



Nuclear Data Sheets/ENSDF 11/11

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ENSDF –Statistics (Nov., 2011)

Datasets: 17361 (In 2010:16966)

Nuclides: 3172 (3119)

Records: 2,449,989 (2,358,801) +4.0%

Size: 196 MB(182.5 MB)

Comments Datasets: 578 (523)

Adopted Datasets: 3184 (3133)

Decay Datasets: 4060 (4000)

Reaction Datasets: 9249 (9019)

ENSDF –Distribution

- Distributed twice a year
- Last Distributed on September 23, 2011
- Update Mode
- Full file – divided into 3 smaller files:
 - 1 to 99
 - 100 to 199
 - 200-299

XUNDL –Distribution

- Distributed Twice
- Last Distributed on September 23, 2011
- 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-Oct-2011:

- A-Chains: 228 (Abusaleem)
- Nuclides: 56K,Ca,Sc (Singh)

Status of Evaluation Processing

- A-Chains:

Mass no.	Evaluator	Status
31	Ouellet,Singh	Post Review (with evaluator since 6-Apr-09)
34	Nica,Singh	Post Review (with evaluators since 4-Feb-10)
35	Chen,Cameron,Singh	In print, NDS 112,2715 (2011)
36	Nica,Cameron,Singh	Post Review (with evaluator since 9-May-11)
37	Cameron,Chen,Singh,Nica	Post Review (with evaluators since 3-Dec-10)
43	Singh,Chen	Pre Review (with NNDC since 30-Sep-11)
61	Zuber,Singh	In Review (with reviewer since 15-Jun-11)
62	Nichols,Singh,Tuli	In Review (with reviewer since 19-Oct-11)
69	Nesraja	Pre Review (with evaluator since 24-Oct-11)
75	Negret,Singh	In Review (with reviewer since 26-Jul-11)
77	Nica,Singh	Post Review (with evaluators since 25-May-10)
85	Singh,Chen	Post Review (with evaluator since 28-Sep-11)
89	Singh	Post Review (with evaluator since 2-Aug-10)
91	Baglin	Pre Review (with NNDC since 30-Sep-11)
92	Baglin	Post Review (with evaluator since 22-Jun-11)
110	Gurdal,Kondev	Pre Review (with NNDC since 20-Oct-11)
114	Blachot	Post Review (with evaluator since 1-Nov-11)
115	Blachot	Pre Review (with NNDC since 17-Oct-11)
129	Timar,Elekes,Singh	Post Review (with evaluators since 13-Jan-11)
143	Browne,Tuli	In review (with reviewer since 1-Oct-11)
148	Nica	Pre Review (with evaluator since 5-Oct-11)
150	Basu,Sonzogni	Post Review (with evaluators since 3-Dec-10)
152	Martin	In Review (with reviewer since 3-Oct-11)
159	Reich	Post Review (with evaluator since 2-Nov-11)
161	Reich	In print, NDS 112, 2497 (2011)
183	Baglin	Pre Review (with NNDC since 30-Sep-11)
192	Baglin	Post Review (with evaluator since 27-Jun-11)
222	SSingh,Jain,Tuli	In print, NDS 112,2851 (2011)
228	Abusaleem	Pre review (with NNDC since 13-Oct-11)

- Nuclides:

56K,Ca,Sc Singh In ENSDF

Mass chains currently being evaluated:

29, 46, 57, 68, 76, 86, 87, 88, 112, 118, 120, 128, 130, 139, 141, 144, 146, 156,
174, 177, 188, 189, 190, 209, 224, 253, 254-259, 260-266

Nuclide Priority List

Priority List

Last on April 17, 2009

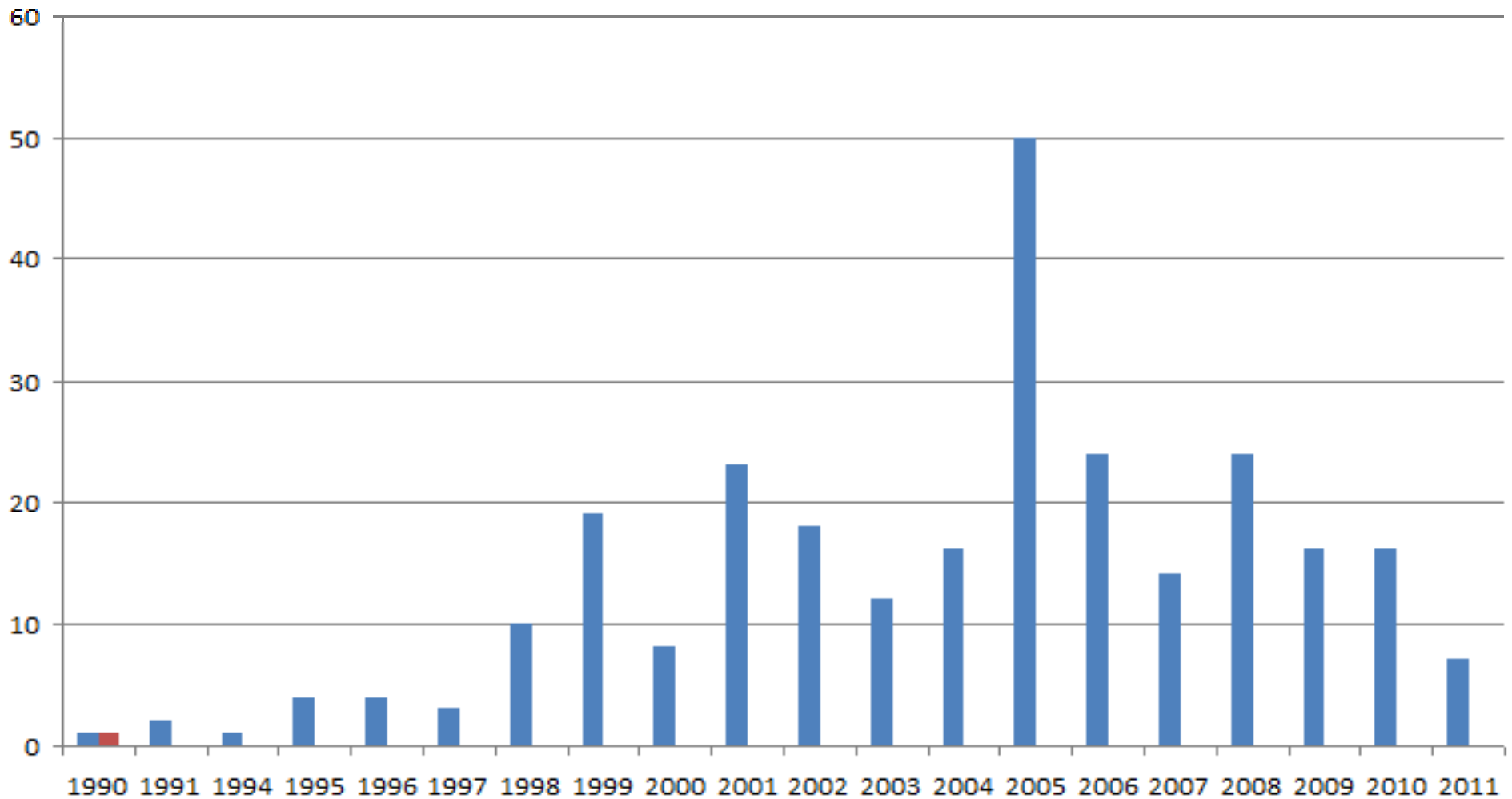
Base on XUNDL

Contact NNDC if not your region

NDS

- 11 Issues (Jan-Nov, 2011)
 - 21 Mass-chain evaluations (15)
 - 2886 pages (2738)
 - 137 pg /A-chain,
(previously 183, 129, 154, 160,173)
- 1 Issue (Dec, 2011)
 - 265 pages
 - non-ENSDF content

Evaluation Cut-off Year



NDS-Elsevier

As of 28-Oct-2010

- User accounts: 6304 (5236 in 10/10, 4374 in 8/09)
- Articles online 1956 (1909 in 10/10)

NDS- Elsevier-Downloads

Downloads (paid)

2003:	2973
2004:	5324
2005:	6861
2006:	7896
2007:	11675
2008:	12736
2009:	15254
2010 :	15811
2011:	13606 (YTD)

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 (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

Largest % increase in downloads:

India (7.2%)

Lithuania (0.6%)

Ukraine (0.9%)

NDS- Elsevier-Downloads

Largest decrease in Downloads

China (10.9%)

Japan (5.4%)

USA (22.3%)

NDS- Elsevier-Downloads

2011-Q2 Downloads:

A=193 (NDS06): 304

ENDF/B-VII: 229

RIPL: 106

Benchmarking: 52

NJOY: 97, EMPIRE, FYId: 57

NDS evaluations:

76 (A=133) – 19 (A=58)

NDS- Elsevier-Citations

Most Cited (published since 2007)

RIPL: 46

Xsection Standards: 20

NDS A=106: 16

Low Fidelity Covariances: 14

NDS A=96: 12

NDS A=100: 12

NDS A=187: 10

NDS- Elsevier-IF

NDS Impact Factor : 1.417 in 2010
1.145 in 2009
(3.404 in 2008)

Down due to covariance workshop
proceedings in 12/2008

NDS - Changes

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

Elsevier Web provides download by nuclides/datasets

Electronic publication