**Nuclear Data Section**

**International Atomic Energy Agency**

**P.O.Box 100, A-1400 Vienna, Austria**

**Memo CP-D/1141**

**Date:** 2 July 2025

**To:** Distribution

**From:** N. Otsuka

**Subject: Dictionary transmission 9132**

Dictionary transmission 9132 is available in three formats (Trans, Archive and Backup) from the NDS open area: [http://nds.iaea.org/nrdc/ndsx4/trans/dicts/](http://nds.iaea.org/nrdc/ndsx4/trans/dictionaries/). These dictionaries are also available in zipped form (dicts-2025-06-30.zip) at <http://nds.iaea.org/exfor-master/backup/?C=M;O=D>. The JSON dictionary (an intermediate file to produce the Trans Dictionary from the Archive Dictionary) is placed on <https://nds.iaea.org/nrdc/file/dson.html>.

All memos submitted no later than 28 May (for dictionary 1, 2, 4, 16, 24-25, 30-35, 37, 236) or 28 June (for other dictionaries) are considered in this update. Additional changes introduced by me are summarized below:

**Dictionary 3 (Institutes)**

2JPNTIT (Renamed from “Tokyo Institute of Technology”)

3EGYCAI (Renamed from “Atomic Energy Authority (AEA)”)

3POLIPJP (Replaced “Warszawa” with “Otwock” which is more often seen in articles)

**Dictionary 5 (Journals)**

KSF (Removed the extinct flag.)

NMB (Removed “International Journal of” from the expansion)

PIA (*Extinct*)

Additional comments:

* There has been no response from NNDC on the question on the report code CR- mentioned in Memo CP-D/1140. I implemented the suggested changes this time, but I will revise the dictionary record again if I receive an input from NNDC.
* The new heading code THICK-ERR requires a proper family flag. But a family flag is not defined in the EXFOR/CINDA Dictionary Manual, and I left it to a blank.

A draft of the dictionary was reviewed by Nicolas Soppera and corrected. He reported that the 43 unknown data headings and units in EXFOR Entry File (Ver. 2025-06-28) are resolved with this new dictionary. The JANIS Trans Checker reports the following errors and I registered them in the EXFOR Feedback List:

|  |  |  |
| --- | --- | --- |
| **Subentry** | **Keyword** | **Remark** |
| 14833.002 | Common | PER-CENT coded in the 10th data field is wrong. |
| 14833.001 | EXP-YEAR | The same keyword is repeated twice. |
| 22121.029 | Common | Value is absent in the 3rd data field. |
| O2363.001 | ENDSUBENT | N1=45 -> 41 |

All changes are summarized below. “Status” gives alteration flags and status codes defined in EXFOR/CINDA Dictionary Manual.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Dict.** | **Status** | **Code** | **Expansion** | **Remark** |
| 003 | MTRA | 2JPNTIT | Institute of Science Tokyo, Tokyo | This memo |
| 003 | MTRA | 3CPRCNI | China Institute of Nuclear Industry Strategy, Beijing | CP-S/0010 |
| 003 | MTRA | 3EGYCAI | Egyptian Atomic Energy Authority (EAEA), Cairo | This memo |
| 003 | MTRA | 3POLIPJ | Narodowe Centrum Badan Jadrowych, Swierk, Otwock | This memo |
| 003 | MTRA | 4RUSITE | Inst. for Theor. and Exp. Phys., NRC Kurchatov Inst. | CP-F/0026 |
| 003 | ATRA | 4RUSNVU | Novosibirsk State University, Novosibirsk | CP-F/0025 |
| 005 | ATRA | BLI | Bulletin of the Lebedev Physics Institute | CP-F/0025 |
| 005 | ATRA | CMPH | Communications in Physics | CP-D/1134 |
| 005 | STRA | KSF | Kratkie Soobshcheniya po Fizike | CP-F/0025 |
| 005 | MTRA | NMB | Nuclear Medicine and Biology | This memo |
| 005 | SEXT | PIA | Proc. of the Indian Acad. Sciences, Sect. A |  |
| 005 | AEXT | PSI/A | Proc. of National Inst. of Sci. of India Part.A | CP-D/1123 |
| 006 | STRA | CR- | Columbia Univ. report series | CP-D/1140 |
| 022 | MTRA | HE3SP | Helium-3 spectrometer | Editorial |
| 022 | MTRA | HPGE | Hyperpure germanium detector | Editorial |
| 022 | MTRA | IMPSI | Passivated implanted planar silicon detector | Editorial |
| 024 | ATRA | THICK-ERR | Error in sample thickness | CP-C/0503 |
| 025 | ATRA | MB/SR/MEVA | millibarns/steradian/(MeV/A) | CP-D/1135 |
| 236 | ATRA | ,DA/DE,\*/\*+\*+\* | Double diff.cross sect. d2/dA(\*)/dE(\*+\*+\*) | CP-E/0175 |

**Distribution:**

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