Memo 4C-3/293
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To: Distribution   **7 April 1986**

From: O. Schwerer *S. Schwerer*

                                          Clearance: J.J. Schmidt, Head
                                                    Nuclear Data Section

Subject: **TRANS 4060**

        Please find enclosed the list of comments on TRANS 4060. Errors
occuring several times were

1) **REACTION** errors: – obsolete codes PAR,SPC and PAR,DE;
                          – SF4 for resonance parameters (should not be given);
                          – redundant particle considered (SF7) for diff.
                            inelastic cs (should only be given when different
                            from incident particle);

2) repeated data lines.

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Comments on TRANS 4060

Entry	Subent(s)*	Line	Comment
40528	1	11	put issue number in parentheses
	4-7	4	delete 'PAR' in SF5
	8,9	3	delete 'PAR' in SF5
	9*)	4	N-SOURCE should be INC-SOURCE
		11	heading ANG repeated several times which is illegal; delete COMMON section and explain measurement in free text
40529	2,3	3	delete 'PAR' in SF5
40541	2-11	3	delete 'PAR' in SF5
40548	3	196,202,473	data line repeated
40592	2,3	7	delete SF4 (resonance parameter)
40596	1	26	invalid character in col. 59
	3	3,5,7,9	delete 'N' from SF7 (redundant)
	6,9,13, 15,19	3	delete 'N' from SF7 (redundant)
	6	23	data line repeated
40598	1	14,15,17,18	delete SF4
40600	1	3	TITLE: RU-103
	2	10	delete SF4
	5	6	delete SF4
40611*)	3,4,5,6		incident energy over-determined: EN-DUMMY given in subentry 1, EN-MIN, EN-MAX given in subentries 3-6. Delete EN-DUMMY in subentry 1 and add EN-MIN, EN-MAX to subentry 2, or delete EN-MIN, EN-MAX in subentries.
	4	12	EN-MIN > EN-MAX
	5	3	delete SF4
	7	4	invalid character in col. 37
40630	2-5	3	delete 'N' in SF7 (redundant)
	4	44	data line repeated
40633	2	3	delete 'PAR' in SF5
40704	2-6	3	delete 'N' in SF7
40858	7	8	pointers 4,5 have no correspondence in DATA section, should be deleted
40862	2-5		EN-MIN, EN-MAX should be moved to COMMON section (independent variable for DATA section is THICKNESS)

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*) Retransmission requested

Entry	Subent(s)*	Line	Comment
40865	1	16	invalid character in col. 54
	10,11	7	delete EN-MIN, EN-MAX because resonance energy is given as DATA. (If needed explain measurement range in free text)
40867	2		value missing in ERR-T column
40869*)	2		1) the explanation of FLAG (1.) "absolute independent yield" does not agree with REACTION (cumulative yield); these data are given anyway in subentry 3 (in different normalization?) – lines with flag 1 could probably be deleted (or be replaced by free text)
			2) data column 'ISOMER' contains no values – either add values or delete this column
40870	2	3	delete 'PAR' in SF5
40874	1	13	remove '(' in col. 12 (no coded information for INC-SPECT)

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