

CSEWG Validation Meeting
BNL, June 27, 2006

Cross Section Evaluation
Working Group



ENDF/B-VII.0 Paper

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Special Issue of Nuclear Data Sheets: ~250 pages

ENDF/B-VII.0 paper~100 pages

Related papers~150 pages

1. U evaluations, LANL
2. Resonance evaluations, ORNL
3. Evaluation methodology, BNL
4. Gd evaluations, BNL-LANL-ORNL
5. Benchmarking, NRG Petten

ENDF/B-VII.0 paper

Lead Pavel & Mike, suggested by Mark

Scope Describe complete library, neutron cross sections dominant

Authors

- CSEWG dignitaries (chair, manager, committee chairs) – 1st line, CSEWG executive committee (additional 5) – other lines
- Technical merit, LANL first, other labs alphabetically

Contents

• Contents, Introduction, Overview (14 sublibraries)	5 pages
• Neutron reaction sublibrary	30
• Thermal, Standards, Photonuclear, Charged particles, Other.....	15
• Validation (neutrons, thermal).....	25
• Deficiencies, Conclusions, References.....	10
• Appendix (lists of materials)	<u>15</u>
	100

Special Issue of Nuclear Data Sheets

ENDF/B-VII.0 paper

- Validation section needed asap
- Reviewing, polishing, editing

Other papers

- Would be great to have them
- Can we do it?

Schedule

- Submitting (Sep 2006)
- Refereeing (Sep – Oct 2006)
- Printing (Nov 2006)

Cost

- Color figures, \$300/page (reduced price, full price ~\$650)
- 200 extra copies, ~\$50/copy
- Together ~\$20K (includes color plots for VII.0 only)