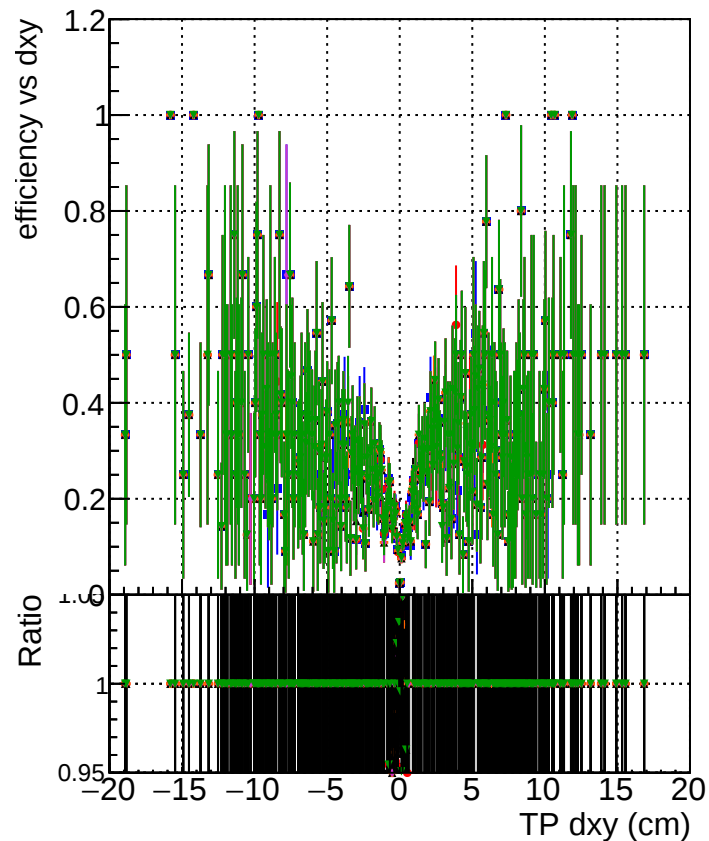
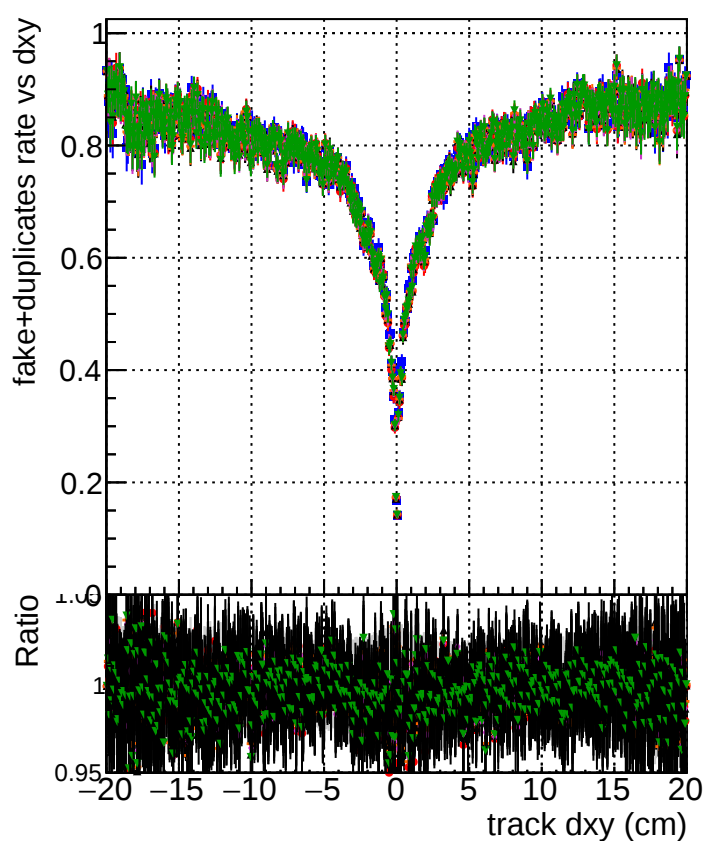


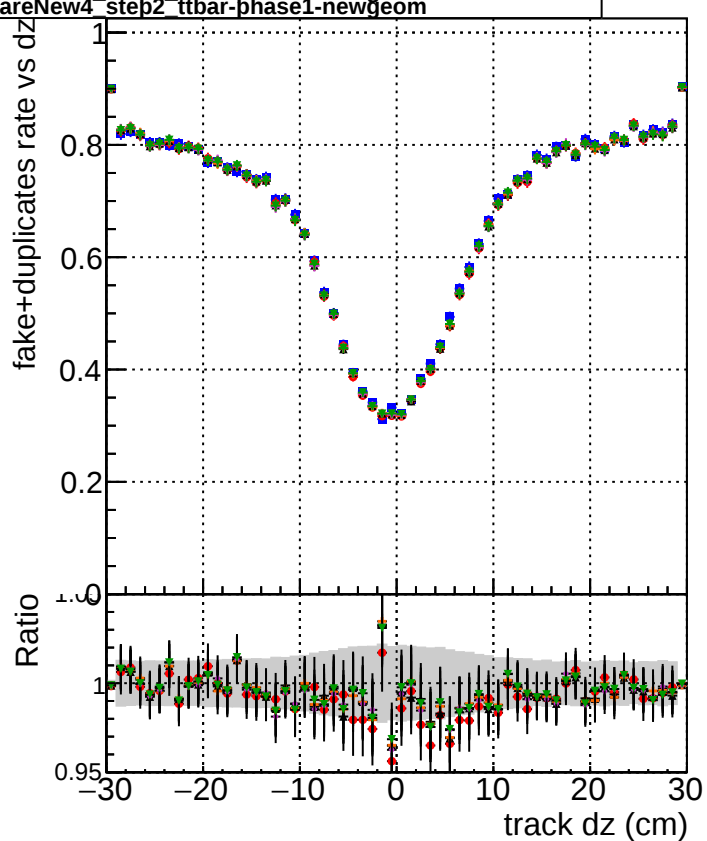
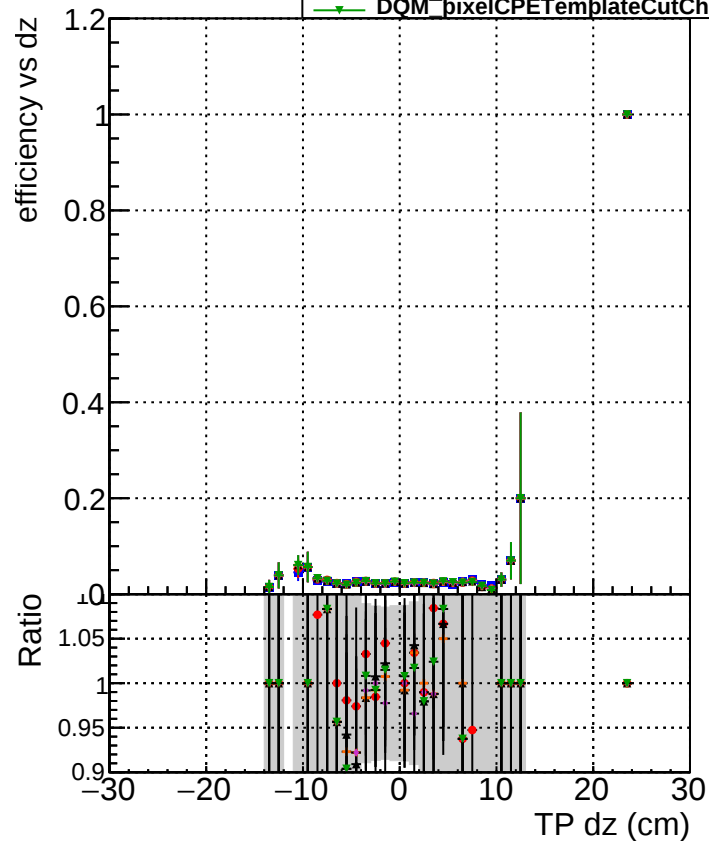
**Efficiency vs Dxy**



**fake+duplicates vs dxy**



**Efficiency vs Dz**



DOM original step2 ttbar-phase1-newgeom  
 DOM pixelCPE template step2 ttbar-phase1-newgeom  
 DOM pixelCPE templateCutChiSquareNew step2 ttbar-phase1-newgeom  
 DOM pixelCPE templateCutChiSquareNew2 step2 ttbar-phase1-newgeom  
 DOM pixelCPE templateCutChiSquareNew3 step2 ttbar-phase1-newgeom  
 DOM pixelCPE templateCutChiSquareNew4 step2 ttbar-phase1-newgeom