



CSEWG Annual Meeting, Nov 6-8, 2007

CSEWG Organization

Pavel Oblozinsky
National Nuclear Data Center
Brookhaven National Laboratory

oblozinsky@bnl.gov

CSEWG organization after ENDF/B-VII.0

CSEWG organization proved to work well using three basic components, this should continue in future:

1. CSEWG Executive Committee (policy issues)

- CSEWG chair, Committee chairs, lab representatives
- 1 meeting per year, informal consultations as necessary

2. CSEWG Technical Committees (technical issues)

3. NNDC Facility (provides support to CSEWG)

CSEWG Technical Committees

Increase to 5 committees, 3 new chairs

- 1) Evaluations (Mark Chadwick chair, continues)
 - No change, pillar of CSEWG
- 2) Validation (Dick McKnight chair, continues)
 - Dick proposes **Skip Kahler as new chair** in future
- 3) Measurements (Yaron Danon, **new chair**)
 - Replaced “Measurements and Basic Physics Committee”
 - Yaron was proposed as new chair by Don
- 4) Formats & Processing (Mike Dunn chair, continues)
 - Mike is **new chair since 2006**
- 5) Covariances (Don Smith, **new chair**)
 - This is **new committee**

NNDC support to CSEWG

Steadily increasing support since ENDF/B-VI.8 release

1. Database management

- M. Herman, since March 2003, introduced many **new techniques**

2. Evaluation capabilities

- Model code **Empire**-3.0 (2007), **Atlas** of Neutron Resonances (2006)
- Cross section evaluations since 2001, **covariances** since 2006

3. Processing capabilities

- R. Arcilla, new since 2005, **phase 1 testing**, ACE library to RSICC
- **Covariance** processing since 2006

4. Retrieval interface

- B. Pritychenko/A. Sonzogni, **Sigma** retrieval, new in 2007
- Angular distributions, energy spectra and covariances in 2008

5. Nuclear Data Sheets

- Started publishing selected **cross section papers**
- 1 issue in 2006 (700 hardcopies, ~800 electronic retrievals, 8 citations)
- 1 issue in 2007: Papers on U evaluations, Empire, radchem