

Program EVALPLOT  
(Version 2021-1)

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

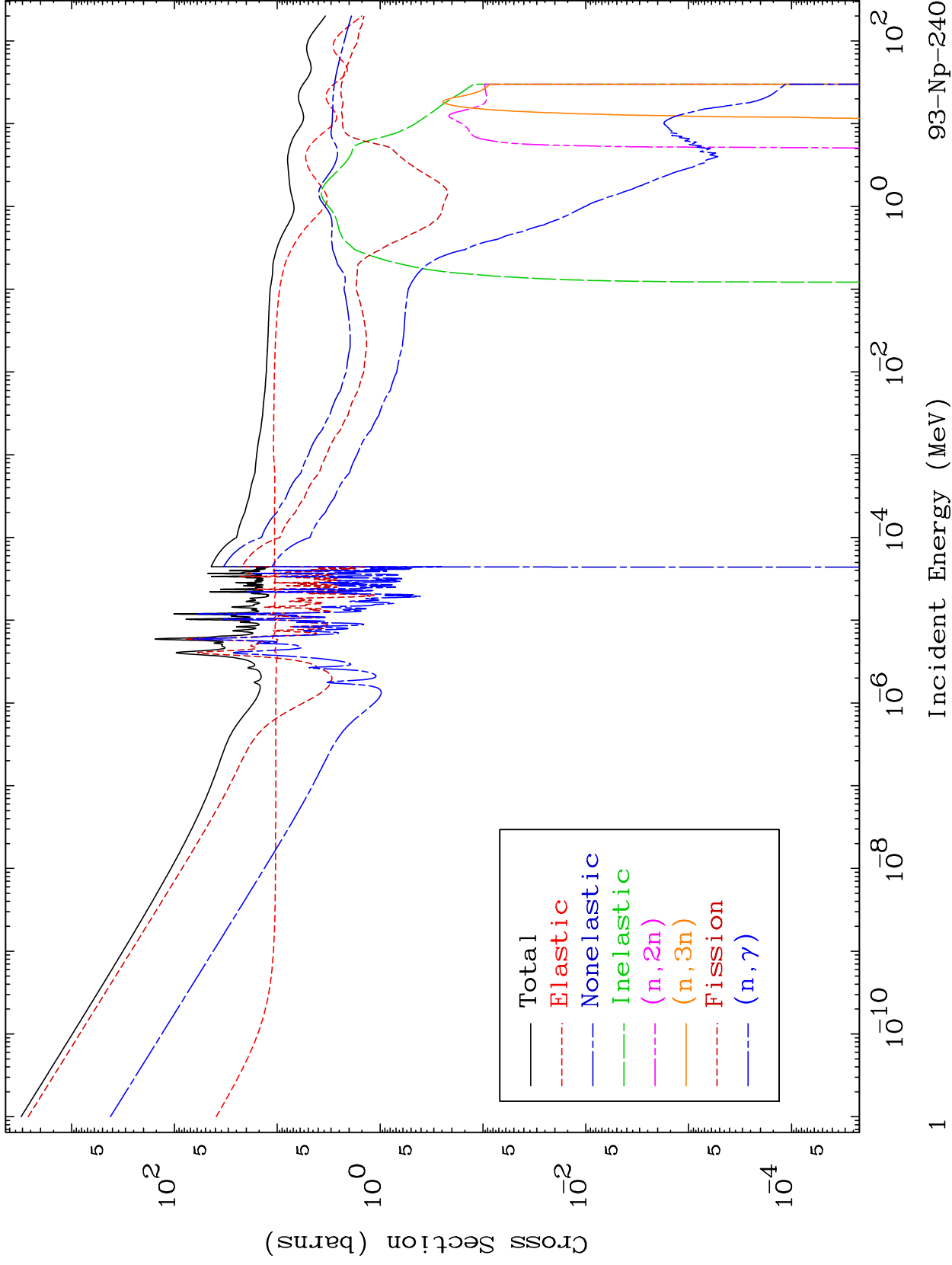
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9355

Neutron Major  
293 Kelvin Cross Sections

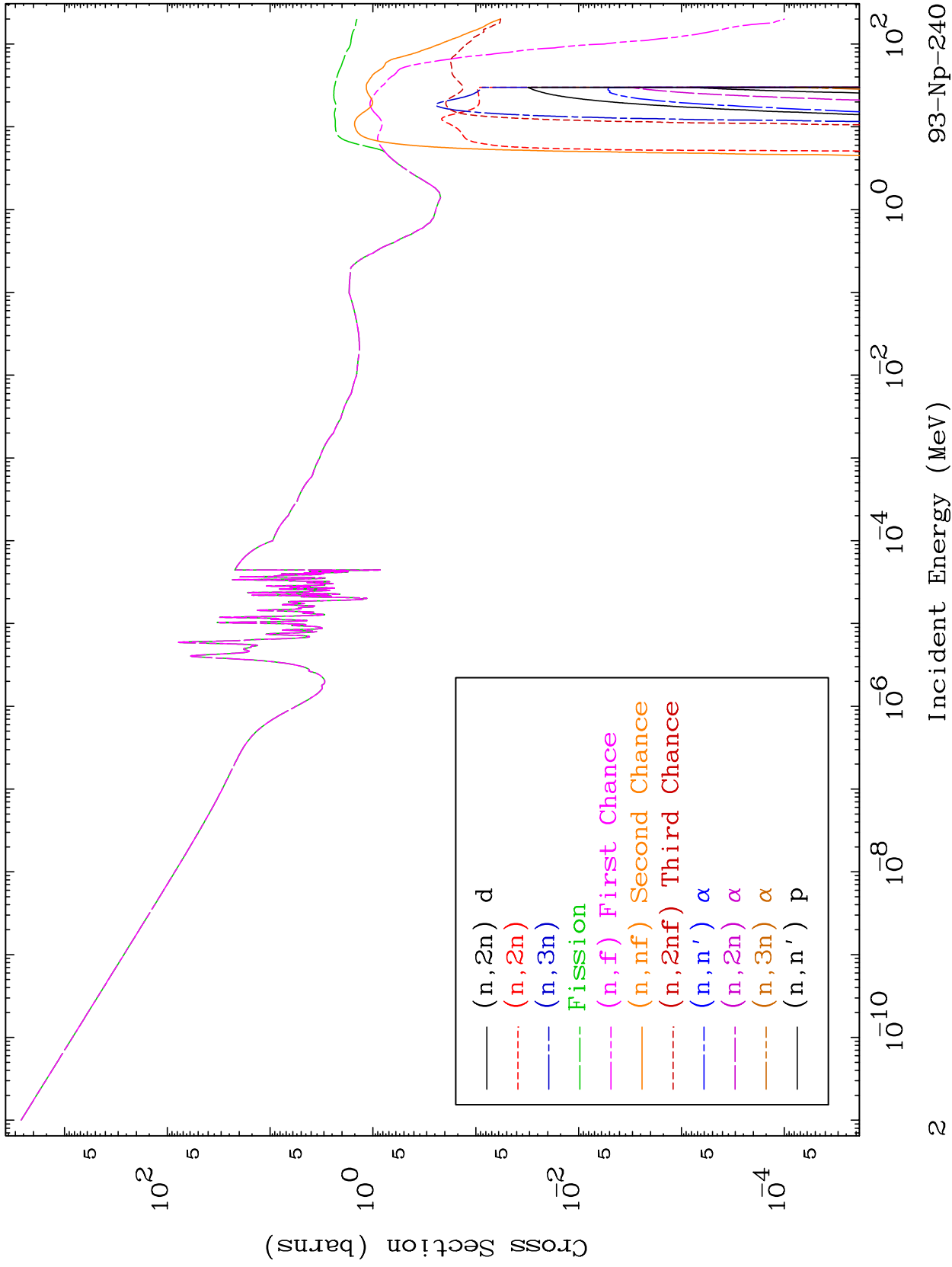
93-Np-240



MAT 9355

Neutron Absorption  
293 Kelvin Cross Sections

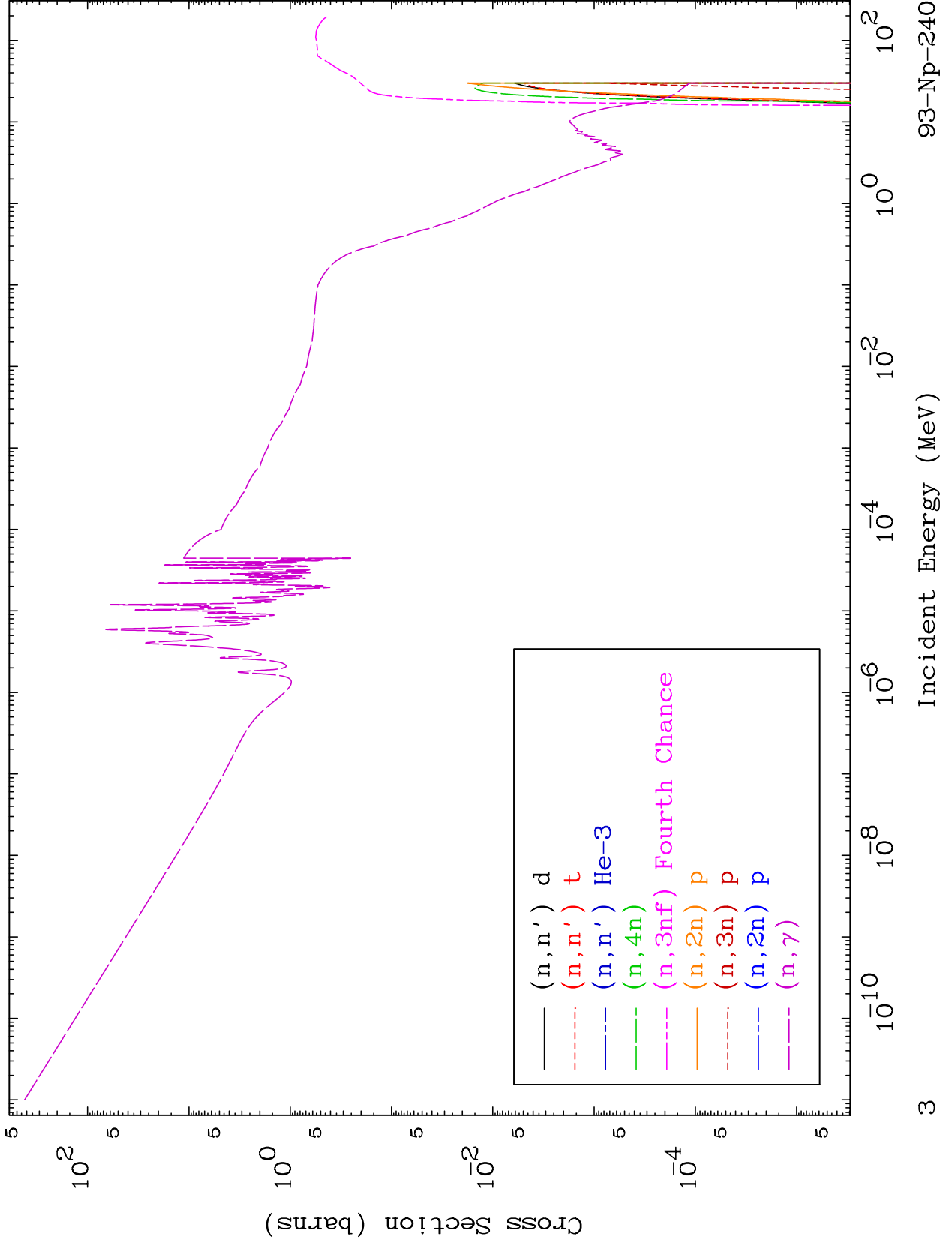
93-Np-240



MAT 9355

Neutron Absorption  
293 Kelvin Cross Sections

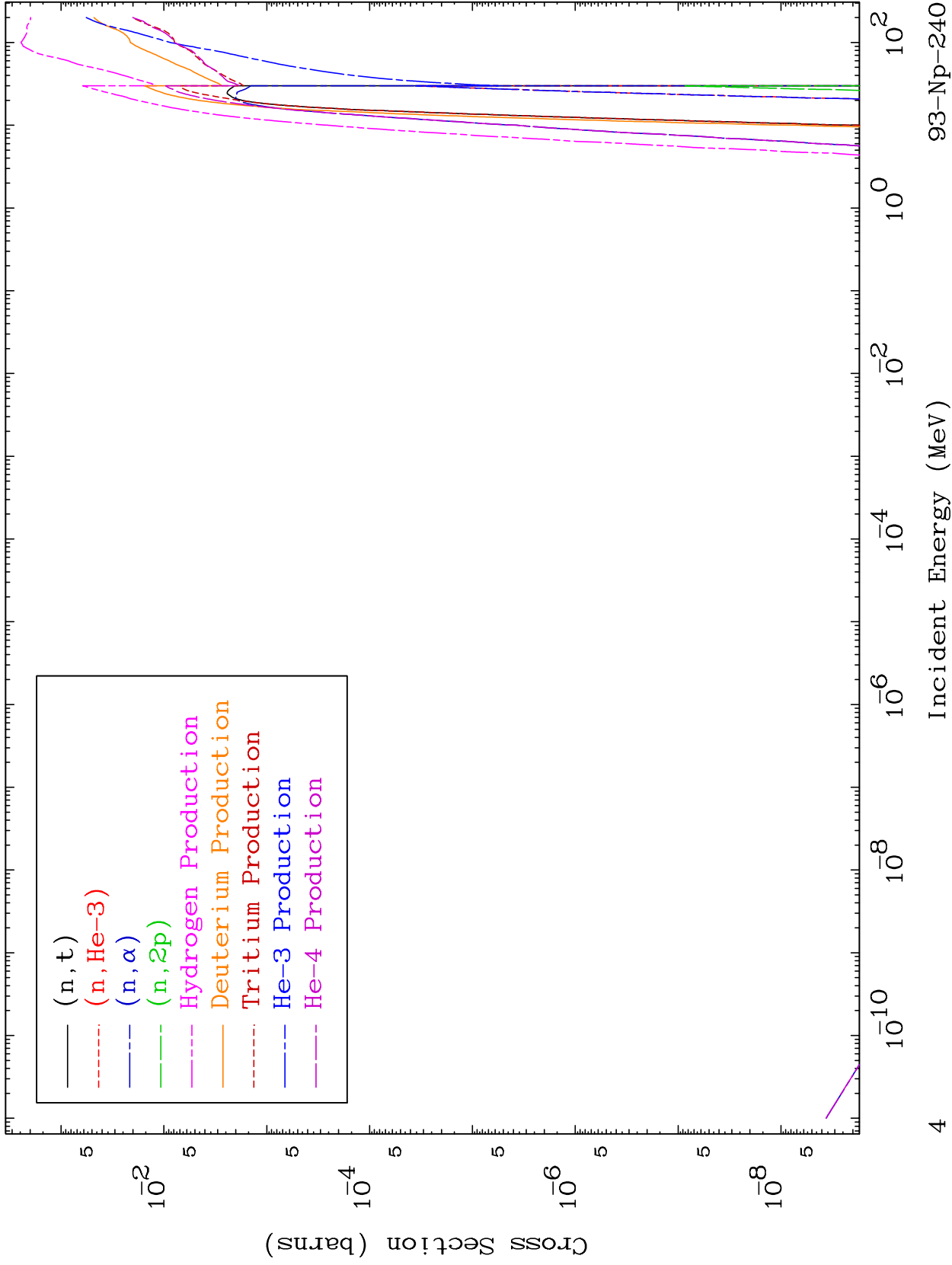
93-Np-240



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Neutron Absorption  
293 Kelvin Cross Sections

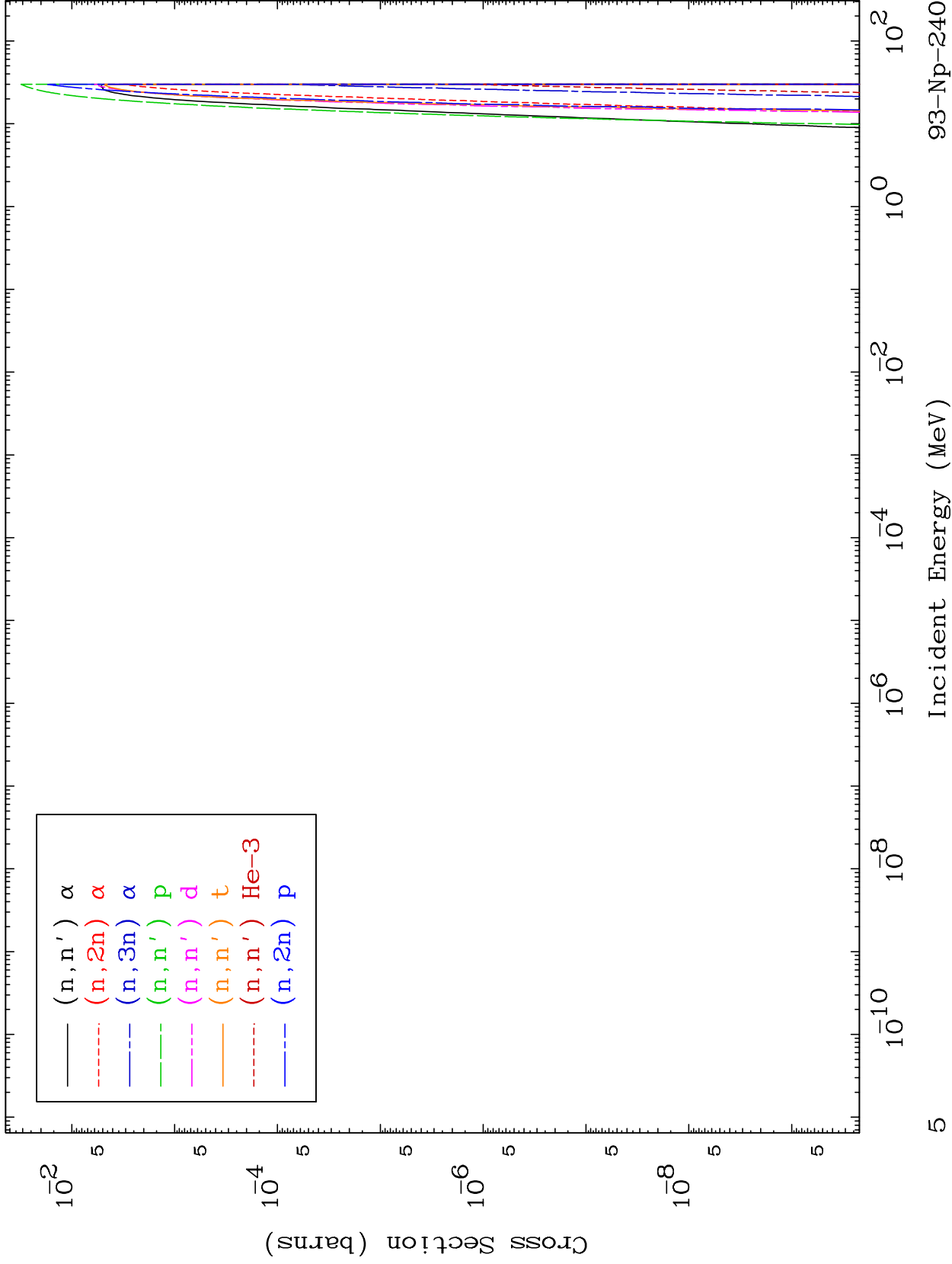
93-Np-240



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Charged Particle  
293 Kelvin Cross Sections

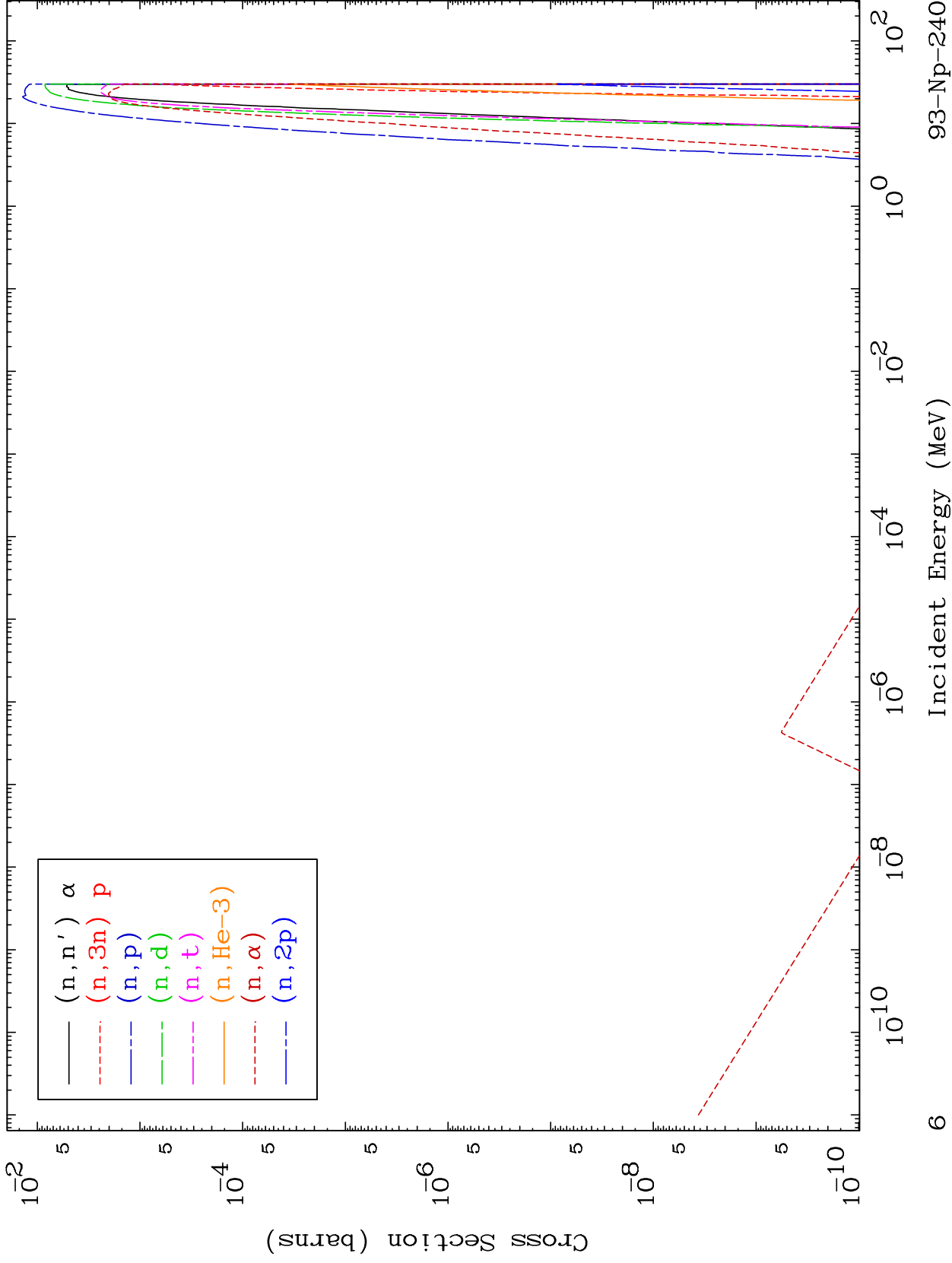
93-Np-240



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Charged Particle  
293 Kelvin Cross Sections

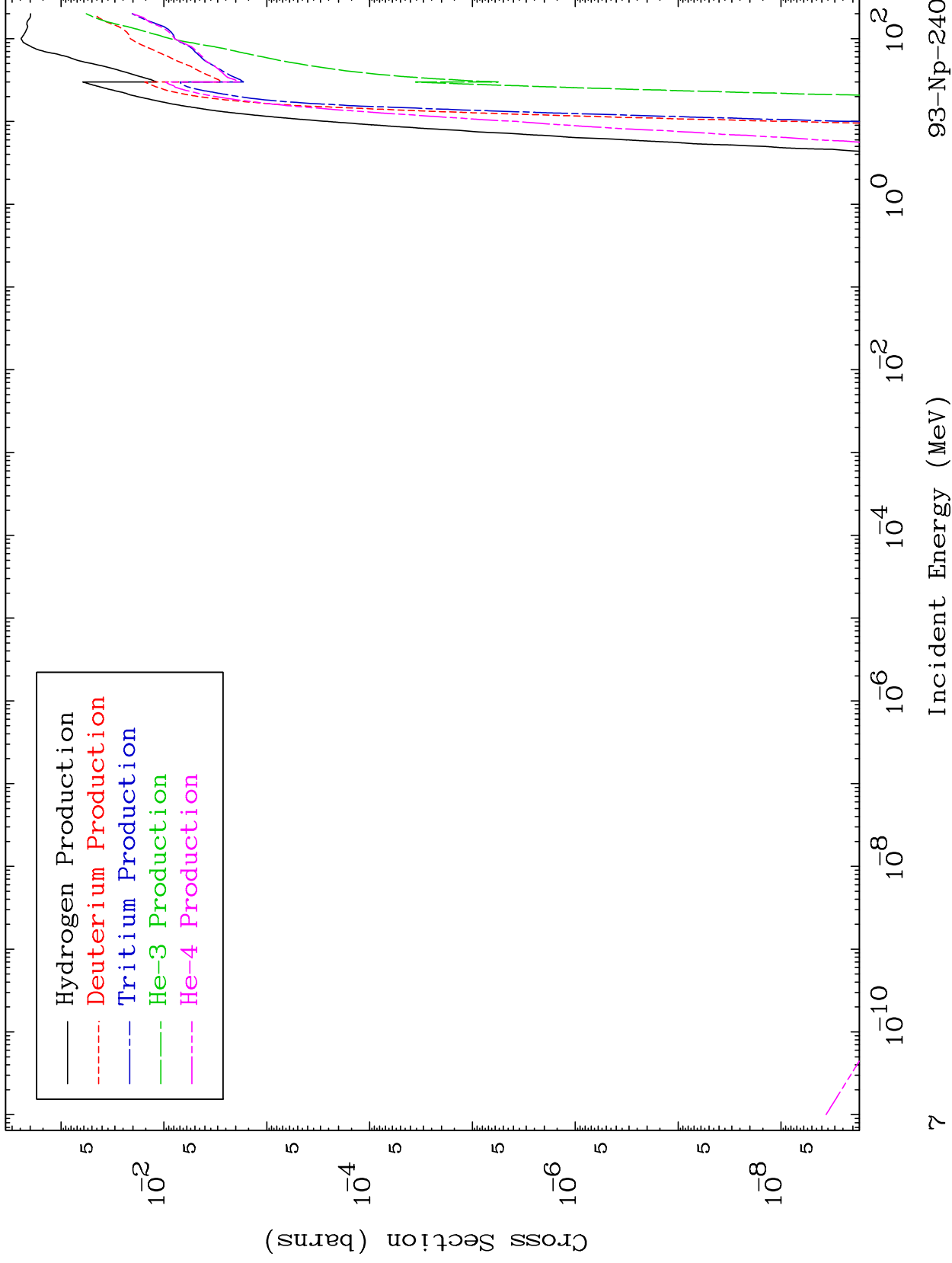
93-Np-240



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Particle Production  
293 Kelvin Cross Sections

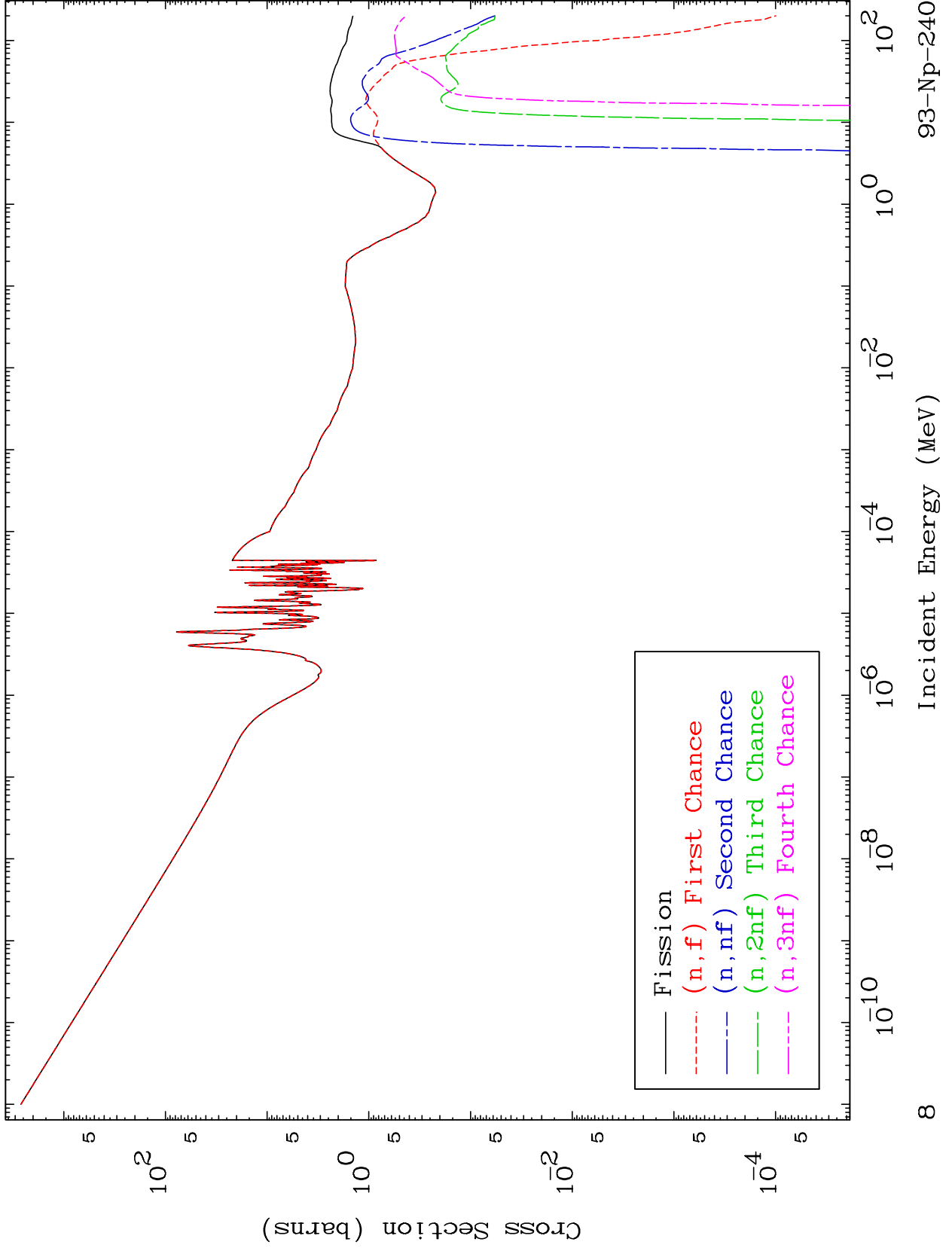
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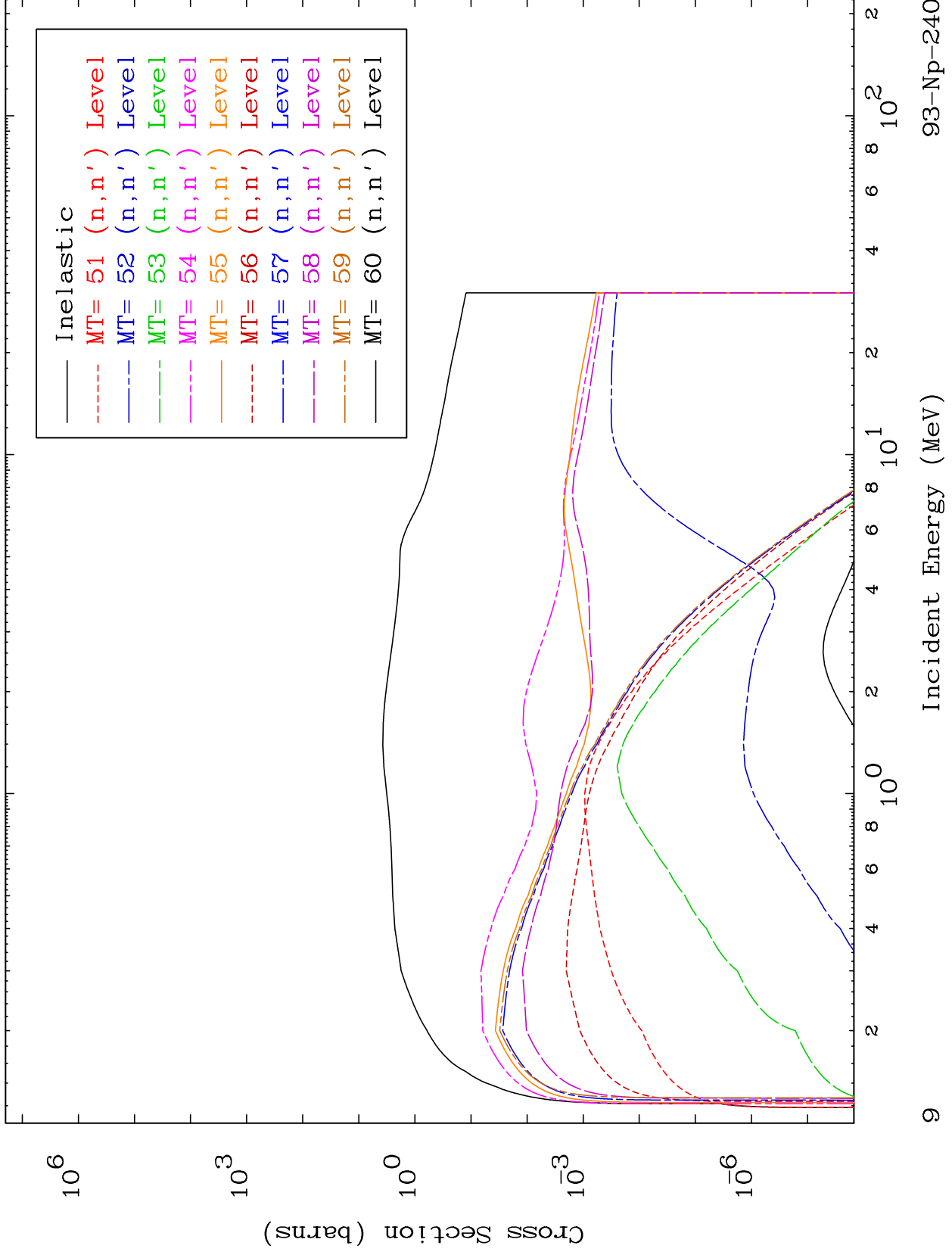


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Fission  
293 Kelvin Cross Sections

93-Np-240



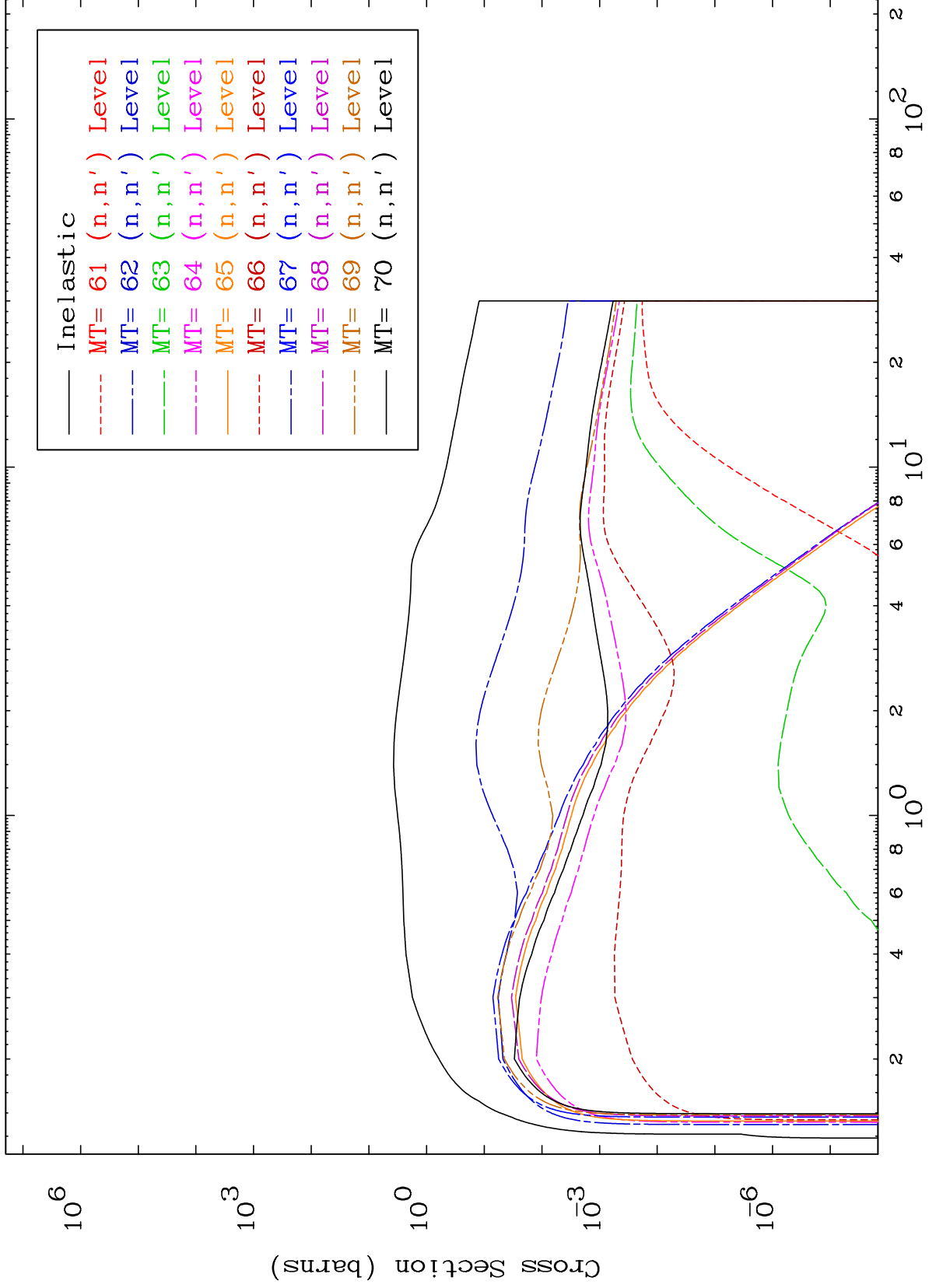


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(n,n') Levels

93-Np-240

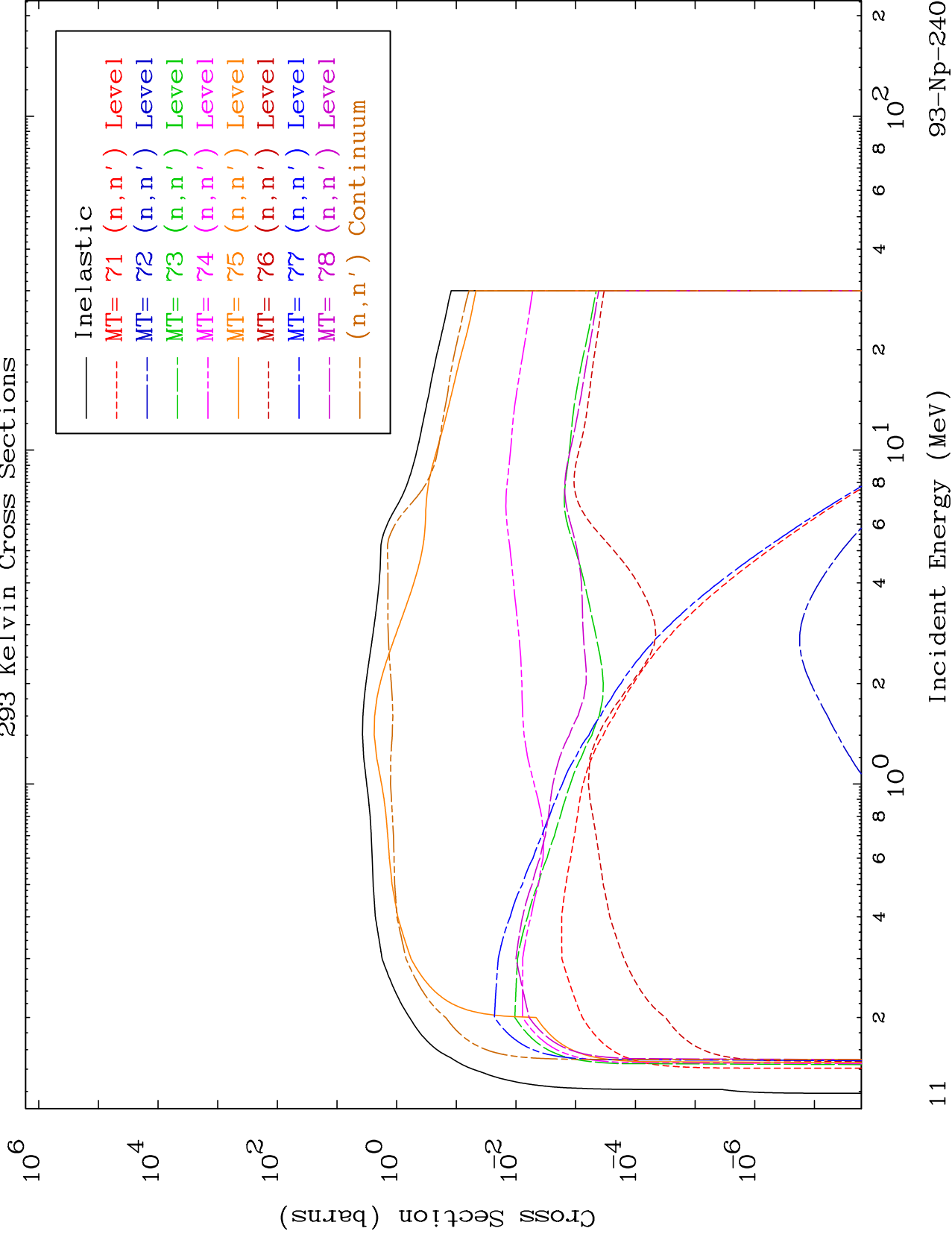
293 Kelvin Cross Sections



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Incident Energy (MeV)

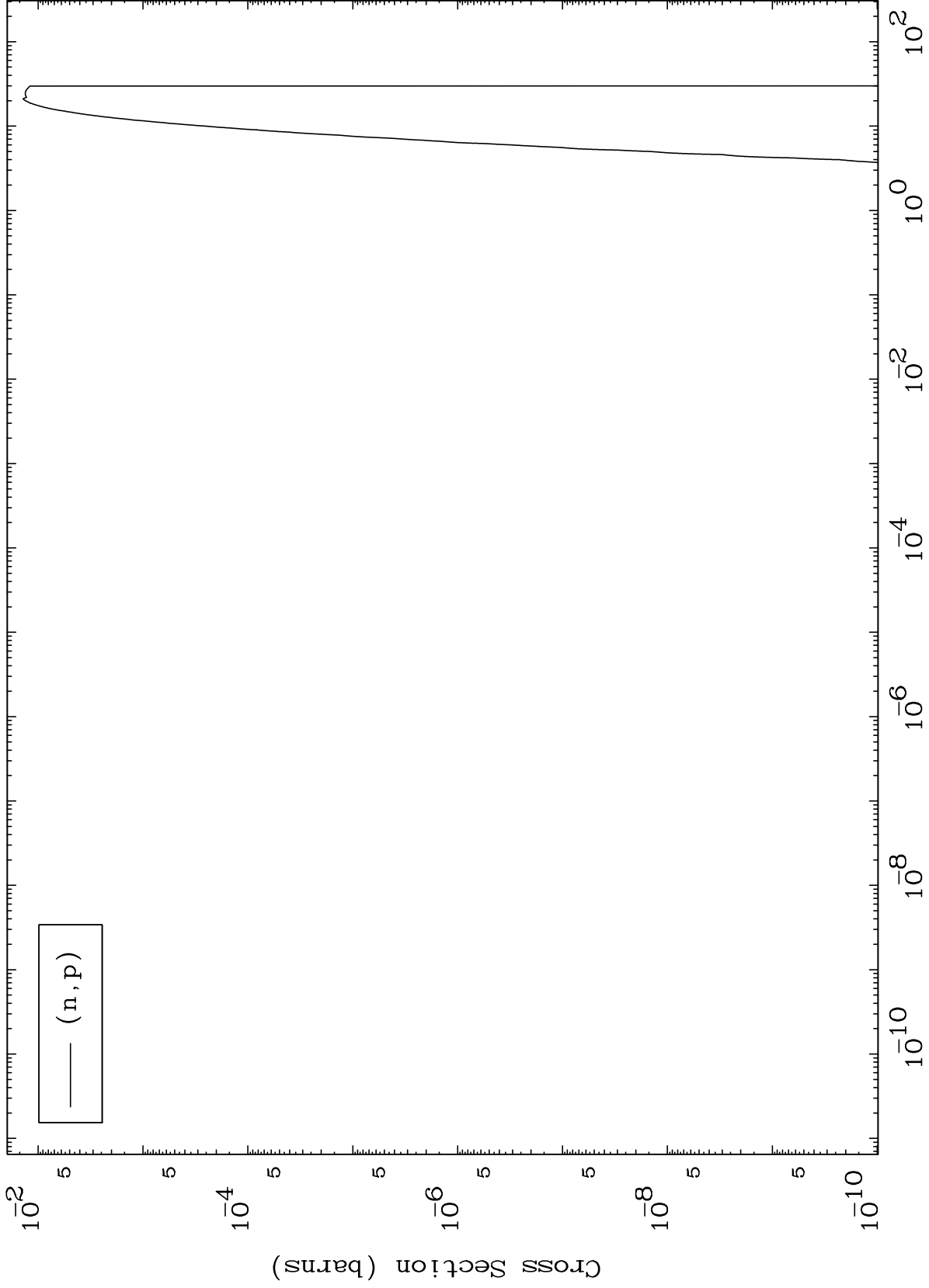
93-Np-240



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(n,p) Levels  
293 Kelvin Cross Sections

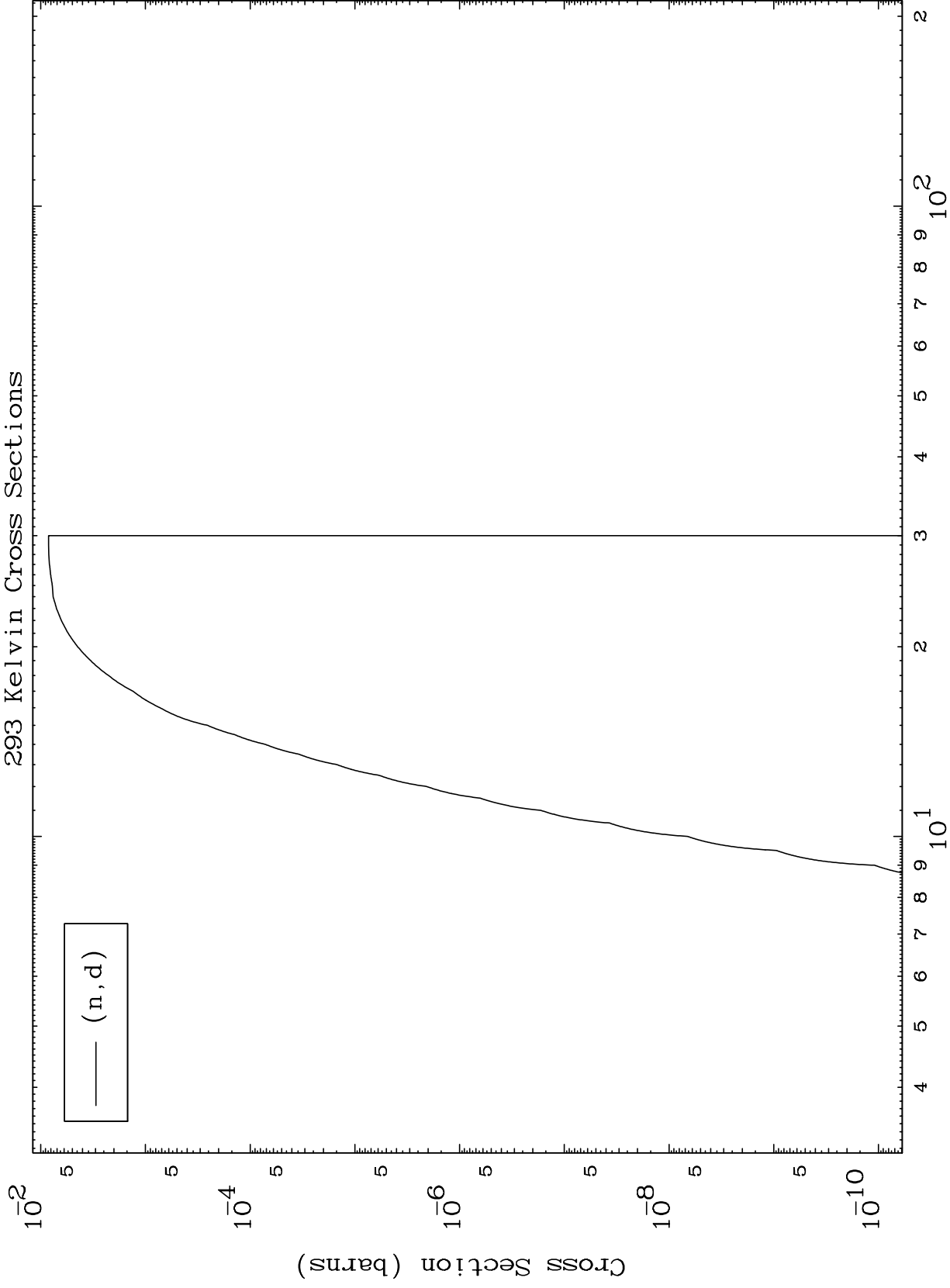
93-Np-240



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(n,d) Levels  
293 Kelvin Cross Sections

93-Np-240



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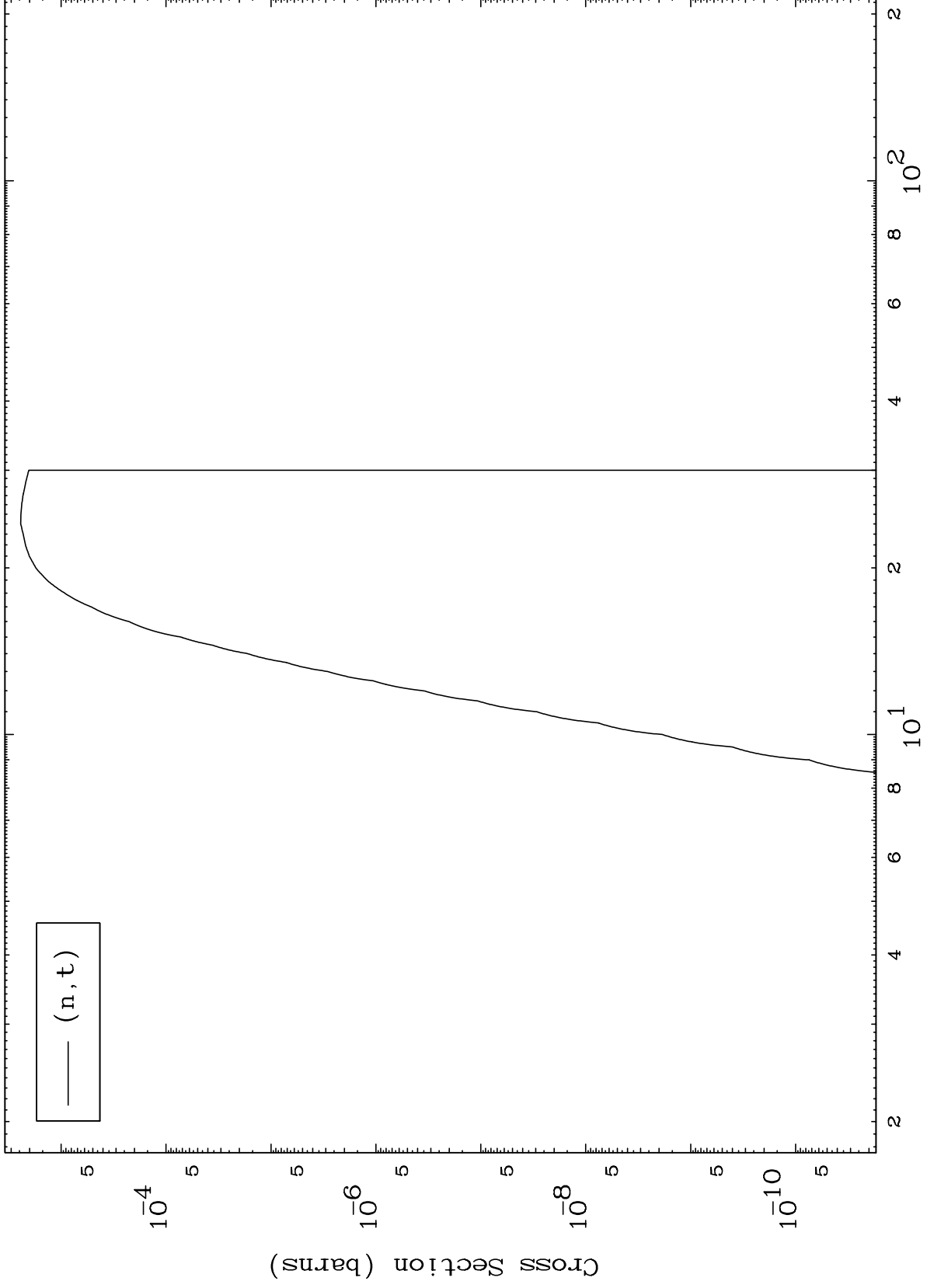
Incident Energy (MeV)

93-Np-240

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(n,t) Levels  
293 Kelvin Cross Sections

93-Np-240



14

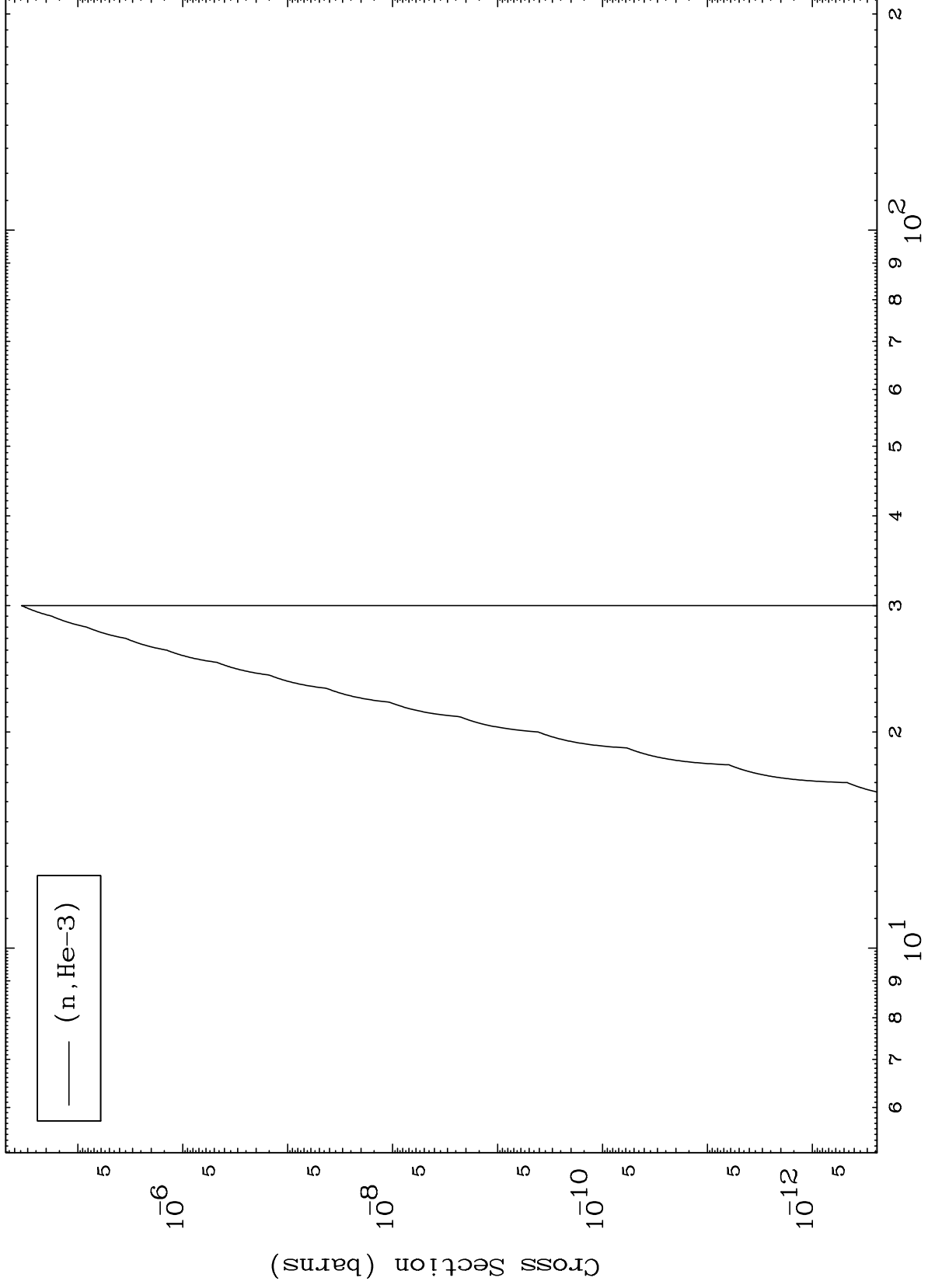
Incident Energy (MeV)

93-Np-240

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(n,He3) Levels  
293 Kelvin Cross Sections

93-Np-240



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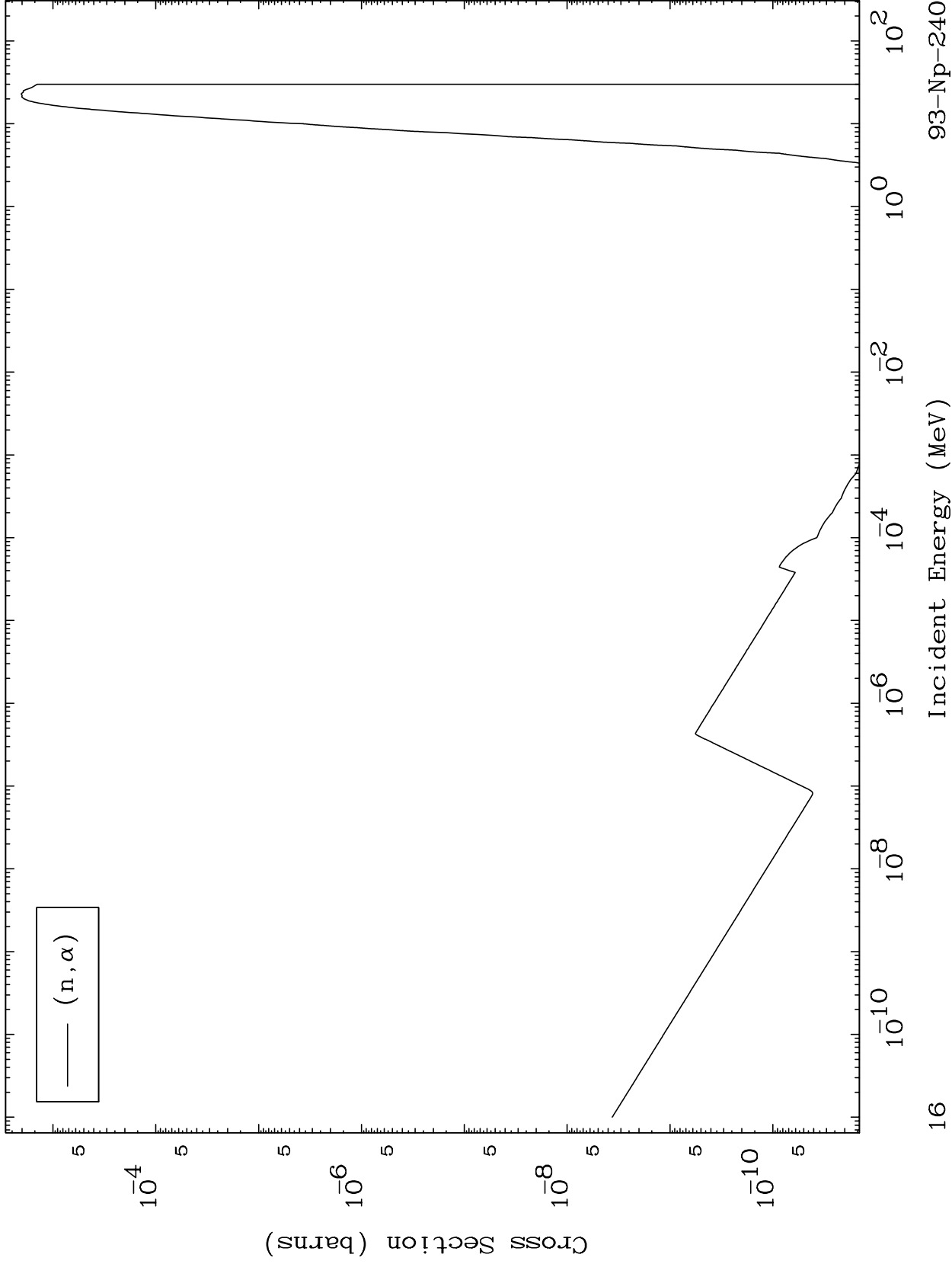
Incident Energy (MeV)

93-Np-240

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

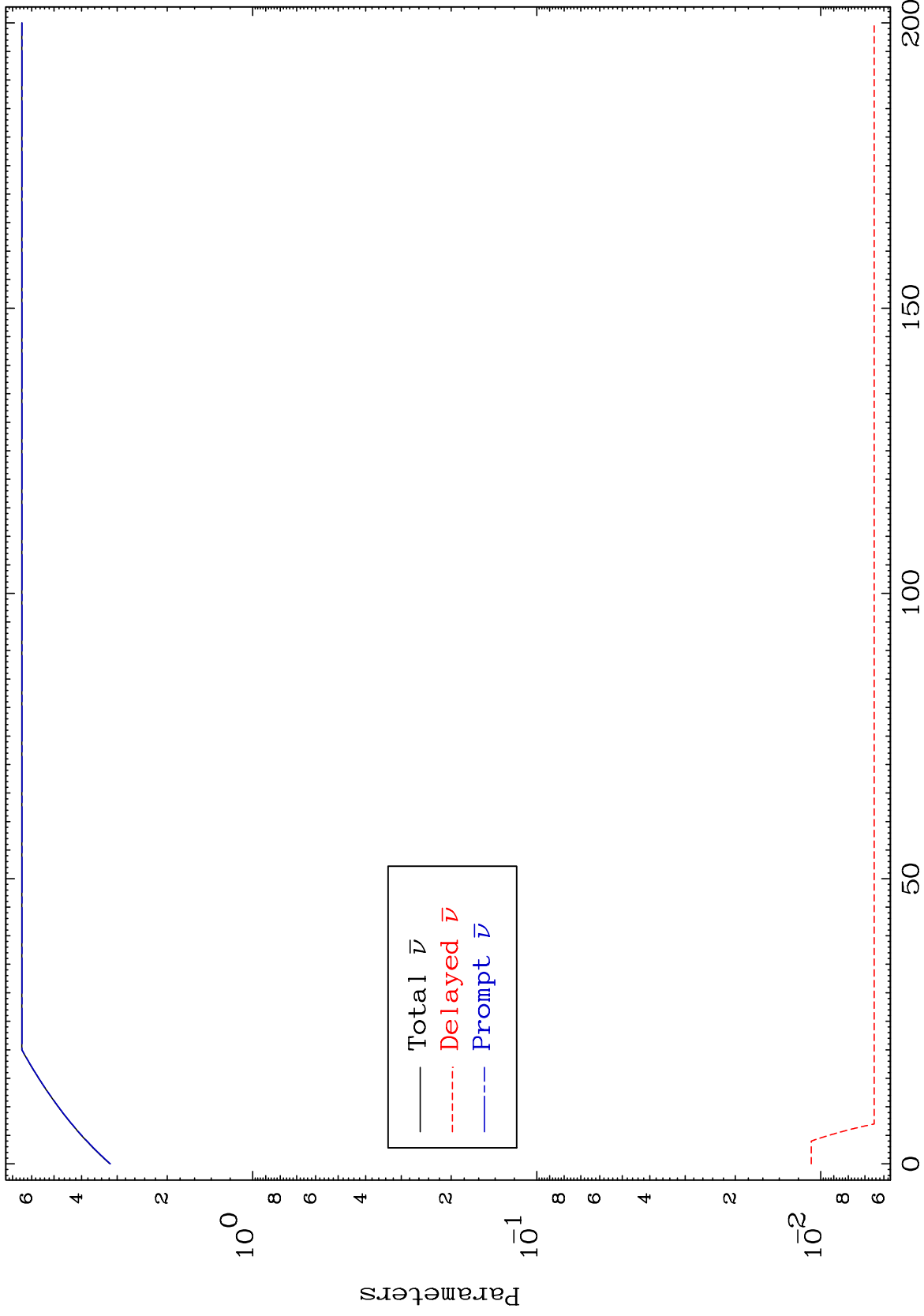
93-Np-240



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Energy Release  
Parameters

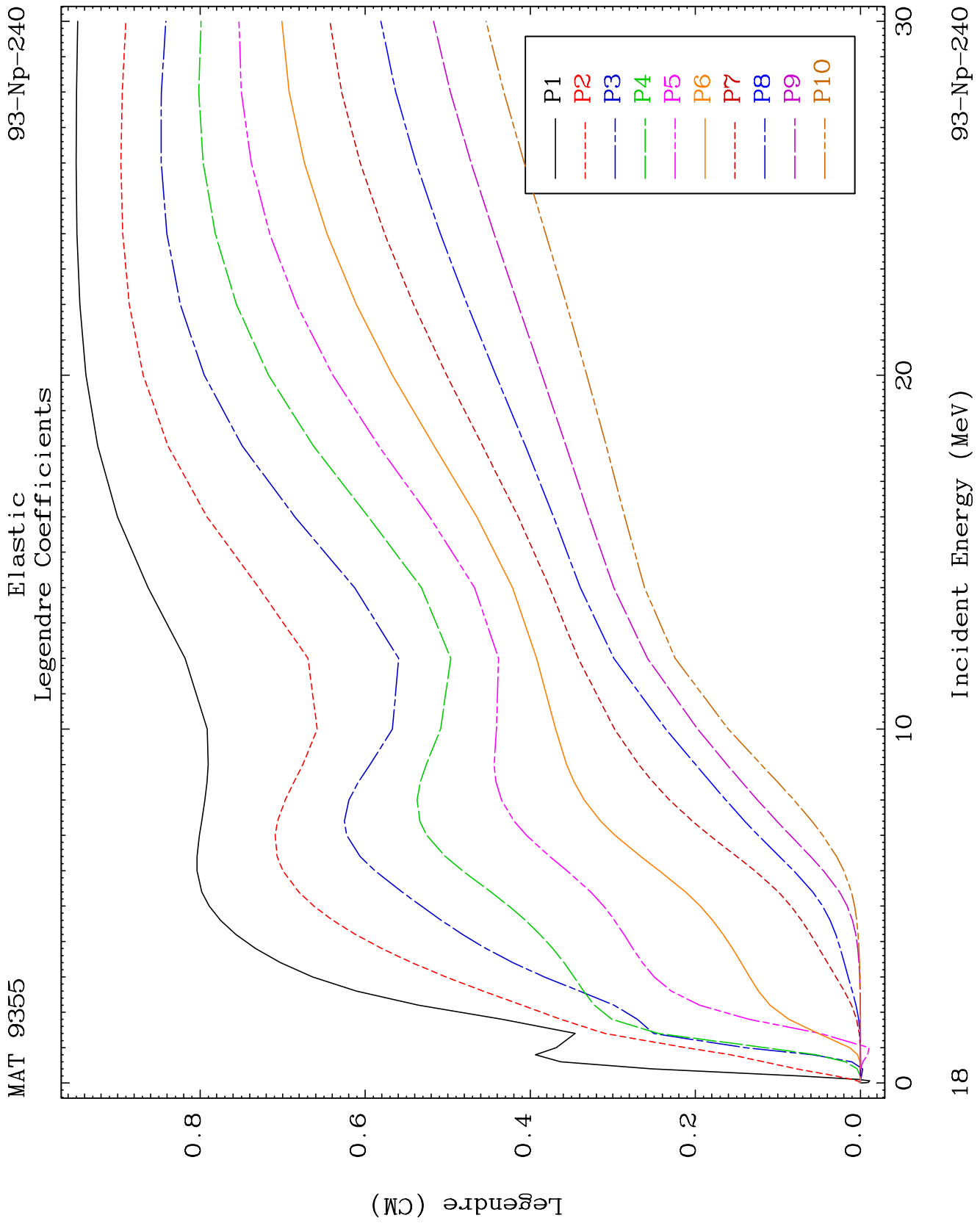
93-Np-240



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Incident Energy (MeV)

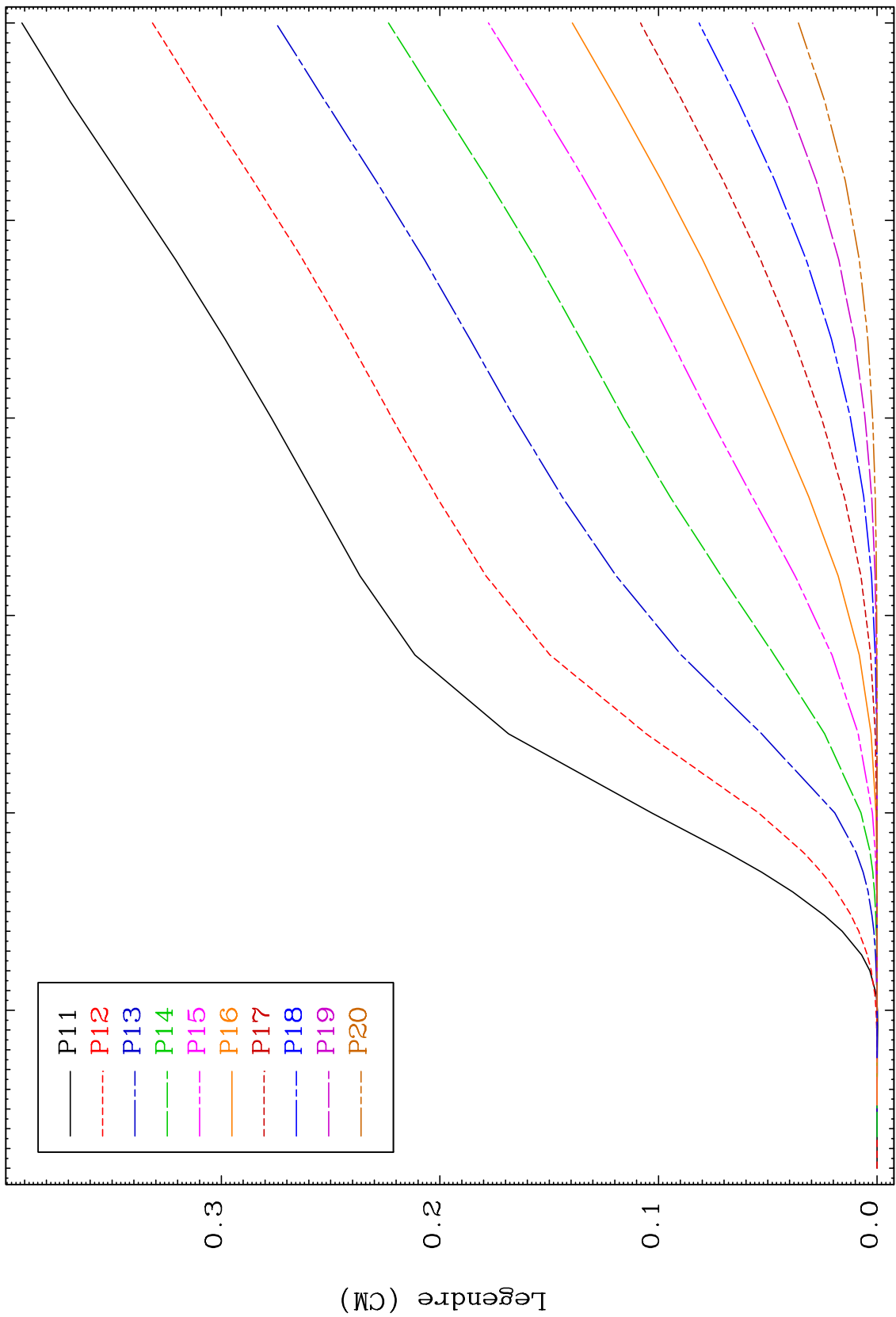
93-Np-240



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Elastic Legendre Coefficients

<sup>93</sup>Np-240



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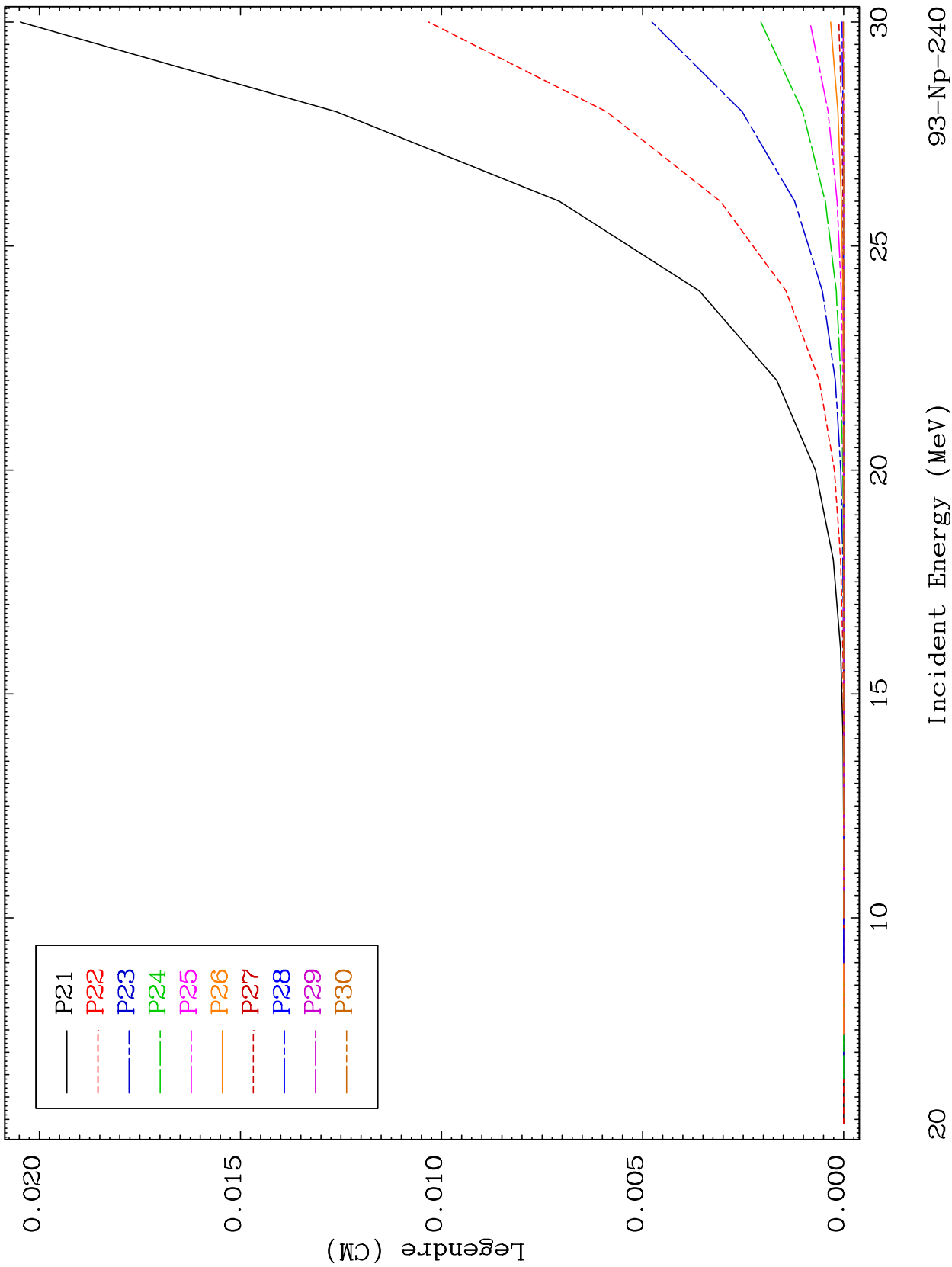
Incident Energy (MeV)

<sup>93</sup>Np-240

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Elastic Legendre Coefficients

93-Np-240



20

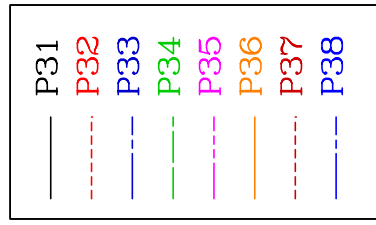
Incident Energy (MeV)

93-Np-240

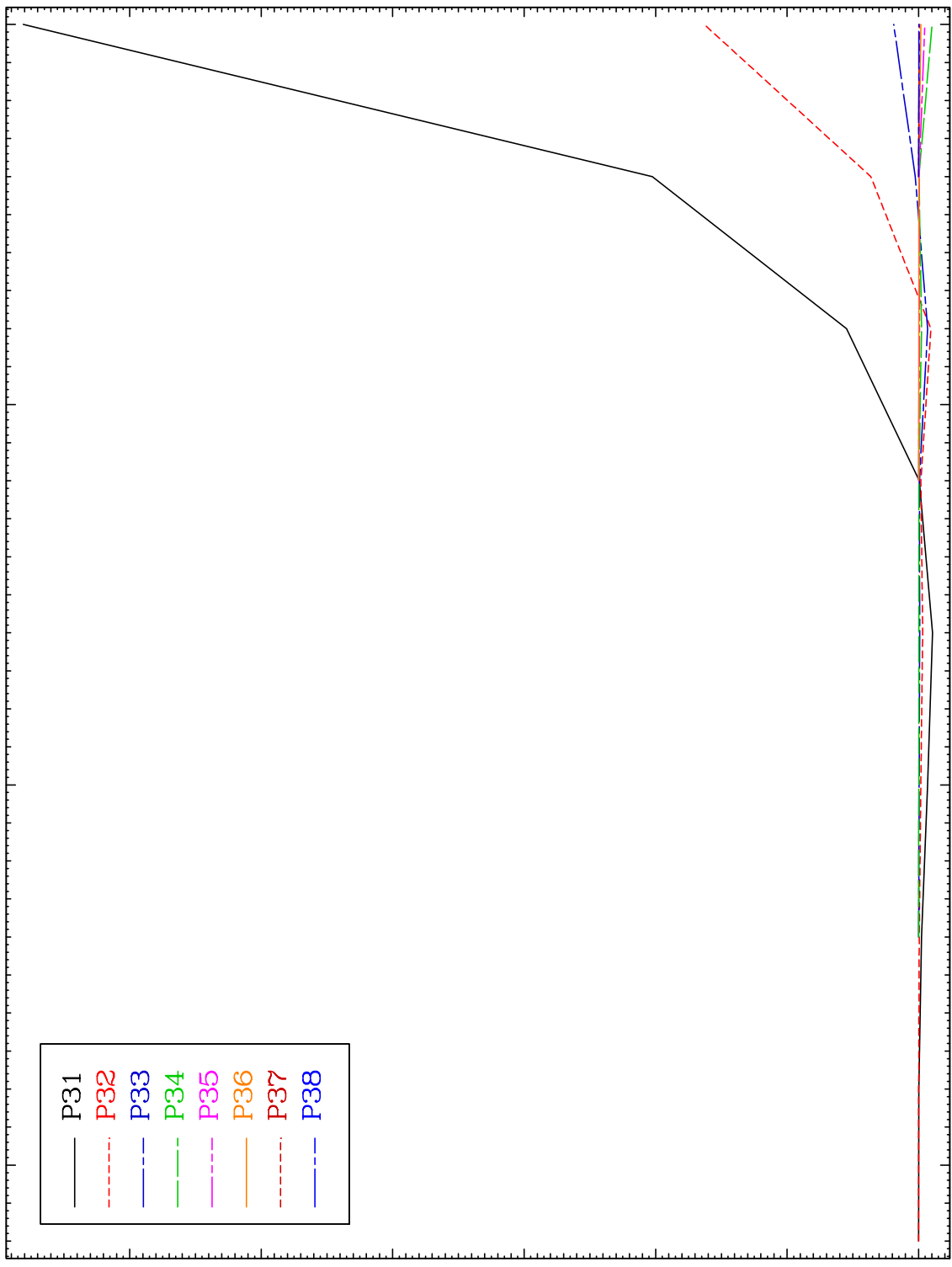
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Elastic Legendre Coefficients

93-Np-240



Legendre (CM)  $\times 10^{-6}$

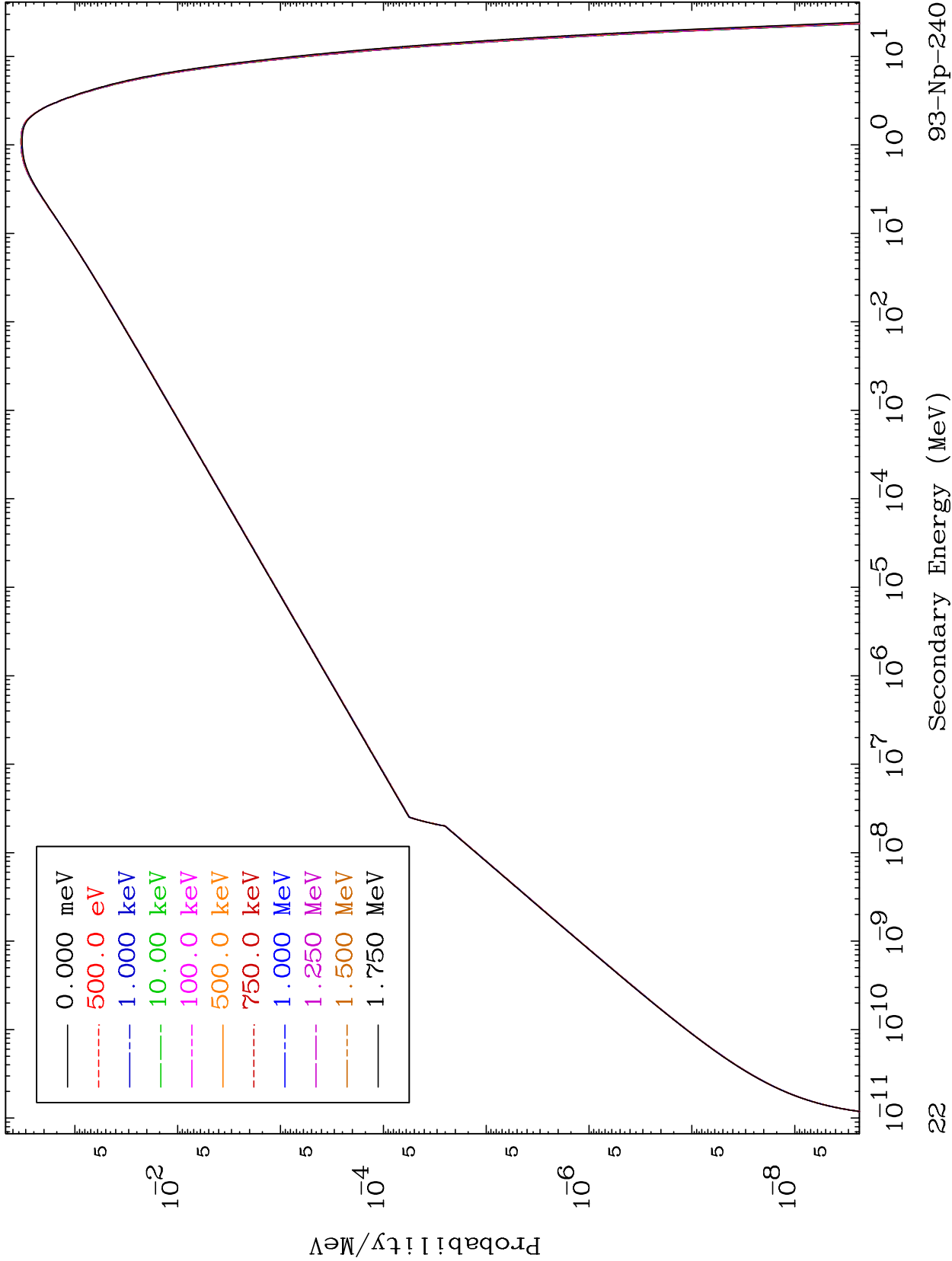


Incident Energy (MeV) 93-Np-240

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### Fission Energy Distributions

<sup>93</sup>Np-240

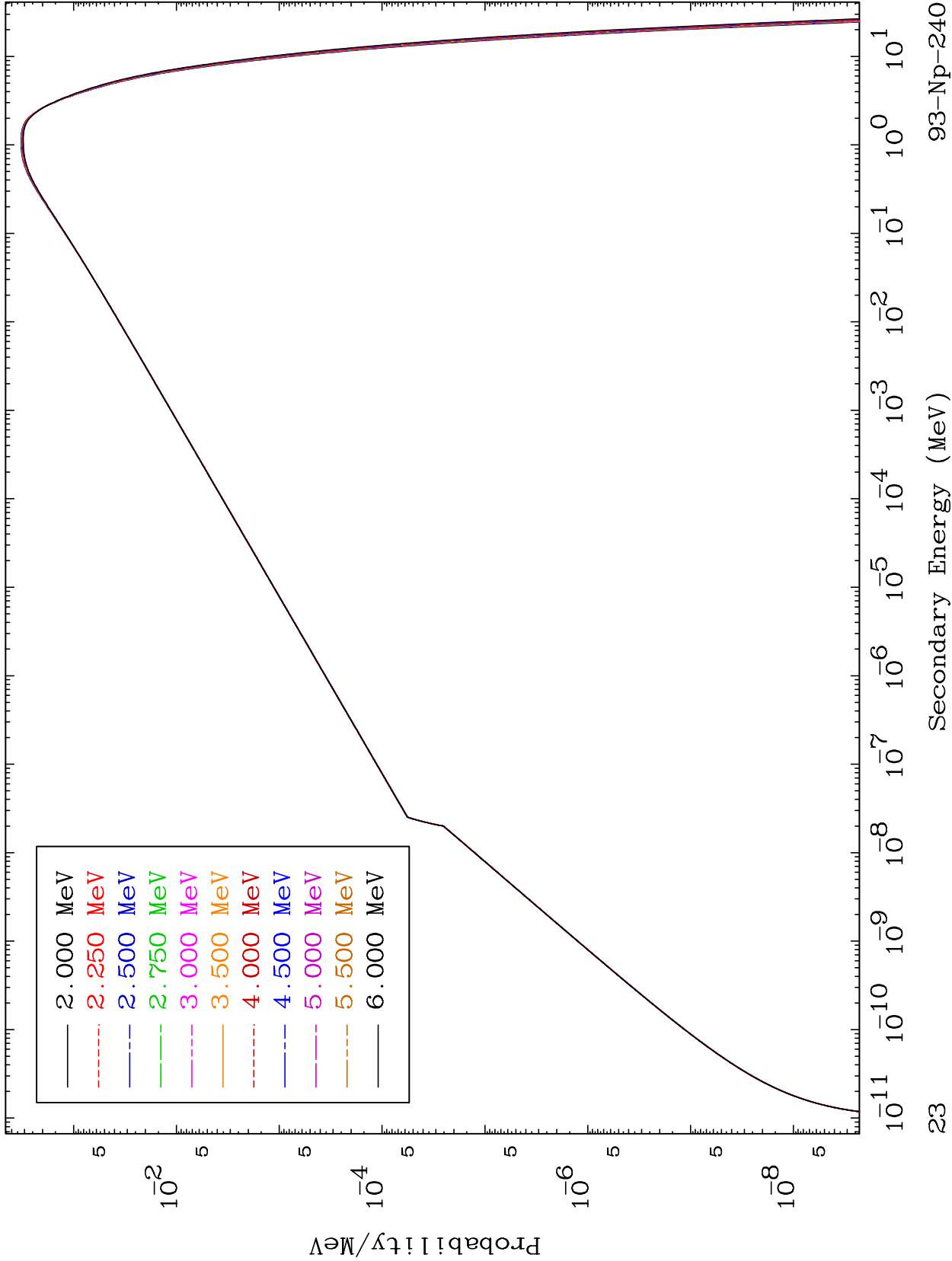


<sup>93</sup>Np-240

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### Fission Energy Distributions

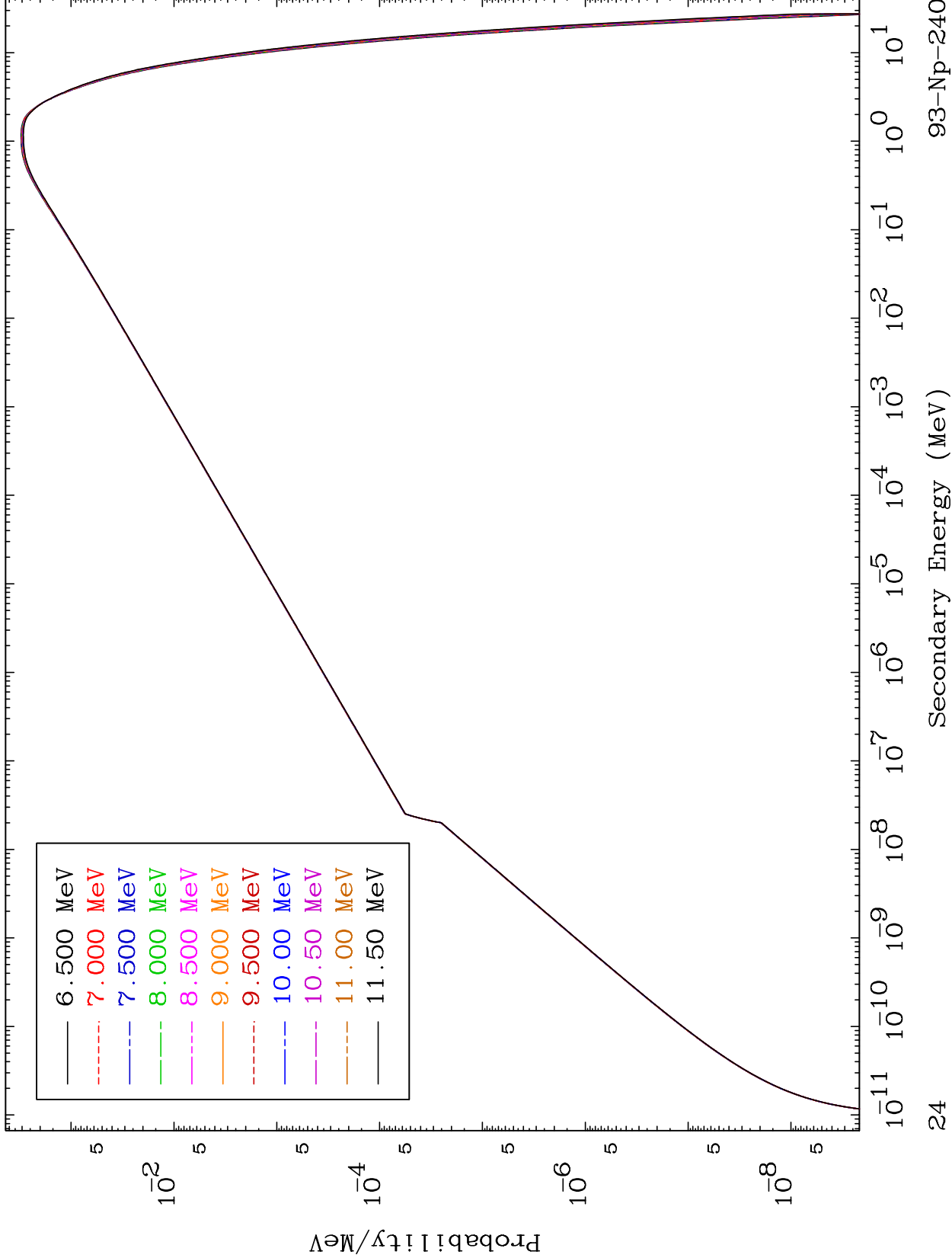
93-Np-240



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### Fission Energy Distributions

93-Np-240



93-Np-240

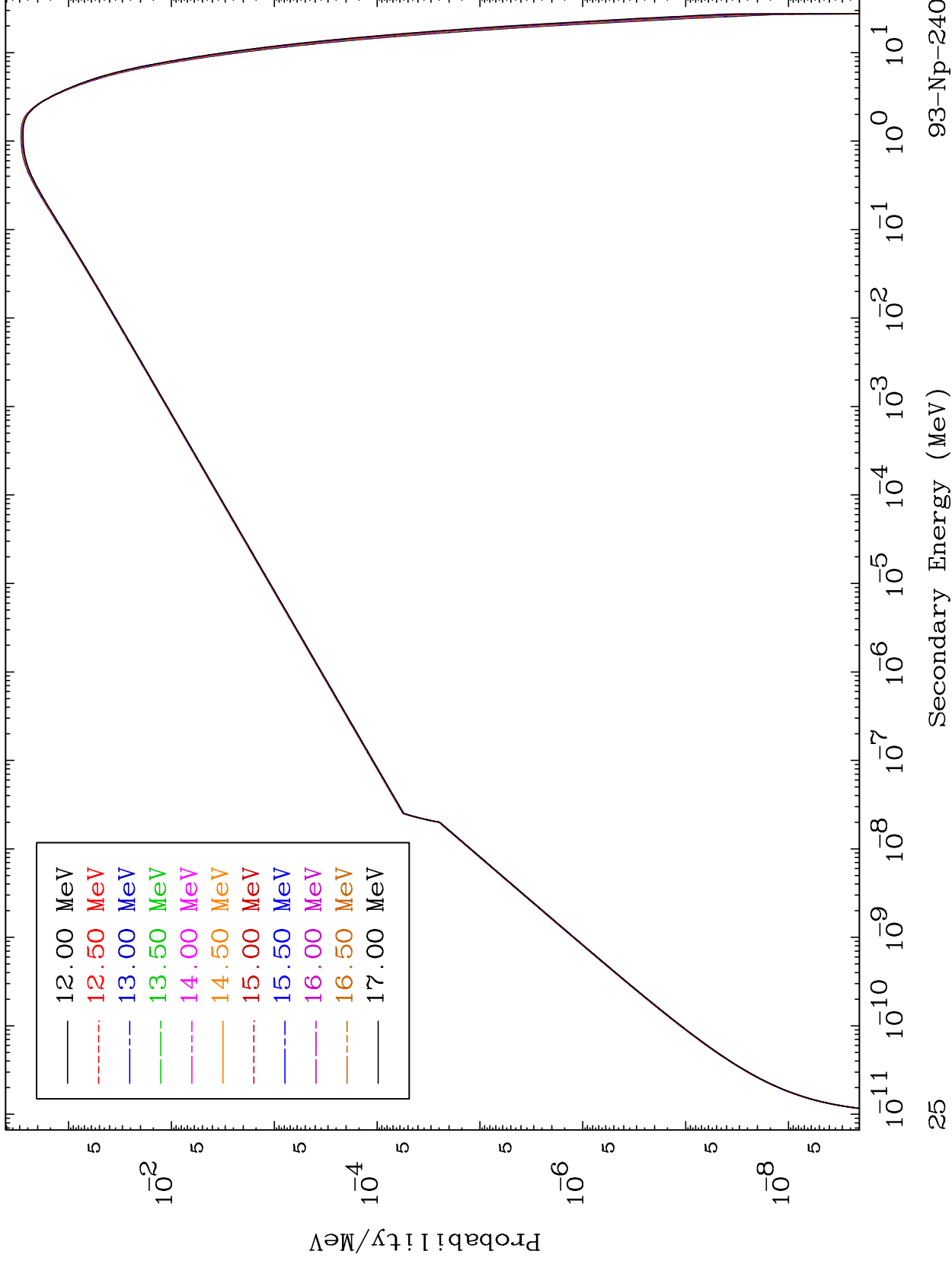
Secondary Energy (MeV)

24

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### Fission Energy Distributions

93-Np-240



93-Np-240

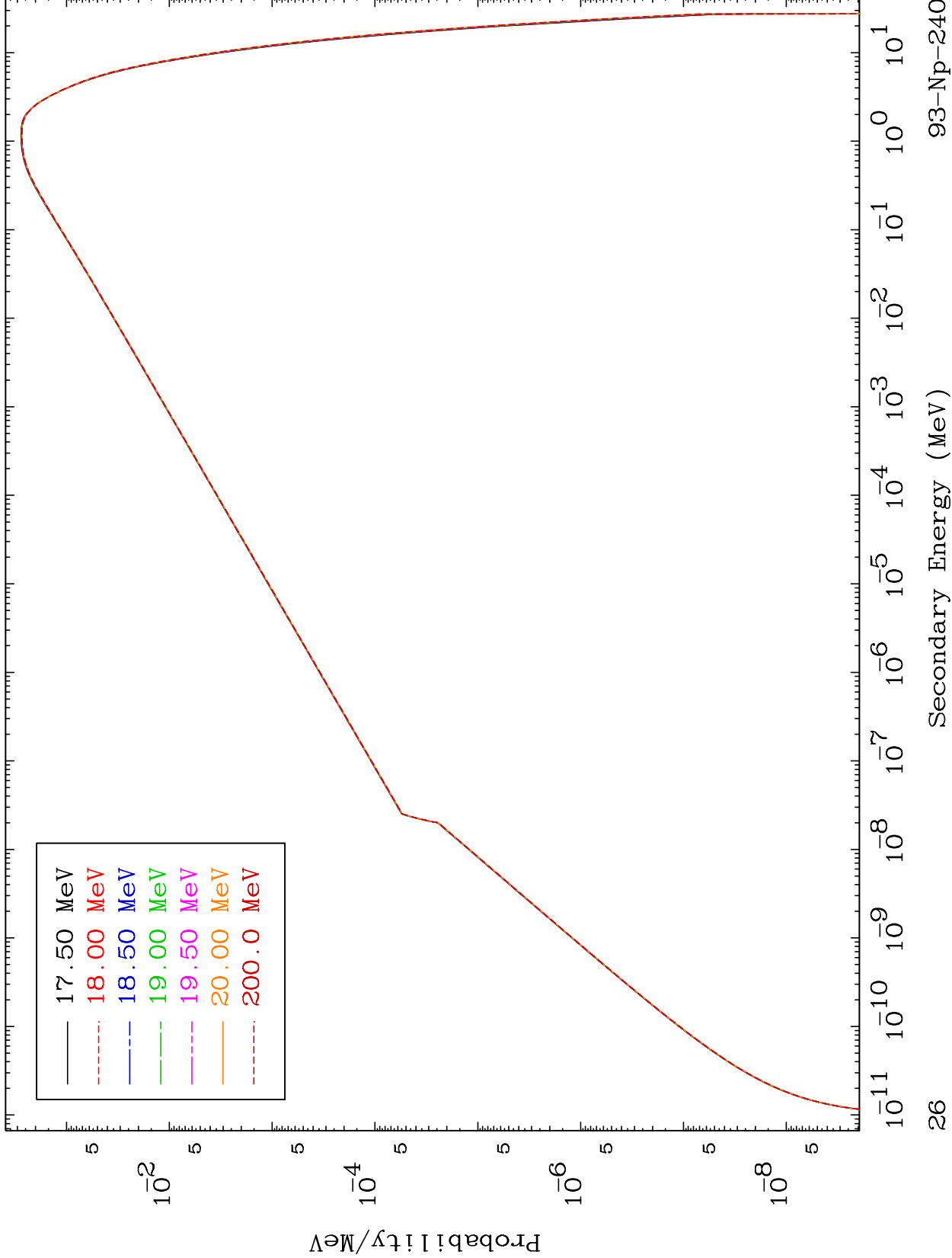
Secondary Energy (MeV)

25

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### Fission Energy Distributions

93-Np-240

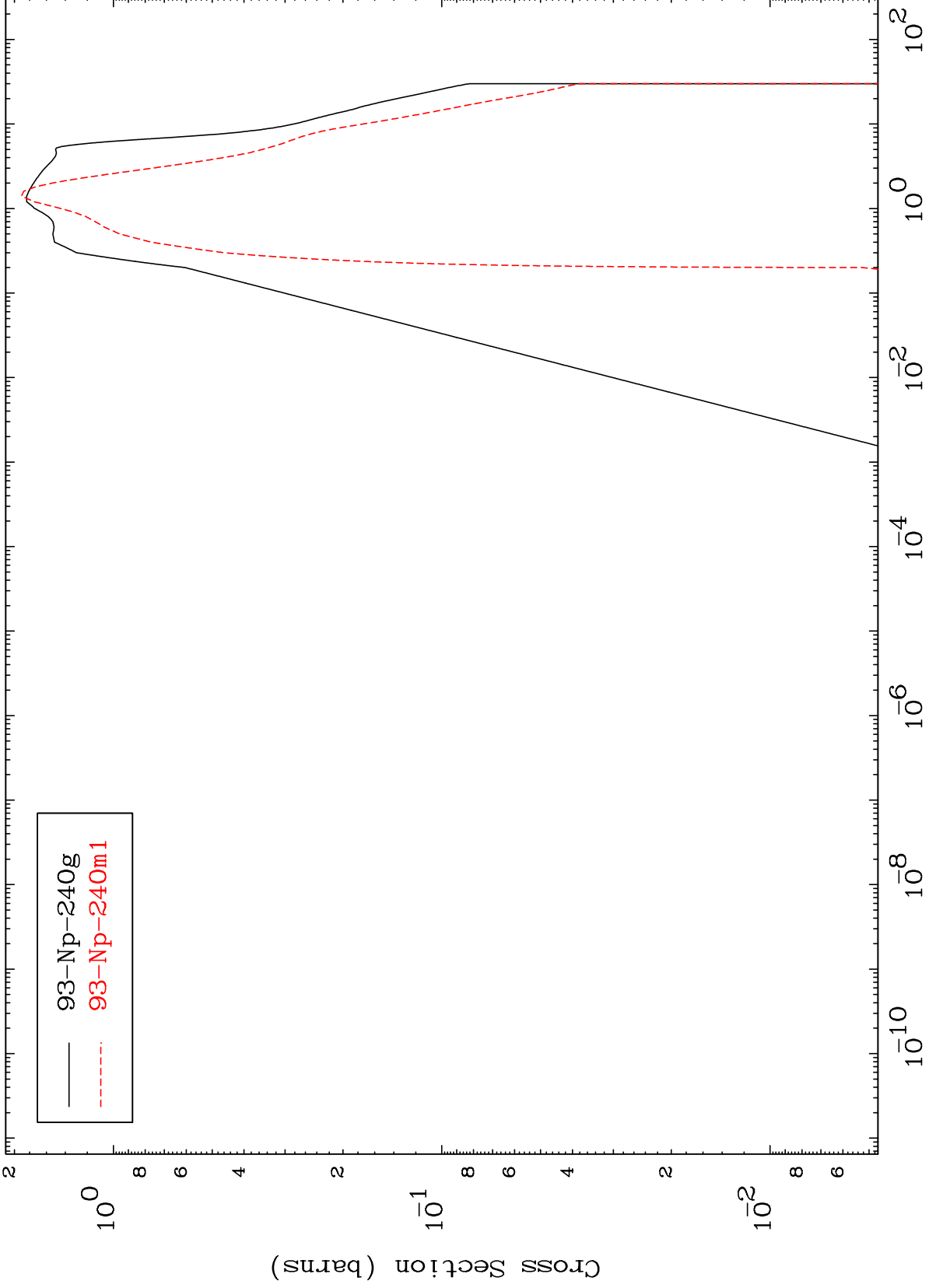


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Inelastic

93-Np-240

Radionuclide Production Cross Section

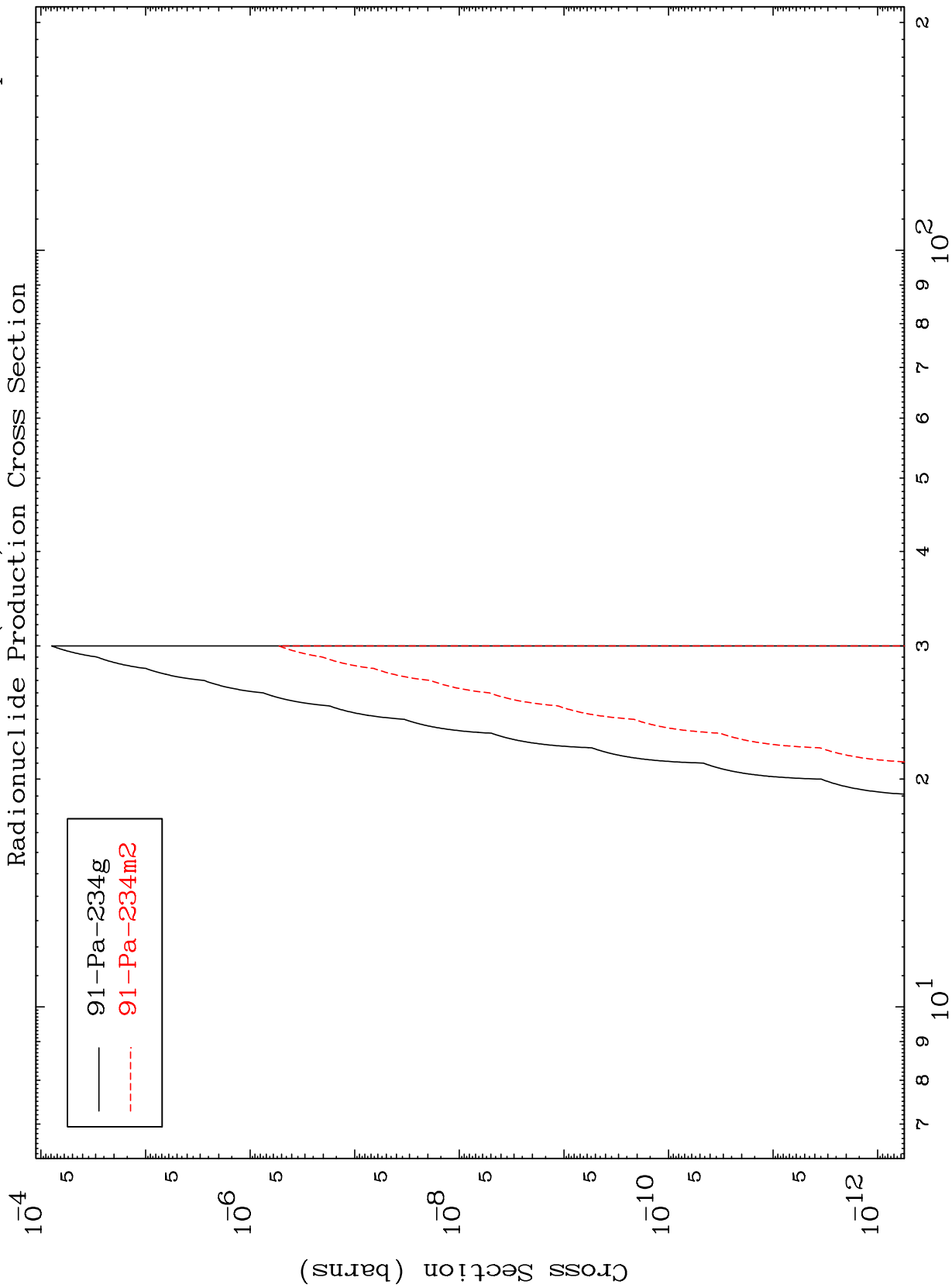


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(n,3n)  $\alpha$

93-Np-240

Radionuclide Production Cross Section



28

Incident Energy (MeV)

93-Np-240