

Abstract Submitted
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J/psi Measurements in Cu+Au and U+U Collisions from PHENIX ABHISEK SEN, University of Tennessee, PHENIX COLLABORATION
— The measurement of quarkonia production in relativistic heavy ion collisions provides a powerful tool for studying the properties of the hot and dense matter created in these collisions. PHENIX's ability to measure J/psi in a wide kinematic range and RHIC's flexibility to collide different nuclei provide a unique opportunity for such measurements in order to systematically test various quarkonia suppression models. In the 2012 run, RHIC has collided Cu+Au and U+U nuclei. These collisions promise an array of unique initial geometrical configurations which present an opportunity to measure J/psi production in a wide range of initial energy densities. Recent J/psi results from Cu+Au and U+U data from PHENIX will be discussed.

Abhisek Sen
University of Tennessee

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