

28 June 1991

To: Distribution

From: O. Schwerer *O. Schwerer*

Subject: 1. Lab code 4CCPKRI
2. Comments on TRANS tapes 1242, 2130, 4082

1. Lab code 4CCPKRI

This code is used in entry 40726 (TRANS 4082). We will add it to dict. 3:

4CCPKRI Inst. Crystallography, Leningrad

CJD is asked to varify that this is the correct expansion.

2. Comments on TRANS 1242, 2130, and 4082

Please find enclosed our comments on the above TRANS tapes. Retransmission is requested only in important cases. However, it would be appreciated if all entries where improvements are suggested could be retransmitted.

J.J. Schmidt for
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Comments on TRANS 1242

Entry	Subent	Line(s)	Comment
1077			change DATA-ERR to ERR-T everywhere and delete ERR-ANALYS in subentry 1
12782			change DATA-ERR to ERR-T in subentries 2,4,6,8,10,12,14,16 and delete ERR-ANALYS in subentry 1
12892	8,9,10		change DATA-ERR to ERR-S
13194	2	3	8-0-0 should be changed to 8-0-16 (unless author states that contribution of other isotopes is significant)
13195 *)	2		heading MONIT1 given under MONITOR and MONIT-REF keywords but missing in DATA section
	3	11	heading under MONIT-REF should probably be MONIT ₂
13198			change DATA-ERR to ERR-S

Comments on TRANS-2130

Entry	Subent	Line(s)	Comment
22171 *)	1		INSTITUTE: area 2 lab (2GERKFK) should be put on first place since this was compiled as area 2 entry
	2	28)	
	3	30)	3-BE-8 should be 4-BE-8
	5	24)	
22174	1		It is not clear to me why 2 different values for the CS-138-G half-life are given under DECAY-DATA and under HALF-LIFE (HL in COMMON section), namely 33.4 min and 33.1 min, respectively.
	2	16	E-format exponents not right-adjusted within field

*) Retransmission requested.

Comments on TRANS 2130 (cont'd)

Entry	Subent	Line(s)	Comment
22179	5		Delete SEC from SF5. Quantity ,ZP by definition relates to pre-delayed neutron emission data ("most probable charge of fission <u>products</u> " - not fission fragments). Therefore, SEC,ZP is the same as ,ZP alone.
22180	3,5		ERR-T missing

Comments on TRANS-4082

Entry	Subent	Line(s)	Comment
40541 *)	2-11		1. Delete PAR from REACTION SF5 (the code PAR,SPC was made obsolete some years ago. Use just ,SPC,,REL). 2. Units inconsistent: some subentries use PER-CENT, some ARB-UNITS. Actually, the numbers should be divided by 100 and the units <u>NO-DIM</u> should be used (compare explanation in dictionary 25 which says that PER-CENT should be used only for relative errors. ARB-UNITS is not suitable because the data in each subentry are normalized to one particular gamma line.)
41026)			
41027)			
41028)	all subentries		since all these data are given for reactor neutrons, 'SPA' must be added to REACTION SF8
41031)			
41033)			
41035)			

*) Retransmission requested.