

Abstract Submission

22nd International Spin Symposium

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Quark Distributions and Nuclear Binding WAVERLY GORMAN, MATTHIAS BURKARDT, New Mexico State University — We consider a 1+1 dimensional model for nuclei where the ‘nucleons’ are represented by a heavy-light system. This allows for the study of binding energies and quark distributions as a function of the separation between the nucleons. We find a significant shift of quark distributions towards smaller momentum.