Memo 4C-3/205

To: Distribution

2 May 1977

From: H.D. Lemmel Lemmel

Subject: Errors in TRANS 4027 and 4028

We received the TRANS tapes 4027 and 4028 but have serious diffi-culties with processing them due to a number of errors which should have been caught in a check program.

1. Frequently, under REFERENCE, the reference date is not correct, sometimes it is missing. If the month is not known, the year alone should be entered instead of 7600.

        See entries   40280.001
                       40402.001
                       40403.001   in TRANS 4027

        and   40412.001
                       40469.001   in TRANS 4028.

2. Many keywords have been spelt incorrectly:

        CORRECTION   in   40280.001
        DATA-EER   in   40307.006   in TRANS 4027, and
        MICS-COL   in   40398.002
        E instead of EN in 40430.004   line 7
        NOCMMON   in   40434.003   in TRANS 4028.

3. Decimal points are missing in data tables:

        40280.003 line 572
        40437.002 lines 52 and 64 in TRANS 4027, and
        40398.002 line 26 in TRANS 4028.

        (continued page 2)

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4. Column headings are incorrect:

TRANS 4027:

40289, all subentries in COMMON: headings and units are inverted.

TRANS 4028:

40395.003: the pointers in the COMMON and DATA headings are not sitting in col.11 where they should be.

40431.002: the column FLAG should have the unit NO-DIM.

5. Energy values are wrong or out of order:

40441.003
40442.002 line 28   in TRANS 4027, and
40430.004 line 1354
40435.002 and .003 (EN-MIN is occasionally larger
    than EN-MAX)   in TRANS 4028.

6. Wrong quantity codes are in

TRANS 4027:

40441. and 40442., where it should read NG,SPC,REL
40444.002 where it should probably read NG,SPC/DA,SPA/REL

TRANS 4028:

40395.004 where it should probably read NF,DA,REL,FF .

7. The isotope number 209 should be added to the target nucleus in

40307.010 and .011 in TRANS 4027.

8. Disturbing opening parentheses in col.12 of the BIB section exist in TRANS 4028 in

40389.003 lines 7 and 9
40408.002 and .003 in line 9
40412.006 line 8 and .008 line 9.

9. N1 in the BIB record is wrong in TRANS 4028 in

40412.001
40434.001.