Z0 and d0 Significance Templates of PbPb pT\_trk > 4.0 GeV z0 significance 0.25 Overlay 50 % to 80 % Track Grade: No hit in b-layer; expected hit in b-layer  $10^{-1}$ **pT\_trk > 4.0 GeV**; **pT Light Jet Light Jet**  $10^{-2}$ 0.15  $10^{-3}$ 0.1  $10^{-4}$ 0.05 10<sup>-5</sup>. -80 -20 20 80 100 -60 40 60 **-100** pT\_jet > 50 GeV