Subject: RE: RIPL Data
Date: Tuesday, October 1, 2019 at 4:00:17 AM Pacific Daylight Time
From: CAPOTE NOY, Roberto Mario
To: Ormand, Erich
CC: VERPELLI, Marco

Dear Erich,
There are no restrictions as long as you quote the origin of the RIPL data in your results, output and evaluated files, and publications.

Usually in our evaluations and calculations that use EMPIRE code, which also relies on RIPL we quote :

- Access to OM segment of the RIPL library [RIPL]
- Built-in input parameter files, such as masses, level density, discrete levels, fission barriers and gamma strength functions based on the RIPL library [RIPL]

…
PARAMETERIZATIONS
Following models and parameters were used in the current evaluation:

Discrete levels were taken from the RIPL-3 level
File [LEV,RIPL] updated in 2015, based on ENSDF database.

[LEV] M. Verpelli and R. Capote Noy, INDC(NDS)-0702, IAEA, 2015.
Available online at https://www-nds.iaea.org/publications/indc/indc-nds-0702/

[RIPL]
R.Capote, M.Herman, P.Oblozinsky, P.G.Young, S.Goriely, T.Belgya, A.V.Ignatyuk, A.J.Koning, S.Hilaire, V.A.Plujko, M.Avrigeanu, Zhigang Ge, Yinlu Han, S.Kailas, J.Kopecky, V.M.Maslov, G.Reffo, M.Sin, E.Sh.Soukhovitskii and P. Talou

"RIPL - Reference Input Parameter Library for Calculation of Nuclear Reactions and Nuclear Data Evaluations",

Nuclear Data Sheets 110 (2009) 3107-3214

Data available online at
https://www-nds.iaea.org/RIPL-3/

From: VERPELLI, Marco <M.Verpelli@iaea.org>
Sent: Tuesday, 01 October 2019 07:39

To: CAPOTE NOY, Roberto Mario <Roberto.CapoteNoy@iaea.org>
Cc: NDS - Contact Point <NDS.Contact-Point@iaea.org>
Subject: FW: RIPL Data

Hi Roberto,
I think this is for you !
Cheers,
Marco

From: Ormand, Erich <ormand1@llnl.gov>
Sent: Monday, 30 September 2019 23:47
To: NDS - Contact Point <NDS.Contact-Point@iaea.org>
Subject: RIPL Data

Hi,

I have a question regarding the use of RIPL files and data, which perhaps Dave Brown brought up while he was visiting last week. I have a Hauser-Feshbach code that I want to review and release from LLNL as open source using the GNU LGPL version 2 license. I have built it making use of some RIPL files. The most important being the evaluated level data, energies, decay branching ratios, etc. In addition, I also make use some other data files, such as the level spacings, and some fission barrier parameters, which are intended as some starting default values. My question is if it is to include these files as part of a release, and if so what is the proper mechanism? Is there a license, etc.? Naturally, the goal is the proper credit, and these data are an important aspect having a functional code.
Thanks
Erich

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