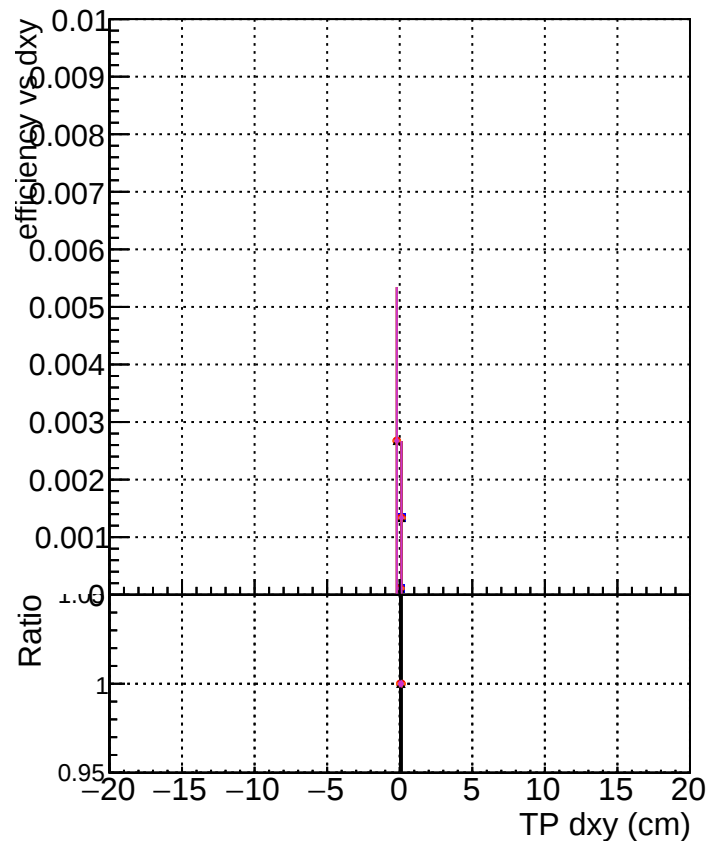
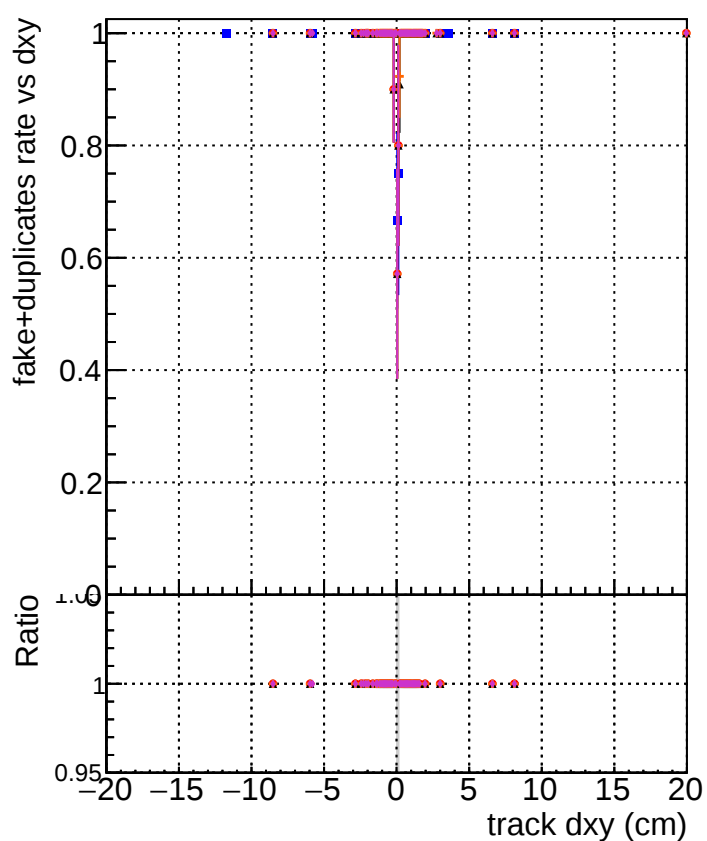


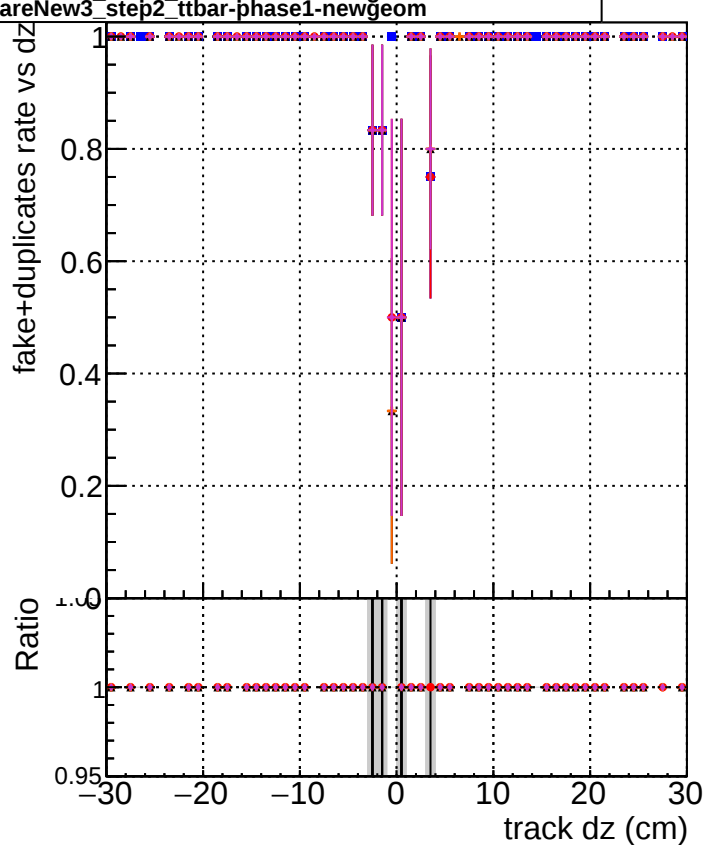
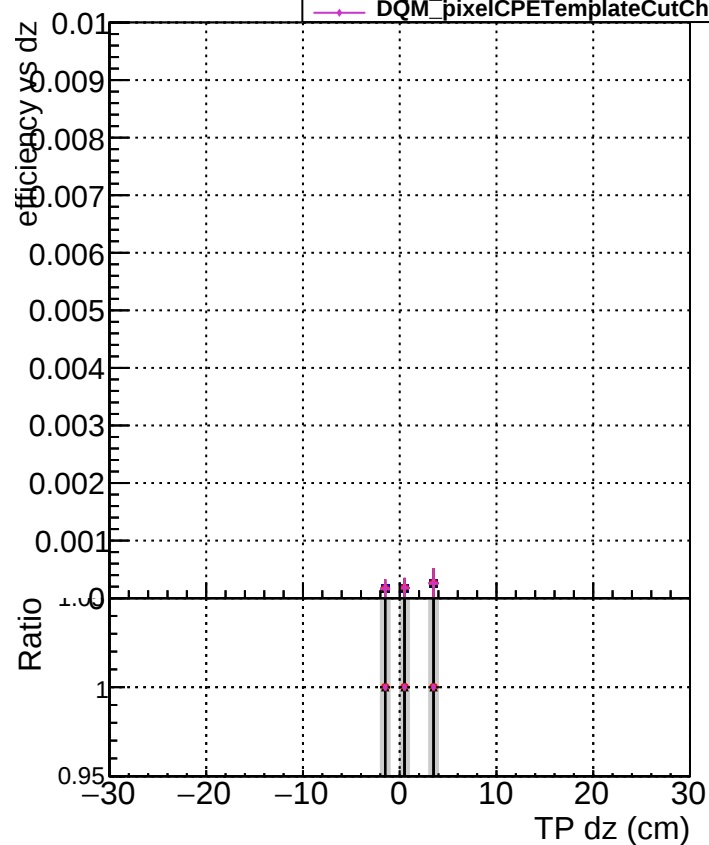
**Efficiency vs Dxy**



**fake+duplicates vs dxy**



**Efficiency vs Dz**



DOM original step2 ttbar-phase1-newgeom  
 DOM pixelCPETemplate step2 ttbar-phase1-newgeom  
 DOM pixelCPETemplateCutChiSquareNew step2 ttbar-phase1-newgeom  
 DOM pixelCPETemplateCutChiSquareNew2 step2 ttbar-phase1-newgeom  
 DOM pixelCPETemplateCutChiSquareNew3 step2 ttbar-phase1-newgeom