

Figure 1: The rapidity distribution of deuterons for central Pb+Pb collisions at $E_{kin} = 40$ AGeV.

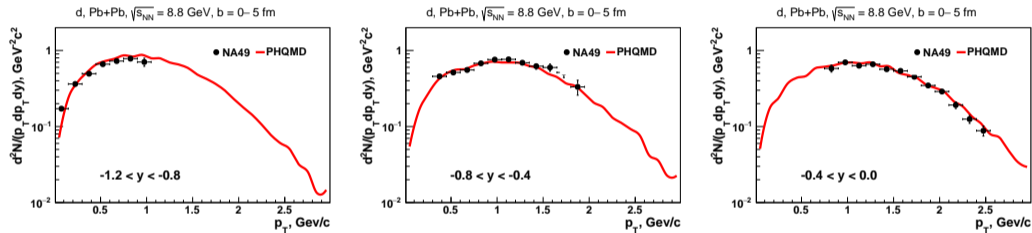


Figure 2: The transverse momentum spectra of deuterons for Pb+Pb central collisions at $\sqrt{s_{NN}} = 8.8$ GeV.

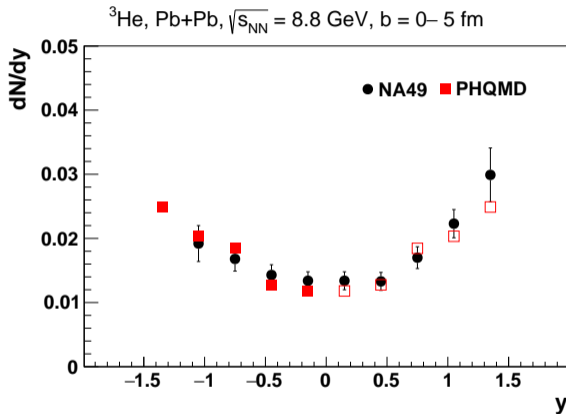


Figure 3: The rapidity distribution of ${}^3\text{He}$ from Pb+Pb central collisions at $\sqrt{s_{NN}} = 8.8$ GeV.

PHQMD plots for PANIC

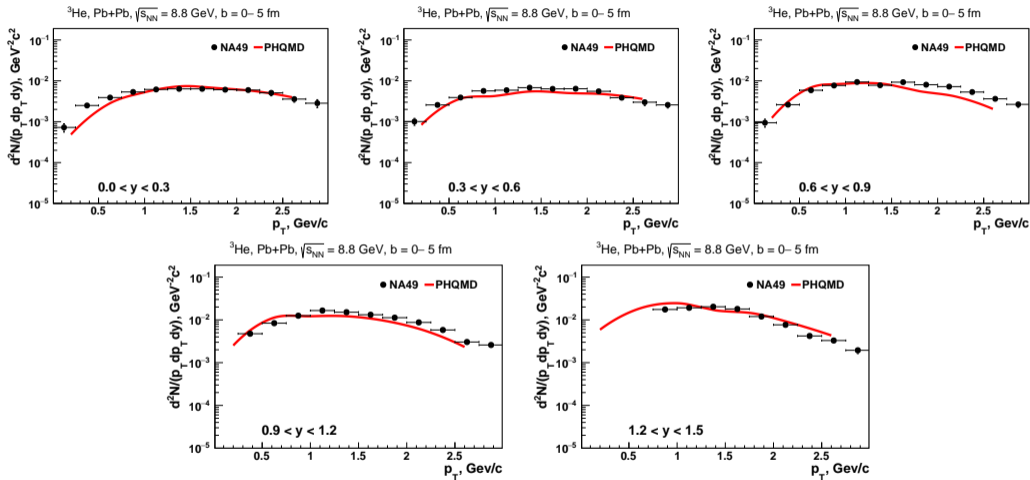


Figure 4: The transverse momentum spectra of ${}^3\text{He}$ for Pb+Pb central collisions at $\sqrt{s_{NN}} = 8.8$ GeV.

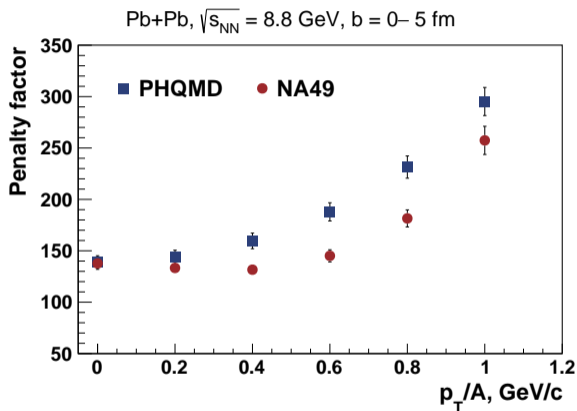


Figure 5: Penalty factor for the cluster yields at several values of P_T/A in central Pb+Pb collisions at $\sqrt{s_{NN}} = 8.8$ GeV.

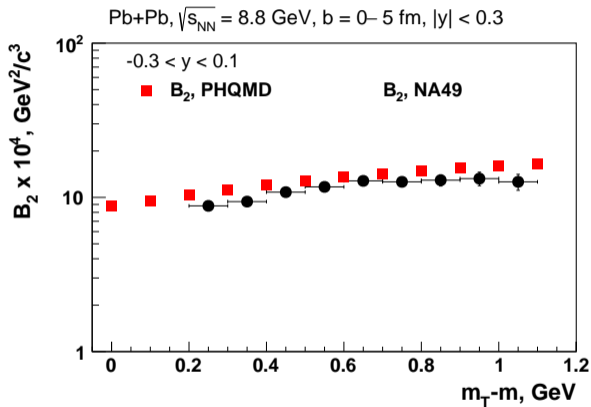


Figure 6: The coalescence factor B_2 as a function of $m_T - m$ for deuterons in central Pb+Pb collisions at $\sqrt{s_{NN}} = 8.8$ GeV.

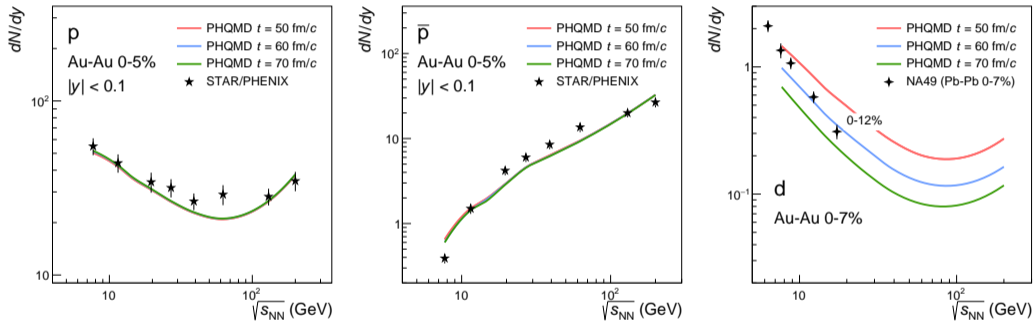


Figure 7: The midrapidity excitation function of dN/dy of protons (top), antiprotons (middle) and deuterons (bottom) as a function of $\sqrt{s_{NN}}$

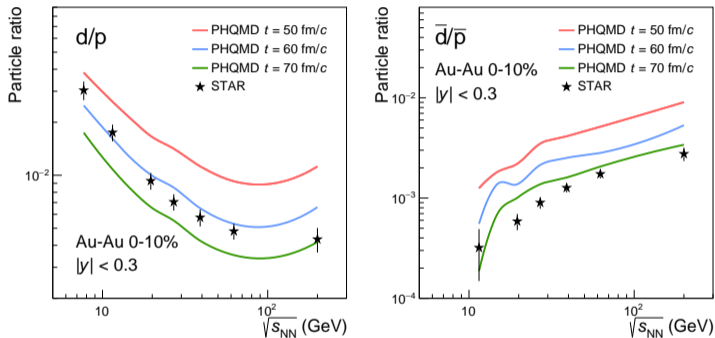


Figure 8: The excitation function of the deuteron to proton (top) and antideuteron to antiproton ratios (bottom) for central Au+Au collisions as a function of $\sqrt{s_{NN}}$.

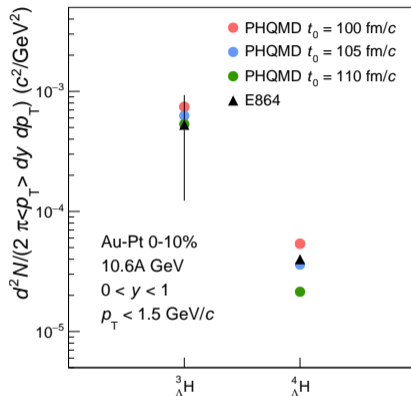


Figure 9: Invariant yields of light hypernuclei at $0 < y < 1$ and $p_T < 1.5 \text{ GeV}/c$ in central Au+Pt collisions at the beam energy $E_{kin} = 10.6 \text{ AGeV}$. The filled triangles indicate the experimental data from the E864 Collaboration.

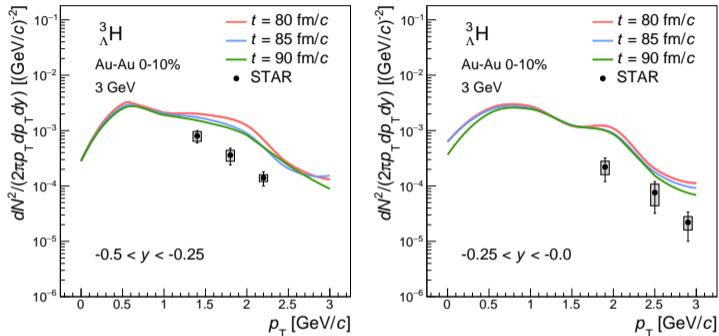


Figure 10: Transverse momentum distribution of ${}^3_{\Lambda}\text{H}$ for different rapidity intervals as indicated in the legends in central Au+Au collisions at $\sqrt{s_{NN}} = 3$ GeV. The filled circles indicate the preliminary experimental data from the STAR Collaboration:

<https://indico.cern.ch/event/985460/contributions/4264621/>

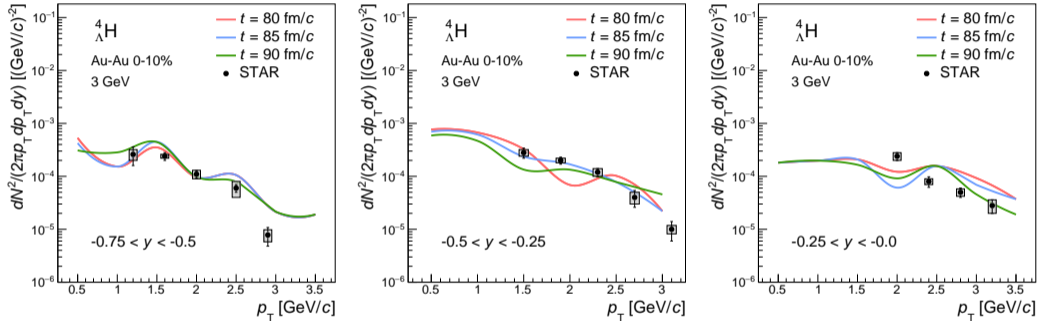


Figure 11: Transverse momentum distribution of ${}^4_{\Lambda}\text{H}$ for different rapidity intervals as indicated in the legends in central Au+Au collisions at $\sqrt{s_{NN}} = 3$ GeV. The filled circles indicate the preliminary experimental data from the STAR Collaboration:

<https://indico.cern.ch/event/985460/contributions/4264621/>

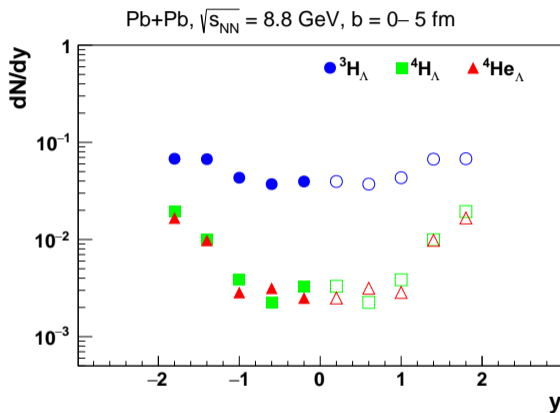


Figure 12: The rapidity distribution of ${}^3_\Lambda\text{H}$, ${}^4_\Lambda\text{H}$ and ${}^4_\Lambda\text{He}$ from central Pb+Pb collisions at $\sqrt{s_{NN}} = 8.8$ GeV calculated at the physical time $t = t_0 \cosh(y)$ for $t_0 = 53$ fm/c.