

Memo 4C-3/284

11 September 1985

To: Distribution

From: O. Schwerer *O Schwerer*

Subject: TRANS 1195,1196,4058

Please find enclosed our comments on TRANS 1195, 1196 and 4058.

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TRANS 1195

<u>Entry</u>	<u>Subentry</u>	<u>Line</u>	
11750	3	3 10	delete -G in SF1 heading ASSUM repeated, should probably read ASSUM-ERR
12212	3	10,11,12	delete col. 12-22 (heading DATA repeated)
12835	5	3	PAR,SIG,G,4PI should read PAR,DA,G,4PI
12866	many subentries 90,91		SF4 for MONITOR missing MONITOR: parentheses missing
12899	4	3	REACTION: parentheses missing
12909*)	1	15	MONITOR (1-H-1(N,PI)1-H-2...: Particle code PI for pions with unspecified charge was deleted from dictionaries on request (Memo CP-A/44). Please correct accordingly or use free text only.
12915	3,4	3	SF4 missing

*) Retransmission requested

TRANS 1196

<u>Entry</u>	<u>Subentry</u>	<u>Line</u>	
12830	3 5	93 48	data not monotonic data not monotonic
12877	4,5	35	blank data lines

TRANS 4058

<u>Entry</u>	<u>Subentry</u>	<u>Line</u>	
40401*)	2,3		<p>1) Illegal multiple reactions: resonance parameters mixed with Legendre coefficients. Suggest to combine resonance parameters in subentry 2 and Legendre coefficients in subentry 3.</p> <p>2) Data-type CALC used for the Leg. coeff.: were they calculated <u>from theory?</u> (If determined from experimental data, CALC should <u>not</u> be used.)</p> <p>3) REACTION SF4 should be blank for resonance parameters.</p>
40549	2	4	SF4 should be blank
	3	9	no value in data column no. 3 (error)
	4		no EN given
	5	9	units should be ARB-UNITS
40579	6	5-7	DECAY-DATA:/(slash) for multiplet not legal in abundance field. Use multiple radiation fields according to manual.
	7	11	N2=2
40597	1	35	values missing for ERR-2, ERR-3, ERR-4
40630	2-5	3	(N,INL)...,DE,N should read (N,INL)...,DE (N redundant)
		4	keyword COMMENT should rather be ANALYSIS or METHOD
40735*)	2		Illegal multiple reactions: total cross section and resonance parameters. EN is given twice (col. 1 and DATA 2). If the resonance parameters are separate results, split in 2 subentries; if they were used for analysis, give them under ASSUMED or explain in free text.
	4		Illegal multiple reactions. Resonance integral must be given in separate subentry
40739	3		Data units should be ARB-UNITS
40827	1	14	decimal point missing
40831	3	31	incomplete code for MONIT-REF. Since it refers to the same entry 40831, probably this keyword could be omitted altogether.
	4	27	invalid character in col. 58

 *) Retransmission requested

40832	1	8	Conf. code 84UPPSALA should read 84UPPSAL (being included in next dictionary update)
	3*)		data col. 6 (FLAG) contains no values
40834	2	3	probably MXW modifier missing
40839*)	2-6		illegal multiple reactions, split in several subentries
40851	2		(N,N+N) should rather be coded (N,2N) even if spectrum of second neutron is given.

*) Retransmission requested