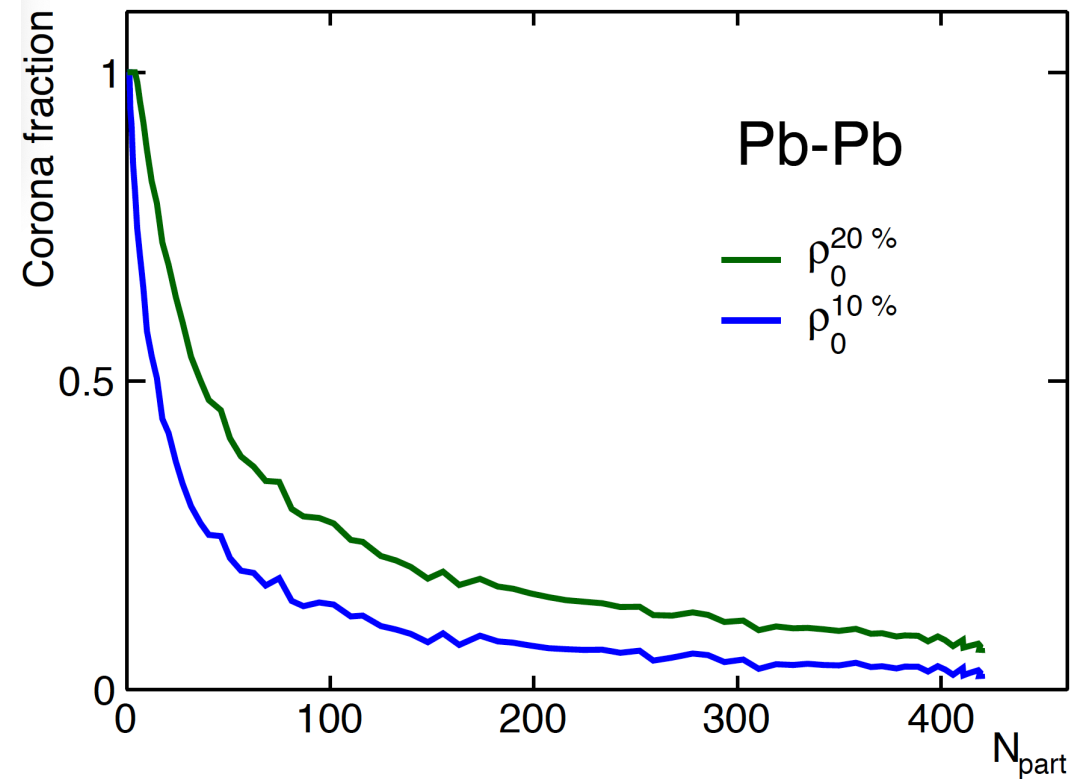
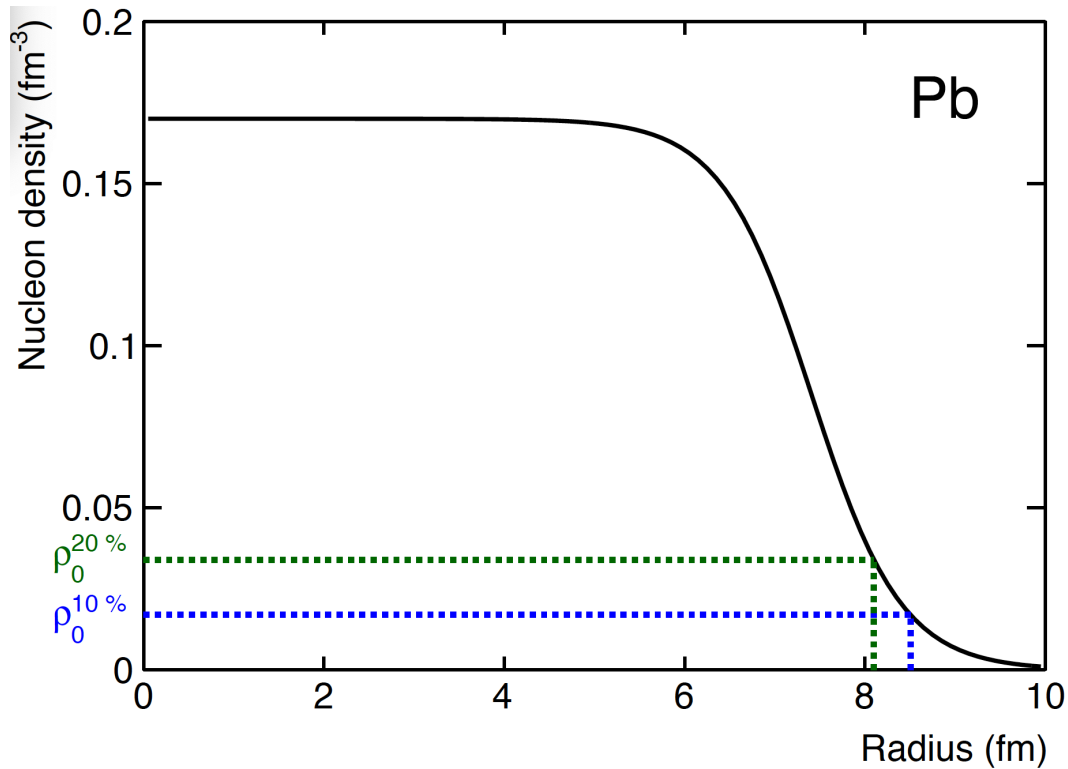


EMMI Rapid Reaction Task Force

Suppression and (re)generation of quarkonium in heavy-ion collisions at the LHC

16-20.12.2019, GSI Darmstadt

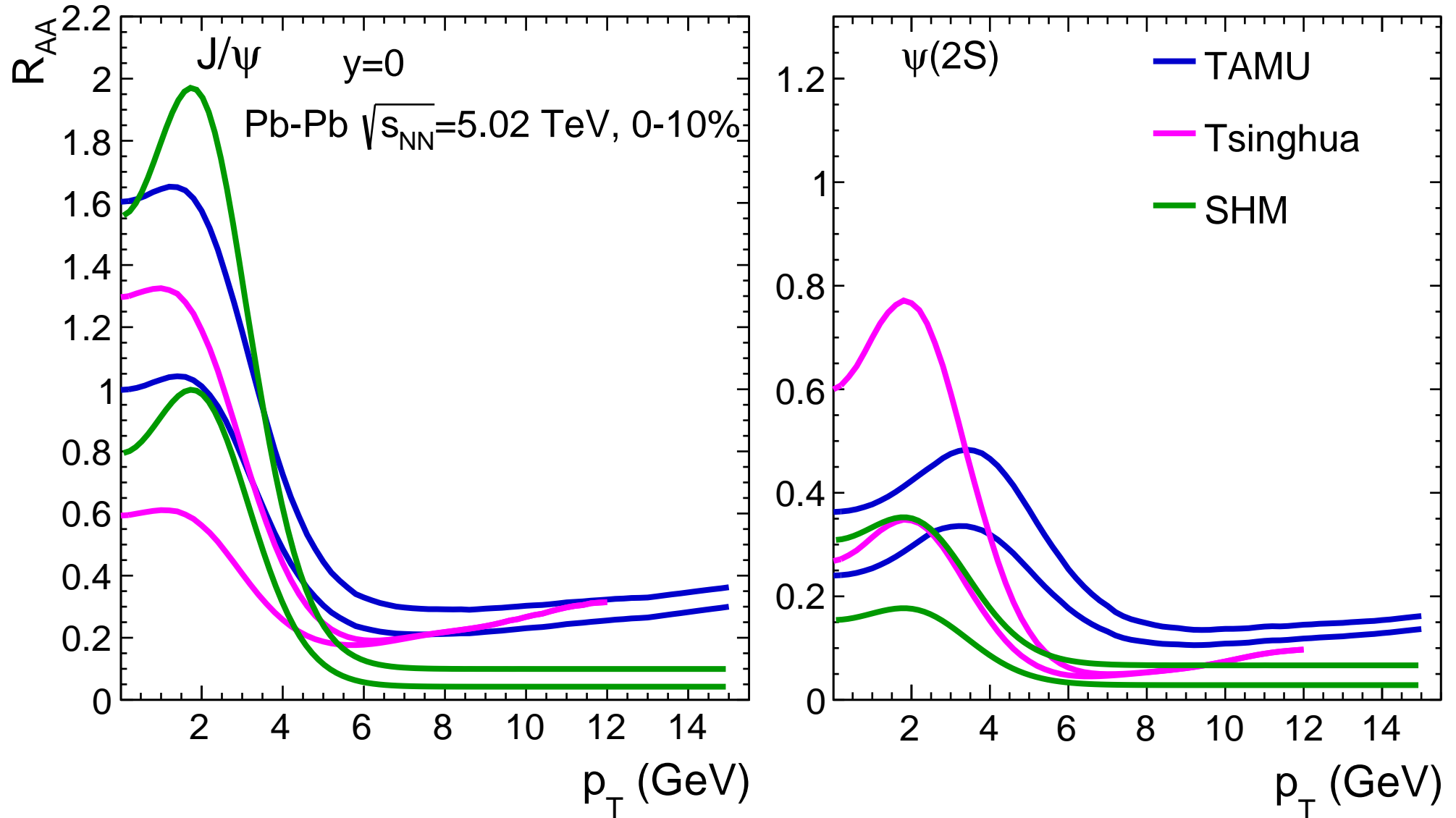
Core-corona



Core: SHM (full equil., $\Delta y=1$; $V_{\Delta y=1}^{LHC} \simeq 5000 \text{ fm}^3$)

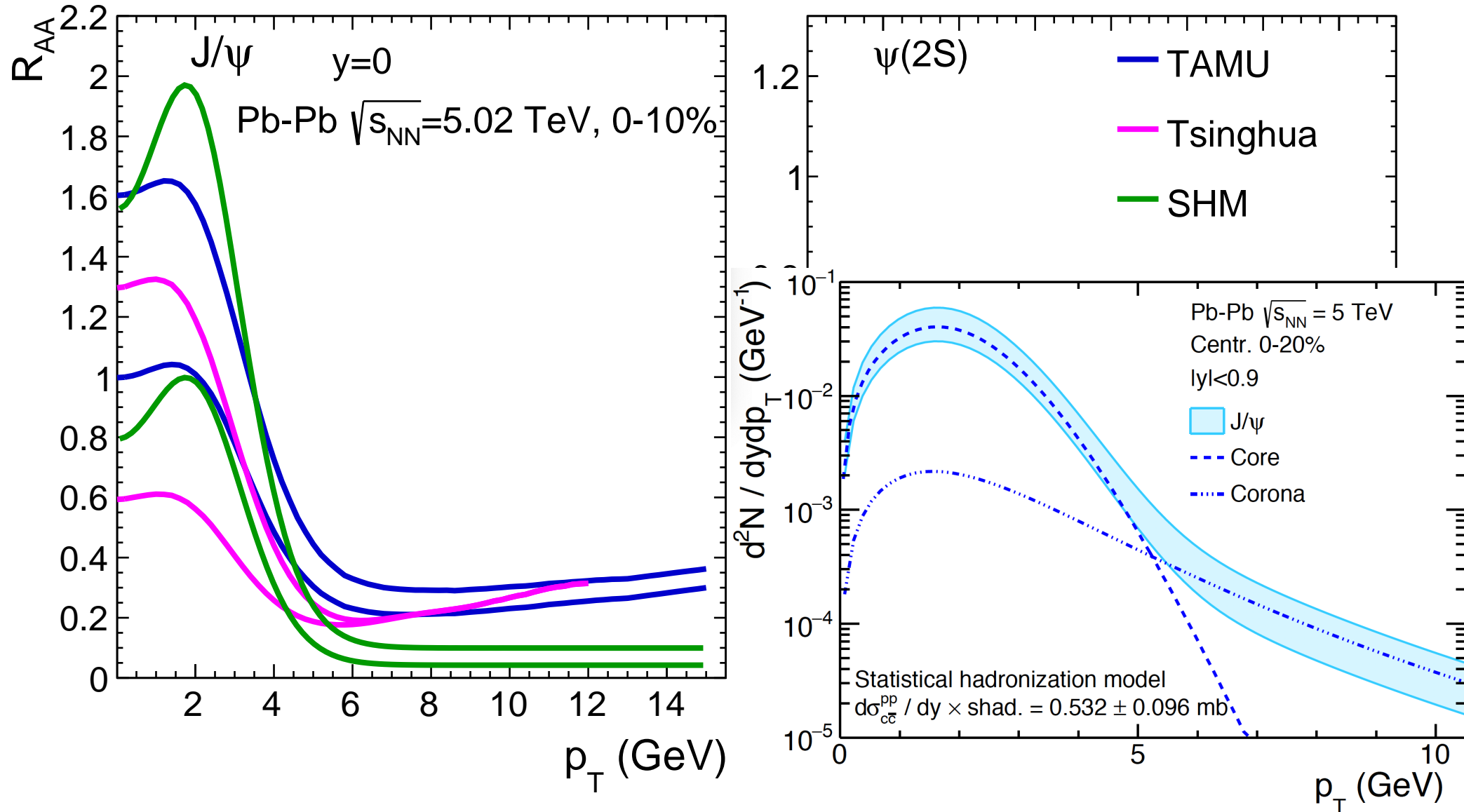
Corona (nucleons that have 0 or 1 collisions): superposition of pp collisions

Core-corona contributions



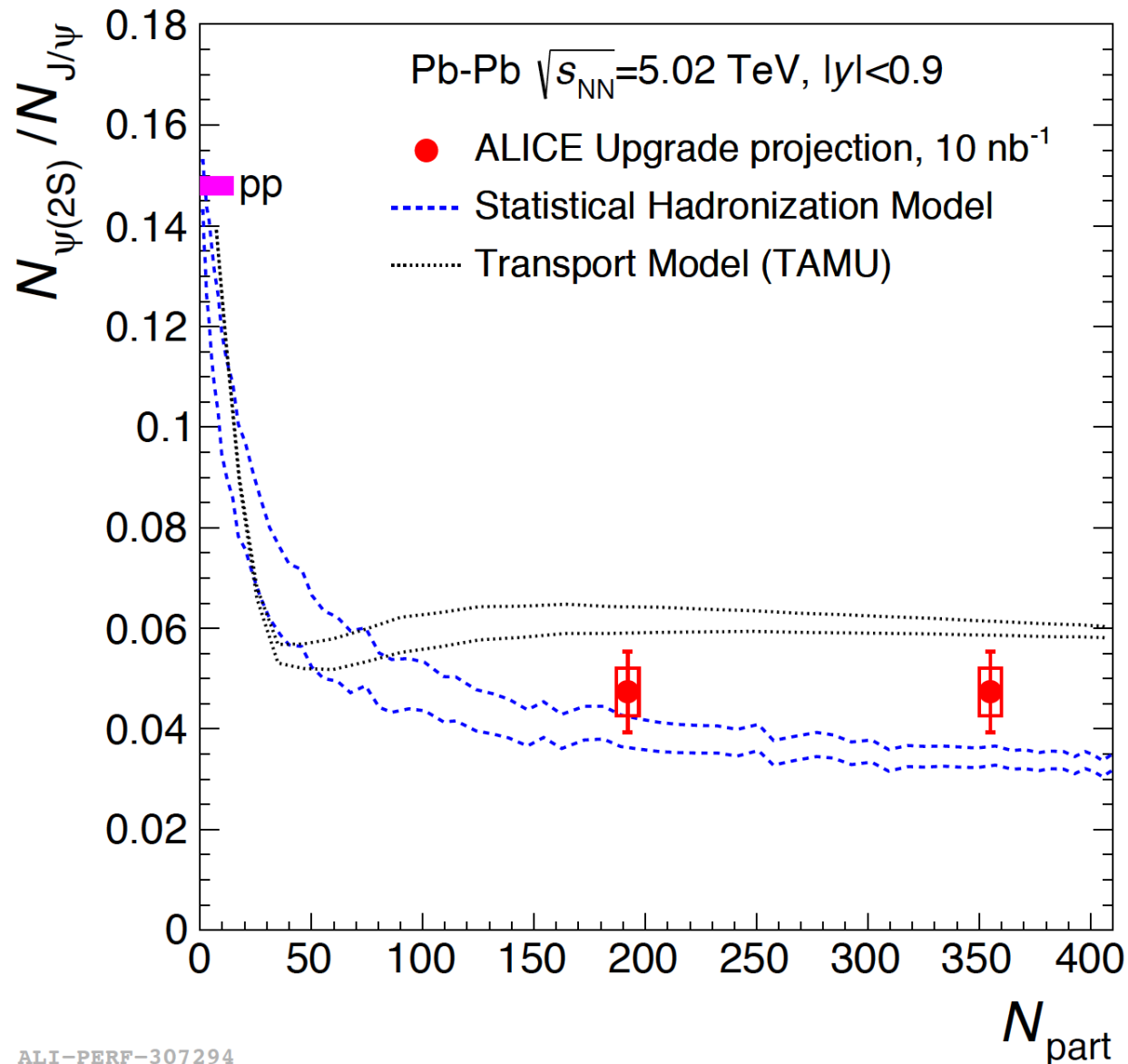
in SHM, for $p_T > 6-7$ GeV only the corona gives a contribution

Core-corona contributions



in SHM, for $p_T > 6-7$ GeV only the corona gives a contribution

Core-corona contributions



Here, the band is the corona uncertainty; *everything else cancels out in SHM*