

Серeda Юрий Михайлович,

(Сектор №5 динамика взаимодействия тяжелых ядер, деление тяжелых и сверхтяжелых ядер, Группа №2 установка КОМБАС, начальник группы)

Список научных работ

за период с 2019 по 2024гг

1. Break-up reactions of ${}^6\text{Li}$, ${}^7\text{Be}$ and ${}^8\text{B}$. *T. Issatayev, S.M. Lukyanov, Yu.M. Sereda, A.G. Artukh, D. Aznabayev, C. Borcea, S. Calinescu, B. Erdemchimeg, B.M. Hue, A.M. Kabyshev, S.A. Klygin, G.A. Kononenko, K.A. Kuterbekov, K. Mendibayev, V.V. Ostashko, Y.E. Penionzhkevich, F. Rotaru, T.D. Thiep, A.N. Vorontsov*, Eurasian Journal of Physics and Functional Materials, ISSN:2522-9869, eISSN:2616-8537, 124-133, 2019
2. Total reaction cross sections of neutron-rich light nuclei measured by the COMBAS fragment-separator, *B. Erdemchimeg, A.G. Artukh, S. Davaa, B.M. Hue, T. Isataev, S.A. Klygin, G.A. Kononenko, G. Khuukhenkhuu, S.M. Lukyanov, T.I. Mikhailova, V.A. Maslov, K. Mendibaev, Yu.M. Sereda, Yu.E. Penionzhkevich, A.N. Vorontsov*, Journal of Physics Conference Series, Изд:ИОР, UK, 1390, 012005, 1-4, 2019
3. Analysis of velocity distributions in projectile fragmentation reactions of ${}^{18}\text{O}$ ions on ${}^9\text{Be}$ and ${}^{181}\text{Ta}$ targets at 35A MeV, *B. Erdemchimeg, A.G. Artukh, S.A. Klygin, G.A. Kononenko, Yu.M. Sereda, A.N. Vorontsov and T.I. Mikhailova*, Journal of Physics Conference Series, Изд:ИОР, UK, 1690, 012033, 2020
4. Multinucleon Transmissions in ${}^{18}\text{O}(35\text{ MeV/Nucleon}) + {}^{181}\text{Ta}({}^9\text{Be})$ Reactions. *A.G. Artyukh, A.N. Vorontsov, S.A. Klygin, G.A. Kononenko, Yu.M. Sereda, B. Erdemchimeg*, Physics of Particles and Nuclei Letters 18, 19–26 (2021).
5. Isotope and Velocity Distributions in Projectile Fragmentation Reactions at Fermi Energies. *B. Erdemchimeg, A.G. Artukh, S.A. Klygin, G.A. Kononenko, Yu.M. Sereda, A.N. Vorontsov, T.I. Mikhailova*, Bulletin of the Russian Academy of Sciences: Physics 85, 1457–1465 (2021).
6. Investigation of Production of Forward-Angle Fragments in the ${}^{22}\text{Ne}(42\text{ MeV/Nucleon}) + \text{Be/Ta}$ Nuclear Reactions. *B. Erdemchimeg, A.G. Artukh, S.A. Klygin, G.A. Kononenko, T.I. Mikhailova, Yu.M. Sereda, A.N. Vorontsov*, Bulletin of the Russian Academy of Sciences: Physics. 86, 1400–1405 (2022)
7. Velocity Distributions of Forward Moving Fragments in Heavy-Ion Collisions at Fermi Energies. *T.I. Mikhailova, B. Erdemchimeg, Yu.M. Sereda*, Moscow University Physics Bulletin 78, 31–38 (2023)

8. Precision High-Voltage Sources for Nuclear Radiation Detectors on a Standard Industrial Transformer. *A.G. Artyukh, G.A. Kononenko, A.V. Salamatin, Yu.M. Sereda*, *Instruments and Experimental Techniques* 66, 376–380 (2023)
9. Some Regularities in the Forward Angle Yields of Isotopes with $8 < Z < 20$ in the Reaction of ^{40}Ar (36.5A MeV) with ^9Be . *B. Erdemchimeg, S.A. Klygin, G.A. Kononenko, T.I. Mikhailova, Yu. M. Sereda, A.N. Vorontsov*, *Bulletin of the Russian Academy of Sciences: Physics* 87, 1232–1237 (2023).
10. Velocity and Isotope Distributions of Projectile-Like Fragments in Reaction $^{40}\text{Ar}(36.5\text{A MeV}) + ^9\text{Be}$. *T.I. Mikhailova, B. Erdemchimeg, S.A. Klygin, G.A. Kononenko, Yu.M. Sereda, A.N. Vorontsov*, *Physics of Atomic Nuclei* 86, 458–464 (2023)