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## Exclusive J/ $\psi$ photoproduction on nucleon and nuclei

We investigate  $J/\psi$  meson photoproduction on the nucleon and (d, <sup>4</sup>He, <sup>16</sup>O, <sup>40</sup>Ca) targets within a dynamical model approach. Within the multiple scattering theory, the calculations have been performed by including the impulse amplitude and the final  $J/\psi$ -nucleus scattering amplitude. The impurse term for the deuteron target can be calculated using the wavefunctions generated from the realistic NN potentials. The FSI amplitude is calculated using the first-order optical potentials constructed from the  $J/\psi$ -N potentials. We compare our results with the recent GlueX and Hall C data from the JLab.

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