

PECULIARITIES OF STRUCTURE OF WEAKLY BOUND LITHIUM NUCLEI ($A = 6-11$) AND NUCLEAR REACTION MECHANISMS AT LOW ENERGIES

Monday, 11 July 2022 13:10 (35 minutes)

Review talk considers present-day status of experimental and theoretical results on angular distributions and total cross sections of reactions with light weakly bound lithium nuclei ($6-11\text{Li}$). Peculiarities of structure of light weakly bound lithium nuclei ($6-11\text{Li}$), their effect on mechanisms of nuclear reactions are discussed. The works from recent (2017–2022) years [1–5] are also analyzed in the review.

The speaker is a student or young scientist

No

Section

1. Experimental and theoretical studies of nuclear reactions

Primary authors: Prof. KUTERBEKOV, Kairat (L.N.Gumilyov Eurasian National University, Faculty of Physics and Technical Sciences); AZHIBEKOV, Aidos (JINR, Dubna); Dr KABYSHEV, Aset (L.N.Gumilyov Eurasian National University, Faculty of Physics and Technical Sciences)

Presenter: Prof. KUTERBEKOV, Kairat (L.N.Gumilyov Eurasian National University, Faculty of Physics and Technical Sciences)

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