

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)

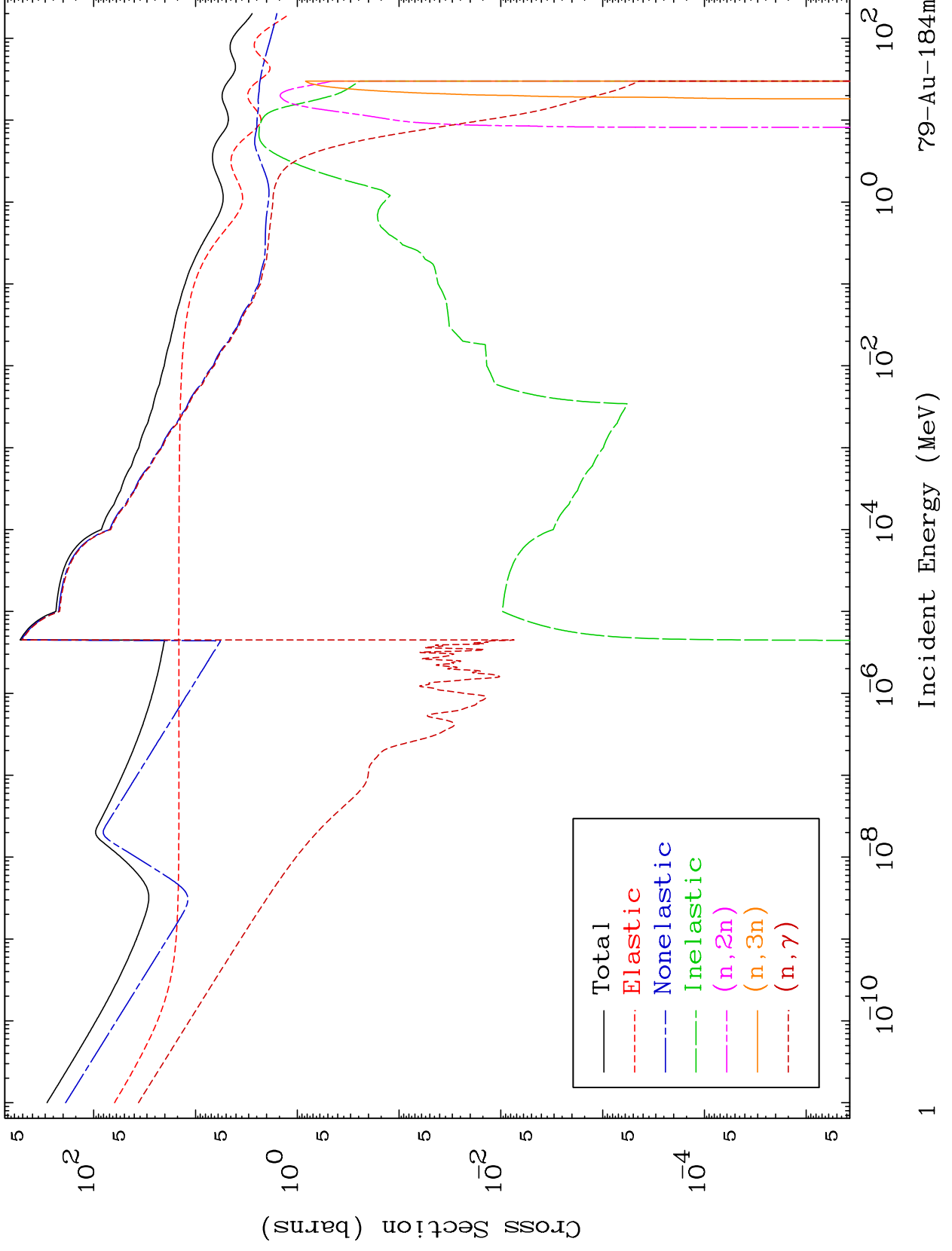
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7887

Neutron Major  
293 Kelvin Cross Sections

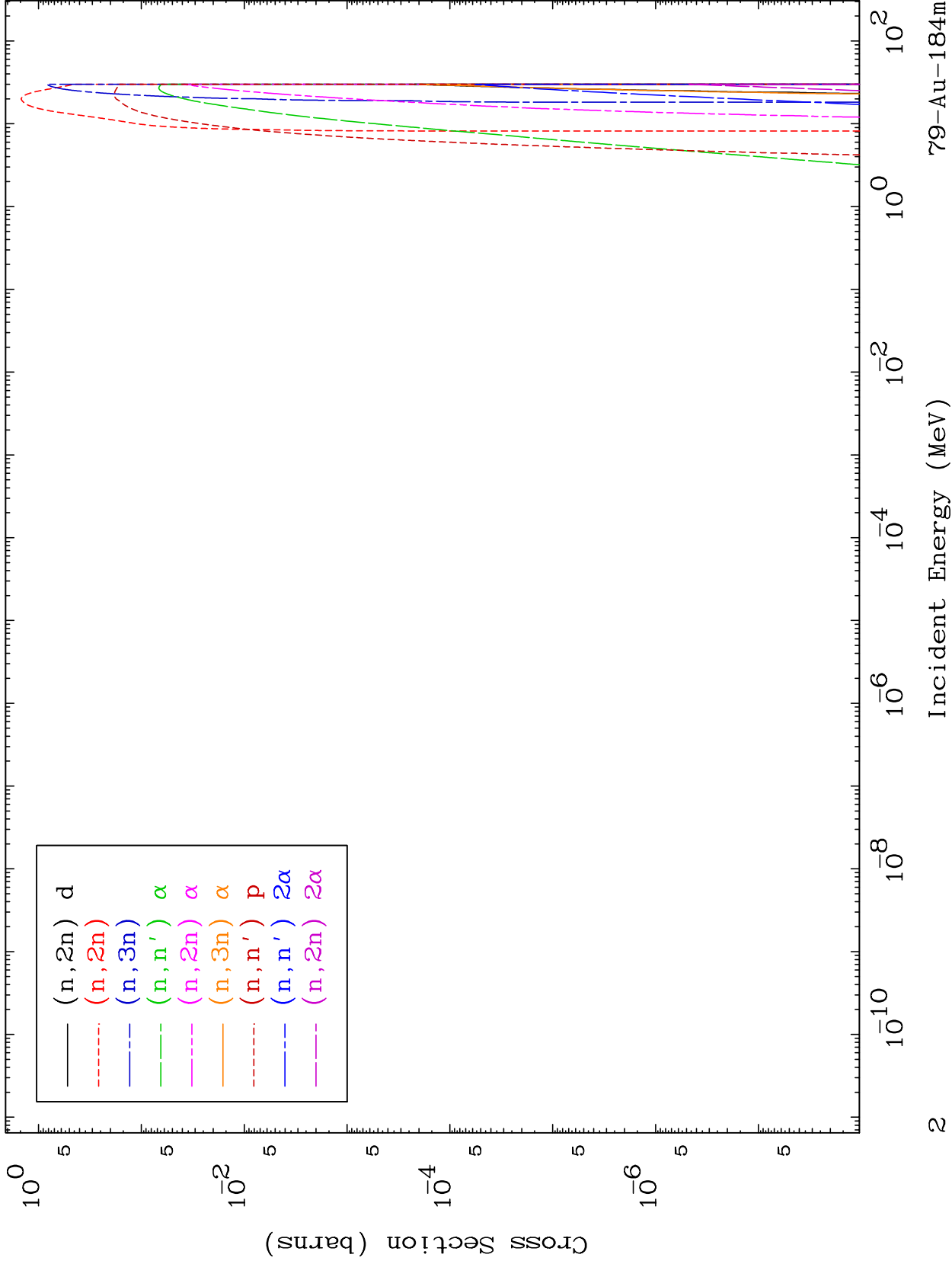
<sup>79</sup>Au-184m



MAT 7887

Neutron Absorption  
293 Kelvin Cross Sections

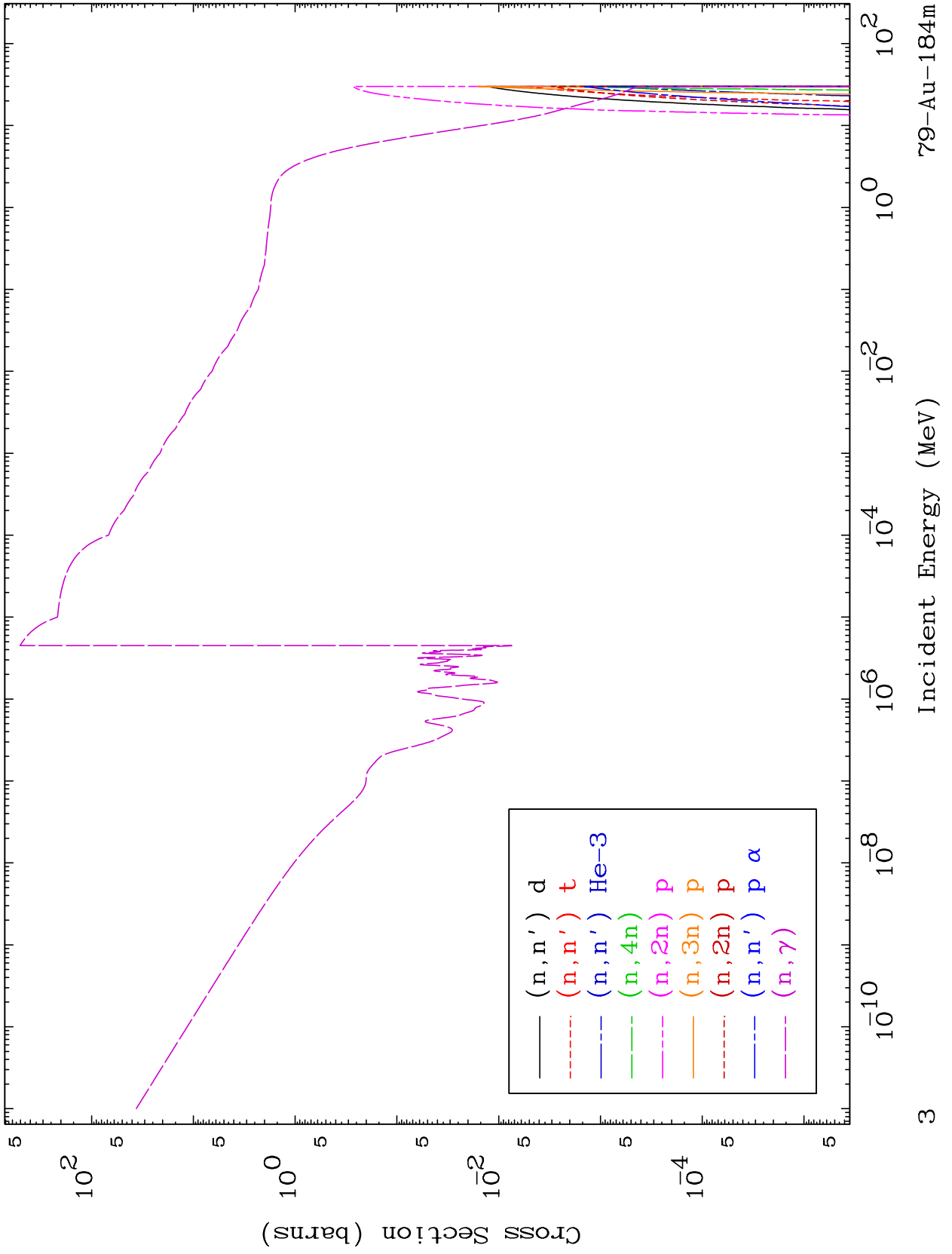
79-Au-184m



MAT 7887

Neutron Absorption  
293 Kelvin Cross Sections

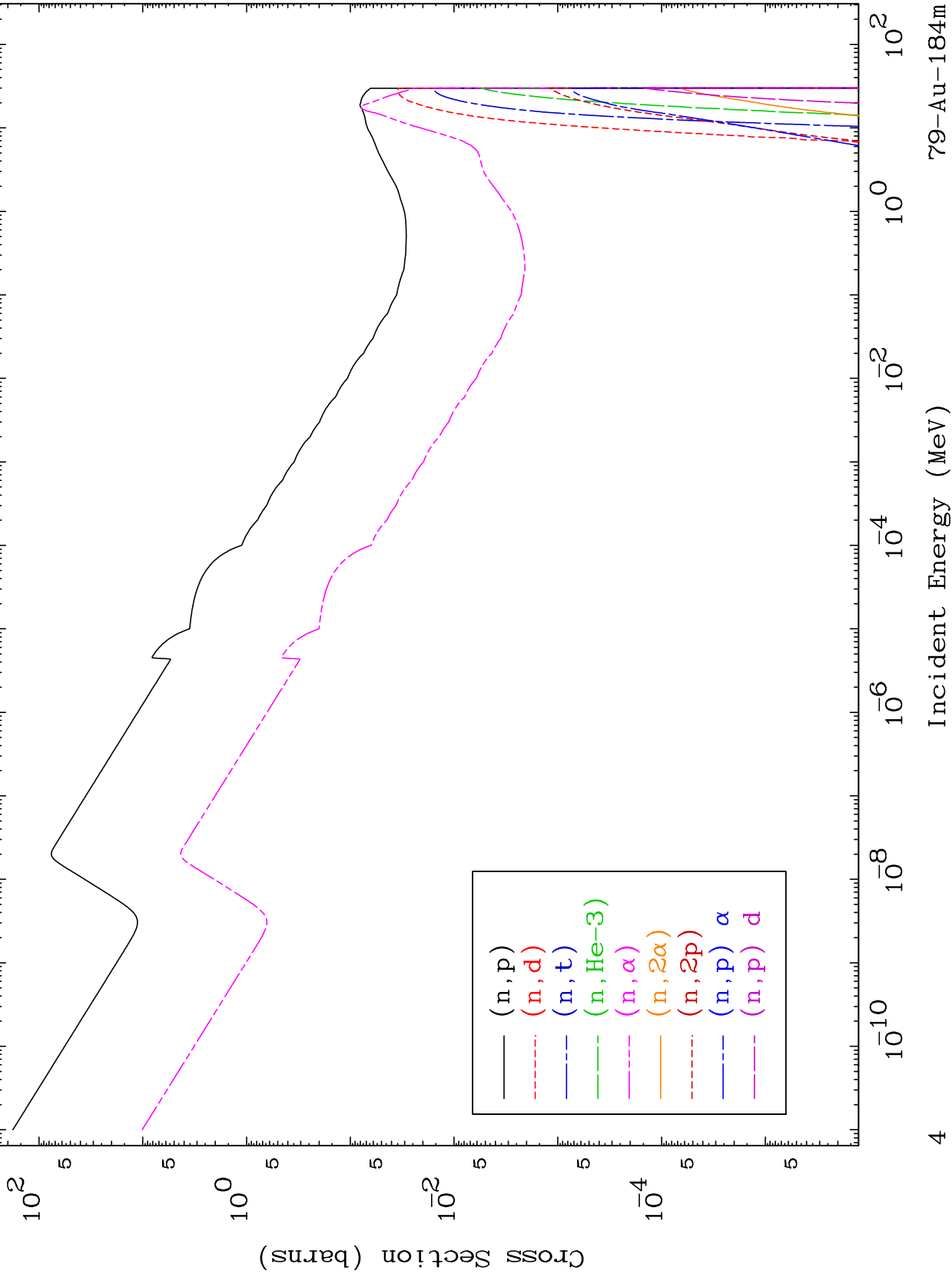
79-Au-184m



MAT 7887

Neutron Absorption  
293 Kelvin Cross Sections

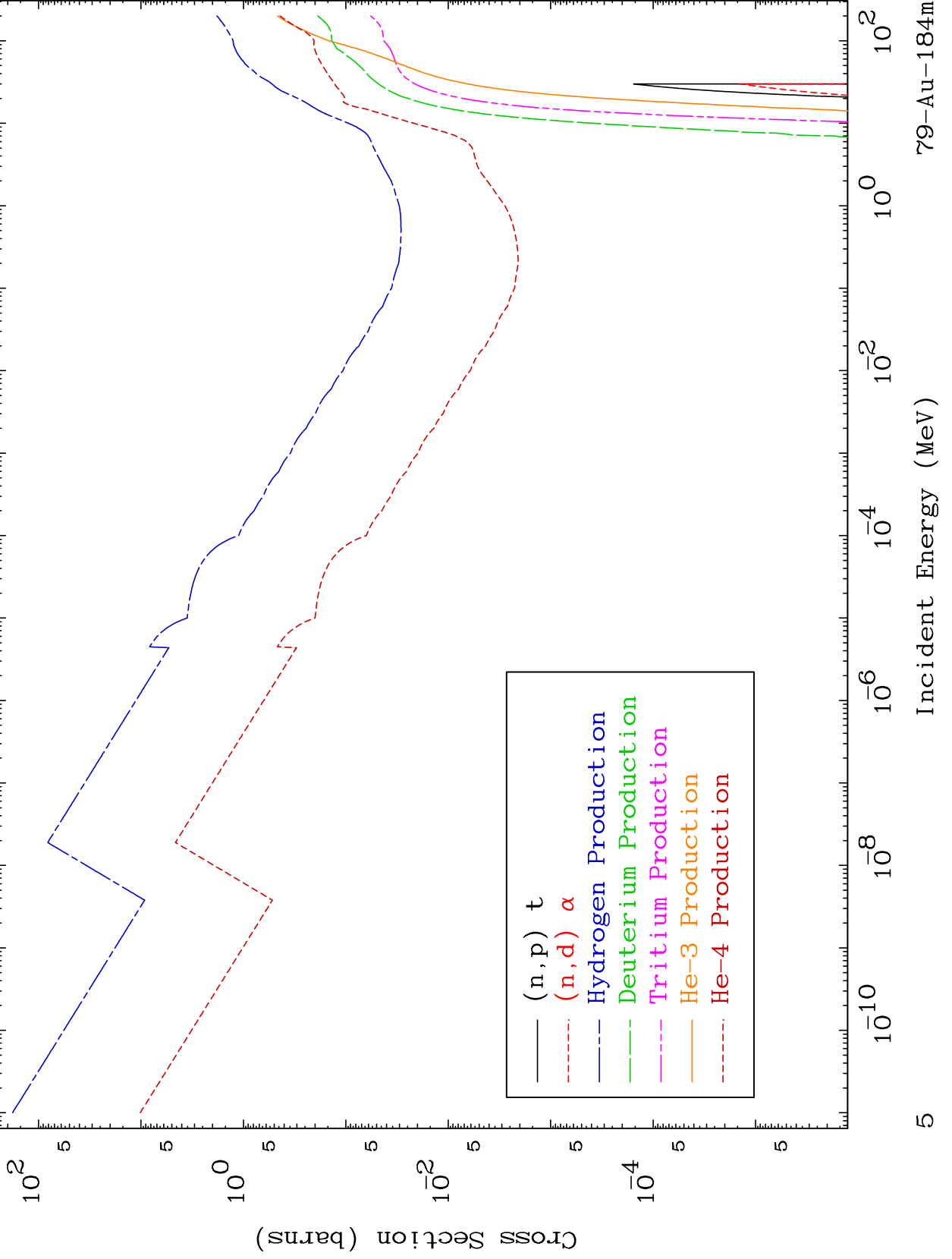
<sup>79</sup>Au-184m



MAT 7887

Neutron Absorption  
293 Kelvin Cross Sections

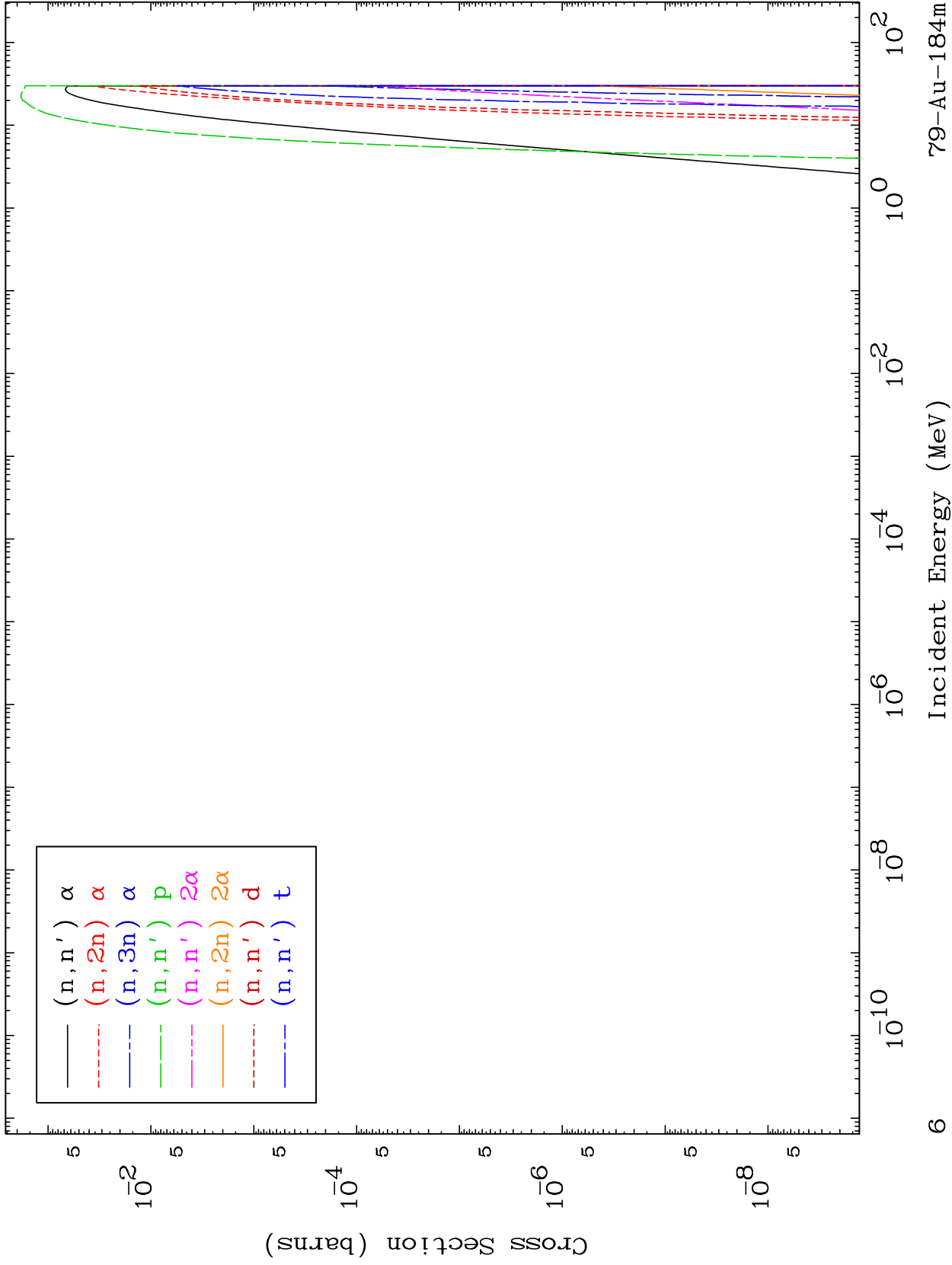
<sup>79</sup>Au-184m



MAT 7887

Charged Particle  
293 Kelvin Cross Sections

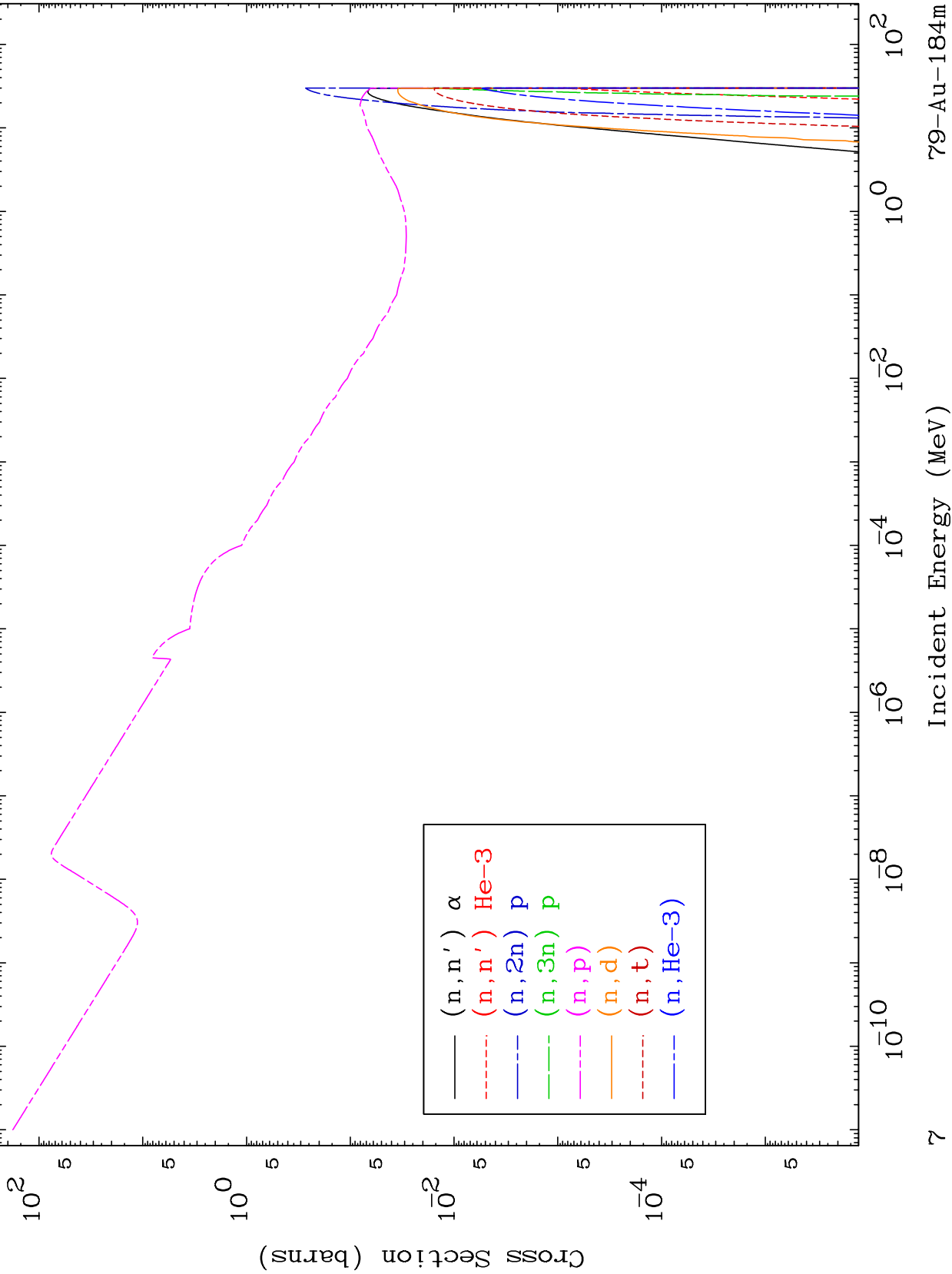
79-Au-184m



MAT 7887

Charged Particle  
293 Kelvin Cross Sections

<sup>79</sup>Au-184m

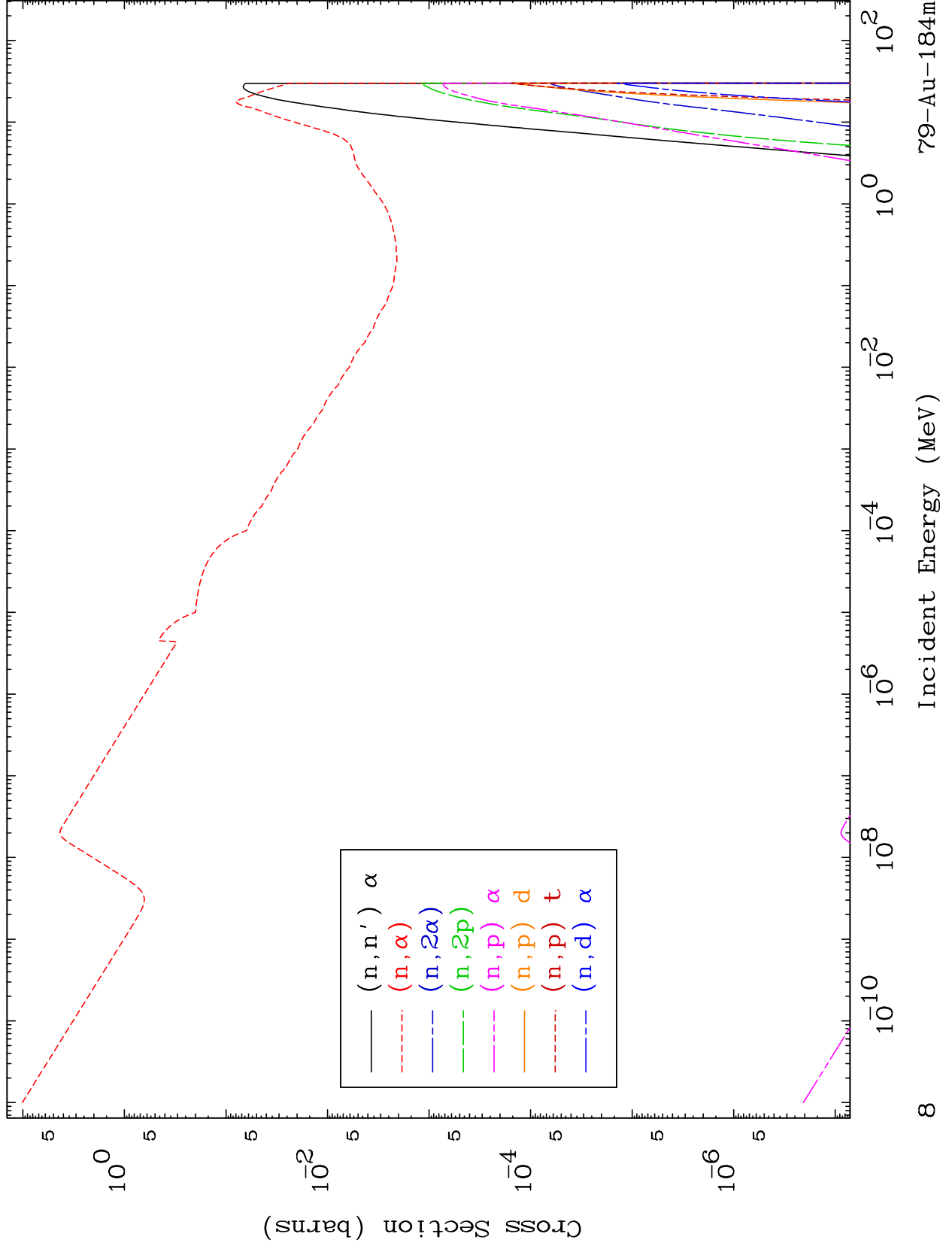




MAT 7887

Charged Particle  
293 Kelvin Cross Sections

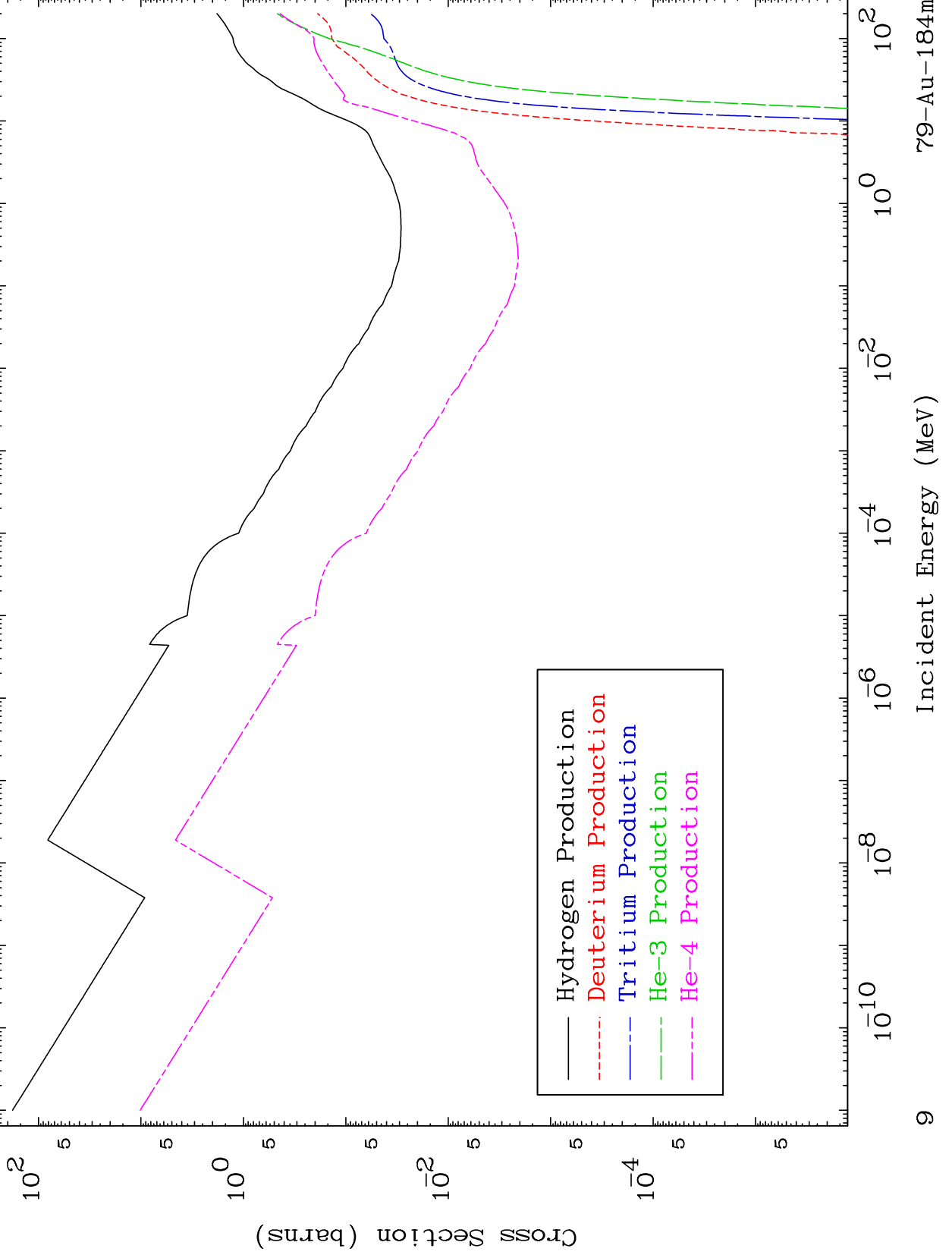
<sup>79</sup>Au-184m



MAT 7887

Particle Production  
293 Kelvin Cross Sections

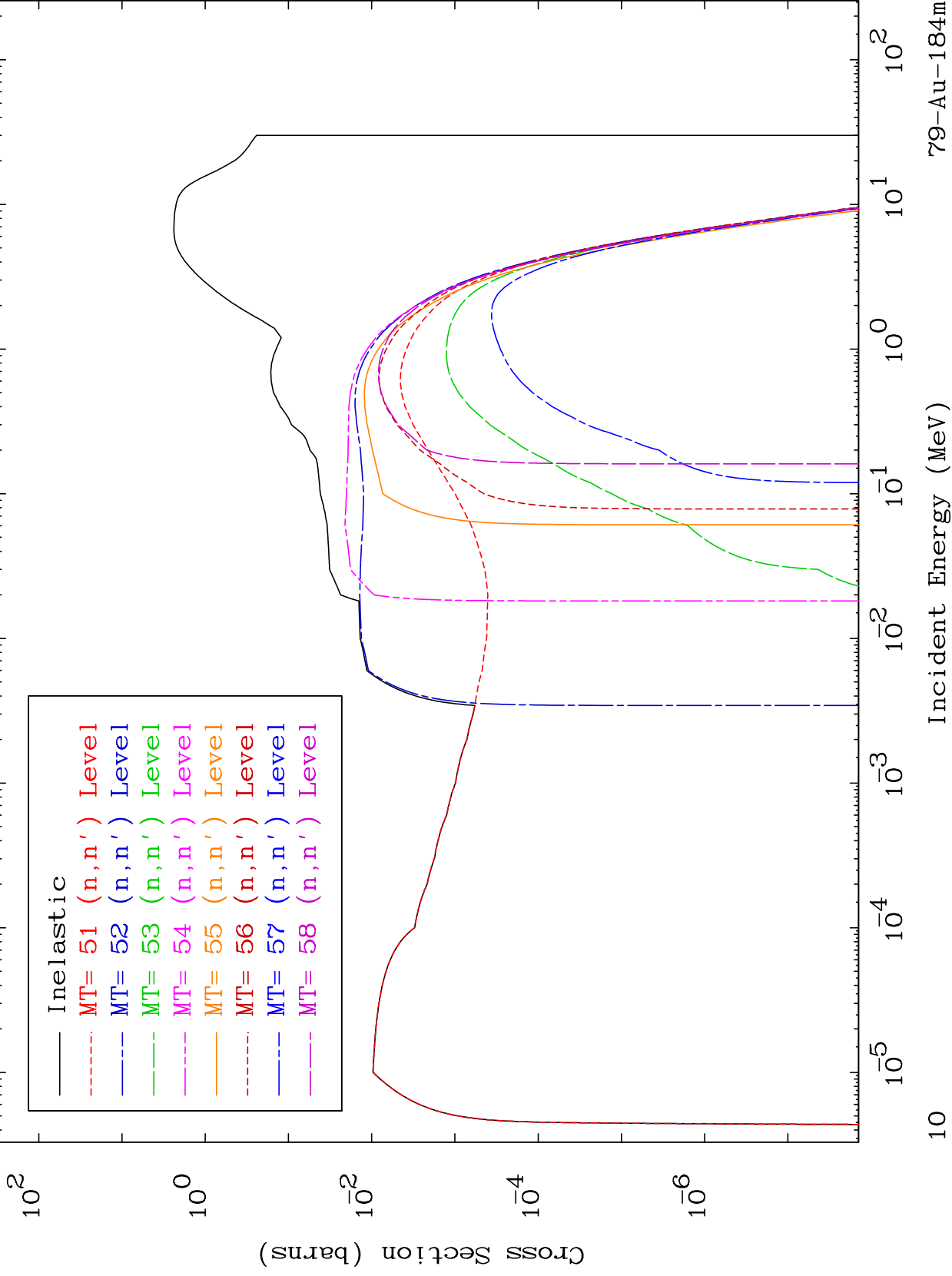
79-Au-184m



MAT 7887

(n,n') Levels  
293 Kelvin Cross Sections

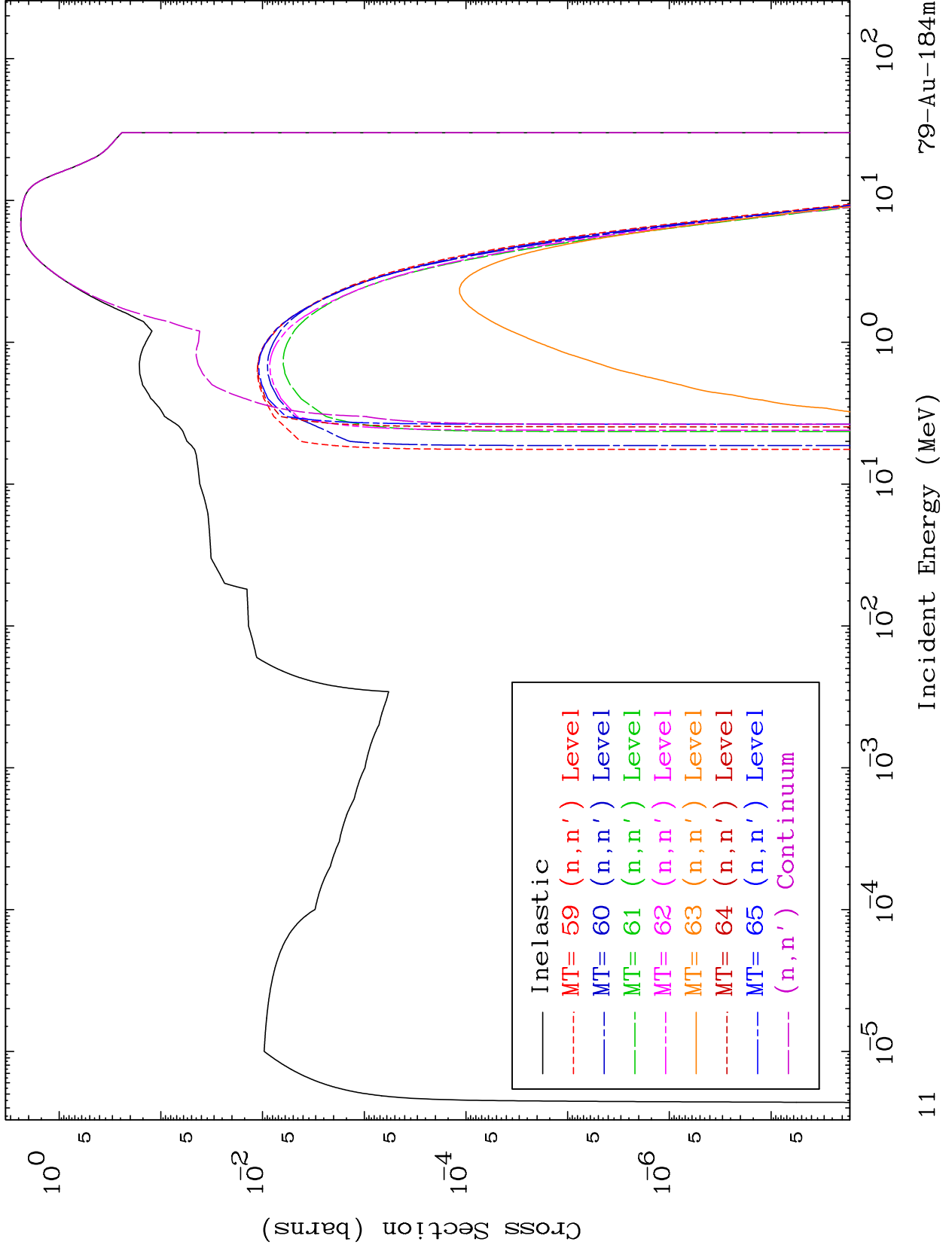
<sup>79</sup>Au-184m



MAT 7887

(n,n') Levels  
293 Kelvin Cross Sections

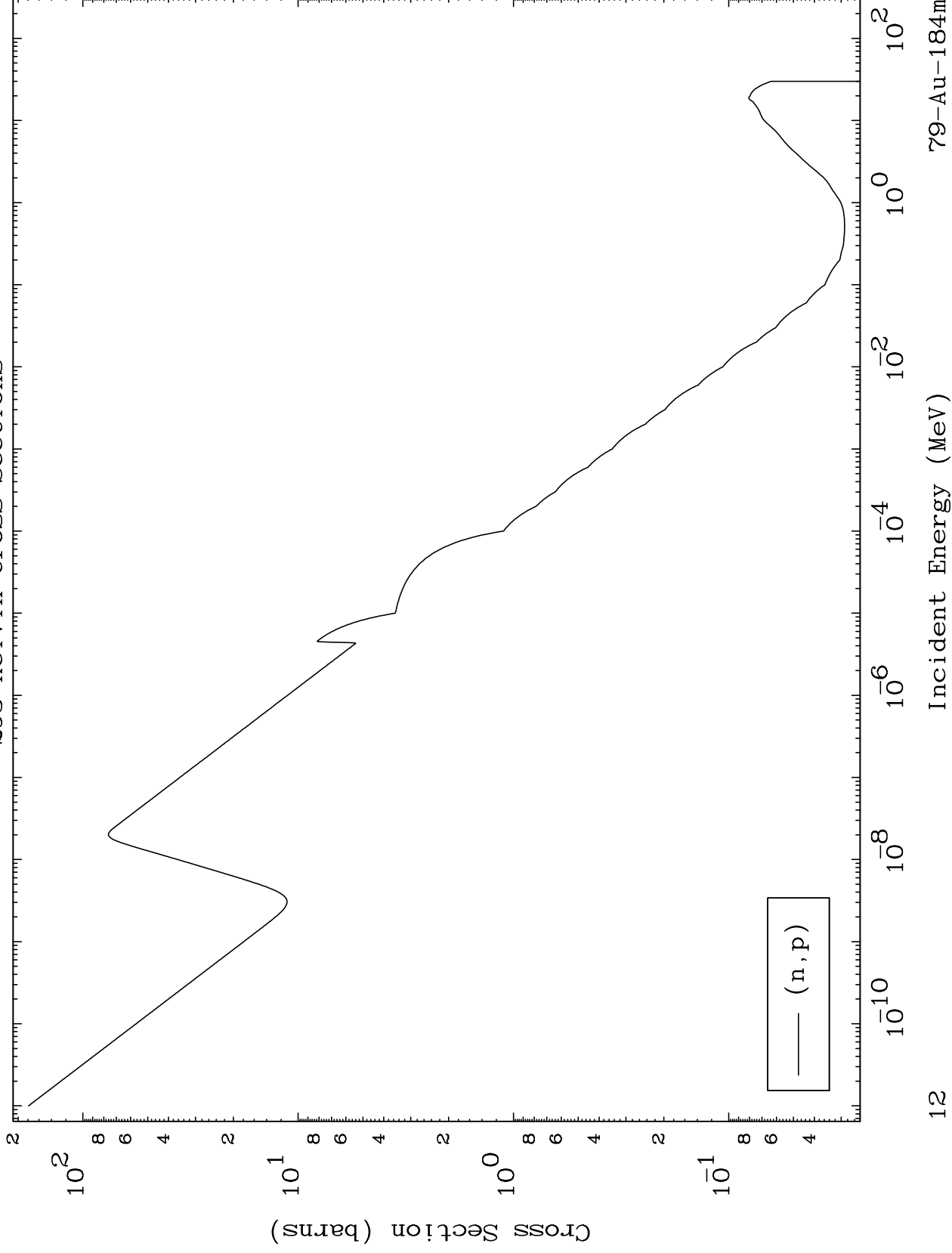
<sup>79</sup>Au-184m



MAT 7887

(n,p) Levels  
293 Kelvin Cross Sections

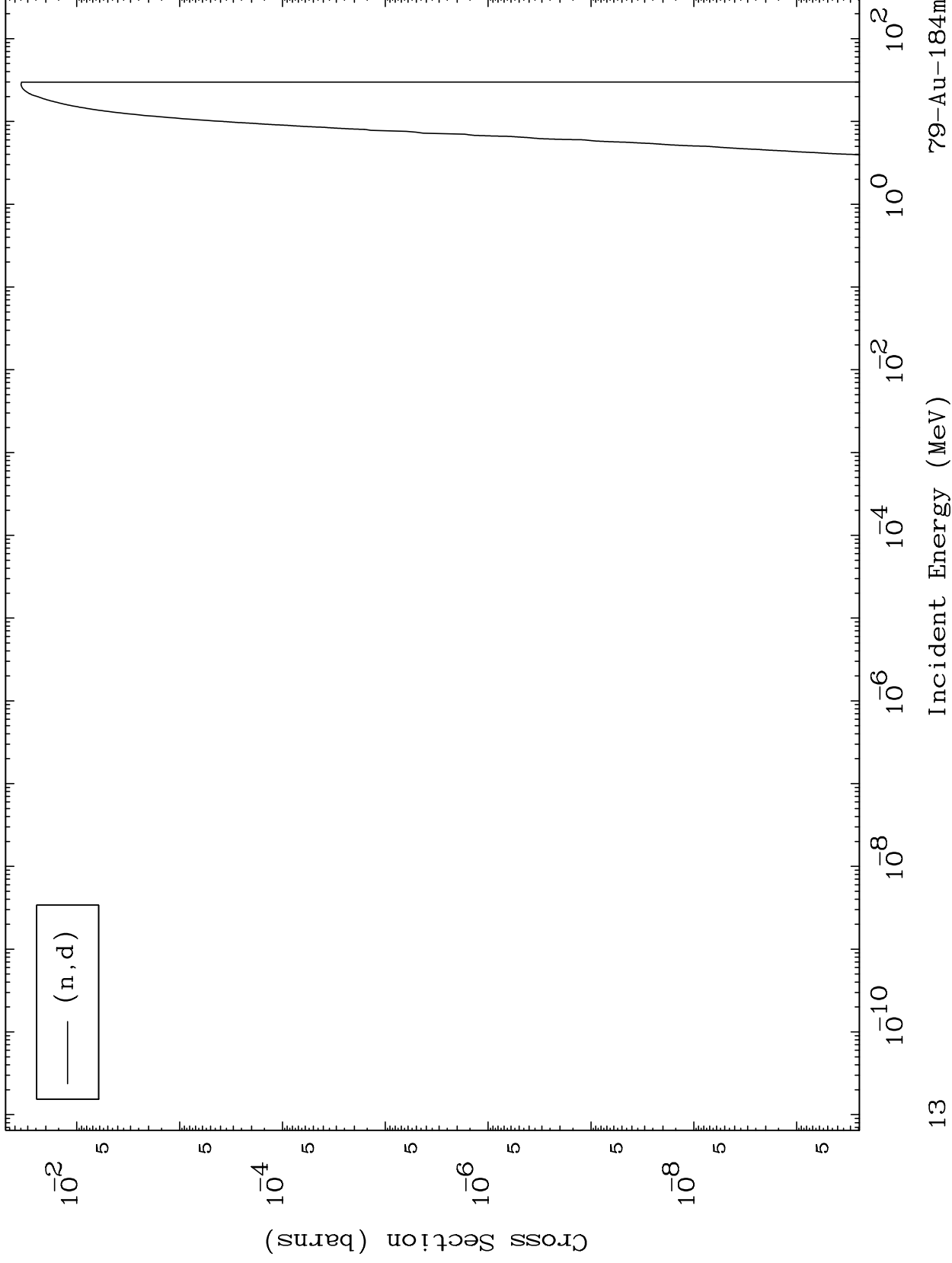
79-Au-184m



MAT 7887

(n,d) Levels  
293 Kelvin Cross Sections

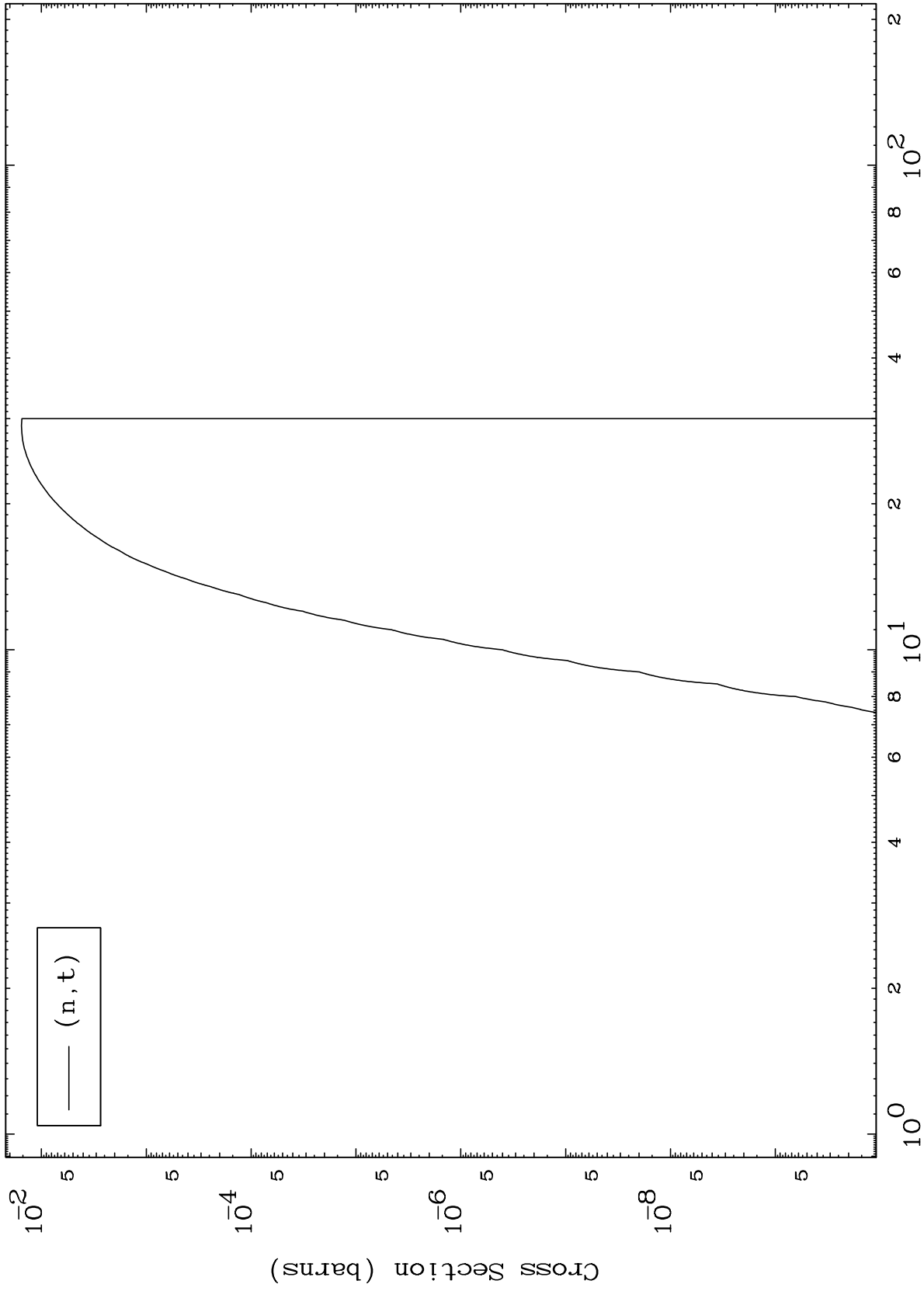
<sup>79</sup>Au-184m



MAT 7887

(n,t) Levels  
293 Kelvin Cross Sections

<sup>79</sup>Au-184m



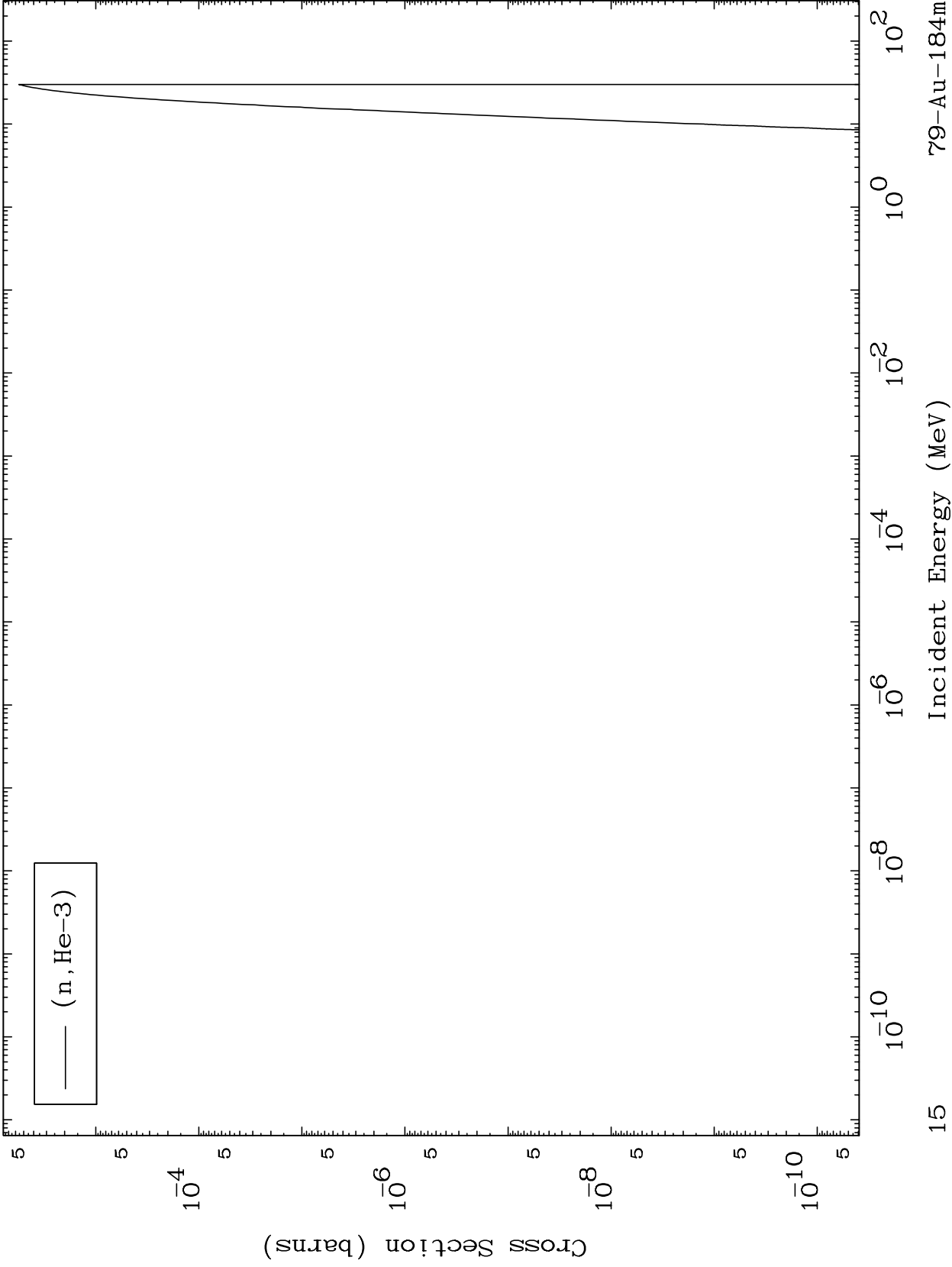
Incident Energy (MeV)

<sup>79</sup>Au-184m

MAT 7887

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-184m

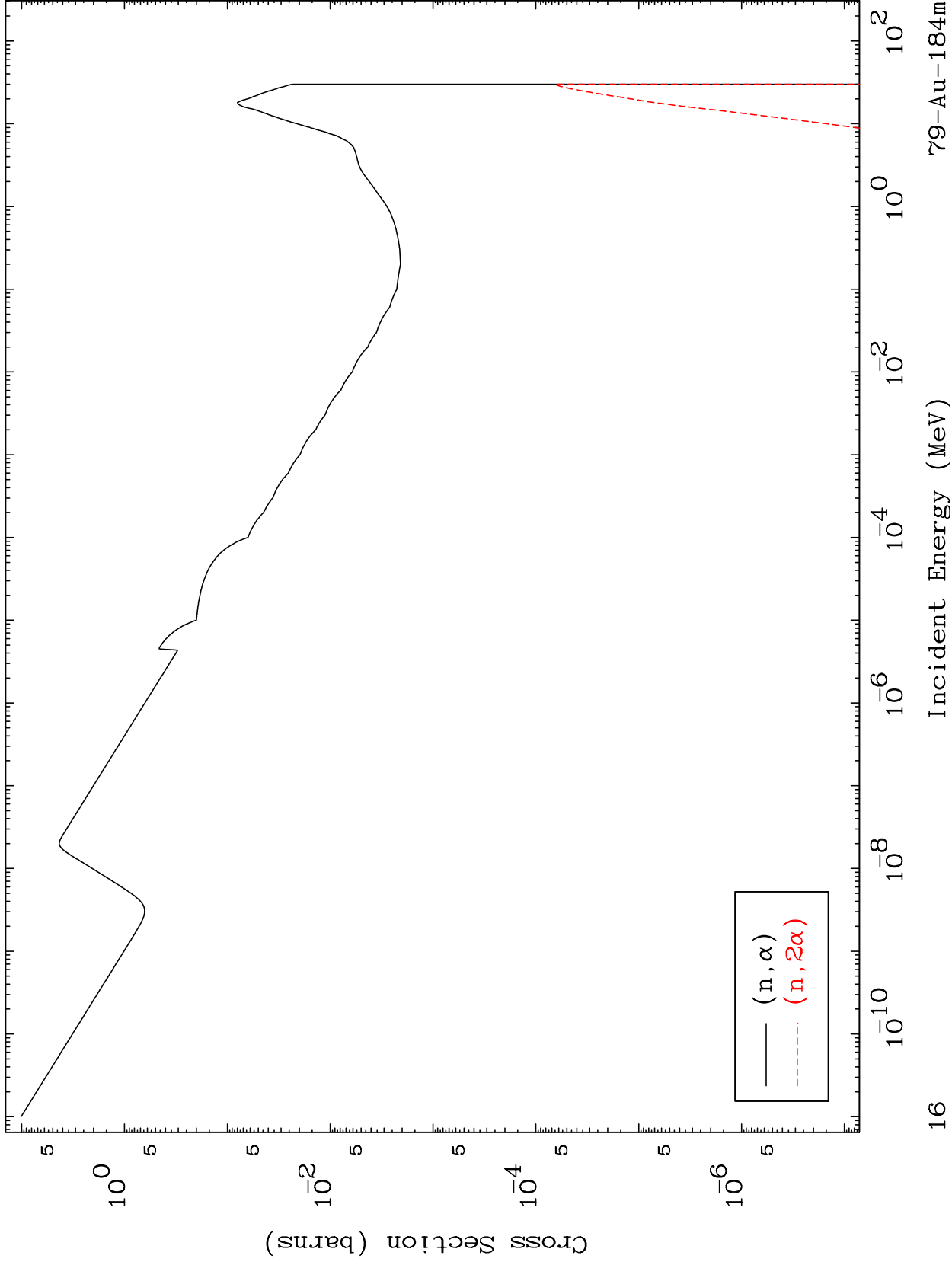




MAT 7887

(n,α) Levels  
293 Kelvin Cross Sections

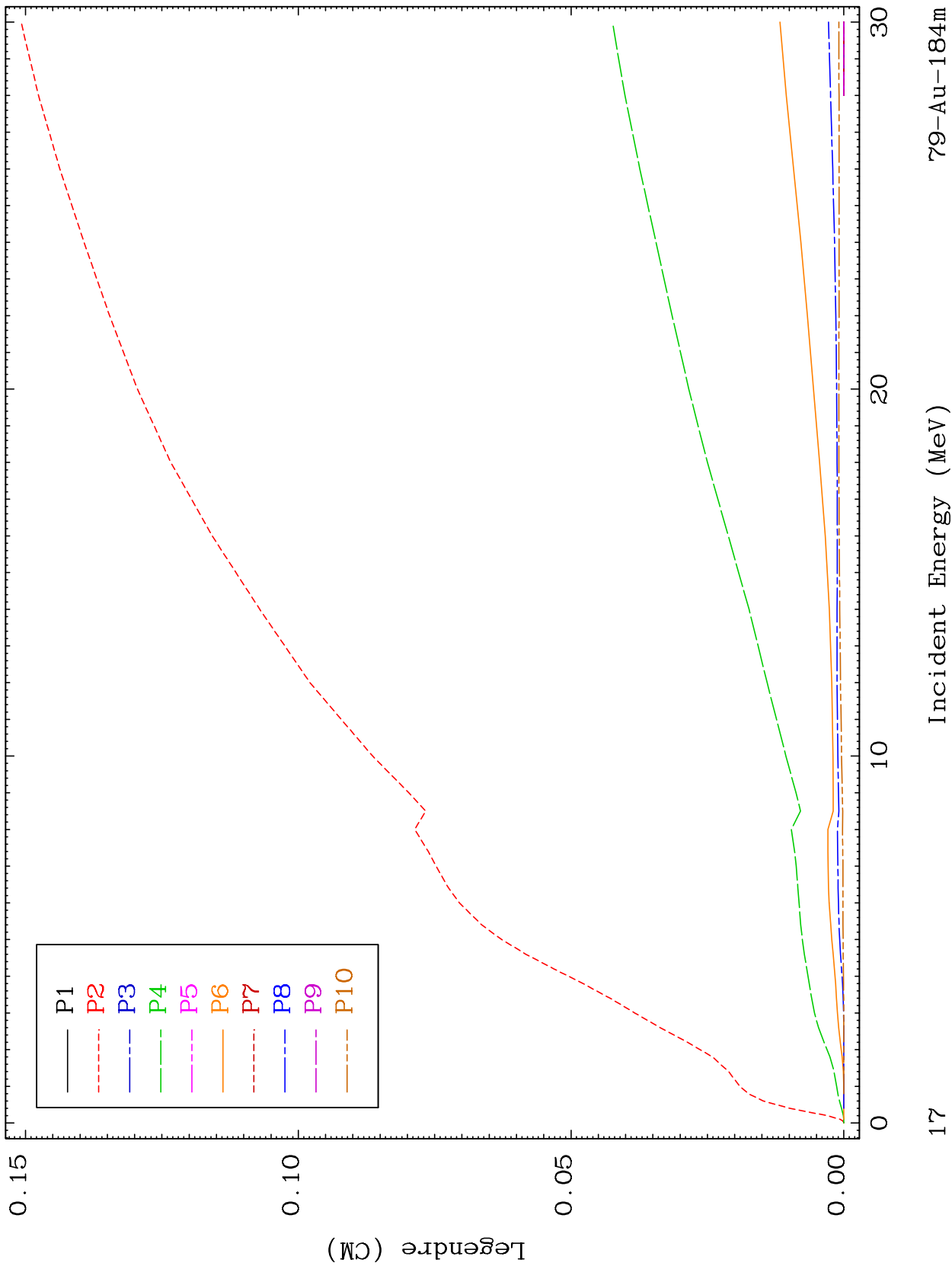
<sup>79</sup>Au-184m



MAT 7887

Elastic Legendre Coefficients

79-Au-184m



17

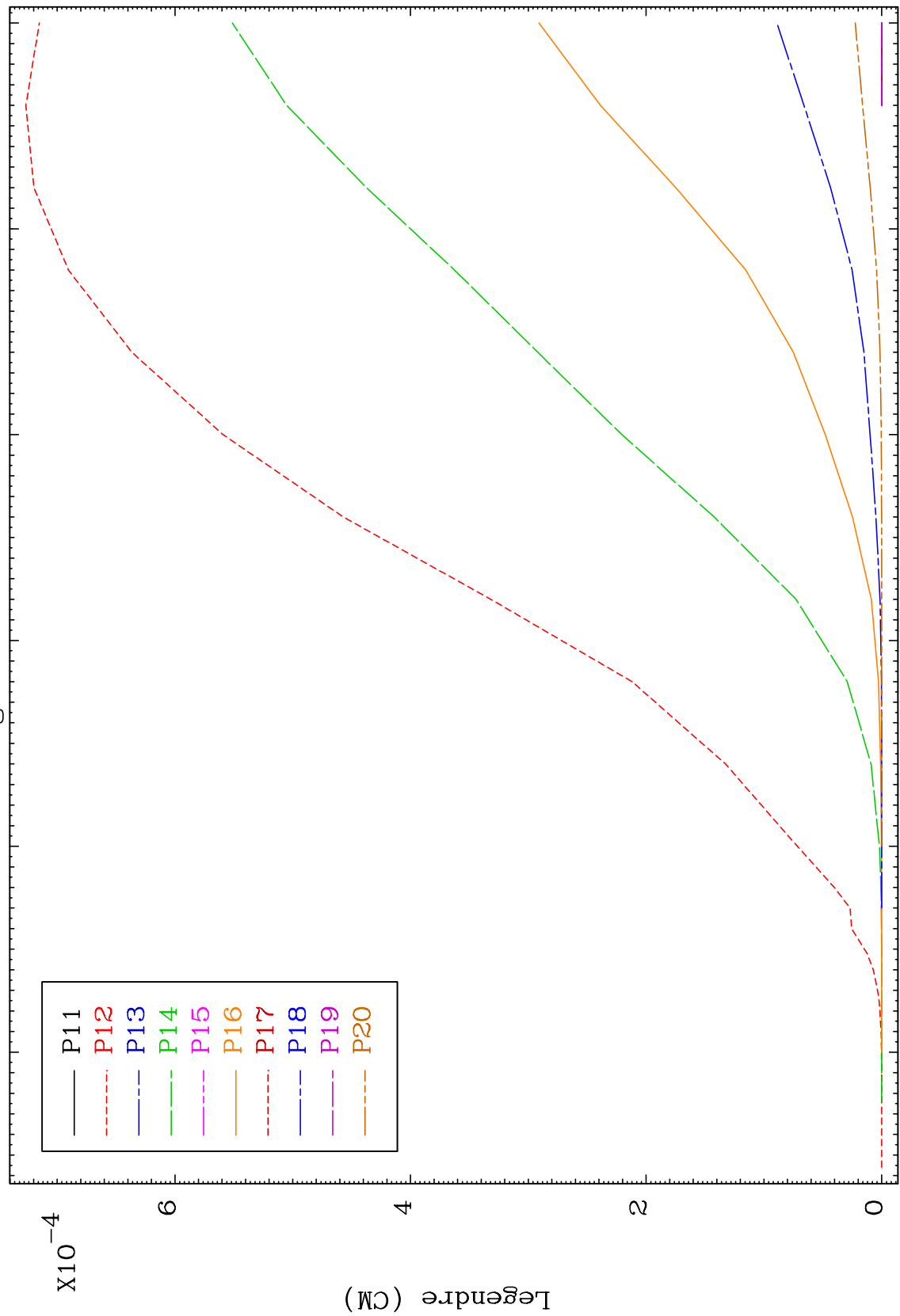
Incident Energy (MeV)

79-Au-184m

MAT 7887

Elastic Legendre Coefficients

<sup>79</sup>Au-184m



18

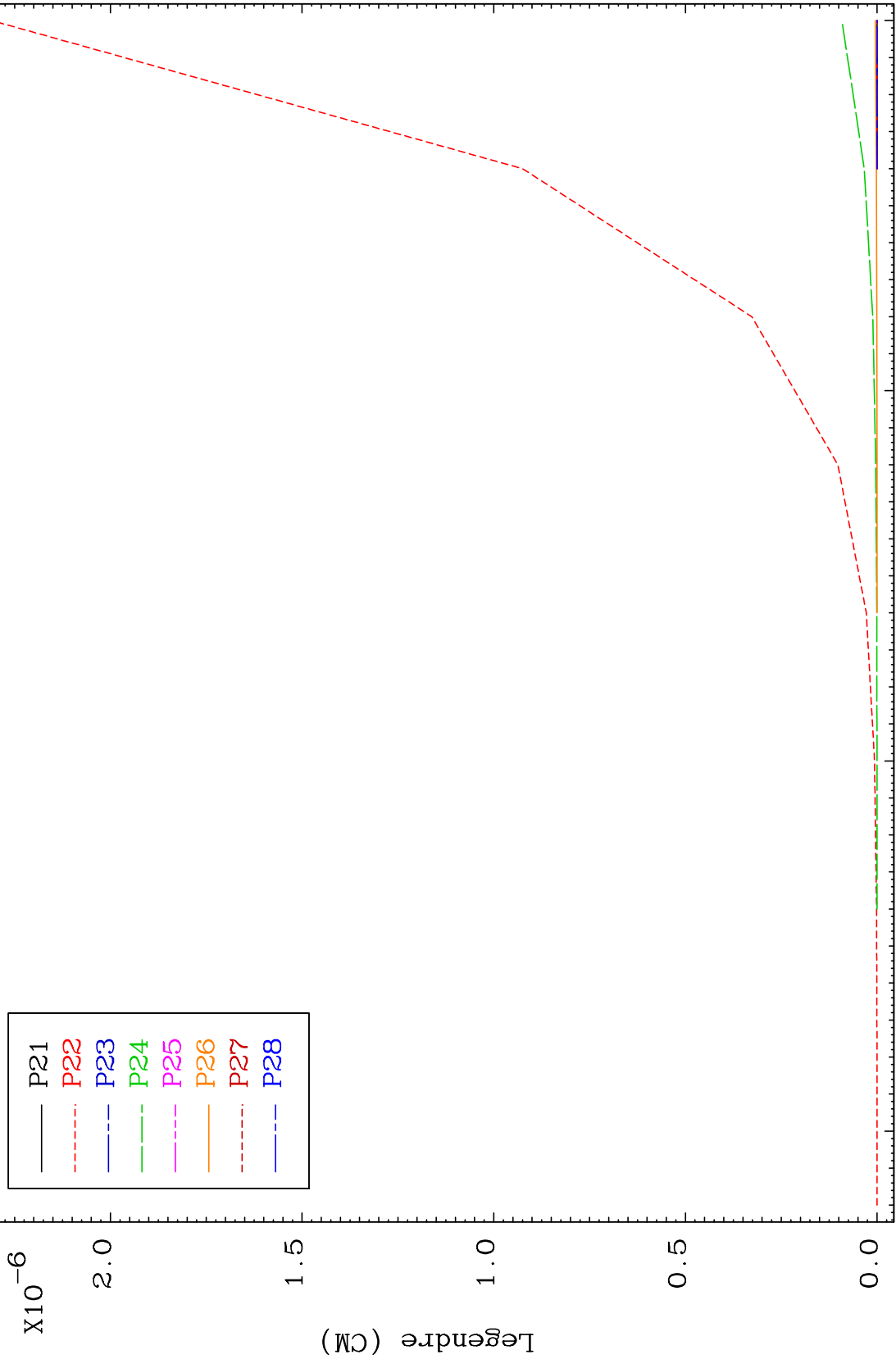
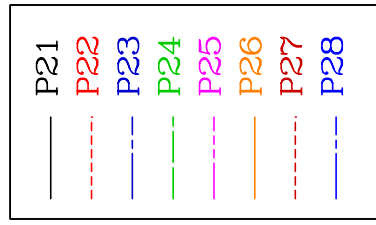
Incident Energy (MeV)

<sup>79</sup>Au-184m

MAT 7887

Elastic Legendre Coefficients

<sup>79</sup>Au-184m



19

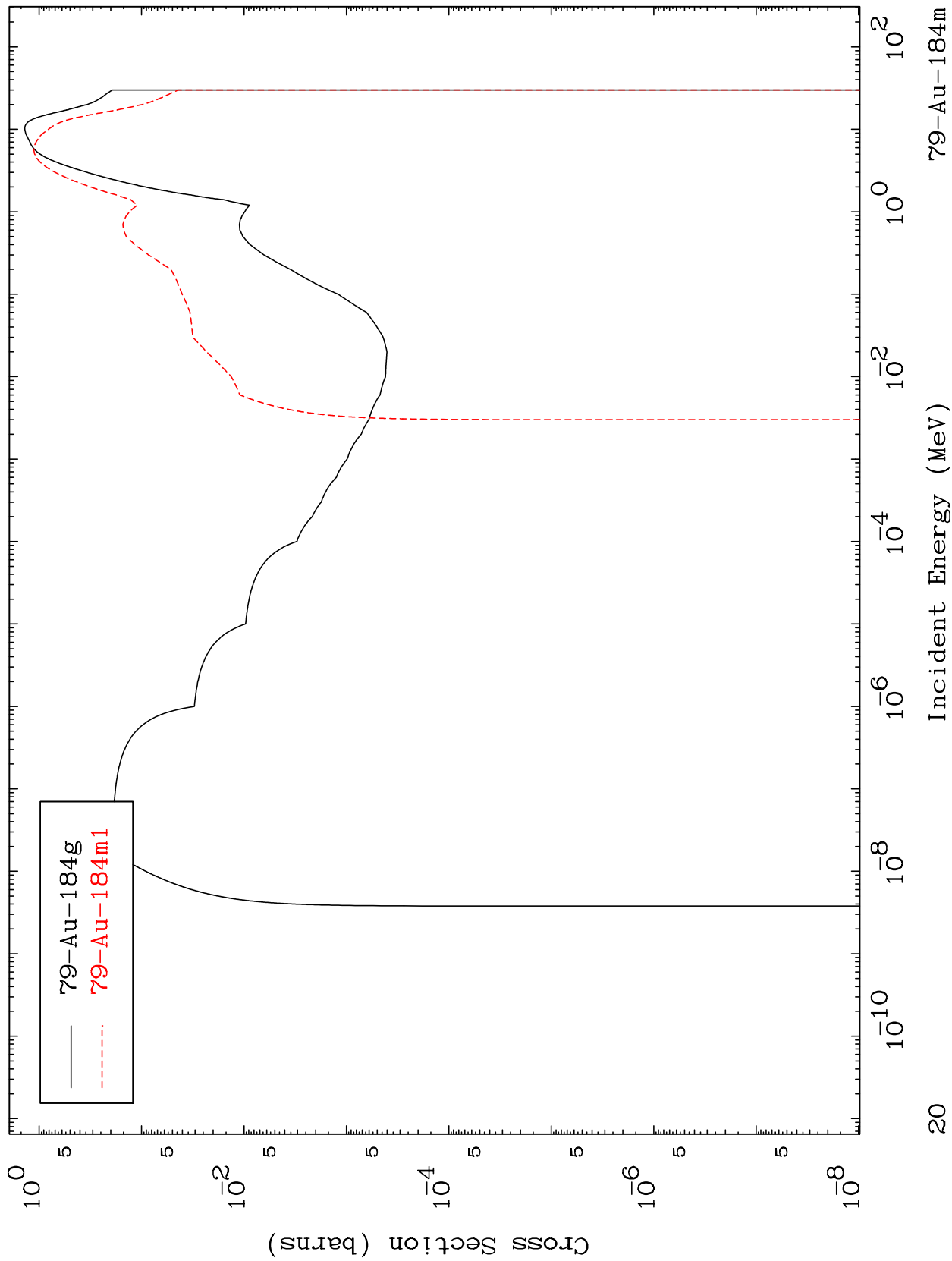
Incident Energy (MeV)

<sup>79</sup>Au-184m

MAT 7887

<sup>79</sup>Au-184m

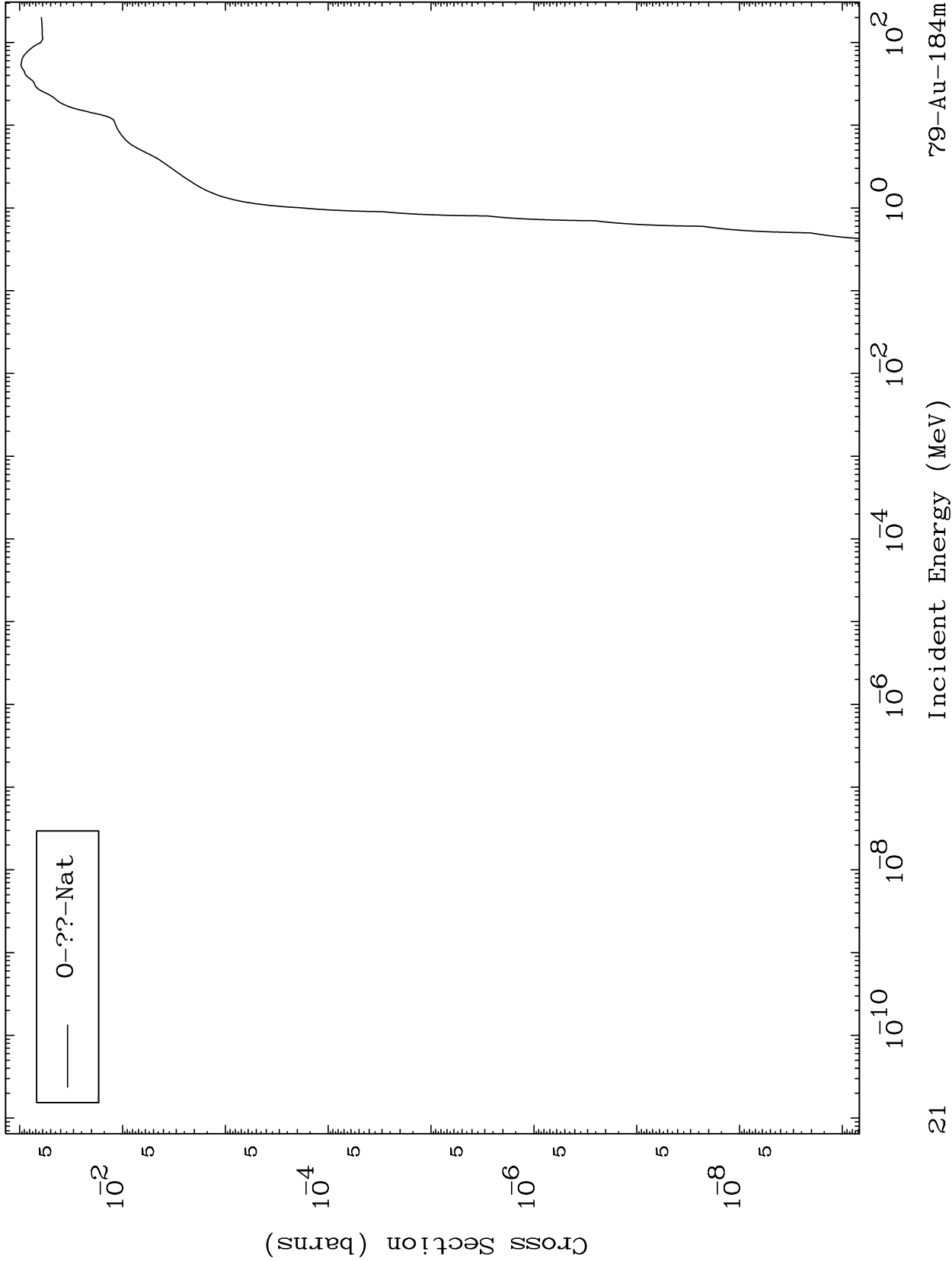
Inelastic  
Radionuclide Production Cross Section



MAT 7887

Fission  
Radionuclide Production Cross Section

<sup>79</sup>Au-184m

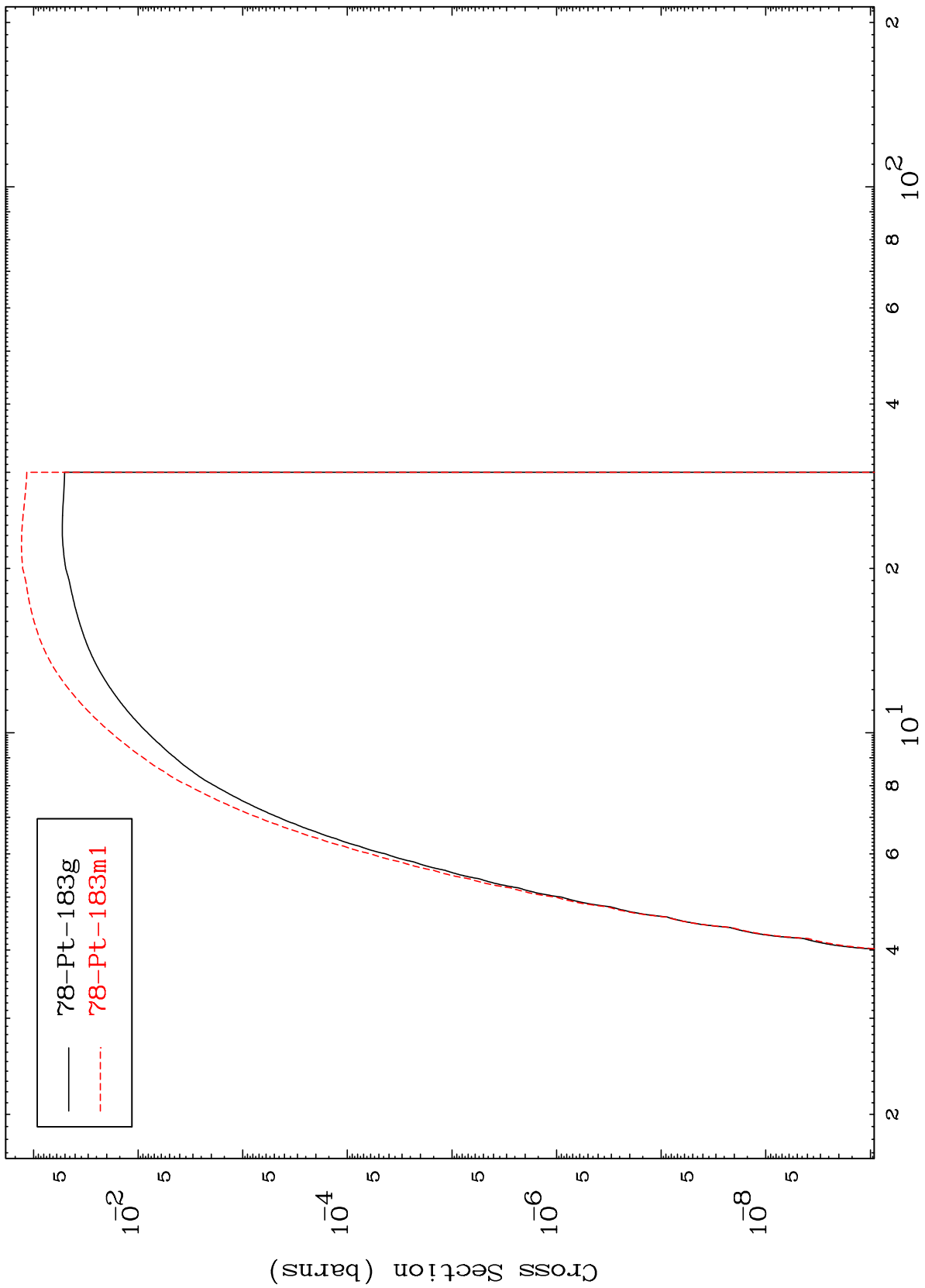


MAT 7887

<sup>79</sup>Au-184m

Radionuclide Production Cross Section

(n,n') p



— 78-Pt-183g  
- - - 78-Pt-183m1

<sup>79</sup>Au-184m

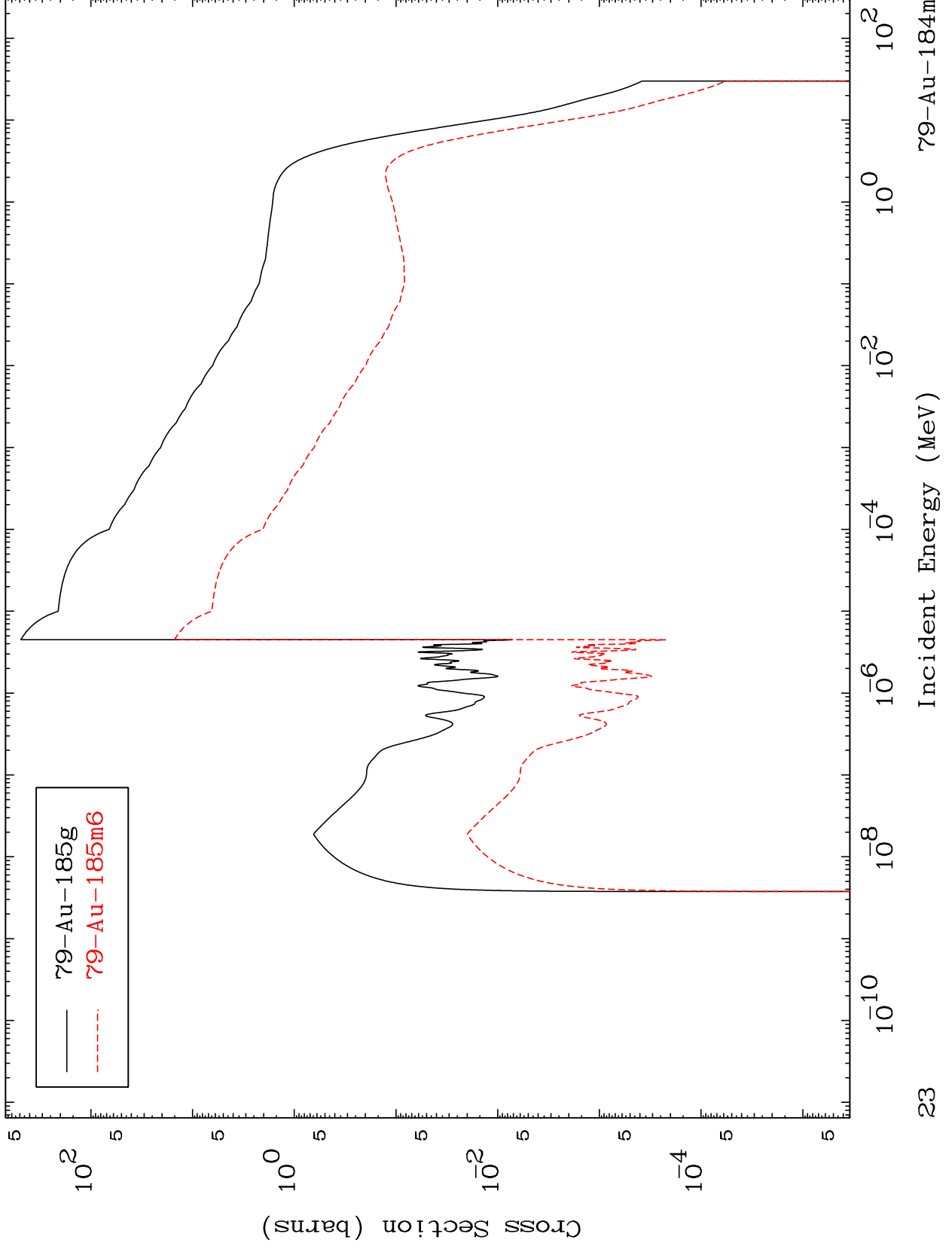
Incident Energy (MeV)

22

MAT 7887

<sup>79</sup>Au-184m

Radionuclide Production Cross Section (n,γ)



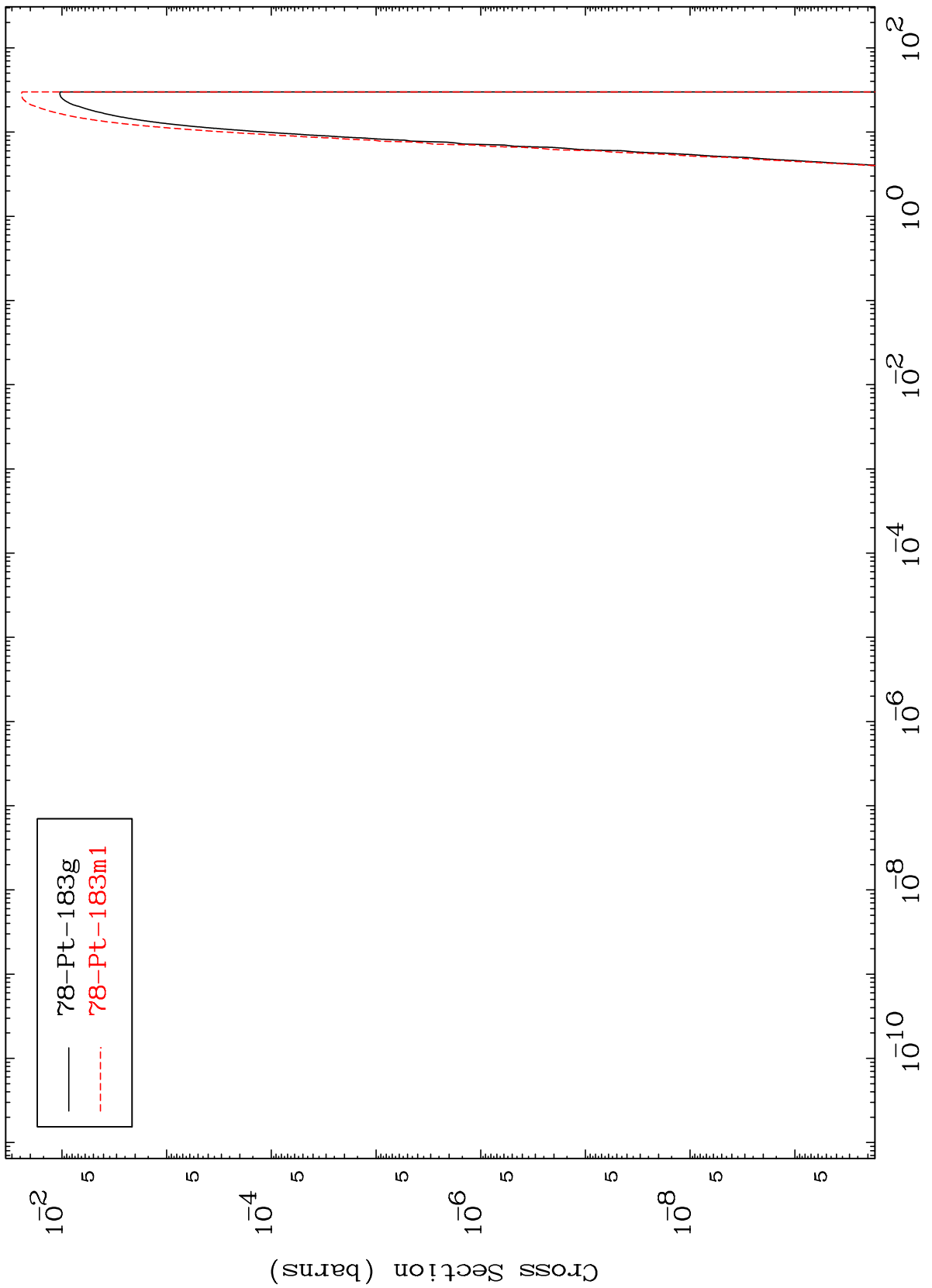


MAT 7887

(n,d)

<sup>79</sup>Au-184m

Radionuclide Production Cross Section



— 78-Pt-183g  
- - - 78-Pt-183m1