

9 November 1982

To: Distribution

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

Subject: TRANS-MOO2 and new codes used therein

I. We have received TRANS-MOO2 and are sending out a version corrected by NDS to the other centres. A detailed error list is being sent to the originating centre.

II. We noted that in TRANS-MOO2 several new codes were used.

1. The information-identifier keyword SOURCE is used throughout this tape in place of N-SOURCE. We understand that N-SOURCE is inappropriate for non-neutron data but changed SOURCE to INC-SOURCE for better intelligibility. This means that we will introduce the keyword INC-SOURCE in Dictionary 2 for use for non-neutron data. This does not affect the use of N-SOURCE for neutron data.

2. The isomer extension -MF is used in entry MOO18 for fission isomers. The introduction of a special isomer extension code for fission isomers had already been proposed in 1979 but was withdrawn after careful consideration at the 4th NRDC meeting in Karlsruhe, October 1979 (see INDC(NDS)-110, EXFOR conclusion 16). Therefore the normal isomer extension -M has to be used, supplemented by a DECAY-DATA entry, e.g.

DECAY-DATA (95-AM-240-M,,SF)

and possibly some free text.

3. For N-SOURCE resp. INC-SOURCE the code (BRST) is used throughout the tape. We will include this in Dict. 19 with the expansion (BREMSSTRAHLUNG).

4. In entries MOO07 and MOO08 the institute code 4CCPSAR is used. Explanation of this code is requested from CDFE.

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