

Abstract Submitted
for the DNP11 Meeting of
The American Physical Society

Short-Range Nucleon-Nucleon Correlations DOUGLAS HIGINBOTHAM, Jefferson Lab — For short periods of time, the nucleons in the nucleus can form strongly correlated pairs. By probing the nucleus with electrons in $x_B > 1$ and $Q^2 > 2$ [GeV/c]² kinematics, it seems that researchers have finally cleanly observed the effects of a correlated initial-state and suppressed the other reaction mechanisms which dominated experiments which were done in less extreme kinematics. Recent experimental results in these kinematics, both inclusive and exclusive, will be presented along with a discussion of what the data has taught us.

Douglas Higinbotham
Jefferson Lab

Date submitted: 01 Jul 2011

Electronic form version 1.4