

Results of the EXFOR-Editor Development and Testing

A75

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CNPD, Russian Federal Nuclear Center – VNIIEF, Sarov
607188, Russia

G. Pikulina, S.Taova, S.Dunaeva

- Main editor window
- Reaction window
- Data table mode
- Graphical presentation of numeric data

ENTRY	F0990	ERR-ANALYS	(EN-ERR-DIG)	Energy digitizing error	F0990	1	16
SUBENT	F0990001		(ERR-DIG)	Data digitizing error	F0990	1	17
BIB			(ERR-S,,10.)	The relative probable error due to	F0990	1	18
TITLE			counting statistics and background in the worst case is	F0990	1	19	
AUTHOR			less than 10%.	F0990	1	20	
INSTITUTE		HISTORY	(20090603C)	F0990	1	21	
REFERENCE		ENDBIB	19 0	F0990	1	22	
FACILITY		NOCOMMON	0 0	F0990	1	23	
DETECTOR		ENDSUBENT	22 0	F0990	199999		
METHOD		SUBENT	F0990002 20090616	F0990	2	1	
ERR-ANALYS		BIB	3 4	F0990	2	2	
HISTORY		REACTION	(79-AU-197(A,EL)79-AU-197,,DA,,REL)	F0990	2	3	
ENDBIB		SAMPLE	Self supporting foils made by evaporation in a vacuum	F0990	2	4	
NOCOMMON			with the thickness of 0.25 mg/cm ² were used.	F0990	2	5	
ENDSUBENT		STATUS	(CURVE) Fig.1	F0990	2	6	
SUBENT	F0990002	ENDBIB	4 0	F0990	2	7	
BIB		COMMON	3 3	F0990	2	8	
REACTION		ANG-CM	EN-ERR-DIG ERR-DIG	F0990	2	9	
SAMPLE		ADEG	MEV ARB-UNITS	F0990	2	10	
STATUS			61. 0.004 0.001	F0990	2	11	
ENDBIB		ENDCOMMON	3 0	F0990	2	12	
COMMON							
DATA							
ENDDATA							
ENDSUBENT							
SUBENT	F0990003						
ENDSUBENT							
SUBENT	F0990004						
ENDSUBENT							
SUBENT	F0990005						
ENDSUBENT							

REACTION (79-AU-197 (A, EL) 79-AU-197, , DA, , REL)

Compress | Clear

Reaction Fields: SF1 - SF4

Pointer Use 1 (Target Nucleus - SF1 (Incident Particle - SF2 , Process - SF3) Reaction Product - SF4) Add

Use 213th and 236th DICTIONARIES | Use 31th,32th,33th,34th DICTIONARIES

Reaction Fields: SF5 - SF9

Branch - SF5 , Parameter - SF6 DA - Differential with ang , Particles Consider - SF7 , Modifiers - SF8 REL - Relative data , Data Type SF9) Add SF5-SF9

Reaction Examples | **Reaction LEXFOR Help** | New Record

Current Position: [SUBENTRY F0990002 BIB section](#)

OK | Cancel | Help | EXFOR-Help

2. Relative angular distributions

a.) The shape of the angular distribution $W(\theta)$; the data are dimensionless, and are most often normalized to $W(90^\circ) = 1$.

REACTION coding: DA in SF6; REL in SF8.

Units: ARB-UNITS.

SCALE:

Data Table Selected Column: 2 Selected Row: 3

1	E-LVL	ANG	EN	DATA
2	MEV	ADEG	MEV	ARB-UNITS
3	0.	90.	5.9991	2.4105E+03
4	0.	90.	6.0269	888.03
5	0.	90.	6.0545	436.46
6	0.	90.	6.0862	1.0223E+03
7	0.	90.	6.1159	938.86
8	0.	90.	6.1478	236.34
9	0.	90.	6.1752	1.0229E+03
10	0.	90.	6.2028	1.3745E+03
11	0.	90.	6.2367	1.1907E+03
12	0.	90.	6.2664	555.1
13	0.	90.	6.2983	505.13
14	0.	90.	6.3279	371.48
15	0.	90.	6.3597	572.49
16	0.	90.	6.3873	840.4
17	0.	90.	6.4212	204.82
18	0.	90.	6.4508	1.5101E+03
19	0.	90.	6.4846	2.0625E+03
20	0.	90.	6.5143	2.3472E+03
21	0.	90.	6.546	3.1338E+03
22	0.	90.	6.5777	3.703E+03
23	0.	90.	6.6075	2.6156E+03
24	0.	90.	6.6353	758.51
25	0.	90.	6.665	407.35
26	0.	90.	6.6947	507.95
27	0.	90.	6.7222	792.6
28	0.	90.	6.756	1.8637E+03
29	0.	90.	6.7858	625.73
30	0.	90.	6.8154	1.5462E+03

Current Subentry
F1047002

DATA

Import Sort
Paste Chart
Clear All Check

Column

Add Insert
Copy Delete

Delete Columns

Current column: 2
Number of Columns to Delete: 2
 To the Last Column of Table

OK Cancel

Copy Delete
Move Up Move Down

Undo
Undo Last Action

Table
Precision for Table
Export Data Table
Add Data Table
Cancel
EXFOR-Help
Help

Data Table

Selected Column: 1 Selected Row: 3

	EN-CM	DATA-CM
1	EN-CM	DATA-CM
2	MEV	ARB-UNITS
3	11.714	32.76
4	12.037	24.887
5	12.252	15.159
6	12.623	11.81
7	13.004	19.367
8	13.219	13.349
9	13.736	14.163
10	14.166	15.114
11	14.381	7.9192
12	14.567	3.4849
13	14.987	4.8877
14	15.289	3.485
15	15.602	2.5801
16	15.856	2.1729
17	16.403	4.0735
18	16.95	8.4175
19	17.38	7.8746
20	17.643	10.544
21	17.848	14.345
22	18.415	6.6983
23	18.649	7.0151
24	19.128	8.3727
25	19.431	8.3275
26	19.841	10.002
27	20.398	11.224
28	20.916	9.1423
29	21.248	11.903
30	21.892	8.4185

Current Subentry
F0990003

DATA
Import Sort

Import

Import File

File Format File Name

Text

WORD

EXCEL

Browse Preview

Import Options

WORD Import

Table Number:

Text

Table

Source

Columns

Start Number: 1

Number of Columns: 1

To the End of Line

Rows

Start Number: 1

Number of Rows: 1

To the End of File

Destination

Existing Table

Start Column Number: 1

Start Row Number: 3

Add to the End of Table

New Table

OK Cancel Help

Data Table

Selected Column: 2 Selected Row: 181

1	E-LVL	ANG	EN	DATA
2	MEV	ADEG	MEV	ARB-UNITS
172	0.	135.	8.0708	982.93
173	0.	135.	8.1026	1.3149E+03
174	0.	135.	8.1323	949.83
175	0.	135.		
176	0.	135.		
177	0.	135.		
178	0.	135.		
179	0.	135.		
180	0.	190		
181	0.	135.		
182	0.	135.		
183	0.	135.		
184	0.	135.	8.4313	1.0498E+03
185	0.	135.	8.4632	1.0001E+03
186	0.	135.	8.5204	1.5478E+03
187	0.	135.	8.5522	485.72
188	0.	135.	8.5819	601.93
189	0.	135.	8.6116	369.63
190	0.	135.	8.6413	1.1497E+03
191	0.	135.	8.6752	1.4318E+03
192	0.	135.	8.7304	1.4651E+03
193	0.	135.	8.7643	1.5149E+03
194	0.	135.	8.794	1.2328E+03
195	0.	135.	8.8216	1.0669E+03
196	0.	135.	8.8534	950.8
197	0.	135.	8.8746	768.28
198	0.	135.	8.9086	768.32
199	0.	135.	8.9361	701.98

Wrong Value

ATTENTION! Correct wrong value
(Absolute value in column ANG must be >=

New Value:

0. 135. 190 8.3105

135.

OK Cancel

Current Subentry
F1047002

DATA

Import Sort

Paste Chart

Clear All Check

mn

Add Insert

Copy Delete

Rename

Copy Left Move Right

Calculations

Set Value

Set Precision

Row

Add Insert

Copy Delete

Move Up Move Down

Undo

Undo Last Action

Table

Precision for Table

Export Data Table

Add Data Table

Cancel

EXFOR-Help

Help

Load From:

Image File

Clipboard

Screenshot

Scale Mode

Optimal Scaled

Stretched

Information about Chart

Reaction: _____

Status: **[CURVE1]**

DATA

EN-ERR(DATA)

DATA-ERR(DATA)

Statistic Information DATA

First Point : 0.193, 14.764

Last Point : 0.335, 46.045

Number of values: 6

Maximum value: 54.459 at position 4

Minimum value: 14.764 at position 0

Range: 39.685

Scale

Marker Position

Value X: **0.252**

Value Y: **30.986**

Logarithmic Y Scale

Logarithmic X Scale

Show Values

Left Axis Type

Single Axis

Multiple Axes



Thank you!