SE Resolution (Distance between Sim. & Recon. Vertex) Normalized **CMS Simulation** √s = 14 TeV Count 90 80 TTbar no blocks 70 60 50 40 30 -0.8 -0.6-0.4-0.20.2 0.4 0.6 8.0 Distance between Sim. & Recon. Vertex Normalized