

Program EVALPLOT
(Version 2021-1)

by

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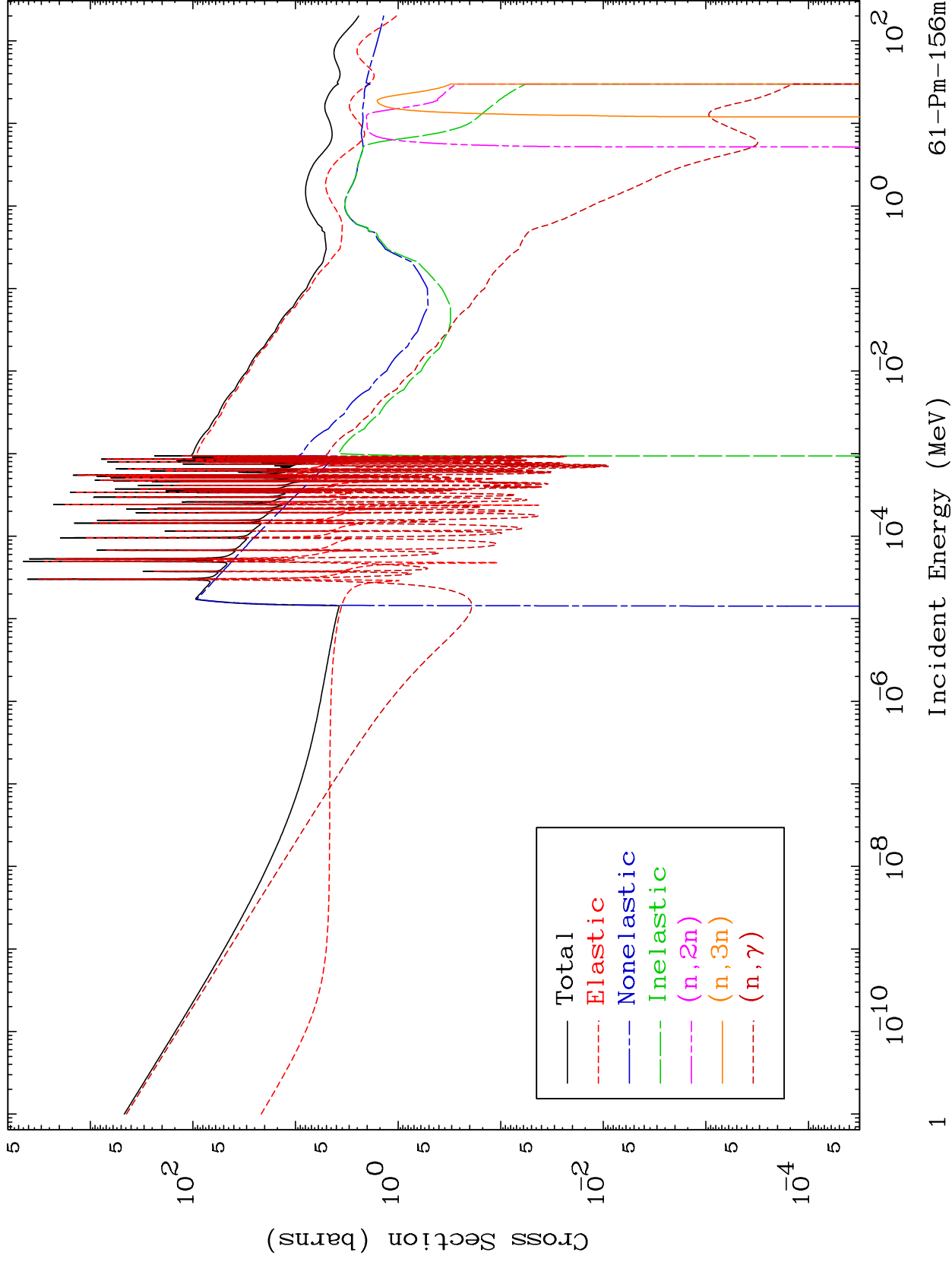
Web: redcullen1.net/HOMEPAGE.NEW

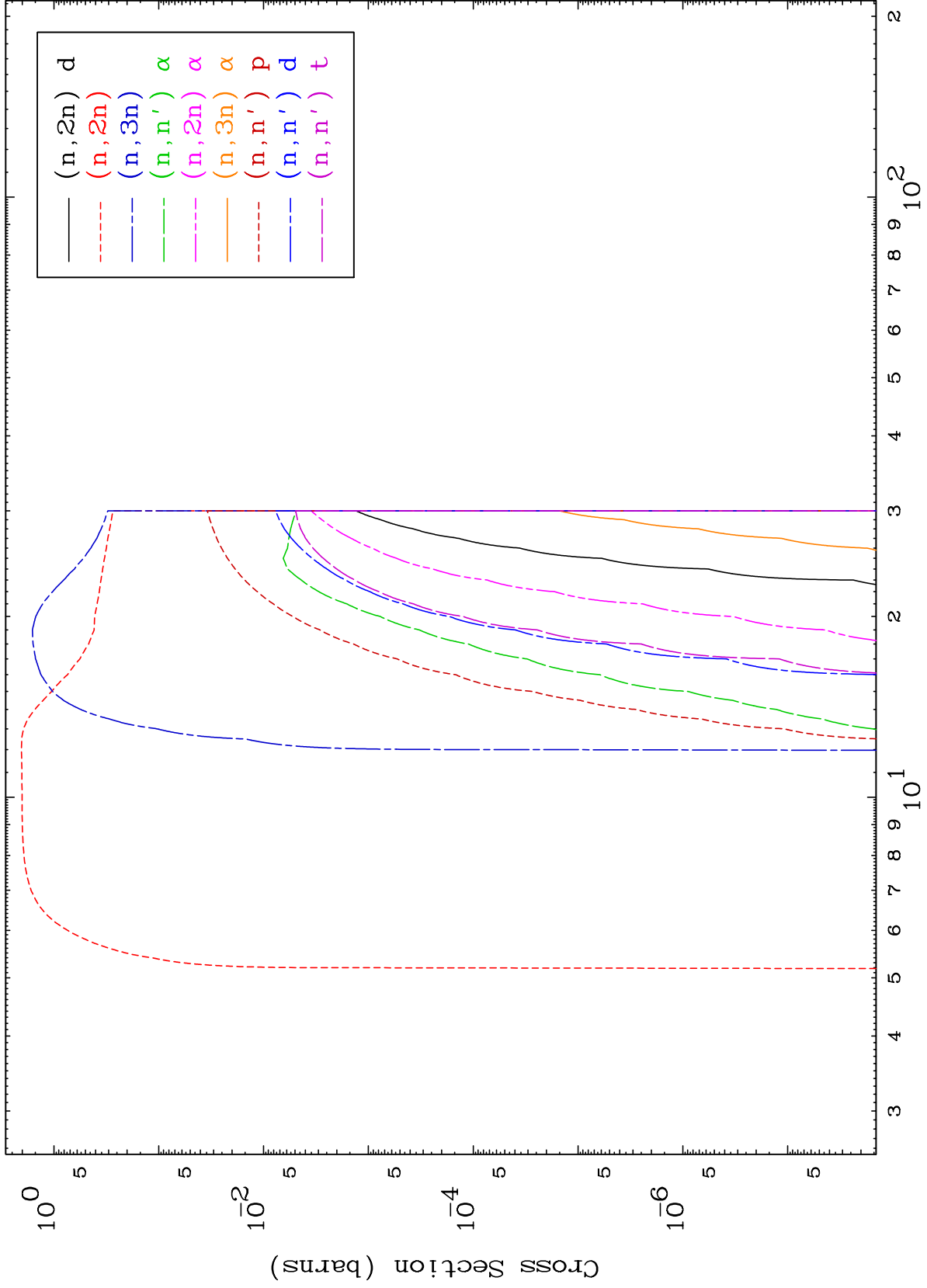
Press Mouse Button to Start

MAT 6177

Neutron Major
293 Kelvin Cross Sections

61-Pm-156m

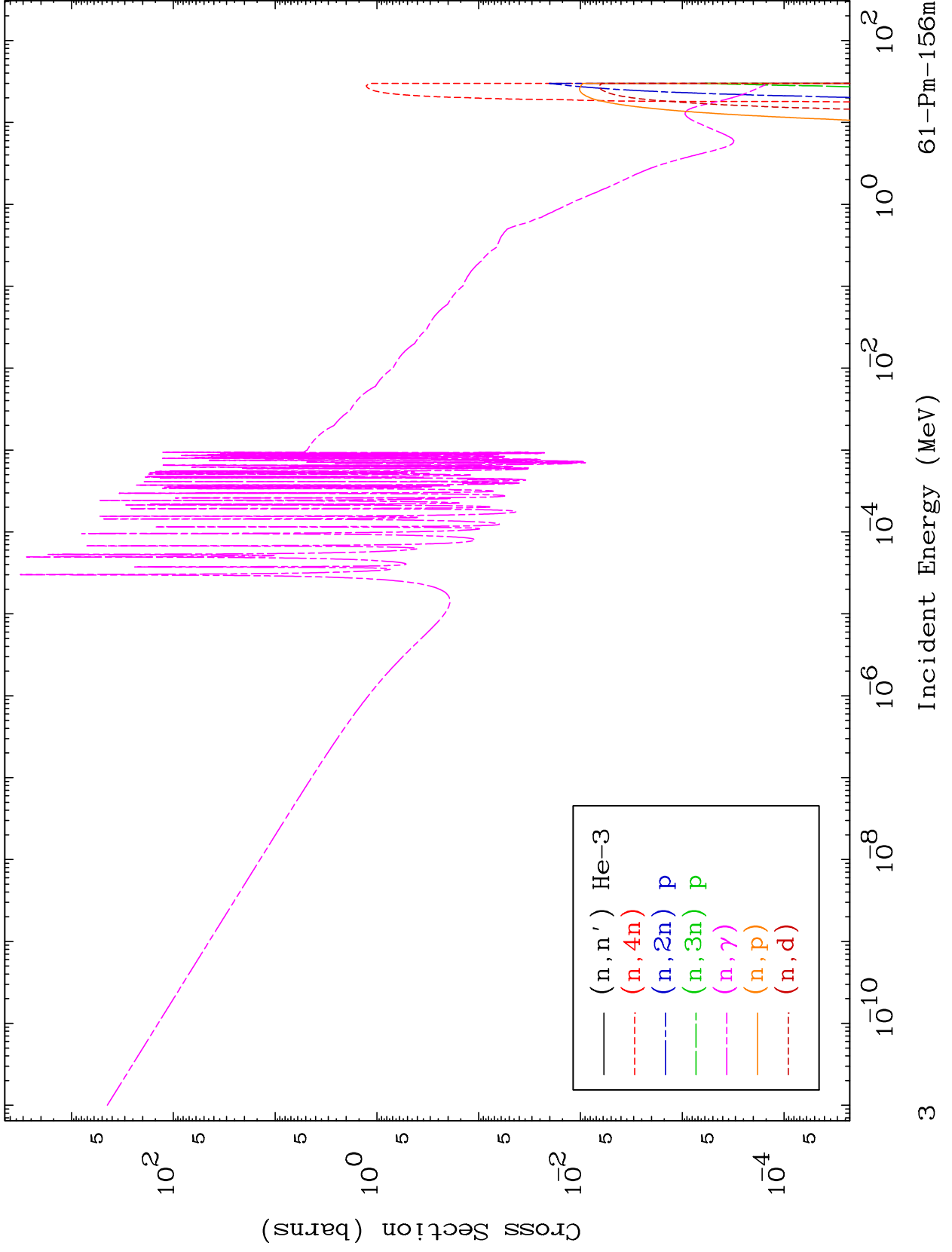




MAT 6177

Neutron Absorption
293 Kelvin Cross Sections

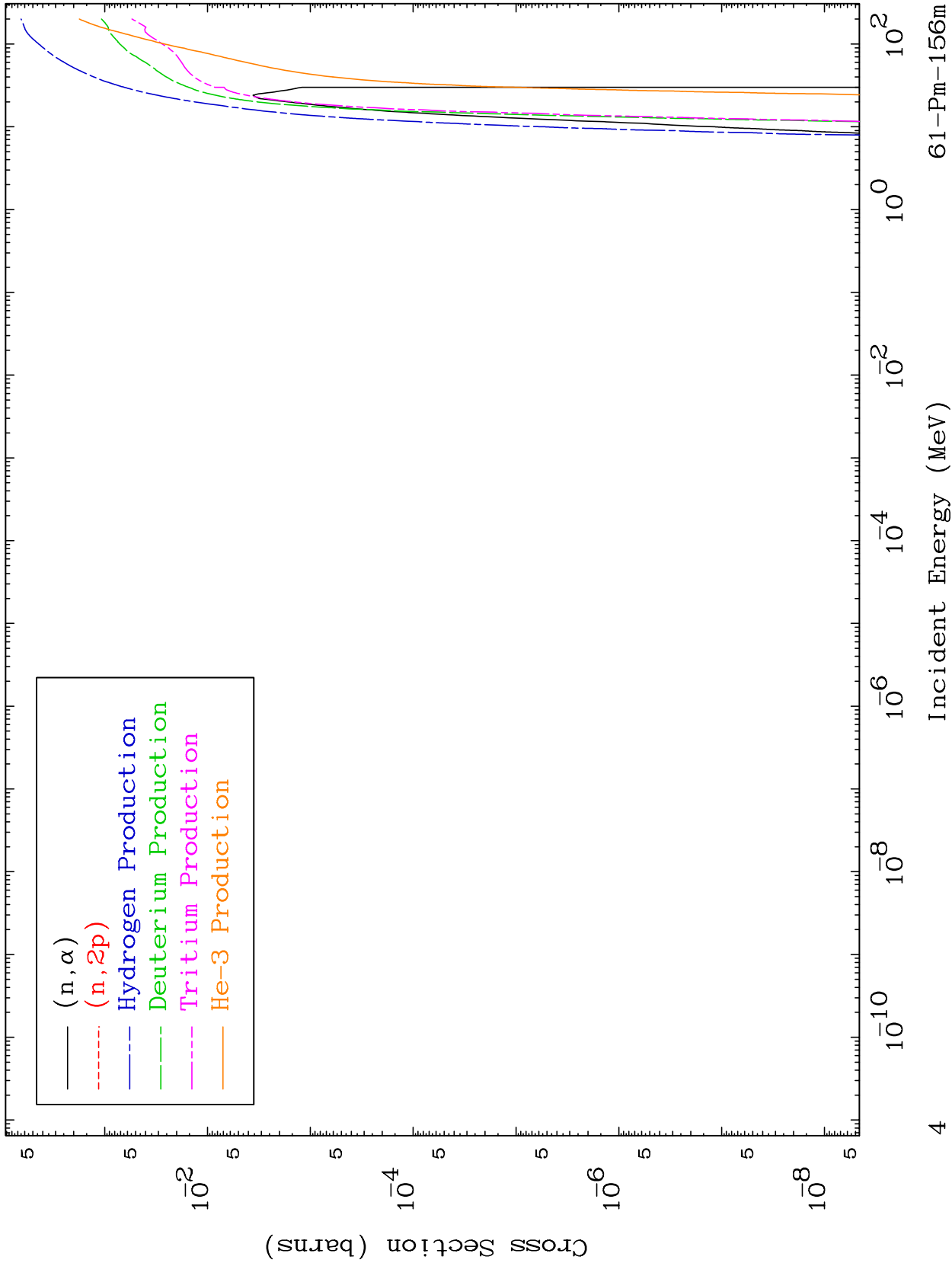
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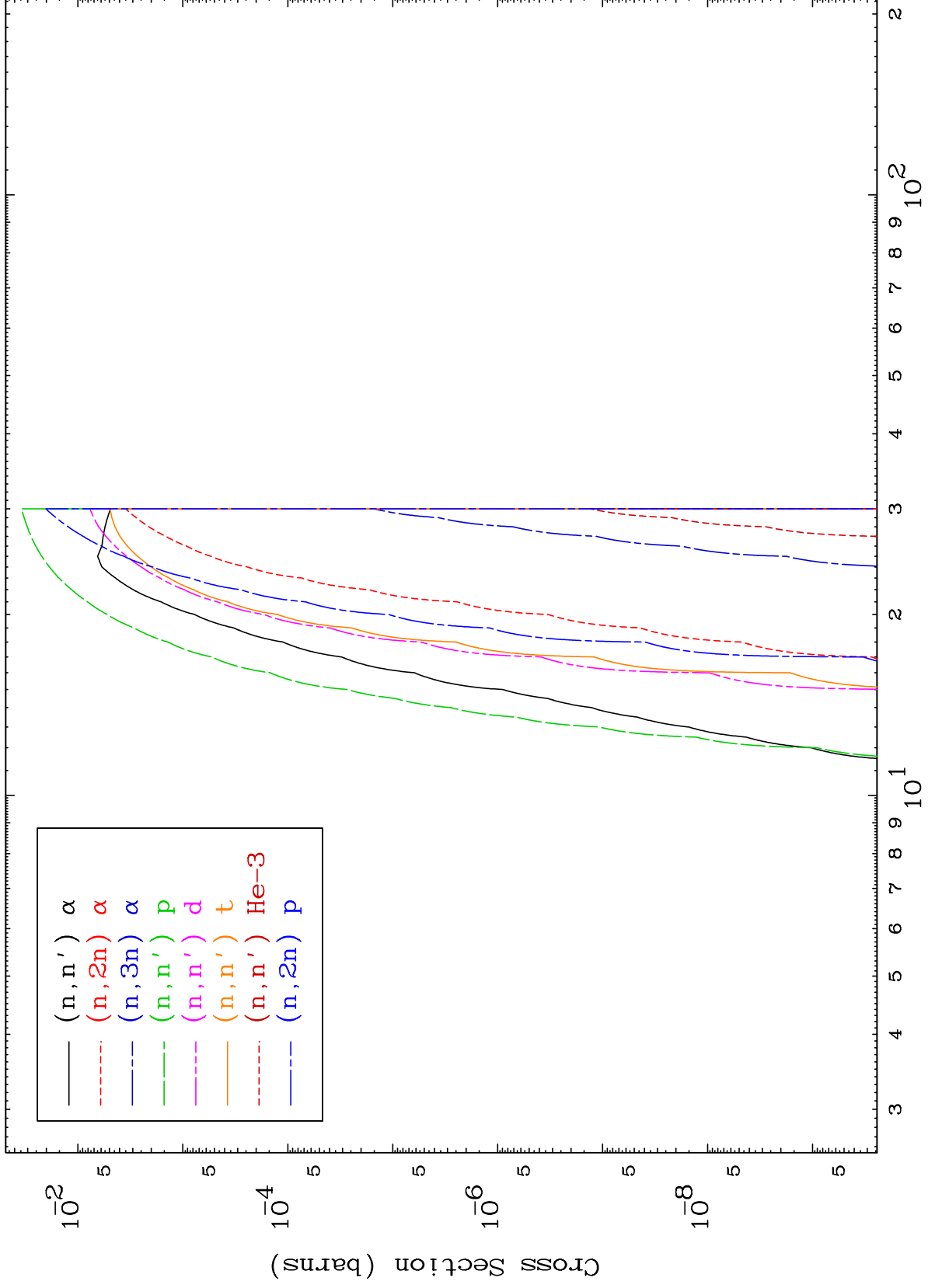


MAT 6177

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-156m

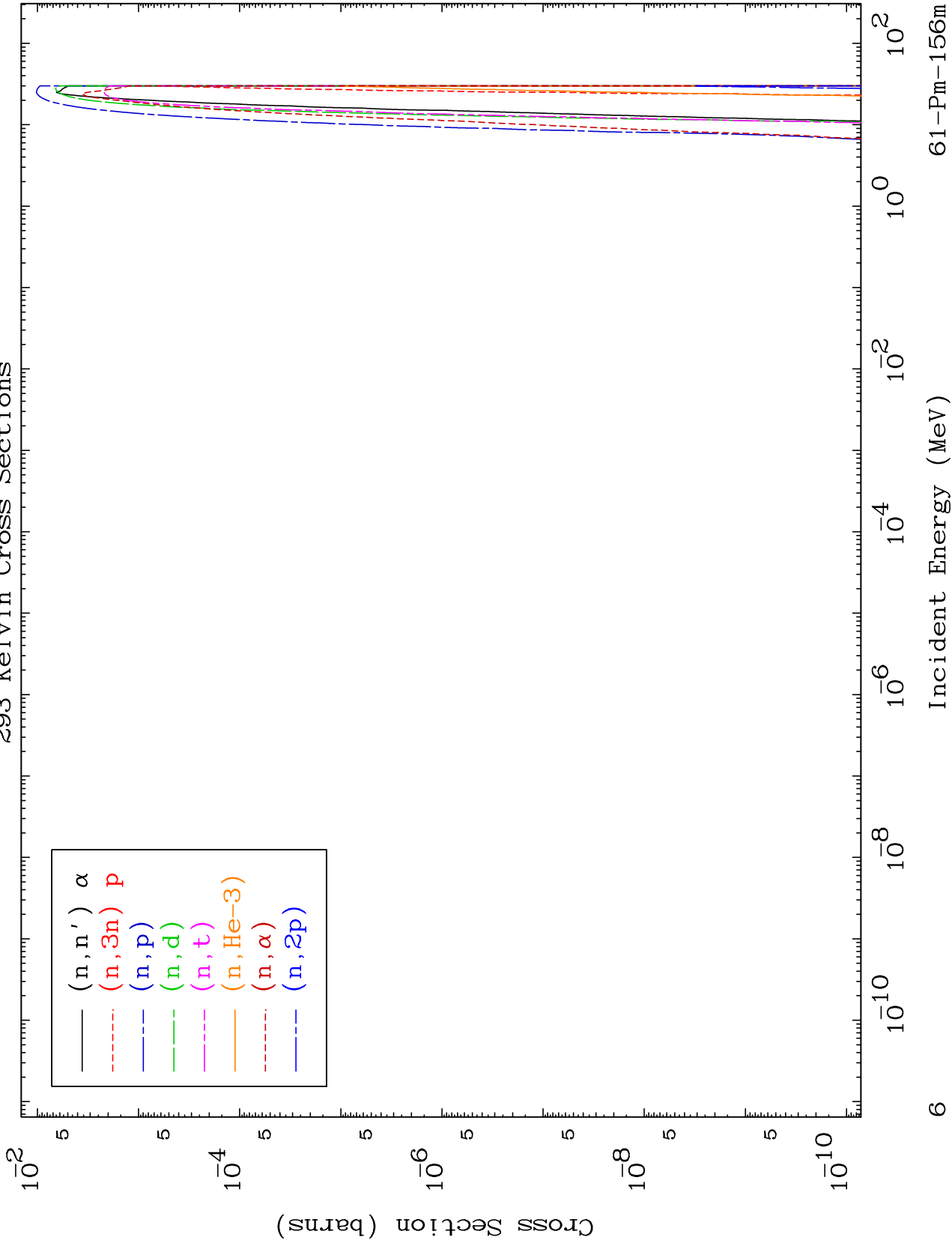




MAT 6177

Charged Particle
293 Kelvin Cross Sections

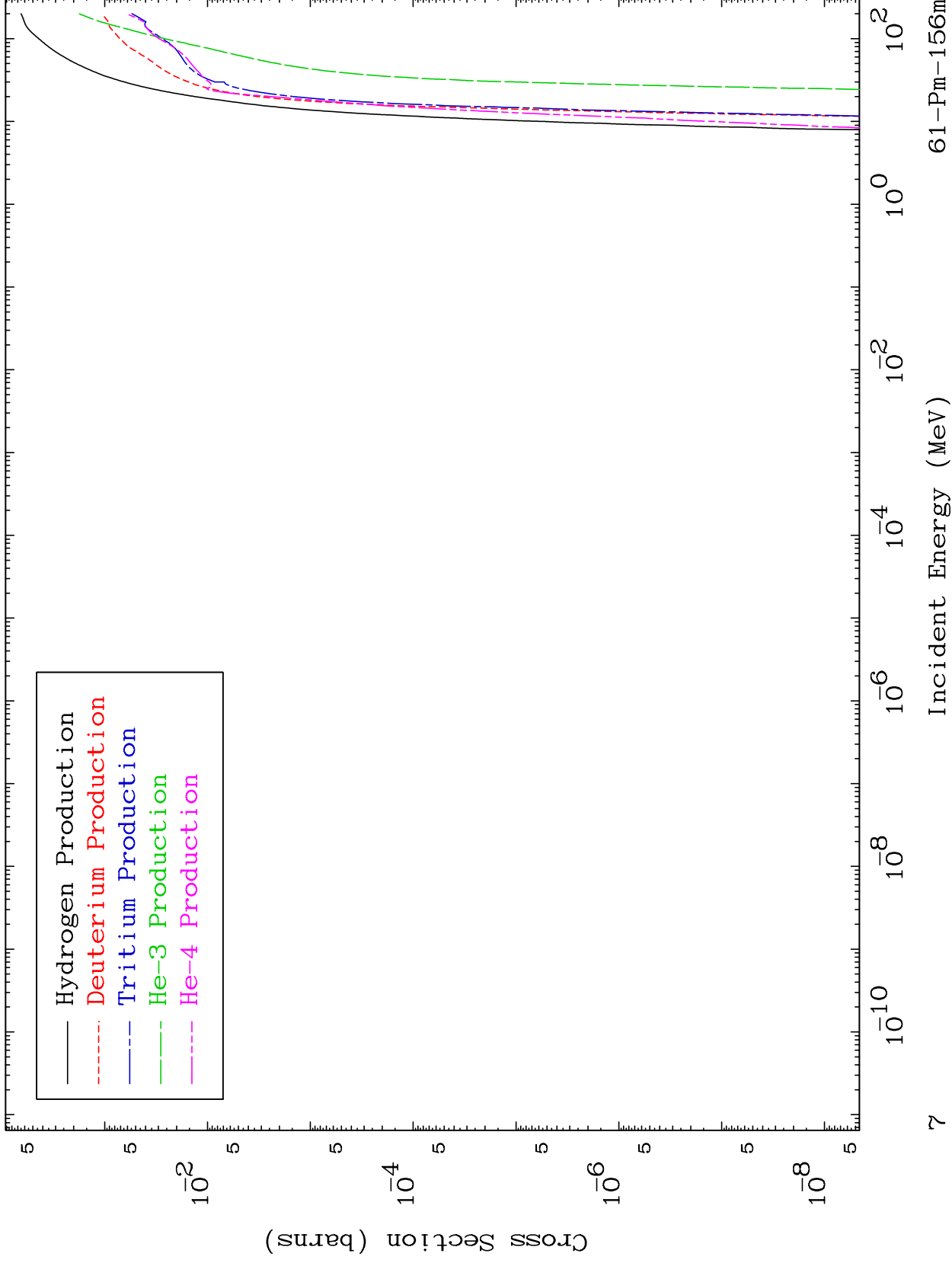
61-Pm-156m



MAT 6177

Particle Production
293 Kelvin Cross Sections

61-Pm-156m

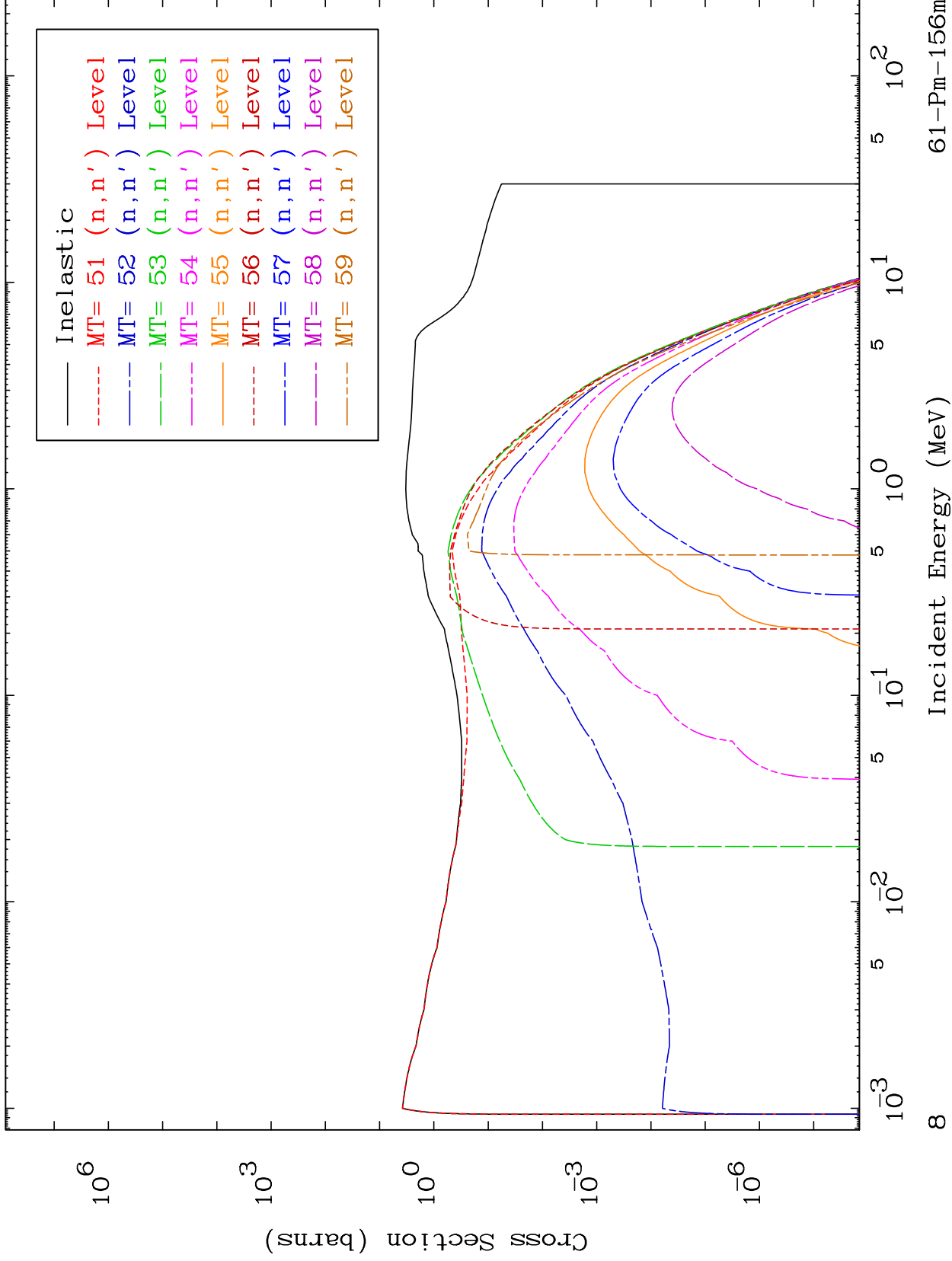


MAT 6177

(n,n') Levels

61-Pm-156m

293 Kelvin Cross Sections



8

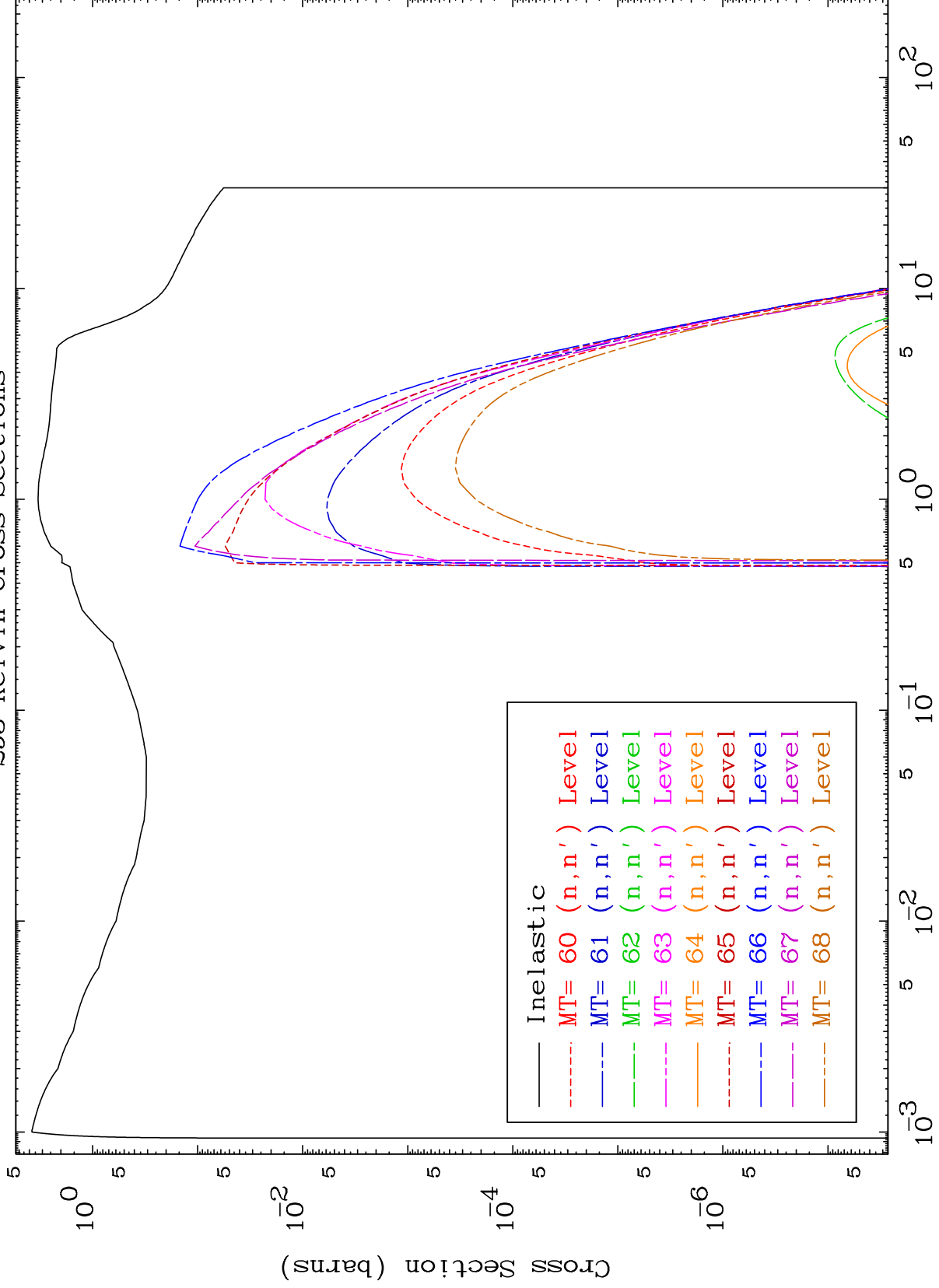
Incident Energy (MeV)

61-Pm-156m

MAT 6177

(n,n') Levels
293 Kelvin Cross Sections

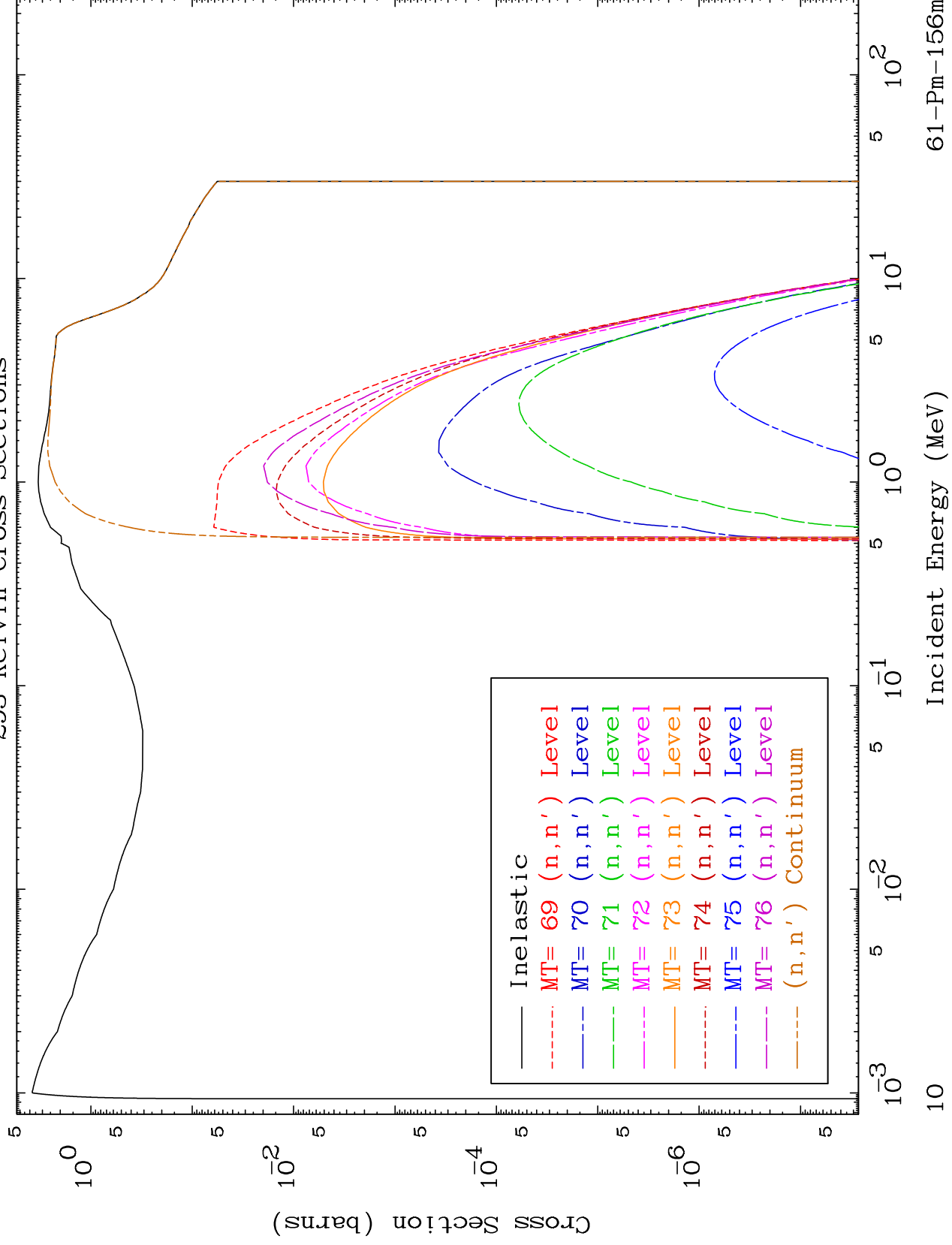
61-Pm-156m



MAT 6177

(n,n') Levels
293 Kelvin Cross Sections

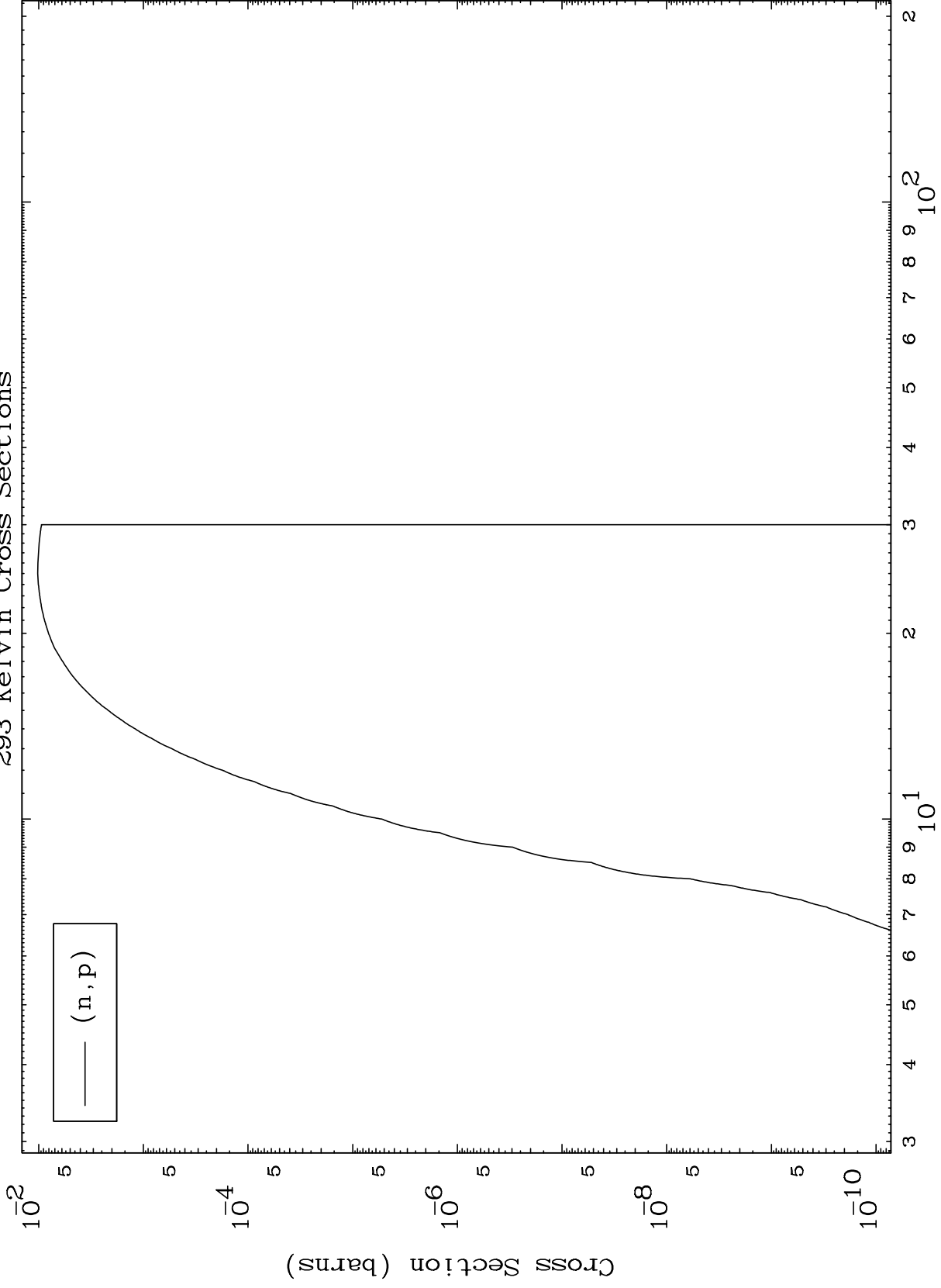
61-Pm-156m



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(n,p) Levels
293 Kelvin Cross Sections

61-Pm-156m



11

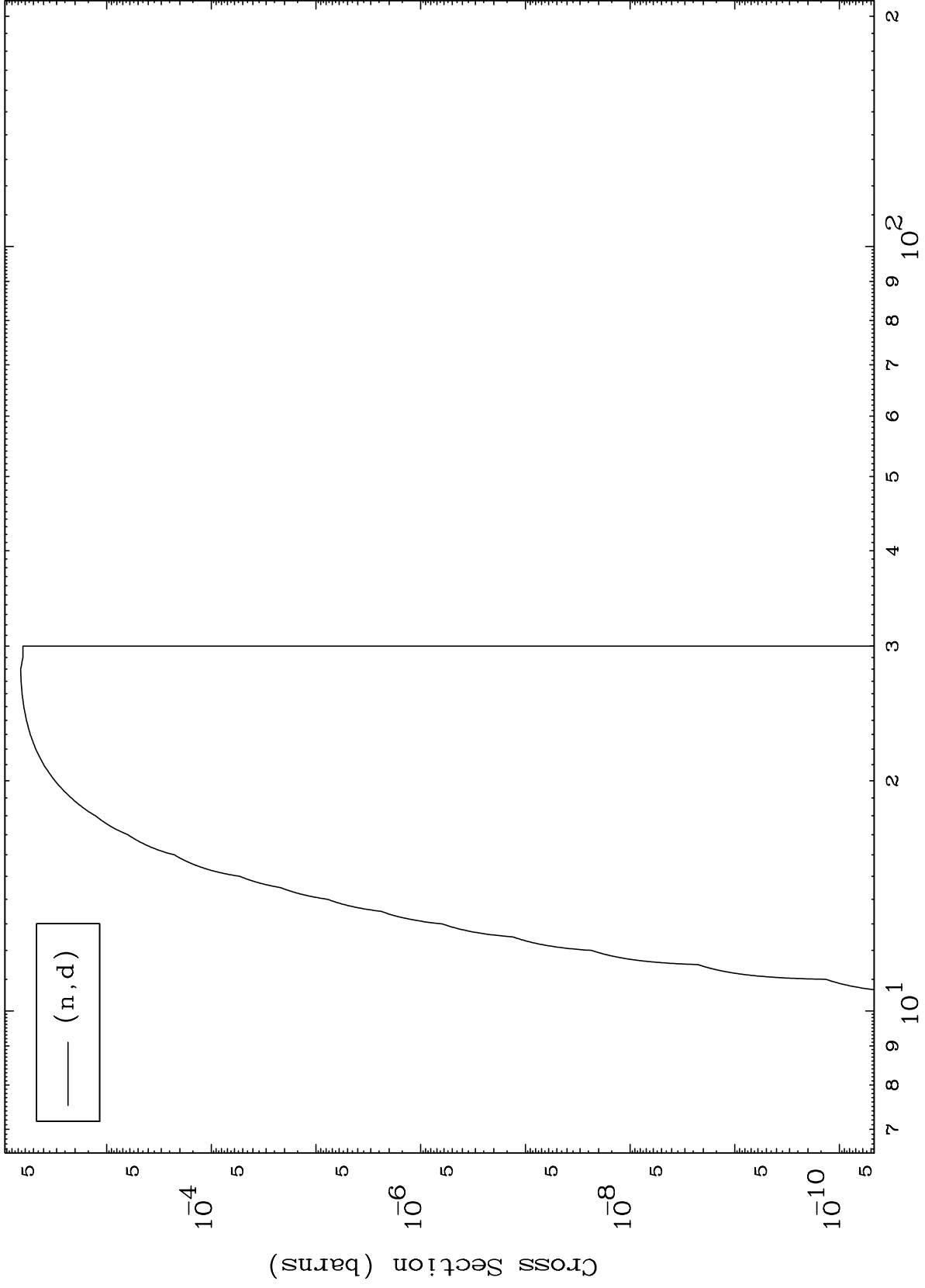
Incident Energy (MeV)

61-Pm-156m

MAT 6177

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-156m



12

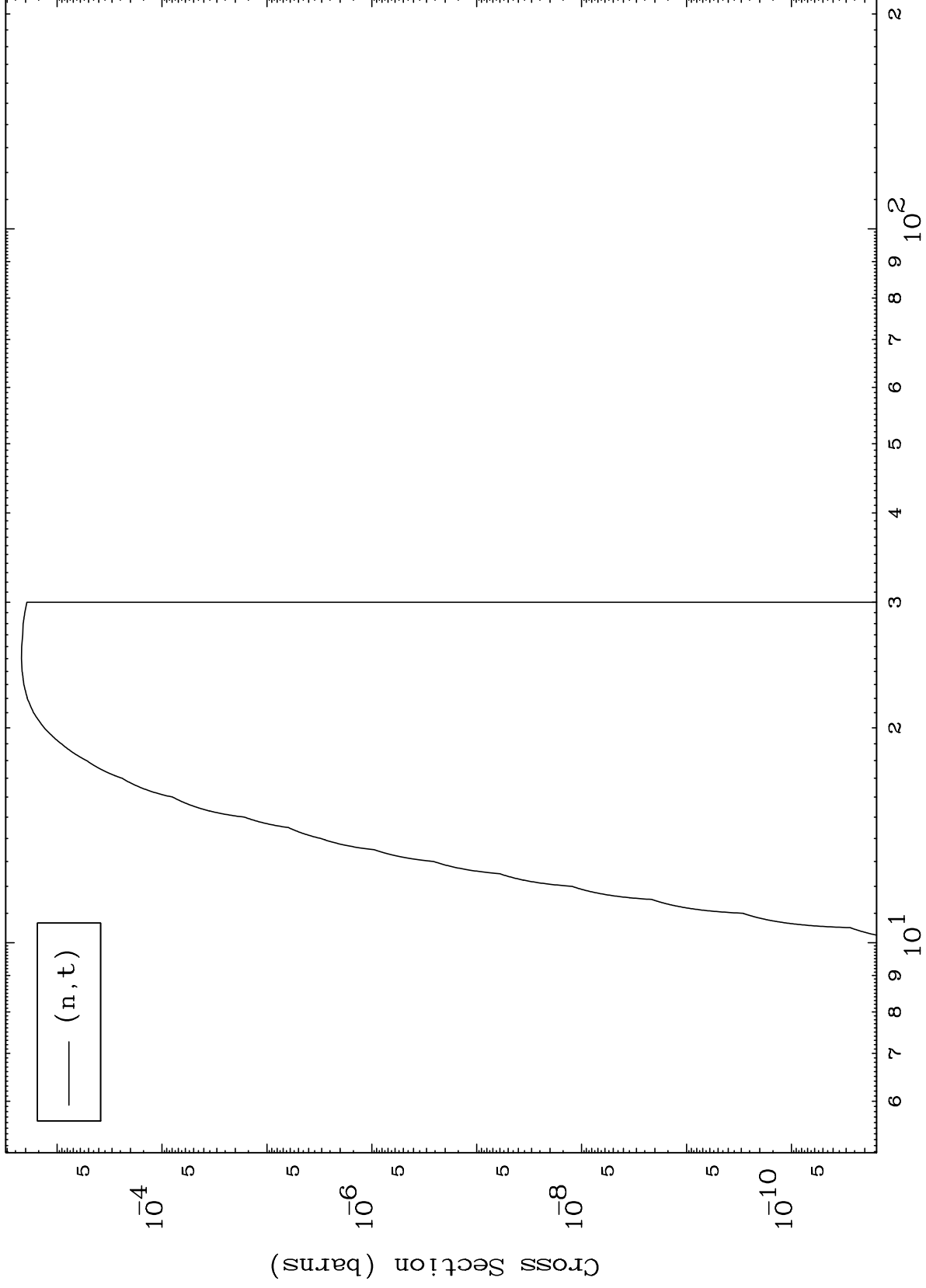
Incident Energy (MeV)

61-Pm-156m

MAT 6177

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-156m



13

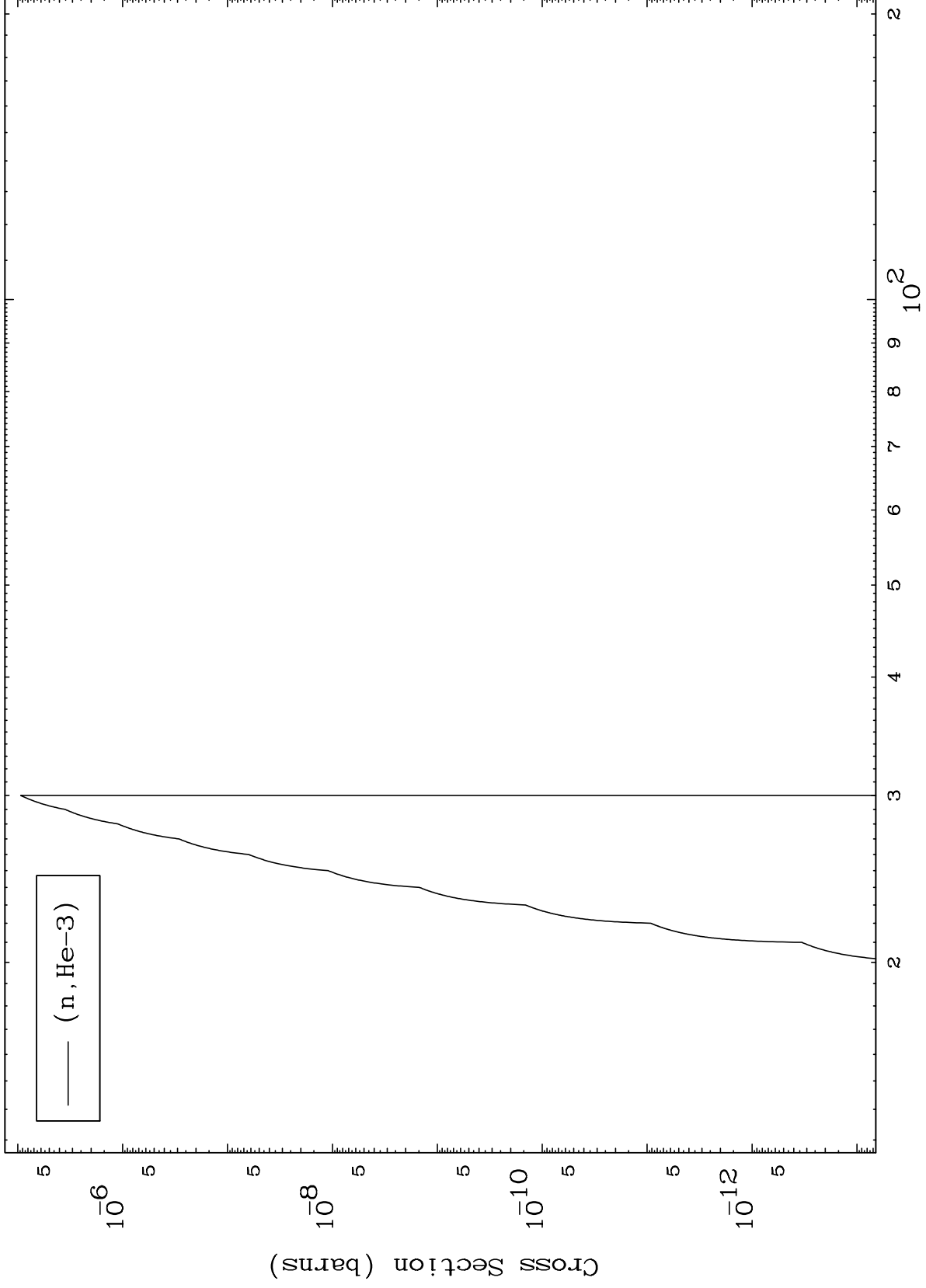
Incident Energy (MeV)

61-Pm-156m

MAT 6177

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-156m



14

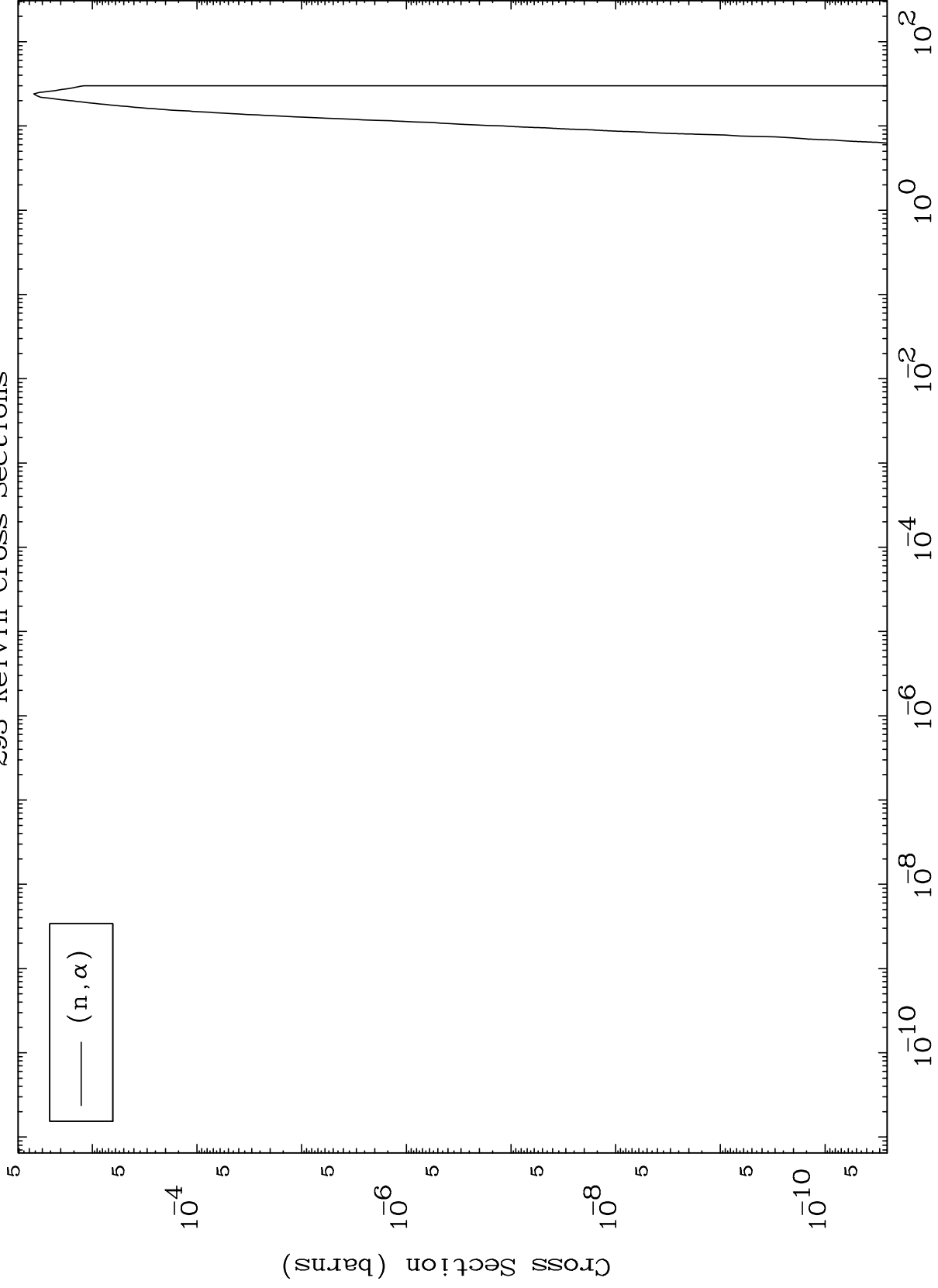
Incident Energy (MeV)

61-Pm-156m

MAT 6177

(n, α) Levels
293 Kelvin Cross Sections

61-Pm-156m



15

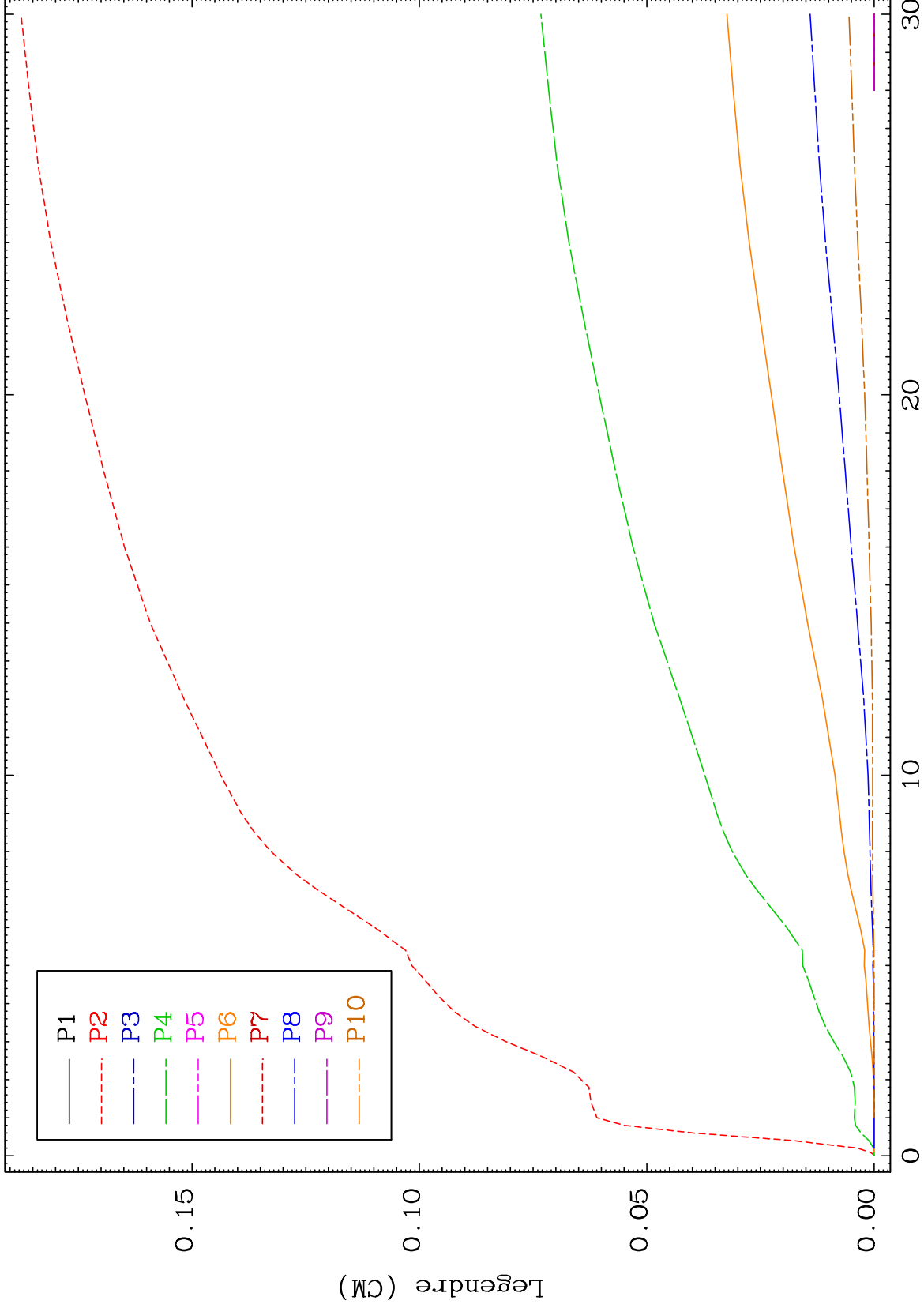
Incident Energy (MeV)

61-Pm-156m

MAT 6177

Elastic
Legendre Coefficients

61-Pm-156m



16

Incident Energy (MeV)

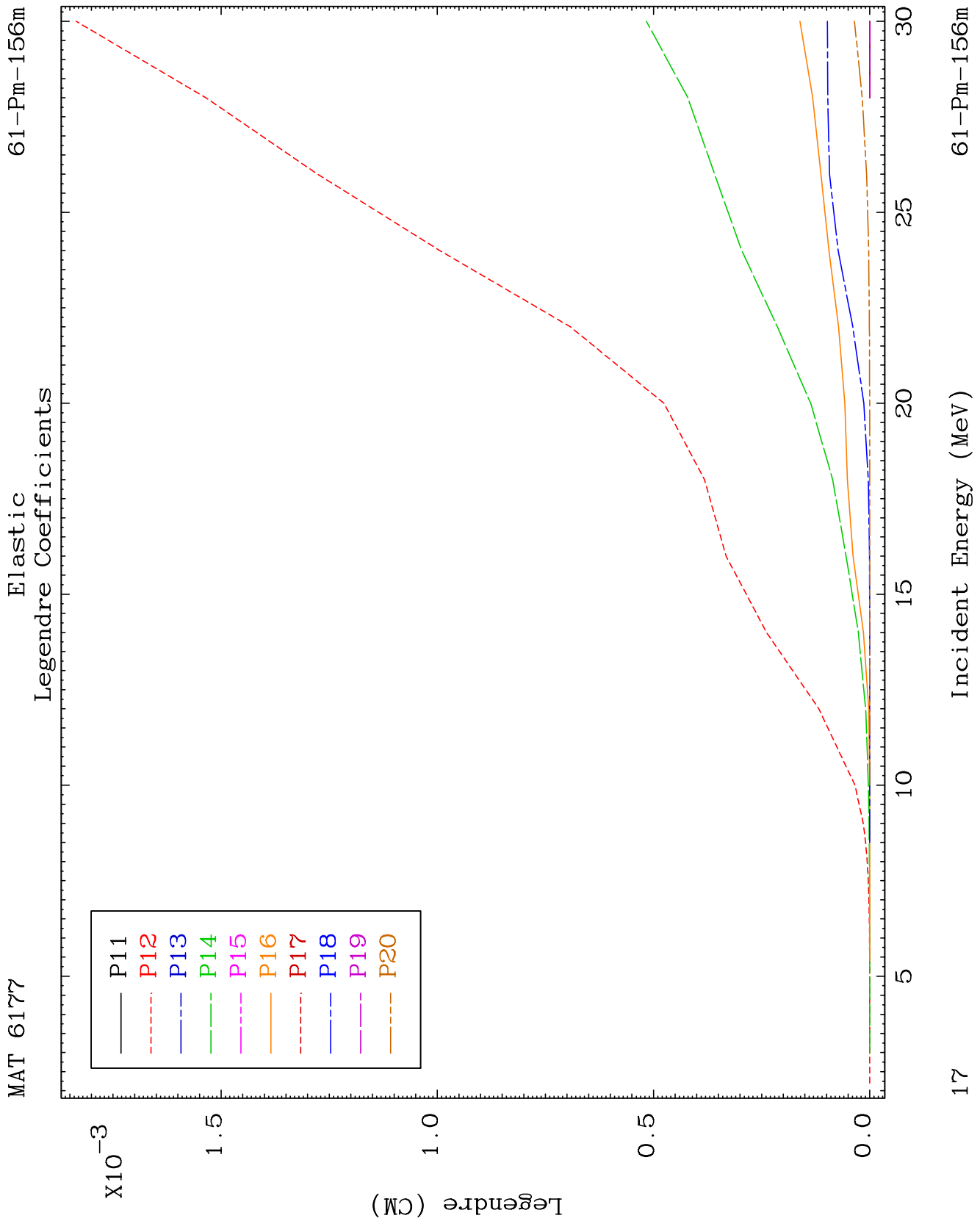
61-Pm-156m

30

20

10

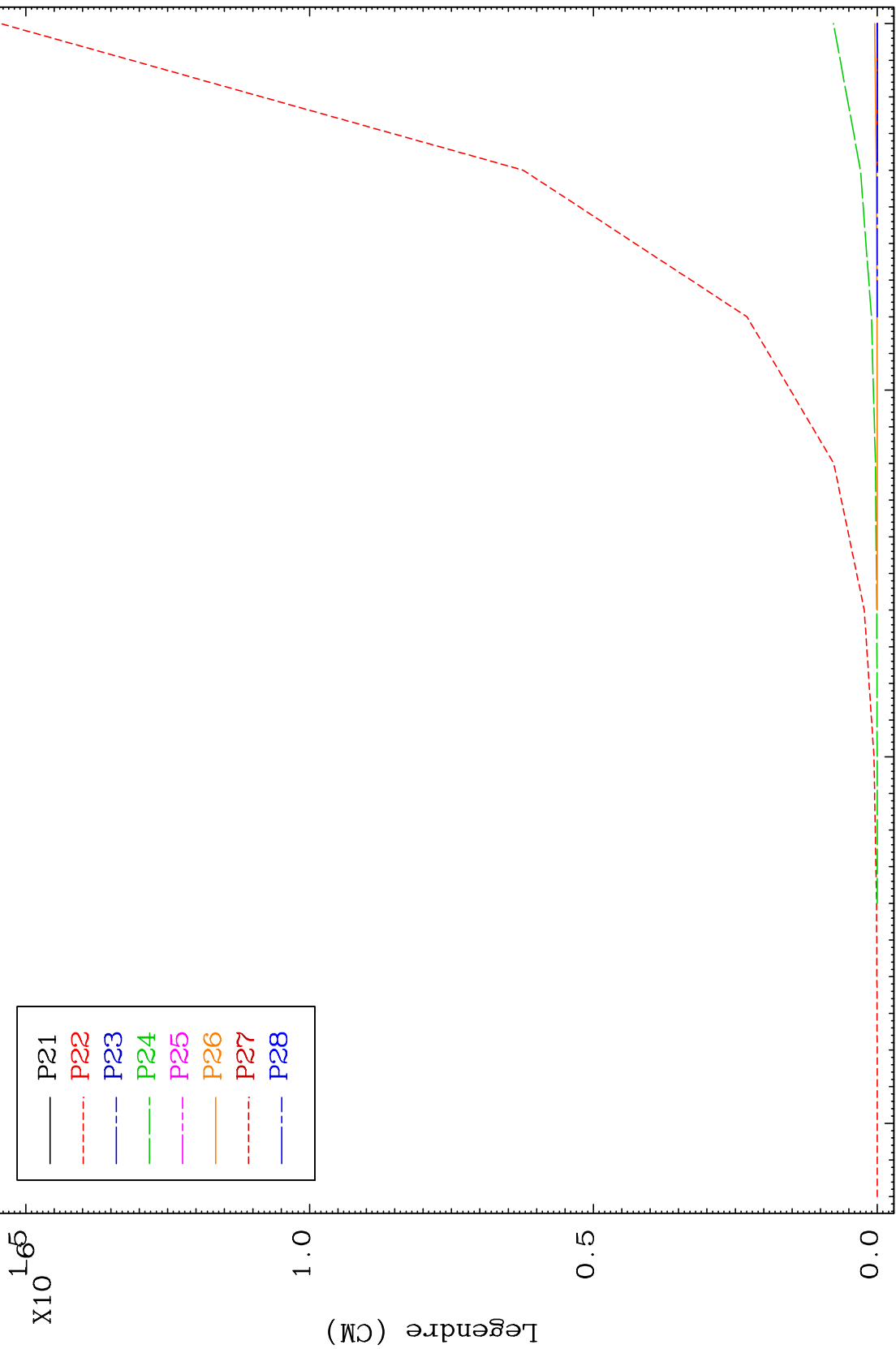
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MAT 6177

Elastic
Legendre Coefficients

61-Pm-156m



18

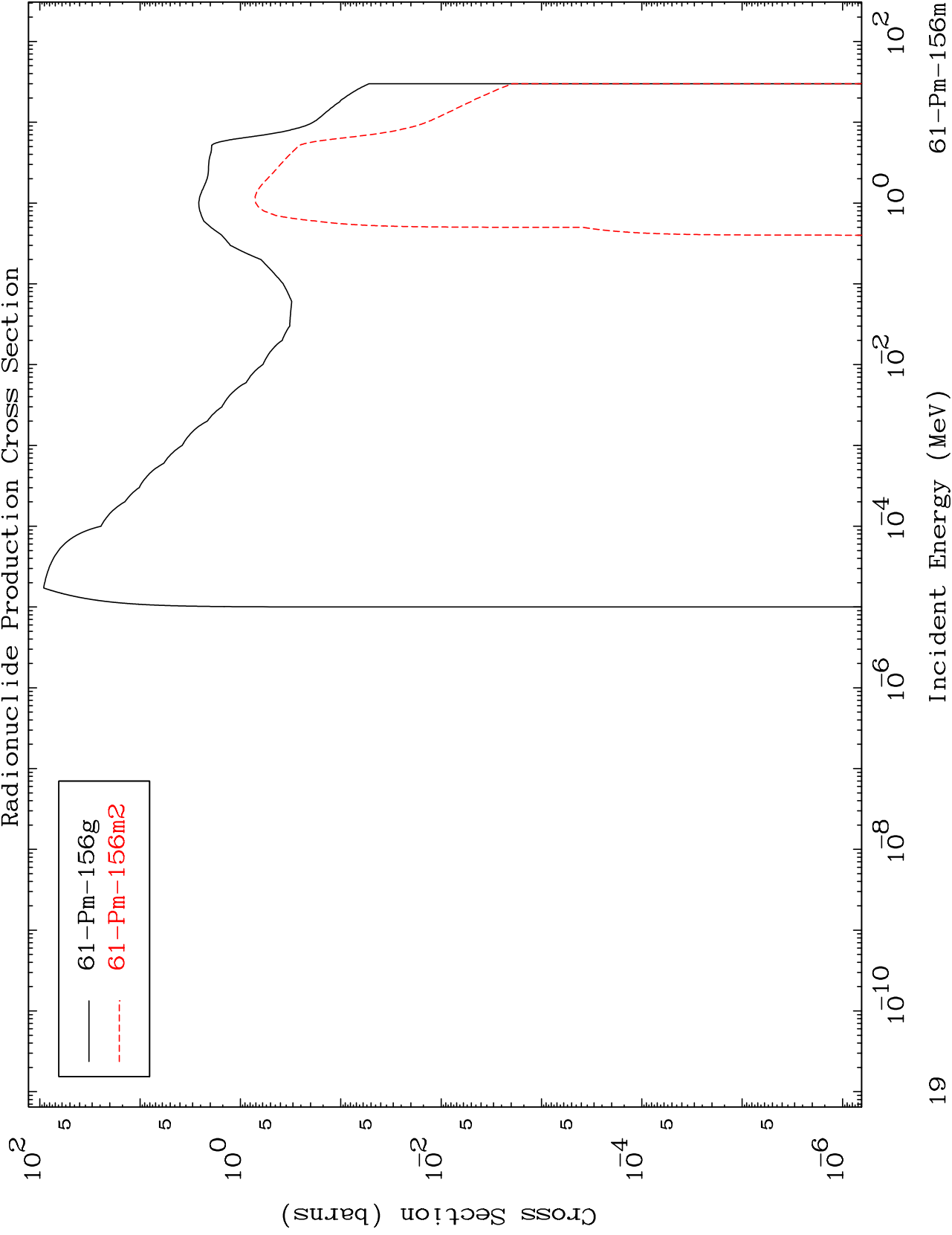
Incident Energy (MeV)

61-Pm-156m

MAT 6177

Inelastic
Radionuclide Production Cross Section

61-Pm-156m



61-Pm-156g
61-Pm-156m2