

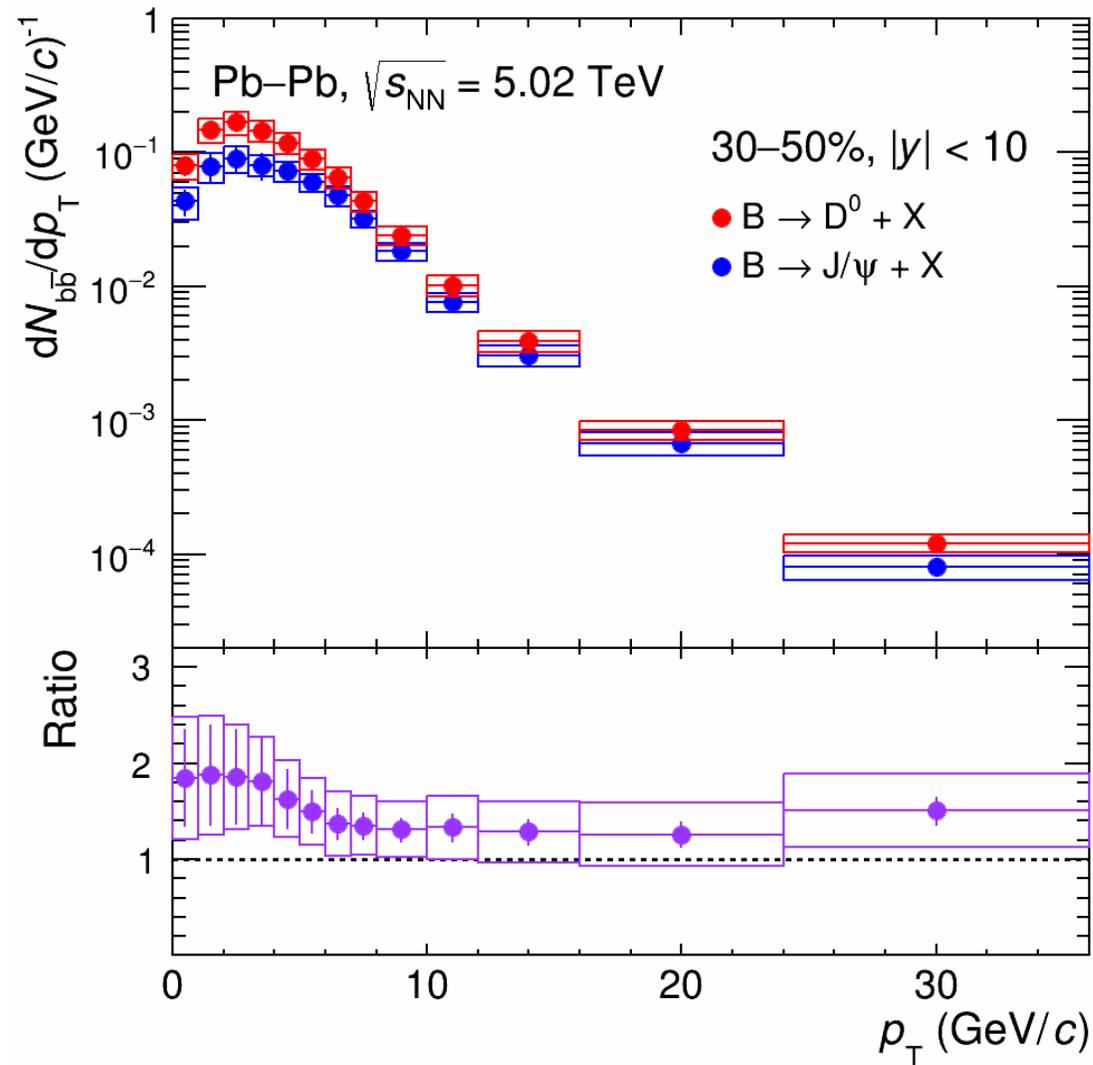
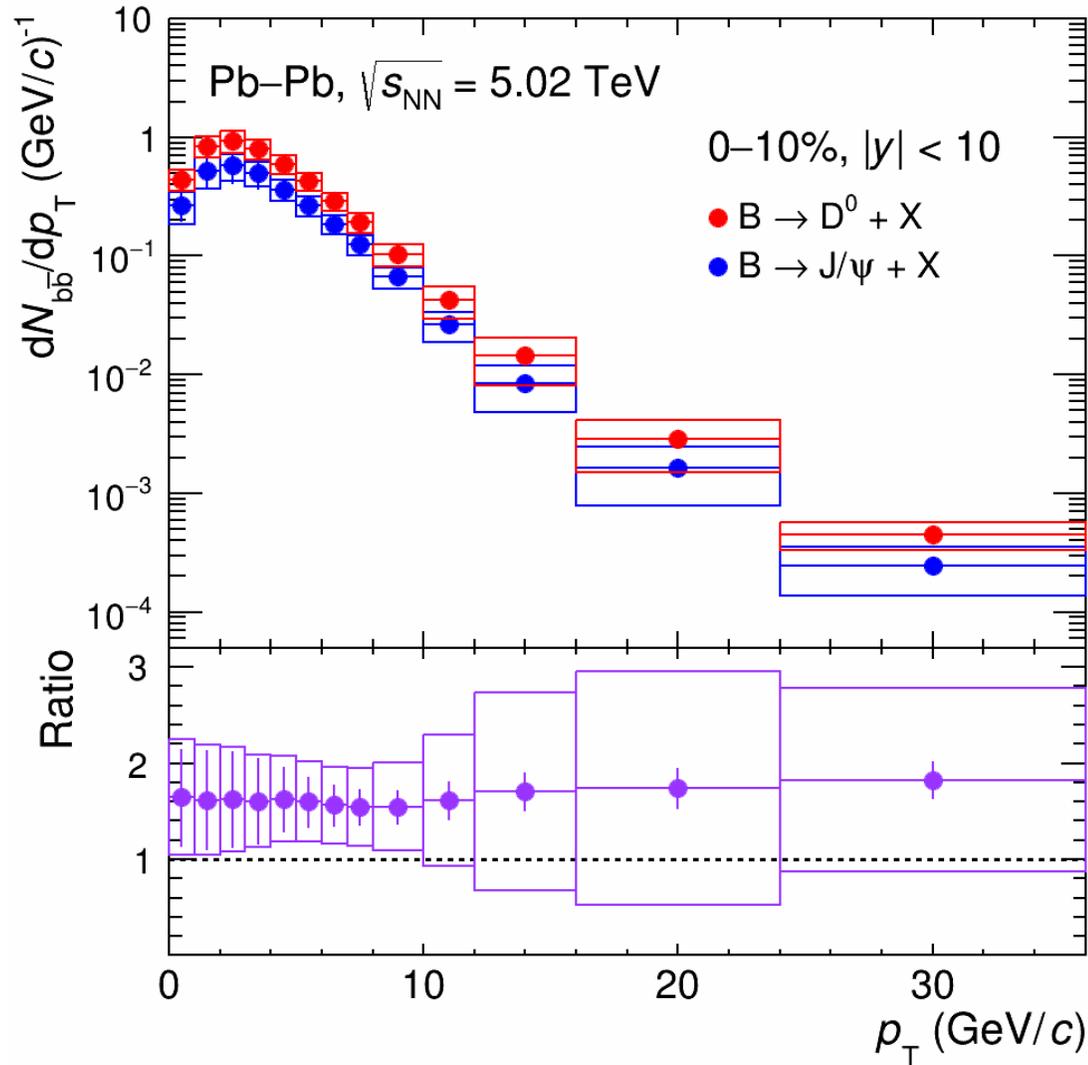
Beauty hardon production in Pb-Pb collisions with Bayesian unfolding

Guangsheng Li

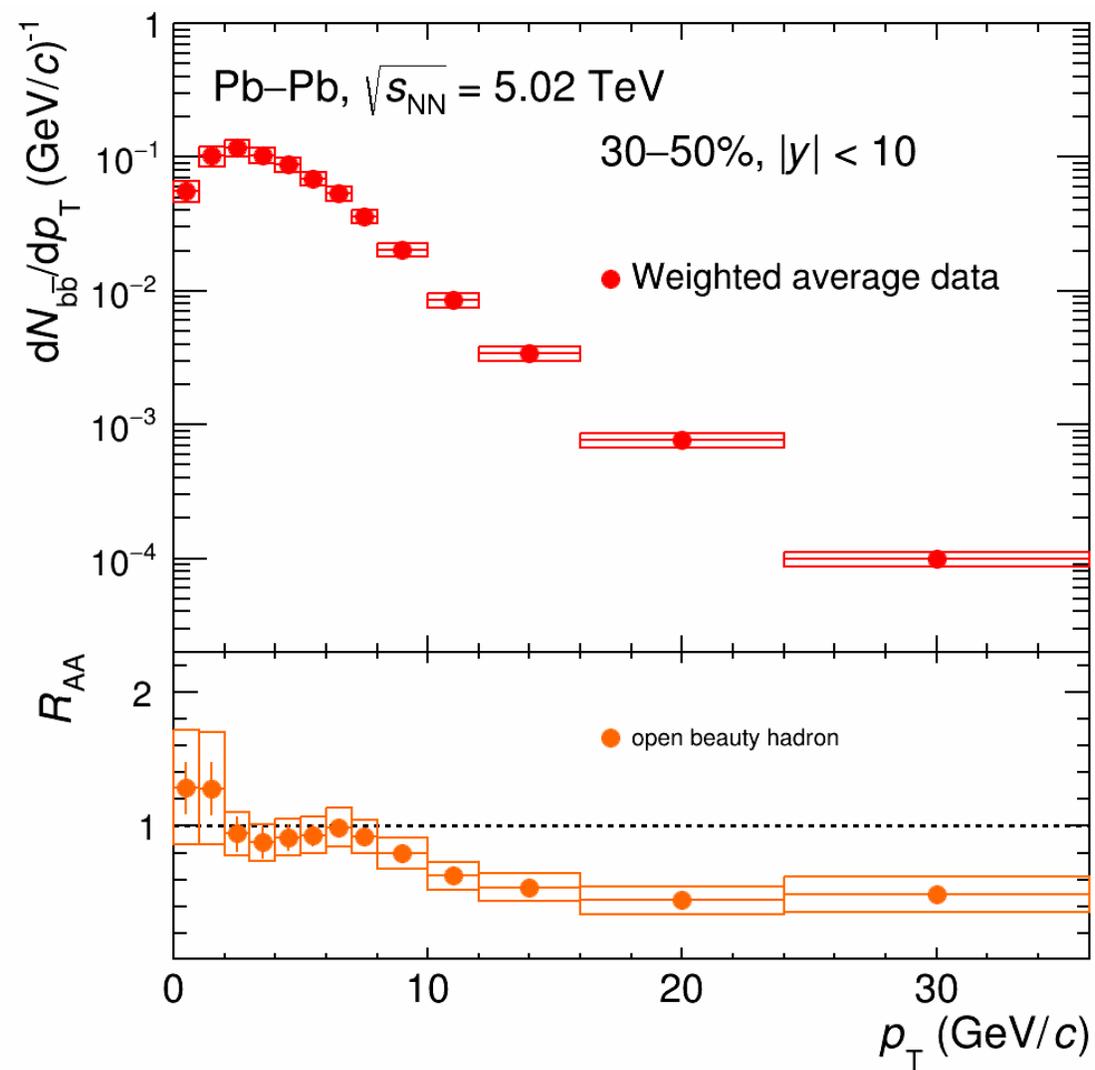
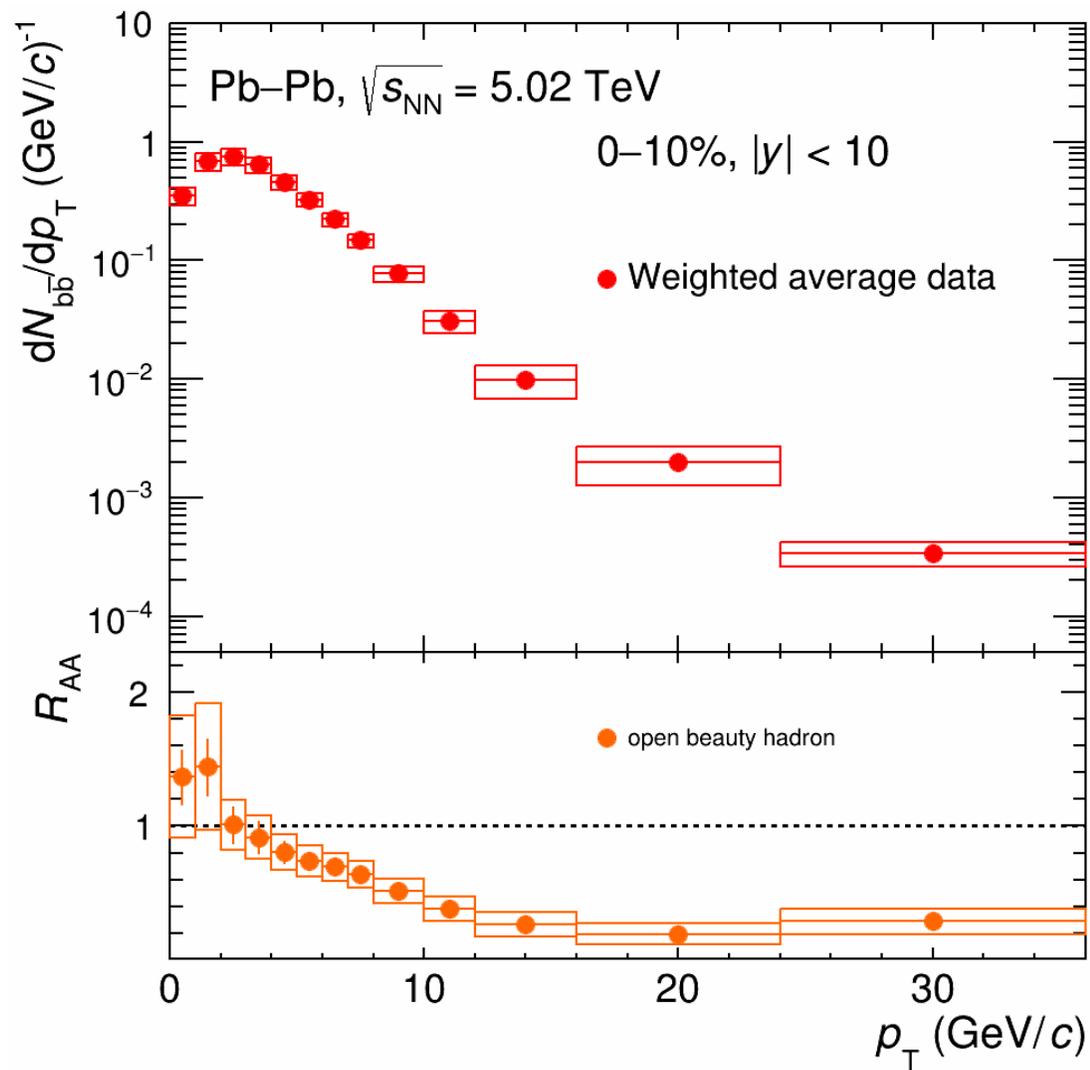
University of Science and Technology of China



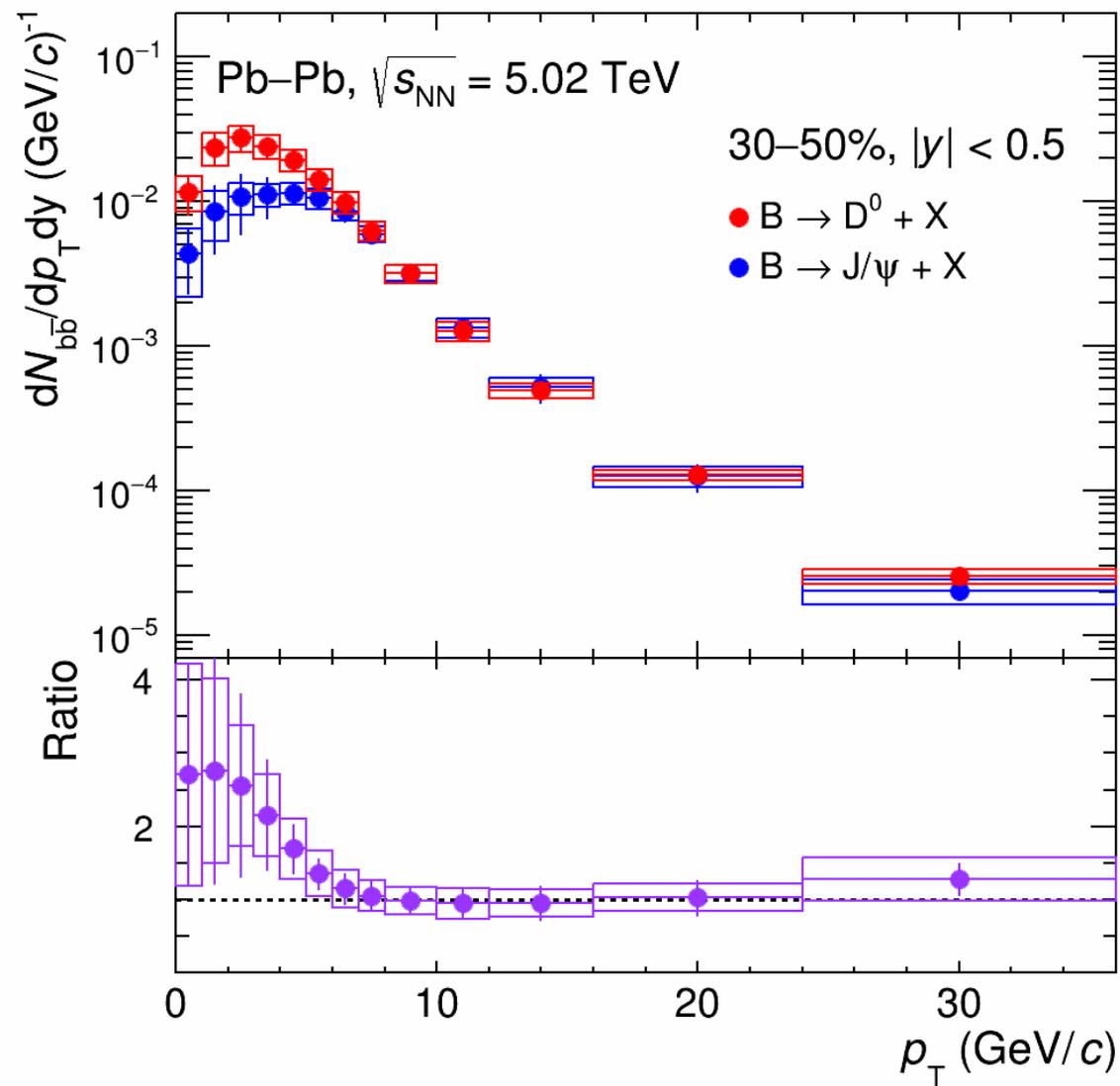
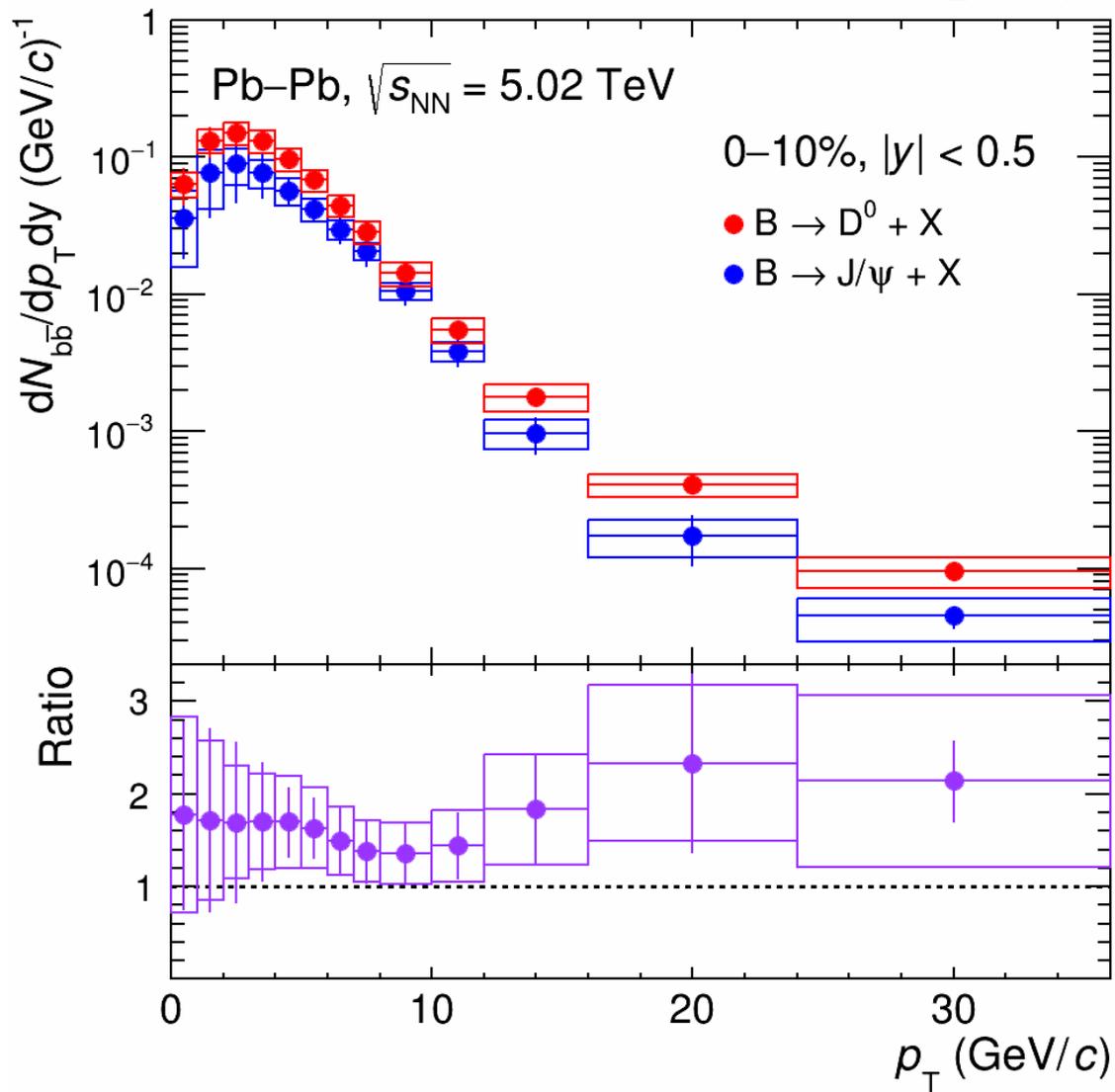
dN/dp_T at $|y| < 10$



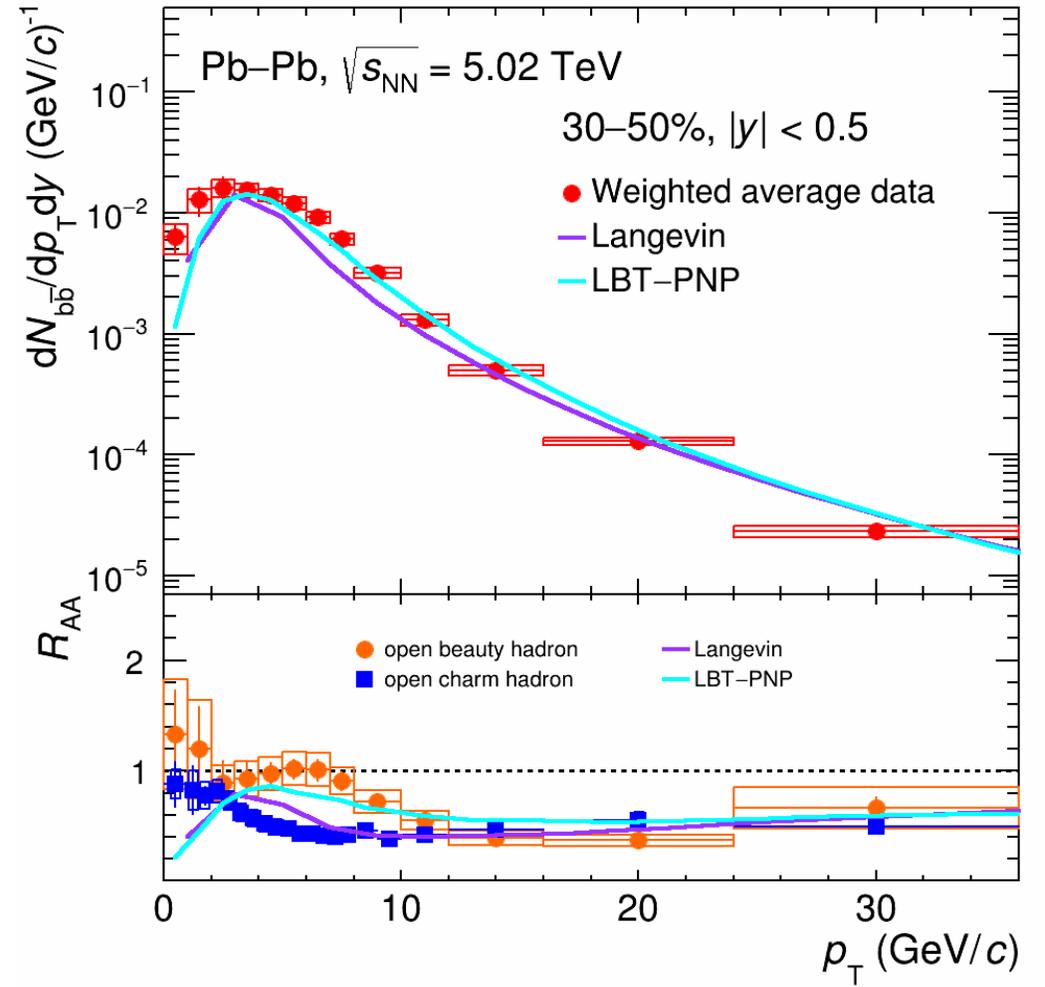
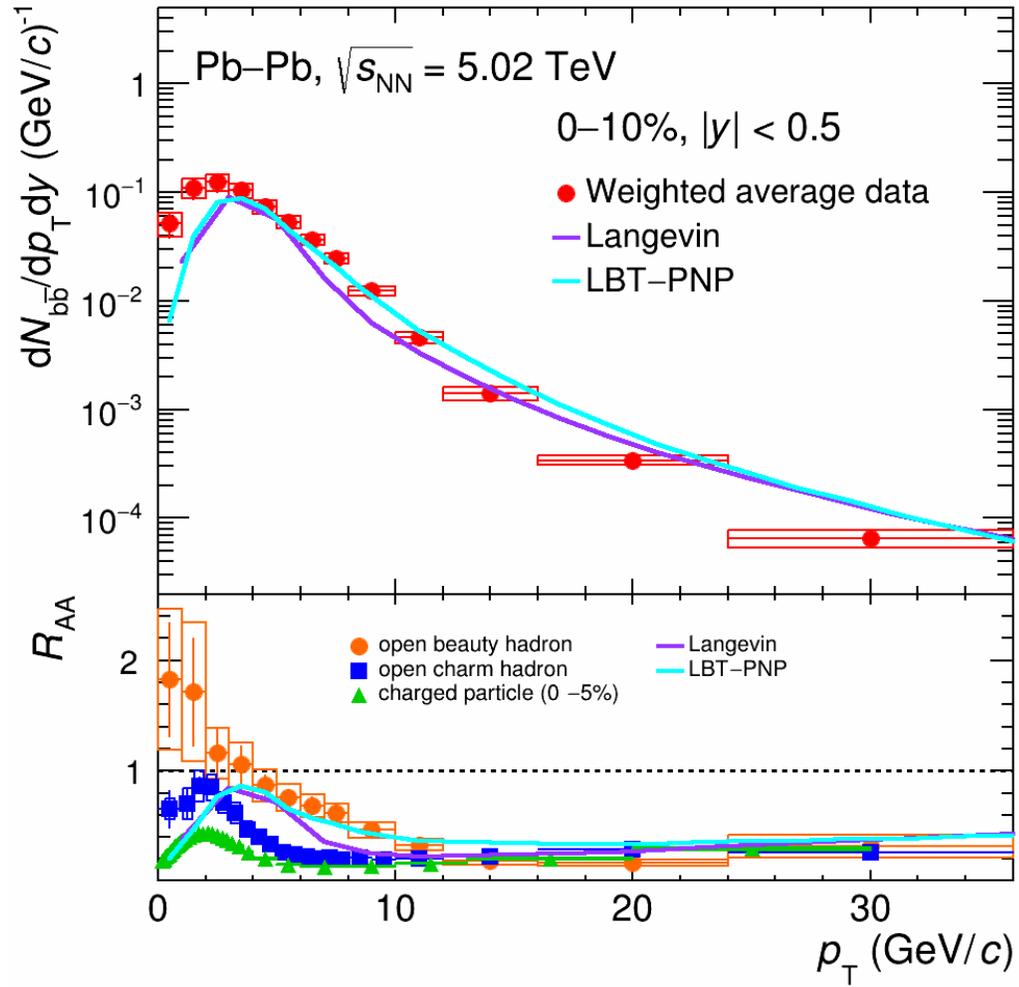
dN/dp_T at $|y| < 10$



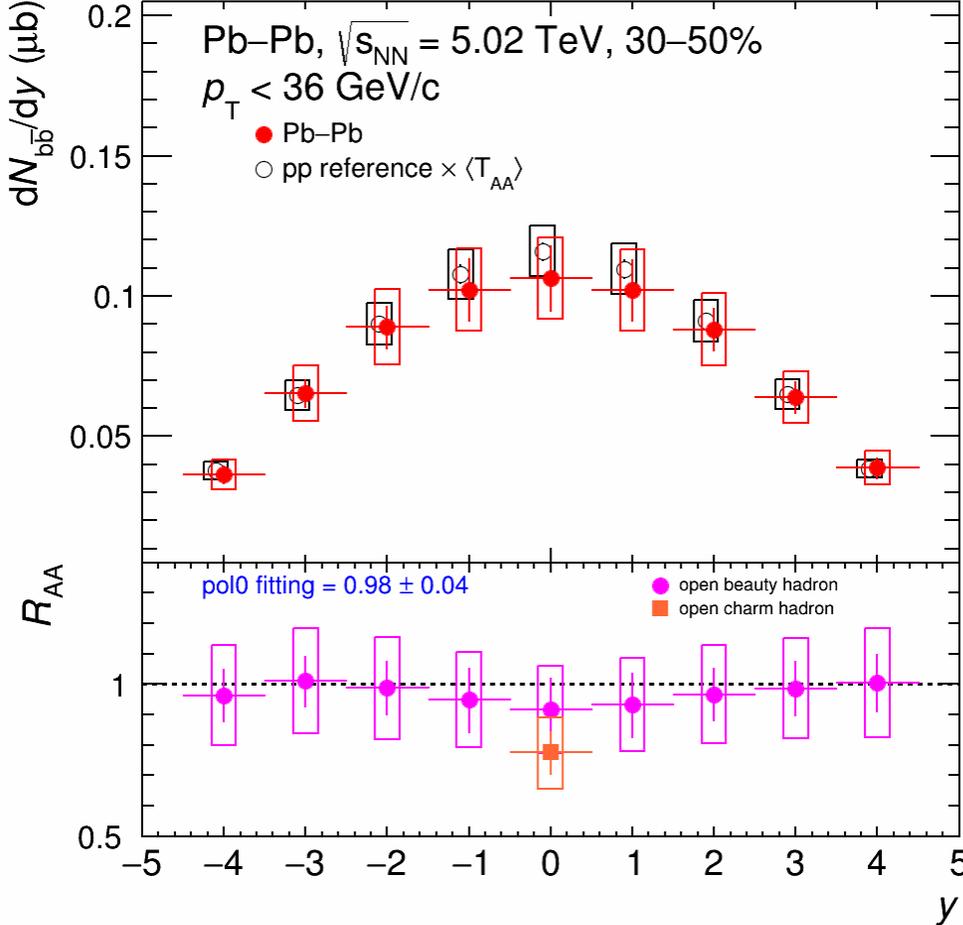
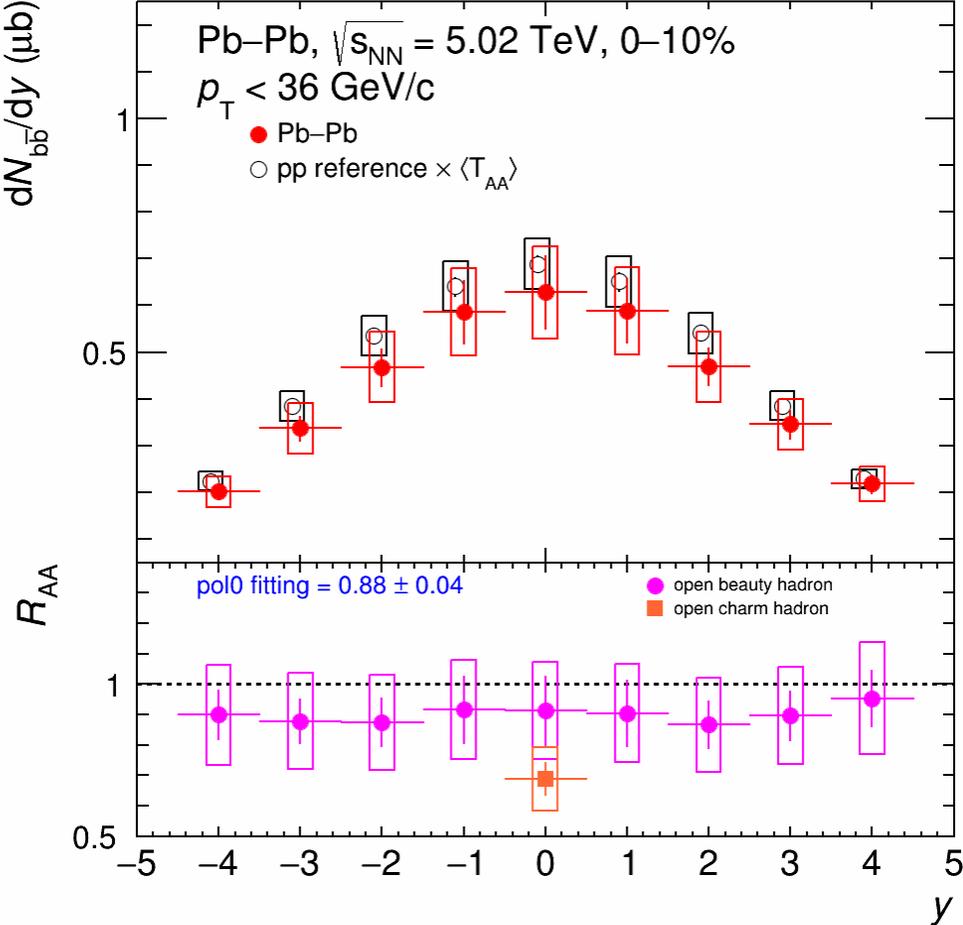
dN/dpTdy at mid-rapidity



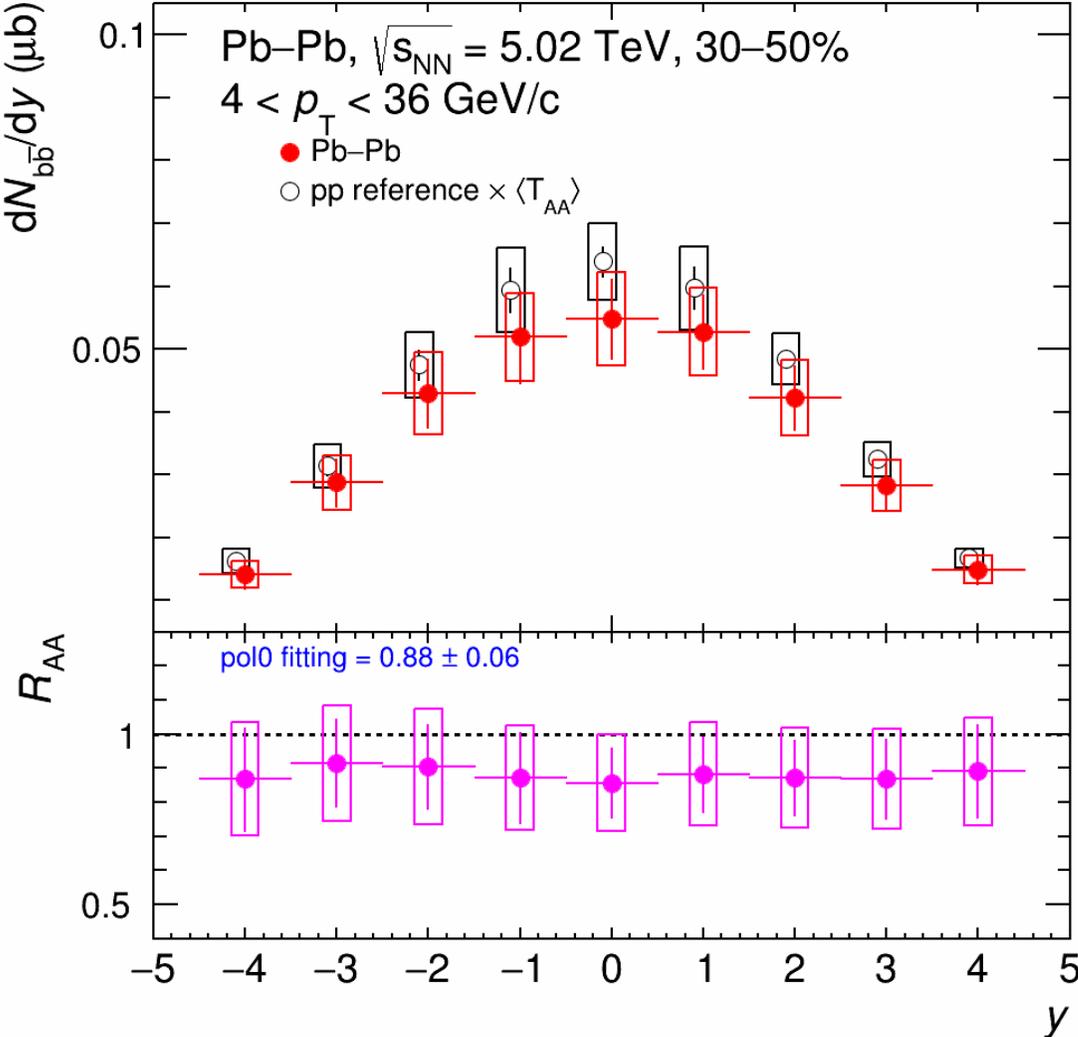
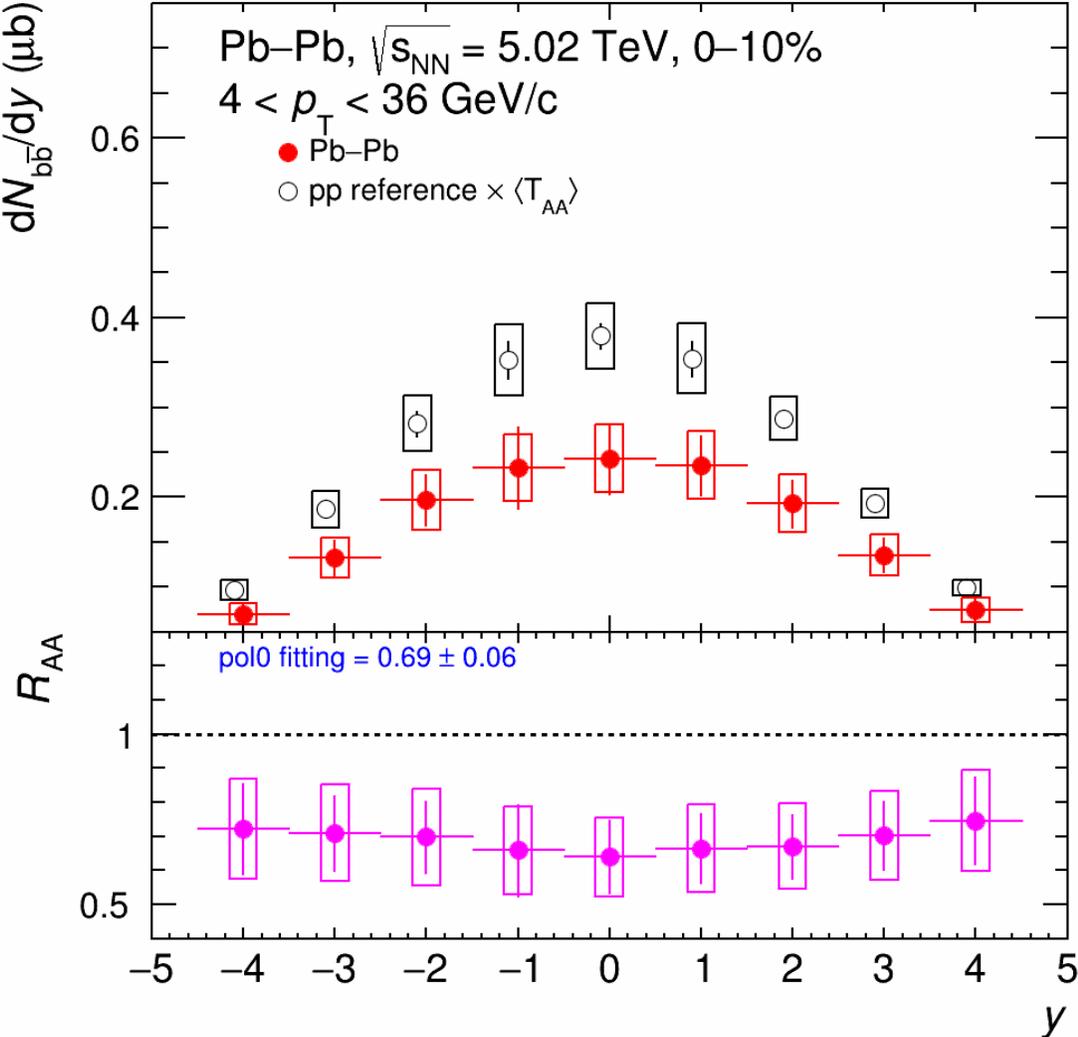
$dN/dp_T dy$ at mid-rapidity



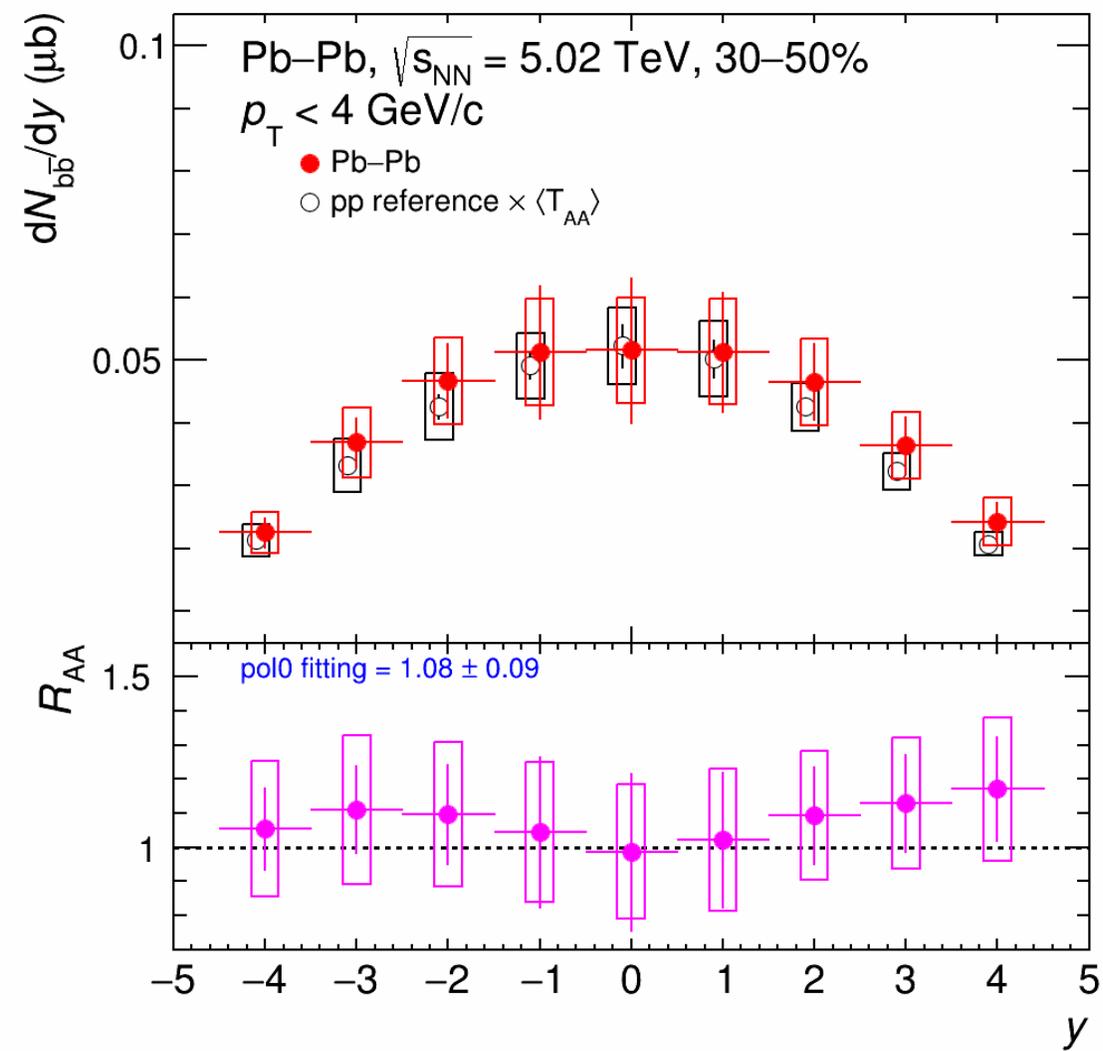
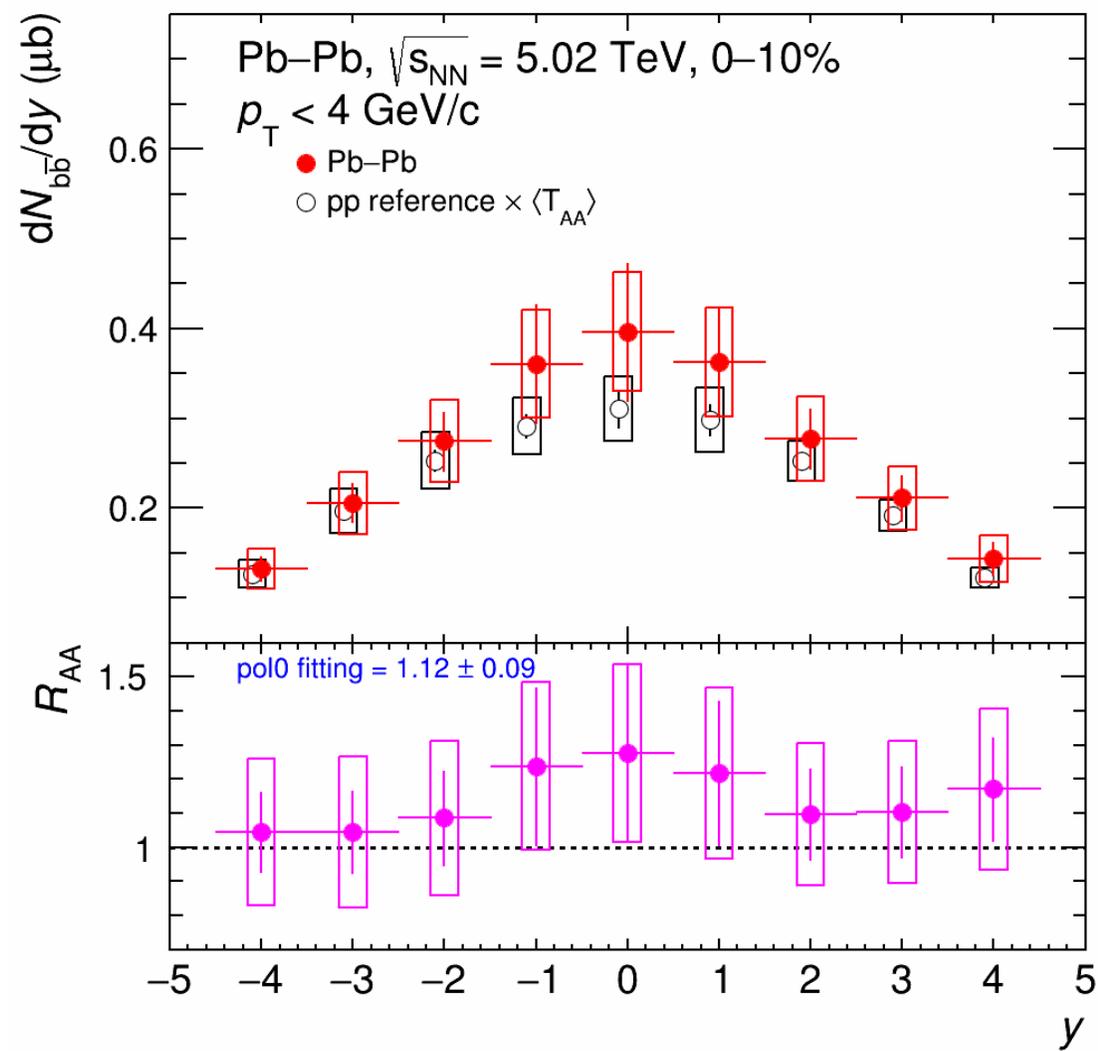
dN/dy



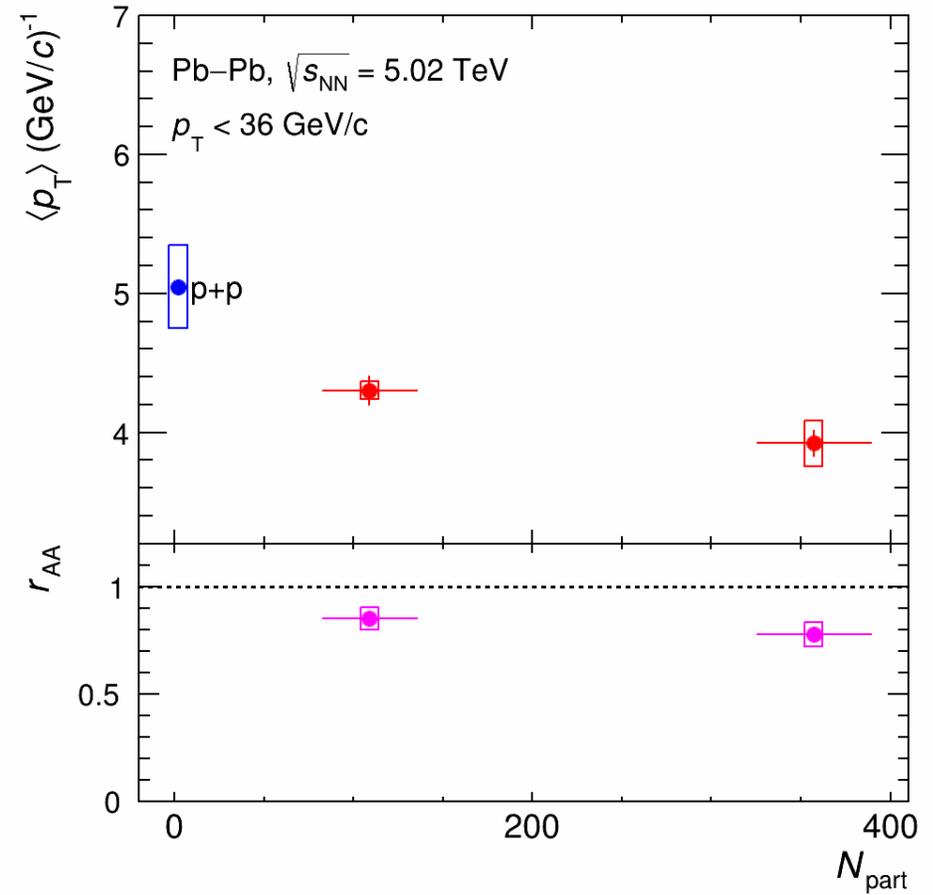
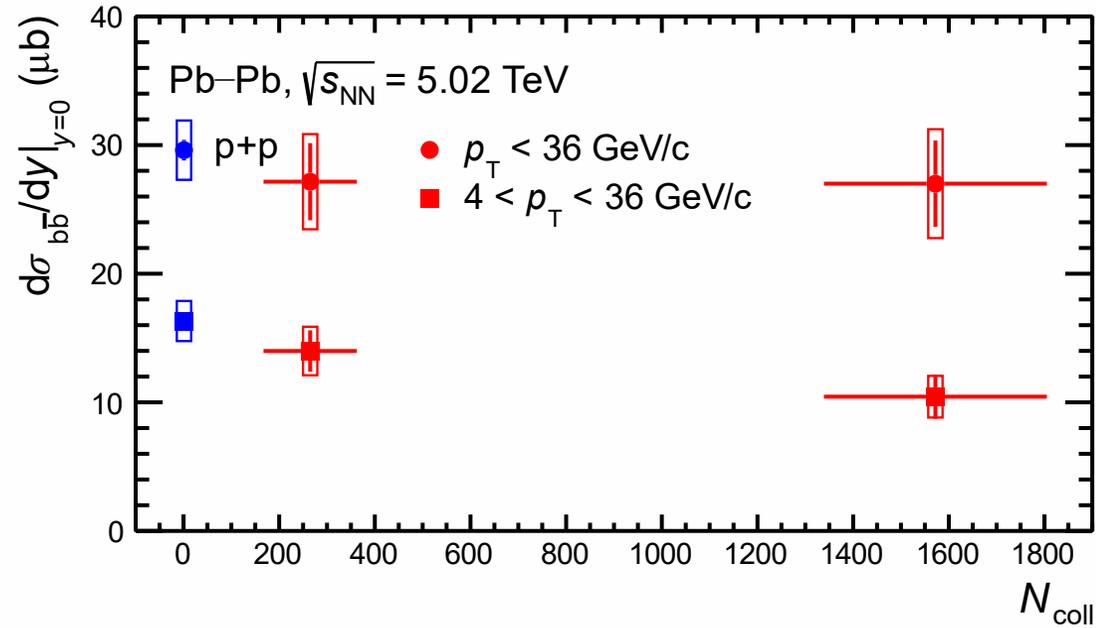
dN/dy at high-pT



dN/dy at low-pT

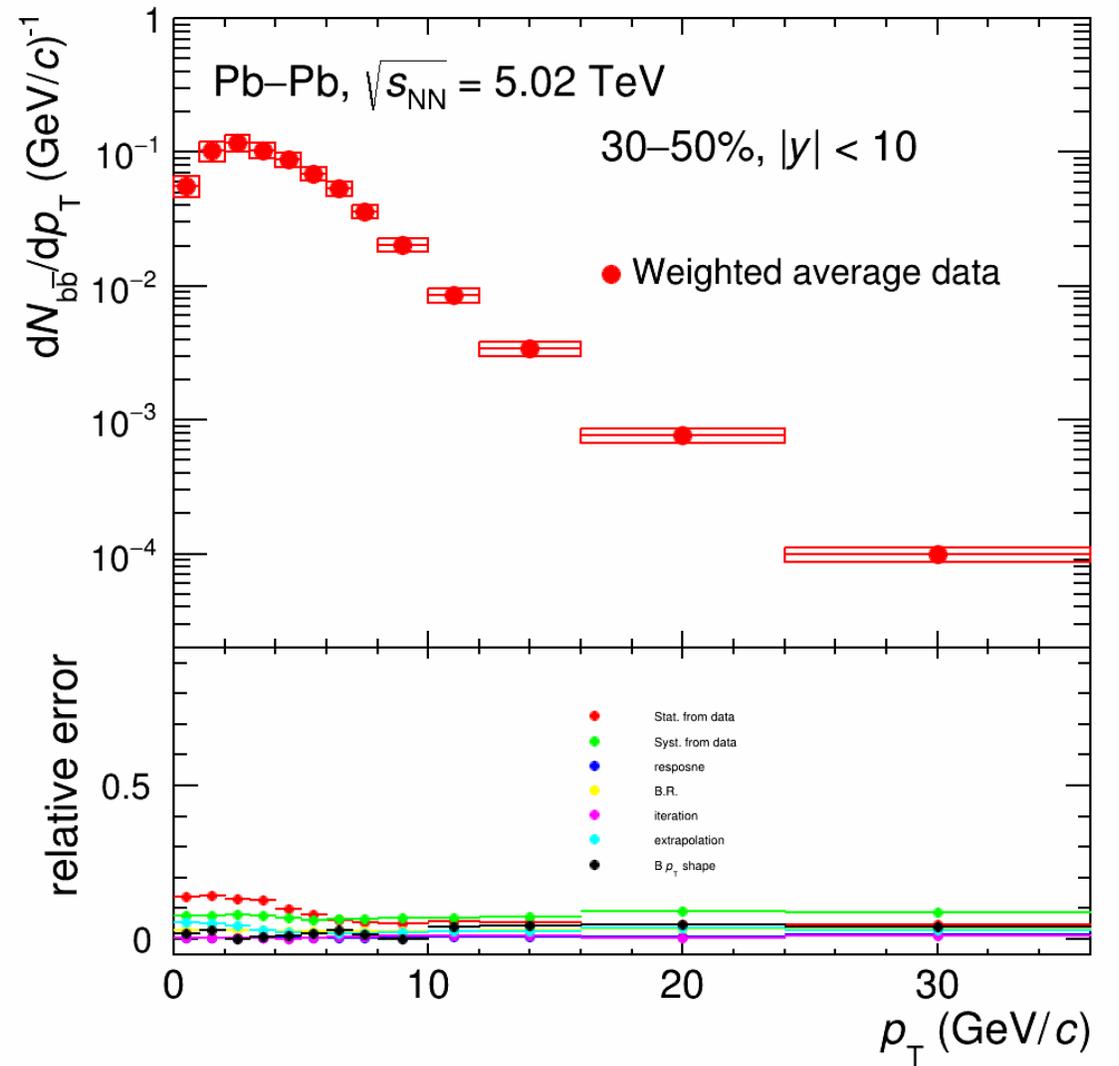
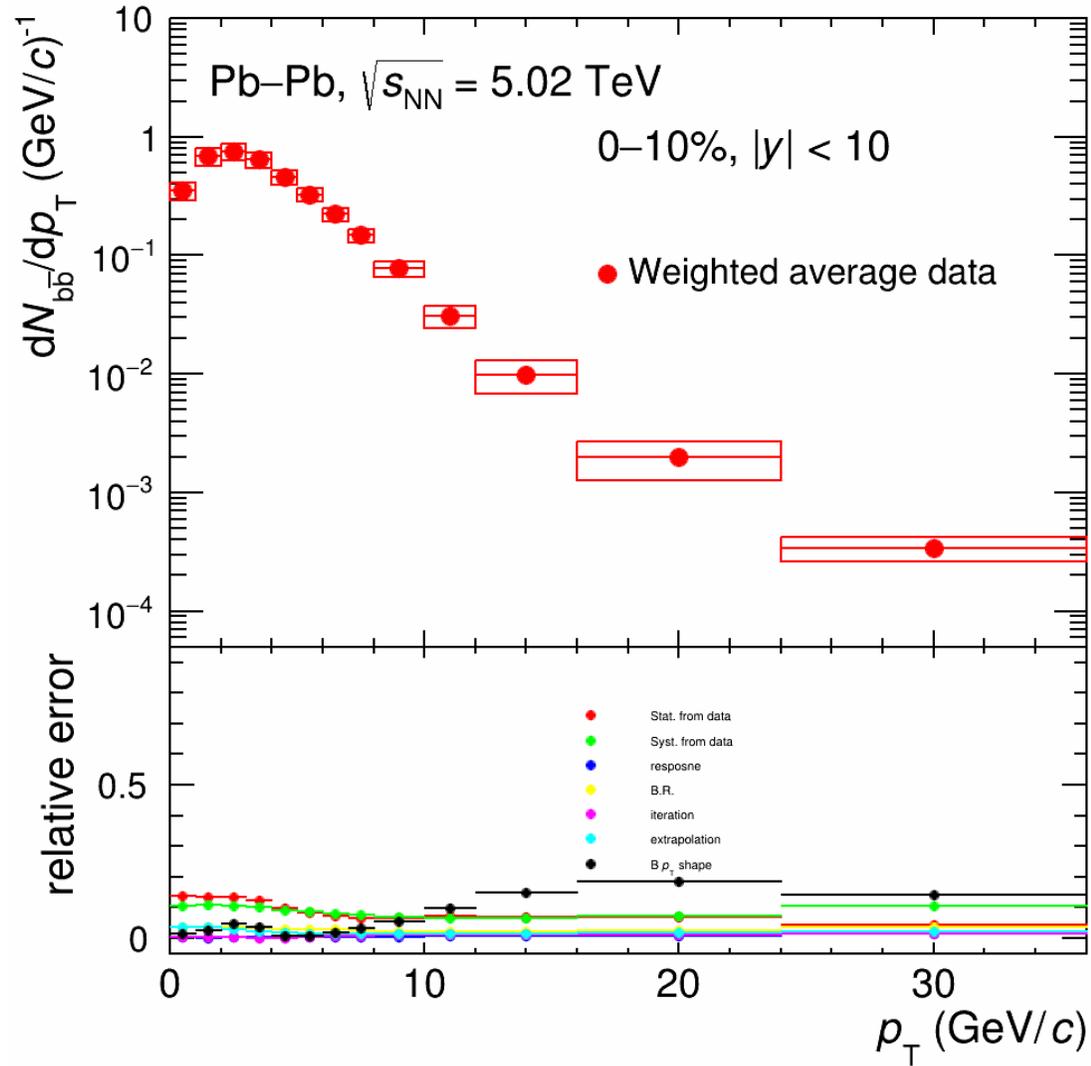


dN/dy vs N_{coll} and mean-p_T vs N_{part}

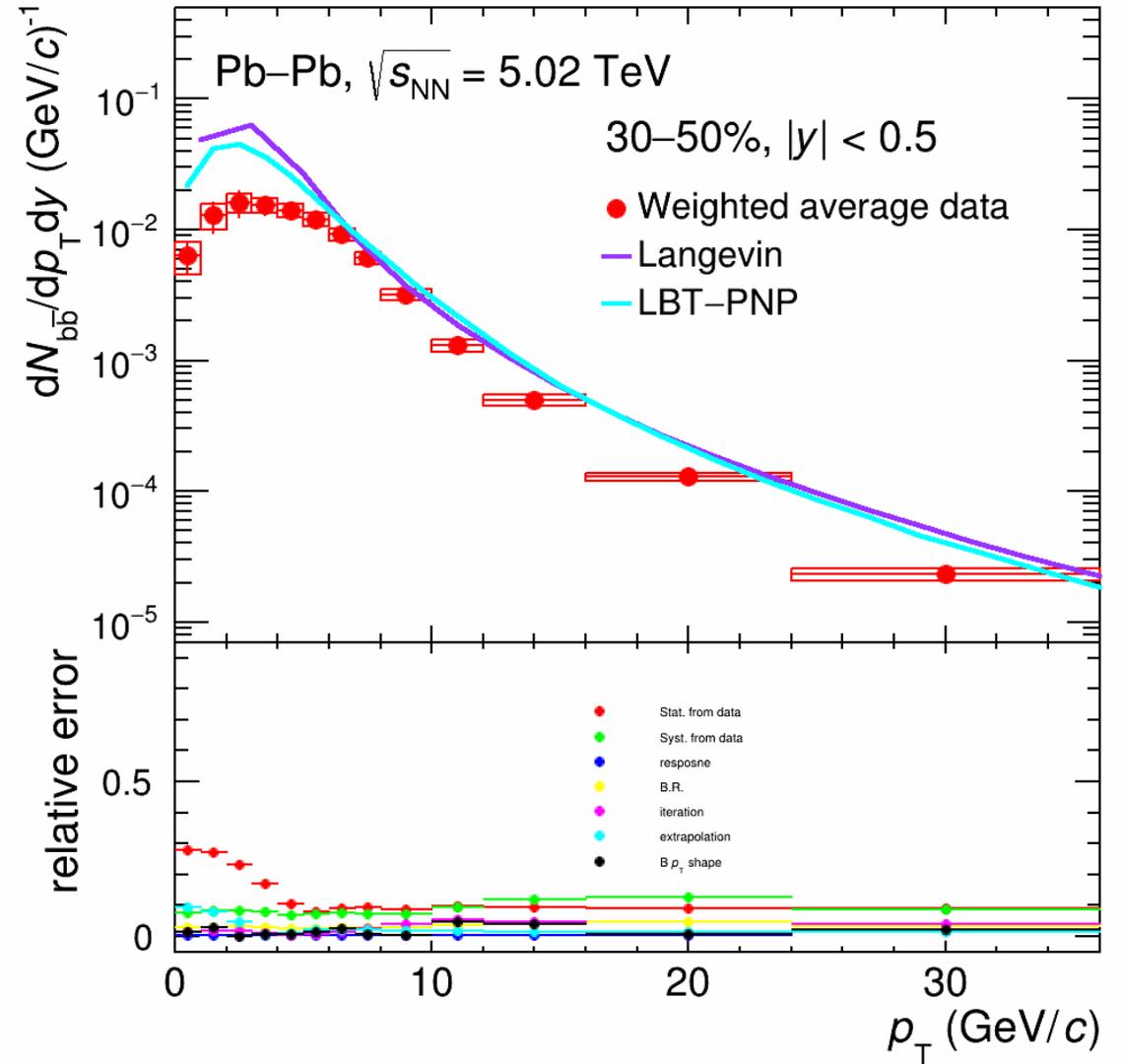
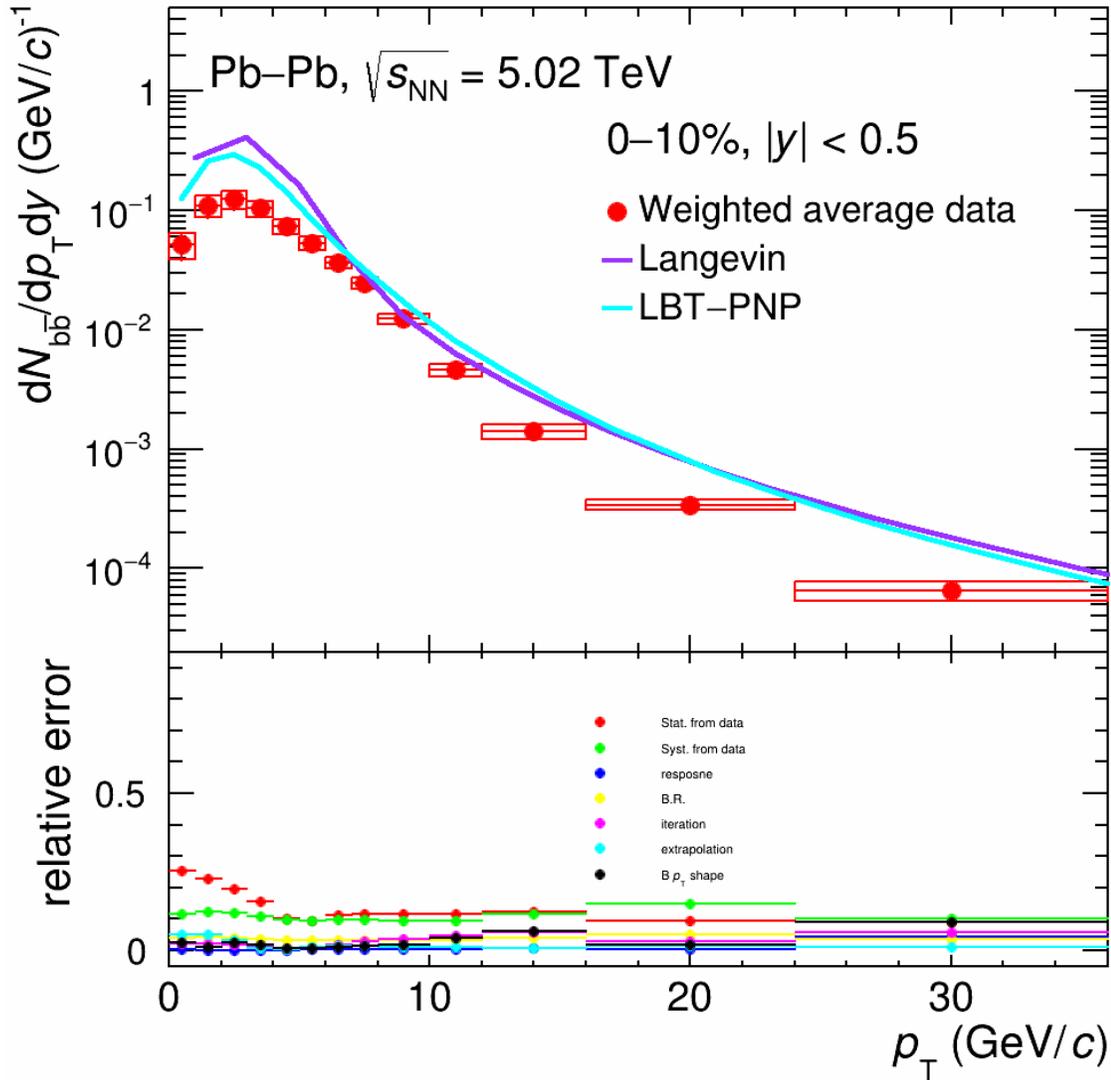


Back Up

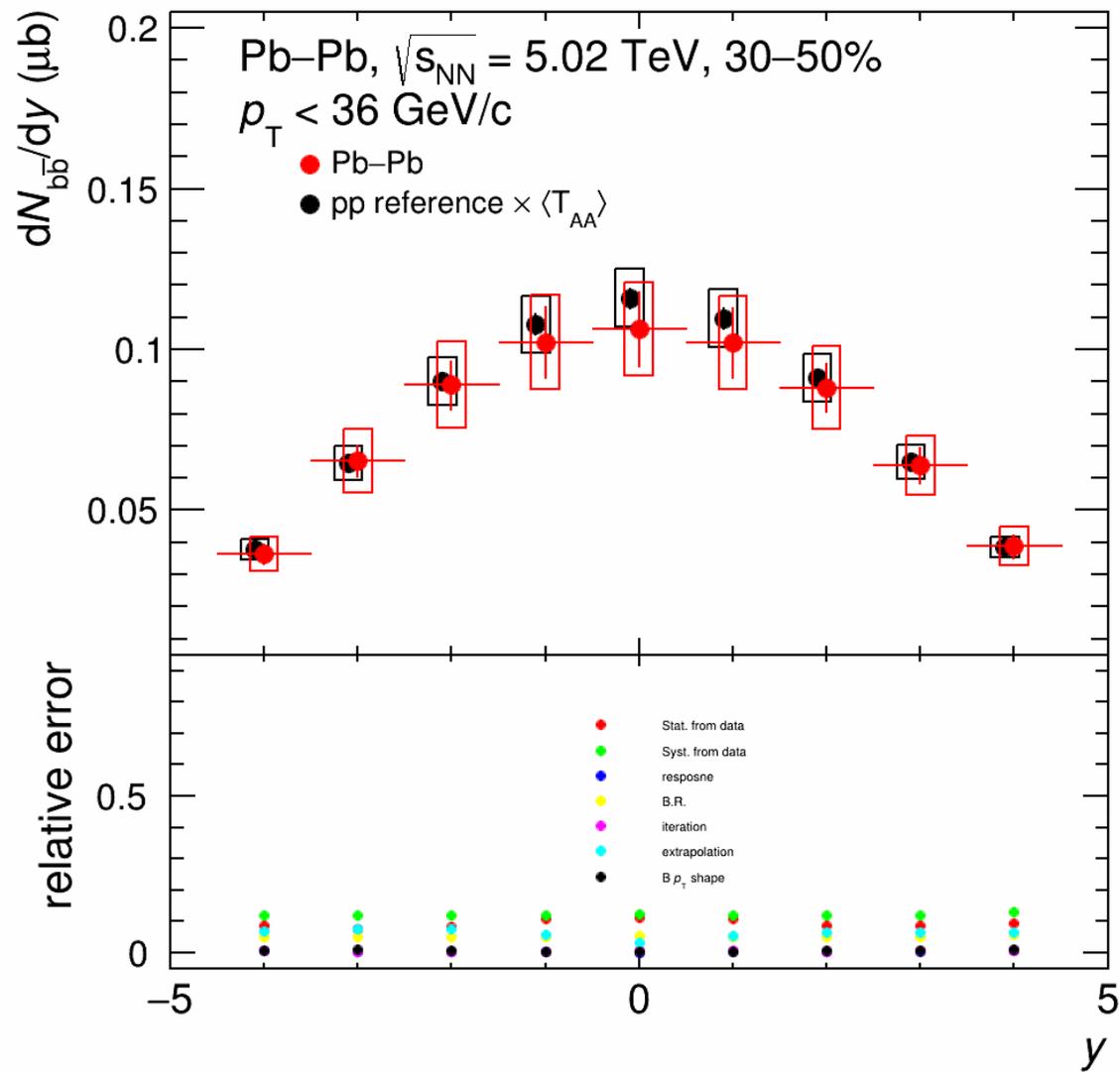
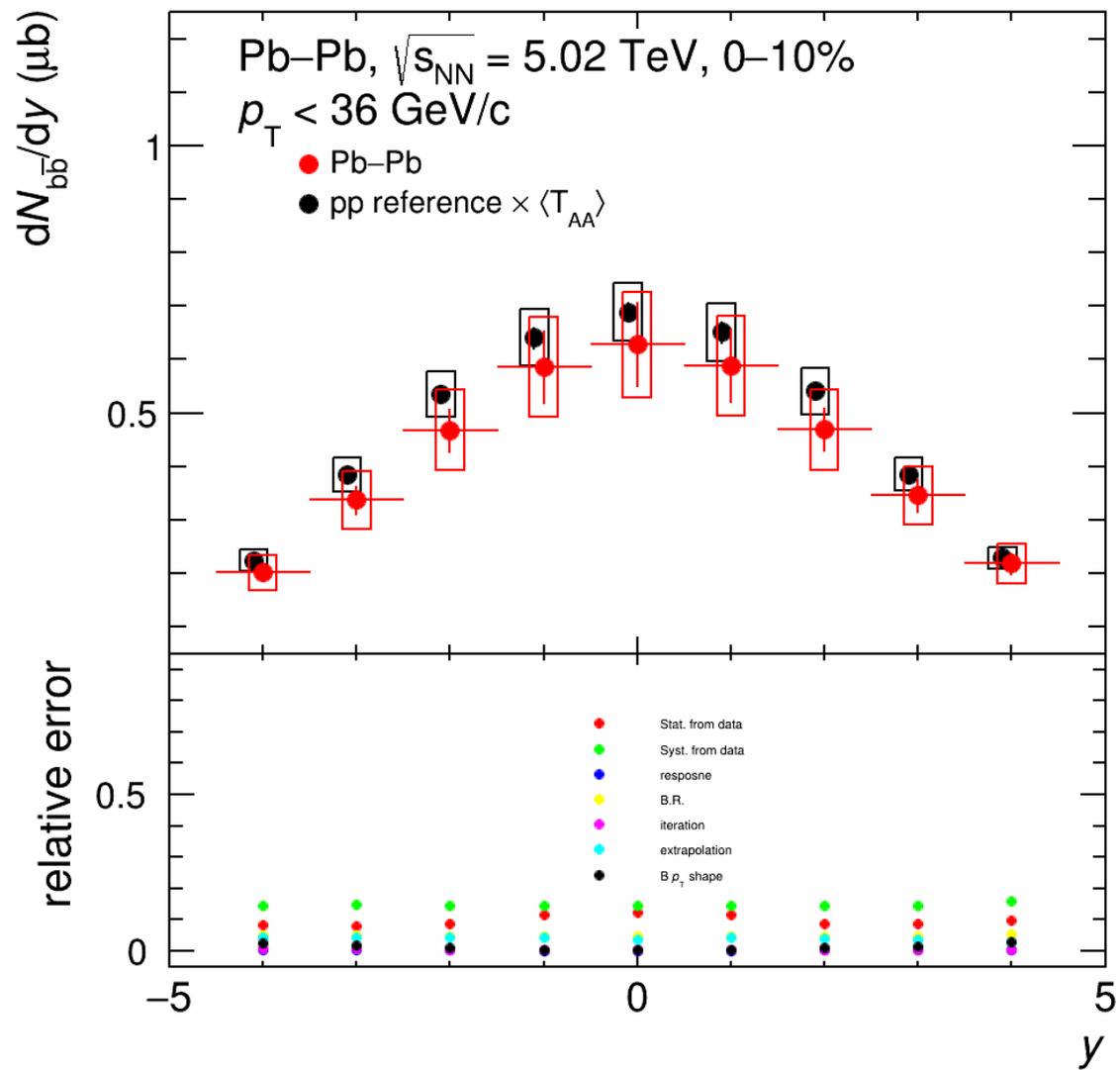
dN/dp_T at $|y| < 10$

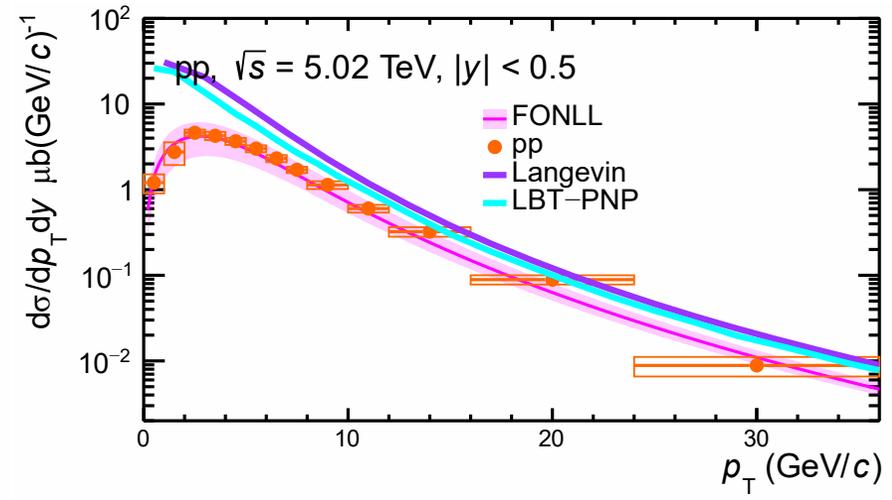
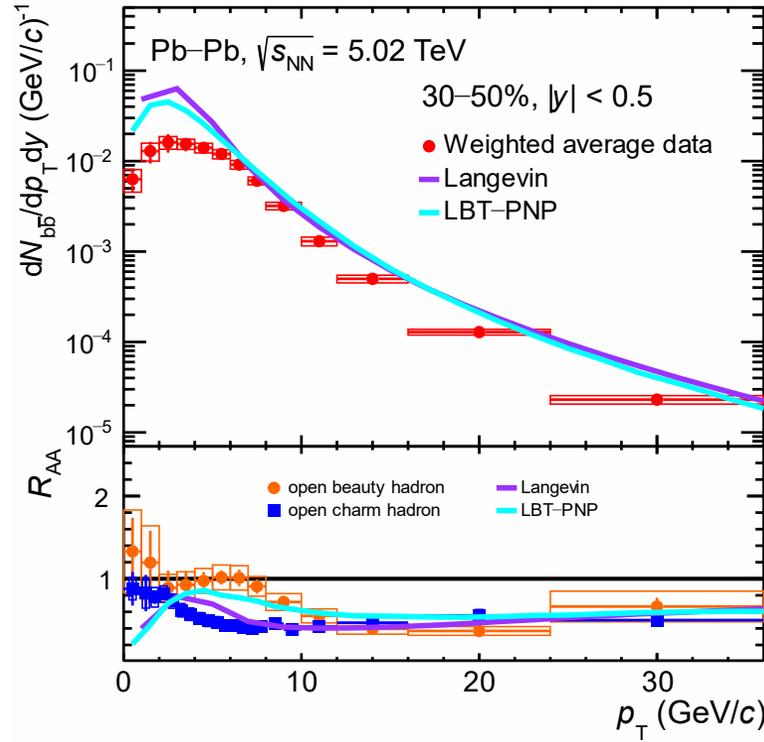
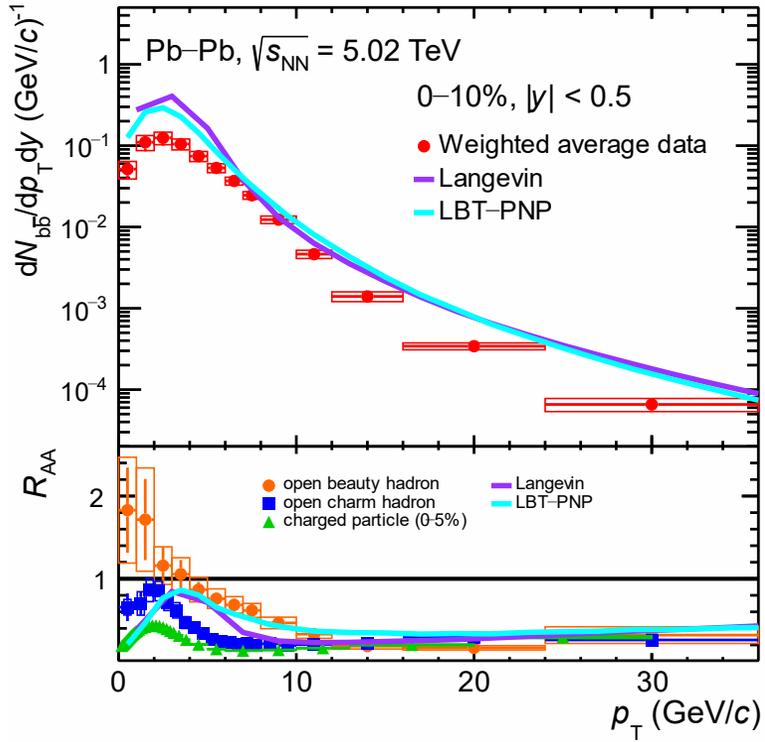


dN/dp_Tdy at mid-rapidity



dN/dy





The Langevin and LBT-PNP calculation in p_T spectrum represents $\left. \frac{dN}{dp_T} \right|_{y=0}$ and $\left. \frac{d\sigma}{dp_T} \right|_{y=0}$, respectively.

$$\frac{\frac{d\sigma^{0-10\%}}{dp_T}}{R_{AA}^{0-10\%}} = \frac{\frac{d\sigma^{30-50\%}}{dp_T}}{R_{AA}^{30-50\%}} = ? = \frac{d\sigma^{pp}}{dp_T}$$