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Studies of neutron-deficient nuclei with breakup reactions

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A short review of theoretical descriptions for breakup reactions of neutron-deficient nuclei and, in particular, the breakup of weakly bound light nuclei. They include measurements of proton-removal cross sections, longitudinal momentum distributions of core fragments, extraction of spectroscopic factors from measurements of knock-out reactions, extraction of nuclear dipole response and of radiative capture reactions of astrophysical interest.

Summary

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