

Ukrainian Nuclear Data Center (UNDC)

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During the last year the Ukrainian Nuclear Data Centre has performed following activities:

1.EXFOR Compilation activities.

Two neutron data compilations were made, one of them was transferred to the NDC, another one will be given during the NRDC meeting. Besides, one Subentry was added to the Entry with access number 41012.

Last year UNDC began to compile the experimental data for charged particles. Three works were transmitted to the NDC, two works will be brought to the NRDC meeting. There were found twenty four experimental works on charged particles made by Ukrainian scientists. They will be compiled during the next year.

Three works on photo-nuclear data were compiled. Two of them were included to the EXFOR database, the last one will be given to NDC during the meeting

2.Calculations on nuclear data libraries

The UNDC prepares the calculations of cross-sections and other functionals on the ENDF database on requests from scientific organizations in the Ukraine. During the last year about 20 calculations were performed.

3. Computer and software matters. WEB-site service.

During the last year the large efforts were made for improvement of the Internet Web-site of Ukraine Nuclear Data Center (www.ukrndc.kinr.kiev.ua).