Z0 and d0 Significance Templates of PbPb pT\_trk > 1.5 GeV z0 significance 0.14 Overlay 20 % to 50 % Track Grade: Split hits in both IBL and b-layer  $10^{-1}$ 0.12 **t >** pT\_trk > 1.5 GeV; pT **Light Jet** 0.1 **Light Jet**  $10^{-2}$ 0.08  $10^{-3}$ 0.06 0.04  $10^{-4}$ 0.02 10<sup>-5</sup>. -80 -20 20 80 100 -60 40 60 **-100** pT\_jet > 100 GeV