

**Ажибекова Айдос**  
**Список публикаций за 5 лет**

**Публикаций в журналах, индексируемых наукометрической базой Scopus:**

- [1] B.A. Urazbekov, T. Issatayev, S.M. Lukyanov, **A.K. Azhibekov**, A. Denikin, K. Mendibayev, D.M. Janseitov, Yu.E. Penionzhkevich, K. Kuterbekov, T.K. Zholdybayev, Reactions induced by 30 MeV  $^3\text{He}$  beam on  $^9\text{Be}$ : Cluster transfer reactions // *Chinese Physics C* **48** (2024) 014001.
- [2] **A.K. Azhibekov**, S.M. Lukyanov, A.V. Shakhov, Yu.E. Penionzhkevich, M.A. Naumenko, H.M. Devaraja, E.K. Almanbetova, B.A. Urazbekov, A.Yu. Bodrov, E.V. Mardyban, A. Bahini, K. Mendibayev, Neutron transfer in the  $^{48}\text{Ca}+^{197}\text{Au}$  reaction // *European Physical Journal A* **59** (2023) 278.
- [3] **A.K. Azhibekov**, V.V. Samarin, Time-Dependent Description of Reactions with Weakly Bound  $^{11}\text{Li}$  and  $^{11}\text{Be}$  Nuclei // *Bulletin of the Russian Academy of Sciences: Physics* **86** (2022) 1092-1098.
- [4] **A.K. Azhibekov**, Yu.E. Penionzhkevich, M.A. Naumenko, S.M. Lukyanov, T. Issatayev, V.A. Maslov, K. Mendibayev, N.K. Skobelev, K.A. Kuterbekov, and A.M. Mukhambetzhan, Probabilities of Neutron Transfer to Single-Particle Levels in the Reaction  $^{181}\text{Ta}(^{18}\text{O}, ^{19}\text{O})$  at Near-Barrier Energies, *AIP Conference Proceedings* 2377 (2021) 070001.
- [5] **A.K. Azhibekov**, Yu.E. Penionzhkevich, S.M. Lukyanov, T. Issatayev, V.A. Maslov, K. Mendibayev, M.A. Naumenko, N.K. Skobelev, K.A. Kuterbekov, A.M. Mukhambetzhan, Dynamics of neutron transfer in reaction  $^{181}\text{Ta}(^{18}\text{O}, ^{19}\text{O})$  at energy 10 MeV/nucleon, *Physics of Atomic Nuclei* **84** (2021) 635-642.
- [6] **A.K. Azhibekov**, V.V. Samarin, K.A. Kuterbekov, Time-dependent calculations for neutron transfer and nuclear breakup processes in  $^{11}\text{Li}+^9\text{Be}$  and  $^{11}\text{Li}+^{12}\text{C}$  reactions at low energy, *Chinese Journal of Physics* **65** (2020) 292-299.
- [7] Y.E. Penionzhkevich, S.M. Lukyanov, **A.K. Azhibekov**, M.A. Naumenko, T. Issatayev, I.V. Kolesov, V.A. Maslov, K. Mendibayev, V.A. Zernyshkin, K.A. Kuterbekov, A.M. Mukhambetzhan, Neutron transfer in reaction  $^{18}\text{O} + ^{181}\text{Ta}$  with formation of neutron-rich oxygen isotopes, *Journal of Physics: Conference Series* **1555** (2020) 012031.
- [8] **A.K. Azhibekov**, V.V. Samarin, K.A. Kuterbekov, Neutron transfer and nuclear breakup in  $^{208}\text{Pb}(^{11}\text{Li}, ^9\text{Li})$  reaction, *Eurasian Journal of Physics and Functional Materials* **4** (2020) 19-28.
- [9] **A. K. Azhibekov**, V. A. Zernyshkin, V. A. Maslov, Yu. E. Penionzhkevich, K. Mendibayev, T. Issatayev, M. A. Naumenko, N. K. Skobelev, S. S. Stukalov, D. Aznabaev, Differential Production Cross Sections for Isotopes of Light Nuclei in the  $^{18}\text{O} + ^{181}\text{Ta}$  Reaction, *Physics of Atomic Nuclei* **83** (2020) 93-100.
- [10] **A.K. Azhibekov**, V.V. Samarin, K.A. Kuterbekov, M.A. Naumenko, Shell model calculations for deformed Li isotopes, *Eurasian Journal of Physics and Functional Materials* **3** (2019) 307-318.
- [11] A.M. Kabyshev, K.A. Kuterbekov, **A.K. Azhibekov**, K.Zh. Bekmyrza, A.M. Mukhambetzhan, M.K. Kenzhebek, Ye.K. Sovetkhanov, Zh.A. Yeltay, An analysis of cross-sections of  $^9\text{Be}+^{28}\text{Si}$  interaction in the framework of the double-folding model, *Eurasian Journal of Physics and Functional Materials* **3** (2019) 319-329.

### Публикаций в материалах международных конференции:

- [12] A. K. Azhibekov, K. A. Kuterbekov and V. V. Samarin,  $^{11}\text{Li}+^9\text{Be}$  Reaction in the Framework of the Time-dependent Schrödinger Equation, Exotic Nuclei, pp. 3-8 (2019).
- [13] Azhibekov A.K., Samarin V.V., Kuterbekov K.A., Theoretical analysis of neutron transfer and breakup in ( $^{11}\text{Li} + ^9\text{Be}$ ) and ( $^{11}\text{Li} + ^{12}\text{C}$ ) reactions at low energies, LXIX international conference “Nucleus-2019” on nuclear spectroscopy and nuclear structure book of abstracts, p. 258 (2019).
- [14] K.A. Kuterbekov, A.K. Azhibekov, A.M. Kabyshev, Peculiar properties of the interaction of the  $^{11}\text{Li}$  nucleus with Be-isotopes, 2018 European Nuclear Physics Conference Book of abstracts, p. 71 (2018).
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- [16] Azhibekov A.K., Time-dependent analysis of neutrons transfer reactions  $^{181}\text{Ta}(^{18}\text{O}, ^{19}\text{O})$  at near-barrier energies // LXX international conference “Nucleus-2020” Nuclear physics and elementary particle physics. Nuclear physics technologies” (book of abstracts). – Saint Petersburg, 2020. – P. 276.