**Nuclear Data Section**

**International Atomic Energy Agency**

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**Memo 4C-3/0422**

**Date:** 2023-10-05

**To:** Distribution

**From:** N. Otsuka, S.Dunaeva

**Subject: NODATA record with free text: ALL POINTS ELIMINATED**

In the relation with EXFOR master production, I checked whether there are any meaningful characters in cols. 63-66 of system identifiers and found only “ALL POINTS ELIMINATED FROM SET” as the meaningful one.

*Example*:

NODATA 0 0 ALL POINTS ELIMINATED FROM SET 20113005 26

It has been known this text is seen in some neutron data entries adopted from the BNL2005 master for production of the common EXFOR master. NNDC, NEA DB, NDS and CJD are invited for restoration of the numerical data (with background information under COMMENT, CRITIQUE, STATUS etc. if any).

The NDS retrieval system allows us to check what were originally compiled in this subentry:



By clicking the date, we can see the numerical data originally compiled in this subentry:

DATA 4 1 20113005 26

EN-MAX EN-MIN DATA DATA-ERR 20113005 27

MEV MEV NO-DIM NO-DIM 20113005 28

6.74000E+1 0.00000E+0 2.70400E+0 5.10000E-2 20113005 29

ENDDATA 3 0 20113005 30

A secondary reference of this entry (H.Conde+, C,70HELSINKI,2,139,1970) reports this nu-bar value (2.704±0.051) as a preliminary value, and the compiler should think how to make this subentry more informative (e.g., restoration of the DATA section with an appropriate status code such as SPSDD and PRELM.).

As these characters may be eliminated during processing (e.g., during EXFOR master production), I would like to encourage NNDC, NEA DB, NDS and CJD to revise these subentries to exclude this free text under NODATA.

Subentries with free text “ALL POINTS ELIMINATED FROM SET” (as of 2 Oct. 2023)

* 10051.015-016,018-020,022-024,026-027,029-030,032
* 20113.005
* 20119.011
* 20152.020
* 20375.004,007
* 20390.005
* 20520.003,005
* 20797.002,004,006
* 21434.002
* 21435.002
* 21439.002-005
* 21442.002
* 21443.002-010
* 21447.002
* 21450.002
* 21841.003
* 21987.003
* 22000.004-007
* 30046.003-005
* 40518.013

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