

Abstract Submitted
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From RHIC to LHC: Elliptic and radial flow effects on hadron spectra¹ GREGORY KESTIN, ULRICH HEINZ, The Ohio State University — Using (2+1)-dimensional ideal hydrodynamics we investigate the elliptic flow and spectra of pions and protons in peripheral Au+Au collisions as a function of transverse momentum at midrapidity. We also set a hydrodynamic benchmark for π^+ /p, Λ/K^+ , and Ω/ϕ ratios as a function of transverse momentum. Energies of the collisions we investigate range from several GeV (AGS energies) to several TeV (LHC energies).

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Gregory Kestin
The Ohio State University

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