate vs dz**

— DOM original_step2_ttbbar-phase1-newgeom
 — pixelCPE_step2_ttbbar-phase1-newgeom
 — DOM pixelCPE+2OR_step2_ttbbar-phase1-newgeom