BROOKHAVEN NATIONAL LABORATORY

ASSOCIATED UNIVERSITIES, INC.

Upton, Long Island, New York 11973

National Nuclear Data Center
Bldg. 197D

(516) 282 > 2901, 2902
FTS 666 >

334 - F4.01.11

4C-1/202

DATE: February 8, 1989

TO: Distribution

FROM: V. McLane

SUBJECT: TRANS 2122, 3061, 3062, 3063

Enclosed are comments on TRANS 2122 (in addition to those given in memo 4C-3/326) and on TRANS 3061, 3062, 3063.

Charles L. Dunford

VM:ms

Distribution
V. Manokhin
J. J. Schmidt
N. Tubbs
NNDC (5)

cc. De Moraes Cunha
Goulo
Lammer
Lemmel
Okamoto
Osorio
Schmidt
Schwerer
Seito
Wang Dahai

ACTION

FEB 13 1989

ACTION
OFFICER: J J Schmidt
OF   DATE OF   SIGNATURE
ON   ACTION
REPLY:
OTHER
ACTION:
NO ACTION:
INTERIM REPLY:
(ATTACH M-32)
ENCLOSURES
TO:
DESCRIPTION:

TRANS 2122

AN	SAN	SEQ	COMMENTS
21973	1	20	Delete "-G", no metastable state
* 21984	1	3	Add volume, page # to reference (1,223)
* 22032	2		Should properly be coded as 3 data sets with different INC-SOURCE
*	3	14	Illegal units for DATA 3; should be MICRO-EV
22038	1,2,3,4 5,6,7		"RATIO" heading obselete; use "DATA" Comment under ANALYSIS not clear and lopped off at end of 1st line
22040	3	5,6	Delete trailing commas
* 22052	4		Secondary energy missing for reactions 2 and 3
22056	2 3	28,35 24,39	Obsolete heading "RATIO" used " " "
	4,5		Ok as is; do not delete DATA-ERR (memo 4C-3/326); its derivatives+DATA-ERR,-DATA-ERR are used in data section
* 22057	3		unclear what this quantity is
22062	1,2,3		Obsolete heading "RATIO" used
22064	1 2	21,25 50,55	Add (MONIT 1) and (MONIT 2) to code Data field missing
*	3	59	Data field missing
22067	1	21	Obsolete heading "RATIO-ERR"
22072	8	4	OK as is; do not delete DATA-ERR (memo 4C-3/326); see above
22077	14,15,16 29,30,31 44,45	3	Code "PAR" missing from SF5 " " " " " "
22080	1	13	Delete particle detected in monitor reaction

TRANS 3061

	AN	SAN	SEQ	COMMENTS
	30754	2	3	Add "PAR" to SF5
*	30755	10	3	cross section should probably be to metastable state. Ground state half life = 65,000 yr.
		12	3	Cross sections probably to ground and including some decay from metastable state
*		13	3	Cross section should be to metastable state; ground state is stable
		17	3	Check decay data, ground + metastable?

TRANS 3062

	AN	SAN	SEQ	COMMENTS
	30294	2,3,4	3	Illegal characted in column 66
*	30739	4	3	REACTION should be coded 23-V-51(N,X)0-G-0, PAR,DA)
*	30766	3		Illegal use of pointers should be two separate subentries since data from two different measurements move data for ^{134}Te to new subentry.

TRANS 3063

	AN	SAN	SEQ	COMMENTS
	30760	2		Should have STATUS code "UNOBT"
	30761	2		" "
	30770	1	10	Should probably have "SIG" in SF6. Journal code should be expanded
*		2		Illegal REACTION should be: 3-LI-7(N,N+T)2-HE-4,,SIG)
	30771	2	37,38	Pointer should not be repeated EN-ERR probably should be EN-RSL
		2	46	" "
		3	12	" "
	30823	3	3	Reaction probably to ground state only

*Please retransmit