

Program EVALPLOT
(Version 2021-1)

by

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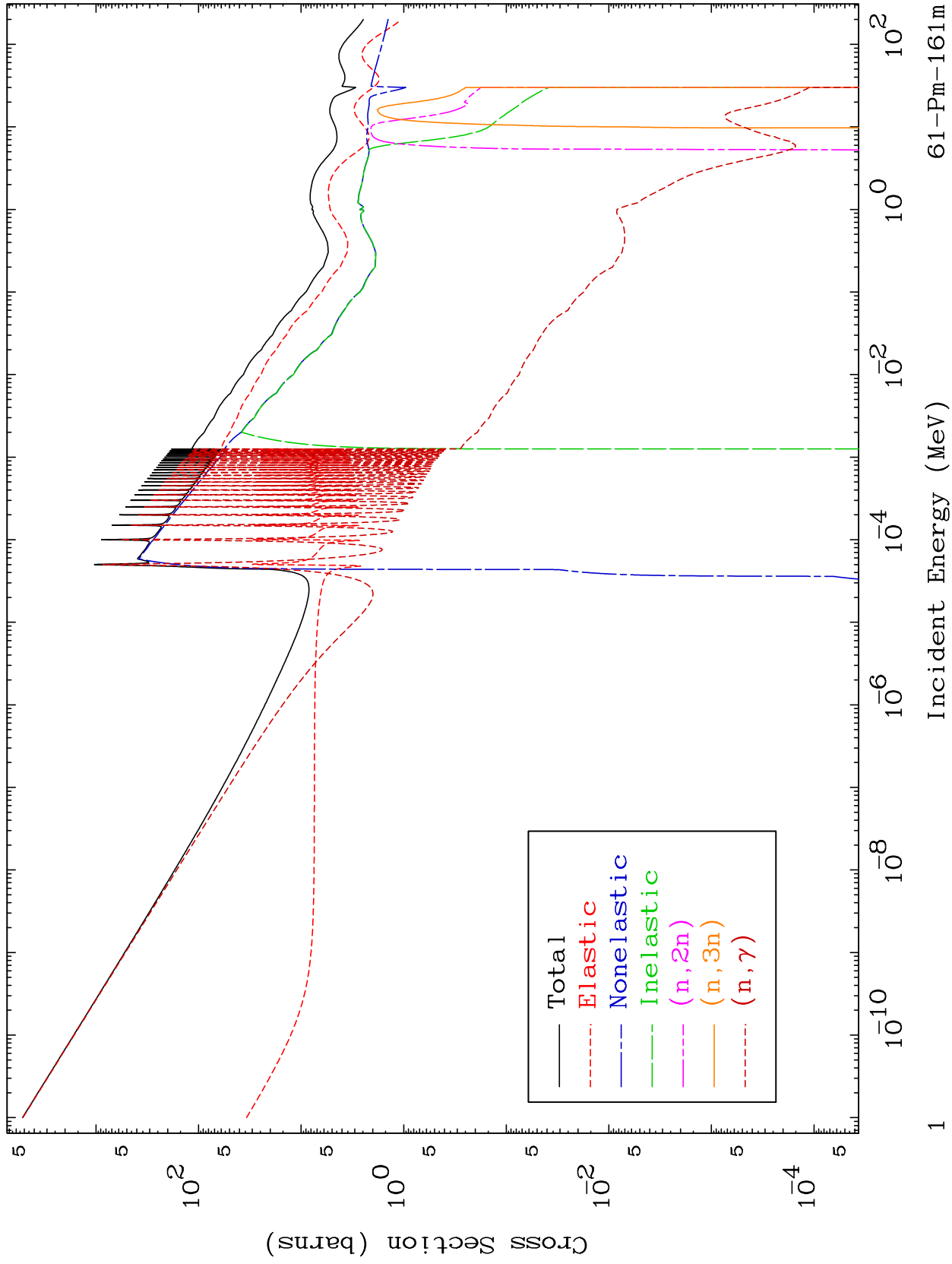
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6192

Neutron Major
293 Kelvin Cross Sections

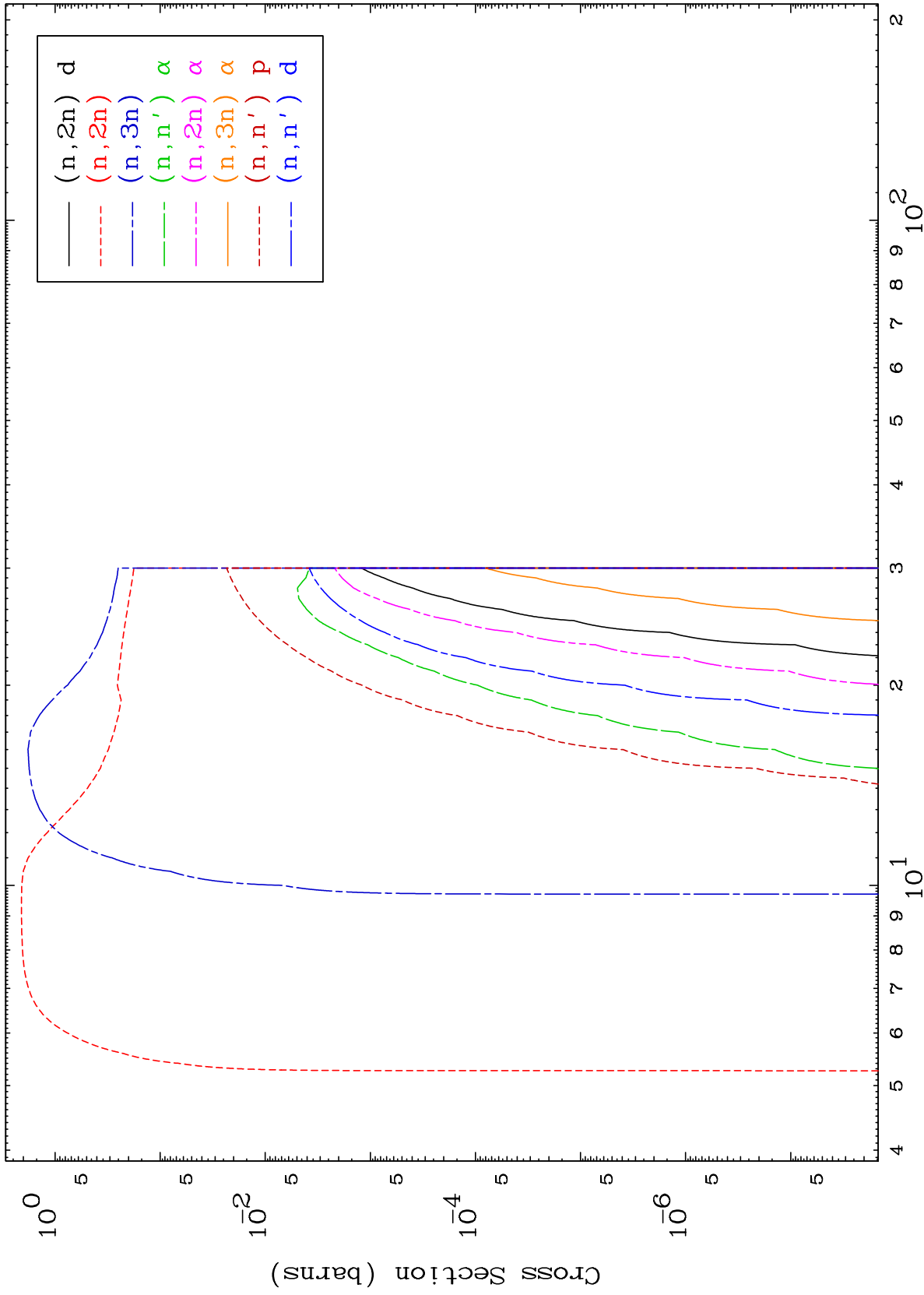
61-Pm-161m



MAT 6192

Neutron Absorption 293 Kelvin Cross Sections

61-Pm-161m



2

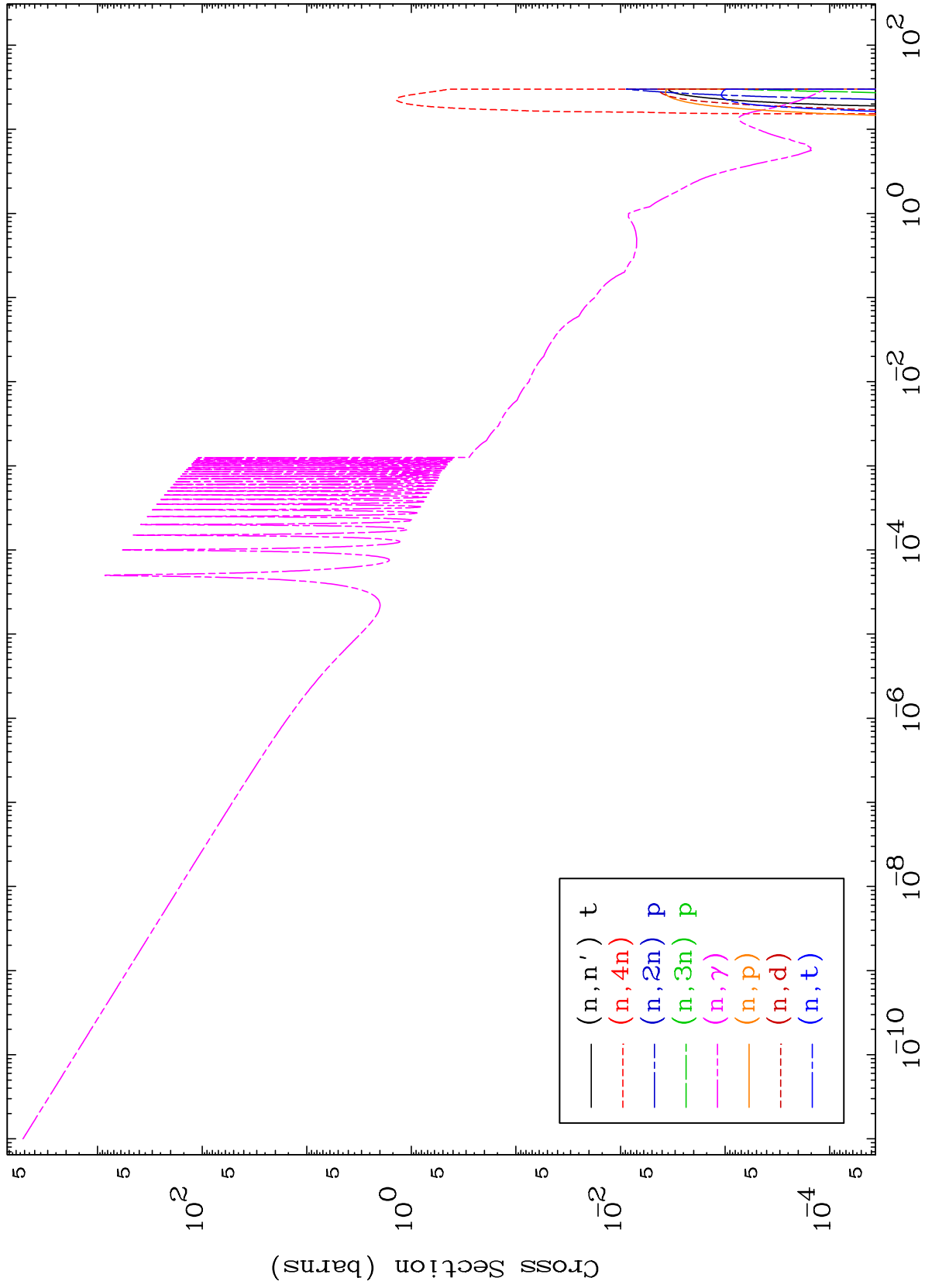
Incident Energy (MeV)

61-Pm-161m

MAT 6192

Neutron Absorption
293 Kelvin Cross Sections

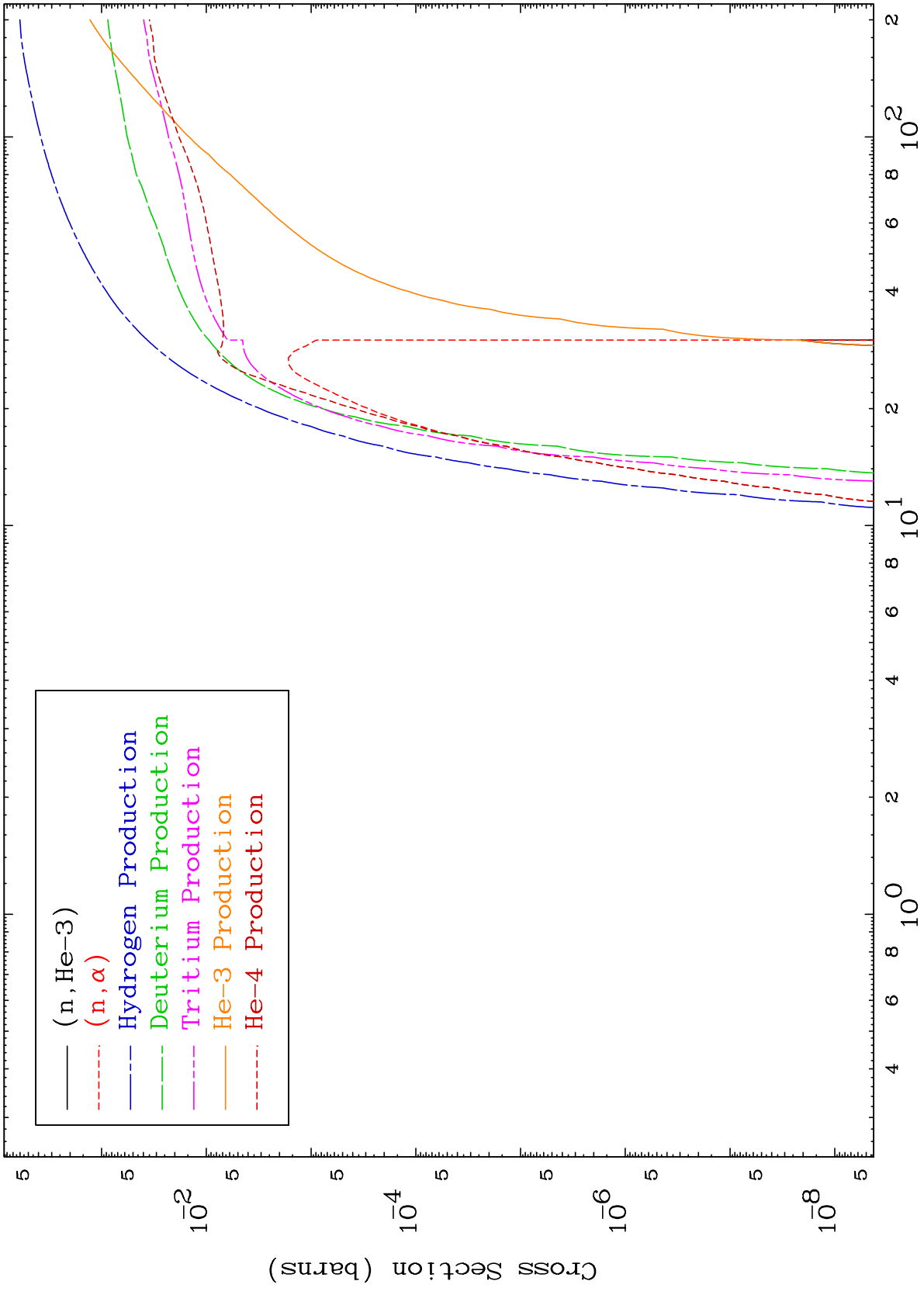
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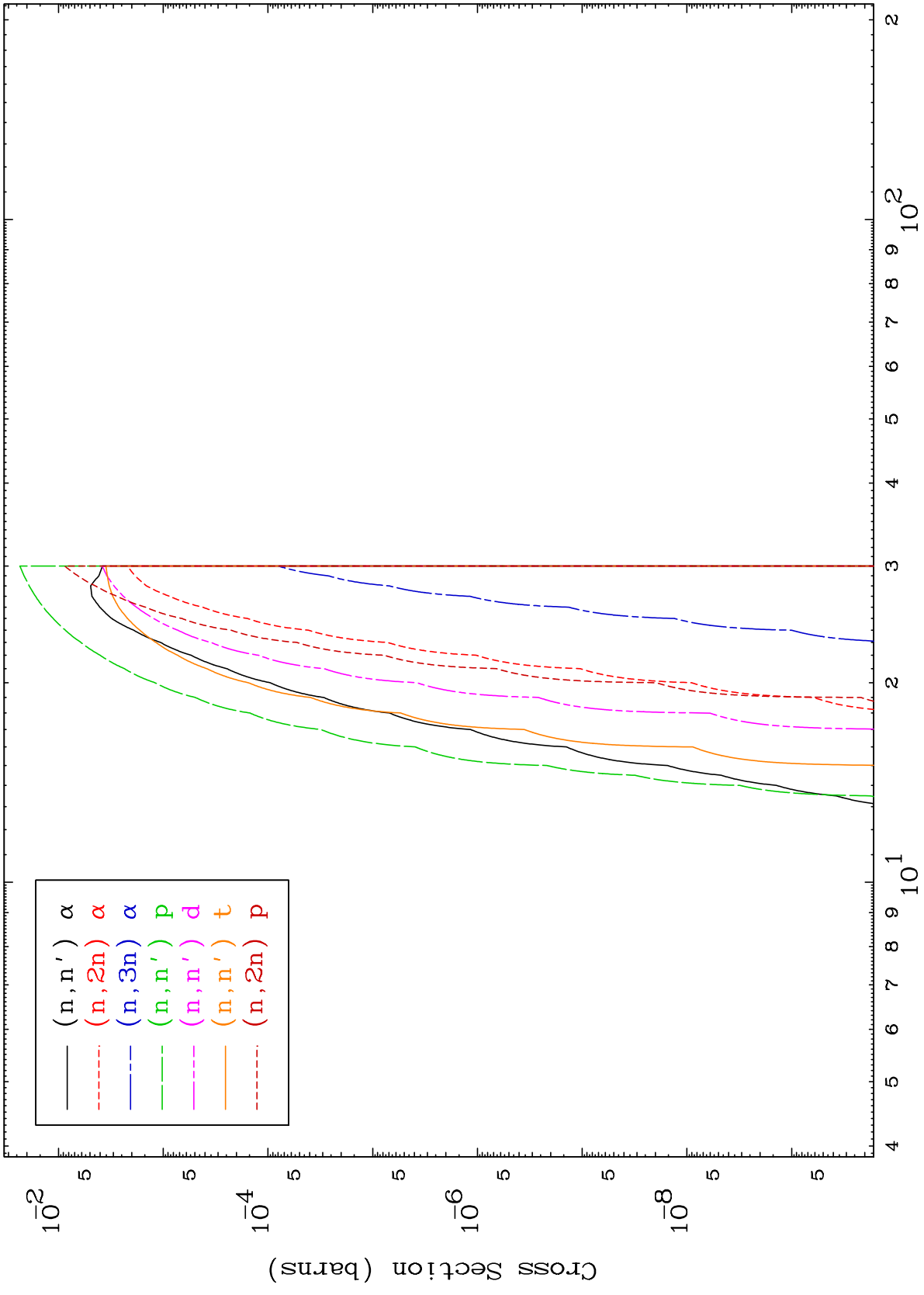


MAT 6192

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-161m

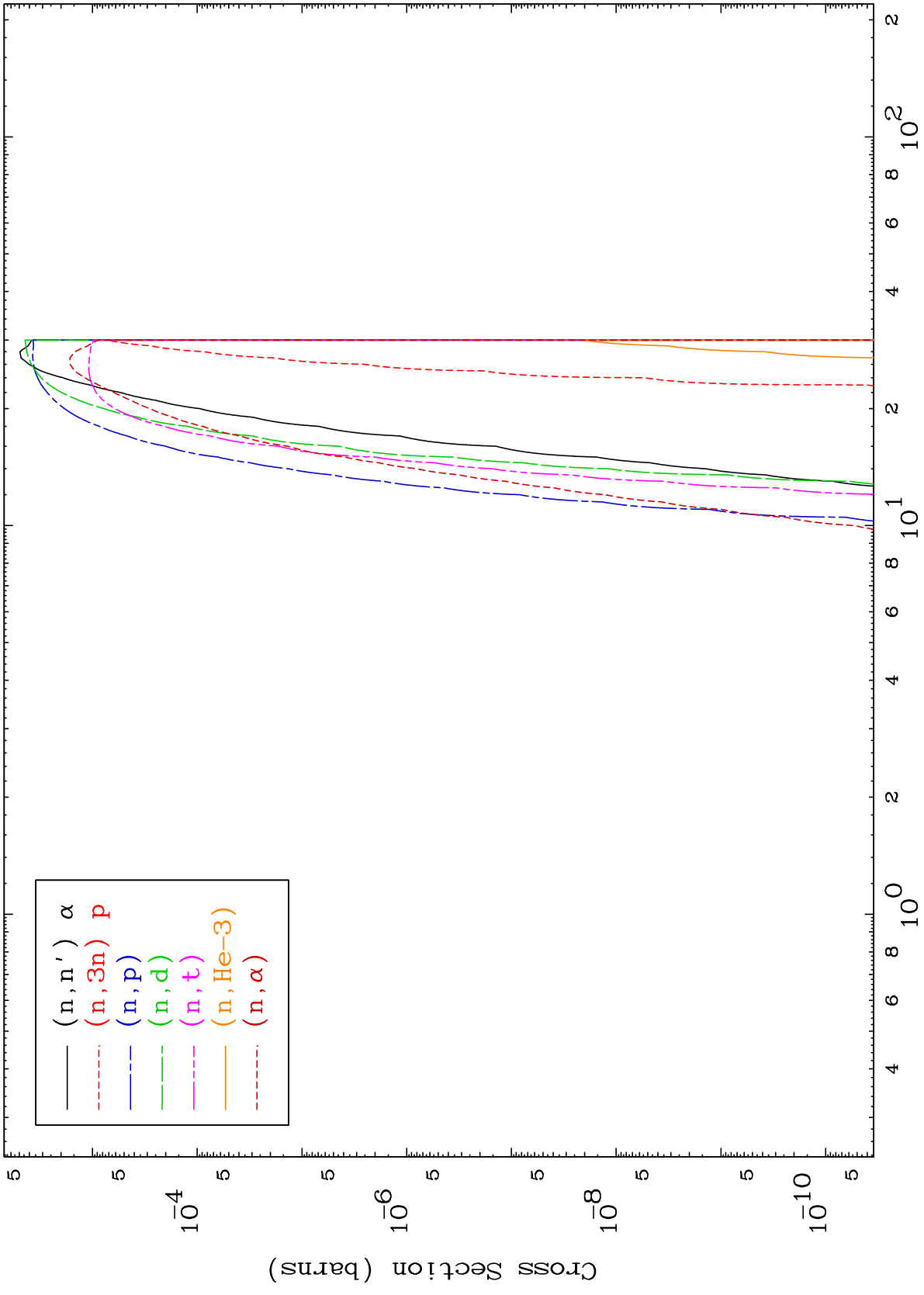




MAT 6192

Charged Particle
293 Kelvin Cross Sections

61-Pm-161m



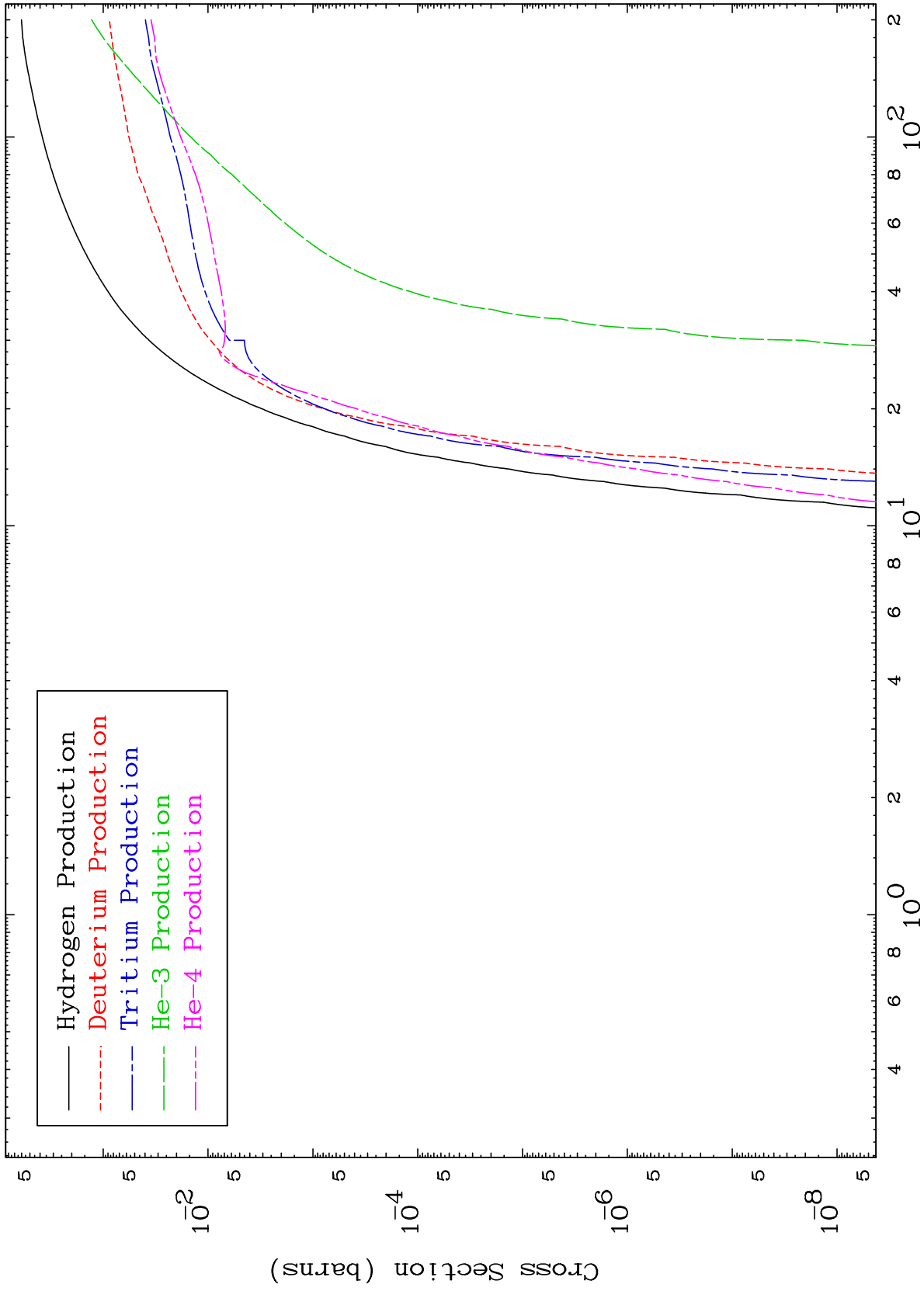
6

61-Pm-161m

MAT 6192

Particle Production
293 Kelvin Cross Sections

61-Pm-161m



7

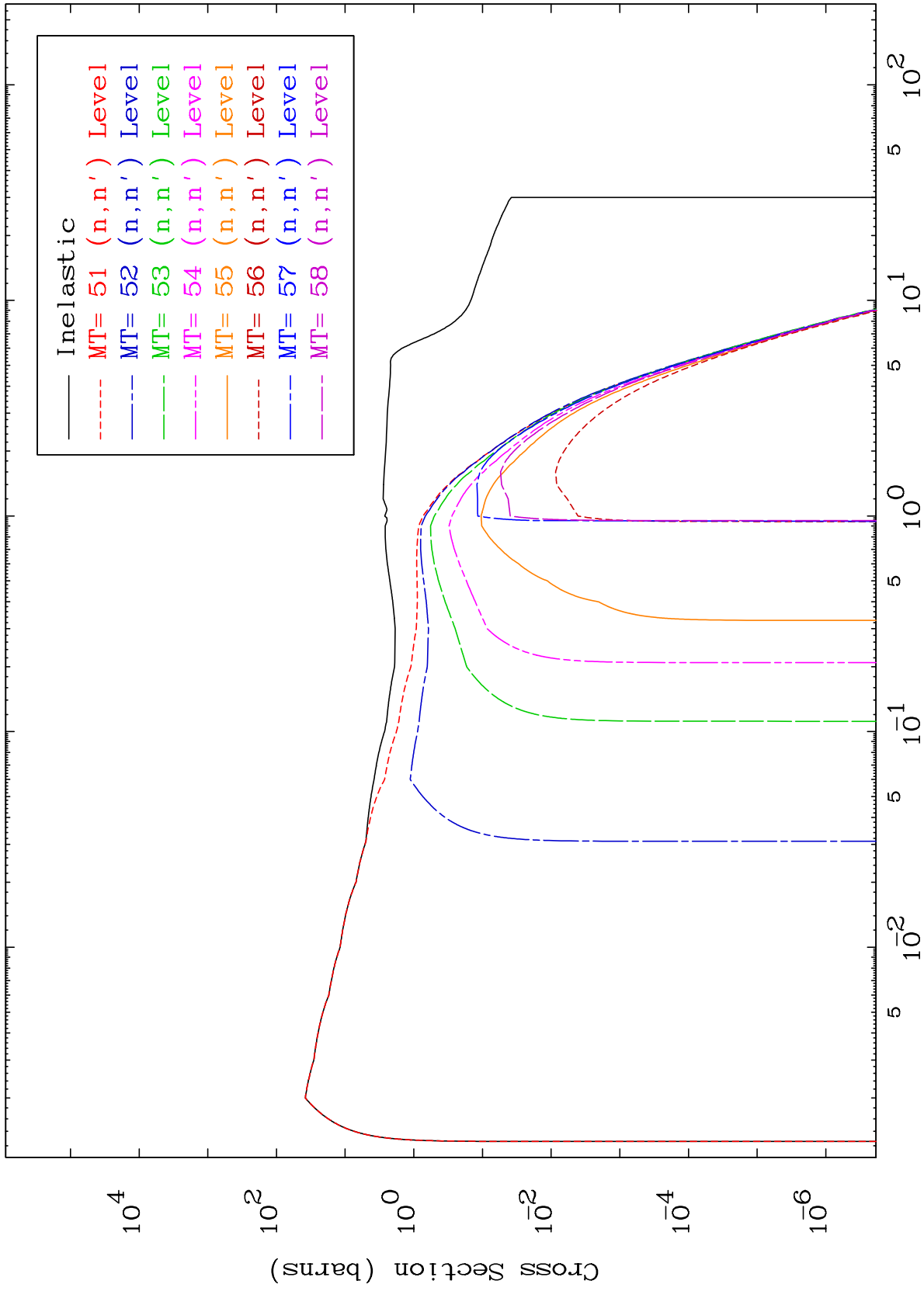
Incident Energy (MeV)

61-Pm-161m

MAT 6192

(n,n') Levels
293 Kelvin Cross Sections

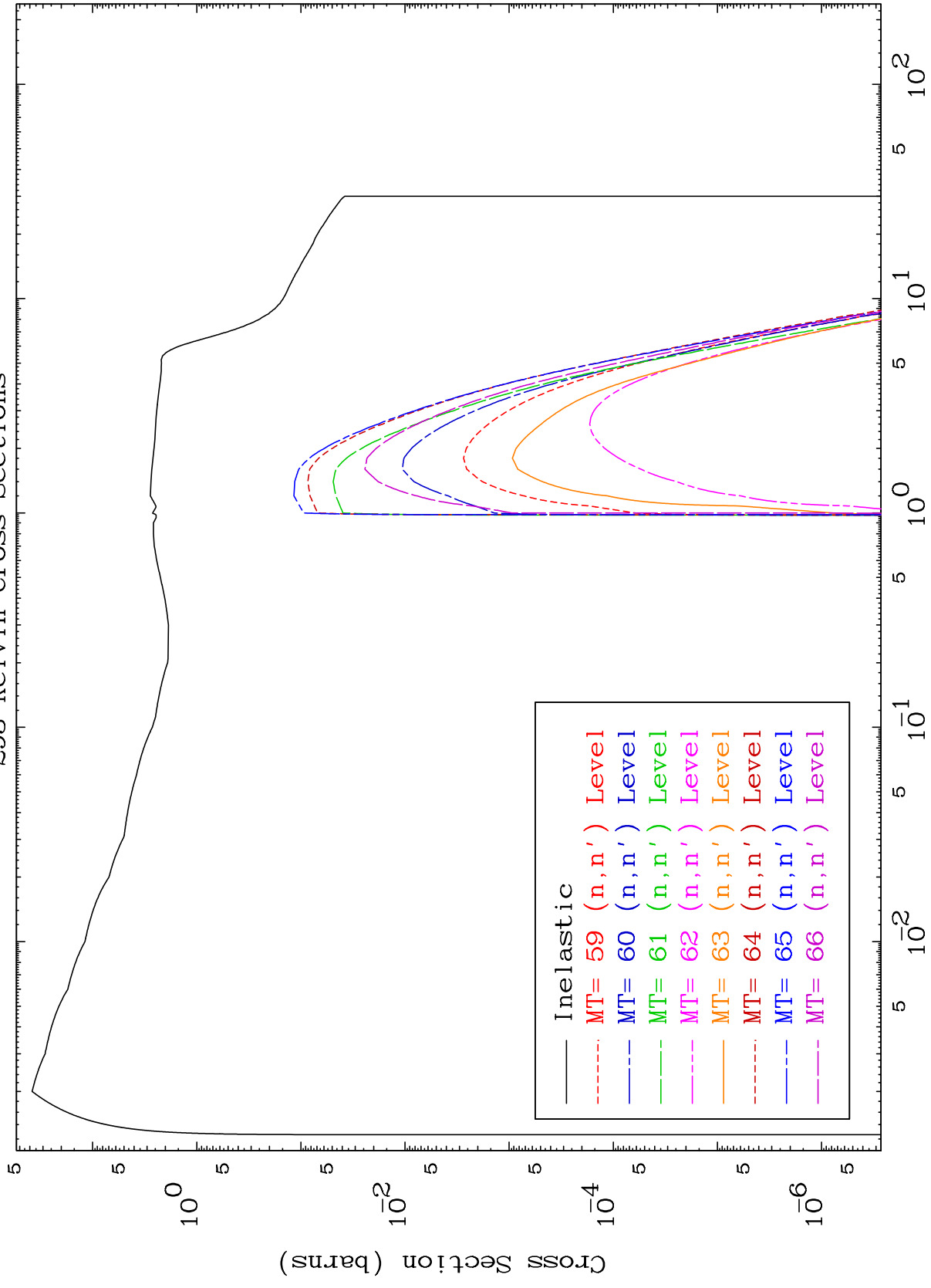
61-Pm-161m



MAT 6192

(n,n') Levels
293 Kelvin Cross Sections

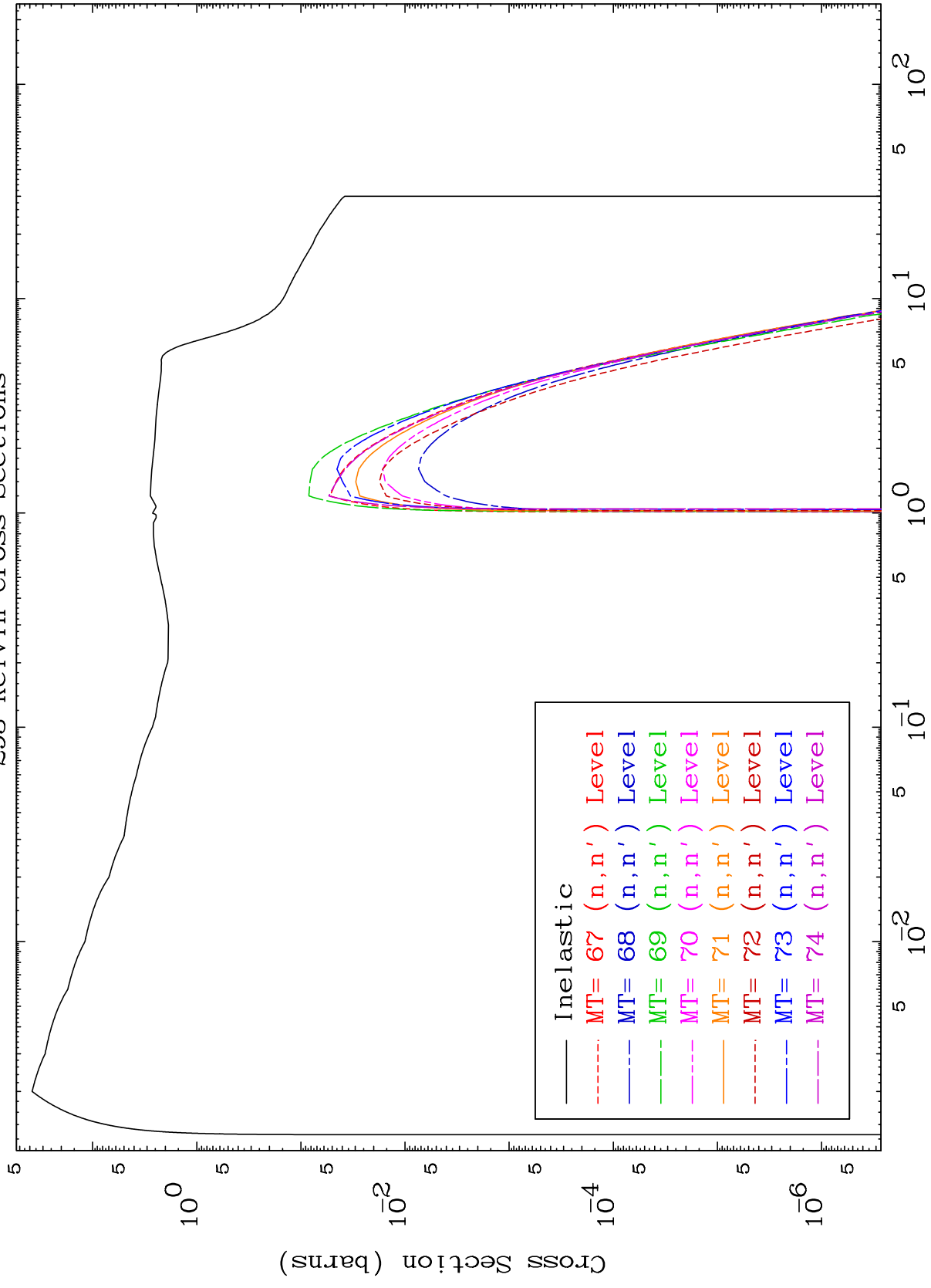
61-Pm-161m



MAT 6192

(n,n') Levels
293 Kelvin Cross Sections

61-Pm-161m



10

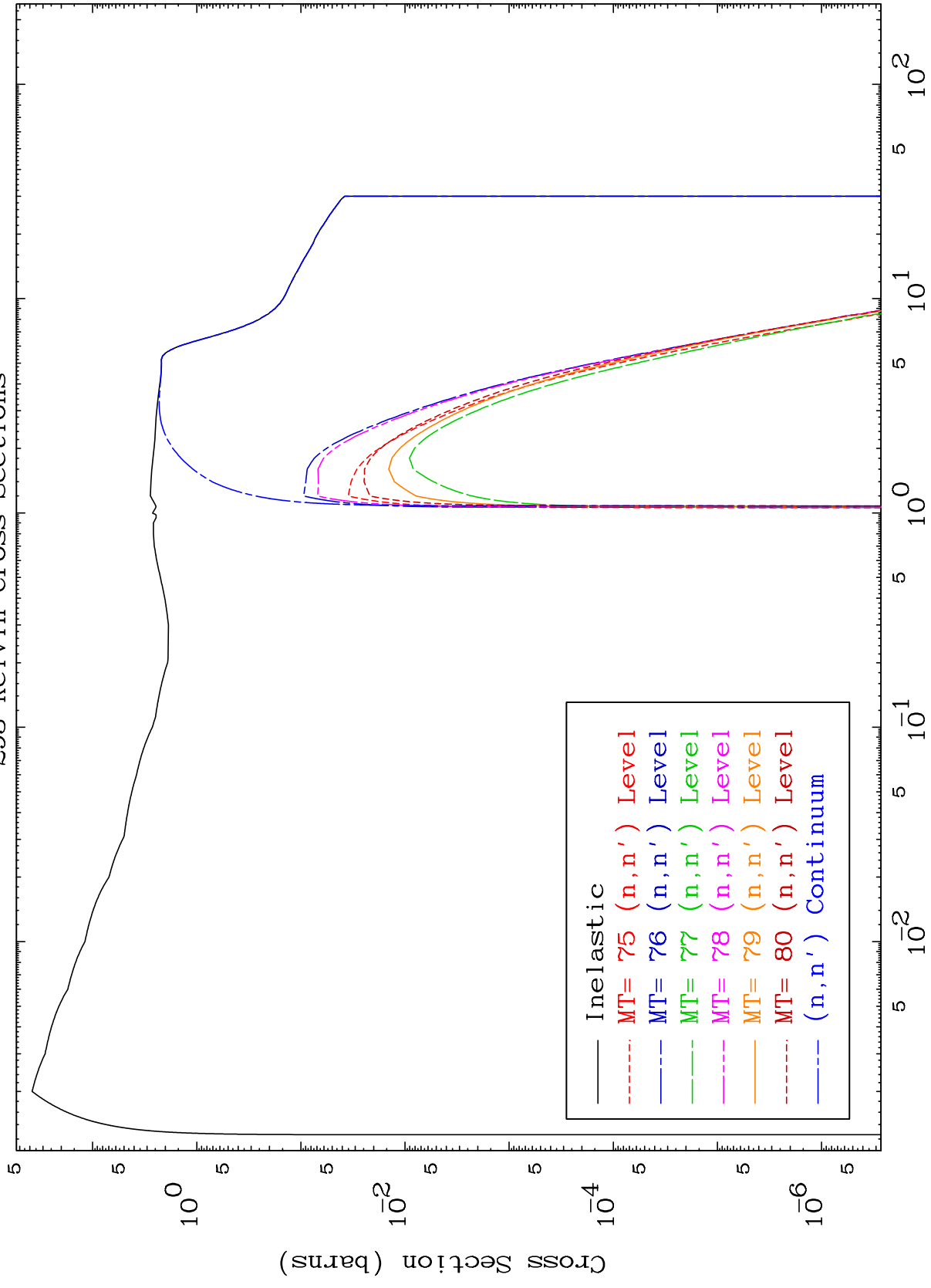
Incident Energy (MeV)

61-Pm-161m

MAT 6192

(n,n') Levels
293 Kelvin Cross Sections

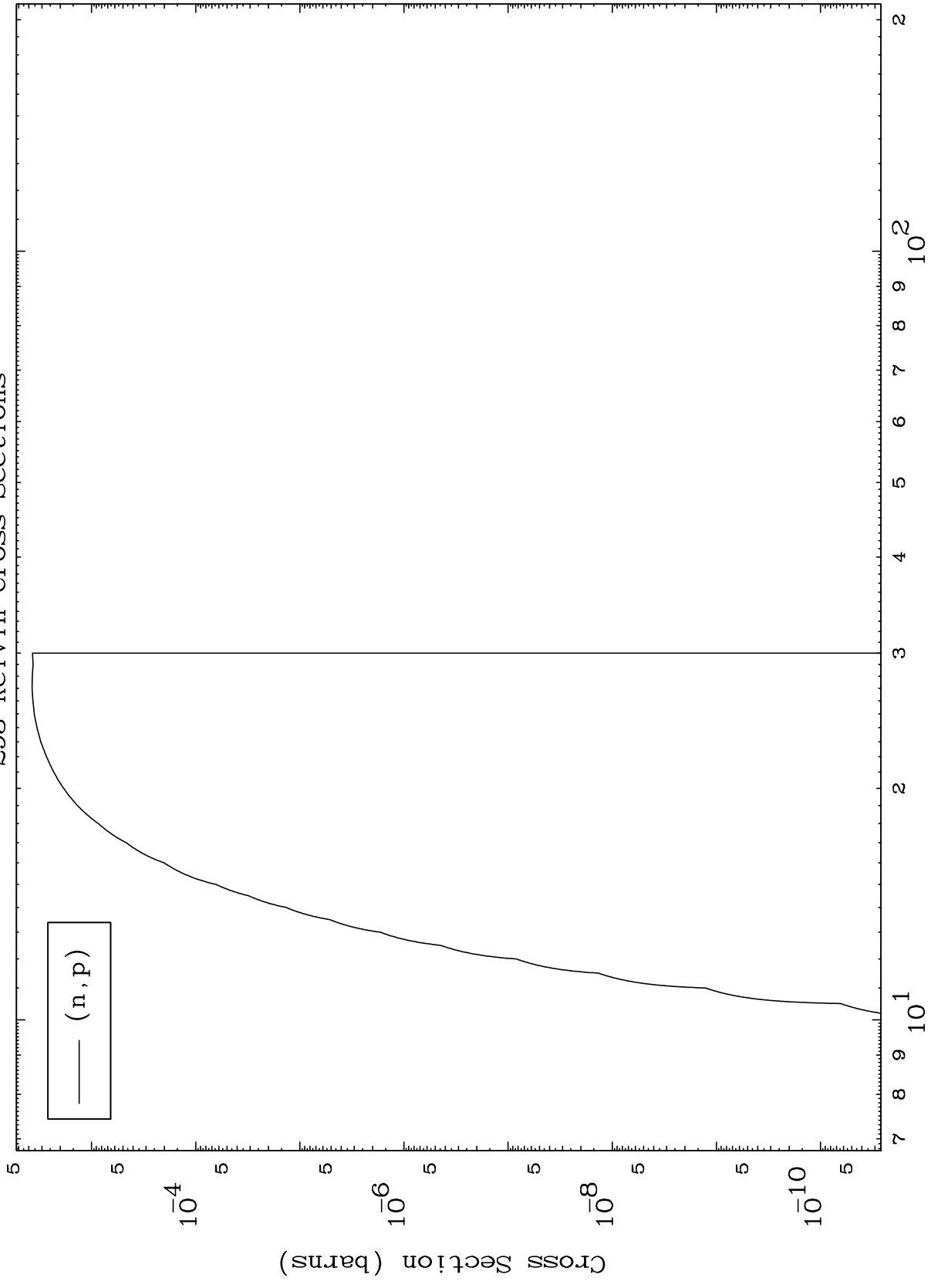
61-Pm-161m



MAT 6192

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-161m



12

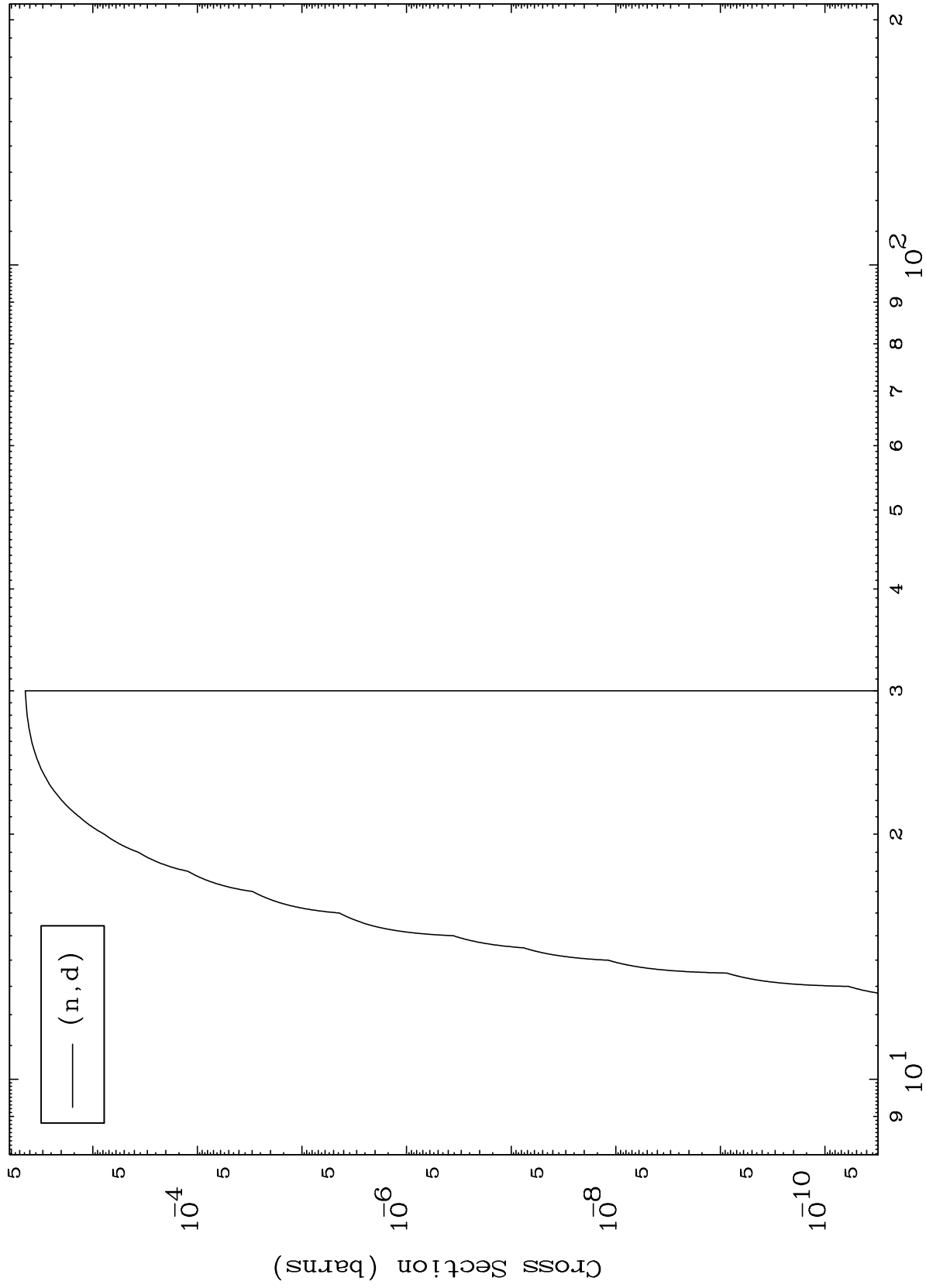
Incident Energy (MeV)

61-Pm-161m

MAT 6192

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-161m



13

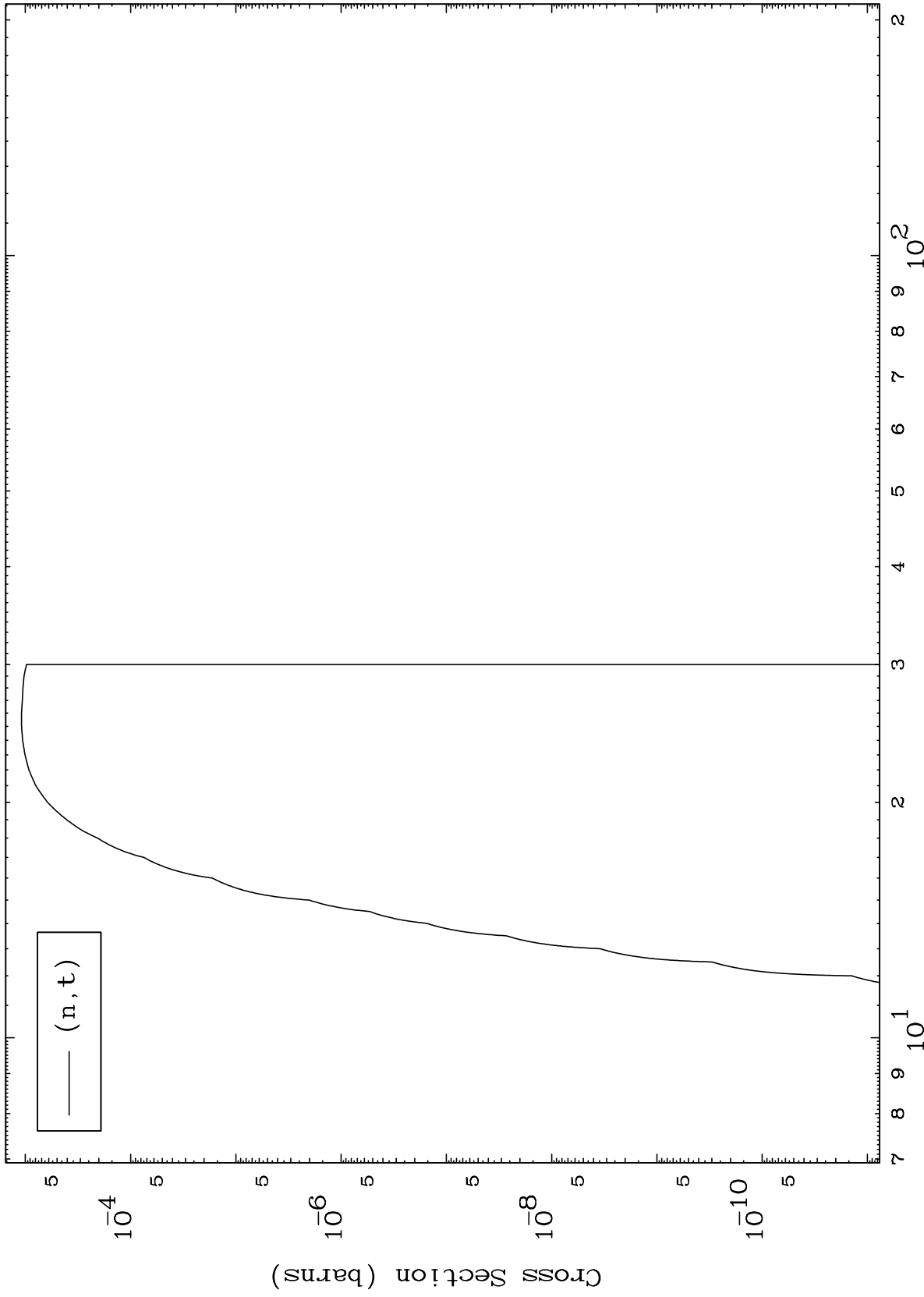
Incident Energy (MeV)

61-Pm-161m

MAT 6192

(n,t) Levels
293 Kelvin Cross Sections

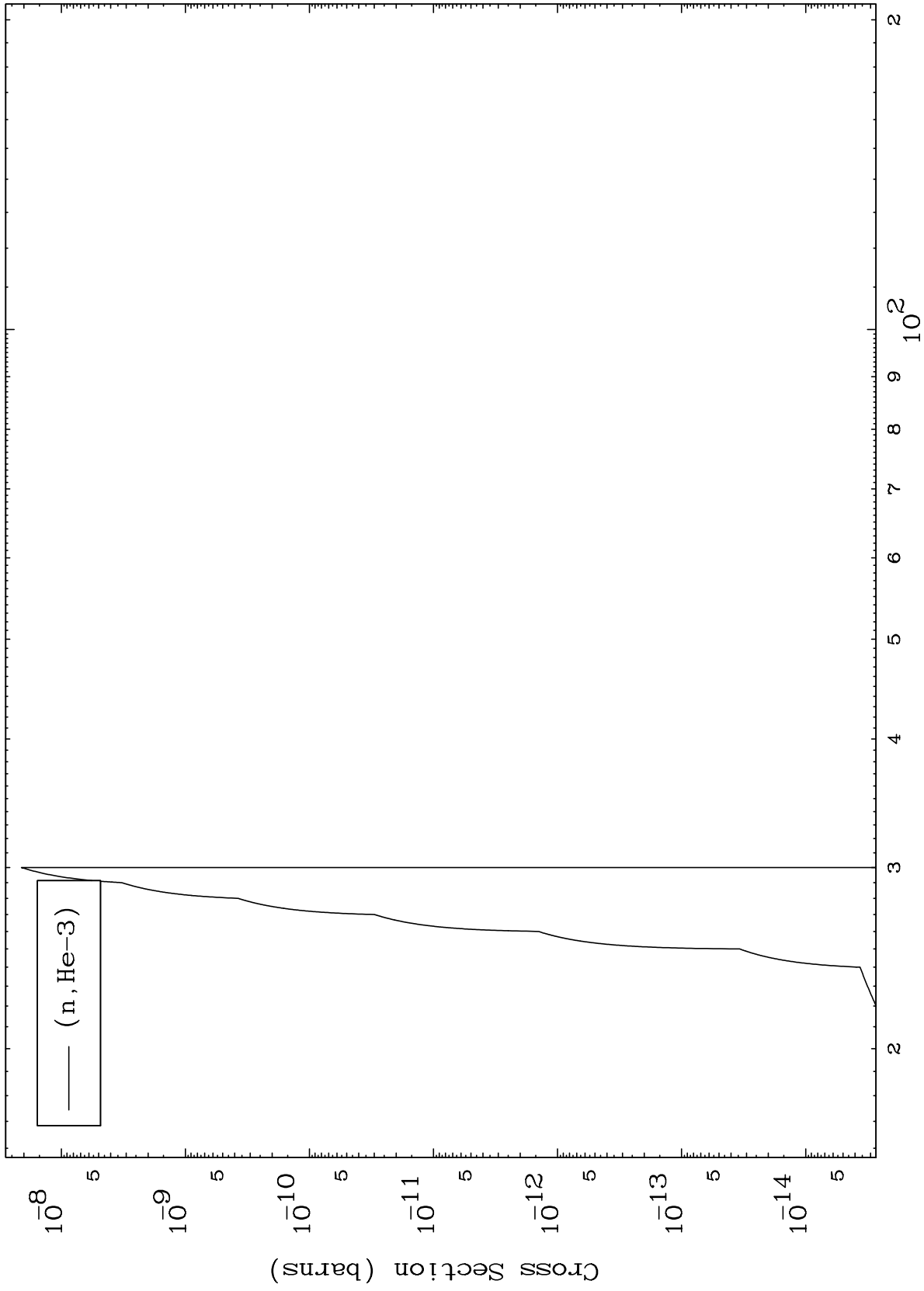
61-Pm-161m



14

Incident Energy (MeV)

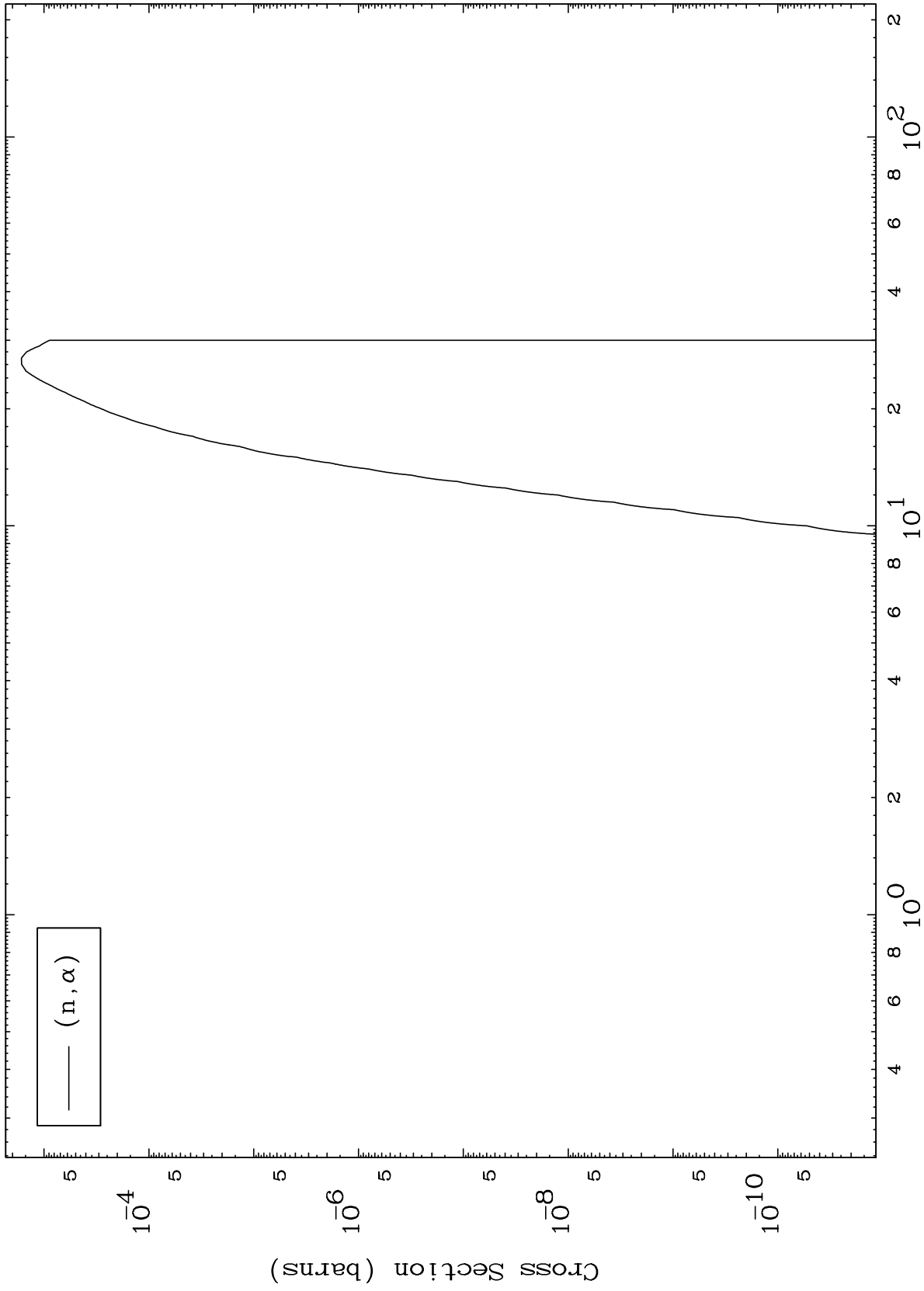
61-Pm-161m



MAT 6192

(n,α) Levels
293 Kelvin Cross Sections

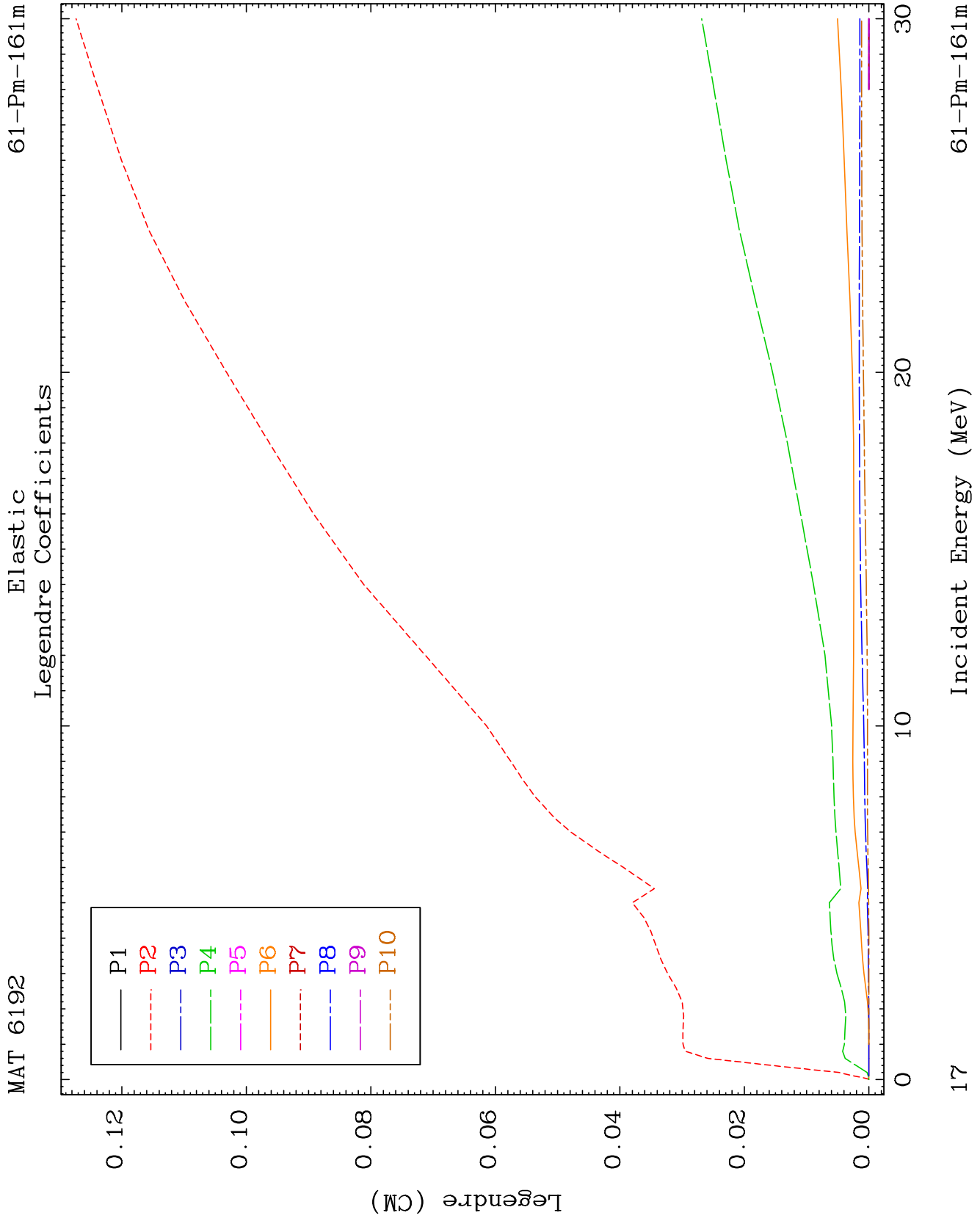
61-Pm-161m



16

Incident Energy (MeV)

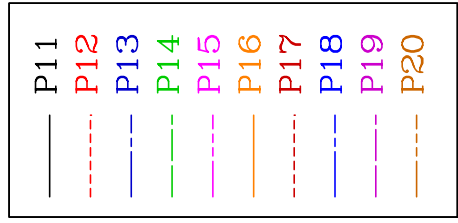
61-Pm-161m



MAT 6192

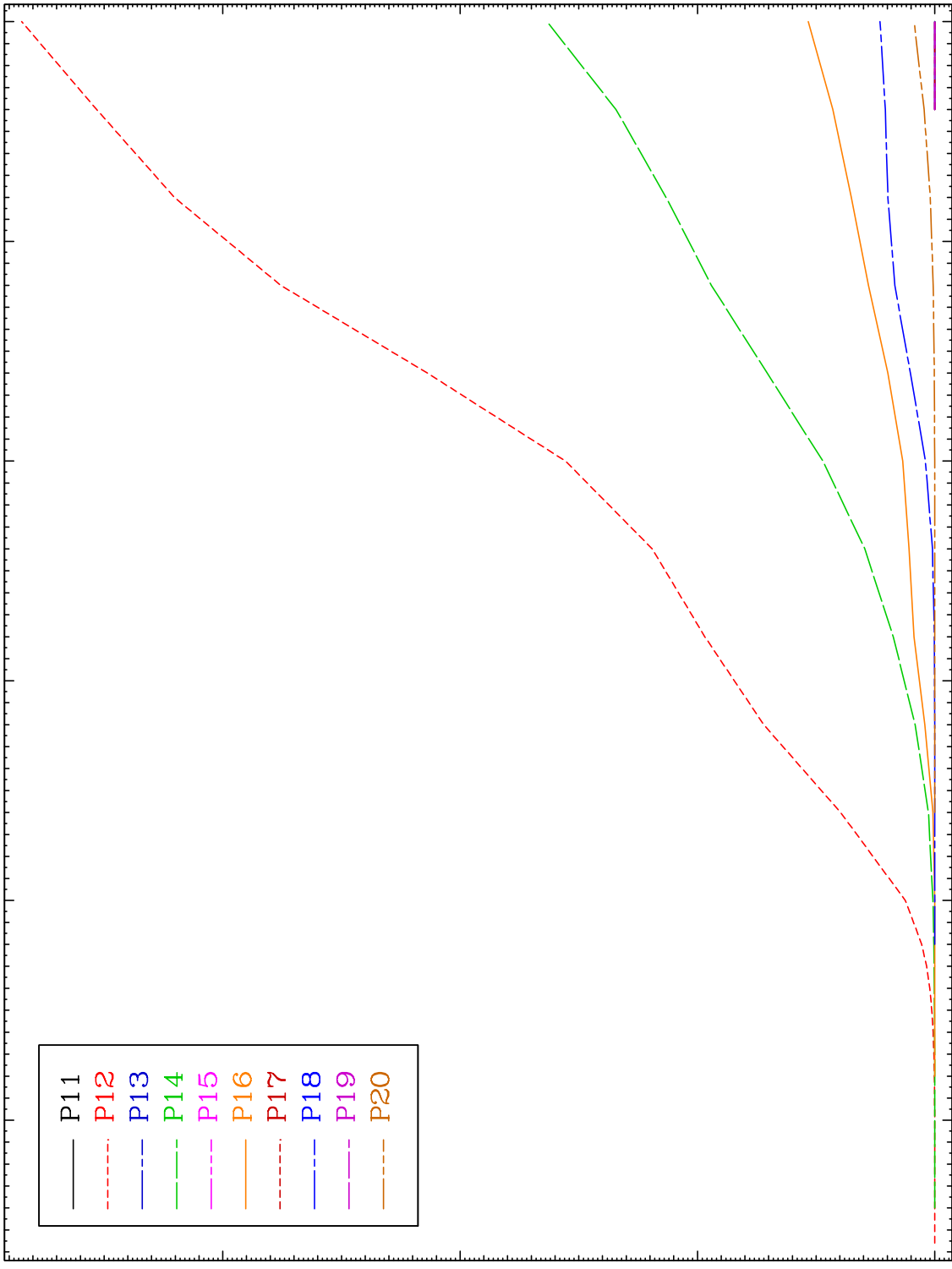
Elastic Legendre Coefficients

61-Pm-161m



$\times 10^{-4}$

Legendre (CM)



18

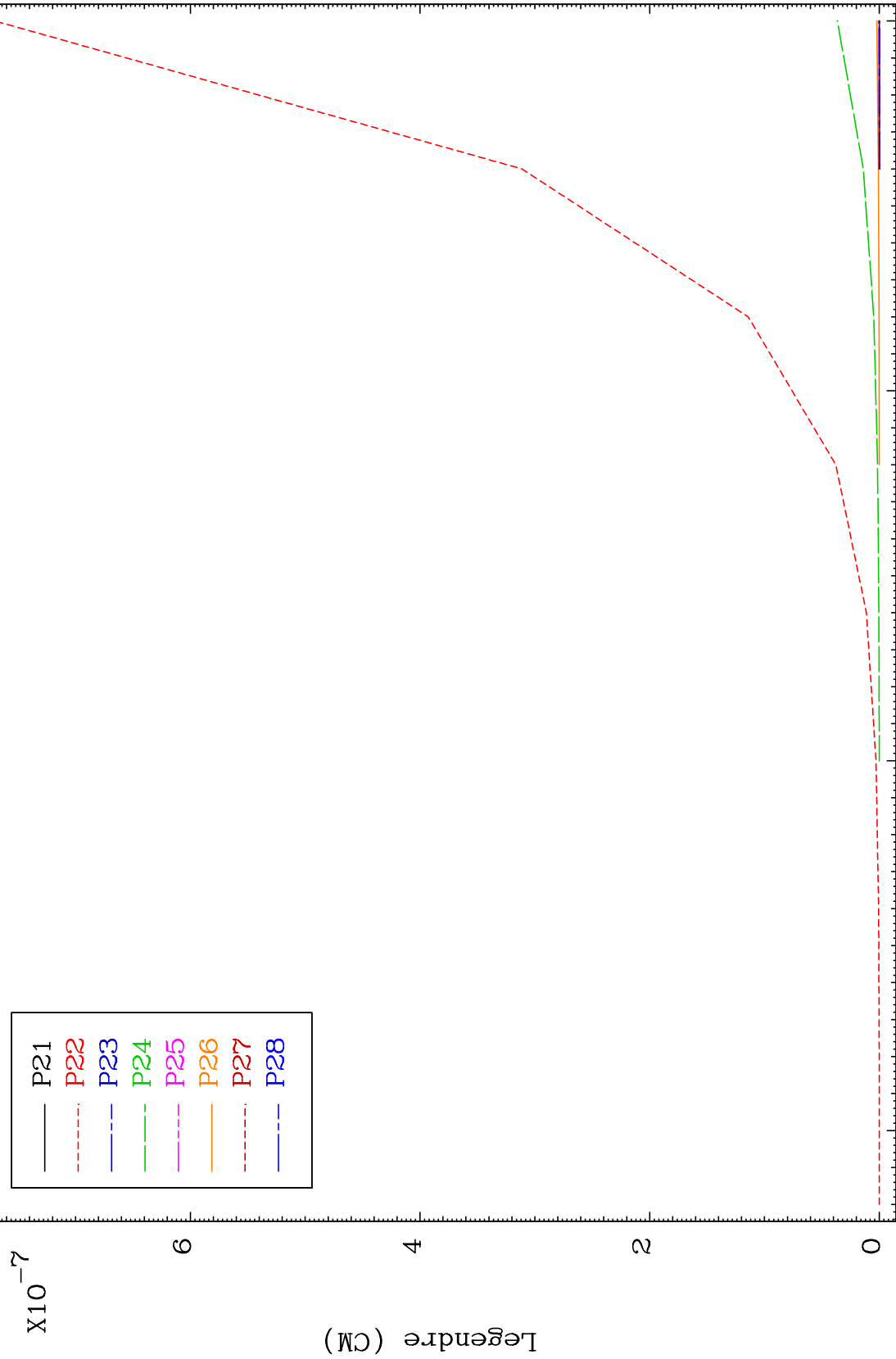
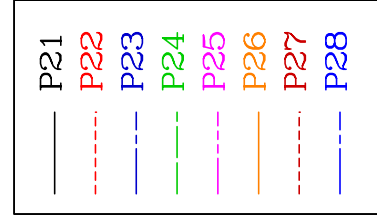
Incident Energy (MeV)

61-Pm-161m

MAT 6192

Elastic Legendre Coefficients

61-Pm-161m



19

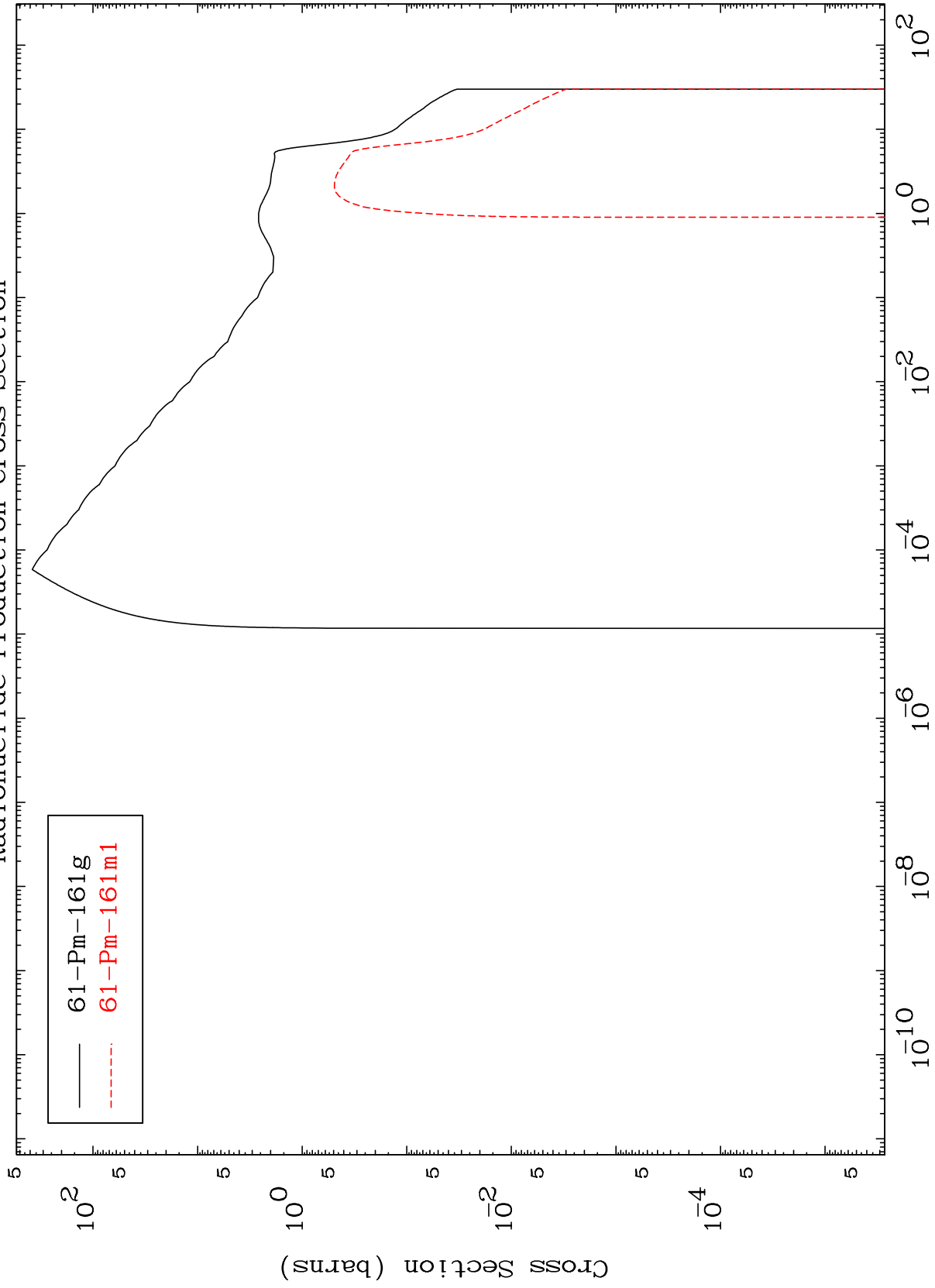
Incident Energy (MeV)

61-Pm-161m

MAT 6192

Inelastic
Radionuclide Production Cross Section

61-Pm-161m



61-Pm-161m