The 2nd International African Symposium on Exotic Nuclei IASEN2024



Contribution ID: 14 Type: Oral

Role of the atomic mass in the breakup of weakly-bound halo nuclei

In probing the internal structures of halo systems through breakup reactions, the attention is largely reserved to the ground and continuum structures of the weakly bound projectile. It is shown that some breakup features can be revealed by focusing on the projectile atomic mass, which is found to be a significant quantitative parameter in the breakup process

Notes

Primary author: MUKERU, Bahati

Presenter: MUKERU, Bahati