

Program EVALPLOT
(Version 2018-1)

by

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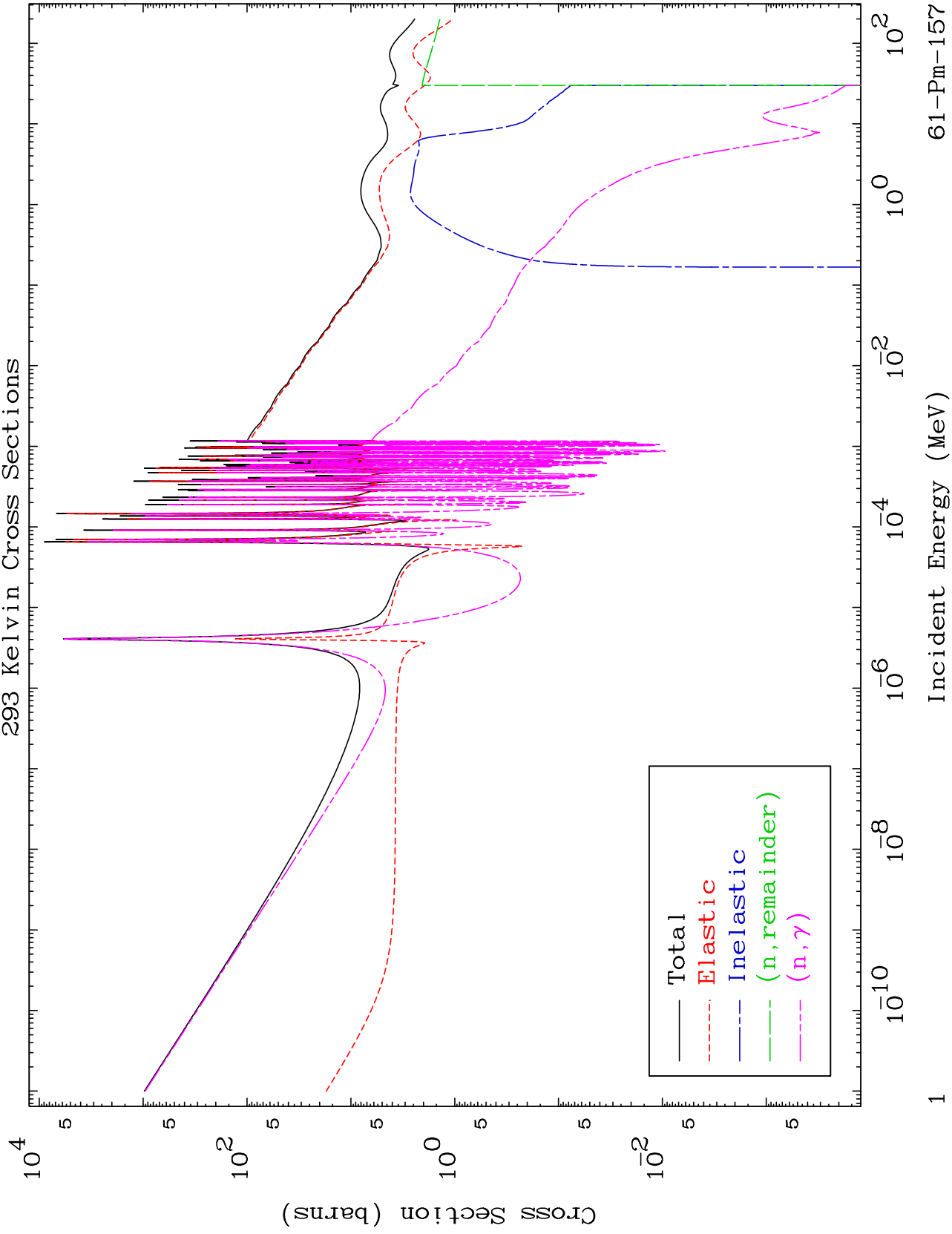
Press Mouse Button to Start

MAT 6179

Major

293 Kelvin Cross Sections

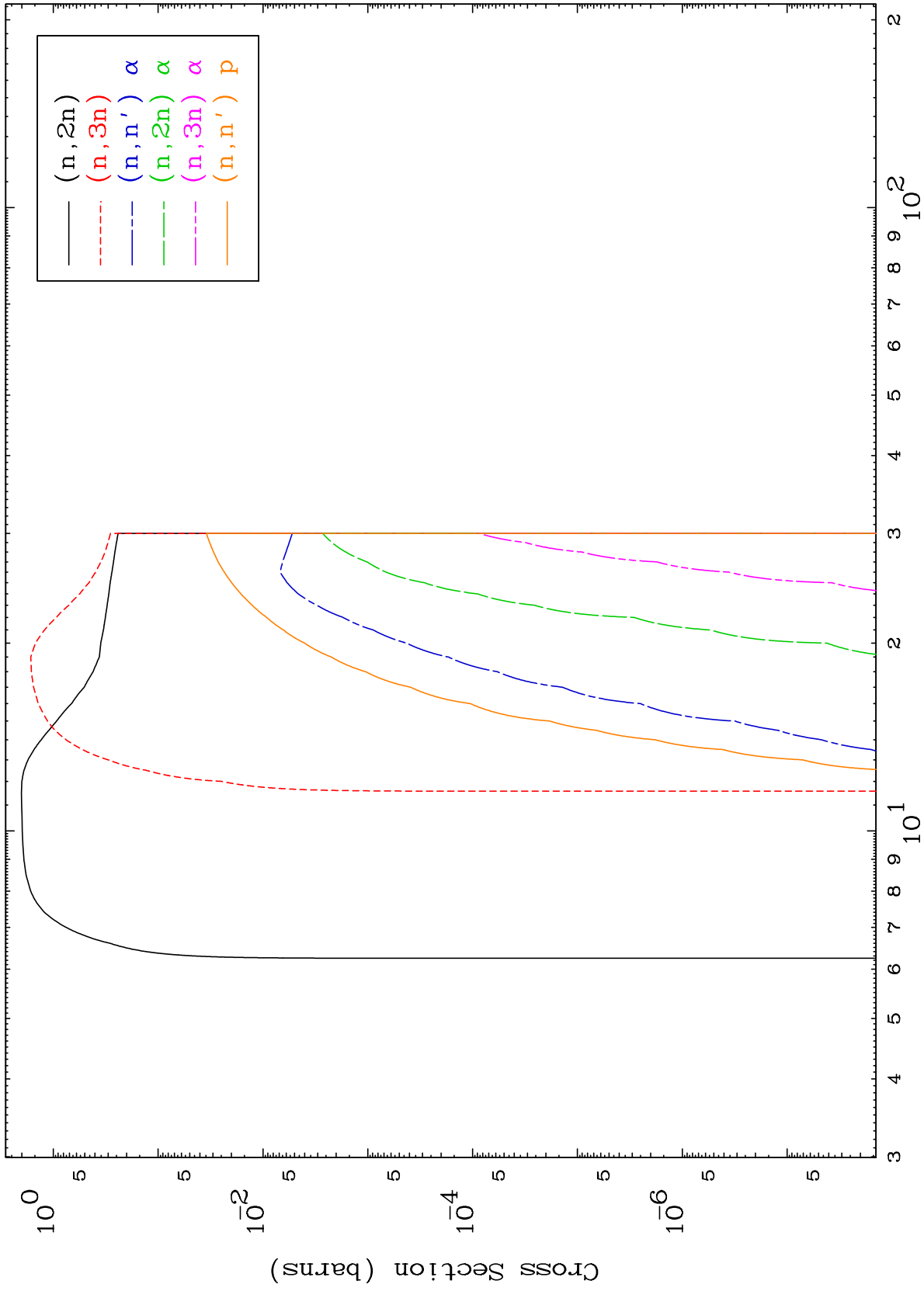
61-Pm-157



MAT 6179

Neutron Production 293 Kelvin Cross Sections

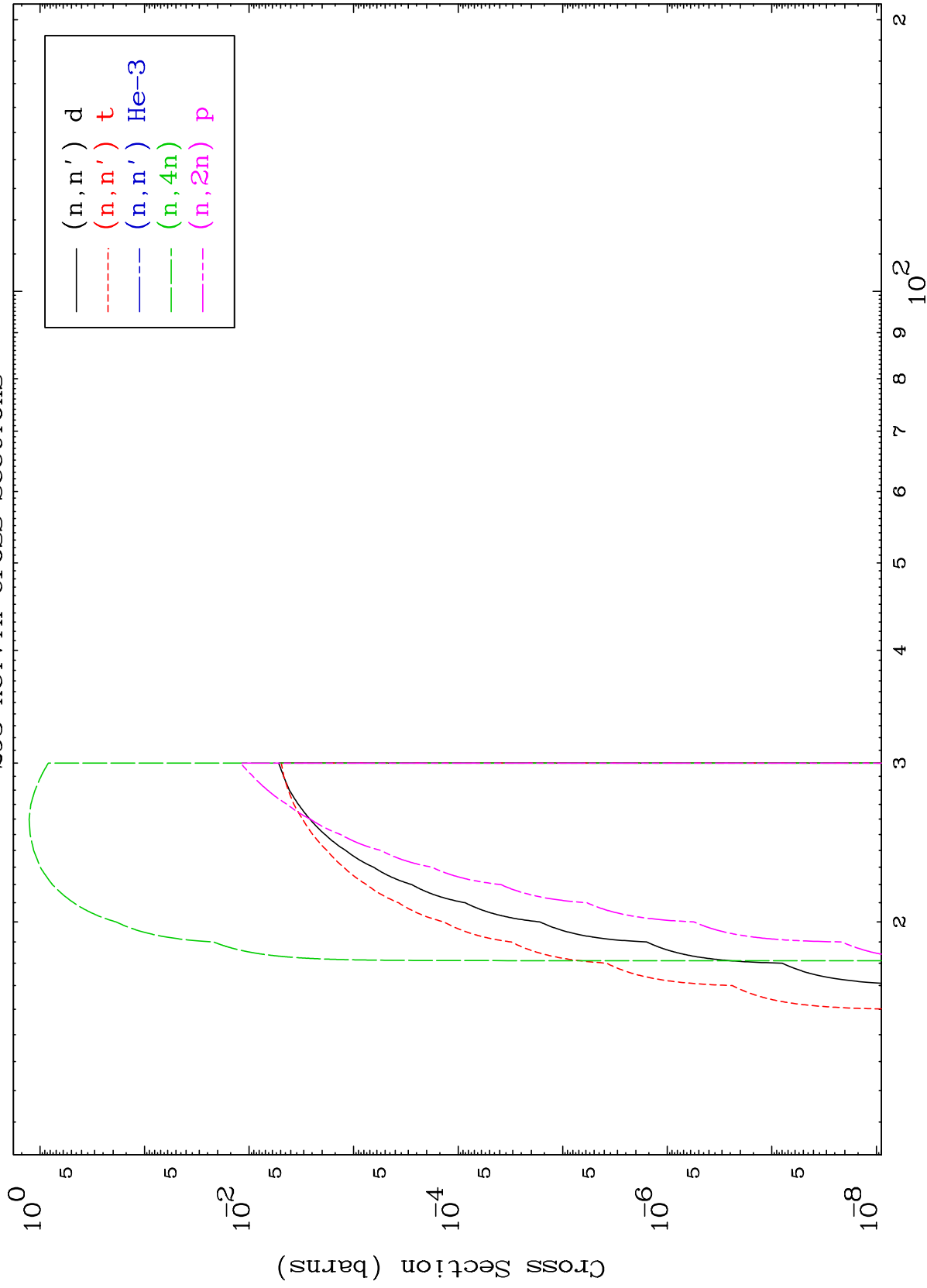
61-Pm-157

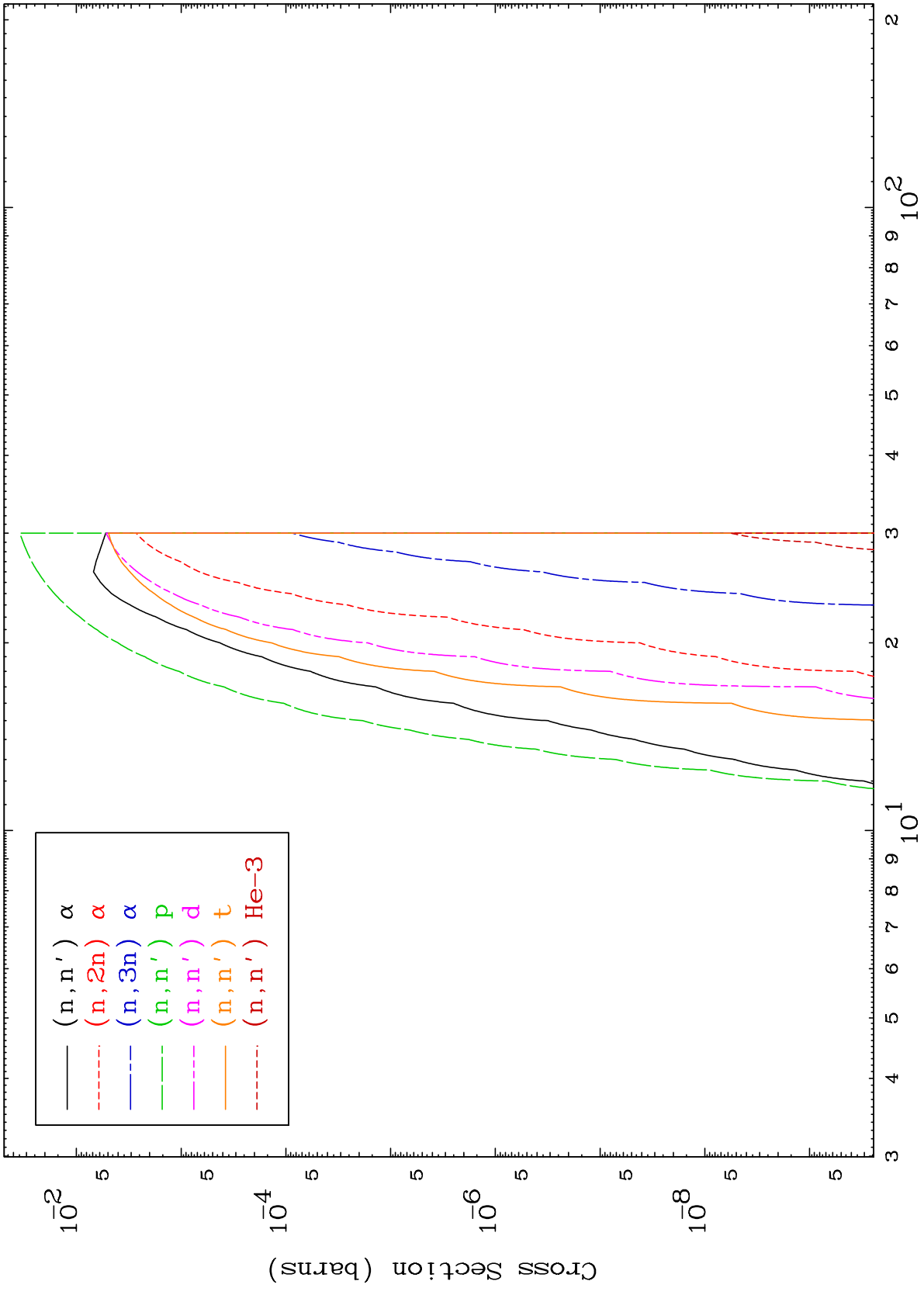


2

Incident Energy (MeV)

61-Pm-157

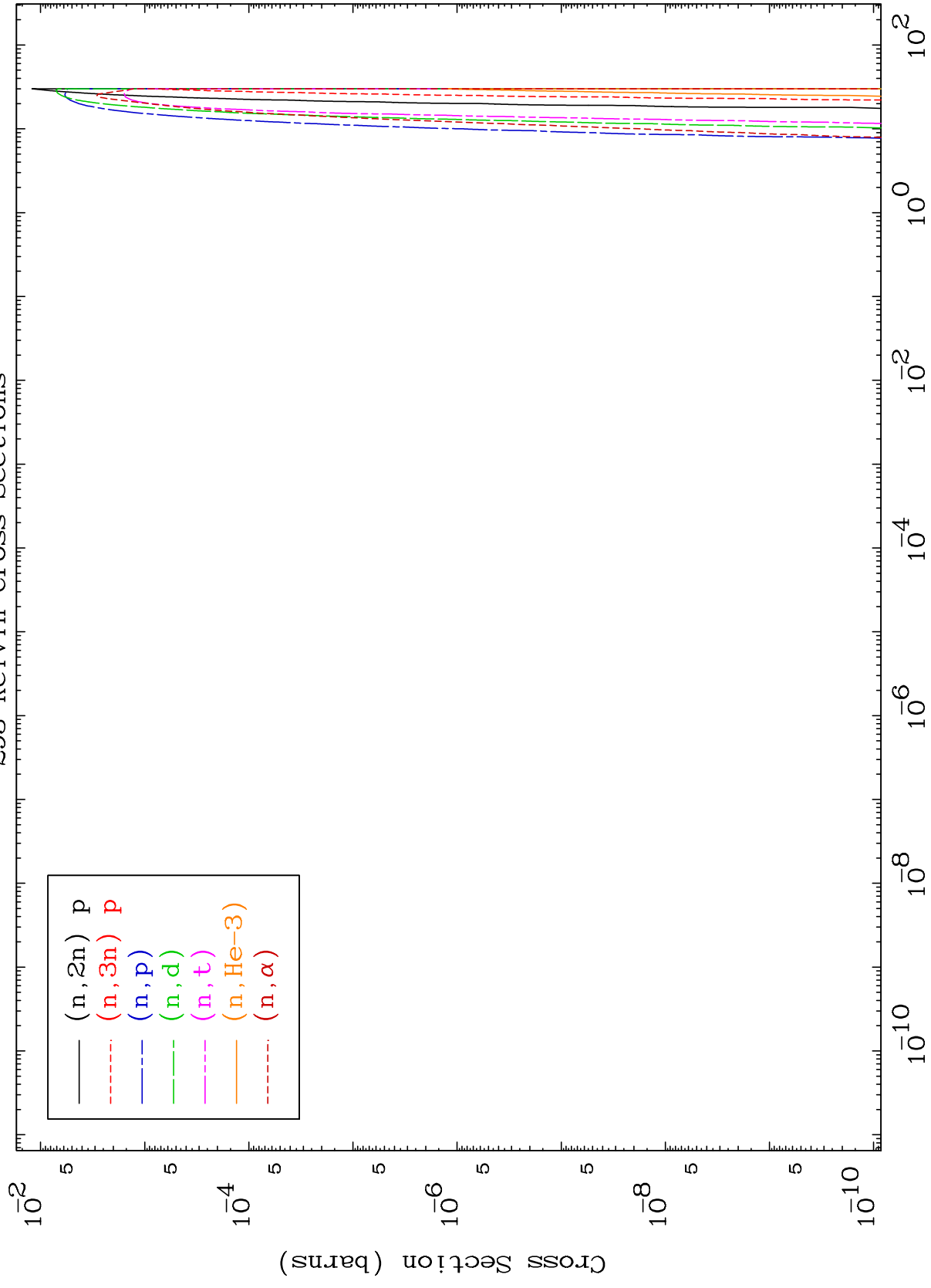




MAT 6179

Charged Particle
293 Kelvin Cross Sections

61-Pm-157



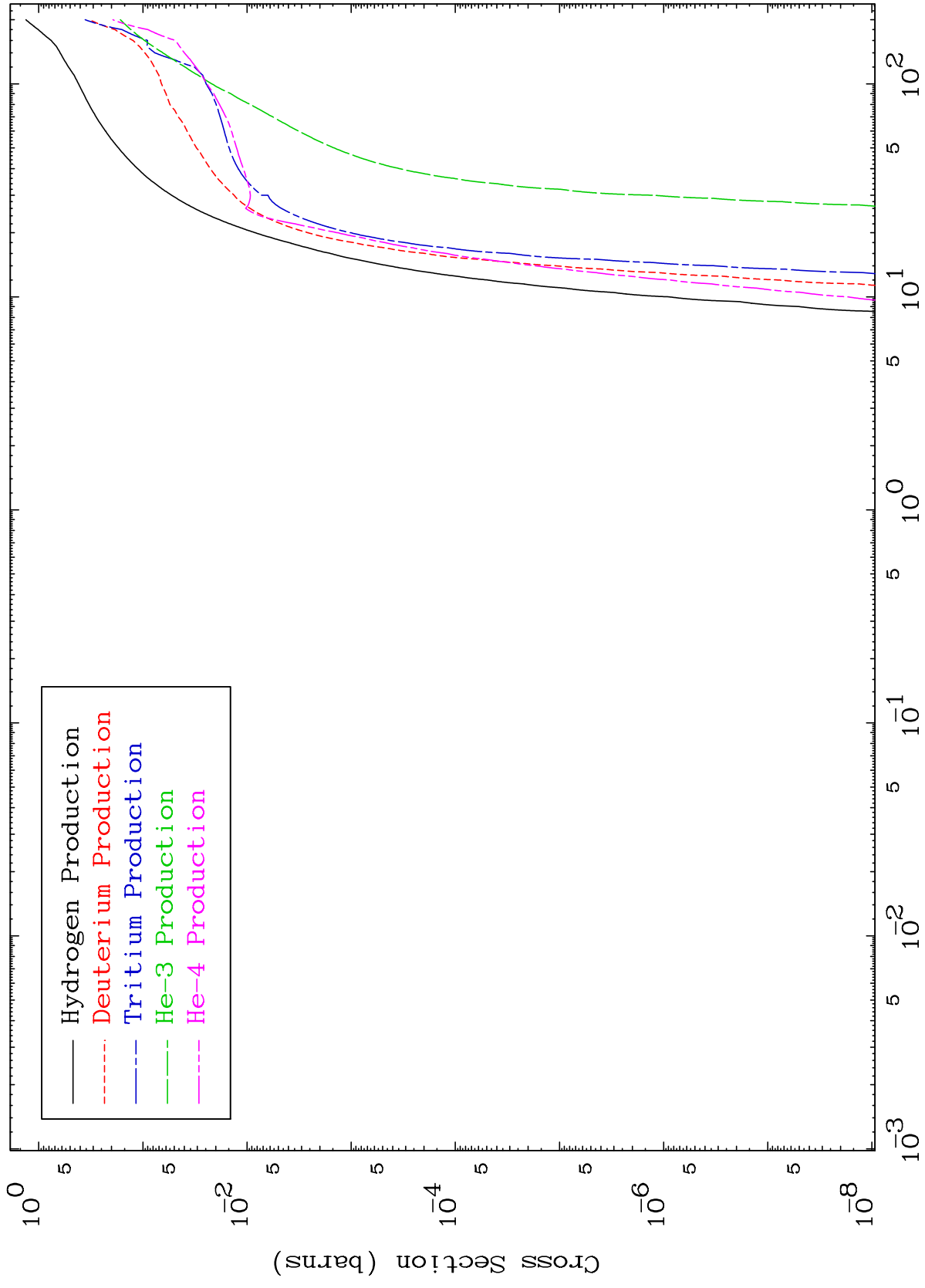
5

61-Pm-157

MAT 6179

Particle Production
293 Kelvin Cross Sections

61-Pm-157



6

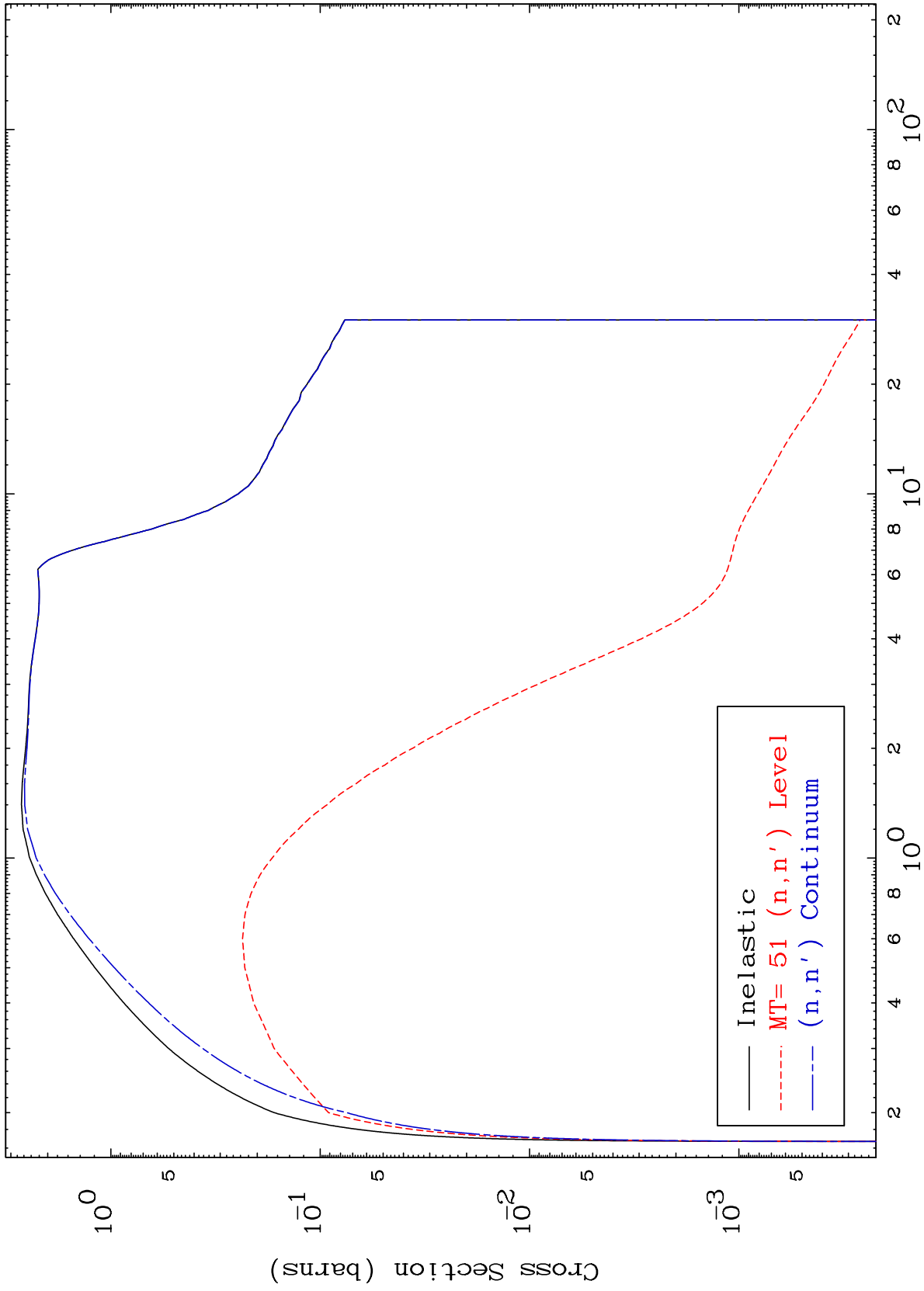
Incident Energy (MeV)

61-Pm-157

MAT 6179

61-Pm-157

(n,n') Level
293 Kelvin Cross Sections



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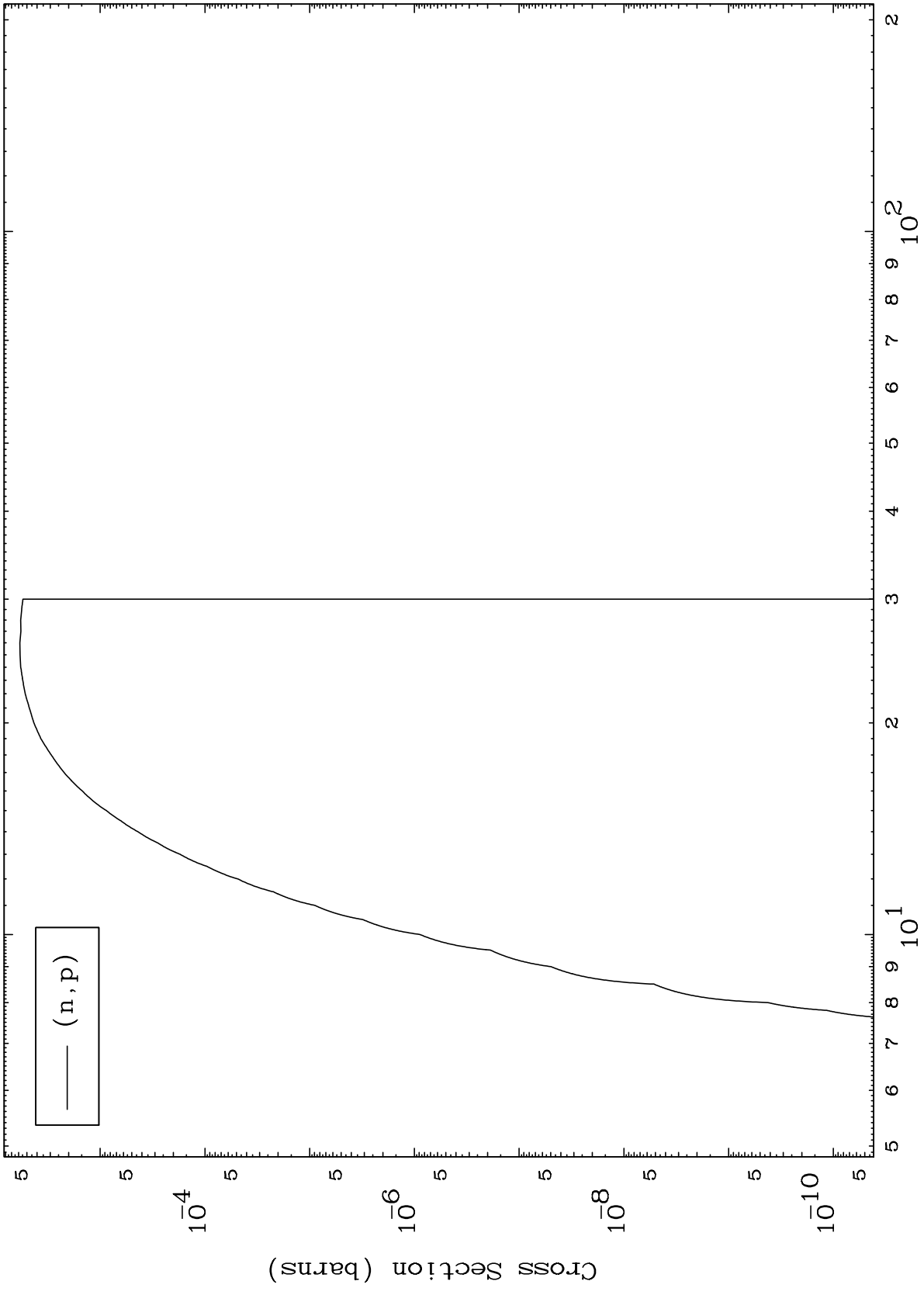
Incident Energy (MeV)

61-Pm-157

MAT 6179

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-157



8

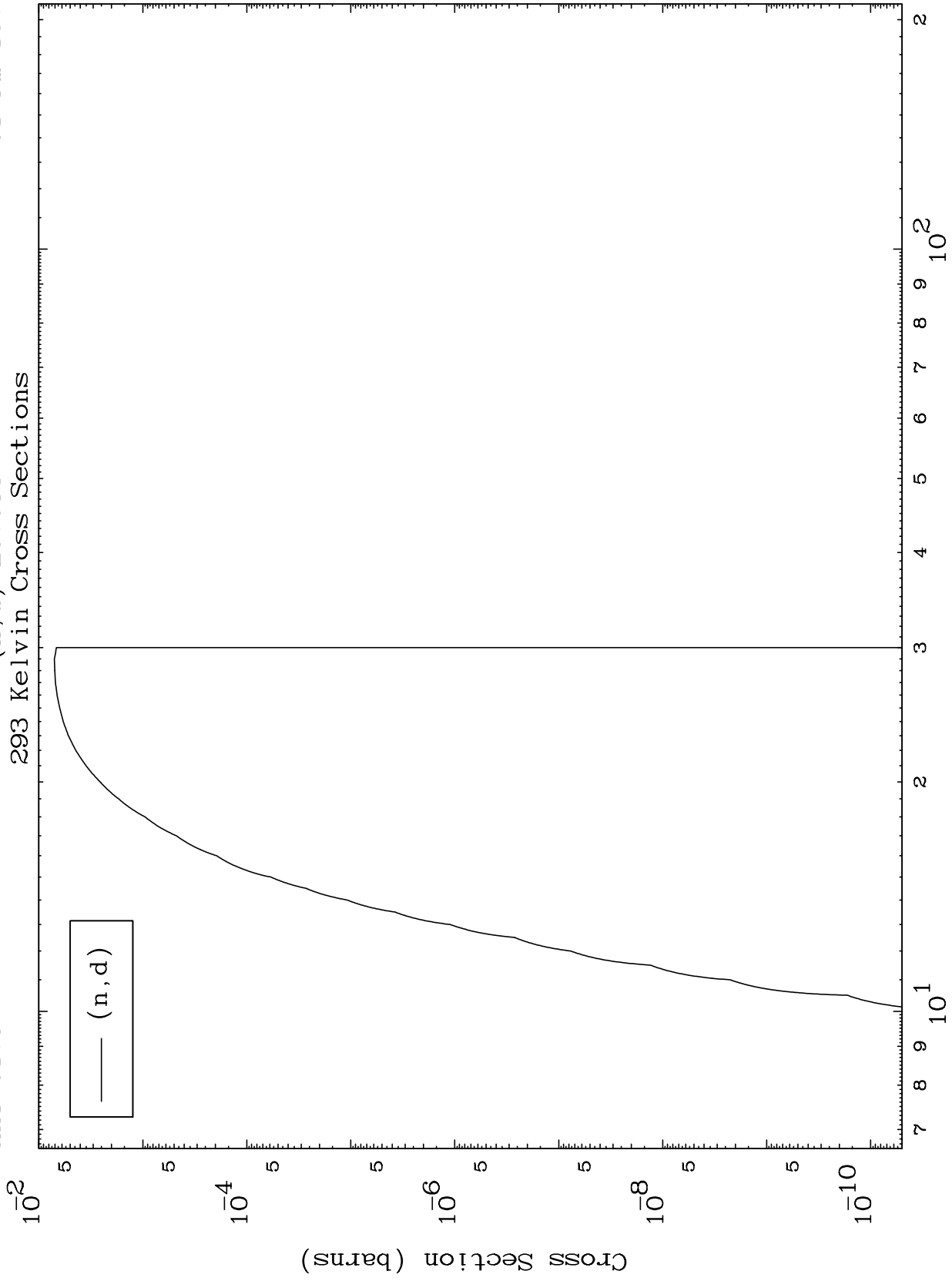
Incident Energy (MeV)

61-Pm-157

MAT 6179

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-157



9

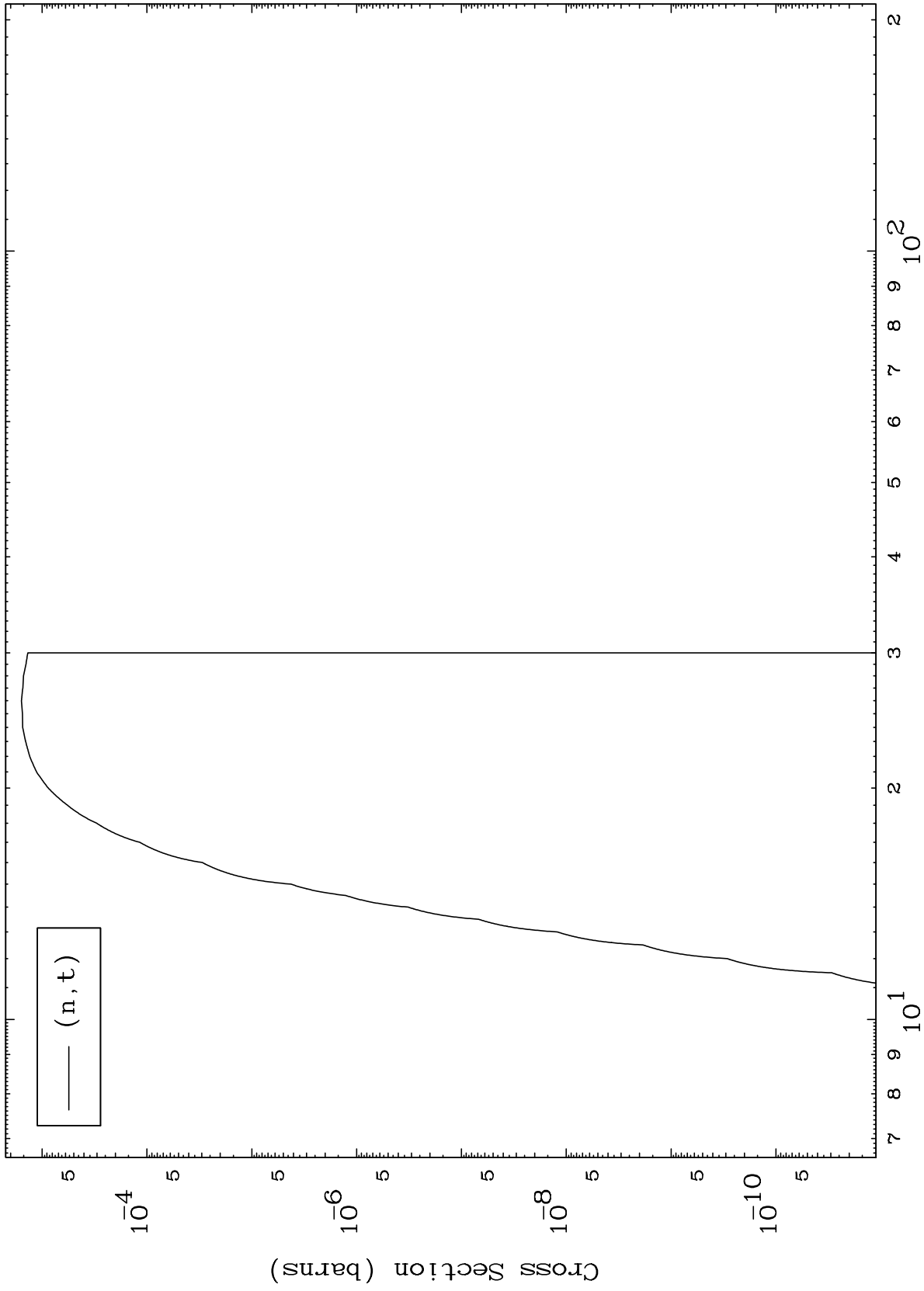
Incident Energy (MeV)

61-Pm-157

MAT 6179

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-157



10

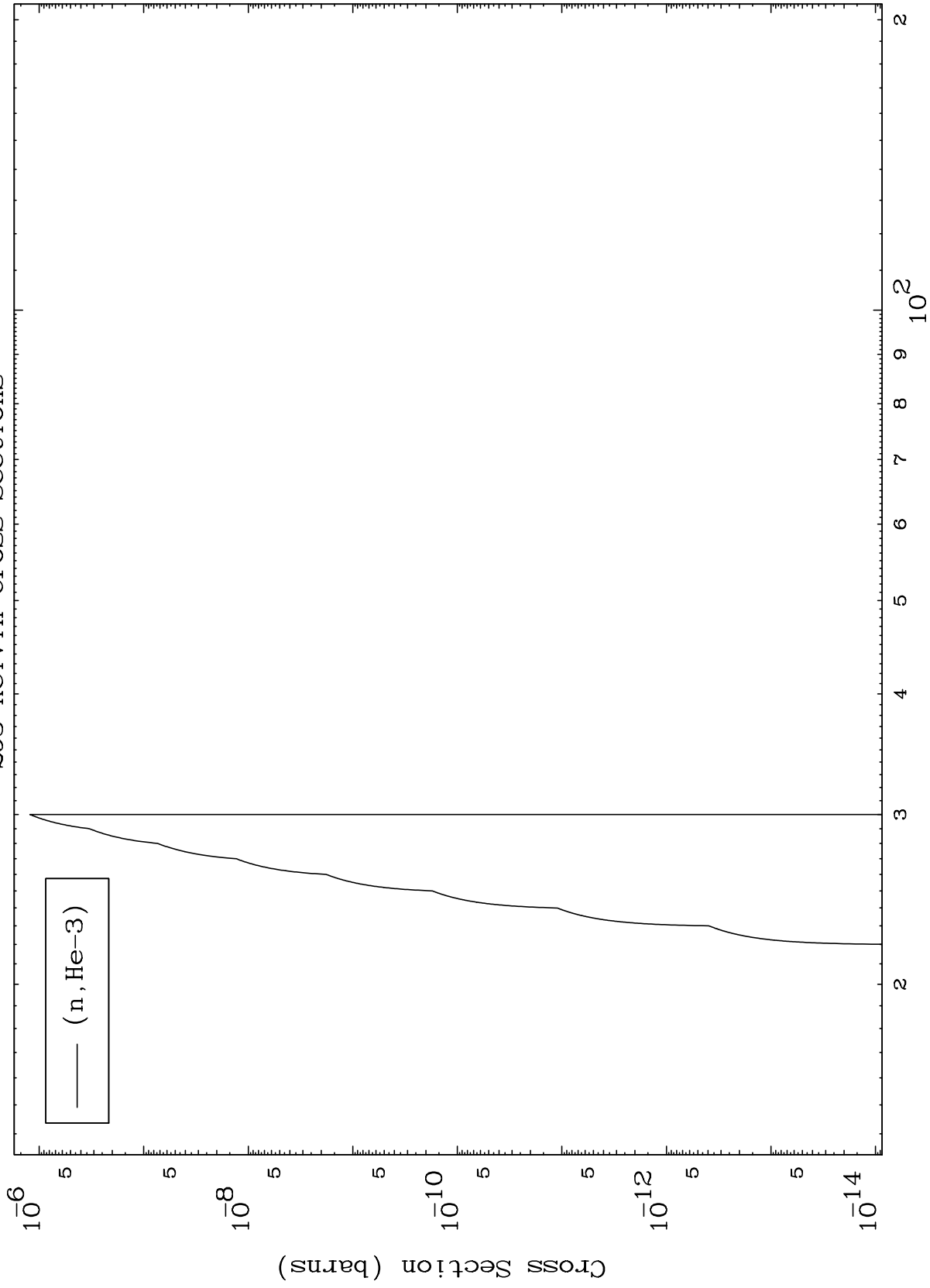
Incident Energy (MeV)

61-Pm-157

MAT 6179

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-157



11

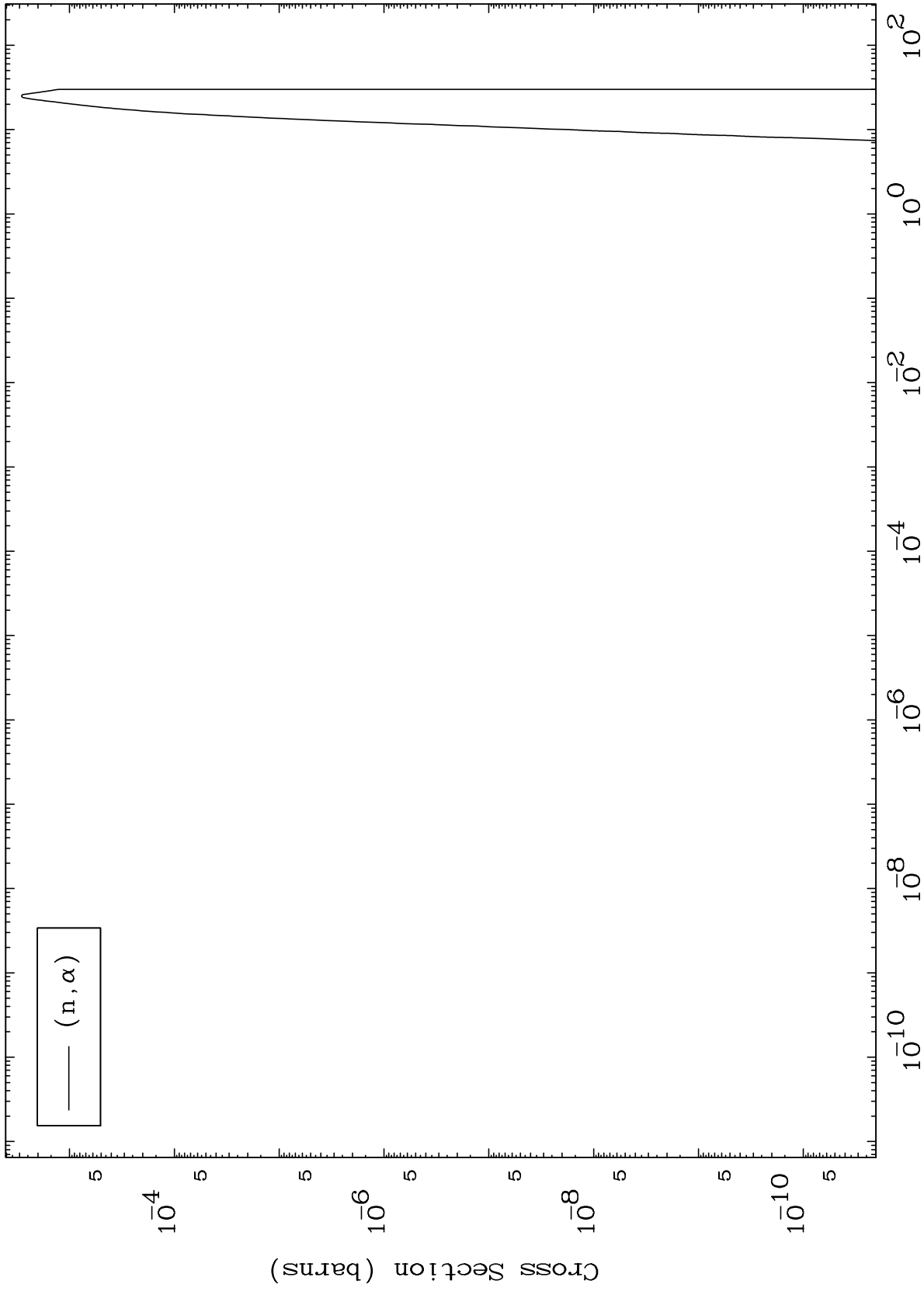
Incident Energy (MeV)

61-Pm-157

MAT 6179

(n,α) Levels
293 Kelvin Cross Sections

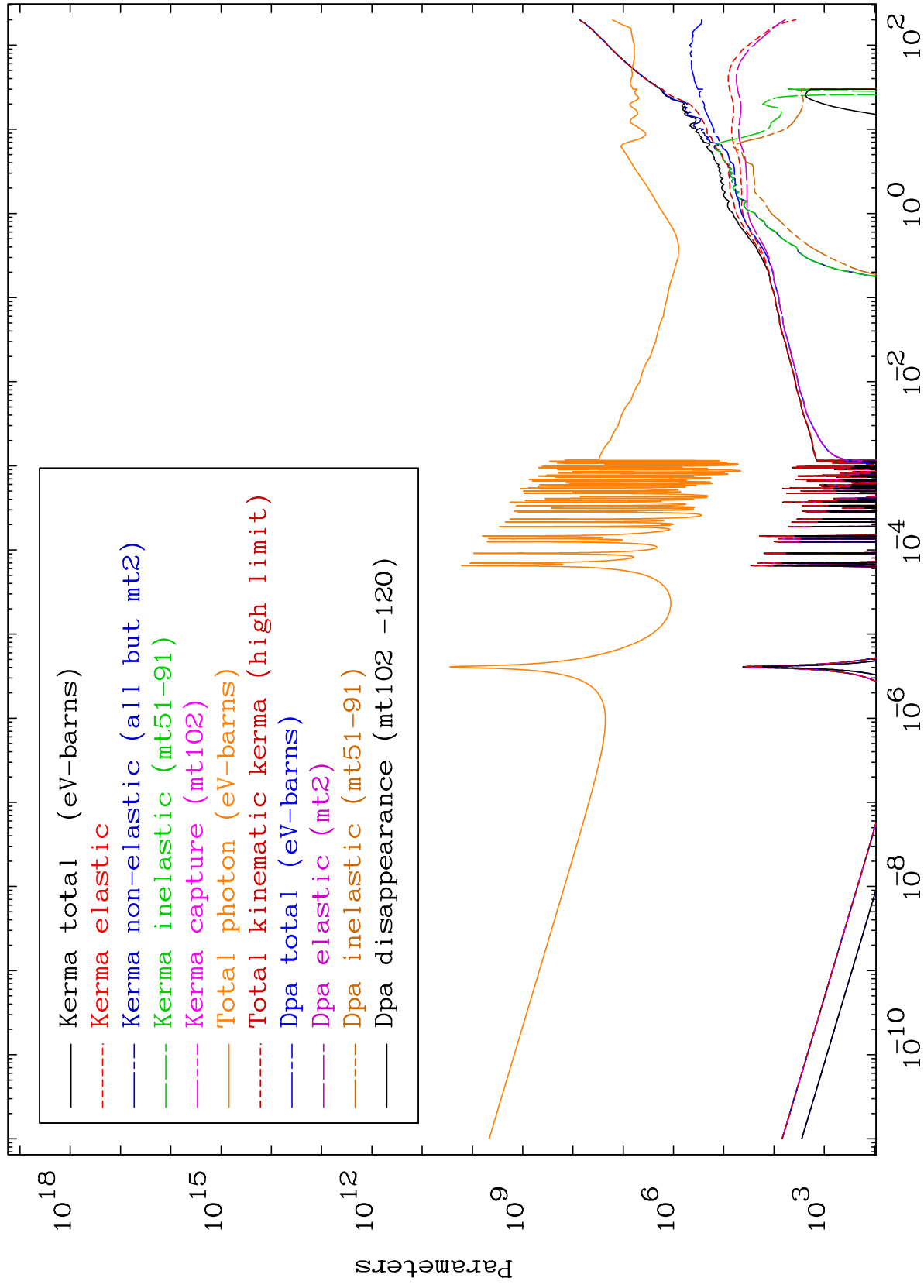
61-Pm-157



12

Incident Energy (MeV)

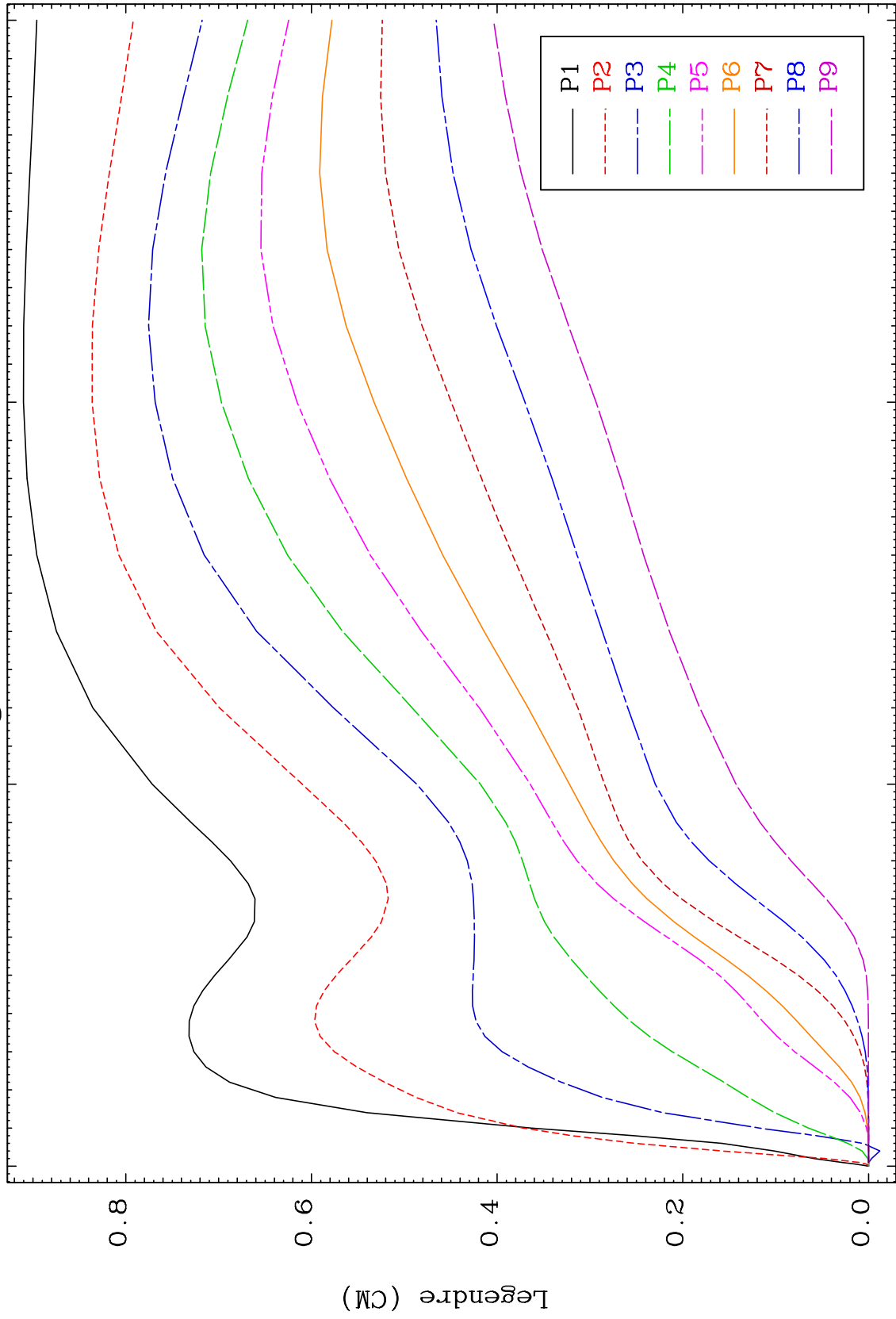
61-Pm-157



MAT 6179

Elastic Legendre Coefficients

61-Pm-157



14

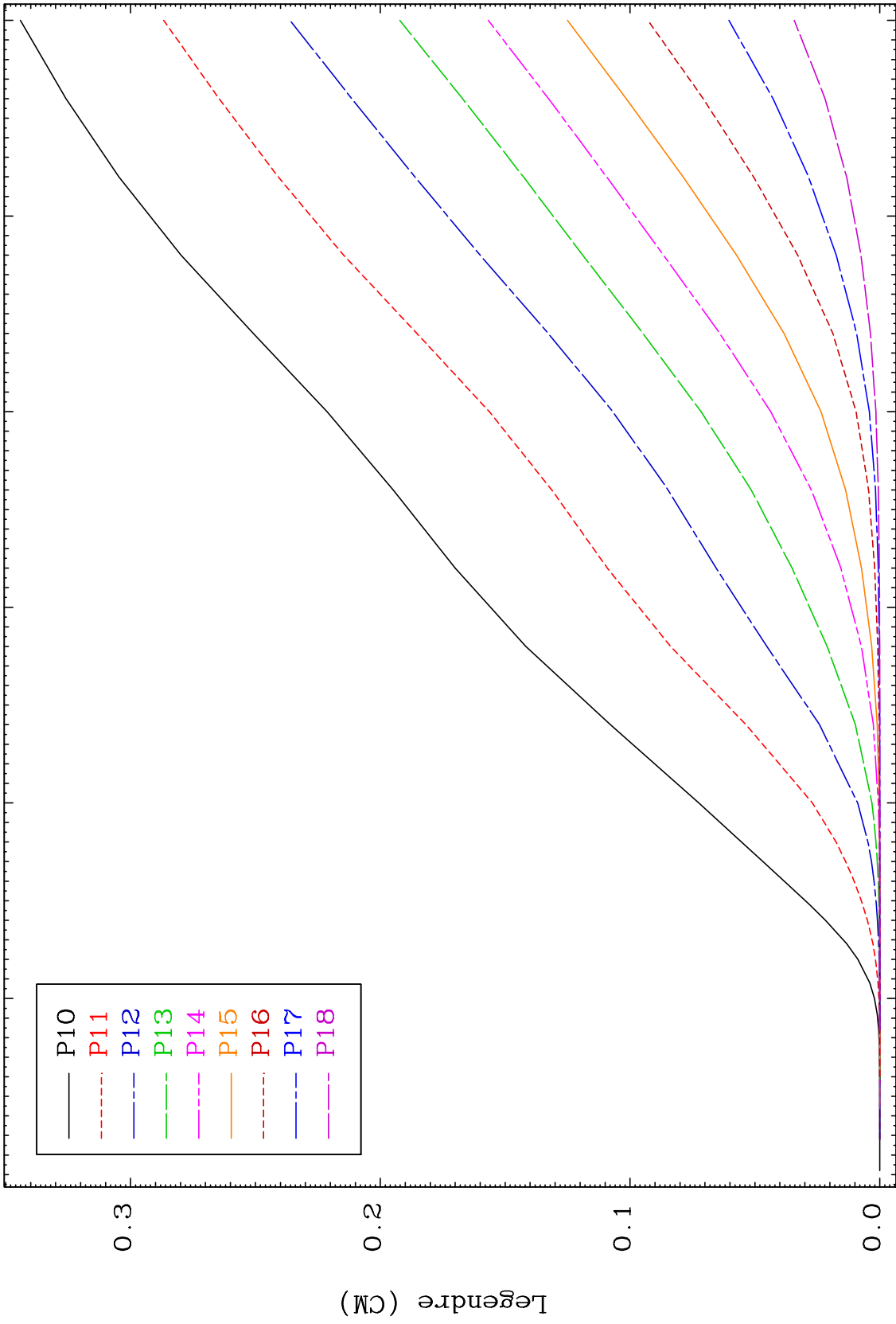
Incident Energy (MeV)

61-Pm-157

MAT 6179

Elastic Legendre Coefficients

61-Pm-157



15

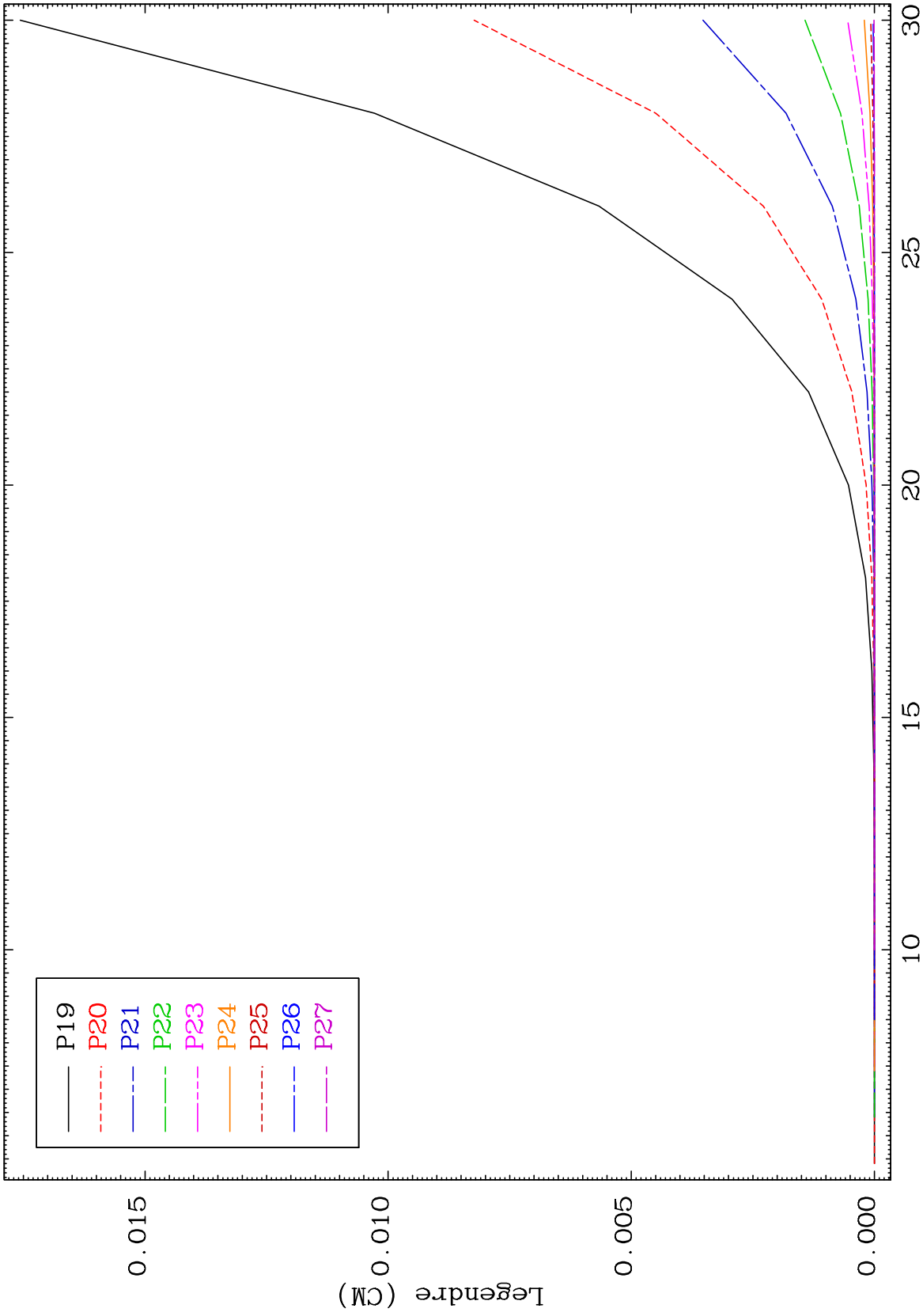
Incident Energy (MeV)

61-Pm-157

MAT 6179

Elastic Legendre Coefficients

61-Pm-157



16

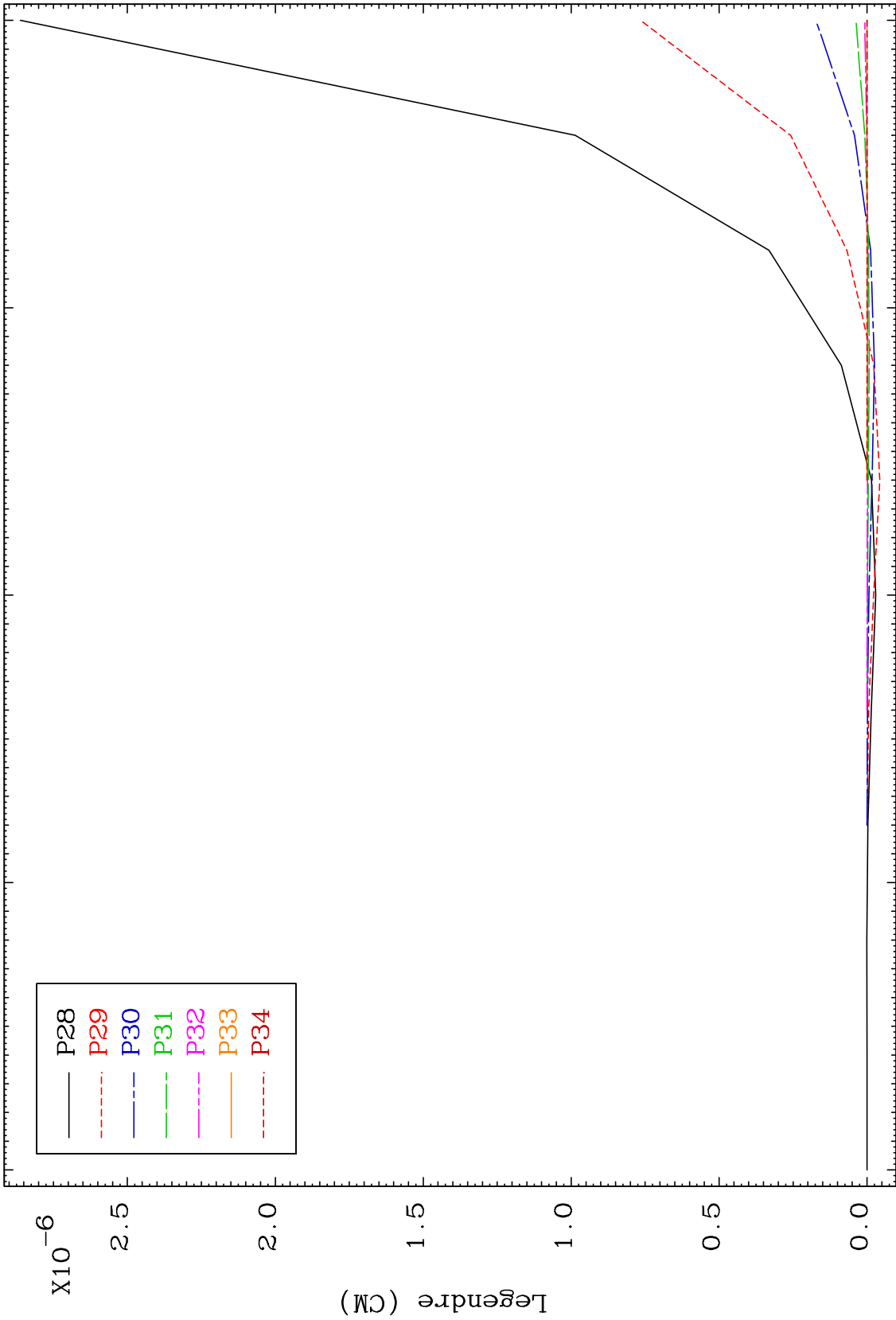
Incident Energy (MeV)

61-Pm-157

MAT 6179

Elastic Legendre Coefficients

61-Pm-157



17

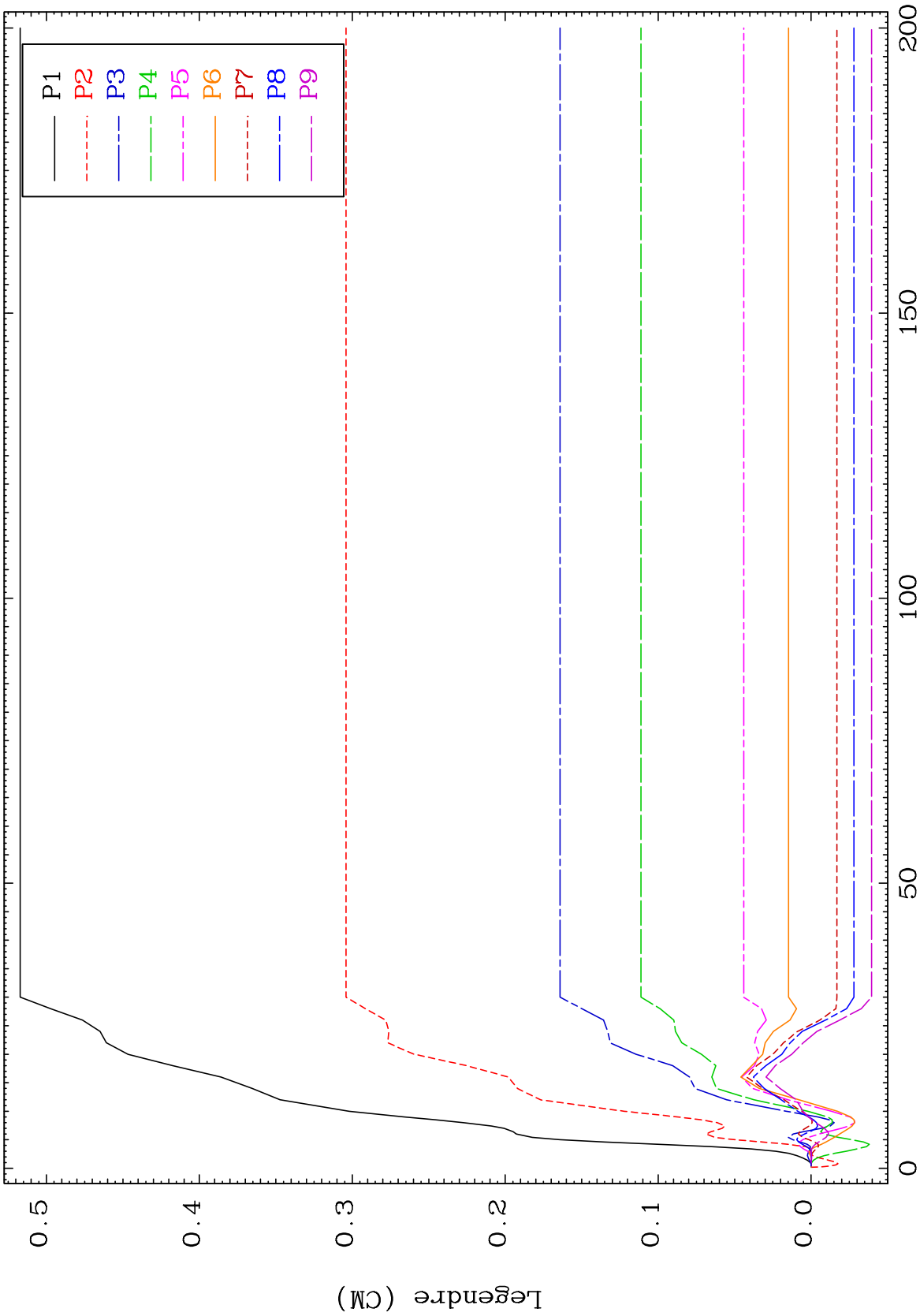
Incident Energy (MeV)

61-Pm-157

MAT 6179

MT= 51 (n,n') Level
Legendre Coefficients

61-Pm-157



18

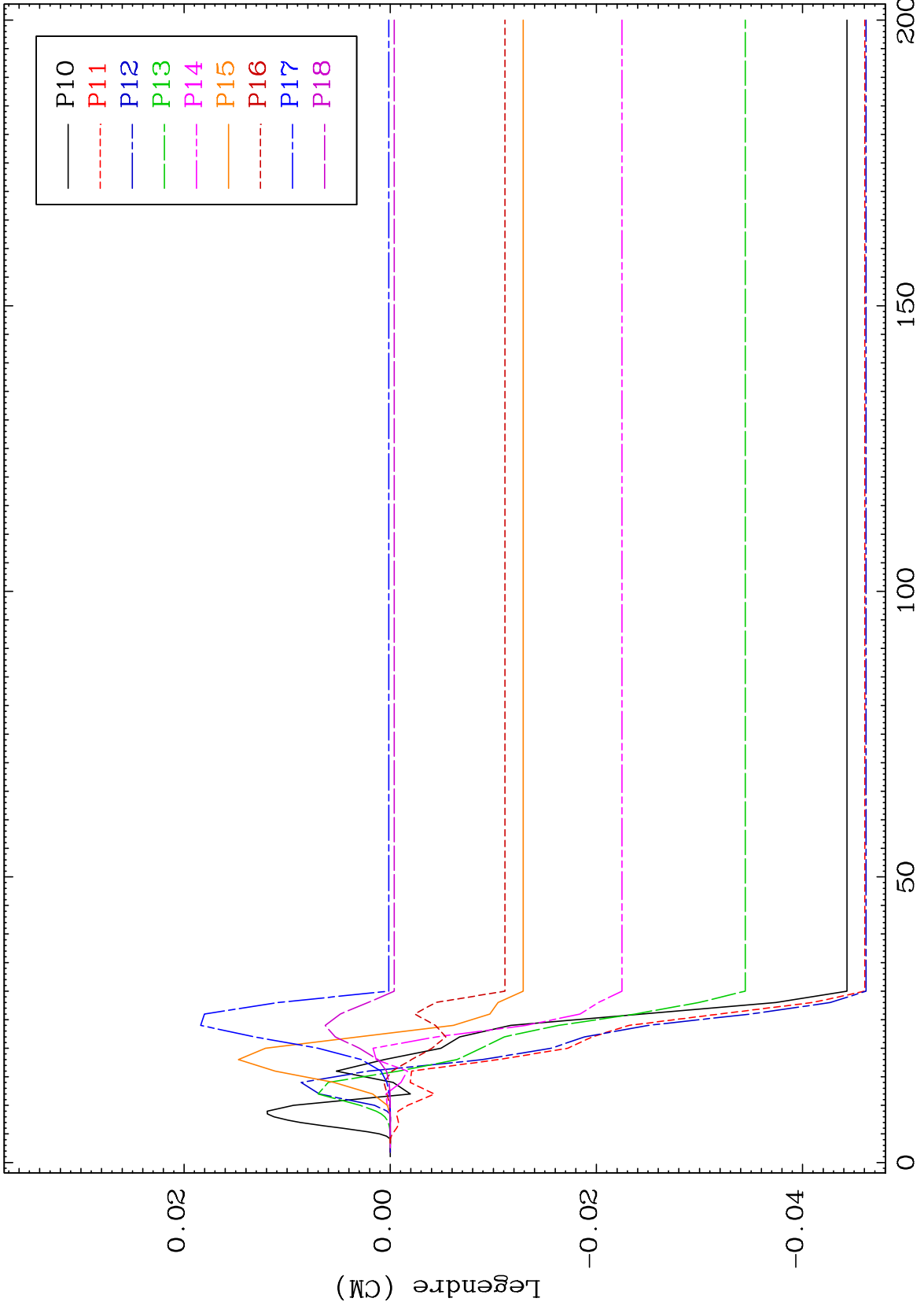
Incident Energy (MeV)

61-Pm-157

MAT 6179

MT= 51 (n,n') Level
Legendre Coefficients

61-Pm-157



19

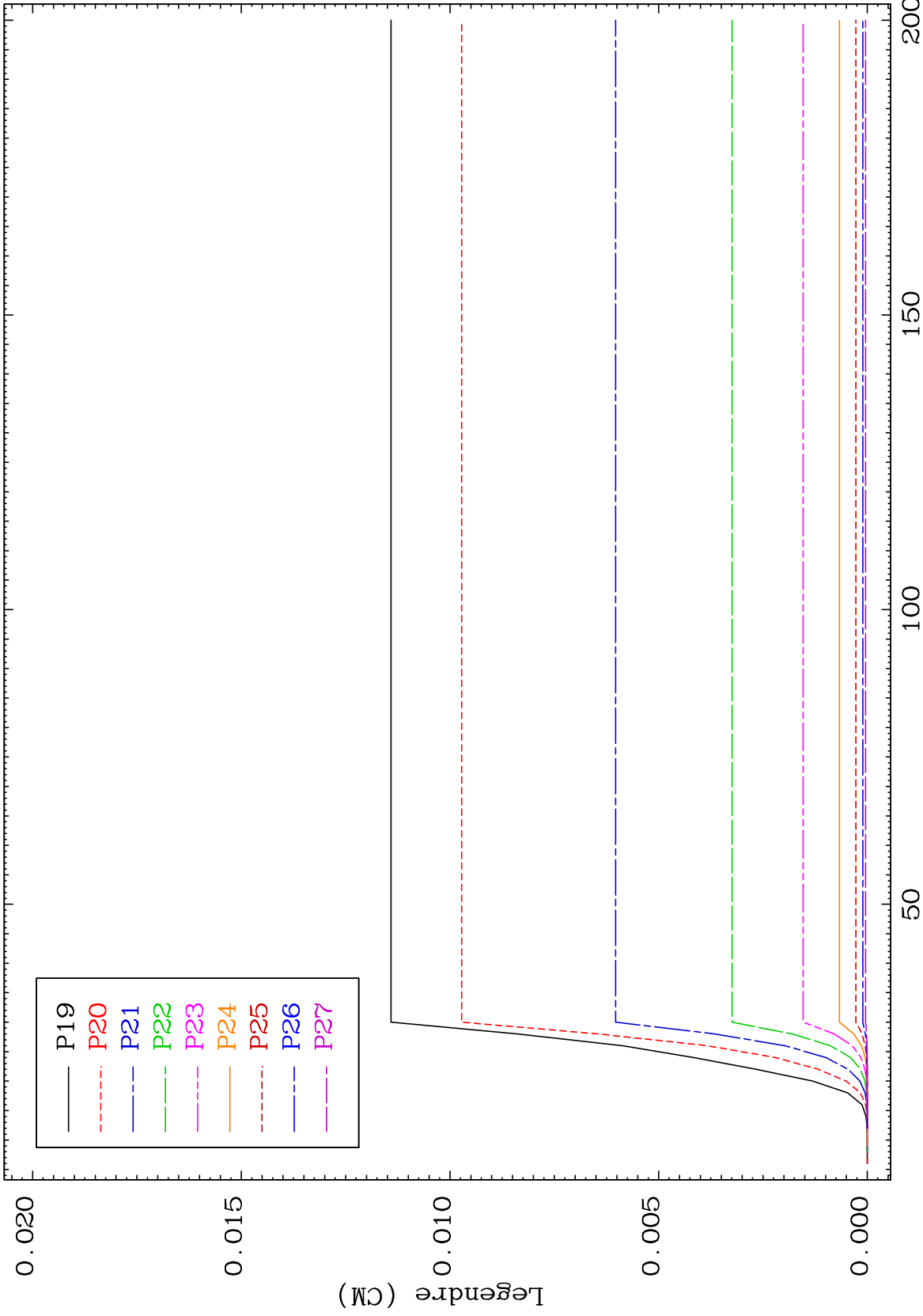
Incident Energy (MeV)

61-Pm-157

MAT 6179

MT= 51 (n,n') Level
Legendre Coefficients

61-Pm-157



20

Incident Energy (MeV)

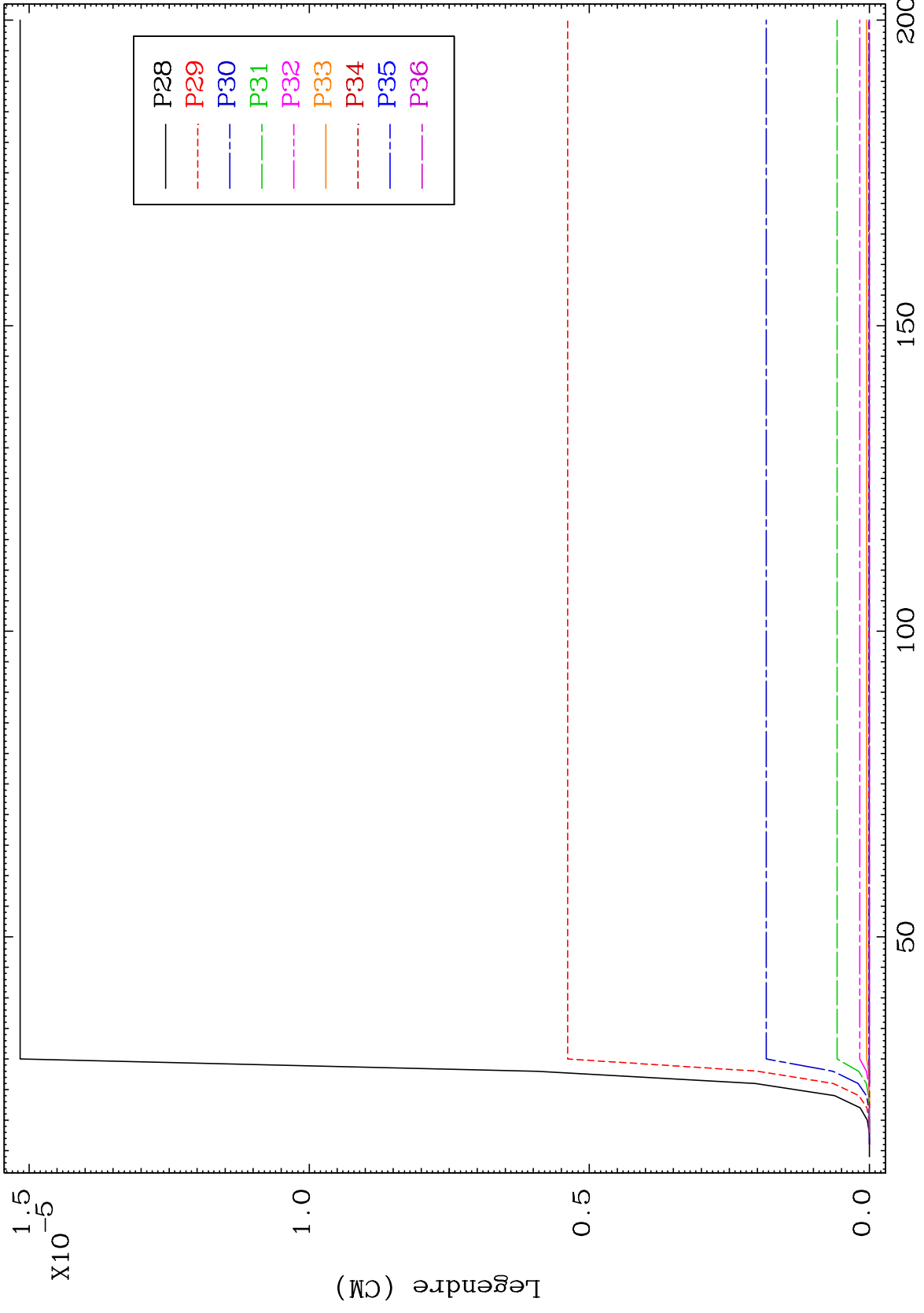
150

200
61-Pm-157

MAT 6179

MT= 51 (n,n') Level
Legendre Coefficients

61-Pm-157



21

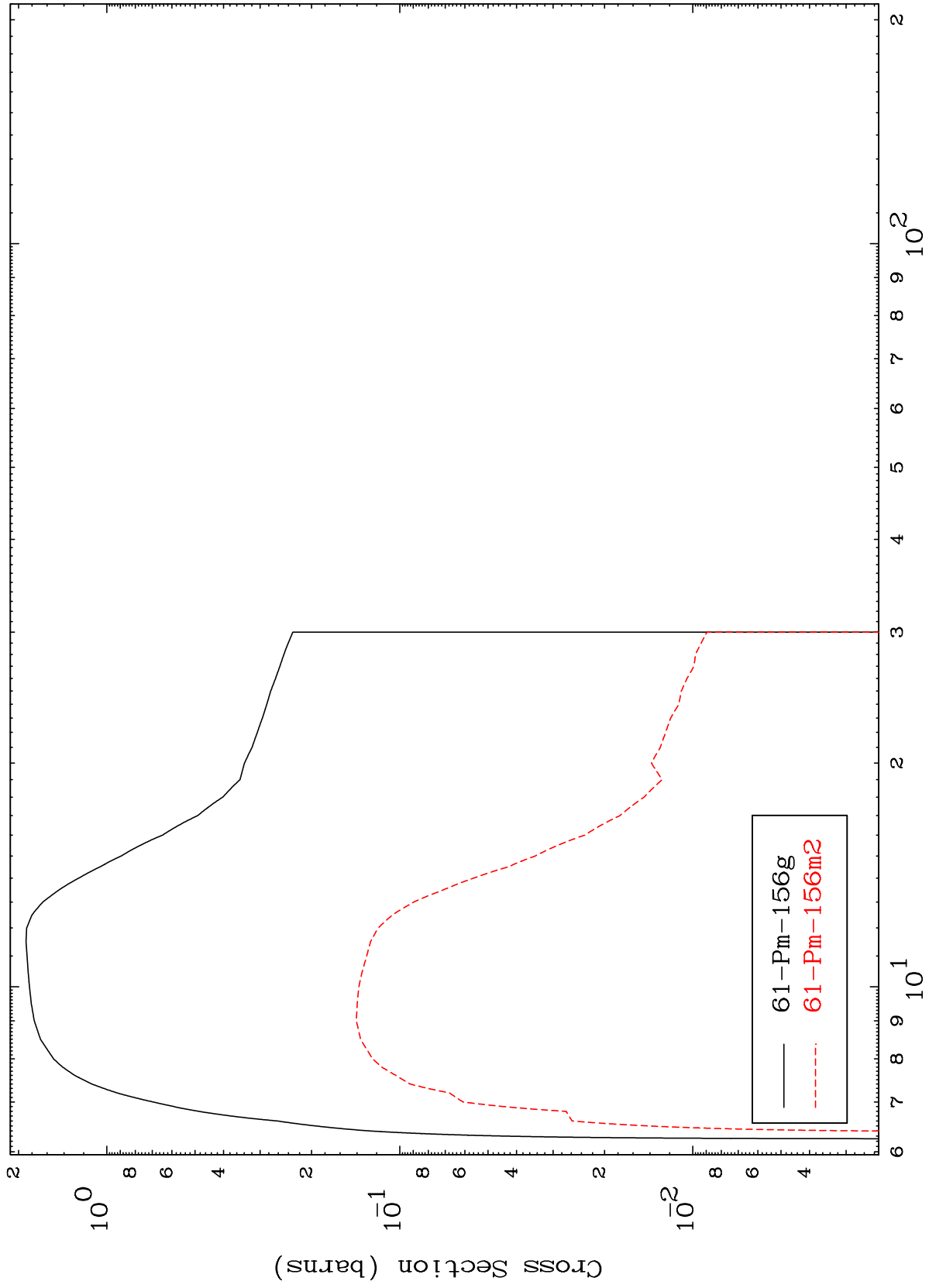
Incident Energy (MeV)

61-Pm-157

MAT 6179

61-Pm-157

Radionuclide Production Cross Section
(n,2n)



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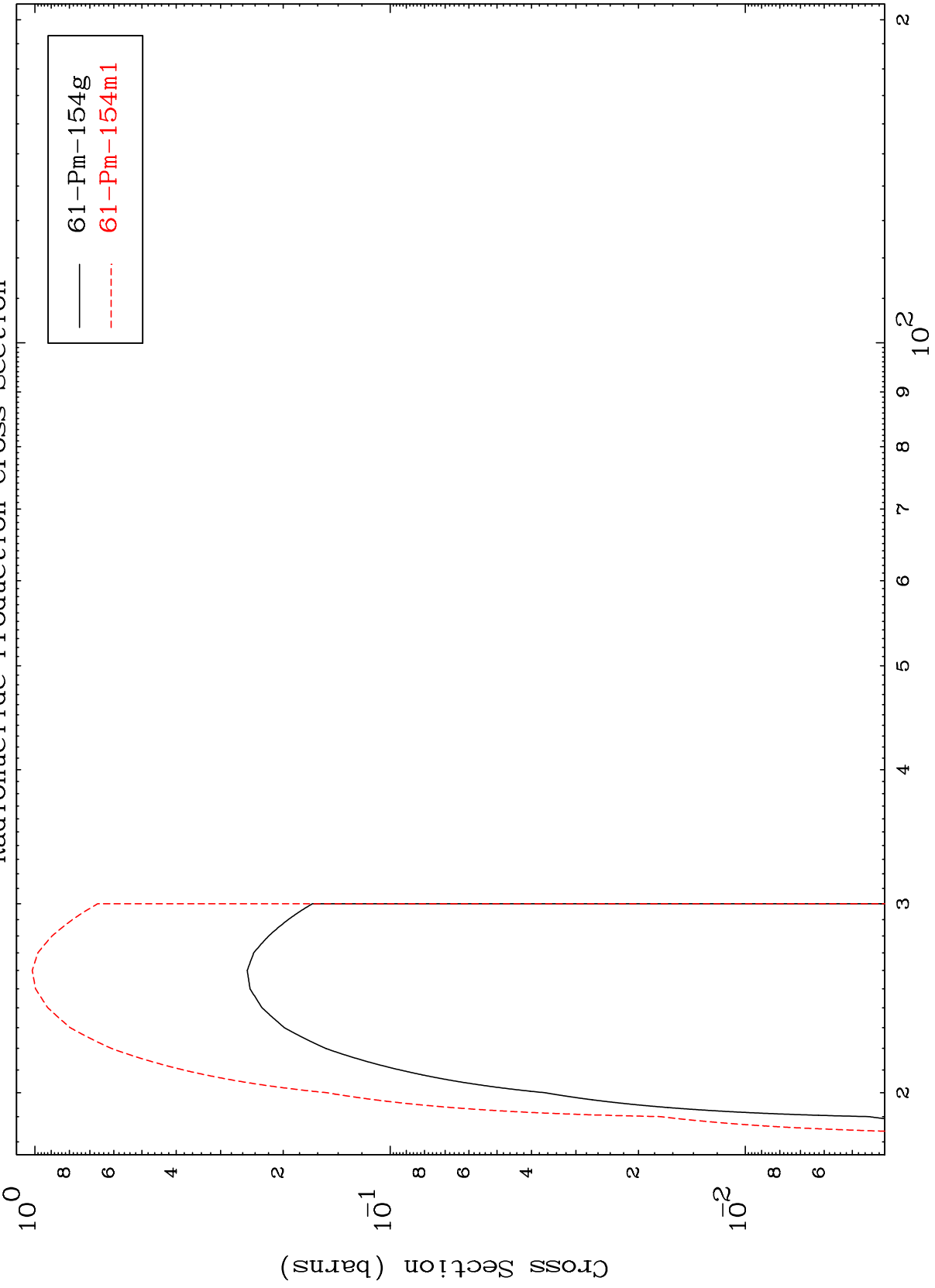
Incident Energy (MeV)

61-Pm-157

MAT 6179

61-Pm-157

(n,4n)
Radionuclide Production Cross Section



61-Pm-154g
61-Pm-154m1

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61-Pm-157

Incident Energy (MeV)