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Experimental and simulated dp breakup reaction data at 300, 400 and 500 MeV

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Collaboration

DSS

Abstract content

Dp breakup reaction occupied large phase space. Two and three nucleon forces and relativistic effects can be investigated under various detector configuration. The results of simulation of dp breakup reaction in energy region from 300 to 500 MeV are presented. Preliminary results obtained at 300, 400 and 500 MeV of deuteron energy at some detector configurations at Nuclotron such as future plans in investigation of relativistic effects are discussed.

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