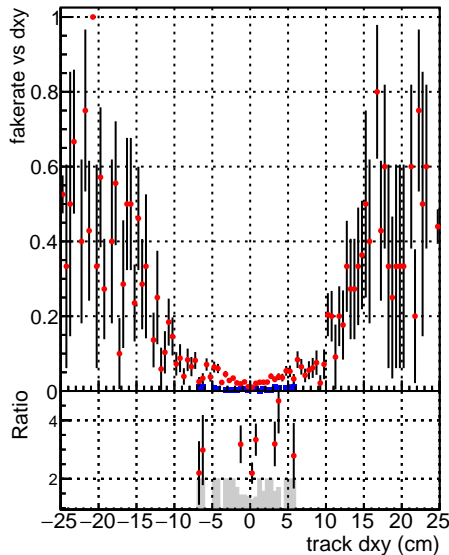
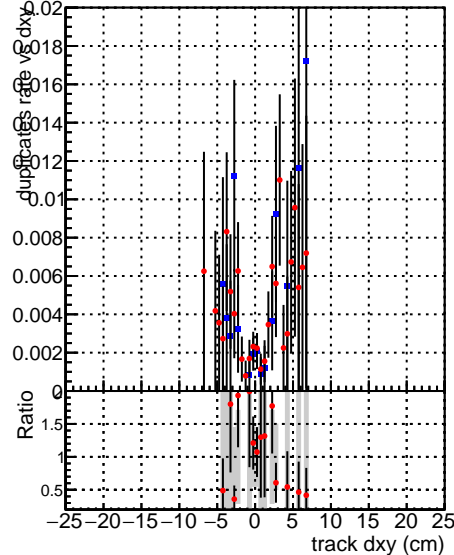
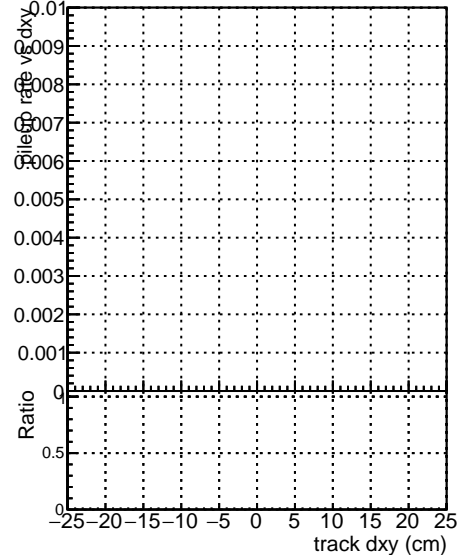
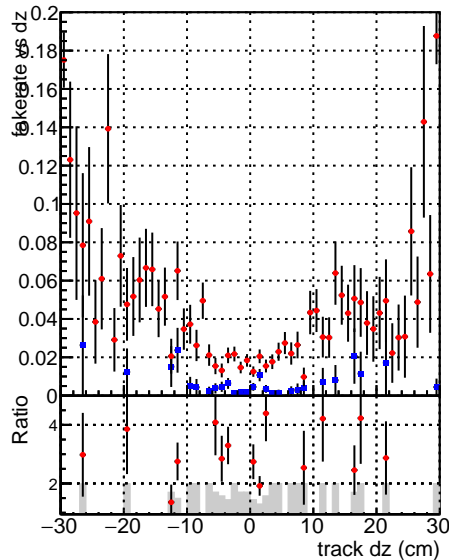
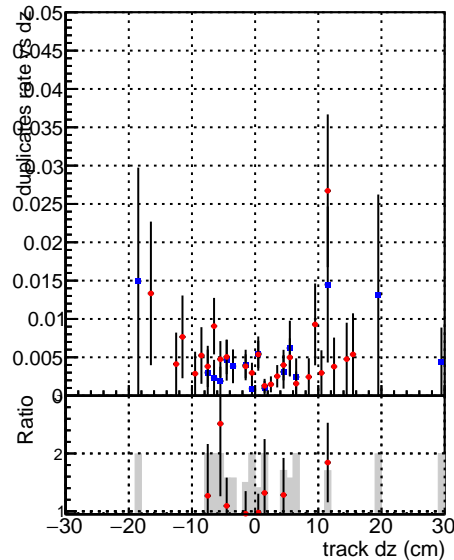


Fake rate vs dxy**Duplicates Rate vs Dxy****Pileup rate vs dxy**

—● SoftQCD_default
—● SoftQCD_ckfPixelLessStep

Fake rate vs dz**Duplicates Rate vs Ddz****Pileup rate vs dz**