

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

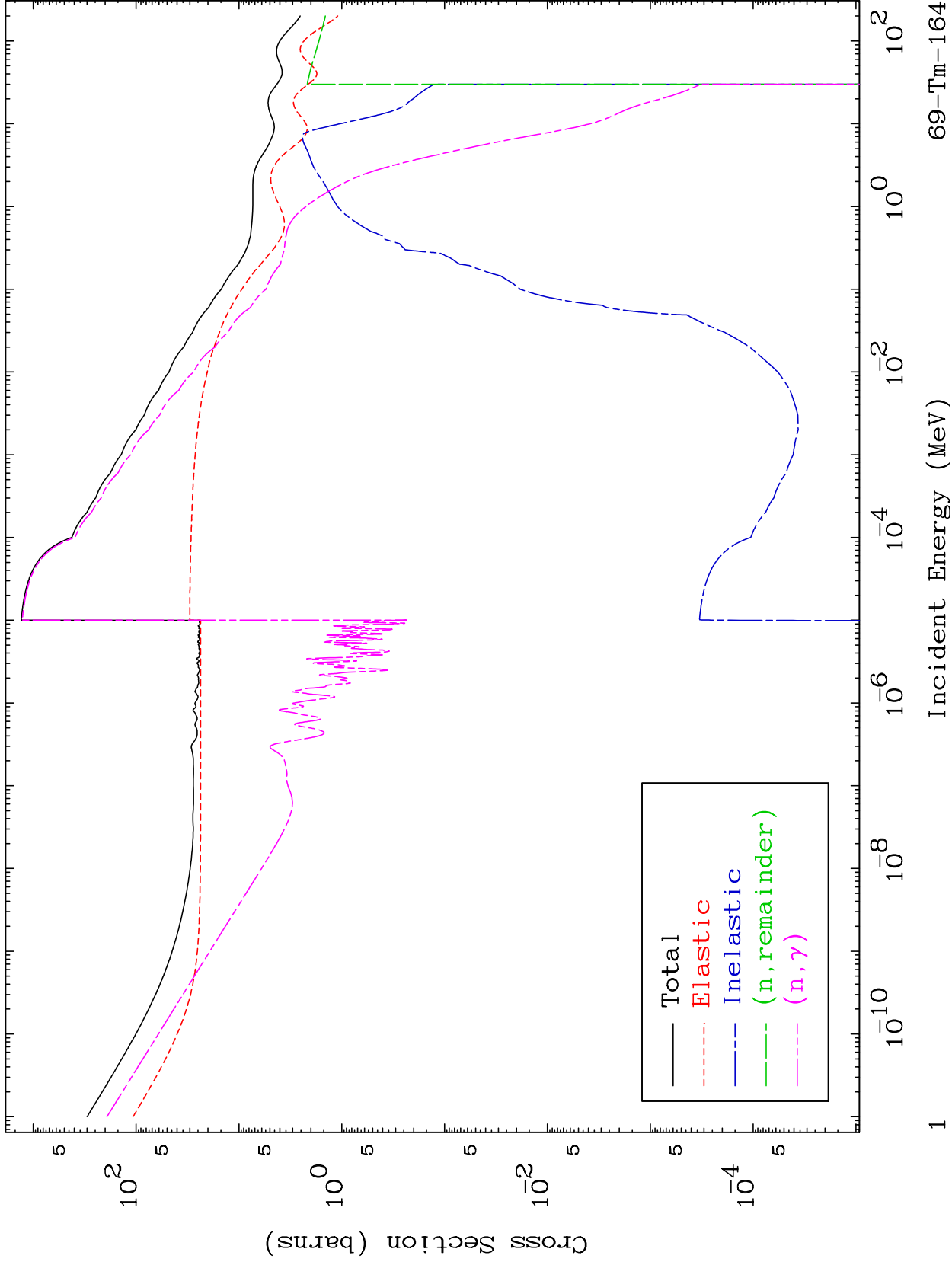
Press Mouse Button to Start

MAT 6911

Major

293 Kelvin Cross Sections

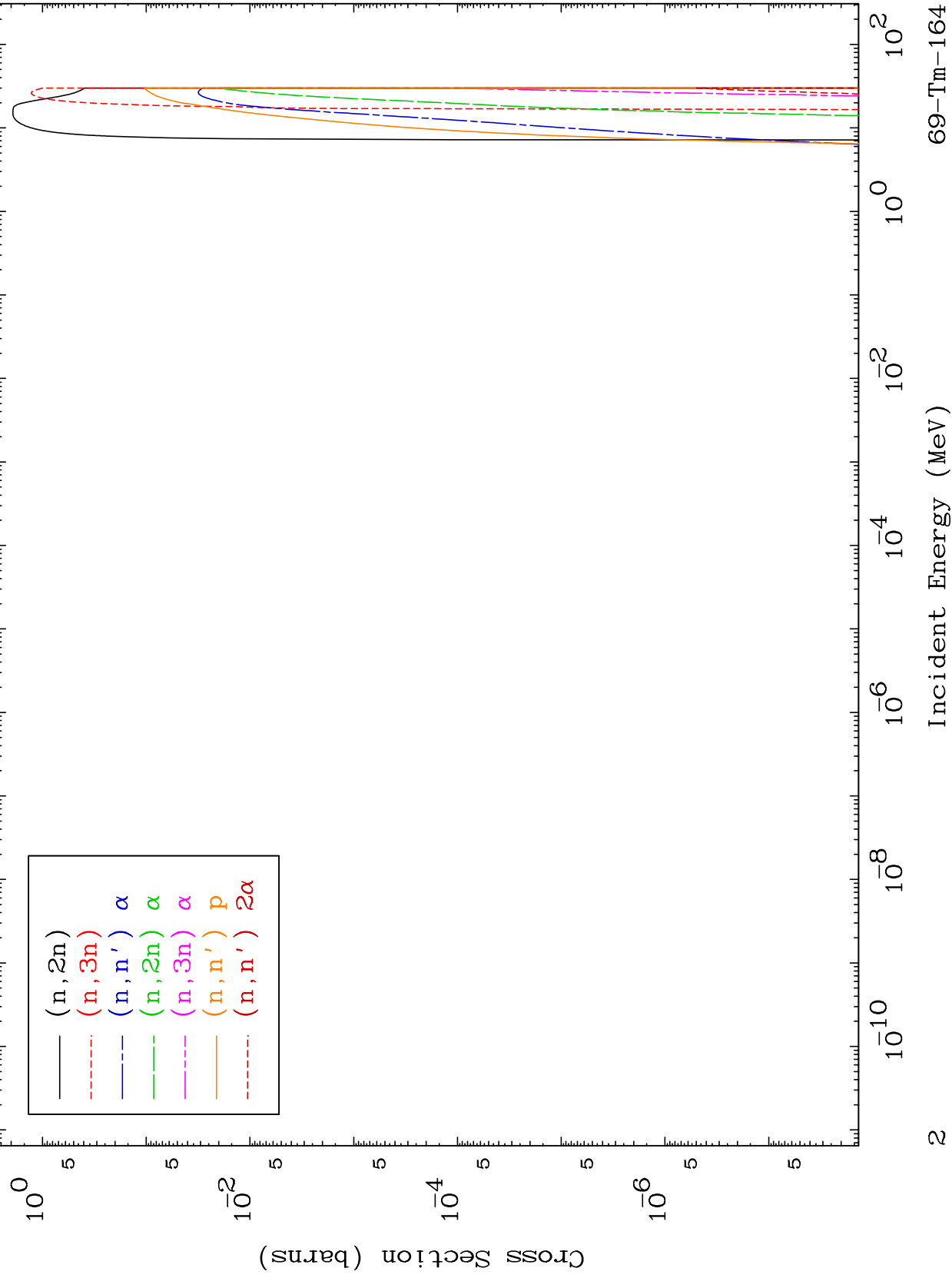
69-Tm-164

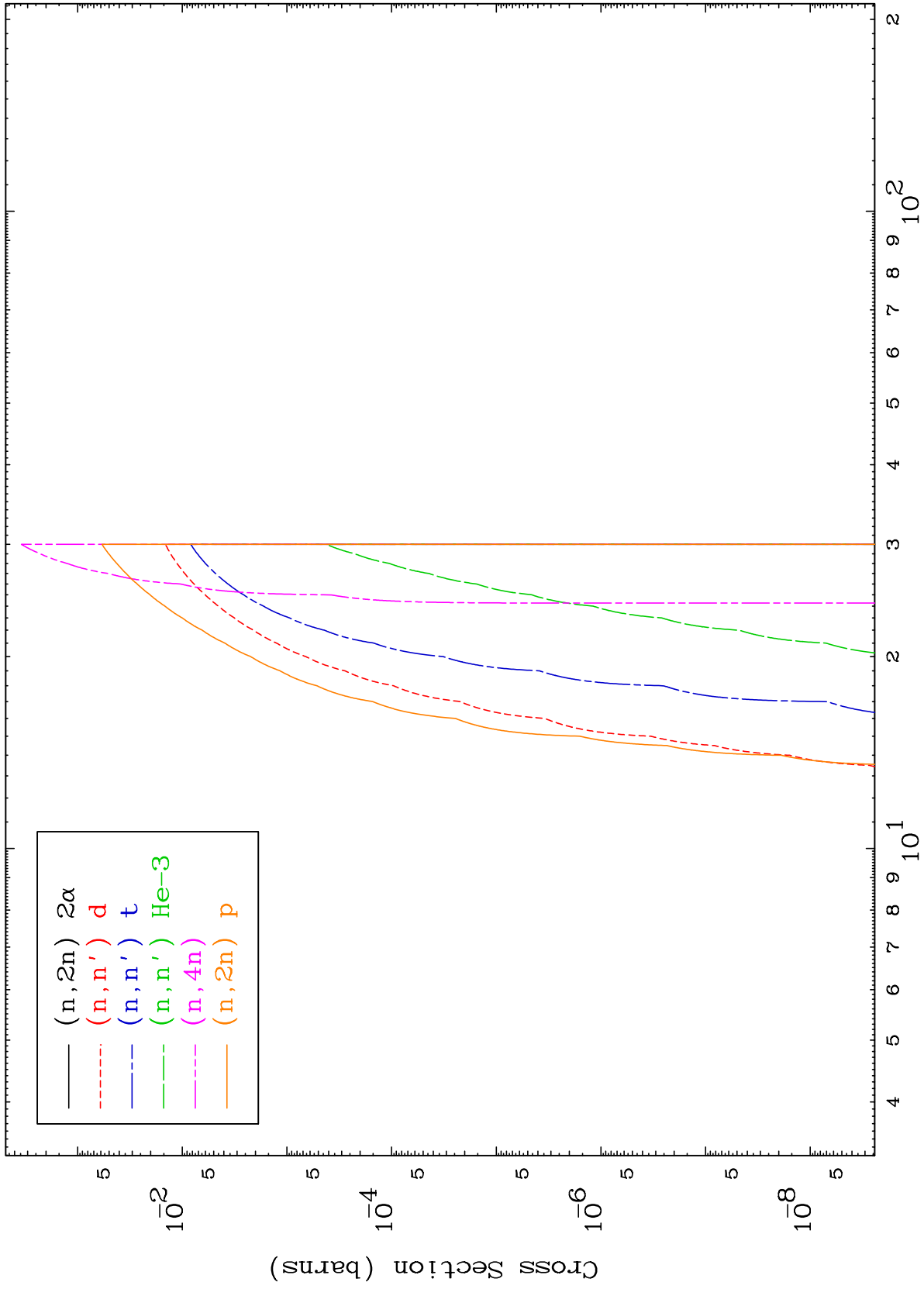


MAT 6911

Neutron Production
293 Kelvin Cross Sections

69-Tm-164

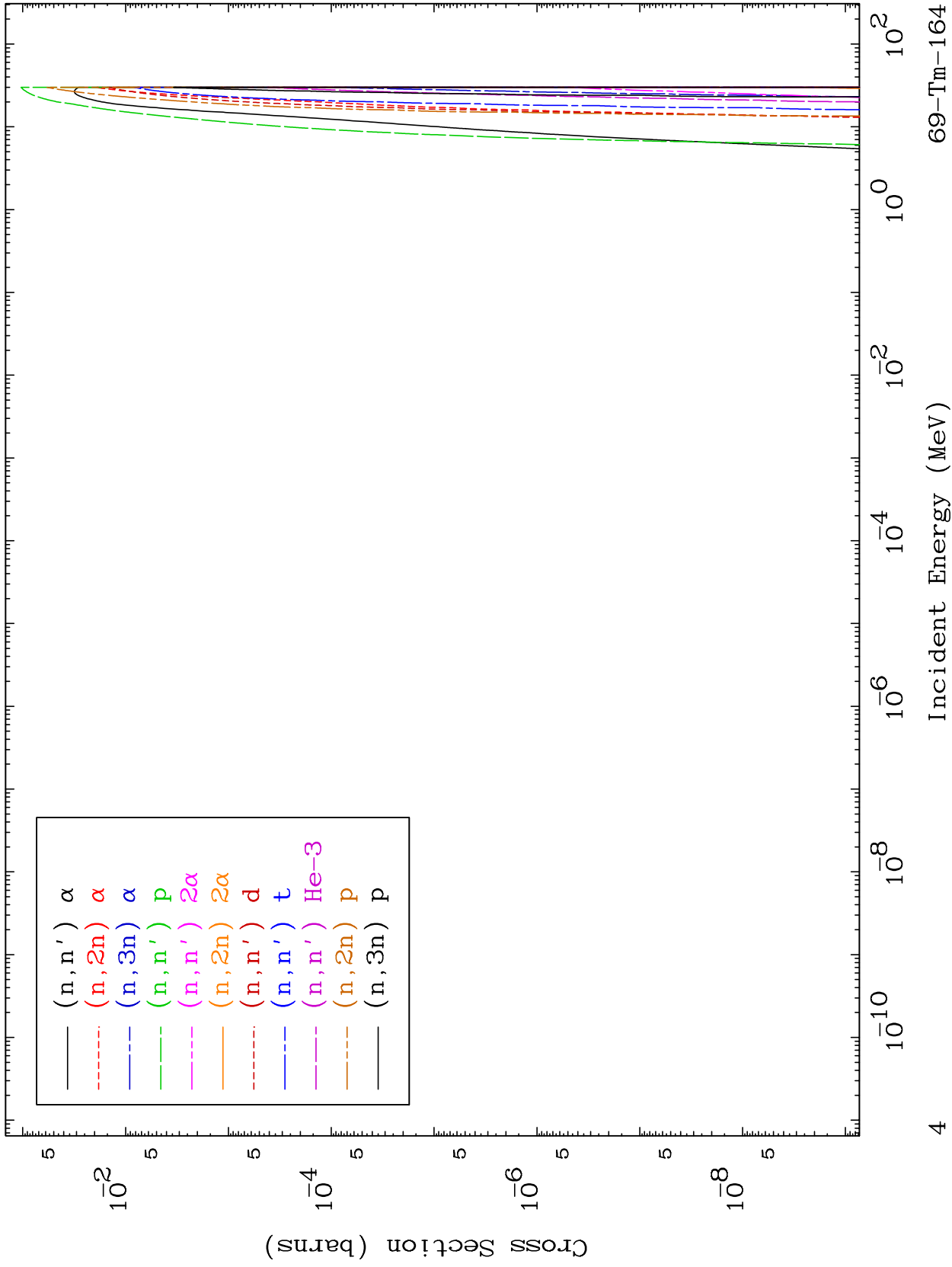




MAT 6911

Charged Particle
293 Kelvin Cross Sections

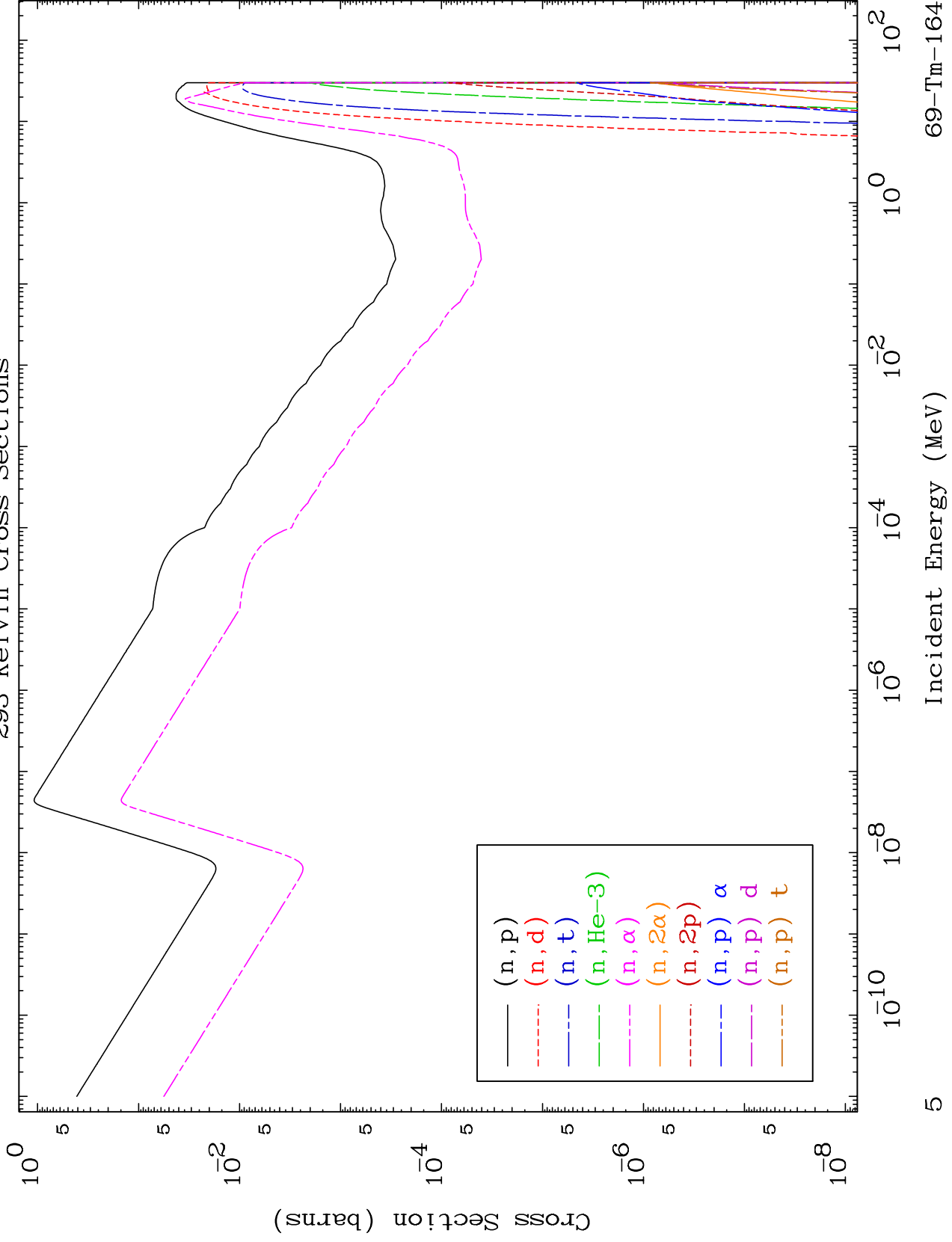
69-Tm-164



MAT 6911

Charged Particle
293 Kelvin Cross Sections

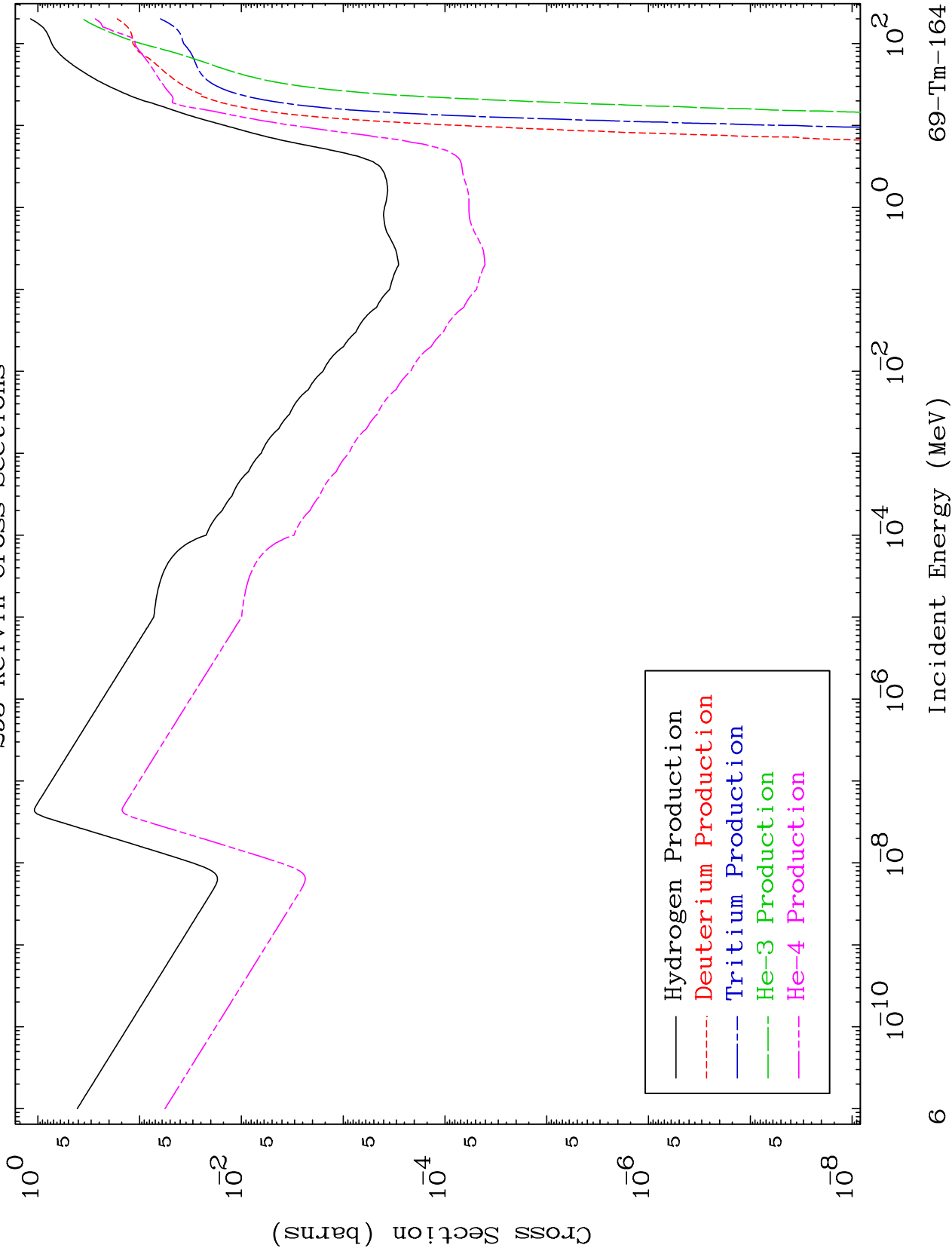
69-Tm-164



MAT 6911

Particle Production
293 Kelvin Cross Sections

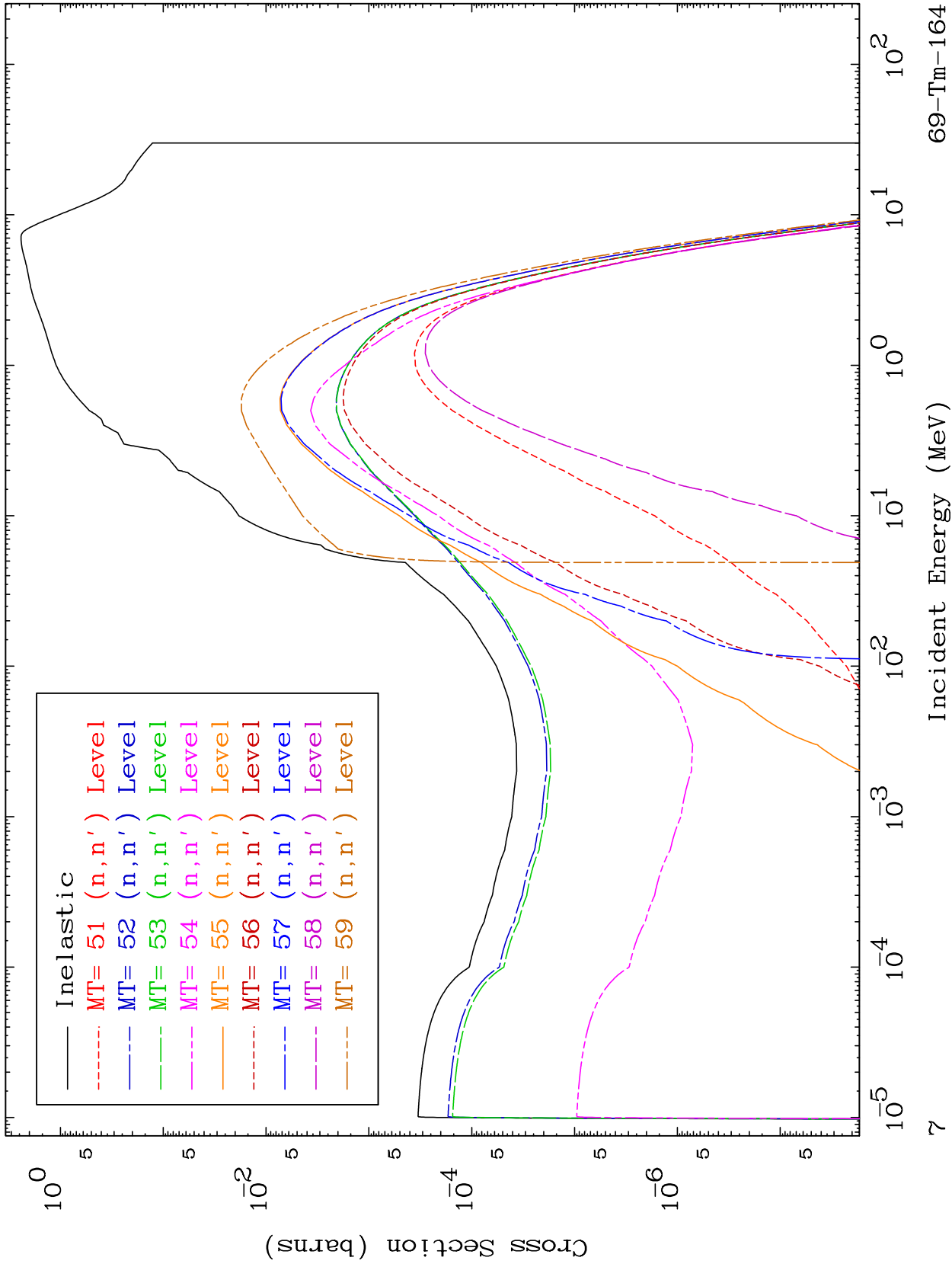
69-Tm-164



MAT 6911

293 Kelvin Cross Sections

69-Tm-164

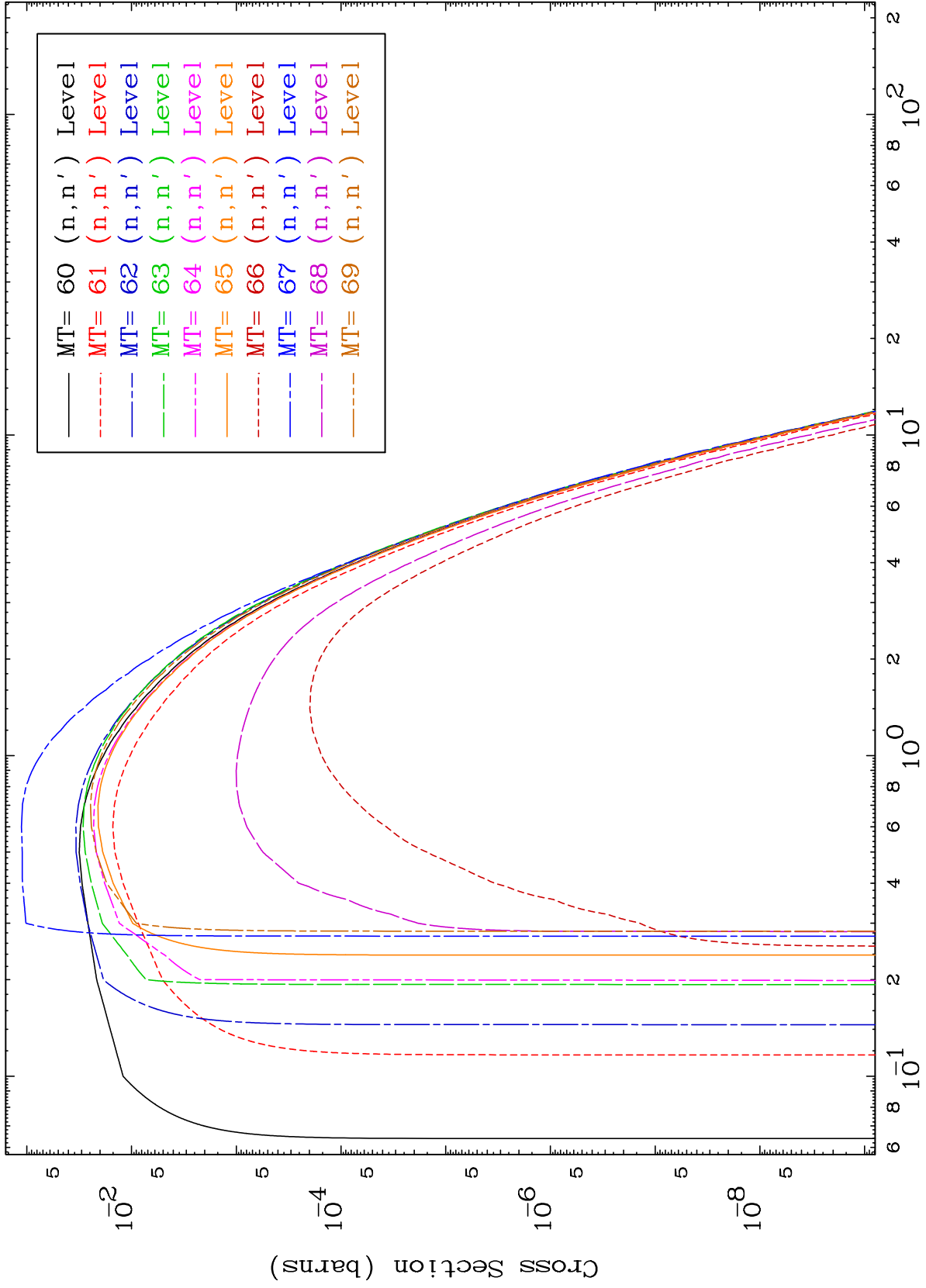


MAT 6911

(n,n') Level

69-Tm-164

293 Kelvin Cross Sections



8

Incident Energy (MeV)

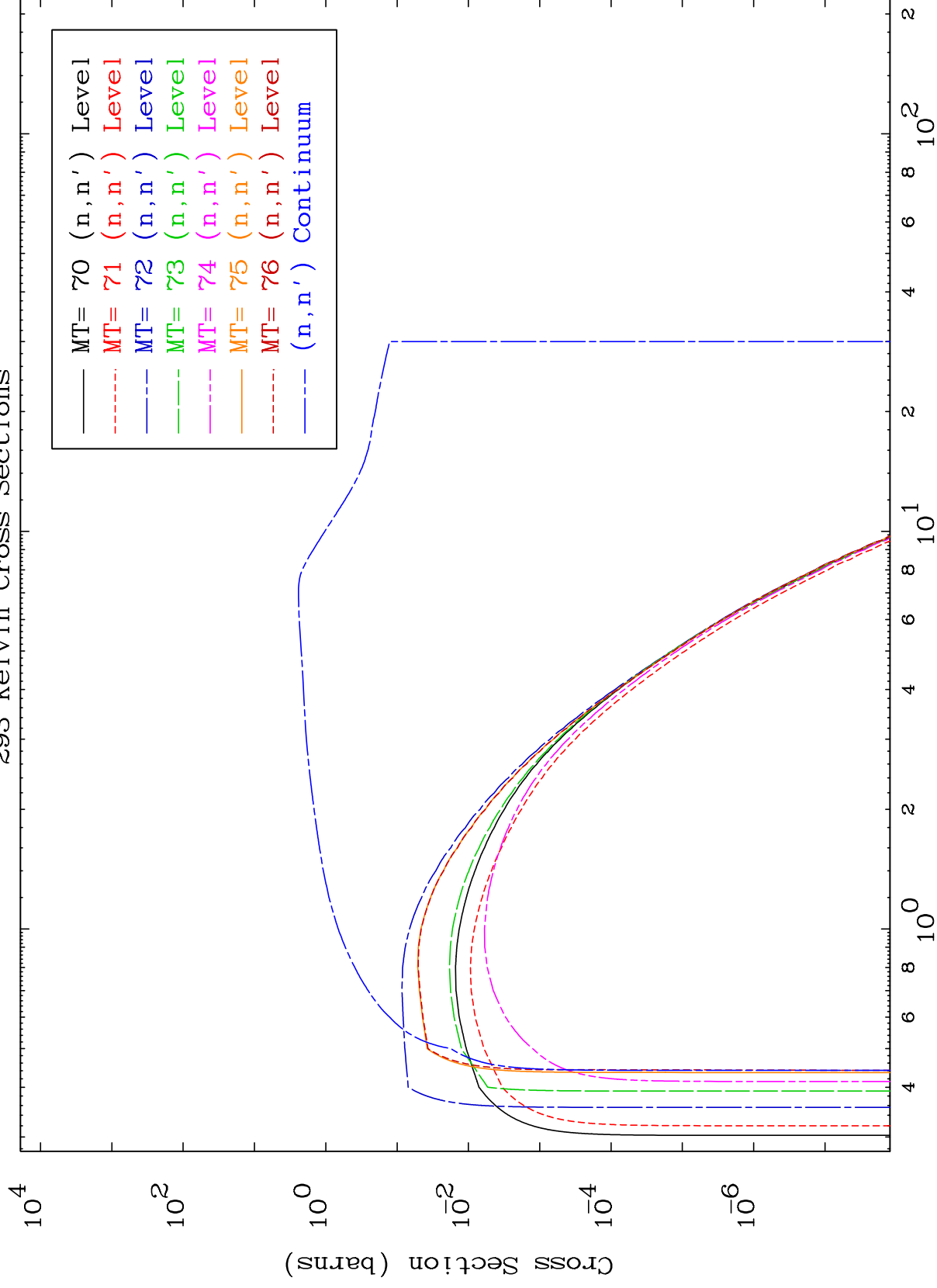
69-Tm-164

MAT 6911

(n,n') Level

69-Tm-164

293 Kelvin Cross Sections



9

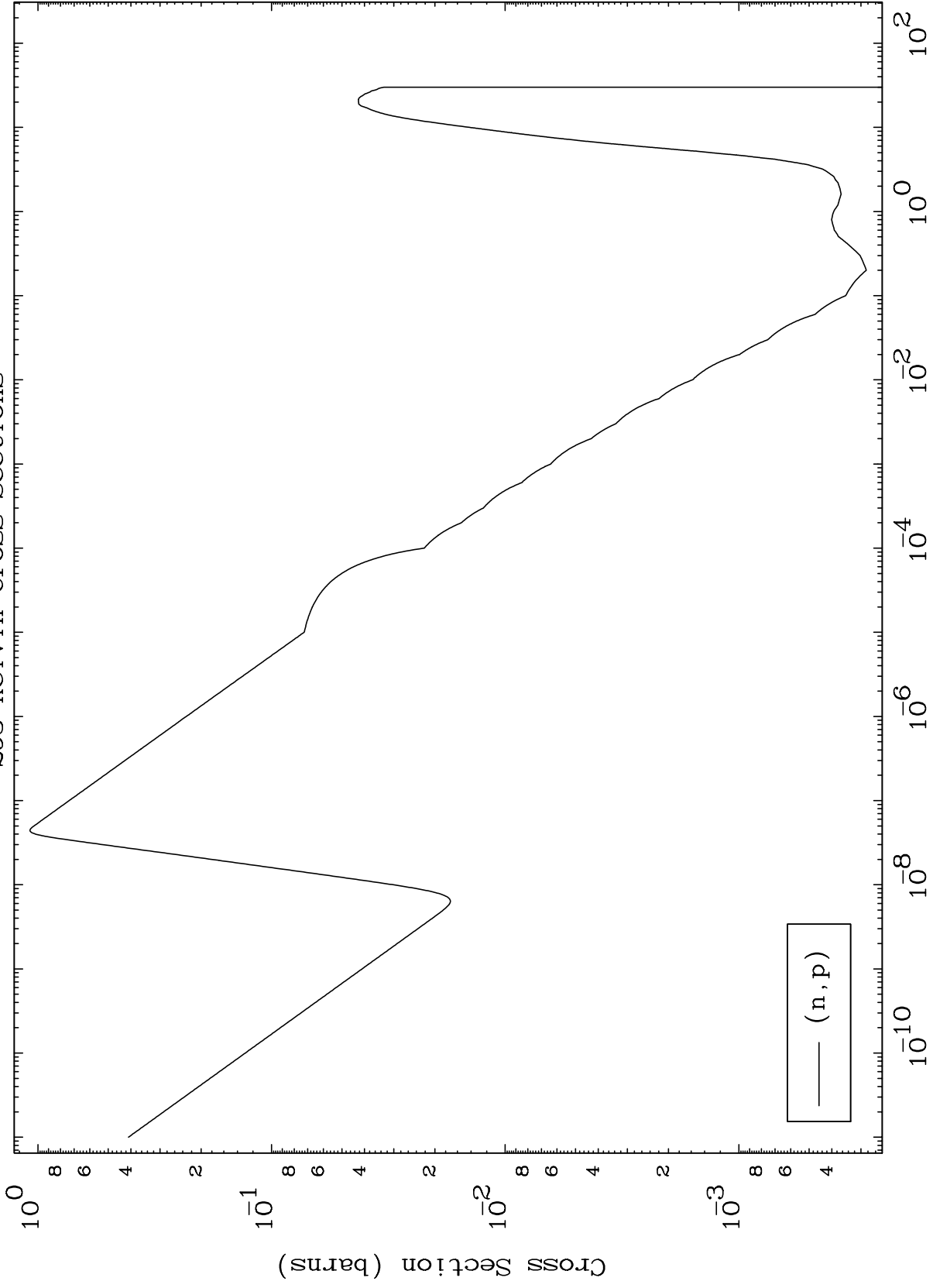
Incident Energy (MeV)

69-Tm-164

MAT 6911

(n,p) Levels
293 Kelvin Cross Sections

69-Tm-164



10

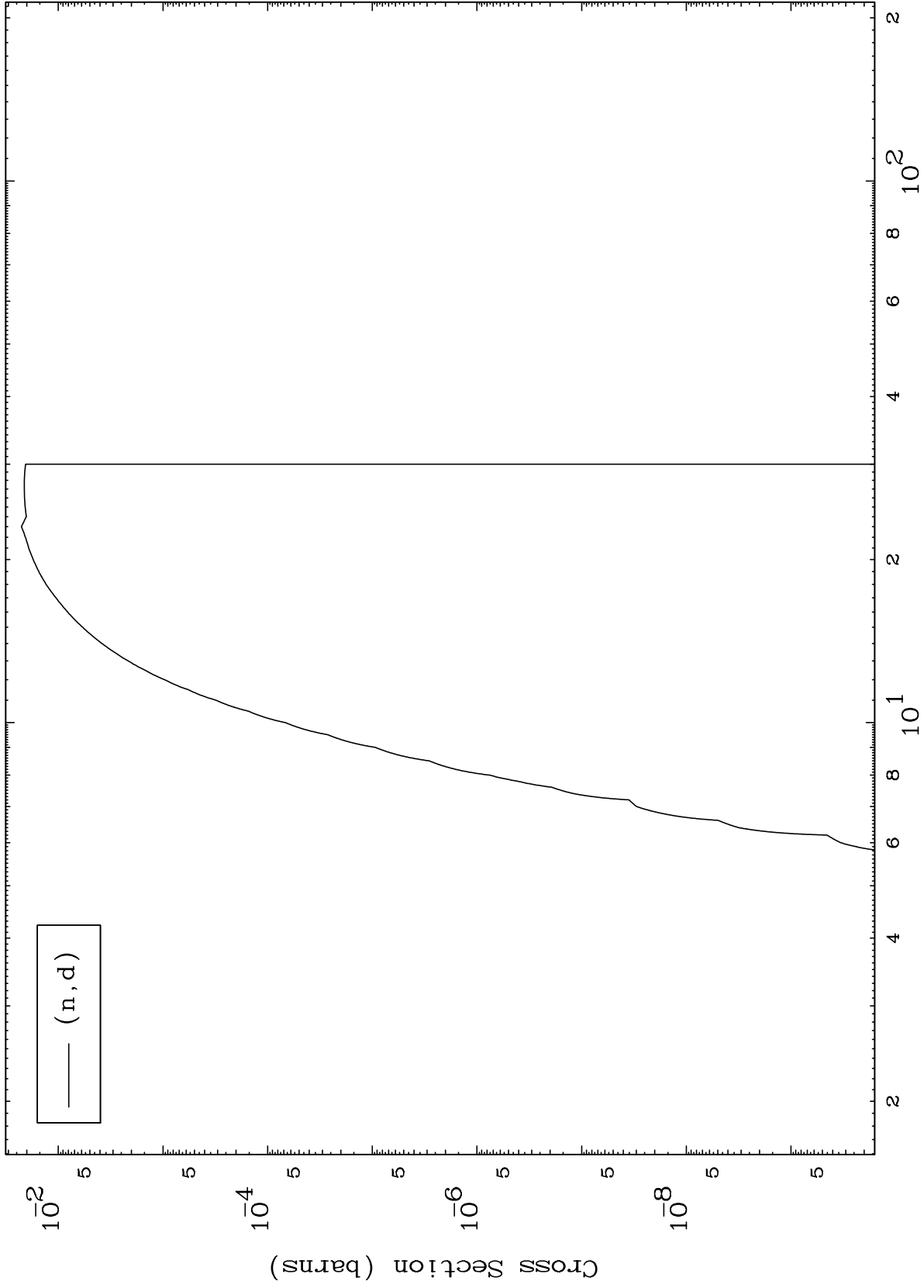
Incident Energy (MeV)

69-Tm-164

MAT 6911

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-164



11

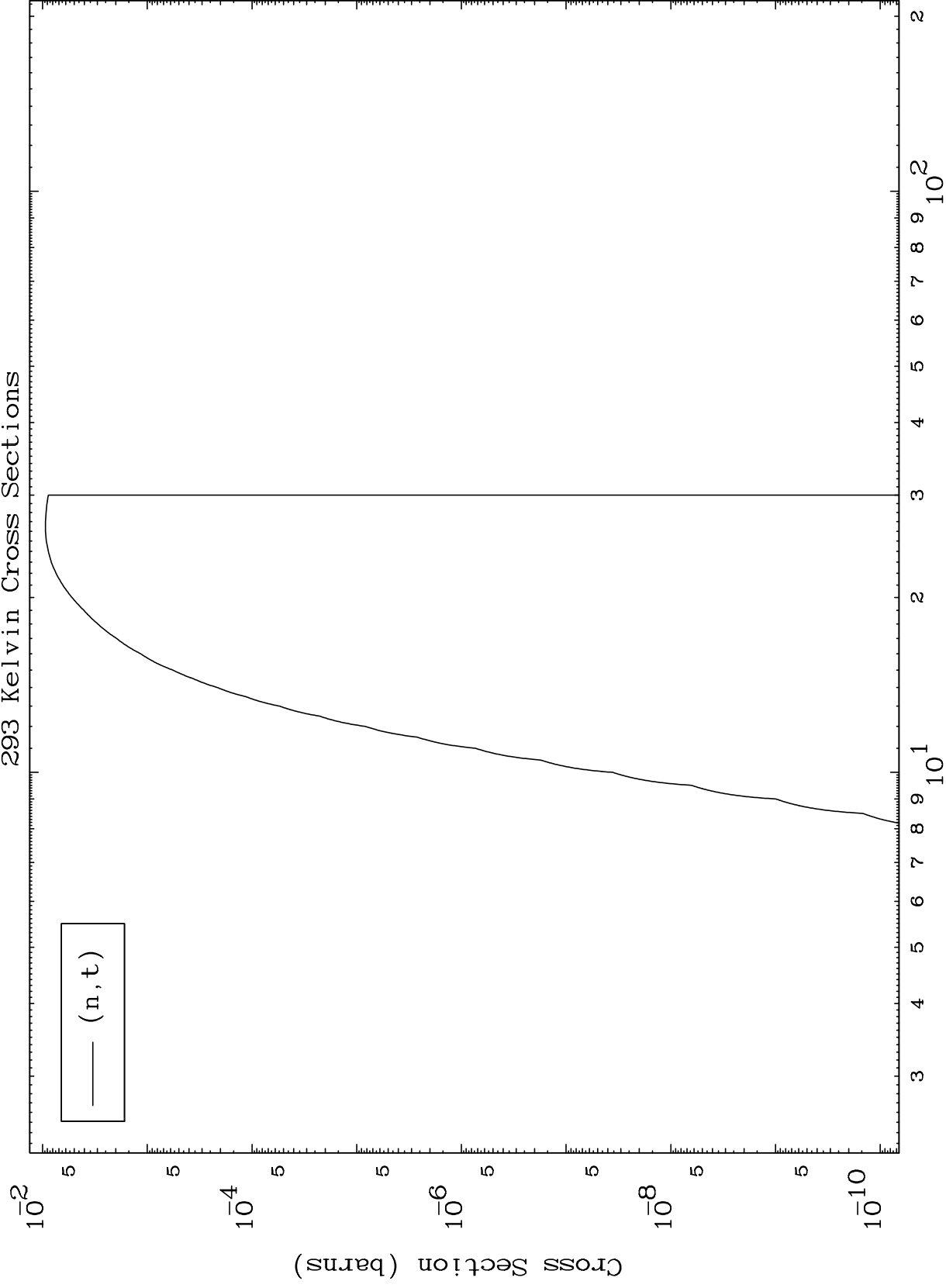
Incident Energy (MeV)

69-Tm-164

MAT 6911

69-Tm-164

(n,t) Levels
293 Kelvin Cross Sections



12

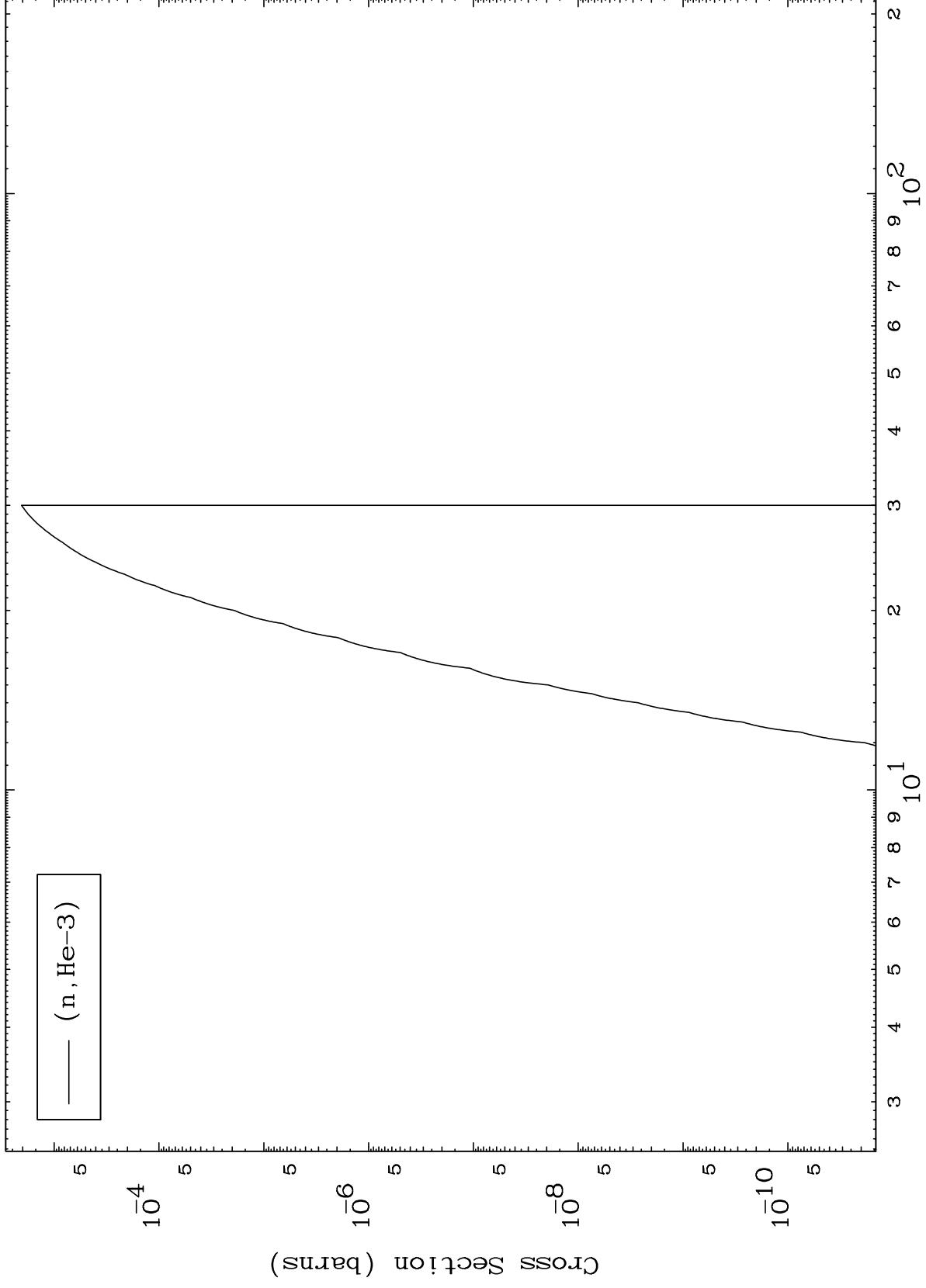
69-Tm-164

Incident Energy (MeV)

MAT 6911

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-164



13

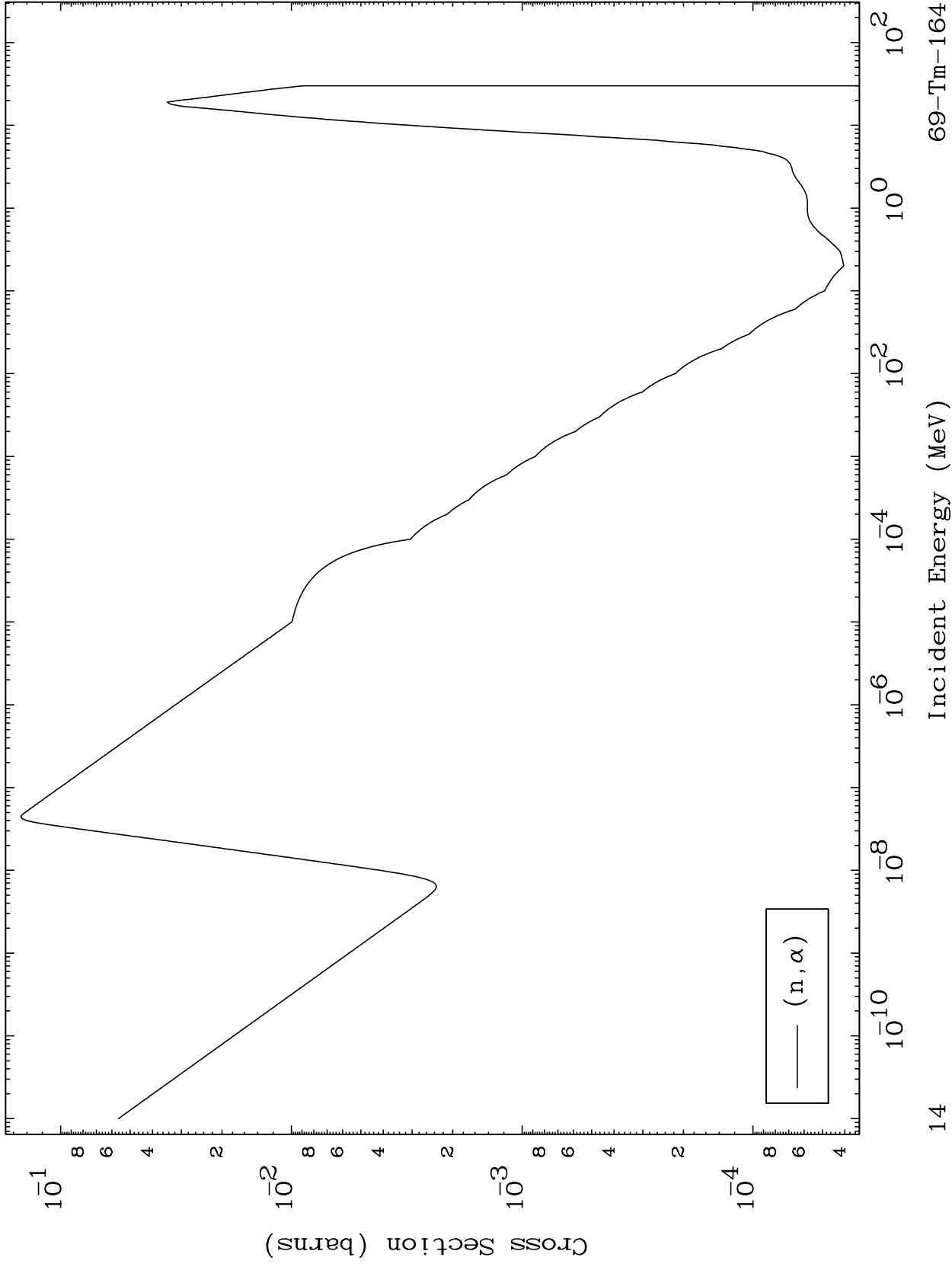
Incident Energy (MeV)

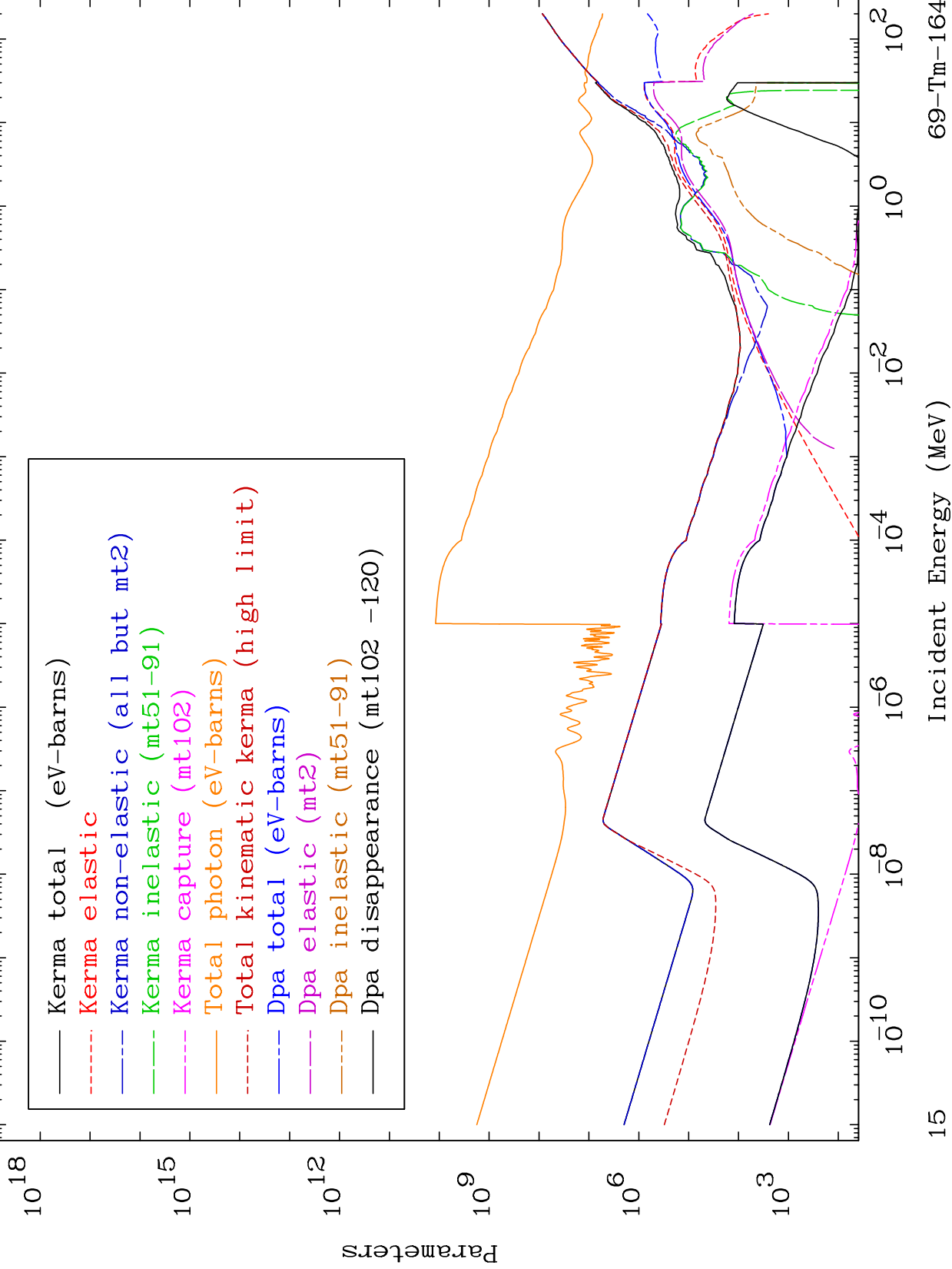
69-Tm-164

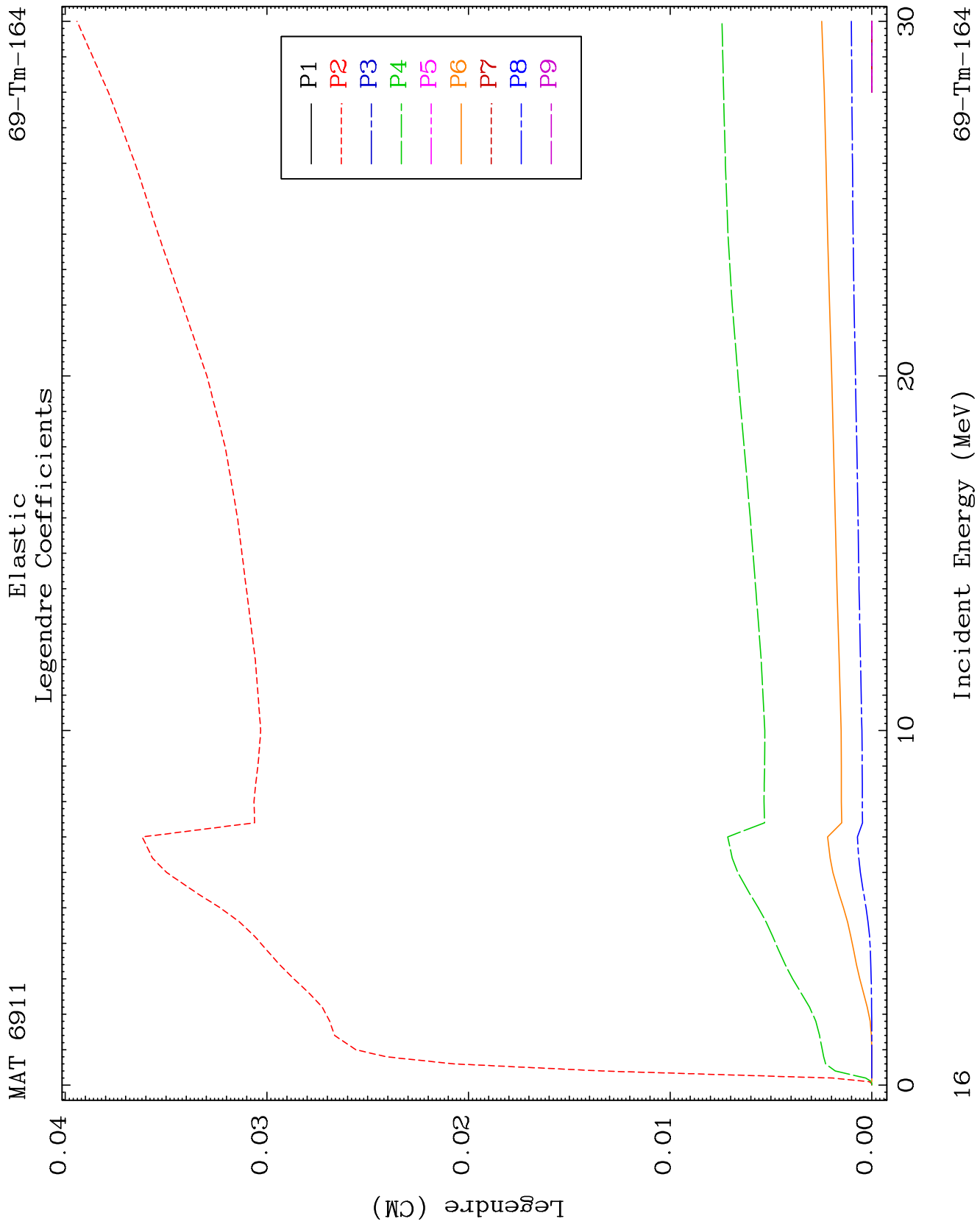
MAT 6911

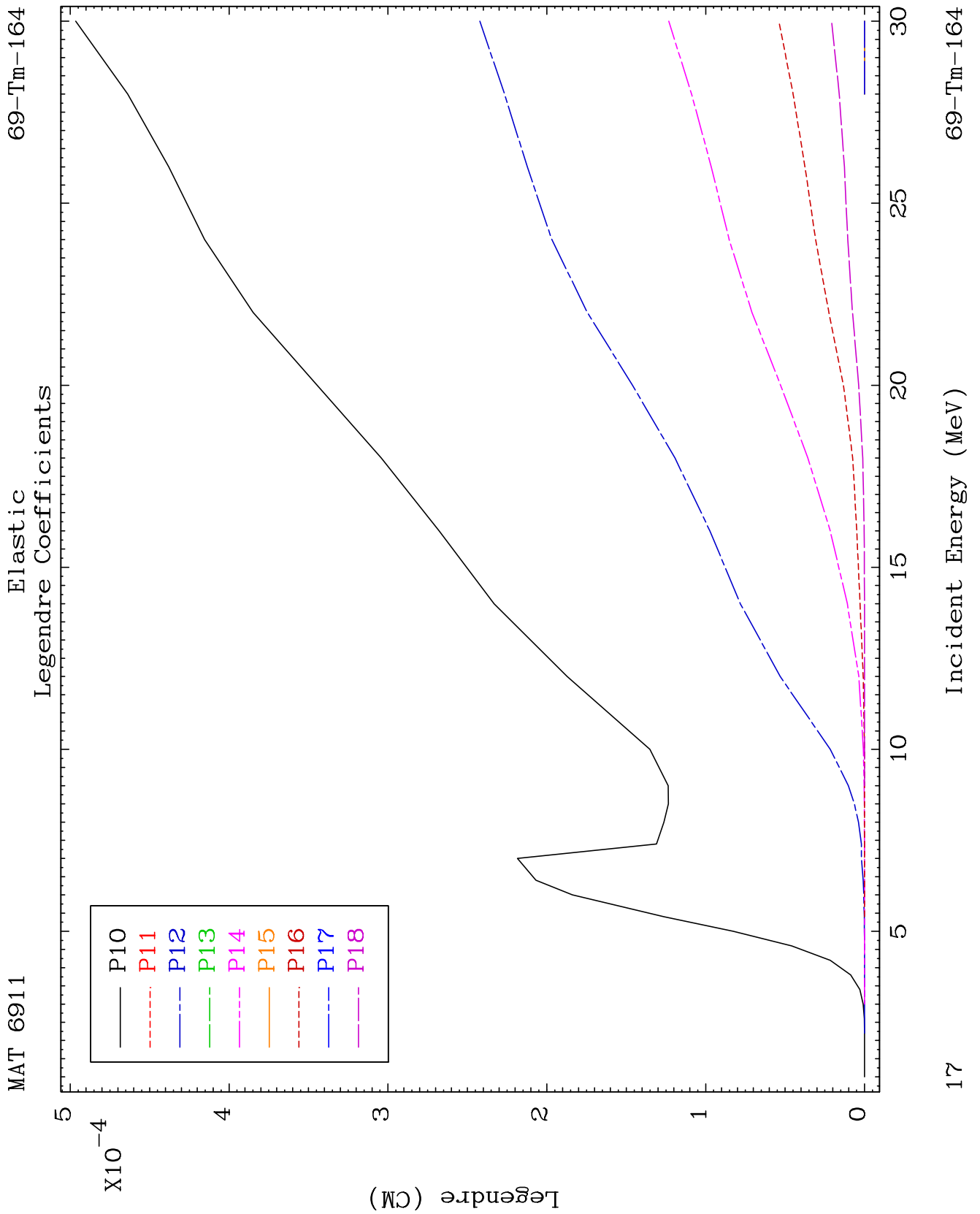
(n, α) Levels
293 Kelvin Cross Sections

69-Tm-164





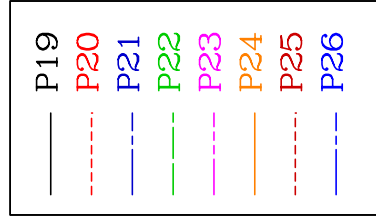




MAT 6911

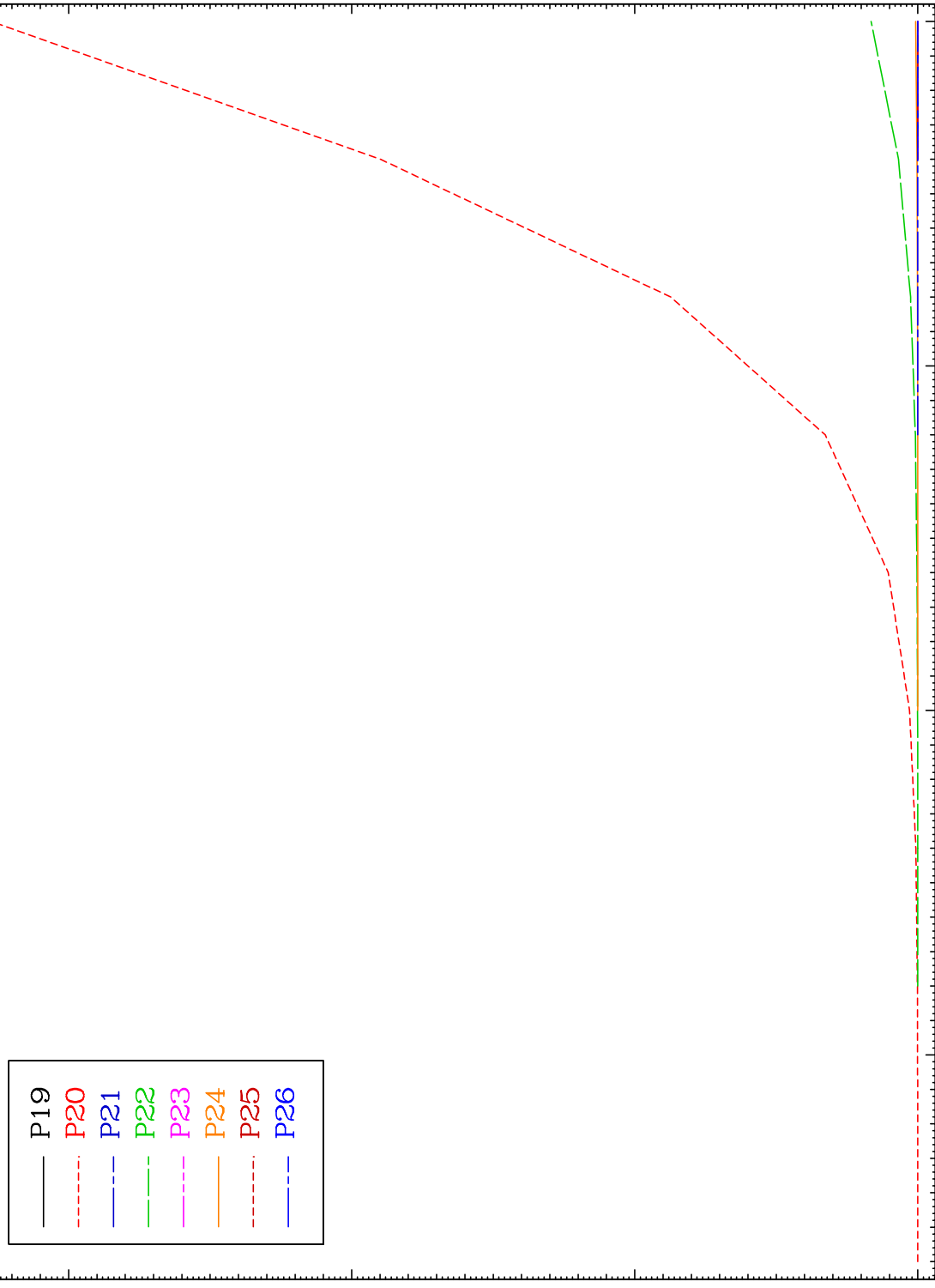
Elastic
Legendre Coefficients

69-Tm-164



$\times 10^{-6}$

Legendre (CM)



18

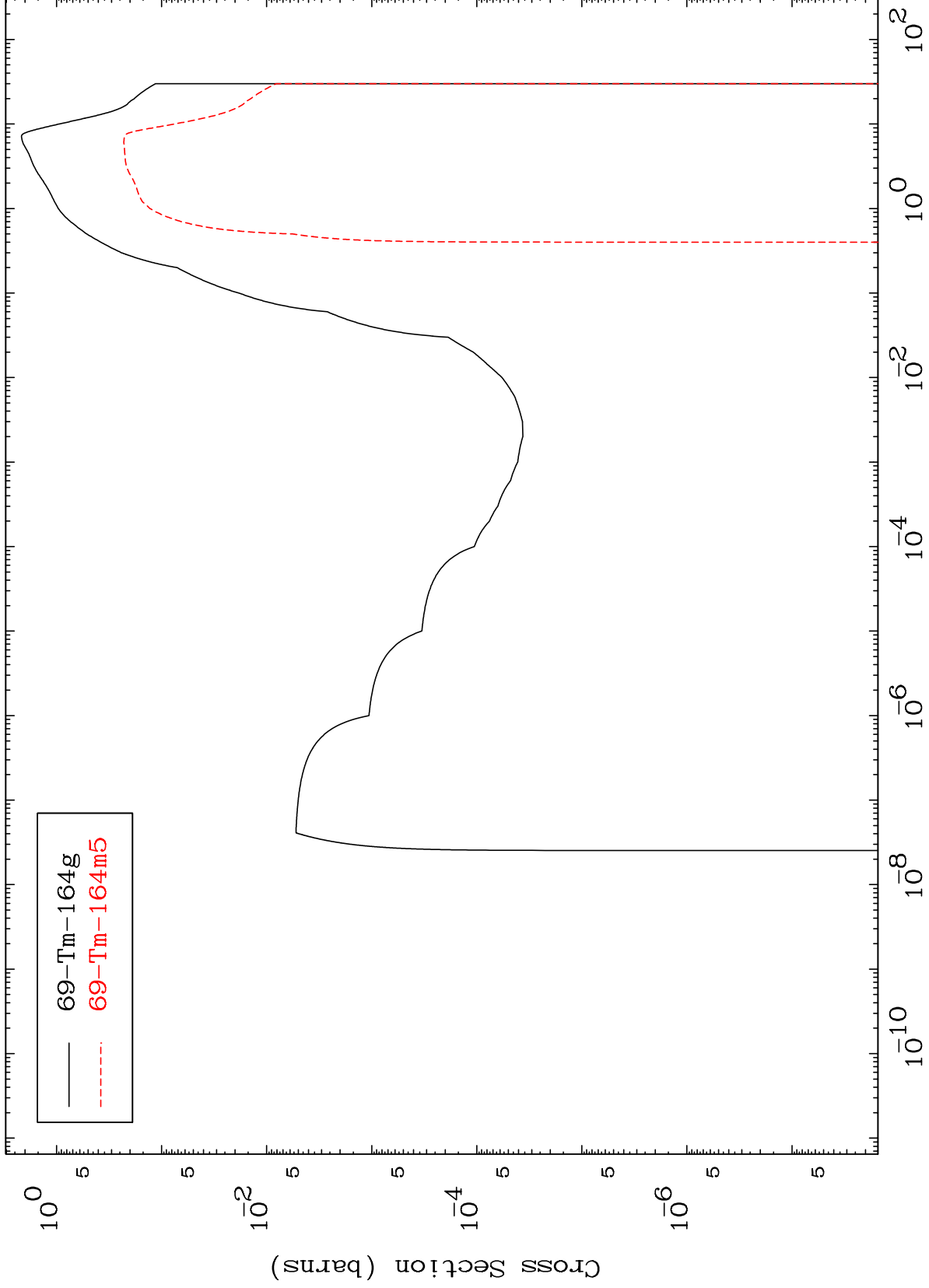
Incident Energy (MeV)

69-Tm-164

MAT 6911

Inelastic
Radionuclide Production Cross Section

69-Tm-164



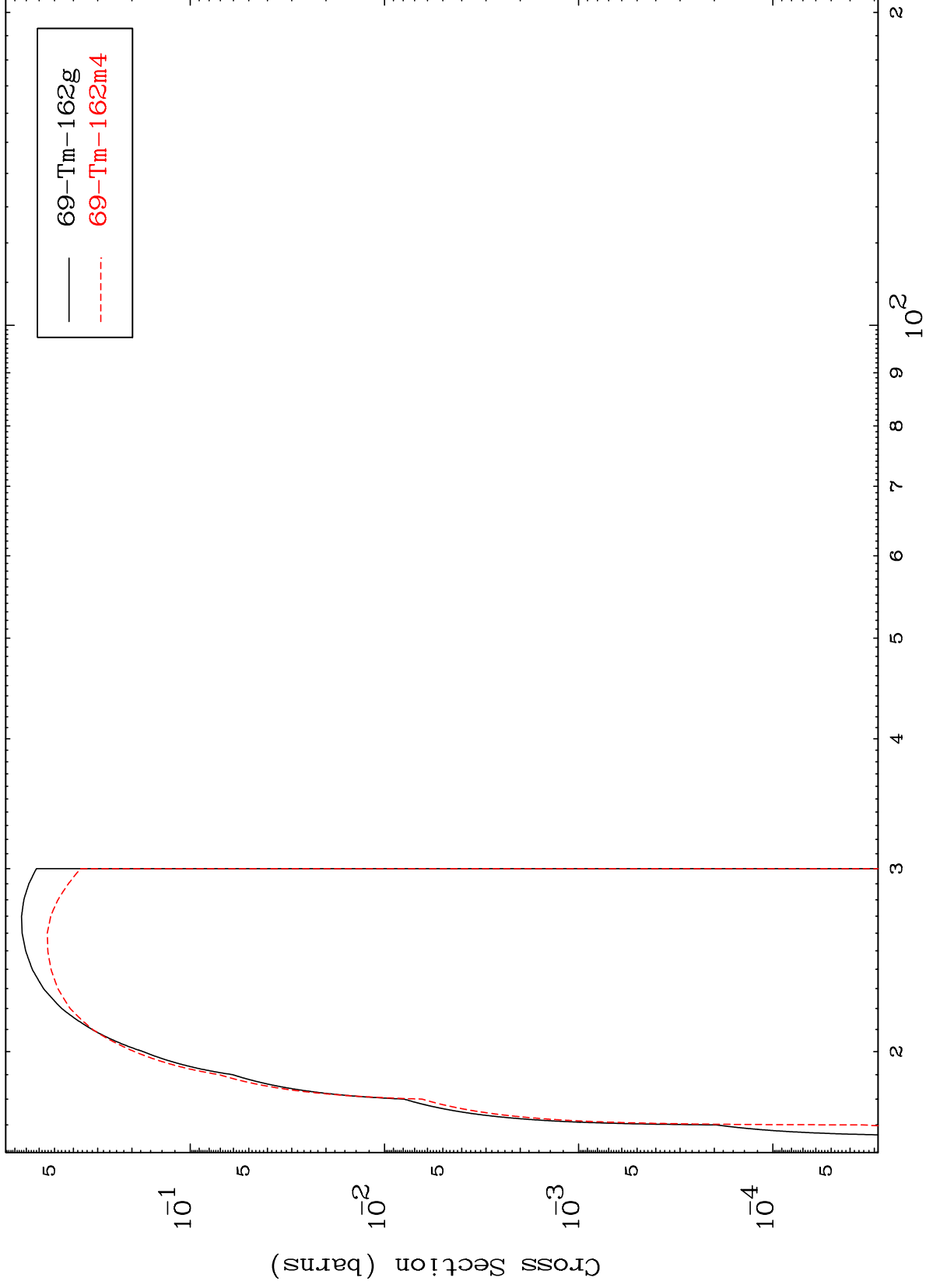
69-Tm-164g
69-Tm-164m5

MAT 6911

(n,3n)

69-Tm-164

Radionuclide Production Cross Section



20

Incident Energy (MeV)

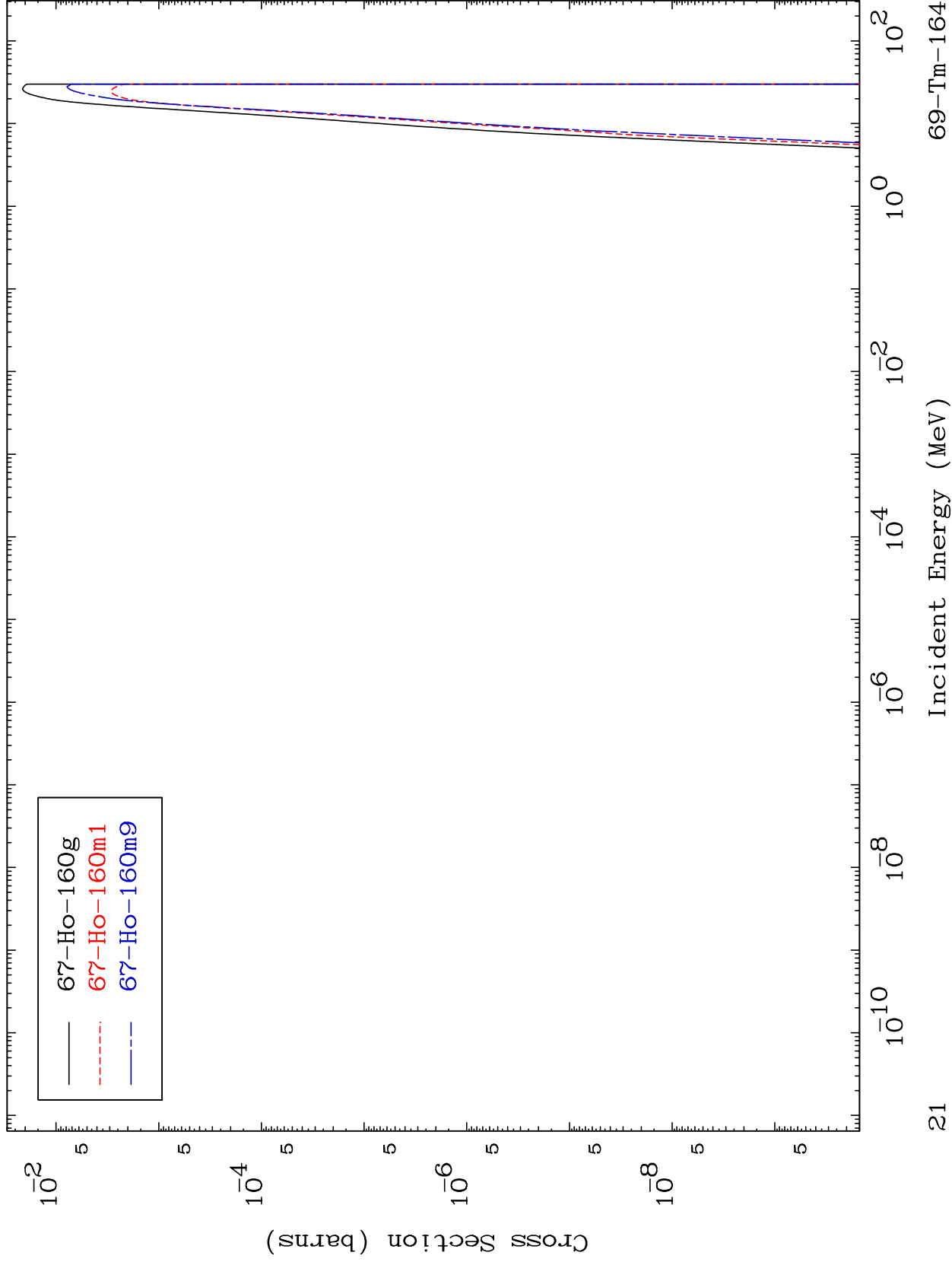
69-Tm-164

MAT 6911

$(n, n') \alpha$

69-Tm-164

Radionuclide Production Cross Section

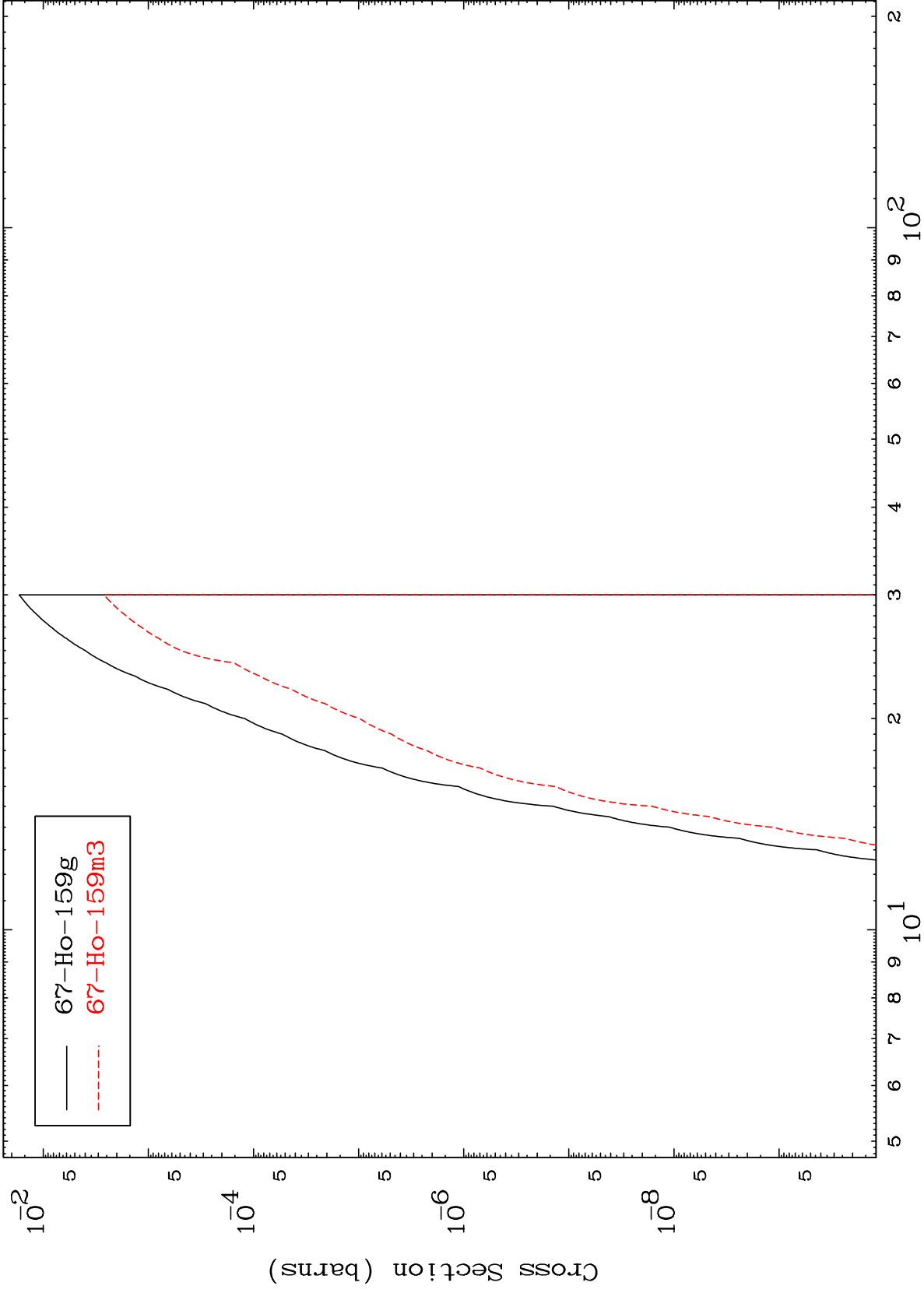


MAT 6911

$(n, 2n) \alpha$

69-Tm-164

Radionuclide Production Cross Section

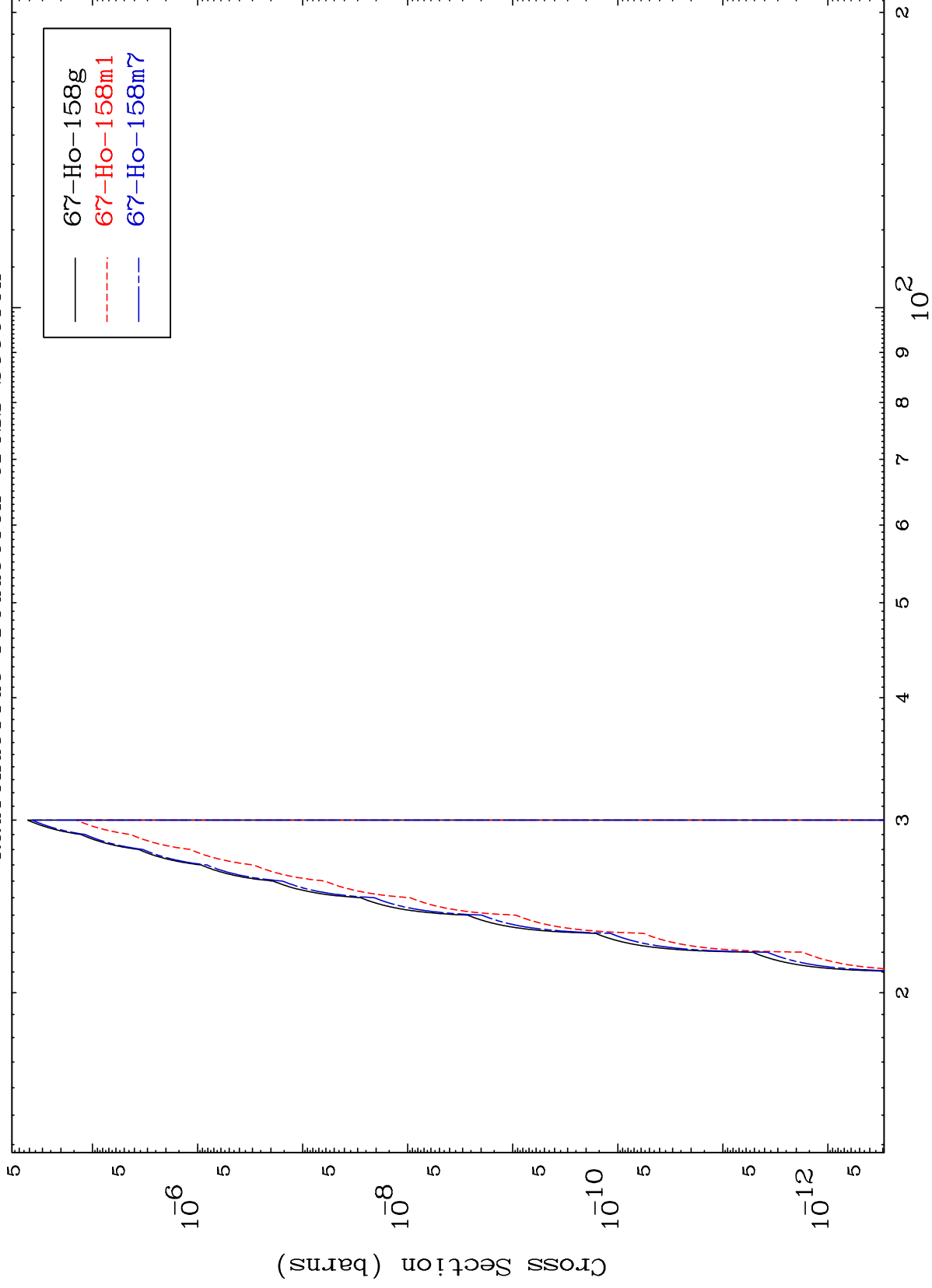


22

Incident Energy (MeV)

69-Tm-164

Radionuclide Production Cross Section

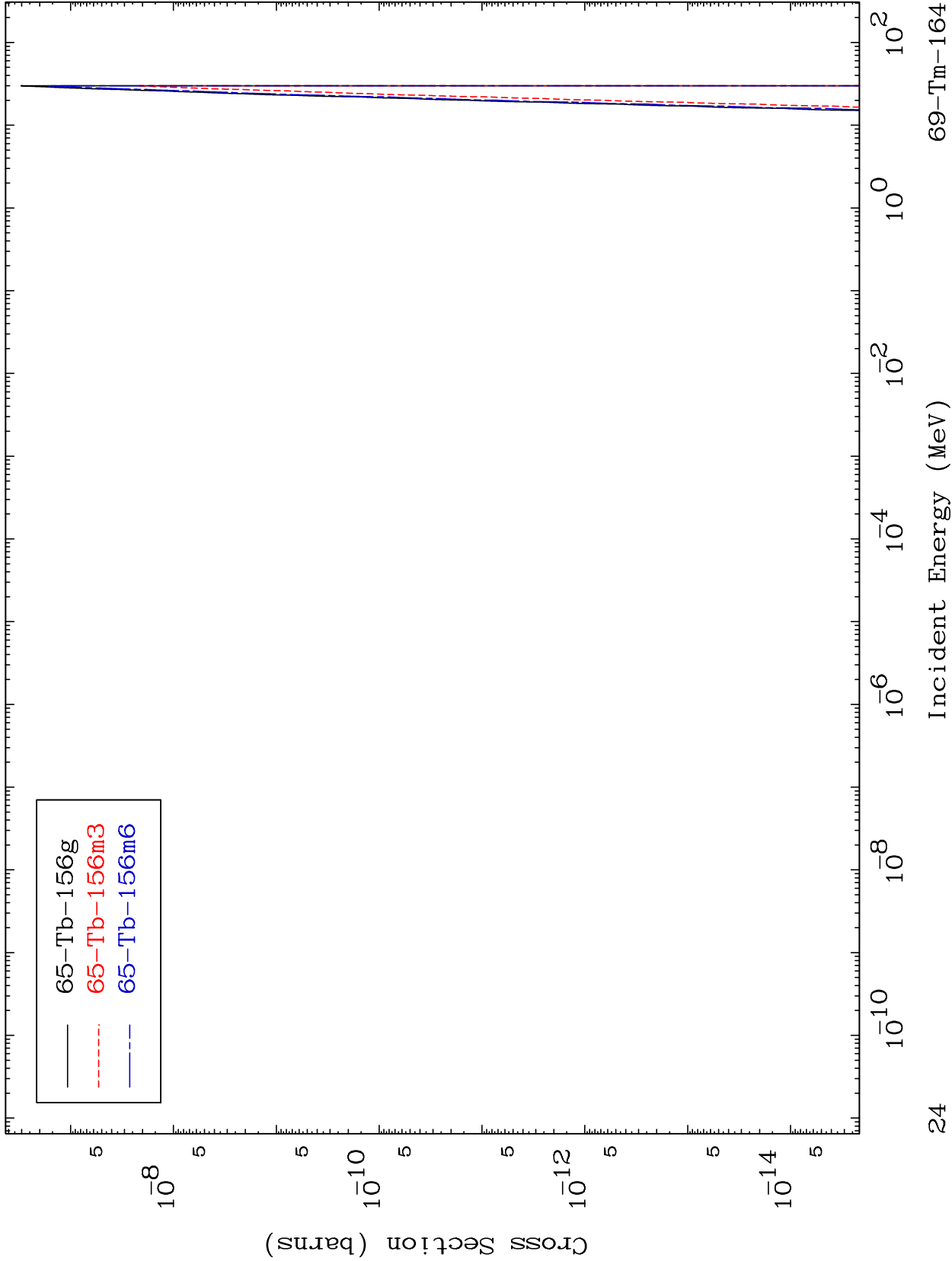


MAT 6911

(n,n') 2α

69-Tm-164

Radionuclide Production Cross Section

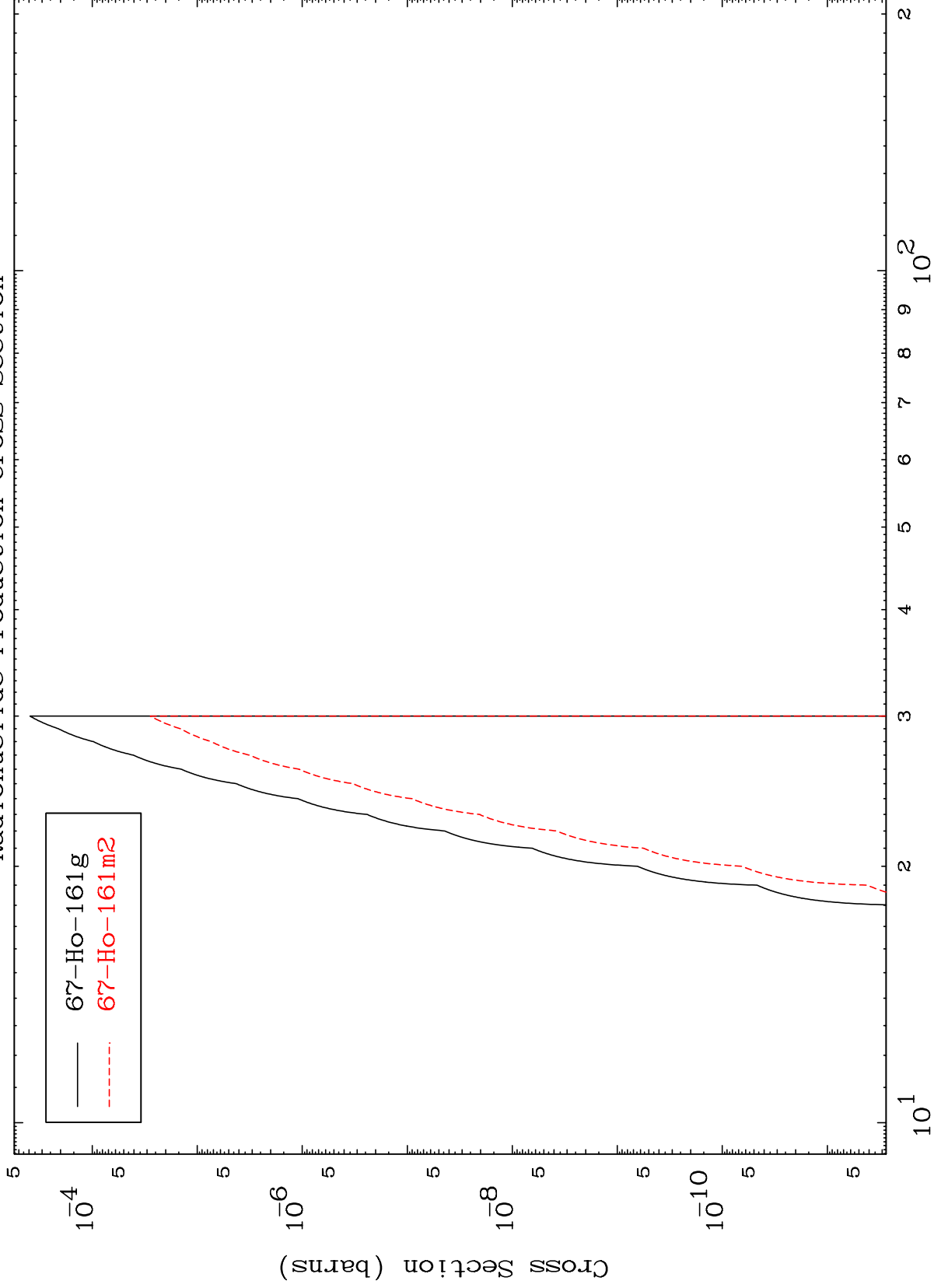


MAT 6911

(n,n') He-3

69-Tm-164

Radionuclide Production Cross Section

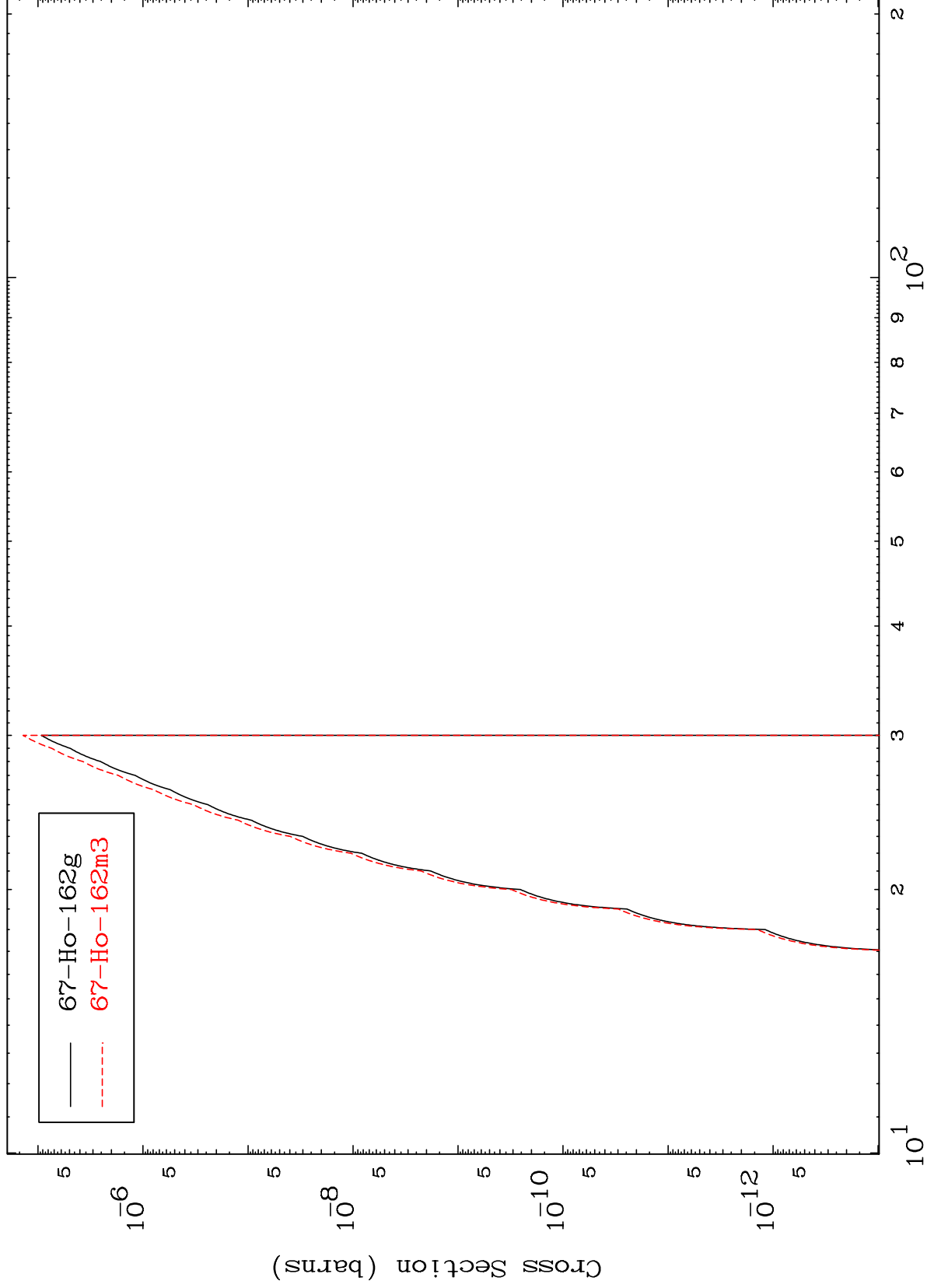


MAT 6911

(n,2n) p

69-Tm-164

Radionuclide Production Cross Section



67-Ho-162g
67-Ho-162m3

Incident Energy (MeV)

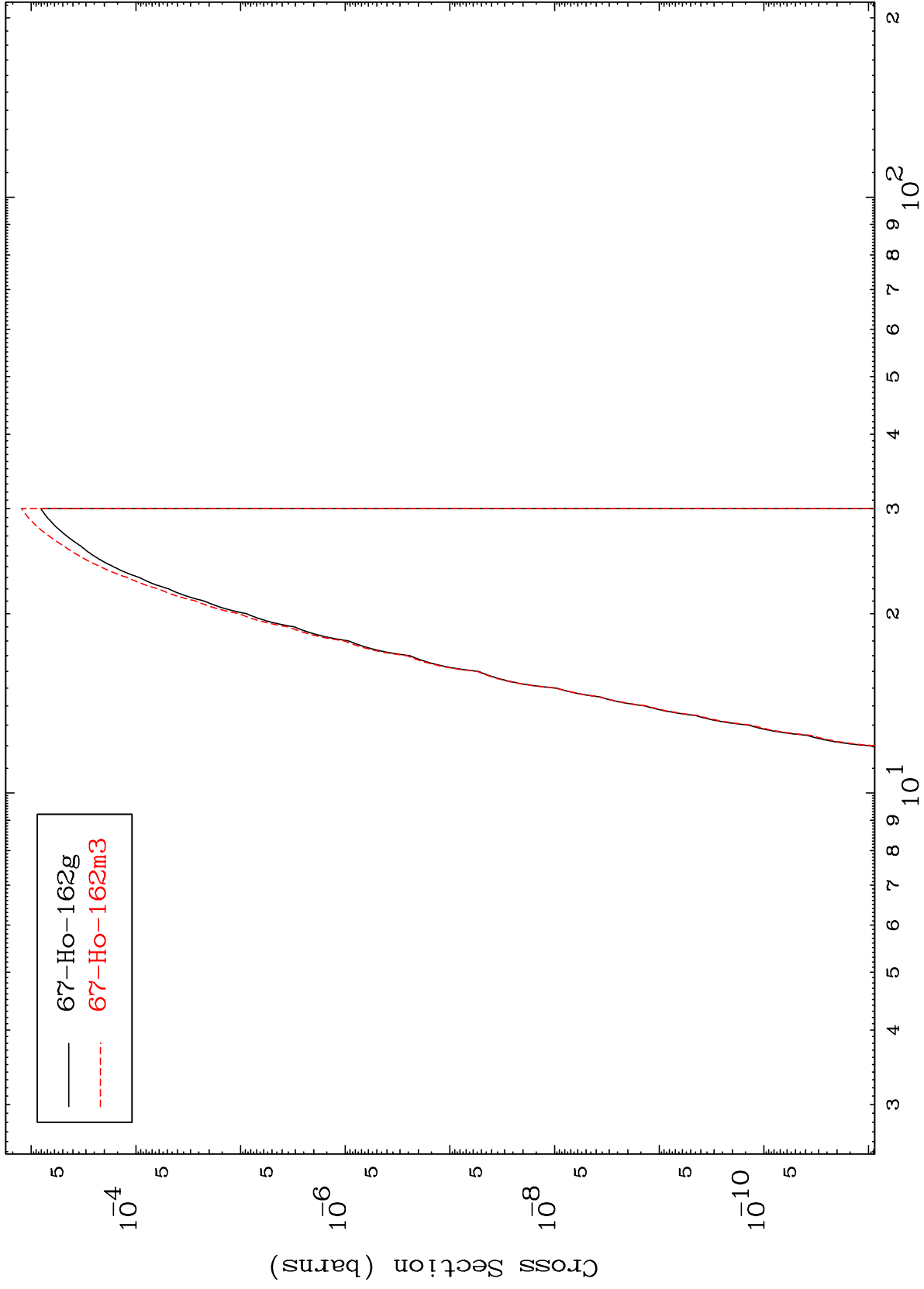
69-Tm-164

26

MAT 6911

69-Tm-164

Radionuclide Production Cross Section
(n,He-3)



27

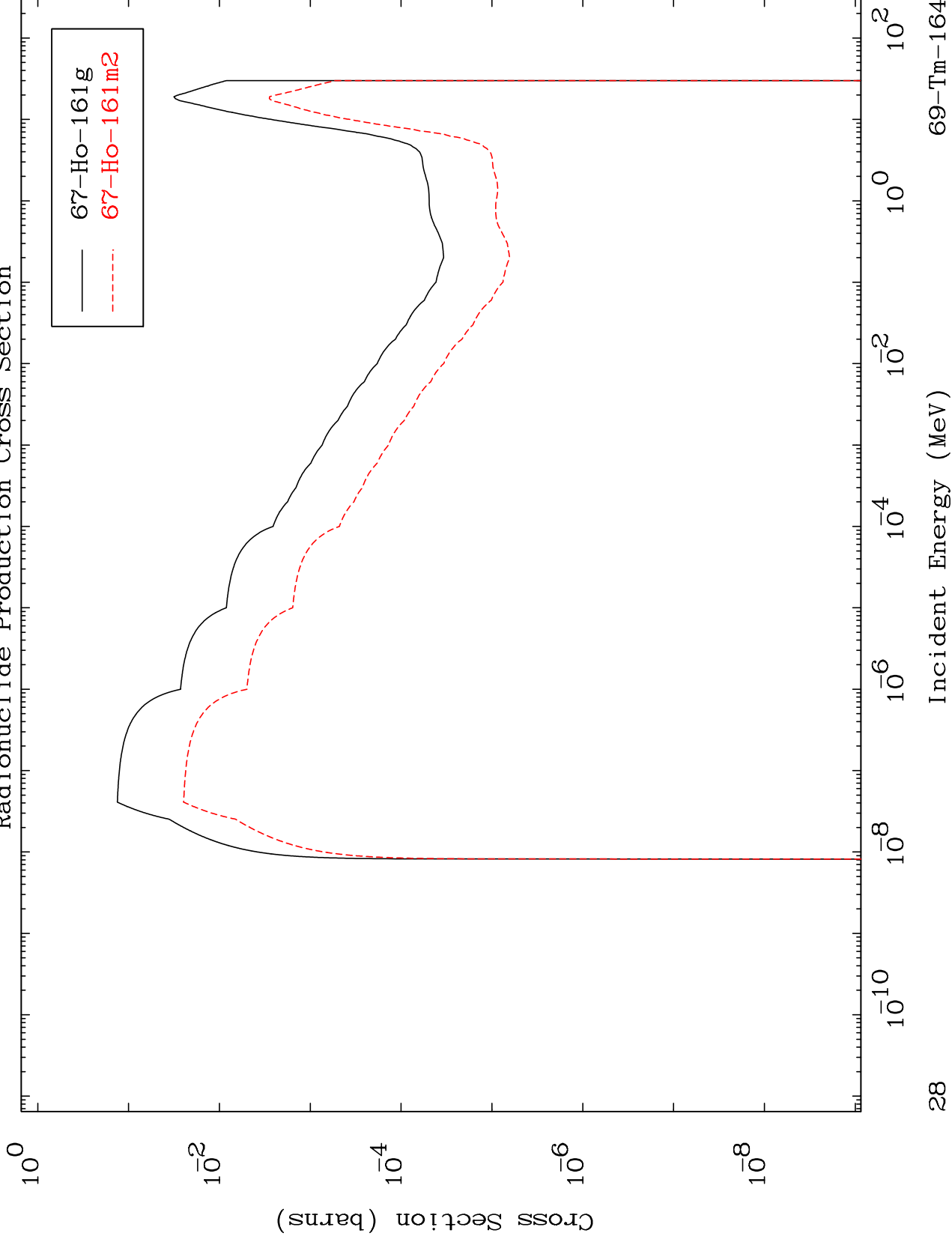
Incident Energy (MeV)

69-Tm-164

MAT 6911

69-Tm-164

(n, α)
Radionuclide Production Cross Section



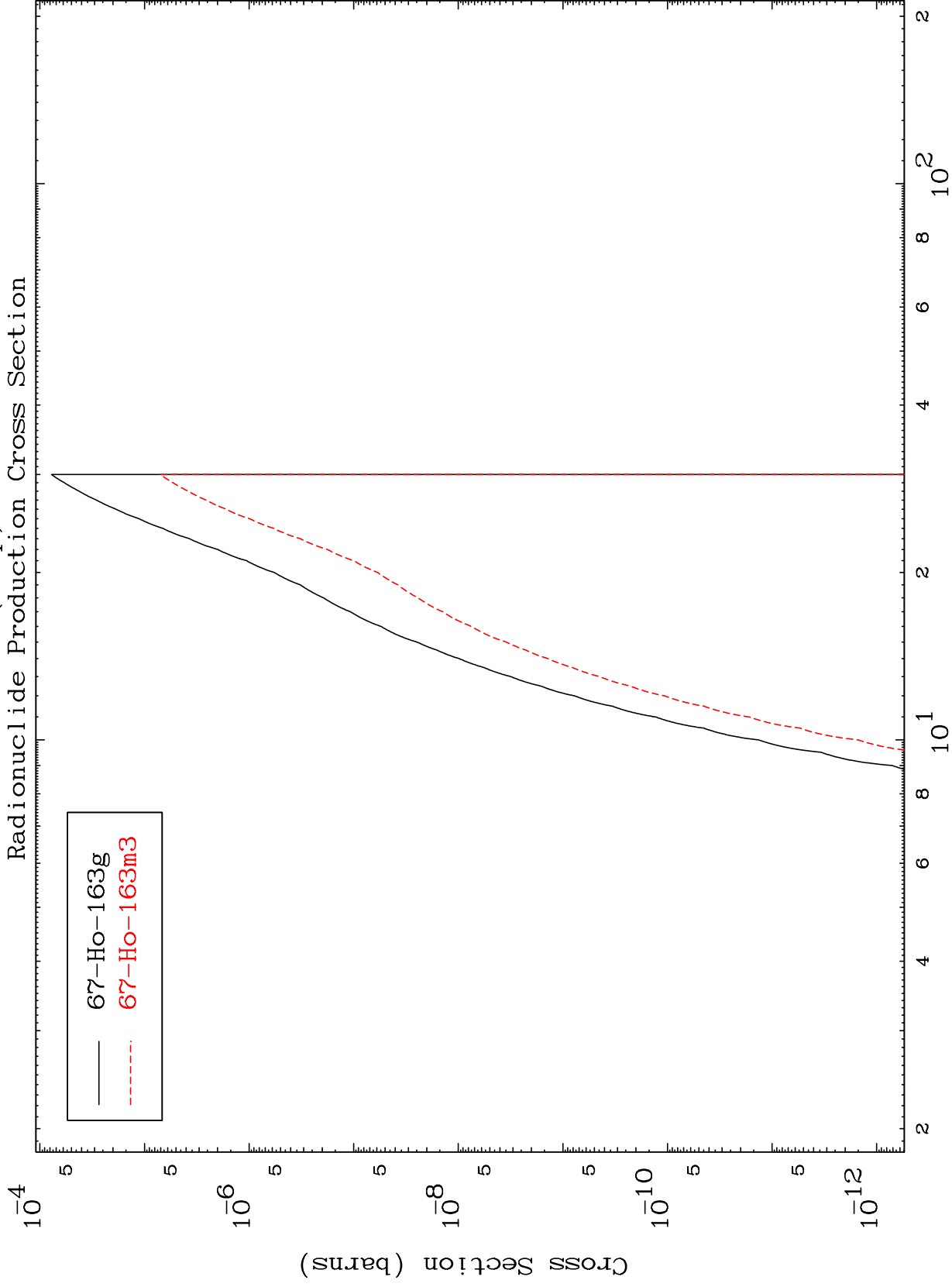
28

69-Tm-164

MAT 6911

69-Tm-164

(n,2p)
Radionuclide Production Cross Section



29

69-Tm-164

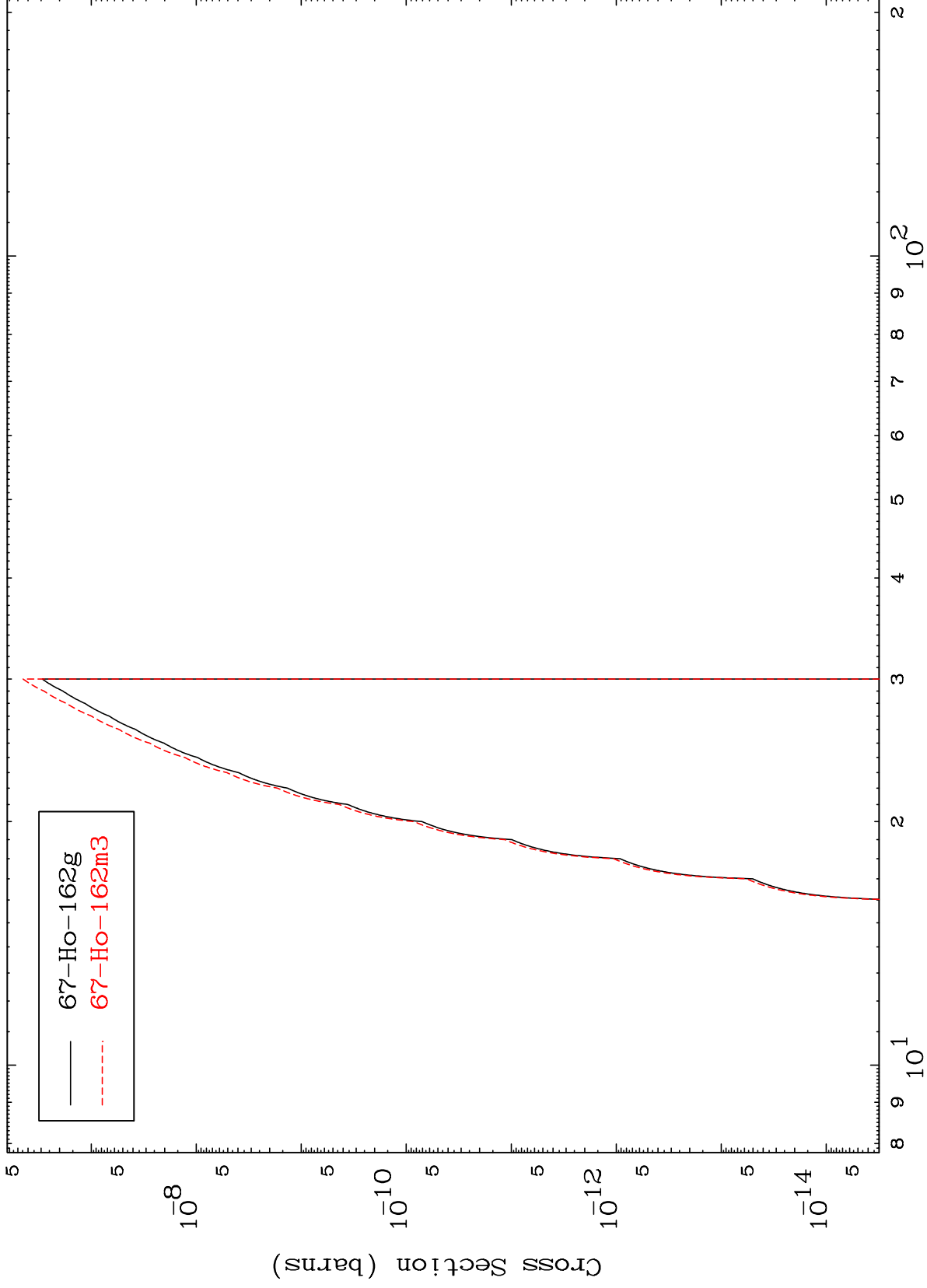
Incident Energy (MeV)

MAT 6911

(n,p) d

69-Tm-164

Radionuclide Production Cross Section



30

Incident Energy (MeV)

69-Tm-164

