**Nuclear Data Section**

**International Atomic Energy Agency**

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

**Memo CP-D/1099**

**Date:** 23 December 2023

**To:** Distribution

**From:** N. Otsuka

**Subject: Dictionary transmission 9129 and Season’s Greetings**

Dictionary transmission 9129 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 in zipped form (dicts-2023-12-21.zip) are also available: <http://nds.iaea.org/exfor-master/backup/?C=M;O=D>.

The same update made with the new procedure presented in the NRDC 2023 meeting is available as transmission 9929 on the NDS open area as a trial dictionary for your testing. I am planning to move to this new procedure in 2024, and your feedback on the trial dictionary is highly appreciated.

All memos submitted no later than 21 November (for dictionary 1, 2, 4, 16, 24-25, 30-35, 37, 236) or 21 December (for other dictionaries) are considered in this update.

All changes are summarized below. “Status” gives alteration flags and status codes defined in EXFOR/CINDA Dictionary Manual. These are also listed in the “EXCHANGE” file in the zipped file.

Additional changes introduced in this memo are summarized below:

**Dictionary 3 (Institutes)**

3CLMCLM (Replacement “Columbia” with “Colombia”.)

4UZ UZB (Adoption of an English translation as per a comment from Feruzjon Ergashev)

**Dictionary 5 (Journals)**

APP/BS (Replacement of “Series” with “Supplement”.)

**Dictionary 6 (Reports)**

INDC(TUK)- Turkish report to the I.N.D.C. (This is printed on the some Turkish reports.)

**Dictionary 236 (Quantities)**

EXL,DA (Correction of the reaction type code and unit family code)

I would like thank Nicolas Soppera for valuable comments on a draft of the new dictionary.

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| **Dict.** | **Status** | **Code** | **Expansion** | **Remark** |
| 003 | ATRA | 2JPNFMU | Fukushima Medical University, Fukushima | CP-E/0168 |
| 003 | MTRA | 3CLMCLM | Colombia, Rep. | This memo |
| 003 | MOBS | 4CCPGKS | State Committee on Standards, Moscow | Editorial |
| 003 | MTRA | 4UZ UZB | Institute of Nuclear Physics, Tashkent | This memo |
| 005 | MTRA | APP/BS | Acta Physica Polonica, Part B Proceeding Suppl. | This memo |
| 006 | ATRA | INDC(TUK)- | Turkish report to the I.N.D.C. | This memo |
| 021 | ATRA | DIFUS | Diffusion approximation | CP-S/0009 |
| 024 | ATRA | ANG-APRX | Approximate angle, laboratory system | CP-D/1097 |
| 024 | MTRA | ANG-RSL-FW | Angular resolution (full width) | CP-E/0169 |
| 024 | MTRA | ANG-RSL-HW | Angular resolution (half width) | CP-E/0169 |
| 024 | ATRA | ANG1-RSLHW | 1st angular resolution (half width) | CP-E/0169 |
| 024 | ATRA | ANG2-RSLHW | 2nd angular resolution (half width) | CP-E/0169 |
| 024 | MTRA | E-APRX | Approximate energy of outgoing particle, lab. system | Editorial |
| 024 | ATRA | E1-RSL-FW | 1st outgoing particle energy resolution (full width) | CP-E/0169 |
| 024 | MTRA | EN-APRX | Approximate incident projectile energy | Editorial |
| 236 | MTRA | EXL,DA | Angular diff. cross section including excitation to low-lying levels) | This memo |
| 236 | ATRA | L-,SIG | Cross section excluding quasi-metastable state production | CP-D/1087 |
| 236 | ATRA | L-,SIG,,SFC | S-factor excluding quasi-metastable state production | CP-D/1087 |



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