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Abstract for NEDPC 2009

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Request Oral presentation

Topic area: 700 Experimental Results and Analysis

Further Analysis of the Molli1p Proton Radiography Dynamic Experiment

Cynthia L. Schwartz, Nicholas King, Frank Merrill, Christopher Morris, Alexander Saunders

The Molli series of experiments is aimed at studying hydrodynamic mix using 800 MeV proton radiography at the Los Alamos Neutron Science Center. We have further analyzed the Molli1p proton radiography dynamic experiment which has allowed us to remove energy loss dependent radiographic effects from the data, resulting in a more physical measurement of the features.