

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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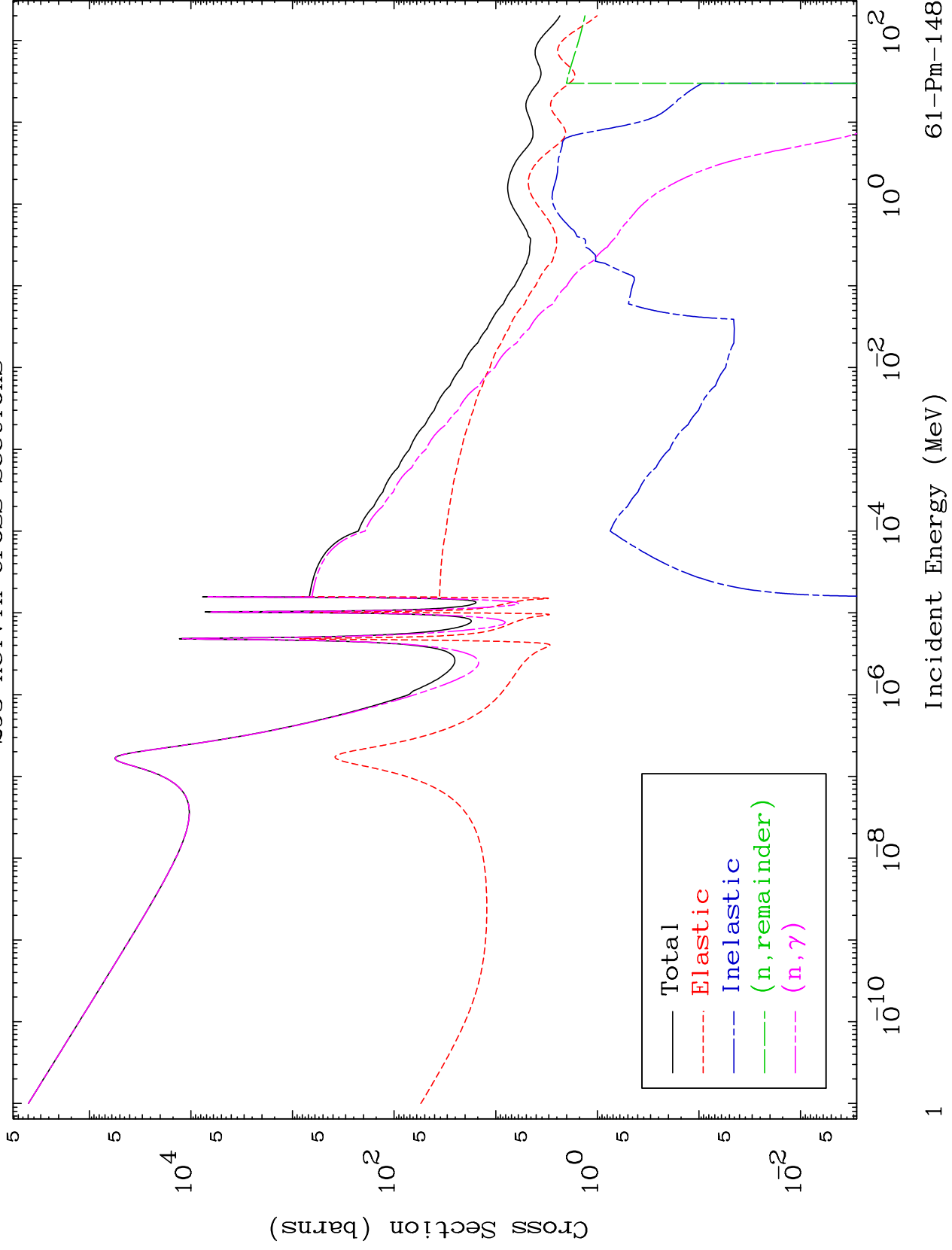
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6153

Major  
293 Kelvin Cross Sections

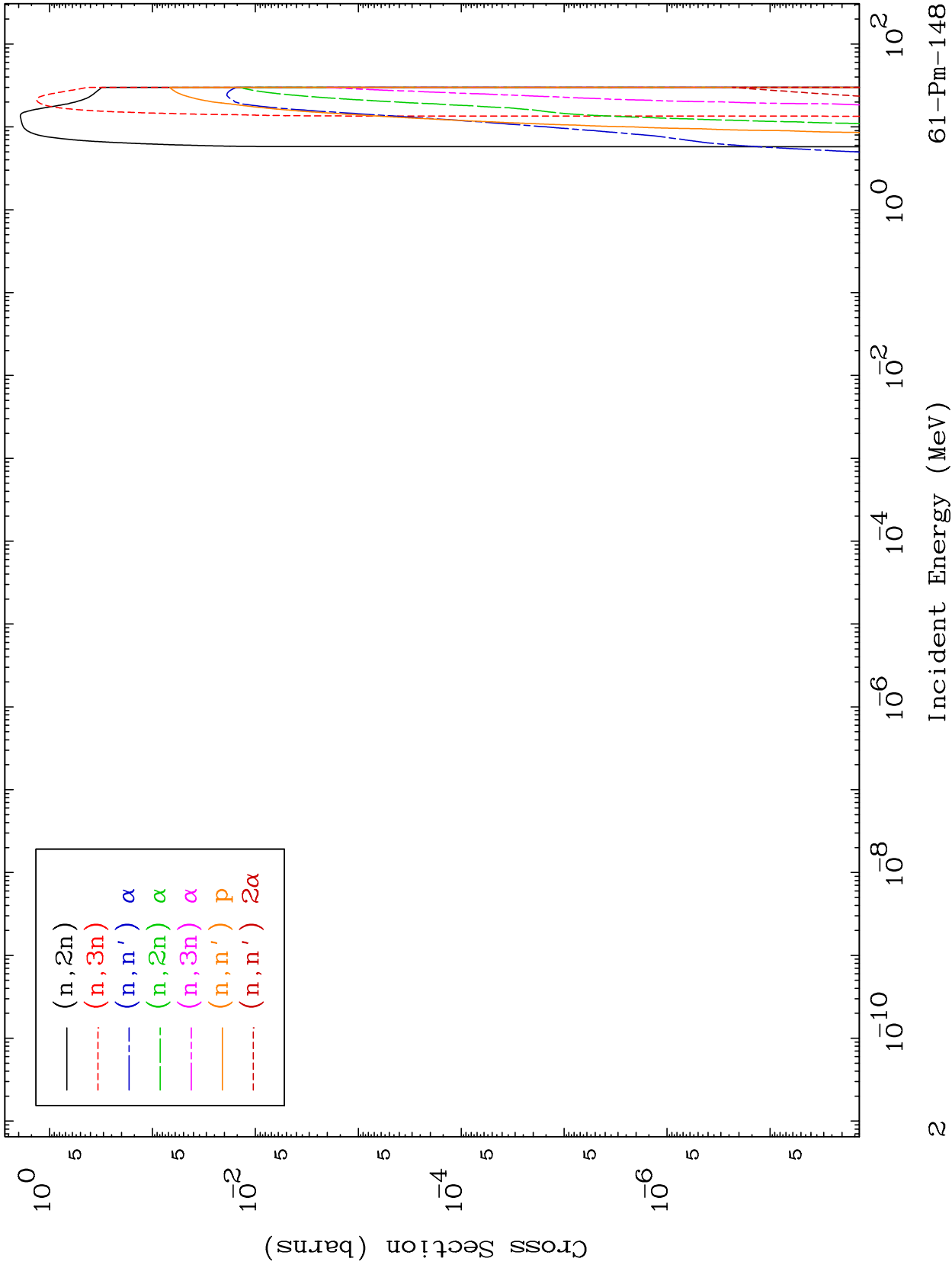
61-Pm-148

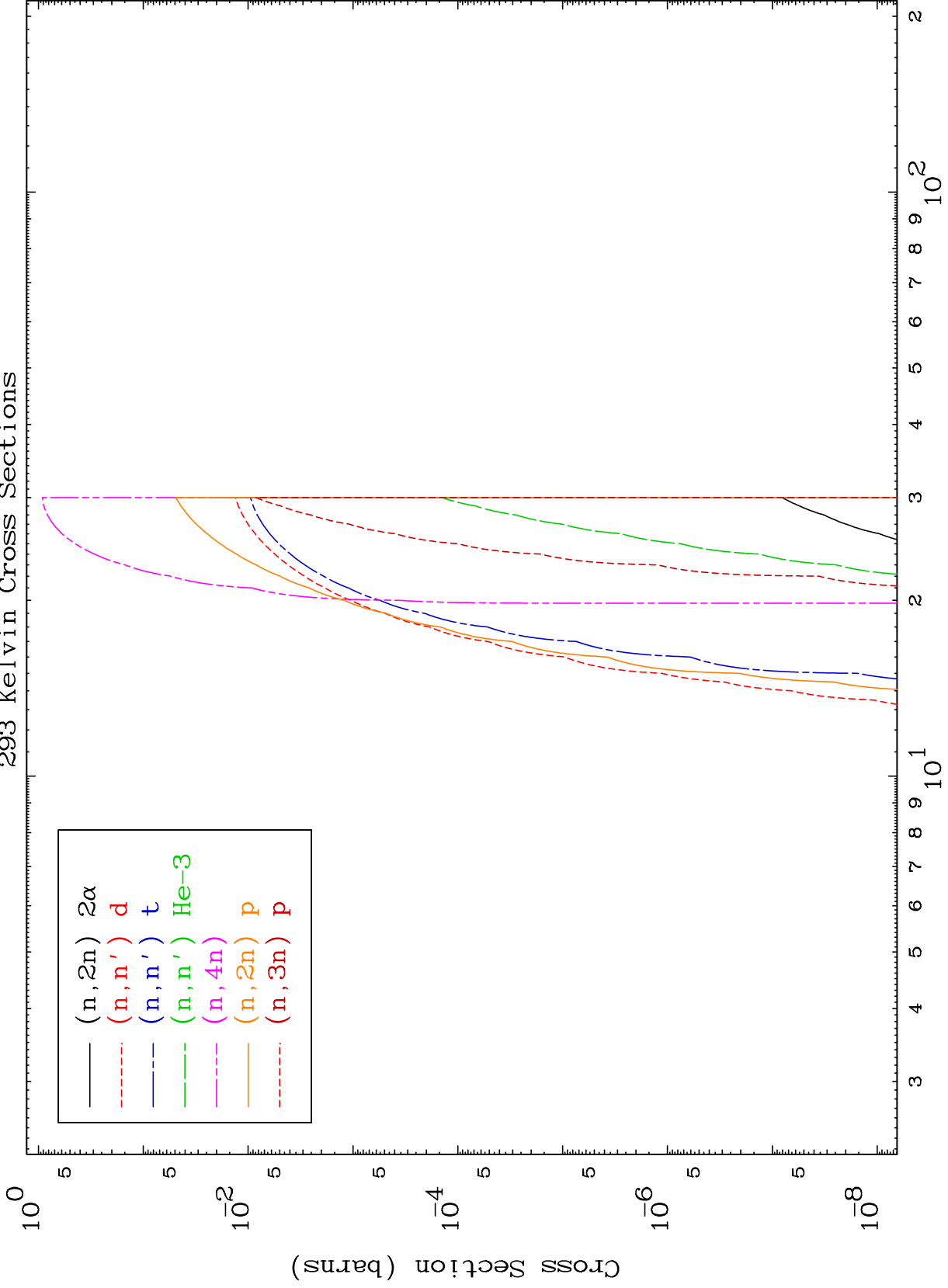


MAT 6153

Neutron Production  
293 Kelvin Cross Sections

61-Pm-148

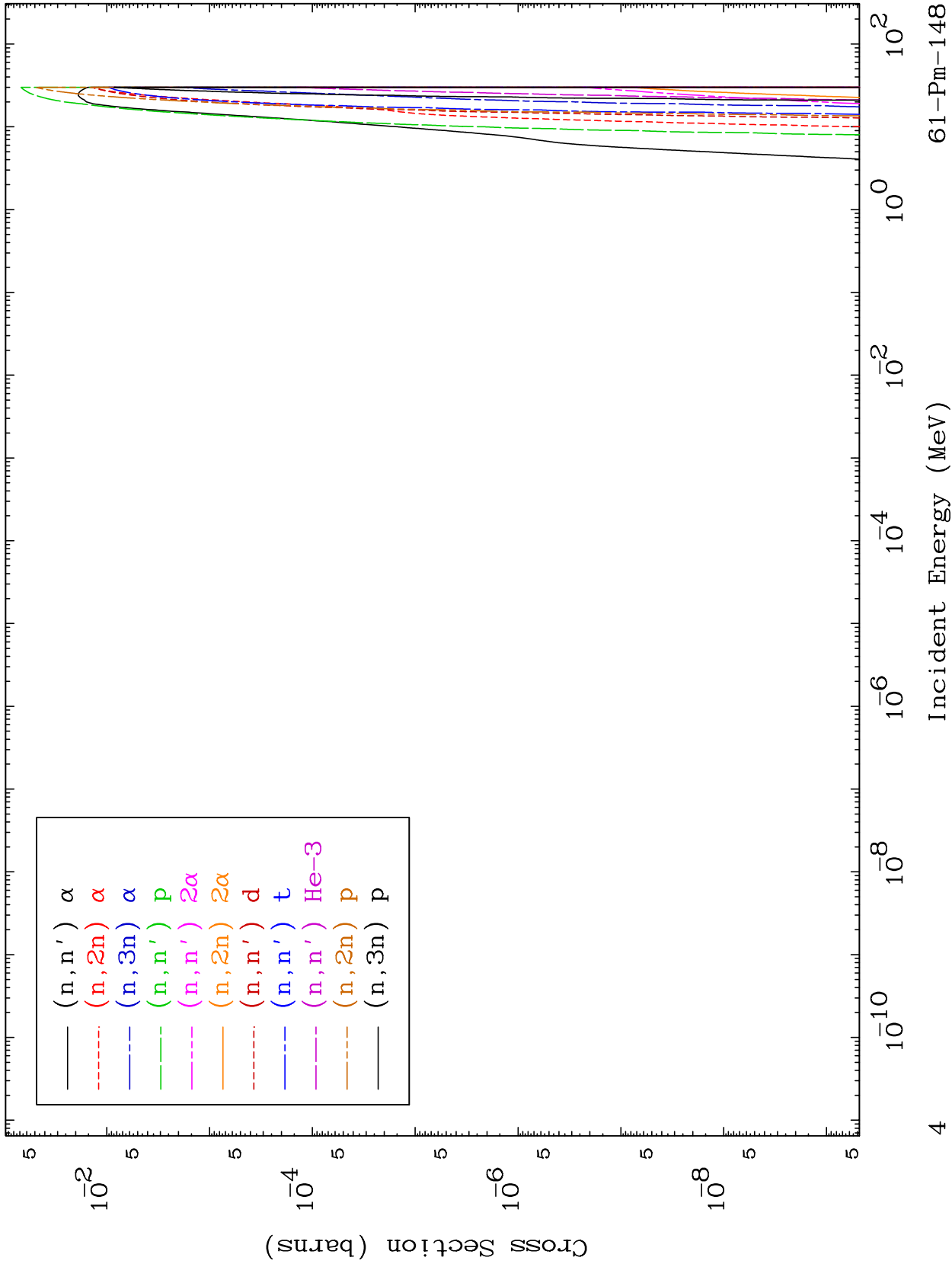




MAT 6153

Charged Particle  
293 Kelvin Cross Sections

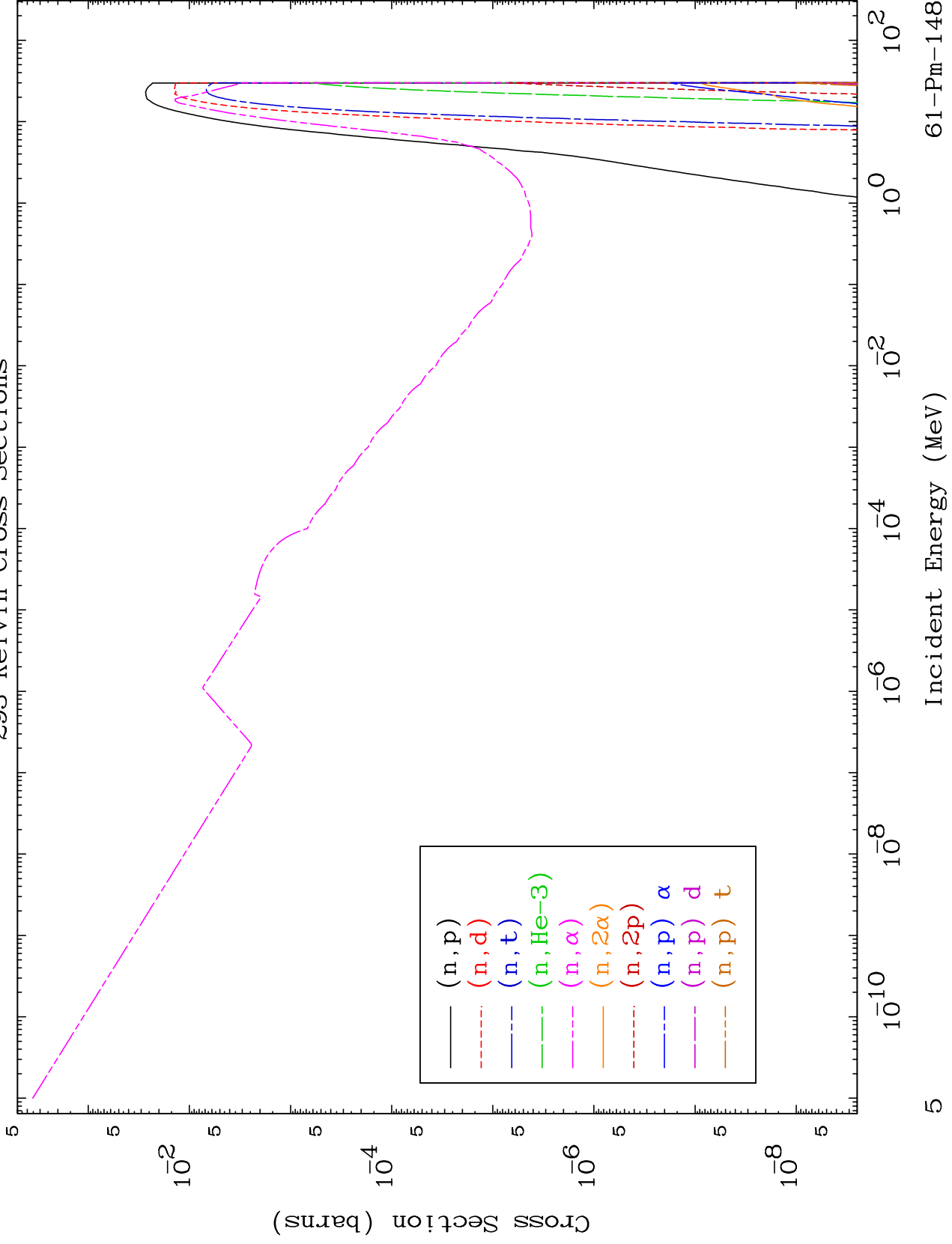
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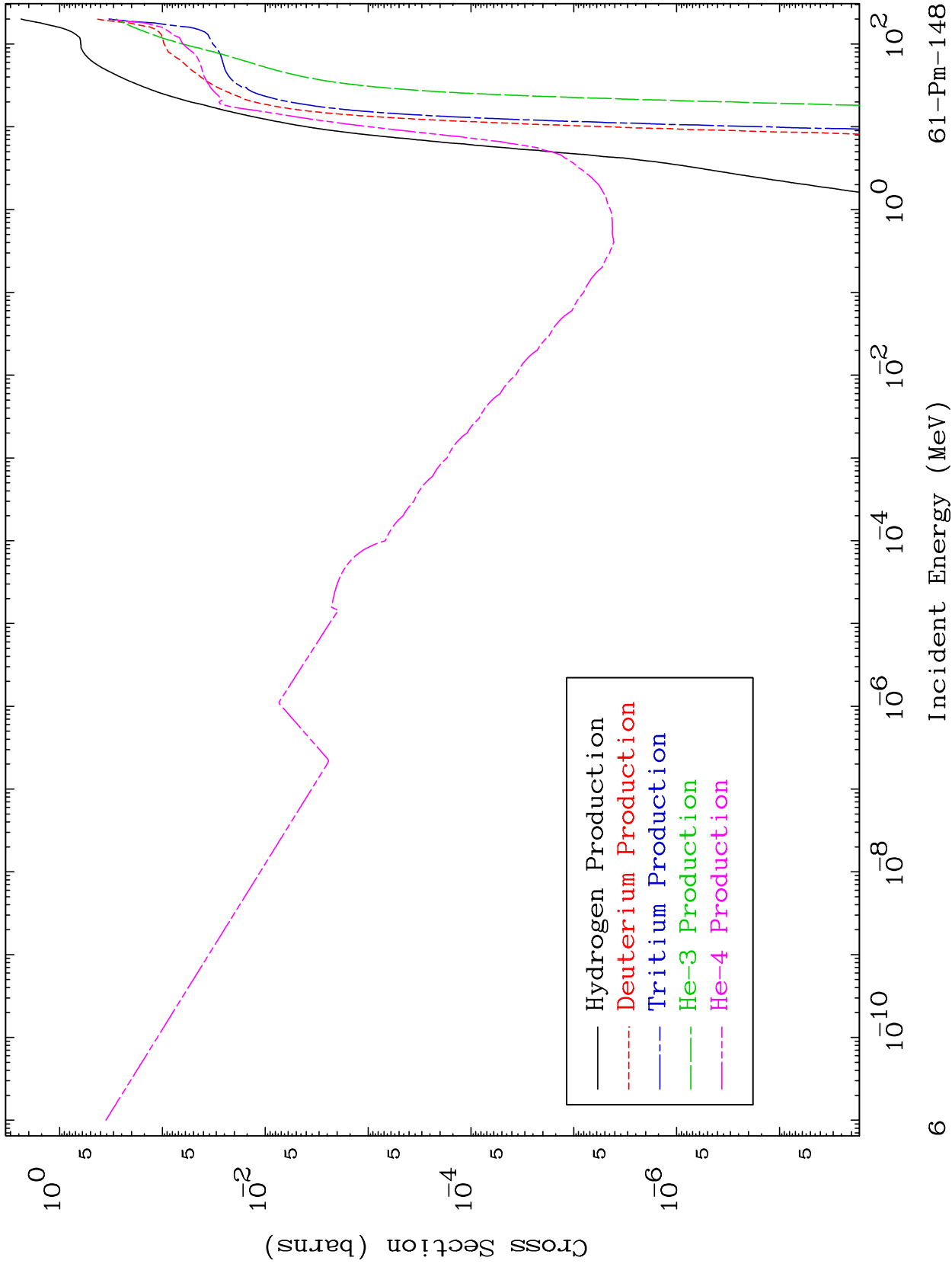


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Charged Particle  
293 Kelvin Cross Sections

61-Pm-148

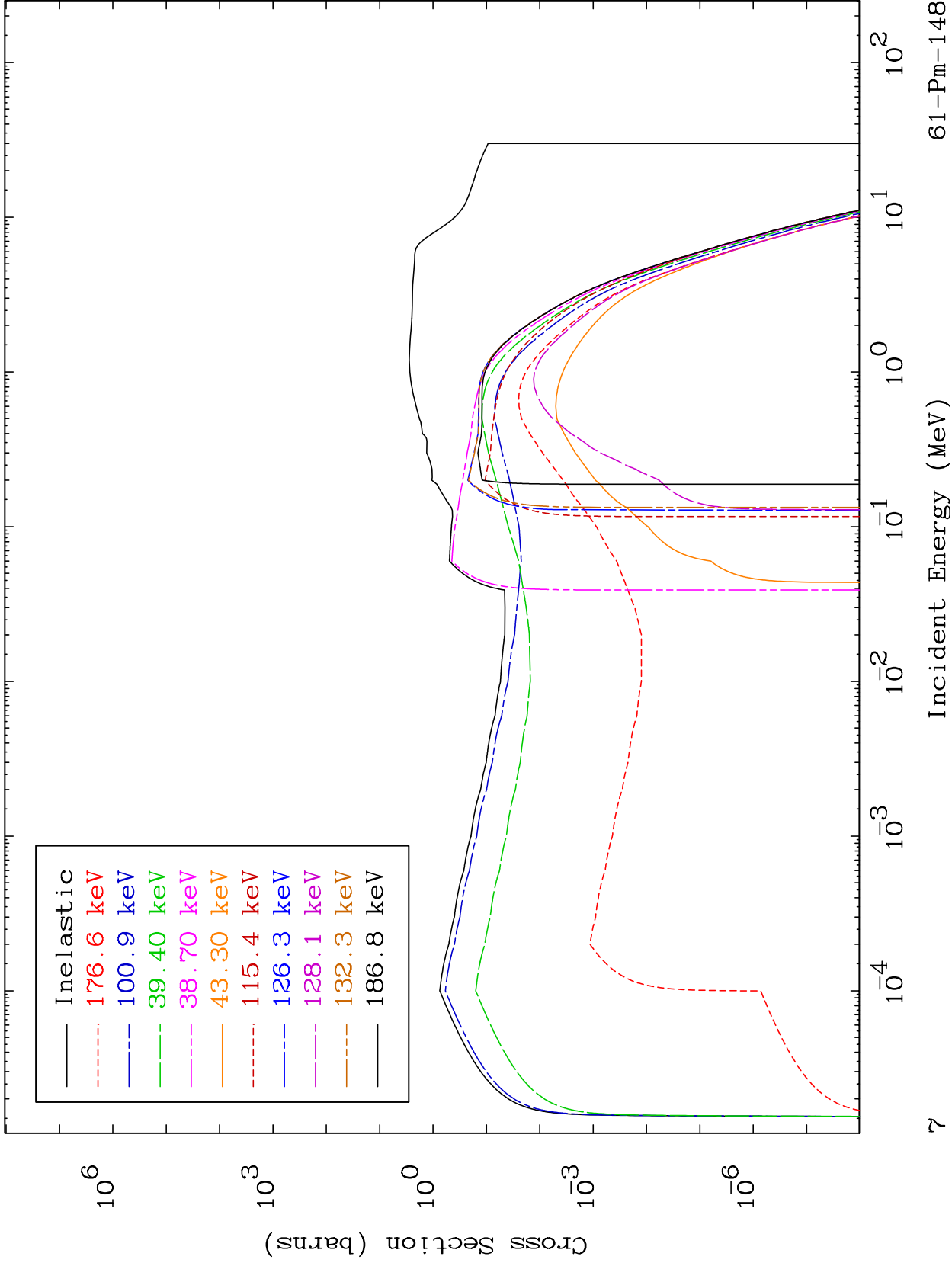




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(n,n') Level  
293 Kelvin Cross Sections

61-Pm-148

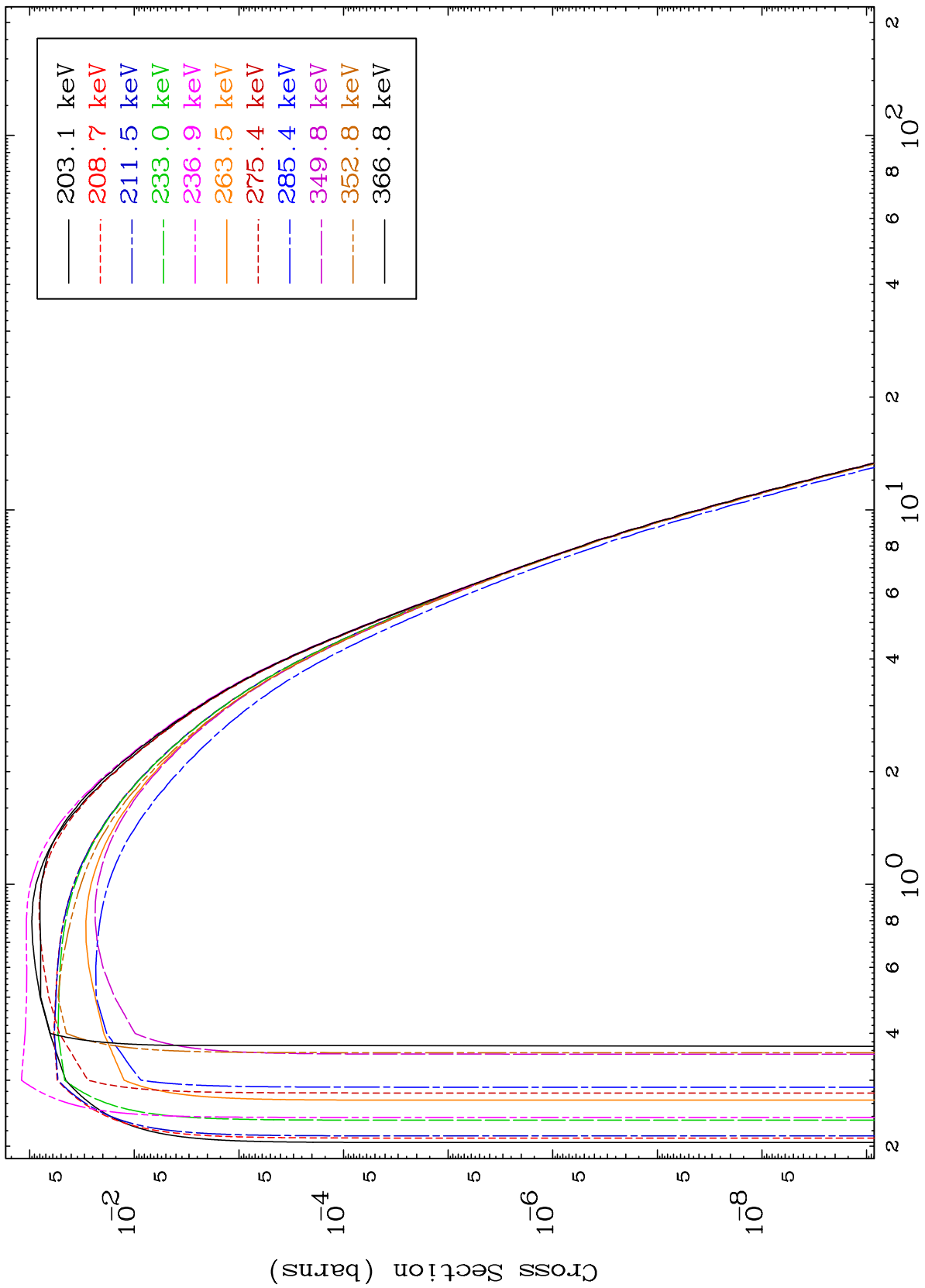




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(n,n') Level  
293 Kelvin Cross Sections

61-Pm-148



61-Pm-148

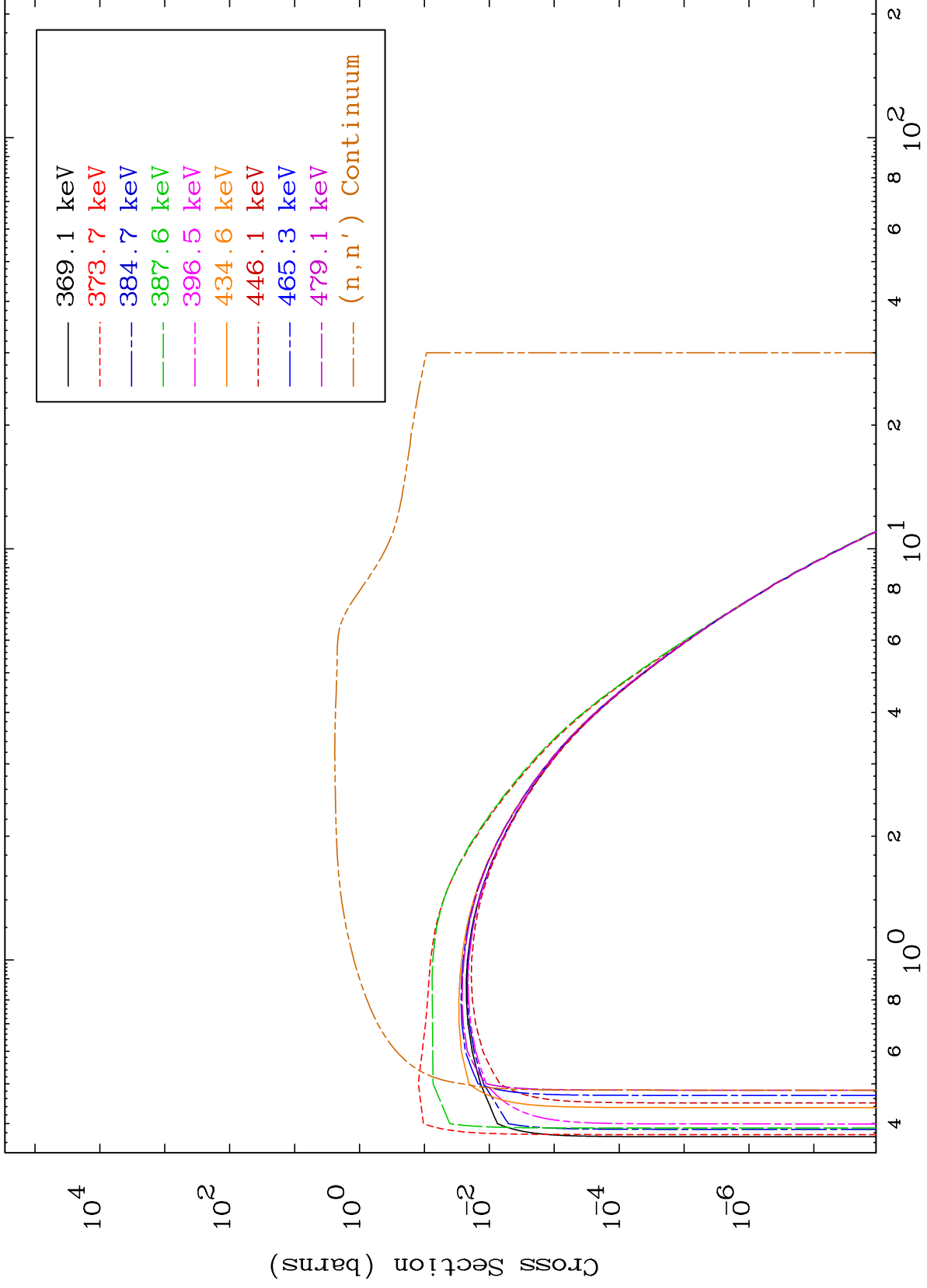
Incident Energy (MeV)

8

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(n,n') Level  
293 Kelvin Cross Sections

61-Pm-148



9

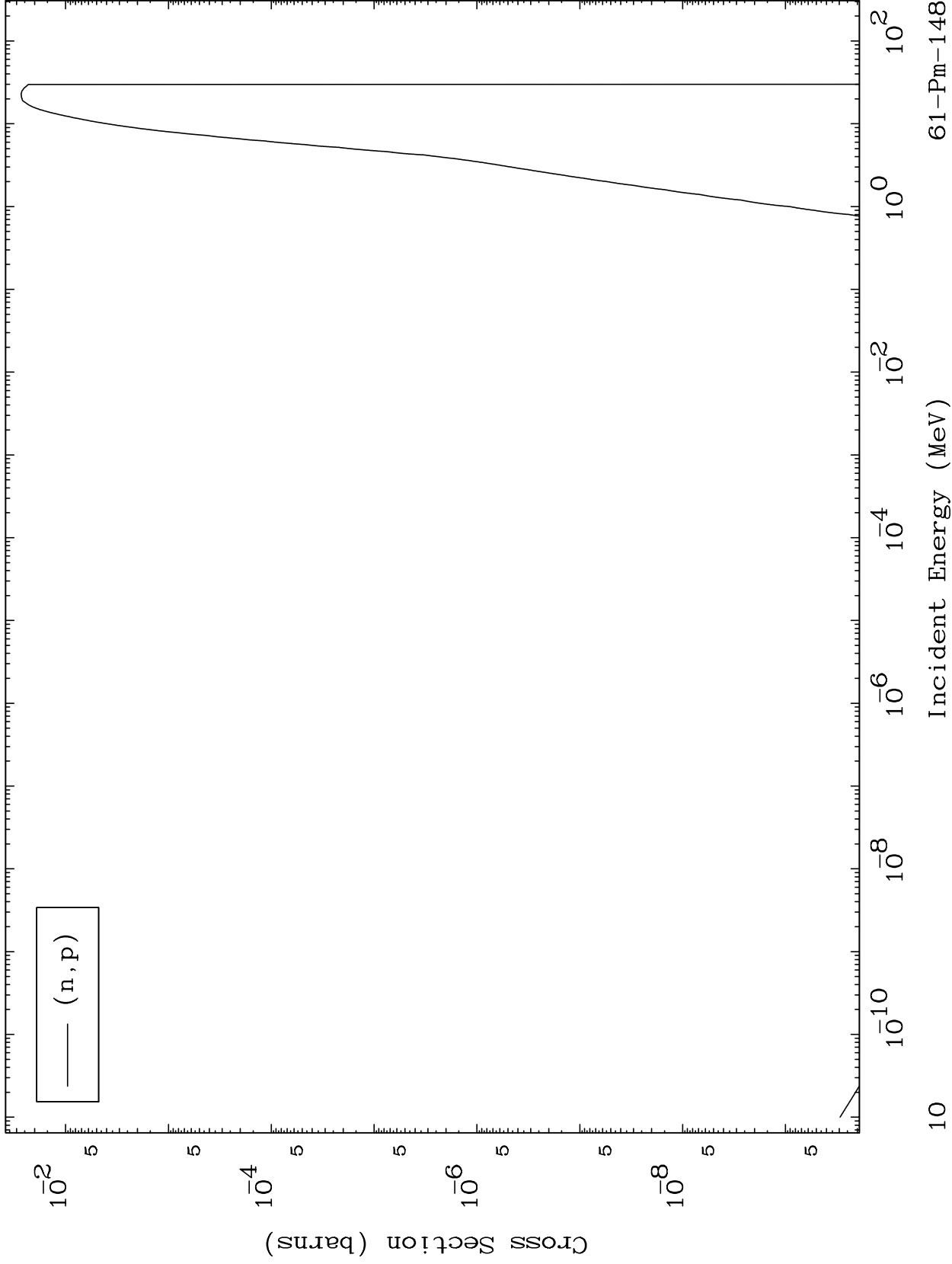
Incident Energy (MeV)

61-Pm-148

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(n,p) Levels  
293 Kelvin Cross Sections

61-Pm-148



10

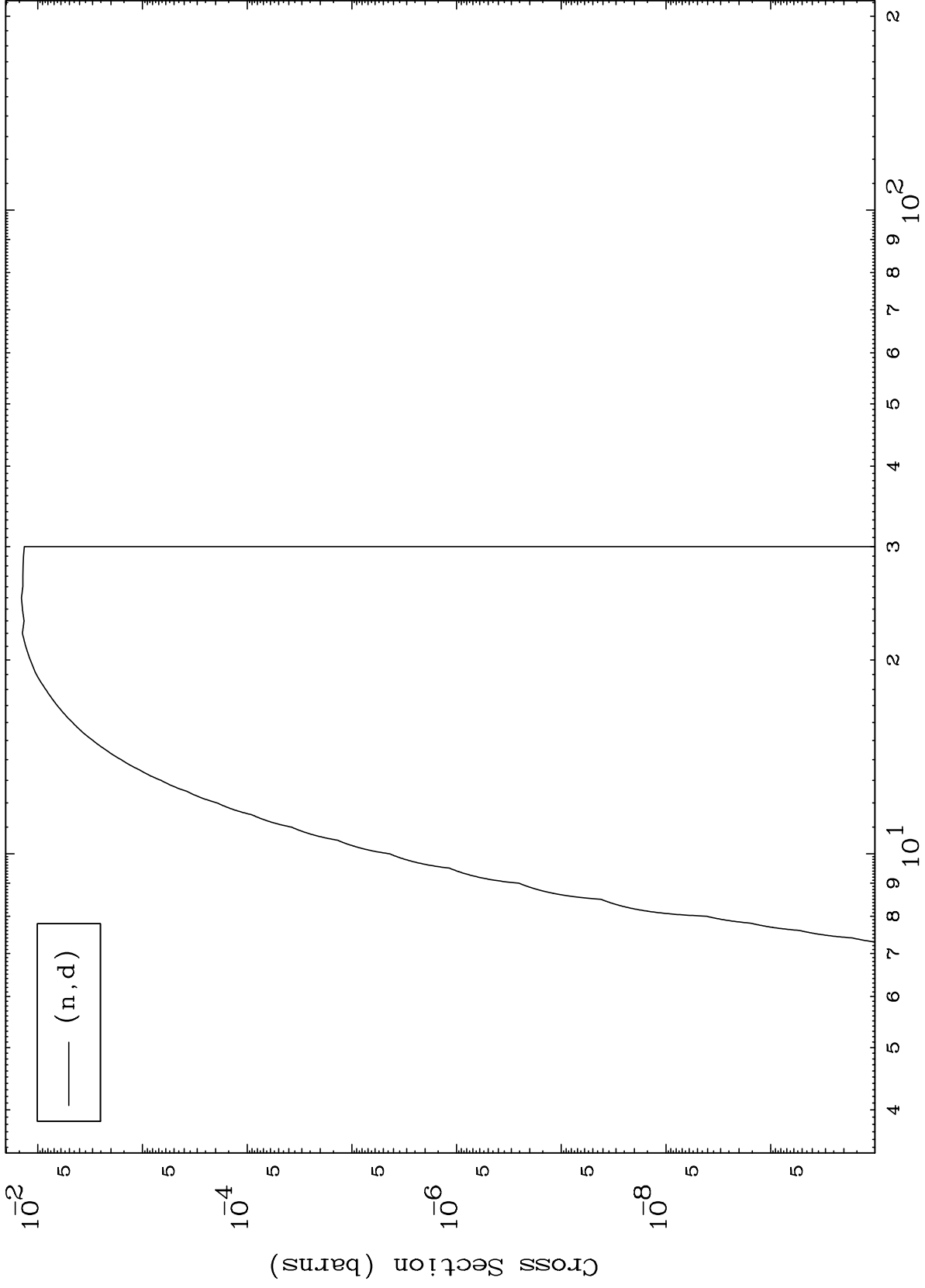
Incident Energy (MeV)

61-Pm-148

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(n,d) Levels  
293 Kelvin Cross Sections

61-Pm-148



11

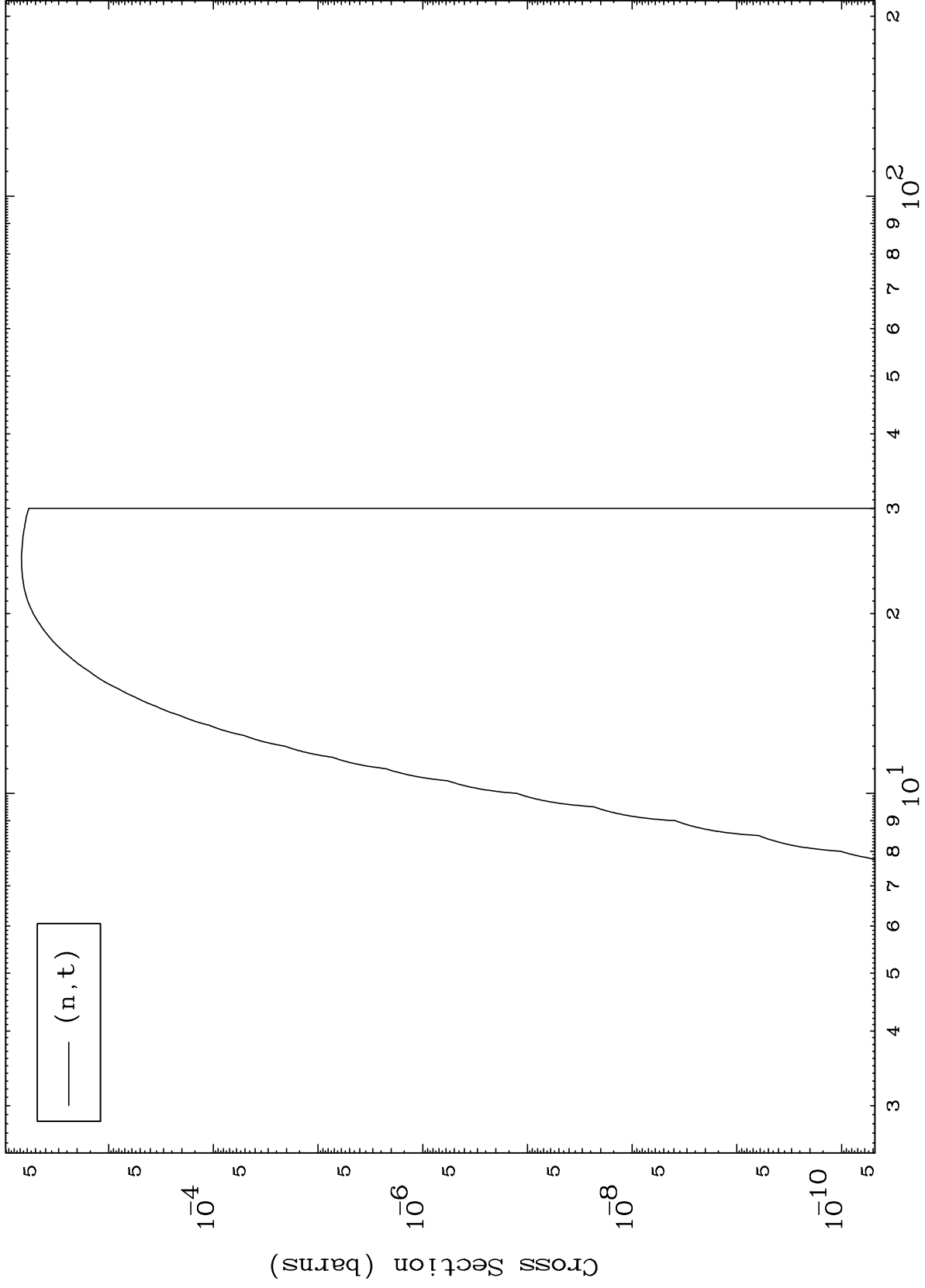
Incident Energy (MeV)

61-Pm-148

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(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-148



12

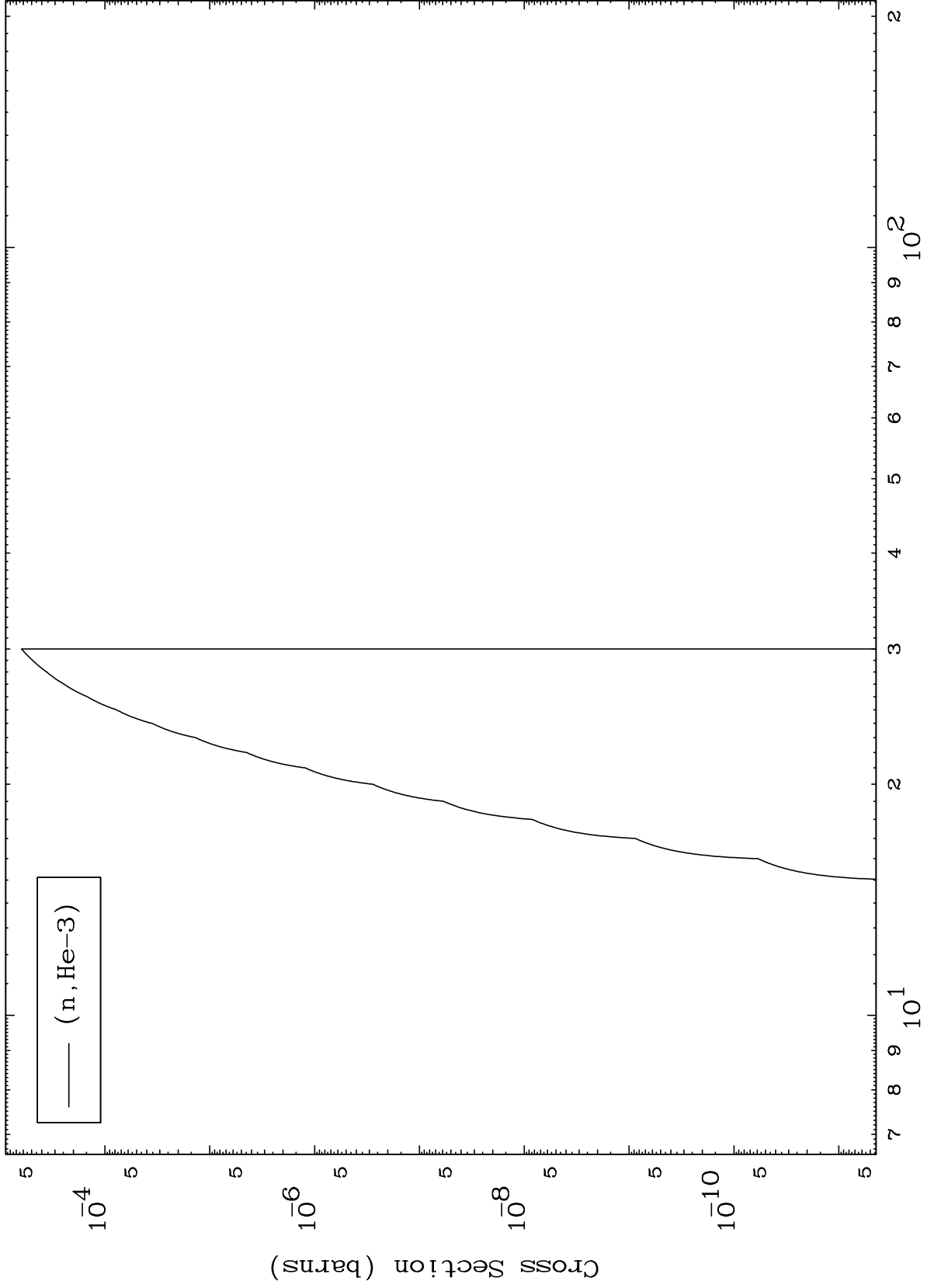
Incident Energy (MeV)

61-Pm-148

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(n,He3) Levels  
293 Kelvin Cross Sections

61-Pm-148



13

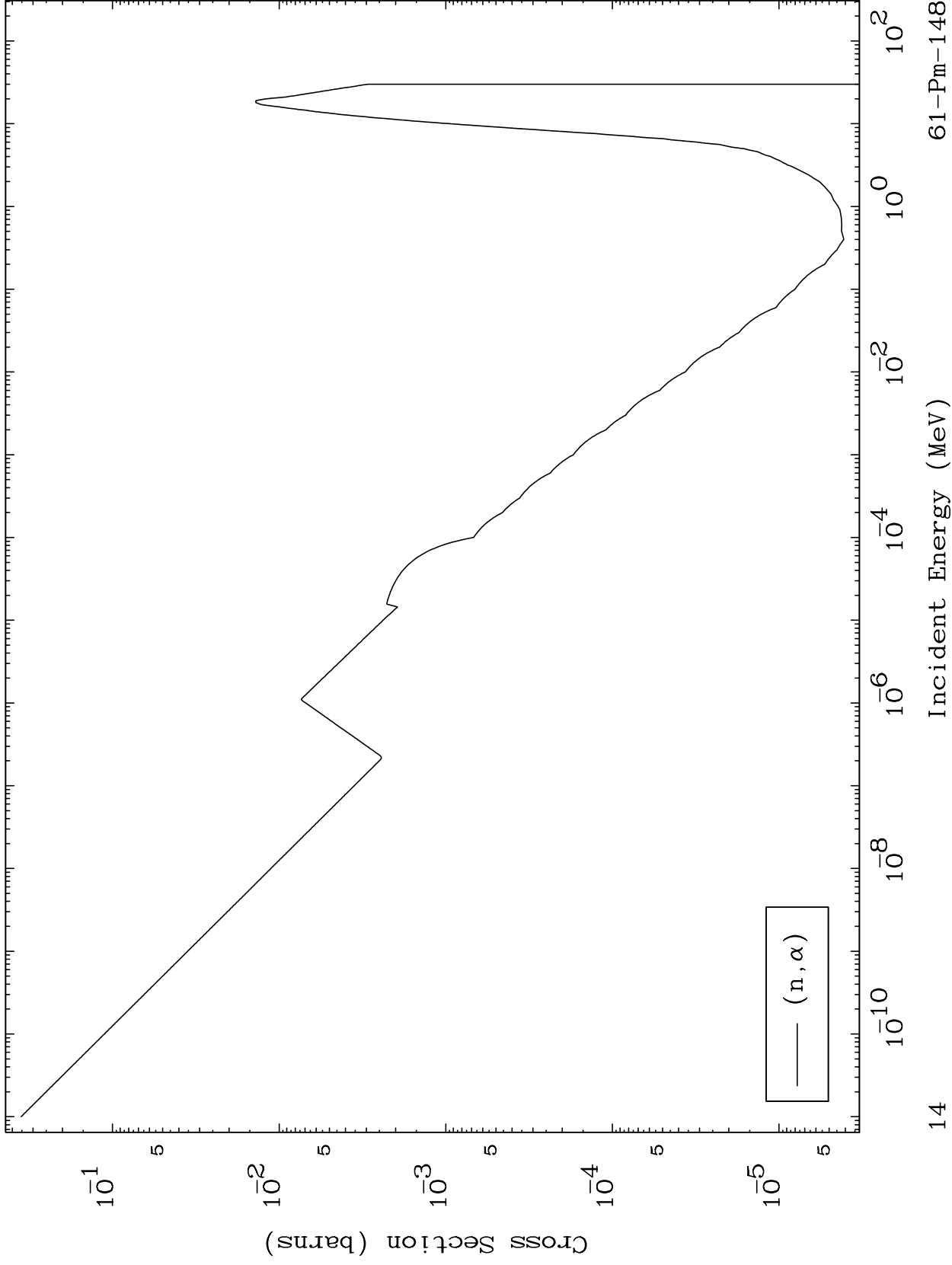
Incident Energy (MeV)

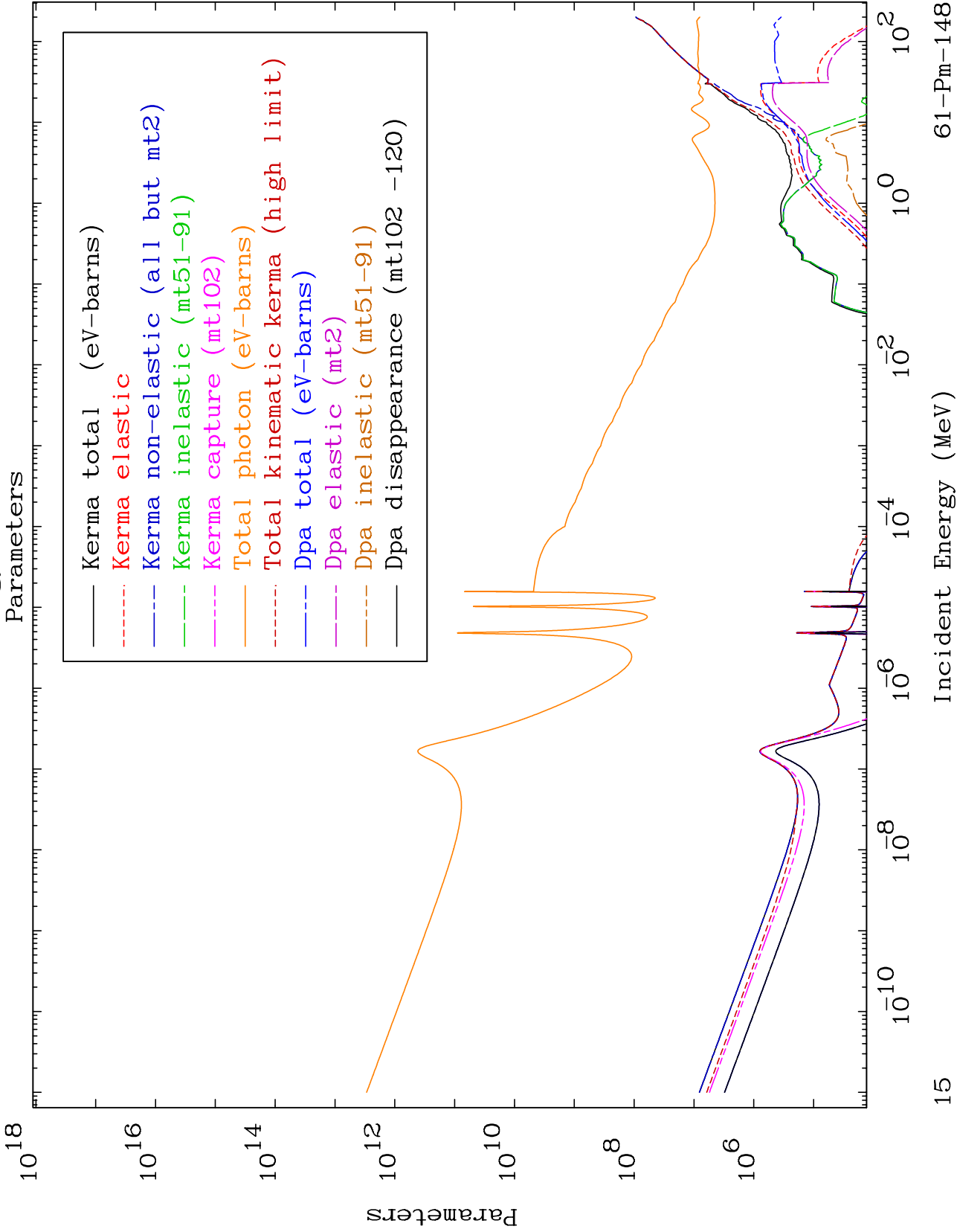
61-Pm-148

MAT 6153

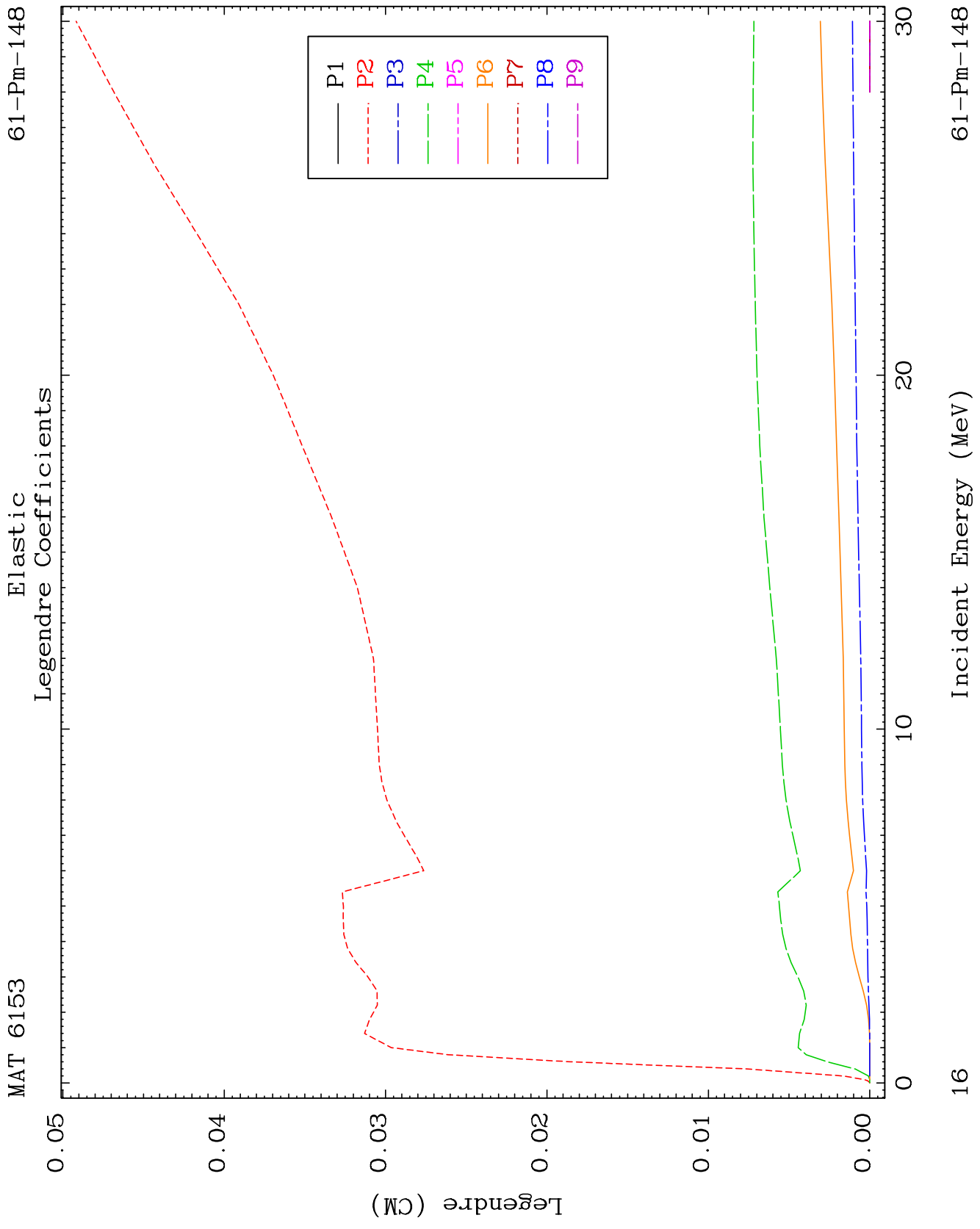
(n,α) Levels  
293 Kelvin Cross Sections

61-Pm-148





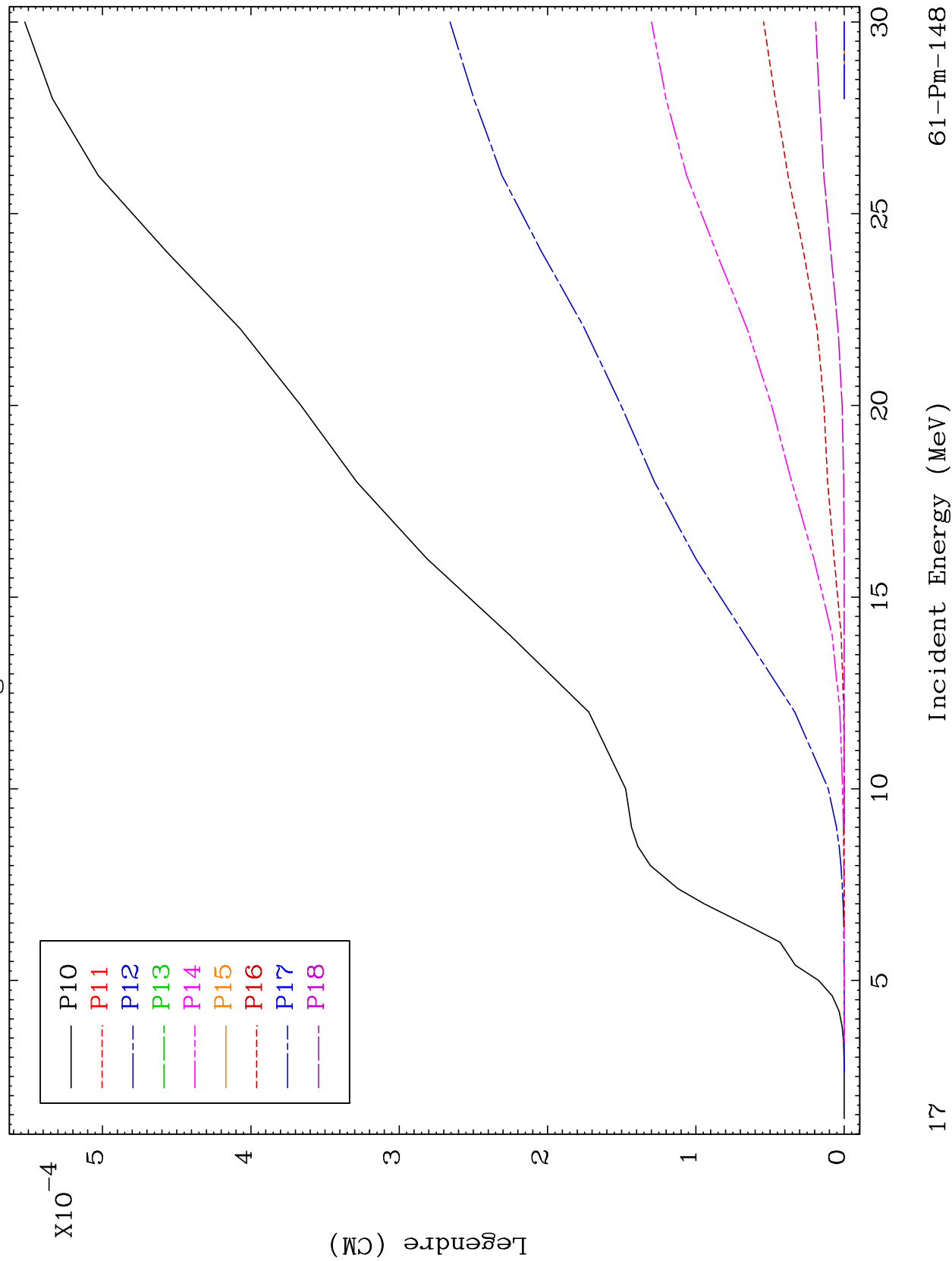




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Elastic Legendre Coefficients

61-Pm-148

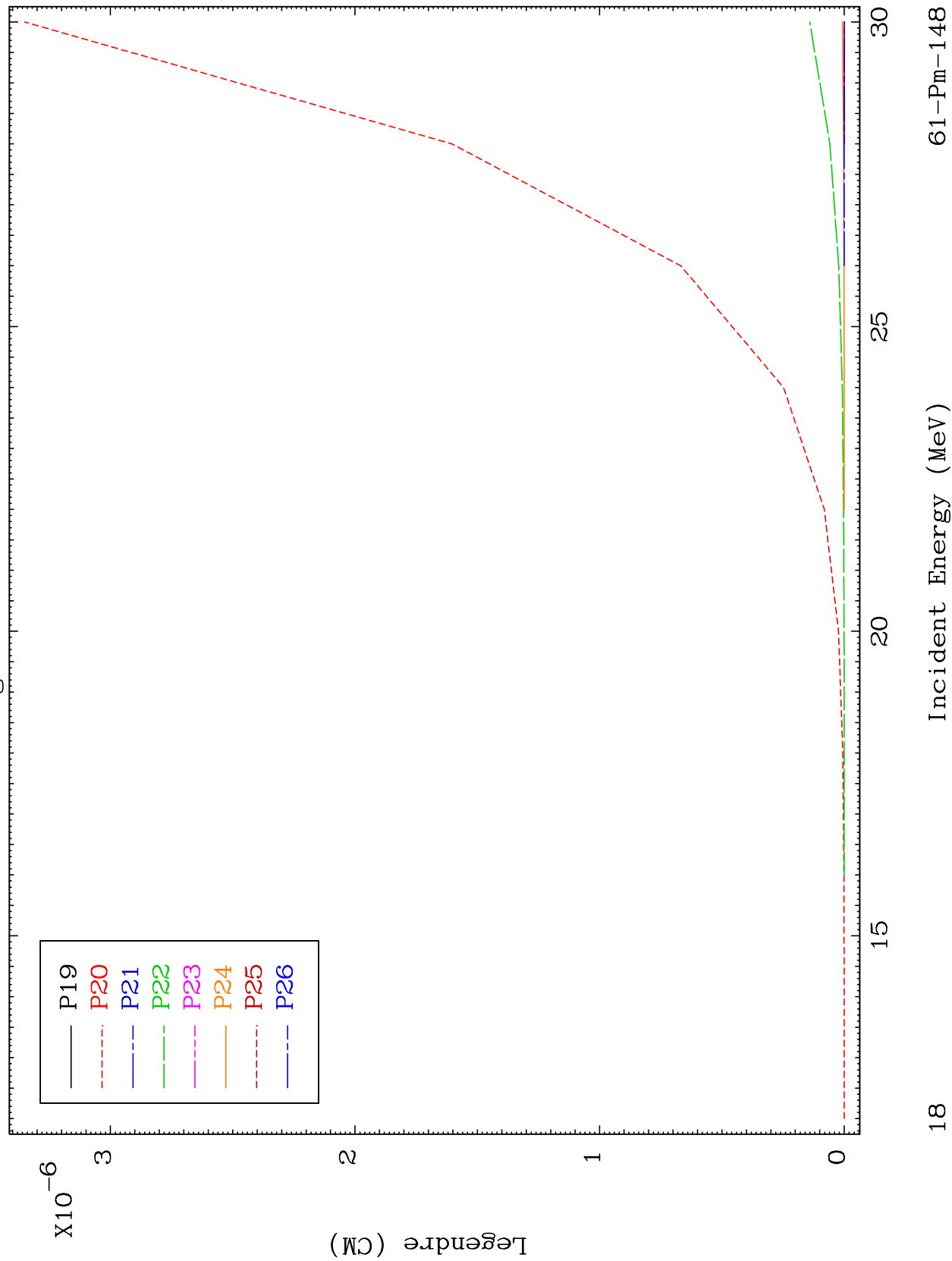


- P10
- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18

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### Elastic Legendre Coefficients

61-Pm-148



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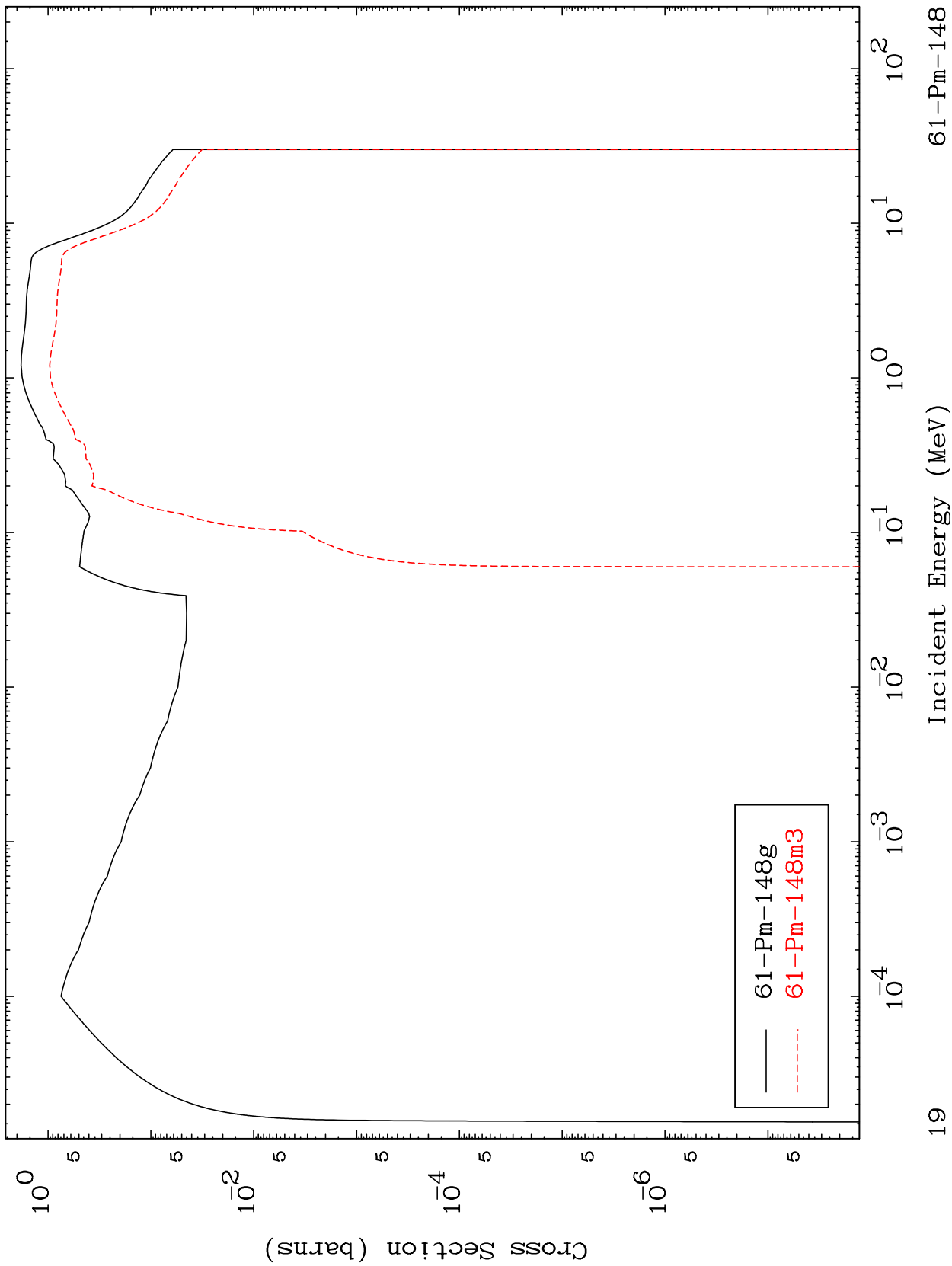
Incident Energy (MeV)

61-Pm-148

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61-Pm-148

Inelastic  
Radionuclide Production Cross Section

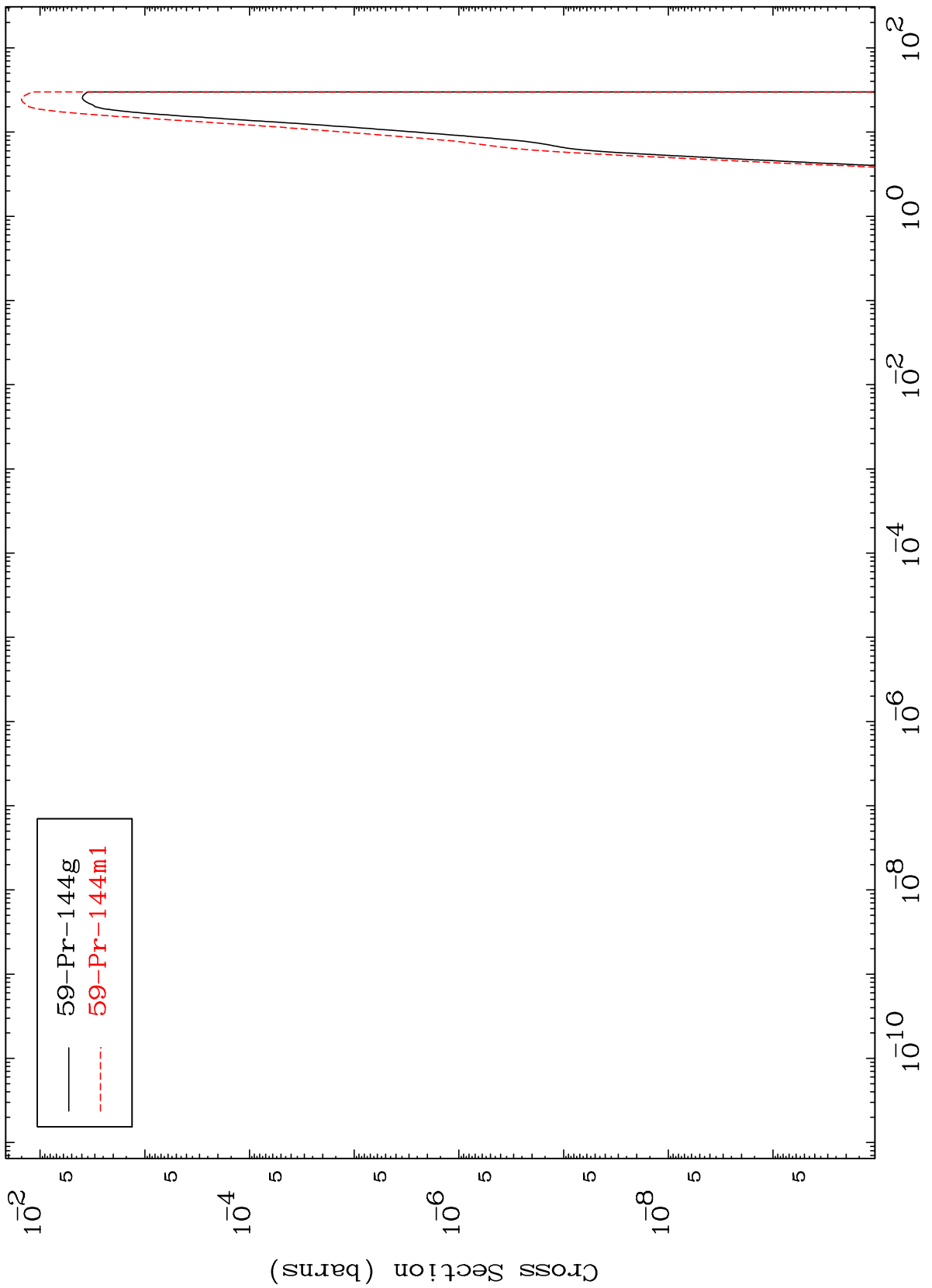


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$(n, n') \alpha$

61-Pm-148

Radionuclide Production Cross Section

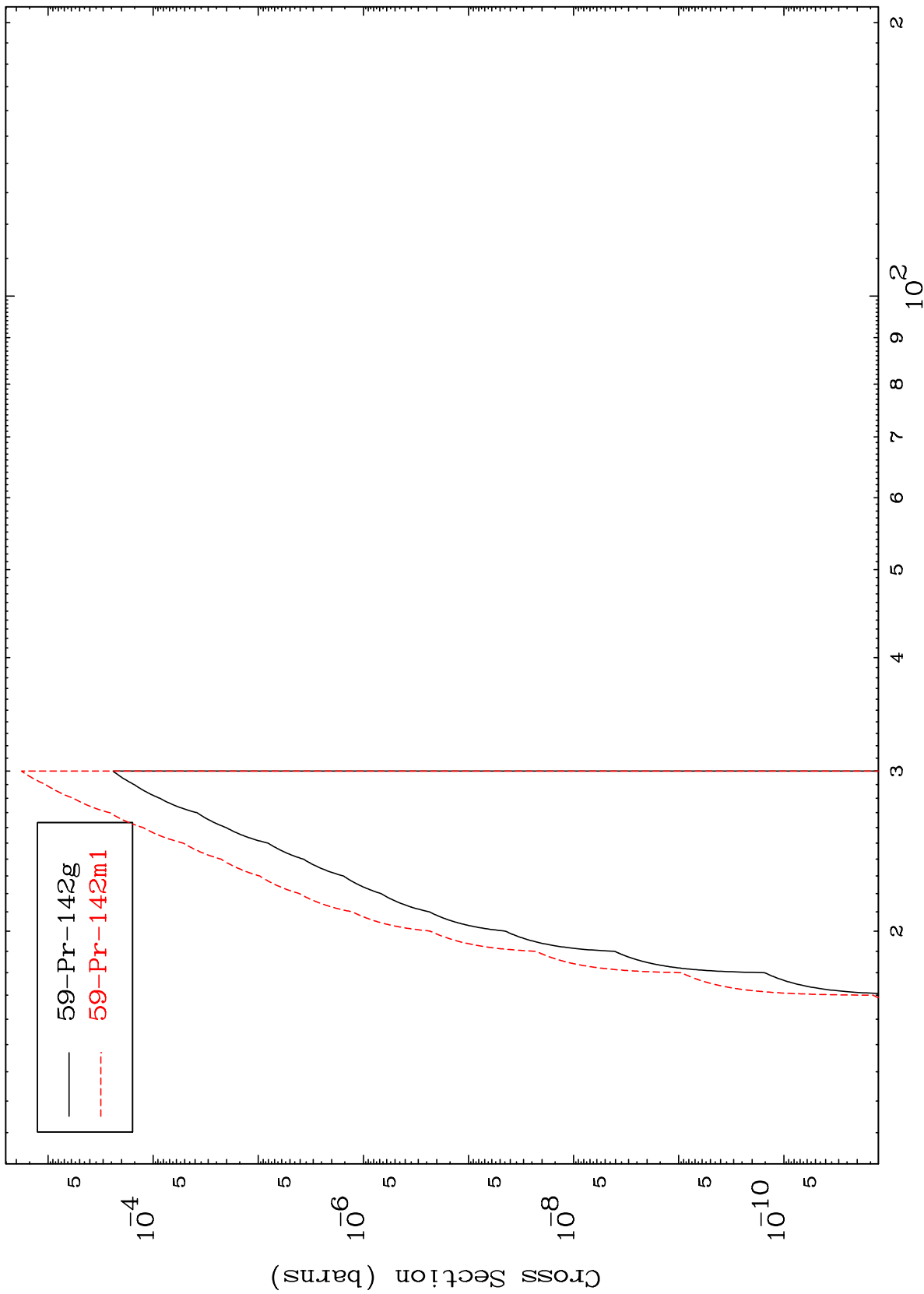


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(n,3n)  $\alpha$

61-Pm-148

Radionuclide Production Cross Section



Incident Energy (MeV)

61-Pm-148

21