

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](mailto:redcullen1@comcast.net)

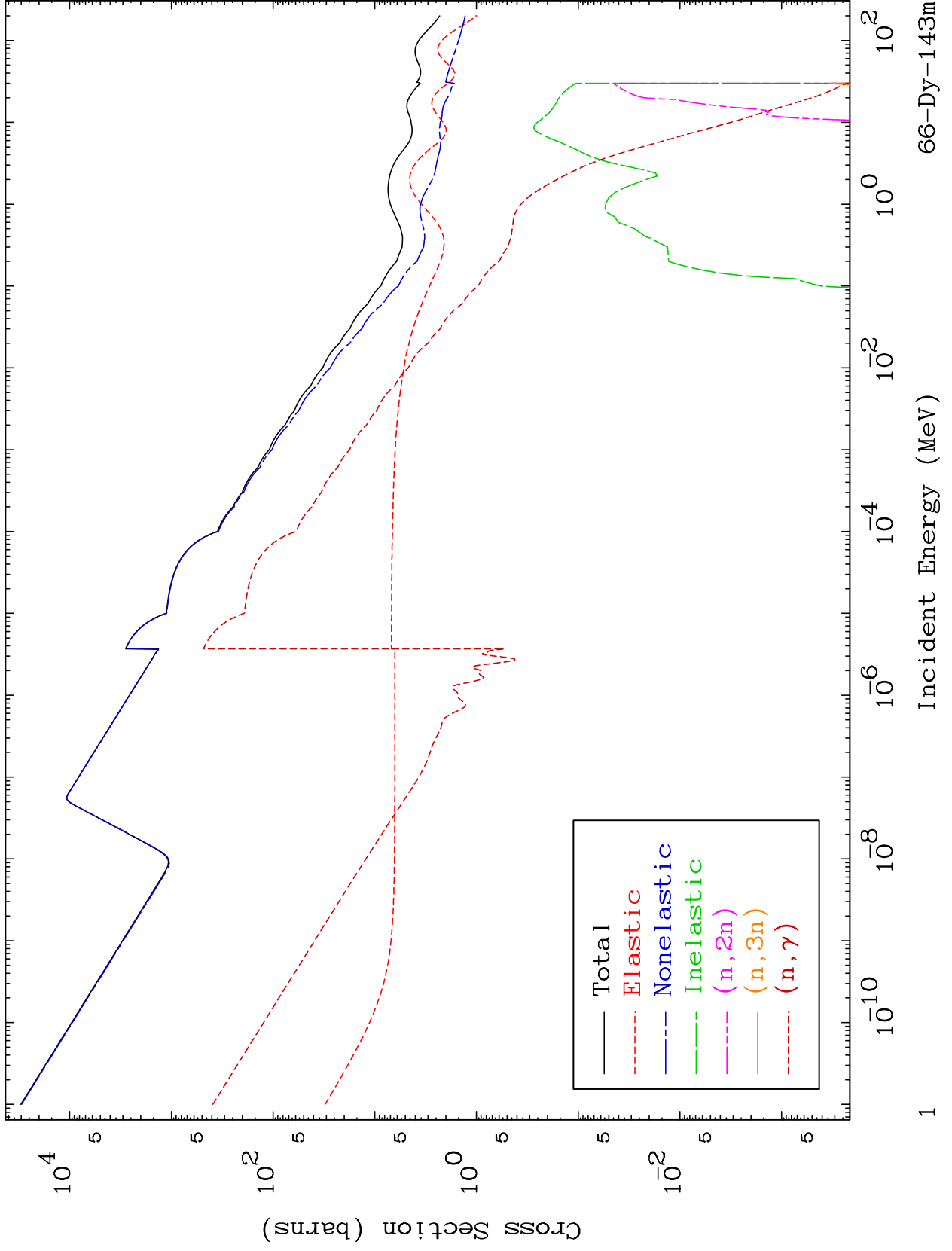
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6587

Neutron Major  
293 Kelvin Cross Sections

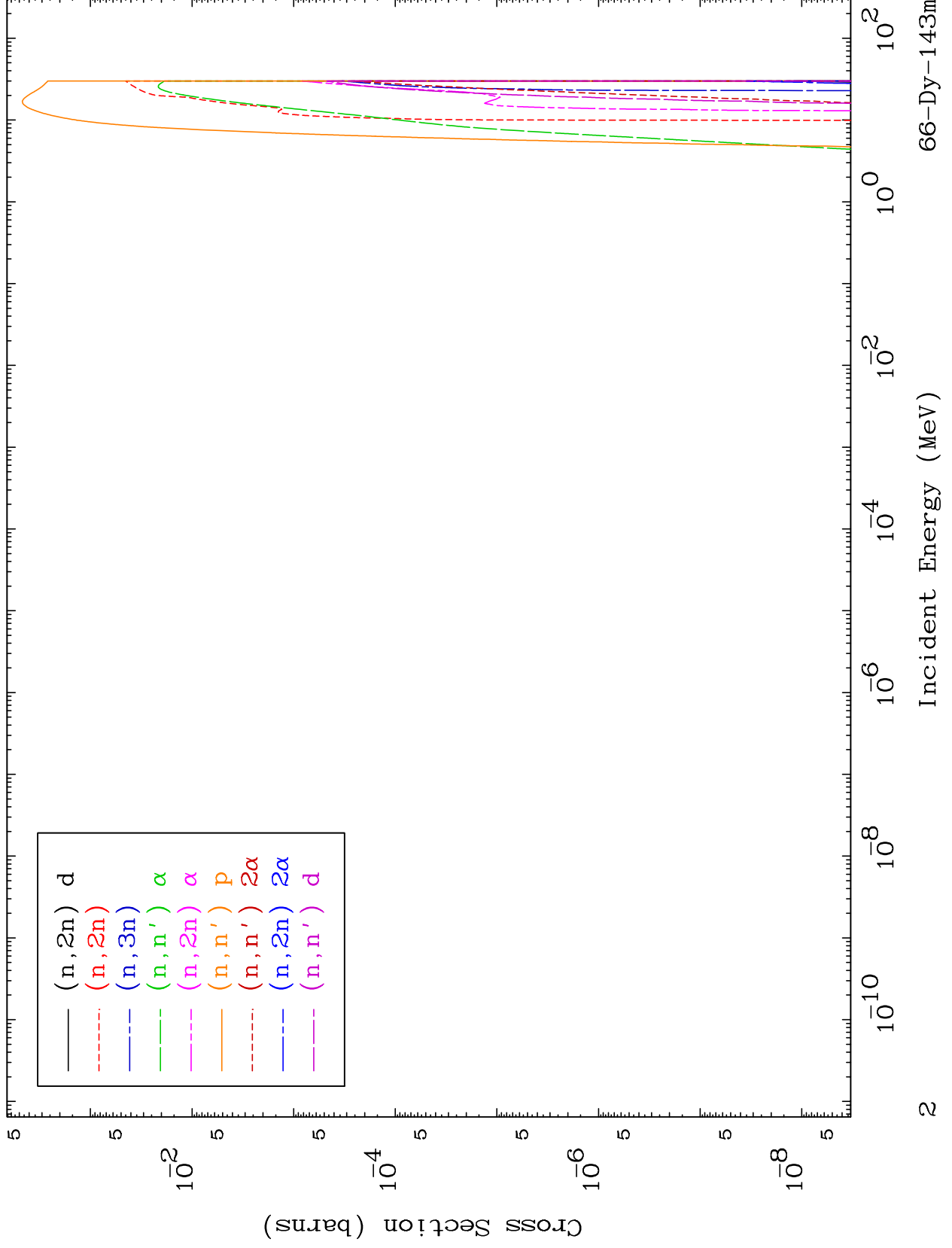
66-Dy-143m



MAT 6587

Neutron Absorption  
293 Kelvin Cross Sections

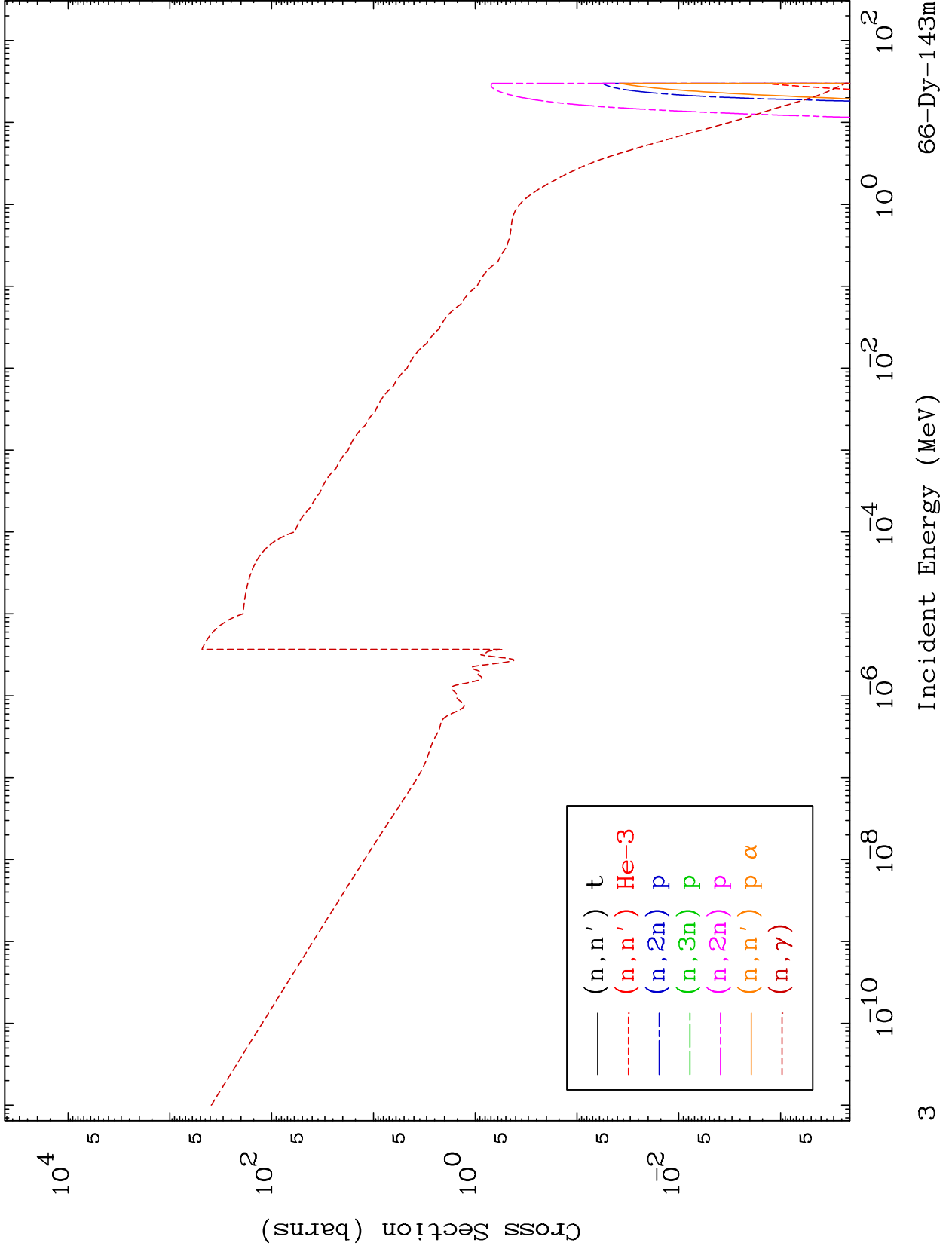
66-Dy-143m



MAT 6587

Neutron Absorption  
293 Kelvin Cross Sections

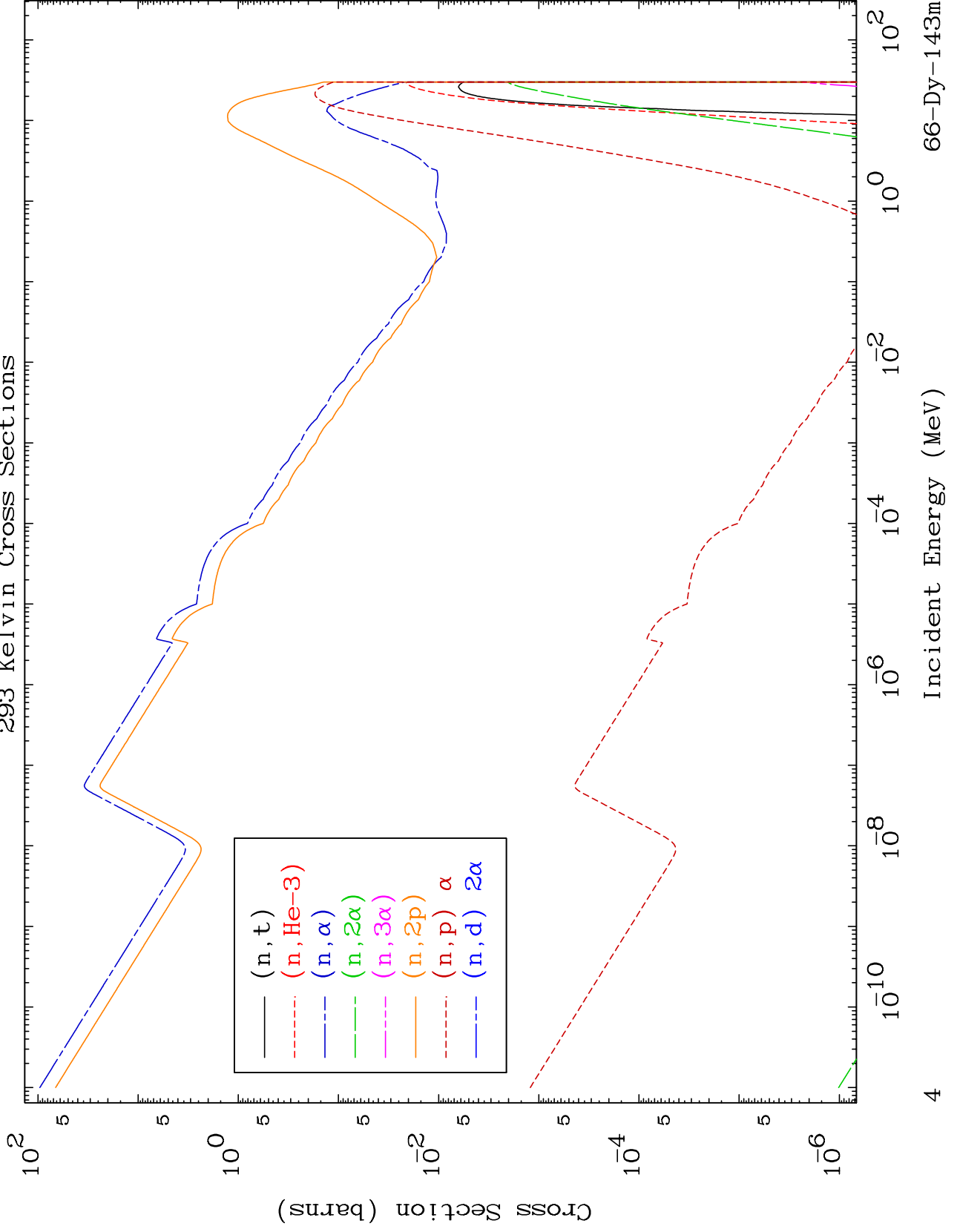
66-Dy-143m



MAT 6587

Neutron Absorption  
293 Kelvin Cross Sections

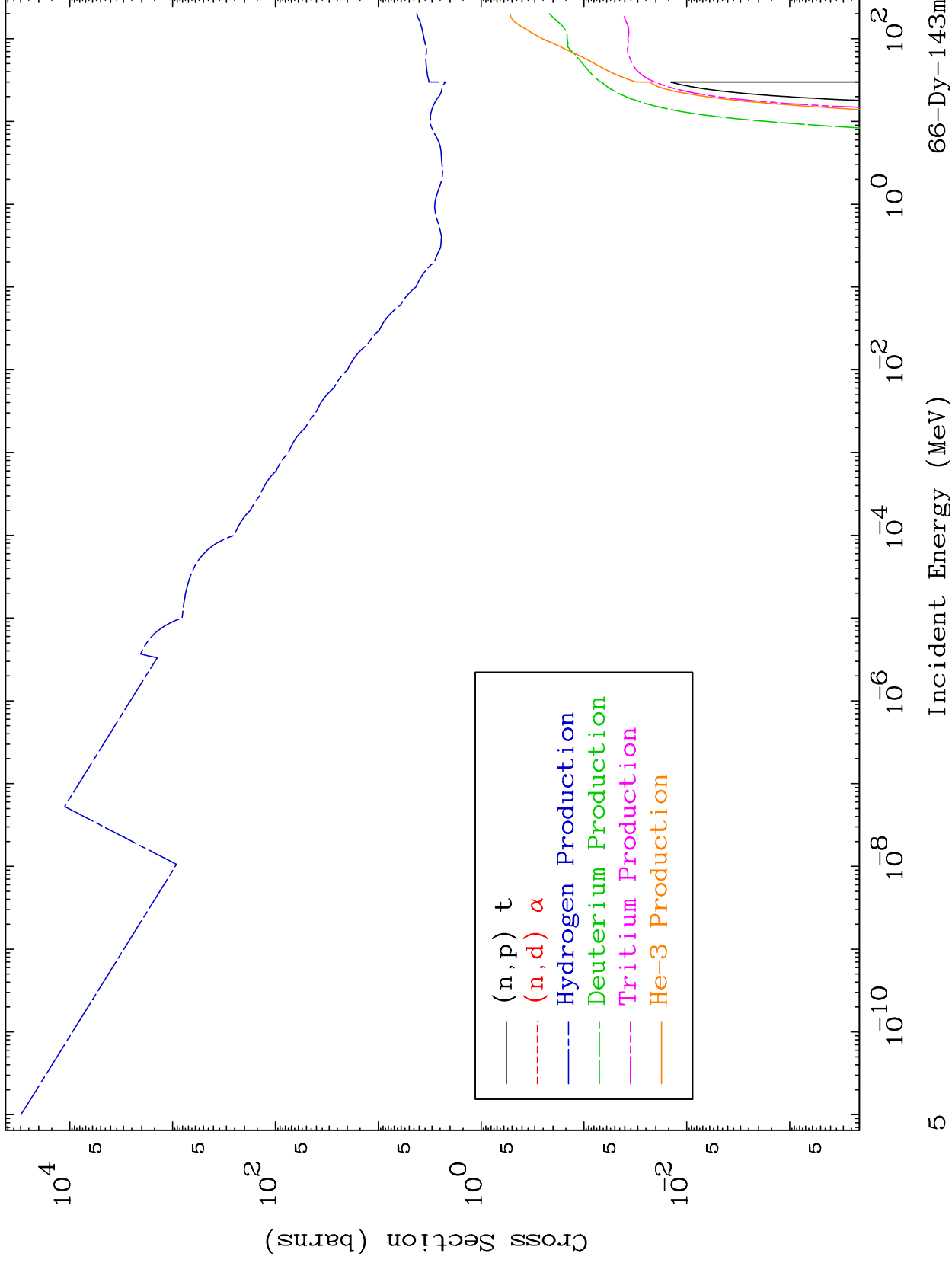
66-Dy-143m



MAT 6587

Neutron Absorption  
293 Kelvin Cross Sections

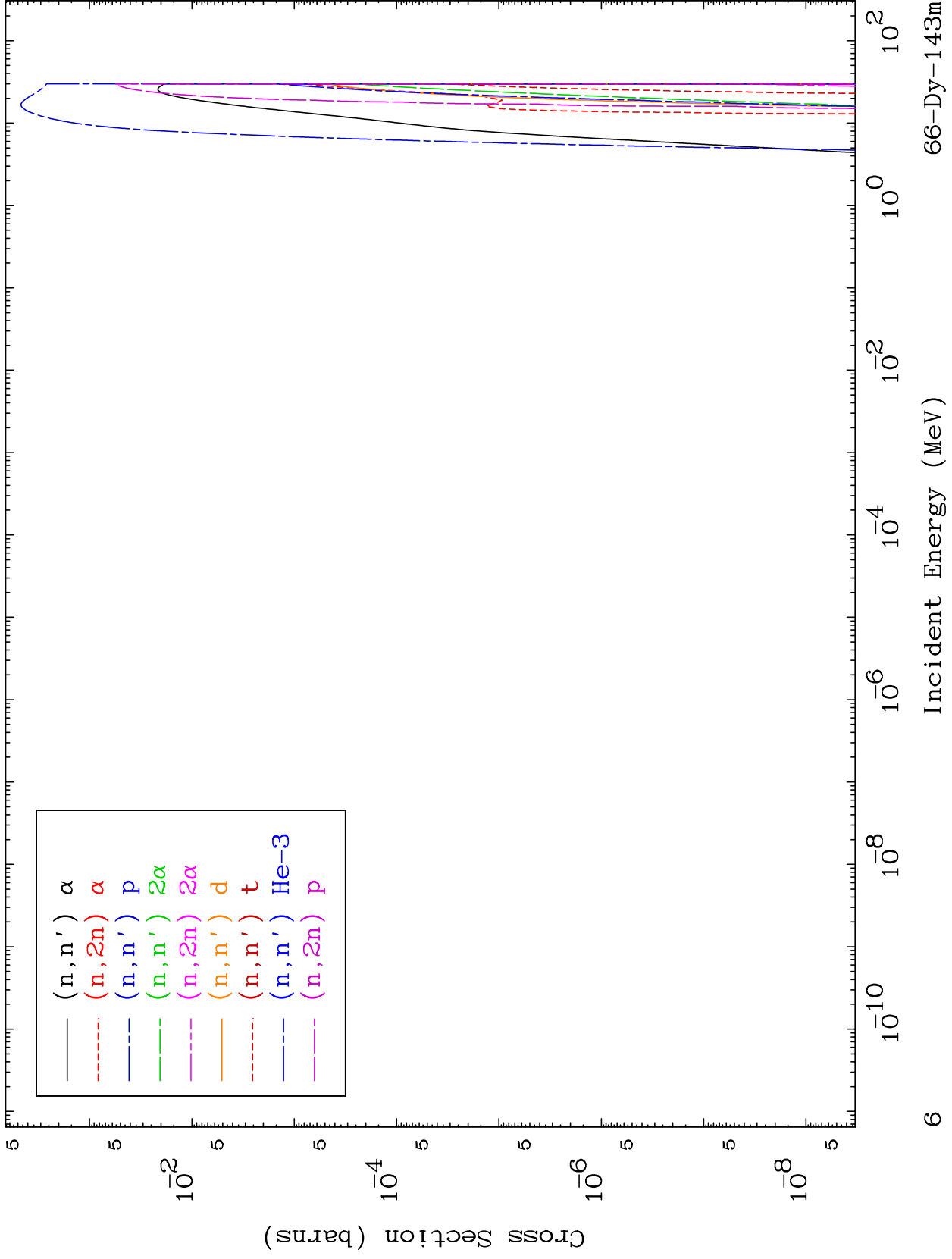
66-Dy-143m



MAT 6587

Charged Particle  
293 Kelvin Cross Sections

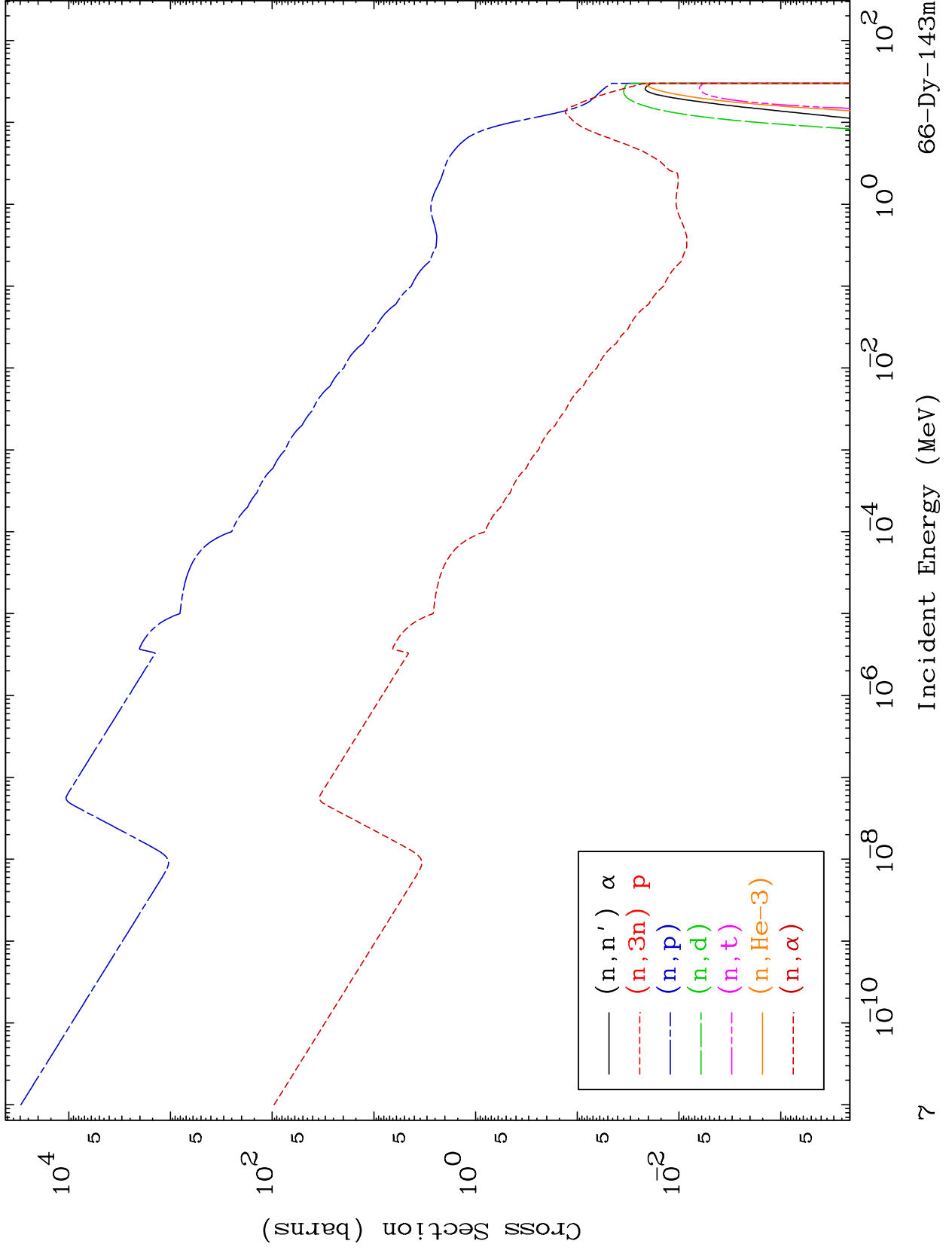
66-Dy-143m



MAT 6587

Charged Particle  
293 Kelvin Cross Sections

66-Dy-143m

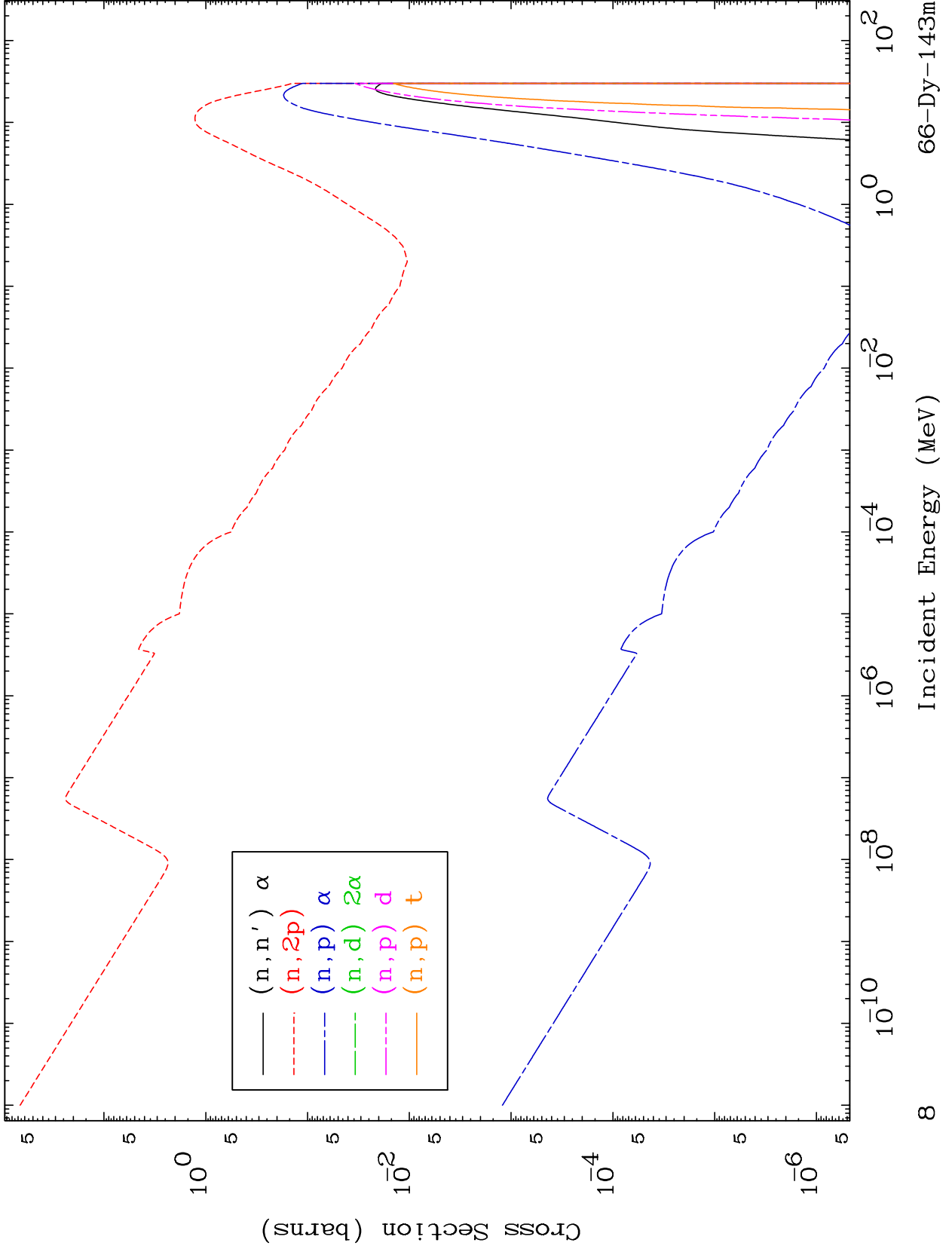




MAT 6587

Charged Particle  
293 Kelvin Cross Sections

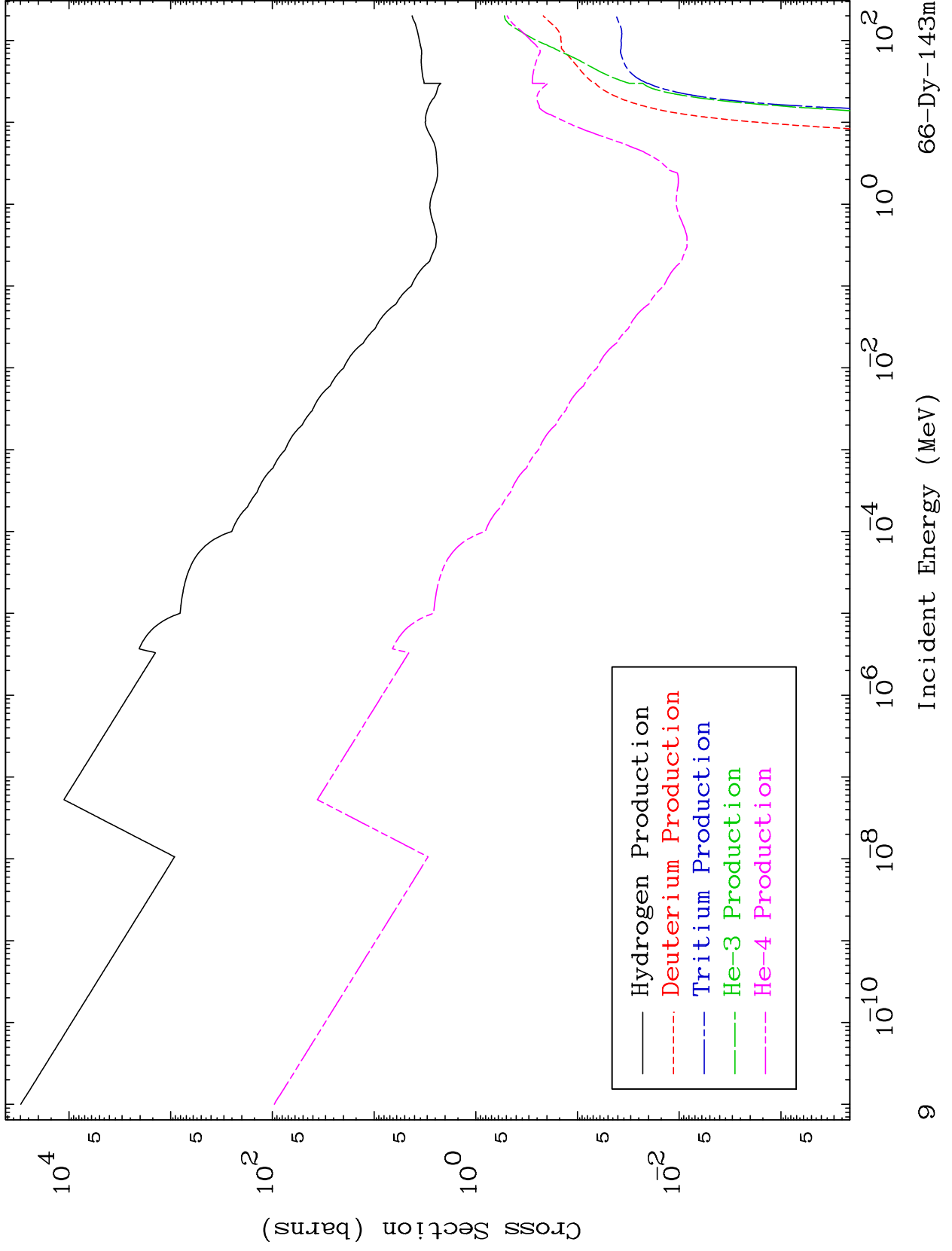
66-Dy-143m



MAT 6587

Particle Production  
293 Kelvin Cross Sections

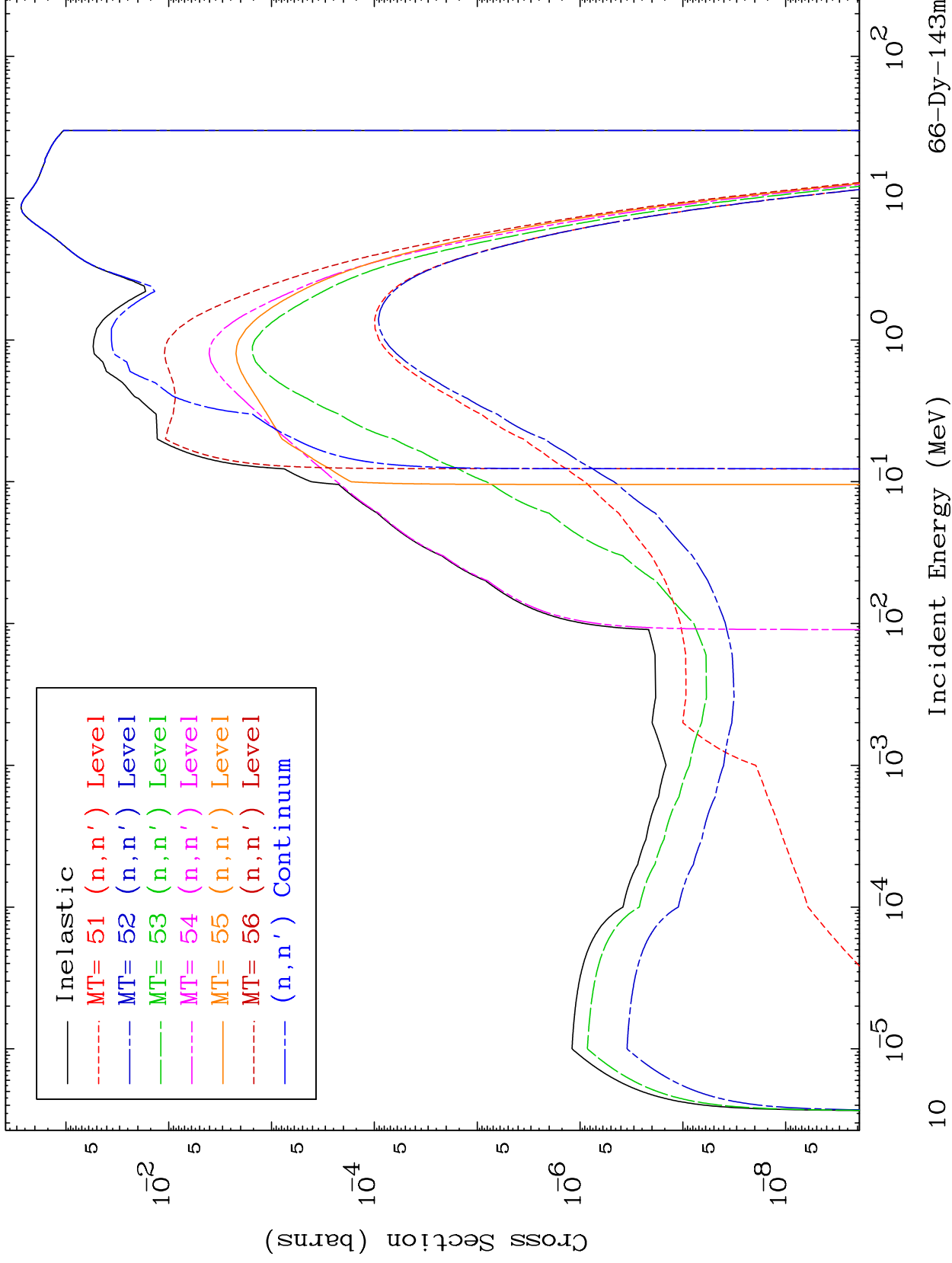
66-Dy-143m



MAT 6587

293 Kelvin Cross Sections  
(n,n') Levels

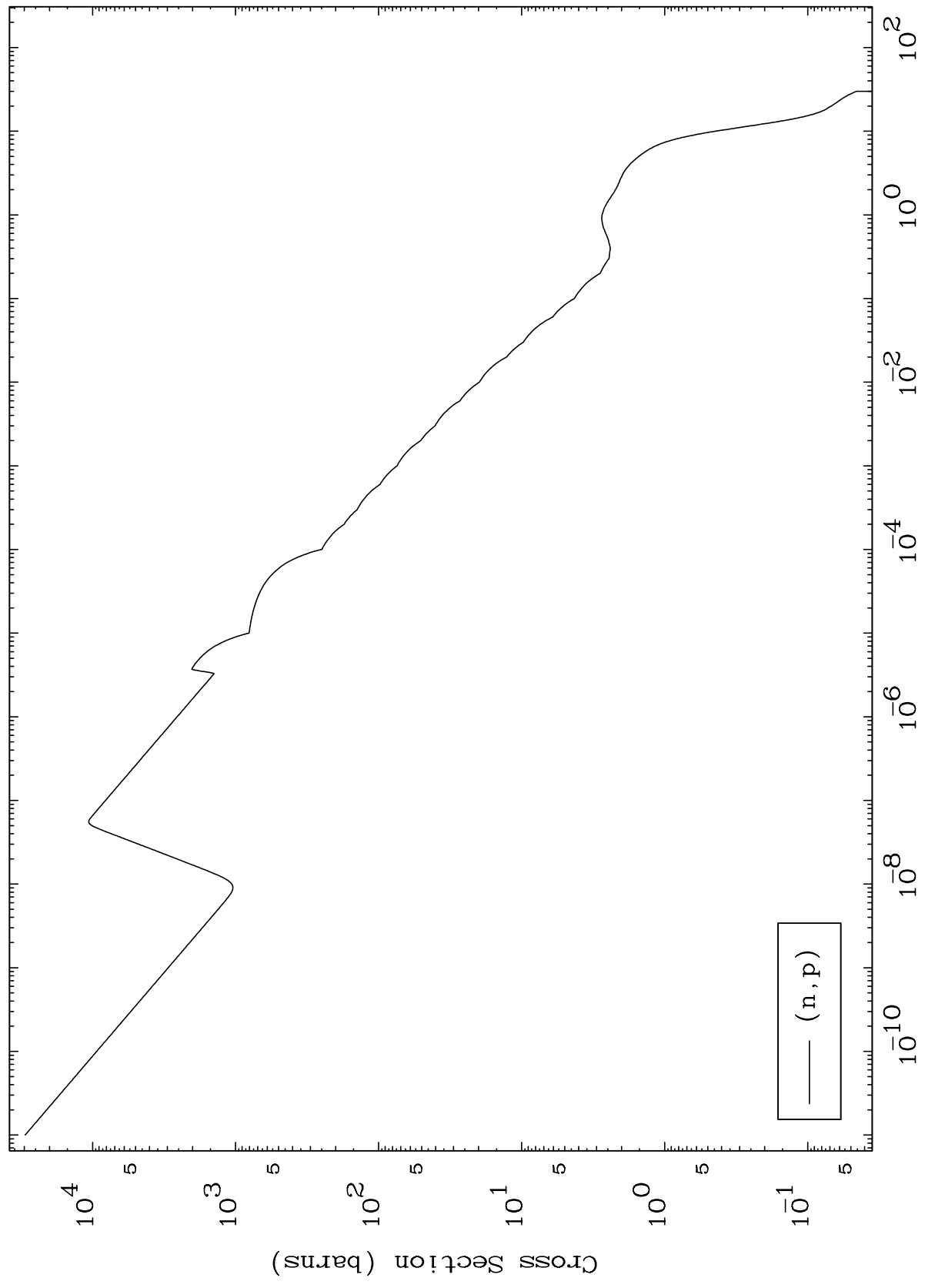
66-Dy-143m



MAT 6587

(n,p) Levels  
293 Kelvin Cross Sections

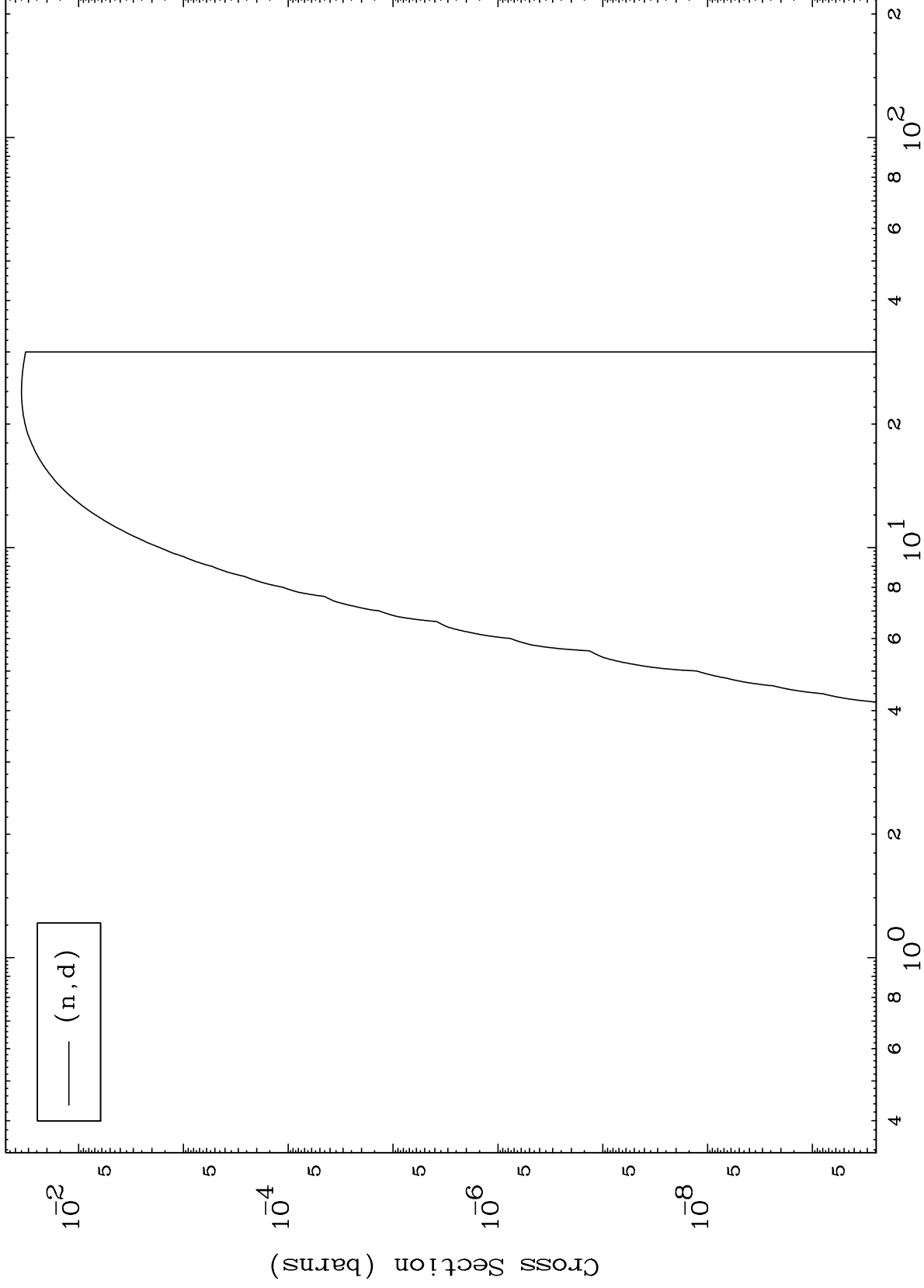
66-Dy-143m



MAT 6587

(n,d) Levels  
293 Kelvin Cross Sections

66-Dy-143m



12

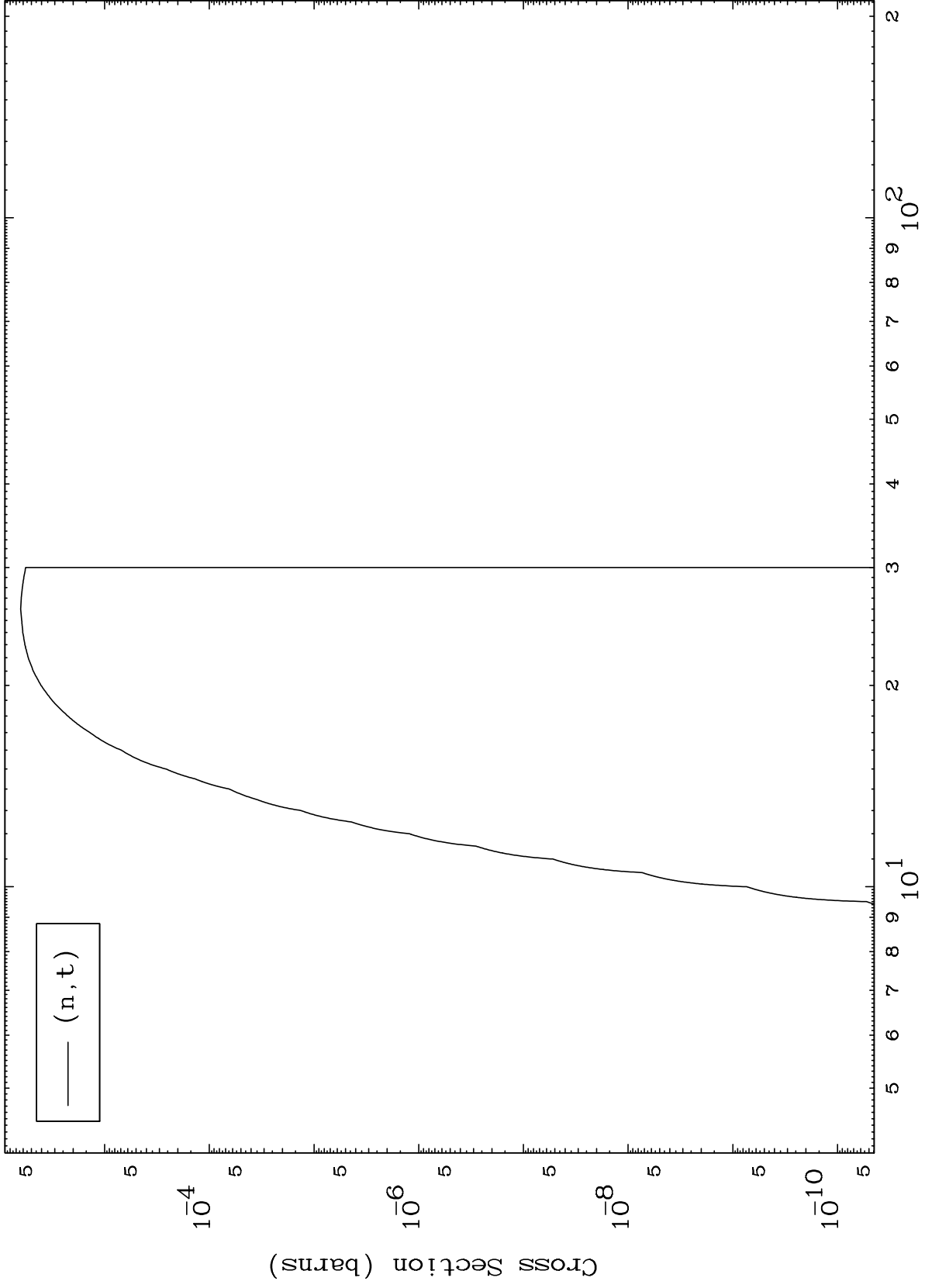
Incident Energy (MeV)

66-Dy-143m

MAT 6587

(n,t) Levels  
293 Kelvin Cross Sections

66-Dy-143m



13

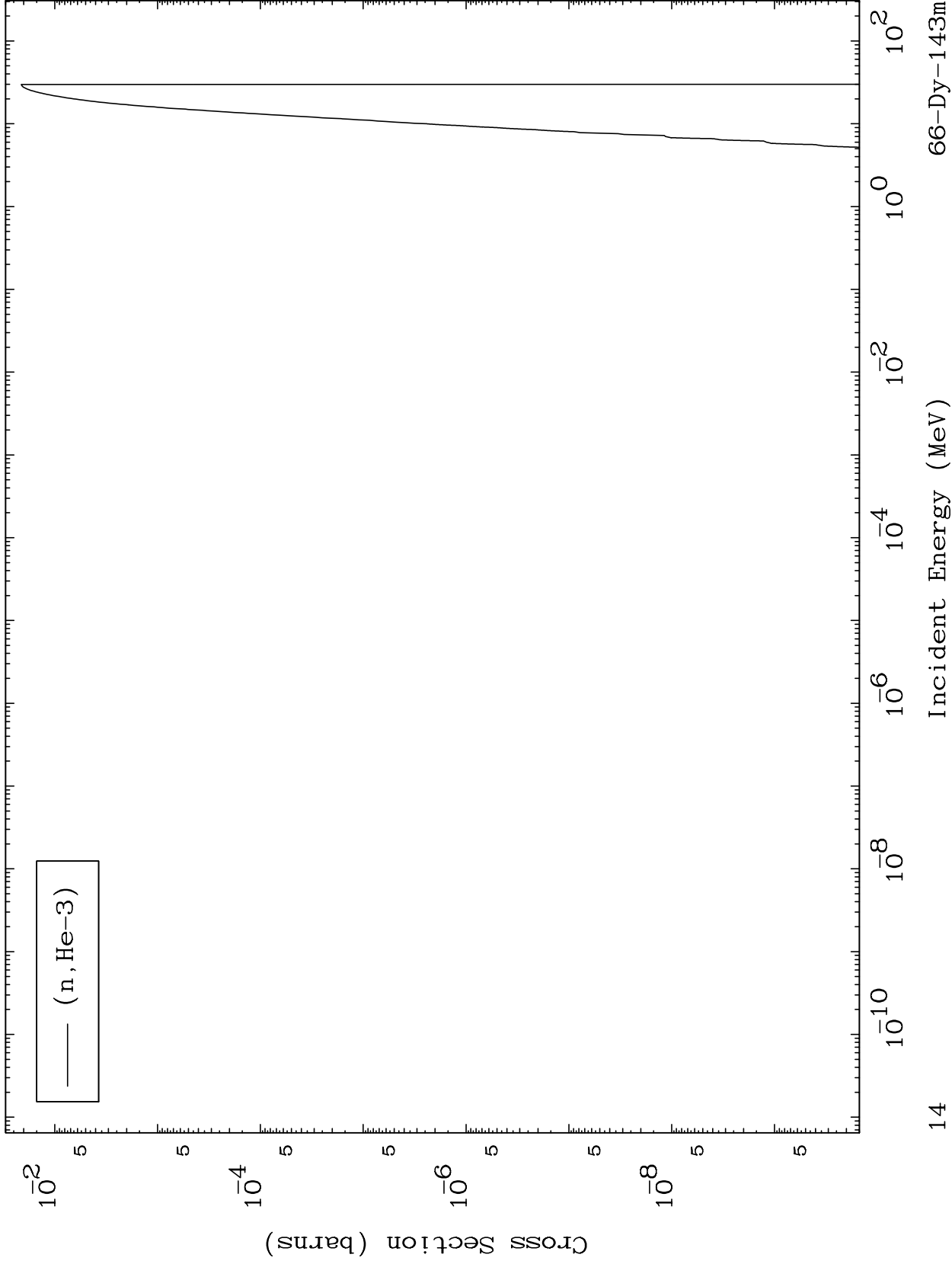
Incident Energy (MeV)

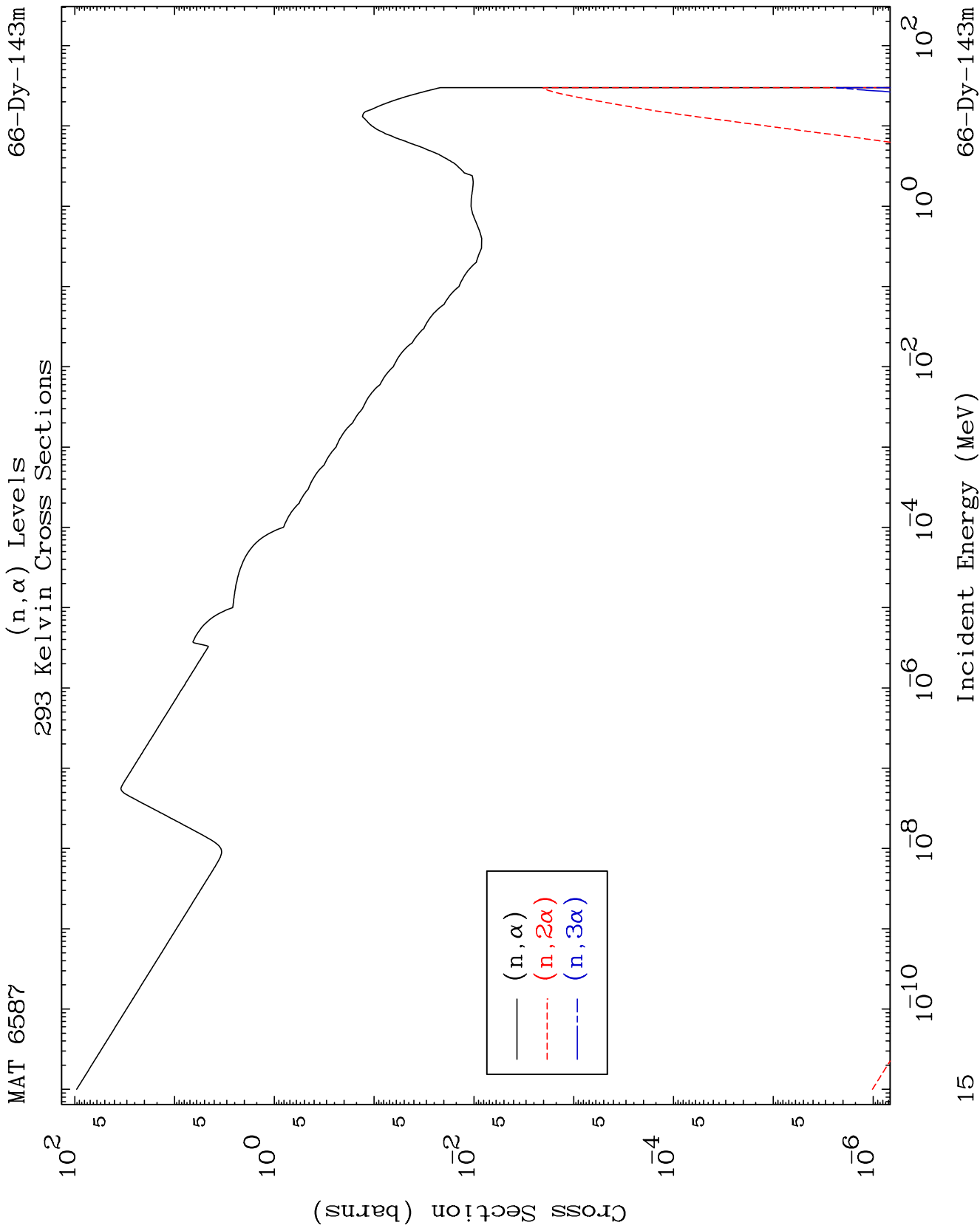
66-Dy-143m

MAT 6587

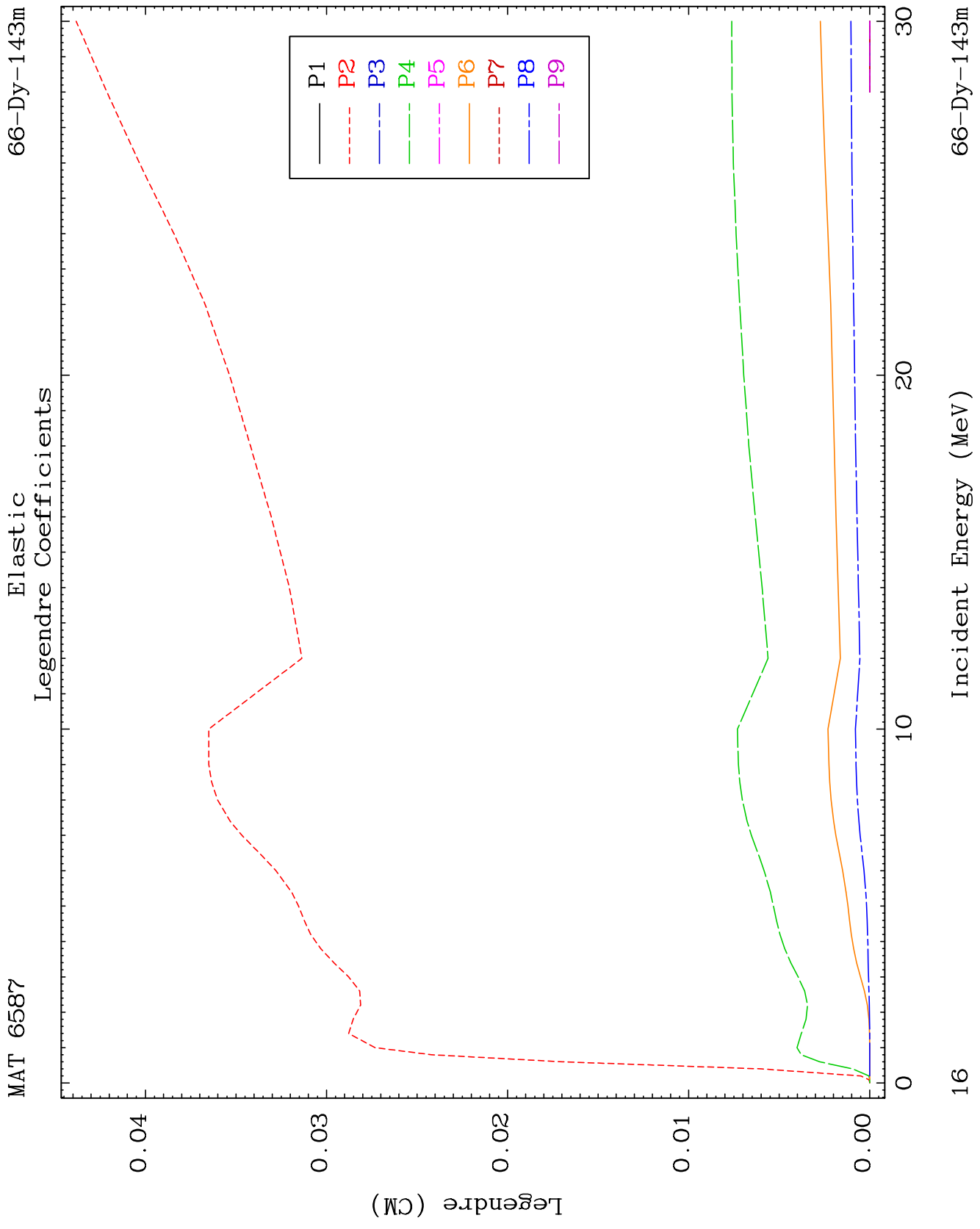
(n,He3) Levels  
293 Kelvin Cross Sections

66-Dy-143m





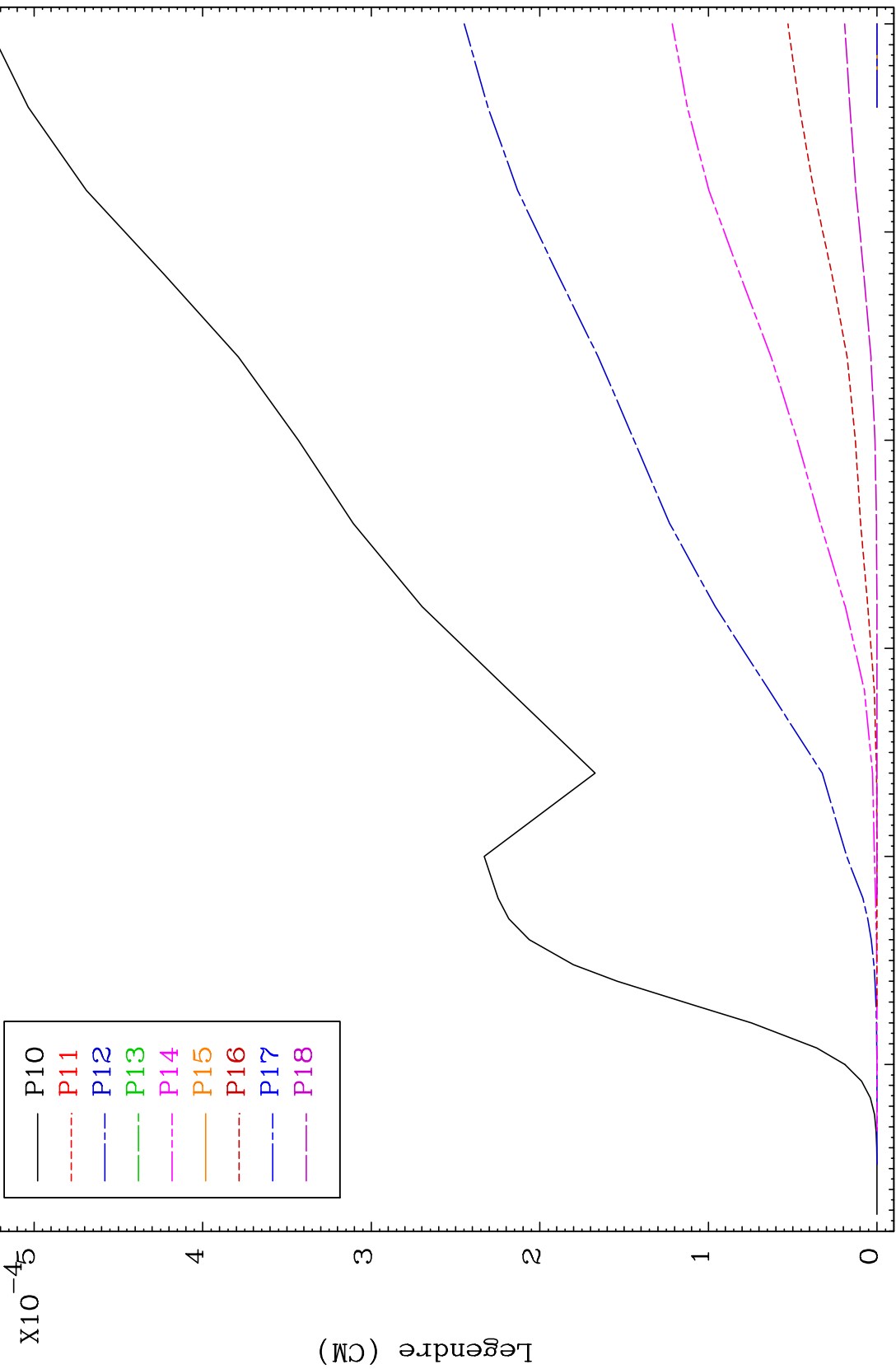
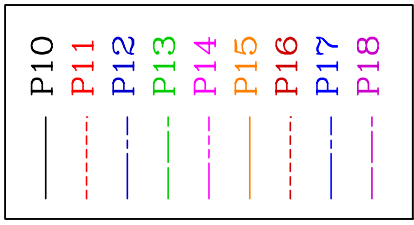




MAT 6587

Elastic Legendre Coefficients

66-Dy-143m



17

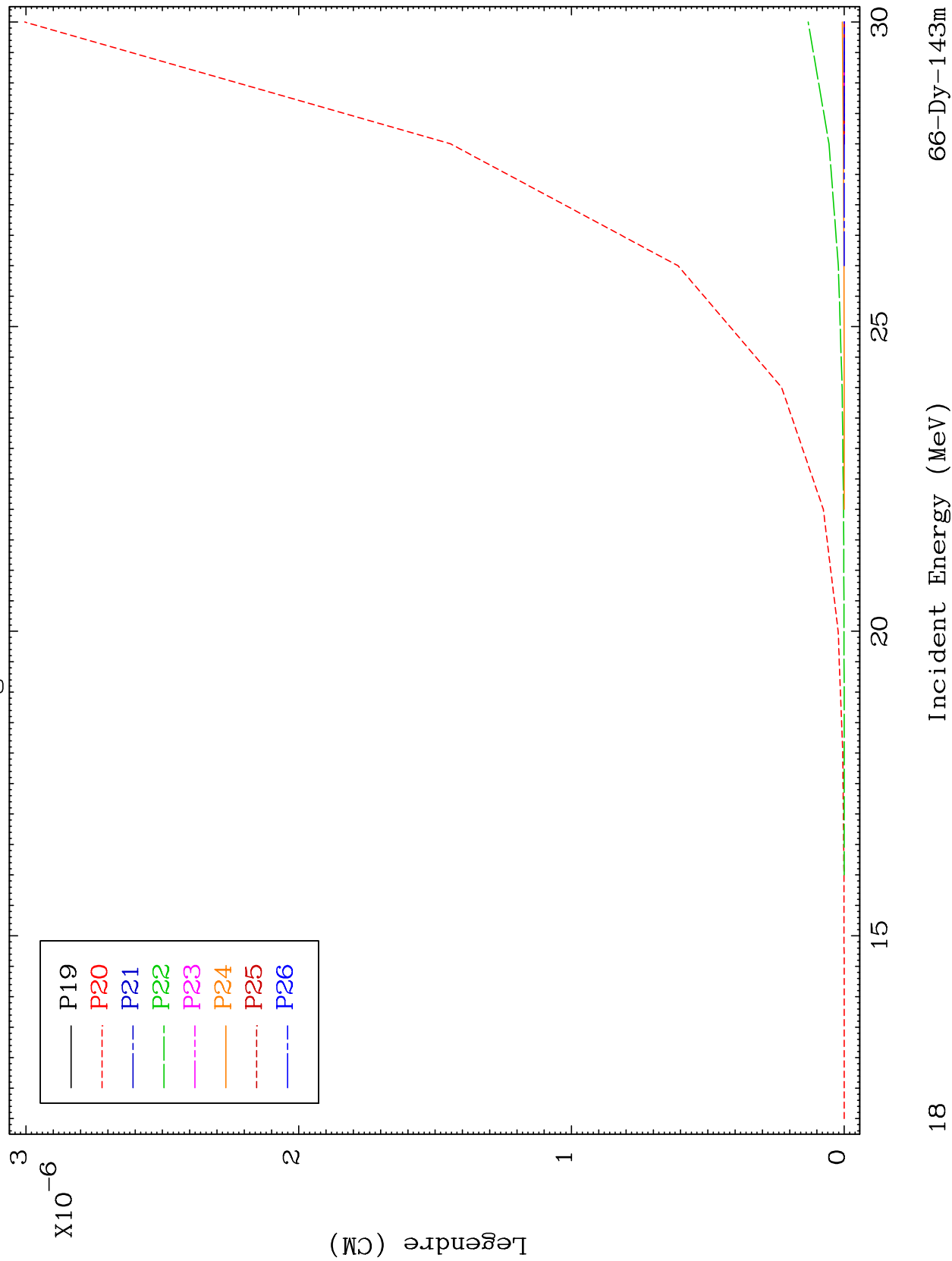
Incident Energy (MeV)

66-Dy-143m

MAT 6587

Elastic  
Legendre Coefficients

66-Dy-143m



18

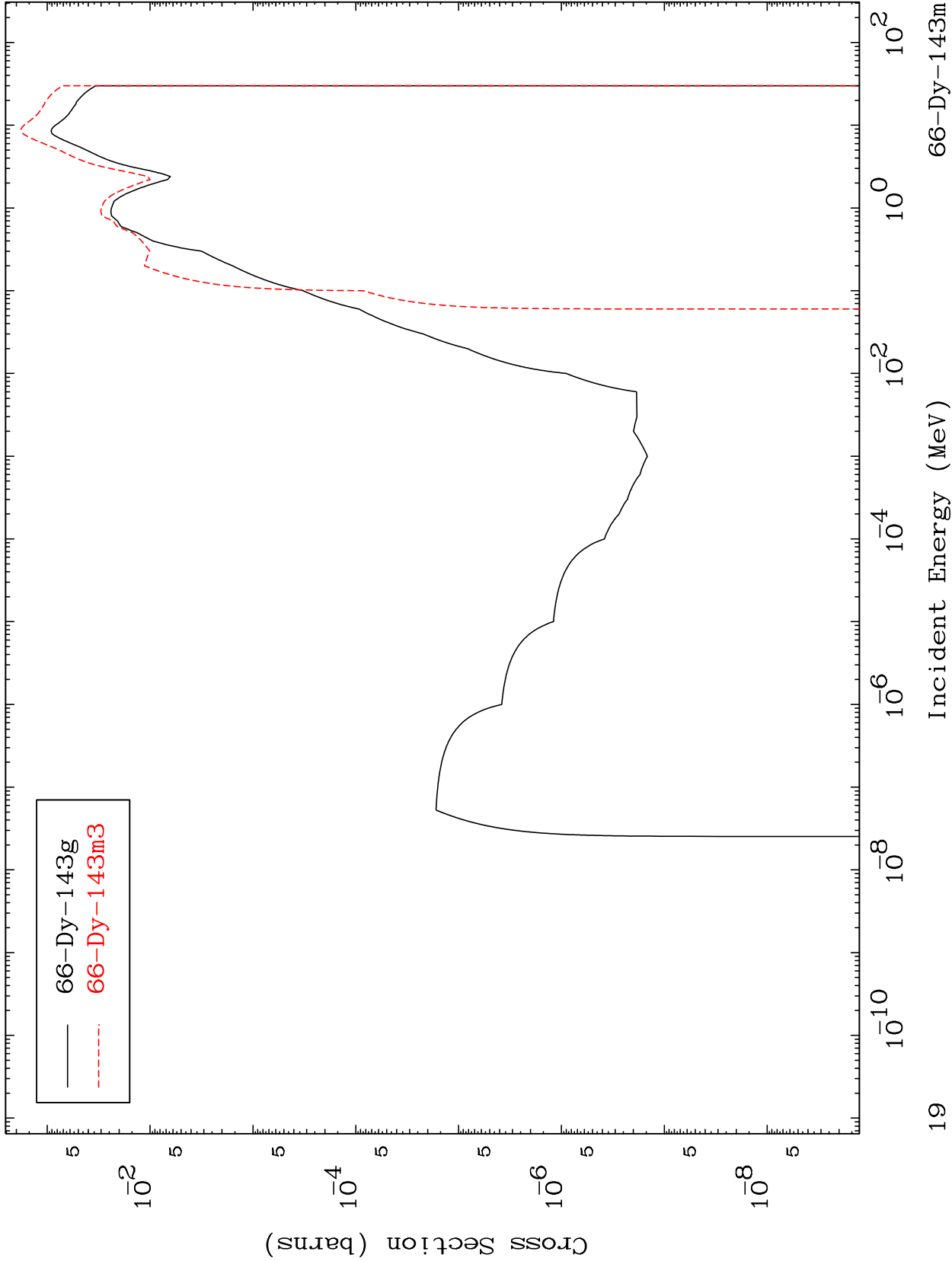
Incident Energy (MeV)

66-Dy-143m

MAT 6587

Inelastic  
Radionuclide Production Cross Section

66-Dy-143m

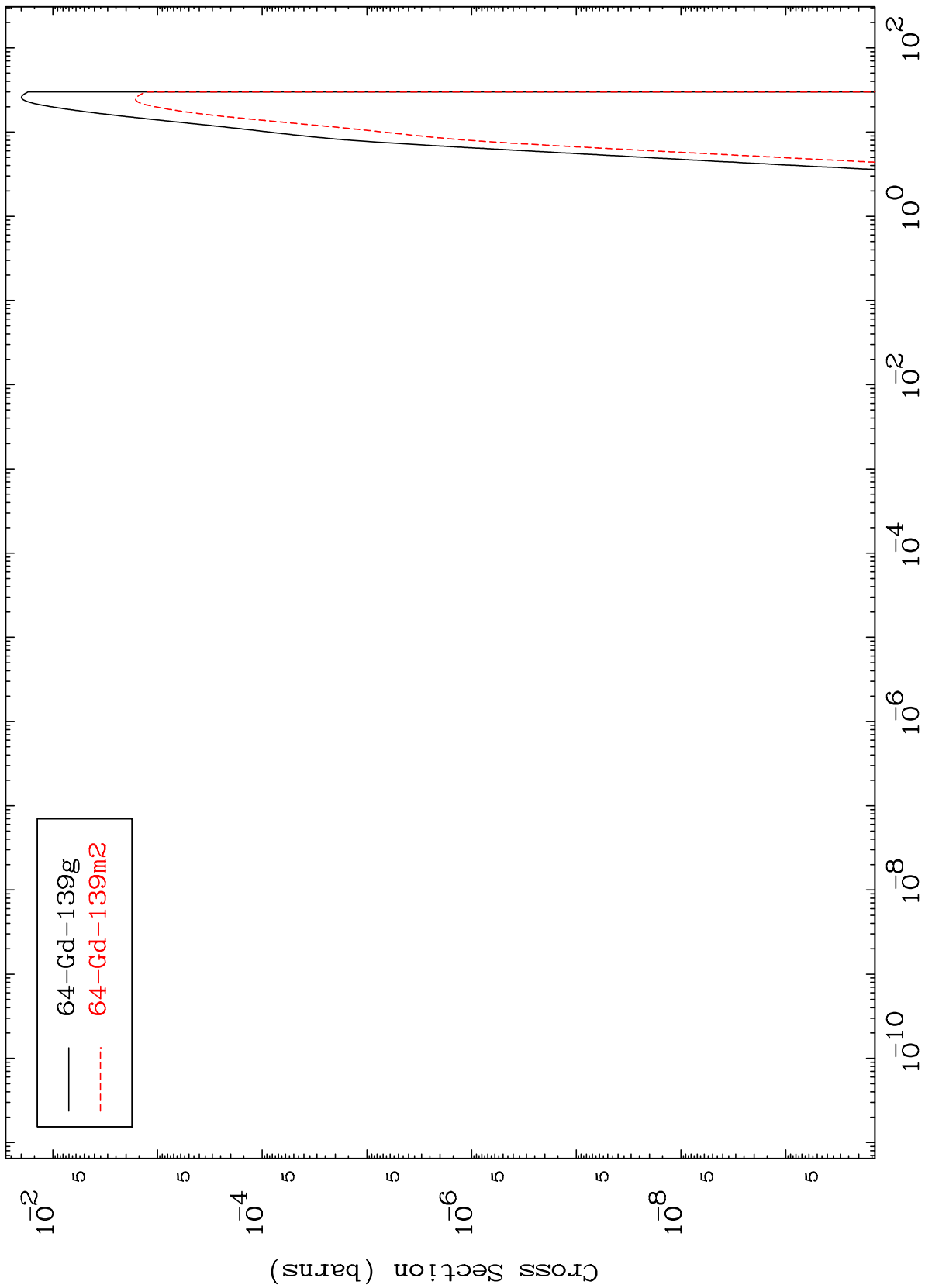


MAT 6587

$(n, n') \alpha$

66-Dy-143m

Radionuclide Production Cross Section

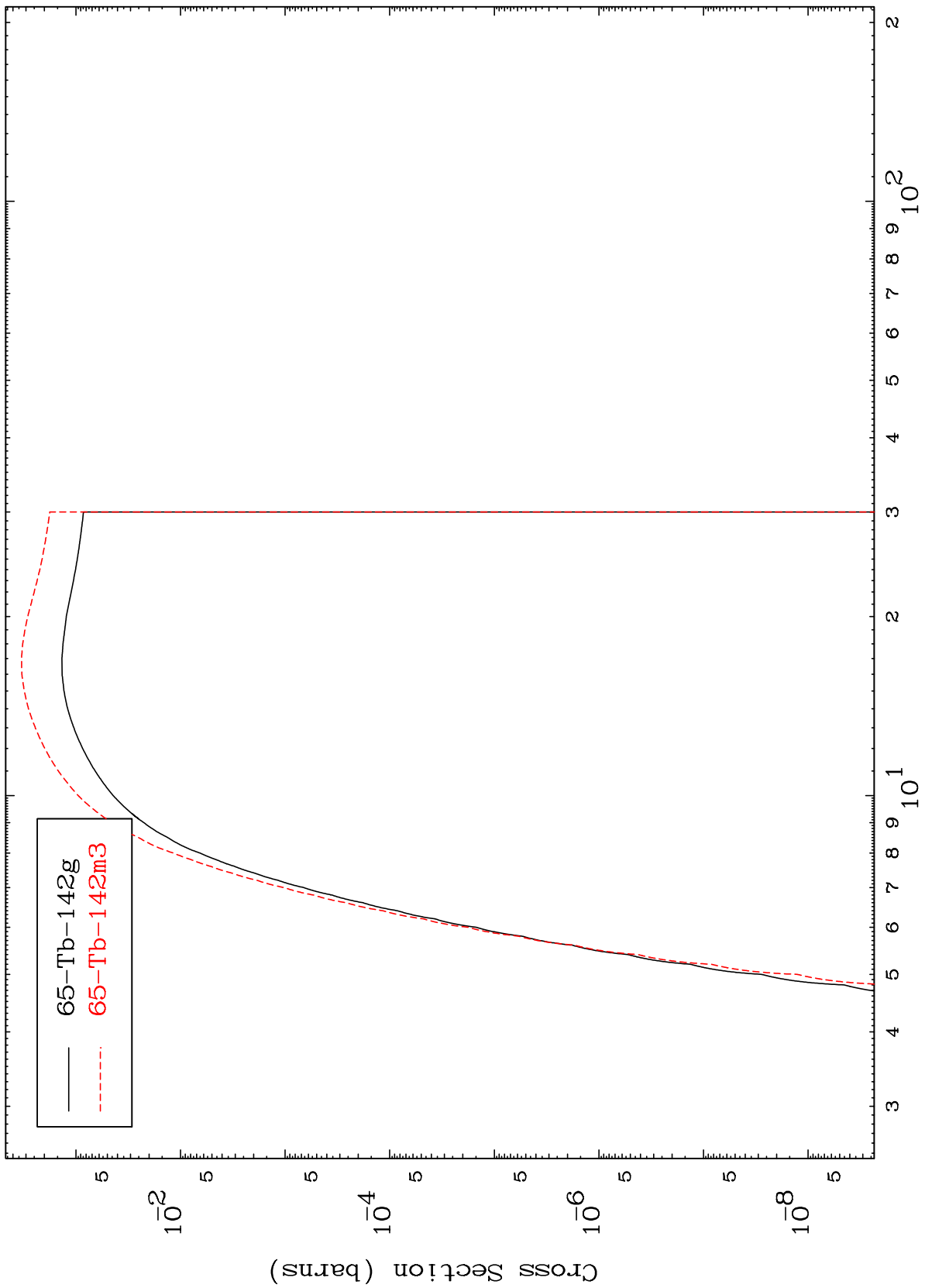


MAT 6587

(n,n') p

66-Dy-143m

Radionuclide Production Cross Section

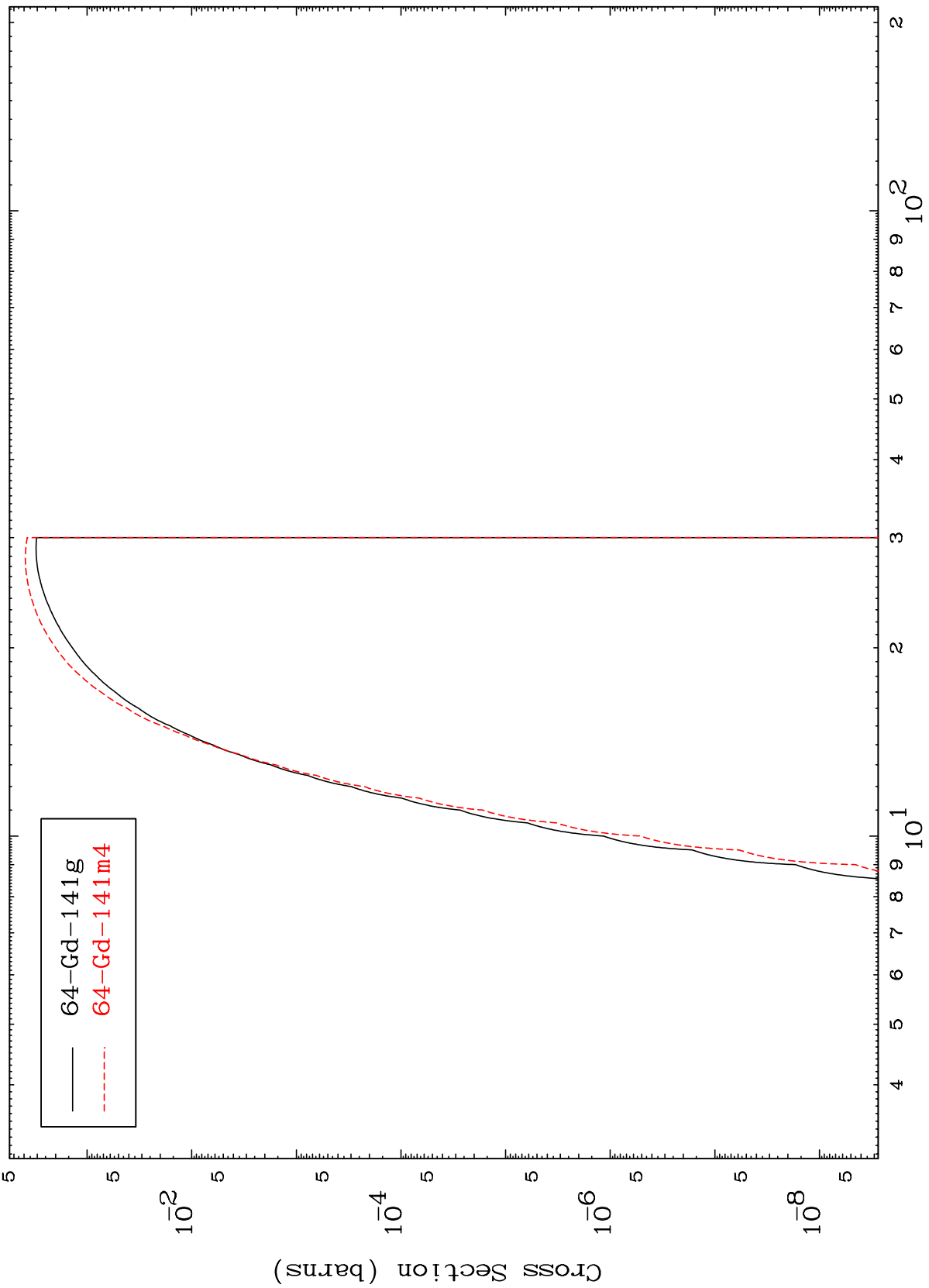


MAT 6587

(n,2n) p

66-Dy-143m

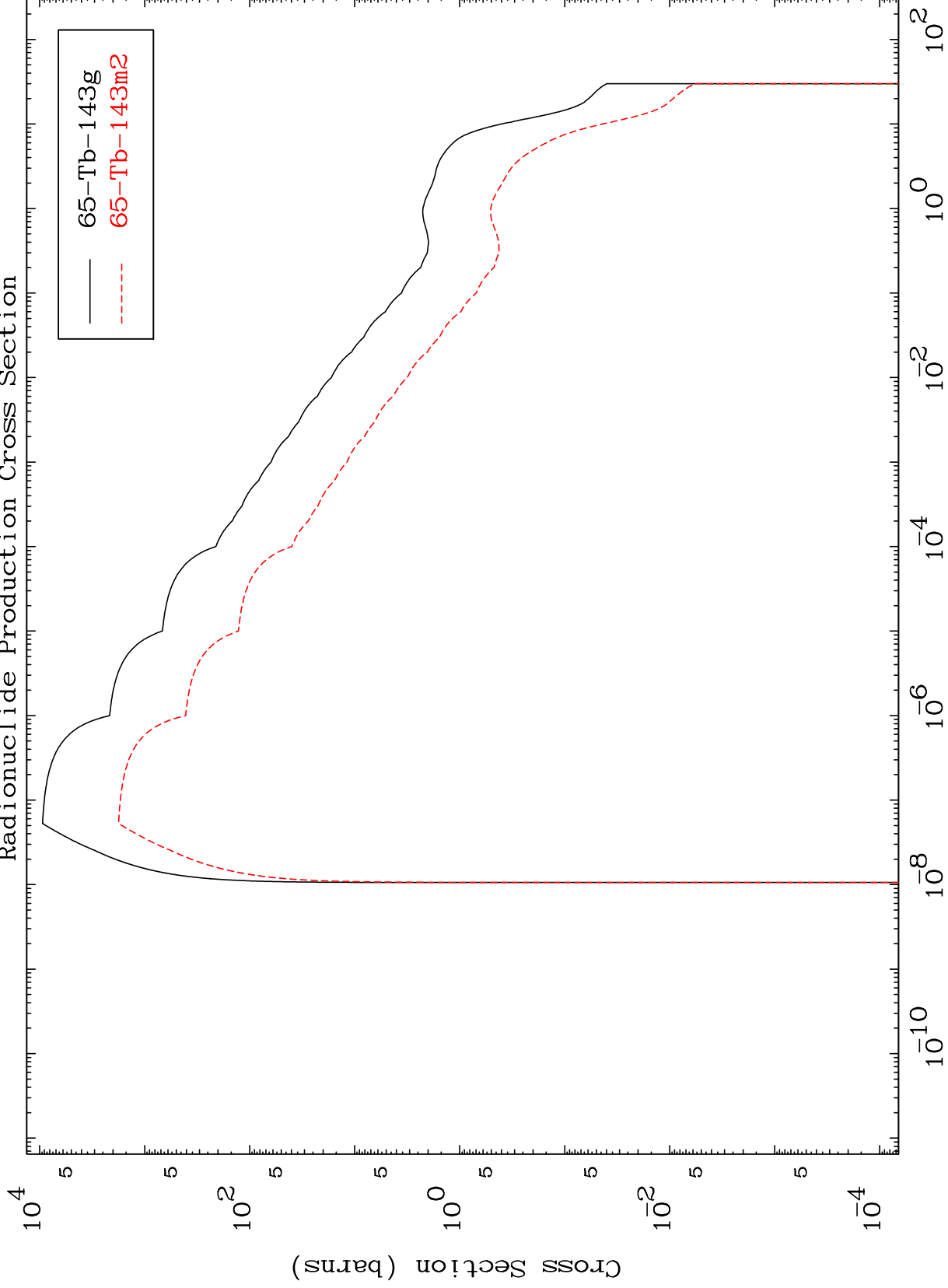
Radionuclide Production Cross Section



MAT 6587

66-Dy-143m

(n,p)  
Radionuclide Production Cross Section



23

66-Dy-143m

Incident Energy (MeV)

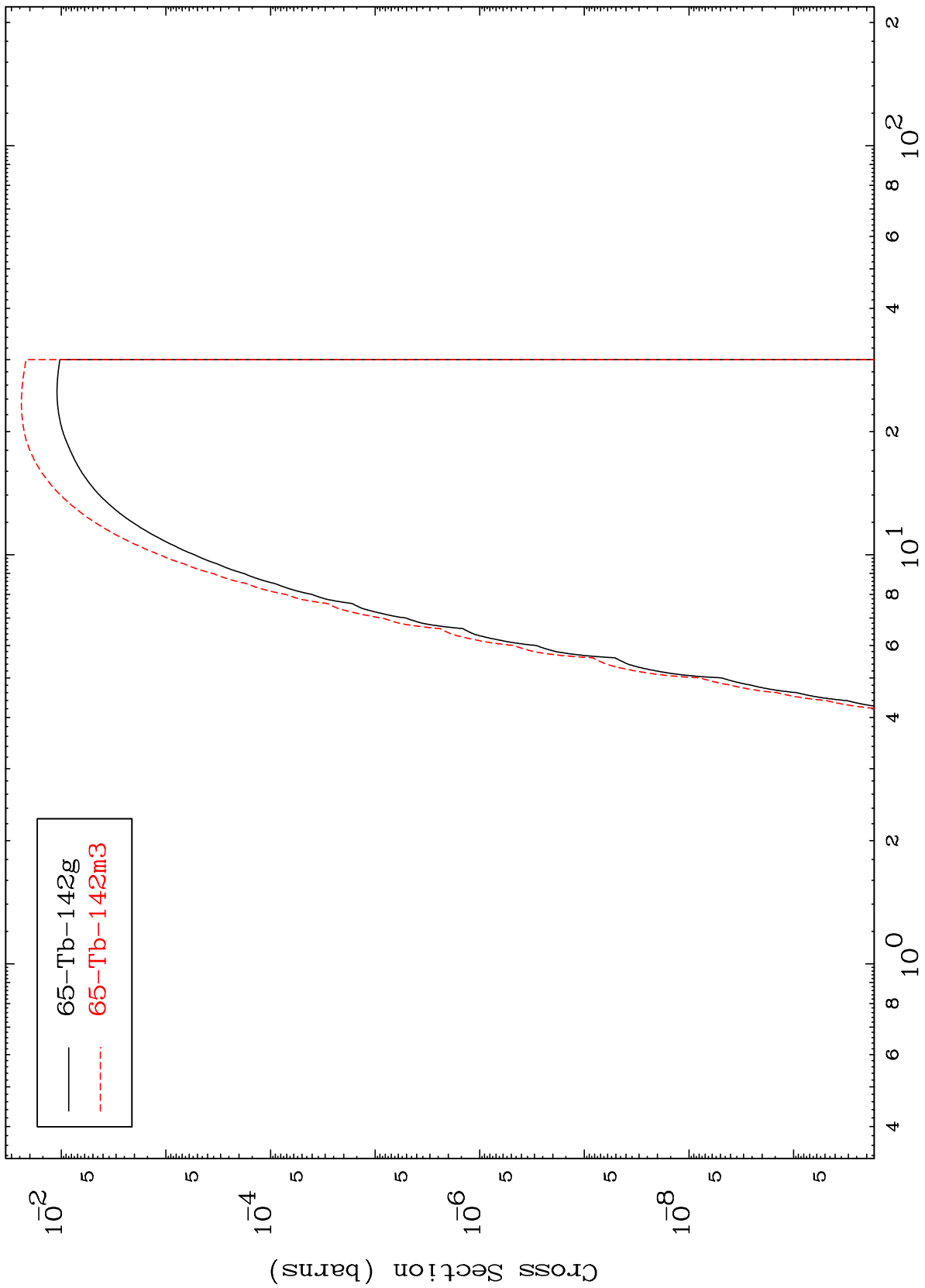


MAT 6587

(n,d)

66-Dy-143m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

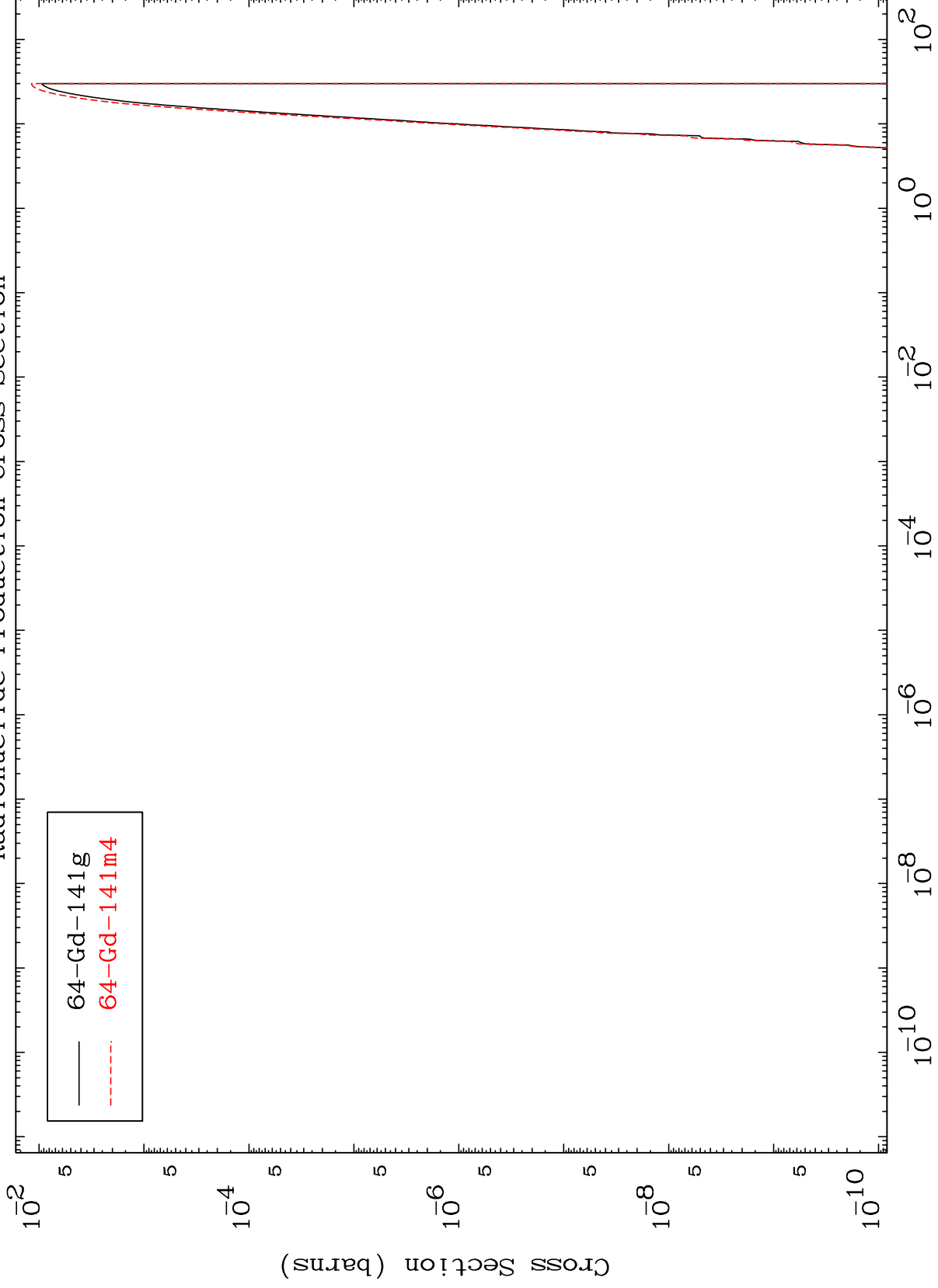
66-Dy-143m

MAT 6587

(n,He-3)

66-Dy-143m

Radionuclide Production Cross Section

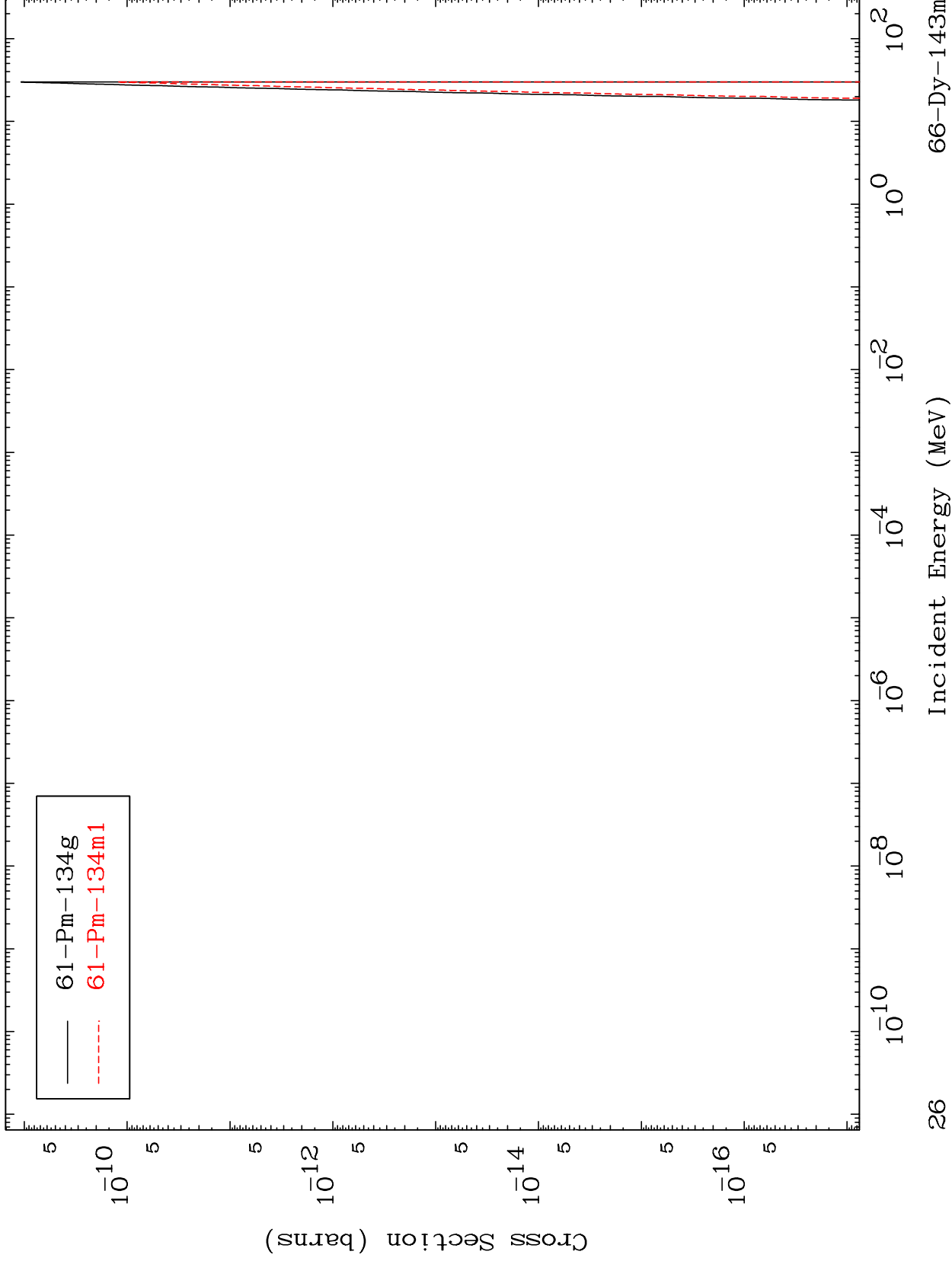


MAT 6587

(n,d) 2 $\alpha$

66-Dy-143m

Radionuclide Production Cross Section

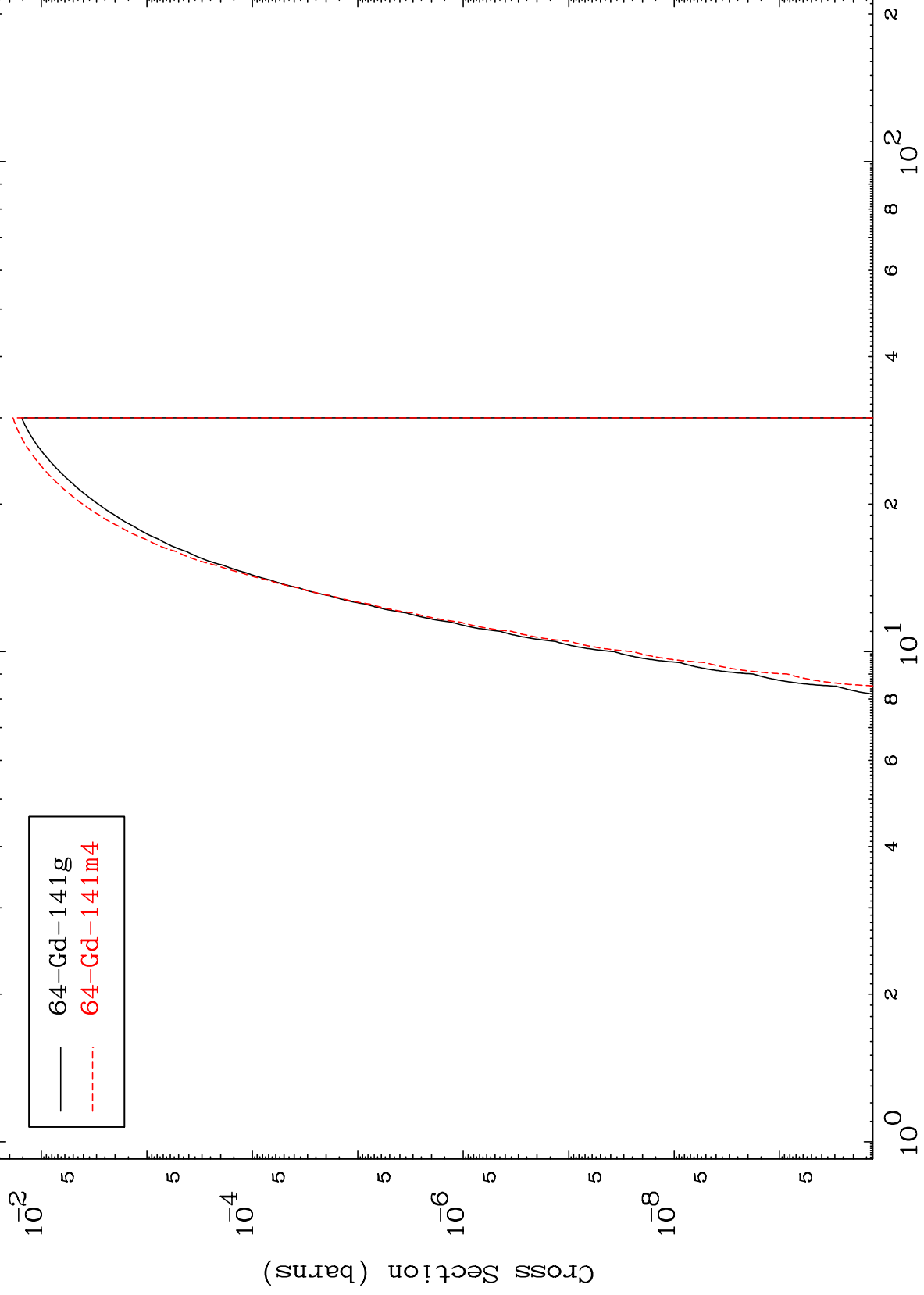


MAT 6587

(n,p) d

66-Dy-143m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

66-Dy-143m