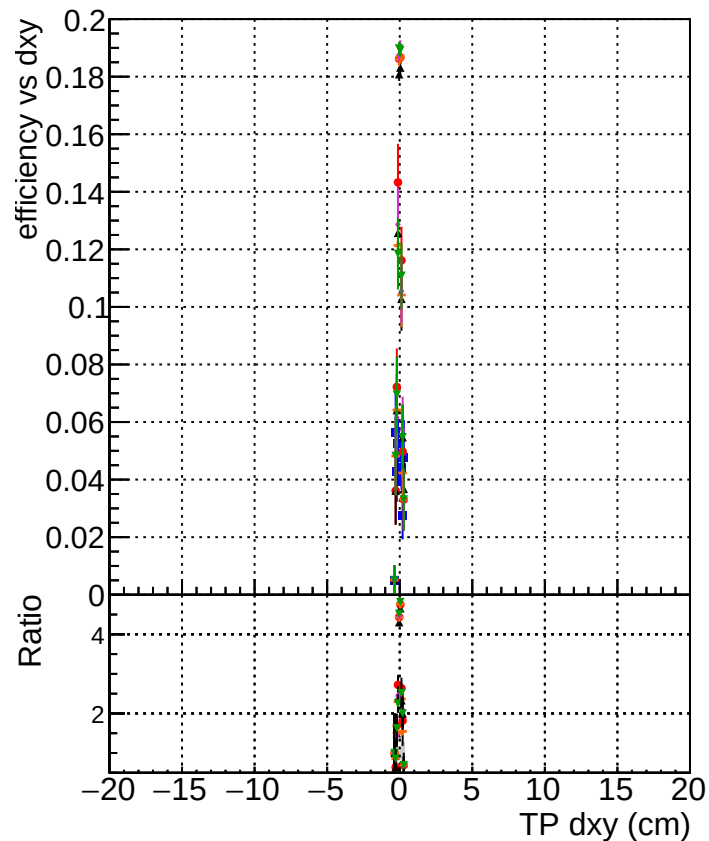
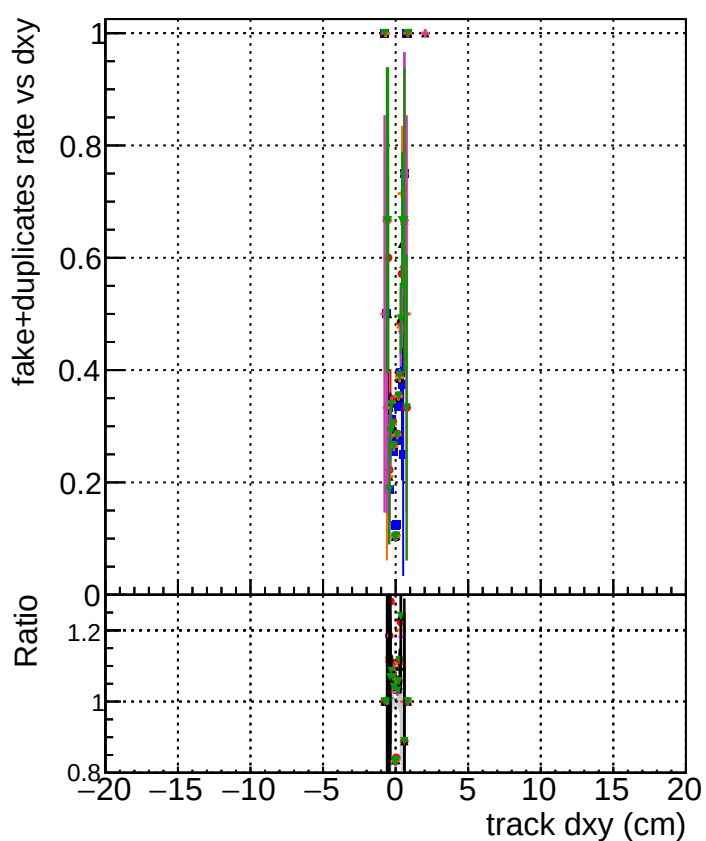


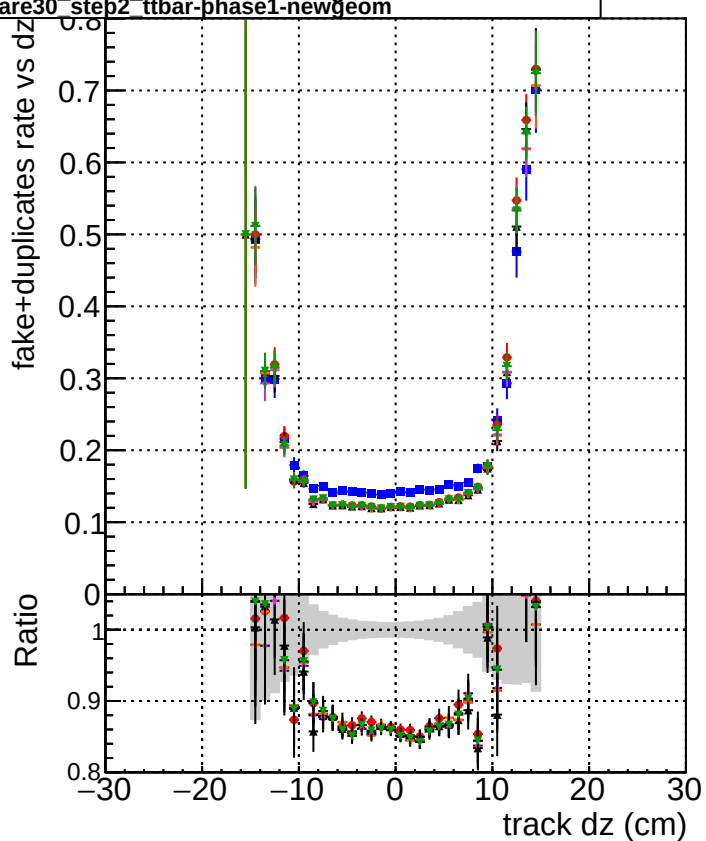
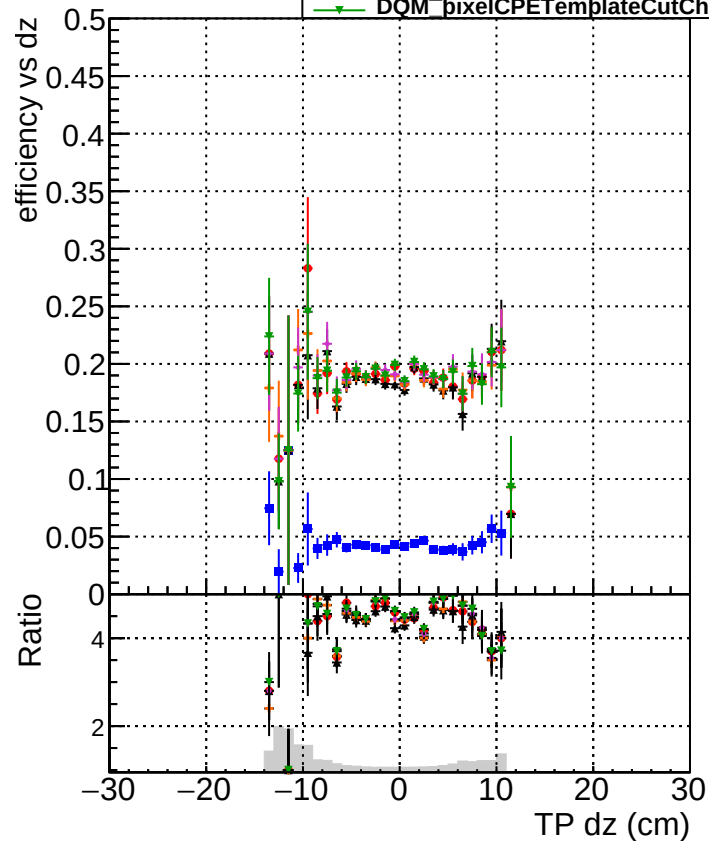
**Efficiency vs Dxy**



**fake+duplicates vs dxy**



**Efficiency vs Dz**



DOM original step2 ttbar-phase1-newgeom  
 DOM pixelCPE template step2 ttbar-phase1-newgeom  
 DOM pixelCPE templateCutChiSquare10 step2 ttbar-phase1-newgeom  
 DOM pixelCPE templateCutChiSquare15 step2 ttbar-phase1-newgeom  
 DOM pixelCPE templateCutChiSquare20 step2 ttbar-phase1-newgeom  
 DOM pixelCPE templateCutChiSquare30 step2 ttbar-phase1-newgeom