

[1] I.A. Muzalevskii, N.B. Shulgina, S.G. Belogurov, A.A. Bezbakh, V. Chudoba, A.S. Fomichev, L.V. Grigorenko, A.V. Gorshkov, S.A. Krupko, E.Yu. Nikolskii, M. Khirk, S.I. Sidorchuk, P.G. Sharov, R.S. Slepnev, S.V. Stepantsov, G.M. Ter-Akopian,
“Population of tetraneutron continuum in reactions of ^8He on deuterium”,
Submitted to Physics Letters B (2024).
<http://arxiv.org/abs/2312.17354>

[2] A. A. Bezbakh, V. Chudoba, S. A. Krupko, S. G. Belogurov, D. Biare, A. S. Fomichev, E. M. Gazeeva, A. V. Gorshkov, L. V. Grigorenko, G. Kaminski, O. A. Kiselev, D. A. Kostyleva, M. Y. Kozlov, B. Mauyey, I. Mukha, I. A. Muzalevskii, E. Y. Nikolskii, Y. L. Parfenova, W. Piatek, A. M. Quynh, V. N. Schetinin, A. Serikov, S. I. Sidorchuk, P. G. Sharov, R. S. Slepnev, S. V. Stepantsov, A. Swiercz, P. Szymkiewicz, G. M. Ter-Akopian, R. Wolski, B. Zalewski, M. V. Zhukov,
“Evidence for the First Excited State of ^7H ”,
Physical Review Letters 124 (2020), 022502.
<https://doi.org/10.1103/PhysRevLett.124.022502>

[3] I.A. Muzalevskii, V. Chudoba, S.G. Belogurov, D. Biare A.A. Bezbakh, A.S. Fomichev, S.A. Krupko, E.M. Gazeeva, M.S. Golovkov, A.V. Gorshkov, L.V. Grigorenko, G. Kaminski, O. Kiselev, D.A. Kostyleva, M.Y. Kozlov, B. Mauyey, I. Mukha, E.Yu. Nikolskii, Yu.L. Parfenova, W. Piatek, A.M. Quynh, V.N. Schetinin, A. Serikov, S.I. Sidorchuk, P.G. Sharov, R.S. Slepnev, S.V. Stepantsov, A. Swiercz, P. Szymkiewicz, G.M. Ter-Akopian, R. Wolski, and B. Zalewski,
“Detection of the low energy recoil ^3He in the reaction $^2\text{H}(^8\text{He}, ^3\text{He})^7\text{H}$ ”,
Bulletin of the Russian Academy of Sciences: Physics 84 (2020), 500–504.
<https://doi.org/10.3103/S106287382004019X>

[4] I. A. Muzalevskii, A. A. Bezbakh, E. Yu. Nikolskii, V. Chudoba, S. A. Krupko, S. G. Belogurov, D. Biare, A. S. Fomichev, E. M. Gazeeva, A. V. Gorshkov, L. V. Grigorenko, G. Kaminski, O. Kiselev, D. A. Kostyleva, M. Yu. Kozlov, B. Mauyey, I. Mukha, Yu. L. Parfenova, W. Piatek, A. M. Quynh, V. N. Schetinin, A. Serikov, S. I. Sidorchuk, P. G. Sharov, N. B. Shulgina, R. S. Slepnev, S. V. Stepantsov, A. Swiercz, P. Szymkiewicz, G. M. Ter-Akopian, R. Wolski, B. Zalewski, and M. V. Zhukov,
“Resonant states in ^7H : Experimental studies of the $^2\text{H}(^8\text{He}, ^3\text{He})$ reaction”,
Physical Review C 103 (2021), 044313.
<https://doi.org/10.1103/PhysRevC.103.044313>

[5] E. Yu. Nikolskii, I. A. Muzalevskii, A. A. Bezbakh, V. Chudoba, S. A. Krupko, S. G. Belogurov, D. Biare, A. S. Fomichev, E. M. Gazeeva, A. V. Gorshkov, L. V. Grigorenko, G. Kaminski, M. Khirk, O. Kiselev, D. A. Kostyleva, M. Yu. Kozlov, B. Mauyey, I. Mukha, Yu. L. Parfenova, W. Piatek, A. M. Quynh, V. N. Schetinin, A. Serikov, S. I. Sidorchuk, P. G. Sharov, N. B. Shulgina, R. S. Slepnev, S. V. Stepantsov, A. Swiercz, P. Szymkiewicz, G. M. Ter-Akopian, R. Wolski, B. Zalewski, and M. V. Zhukov.
“ ^6H states studied in the $^2\text{H}(^8\text{He}, ^4\text{He})$ reaction and evidence of an extremely correlated character of the ^5H ground state”,
Physical Review C 105 (2022), 064605.
<https://doi.org/10.1103/PhysRevC.105.064605>

[6] I. A. Muzalevskii, A. A. Bezbakh, E. Y. Nikolskii, V. Chudoba, A. M. Abakumov, S. A. Krupko, S. G. Belogurov, D. Biare, A. S. Fomichev, E. M. Gazeeva, A. V. Gorshkov, L. V. Grigorenko, G. Kaminski, O. Kiselev, D. A. Kostyleva, B. Mauyey, I. Mukha, A. M. Quynh, S. I. Sidorchuk, N. B. Shulgina, R. S. Slepnev, A. Swiercz, G. M. Ter-Akopian, R. Wolski, M. V. Zhukov,

“Interfering reaction channels observed in the ${}^2\text{H}({}^8\text{He}, {}^4\text{He}){}^6\text{H}$ reaction studies”,
EPJ Web of Conferences 290 (2023), 09001.
<https://doi.org/10.1051/epjconf/202329009001>

[7] E. Nikolskii, I. Muzalevskii, S. Krupko, A. Bezbakh, V. Chudoba, S. Belogurov, D. Biare, A. Fomichev, E. Gazeeva, A. Gorshkov, L. Grigorenko, G. Kaminski, M. Khirk, O. Kiselev, D. Kostyleva, M. Kozlov, B. Mauyey, I. Mukha, Y. Parfenova, A. Quynh, V. Schetinin, A. Serikov, S. Sidorchuk, P. Sharov, R. Slepnev, S. Stepansov, A. Swiercz, G. Ter-Akopian, R. Wolski, M. Zhukov.

“Study of proton and deuteron pickup reactions ($\text{d}, {}^3\text{He}$), ($\text{d}, {}^4\text{He}$) with ${}^8\text{He}$ and ${}^{10}\text{Be}$ radioactive beams at ACCULINNA-2 fragment separator”.

Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms 541 (2023), 121–125.

<https://doi.org/10.1016/j.nimb.2023.05.043>

[8] A. A. Bezbakh, S. G. Belogurov, V. Chudoba, A. S. Fomichev, A. V. Gorshkov, L. V. Grigorenko, G. Kaminski, M. S. Khirk, A. G. Knyazev, S. A. Krupko, B. Mauyey, I. A. Muzalevskii, E. Yu. Nikolskii, A. M. Quynh, P. G. Sharov, R. S. Slepnev, S. V. Stepansov, G. M. Ter-Akopian, R. Wolski,
“Detector Array for the ${}^7\text{H}$ Nucleus Multi-Neutron Decay Study”,
Phys. Part. Nuclei Lett. 20 (2023), 629–636.

<https://doi.org/10.1134/S154747712304009X>

[9] A. A. Bezbakh, M. S. Golovkov, A. S. Denikin, R. Wolski, S. G. Belogurov, D. Biare, V. Chudoba, A.S. Fomichev, E. M. Gazeeva, A. V. Gorshkov, G. Kaminski, B. R. Khamidullin, M. Khirk, S.A. Krupko, B. Mauyey, I. A. Muzalevskii, W. Piatek, A. M. Quynh, S. I. Sidorchuk, R. S. Slepnev, A. Swiercz, G. M. Ter-Akopian, B. Zalewski,
“Properties of the ${}^7\text{He}$ ground state studied by the ${}^6\text{He}(\text{d}, \text{p}){}^7\text{He}$ reaction”,
International Journal of Modern Physics E, 2023.

<https://doi.org/10.1142/S0218301324500022>

[10] I. Mardor, S. Ayet San Andres, T. Dickel, D. Amanbayev, S. Beck, J. Bergmann, H. Geissel, L. Gröf, E. Haettner, C. Hornung, N. Kalantar-Nayestanaki, G. Kripko-Koncz, I. Miskun, A. Mollaebrahimi, W. R. Plaß, C. Scheidenberger, H. Weick, Soumya Bagchi, D. L. Balabanski, A. A. Bezbakh, Z. Brencic, O. Charviakova, V. Chudoba, Paul Constantin, M. Dehghan, A. S. Fomichev, L. V. Grigorenko, O. Hall, M. N. Harakeh, J.-P. Hucka, A. Kankainen, O. Kiselev, R. Knöbel, D. A. Kostyleva, S. A. Krupko, N. Kurkova, N. Kuzminchuk, I. Mukha, I. A. Muzalevskii, D. Nichita, C. Nociforo, Z. Patyk, M. Pfützner, S. Pietri, S. Purushothaman, M. P. Reiter, H. Roesch, F. Schirru, P. G. Sharov, A. Spataru, G. Stanic, A. State, Y. K. Tanaka, M. Vencelj, M. I. Yavor, J. Zhao,
“Mass measurements of As, Se, and Br nuclei, and their implication on the proton-neutron interaction strength toward the $\text{N} = \text{Z}$ line”,
Physical Review C 103 (2021), 034319,

<https://doi.org/10.1103/PhysRevC.103.034319>

[11] A. A. Bezbakh, S. G. Belogurov, D. Biare, V. Chudoba, A. S. Fomichev, E. M. Gazeeva, M. S. Golovkov, A. V. Gorshkov, G. Kaminski, S. A. Krupko, B. Mauyey, I. A. Muzalevskii, E. Yu. Nikolskii, Yu. L. Parfenova, W. Piatek, A. M. Quynh, A. Serikov, S. I. Sidorchuk, P. G. Sharov, R. S. Slepnev, S. V Stepansov, A. Swiercz, P. Szymkiewicz, G. M. Ter-Akopian, R. Wolski, B. Zalewski
“Study of ${}^{10}\text{Li}$ Low Energy Spectrum in the ${}^2\text{H}({}^9\text{Li}, \text{p})$ Reaction”,
Bulletin of the Russian Academy of Sciences: Physics 84 (2020), 491–494.

<https://doi.org/10.3103/S1062873820040048>

[12] A. S. Fomichev, A. A. Bezbakh S. G. Belogurov, R. Wolski, E. M. Gazeeva, A. V. Gorshkov, L. V. Grigorenko, B. Zalewski, f. G. Kaminski, S. A. Krupko, I. A. Muzalevskii, E. Yu. Nikolskii, Yu. L. Parfenova, S. I. Sidorchuk, R. S. Slepnev, G. M. Ter-Akopian, V. Chudoba, P. G. Sharov, “The First Experiments with the New ACCULINNA-2 Fragment Separator”, Bulletin of the Russian Academy of Sciences: Physics 83 (2019), 385–391.
<https://doi.org/10.3103/S1062873819040105>

[13] G. Kaminski, B. Zalewski, S.G. Belogurov, A.A. Bezbakh, D. Biare, V. Chudoba, A.S. Fomichev, E.M. Gazeeva, M.S. Golovkov, A.V. Gorshkov, L.V. Grigorenko, D.A. Kostyleva, S.A. Krupko, I.A. Muzalevskii, E.Yu. Nikolskii, Yu.L. Parfenova, P. Plucinski, A.M. Quynh, A. Serikov, S.I. Sidorchuk, R.S. Slepnev, P.G. Sharov, P. Szymkiewicz, A. Swiercz, S.V. Stepansov, G.M. Ter-Akopian, R. Wolski,
“Status of the new fragment separator ACCULINNA-2 and first experiments”, Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms 463 (2020), 504-507.
<https://doi.org/10.1016/j.nimb.2019.03.042>

[14] A.V. Gorshkov, S.G. Belogurov, A.A. Bezbakh, D. Biare, W. Beekman, V. Chudoba, A.S. Fomichev, M.S. Golovkov, E.M. Gazeeva, L.V. Grigorenko, G. Kaminski, S.A. Krupko, B. Mauyey, I.A. Muzalevskii, E.Yu. Nikolskii, Yu.L. Parfenova, A. Serikov, S.I. Sidorchuk, R.S. Slepnev, P.G. Sharov, G.M. Ter-Akopian, R. Wolski, B. Zalewski,
“Current status of the new fragment separator ACCULINNA-2 and the first-day experiments”, Eurasian journal of physics and functional materials 3(1) (2019), 46-52.
<https://doi.org/10.29317/ejpfm.2019030106>