

03.03.89 AM IAEA

BROOKHAVEN NATIONAL LABORATORY

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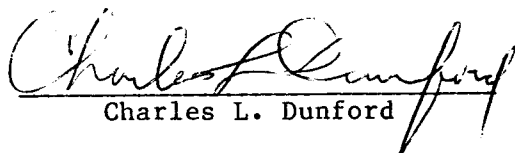
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4C-1/203

DATE: February 10, 1989
TO: Distribution
FROM: V. McLane
SUBJECT: TRANS 2123, 3064, 3065, 3066, 3067

Enclosed are comments on transmission tapes 2123 (in addition to memo 4C-3/330), 3064, 3065, 3066, 3067.


Charles L. Dunford

VM:ms

Distribution
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TRANS 2123

<u>AN</u>	<u>SAN</u>	<u>SEQ</u>	<u>COMMENTS</u>
21694	1	28-30	Particles from source and monitor reactions should not be coded under PART-DET
22081	2-11 12-15, etc.		Would have been better coded in one subentry
22082	2,4 2,4,6 3,5,7	10-12	Only E-EXC of .478 MeV should be given subentries should have been combined.
22092	1	13,15	World be more properly coded (POLNS,P-T)
22093	all		Should try to obtain decay data
22101	2,3	3	REACTION SF4 missing

TRANS 3064

<u>AN</u>	<u>SAN</u>	<u>SEQ</u>	<u>COMMENT</u>
30342	2		Should make clear if l-H-CXX is polydimethylsiloxane
30613	1	21	Obsolete keyword STANDARD
30647	7,8 9,10	24 23	Duplicate record " "
30775	2,3		Don't think this data should be compiled. Try to get experimental data points.
* 30778	2		REACTION vs. data wrong. This is probably "SPC" not "SIG".
30808	1	7	Illegal field separator"."
* 30808	5	3	Add G to SF7
30825	2	5	Delete -G extension
30825	5,7,10	3	Add (N,D) to reaction code

TRANS 3065

<u>AN</u>	<u>SAN</u>	<u>SEQ</u>	<u>COMMENTS</u>
30077	all		Add B- from PART-DET to decay data
30116			Would be good to code DECAY-DATA when updating old entries.
* 30139	3,5		Illegal data units PER-CENT should be converted to NO-DIM, error ambiguous in this coding. Data should be coded with separate reactions using E-EXC to define reactions.
30189	2,3	8	Should have pointer 2 in column 11
30656	1	6	First author SHI has a numeral 1 instead of letter I.
30774	2,3,4	7	Should have pointer 2 in column 11

TRANS 3066

<u>AN</u>	<u>SAN</u>	<u>SEQ</u>	<u>COMMENTS</u>
30247	1		Energy does not apply to all data sets
*	6,7,8,9		Energy range not given
* 30288	8-12 15	3	Should have "DERIV" in SF9. Excitation energy = 0. Should be coded for partial with pointer 2.
* 30336	32		Data is given as cross section for ground state; half-life given is for metastable state.
30901	2-4		Would be better coded with multiple reaction.
* 30901	7		2 sets of fitting coefficients with no explanation.

TRANS 3067

* 30355	1	6,7	1USAORL should be 1st lab, lab at which experiment was done
		20	Add 1USAORL as 2nd field
* 30359	1	5,6 25	same as 30355
30751	2	128	Delete trailing comma

*Please retransmit