

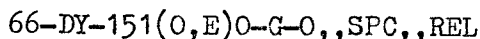
1980-04-24

To: Distribution

From: *Lemmel O. Schwerer*
H. D. Lemmel and O. Schwerer

Subject: EXFOR entry 40427 (TRANS-4037)
containing decay data

In this Exfor entry (40427.002, being the only subentry) the reaction



is given which is illegal and causes several error messages in the check program. Since the reference given (77Tashkent) is not available to us we could not check what exact type of data is meant (supposedly a decay gamma spectrum).

Although such data may be useful they should not be compiled in regular Exfor since it is decay data rather than nuclear reaction data.

If the transmission of these data indicates that CJD intends to compile decay-gamma spectra more regularly, we would suggest direct contacts between CJD and NNDC. Within the network system for nuclear structure and decay data (NSDD) such decay-gamma spectra are sent to NNDC where they are made available to the appropriate data evaluators for inclusion in ENSDF. The transmission of such data to NNDC can be in any format.

If CJD prefers, an EXFOR format would be suitable for the transmission of such data, but in this case it should be kept separate from the normal EXFOR transmission of neutron reaction data. According to the Karlsruhe agreements, a separate series of accession-numbers would be required, e.g. starting with Z0001.

In this connection it should be noted that gamma spectra following neutron capture or other neutron interactions continue to be within the scope of regular EXFOR, from where they are extracted, when appropriate, for ENSDF.

Clearance: J.J. Schmidt

Whitman

Distribution:

- 1. S. Pearlstein, NNDC
- 2. N. Tubbs, NEA-DB
- 4. V.N. Manokhin, CJD

- NDS: D. Cullen
- N. DayDay
- H. Hendrickson
- M. Lammer
- H.D. Lemmel
- K. Okamoto
- J.J. Schmidt
- O. Schwerer
- M. Seits
- 3 spare copies