

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

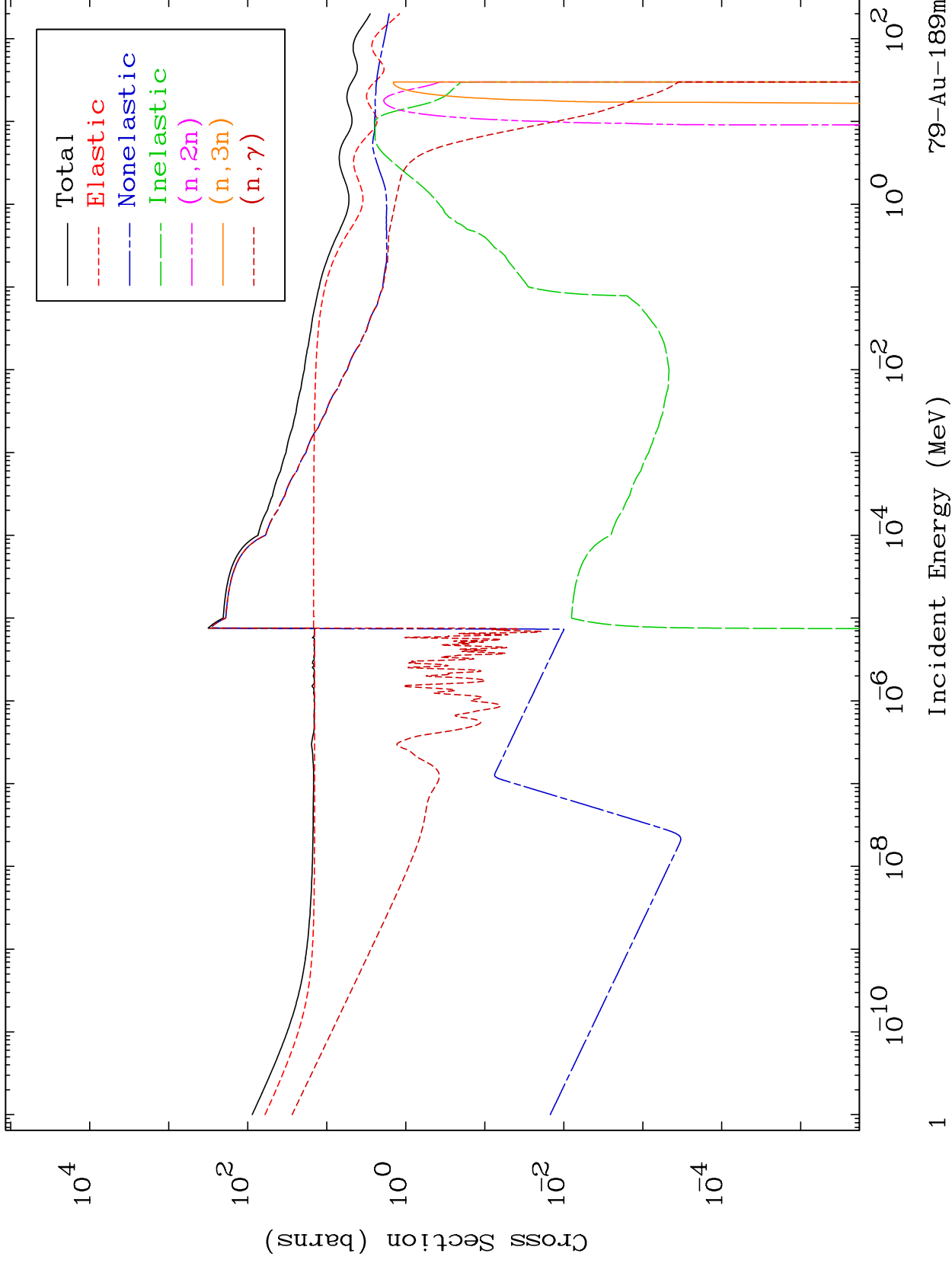
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7902

Neutron Major
293 Kelvin Cross Sections

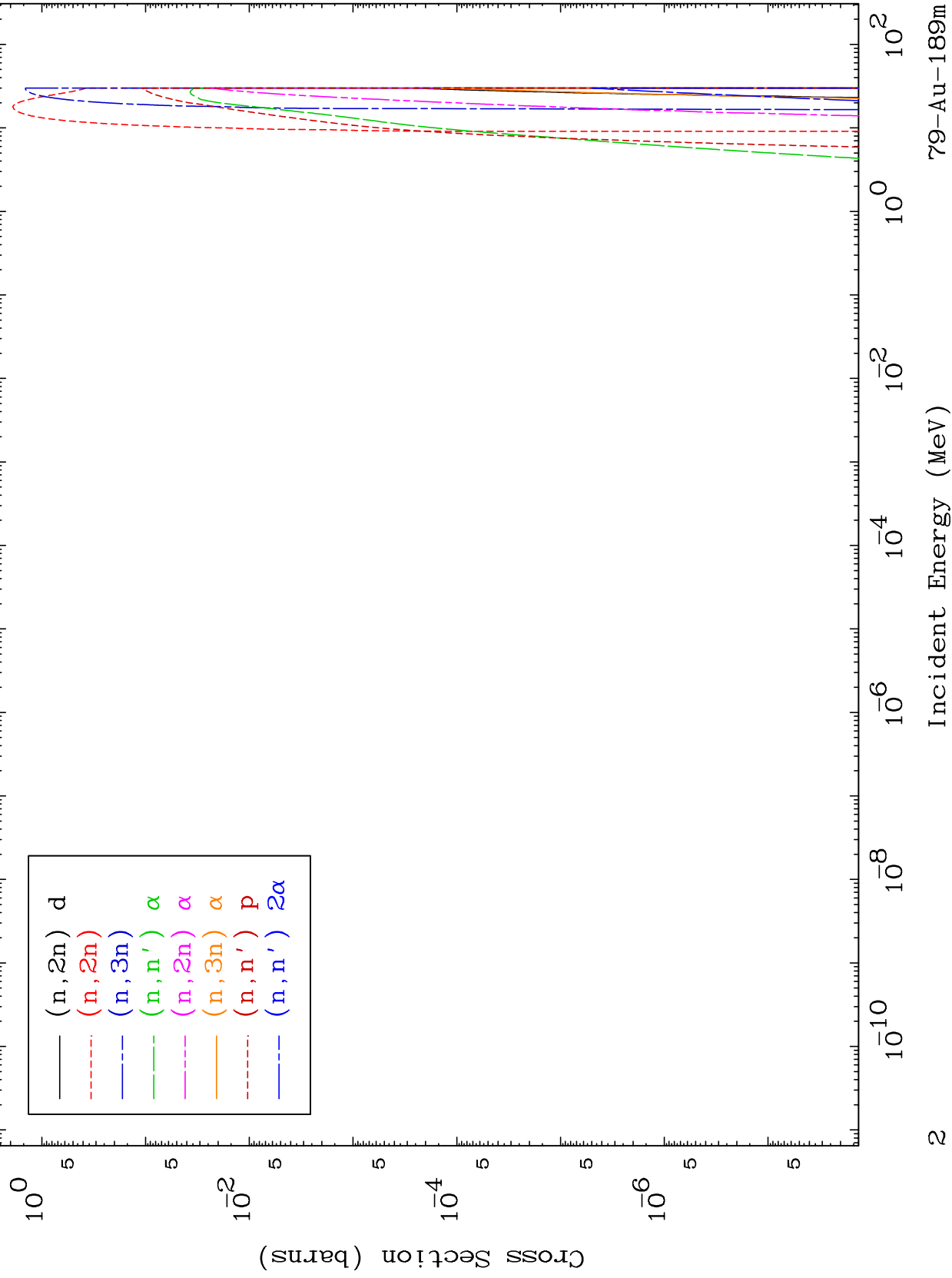
⁷⁹Au-189m



MAT 7902

Neutron Absorption
293 Kelvin Cross Sections

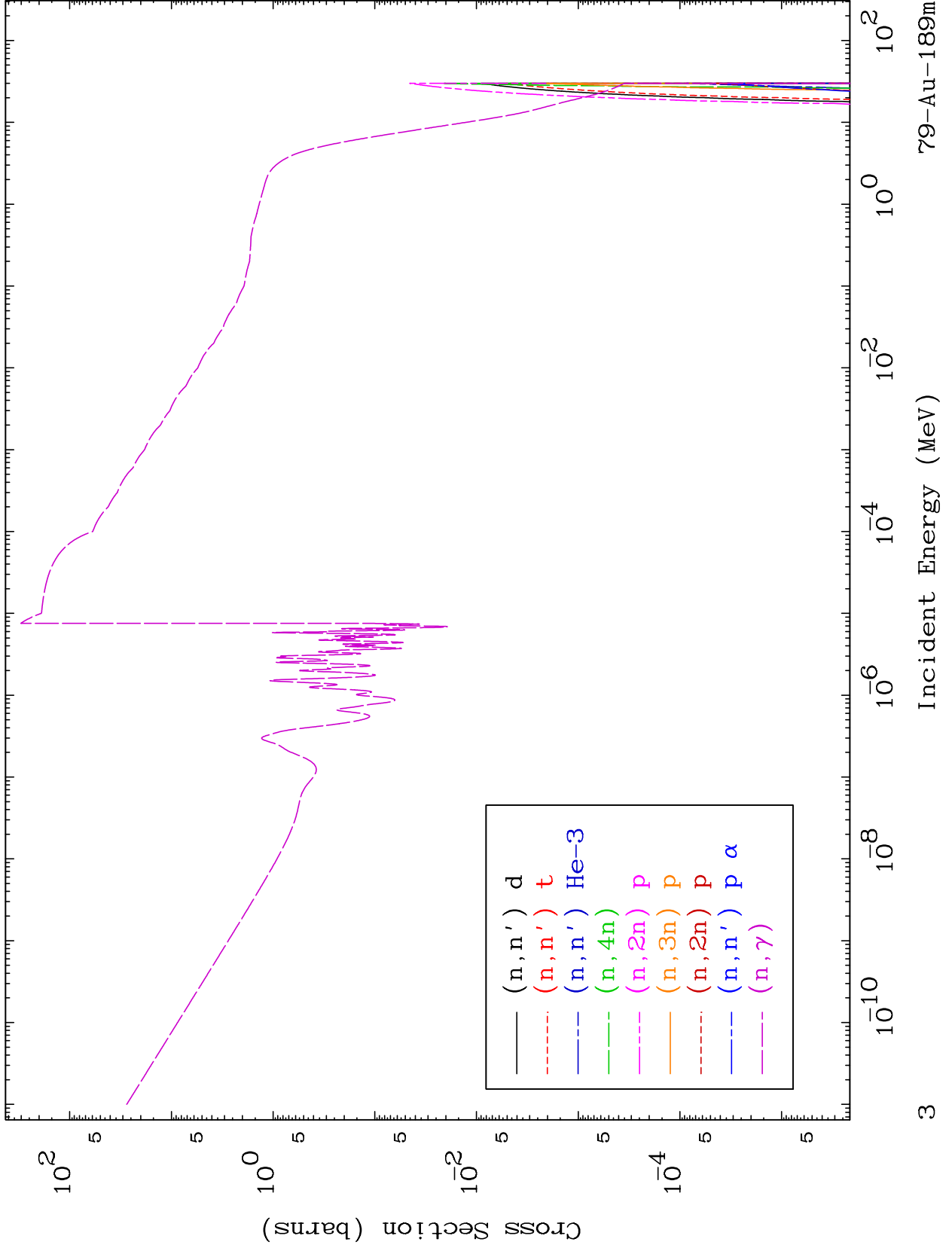
⁷⁹Au-189m



MAT 7902

Neutron Absorption
293 Kelvin Cross Sections

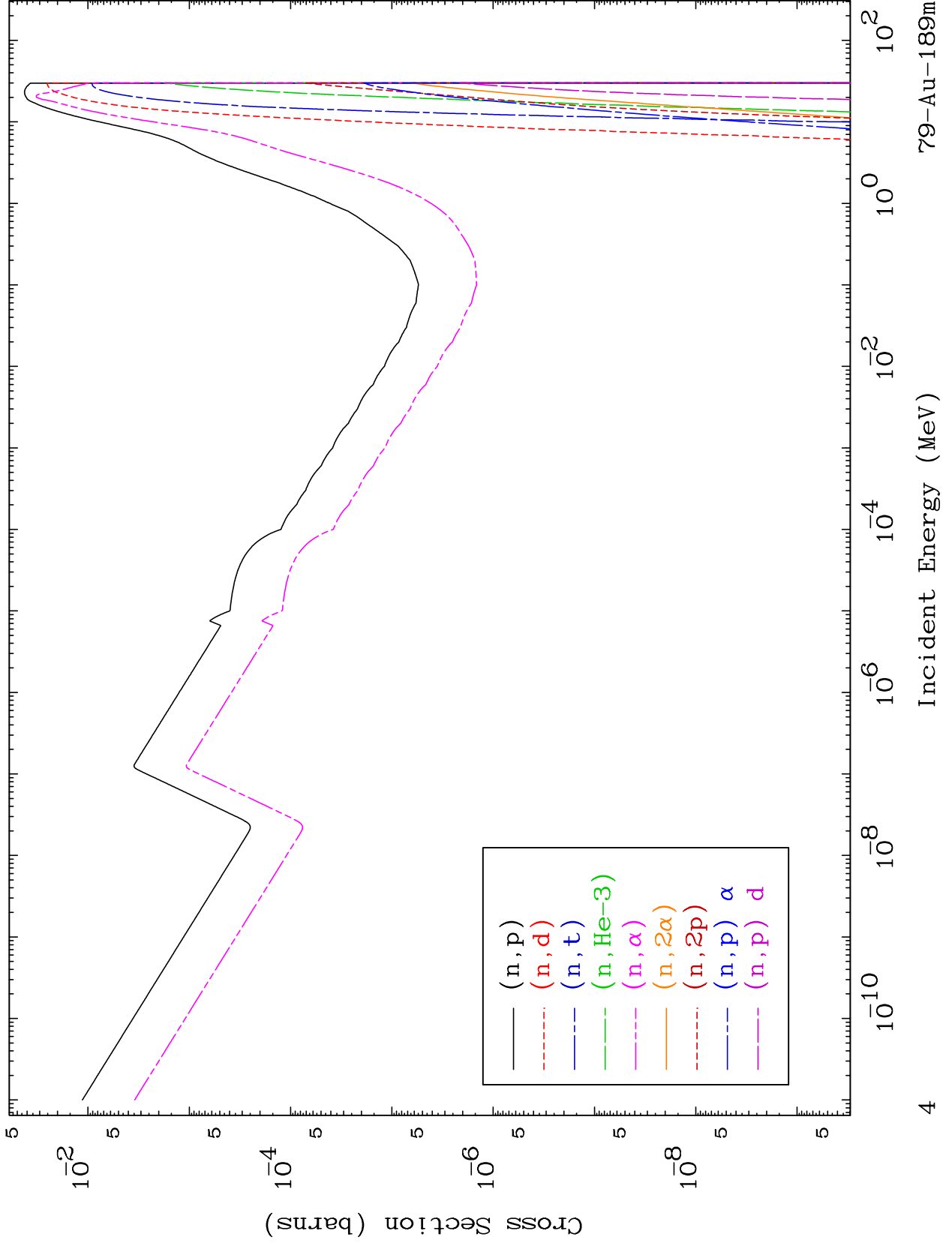
⁷⁹Au-189m

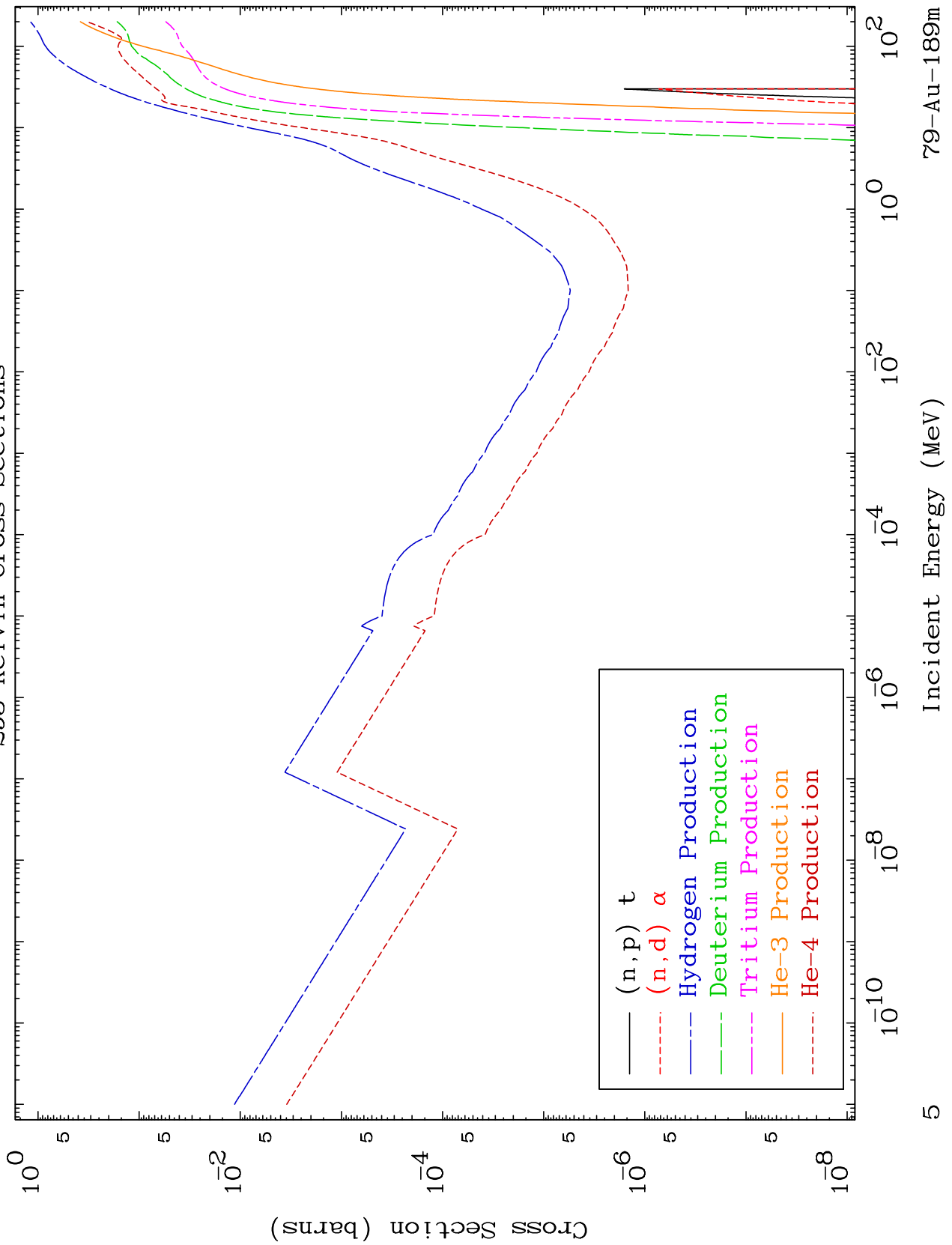


MAT 7902

Neutron Absorption
293 Kelvin Cross Sections

79-Au-189m

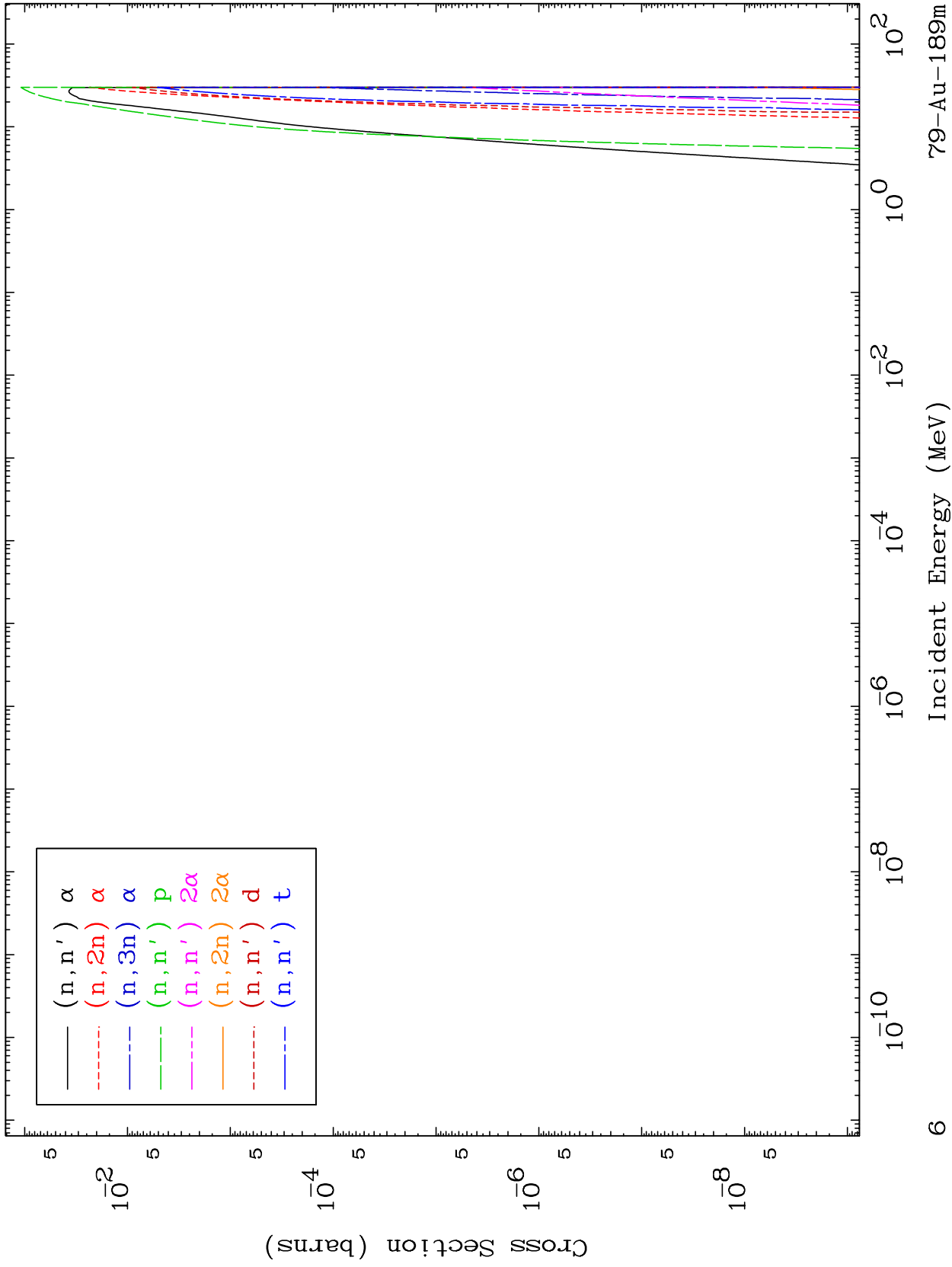




MAT 7902

Charged Particle
293 Kelvin Cross Sections

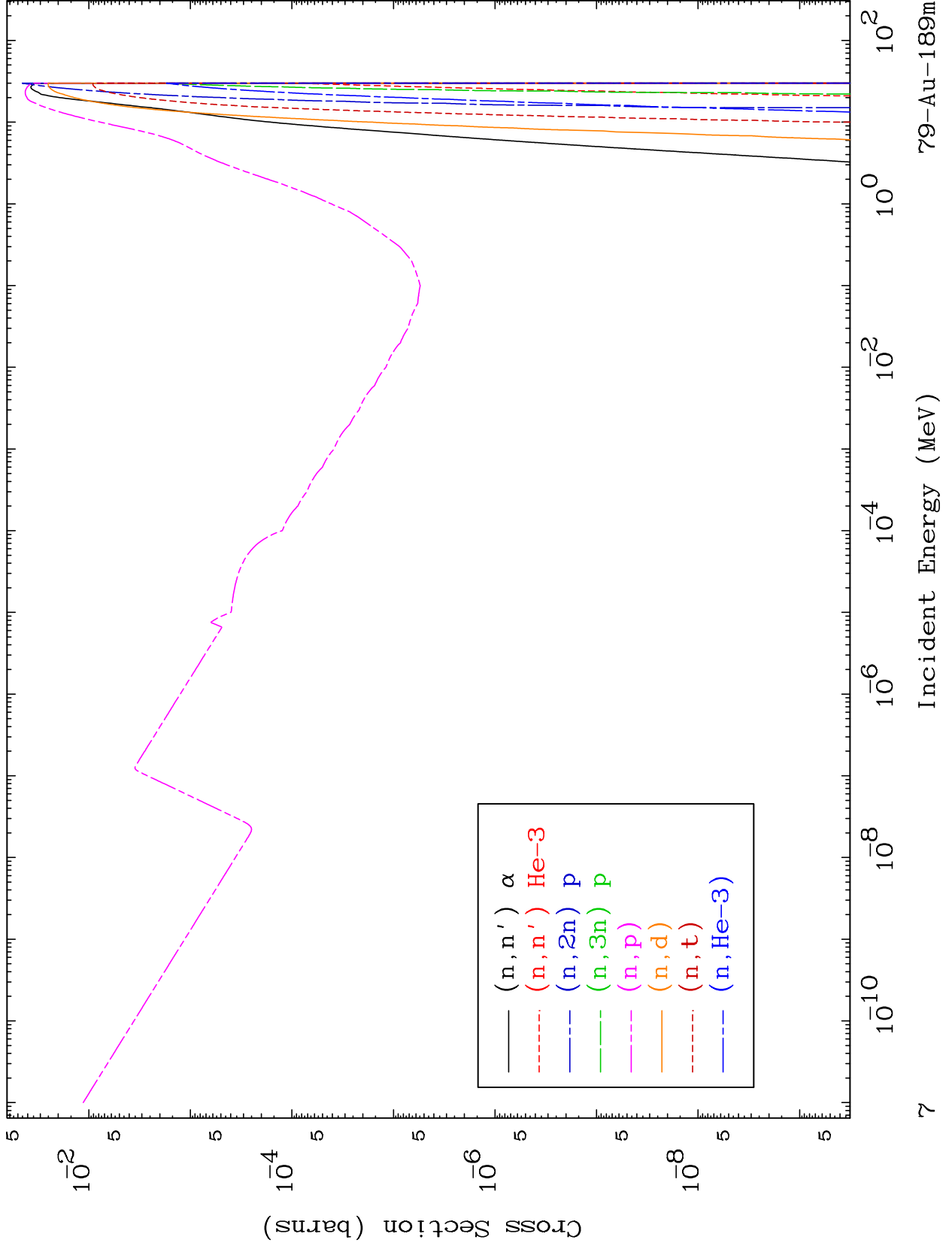
⁷⁹Au-189m



MAT 7902

Charged Particle
293 Kelvin Cross Sections

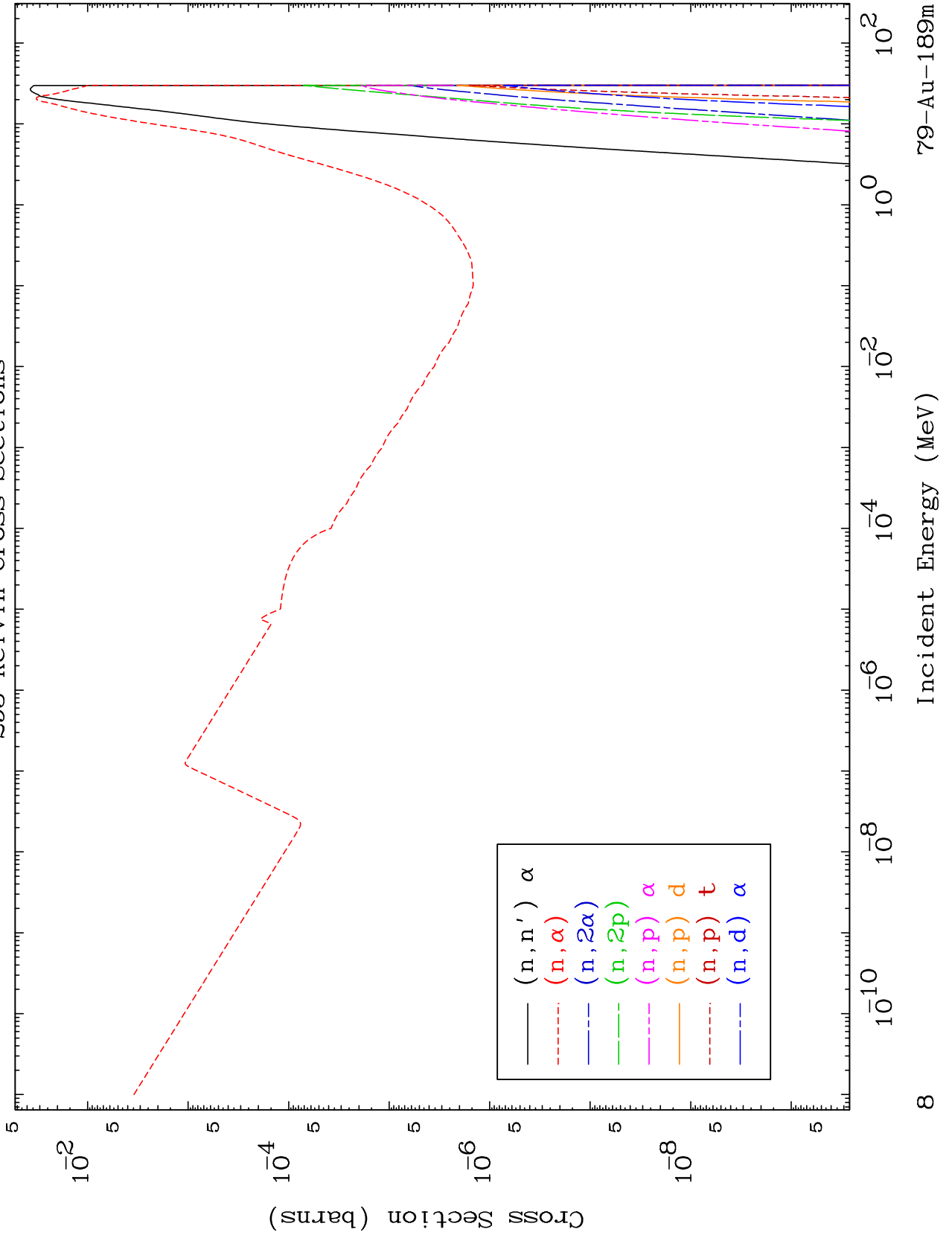
79-Au-189m



MAT 7902

Charged Particle
293 Kelvin Cross Sections

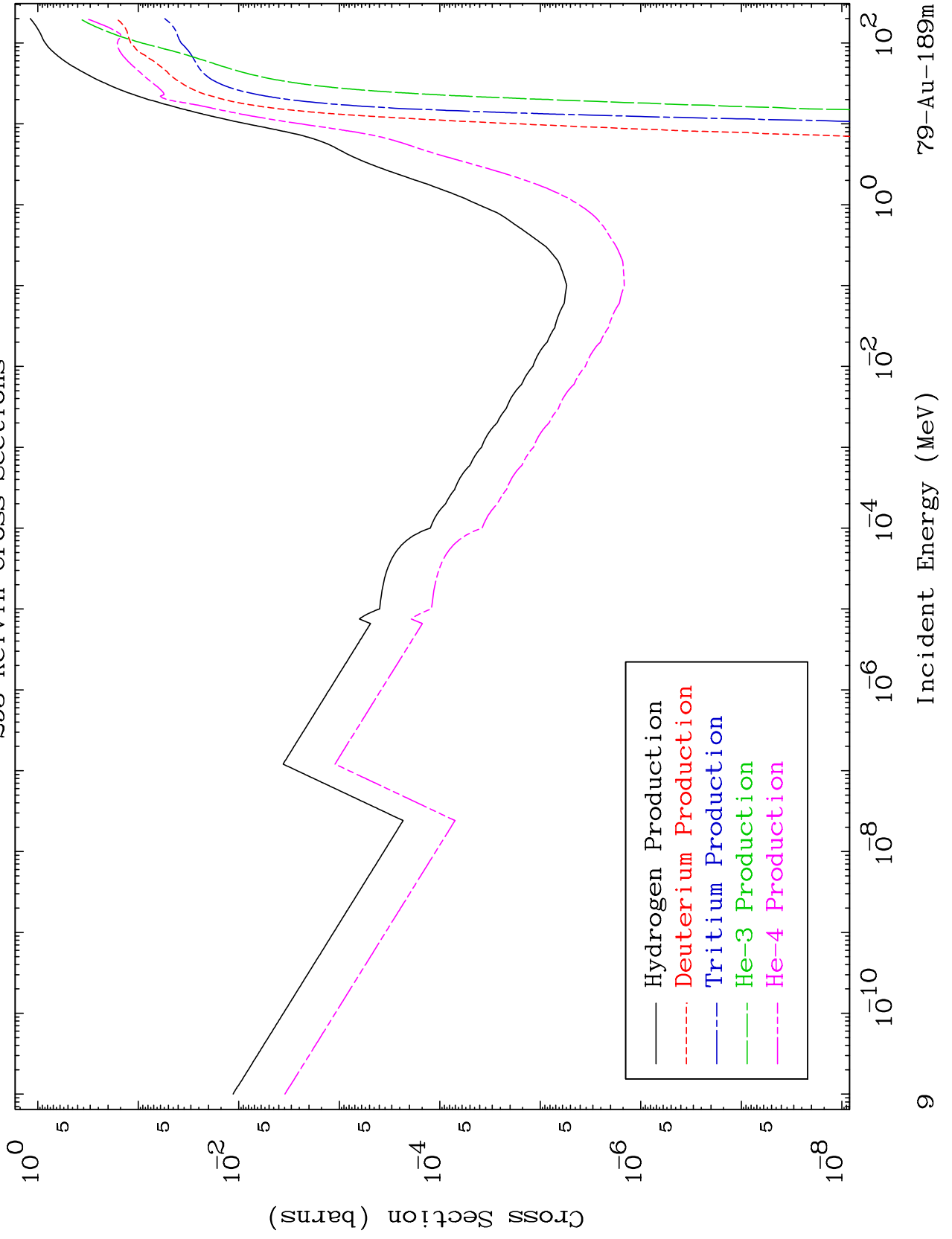
⁷⁹Au-189m



MAT 7902

Particle Production
293 Kelvin Cross Sections

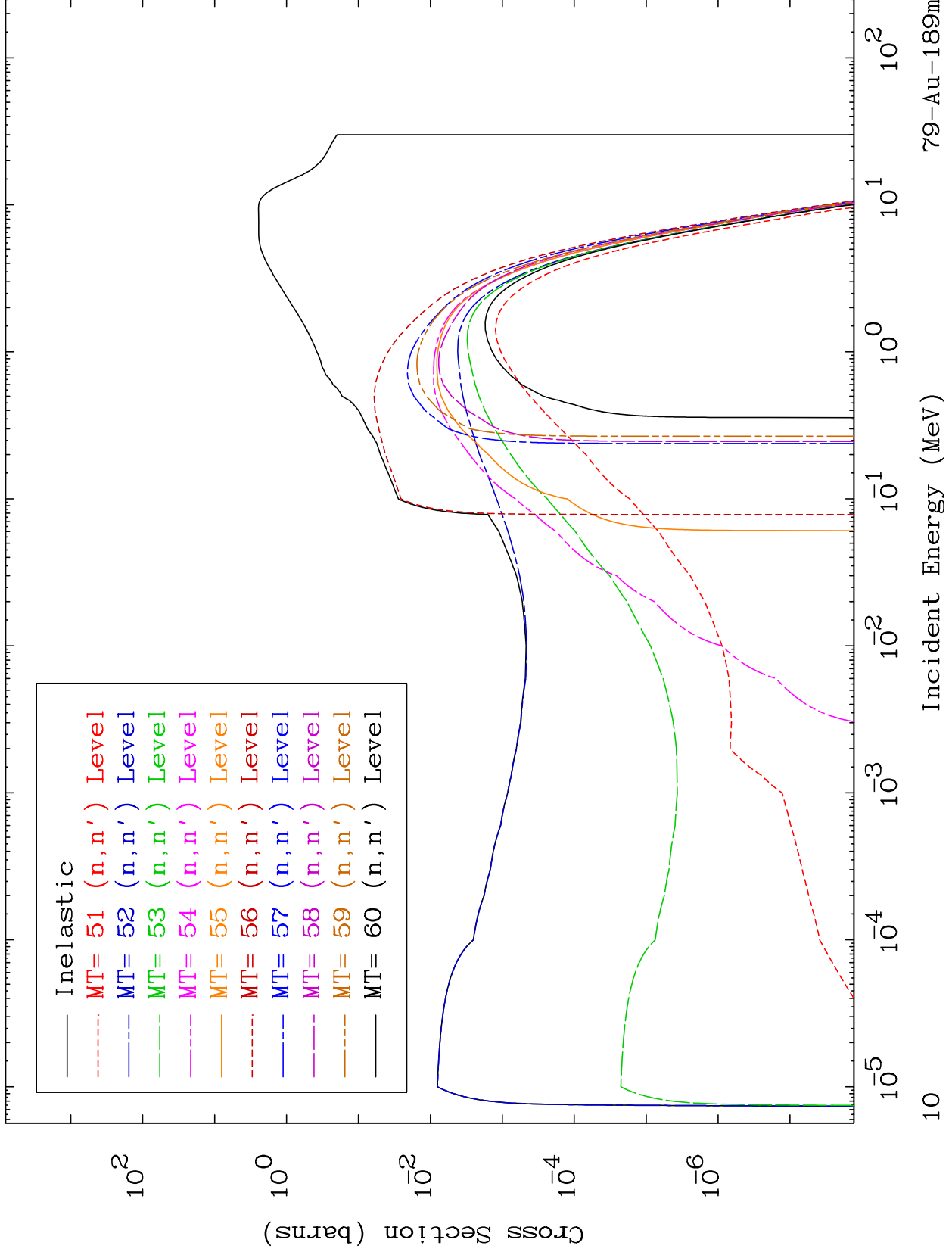
79-Au-189m



MAT 7902

(n,n') Levels
293 Kelvin Cross Sections

⁷⁹Au-189m

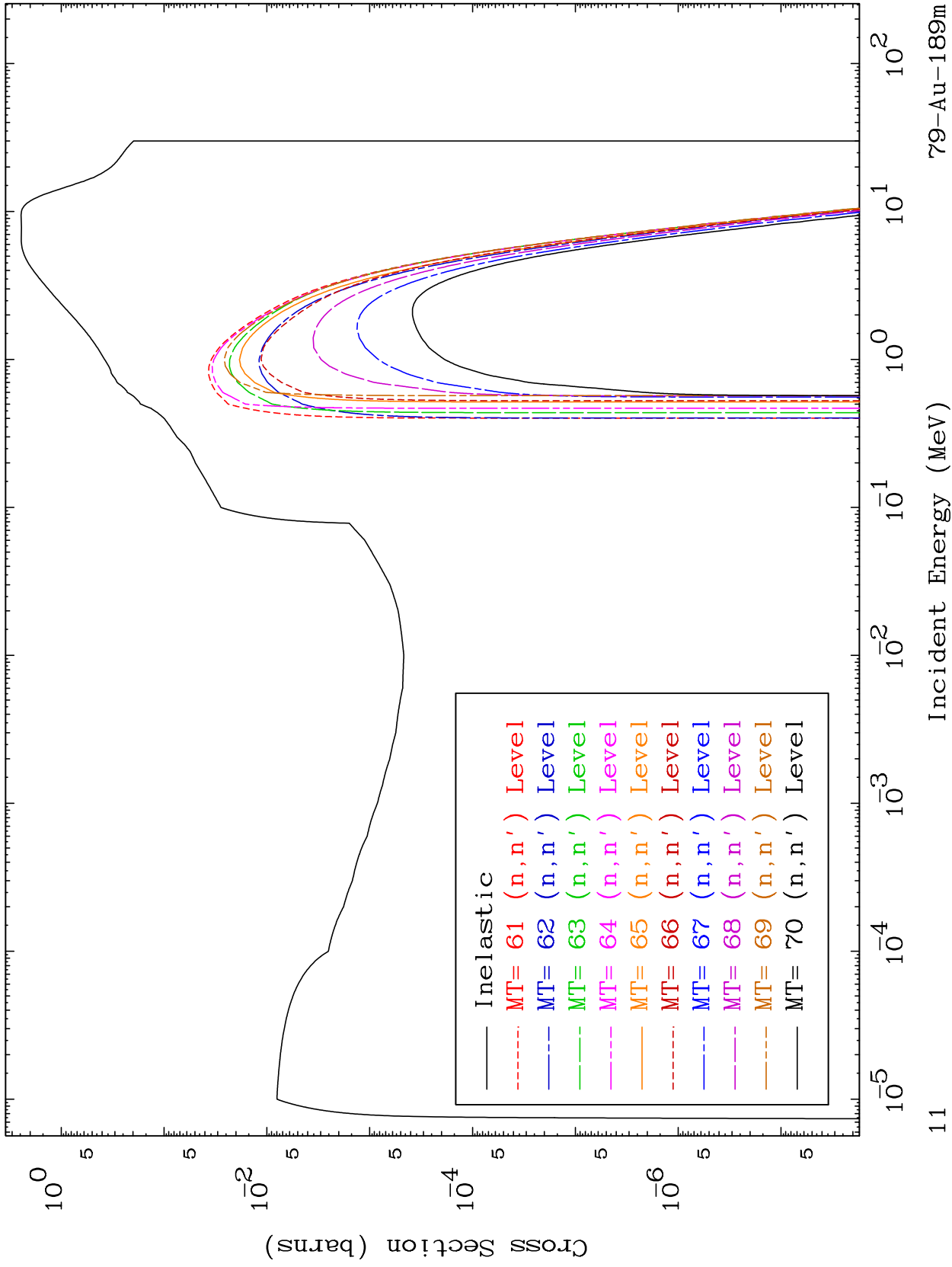


⁷⁹Au-189m

MAT 7902

(n,n') Levels
293 Kelvin Cross Sections

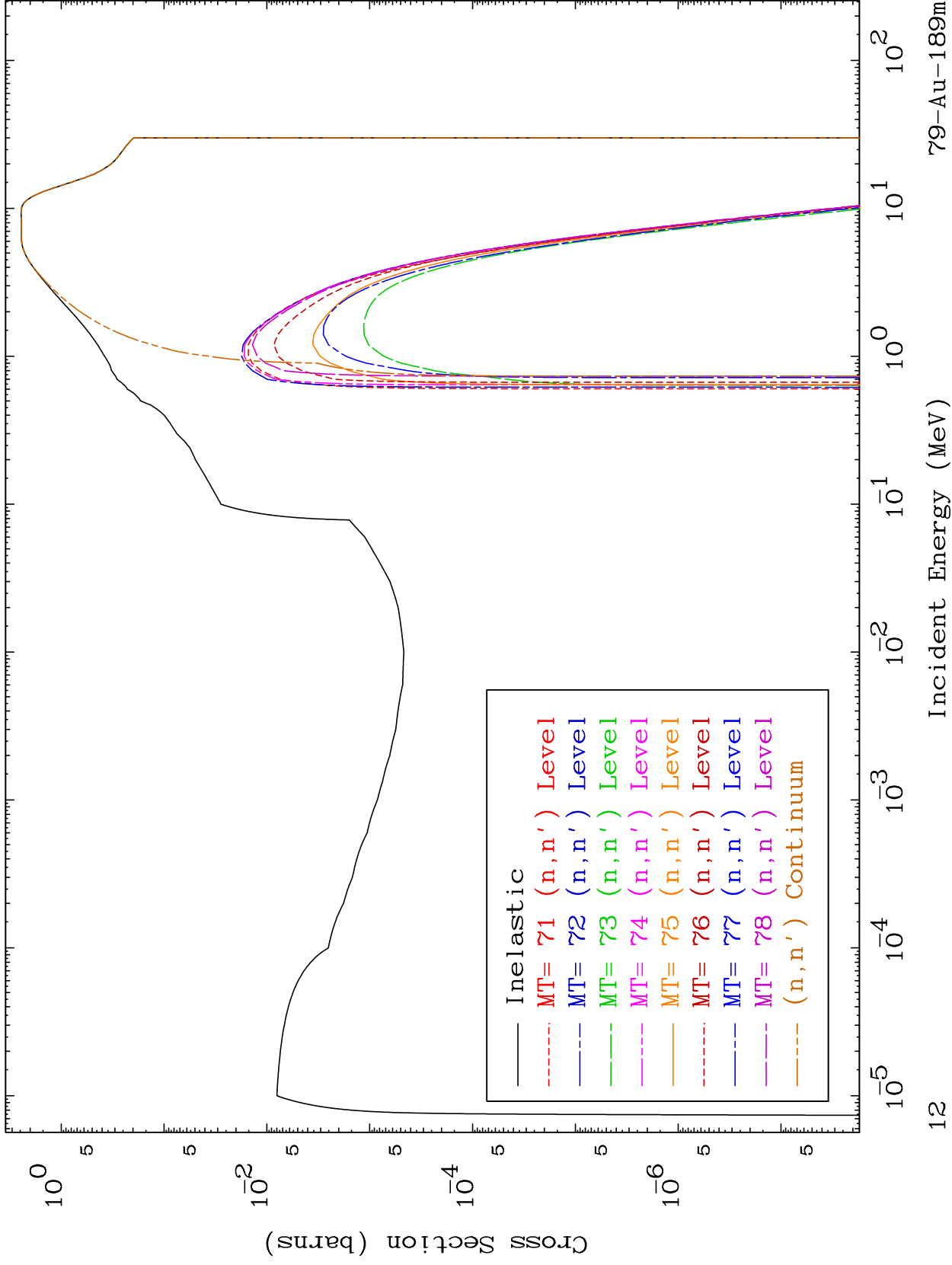
⁷⁹Au-189m



MAT 7902

(n,n') Levels
293 Kelvin Cross Sections

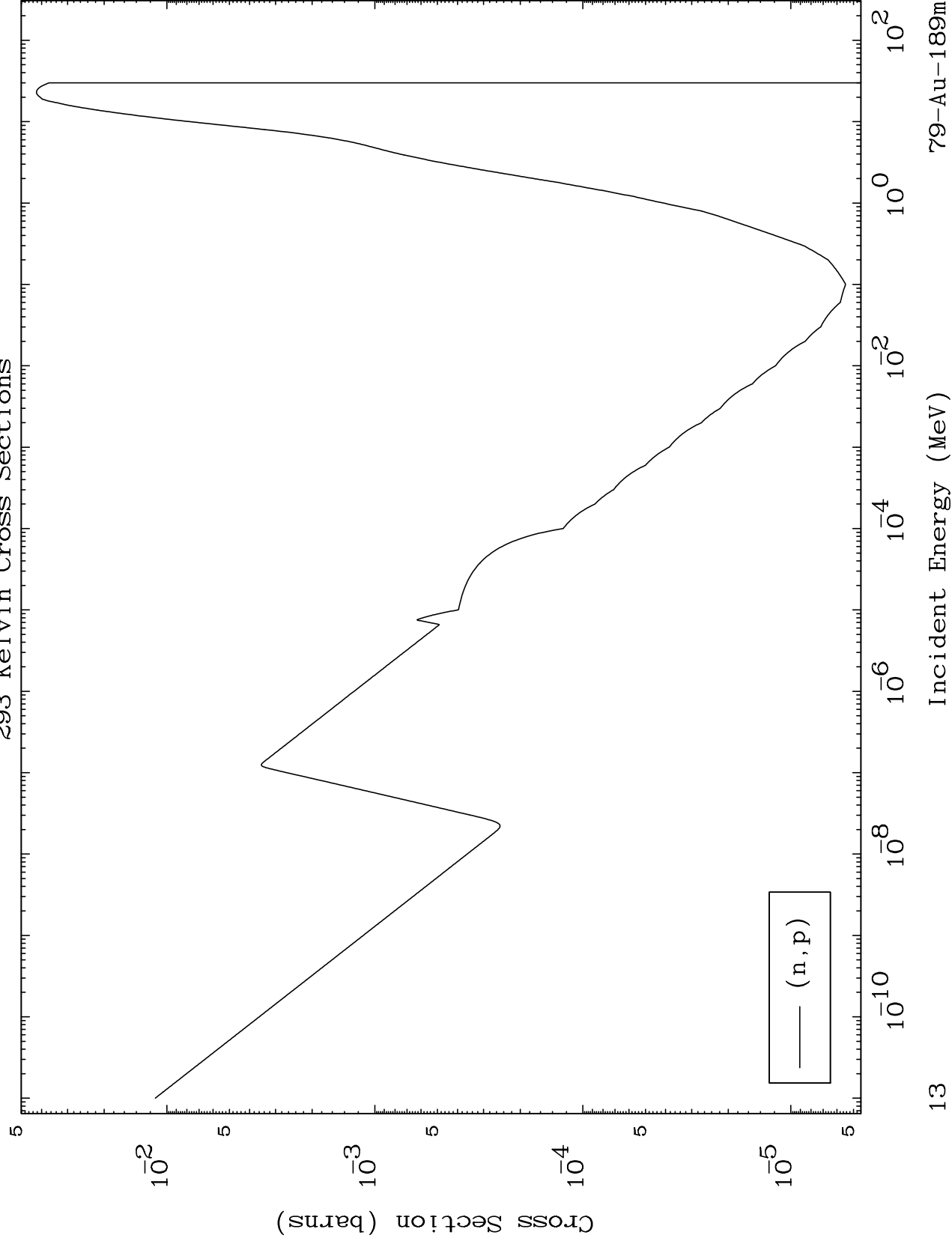
⁷⁹Au-189m



MAT 7902

(n,p) Levels
293 Kelvin Cross Sections

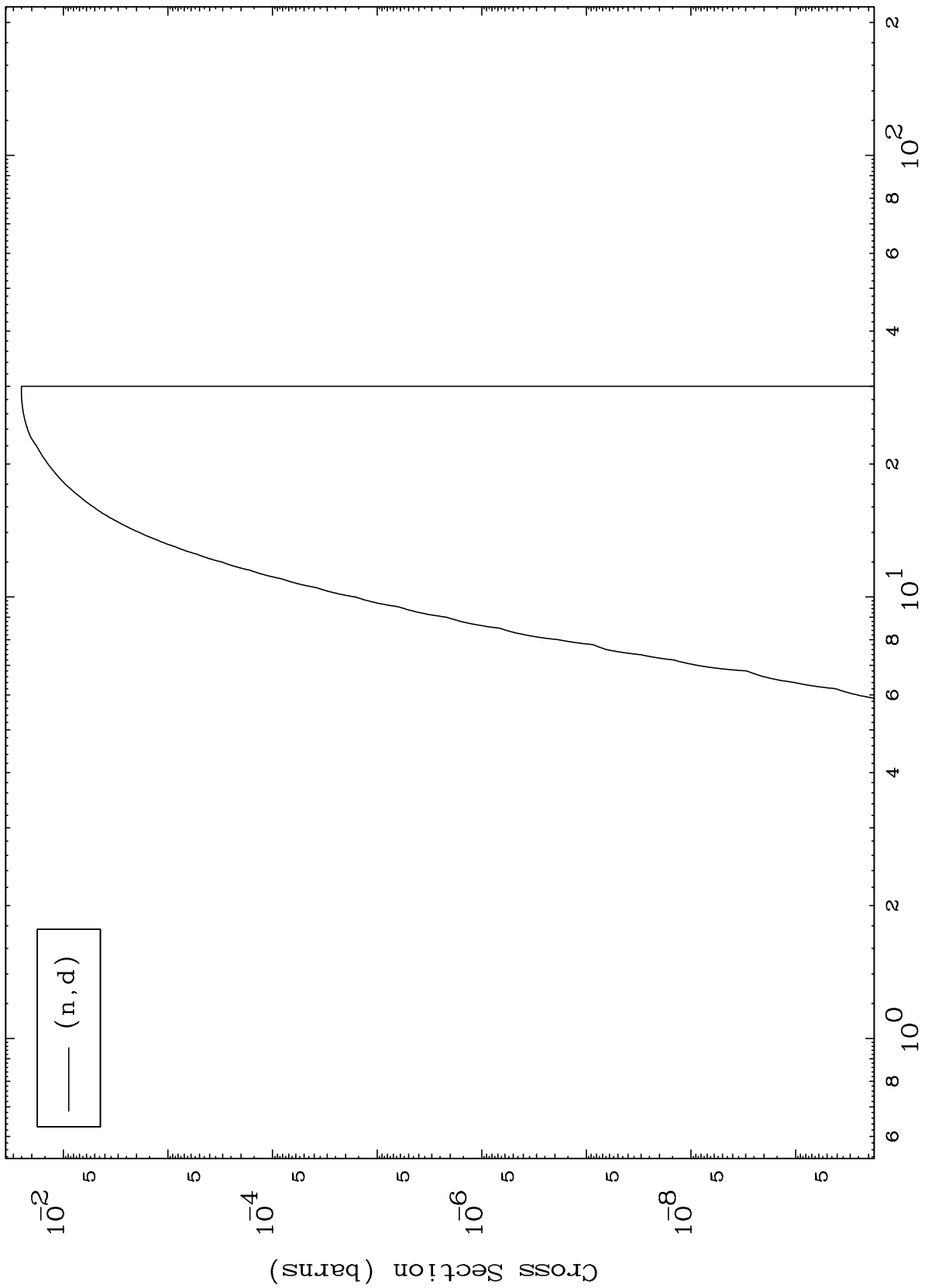
⁷⁹Au-189m



MAT 7902

(n,d) Levels
293 Kelvin Cross Sections

79-Au-189m



14

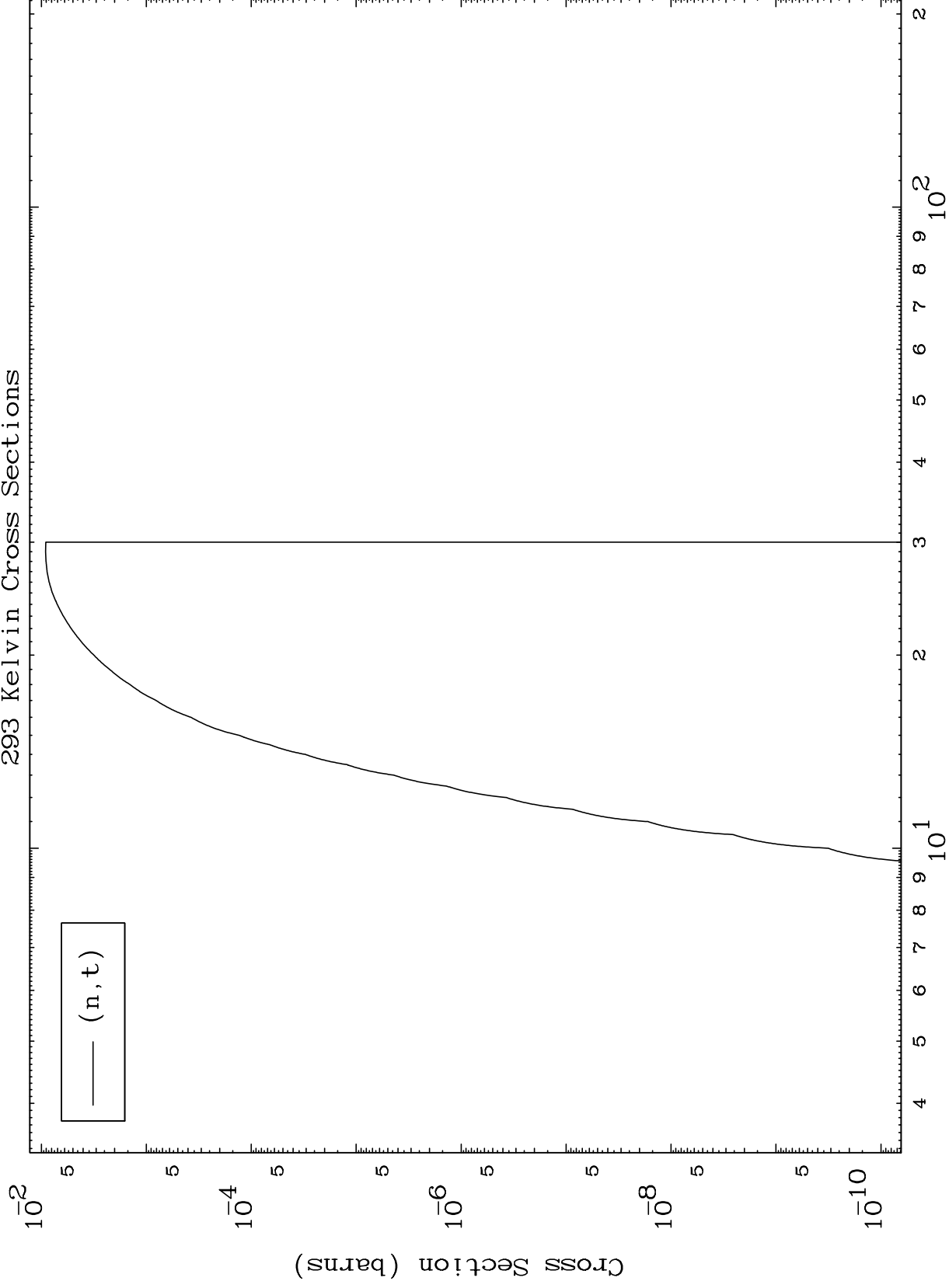
Incident Energy (MeV)

79-Au-189m

MAT 7902

(n,t) Levels
293 Kelvin Cross Sections

79-Au-189m



15

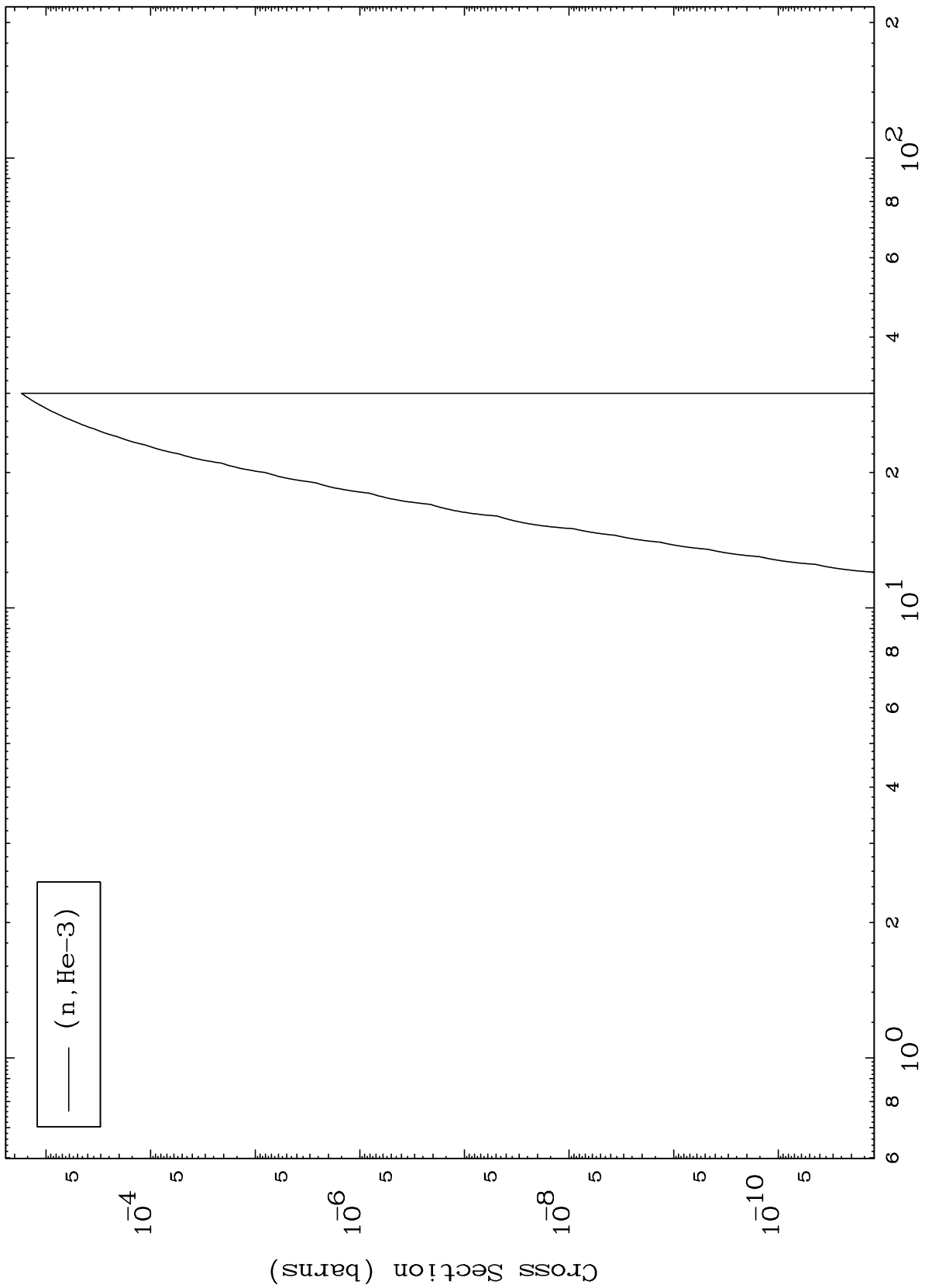
Incident Energy (MeV)

79-Au-189m

MAT 7902

(n,He3) Levels
293 Kelvin Cross Sections

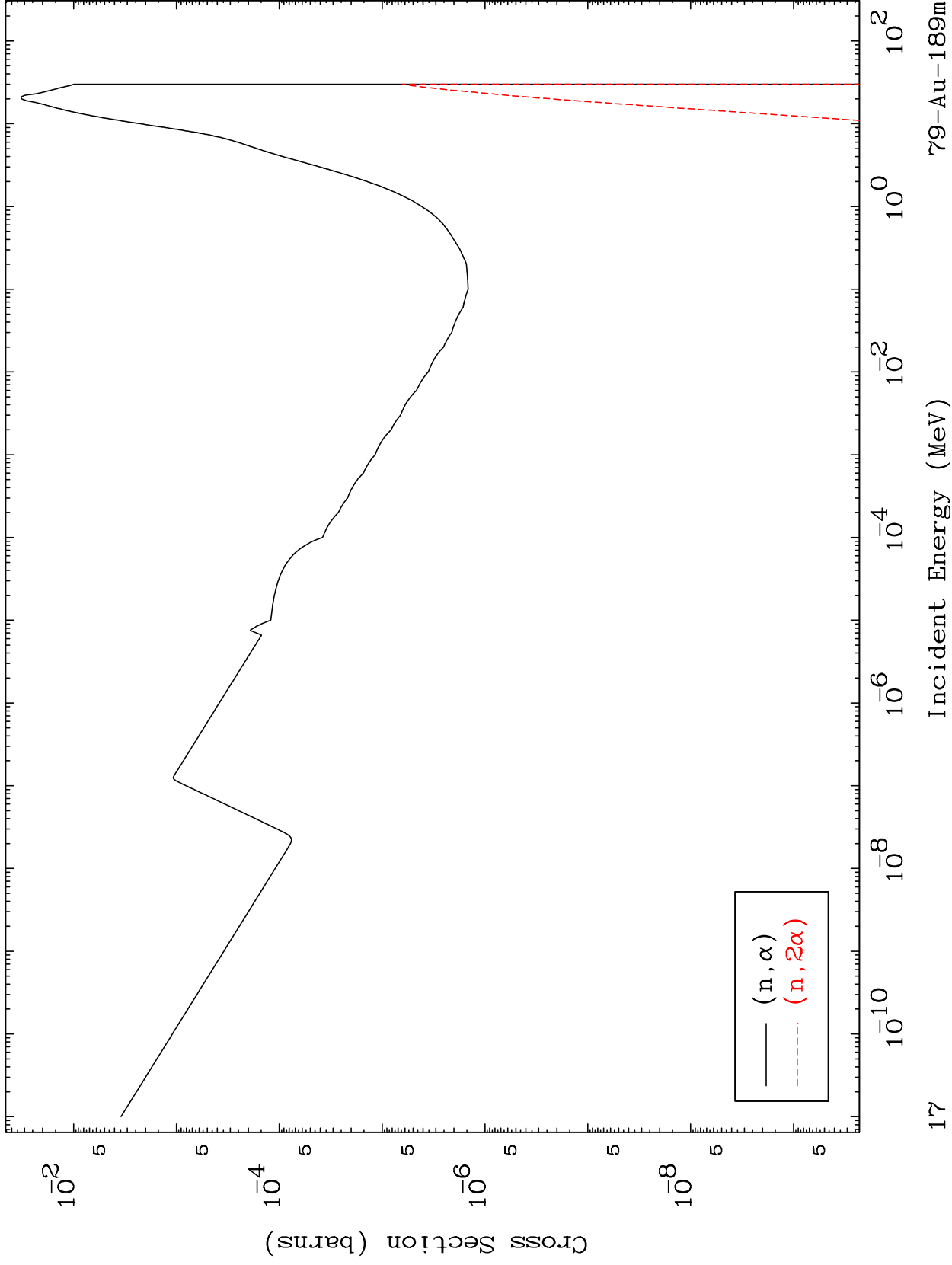
79-Au-189m



MAT 7902

(n, α) Levels
293 Kelvin Cross Sections

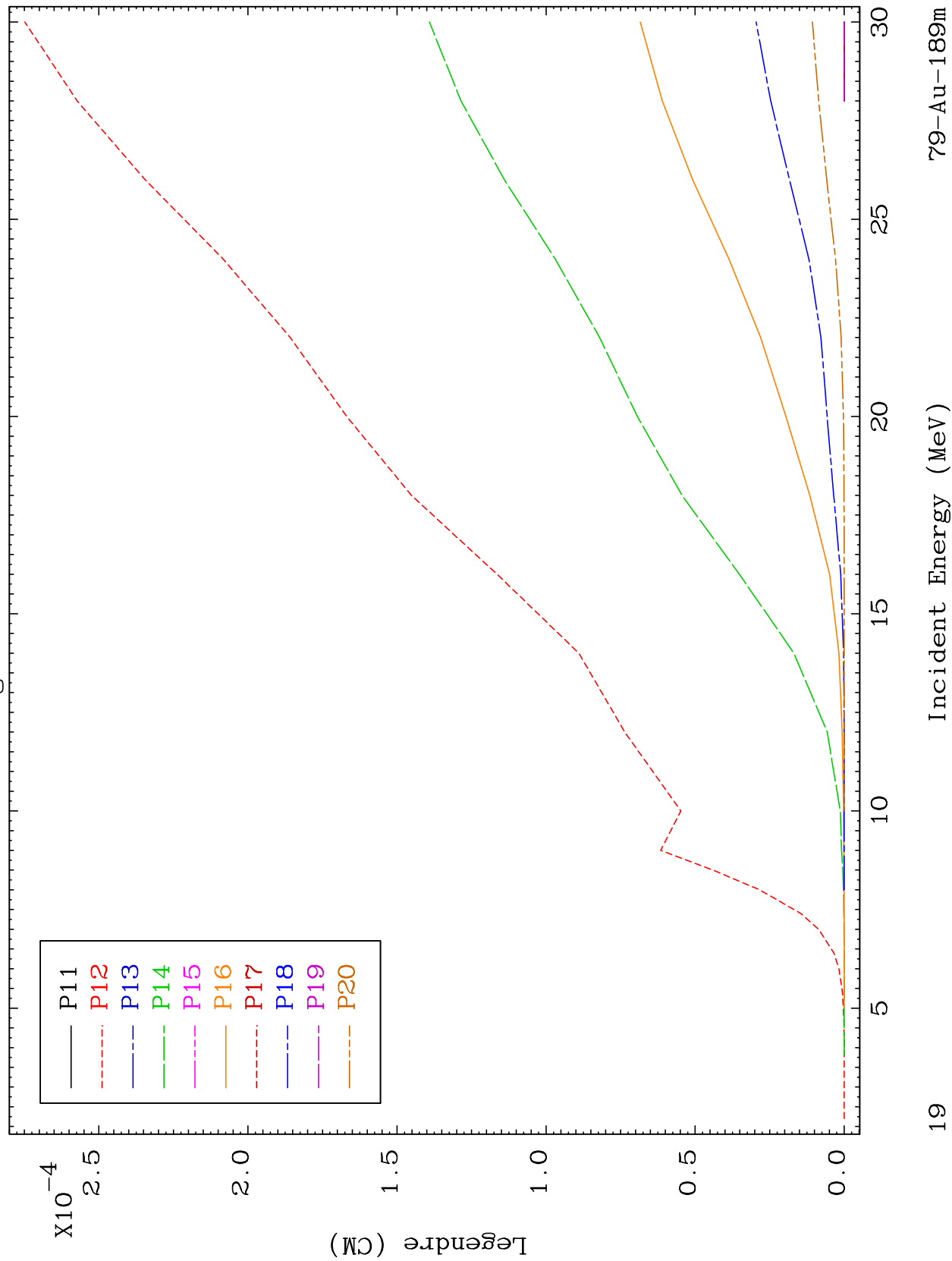
⁷⁹Au-189m



MAT 7902

Elastic Legendre Coefficients

79-Au-189m



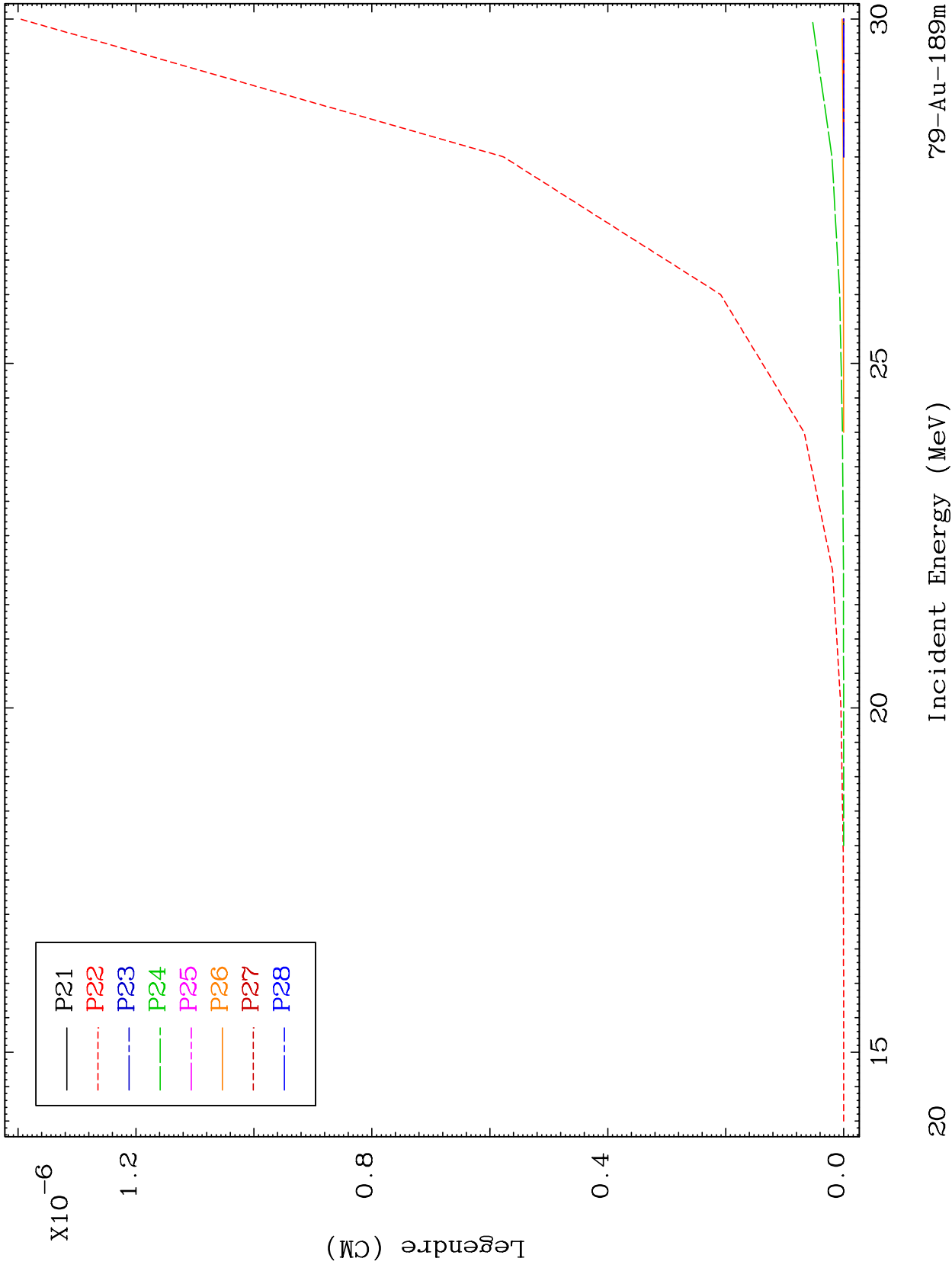
19

79-Au-189m

MAT 7902

Elastic
Legendre Coefficients

79-Au-189m



20

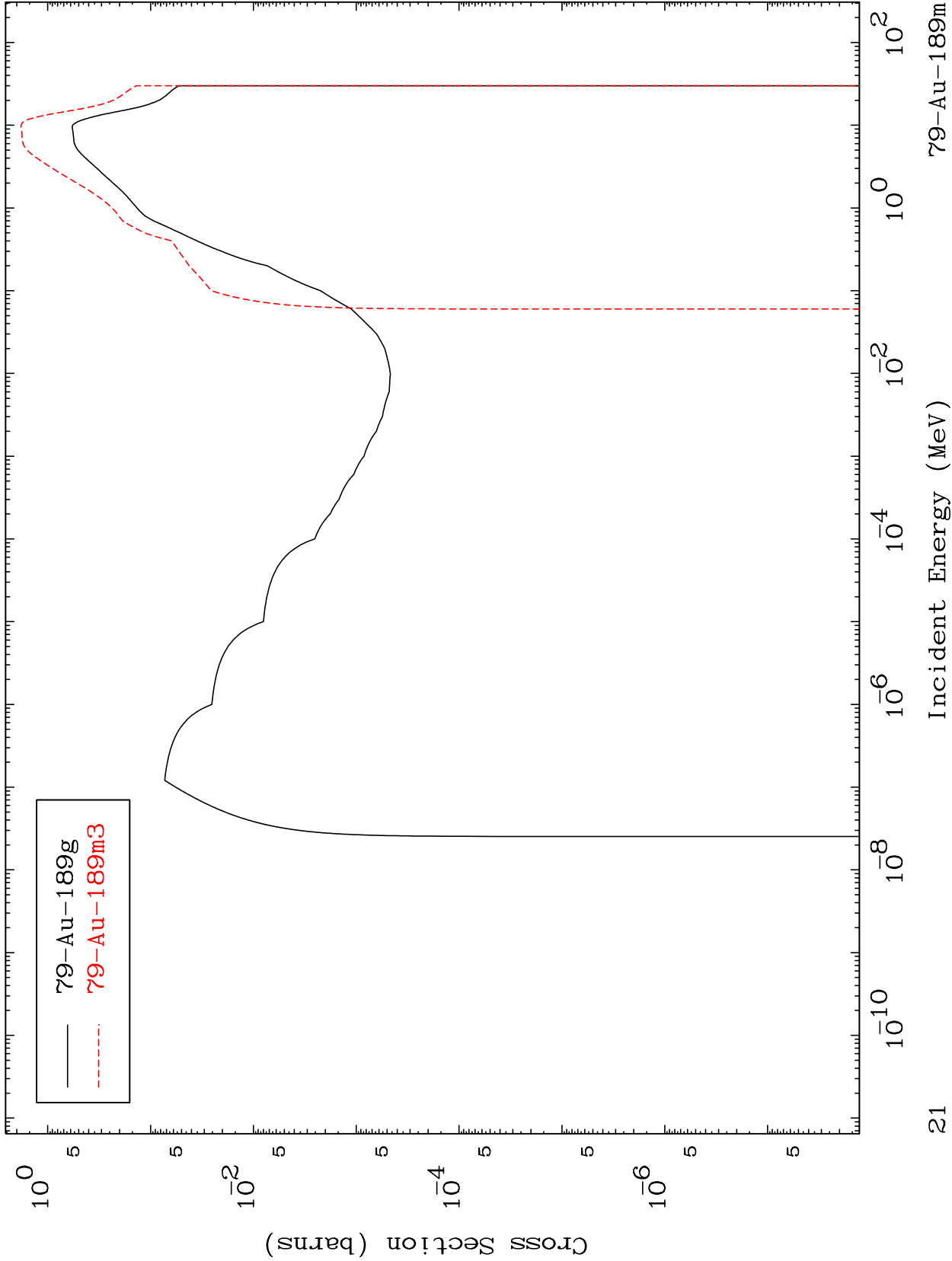
Incident Energy (MeV)

79-Au-189m

MAT 7902

⁷⁹Au-189m

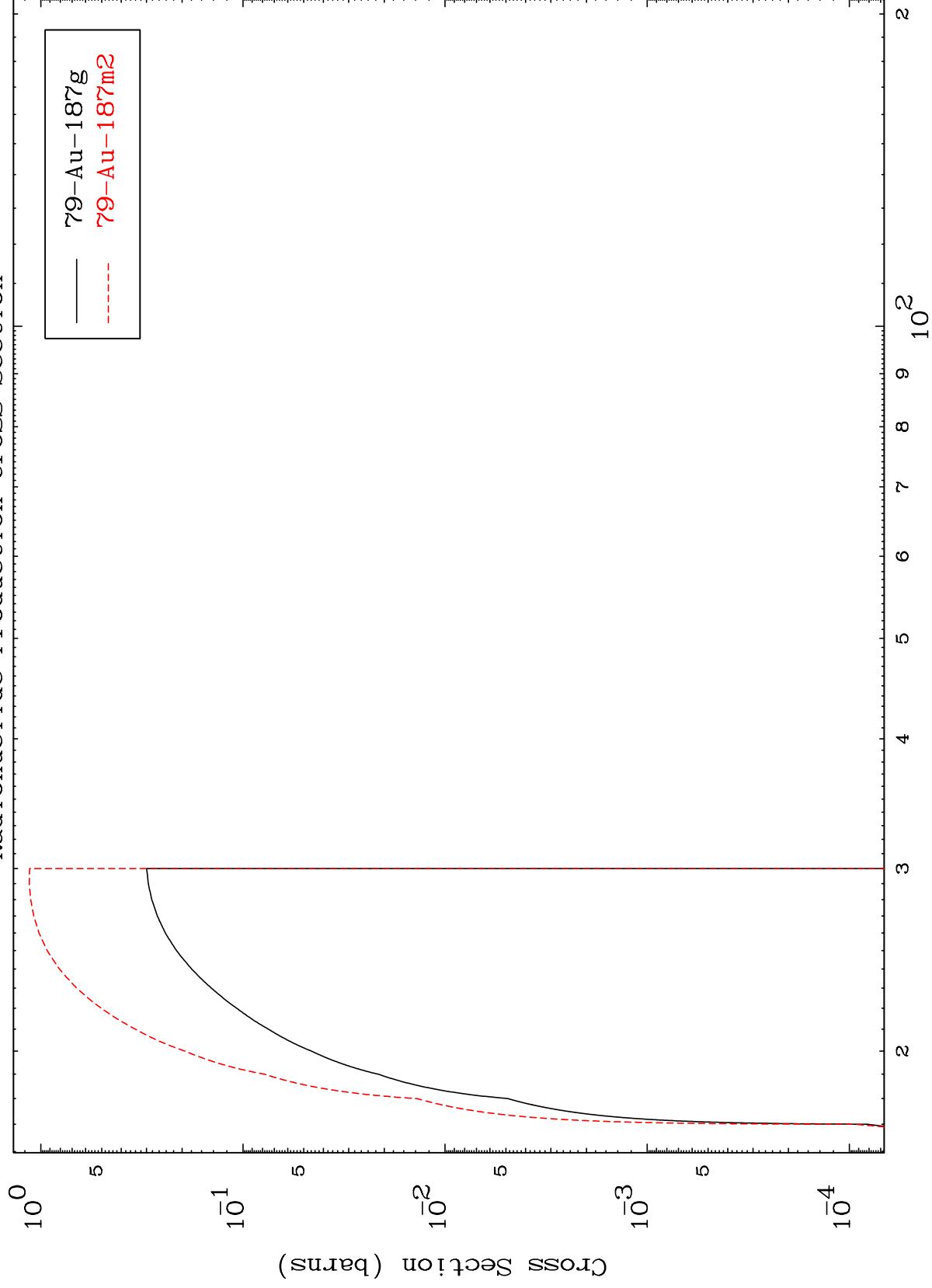
Inelastic
Radionuclide Production Cross Section



MAT 7902

⁷⁹Au-189m

(n,3n)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

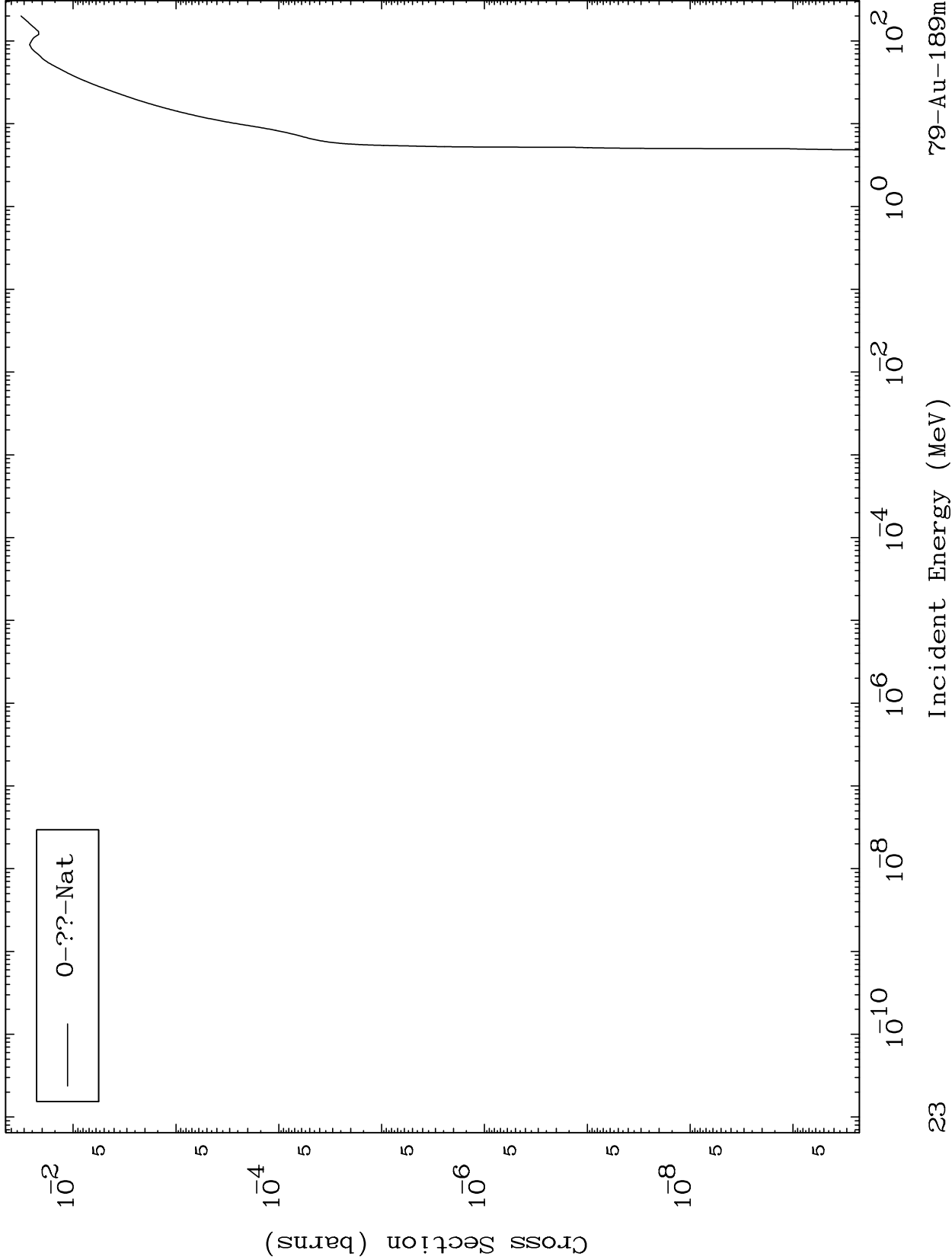
⁷⁹Au-189m

MAT 7902

Fission

⁷⁹Au-189m

Radionuclide Production Cross Section

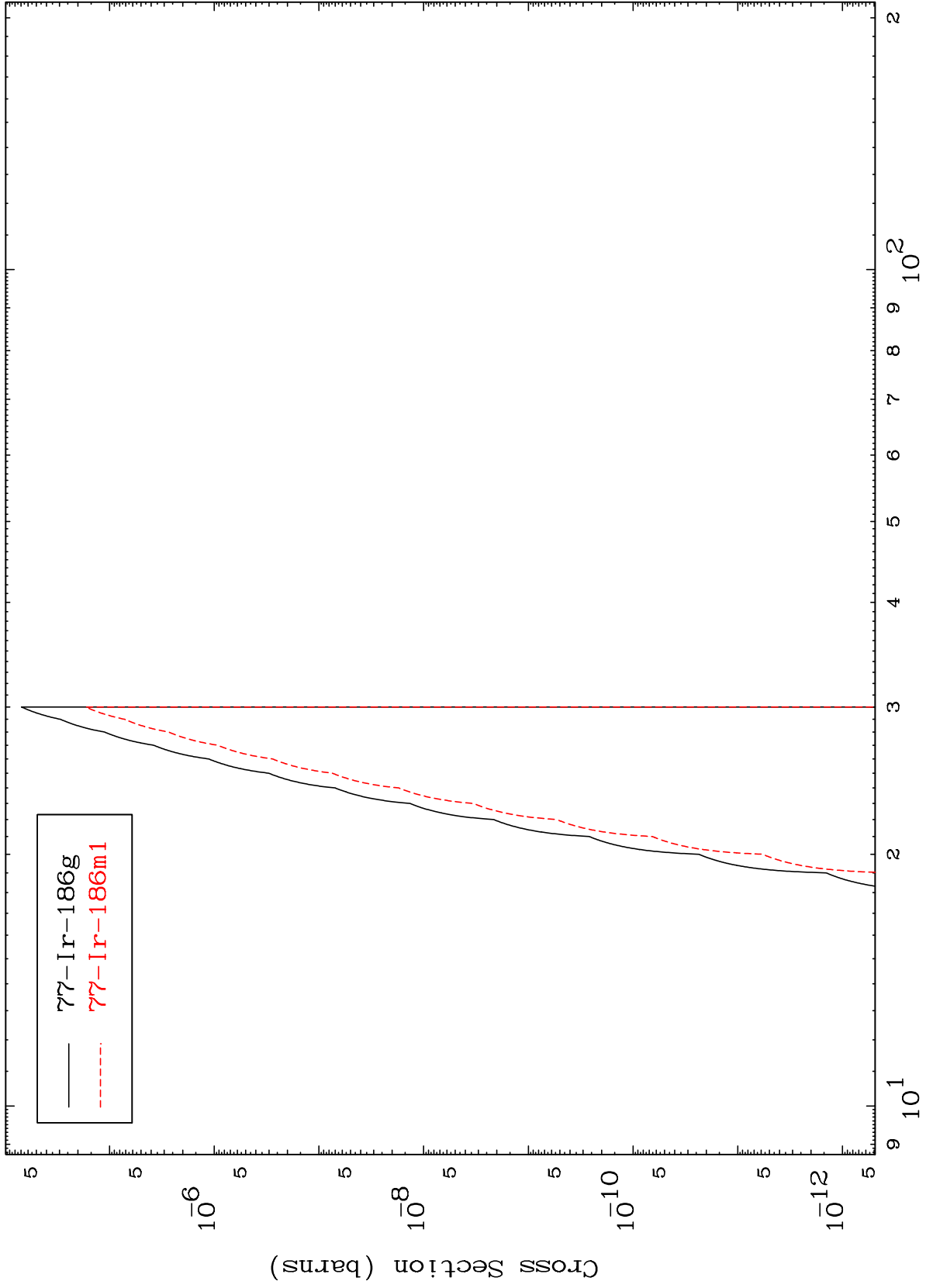


MAT 7902

(n,n') He-3

79-Au-189m

Radionuclide Production Cross Section



77-Ir-186g
77-Ir-186m1

Incident Energy (MeV)

79-Au-189m

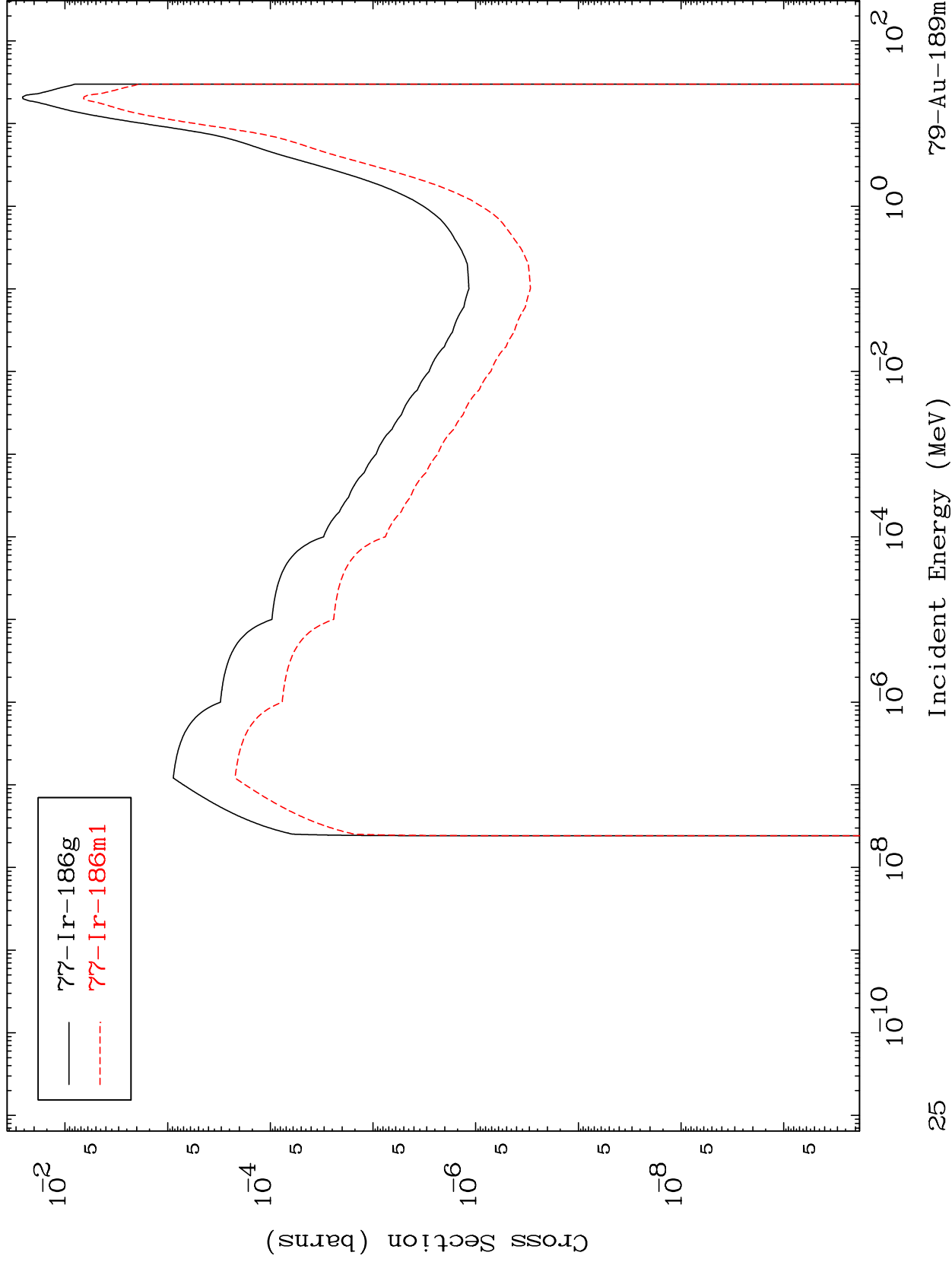
24

MAT 7902

(n, α)

⁷⁹Au-189m

Radionuclide Production Cross Section

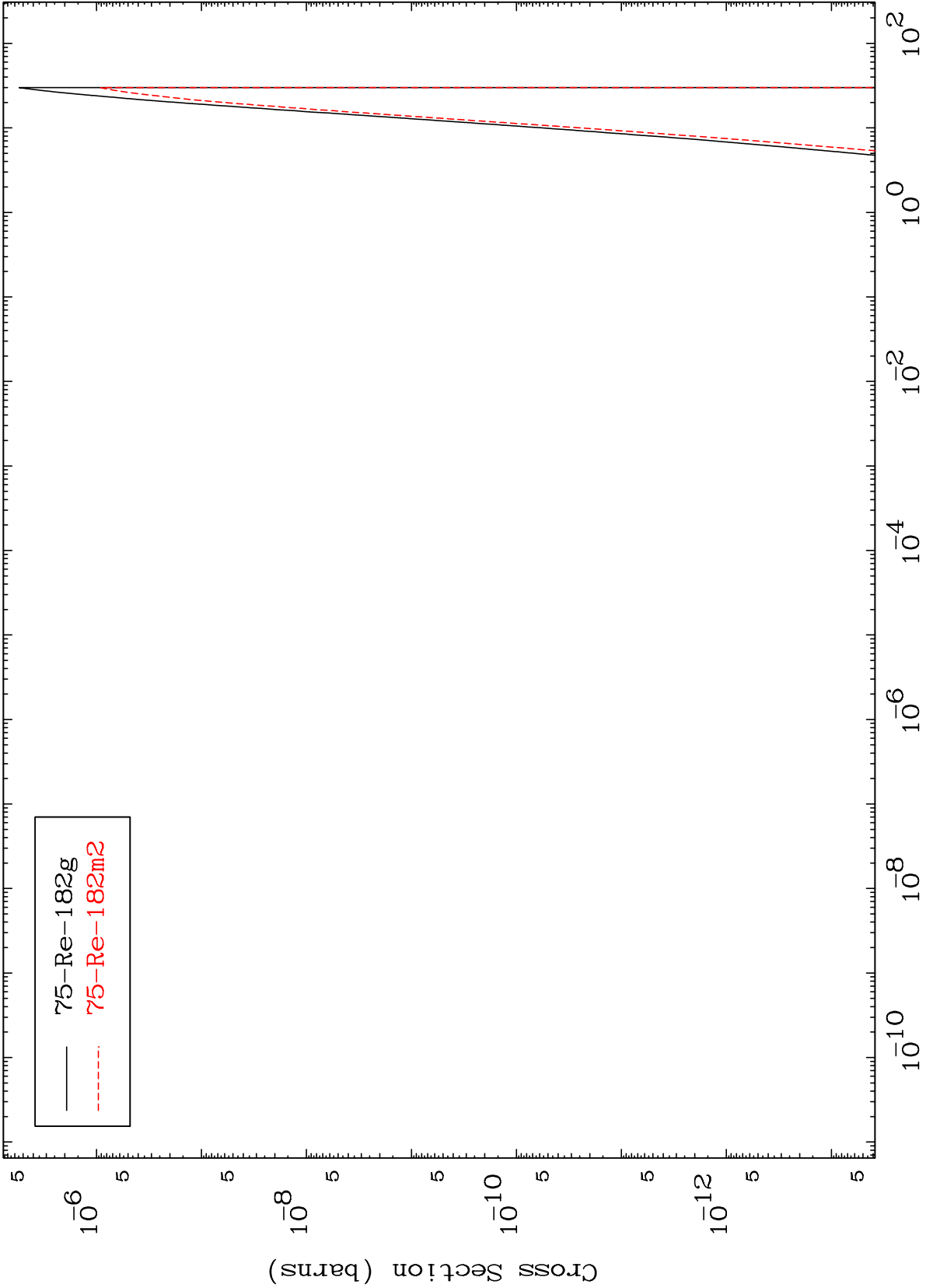


MAT 7902

(n,2α)

79-Au-189m

Radionuclide Production Cross Section

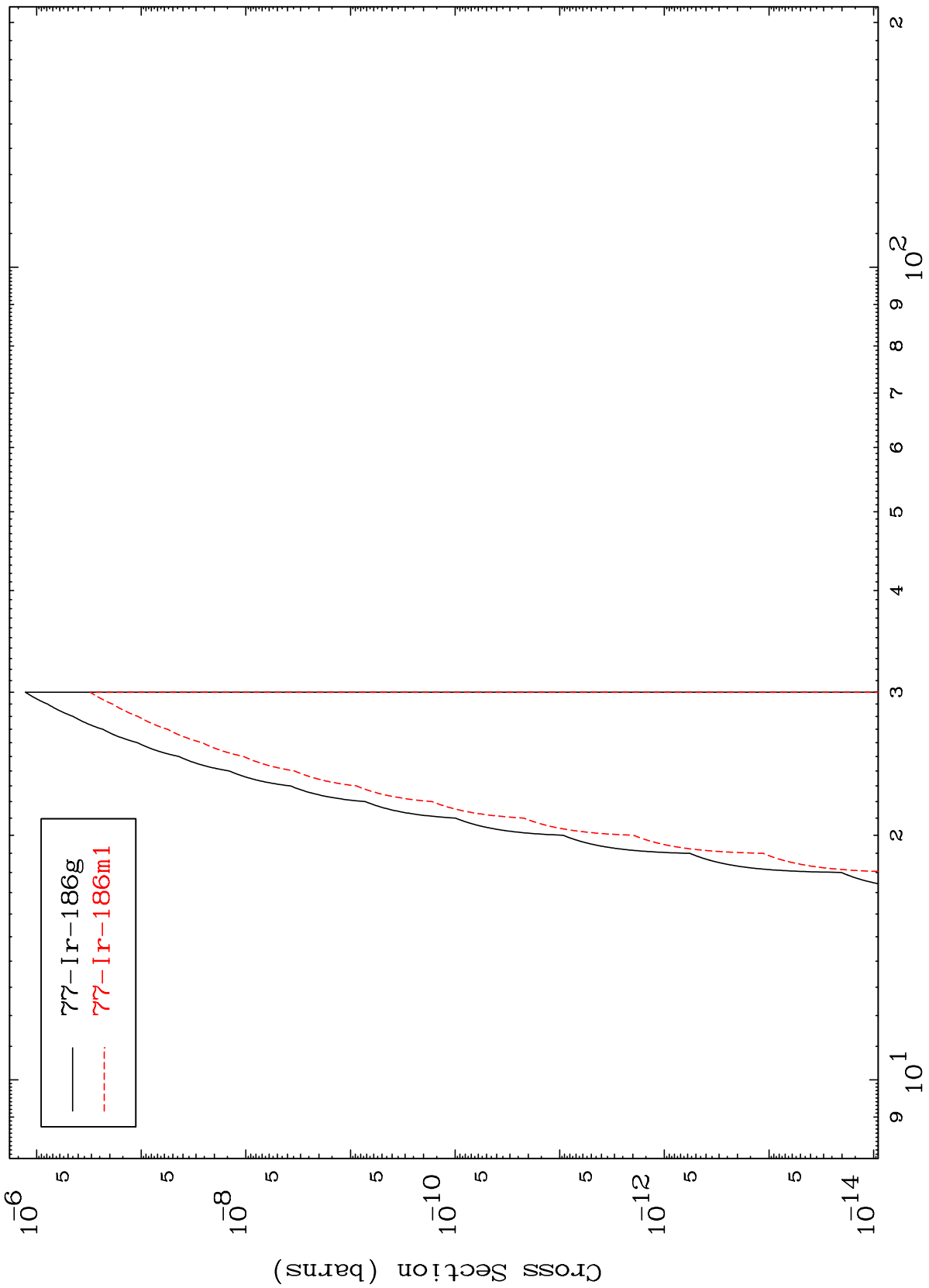


MAT 7902

(n,p) t

⁷⁹Au-189m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

⁷⁹Au-189m