



CSEWG Annual Meeting, Nov 6-8, 2006

ENDF/B-VII.0 Paper and Follow-up

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Special Issue on ENDF/B-VII.0



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Nuclear Data Sheets

*A Journal Devoted to Compilations and Evaluations
of Experimental and Theoretical Results in Nuclear Physics*

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**Special Issue on
Evaluated Nuclear Data File ENDF/B-VII.0**

Special Issue Editors: P. Obložinský and M. Herman

Big Paper on ENDF/B-VII.0

- Chadwick et al. (48 authors, 16 laboratories)
- 129 pages, 119 color figures, 296 references, 3 Appendices
- Unprecedented effort
- New standard for future ENDF-type papers
- Companion paper, van der Marck “Benchmarking ENDF/B-VII.0”

- Submitted to Nuclear Data Sheets on Oct 2, 2006
- Due peer-review process
- Given to Elsevier for print on Oct 31, 2006
- Will be published in Dec 2006
- Several hundreds extra copies will be distributed
- It has potential to become a highly cited paper

Special Issue, part 2

- Discussed at the CSEWG validation meeting, June 2006
- 5 more papers related to ENDF/B-VII.0
- Total number of pages needed ~250

- Uranium evaluations, Young et al.
- Resonance evaluations, Leal et al. (?)
- EMPIRE methodology, Herman et al.
- Gd evaluations, Rochman et al. (with LANL and ORNL)
- NJOY, MacFarlane