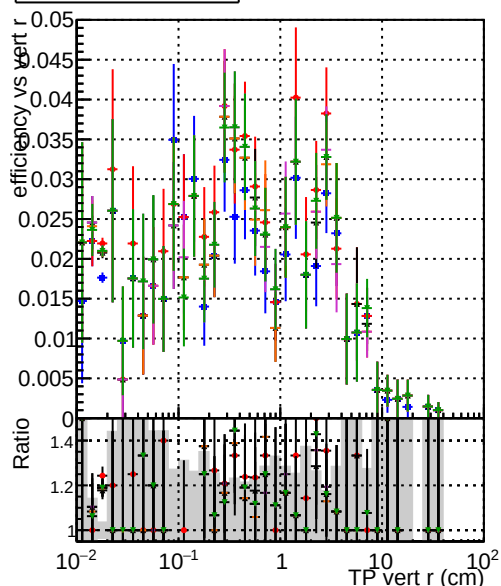
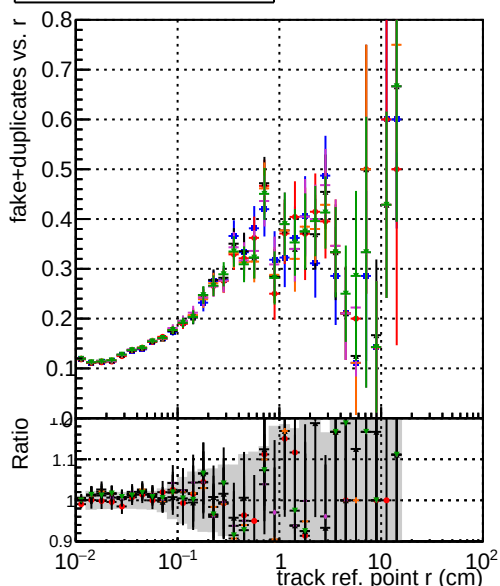


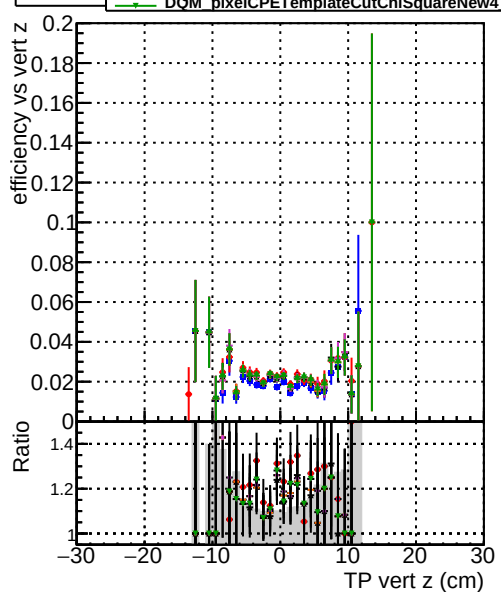
Efficiency vs vertpos



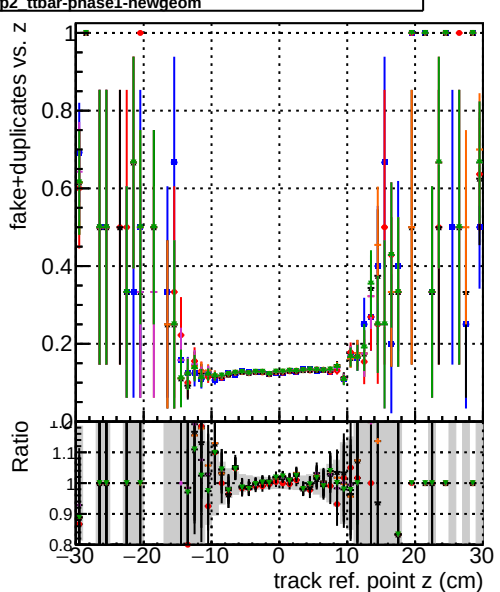
fake+duplicates vs vert r



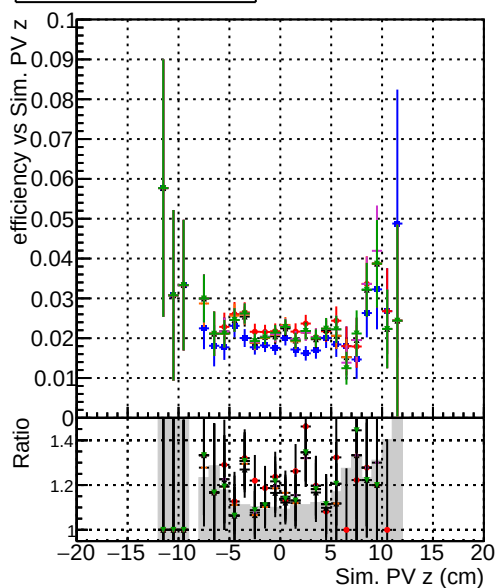
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```
2 ttbar-phase1-newgeom
3 ttbar-phase1-newgeom
4 ttbar-phase1-newgeom
```



Efficiency vs. sim PV z



fake+duplicates vs Sim. PV z

