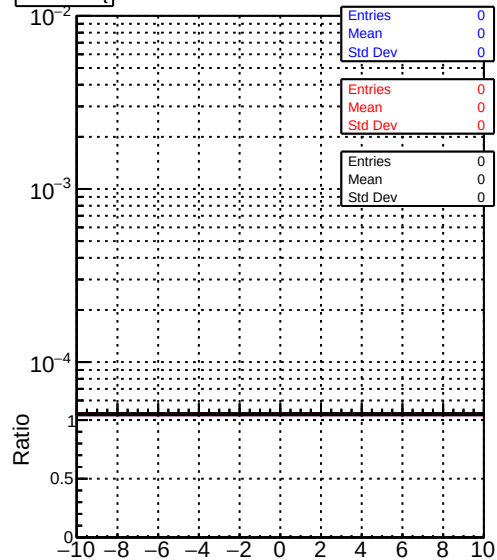
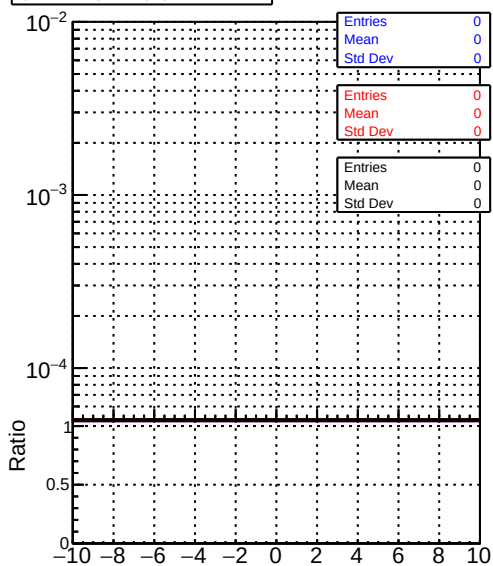
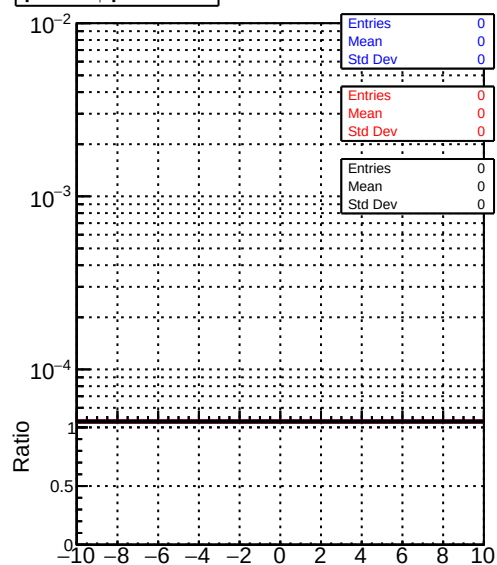
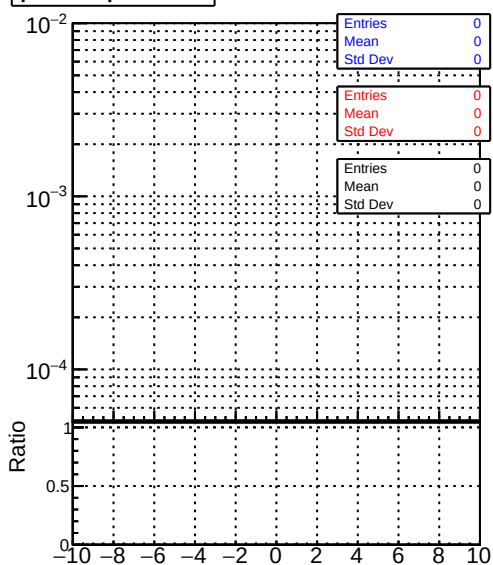


pull of p_t 

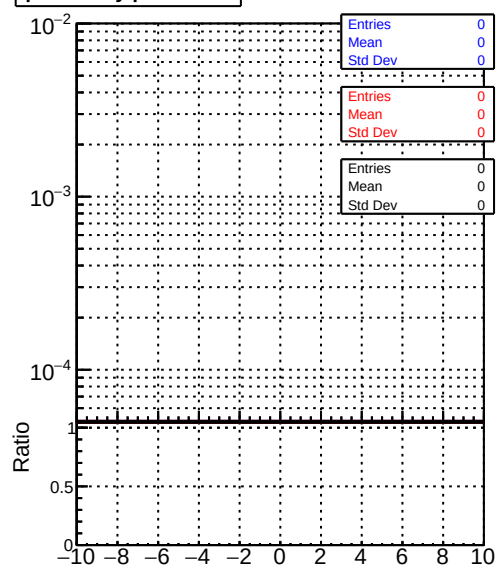
pull of qoverp parameter



DOM original step2 ttbar-phase1-newgeom
 DOM pixelCPE template step2 ttbar-phase1-newgeom
 DOM pixelCPE template cutchisquare new5 step2 ttbar-phase1-newgeom

pull of ϕ parameterpull of θ parameter

pull of dxy parameter



pull of dz parameter

