

NEA Data Bank Progress Report 2010 – 2011

- ✓ Staff situation
- ✓ Experimental data
- ✓ JEFF Files
- ✓ JANIS Software

Staff situation

Staff movements in 2009-2011

The situation is gradually improving...

- H. Henrikson left in January 2009 (replaced by E. Dupont)
- P. Nagel retired in March 2009 (not yet replaced)
- E. Sartori retired in May 2009 (replaced by J. Gulliford)
- A. Hasegawa left in July 2009 (replaced by K. Matsumoto)
- Y. Rugama left in March 2010 (replaced by F. Michel-Sendis)
- C. Nordbord retired in April 2011 (replaced by J. Gulliford)

Experimental data

EXFOR

- Neutron data compilation in 2010 (2011/1st semester)
49 (2) new / 217 (75) updated entries
- Charged-particle data compilation in 2010 (2011/1st semester)
78 (46) new / 52 (19) updated entries
- Verification of EXFOR data with in-house codes (see WP2011-24,25)
and JANIS Trans checker (see WP2011-18,37)

WPEC Subgroup 30 activities

- Final Sg30 report published in January 2011 (www.oecd-nea.org/science/wpec)
- Sg30-like activities continue (see WP2011-17)

JEFF Files

JEFF-3.2

- Released within 2 years.

JEFF-3.2T1

- Assembled in March 2011 as a first step toward JEFF-3.2.
- Testing is in progress in parallel with development of new evaluations.

JEFF-3.2T1 JANIS-Book

- Comparison of about 6000 total reaction channel cross-sections from JEFF-3.2T1 with JEFF-3.1.1, ENDF/B-VII.0, JENDL-4.0, EAF-2010, TENDL-2009 and EXFOR data. See JEF/DOC-1370 (available on request).
- Useful tool to help assess the overall quality of JEFF data and serve as guidance for JEFF-3.2 selection, in complement to integral validation.

JANIS Software

JANIS 3.2

- Includes all recent major evaluated libraries.
- Available online and on DVD together with its main database from the NEA and the IAEA-NDS. The DVD image is also available at www.oecd-nea.org/janis.

JANIS Book

- Preliminary versions are produced to go along with the development of JEFF-3.2.

JANIS Trans checker

- An updated version was released for insertion into the EXFOR-Editor developed at VNIIEF (see WP2011-37).