



Files in ENDF/A

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List of ENDF/B-VII.0 deficiencies

www.nndc.bnl.gov/exfor/4web/VII.0-deficiencies.html

The screenshot shows the National Nuclear Data Center (NNDC) website. At the top, there is a navigation bar with the NNDC logo and the text "National Nuclear Data Center". To the right, the Brookhaven National Laboratory logo is visible. Below the navigation bar, there is a search bar and a list of databases: NuDat, NSR, XUNDL, ENSDF, MIRD, ENDF, CSISRS, and Sigma. The main content area is titled "Evaluated Nuclear Data File (ENDF)". It features a central banner for the "Database version of December 15, 2006" of ENDF/B-VII.0, which is described as the "Core nuclear reaction database containing evaluated (recommended) cross sections, spectra, angular distributions, fission product yields, thermal neutron scattering, photo-atomic and other data, with emphasis on neutron-induced reactions. All data are stored in the internationally adopted format (ENDF-6) maintained by CSEWG." To the left of the banner is a "Nuclear Data Sheets Reference Paper" for ENDF/B-VII.0. To the right is a "Sigma - 2.0" retrieval and plotting system, updated in April 2008. Below the banner, there are tabs for "Basic Retrieval", "Extended Retrieval", "Advanced Retrieval", "Help", and "Sigma Retrieval". The "Basic Retrieval" tab is active, showing a search form with fields for "Target", "Reaction", and "Quantity". The "Library" section is also visible, with checkboxes for "All", "Selected", and "Reset". The "Selected" option is chosen, and the following libraries are listed: ENDF/B-VII.0 (USA, 2006), JEFF-3.1 (Europe, 2005), JENDL-3.3 (Japan, 2002), and ENDF/B-VI.8 (USA, 2001). At the bottom of the search form, there are "Submit" and "Reset" buttons. A red arrow points to the "Index of ENDF/A" link in the left sidebar.

Search the NNDC:

NNDC Site Index

ENDF/B-VII.0

ENDF/B-VII.0 Home

Download Sublibrary ▶

Lists of Materials ▶

How to Reference?

Publications

Processing

Benchmarking

Deficiency List

ACE-Format Files

ENDF/A

Index of ENDF/A

ENDF-6 Formats

ENDF-6 Formats Manual

ENDF-6 Formats Tutorial

ENDF-6 Formats for SAMMY Users

ENDF Archive

CSEWG Meetings ▶

ENDF/B-VI ▶

ENDF/B-V ▶

Feedback

Comments. Questions?

Evaluated Nuclear Data File (ENDF)

Database version of December 15, 2006

ENDF/B-VII.0 officially released

Core nuclear reaction database containing evaluated (recommended) cross sections, spectra, angular distributions, fission product yields, thermal neutron scattering, photo-atomic and other data, with emphasis on neutron-induced reactions. All data are stored in the internationally adopted format (ENDF-6) maintained by CSEWG.

CSEWG 2006

Sigma - 2.0
ENDF retrieval and plotting system
April 2008

Basic Retrieval | Extended Retrieval | Advanced Retrieval | Help | **Sigma Retrieval**

Target
56fe; fe-56; 26-fe-56; fe*

Reaction
n,*; n,tot; n,g; n,f; n,inl; n,nu*

Quantity
sig; da; de; da/de; res; cov*

Library

All Selected Reset

ENDF/B-VII.0 (USA, 2006)

JEFF-3.1 (Europe, 2005)

JENDL-3.3 (Japan, 2002)

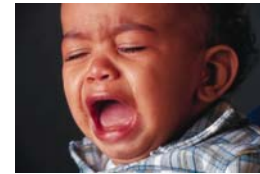
ENDF/B-VI.8 (USA, 2001)

Database Manager: Michal Herman, NNDC, Brookhaven National Laboratory (mwherman@bnl.gov)
Web and Database Programming: Viktor Zerkov, NDS, International Atomic Energy Agency (V.Zerkov@iaea.org)
Web Programming: Boris Pritychenko, NNDC, Brookhaven National Laboratory (nndoweb@bnl.gov)
Data Source: CSEWG (www.nndc.bnl.gov/csewg/) and NEA WPEC (www.nea.fr/html/science/wpec/)

Files in ENDF/A

www.nndc.bnl.gov/exfor/4web/ENDF-A/complete-evaluations/neutrons/

1. n-Am_240-new.llnl
2. n-Am_241.za-fixed
3. n-Cd_113.bnl
4. n-Cl_35.ornl
5. n-Cl_37_Y8D_070307.ornl
6. n-F_19+EGAF.llnl
7. n-F_19-new_MF_2_32.ornl-prelim
8. n-H_003.RC-fix
9. n-K_39-new_res-081015.ornl
10. n-K_41-new_res-081020.ornl
11. n-Mn_055-newRR.ornl
12. n-Mo_97.lanl-fix
13. n-Na_022.res-tot-width



Conflict!!!

Files in ENDF/A (cont.)

www.nndc.bnl.gov/exfor/4web/ENDF-A/complete-evaluations/neutrons/

14. n-Pu_239-newMF33.ornl-lanl
15. n-Pu_241.za-fixed
16. n-Rb_087.RC-fix
17. n-Ti_047.llnl-fixMF12MT91
18. n-U_233-newMF33.ornl-lanl
19. n-U_235-newMF33.ornl-lanl
20. n-U_237_11.12.2007.llnl
21. n-U_238-newMF33.ornl-lanl
22. n-W_182+EGAF.llnl ←
23. n-W_183+EGAF.llnl ←
24. n-W_184+EGAF.llnl ←
25. n-W_186+EGAF.llnl ←
26. n-Zr_90t2.bnl
27. n-Zr_96.lanl-fix



G Forge – a way to go in future

Features:

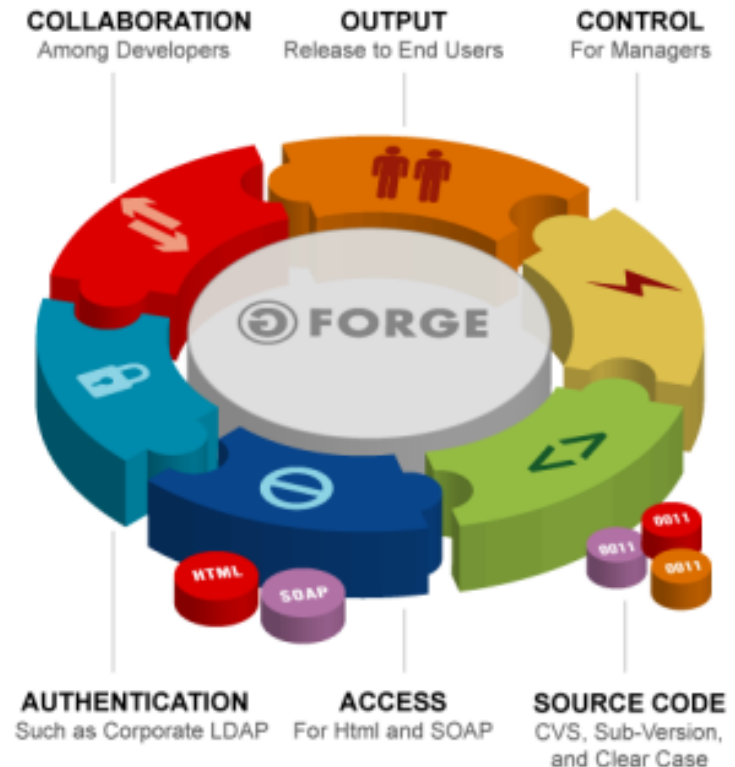
- Manage File Releases
- Document Management
- News announcements
- Surveys for users and admins
- Issue tracking
- Task management

Implementation at NNDC well advanced:

- Link to Apache web server
- Deficiency tracking
- Mailing system
- Source file managing system (cvs)
- File uploading/downloading
- Forum, mailing list

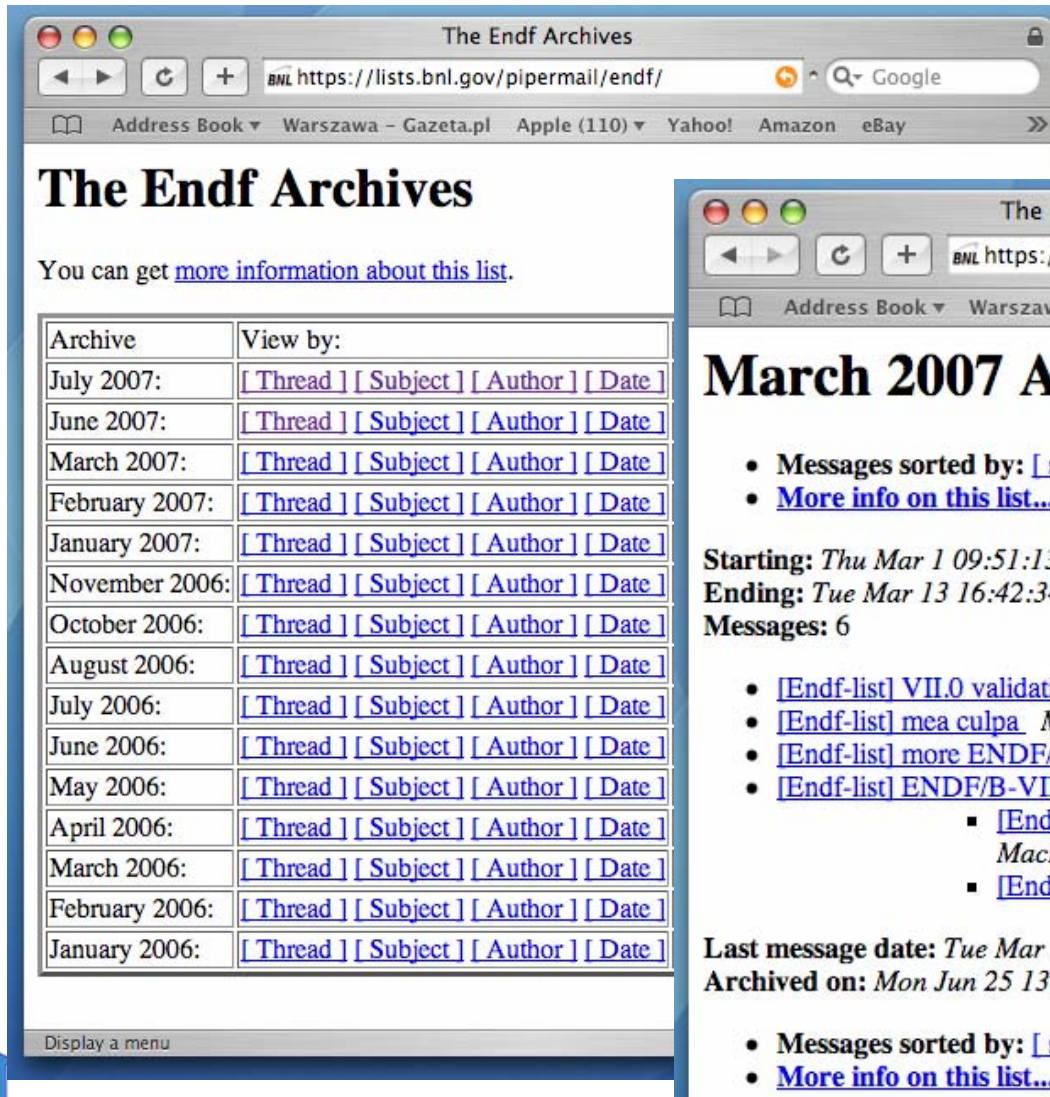
Need to do:

- Customization
- Tunneling through BNL firewall



(c) 2004, GForge Group, L.L.C.

ENDF mailing list

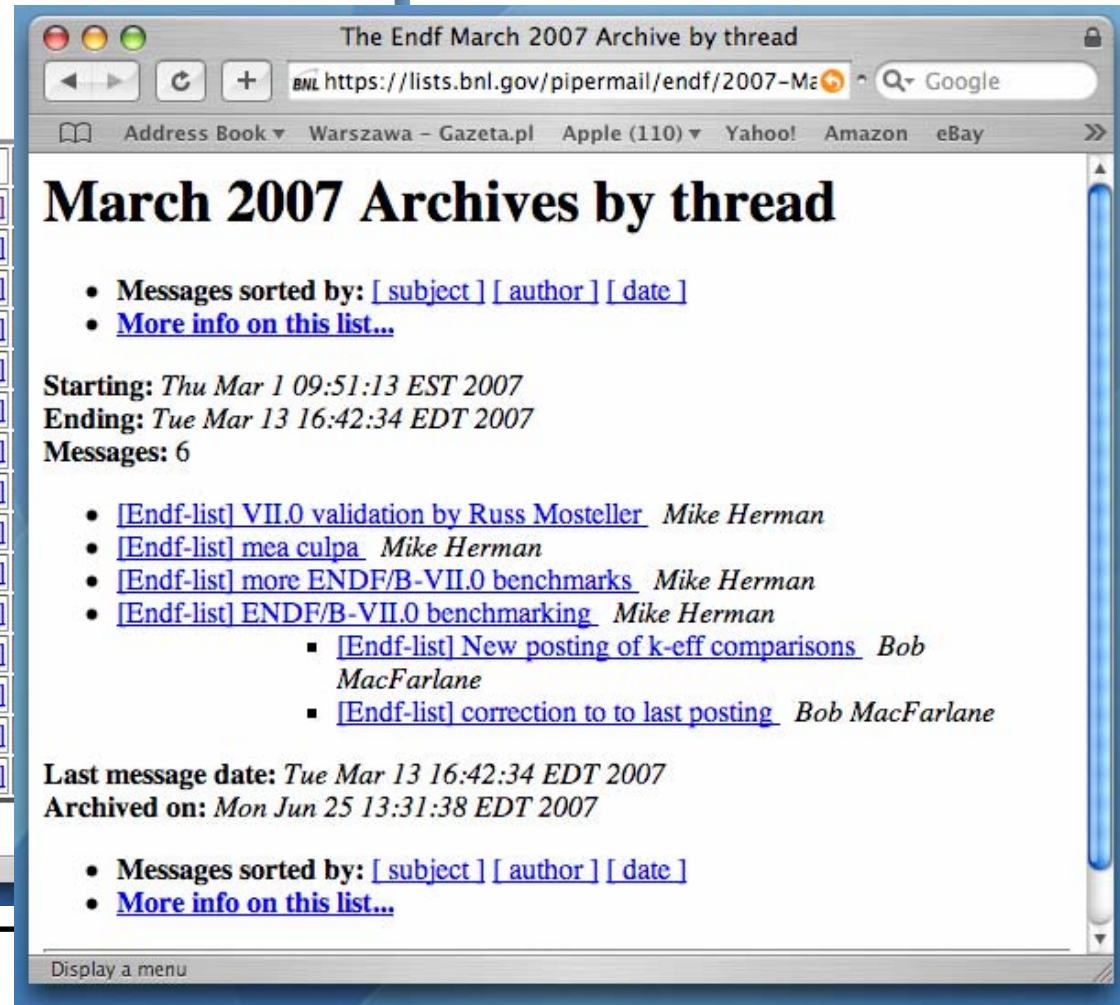


The Endf Archives

You can get [more information about this list](#).

Archive	View by:
July 2007:	[Thread] [Subject] [Author] [Date]
June 2007:	[Thread] [Subject] [Author] [Date]
March 2007:	[Thread] [Subject] [Author] [Date]
February 2007:	[Thread] [Subject] [Author] [Date]
January 2007:	[Thread] [Subject] [Author] [Date]
November 2006:	[Thread] [Subject] [Author] [Date]
October 2006:	[Thread] [Subject] [Author] [Date]
August 2006:	[Thread] [Subject] [Author] [Date]
July 2006:	[Thread] [Subject] [Author] [Date]
June 2006:	[Thread] [Subject] [Author] [Date]
May 2006:	[Thread] [Subject] [Author] [Date]
April 2006:	[Thread] [Subject] [Author] [Date]
March 2006:	[Thread] [Subject] [Author] [Date]
February 2006:	[Thread] [Subject] [Author] [Date]
January 2006:	[Thread] [Subject] [Author] [Date]

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The Endf March 2007 Archive by thread

March 2007 Archives by thread

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- [More info on this list...](#)

Starting: *Thu Mar 1 09:51:13 EST 2007*
Ending: *Tue Mar 13 16:42:34 EDT 2007*
Messages: 6

- [\[Endf-list\] VII.0 validation by Russ Mosteller](#) *Mike Herman*
- [\[Endf-list\] mea culpa](#) *Mike Herman*
- [\[Endf-list\] more ENDF/B-VII.0 benchmarks](#) *Mike Herman*
- [\[Endf-list\] ENDF/B-VII.0 benchmarking](#) *Mike Herman*
 - [\[Endf-list\] New posting of k-eff comparisons](#) *Bob MacFarlane*
 - [\[Endf-list\] correction to to last posting](#) *Bob MacFarlane*

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