

Program EVALPLOT
(Version 2021-1)

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

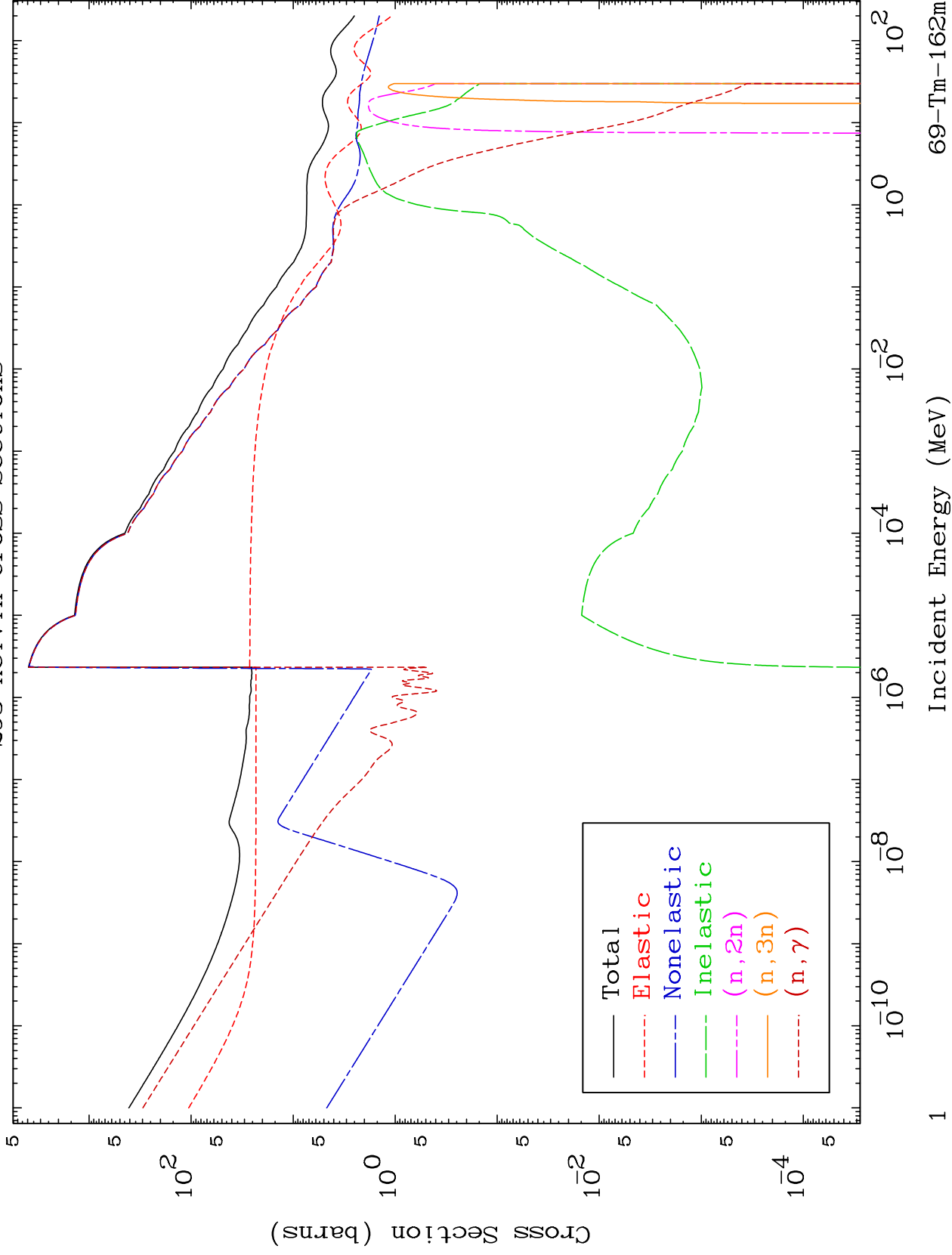
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6905

Neutron Major
293 Kelvin Cross Sections

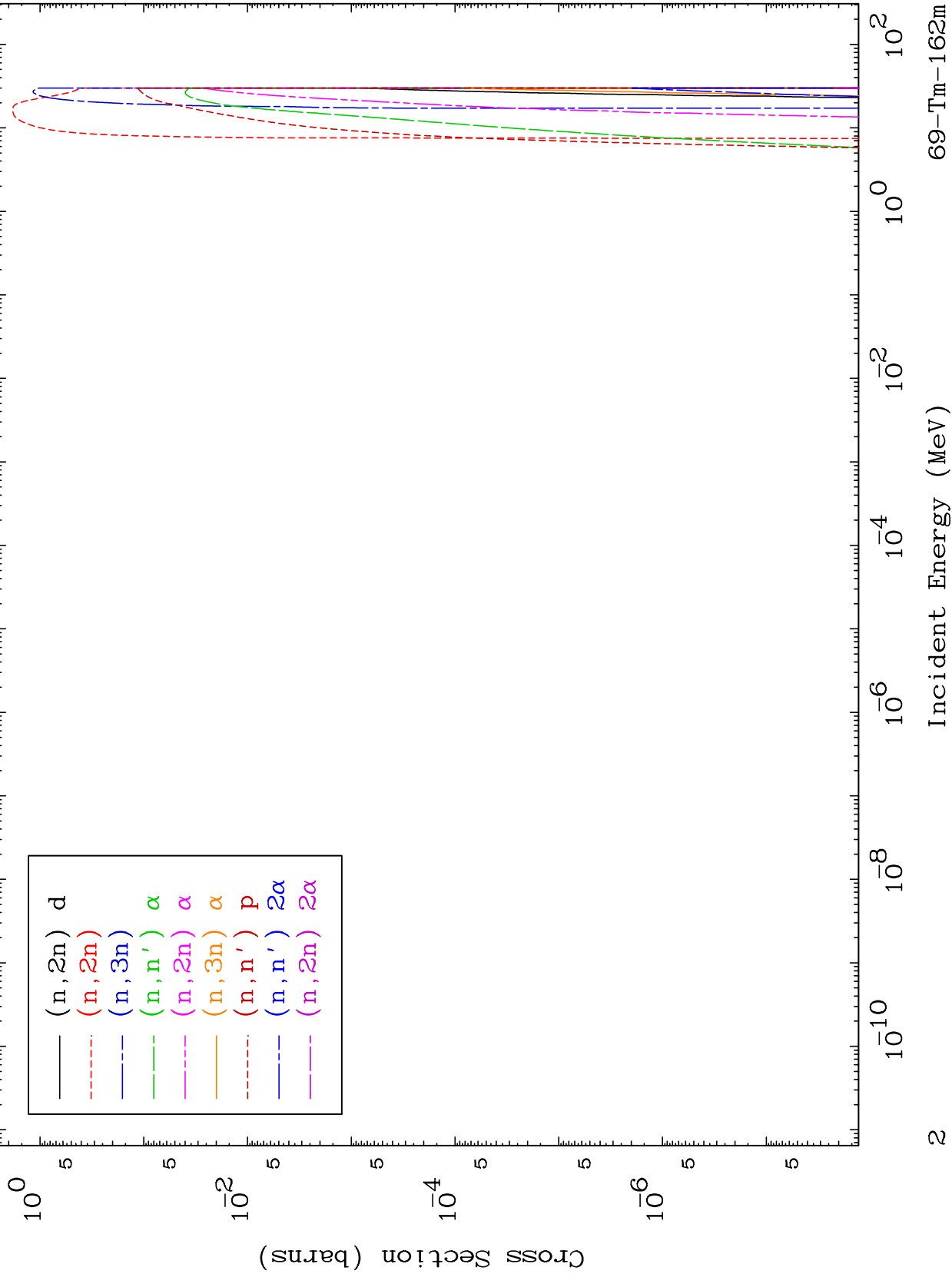
69-Tm-162m



MAT 6905

Neutron Absorption
293 Kelvin Cross Sections

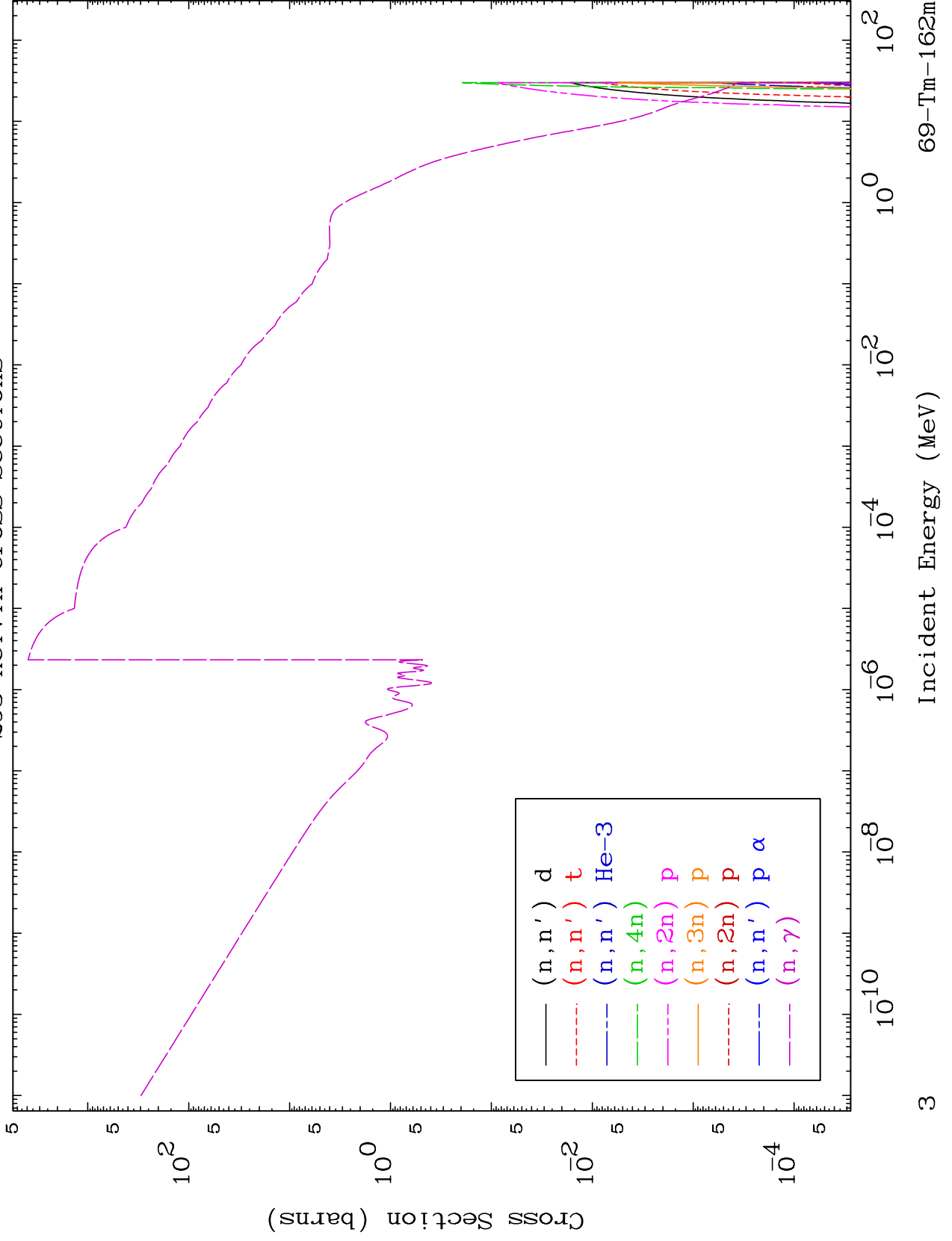
69-Tm-162m



MAT 6905

Neutron Absorption
293 Kelvin Cross Sections

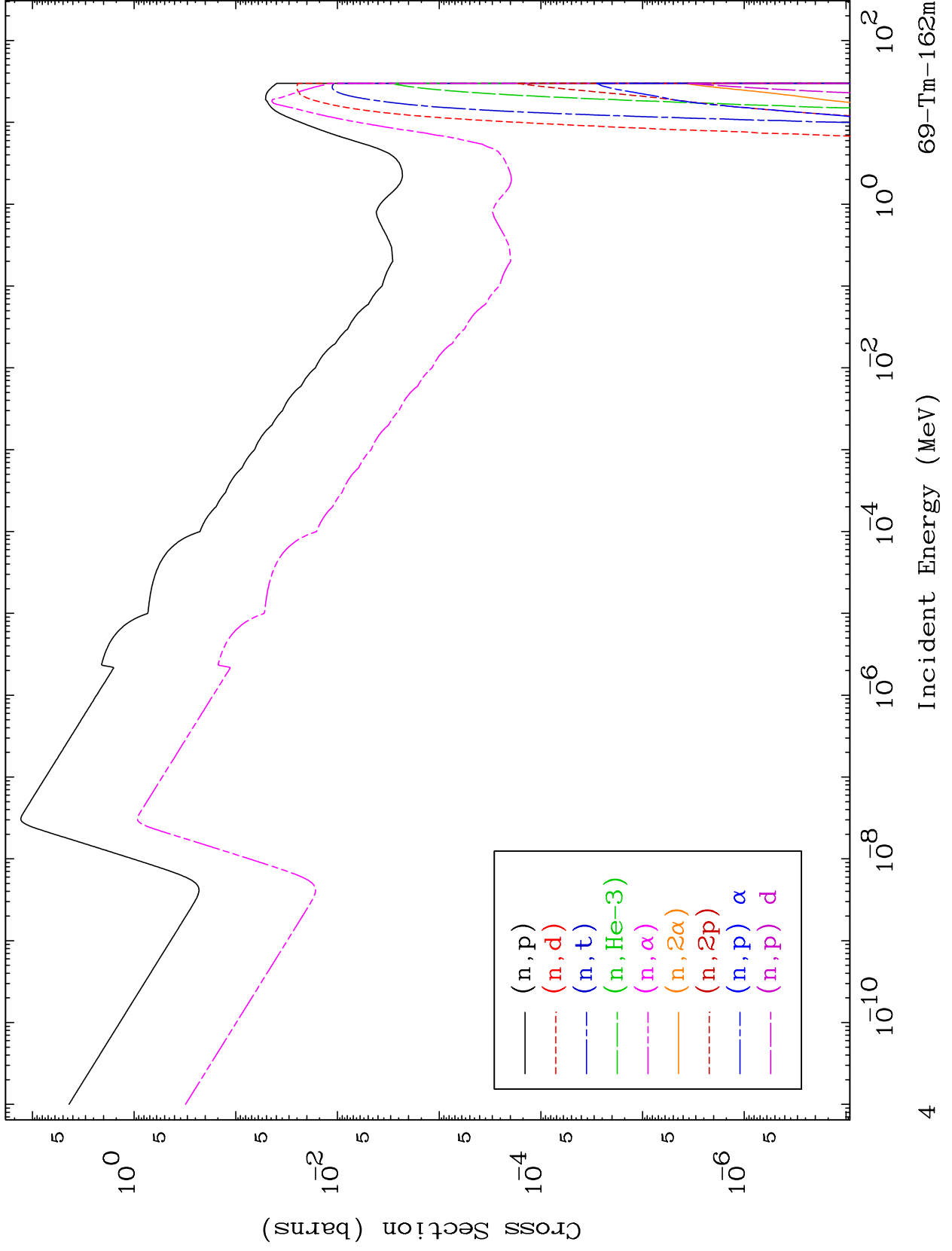
69-Tm-162m



MAT 6905

Neutron Absorption
293 Kelvin Cross Sections

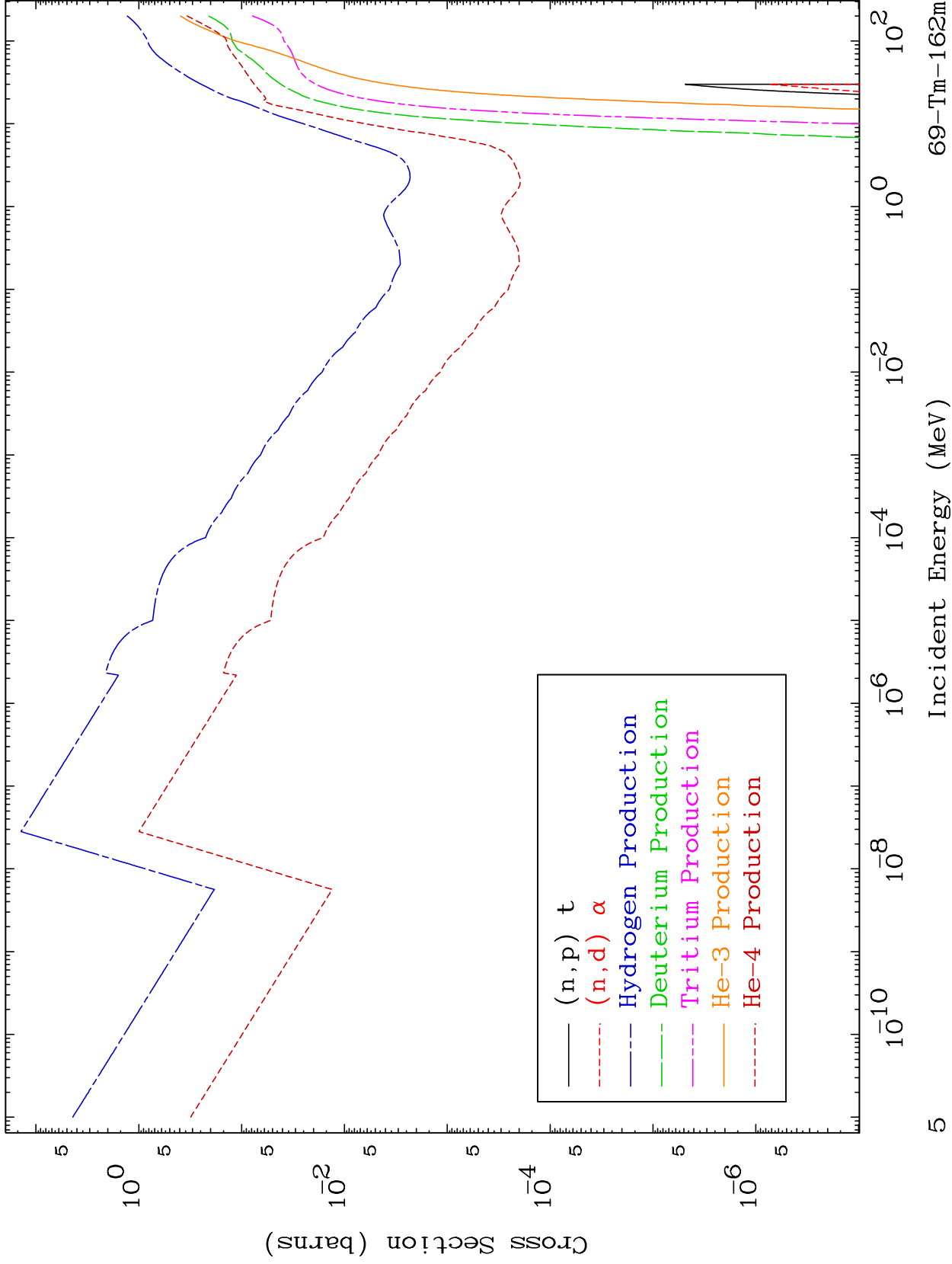
69-Tm-162m



MAT 6905

Neutron Absorption
293 Kelvin Cross Sections

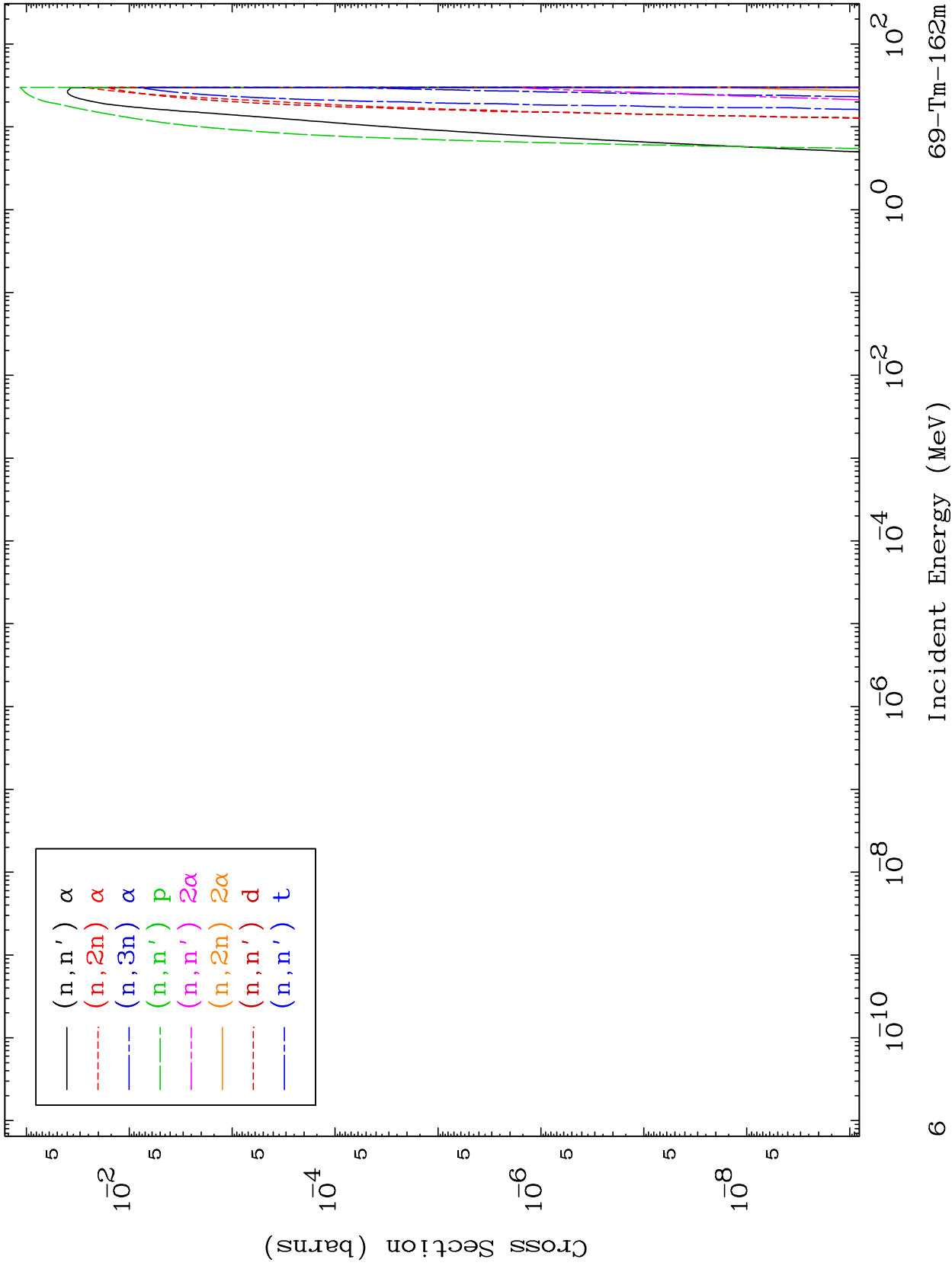
69-Tm-162m



MAT 6905

Charged Particle
293 Kelvin Cross Sections

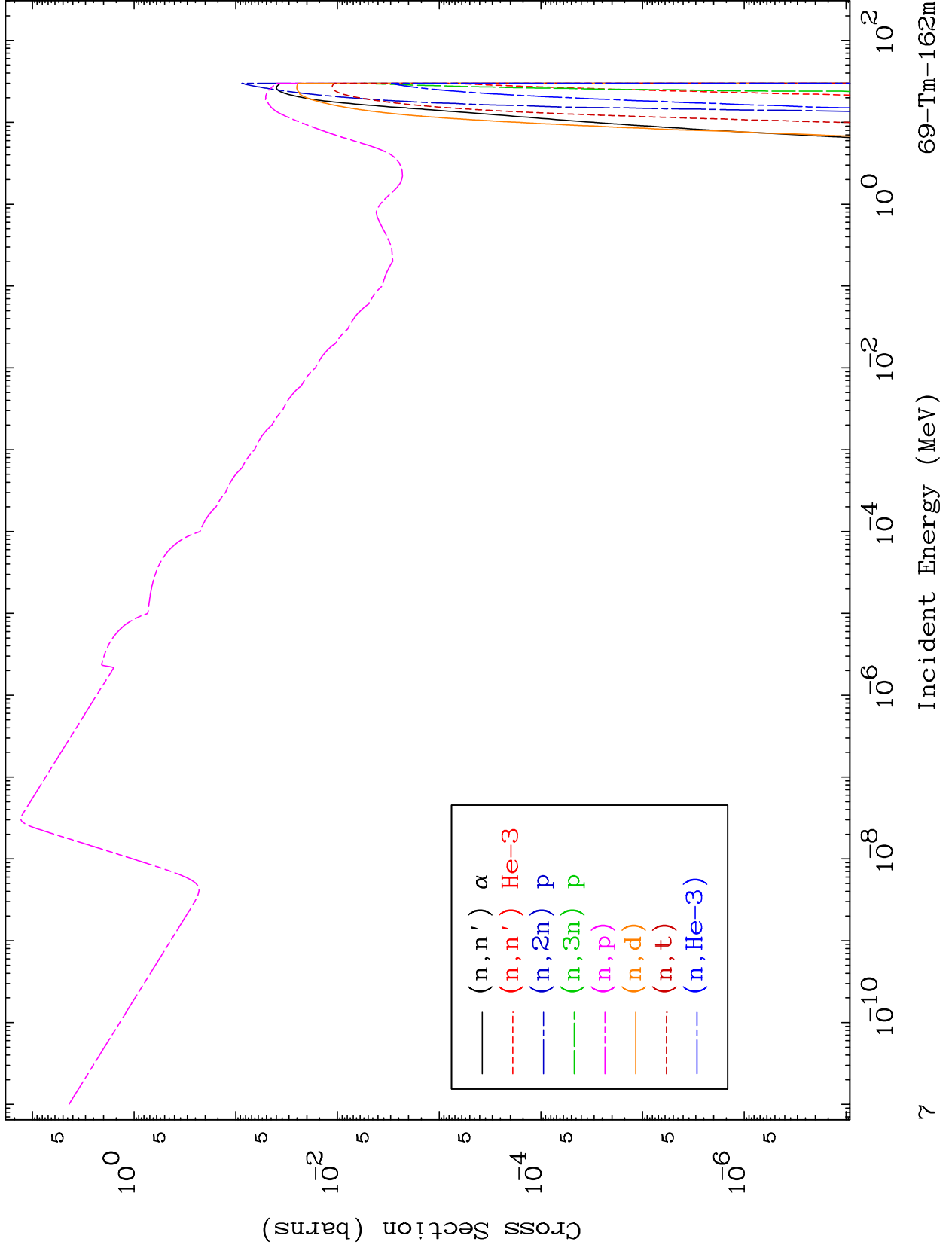
69-Tm-162m

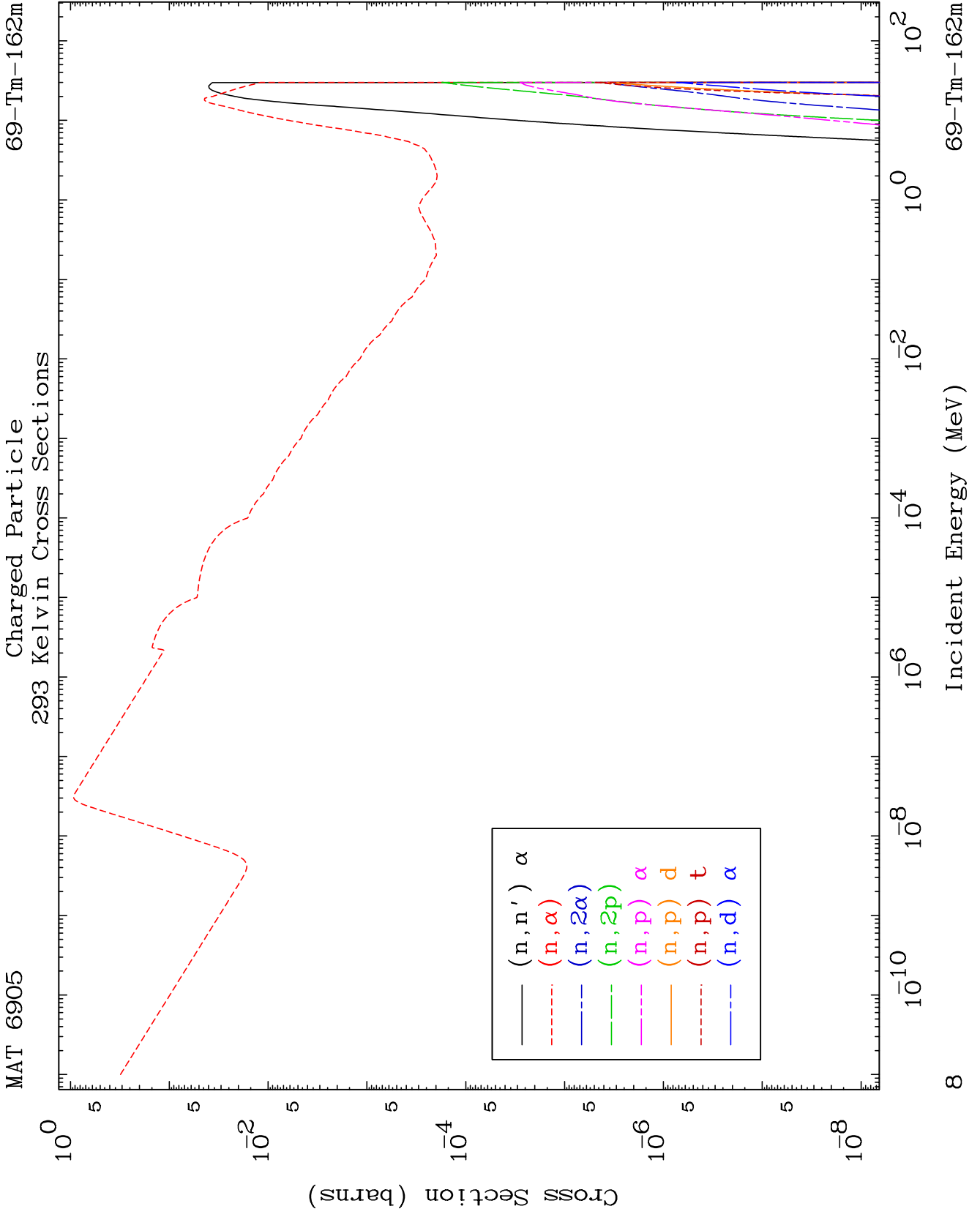


MAT 6905

Charged Particle
293 Kelvin Cross Sections

69-Tm-162m

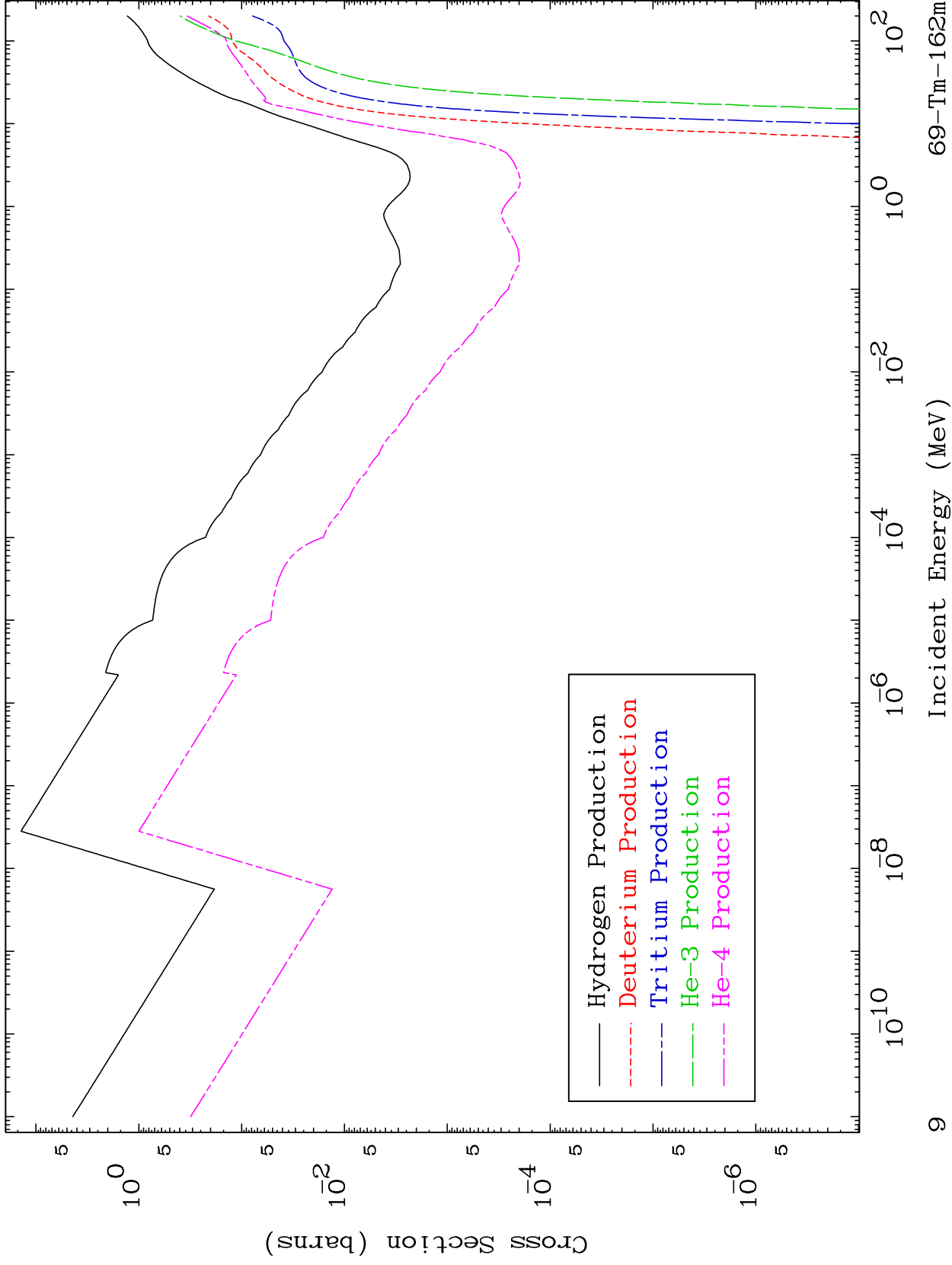




MAT 6905

Particle Production
293 Kelvin Cross Sections

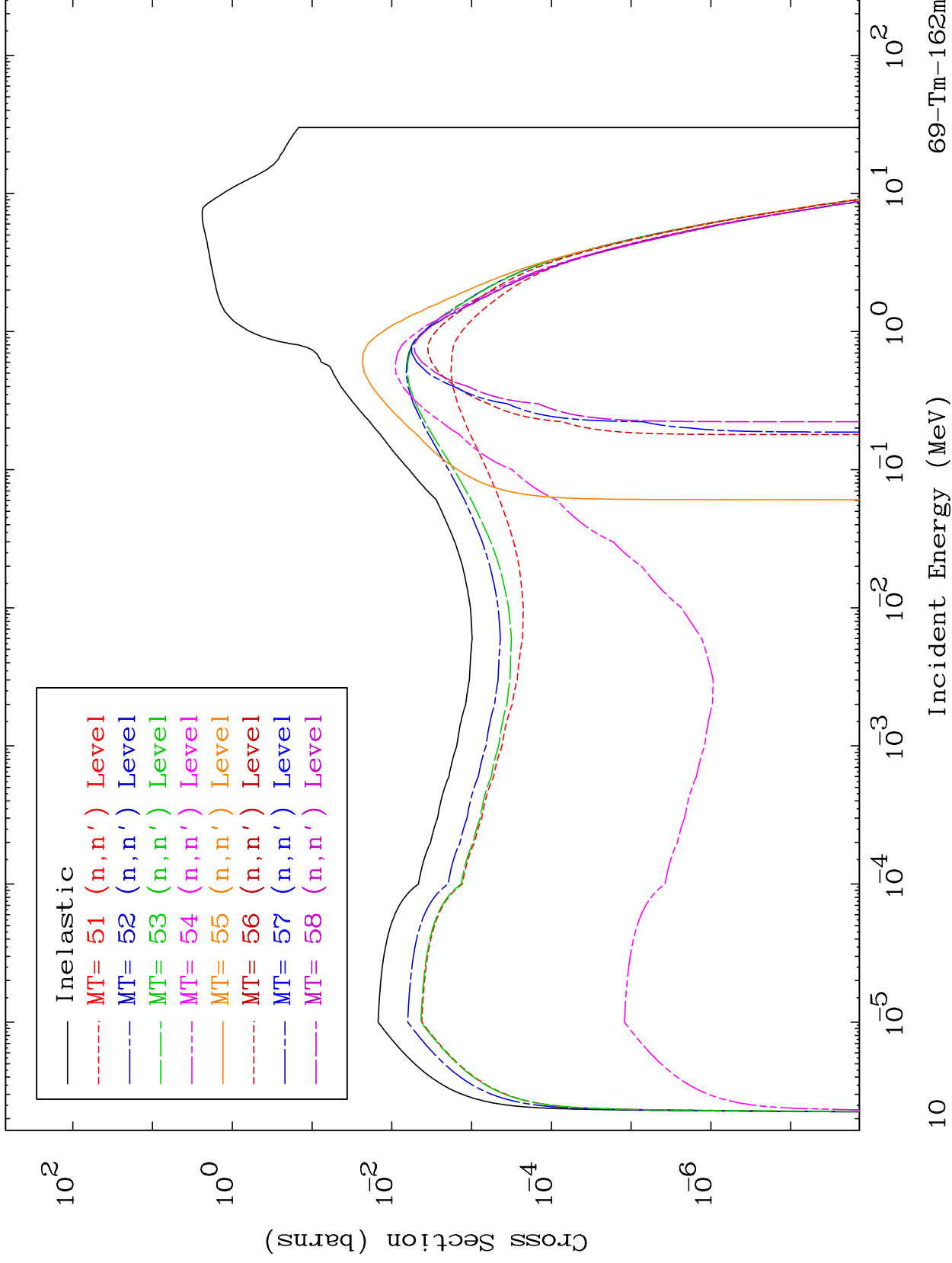
69-Tm-162m



MAT 6905

(n,n') Levels
293 Kelvin Cross Sections

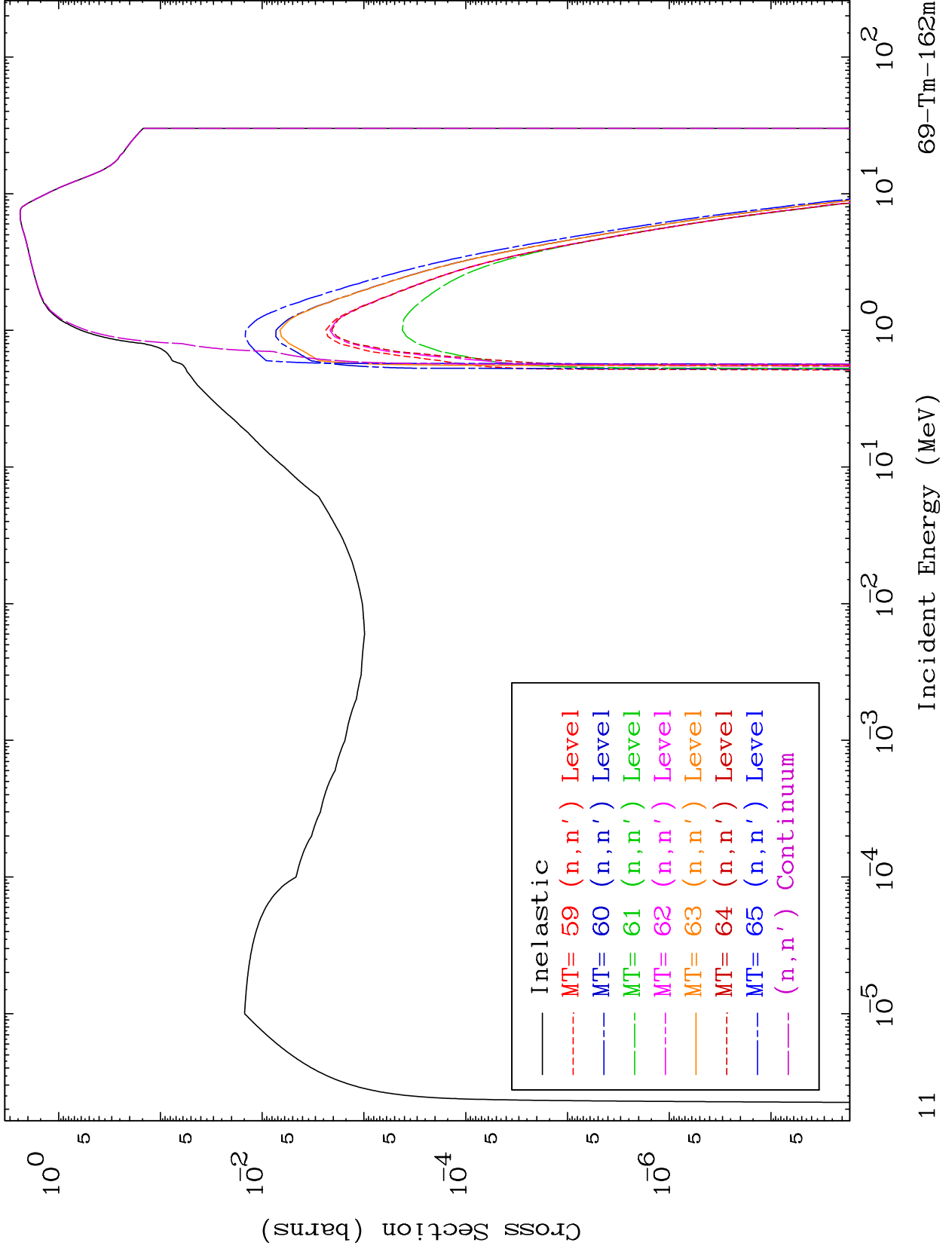
69-Tm-162m



MAT 6905

(n,n') Levels
293 Kelvin Cross Sections

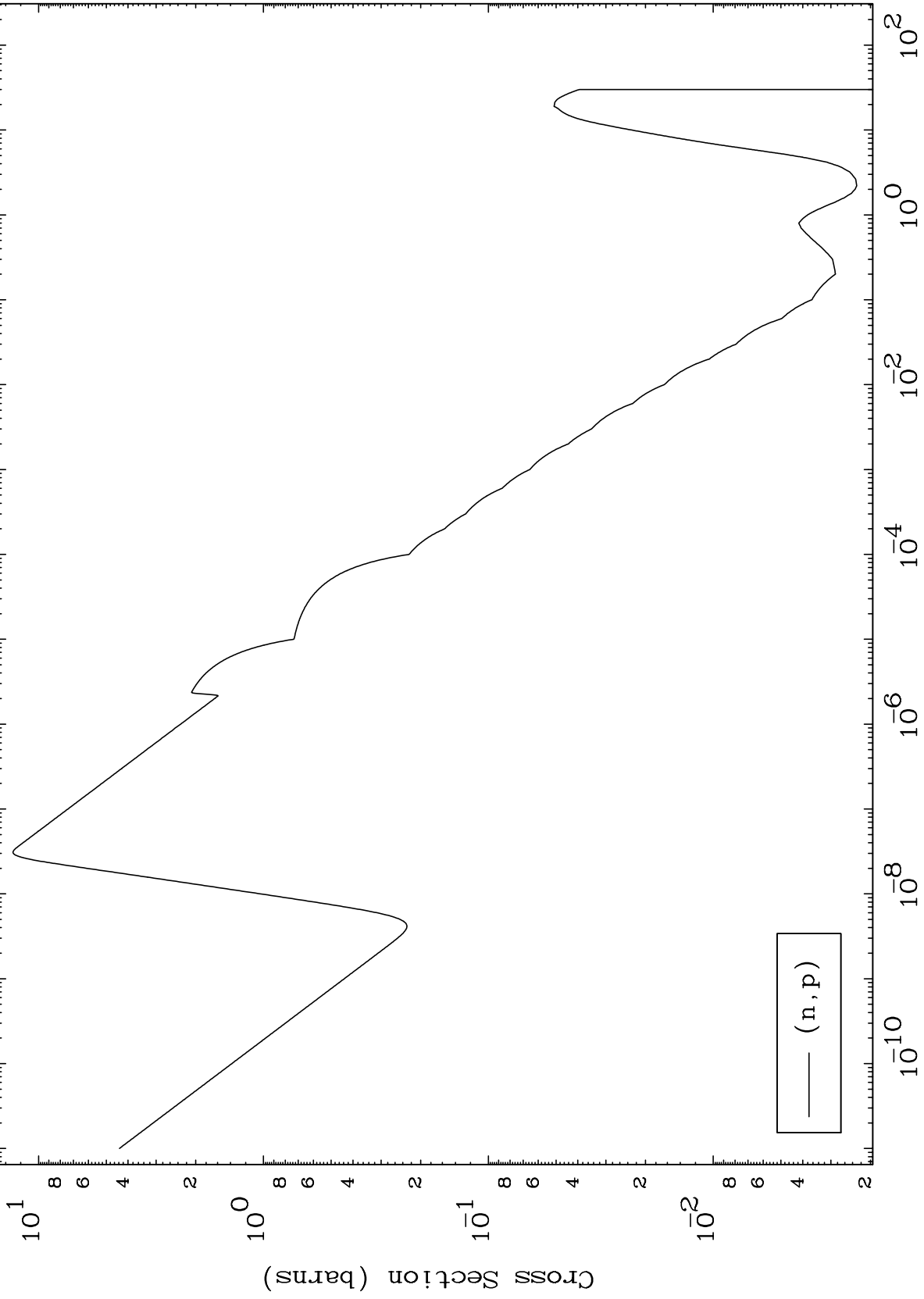
69-Tm-162m



MAT 6905

(n,p) Levels
293 Kelvin Cross Sections

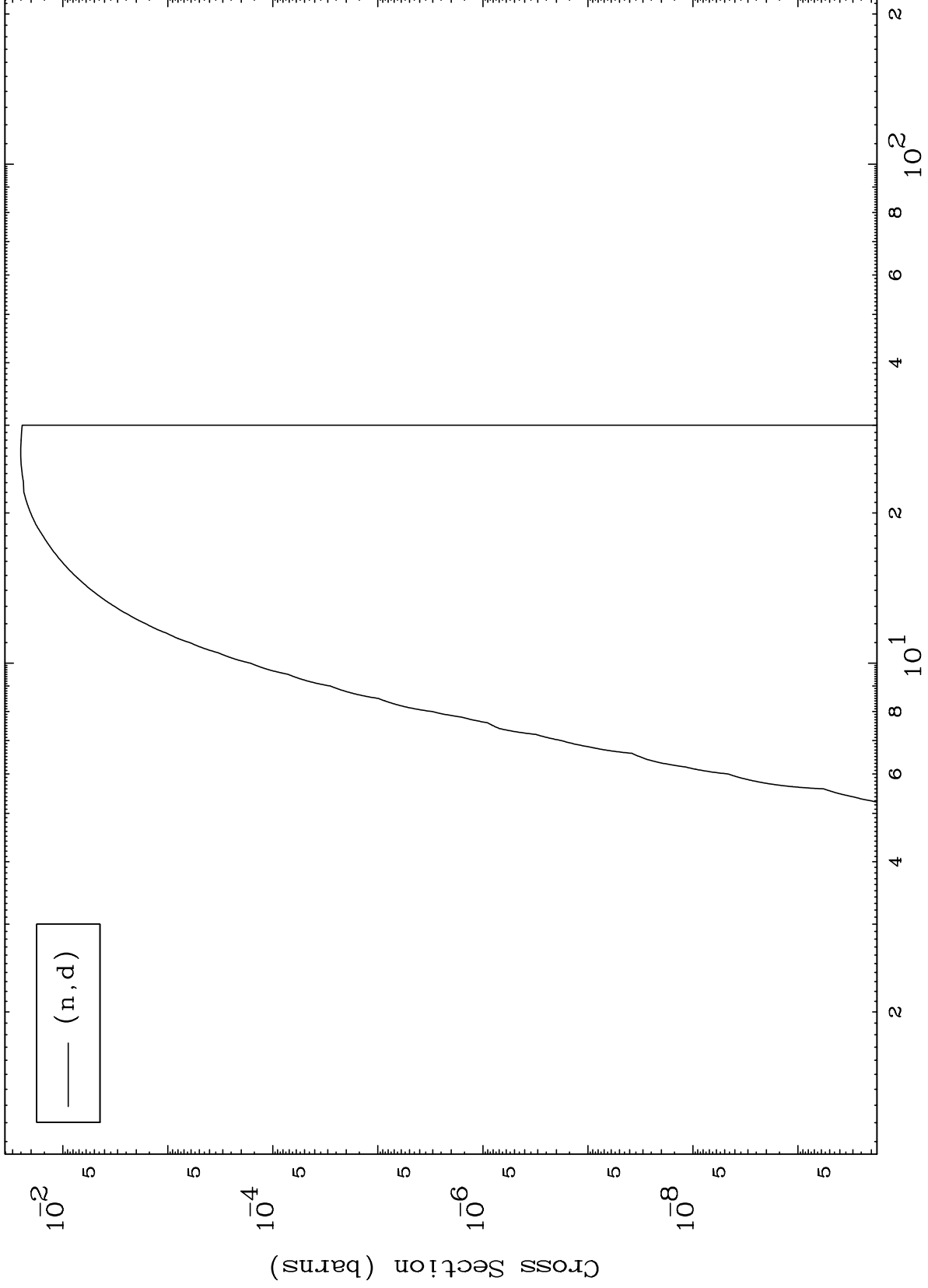
69-Tm-162m



MAT 6905

(n,d) Levels
293 Kelvin Cross Sections

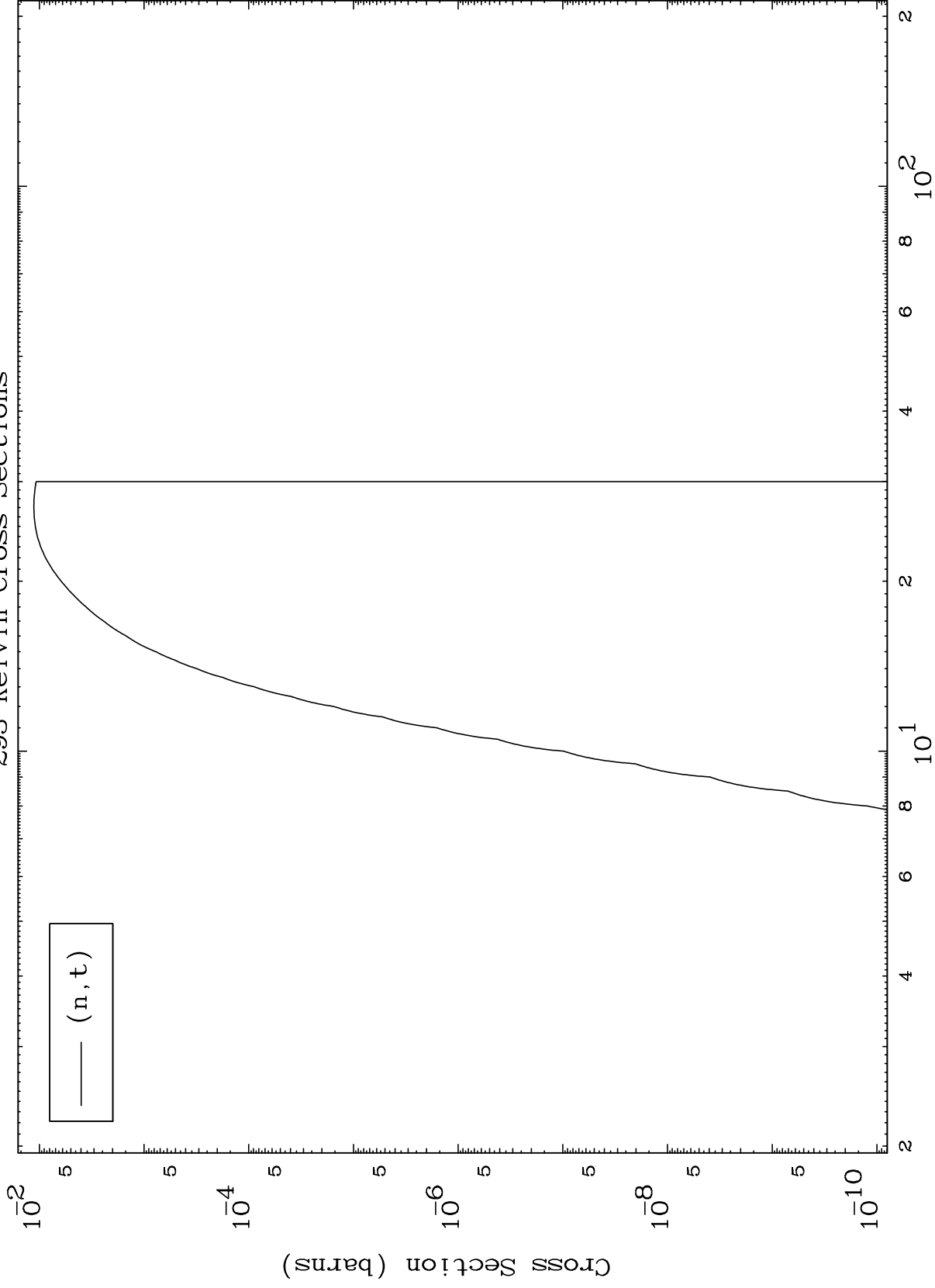
69-Tm-162m



MAT 6905

(n,t) Levels
293 Kelvin Cross Sections

69-Tm-162m



14

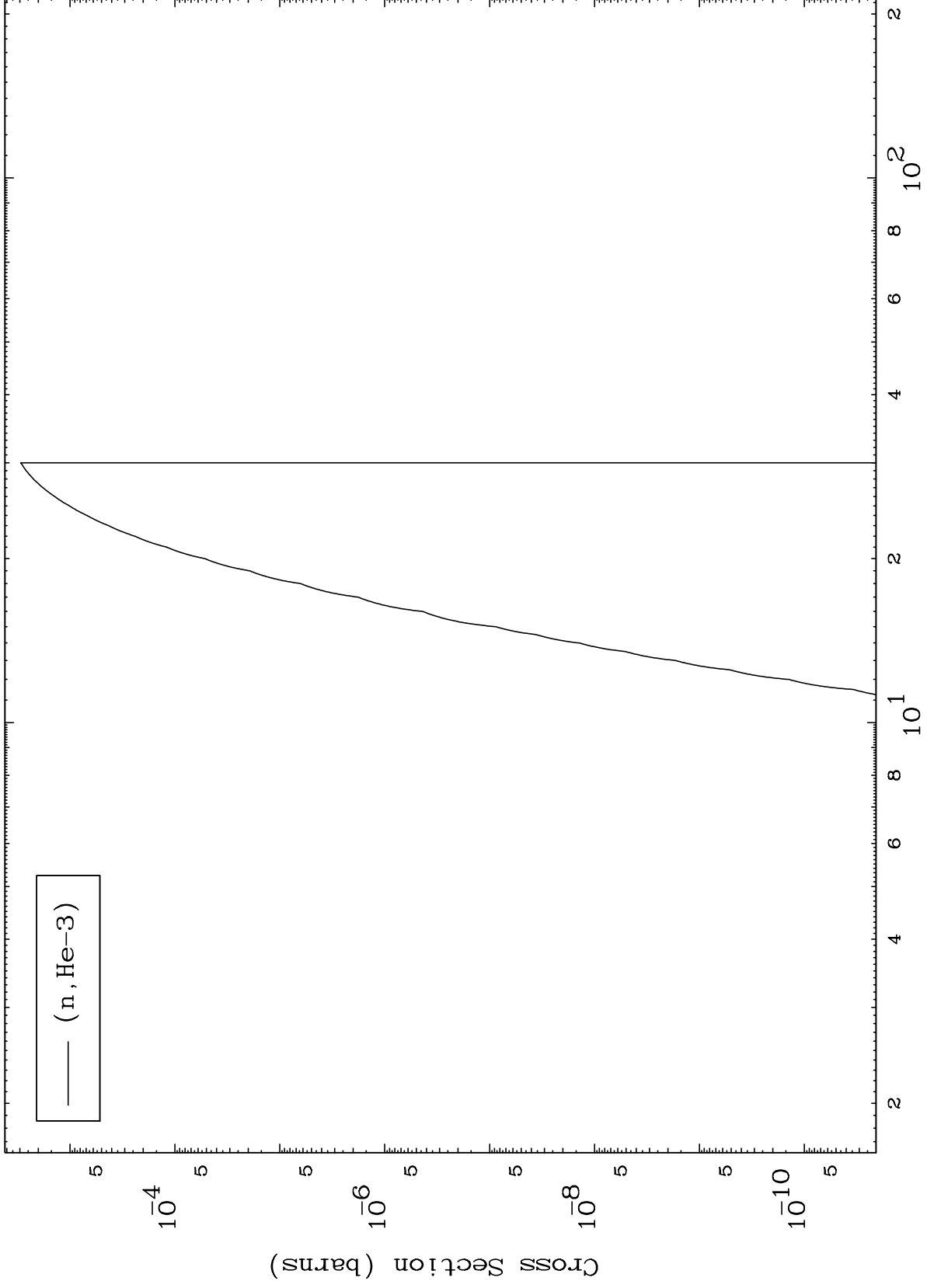
Incident Energy (MeV)

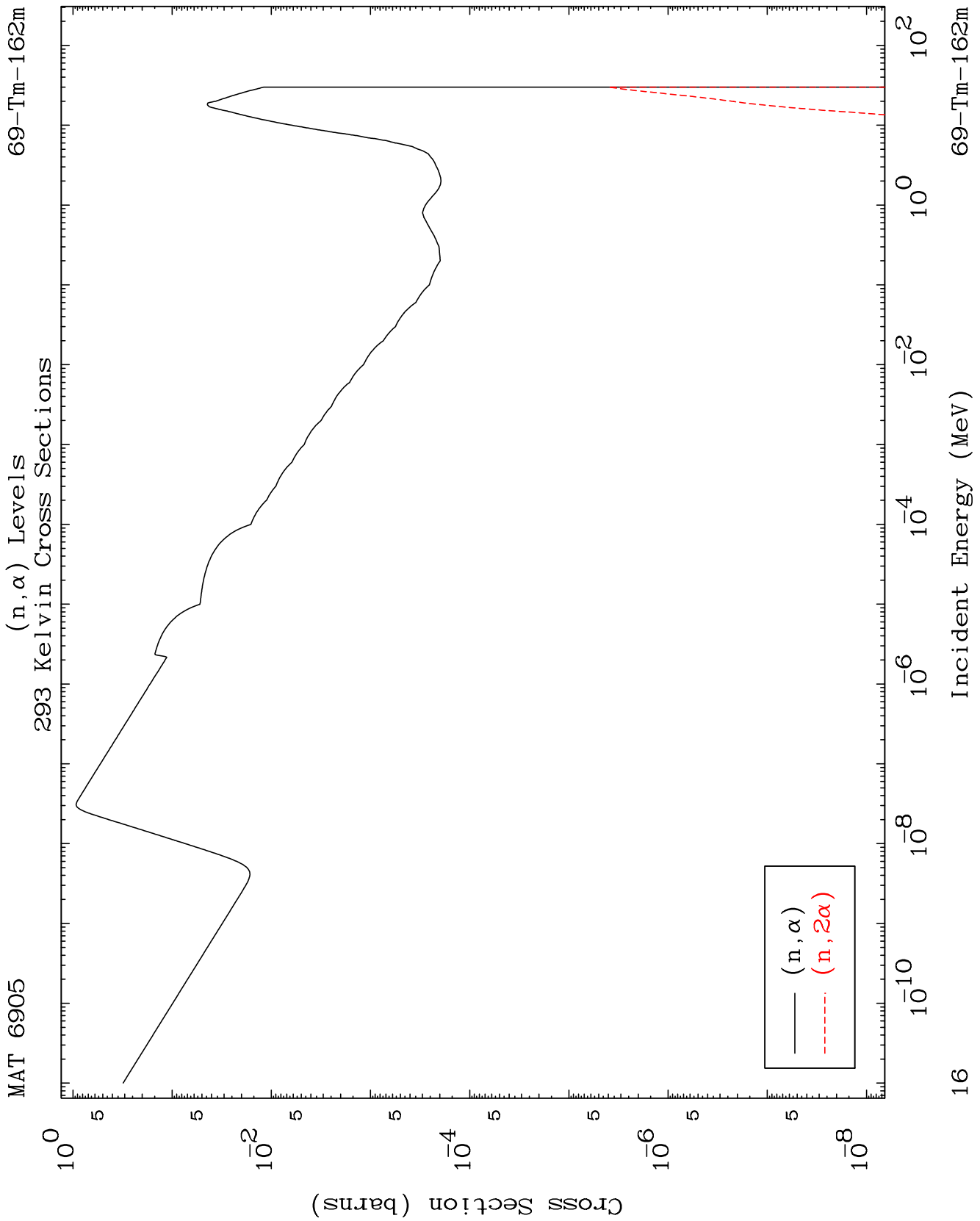
69-Tm-162m

MAT 6905

(n,He3) Levels
293 Kelvin Cross Sections

69-Tm-162m

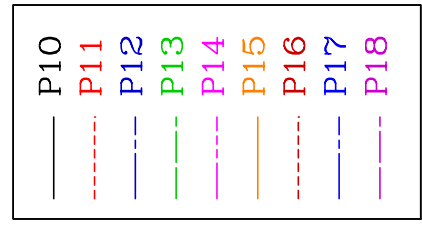




MAT 6905

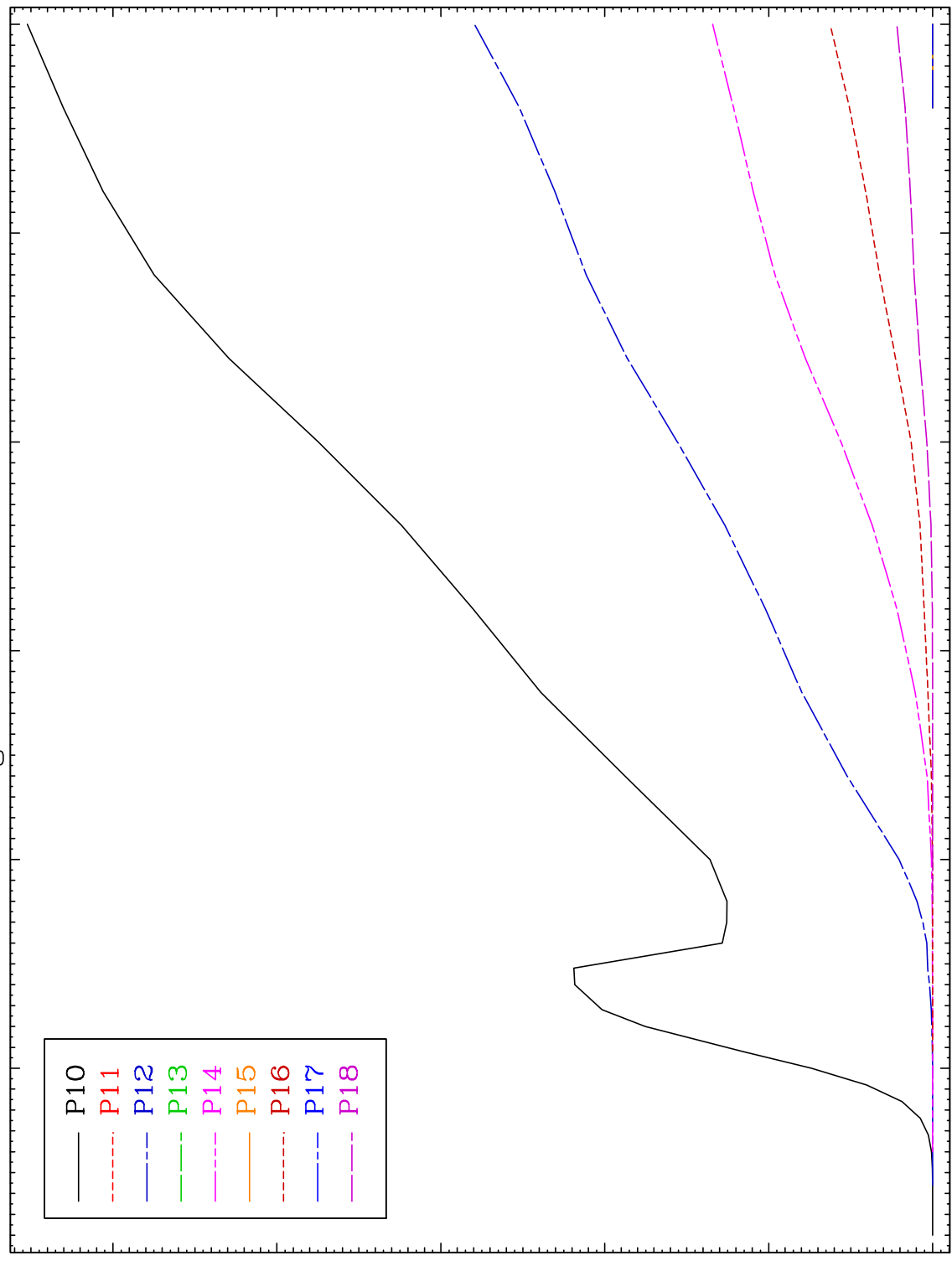
Elastic Legendre Coefficients

69-Tm-162m



$\times 10^{-4}$

Legendre (CM)



18

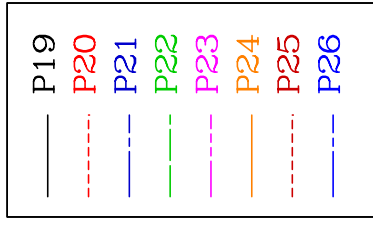
Incident Energy (MeV)

69-Tm-162m

MAT 6905

Elastic
Legendre Coefficients

69-Tm-162m



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

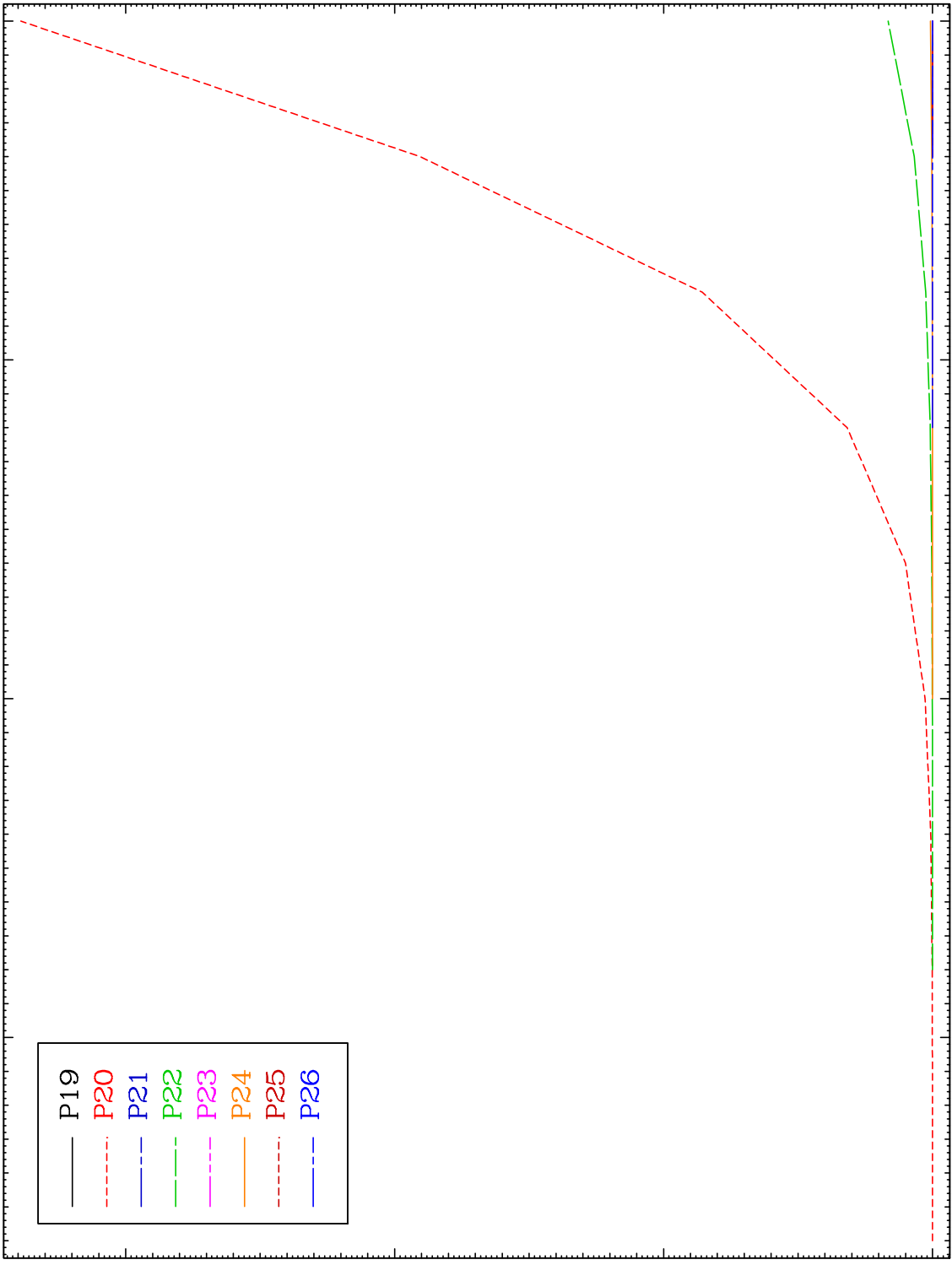
25

30

19

Incident Energy (MeV)

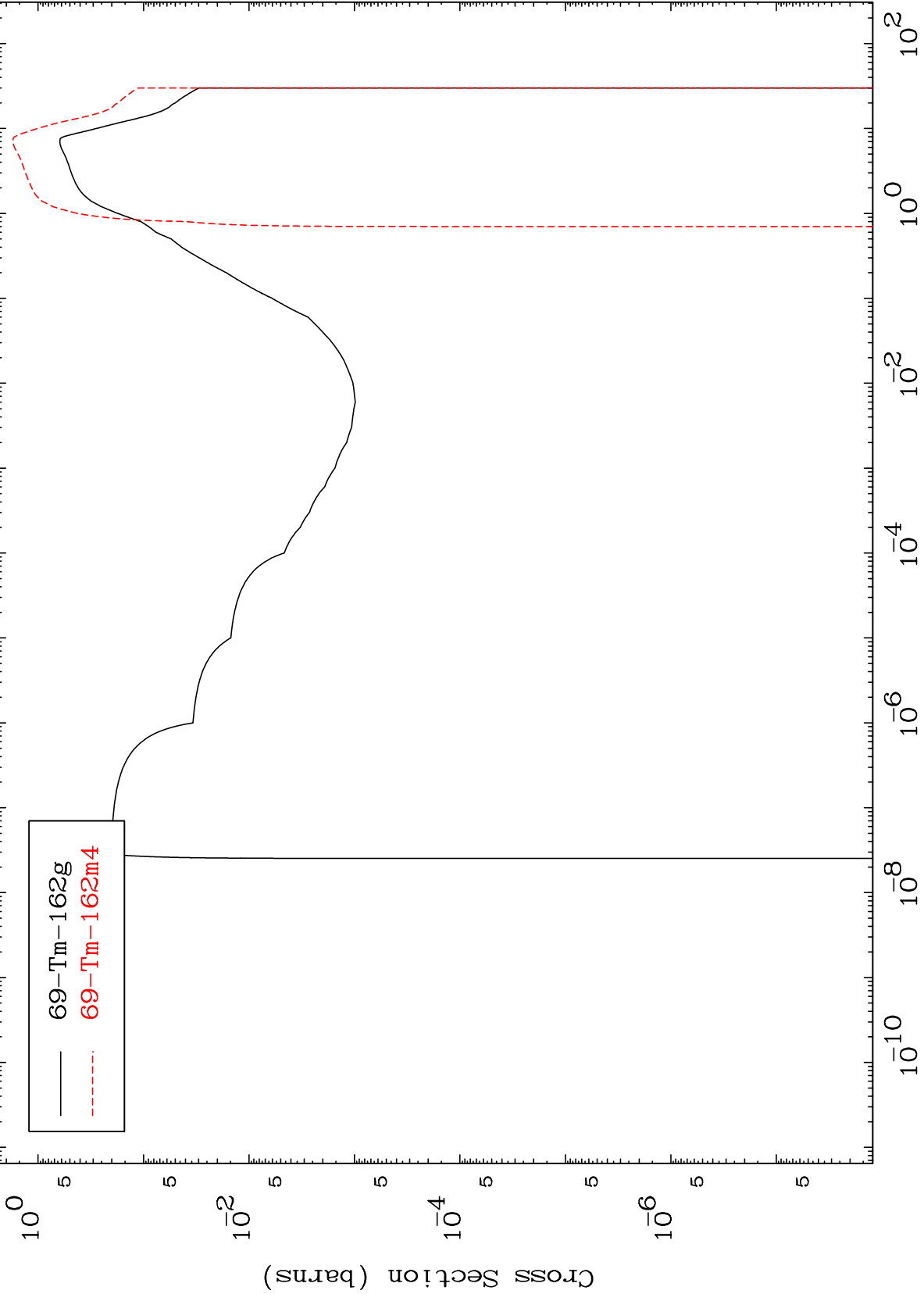
69-Tm-162m



MAT 6905

Inelastic
Radionuclide Production Cross Section

69-Tm-162m



69-Tm-162g
69-Tm-162m4

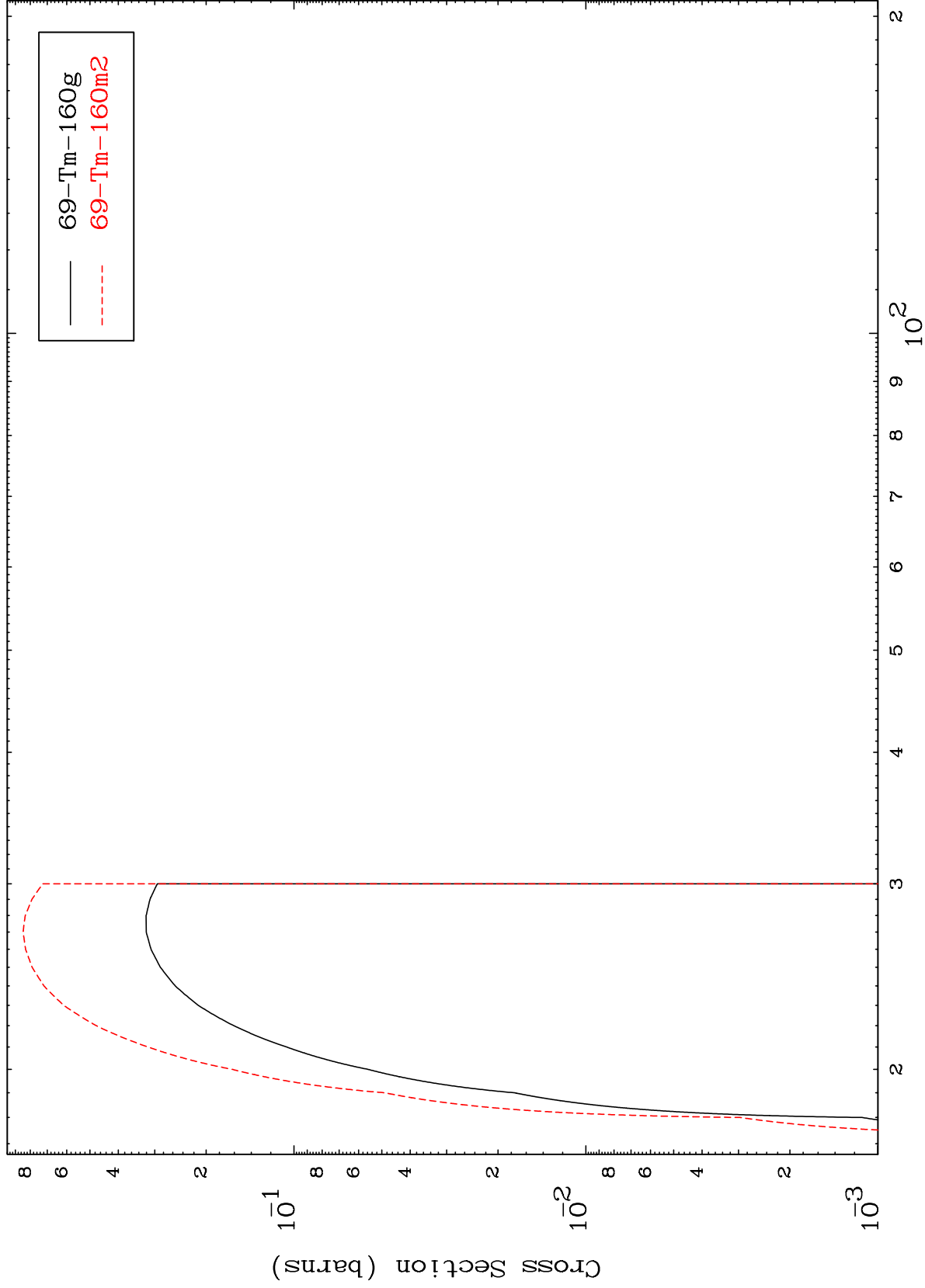
69-Tm-162m

MAT 6905

(n,3n)

69-Tm-162m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

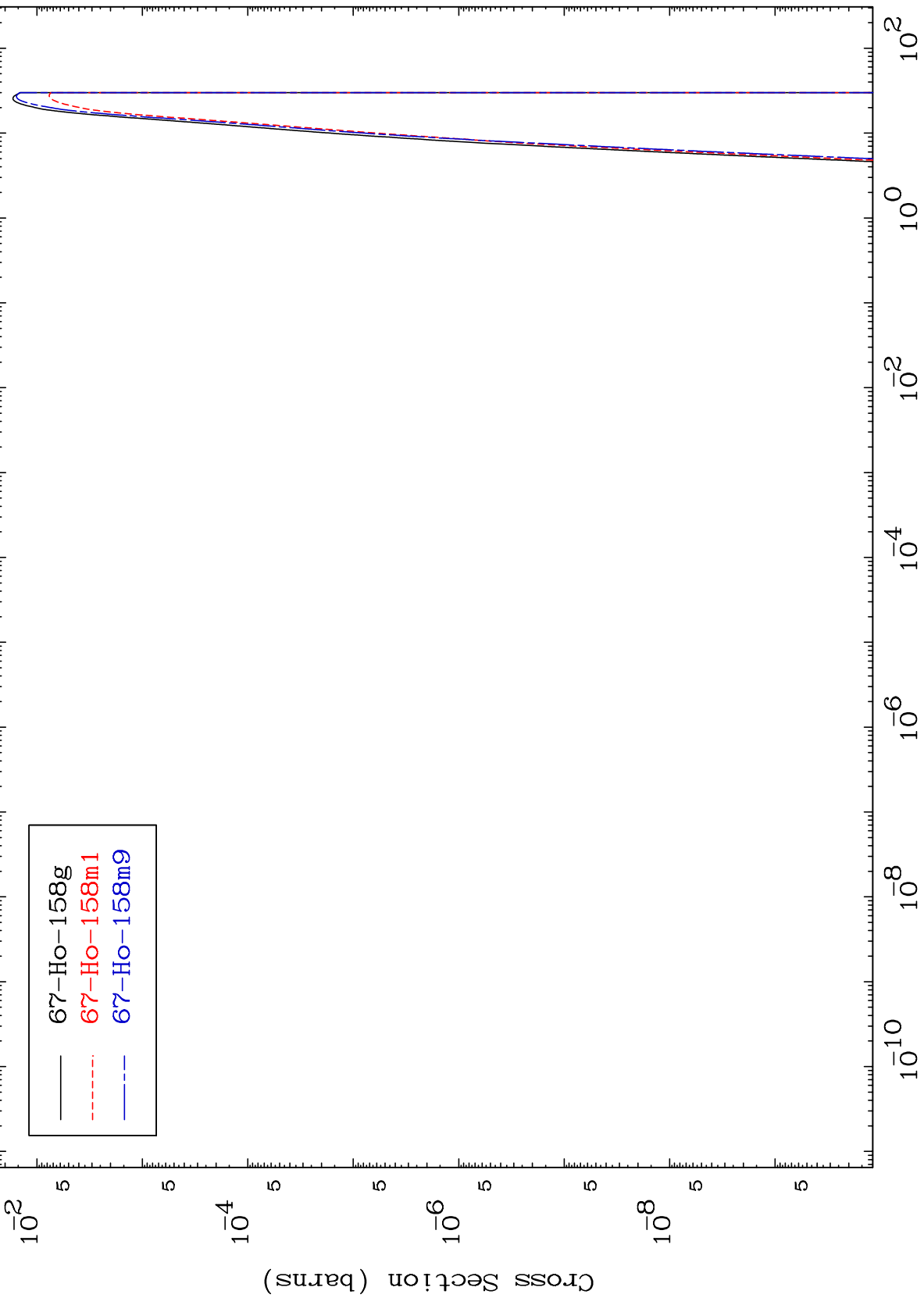
69-Tm-162m

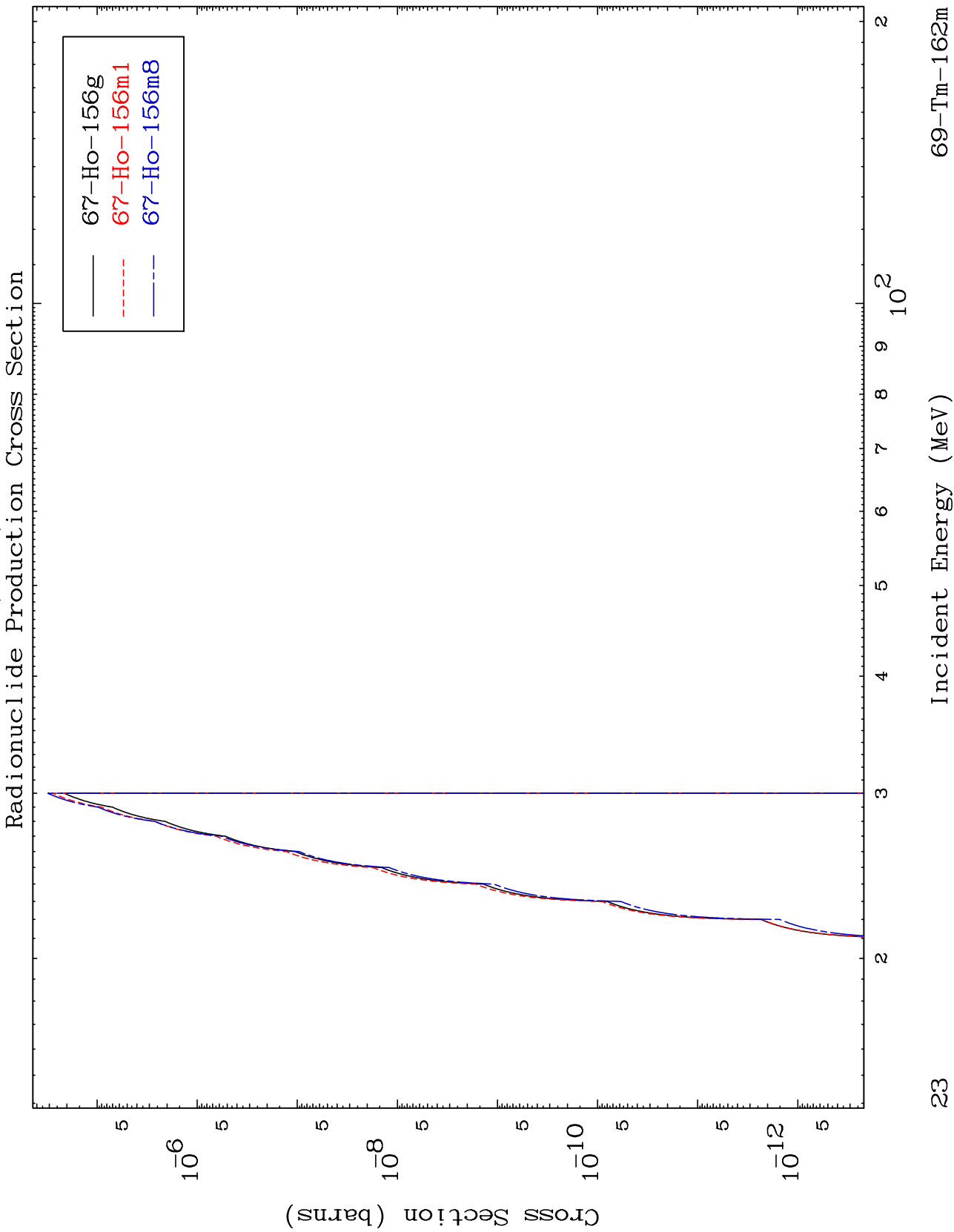
MAT 6905

$(n, n') \alpha$

69-Tm-162m

Radionuclide Production Cross Section



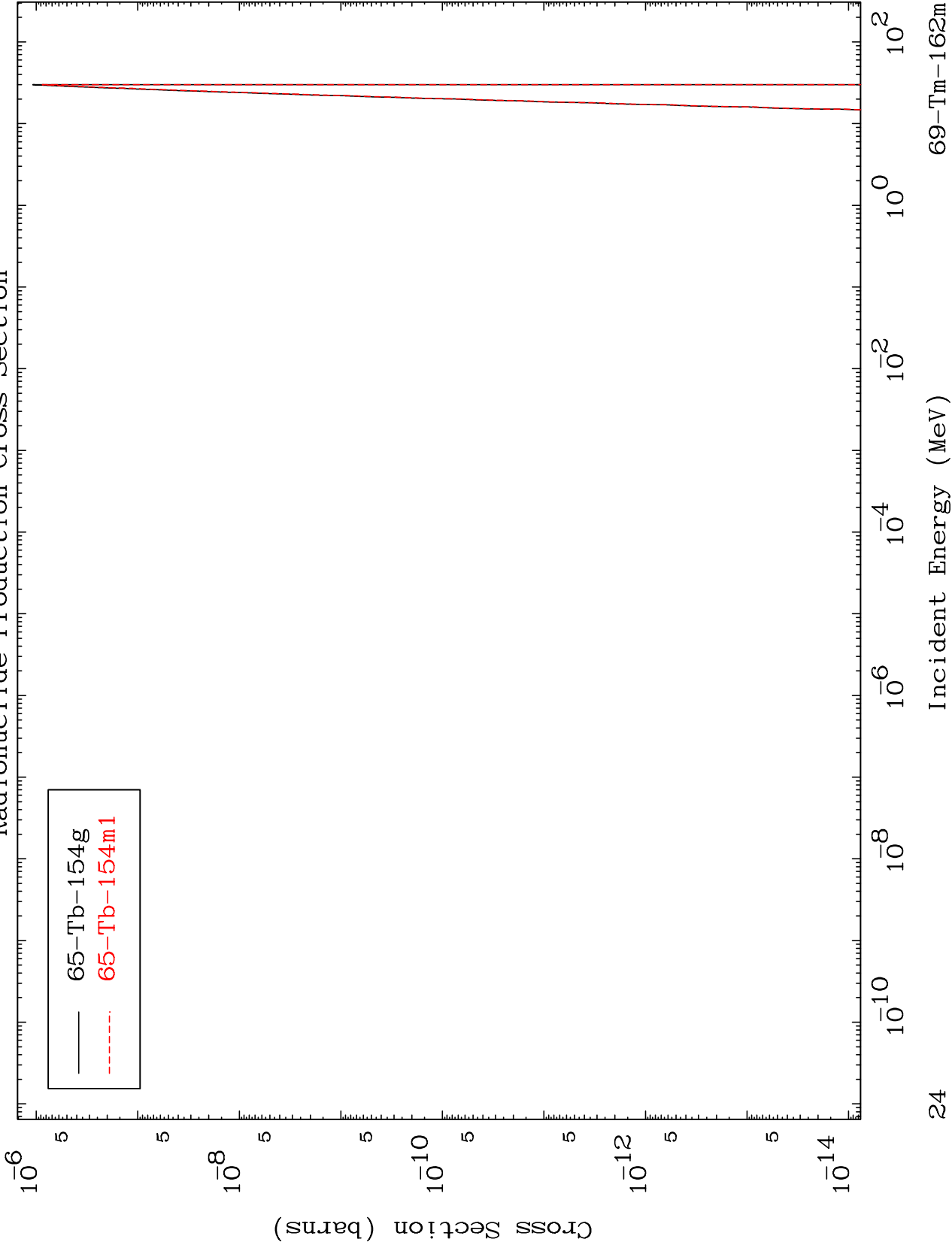


MAT 6905

(n,n') 2α

69-Tm-162m

Radionuclide Production Cross Section

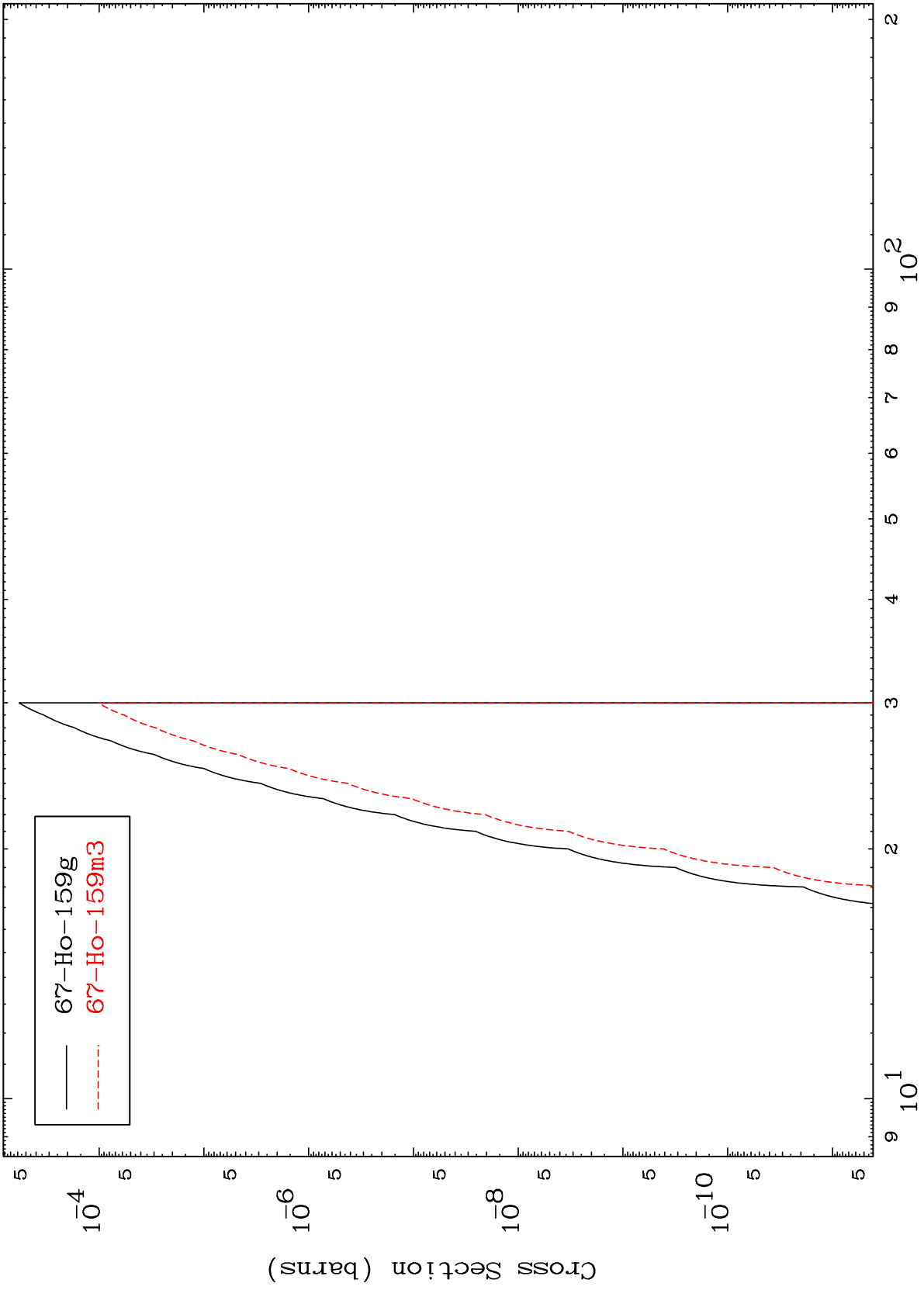


MAT 6905

(n,n') He-3

69-Tm-162m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

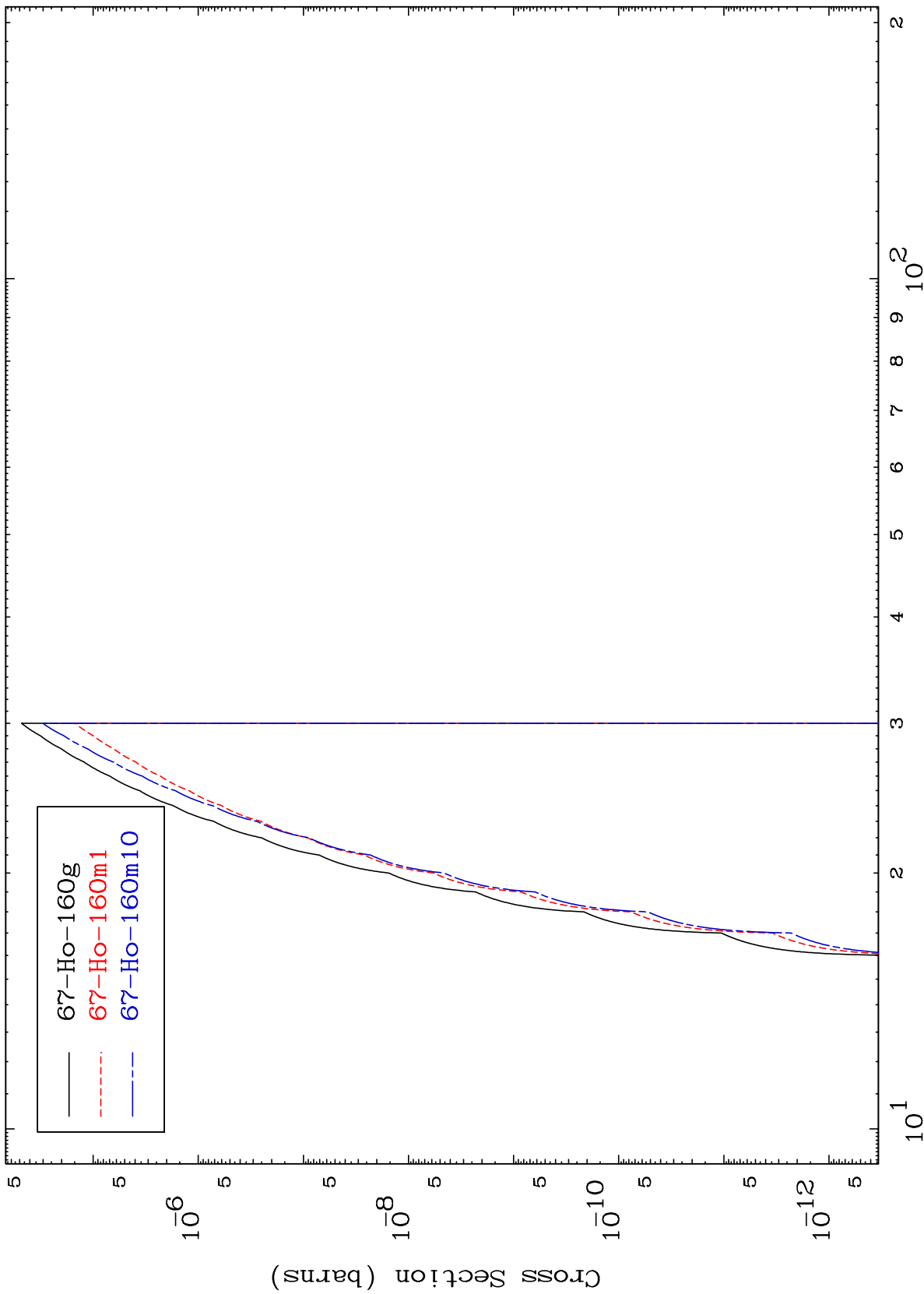
69-Tm-162m

MAT 6905

(n,2n) p

69-Tm-162m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

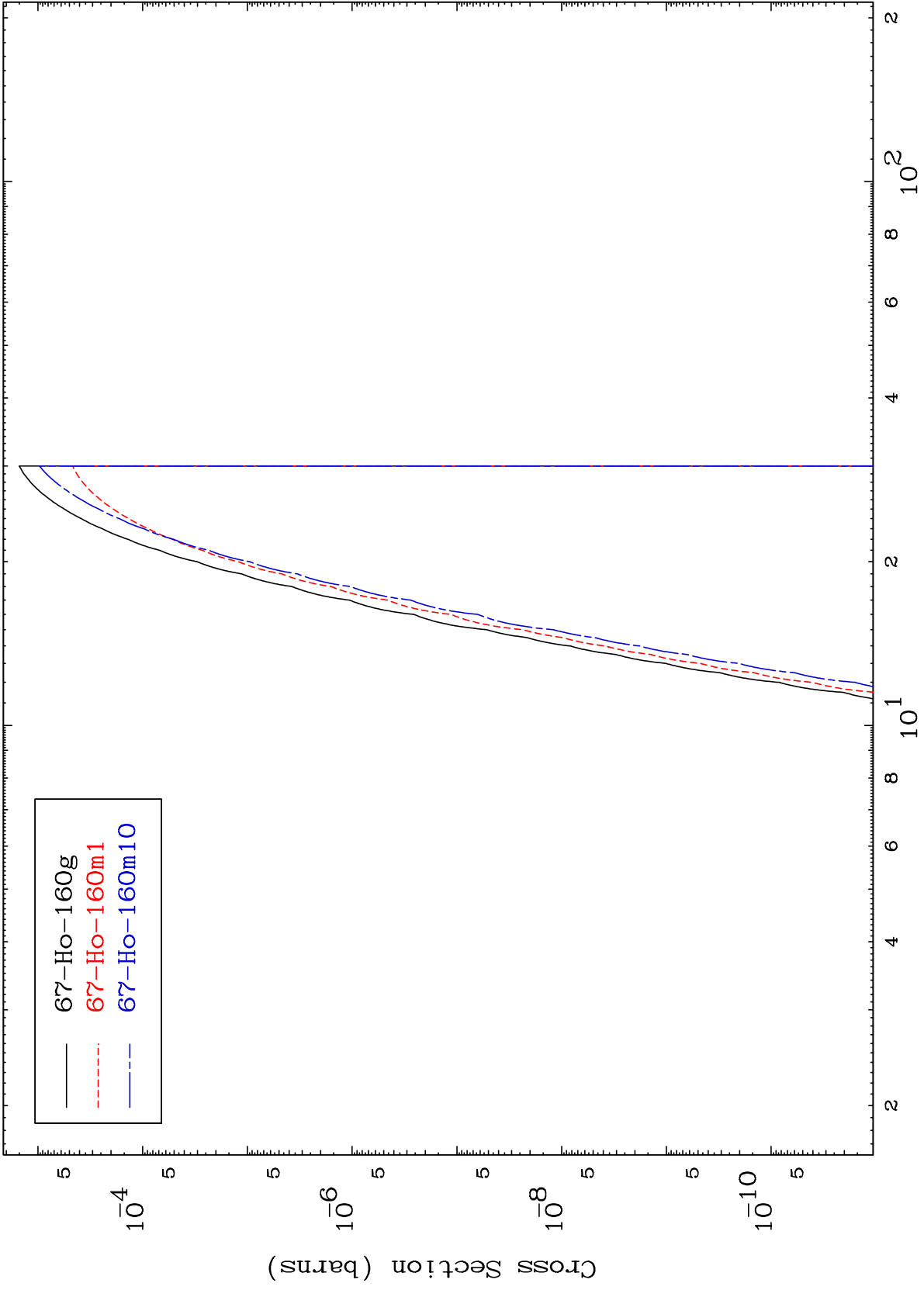
69-Tm-162m

MAT 6905

(n,He-3)

69-Tm-162m

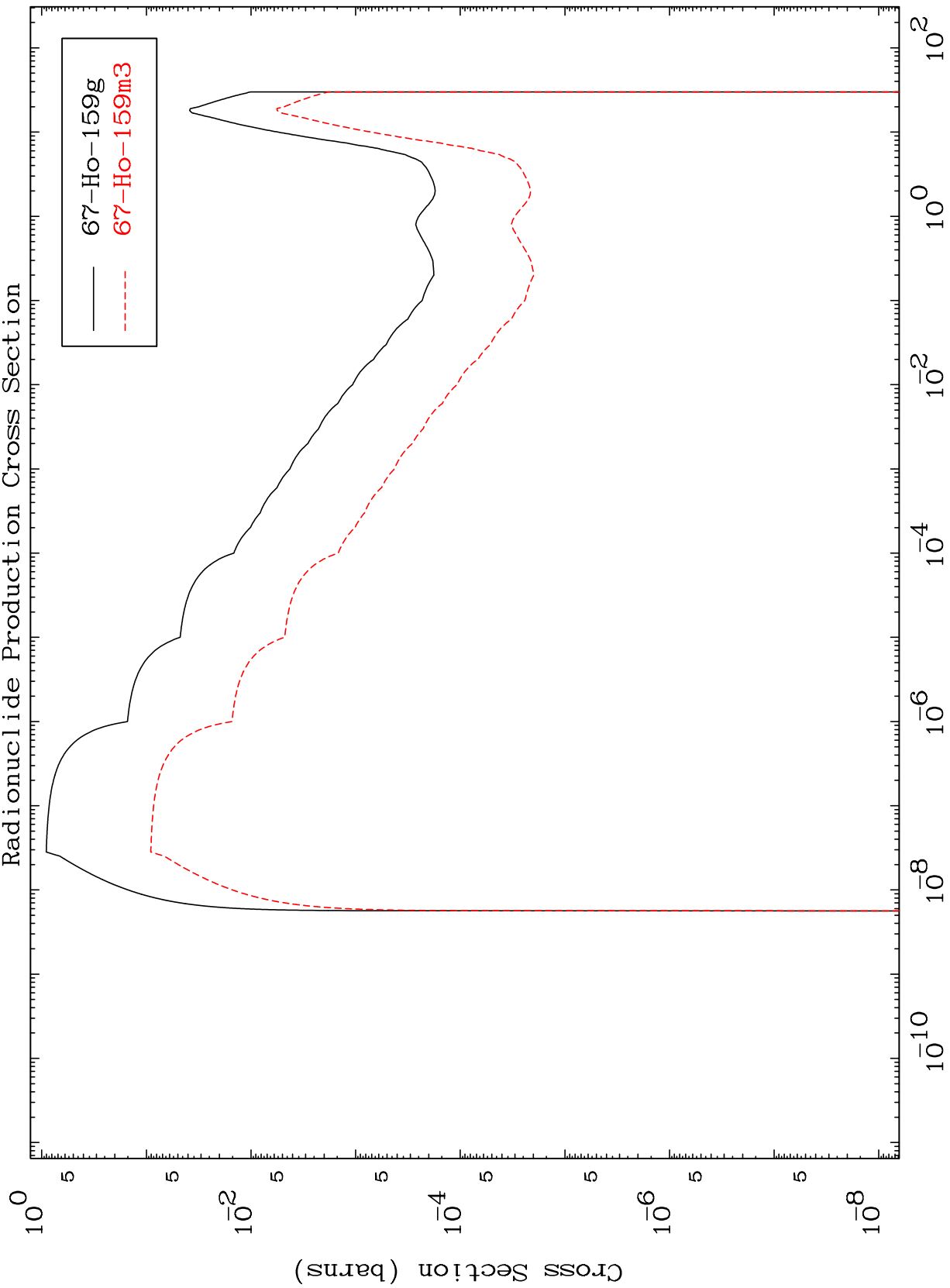
Radionuclide Production Cross Section



MAT 6905

69-Tm-162m

(n, α)
Radionuclide Production Cross Section

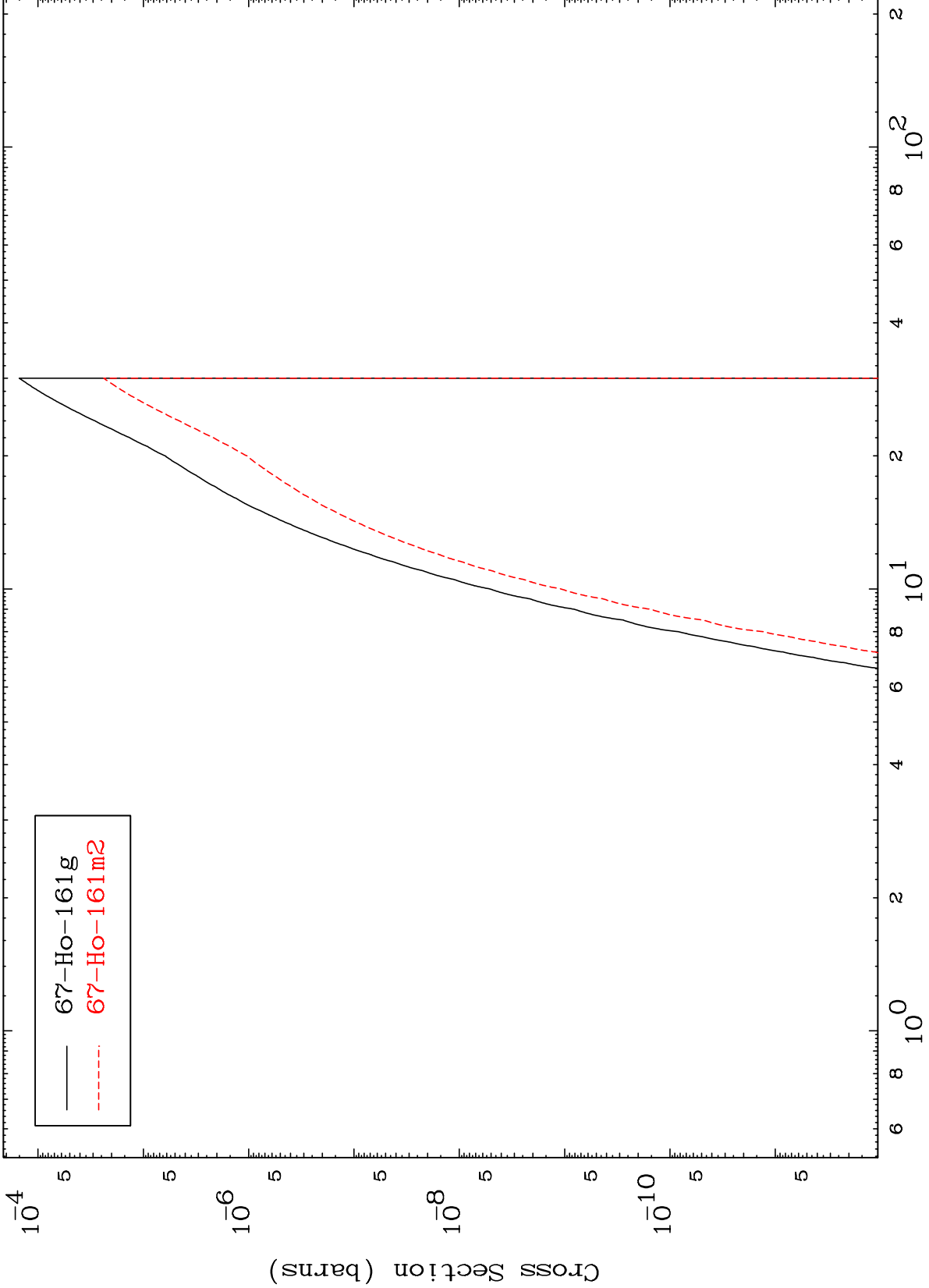


MAT 6905

(n,2p)

69-Tm-162m

Radionuclide Production Cross Section



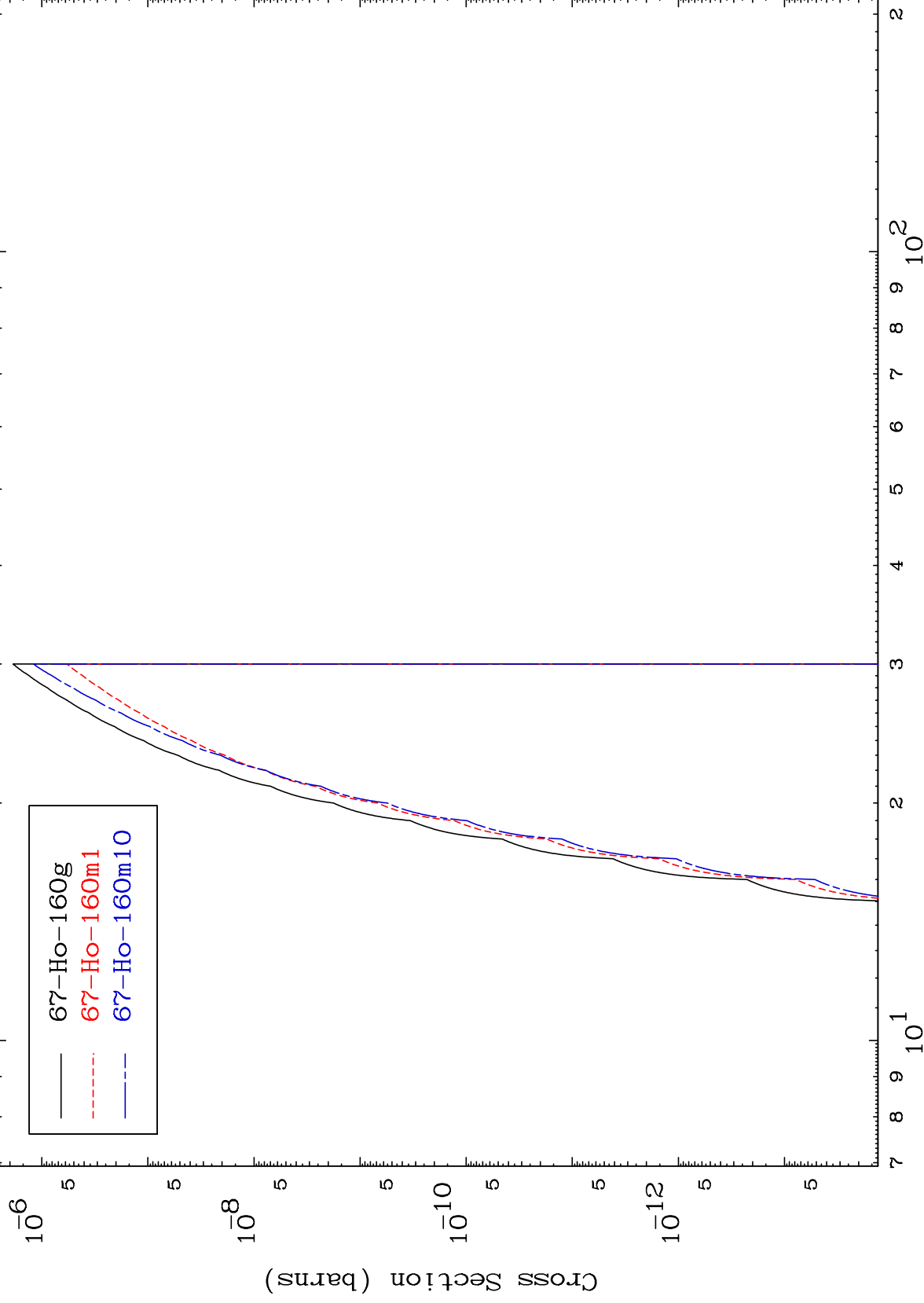
67-Ho-161g
67-Ho-161m2

MAT 6905

(n,p) d

69-Tm-162m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

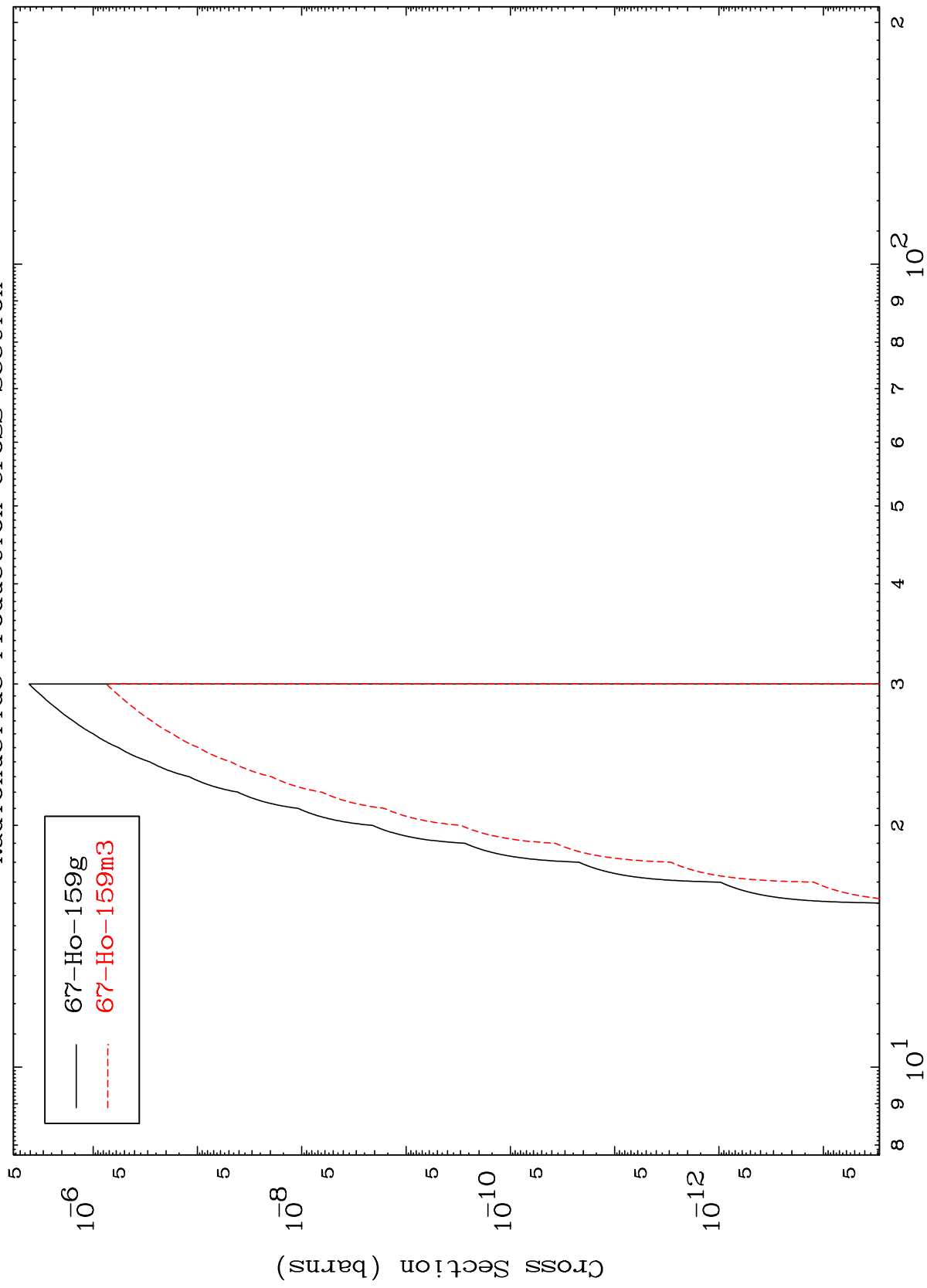
69-Tm-162m

MAT 6905

(n,p) t

69-Tm-162m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

69-Tm-162m