Regge model of NN scattering amplitudes and its application to describe final state interactions in $^2H(e, e'p)$ WILLIAM FORD, University of Southern Mississippi, J. WALLACE VAN ORDEN, Old Dominion U. and Jefferson Lab — A Regge model to parametrize NN scattering amplitudes has been developed for $s > 5.4$ GeV ^{2}. The model is fully relativistic and includes all spin dependence. The parameters of the model were fit to available NN scattering observables. Application of the model to describe final state interactions in deuteron electrodisintegration are presented.

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