

Abstract Submitted
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ϕ Meson Measurements at Forward/Backward Rapidity at RHIC with PHENIX Detector¹ XIAOCHUN HE, Georgia State University, PHENIX COLLABORATION — Given the relatively small hadronic interaction cross section, ϕ meson production provide a unique and complimentary method for exploring the hot and dense medium properties created in the relativistic heavy ion collisions. In this talk, a summary of the ϕ measurements at forward and backward rapidities in p+p, d+Au, Cu+Au collisions in the PHENIX experiment at RHIC will be given.

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