**Nuclear Data Section**

**International Atomic Energy Agency**

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

**Memo CP-D/1006**

**Date:** 10 December 2020

**To:** Distribution

**From:** N. Otsuka

**Subject: DECAY-DATA: Too low energies and too high intensities**

I extracted all DECAY-DATA records providing too low radiation energy (lower than 1 keV for X-ray and lower than 10 keV for other radiation types), or too high radiation abundance (higher than 2). Each case was checked against the source article, and the summary is appended to this memo.

***Examples***:

1. 0.564 MeV but coded as 0.564 keV

 DECAY-DATA (51-SB-122-G,2.68D,DG,**0.564**,0.70)

2. 3.33% but coded as 333%.

 DECAY-DATA (38-SR-83,2.71HR,DG,430.6,**3.33**)

3. 2.8% but coded as 0.028 keV

 DECAY-DATA (35-BR-87,55.SEC,DN**,**0.028)

**Distribution:**

a.koning@iaea.org

abhihere@gmail.com

aloks279@gmail.com

bknayak@barc.gov.in

daniela.foligno@oecd-nea.org

dbrown@bnl.gov

draj@barc.gov.in

fukahori.tokio@jaea.go.jp

ganesan555@gmail.com

gezg@ciae.ac.cn

iwamoto.osamu@jaea.go.jp

j.c.sublet@iaea.org

jmwang@ciae.ac.cn

kaltchenko@kinr.kiev.ua

kenya.suyama@oecd-nea.org

kimdh@kaeri.re.kr

kimura.atsushi04@jaea.go.jp

l.vrapcenjak@iaea.org

manuel.bossant@oecd-nea.org

masaaki@nucl.sci.hokudai.ac.jp

michael.fleming@oecd-nea.org

mmarina@ippe.ru

nicolas.soppera@oecd-nea.org

n.otsuka@iaea.org

nrdc@jcprg.org

odsurenn@gmail.com

ogritzay@ukr.net

ogrudzevich@ippe.ru

otto.schwerer@aon.at

pikulina@expd.vniief.ru

pritychenko@bnl.gov

s.okumura@iaea.org

samaev@obninsk.ru

sbabykina@yandex.ru

scyang@kaeri.re.kr

selyankina@expd.vniief.ru

sonzogni@bnl.gov

stakacs@atomki.mta.hu

stanislav.hlavac@savba.sk

sv.dunaeva@gmail.com

tada@nucl.sci.hokudai.ac.jp

taova@expd.vniief.ru

tarkanyi@atomki.hu

vvvarlamov@gmail.com

v.zerkin@iaea.org

vidyathakur@yahoo.co.in

vsemkova@inrne.bas.bg

yolee@kaeri.re.kr

zholdybayev@inp.kz

**Appendix**

**Too low radiation energy and too high intensity (abundance) under DECAY-DATA**

(extracted from EXFOR Master File Ver.2020-09-25)

Note: The originating centre should check the proposed solution against the source article before correcting the entry.

|  |  |  |
| --- | --- | --- |
| **Subentry #** | **Radiation field** | **Comment** |
| 10327.002 | DG,1.368 | Multiply the energy by 1000 |
| 10376.004  | B-,0.5 | A comma missing before intensity (The author assumes equal branching for beta- and EC decay of 236gNp) |
| 10844.003  | DG,0.564,0.70 | Multiply the energy by 1000 |
| 11328.022  | AR,0.947 | Multiply the energy by 1000 |
| 11722.006 | AR,1.7 | A comma missing before the intensity |
| 11748.020  | DG,,122. | Delete an extra comma followed by the energy |
| 12003.002 | B-,3.36;B-,3.29 | Multiply the energy by 1000 |
| 12003.003 | B-,4.3;B-,4.2 | Multiply the energy by 1000 |
| 12003.004 | B-,5.3;B-,5.6 | Multiply the energy by 1000 |
| 12242.002 | DG,1.07 | Multiply the energy by 1000 |
| 13171.001 | DG,1.369,1.0;DG,2.754,1.0 | Multiply the energy by 1000 |
| 13334.002 | DG,1.596 | Multiply the energy by 1000 |
| 13600.001  | DG,0.4236,0.181 | Multiply the energy by 1000 |
| 14080.002  | DG,0.511,0.38 | Multiply the energy by 1000 |
| 14080.003 | DG,1.039,0.09 | Multiply the energy by 1000 |
| 14080.004  | DG,0.490/0.535,0.36 | Multiply the energy by 1000 |
| 14080.005  | DG,0.247,0.94 | Multiply the energy by 1000 |
| 14080.006 | DG,1.293,0.80 | Multiply the energy by 1000 |
| 14080.007  | DG,0.412,0.96 | Multiply the energy by 1000 |
| 14080.008 | DG,2.754,1.00 | Multiply the energy by 1000 |
| 14080.009 | DG,1.524,0.18 | Multiply the energy by 1000 |
| 14080.010  | DG,0.847,0.99 | Multiply the energy by 1000 |
| 14080.011 | DG,1.332,1.00 | Multiply the energy by 1000 |
| 14080.012  | DG,0.059,0.021 | Multiply the energy by 1000 |
| 14080.013  | DG,0.511,0.38 | Multiply the energy by 1000 |
| 14080.014 | DG,1.115,0.49 | Multiply the energy by 1000 |
| 14080.015 | DG,1.039,0.09 | Multiply the energy by 1000 |
| 14080.016  | DG,0.439,0.95 | Multiply the energy by 1000 |
| 14080.017  | DG,0.037,0.36 | Multiply the energy by 1000 |
| 14080.018  | DG,0.777,0.83 | Multiply the energy by 1000 |
| 14080.019  | DG,0.724/0.756,0.98 | Multiply the energy by 1000 |
| 14080.020  | DG,0.665,0.98 | Multiply the energy by 1000 |
| 14080.021  | DG,0.215,0.91 | Multiply the energy by 1000 |
| 14080.022  | DG,0.497,0.88 | Multiply the energy by 1000 |
| 14080.023  | DG,0.051,0.47 | Multiply the energy by 1000 |
| 14080.024  | DG,0.726,0.48 | Multiply the energy by 1000 |
| 14080.025  | DG,0.247,0.94 | Multiply the energy by 1000 |
| 14080.026  | DG,0.535,0.26 | Multiply the energy by 1000 |
| 14080.027 | DG,1.293,0.80 | Multiply the energy by 1000 |
| 14080.028  | DG,0.564,0.66 | Multiply the energy by 1000 |
| 14080.029 | DG,1.692,0.50 | Multiply the energy by 1000 |
| 14080.030  | DG,0.796/0.802,0.98 | Multiply the energy by 1000 |
| 14080.031  | DG,0.128,0.14 | Multiply the energy by 1000 |
| 14080.032 | DG,1.596,0.96 | Multiply the energy by 1000 |
| 14080.033  | DG,0.620,0.62 | 0.620 -> 920? (But this gamma line is unknown.) |
| 14080.035  | DG,0.317,0.81 | Multiply the energy by 1000 |
| 14080.036  | DG,0.328,0.19 | Multiply the energy by 1000 |
| 14080.037  | DG,0.311,0.34 | Multiply the energy by 1000 |
| 14080.039  | DG,0.228,0.118 | Multiply the energy by 1000 |
| 14081.002  | DG,0.409 | Energy too low. Check if the decay data are from the article. |
| 14081.003  | DG,0.336 | Energy too low. Check if the decay data are from the article. |
| 14500.001  | B-,0.6856,0.226 | Multiply the energy by 1000. B- -> DG.  |
| 20063.003  | DG,0.155 | Multiply the energy by 1000 |
| 20921.004  | AR,0.511,2.0 | Multiply the energy by 1000 |
| 21208.004 | A,5.73 | Multiply the energy by 1000 |
| 21400.001  | B+,0.982 | A comma missing before intensity |
| 21581.003  | DN,0.158;DN,0.15 | A comma missing before intensity |
| 21772.006  | DG,0.835 | Multiply the energy by 1000 |
| 21892.002  | DG,0.136,0.34 | Multiply the energy by 1000 |
| 21892.004  | DG,0.136,0.34 | Multiply the energy by 1000 |
| 21892.005  | DG,0.136,0.34 | Multiply the energy by 1000 |
| 22490.001  | DG,0.933,0.0451 | Multiply the energy by 100 (not 1000!). |
| 22662.003 | DG,2.0 | A comma missing before the intensity |
| 22985.008  | DG,0.024 | Energy too low. Check if the decay data are from the article. |
| 23267.006  | B-,0.033 | A comma missing before intensity |
| 23350.002  | DN,0.028 | A comma missing before intensity |
| 23354.005  | DN,0.0016;DN,0.075;DN,0.050 | A comma missing before intensity |
| 23354.006  | DN,0.0016;DN,0.075;DN,0.050 | A comma missing before intensity |
| 23354.007  | DN,0.0016;DN,0.075;DN,0.050 | A comma missing before intensity |
| 23356.009  | DN,0.086 | A comma missing before intensity |
| 23401.005  | XR,0.02,0.004 | Multiply the energy by 1000 |
| 23543.003  | B-,0.86 | A comma missing before intensity |
| 30287.006  | AR,0.511,0.58 | Multiply the energy by 1000. |
| 30390.007  | DG,.181 | Multiply the energy by 1000 |
| 40141.002  | SF,0.97 | Delete? (irrelevant to data reduction?) |
| 40188.001  | SF,2.E-6 | Delete? (irrelevant to data reduction?) |
| 40467.010  | B,0.836 | A comma missing before intensity. B -> B- |
| 40467.015  | B,0.836 | A comma missing before intensity. B -> B- |
| 40576.003  | B-,0.48 | A comma missing before intensity |
| 40676.004  | DG,0.835,0.698;DG,1125.,0.302 |  Energies must be 842. and 1010. keV |
| 40701.002  | B-,0.48 | A comma missing before intensity |
| 41498.001  | DN,0.0252;DN,0.0658;DN,0.138;DN,0.200;DN,0.0714;DN,0.546;DN,0.100;DN,0.093;DN,0.0195;DN,0.1001;DN,0.0873 | A comma missing before intensity |
| 41528.002  | DN,0.0252;DN,0.0658;DN,0.138;DN,0.200 | A comma missing before intensity |
| 41528.003  | DN,0.0714;DN,0.0546;DN,0.100;DN,0.093 | A comma missing before intensity |
| 41614.004  | DG,1014.5,28.20 | Divide the intensity by 100 |
| 10835.017.2 | AR,0.511 | AR,0.511 -> DG,756.4 |
| 10844.002.2 | AR,0.511,.8791 | Multiply the energy by 1000 |
| A0173.026  | DG,0.253,0.31 | Multiply the energy by 1000 |
| A0194.037  | DG,4.55,0.193 | Energy too low. Check if the decay data are from the article. |
| A0246.002.2 | A,7.44 | Multiply the energy by 1000 |
| A0400.002  | DG,0.067,0.70;DG,0.361,0.97 | Multiply the energy by 1000 |
| A0400.003  | DG,0.084,0.014;DG,0.253,0.016 | Multiply the energy by 1000 |
| A0400.004  | DG,0.046,0.571;DG,0.834,0.913 | Multiply the energy by 1000 |
| A0468.002.2 | DG,5.9 | DG -> XR |
| A0542.001  | DG,0.241 | Energy: 0.241 -> 271? |
| C0072.001  | A,3.95 | Multiply the energy by 1000 |
| C0172.001  | AR,0.51 | Delete DECAY-DATA. Prompt gamma detection. |
| C0236.002  | DN,0.75 | A comma missing before intensity |
| C0236.005  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.006  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.007  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.008  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.009  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.010  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.011  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.012  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.013  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.014  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.015  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.016  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.017  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.018  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.019  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.020  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.021  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.022  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.028  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0236.029  | DN,0.75;DN,0.95 | A comma missing before intensity |
| C0274.008  | DG,5.1,1.0 | DG -> XR |
| C0274.009  | DG,4.7,1.0 | DG -> XR |
| C0274.010  | DG,4.7,0.39 | DG -> XR |
| C0274.017  | DG,5.1,1.0 | DG -> XR |
| C0274.018  | DG,4.7,1.0 | DG -> XR |
| C0274.019  | DG,5.1,1.0 | DG -> XR |
| C0339.002  | DG,5.9,1.0 | DG -> XR |
| C0384.003.3 | DG,5.9,0.28 | DG -> XR |
| C0557.002.1 | A,5.114,1.00;A,4.884,0.9974 | Multiply the energy by 1000 |
| C0557.002.2 | A,5.114,1.00;A,5.224,0.0545 | Multiply the energy by 1000 |
| C0557.002.3 | A,5.114,1.00;A,5.377,0.0062 | Multiply the energy by 1000 |
| C0557.002.4 | A,5.114,1.00;A,5.588,0.002 | Multiply the energy by 1000 |
| C0557.003.1 | A,5.114,1.00;A,4.884,0.9974 | Multiply the energy by 1000 |
| C0557.003.2 | A,5.114,1.00;A,5.224,0.0545 | Multiply the energy by 1000 |
| C0557.003.3 | A,5.114,1.00;A,5.377,0.0062 | Multiply the energy by 1000 |
| C0557.003.4 | A,5.114,1.00;A,5.588,0.002 | Multiply the energy by 1000 |
| C0557.004.1 | A,5.114,1.00;A,4.884,0.9974 | Multiply the energy by 1000 |
| C0557.004.2 | A,5.114,1.00;A,5.224,0.0545 | Multiply the energy by 1000 |
| C0557.004.3 | A,5.114,1.00;A,5.377,0.0062 | Multiply the energy by 1000 |
| C0557.004.4 | A,5.114,1.00;A,5.588,0.002 | Multiply the energy by 1000 |
| C0557.005  | A,5.588,0.020;A,5.786,0.029;A,5.864,0.14;A,6.60,0.39;A,5.952,0.12;A,6.183,0.70;A,6.385,1.00;A,6.280,0.90;A,6.52,1.00 | Multiply the energy by 1000 |
| C0700.002  | AR,0.97 | A comma missing before intensity |
| C0700.003  | AR,0.19 | A comma missing before intensity |
| C0980.001  | DG,0.477 | Multiply the energy by 1000 |
| C0985.003  | DG,0.478,0.103 | Multiply the energy by 1000 |
| C1094.002  | A,5.032 | Multiply the energy by 1000 |
| C1094.003  | A,5.104 | Multiply the energy by 1000 |
| C1094.004  | A,4.518 | Multiply the energy by 1000 |
| C1094.005  | A,4.799 | Multiply the energy by 1000 |
| C1094.007  | A,4.456 | Multiply the energy by 1000 |
| C1094.012  | A,4.07 | Multiply the energy by 1000 |
| C1094.013  | A,4.233 | Multiply the energy by 1000 |
| C1094.014  | A,5.199 | Multiply the energy by 1000 |
| C1094.015  | A,5.104 | Multiply the energy by 1000 |
| C1094.016  | A,5.032 | Multiply the energy by 1000 |
| C1094.017  | A,4.957 | Multiply the energy by 1000 |
| C1094.018  | A,4.799 | Multiply the energy by 1000 |
| C1094.019  | A,4.673 | Multiply the energy by 1000 |
| C1094.021  | A,4.611 | Multiply the energy by 1000 |
| C1094.023  | A,4.456 | Multiply the energy by 1000 |
| C1094.025  | A,4.233 | Multiply the energy by 1000 |
| C1094.026  | A,5.199 | Multiply the energy by 1000 |
| C1094.027  | A,5.104 | Multiply the energy by 1000 |
| C1094.028  | A,5.032 | Multiply the energy by 1000 |
| C1094.029  | A,4.957 | Multiply the energy by 1000 |
| C1094.030  | A,4.518 | Multiply the energy by 1000 |
| C1094.031  | A,4.799 | Multiply the energy by 1000 |
| C1094.033  | A,4.611 | Multiply the energy by 1000 |
| C1094.035  | A,4.456 | Multiply the energy by 1000 |
| C1094.036  | A,5.199 | Multiply the energy by 1000 |
| C1094.037  | A,5.032 | Multiply the energy by 1000 |
| C1094.038  | A,4.957 | Multiply the energy by 1000 |
| C1094.039  | A,5.104 | Multiply the energy by 1000 |
| C1094.040  | A,4.673 | Multiply the energy by 1000 |
| C1094.041  | A,4.799 | Multiply the energy by 1000 |
| C1094.043  | A,4.456 | Multiply the energy by 1000 |
| C1094.044  | A,4.611 | Multiply the energy by 1000 |
| C1094.047  | A,4.233 | Multiply the energy by 1000 |
| C1094.049  | A,5.345 | Multiply the energy by 1000 |
| C1094.050  | A,5.955 | Multiply the energy by 1000 |
| C1094.051  | A,5.749 | Multiply the energy by 1000 |
| C1094.052  | A,5.521;A,5.480 | Multiply the energy by 1000 |
| C1094.053  | A,5.449 | Multiply the energy by 1000 |
| C1094.054  | A,5.038 | Multiply the energy by 1000 |
| C1094.055  | A,4.804 | Multiply the energy by 1000 |
| C1094.056  | A,4.676 | Multiply the energy by 1000 |
| C1094.057  | A,4.523 | Multiply the energy by 1000 |
| C1094.058  | A,4.457 | Multiply the energy by 1000 |
| C1102.001  | A,4.0,0.16 | Multiply the energy by 1000 |
| C1127.001  | B-,0.42 | Multiply the energy by 1000 |
| C1127.001  | B-,2.87 | Multiply the energy by 1000 |
| C1129.004  | A,6.95 | Multiply the energy by 1000 |
| C1131.002  | AR,0.511,0.386 | Multiply the energy by 1000 |
| C1131.003  | AR,0.511,0.386 | Multiply the energy by 1000 |
| C1131.004  | AR,0.511,1.229;DG,0.283,0.128;DG,0.656,0.101 | Multiply the energy by 1000 |
| C1462.002  | B+/EC,0.23,0.77 | Energy too low. Check if the B+/EC(!?) activity is relevant to data reduction |
| C1468.005  | DG,.182,1. | Energy too low. Check if the target gamma activity is relevant to data reduction |
| C1659.009  | A,7.45 | Multiply the energy by 1000 |
| C1659.010  | A,7.28 | Multiply the energy by 1000 |
| C1742.002  | DG,0.53208,0.061 | Multiply the energy by 1000 |
| C1742.003  | DG,0.6545,0.021 | Multiply the energy by 1000 |
| C1742.003  | DG,1.523,0.109 | Multiply the energy by 1000 |
| C1752.003  | DG,1.6 | Multiply the energy by 1000 |
| C1752.004  | DG,1.6 | Multiply the energy by 1000 |
| C1756.002  | DG,0.482 | Multiply the energy by 1000 |
| C1756.002  | DG,0.203 | Multiply the energy by 1000 |
| C1756.003  | B-,2.27 | Multiply the energy by 1000 |
| C1759.002  | B+,0.65,0.97 | Multiply the energy by 1000 |
| C1766.002  | DG,0.165,1.0 | Multiply the energy by 1000 |
| C1766.003  | DG,0.165,1.0 | Multiply the energy by 1000 |
| C1766.004  | DG,0.165,1.0 | Multiply the energy by 1000 |
| C1766.005  | DG,0.165,1.0 | Multiply the energy by 1000 |
| C2008.005  | DG,0.511,0.55 | Multiply the energy by 1000 |
| C2154.002  | A,7.39,0.999998 | Multiply the energy by 1000 |
| C2203.002  | A,6.802,0.84 | Multiply the energy by 1000 |
| C2203.003  | A,6.934,1.0 | Multiply the energy by 1000 |
| C2203.004  | A,7.031,0.696 | Multiply the energy by 1000 |
| C2203.005  | A,6.2597,0.63;A,6.2614,0.242 | Multiply the energy by 1000 |
| C2203.006  | A,6.408,0.724 | Multiply the energy by 1000 |
| C2203.007  | A,7.003,0.993 | Multiply the energy by 1000 |
| C2203.008  | A,7.133,0.95;A,7.131,1.0 | Multiply the energy by 1000 |
| C2203.009  | A,6.641,0.89;A,6.646,0.89 | Multiply the energy by 1000 |
| C2203.010  | A,6.2614,0.242;A,6.2597,0.63 | Multiply the energy by 1000 |
| C2203.012  | A,7.347,0.97;A,7.347,1.0 | Multiply the energy by 1000 |
| C2293.002  | AR,0.511,1.0 | Energy too low. Check if the decay data are from the article. |
| C2293.003  | AR,0.511,1.0 | Energy too low. Check if the decay data are from the article. |
| C2295.002  | A,7.11,0.3 | Multiply the energy by 1000 |
| C2295.003  | A,7.17 | Multiply the energy by 1000 |
| C2298.002  | A,6.76 | Multiply the energy by 1000 |
| C2298.003  | A,6.87 | Multiply the energy by 1000 |
| C2304.002  | B+,1.1,0.95;B+,3.0,0.05 | Multiply the energy by 1000 |
| C2307.002  | B+,4.38,0.80 | Multiply the energy by 1000 |
| C2312.002  | DG,0.246 | Multiply the energy by 1000 |
| C2312.003  | DG,0.335 | Multiply the energy by 1000 |
| C2312.004  | DG,0.191 | Multiply the energy by 1000 |
| C2312.005  | DG,0.246 | Multiply the energy by 1000 |
| C2312.006  | DG,0.335 | Multiply the energy by 1000 |
| C2312.007  | DG,0.246 | Multiply the energy by 1000 |
| C2312.008  | DG,0.335 | Multiply the energy by 1000 |
| C2342.002  | DG,0.271,1.0 | Multiply the energy by 1000 |
| C2342.003  | DG,1.156,1.0 | Multiply the energy by 1000 |
| C2343.002  | B-,0.766 | B- > DG. Multiply the energy by 1000 |
| C2343.003  | EC,0.935 | EC -> DG. Multiply the energy by 1000 |
| C2343.004  | EC,0.871 | EC -> DG. Multiply the energy by 1000 |
| C2343.005  | EC,0.703 | EC -> DG. Multiply the energy by 1000 |
| C2343.006  | EC,0.204 | EC -> DG. Multiply the energy by 1000 |
| C2343.007  | EC,0.766 | EC -> DG. Multiply the energy by 1000 |
| C2343.008  | EC,0.813,0.85;EC,0.813,0.83 | EC -> DG. Multiply the energy by 1000 |
| C2344.002  | DG,1.37,0.86 | Multiply the energy by 1000 |
| C2344.003  | B-,0.57,0.38;B+,0.66,0.19;AR,0.511,0.38 | Multiply the energy by 1000 |
| C2344.004  | DG,0.148,0.42 | Multiply the energy by 1000 |
| C2344.005  | DG,0.33/0.356,1.19 | Multiply the energy by 1000 |
| C2351.002  | (many radiation fields) | Multiply the energy by 1000 |
| C2351.003  | (many radiation fields) | Multiply the energy by 1000 |
| C2360.001  | DG,0.478 | Multiply the energy by 1000 |
| C2369.003  | DG,1.779,1.0 | Multiply the energy by 1000 |
| C2369.016  | DG,0.9417,0.359;DG,0.9833,1.0;… | Multiply the energy by 1000 |
| C2376.004  | DG,7.2,0.95 | Energy=7.2 -> 72. |
| C2376.008  | DG,7.2,0.95 | Energy=7.2 -> 72. |
| C2376.012  | DG,7.2,0.95 | Energy=7.2 -> 72. |
| D6041.011  | DG,430.6,3.33 | Divide the intensity by 100 |
| D6330.002  | DG,203.5,2.035 | Typo in Table 1 of the source article |
| E1701.003  | DG,89.9,77.6;DG,258.4,31.5 | Divide the intensity by 100 |
| E1877.002  | AR,0.51,1.08 | Multiply the energy by 1000 |
| E2371.004  | A,8.69 | Multiply the energy by 1000 |
| F1266.002  | A,8.09 | Multiply the energy by 1000 |
| F1266.003  | A,8.42 | Multiply the energy by 1000 |
| L0133.002  | B-,0.971 | A comma missing before intensity |
| L0133.003  | B-,0.971 | A comma missing before intensity |
| M0988.002  | B-,0.971 | Energy too low. Check if the decay data are from the article. |
| O0073.003  | DG,0.850,1. | Multiply the energy by 1000 |
| O0073.005  | DG,0.320,0.10 | Multiply the energy by 1000 |
| O0073.008  | DG,0.477,0.11 | Multiply the energy by 1000 |
| O0073.010  | DG,0.850,1. | Multiply the energy by 1000 |
| O0073.012  | DG,0.320,0.10 | Multiply the energy by 1000 |
| O0073.015  | DG,0.477,0.11 | Multiply the energy by 1000 |
| O0073.016  | DG,2.75,1. | Multiply the energy by 1000 |
| O0073.017  | DG,1.28,1. | Multiply the energy by 1000 |
| O0073.018  | DG,0.477,0.11 | Multiply the energy by 1000 |
| O0073.019  | DG,2.75,1. | Multiply the energy by 1000 |
| O0073.020  | DG,2.75,1. | Multiply the energy by 1000 |
| O0073.021  | DG,1.28,1. | Multiply the energy by 1000 |
| O0073.022  | DG,0.477,0.11 | Multiply the energy by 1000 |
| O0073.023  | DG,0.477,0.11 | Multiply the energy by 1000 |
| O0073.024  | DG,0.477,0.11 | Multiply the energy by 1000 |
| O0542.002  | B+,0.283;B+,0.789;B+,0.632 | A comma missing before intensity |
| O0542.031  | B+,0.283 | A comma missing before intensity |
| O0542.038  | B+,0.789 | A comma missing before intensity |
| O0542.049  | B+,0.632 | A comma missing before intensity |
| O0544.004  | B+,0.70 | A comma missing before intensity |
| O1272.004  | A,5.304,1. | Multiply the energy by 1000 |
| O1340.002  | DG,1.596,0.96 | Multiply the energy by 1000 |
| P0009.002  | DG,0.18 | Multiply the energy by 1000 |
| P0009.003  | DG,0.29 | Multiply the energy by 1000 |
| P0012.006  | DG,0.077 | Multiply the energy by 1000 |
| P0014.024  | B,0.76 | Energy too low. Check if the decay data are from the article. |
| P0014.026  | B+,0.93 | A comma missing before intensity |
| P0014.027  | B+,0.51 | Multiply the energy by 1000 |
| P0045.002  | AR,0.511 | Multiply the energy by 1000 |
| T0297.008  | AR,0.92 | A comma missing before intensity |