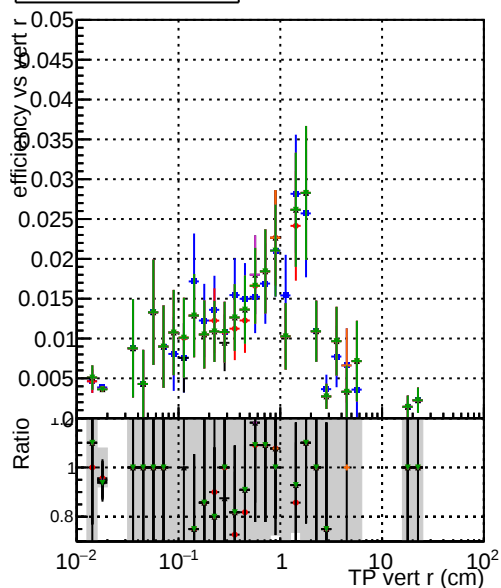
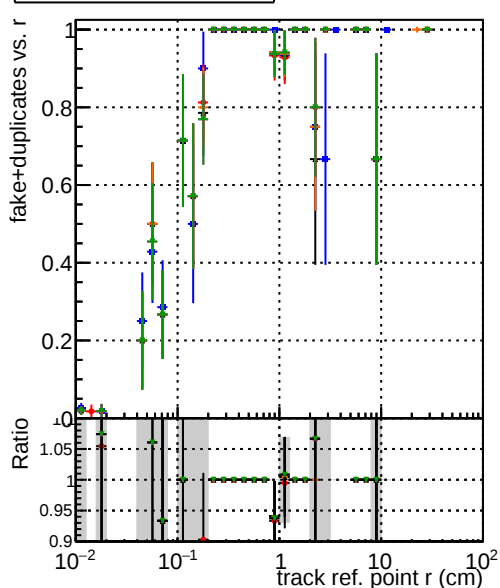


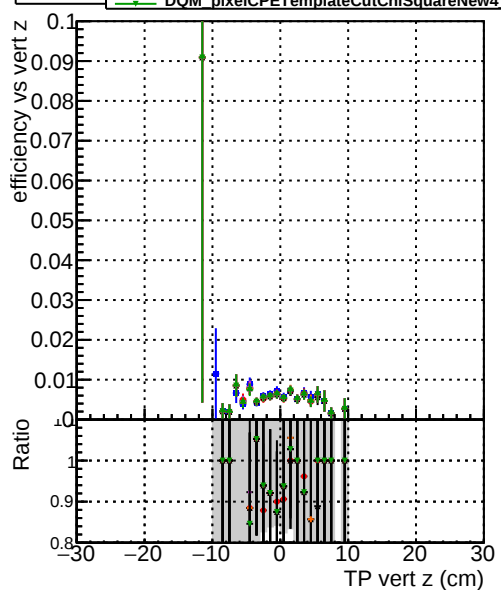
Efficiency vs vertpos



fake+duplicates vs vert r



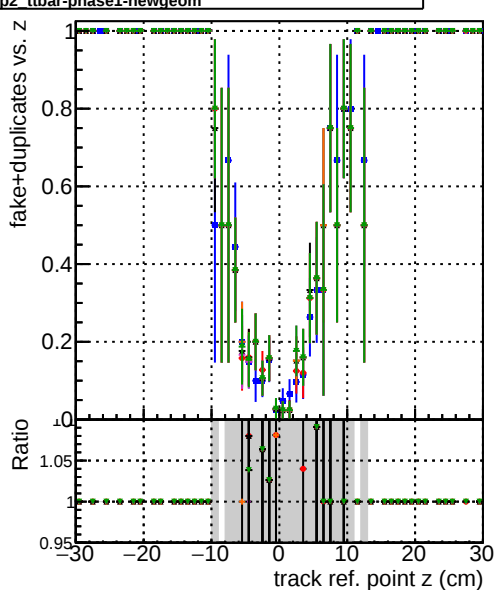
Efficiend



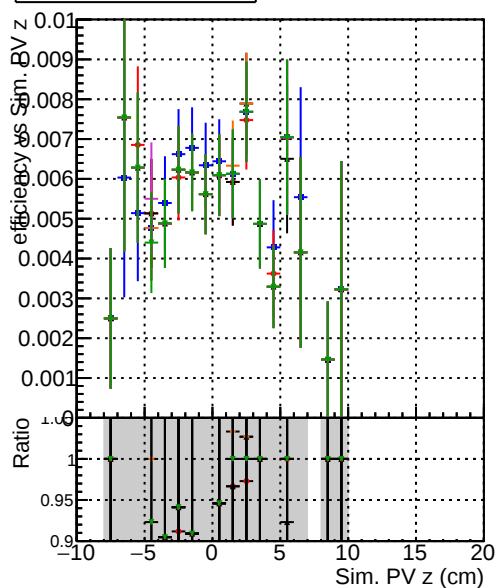
```

2 ttfbar-phase1-newgeom
3 ttfbar-phase1-newgeom
4 ttfbar-phase1-newgeom
5 ttfbar-phase1-newgeom

```



Efficiency vs. sim PV z



fake+duplicates vs Sim. PV z

