

Center of Nuclear Physics Data (CNPD), RFNC-VNIIEF

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Twelve final files TRANS.F088, TRANS.F089, TRANS.F090, TRANS.F091, TRANS.F092, TRANS.F093, TRANS.F094, TRANS.F099, TRANS.A100, TRANS.A101, TRANS.A102 and TRANS.A103 have been submitted for the EXFOR data library within the last period. Files with letter “A” include revised entries only. Files with letter “F” include both new and revised entries.

Recently particular attention has been paid to the compilation of new articles. Data compilation was carried out in close cooperation with the authors. All new entries in our last TRANS file were approved by authors. In general 25 new entries were prepared for the Exfor.

SoftwareEXFOR-Editor

Development of EXFOR-Editor - 4.01 has been continued. In the last version there is a possibility of keeping the author’s formatting of text information (without deleting of unwanted spaces). For this purpose the “User’s Format” option in the “Text Input Regime” group-box is used. Text will be inserted without any transformation. This option is available for all keywords.

One more innovation is the possibility of footnote automatic deleting when entering or editing authors list in a dialog window. It is useful in case you copy information from pdf file.

Update of Dictionaries and checking codes (CHEX and JANIS TRANS Checker) is being carried out on continuing basis.

General

G. Pikulina, S. Selyankina and S. Taova took part in the Workshop on Compilation of Experimental Nuclear Reaction Data (December, 12-16, 2022). G. Pikulina and S. Taova prepared a report “On new features of the Exfor-Editor”. The mode of entering data on neutron spectra with a keyword SUPPL-INF (Supplemental Information) and the one of processing the exchanged file TRANS to transfer the compiled experimental data into NDS were demonstrated.

Scanning of journals “Izvestiya Akademii Nauk” and “Yadernaya Fizika” is being performed regularly to reveal articles relevant to be compiled to Exfor library. The reports on scanning results are submitted to the NDS, IAEA.