

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

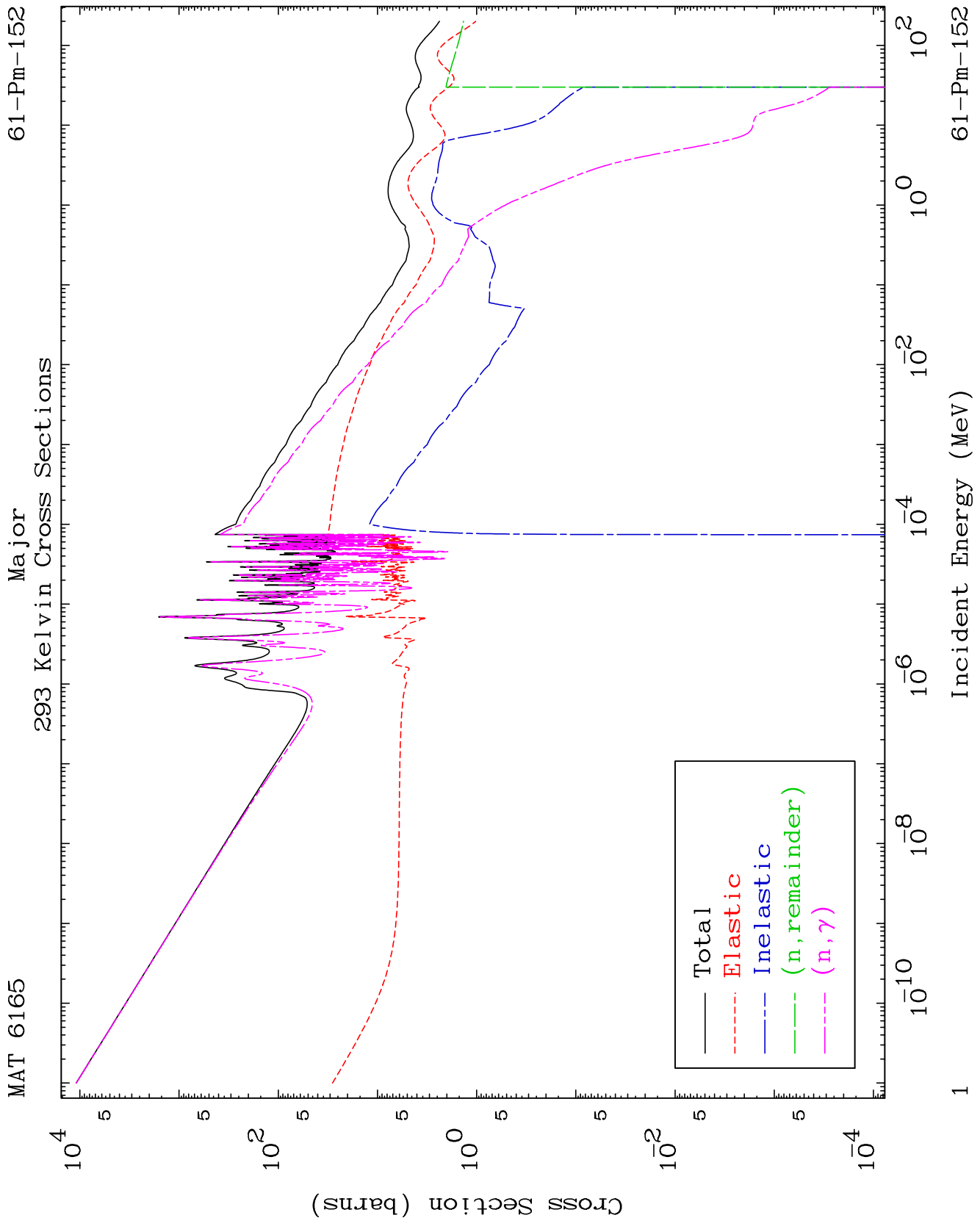
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



MAT 6165

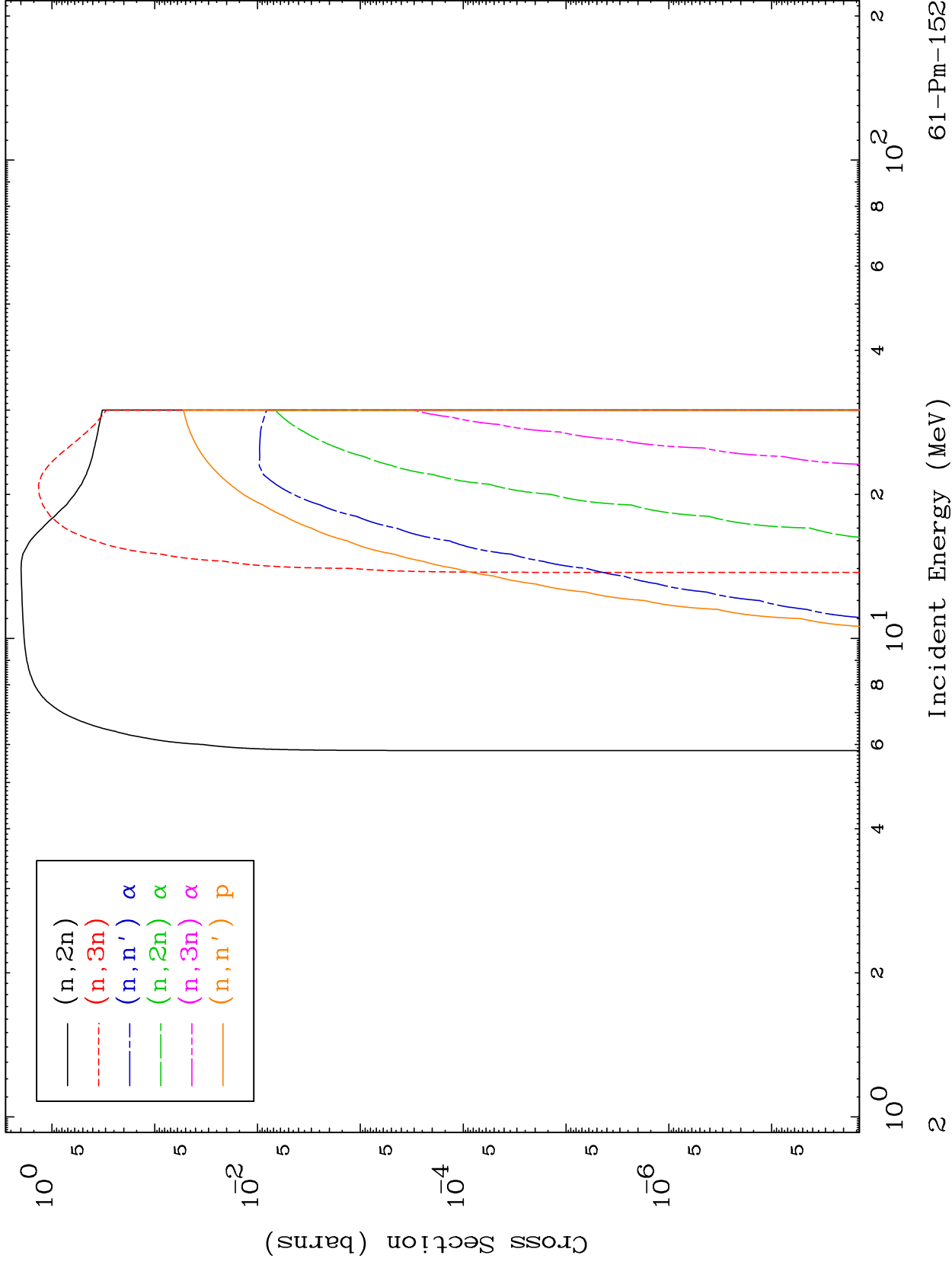
Major

61-Pm-152

MAT 6165

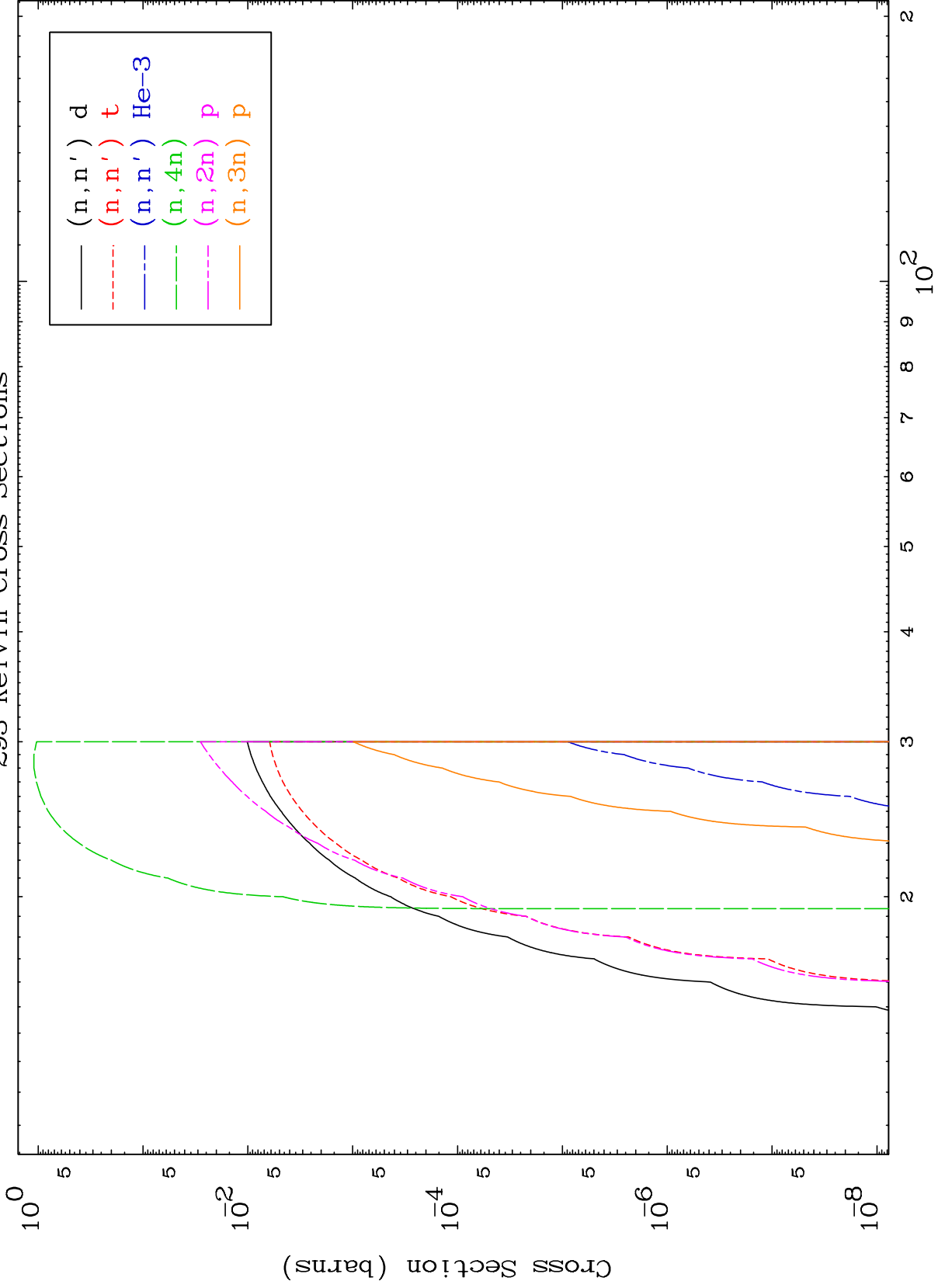
Neutron Production  
293 Kelvin Cross Sections

61-Pm-152



61-Pm-152

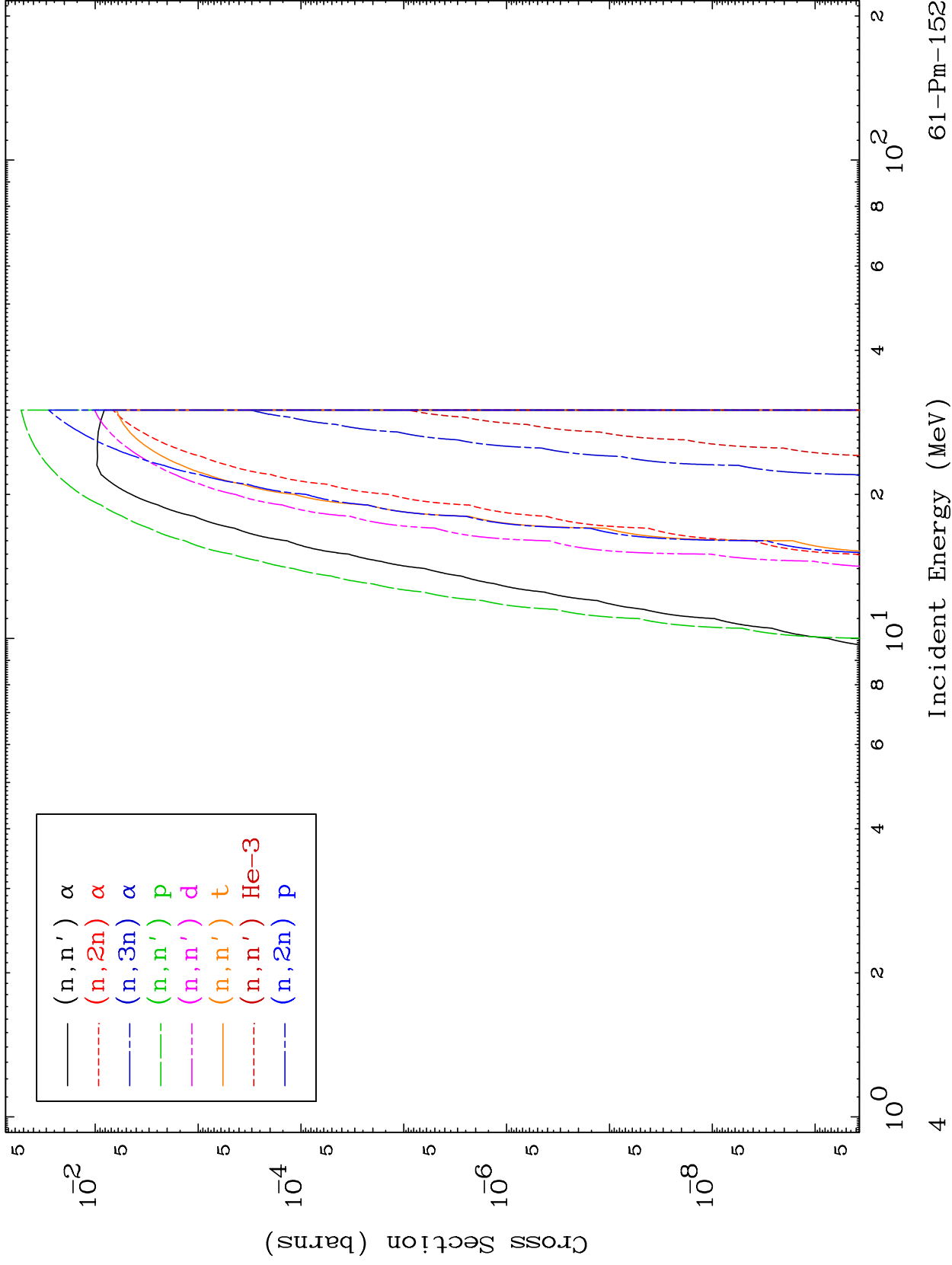
Incident Energy (MeV)



MAT 6165

Charged Particle  
293 Kelvin Cross Sections

61-Pm-152



61-Pm-152

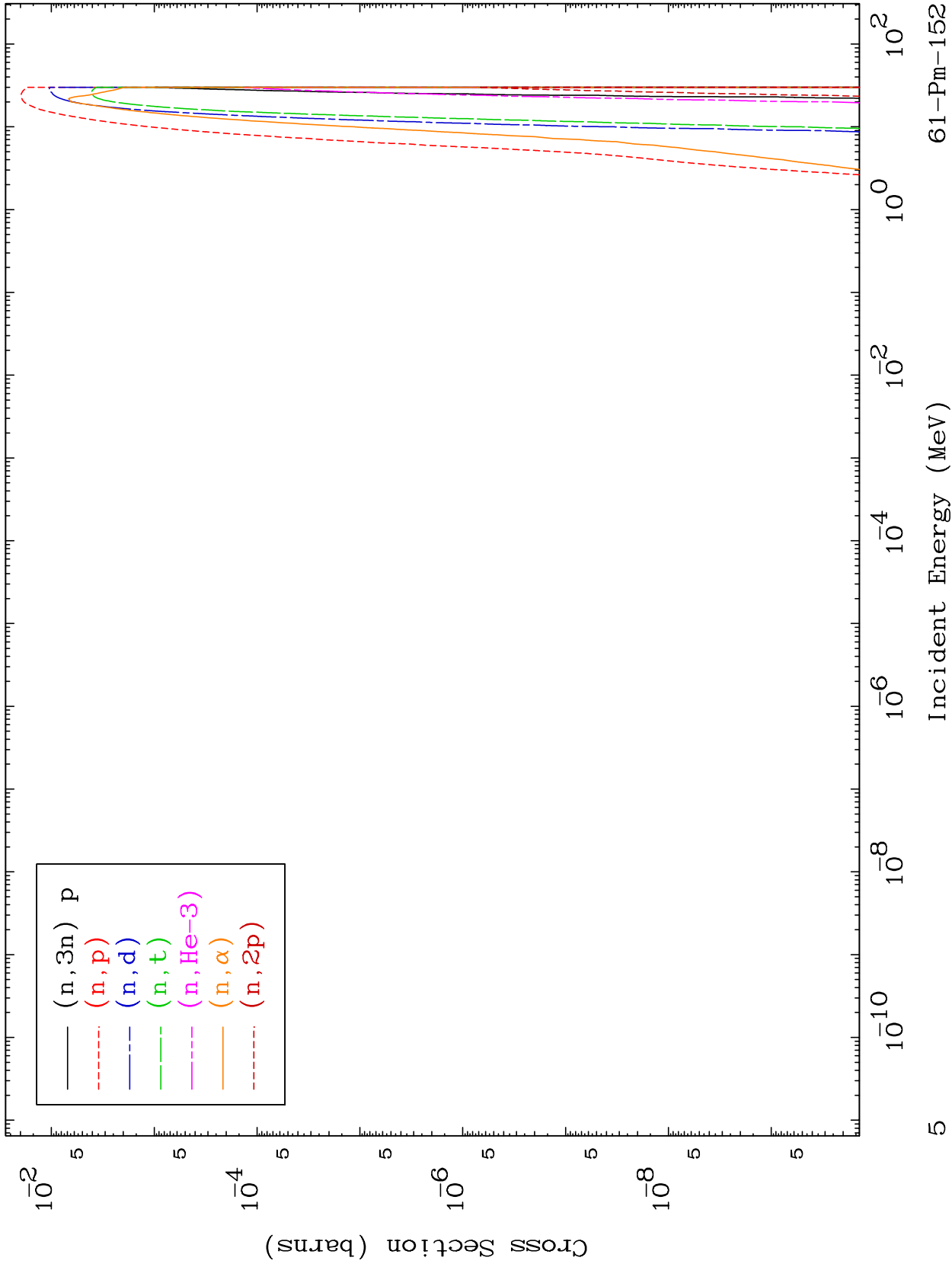
Incident Energy (MeV)

4

MAT 6165

Charged Particle  
293 Kelvin Cross Sections

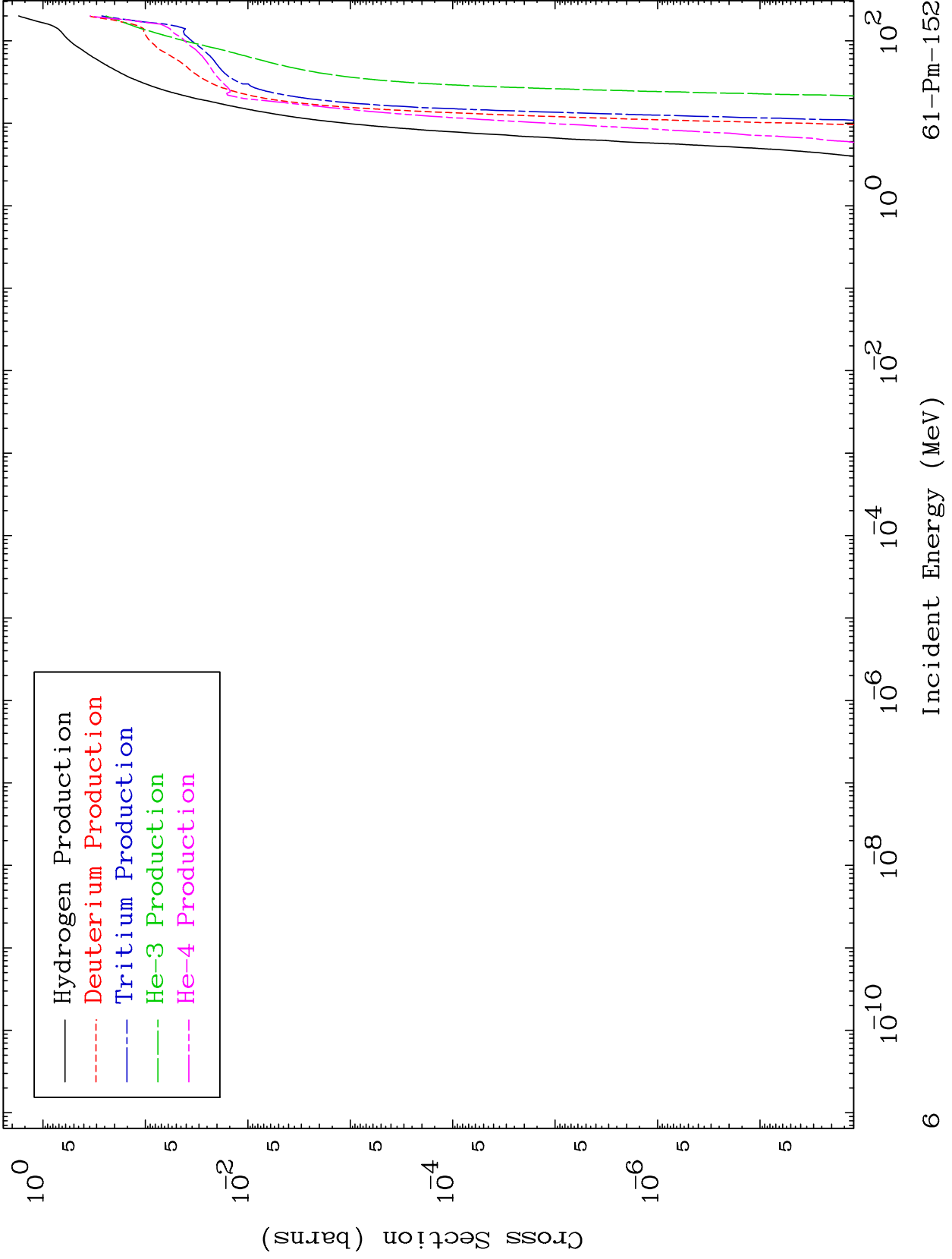
61-Pm-152



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Particle Production  
293 Kelvin Cross Sections

61-Pm-152

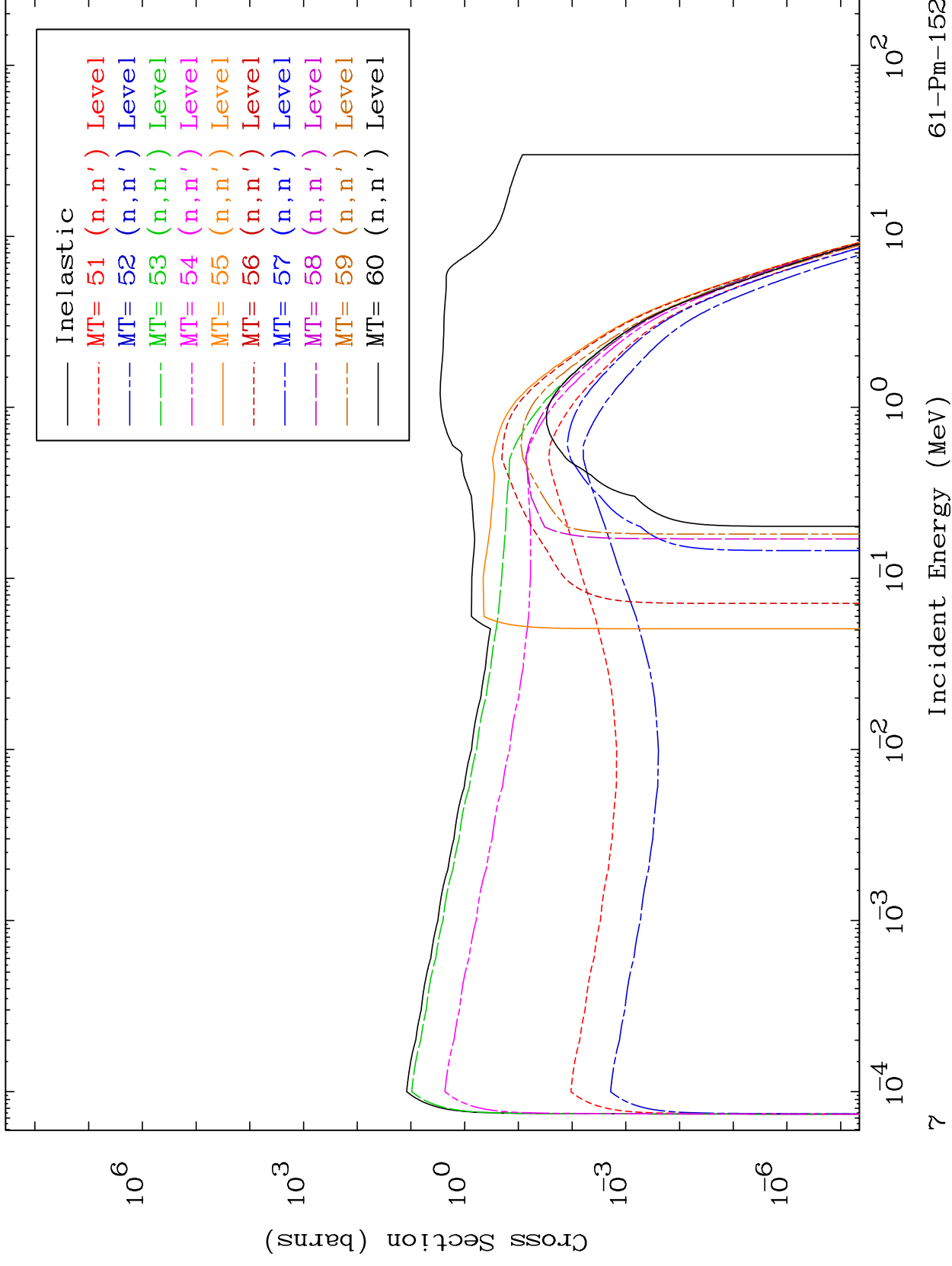


MAT 6165

(n,n') Level

61-Pm-152

293 Kelvin Cross Sections



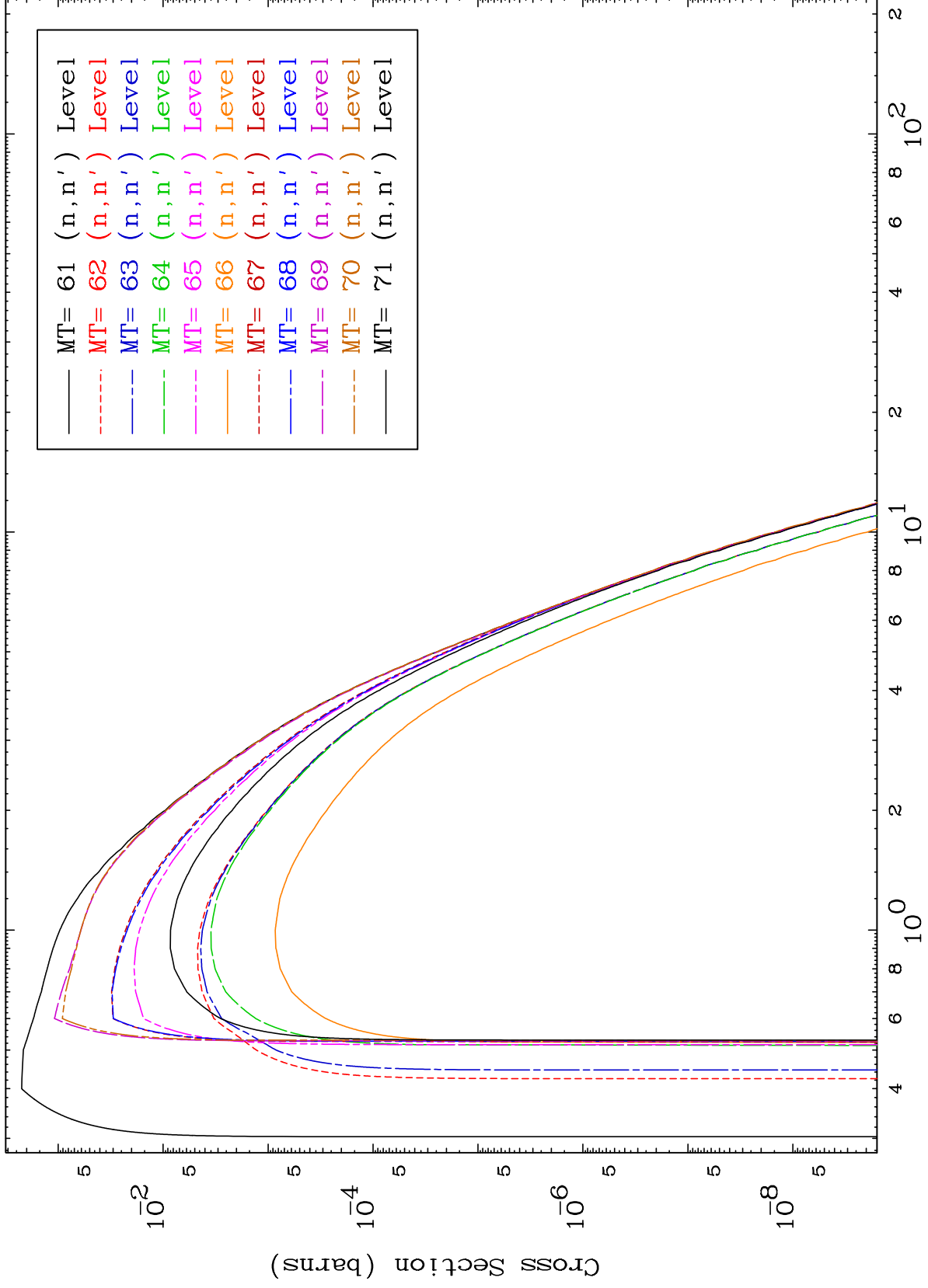


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(n,n') Level

293 Kelvin Cross Sections

61-Pm-152

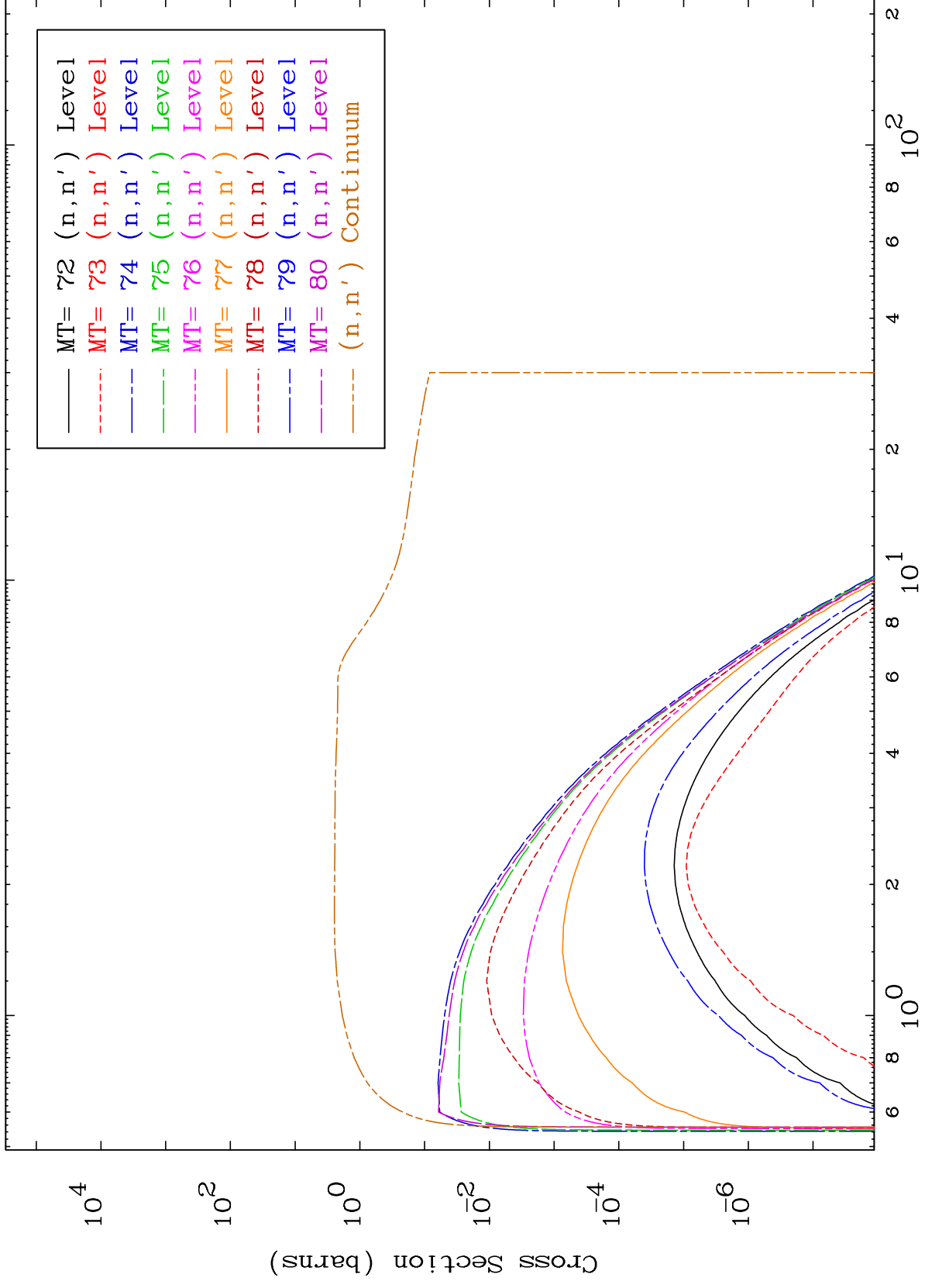


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Incident Energy (MeV)

61-Pm-152

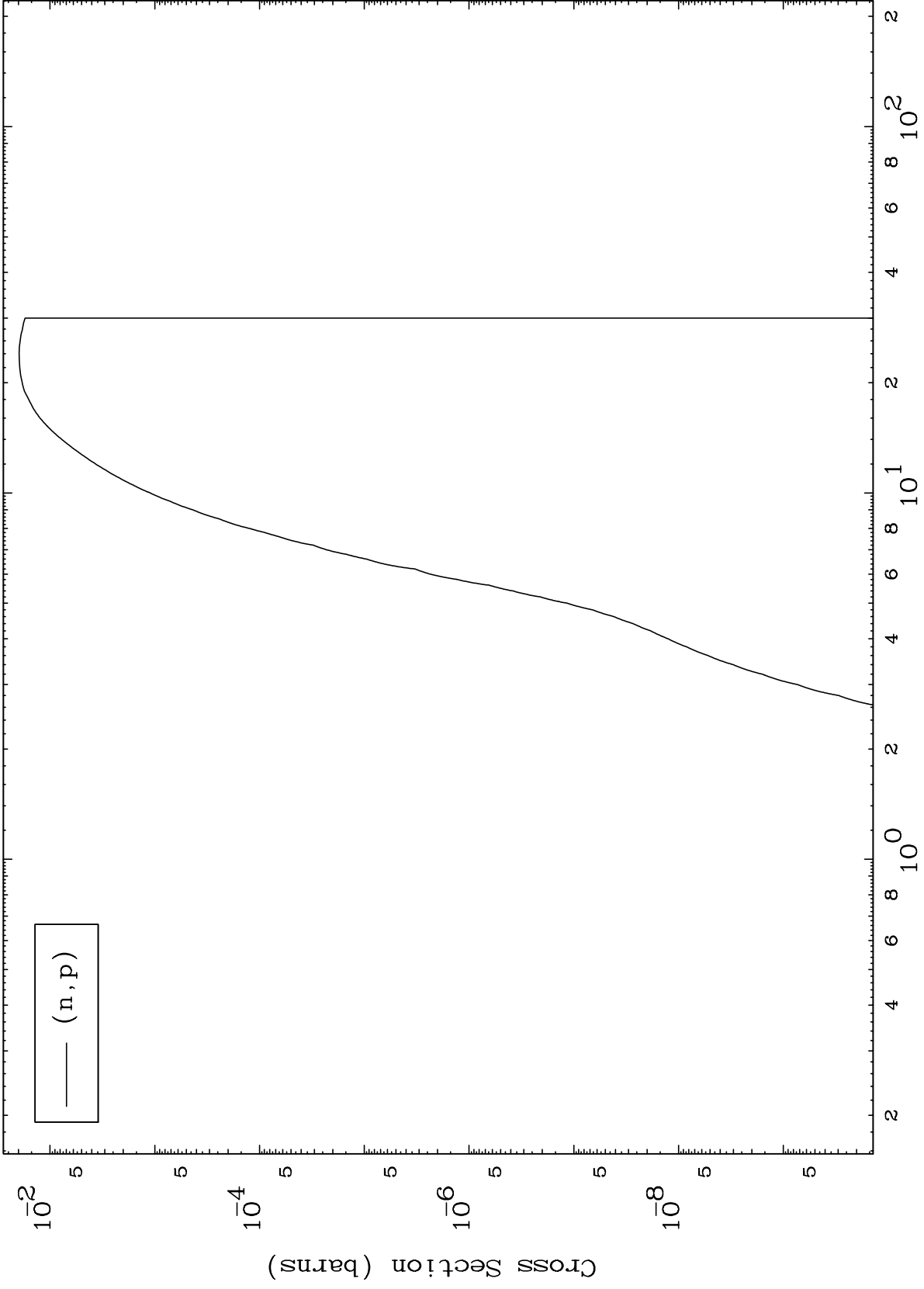
293 Kelvin Cross Sections



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(n,p) Levels  
293 Kelvin Cross Sections

61-Pm-152



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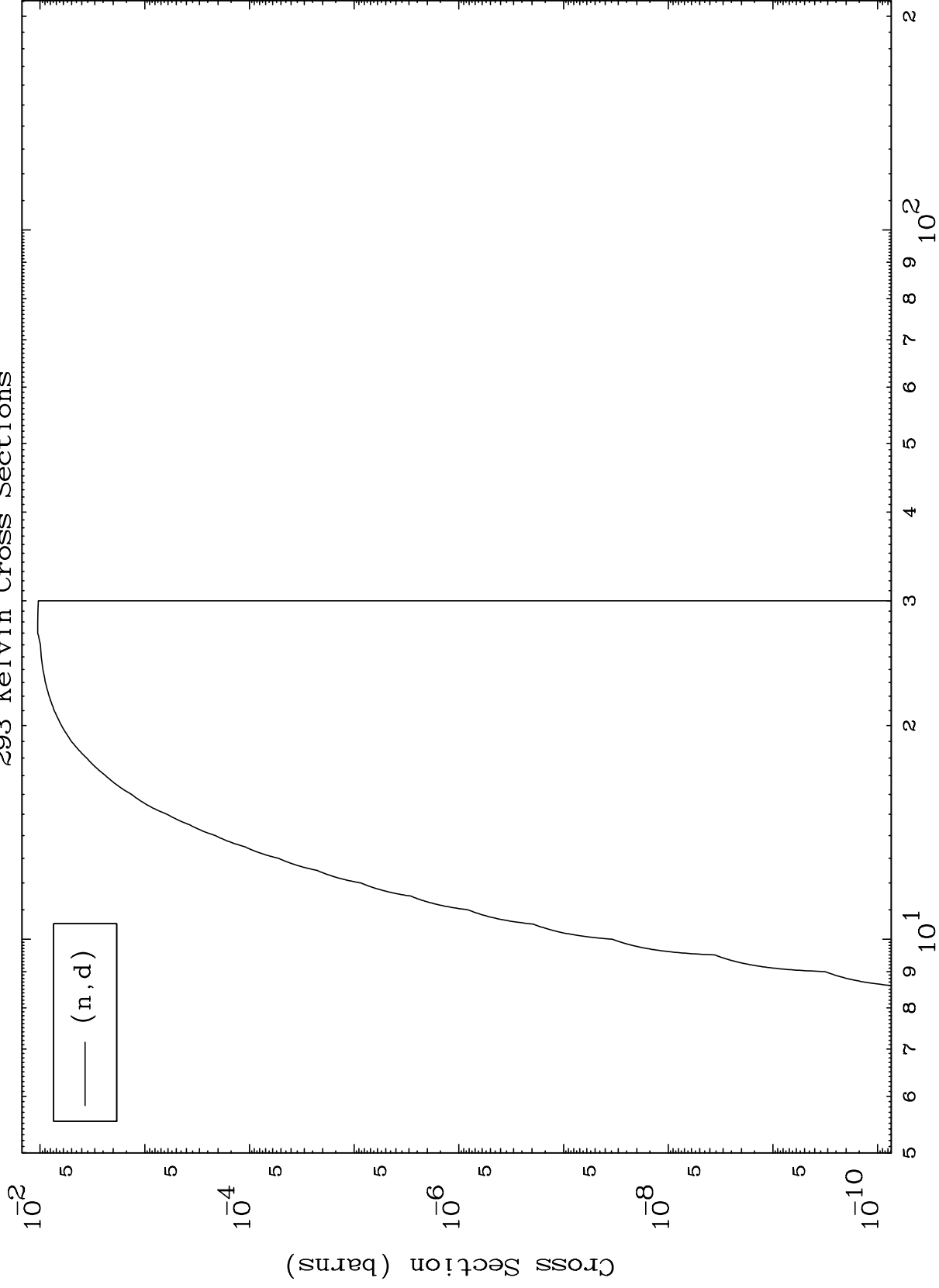
Incident Energy (MeV)

61-Pm-152

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(n,d) Levels  
293 Kelvin Cross Sections

61-Pm-152



11

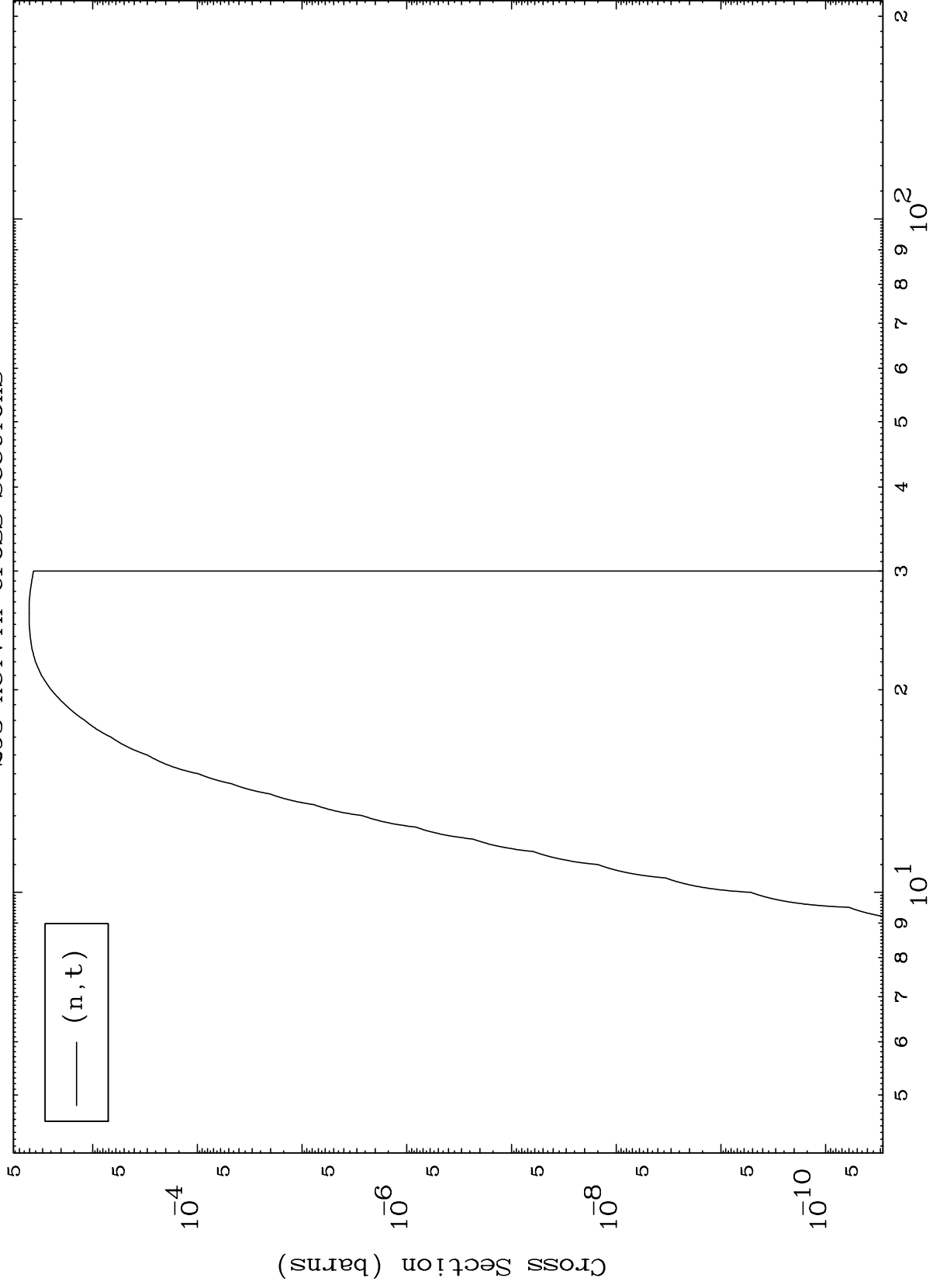
Incident Energy (MeV)

61-Pm-152

MAT 6165

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-152



12

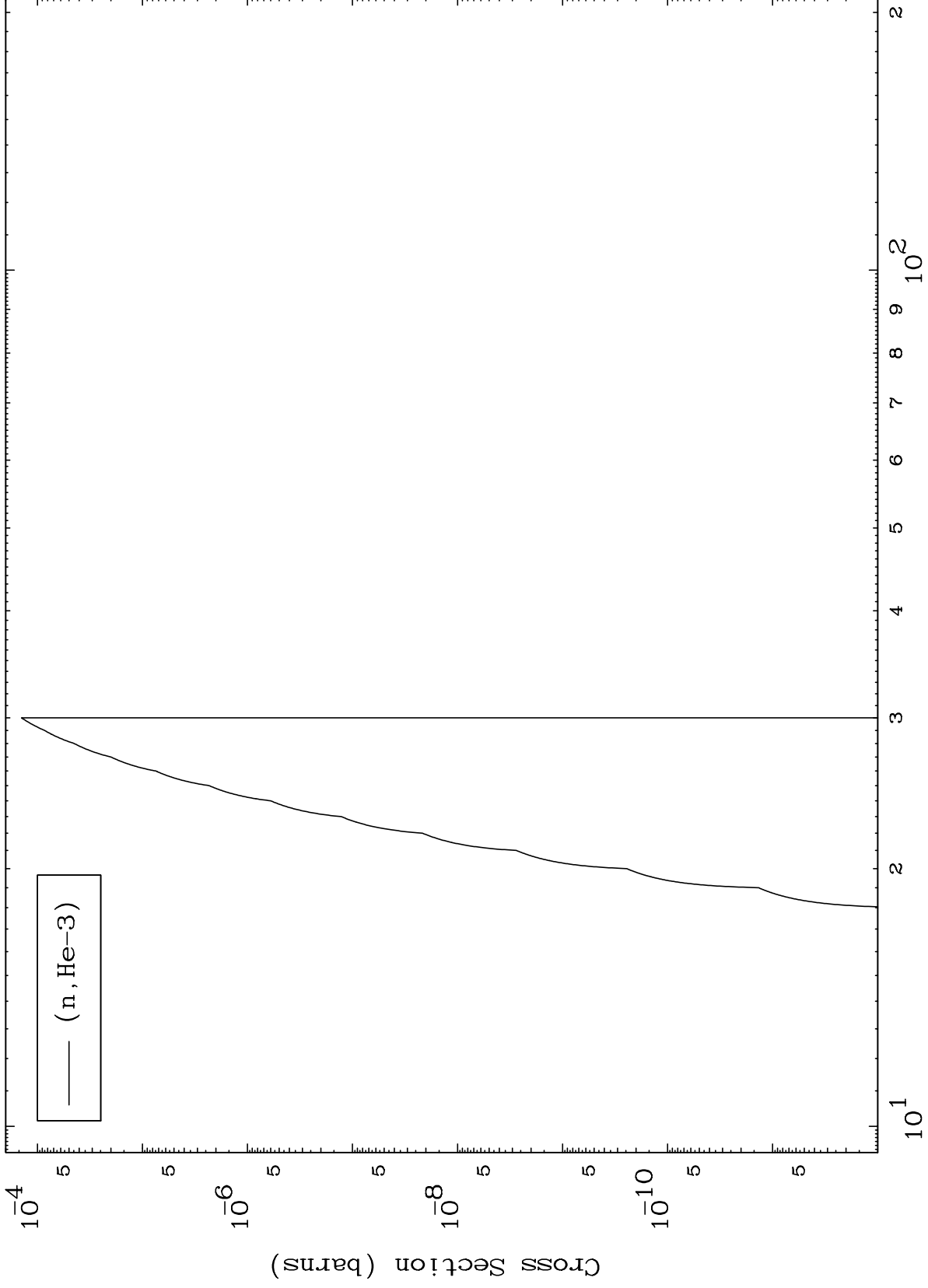
Incident Energy (MeV)

61-Pm-152

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(n,He3) Levels  
293 Kelvin Cross Sections

61-Pm-152



13

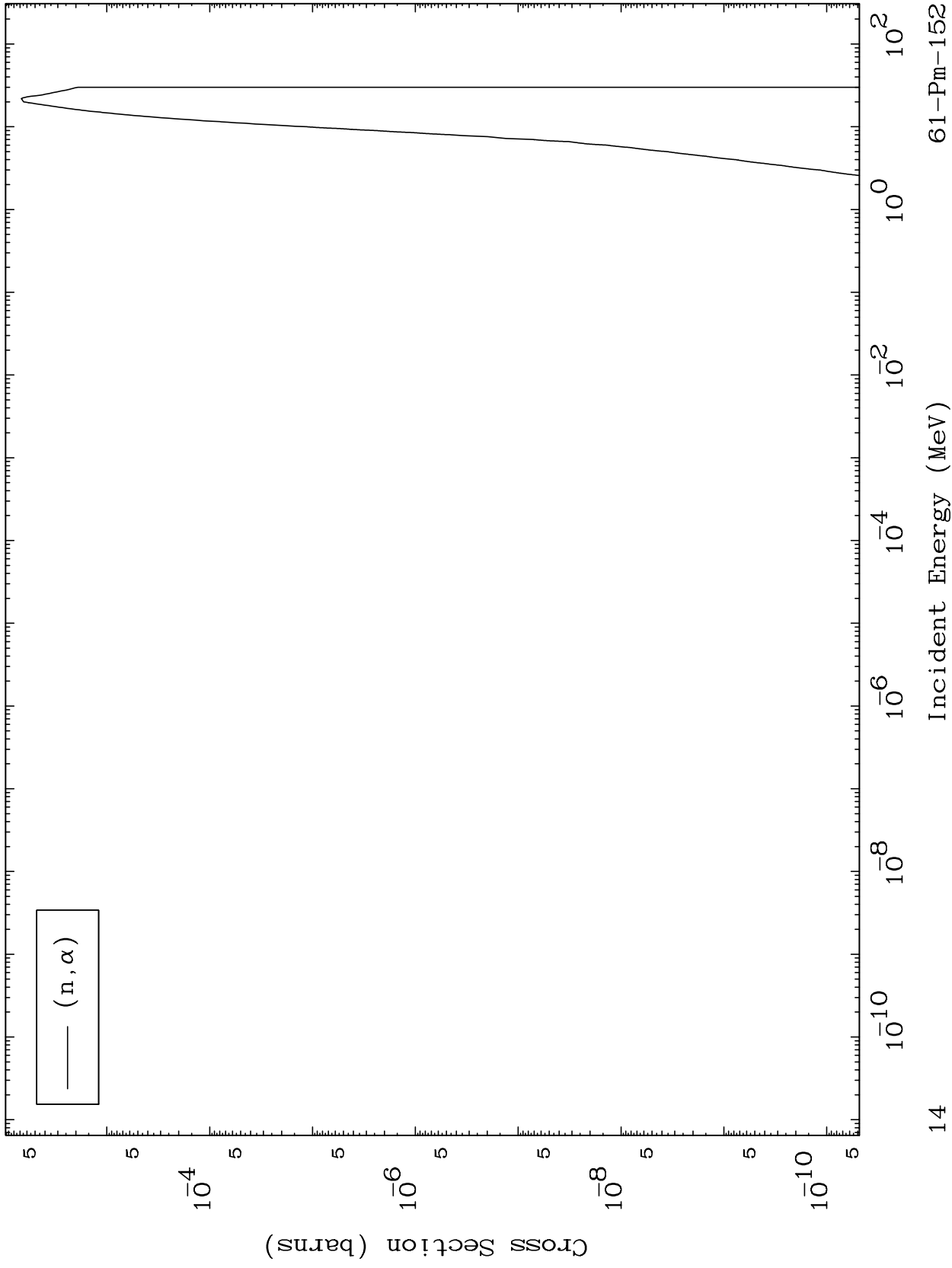
Incident Energy (MeV)

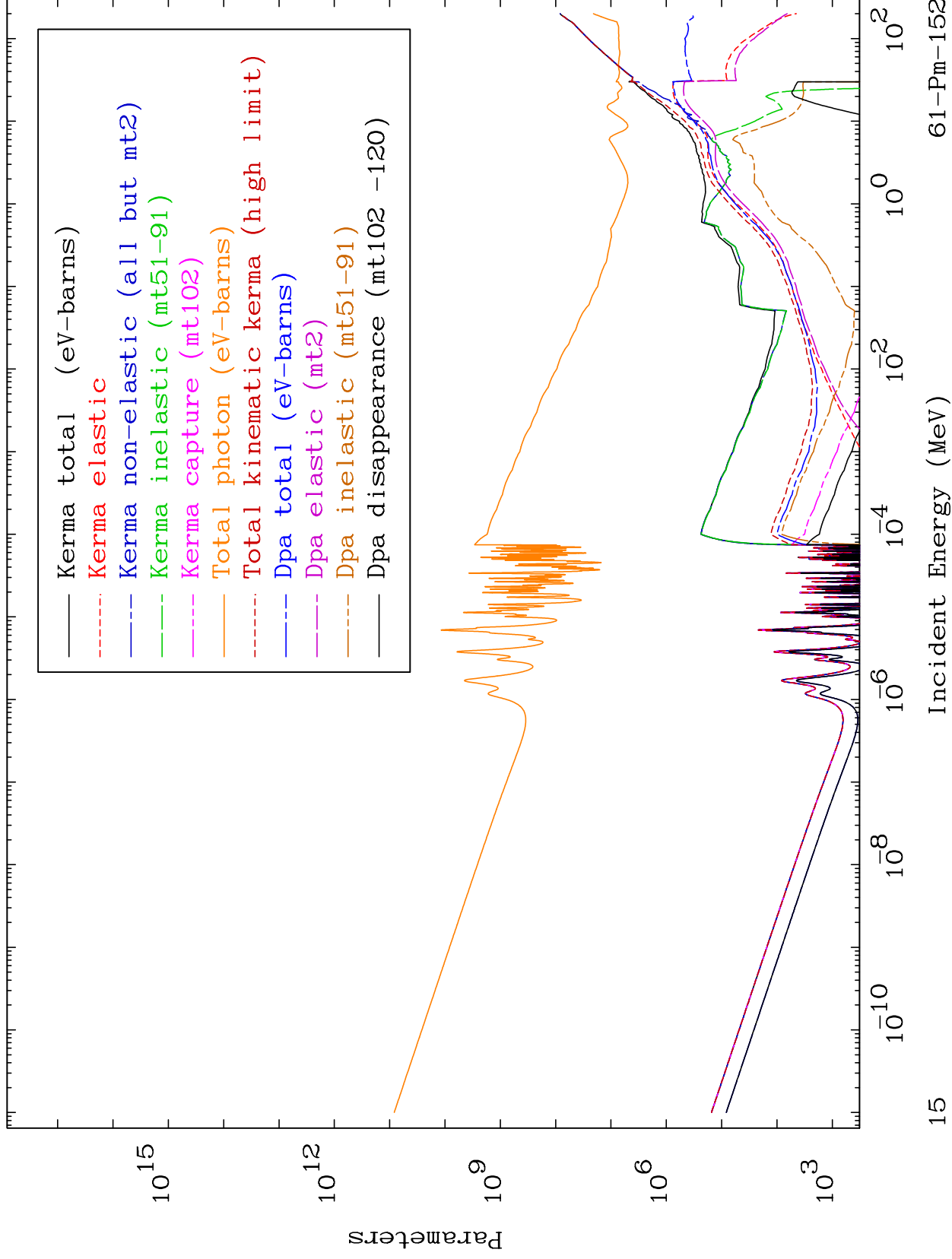
61-Pm-152

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

61-Pm-152



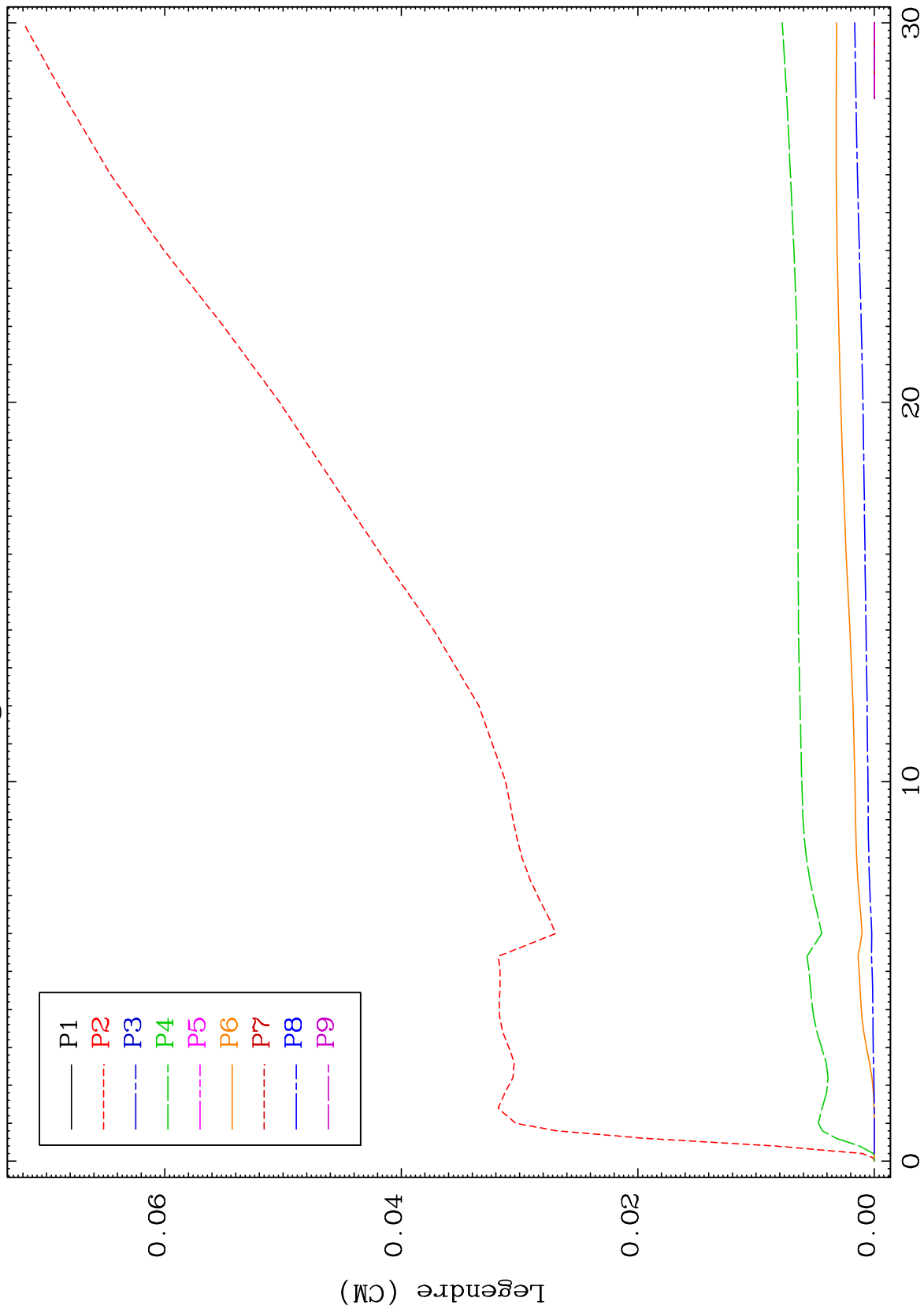




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Elastic Legendre Coefficients

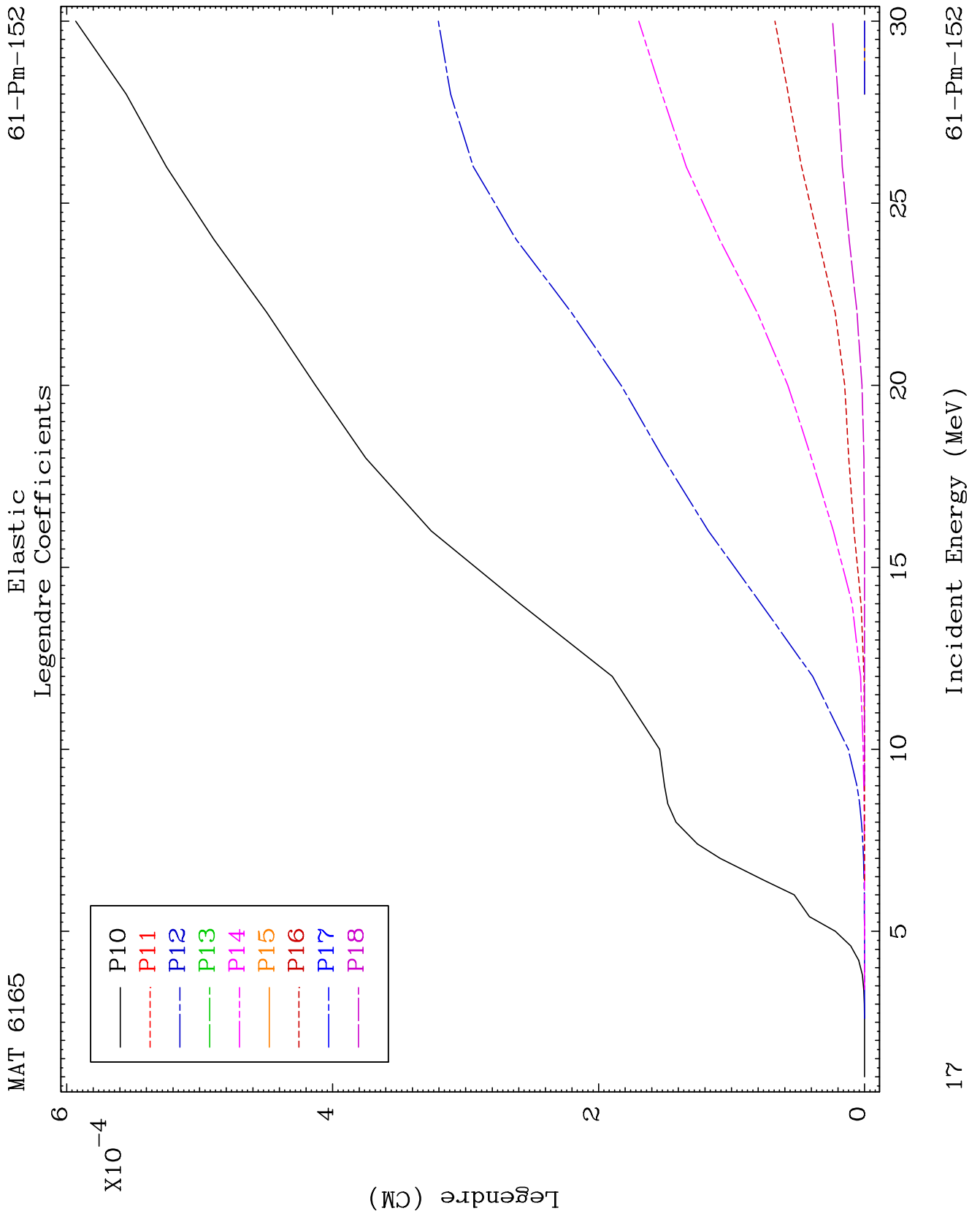
61-Pm-152



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Incident Energy (MeV)

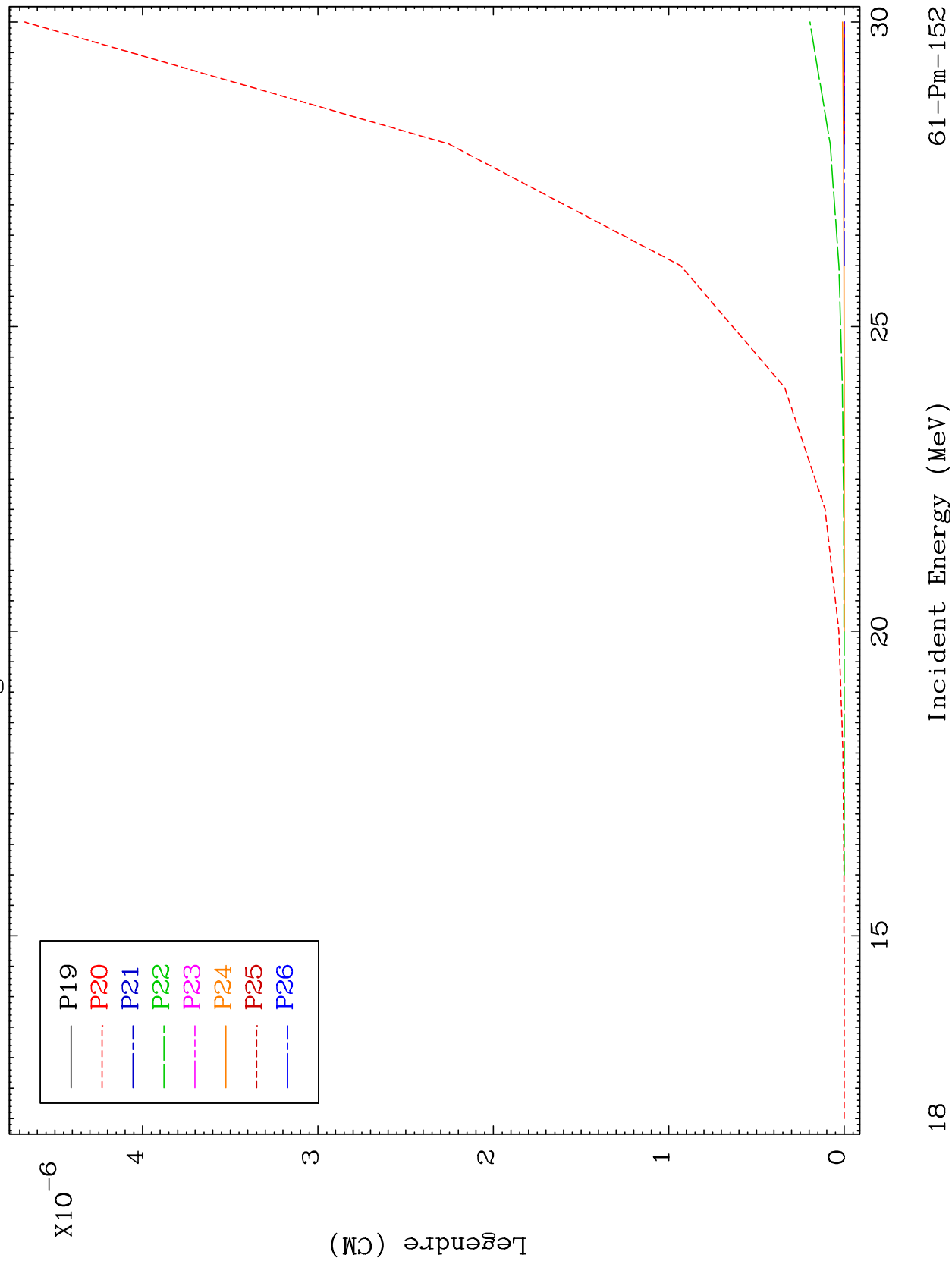
61-Pm-152



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Elastic  
Legendre Coefficients

61-Pm-152



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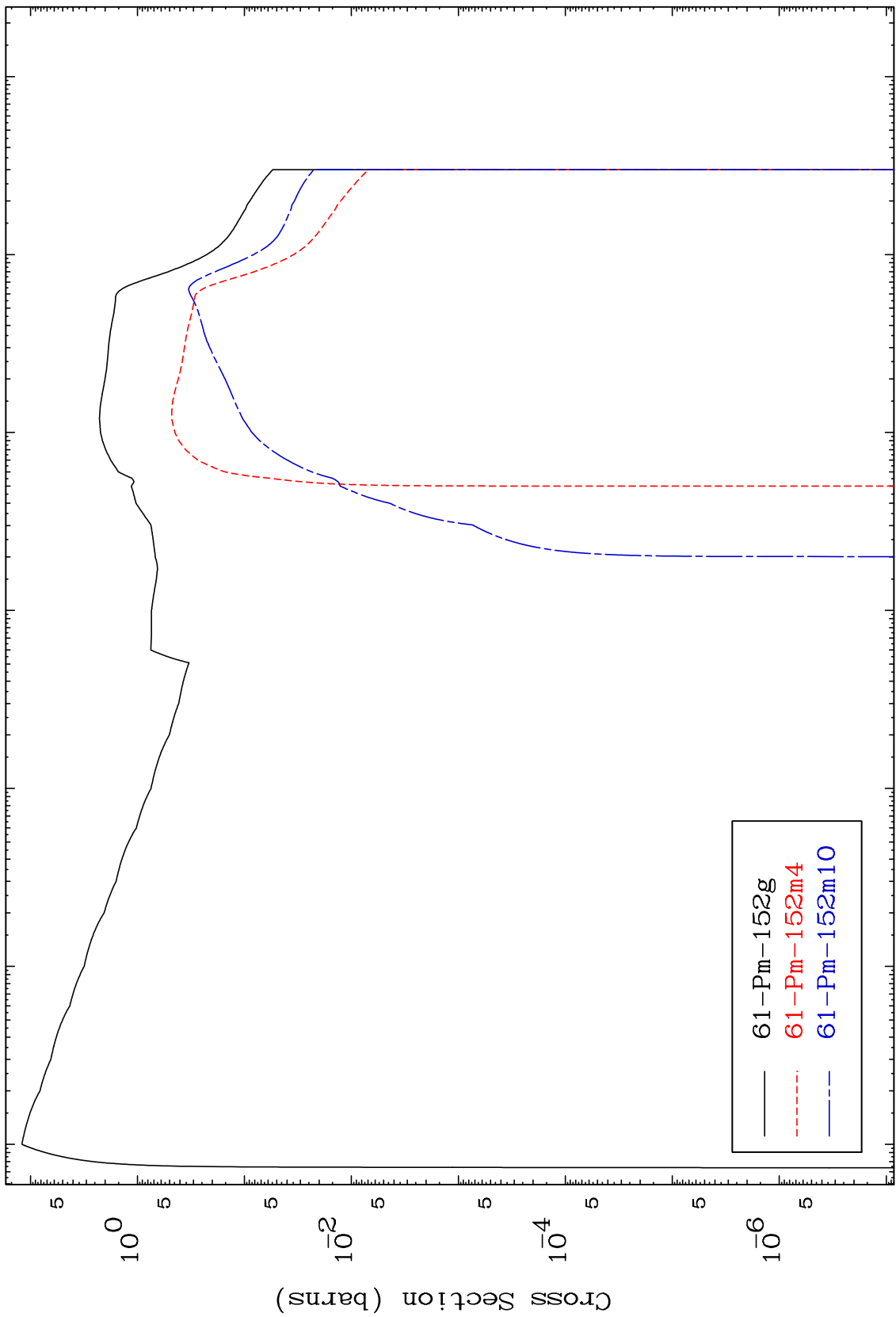
Incident Energy (MeV)

61-Pm-152

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61-Pm-152

Inelastic  
Radionuclide Production Cross Section



61-Pm-152

Incident Energy (MeV)

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(n,n')  $\alpha$

61-Pm-152

Radionuclide Production Cross Section

