

Program EVALPLOT
(Version 2017-1)

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

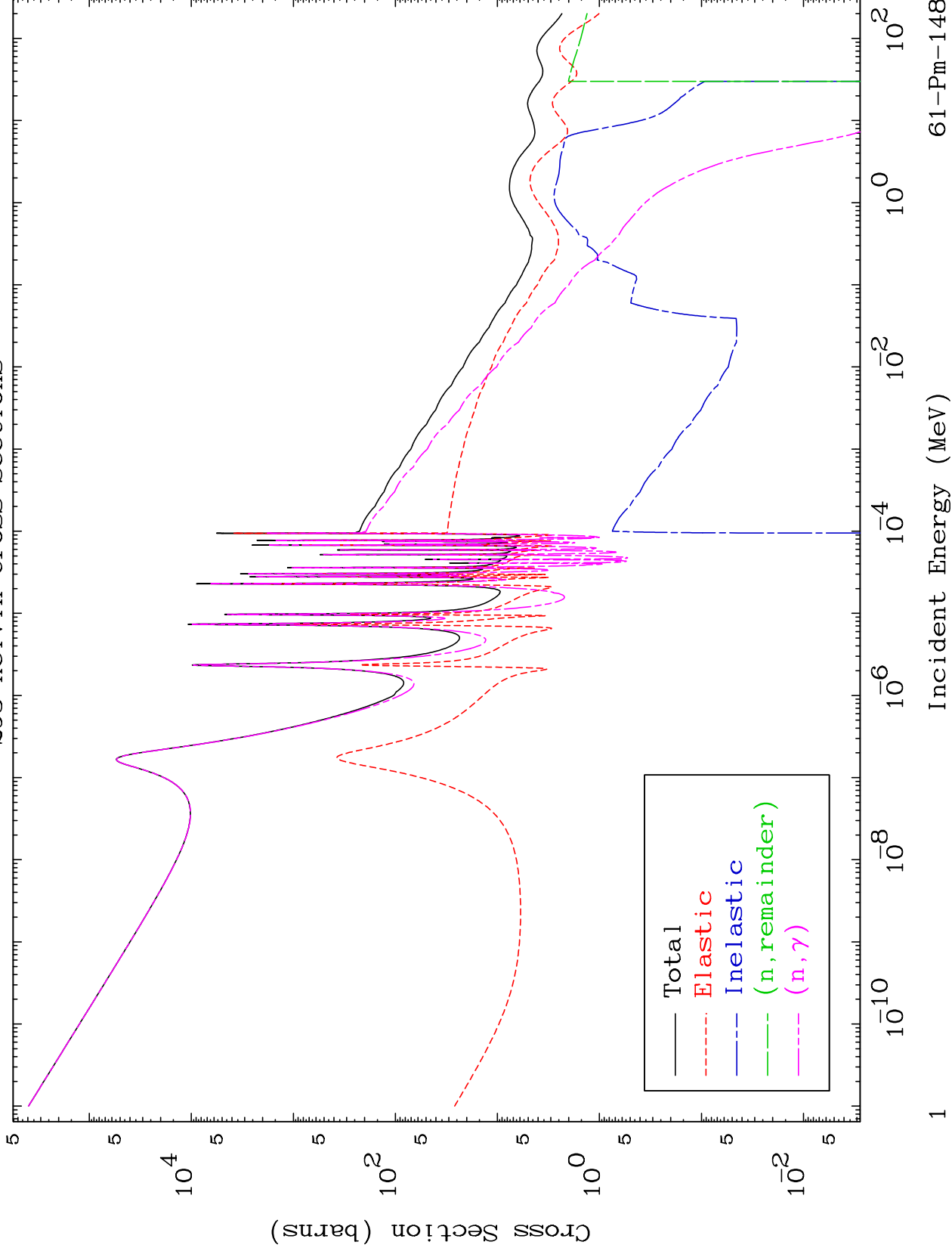
Press Mouse Button to Start

MAT 6153

Major

293 Kelvin Cross Sections

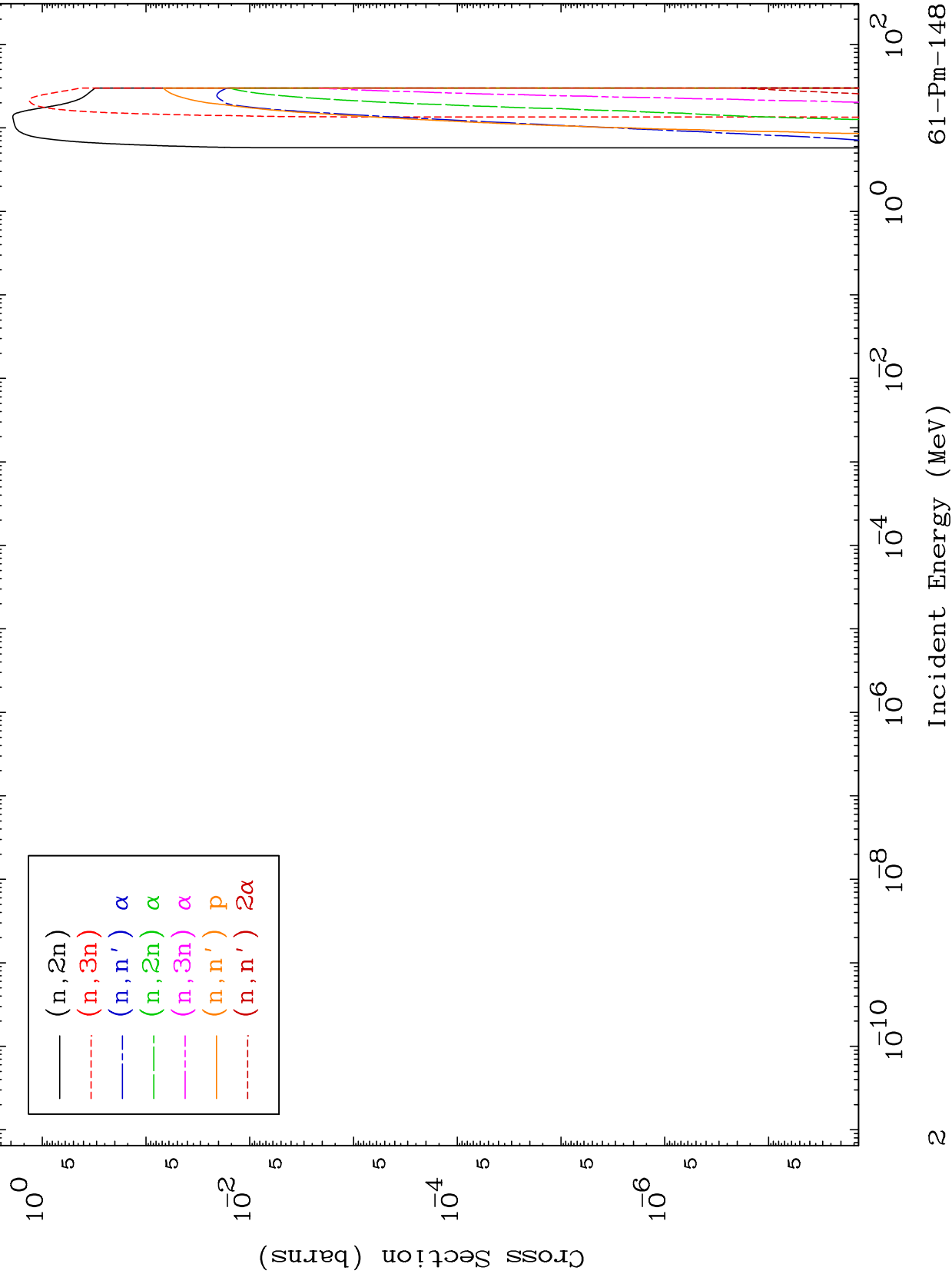
61-Pm-148

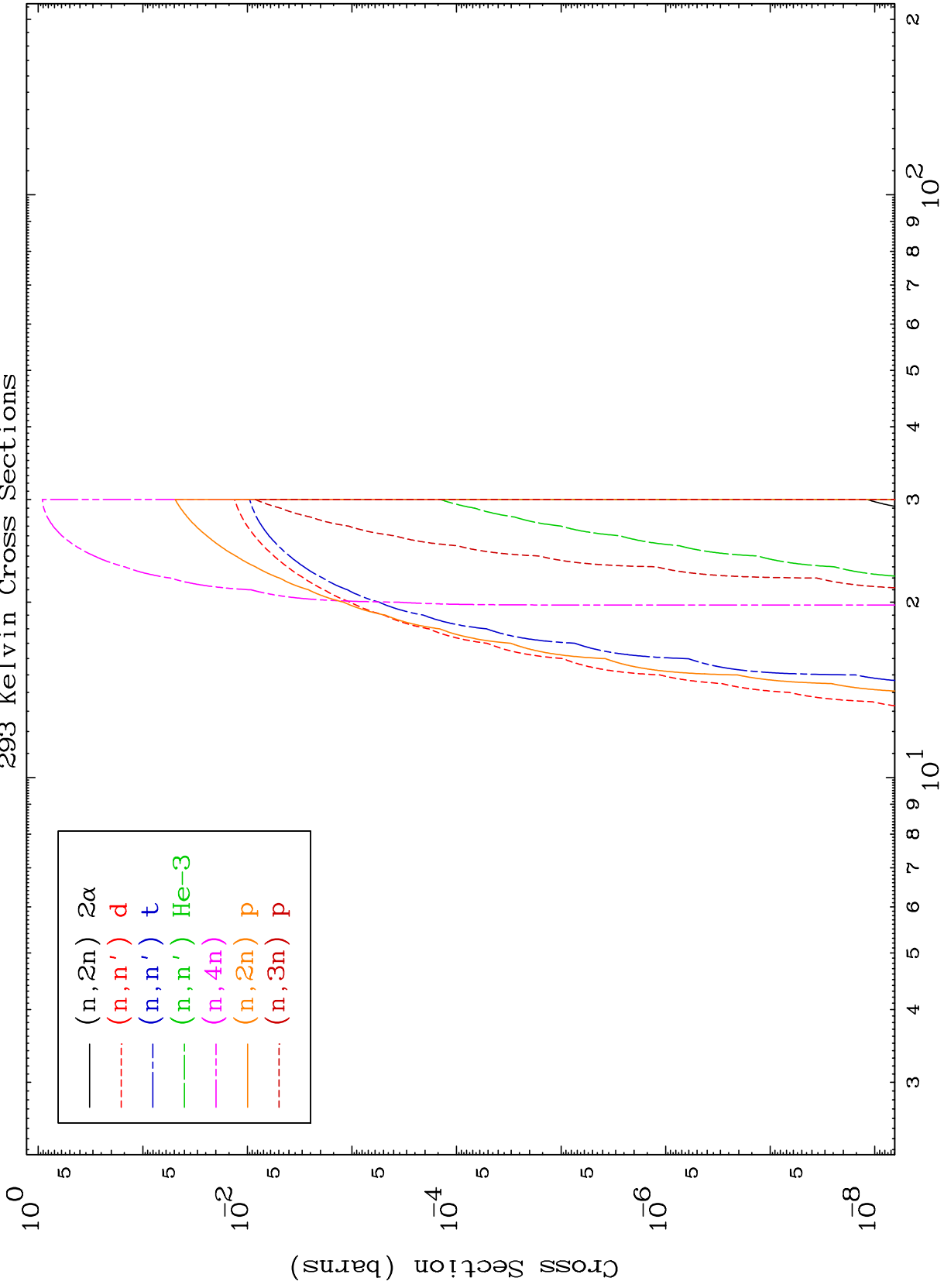


MAT 6153

Neutron Production
293 Kelvin Cross Sections

61-Pm-148

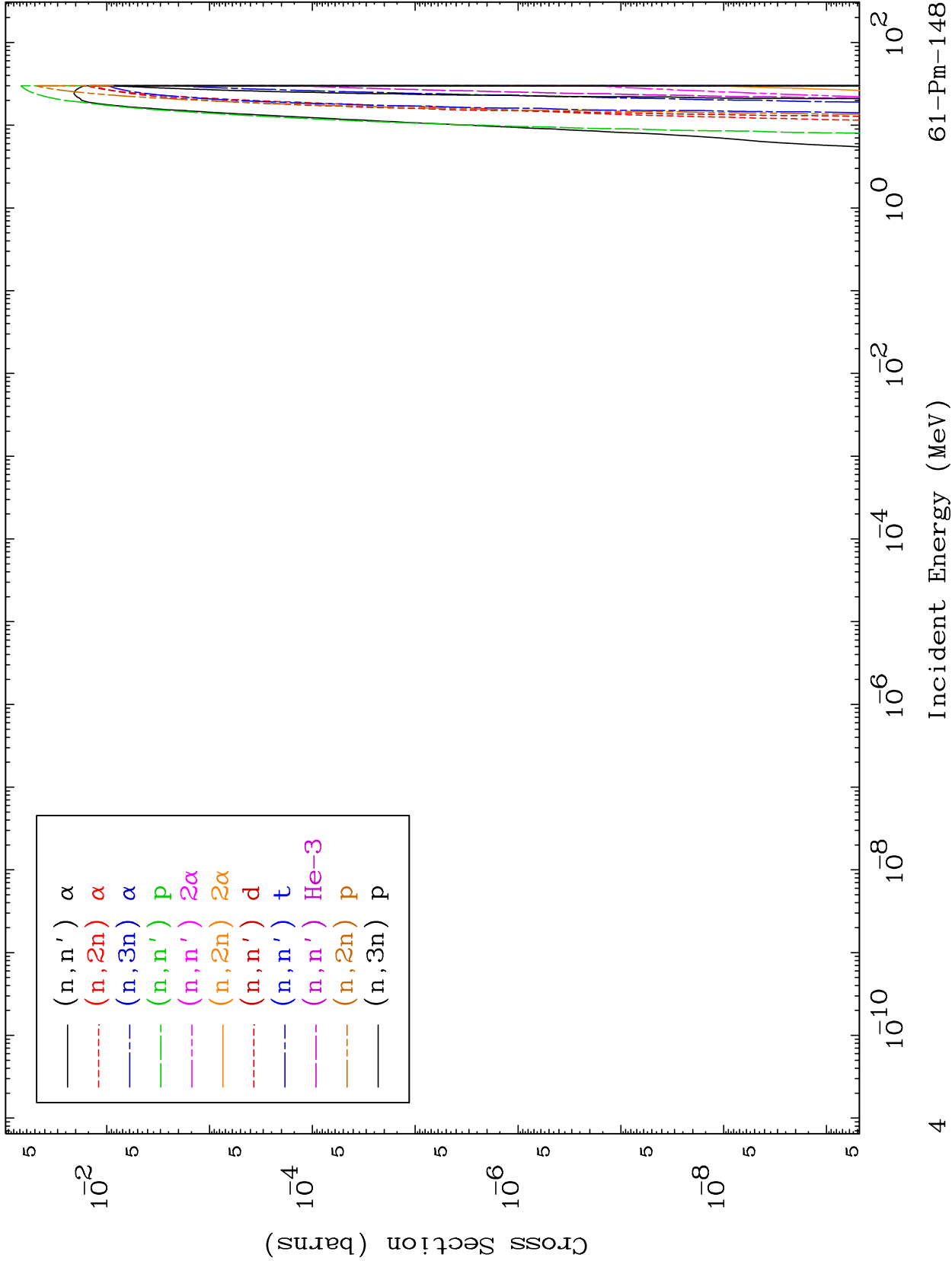




MAT 6153

Charged Particle
293 Kelvin Cross Sections

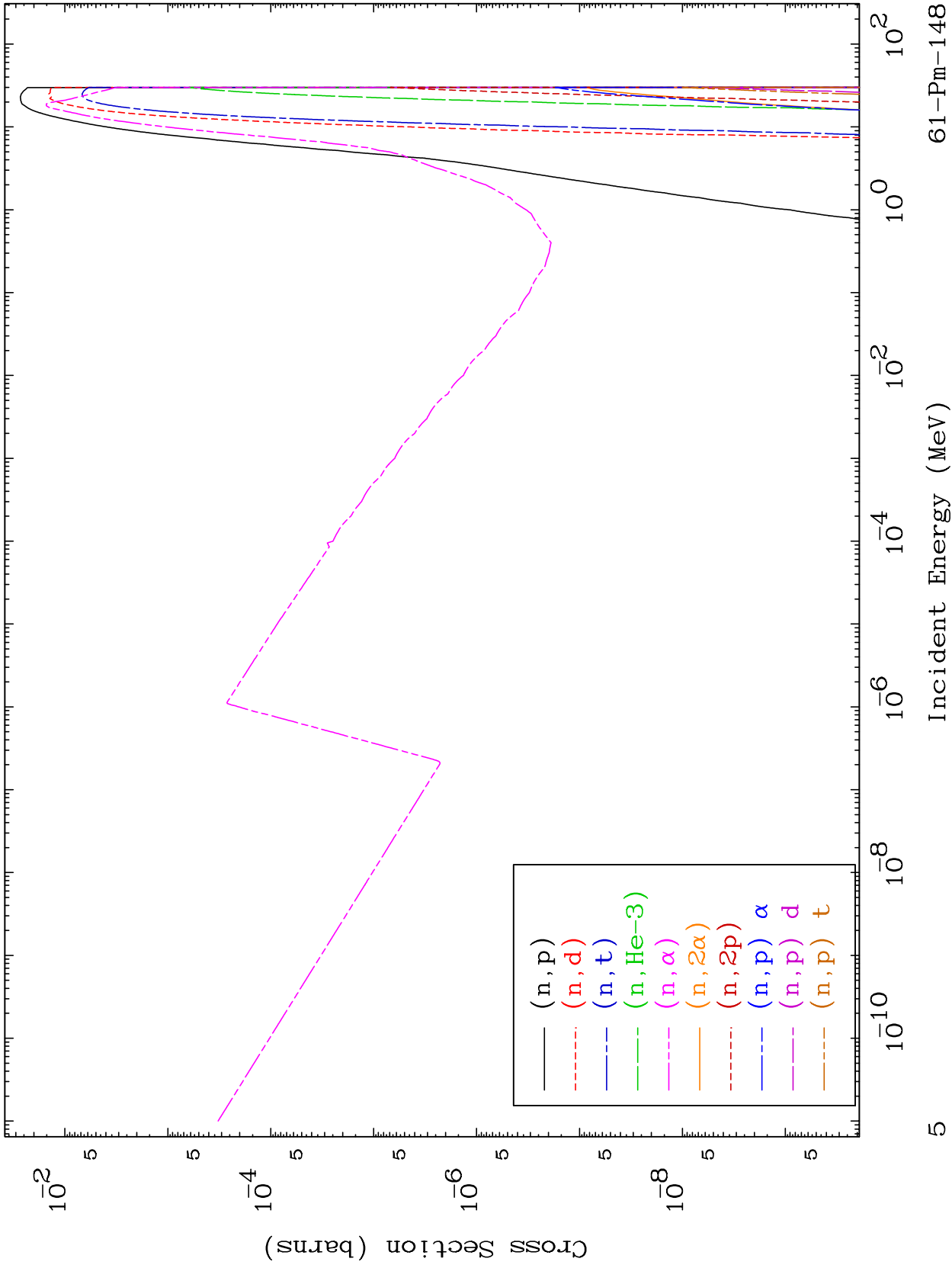
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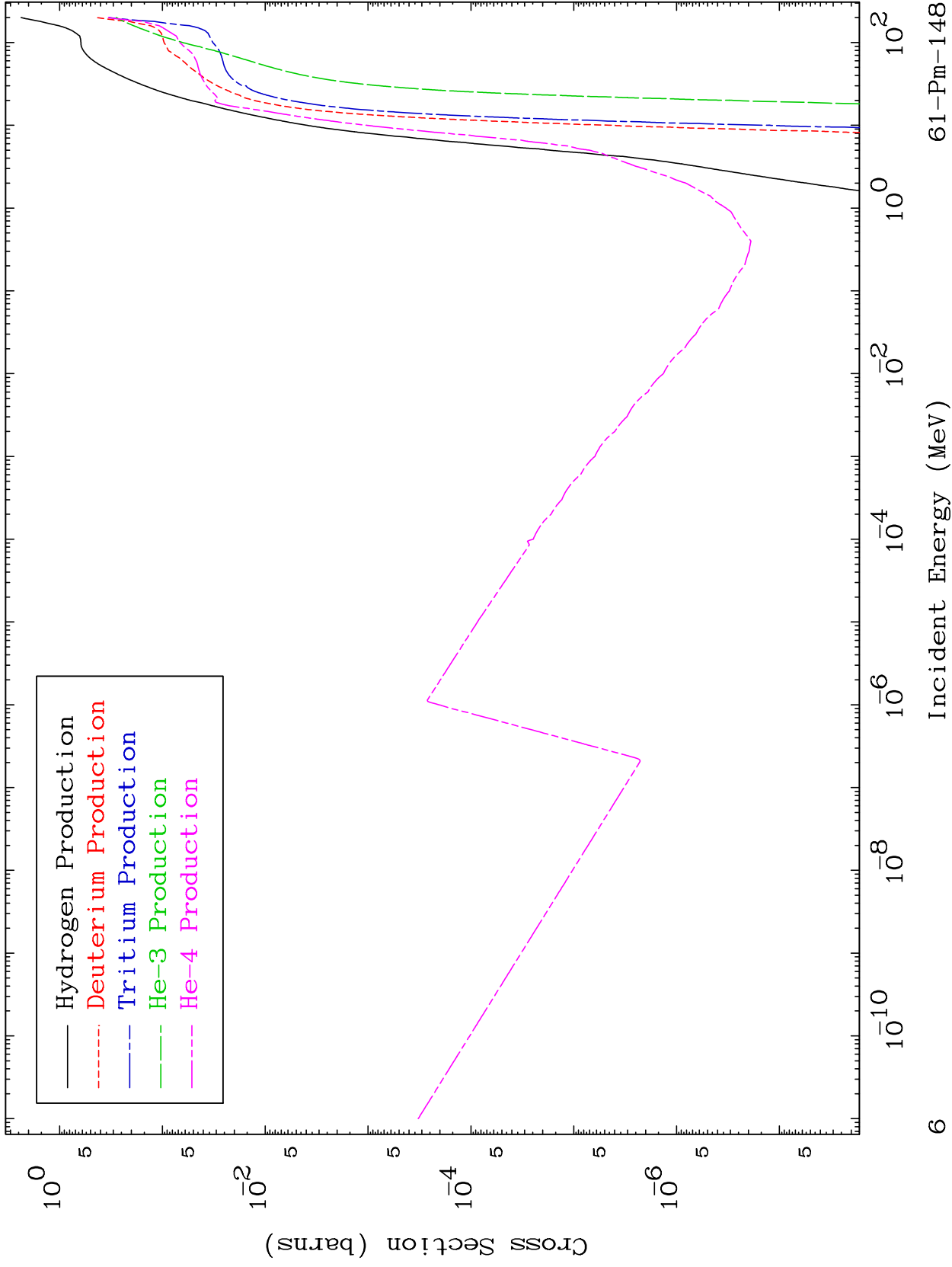


MAT 6153

Charged Particle
293 Kelvin Cross Sections

61-Pm-148

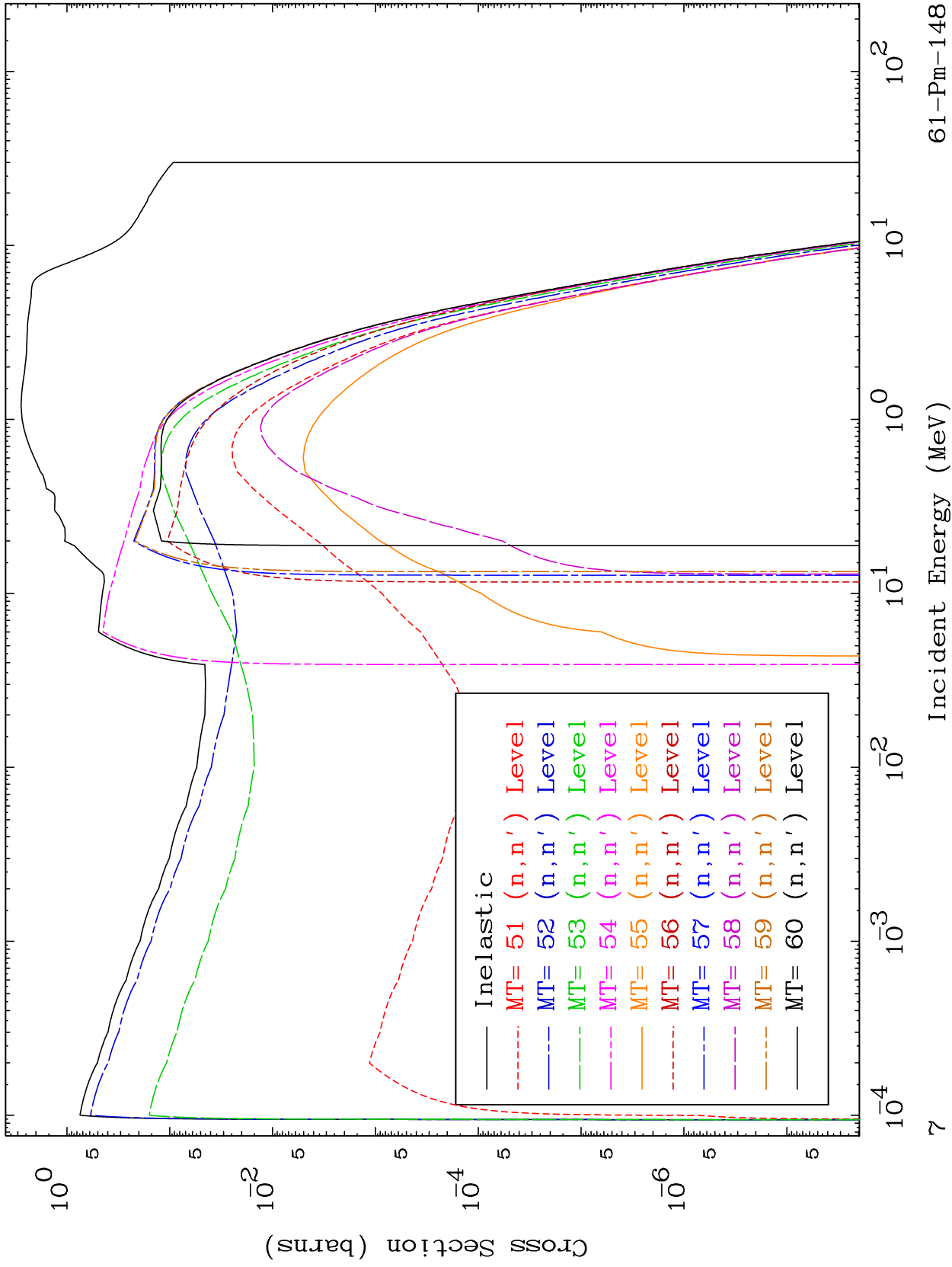




MAT 6153

(n,n') Level
293 Kelvin Cross Sections

61-Pm-148



61-Pm-148

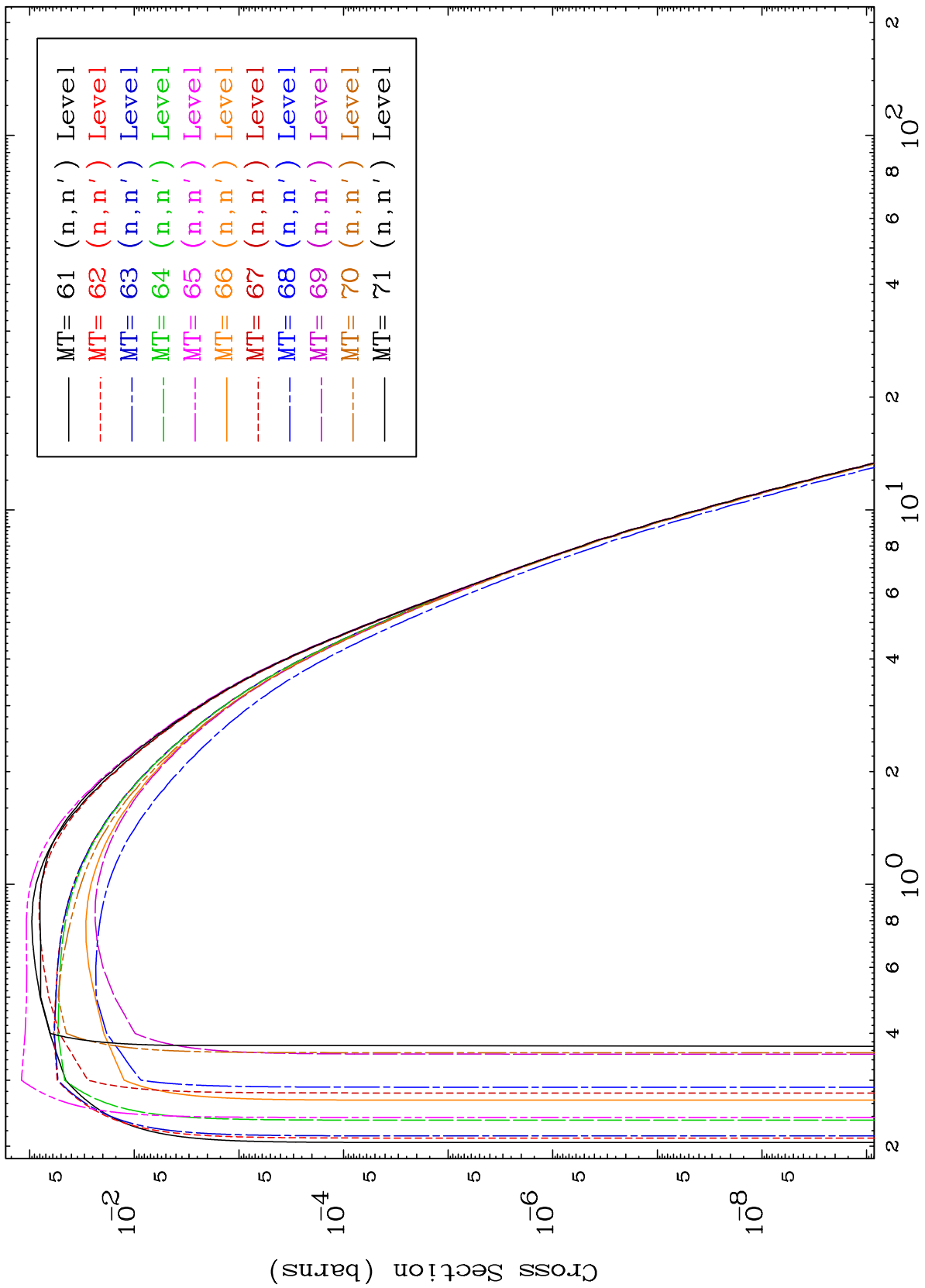
Incident Energy (MeV)

MAT 6153

(n,n') Level

61-Pm-148

293 Kelvin Cross Sections



Incident Energy (MeV)

61-Pm-148

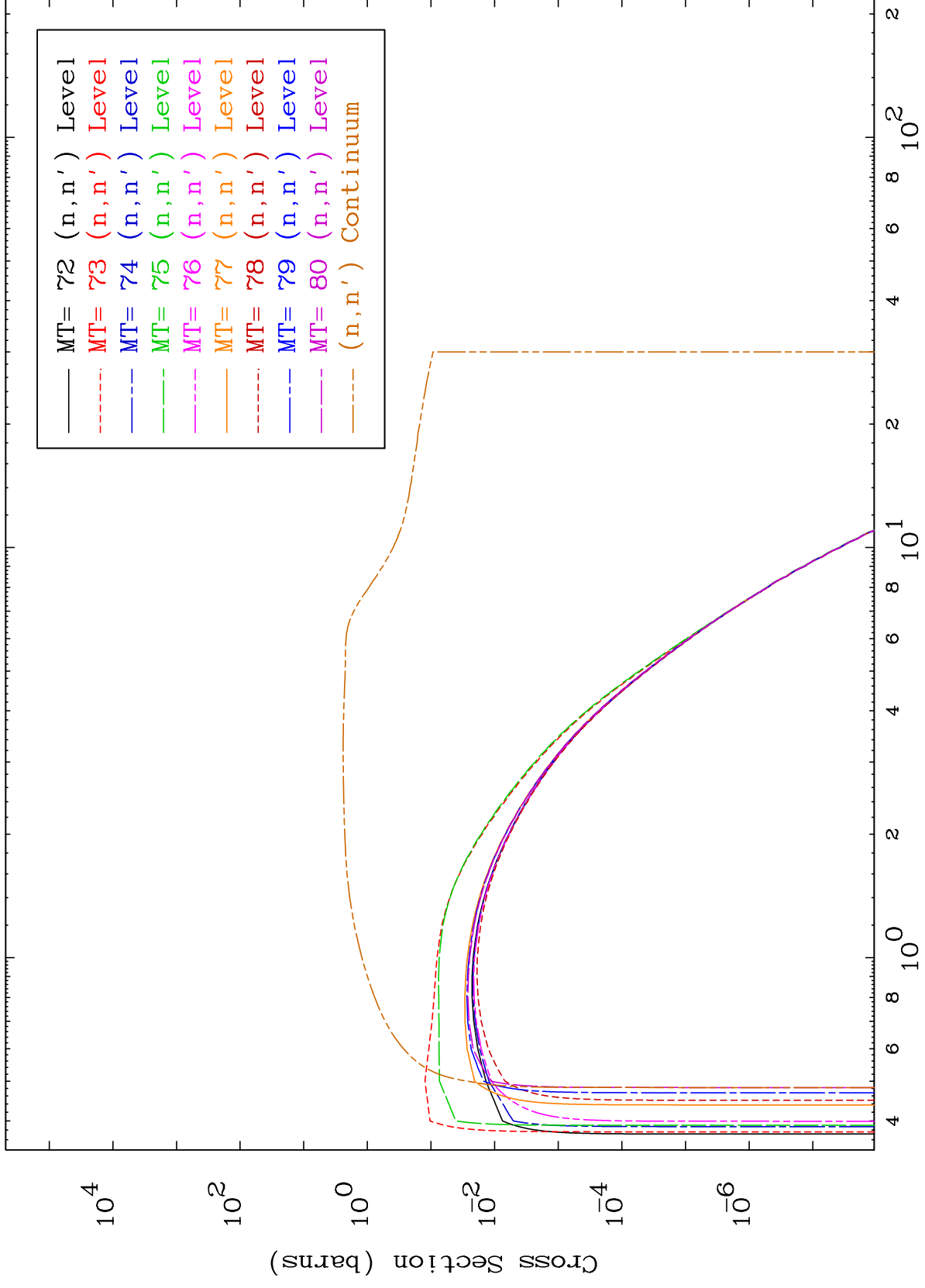
8

MAT 6153

(n,n') Level

61-Pm-148

293 Kelvin Cross Sections



9

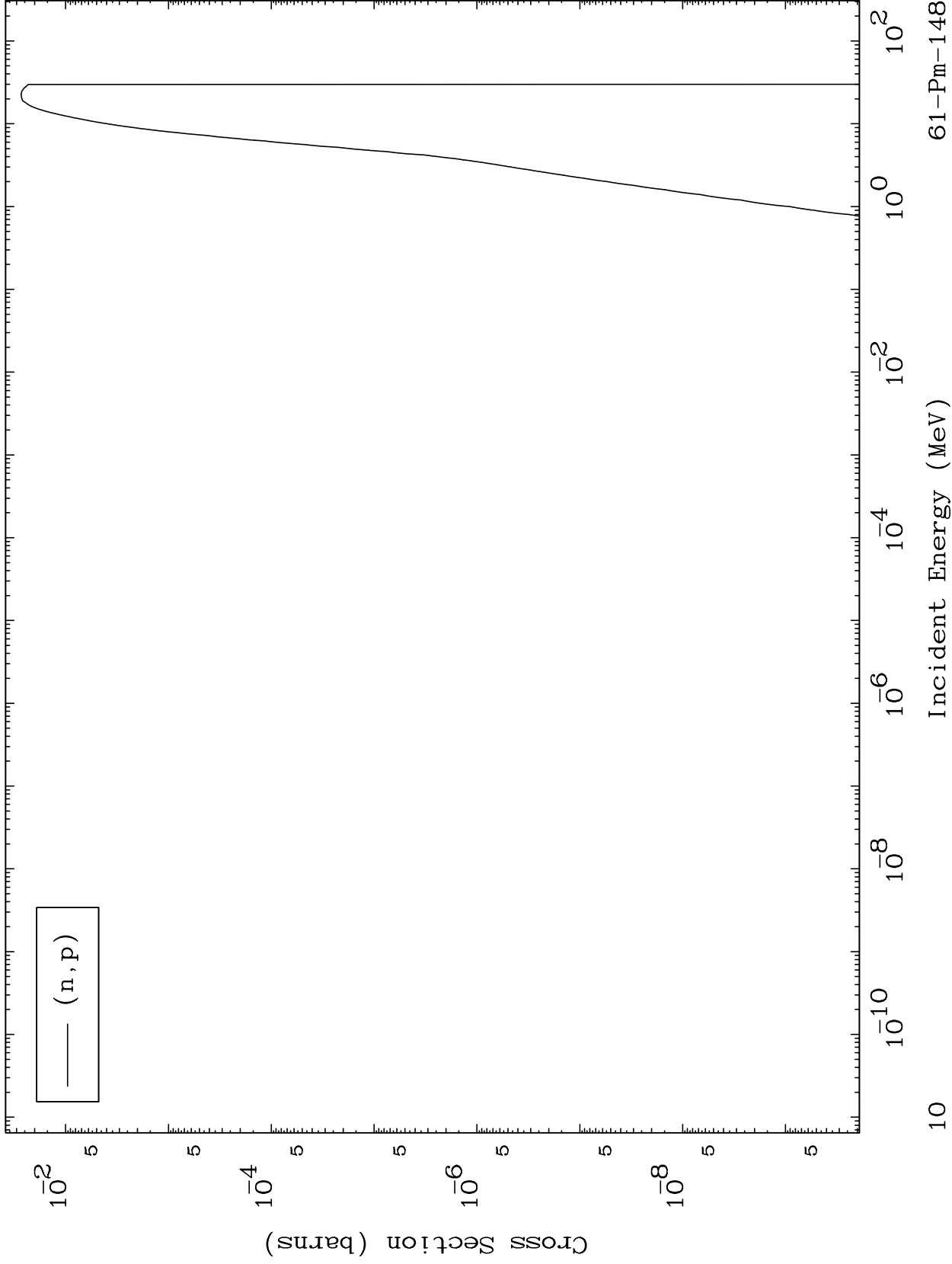
Incident Energy (MeV)

61-Pm-148

MAT 6153

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-148



10

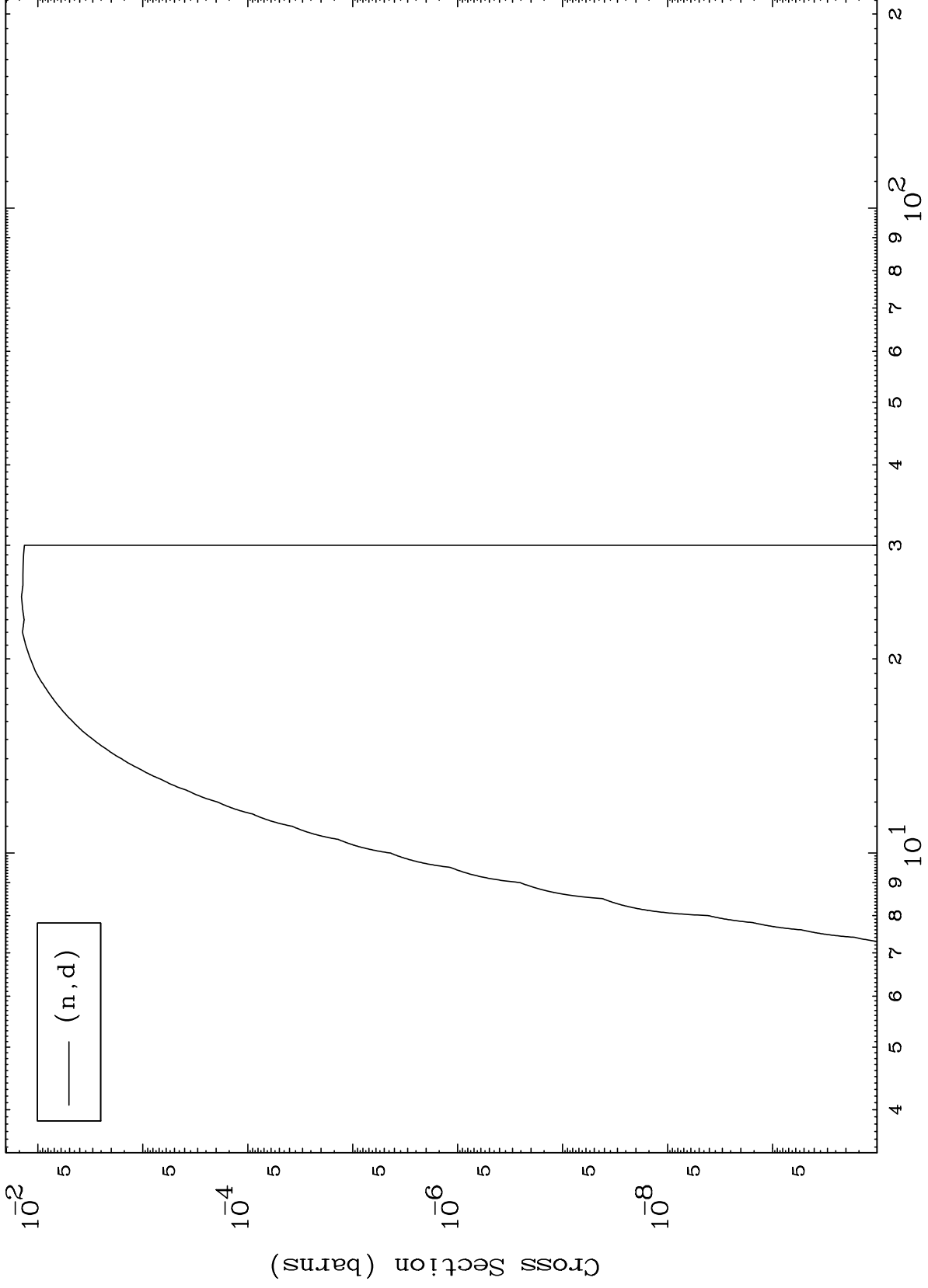
Incident Energy (MeV)

61-Pm-148

MAT 6153

(n,d) Levels
293 Kelvin Cross Sections

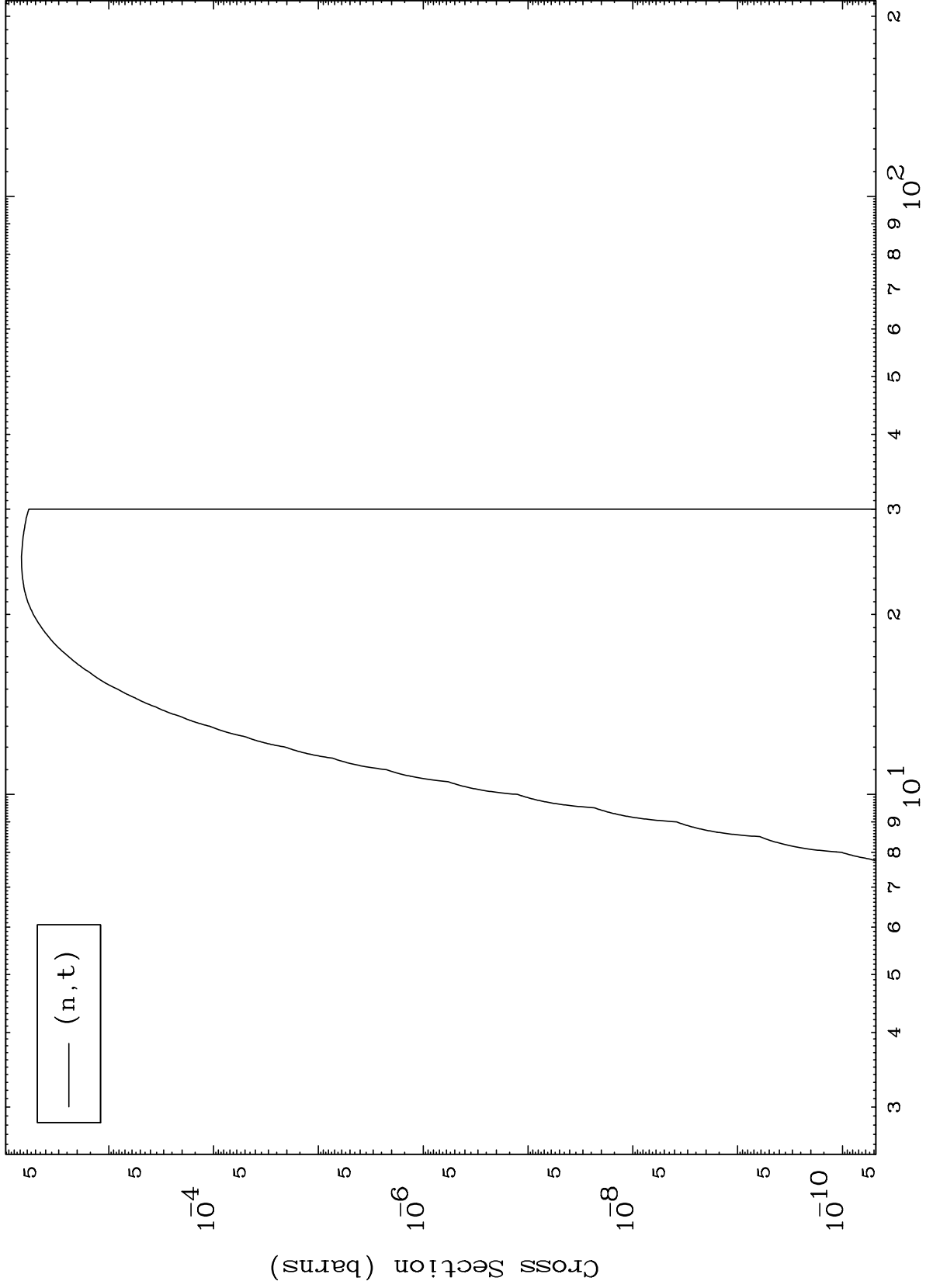
61-Pm-148



MAT 6153

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-148



12

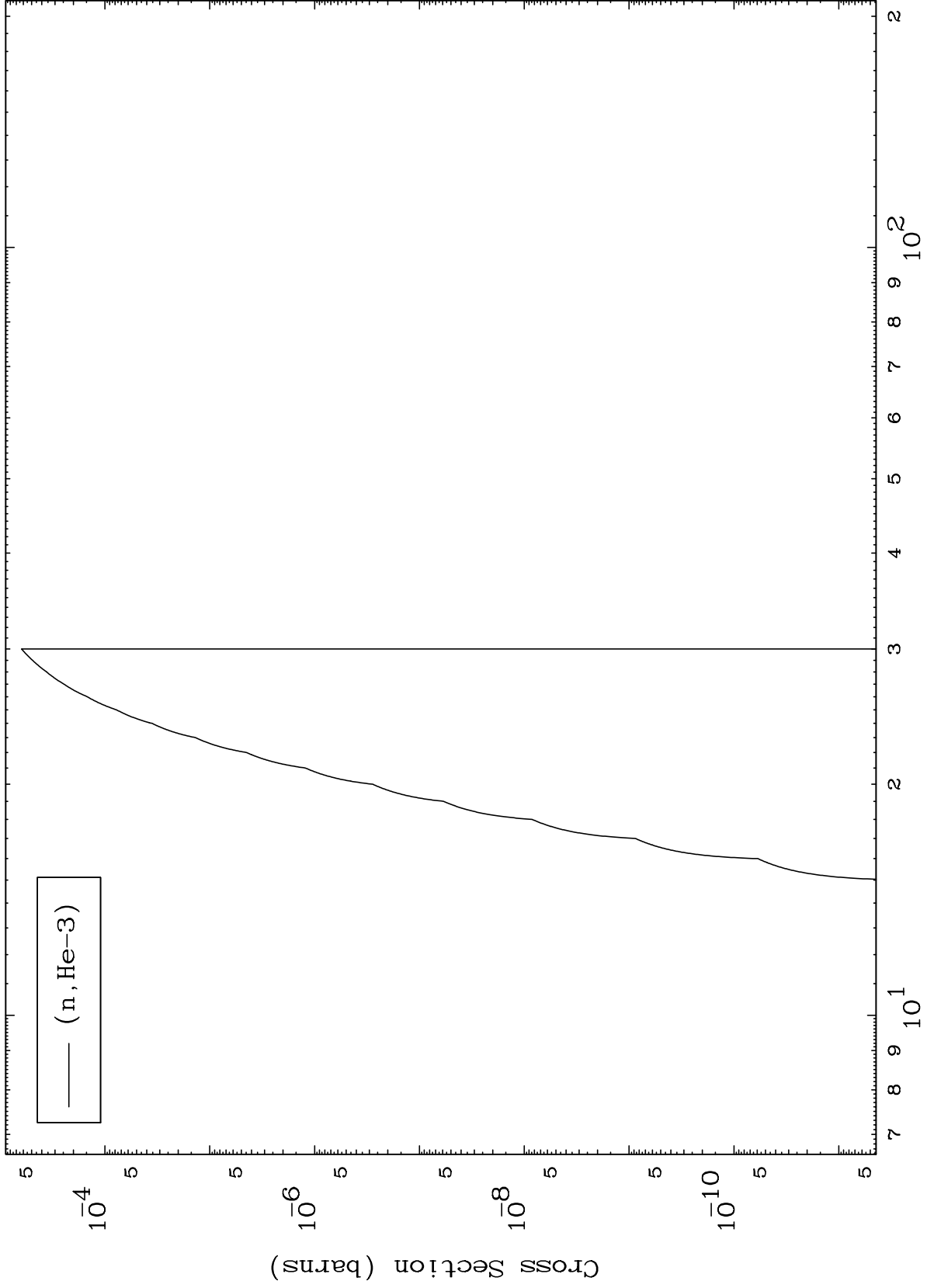
Incident Energy (MeV)

61-Pm-148

MAT 6153

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-148



13

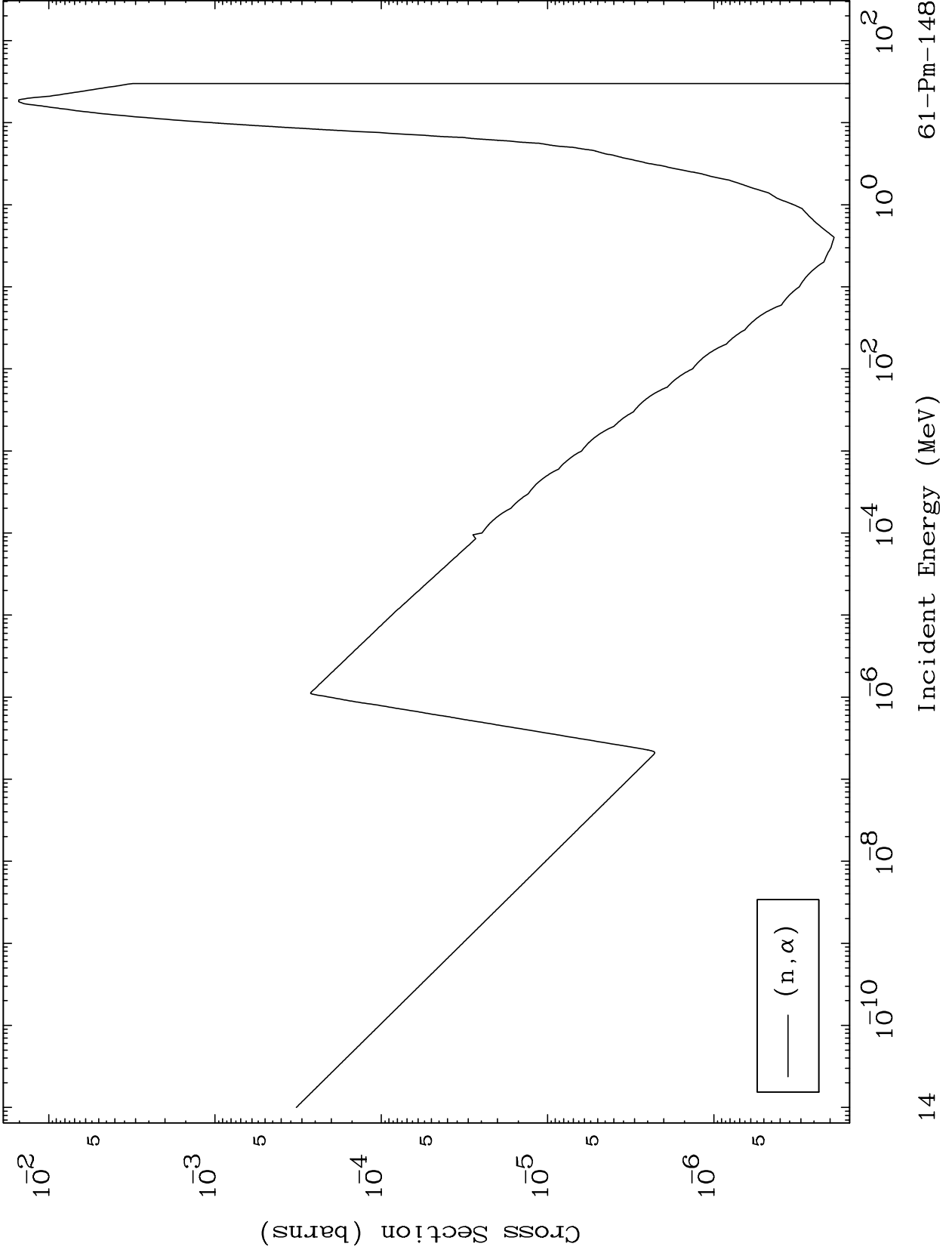
Incident Energy (MeV)

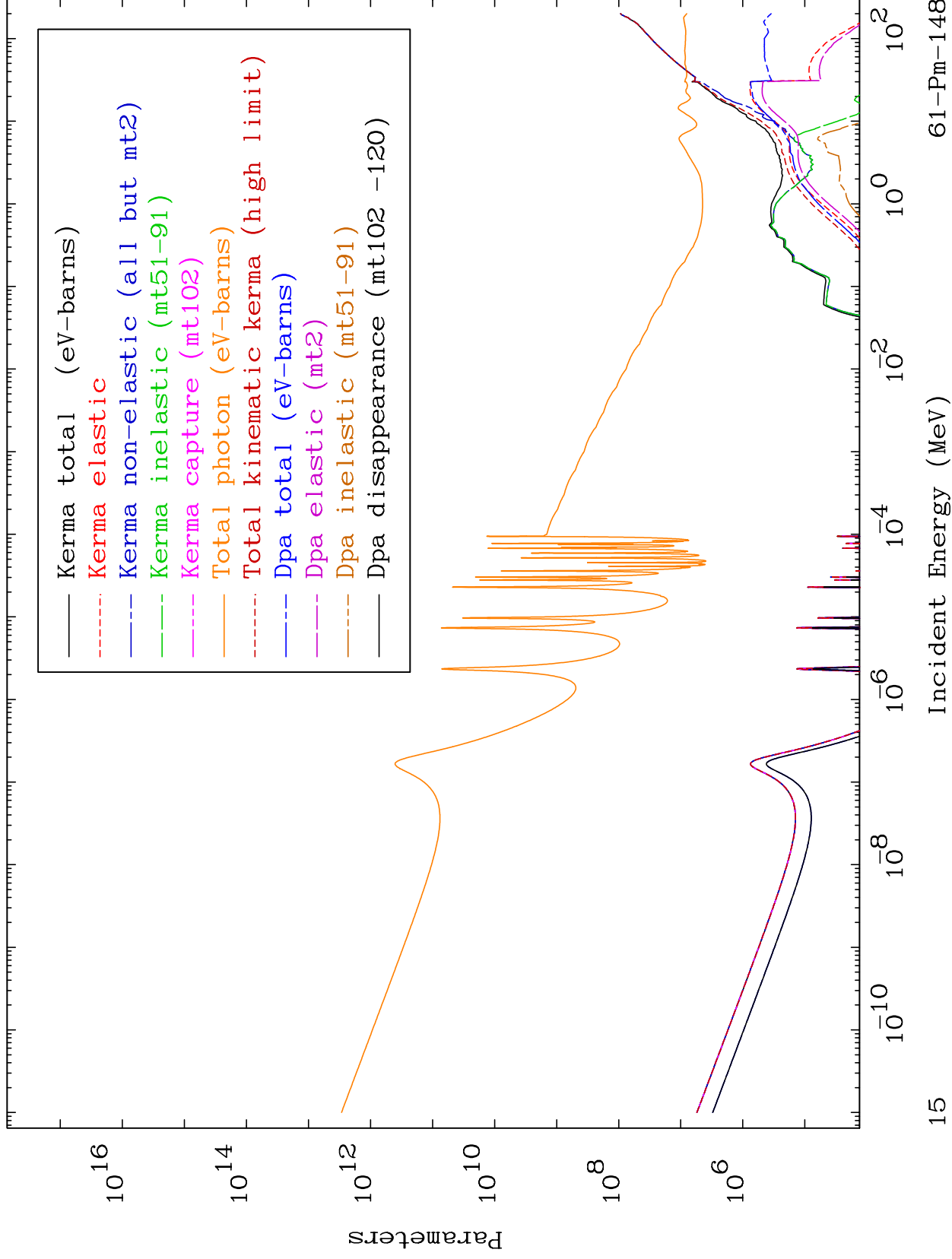
61-Pm-148

MAT 6153

(n, α) Levels
293 Kelvin Cross Sections

61-Pm-148

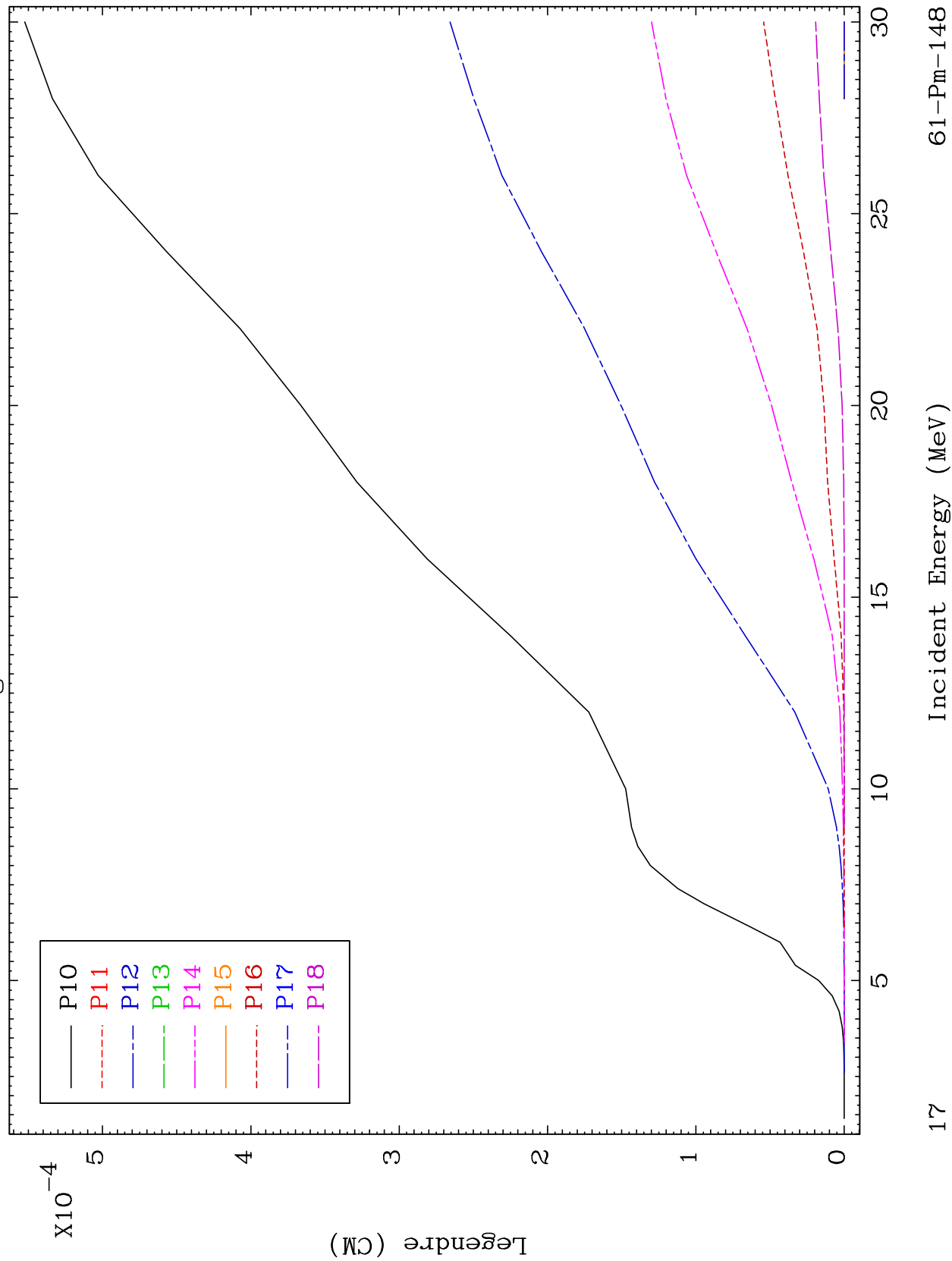




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Elastic Legendre Coefficients

61-Pm-148



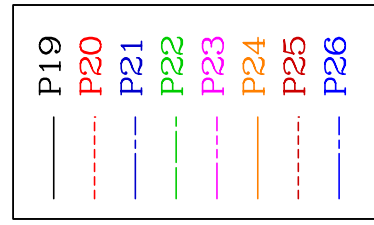
- P10
- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18

17

MAT 6153

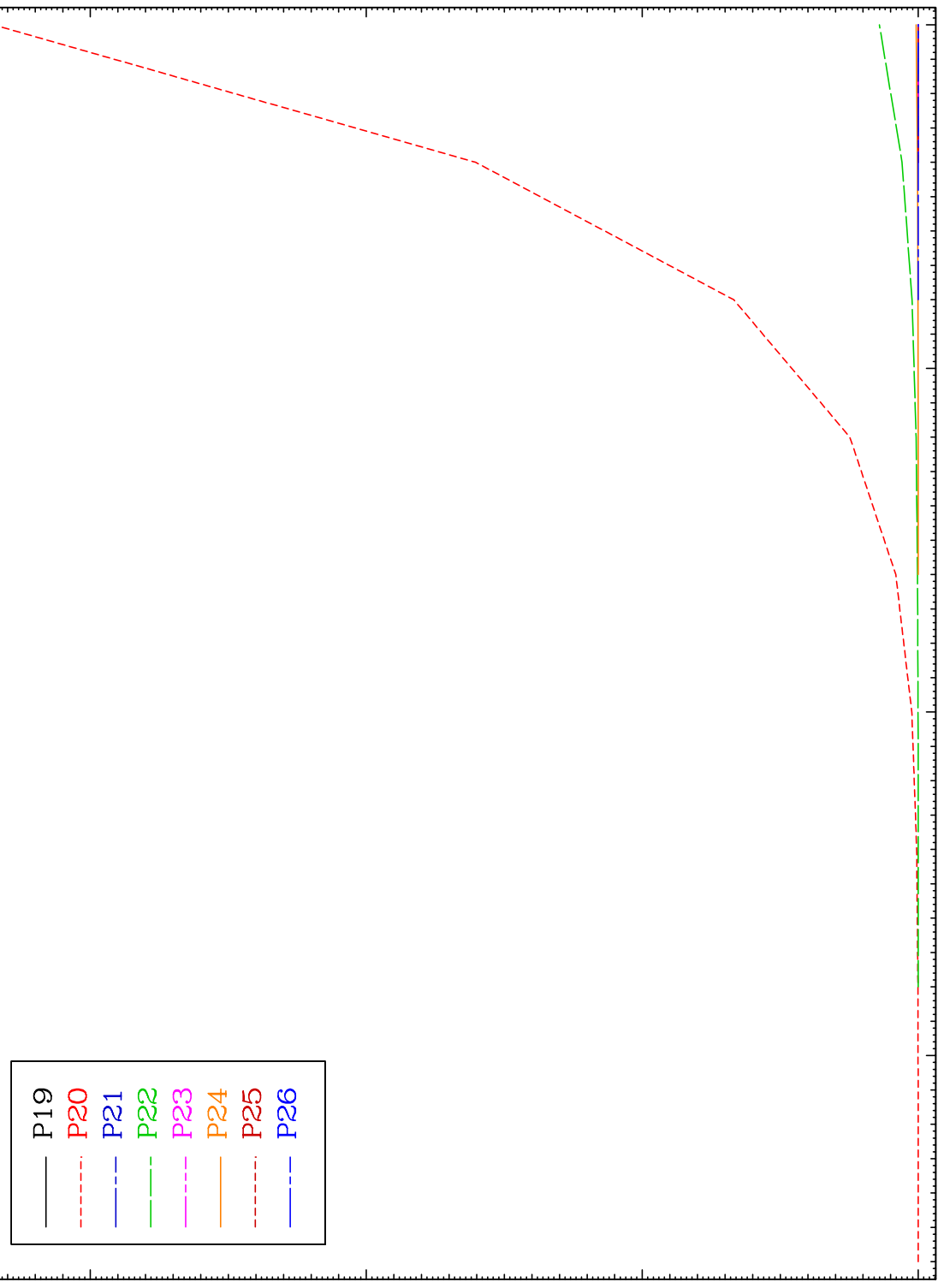
Elastic
Legendre Coefficients

61-Pm-148



$\times 10^{-6}$

Legendre (CM)



18

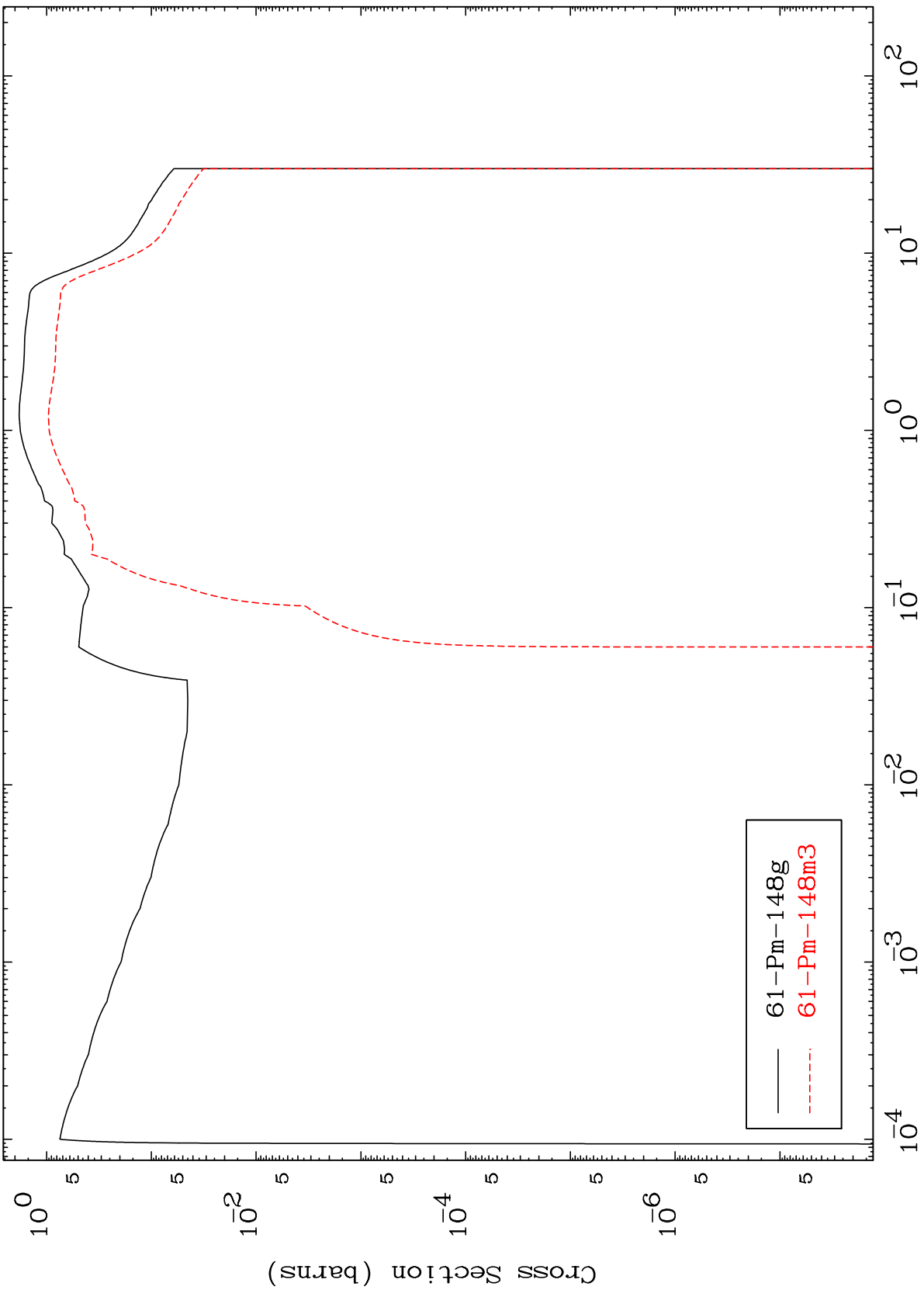
Incident Energy (MeV)

61-Pm-148

MAT 6153

61-Pm-148

Inelastic
Radionuclide Production Cross Section



— 61-Pm-148g
- - - 61-Pm-148m3

61-Pm-148

Incident Energy (MeV)

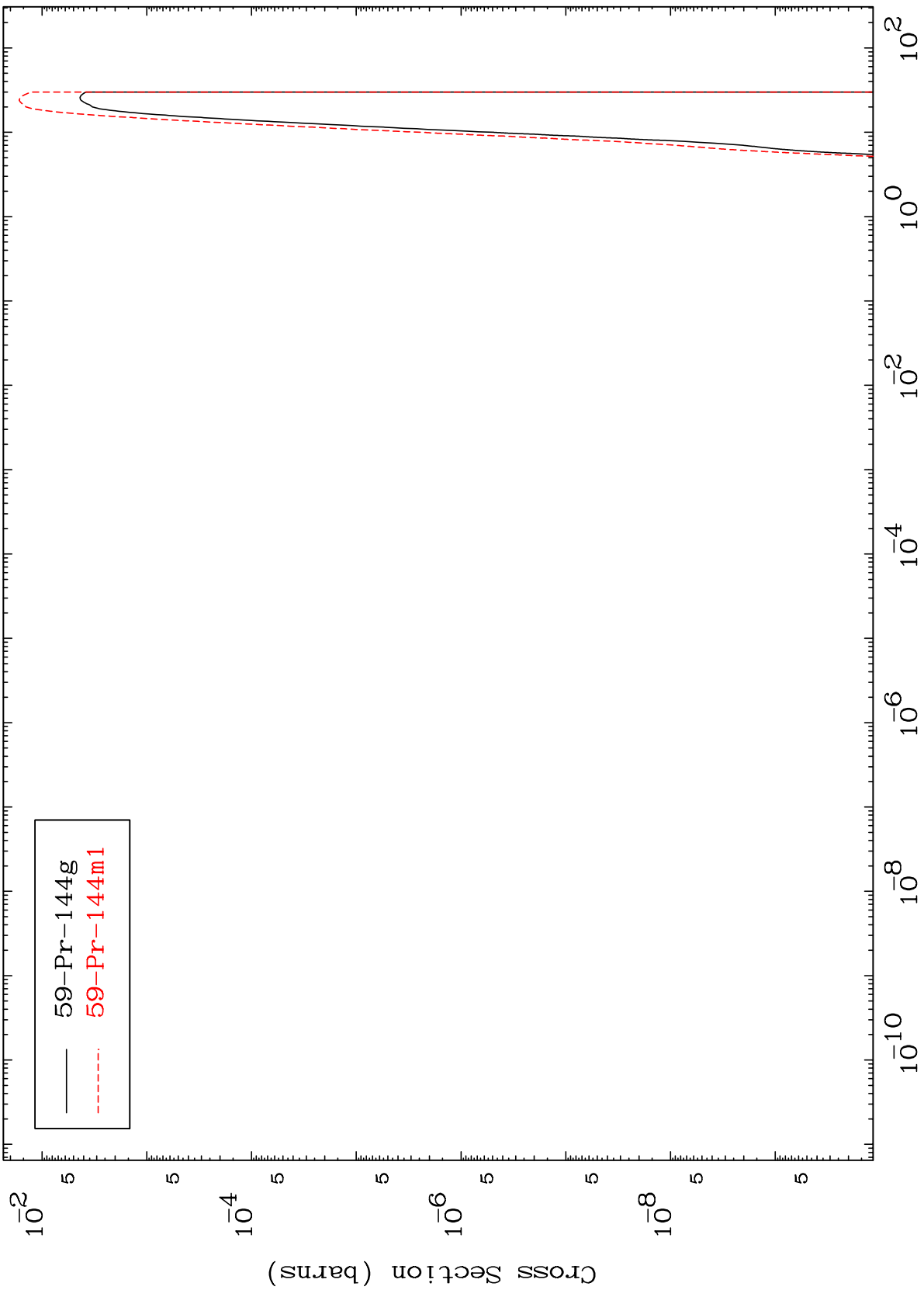
19

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$(n, n') \alpha$

61-Pm-148

Radionuclide Production Cross Section



MAT 6153

(n,3n) α

61-Pm-148

Radionuclide Production Cross Section

