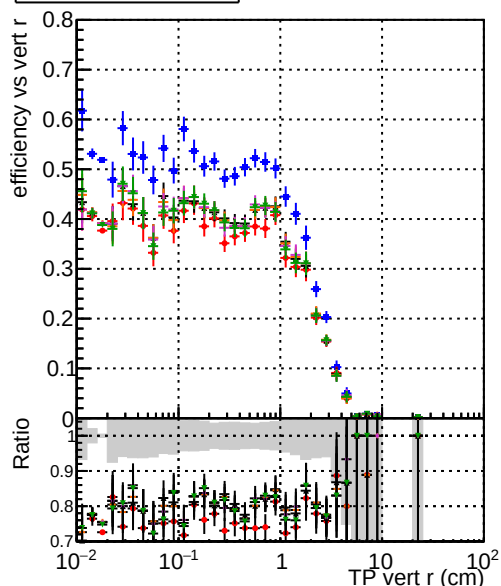
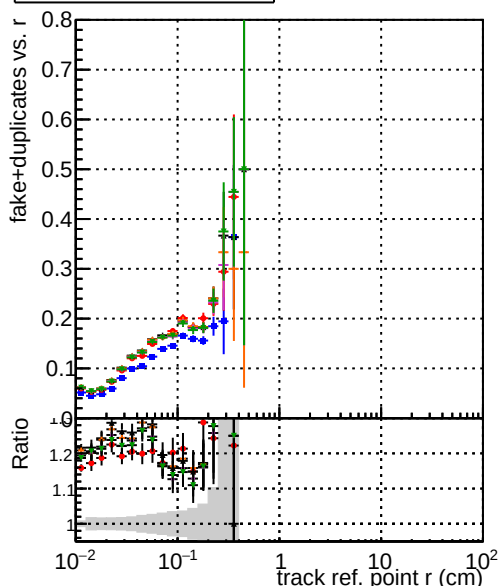


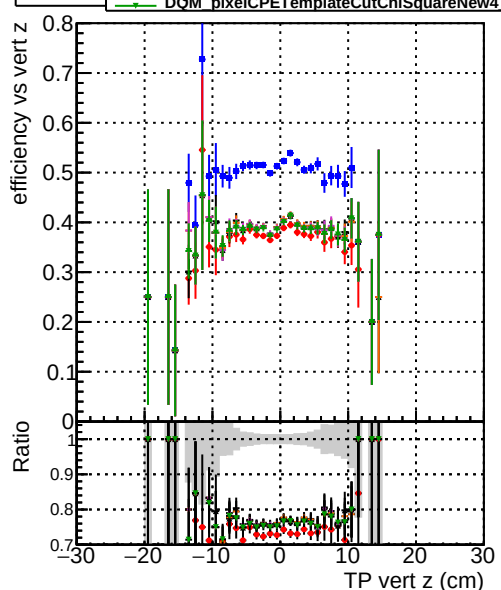
## Efficiency vs vertpos



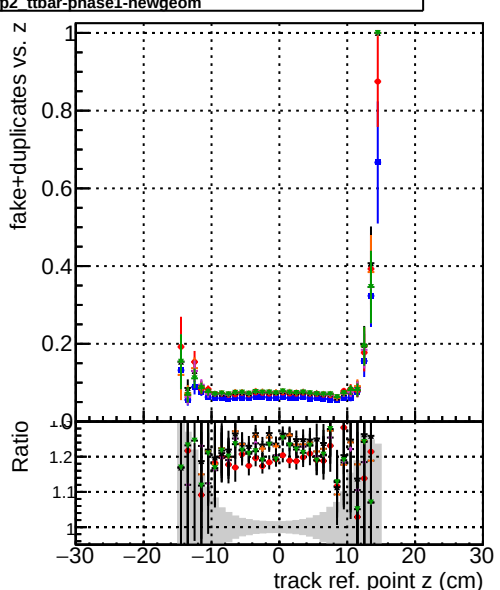
fake+duplicates vs vert r



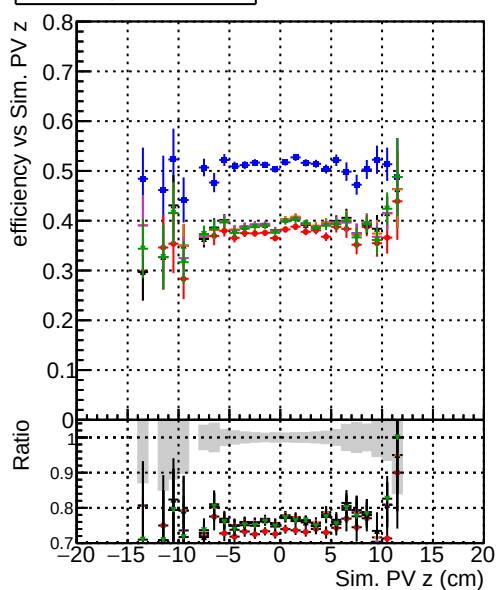
| Effizienz |  |  |  |
|-----------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| 1         |  |  |  |
| 2         |  |  |  |
| 3         |  |  |  |



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



### Efficiency vs. sim PV z



fake+duplicates vs Sim. PV z

