

Abstract Submitted
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Photoproduction of JPsi at GlueX KAMAL SETH, Northwestern University, GLUEX COLLABORATION COLLABORATION — We propose to measure photoproduction of J/ψ using the photon beam at GlueX produced by 12 GeV electrons. Existing measurements at SLAC lead to the expectation that J/ψ can be produced at GlueX with photon energy ranging from 8.4–11.8 GeV. The measurement will enable us to distinguish between J/ψ production due to two or three gluons interacting with the proton target. Data taken recently with 12 GeV electrons is being analyzed to confirm the expected production of J/ψ decaying into e^+e^- .

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