

Program EVALPLOT  
(Version 2021-1)

by

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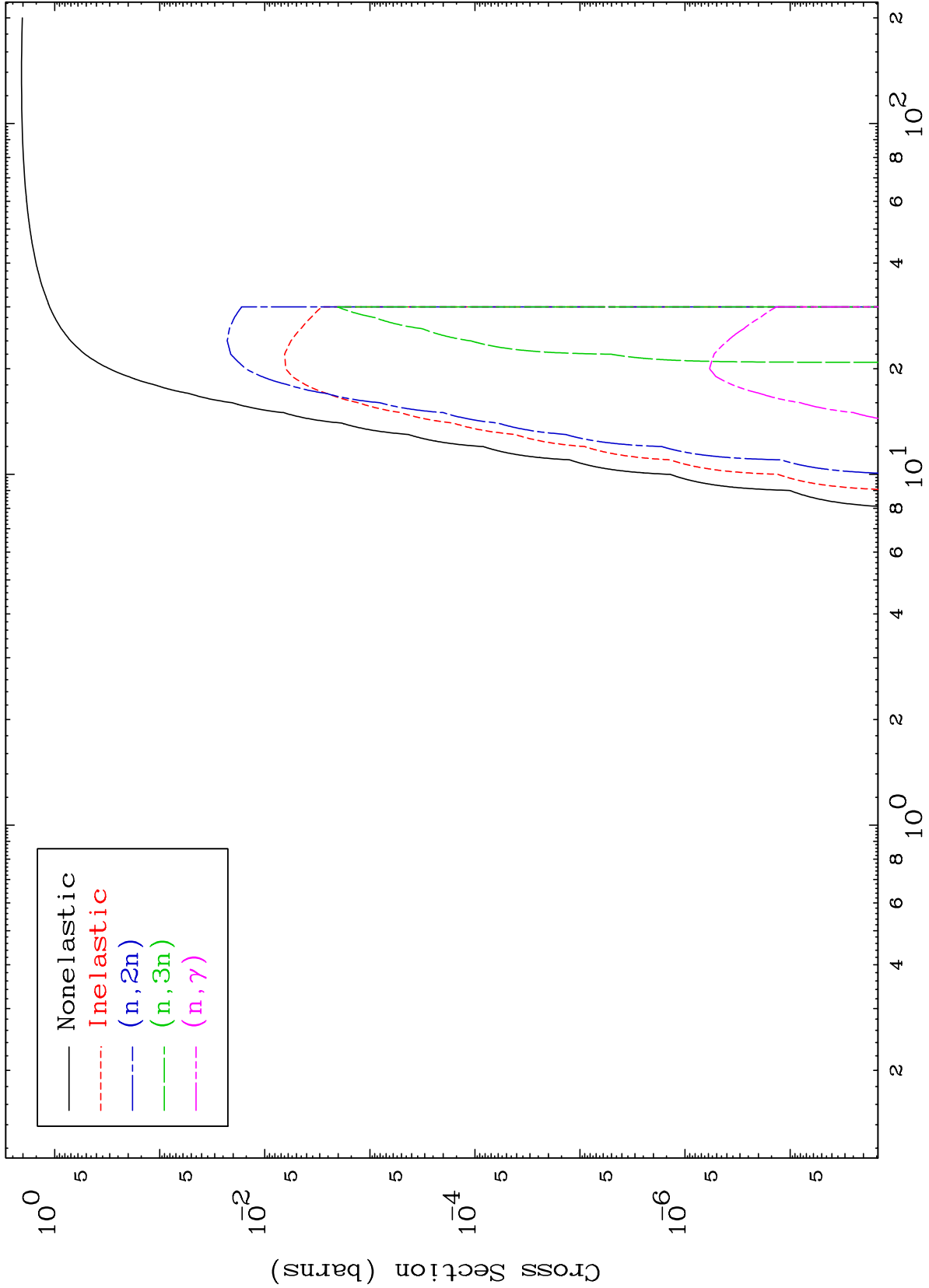
Press Mouse Button to Start

MAT 6410

He-3 Major

64-Gd-147

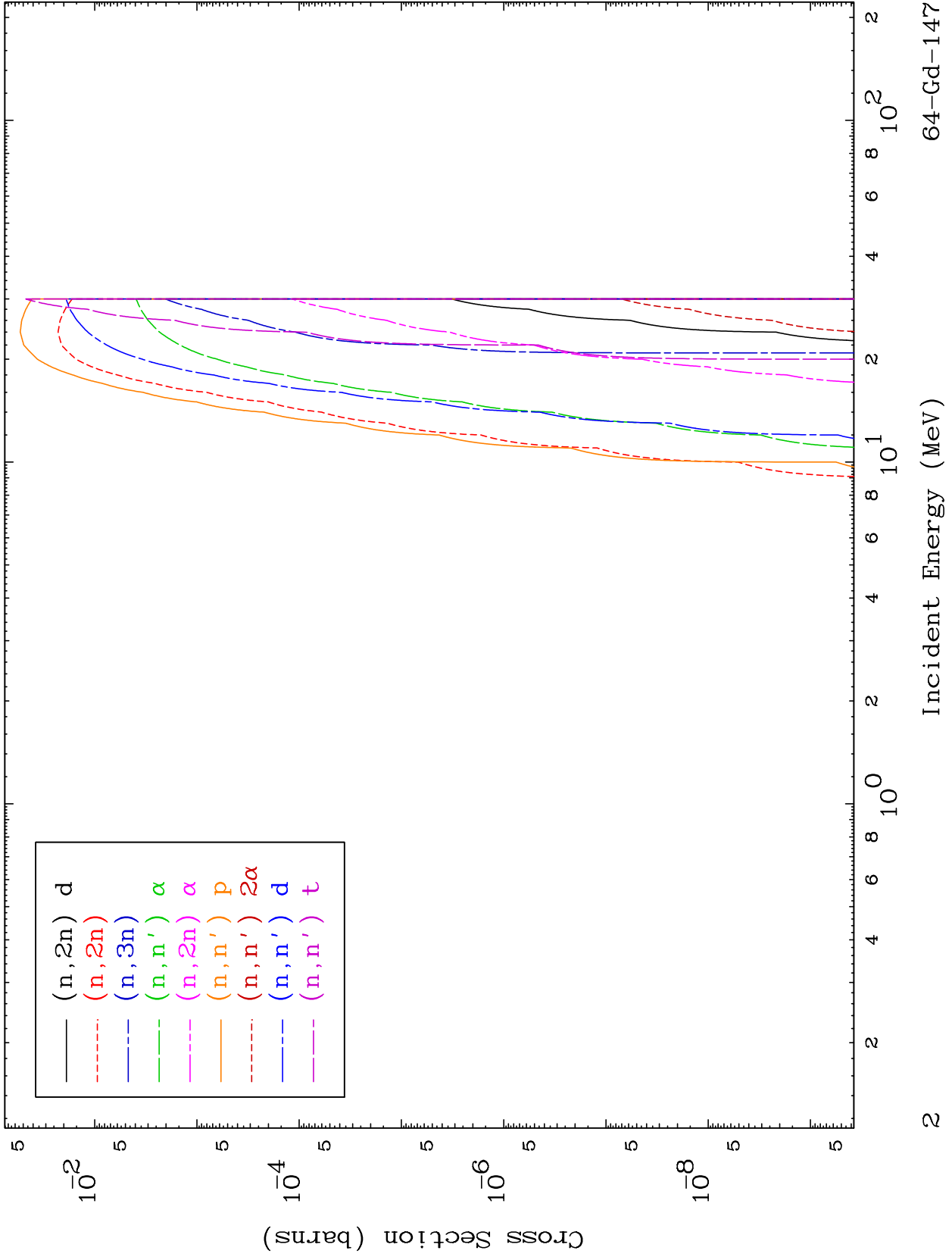
0 Kelvin Cross Sections



MAT 6410

He-3 Neutron Absorption  
0 Kelvin Cross Sections

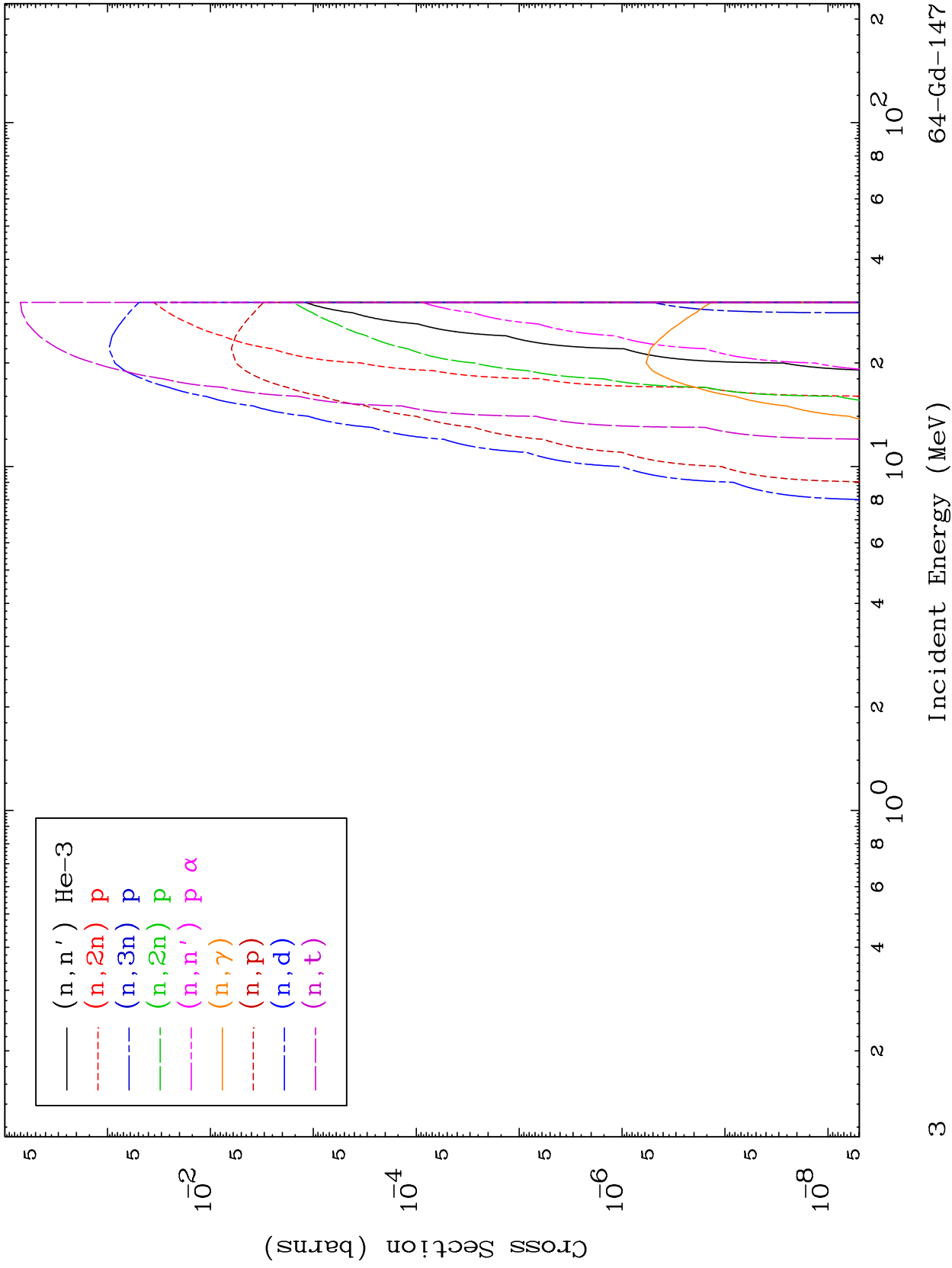
64-Gd-147



MAT 6410

He-3 Neutron Absorption  
0 Kelvin Cross Sections

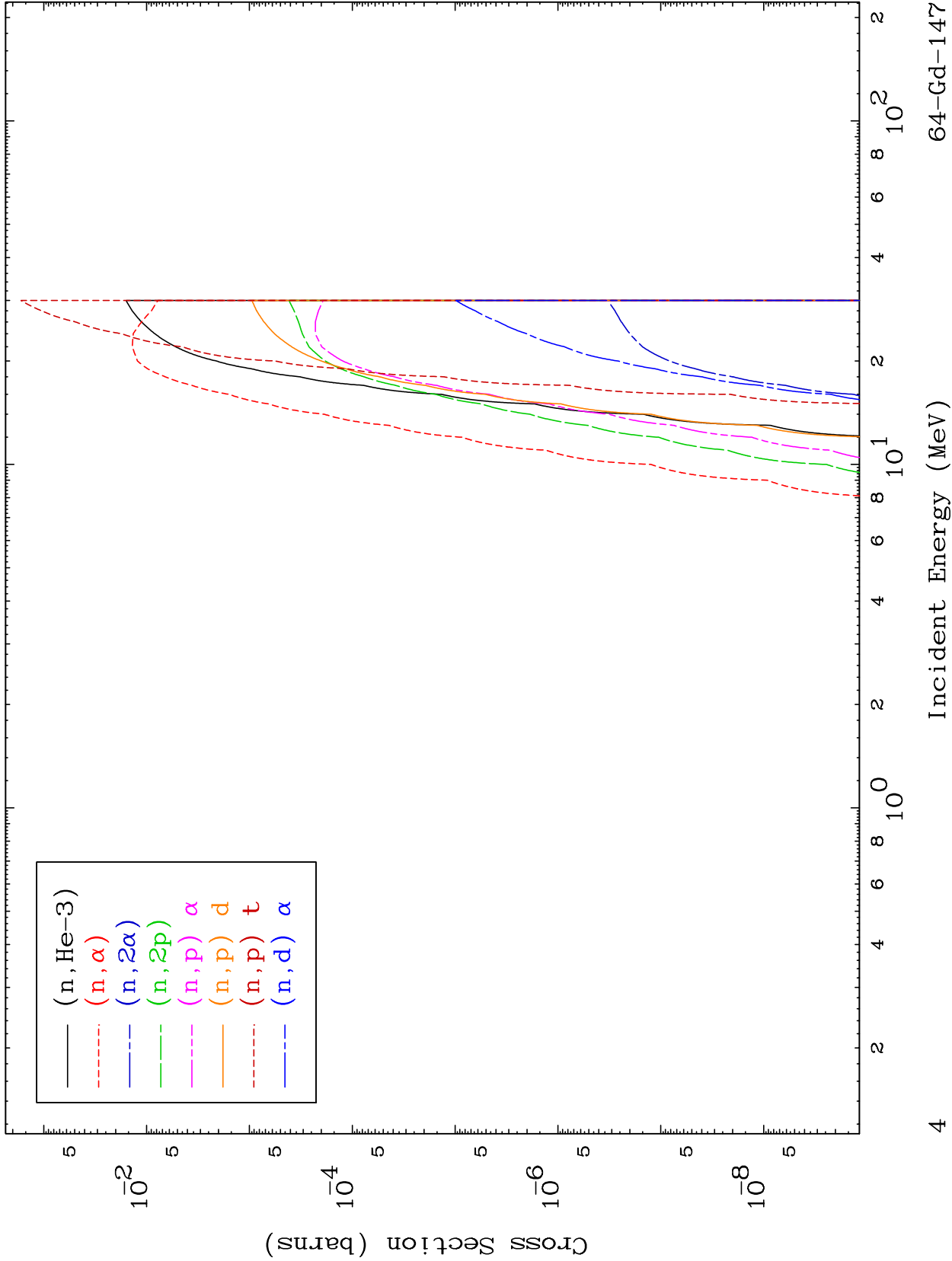
64-Gd-147



MAT 6410

He-3 Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-147



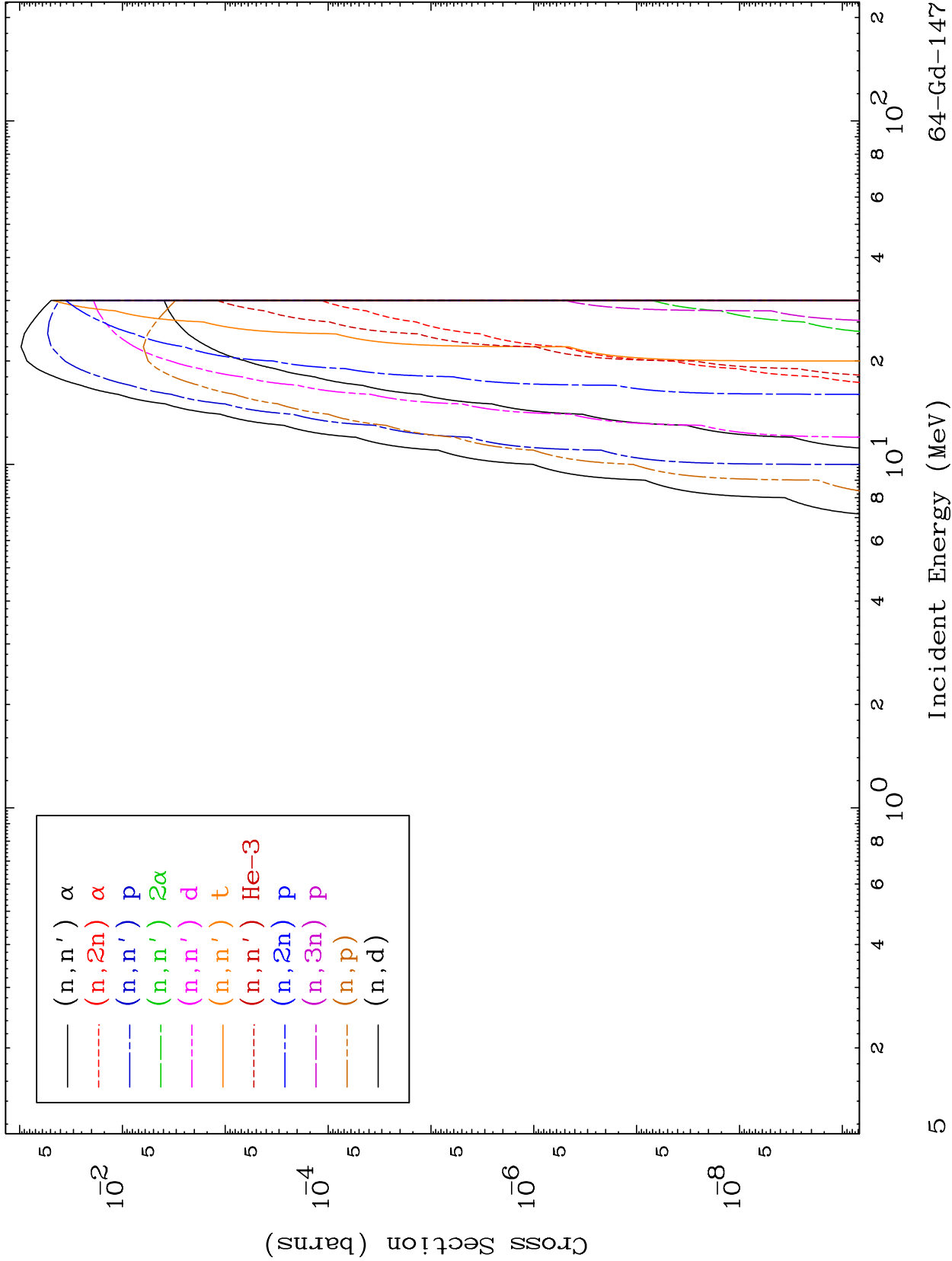
64-Gd-147

Incident Energy (MeV)

MAT 6410

He-3 Charged Particle  
0 Kelvin Cross Sections

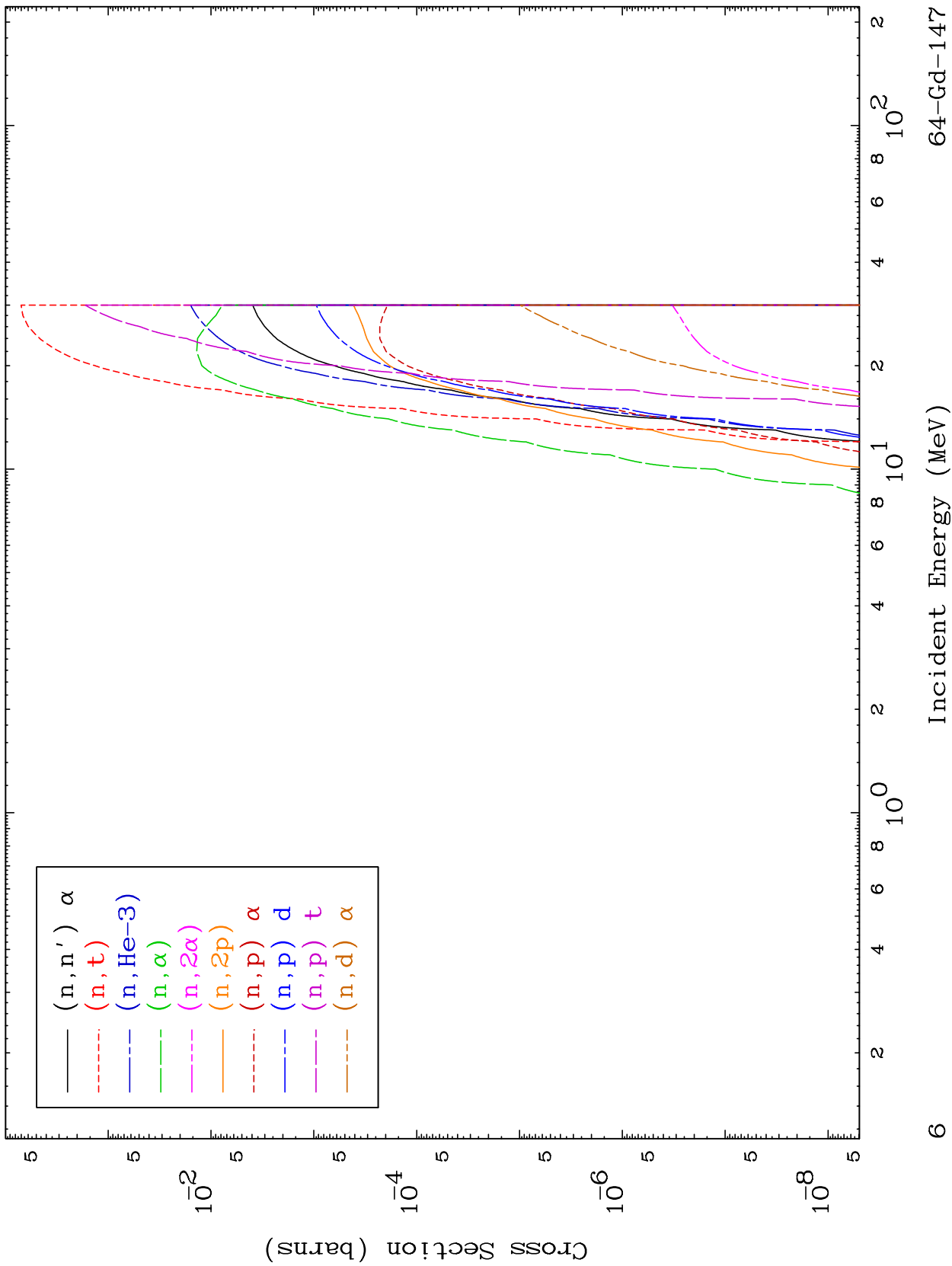
64-Gd-147



MAT 6410

He-3 Charged Particle  
0 Kelvin Cross Sections

64-Gd-147



6

Incident Energy (MeV)

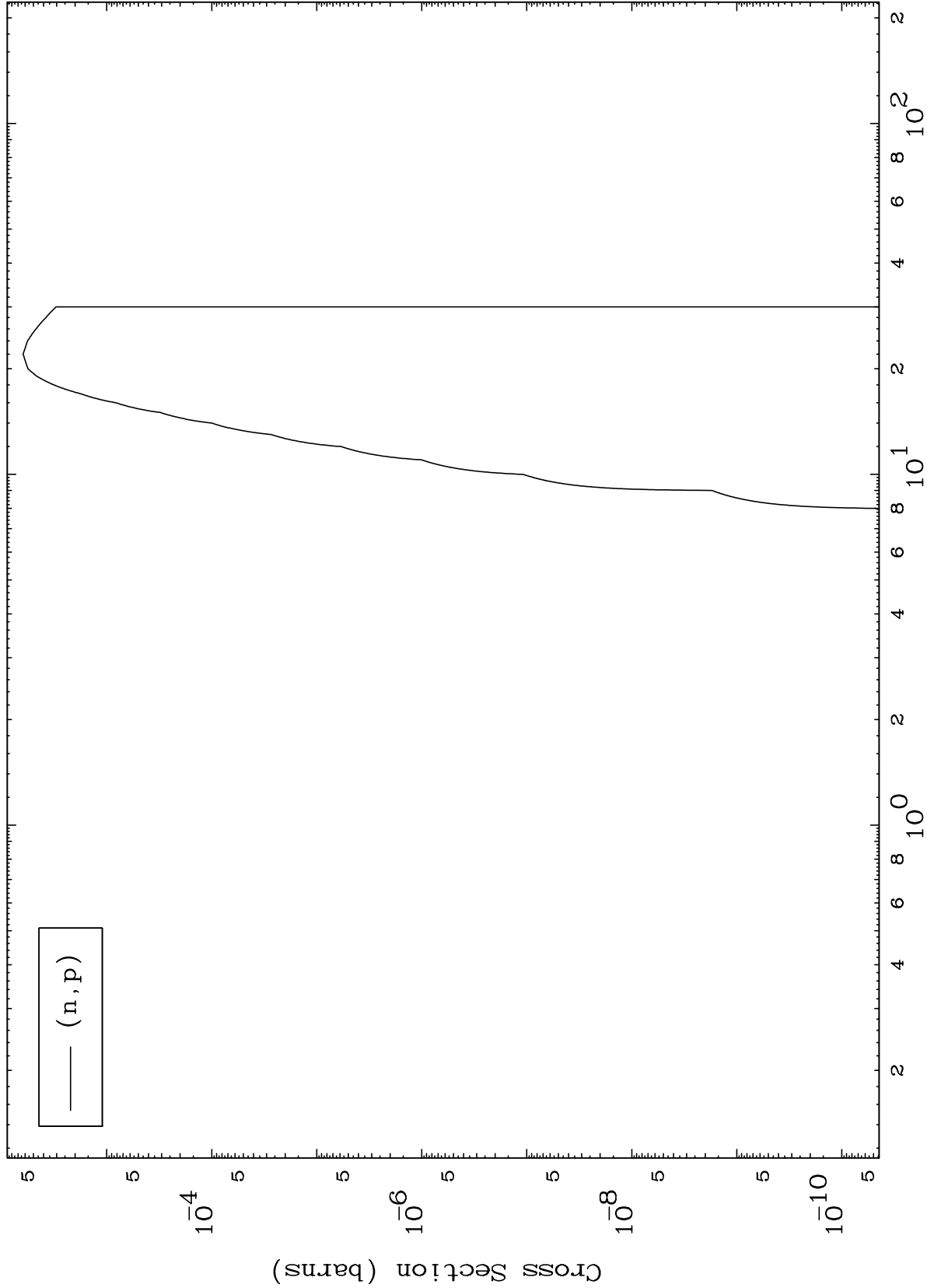
64-Gd-147

MAT 6410

(He-3,p) Levels

64-Gd-147

0 Kelvin Cross Sections

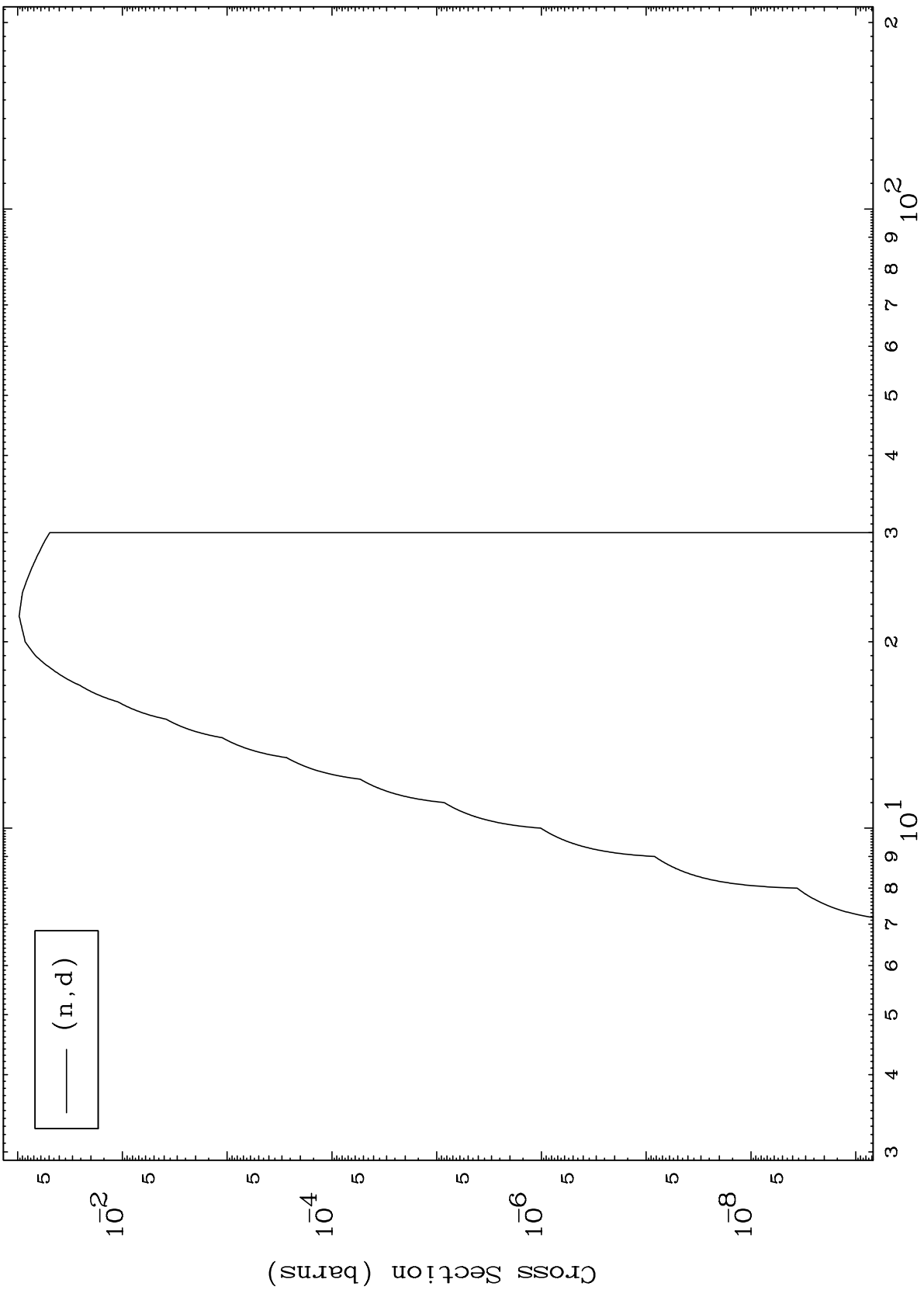


MAT 6410

(He-3,d) Levels

64-Gd-147

0 Kelvin Cross Sections



8

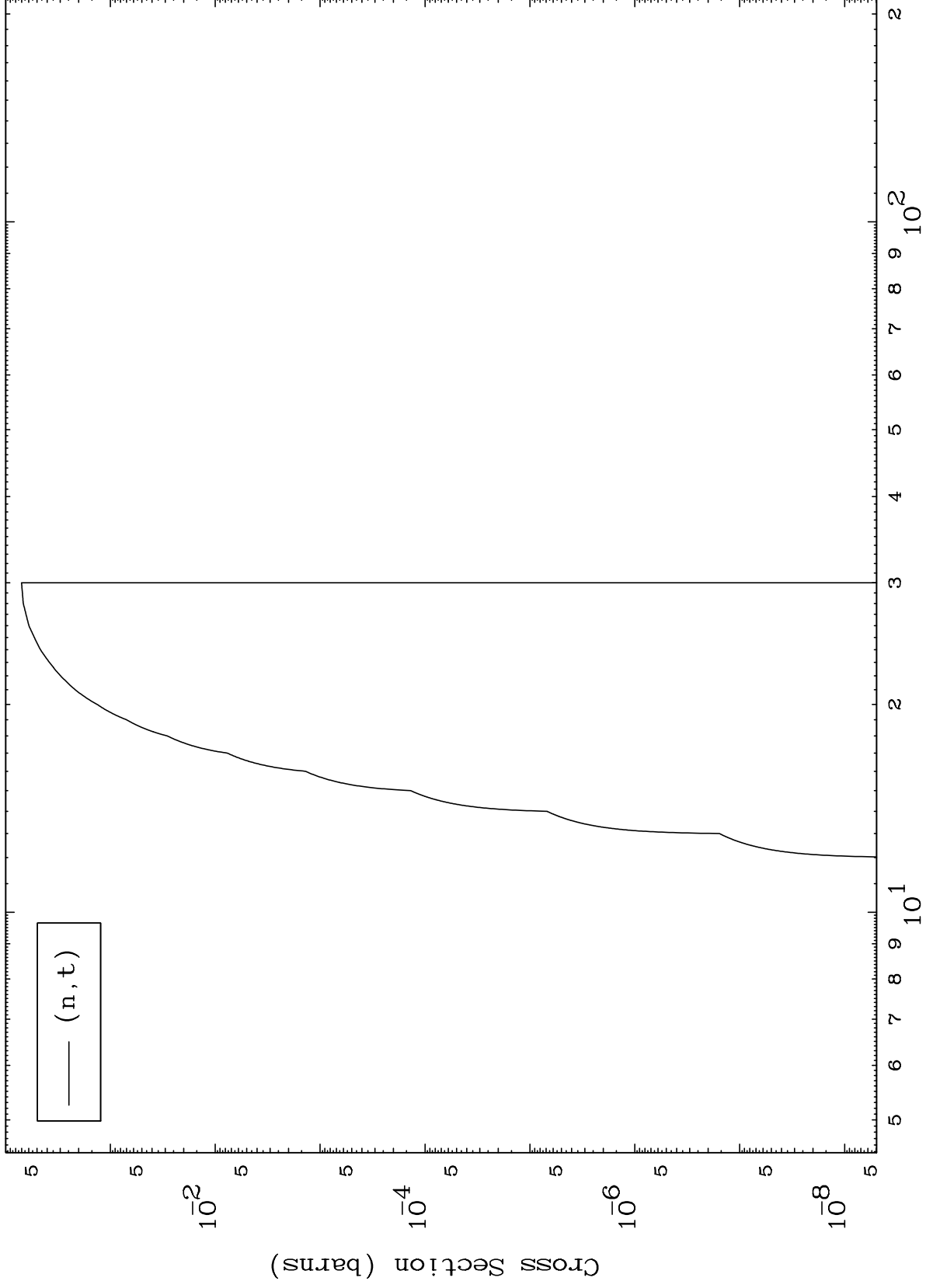
Incident Energy (MeV)

64-Gd-147

MAT 6410

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

64-Gd-147



9

Incident Energy (MeV)

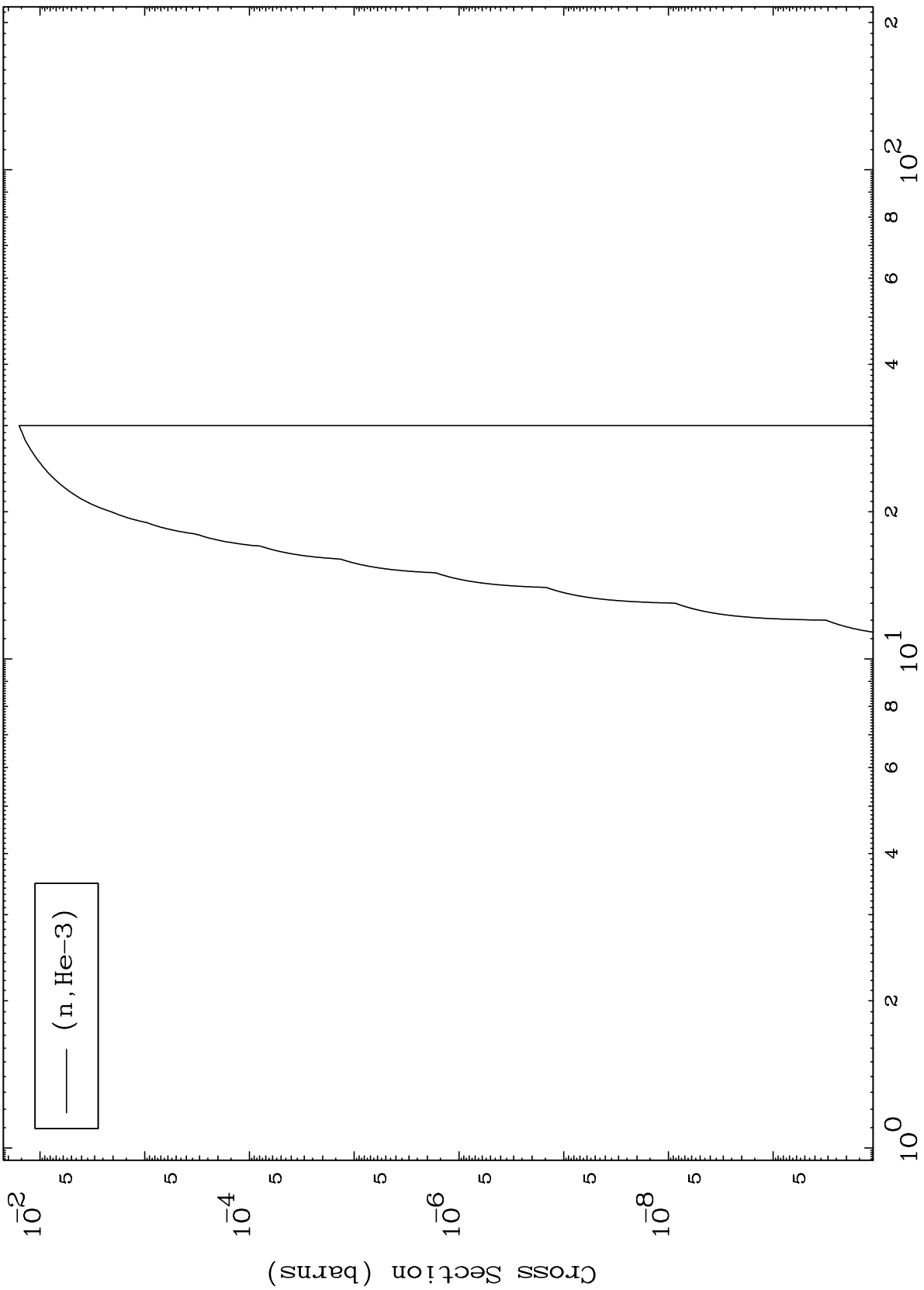
64-Gd-147

MAT 6410

(He-3, He3) Levels

64-Gd-147

0 Kelvin Cross Sections



(n, He-3)

Incident Energy (MeV)

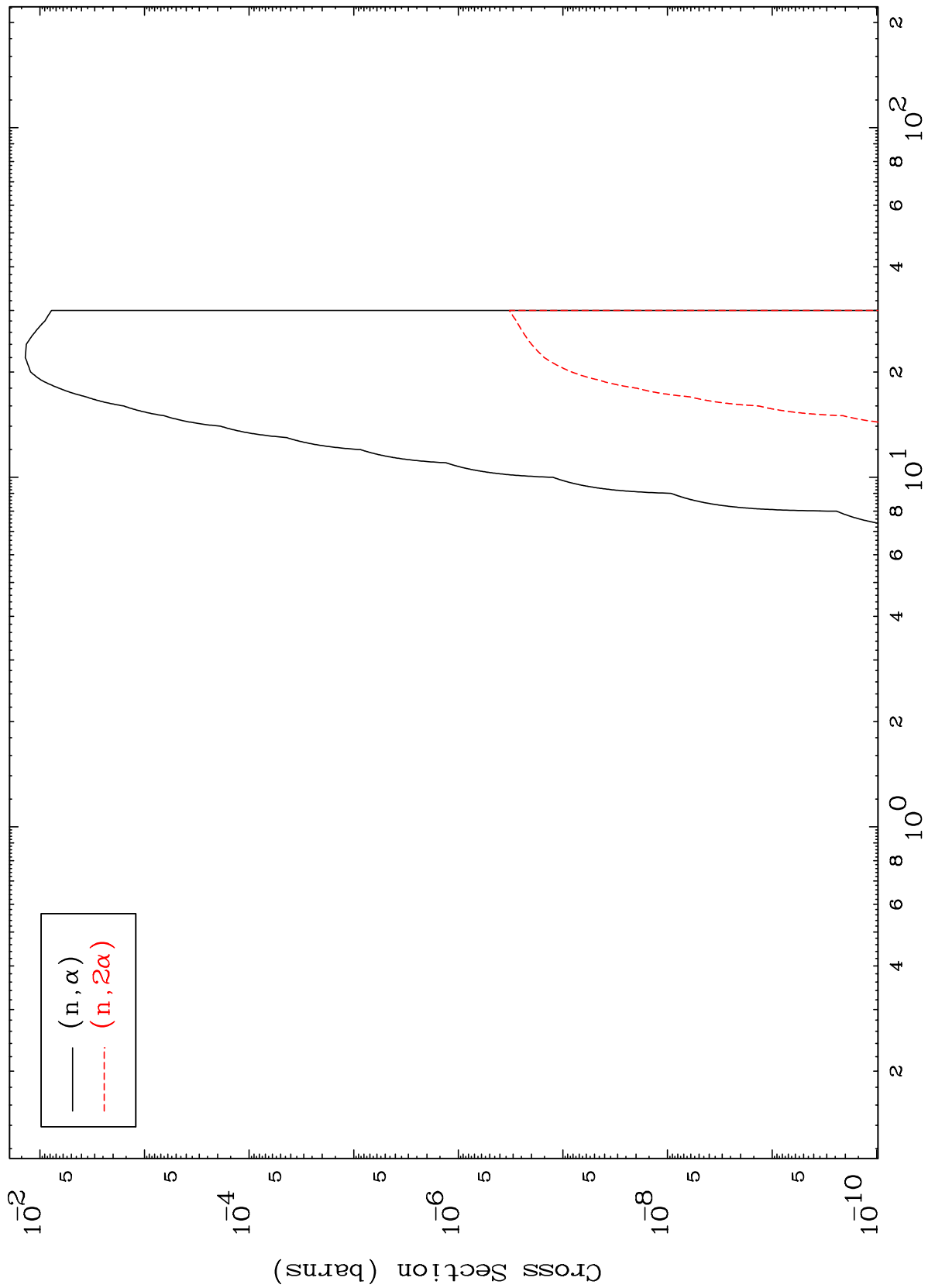
64-Gd-147

MAT 6410

(He-3,  $\alpha$ ) Levels

64-Gd-147

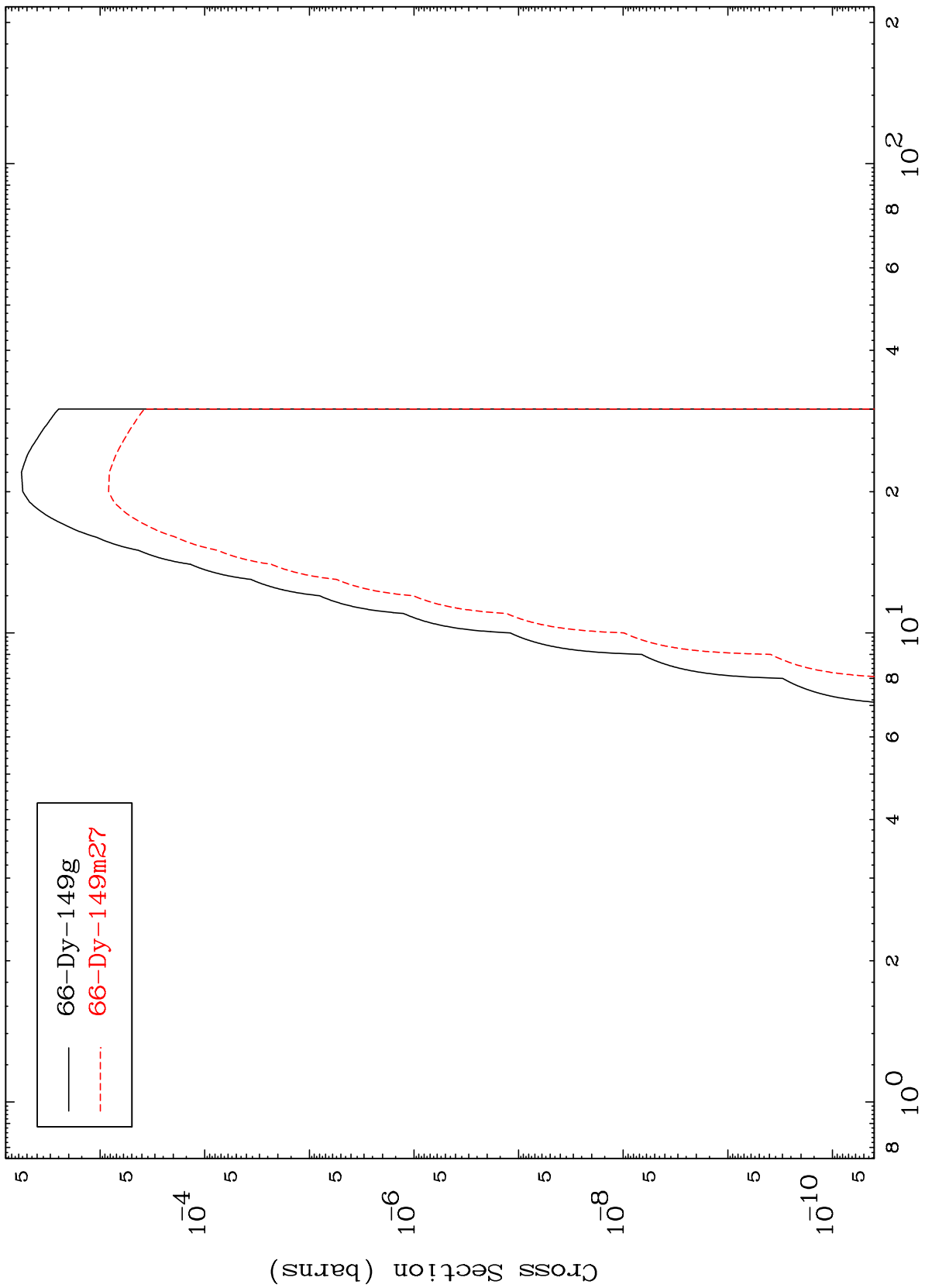
0 Kelvin Cross Sections



MAT 6410

64-Gd-147

Radionuclide Production Cross Section



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

64-Gd-147

Incident Energy (MeV)

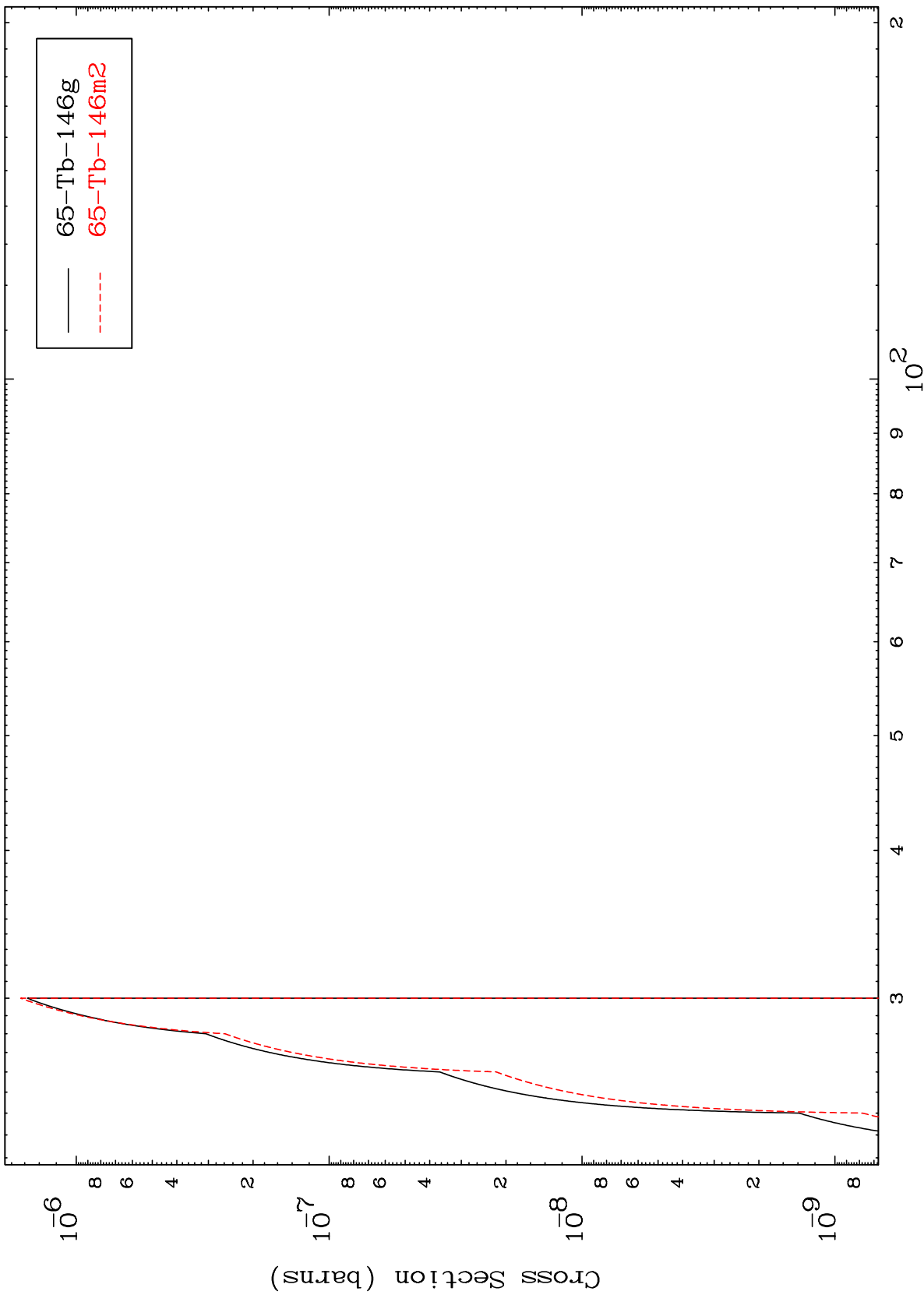
12

MAT 6410

(n,2n) d

64-Gd-147

Radionuclide Production Cross Section



13

Incident Energy (MeV)

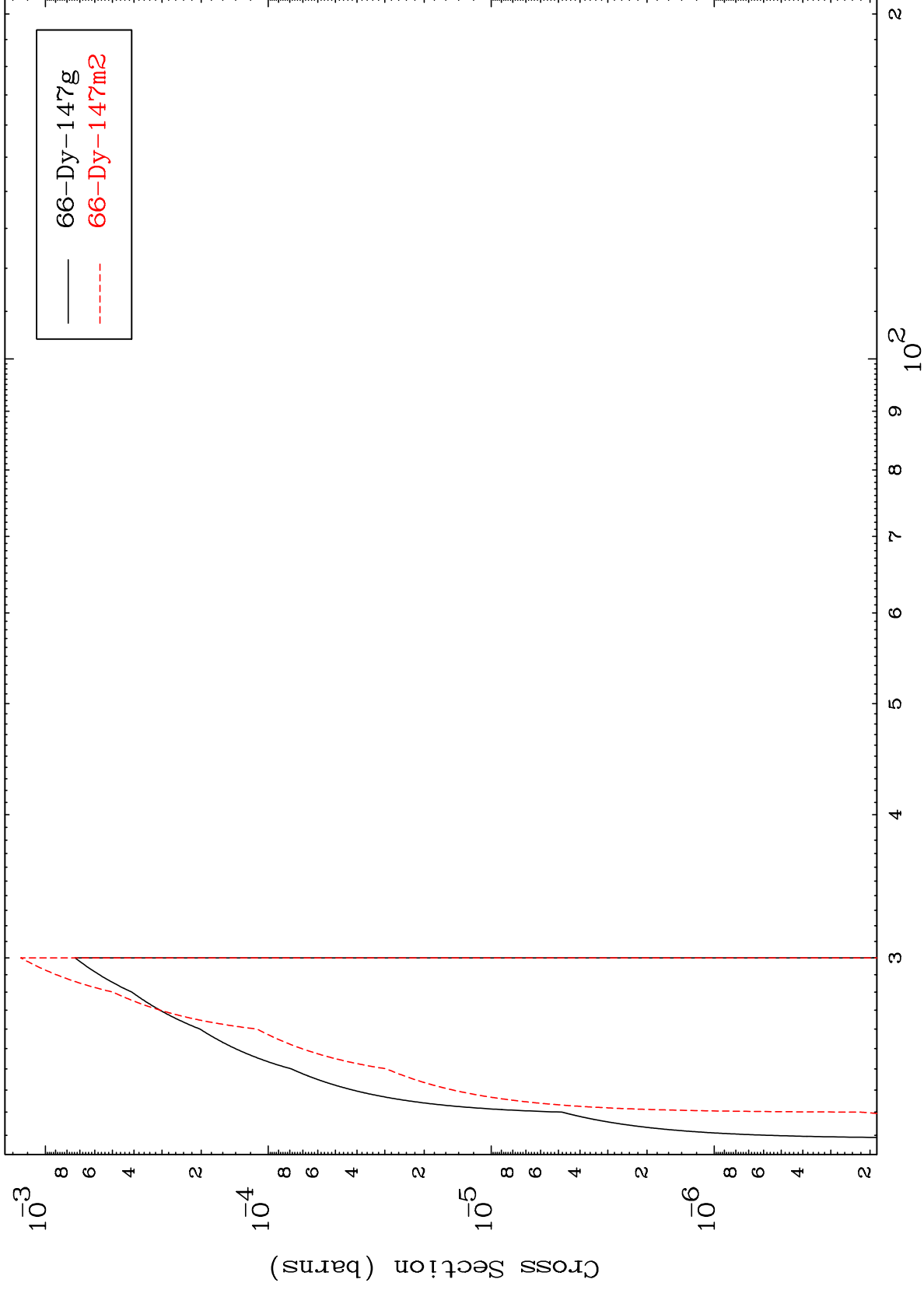
64-Gd-147

MAT 6410

(n,3n)

64-Gd-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

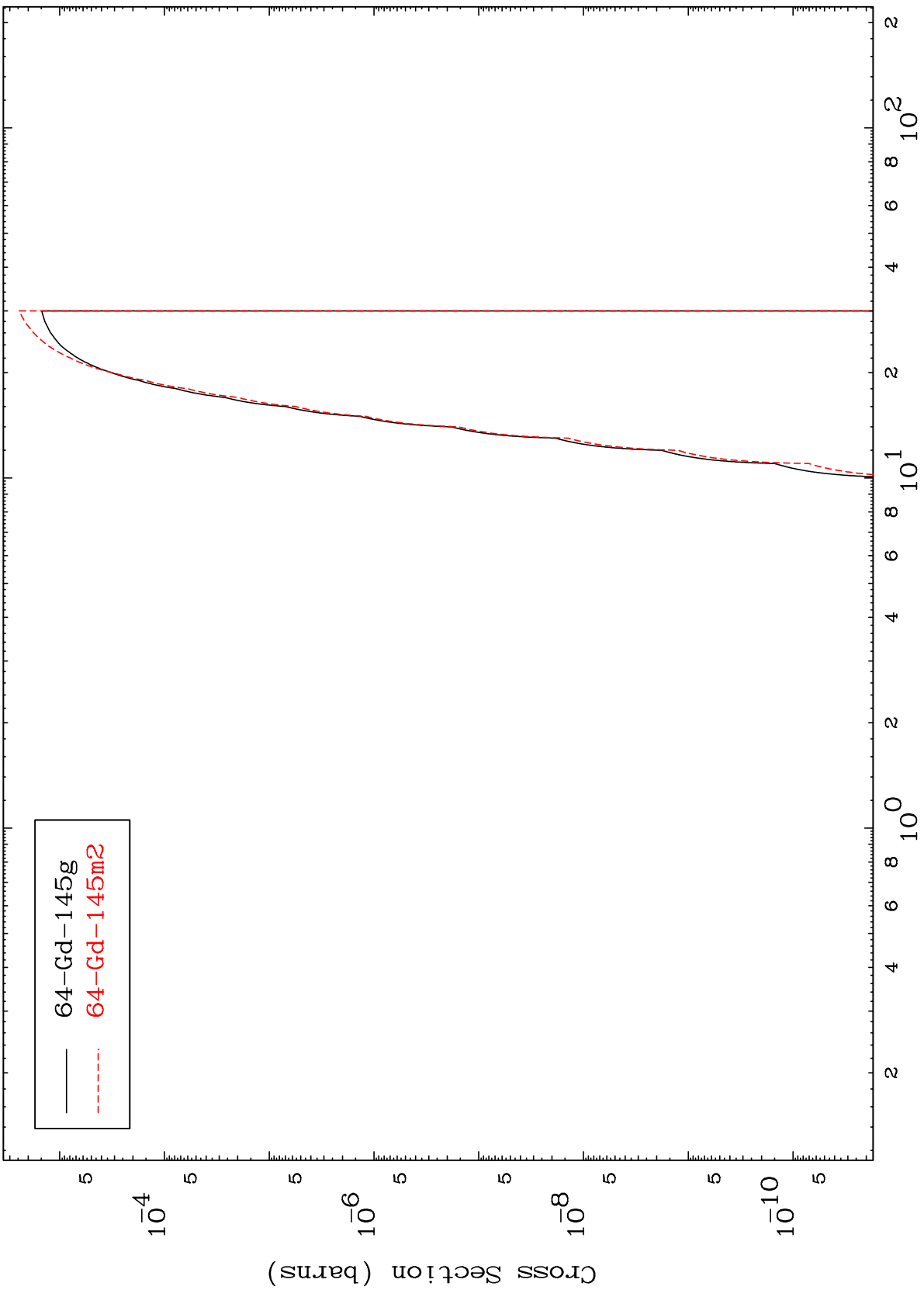
64-Gd-147

MAT 6410

$(n, n') \alpha$

64-Gd-147

Radionuclide Production Cross Section



64-Gd-145g  
64-Gd-145m2

15

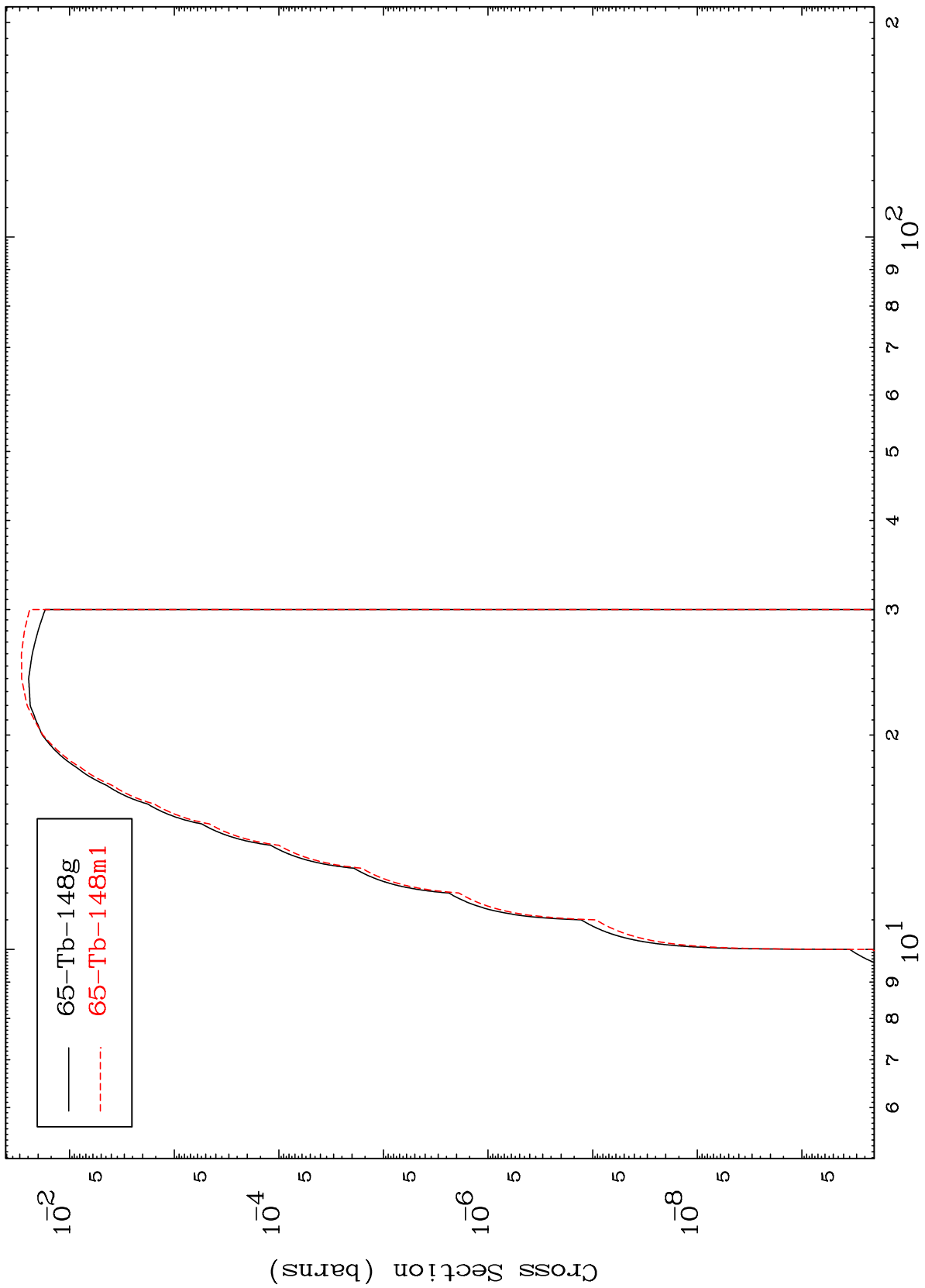
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

(n,n') p  
Radionuclide Production Cross Section



16

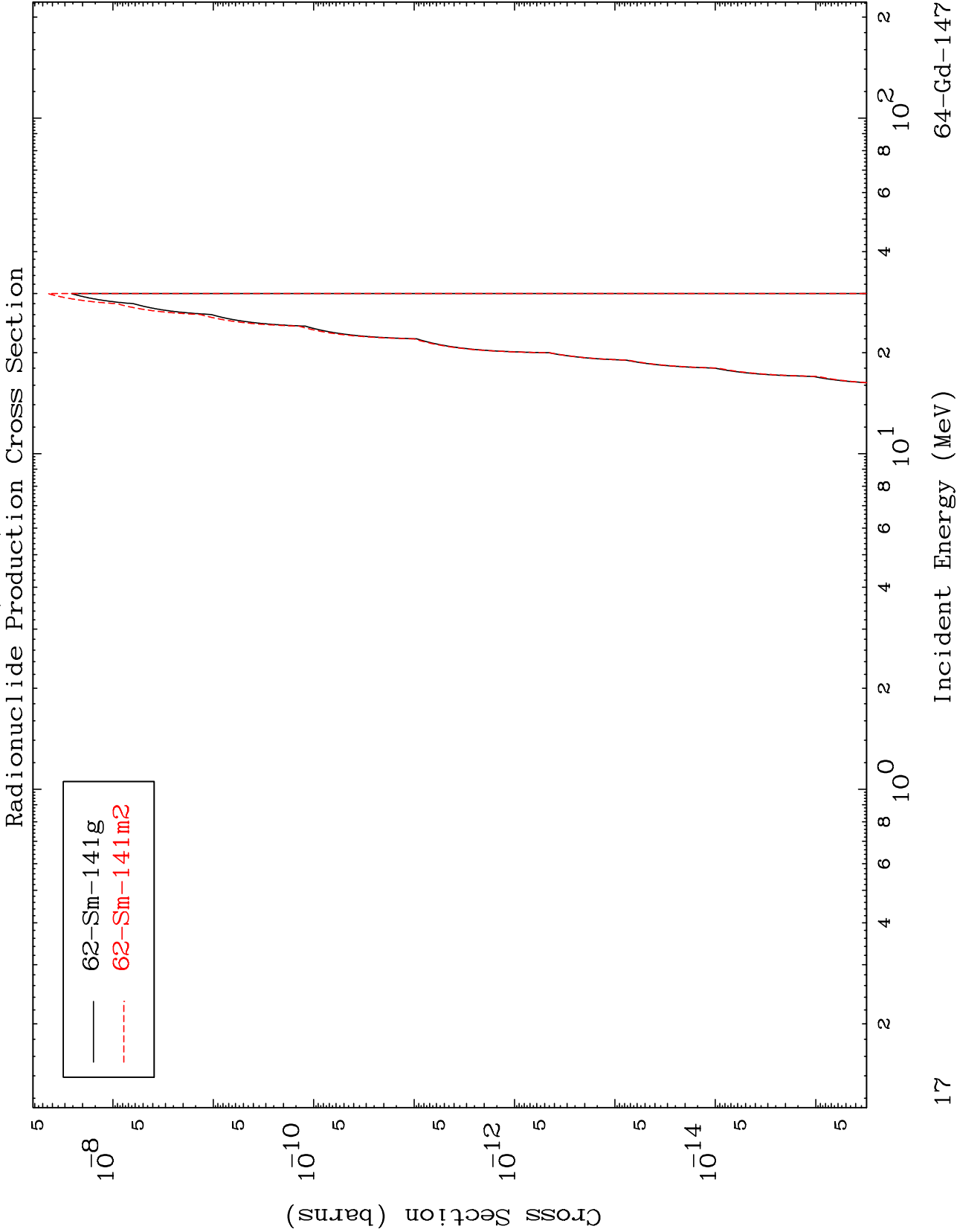
Incident Energy (MeV)

64-Gd-147

MAT 6410

(n,n') 2 $\alpha$

64-Gd-147

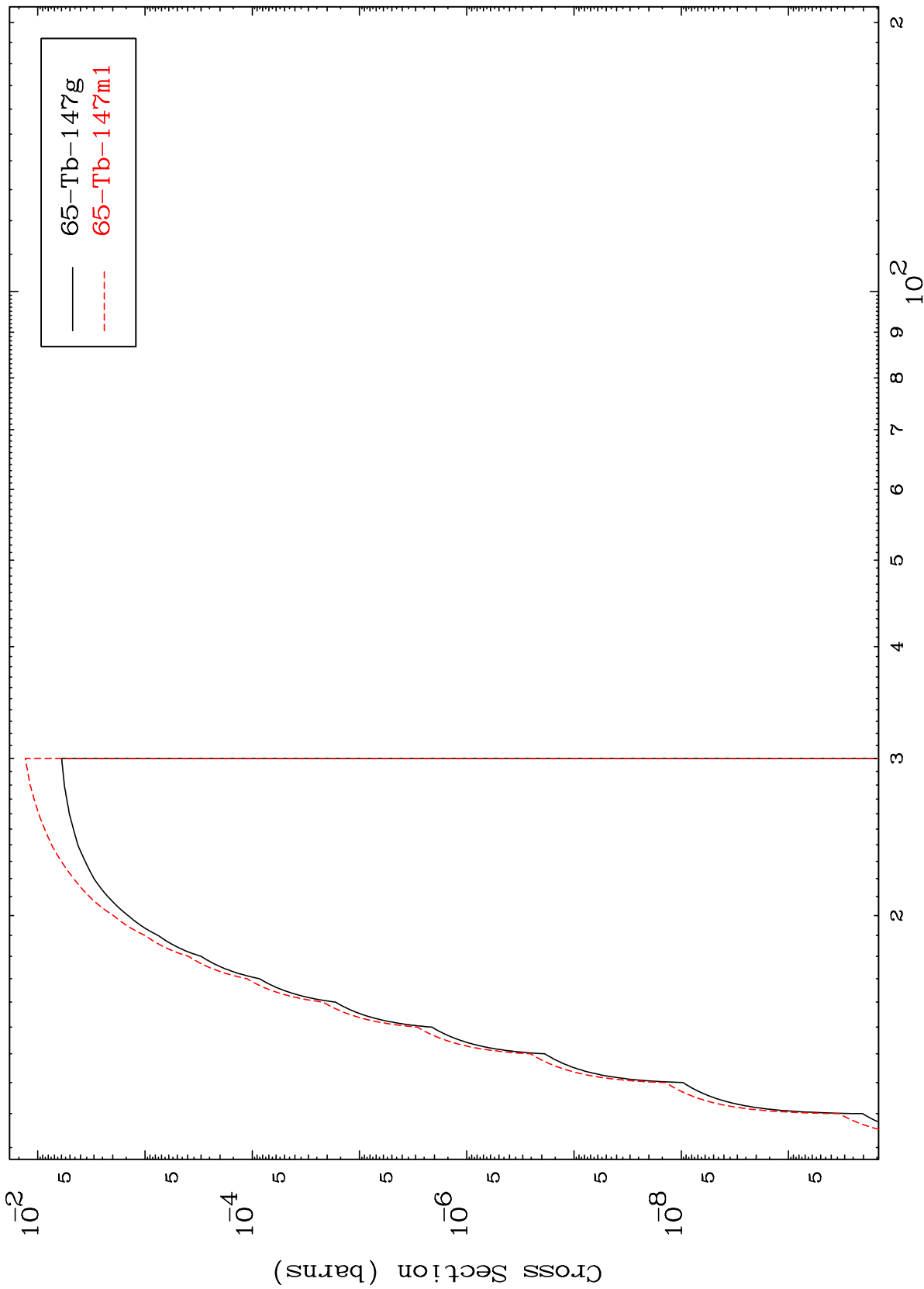


MAT 6410

(n,n') d

64-Gd-147

Radionuclide Production Cross Section

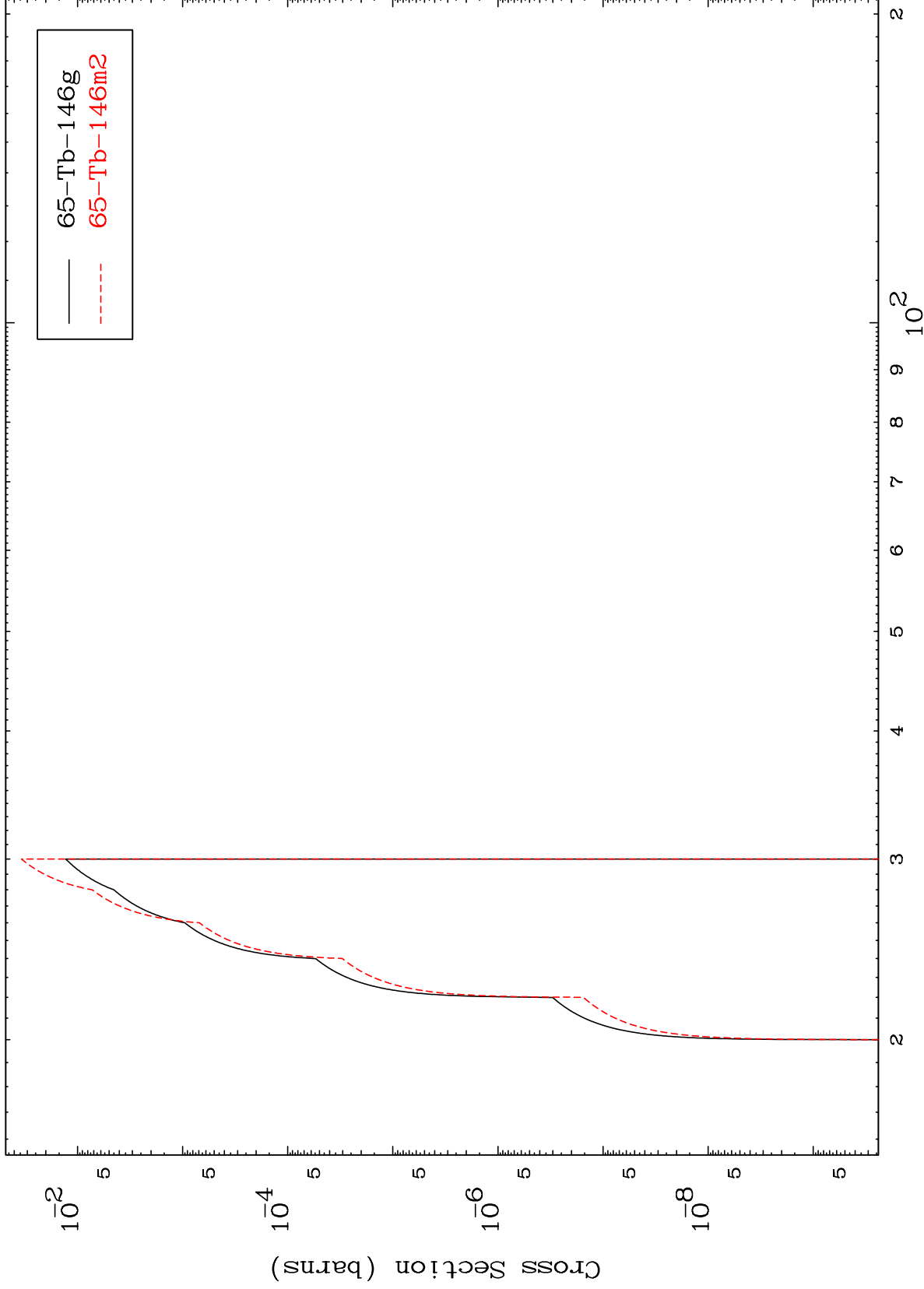


18

Incident Energy (MeV)

64-Gd-147

Radionuclide Production Cross Section

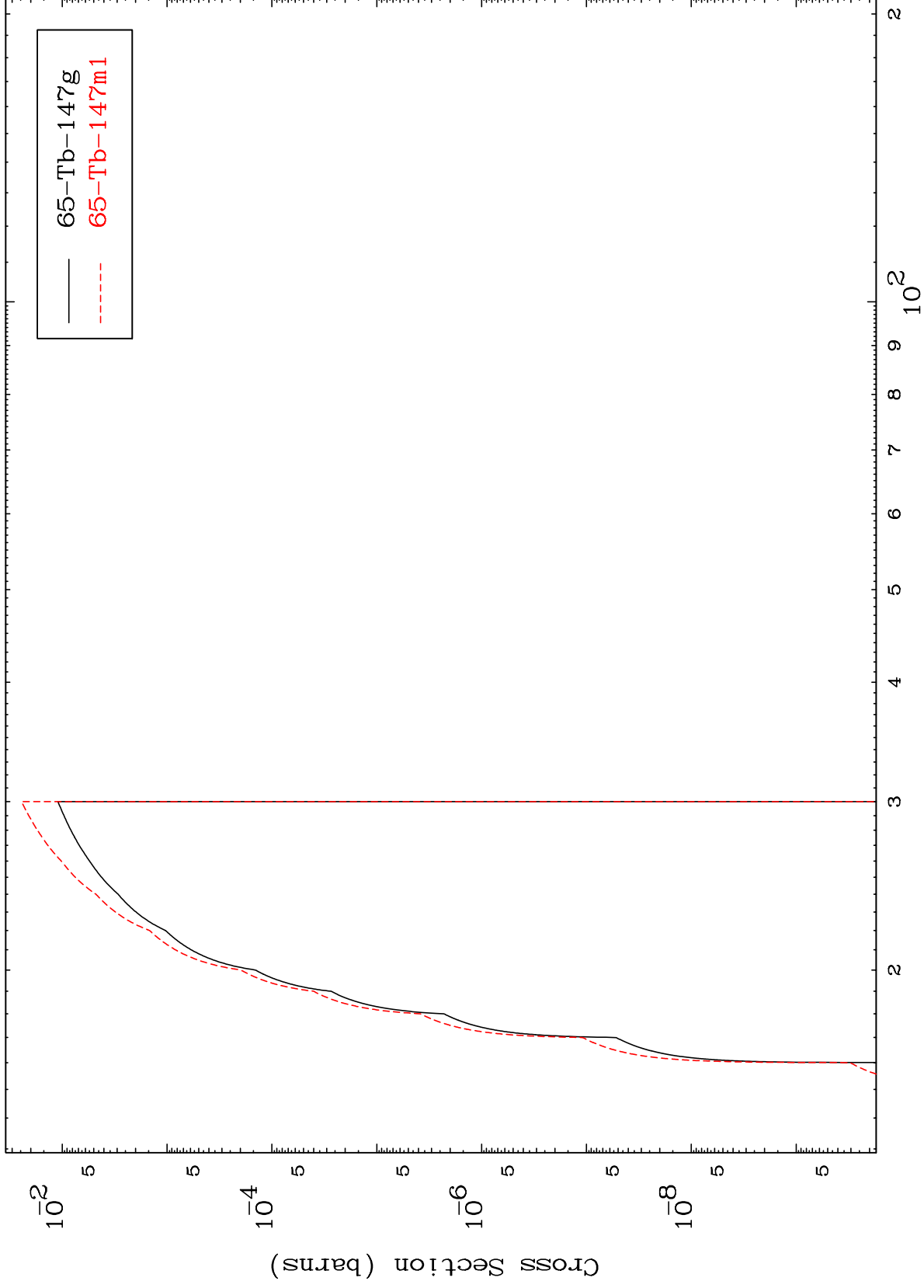


MAT 6410

(n,2n) p

64-Gd-147

Radionuclide Production Cross Section



20

Incident Energy (MeV)

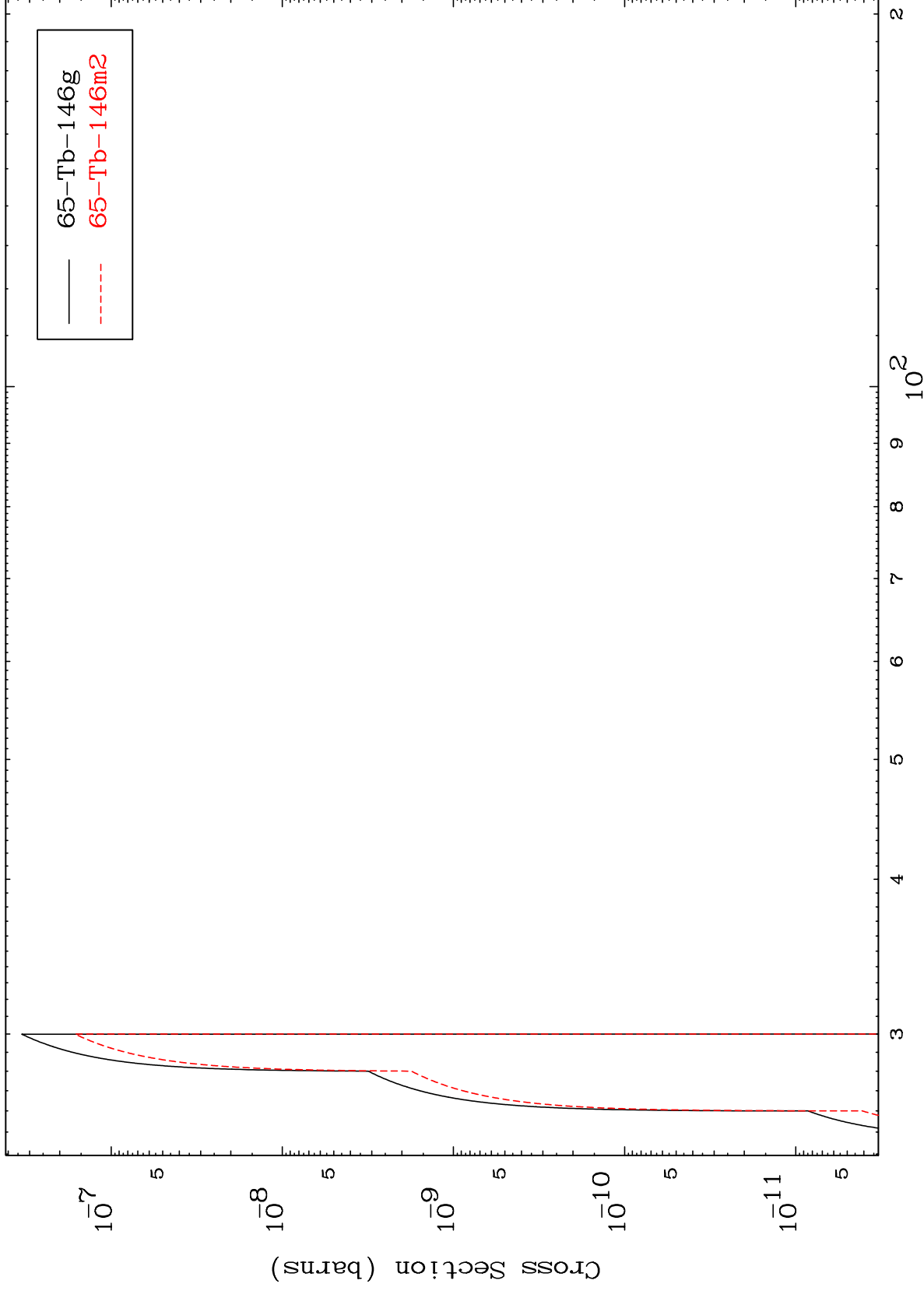
64-Gd-147

MAT 6410

(n,3n) p

64-Gd-147

Radionuclide Production Cross Section



21

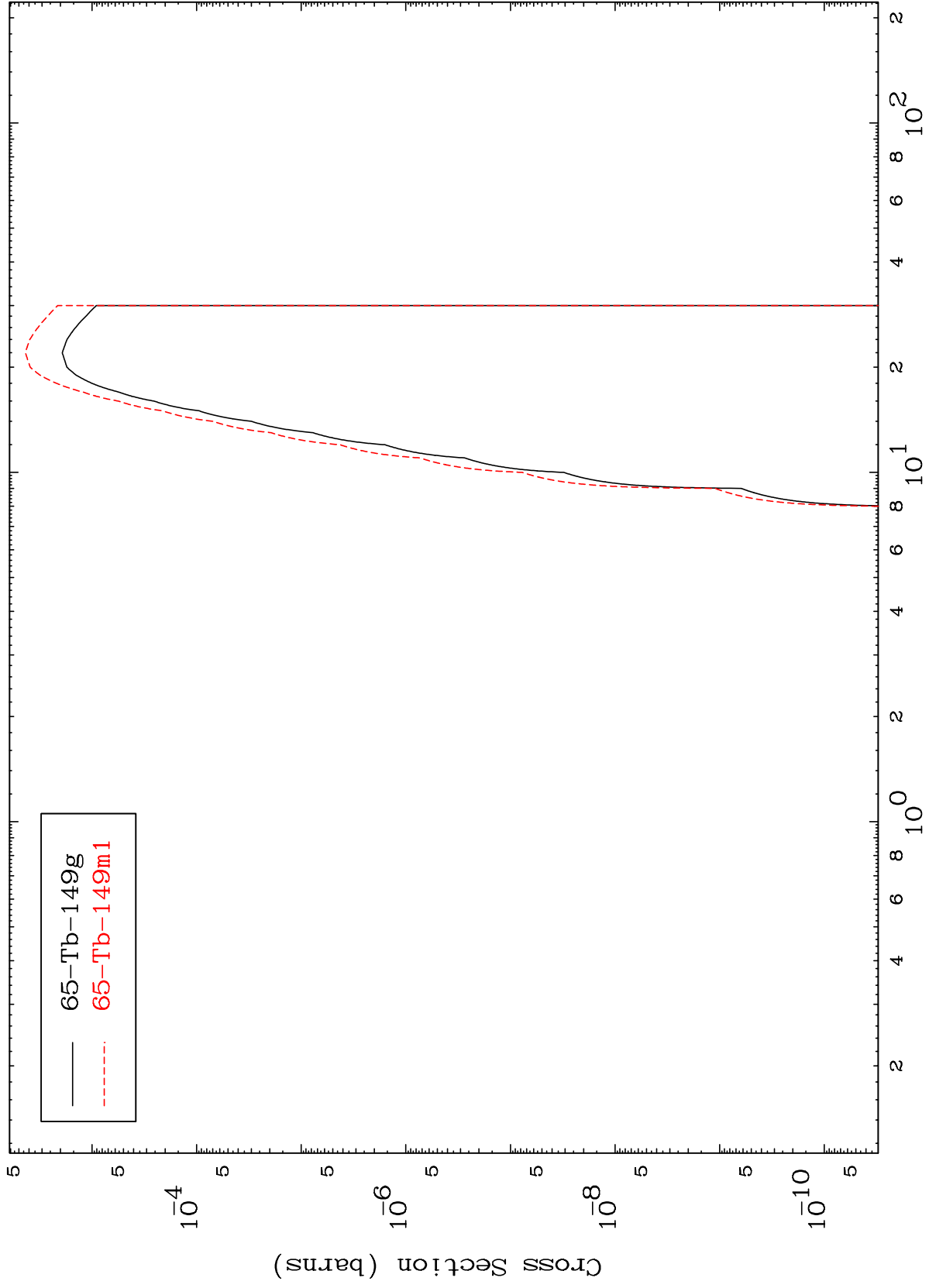
Incident Energy (MeV)

64-Gd-147

MAT 6410

64-Gd-147

(n,p)  
Radionuclide Production Cross Section



— 65-Tb-149g  
- - - 65-Tb-149m1

64-Gd-147

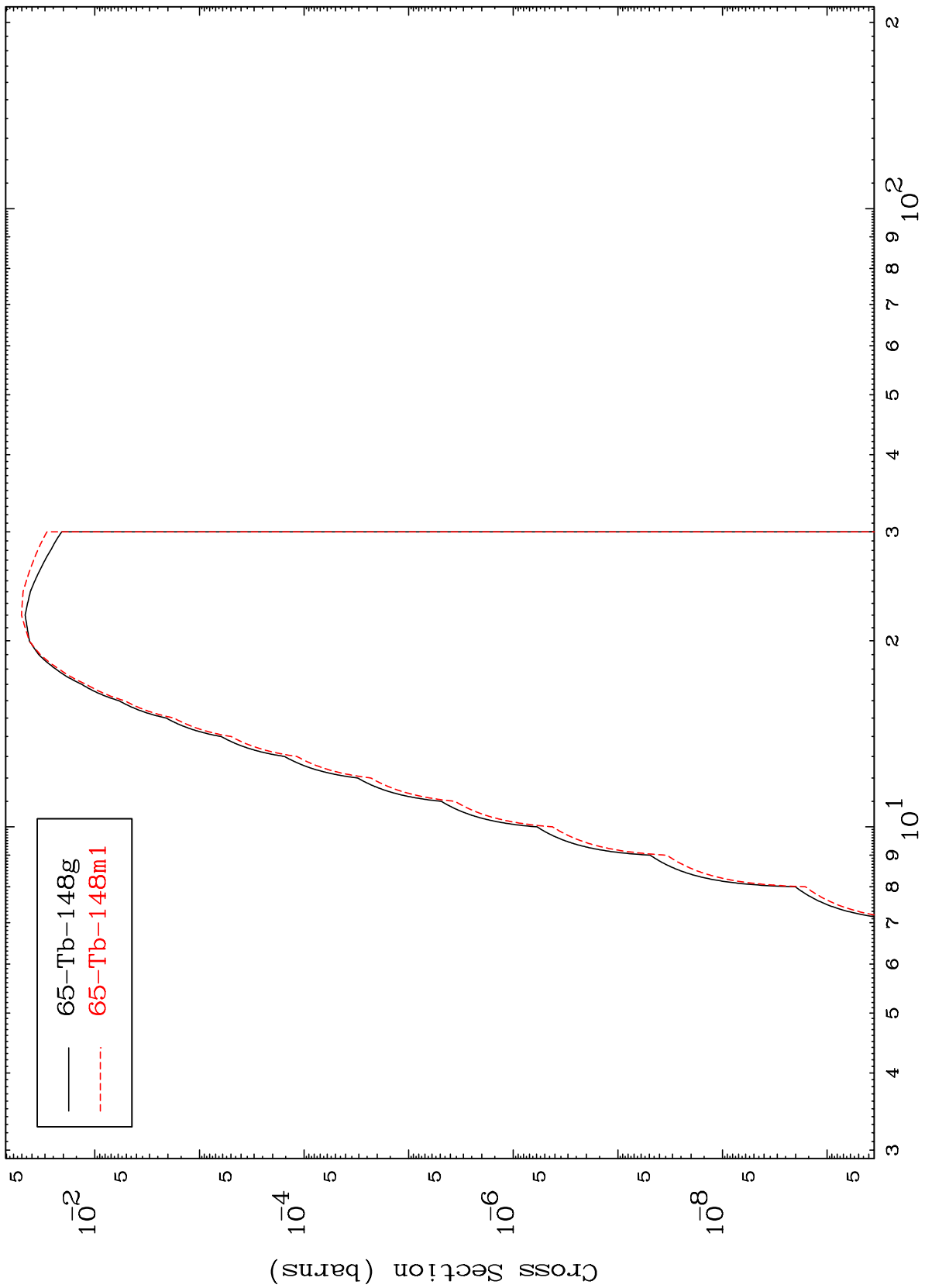
Incident Energy (MeV)

22

MAT 6410

64-Gd-147

(n,d)  
Radionuclide Production Cross Section



64-Gd-147

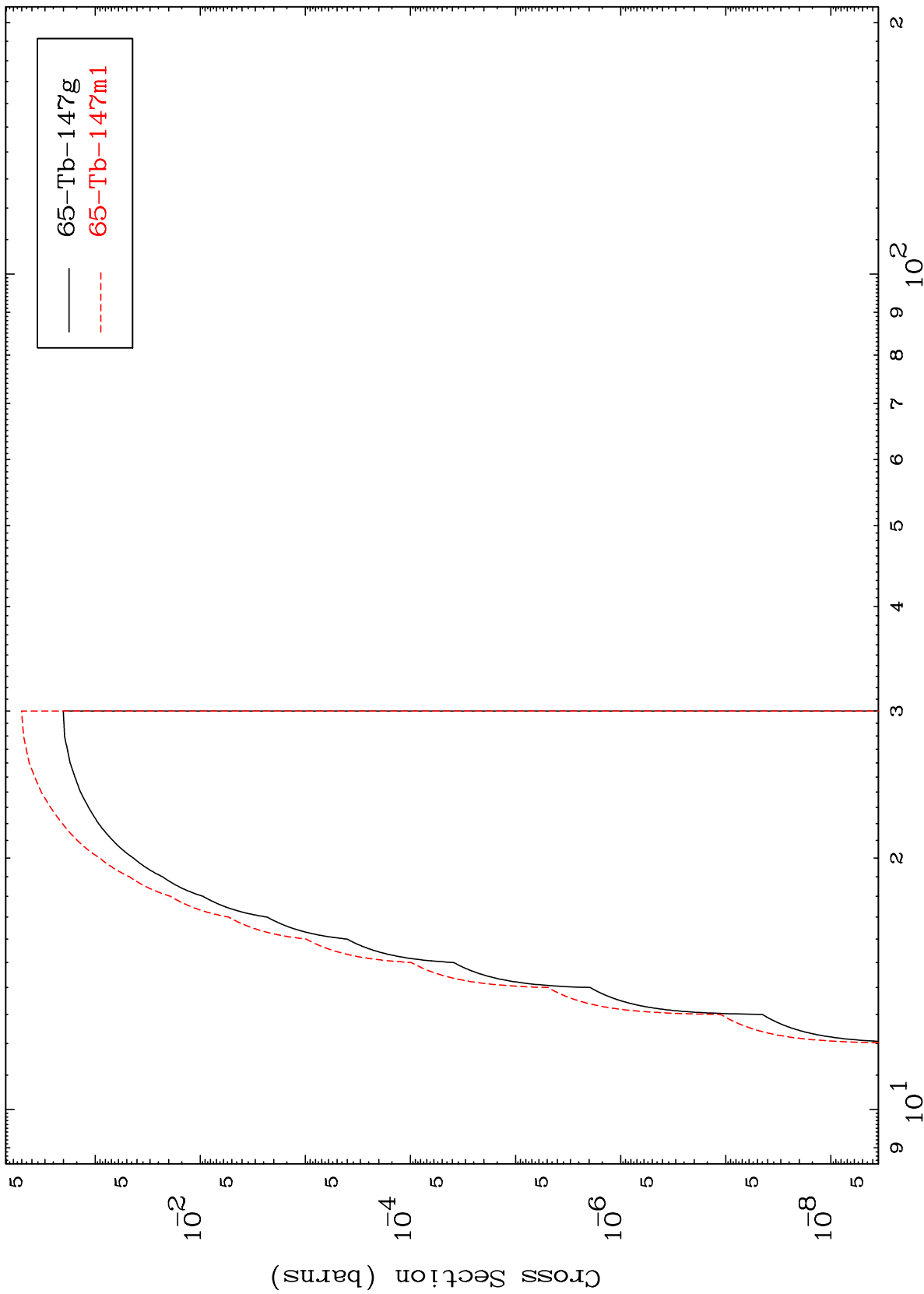
Incident Energy (MeV)

23

MAT 6410

64-Gd-147

(n, t)  
Radionuclide Production Cross Section



64-Gd-147

Incident Energy (MeV)

24