Z0 and d0 Significance Templates of PbPb pT_trk > 1.5 GeV z0 significance 0.45 Overlay 50 % to 80 % 0.4 Track Grade: Split hits in both IBL and b-layer 10^{-1} pT_trk > 1.5 GeV; pT **(>** ; 0.35 **Light Jet Light Jet** 10^{-2} 0.3 0.25 10^{-3} 0.2 0.15 10^{-4} 0.1 0.05 10⁻⁵. -80 -20 20 80 100 -60 40 60 -100 -40 pT_jet > 50 GeV