

Memo CP-D/202

12 January 1990

To: Distribution

From: O. Schwerer *O. Schwerer*

Subject: Comments on TRANS-A022 and L003;
report code from Hamburg University

Please find enclosed our comments on TRANS A022 and L003.

Entry A0399 contains a report code HH87-01 for data from Hamburg University. We could not find such reports, but there is a report series HH-IEP- (Institut für Experimentalphysik, Univ. Hamburg, reports) of which a report HH-IEP-88-01 exists in the IAEA library. CAJad is asked to verify whether HH-IEP- is the correct code and to correct entry A0399; we will then update dictionary 6 accordingly.

Clearance: J.J. *J.J. Schmidt* Schmidt

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#3067N

Comments on TRANS A022

| Entry | Subent | Line(s) | Comment |
|-----------------|--------|---------|---|
| A0100 | 1 | 5 | Omit author's initial for thesis |
| | 2 | 6 |) |
| | 3 | 7 |) |
| | 5 | 10 |) |
| | 8,9 | 4 |) delete isomer extension -M+G (for total isomeric sum, no extension should be given) |
| | 10 | 7 |) |
| | 11 | 5,6 |) |
| | 12 | 9 |) |
| | 8 | 15 | 7th heading should be DATA 3 |
| | 11 | 2 | N1 = 3 |
| | | 112 | delete this empty data line |
| | A0394 | 1 | 7,8 |
| 4,5 | | 4 | 38-Sr-83 requires isomeric state code |
| 8,9 | | 4 | 37-RB-84 " " " " |
| 2-11 | | | DECAY DATA should contain at least the half life. Nuclide alone is not useful. |
| <u>A0399 *)</u> | 1 | 8 | report code HH87 - unknown, see top of this memo |
| | | 12 | HISTORY dates out of order |
| | 5,10 | 17 | <u>5th heading should be ERR-S 2</u> |
| | 15 | 133,134 | <u>data line repeated</u> |
| A0402 | 3,4 | | REACTION SF3 contains exotic nuclides (not shown on 1981 chart of nuclides) 44-RU-117 and 44-RU-114. The Exfor entry does not mention that these nuclei were actually detected, perhaps other channels are involved? Should these subentries be coded with SF3 = X? (For time being, we do not include these nuclei in dictionary 27) |
| | 7 | 37 | MASS should probably be = 92. |
| A0403 | 2 | 3 | delete IND from SF5 |

Comments on TRANS L003

| Entry | Subent | Line(s) | Comment |
|----------|--------|---------|--|
| L006 *) | 10 | 3 | REACTION subfields 3 and 4 inconsistent (SF4 = 29-CU-63?) |
| L0011 *) | 2 | 31-52 | invalid numerical data in DATA-ERR field. Probably '1' in col. 30 to be deleted. |

*) Retransmission requested