

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

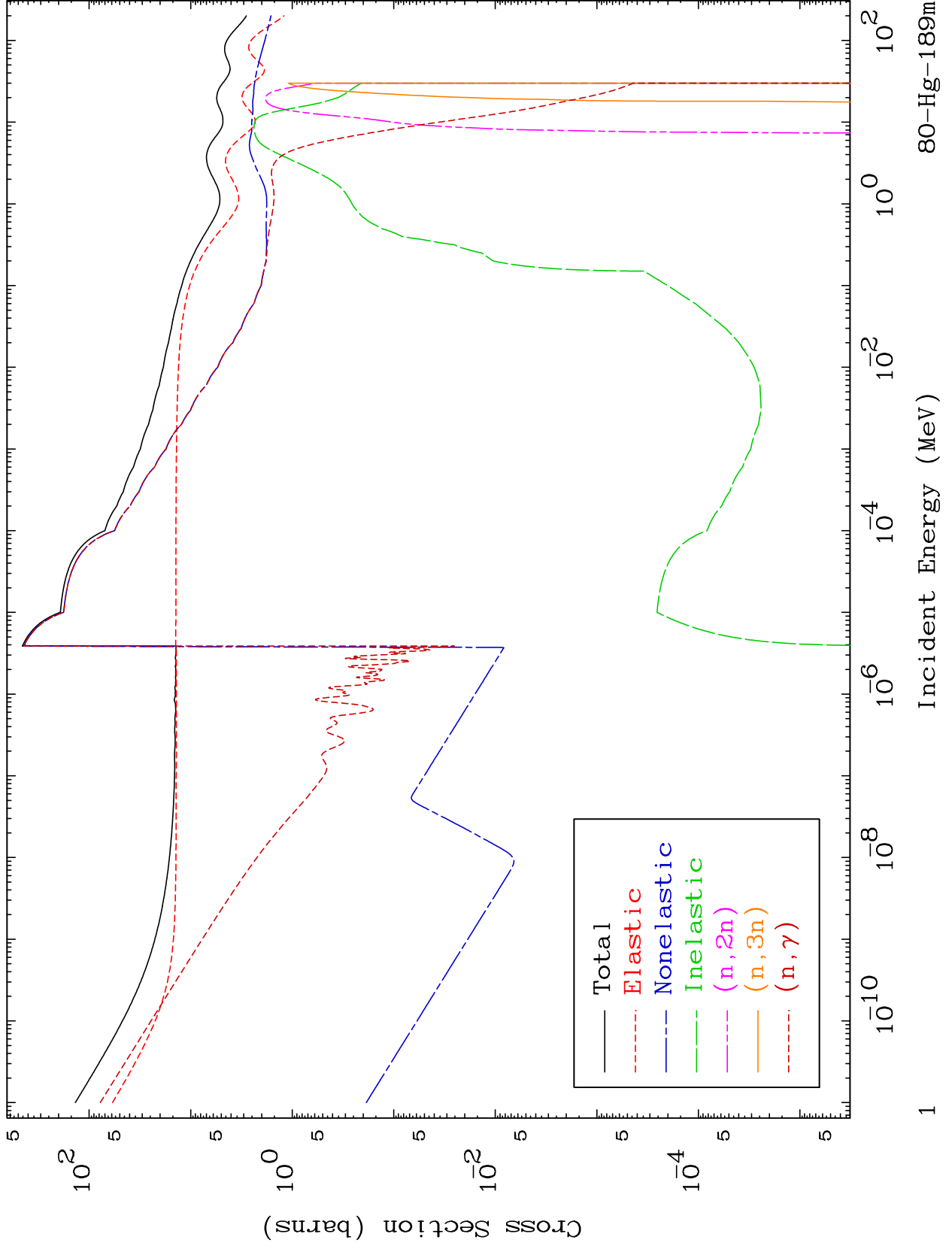
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8005

Neutron Major
293 Kelvin Cross Sections

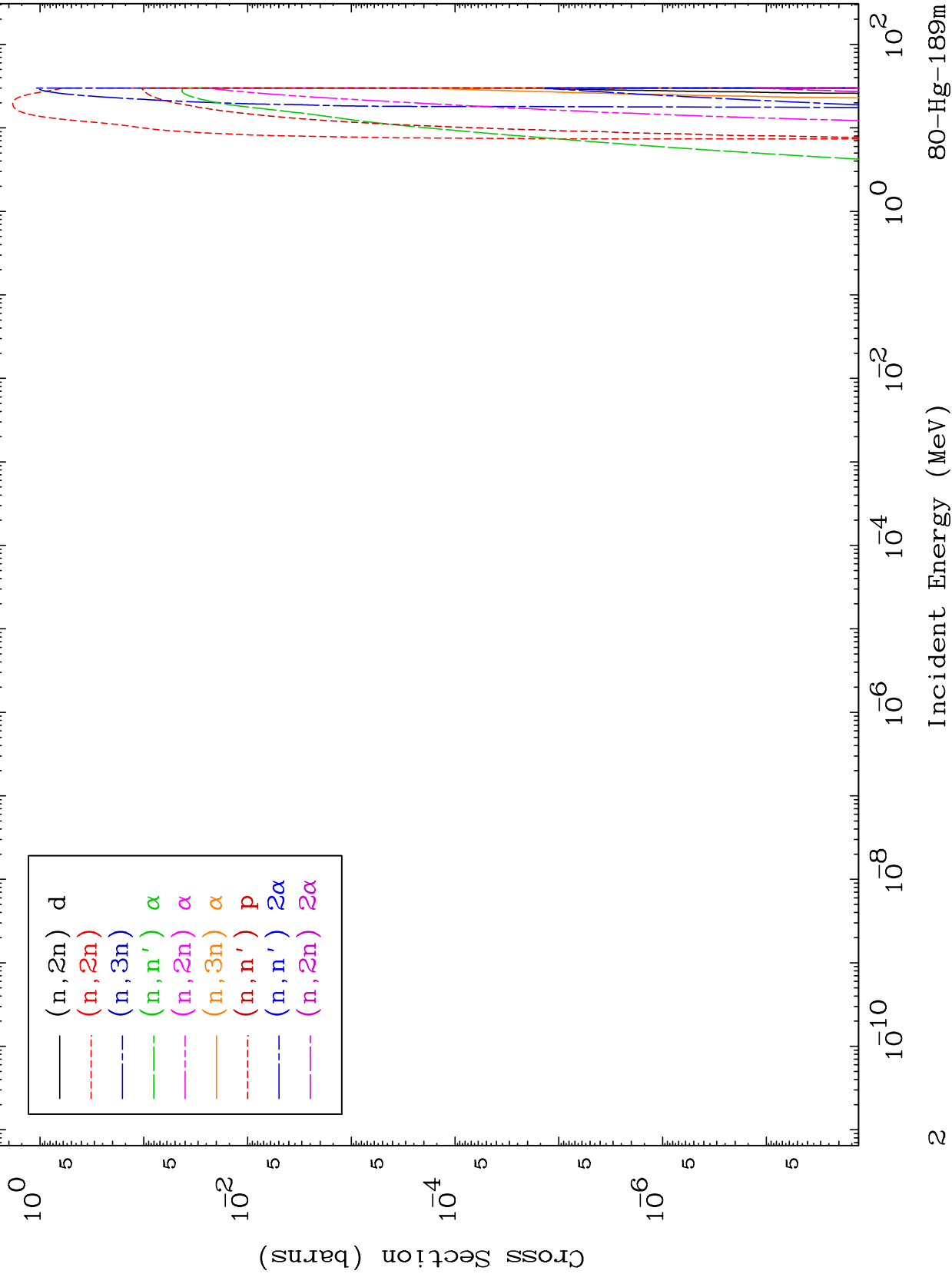
80-Hg-189m



MAT 8005

Neutron Absorption
293 Kelvin Cross Sections

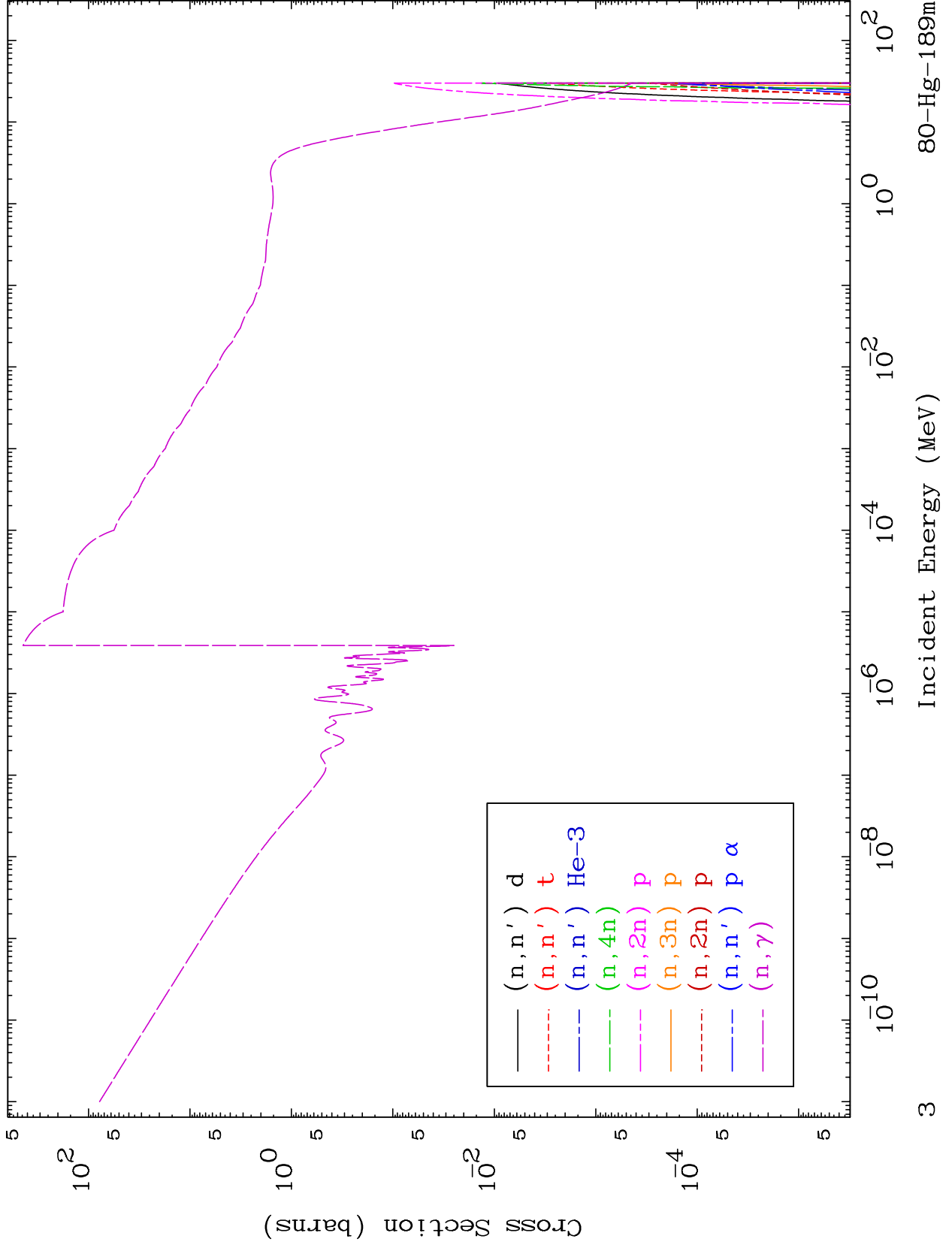
80-Hg-189m



MAT 8005

Neutron Absorption
293 Kelvin Cross Sections

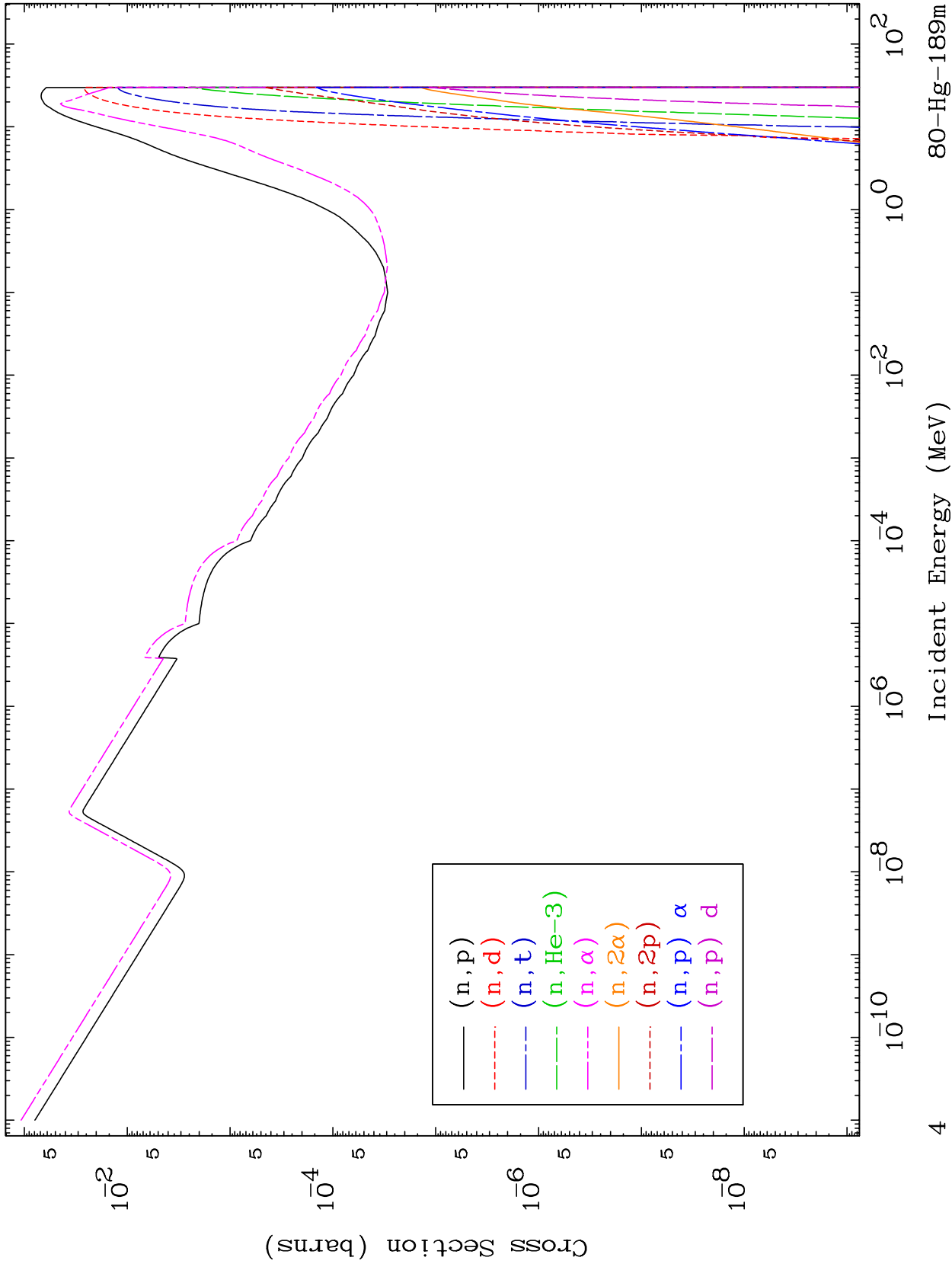
80-Hg-189m



MAT 8005

Neutron Absorption
293 Kelvin Cross Sections

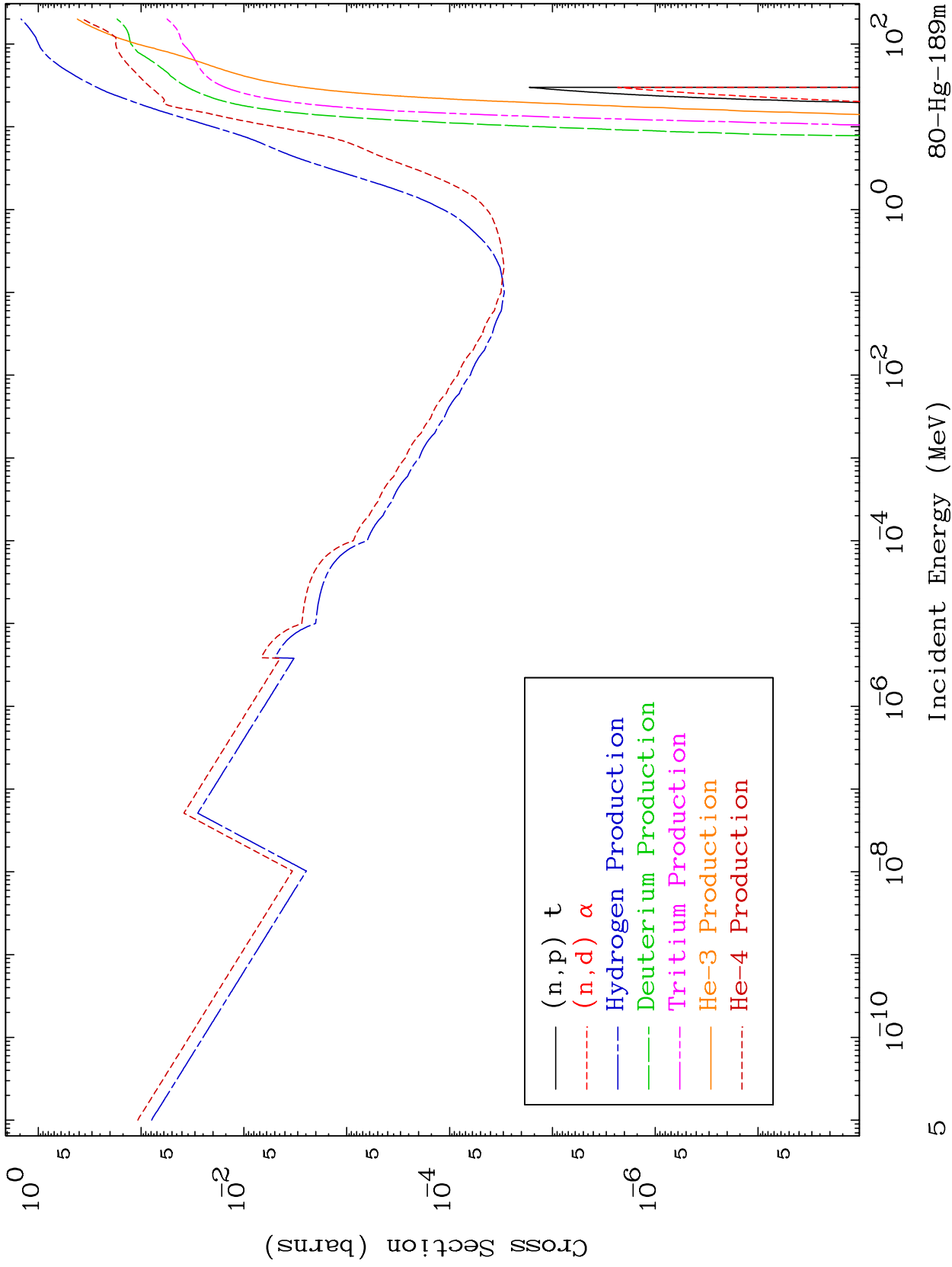
80-Hg-189m



MAT 8005

Neutron Absorption
293 Kelvin Cross Sections

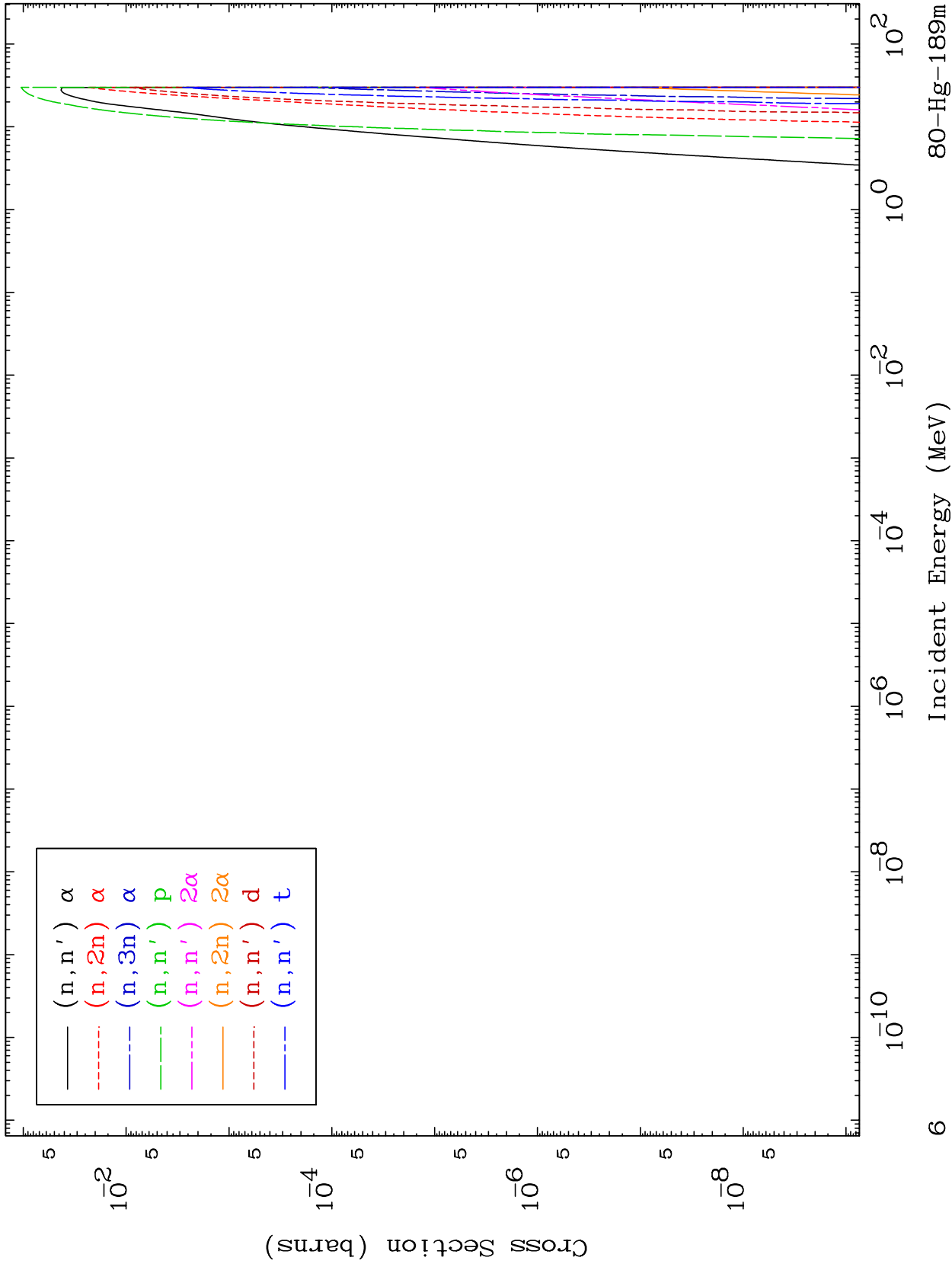
80-Hg-189m



MAT 8005

Charged Particle
293 Kelvin Cross Sections

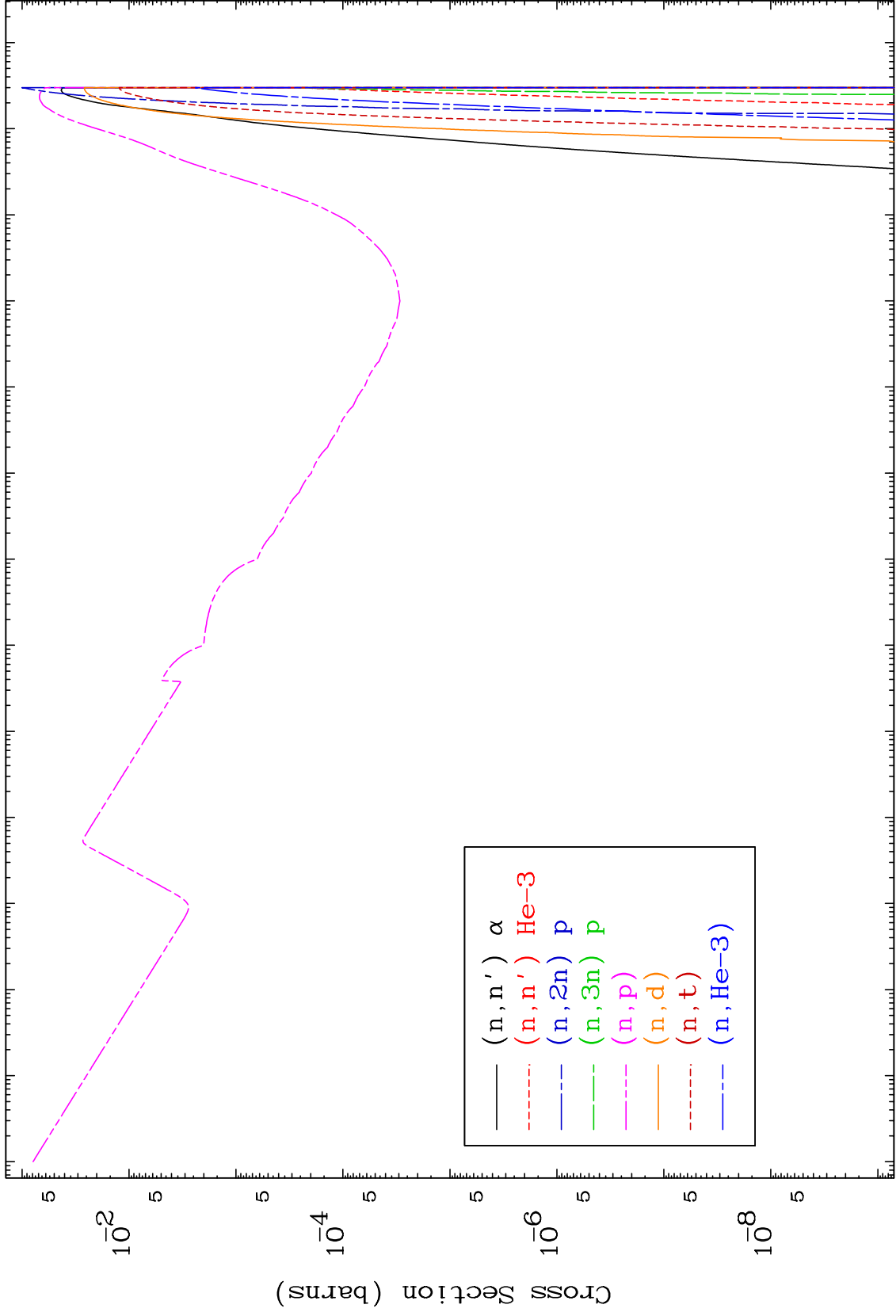
80-Hg-189m



MAT 8005

Charged Particle
293 Kelvin Cross Sections

80-Hg-189m



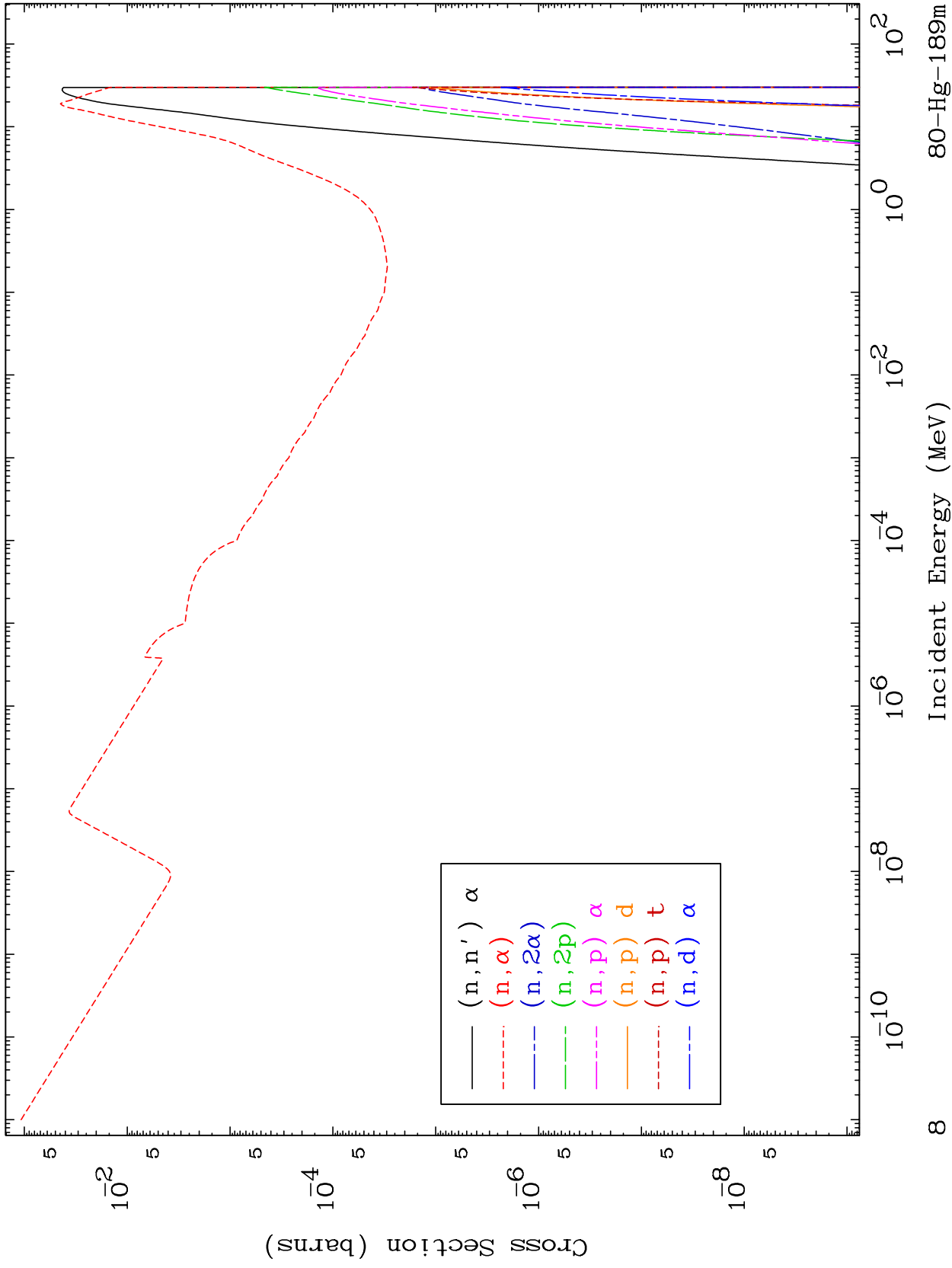
80-Hg-189m

Incident Energy (MeV)

MAT 8005

Charged Particle
293 Kelvin Cross Sections

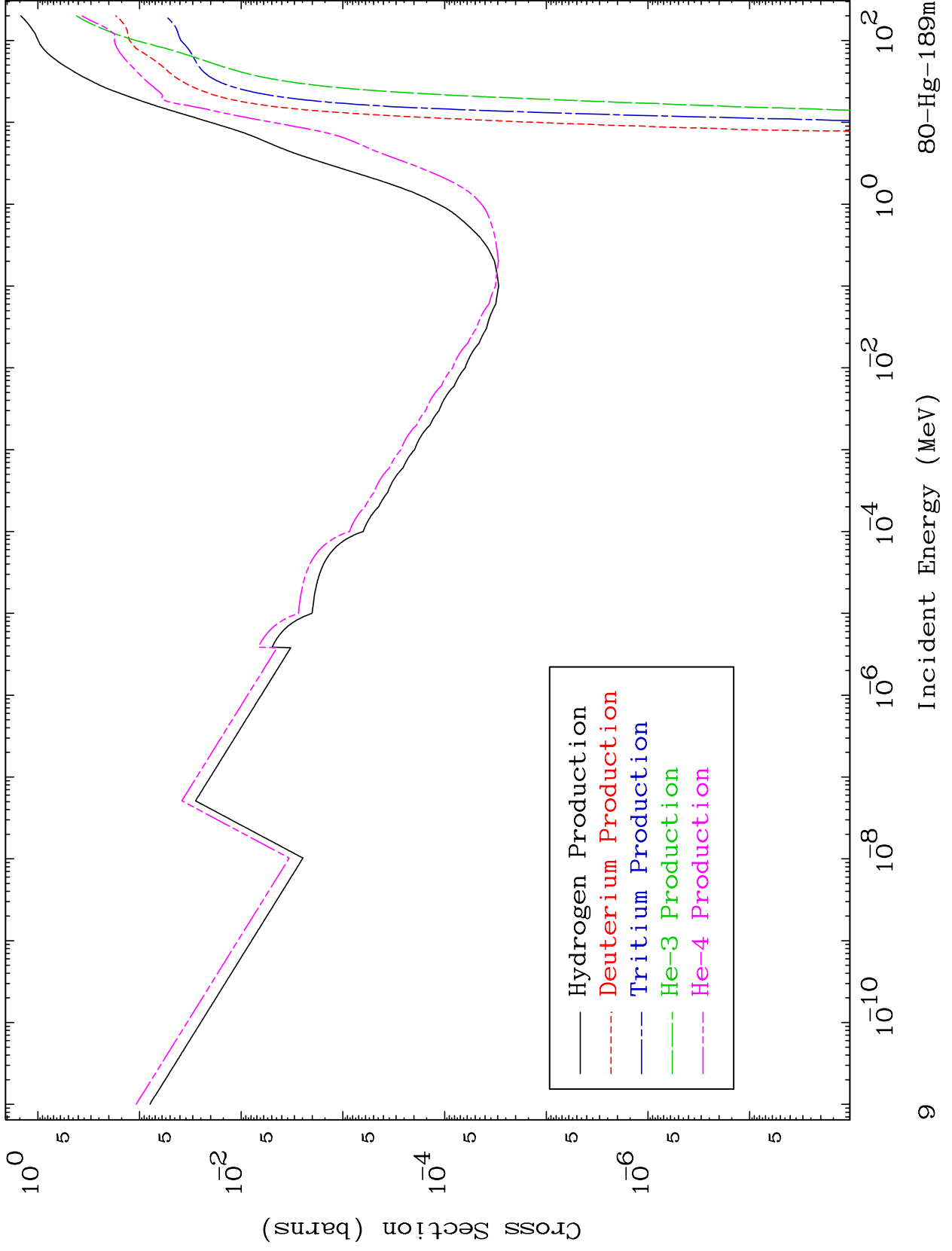
80-Hg-189m



MAT 8005

Particle Production
293 Kelvin Cross Sections

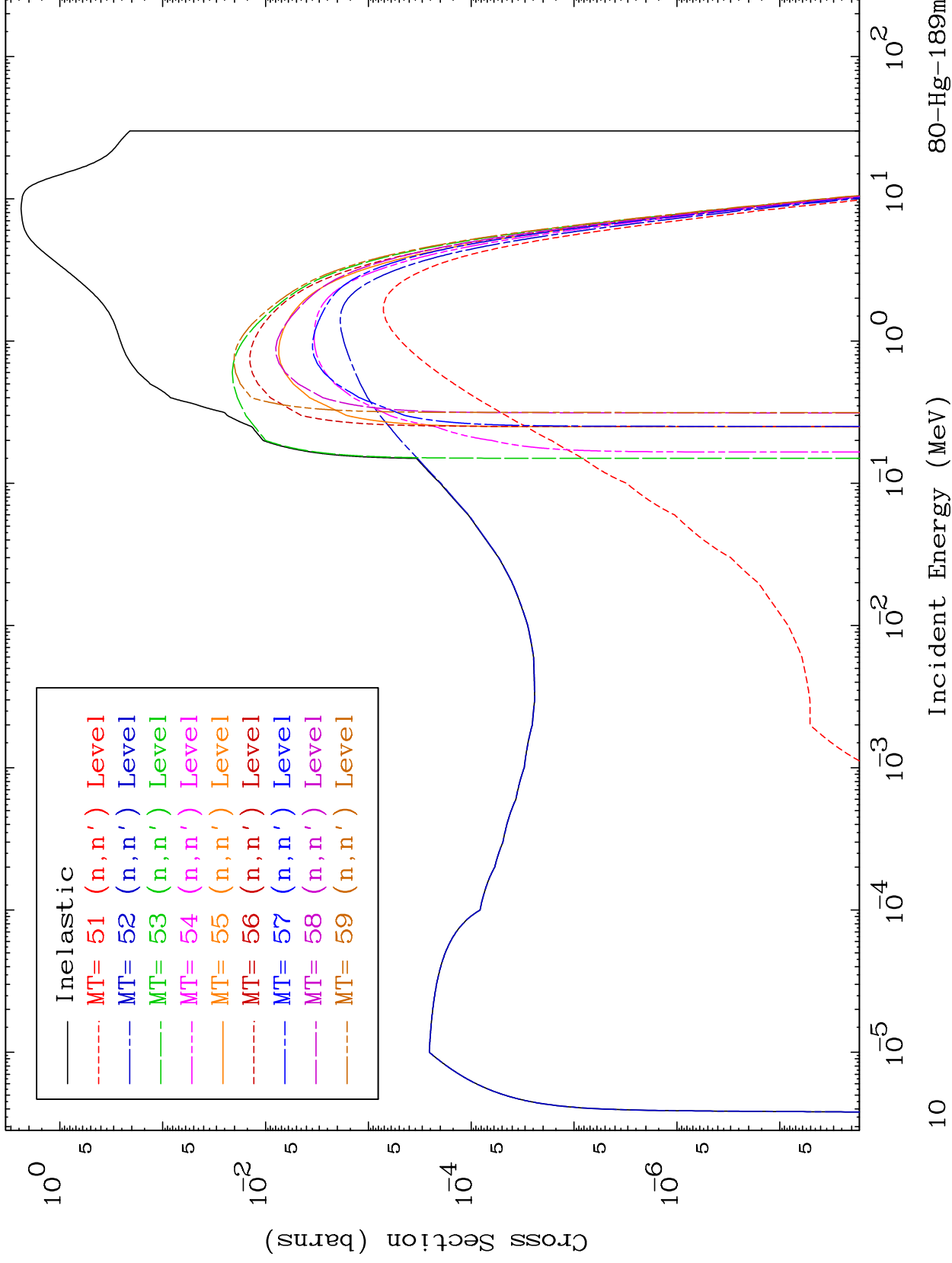
80-Hg-189m



MAT 8005

(n,n') Levels
293 Kelvin Cross Sections

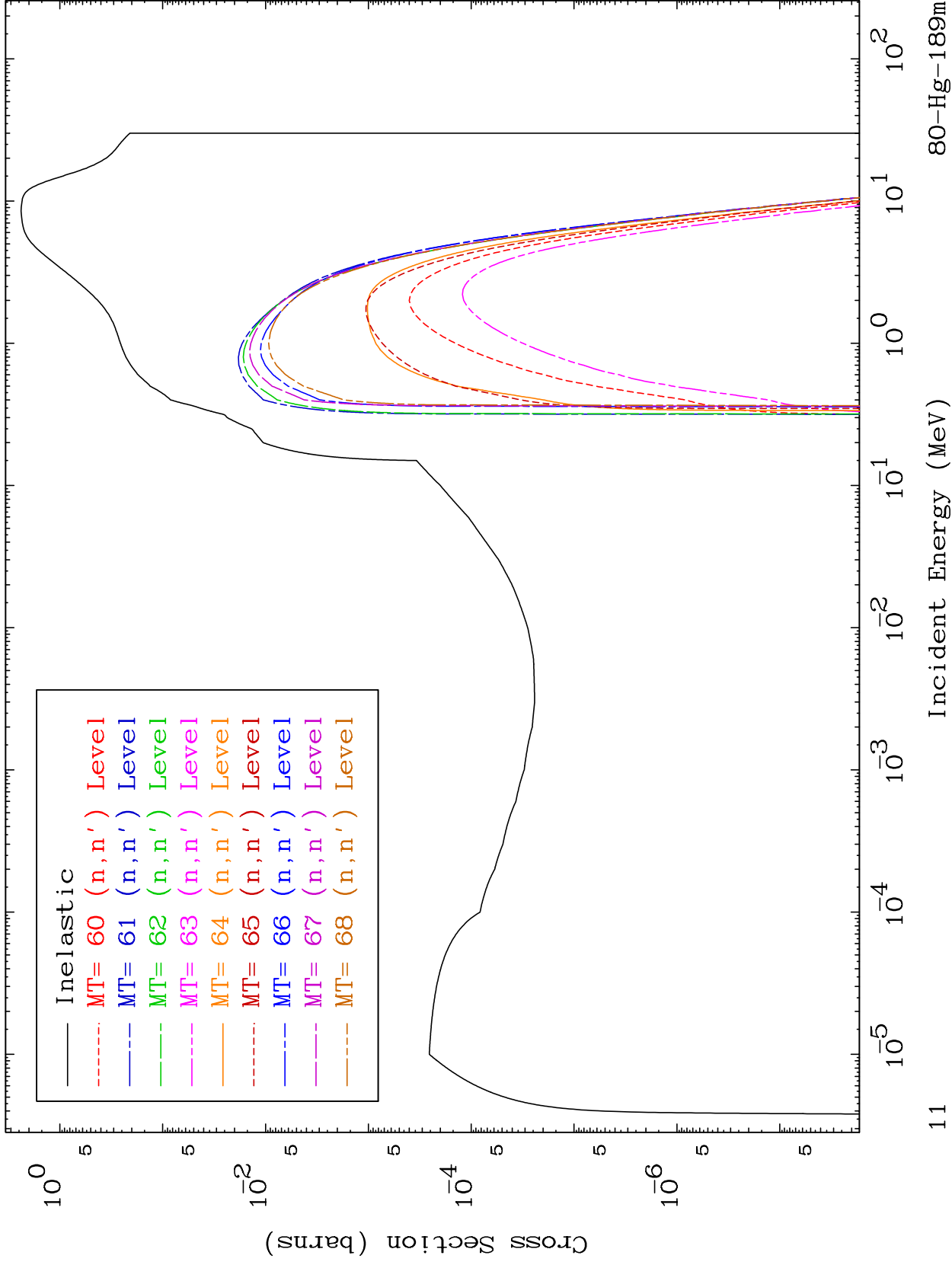
80-Hg-189m



MAT 8005

(n,n') Levels
293 Kelvin Cross Sections

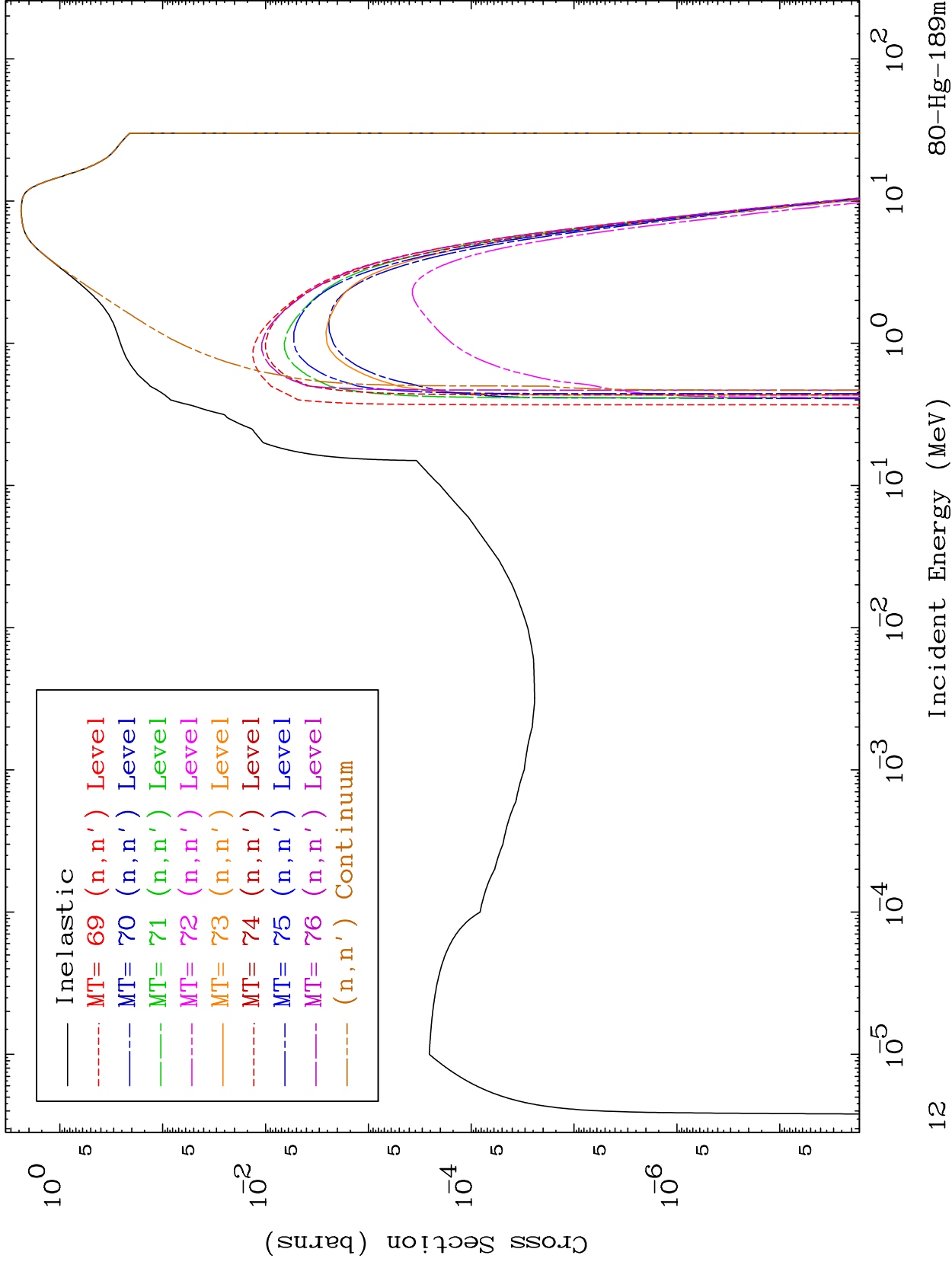
80-Hg-189m



MAT 8005

(n,n') Levels
293 Kelvin Cross Sections

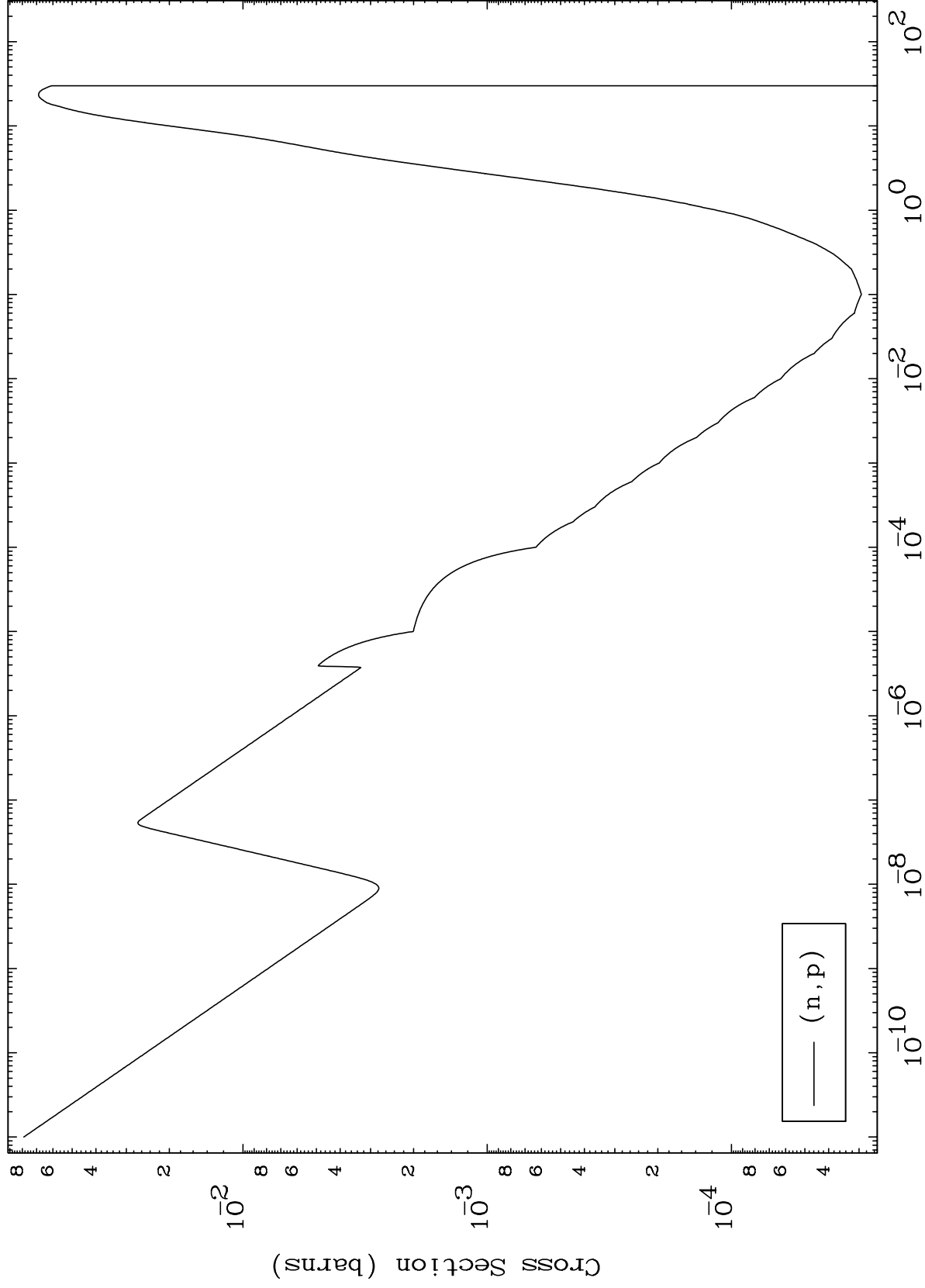
80-Hg-189m



MAT 8005

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-189m



(n,p)

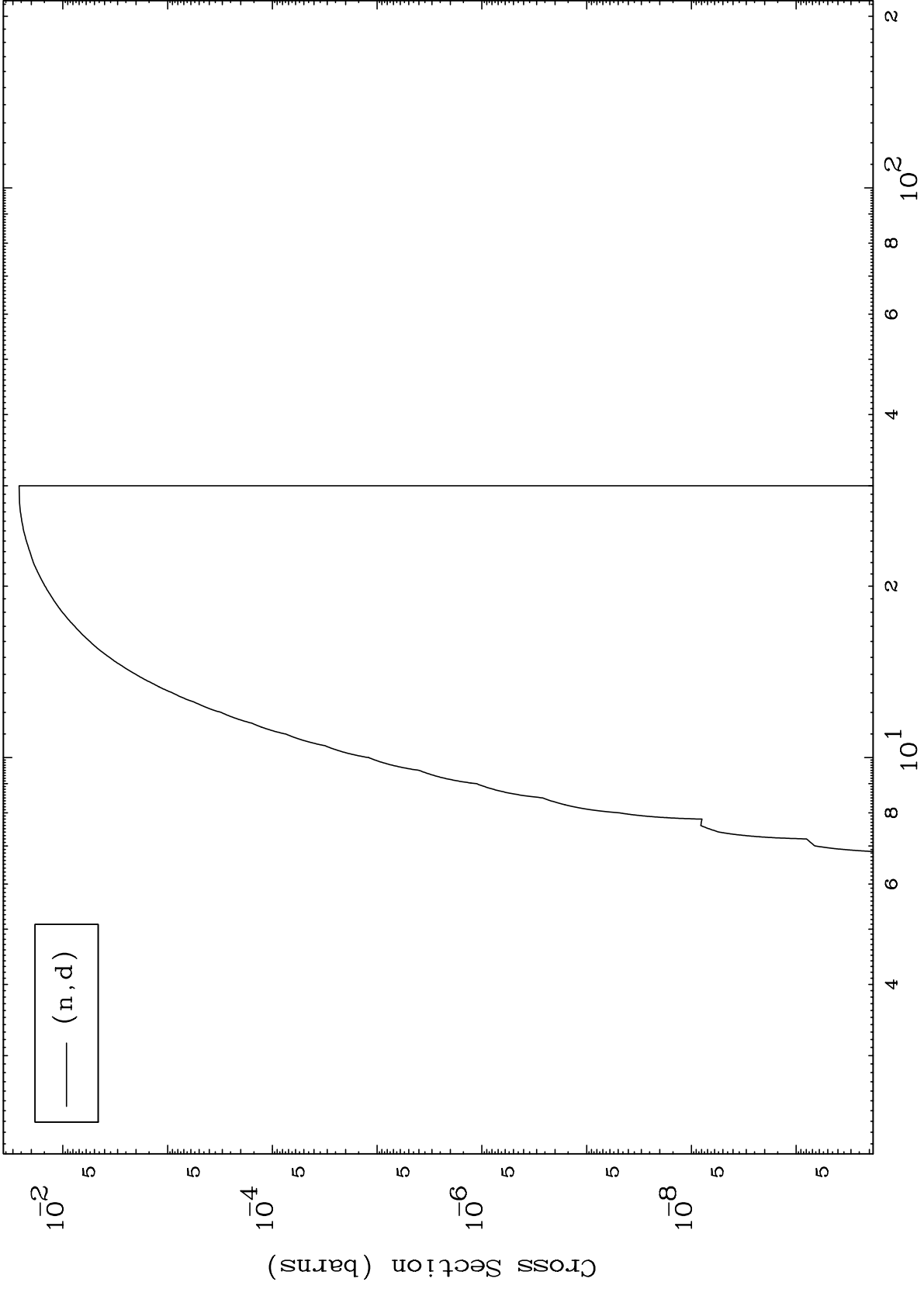
80-Hg-189m

Incident Energy (MeV)

MAT 8005

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-189m



14

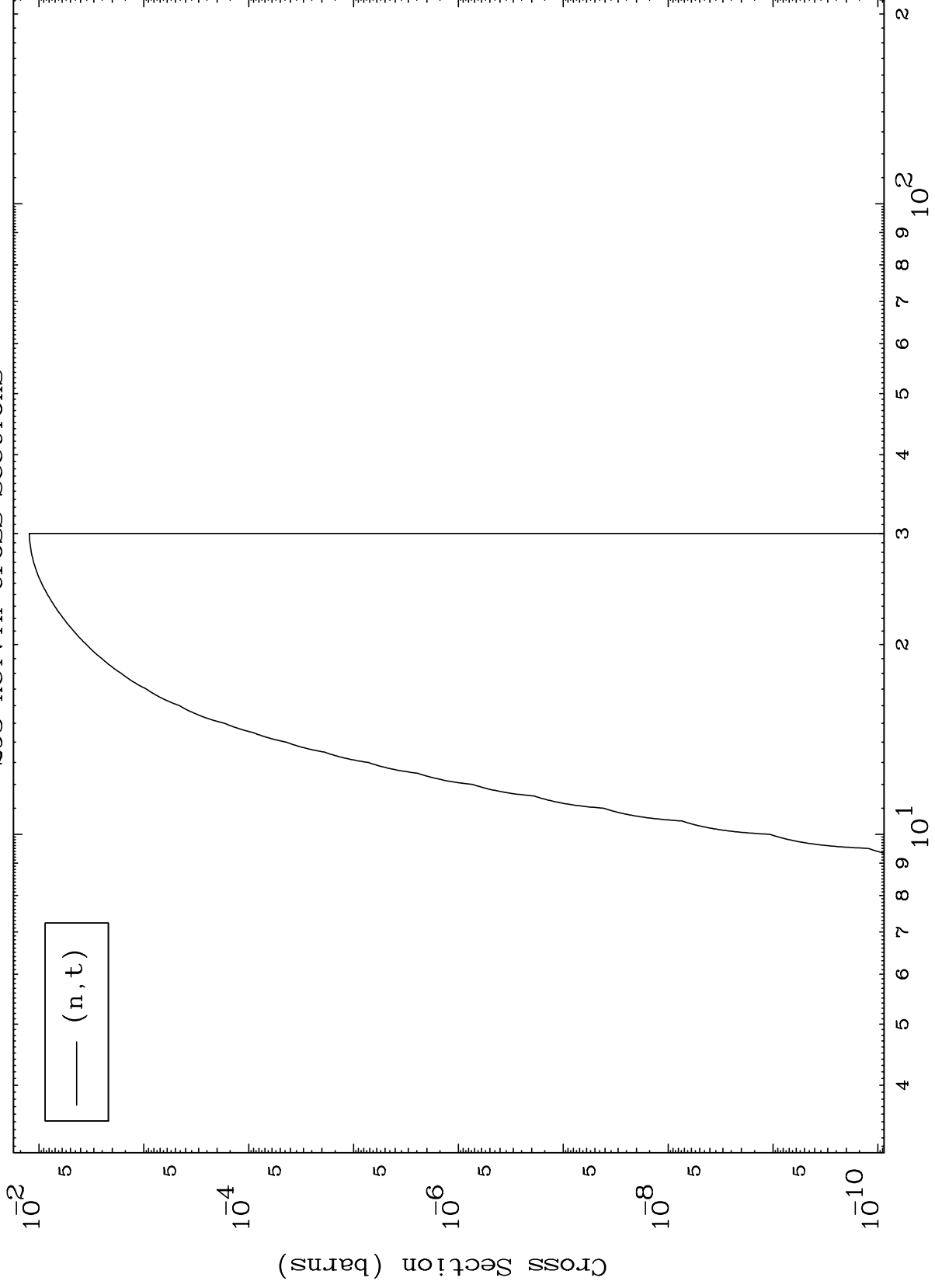
Incident Energy (MeV)

80-Hg-189m

MAT 8005

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-189m



15

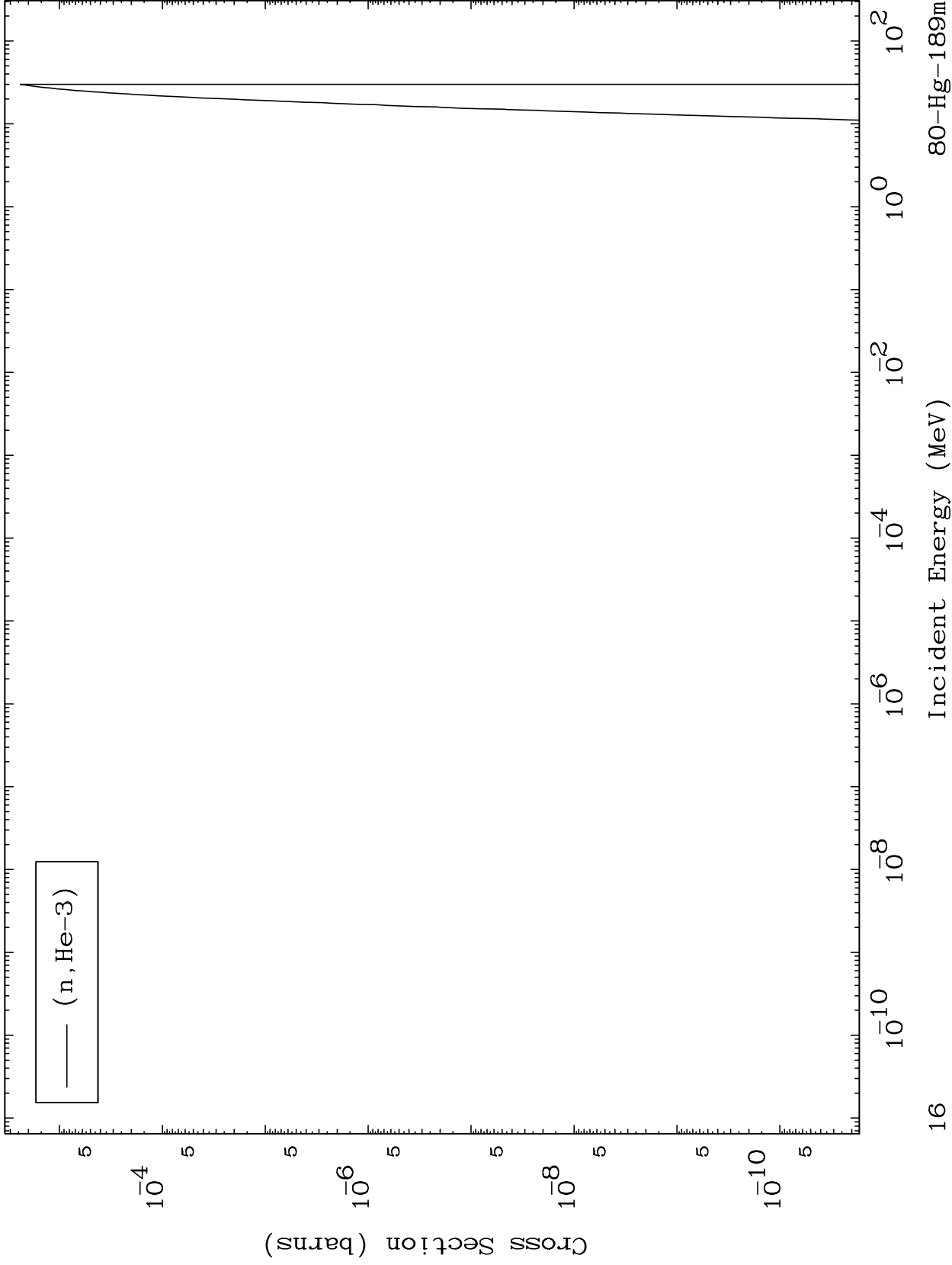
Incident Energy (MeV)

80-Hg-189m

MAT 8005

(n,He3) Levels
293 Kelvin Cross Sections

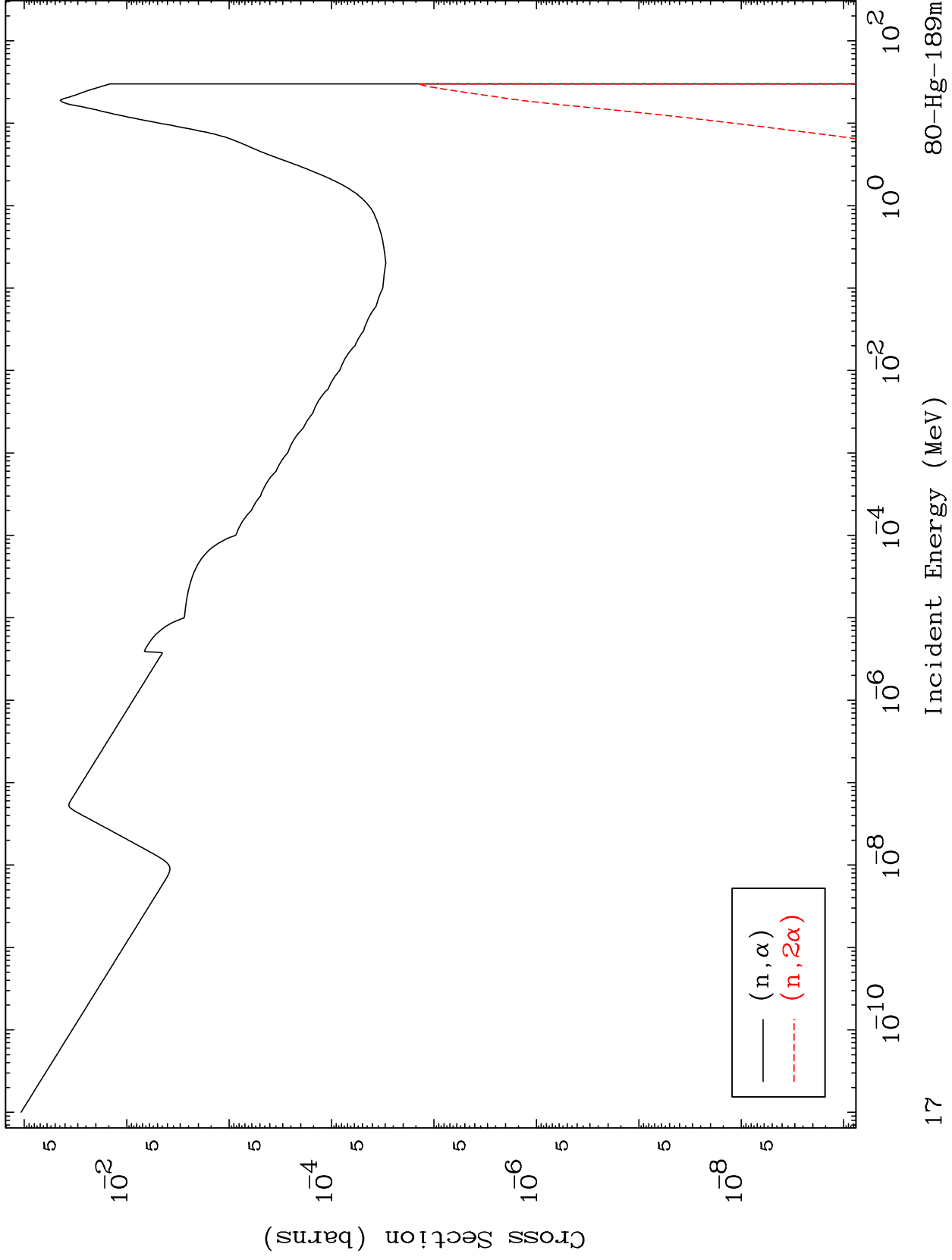
80-Hg-189m

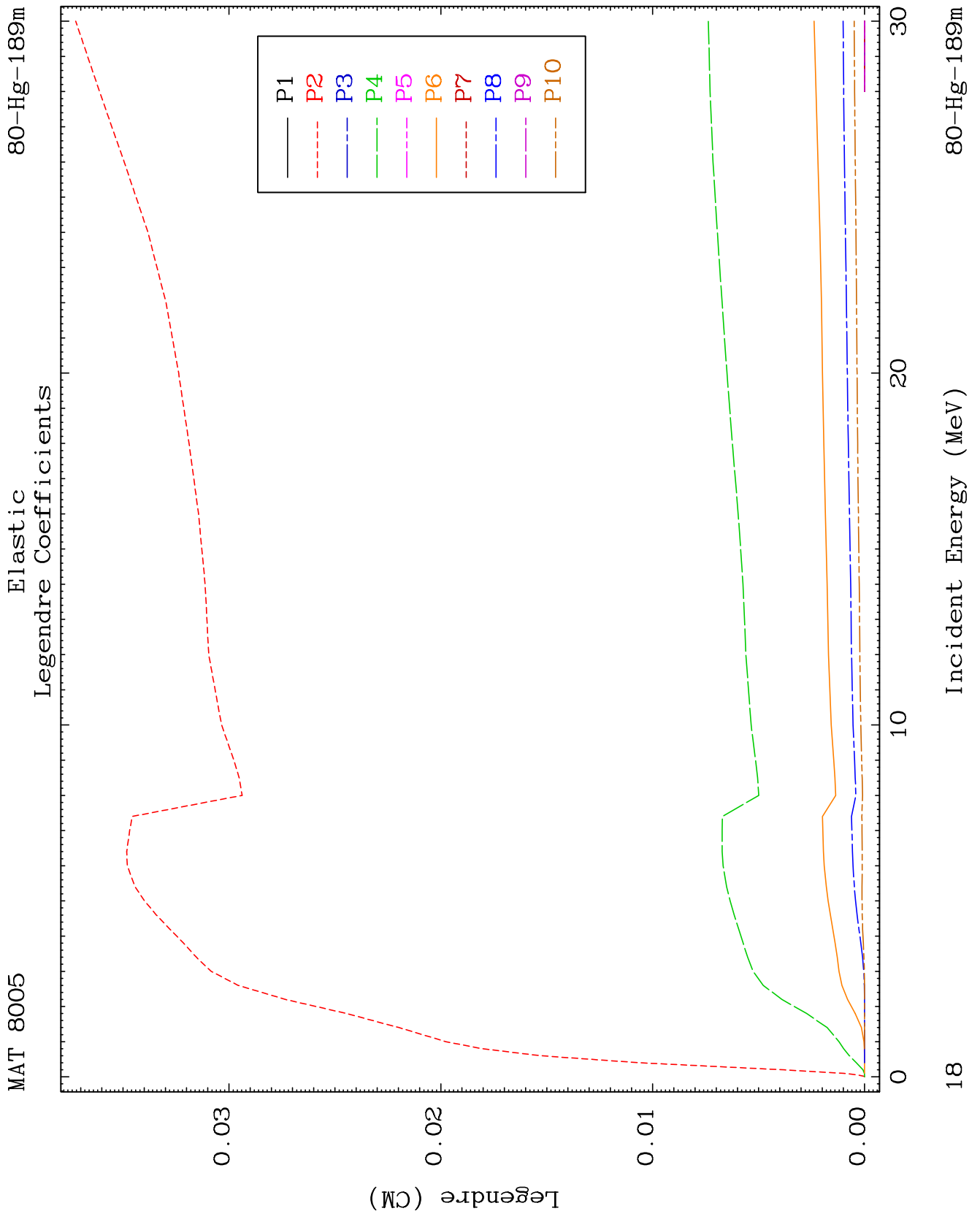


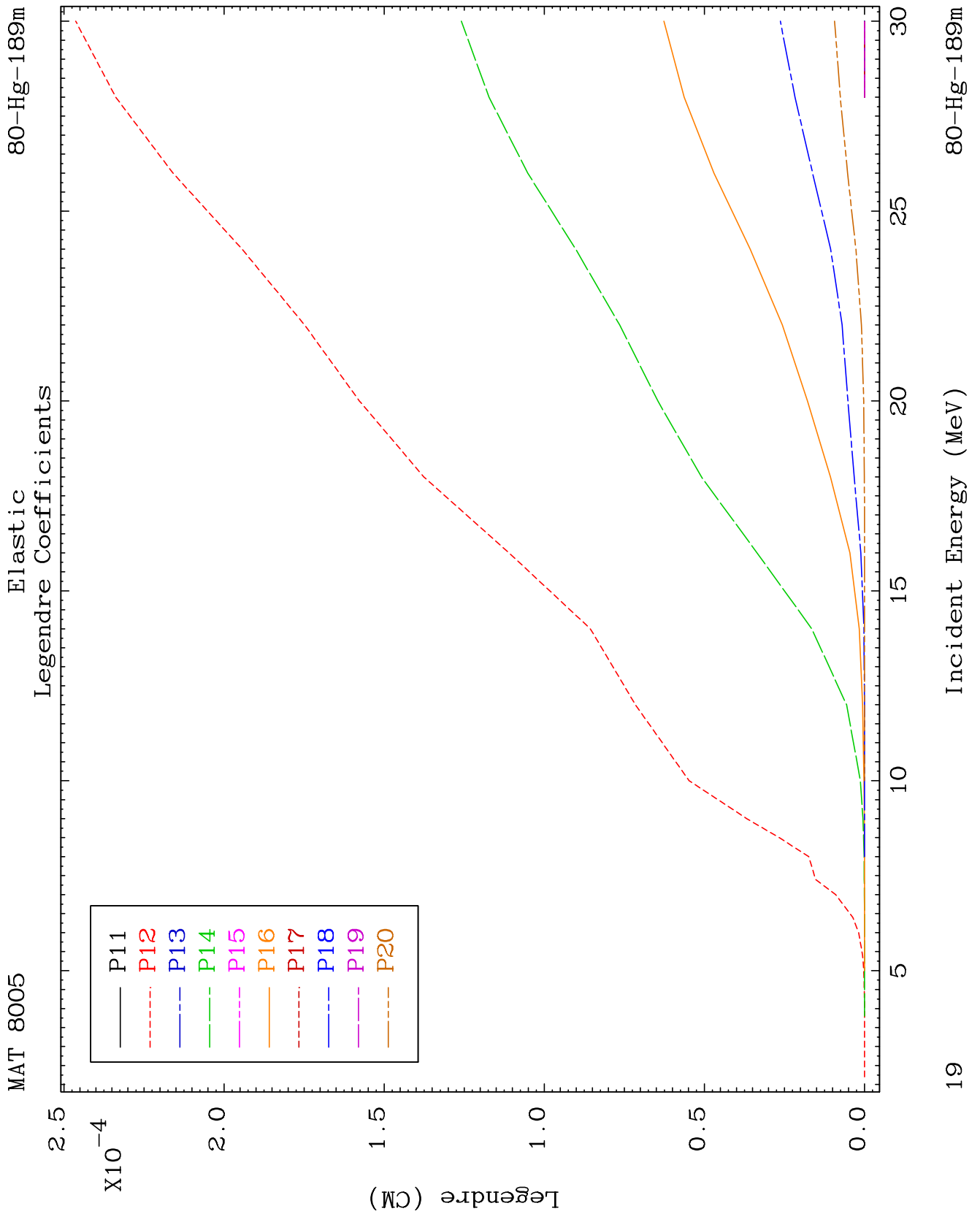
MAT 8005

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-189m



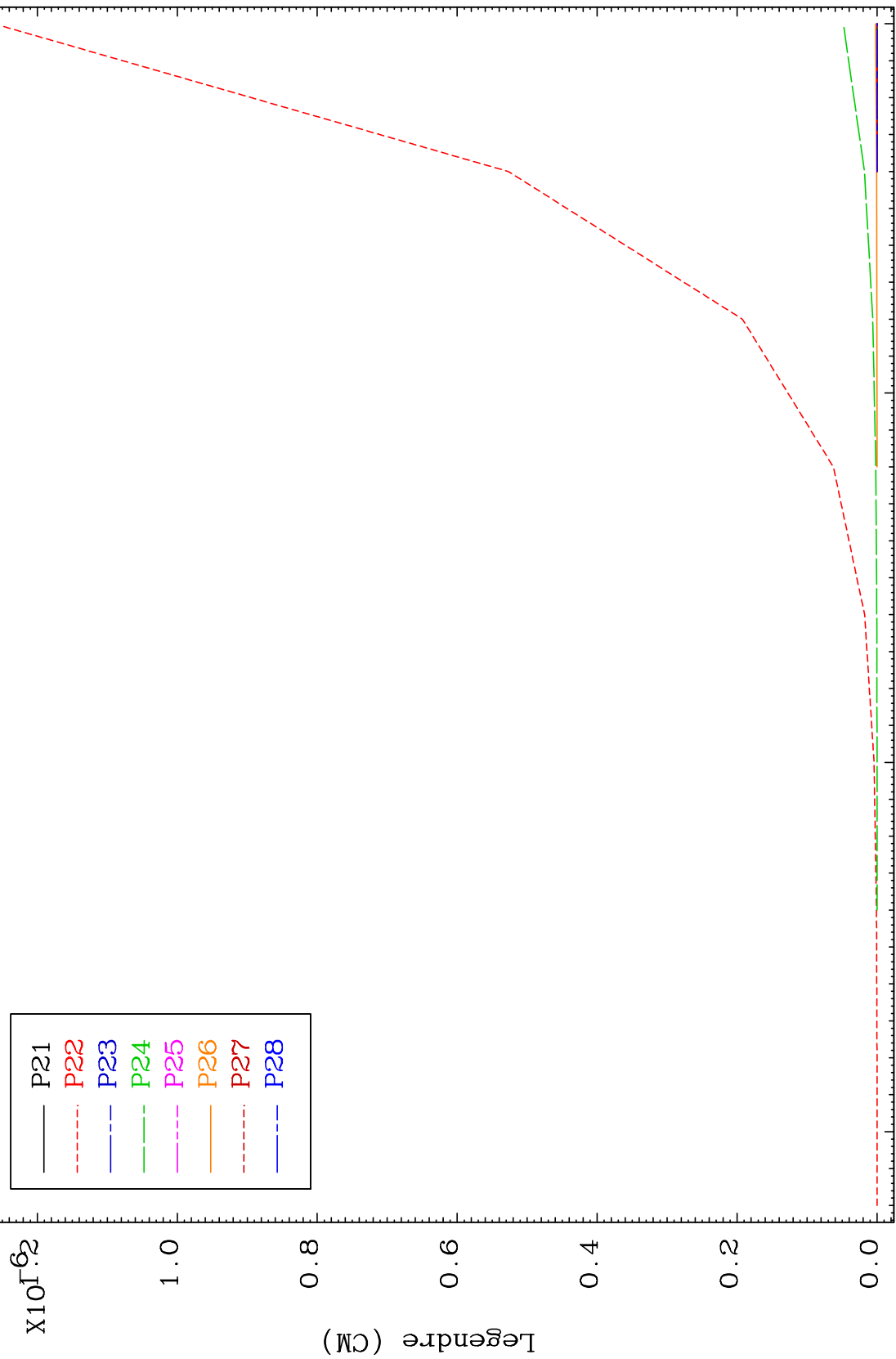
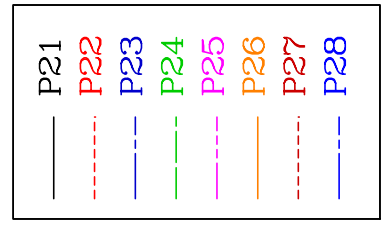




MAT 8005

Elastic Legendre Coefficients

80-Hg-189m



20

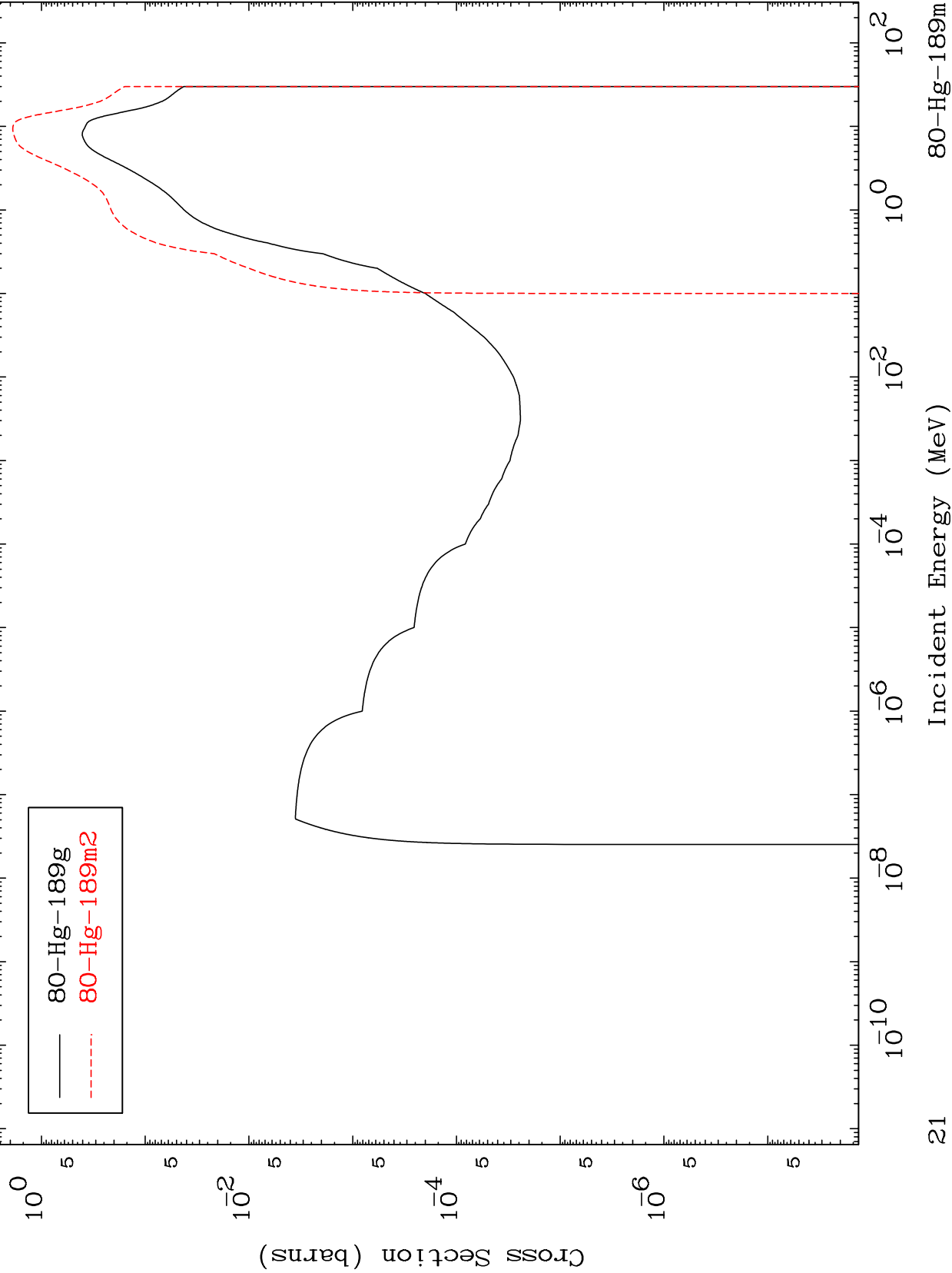
Incident Energy (MeV)

80-Hg-189m

MAT 8005

Inelastic
Radionuclide Production Cross Section

80-Hg-189m

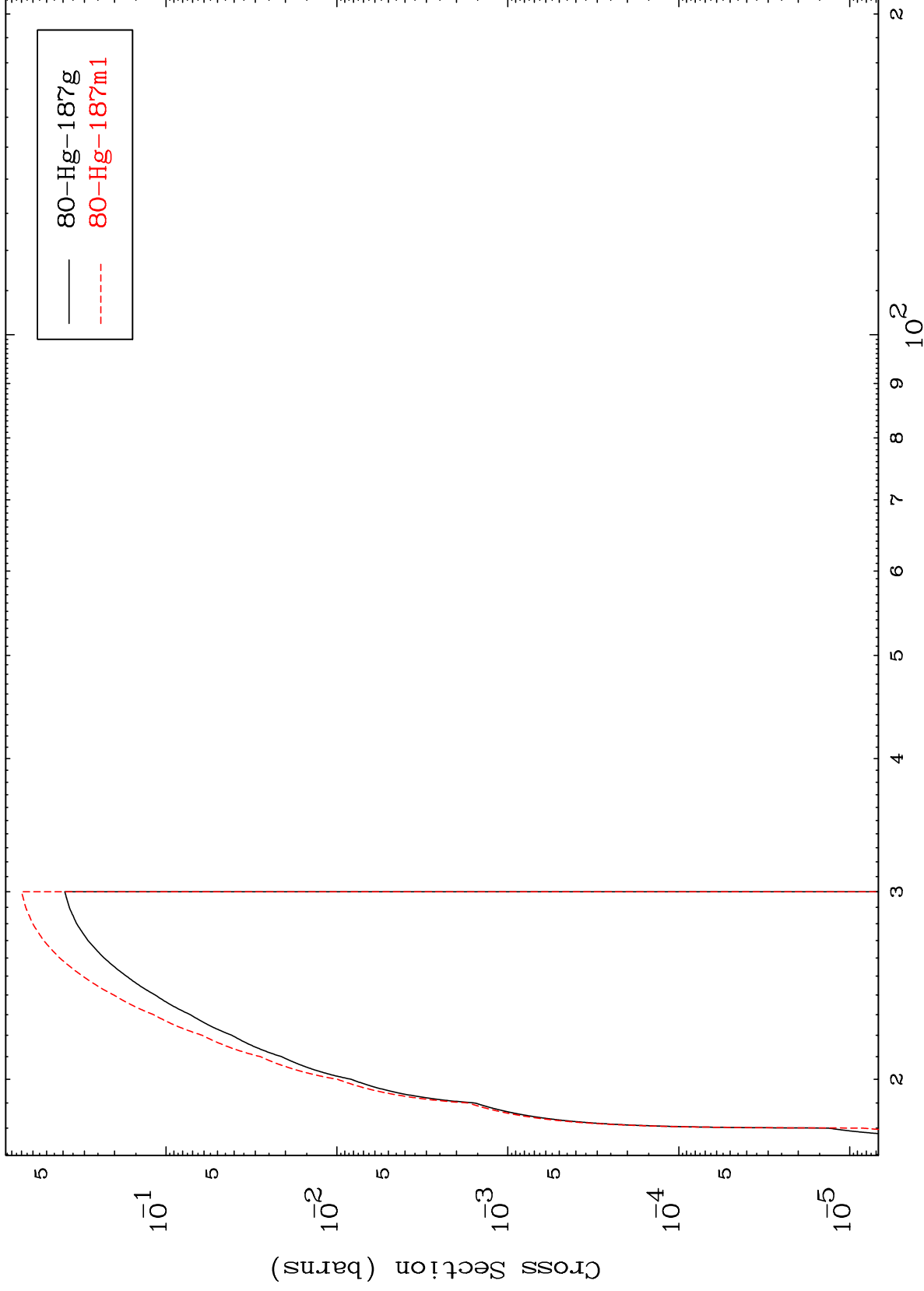


MAT 8005

(n,3n)

80-Hg-189m

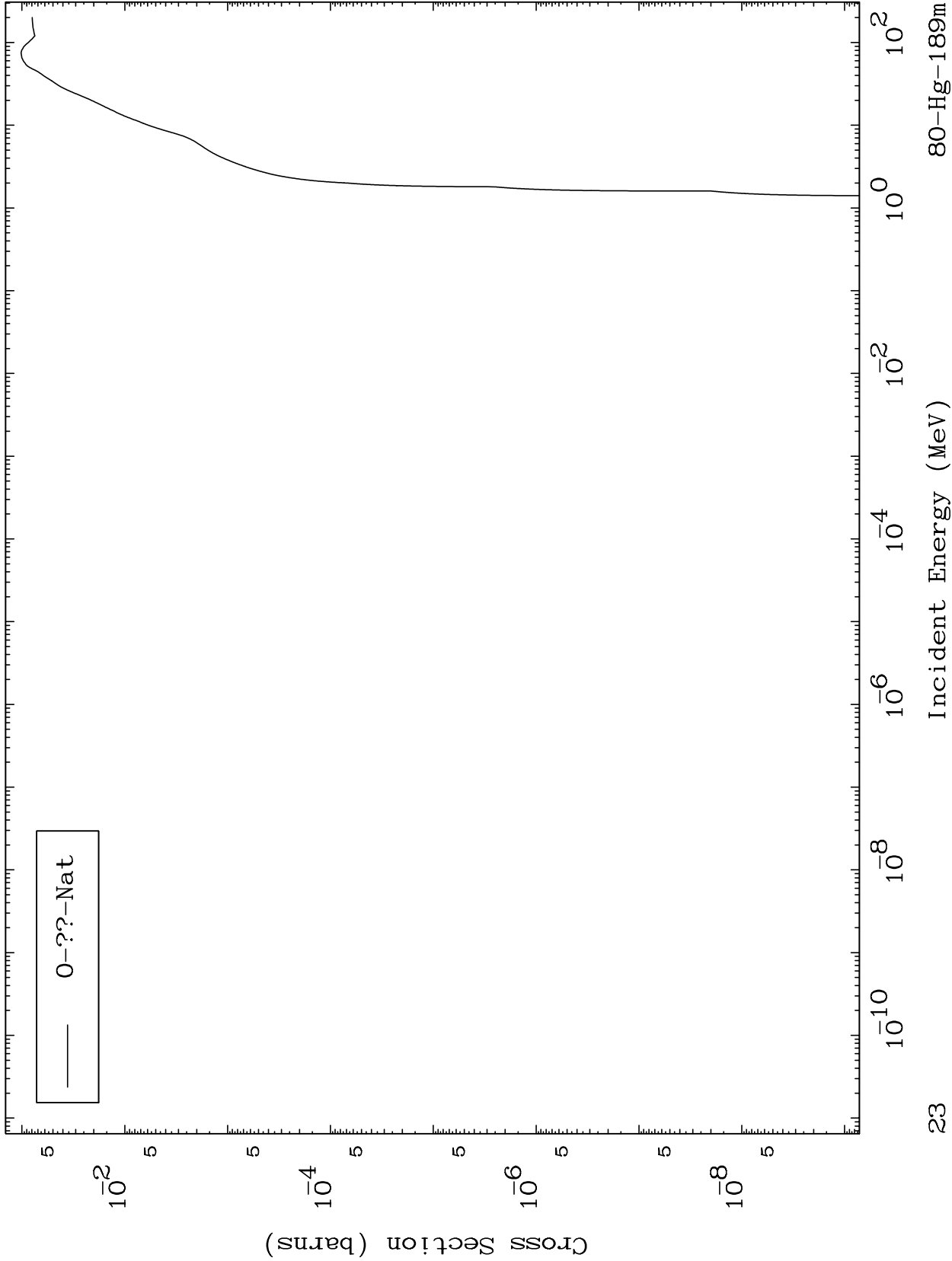
Radionuclide Production Cross Section



MAT 8005

Fission
Radionuclide Production Cross Section

80-Hg-189m

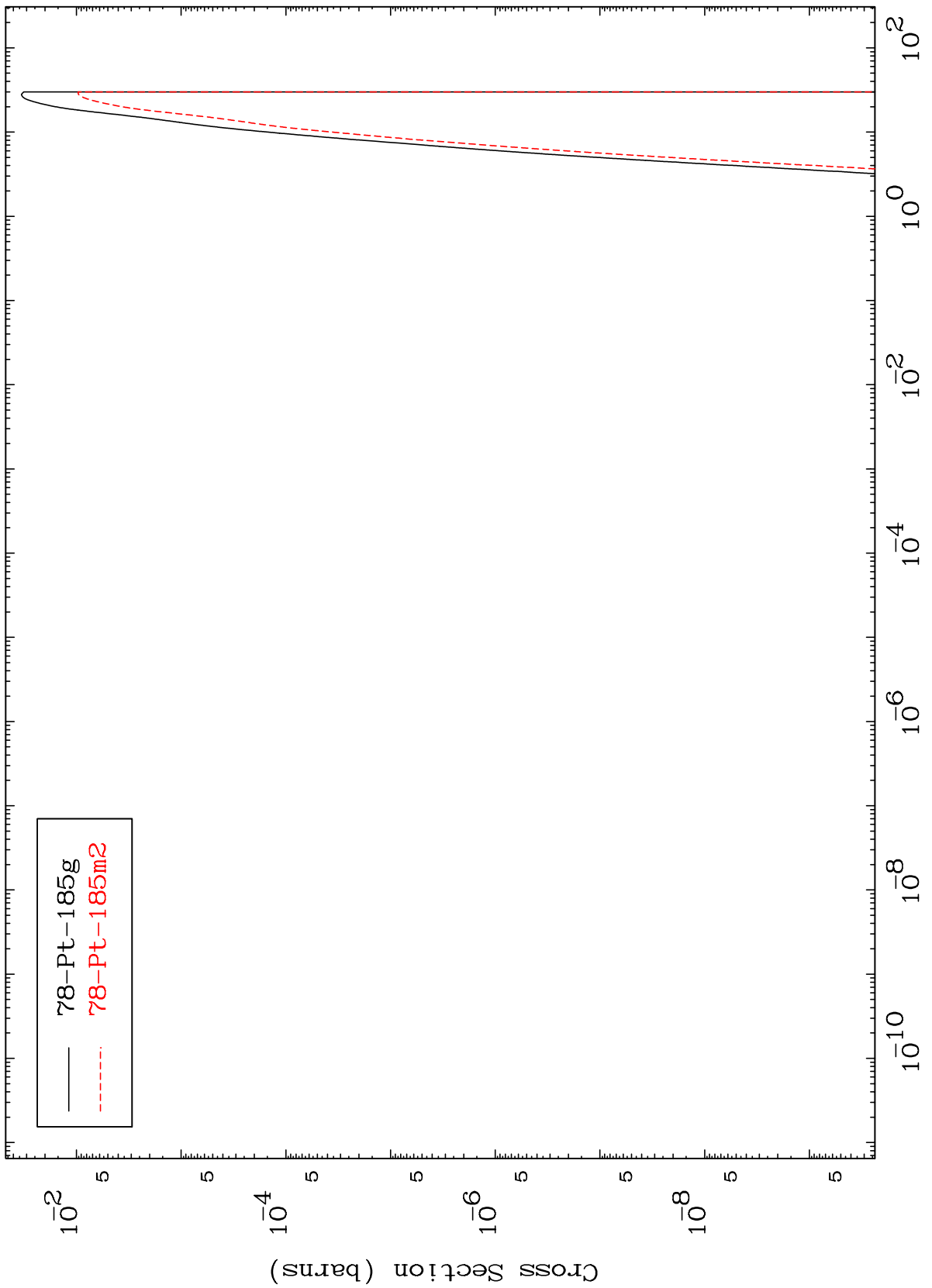


MAT 8005

$(n, n') \alpha$

80-Hg-189m

Radionuclide Production Cross Section

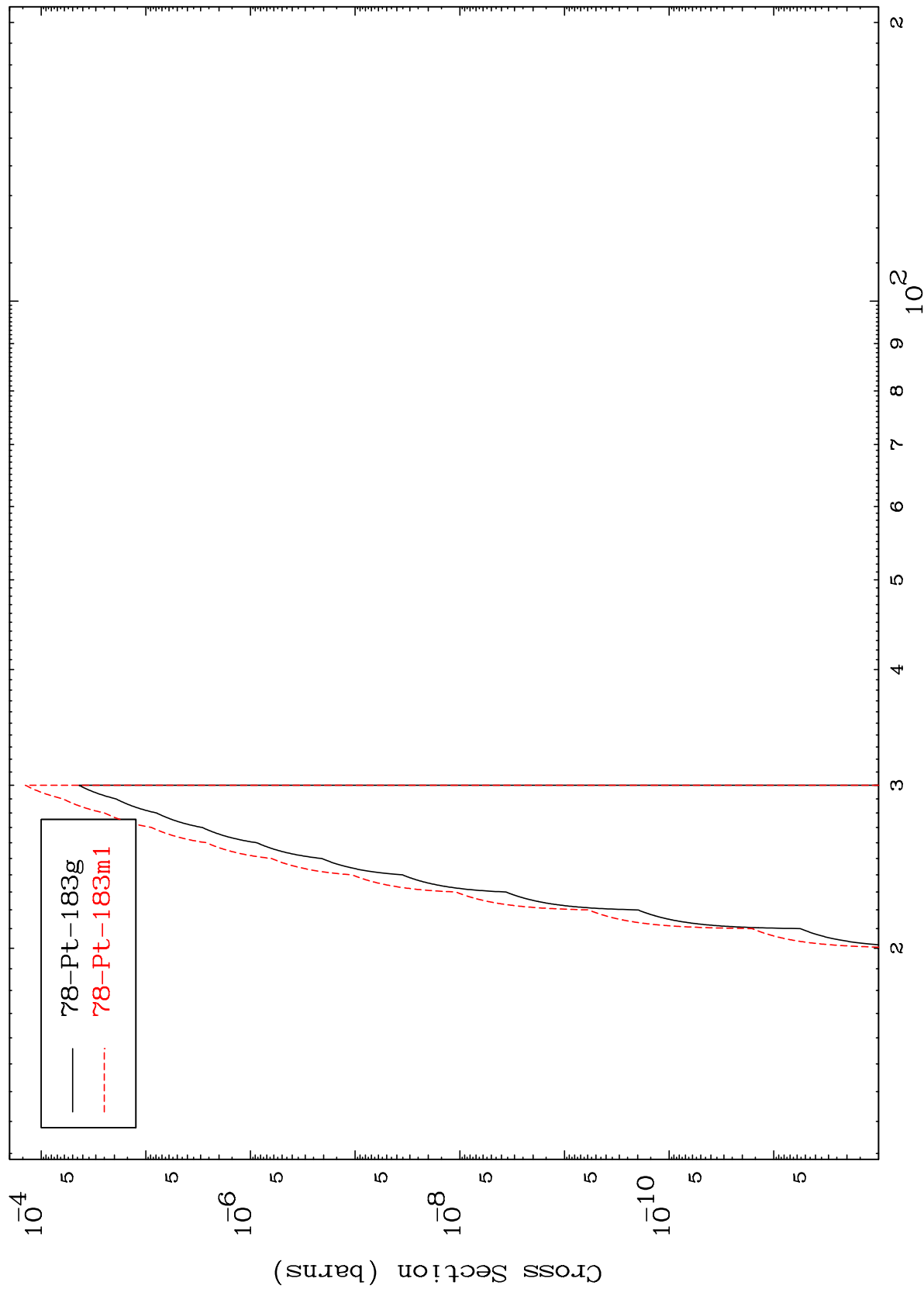


MAT 8005

80-Hg-189m

(n,3n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-189m

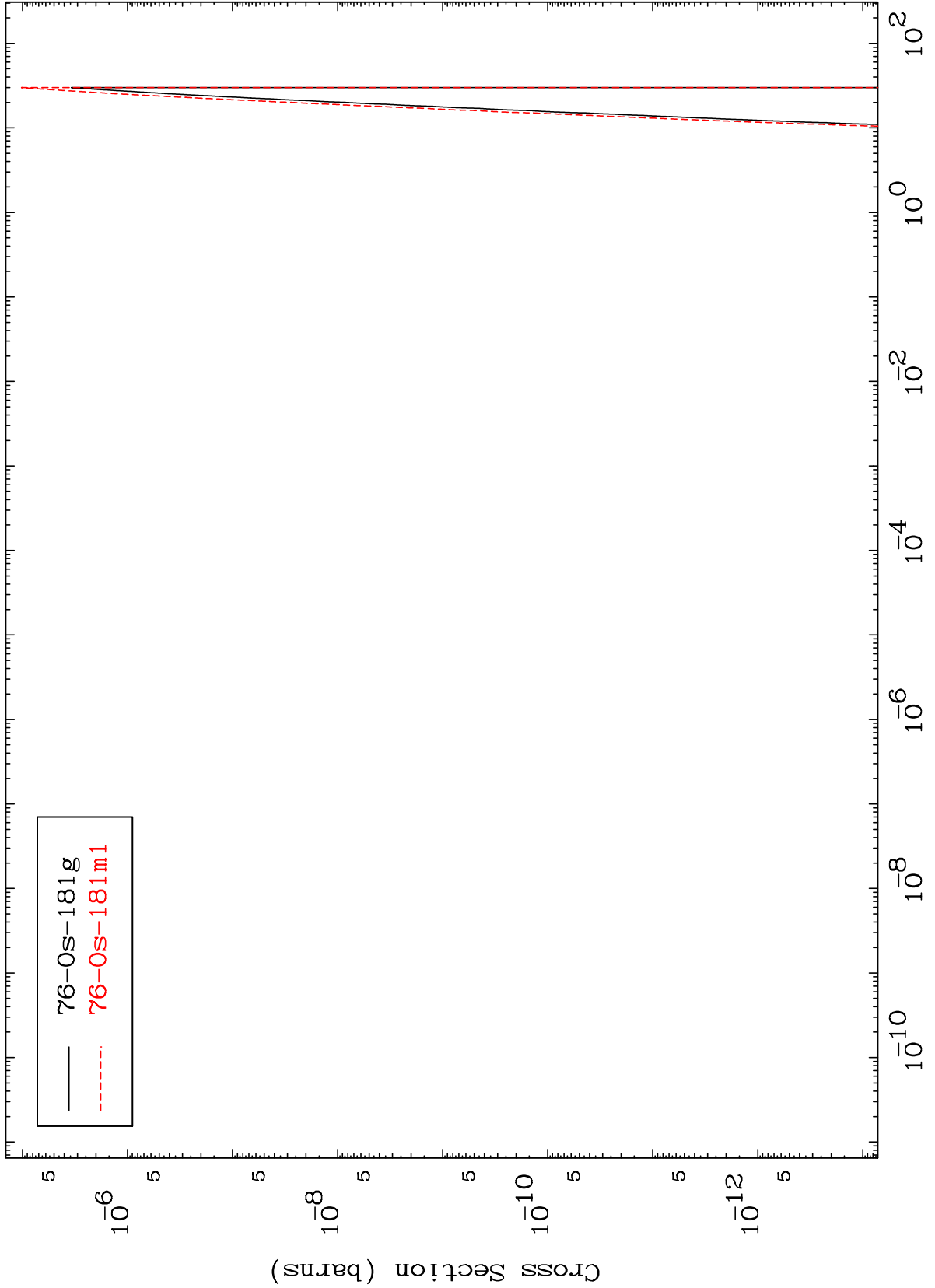
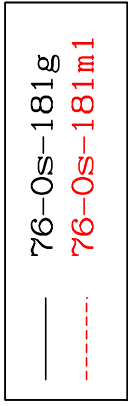
25

MAT 8005

(n,n') 2α

80-Hg-189m

Radionuclide Production Cross Section

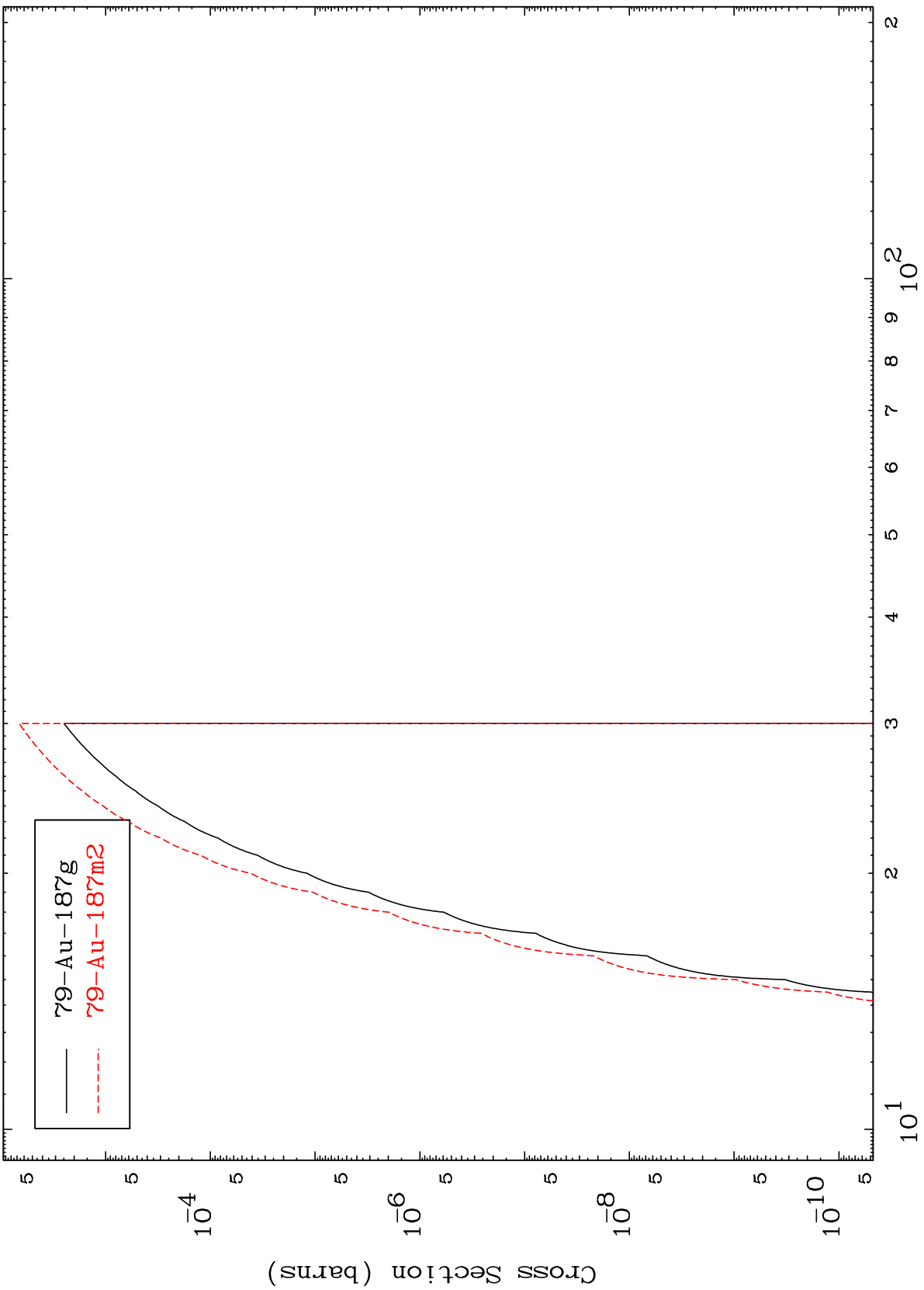


MAT 8005

(n,n') d

80-Hg-189m

Radionuclide Production Cross Section



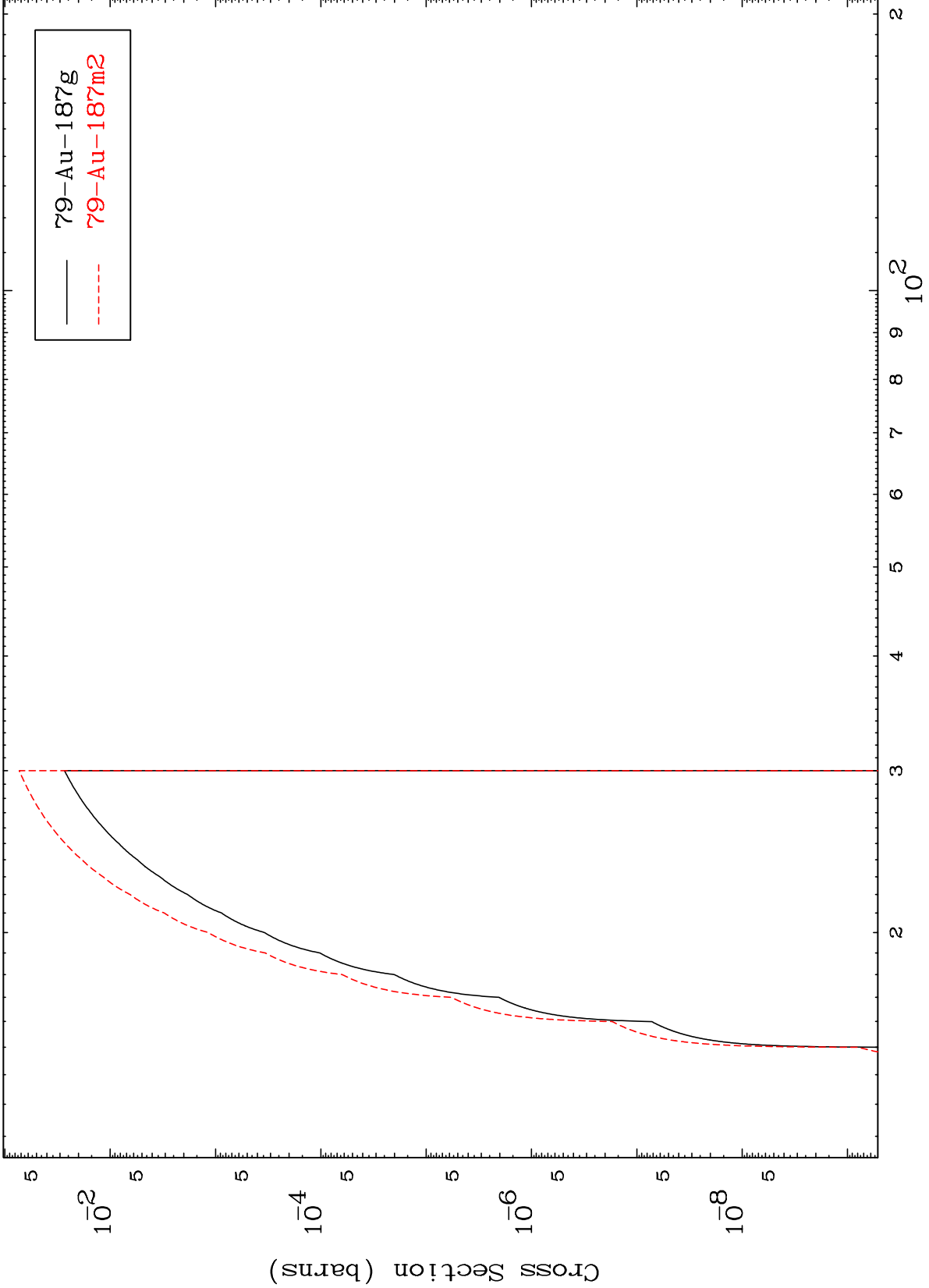
79-Au-187g
79-Au-187m2

Incident Energy (MeV)

80-Hg-189m

27

Radionuclide Production Cross Section



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

