



Nuclear Data Sheets/ENSDF 11/09

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ENSDF –Statistics (Oct 26, 2009)

Datasets: 16635

Nuclides: 3066

Records: 2280804

Size: 182.5 MB (178.3 MB in 3/09)

Comments Datasets: 474

Adopted Datasets: 3078

Decay Datasets: 3938

Reaction Datasets: 8854

ENSDF –Distribution

- Distributed twice a year
- Last Distributed on October 26, 2009
- Update Mode
- Full file – divided into 3 smaller files:
 - 1 to 99
 - 100 to 199
 - 200-294

XUNDL –Distribution

- Distributed Twice
- Last Distributed on October 26, 2009
- Update File
- Full file

ENSDF – Processing

- Processing Status sent every month
 - on an average ~26 (24-32) mass chains in process

ENSDF Evaluation Processing Report

J. K. Tuli

Evaluations Received since 1-October-2009:

- A-Chains: none
- Nuclides: 29F,Mg,Al;30F,Al (Basunia)

Status of Evaluation Processing

- A-Chains:

Mass no.	Evaluator	Status
31	Ouellet,Singh	Post Review (with evaluator 6-Apr-09)
32	Ouellet,Singh	Pre Review (with evaluators since 29-Oct-09)
34	Nica,Singh	Pre Review (with evaluators since 29-Oct-09)
50	Elkes,Timar,Singh	Pre Review (with evaluators since 29-Oct-09)
53	Huo	In print, NDS 110, 2689 (2009)
58	Nesaraja,Singh	Post review (with evaluator since 1-May-08)
66	Browne,Tuli	In Review (with NNDC since 23-Jul-09)
71	Abusaleem,Singh	Pre Review (with NNDC since 30-Sep-09)
72	Abriola,Sonzogni	Post Review (with NNDC since 8-Oct-09)
77	Nica,Singh	Pre Review (with evaluators since 5-Oct-09)
84	Bucharest Workshop	In print, NDS 110, 2815 (2009)
85	Singh	Pre Review (with evaluator since 20-Nov-08)
89	Singh	Pre Review (with evaluator since 20-Oct-08)
93	Baglin	Post Review (with evaluator since 12-Jun-09)
97	Nica	Post Review (with evaluator since 19-Feb-09)
113	Blachot	Post Review (with NNDC since 12-Oct-09)
116	Blachot	Post Review (with NNDC since 18-Sep-09)
119	Symochko,Browne,Tuli	In print, NDS 110, 2945 (2009)
121	Ohya	Post Review (with evaluator since 22-Jul-09)
125	Katakura	Pre Review (with NNDC since 30-Sep-09)
127	Hashizume	Post Review (with evaluator since 14-Mar-08)
133	Khazov,Rodionov	Post Review (with evaluator since 27-Jul-09)
163	Reich,Singh	In Review (with reviewer since 3-Aug-09)
168	Baglin	Pre Review (with evaluator since 17-Nov-09)
182	Singh	Post Review (with evaluator since 29-May-08)
184	Baglin	Final (with NNDC since 28-Oct-09)
192	Baglin	Pre Review (with NNDC since 30-Sep-09)
204	Chiera,Kondev	Post Review (with NNDC since 6-Oct-09)

- Nuclides:

Nuclides	Evaluator	Status
29F,Mg,Al; 30F,Al	Basunia	In ENSDF

Nuclide Priority List

Priority List

Last on April 17, 2009

Based on Experimental Papers in NSR
150 Nuclides picked

Contact NNDC if not your region

NDS

- 11 Issues (Jan-Nov, 2008)
 - 18 Mass-chain evaluations
 - 3106 pages
 - 173pg /A-chain, (previously 129, 154, 160)
- 1 Issue (Dec, 2008)
 - 200 pages
 - non-ENSDF content

NDS

Color online for Bands

Total page count (~3000)

NDS-Elsevier

As of 03-Aug-09

- User accounts: 4374

NDS- Elsevier-Downloads

Downloads (paid)

2003: 2973

2004: 5324

2005: 6861

2006: 7896

2007: 11675

2008: 12736

2009: 7625 (up to Aug 1)

NDS- Elsevier-Downloads

Downloads by Country (2006-2007):

Europe: 39%

(Sweden: 8.2%, Germany: 6.29%, France: 6.06%,
UK: 4.76%, Italy 2.81%, Belgium 2.01, Russia: 1.99%,
Switzerland 1.28%, Finland 1.08%)

Asia: 33%

(China: 12.98%, India: 5.64%, Japan: 5.51%, Iran: 2.41%, Saudi
Arabia 1.60%, Korea 1.43%, Turkey 1.25%, Israel 1.05%)

Americas: 25%

(USA: 20.5%, Canada: 1.49%, Brazil: 1.42%, Argentina: 1.05%)

Africa: 2%

Australia 1.46%

NDS- Elsevier-Downloads

Downloads by Country (2009): (in %)

Brazil (1.1),	Canada (1.8),
China (12.1),	Hungary (1.5),
India (3.1),	Italy (3.9),
Japan (7.9),	Korea (2.2),
Malaysia (3.3),	Morocco (1.4),
Russia (5.8),	Sweden (1.4),
Switzerland (2.1),	Turkey (2.8),
UK (4.1),	USA (18.6)

NDS- Elsevier-Downloads

2006-2007 Downloads:

ENDF/B-VII: 874

Benchmarking: 437

Other NDS evaluations:

208 (A=64) – 98 (A=191)

NDS- Elsevier-Downloads

2009 Downloads:

ENDF/B-VII: 191

NDS A=151: 168

NDS A=179: 76

Benchmarking: 58

Empire: 56

NDS- Elsevier-Downloads

Citations (includes self-citations):

ENDF/B-VII

Empire

NDS A=24, 122, 176

NDS A=109

NDS Impact Factor (2008): 3.404

NDS-Possible Changes

Subscriptions for the printed copy a small fraction of electronic access

Elsevier provide access by nuclides

Electronic only publication – how to cite?

Supplemental material online