

Program EVALPLOT
(Version 2015-2)

by

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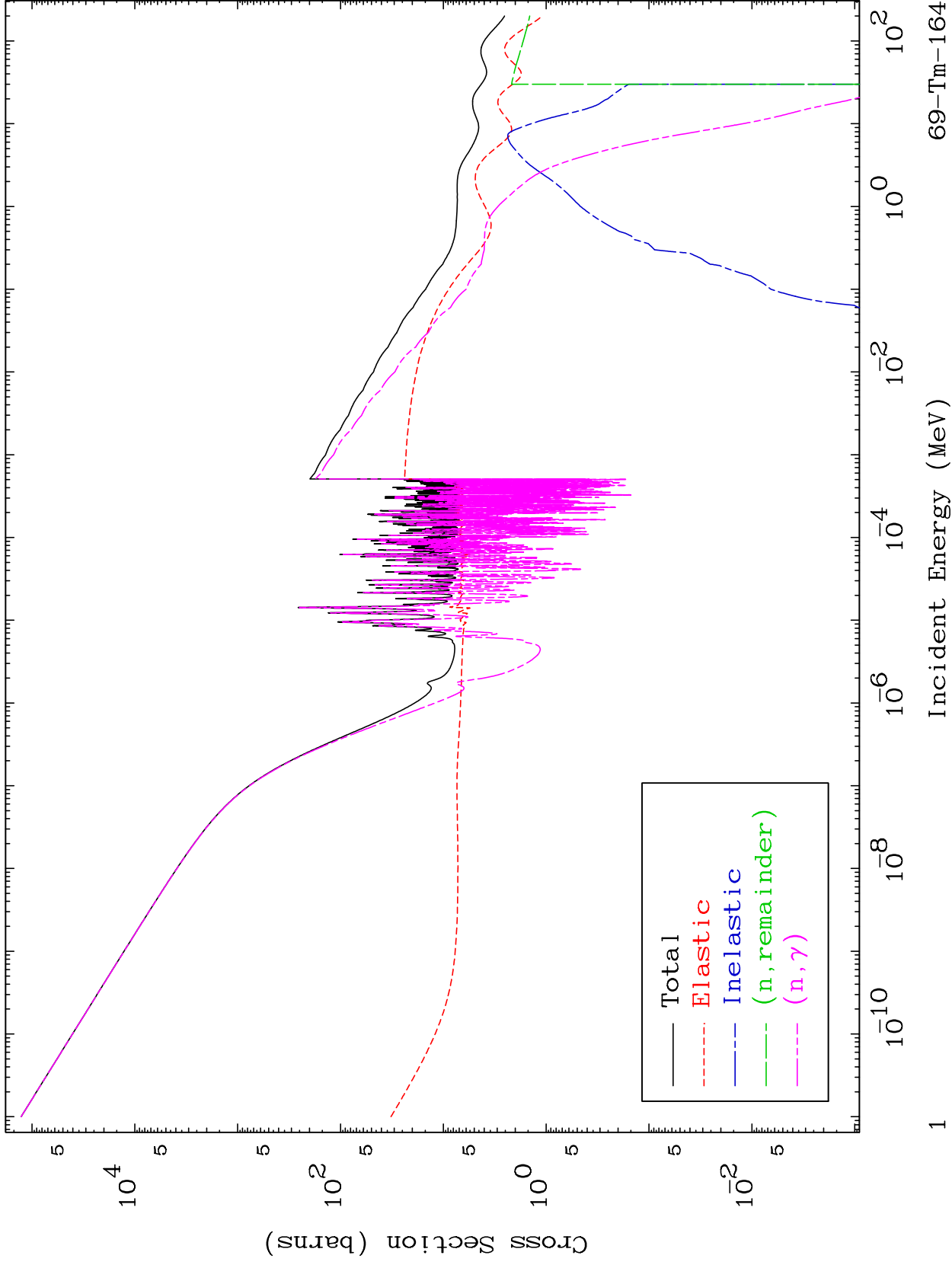
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6911

Major
293 Kelvin Cross Sections

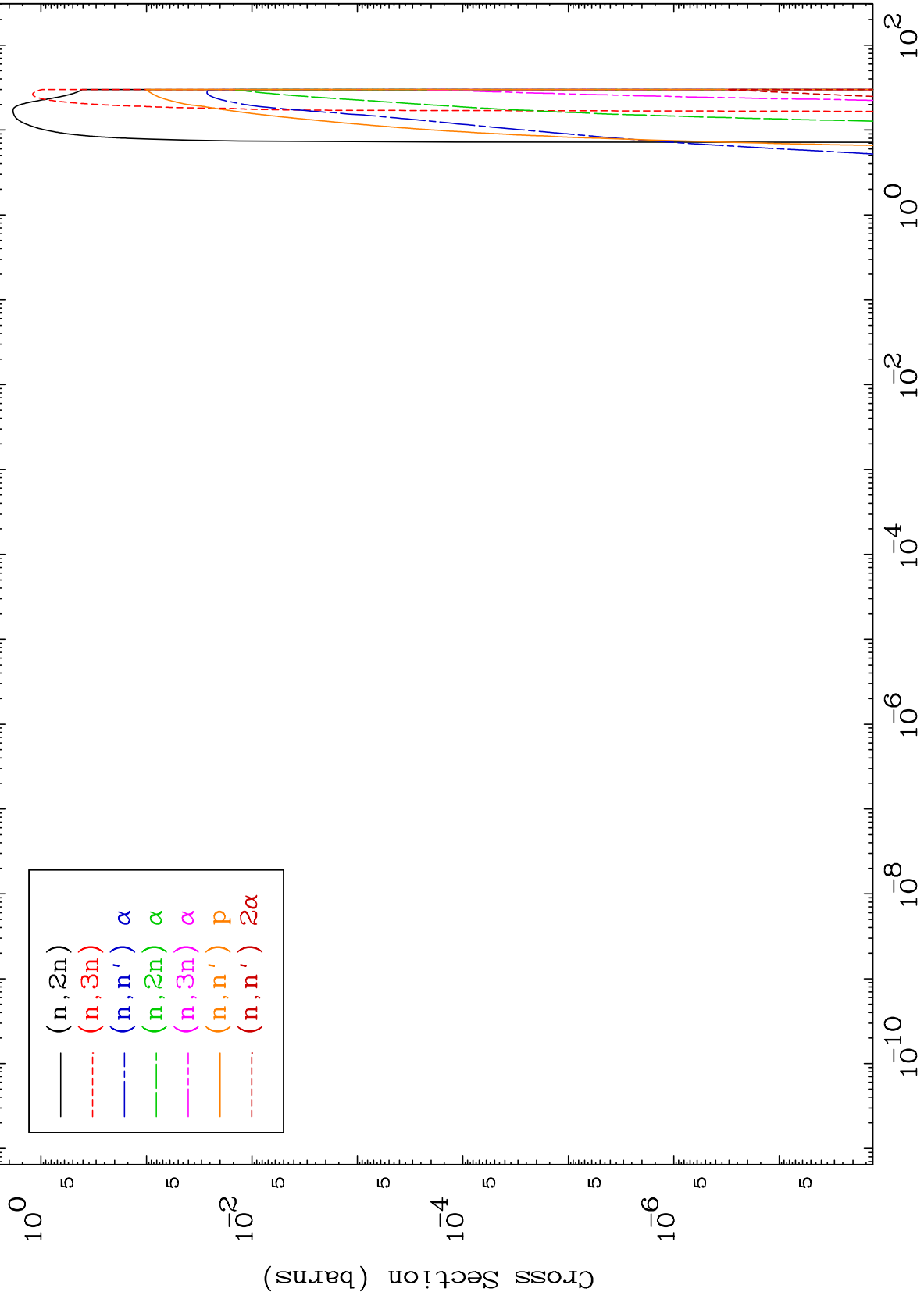
69-Tm-164



MAT 6911

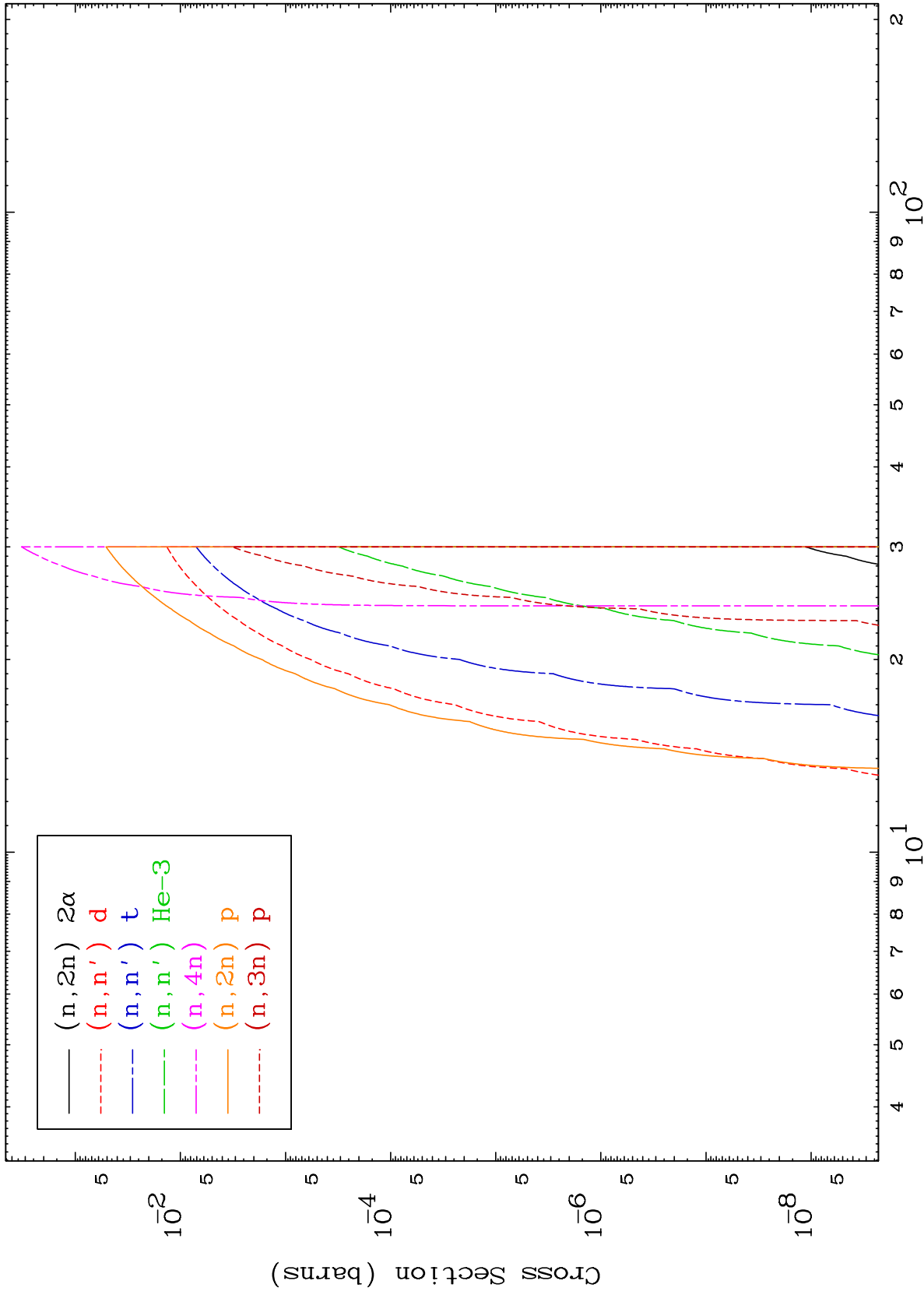
Neutron Production
293 Kelvin Cross Sections

69-Tm-164



69-Tm-164

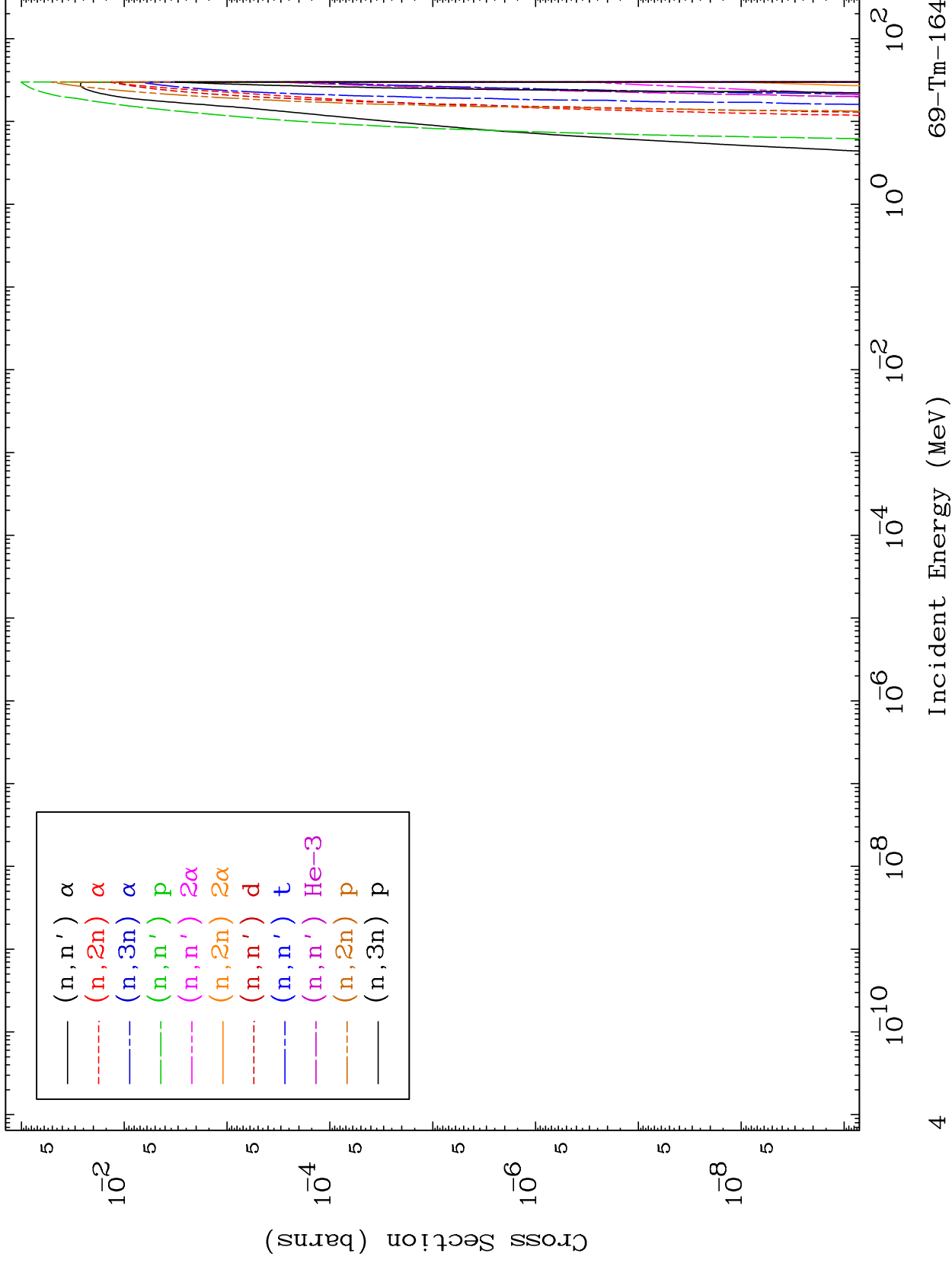
Incident Energy (MeV)



MAT 6911

Charged Particle
293 Kelvin Cross Sections

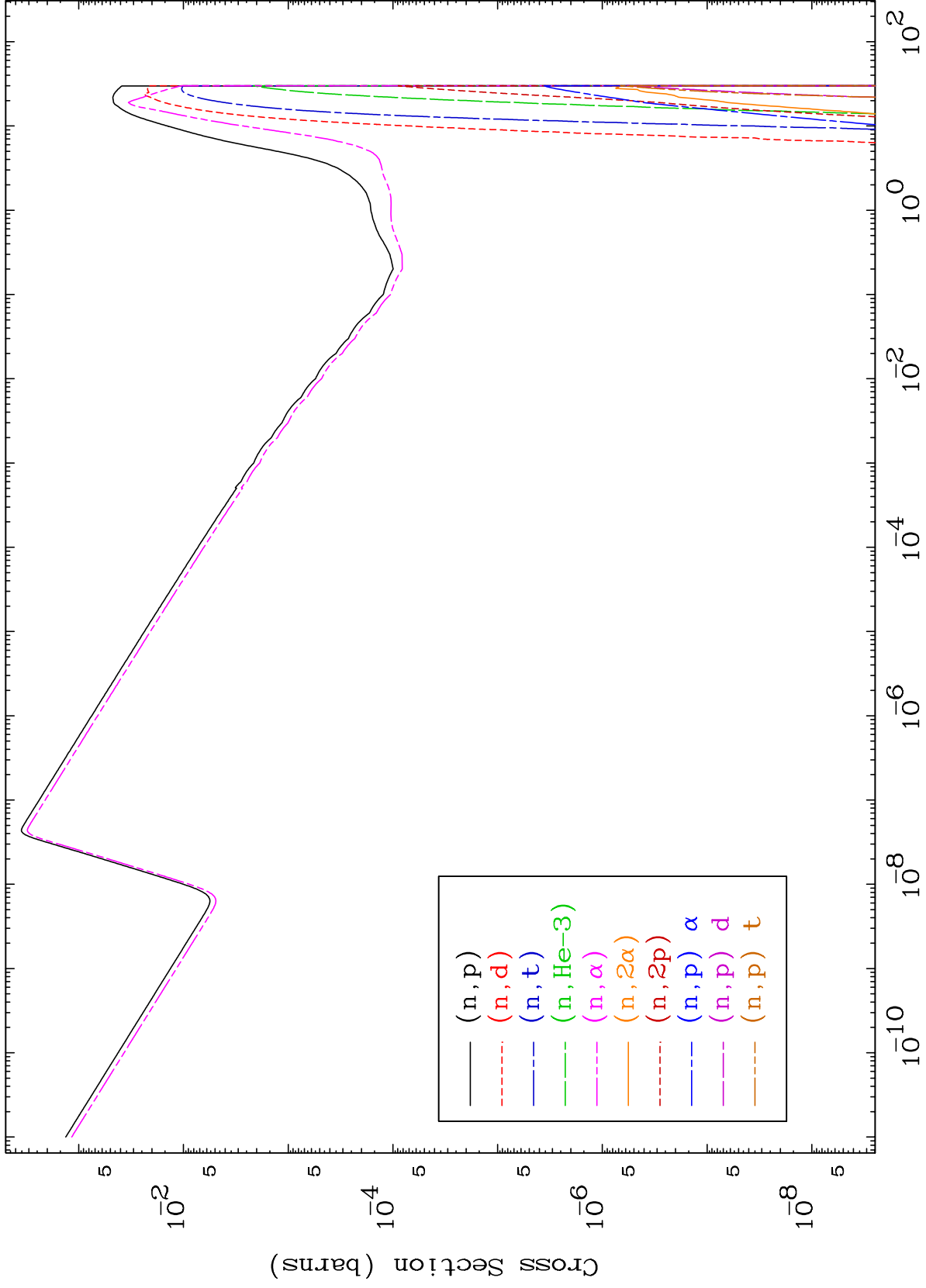
69-Tm-164



MAT 6911

Charged Particle
293 Kelvin Cross Sections

69-Tm-164



5

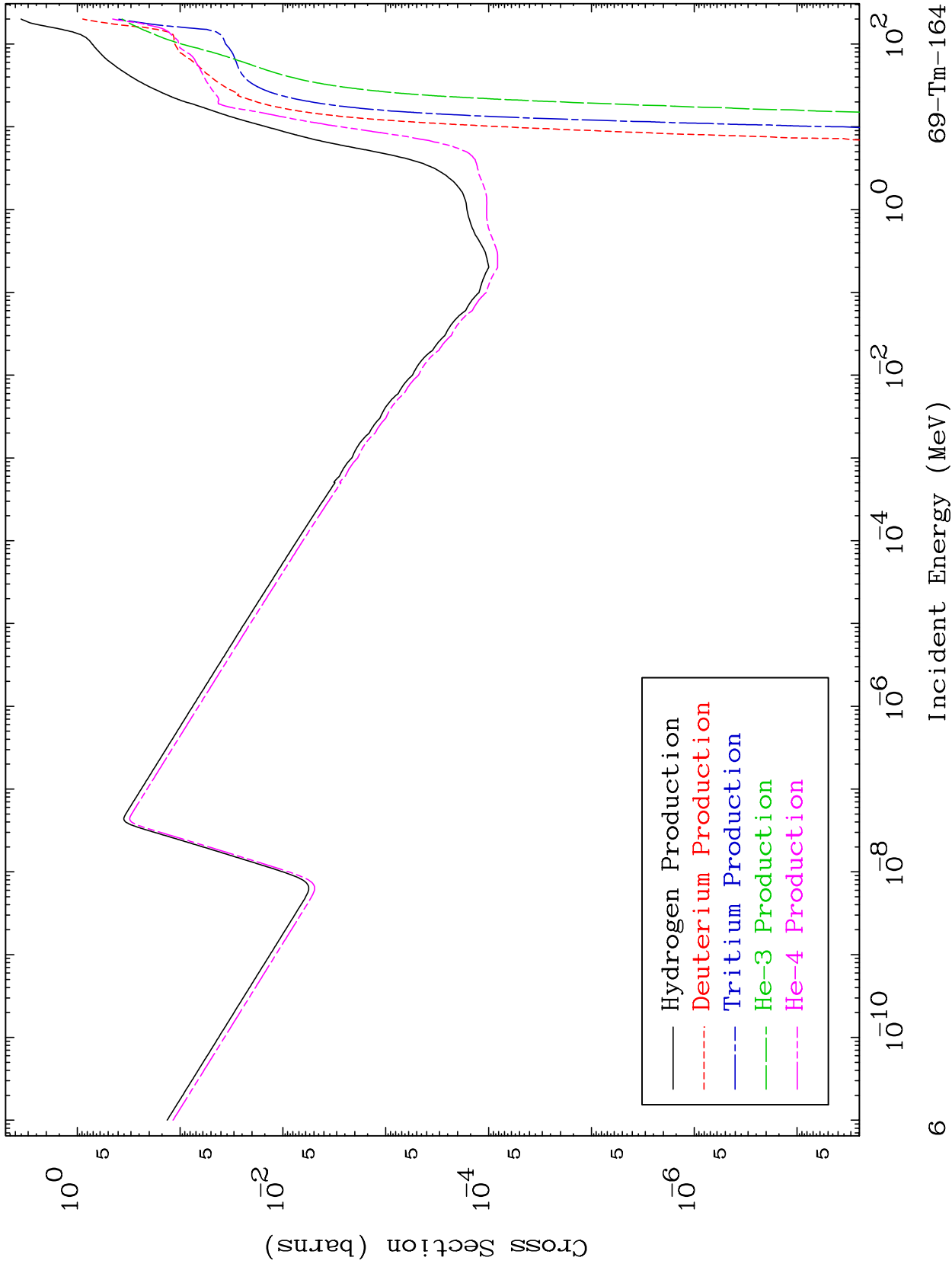
Incident Energy (MeV)

69-Tm-164

MAT 6911

Particle Production
293 Kelvin Cross Sections

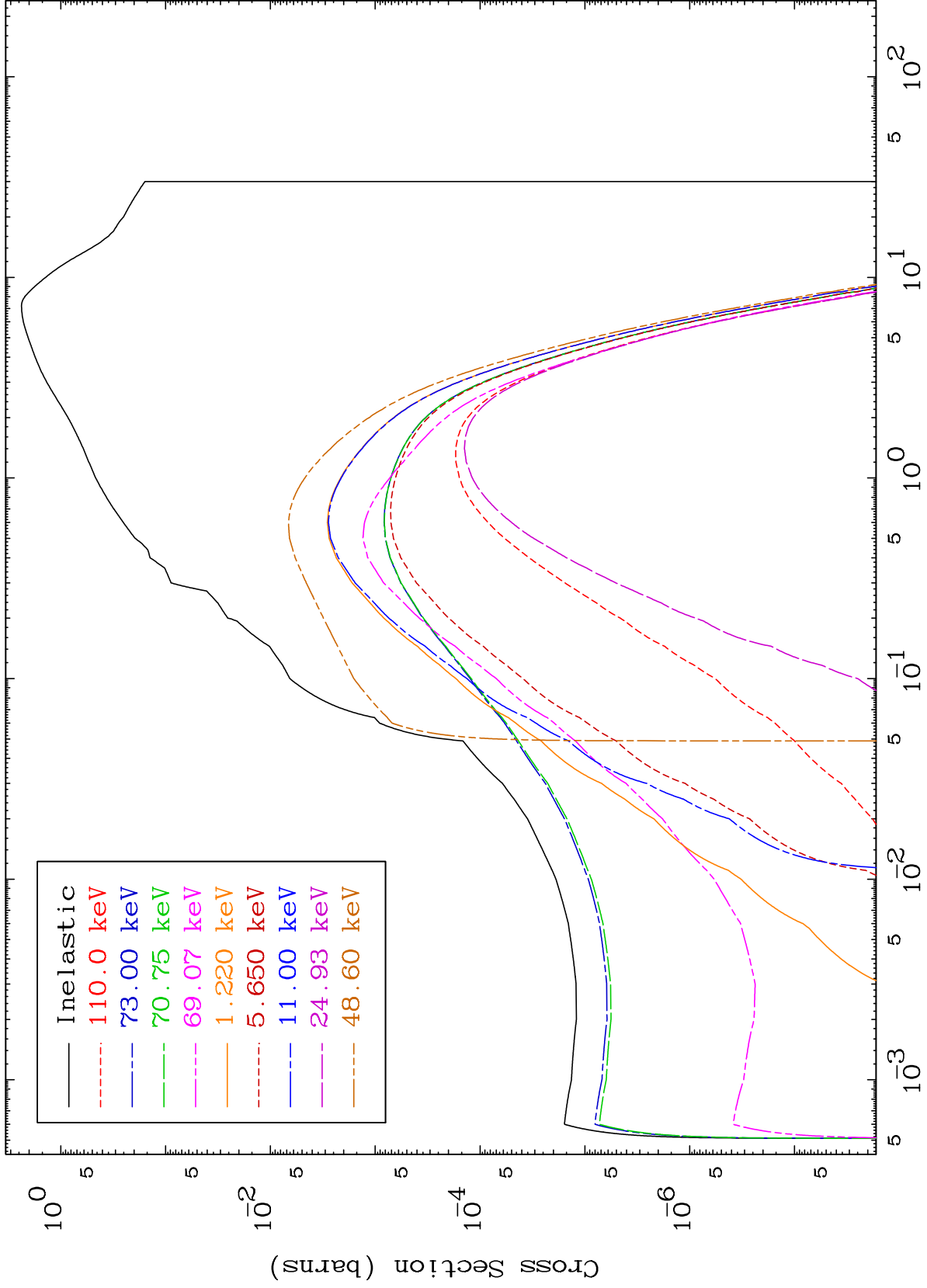
69-Tm-164



MAT 6911

(n,n') Level
293 Kelvin Cross Sections

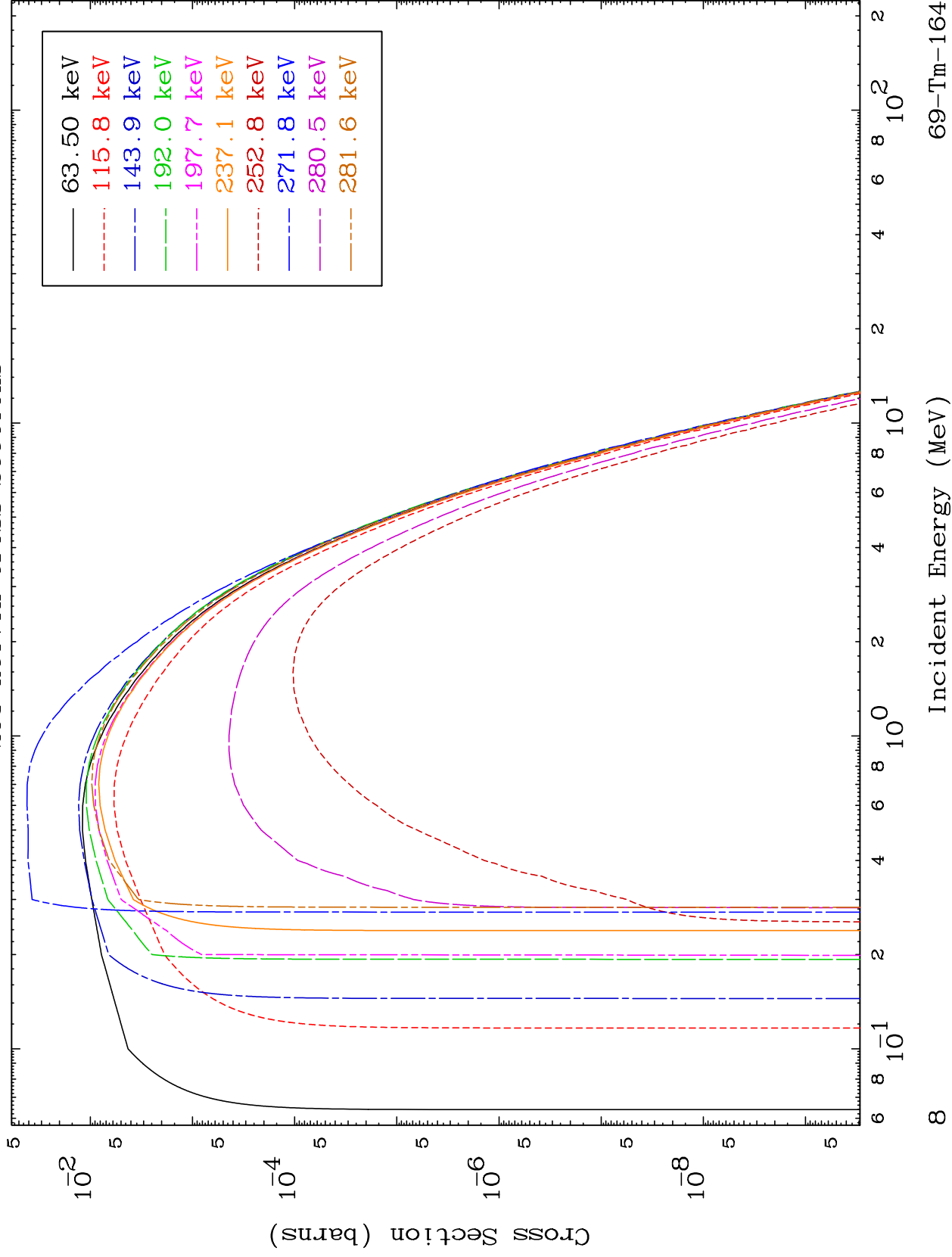
69-Tm-164



MAT 6911

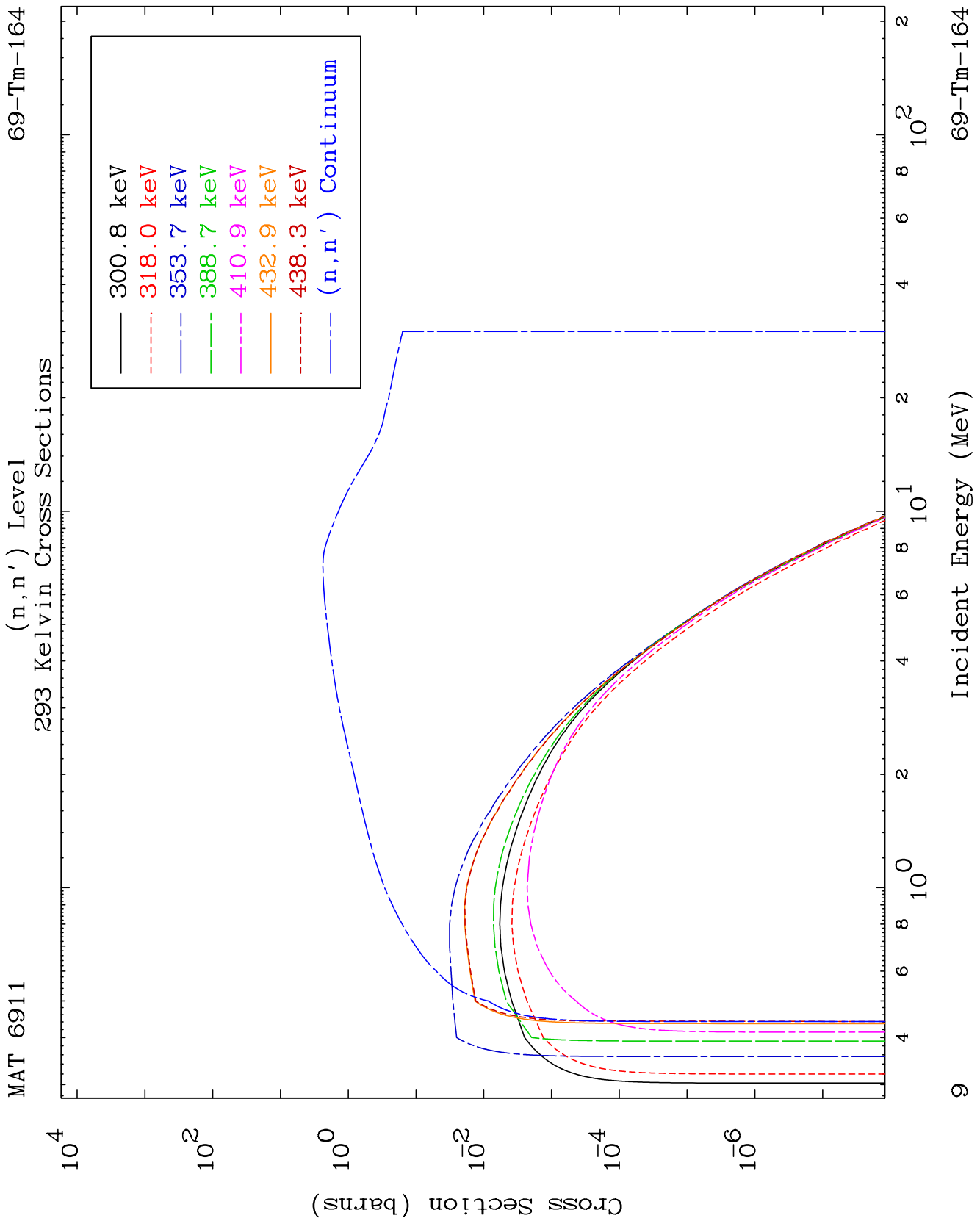
(n,n') Level
293 Kelvin Cross Sections

69-Tm-164



8

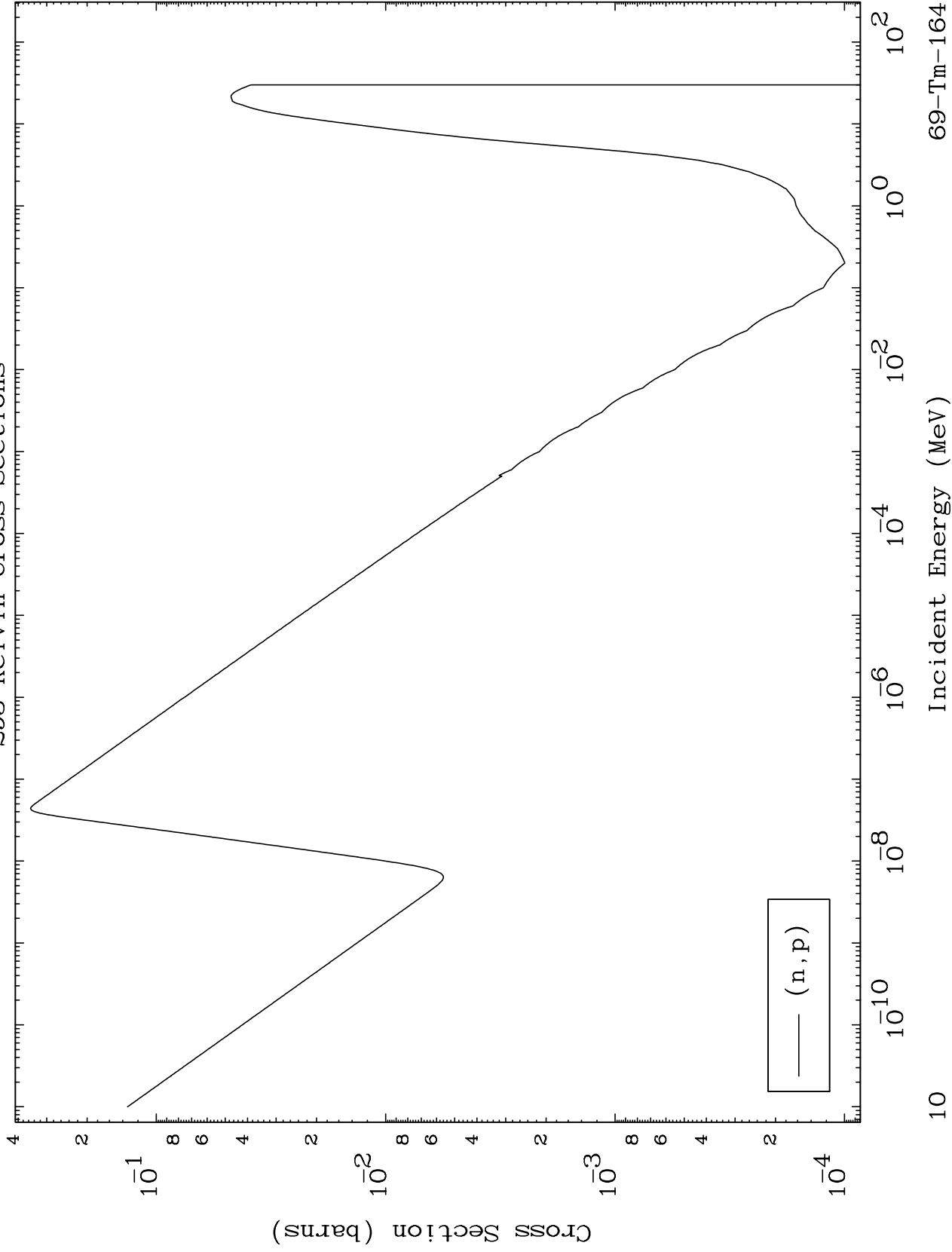
69-Tm-164



MAT 6911

(n,p) Levels
293 Kelvin Cross Sections

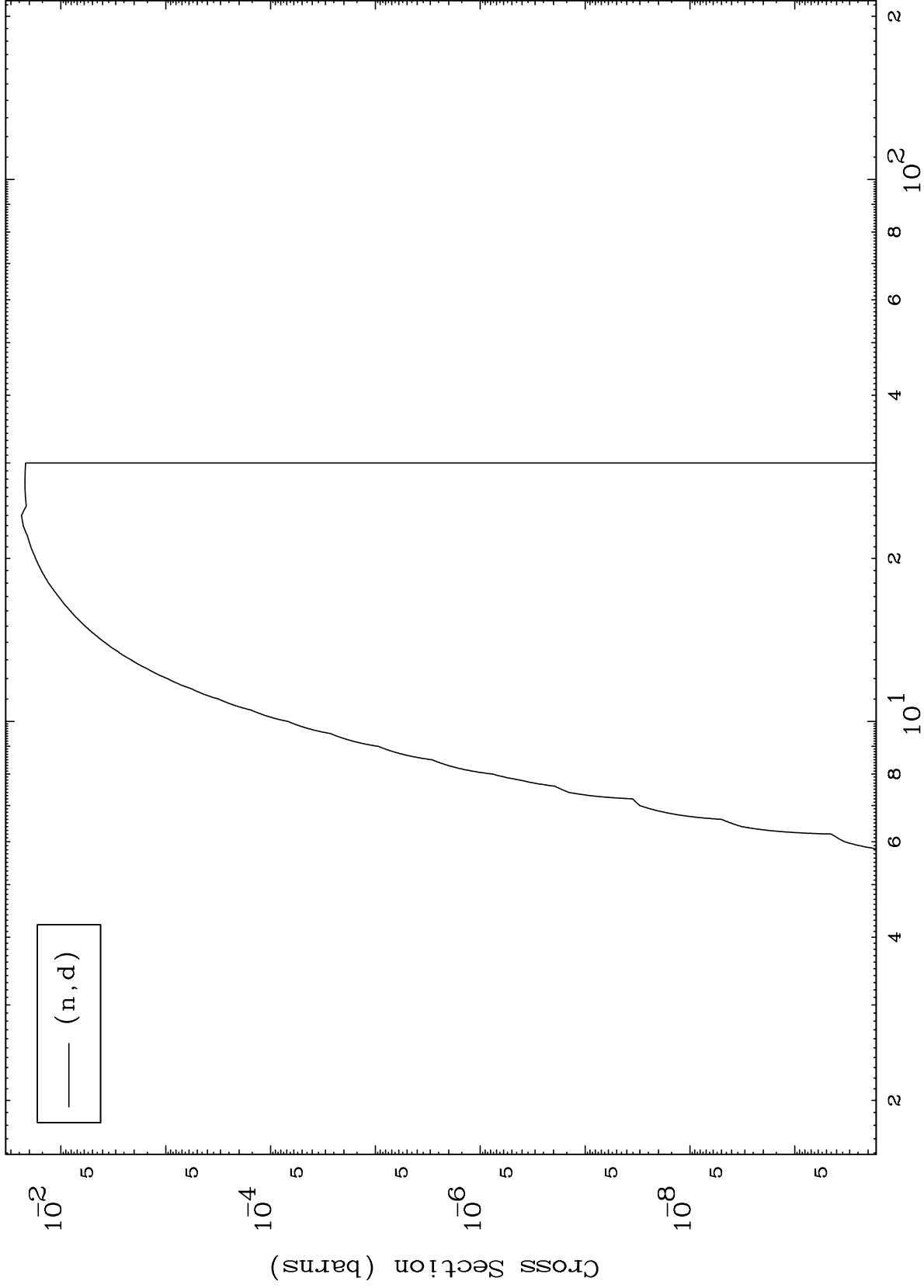
69-Tm-164



MAT 6911

(n,d) Levels
293 Kelvin Cross Sections

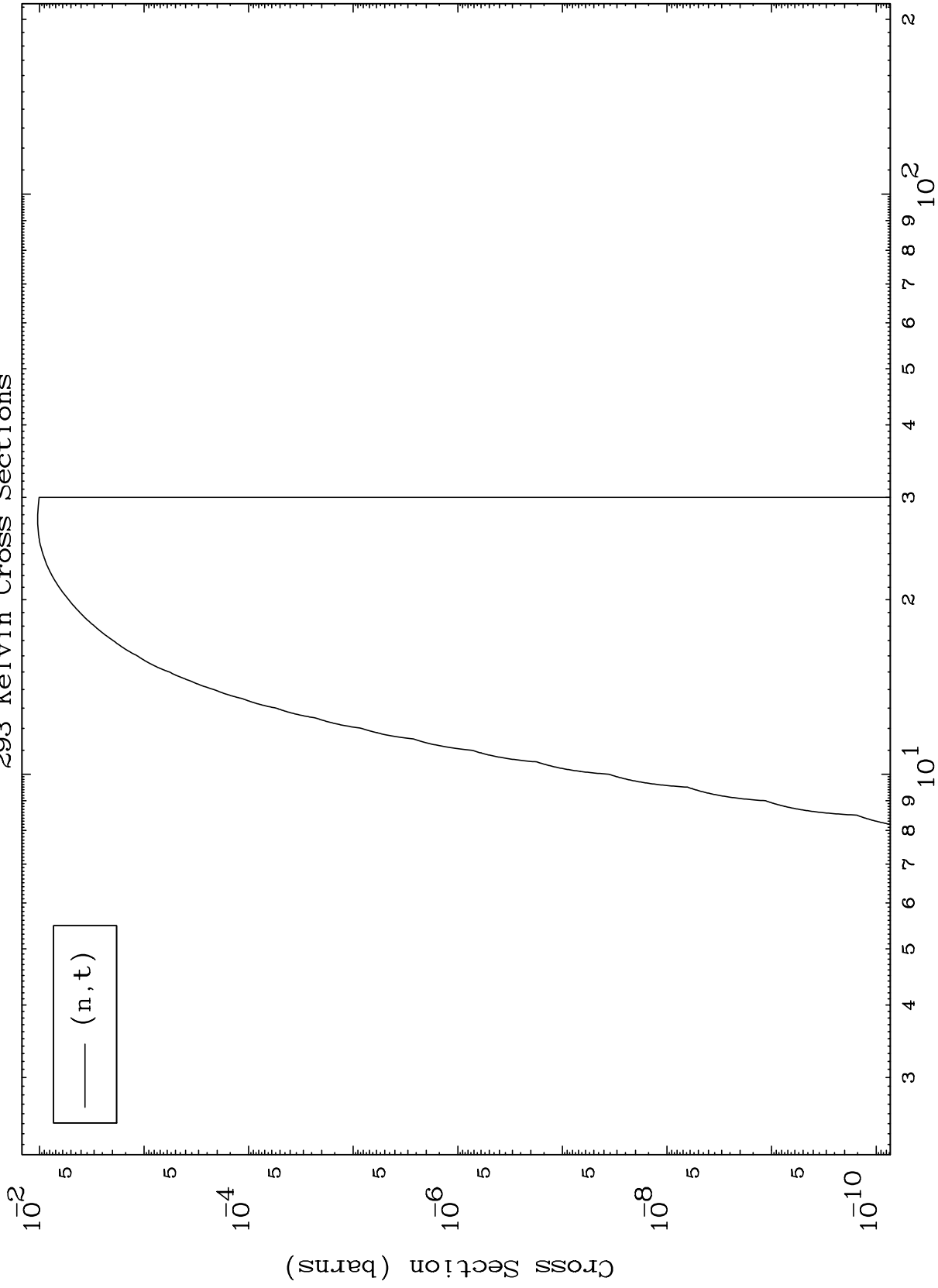
69-Tm-164



MAT 6911

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-164



(n,t)

Incident Energy (MeV)

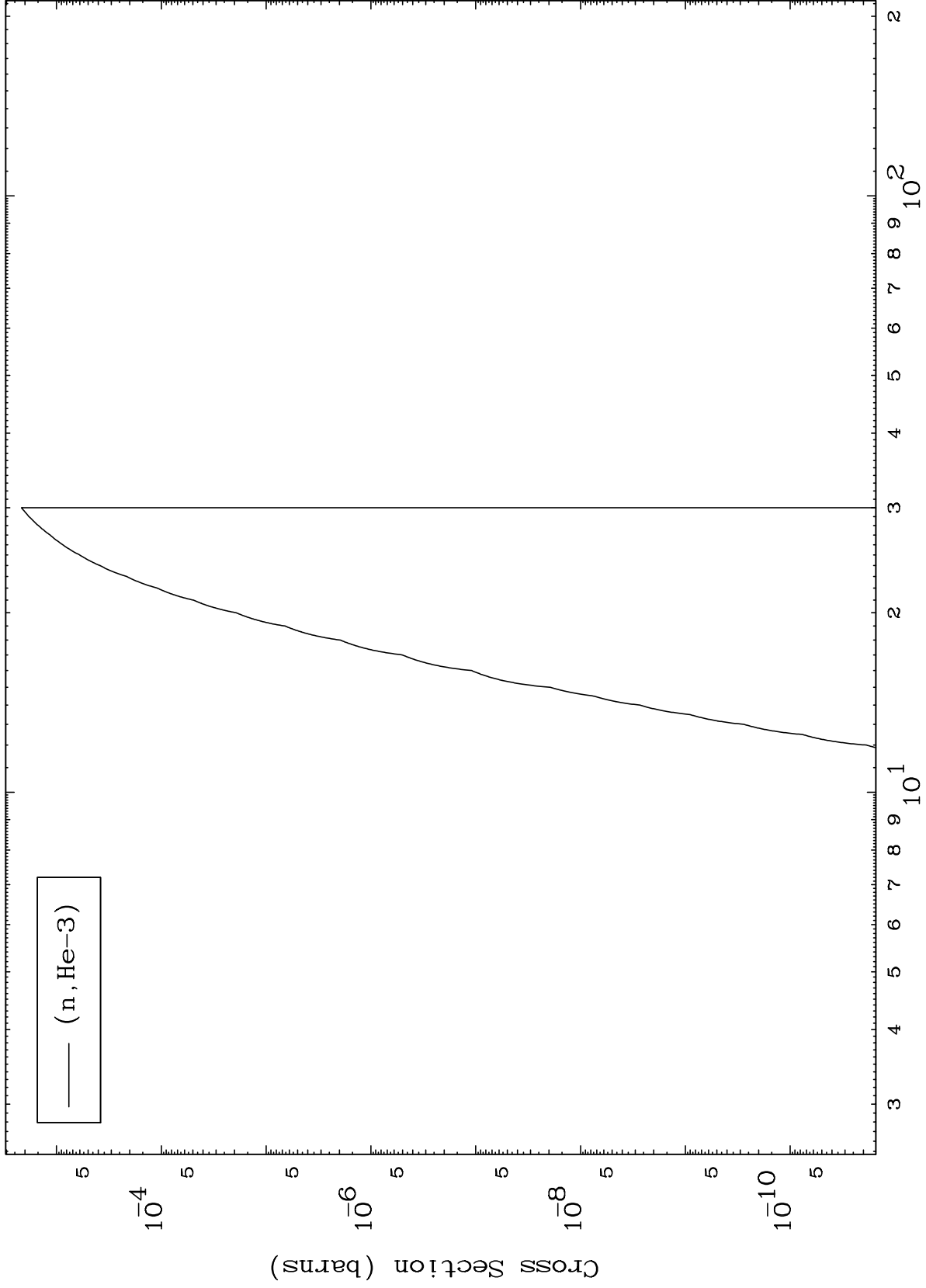
69-Tm-164

12

MAT 6911

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-164



13

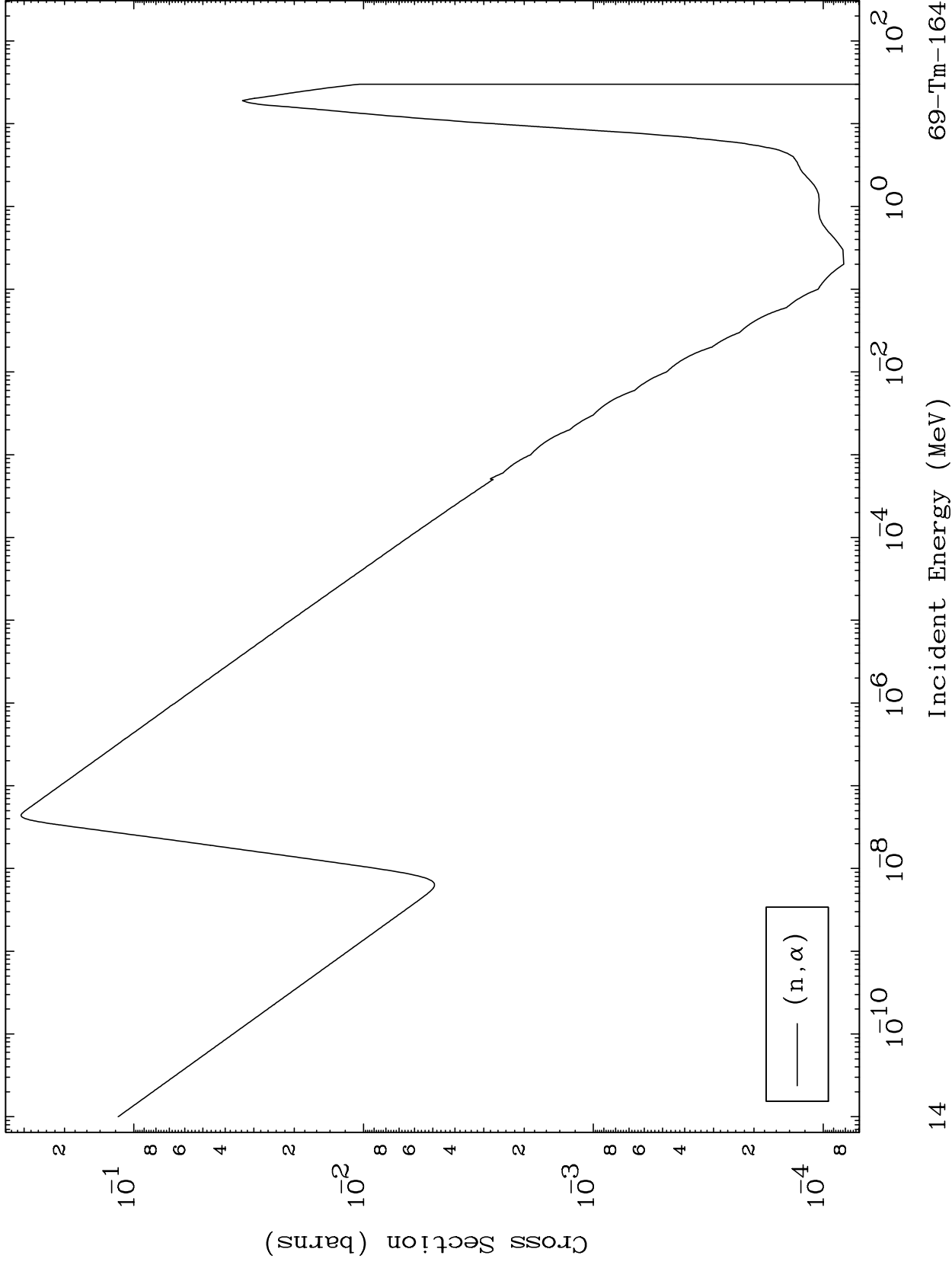
Incident Energy (MeV)

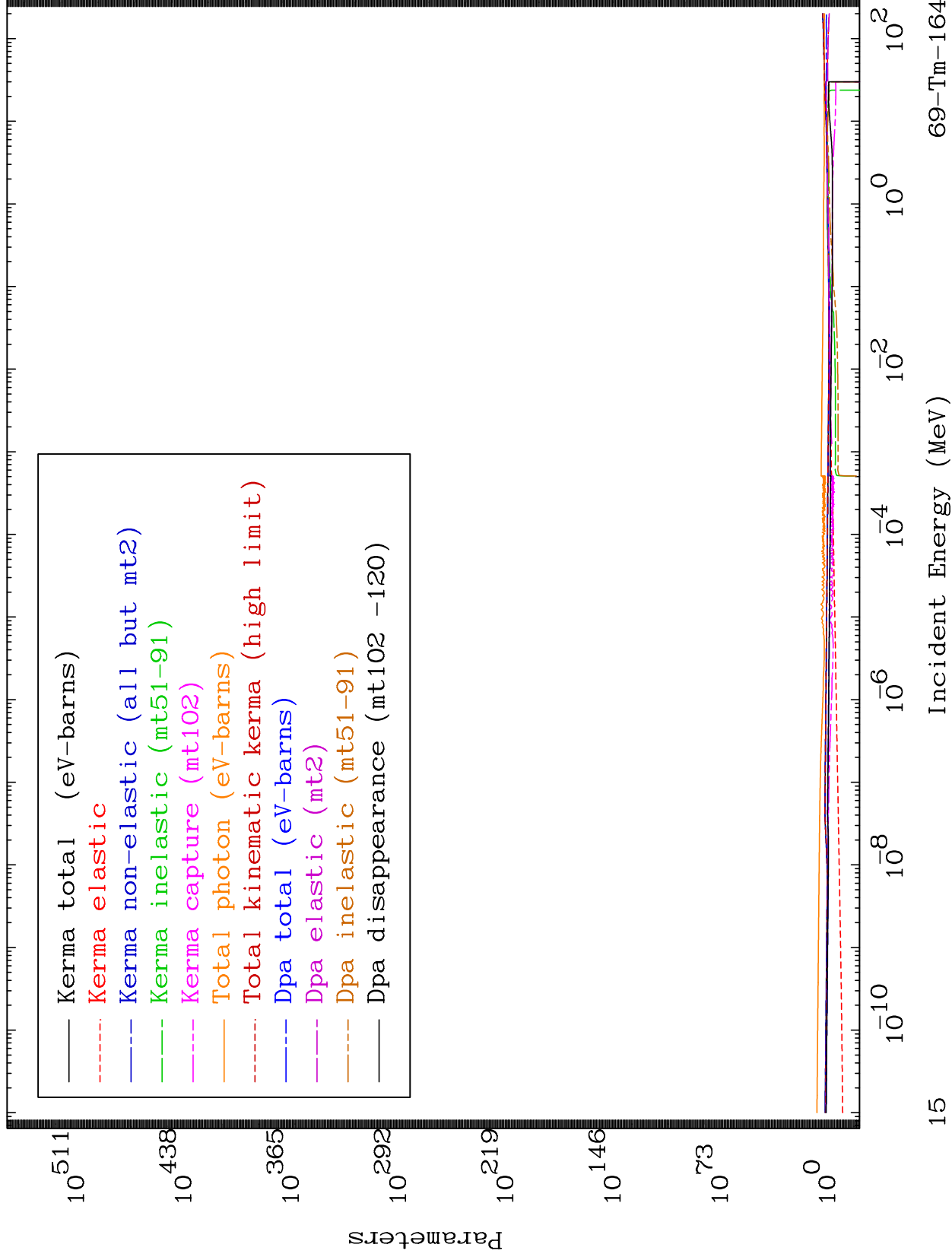
69-Tm-164

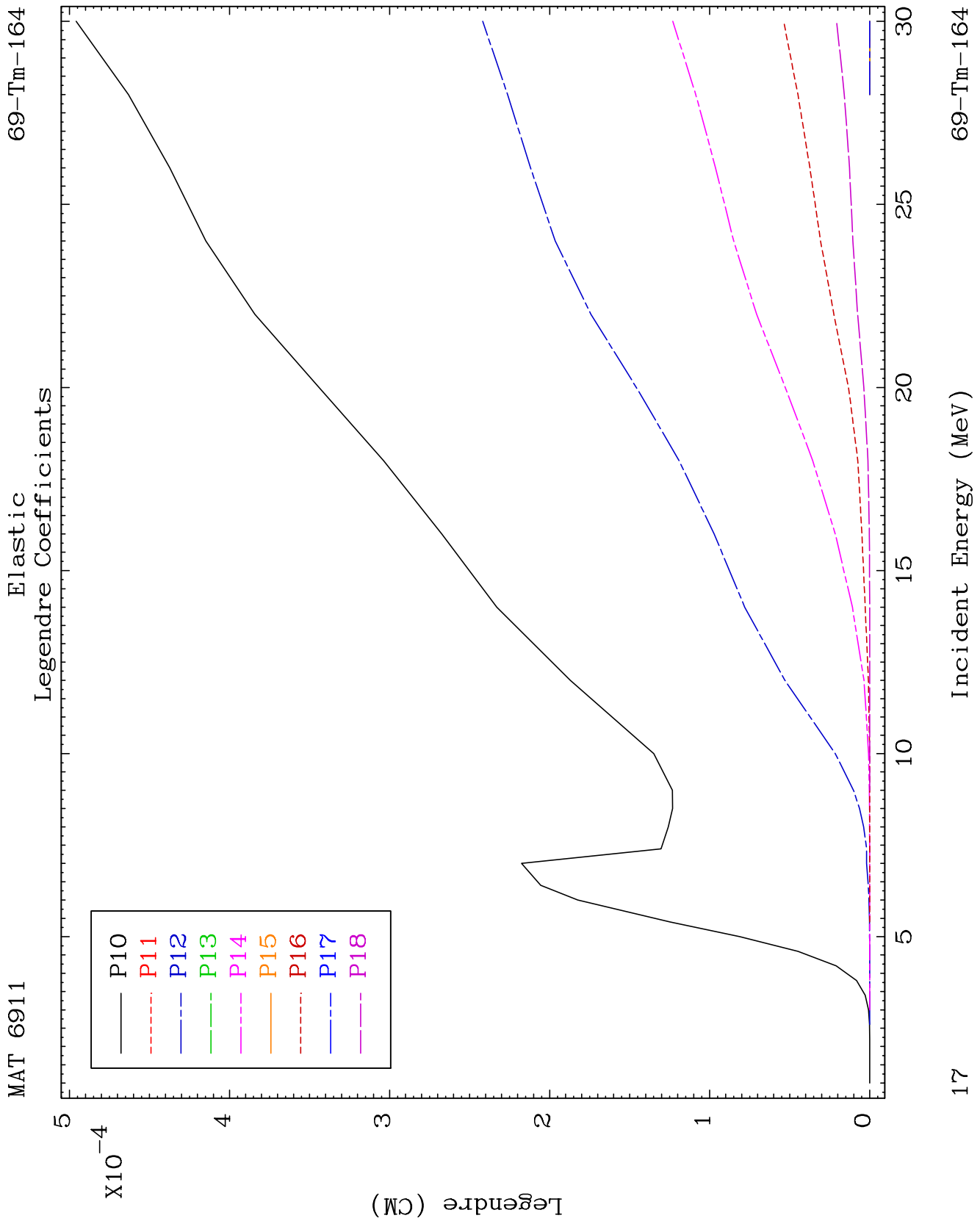
MAT 6911

(n, α) Levels
293 Kelvin Cross Sections

69-Tm-164



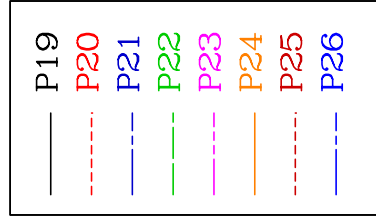




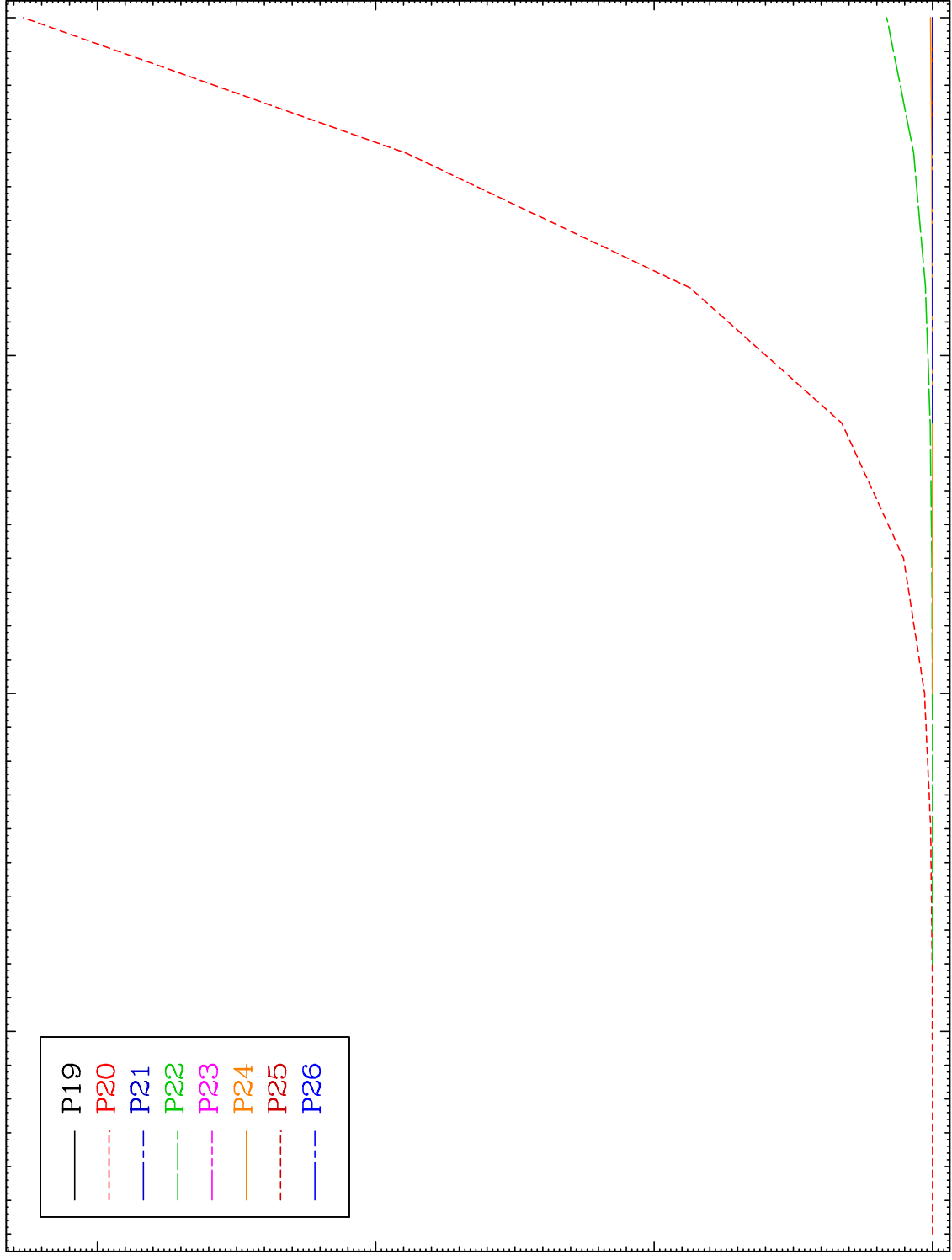
MAT 6911

Elastic
Legendre Coefficients

69-Tm-164



Legendre (CM)
 $\times 10^{-6}$



18

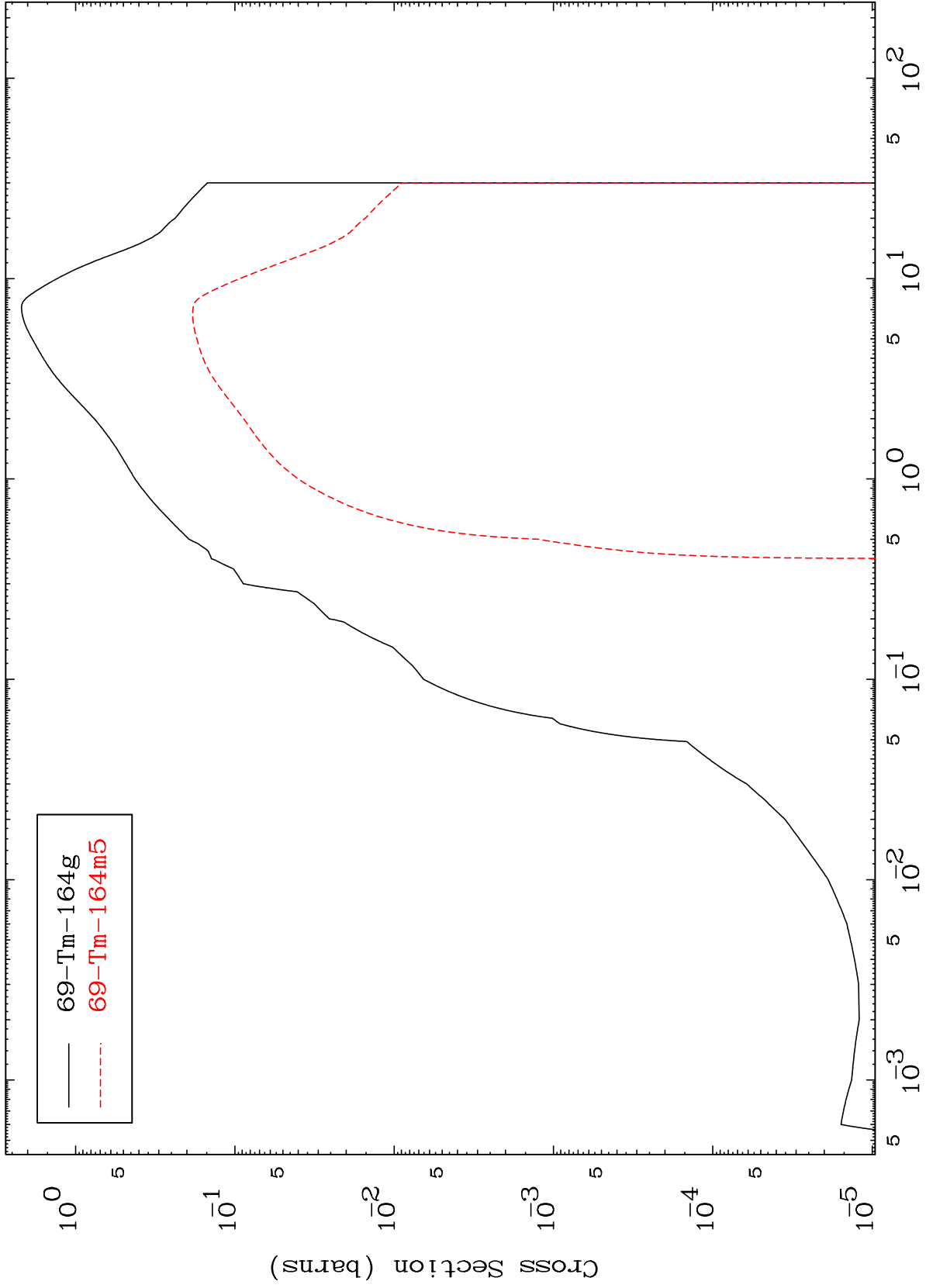
Incident Energy (MeV)

69-Tm-164

MAT 6911

69-Tm-164

Radionuclide Production Cross Section



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

69-Tm-164

Incident Energy (MeV)

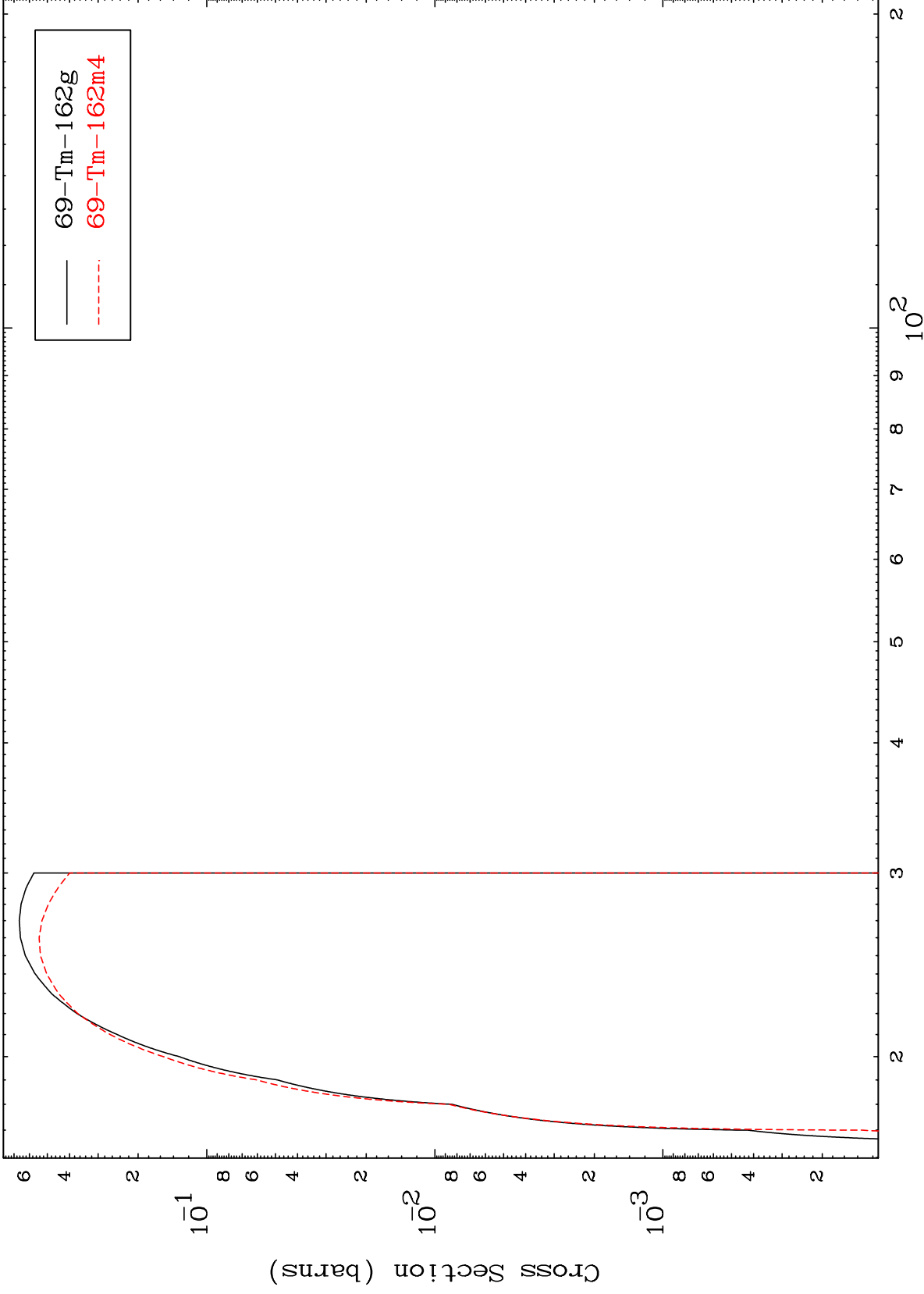
19

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(n,3n)

69-Tm-164

Radionuclide Production Cross Section



20

Incident Energy (MeV)

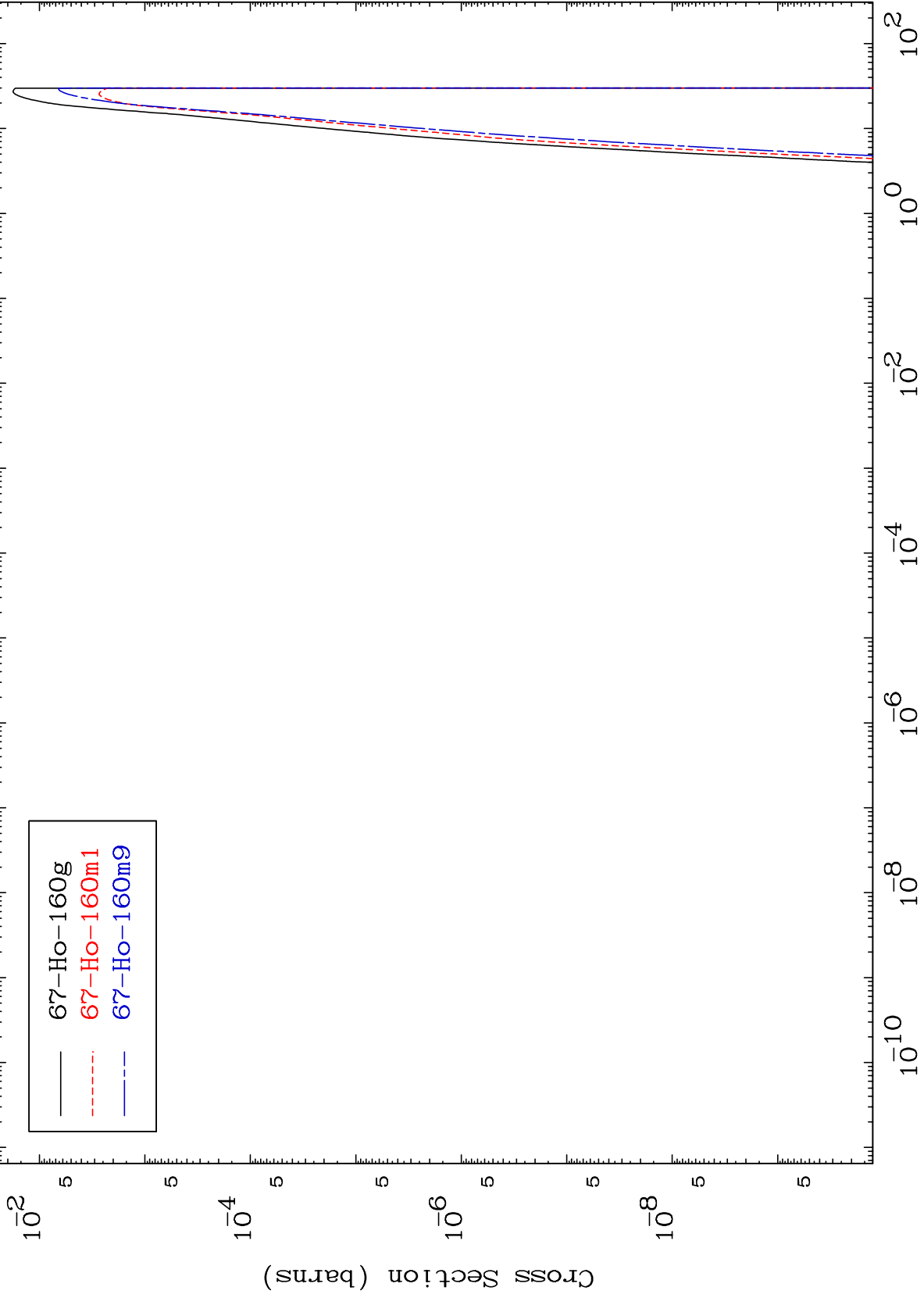
69-Tm-164

MAT 6911

$(n, n') \alpha$

69-Tm-164

Radionuclide Production Cross Section



21

Incident Energy (MeV)

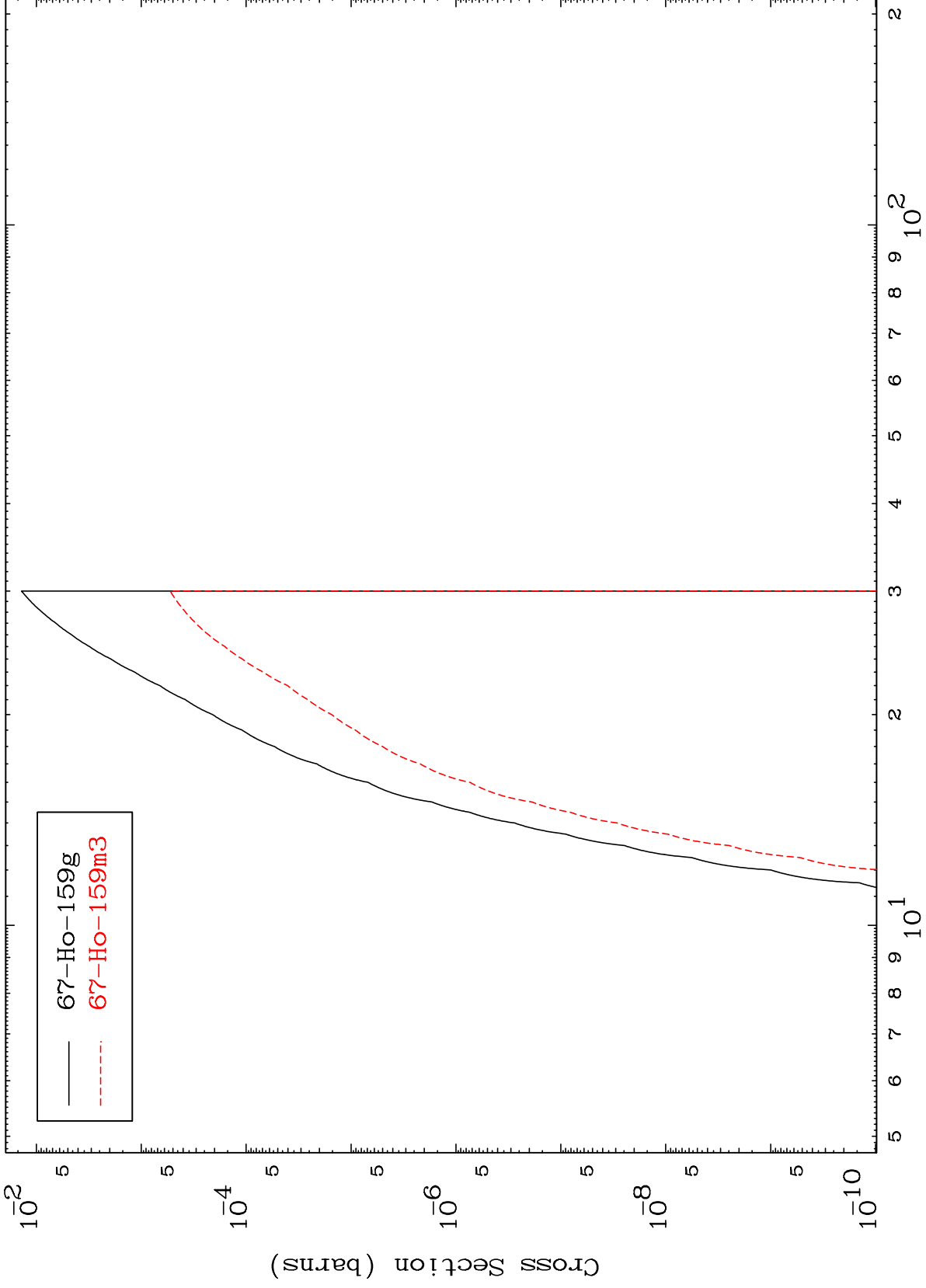
69-Tm-164

MAT 6911

$(n,2n) \alpha$

69-Tm-164

Radionuclide Production Cross Section



22

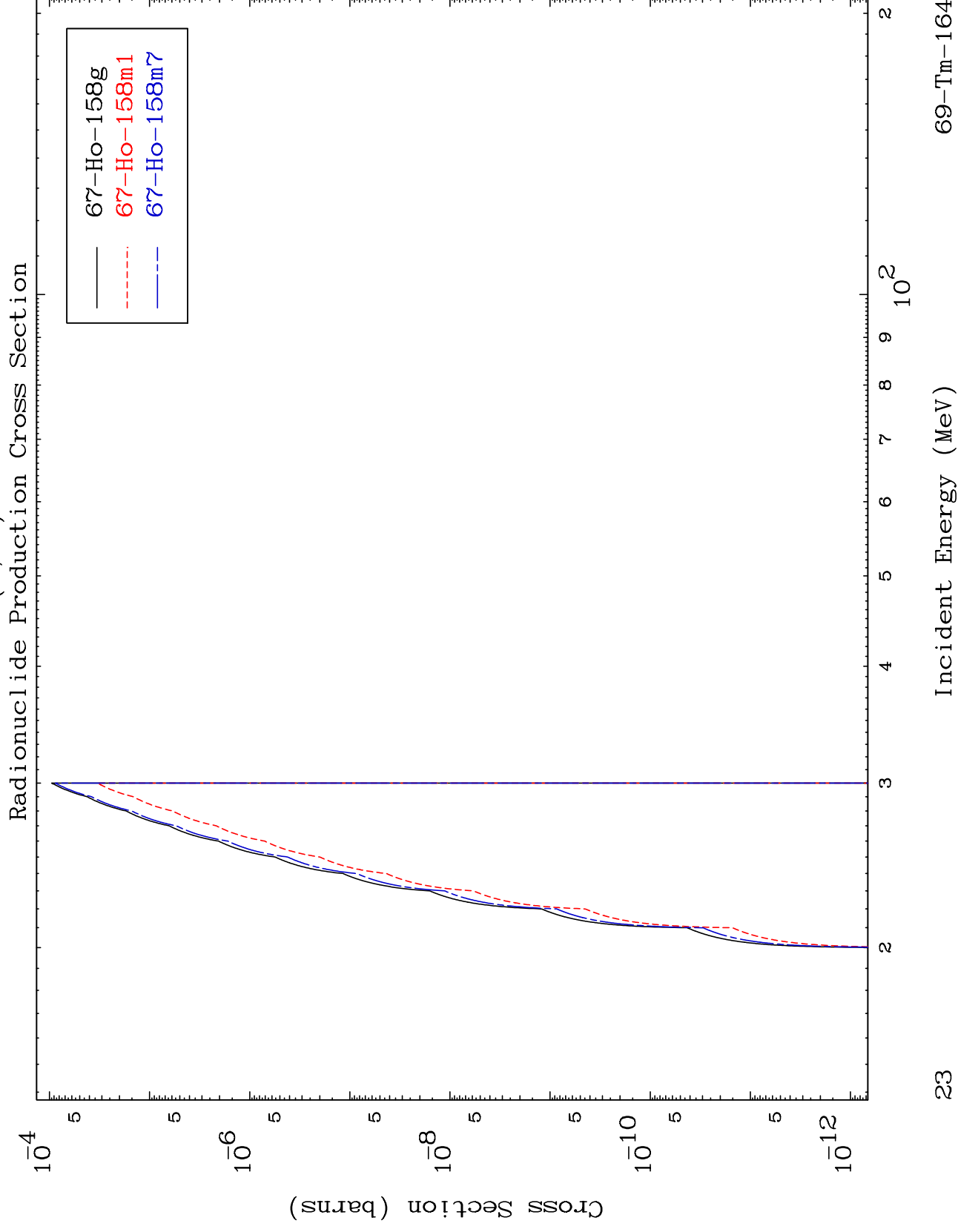
Incident Energy (MeV)

69-Tm-164

MAT 6911

$(n,3n) \alpha$

69-Tm-164



23

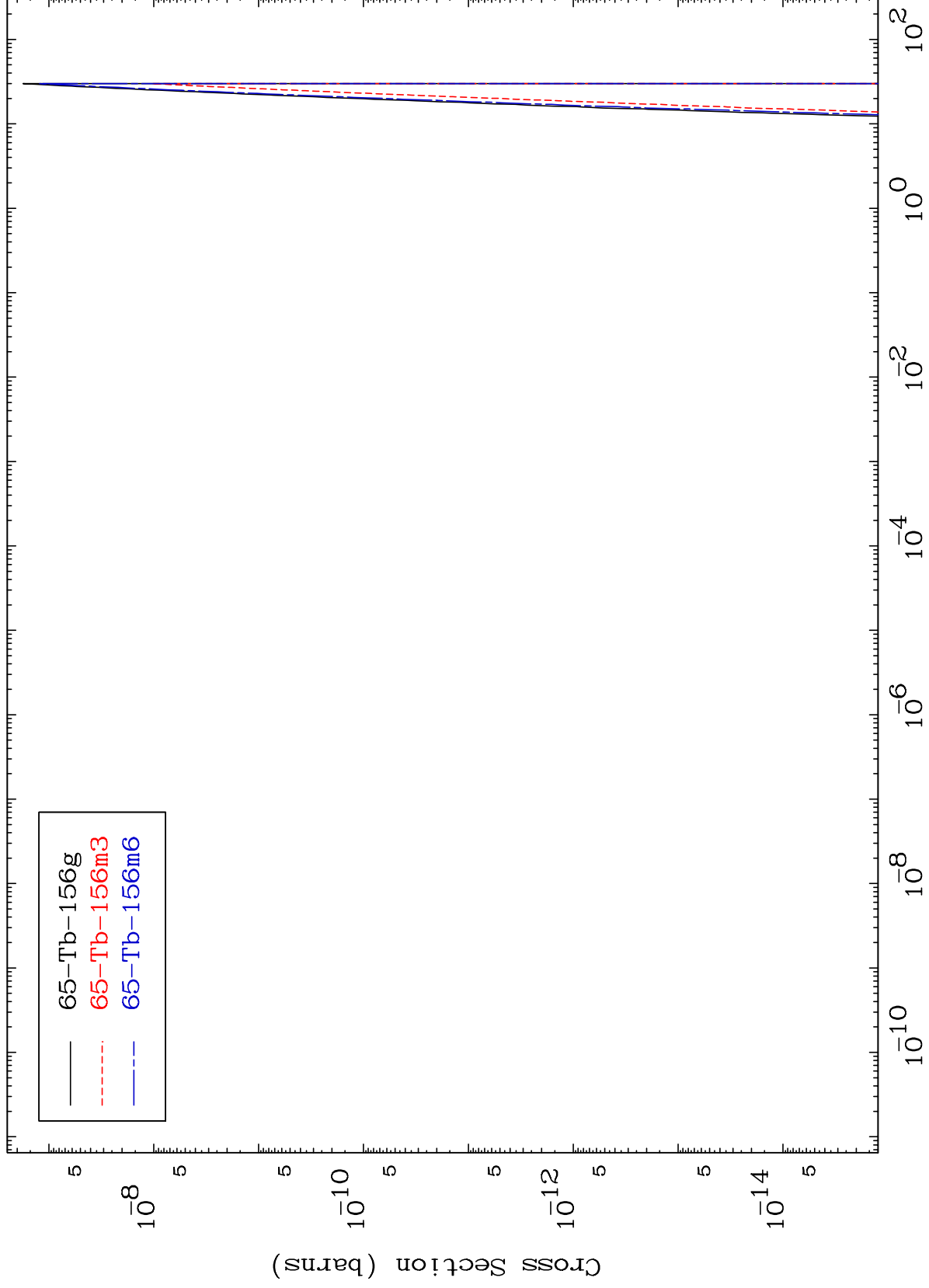
69-Tm-164

MAT 6911

(n,n') 2α

69-Tm-164

Radionuclide Production Cross Section



24

Incident Energy (MeV)

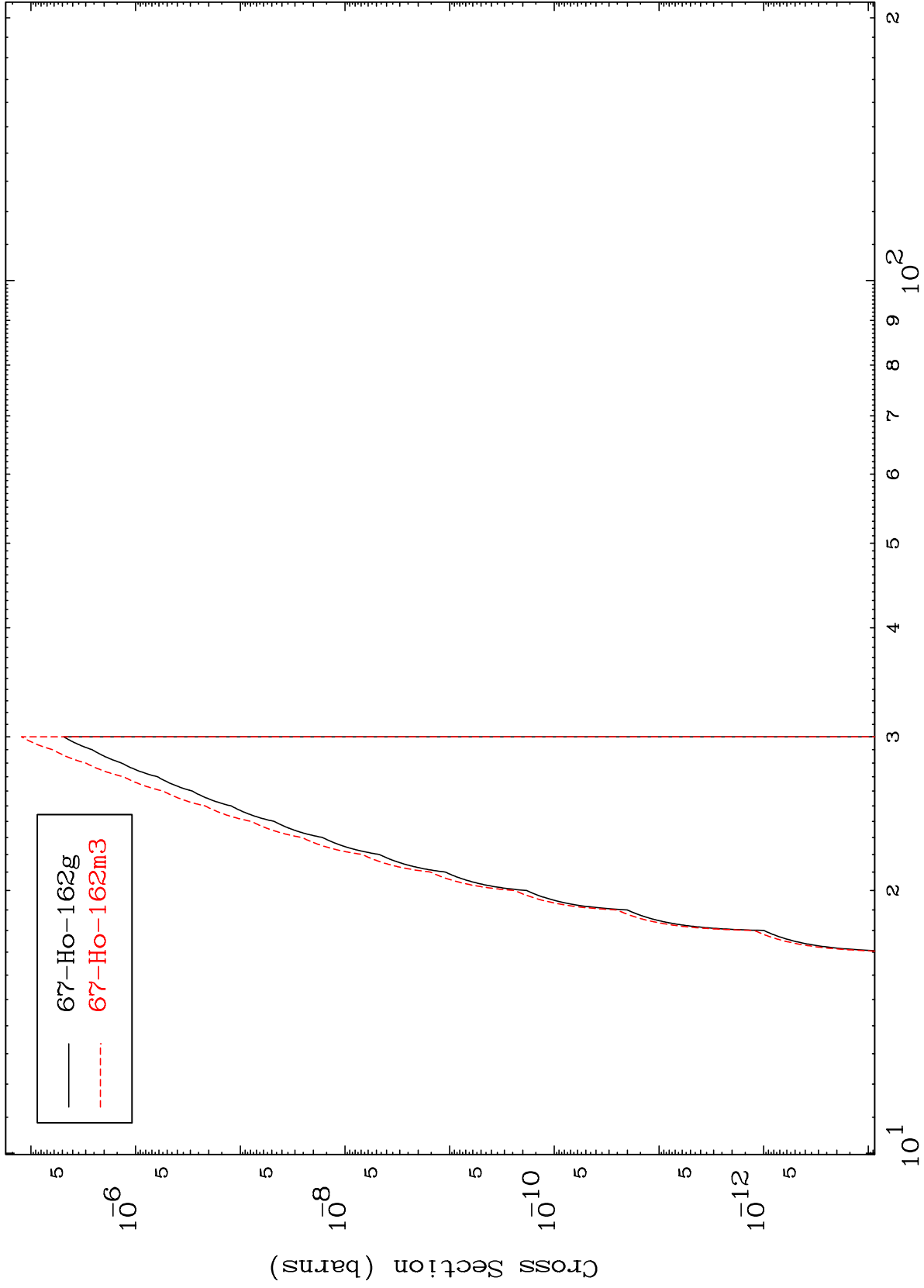
69-Tm-164

MAT 6911

(n,2n) p

69-Tm-164

Radionuclide Production Cross Section



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

Incident Energy (MeV)

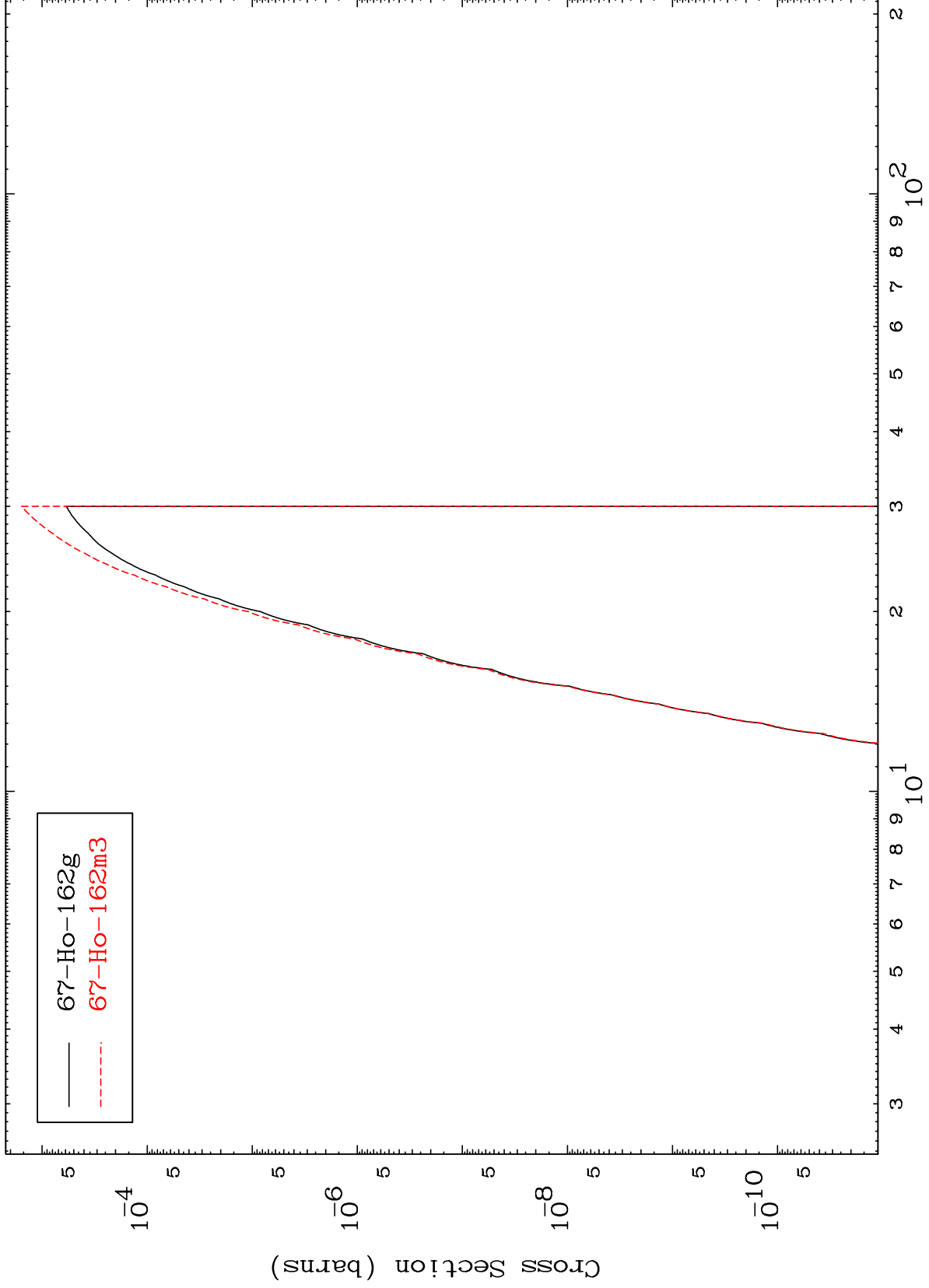
69-Tm-164

26

MAT 6911

69-Tm-164

(n,He-3)
Radionuclide Production Cross Section



27

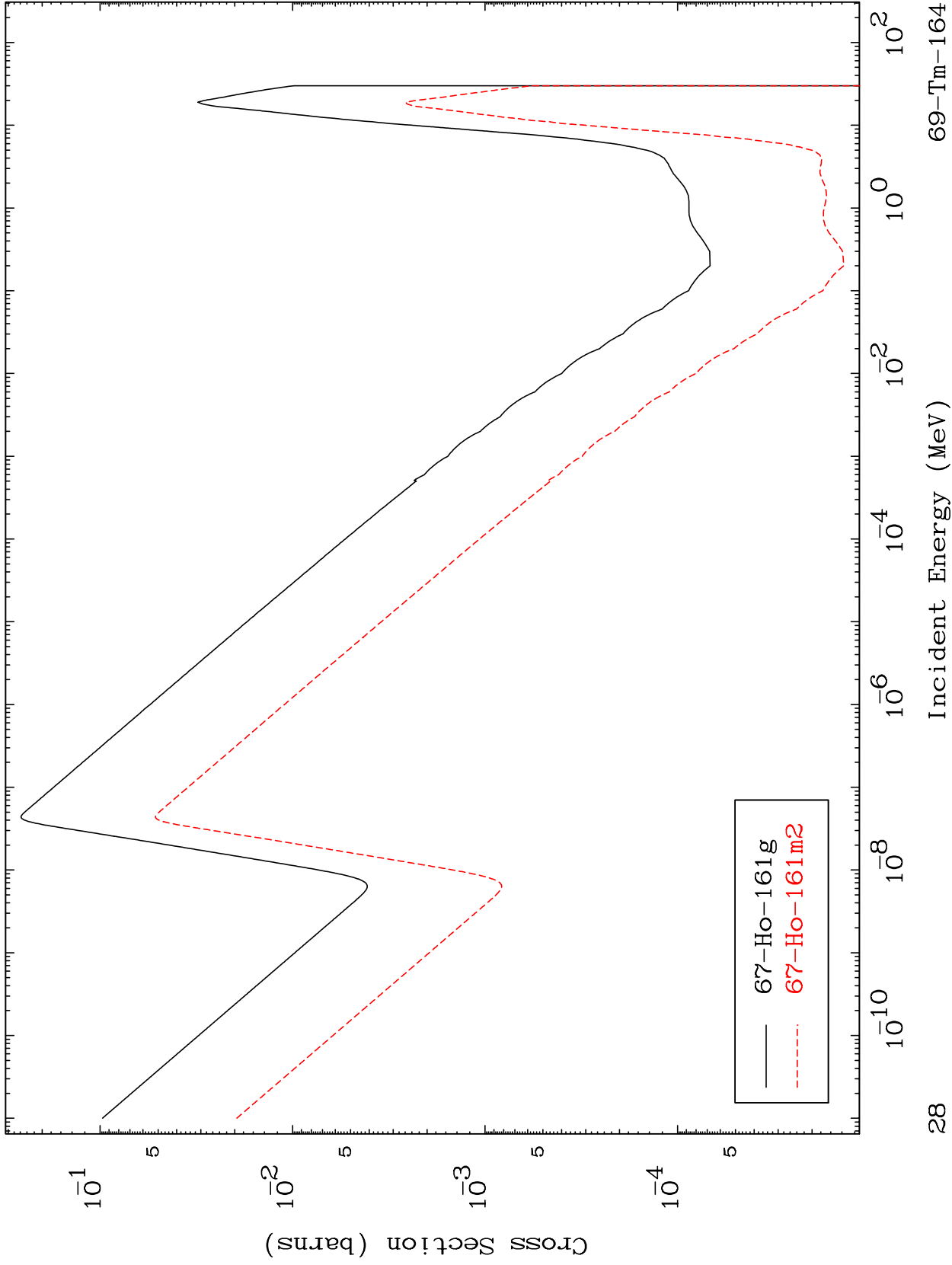
Incident Energy (MeV)

69-Tm-164

MAT 6911

69-Tm-164

Radionuclide Production Cross Section
(n, α)

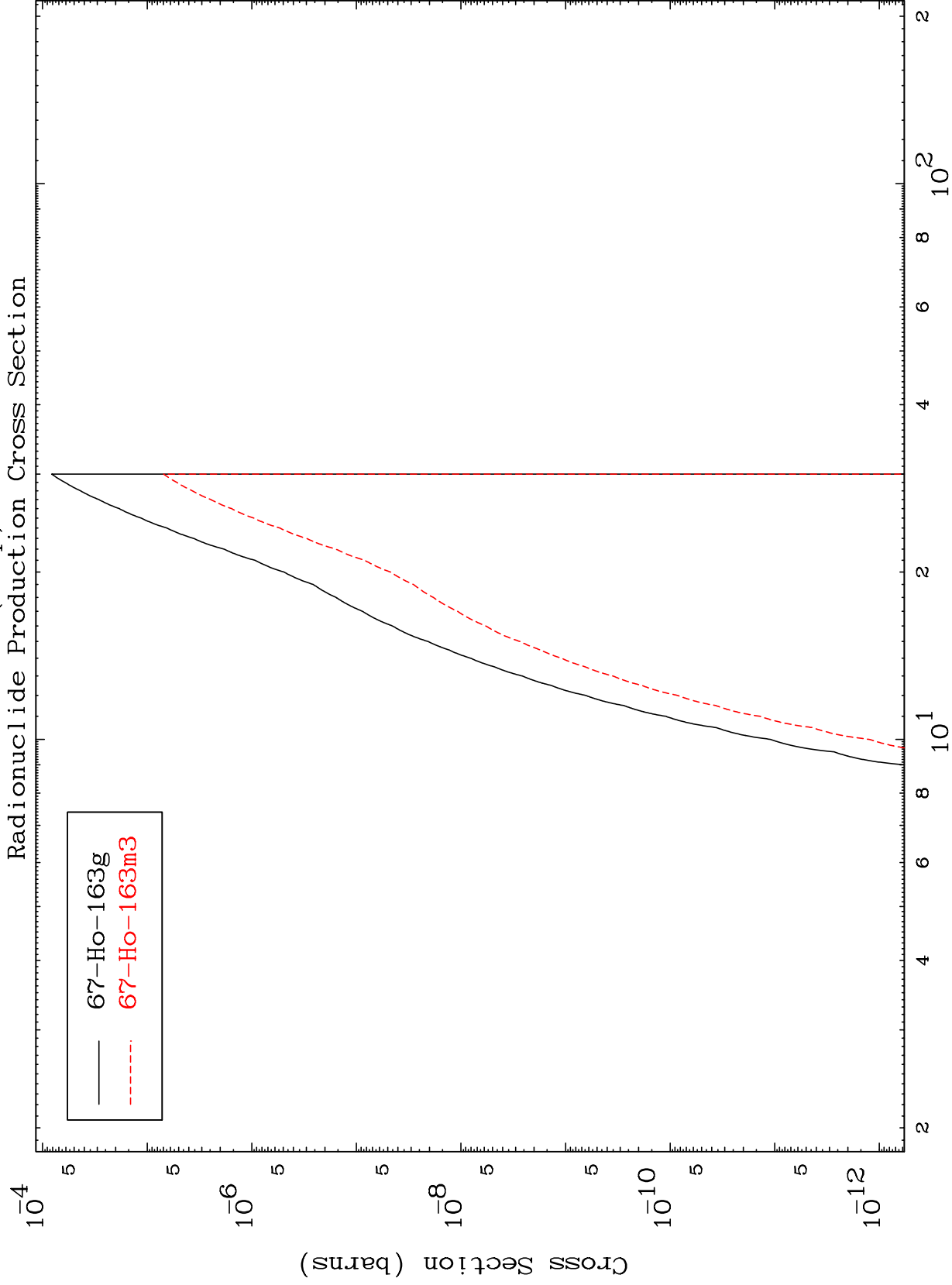


MAT 6911

(n,2p)

69-Tm-164

Radionuclide Production Cross Section



29

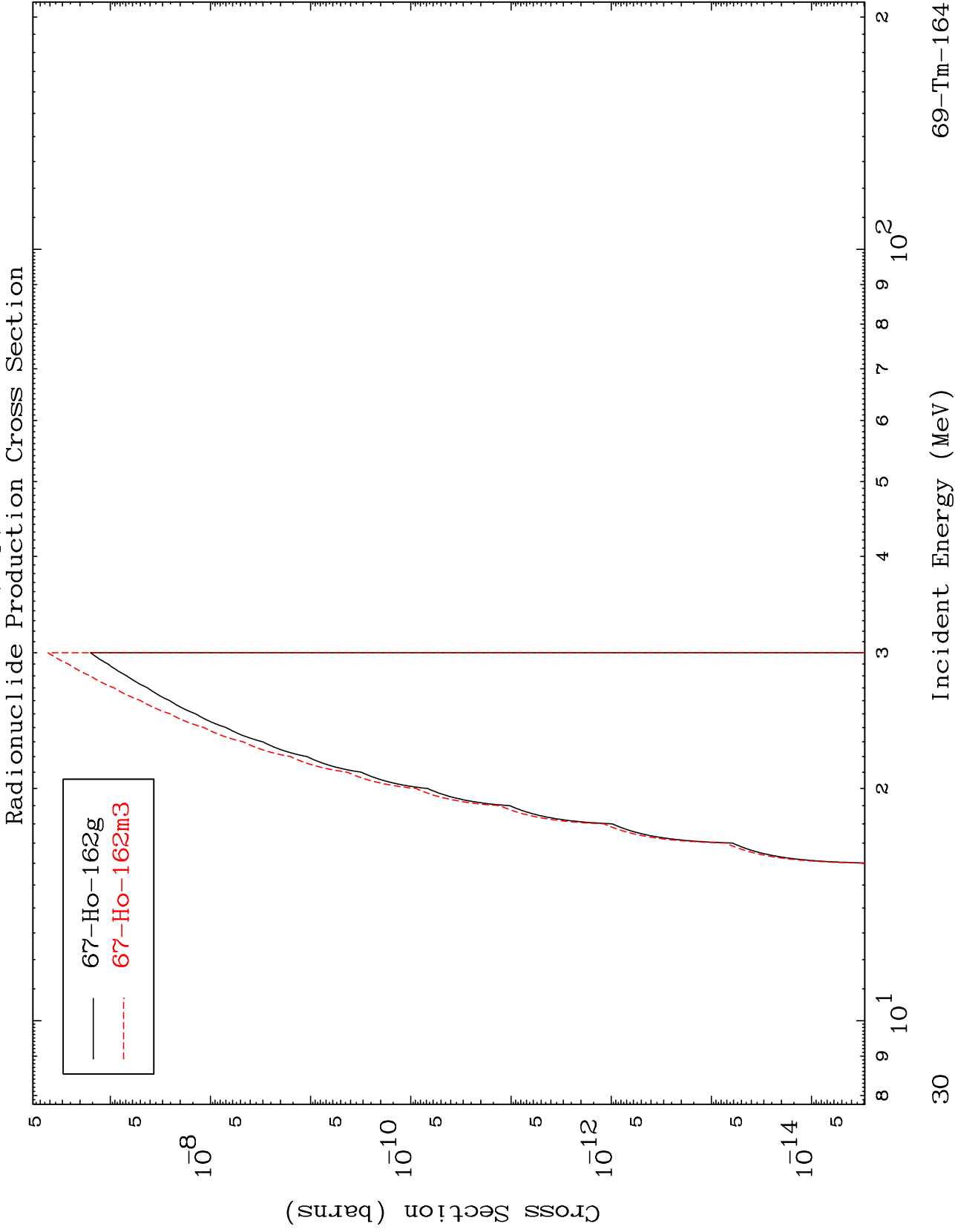
Incident Energy (MeV)

69-Tm-164

MAT 6911

(n,p) d

⁶⁹Tm-164



30

Incident Energy (MeV)

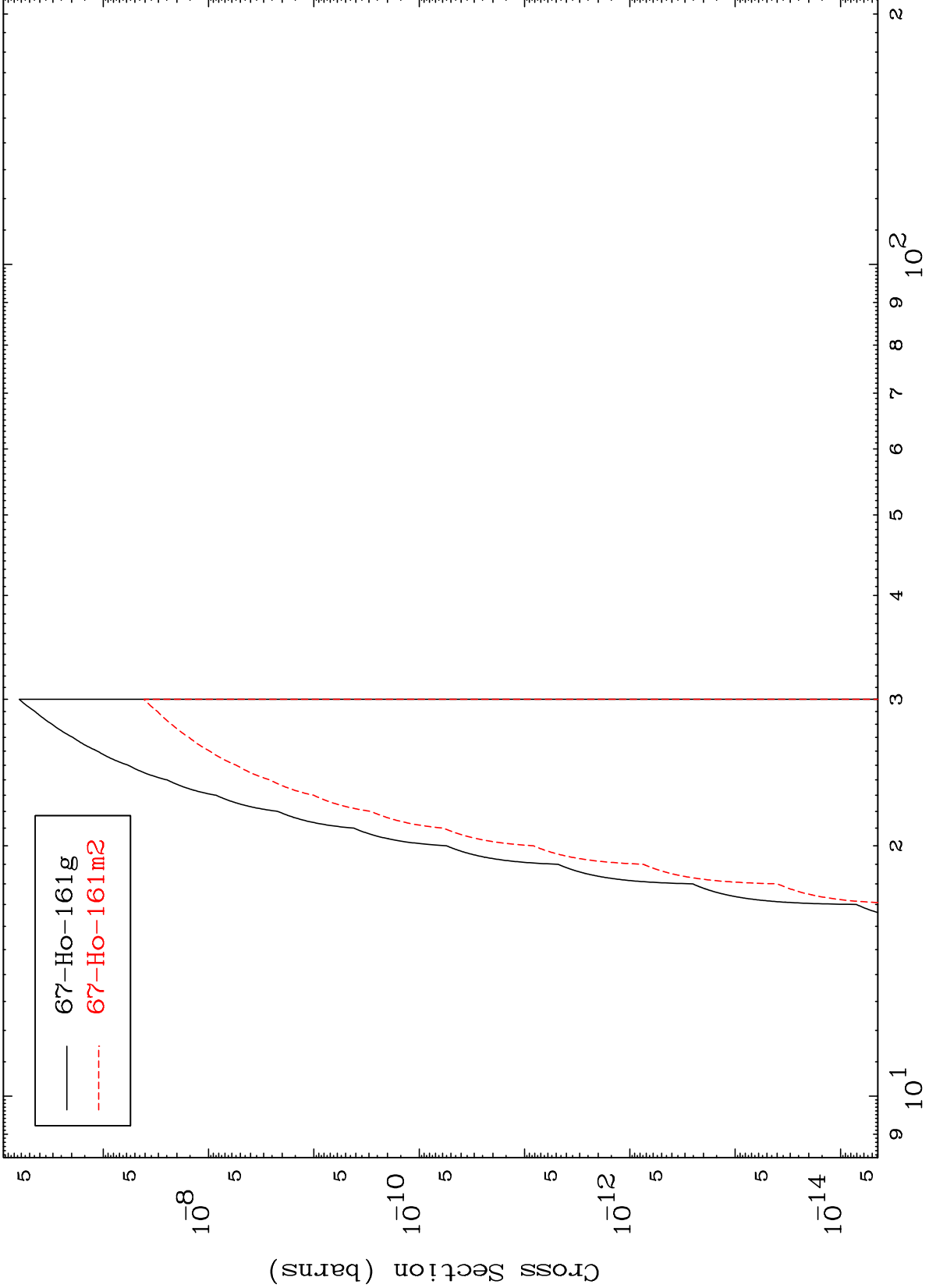
⁶⁹Tm-164

MAT 6911

(n,p) t

69-Tm-164

Radionuclide Production Cross Section



67-Ho-161g
67-Ho-161m2

31

Incident Energy (MeV)

69-Tm-164