

UNRESOLVED QUESTIONS IN J/ψ PRODUCTION AND PROPAGATION IN NUCLEI¹

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In order to understand the J/ψ suppression arising from the possible occurrence of the quark–gluon plasma in high-energy heavy-ion collisions, it is necessary to have a comprehensive picture of how the J/ψ and its precursors are produced, what their properties after production are, and how the J/ψ and its precursors propagate inside nuclear matter. There are unresolved questions in the descriptions of J/ψ production and propagation. Some of these questions and approaches for their resolution are outlined and discussed.

¹Abstract of paper to be published in Proceedings of Workshop on Particle Distributions in Hadronic and Nuclear Collisions, Chicago, IL, June 11–13, 1998.