

Abstract Submitted  
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**Search for the onset of Color Transparency in Protons** DEEPAK BHETUWAL, MSU — Color transparency (CT) is a unique prediction of Quantum Chromodynamics (QCD) where the final (and/or initial) state interactions of hadrons with the nuclear medium are suppressed for exclusive processes at high momentum transfers. During the spring of 2018, the experiment E1206107 to measure the Proton Transparency was the first to run in Hall C at Jefferson Lab using the upgraded 12 GeV electron beam. Our experiment used the High Momentum Spectrometer (HMS) and new Super High Momentum Spectrometer (SHMS) in coincidence to measure  $^{12}\text{C}(e,e p)$  proton knockout to extract the proton nuclear transparency with additional  $^1\text{H}$  measurements to determine the elementary process, over the range  $Q^2 = 8 - 14.3 (\text{GeV}/c)^2$ . A rise in the proton transparency as a function of  $Q^2$  is predicted to be a signature of the onset of Color Transparency. This talk will summarize the status of the experiment since the completion of data taking and show some preliminary results.

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