



ENSDF/NDS 11/13

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ENSDF –Statistics

ENSDF Status:

(As of October 12 November 2013)

Datasets: 17938 (17638 in 2012, 1.7%)

Nuclides: 3246 (3174 in 2012)

Records: 2576981 (2,522,546 in 2012)
+2.2%

(206 Mega Bytes)

ENSDF –Statistics

Adopted Datasets: 3246

Decay Datasets: 4161 (4110)

Reactions: 9619 (9503)

ENSDF –Statistics

Decay Type	No. of datasets
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B+/EC	1237 (1230)
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B-	1079 (1074)
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A	788 (780)
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IT	502(495)
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SF	220(214)
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ENSDF –Statistics

Decay Type	No. of datasets
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B-N	134 (123)
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ECP	69 (66)
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B+P	22 (22)
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P	36 (35)
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Other	39 (36)
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(2B-, 2B+, 2EC, B-A, B-2N, EC2P, B+2P,
B+3P, ECA, B+A, 2P, 14C)

ENSDF –Distribution

- Distributed twice a year
- Last Distributed in October 2013
- Update Mode
- Full file – divided into 3 smaller files:
 - 1 to 99
 - 100 to 199
 - 200-299

ENSDF – Processing

- Processing Status sent every month
 - on an average ~28 (26-32) mass chains in process

ENSDF Evaluation Processing Report

J. K. Tuli

Evaluations Received since 1-Oct-2013:

- A-Chains: none
- Nuclides: 126,128Pd (Singh)

Status of Evaluation Processing

- A-Chains:

Mass no.	Evaluator	Status
21	Firestone	Pre Review (with evaluator since 27-Sep-13)
42	Chen,Singh	Pre Review (with evaluator since 23-Oct-12)
43	Singh,Chen	Post Review (with evaluator since 24-Aug-12)
54	Huo	Post Review (with evaluator since 8-Oct-13)
60	Browne,Tuli	Final (with NNDC since 15-Oct-13)
61	Zuber,Singh	In Review (with reviewer since 15-Jun-11)
69	Nesaraja	Final (with evaluator since 23-Aug-13)
85	Singh,Chen	Post Review (with evaluator since 28-Sep-11)
86	Negret,Singh	Pre Review (with NNDC since 30-Sep-13)
87	Johnson,Kulp	Pre Review (with evaluator since 3-Nov-12)
88	McCutchan,Sonzogni	Post review (with evaluator since 15-Jul-13)
112	Lakovski,Kondev	Pre Review (with NNDC since 30-Sep-13)
128	Timar,Elekes	Post Review (with evaluators since 25-Apr-13)
129	Timar,Elekes,Singh	Post Review (with evaluators since 13-Jan-11)
141	Nica	Post Review (with evaluator since 25-Jun-13)
146	Khazov,Rodionov,Shulyak	Post Review (with evaluators since 3-Jan-13)
148	Nica	Post Review (with NNDC since 15-Oct-13)
152	Martin	In print, NDS 114,1497 (2013)
158	Nica	Pre Review (with NNDC since 30-Sep-13)
164	Singh,Chen	Pre Review (with evaluator since 19-Oct-12)
170	Baglin	In Review (with reviewer since 25-Mar-13)
171	Baglin	Pre Review (with evaluator since 23-Jul-13)
180	McCutchan	In Review (with reviewer since 7-Aug-13)
183	Baglin	Post Review (with evaluator since 11-Sep-13)
209	Chen,Kondev	Pre Review (with NNDC since 30-Sep-13)
215	Kolkata Grp	Final (with NNDC since 15-Sep-13)
228	Abusaleem	Post review (with NNDC since 30-Sep-13)
243	Nesaraja,McCutchan	Pre Review (with NNDC since 30-Sep-13)
247	Nesaraja	Pre Review (with eval since 9-Nov-12)
250	Abusaleem	In review (with reviewer since 15-Oct-13)

- Nuclides:

Nuclides	Evaluator	Status
126,128Pd	Singh	In ENSDF

Mass chains currently being evaluated:

46, 57, 67, 70, 76, 83, 90, 105, 118, 120, 130, 139, 144, 157, 171, 174, 177
174, 177, 188, 189, 190, 209, 210, 217, 224, 239, 241-246, 248, 260-266

Nuclide Priority List

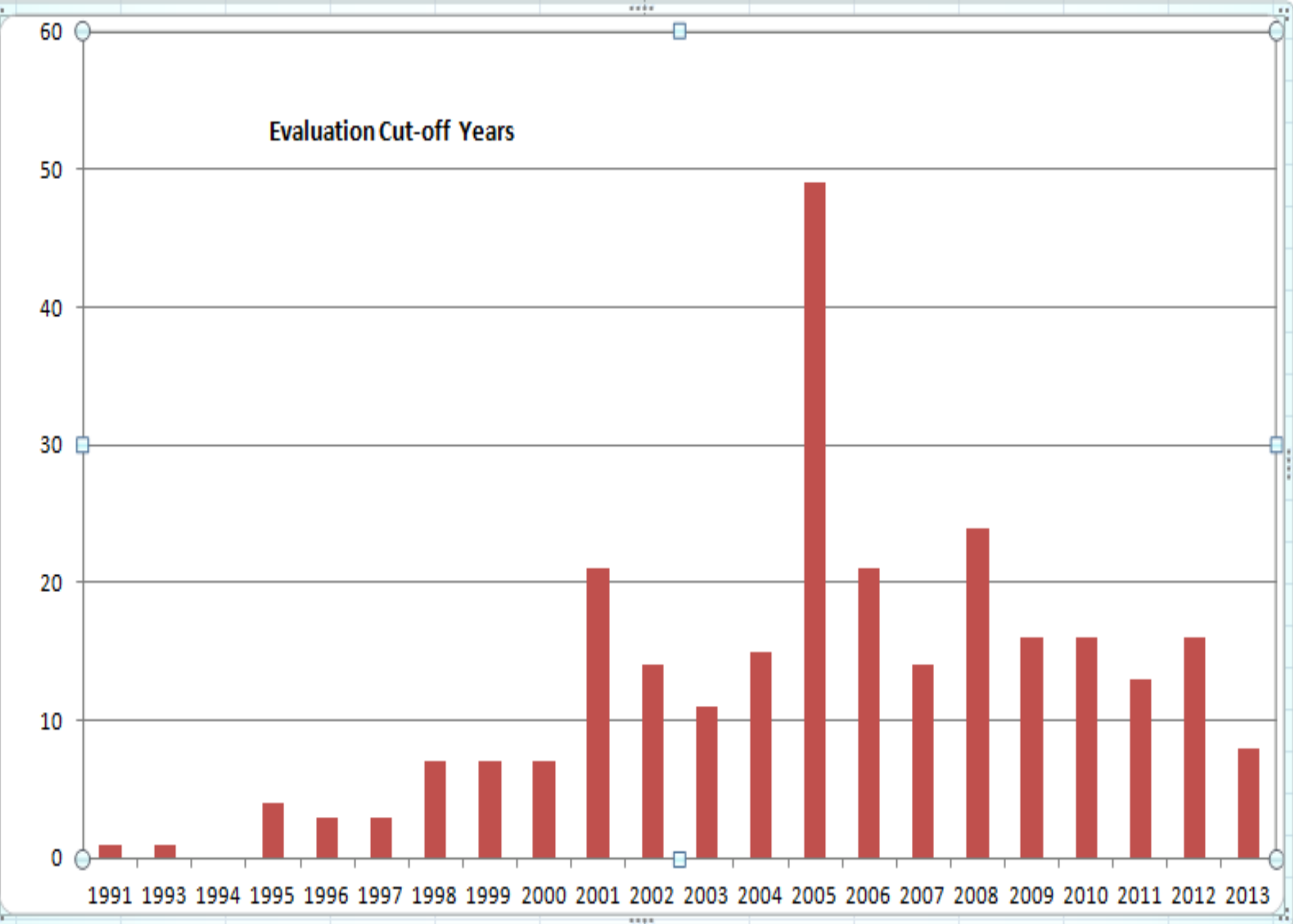
Priority List

Base on XUNDL

Contact NNDC if not their region

NDS

- 7 Issues (Jan-Nov, 2013)
 - 10 Mass-chain evaluations (16, 21)
 - 1848 pages (2940, 2886)
 - 185 pg /A-chain,
(previously 178,137,183, 129, 154,
160,173)
- 1 Issue (Dec, 2013)
 - Expected 2 mass-chains, ~225 pages



NDS-Elsevier

As of 31-Dec-2012

- User accounts: 6743 (6304 in 10/2011)
5236 in 10/2010,
4374 in 8/2009)
- Articles online 2002 (1956 in 10/2011
1909 in 10/2010)

NDS- Elsevier-Downloads

Downloads: all paid institutional

2003:	2973	
2004:	5324	
2005:	6861	
2006:	7896	
2007:	11675	
2008:	12736	
2009:	15254	14997
2010 :	15811	15451
2011:	18971	18698
2012:	18547 (thru 11/12)	19129



NDS- Elsevier-Downloads

Downloads by Country (2006-2007):

Europe: 37.1%

(Sweden: 8.2%, Germany: 7.9%, France: 6.2%,
UK: 3.8%, Italy 2.7%, Belgium 2.01, Switzerland 1.8%, Russia:
1.6%, Spain 1.5, Hungary 1.3, Sweden 1.1, Finland 1.2%)

Asia: 31.9%

(China: 10.9%, India: 7.2%, Japan: 5.4%, Iran: 3.4%, Turkey 2.1%,
Saudi Arabia 1.1%, Korea 1%, Malaysia 1.1%, Israel 0.7%)

Americas: 27.8%

(USA: 22.3%, Canada: 2.9%, Brazil: 1.8%, Argentina: 0.5)

Africa: 2.4%

(Algeria 1.3%)

Australia 0.8%

NDS- Elsevier-Downloads

Downloads by Country (2012): >1%

Algeria	1.0%
Canada	2.3%
China	12.6%
France	4.1%
Germany	5.0%
Greece	12.8%
India	4.1%
Israel	1.1%
Italy	2.8%
Japan	4.4%
Malaysia	2.6%
Romania	3.1%
Russia	1.1%
Spain	1.3%
Switzerland	1.8%
Taiwan	3.1%
UK	3.7%
USA	19.4%

NDS- Elsevier-Downloads

Largest % increase in downloads:

Greece, Romania, Taiwan

Largest % decrease

Japan, Netherlands, Spain

NDS- Elsevier-Downloads

2012-Q3 Downloads:

ENDF/B-VII.1: 200

ENDF/B-VII.0: 165

NJOY: 73

RIPL: 52

EMPIRE: 50

Benchmarking: 48

NDS evaluations: A=143 (56), 62, 29, 77, 110,
32, 36, 114, 34, 100, 99 (27)

NDS- Elsevier-Downloads

2012-Q3 Downloads:

ENDF/B-VII.1: 200

ENDF/B-VII.0: 165

NJOY: 73

RIPL: 52

EMPIRE: 50

Benchmarking: 48

NDS evaluations: A=143 (56), 62, 29, 77, 110,
32, 36, 114, 34, 100, 99 (27)

NDS- Elsevier-Citations

Most Cited (published since 2009)

RIPL: 99

Xsection Standards: 31

ENDF/B-VII.1: 18

NDS A=106: 16

NDS A=187: 13

NDS A=154 : 11

NDS A=102: 10

NDS- Elsevier-IF

NDS Impact Factor : 3.821 in 2011

Citations: 959

1.417 in 2010

Citations: 715

1.145 in 2009

Citations: 606

(3.404 in 2008)

Citations: 596

NDS - General

Subscriptions for the printed copy a very small fraction of electronic access

Elsevier Web provides download by nuclides/datasets

Electronic publication

Thank you.

