Z0 and d0 Significance Templates of PbPb pT_trk > 0.5 GeV z0 significance 0.04 Overlay 20 % to 50 % 0.03 10^{-1} Track Grade: Shared hit in both IBL and b-layer **pT_trk > 0.5 GeV**; **pT** 0.03 **Light Jet Light Jet** 10^{-2} 0.02 0.02 10^{-3} 0.01 0.01 10^{-4} 0.00 10⁻⁵. -80 -20 20 80 100 -60 40 60 -100 pT_jet > 100 GeV