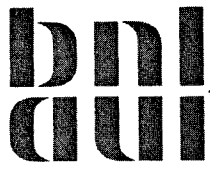


3 EXFOR



BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.

Upton, Long Island, New York 11973

National Nuclear Data Center
Bldg. 197D

(516) 282-2901, 2902
FTS 666

4C-1/181

DATE: August 11, 1986
TO: Distribution
FROM: V. McLane *mm*
SUBJECT: Institute for Experimental Data

We are recently coming across many data sets which have been measured at one laboratory, subsequently analyzed at another laboratory, and published as a joint effort of both institutions.

An example is the data taken by Macklin at ORNL and analyzed at A.A.E.C. Research Establishment. These have been entered into EXFOR by NDS with AUA as the first laboratory and are indexed in CINDA as data of AUA. This is misleading since the research was funded by the U.S.A.

For the Book of Curves the data will appear as ORNL data.

We suggest that in the future, for such collaborations, using the above as an example, the data be compiled by NNDC and the resonance parameters by NDS. They may be linked with the status "COREL".

For the older data sets, the cross section data in CINDA should be entered under the laboratory at which the experiment was done and that laboratory should be given as the first laboratory for the EXFOR data, regardless of who has compiled the data. The resonance parameters may be entered under the laboratory where the analysis was done.

This will avoid a lot of confusion and duplication.

Similarly, there have been joint publications presenting the results of more than one experiment done at different laboratories. In this case, if the laboratories are from different areas, the data can be compiled in different data sets, by the area responsible for each facility. This has already been done in some cases.

VM:lg

- cc. Arcilla*
- Cullen*
- Gandarias*
- Goulo*

- Lammes*
- Lemuel*
- Obanoto*
- Ohlmeuwie*
- Schmidt*
- Schweser*

Feito

Sol Pearlstein