

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

Web:redcullen1.net/HOMEPAGE.NEW

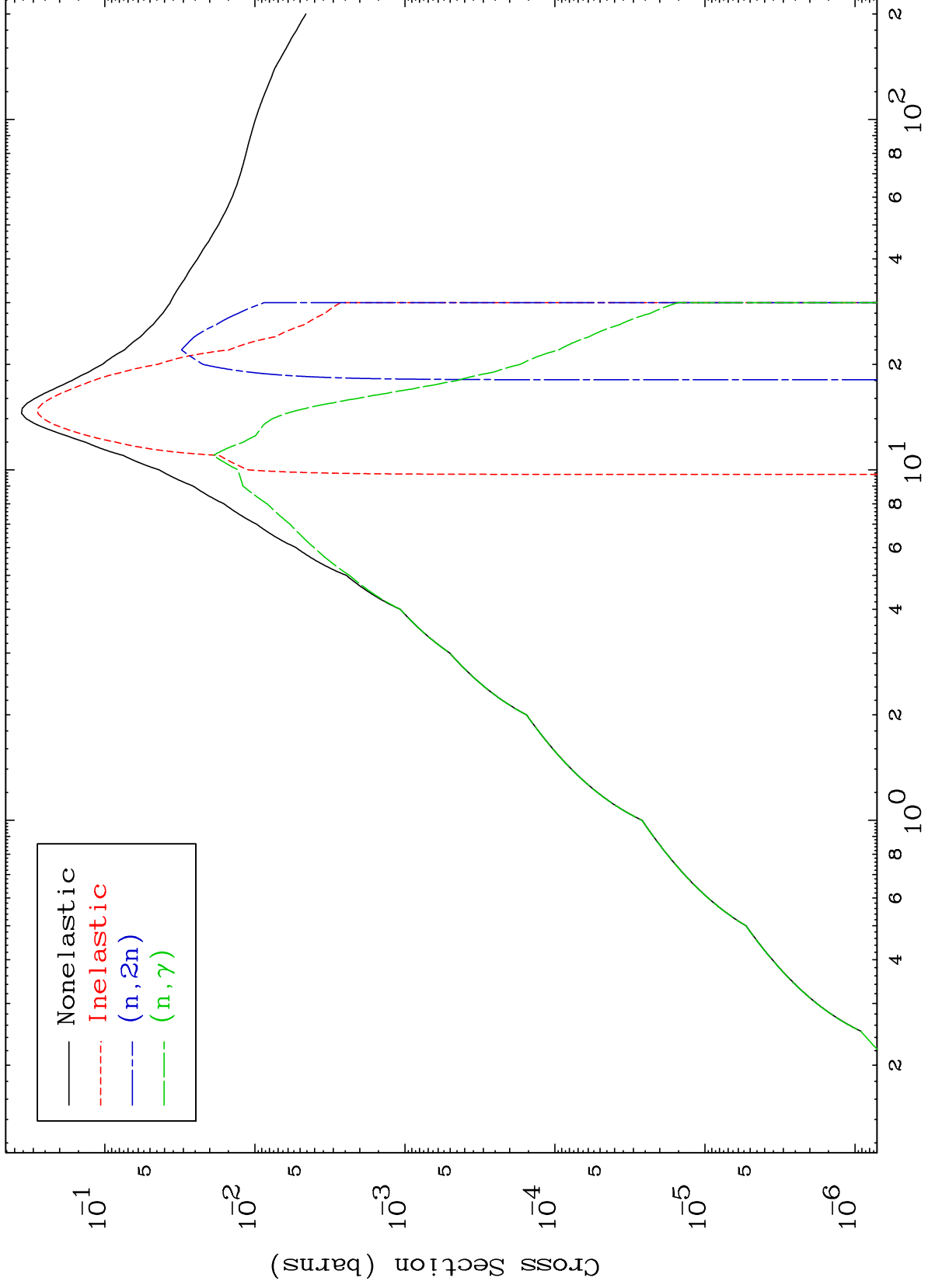
Press Mouse Button to Start

MAT 6684

Photon Major

67-Ho-151m

0 Kelvin Cross Sections



1

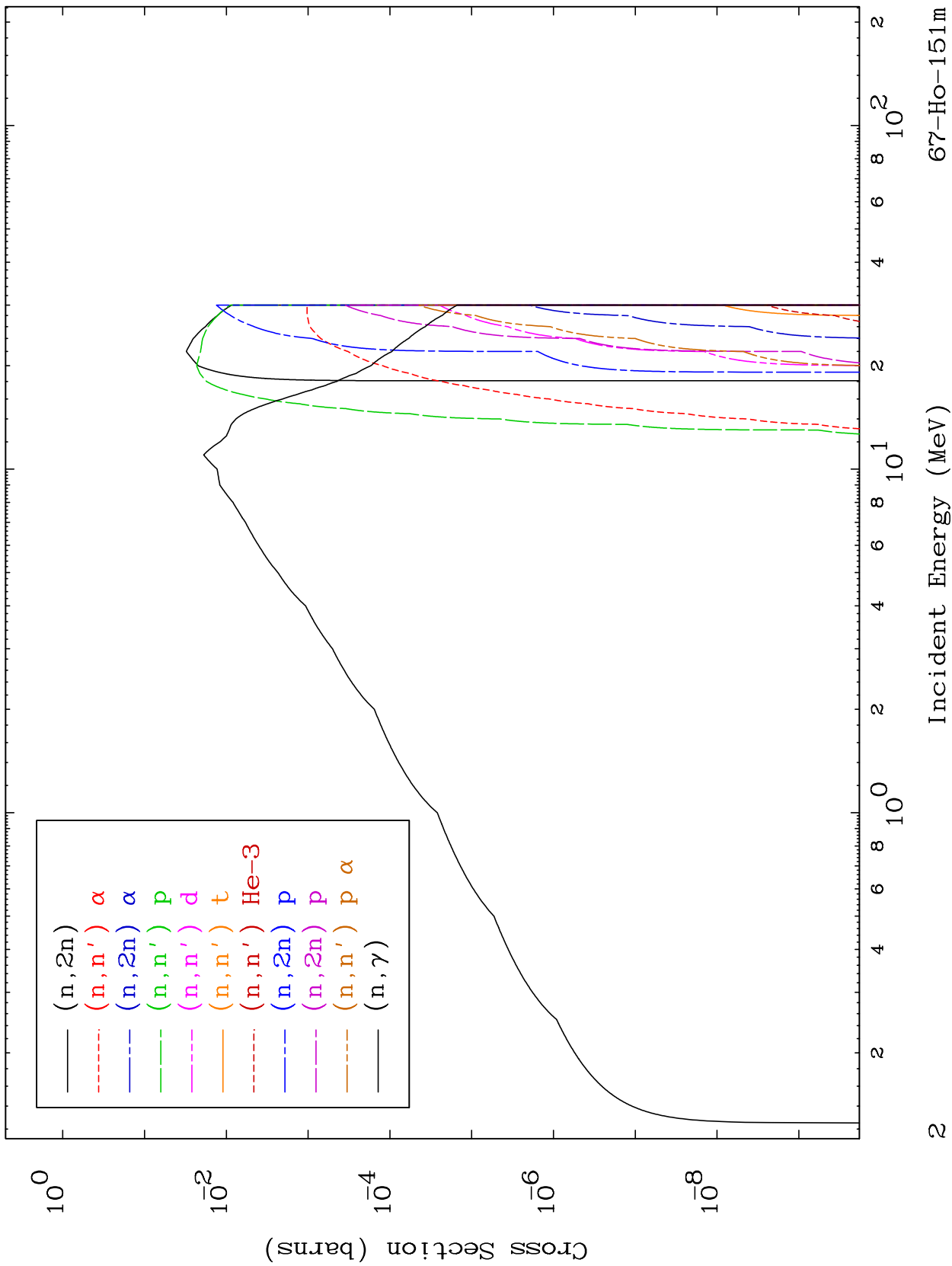
Incident Energy (MeV)

67-Ho-151m

MAT 6684

Photon Neutron Absorption  
0 Kelvin Cross Sections

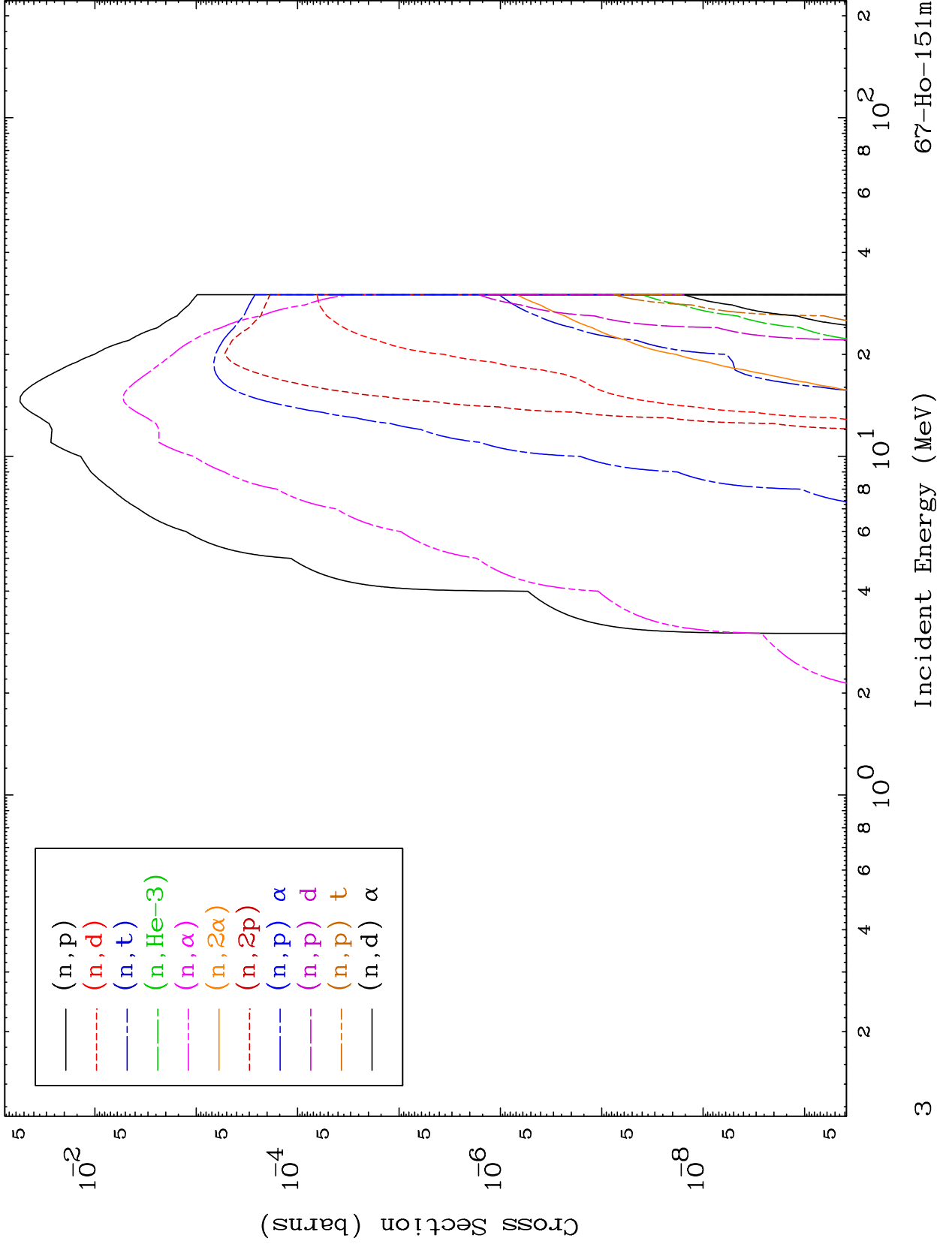
67-Ho-151m



MAT 6684

Photon Neutron Absorption  
0 Kelvin Cross Sections

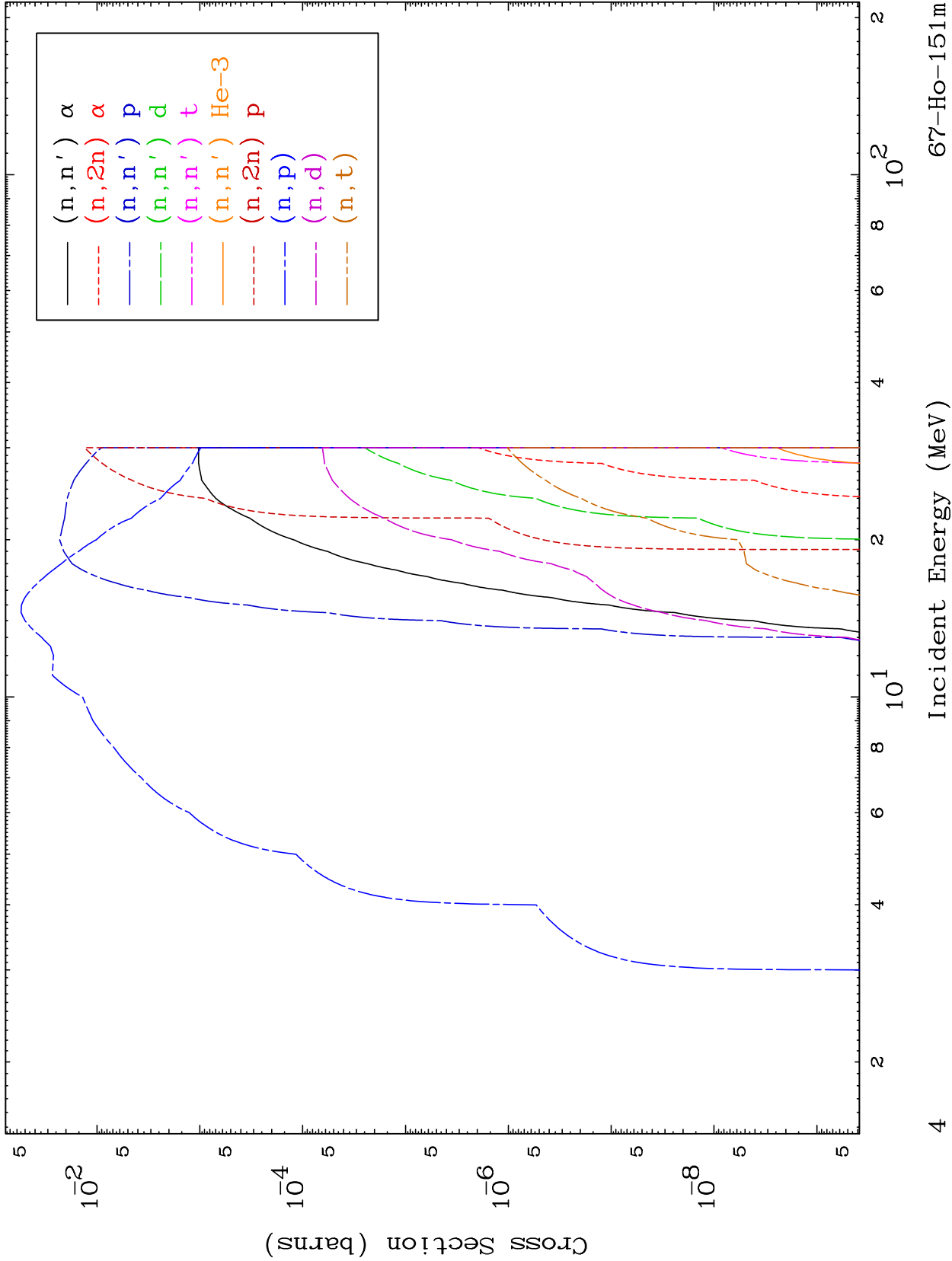
67-Ho-151m



MAT 6684

Photon Charged Particle  
0 Kelvin Cross Sections

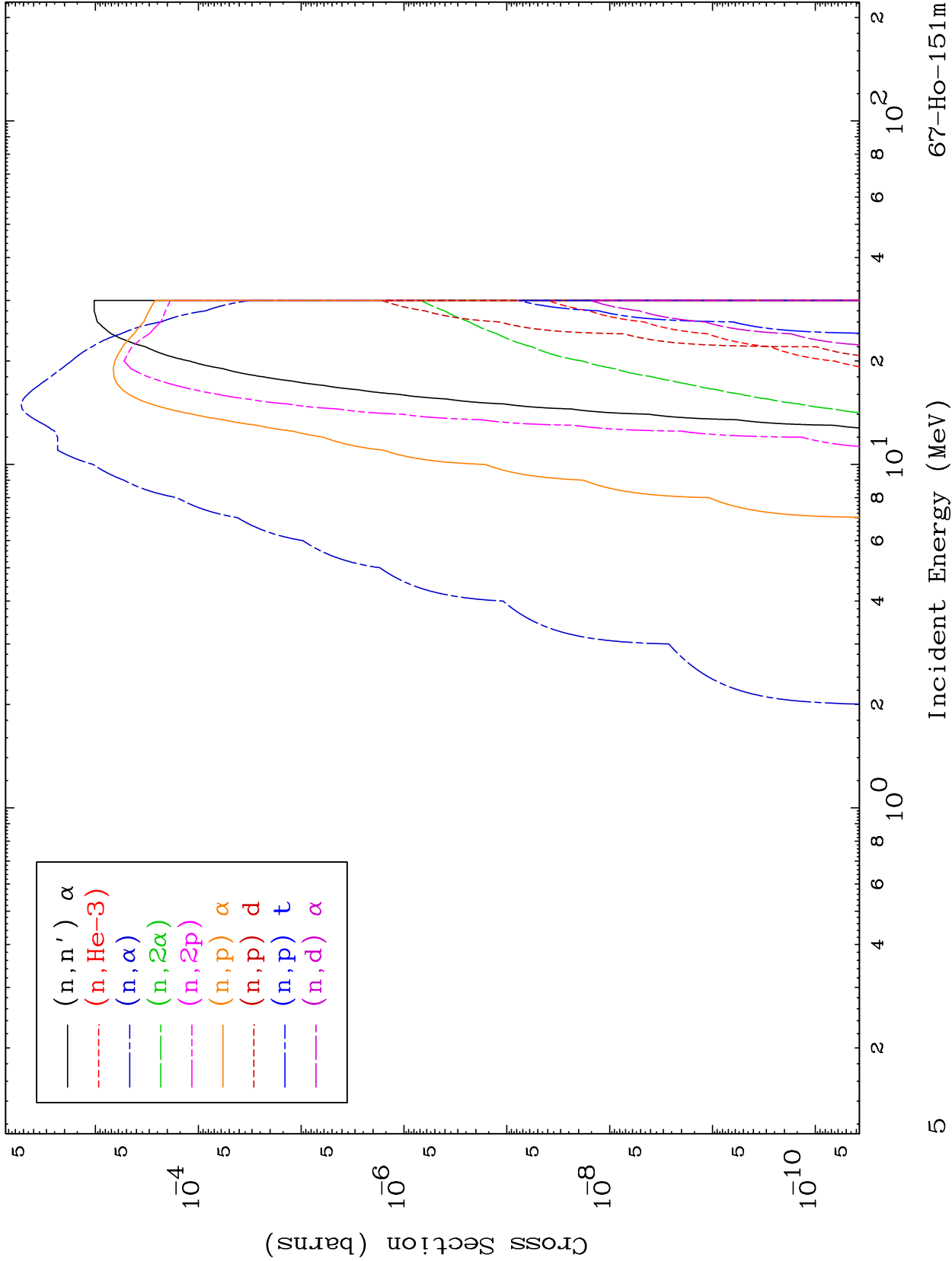
67-Ho-151m



MAT 6684

Photon Charged Particle  
0 Kelvin Cross Sections

67-Ho-151m

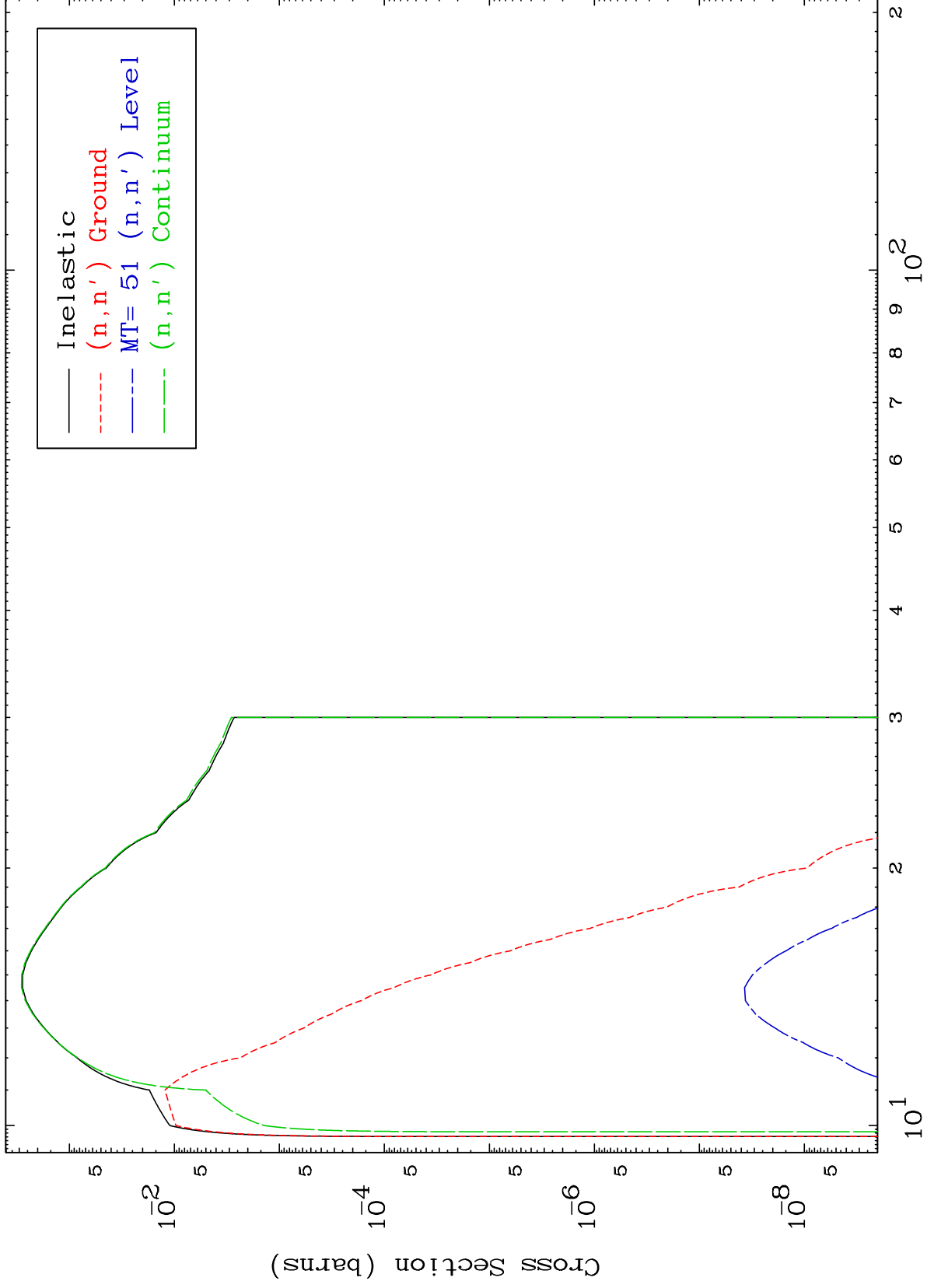


MAT 6684

( $\gamma, n'$ ) Levels

67-Ho-151m

0 Kelvin Cross Sections



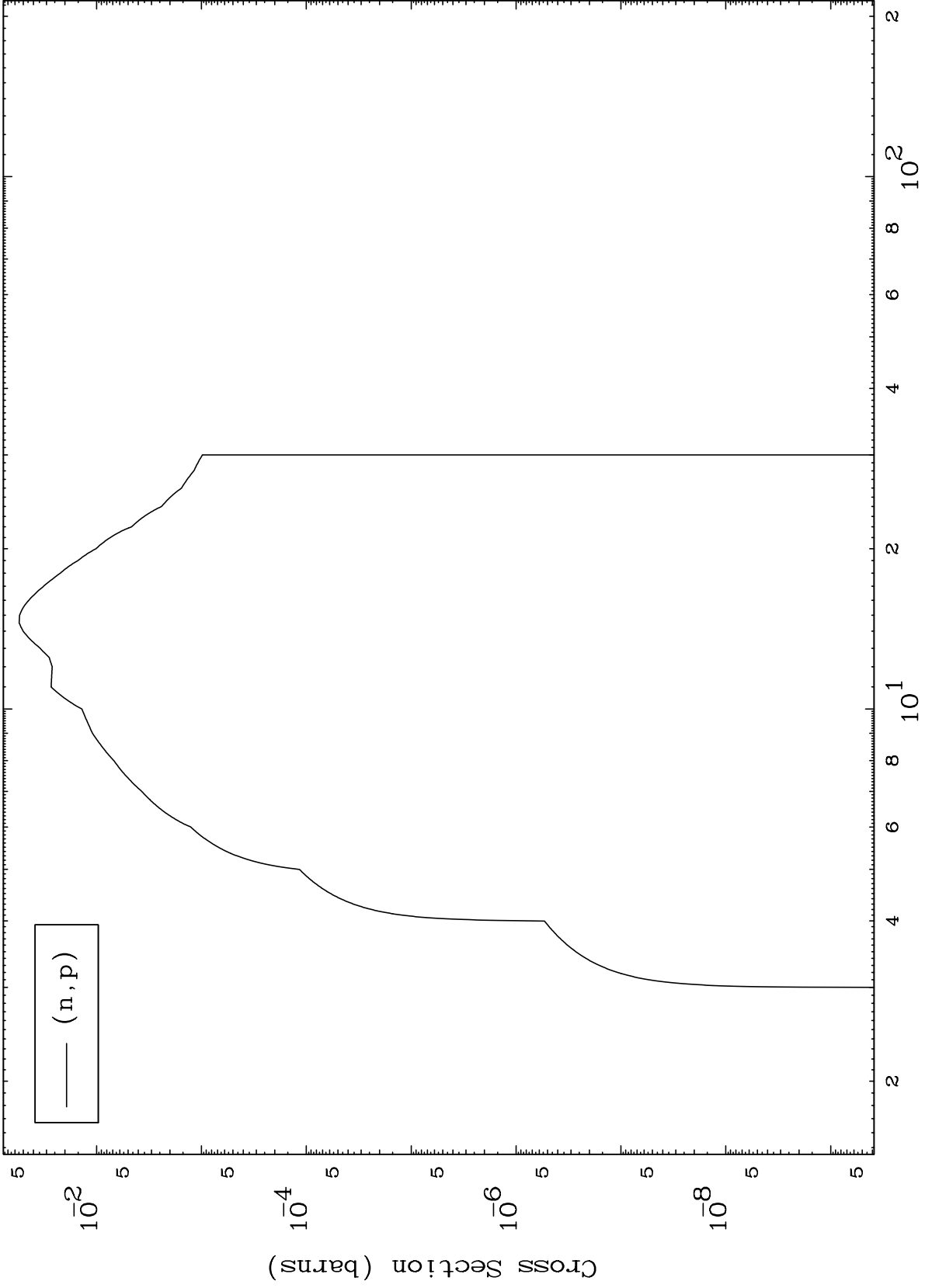
Incident Energy (MeV)

67-Ho-151m

MAT 6684

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

67-Ho-151m



7

Incident Energy (MeV)

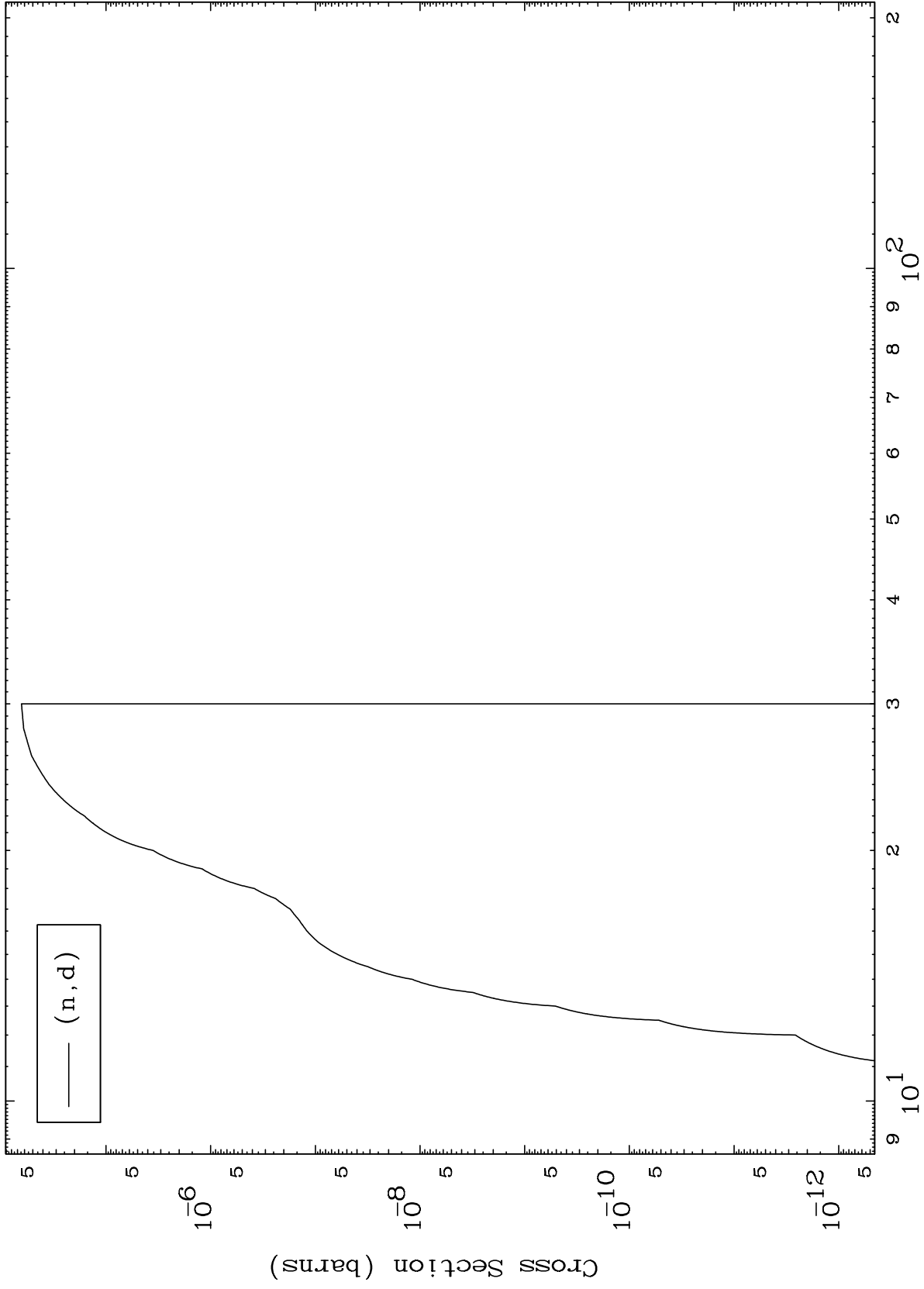
67-Ho-151m



MAT 6684

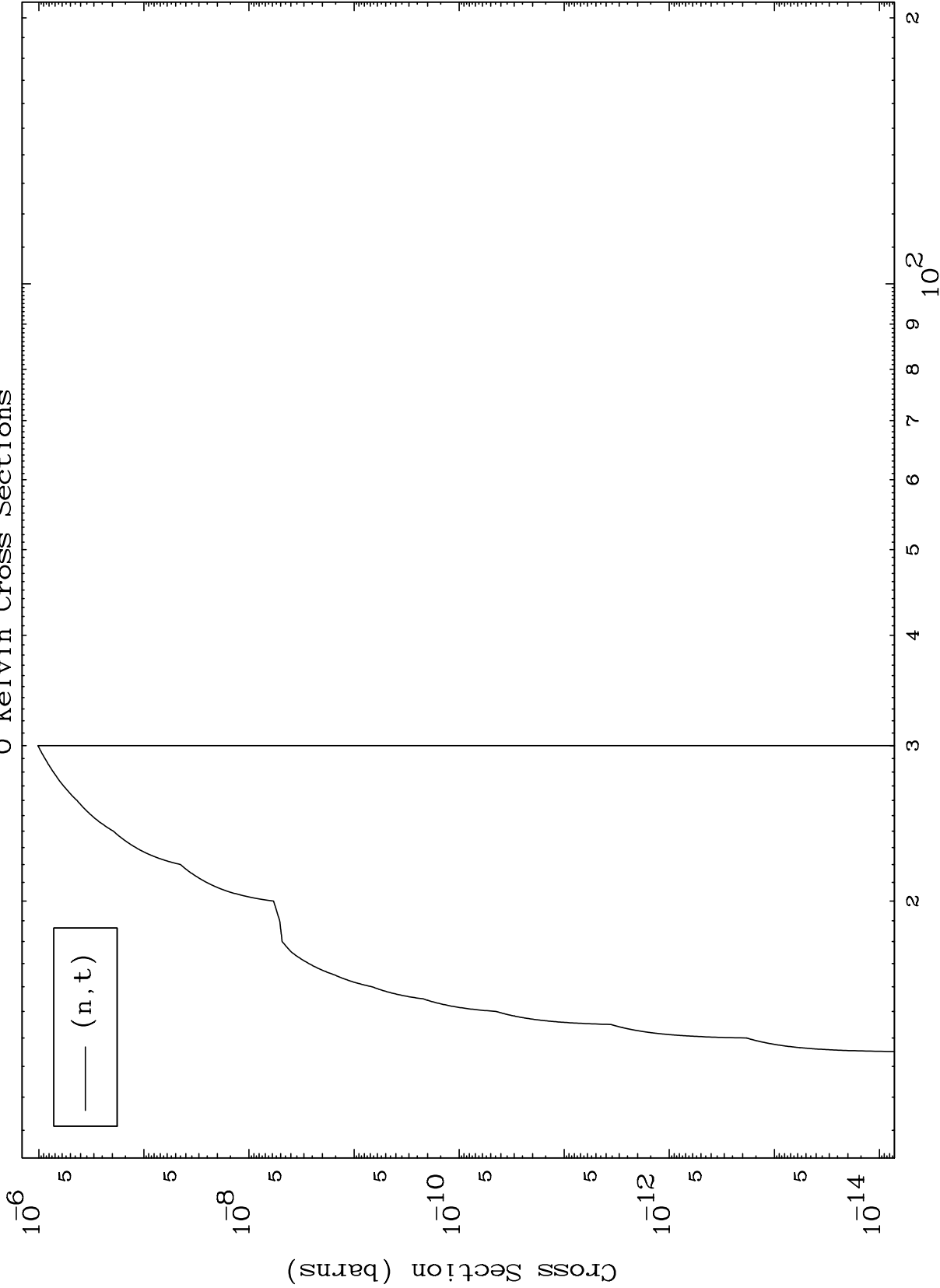
( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

67-Ho-151m



Incident Energy (MeV)

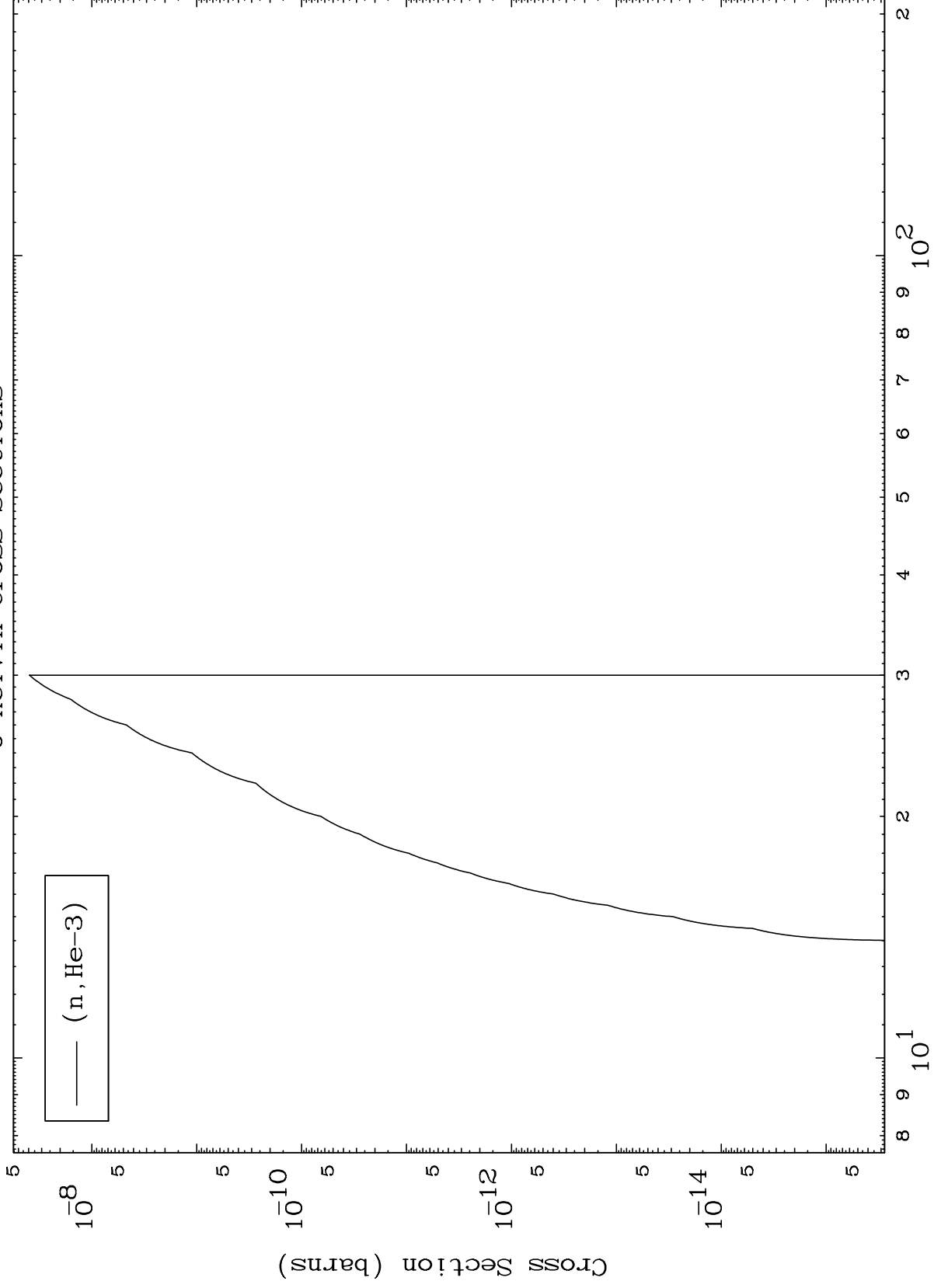
67-Ho-151m



MAT 6684

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

67-Ho-151m



10

Incident Energy (MeV)

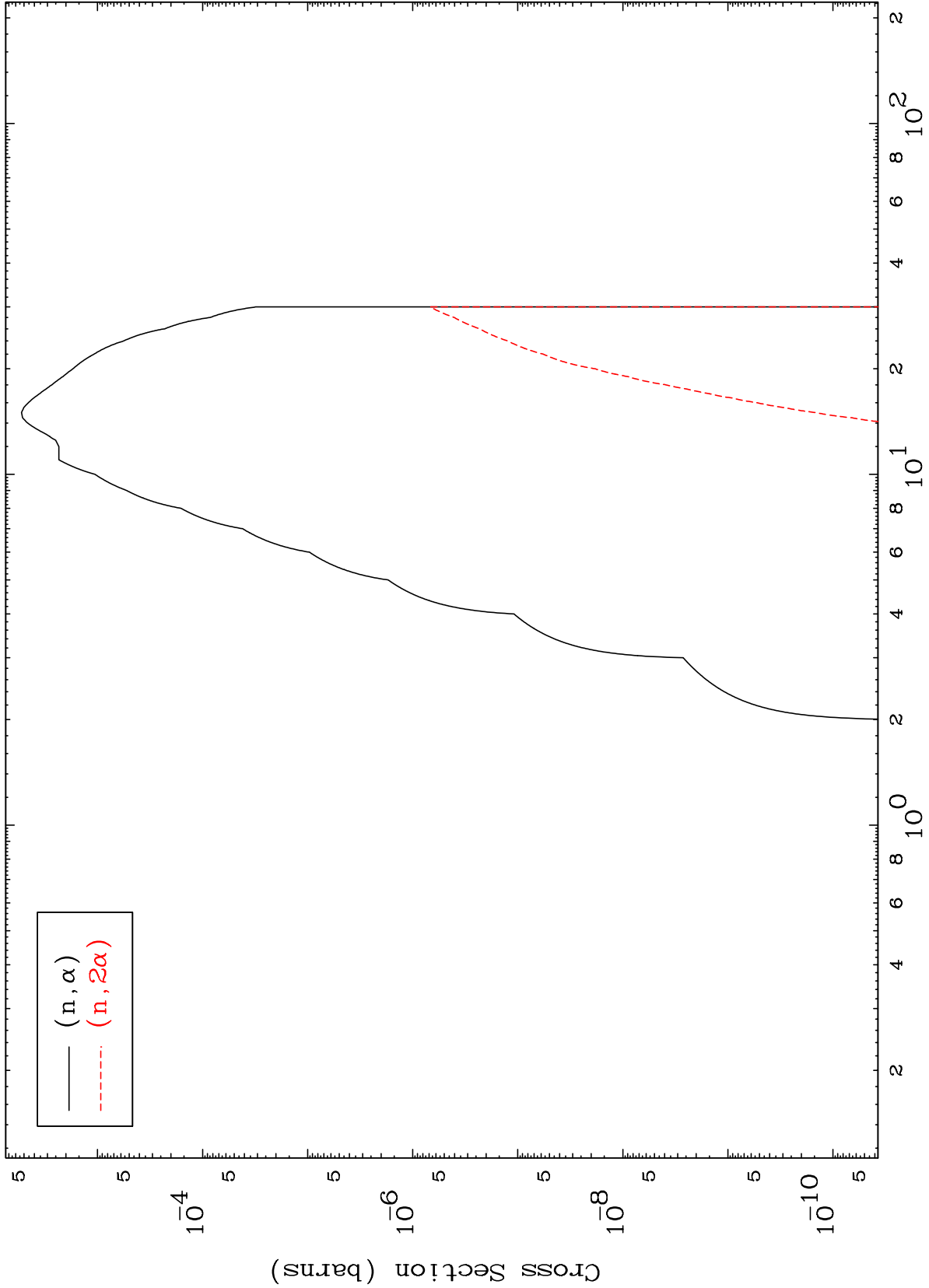
67-Ho-151m

MAT 6684

( $\gamma, \alpha$ ) Levels

67-Ho-151m

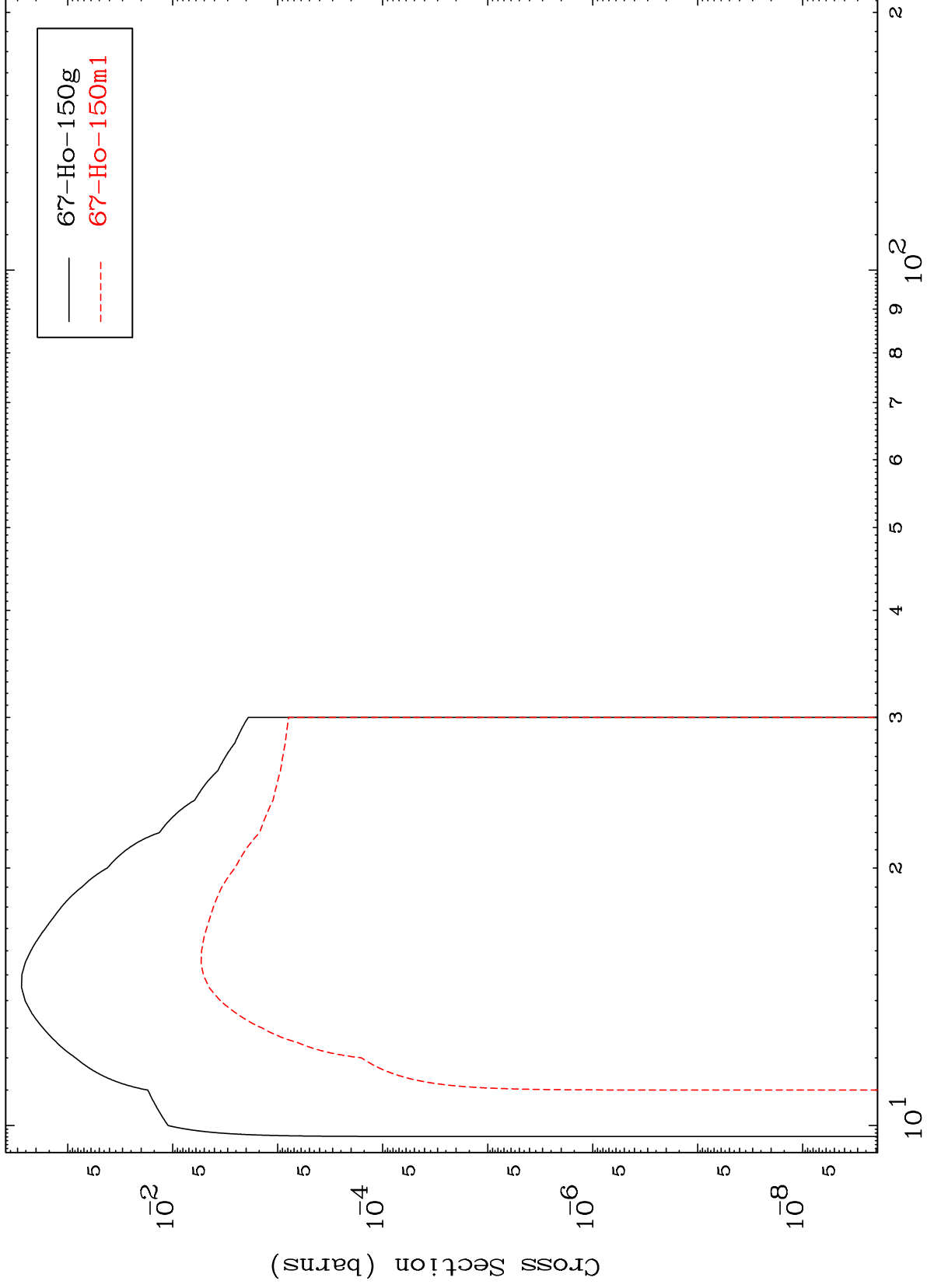
0 Kelvin Cross Sections



MAT 6684

67-Ho-151m

Inelastic  
Radionuclide Production Cross Section



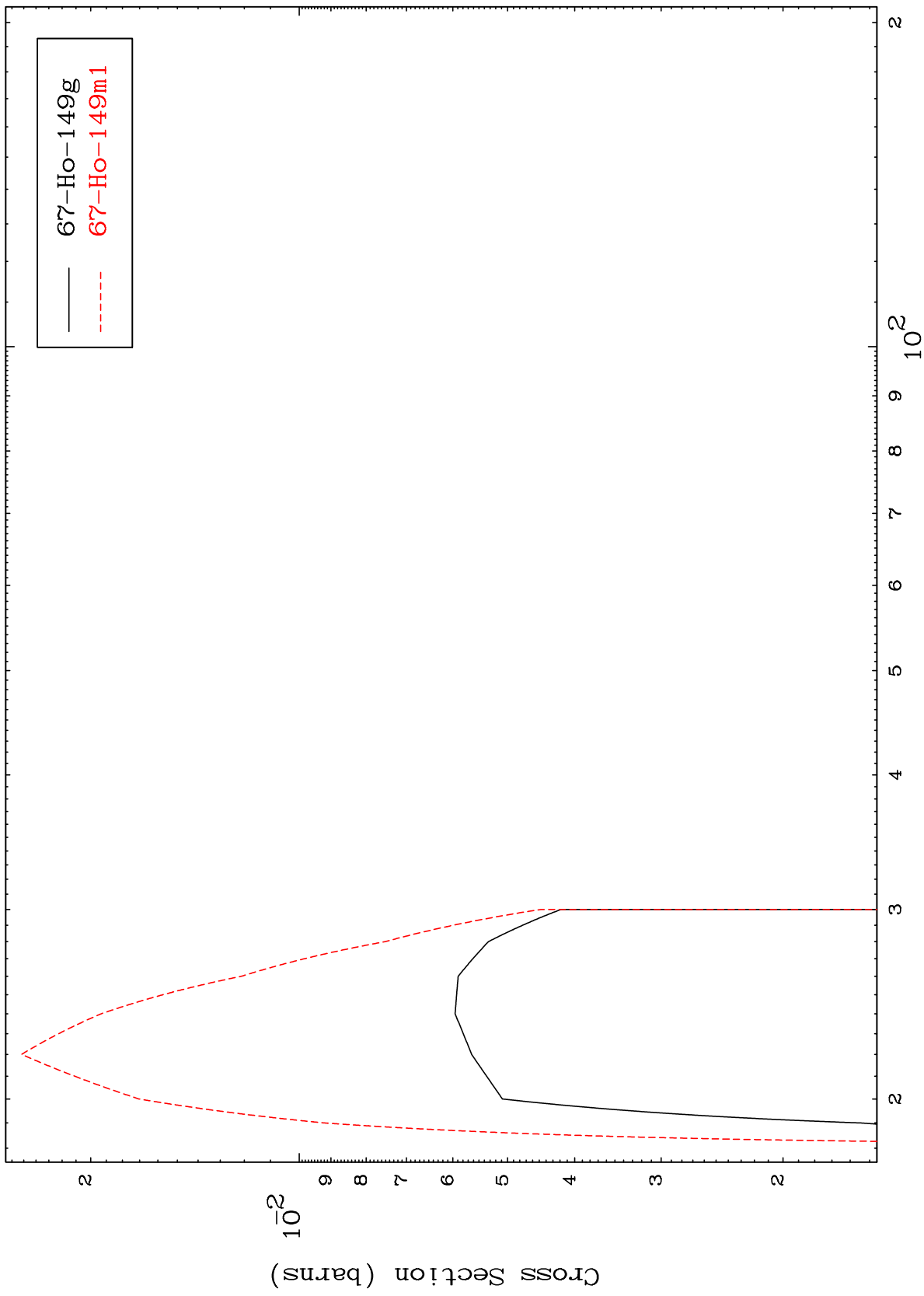
67-Ho-151m

Incident Energy (MeV)

MAT 6684

67-Ho-151m

(n,2n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

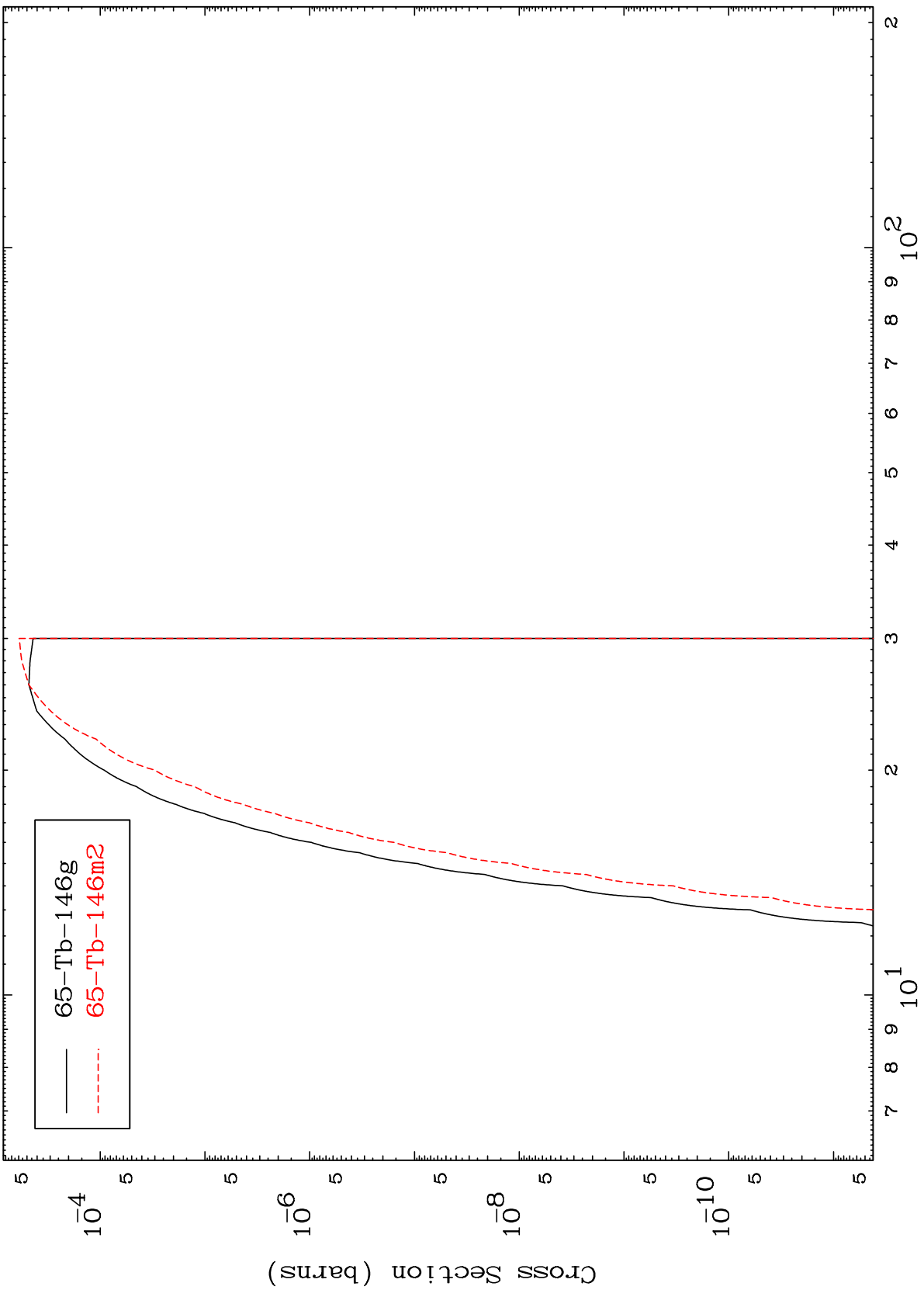
67-Ho-151m

MAT 6684

(n,n')  $\alpha$

67-Ho-151m

Radionuclide Production Cross Section



65-Tb-146g  
65-Tb-146m2

14

Incident Energy (MeV)

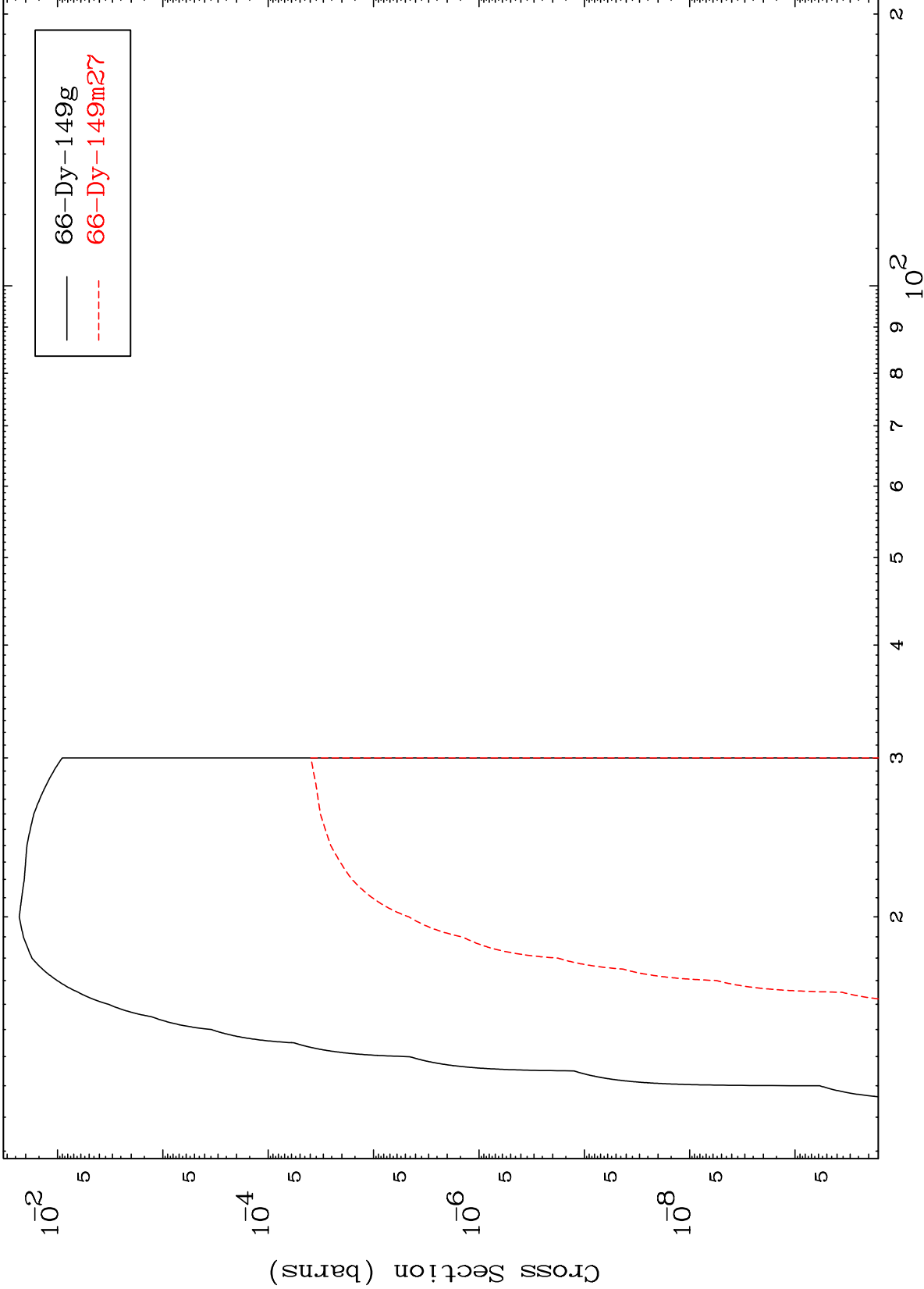
67-Ho-151m

MAT 6684

(n,n') p

67-Ho-151m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

67-Ho-151m

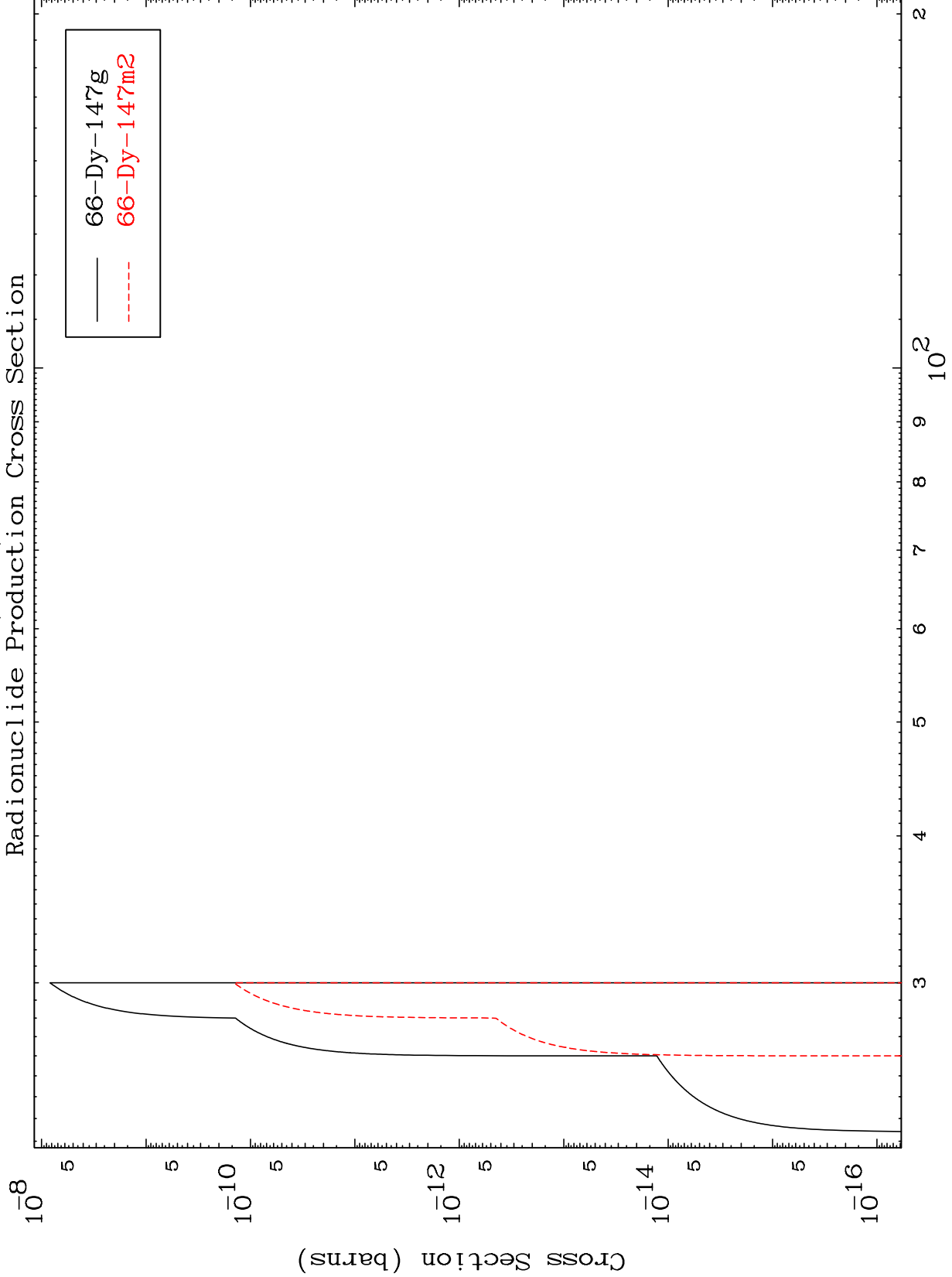


MAT 6684

(n,n') t

67-Ho-151m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

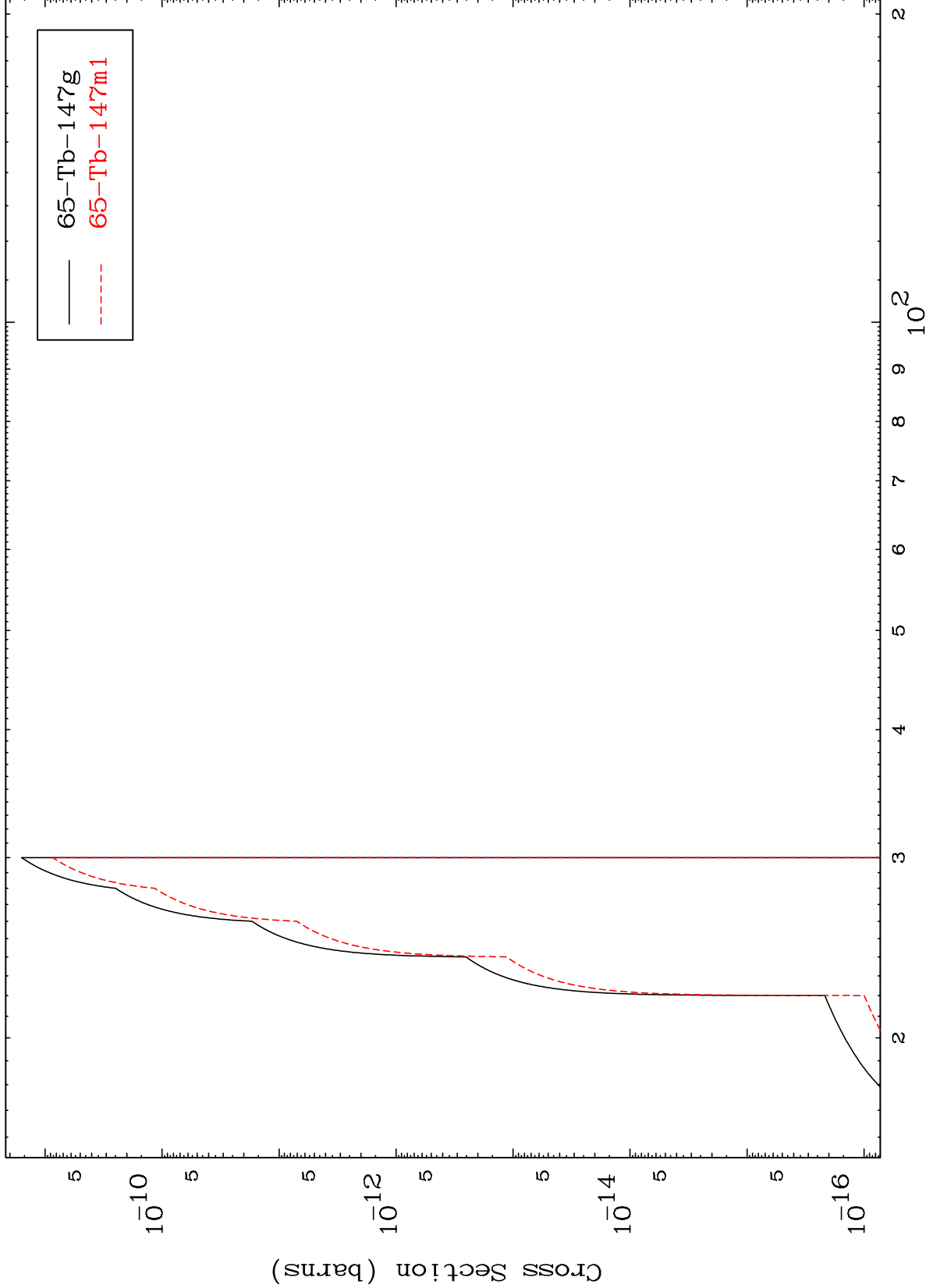
67-Ho-151m

MAT 6684

(n,n') He-3

67-Ho-151m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

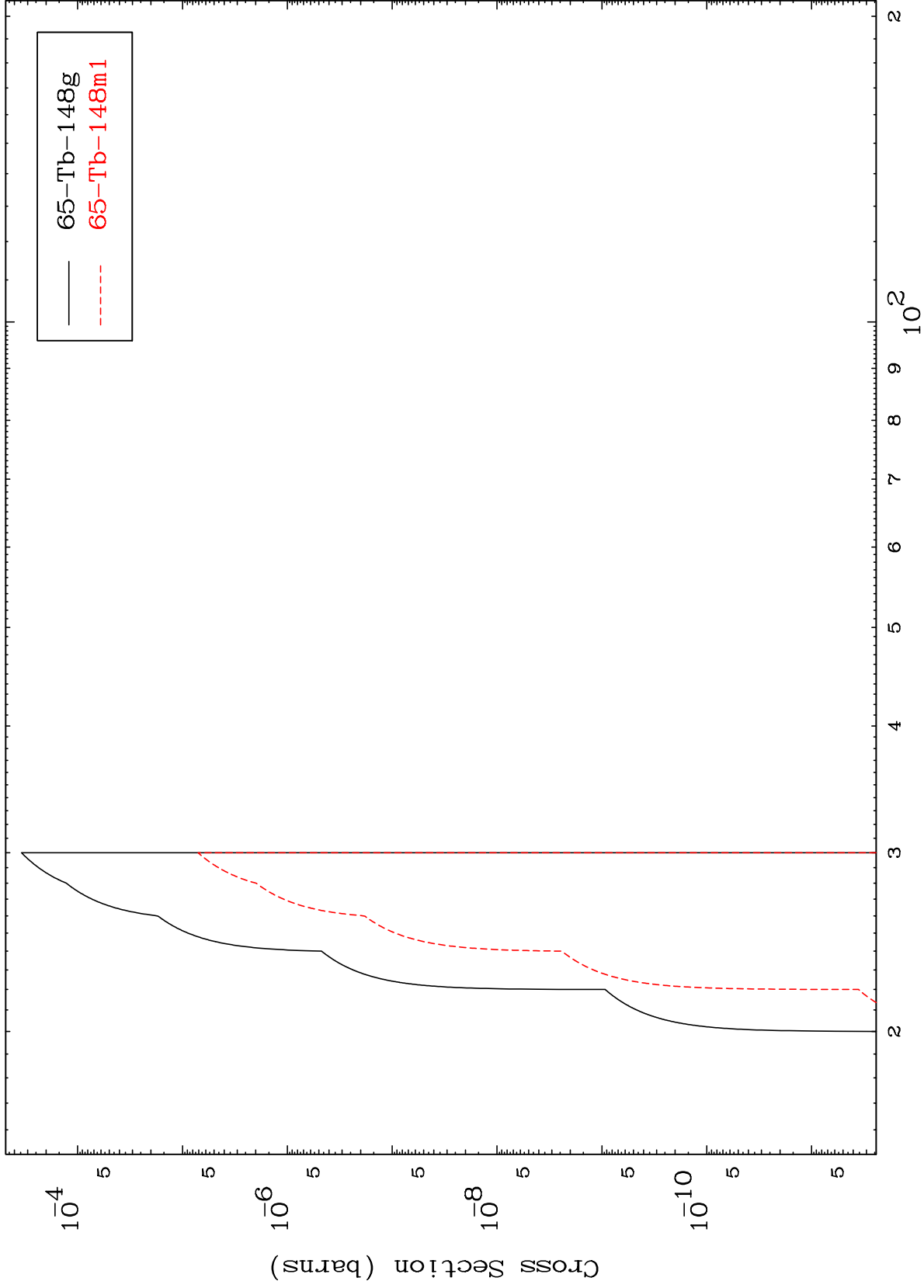
67-Ho-151m

MAT 6684

(n,2n) p

67-Ho-151m

Radionuclide Production Cross Section



18

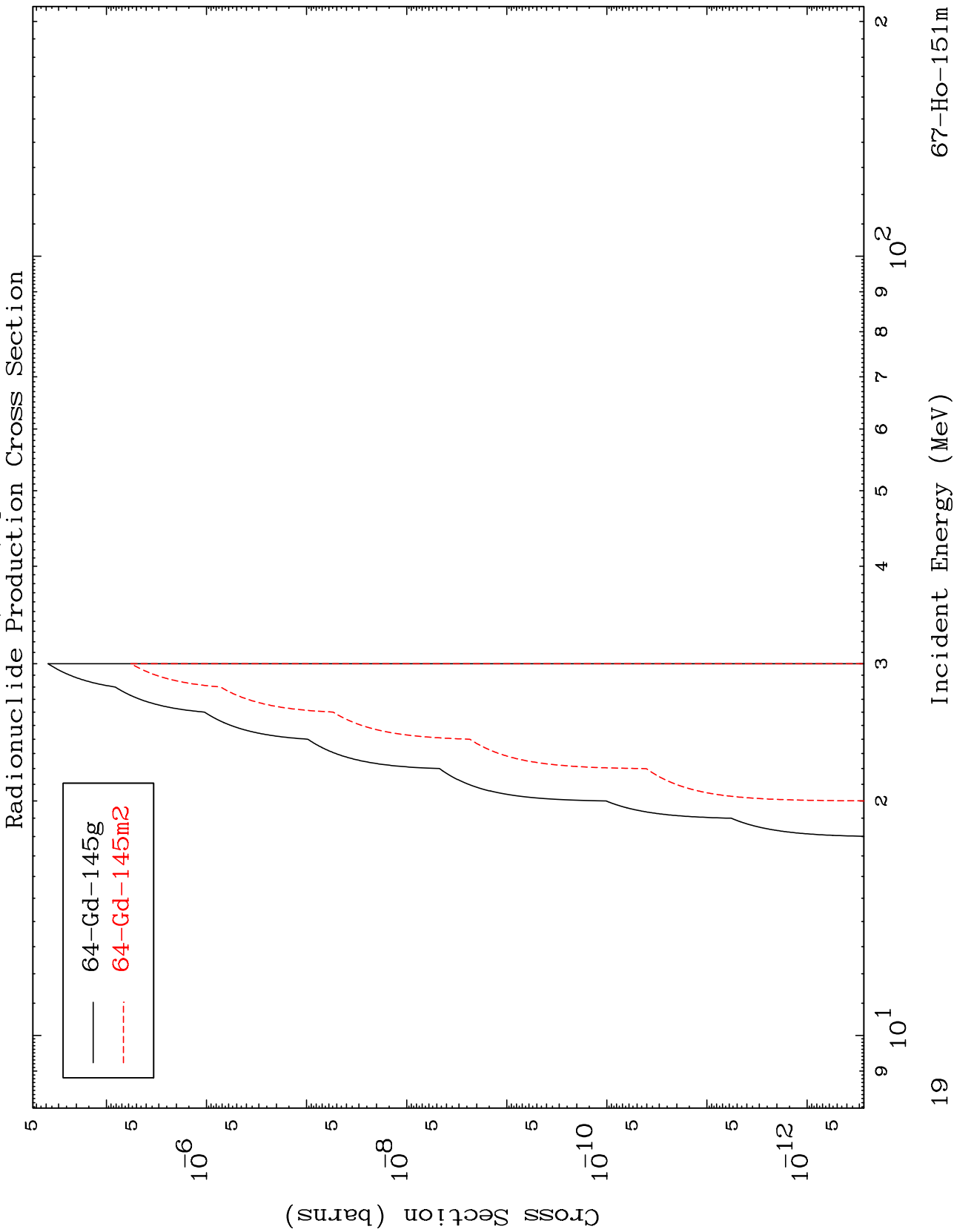
Incident Energy (MeV)

67-Ho-151m

MAT 6684

(n,n') p  $\alpha$

67-Ho-151m

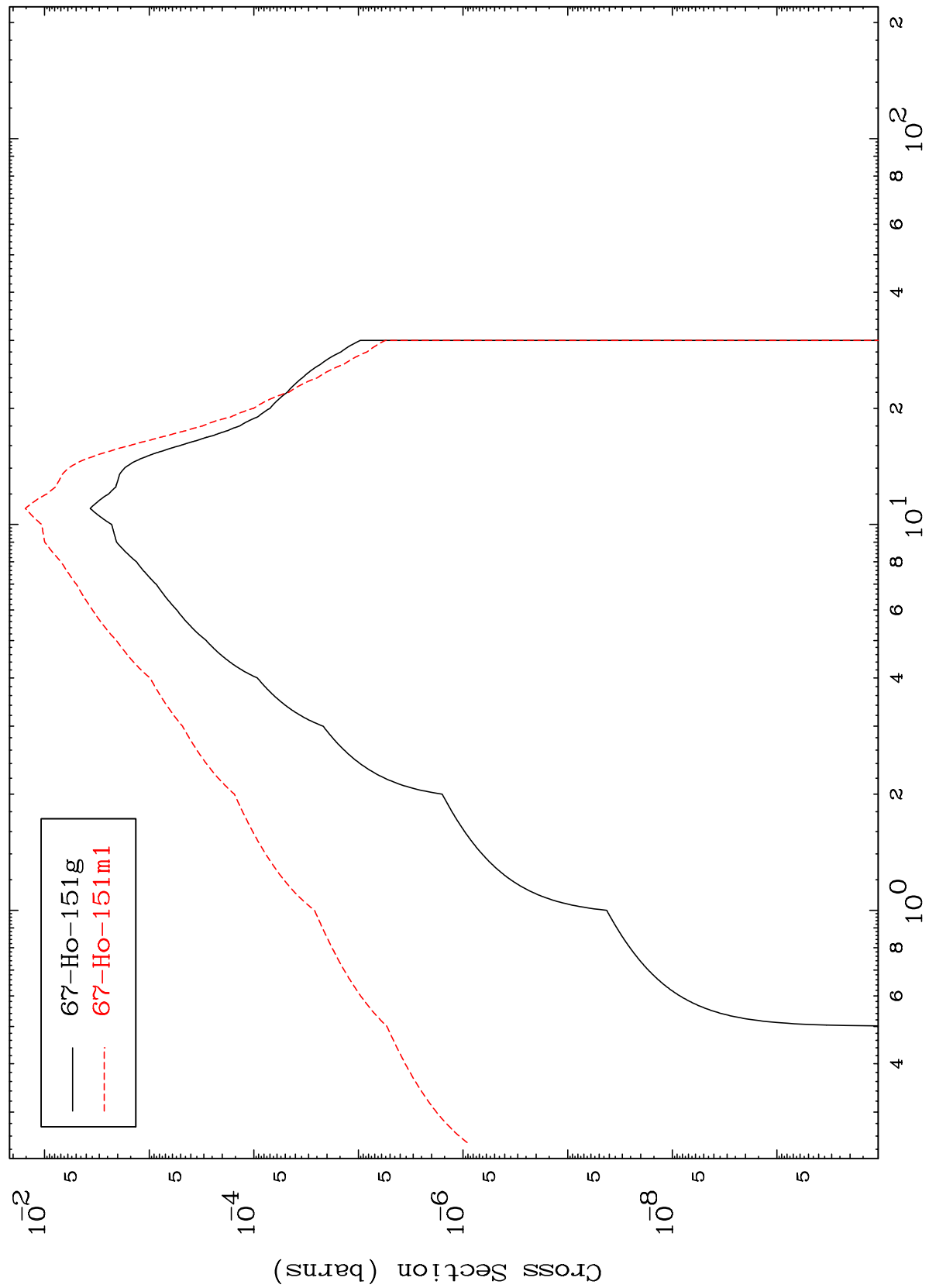


19

MAT 6684

67-Ho-151m

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



20

Incident Energy (MeV)

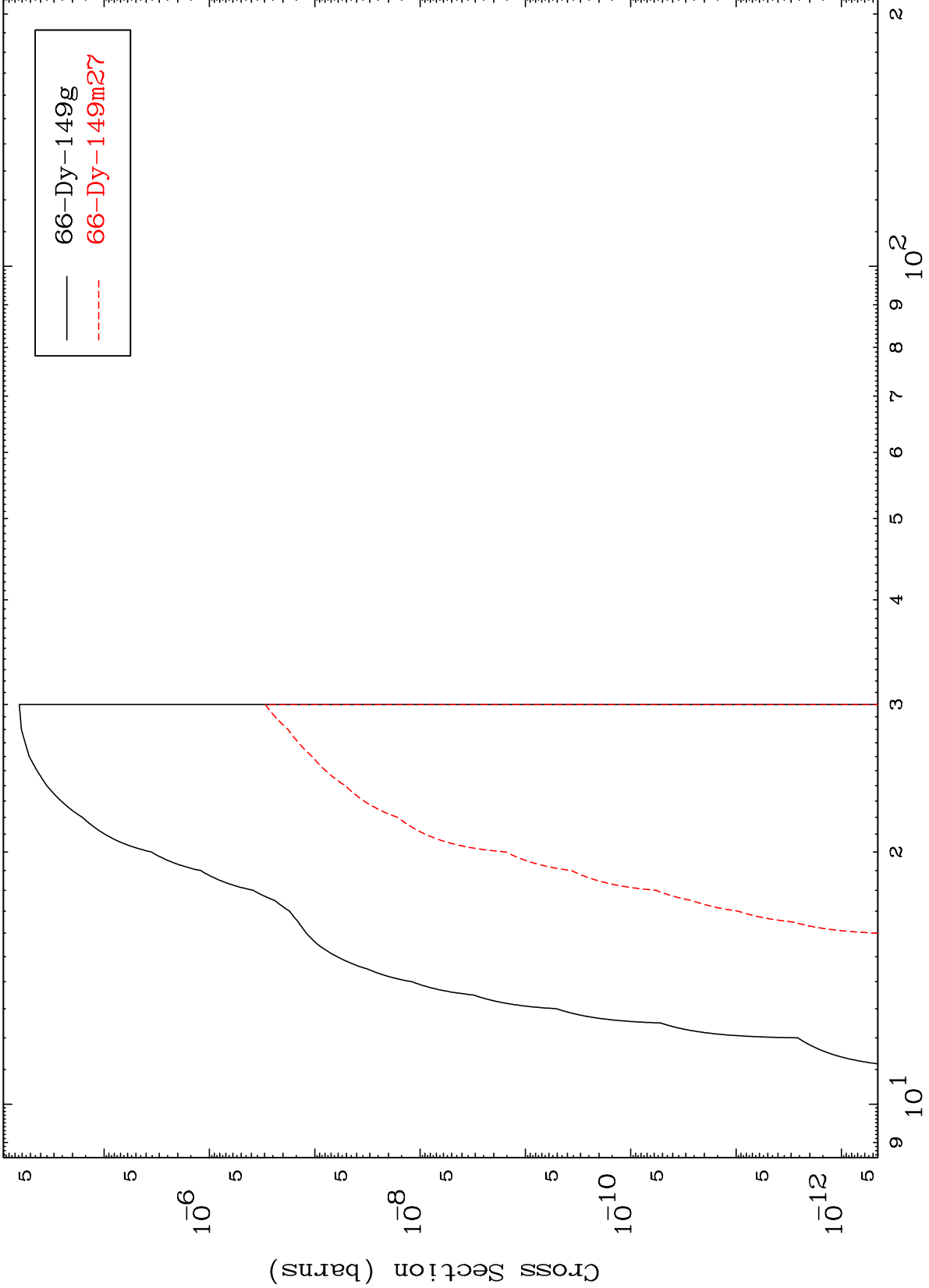
67-Ho-151m

MAT 6684

(n,d)

67-Ho-151m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

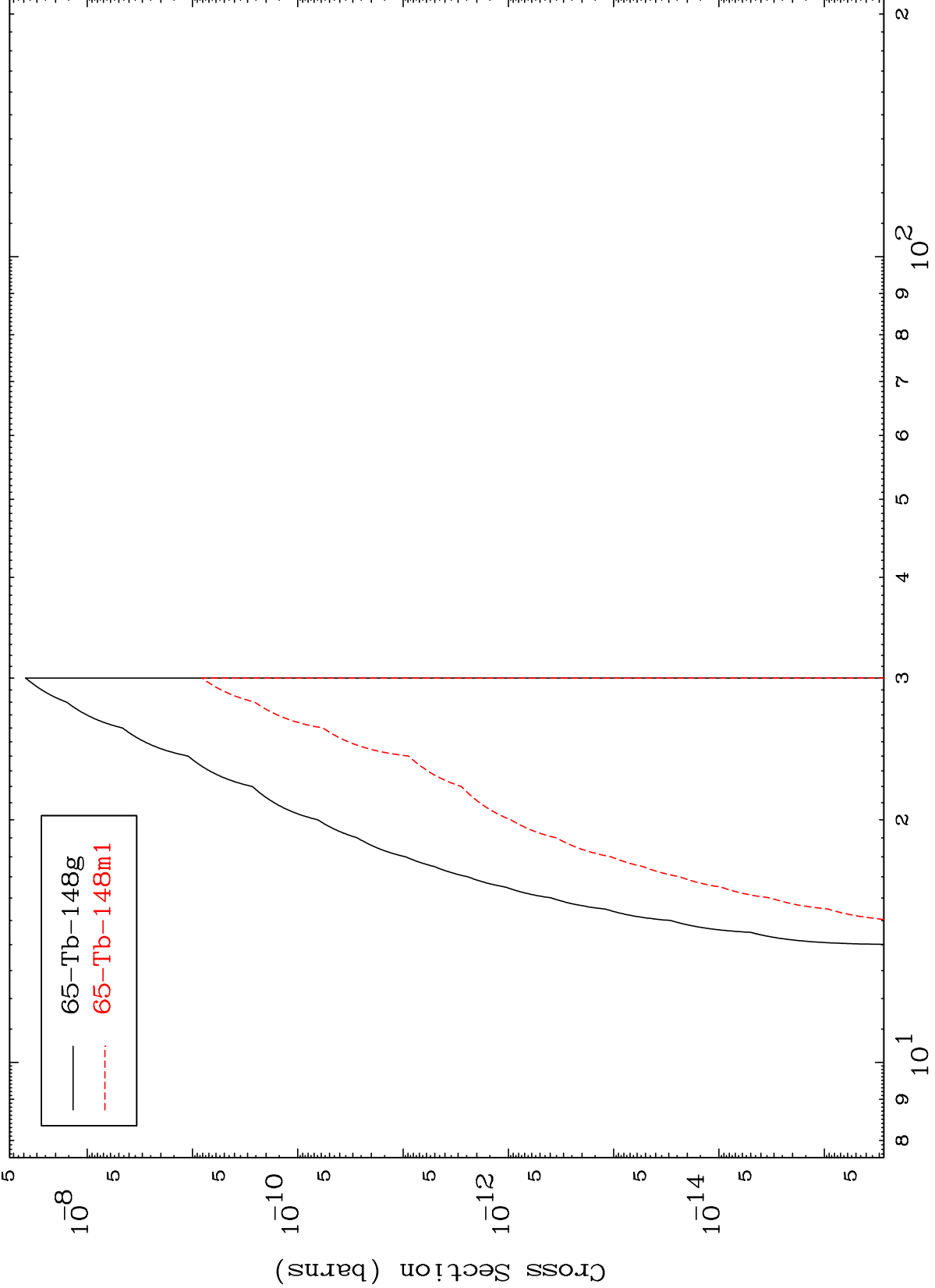
67-Ho-151m

MAT 6684

(n,He-3)

67-Ho-151m

Radionuclide Production Cross Section



65-Tb-148g  
65-Tb-148m1

22

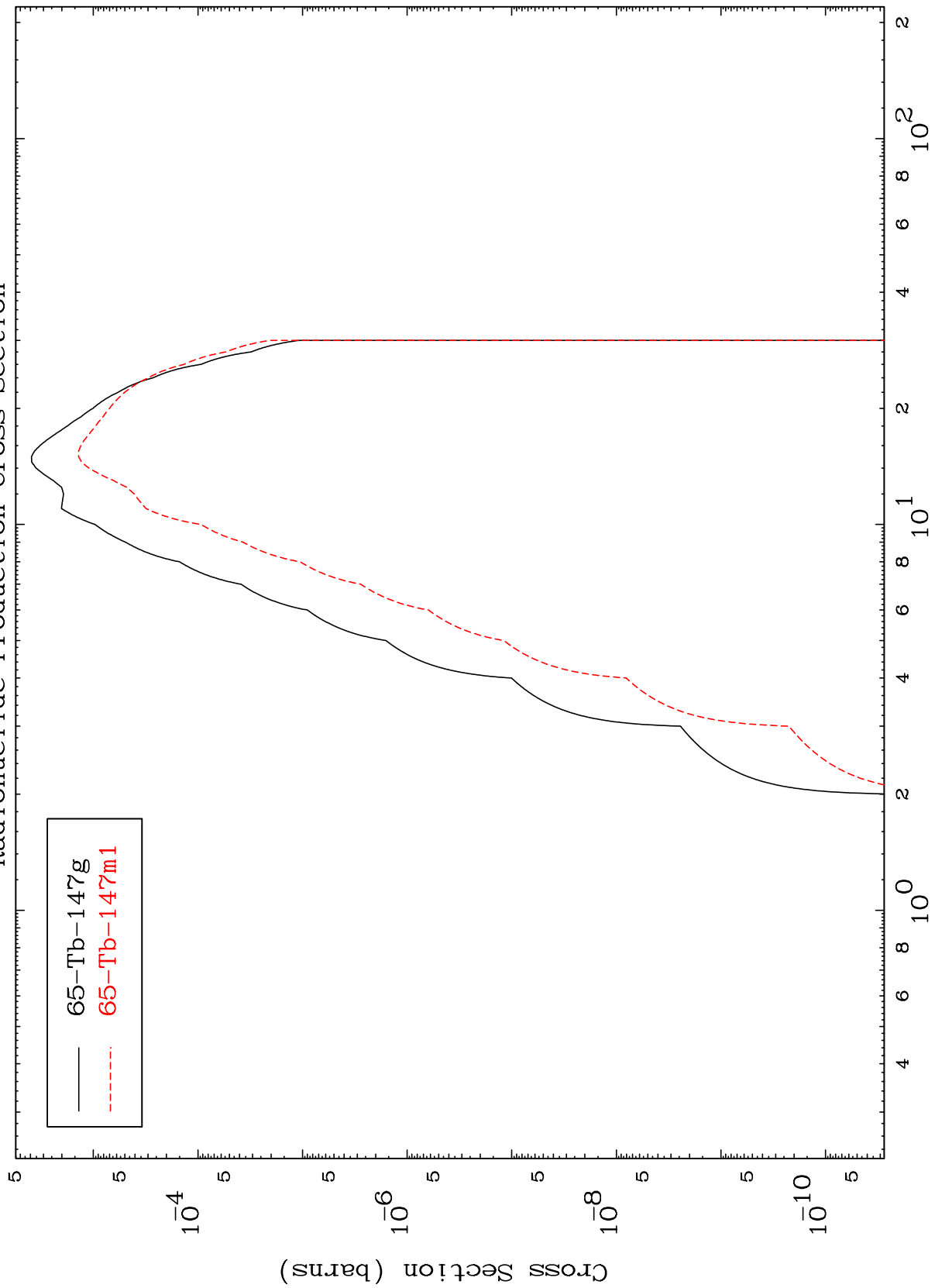
Incident Energy (MeV)

67-Ho-151m

MAT 6684

67-Ho-151m

Radionuclide Production Cross Section



67-Ho-151m

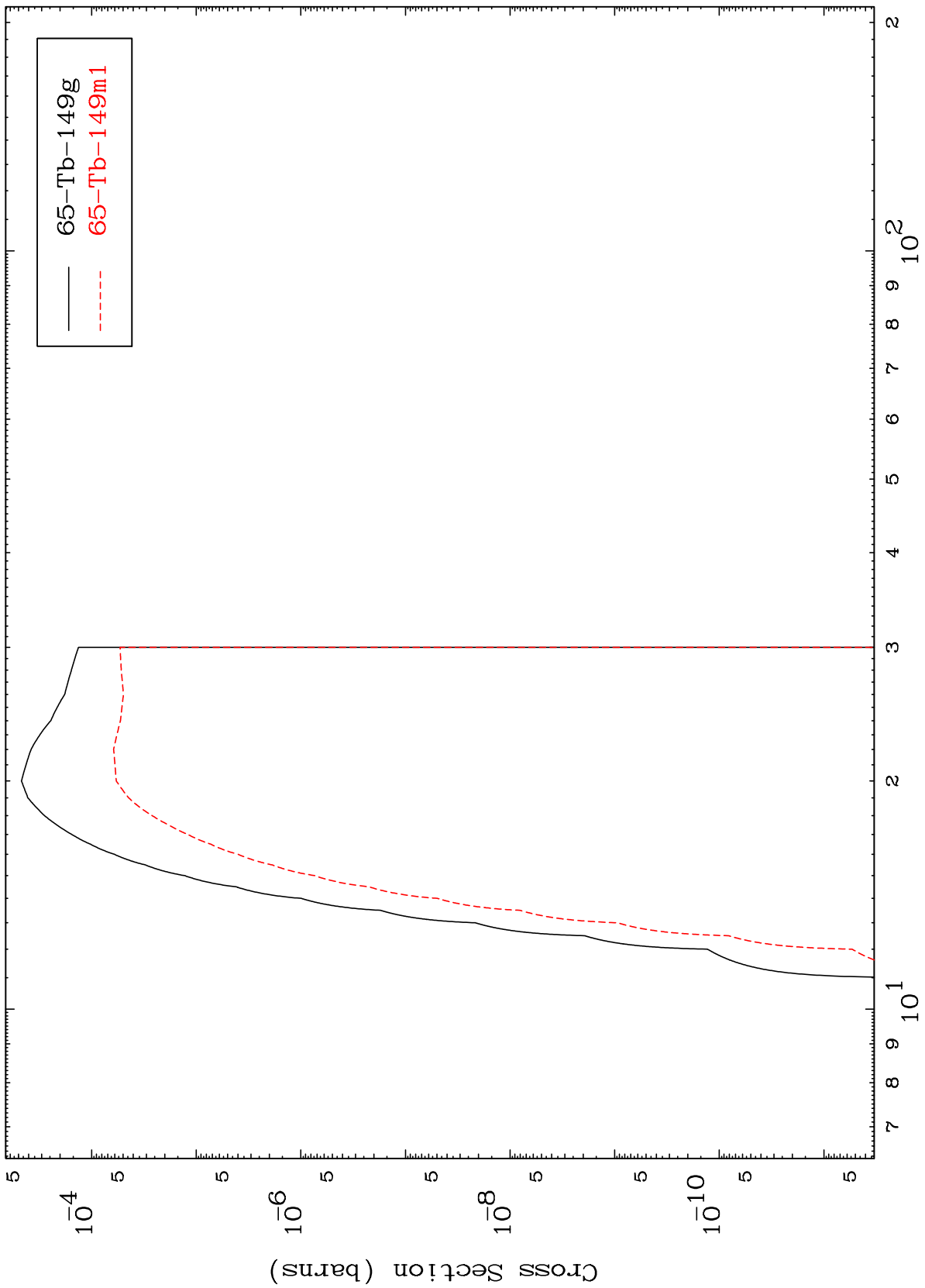
Incident Energy (MeV)



MAT 6684

67-Ho-151m

(n,2p)  
Radionuclide Production Cross Section



24

Incident Energy (MeV)

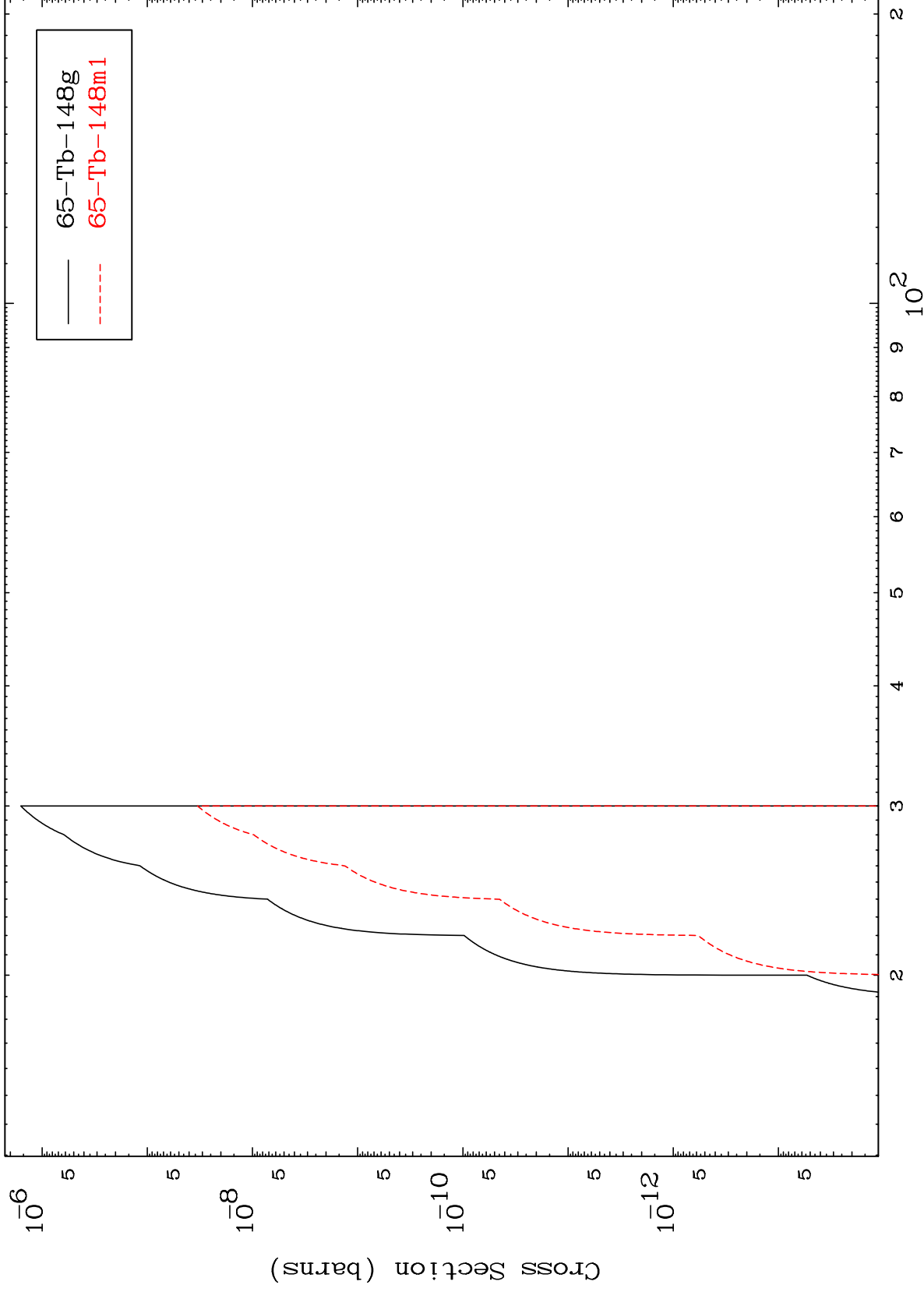
67-Ho-151m

MAT 6684

(n,p) d

67-Ho-151m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

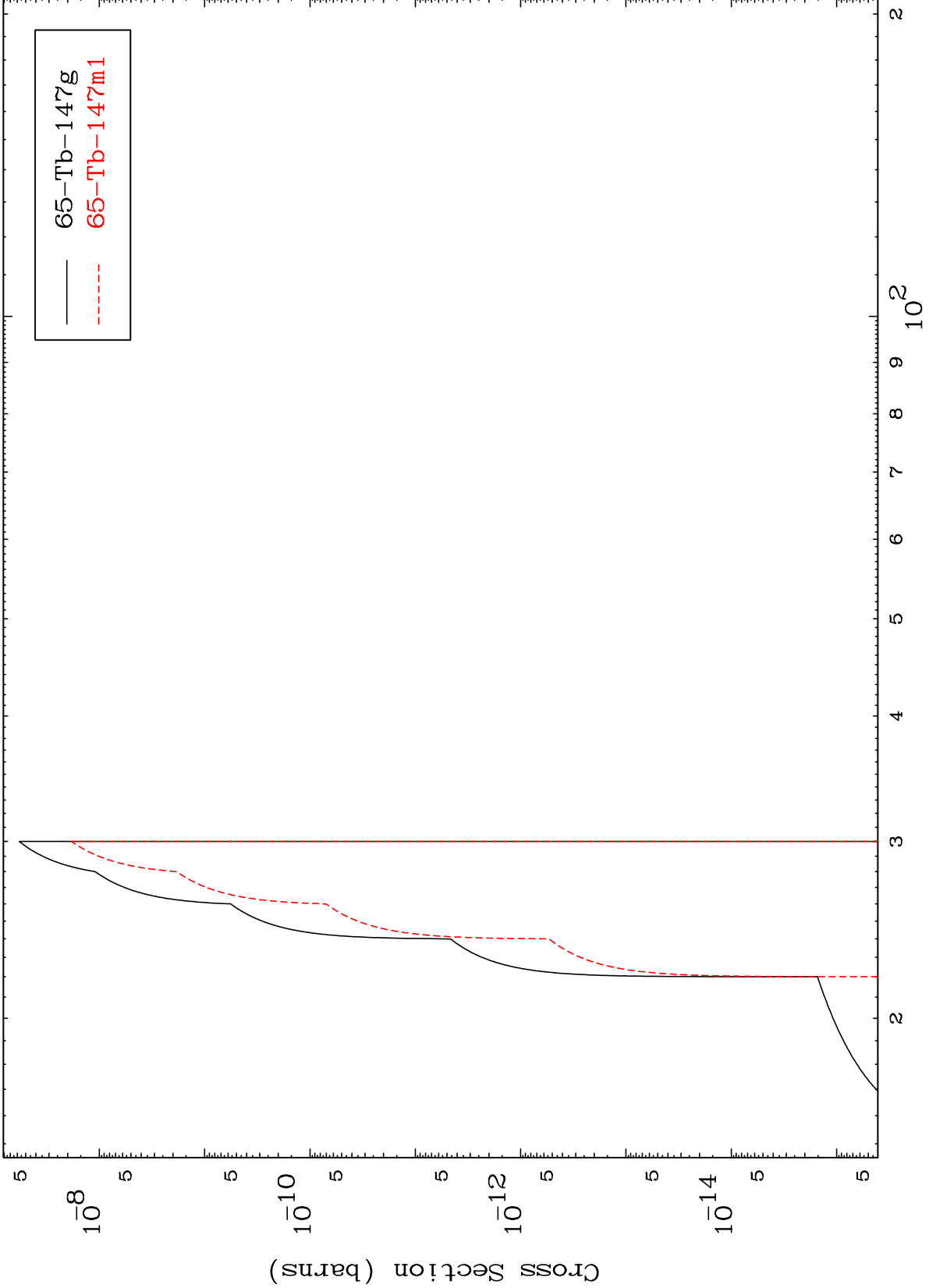
67-Ho-151m

MAT 6684

(n,p) t

67-Ho-151m

Radionuclide Production Cross Section



65-Tb-147g  
65-Tb-147m1

26

Incident Energy (MeV)

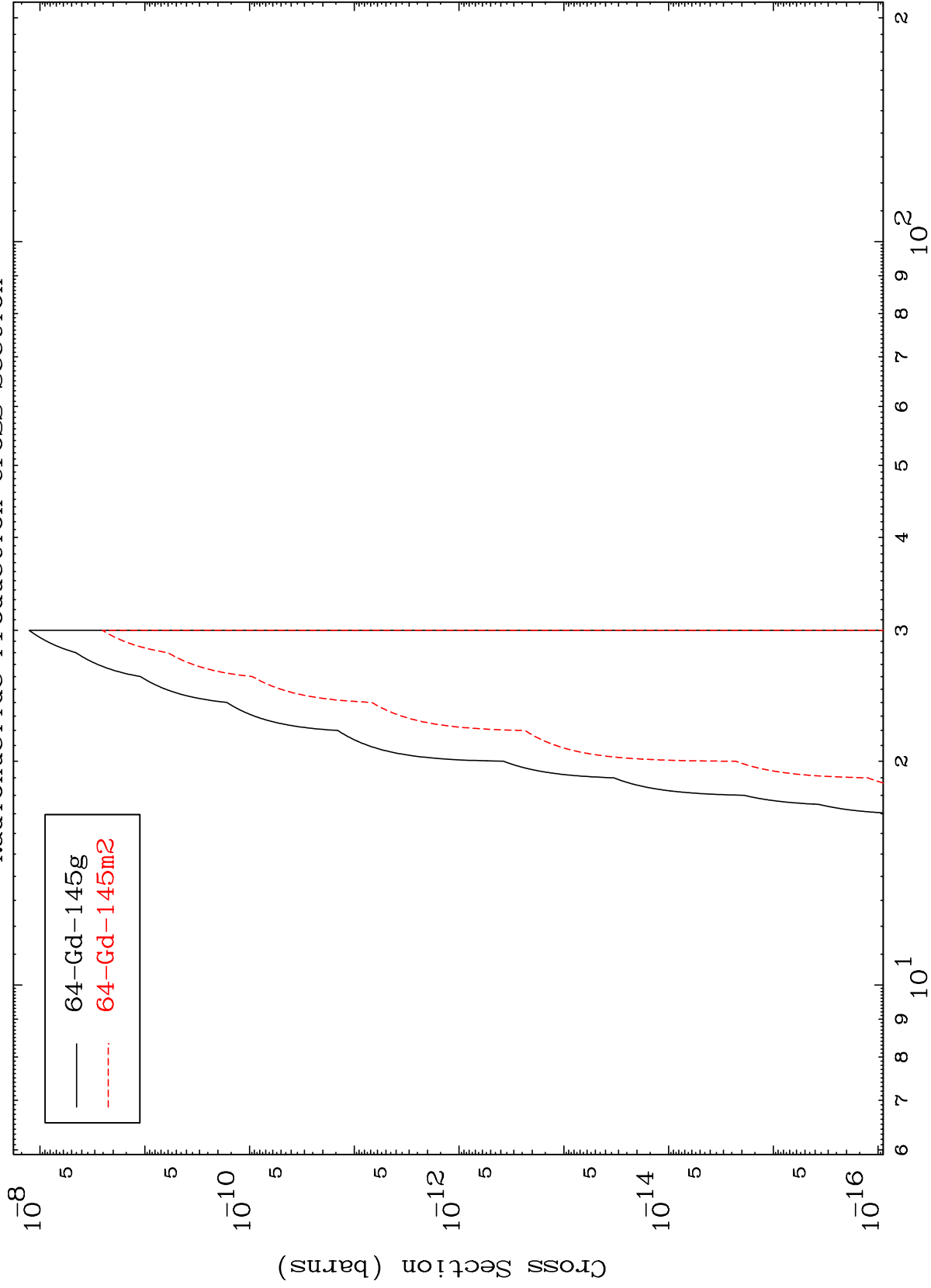
67-Ho-151m

MAT 6684

(n,d)  $\alpha$

67-Ho-151m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

67-Ho-151m