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JEF-2/DD

JEF-2 Radioactive Decay Data, an evaluated nuclear data library by the NEA Data Bank

Brief summary of documentation

H.D. Lemmel (ed.)

Abstract: This document gives a brief documentation of the JEF-2 Radioactive Decay Data library which is available from the IAEA Nuclear Data Section either online or on CD-ROM, free of charge.

Nuclear Data Section
International Atomic Energy Agency
P.O. Box 100
A-1400 Vienna
Austria

e-mail: services@iaeand.iaea.org
fax: (43-1) 26007
cable: INATOM VIENNA
telex: 1-12645
telephone: (43-1) 2600-21710

Online: TELNET or FTP: iaeand.iaea.org
username: IAEANDS for interactive Nuclear Data Information System
usernames: ANONYMOUS for FTP file transfer;
FENDL2 for FTP file transfer of FENDL-2.0;
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Web: <http://www-nds.iaea.org>

Note:

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IAEA-NDS-reports are updated whenever there is additional information of relevance to the users of the data library.

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96/11

Citation guidelines:

JEF-2 Radioactive Decay Data

This database is a special data library of the Joint Evaluated File (JEF-2) of the OECD Nuclear Energy Agency Data Bank (see document IAEA-NDS-120 Rev. 2).

The library contains in ENDF-6 format the decay data for all the radionuclides occurring as reaction products in the JEF-2 neutron reaction data library. It was compiled by the JEF Decay Data Working Group and released by the Data Bank in 1993. Most of the data included were taken over from UK decay data files (A.L. Nichols) which, in turn, were much based on the international ENSDF database.

The library contains decay data for 2345 radionuclides.