

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

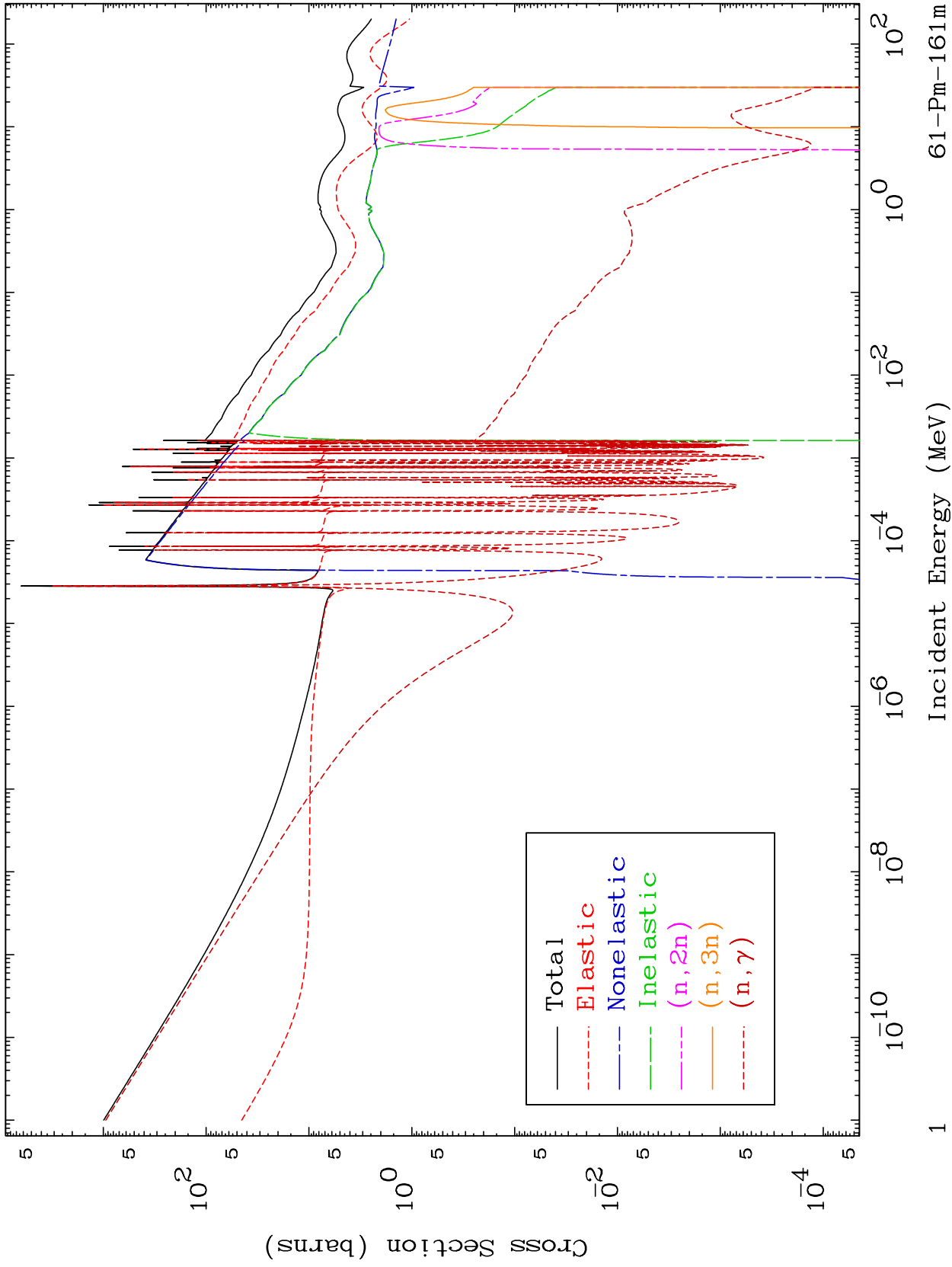
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6192

Neutron Major
293 Kelvin Cross Sections

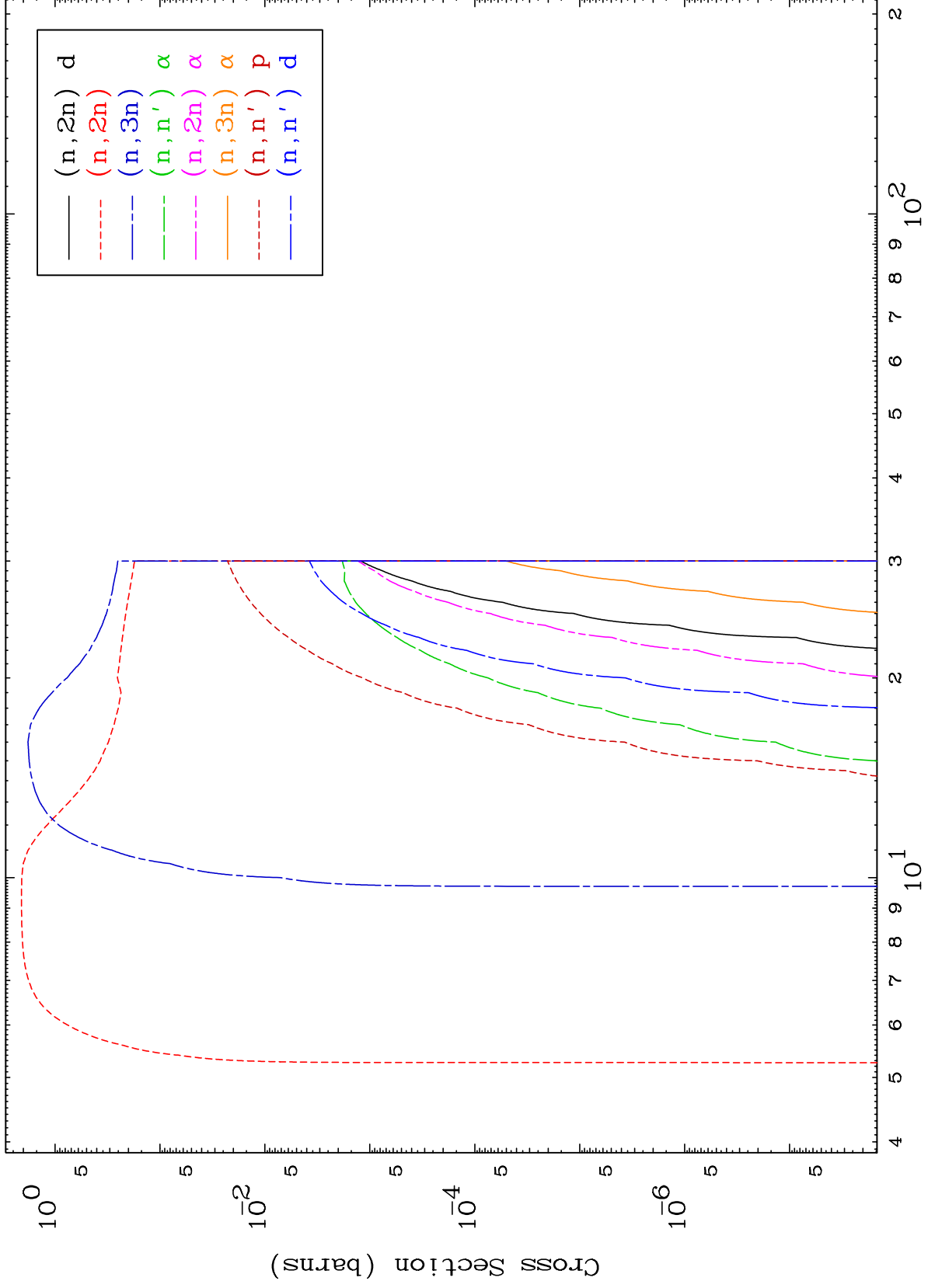
61-Pm-161m



MAT 6192

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-161m



2

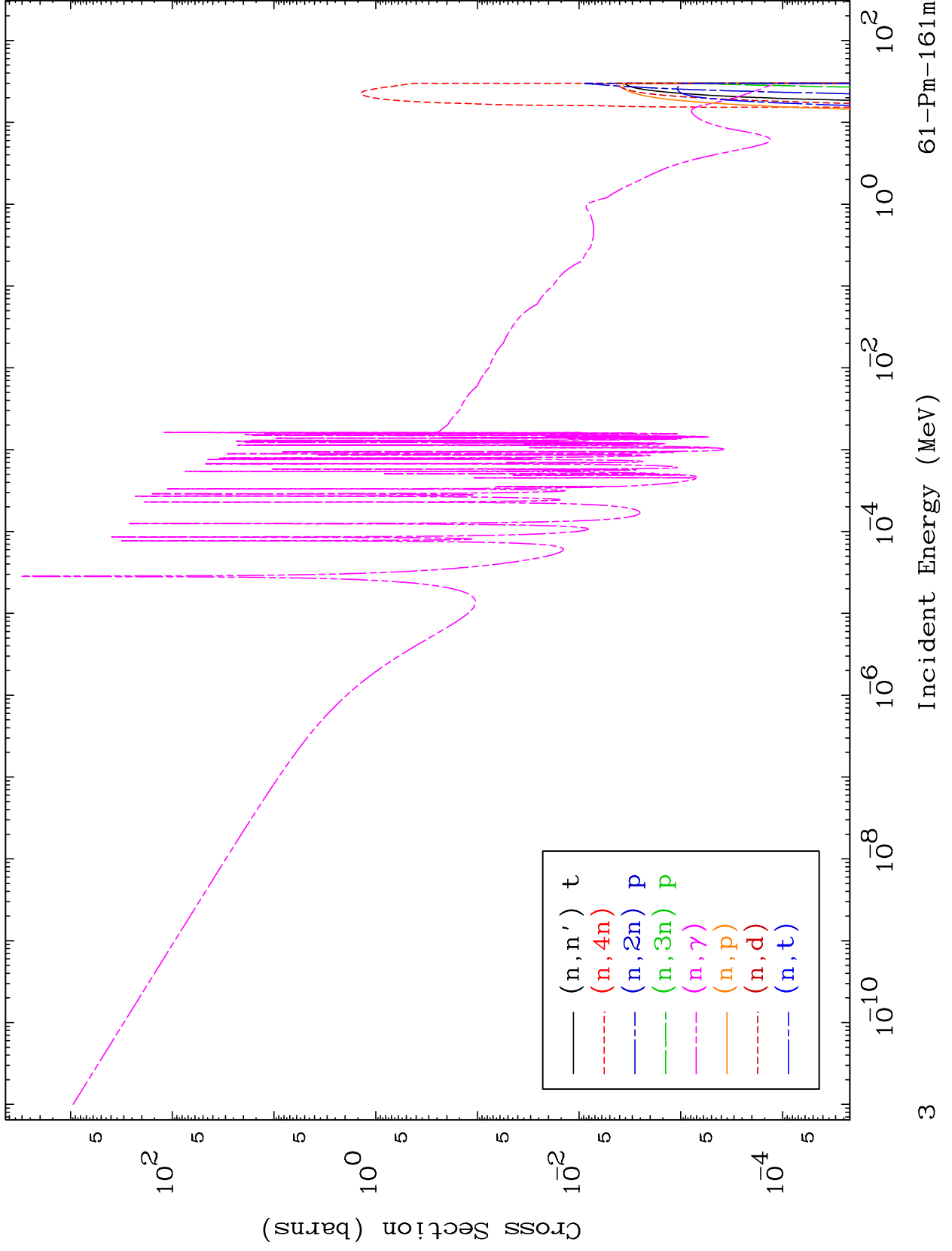
Incident Energy (MeV)

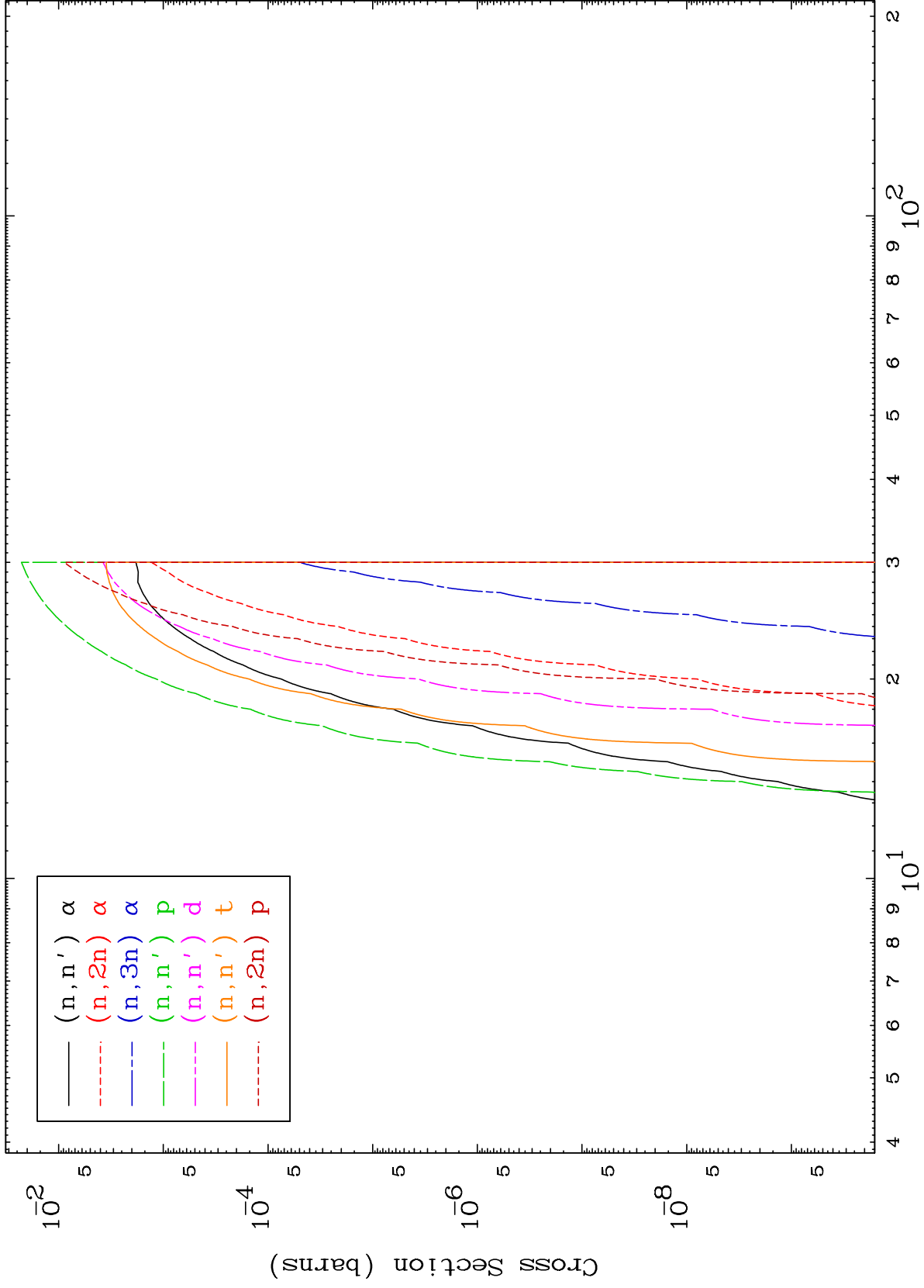
61-Pm-161m

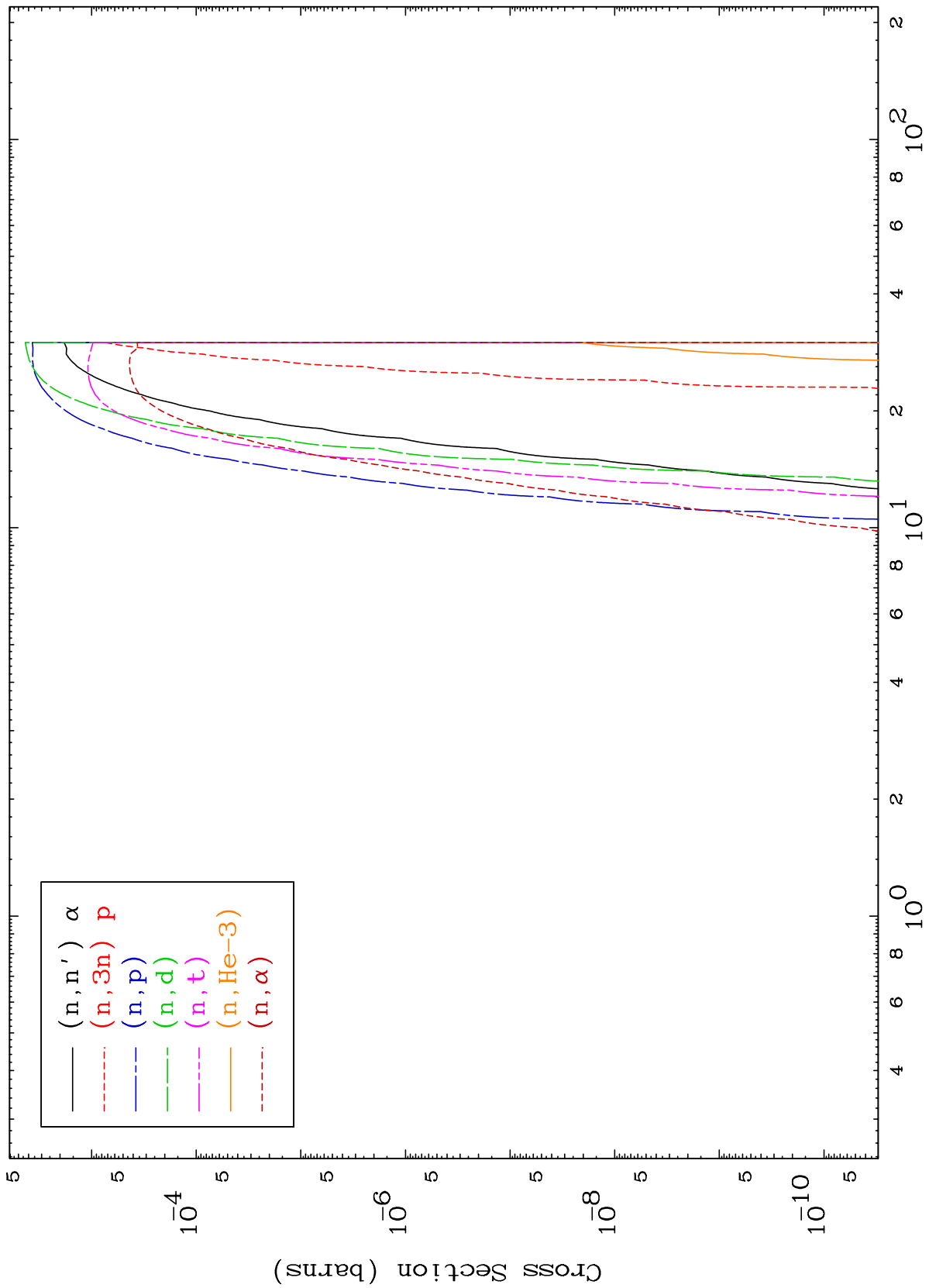
MAT 6192

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-161m



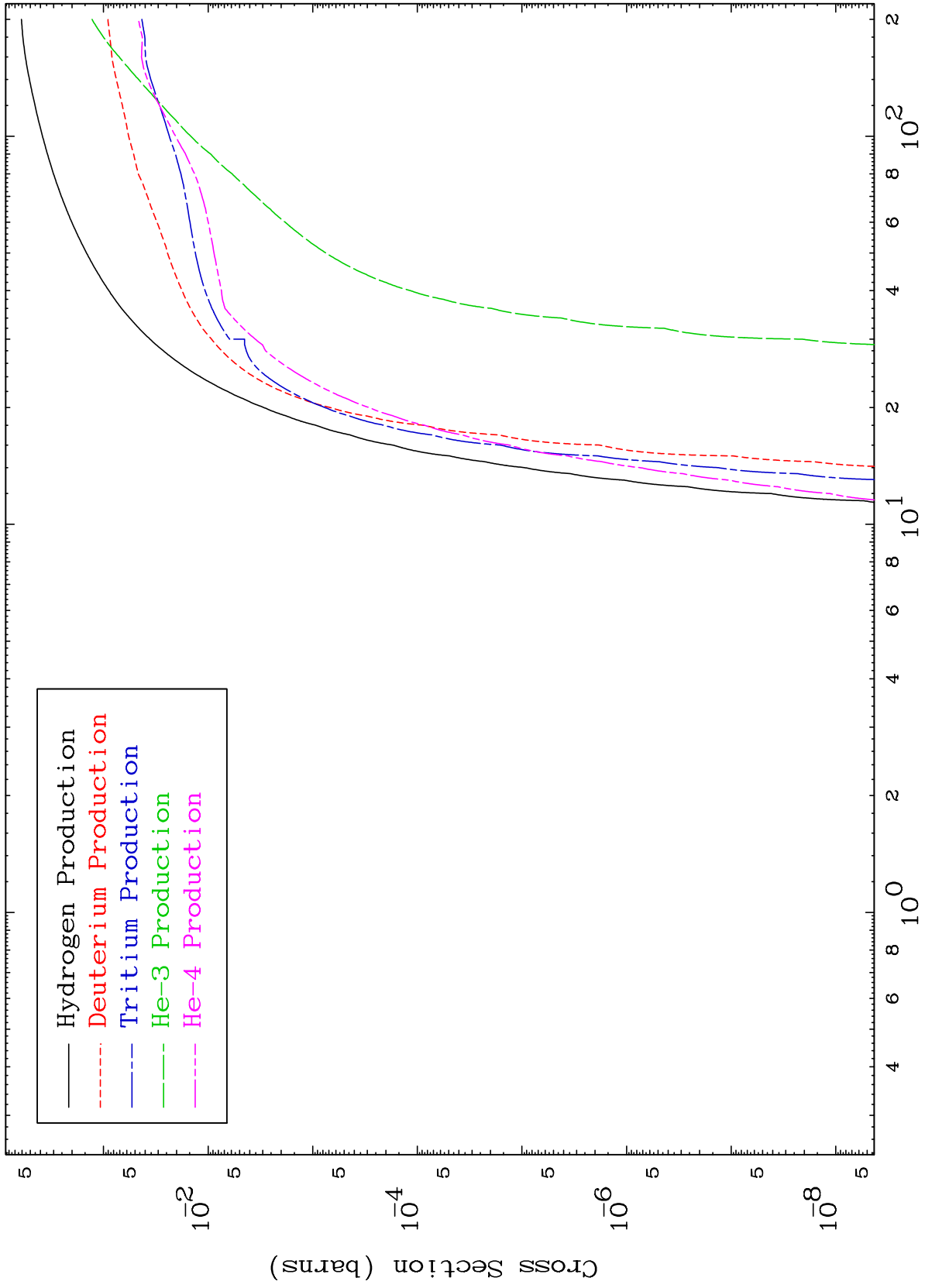


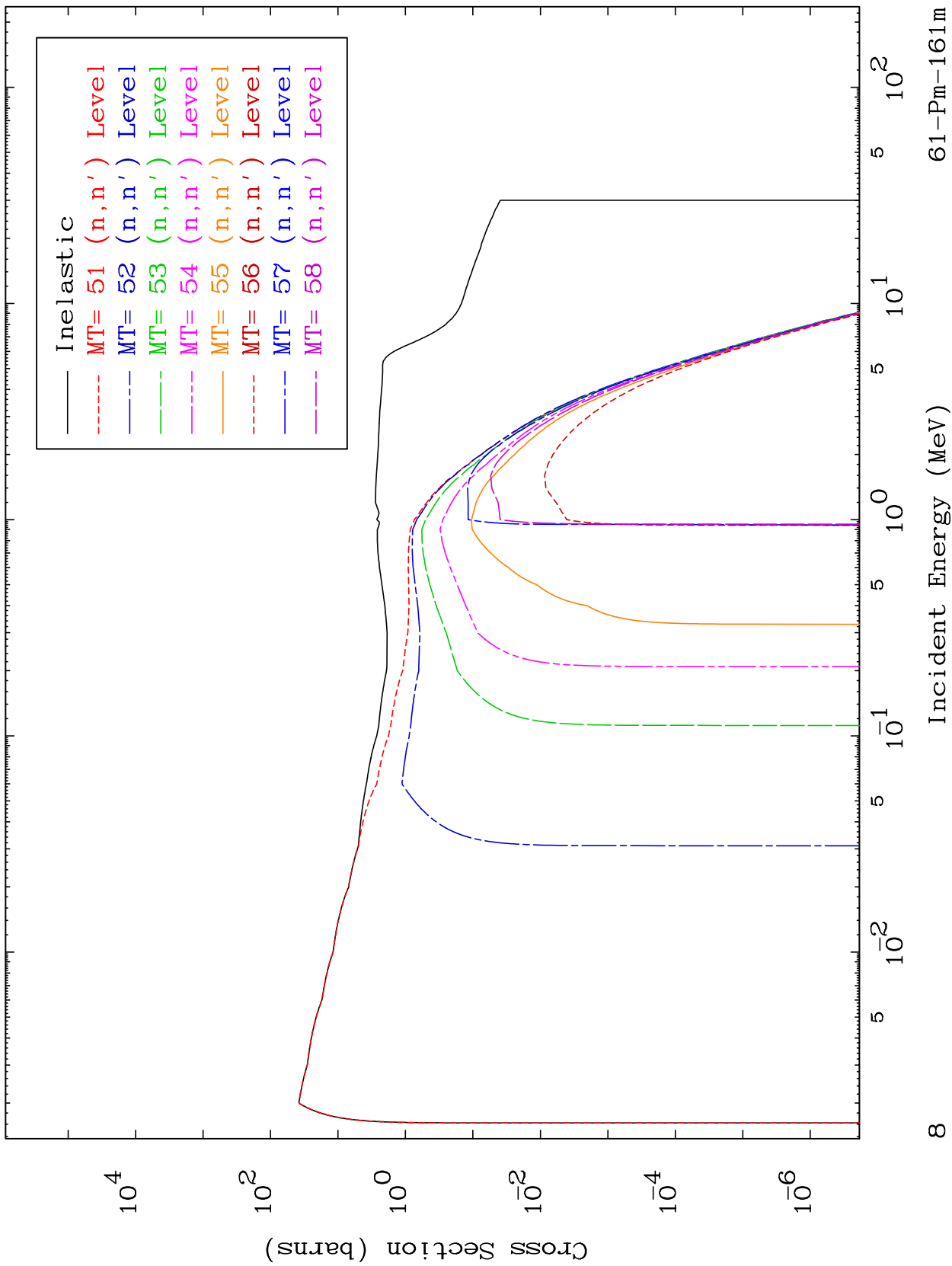


MAT 6192

Particle Production
293 Kelvin Cross Sections

61-Pm-161m

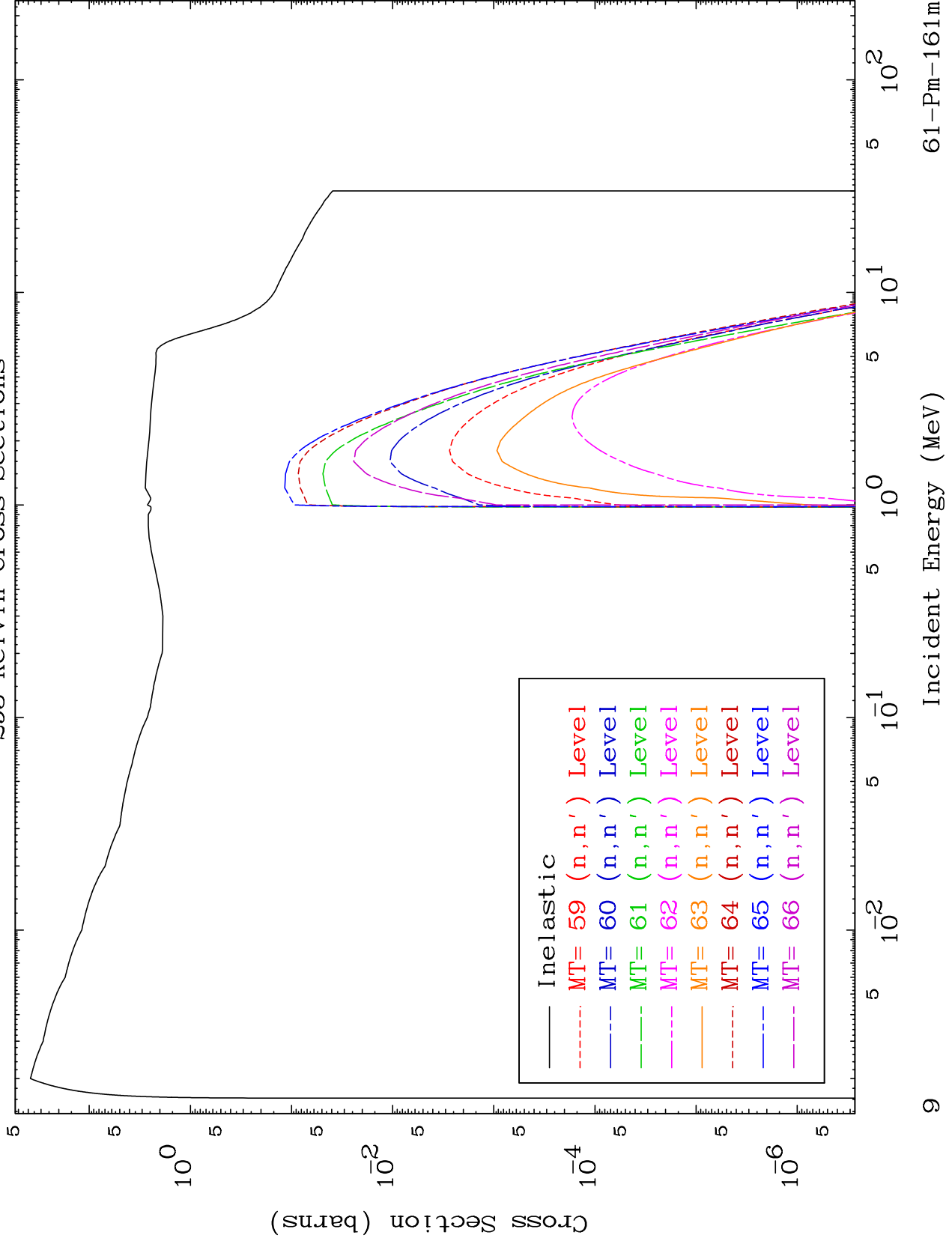




MAT 6192

(n,n') Levels
293 Kelvin Cross Sections

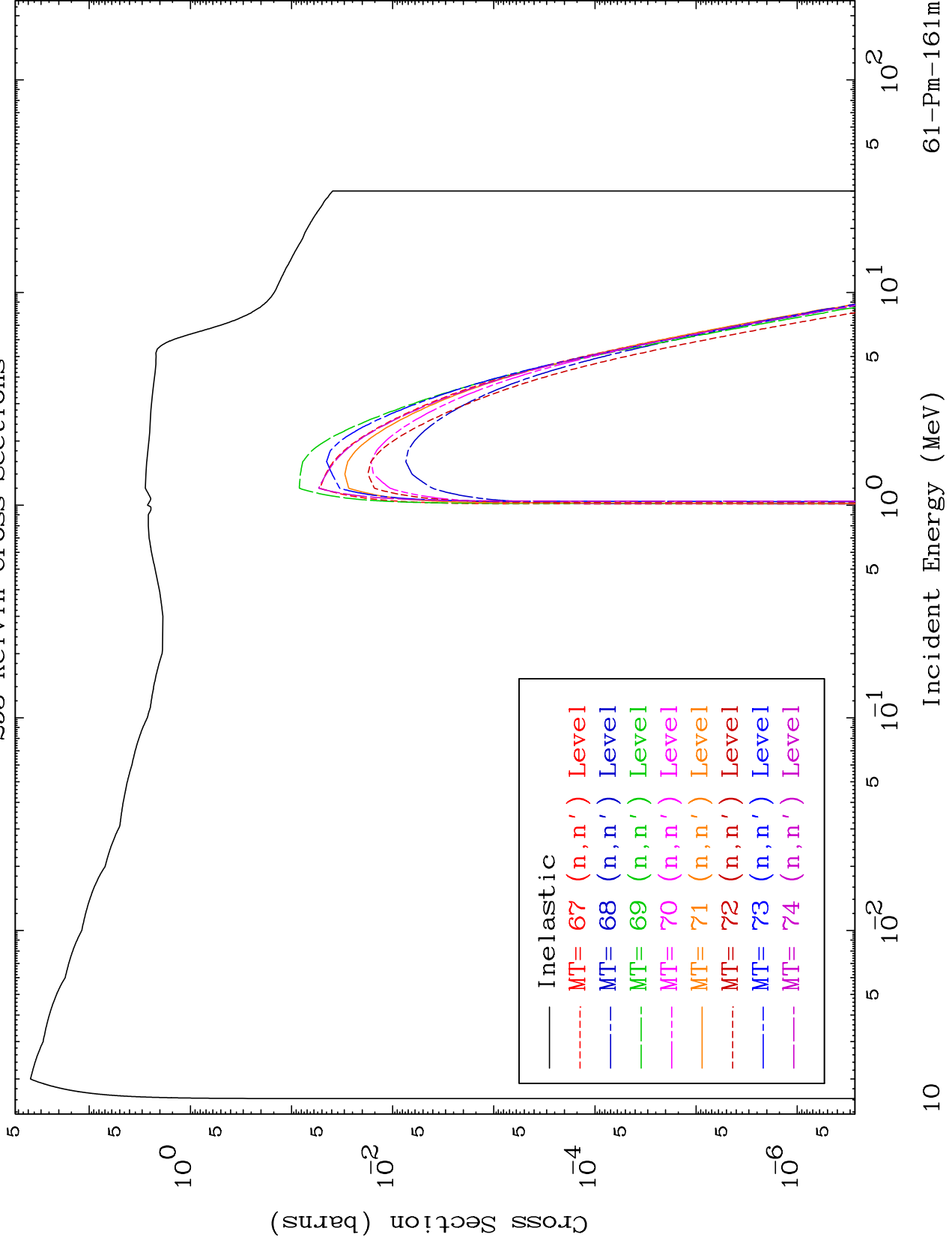
61-Pm-161m



MAT 6192

(n,n') Levels
293 Kelvin Cross Sections

61-Pm-161m



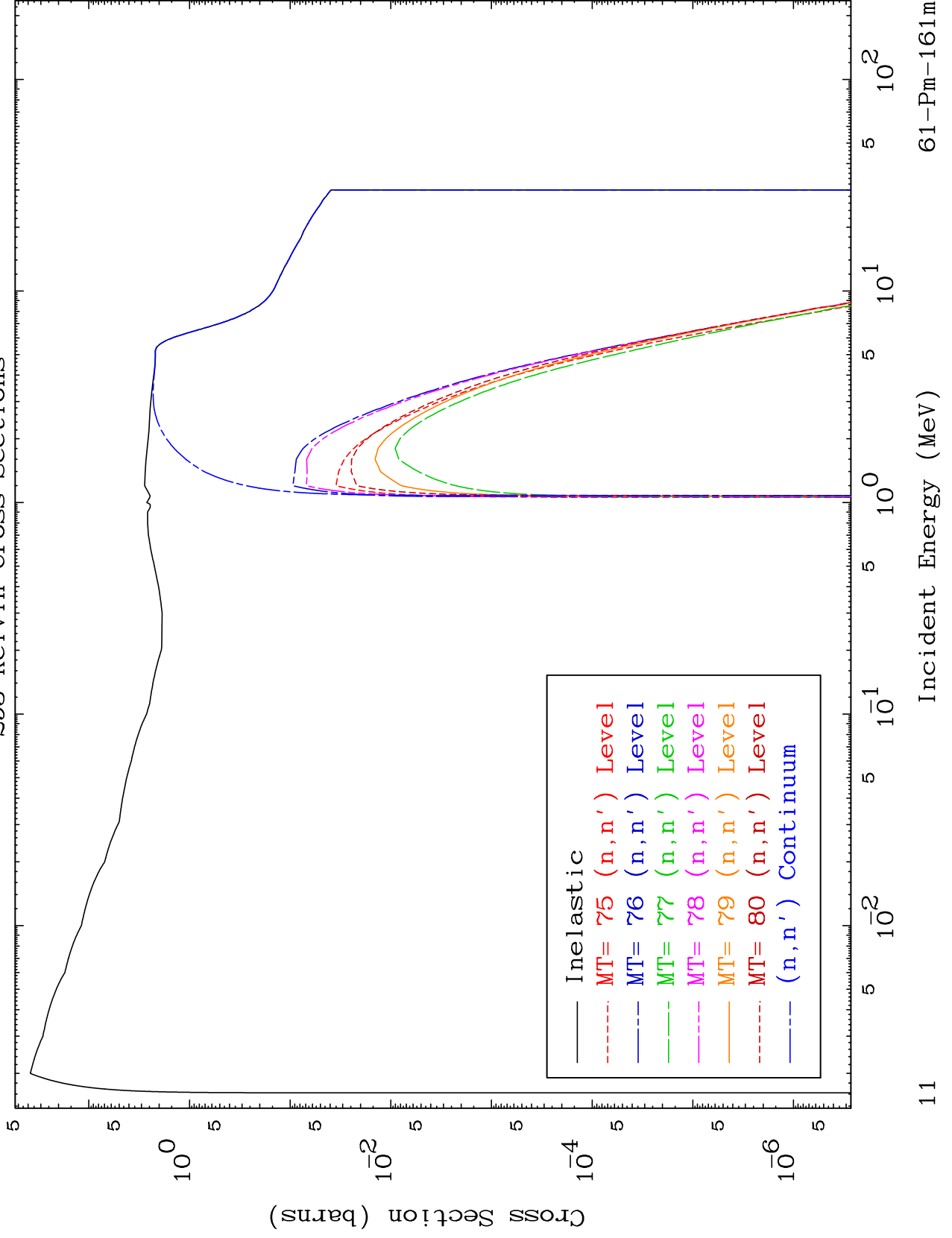
10

61-Pm-161m

MAT 6192

(n,n') Levels
293 Kelvin Cross Sections

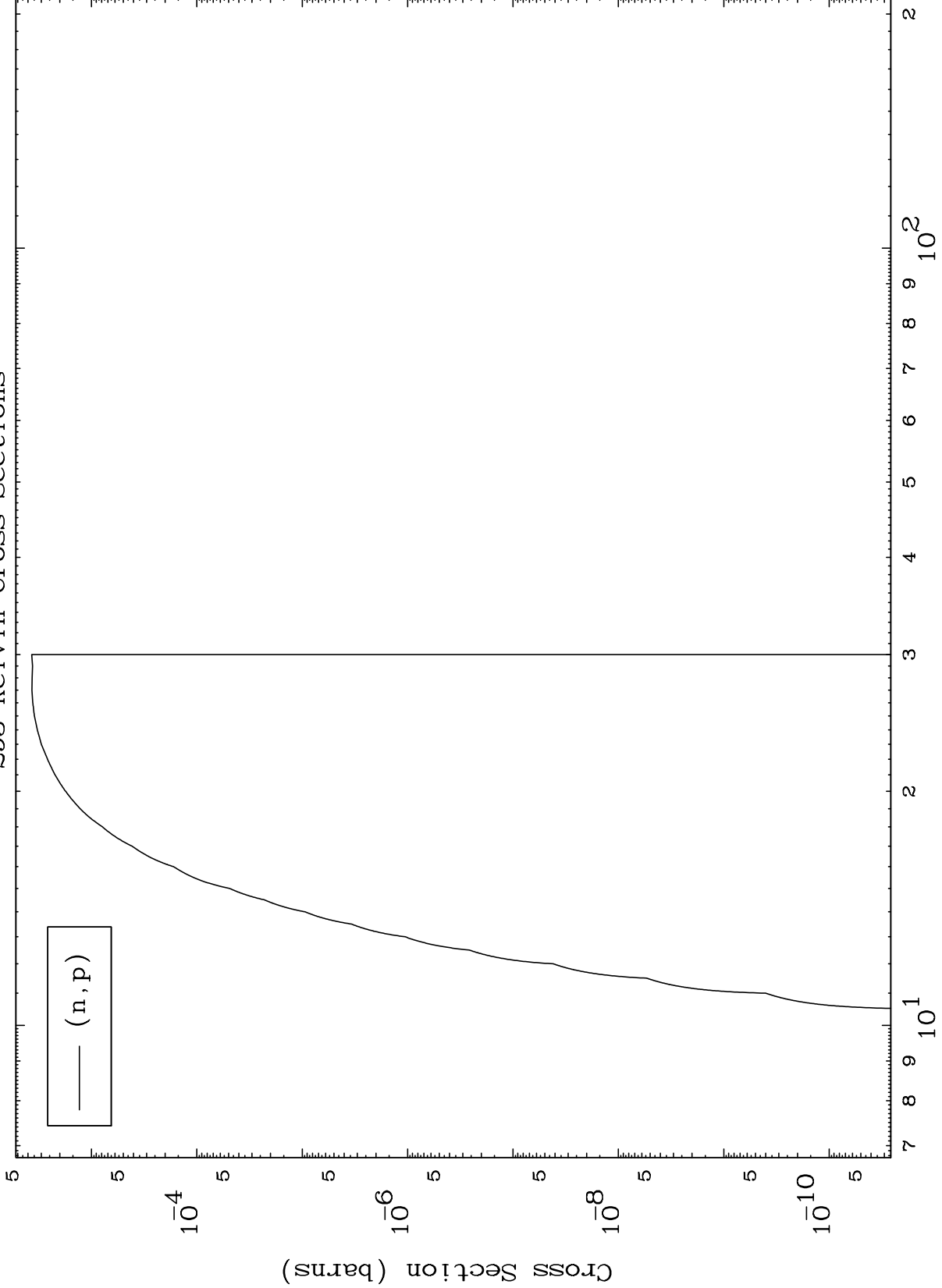
61-Pm-161m



MAT 6192

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-161m



12

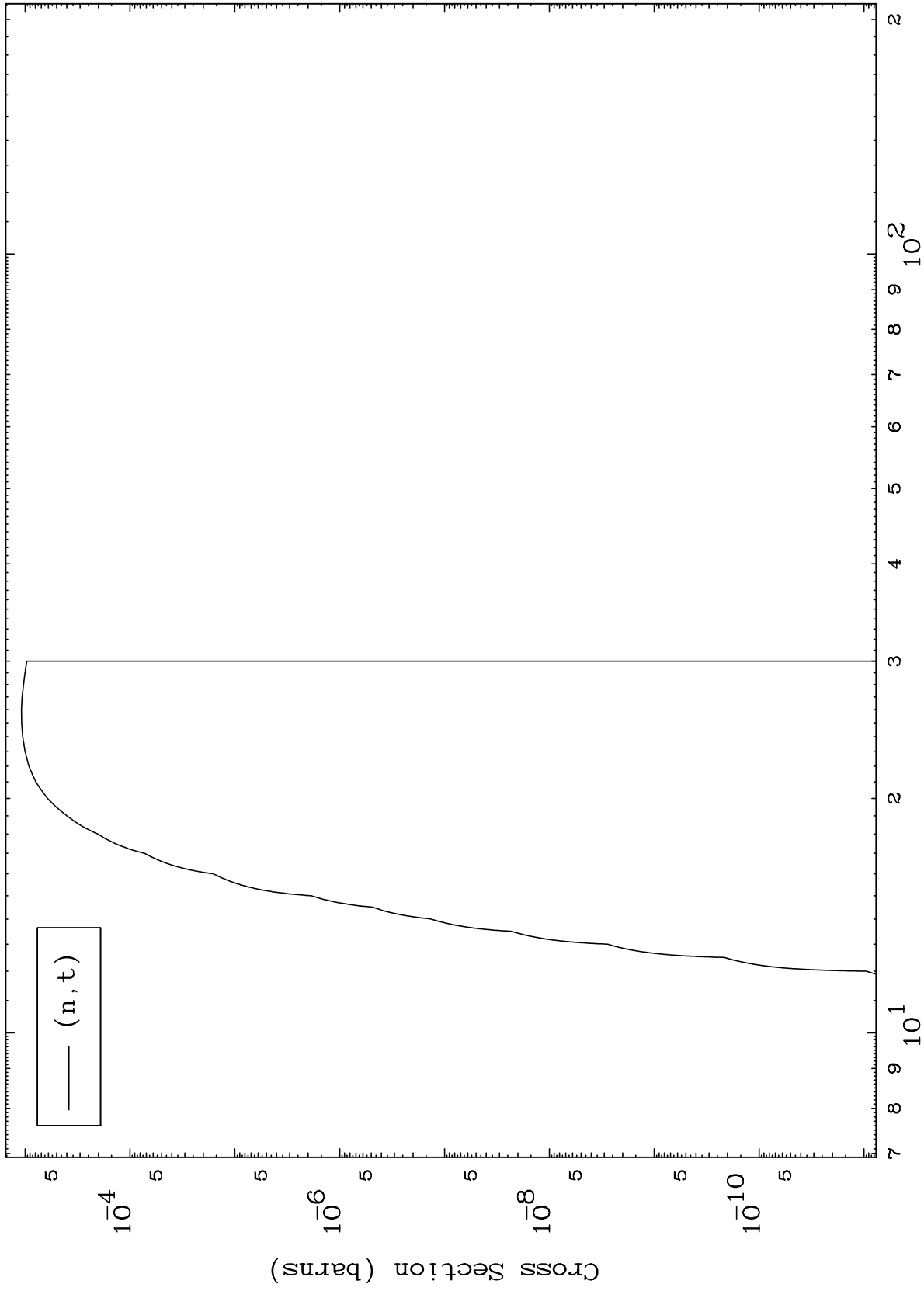
Incident Energy (MeV)

61-Pm-161m

MAT 6192

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-161m



14

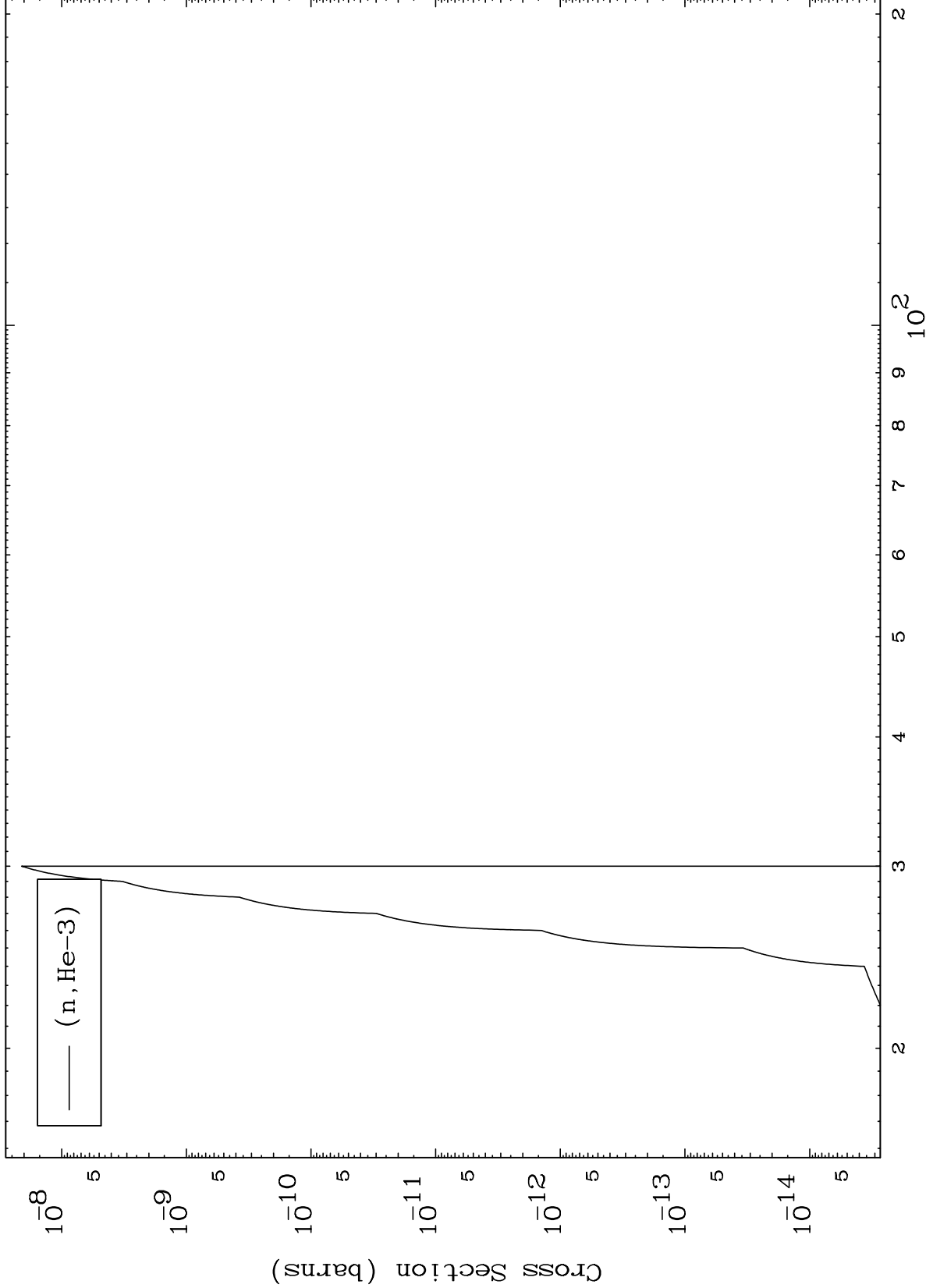
Incident Energy (MeV)

61-Pm-161m

MAT 6192

(n,He3) Levels
293 Kelvin Cross Sections

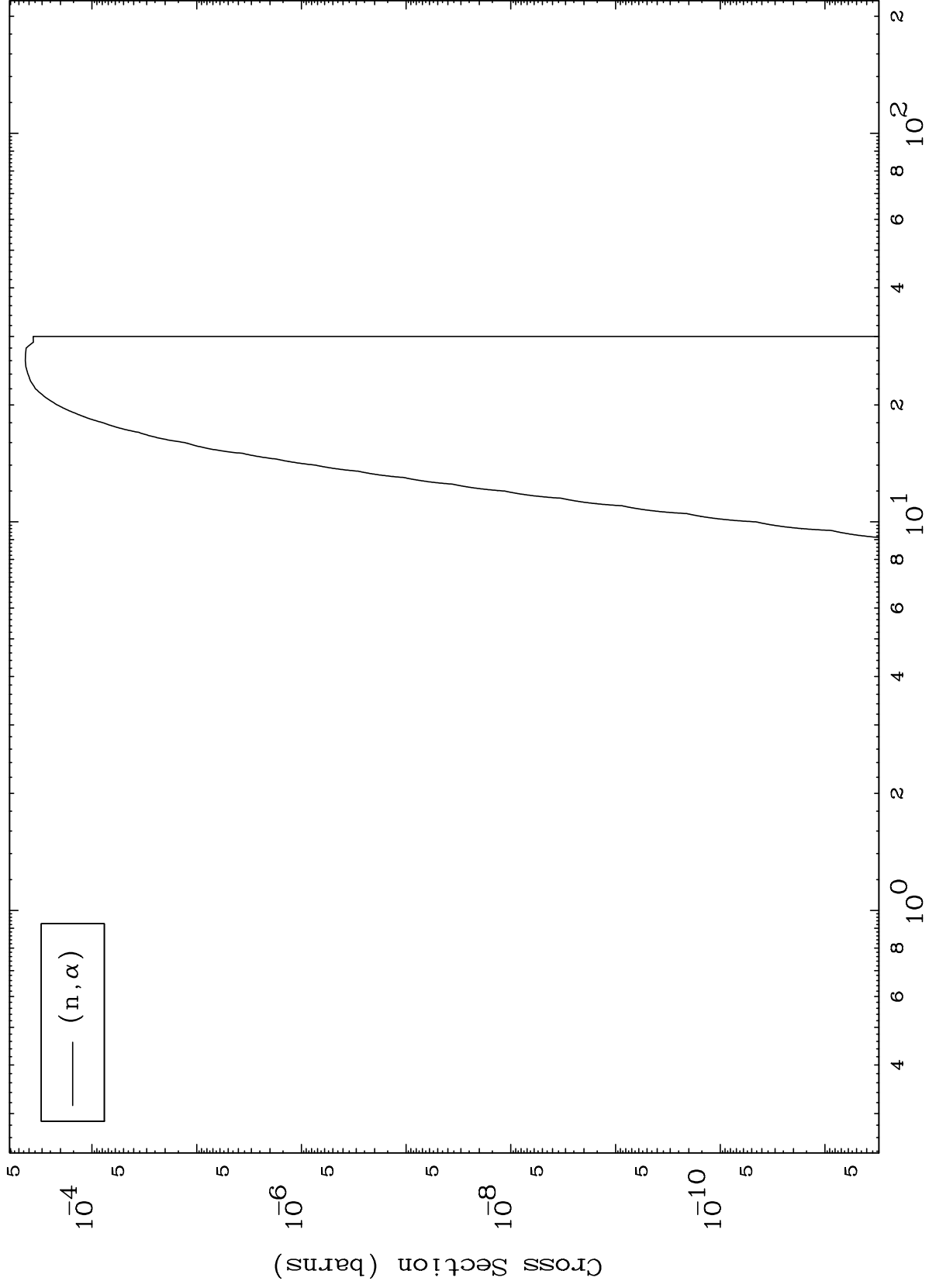
61-Pm-161m



MAT 6192

(n, α) Levels
293 Kelvin Cross Sections

61-Pm-161m



16

Incident Energy (MeV)

61-Pm-161m

MAT 6192

Elastic Legendre Coefficients

61-Pm-161m



61-Pm-161m

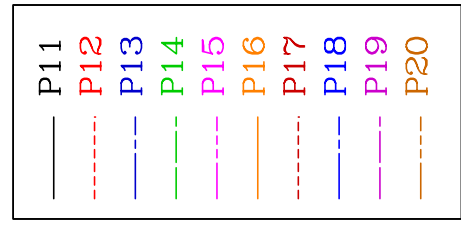
Incident Energy (MeV)

17

MAT 6192

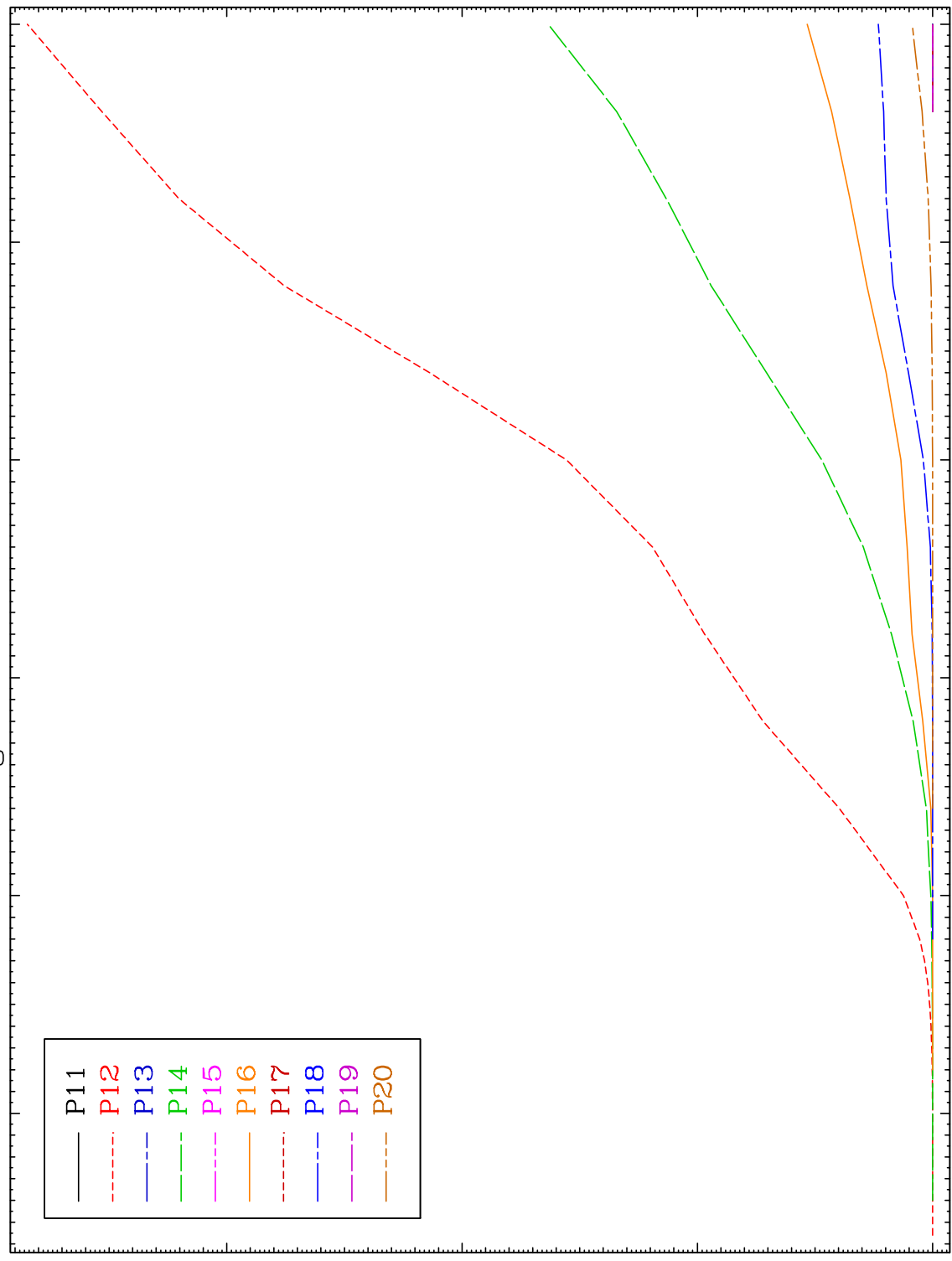
Elastic Legendre Coefficients

61-Pm-161m



$\times 10^{-4}$

Legendre (CM)



18

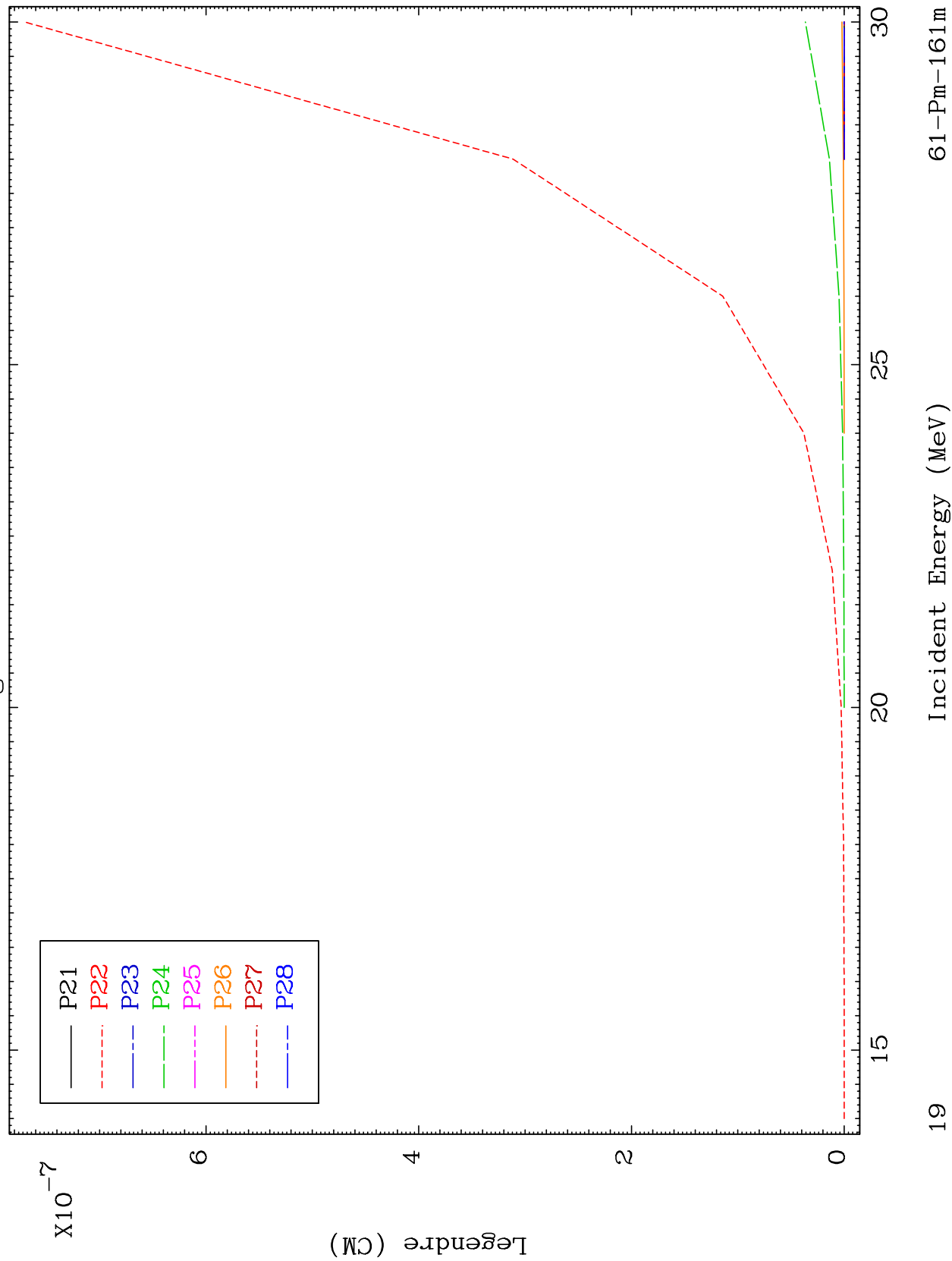
Incident Energy (MeV)

61-Pm-161m

MAT 6192

Elastic Legendre Coefficients

61-Pm-161m



19

61-Pm-161m

MAT 6192

Inelastic
Radionuclide Production Cross Section

61-Pm-161m

