

Memo CP-D/241

17 September 1993

To: Distribution

From: O. Schwerer *O. Schwerer*

Subject: Comments on TRANS R008

Please find attached our comments on TRANS R008. Since some centres receive this TRANS through us, we flagged those mistakes which were corrected at NDS.

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## Comments on TRANS R008

### Use of keyword RAD-DET:

When the radiation detected can be implied without ambiguity from the information under DECAY-DATA, RAD-DET need not be given. This is the case for most subentries in this TRANS. (In the cases where 2 radiation types, e.g. DG and AR, are given under DECAY-DATA, repeating them under RAD-DET has more meaning, since it emphasises that both radiation types were actually measured.)

Entry	Subent	Line(s)		Comment
R0040	1		C	BIB record: N1 = 13
	2	3,4	C	parentheses missing (( ) + ( ))
		3,4	C	add 'A' to SF8 because measured quantity is not arithmetic sum of cross sections but is weighted by the isotopic abundances of Zn-66 and Zn-67
		15	(C)	Only MISC given in DATA section but no DATA which is illegal. Either redefine as relative cross section or thick target yield, or a new EXFOR quantity has to be introduced. (In our corrected version we changed it to a relative cross section and changed MISC to DATA. If this is not a correct representation of the measured quantity, retransmission is requested.)
R0047	2		(probably supersedes P0040.004)	
R0048	2	3	C	IND in SF5 should be deleted (redundant because there is no cumulative channel)
R0049 *)	2,3,4			Illegal use of multiple reaction formalism. Multiple reactions given in the same subentry must have <b>same projectile</b> and <b>same target</b> . On the other hand, (A,N+A)48-CD-115-G and (A,N+A)48-CD-115-M could be combined in 1 subentry, and the same for HE3.

\*) Retransmission requested

C = Correction made at NDS