

Program EVALPLOT
(Version 2021-1)

by

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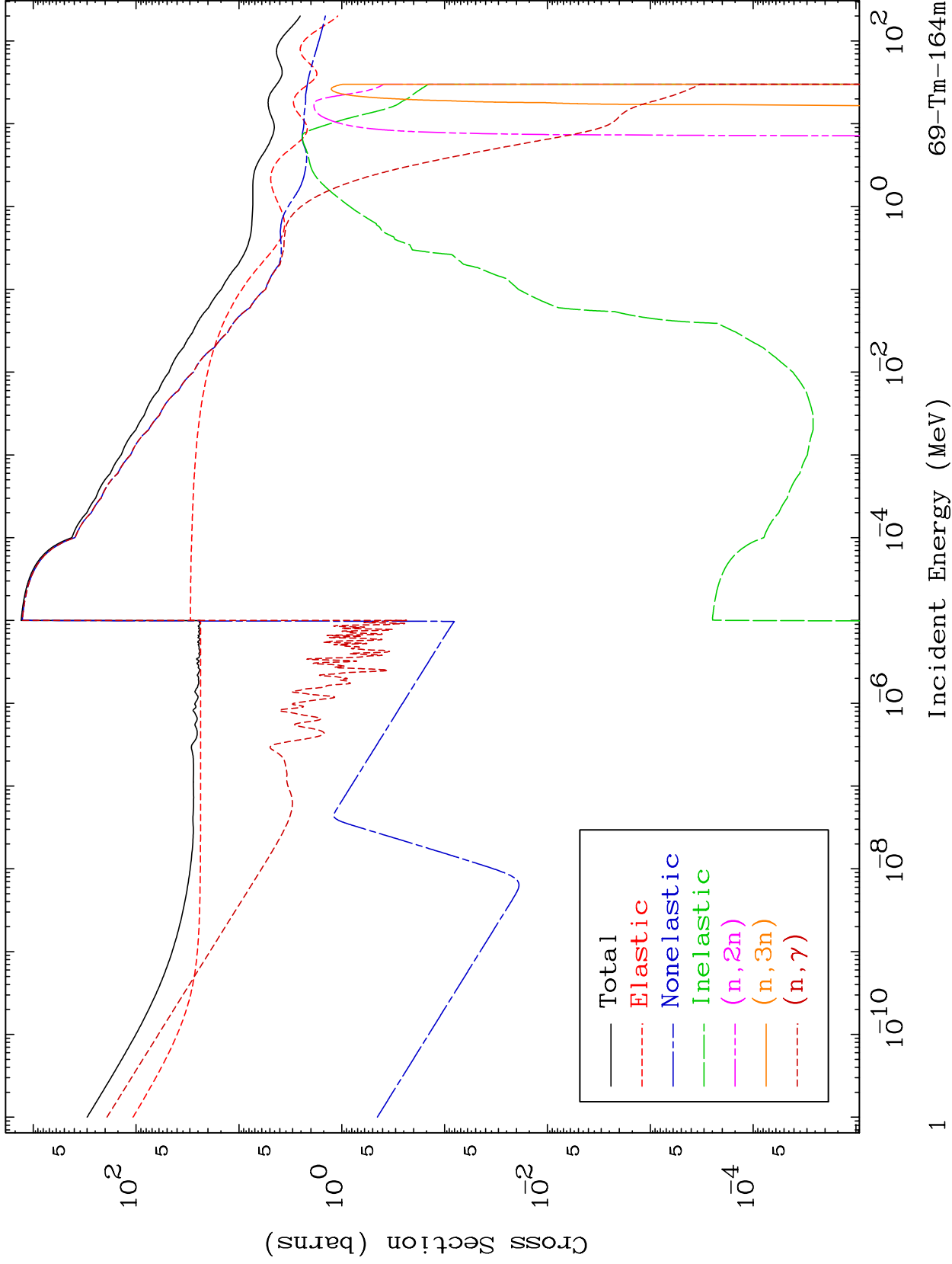
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6911

Neutron Major
293 Kelvin Cross Sections

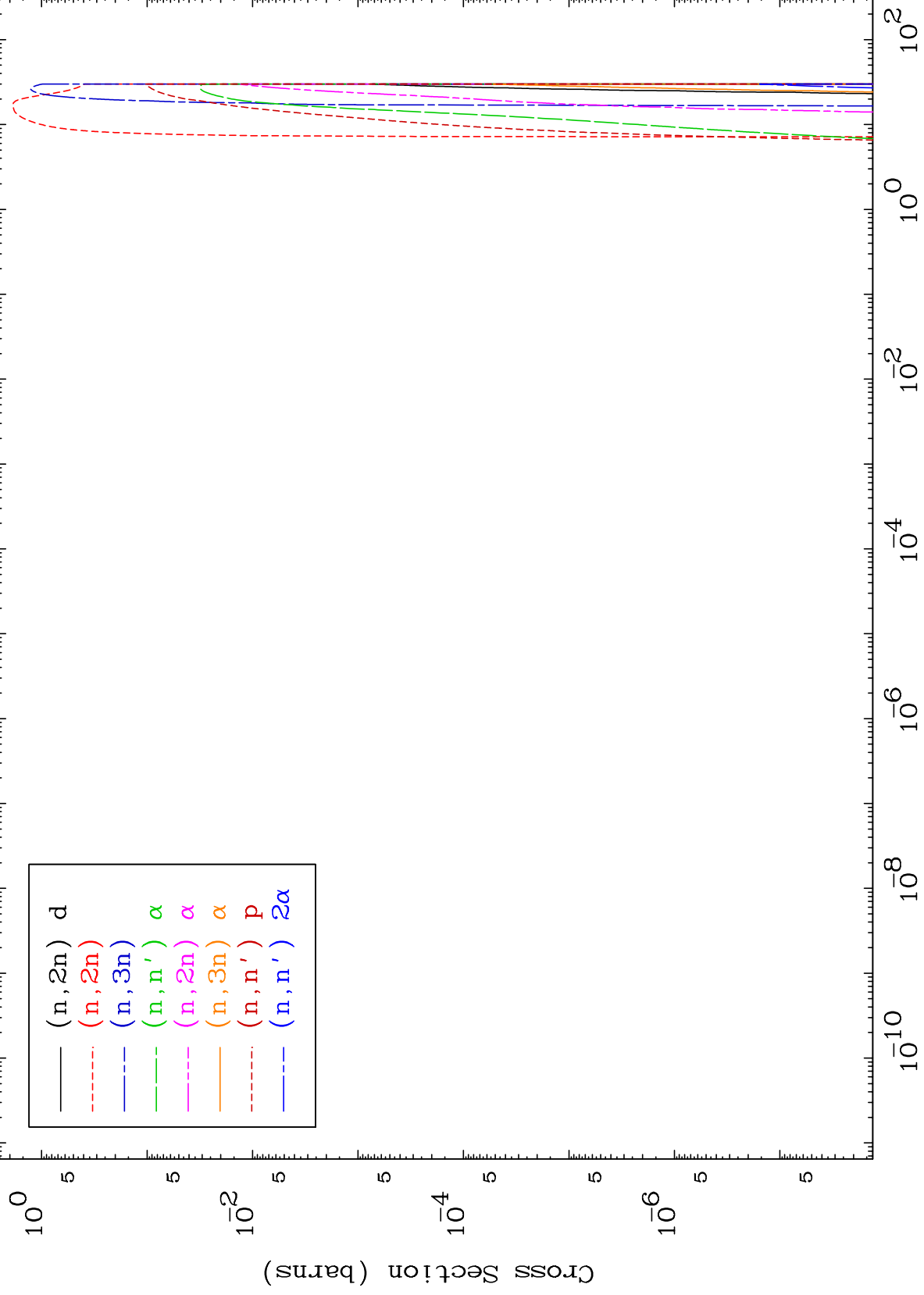
69-Tm-164m



MAT 6911

Neutron Absorption
293 Kelvin Cross Sections

69-Tm-164m



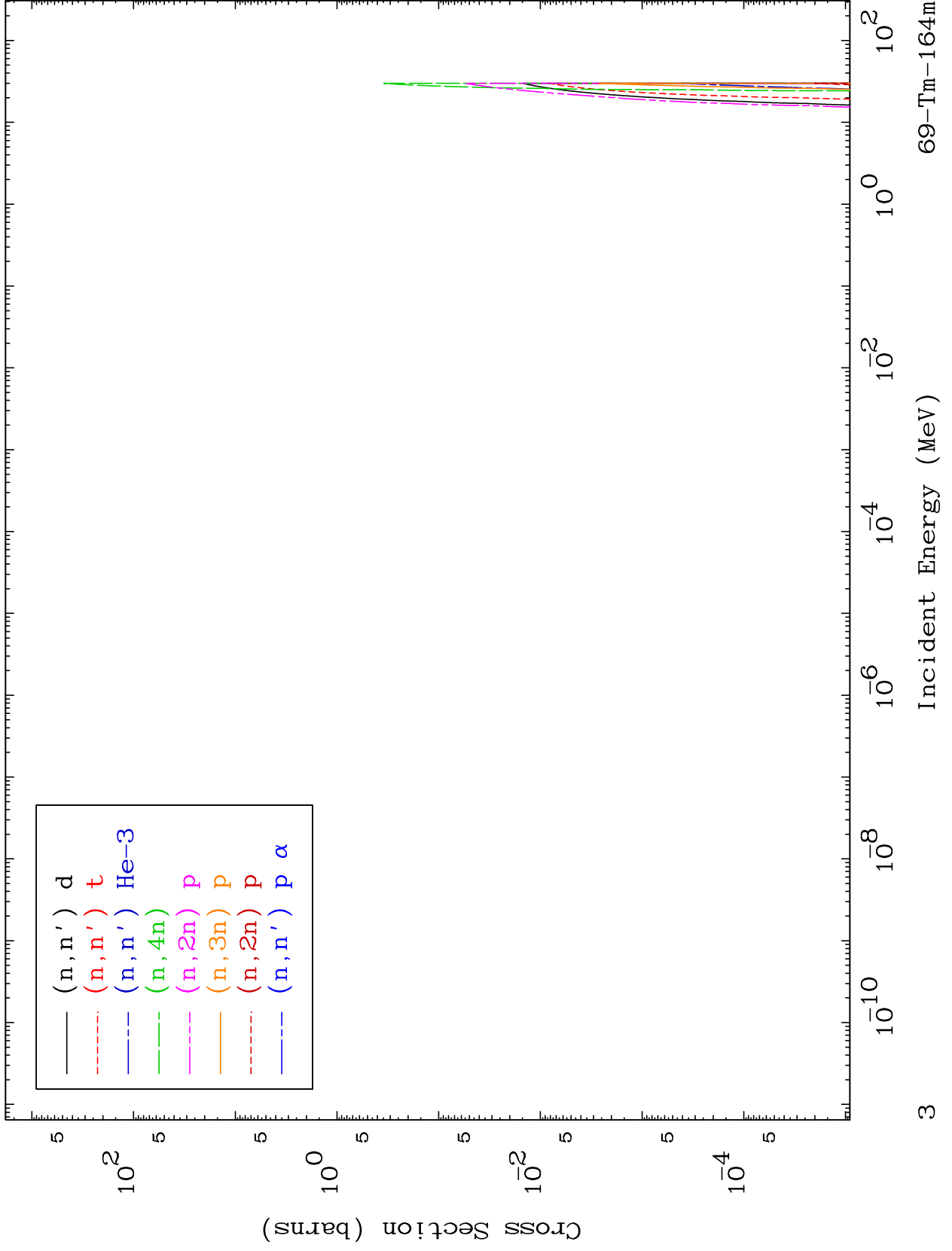
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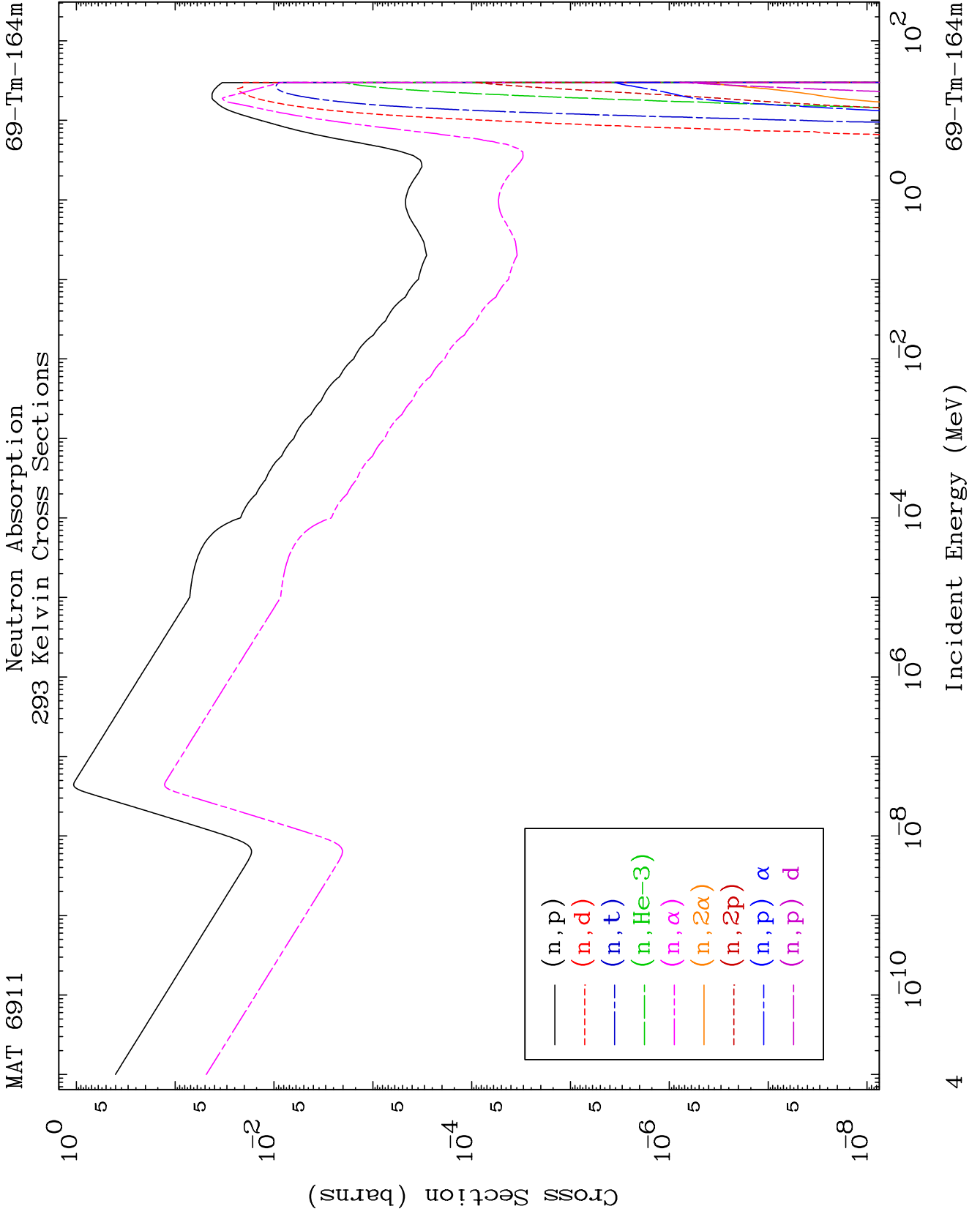
Incident Energy (MeV)

MAT 6911

Neutron Absorption
293 Kelvin Cross Sections

69-Tm-164m

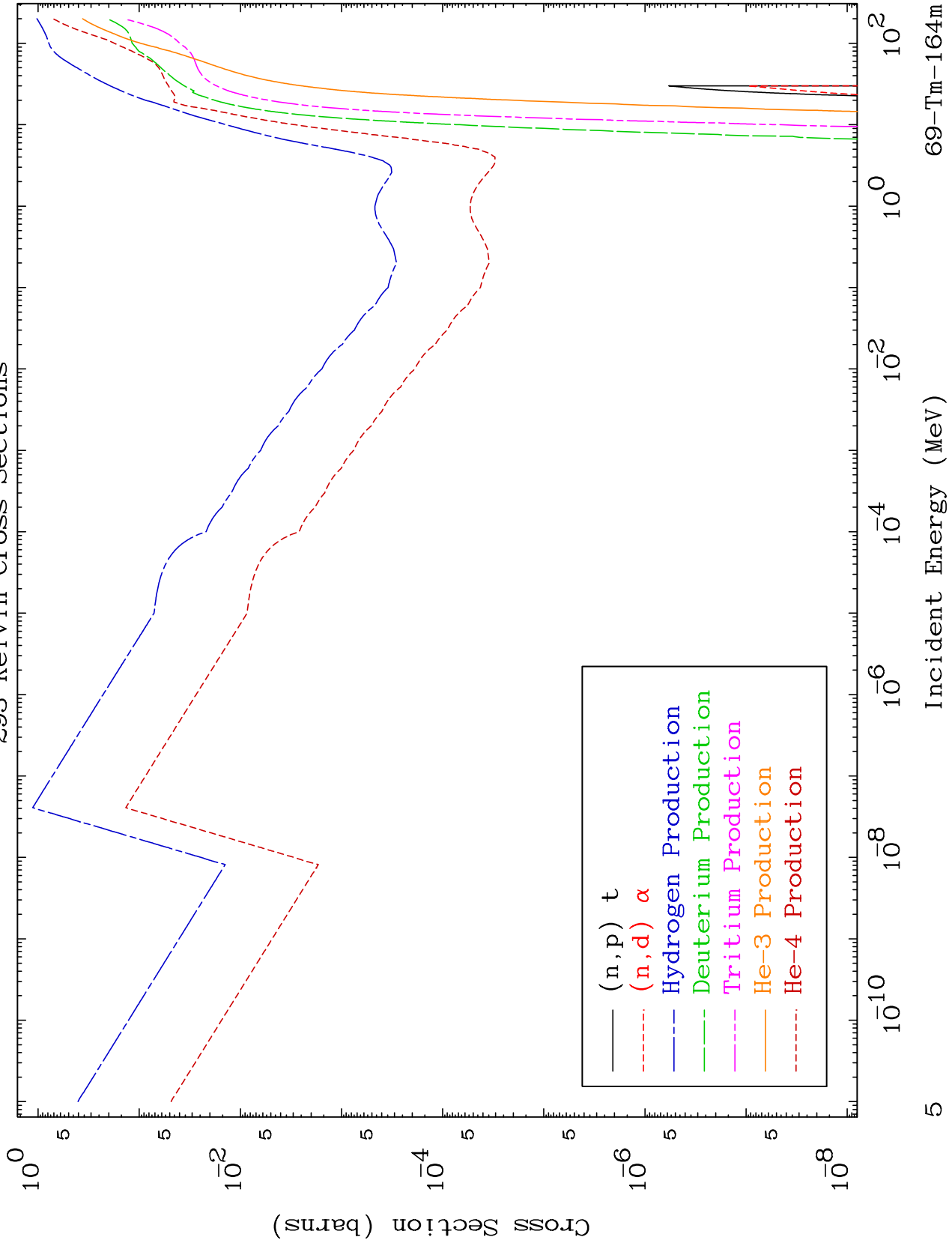




MAT 6911

Neutron Absorption
293 Kelvin Cross Sections

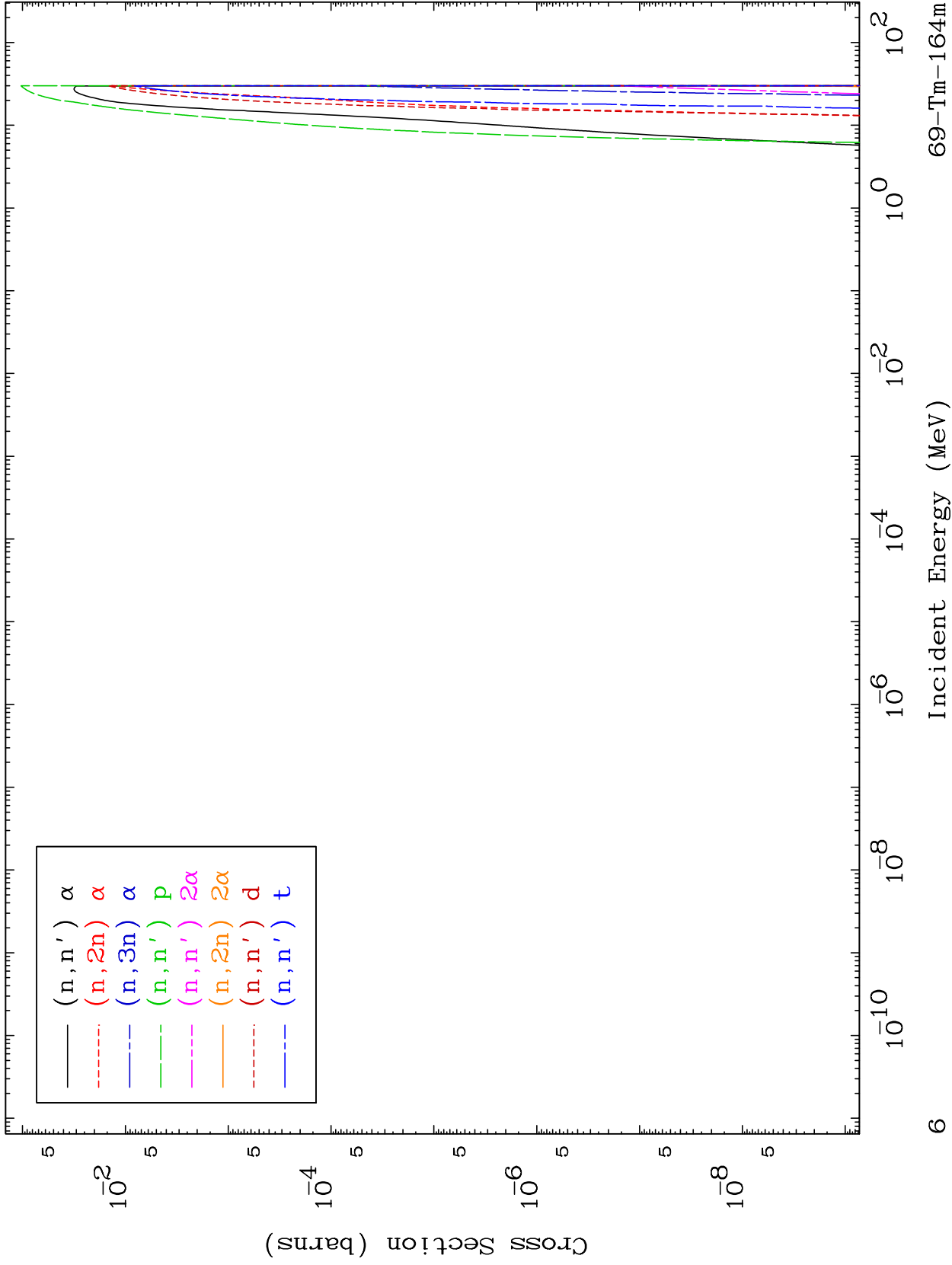
69-Tm-164m

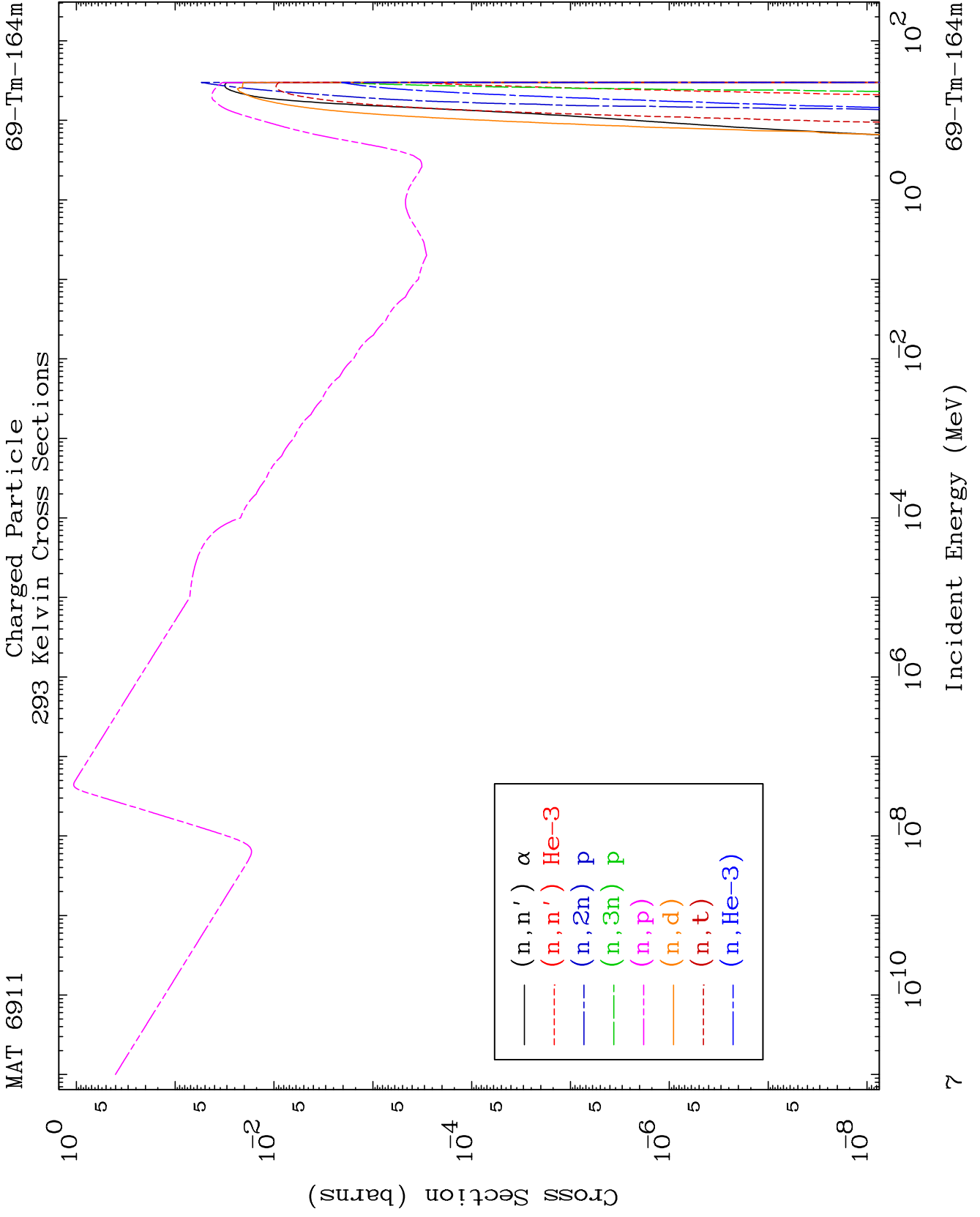


MAT 6911

Charged Particle
293 Kelvin Cross Sections

69-Tm-164m

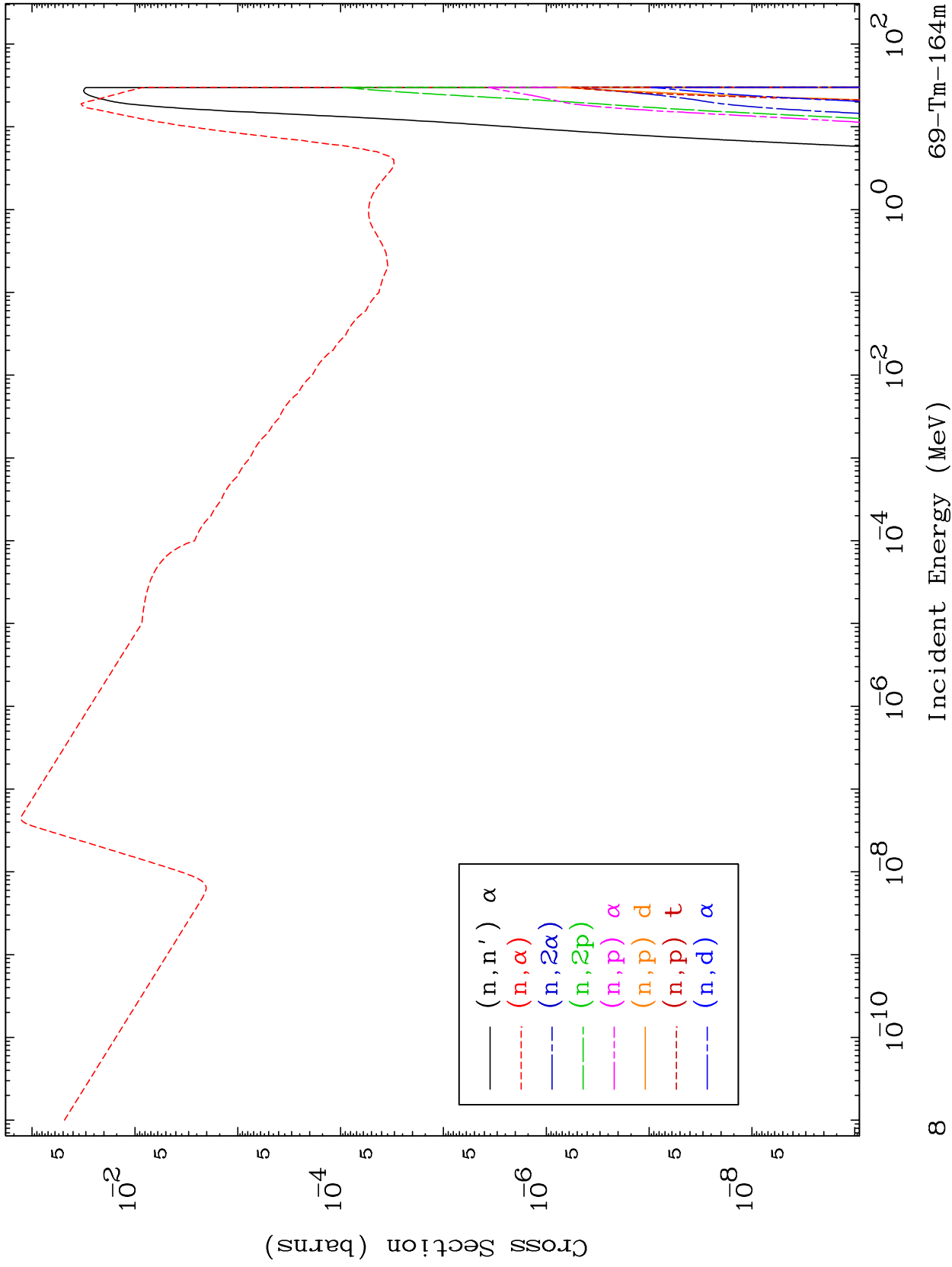




MAT 6911

Charged Particle
293 Kelvin Cross Sections

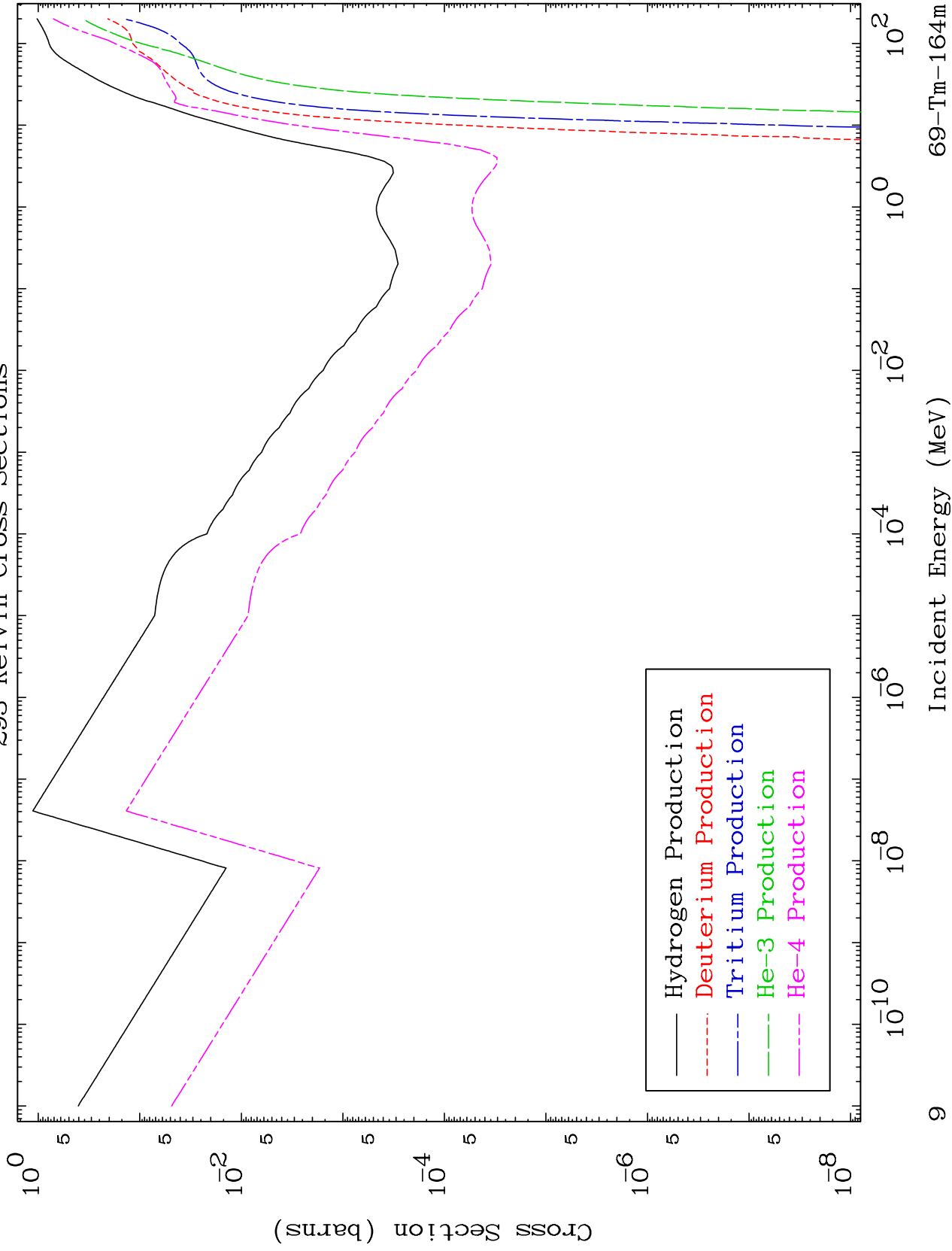
69-Tm-164m



MAT 6911

Particle Production
293 Kelvin Cross Sections

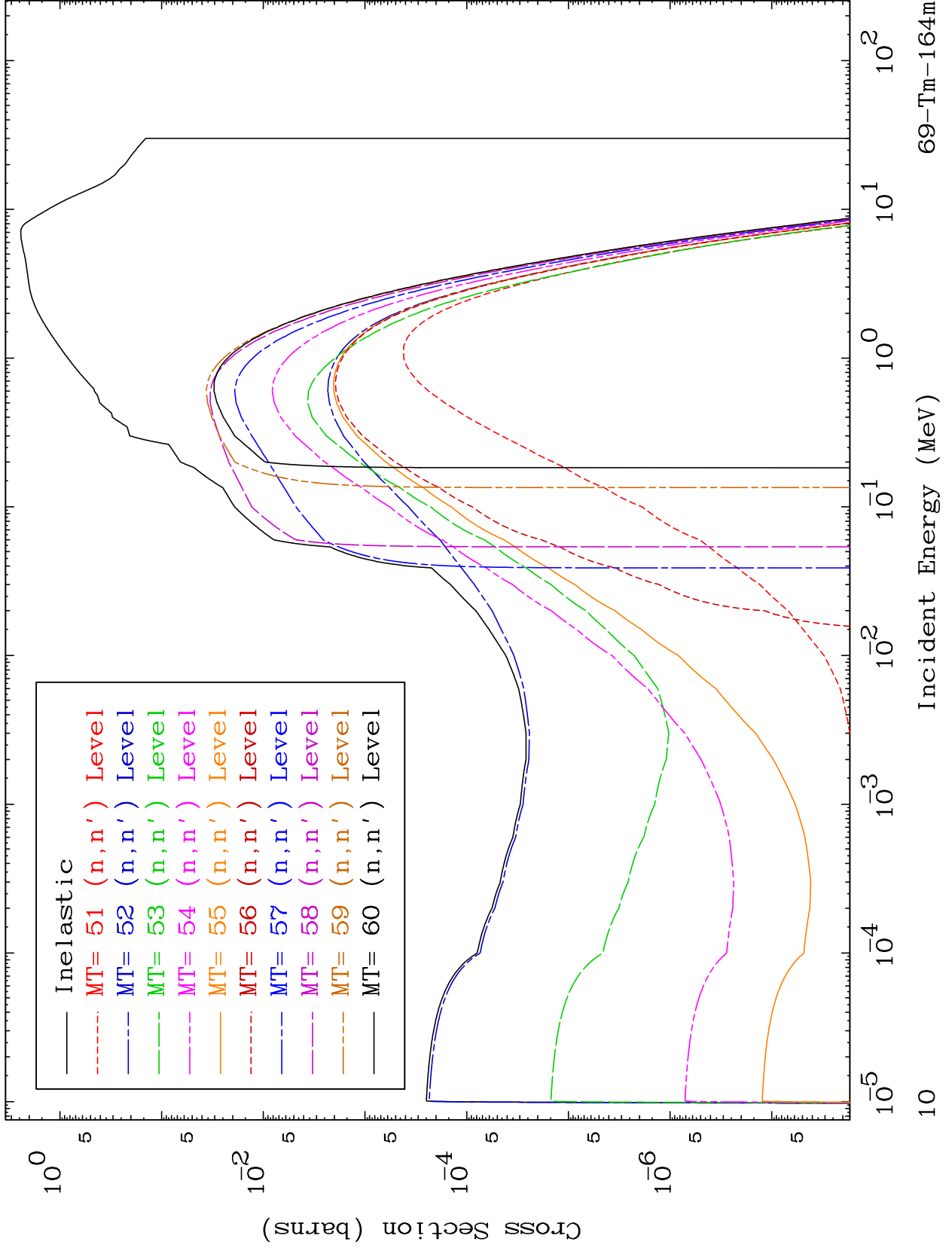
69-Tm-164m



MAT 6911

(n,n') Levels
293 Kelvin Cross Sections

69-Tm-164m



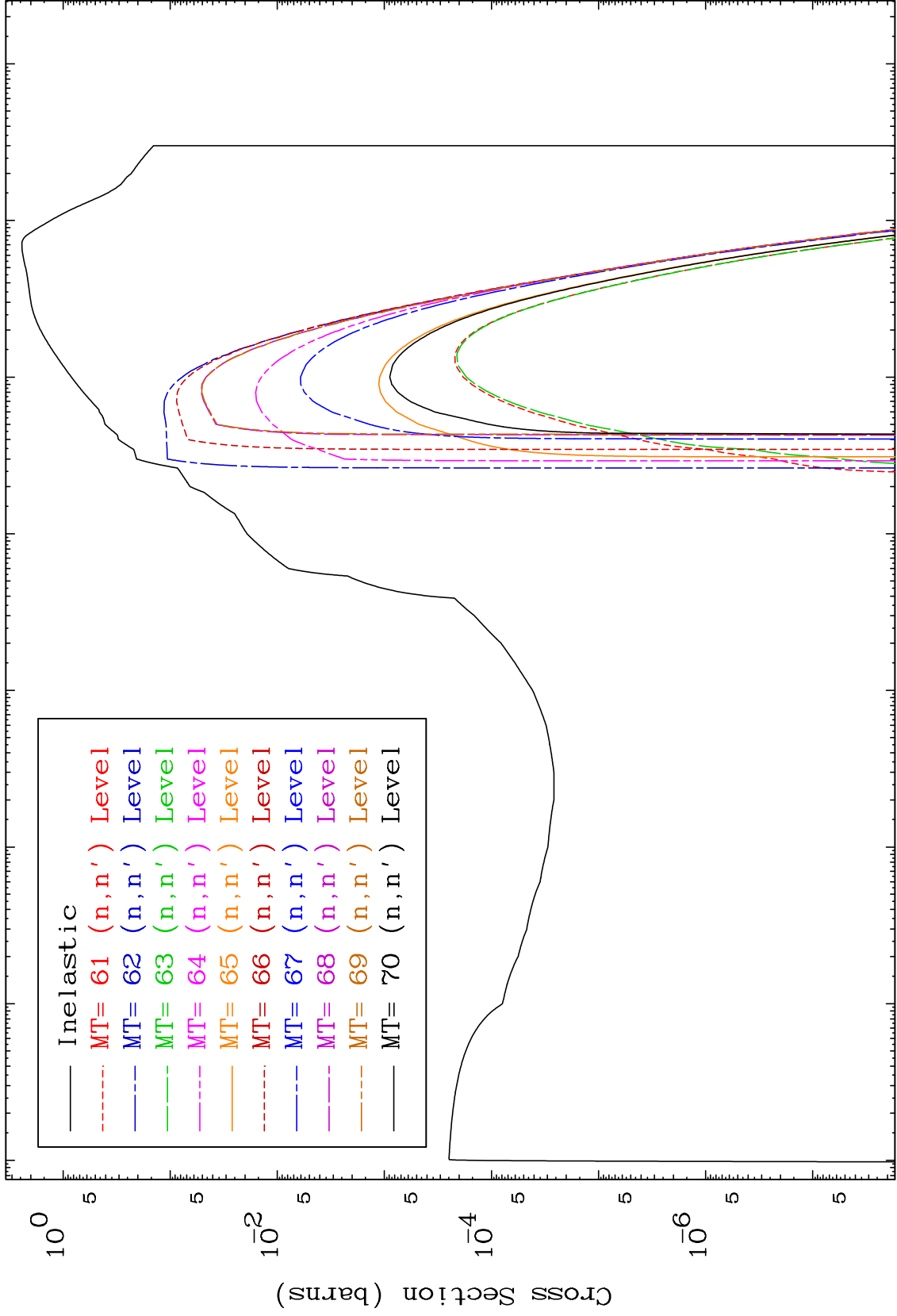
69-Tm-164m

MAT 6911

(n,n') Levels

69-Tm-164m

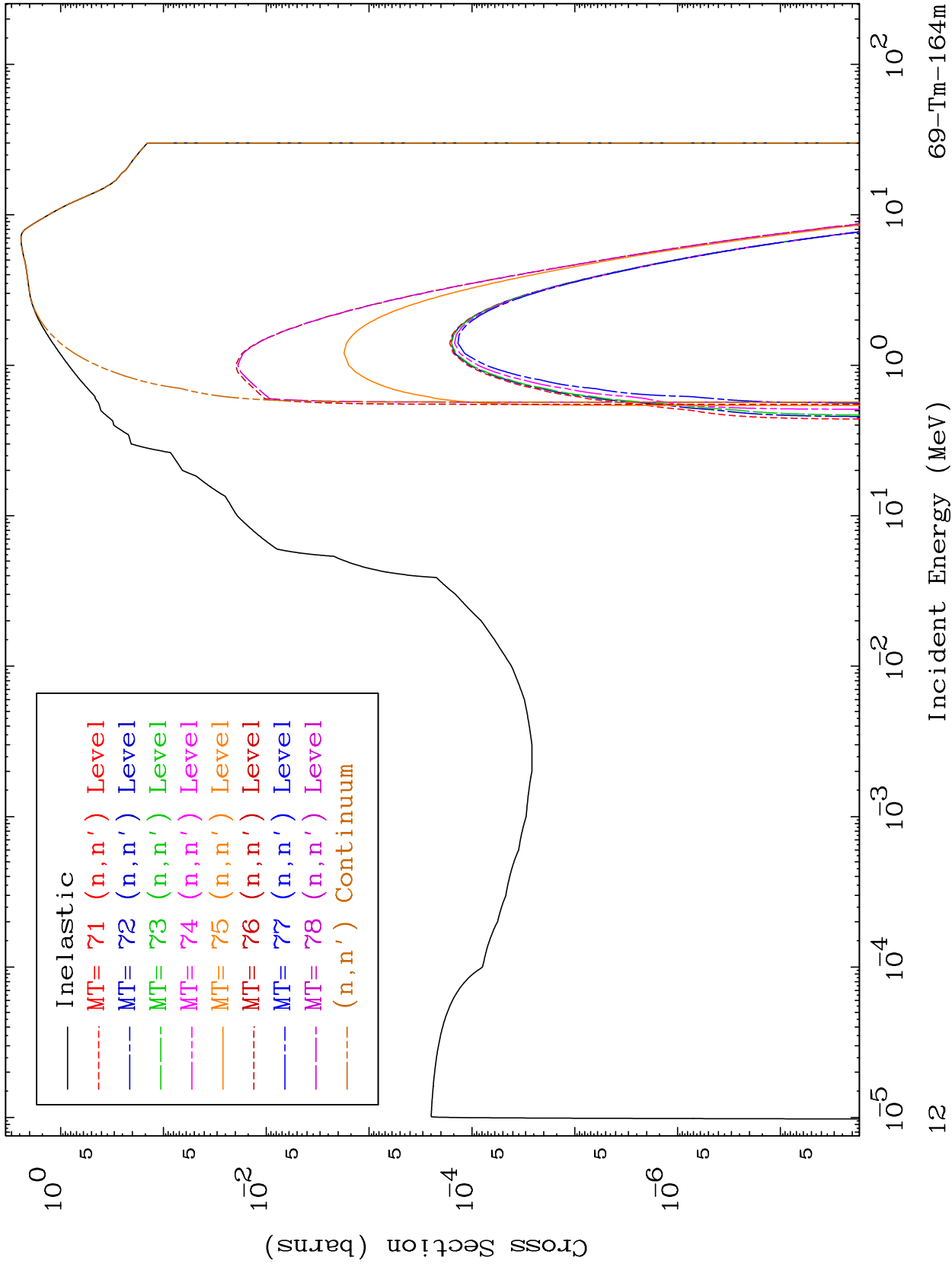
293 Kelvin Cross Sections



MAT 6911

(n,n') Levels
293 Kelvin Cross Sections

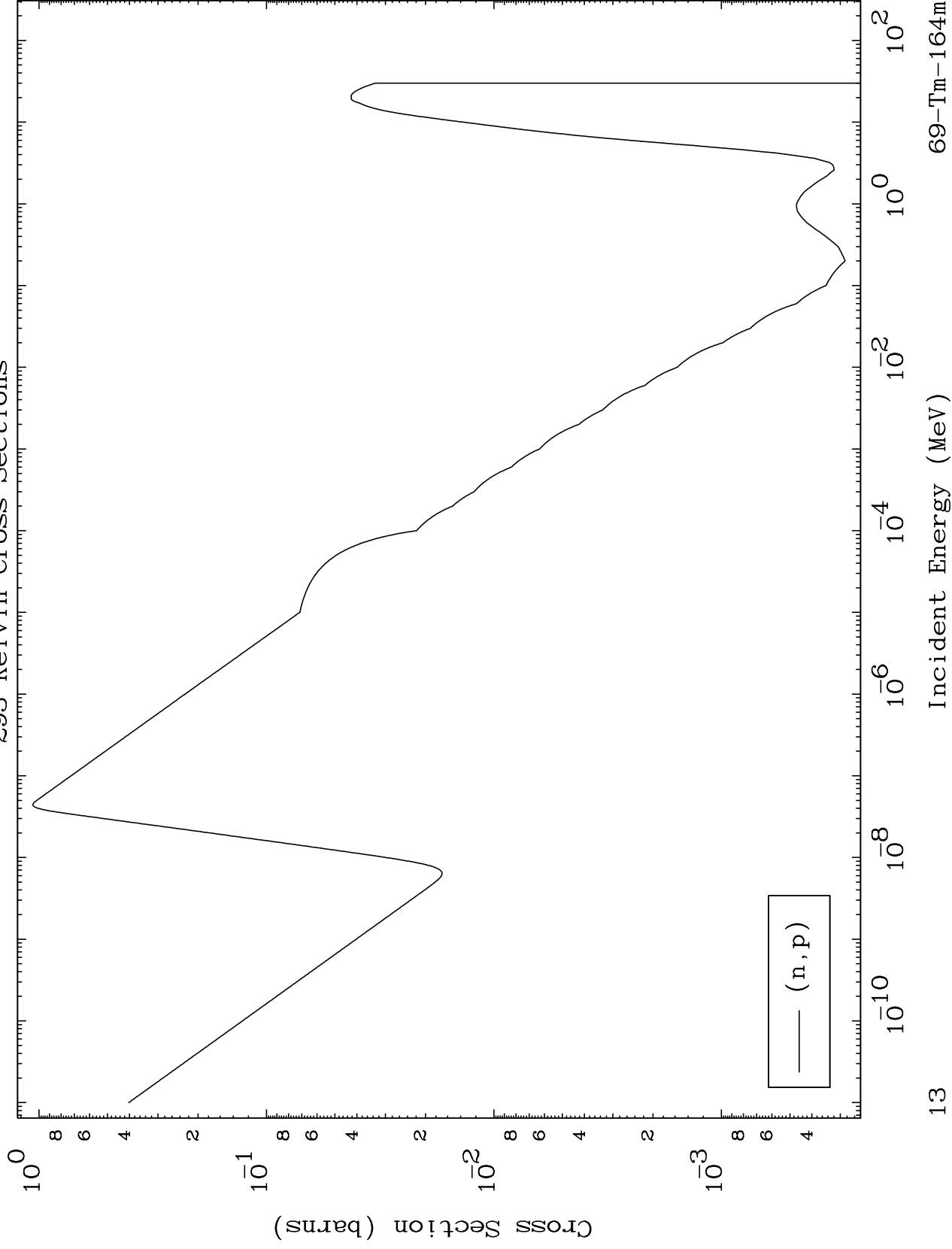
69-Tm-164m



MAT 6911

(n,p) Levels
293 Kelvin Cross Sections

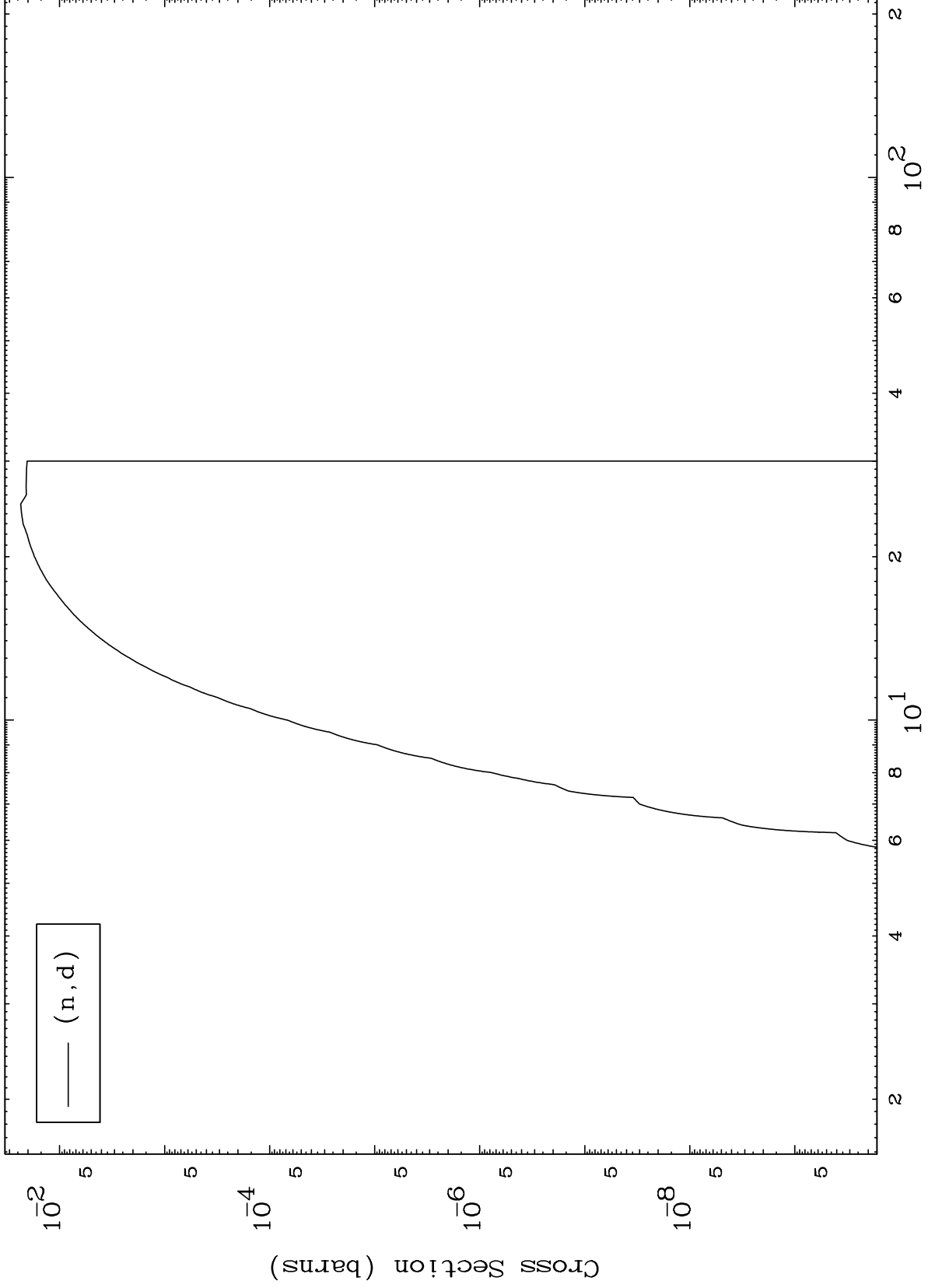
69-Tm-164m



MAT 6911

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-164m



14

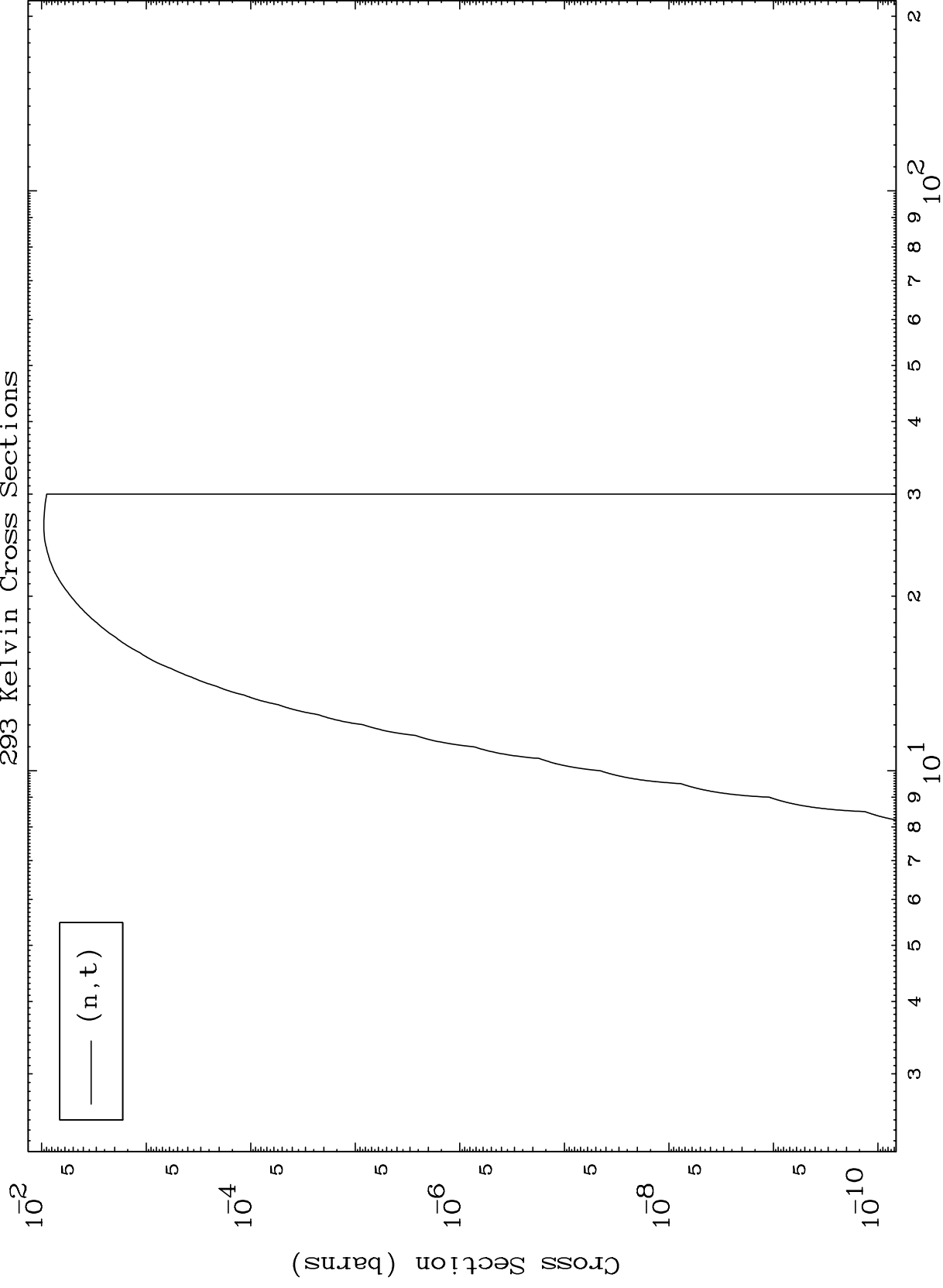
Incident Energy (MeV)

69-Tm-164m

MAT 6911

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-164m



15

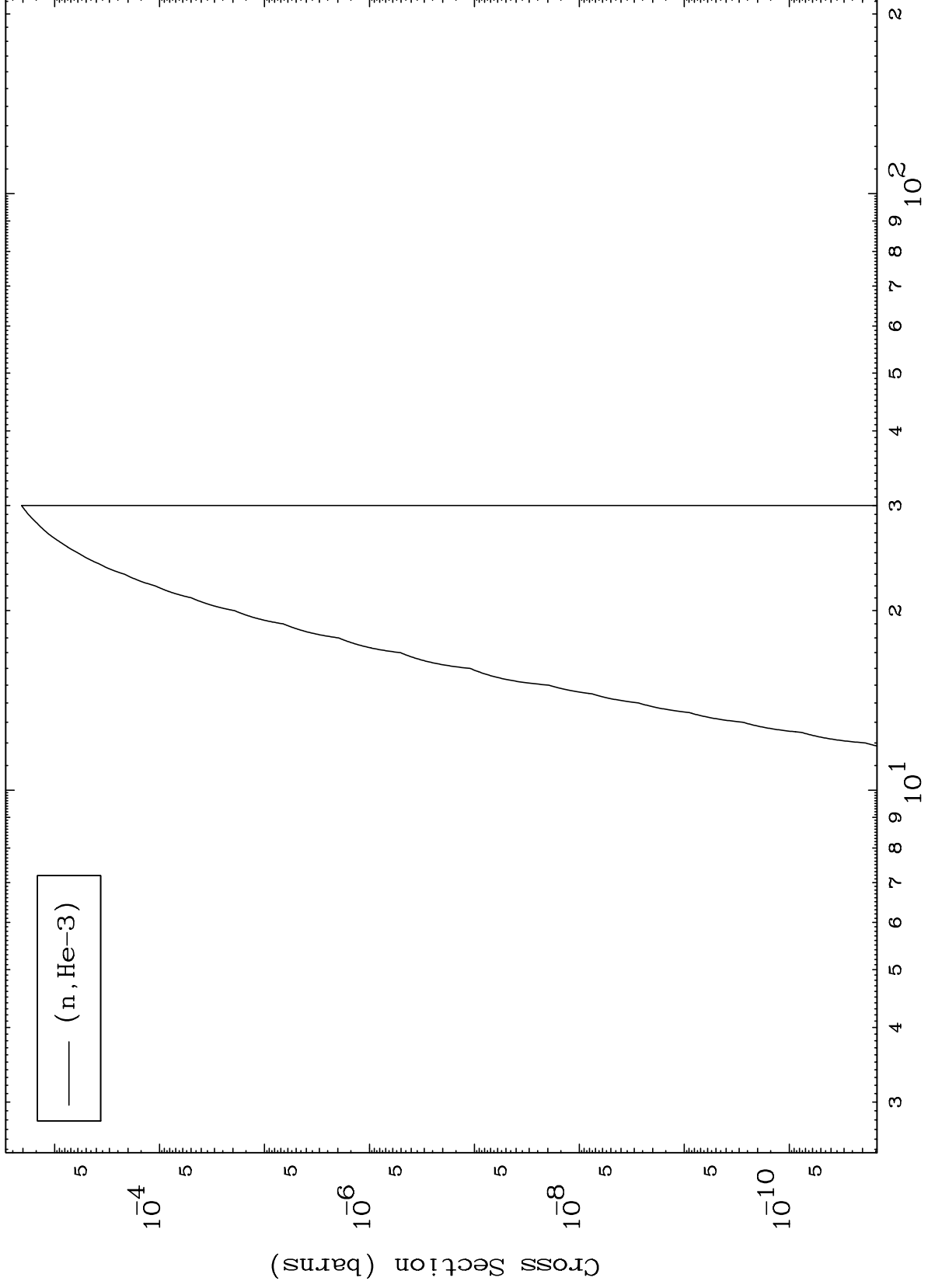
Incident Energy (MeV)

69-Tm-164m

MAT 6911

(n,He3) Levels
293 Kelvin Cross Sections

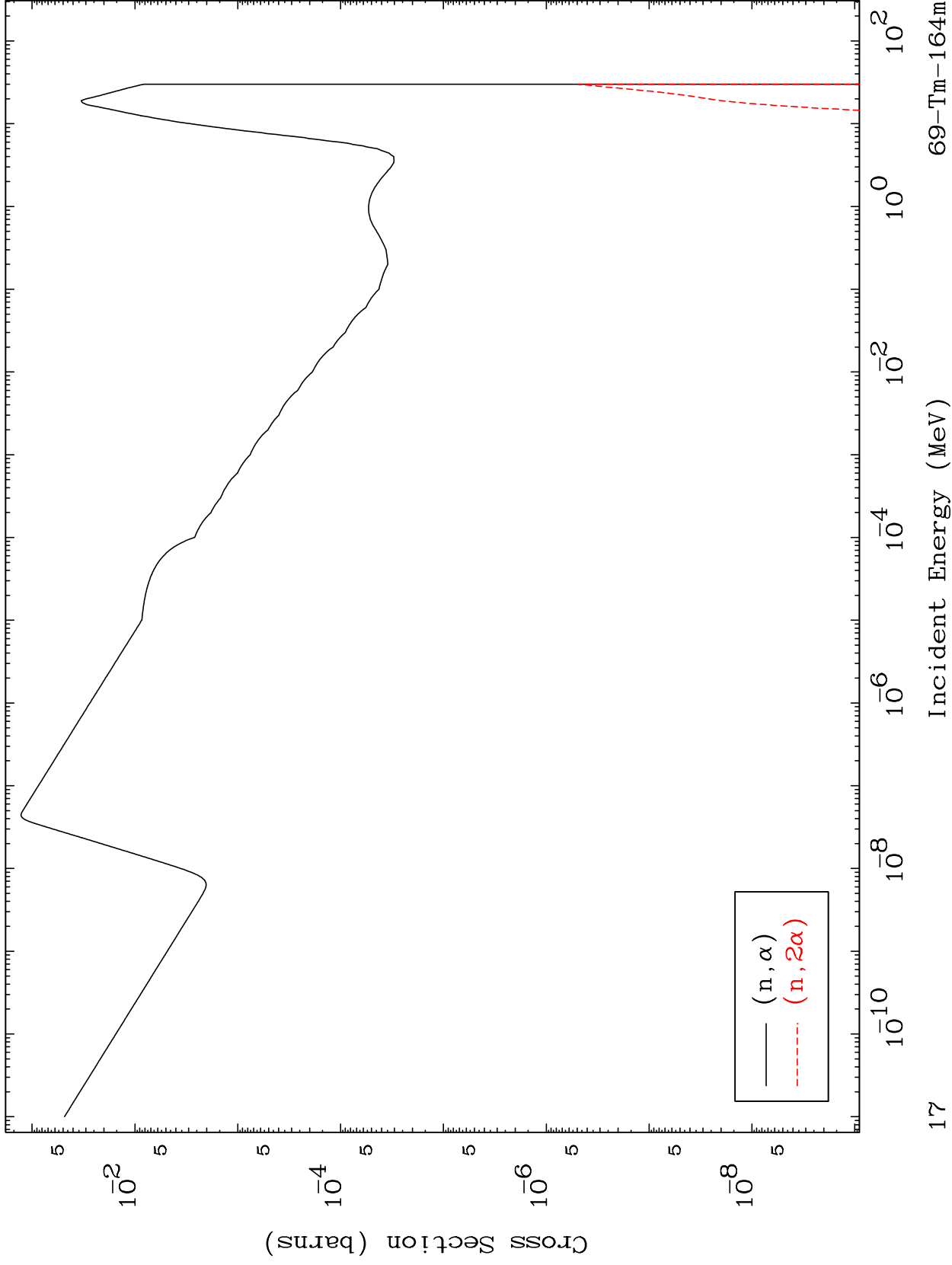
69-Tm-164m

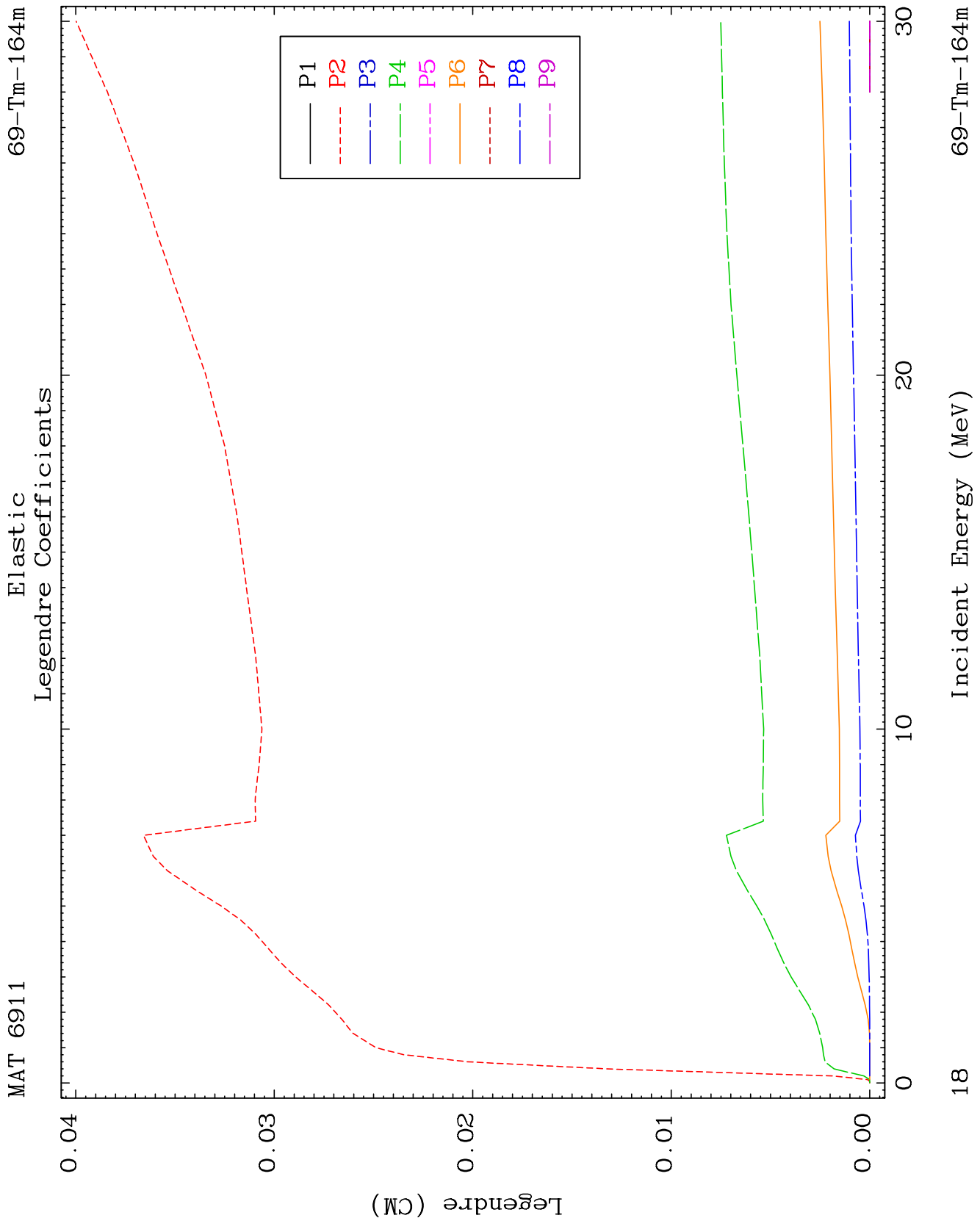


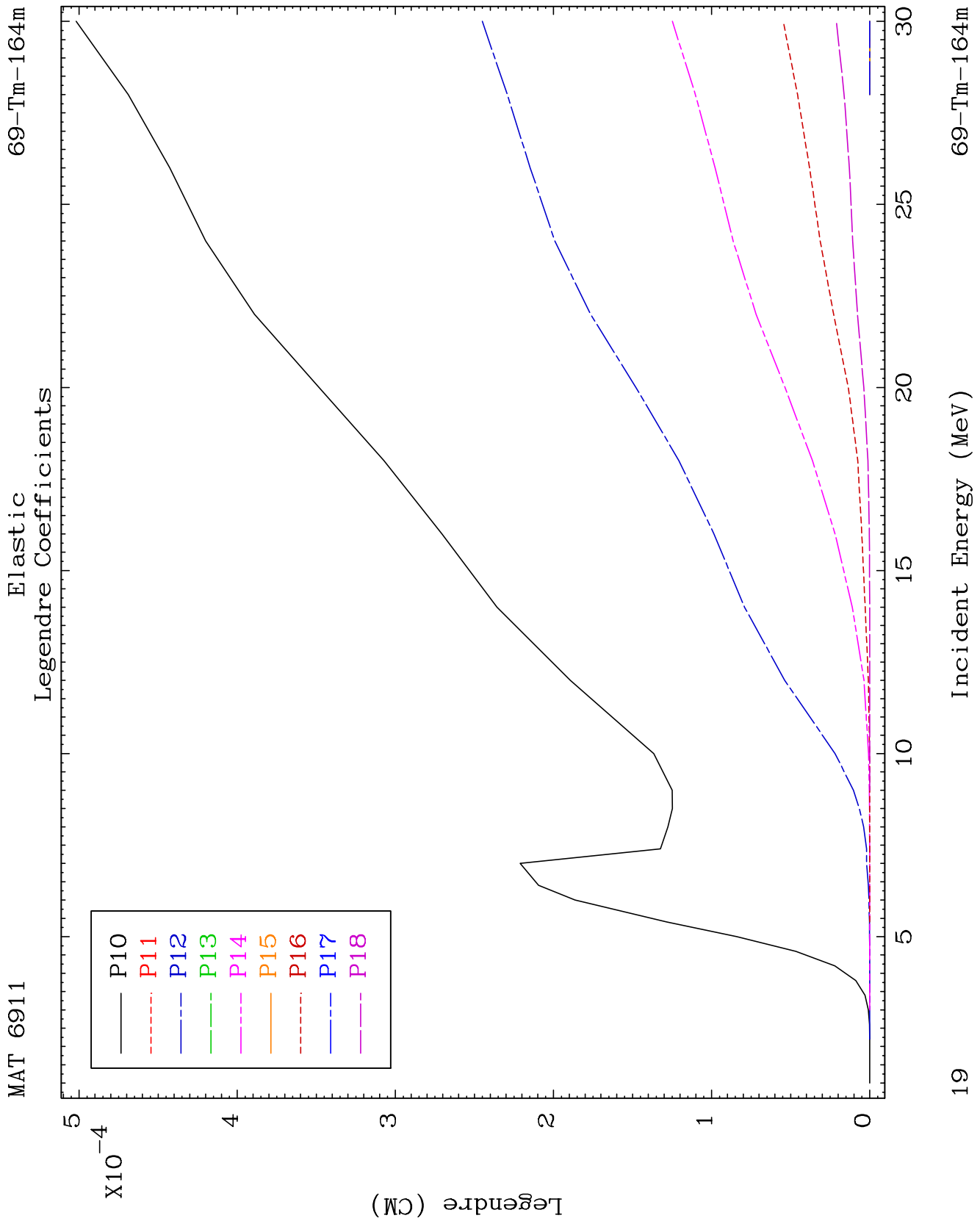
MAT 6911

(n, α) Levels
293 Kelvin Cross Sections

69-Tm-164m



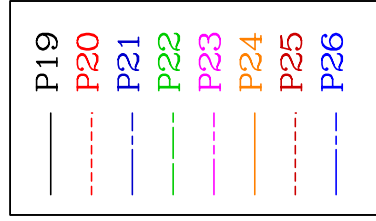




MAT 6911

Elastic
Legendre Coefficients

69-Tm-164m



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

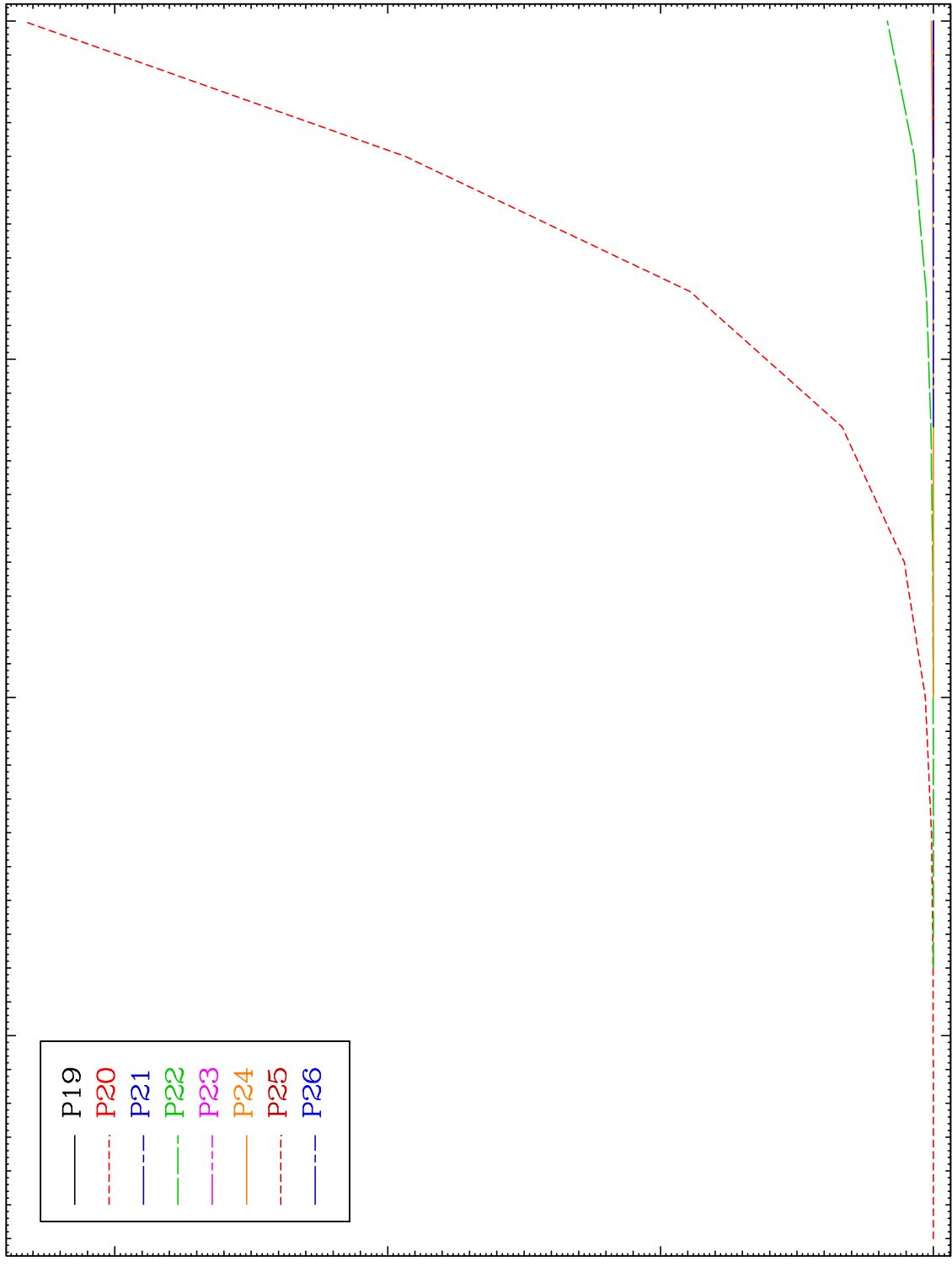
25

30

20

Incident Energy (MeV)

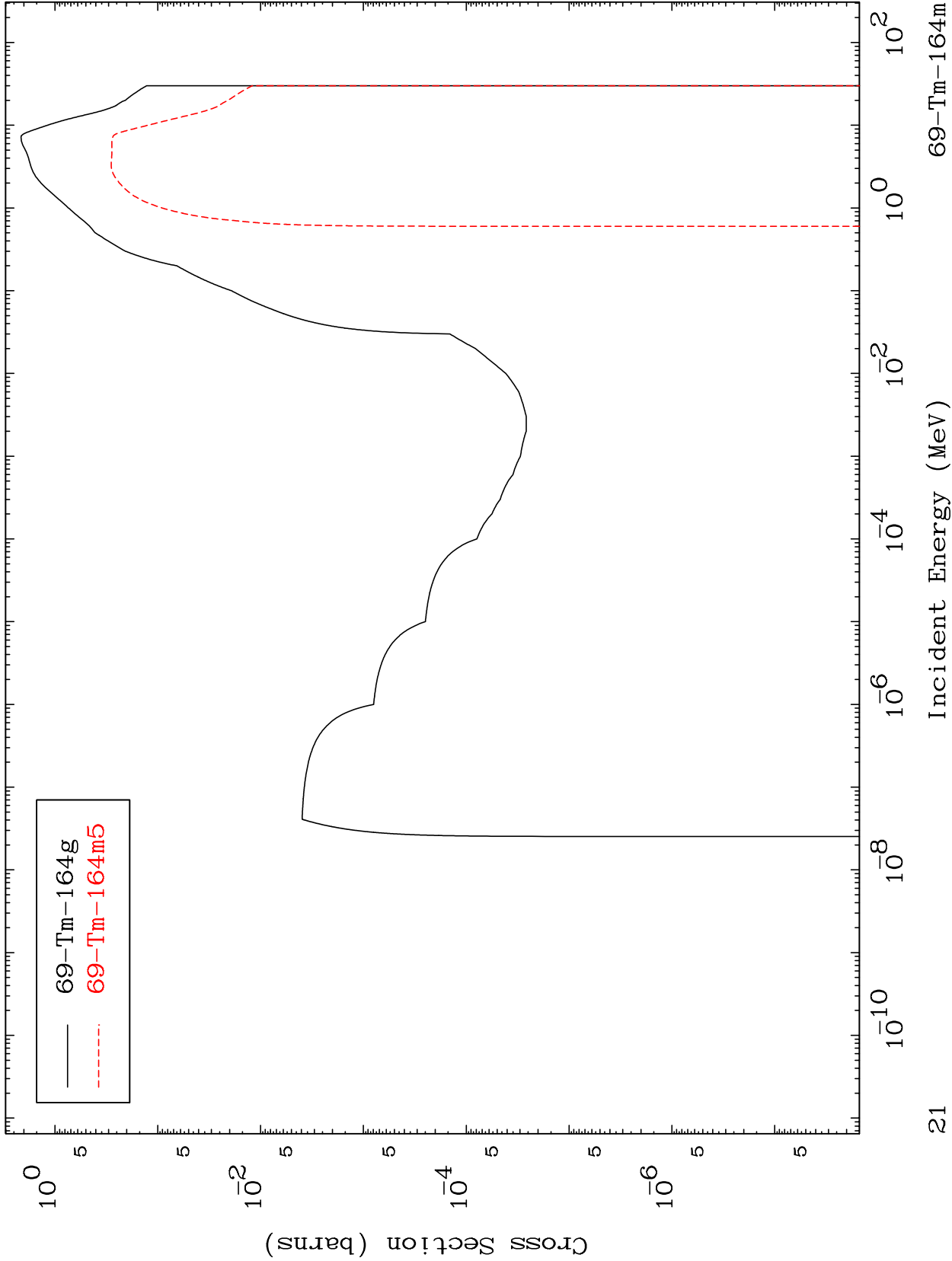
69-Tm-164m



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Inelastic
Radionuclide Production Cross Section

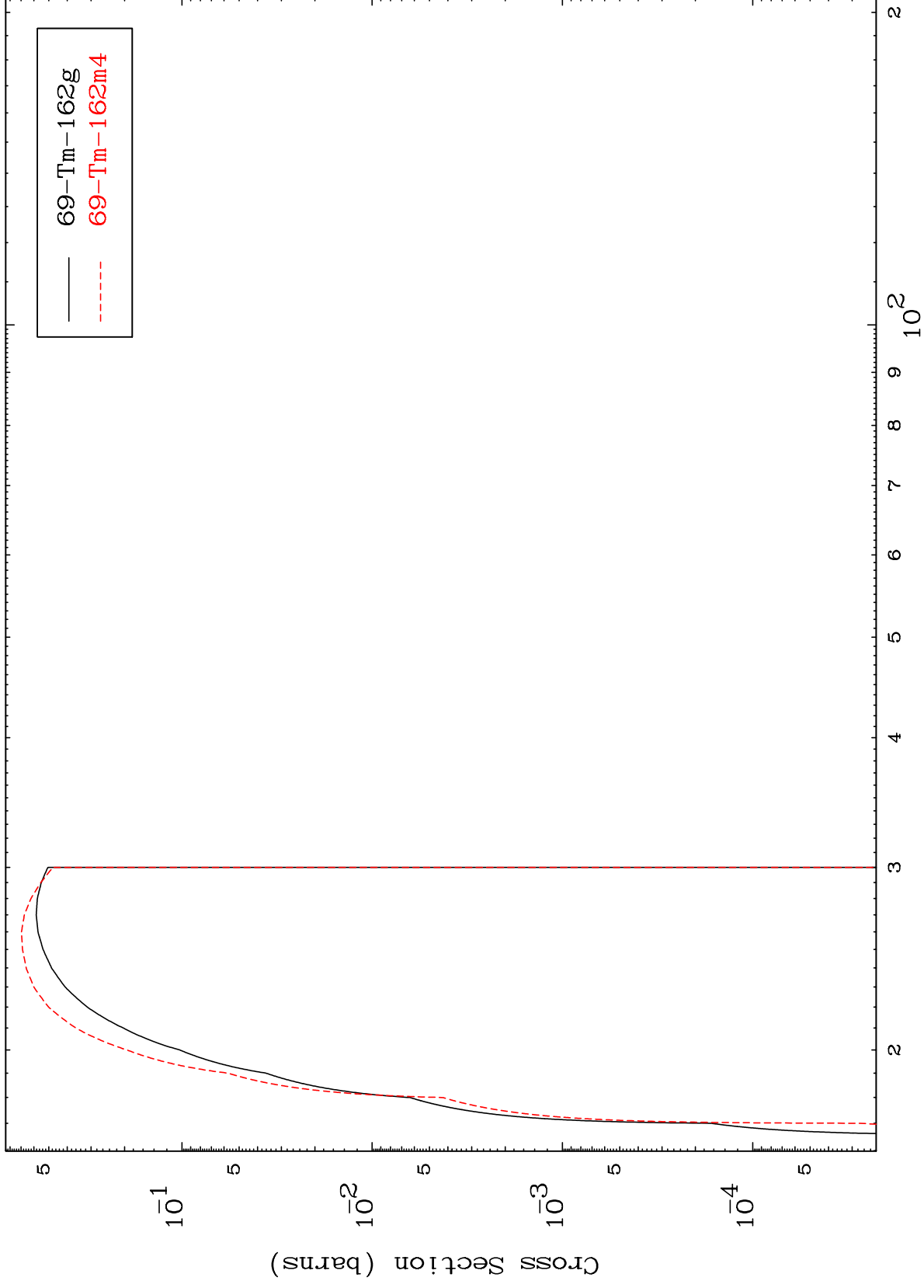
69-Tm-164m



MAT 6911

69-Tm-164m

(n,3n)
Radionuclide Production Cross Section



69-Tm-164m

Incident Energy (MeV)

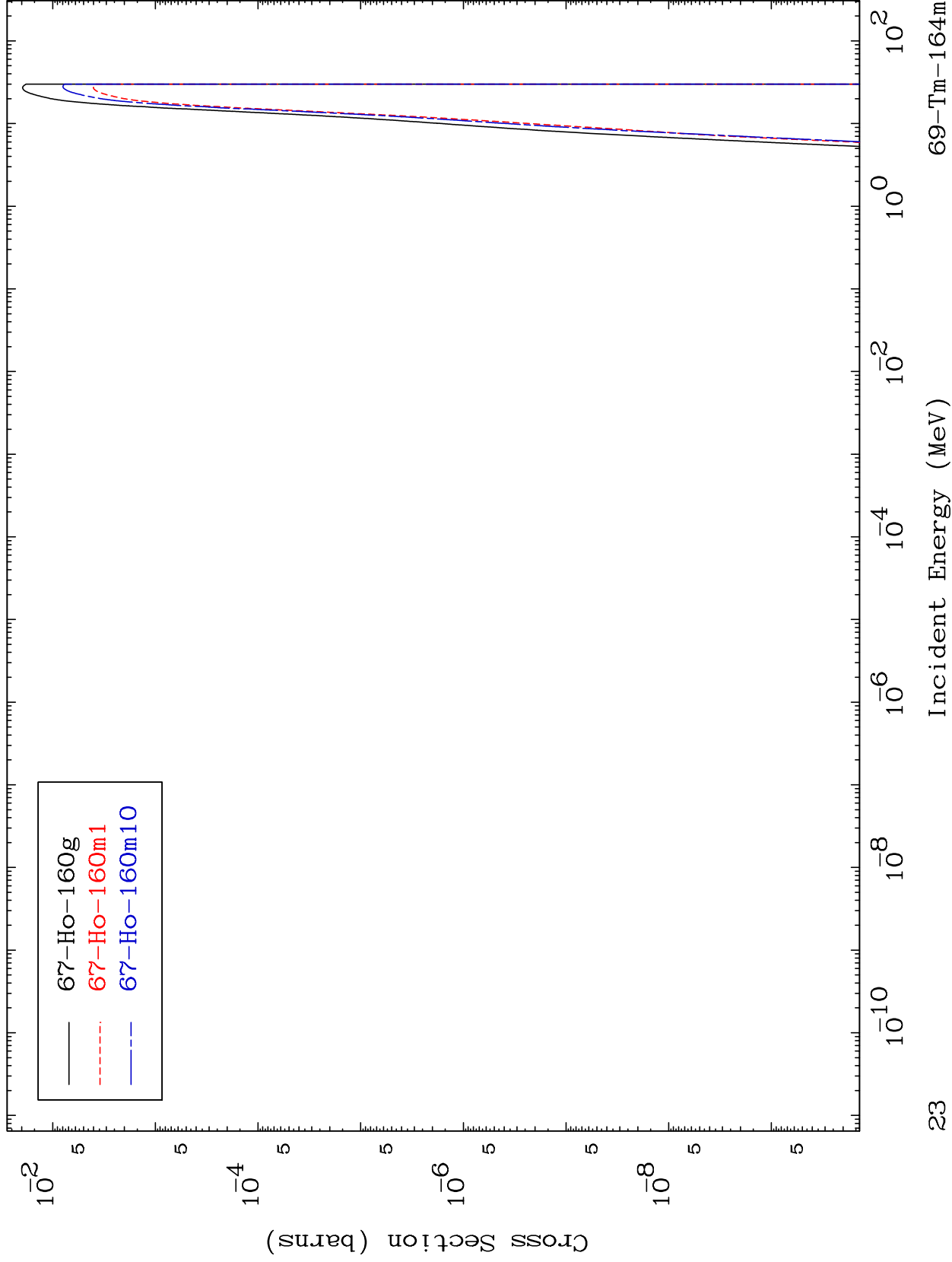
22

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$(n, n') \alpha$

69-Tm-164m

Radionuclide Production Cross Section

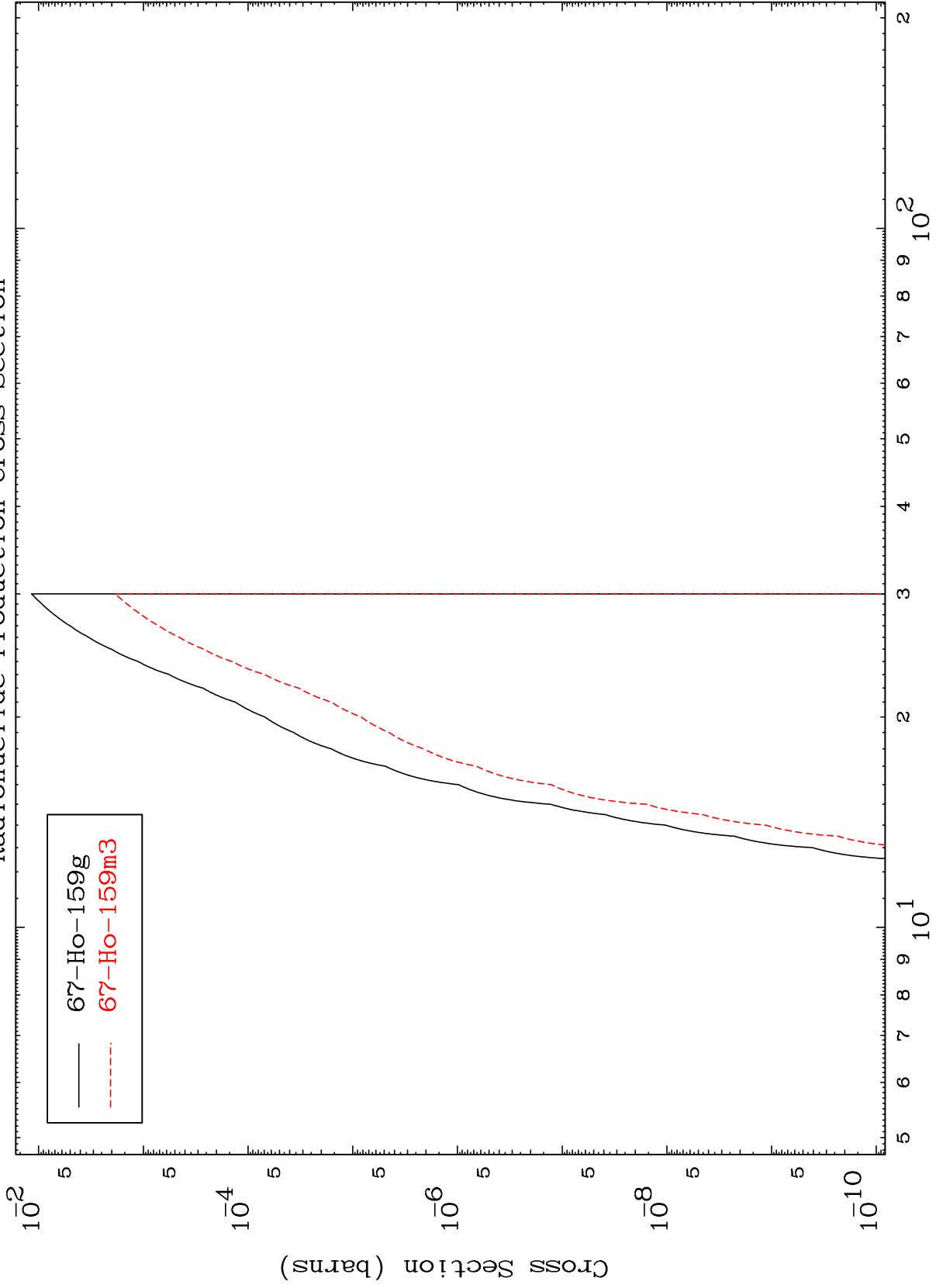


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(n,2n) α

69-Tm-164m

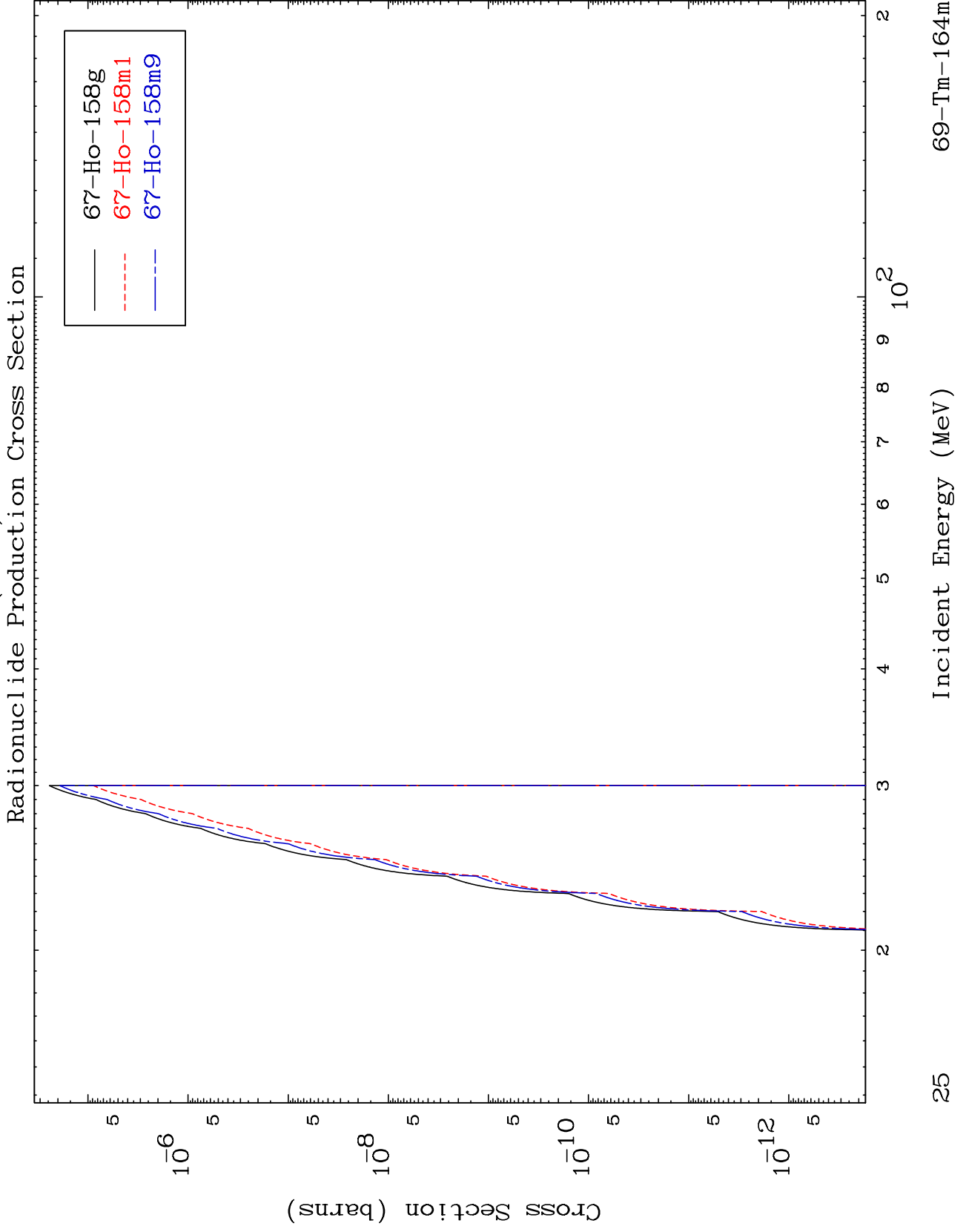
Radionuclide Production Cross Section



24

Incident Energy (MeV)

69-Tm-164m

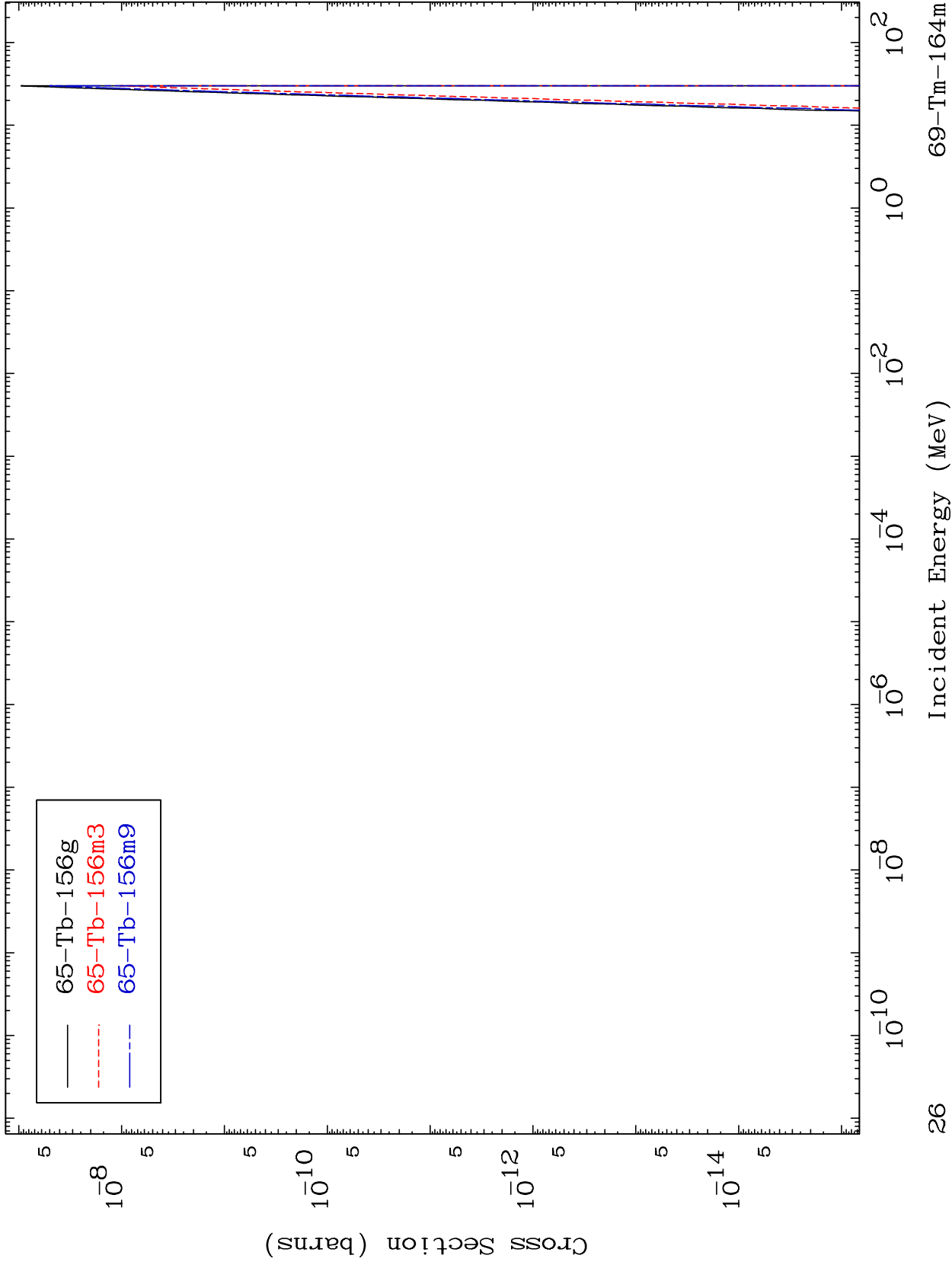


MAT 6911

(n,n') 2α

69-Tm-164m

Radionuclide Production Cross Section

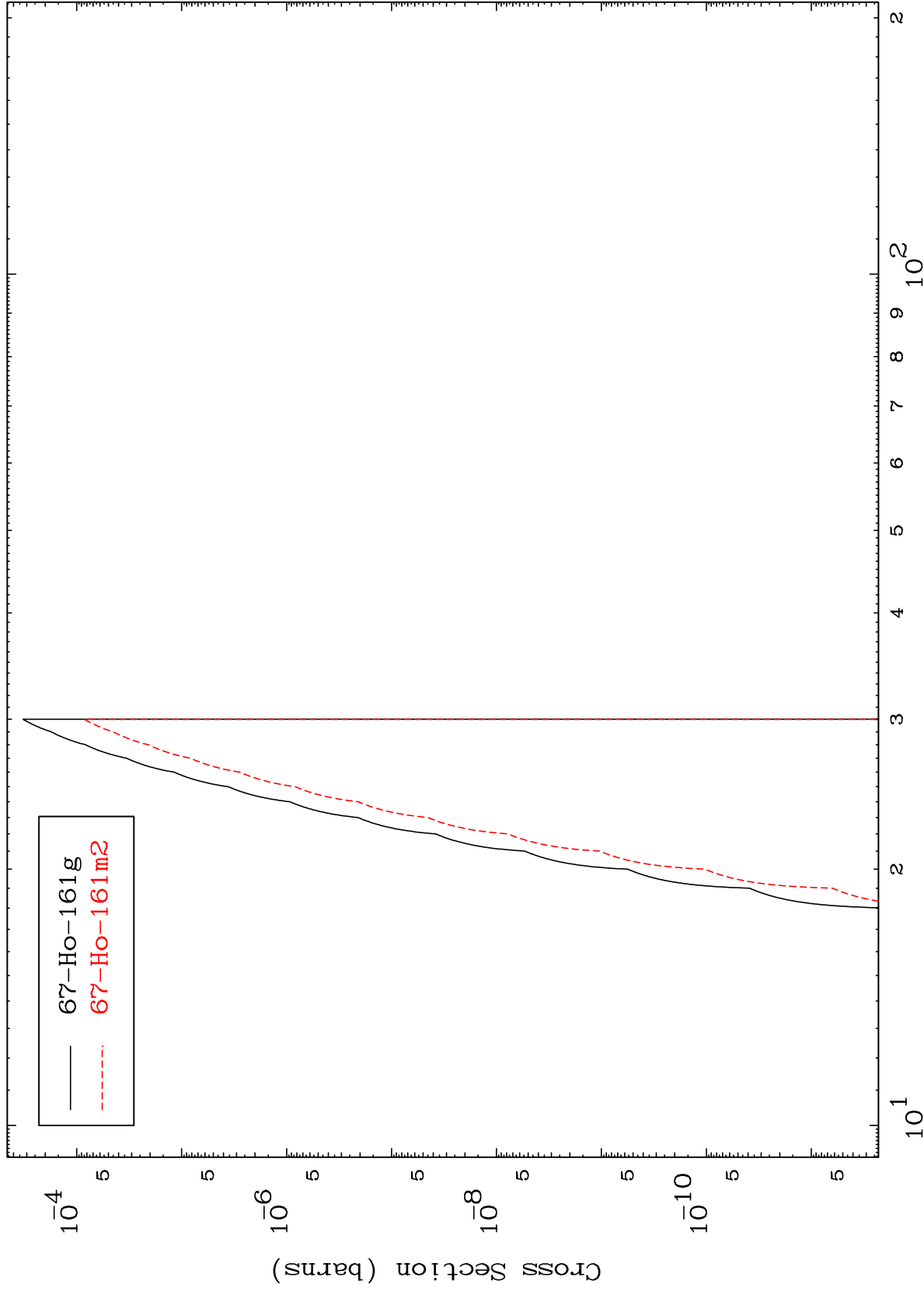


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(n,n') He-3

69-Tm-164m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

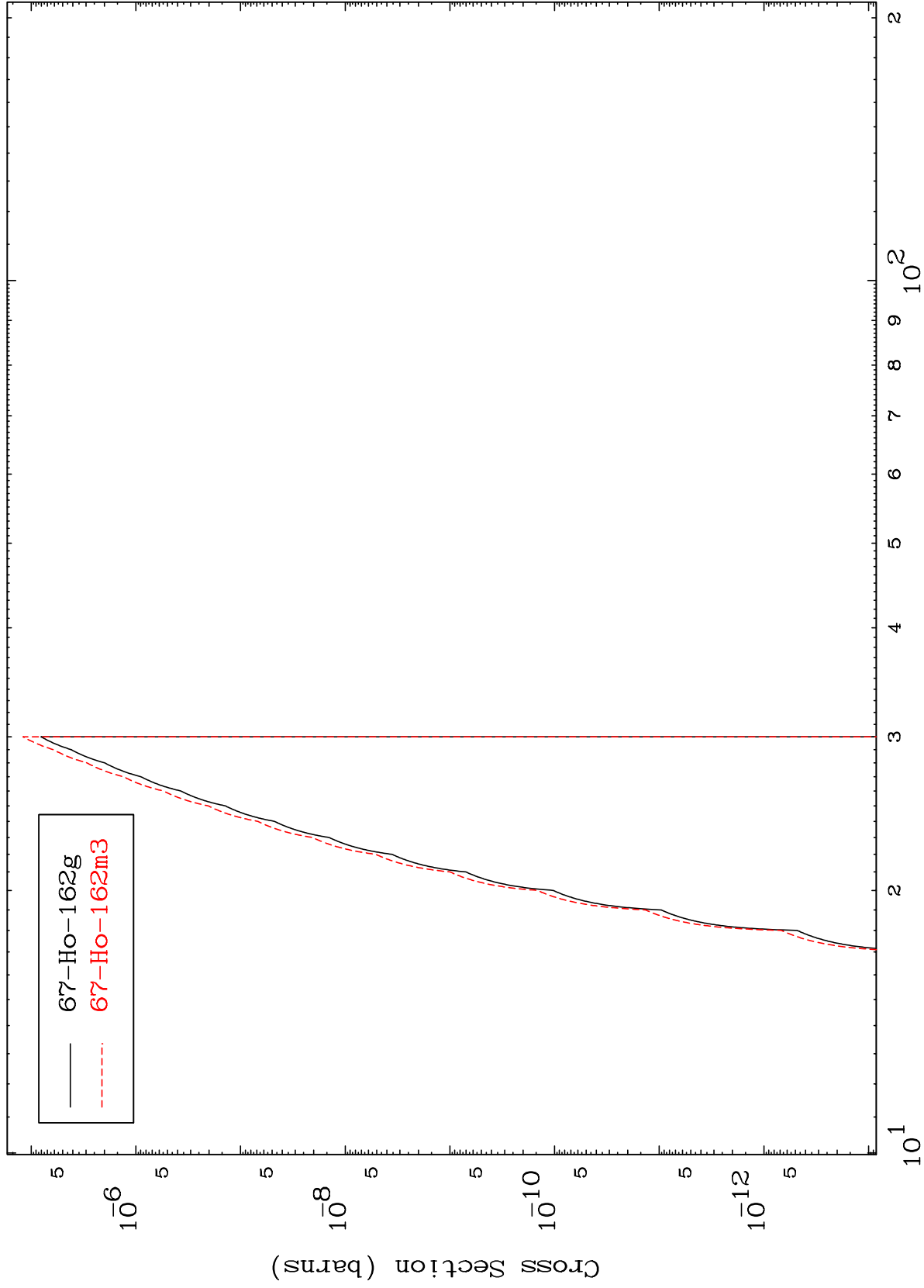
69-Tm-164m

MAT 6911

(n,2n) p

69-Tm-164m

Radionuclide Production Cross Section



Incident Energy (MeV)

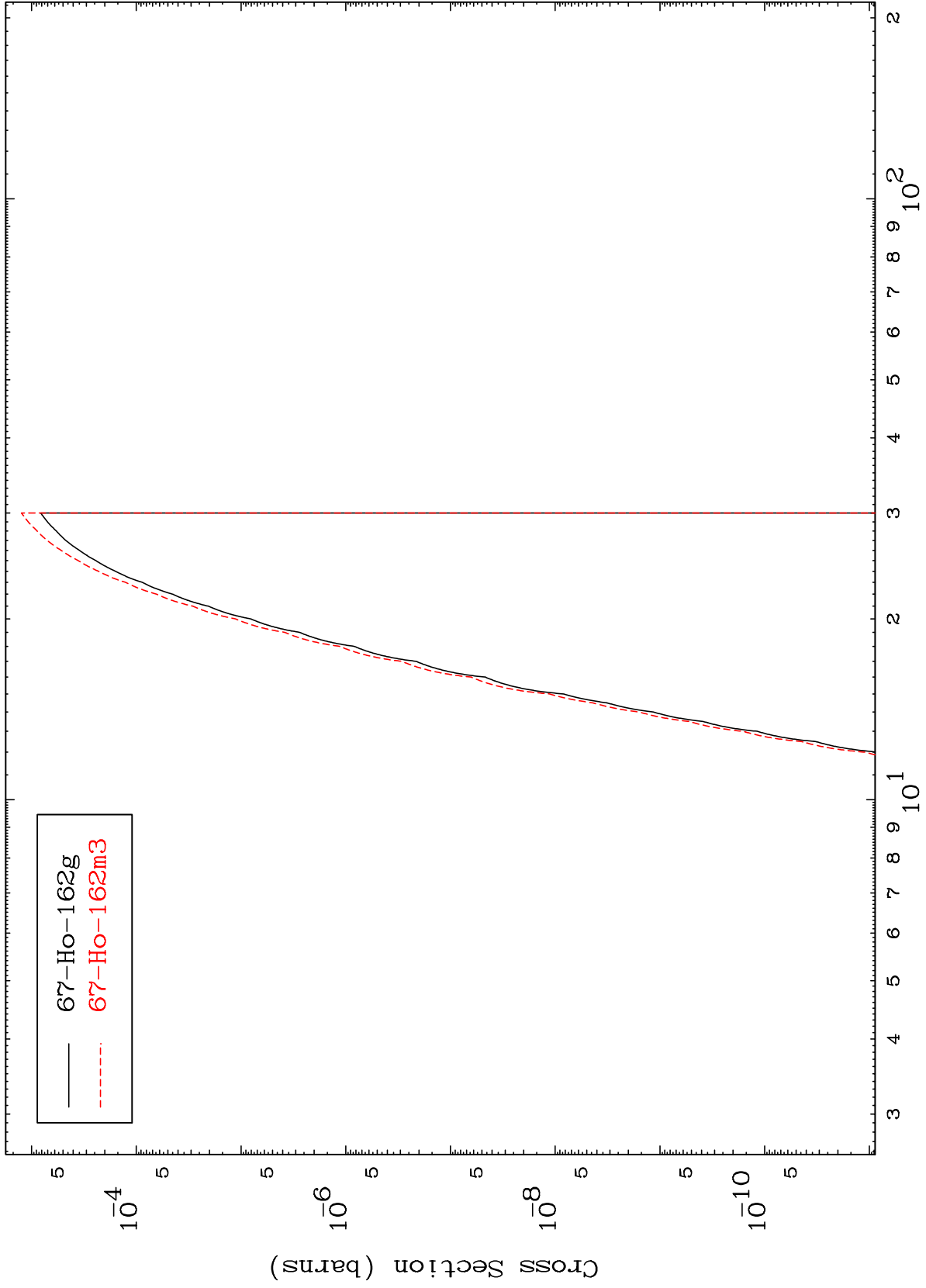
69-Tm-164m

28

MAT 6911

69-Tm-164m

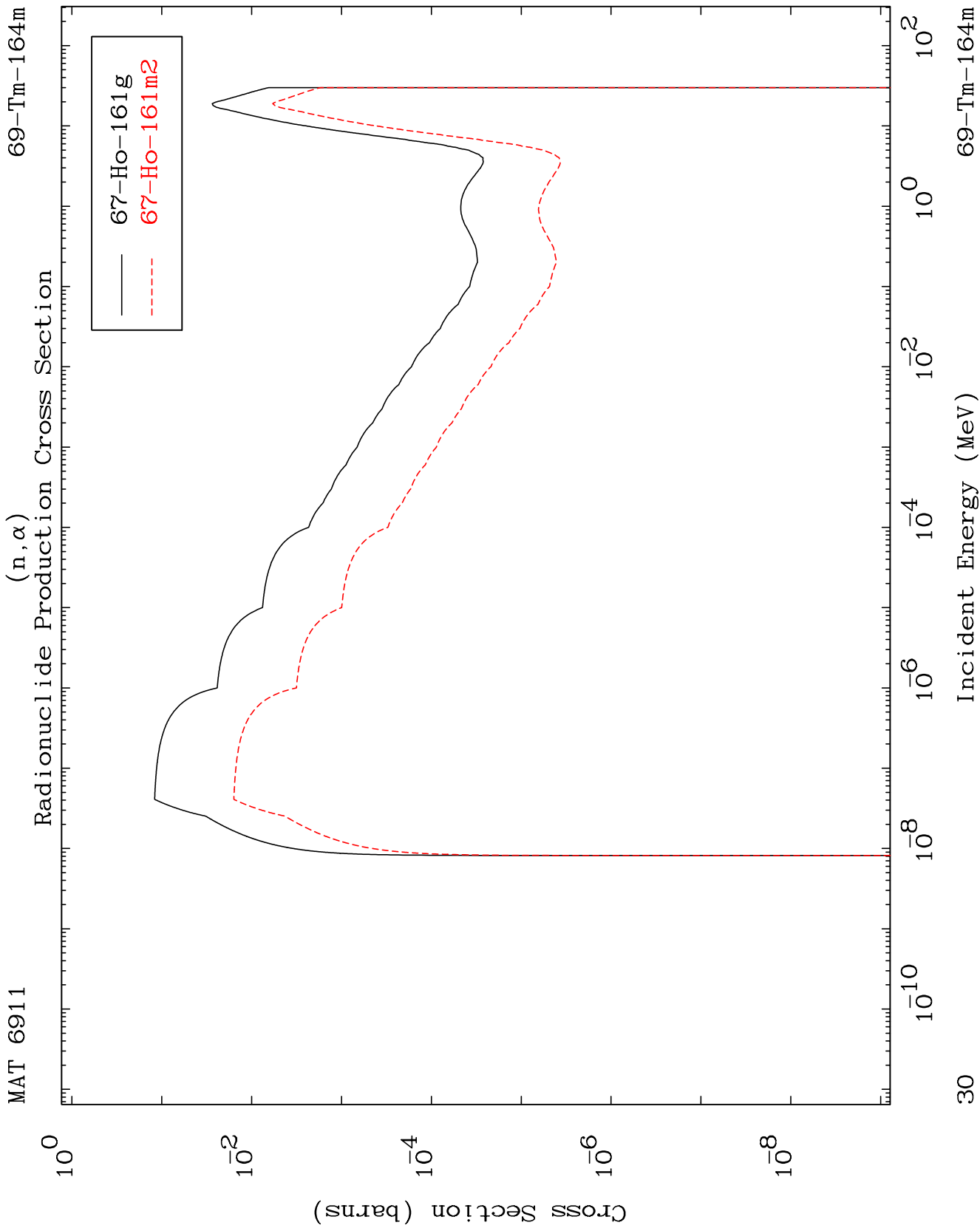
(n,He-3)
Radionuclide Production Cross Section



29

69-Tm-164m

Incident Energy (MeV)

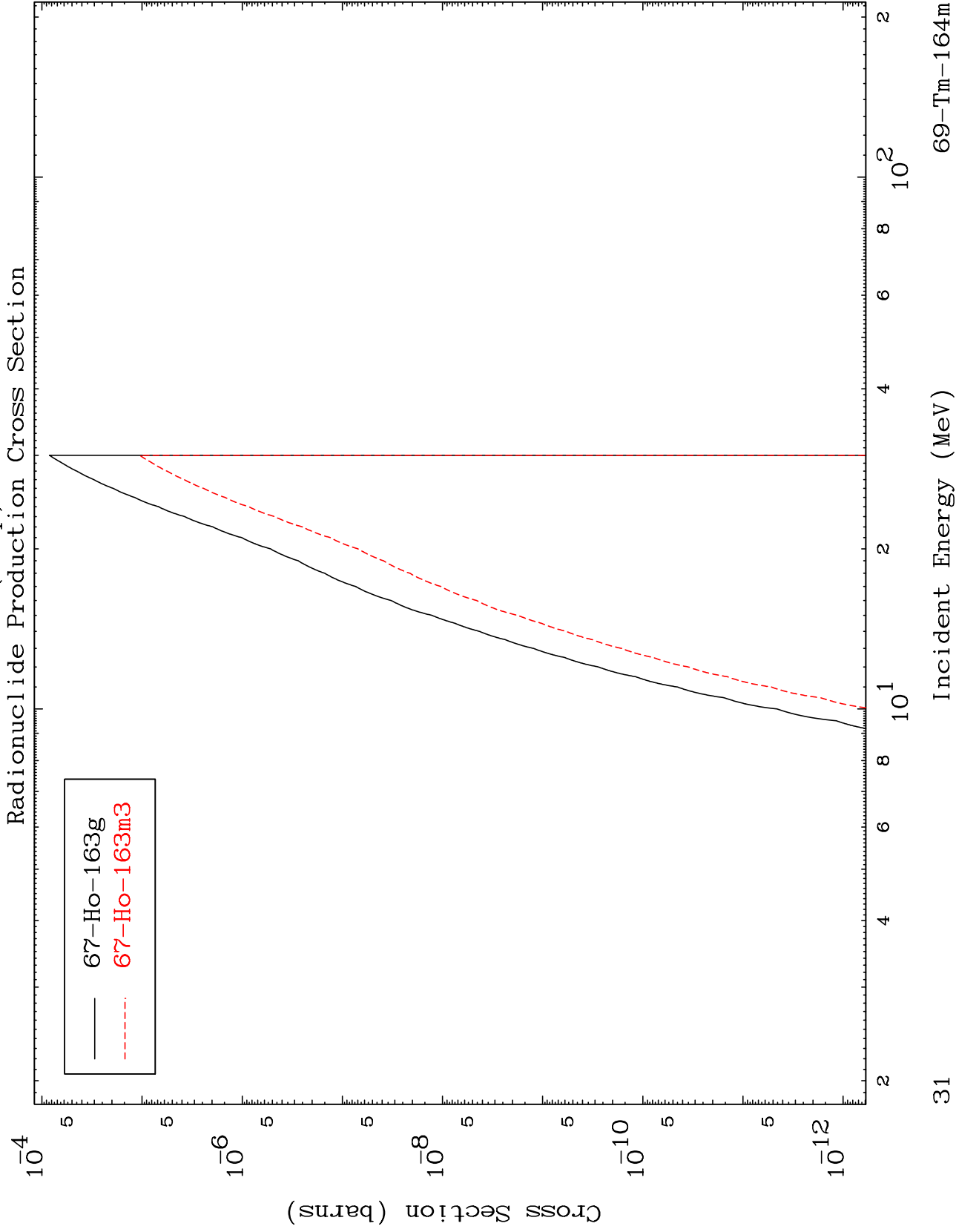


MAT 6911

(n,2p)

69-Tm-164m

Radionuclide Production Cross Section



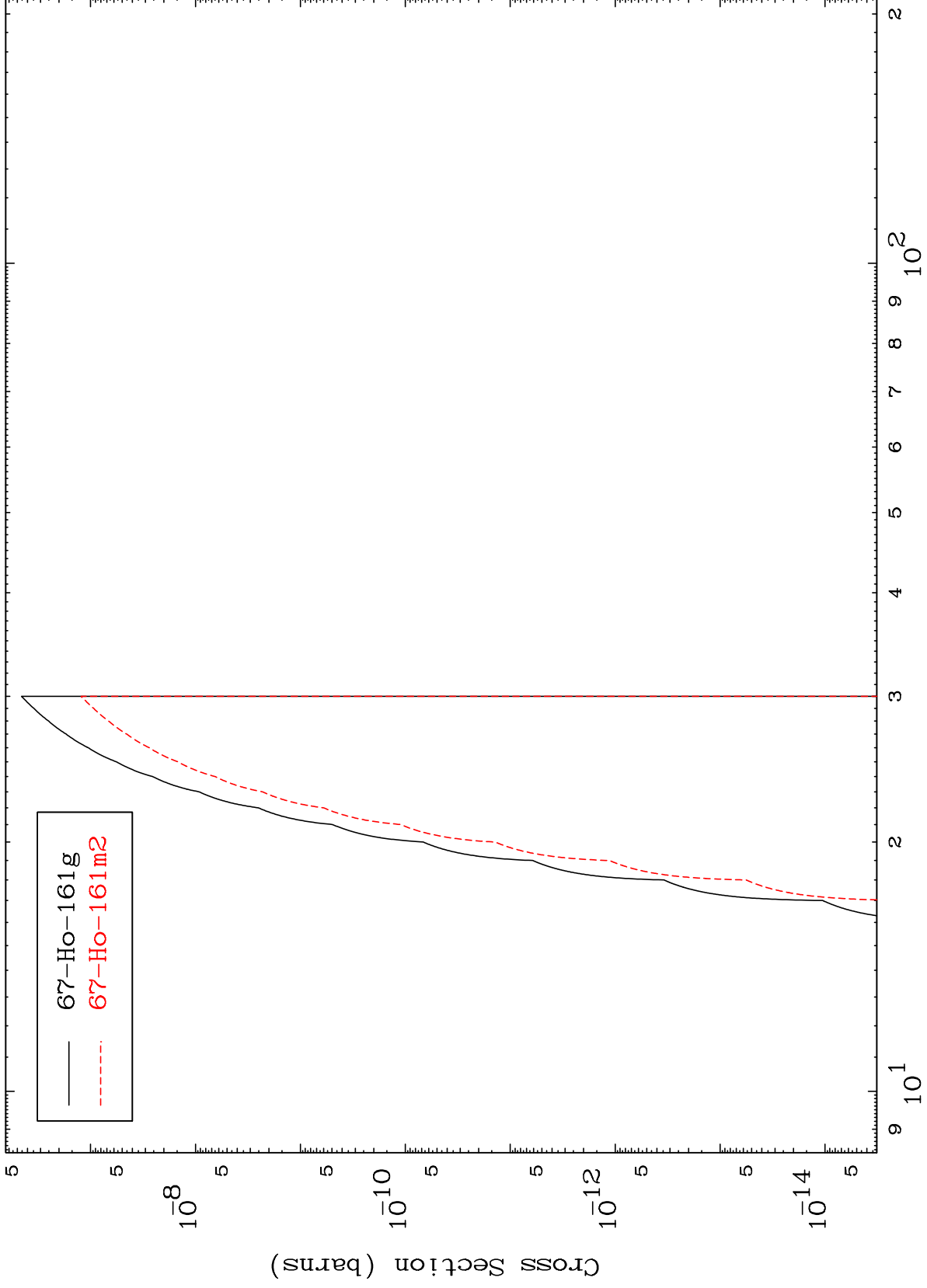
67-Ho-163g
67-Ho-163m3

MAT 6911

(n,p) t

69-Tm-164m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

69-Tm-164m