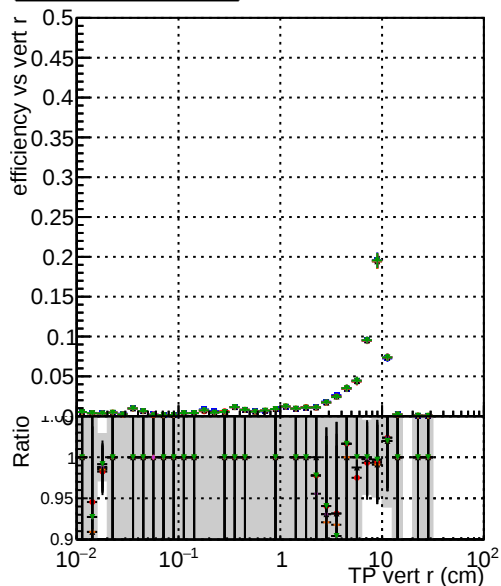
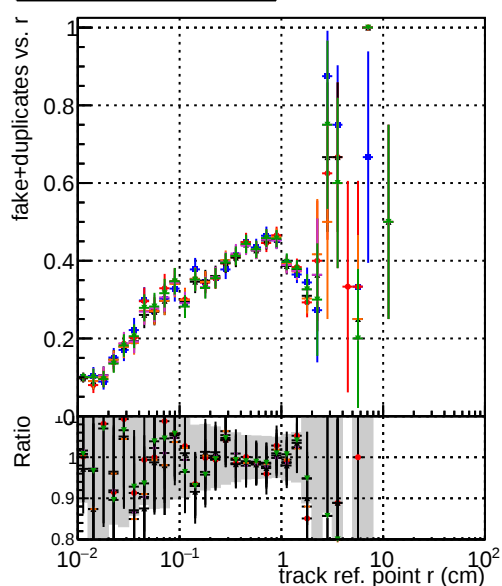


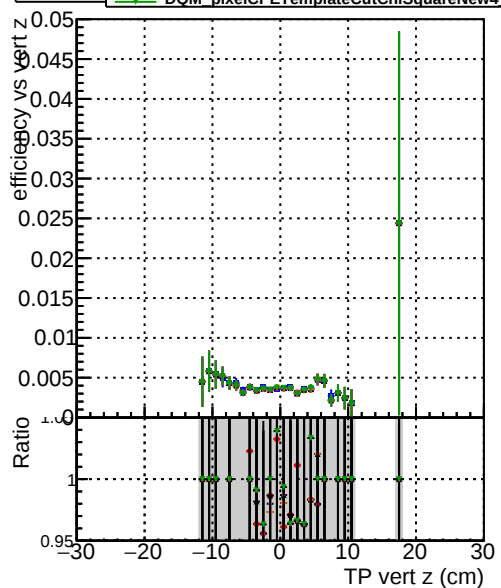
Efficiency vs vertpos



fake+duplicates vs vert r



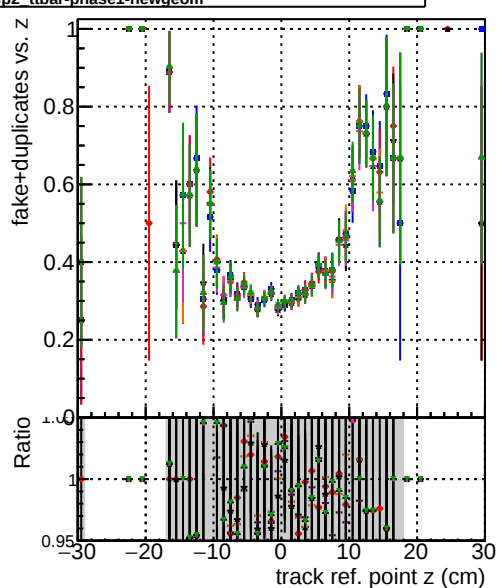
Efficiend



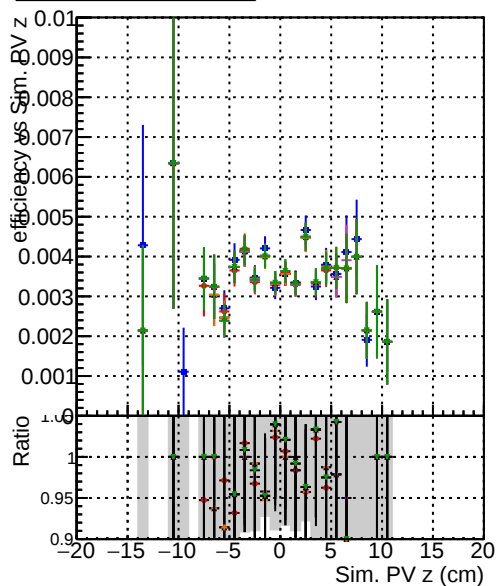
```

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

