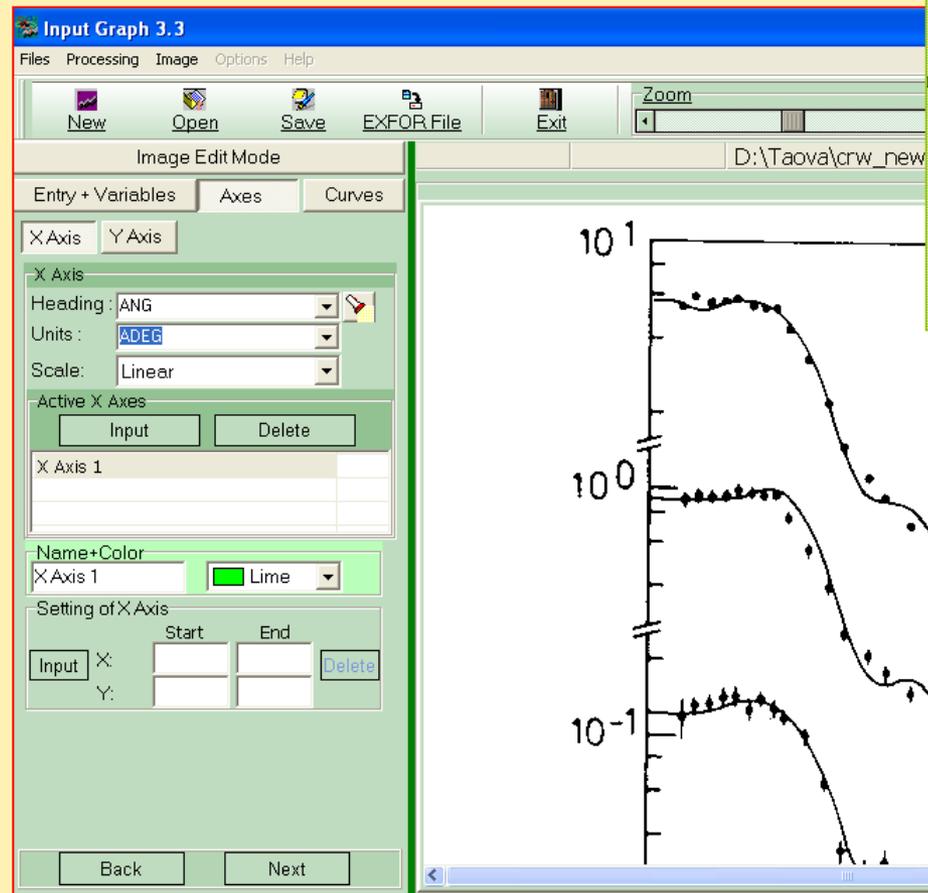


InpGraph: Quick Start Tutorial

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$E_d = 78 \text{ MeV}$
 $I_{tr} = 3$

$E_x (\text{MeV})$
0.000
1.897

For beginners

-

Steps 1-3

The screenshot displays the INPGRAPH software interface. At the top, the application window is titled "EXFOR Digitizer Version 9.3". Below this, the text "INPGRAPH Copyright 2005-2016" and "IAEA" are visible. The main content area is titled "INPGRAPH: QUICK-START TUTORIAL".

STEP 1
Launch InpGraph.

STEP 2
Load image:

- open file
- paste from clipboard
- capture screen area

STEP 3
Define Entry number and additional independent variables

The "Image Edit Mode" dialog box is open, showing the following settings:

- Entry Number: FD000
- Additional Independent Variables: No (selected), One, Two
- First Additional Variable: ELVL
- Units: EV, GEV, GEV/A, KEV, **MEV** (selected), MEV/A

Steps 4-7

STEP 4
Define axes

Set axis heading
Set axis units
Set axis scale
Click to add axis
Click to set axis direction
Set for automatic mode
Click to input first and last points
Click to calculate axis ticks
Set number of intermediate ticks

STEP 5
Digitize curve

Click to add new curve
Input additional variable value
Select axes from lists
Click to start point input
Click to add X error bar
Click to add Y error bar
Click/right button to zoom

STEP 6
Build EXFOR file

STEP 7
Enjoy and have a good day

For advanced users

Symmetric
error

Asymmetric
error

Err X +/-
(left/right)

Err Y +/-
(lower/upper)

Input Graph 3.3

Files Processing Image Options Help

New Open Save EXFOR File Exit

Zoom

Entry + Variables Axes Curves

Curve List

Input Delete

FIG.1

Name+Color

FIG.1 Red

Axes

EN,MEV: X Axis 1

DATA,MB: Y Axis 1

Symmetric Error

Point Err X +/- Err Y +/-

ErrMass Y +/- ErrMass XY +/-

Data Table

Point	Error X-	Error X+	Error Y-	Error Y+
0185 0162	0145 0162	0225 0162	0185 0185	0185 0129
0216 0190	0194 0191	0245 0190	0216 0235	0215 0152
0297 0145	0271 0146	0331 0146		

Delete Delete ErrX Delete ErrY Clear

Back

F9999.PRJ

1

σ, mb

E, MeV

Processing Result

Everything is OK!

Diagnostic Message

154.0000			
110.0000	280.0000		
522.0000	280.0000	177.0000	
280.0000	315.0000		
279.0000	454.0000	279.0000	
1	0.1000000	1.0000000	

FIG.1ipr_kol 0
ngr 2
entry is correct

Quantization Errors

Axis Name	Error Value
X Axis 1	0.0361 MEV
Y Axis 1	0.3968 %

EXFOR File

```

SUBENT      F9998002
BIB          4          5
REACTION
ERR-ANALYS  (EN-ERR-DIG) Digitizing error
              (EN-ERR)
              (ERR-DIG) Digitizing error
              (DATA-ERR)
STATUS      (CURVE) FIG.1
ENDBIB
COMMON      2          3
EN-ERR-DIG  ERR-DIG
MEV         PER-CENT
0.25349E-010.95555
ENDCOMMON
DATA        6          3
EN          -EN-ERR  +EN-ERR  DATA    -DATA-ERR  +DATA-ERR
MEV         MEV      MEV      MB        MB          MB
30.604     2.8881   2.8882   0.86193   0.29578    0.71342
32.839     1.5886   2.0938   0.51620   0.28938    0.51756
38.693     1.8774   2.4547   1.1718    0.75828    1.5443
ENDDATA
ENDSUBENT
    
```



Thank you!