

Abstract Submitted
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Investigation of Short Range correlations in $^3\text{He}(e,e'pp)n$ HOVHANNES BAGHDASARYAN, LARRY WEINSTEIN, CLAS COLLABORATION
— Nucleon-Nucleon (NN) Short Range Correlations (SRC) represent a valuable part of the nuclear wavefunction. The better knowledge of SRC will give us better understanding of nuclear matter and nuclear interactions in extreme conditions. A study of the effects of short-range correlations over the $^3\text{He}(e,e'pp)n$ reaction measured at Jefferson Lab is presented. Looking at the reaction, we can extract the kinematic regions where the NN SRC is an almost non interacting spectator. We have measured the relative and total momentum distributions of spectator (pp) and (pn) pairs up to 600 MeV/c. We will compare results with various theories.

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