

Memo AG-3/89

To: Distribution

20 September 1973

From: A. Calamand *CA*

Subject: Comment on TRANS-1018, 1019

General

We appreciate having already received transtapes 18 and 19. TRANS-1018 includes a number of retransmissions and/or additions of/to already transmitted entries. The flexibility of the alteration procedure is one of the nice features of EXFOR. But, in any case, what has been modified or added should be made crystal clear by a proper use of the keywords STATUS/HISTORY and of the alter-flags in column 80. This is very important in particular for indexing or for data superseding already transmitted data (see for example entry 10032).

In the case of new data superseding transmitted data, we believe that the old data should be replaced by the new ones. If for some reason it is preferable to have separated (sub)entries, cross reference should be given between these (sub)entries (not done for 10032.002,5 and 10047. [Foster's data]).

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10001.001

DEFECTOR

Invalid code: LSCIN, SCINC

10002.001

DEFECTOR

Invalid code: LSCIN

METHOD

25.58M instead of 25.58 7

10032.001

SAMPLE

Invalid codes: COMC = , COMI =

HISTORY

The following information was included under this keyword when the subentry was retransmitted in TRANS 1015: "(730509A) BIG CHANGES". Why was it removed? Furthermore, the deletion should be documented by a "D" in column 80. Finally, addition of subentries .005 and .006 should be documented here.

10032.005

SUBENT

This is a new subentry, there should be a "I" in column 80.

STATUS

This essential information is missing. Do the data of this new subentry supersede the data of subentry .002 ?

If yes, the following additions should be made to 10032.002 and 10032.005, respectively:

STATUS (SPSDD) SUPERSEDED BY DATA GIVEN IN SUBENTRY .005
STATUS DATA FROM PRIVATE COMMUNICATION (721030) SUPERSEDE
DATA GIVEN IN SUBENTRY .002

DATA

Negative cross-sections (lines 21, 22, 23 etc...) require explanation under COMMENT/ANALYSIS.

DATA-ERR1

Is it really a +2 exponent?

10032.006

DATA-ERR

Is it really a +2 exponent?

10101.001

REFERENCE

Reference type forgotten (J, ANS, 13 ...

N-SOURCE

Invalid code: BBTAN

10101.002 Give the source of the data.

10143.001

FACILITY

Invalid code: REAC

METHOD

Invalid code: INTEG

DETECTOR

Invalid code: SPTCM

.002 to .019 Give the source of the data

.002, .005 Why not merge the data tables of these two subentries?

.003, .006 Same remark.

.004, .007 Same remark.

.008, .011 Same remark.

.009, .012 Same remark.

.010, .013 Same remark.

.019

ENDENTRY

NI wrong.

10190.001

FACILITY

Invalid code: TVDG

METHOD

TIME OF FLIGHT misspelt.

DETECTOR

Invalid code: LSCIN

.002 to 4

DATA TABLE

For better legibility adjust the data columns on the left side.

10239.001

SAMPLE

Invalid code: METAL

GEOMETRY

Obsolete keyword.

10239.014

COMMON

Specify the angle : 90 DEG.

DATA

Different ratios values are given for the same neutron energy, this requires an explanation.

.015

STATUS

add RATIO AT 90 DEGR GIVEN IN SUBENTRY .014

DATA

Same remark as for .014.

10266.001

SAMPLE

Invalid code = OXYDE

HISTORY

Should state explicitly that the data table was added.

DATA-ERR2, DATA-ERR1

Is it not a percent error rather than an absolute one?

DATA-TABLE

Flag "I" in column 80 missing.

Negative cross-sections require an explanation under COMMENT/ANALYSIS.

10291.001

STANDARD

Missing

.002

DATA-ERR

Is it really a +2 exponent?

DATA

Negative cross-sections require an explanation under COMMENT/ANALYSIS.

10292.001

STANDARD

Give reference to the numerical values of the standard used.

DATA-ERR

+2 exponent?

Negative cross-sections.

TRANS 1019

Foster's data

10047.001

DETECTOR

Invalid code: LSCIN

METHOD

add TRANSMISSION EXPERIMENT

STANDARD

ABSOLUTE, missing

.003

REFERENCE

(J, PR, 157, 764, 6705) appears twice in the subentry.

.003, 9, 22, 23,
24, 43, 79,
80, 81

STATUS

SUPERSEDED BY PRIVATE

Add a cross reference to the corresponding superseding data.

.096 and .097

Specify the difference between the data of these two sub-entries under COMMENT/SAMPLE/ANALYSIS

.098 and .099

Same remark.

.101 to .107

STATUS

Add a cross-reference to the corresponding superseded data.