

Memo 4C-3/375

September 19, 1994

To: Distribution

From: O. Schwerer

Subject: **Comments on TRANS 1258 and 4095**

Please find below our comments on TRANS 1258 and TRANS 4095. We have no comments on TRANS 1257.

TRANS 1258

Entry 10002: For the new subentries 33-41, the HISTORY entry is incorrect.

Distribution:

M.R. Bhat, NNDC
N. Tubbs, NEA-DB
V.N. Manokhin, CJD
V. McLane, NNDC
H.D. Lemmel

NDS: R. Arcilla
S. Ganesan
M. Lammer

P. Oblozinsky
A. Pashchenko
O. Schwerer
H. Wienke
3 spare copies

TRANS 4095

- Replace all occurrences of country code 4CCP by appropriate new code (4RUS or 4KAS).
- Add modifier 'SPA' to REACTION SF8 in all subentries of entries 41135, 41136, and 41140.
- 40389: Deletion of subentry 19 was requested in memo 4C-3/369. **Retransmission requested.**
- 41042: REACTION coding does not accurately reflect quantities measured. New way of coding will be proposed in an **upcoming CP memo by M. Lammer.** (This will imply **retransmission of this entry** after discussion of this memo.)
- 41139: **(Retransmission requested)**

Subentry 1; line 7: date should be 93 09

Subentry 2: We believe that the reaction should be coded

((95-AM-241(N,N+F),,SIG)/
(95-AM-241(N,F),,SIG)

with an entry under DECAY-DATA referring to the spontaneously fissioning isomer:

DECAY DATA (95-AM-241-M,1.2 MICROSEC,SF)

To code the reaction in the numerator of the ratio as (N,INL) is not accurate because not the total inelastic cross section is measured but only the branch followed by fission. A similar case by the same authors (for another isotope) is discussed in detail in the upcoming memo by M. Lammer mentioned above.

Subentry 3; line 3: The isomer extension -M for the target nucleus should probably be deleted (if not, this should be explained in free text).

41138, all subentries: add 'PAR' to REACTION SF5 of all REACTION codes.

Subentry 5; line 4: (N,P+N) should be (N,N+P)

41141, Subentry 2; line 4: " " "