

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

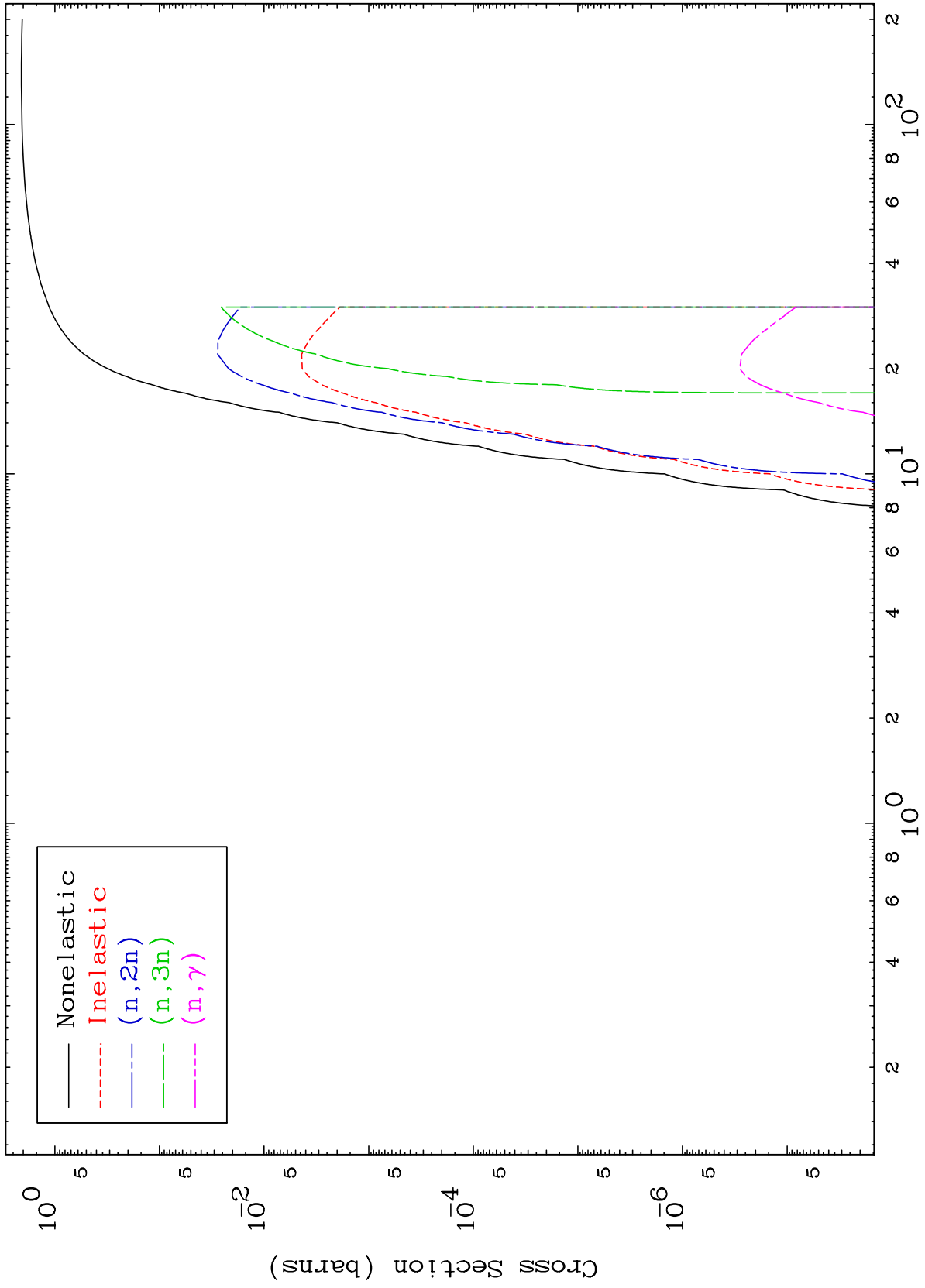
Press Mouse Button to Start

MAT 6416

He-3 Major

64-Gd-149

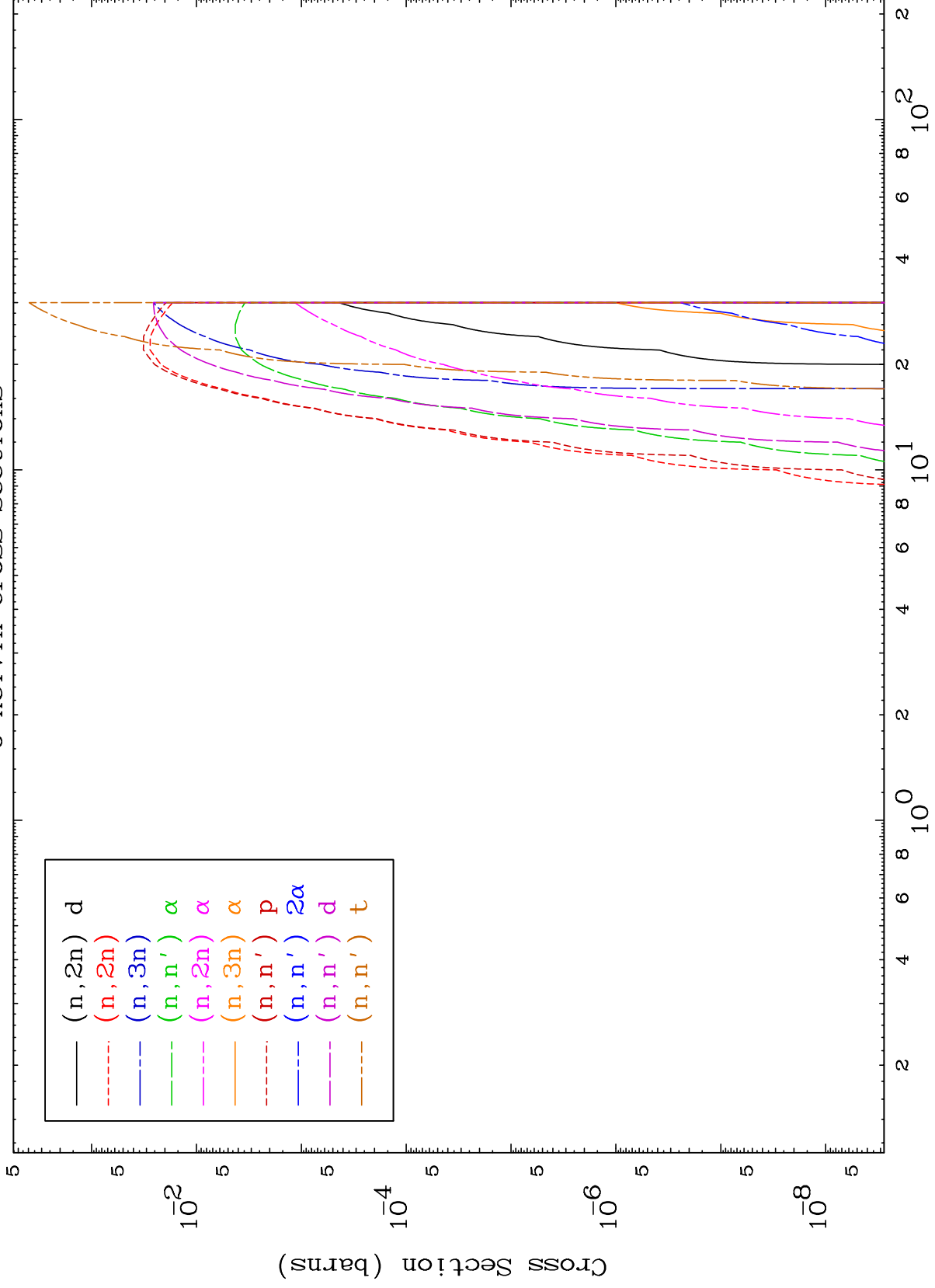
0 Kelvin Cross Sections

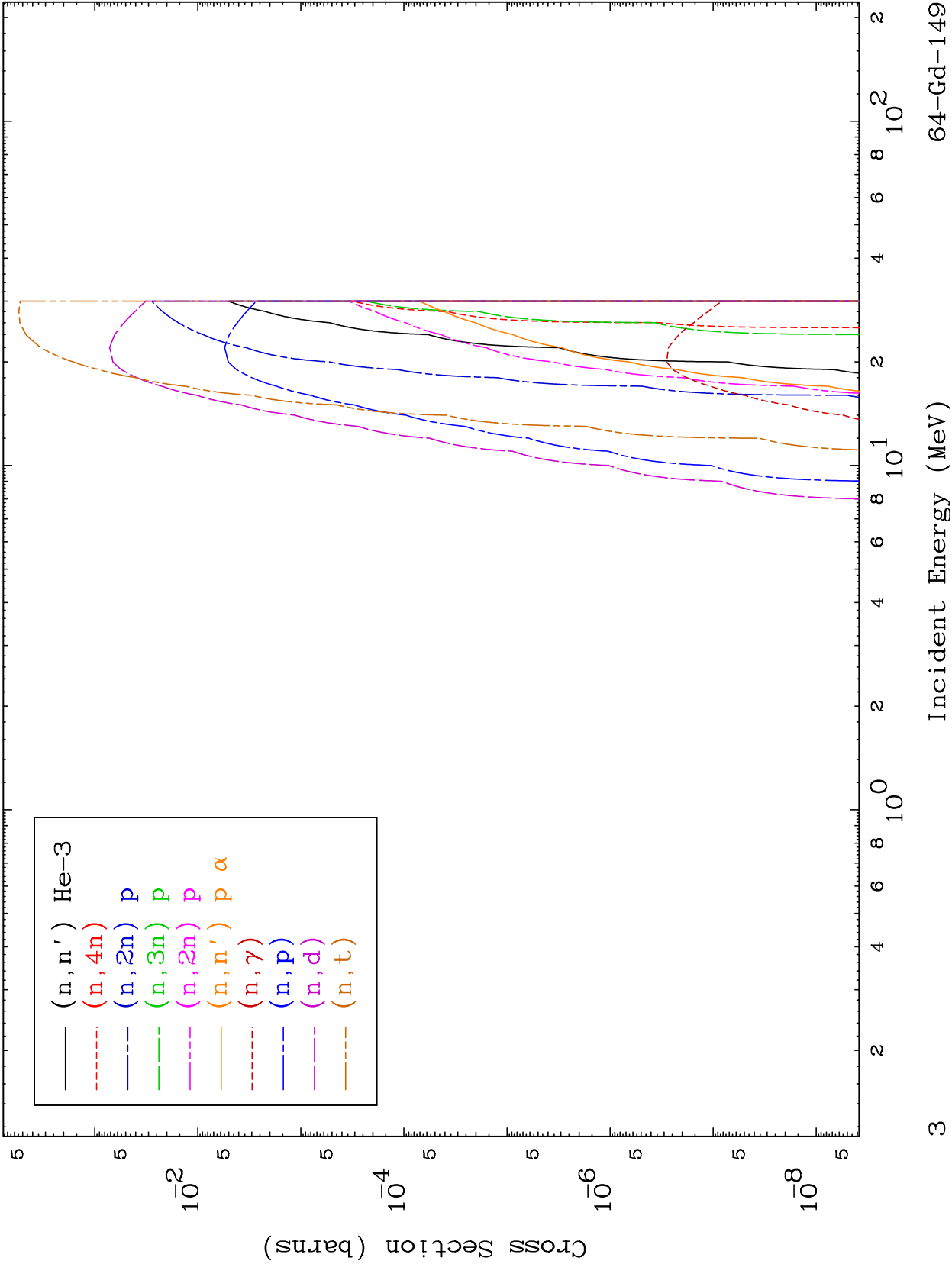


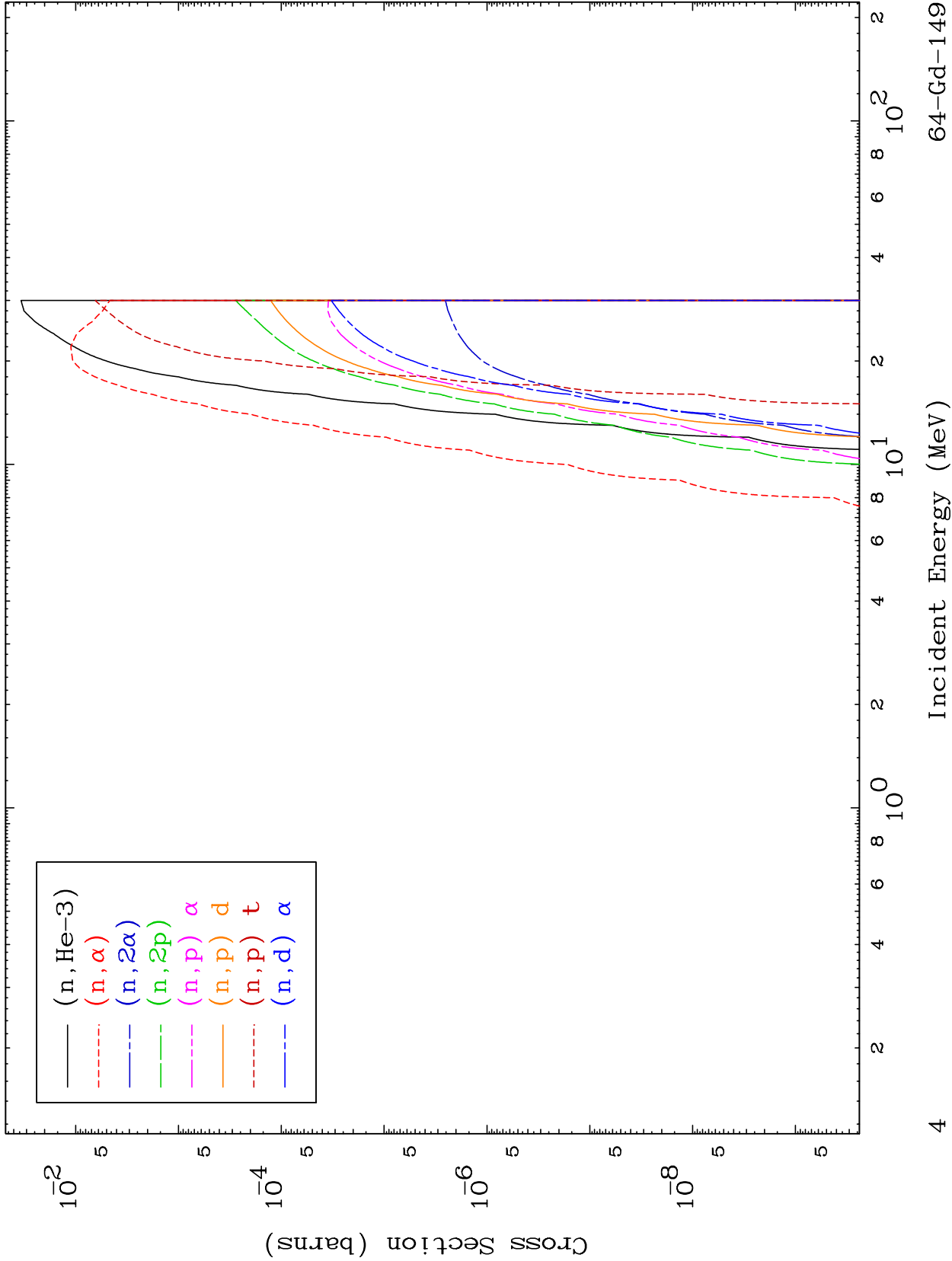
MAT 6416

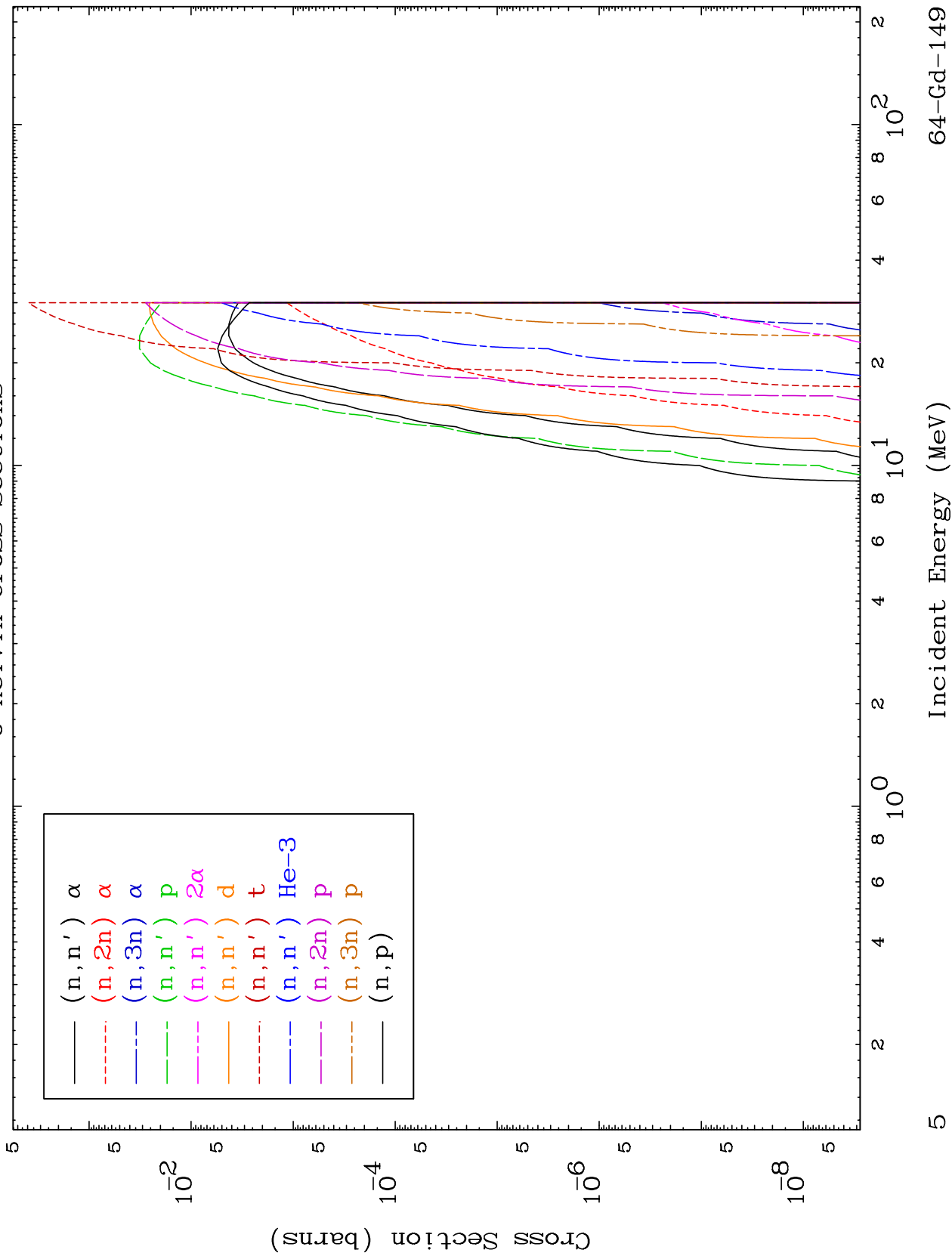
He-3 Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-149





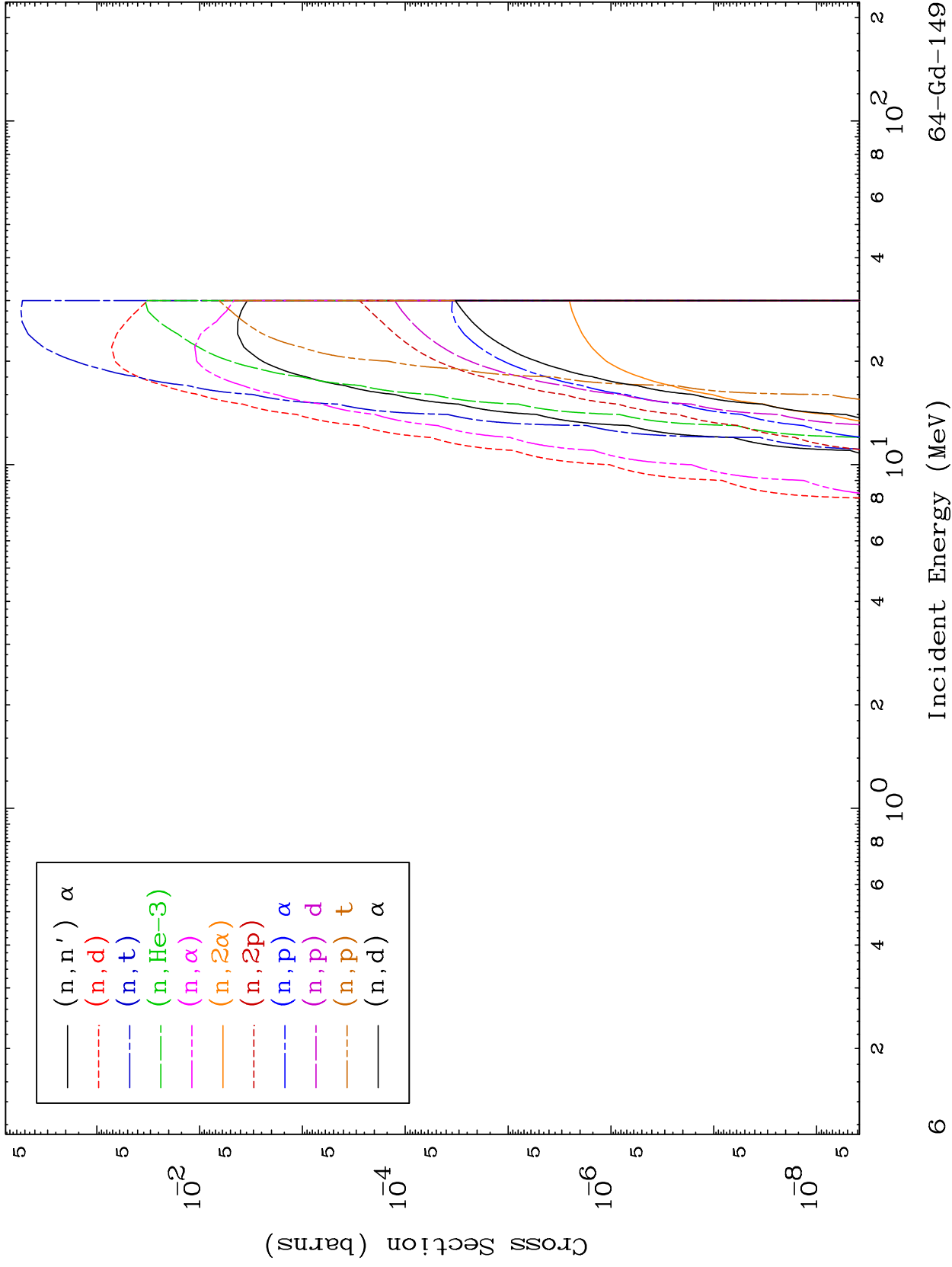




MAT 6416

He-3 Charged Particle  
0 Kelvin Cross Sections

64-Gd-149

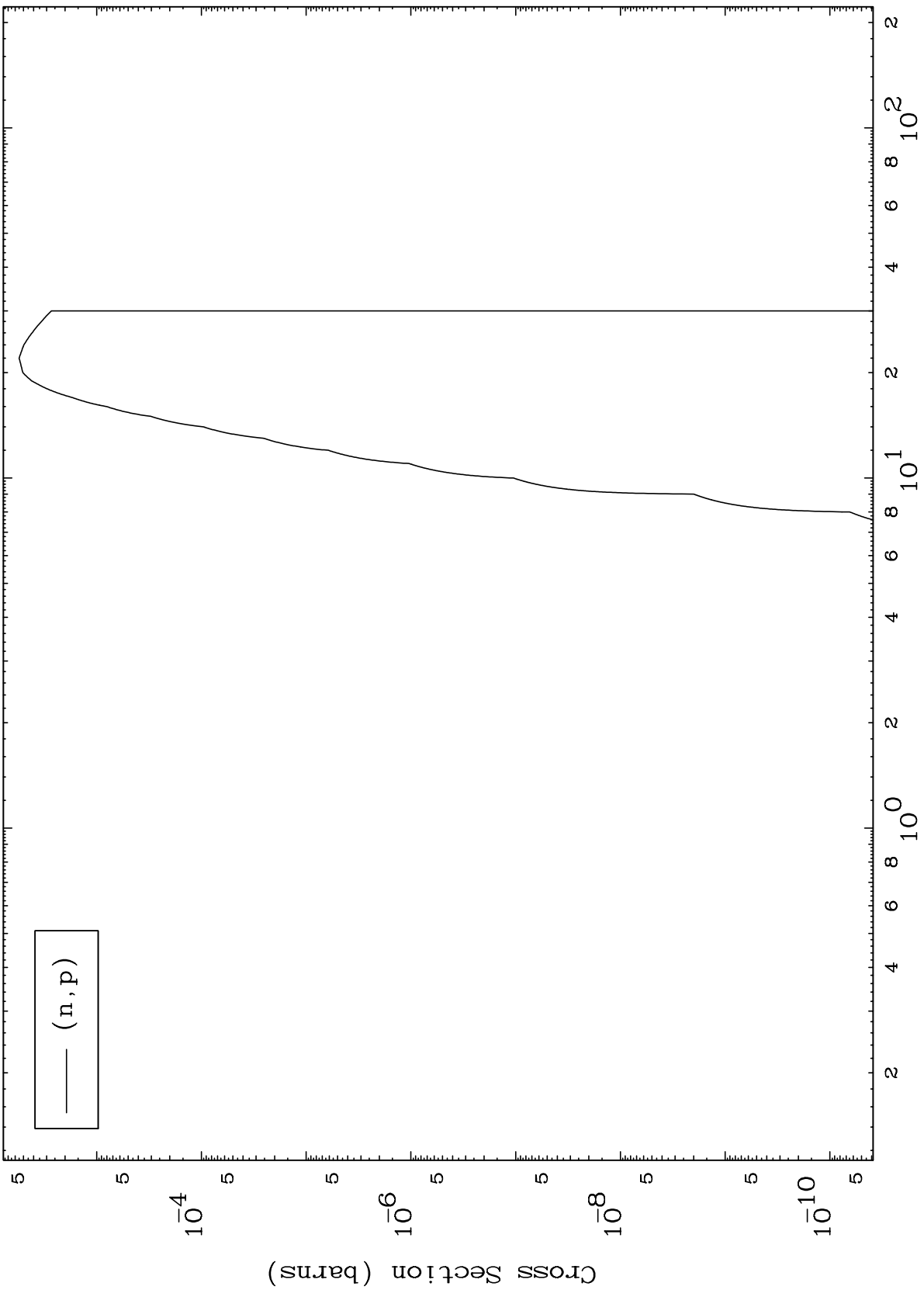


MAT 6416

(He-3,p) Levels

64-Gd-149

0 Kelvin Cross Sections

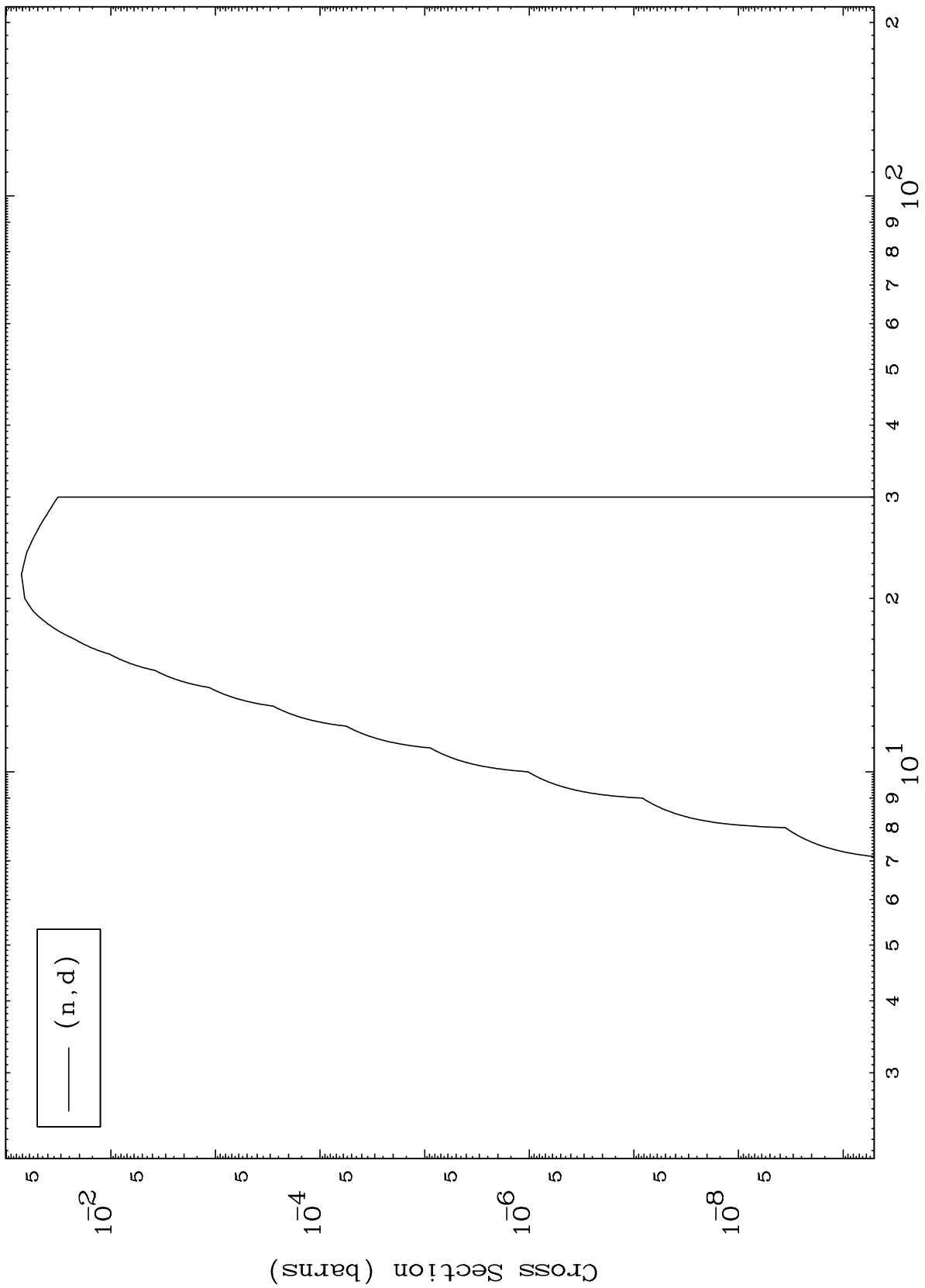




MAT 6416

64-Gd-149

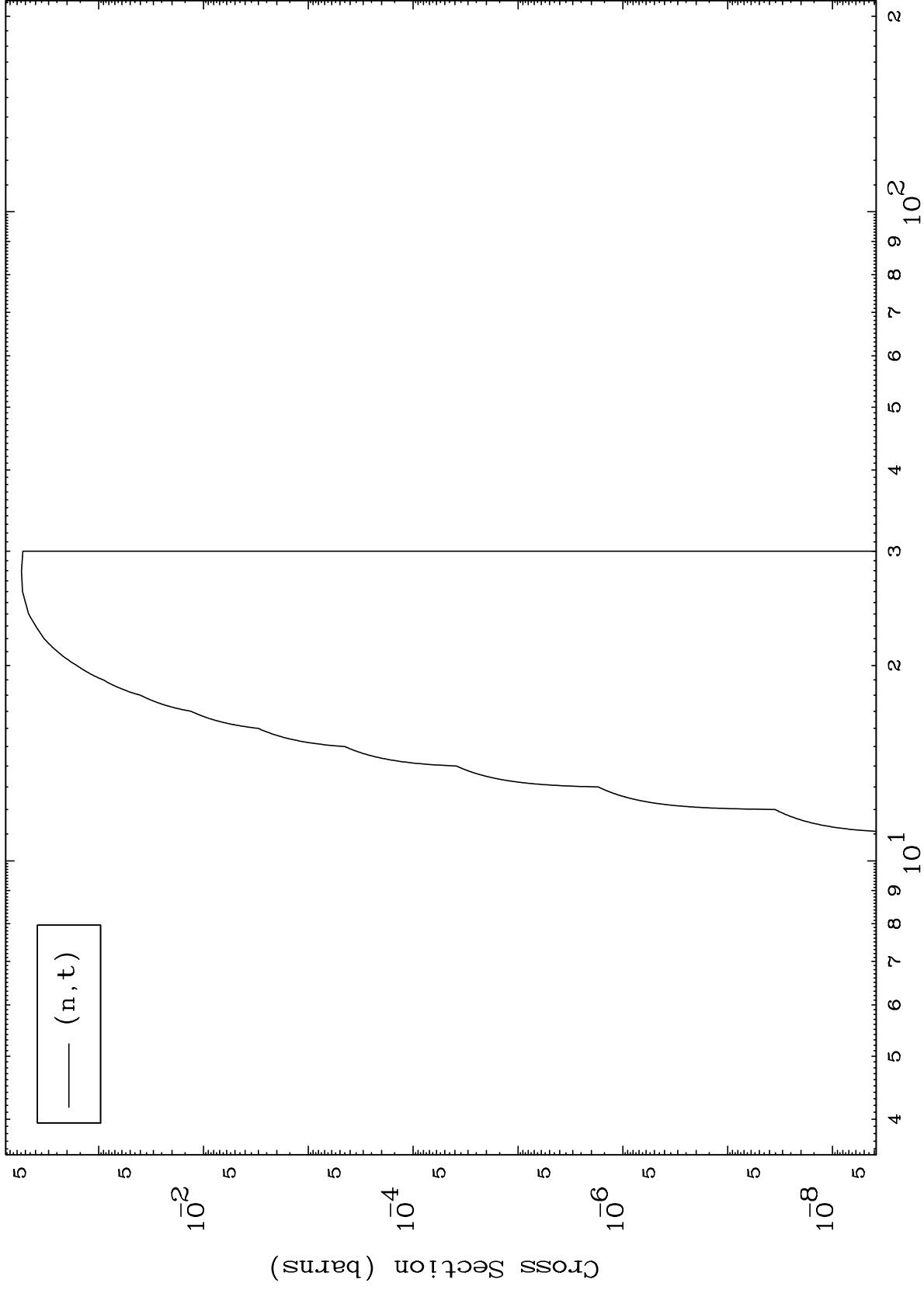
(He-3,d) Levels  
0 Kelvin Cross Sections



MAT 6416

(He-3,t) Levels  
0 Kelvin Cross Sections

64-Gd-149



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Incident Energy (MeV)

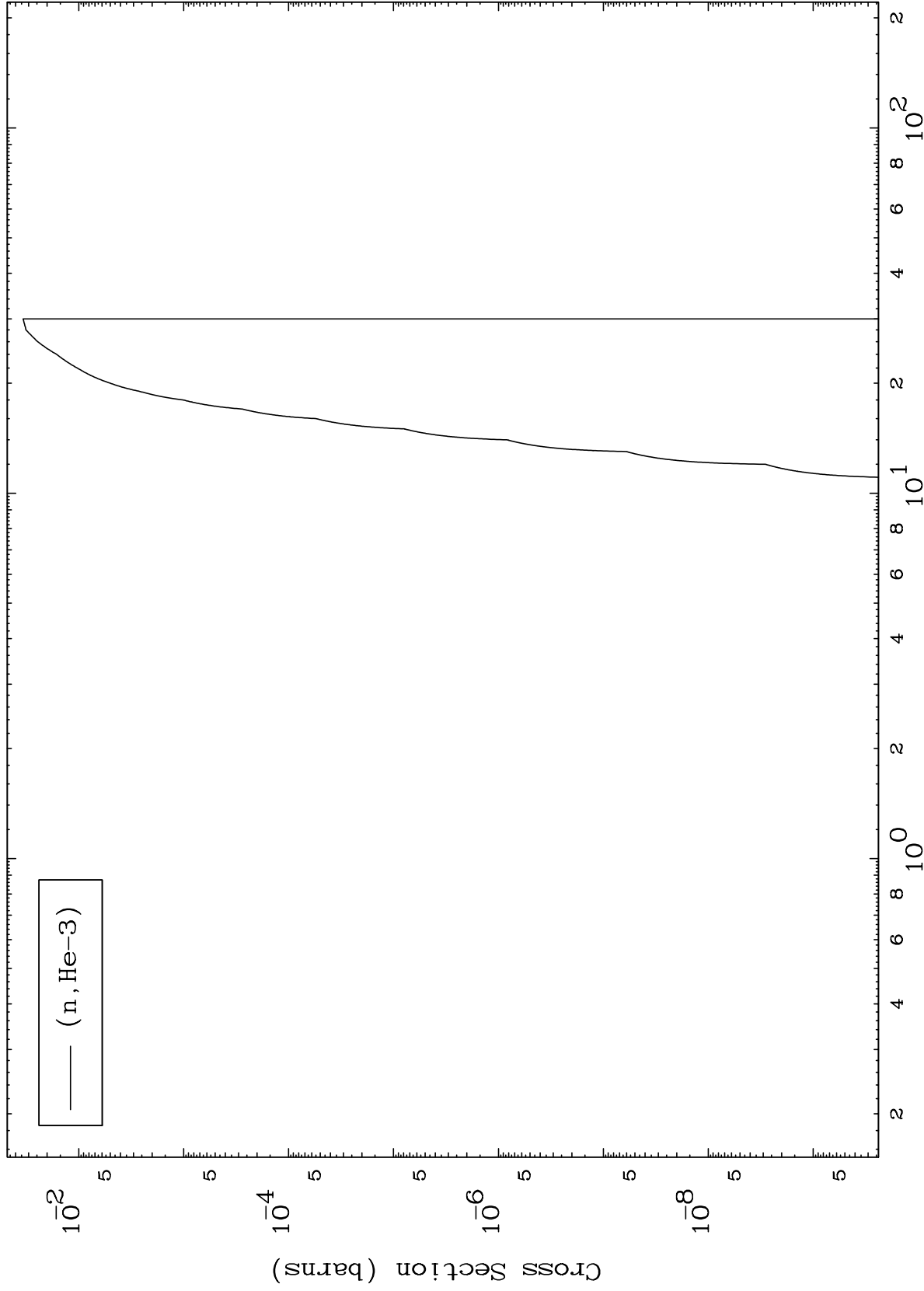
64-Gd-149

MAT 6416

(He-3, He3) Levels

64-Gd-149

0 Kelvin Cross Sections



10

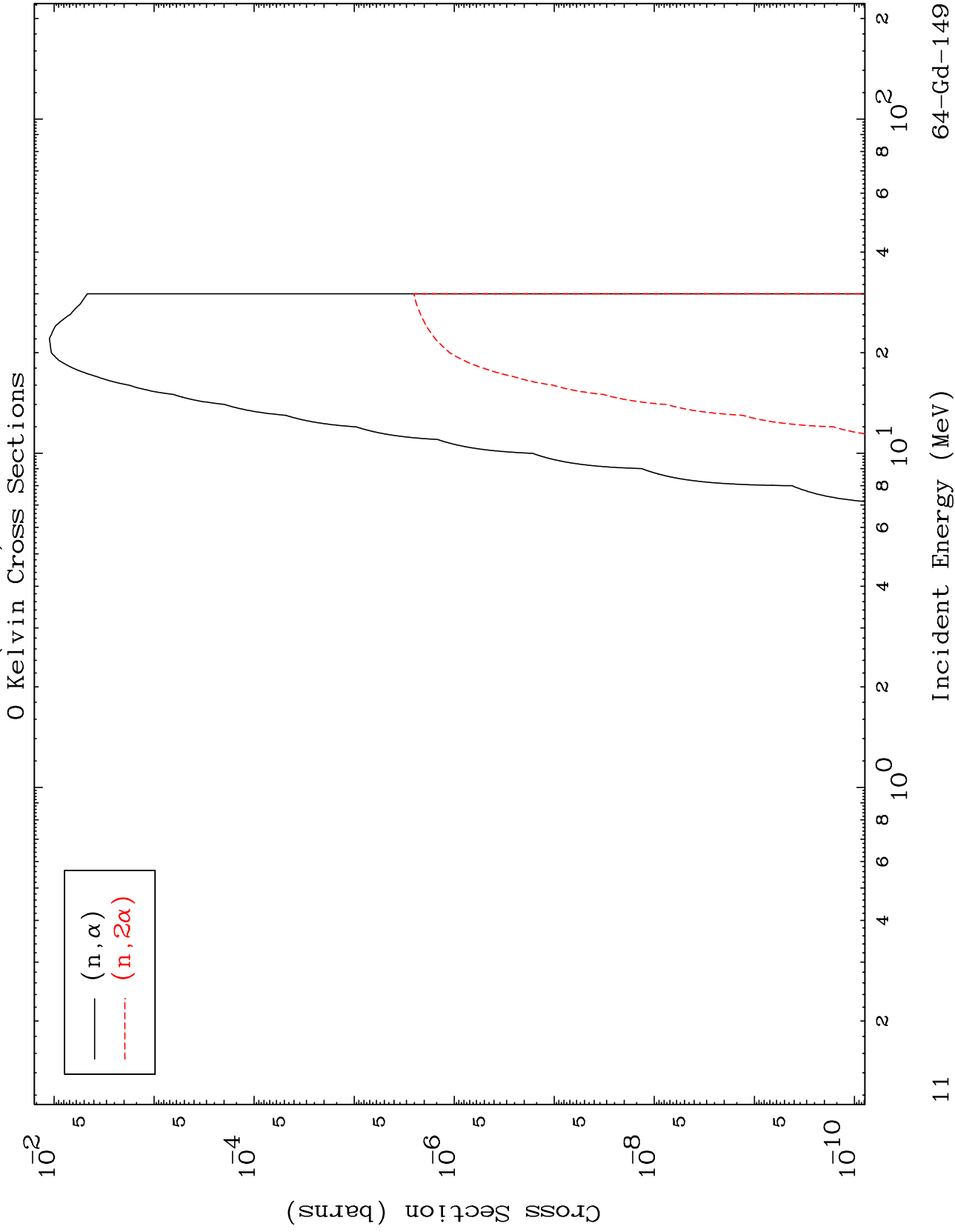
Incident Energy (MeV)

64-Gd-149

MAT 6416

(He-3,  $\alpha$ ) Levels

64-Gd-149

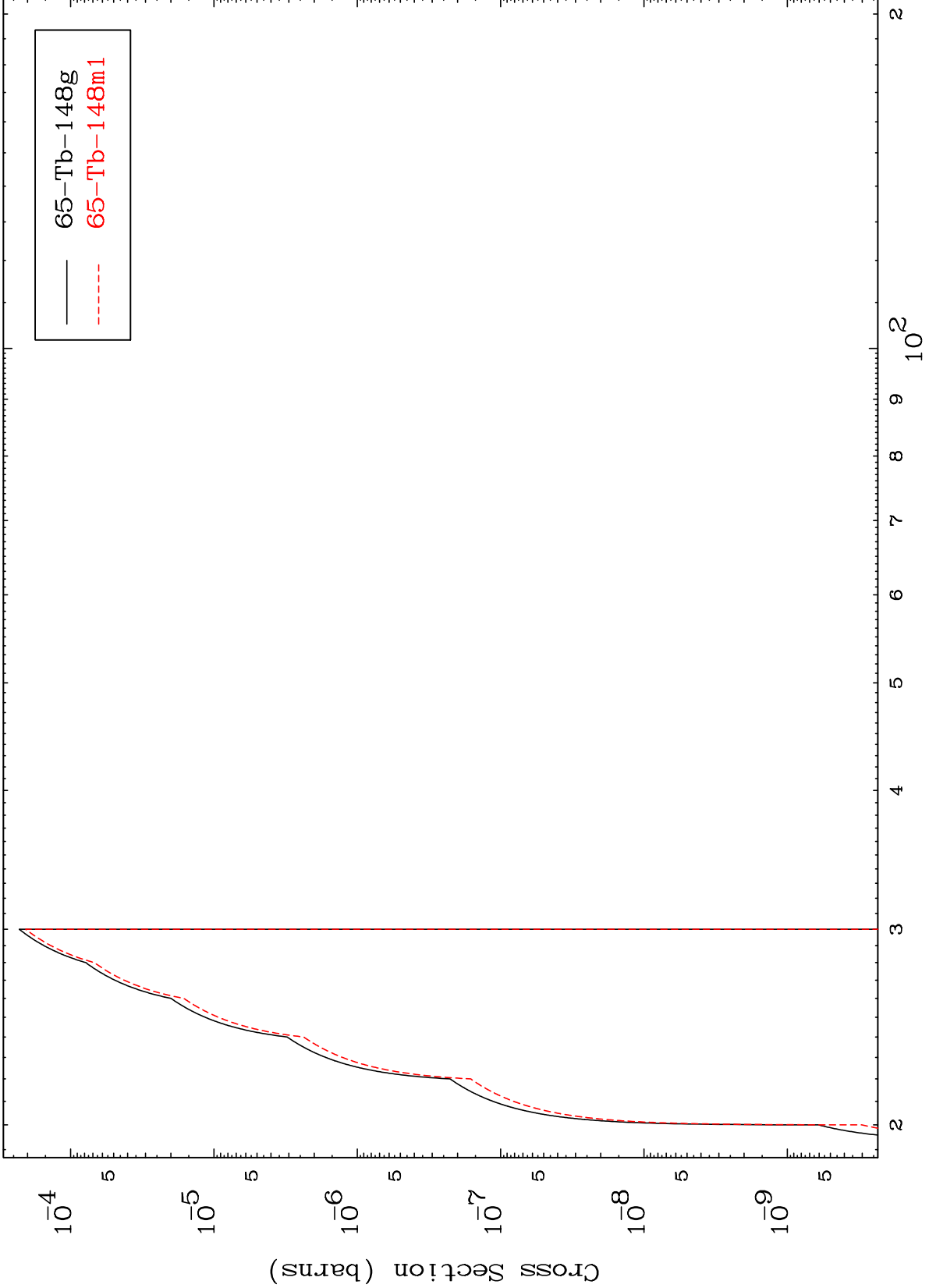


MAT 6416

(n,2n) d

64-Gd-149

Radionuclide Production Cross Section

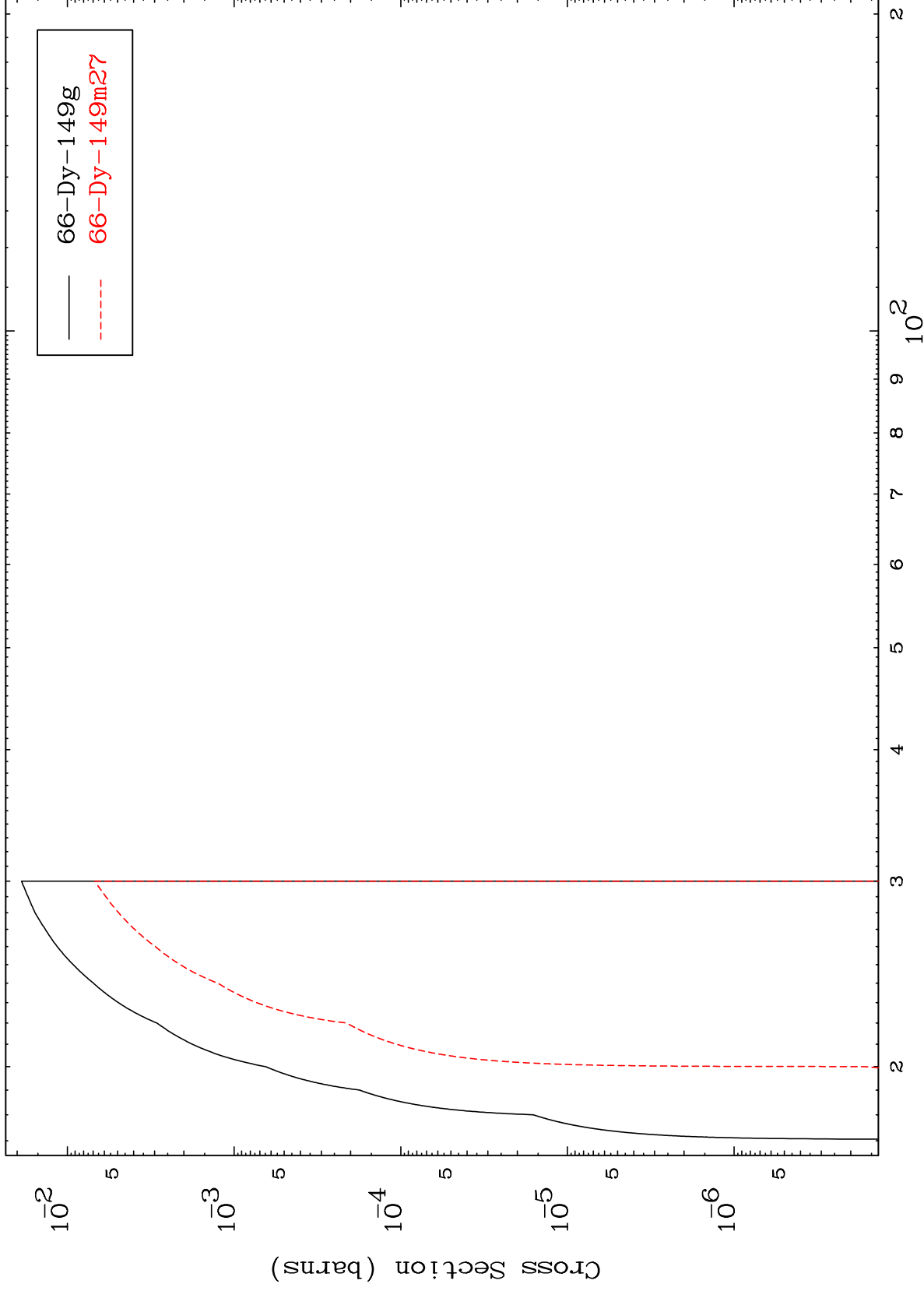


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Incident Energy (MeV)

64-Gd-149

Radionuclide Production Cross Section



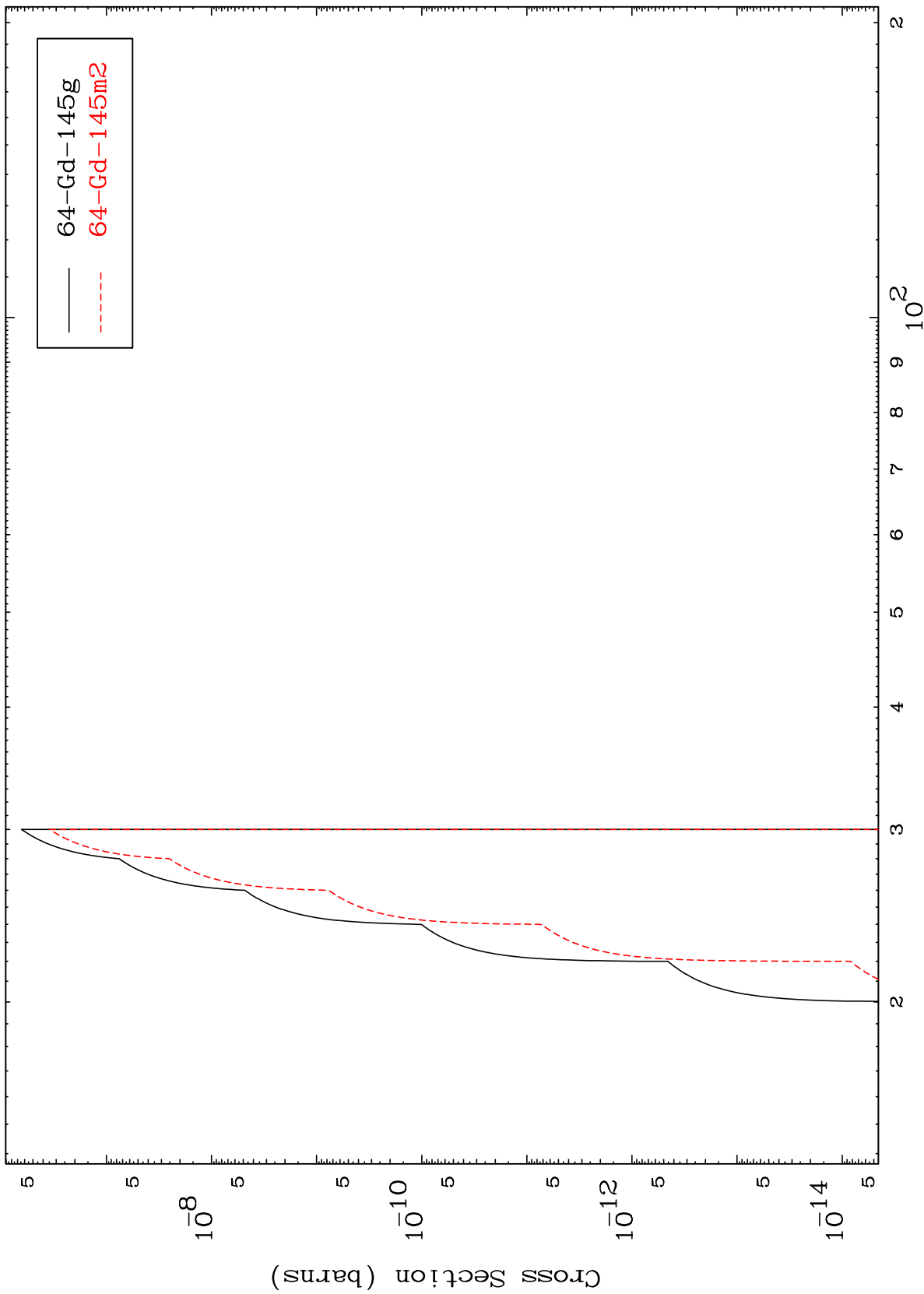
66-Dy-149g  
66-Dy-149m27

MAT 6416

(n,3n)  $\alpha$

64-Gd-149

Radionuclide Production Cross Section



14

Incident Energy (MeV)

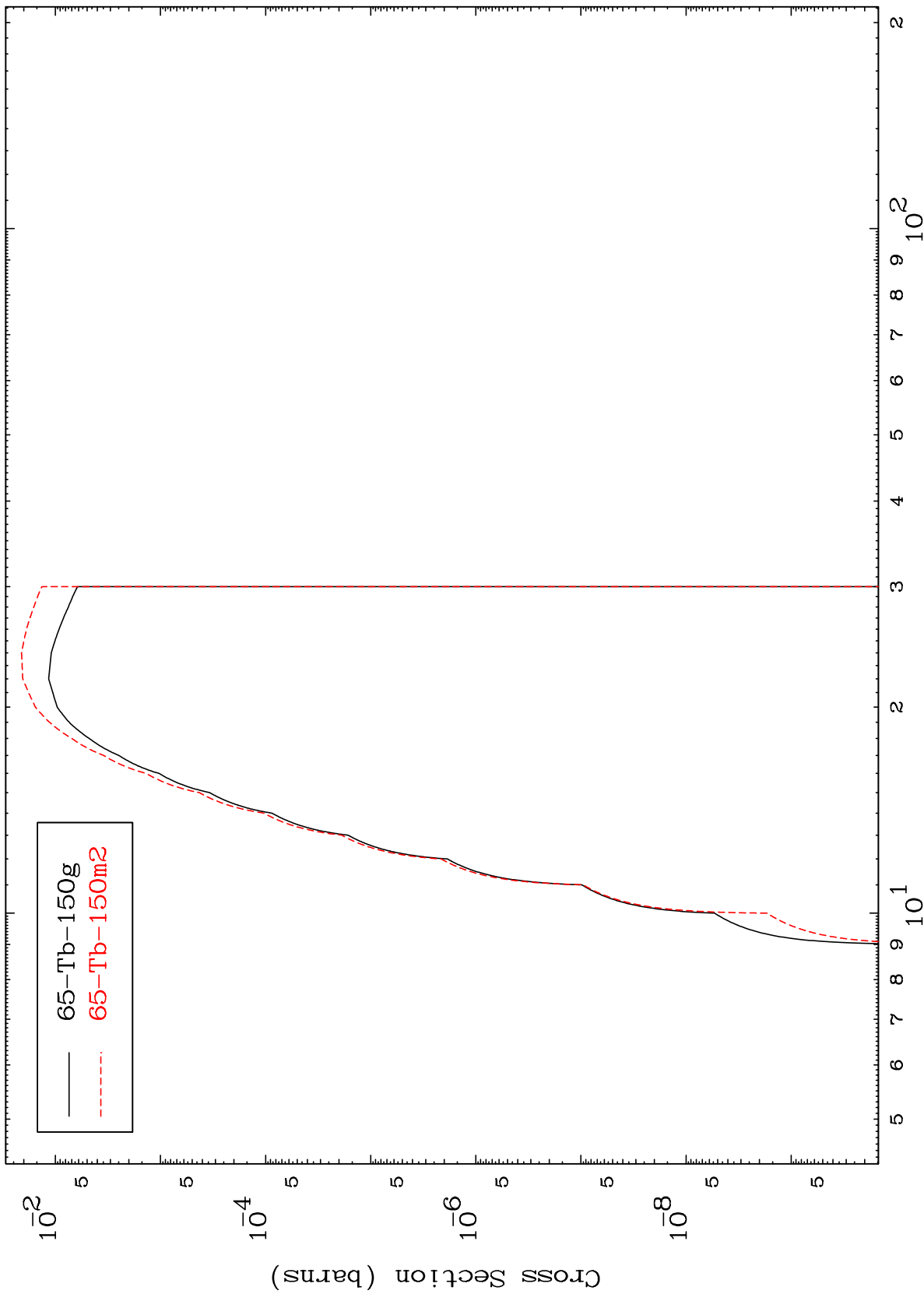
64-Gd-149

MAT 6416

(n,n') p

64-Gd-149

Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-149

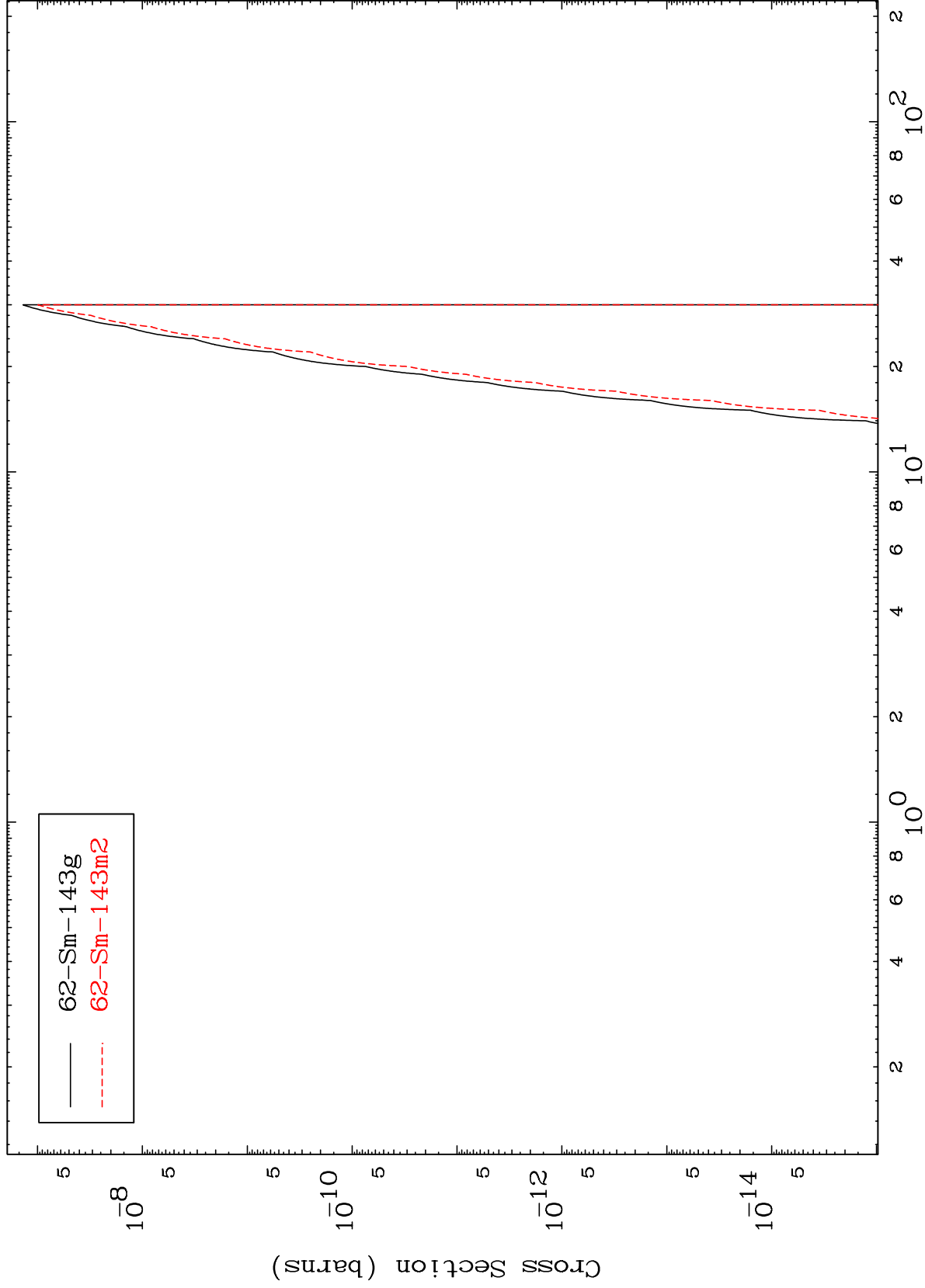


MAT 6416

(n,n') 2α

64-Gd-149

Radionuclide Production Cross Section



16

Incident Energy (MeV)

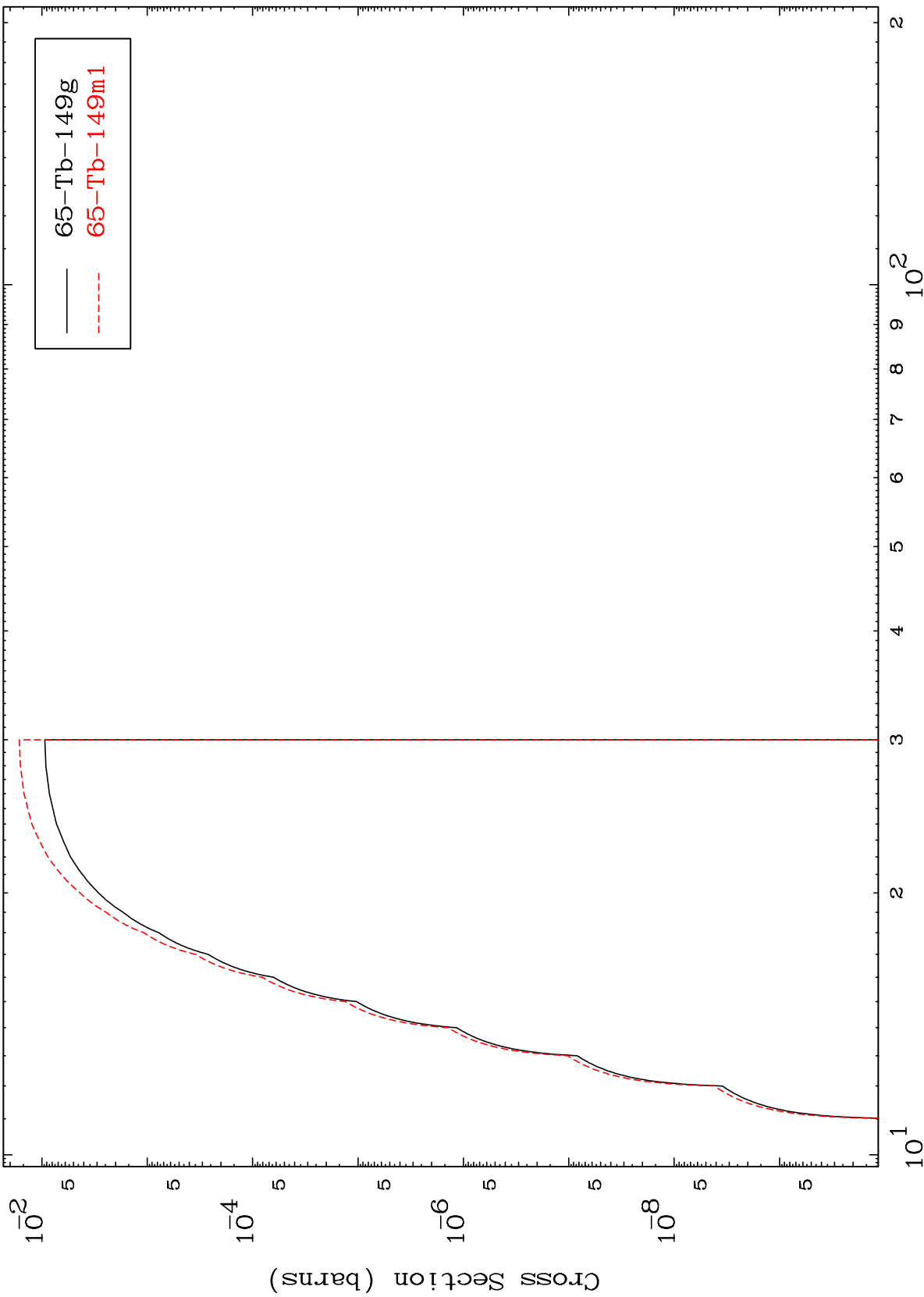
64-Gd-149

MAT 6416

(n,n') d

64-Gd-149

Radionuclide Production Cross Section



10<sup>1</sup>

Incident Energy (MeV)

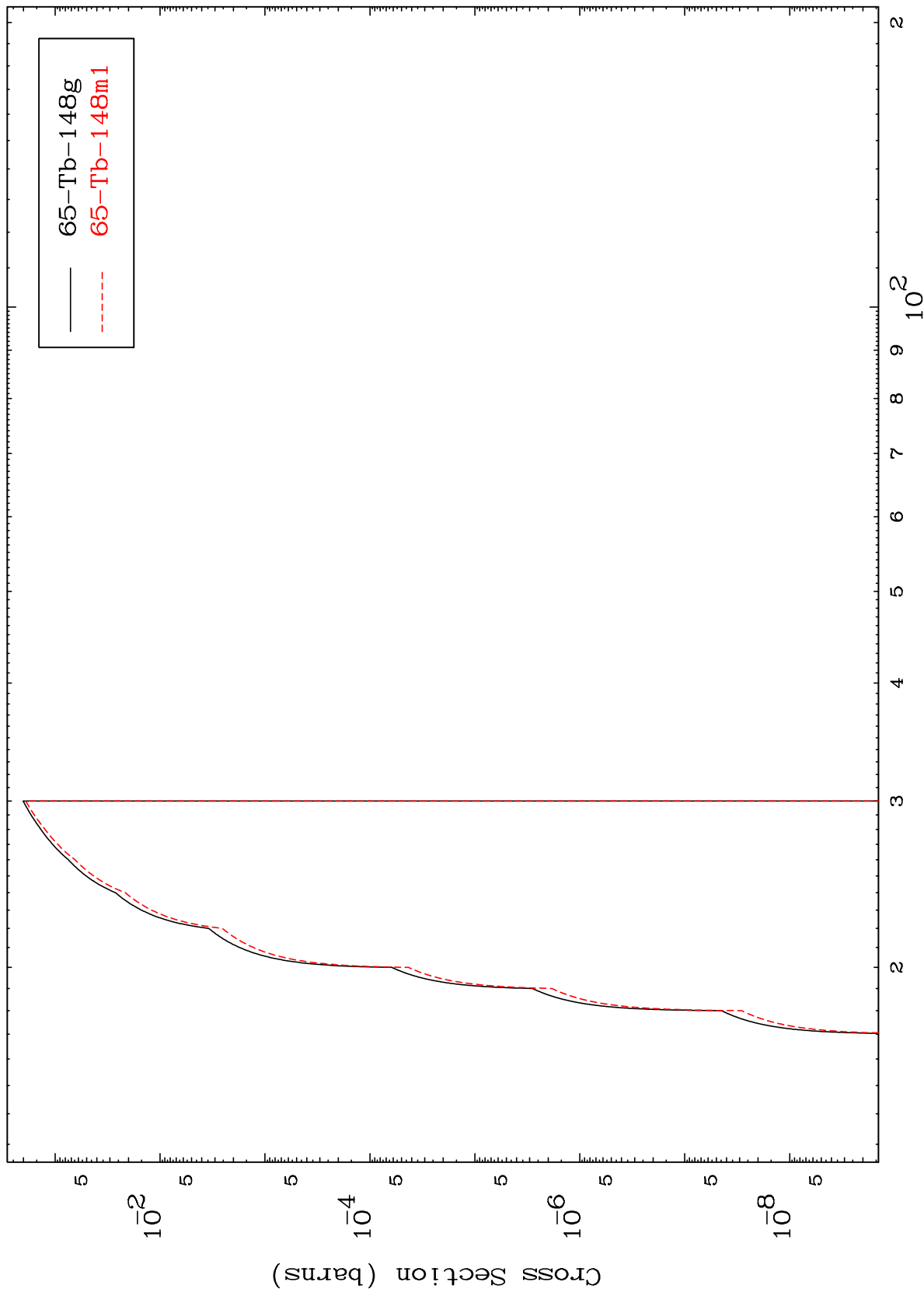
64-Gd-149

MAT 6416

(n,n') t

64-Gd-149

Radionuclide Production Cross Section



18

Incident Energy (MeV)

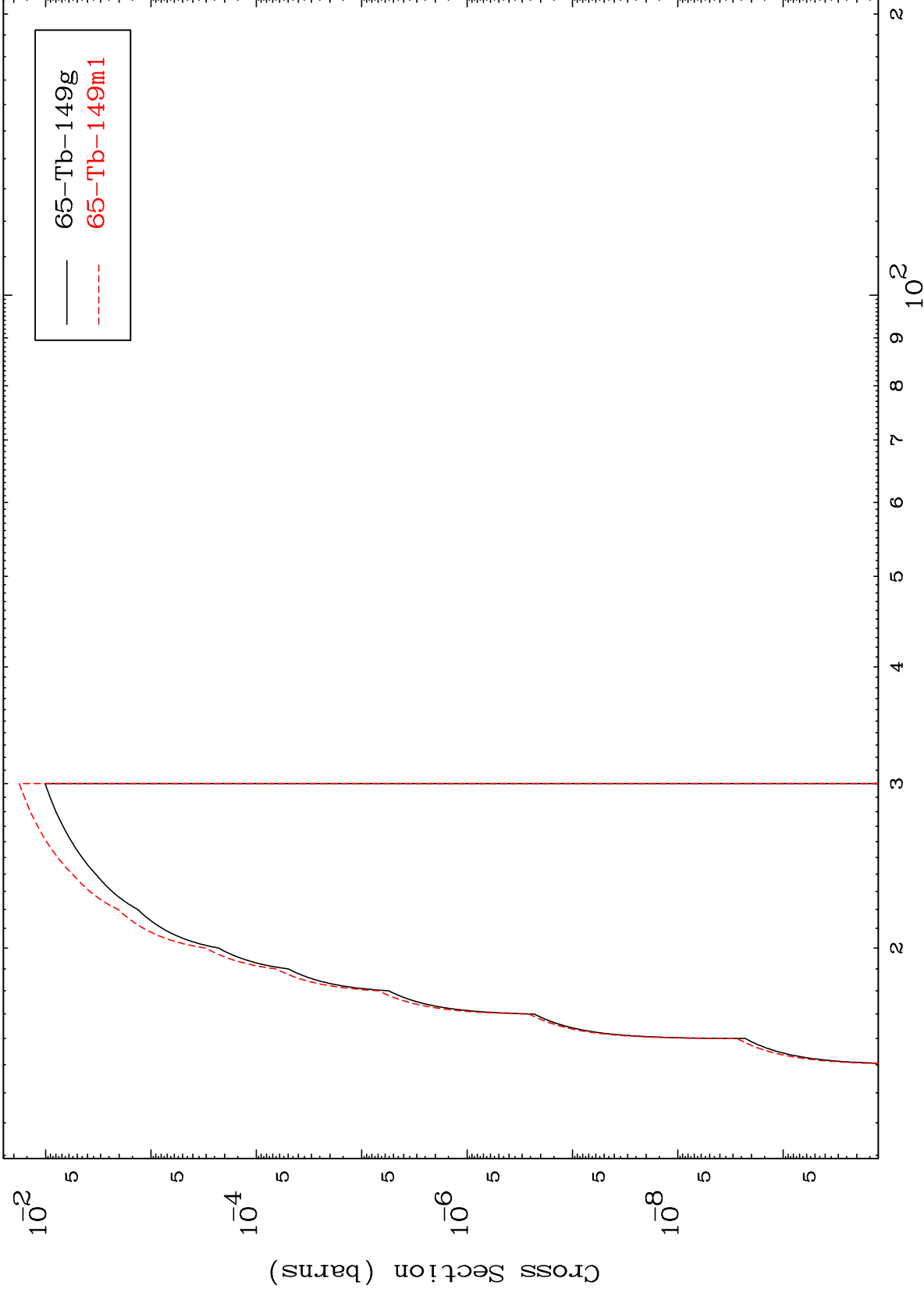
64-Gd-149

MAT 6416

(n,2n) p

64-Gd-149

Radionuclide Production Cross Section

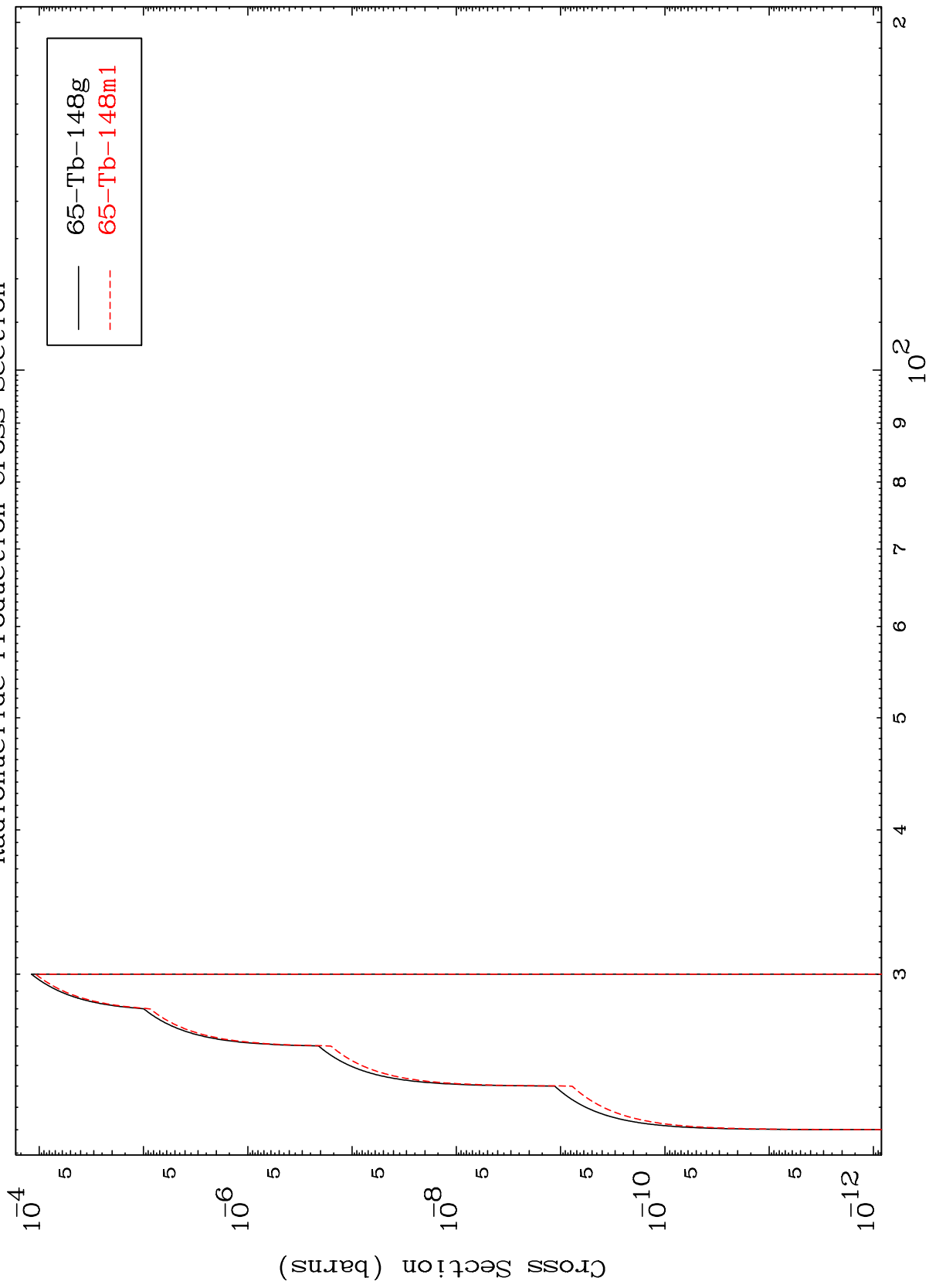


MAT 6416

(n,3n) p

64-Gd-149

Radionuclide Production Cross Section



20

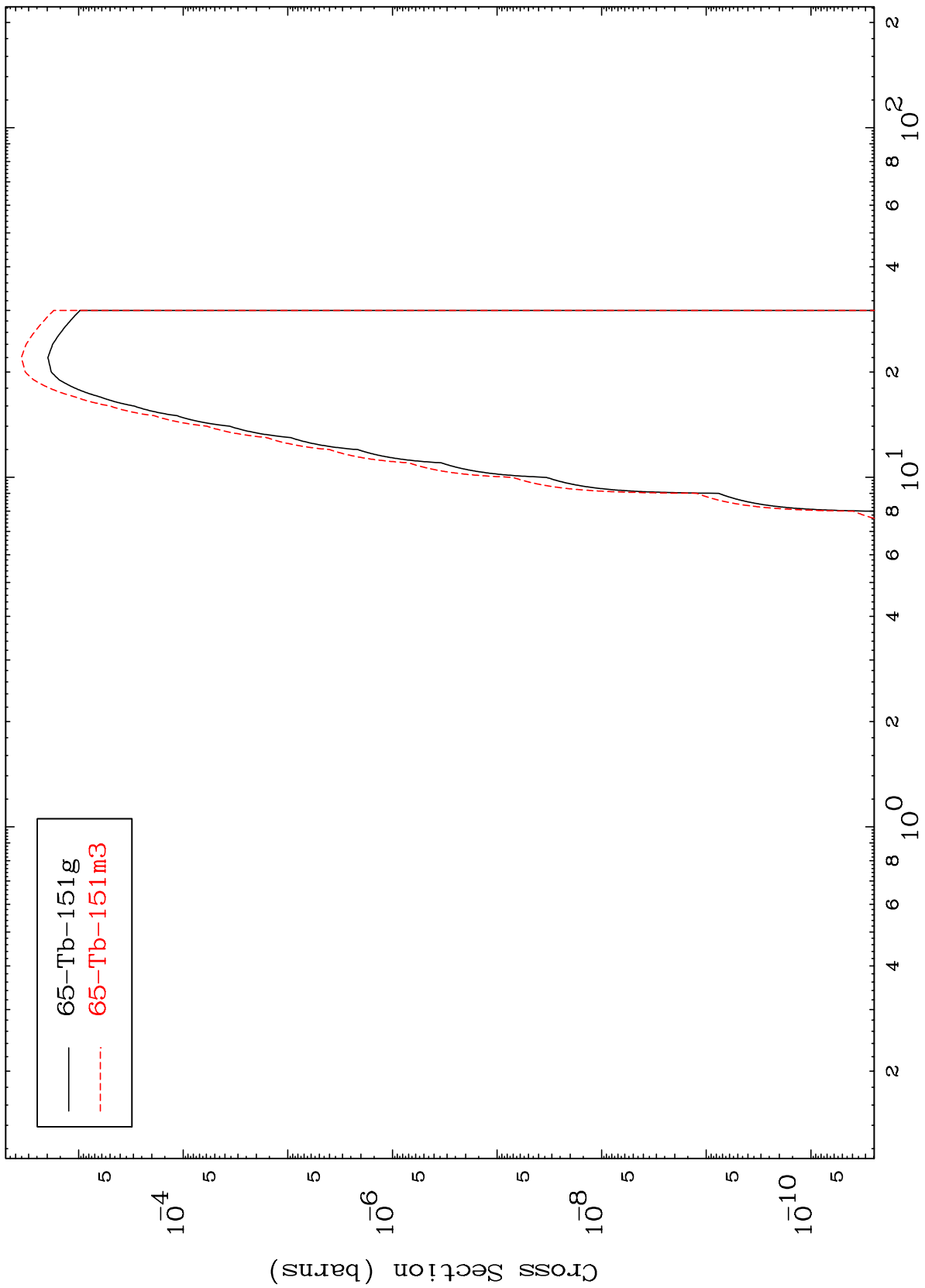
Incident Energy (MeV)

64-Gd-149

MAT 6416

64-Gd-149

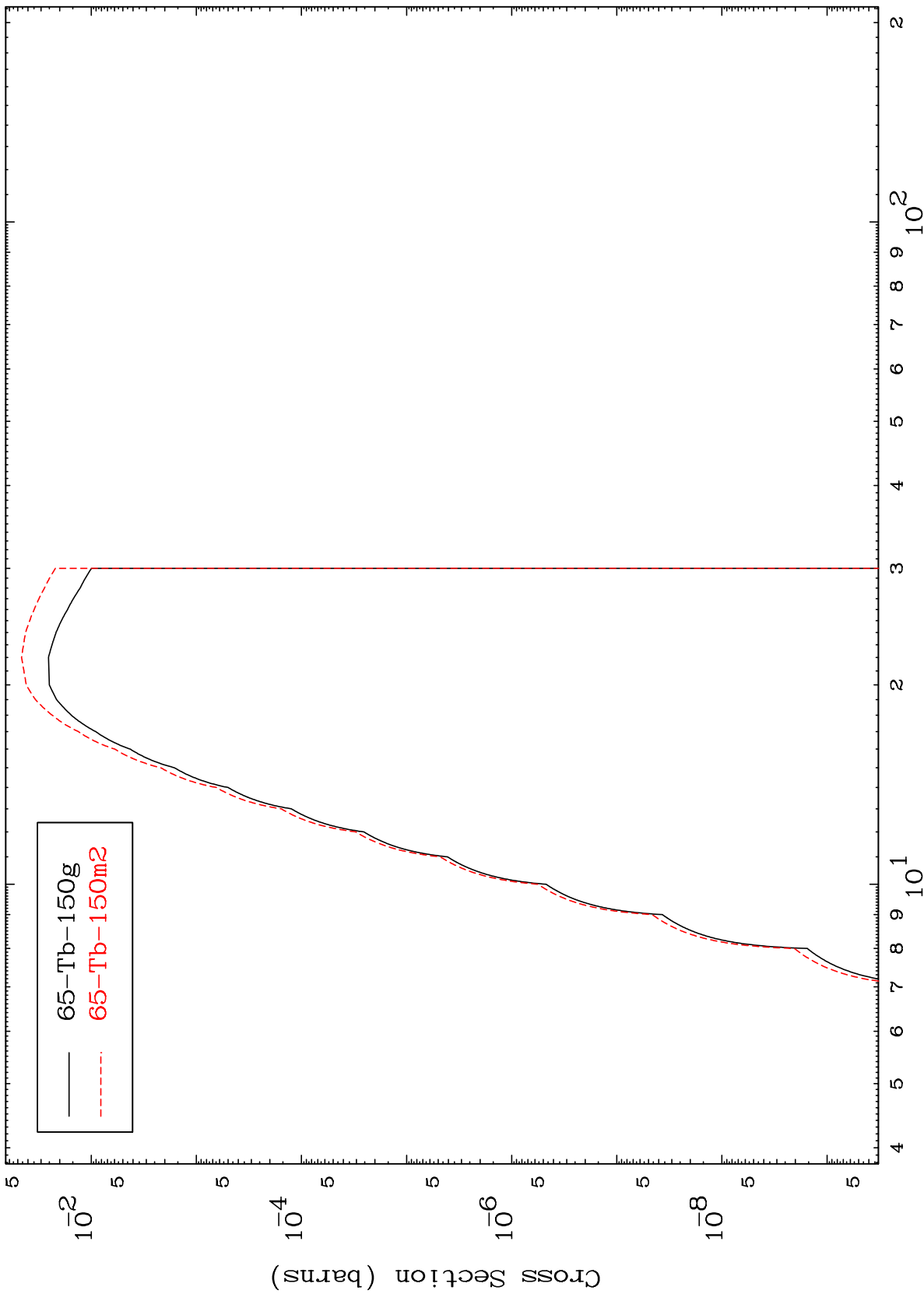
(n,p)  
Radionuclide Production Cross Section



MAT 6416

64-Gd-149

(n,d)  
Radionuclide Production Cross Section



65-Tb-150g  
65-Tb-150m2

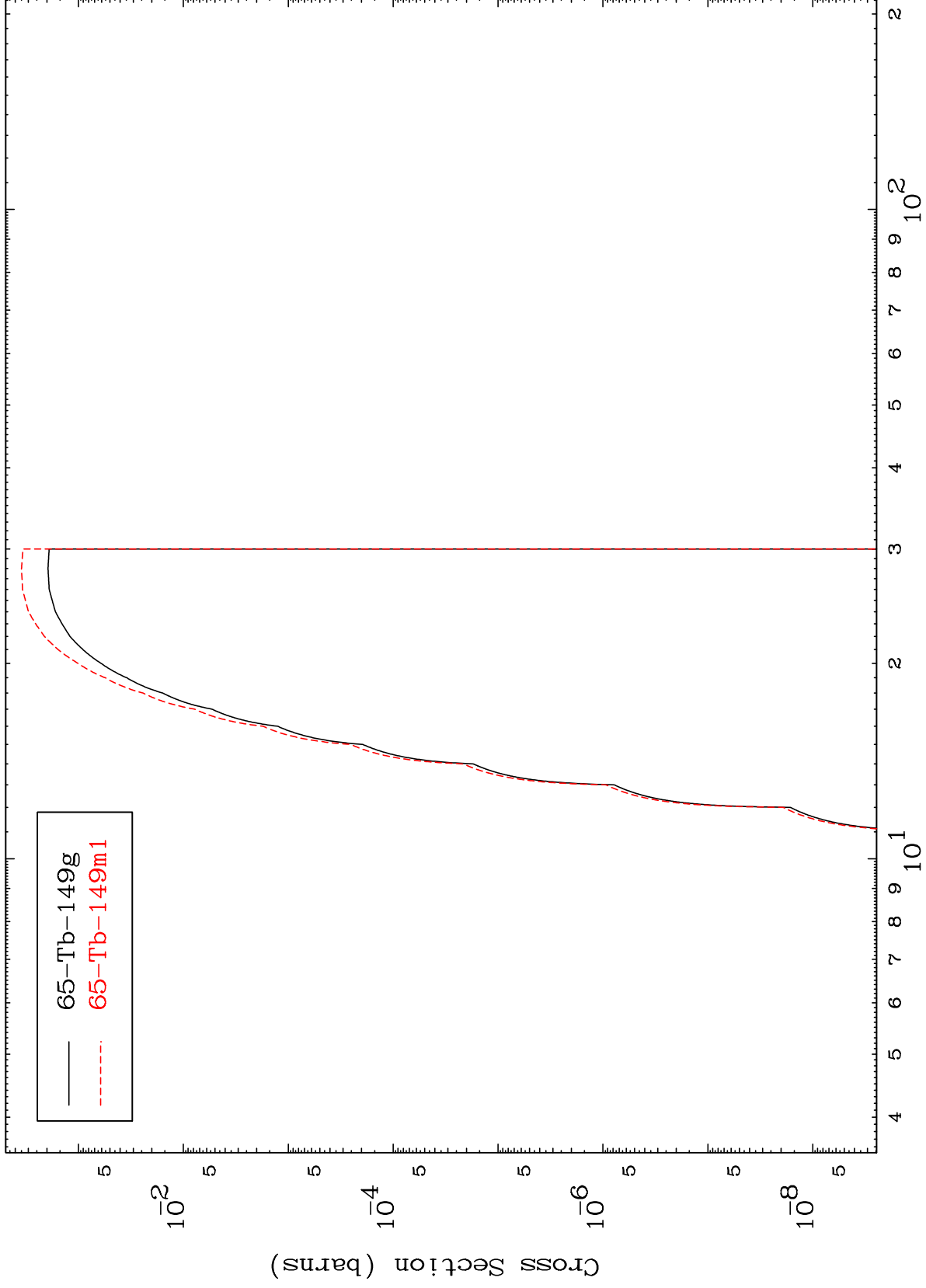
22

64-Gd-149

MAT 6416

64-Gd-149

(n, t)  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

64-Gd-149