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## Forward J/psi production in Au+Au and Cu+Au collisions at PHENIX

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One important theoretical model of heavy ion collisions expects that the collision zone can be divided into two distinct regions: the core and the corona. The corona region is a low density p+p or p+A like region which may be a more favorable for J/psi production as opposed to the hot, dense core. From a Glauber model, this region is found to be symmetric about the reaction plane in Au+Au collisions, but is distinctly asymmetric in Cu+Au collisions. In this poster, we will describe the expected geometrical asymmetry in terms of the Glauber model implementation and show our initial studies of forward J/psi production toward measuring the relative size of the corona as a function of system-size.

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