

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

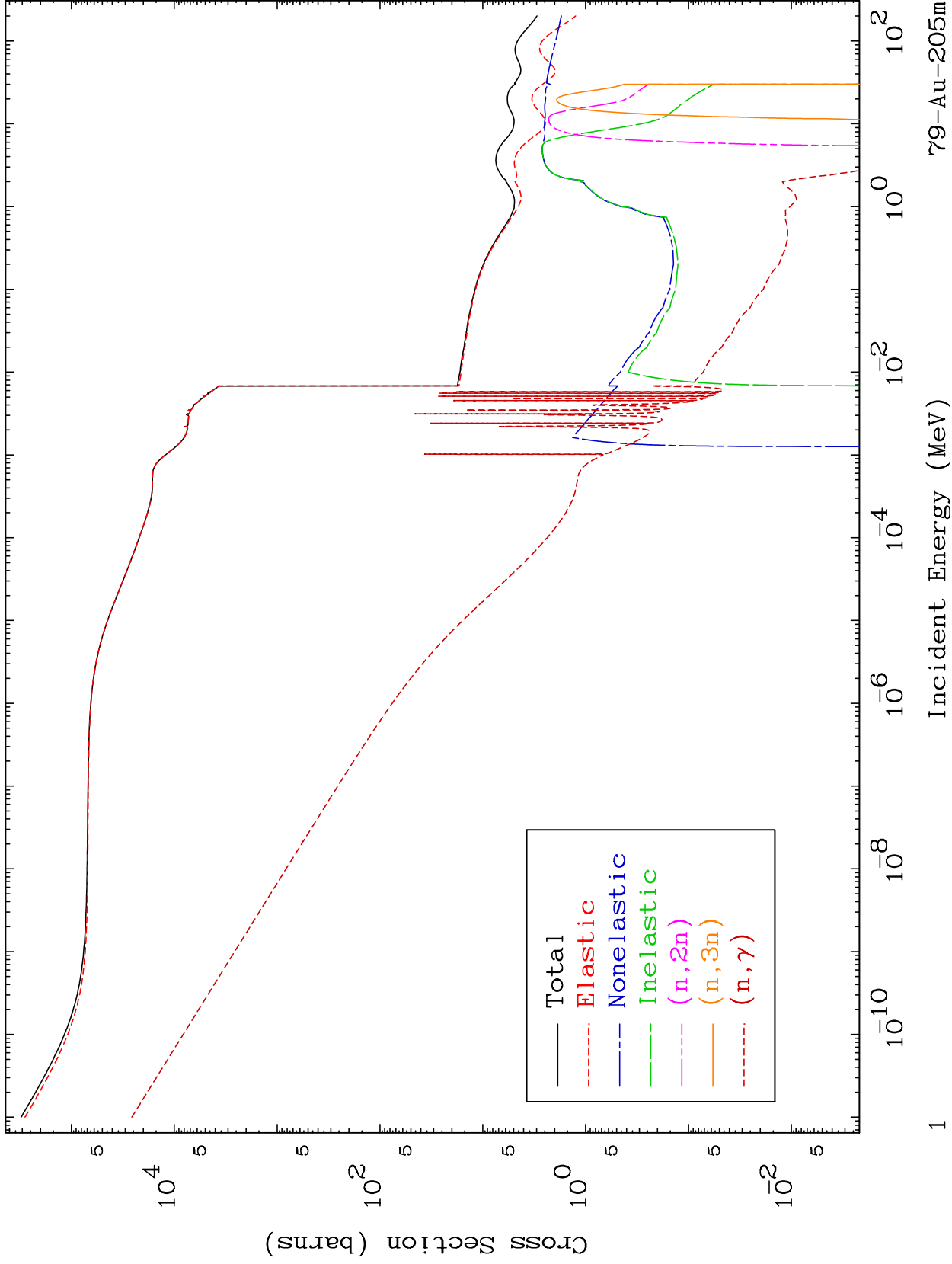
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7950

Neutron Major
293 Kelvin Cross Sections

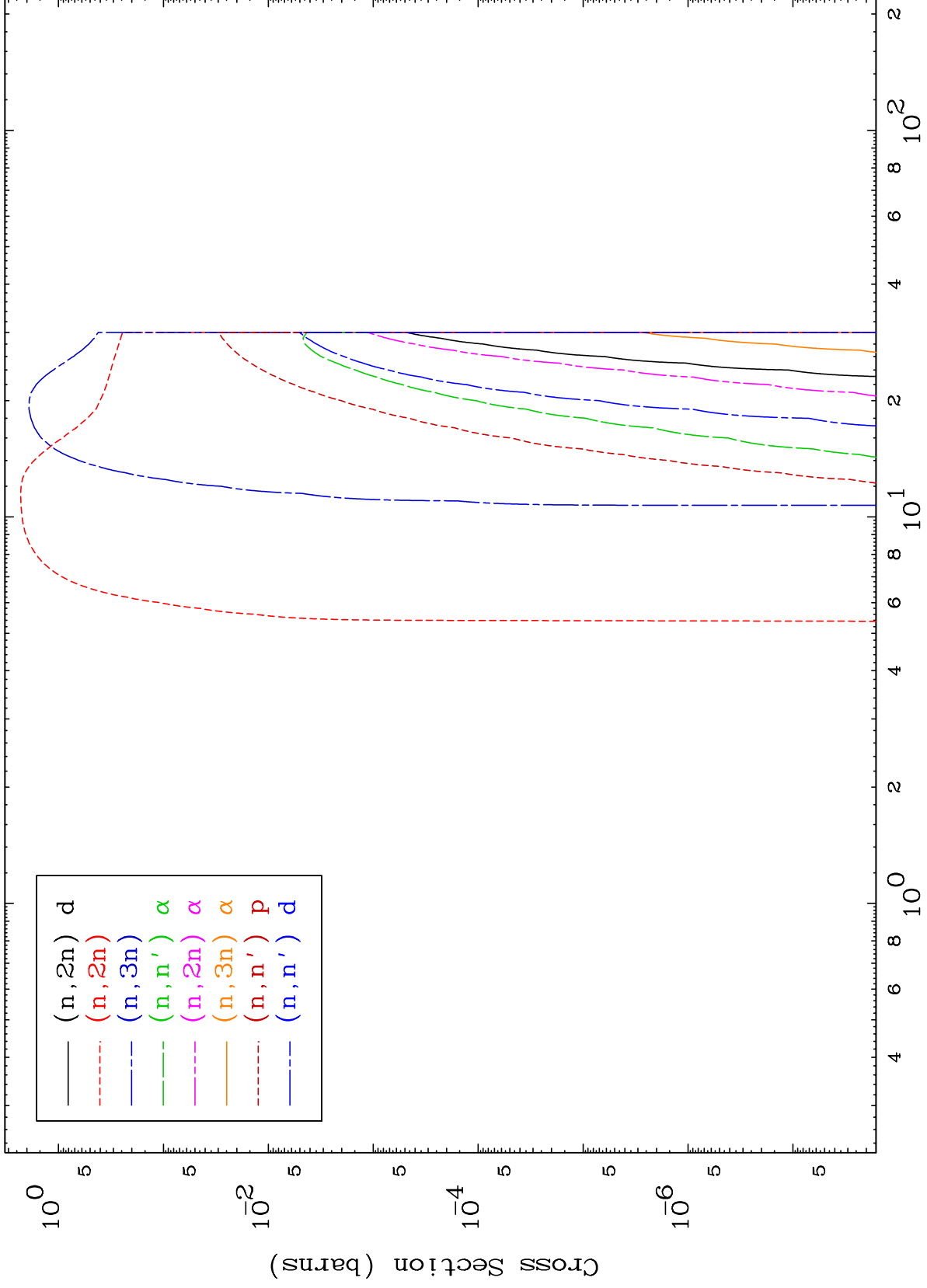
79-Au-205m



MAT 7950

Neutron Absorption
293 Kelvin Cross Sections

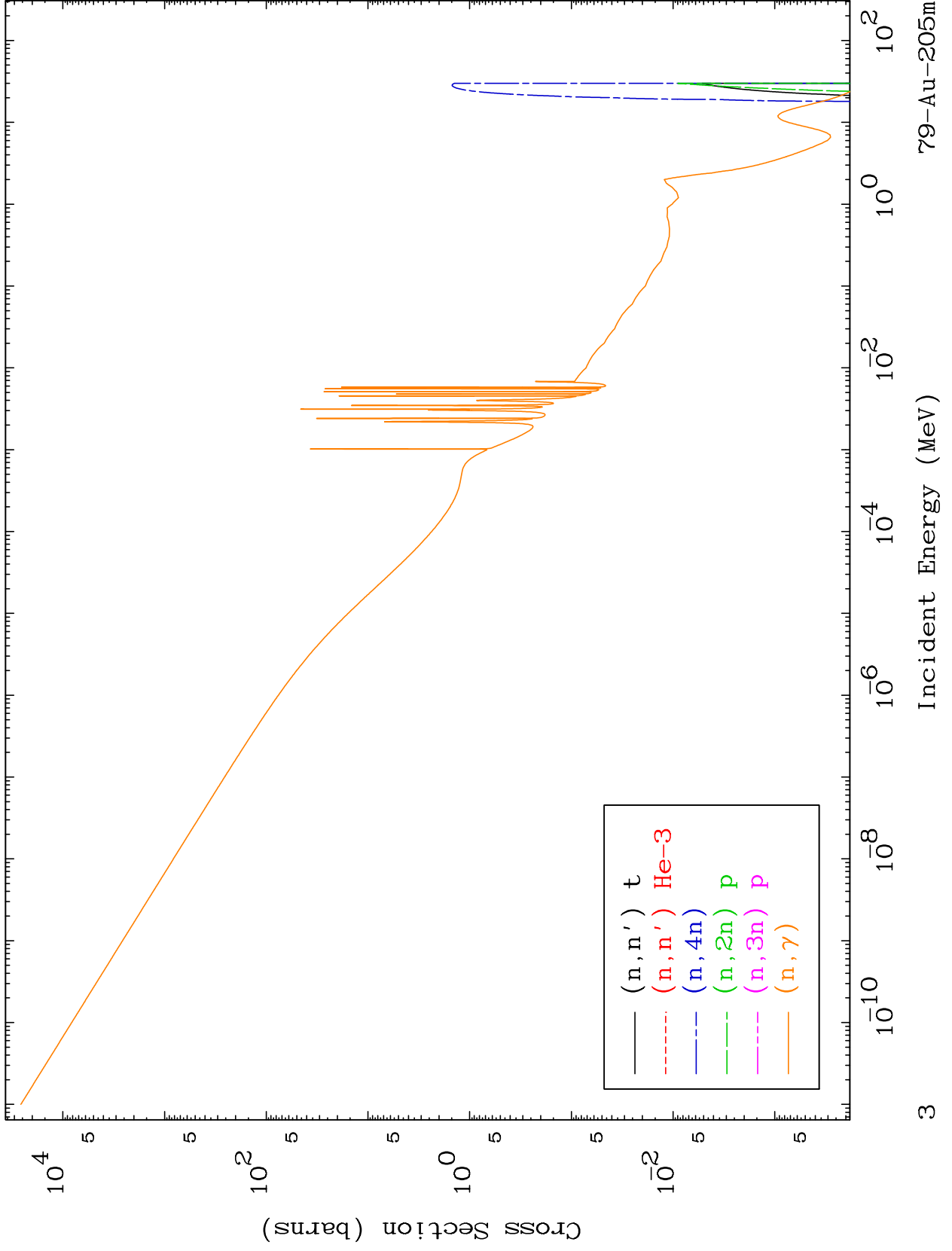
79-Au-205m



MAT 7950

Neutron Absorption
293 Kelvin Cross Sections

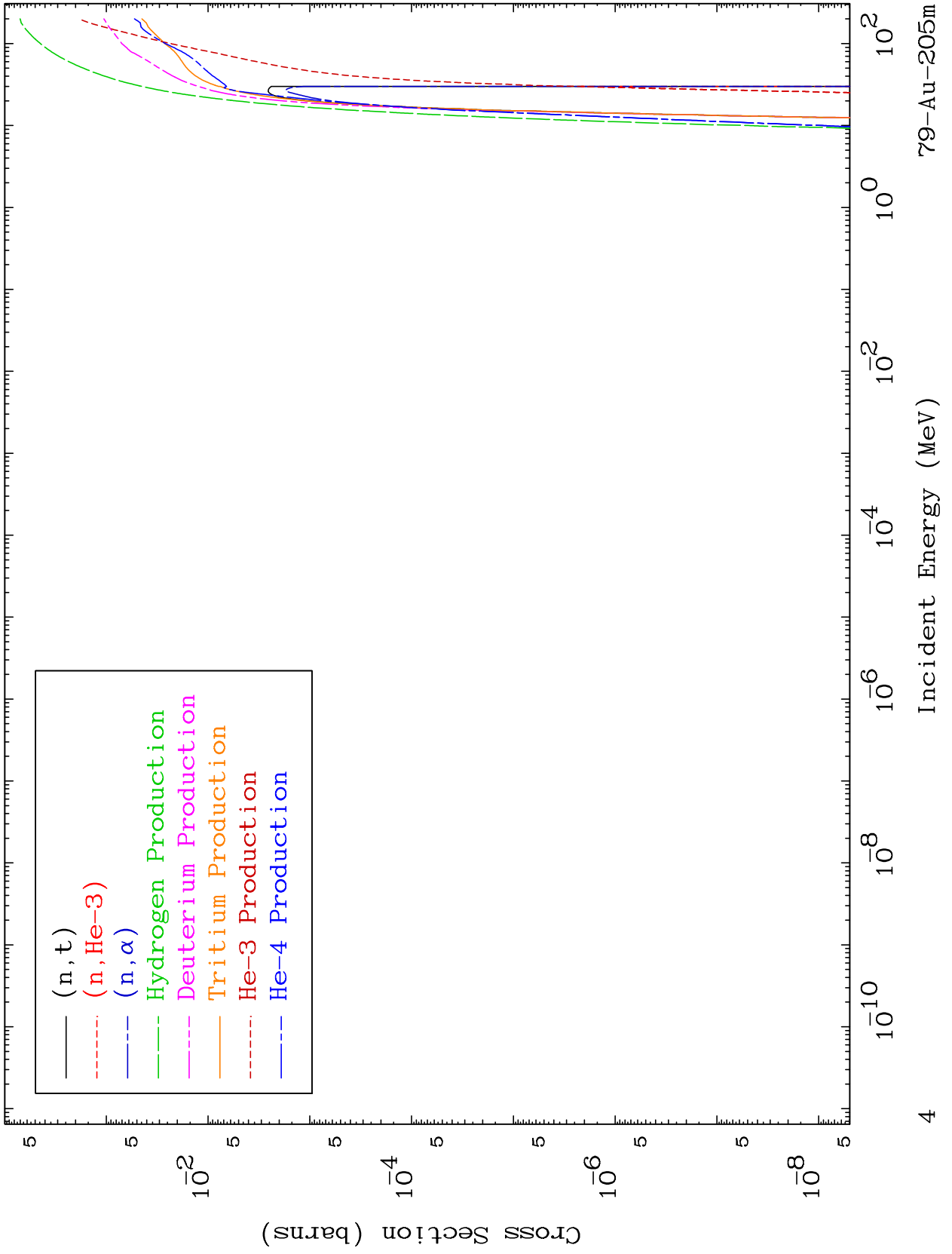
⁷⁹Au-205m



MAT 7950

Neutron Absorption
293 Kelvin Cross Sections

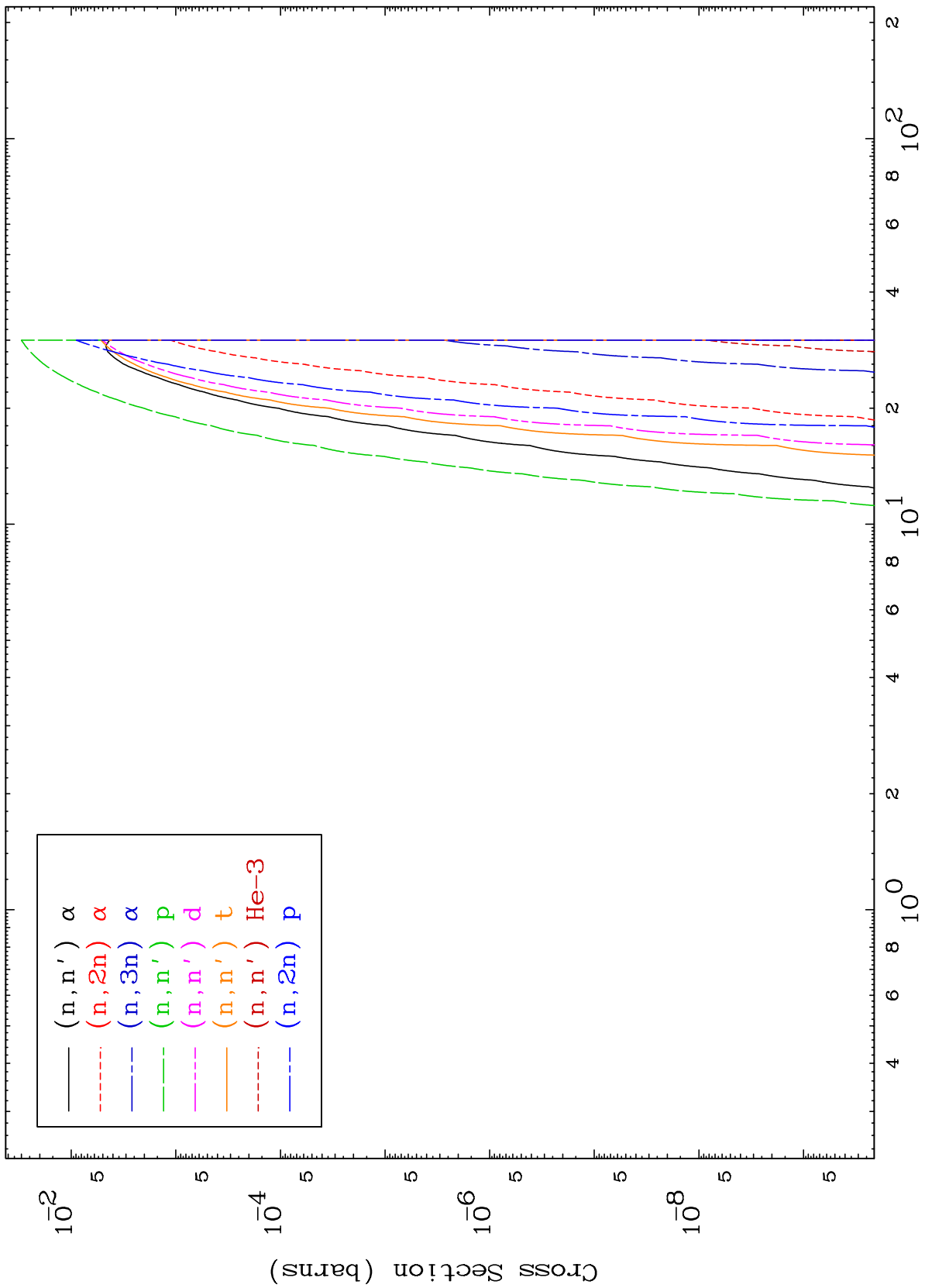
⁷⁹Au-205m



MAT 7950

Charged Particle
293 Kelvin Cross Sections

79-Au-205m



79-Au-205m

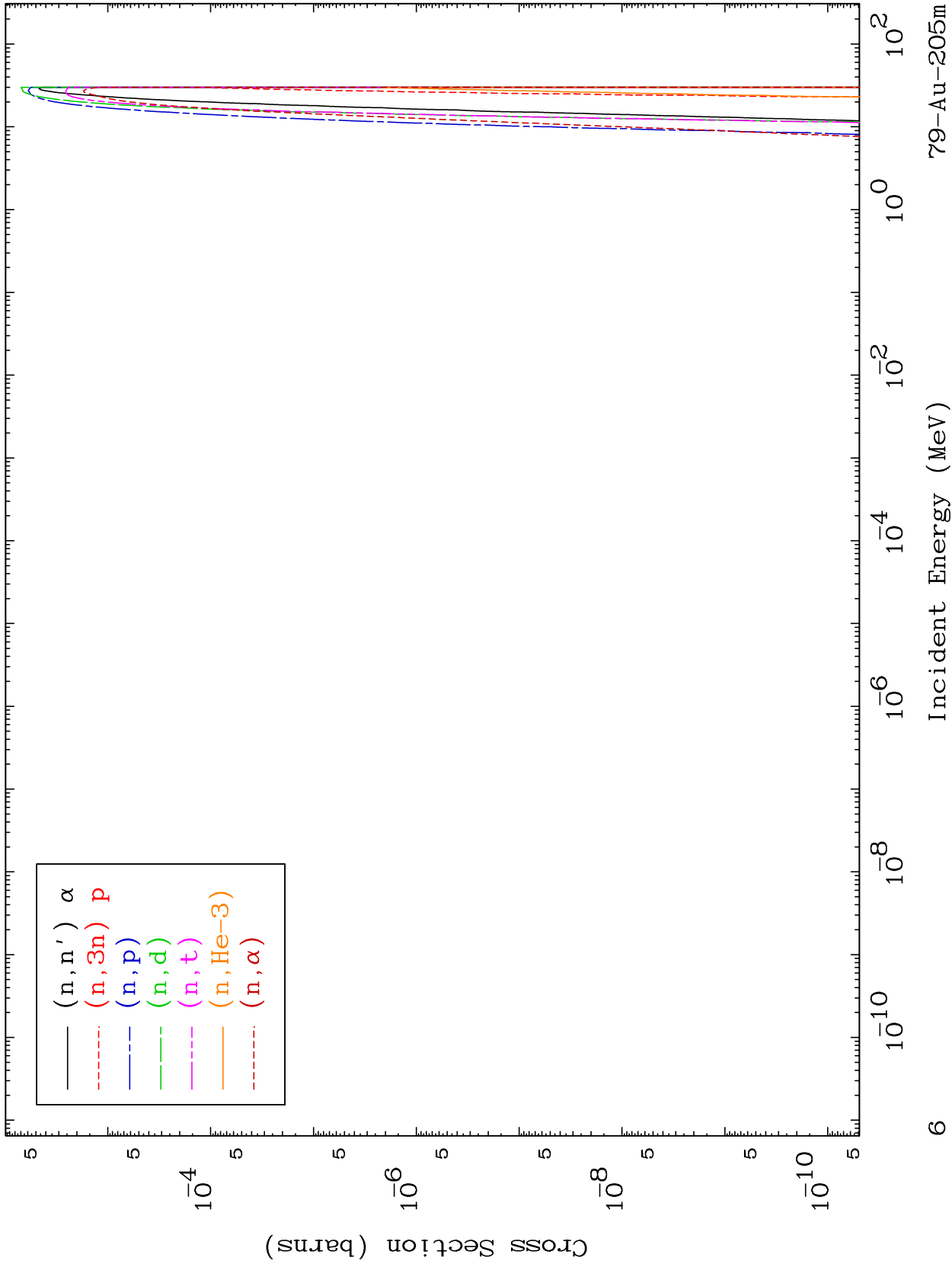
Incident Energy (MeV)

5

MAT 7950

Charged Particle
293 Kelvin Cross Sections

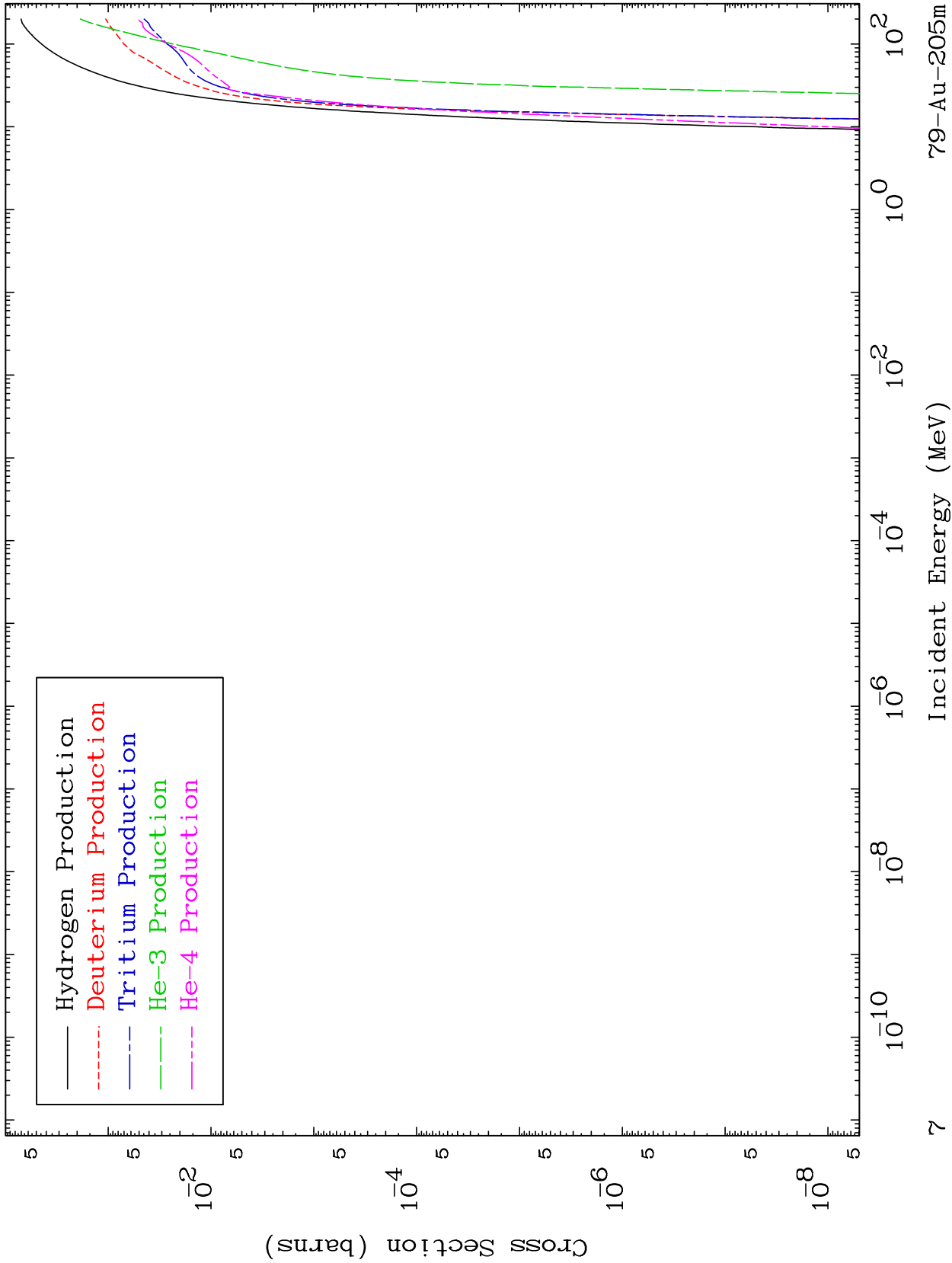
79-Au-205m



MAT 7950

Particle Production
293 Kelvin Cross Sections

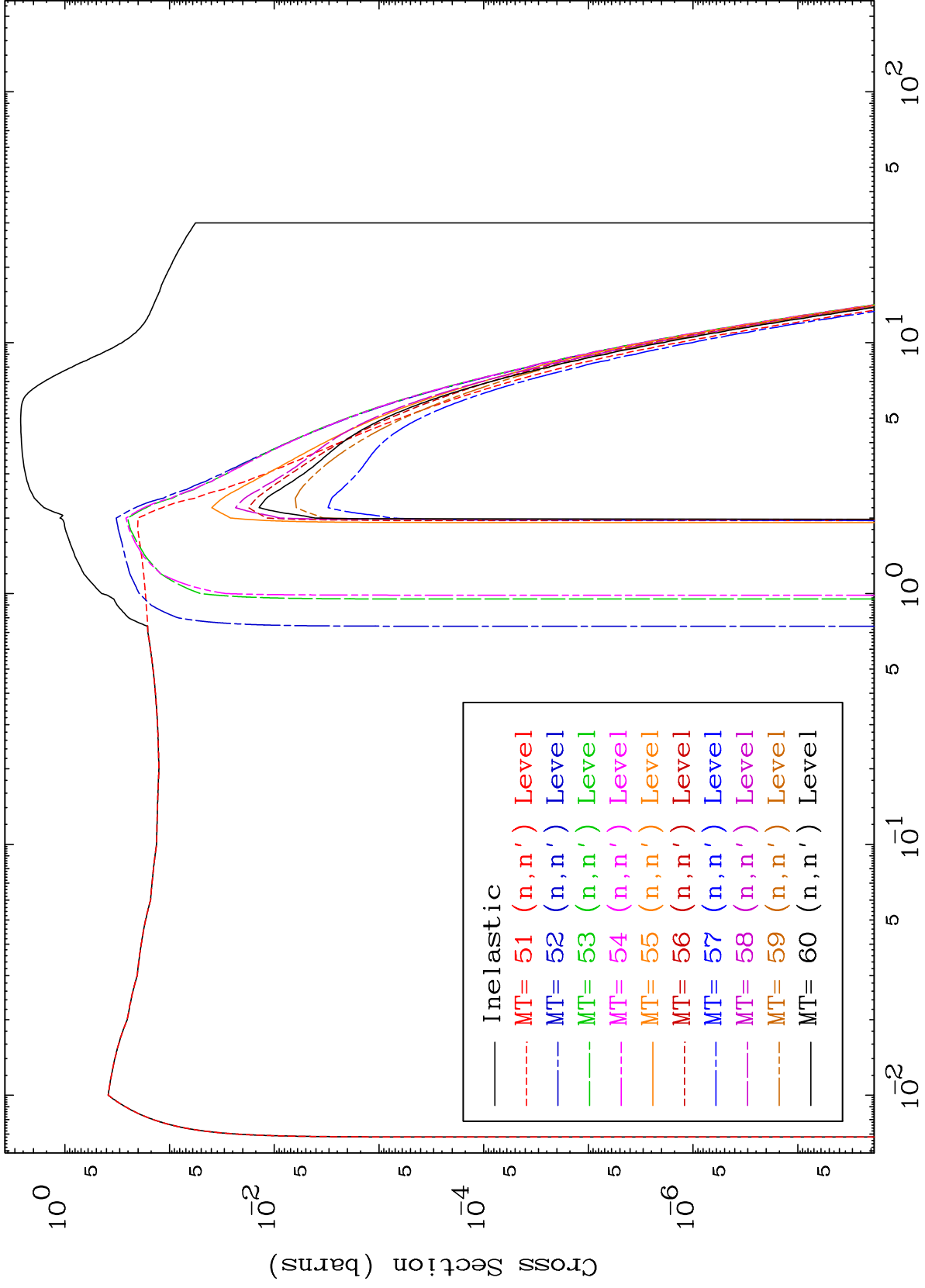
⁷⁹Au-205m



MAT 7950

(n,n') Levels
293 Kelvin Cross Sections

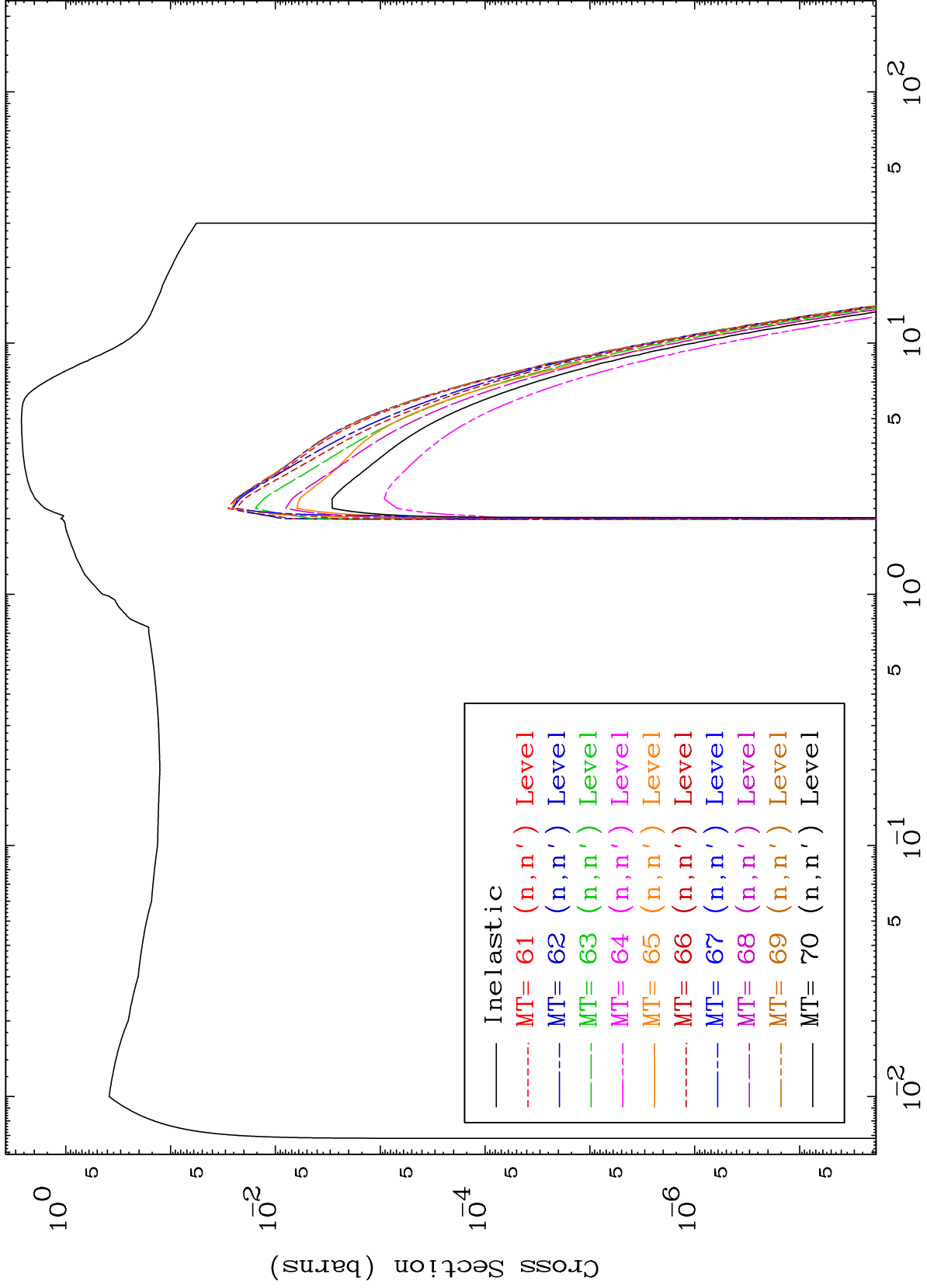
79-Au-205m



MAT 7950

(n,n') Levels
293 Kelvin Cross Sections

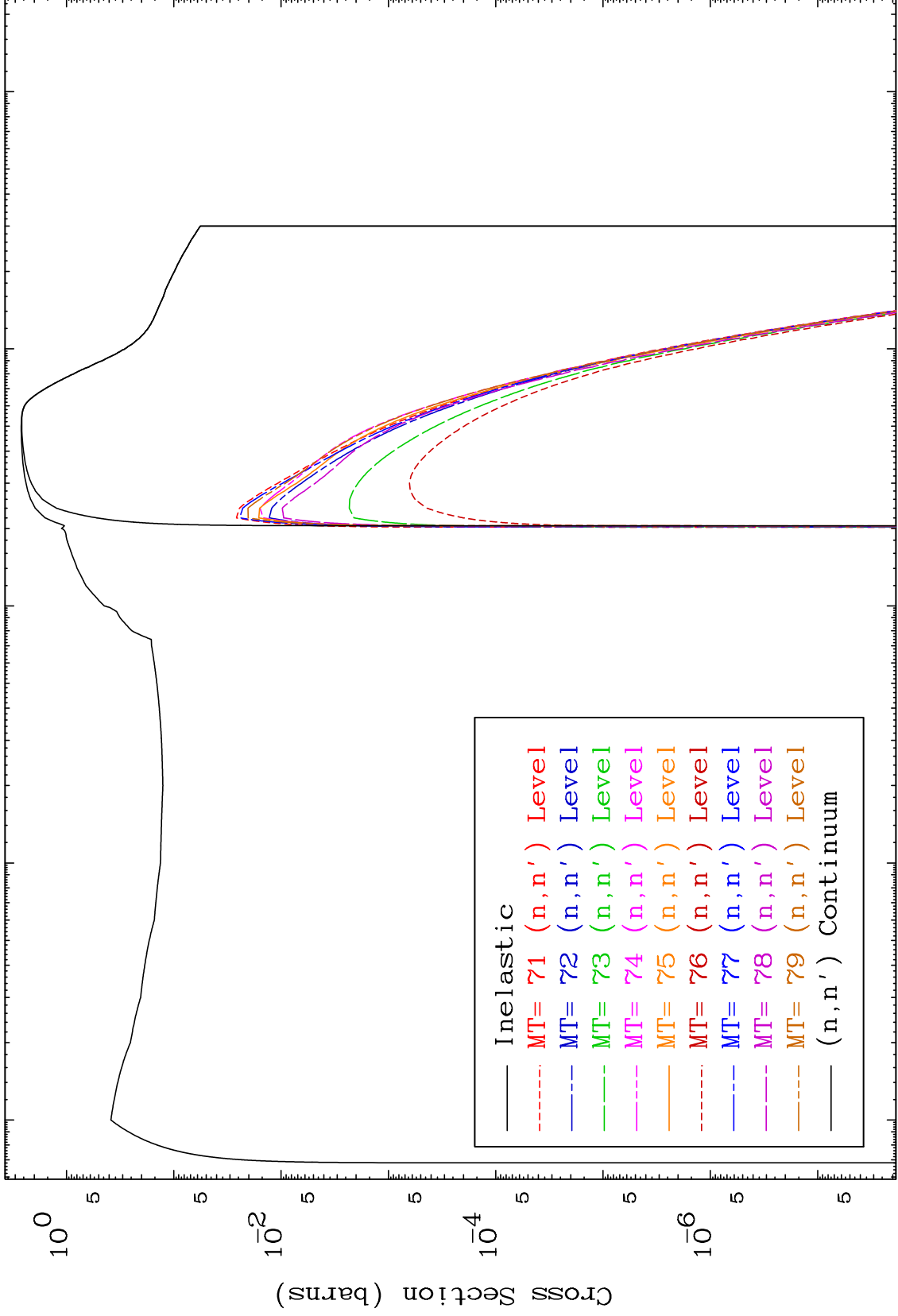
79-Au-205m



MAT 7950

(n,n') Levels
293 Kelvin Cross Sections

⁷⁹Au-205m



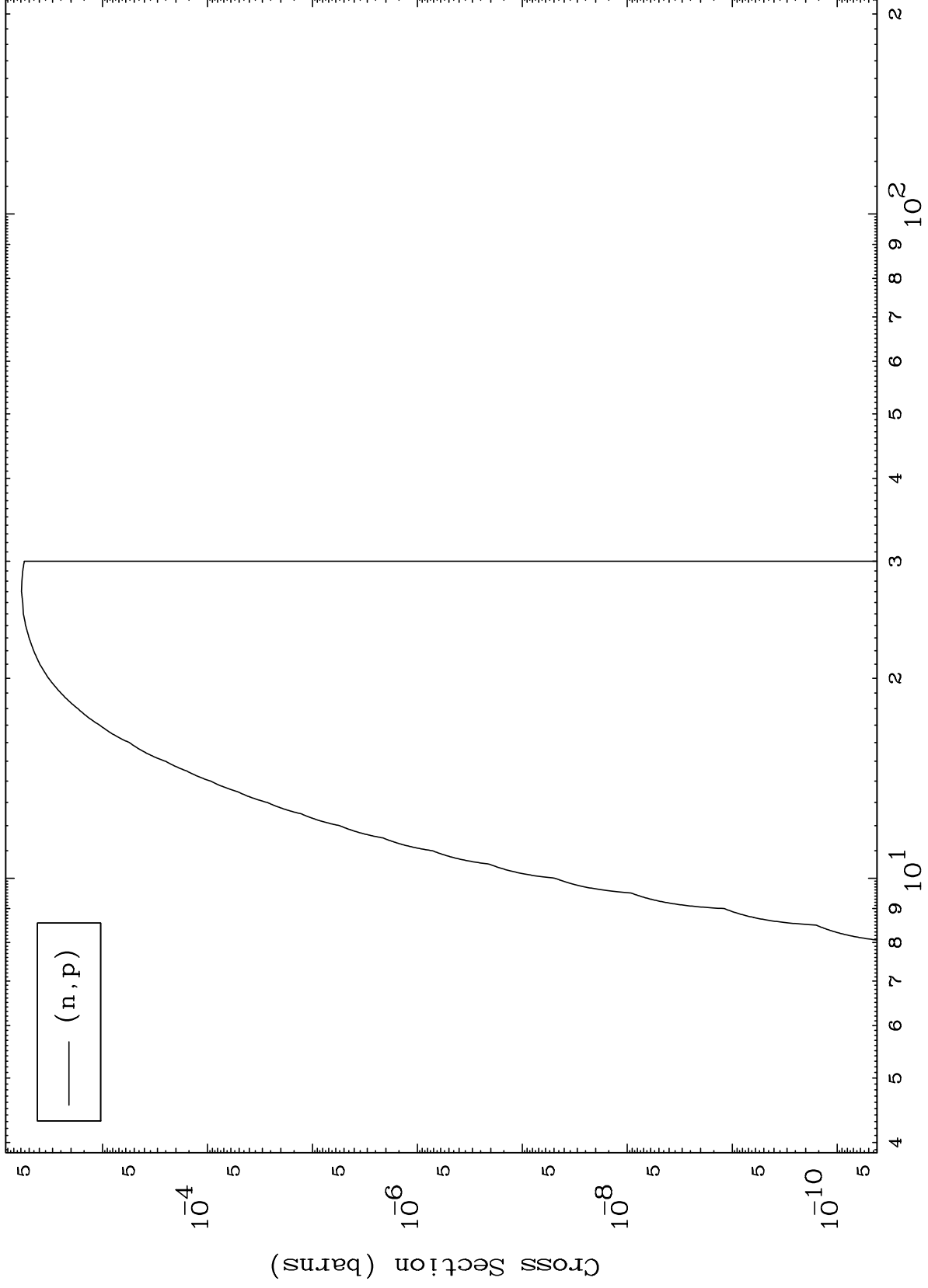
⁷⁹Au-205m

Incident Energy (MeV)

MAT 7950

(n,p) Levels
293 Kelvin Cross Sections

⁷⁹Au-205m



11

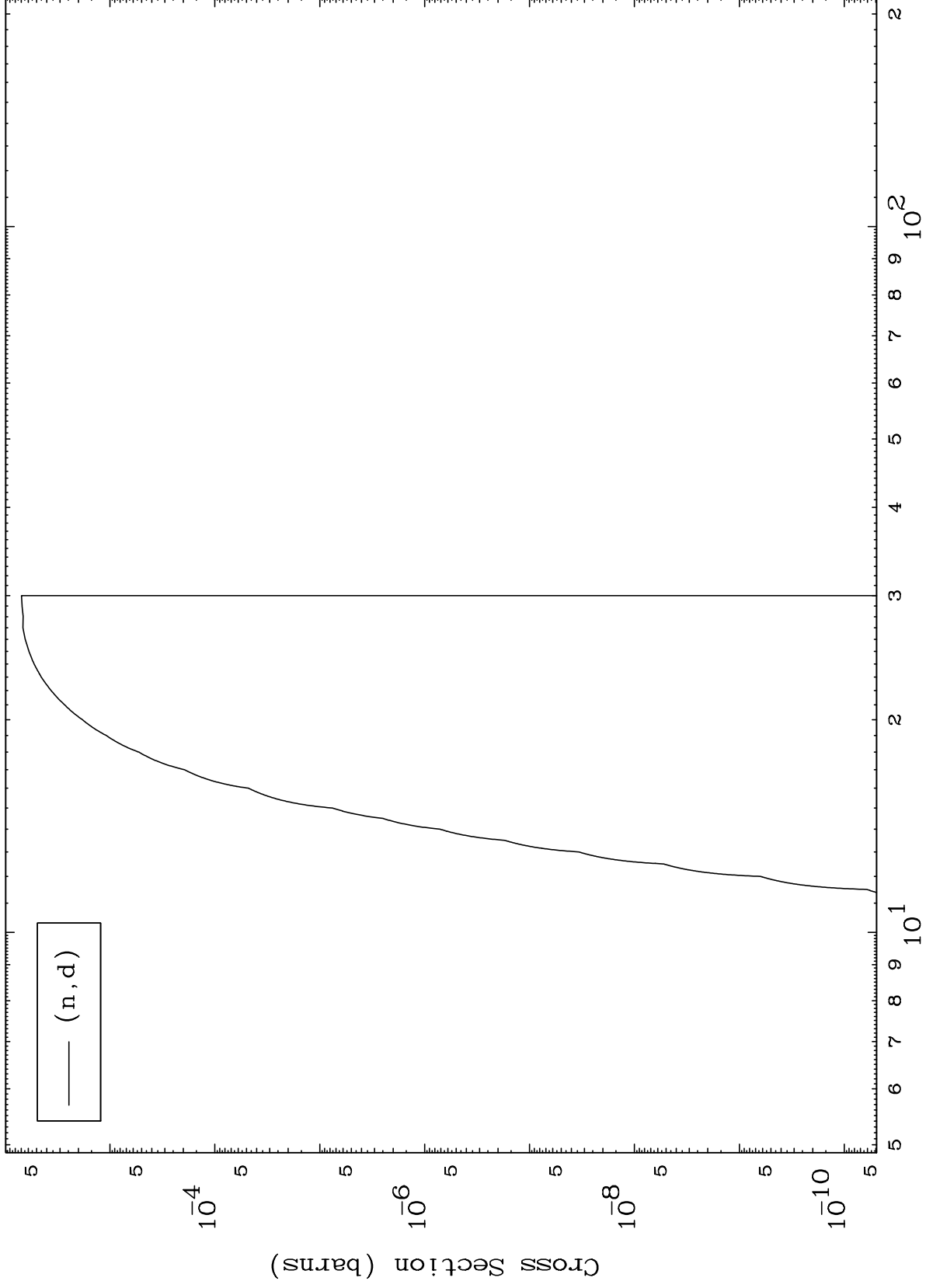
Incident Energy (MeV)

⁷⁹Au-205m

MAT 7950

(n,d) Levels
293 Kelvin Cross Sections

⁷⁹Au-205m



12

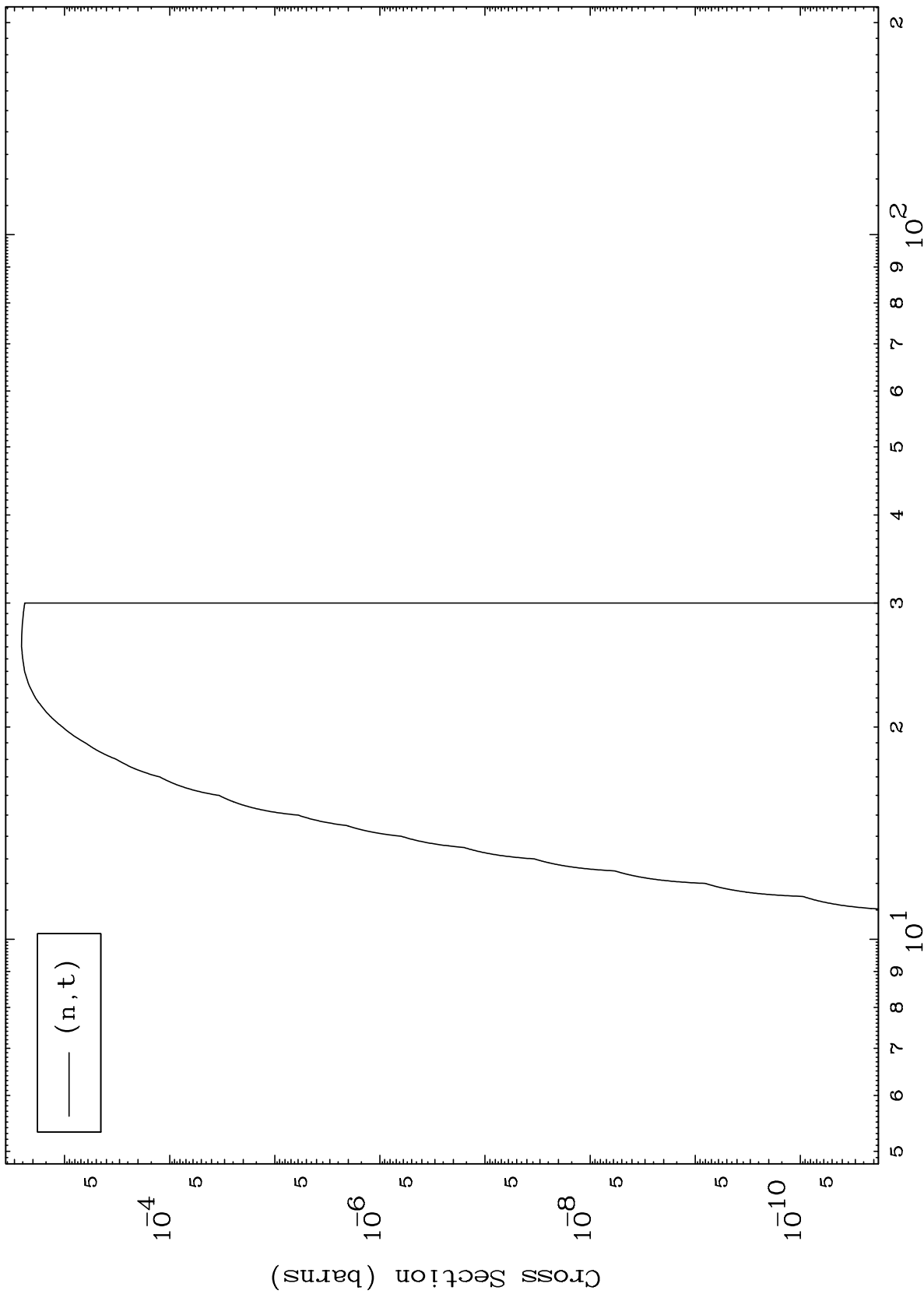
Incident Energy (MeV)

⁷⁹Au-205m

MAT 7950

(n,t) Levels
293 Kelvin Cross Sections

79-Au-205m



13

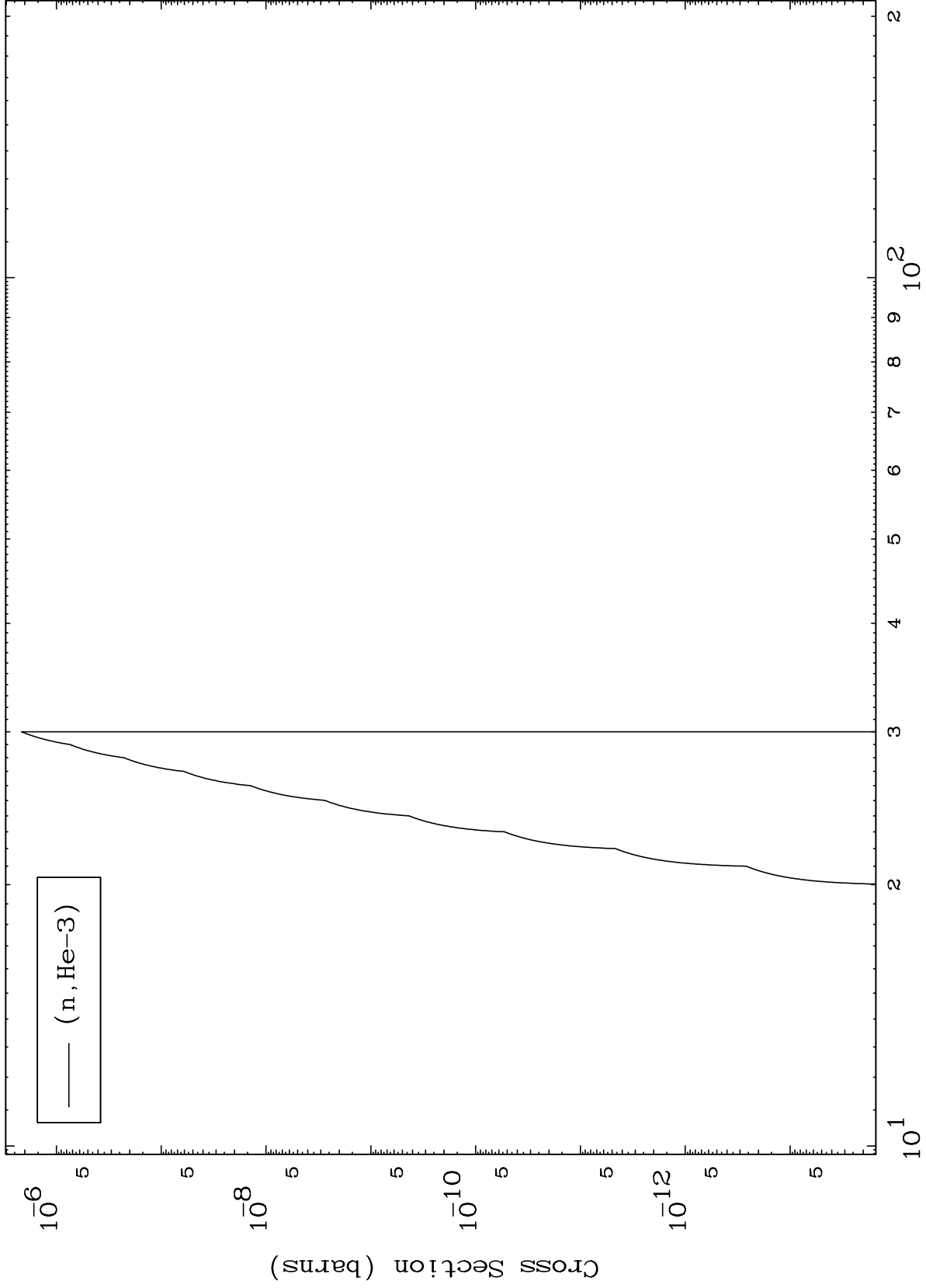
Incident Energy (MeV)

79-Au-205m

MAT 7950

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-205m



14

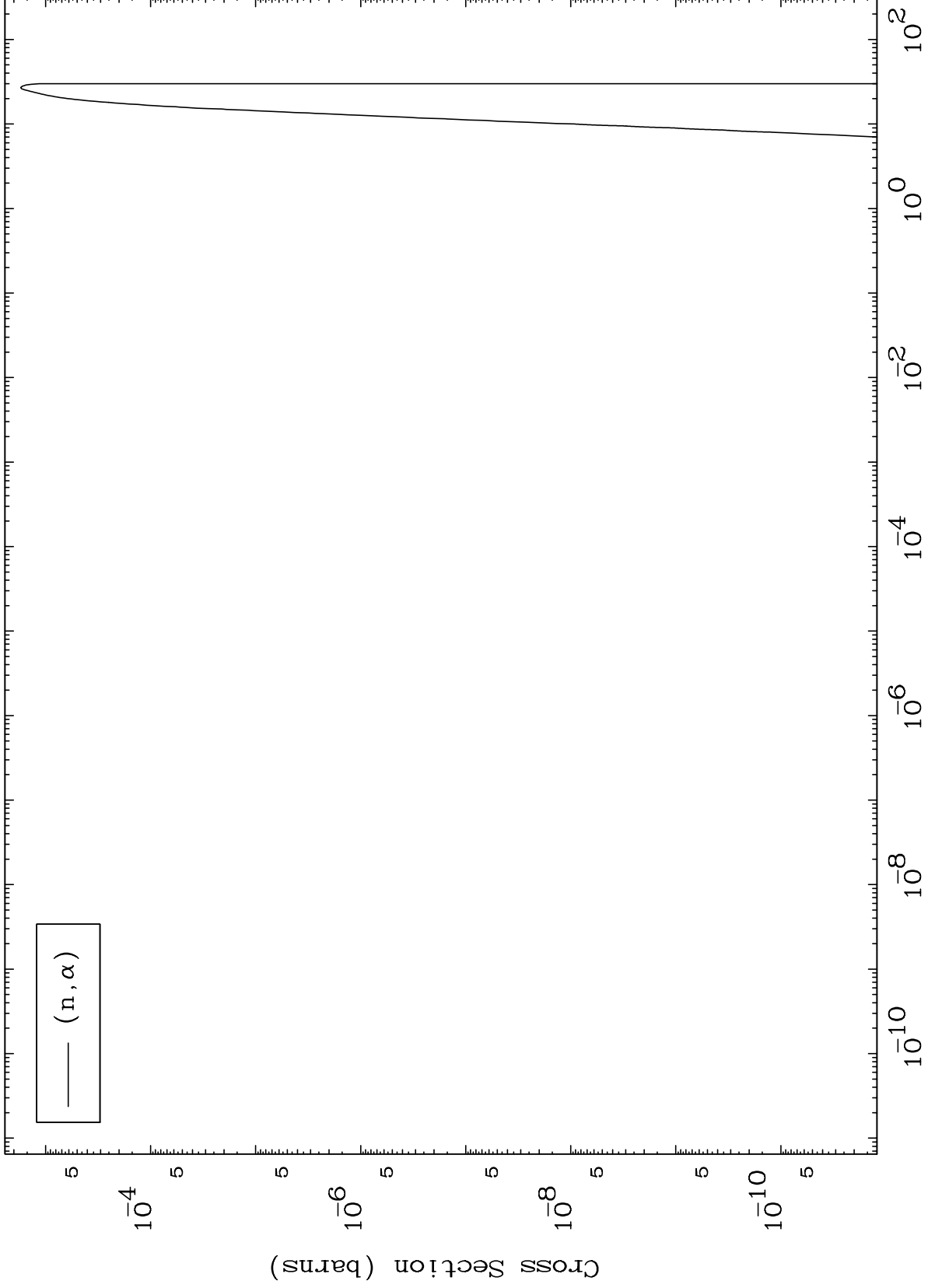
Incident Energy (MeV)

79-Au-205m

MAT 7950

(n, α) Levels
293 Kelvin Cross Sections

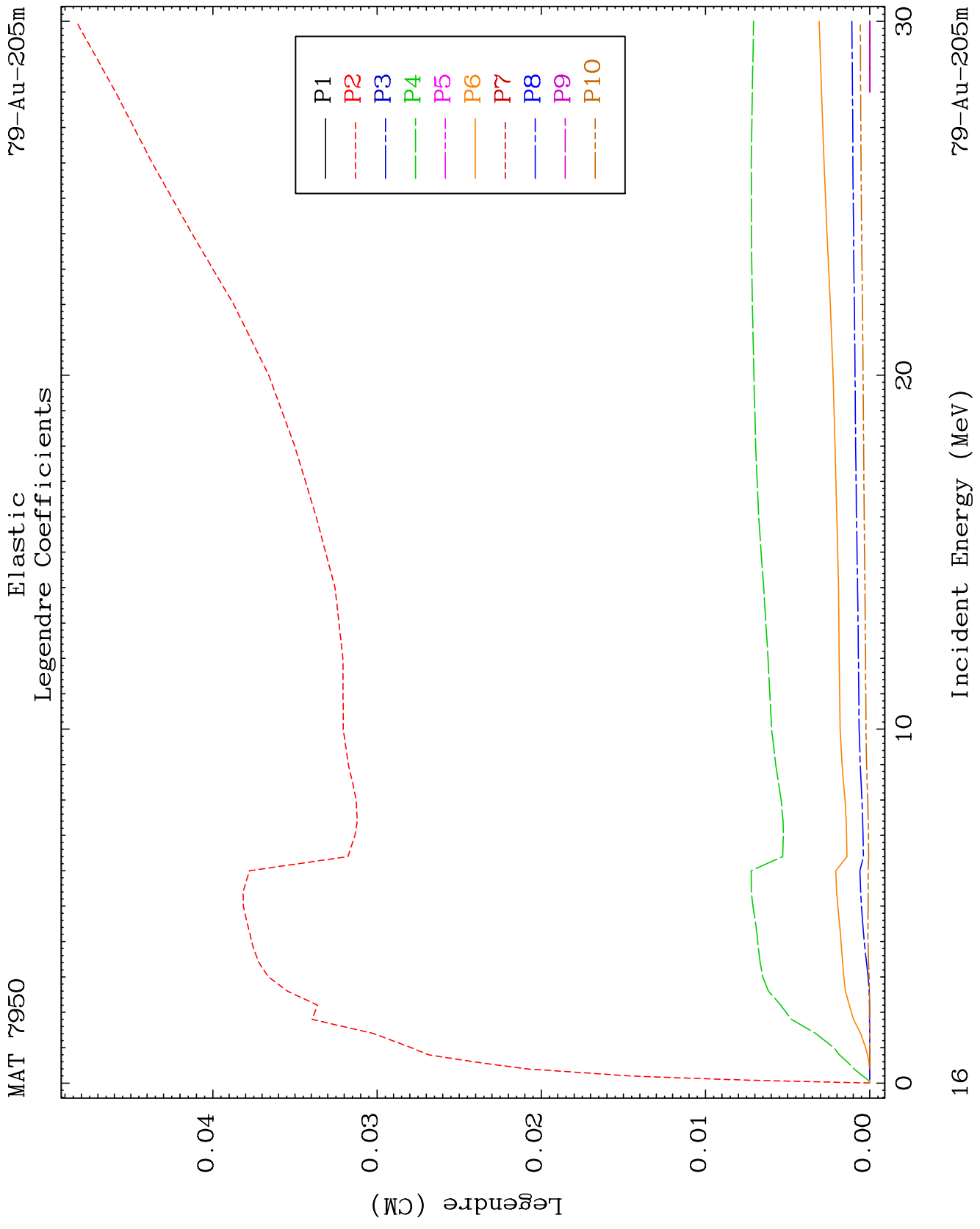
⁷⁹Au-205m



15

Incident Energy (MeV)

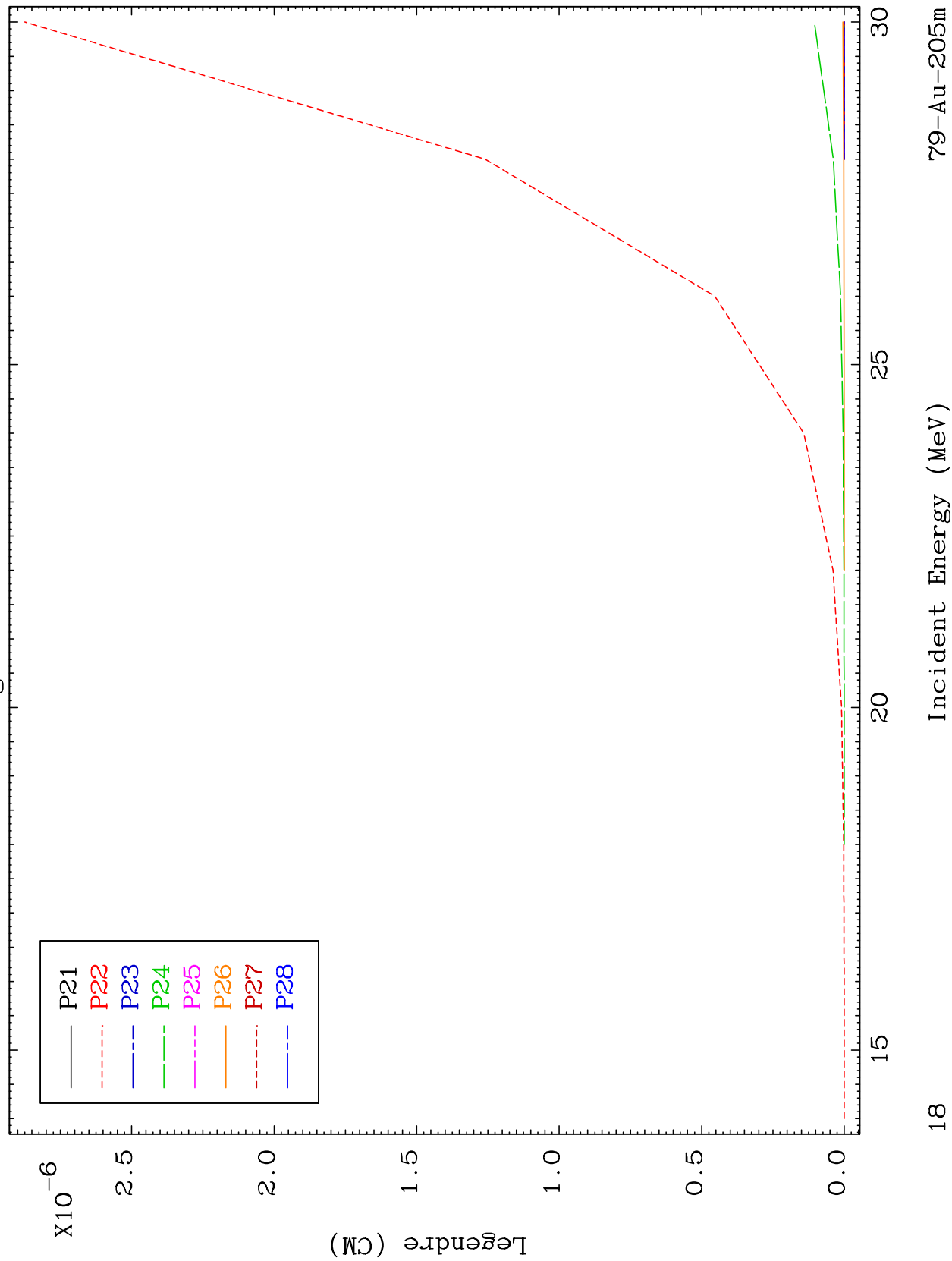
⁷⁹Au-205m



MAT 7950

Elastic
Legendre Coefficients

79-Au-205m



18

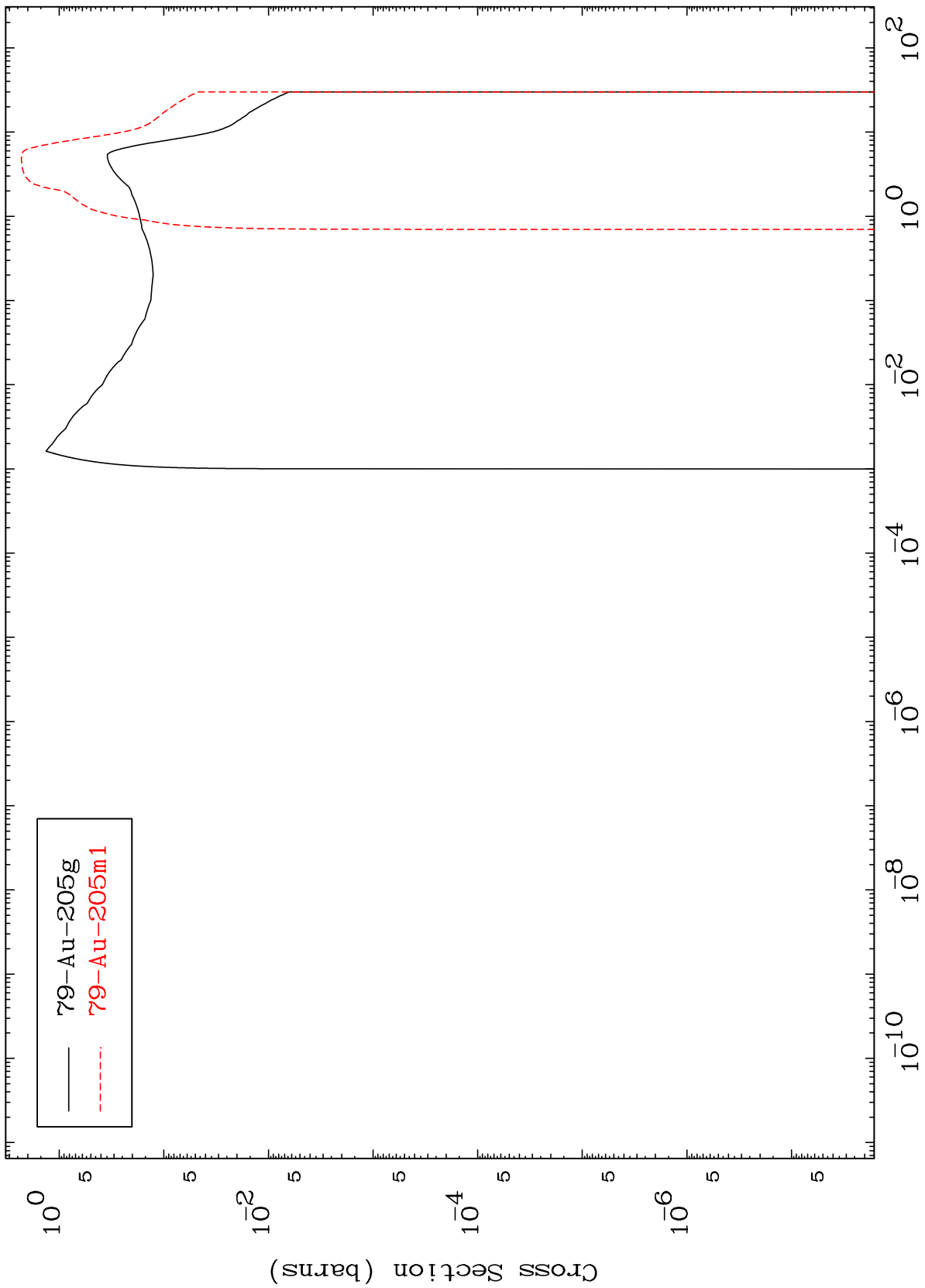
Incident Energy (MeV)

79-Au-205m

MAT 7950

Inelastic
Radionuclide Production Cross Section

⁷⁹Au-205m

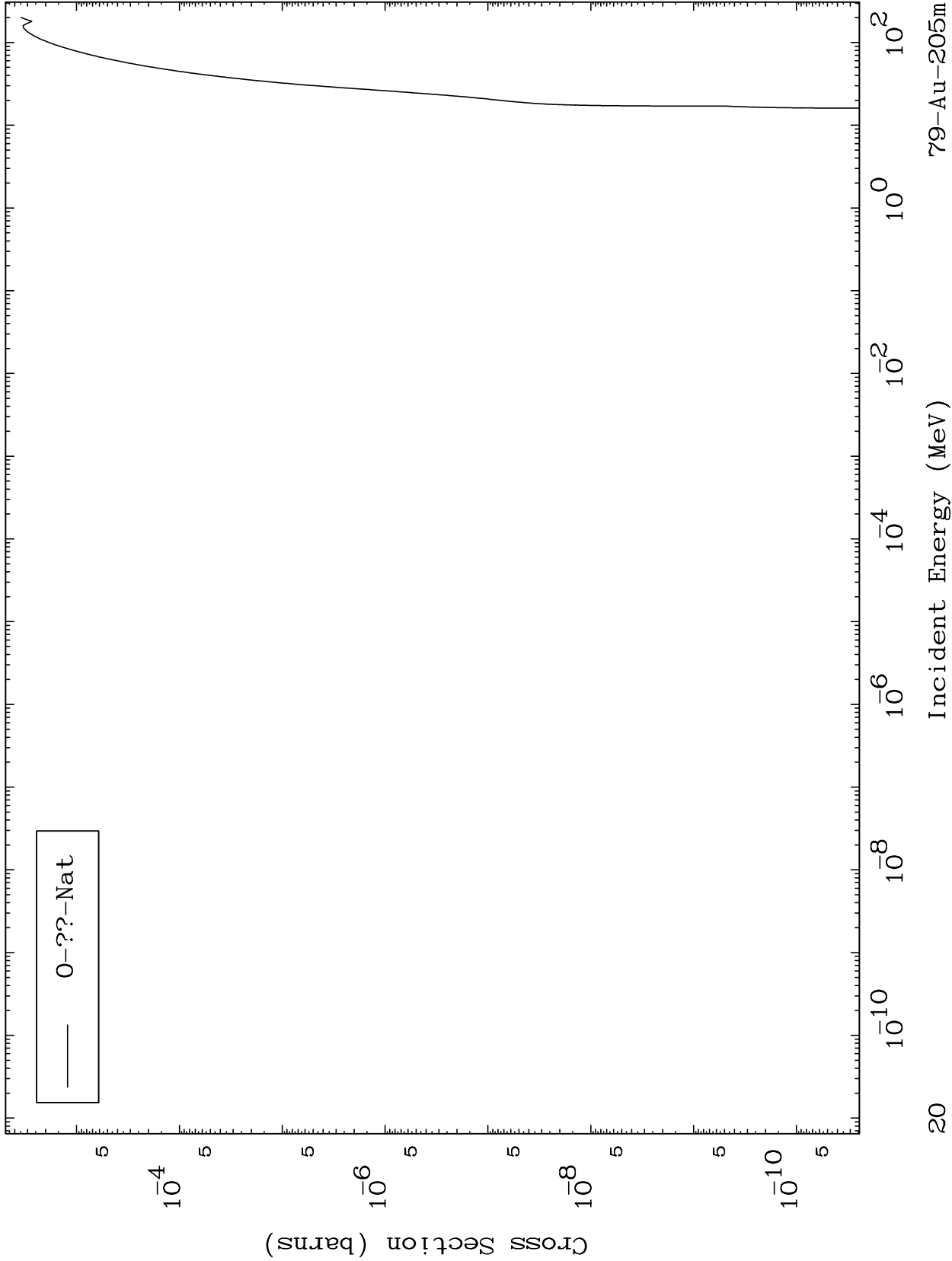


— ⁷⁹Au-205g
- - - ⁷⁹Au-205m1

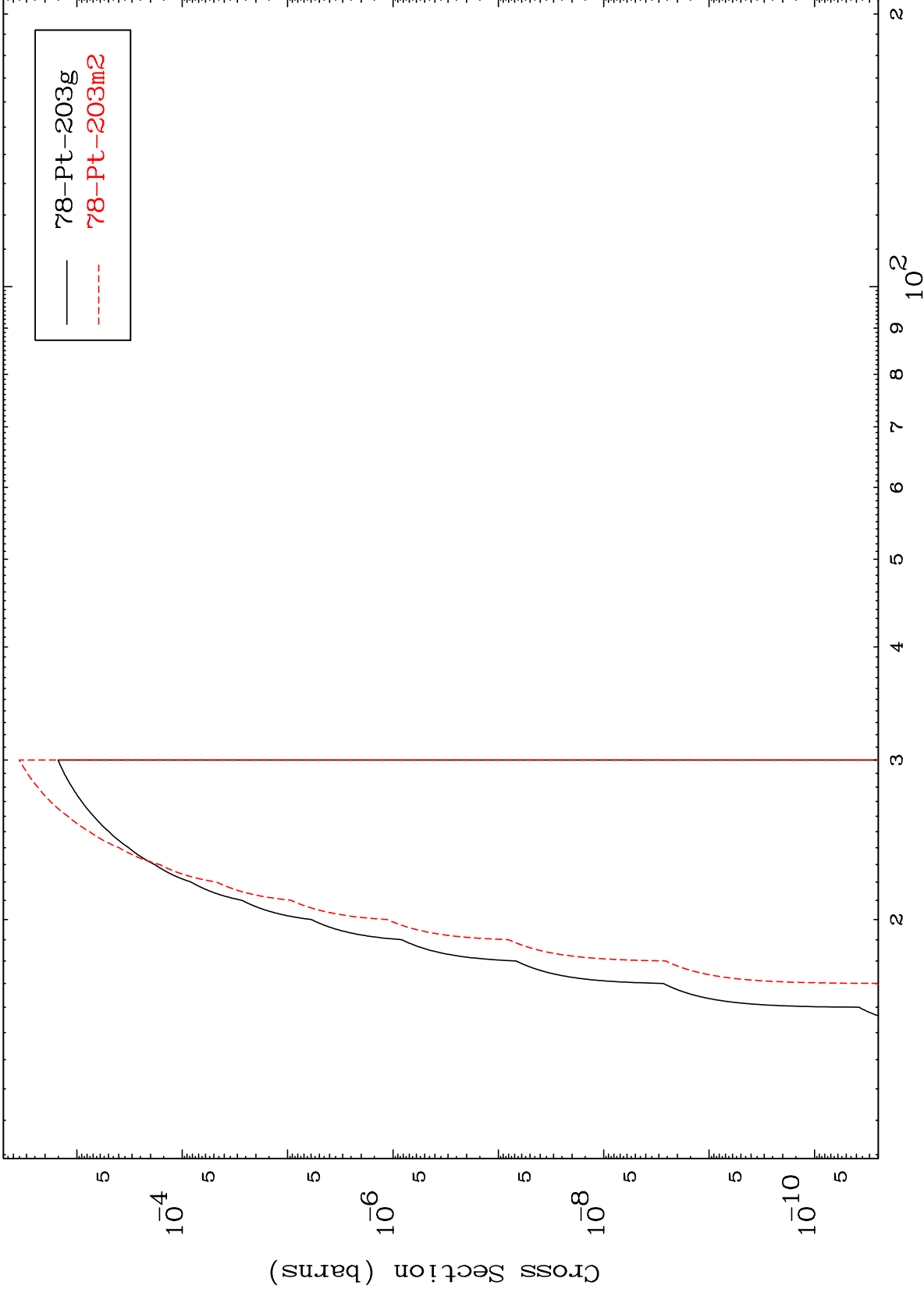
MAT 7950

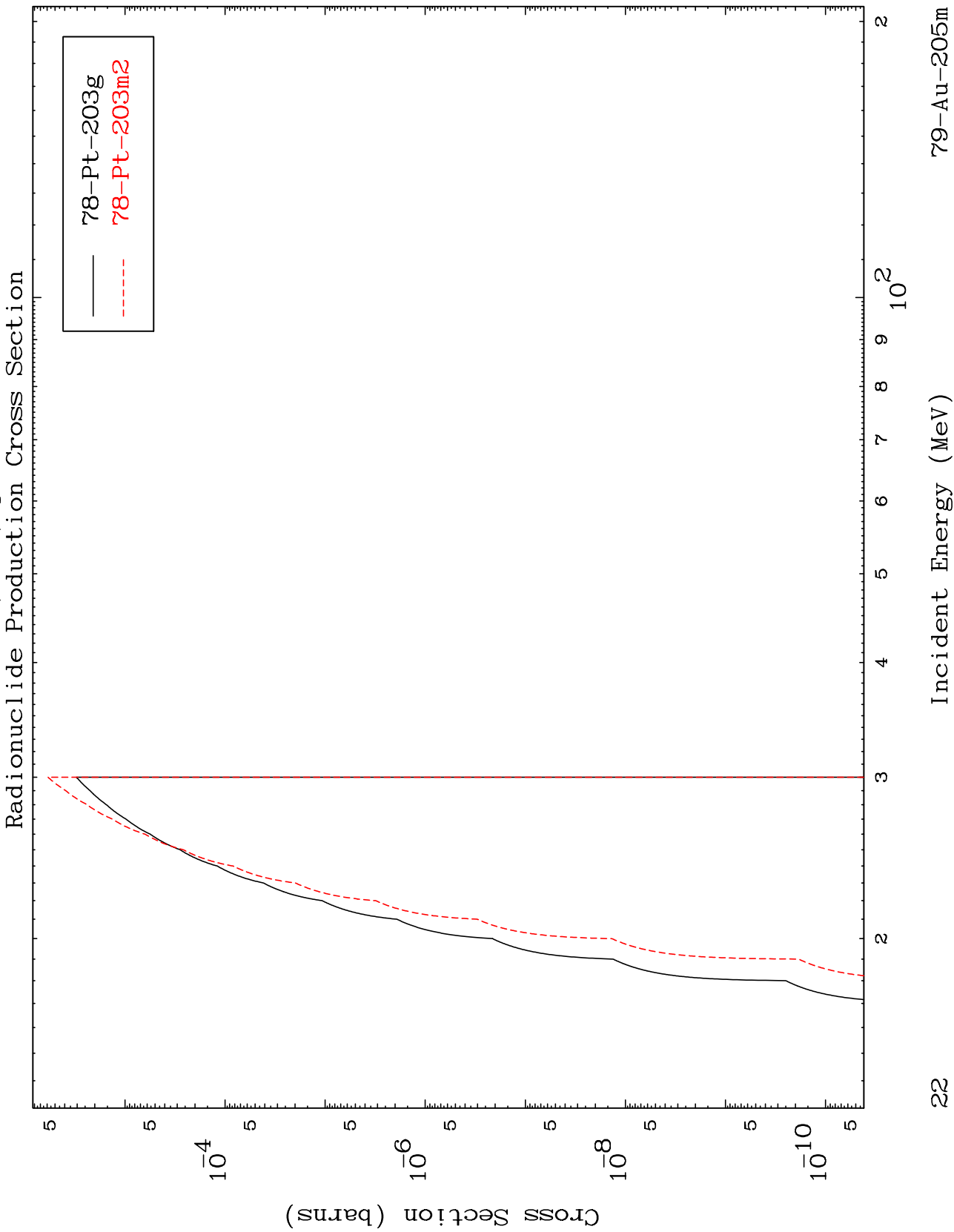
Fission
Radionuclide Production Cross Section

⁷⁹Au-205m



Radionuclide Production Cross Section

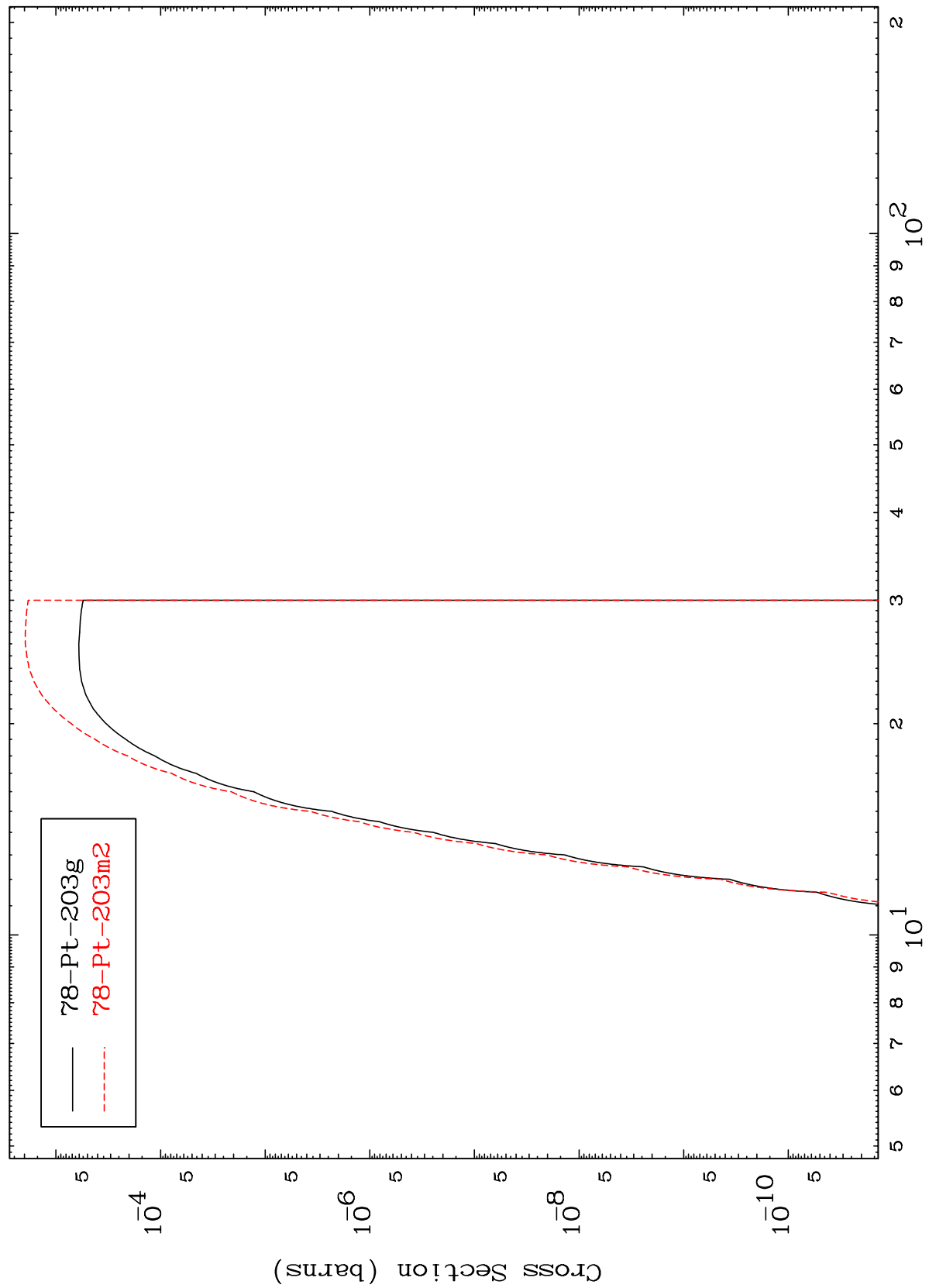




MAT 7950

79-Au-205m

(n, t)
Radionuclide Production Cross Section



79-Au-205m

Incident Energy (MeV)

23