

## Development of EXFOR-Editor software package to input information on nuclear reactions into the EXFOR library

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Compilation of experimental data on nuclear reactions for the International library EXFOR is a priority for the Center of Nuclear Physics Data at RFNC-VNIIEF [1]. For this purpose there has been designed and now is actively developed the EXFOR-Editor software package [2]. It is used in the leading data centers on nuclear reactions (USA, India, China, Japan etc). Elaborate structure, variety of features and user-friendly interface are the advantages of EXFOR-Editor. The core of the package is a multifunctional editor providing the creation of experimental data set in a special format to enter it to the EXFOR library.

New mode of data processing in EXFOR-Editor –creation of the exchange file Trans to transmit into the EXFOR library is presented. Procedures of Trans checking for EXFOR format compliance are described.

1. G.N. Pikulina et al., Vopr. At. Nauk. F.Reak. 4, 158 (2018).
2. G.N. Pikulina et al., J.Nucl. Sci. Techn. 61, 146 (2024).

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