OECD Nuclear Energy Agency

Joint Evaluated Fission and Fusion (JEFF) Nuclear Data Library Project

Agenda

JEFF Processing and Verification Working Group

OECD Headquarters,
2 Rue André Pascal,
Paris 75016

Room CC 4
Tuesday, April 26 2016
9:30 – 12:30

Please note: Only registered participants with a valid ID card or passport will be allowed access to OECD premises.

1. Introduction & Welcome   J.-Ch. Sublet (UKAEA)

2. Administrative Items   F. Michel-Sendis (NEA)

3. Processing JEFF-3.3T1

    3.1. JEFF-3.3T1 processing and verification at UKAEA   J-Ch Sublet
    3.2. JEFF-3.3T1 processing and verification at NEA with NDEC   C.J. Diez (NEA)
    3.3. JEFF-3.3T1 processing and verification at IRSN   W. Haeck (IRSN)
    3.4. JEFF-3.3T1 processing with NJOY2012.50 at SCK   A. Stankovskiy (SCK-CEN)

4. Review of feedback / format and processing issues found for JEFF-33T1, Actions to solve :
    - Negative cross sections: Ar040, Fe054, Ni061, Nb093, Gd152, Gd157;
    - U235, U238 RRR-URR Format non-conformities;
    - Non conform evaluations: Ag107, Ag109, Gd157;
    - Glitches: Sn116, Sn117;
    - Automatic thresholds correction, MF4 wrong normalisation, MF5 energies;
    - Gamma files and their contents;
    - Bad URR, negative probabilities (no PT, no URR self-shielding);
    - Mass, Q values uniformity;
    - LFS, ELFS, LIP, LIS, LISO conformities, across MF in /GP, between /GP and /DD;
    - TENDL-2015 for JEFF-3.3T1 evaluations above 30 MeV processing steps;

5. Reference NJOY-12, PREPRO-2015, CALENDF input processing decks   J.Ch. Sublet / C.J. Díez

6. Preliminary 293.6K libraries for MCNP6 and TRIPOLI4, access and distribution

7. JEFF-3.3 P&V filters and JEFF-3.3T2   J.-Ch. Sublet

8. Any Other Business

9. Adjourn