

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

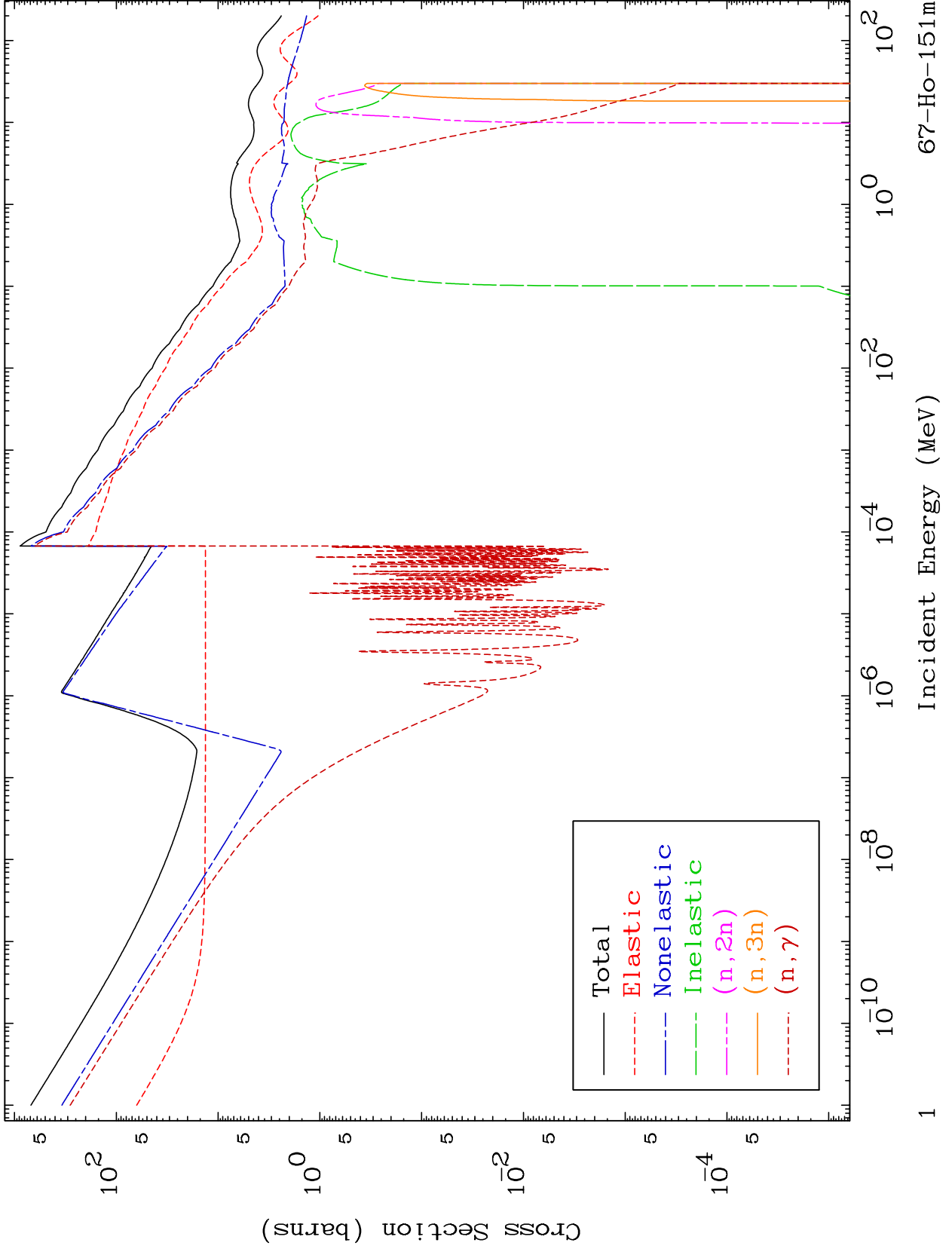
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6684

Neutron Major  
293 Kelvin Cross Sections

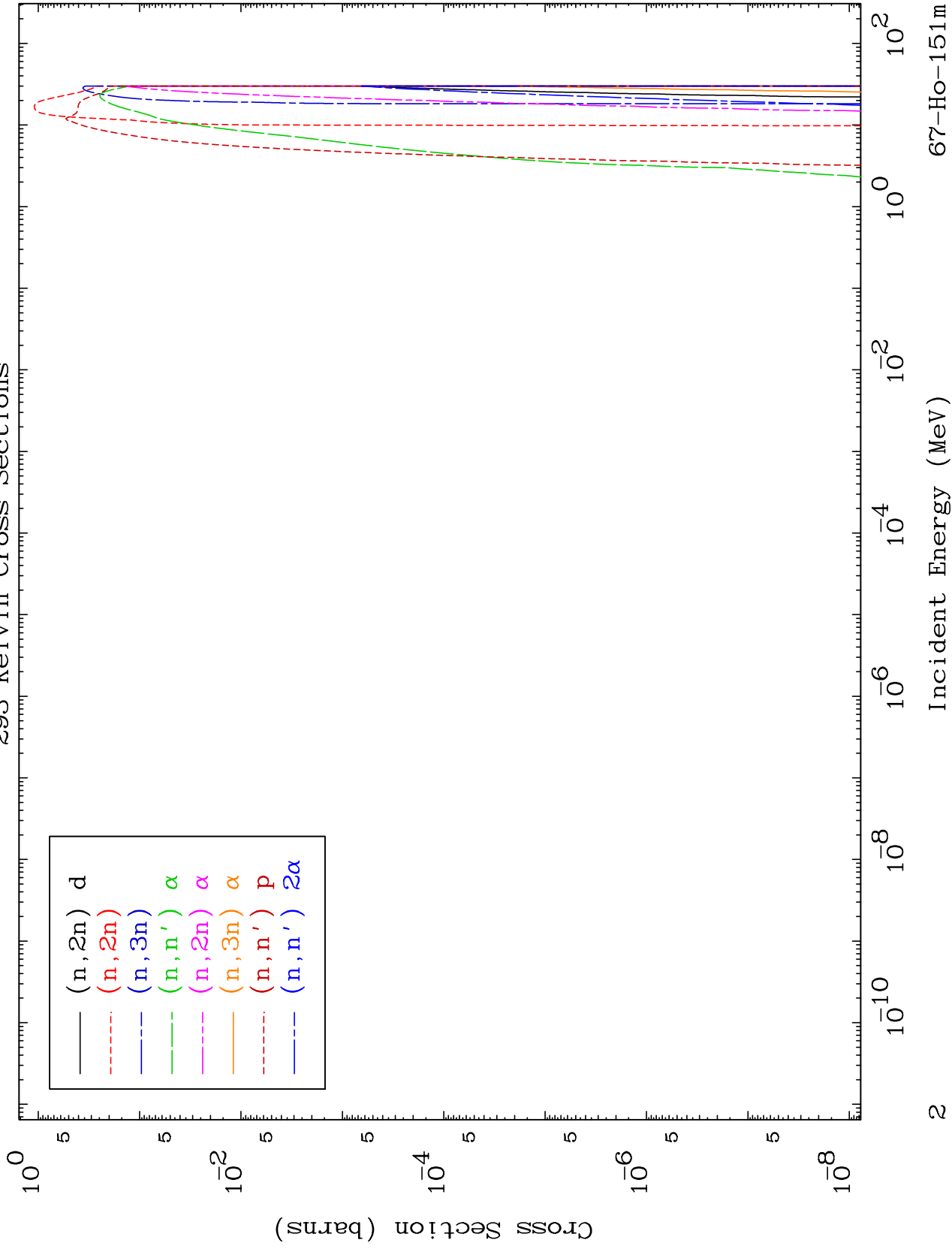
67-Ho-151m



MAT 6684

Neutron Absorption  
293 Kelvin Cross Sections

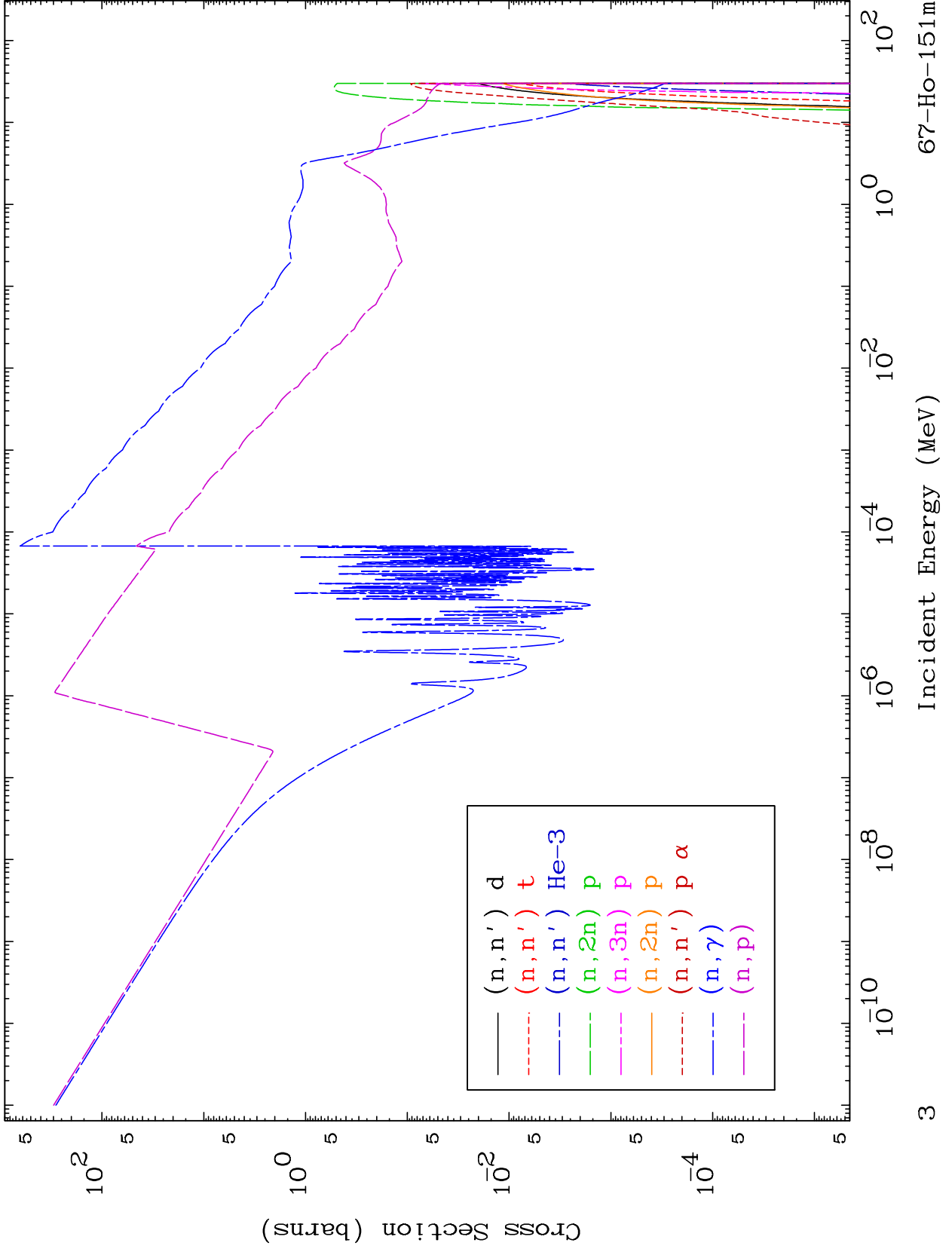
67-Ho-151m



MAT 6684

Neutron Absorption  
293 Kelvin Cross Sections

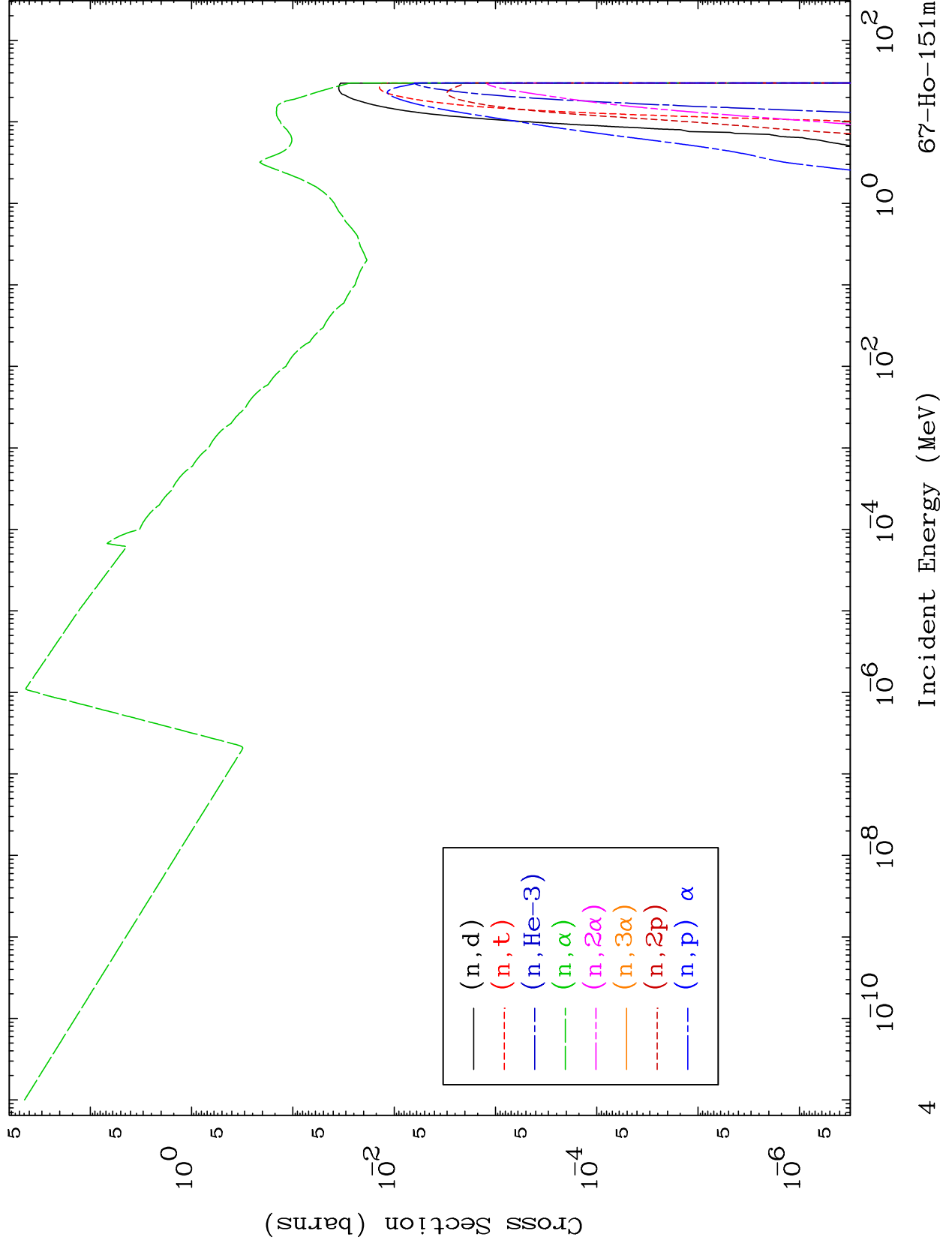
67-Ho-151m



MAT 6684

Neutron Absorption  
293 Kelvin Cross Sections

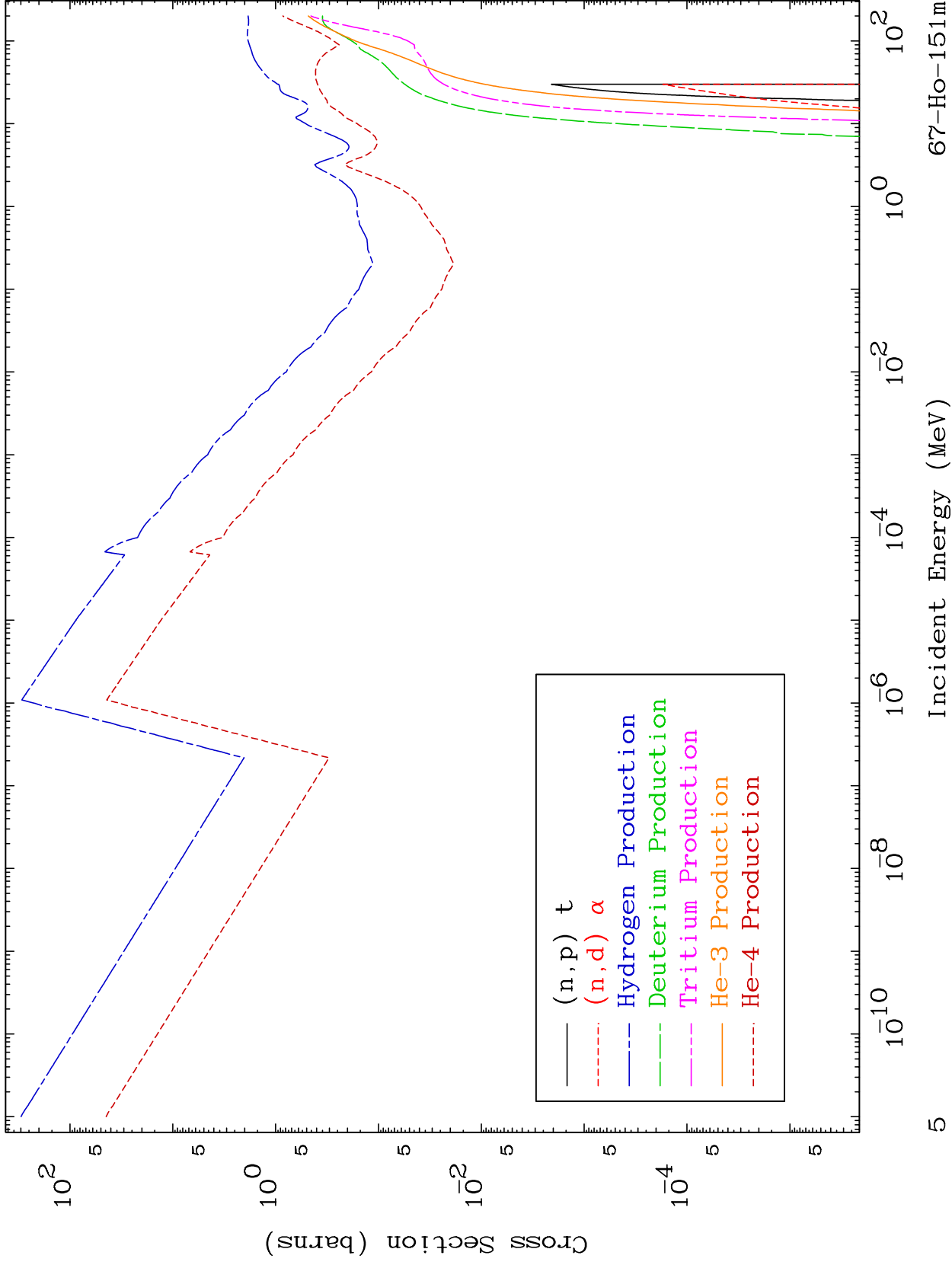
67-Ho-151m



MAT 6684

Neutron Absorption  
293 Kelvin Cross Sections

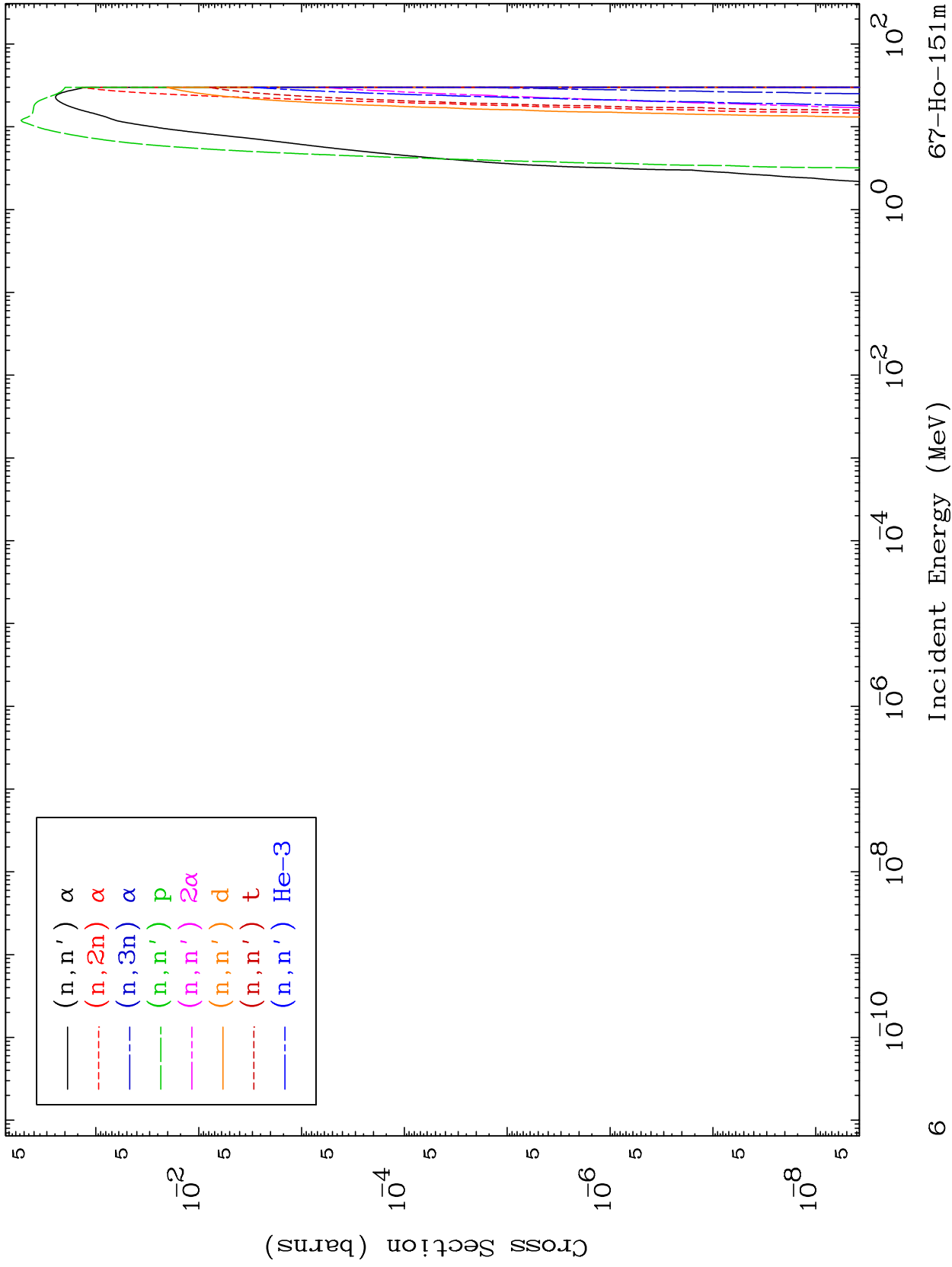
67-Ho-151m



MAT 6684

Charged Particle  
293 Kelvin Cross Sections

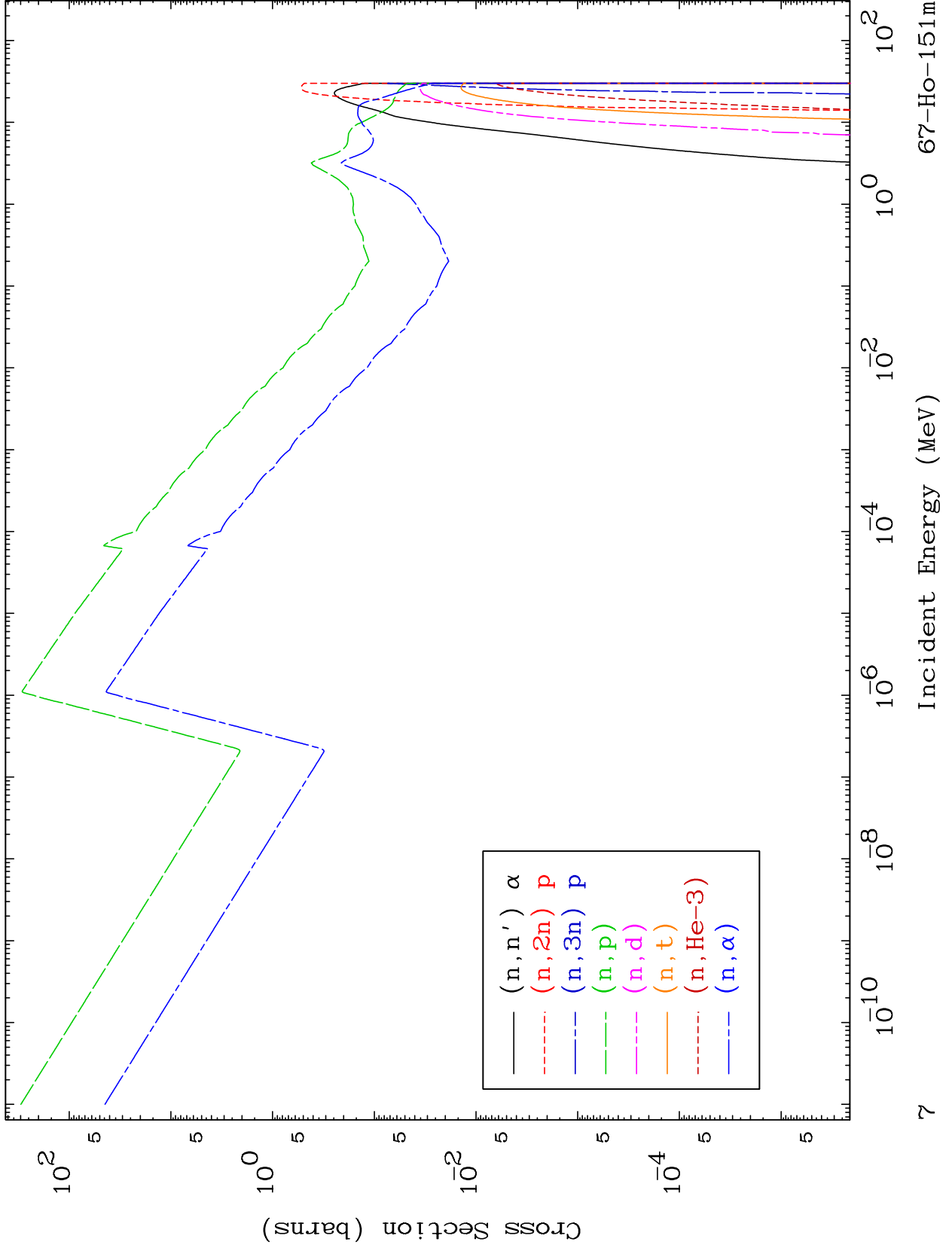
67-Ho-151m



MAT 6684

Charged Particle  
293 Kelvin Cross Sections

67-Ho-151m

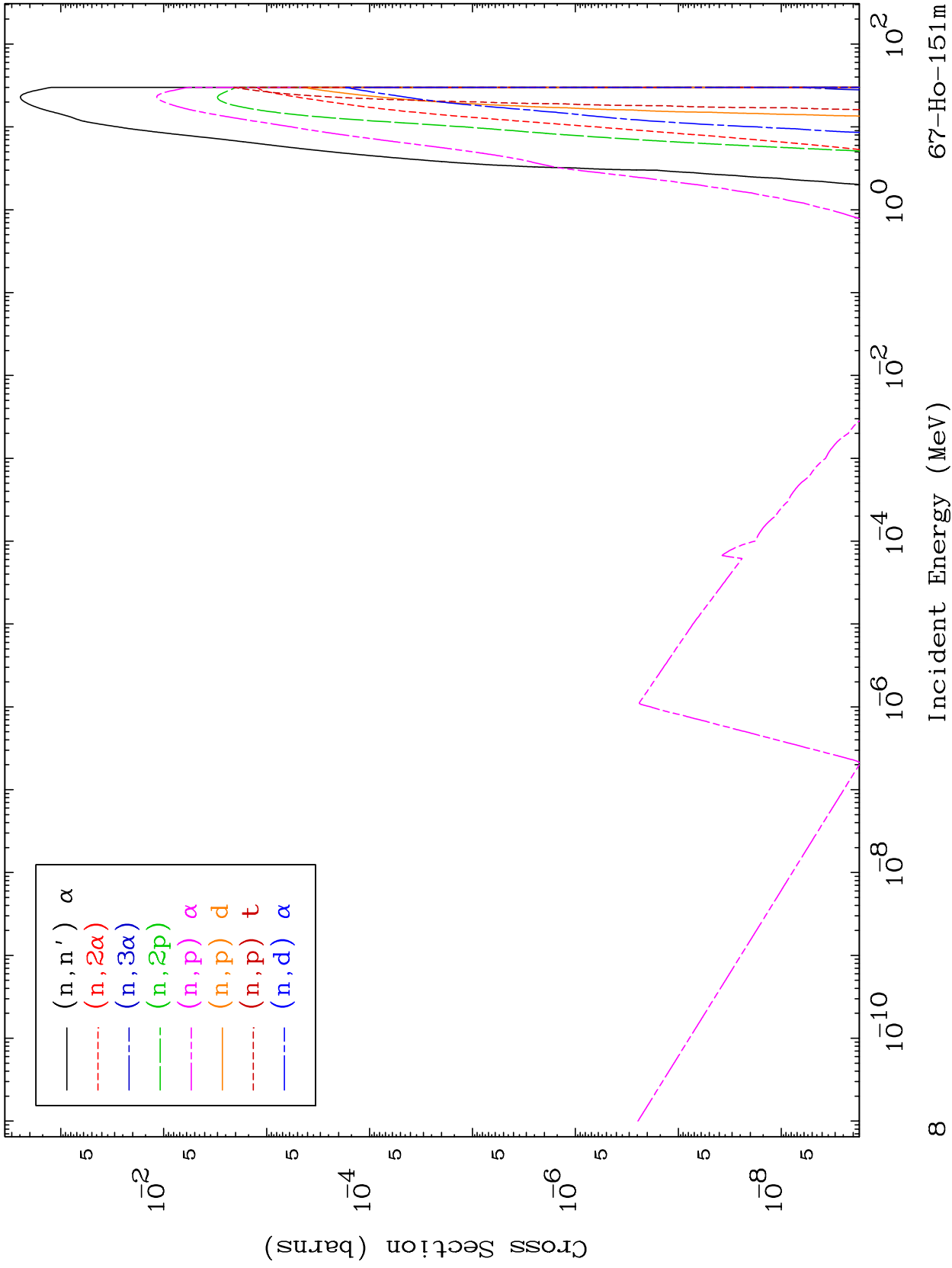




MAT 6684

Charged Particle  
293 Kelvin Cross Sections

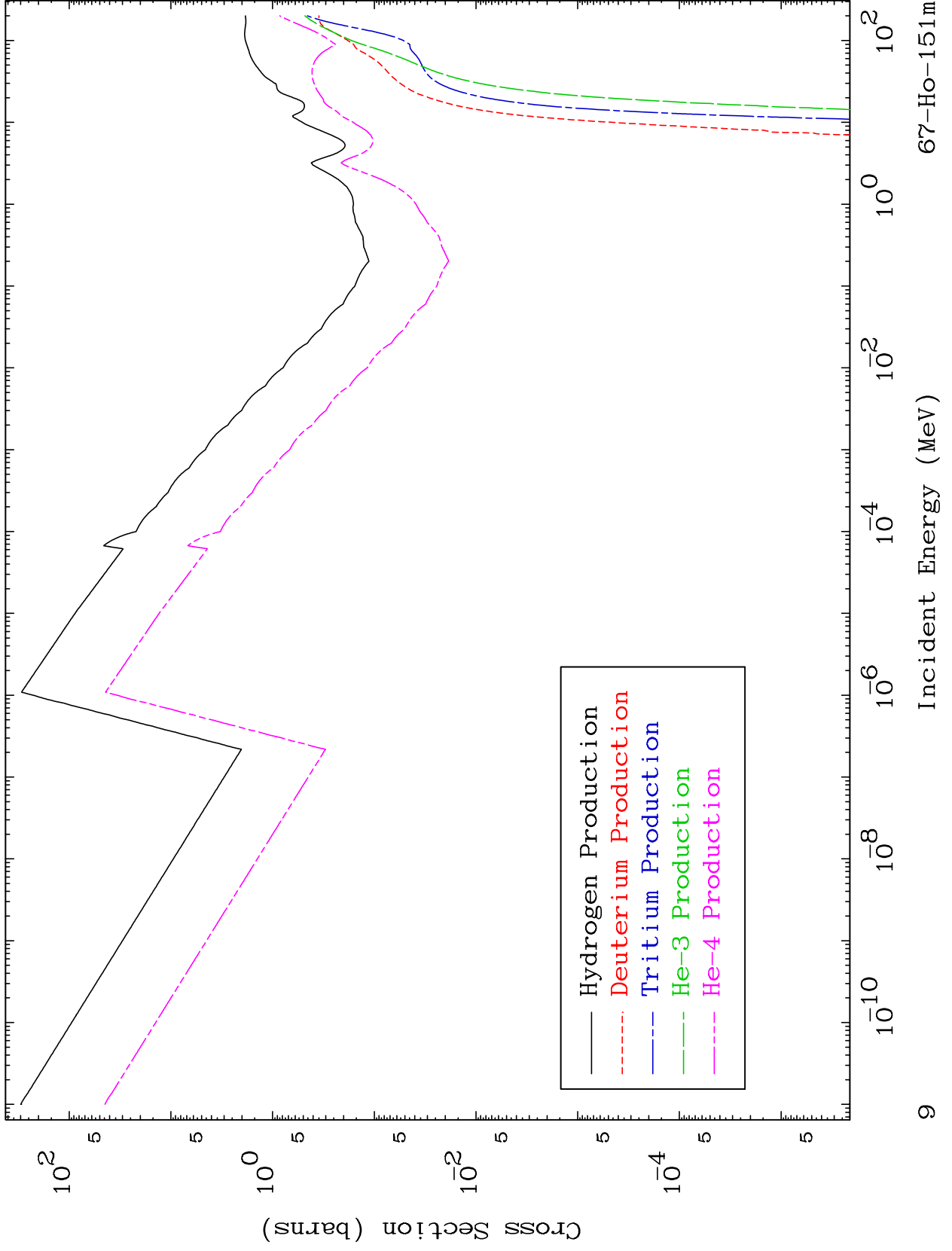
67-Ho-151m



MAT 6684

Particle Production  
293 Kelvin Cross Sections

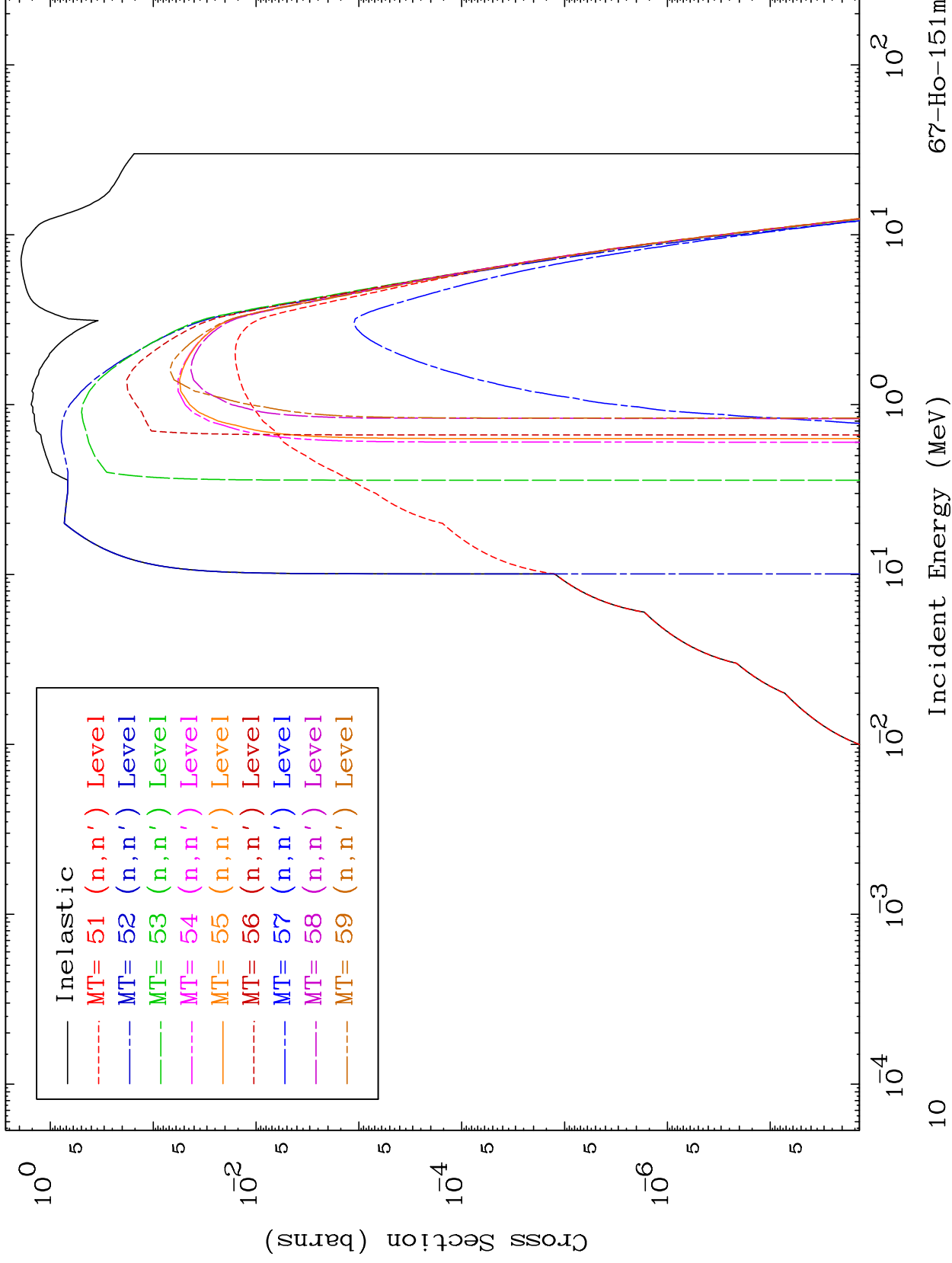
67-Ho-151m



MAT 6684

293 Kelvin Cross Sections  
(n,n') Levels

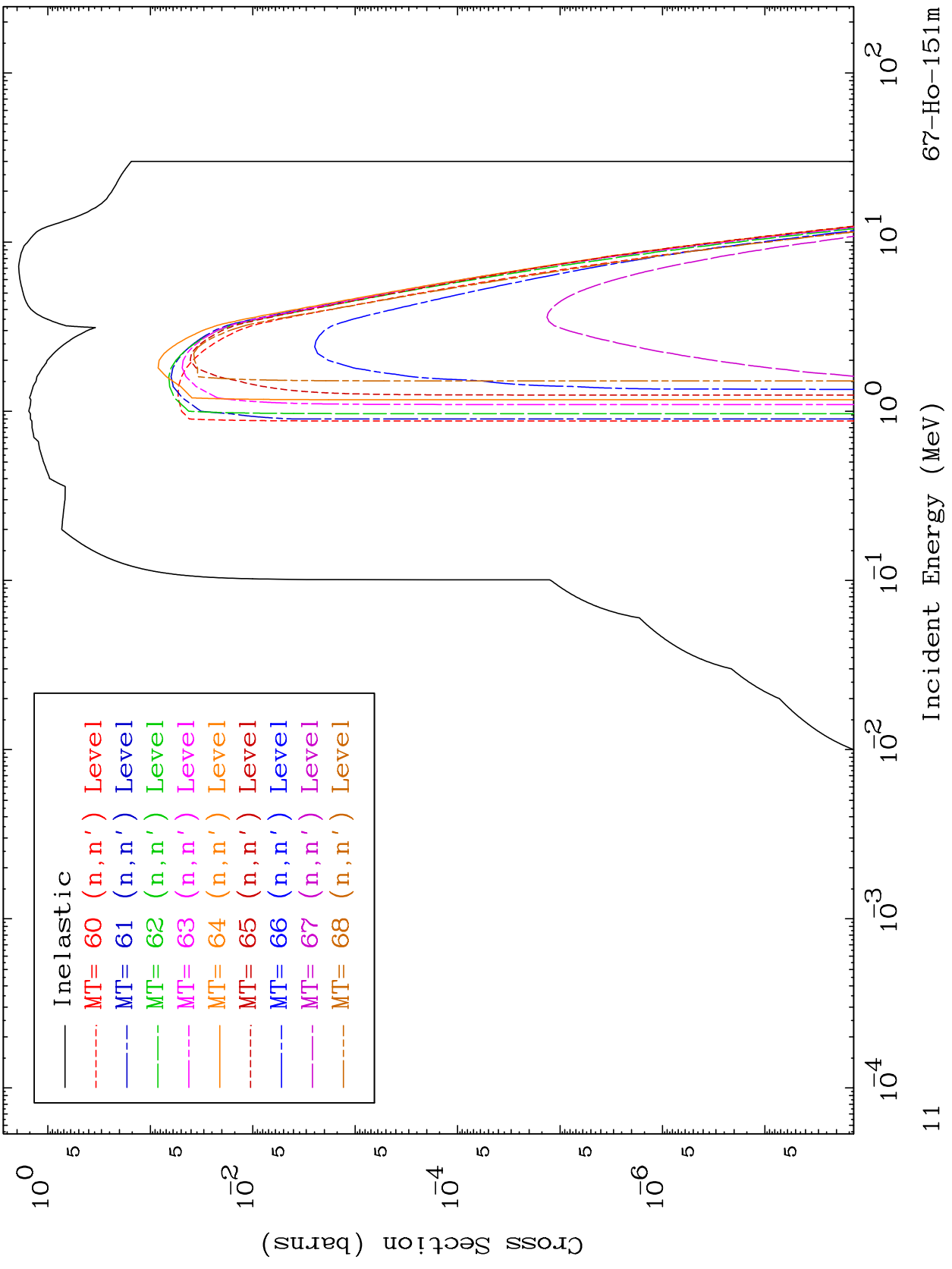
67-Ho-151m



MAT 6684

293 Kelvin Cross Sections  
(n,n') Levels

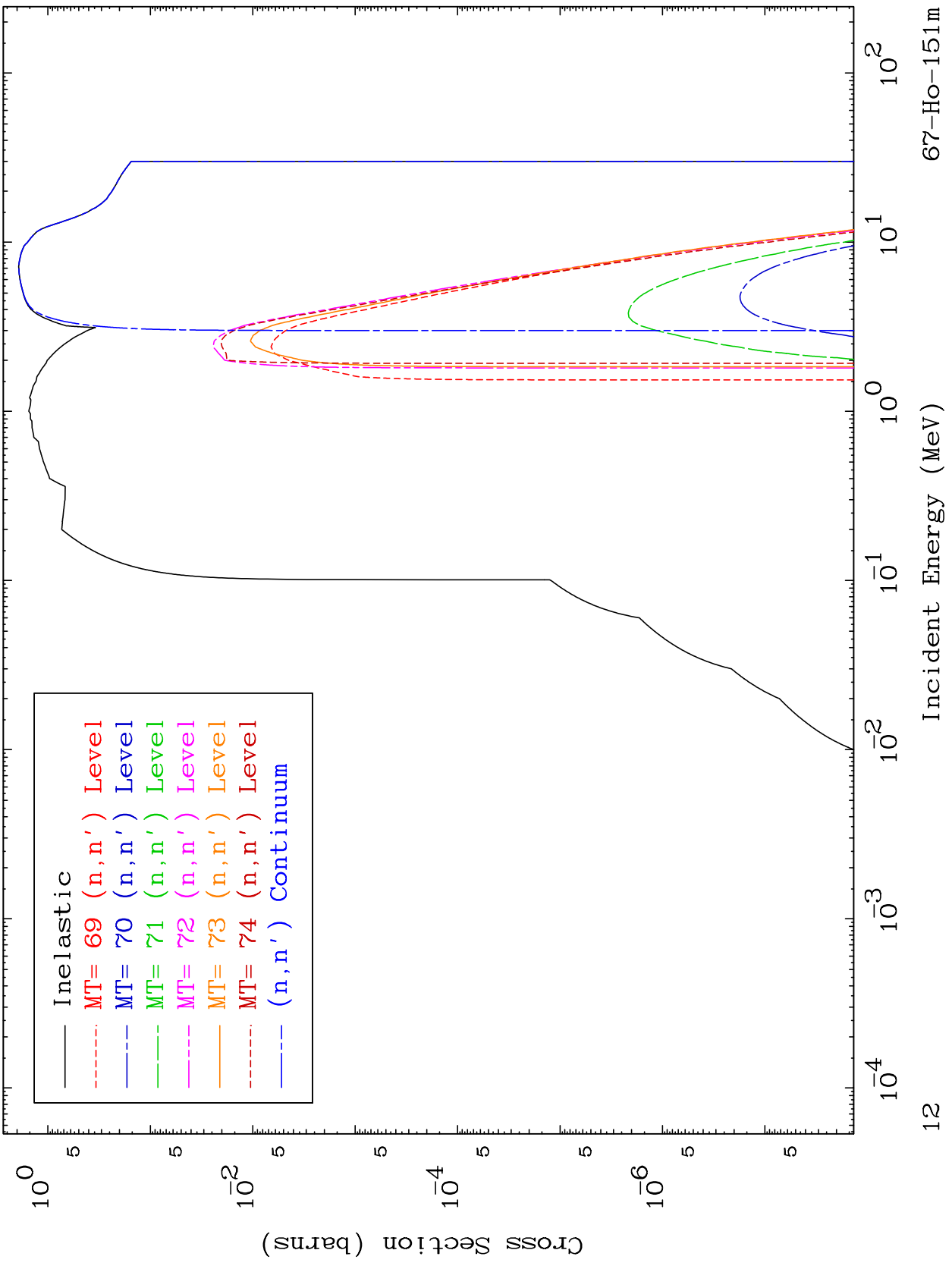
67-Ho-151m



MAT 6684

293 Kelvin Cross Sections

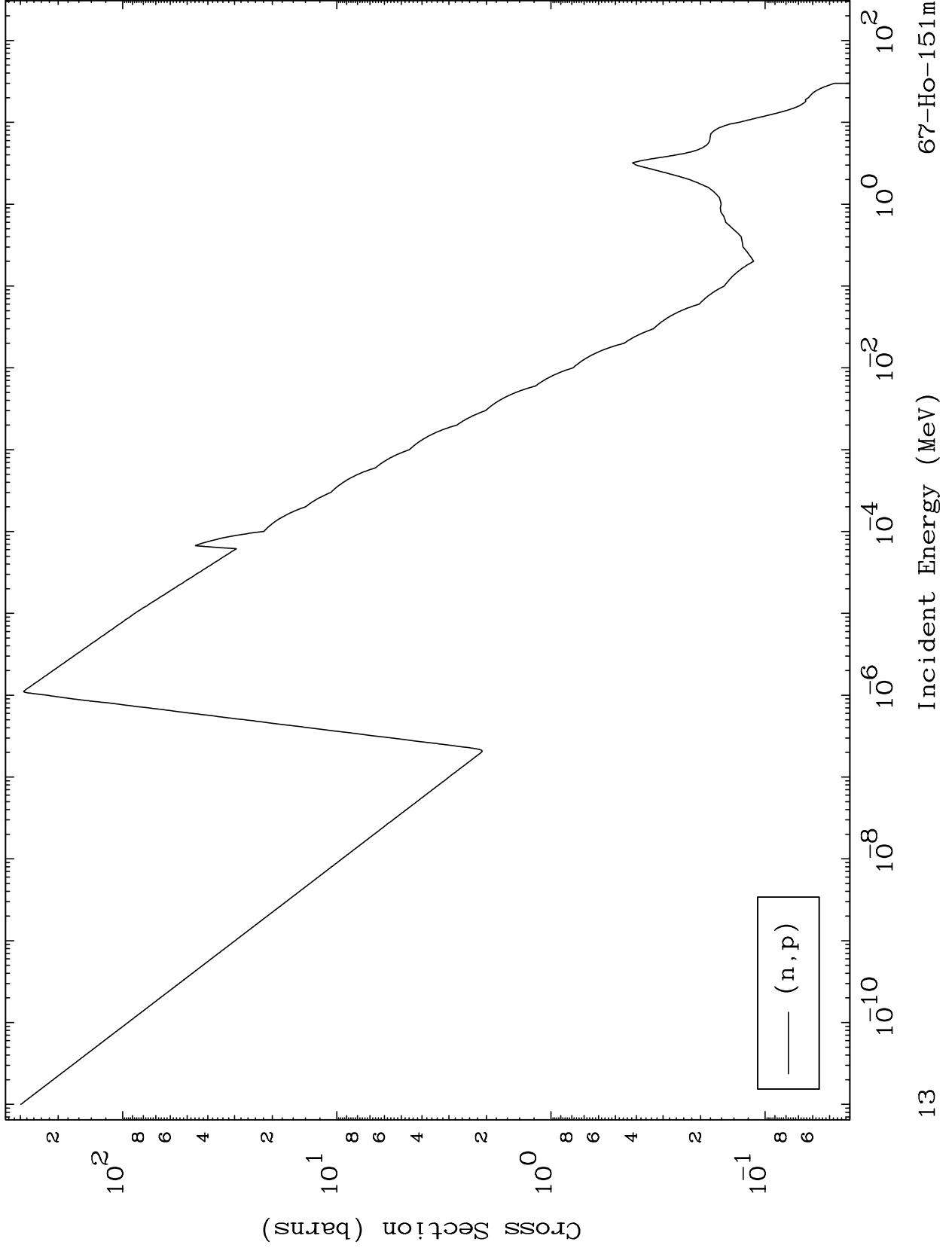
67-Ho-151m



MAT 6684

(n,p) Levels  
293 Kelvin Cross Sections

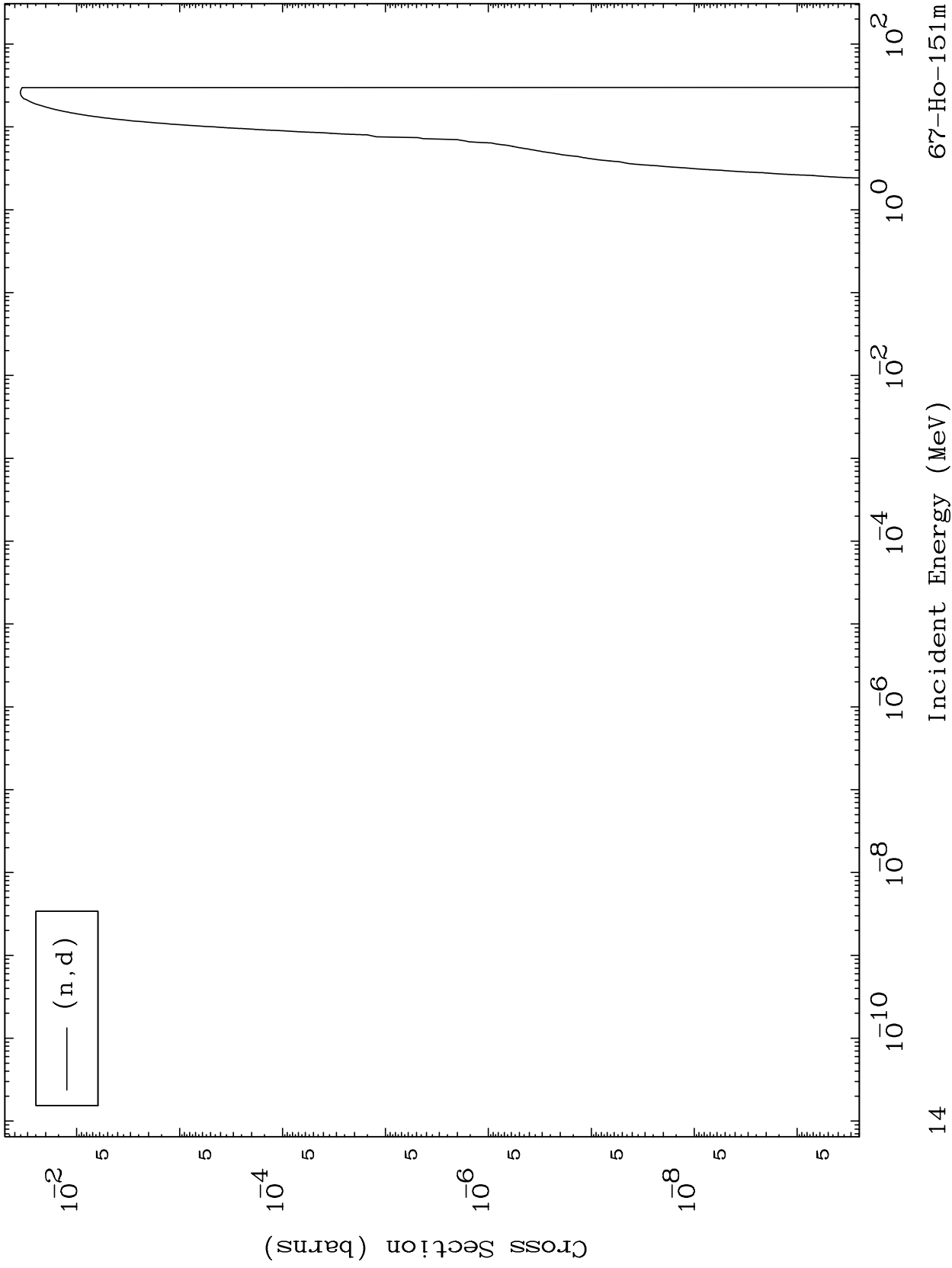
67-Ho-151m



MAT 6684

(n,d) Levels  
293 Kelvin Cross Sections

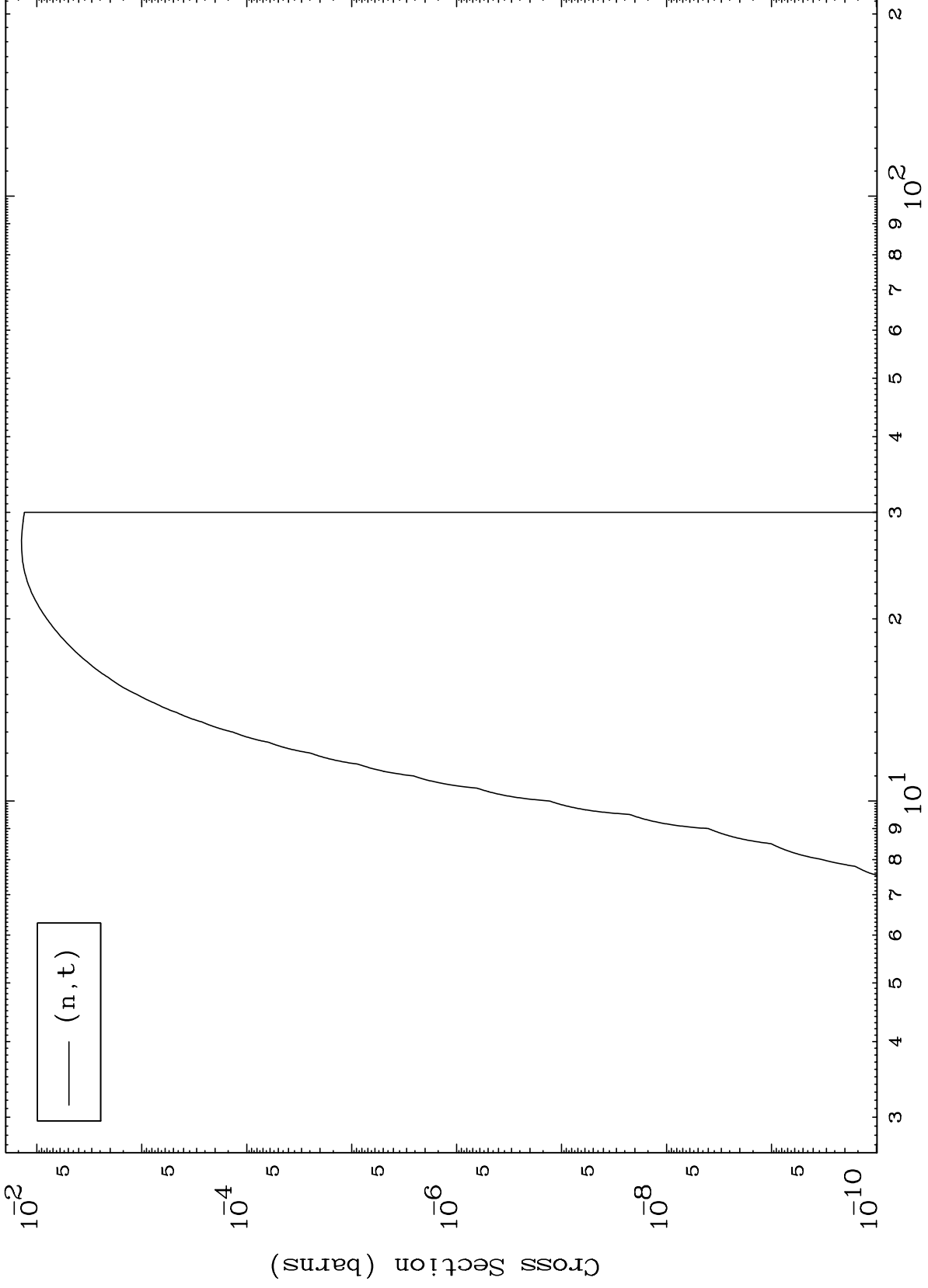
67-Ho-151m



MAT 6684

(n,t) Levels  
293 Kelvin Cross Sections

67-Ho-151m



15

Incident Energy (MeV)

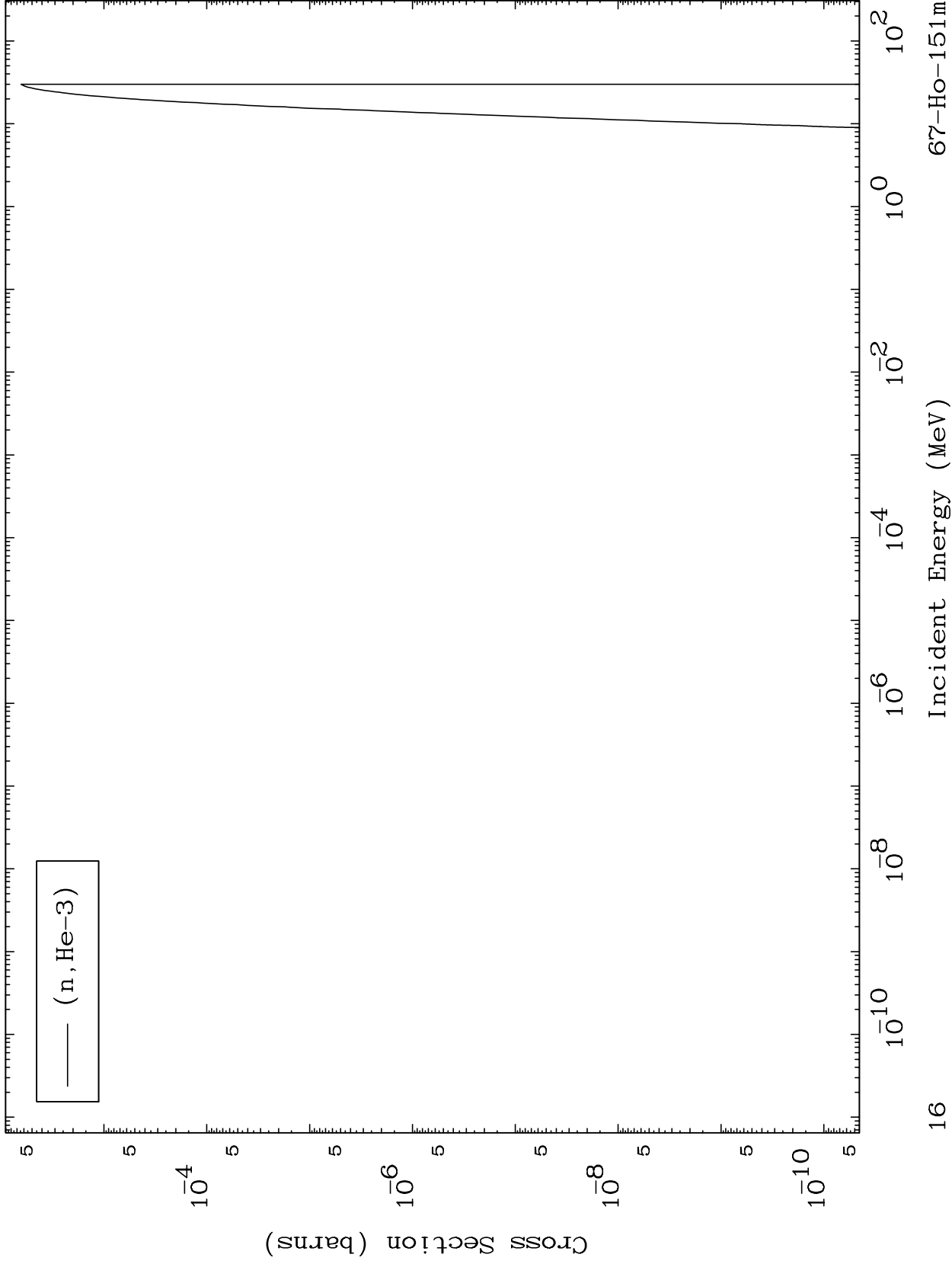
67-Ho-151m



MAT 6684

(n,He3) Levels  
293 Kelvin Cross Sections

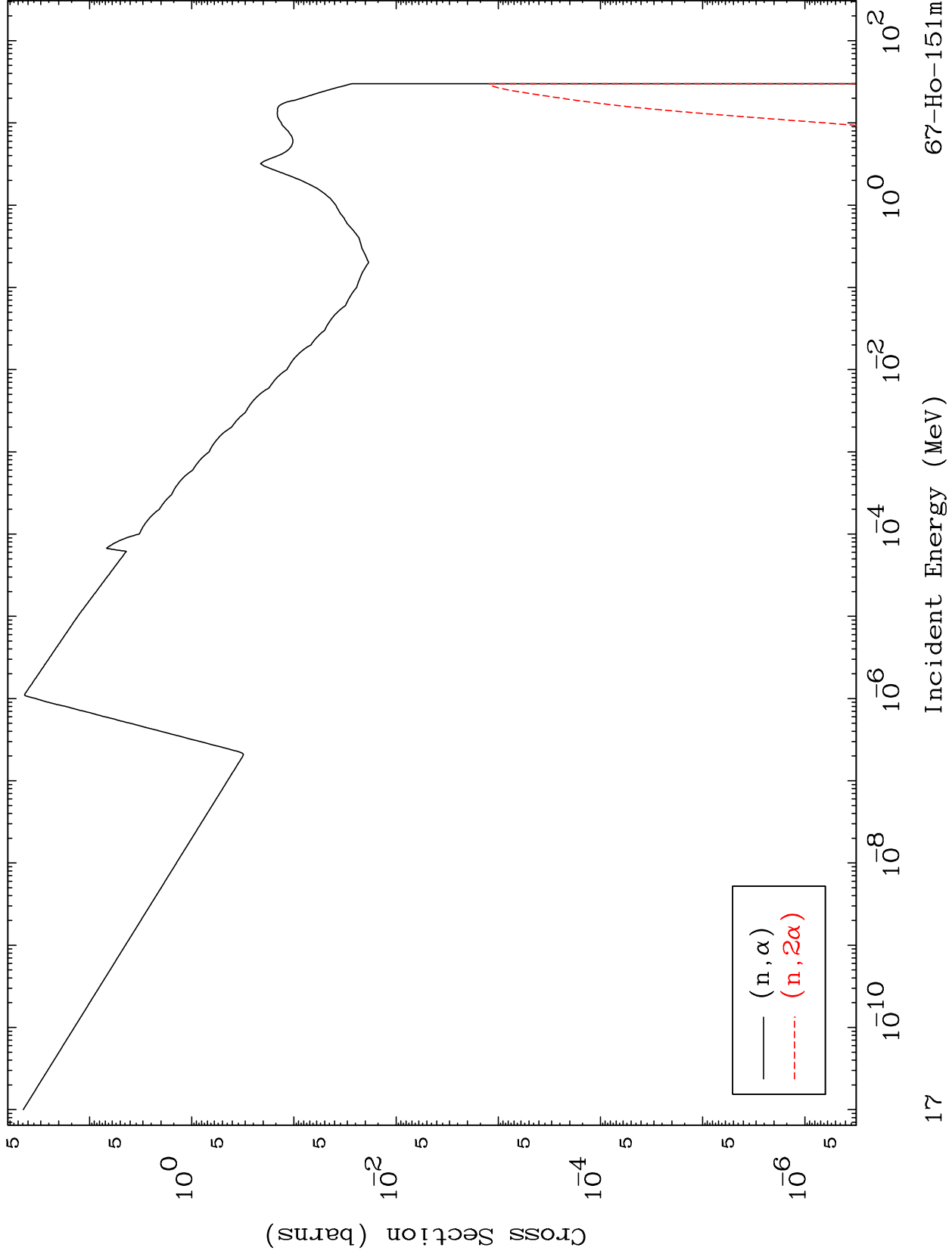
67-Ho-151m



MAT 6684

(n,α) Levels  
293 Kelvin Cross Sections

67-Ho-151m

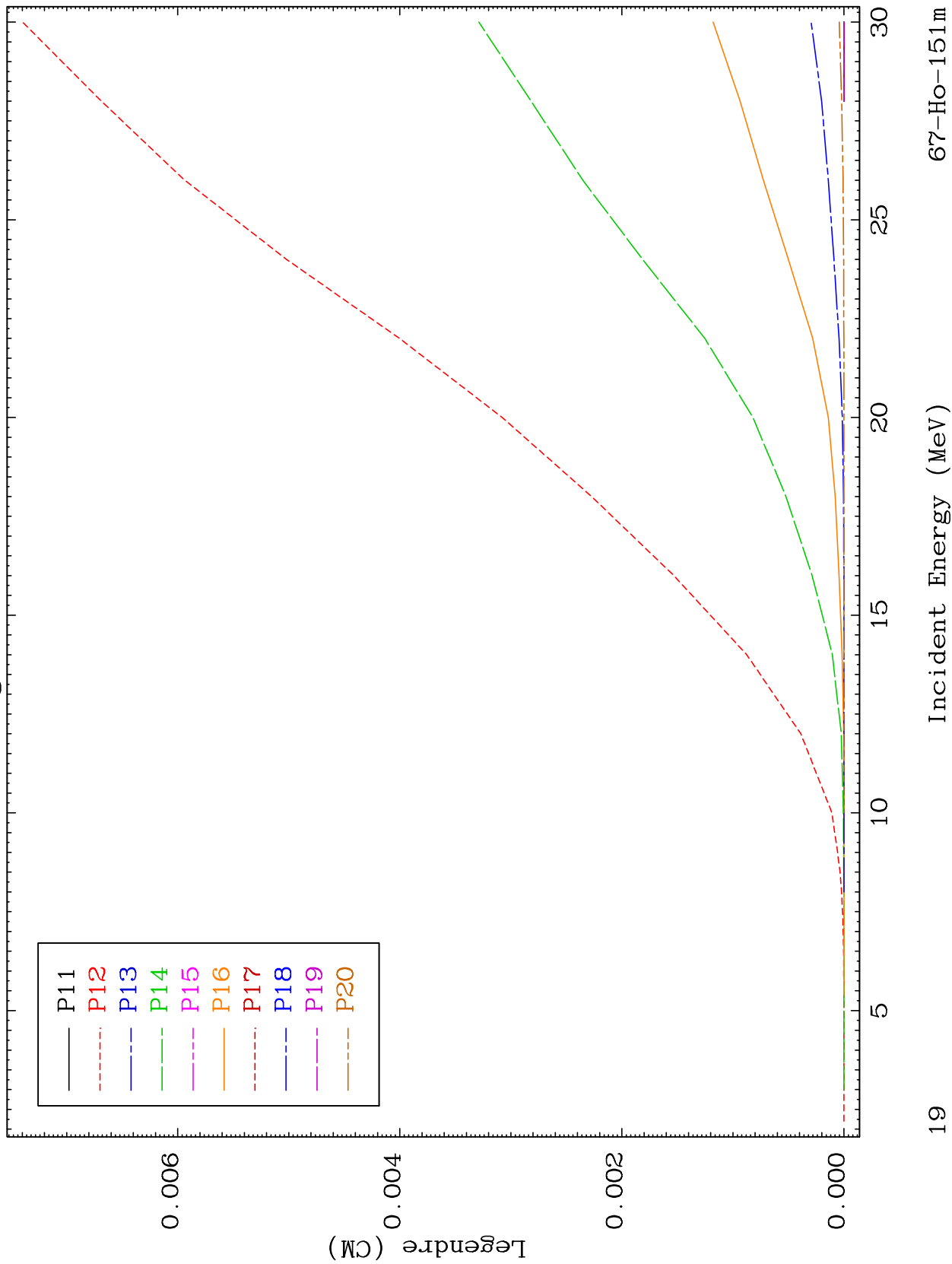




MAT 6684

### Elastic Legendre Coefficients

67-Ho-151m



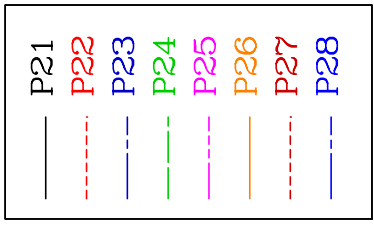
19

67-Ho-151m

MAT 6684

Elastic Legendre Coefficients

67-Ho-151m



$\times 10^{-6}$

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

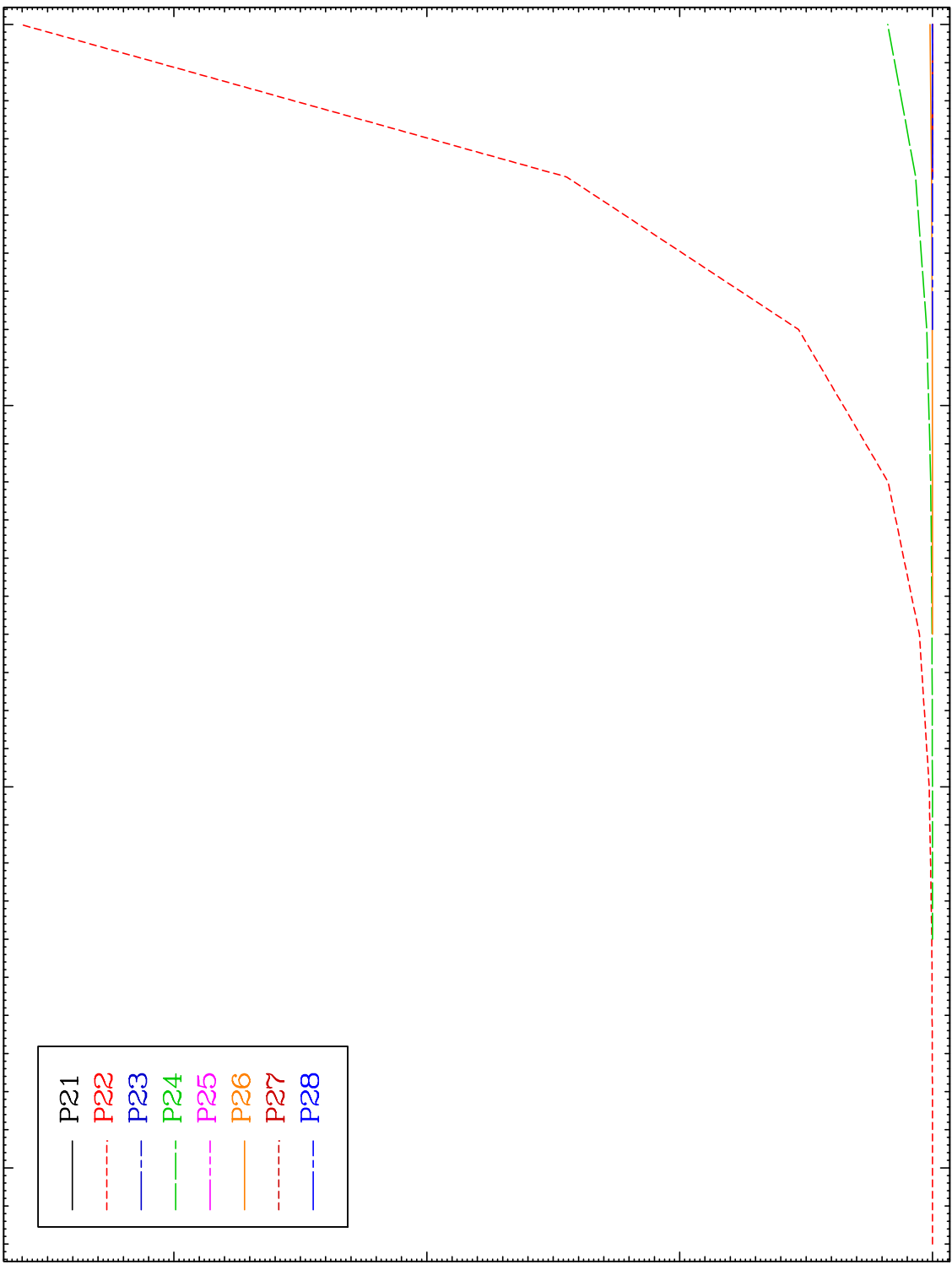
25

30

20

Incident Energy (MeV)

67-Ho-151m

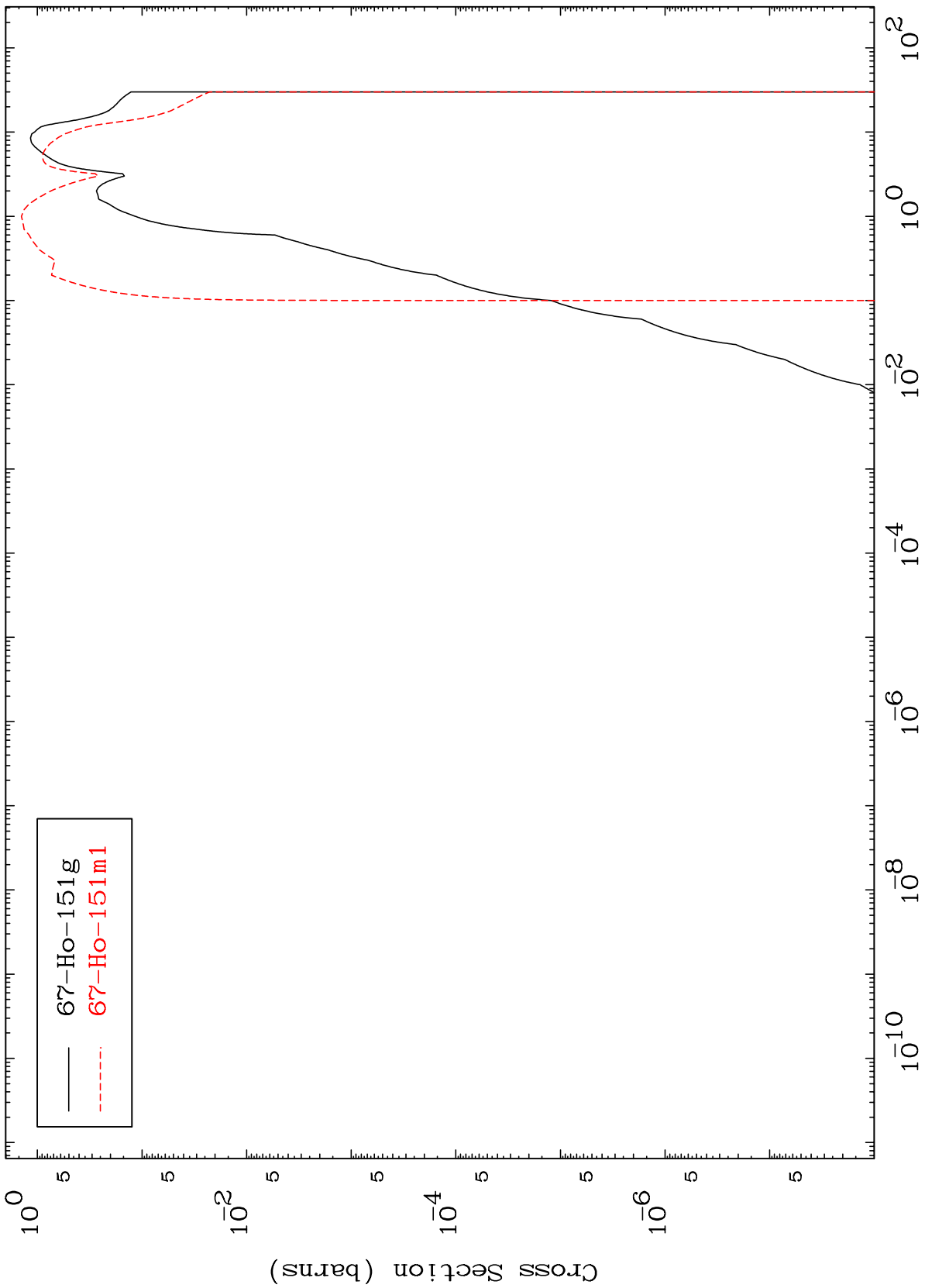


MAT 6684

Inelastic

67-Ho-151m

Radionuclide Production Cross Section

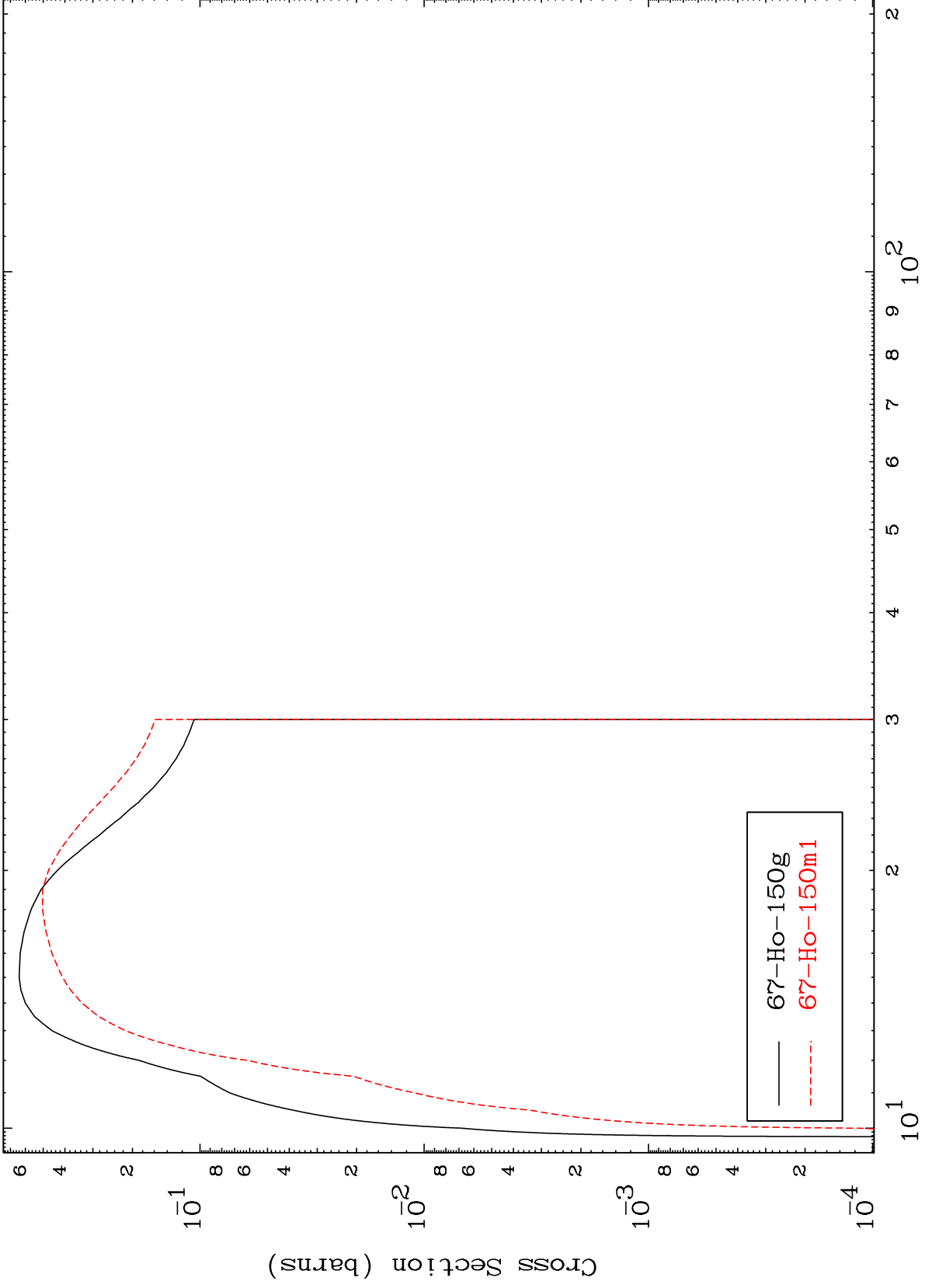


MAT 6684

(n,2n)

67-Ho-151m

Radionuclide Production Cross Section



67-Ho-150g  
67-Ho-150m1

Incident Energy (MeV)

67-Ho-151m

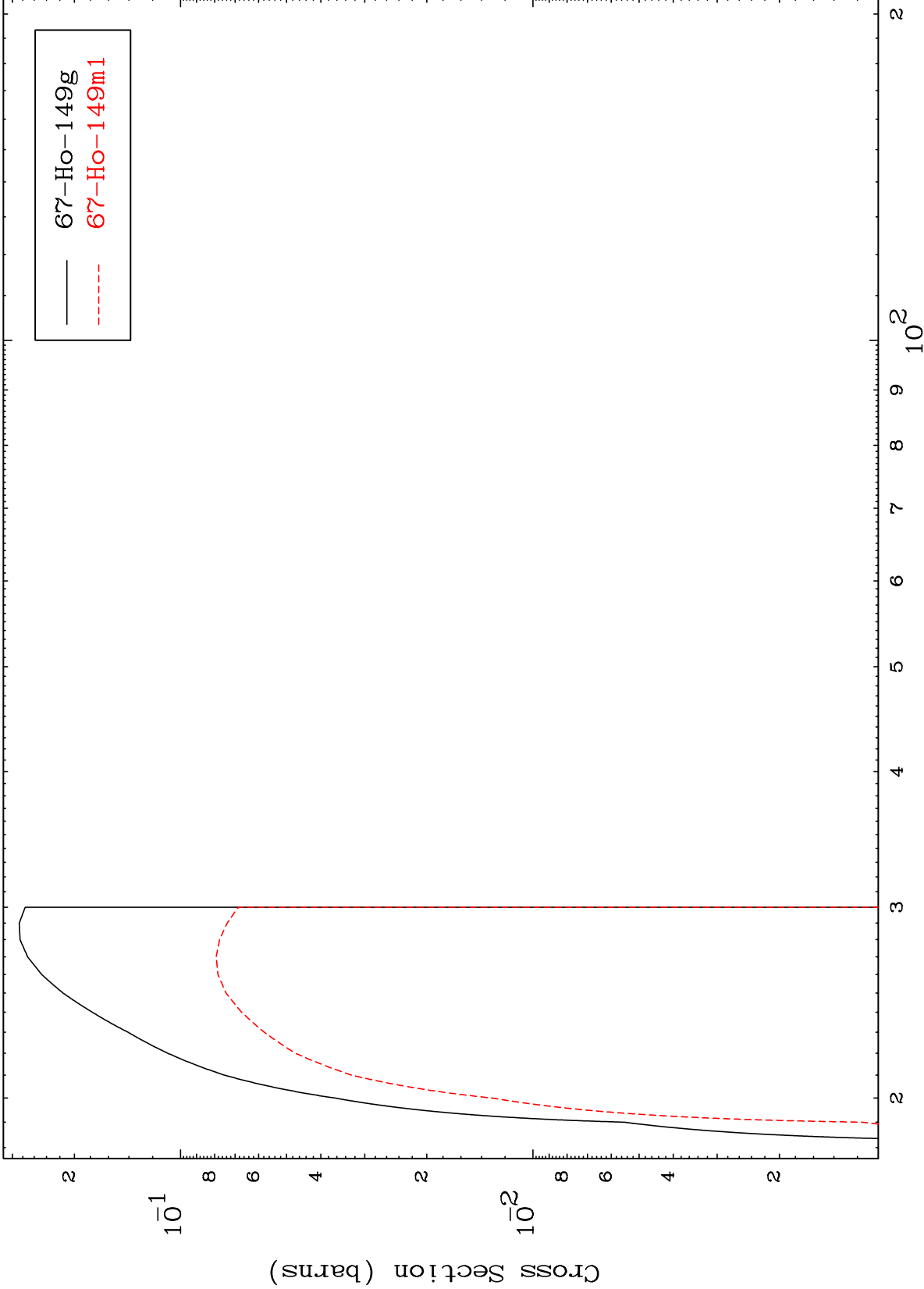
22

MAT 6684

(n,3n)

67-Ho-151m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

67-Ho-151m

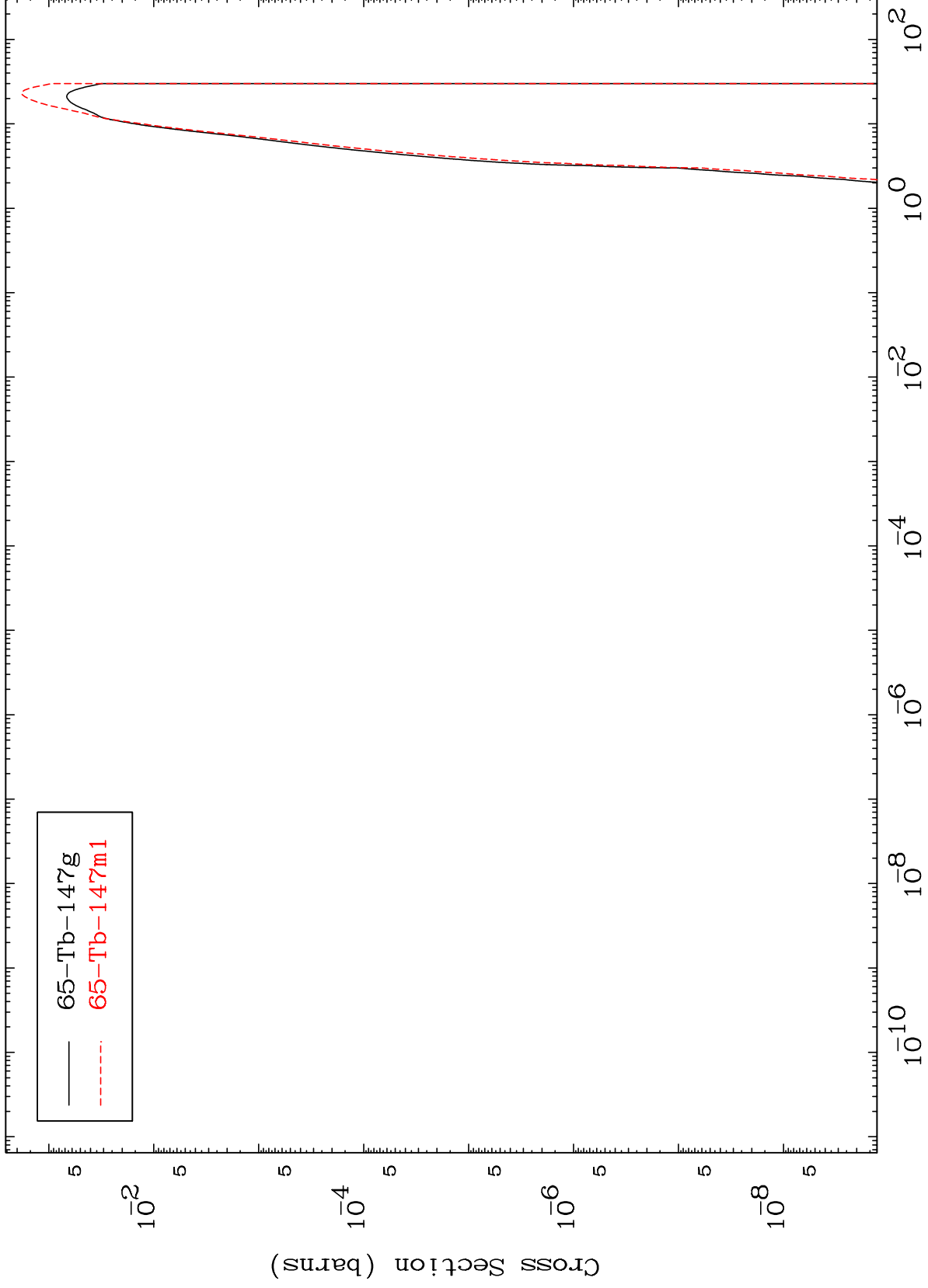


MAT 6684

$(n, n') \alpha$

67-Ho-151m

Radionuclide Production Cross Section

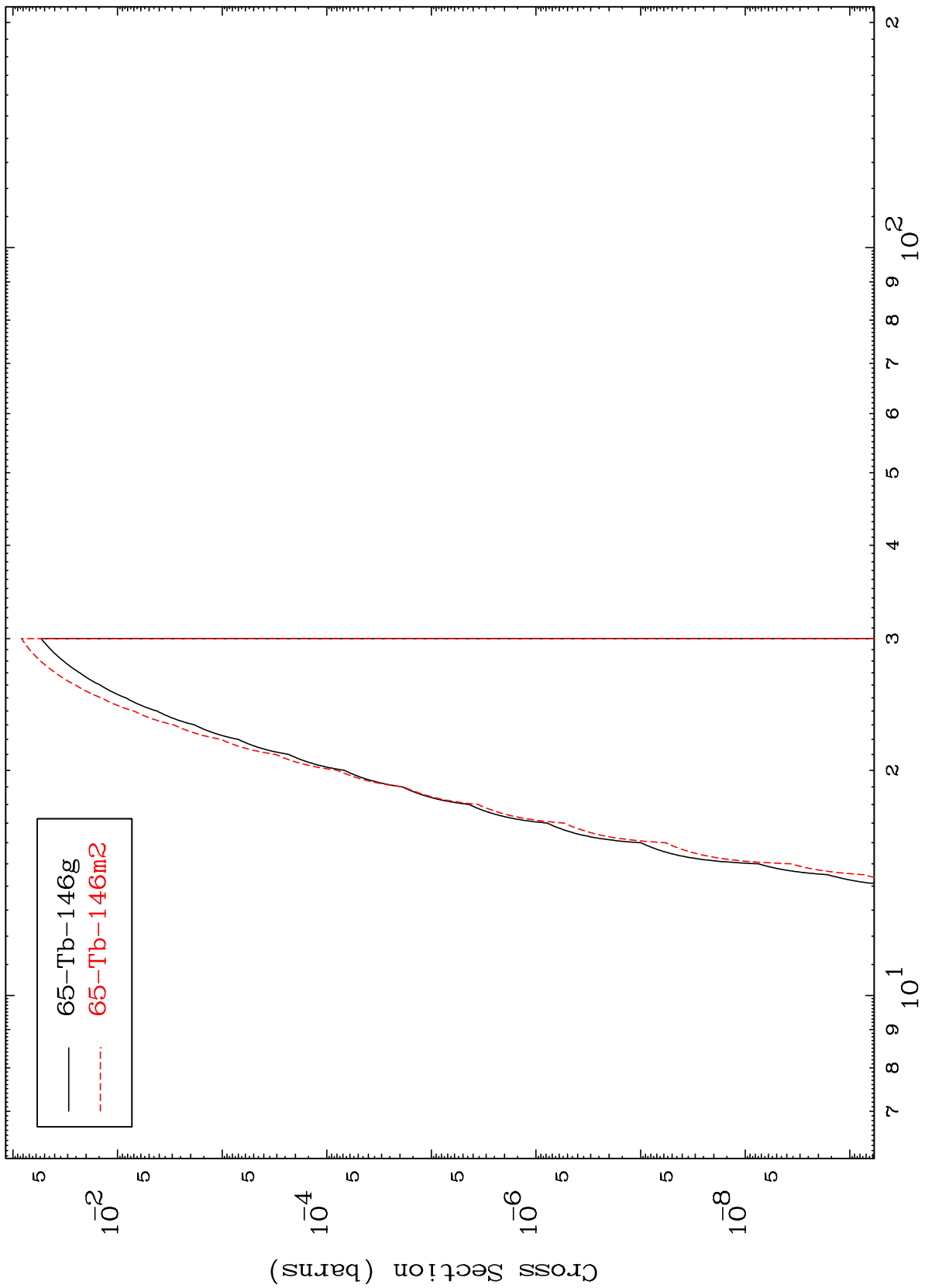


MAT 6684

(n,2n)  $\alpha$

67-Ho-151m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

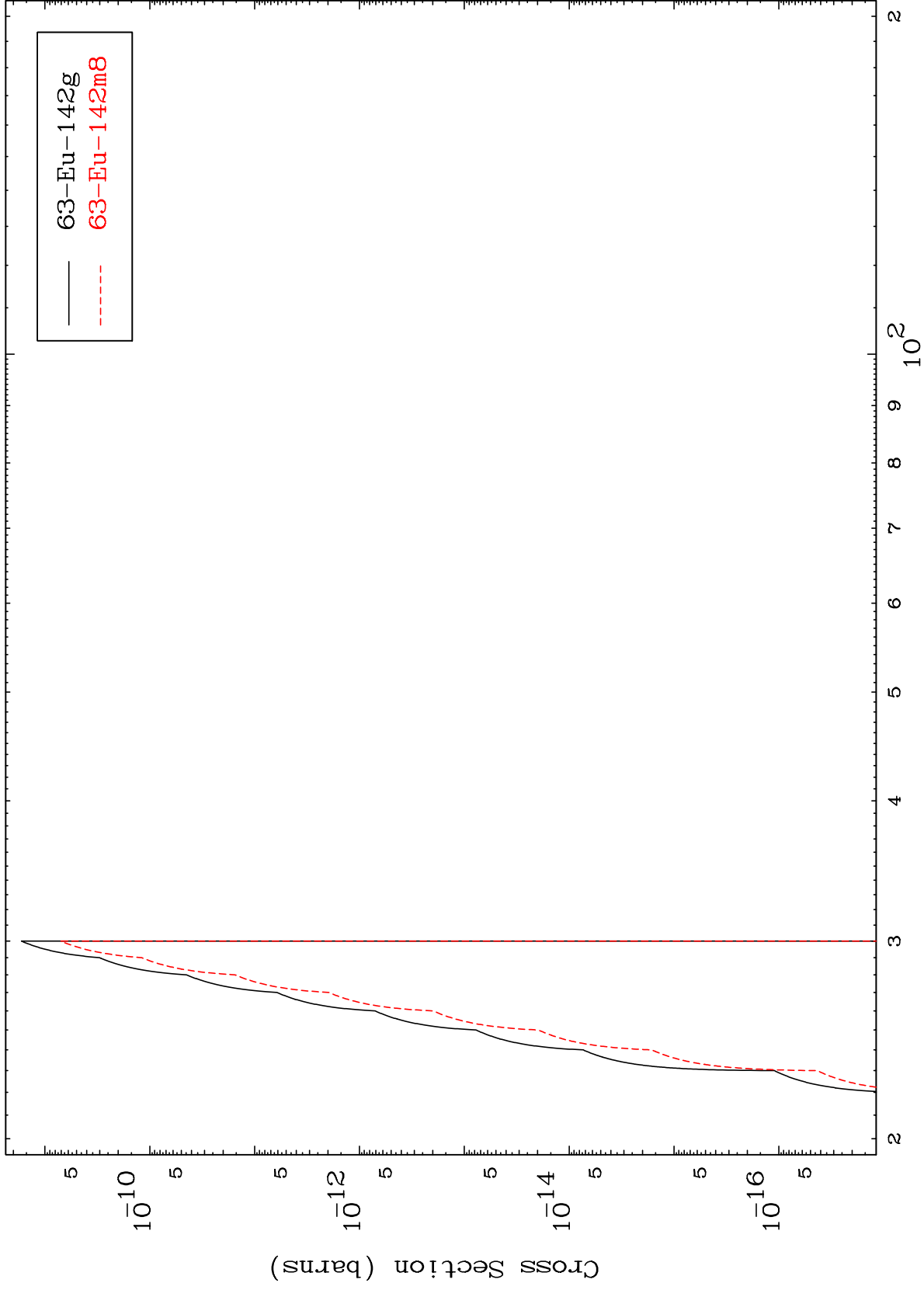
67-Ho-151m

MAT 6684

(n,2n) 2α

67-Ho-151m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

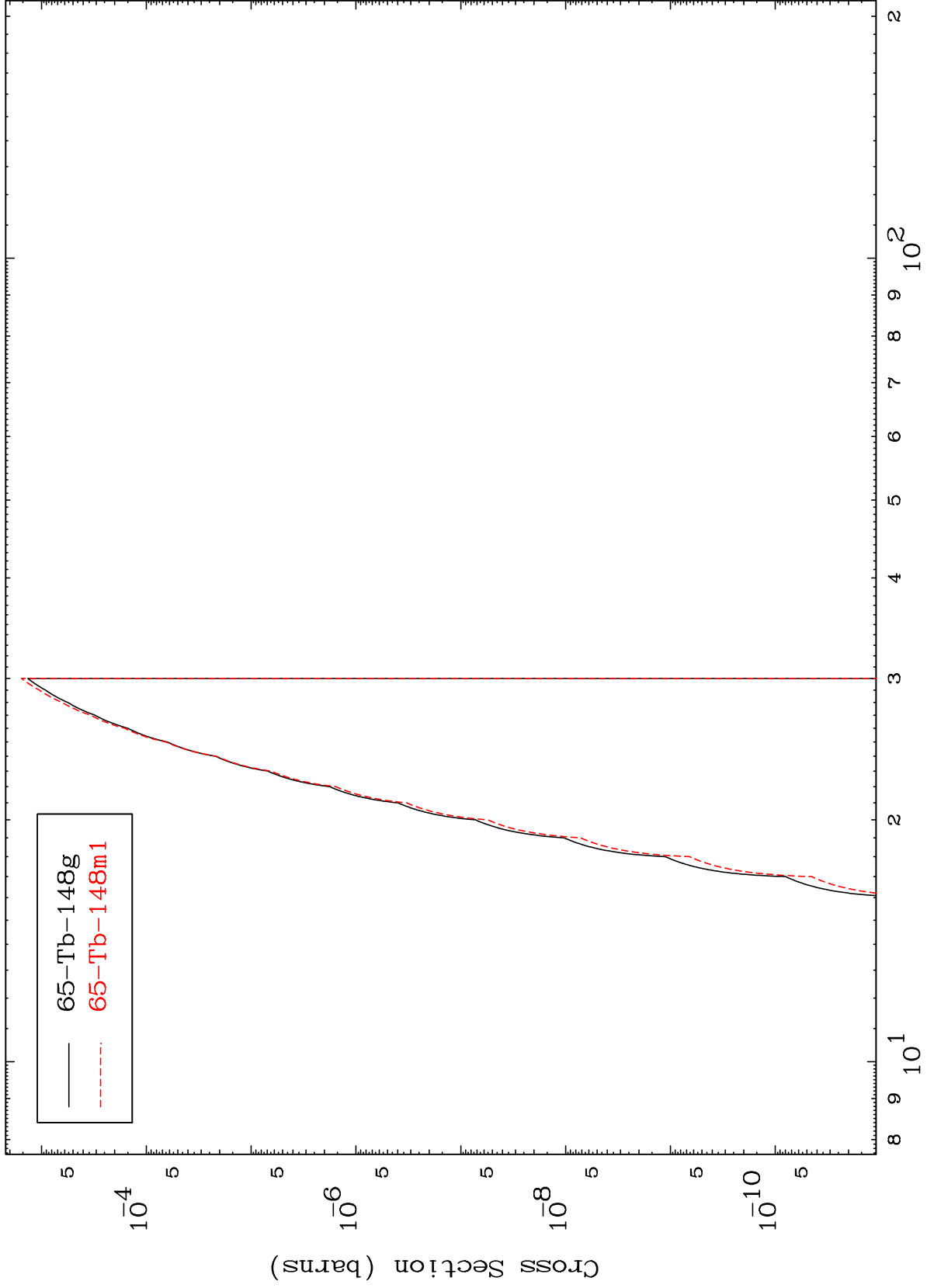
67-Ho-151m

MAT 6684

(n,n') He-3

67-Ho-151m

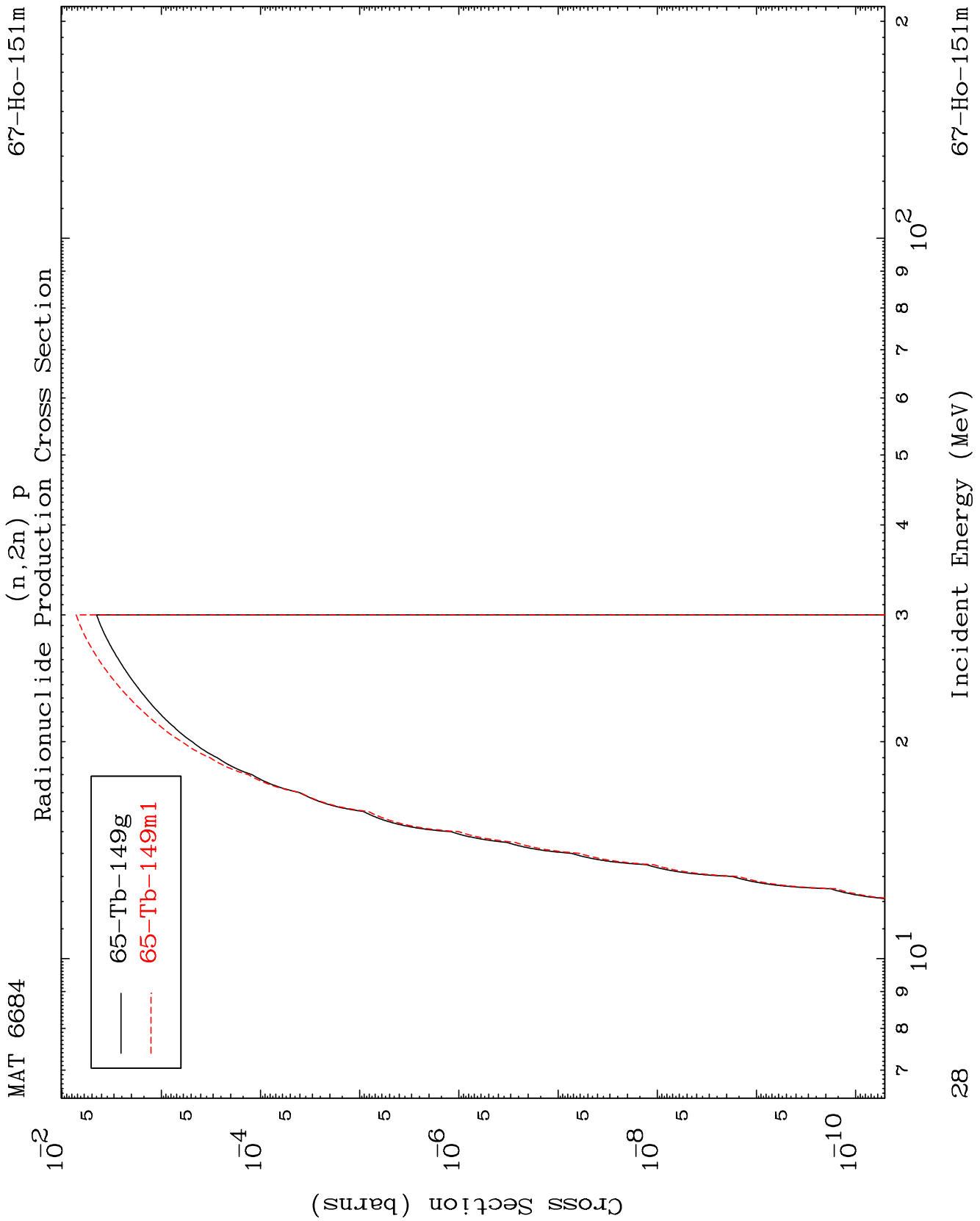
Radionuclide Production Cross Section



27

Incident Energy (MeV)

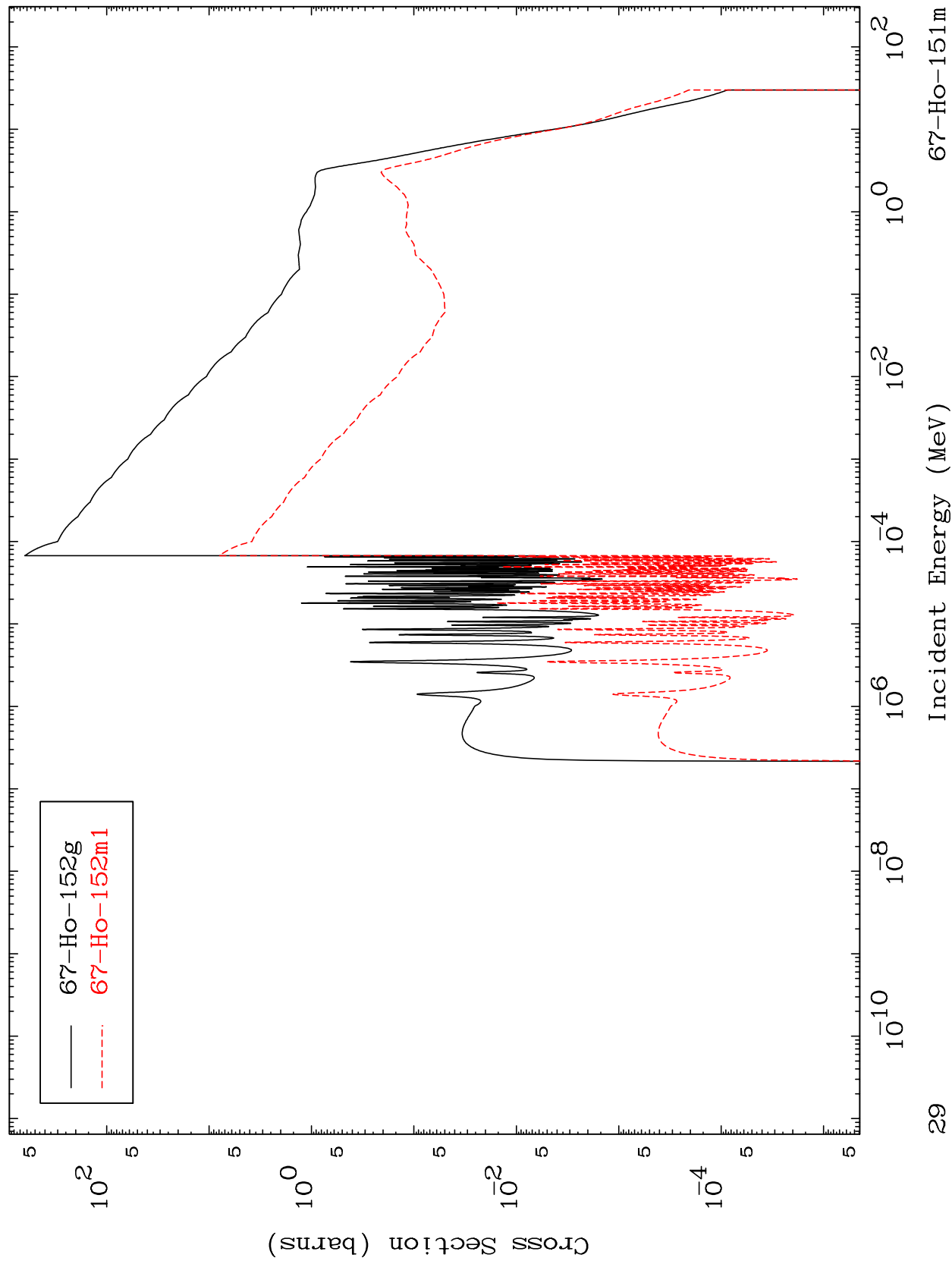
67-Ho-151m



MAT 6684

67-Ho-151m

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

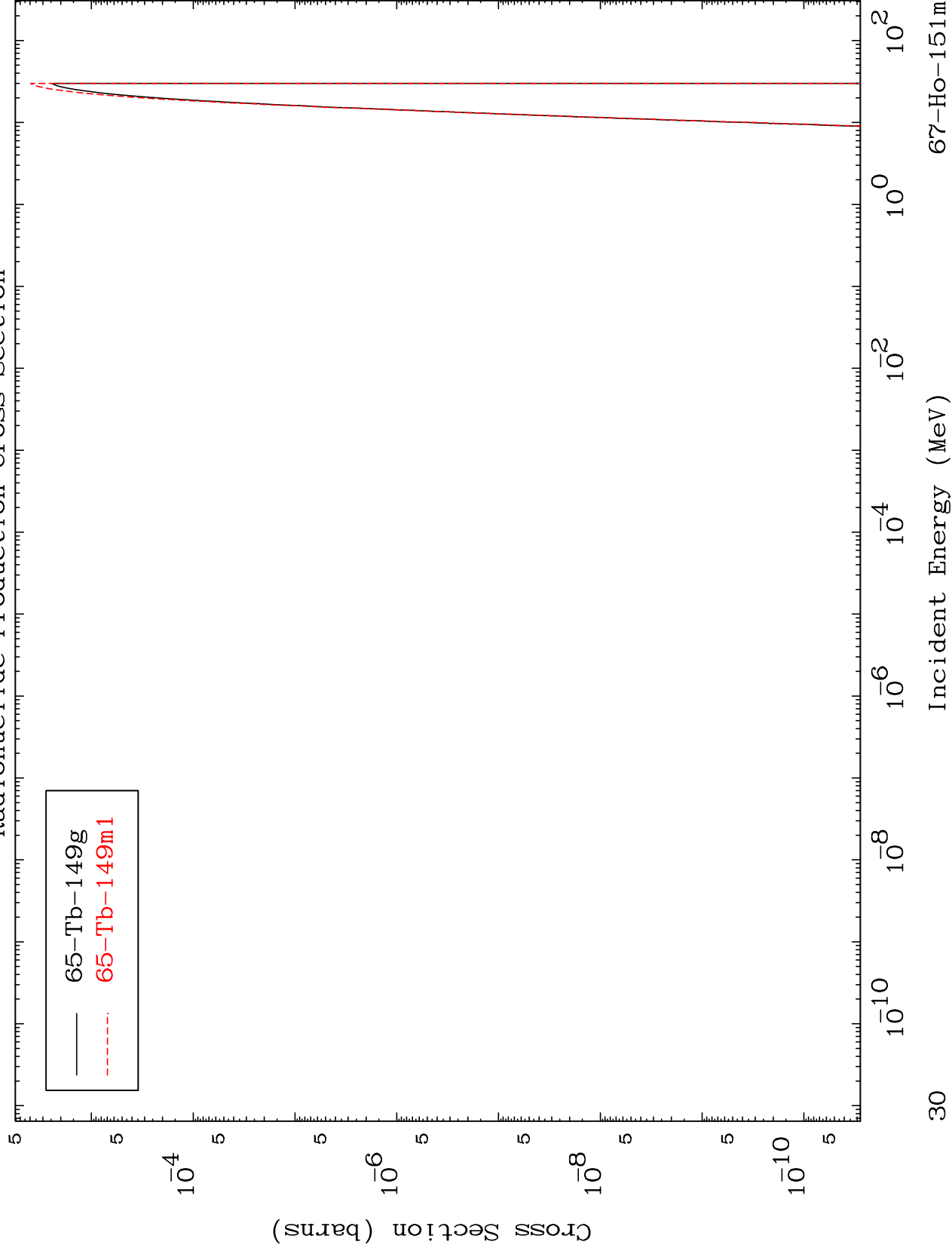


MAT 6684

(n,He-3)

67-Ho-151m

Radionuclide Production Cross Section



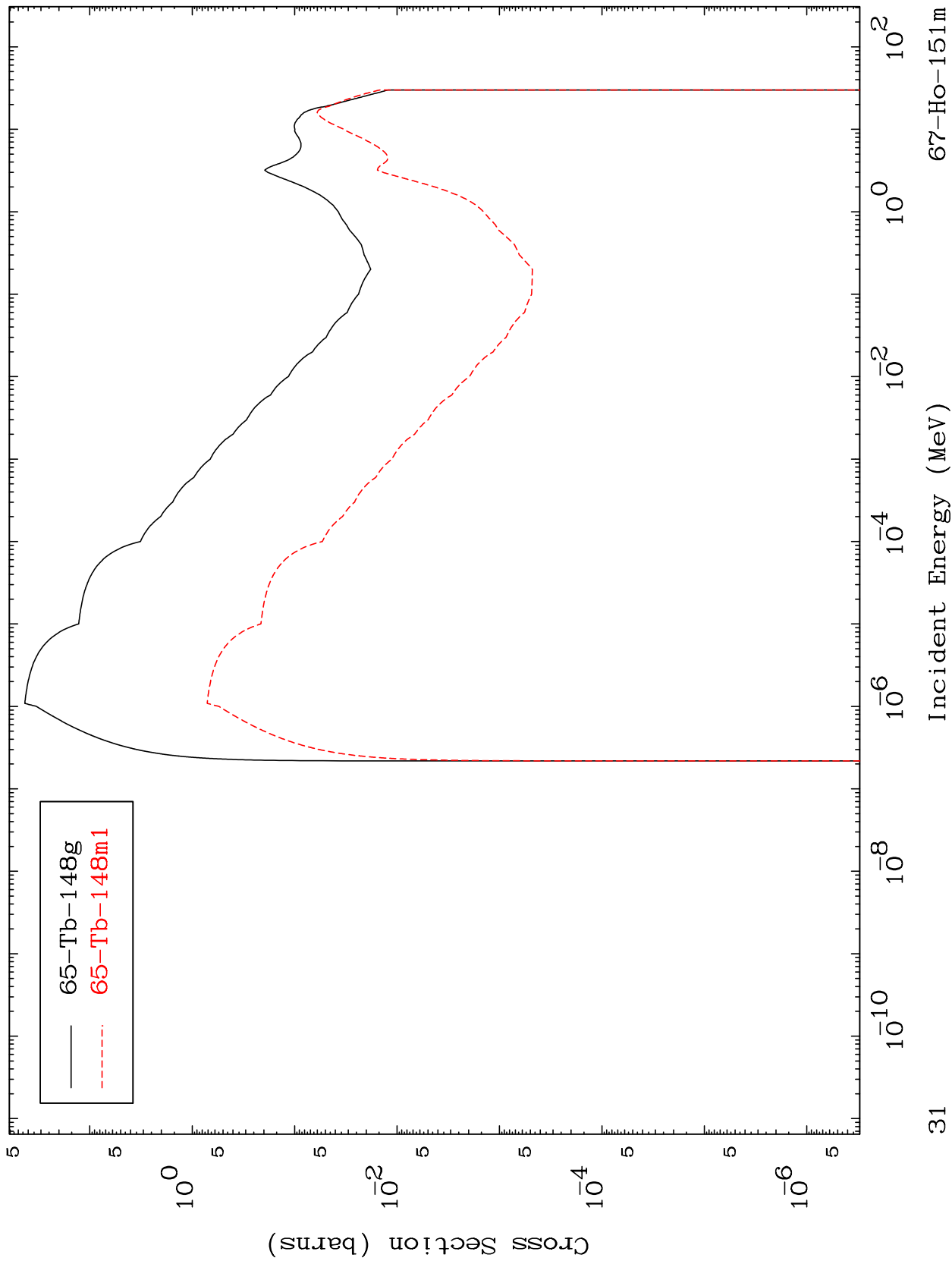
30

MAT 6684

(n,  $\alpha$ )

67-Ho-151m

Radionuclide Production Cross Section



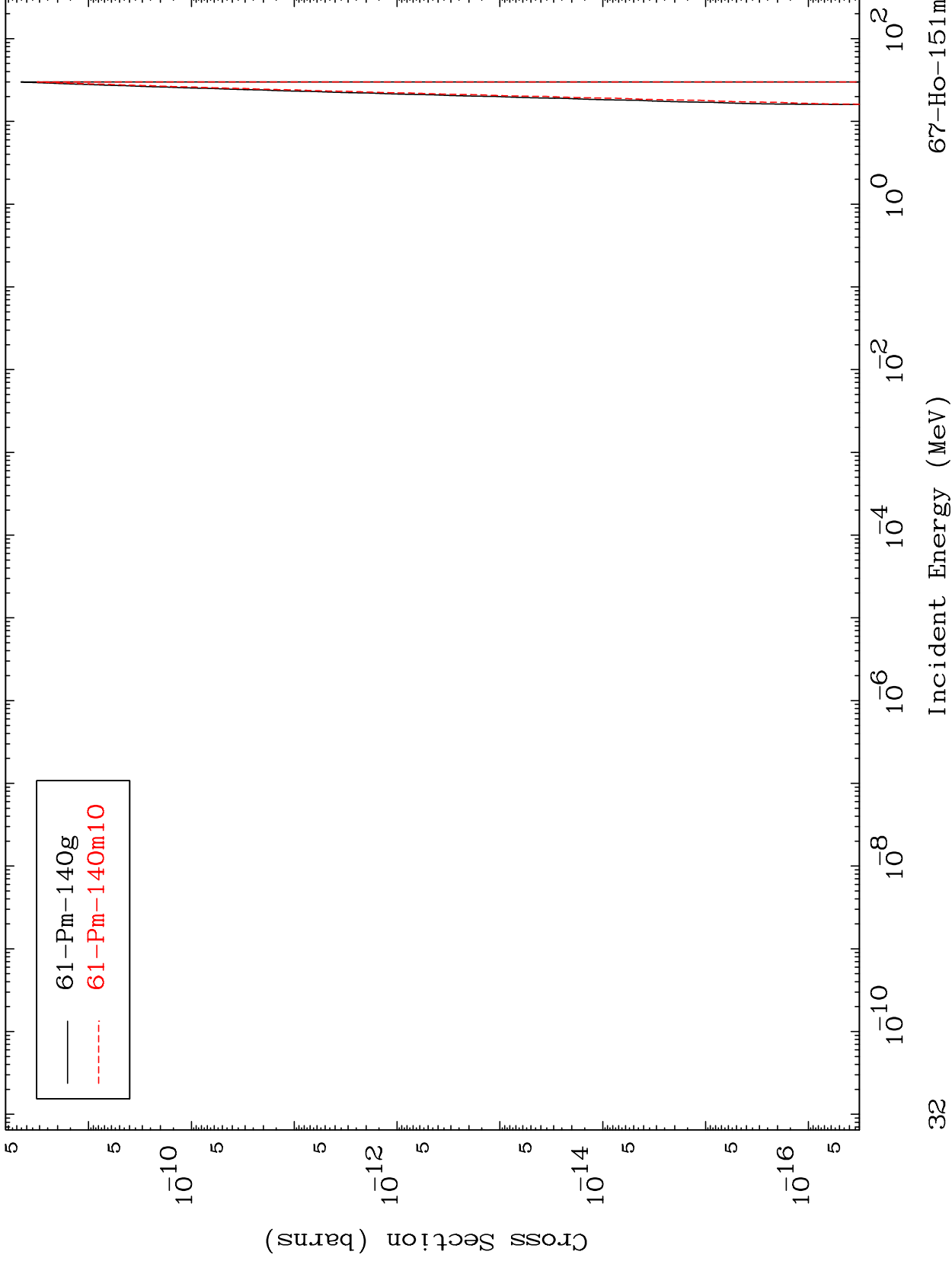


MAT 6684

(n,3α)

67-Ho-151m

Radionuclide Production Cross Section

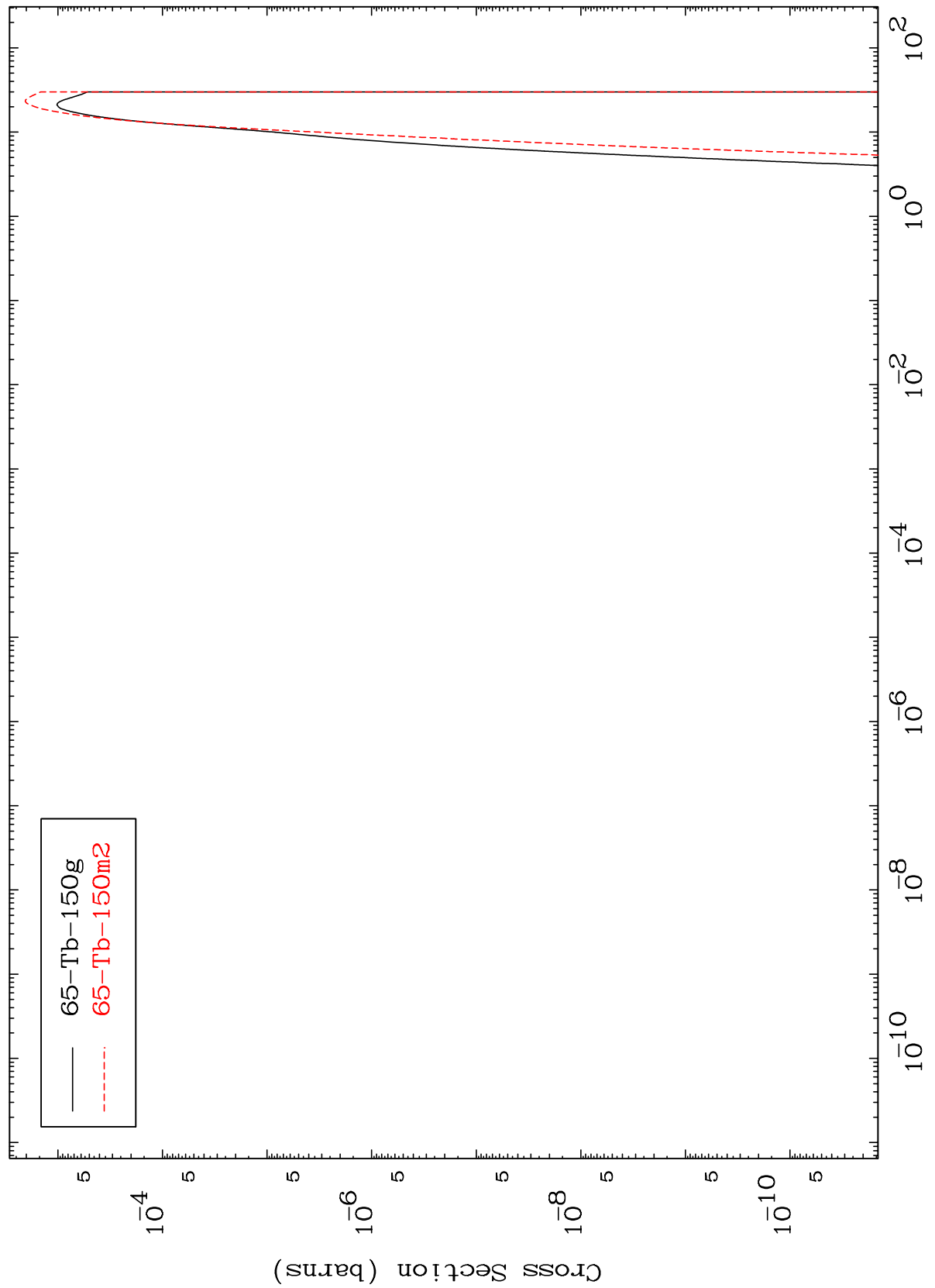


MAT 6684

(n,2p)

67-Ho-151m

Radionuclide Production Cross Section

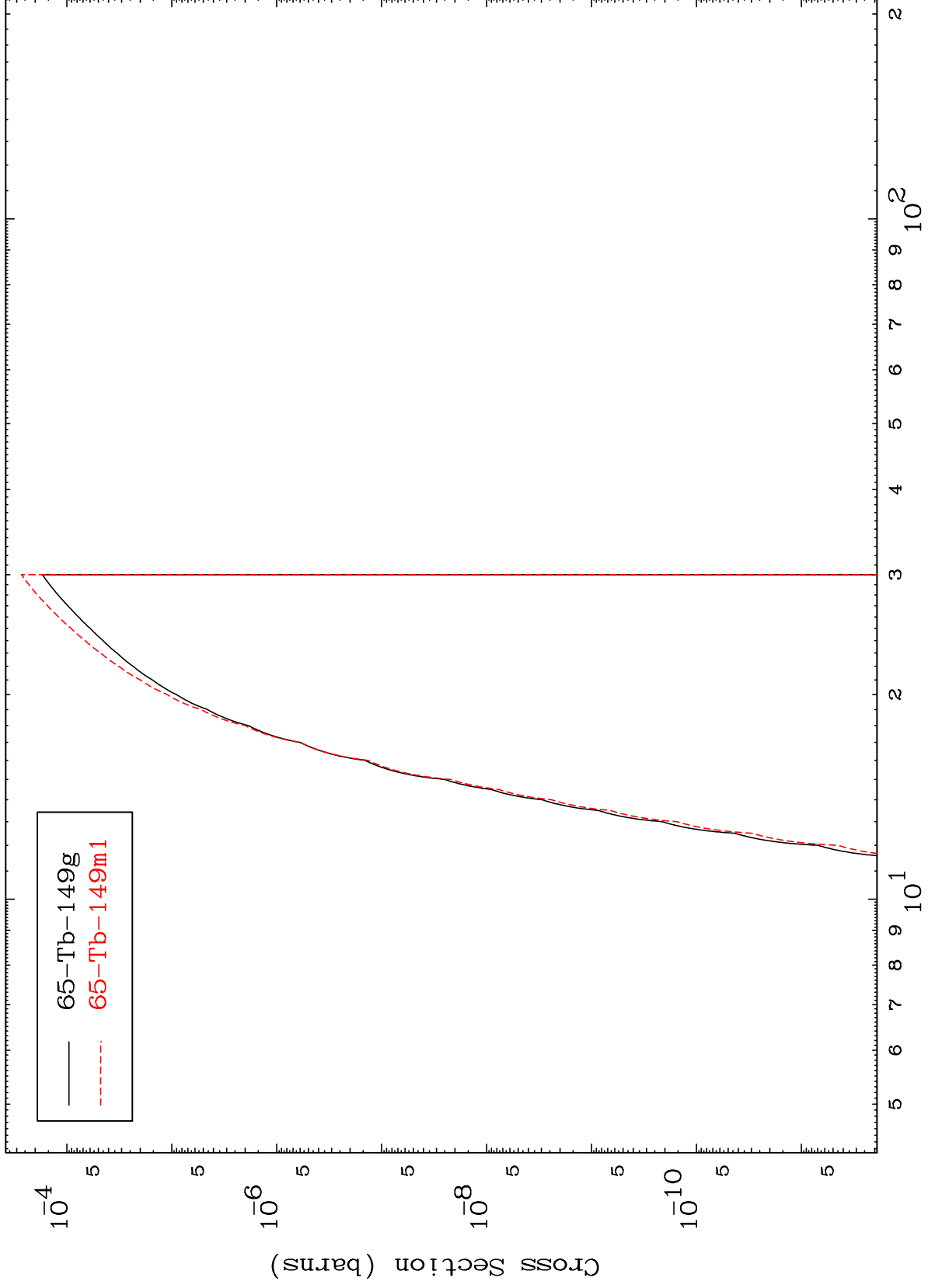


MAT 6684

(n,p) d

67-Ho-151m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

67-Ho-151m

MAT 6684

(n,p) t

67-Ho-151m

Radionuclide Production Cross Section

