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The impact of e+A collisions on nuclear PDFs

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e+A collisions can bring useful information to questions that A+A cannot (fully) answer. In particular, they can shed light on the distribution of partons within nuclei. This is most relevant in the case of the gluon, which suffers from huge uncertainties in the small-x regime. We show how to implement data from e+A collisions into existing nPDFs and the impact these collisions have on said distributions.

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