"Spin-dependent observables and the D₂ parameter in breakup of deuteron and ³He"

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Аннотация

We analyze the momentum distributions of constituents in ³He, as well as the spin-dependent observables for (³He,d), (³He,p), and (d,p) breakup reactions. Special attention is paid to the region of small relative momenta of the ³He and the deuteron constituents, where the single parameter, D₂, has determining role for the spin-dependent observables. We extract also this parameter for the deuteron basing on existing data for the tensor analyzing power of its breakup reaction.

Доклад готовится для публикации в трудах конференции ПРАГА - СПИН-2012 и в качестве препринта ОИЯИ.