

Program EVALPLOT  
(Version 2018-1)

by

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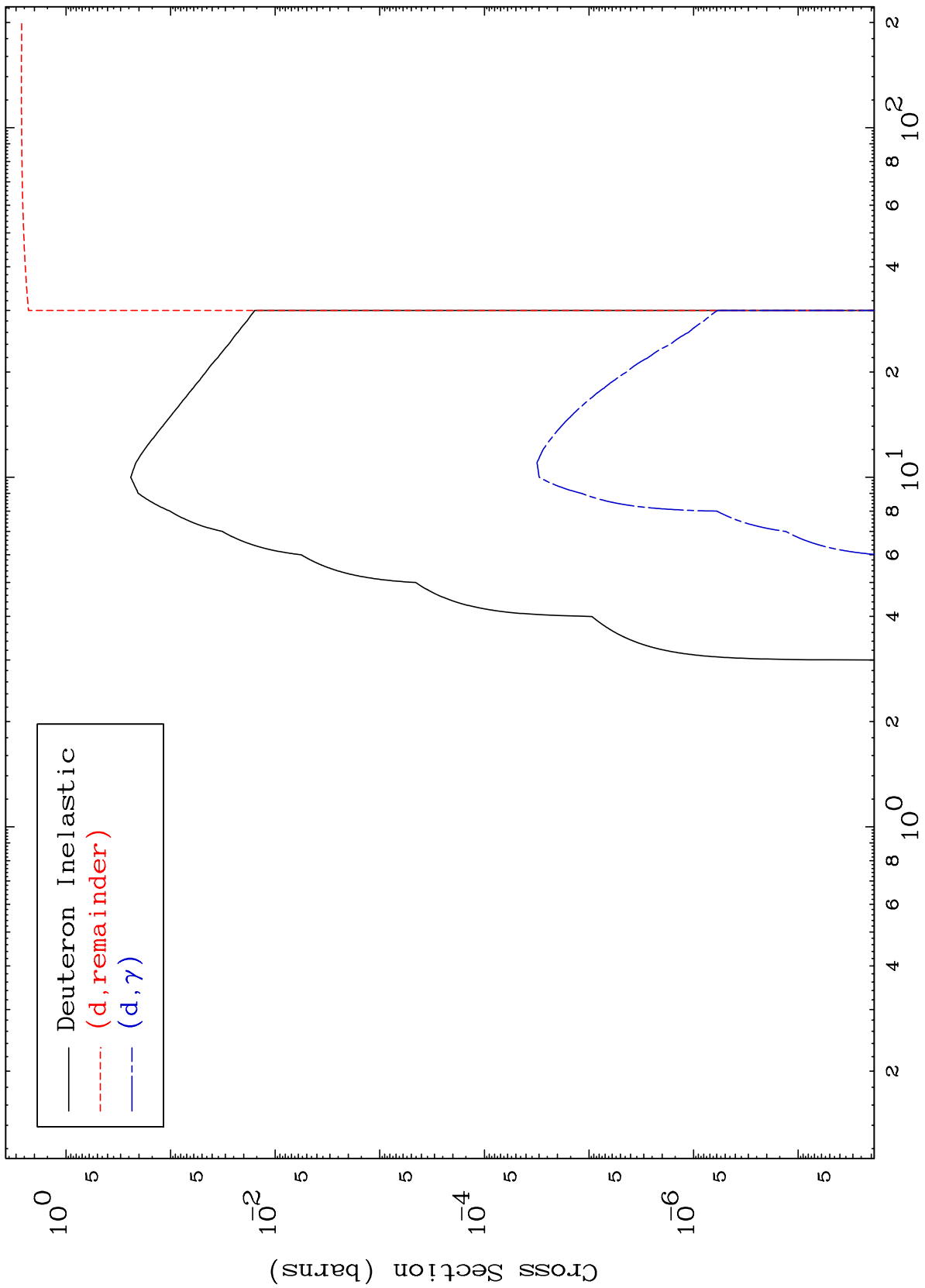
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6425

Deuteron Major  
0 Kelvin Cross Sections

64-Gd-152

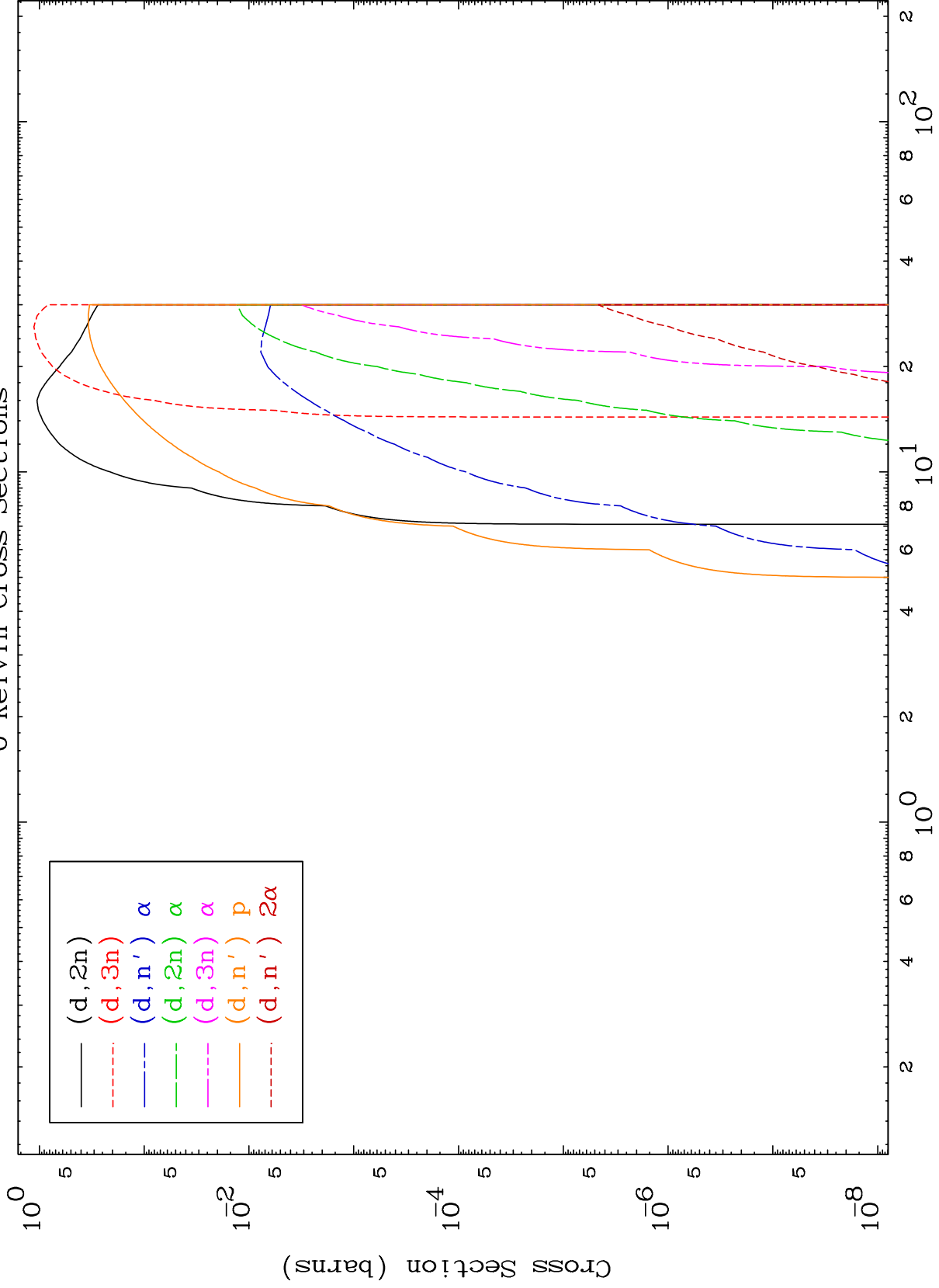


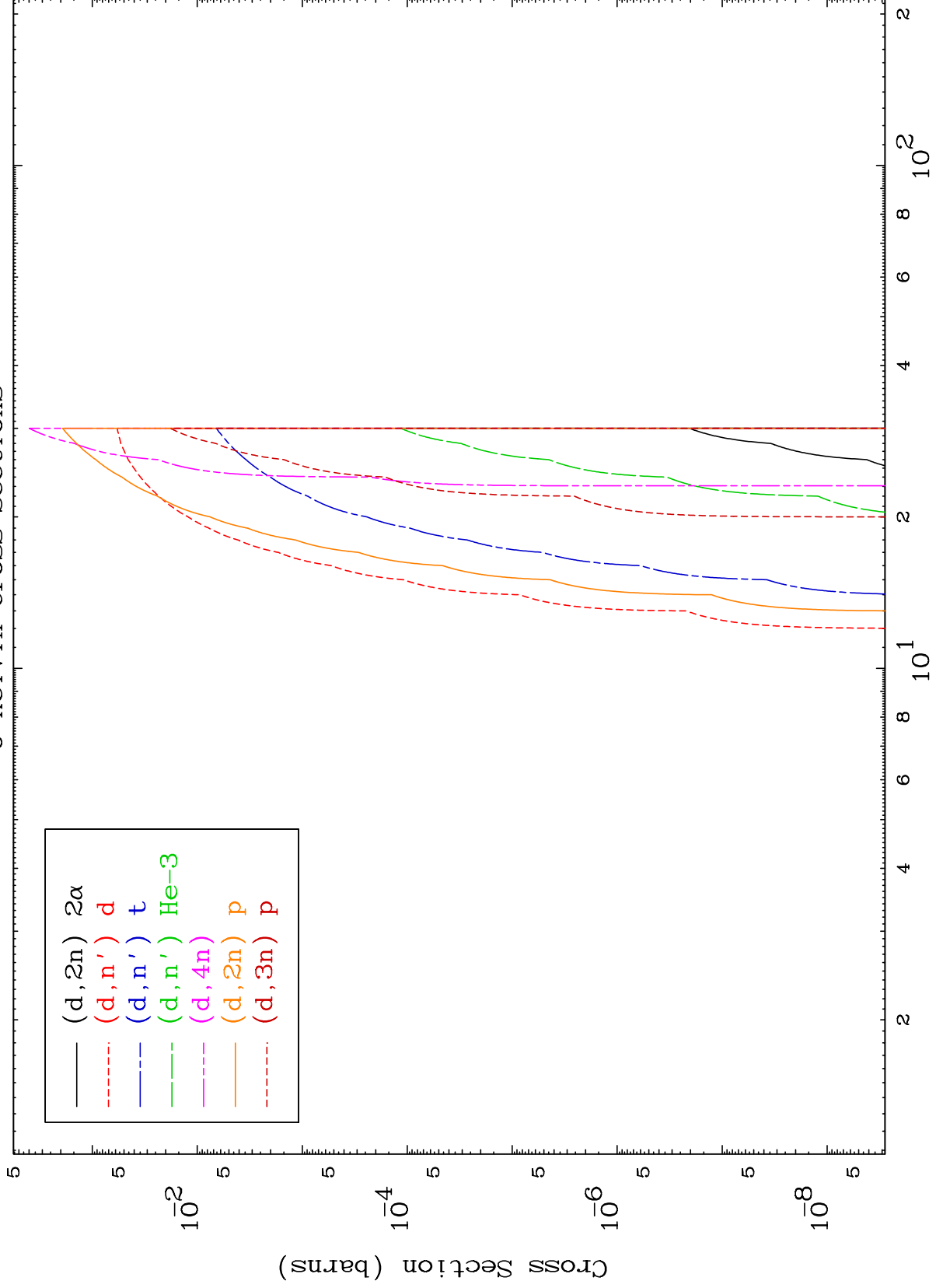
— Deuteron Inelastic  
- - - (d, remainder)  
- · - (d, γ)

MAT 6425

Deuteron Neutron Production  
0 Kelvin Cross Sections

64-Gd-152

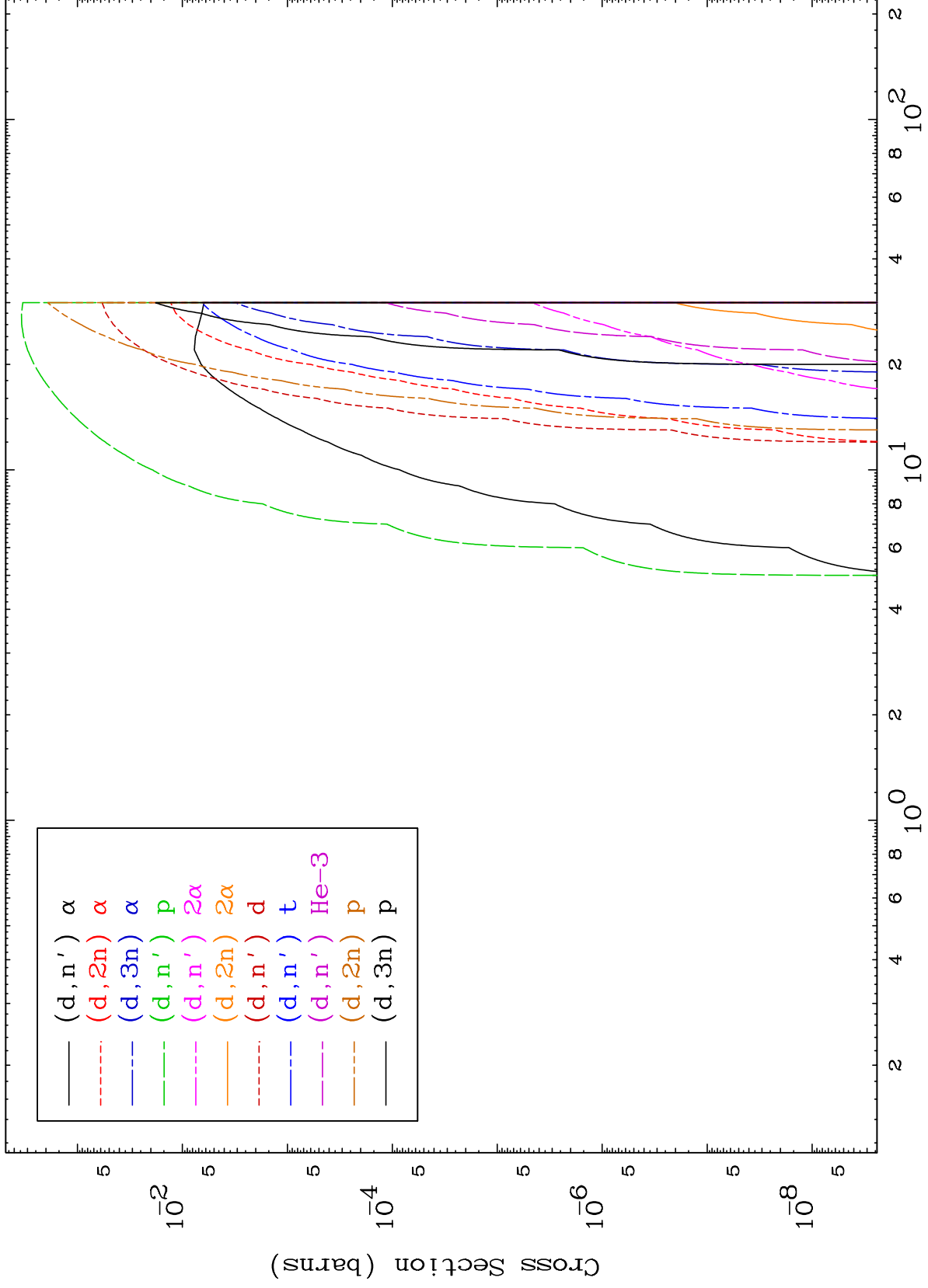


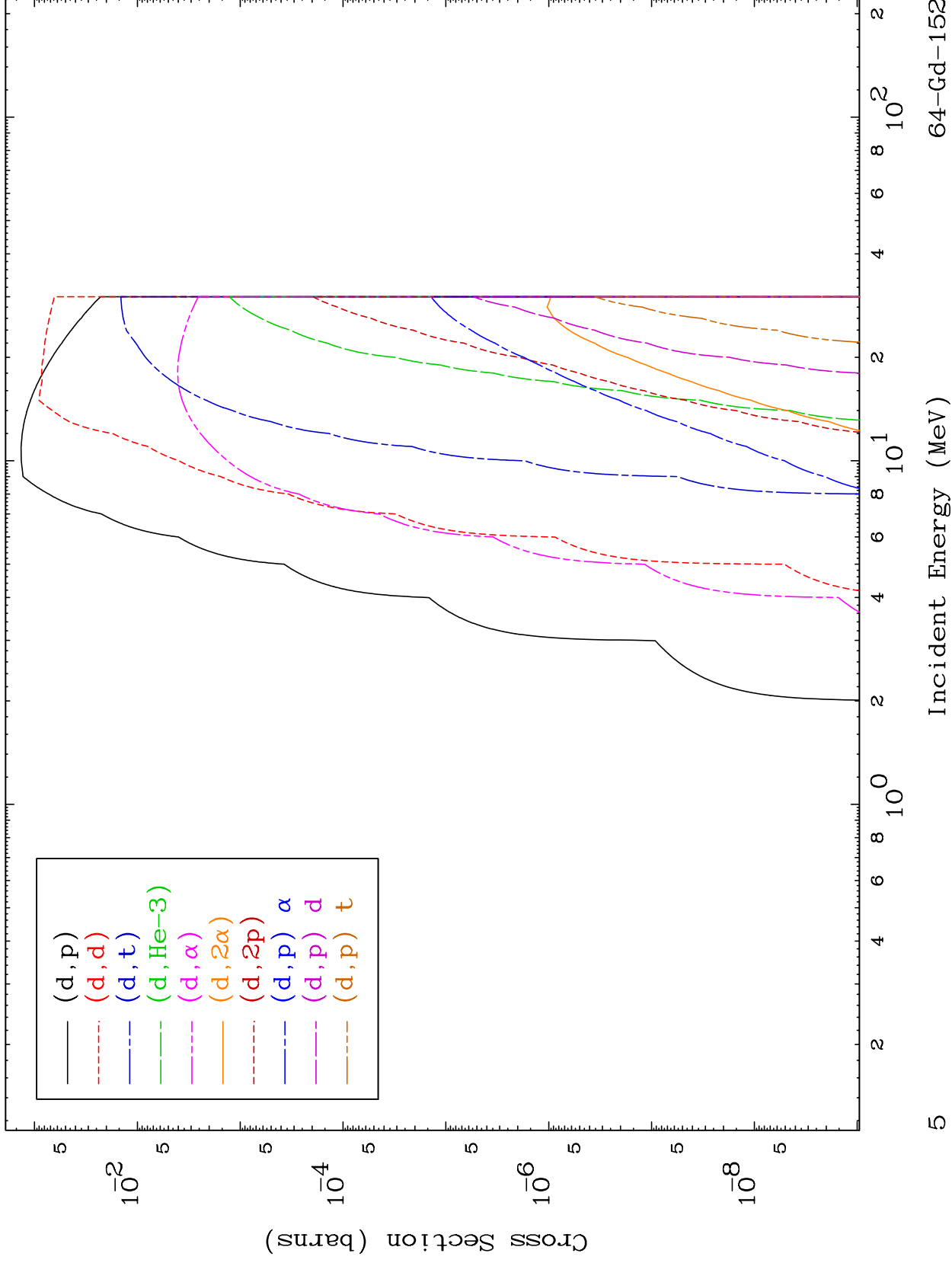


MAT 6425

Deuteron Charged Particle  
0 Kelvin Cross Sections

64-Gd-152



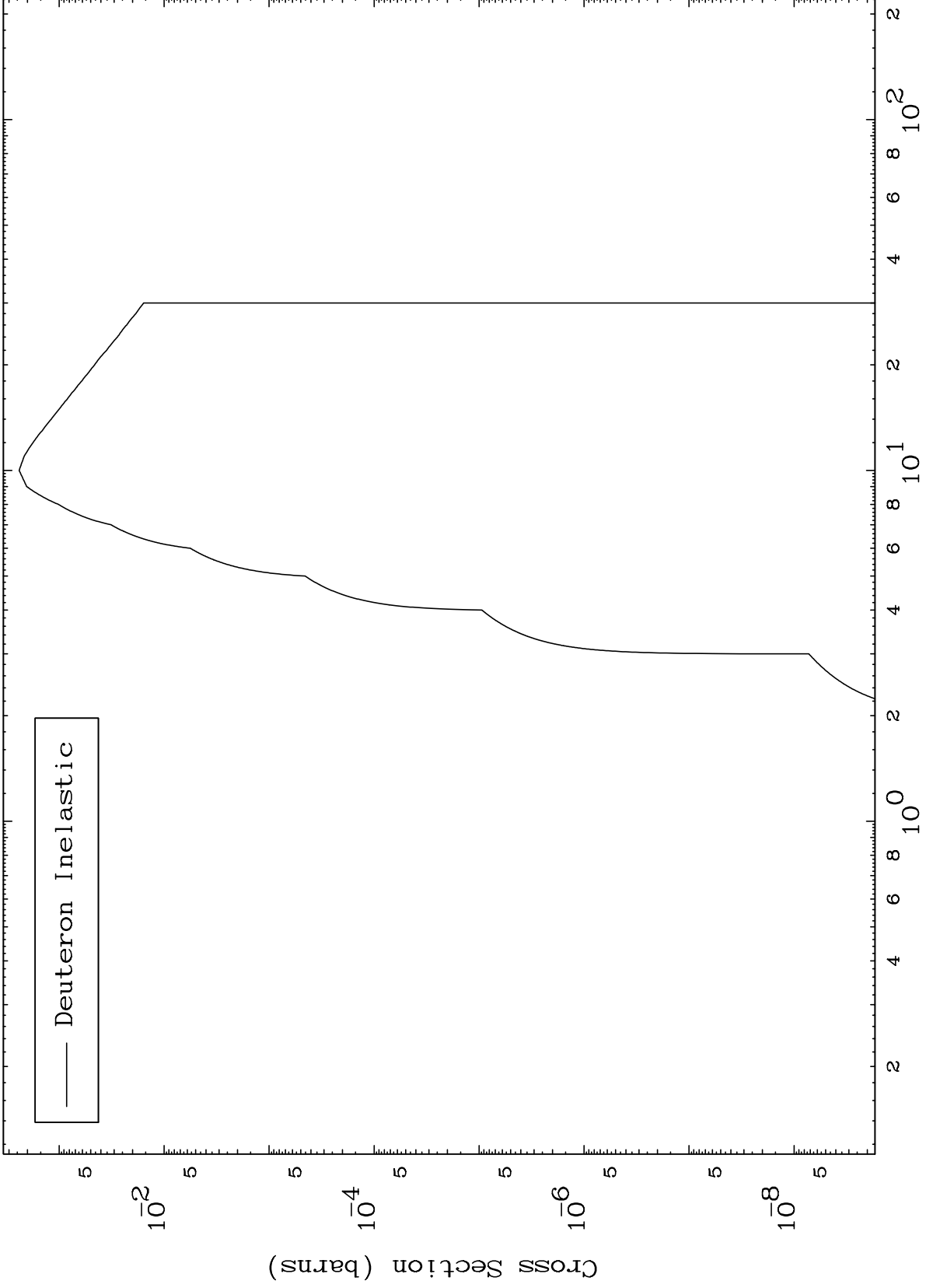


MAT 6425

(d,n') Level

64-Gd-152

0 Kelvin Cross Sections



6

Incident Energy (MeV)

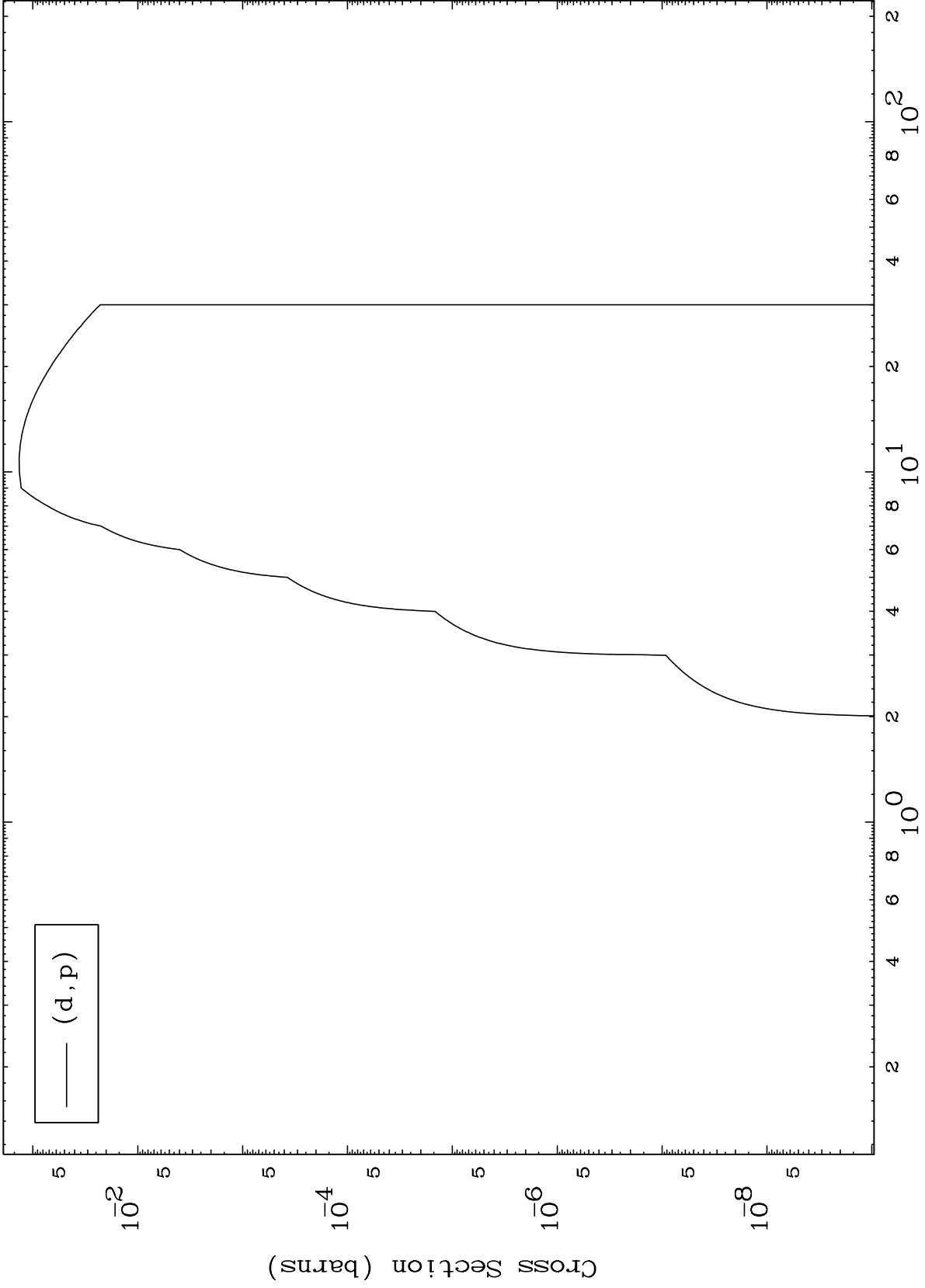
64-Gd-152

MAT 6425

(d,p) Levels

64-Gd-152

0 Kelvin Cross Sections



(d,p)

Incident Energy (MeV)

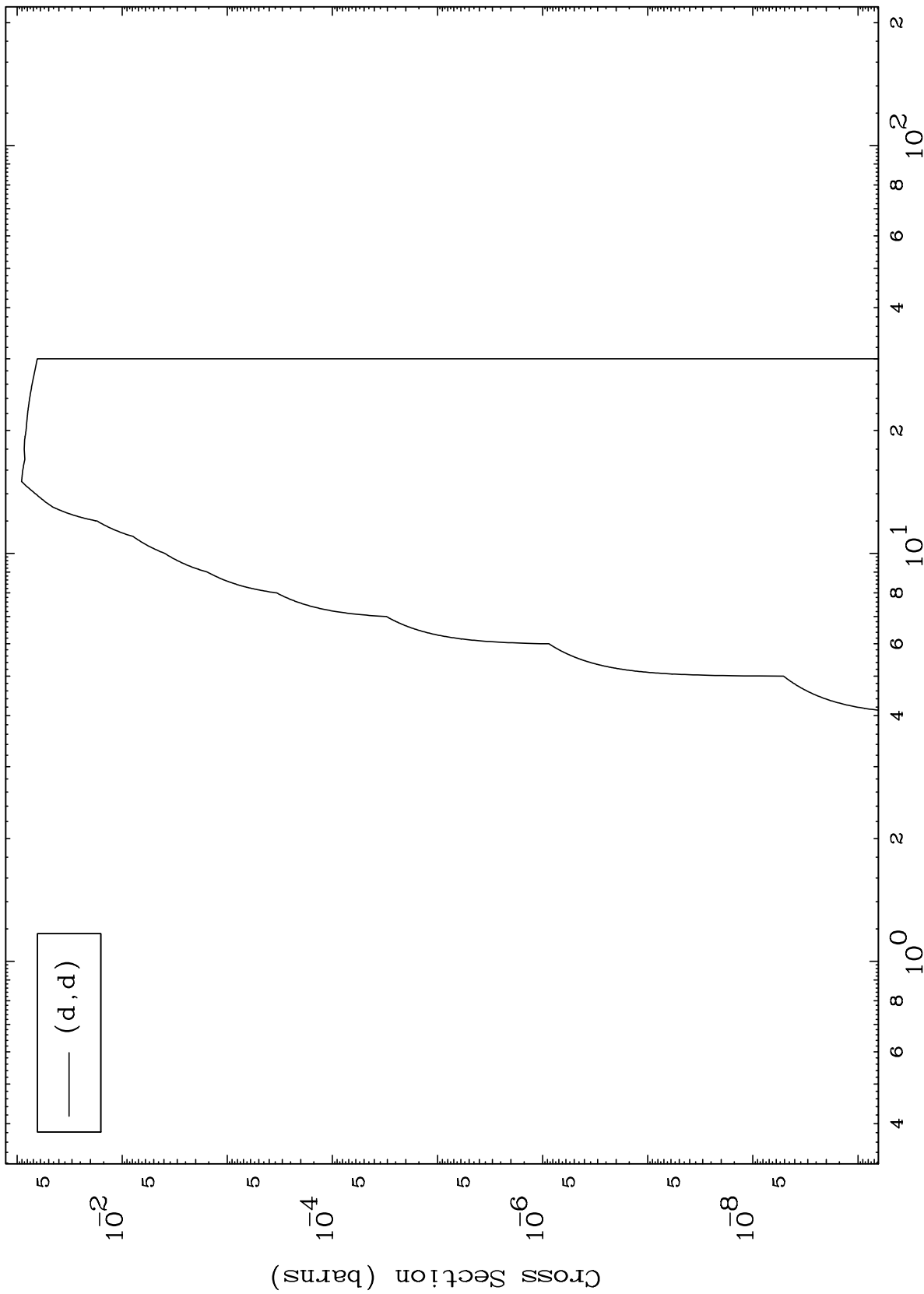
64-Gd-152



MAT 6425

64-Gd-152

(d,d) Levels  
0 Kelvin Cross Sections



64-Gd-152

Incident Energy (MeV)

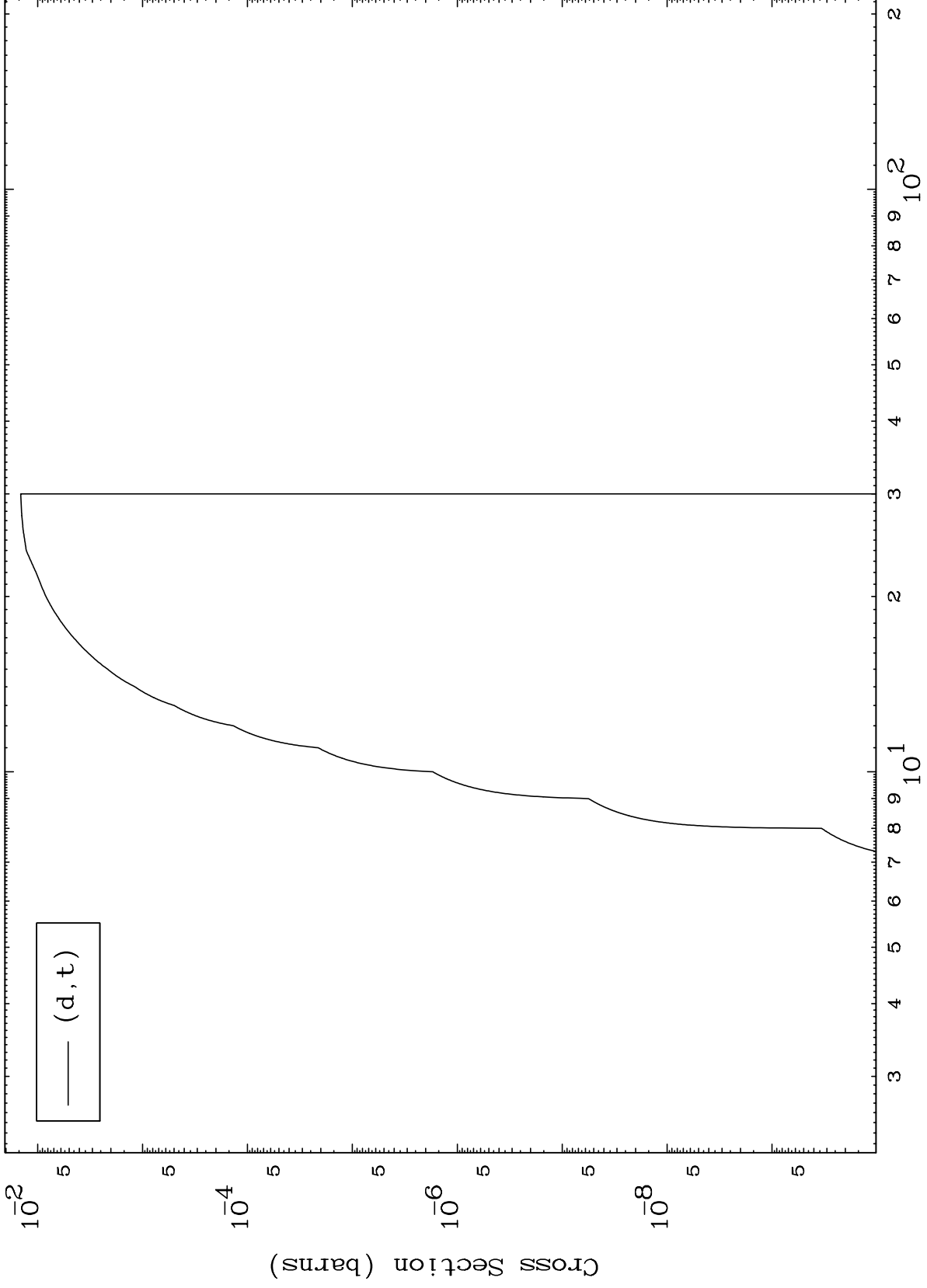
8

MAT 6425

(d,t) Levels

64-Gd-152

0 Kelvin Cross Sections

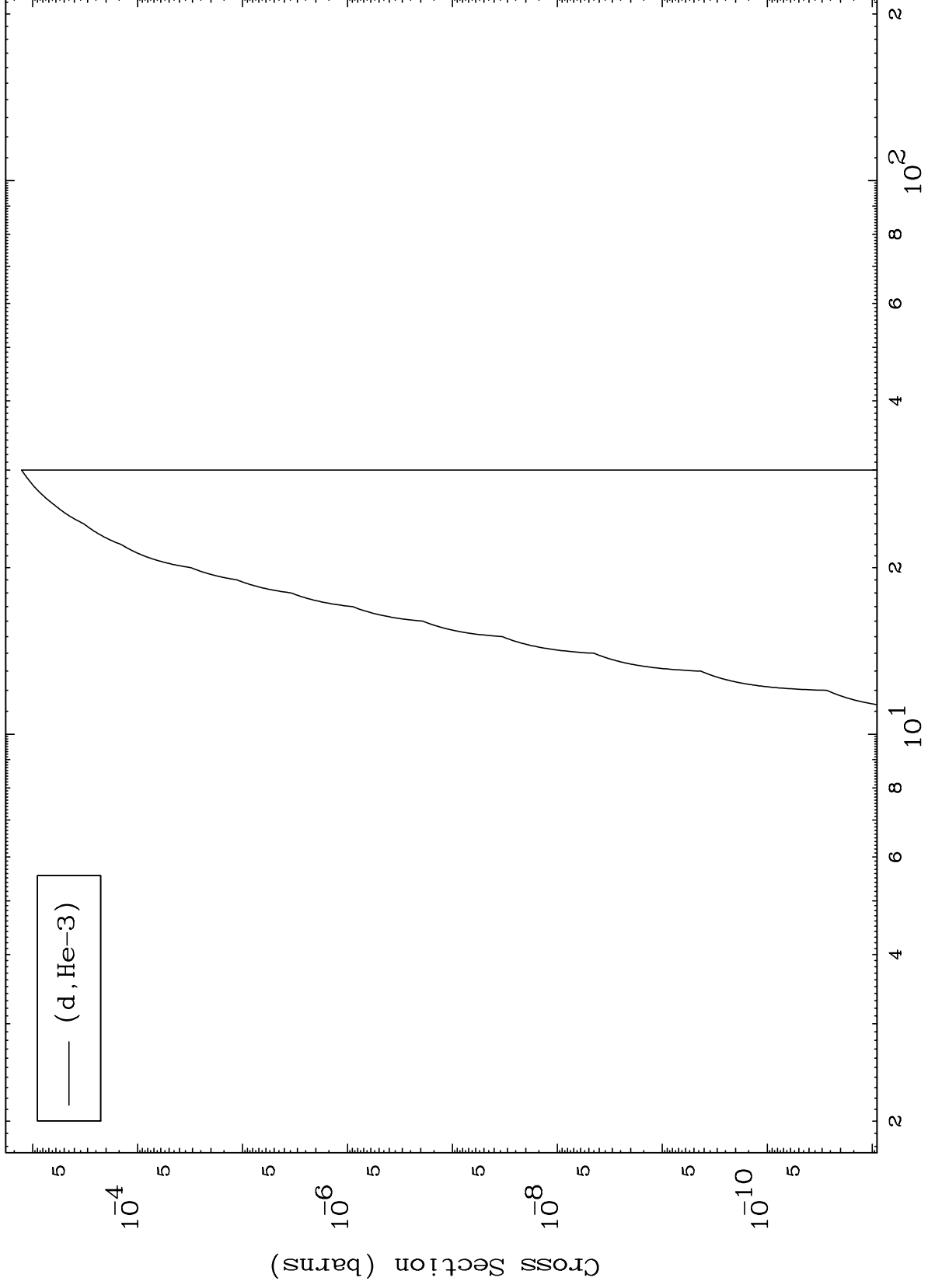


MAT 6425

(d,He3) Levels

64-Gd-152

0 Kelvin Cross Sections



10

Incident Energy (MeV)

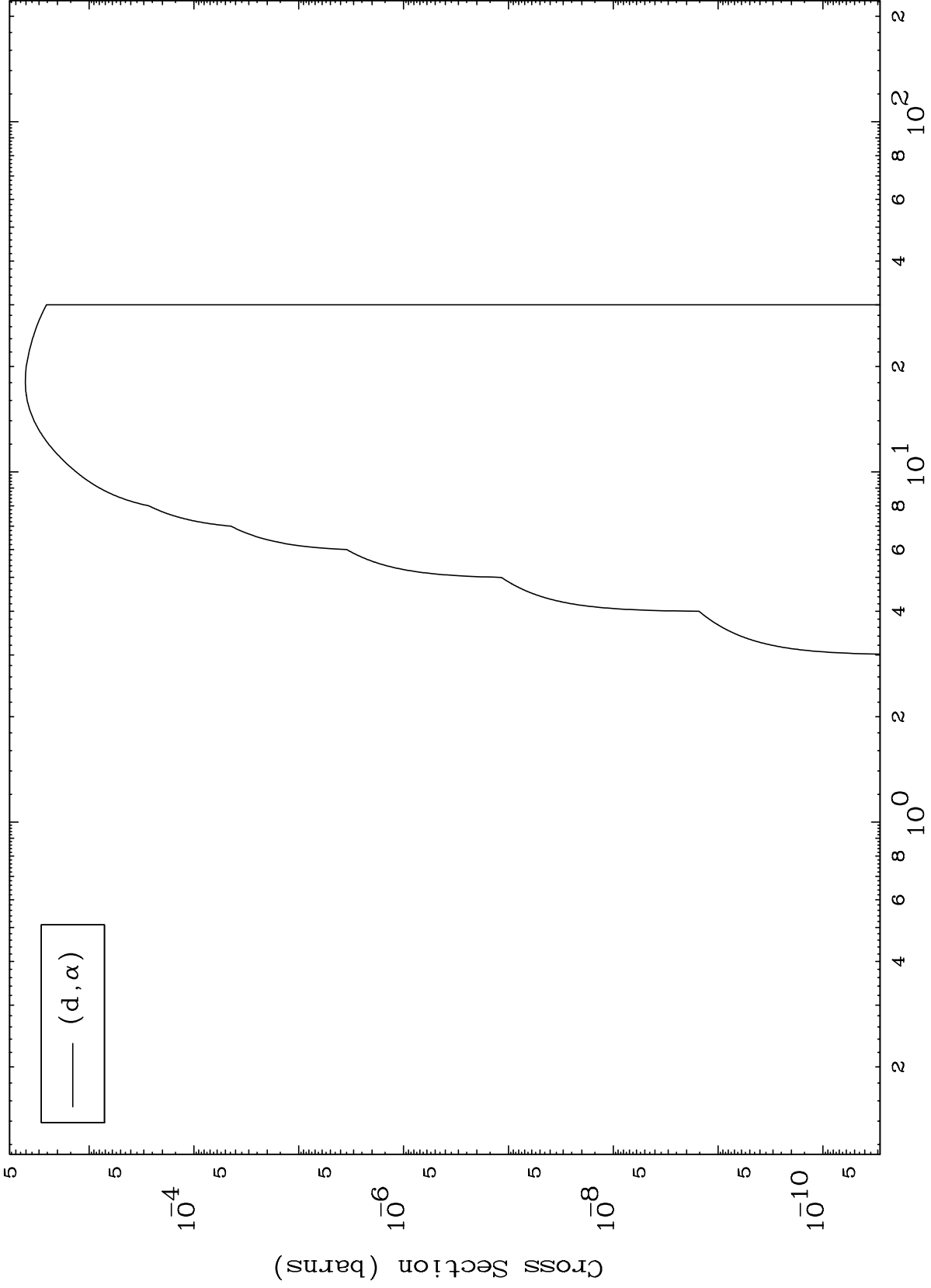
64-Gd-152

MAT 6425

(d,  $\alpha$ ) Levels

64-Gd-152

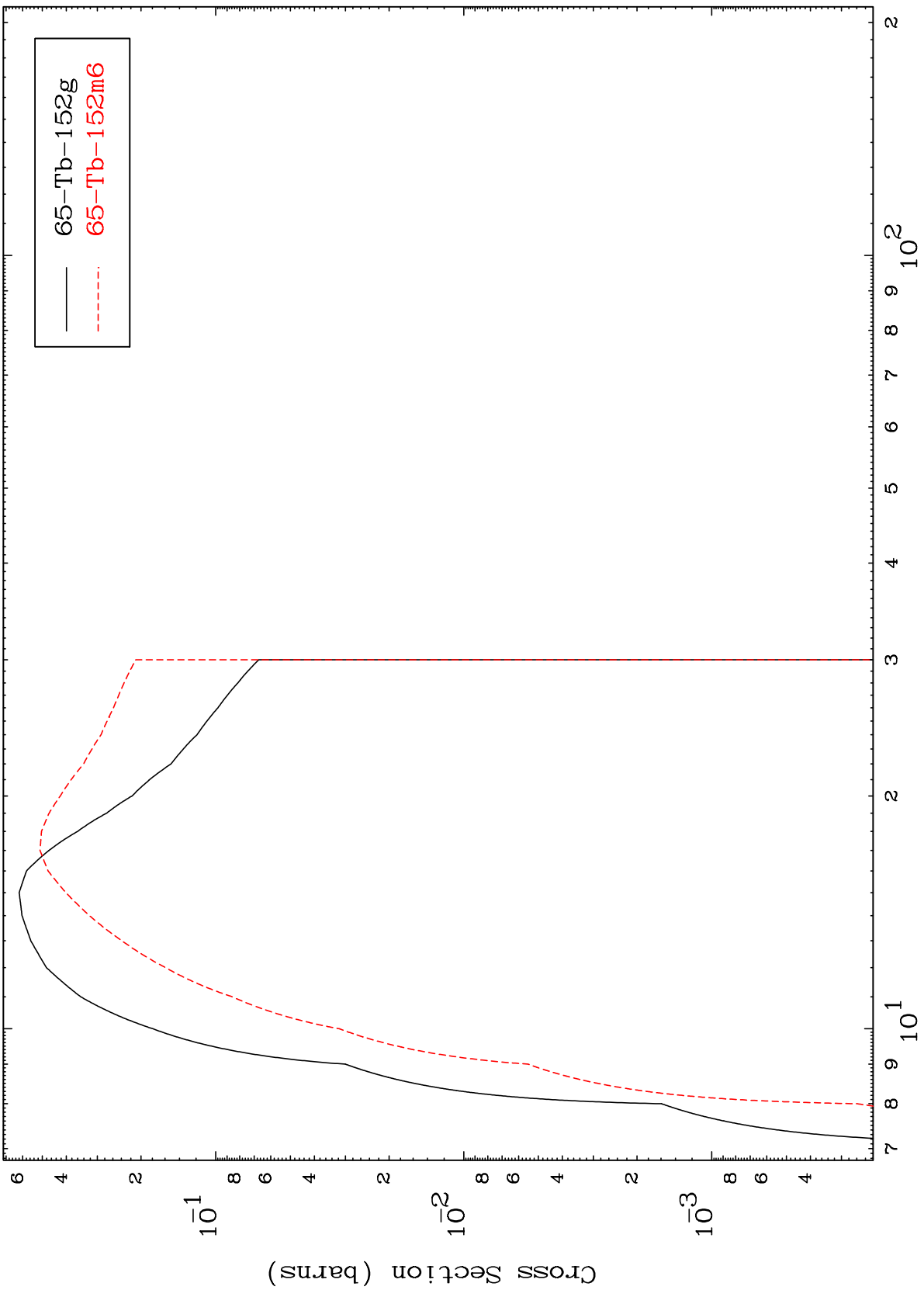
0 Kelvin Cross Sections



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64-Gd-152

(d,2n)  
Radionuclide Production Cross Section



65-Tb-152g  
65-Tb-152m6

64-Gd-152

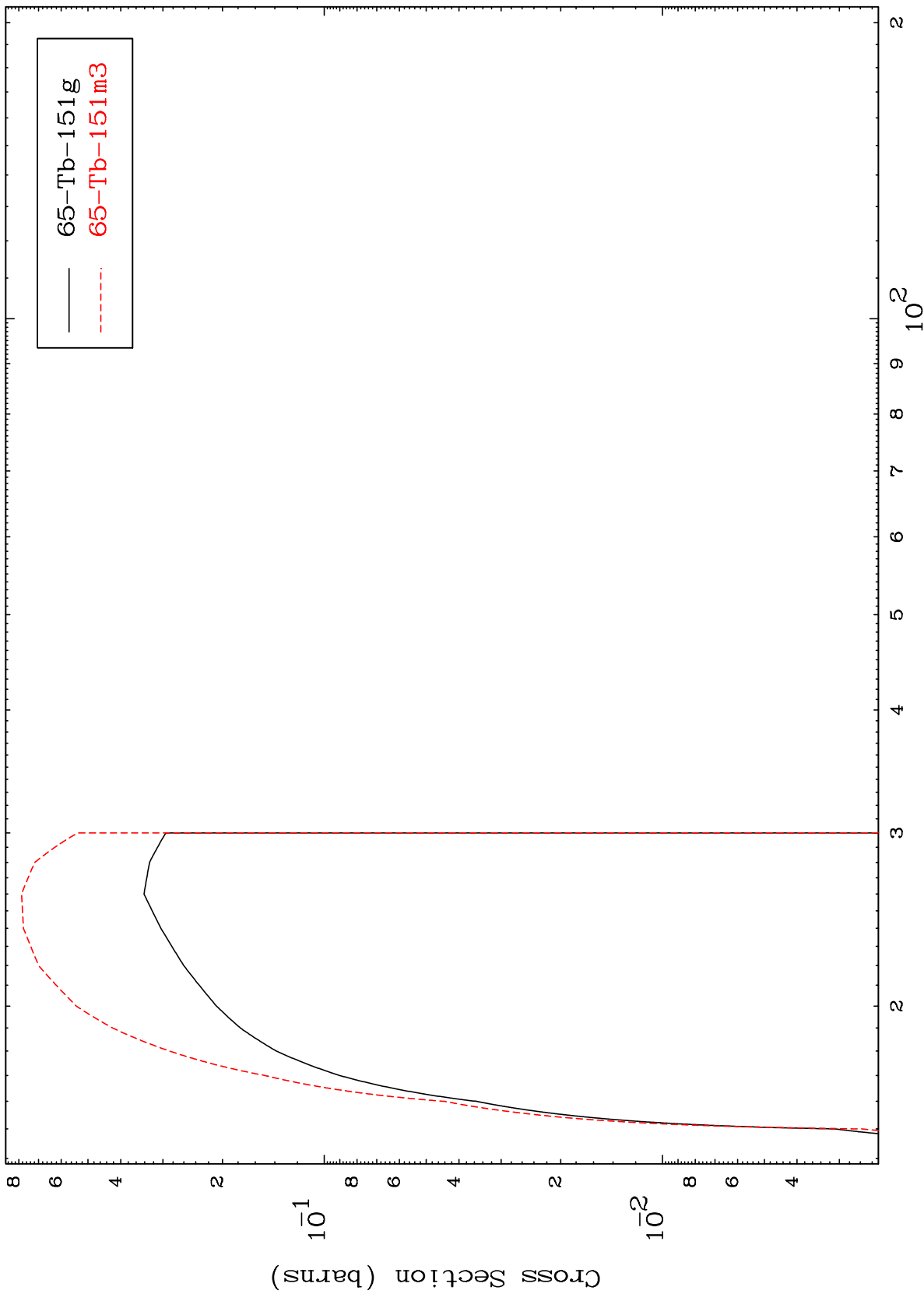
Incident Energy (MeV)

12

MAT 6425

64-Gd-152

(d,3n)  
Radionuclide Production Cross Section



65-Tb-151g  
65-Tb-151m3

13

Incident Energy (MeV)

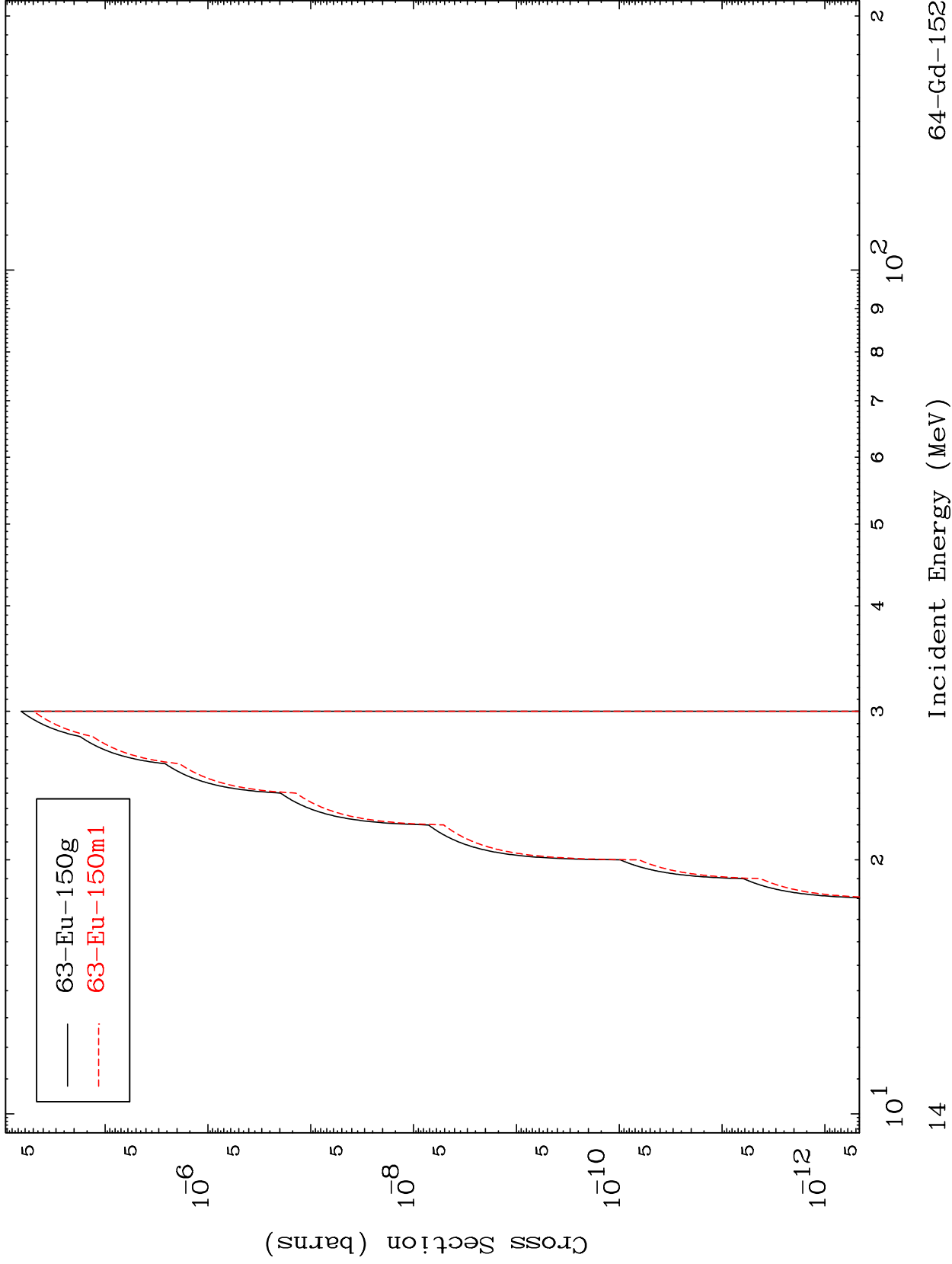
64-Gd-152

MAT 6425

(d,n') He-3

64-Gd-152

Radionuclide Production Cross Section



64-Gd-152

Incident Energy (MeV)

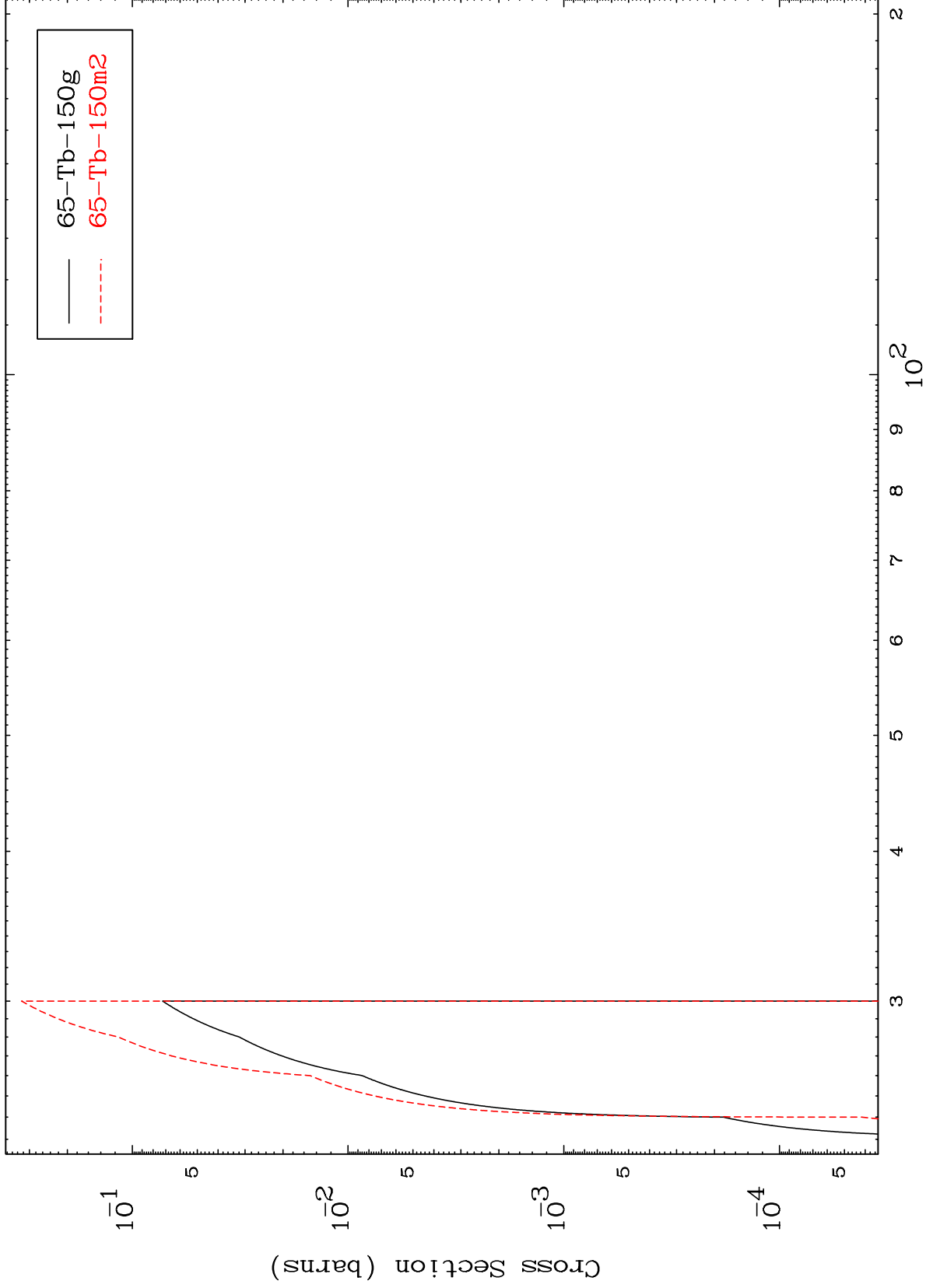
14

MAT 6425

(d,4n)

64-Gd-152

Radionuclide Production Cross Section



15

Incident Energy (MeV)

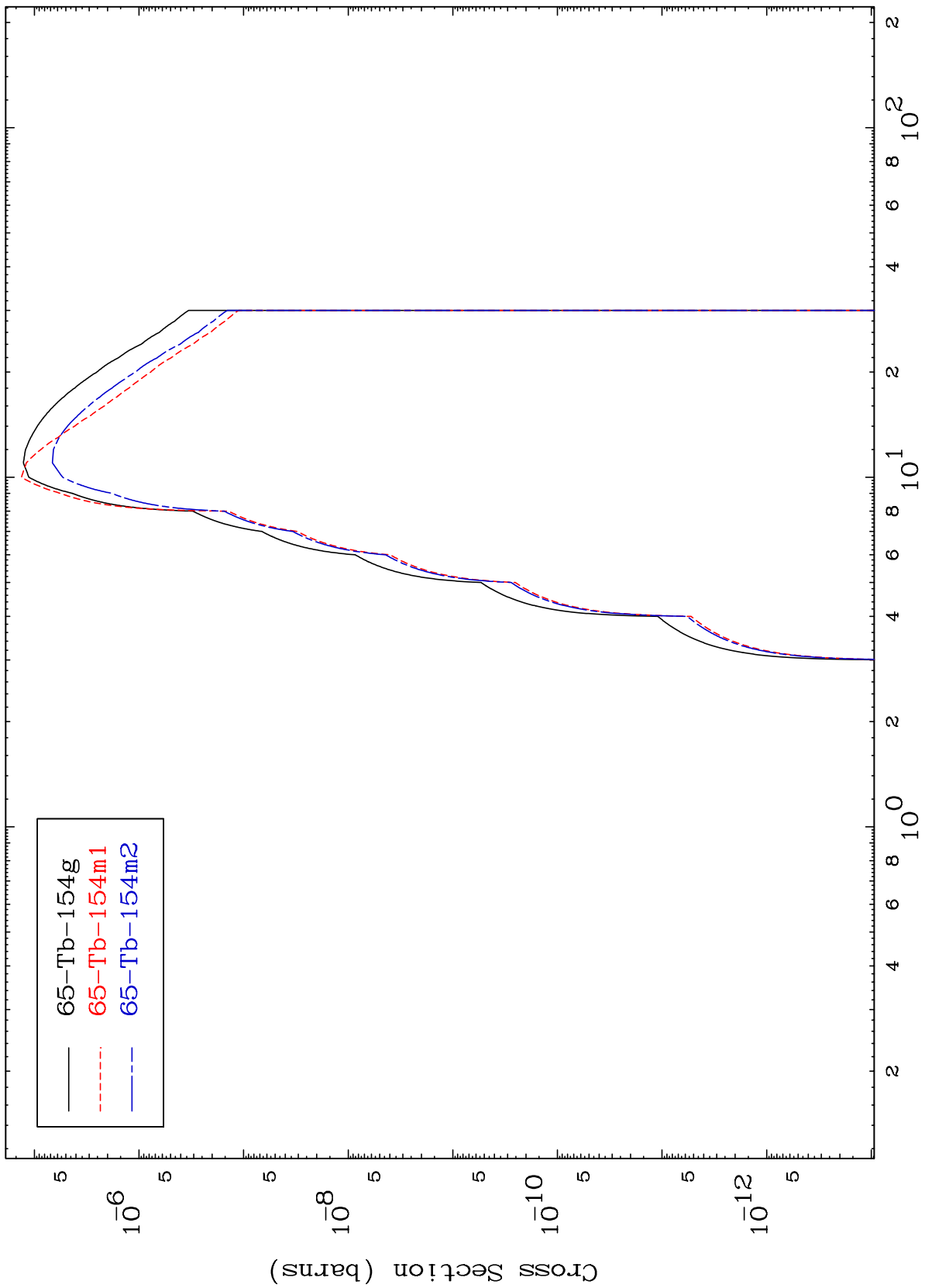
64-Gd-152



MAT 6425

64-Gd-152

(d,  $\gamma$ )  
Radionuclide Production Cross Section



65-Tb-154g  
65-Tb-154m1  
65-Tb-154m2

16

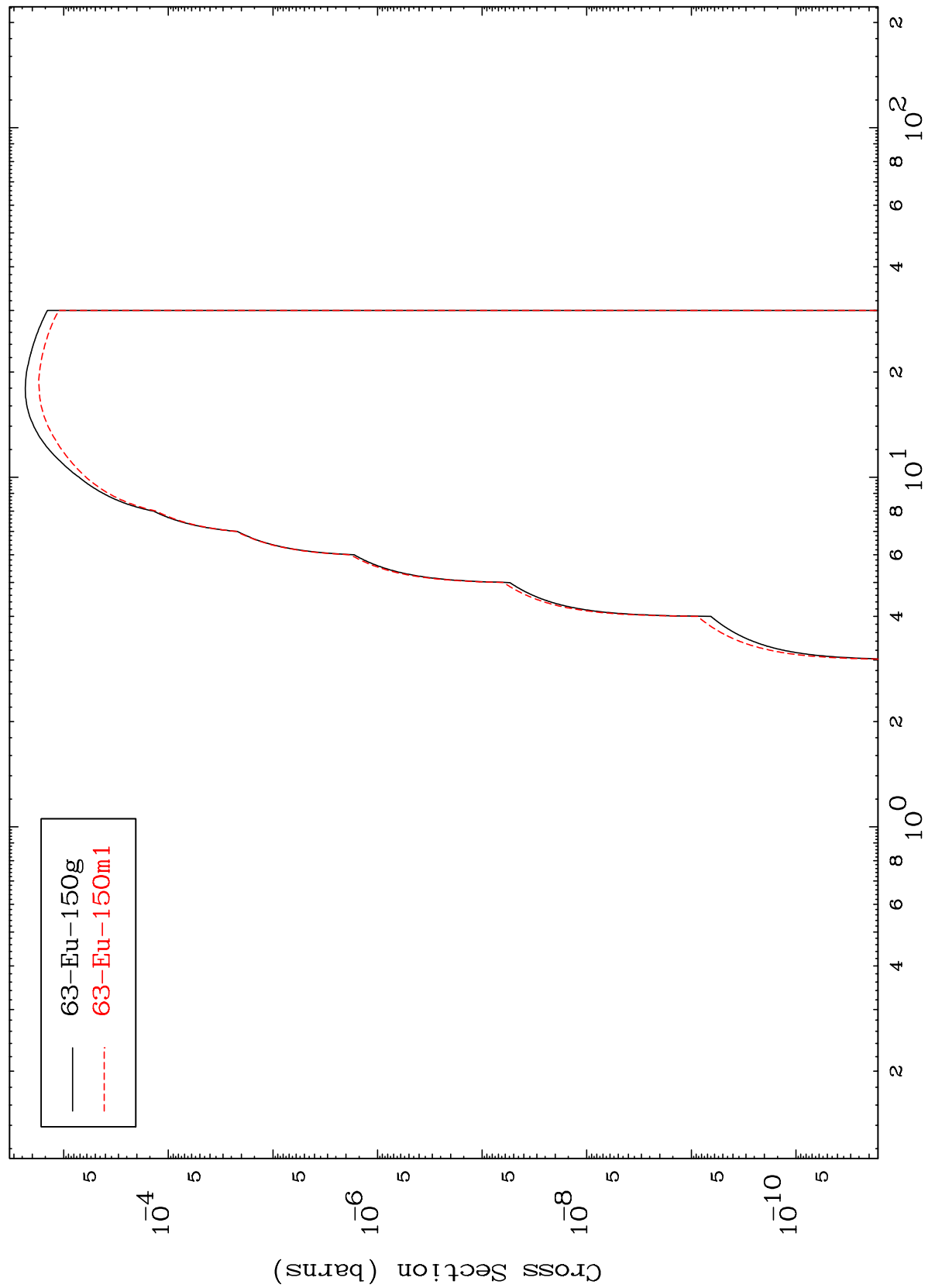
Incident Energy (MeV)

64-Gd-152

MAT 6425

64-Gd-152

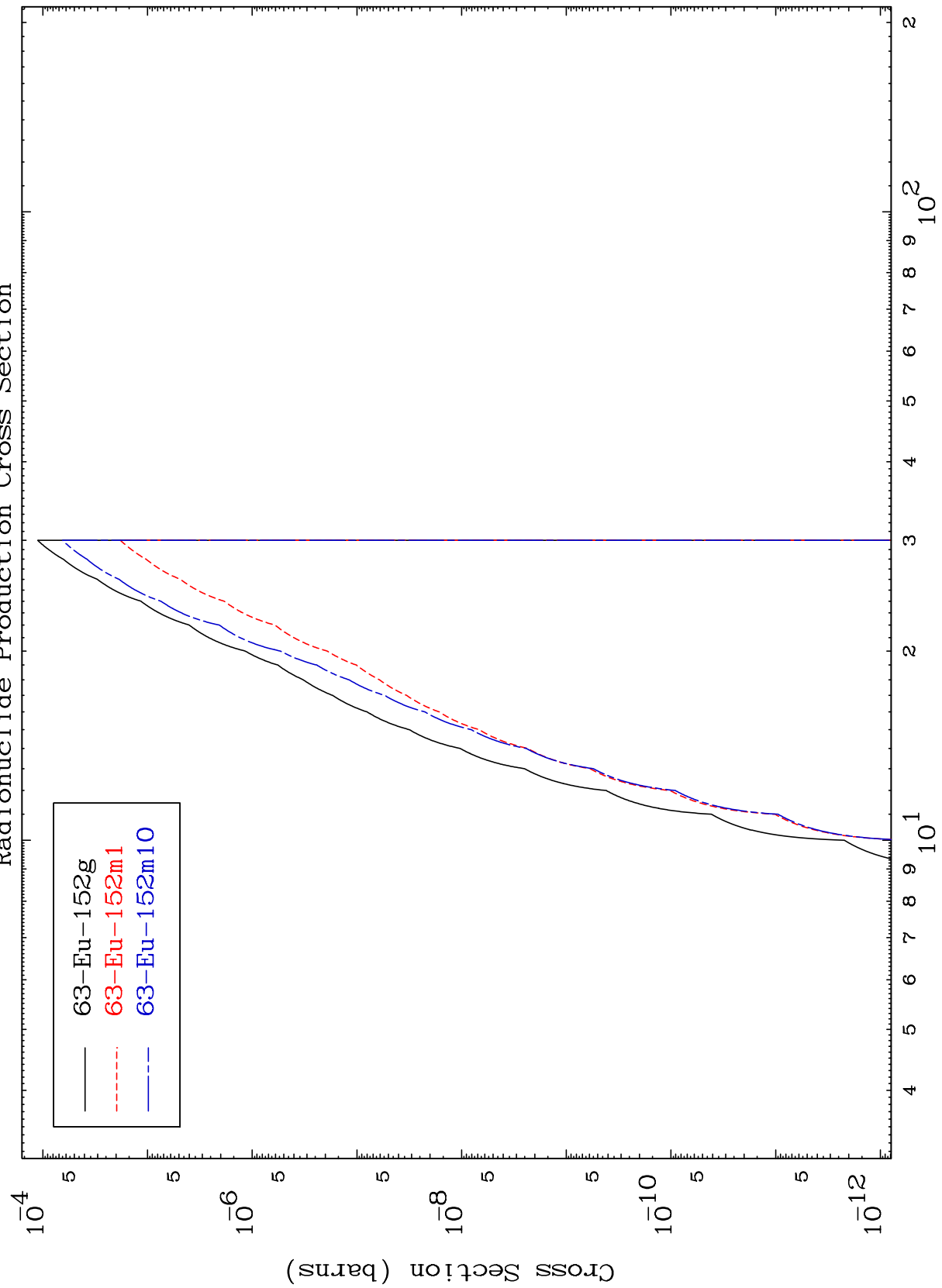
Radionuclide Production Cross Section  
(d,  $\alpha$ )



MAT 6425

64-Gd-152

(d,2p)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

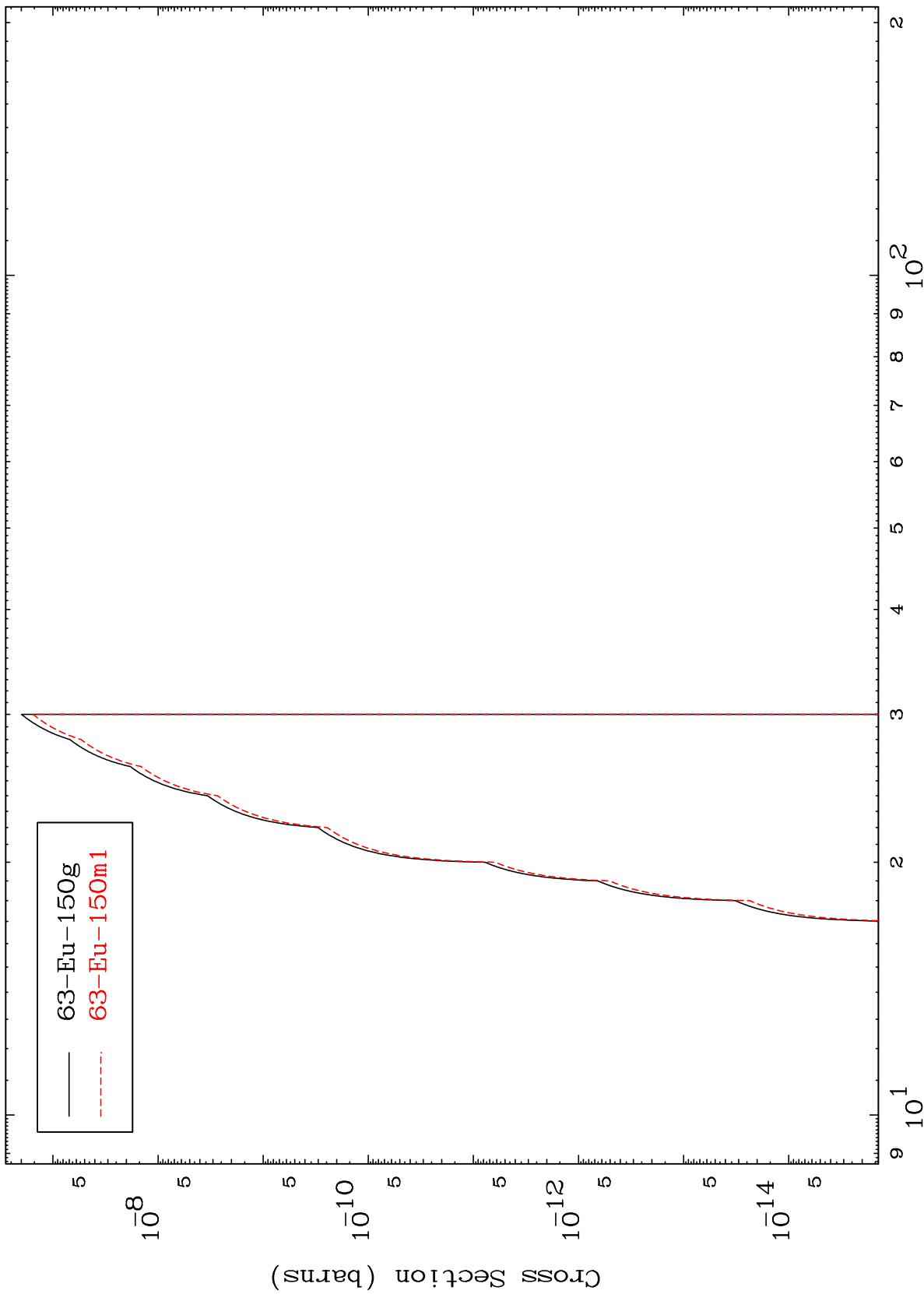
64-Gd-152

MAT 6425

(d,p) t

64-Gd-152

Radionuclide Production Cross Section



63-Eu-150g  
63-Eu-150m1

19

Incident Energy (MeV)

64-Gd-152