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## Photoproduction of light vector mesons in the dipole picture

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We study the photoproduction of light vector mesons considering both the proton and the nucleus as targets. Utilizing the dipole picture and wave functions obtained via AdS/QCD, we were able to describe the HERA  $\gamma p$  data and extend the analysis to the nuclear case by employing the Glauber–Gribov formalism. This formalism is supplemented by an effective nuclear suppression factor,  $R_G$ , which accounts for the gluon shadowing correction. Our results are compared to recent  $PbPb \rightarrow \rho PbPb$  data from the LHC, and predictions for other light vector mesons are presented.

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