Z0 and d0 Significance Templates of PbPb pT_trk > 0.5 GeV z0 significance 0.16 Overlay 20 % to 50 % 0.14 Track Grade: Split hits in both IBL and b-layer 10^{-1} **pT_trk > 0.5 GeV**; **pT** 0.12 **Light Jet Light Jet** 10^{-2} 0.1 0.08 10^{-3} 0.06 0.04 10^{-4} 0.02 10⁻⁵. -80 -20 20 80 100 -60 40 60 -100 pT_jet > 100 GeV