

Program EVALPLOT  
(Version 2015-2)

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:home.comcast.net/~redcullen1

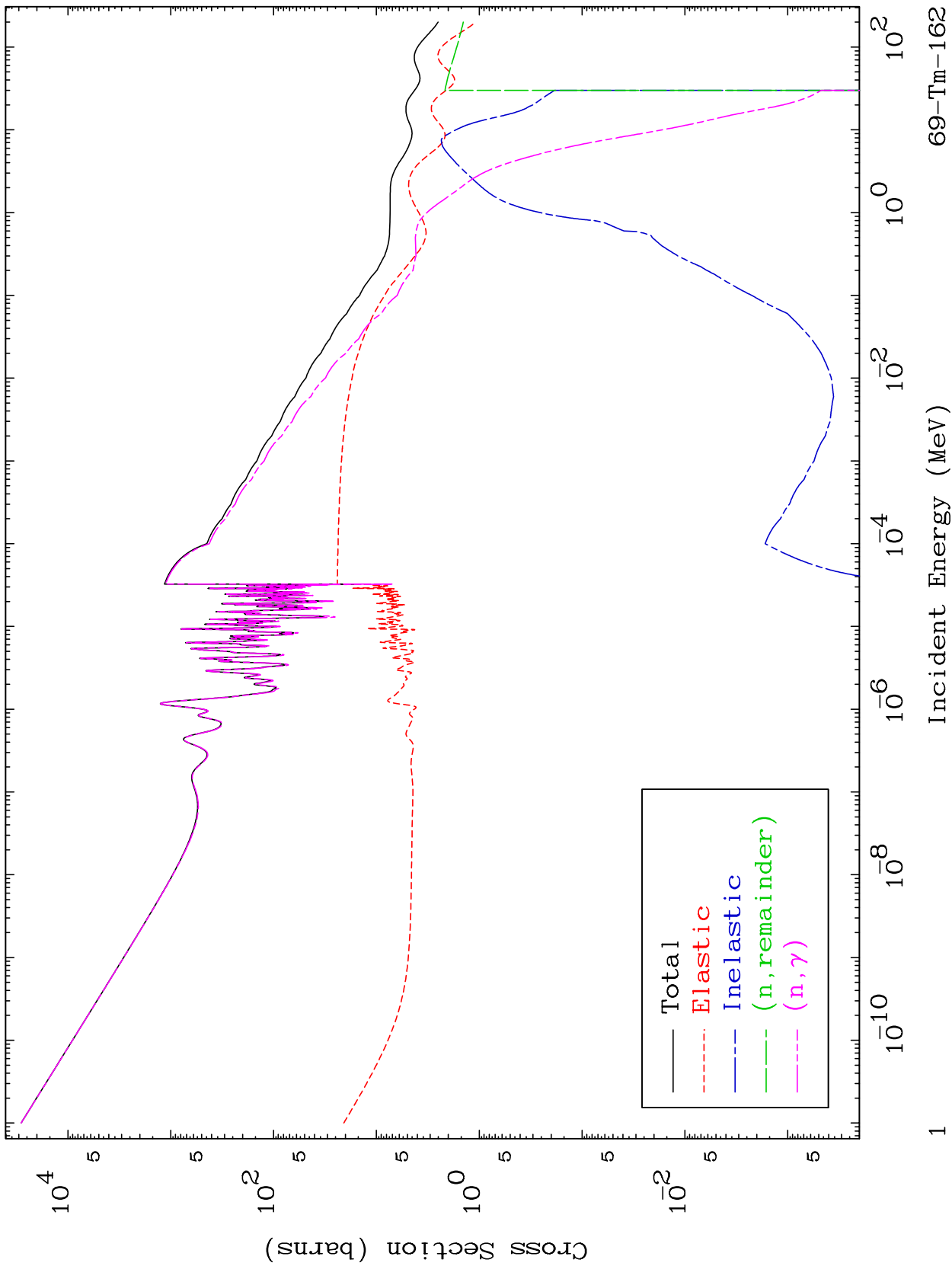
Press Mouse Button to Start

MAT 6905

Major

293 Kelvin Cross Sections

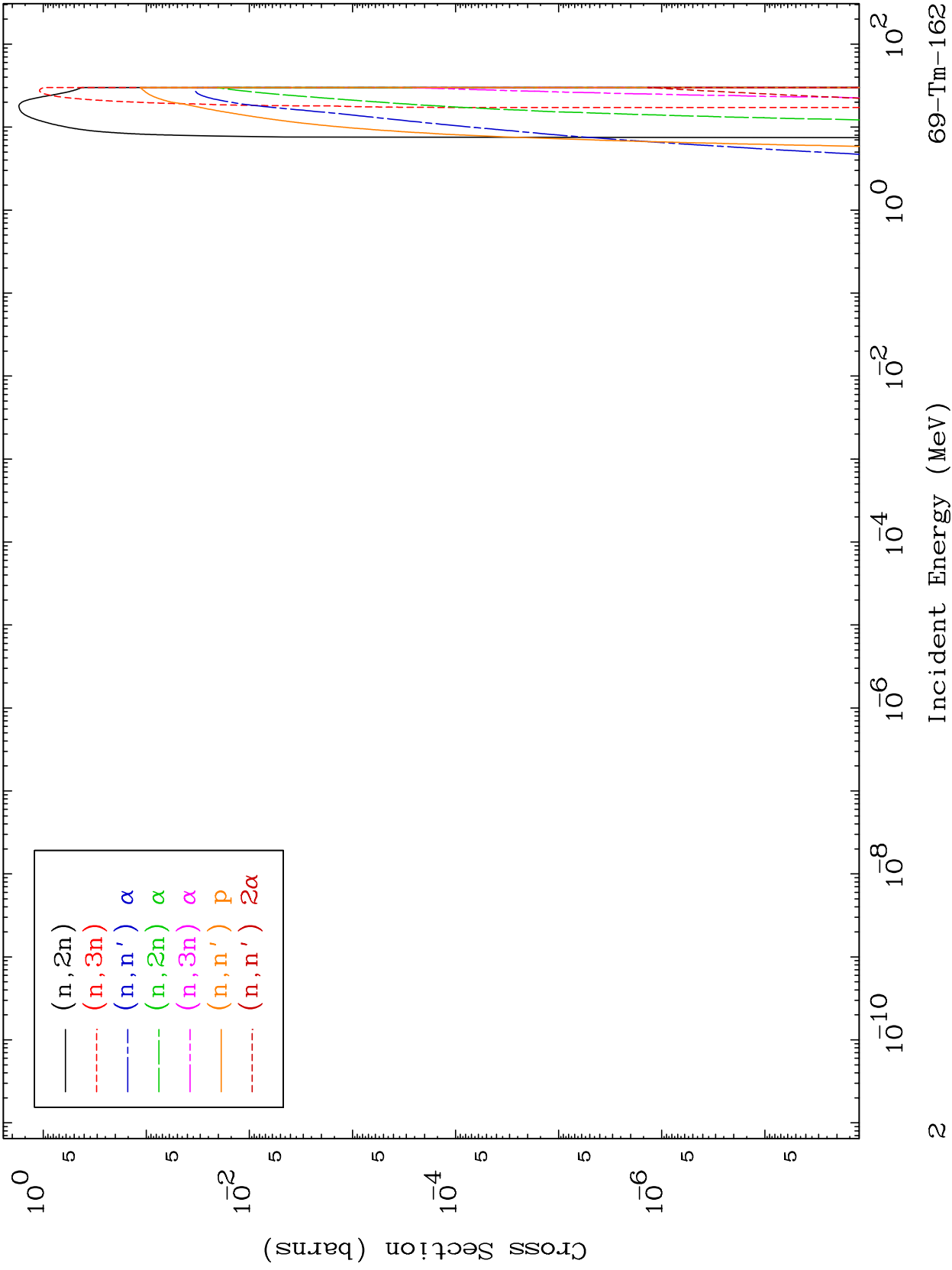
69-Tm-162



MAT 6905

Neutron Production  
293 Kelvin Cross Sections

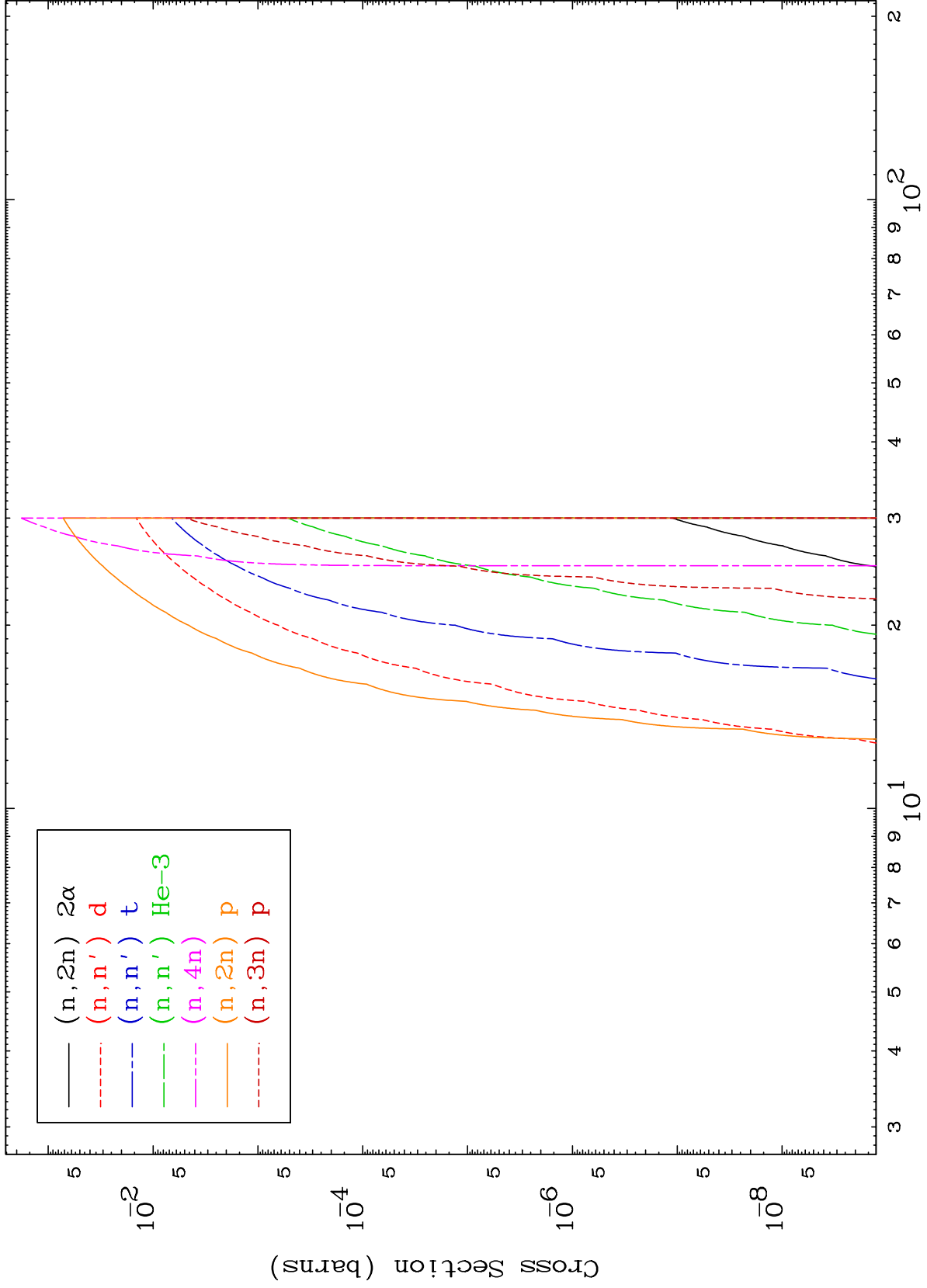
69-Tm-162



MAT 6905

Neutron Production  
293 Kelvin Cross Sections

69-Tm-162



Incident Energy (MeV)

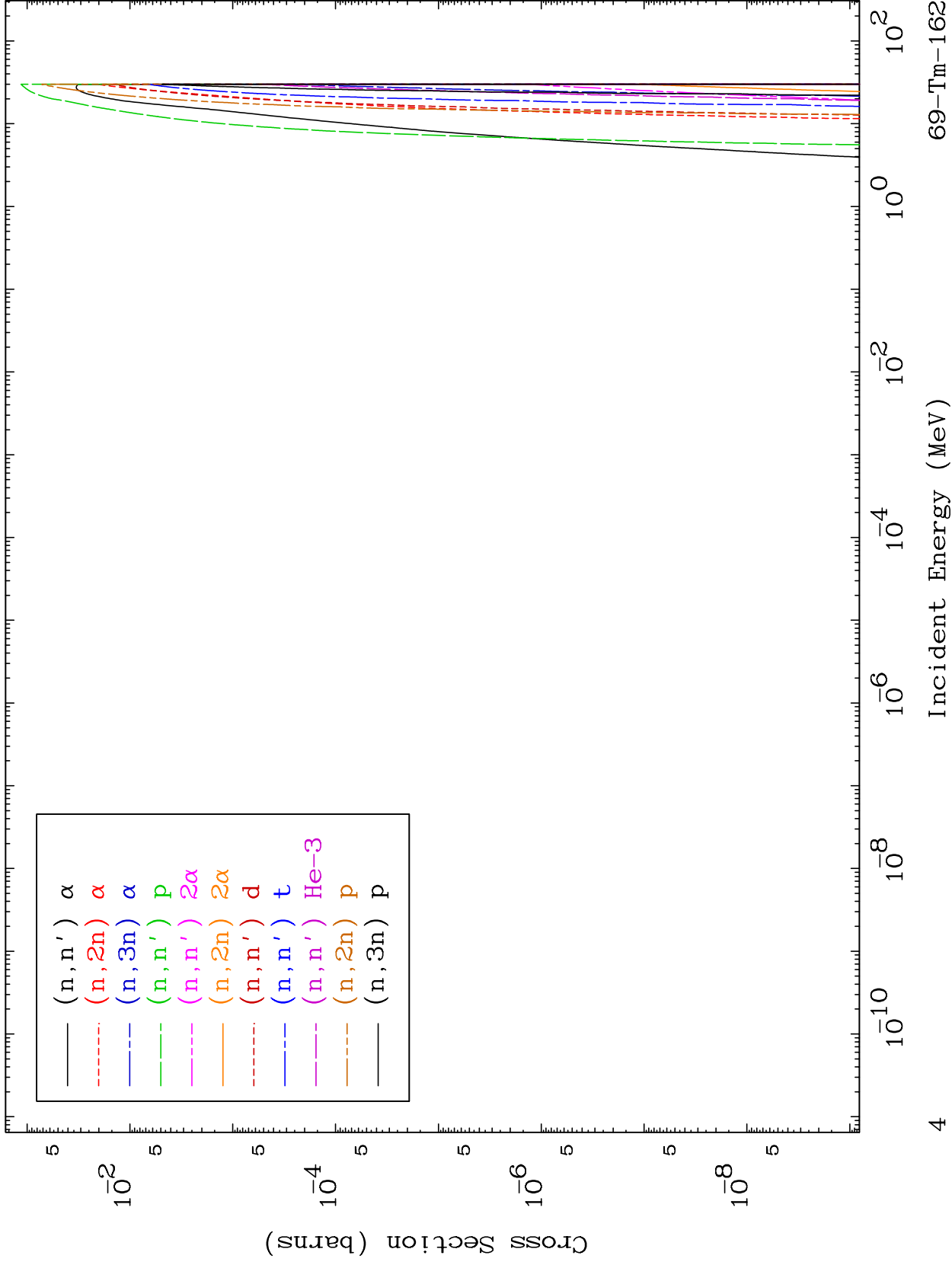
69-Tm-162

3

MAT 6905

Charged Particle  
293 Kelvin Cross Sections

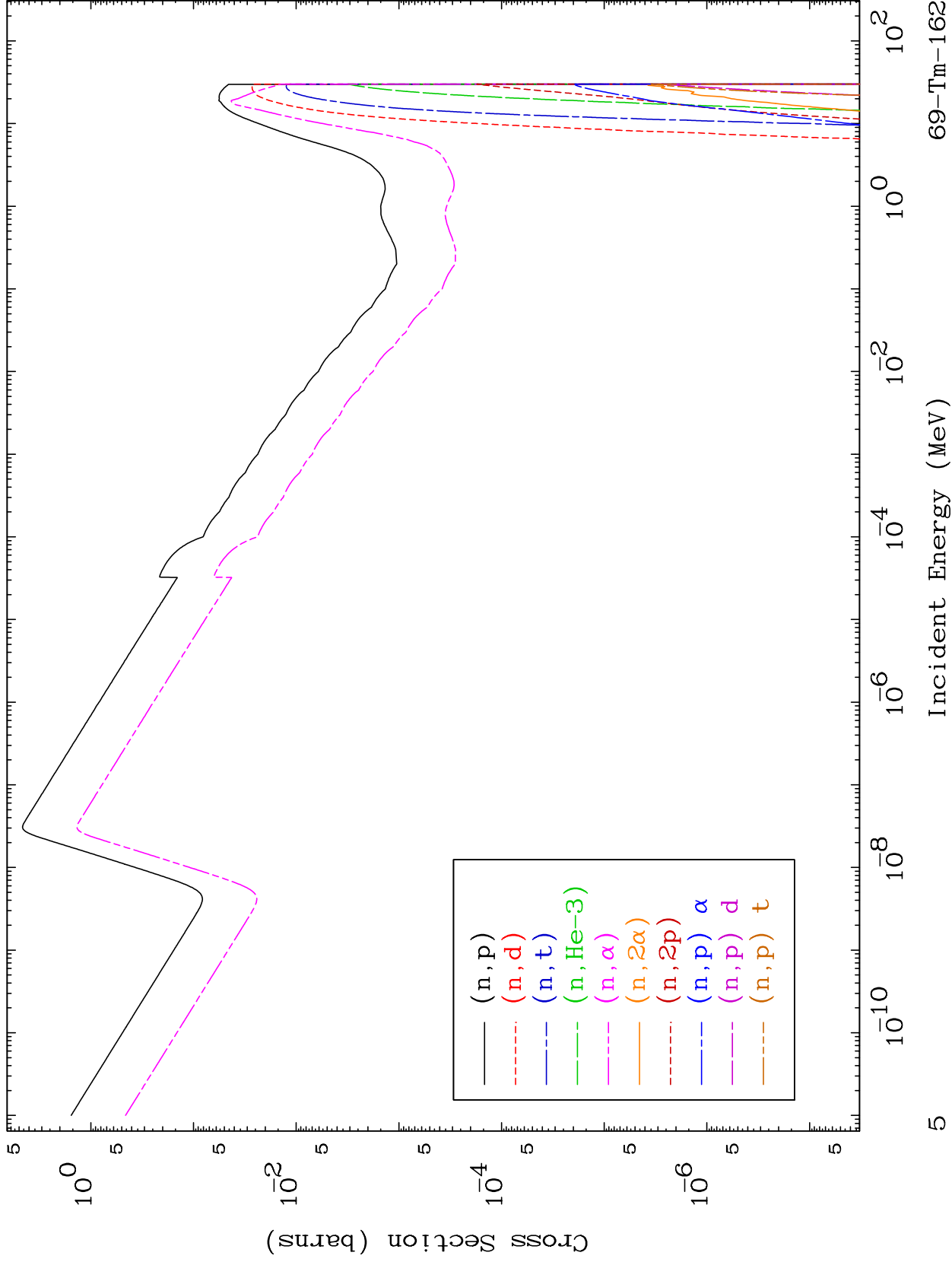
69-Tm-162



MAT 6905

Charged Particle  
293 Kelvin Cross Sections

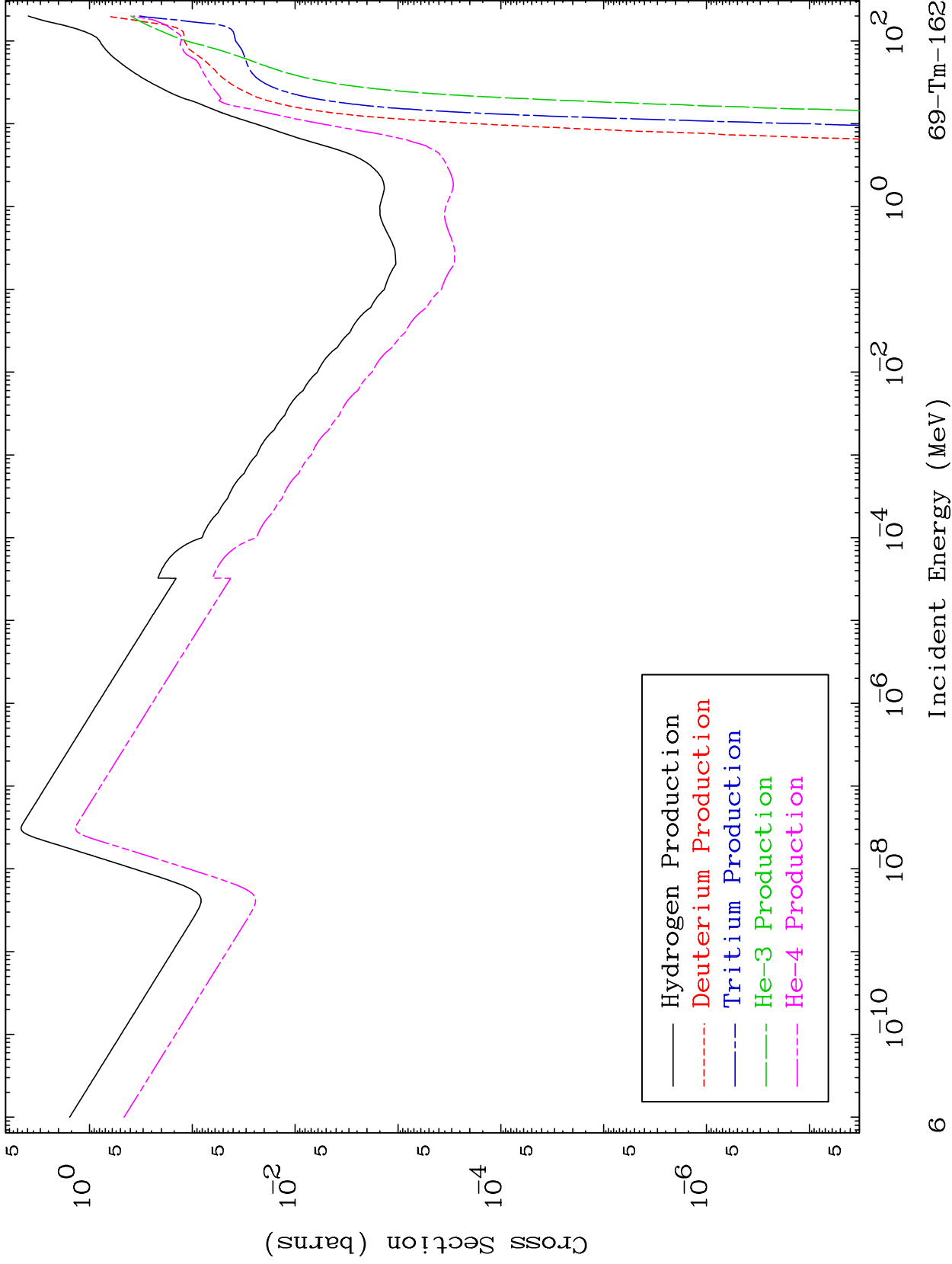
69-Tm-162



MAT 6905

Particle Production  
293 Kelvin Cross Sections

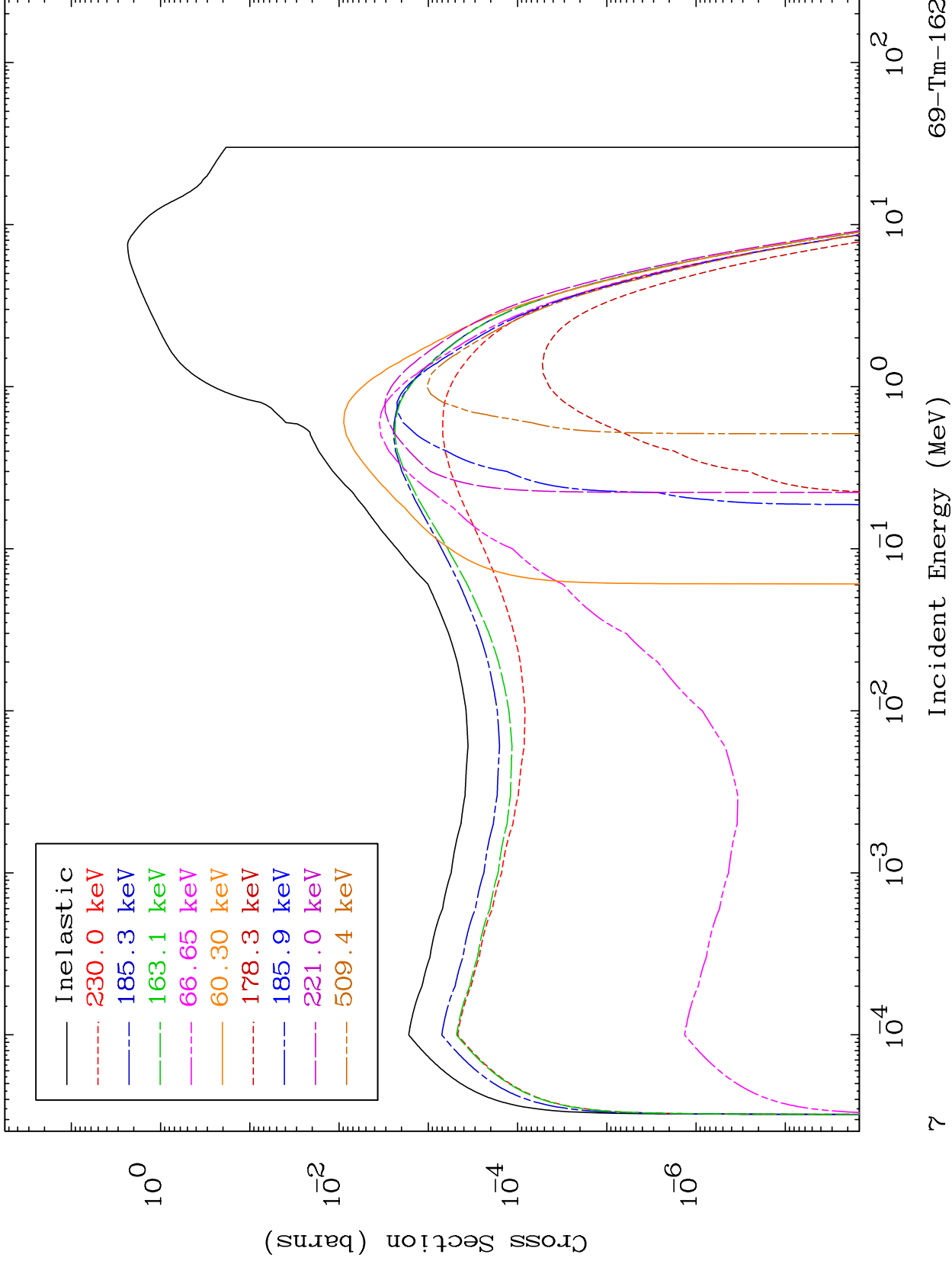
69-Tm-162



MAT 6905

(n,n') Level  
293 Kelvin Cross Sections

69-Tm-162



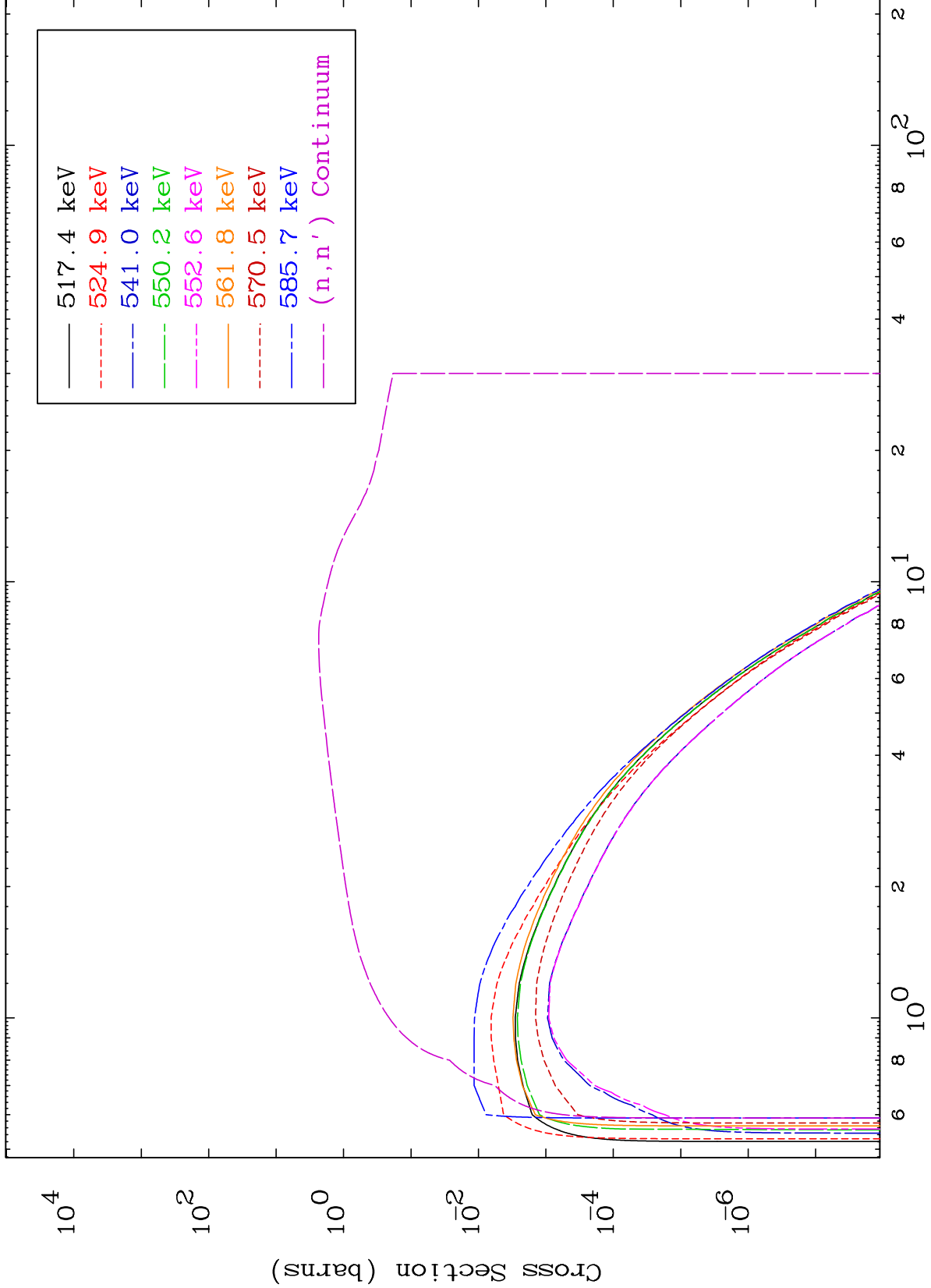


MAT 6905

(n,n') Level

69-Tm-162

293 Kelvin Cross Sections



8

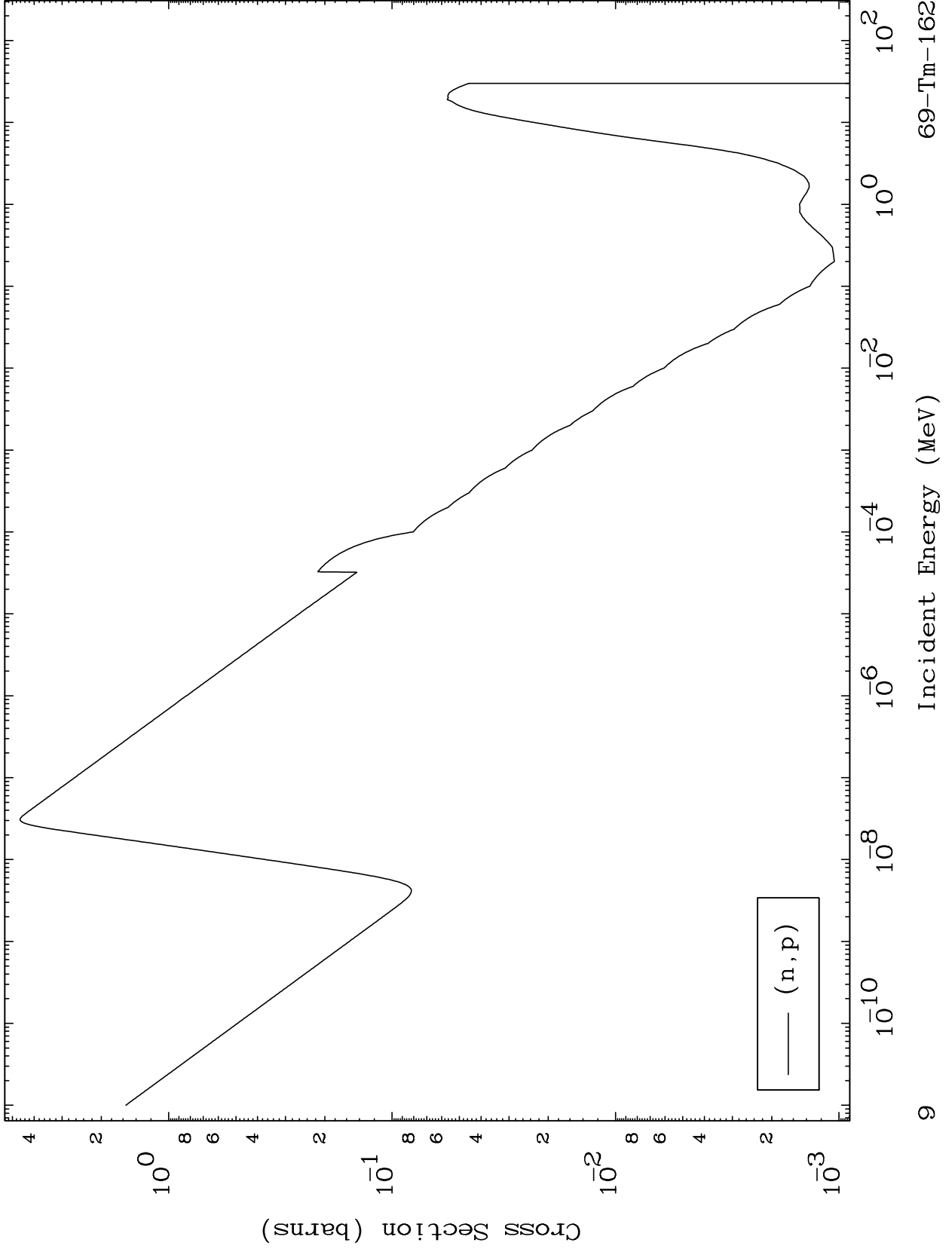
Incident Energy (MeV)

69-Tm-162

MAT 6905

(n,p) Levels  
293 Kelvin Cross Sections

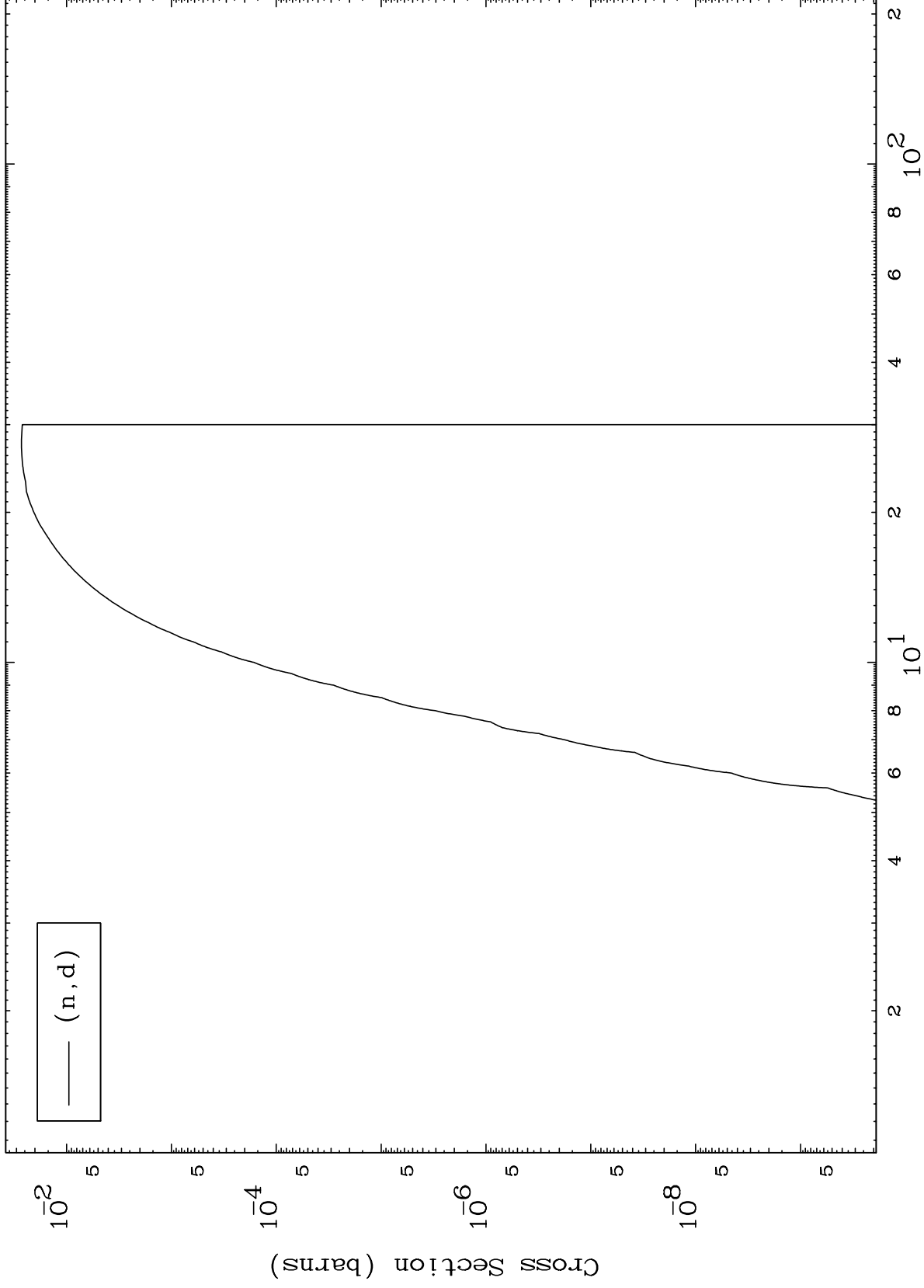
69-Tm-162



MAT 6905

(n,d) Levels  
293 Kelvin Cross Sections

69-Tm-162



10

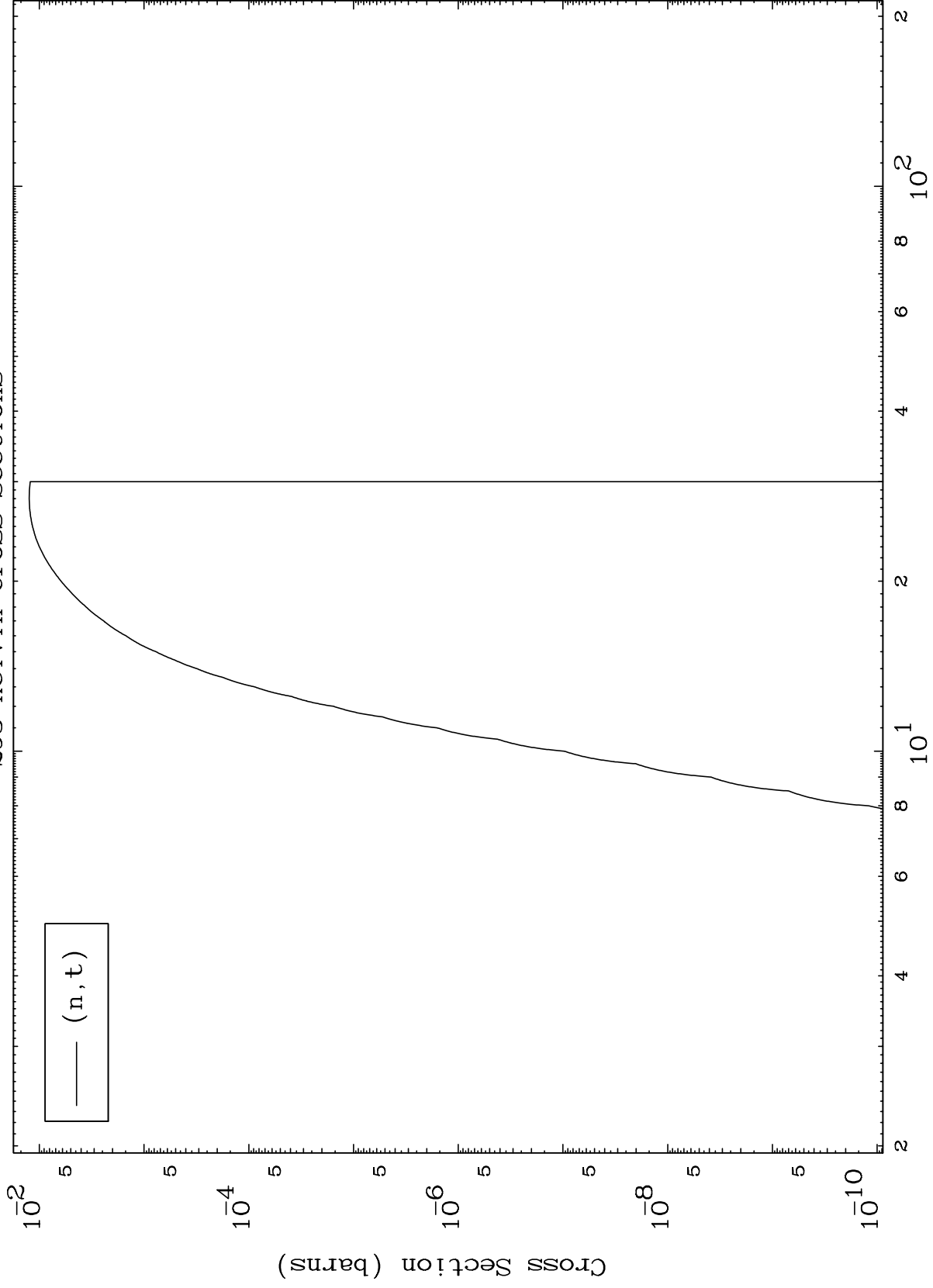
Incident Energy (MeV)

69-Tm-162

MAT 6905

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-162



11

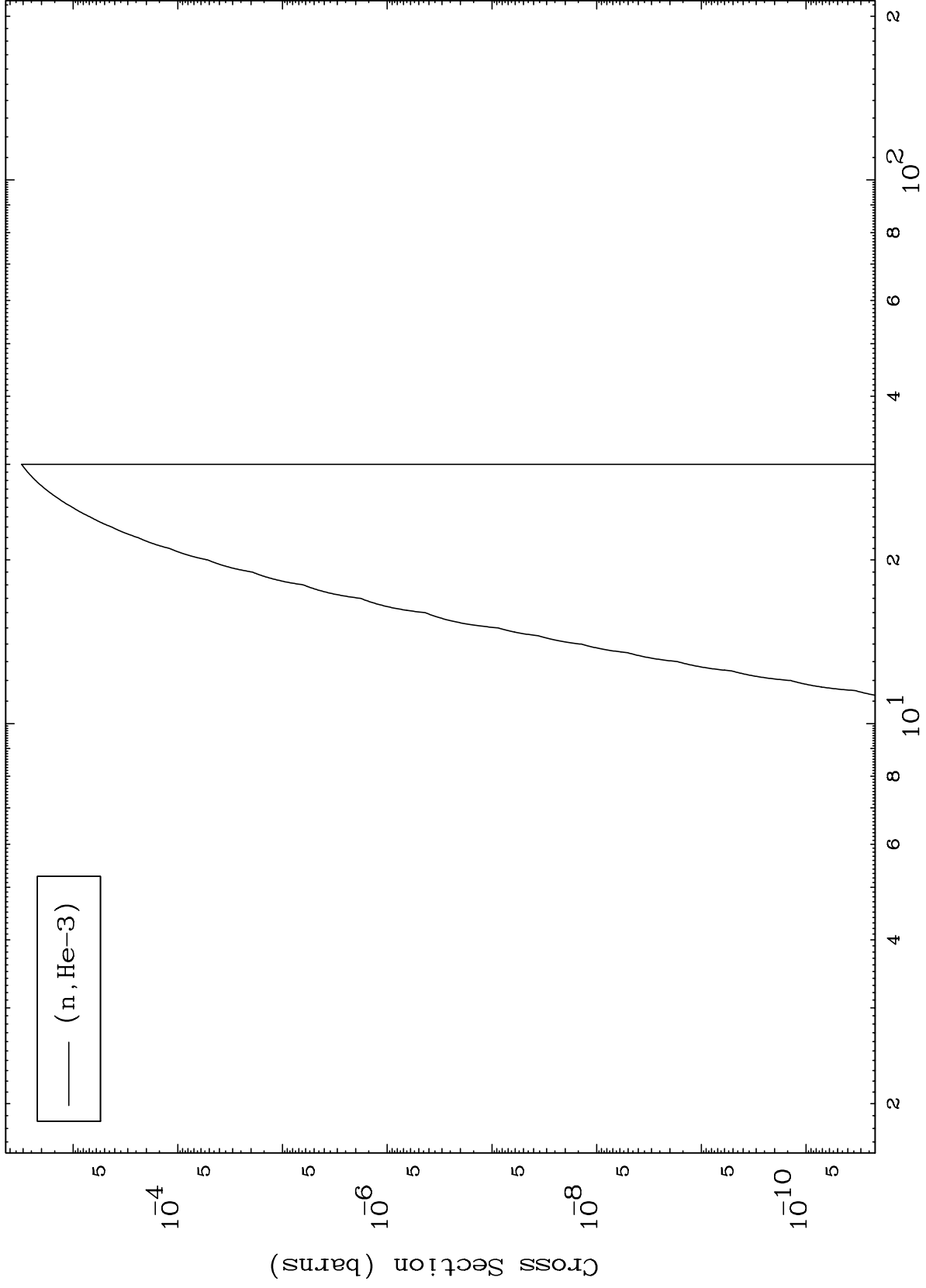
Incident Energy (MeV)

69-Tm-162

MAT 6905

(n,He3) Levels  
293 Kelvin Cross Sections

69-Tm-162



12

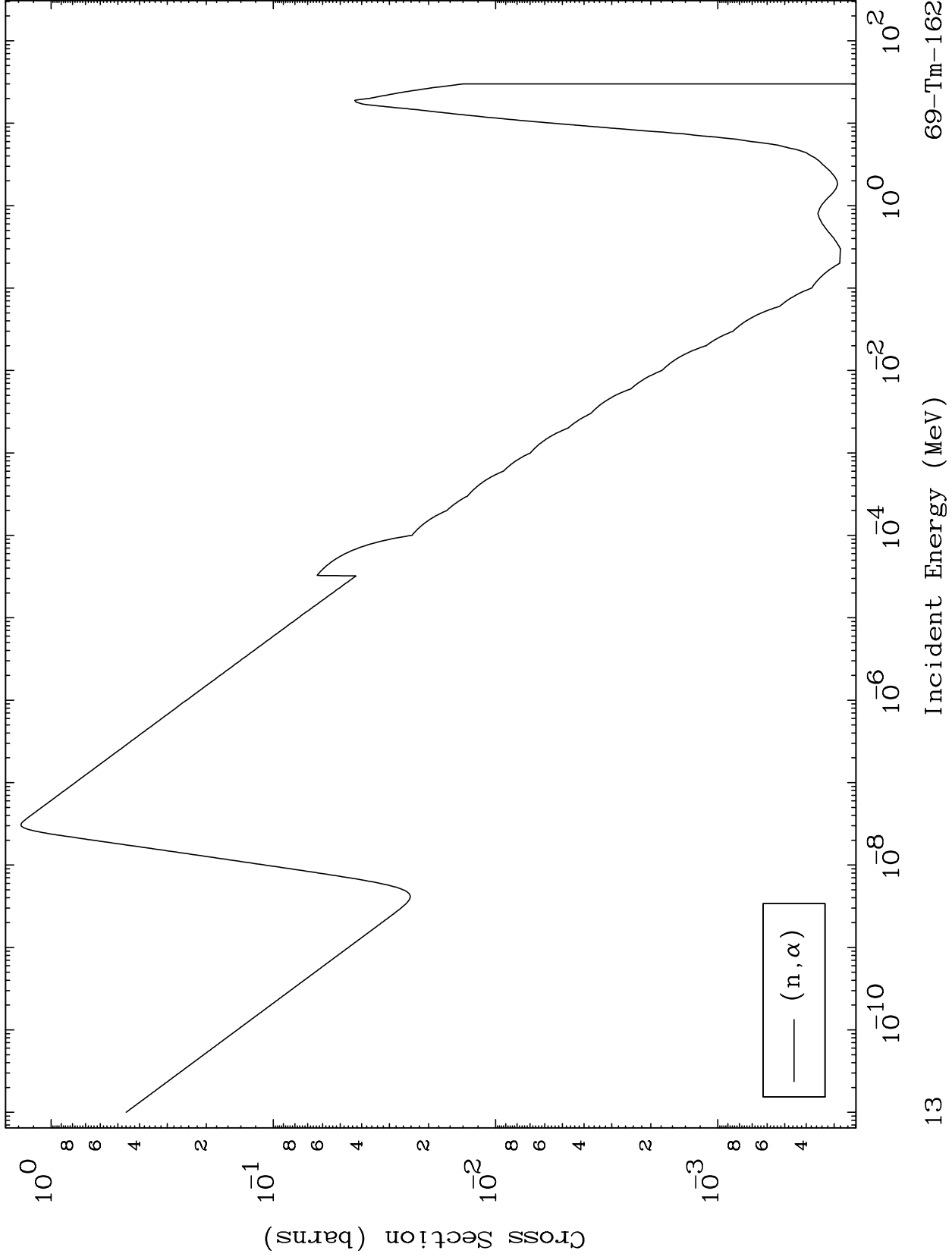
Incident Energy (MeV)

69-Tm-162

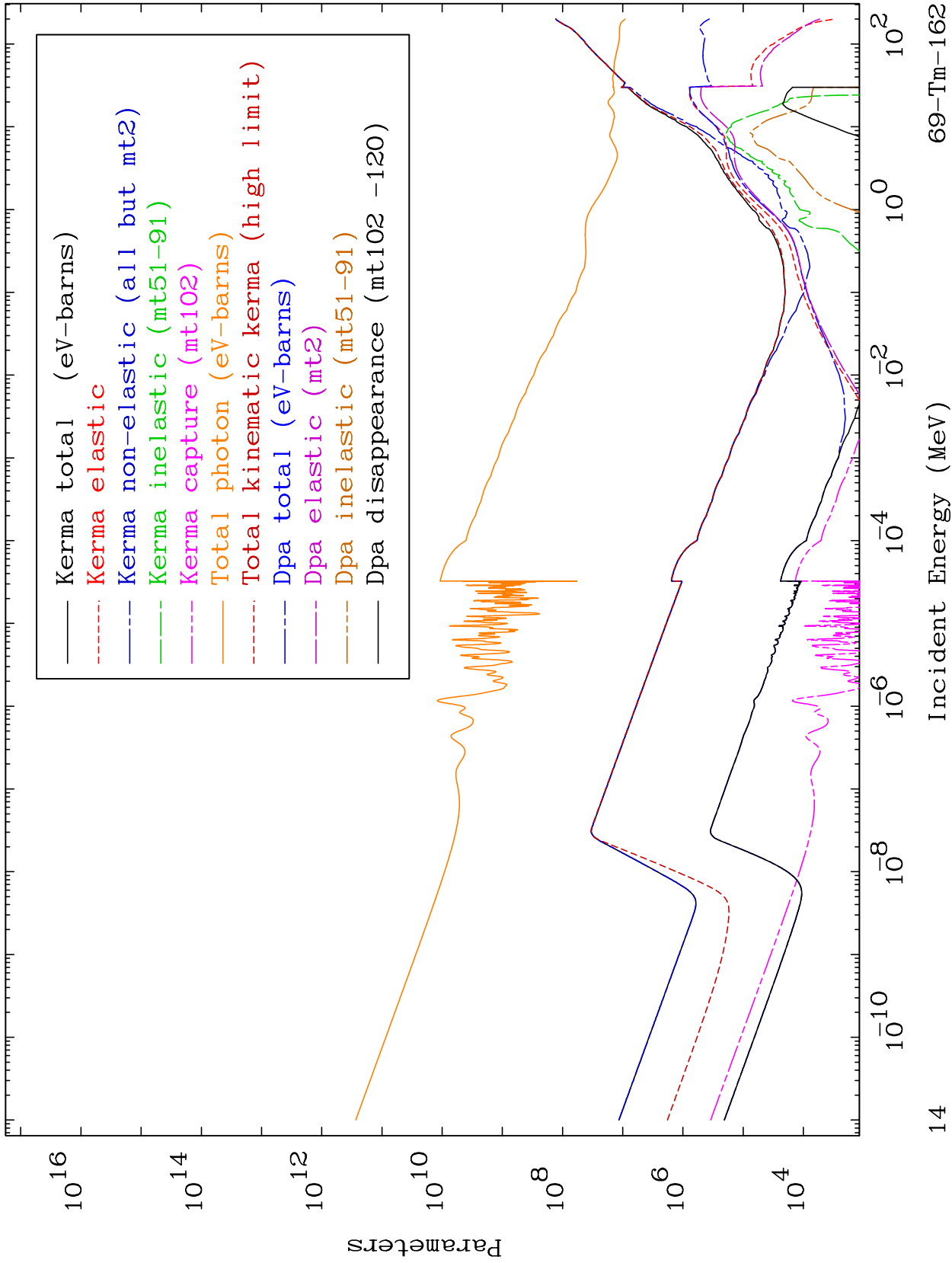
MAT 6905

(n,α) Levels  
293 Kelvin Cross Sections

69-Tm-162



13





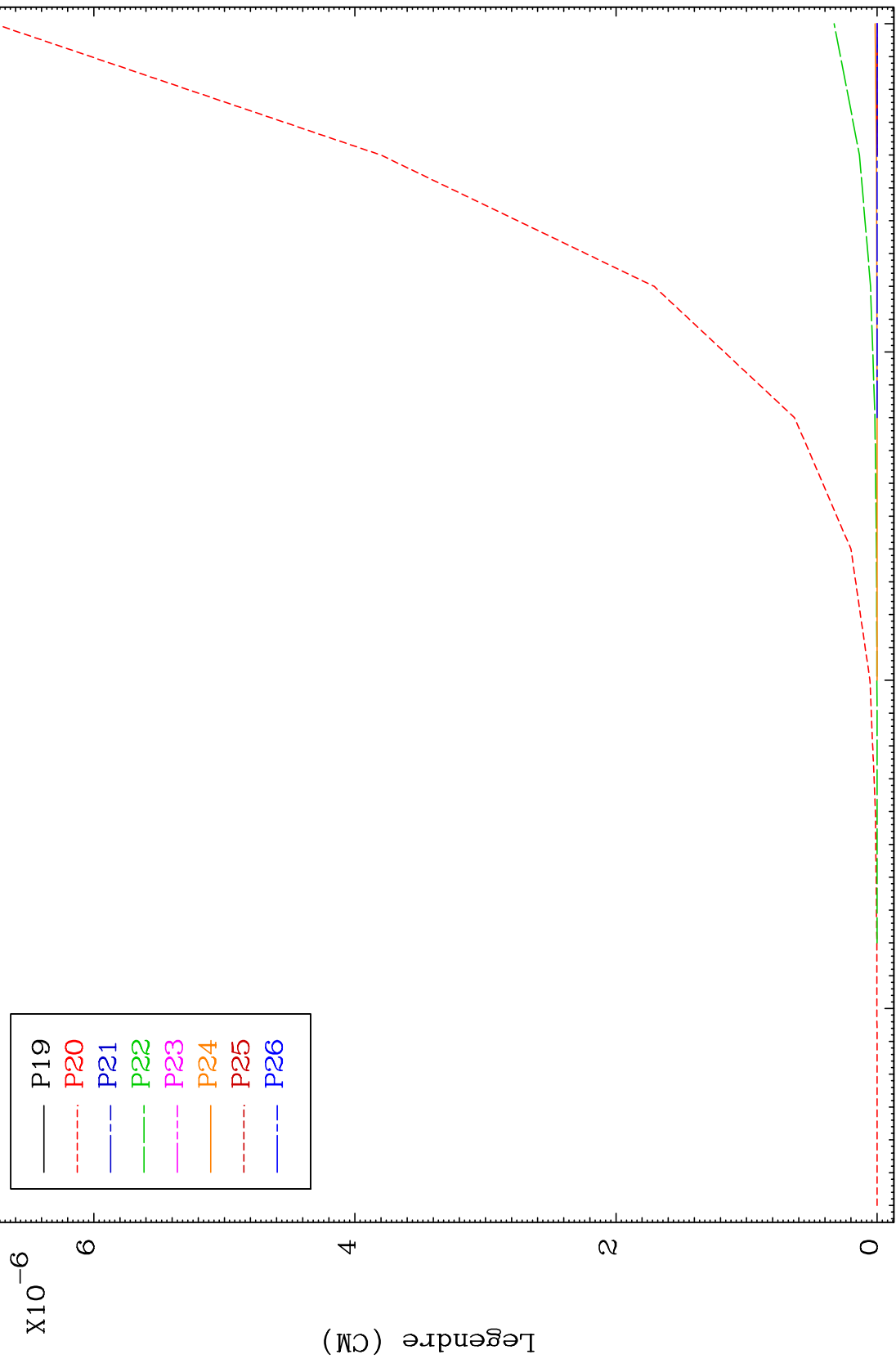
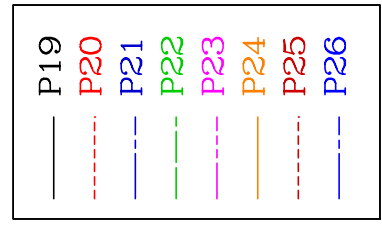




MAT 6905

Elastic  
Legendre Coefficients

69-Tm-162



17

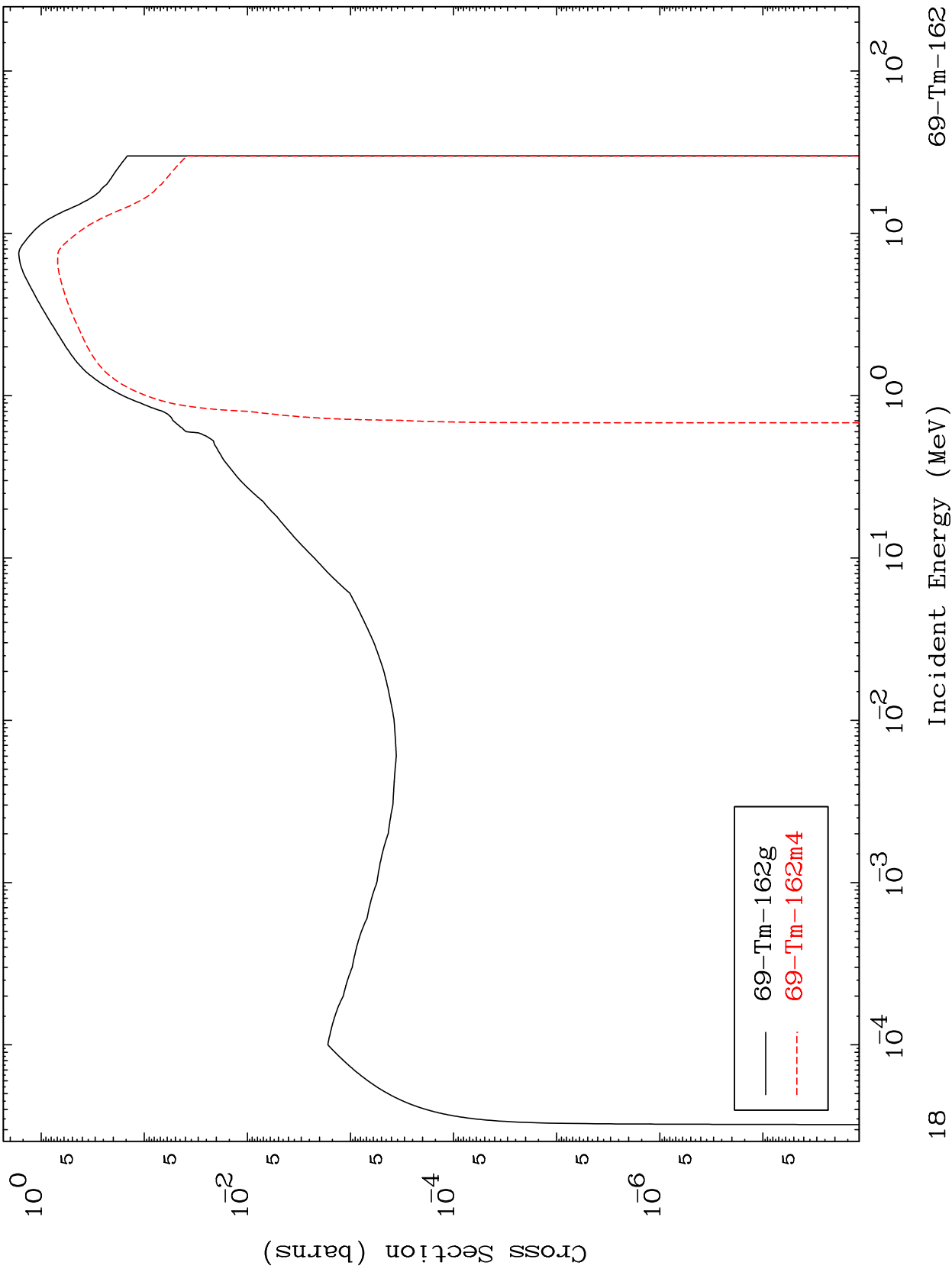
Incident Energy (MeV)

69-Tm-162

MAT 6905

69-Tm-162

Inelastic  
Radionuclide Production Cross Section

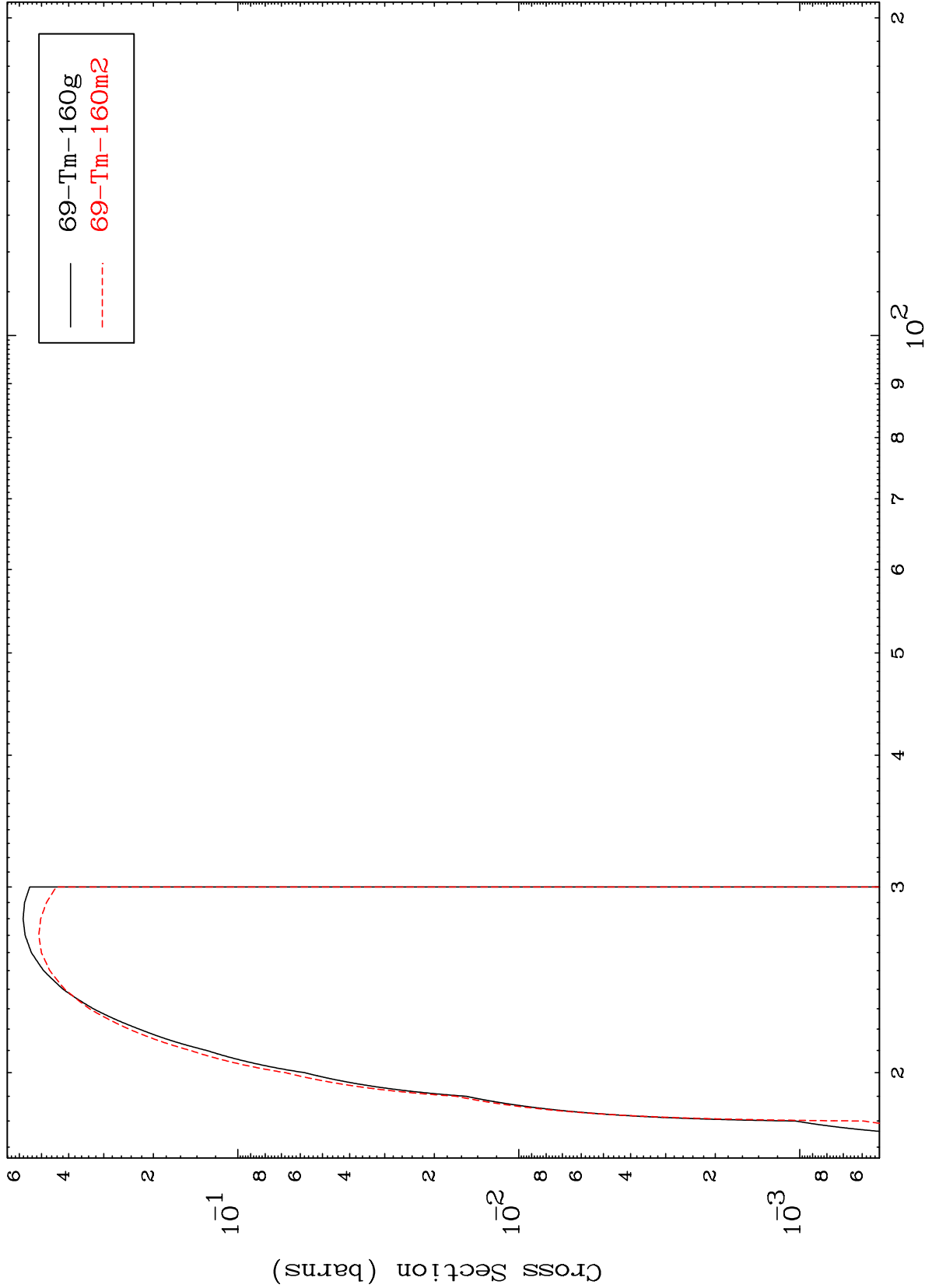


MAT 6905

(n,3n)

69-Tm-162

Radionuclide Production Cross Section



19

Incident Energy (MeV)

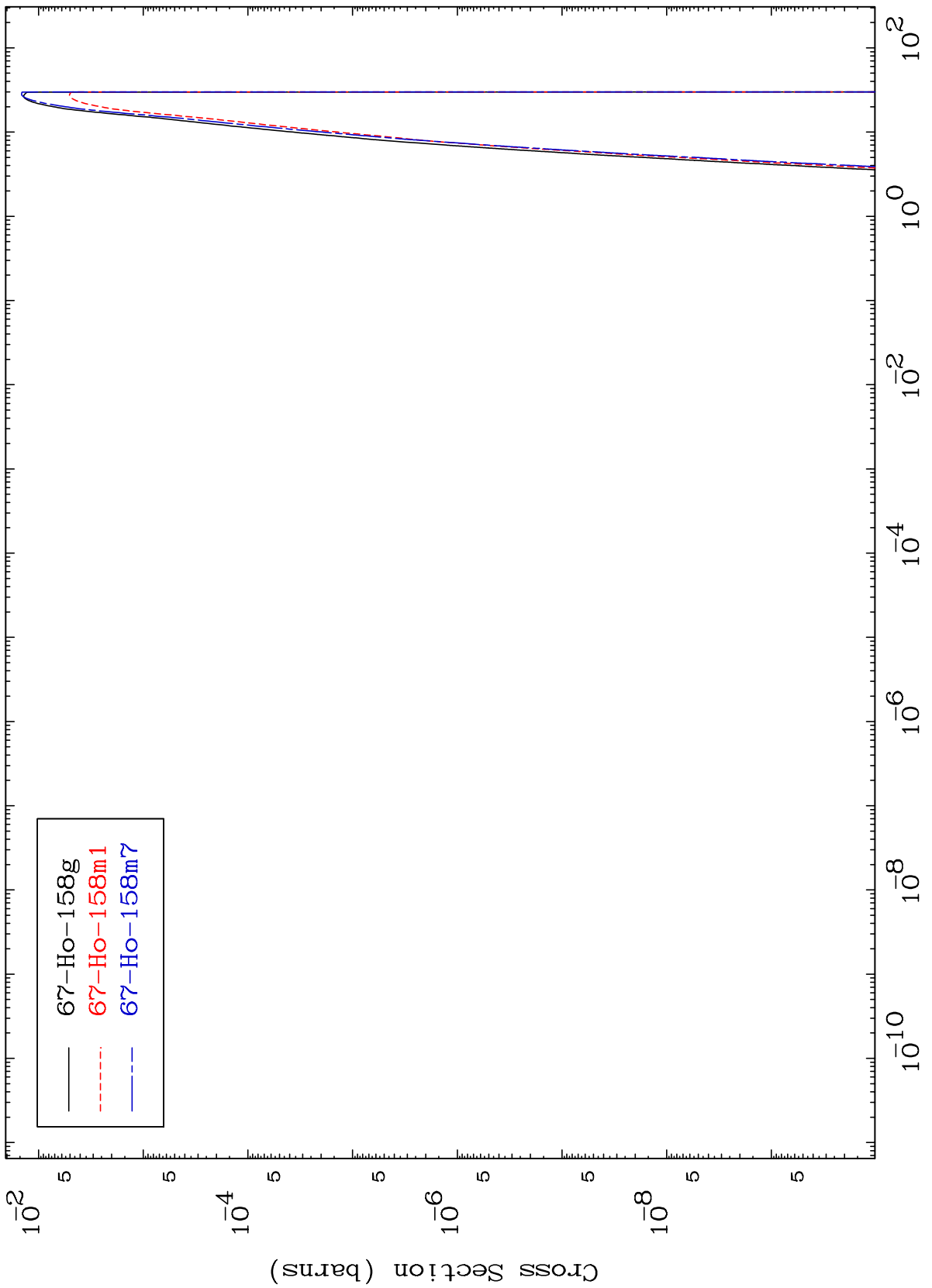
69-Tm-162

MAT 6905

$(n, n') \alpha$

69-Tm-162

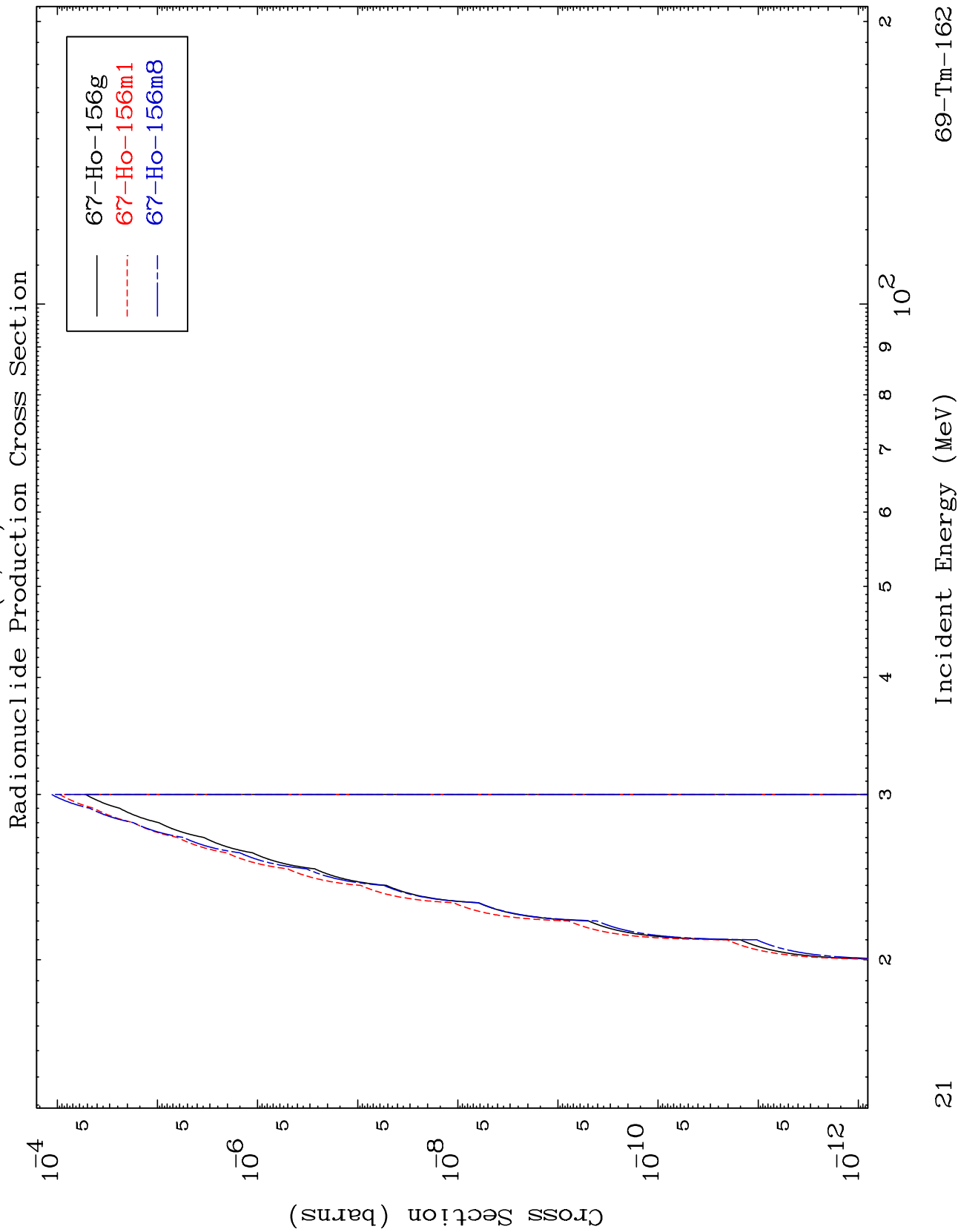
Radionuclide Production Cross Section



20

Incident Energy (MeV)

69-Tm-162

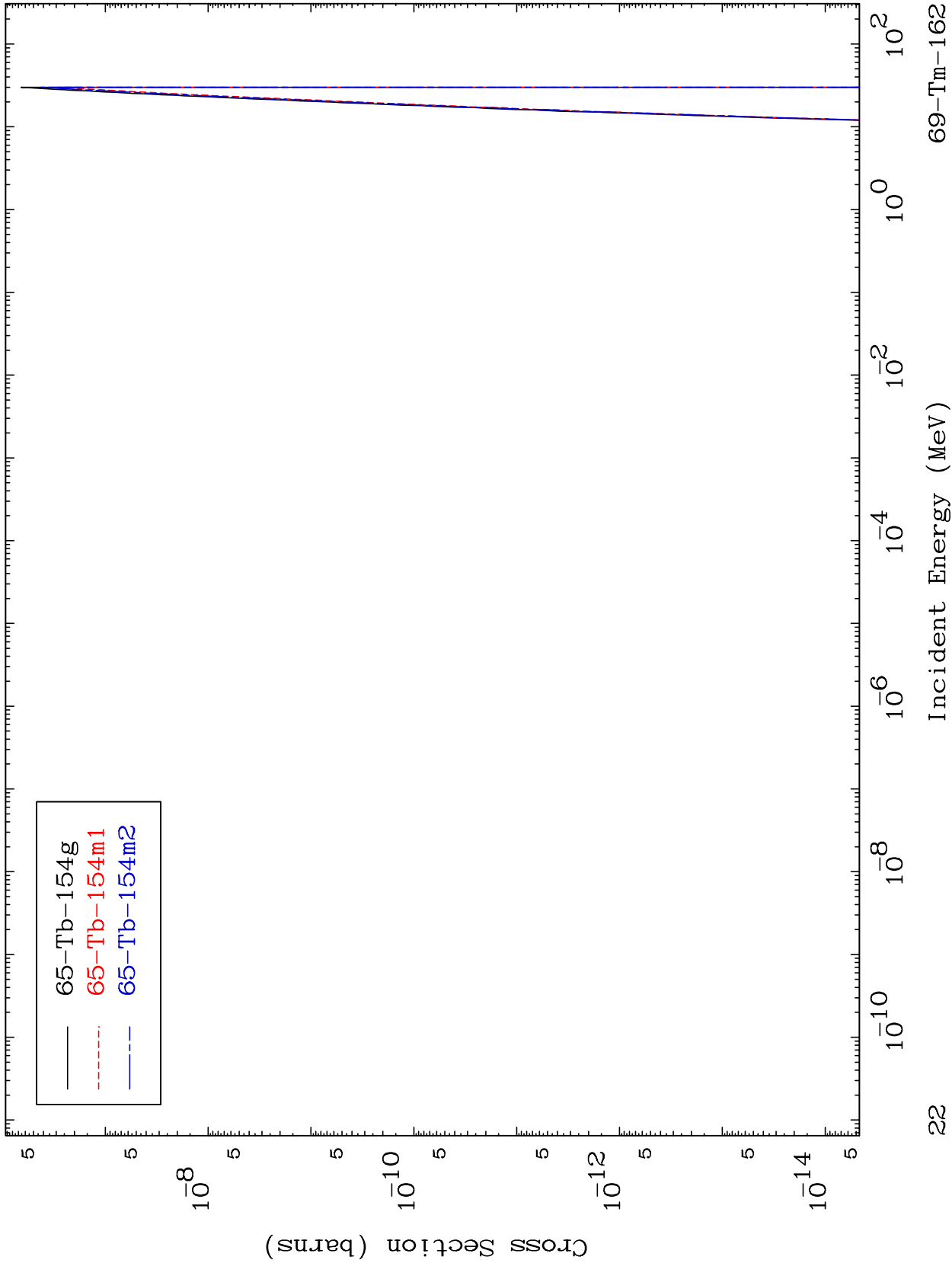


MAT 6905

(n,n') 2α

69-Tm-162

Radionuclide Production Cross Section

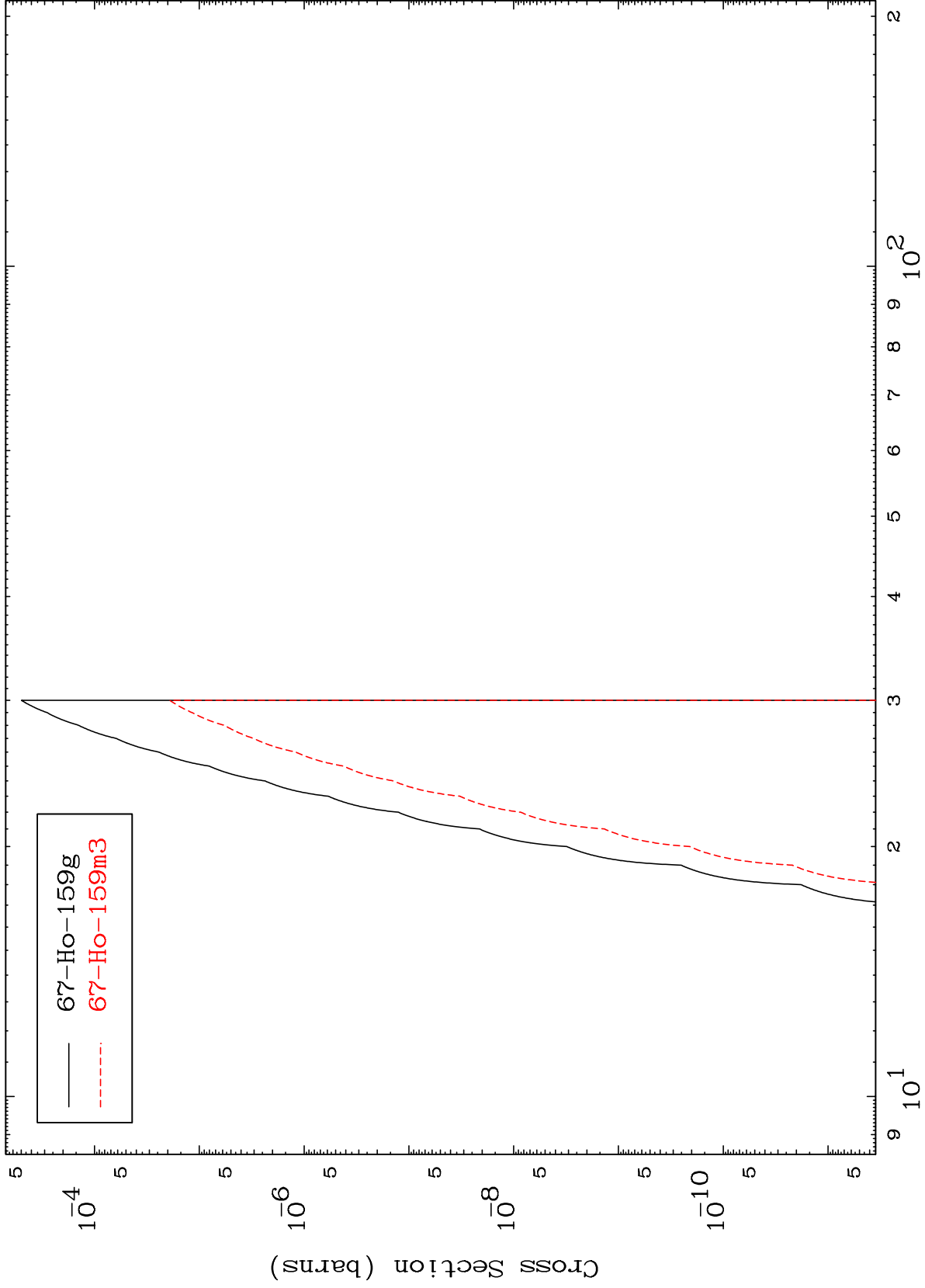


MAT 6905

(n,n') He-3

69-Tm-162

Radionuclide Production Cross Section



23

Incident Energy (MeV)

69-Tm-162

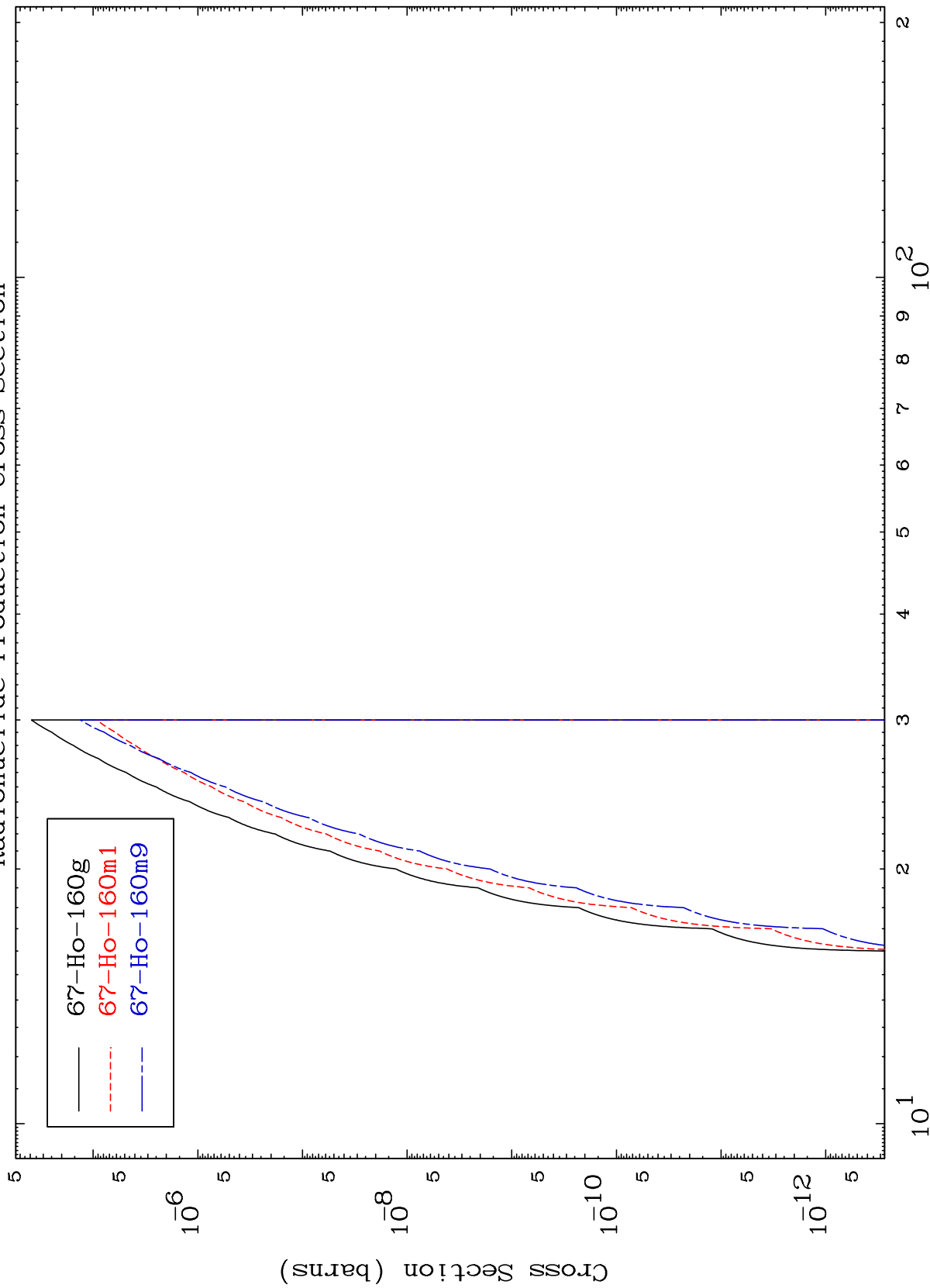


MAT 6905

(n,2n) p

69-Tm-162

Radionuclide Production Cross Section



Incident Energy (MeV)

69-Tm-162

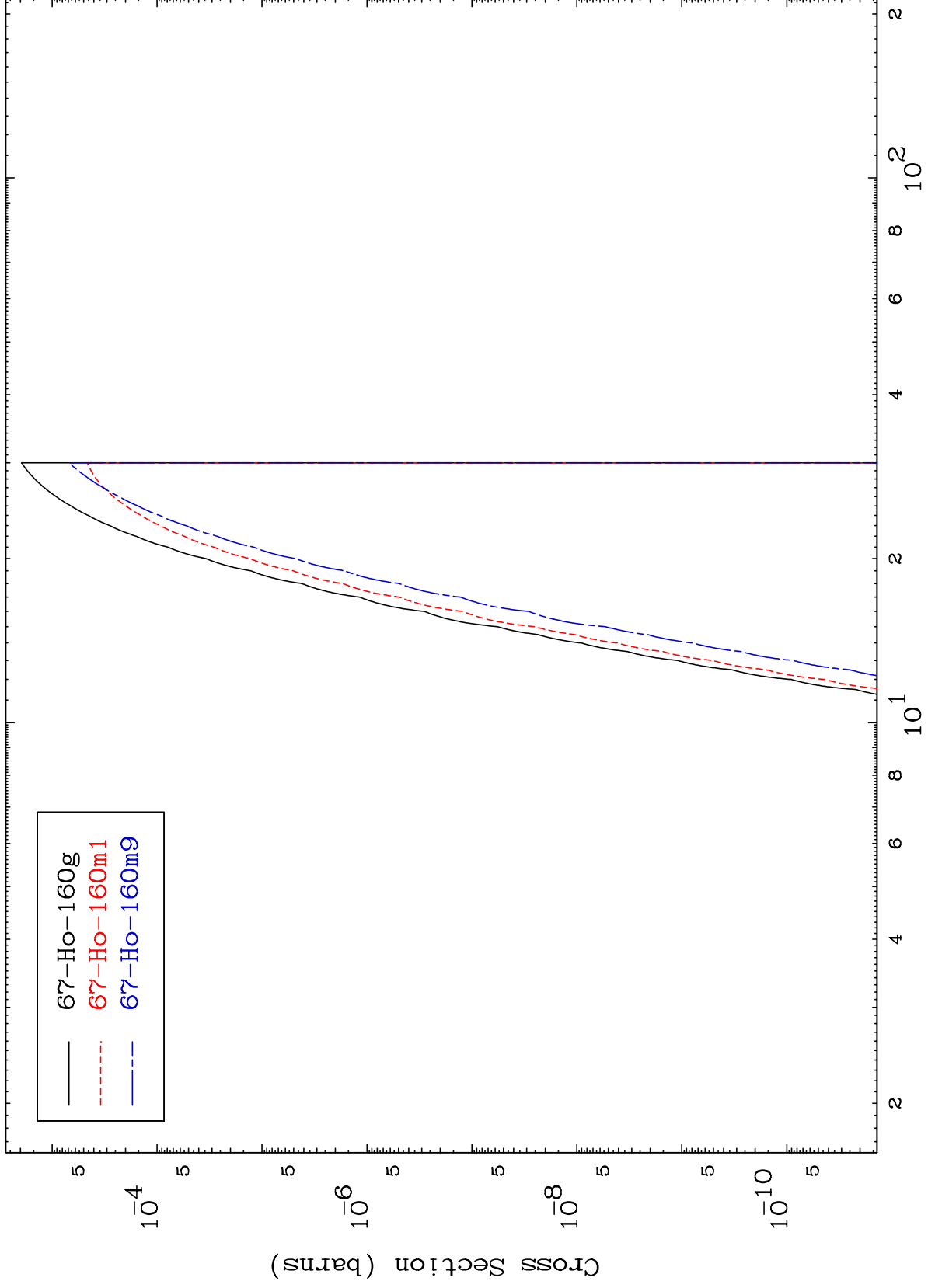
24

MAT 6905

(n,He-3)

69-Tm-162

Radionuclide Production Cross Section



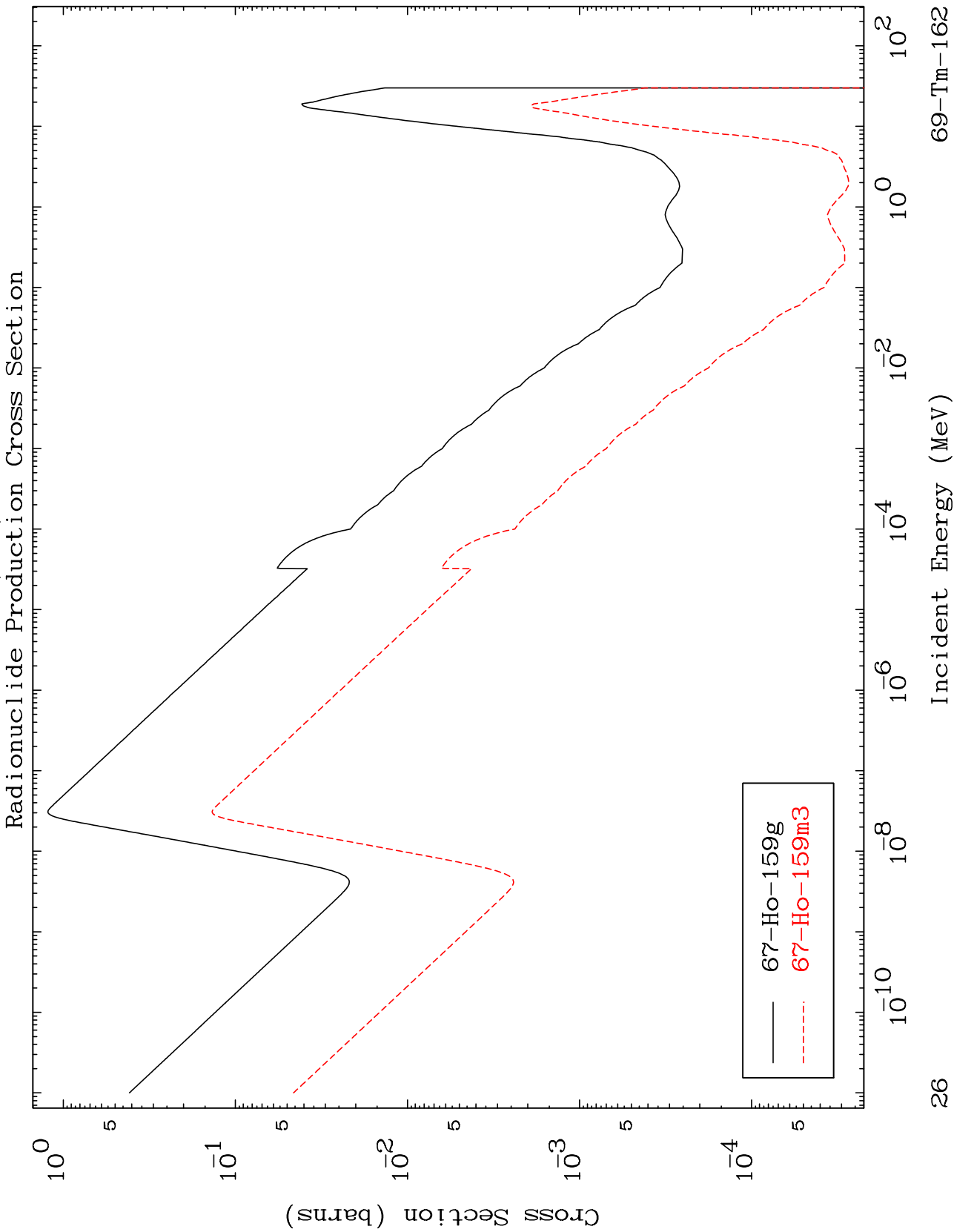
25

Incident Energy (MeV)

69-Tm-162

MAT 6905

69-Tm-162

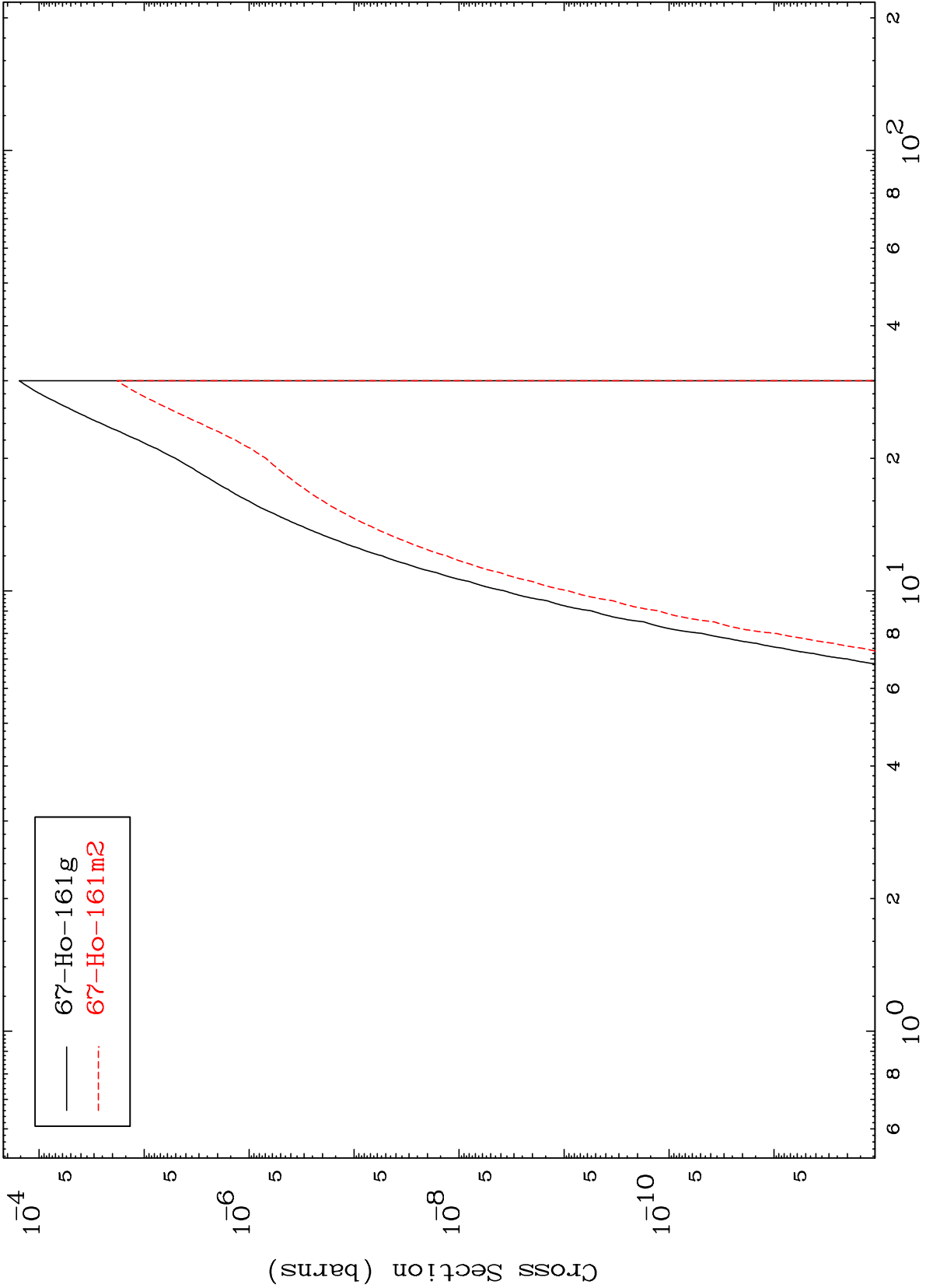


MAT 6905

(n,2p)

69-Tm-162

Radionuclide Production Cross Section



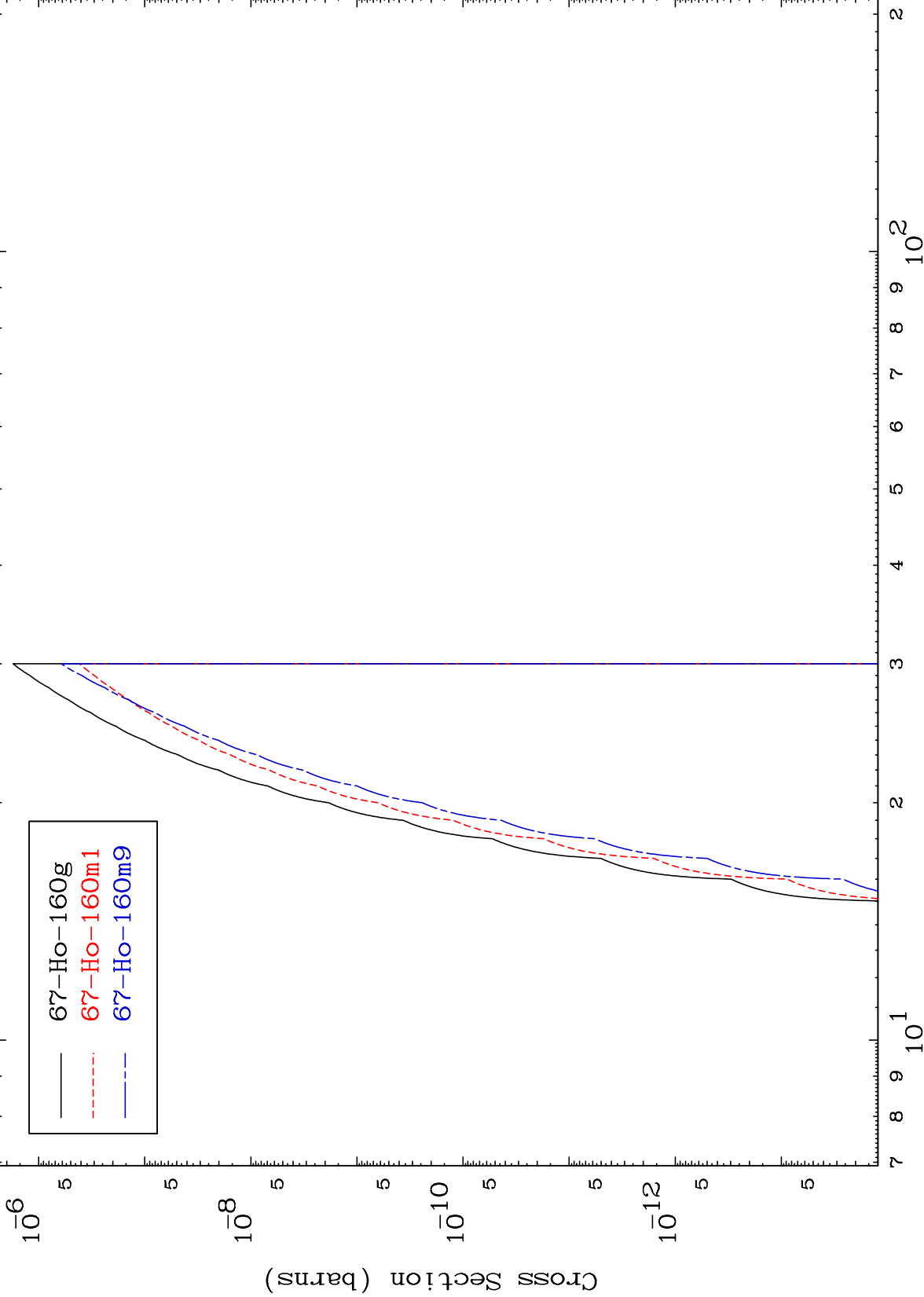
67-Ho-161g  
67-Ho-161m2

MAT 6905

(n,p) d

69-Tm-162

Radionuclide Production Cross Section



28

Incident Energy (MeV)

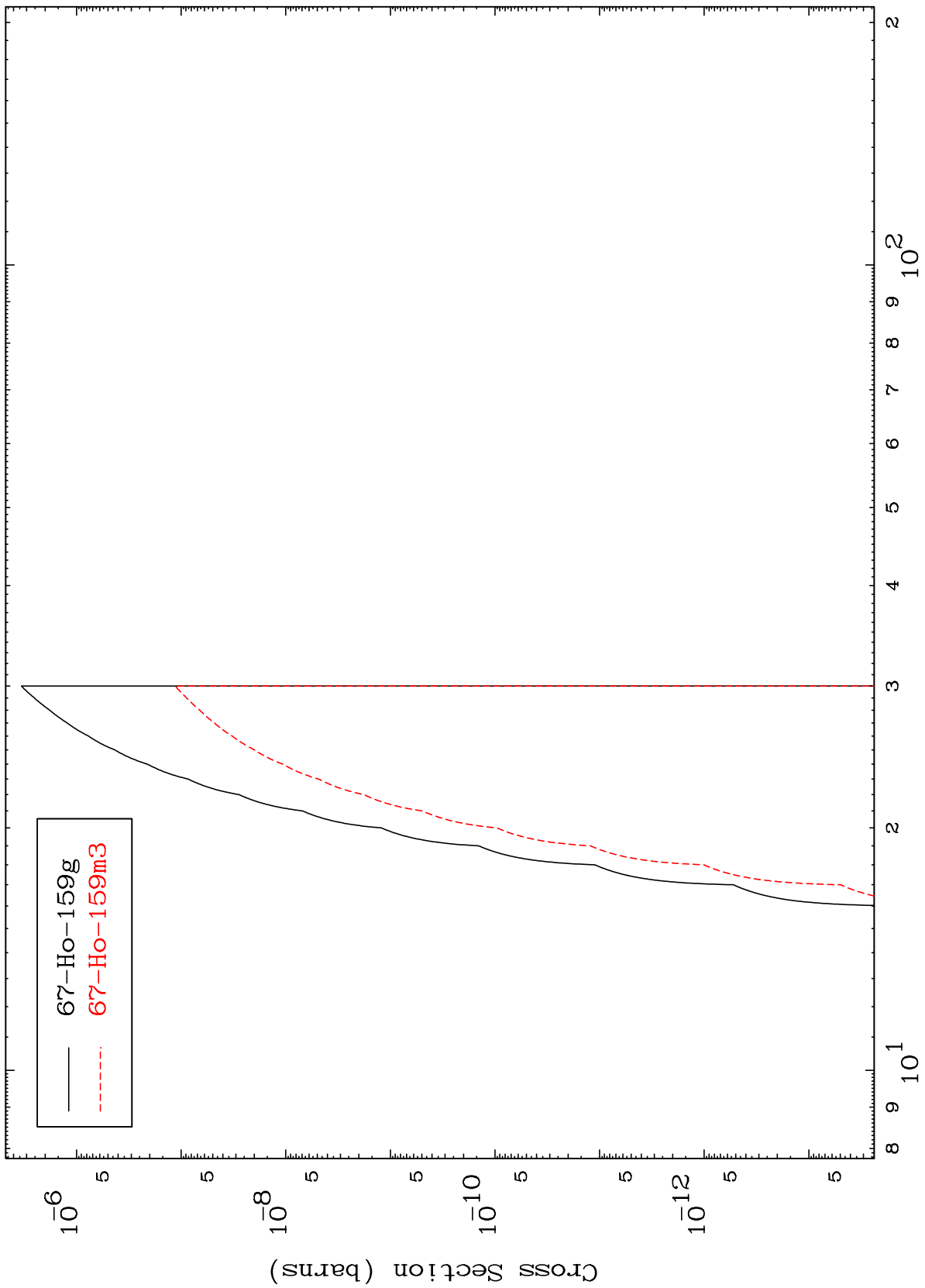
69-Tm-162

MAT 6905

(n,p) t

69-Tm-162

Radionuclide Production Cross Section



67-Ho-159g  
67-Ho-159m3

29

Incident Energy (MeV)

69-Tm-162