

Program EVALPLOT
(Version 2018-1)

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

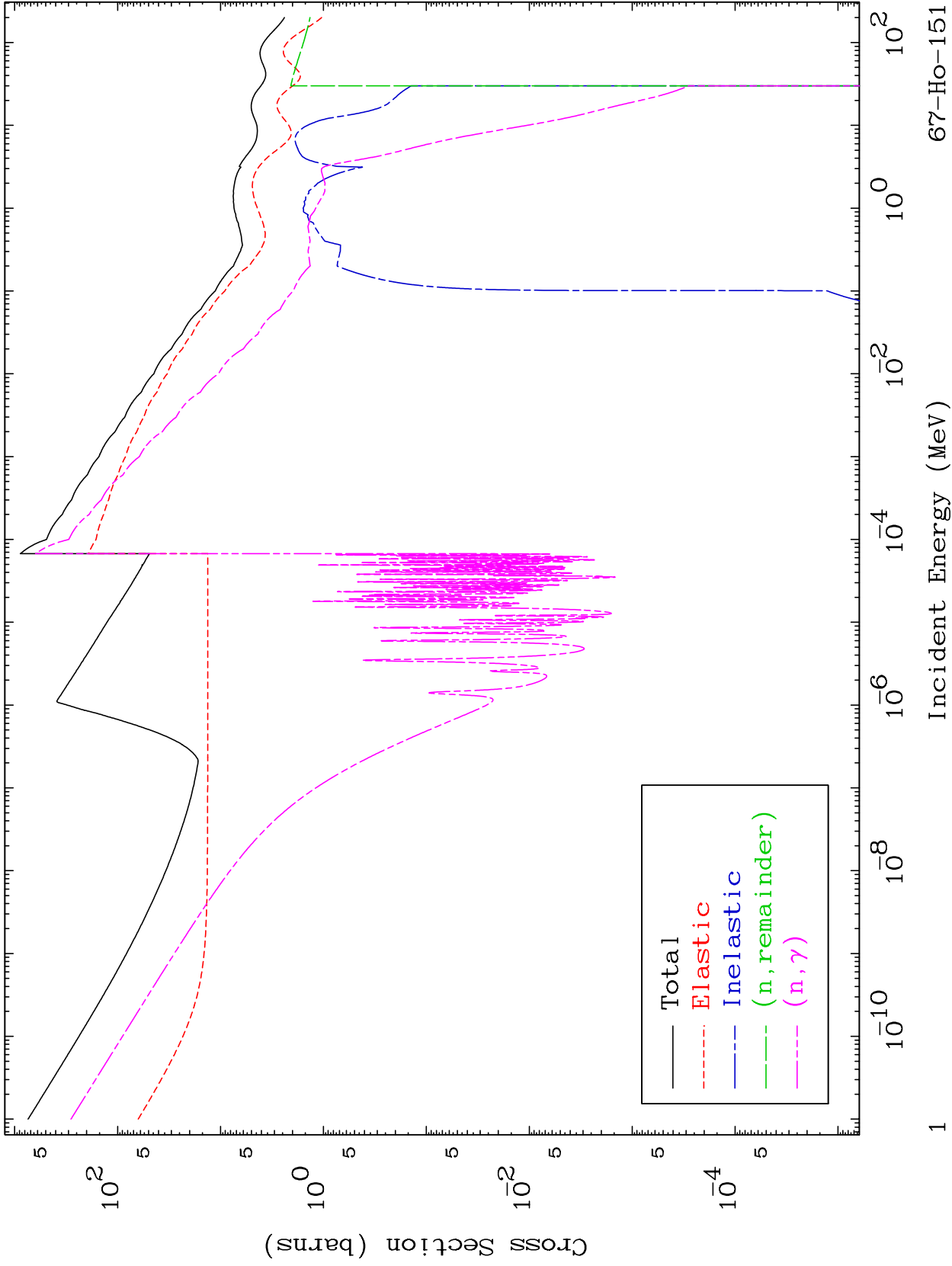
Press Mouse Button to Start

MAT 6684

Major

293 Kelvin Cross Sections

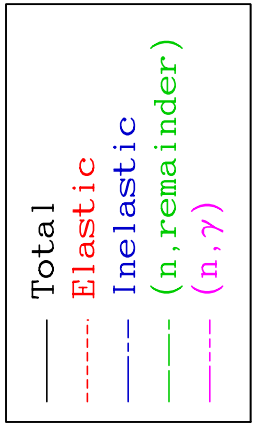
67-Ho-151



1

Incident Energy (MeV)

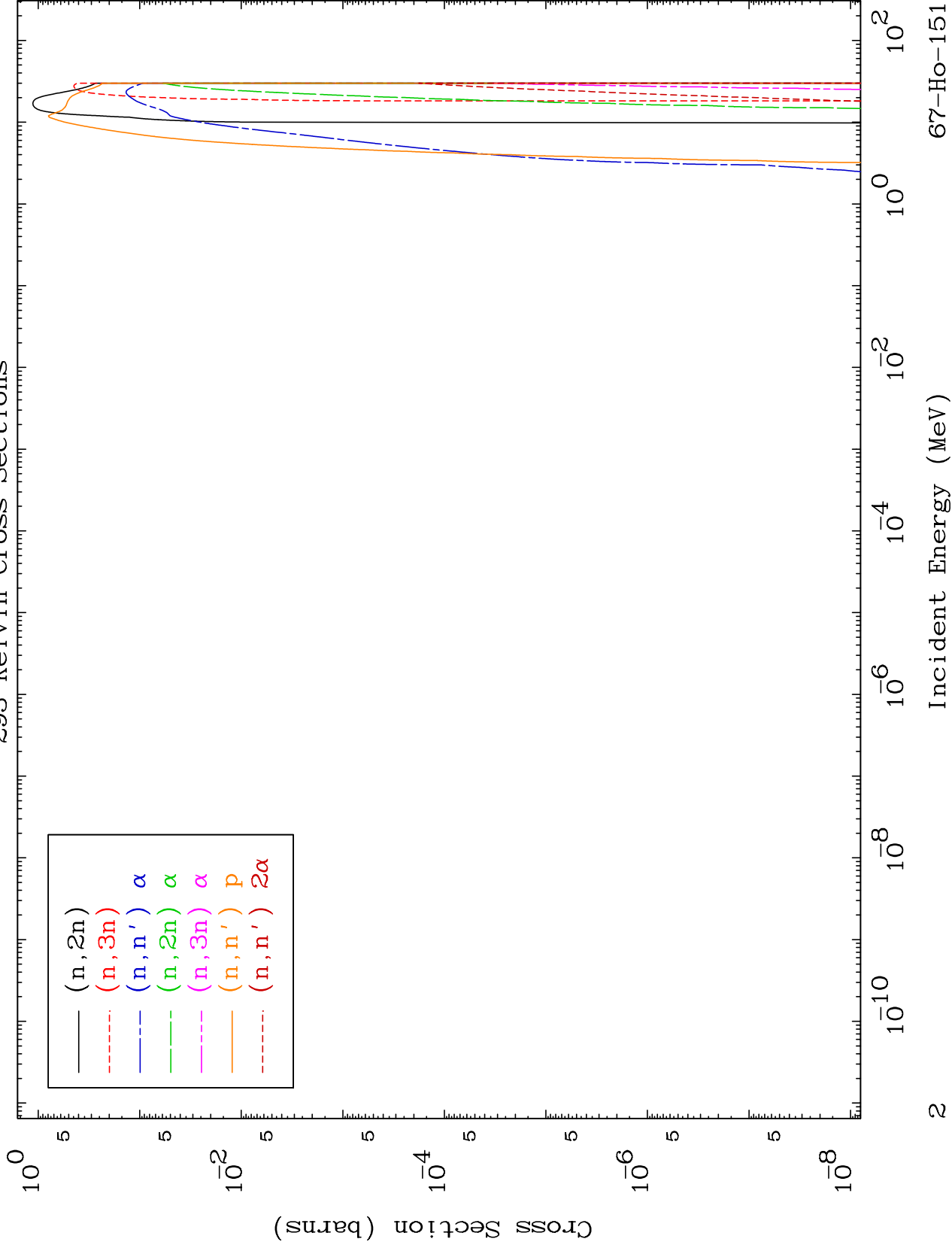
67-Ho-151

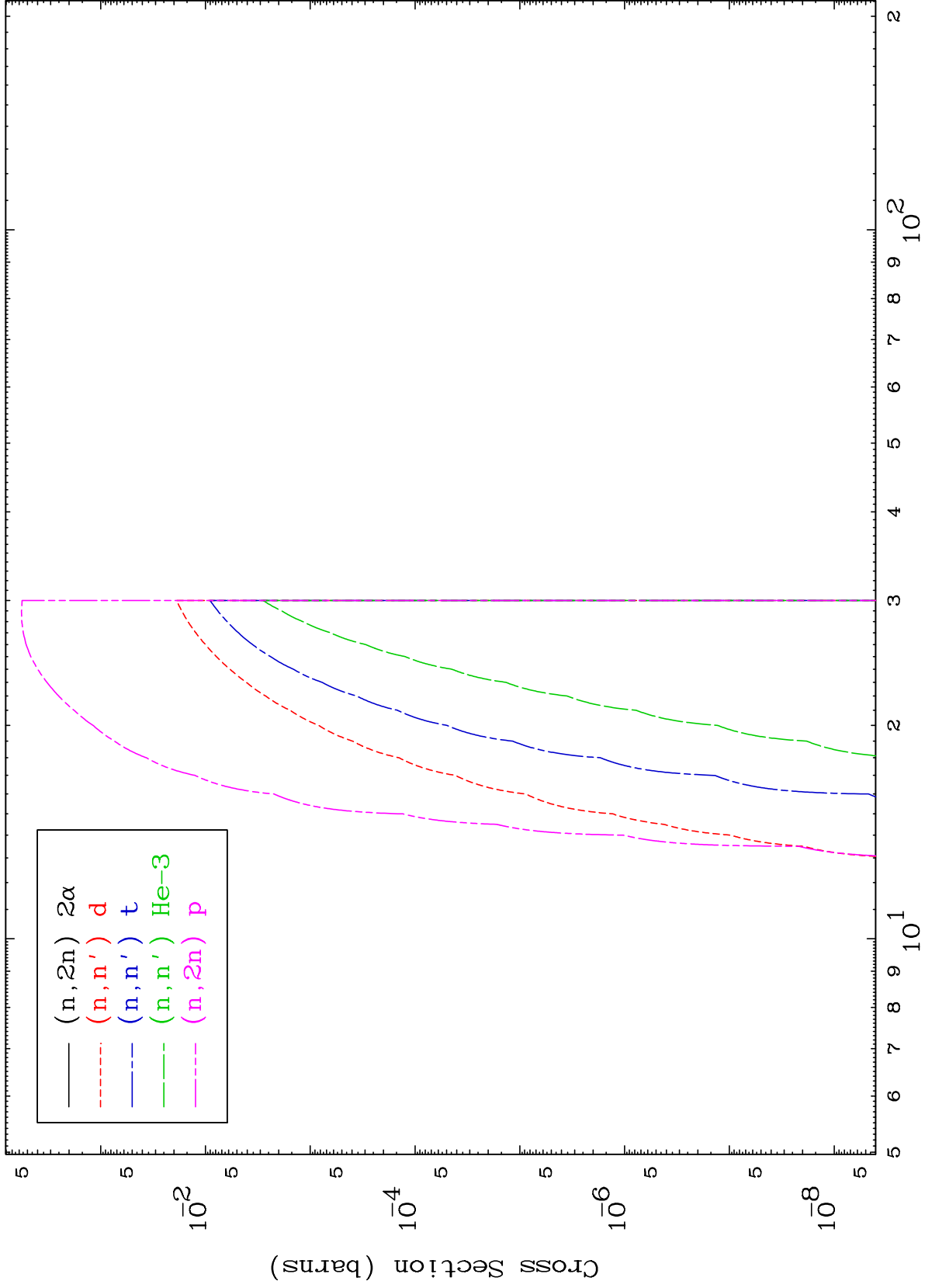


MAT 6684

Neutron Production
293 Kelvin Cross Sections

67-Ho-151

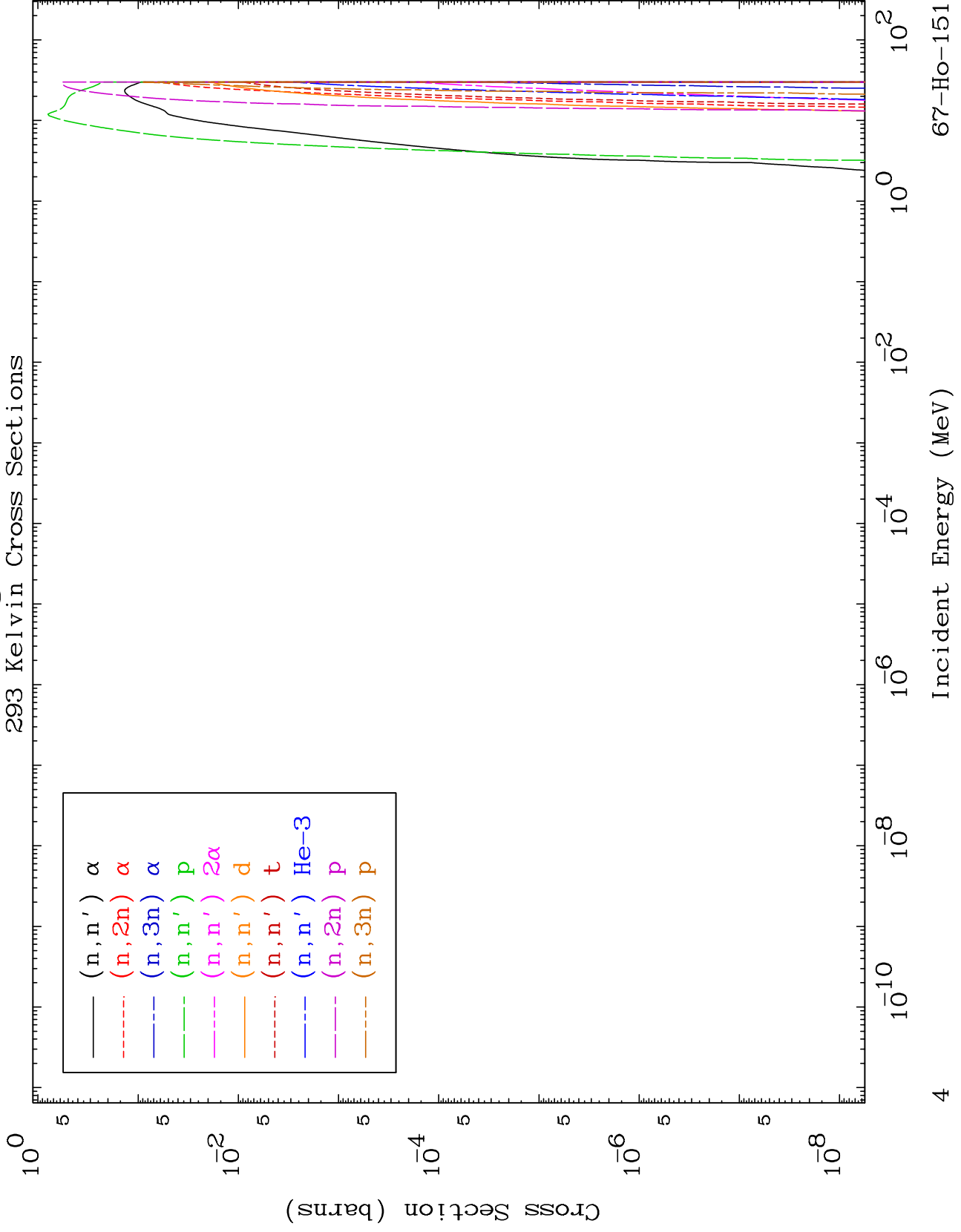




MAT 6684

Charged Particle
293 Kelvin Cross Sections

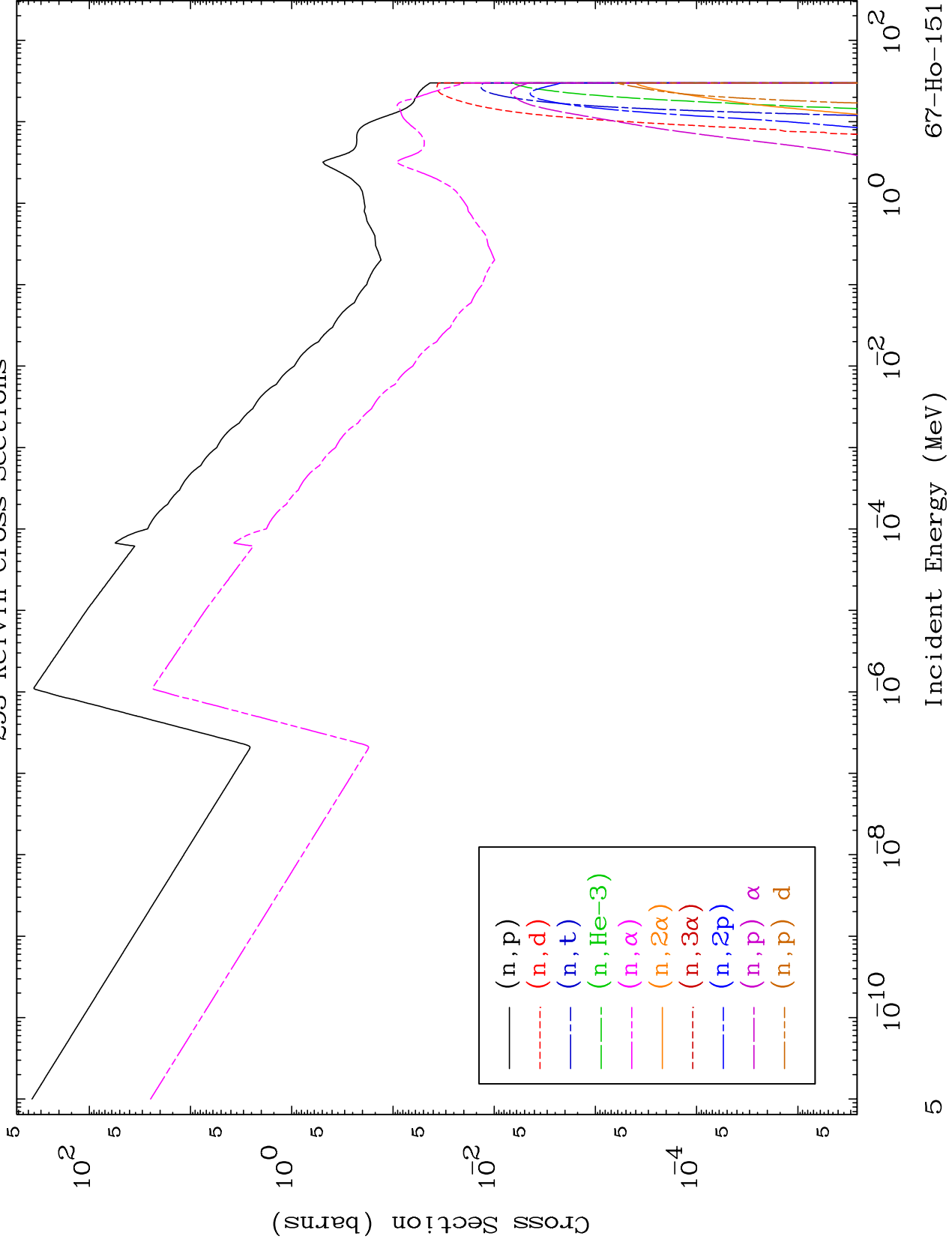
67-Ho-151



MAT 6684

Charged Particle
293 Kelvin Cross Sections

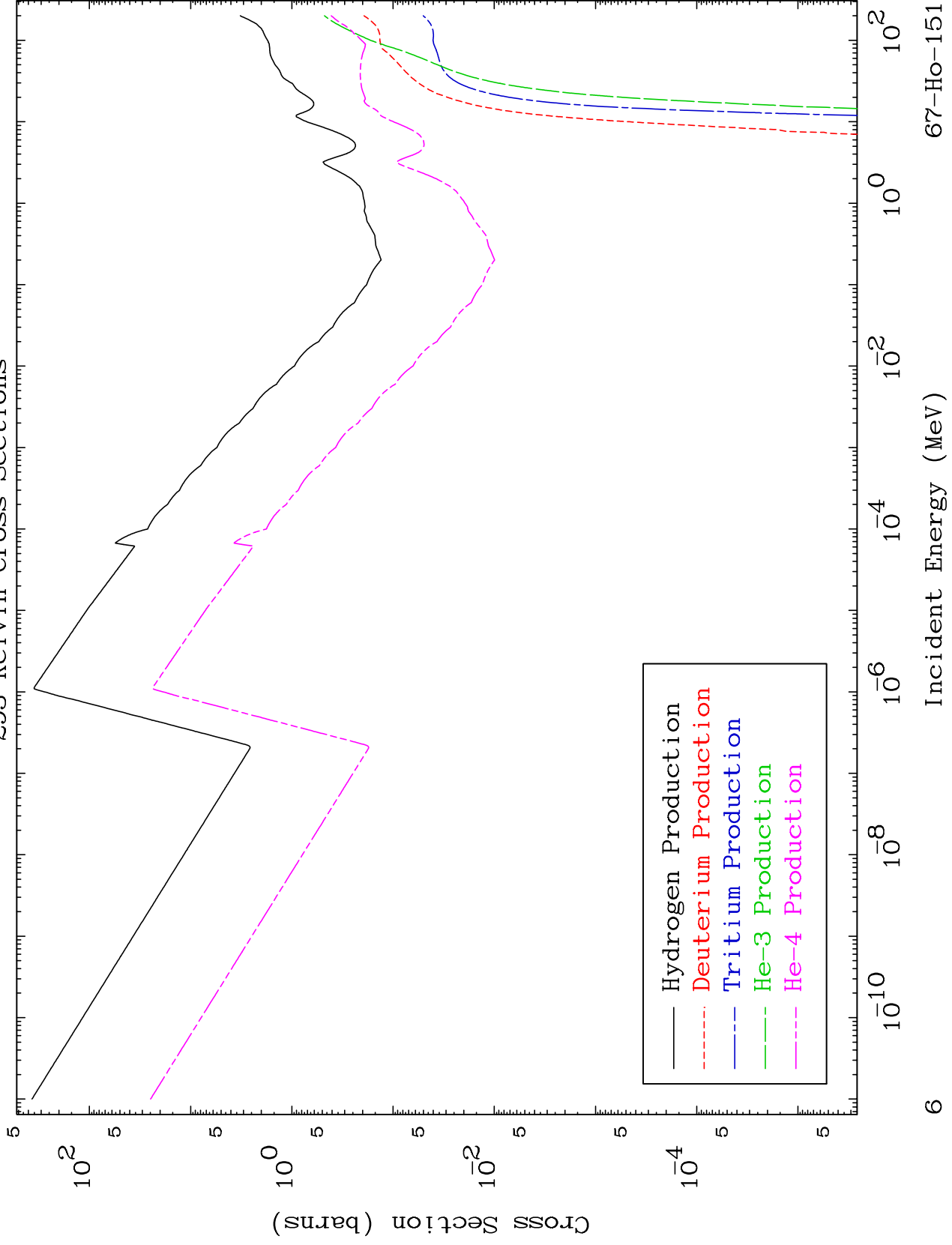
67-Ho-151



MAT 6684

Particle Production
293 Kelvin Cross Sections

67-Ho-151

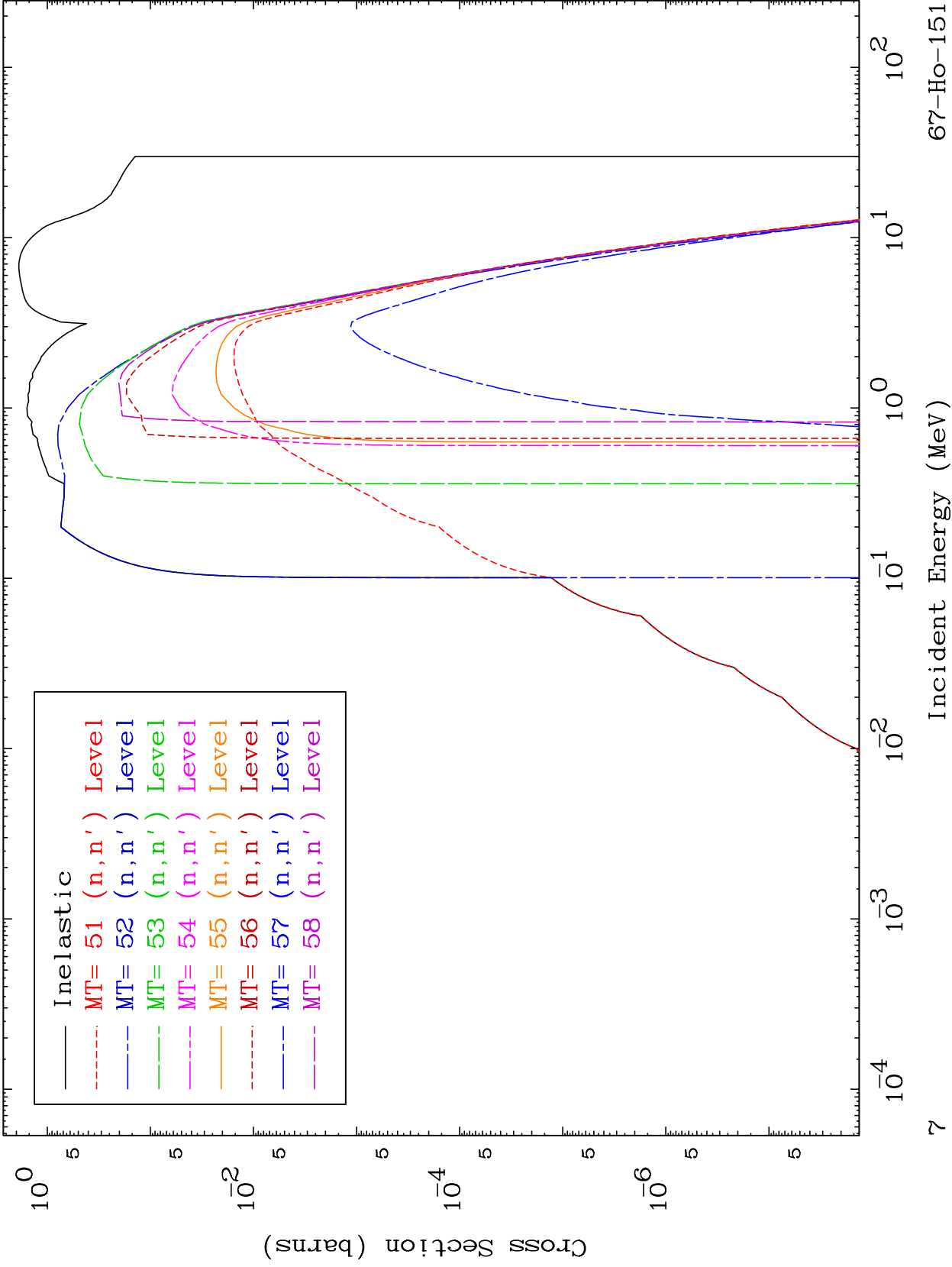


MAT 6684

(n,n') Level

67-Ho-151

293 Kelvin Cross Sections

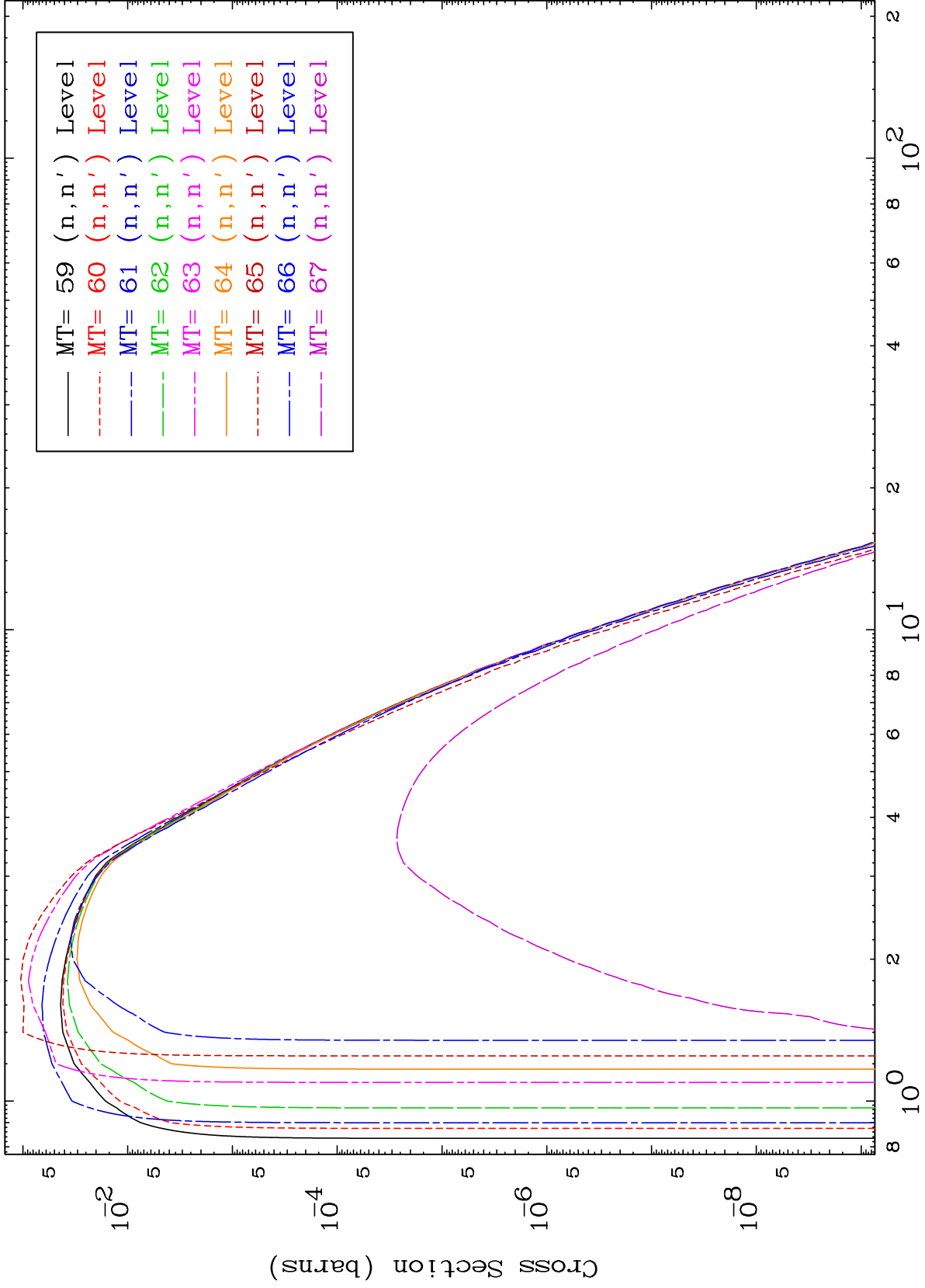


MAT 6684

(n,n') Level

67-Ho-151

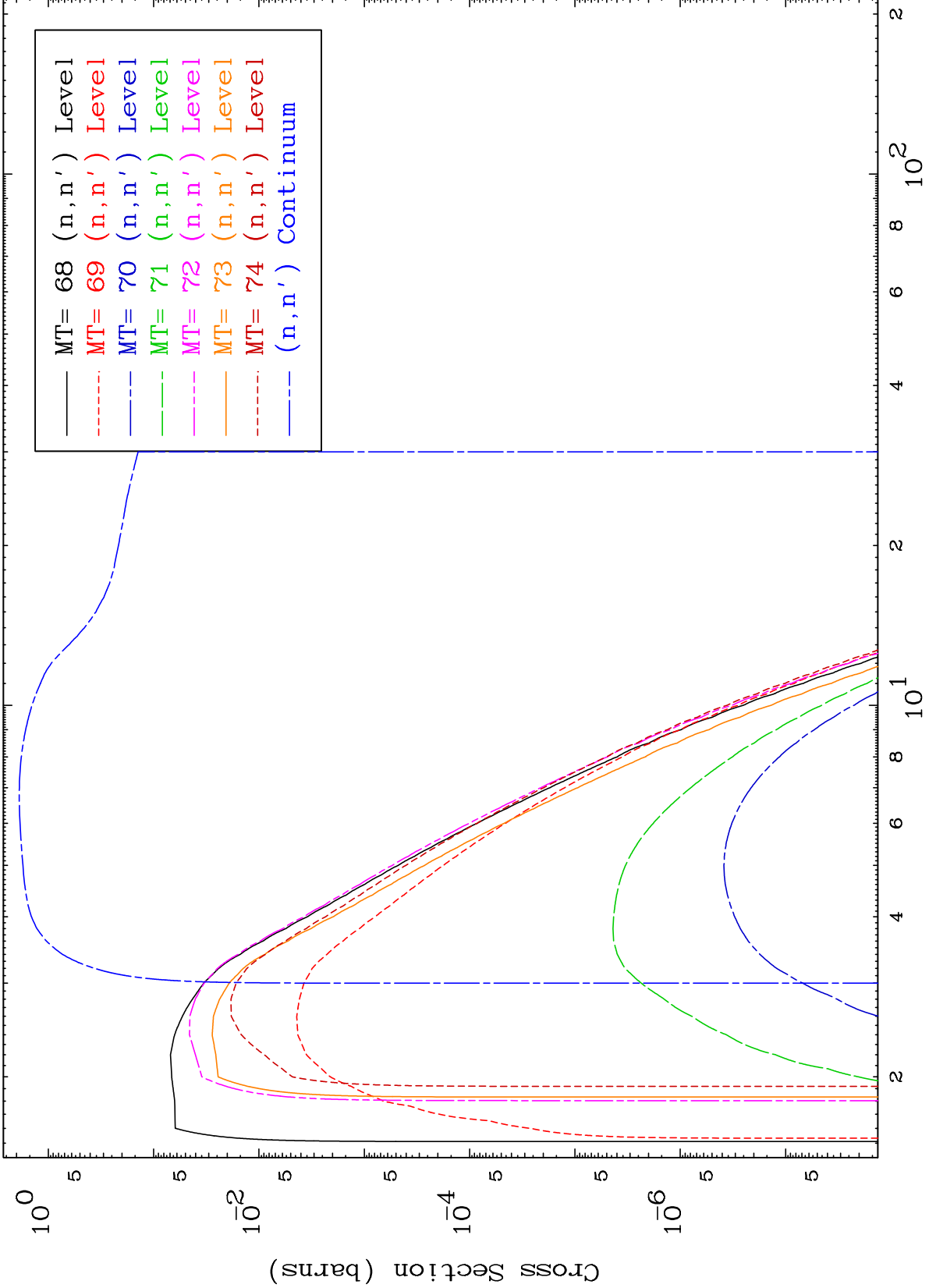
293 Kelvin Cross Sections



Incident Energy (MeV)

67-Ho-151

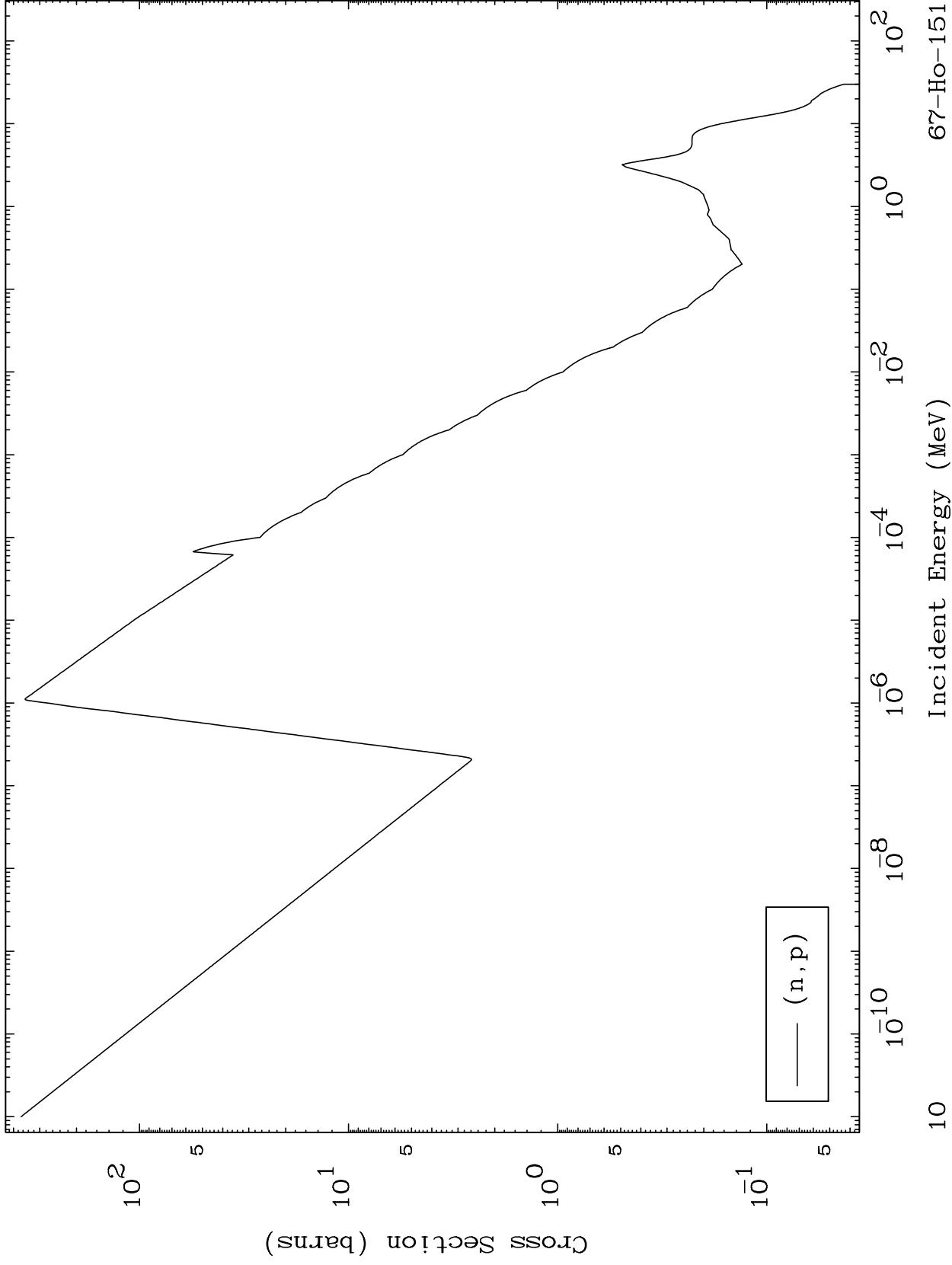
293 Kelvin Cross Sections



MAT 6684

(n,p) Levels
293 Kelvin Cross Sections

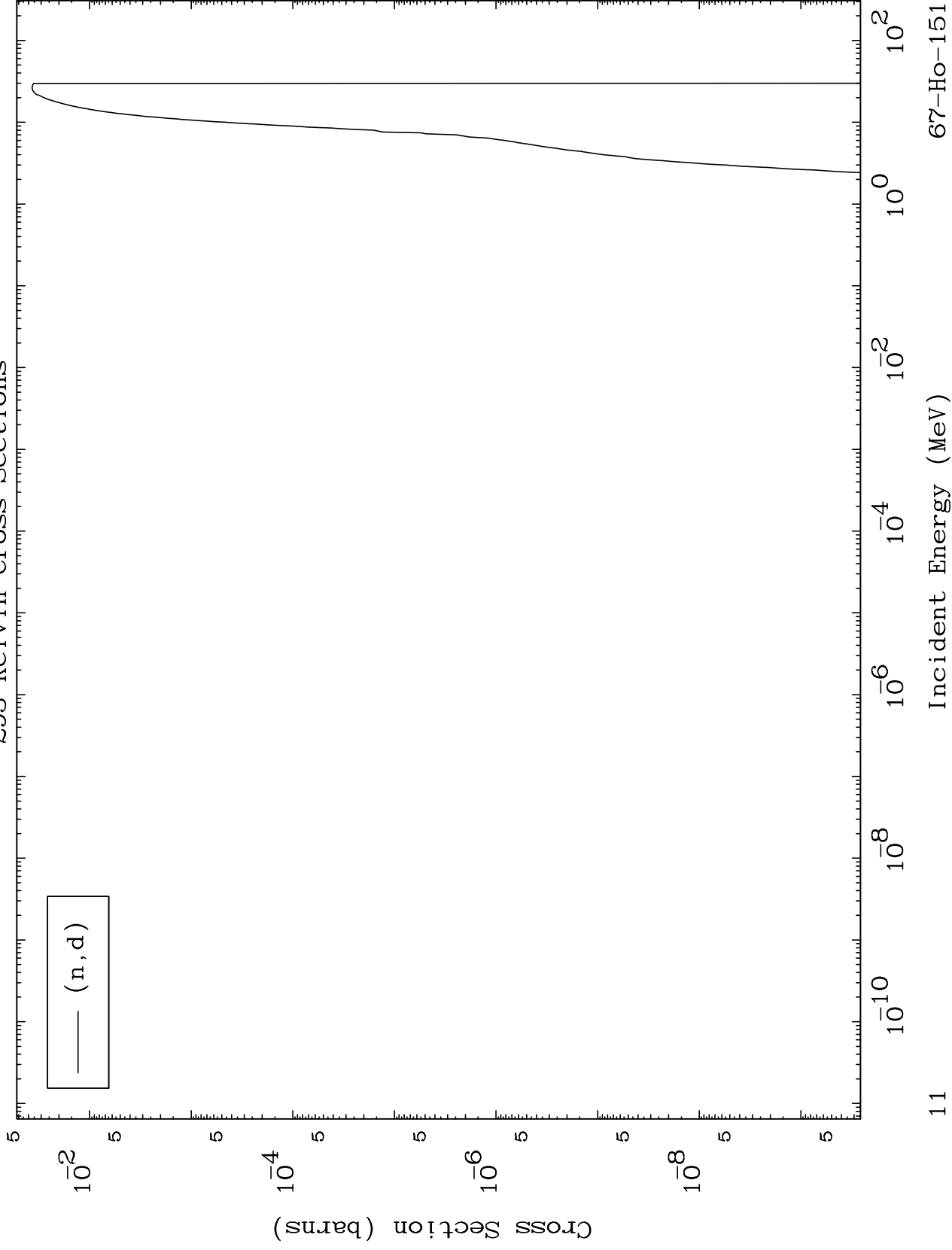
67-Ho-151



MAT 6684

(n,d) Levels
293 Kelvin Cross Sections

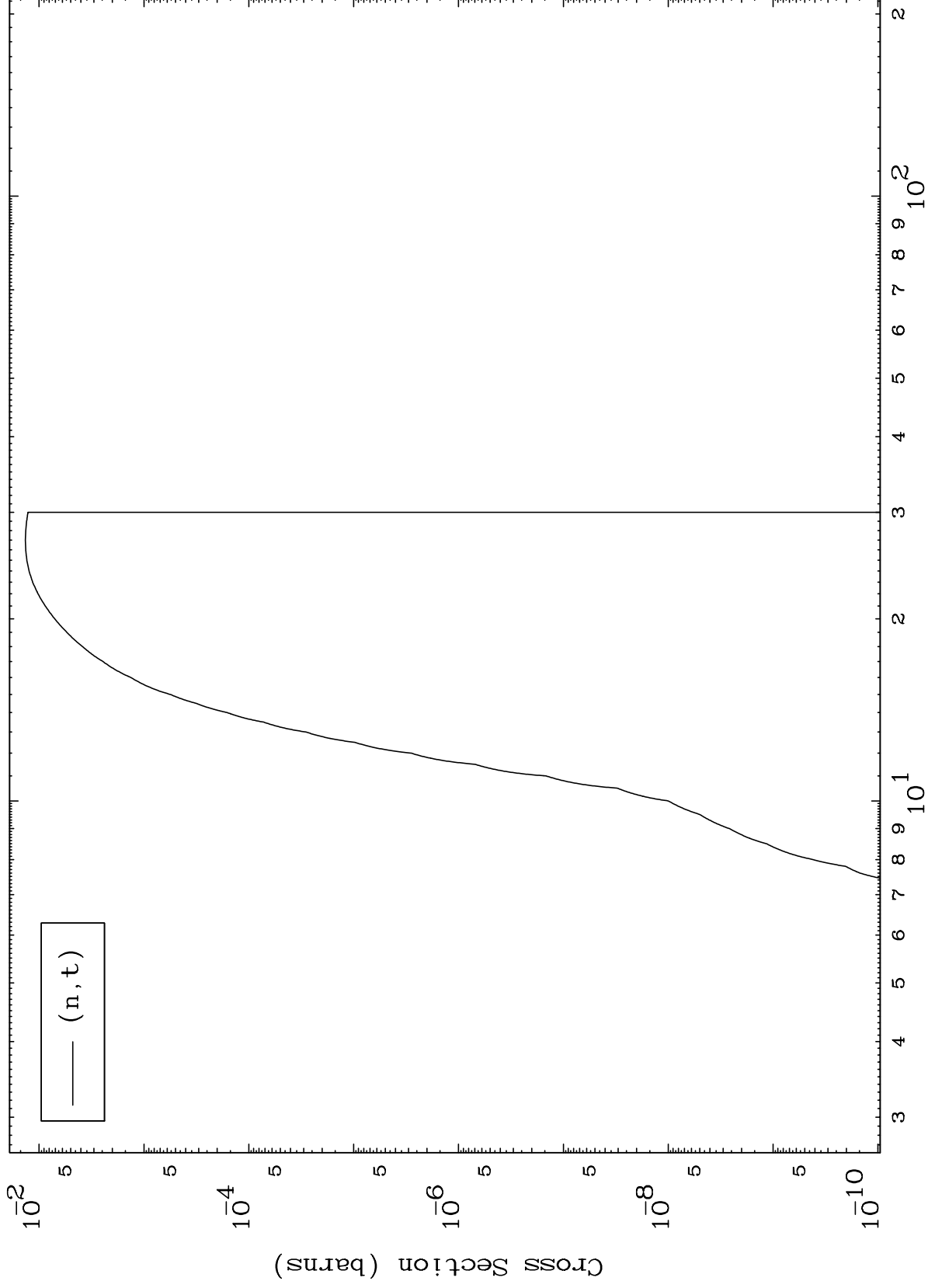
67-Ho-151



MAT 6684

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-151



12

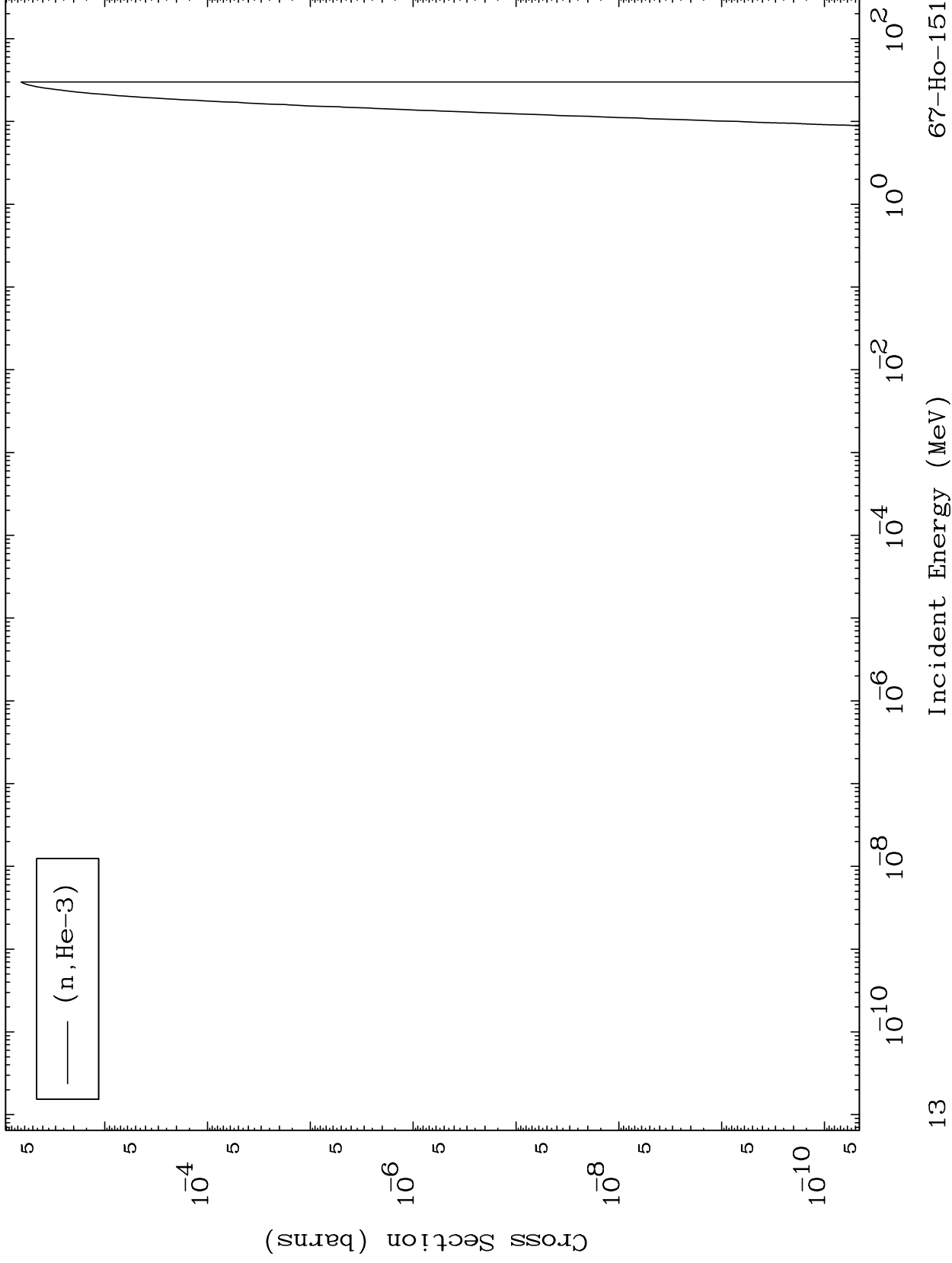
Incident Energy (MeV)

67-Ho-151

MAT 6684

(n,He3) Levels
293 Kelvin Cross Sections

67-Ho-151



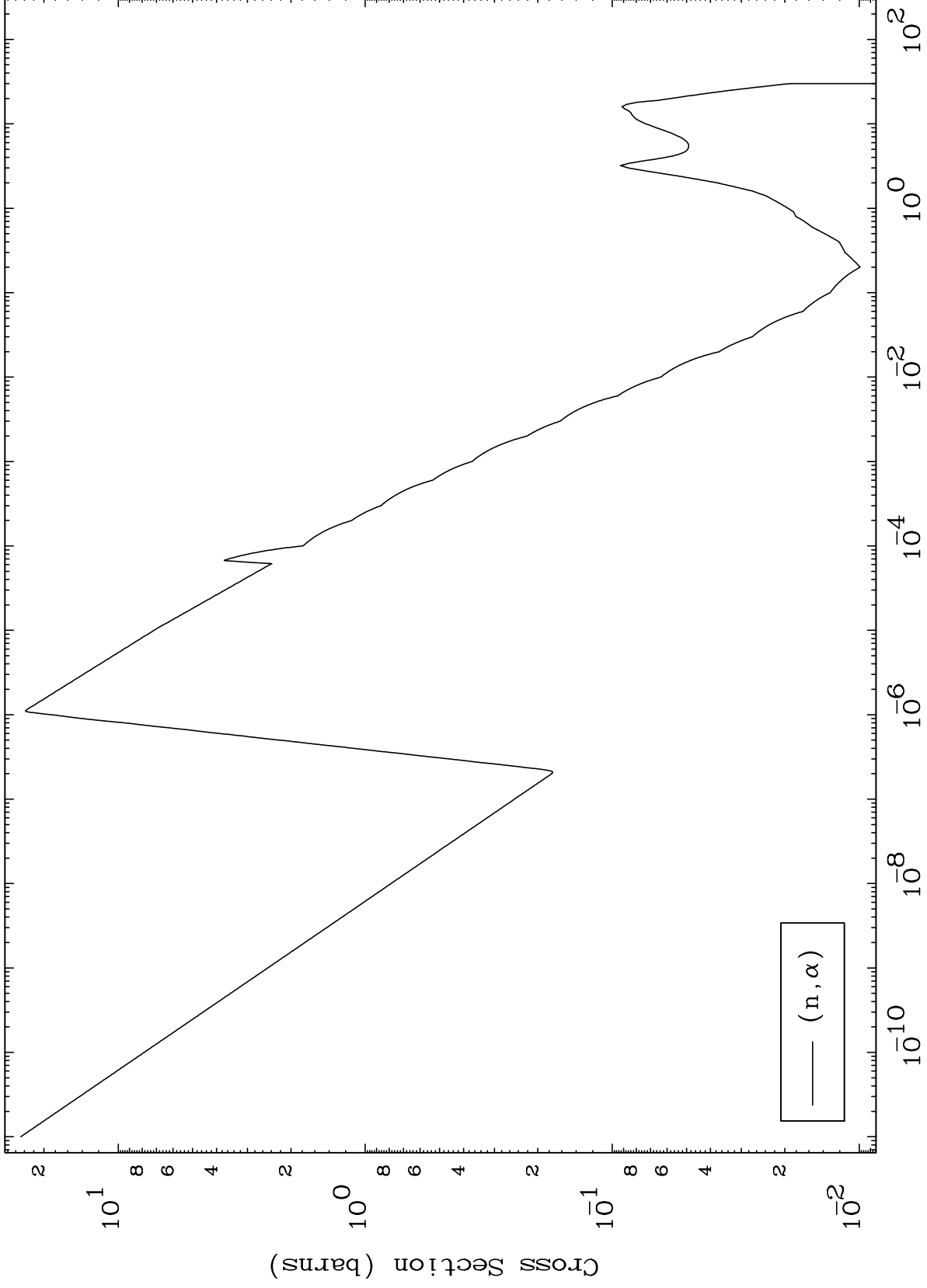
13

67-Ho-151

MAT 6684

(n, α) Levels
293 Kelvin Cross Sections

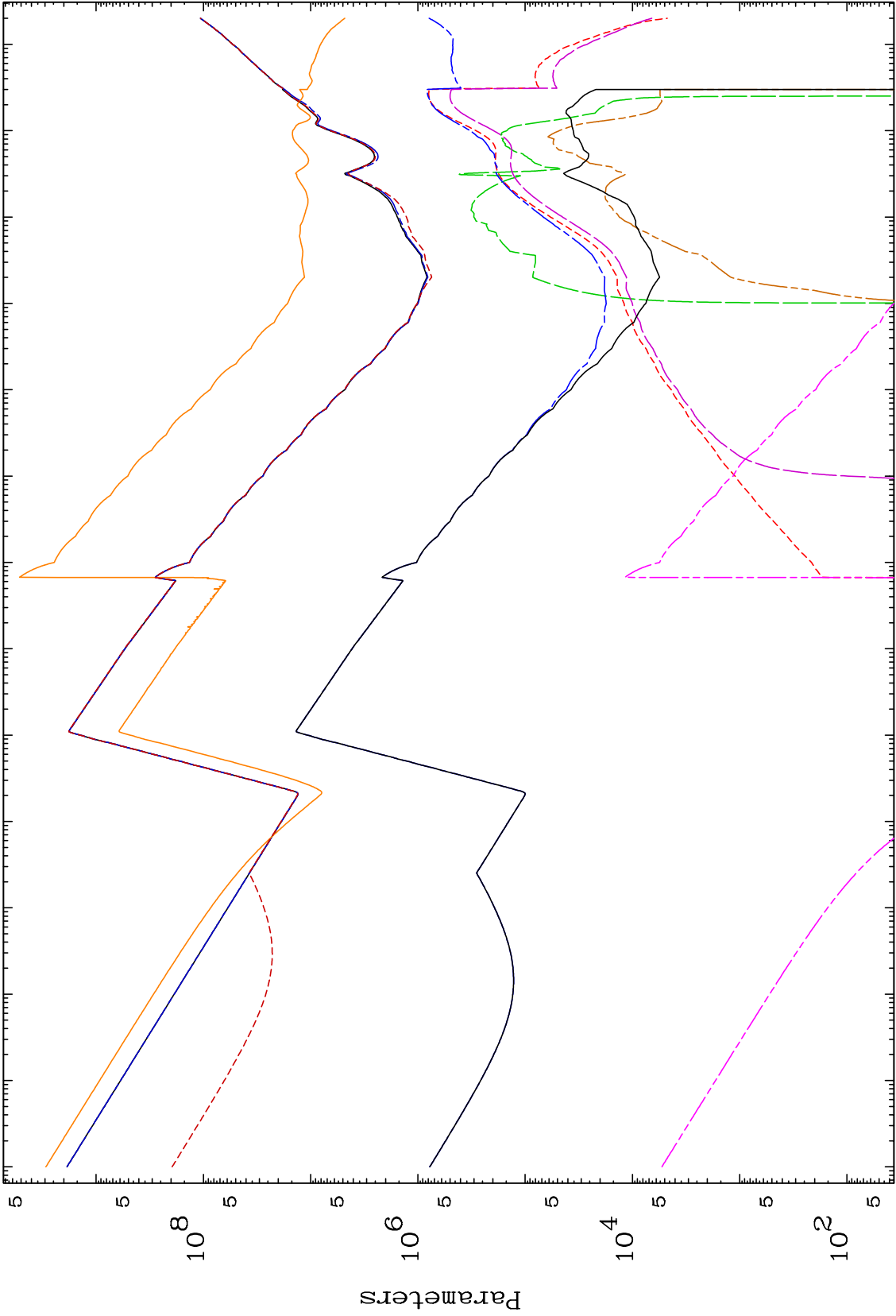
67-Ho-151



MAT 6684

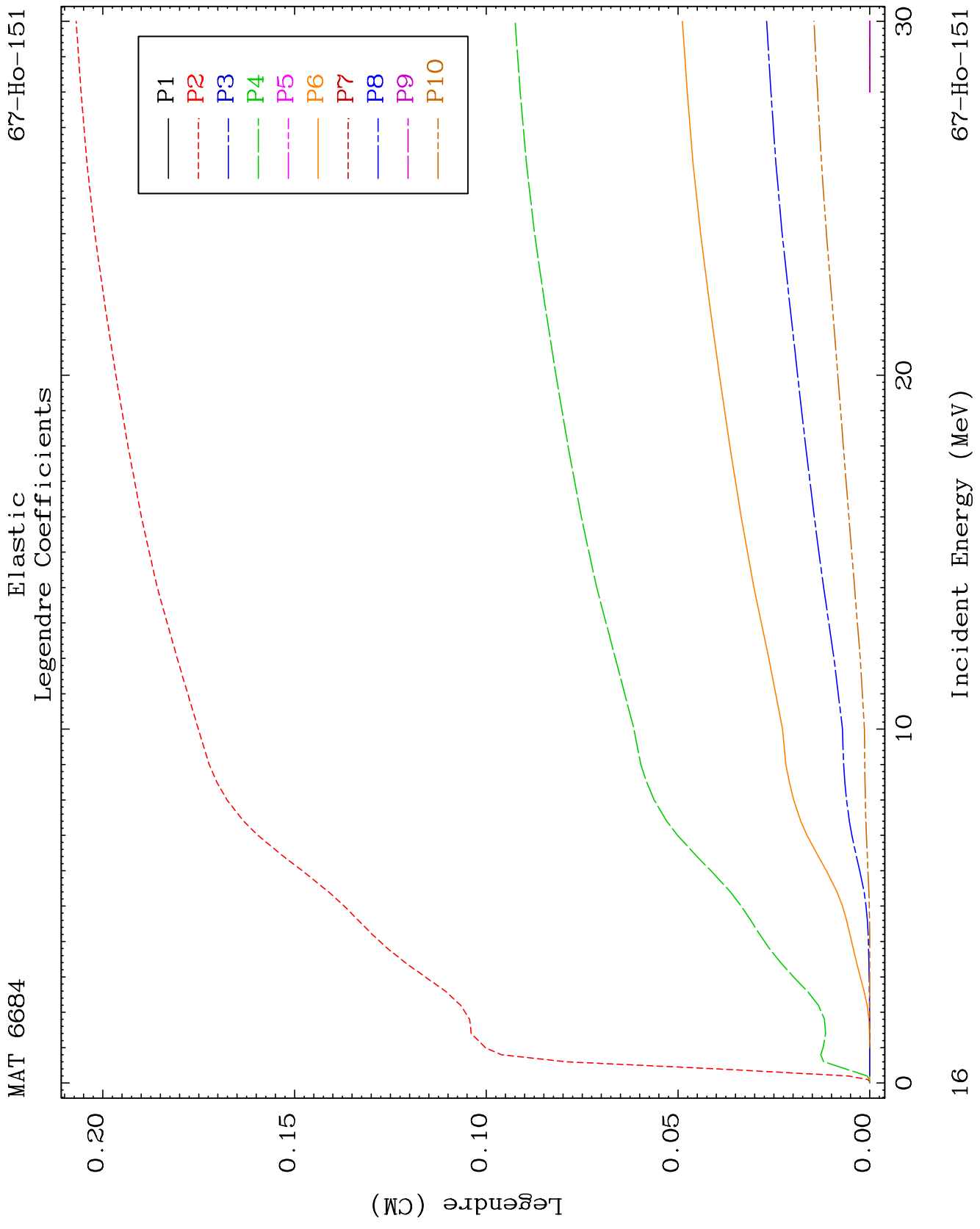
Energy Release
Parameters

67-Ho-151



15

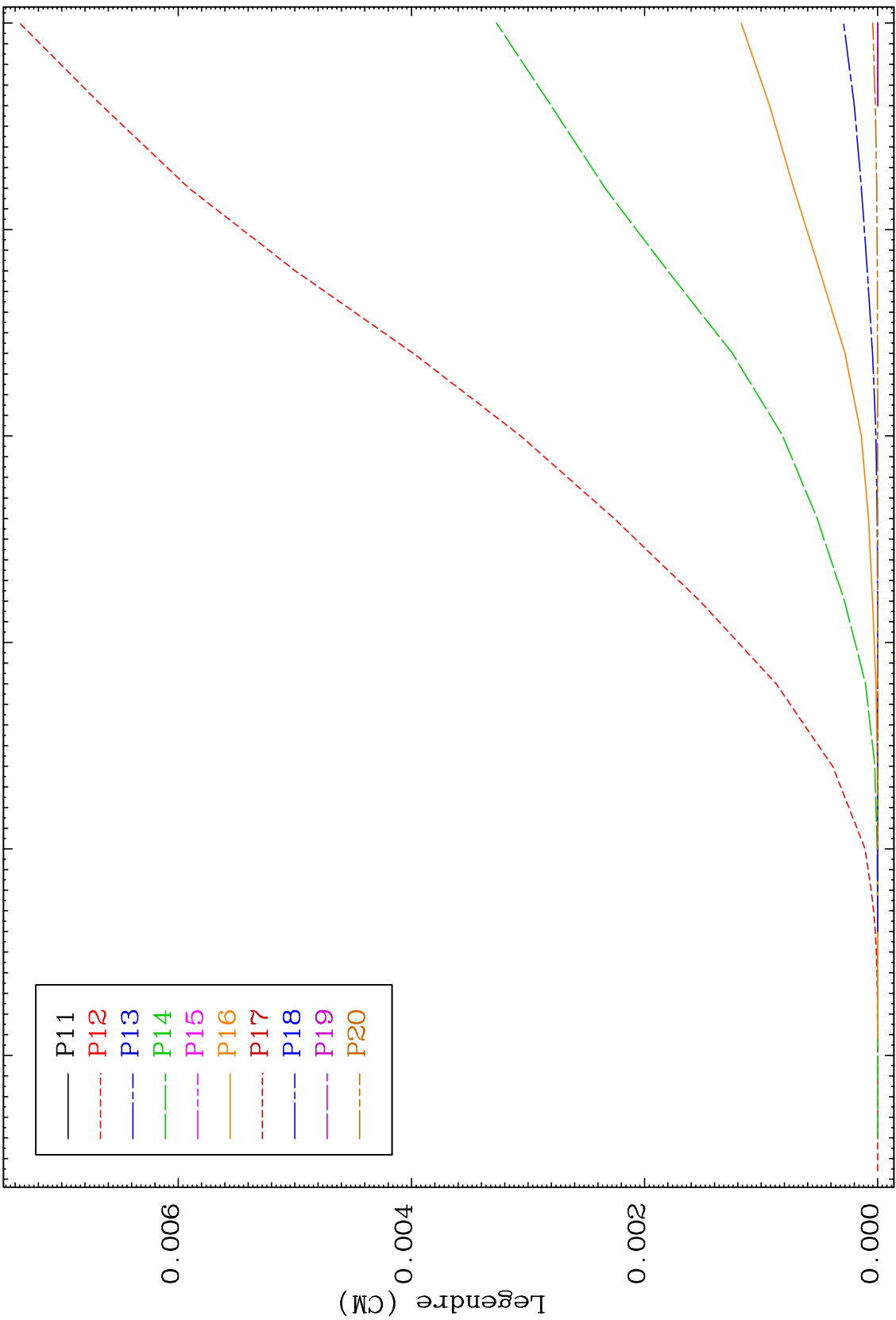
67-Ho-151



MAT 6684

Elastic Legendre Coefficients

67-Ho-151



17

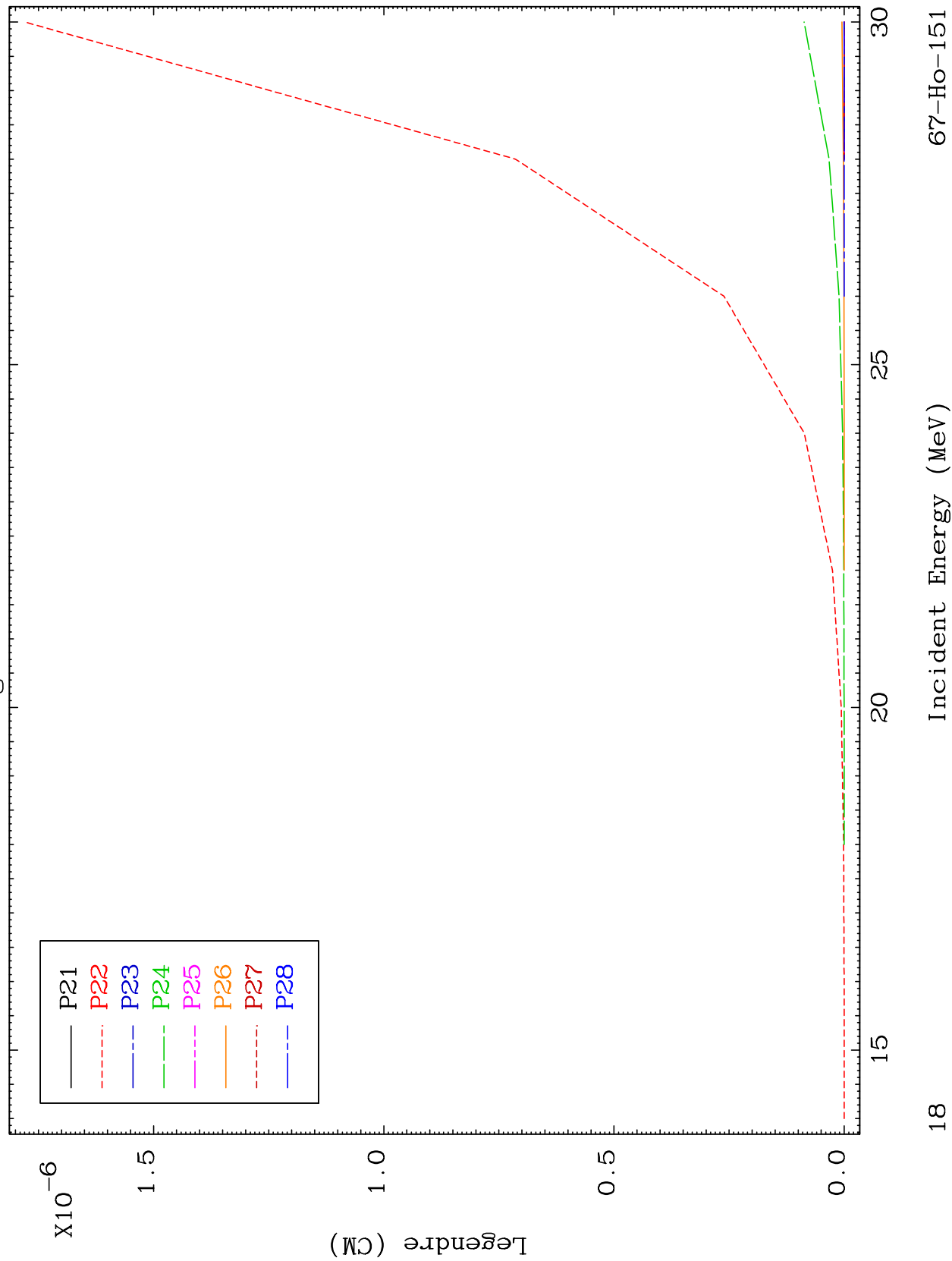
67-Ho-151

Incident Energy (MeV)

MAT 6684

Elastic Legendre Coefficients

67-Ho-151



18

Incident Energy (MeV)

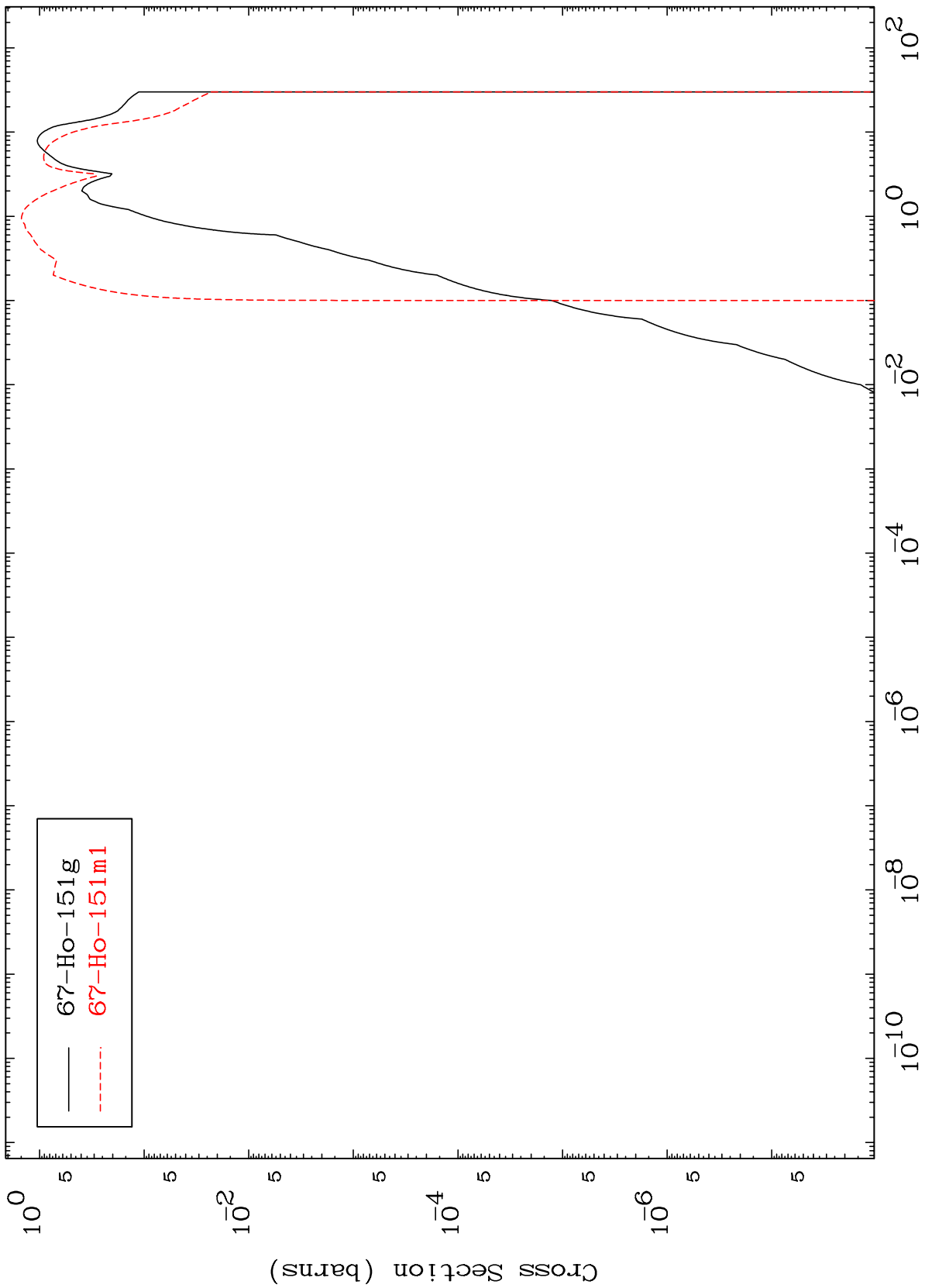
67-Ho-151

MAT 6684

Inelastic

⁶⁷Ho-151

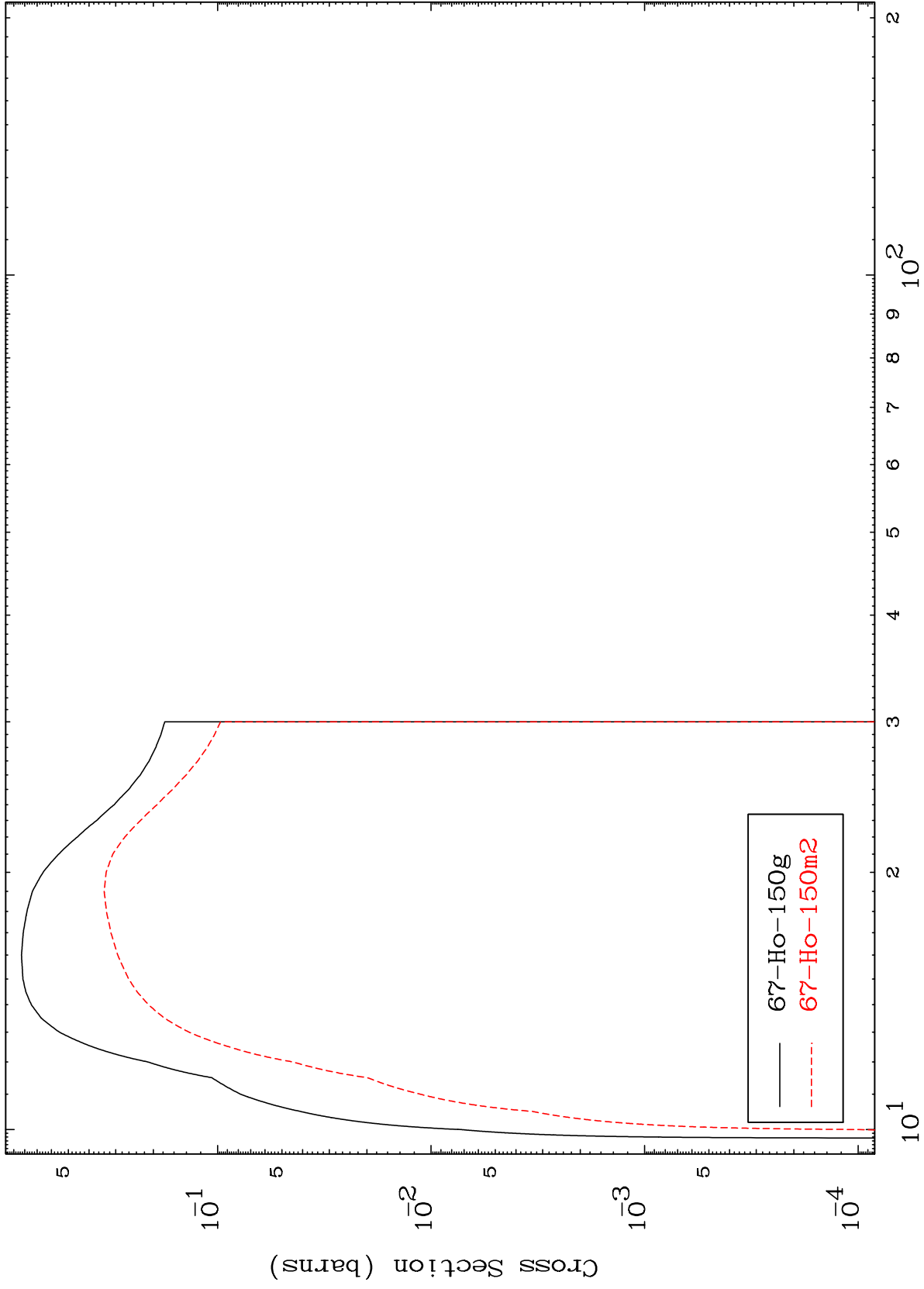
Radionuclide Production Cross Section



MAT 6684

67-Ho-151

(n,2n)
Radionuclide Production Cross Section



67-Ho-151

Incident Energy (MeV)

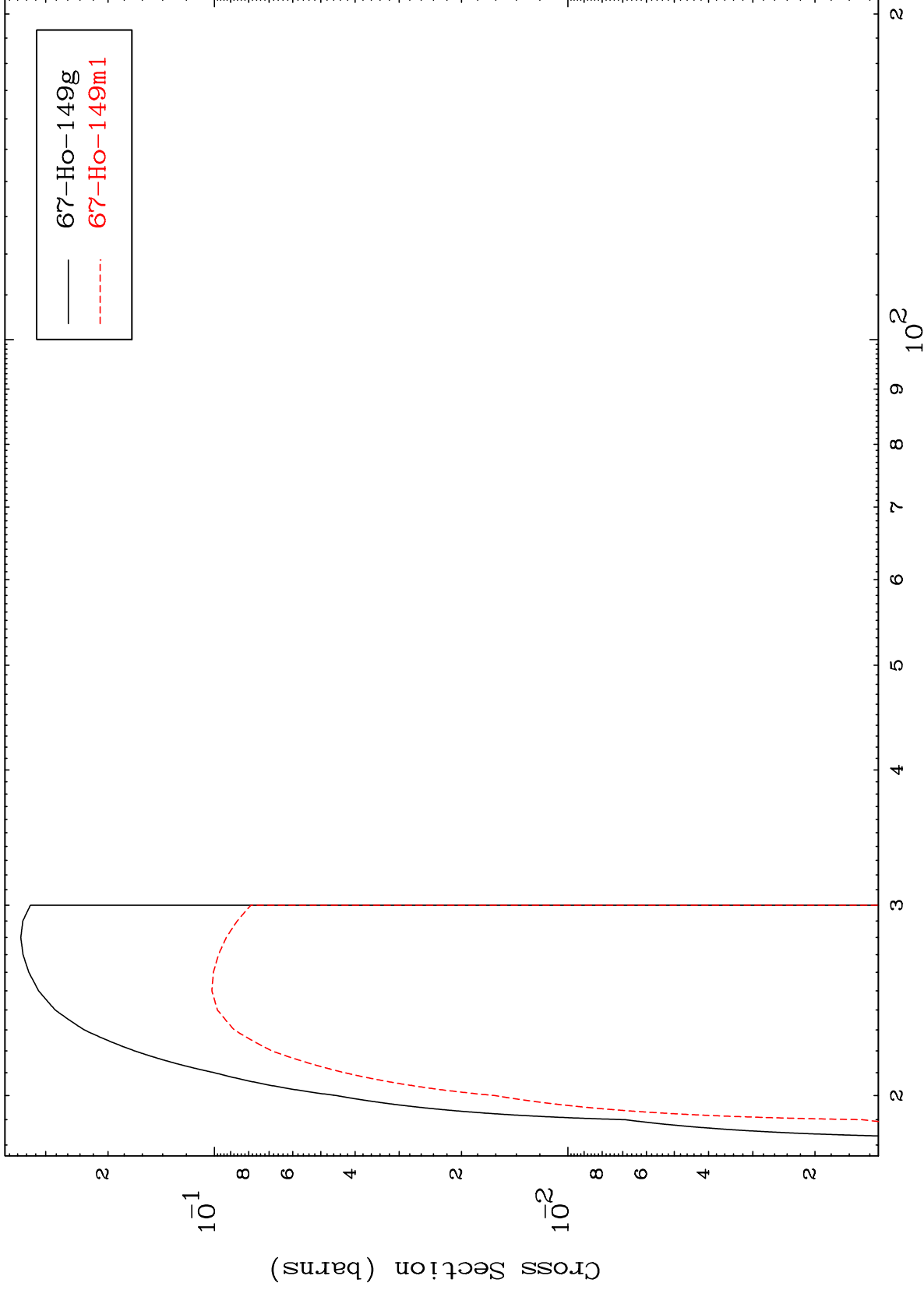
20

MAT 6684

(n,3n)

67-Ho-151

Radionuclide Production Cross Section



21

Incident Energy (MeV)

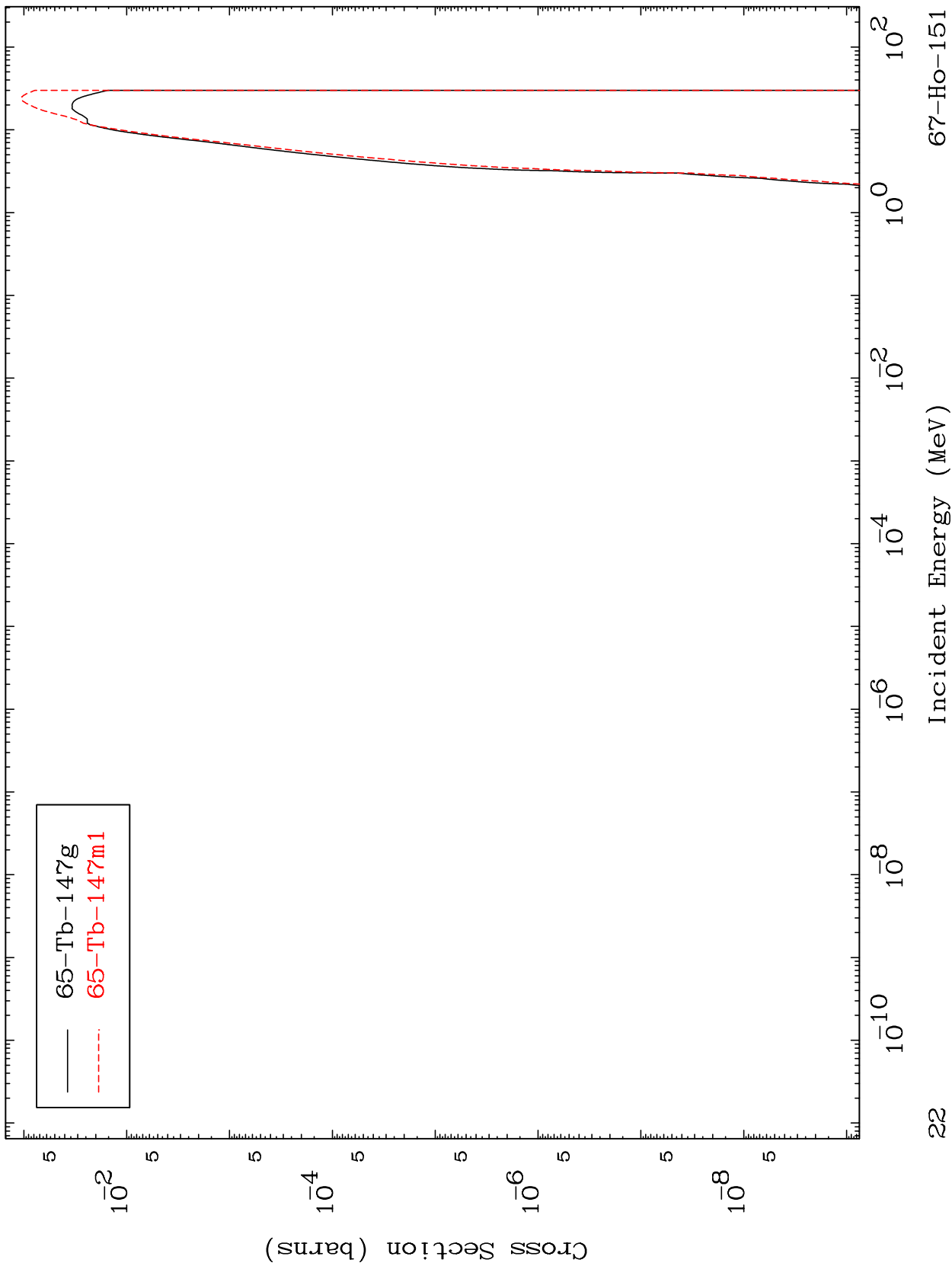
67-Ho-151

MAT 6684

$(n, n') \alpha$

67-Ho-151

Radionuclide Production Cross Section



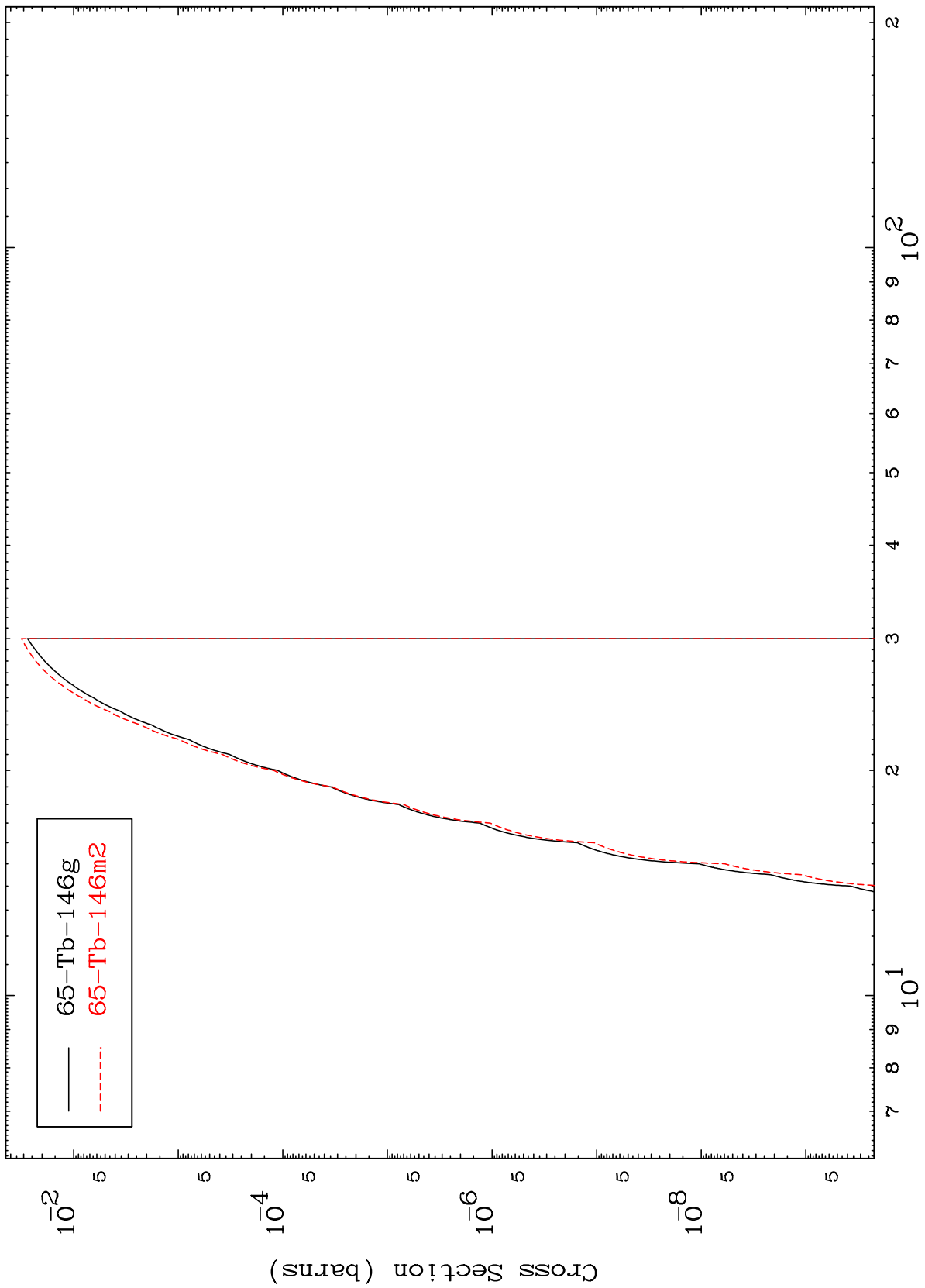
65-Tb-147g
65-Tb-147m1

MAT 6684

$(n,2n) \alpha$

67-Ho-151

Radionuclide Production Cross Section

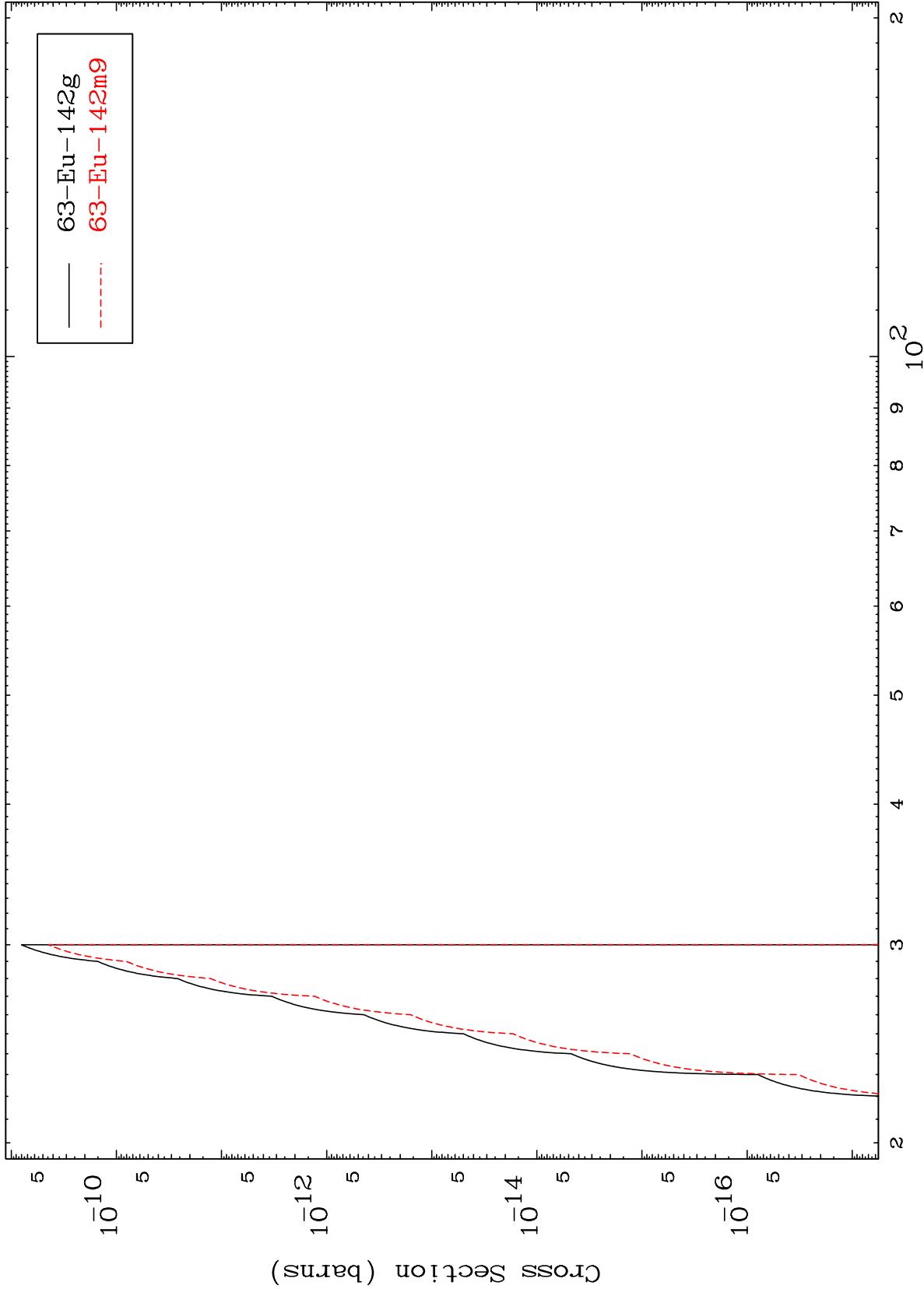


MAT 6684

(n,2n) 2α

67-Ho-151

Radionuclide Production Cross Section



24

Incident Energy (MeV)

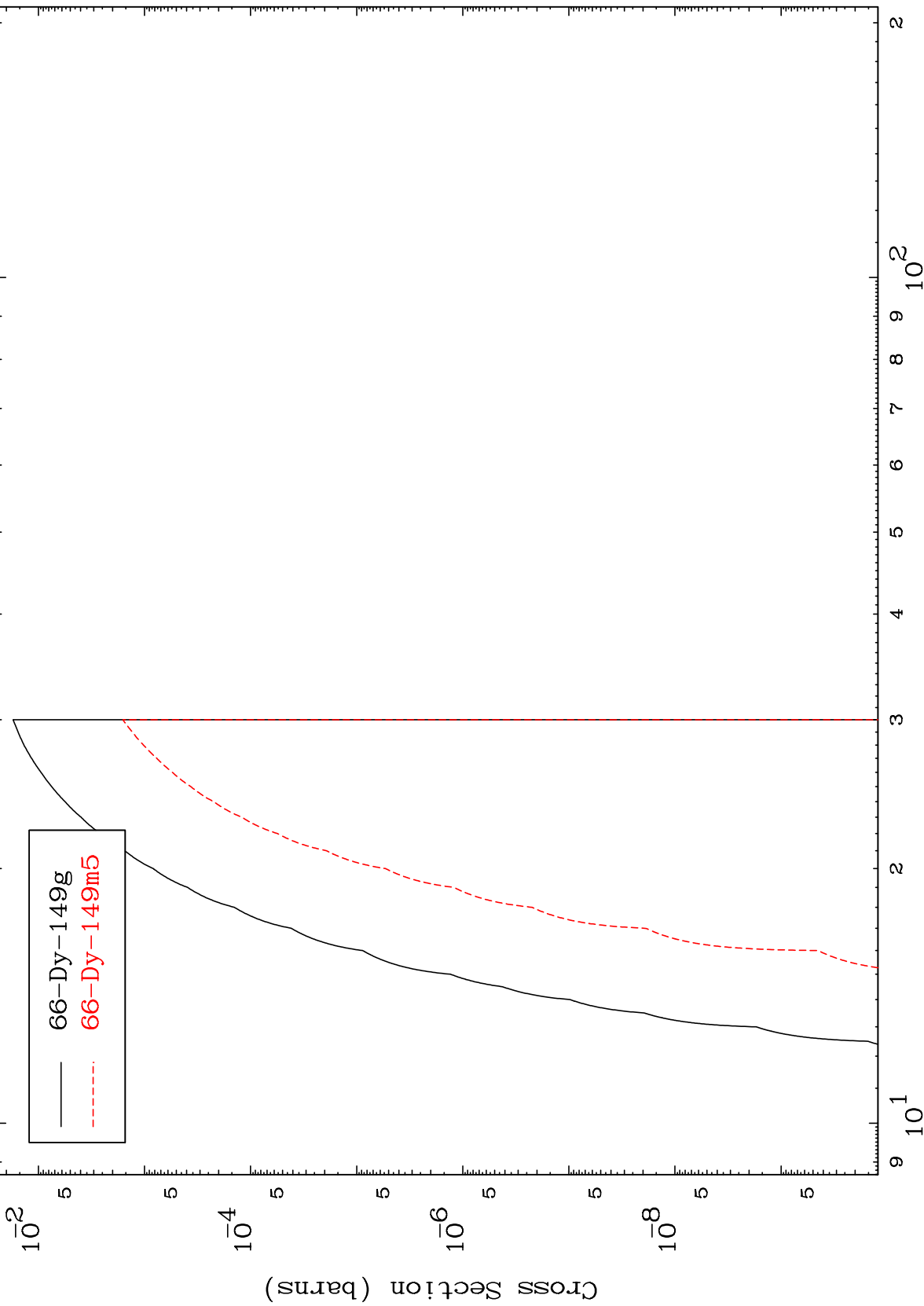
67-Ho-151

MAT 6684

(n,n') d

67-Ho-151

Radionuclide Production Cross Section



Incident Energy (MeV)

67-Ho-151

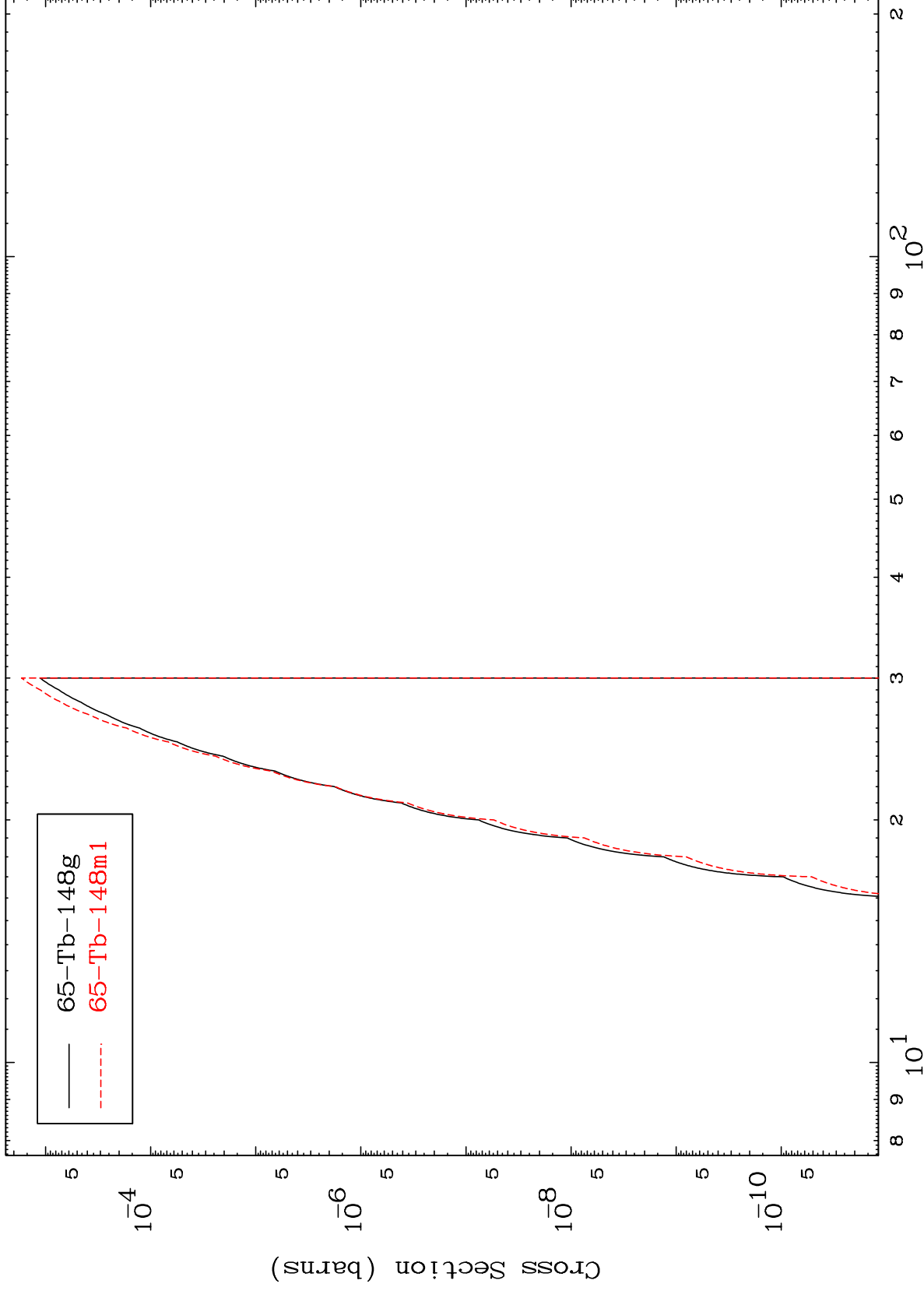
25

MAT 6684

(n,n') He-3

67-Ho-151

Radionuclide Production Cross Section

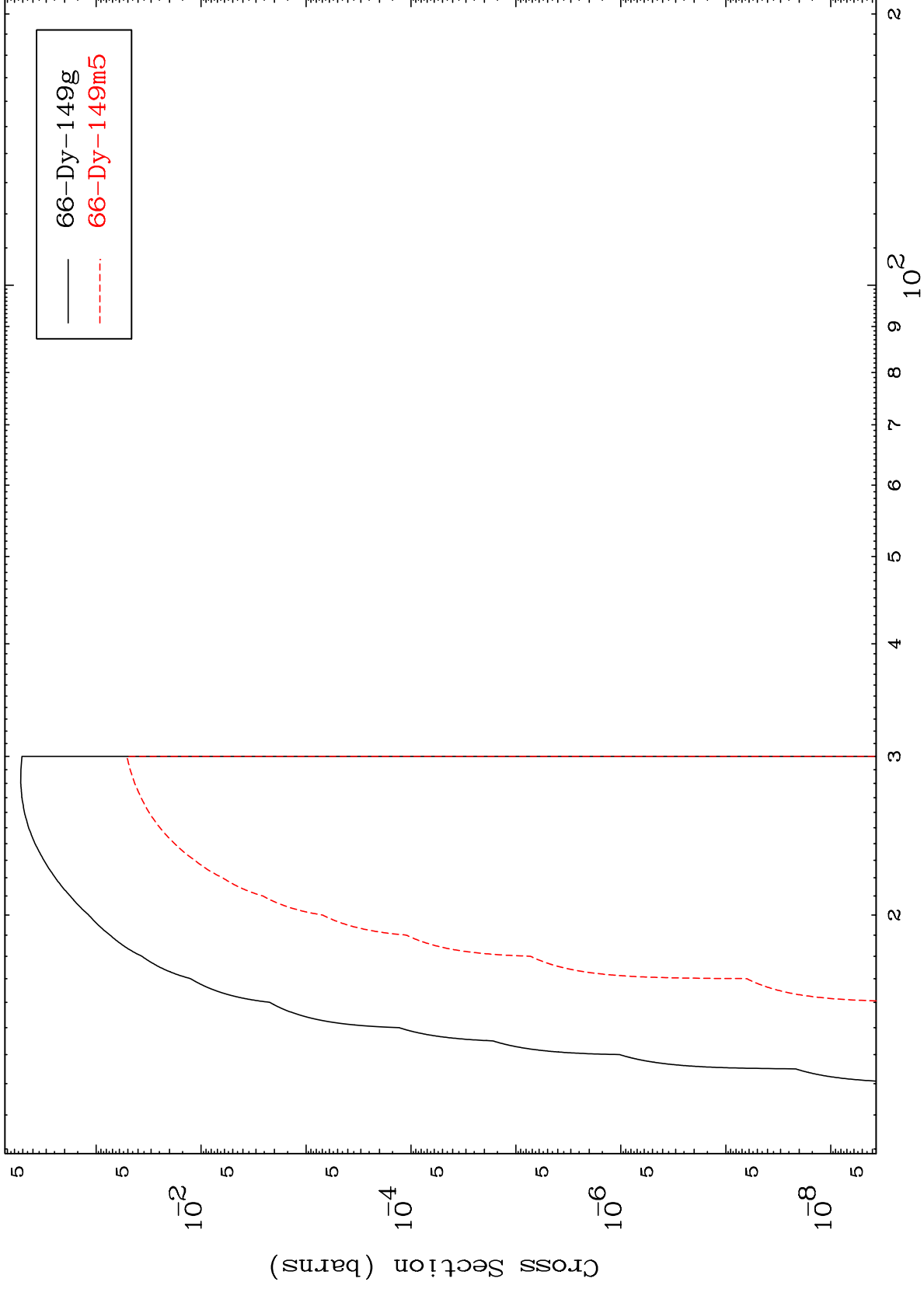


26

Incident Energy (MeV)

67-Ho-151

Radionuclide Production Cross Section

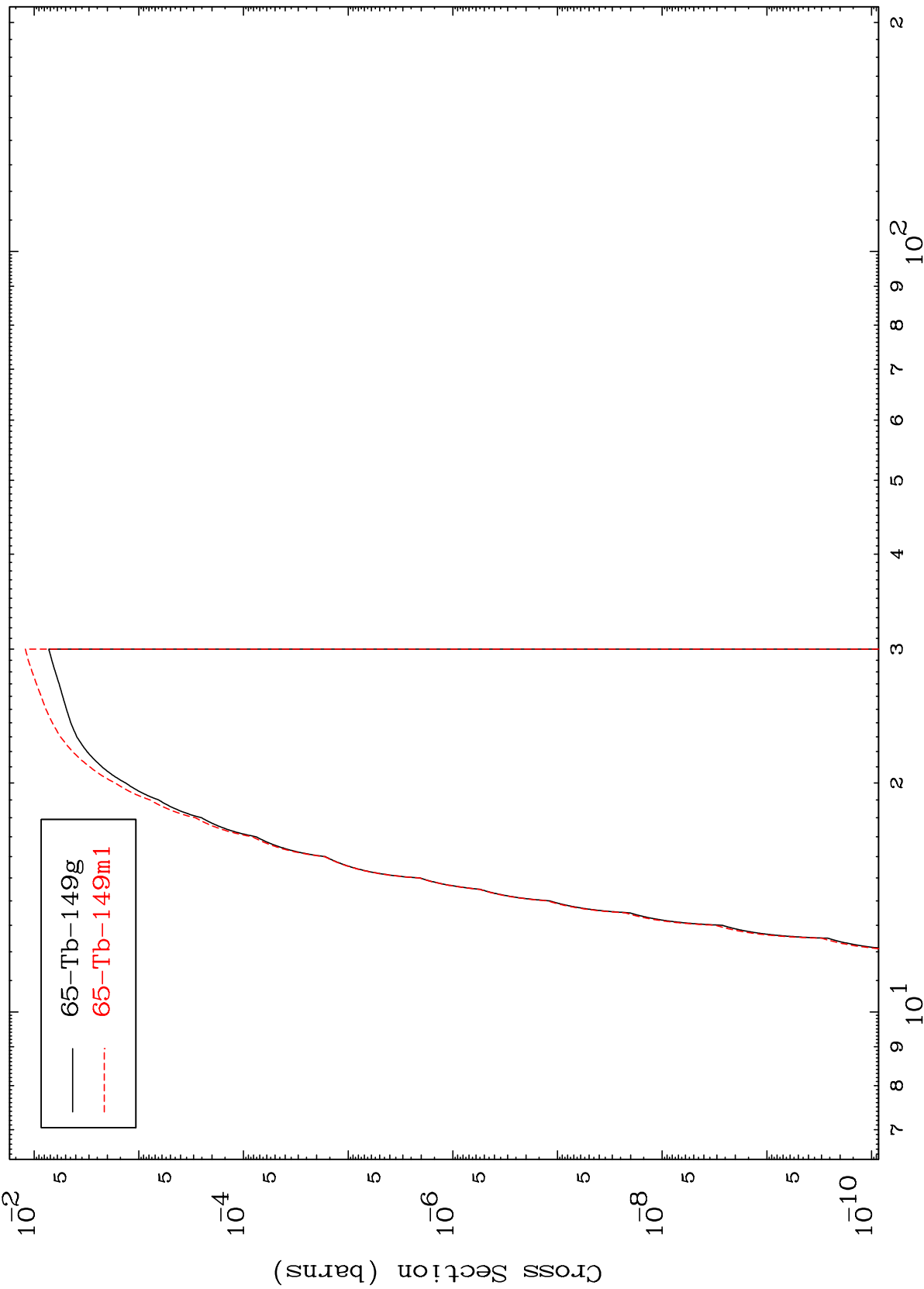


MAT 6684

(n,2n) p

67-Ho-151

Radionuclide Production Cross Section



28

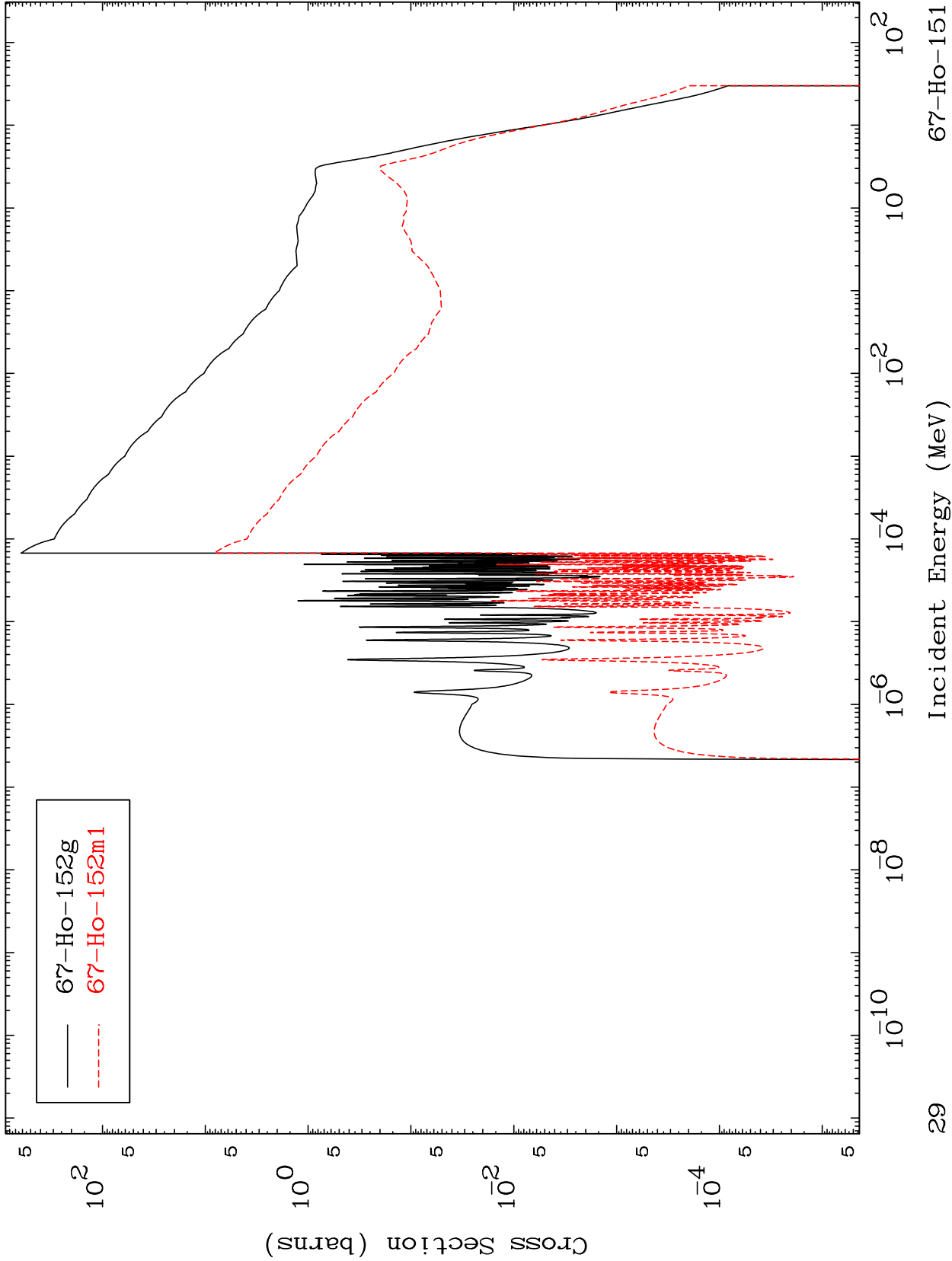
Incident Energy (MeV)

67-Ho-151

MAT 6684

⁶⁷Ho-151

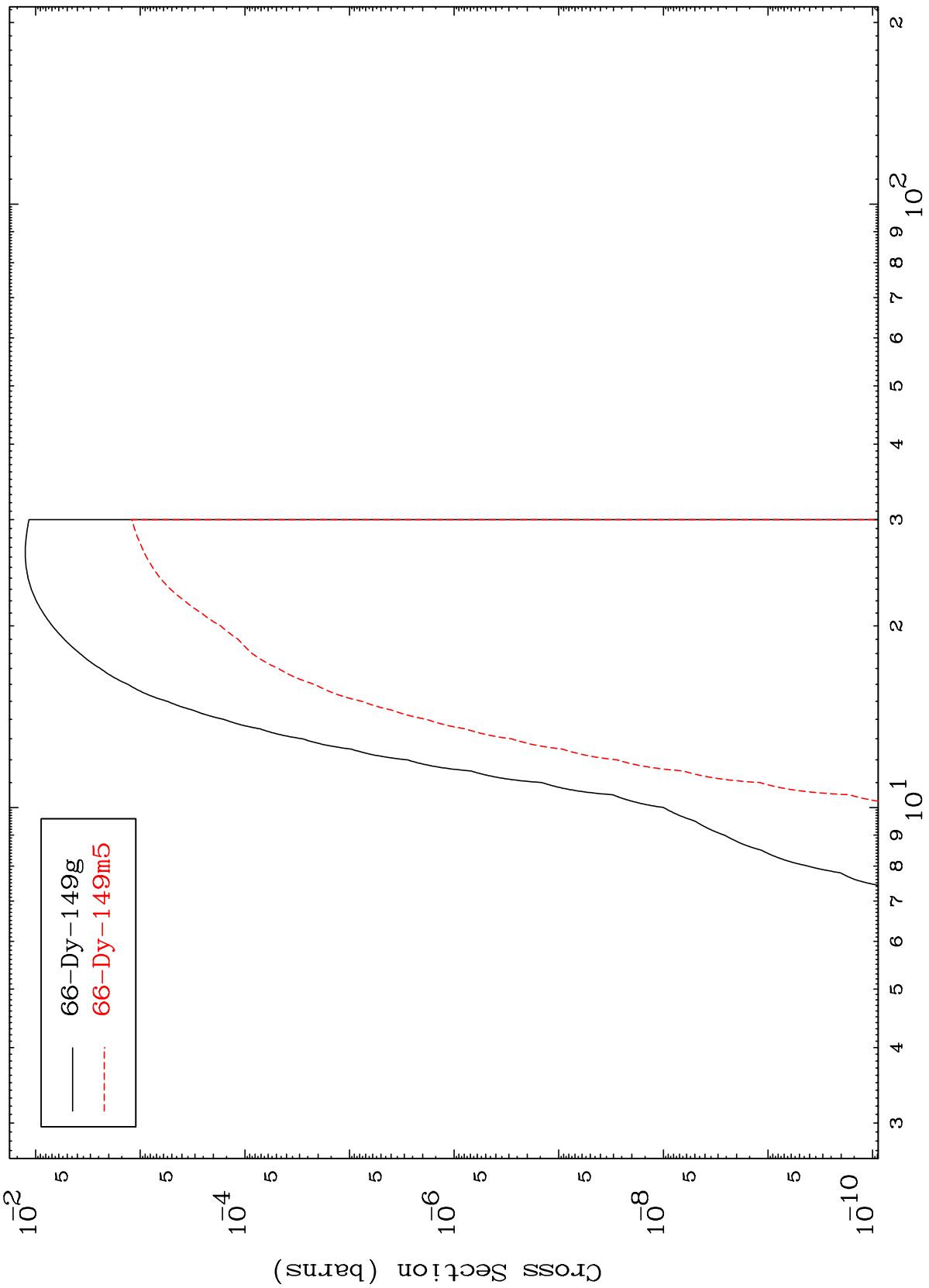
(n,γ)
Radionuclide Production Cross Section



MAT 6684

67-Ho-151

(n, t)
Radionuclide Production Cross Section



— 66-Dy-149g
- - - 66-Dy-149m5

67-Ho-151

Incident Energy (MeV)

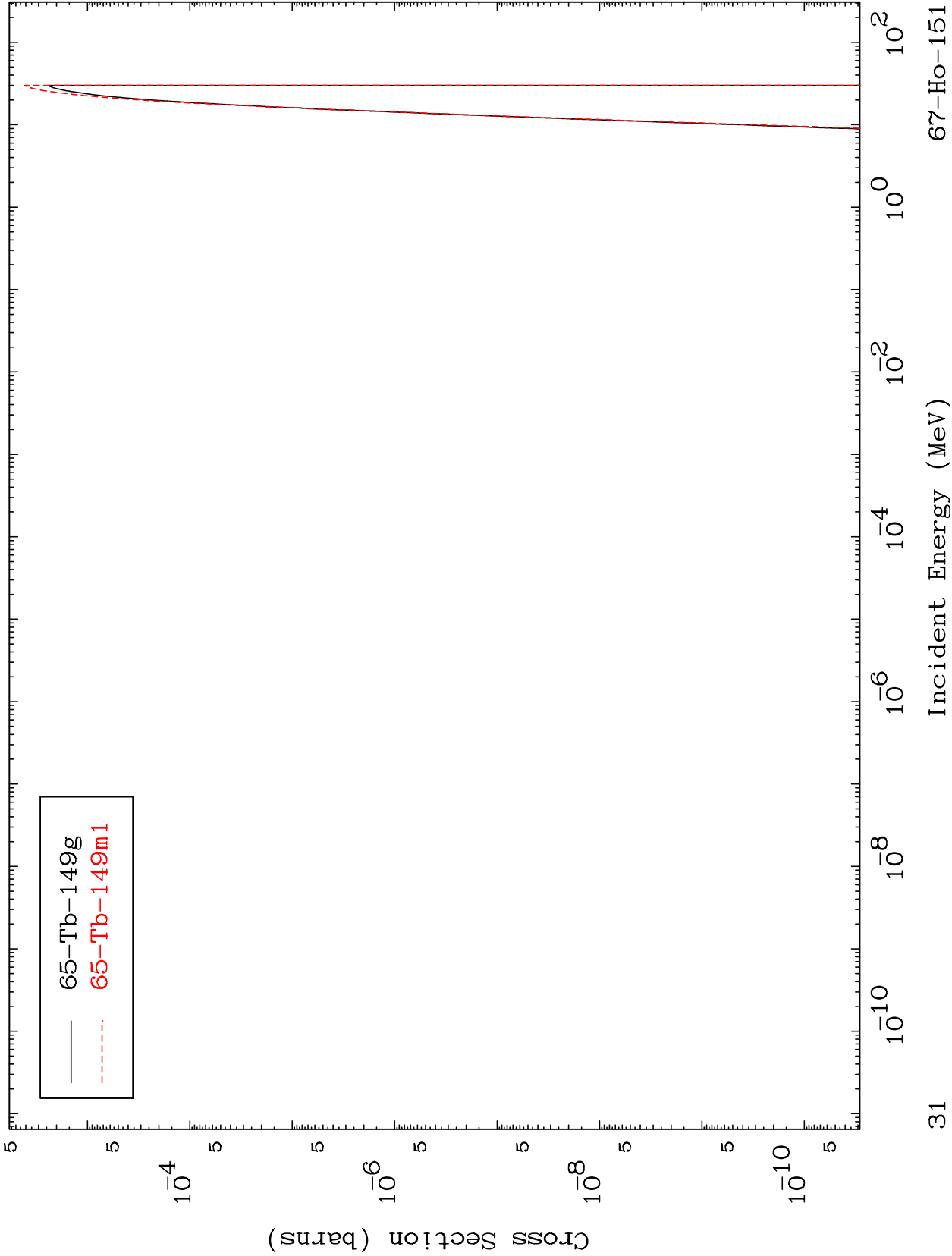
30

MAT 6684

(n,He-3)

67-Ho-151

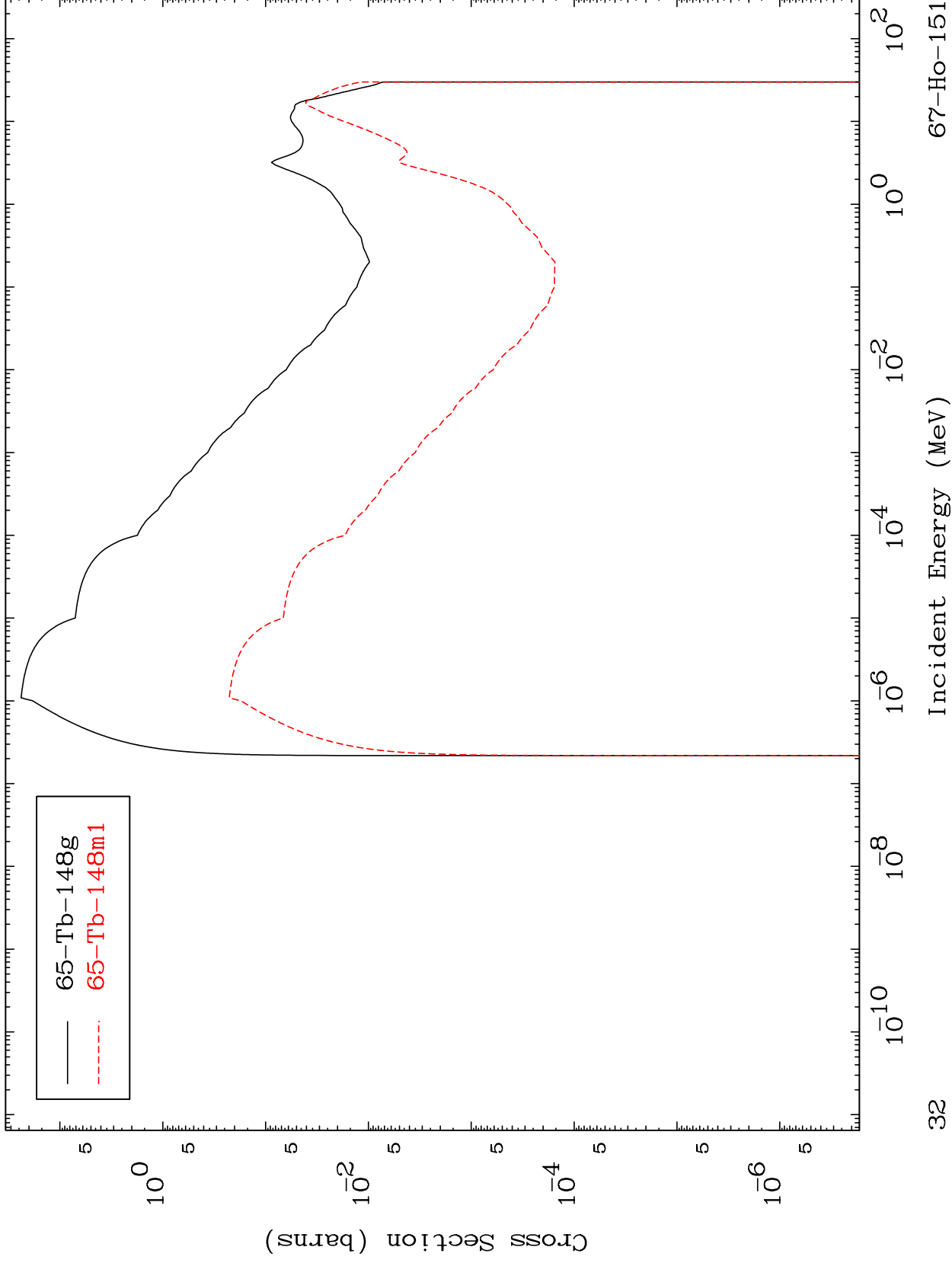
Radionuclide Production Cross Section



MAT 6684

67-Ho-151

Radionuclide Production Cross Section

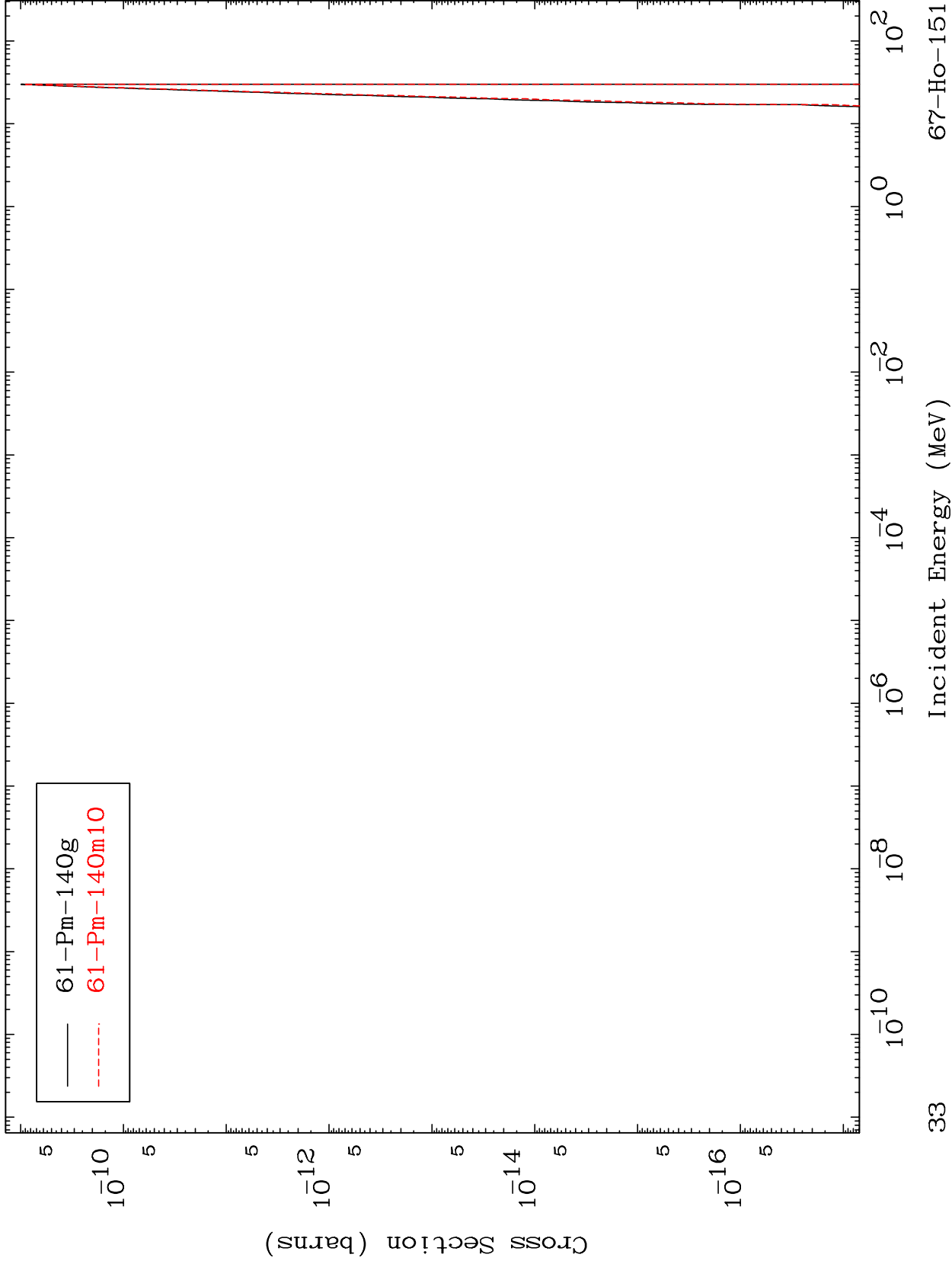


MAT 6684

(n,3α)

67-Ho-151

Radionuclide Production Cross Section

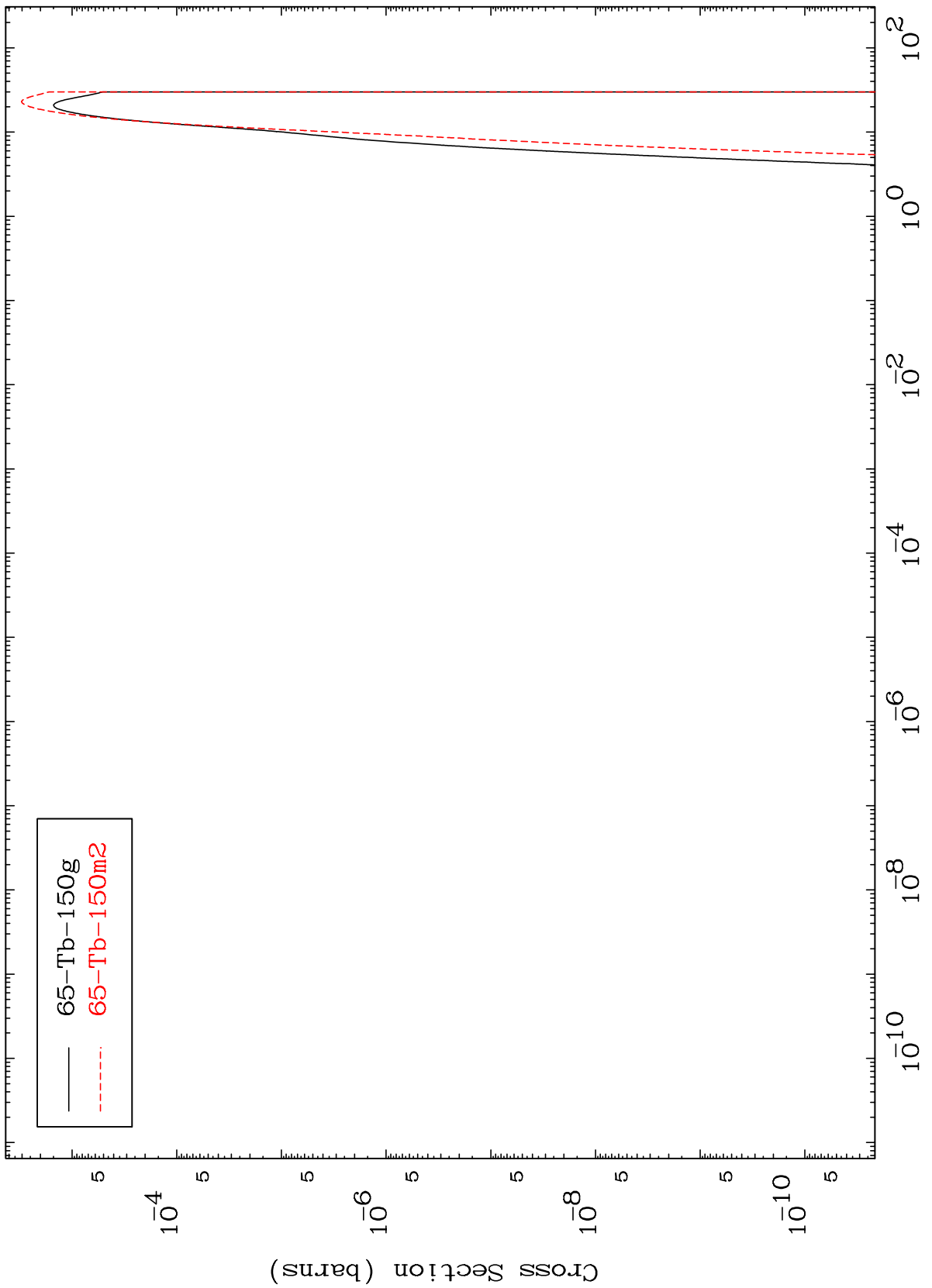


MAT 6684

(n,2p)

67-Ho-151

Radionuclide Production Cross Section

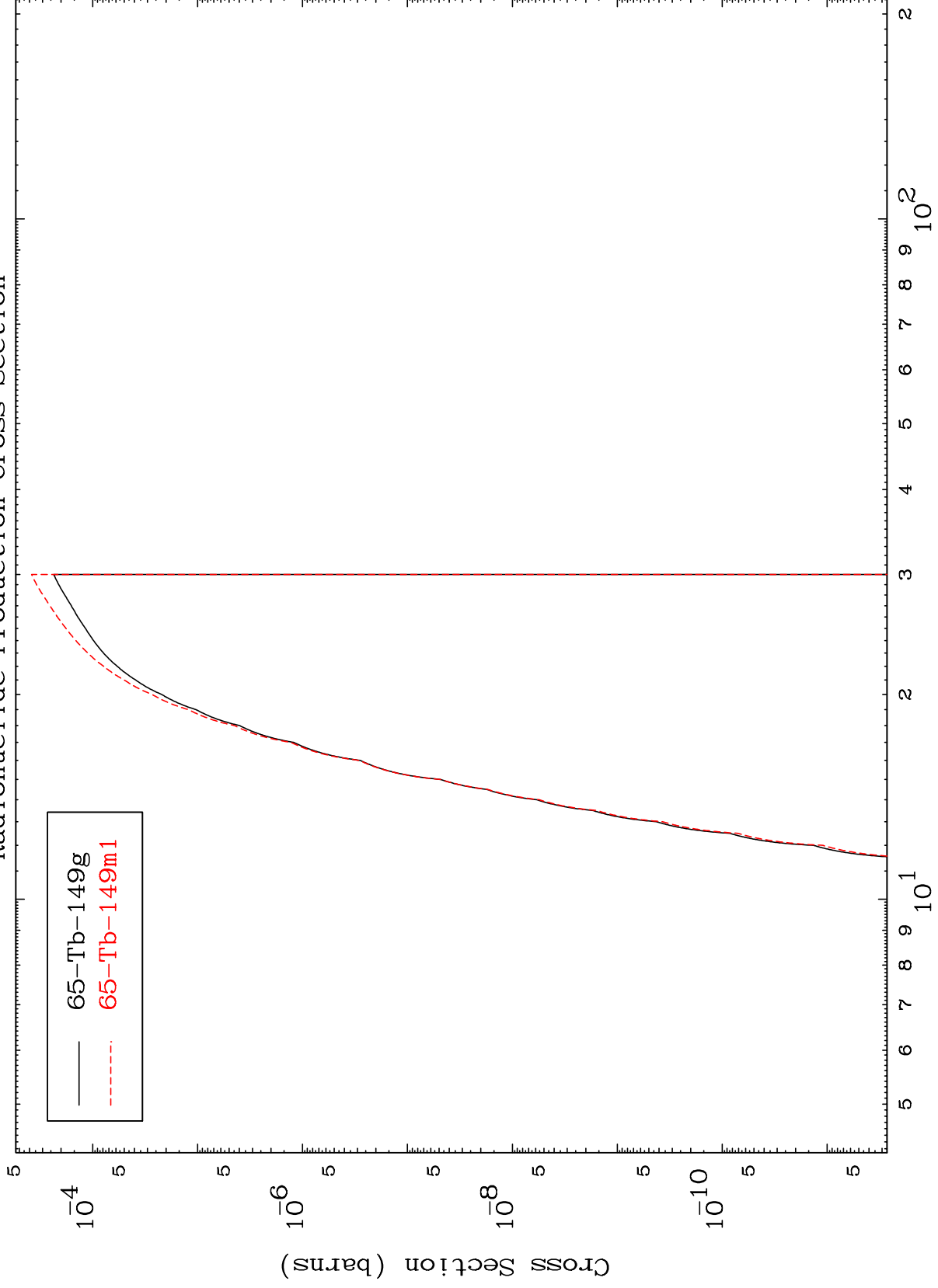


MAT 6684

$^{67}\text{Ho-151}$ (n,p) d

$^{67}\text{Ho-151}$

Radionuclide Production Cross Section



35

Incident Energy (MeV)

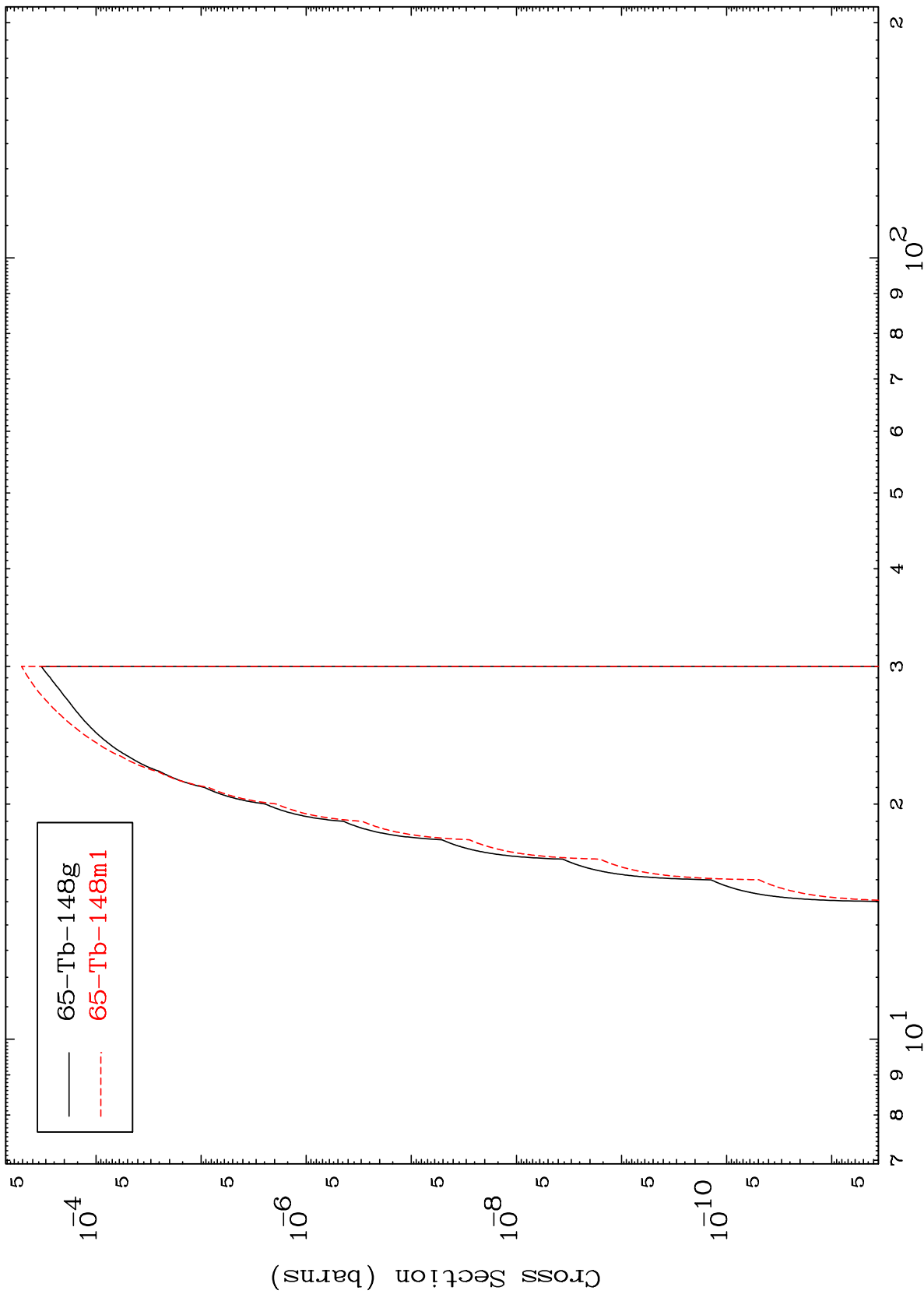
$^{67}\text{Ho-151}$

MAT 6684

(n,p) t

67-Ho-151

Radionuclide Production Cross Section



36

Incident Energy (MeV)

67-Ho-151