

Abstract Submitted
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J/Ψ production at EIC¹ ADAM FREESE, MISAK SARGSIAN, Florida International University — We present a theoretical study of J/Ψ photo- and electroproduction from deuterium accompanied by deuteron break-up. We demonstrate that this reaction, which can be efficiently studied at EIC kinematics, can be used to study various aspects of J/Ψ dynamics, including the total J/Ψ - N cross section for a wide range of center-of-mass energies, as well as the mechanism of J/Ψ production from a coherent $2N$ state. The latter is sensitive to the hidden color component of the deuteron.

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