

Abstract Submitted
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Transverse Energy Distributions Measured in the RHIC Beam Energy Scan Using the PHENIX Muon Piston Calorimeter¹ BRETT FADDEM, Muhlenberg College, PHENIX COLLABORATION — Most RHIC beam energy scan results have been obtained at midrapidity. Using the PHENIX Muon Piston Calorimeter, which covers a pseudorapidity range of $3.1 < |\eta| < 3.8$, measurement of transverse energy distributions can be extended to forward/backward rapidities which are associated with larger values of baryon chemical potential and represent a different region of the phase diagram. In this talk, we present the latest PHENIX results for this observable in Au+Au collisions at $\sqrt{s_{NN}} = 200, 62.4, 39,$ and 7.7 GeV.

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