

Abstract Submitted  
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**Small-x valence quark production in proton-nucleus collisions**

JAVIER LOPEZ ALBACETE, Ohio State University, YURI KOVCHEGOV — The presence of a net non-zero baryon number at central rapidity in hadronic collisions is known as baryon stopping. This phenomenon is driven by the production of small Bjorken-x valence quarks. I will present the result for the cross section for valence quark production in proton-nucleus collisions. Multiple scattering-saturation effects are taken into account under the quasi-classical approximation.

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