

Abstract Submitted
for the APR21 Meeting of
The American Physical Society

Photon-jet production and angular correlations in proton-nucleus collisions: from low to high p_t ¹ JAMAL JALILIAN-MARIAN, City University of New York, Baruch College — We calculate the photon-jet production cross section in proton-nucleus collisions extending the previous calculations, done in the small x (low p_t) limit, to high x . This allows one to investigate the disappearance and re-appearance of the away side peak in azimuthal angular correlations from low to high p_t as well as the forward-backward rapidity correlations.

¹DOE

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Date submitted: 06 Jan 2021

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