

WP 2005-7

**NATIONAL NUCLEAR DATA CENTER
Bldg. 197D
Brookhaven National Laboratory
P. O. Box 5000
Upton, NY 11973-5000 U.S.A.**

Telephone: (516)344-5096
FAX: (516)344-2806

Memo CP-C/364.

DATE: September 26, 2005
TO: Distribution
FROM: D. Rochman
SUBJECT: Publication based on experimental data from the EXFOR database

Dear all,

I would like in the following to discuss the idea of a publication based on compilations from the EXFOR database. This memo is in preparation of the 2005 NRDC meeting.

We had in mind, for instance, to publish the state of the knowledge on experimental results for ^{235}U neutron induced cross sections and to point out some weaknesses. We think that compilers are in a good position to do so. There are many advantages to do it. First one will be to test what is in EXFOR (sometimes errors are difficult to find) and to add what is missing (for instance compared to CINDA), it is a sort of quality insurance. Another advantage will be to present what is known at a given date. It can be used later to justify a measurement project. Furthermore, it will be good for compilers to have publications and to be known in the experimental/management community. This is not a short-term project and lot of effort and time would be needed.

It would be useful to discuss this matter at our next NRDC meeting.

Best regards,

Dimitri