SE Resolution (Distance between Sim. & Recon. Vertex) Normalized **CMS Simulation** √s = 14 TeV Count 80 TTbar no blocks 70 60 50 40 30 20 -0.8 -0.6-0.4 -0.20.2 0.4 0.6 8.0 Distance between Sim. & Recon. Vertex Normalized