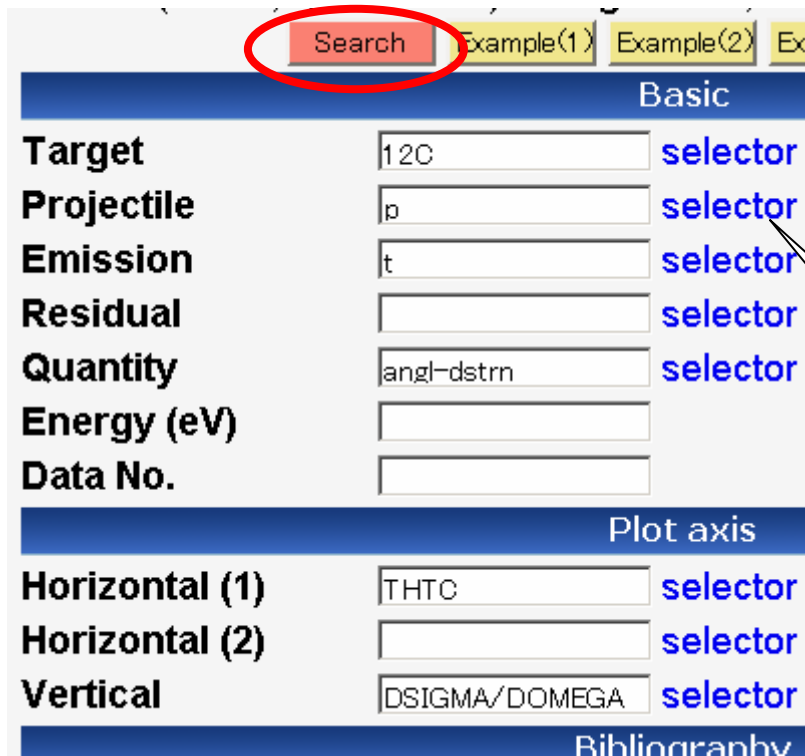


NRDF search quick guide

<http://www.icprg.org/nrdf/>

(as of June, 2008)

1. Search



The screenshot shows the NRDF search interface. At the top, there are tabs for 'Search', 'Example(1)', 'Example(2)', and 'Example(3)'. The 'Search' tab is active and highlighted with a red circle. Below the tabs is a 'Basic' section with several input fields and 'selector' buttons:

- Target: 12C selector
- Projectile: p selector
- Emission: t selector
- Residual: selector
- Quantity: angl-dstrn selector
- Energy (eV): selector
- Data No.: selector

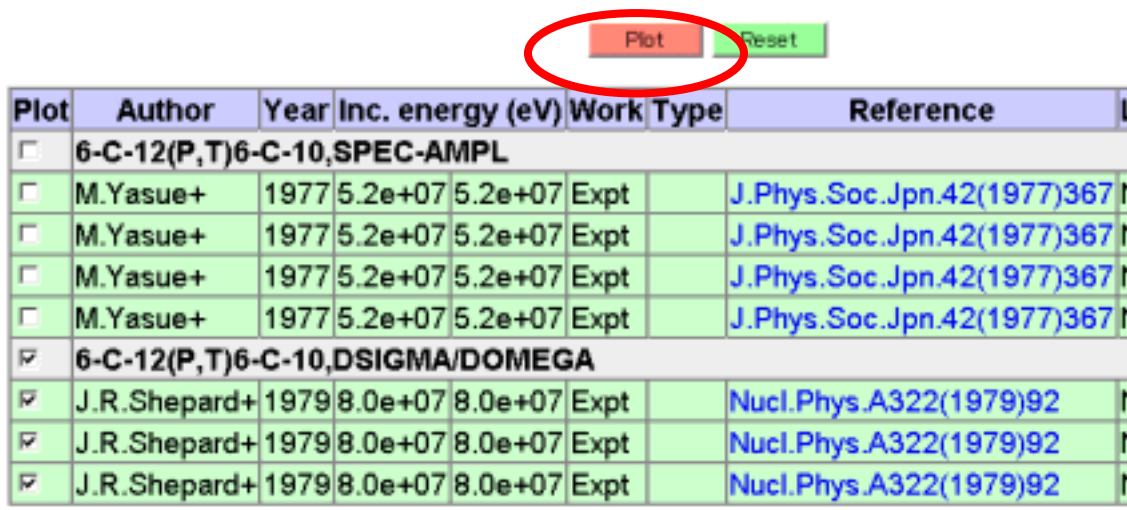
Below the 'Basic' section is a 'Plot axis' section with three input fields and 'selector' buttons:

- Horizontal (1): THTC selector
- Horizontal (2): selector
- Vertical: DSIGMA/DOMEGA selector

At the bottom, there is a 'Bibliography' section.

Selectors show you all possible strings for query!

2. Select and plot



The screenshot shows the NRDF search results table. At the top, there are 'Plot' and 'Reset' buttons. The 'Plot' button is circled in red. Below the buttons is a table with the following columns: Plot, Author, Year, Inc. energy (eV), Work, Type, Reference, and L.

Plot	Author	Year	Inc. energy (eV)	Work	Type	Reference	L
<input type="checkbox"/>	6-C-12(P,T)6-C-10,SPEC-AMPL						
<input type="checkbox"/>	M.Yasue+	1977	5.2e+07	5.2e+07	Expt	J.Phys.Soc.Jpn.42(1977)367	M
<input type="checkbox"/>	M.Yasue+	1977	5.2e+07	5.2e+07	Expt	J.Phys.Soc.Jpn.42(1977)367	M
<input type="checkbox"/>	M.Yasue+	1977	5.2e+07	5.2e+07	Expt	J.Phys.Soc.Jpn.42(1977)367	M
<input type="checkbox"/>	M.Yasue+	1977	5.2e+07	5.2e+07	Expt	J.Phys.Soc.Jpn.42(1977)367	M
<input checked="" type="checkbox"/>	6-C-12(P,T)6-C-10,DSIGMA/DOMEGA						
<input checked="" type="checkbox"/>	J.R.Shepard+	1979	8.0e+07	8.0e+07	Expt	Nucl.Phys.A322(1979)92	M
<input checked="" type="checkbox"/>	J.R.Shepard+	1979	8.0e+07	8.0e+07	Expt	Nucl.Phys.A322(1979)92	M
<input checked="" type="checkbox"/>	J.R.Shepard+	1979	8.0e+07	8.0e+07	Expt	Nucl.Phys.A322(1979)92	M

3. Customize and replot

The figure shows a scatter plot of $dsigr$ versus $\theta_{c.m.}$ [deg]. The y-axis is logarithmic, ranging from $1e-06$ to $1e-05$. The x-axis ranges from 0 to 70 degrees. Data points are represented by blue asterisks, red pluses, and green crosses. A red circle highlights the 'Replot' button below the plot.

Plot options

point and line type: [color] [monochrome]

Title

Label
 x
 y
 z

Legend
 left-top right-top
 left-bottom right-bottom
 below not shown

Scale
 x linear log
 y linear log
 z linear log

Range
 x -
 y -
 z -

Angle (3D)
 θ
 ϕ

Multiplier
 x
 y
 z

Format
 pdf ps
 eps tgz

Color
 color monochrome

(TeX like expression acceptable (e.g. " $\theta_{c.m.}$ " for $\theta_{c.m.}$))

- Customize output as you like (title, label, legend, range etc.).
- Some TeX symbols can be used.
- pdf version is available on your request.

EXFOR/ENDF search quick guide

<http://www.icprg.org/exfor/>

(as of June, 2008)

1. Search

Search Example(1) Example(2) Example(3)

Basic

Target 3-LI-6 selector (

Projectile N selector (

Emission T selector (

Residual 2-HE-4 selector (

Quantity CS selector (

Energy (eV) (

Data No. (

Plot axis

Horizontal (1) EN selector (

Horizontal (2) selector (

Vertical DATA selector (

Bibliography

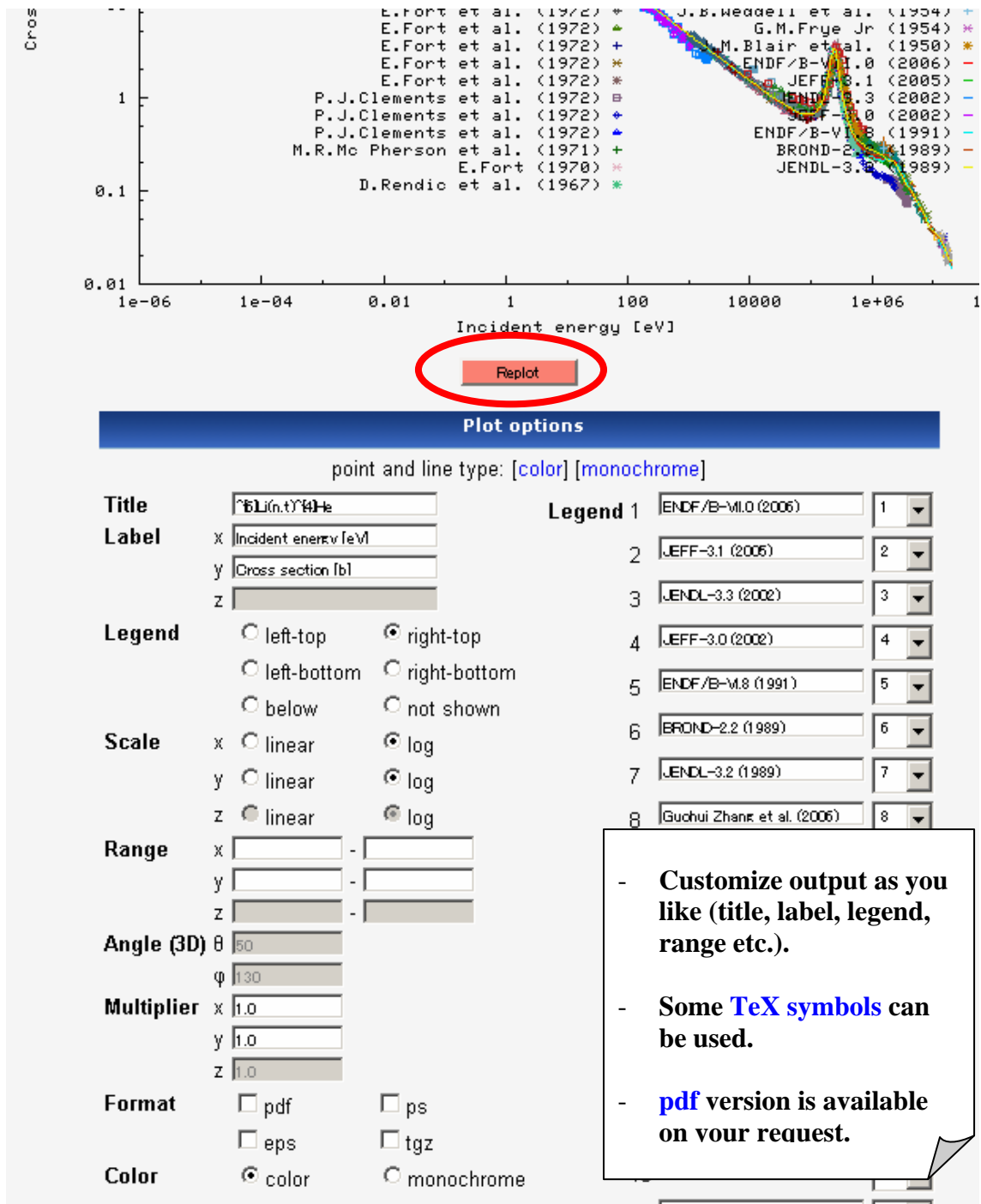
Selectors show you all possible strings for query!

2. Select and plot

Plot Reset

Plot	Author	Year	Inc. energy (eV)	Work	Type	Reference
<input checked="" type="checkbox"/>	3-LI-6(N,T)2-HE-4,,SIG (Cross section)					
<input checked="" type="checkbox"/>	G.M.Hale	2006	1.0e-05	2.0e+07	Eval	Data ENDF/B-VII,10,325,2006
<input checked="" type="checkbox"/>	G.M.Hale	2005	1.0e-05	2.0e+07	Eval	Data JEFF-31,10,325,2005
<input checked="" type="checkbox"/>	S.Chiba	2002	1.0e-05	2.0e+07	Eval	Data JENDL-3.3,10,325,2002
<input checked="" type="checkbox"/>	G.M.Hale	2002	1.0e-05	2.0e+07	Eval	Data JEFF-30,10,325,2002
<input checked="" type="checkbox"/>	G.M.Hale	1991	1.0e-05	2.0e+07	Eval	Data ENDF/B-VI,10,325,1991
<input checked="" type="checkbox"/>	Nikolaev M.N.	1989	1.0e-05	2.0e+07	Eval	Data BROND-2,10,306,1989
<input checked="" type="checkbox"/>	S.Chiba	1989	1.0e-05	2.0e+07	Eval	Data JENDL-3.2,10,325,1989
<input checked="" type="checkbox"/>	Guohui Zhang et al.	2006	1.0e+06	2.2e+06	Expt	Jour Nucl.Sci.Eng.153(2006)41
<input checked="" type="checkbox"/>	D.Rochman et al.	2006	1.1e-01	3.1e+02	Expt	Jour Nucl.Instrum.Methods A564(2
<input checked="" type="checkbox"/>	D.Rochman et al.	2006	1.1e-01	2.1e+03	Expt	Jour Nucl.Instrum.Methods A564(2

3. Customize and replot



- Customize output as you like (title, label, legend, range etc.).
- Some TeX symbols can be used.
- pdf version is available on your request.