

Dynamical Description of Coulomb Dissociation*

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We present a simple and efficient method for a fully dynamical treatment of Coulomb excitation in the semiclassical approximation by solving the time-dependent Schrödinger equation. It allows to investigate the importance of higher order effects in the breakup process. The method is applied to the Coulomb breakup of ^7Li scattered on ^{197}Au at 42 MeV projectile energy.

Key words: Coulomb Dissociation; Higher Order Effects.

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