

Program EVALPLOT  
(Version 2021-1)

by

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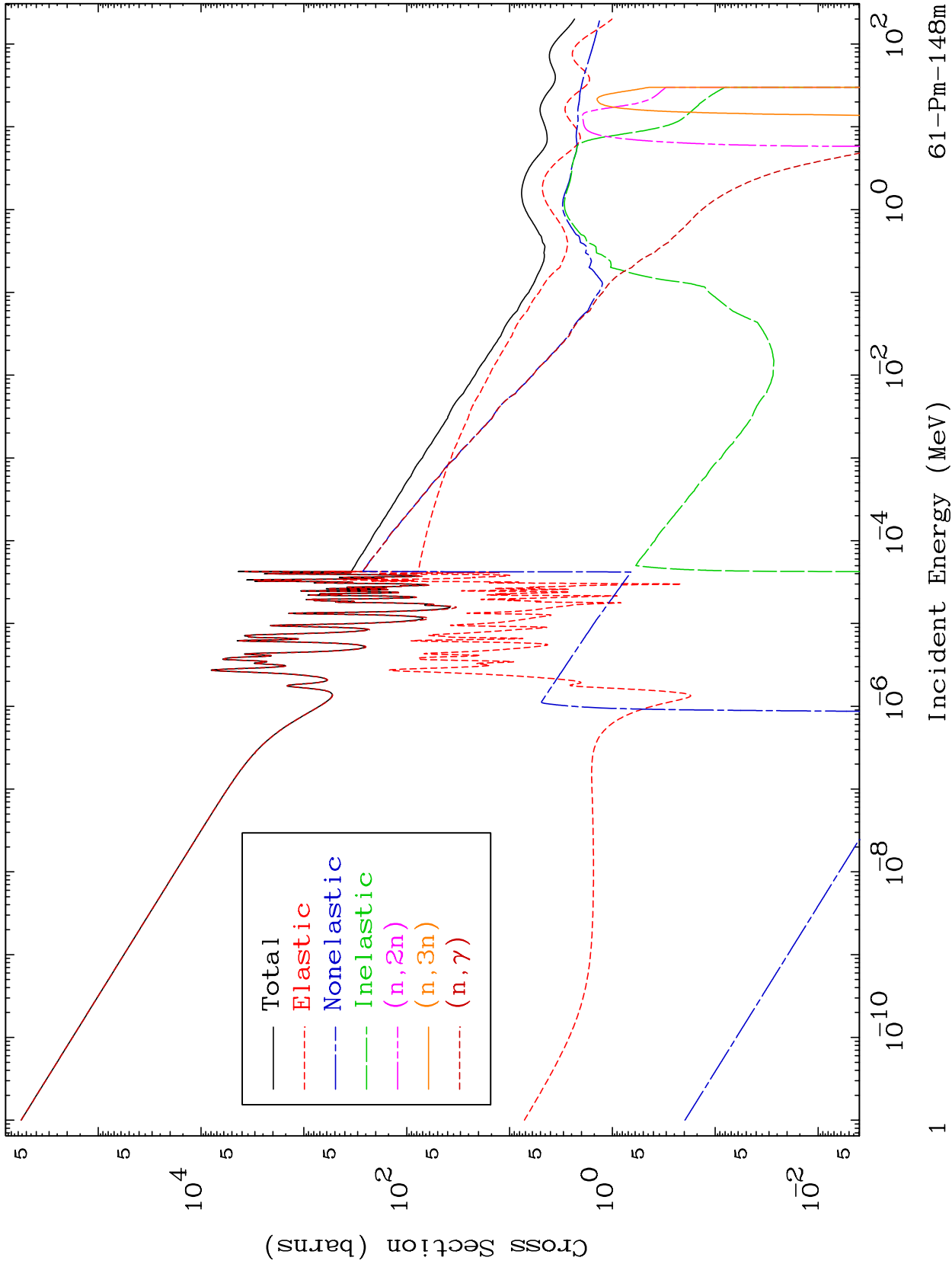
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6153

Neutron Major  
293 Kelvin Cross Sections

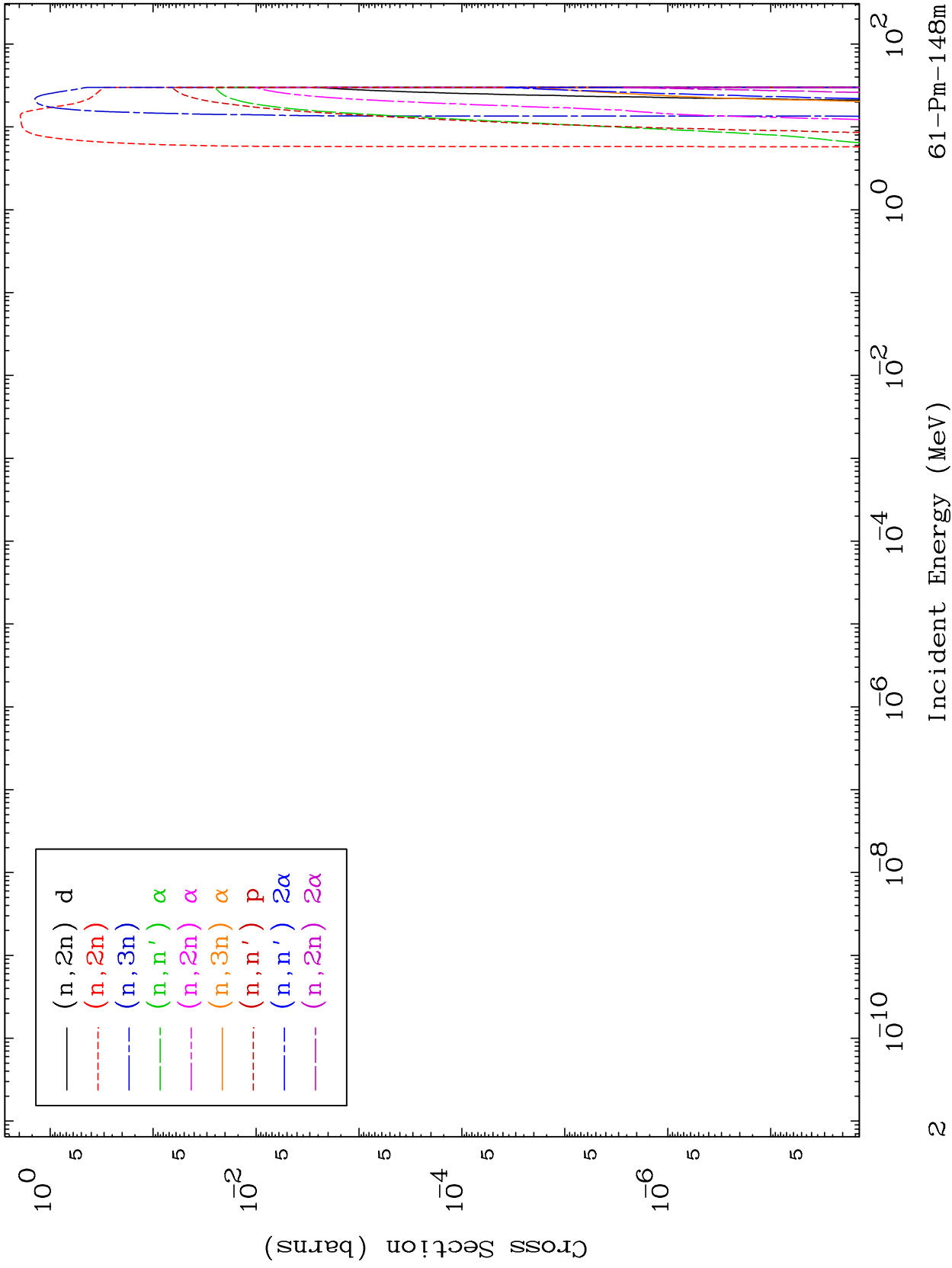
61-Pm-148m



MAT 6153

Neutron Absorption  
293 Kelvin Cross Sections

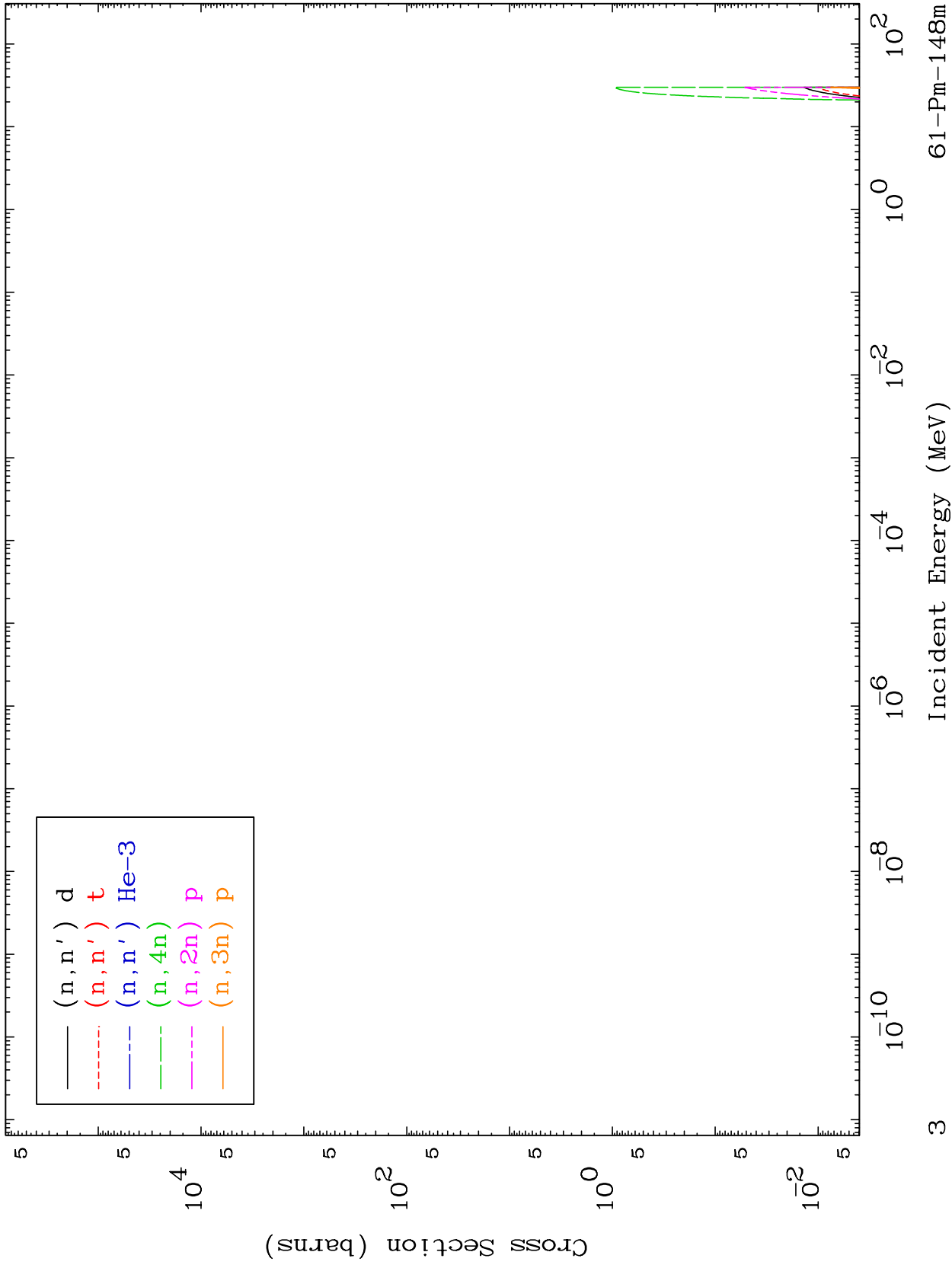
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MAT 6153

Neutron Absorption  
293 Kelvin Cross Sections

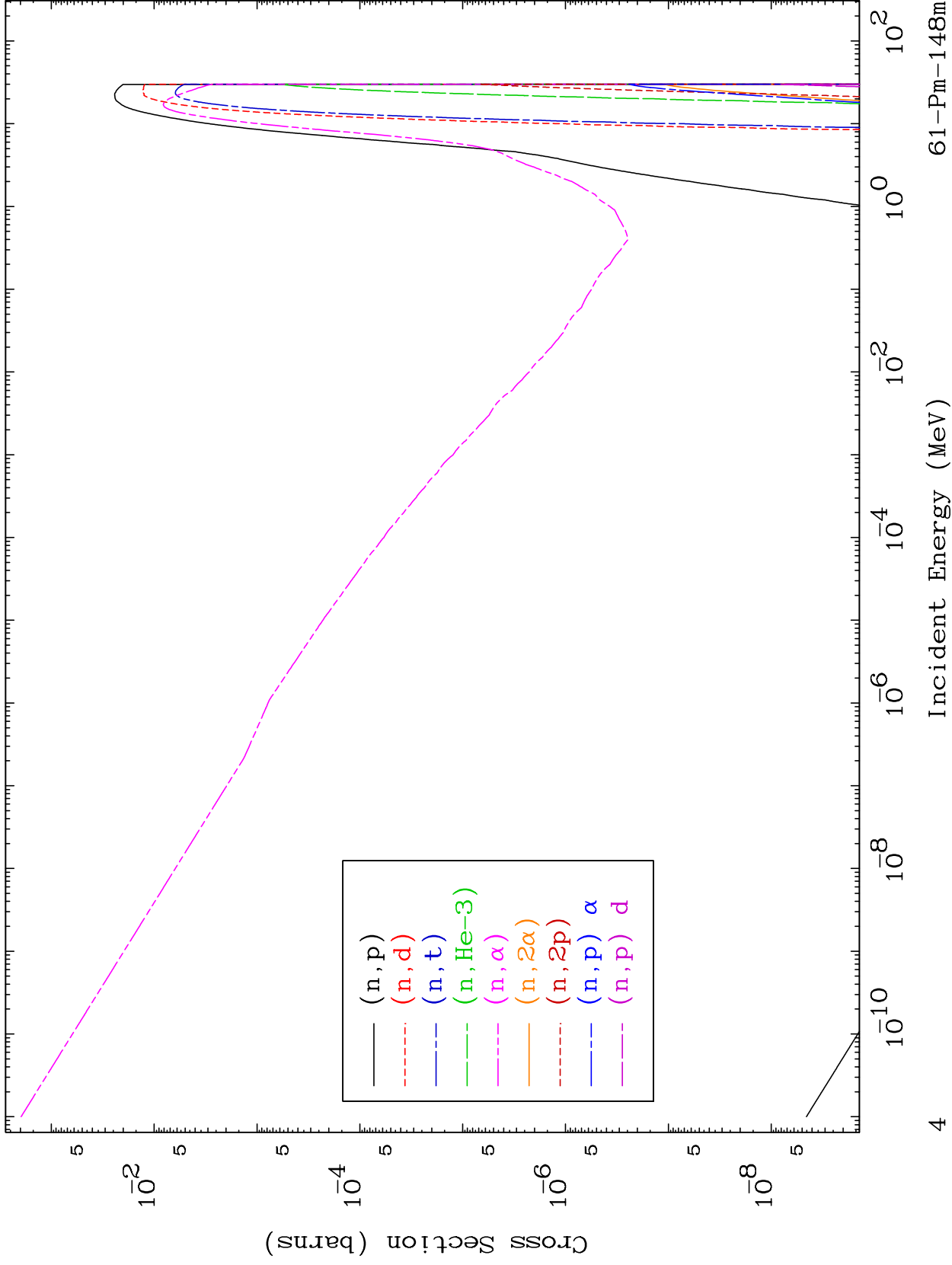
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MAT 6153

Neutron Absorption  
293 Kelvin Cross Sections

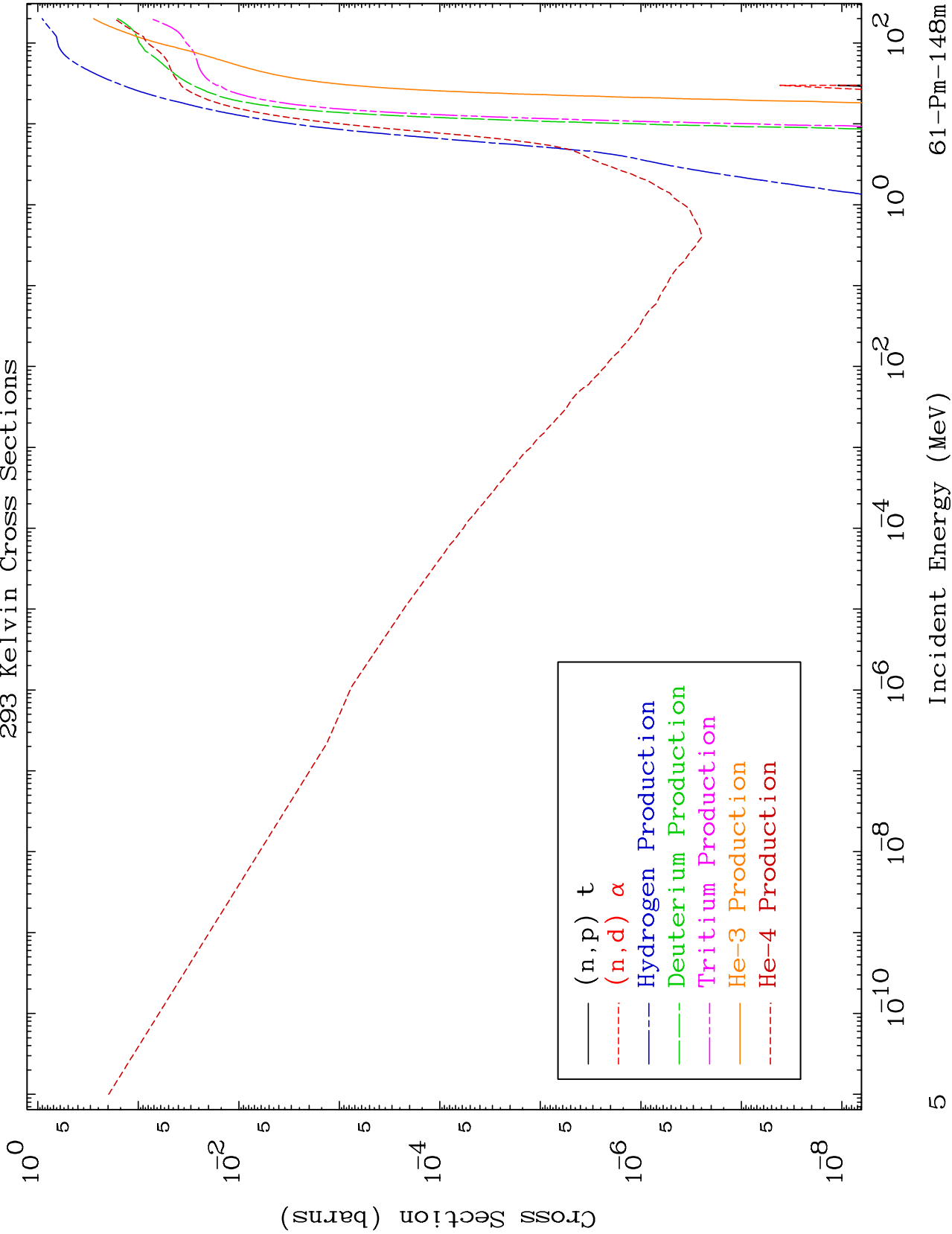
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MAT 6153

Neutron Absorption  
293 Kelvin Cross Sections

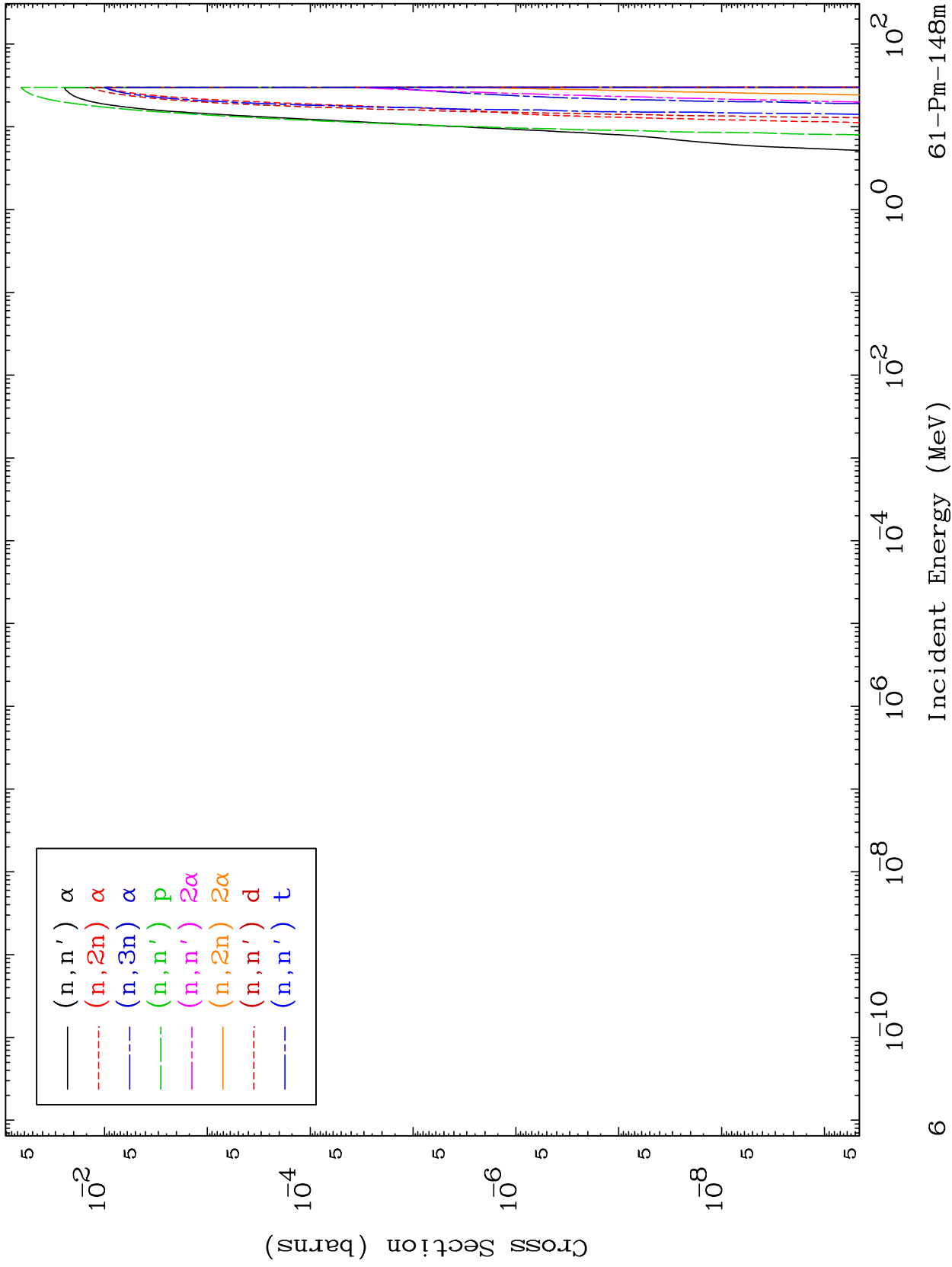
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MAT 6153

Charged Particle  
293 Kelvin Cross Sections

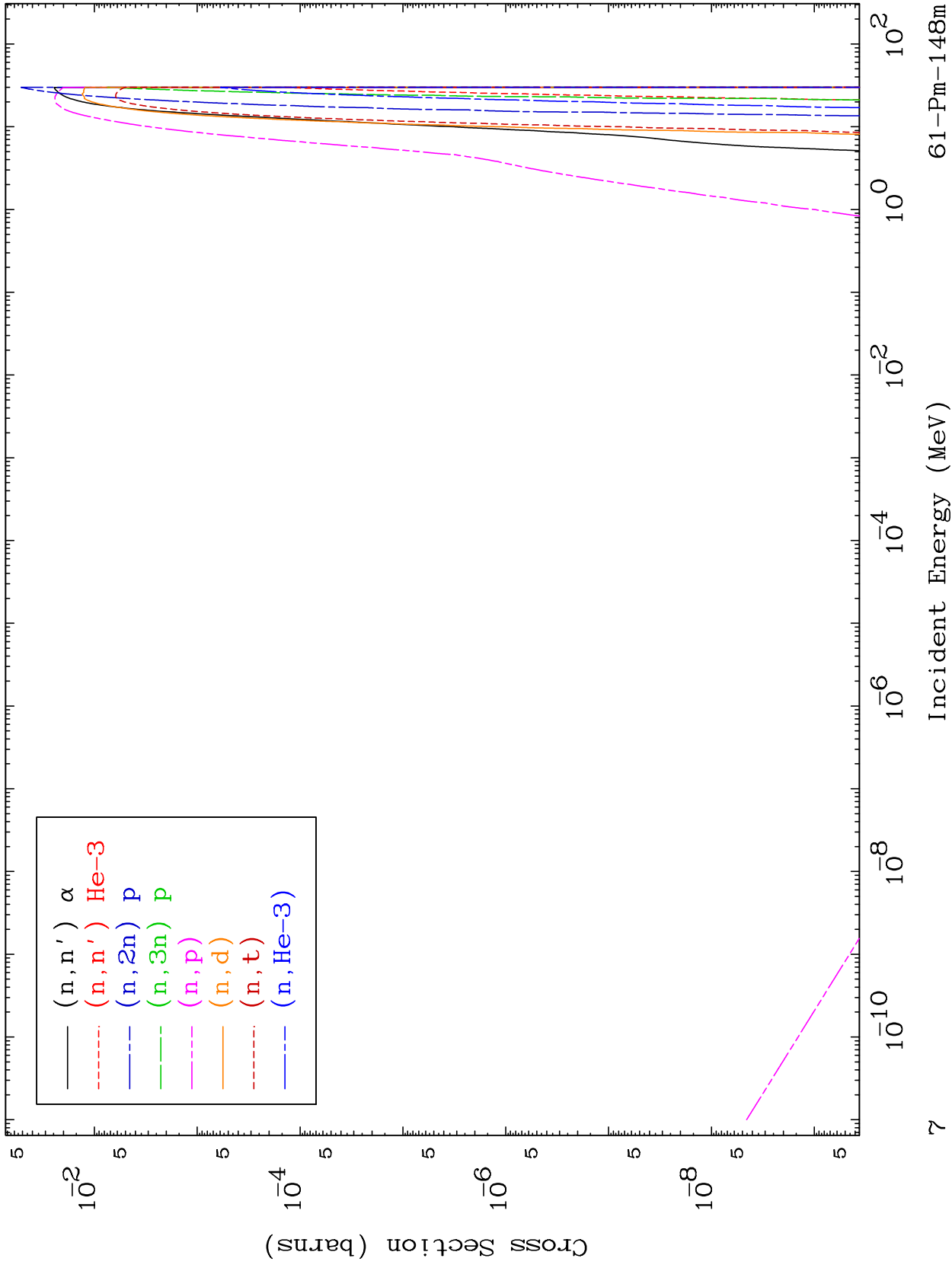
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MAT 6153

Charged Particle  
293 Kelvin Cross Sections

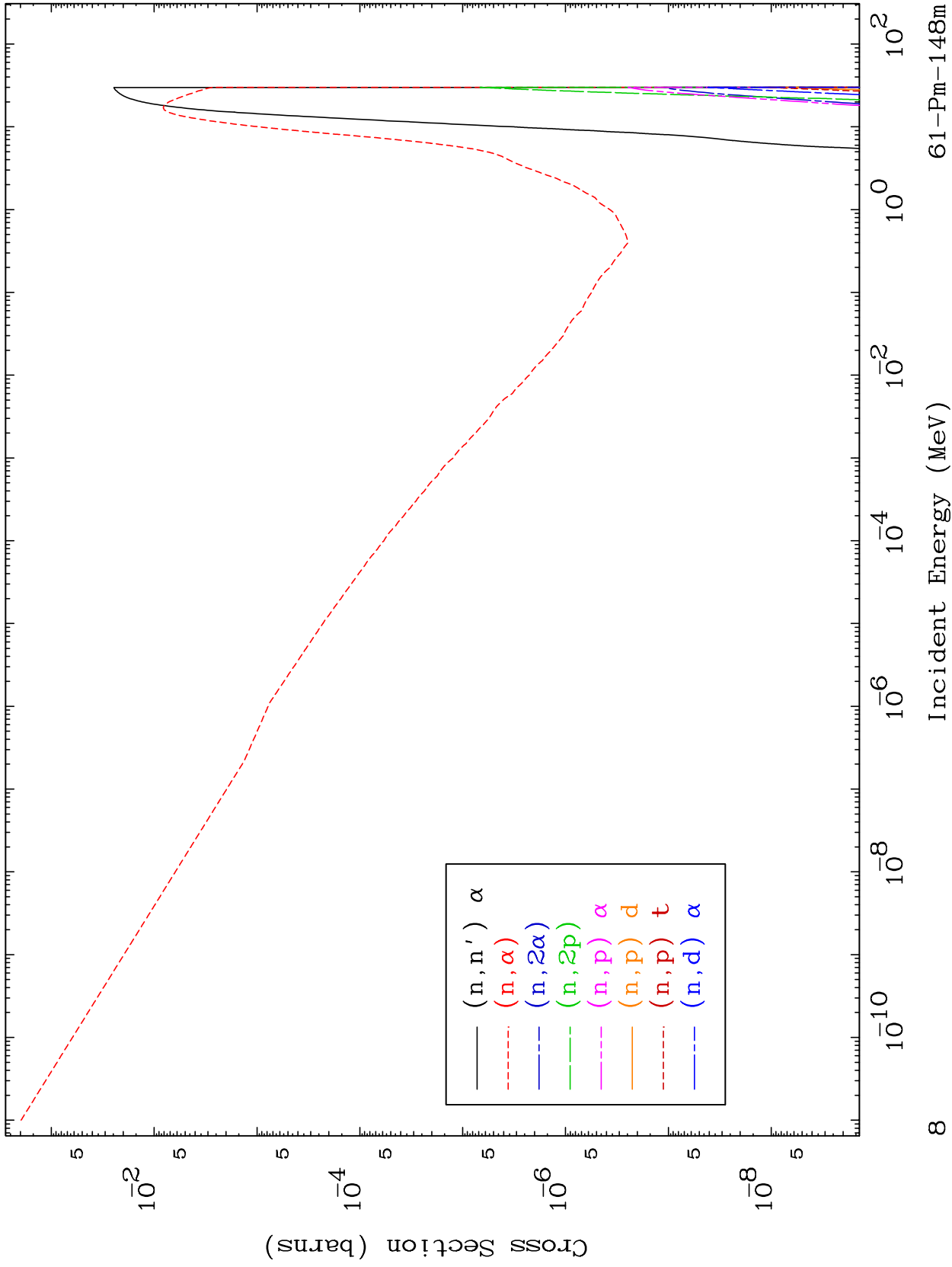
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Charged Particle  
293 Kelvin Cross Sections

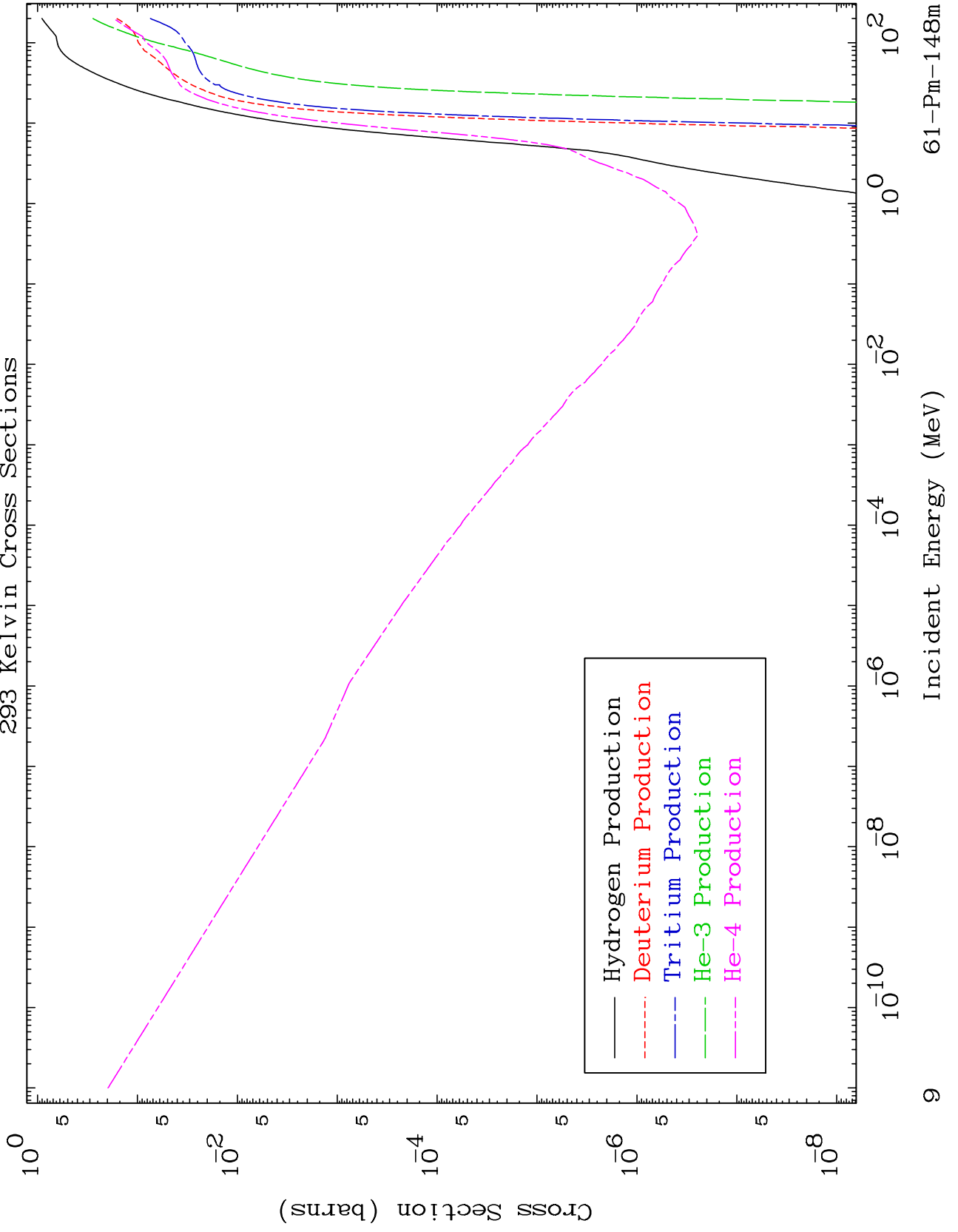
61-Pm-148m



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Particle Production  
293 Kelvin Cross Sections

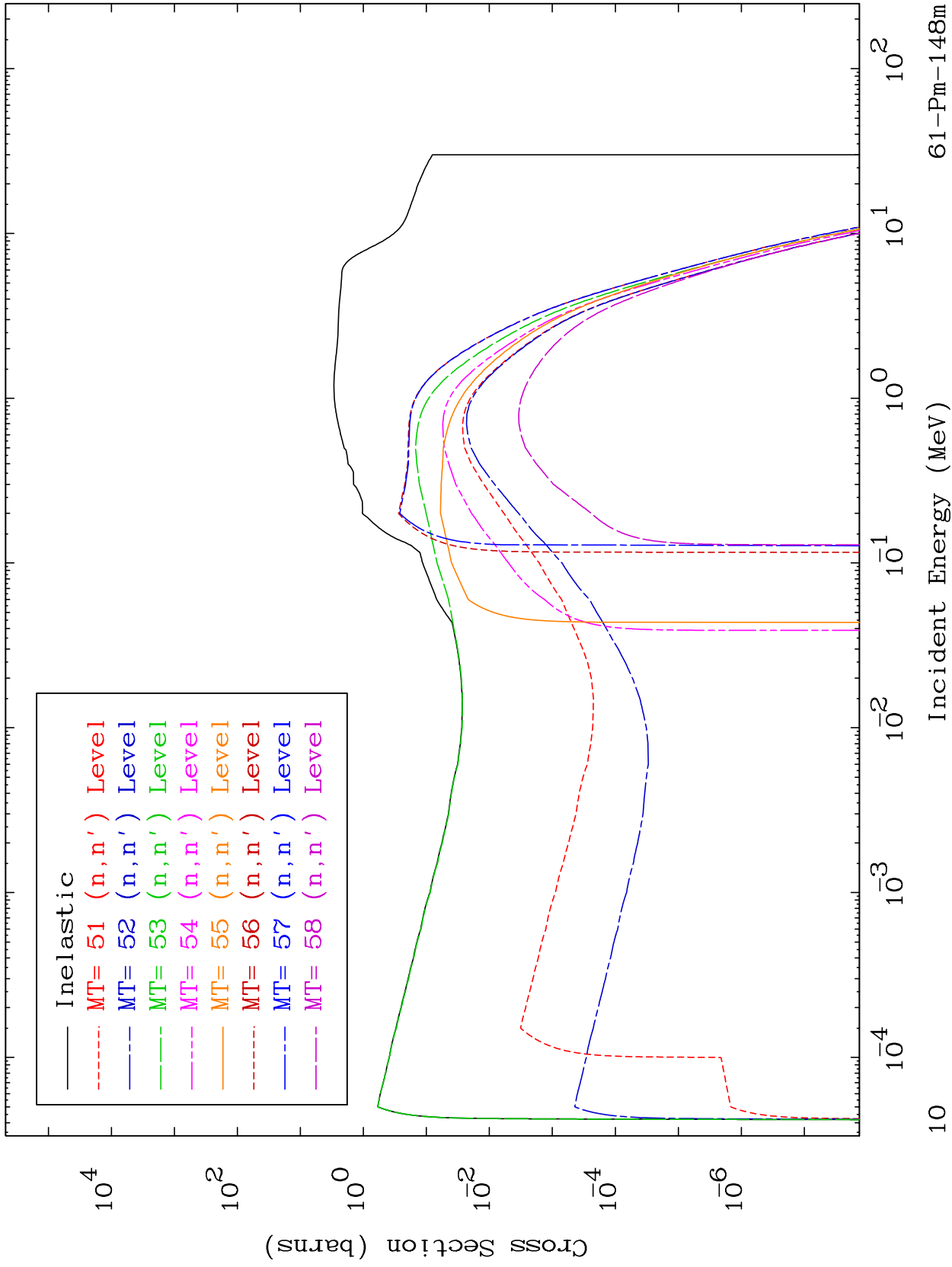
61-Pm-148m



MAT 6153

(n,n') Levels  
293 Kelvin Cross Sections

61-Pm-148m



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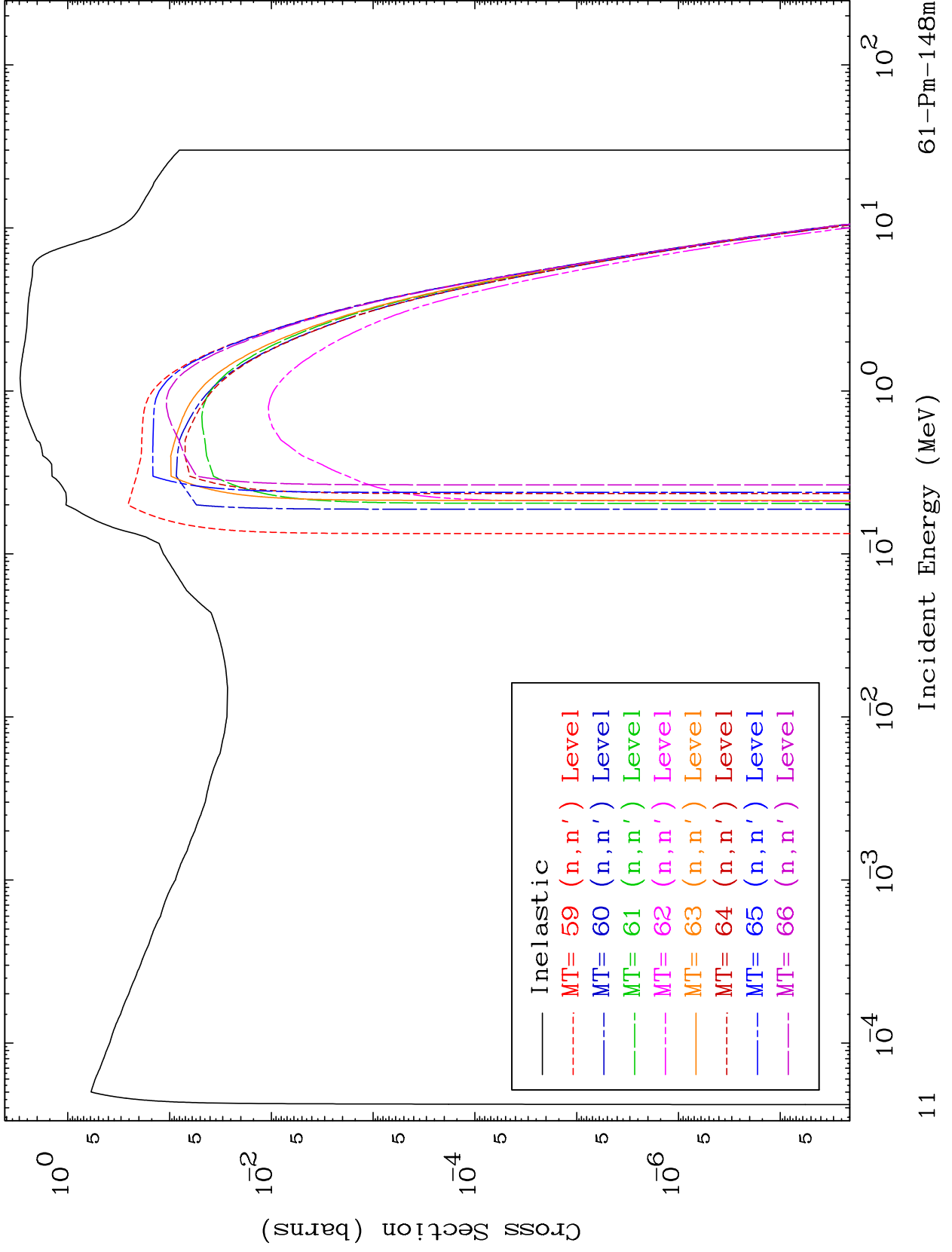
Incident Energy (MeV)

61-Pm-148m

MAT 6153

(n,n') Levels  
293 Kelvin Cross Sections

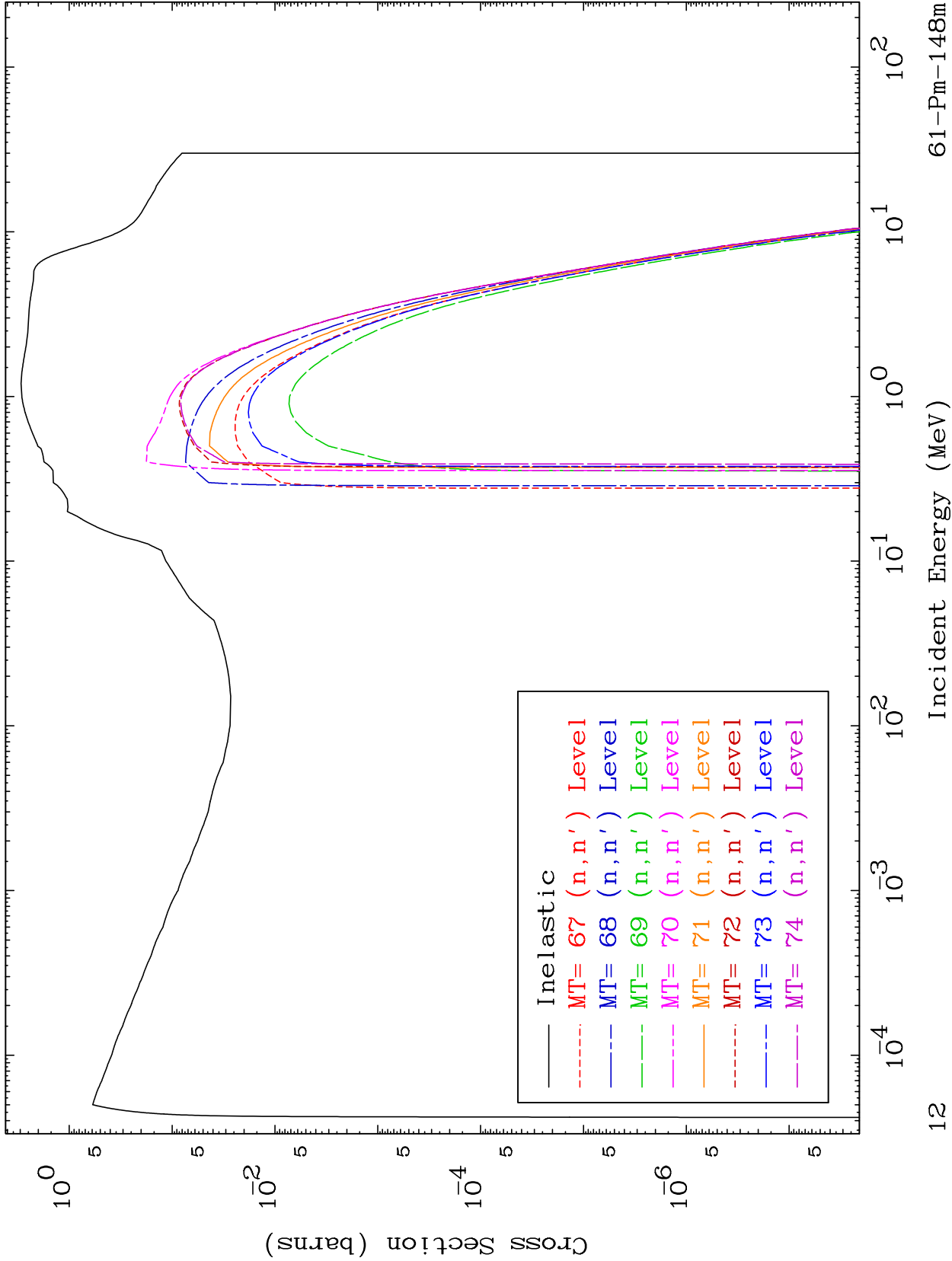
61-Pm-148m



MAT 6153

(n,n') Levels  
293 Kelvin Cross Sections

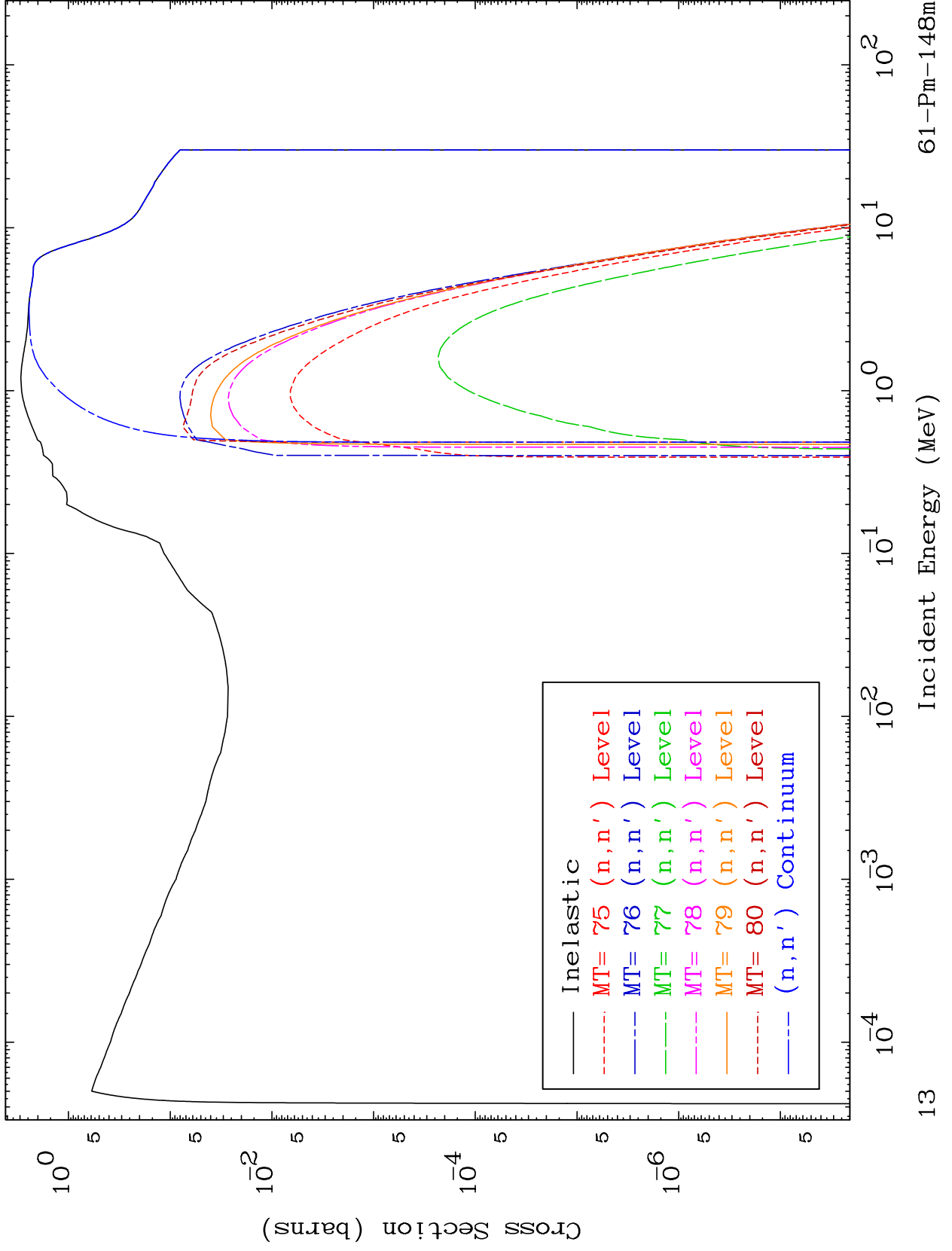
61-Pm-148m



MAT 6153

(n,n') Levels  
293 Kelvin Cross Sections

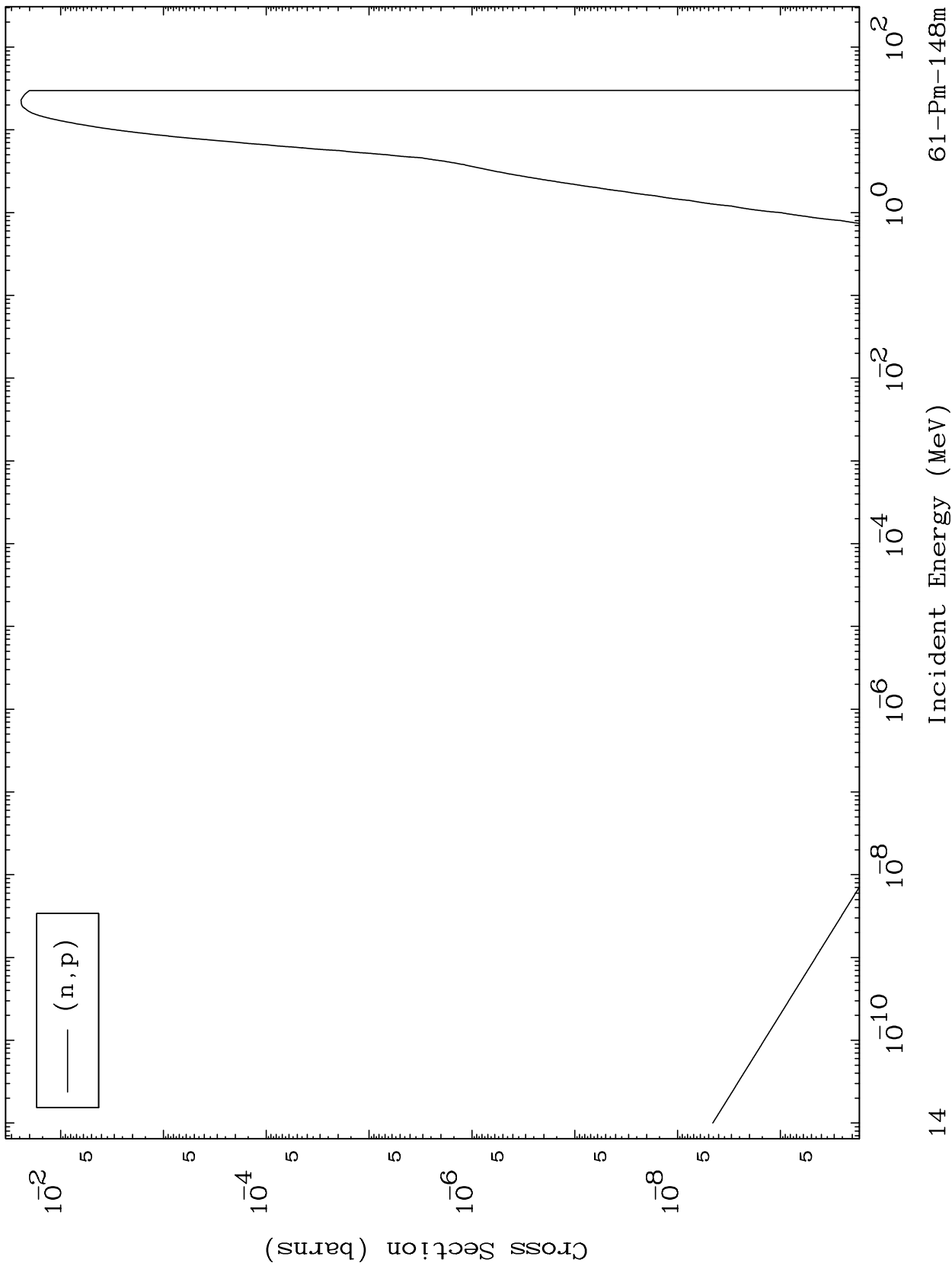
61-Pm-148m



MAT 6153

(n,p) Levels  
293 Kelvin Cross Sections

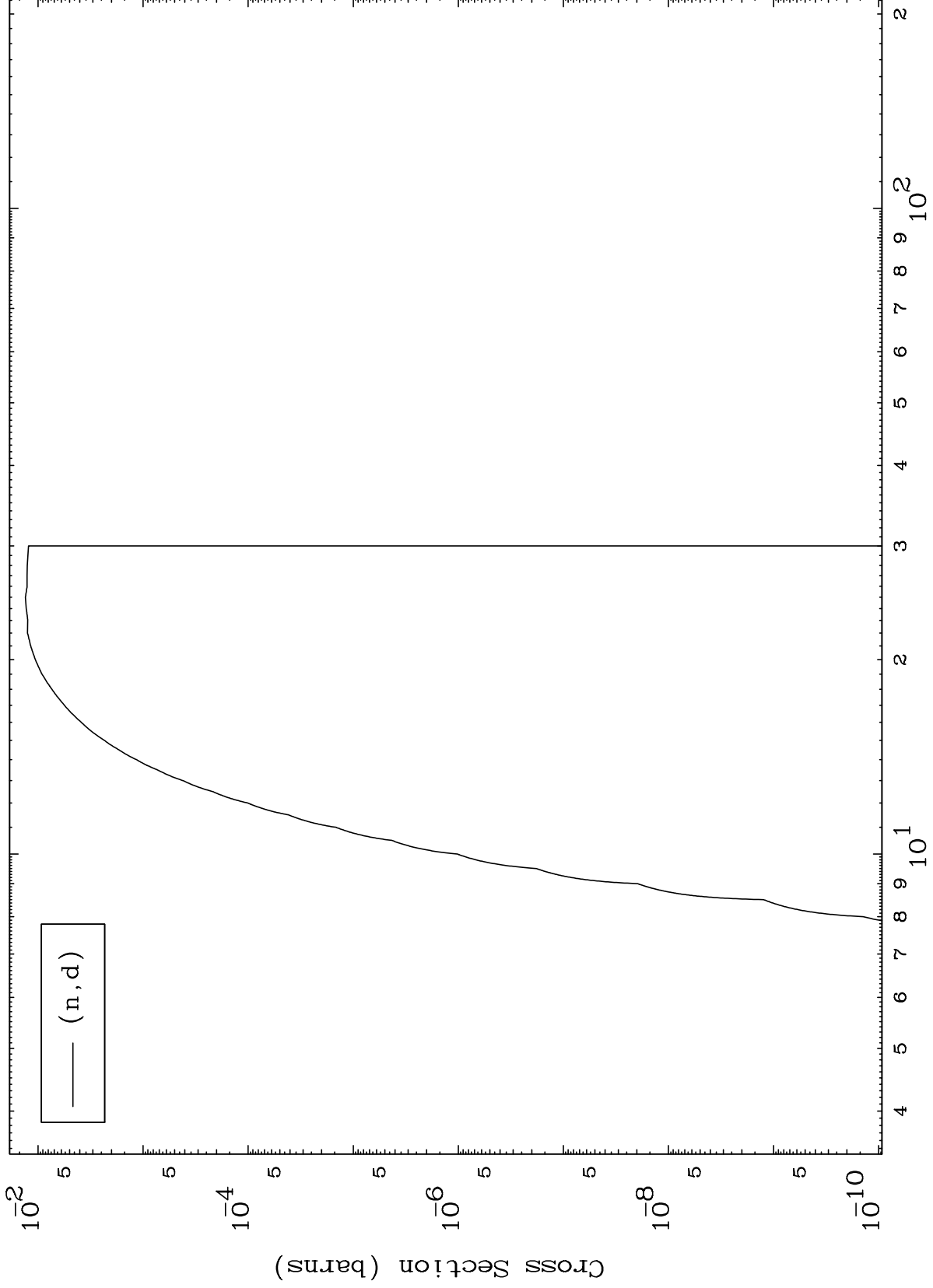
61-Pm-148m



MAT 6153

(n,d) Levels  
293 Kelvin Cross Sections

61-Pm-148m



15

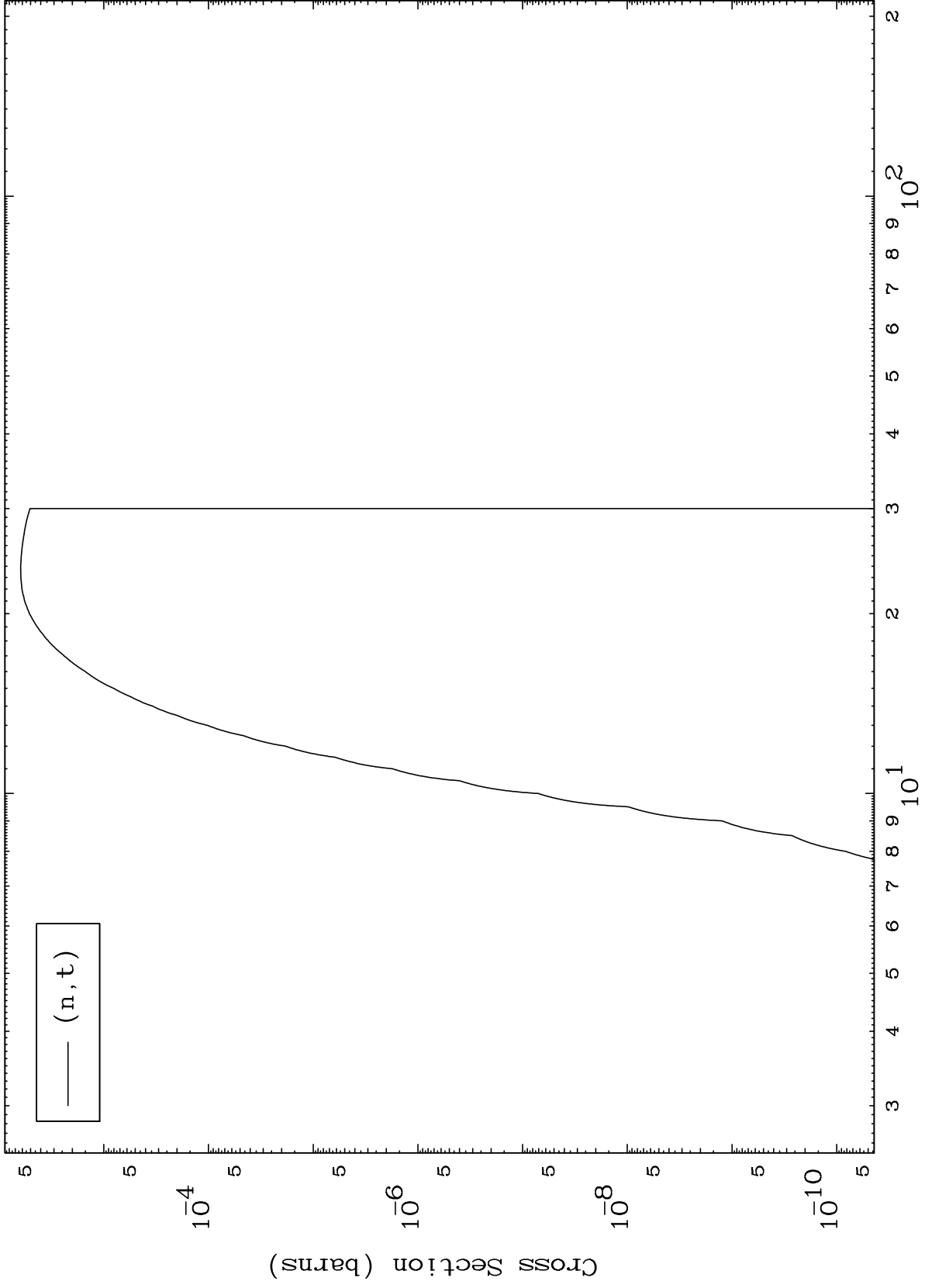
Incident Energy (MeV)

61-Pm-148m

MAT 6153

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-148m



16

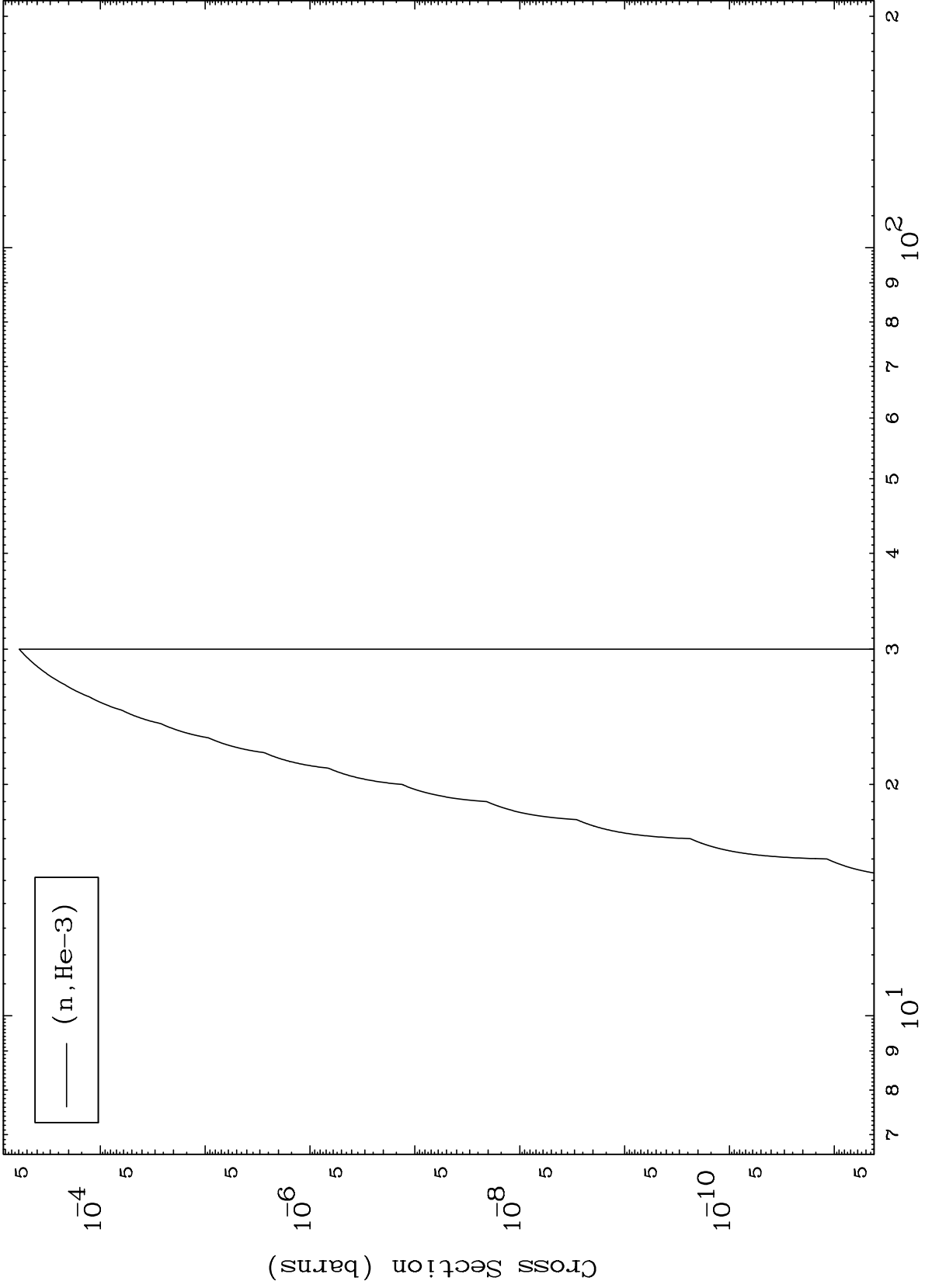
Incident Energy (MeV)

61-Pm-148m

MAT 6153

(n,He3) Levels  
293 Kelvin Cross Sections

61-Pm-148m



17

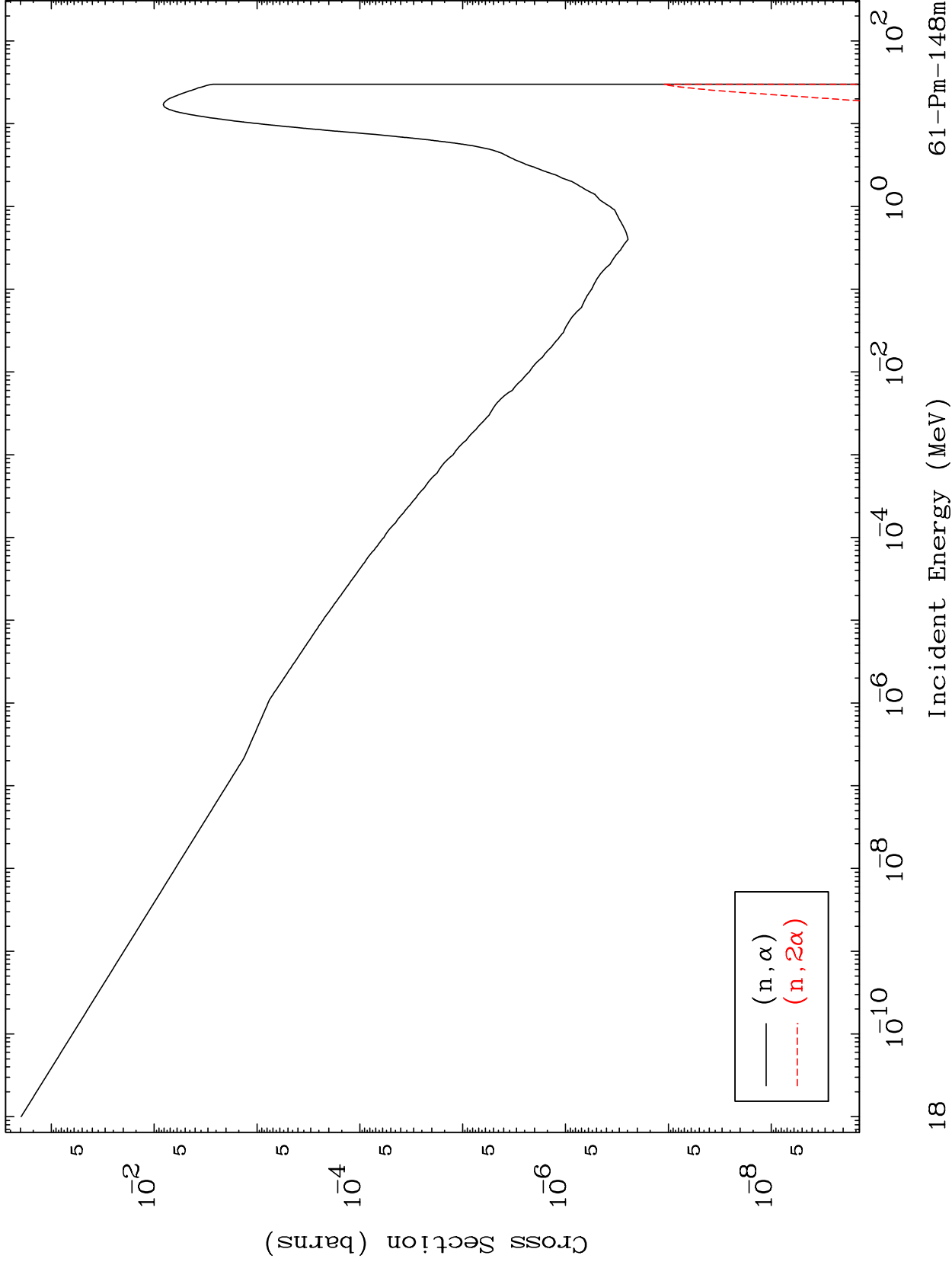
Incident Energy (MeV)

61-Pm-148m

MAT 6153

(n,α) Levels  
293 Kelvin Cross Sections

61-Pm-148m

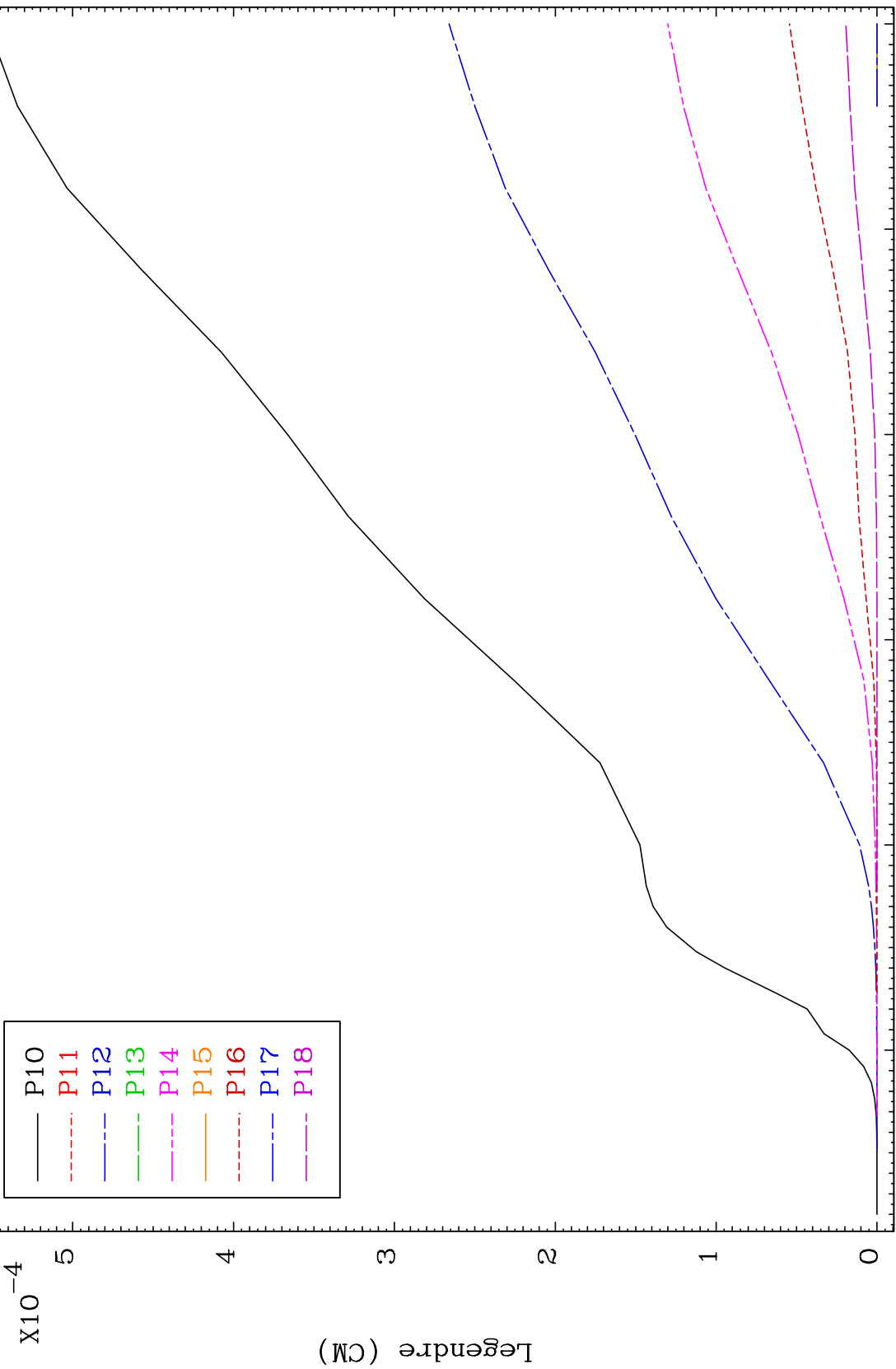
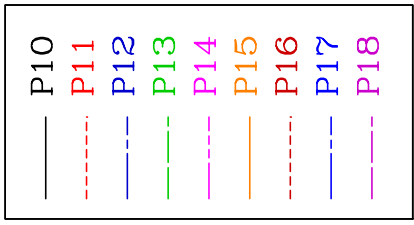




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Elastic Legendre Coefficients

61-Pm-148m



20

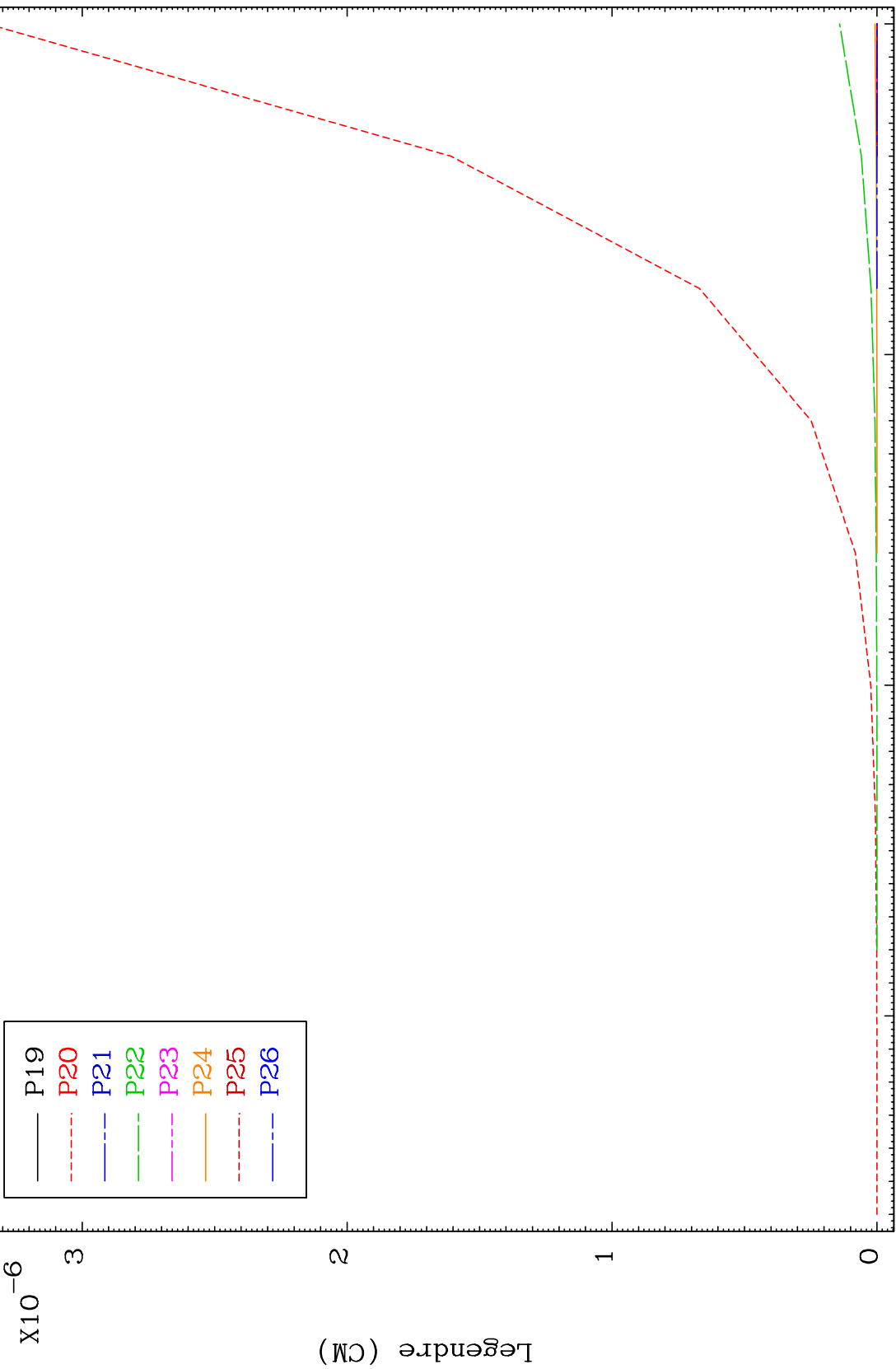
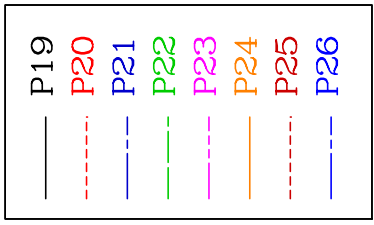
Incident Energy (MeV)

61-Pm-148m

MAT 6153

Elastic Legendre Coefficients

61-Pm-148m



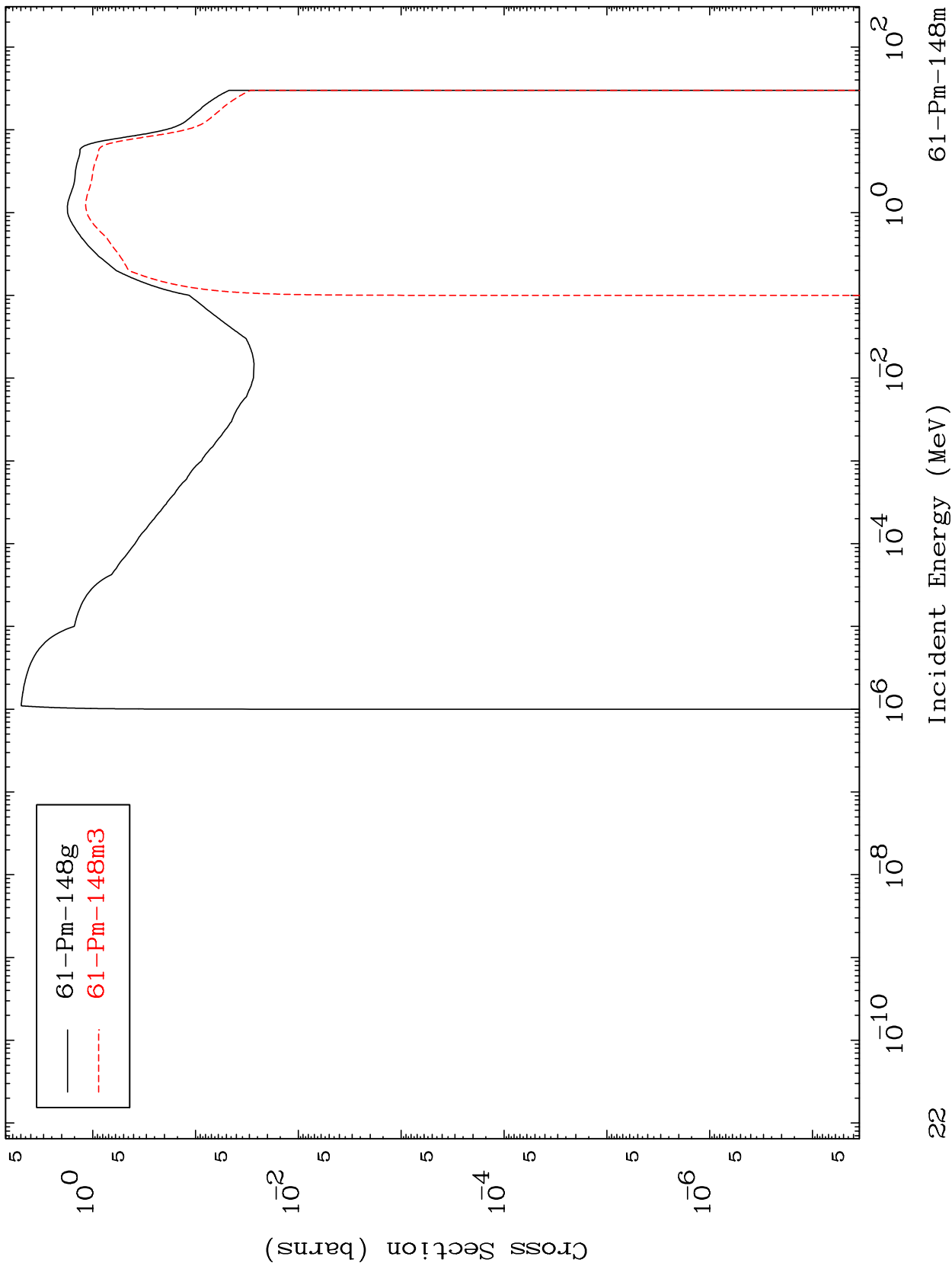
21

61-Pm-148m

MAT 6153

61-Pm-148m

Inelastic  
Radionuclide Production Cross Section

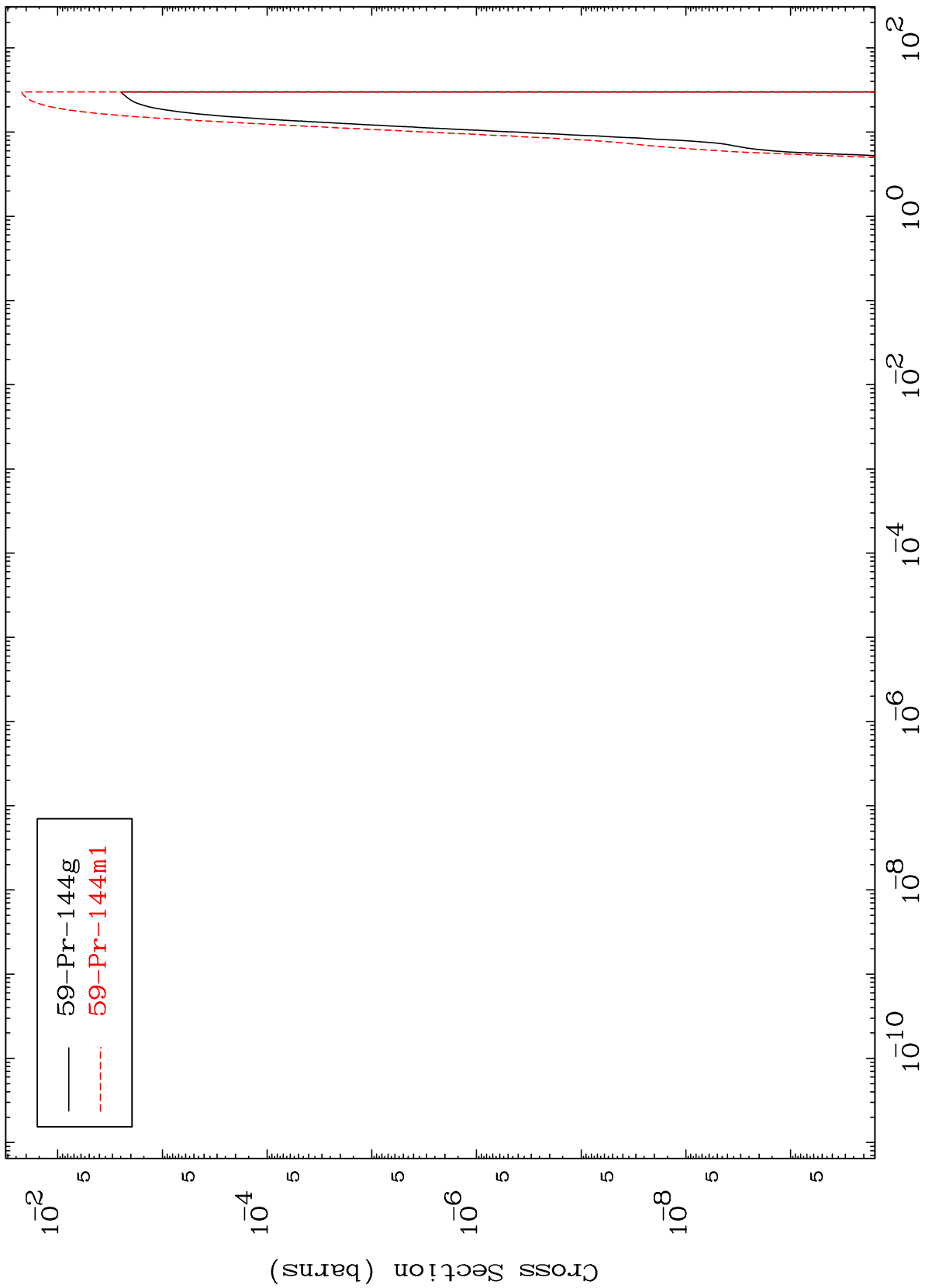


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$(n, n') \alpha$

61-Pm-148m

Radionuclide Production Cross Section

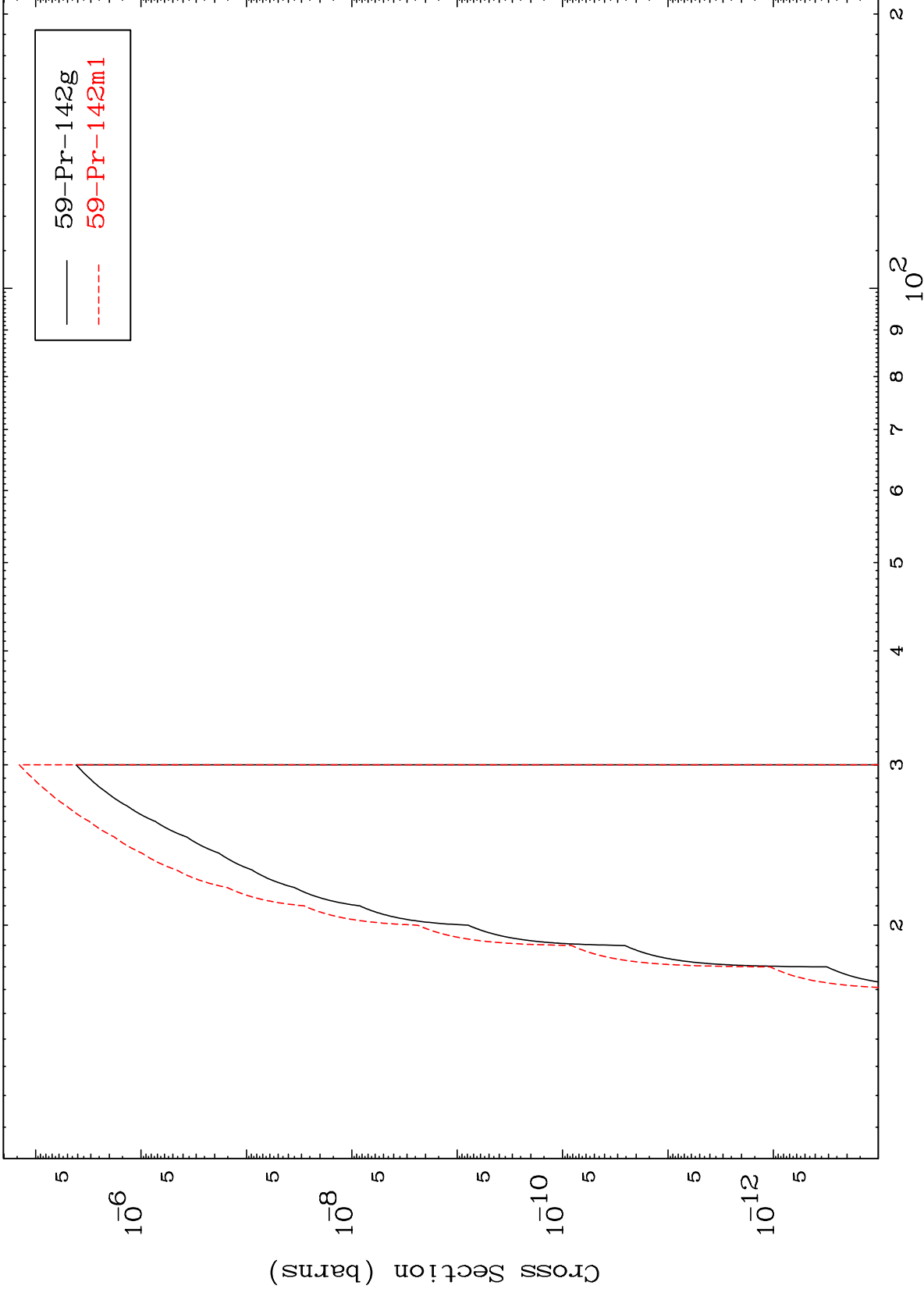


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(n,3n)  $\alpha$

61-Pm-148m

Radionuclide Production Cross Section



59-Pr-142g  
59-Pr-142m1