

Brockhaver Nat. Lab.

4C-1/136

DA-1324-0

Date: January 10, 1984  
From: V. McLane *VM*  
Subject: TRANS 4046, 4047, 4048

The quality of the transmission tapes 4046, 4047, and 4048 was generally good, but we still encountered a few problems. A list of comments is attached. A couple of the problems have been addressed in memos CP-C/110 and CP-C/111.

*MR/Bhat*

Mulki R. Bhat

VMcL:kah

Distribution: V. Manokhin  
J.J. Schmidt  
N. Tubbs  
NNDC (6)

INFORMATION

84/01/12

ACKNOWLEDGEMENT

ORIGINAL	<i>J. J. Schmidt</i>
COPIES	<i>1</i>
DATE	<i>1/10/84</i>
BY	<i>a a</i>
DESCRIPTION	<i>all</i>

cc. Kullen  
 Gaudasias Cous  
 Lauines  
 Lemuel  
 Obamuto  
 Oshomuvwe  
 Poonyael  
 Schaidt  
Schweser  
 Scits

df:103:1/VMcL/4c-1

002155

January 10, 1984

Comments on TRANS 4046

<u>AN</u>	<u>SAN</u>	<u>SEQ. #</u>	<u>Comments</u>
40230	1	6,7	Remove duplicate references in SAN
		16	Status code duplicated in SAN
40369	1	19	Status code duplicated in SAN
40402	2	9	Illegal keyword - should be MONITOR
	3	8	Illegal keyword - should be MONITOR
	2	16	Only particles detected in reaction for which data is given should be entered under PART-DET
	3	15	Only particles detected in reaction for which data is given should be entered under PART-DET
40505	3		Reaction would be better coded as PAR,DA,G,4PI (at the least angle of measurement should be given in free text)
*	4,5		Illegal reaction combination - see LEXFOR No angle given
40536	6	4,5	Illegal reaction SF4
	8	4,5	Illegal reaction SF4
40616	2	9-11	Add EN-NRM-MIN, EN-NRM-MAX
*	3		Illegal reaction combination
40619	5	14	Illegal pointer
40621	7-34	6	COMMENT could be put under METHOD or ANALYSIS
	34	6	Sequence # wrong - given as 16
* 40622	3,4		Energy missing
*	5		Illegal reaction combination
*	7		Illegal reaction combination
	8		Missing field heading DATA-ERR (under ERR-ANALYS in SAN1)
* Please retransmit			

Comments on TRANS 4047

<u>AN</u>	<u>SAN</u>	<u>SEQ. #</u>	<u>Comments</u>
40011	1	13	Delete obsolete code - meaningless to users
*	2,3		No secondary energy given
* 40014	2-19		Reaction probably wrong - these appear to be fitting coefficients. No secondary energy given.
	20	1	SUBENT record missing alteration code
40530	4-7	3	**Redundant REACTION specification, delete "PAR"
40535	1	14	Sequence of outgoing particles incorrect
*	2	4	Reaction coding incorrect in denominator probably (N,F),,DE,N,MXW)). Delete CALC in SF8, measured ratio
40604	1	17	Only particles detected in the reaction for which the data is given should be entered under PART-DET
40615	1	20,21	Put in SAN's to which each is relevant.
*	5		Illegal reaction combination
40625	1	9-11	Add EN-NRM to COMMON
	2	3	Delete Reaction SF7
40426	1	7	Illegal "(" in Column 12
		13	Sequence of outgoing particles incorrect

\*\* See Memo CP-C/110

\* Please retransmit

Comments on TRANS 4048

<u>AN</u>	<u>SAN</u>	<u>SEQ. #</u>	<u>Comments</u>
40059	1	8	Needs cross reference to current data
		22	Duplicate record
	3	4	Delete obsolete code - confusing to user
40375	1	19	Status code duplicated in subentries
	3		Missing data heading "DATA-ERR"-defined in SAN1
40379	1	17	Status code duplicate in subentries
40380	1	14	Status code duplicate in subentries
40381	1	18	Status code duplicate in subentries
	2		Missing data heading "DATA-ERR" defined in SAN1
40508	1	20	Angle should be specified. Data would be better coded as DA/DE,,4PI with angle in COMMON
		22	+data headings are E-MIN, E-MAX
	2-13	3	**Reaction code redundant - don't understand comment - should be ",,DE"
40512	1		79KNOK reference missing - see CINDA
		9.10	Reference codes duplicated in SAN's
40517	2-4	3	**Reaction code redundant - should be ,,DA/DE
40519	7-18	3	**Reaction code redundant - should be ,,DA/DE
40533	1	14	+Data headings E-MIN, E-MAX
	2-5	3	**Reaction code redundant - should be ,,DE- don't understand comment

\* Please retransmit  
 \*\* See Memo CP-C/110  
 + See Memo CP-C/111

January 10, 1984

Comments on TRANS 4048 (Cont'd.)

<u>AN</u>	<u>SAN</u>	<u>SEQ. #</u>	<u>Comments</u>
40590	1	10	When only 1 secondary energy given, heading should be E
	2	3	**Reaction code redundant - should be ,,DA/DE
40603	1	9	According to new dictionary update this should be coded: (J,YK,5,(49),17.8211)
	6-13	3	**Reaction code redundant - should be ,,DA/DE
40618	1	6	Issue # needs parentheses
40624	1	10	Issue # needs parentheses
		12	When only 1 secondary energy given, heading should be E
*	2	3	**Reaction code redundant - should be ,,SPC
		7	Heading E-LVL and E-LVL-ERR are not legal- only one form of each independent variable should be used - may be put under MISC Incident energy is missing
*		3	**Reaction code redundant - should be " ,,SPC" incident energy is missing

\* Please retransmit  
 \*\* See Memo CP-C/110  
 + See Memo CP-C/111