

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

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Compilation.

This year 2 transmission tapes (TRANS F013, F014) were sent including new and corrected entries.

Experimental data compilation and checking have been made using Windows operating system with the help of the own software and NNDC and CAJaD checking codes as well.

Collaboration.

We worked in collaboration with the NNDC. CNPD digitizes data produced in the US and Canada for entries with mark "C" and "T".

Our CRDF project started at March, 8. In collaboration with NNDC we shall review and evaluate alpha-induced cross sections for nuclei with $8 \leq Z \leq 32$ and $E_{c.m.} \leq 20$ MeV. At the first quarter we started a search of reports including experimental measurements of α -induced reactions in the available literature. NNDC-partner performed the search of experimental reports on α -induced reactions on oxygen included into NSR (International Nuclear Science Reference) They found 80 references. Having analyzed the references we found that only 14 of them are in the EXFOR (International data base for experimental data). According to the agreement between the data centers we asked other centers about their compilation plans concerning reports.

Finally, we reached an agreement that we'll compile 59 reports.

In the most of these references the data are present only on figures. We are unable to acquire the actual data because the experiments were done several years ago and authors didn't keep these data. We started the process of scanning curves from figures. There is a lot of figures in reports. Now we finished compilation of 15 entries. 12 references we didn't find on our shells and we'll receive them next month from NNDC. The data on a diskette was transmitted by NPDC to the NNDC for entry into the EXFOR data library.

Our ISTC project is at the stage of approval. The Governing Board agreed to convene an Executive Session meeting in Moscow on 30 June 2003. During July, the ISTC Funding Parties will hold an electronic Project Funding Session. We hope on the best. We asked Akira Hasegawa and Charlie Dunford to facilitate the process of the project advance.

As you remember, the objective of this project is to create an integrated relational base (IRBD) of data on nuclear reactions, to fill it with data from the libraries EXFOR/CSISRS, NSR, specialized PNI library, science and engineering journals and other similar information sources. We plan to fulfill this work in collaboration with other Russian centers.

Software.

Before, our software was divided into two parts. One was installed at PC with

WINDOWS-98 operating system, another at the Alpha-station with Open VMS operating system. Unfortunately, our Alpha-station stopped and now we use only WINDOWS2000 (and upper) operating system. We were forced to upgrate and to install the whole software on PC with WINDOWS2000 operating system.

New software for digitizing curves was installed. Unfortunately, there are a few mistakes in the old version.

The EXFOR data were input to the NDX system. Now NDX includes all international nuclear data libraries excluding NSR and CINDA.