Nuclear Data Section
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Memo CP-D/492

Date: 5 October 2007
To: Distribution
From: S.Dunaeva

Subject: Procedure for creation CINDA reference

In April 2005 on the special meeting on CINDA the algorithm for the import of information from EXFOR to new CINDA (extended by charged particles, photo-nuclear and missing neutron reaction data), was discussed in details.

A major result was that the final "new CINDA" file, partly generated by conversion from EXFOR, which based on the new common EXFOR master file.

Started from 2005 "new CINDA" is based on the EXFOR Master file contents.

As it can be seen from our EXFOR control Webpage, the time which compiler needs to include new publication in EXFOR can be very different. And sometimes it is impossible to create EXFOR Entry, because it is impossible to get data (author didn't send data and data cannot be digitized from the figures).

But CINDA is very unique database of reaction references.

We suggest:

1. at the same time with registration reference in EXFOR control database create "dummy" EXFOR entry, which contains information needed for CINDA database:

- Reaction code

- Laboratory

- Reference

- Title

- Authors

Two examples can be found below.

2. every Monday with same time of updating EXFOR control database send a set of "dummy" EXFOR files to responsible center;

3. responsible center checks "dummy" EXFOR files and sends final to NDS in two-three weeks;

4. NDS updates CINDA every month according to EXFOR and "dummy" EXFOR files even if there is no response from the center.

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