

ENSDF Analysis Codes and Web Access

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ENSDF –Analysis Codes

**ALPHAD, Brlcc, DELTA, FMTCHK, ENSDAT,
GTOL, LOGFT, NSDFLIB, PANDORA,
RULER and others still distributed
(http://www.nndc.bnl.gov/nndcscr/ensdf_pgm/analysis/)**

**Brlcc, fmtchk, gtol, logft, pandora, ruler,
and nsdflib95 added to source control**

**Compaq/Digital Visual and Lahey/Fujitsu
FORTRAN for Windows and Lahey/Fujitsu
FORTRAN 95 for Linux.**

ENSDF –Analysis Codes

Code Revisions:

See the relevant "Read Me's" for details

Code Status online

Brlcc: Supported by Tibor Kibedi

GTOL modified by Tibor Kibedi

- **Added NOFF=0**
- **Changed to double precision values in DCNVUS subroutine**

ENSDF –Analysis Codes

Known problems with the following codes:

1. Ruler – Large error bars in mixing ratios leads to incorrect results

2. Please let me know of any others....

ENSDF –Analysis Codes

NNDC will continue to maintain and distribute ENSDF analysis codes.

Tim Johnson at NNDC responsible for the codes.

ENSDF – Analysis Codes

-- subversion

The screenshot shows a web browser window with the URL `https://hndctx4.bnl.gov/gf/project/ensdfanalysis/scmsvn/?action=browse&path=%2Ftrunk`. The page is titled "Index of /trunk" and displays a list of files and directories. The interface includes a navigation menu on the left, a search bar, and a "Sticky Revision" field. The file list shows various subdirectories and files, all with a revision of 2, except for "anal/" which has a revision of 4. The "anal/" entry has a "Last log entry" of "Added Tim Johnson as a contact".

Files shown: 3
Directory revision: 4 (of 4)
Sticky Revision: Set

File	Rev	Age	Author	Last log entry
Parent Directory				
len/	2	5 months	johnsont	
leico/	2	5 months	johnsont	
build/	2	5 months	johnsont	
documentary/	2	5 months	johnsont	
hndctx/	2	5 months	johnsont	
anal/	4	20 hours	johnsont	Added Tim Johnson as a contact
loaf/	2	5 months	johnsont	
nautilus/	2	5 months	johnsont	
pandora/	2	5 months	johnsont	
rules/	2	5 months	johnsont	
Maketls	2	5 months	johnsont	
macros.mak	2	5 months	johnsont	
rules.mak	2	5 months	johnsont	

Powered by [ViewVC 1.0.1](#)

ViewVC Help

FORGE
Advanced Server

ENSDF – Analysis Codes

-- bug tracking

The screenshot shows a web browser window displaying the Forge bug tracking system. The browser's address bar shows the URL: `https://ndc4.bnl.gov/gf/project/ensdf/analysis/tracker/?action=TrackerItemAdd&tracker`. The page title is "Add new Tracker Item".

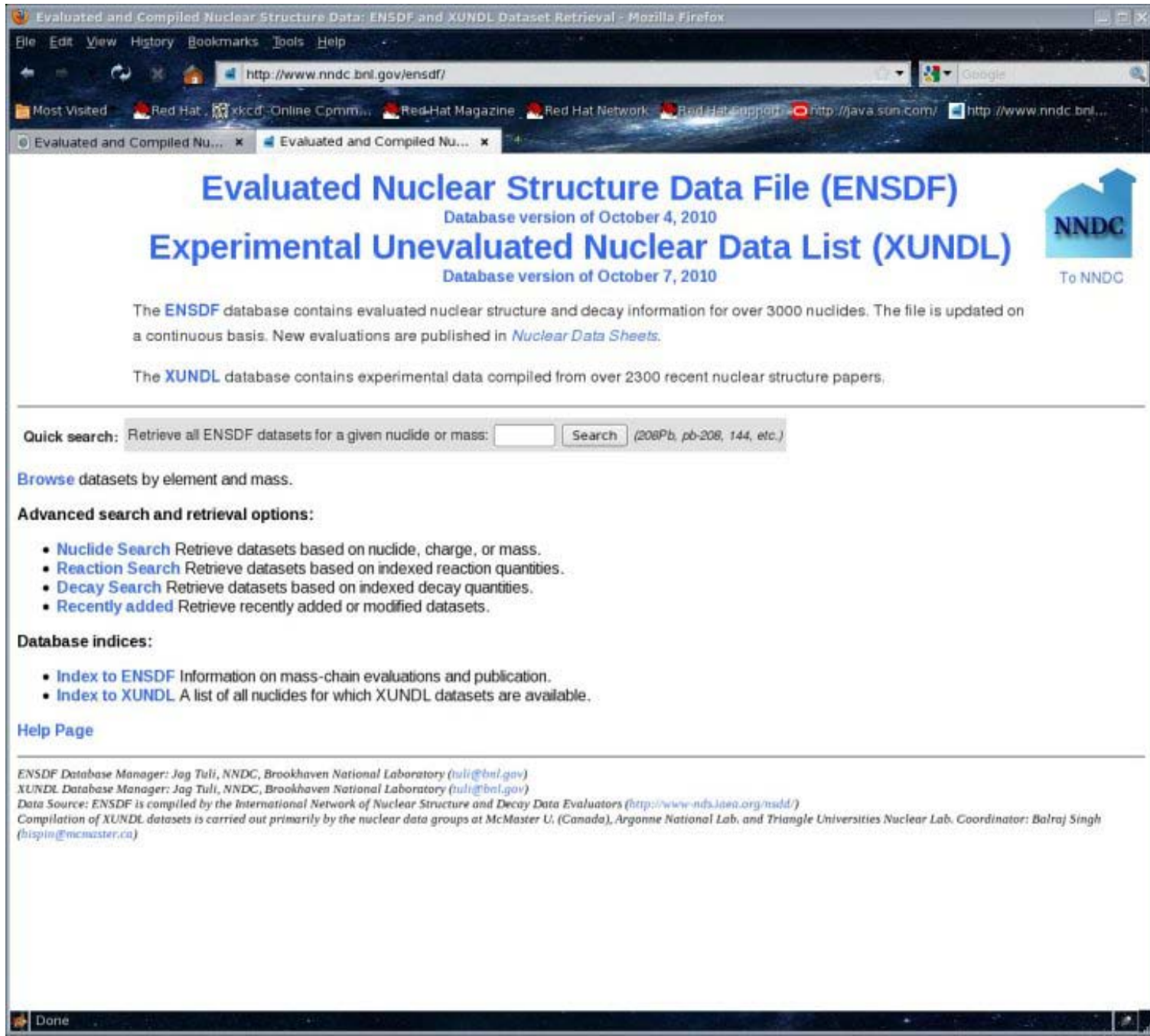
The interface includes a navigation menu on the left with the following items: Summary, Admin, Reporting, Search, Forums, Tracker, Bugs, Browse, Add new Tracker Item, Query, E-mail Gateway, Monitor tracker, Users monitoring Track, Workflow rules, Admin, Support, Patches, Feature Requests, To-Do, Admin, Docs, News, Files, Lists, Wiki, and SVN.

The main content area is titled "Add new Tracker Item" and contains the following form fields:

- Priority:
- Assignee: (Dropdown menu with options: None, Jagdish Tuli, David Winches, Tina Johnson, Caleb Mattoon, Ramon Arcilla)
- Status*: (Dropdown menu)
- Found In Release: (Dropdown menu)
- Fixed In Release: (Dropdown menu)
- Duration (Days):
- Estimated Effort (Hours):
- Percent Complete (0-100):
- Hardware: (Dropdown menu)
- Product: (Dropdown menu)
- Operating System: (Dropdown menu)
- Component: (Dropdown menu)
- Severity: (Dropdown menu)
- Resolution: (Dropdown menu)
- URL:
- Summary*:
- Details*:

The bottom of the browser window shows the "Done" status.

ENSDF – Web Access



Evaluated and Compiled Nuclear Structure Data: ENSDF and XUNDL Dataset Retrieval - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://www.nndc.bnl.gov/ensdf/

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Evaluated and Compiled Nu... x Evaluated and Compiled Nu... x

Evaluated Nuclear Structure Data File (ENSDF)

Database version of October 4, 2010

Experimental Unevaluated Nuclear Data List (XUNDL)

Database version of October 7, 2010



To NNDc

The **ENSDF** database contains evaluated nuclear structure and decay information for over 3000 nuclides. The file is updated on a continuous basis. New evaluations are published in [Nuclear Data Sheets](#).

The **XUNDL** database contains experimental data compiled from over 2300 recent nuclear structure papers.

Quick search: Retrieve all ENSDF datasets for a given nuclide or mass: (208Pb, pb-208, 144, etc.)

[Browse](#) datasets by element and mass.

Advanced search and retrieval options:

- [Nuclide Search](#) Retrieve datasets based on nuclide, charge, or mass.
- [Reaction Search](#) Retrieve datasets based on indexed reaction quantities.
- [Decay Search](#) Retrieve datasets based on indexed decay quantities.
- [Recently added](#) Retrieve recently added or modified datasets.

Database indices:

- [Index to ENSDF](#) Information on mass-chain evaluations and publication.
- [Index to XUNDL](#) A list of all nuclides for which XUNDL datasets are available.

[Help Page](#)

ENSDF Database Manager: Jag Tuli, NNDc, Brookhaven National Laboratory (tuli@bnl.gov)
XUNDL Database Manager: Jag Tuli, NNDc, Brookhaven National Laboratory (tuli@bnl.gov)
Data Source: ENSDF is compiled by the International Network of Nuclear Structure and Decay Data Evaluators (<http://www.nsd.jaea.org/nsdd/>)
Compilation of XUNDL datasets is carried out primarily by the nuclear data groups at McMaster U. (Canada), Argonne National Lab, and Triangle Universities Nuclear Lab. Coordinator: Balraj Singh (bsipin@mcmaster.ca)

Done

ENSDF – Web Access

New look and feel

The screenshot shows a Mozilla Firefox browser window displaying the ENSDF web interface. The browser's address bar shows the URL `http://localhost:8080/nndc-dbs/ensdf/ensdf.jsp#`. The page header features the National Nuclear Data Center (NNDC) logo and the Brookhaven National Laboratory logo. Below the header, a navigation bar lists various databases: NaDat, NSR, XUNDL, ENSDF, MIRD, ENDF, CSISRS, and Sigma. The main content area is titled "Evaluated Nuclear Structure Data File (ENSDF)" and includes the text "Last updated Oct 29, 2010" and "Evaluated nuclear structure and decay information for over 2900 nuclides. Updated on a continuous basis with new evaluations published in [Nuclear Data Sheets](#)." A link to "Browse datasets by element and mass or search the ENSDF indices" is provided. Below this, there are navigation tabs: "Quick Search", "By Nuclide", "By Reaction", "By Decay", and "Recently Added". A search bar is present with the text "Retrieve all ENSDF datasets for a given nuclide or mass:" followed by an input field containing "75" and a "Search" button. The footer contains a "Help Page" link and contact information for the ENSDF Database Manager (Jag Tuli), Web and Programming (Tim Johnson), and Data Source (International Network of Nuclear Structure and Decay Data Evaluators).

Evaluated and Compiled Nuclear Structure Data: ENSDF Dataset Retrieval - Mozilla Firefox

File Edit View History Bookmarks Tools Help

`http://localhost:8080/nndc-dbs/ensdf/ensdf.jsp#` Google

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Evaluated and Compiled Nuclea...

NNDC National Nuclear Data Center

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NNDC Database: NaDat | NSR | XUNDL | ENSDF | MIRD | ENDF | CSISRS | Sigma

Evaluated Nuclear Structure Data File (ENSDF)

Last updated Oct 29, 2010

Evaluated nuclear structure and decay information for over 2900 nuclides.
Updated on a continuous basis with new evaluations published in [Nuclear Data Sheets](#).

[Browse](#) datasets by element and mass or search the ENSDF [indices](#).

Quick Search By Nuclide By Reaction By Decay Recently Added

Retrieve all ENSDF datasets for a given nuclide or mass: Search (208Pb, pb-208, 144, etc.)

[Help Page](#)

ENSDF Database Manager: Jag Tuli, NNDC, Brookhaven National Laboratory (tuli@bnl.gov)
Web and Programming: Tim Johnson, NNDC, Brookhaven National Laboratory (johnson@bnl.gov)
Data Source: ENSDF is compiled by the International Network of Nuclear Structure and Decay Data Evaluators (<http://www-nds.iaea.org/nsdd/>)

Done

ENSDF – Web Access

Current dataset search

Datasets for A=75 - Mozilla Firefox

http://www.nndc.bnl.gov/ensdf/quicksearch_act.jsp

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Evaluated and Compiled Nu... Datasets for A=75

Datasets for A=75

Matching datasets in ENSDF:

<input type="checkbox"/>	75	COMMENTS	References
<input type="checkbox"/>		REFERENCES	References
<input type="checkbox"/>	⁷⁵ Co	ADOPTED LEVELS	References
<input type="checkbox"/>	⁷⁵ Ni	ADOPTED LEVELS	References
<input type="checkbox"/>	⁷⁵ Cu	ADOPTED LEVELS	References
<input type="checkbox"/>	⁷⁵ Zn	ADOPTED LEVELS	References
<input type="checkbox"/>		76CU B-N DECAY (0.641 S)	References
<input type="checkbox"/>		76GE(14C, 15O)	References
<input type="checkbox"/>	⁷⁵ Ga	ADOPTED LEVELS, GAMMAS	References
<input type="checkbox"/>		75ZN B- DECAY (10.2 S)	References
<input type="checkbox"/>		76GE(D, 3HE)	References
<input type="checkbox"/>	⁷⁵ Ge	ADOPTED LEVELS, GAMMAS	References
<input type="checkbox"/>		75GA B- DECAY (126 S)	References
<input type="checkbox"/>		75GE IT DECAY (47.7 S)	References
<input type="checkbox"/>		73GE(T,P)	References
<input type="checkbox"/>		74GE(N,G) E-THERMAL	References
<input type="checkbox"/>		74GE(D,P), (POL D,P)	References
<input type="checkbox"/>		74GE(D,PG)	References
<input type="checkbox"/>		76GE(P,D)	References
<input type="checkbox"/>		76GE(D,T)	References
<input type="checkbox"/>	⁷⁵ As	ADOPTED LEVELS, GAMMAS	References
<input type="checkbox"/>		75GE B- DECAY (82.78 M)	References
<input type="checkbox"/>		75GE B- DECAY (47.7 S)	References

Done

ENSDF – Web Access

Proposed new dataset search

Nuclide Browse - Mozilla Firefox

http://localhost:8080/nndc-dbs/DatasetFetchServlet?nucbutton=75&searchType=browse&datasour

Nuclide Browse Datasets for A=75

Nuclide National Nuclear Data Center BROOKHAVEN NATIONAL LABORATORY

Nuclide Databases: NuDat | NSR | XUNDL | ENSDF | MIRD | ENDF | CSISRS | Sigma

Revise Search

Matching datasets in ENSDF

Nuclide	Dataset	Last Updated	References	
	<input type="checkbox"/> Select All			
75	<input type="checkbox"/> COMMENTS	2010-01-29 00:00:00.0	All references	
	<input type="checkbox"/> REFERENCES	2010-01-29 00:00:00.0	All references	
75 As	<input type="checkbox"/> ADOPTED LEVELS, GAMMAS	2010-01-29 00:00:00.0	All references	
	<input type="checkbox"/> 75GE B- DECAY (82.78 M)	2010-01-29 00:00:00.0	All references	
	<input type="checkbox"/> 75GE B- DECAY (47.7 S)	2010-01-29 00:00:00.0	All references	
	<input type="checkbox"/> 75AS IT DECAY (17.62 MS)	2010-01-29 00:00:00.0	All references	
	<input type="checkbox"/> 75SE EC DECAY (119.79 D)	2010-01-29 00:00:00.0	All references	
	<input type="checkbox"/> 74GE(P,G)	2010-01-29 00:00:00.0	All references	
	<input type="checkbox"/> 74GE(P,X) IAR	2010-01-29 00:00:00.0	All references	
	<input type="checkbox"/> 74GE(3HE,D)	2010-01-29 00:00:00.0	All references	
	<input type="checkbox"/> 75AS(G,G')	2010-01-29 00:00:00.0	All references	
	<input type="checkbox"/> 75AS(N,N'G)	2010-01-29 00:00:00.0	All references	
	<input type="checkbox"/> COULOMB EXCITATION	2010-01-29 00:00:00.0	All references	
	<input type="checkbox"/> 76SE(D,3HE)	2010-01-29 00:00:00.0	All references	
	75 Br	<input type="checkbox"/> ADOPTED LEVELS, GAMMAS	2010-01-29 00:00:00.0	All references
		<input type="checkbox"/> 75KR EC DECAY (4.29 M)	2010-01-29 00:00:00.0	All references
<input type="checkbox"/> 48Tl(30S,P2NG)		2010-01-29 00:00:00.0	All references	
<input type="checkbox"/> 62Ni(16O,P2NG),58Ni(24MG,A3PG)		2010-01-29 00:00:00.0	All references	
<input type="checkbox"/> 74SE(P,G), (D,NG), (3HE,PNG)		2010-01-29 00:00:00.0	All references	
<input type="checkbox"/> 74SE(P,P),(P,P') IAR		2010-01-29 00:00:00.0	All references	
<input type="checkbox"/> (H,LXNG)		2010-01-29 00:00:00.0	All references	

Done

ENSDF – Web Access ... and XUNDL

The screenshot shows a Mozilla Firefox browser window displaying the 'Experimental Unevaluated Nuclear Data List (XUNDL) Dataset Retrieval' page. The browser's address bar shows the URL 'http://localhost:8080/nndc-dbs/ensdf/xundl.jsp'. The page header includes the NNDC logo and the Brookhaven National Laboratory logo. Below the header, there is a navigation menu with links for 'NaDat', 'NSR', 'XUNDL', 'ENSDF', 'MIRD', 'ENDP', 'CSISRS', and 'Sigma'. The main content area features the title 'Experimental Unevaluated Nuclear Data List (XUNDL)' and a sub-header 'Last updated Oct 29, 2010'. A description states 'Contains experimental data compiled from over 2300 recent nuclear structure papers.' Below this, there is a link to 'Browse datasets by element and mass or search the XUNDL indices.' A search interface is provided with tabs for 'Quick Search', 'By Nuclide', 'By Reaction', 'By Decay', and 'Recently Added'. The search bar contains the text 'Retrieve all XUNDL datasets for a given nuclide or mass: 75' and a 'Search' button. The footer of the page includes a 'Help Page' link and contact information for the NNDC Database Manager (Jag Tuli) and Web and Programming (Tim Johnson).

Experimental Unevaluated Nuclear Data List: XUNDL Dataset Retrieval - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://localhost:8080/nndc-dbs/ensdf/xundl.jsp

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Experimental Unevaluated Nucle...

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Home

NNDC Database: NaDat | NSR | XUNDL | ENSDF | MIRD | ENDP | CSISRS | Sigma

Experimental Unevaluated Nuclear Data List (XUNDL)

Last updated Oct 29, 2010

Contains experimental data compiled from over 2300 recent nuclear structure papers.

[Browse](#) datasets by element and mass or search the XUNDL [indices](#).

Quick Search | **By Nuclide** | By Reaction | By Decay | Recently Added

Retrieve all XUNDL datasets for a given nuclide or mass: (208Pb, pb-208, 144, etc.)

[Help Page](#)

XUNDL Database Manager: Jag Tuli, NNDC, Brookhaven National Laboratory (tuli@bnl.gov) Web and Programming: Tim Johnson, NNDC, Brookhaven National Laboratory (johnson@bnl.gov)
Data Source: ENSDF is compiled by the International Network of Nuclear Structure and Decay Data Evaluators (<http://www-nds.inec.org/nndc/>)

Done

ENSDF – Web Access ... other search types

The screenshot shows a web browser window displaying the National Nuclear Data Center (NNDC) website. The browser's address bar shows the URL `http://localhost:8080/nndc-dbs/ensdf/xundl.jsp#`. The page header includes the NNDC logo and the Brookhaven National Laboratory logo. The main content area is titled "Experimental Unevaluated Nuclear Data List (XUNDL)" and indicates it was last updated on Oct 29, 2010. It states that the list contains experimental data compiled from over 2300 recent nuclear structure papers. Below this, there is a link to "Browse datasets by element and mass or search the XUNDL indices." The search interface features several tabs: "Quick Search", "By Nuclide", "By Reaction", "By Decay", and "Recently Added". Under "Quick Search", there are four search criteria: "Dataset types" (with checkboxes for Decay, Reaction, Comments, and Reference), "Nuclide Z range" (with a search box containing 'U' and a "Search" button), "Nuclide A range" (with a search box and a "Search" button), and "Nuclide" (with a search box and a "Search" button). The footer of the page provides contact information for the XUNDL Database Manager (Jag Tuli) and Web and Programming (Tim Johnson), along with the source of the ENSDF data.

Experimental Unevaluated Nuclear Data List: XUNDL Dataset Retrieval - Mozilla Firefox

File Edit View History Bookmarks Tools Help

`http://localhost:8080/nndc-dbs/ensdf/xundl.jsp#` Google

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Experimental Unevaluated Nucle...

NNDC National Nuclear Data Center **BROOKHAVEN** NATIONAL LABORATORY Home

NNDC Database: NuDat | NSR | XUNDL | ENSDF | MIRD | ENDP | CSISRS | Sigma

Experimental Unevaluated Nuclear Data List (XUNDL)

Last updated Oct 29, 2010

Contains experimental data compiled from over 2300 recent nuclear structure papers.

[Browse](#) datasets by element and mass or search the XUNDL [indices](#).

[Quick Search](#) [By Nuclide](#) [By Reaction](#) [By Decay](#) [Recently Added](#)

Dataset types:

Decay Reaction Comments Reference

Nuclide Z range: (56, 80-82, 102-, Ca, Zr-mo, -Na, ...)

Nuclide A range: (56, 120-130, 208-, ...)

Nuclide: (58Ni, pb-208, ...)

[Help Page](#)

XUNDL Database Manager: Jag Tuli, NNDC, Brookhaven National Laboratory (tuli@bnl.gov) Web and Programming: Tim Johnson, NNDC, Brookhaven National Laboratory (johnson@bnl.gov)
Data Source: ENSDF is compiled by the International Network of Nuclear Structure and Decay Data Evaluators (<http://www-nds.jaea.org/nds/>)

Done

ENSDF – Web Access ... and XUNDL

Datasets for 75 - Mozilla Firefox

http://localhost:8080/nndc-dbs/DatasetFetchServlet

National Nuclear Data Center

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NNDc Databases: NuDat | NSR | XUNDL | ENSDF | MIRD | ENDF | CSISRS | Sigma

Datasets for 75

Results from quick search

Revise Search

Matching datasets in XUNDL

Nuclide	Dataset	Last Updated	References
	<input type="checkbox"/> Select All		
⁷⁵ As	<input type="checkbox"/> 75SE EC DECAY:119.79 D:XUNDL-1	2010-01-29 00:00:00.0	All references
	<input type="checkbox"/> 76SE(D,3HE):XUNDL-2	2010-01-29 00:00:00.0	All references
	<input type="checkbox"/> 74GE(3HE,D):XUNDL-3	2010-01-29 00:00:00.0	All references
⁷⁵ Br	<input type="checkbox"/> 48Tl(30Si,P2NG):XUNDL-1	2010-01-29 00:00:00.0	All references
	<input type="checkbox"/> 51V(28Si,2N2PG):XUNDL-2	2010-01-29 00:00:00.0	All references
⁷⁵ Cu	<input type="checkbox"/> U(P,X):J,MOMENT:XUNDL-1	2010-01-29 00:00:00.0	All references
⁷⁵ Ga	<input type="checkbox"/> 76GE(D,3HE):XUNDL-1	2010-01-29 00:00:00.0	All references
	<input type="checkbox"/> 238U(76GE,XG):XUNDL-2	2010-01-29 00:00:00.0	All references
⁷⁵ Ge	<input type="checkbox"/> 74GE(D,P):XUNDL-1	2010-01-29 00:00:00.0	All references
	<input type="checkbox"/> 76GE(P,D):XUNDL-2	2010-01-29 00:00:00.0	All references
	<input type="checkbox"/> 74GE(A,3HE):XUNDL-3	2010-01-29 00:00:00.0	All references
	<input type="checkbox"/> 76GE(3HE,A):XUNDL-4	2010-01-29 00:00:00.0	All references
⁷⁵ Kr	<input type="checkbox"/> 54Fe(24Mg,2PNG):XUNDL-1	2010-01-29 00:00:00.0	All references
	<input type="checkbox"/> 50Cr(28Si,2PNG):XUNDL-2	2010-01-29 00:00:00.0	All references
⁷⁵ Rb	<input type="checkbox"/> 40Ca(40Ca,APG):XUNDL-1	2010-01-29 00:00:00.0	All references
⁷⁵ Se	<input type="checkbox"/> 48Tl(30Si,2PNG):XUNDL-1	2010-01-29 00:00:00.0	All references
	<input type="checkbox"/> 76SE(P,D):XUNDL-2	2010-01-29 00:00:00.0	All references
	<input type="checkbox"/> 76SE(3HE,A):XUNDL-3	2010-01-29 00:00:00.0	All references

Done

ENSDF – Web Access

Proposed look and feel

The screenshot shows a Mozilla Firefox browser window displaying the ENSDF web interface. The address bar shows the URL `http://localhost:8080/nndc-dbs/DatasetFetchServlet`. The page header includes the National Nuclear Data Center logo and the Brookhaven National Laboratory logo. Below the header, the page title is "Datasets for ^{75}Se ". The main content area shows "Results from quick search" and a "Revise Search" button. A section titled "Matching datasets in ENSDF" contains a table with three columns: "Dataset", "Last Updated", and "References". The table lists 12 datasets, each with a checkbox, a description, a date, and a link to "All references". Below the table, there are three buttons: "HTML" (View in HTML format), "Download" (Download the ENSDF file), and "RAW" (View the raw ENSDF file). The browser status bar at the bottom shows "Done".

Datasets for ^{75}Se

Results from quick search

[Revise Search](#)

Matching datasets in ENSDF

Dataset	Last Updated	References
<input type="checkbox"/> Select All		
<input type="checkbox"/> ADOPTED LEVELS, GAMMAS	2010-01-29 00:00:00.0	All references
<input type="checkbox"/> 75BR EC DECAY (96.7 M)	2010-01-29 00:00:00.0	All references
<input type="checkbox"/> 48TI(30S1,2PNG)	2010-01-29 00:00:00.0	All references
<input type="checkbox"/> 59CO(19F,2PNG)	2010-01-29 00:00:00.0	All references
<input type="checkbox"/> 72GE(A,NG), 73GE(A,2NG)	2010-01-29 00:00:00.0	All references
<input type="checkbox"/> 74SE(N,G) E=THERMAL	2010-01-29 00:00:00.0	All references
<input type="checkbox"/> 74SE(N,G) E=27.1 EV	2010-01-29 00:00:00.0	All references
<input type="checkbox"/> 74SE(N,G) E=271.5 EV	2010-01-29 00:00:00.0	All references
<input type="checkbox"/> 74SE(D,P)	2010-01-29 00:00:00.0	All references
<input type="checkbox"/> 75AS(P,NG), (P,N)	2010-01-29 00:00:00.0	All references
<input type="checkbox"/> 76SE(P,D)	2010-01-29 00:00:00.0	All references
<input type="checkbox"/> 76SE(D,T)	2010-01-29 00:00:00.0	All references

Retrieve selected ENSDF datasets:

[HTML](#) View in HTML format

[Download](#) Download the ENSDF file

[RAW](#) View the raw ENSDF file

ENSDF – Web Access

Selecting all

The screenshot shows a web browser window with the URL `http://localhost:8080/nndc-dbs/DatasetFetchServlet`. The page title is "Datasets for 75Se". Below the header, there is a search result summary: "Results from quick search" and a "Revise Search" button. The main section is titled "Matching datasets in ENSDF" and contains a table with three columns: "Dataset", "Last Updated", and "References". All datasets in the table have their selection checkboxes checked. Below the table, there are three buttons: "HTML" (View in HTML format), "Download" (Download the ENSDF file), and "raw" (View the raw ENSDF file). The browser's status bar at the bottom shows "Done".

Datasets for ^{75}Se

Results from quick search

[Revise Search](#)

Matching datasets in ENSDF

Dataset	Last Updated	References
<input checked="" type="checkbox"/> Select All		
<input checked="" type="checkbox"/> ADOPTED LEVELS, GAMMAS	2010-01-29 00:00:00.0	All references
<input checked="" type="checkbox"/> 75BR EC DECAY (96.7 M)	2010-01-29 00:00:00.0	All references
<input checked="" type="checkbox"/> 48TI(30S12PNG)	2010-01-29 00:00:00.0	All references
<input checked="" type="checkbox"/> 59CO(19F,2PNG)	2010-01-29 00:00:00.0	All references
<input checked="" type="checkbox"/> 72GE(A,NG), 73GE(A,2NG)	2010-01-29 00:00:00.0	All references
<input checked="" type="checkbox"/> 74SE(N,G) E=THERMAL	2010-01-29 00:00:00.0	All references
<input checked="" type="checkbox"/> 74SE(N,G) E=27.1 EV	2010-01-29 00:00:00.0	All references
<input checked="" type="checkbox"/> 74SE(N,G) E=271.5 EV	2010-01-29 00:00:00.0	All references
<input checked="" type="checkbox"/> 74SE(D,P)	2010-01-29 00:00:00.0	All references
<input checked="" type="checkbox"/> 75AS(P,NG), (P,N)	2010-01-29 00:00:00.0	All references
<input checked="" type="checkbox"/> 76SE(P,D)	2010-01-29 00:00:00.0	All references
<input checked="" type="checkbox"/> 76SE(D,T)	2010-01-29 00:00:00.0	All references

Retrieve selected ENSDF datasets:

[HTML](#) View in HTML format

[Download](#) Download the ENSDF file

[raw](#) View the raw ENSDF file

ENSDF – Web Access

New reference search

Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://localhost:8080/nndc-dbs/DSfromRefServlet?kn=1998SK01&searchType=references

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http://localho...pe=references Nuclide browse

RADIOACTIVITY $^{75}\text{Rb}(\beta^+)$ [from $^{58}\text{Ni}(^{20}\text{Ne}, 2np)$, $E=84\text{ MeV}$]; measured E_γ , I_γ , $E(\text{ce})$, $(\text{ce})\gamma$ -coin. ^{75}Kr deduced level ICC, δ .

doi: 10.1016/S0375-9474(97)00644-1

Return to References

Matching datasets in ENSDF

Nuclide	Dataset	Last Updated	References
	<input type="checkbox"/> Select All		
^{72}Se	<input type="checkbox"/> (HI,XNG)	2010-02-01 00:00:00.0	All references
^{75}Br	<input type="checkbox"/> 62NI(16O,P2NG),58NI(24MG,A3PG)	2010-01-29 00:00:00.0	All references
	<input checked="" type="checkbox"/> (HI,XNG)	2010-01-29 00:00:00.0	All references
^{75}Kr	<input type="checkbox"/> ADOPTED LEVELS, GAMMAS	2010-01-29 00:00:00.0	All references
	<input type="checkbox"/> 75RB EC DECAY (19.0 S)	2010-01-29 00:00:00.0	All references
	<input type="checkbox"/> 46TI(32S,2PNG)	2010-01-29 00:00:00.0	All references
	<input type="checkbox"/> 50CR(28SI,2PNG), 64ZN(14N,P2NG)	2010-01-29 00:00:00.0	All references
	<input type="checkbox"/> 54FE(24MG,2PNG), 58NI(20NE,2PNG)	2010-01-29 00:00:00.0	All references

Retrieve selected ENSDF datasets:

View in HTML format

Download the ENSDF file

View the raw ENSDF file

Matching datasets in XUNDL

Nuclide	Dataset	Last Updated	References
	<input type="checkbox"/> Select All		
^{72}Se	<input type="checkbox"/> 54FE(24MG,A2PG):XUNDL-1	2010-01-29 00:00:00.0	All references
^{75}Kr	<input type="checkbox"/> 54FE(24MG,2PNG):XUNDL-1	2010-01-29 00:00:00.0	All references

Retrieve selected ENSDF datasets:

View in HTML format

Download the XUNDL file

Done

ENSDF – Web Access

Current browsing

The screenshot shows a Mozilla Firefox browser window with the URL <http://www.nndc.bnl.gov/ensdf/browsenuc.jsp?zora=A&val=88>. The page title is "Nuclides for A = 88". The content is a table of nuclides with mass number 88, listing the element symbol, the ENSDF data link, and the XUNDL data link.

Mass Number	Element	ENSDF	XUNDL
88		ENSDF	
⁸⁸ Ge		ENSDF	
⁸⁸ As		ENSDF	
⁸⁸ Se		ENSDF	XUNDL
⁸⁸ Br		ENSDF	
⁸⁸ Kr		ENSDF	XUNDL
⁸⁸ Rb		ENSDF	XUNDL
⁸⁸ Sr		ENSDF	XUNDL
⁸⁸ Y		ENSDF	
⁸⁸ Zr		ENSDF	
⁸⁸ Nb		ENSDF	XUNDL
⁸⁸ Mo		ENSDF	XUNDL
⁸⁸ Tc		ENSDF	XUNDL
⁸⁸ Ru		ENSDF	XUNDL

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ENSDF – Web Access

Proposed browsing

The screenshot shows a Mozilla Firefox browser window displaying the ENSDF browsing interface. The address bar shows the URL: `http://localhost:8080/nndc-dbs/ensdf/browseuics.jsp?zora=Z&val=88&datasource=ensdf`. The page header includes the National Nuclear Data Center logo and the Brookhaven National Laboratory logo. Below the header, the text "Nuclides for Z = 88 in ENSDF" is displayed, along with a "Return to browse" button. The main content area shows a grid of buttons for various isotopes, with 231RA highlighted in yellow.

201RA	211RA	221RA	231RA
202RA	212RA	222RA	232RA
203RA	213RA	223RA	233RA
204RA	214RA	224RA	234RA
205RA	215RA	225RA	
206RA	216RA	226RA	
207RA	217RA	227RA	
208RA	218RA	228RA	
209RA	219RA	229RA	
210RA	220RA	230RA	

ENSDF – Web Access

Will be available for testing within a few weeks

Feedback welcomed! Send comments to
johnsont@bnl.com