

DARPE: a quick guide*

Data Retrieval and Plotting Engine

For the complete manual, see

<http://www.jcprg.org/darpe/>

<http://www.jcprg.org/darpe/manual/darpe-e.pdf>

DARPE
Data Retrieving and Plotting Engine
www.jcprg.org

Form a query

Input and/or select your search criteria (case insensitive).

Search [Reset] [Example]

Projectile: (e.g. ^{12}C) or select from

Target: (e.g. ^{12}C) or select from

Inc. Energy: MeV in ?

Quantity:

Author: (e.g. TANAKA, H. IZUMI)

Reference: Nuclear Physics A select from the Journal list

Year: Any

Select the maximum number of entries per page: 10

Use pop-out menus

Reference Dictionary - Netscape

Reference Dictionary

Major Journals

Major Journals/ Journals/ Reports/ Conferences and Books/ Close

PR/C (Physical Review, Part C, Nuclear Physics)

PRL (Physical Review Letters)

PL/B (Physics Letters, Section B)

NP/A (Nuclear Physics, Section A)

EPJA (European Physical Journal A)

JNST (Journal of Nuclear Science and Technology)

- * Data sets undergoing final checks are available, marked with a "NEW" icon
- * Comments are given for physical quantities of interest
- * References are hyperlinked, when available

DARPE Search Results - Netscape

Search Results

The search was performed on the 2 requests you made.

14 matches found.

Displaying results 1 to 10.

Pages: 1 2 NEXT

www.jcprg.org

Get the tabulated results

The info matching your query is in bold font

Entry No. D201

R. Wada¹, T. Murakami¹

Physical Review, Part C

D28: Title: SYSTEMATICS OF OPTIMIZED REACTIONS INDUCED BY HEAVY IONS

Authors: T. MIKUMO, I. KOHNO, K. KATORI, T. H. KAMITSUBO

Reference: PR/C, 14(1976)1458

Data	Physical quantities	Reaction(s)
<input type="checkbox"/>		$^{92}\text{Mo}(^{12}\text{C}, \text{X})\text{X}$

Plot the data selected in THIS page: [Plot] [Reset]

SPIN ASSIGNMENTS FOR THE RESONANT STRUCTURES IN THE $^{12}\text{C}+^{12}\text{C}$ REACTION $^{12}\text{C}(^{12}\text{C}, ^{16}\text{O}-\text{GS})\text{B}E-\text{GS}$ AT $E_{\text{CM}}=6-11\text{MEV}$

Click on the data number to see the plot. Or select the box to plot multiple data.

Data	Physical quantities	Reaction(s)	Energy
<input type="checkbox"/>	INC-ENGY-LAB D(SIGMA/D)OMEGA	$^{12}\text{C}(^{12}\text{C}, ^{16}\text{O})\text{B}E$	between 6.14 and 10.98 MEV
<input type="checkbox"/>	INC-ENGY-LAB D(SIGMA/D)OMEGA	$^{12}\text{C}(^{12}\text{C}, ^{16}\text{O})\text{B}E$	between 6.21 and 11.09 MEV
<input type="checkbox"/>	INC-ENGY-LAB D(SIGMA/D)OMEGA	$^{12}\text{C}(^{12}\text{C}, ^{16}\text{O})\text{B}E$	between 6.22 and 10.97 MEV
<input type="checkbox"/>	INC-ENGY-LAB D(SIGMA/D)OMEGA	$^{12}\text{C}(^{12}\text{C}, ^{16}\text{O})\text{B}E$	between 6.21 and 10.94 MEV

Select data to plot

Confirm your selections for this plot.

Quantity	X-axis	Y-axis
INC-ENGY-LAB Incident energy in lab. system	<input checked="" type="radio"/>	<input type="radio"/>
D(SIGMA/D)OMEGA dsigma/dOmega	<input type="radio"/>	<input checked="" type="radio"/>

[Plot] [Reset]

Select axes

Superimpose data from various sources

www.jcprg.org

Linear and log scales available

LOG

D201-2:
X-UNIT = (MEV)
Y-UNIT = (MB/SR)
RCT = $^{12}\text{C}(^{12}\text{C}, ^{16}\text{O})\text{B}E$
R. Wada et al., Physical Review, Part C, Nuclear Physics 22(1980)557

D201-3:
X-UNIT = (MEV)

* As of June 2005.