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**Study of halo structure in neutron-rich nuclei via  
intermediate-energy direct reactions of RI beams**

Abstract

Basic idea for investigating halo structure in neutron-rich nuclei using direct reactions of RI beams is presented. Several experimental researches in the RIPS facility in RIKEN are presented and the studies on the isospin multiplets of the halo nuclei populated by the charge exchange reactions are discussed in detail.