

Performance of the PHENIX EM Calorimeter in PHENIX

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Abstract

The PHENIX electro-magnetic calorimeter(EMCal) is designed to measure electro-magnetic probes in ultrarelativistic heavy-ion collisions. In the year 2000, the EMCal was used at RHIC to perform measurements of single gammas and neutral pions from Au+Au collisions at $\sqrt{s} = 130\text{AGeV}$. The performance of the calorimeter in this first RHIC run will be presented, together with plans for future measurements in the high-pT region.
