Sources of systematic uncertainties

Signal extraction (background) Signal extraction (signal) Signal extraction (fit range) Selection efficiency $T_{\rm AA}$ MC $p_{\rm T}$ shape $A\epsilon_{\rm reco}$ Tracking efficiency **Prompt fraction Branching fraction** Integrated luminosity Minimum bias selection efficiency Centrality calibration

PbPb pp 1-20% <34%< 7%<6% 2–26% 1-24%<6% 5-20% 2-5%<2% < 4%8-9% 6% 15% 6–16% < 43%5% 2% 1% <12%