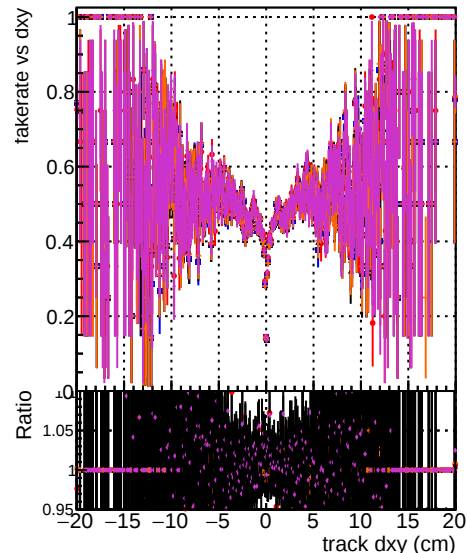
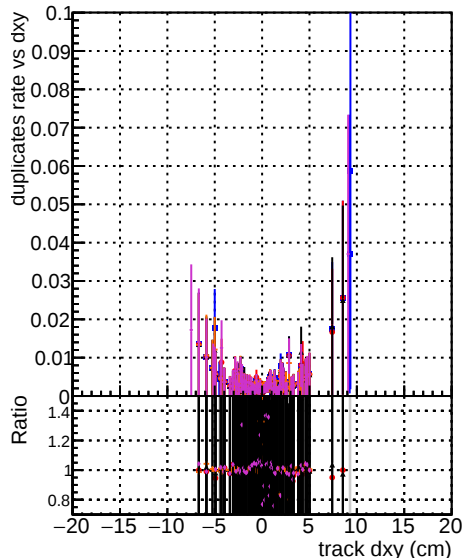
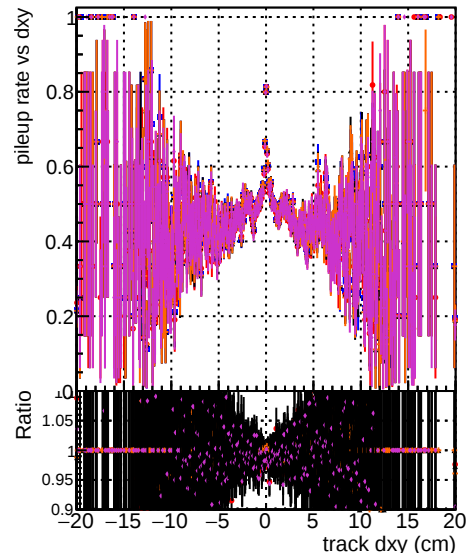
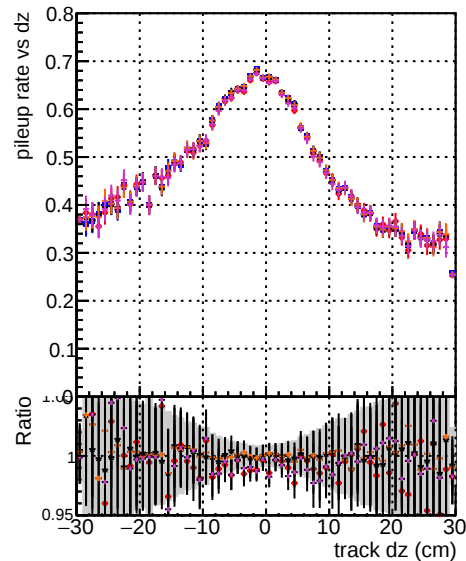
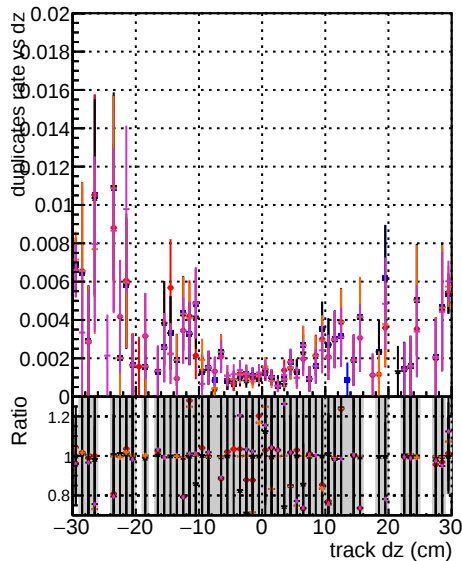
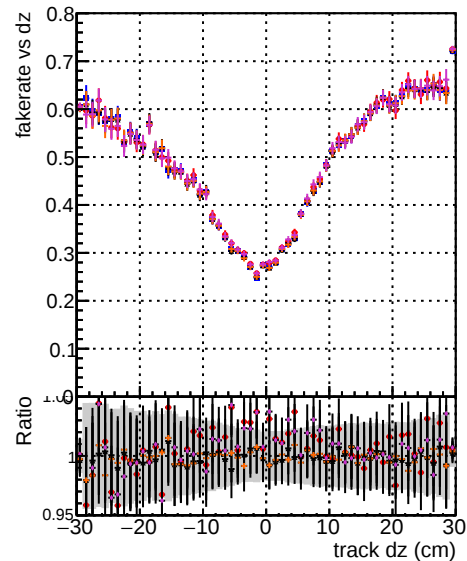


Fake rate vs dxy**Duplicates Rate vs Dxy****Pileup rate vs dxy****Fake rate vs dz**

Legend for all plots:

- DOM original
- DOM step2
- DOM step2+thar
- DOM step2+thar+phase1-newgeom
- DOM step2+thar+phase1-newgeom+fixICP
- DOM step2+thar+phase1-newgeom+fixICP+template
- DOM step2+thar+phase1-newgeom+fixICP+template+step2+thar+phase1-newgeom