

Abstract Submitted
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Diffractive DIS in ep and eA CYRILLE MARQUET, RIKEN BNL
Research Center, Brookhaven National Laboratory — The discovery of diffractive
deep inelastic scattering (DDIS) at HERA has opened the way for new experimental
tests of QCD. In particular, as diffractive events are sensitive to infrared physics even
in the weak coupling regime, it was realized that diffractive observables are good
places for testing the saturation regime of QCD. We present preliminary results in
the context of DDIS off nuclei, including potential CGC signatures.

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