

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

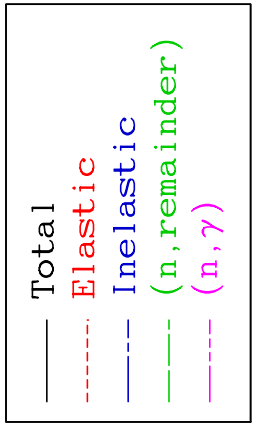
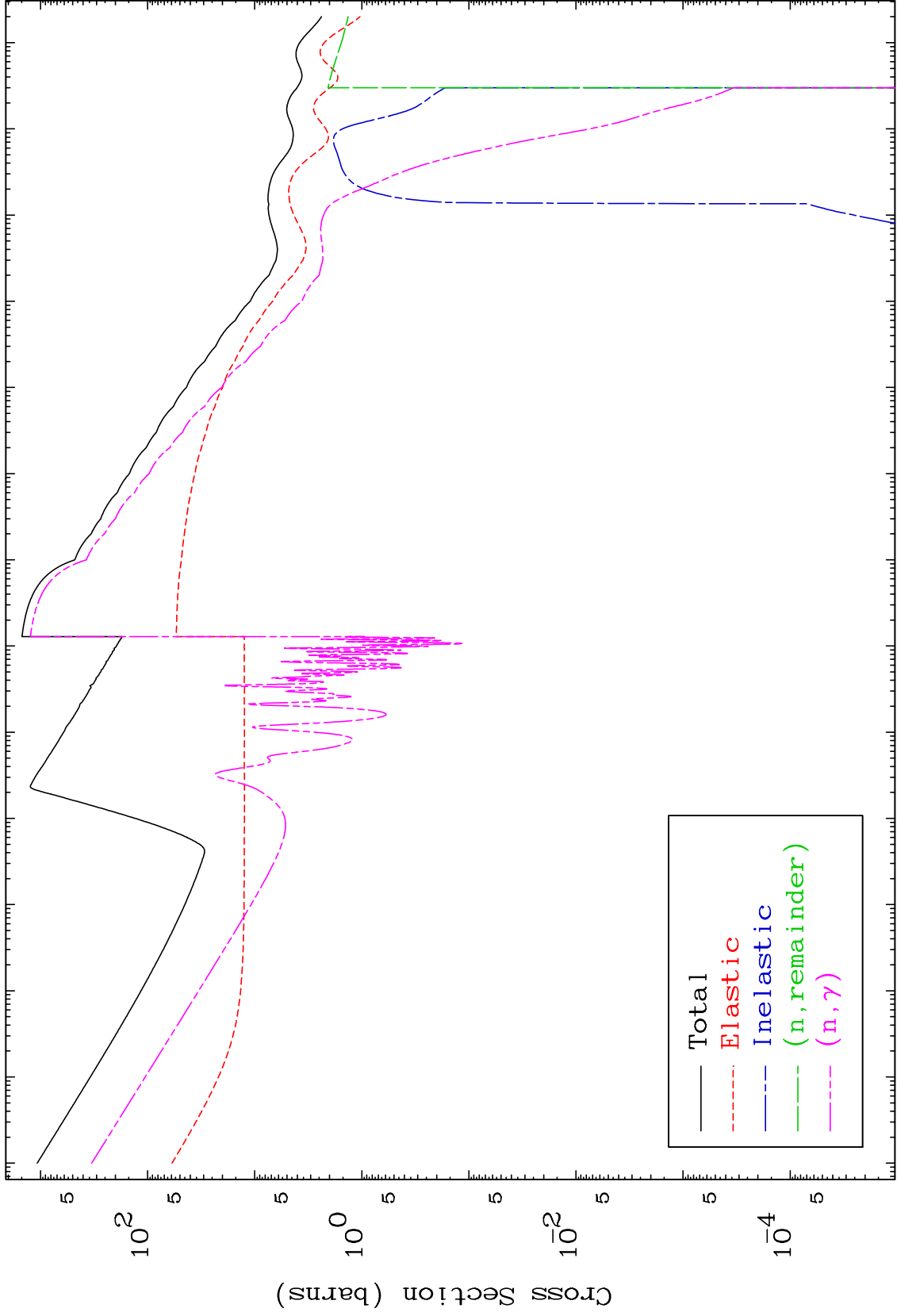
Press Mouse Button to Start

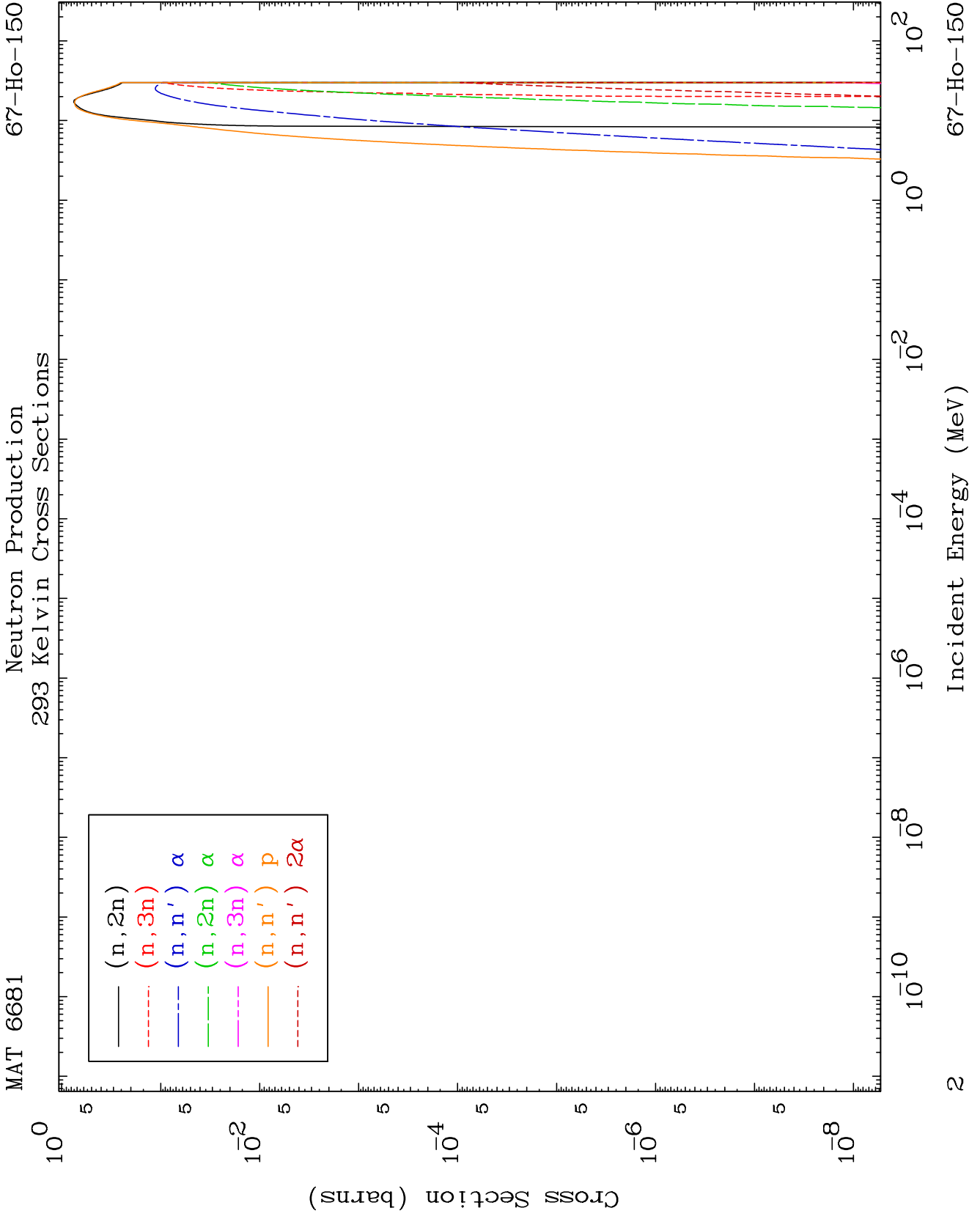
MAT 6681

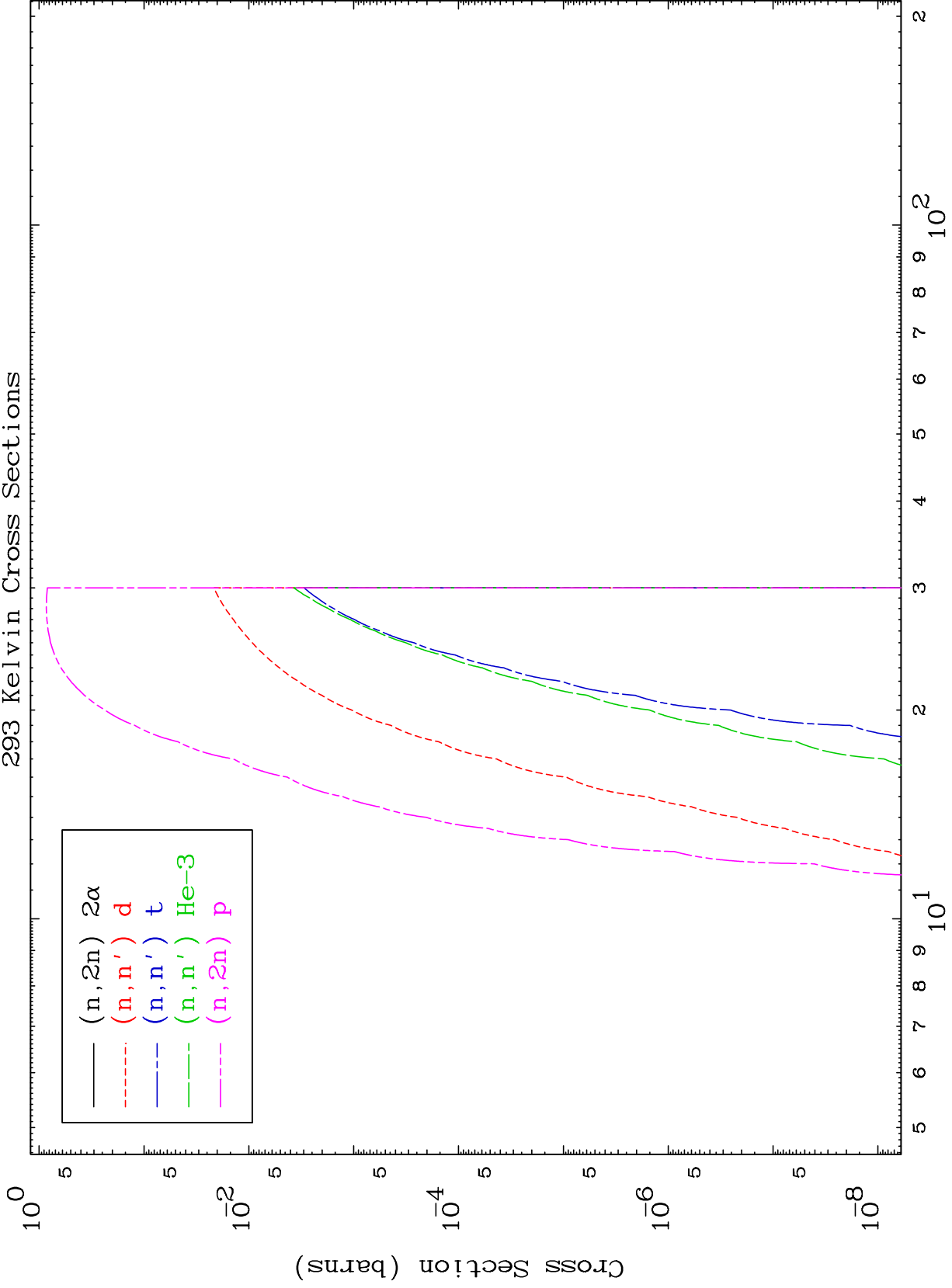
Major

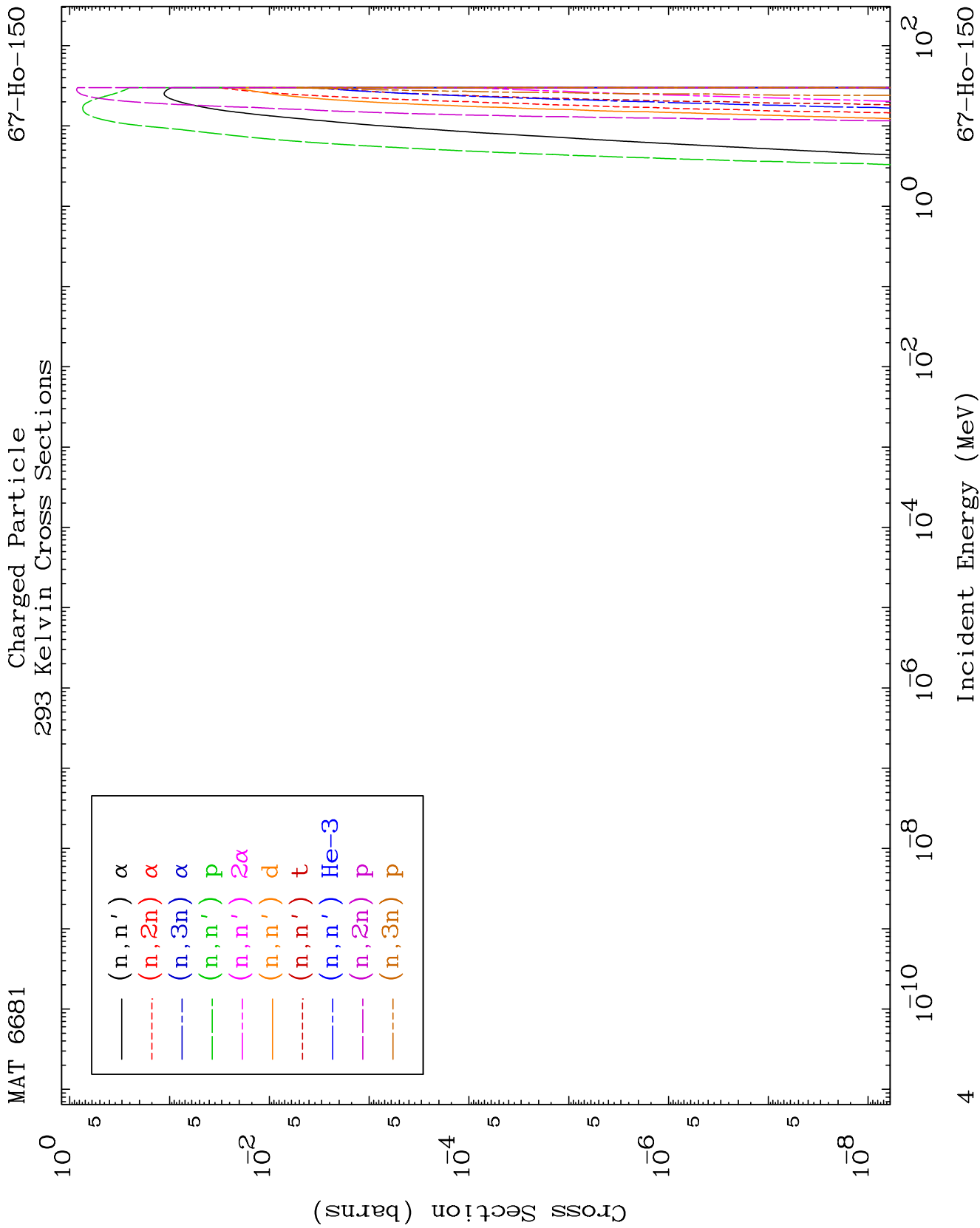
293 Kelvin Cross Sections

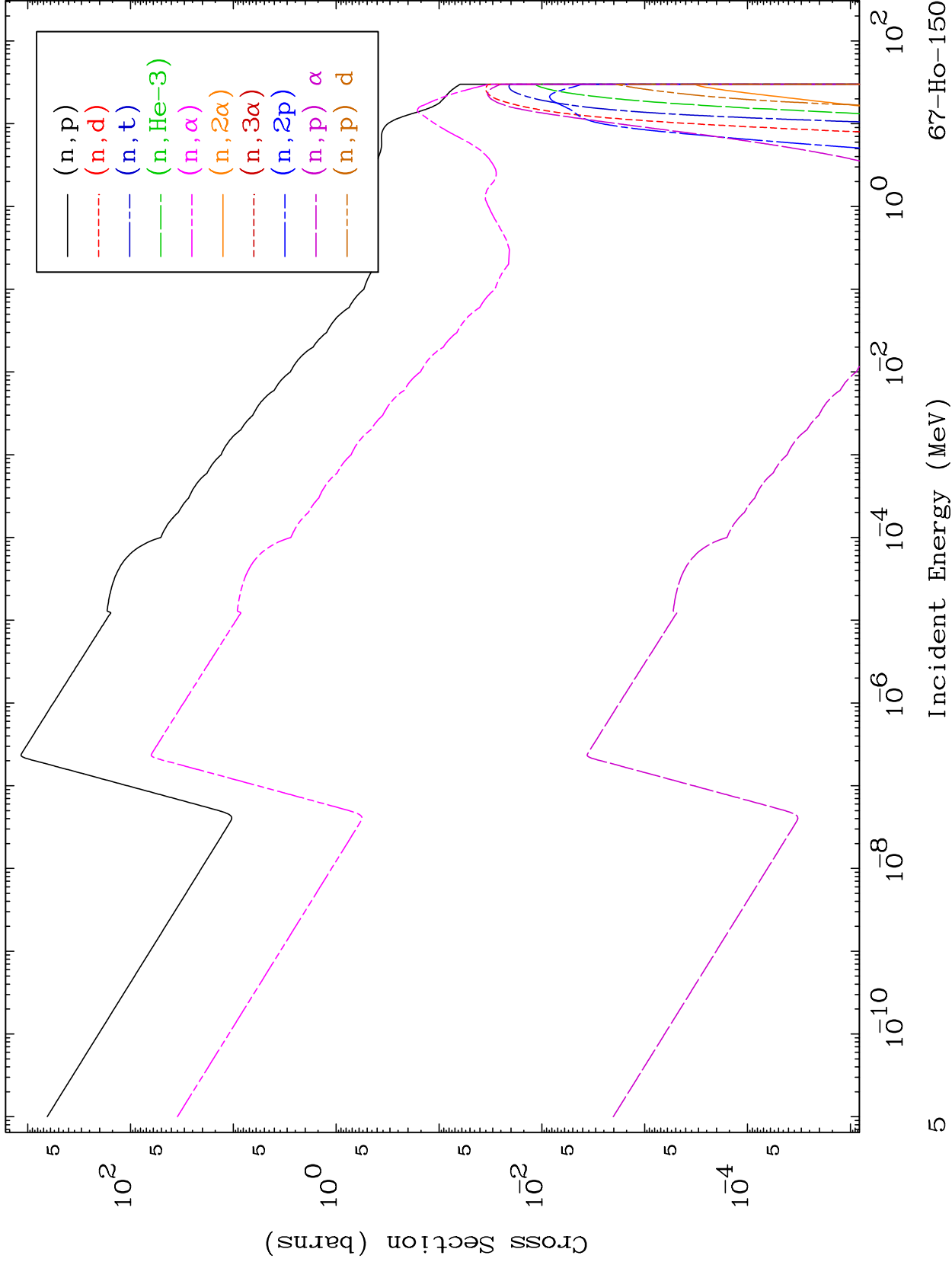
67-Ho-150







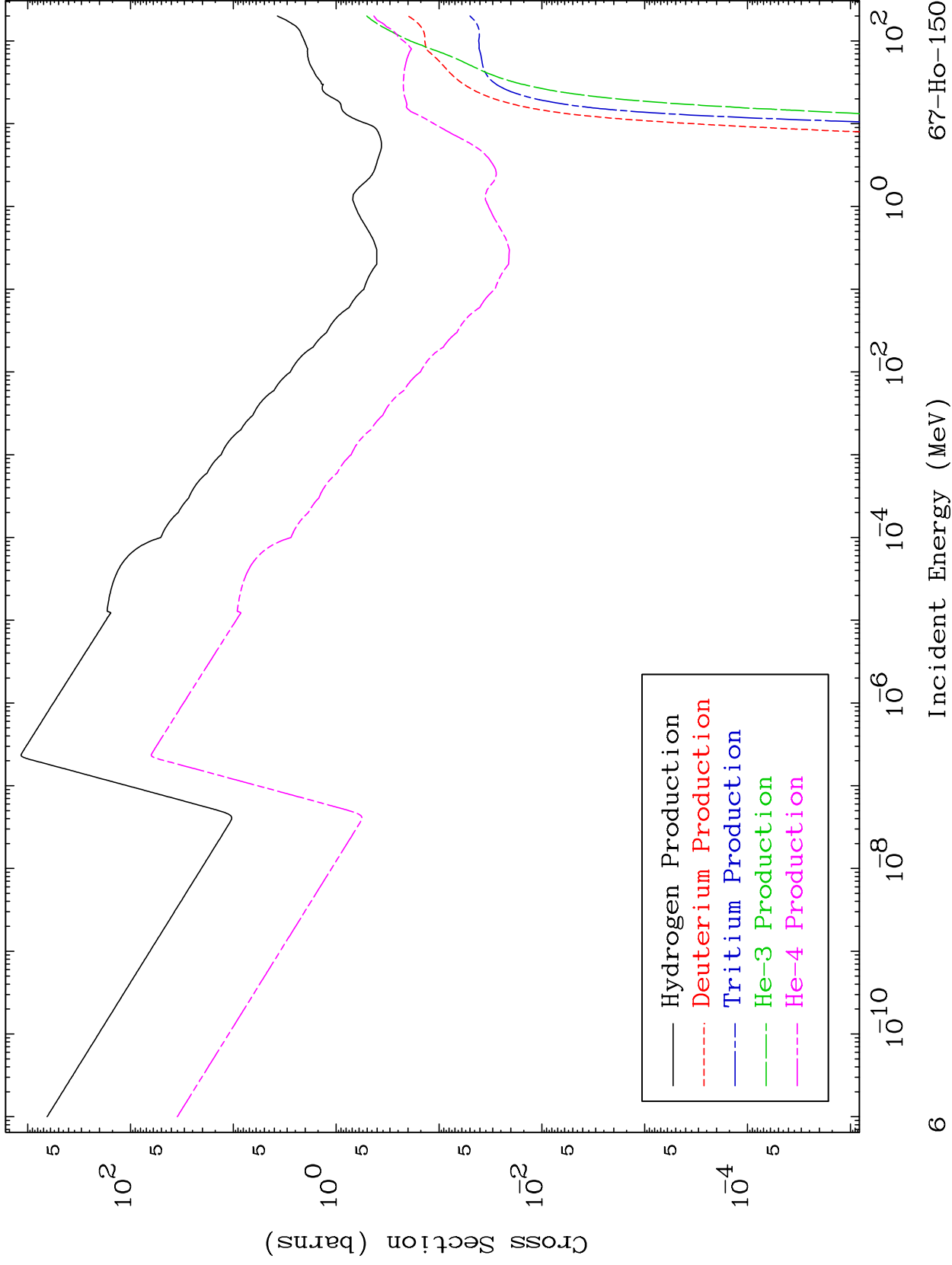




MAT 6681

Particle Production
293 Kelvin Cross Sections

67-Ho-150

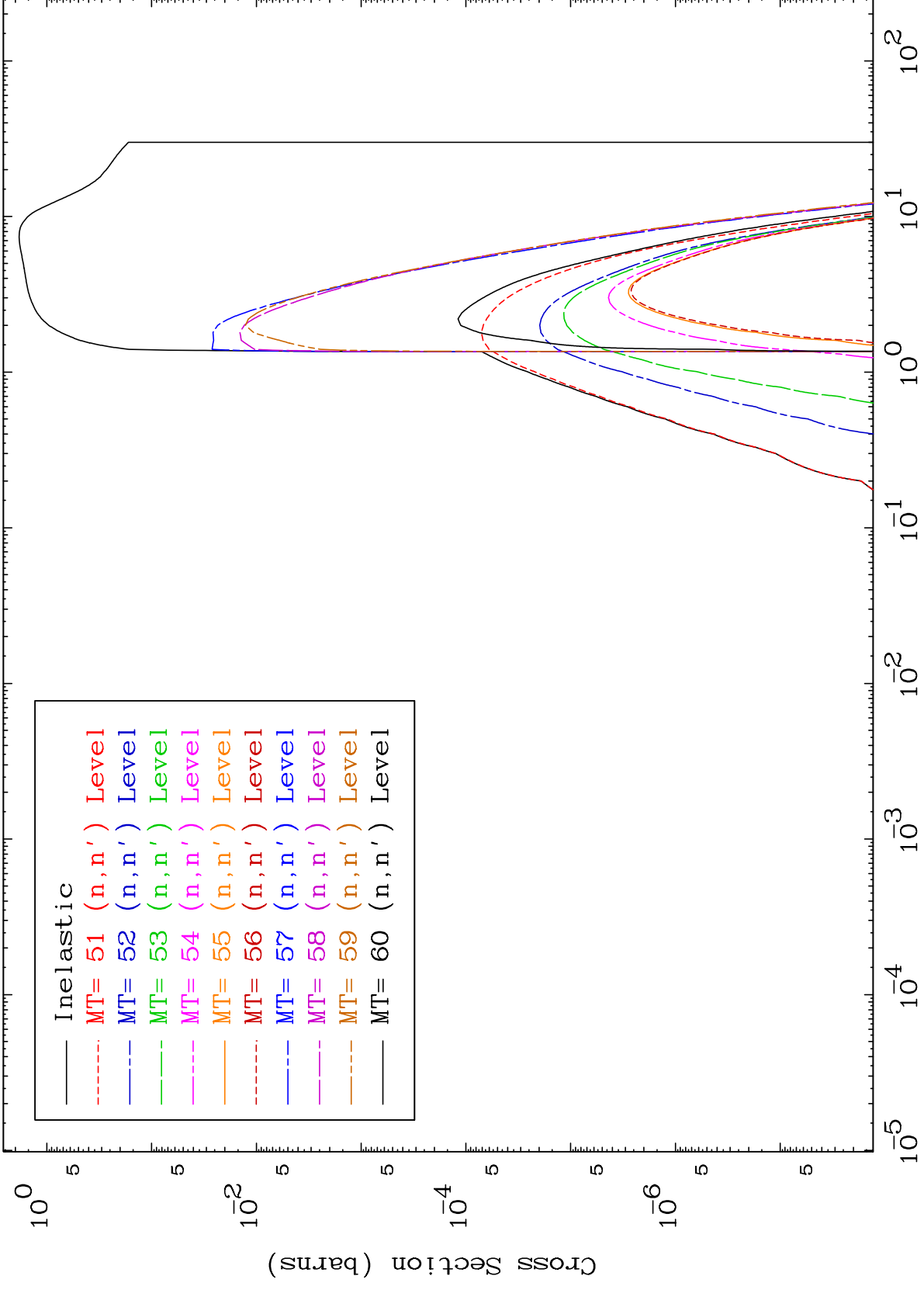


MAT 6681

(n,n') Level

67-Ho-150

293 Kelvin Cross Sections

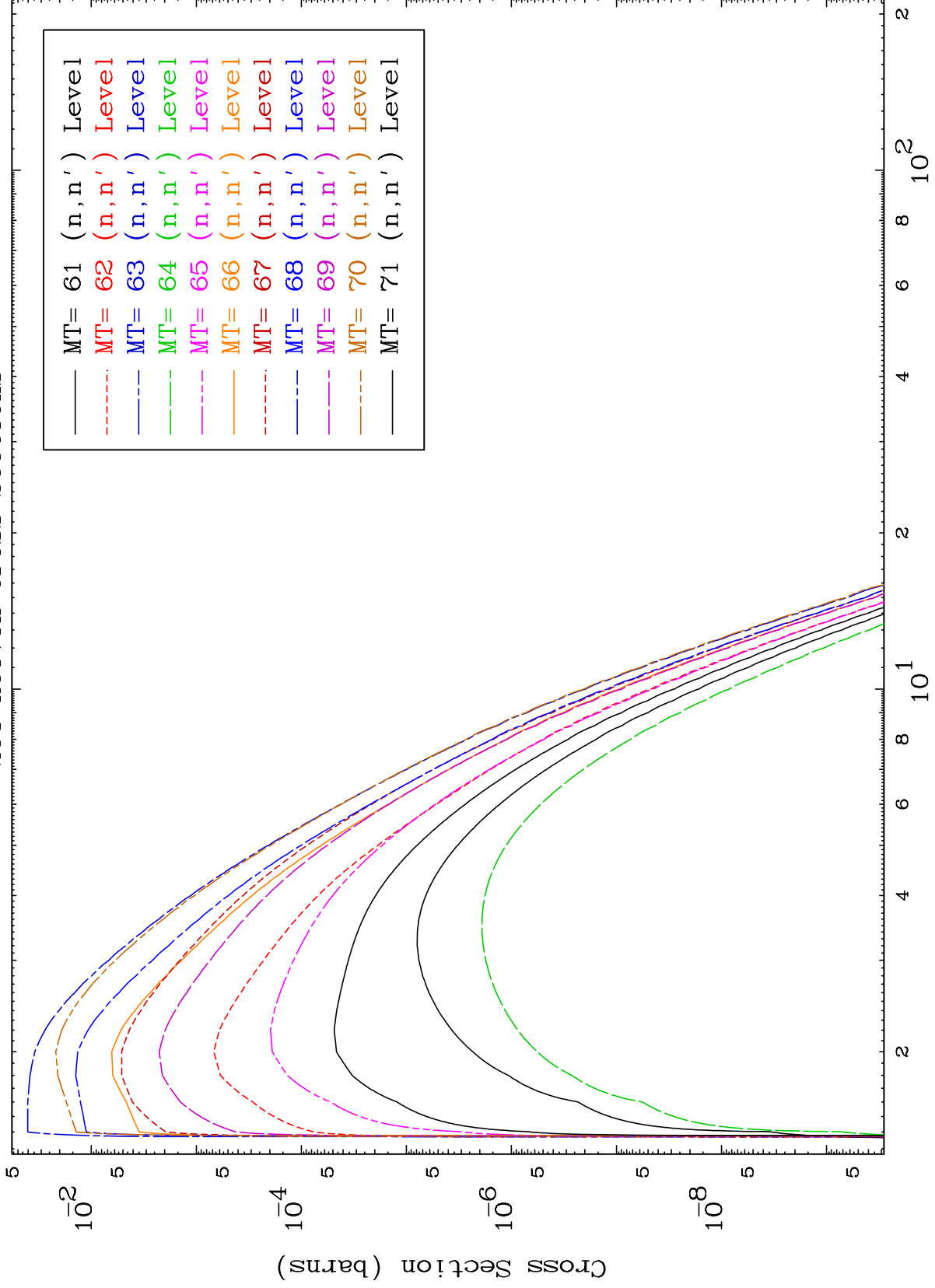


MAT 6681

(n,n') Level

293 Kelvin Cross Sections

67-Ho-150

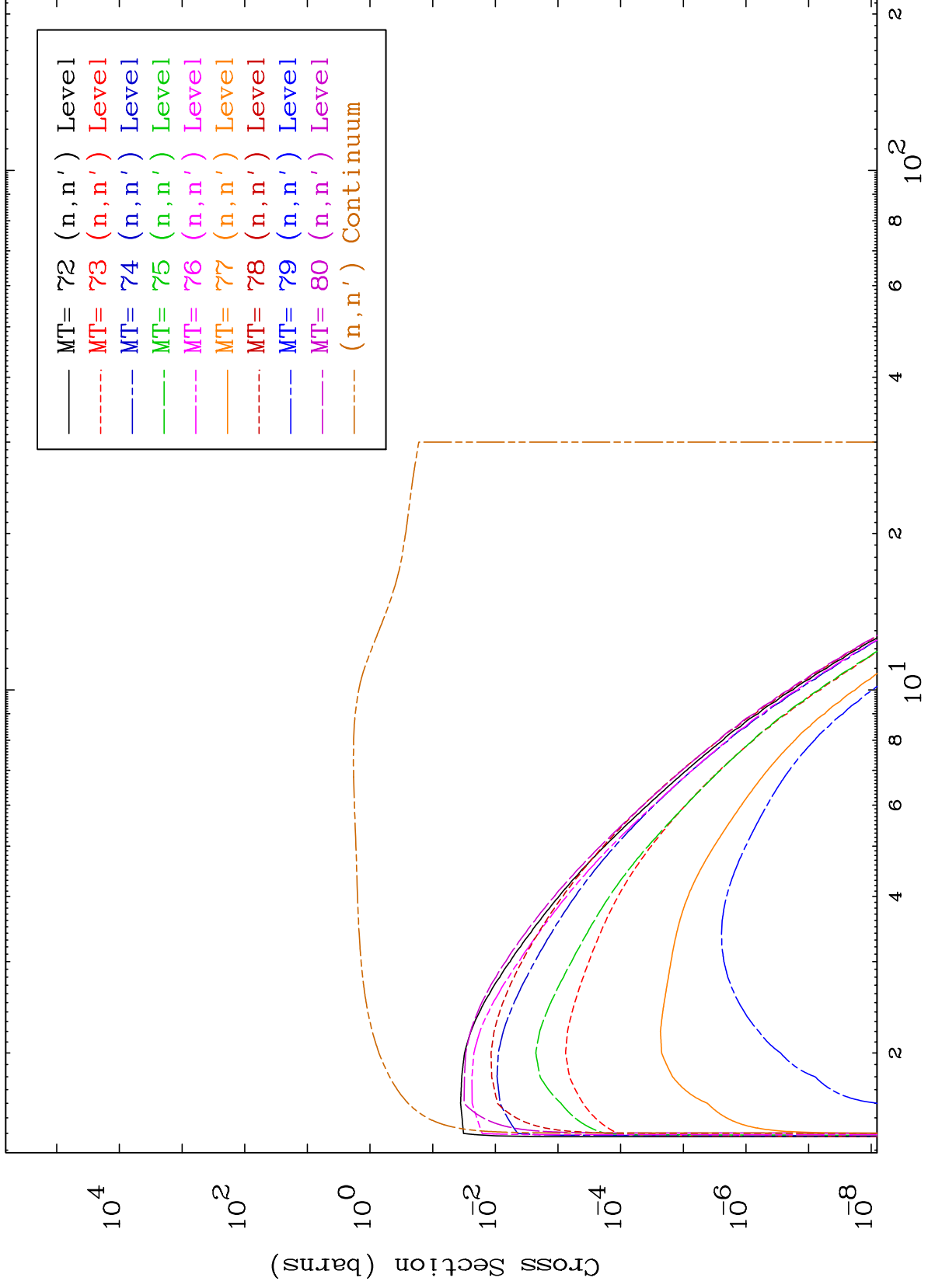


8

Incident Energy (MeV)

67-Ho-150

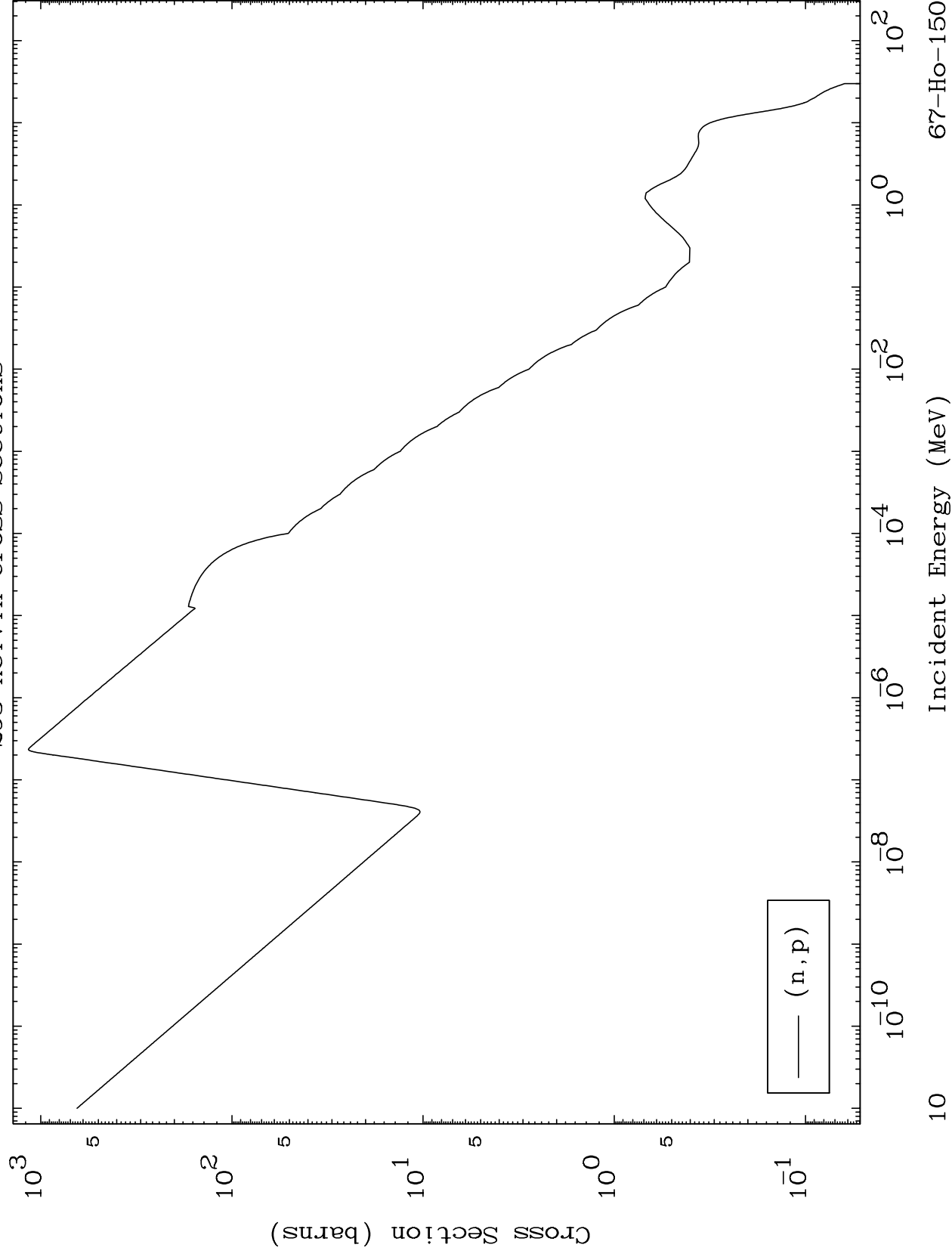
293 Kelvin Cross Sections



MAT 6681

(n,p) Levels
293 Kelvin Cross Sections

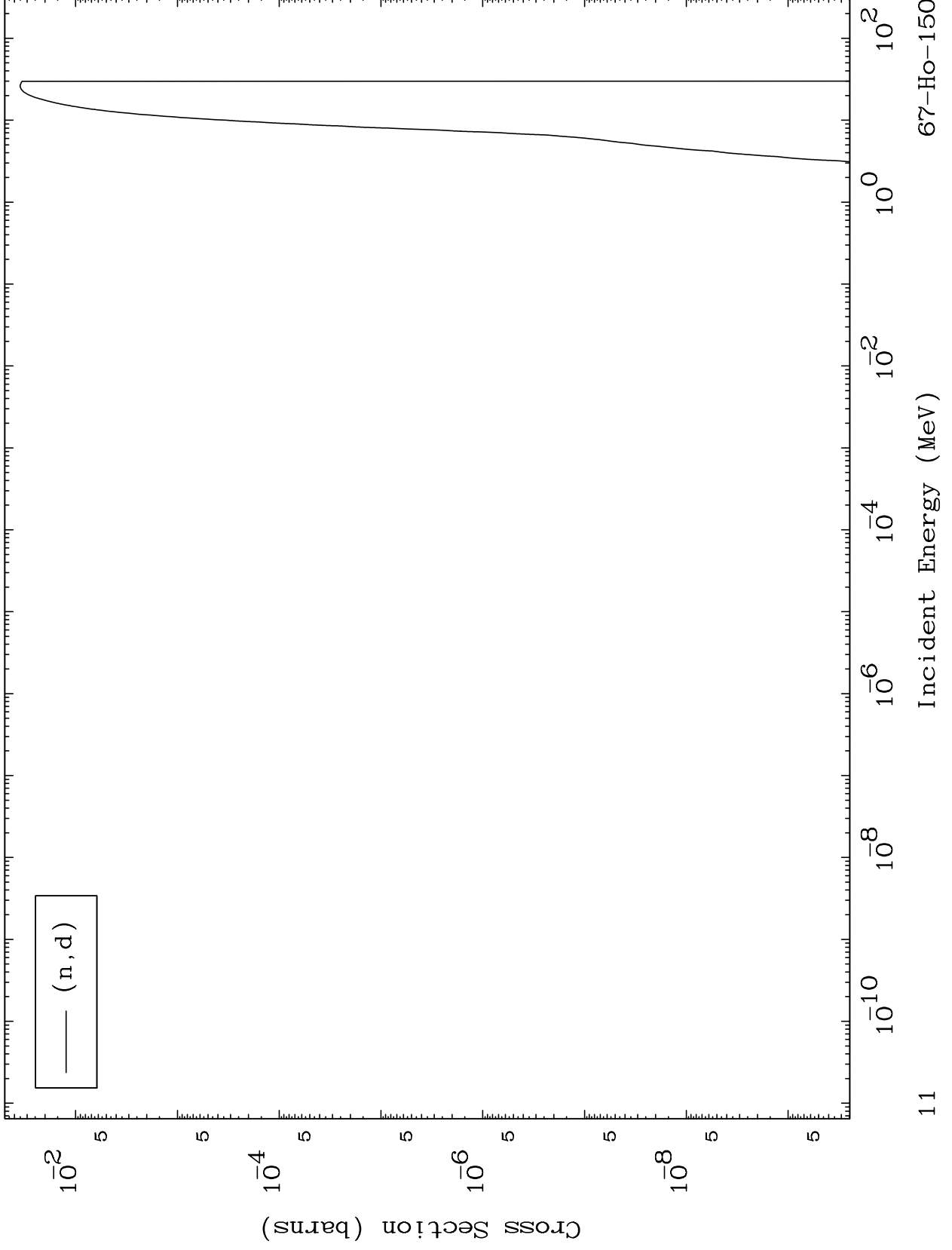
67-Ho-150



MAT 6681

(n,d) Levels
293 Kelvin Cross Sections

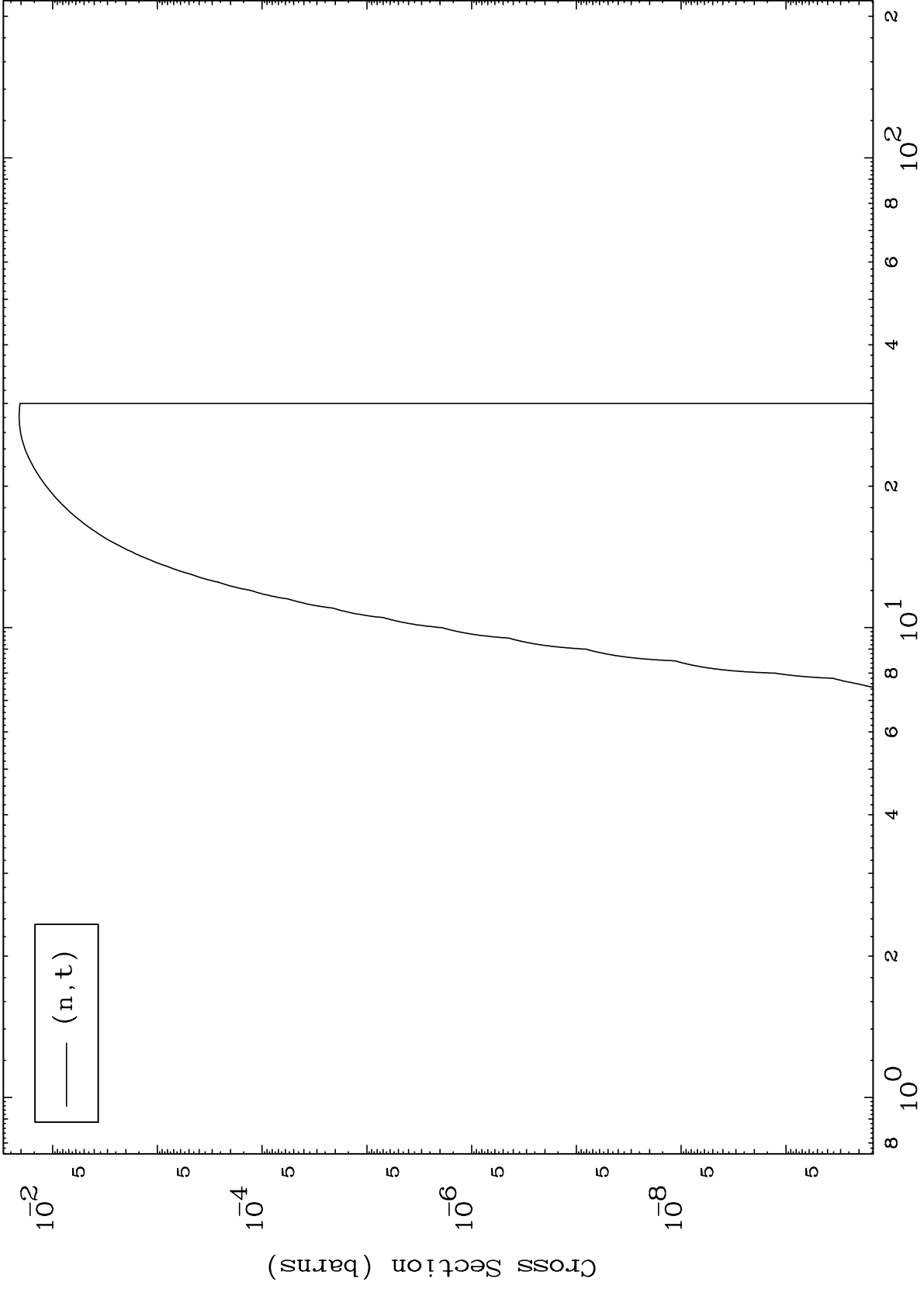
67-Ho-150



MAT 6681

(n,t) Levels
293 Kelvin Cross Sections

67-Ho-150



12

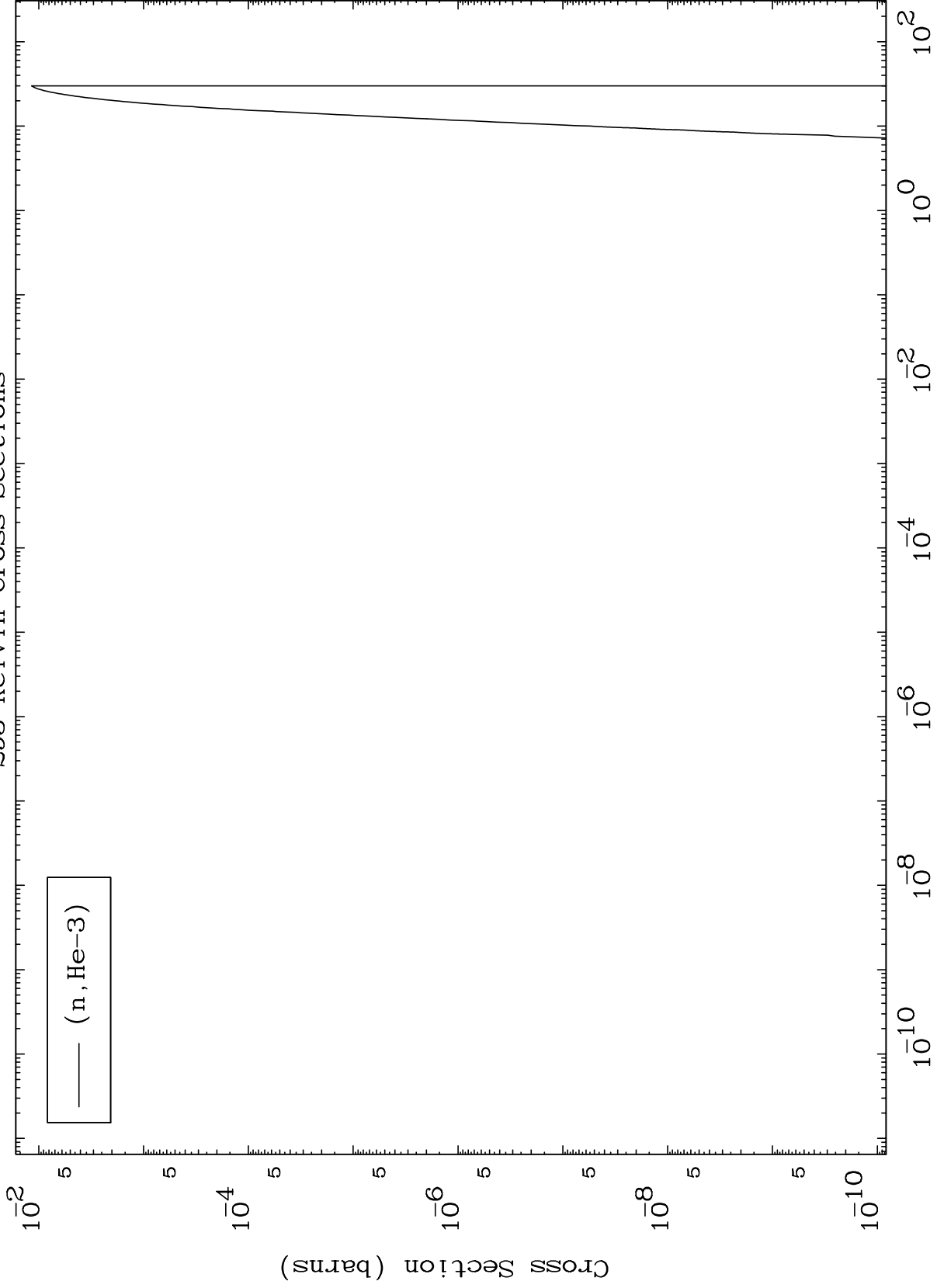
Incident Energy (MeV)

67-Ho-150

MAT 6681

(n,He3) Levels
293 Kelvin Cross Sections

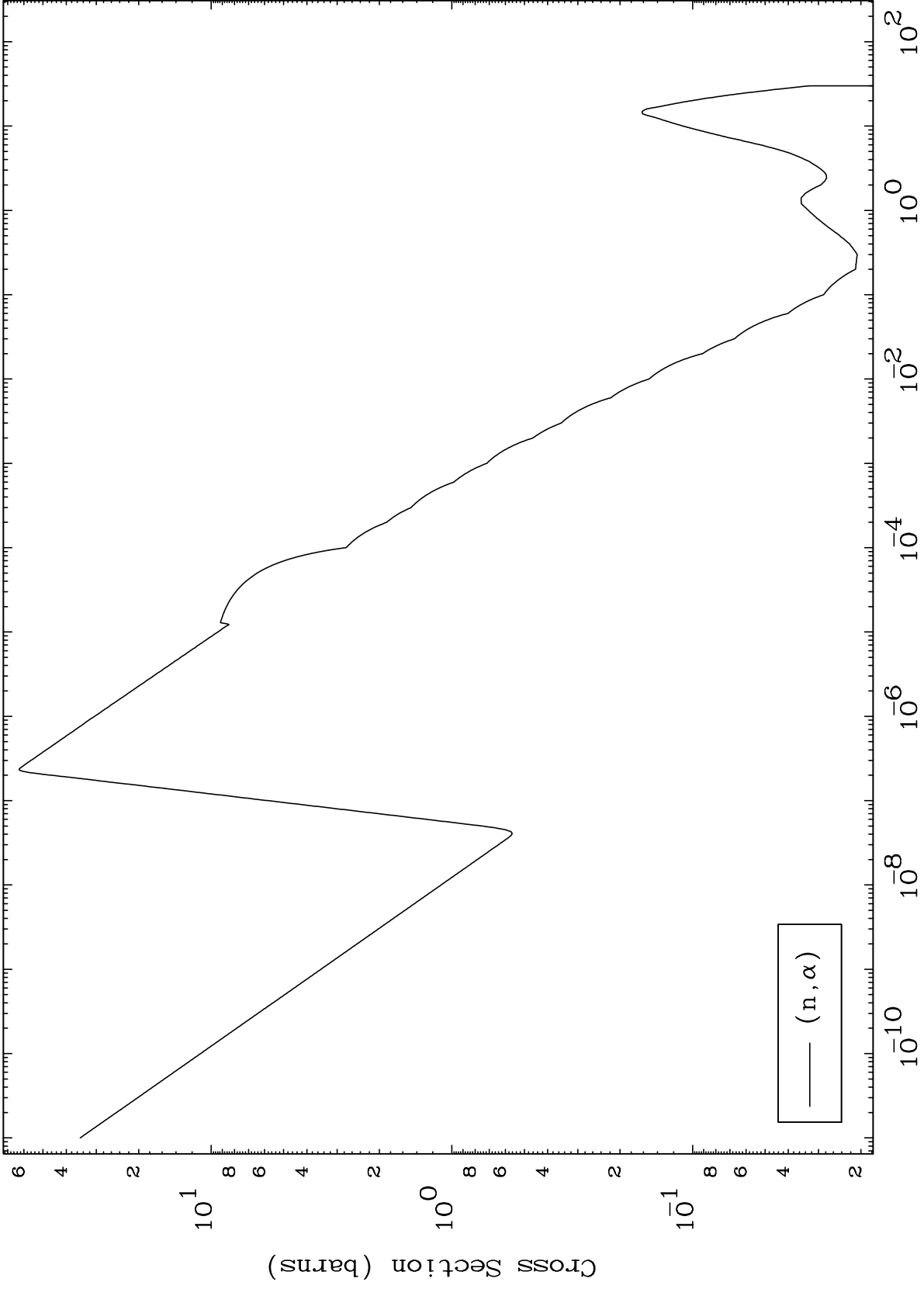
67-Ho-150



MAT 6681

(n,α) Levels
293 Kelvin Cross Sections

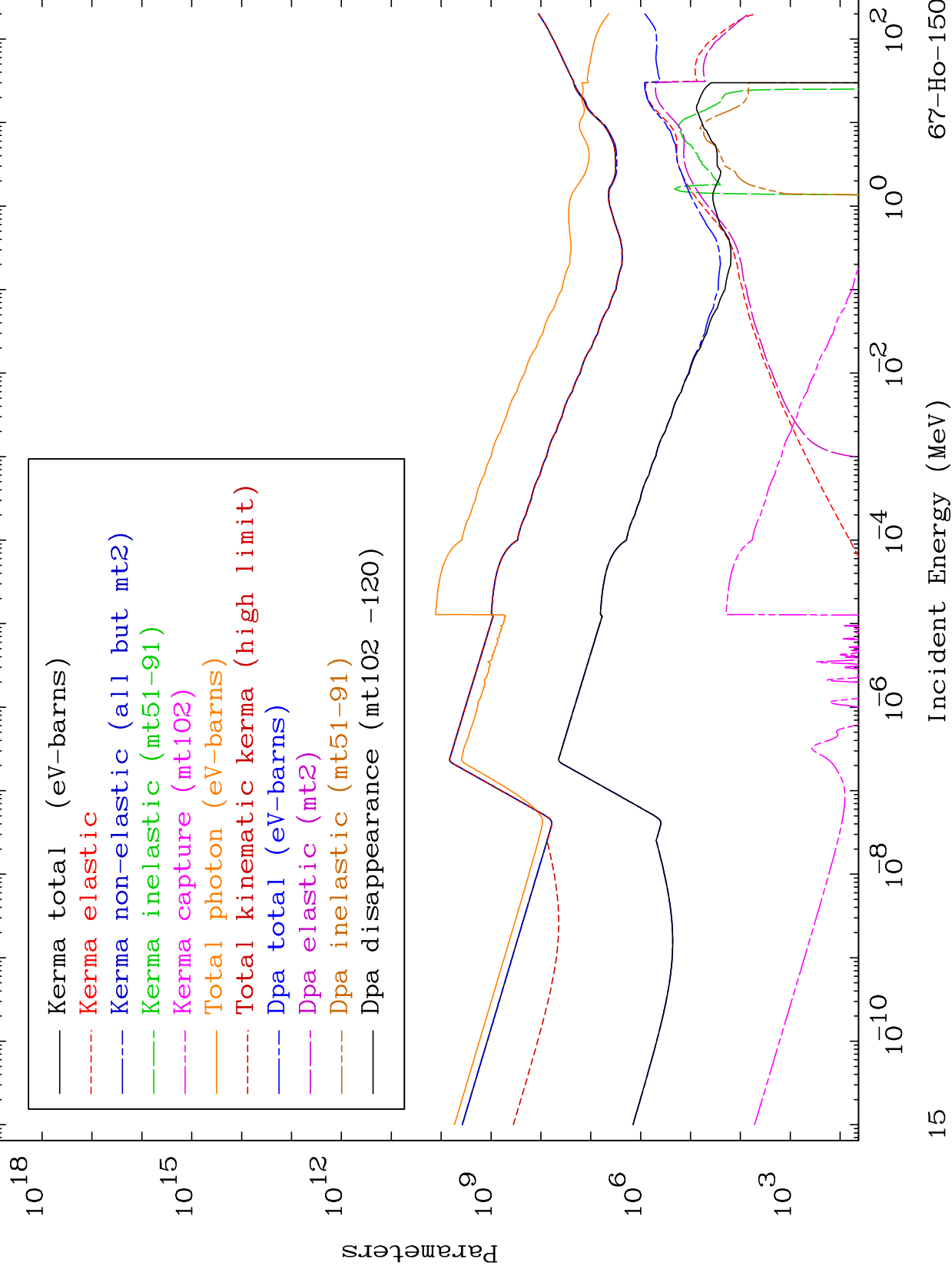
67-Ho-150

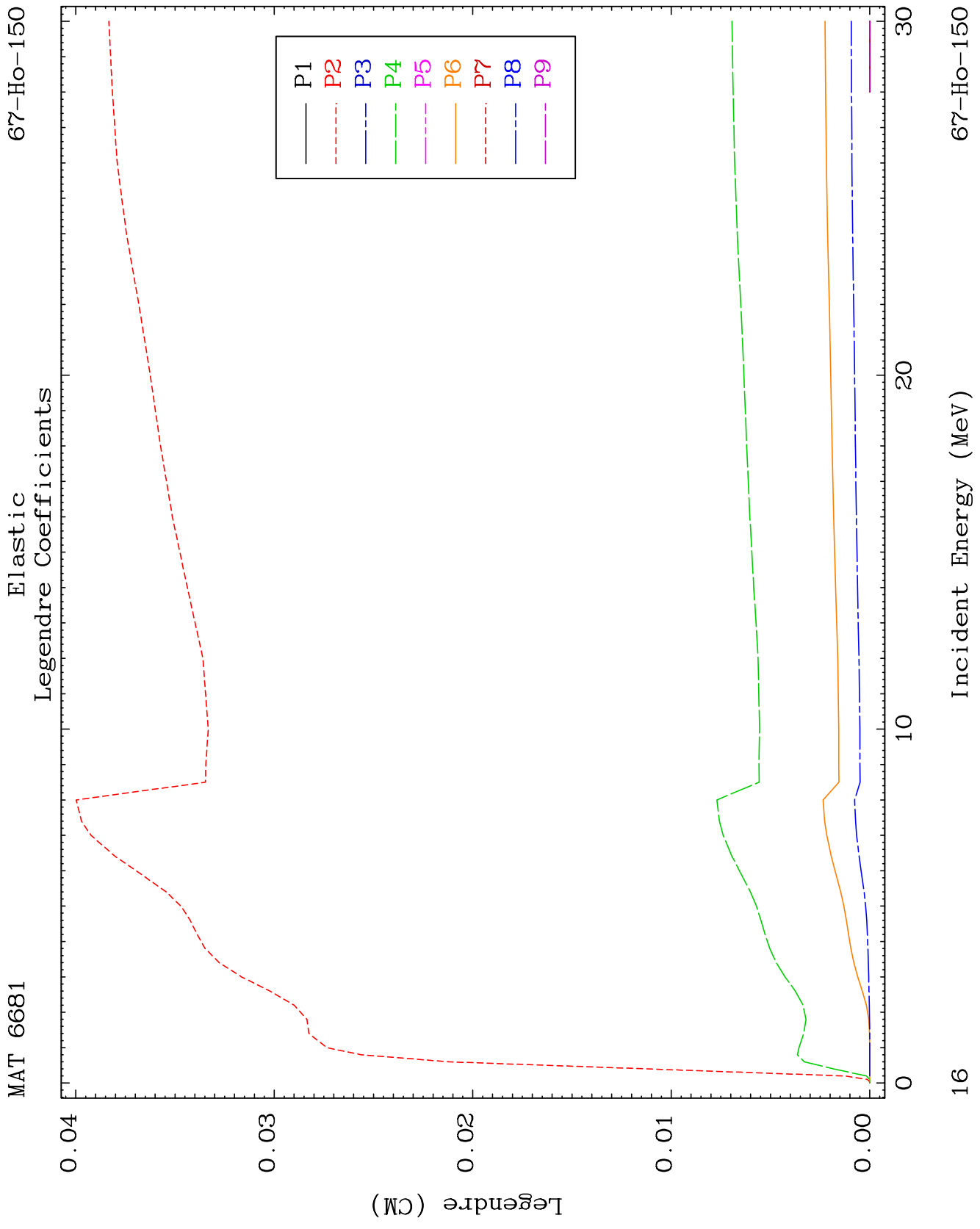


14

Incident Energy (MeV)

67-Ho-150

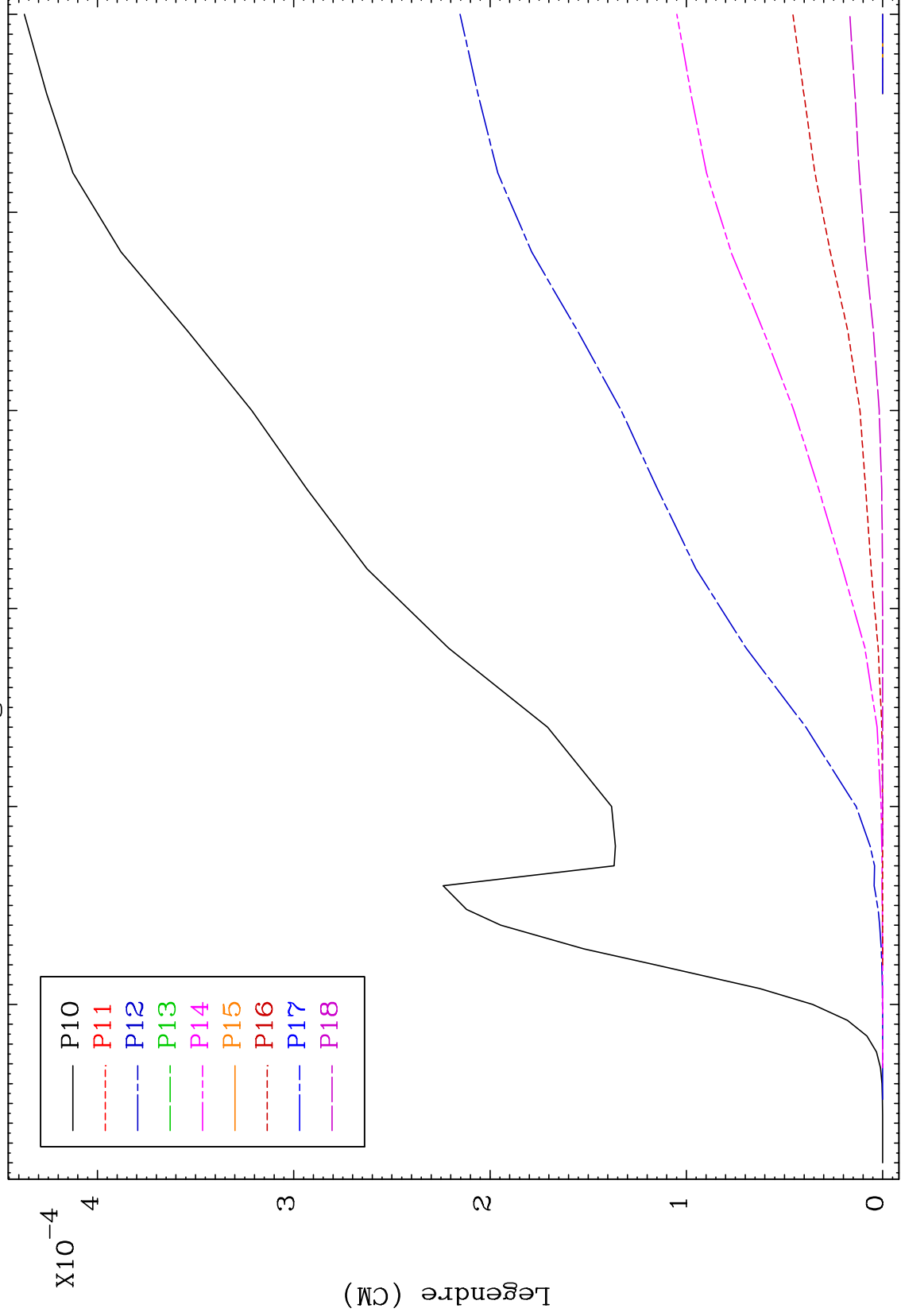




MAT 6681

Elastic Legendre Coefficients

67-Ho-150



17

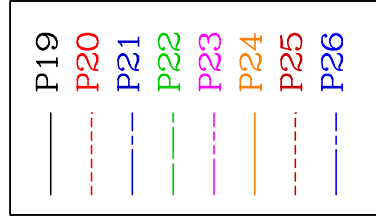
Incident Energy (MeV)

67-Ho-150

MAT 6681

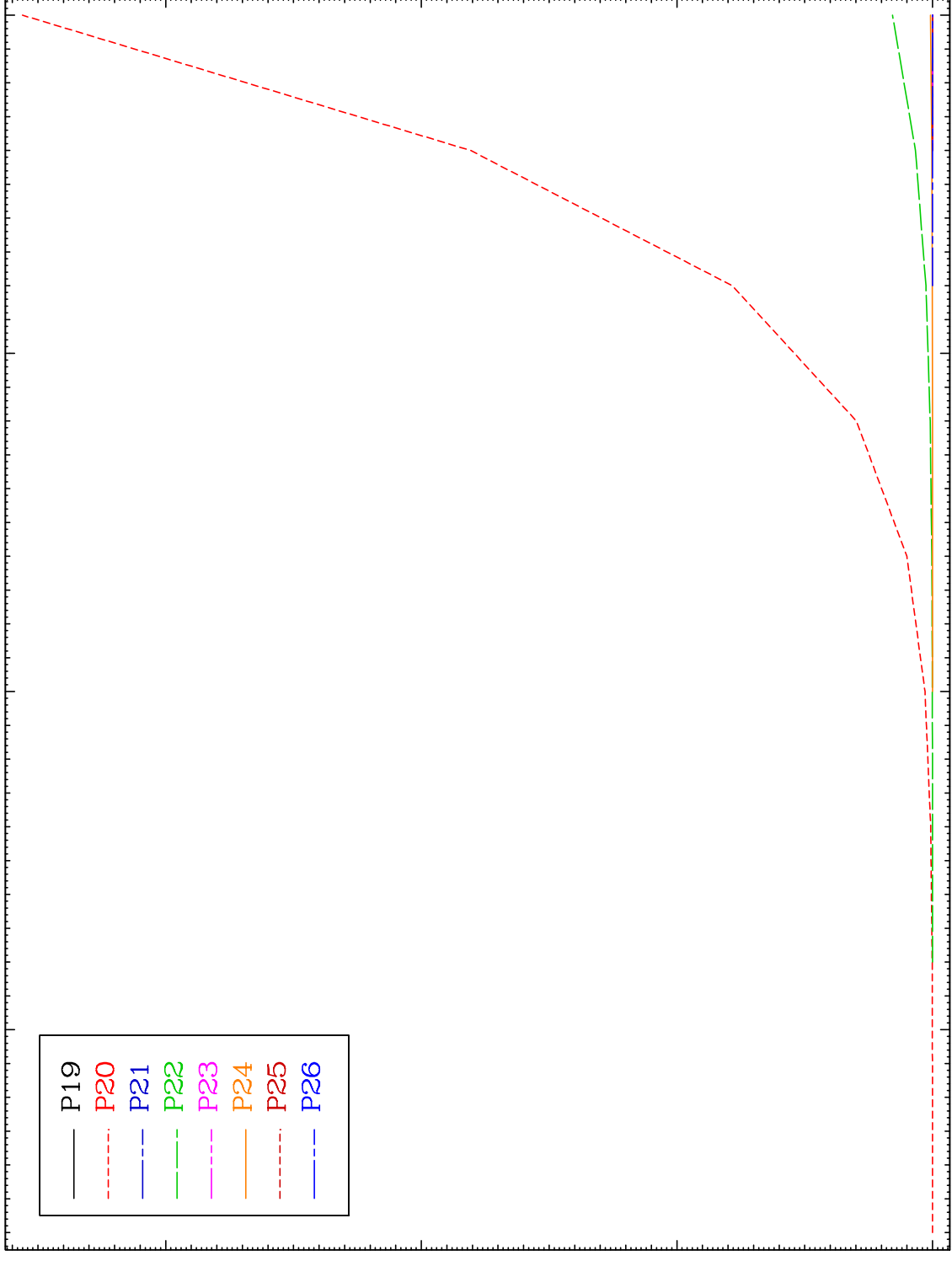
Elastic
Legendre Coefficients

67-Ho-150



$\times 10^{-6}$

Legendre (CM)



18

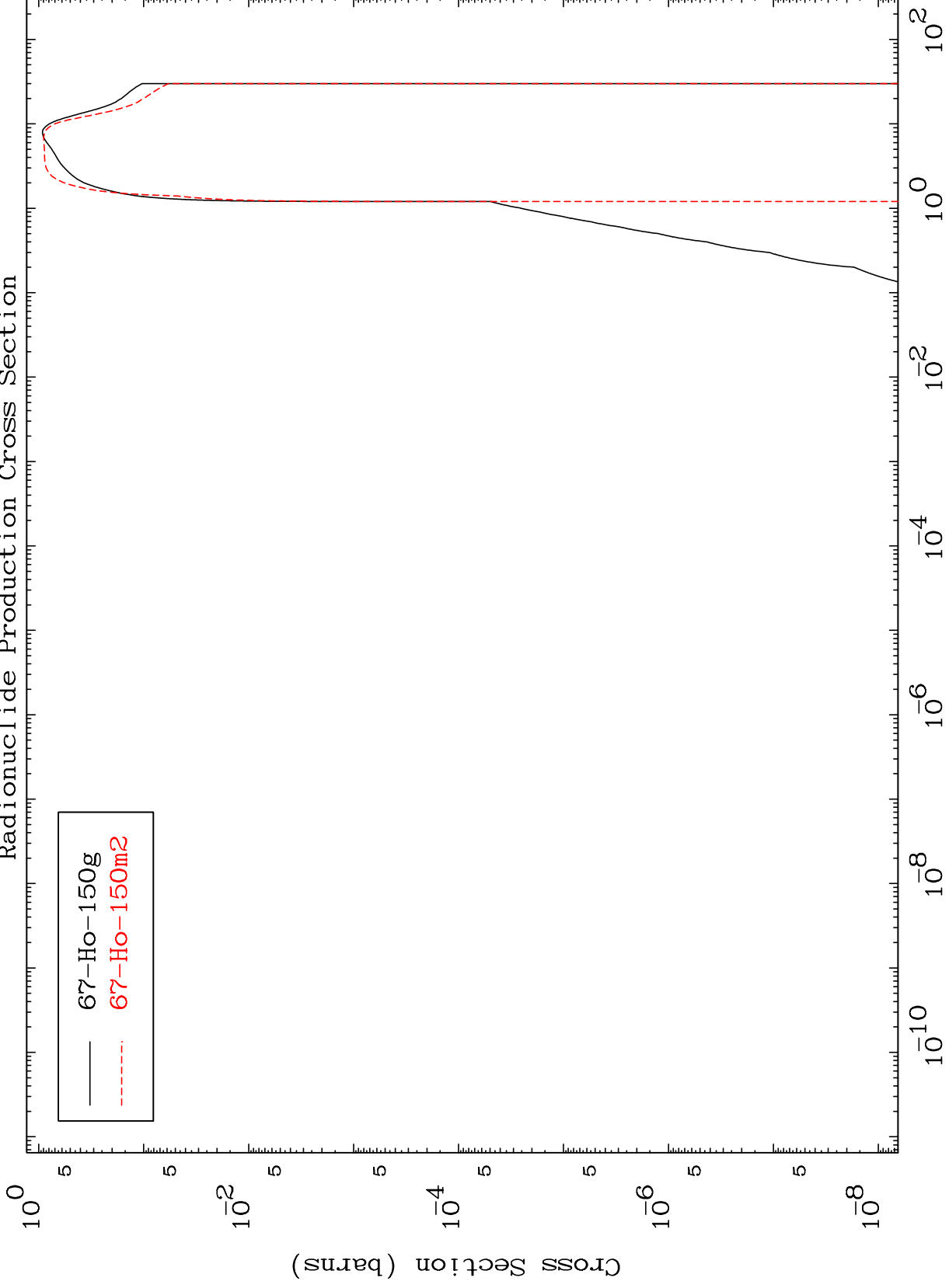
Incident Energy (MeV)

67-Ho-150

MAT 6681

Inelastic
Radionuclide Production Cross Section

⁶⁷Ho-150

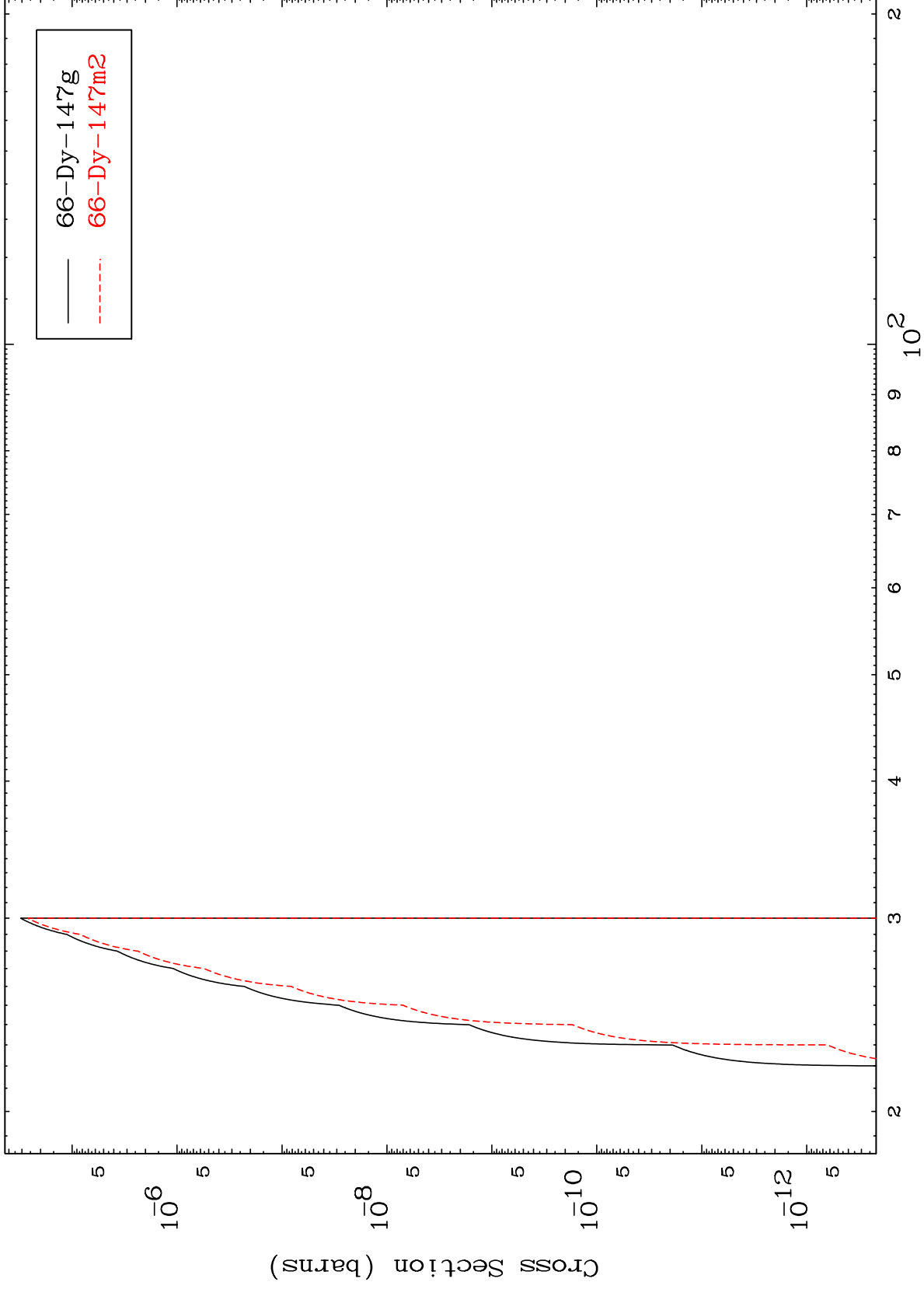


MAT 6681

(n,2n) d

67-Ho-150

Radionuclide Production Cross Section



20

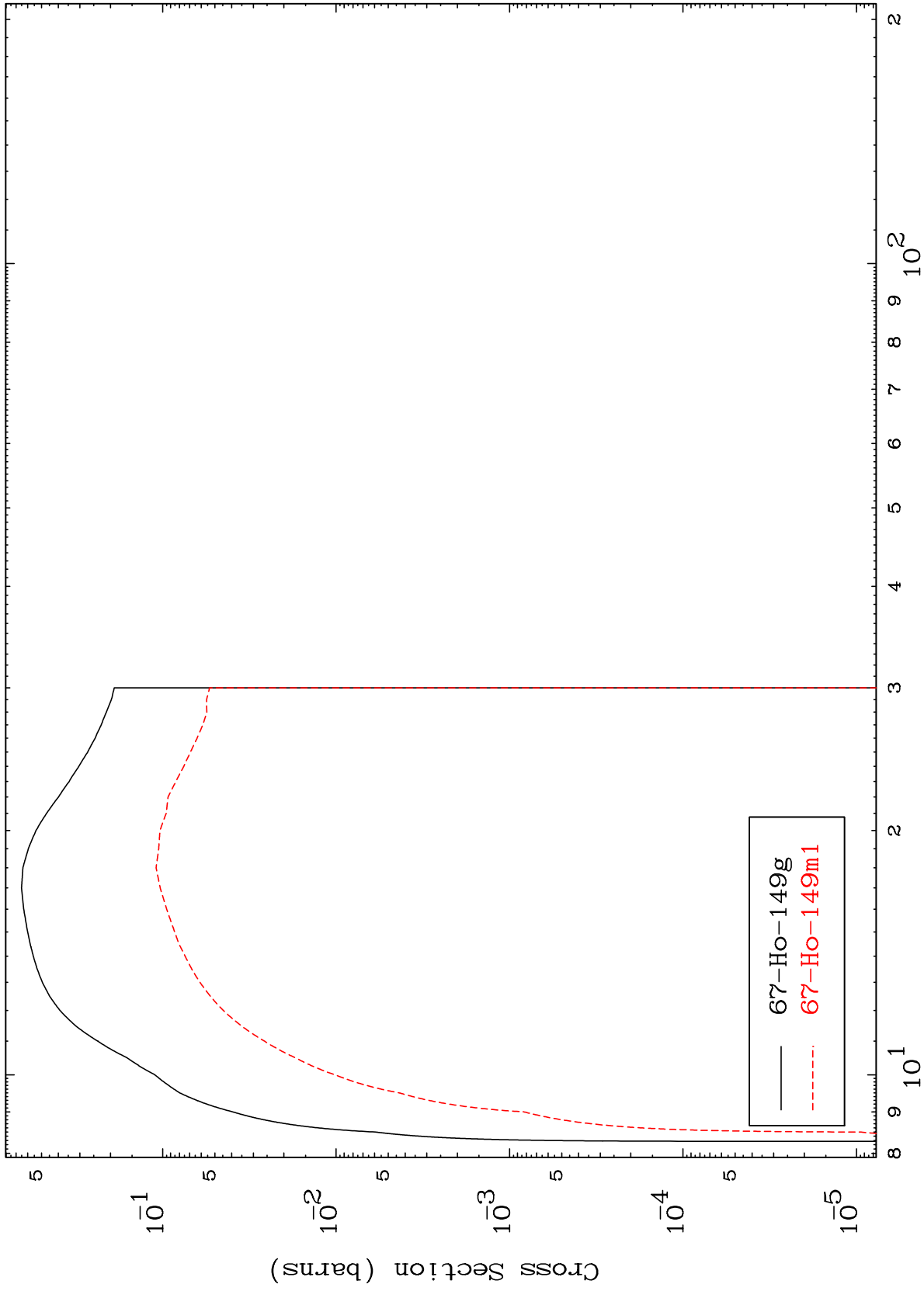
Incident Energy (MeV)

67-Ho-150

MAT 6681

⁶⁷Ho-150

(n,2n)
Radionuclide Production Cross Section



— ⁶⁷Ho-149g
- - - ⁶⁷Ho-149m1

⁶⁷Ho-150

Incident Energy (MeV)

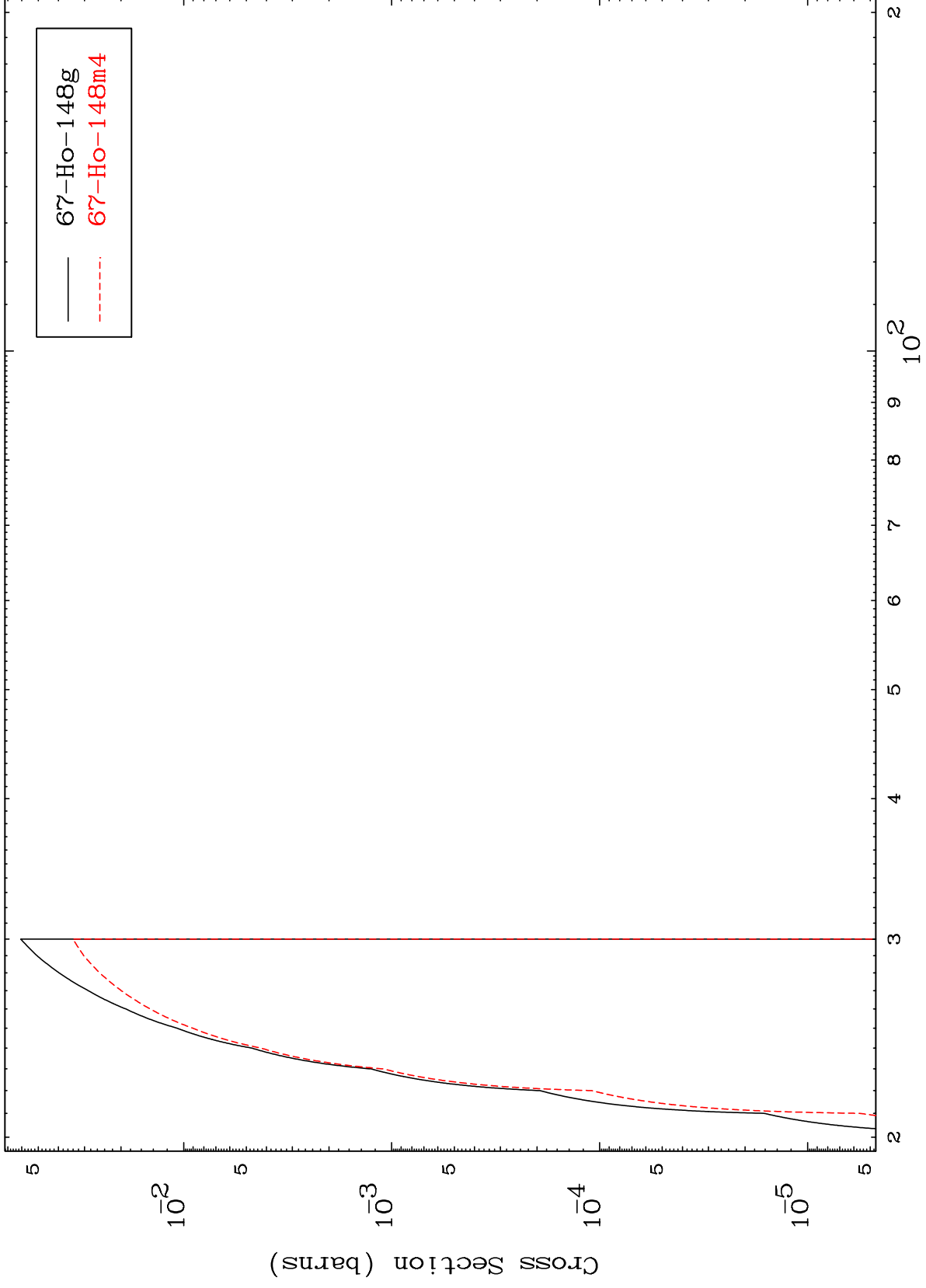
21

MAT 6681

(n,3n)

67-Ho-150

Radionuclide Production Cross Section



22

Incident Energy (MeV)

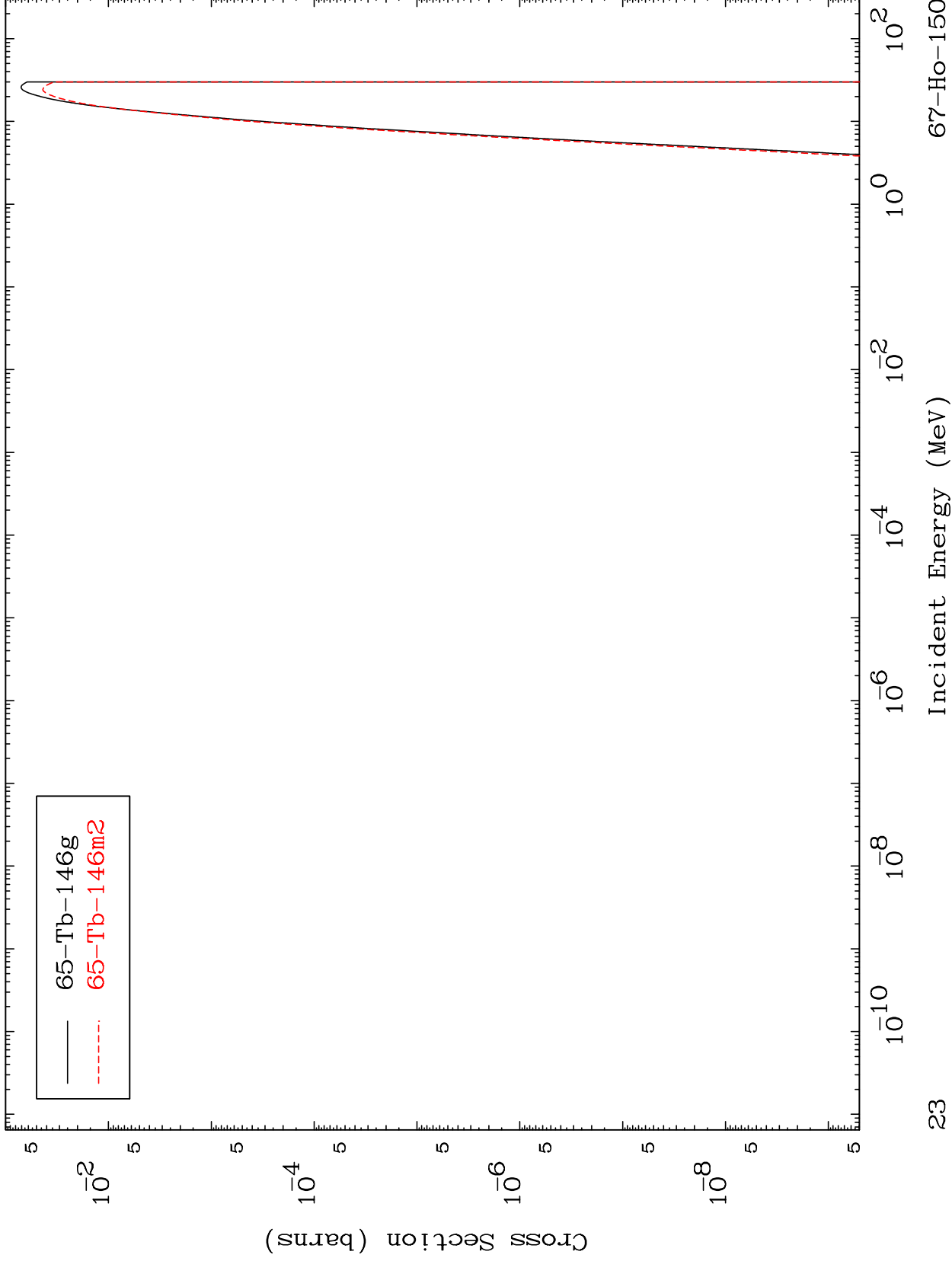
67-Ho-150

MAT 6681

(n, n') α

67-Ho-150

Radionuclide Production Cross Section

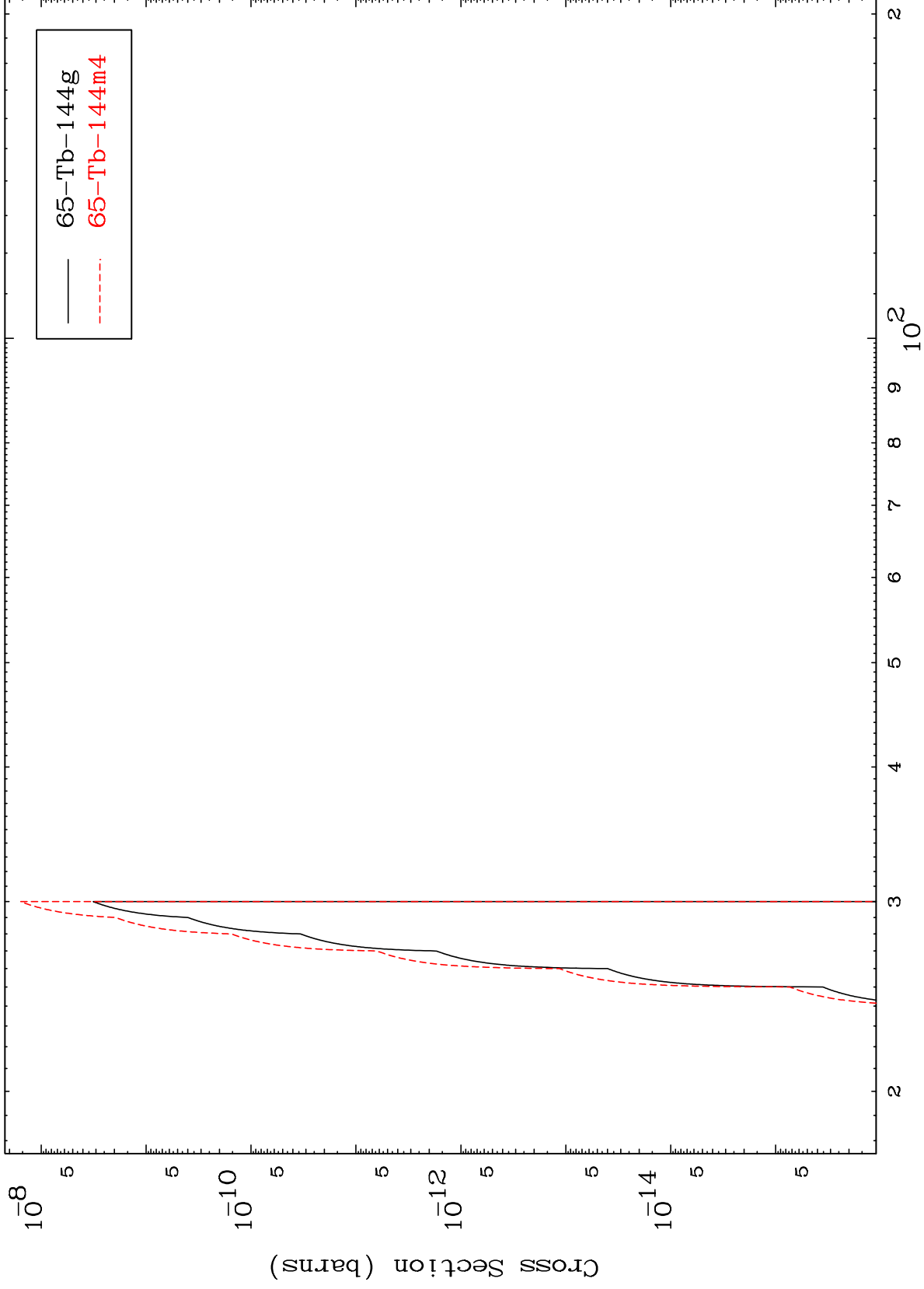


MAT 6681

(n,3n) α

67-Ho-150

Radionuclide Production Cross Section



24

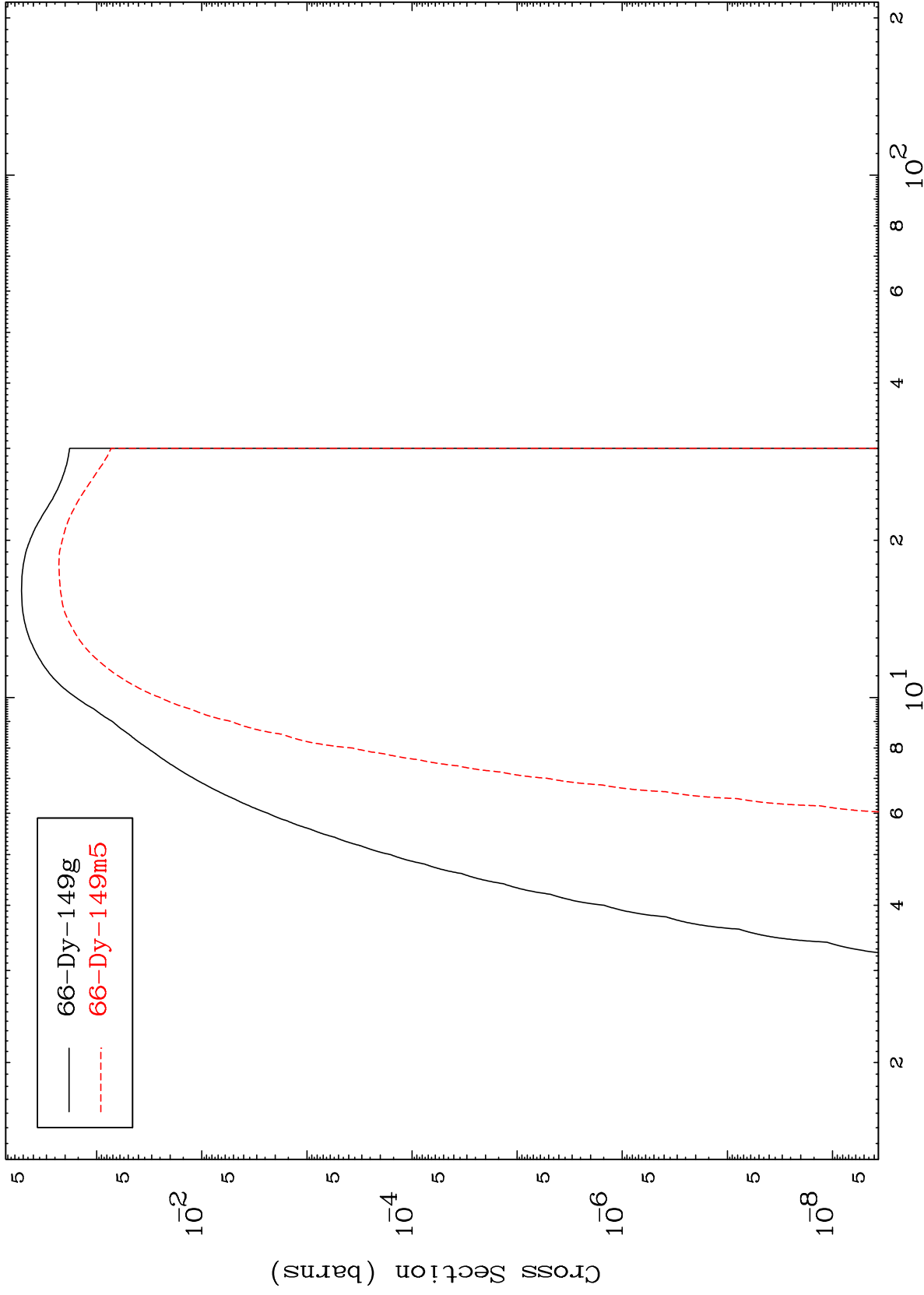
Incident Energy (MeV)

67-Ho-150

MAT 6681

⁶⁷Ho-150

(n,n') p
Radionuclide Production Cross Section



25

⁶⁷Ho-150

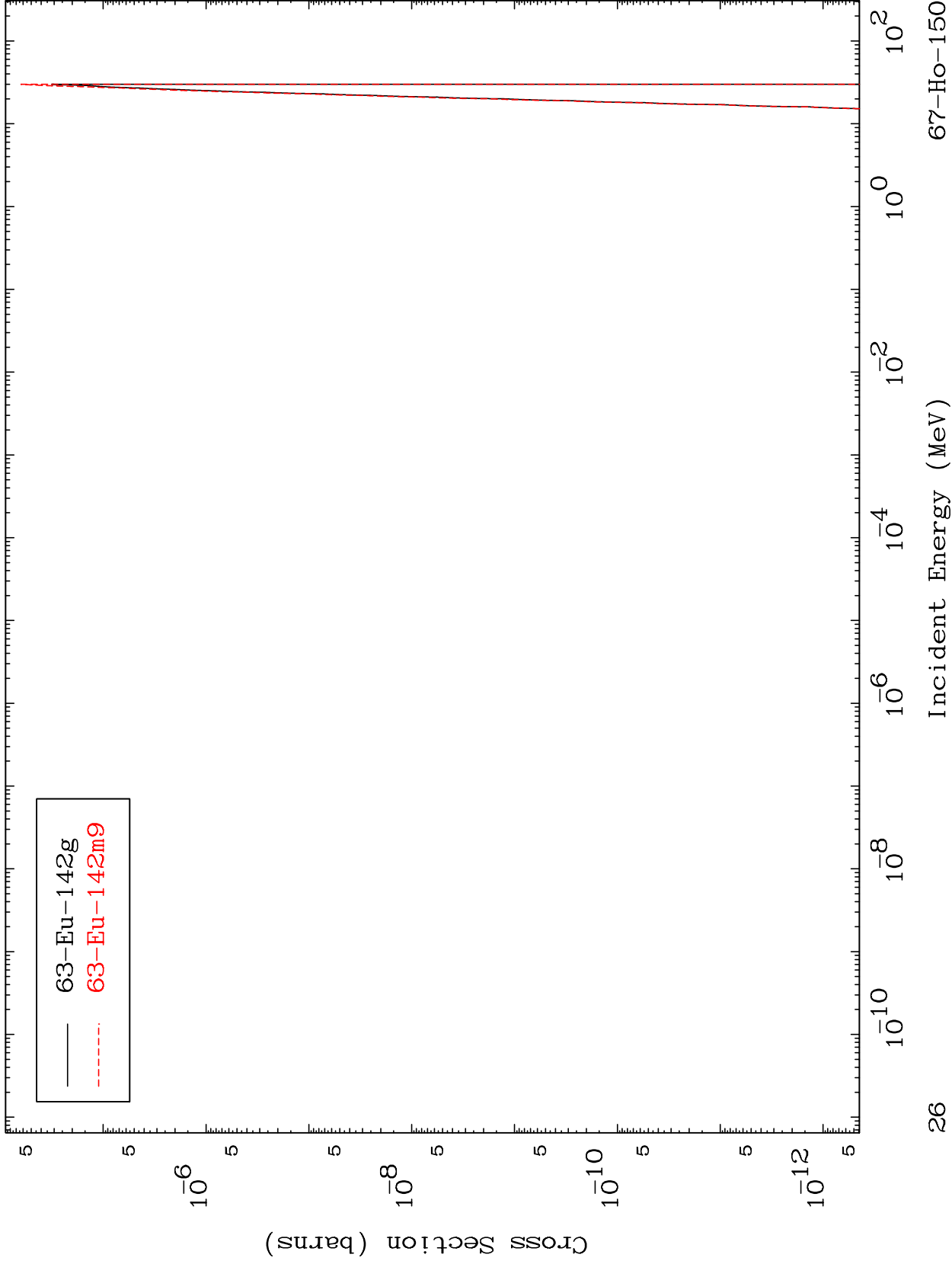
Incident Energy (MeV)

MAT 6681

(n,n') 2α

67-Ho-150

Radionuclide Production Cross Section

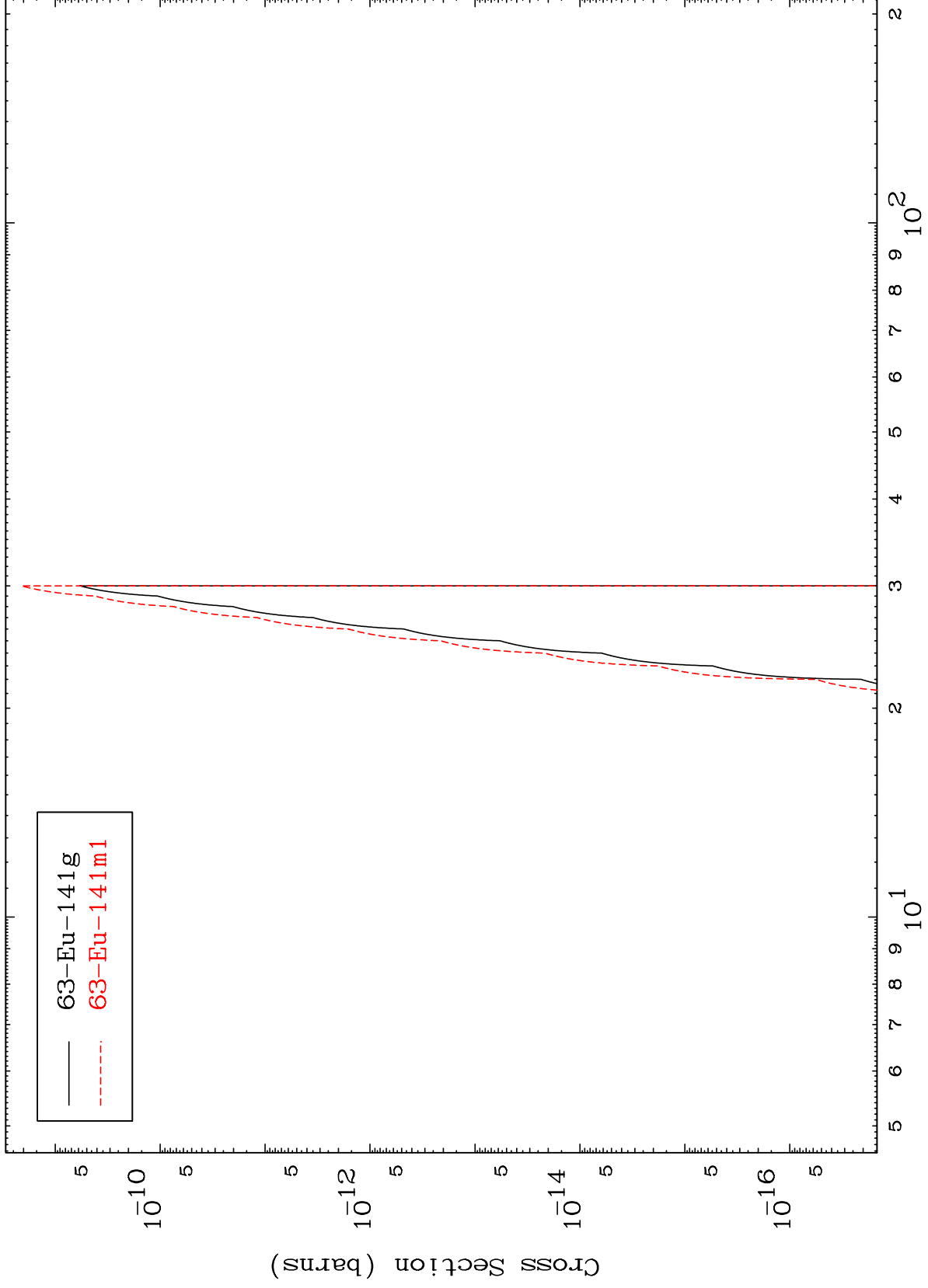


MAT 6681

$^{67}\text{Ho-150}$

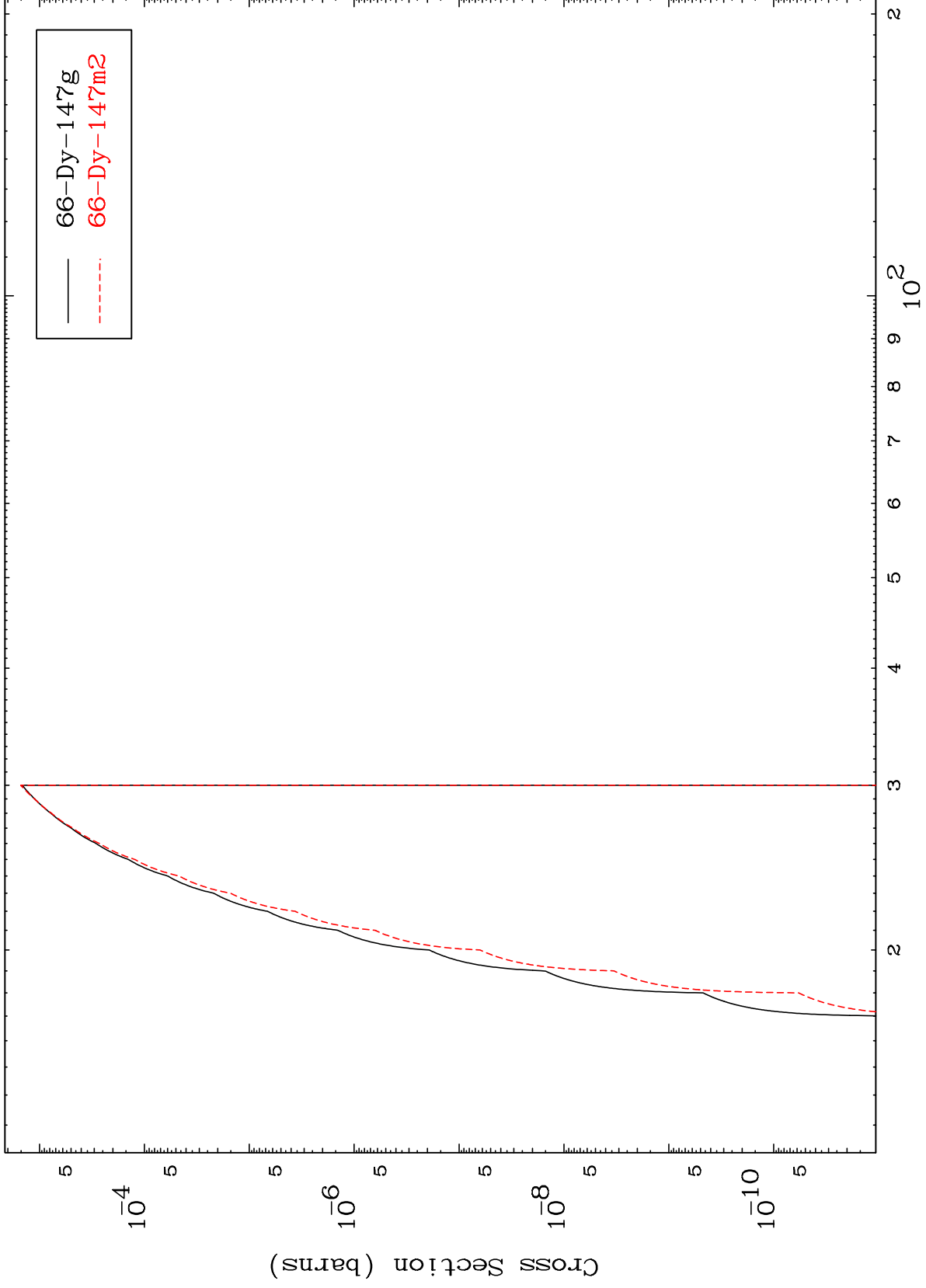
$(n,2n) 2\alpha$

Radionuclide Production Cross Section



63-Eu-141g
63-Eu-141m1

Radionuclide Production Cross Section

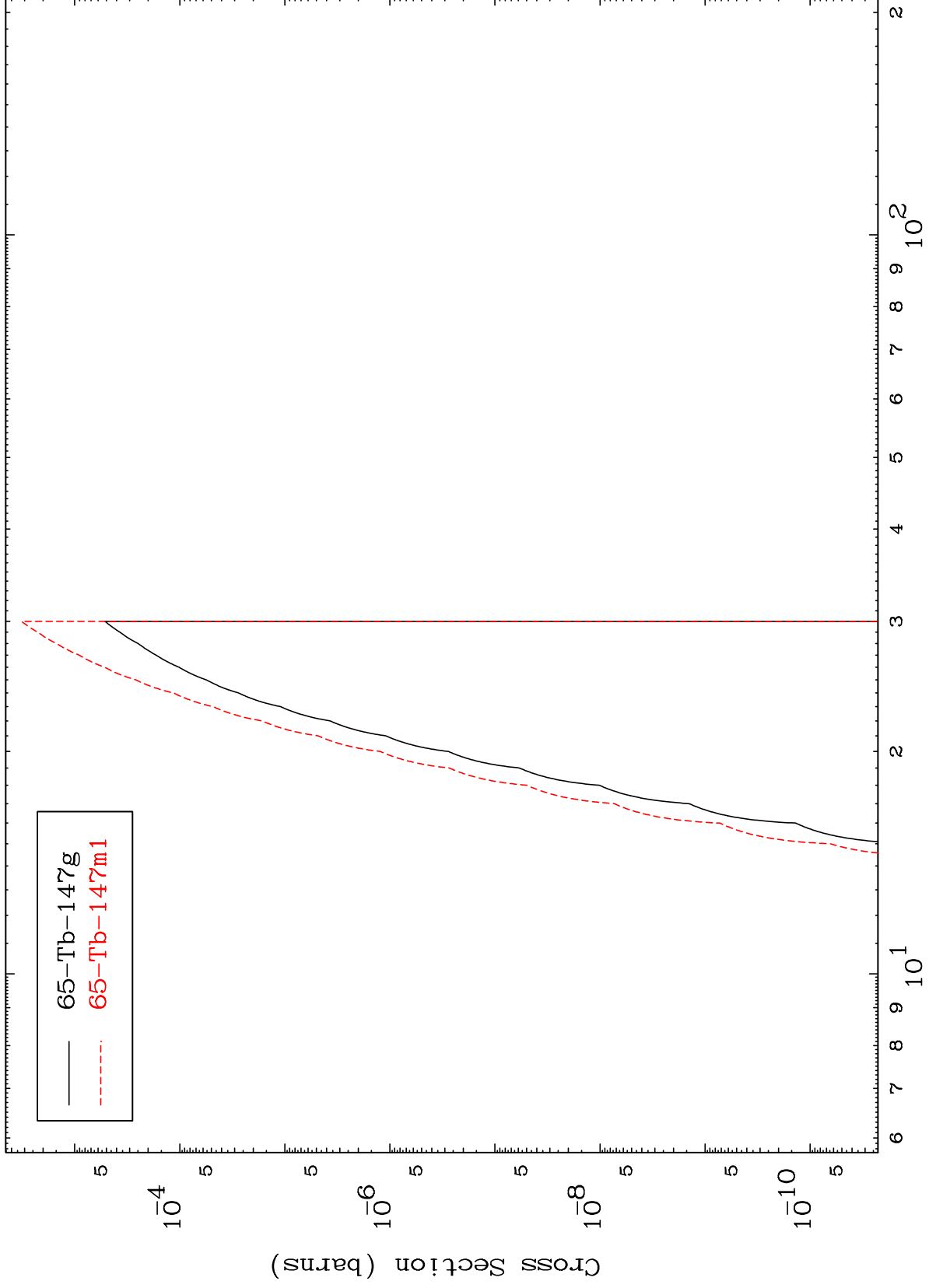


MAT 6681

(n,n') He-3

67-Ho-150

Radionuclide Production Cross Section



29

Incident Energy (MeV)

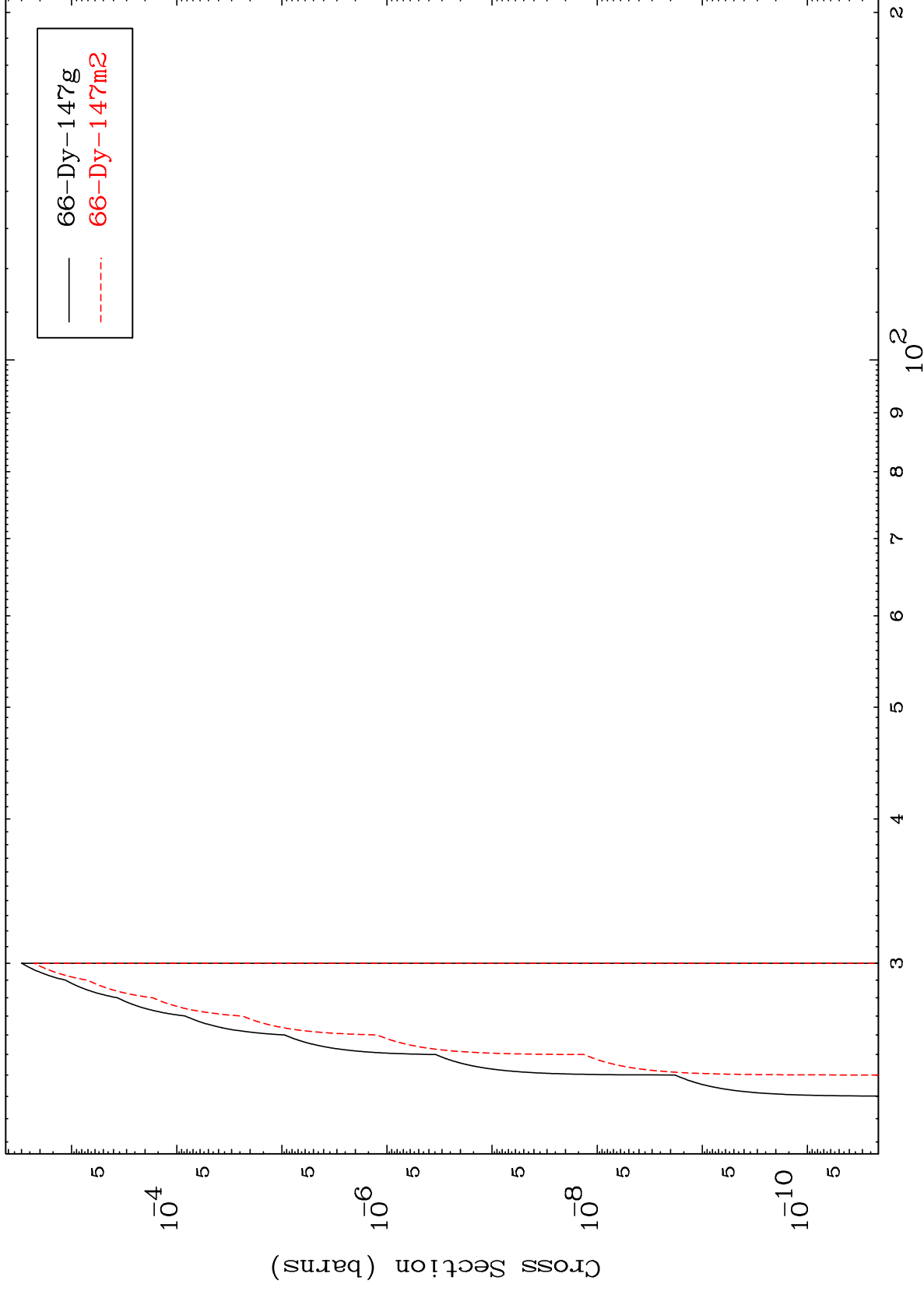
67-Ho-150

MAT 6681

(n,3n) p

67-Ho-150

Radionuclide Production Cross Section



30

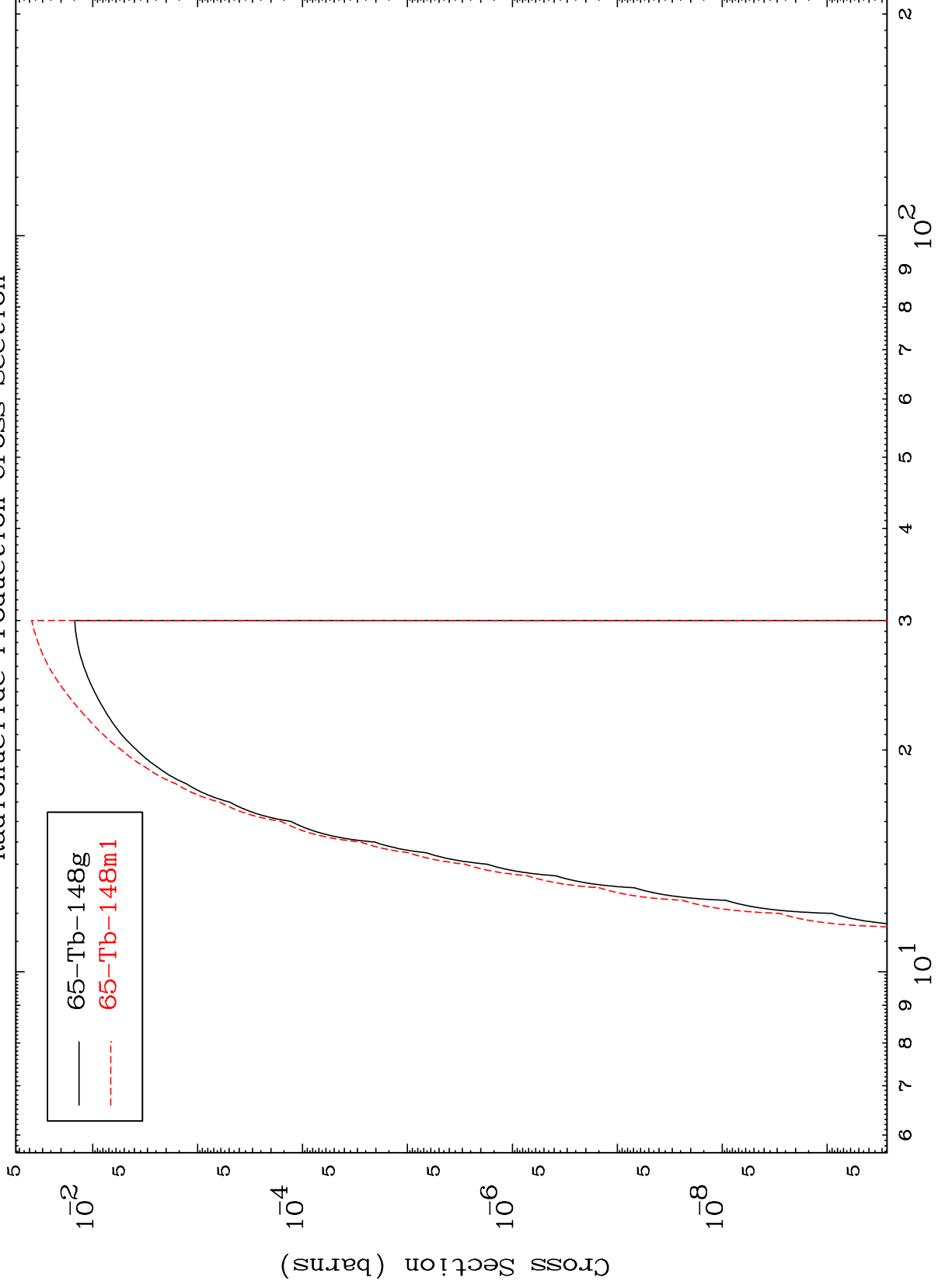
Incident Energy (MeV)

67-Ho-150

MAT 6681

67-Ho-150

(n,2n) p
Radionuclide Production Cross Section



31

Incident Energy (MeV)

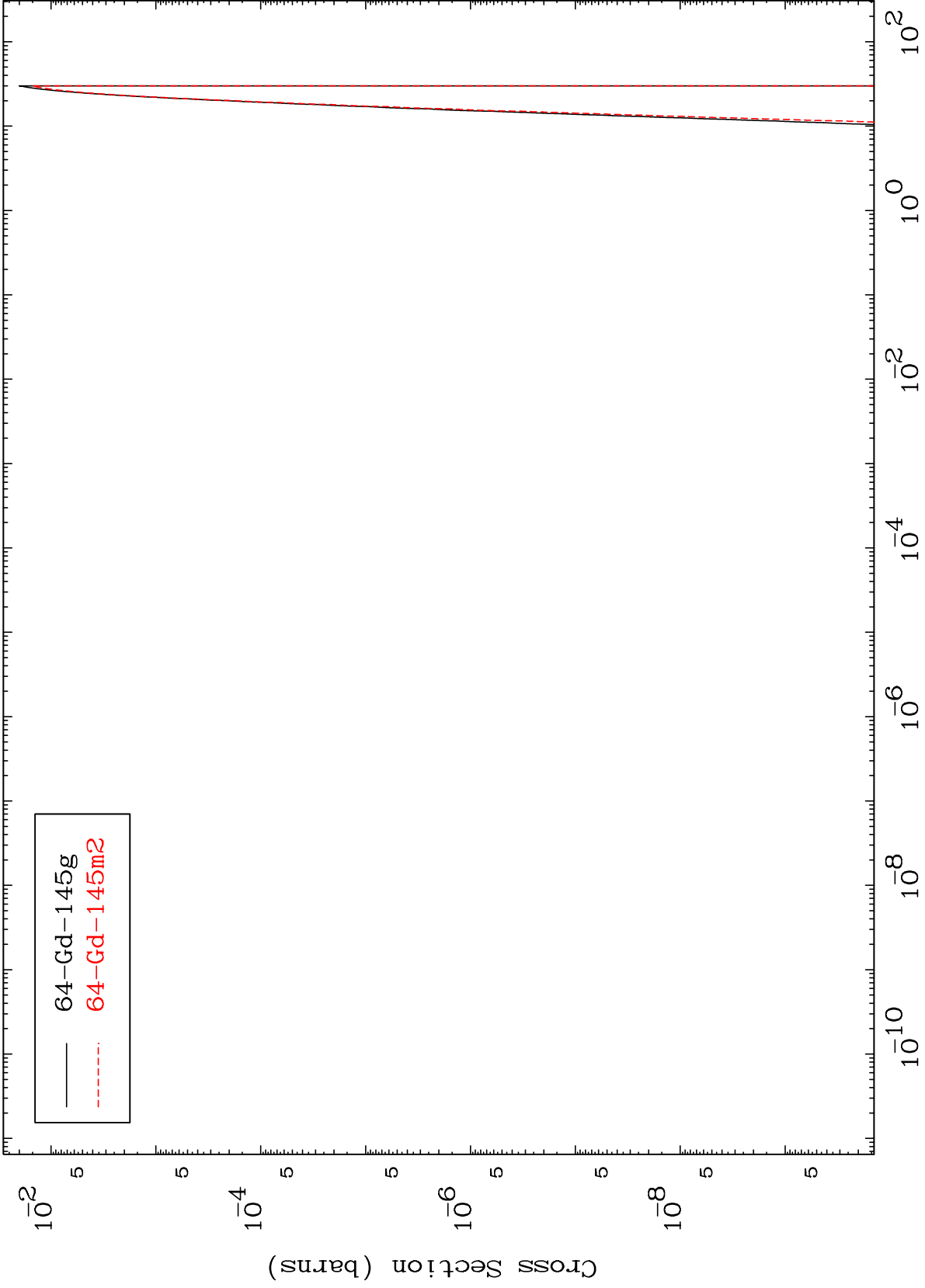
67-Ho-150

MAT 6681

(n,n') p α

67-Ho-150

Radionuclide Production Cross Section



32

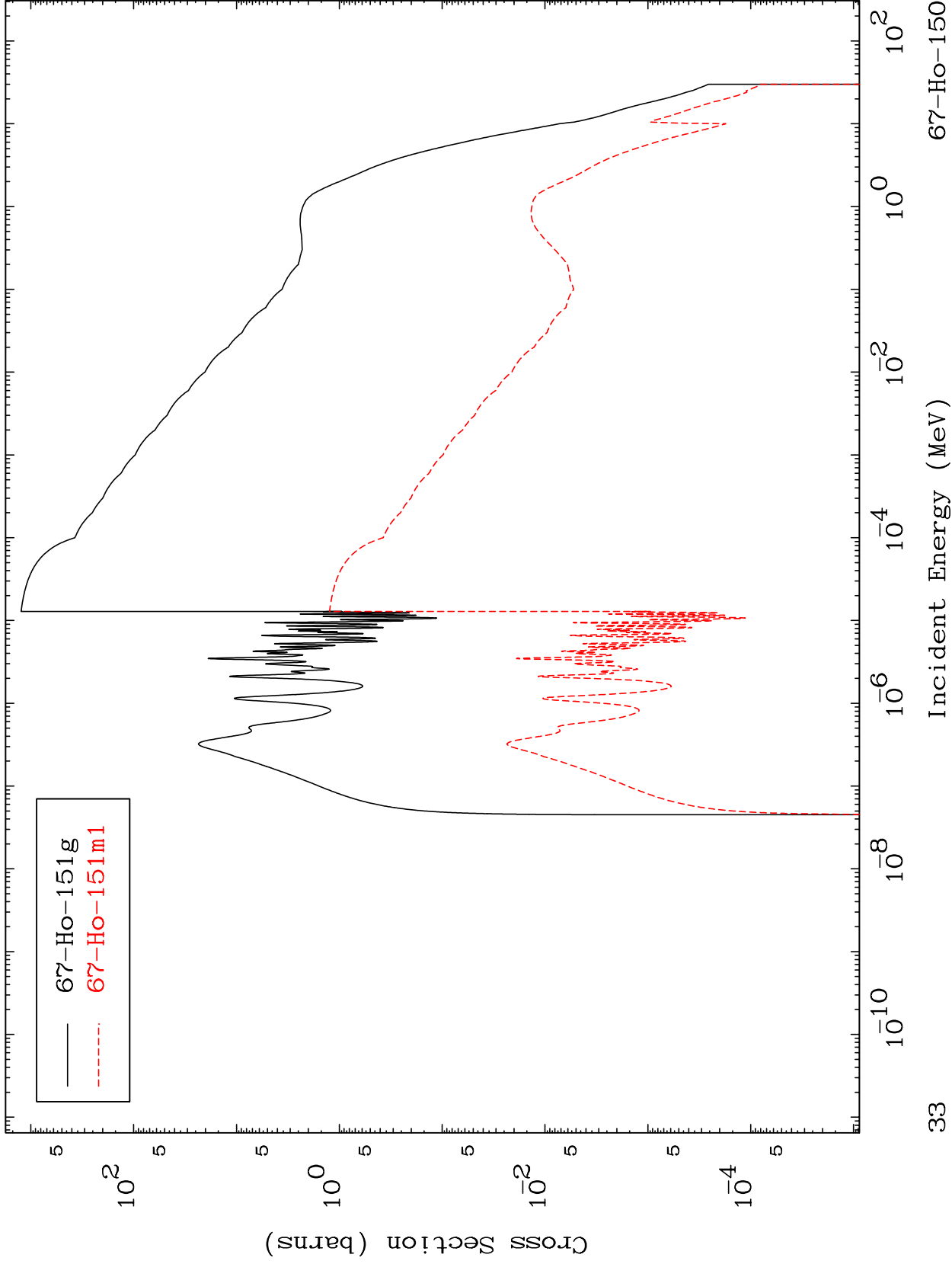
Incident Energy (MeV)

67-Ho-150

MAT 6681

⁶⁷Ho-150

Radionuclide Production Cross Section (n,γ)

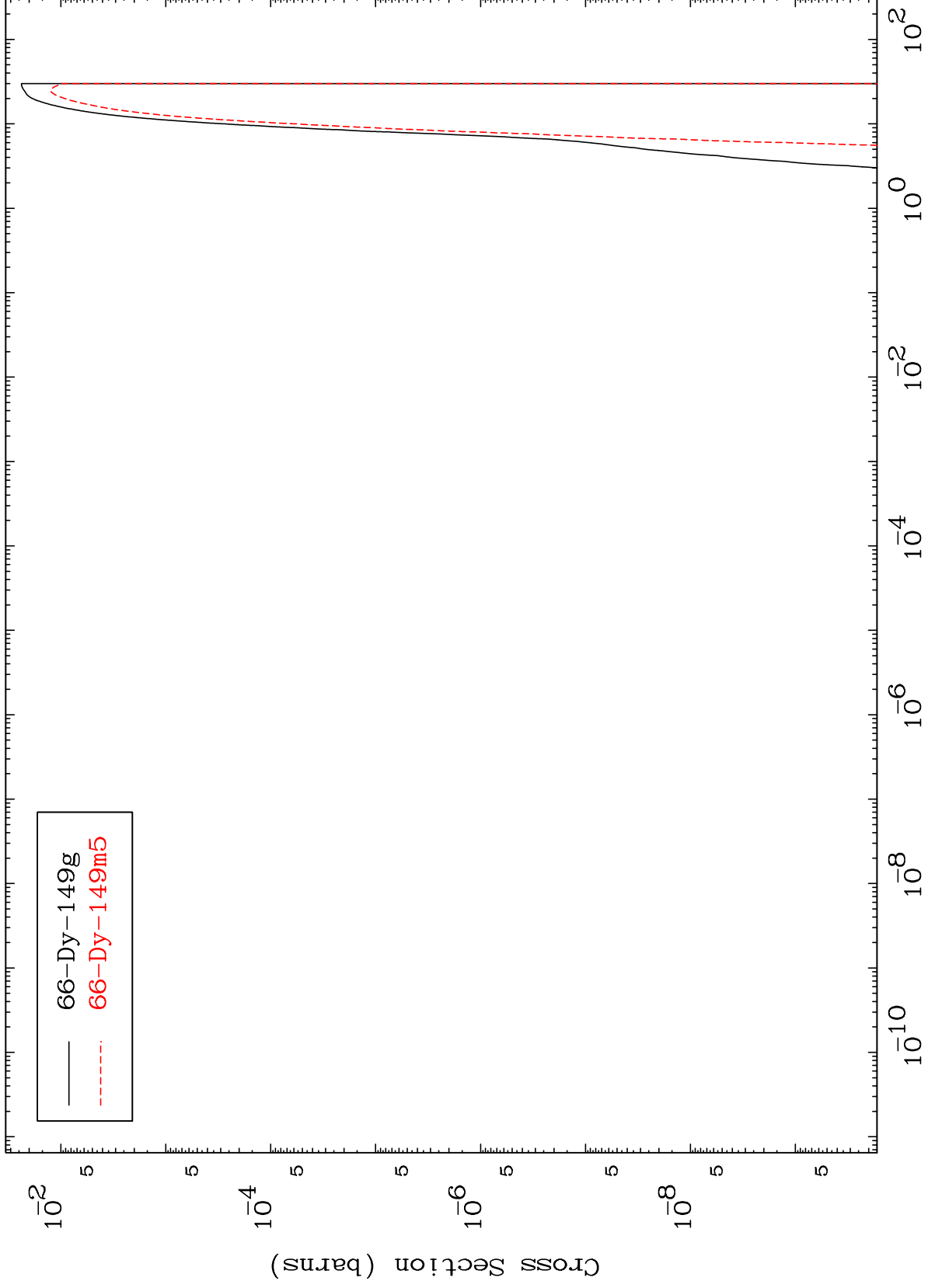


MAT 6681

(n,d)

67-Ho-150

Radionuclide Production Cross Section

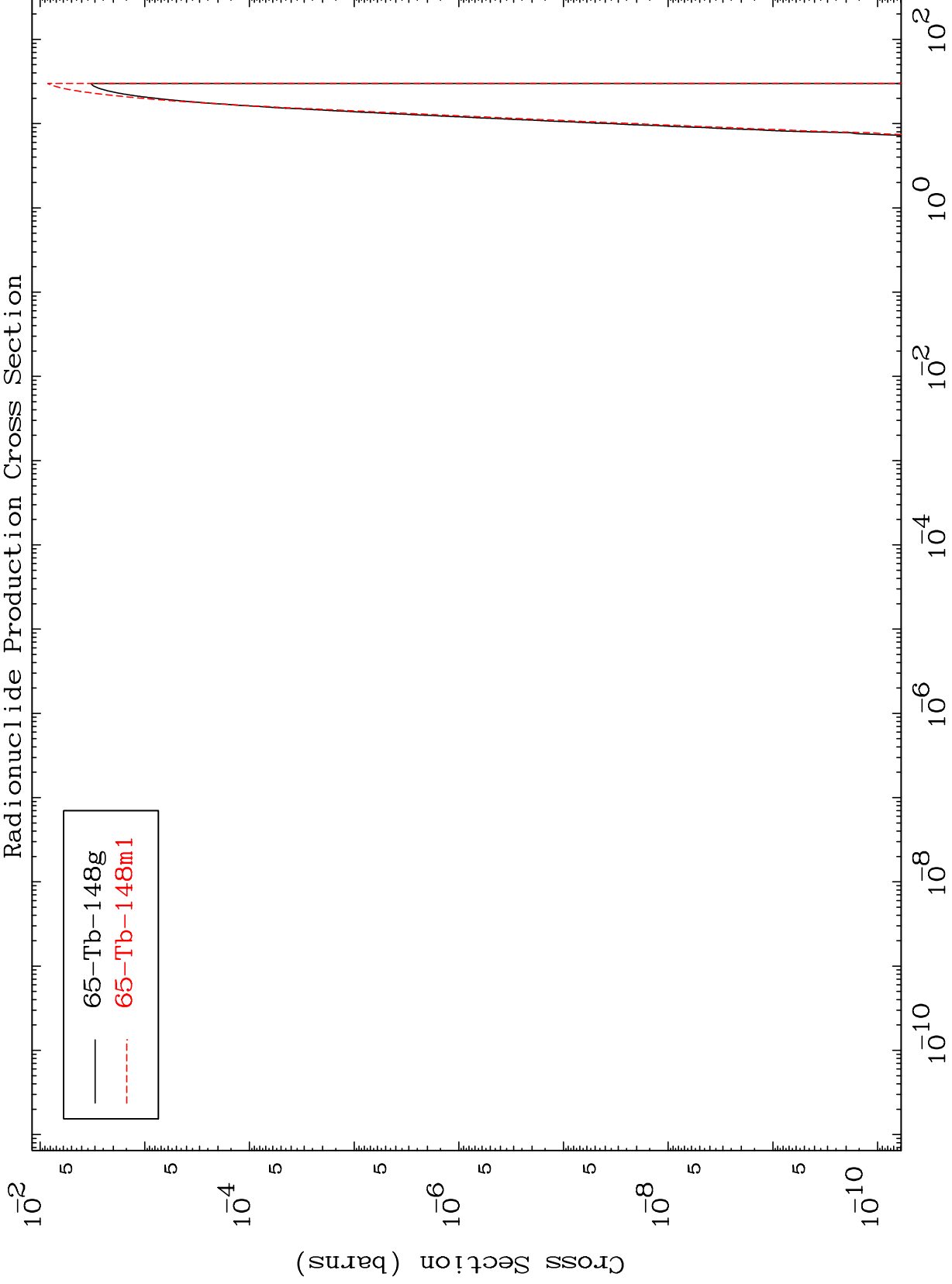


MAT 6681

(n,He-3)

67-Ho-150

Radionuclide Production Cross Section



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

Incident Energy (MeV)

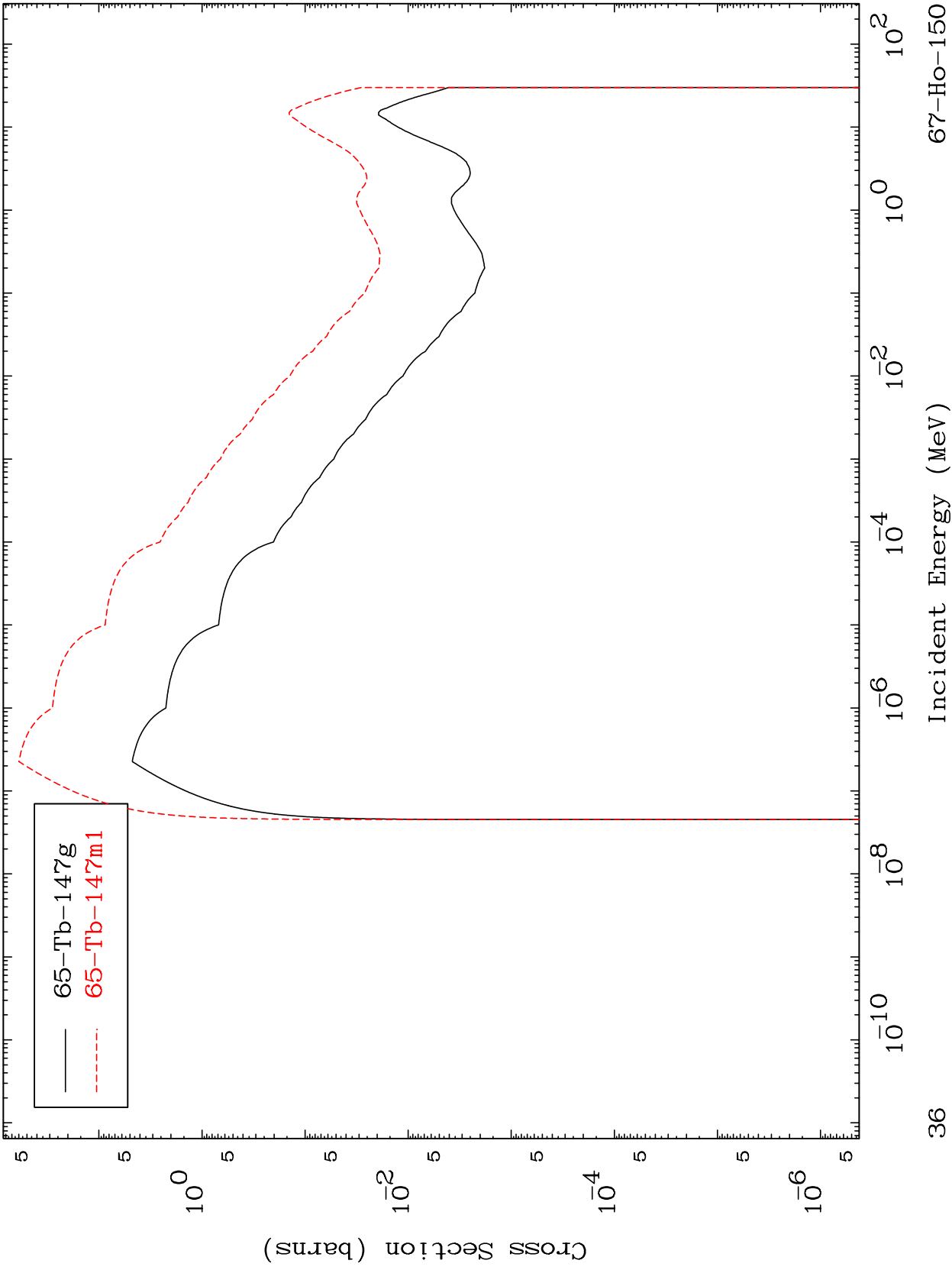
67-Ho-150

35

MAT 6681

67-Ho-150

Radionuclide Production Cross Section

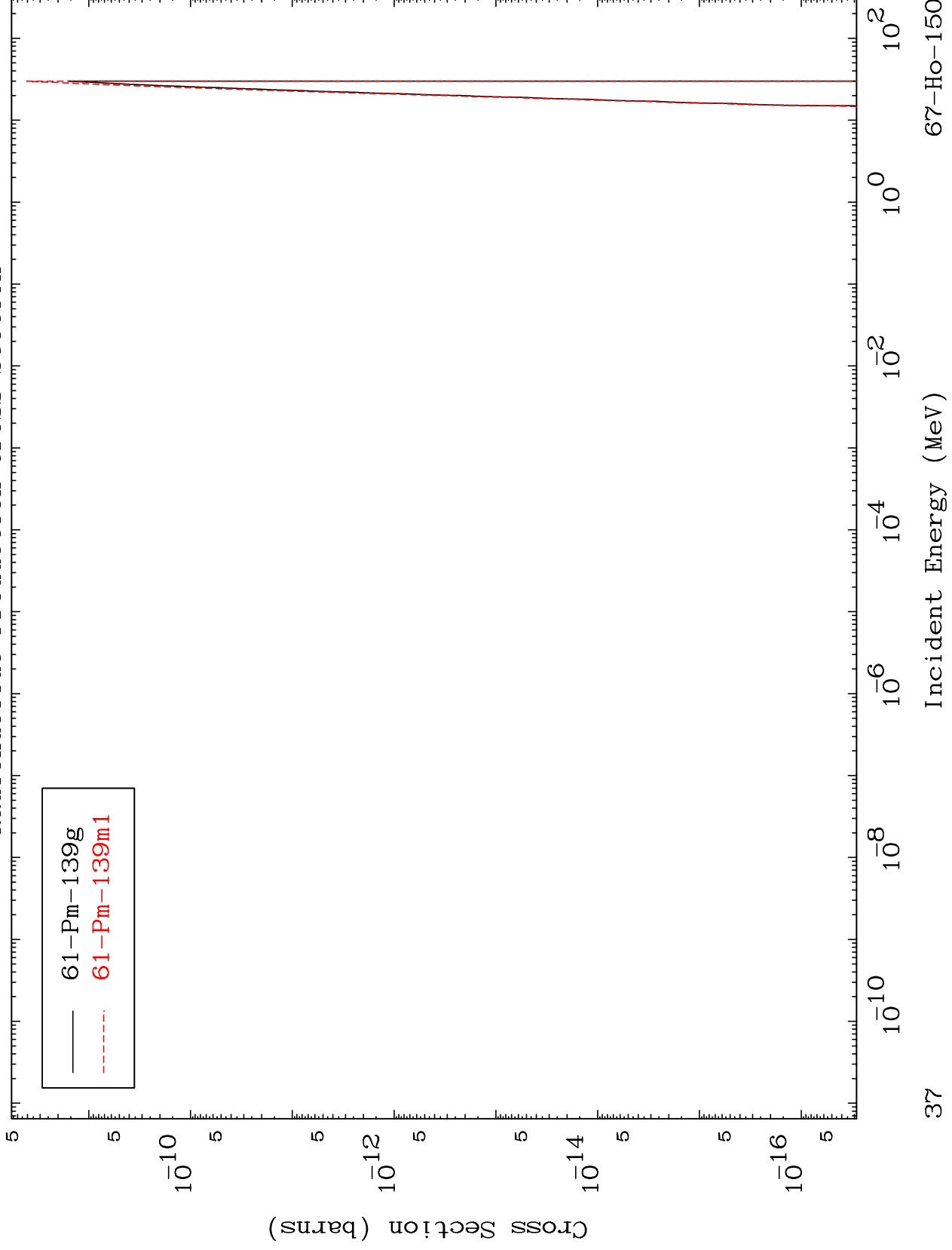


MAT 6681

(n,3α)

67-Ho-150

Radionuclide Production Cross Section



37

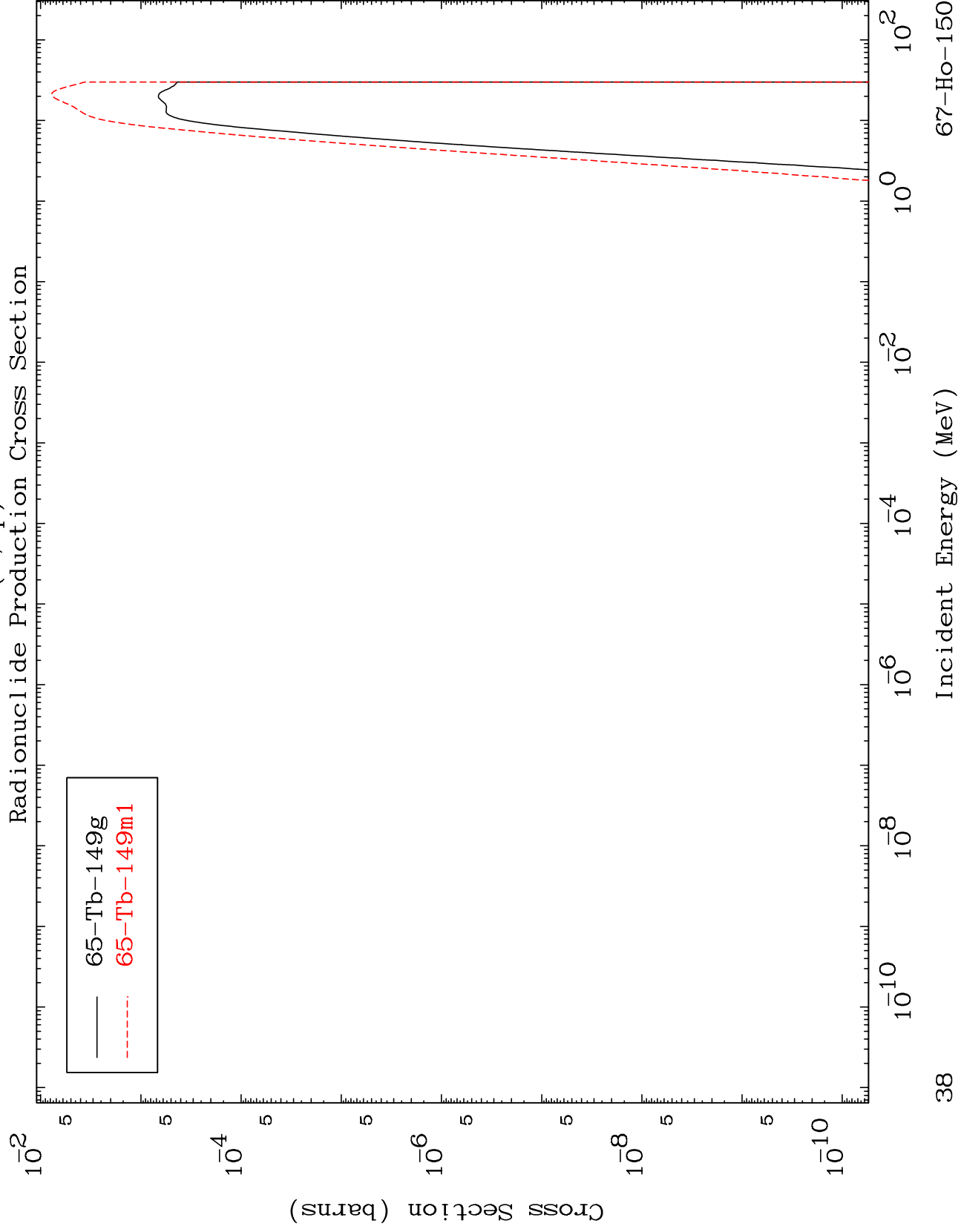
Incident Energy (MeV)

67-Ho-150

MAT 6681

67-Ho-150

(n,2p)
Radionuclide Production Cross Section

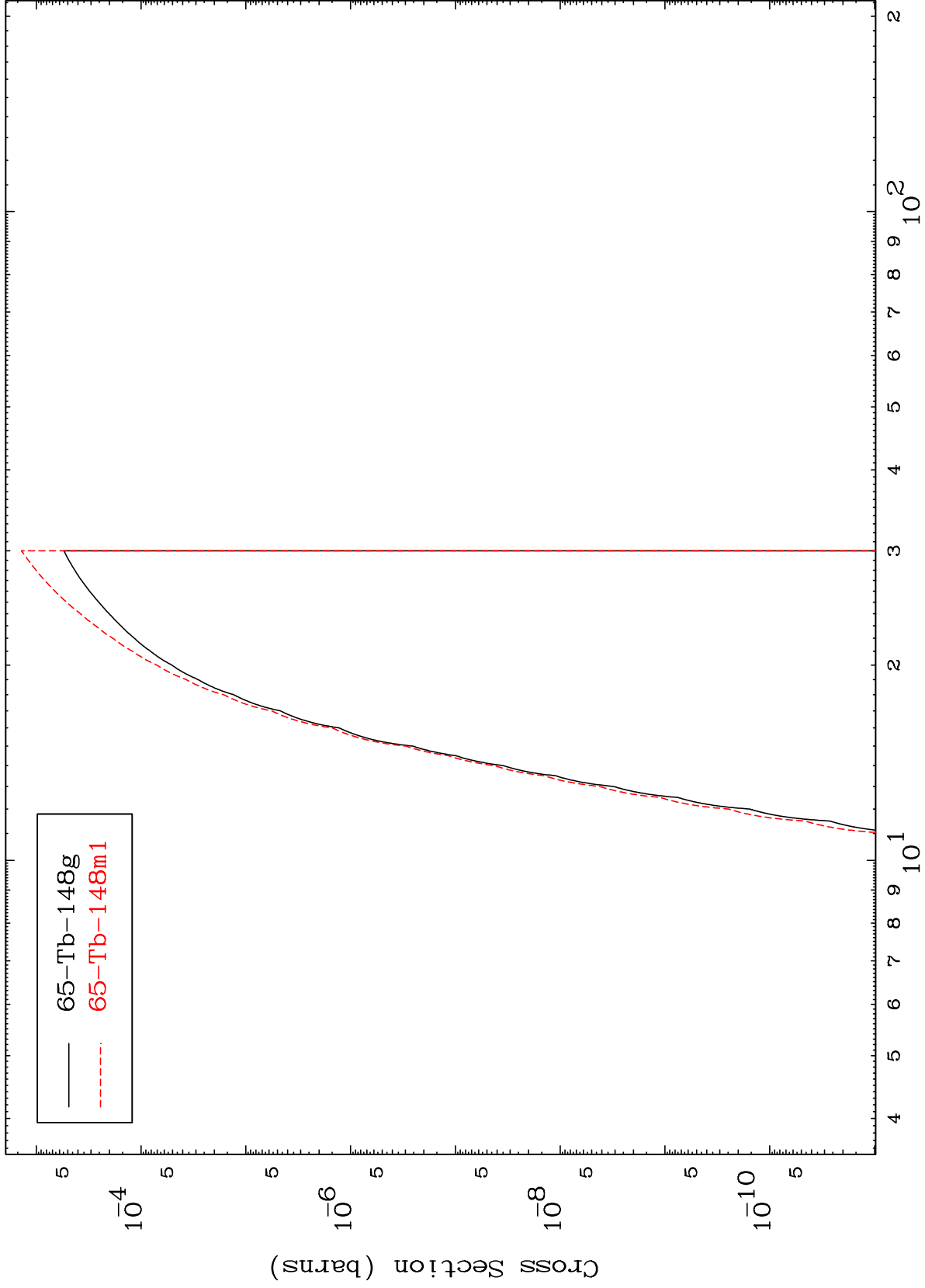


MAT 6681

(n,p) d

67-Ho-150

Radionuclide Production Cross Section



39

Incident Energy (MeV)

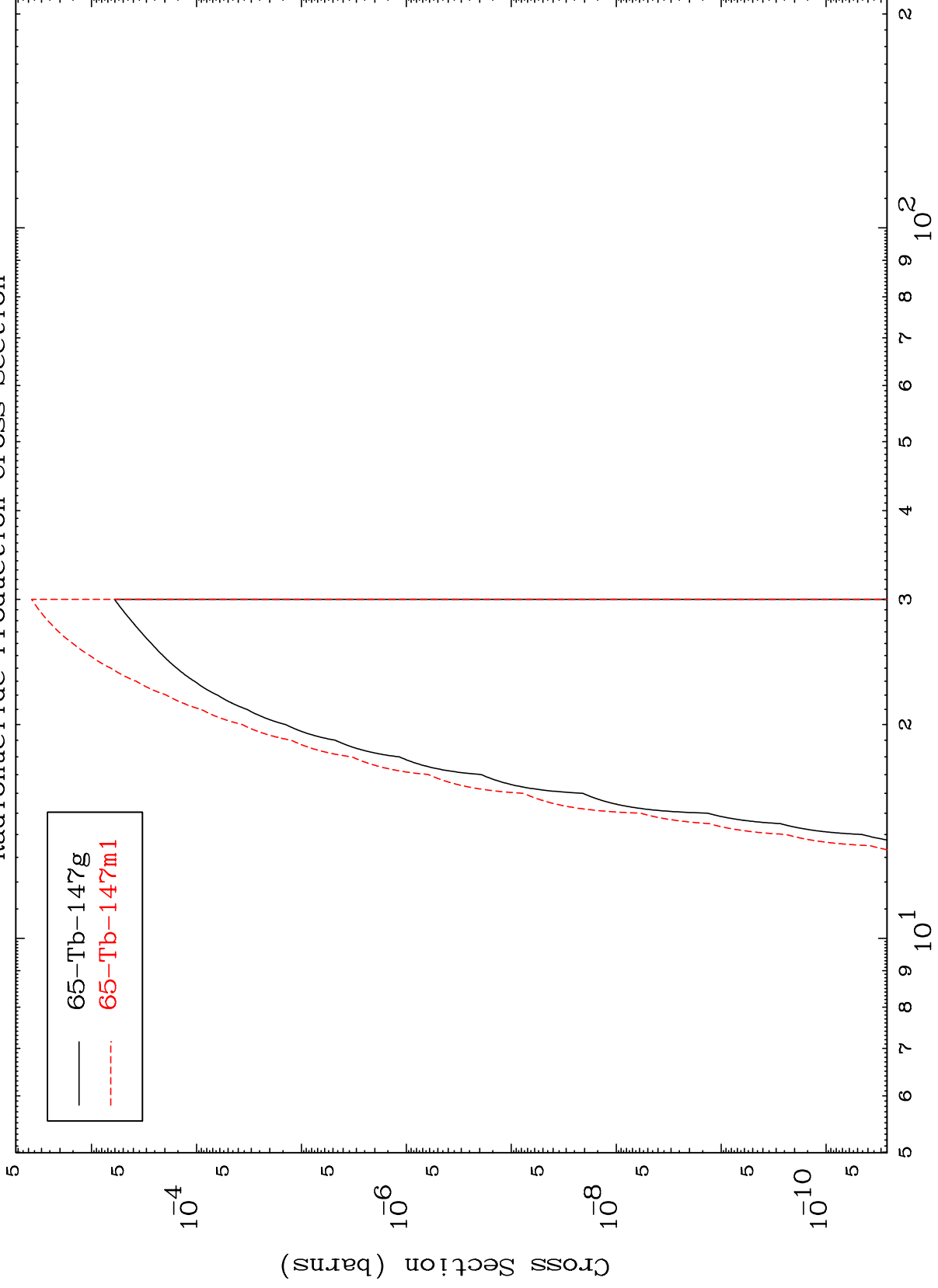
67-Ho-150

MAT 6681

(n,p) t

67-Ho-150

Radionuclide Production Cross Section



40

Incident Energy (MeV)

67-Ho-150

MAT 6681

(n,d) α

67-Ho-150

Radionuclide Production Cross Section

