



ENSDF/NDS 10/12

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ENSDF –Statistics

ENSDF Status:

(As of October 24, 2012)

Datasets: 17638 (17361 in 2011)

Nuclides: 3174 (3172)

Records: 2,522,546 (2449989) +3%
(202 Mega Bytes)

ENSDF –Statistics

Adopted Datasets: 3174

Decay Datasets: 4110

Reactions: 9503

ENSDF –Statistics

Decay Type No. of datasets

B+/EC 1230

B- 1074

A 780

IT 495

SF 214

ENSDF –Statistics

Decay Type	No. of datasets
B-N	123
ECP	66
B+P	22
P	35
Other	36

(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 2012
- 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 ~26 (24-32) mass chains in process

ENSDF Evaluation Processing Report

J. K. Tuli

Evaluations Received since 1-Sep-2012:

- A-Chains: 87 (Johnson,Kulp), 128 (Timar), 141 (Nica), 42,164 (Singh), 170 (Baglin), 247(Nesaraja)
- Nuclides: 213Tl,213Tl,219Bi (Singh)

Status of Evaluation Processing

- A-Chains:

Mass no.	Evaluator	Status
31	Ouellet,Singh	Post Review (with evaluator since 6-Apr-09) **overdue**
42	Singh	Pre Review (with NNDC since 30-Sep-12)
43	Singh,Chen	Post Review (with evaluator since 24-Aug-12)
54	Huo	Pre Review (with evaluator since 21-Sep-12)
61	Zuber,Singh	In Review (with reviewer since 15-Jun-11)
69	Nesaraja	Post Review (with evaluator since 28-Aug-12)
75	Negret,Singh	Post Review (with evaluators since 17-Feb-12)
85	Singh,Chen	Post Review (with evaluator since 28-Sep-11)
87	Johnson,Kulp	Pre Review (with NNDC since 30-Sep-12)
88	McCutchan,Sonzogni	In review (with reviewer since 8-Jun-12)
89	Singh	Post Review (with NNDC since 25-Sep-12)
91	Baglin	Pre Review (with evaluator since 14-Nov-11)
92	Baglin	Final (with evaluator since 19-Sep-12)
115	Blachot	Post Review (with NNDC since 10-Sep-12)
128	Timar,Elekes	Pre Review (with evaluators since 24-Sep-12)
129	Timar,Elekes,Singh	Post Review (with evaluators since 13-Jan-11)
141	Nica	Pre Review (with NNDC since 19-Sep-12)
146	Khazov,Rodionov,Shulyak	In Review (with reviewer since 12-Jul-12)
148	Nica	Post Review (with evaluator since 13-Mar-12)
150	Basu,Sonzogni	Final (with evaluators since 31-May-12)
152	Martin	Post Review (with evaluator since 24-Feb-12)
156	Reich	Final (with NNDC since 12-Sep-12)
164	Singh	Pre Review (with NNDC since 26-Sep-12)
170	Baglin	Pre Review (with NNDC since 30-Sep-12)
183	Baglin	Pre Review (with evaluator since 23-Nov-11)
228	Abusaleem	Post review (with evaluator since 20-Aug-12)
247	Nesaraja	Pre Review (with NNDC since 28-Sep-12)
251-	Browne,Tuli	In review (with reviewer since 22-Jun-12)
259 (odd)		

- Nuclides:

Nuclides	Evaluator	Status
213Tl,213Tl,	Singh	In ENSDF
219Bi		

Mass chains currently being evaluated:

28, 46, 57, 60, 76, 86, 90, 112, 118, 120, 130, 139, 144, 171, 174, 177
180, 188, 189, 190, 209, 211, 224, 231, 239, 241-246, 248, 250, 260-266

Nuclide Priority List

Priority List

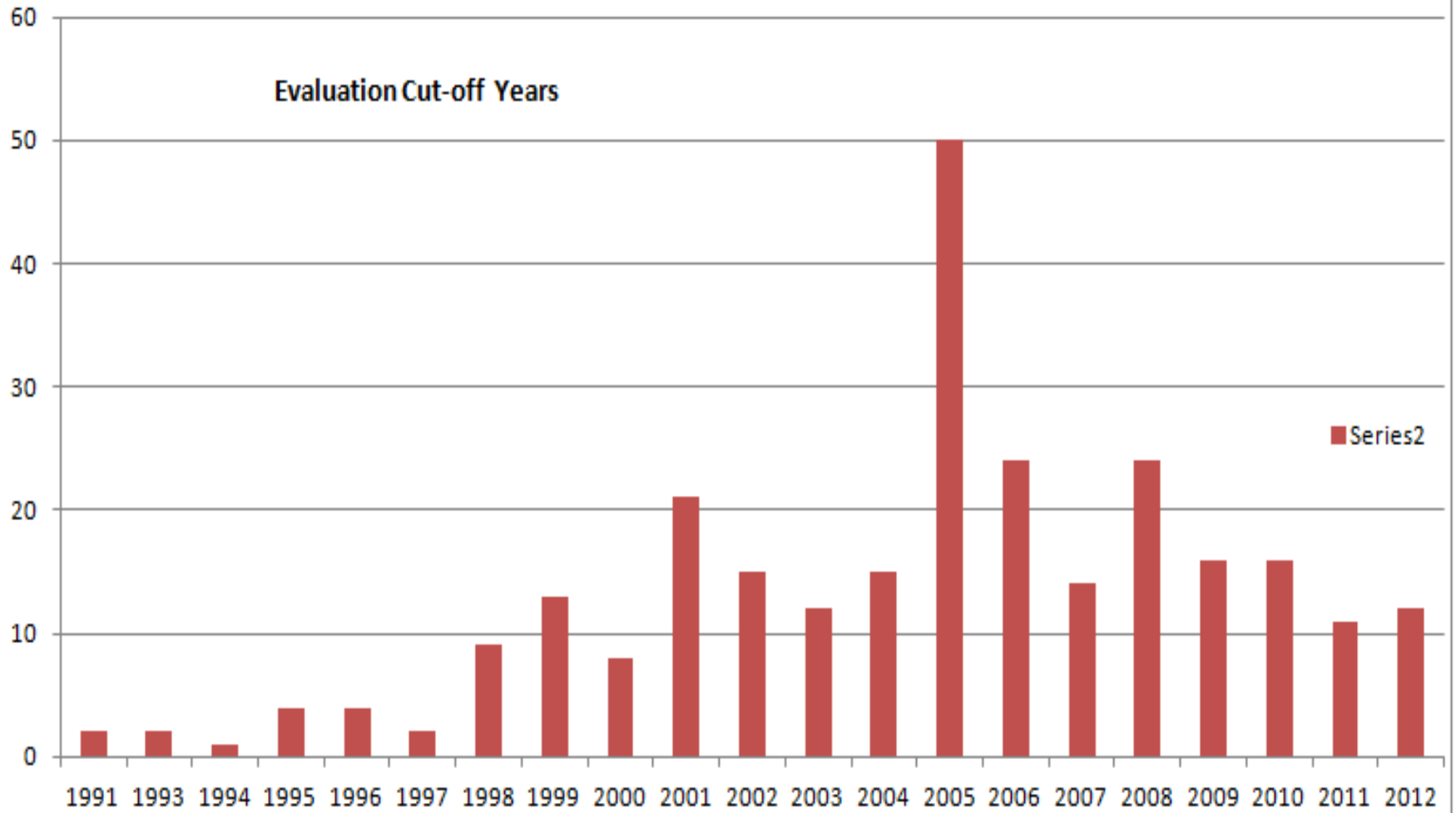
Base on XUNDL

Contact NNDC if not their region

NDS

- 9 Issues (Jan-Nov, 2012)
 - 16 Mass-chain evaluations (21)
 - 2840 pages (2886)
 - 178 pg /A-chain,
(previously 137,183, 129, 154, 160,173)
- 1 Issue (Dec, 2012)
 - 350 pages
 - non-ENSDF content

NDS



NDS-Elsevier

As of 24-Oct-2012

- User accounts: 6663 (6304 in 10/2011)
5236 in 10/2010,
4374 in 8/2009)
- Articles online 1991 (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: 13983 YTD	13711

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	1.1%
Canada	2.1%
China	12.5%
Germany	4.9%
Greece	14.5%
India	4.3%
Israel	1.2%
Italy	2.7%
Japan	3.9%
Malaysia	2.9%
Romania	3.5%
Spain	1.3%
Switzerland	1.4%
Taiwan	3.6%
UK	3.5%
USA	19.2%

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-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 - Changes

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

Elsevier Web provides download by nuclides/datasets

Electronic publication

Thank you.

