**Nuclear Data Section**

**International Atomic Energy Agency**

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

**Memo CP-D/1064**

**Date:** 24 December 2022

**To:** Distribution

**From:** N. Otsuka

**Subject: Dictionary transmission 9127 and Season’s Greetings**

Dictionary transmission 9127 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-2022-12-24.zip) are also available: <http://nds.iaea.org/exfor-master/backup/?C=M;O=D>.

All memos submitted no later than 23 November (for dictionary 1, 2, 4, 16, 24-25, 30-35, 37, 236) or 23 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.

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| --- | --- | --- | --- | --- |
| **Dict.** | **Status** | **Code** | **Expansion** | **Remark** |
| 003 | ATRA | 1USASRF | Sanford Underground Research Facility, Lead, SD | CP-C/0500 |
| 006 | ATRA | IPNO-DRE- | Inst. de Phys. Nucl. Orsay Reports (Nucl.Phys.) | CP-N/0172 |
| 024 | DTRA | E-EXC-MAXA | Approximate upper limit of excitation energy range | 4C-3/0421 |
| 024 | ATRA | E-EXC-MX-A | Approximate upper limit of excitation energy range | 4C-3/0421 |
| 024 | ATRA | EN-RSL-HW1 | 1st incident projectile energy resolution (Half width) | CP-D/1059 |
| 024 | ATRA | EN-RSL-HW2 | 2nd incident projectile energy resolution (Half width) | CP-D/1059 |
| 024 | ATRA | WVE-LN-MAX | Upper boundary of wave length of incident particle | CP-C/0498 |
| 024 | ATRA | WVE-LN-MIN | Lower boundary of wave length of incident particle | CP-C/0498 |
| 031 | ATRA | EXL | Excitation to low-lying levels | 4C-3/0421 |
| 034 | DTRA | EXL | Excitation to low-lying levels | 4C-3/0421 |
| 236 | ATRA | BA/COH,SIG | Bound-atom coherent cross section | CP-C/0499 |
| 236 | ATRA | EXL,SIG | Cross section including excitation to low-lying levels | 4C-4/0234 |
| 236 | ATRA | ISP,DA | Differential cross section d/dA, partial for intermediate product | CP-F/0023 |
| 236 | ATRA | PAR,NU | Partial neutron yield | CP-C/0497 |

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