

Abstract Submitted
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Pion Reconstruction for Calibration of the PHENIX Muon Piston Calorimeter in Au+Au Collisions at RHIC SCOTT SANOWITZ, Muhlenberg College — The PHENIX Muon Piston Calorimeter (MPC) is a useful tool for analyzing p+p, d+Au, Au+Au collisions at RHIC. Covering forward and backward pseudorapidities ($3.1 < |\eta| < 3.7$) the detector has already been used in p+p and d+Au analyses. We are currently calibrating the detector for use in analyzing Au+Au data. Pion reconstruction is one of several methods by which to calibrate the towers of the MPC. Progress on these calibrations will be reported.

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