

Abstract Submitted
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Gluon distributions in nuclei probed at the CERN Large Hadron Collider ADEOLA ADELUYI, CARLOS BERTULANI, Texas A&M University-Commerce — Using updated gluon distributions from global fits to data, we investigate the sensitivity of direct photoproduction of heavy quarks and exclusive production of vector mesons to varying strength of gluon modifications. Implications of using these processes for constraining nuclear gluon distributions are discussed.

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