

Charmonium Production in Asymmetric Nuclear Collisions by the PHENIX Experiment at RHIC

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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.

To be really useful, however, such measurements must cover a wide range of quarkonia states and colliding species.

The PHENIX experiment at RHIC has successfully measured J/ψ , ψ' , χ_c and Upsilon states in p+p, d+Au and Au+Au collisions.

In this talk I will present recent results from the PHENIX collaboration on charmonium production in Cu+Au and U+U collisions at 200 GeV/c.

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