

Program EVALPLOT  
(Version 2021-1)

by

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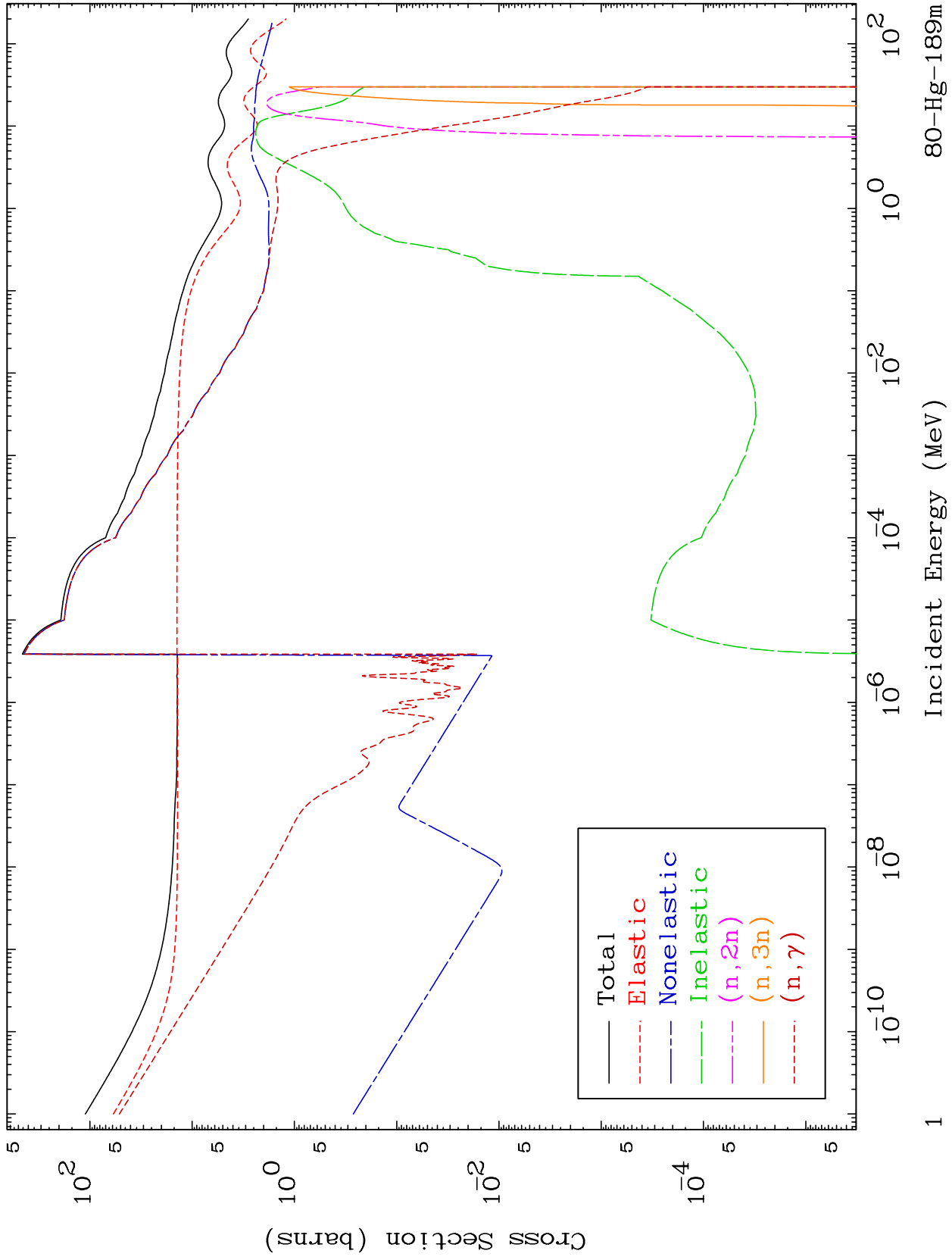
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8005

Neutron Major  
293 Kelvin Cross Sections

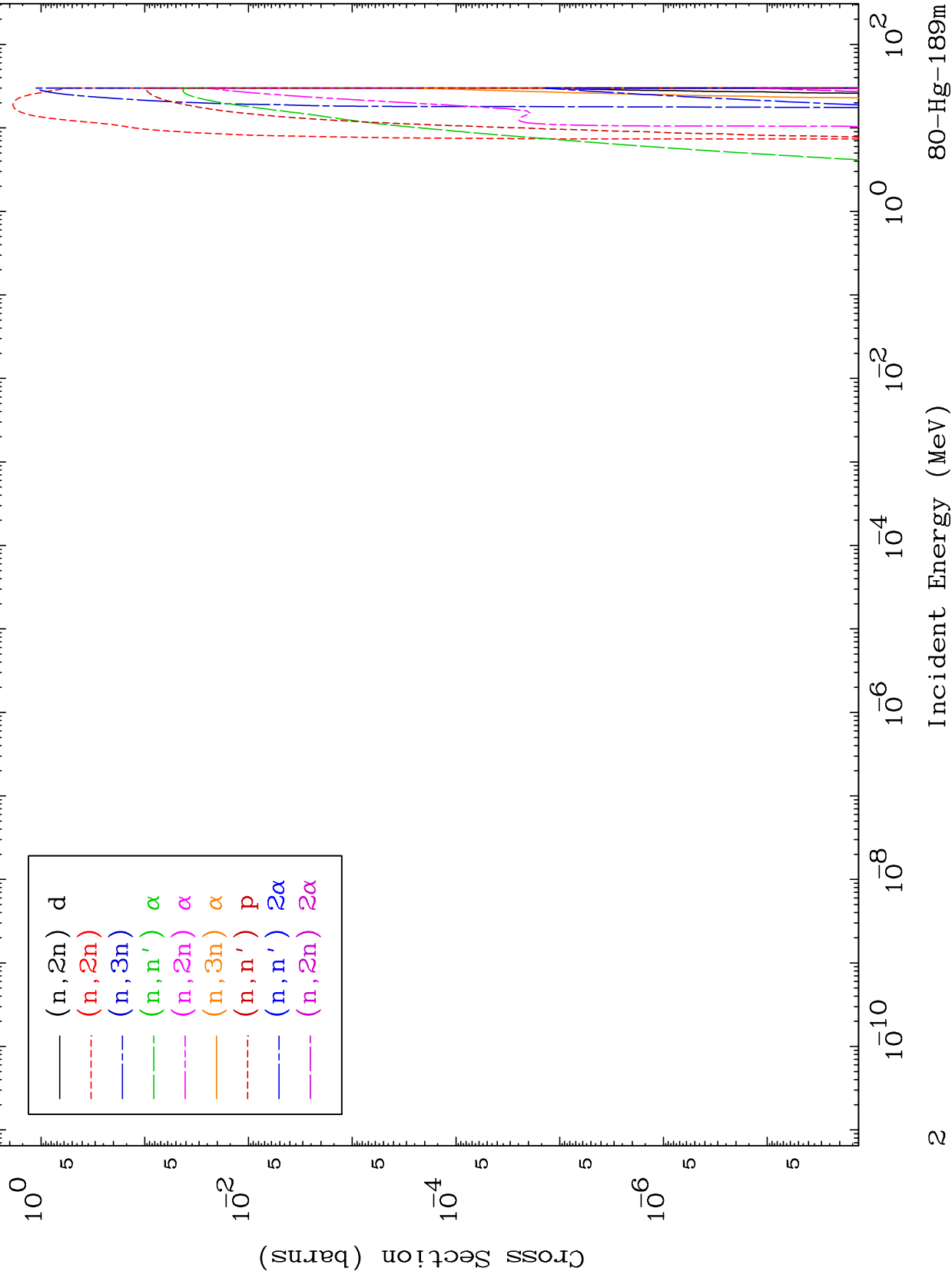
80-Hg-189m



MAT 8005

Neutron Absorption  
293 Kelvin Cross Sections

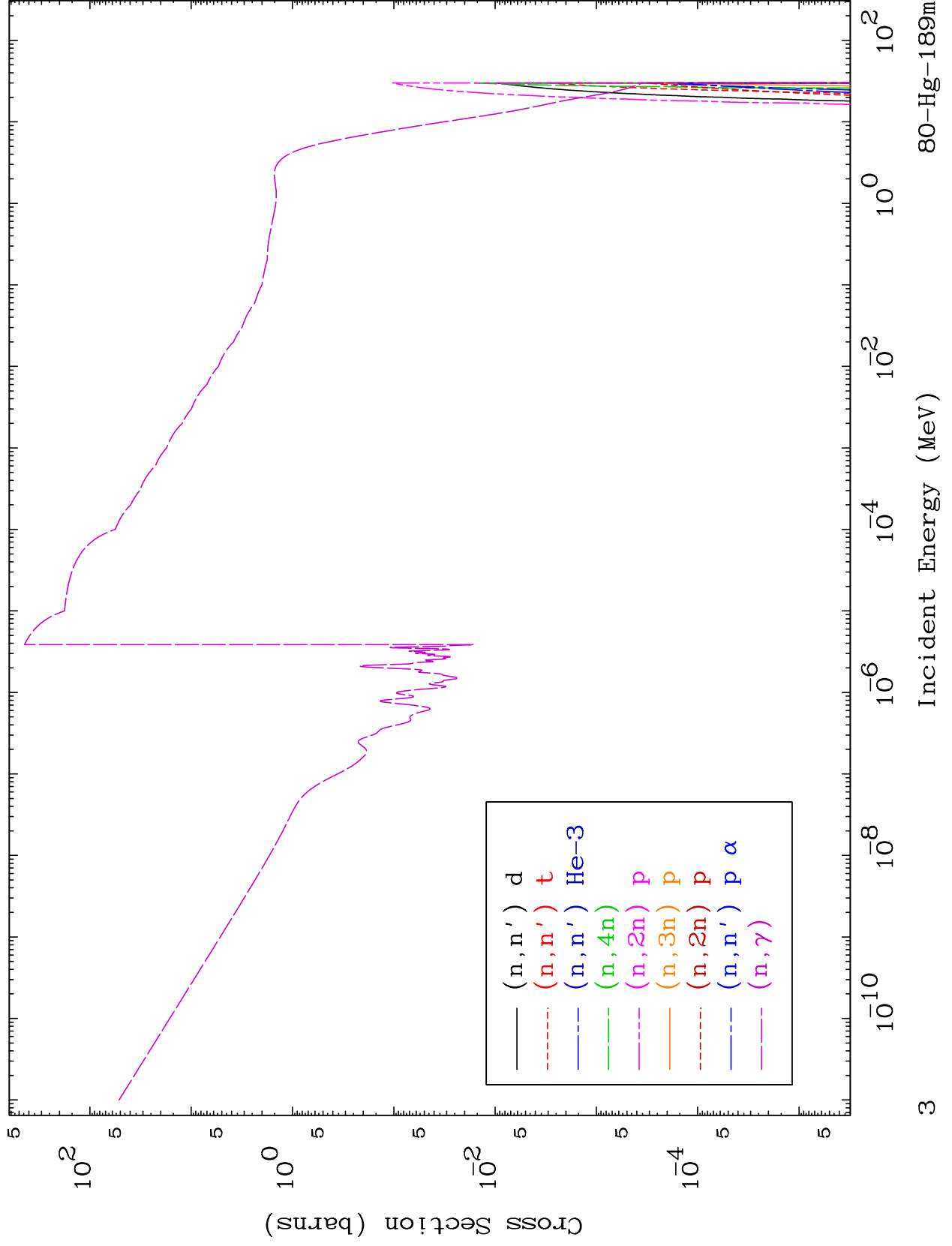
80-Hg-189m



MAT 8005

Neutron Absorption  
293 Kelvin Cross Sections

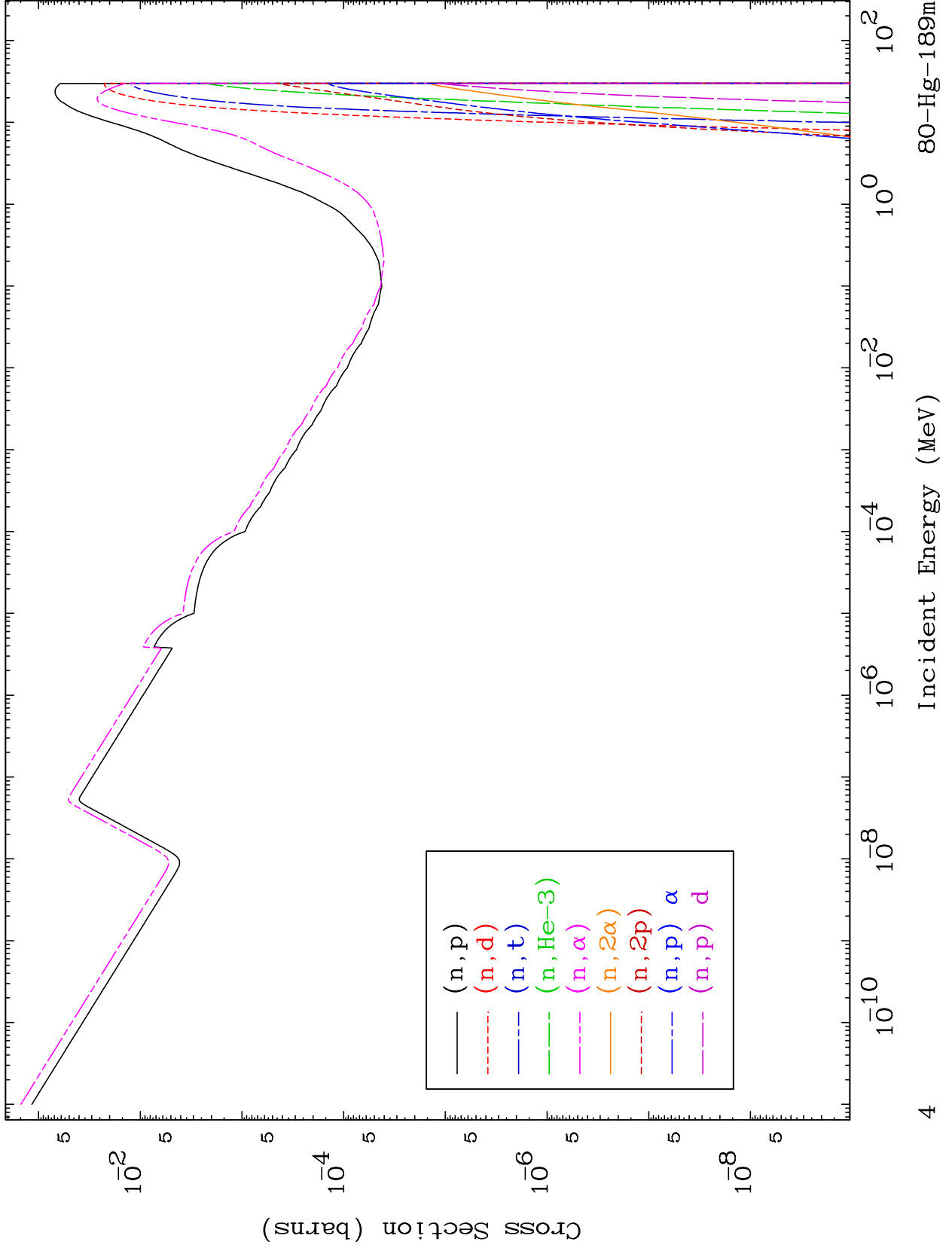
80-Hg-189m



MAT 8005

Neutron Absorption  
293 Kelvin Cross Sections

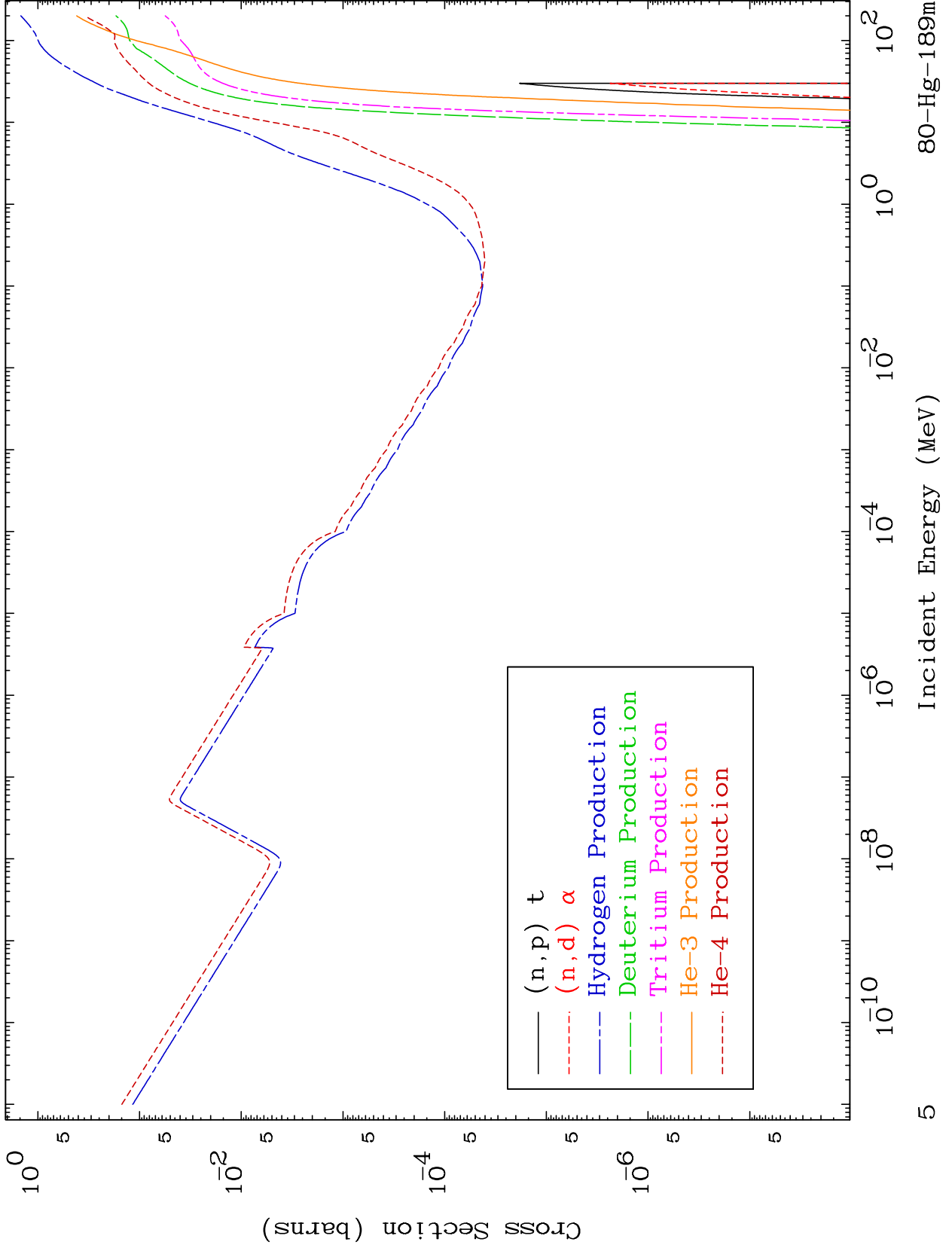
80-Hg-189m



MAT 8005

Neutron Absorption  
293 Kelvin Cross Sections

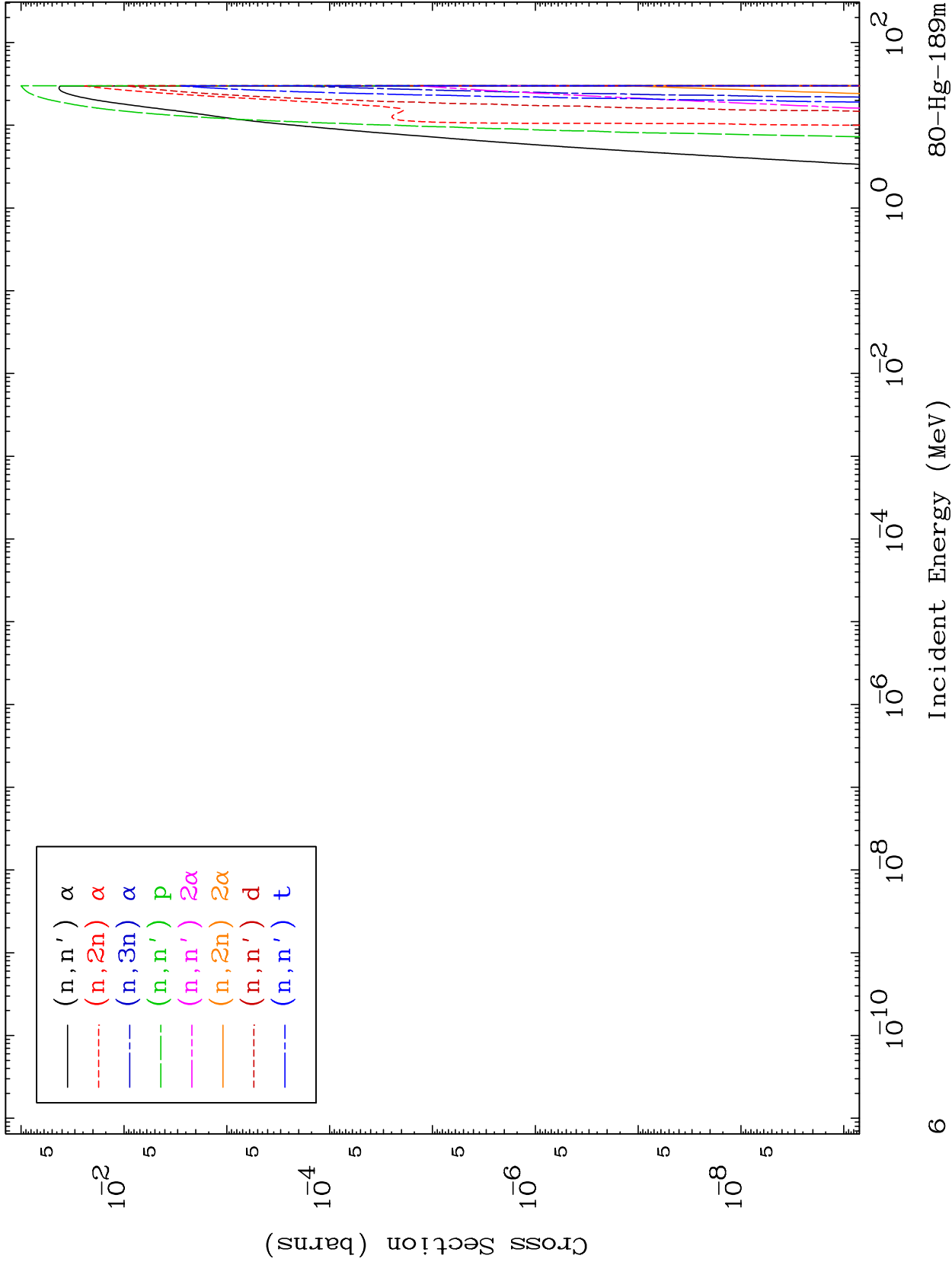
80-Hg-189m



MAT 8005

Charged Particle  
293 Kelvin Cross Sections

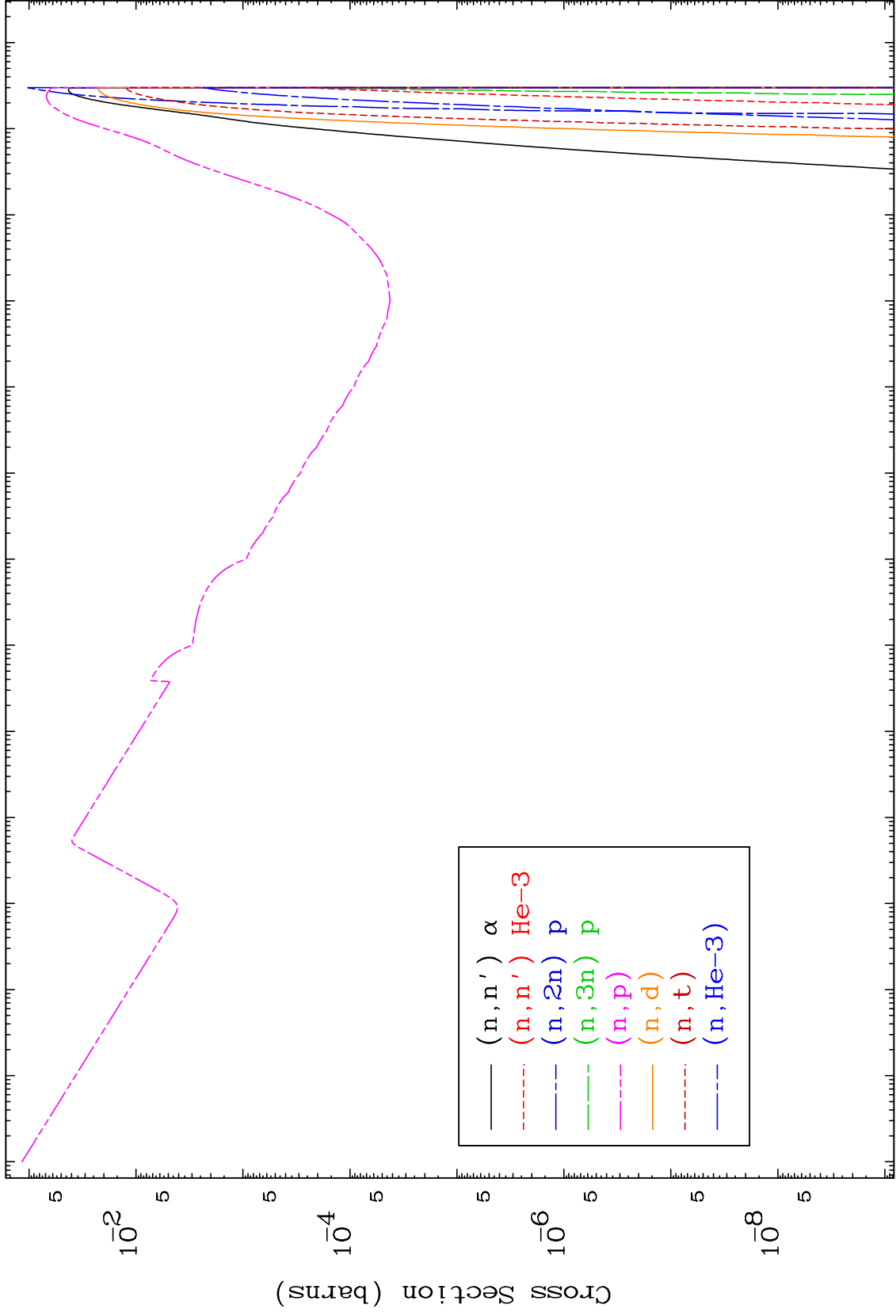
80-Hg-189m



MAT 8005

Charged Particle  
293 Kelvin Cross Sections

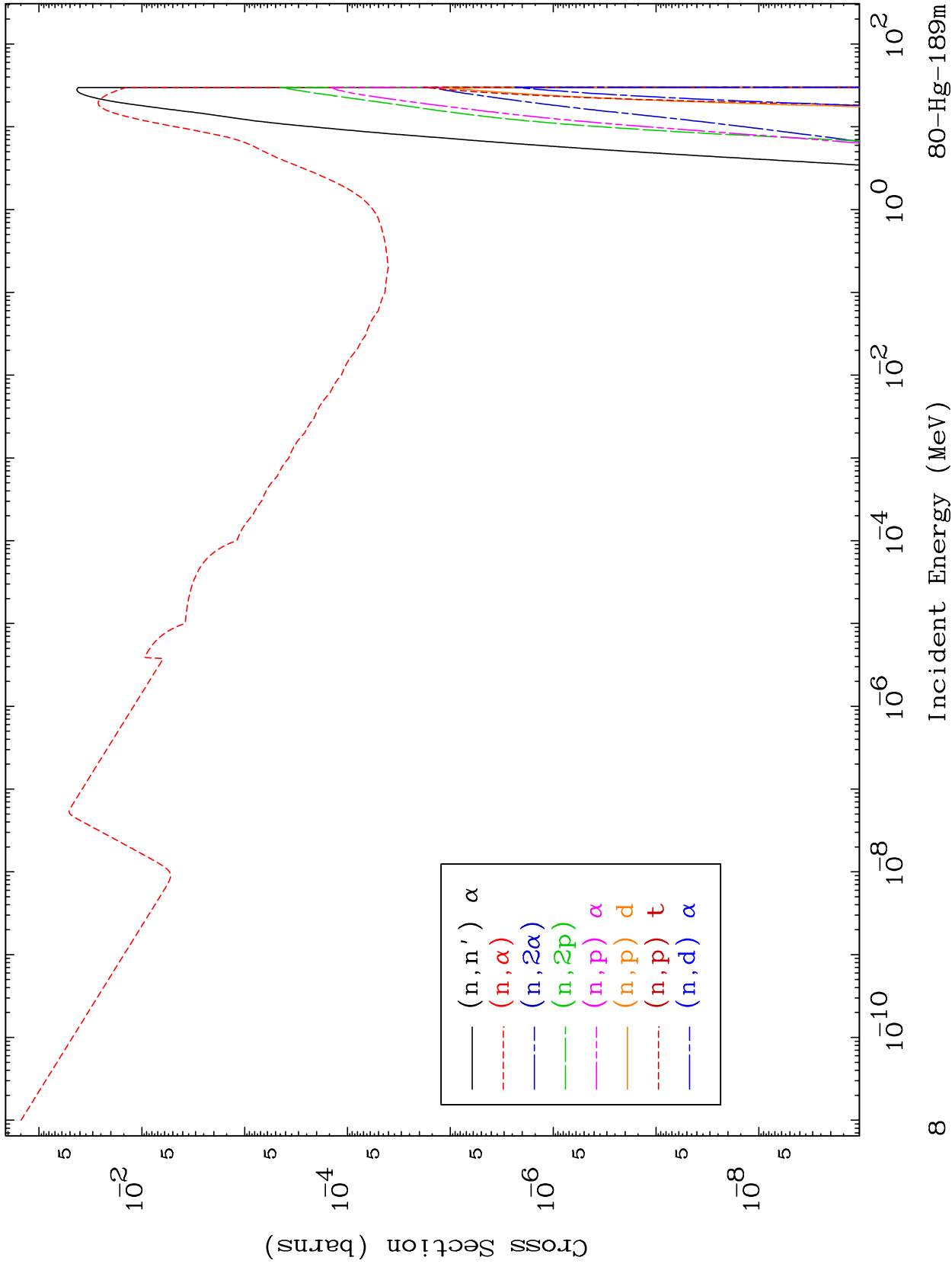
80-Hg-189m



MAT 8005

Charged Particle  
293 Kelvin Cross Sections

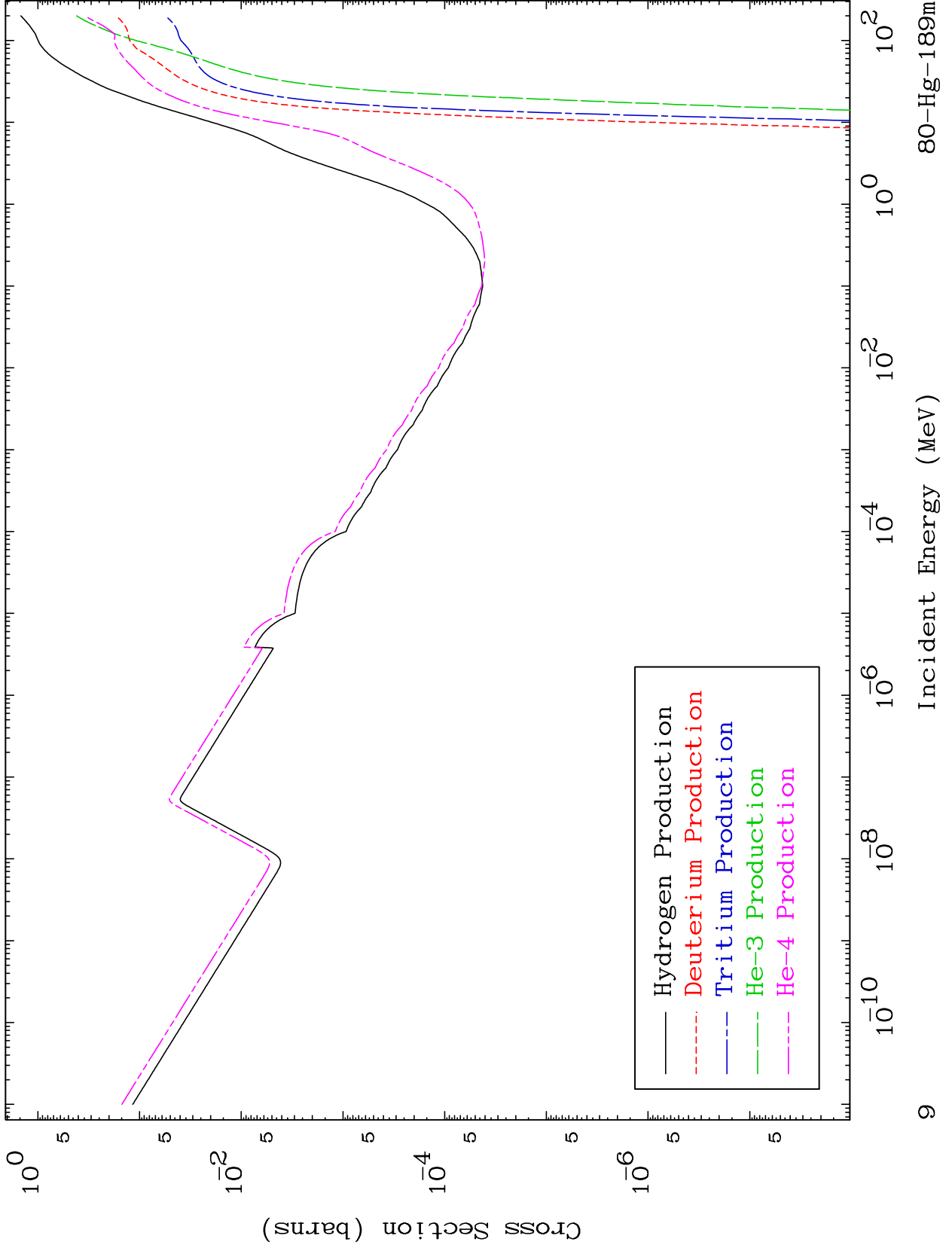
80-Hg-189m



MAT 8005

Particle Production  
293 Kelvin Cross Sections

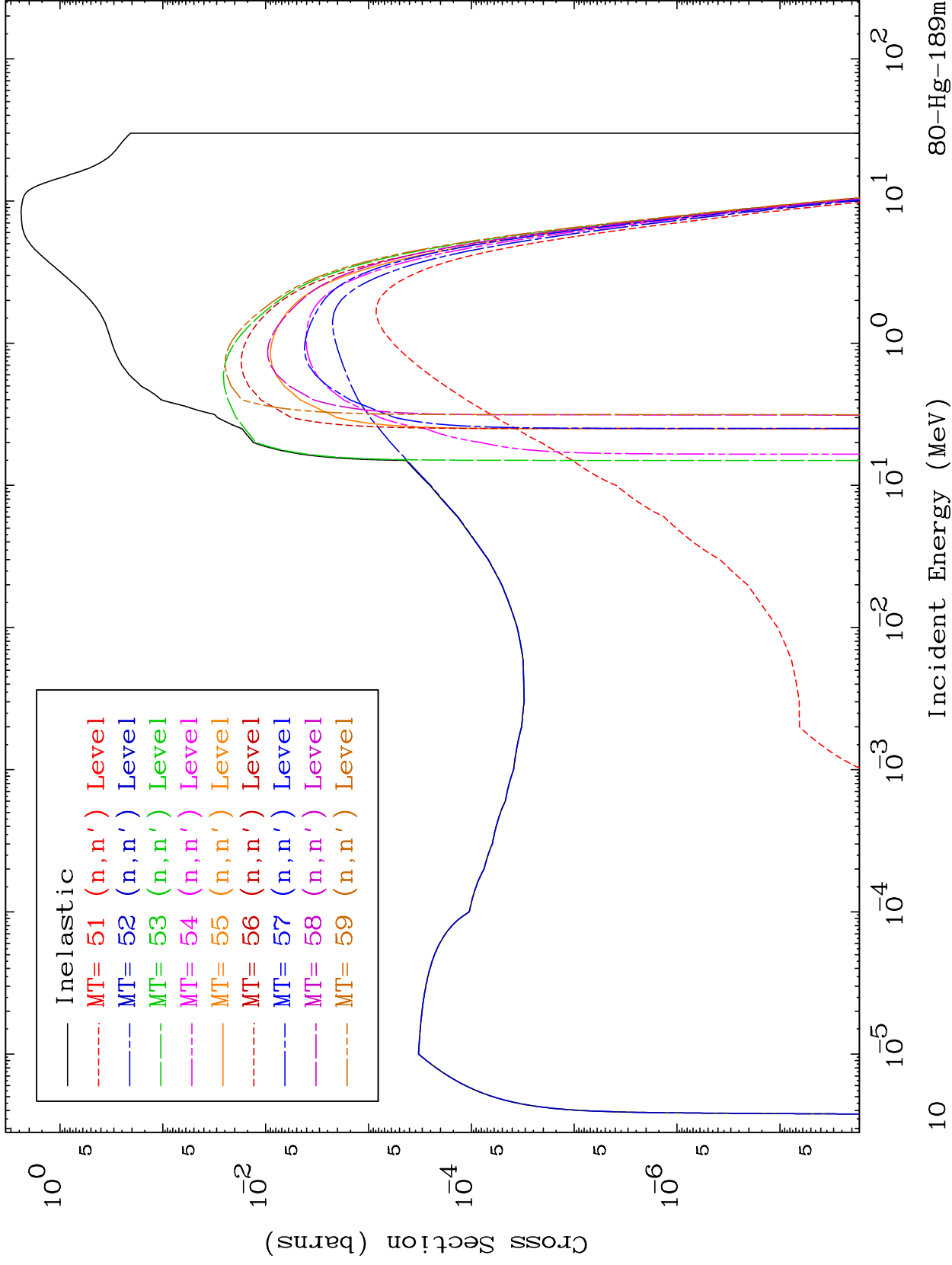
80-Hg-189m



MAT 8005

(n,n') Levels  
293 Kelvin Cross Sections

80-Hg-189m



80-Hg-189m

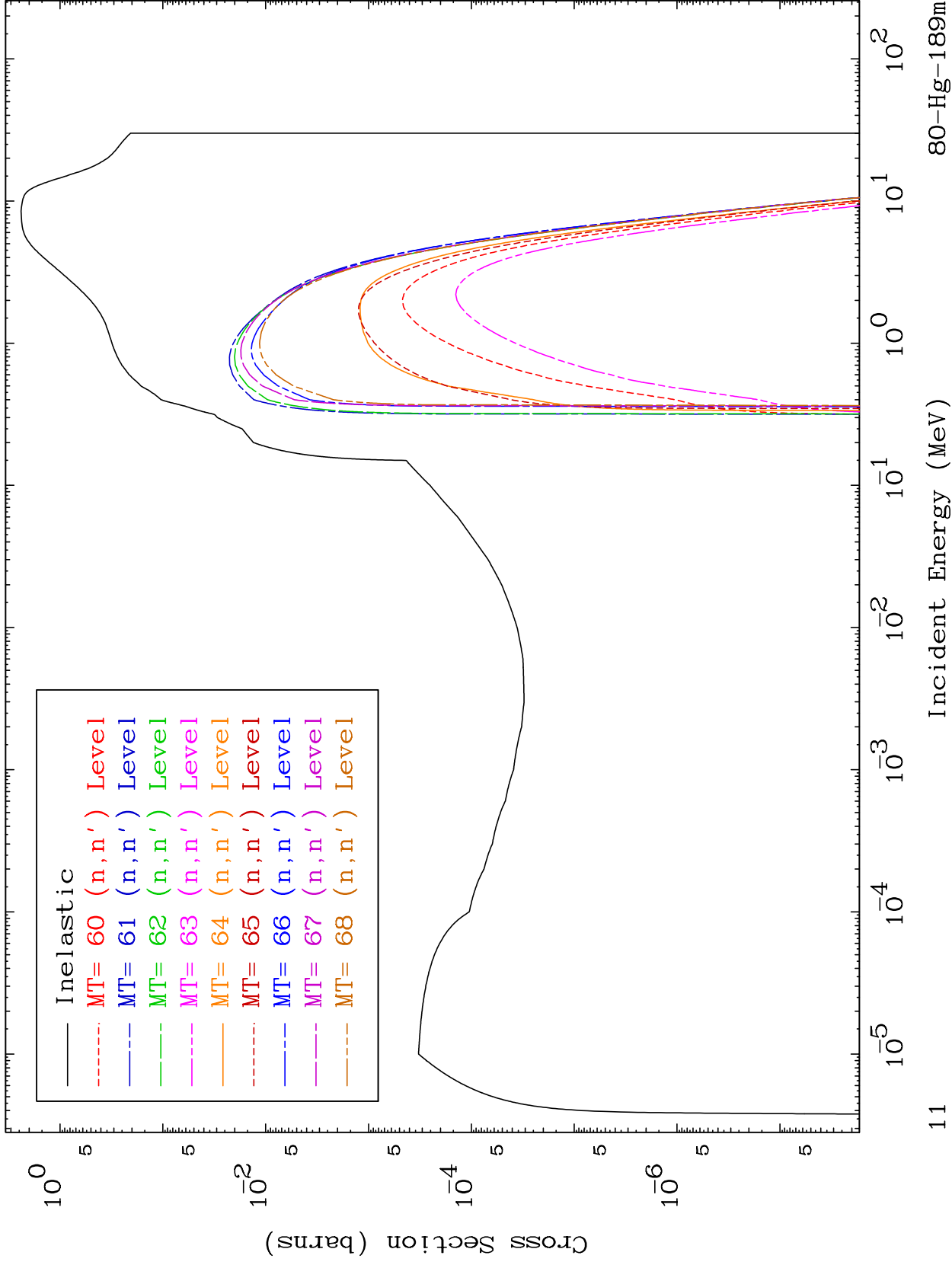
Incident Energy (MeV)

10

MAT 8005

(n,n') Levels  
293 Kelvin Cross Sections

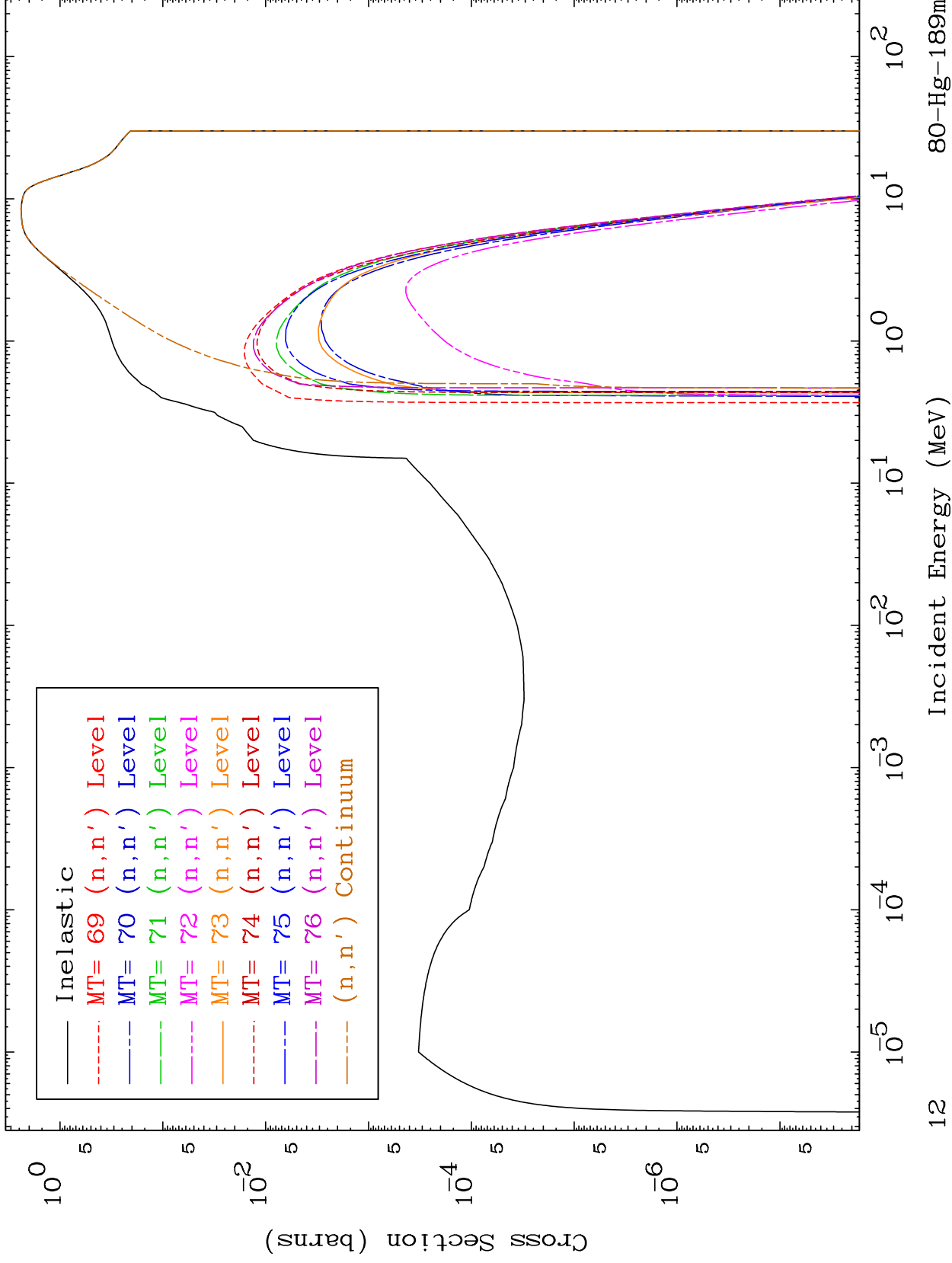
80-Hg-189m



MAT 8005

(n,n') Levels  
293 Kelvin Cross Sections

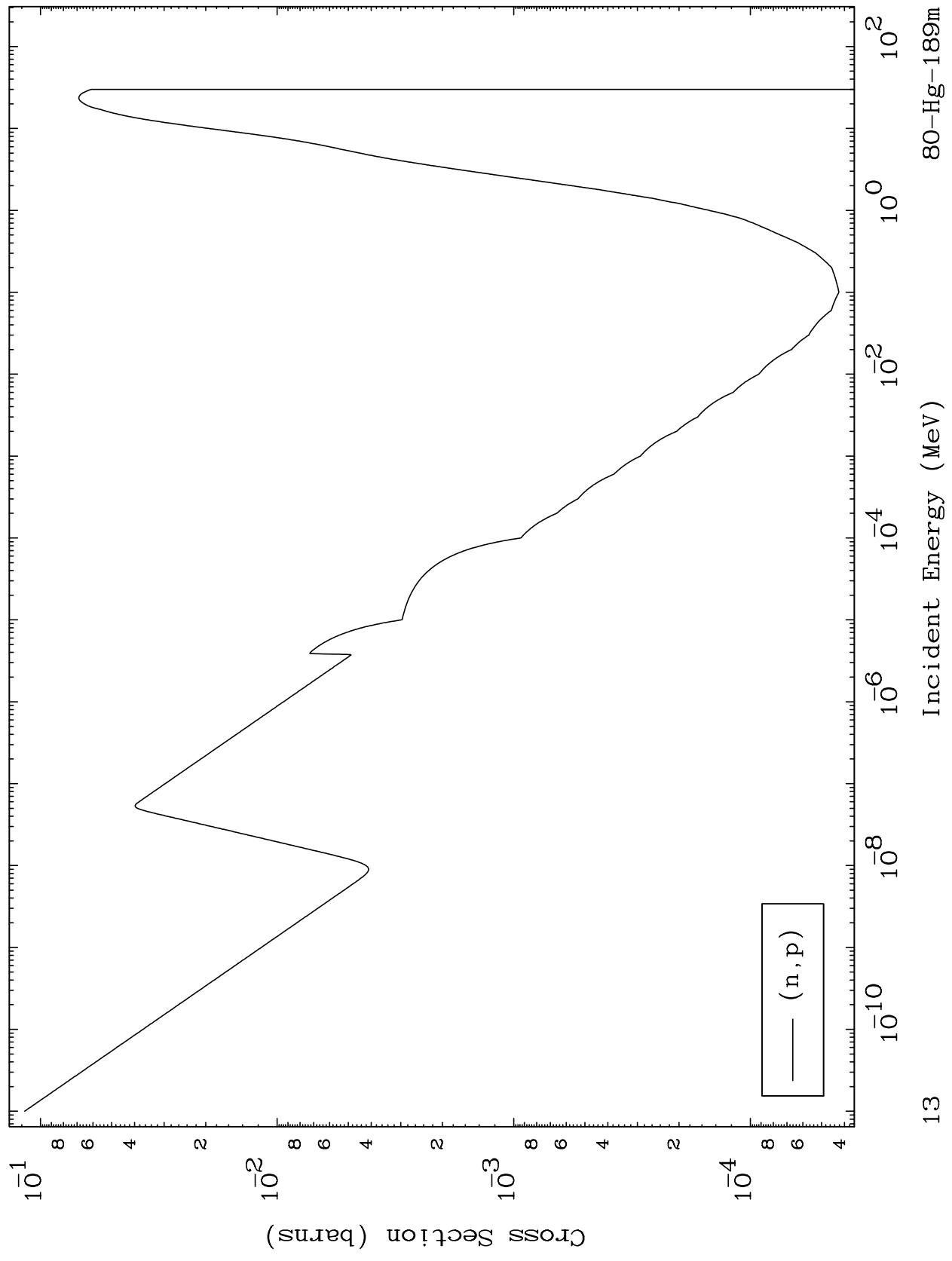
80-Hg-189m



MAT 8005

(n,p) Levels  
293 Kelvin Cross Sections

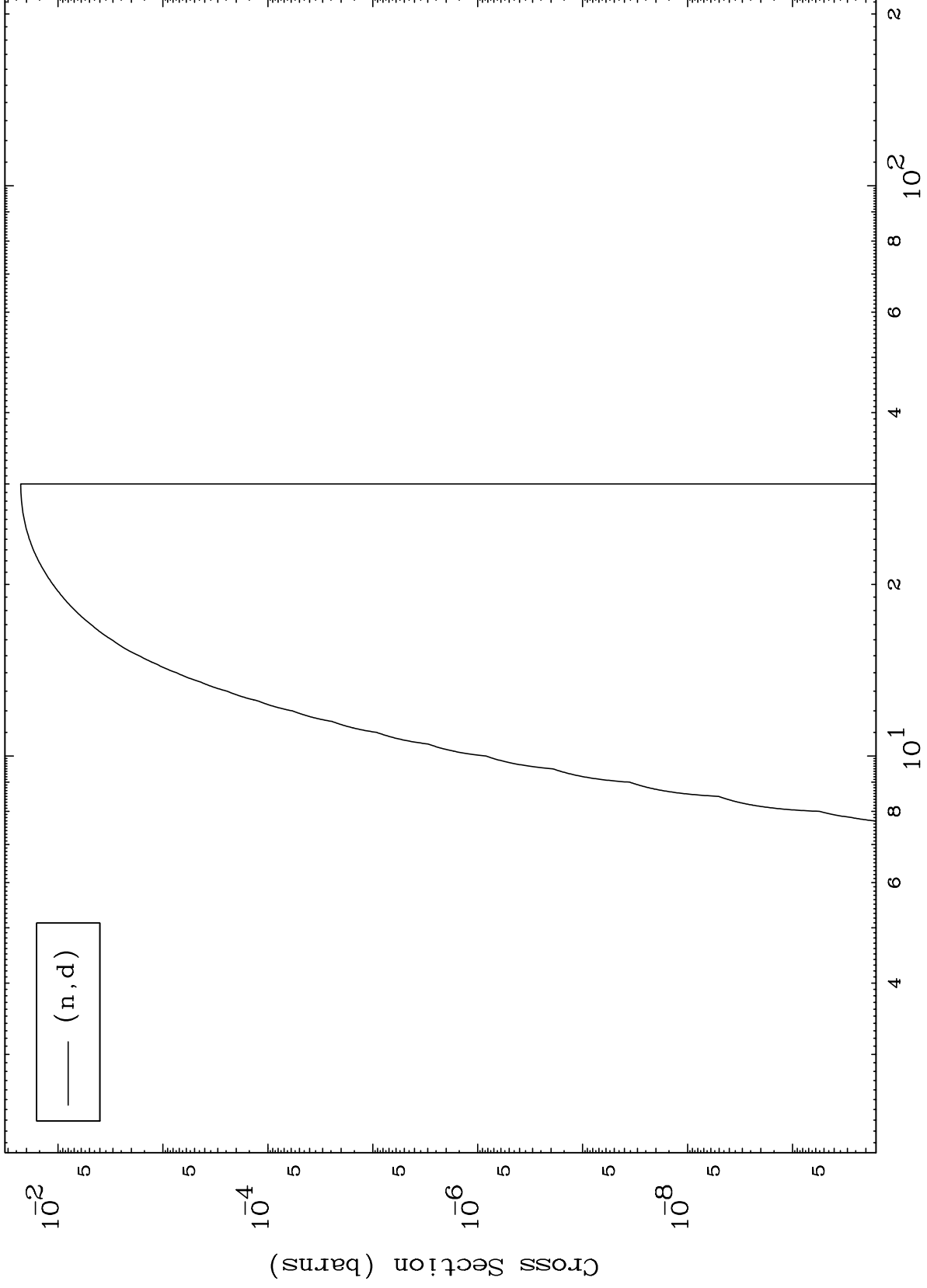
80-Hg-189m



MAT 8005

(n,d) Levels  
293 Kelvin Cross Sections

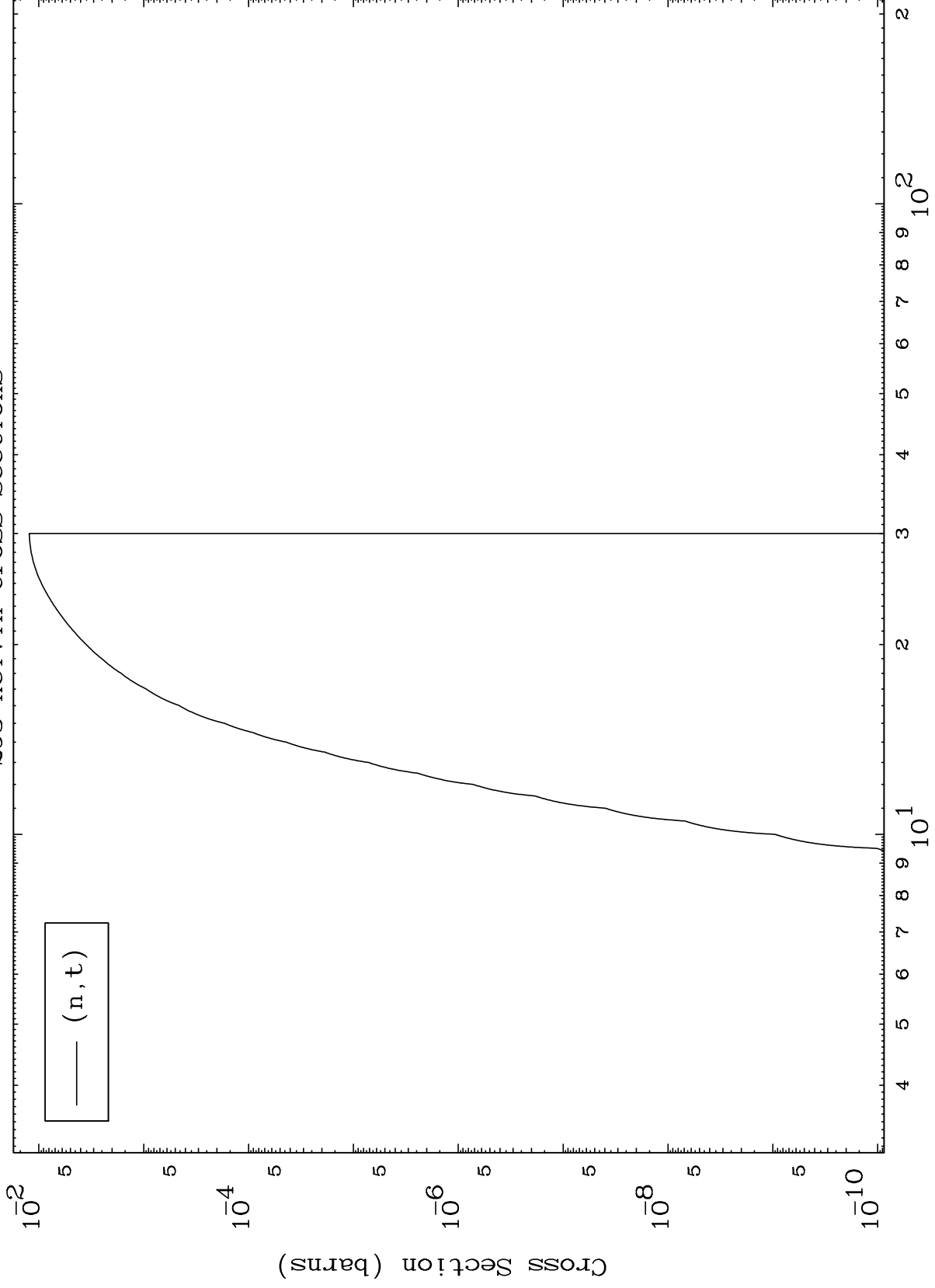
80-Hg-189m



MAT 8005

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-189m



15

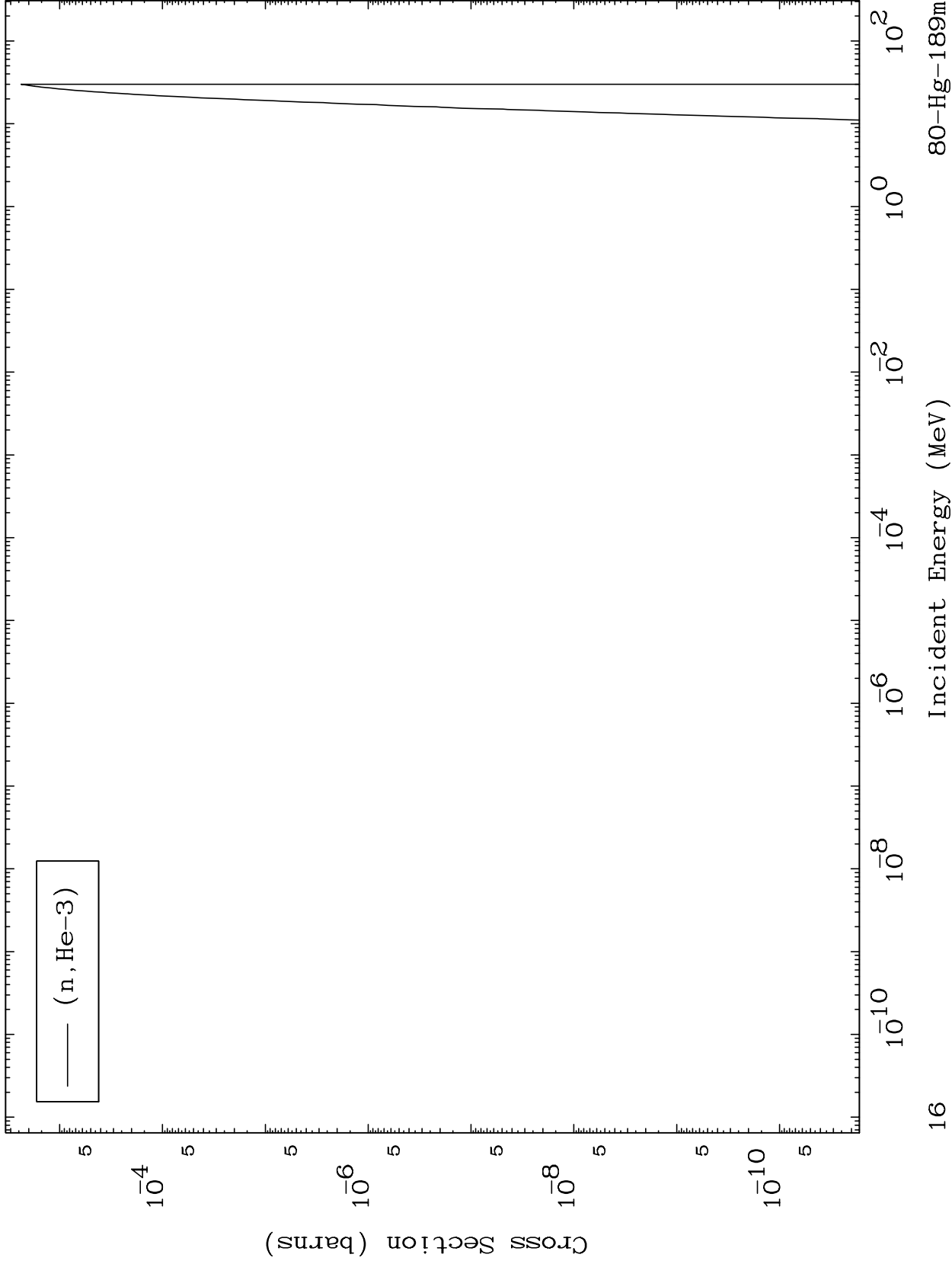
Incident Energy (MeV)

80-Hg-189m

MAT 8005

(n,He3) Levels  
293 Kelvin Cross Sections

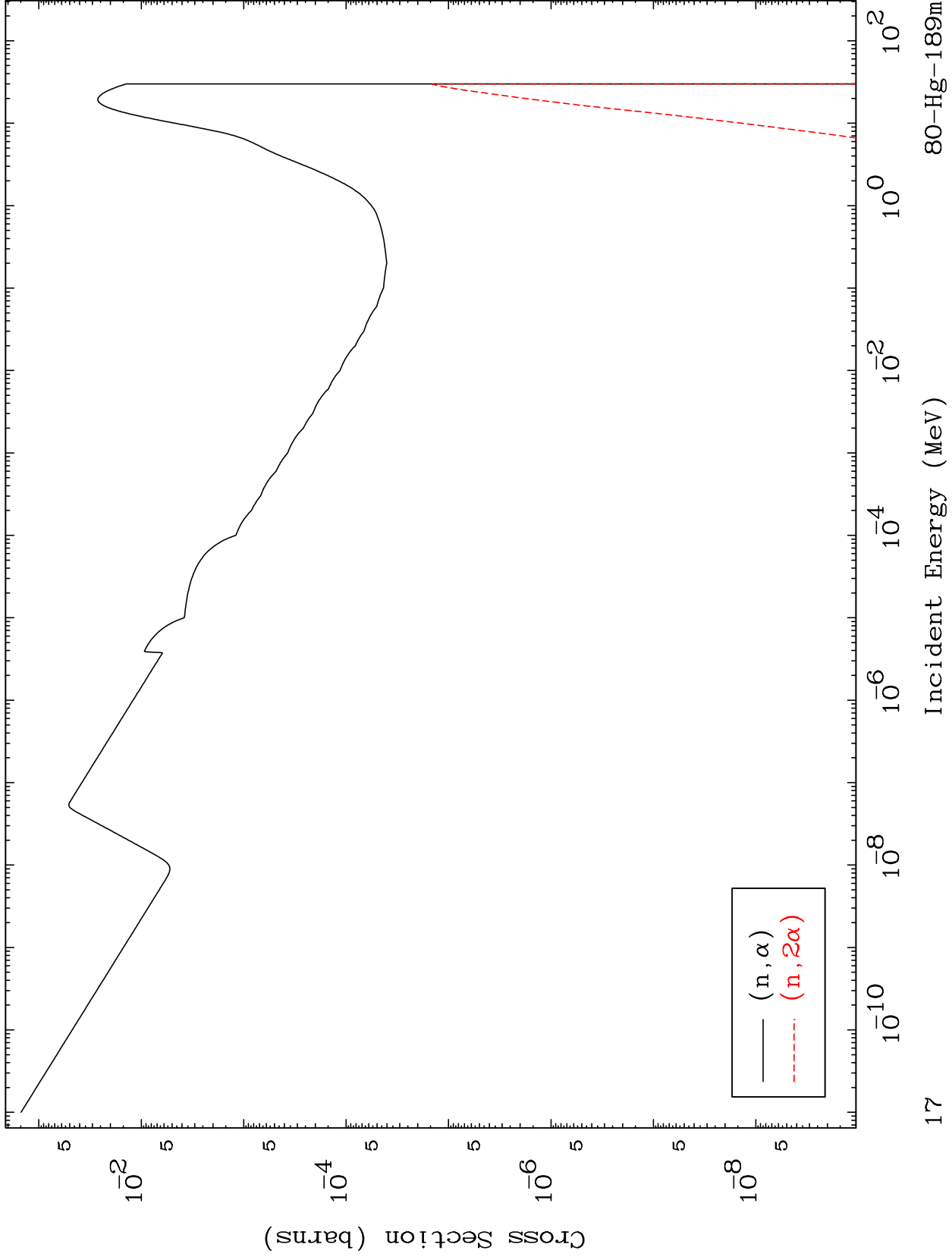
80-Hg-189m

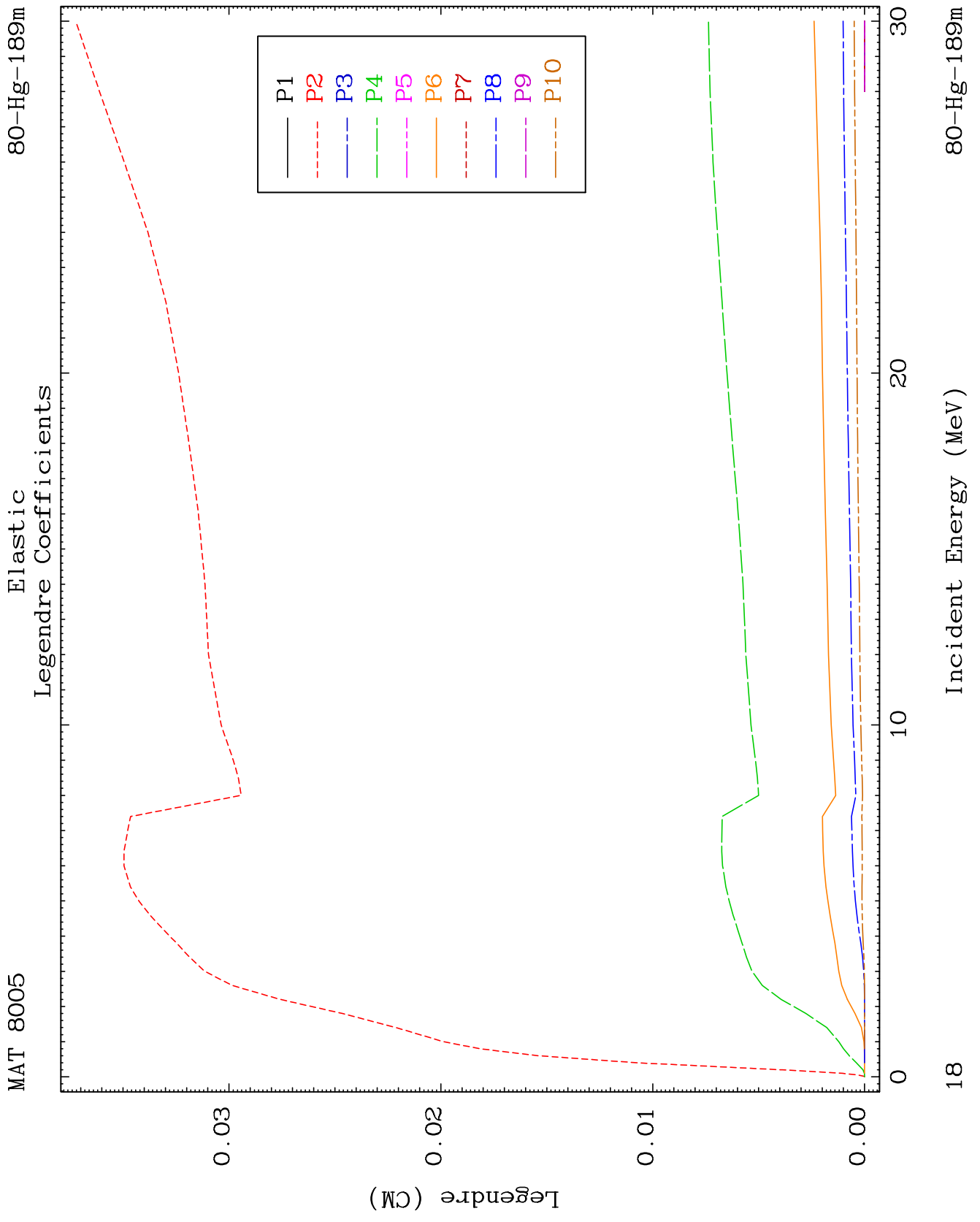


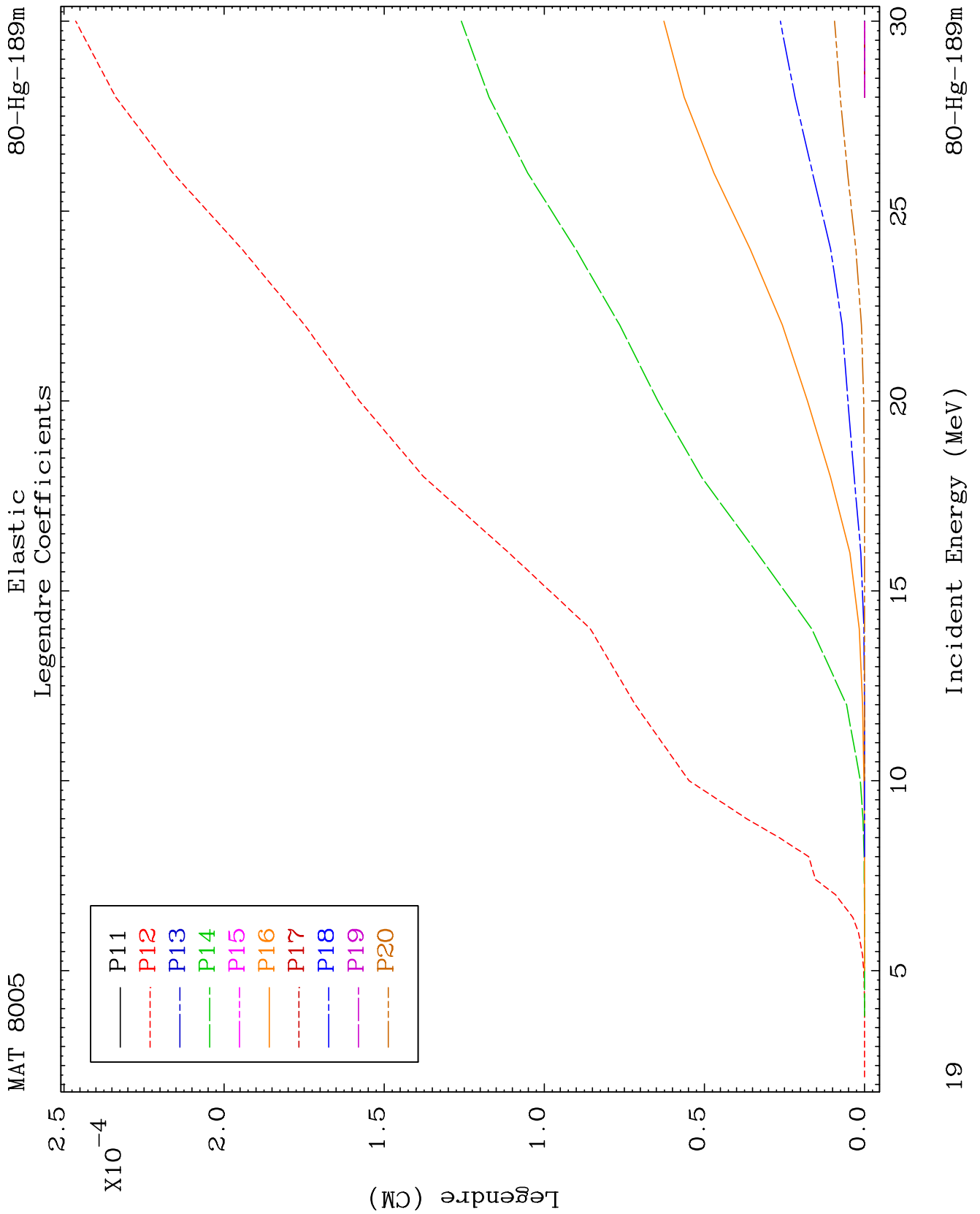
MAT 8005

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

80-Hg-189m



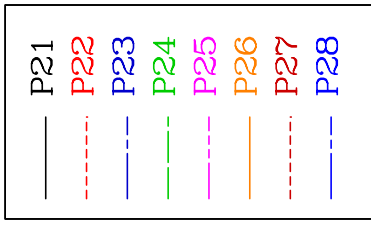




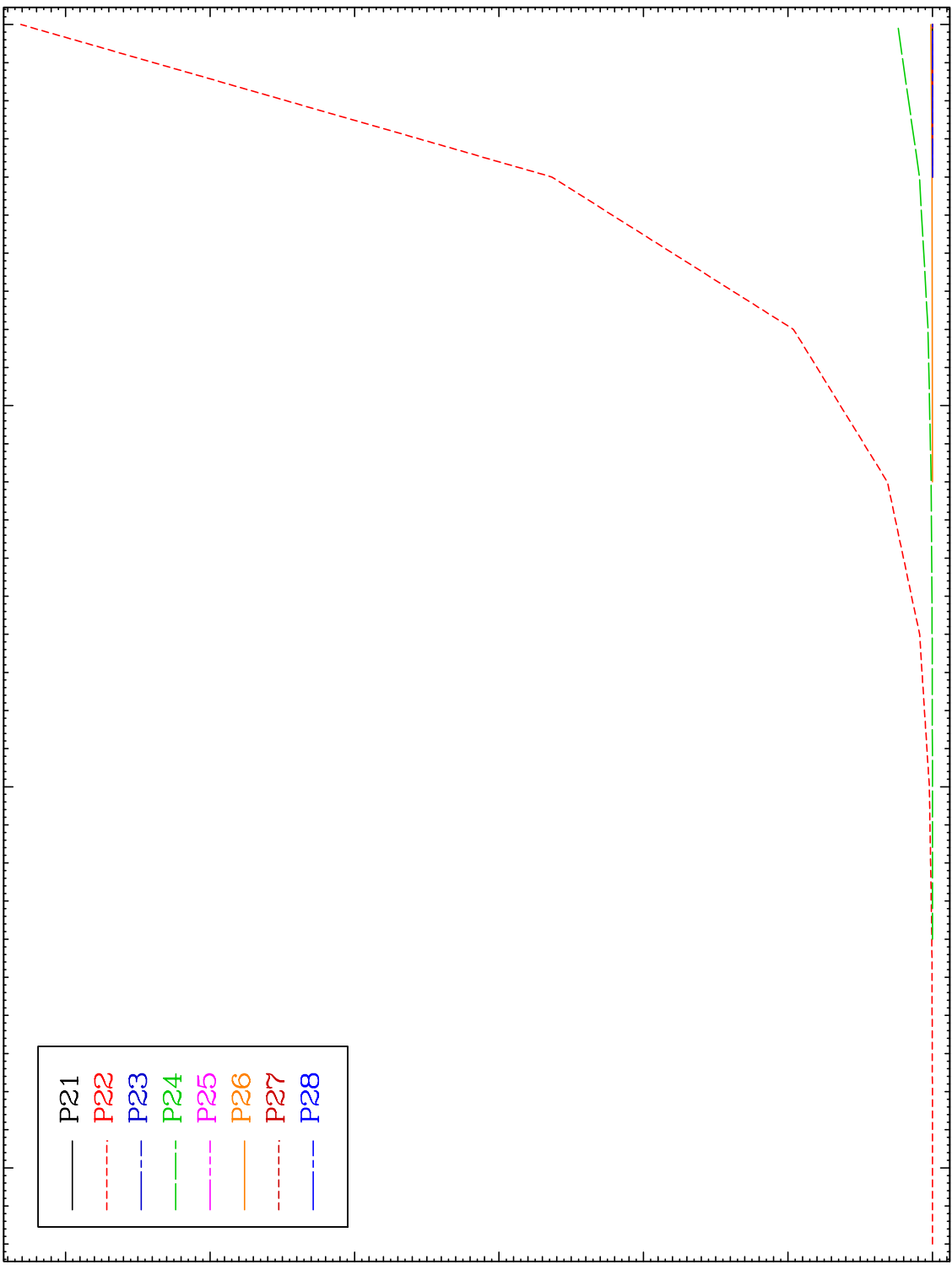
MAT 8005

Elastic Legendre Coefficients

80-Hg-189m



X10<sup>-6</sup>  
Legendre (CM)



20

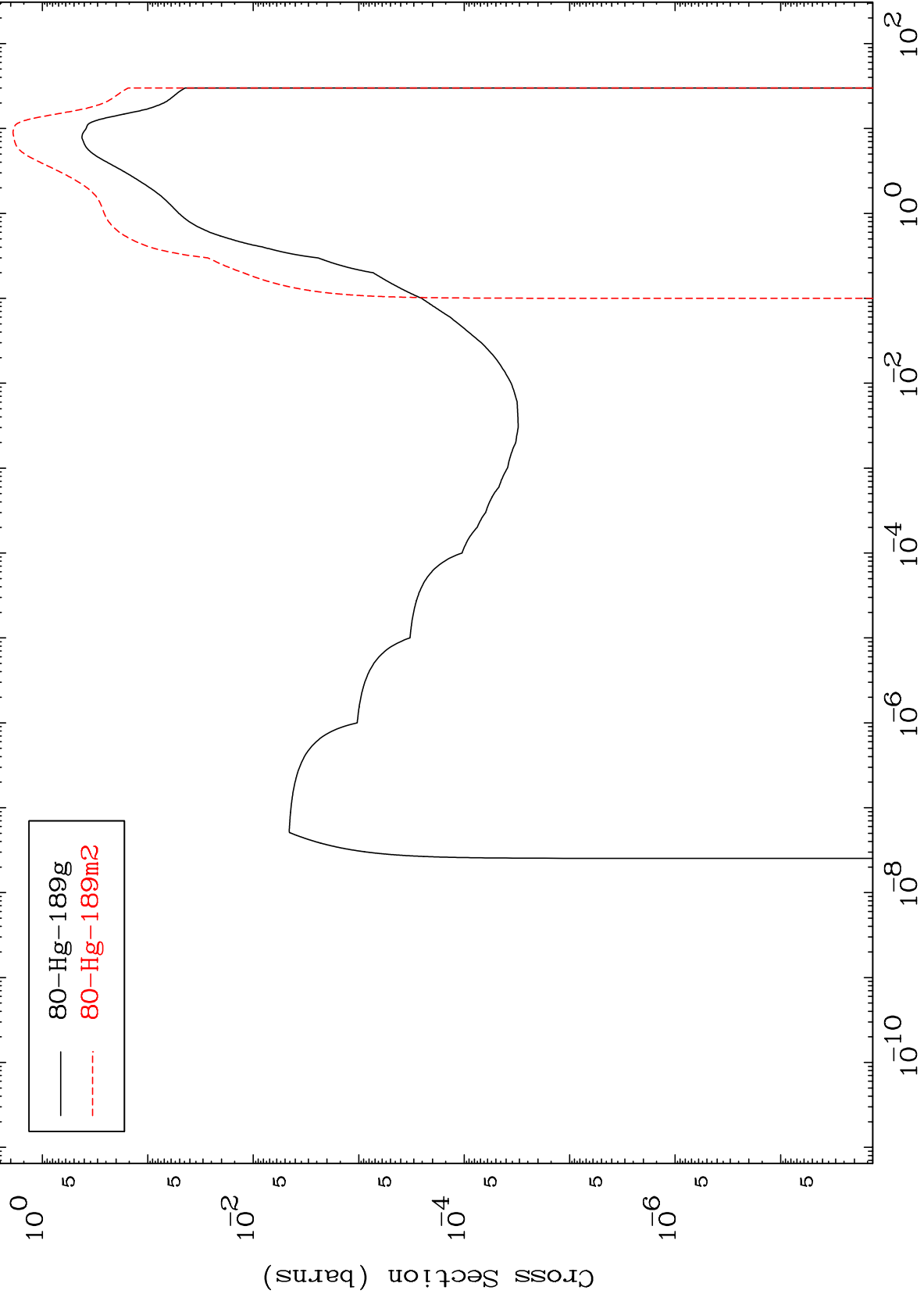
Incident Energy (MeV)

80-Hg-189m

MAT 8005

Inelastic  
Radionuclide Production Cross Section

80-Hg-189m



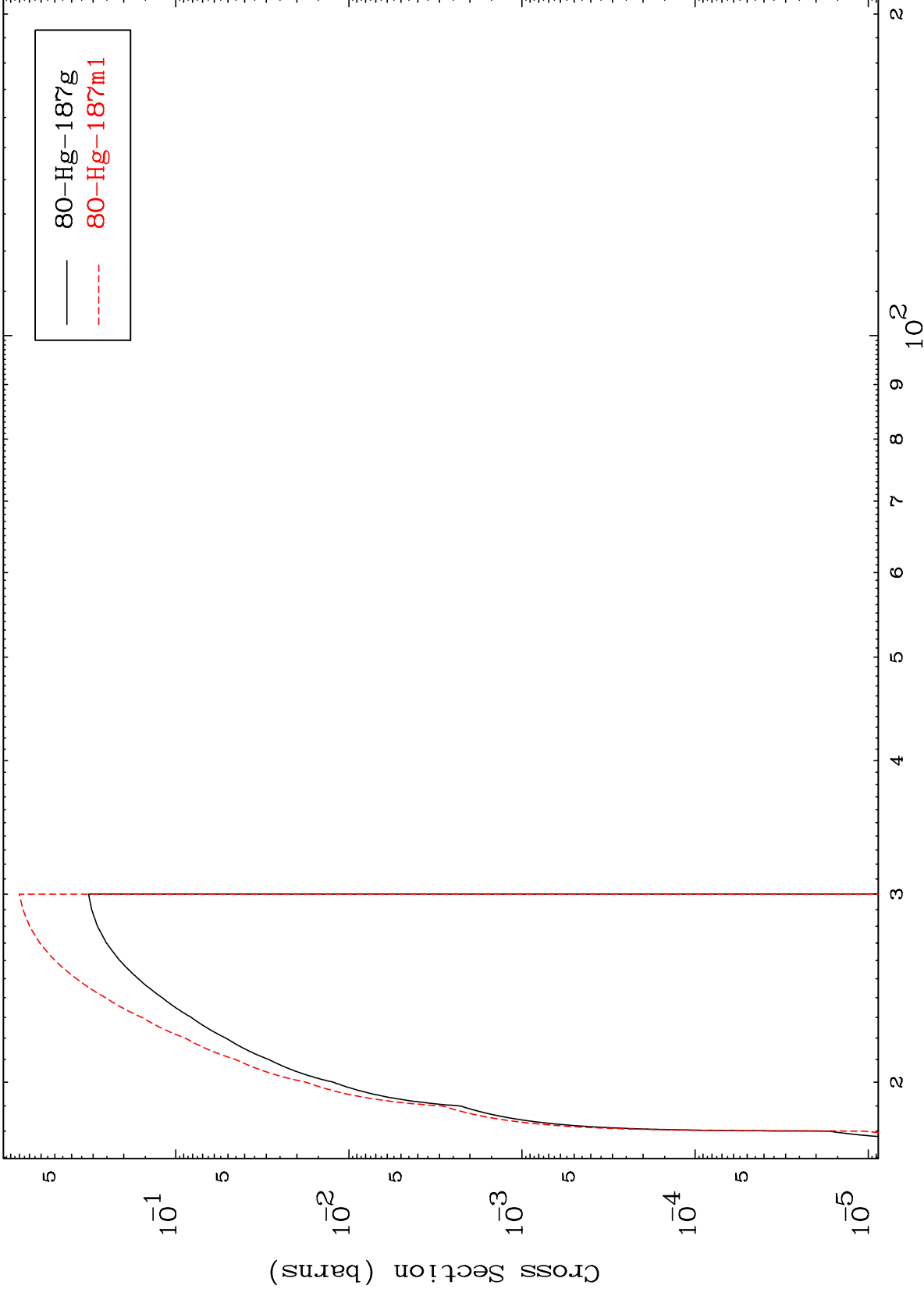
80-Hg-189g  
80-Hg-189m2

MAT 8005

(n,3n)

80-Hg-189m

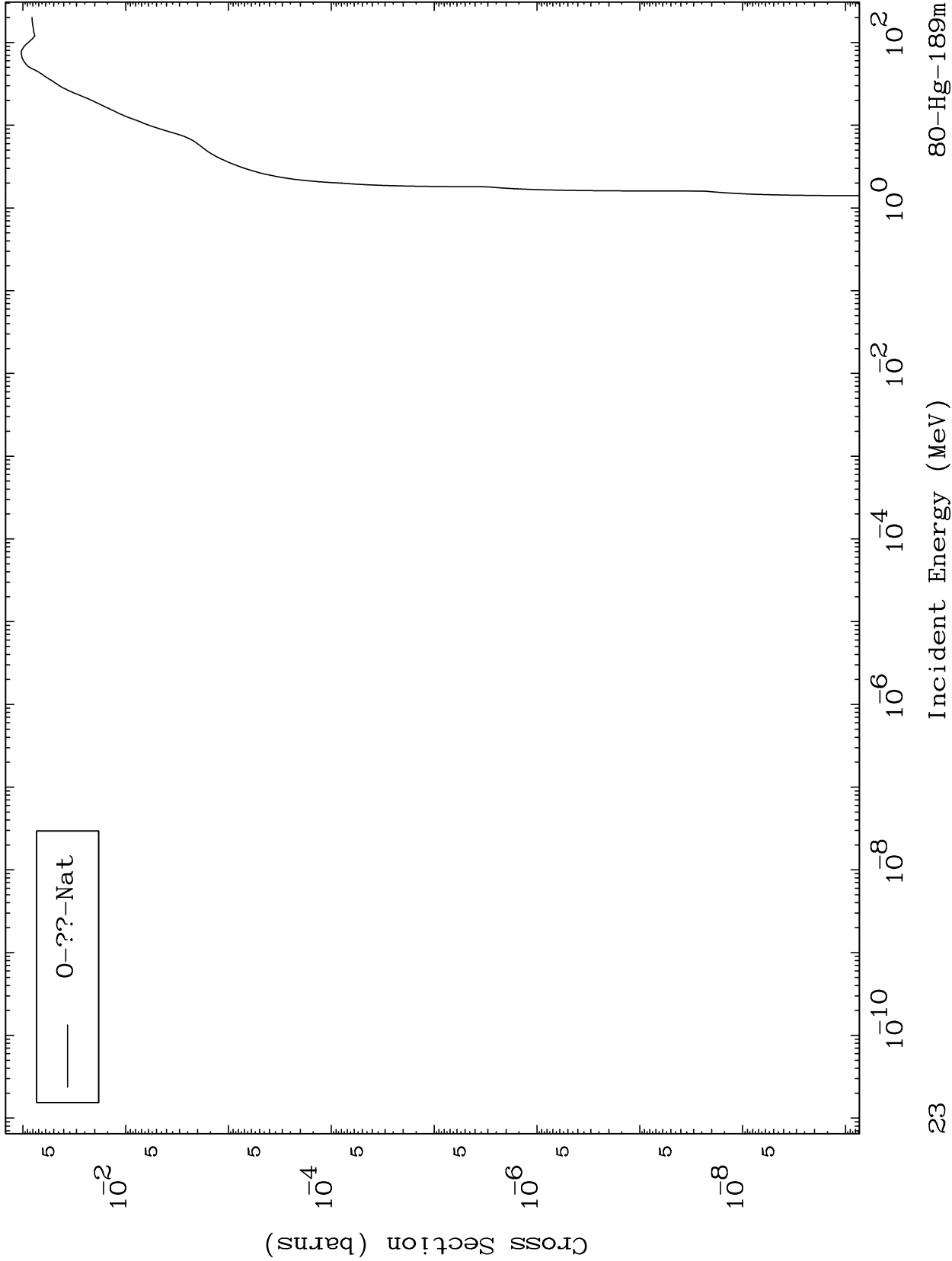
Radionuclide Production Cross Section



MAT 8005

Fission  
Radionuclide Production Cross Section

80-Hg-189m

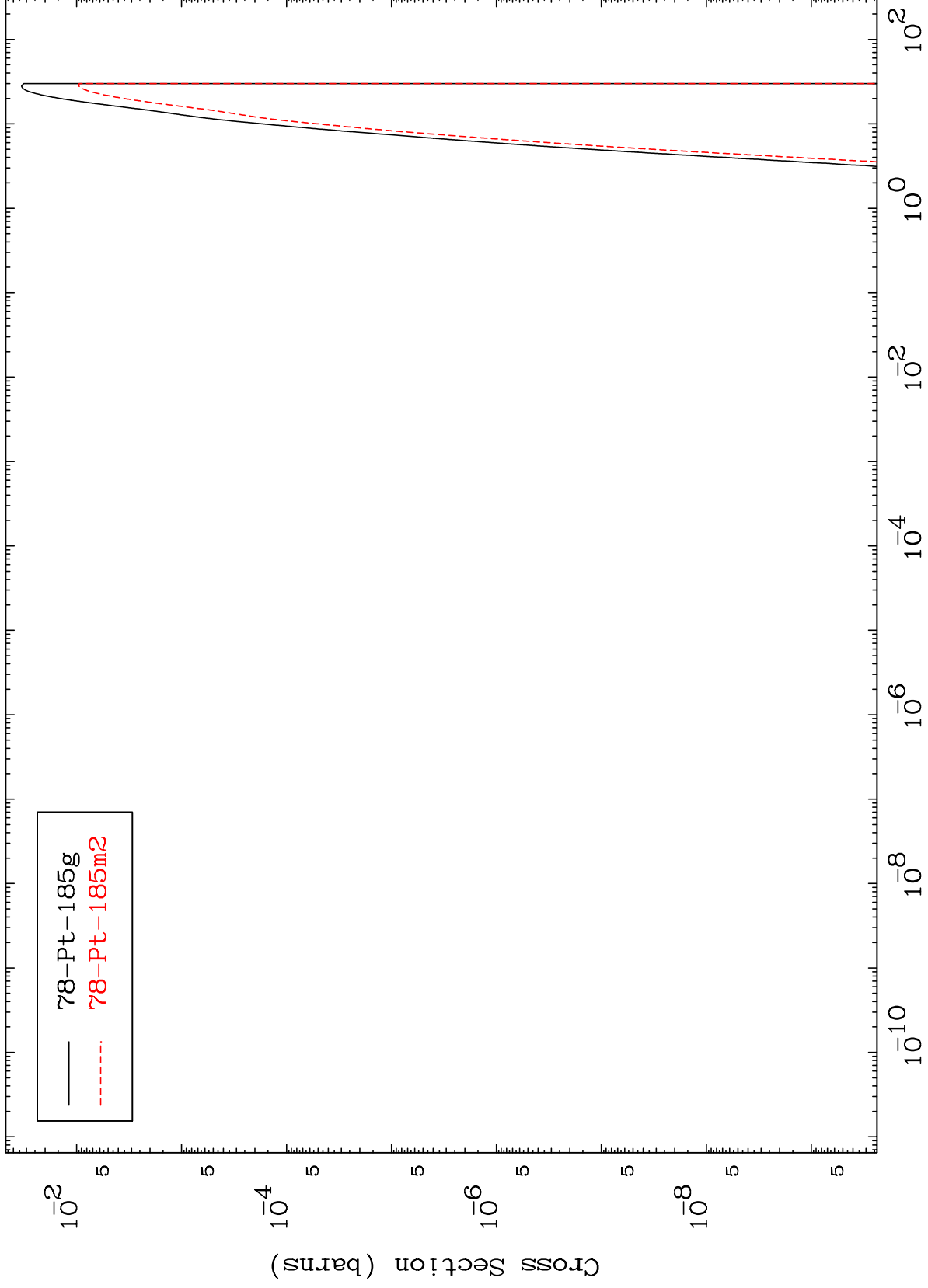


MAT 8005

$(n, n') \alpha$

80-Hg-189m

Radionuclide Production Cross Section

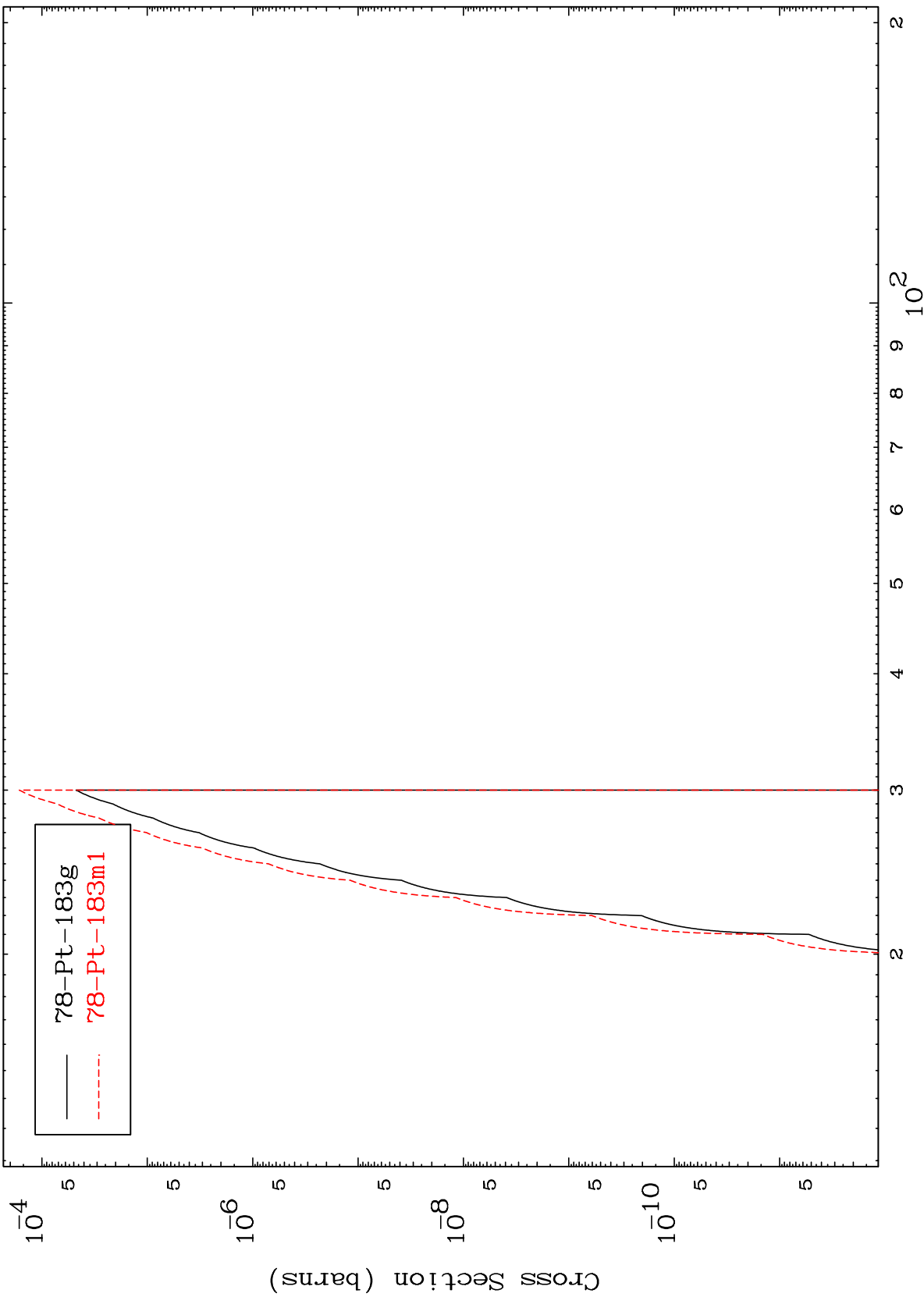


MAT 8005

(n,3n)  $\alpha$

80-Hg-189m

Radionuclide Production Cross Section

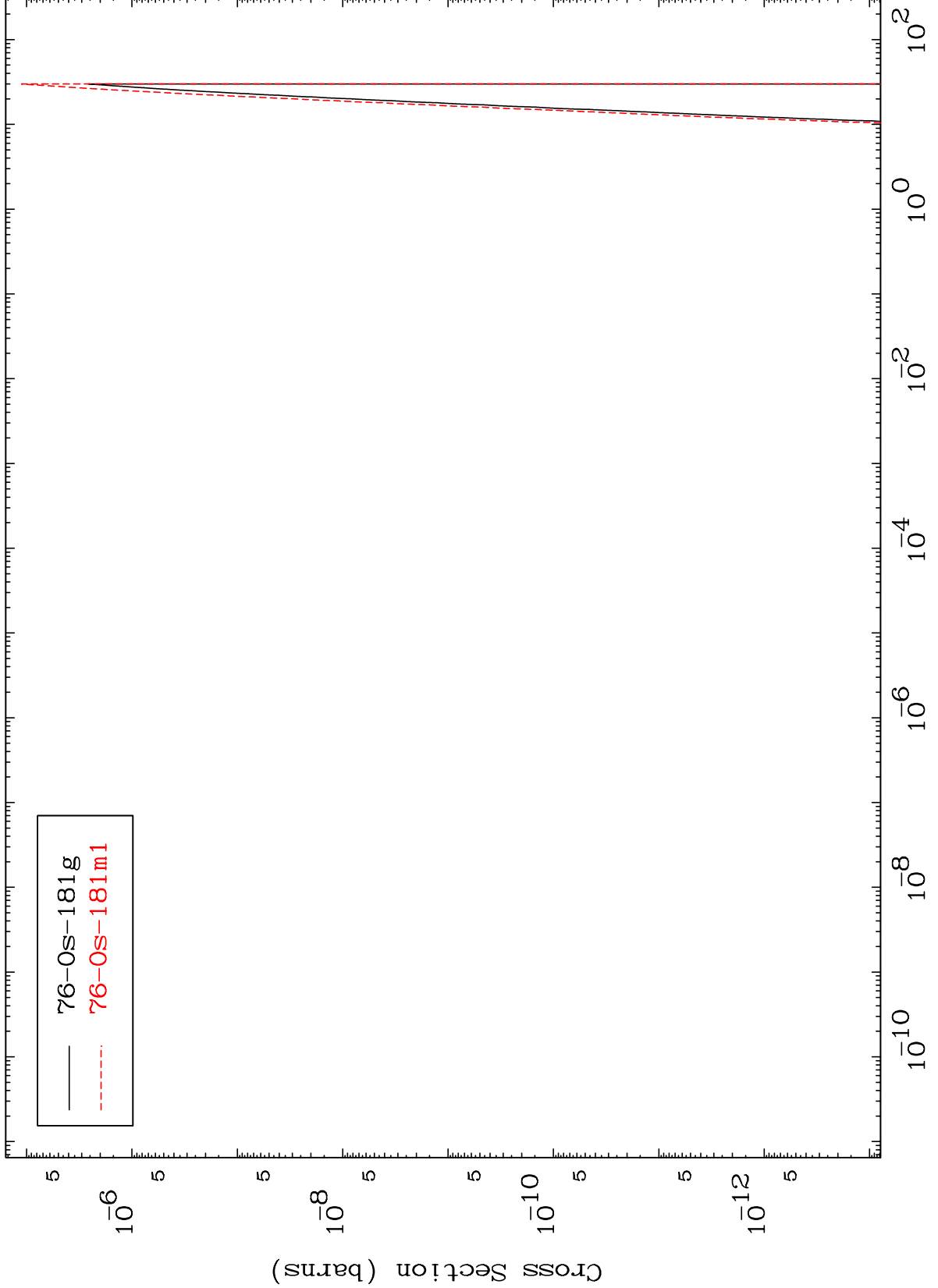
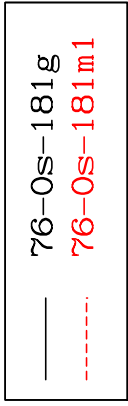


MAT 8005

(n,n') 2α

80-Hg-189m

Radionuclide Production Cross Section



26

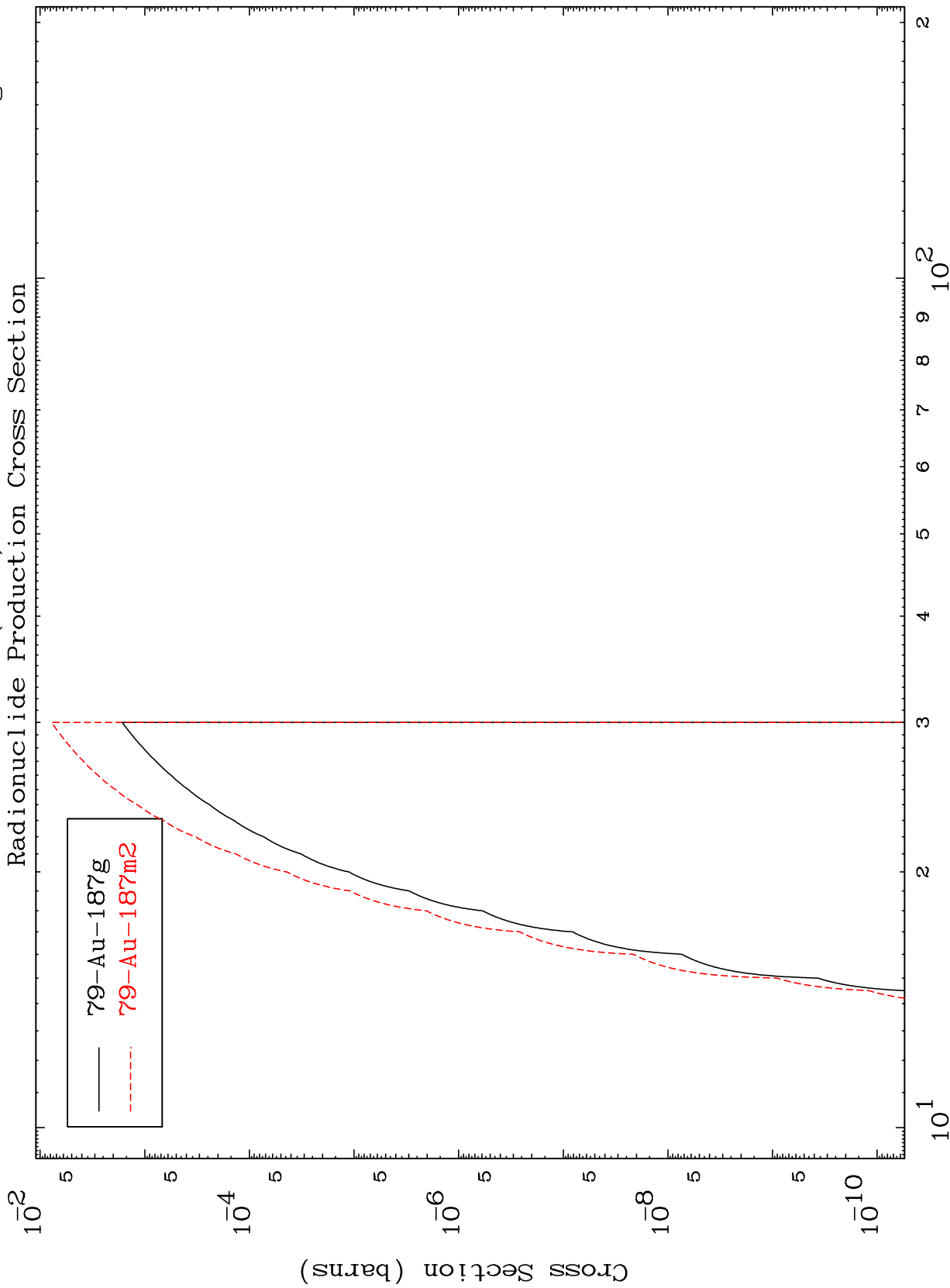
Incident Energy (MeV)

80-Hg-189m

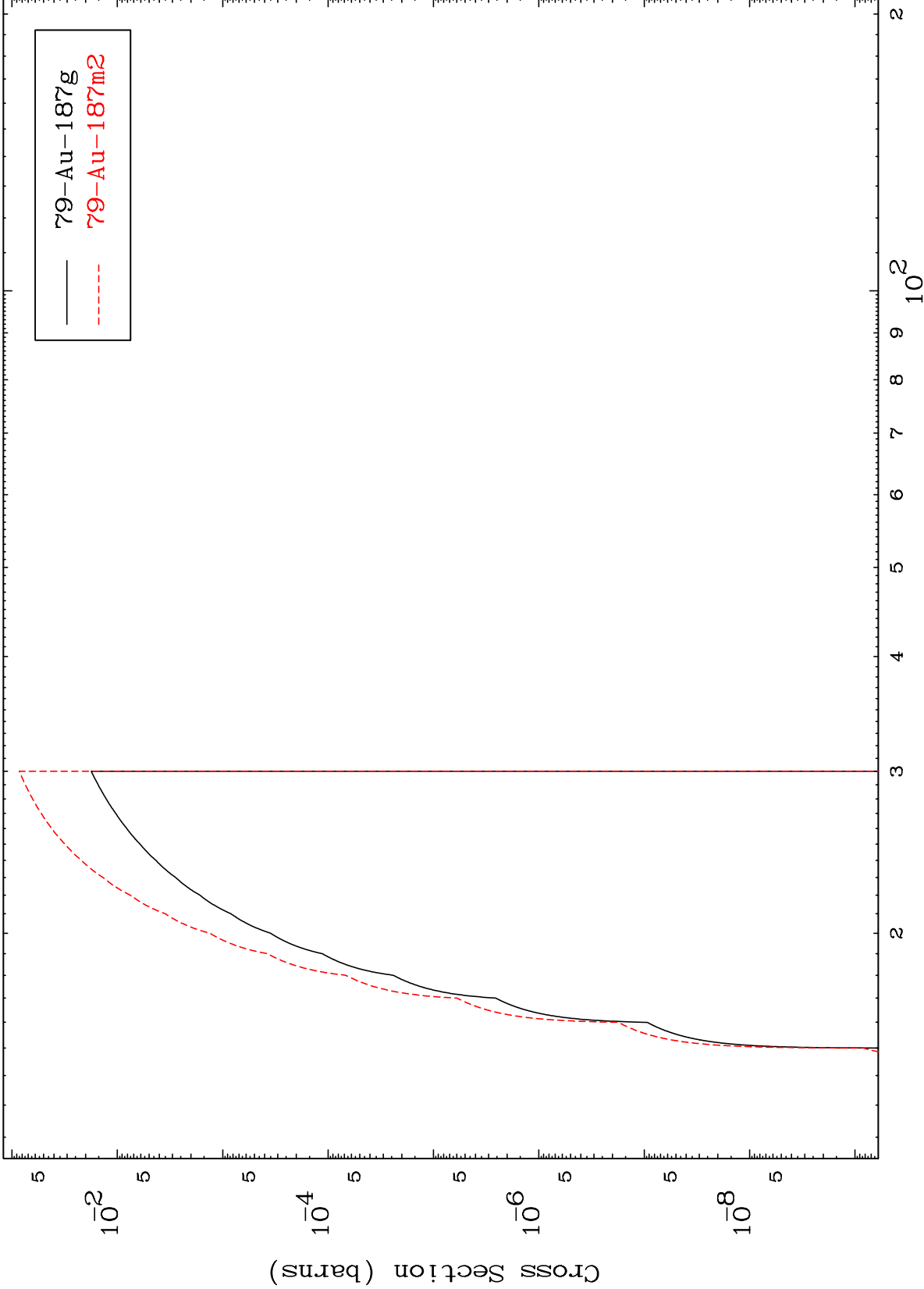
MAT 8005

(n,n') d

80-Hg-189m



Radionuclide Production Cross Section

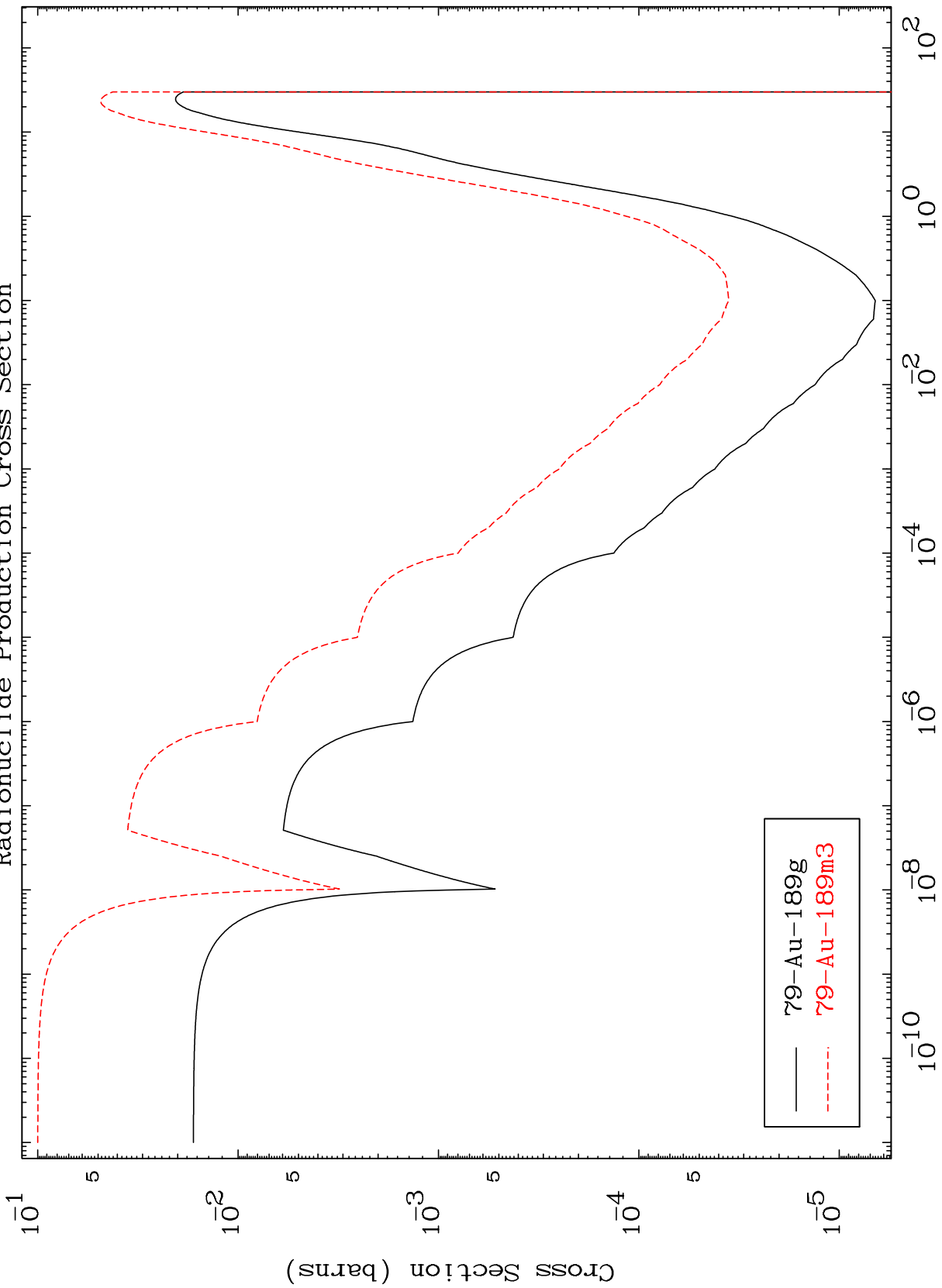


79-Au-187g  
79-Au-187m2

MAT 8005

80-Hg-189m

Radionuclide Production Cross Section (n,p)



80-Hg-189m

Incident Energy (MeV)

