

Program EVALPLOT  
(Version 2021-1)

by

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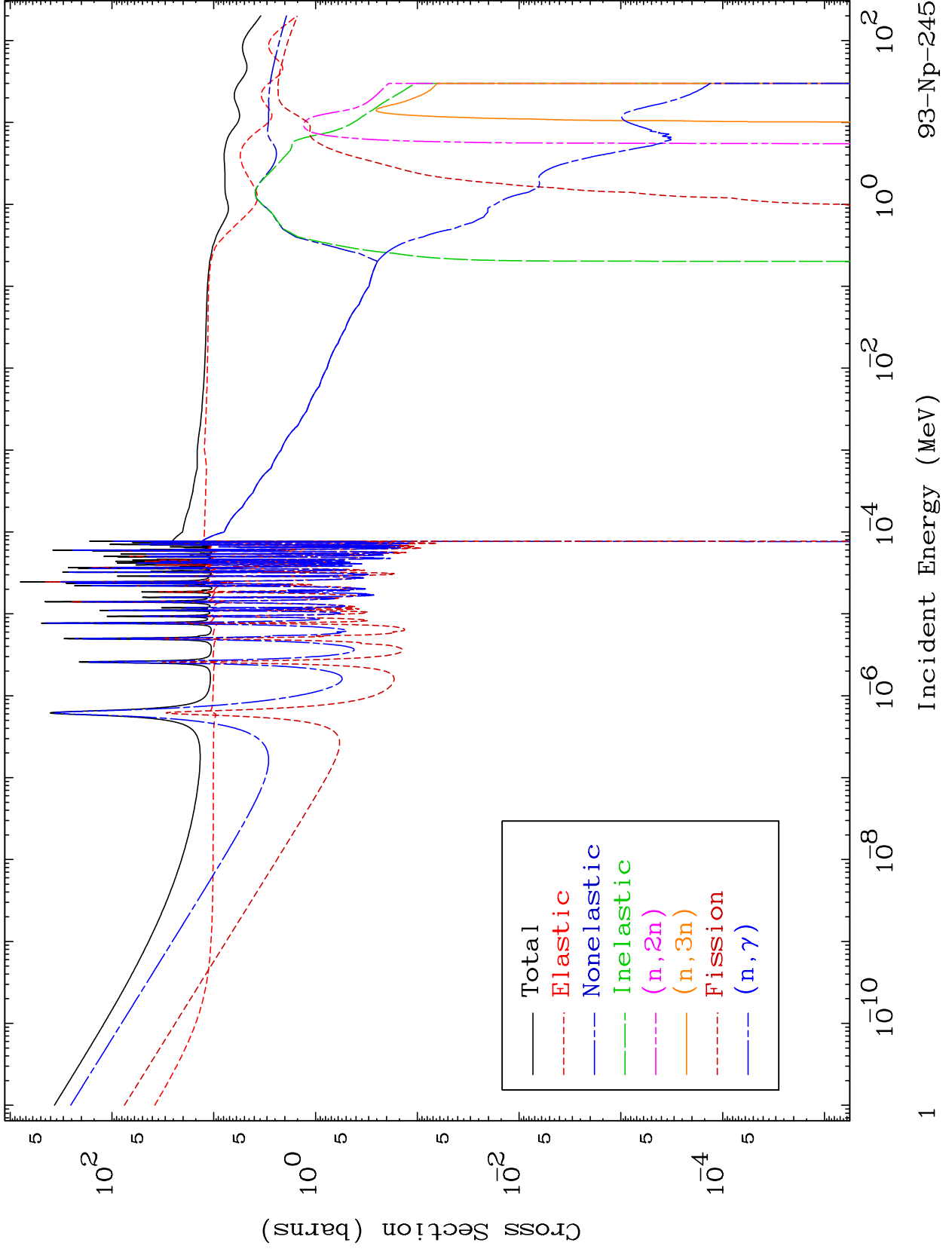
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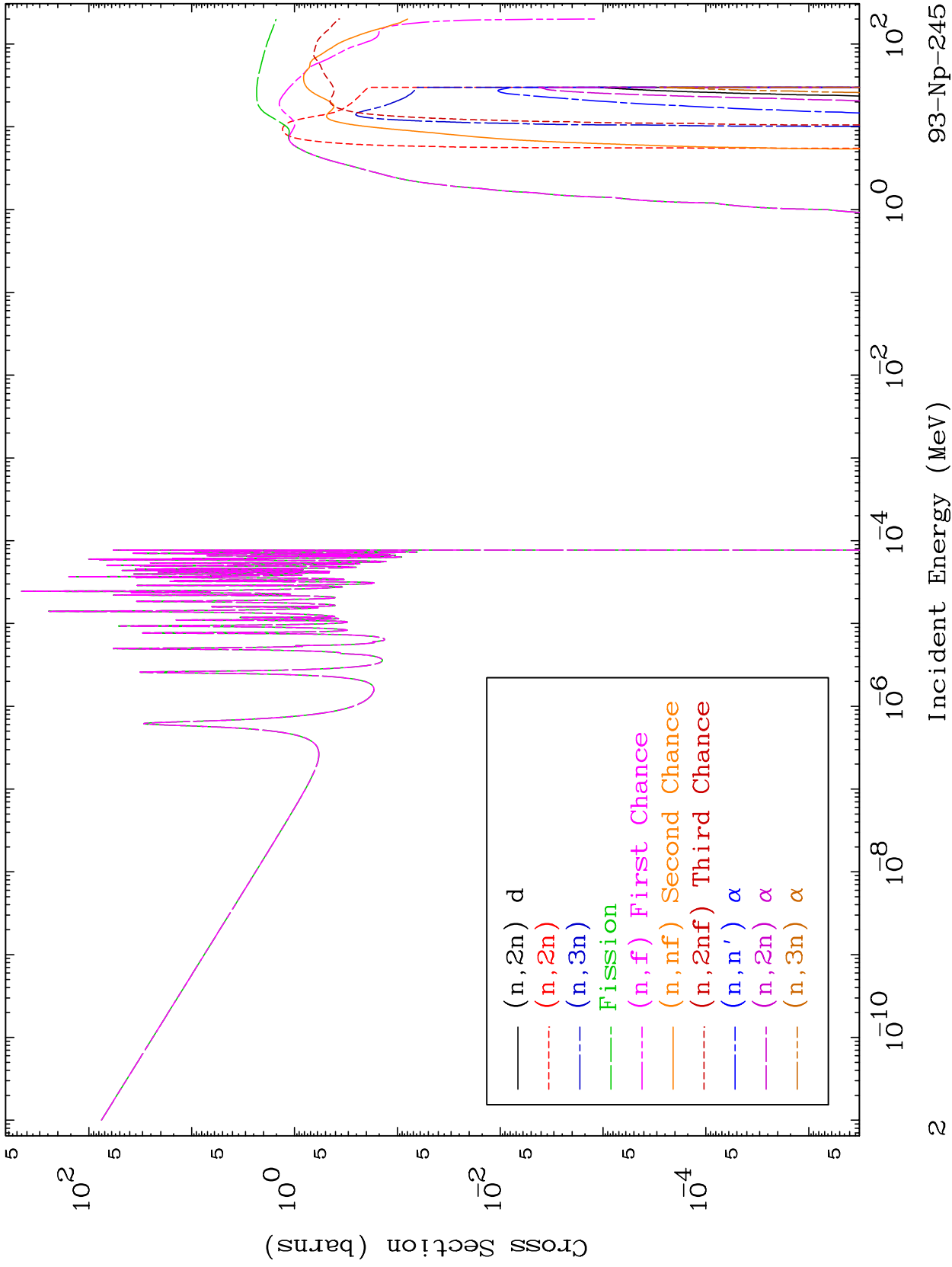
Press Mouse Button to Start

MAT 9370

Neutron Major  
293 Kelvin Cross Sections

93-Np-245

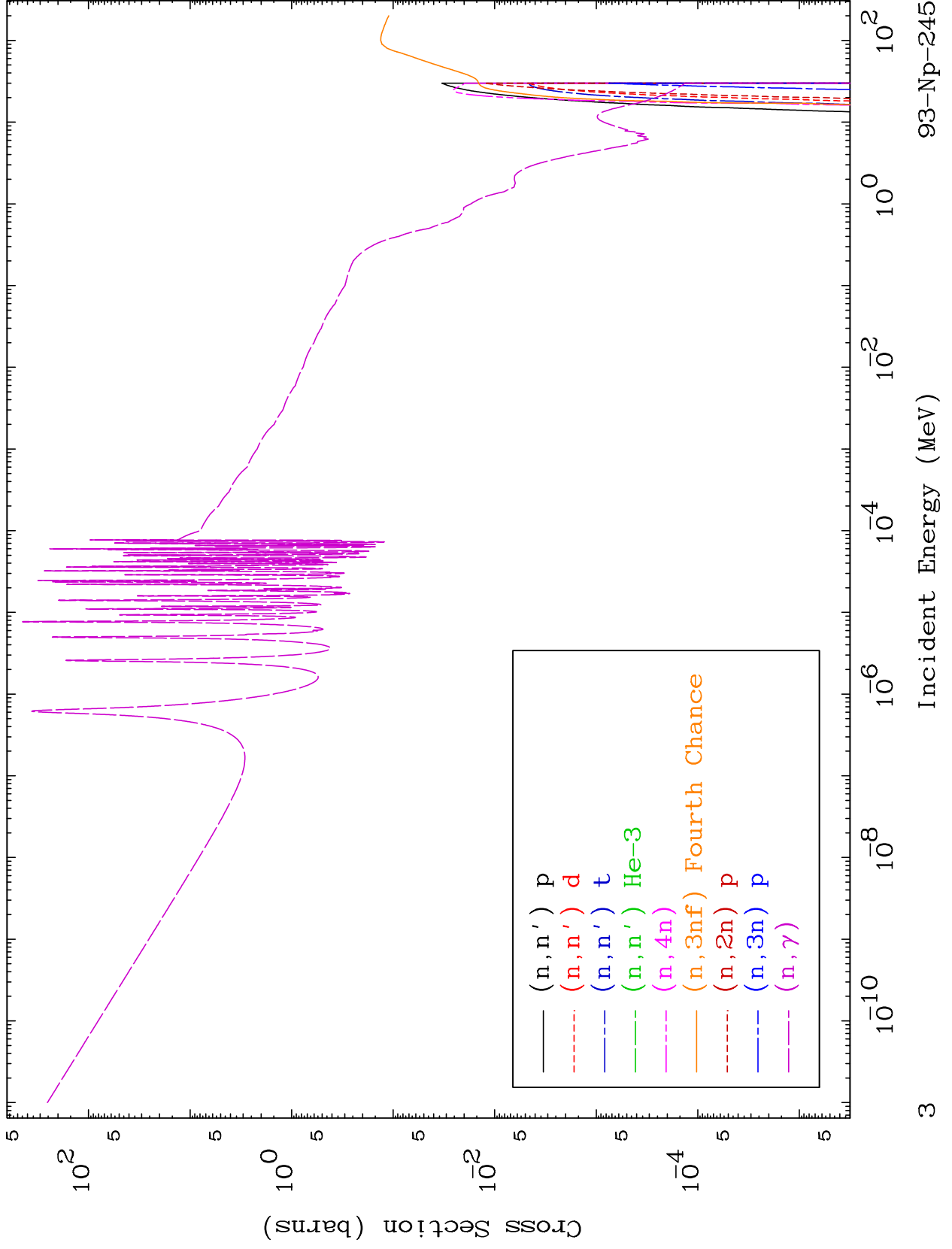




MAT 9370

Neutron Absorption  
293 Kelvin Cross Sections

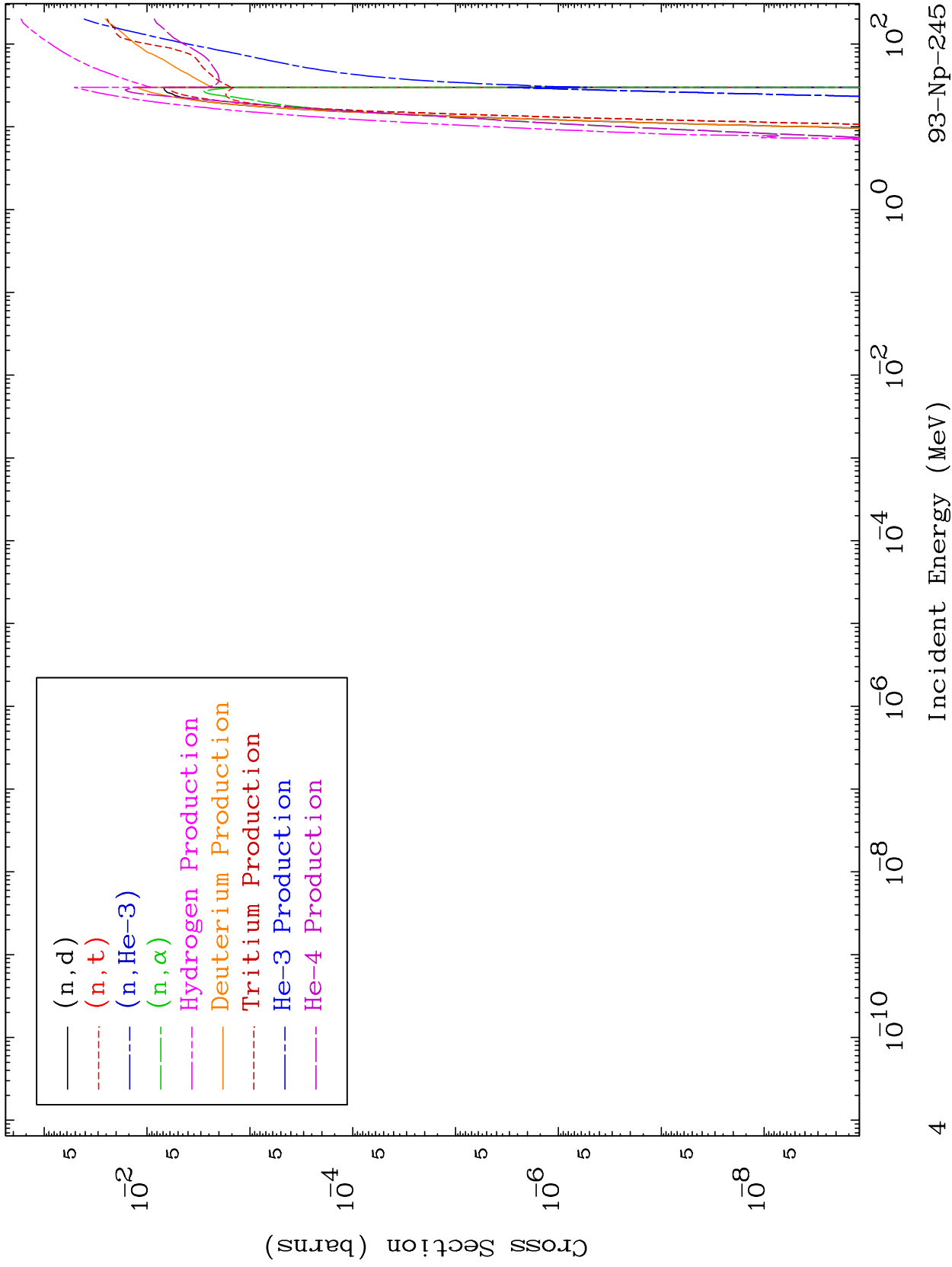
93-Np-245



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Neutron Absorption  
293 Kelvin Cross Sections

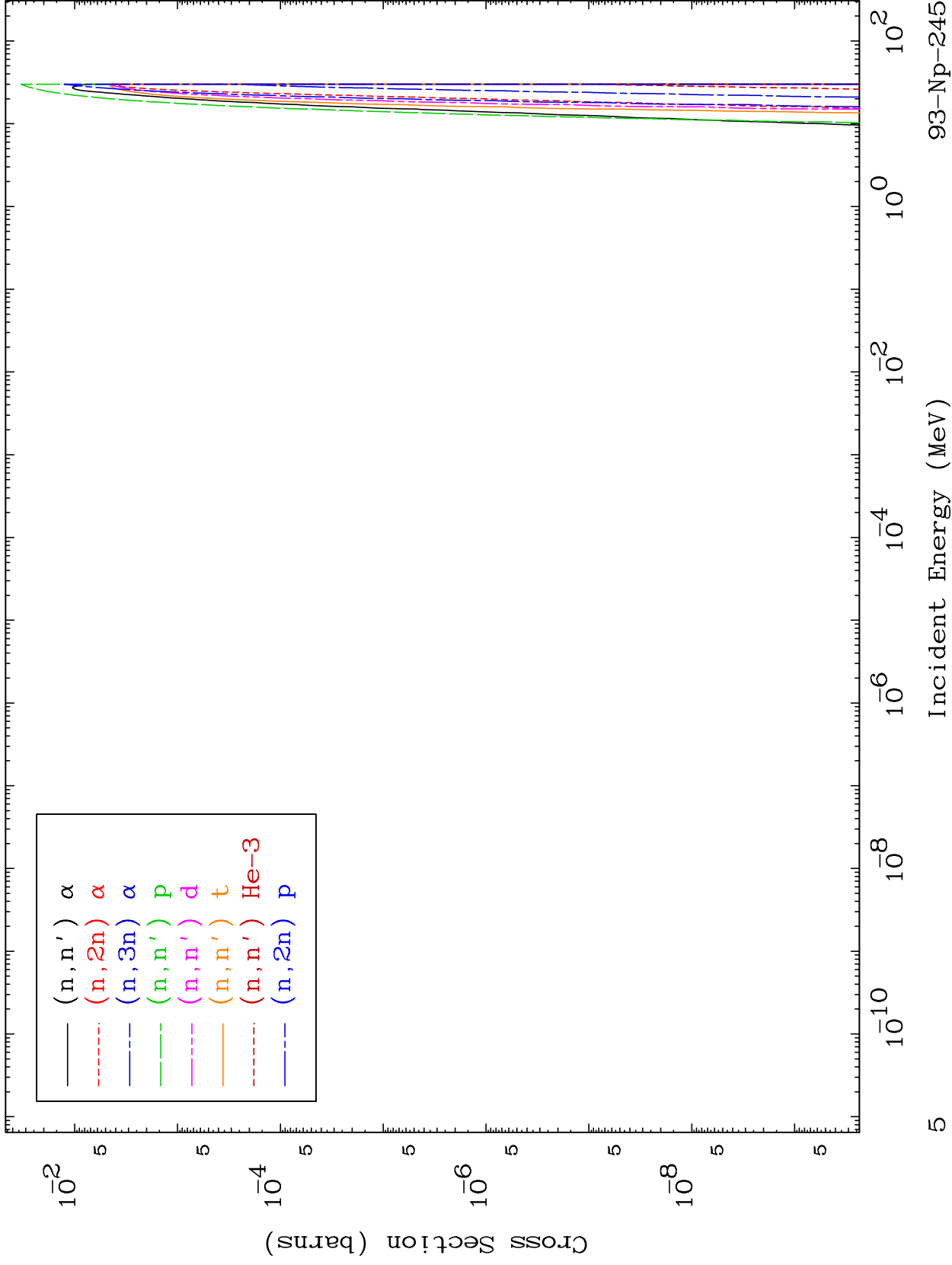
93-Np-245



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Charged Particle  
293 Kelvin Cross Sections

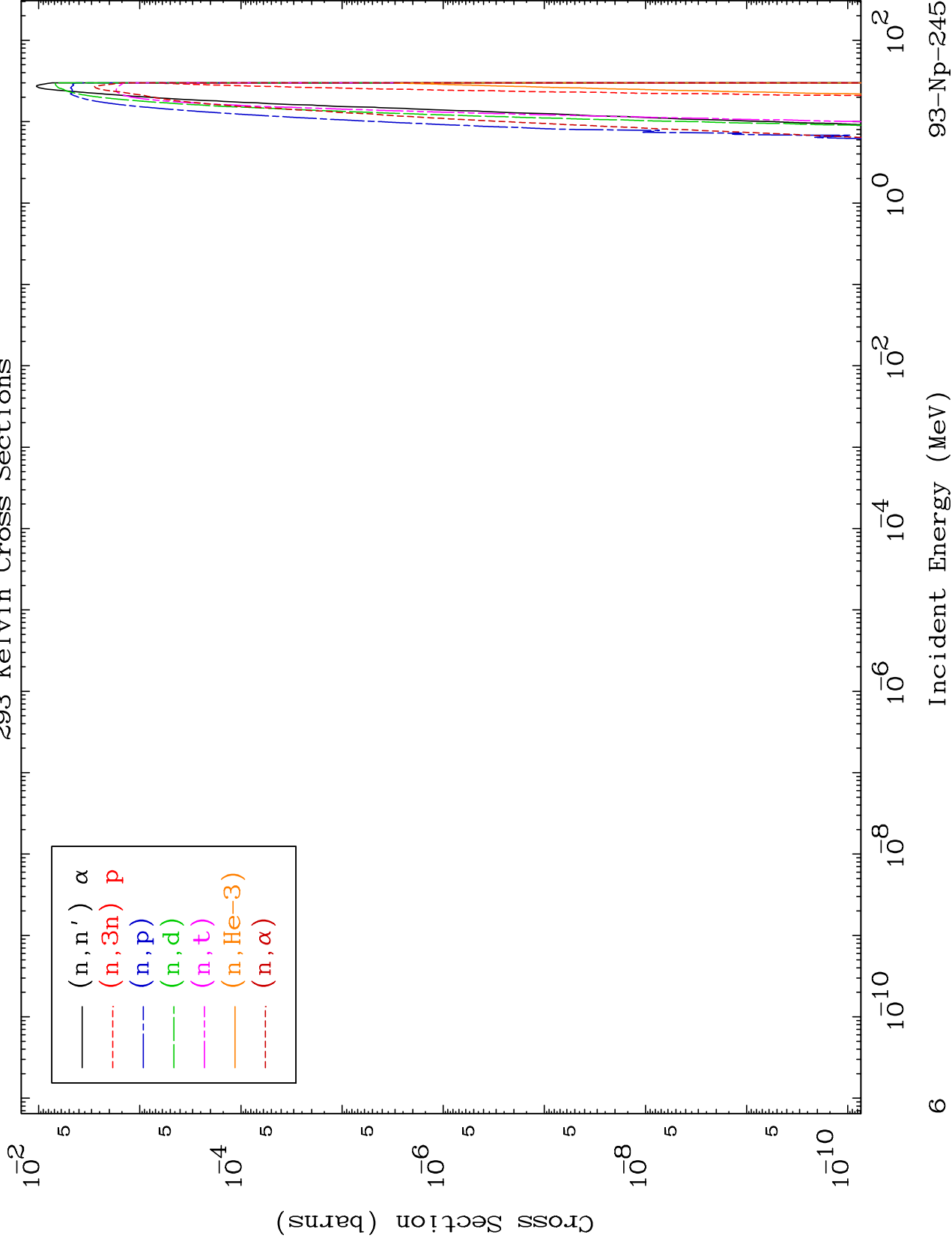
93-Np-245



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Charged Particle  
293 Kelvin Cross Sections

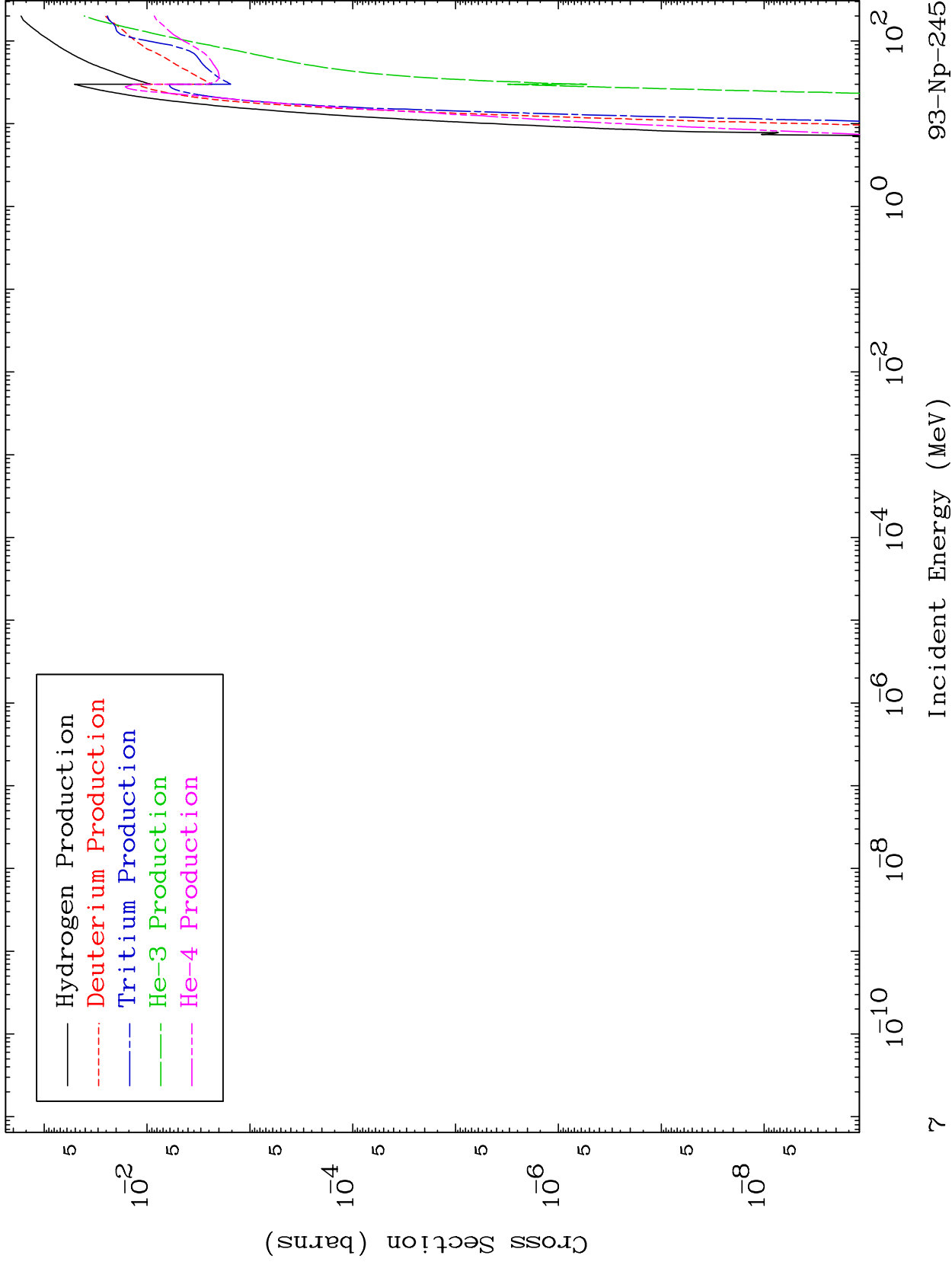
93-Np-245



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Particle Production  
293 Kelvin Cross Sections

93-Np-245

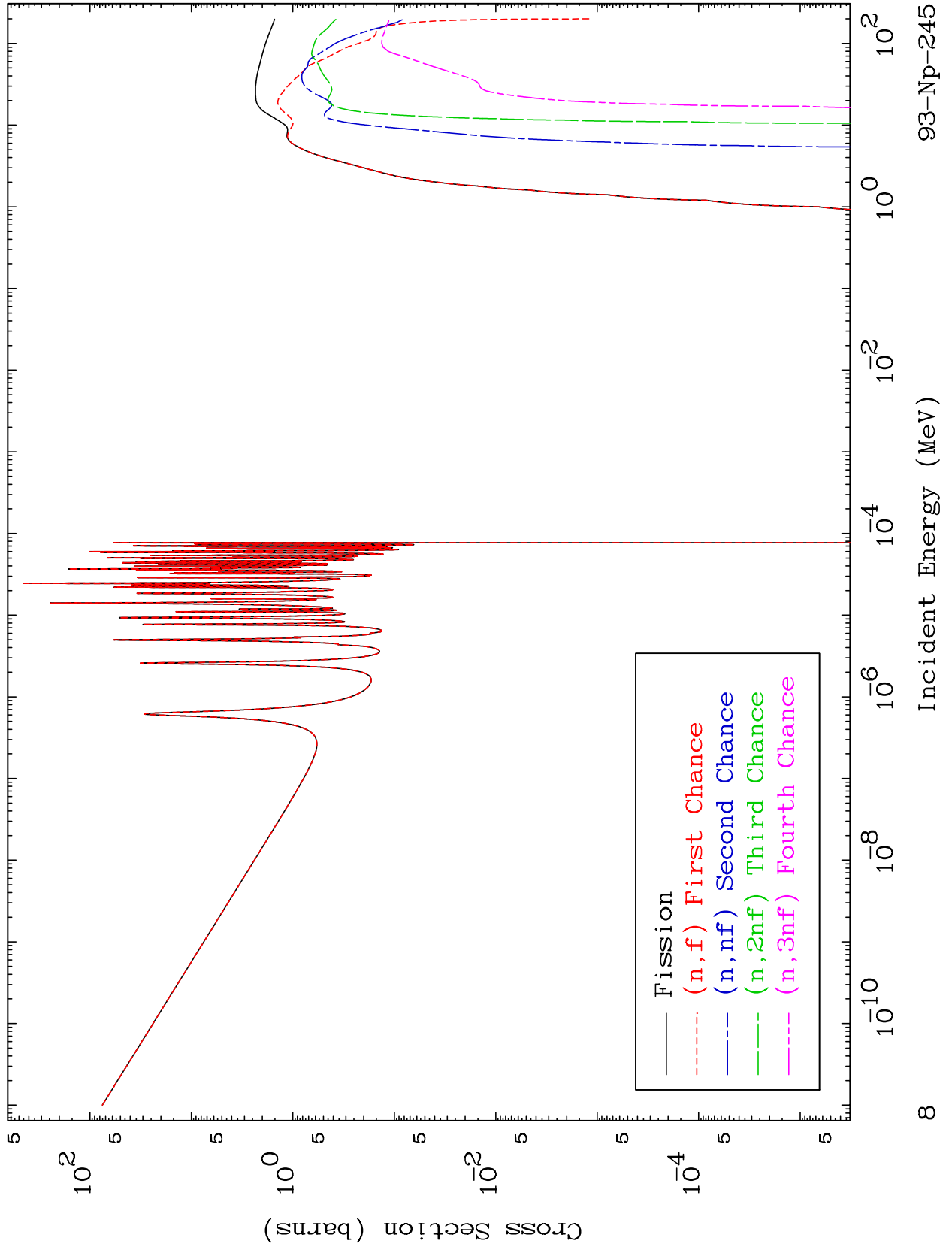




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Fission  
293 Kelvin Cross Sections

93-Np-245

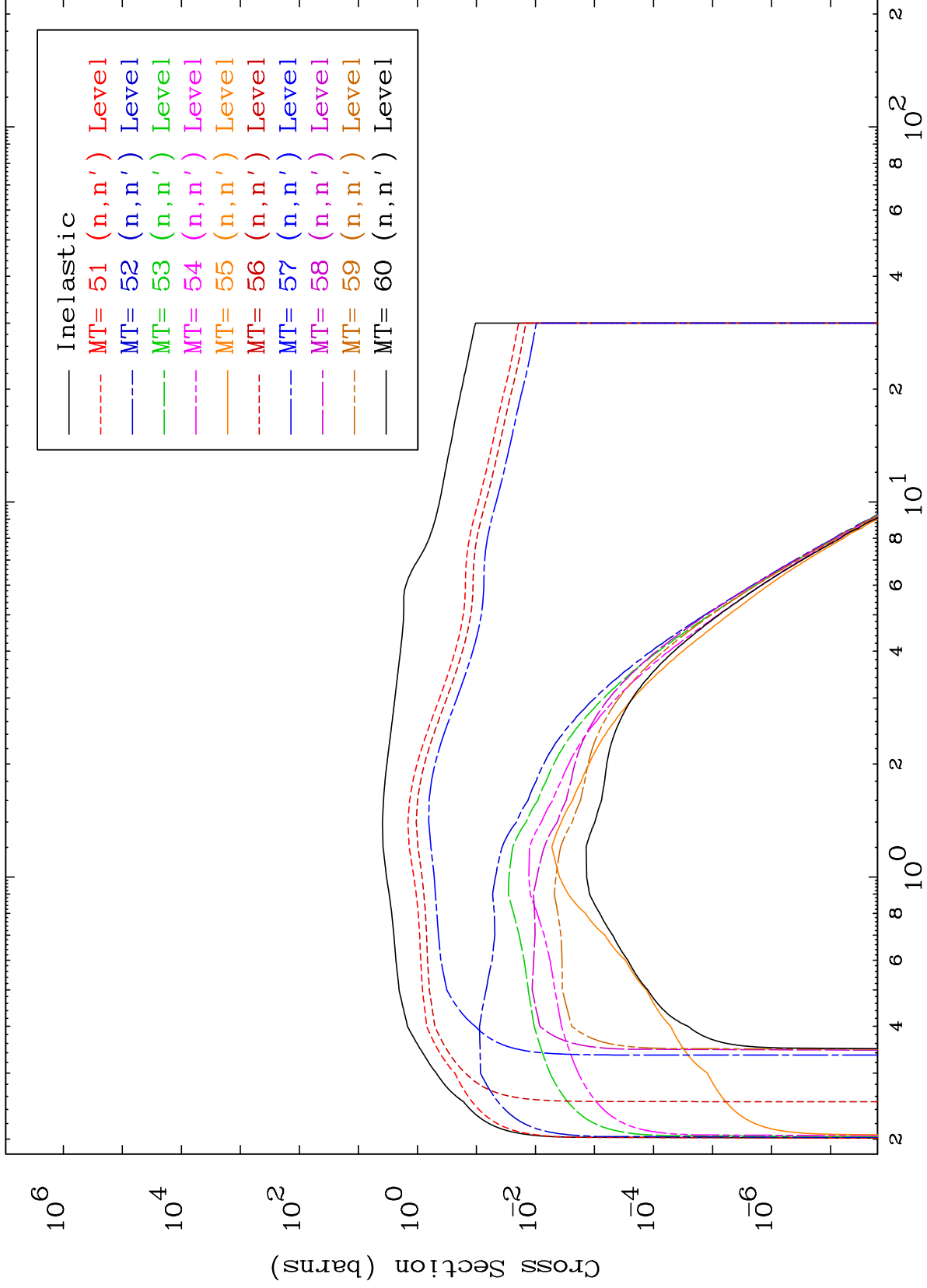


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(n,n') Levels

93-Np-245

293 Kelvin Cross Sections



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Incident Energy (MeV)

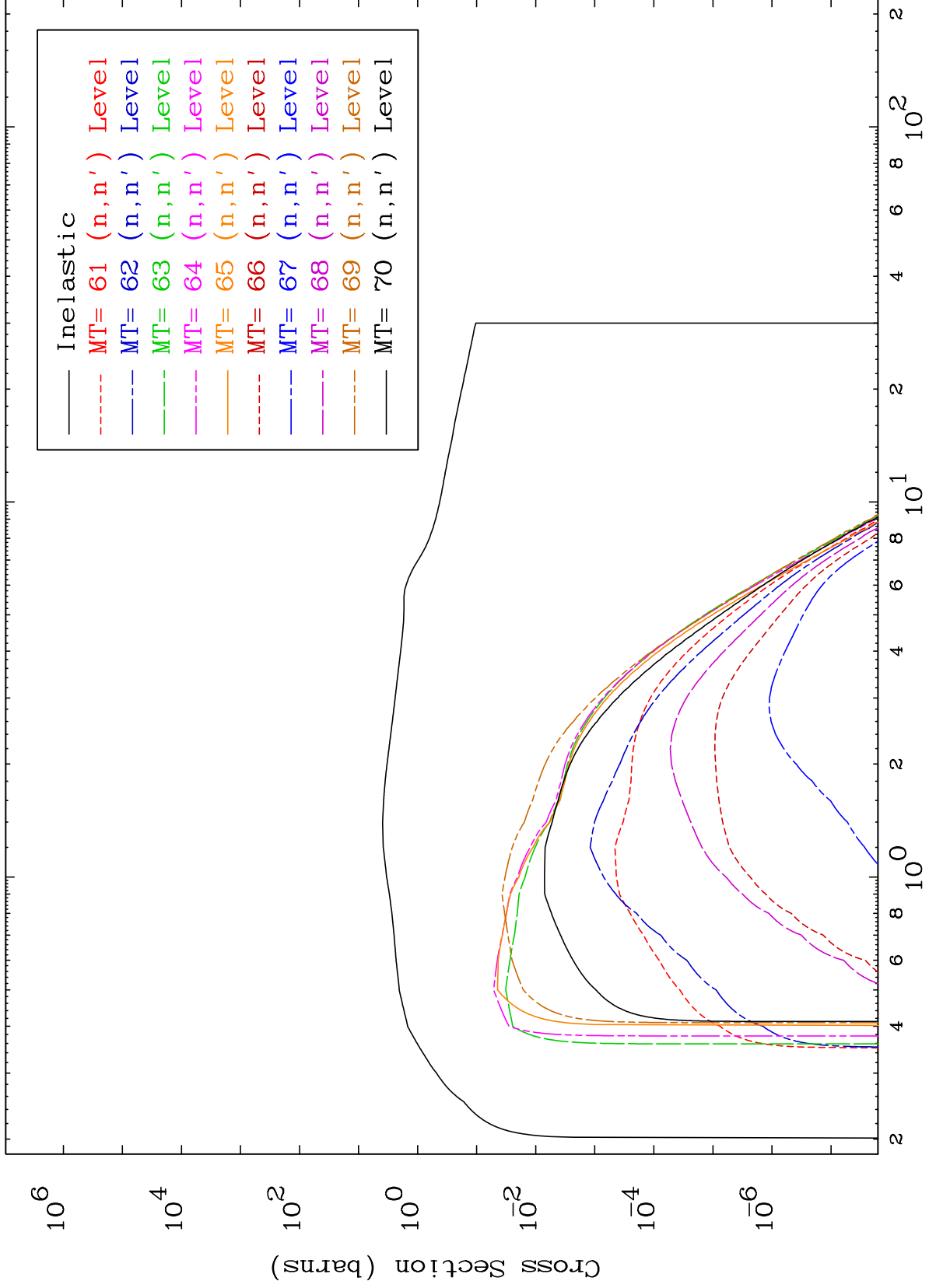
93-Np-245

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(n,n') Levels

93-Np-245

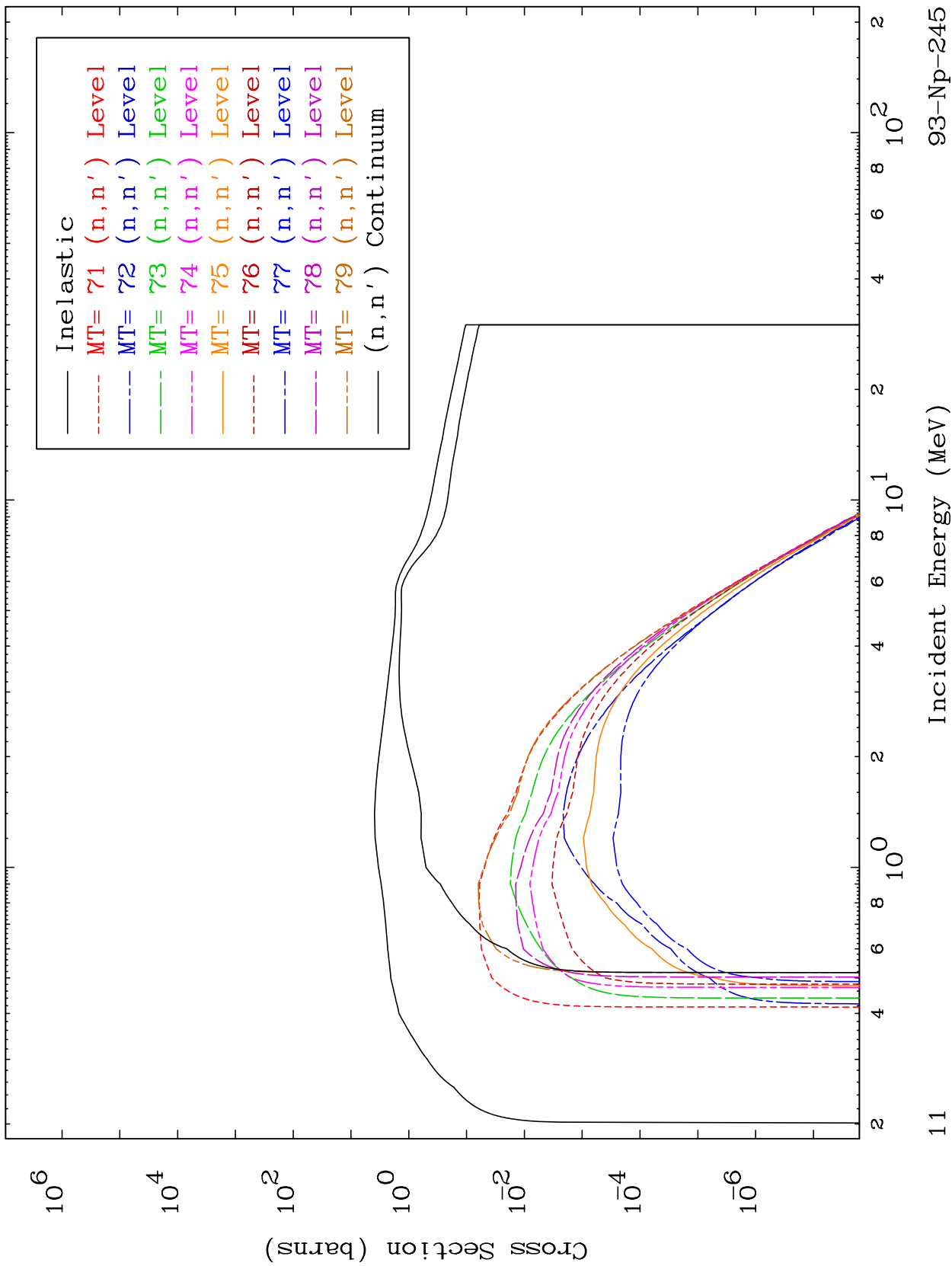
293 Kelvin Cross Sections



10

Incident Energy (MeV)

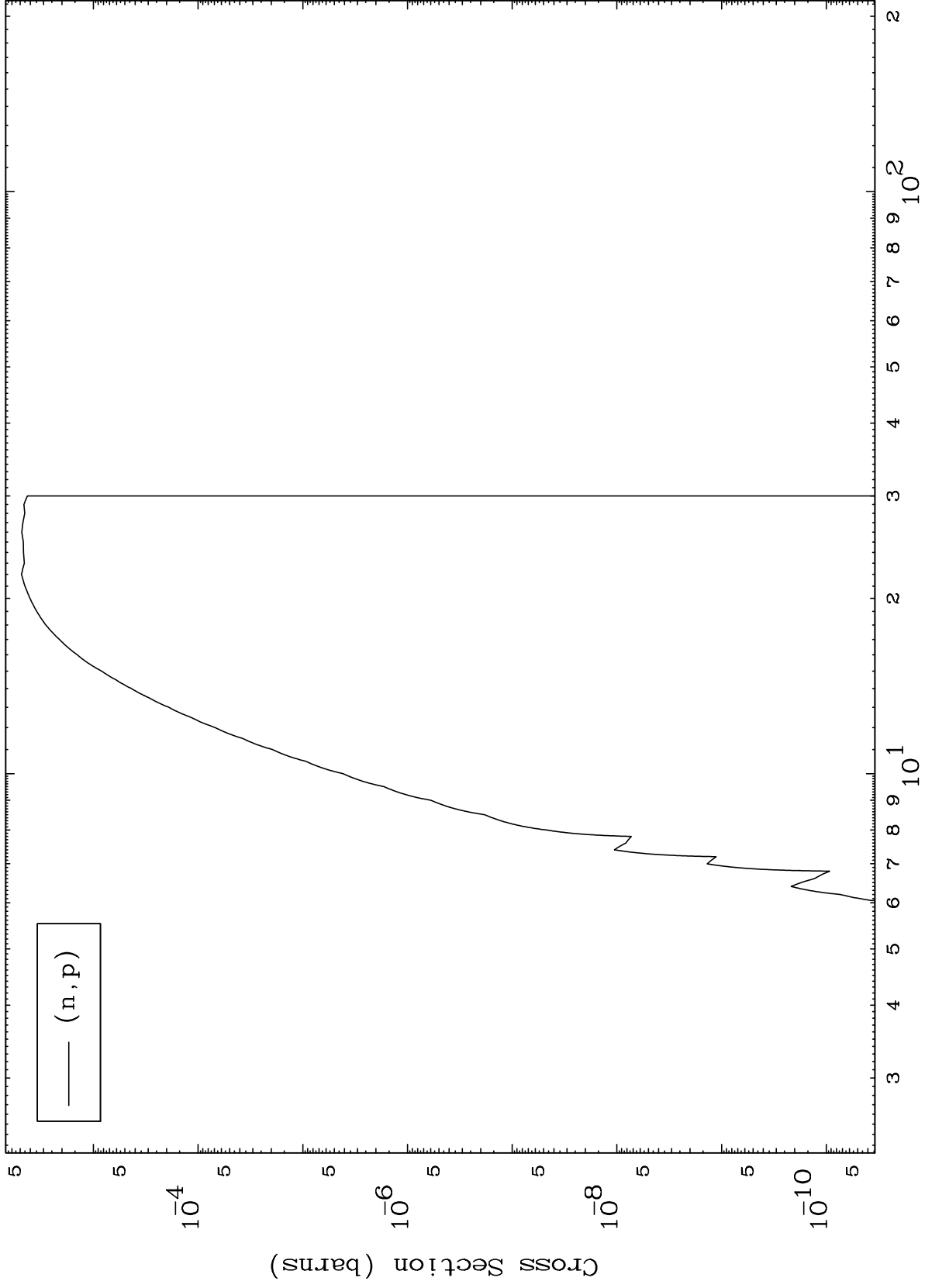
93-Np-245



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(n,p) Levels  
293 Kelvin Cross Sections

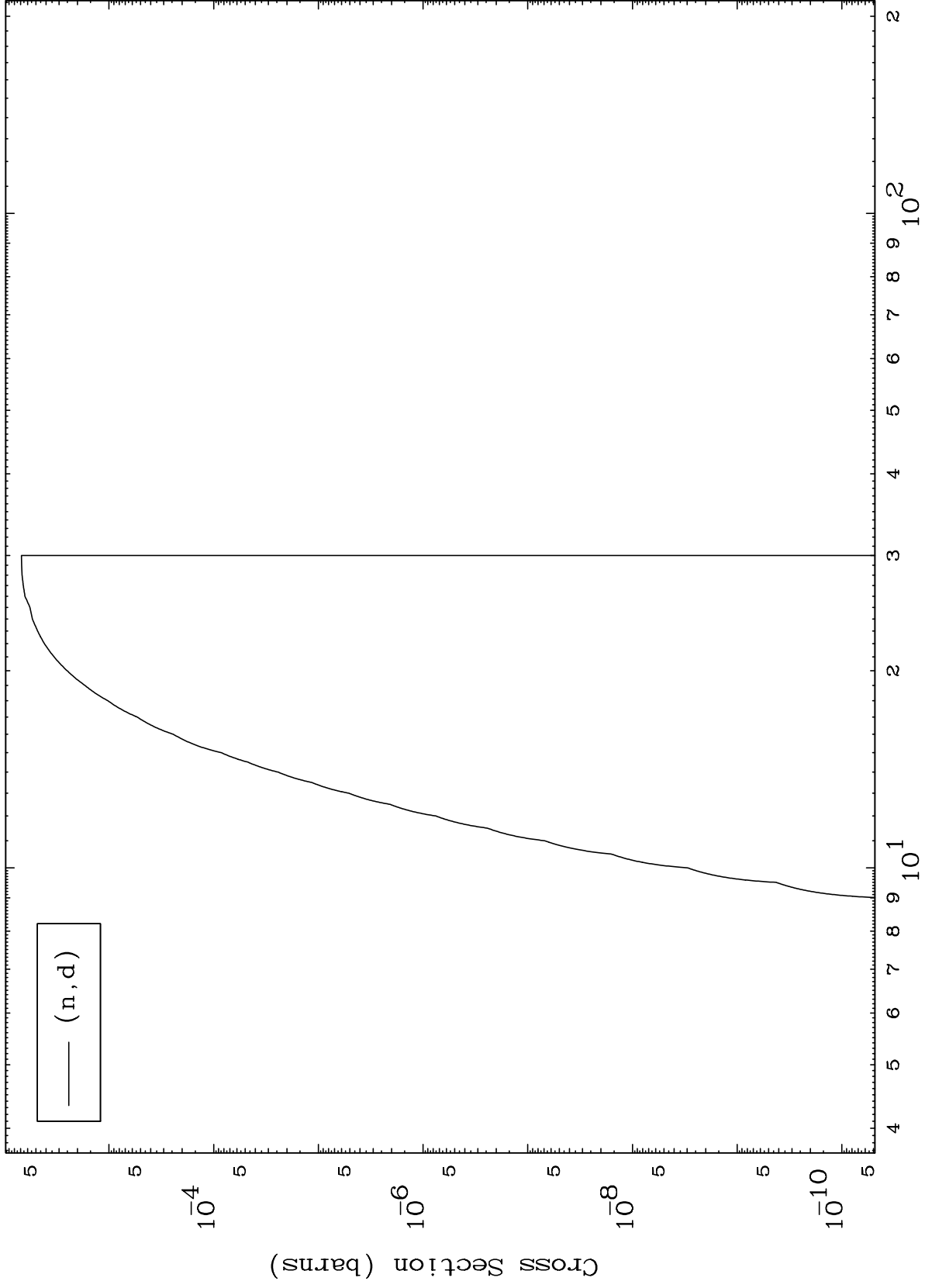
93-Np-245



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(n,d) Levels  
293 Kelvin Cross Sections

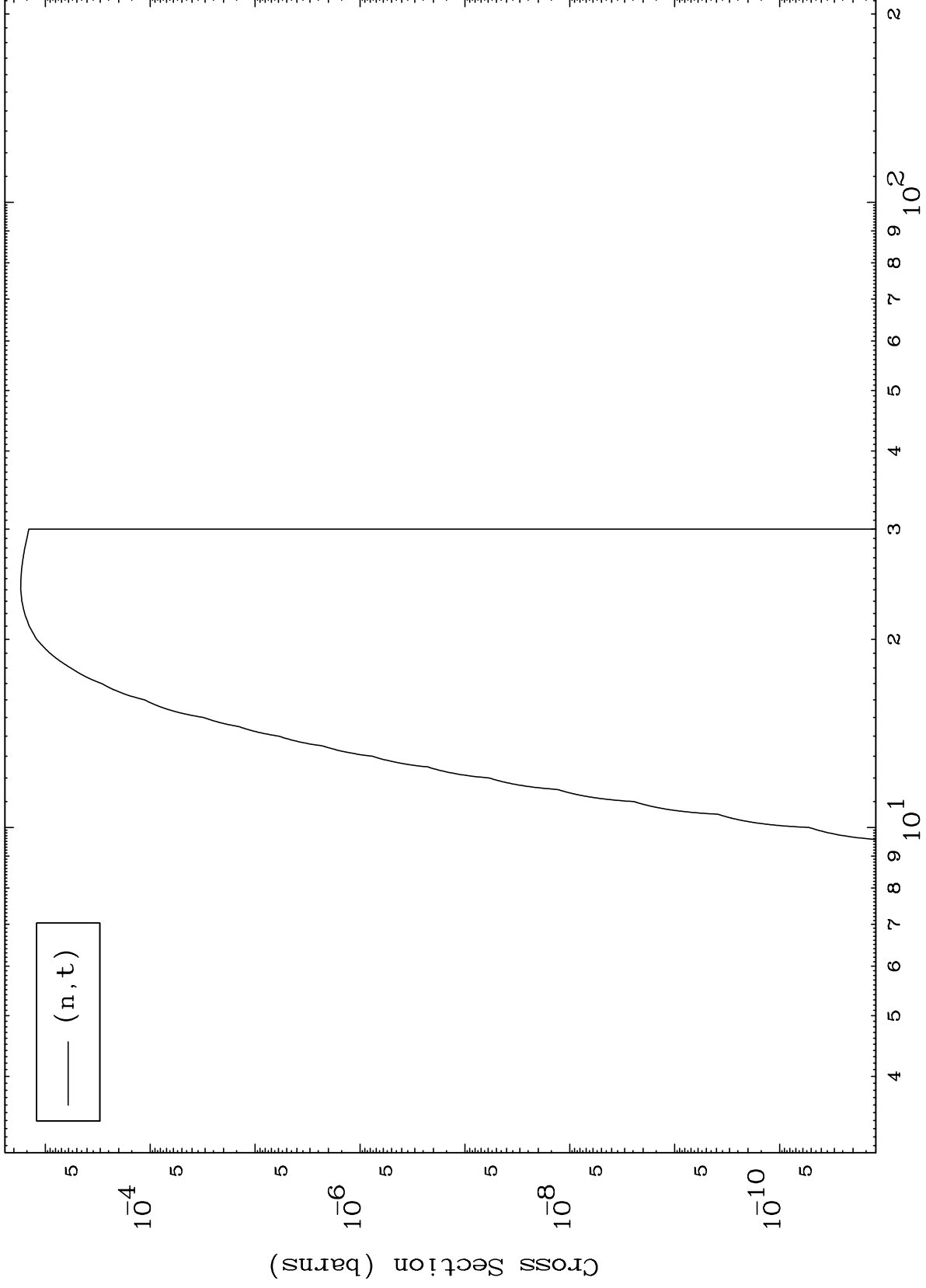
93-Np-245



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(n,t) Levels  
293 Kelvin Cross Sections

93-Np-245



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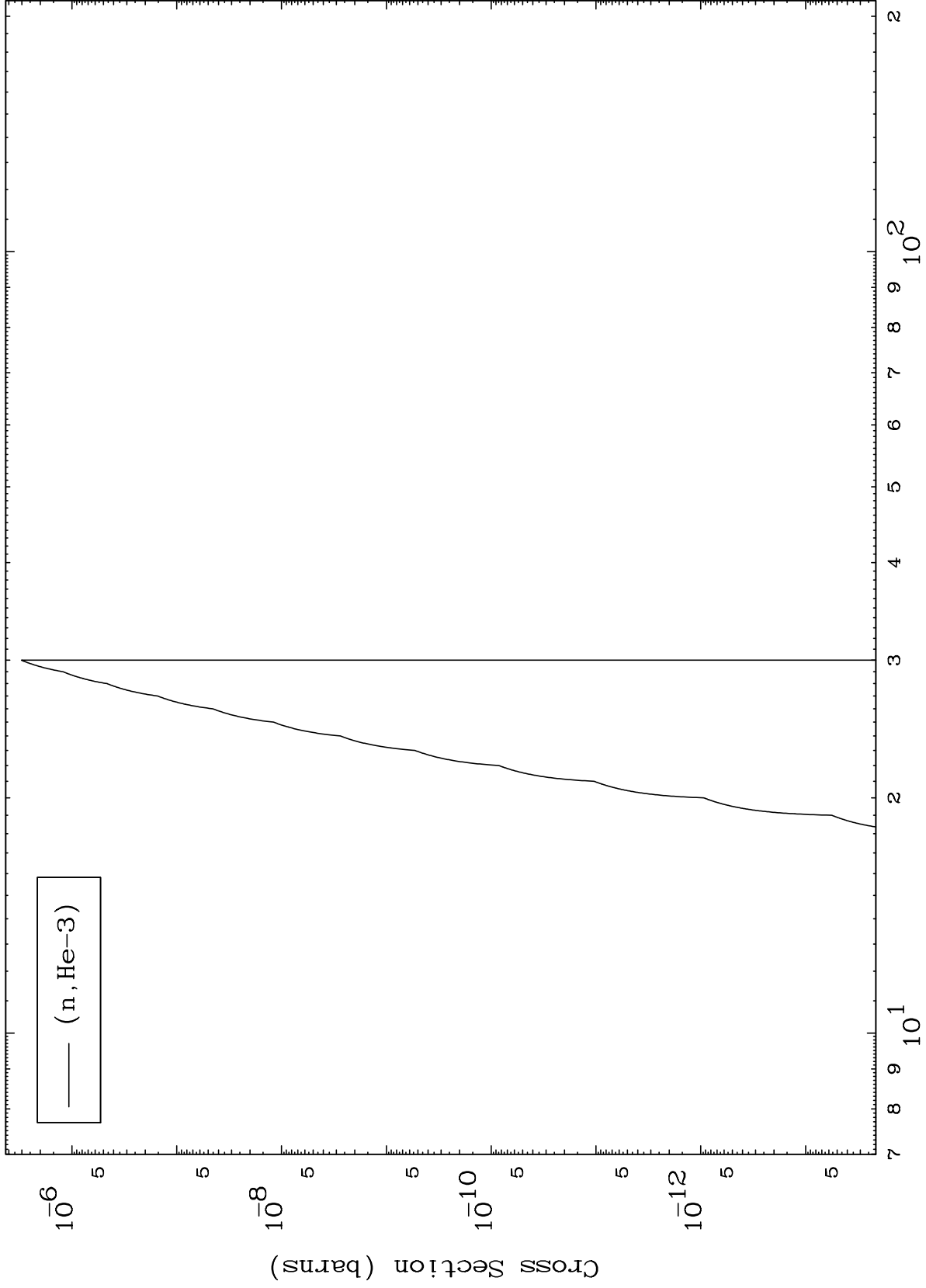
Incident Energy (MeV)

93-Np-245

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(n,He3) Levels  
293 Kelvin Cross Sections

93-Np-245



15

Incident Energy (MeV)

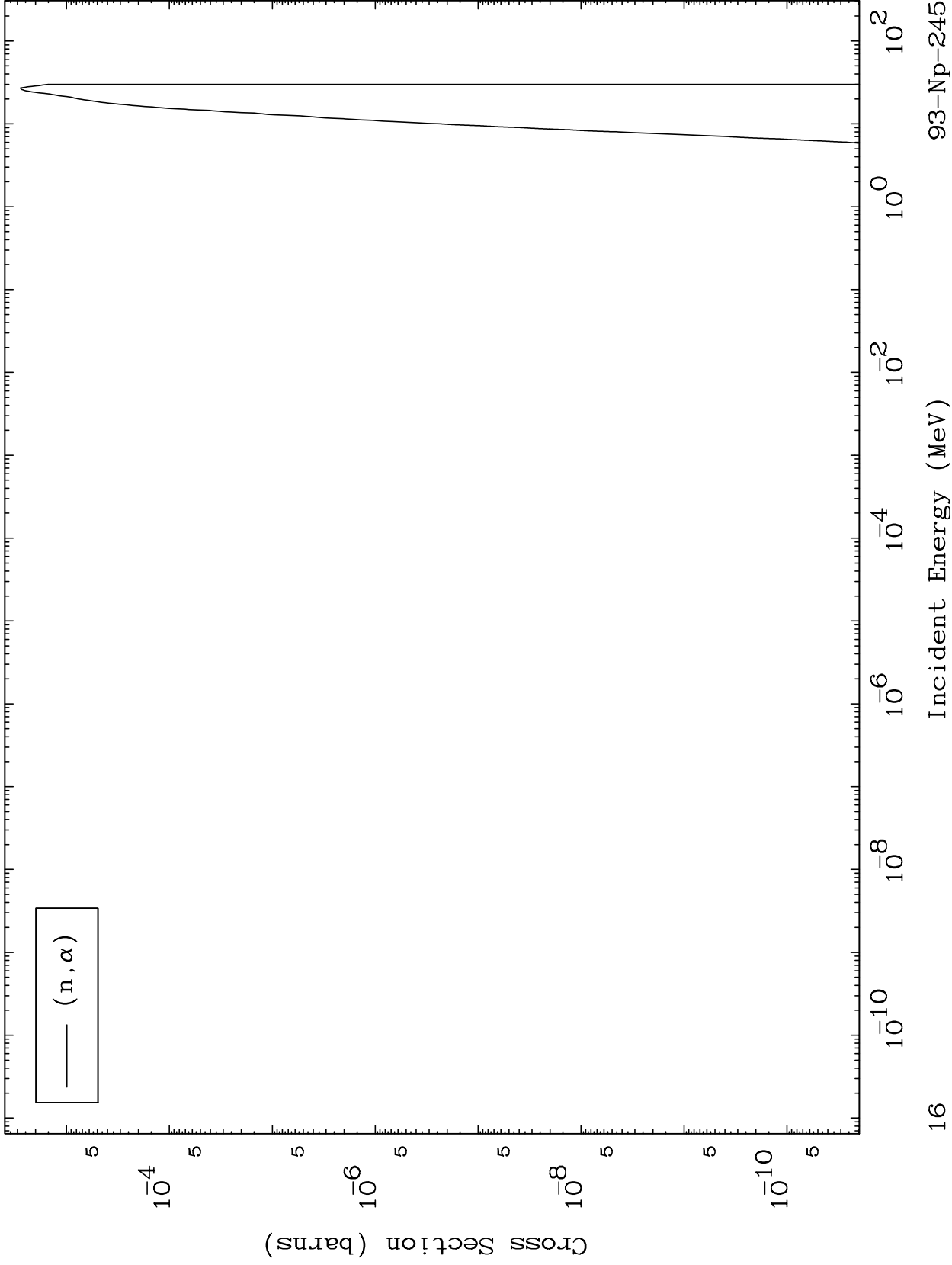
93-Np-245

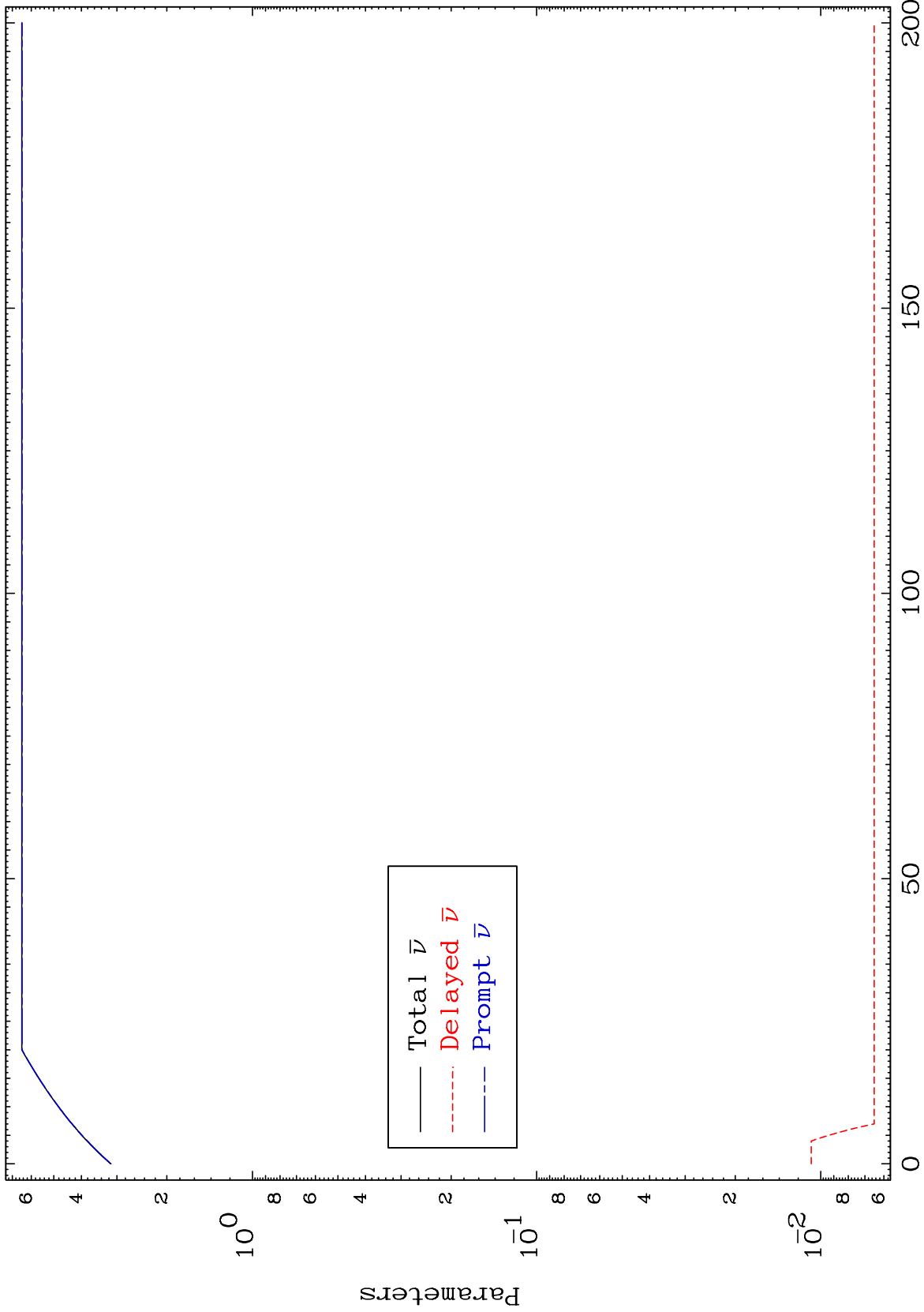


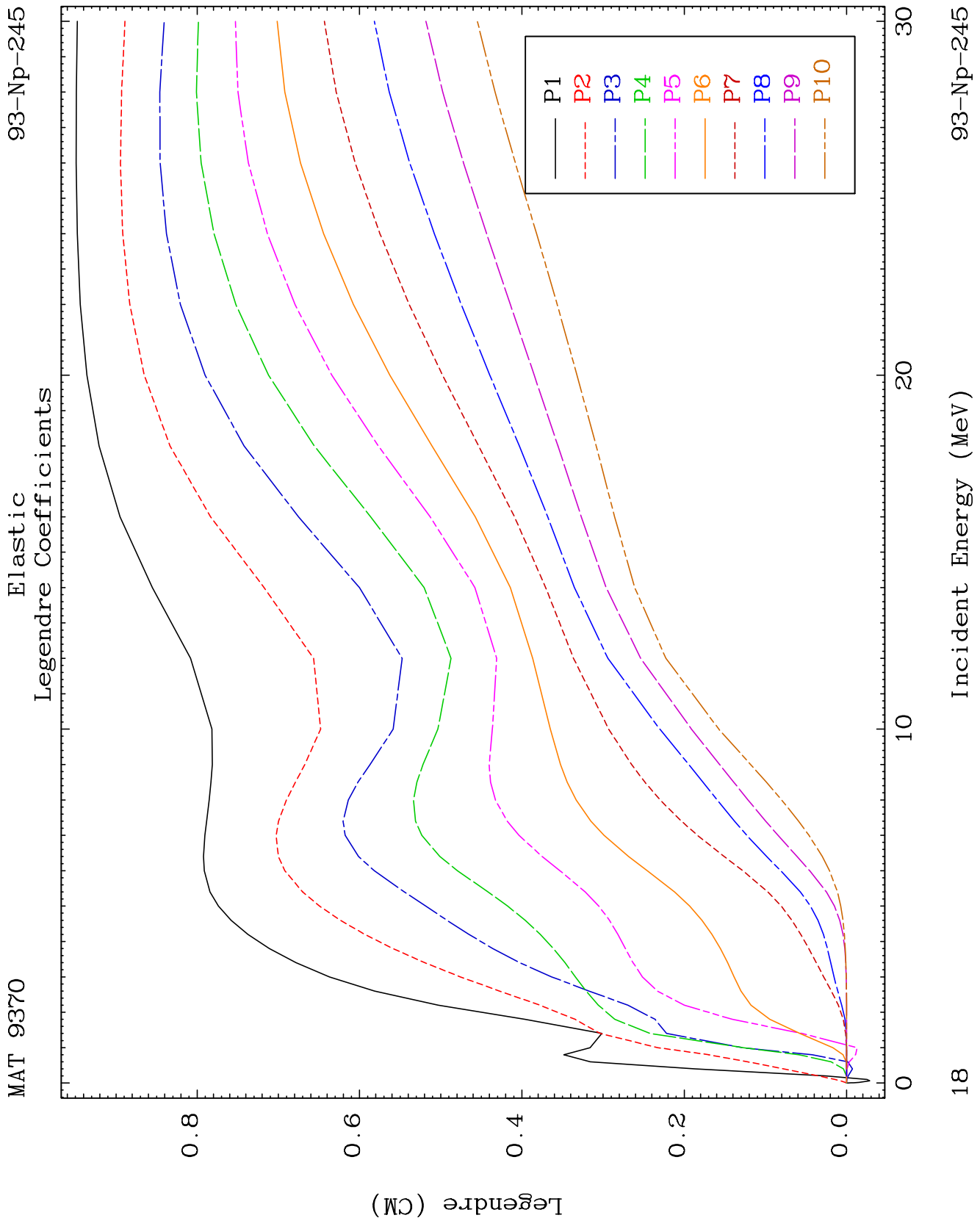
MAT 9370

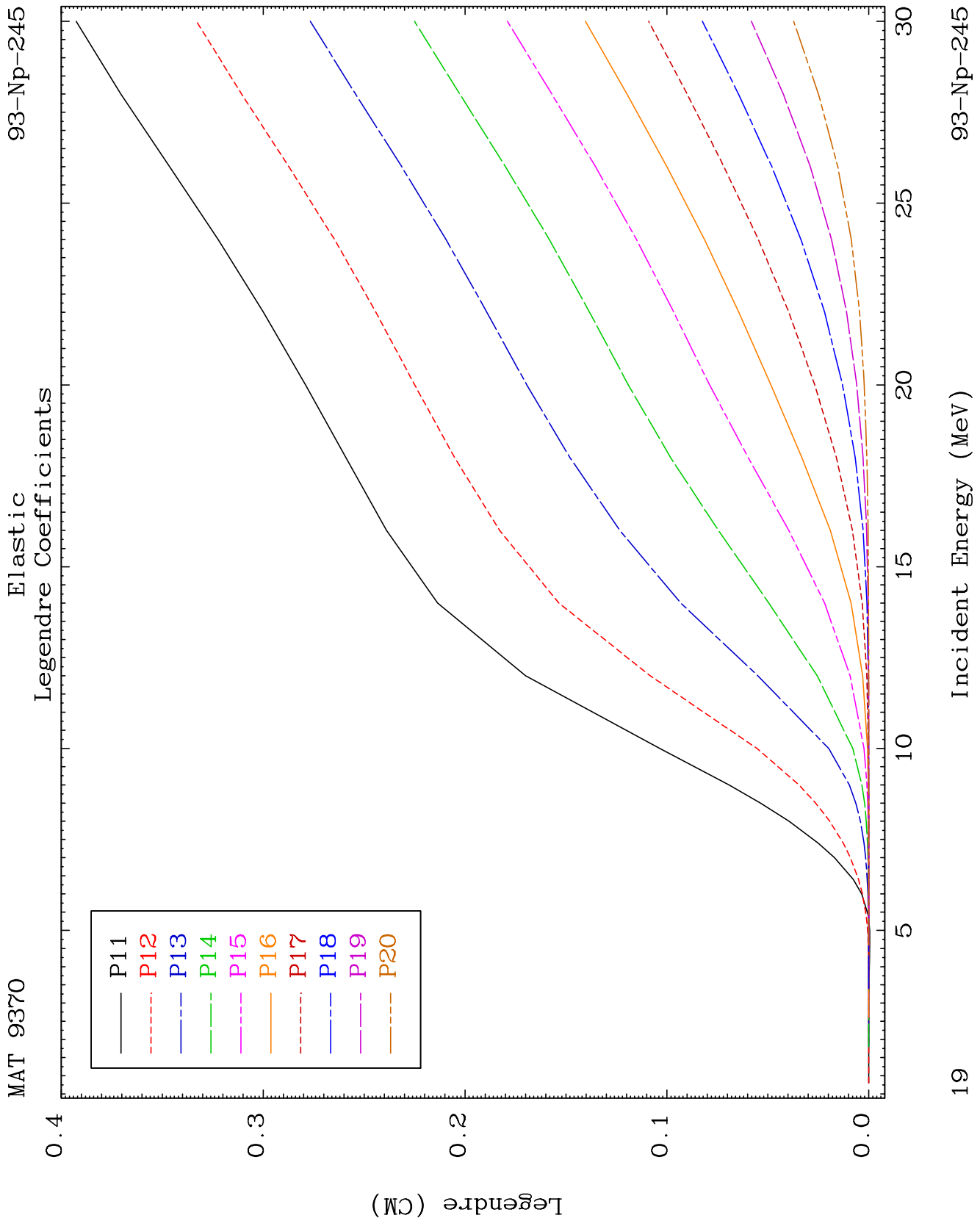
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

93-Np-245





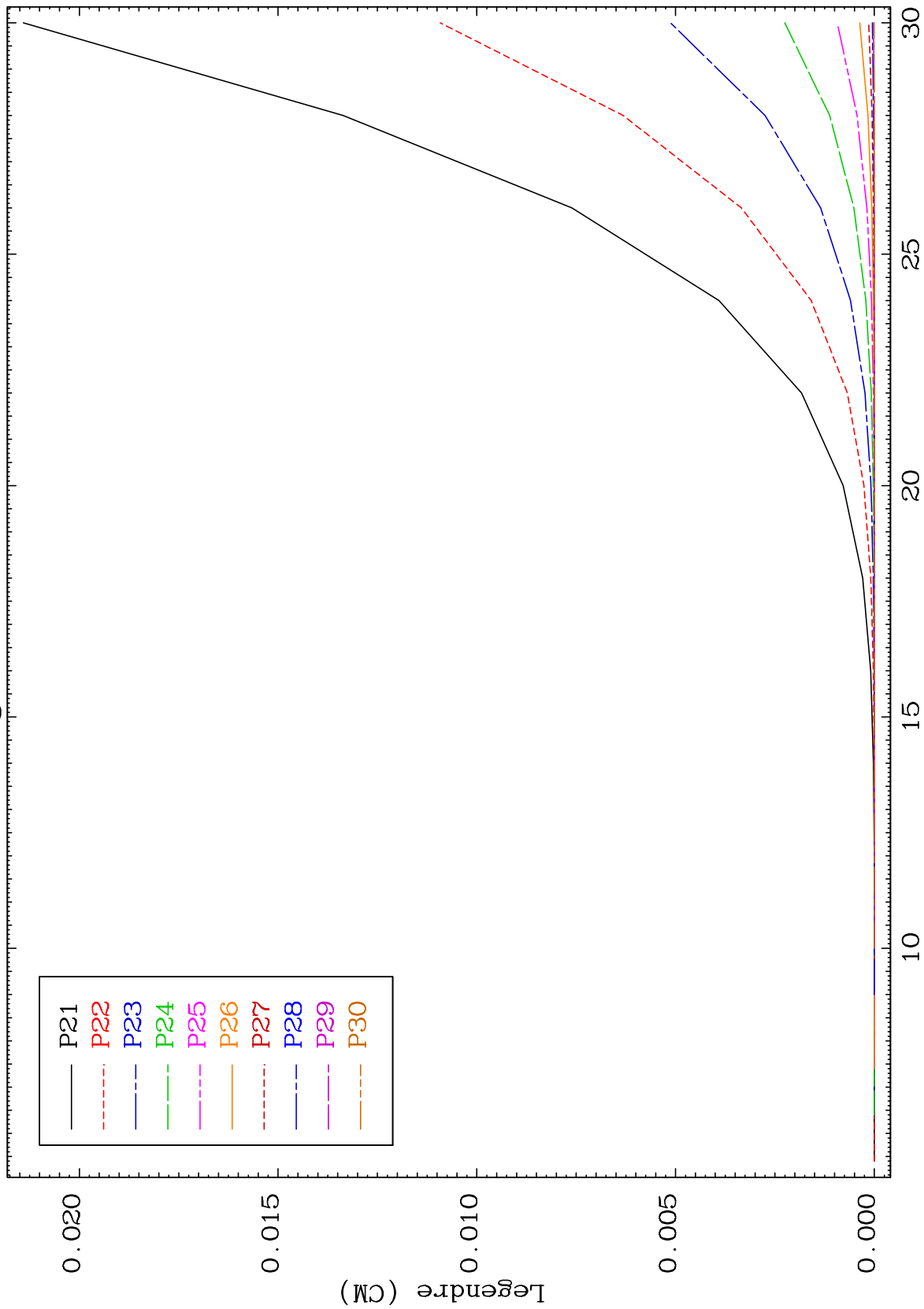




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Elastic Legendre Coefficients

93-Np-245



Incident Energy (MeV)

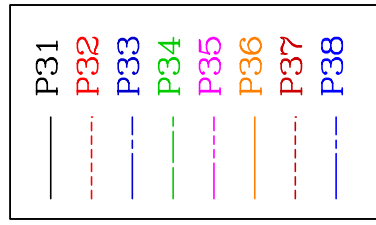
93-Np-245

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Elastic Legendre Coefficients

93-Np-245



$\times 10^{-6}$

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

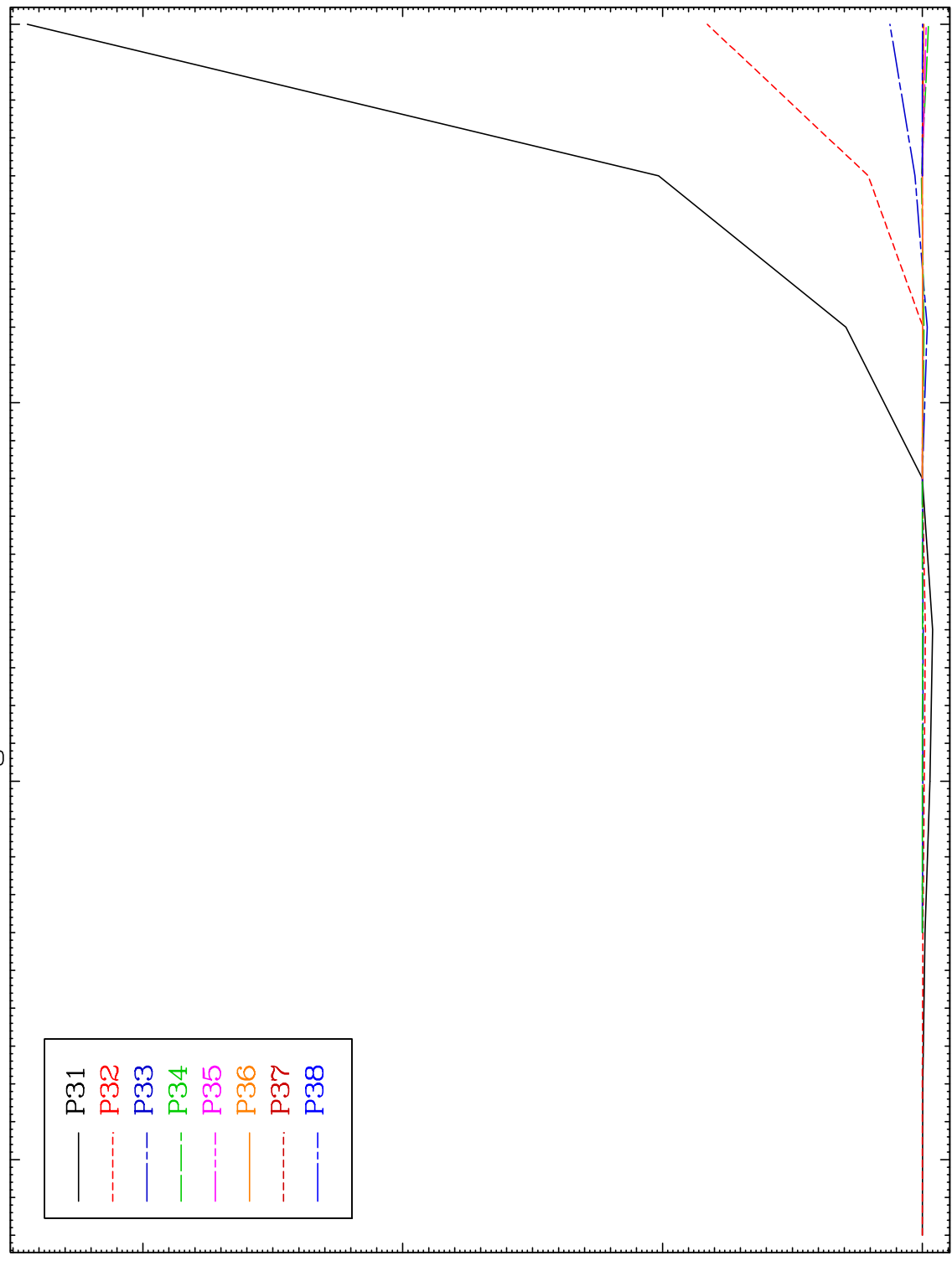
25

30

21

Incident Energy (MeV)

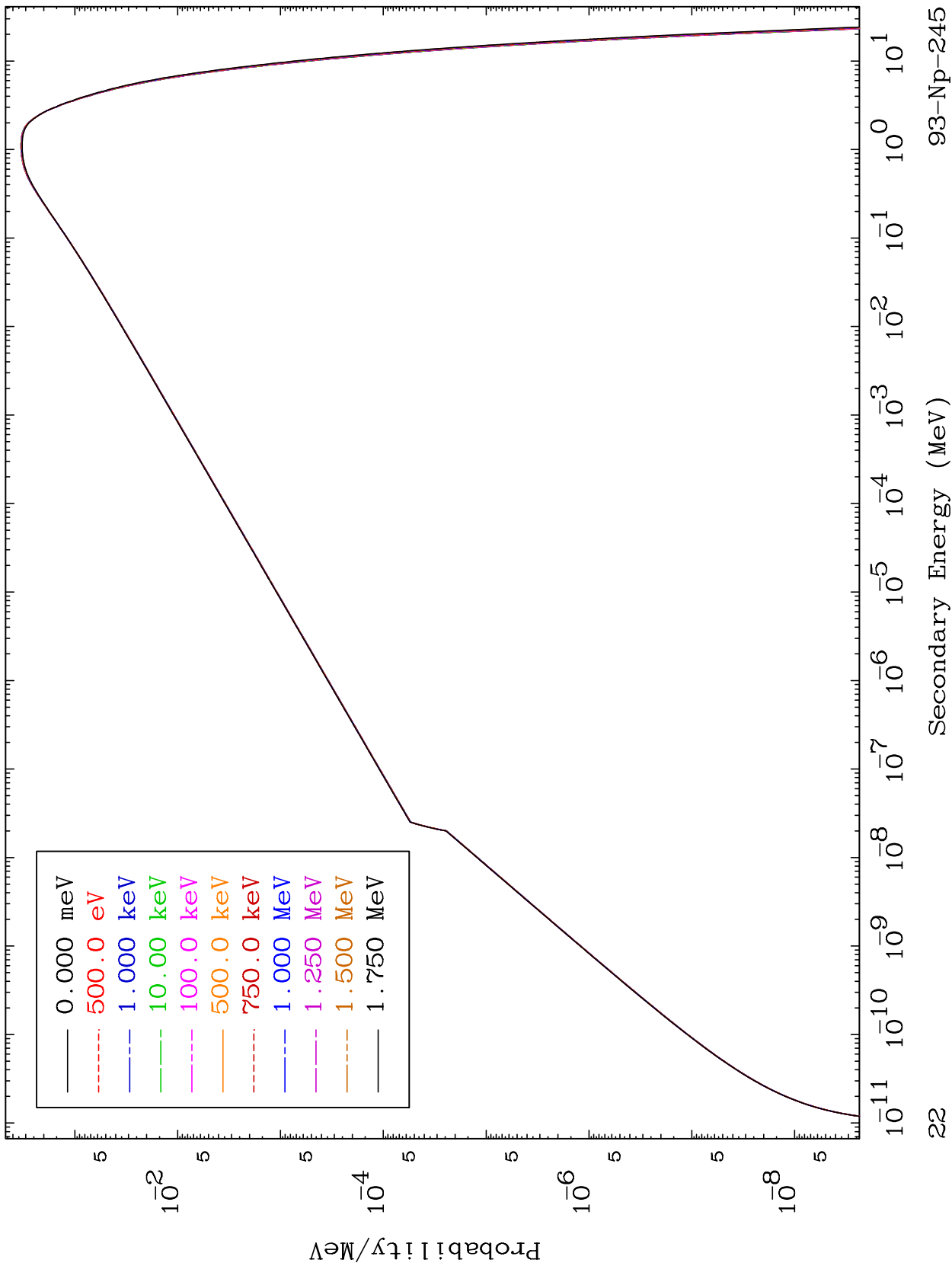
93-Np-245



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### Fission Energy Distributions

93-Np-245



93-Np-245

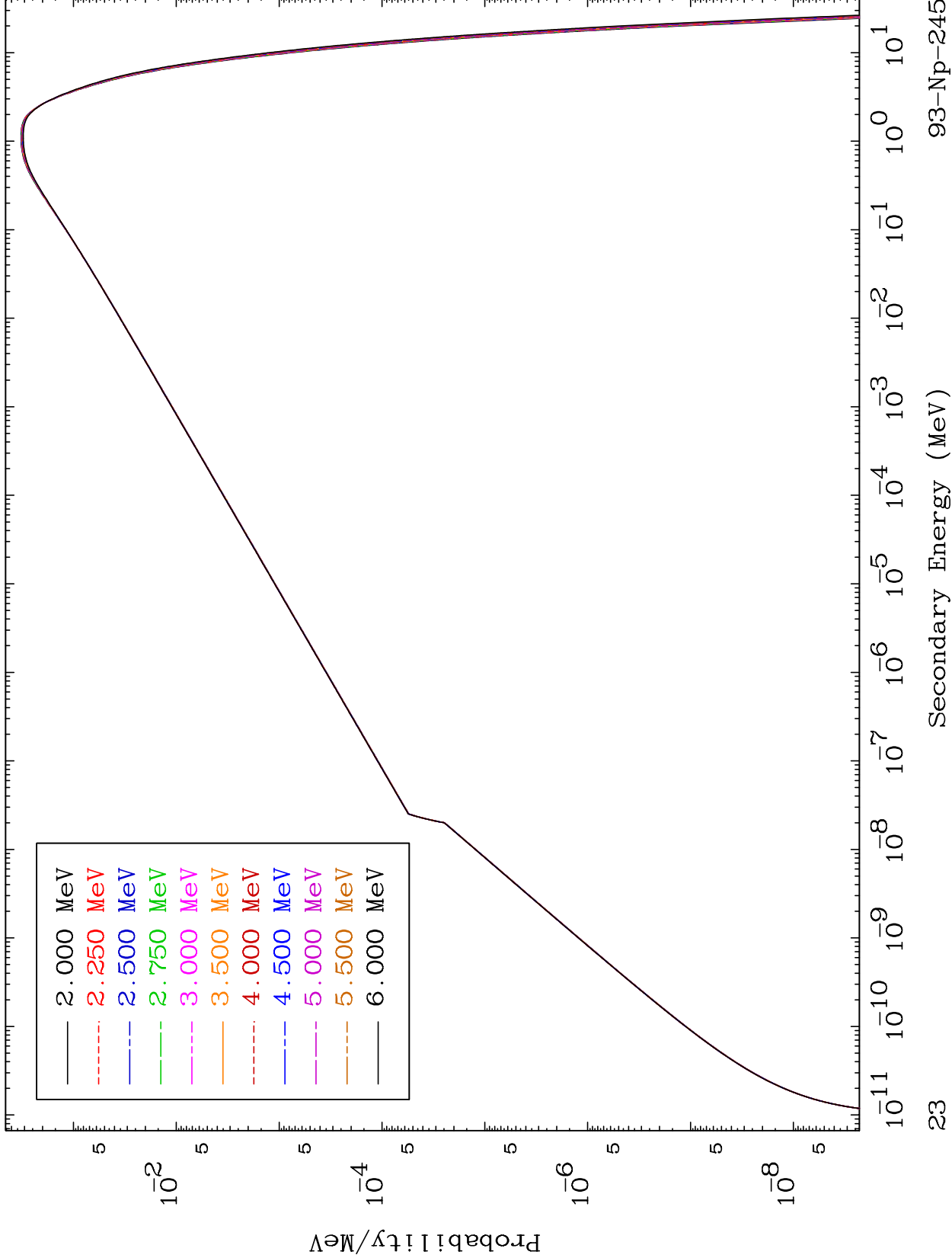
Secondary Energy (MeV)

22

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### Fission Energy Distributions

93-Np-245

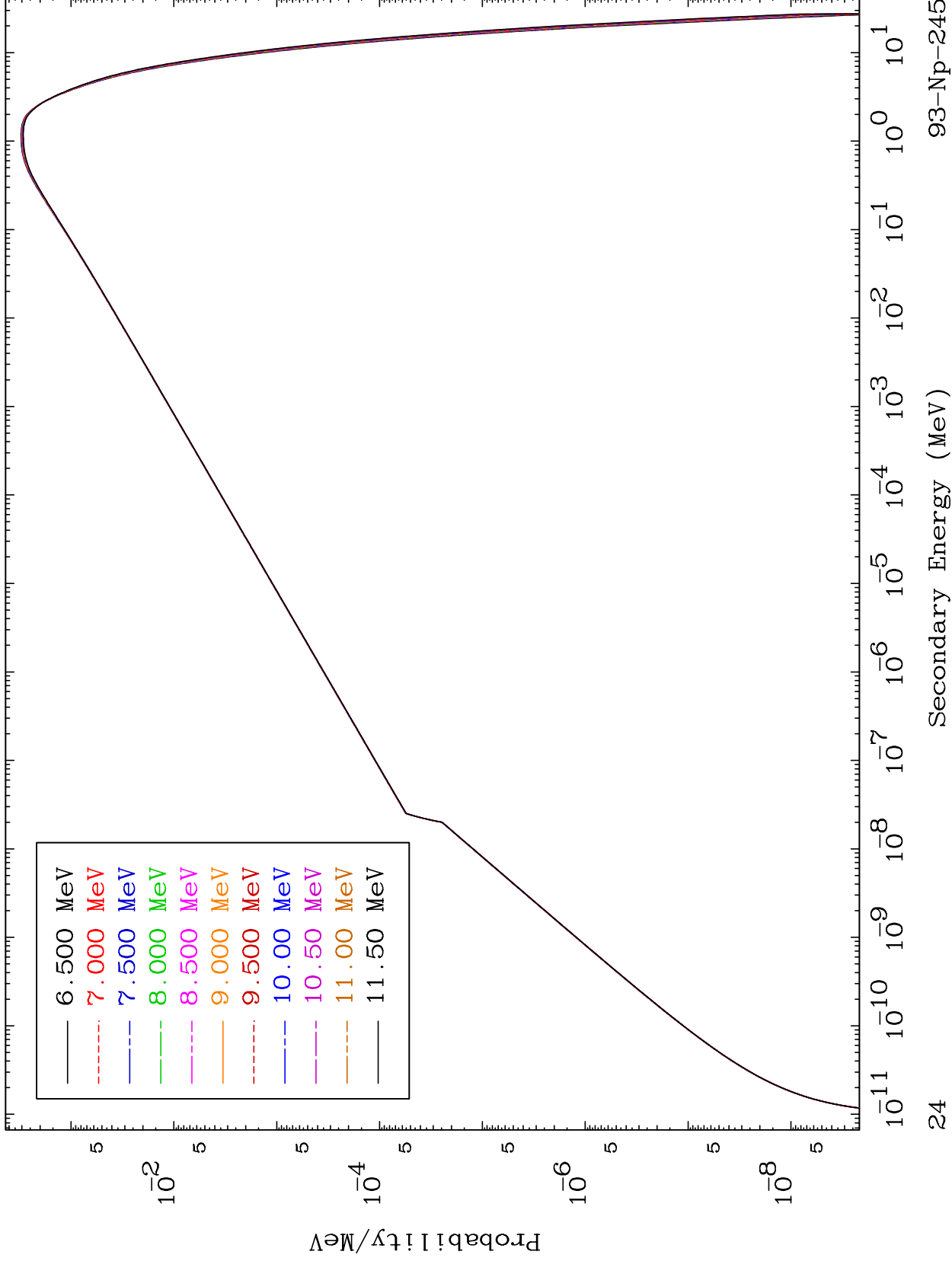




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### Fission Energy Distributions

93-Np-245

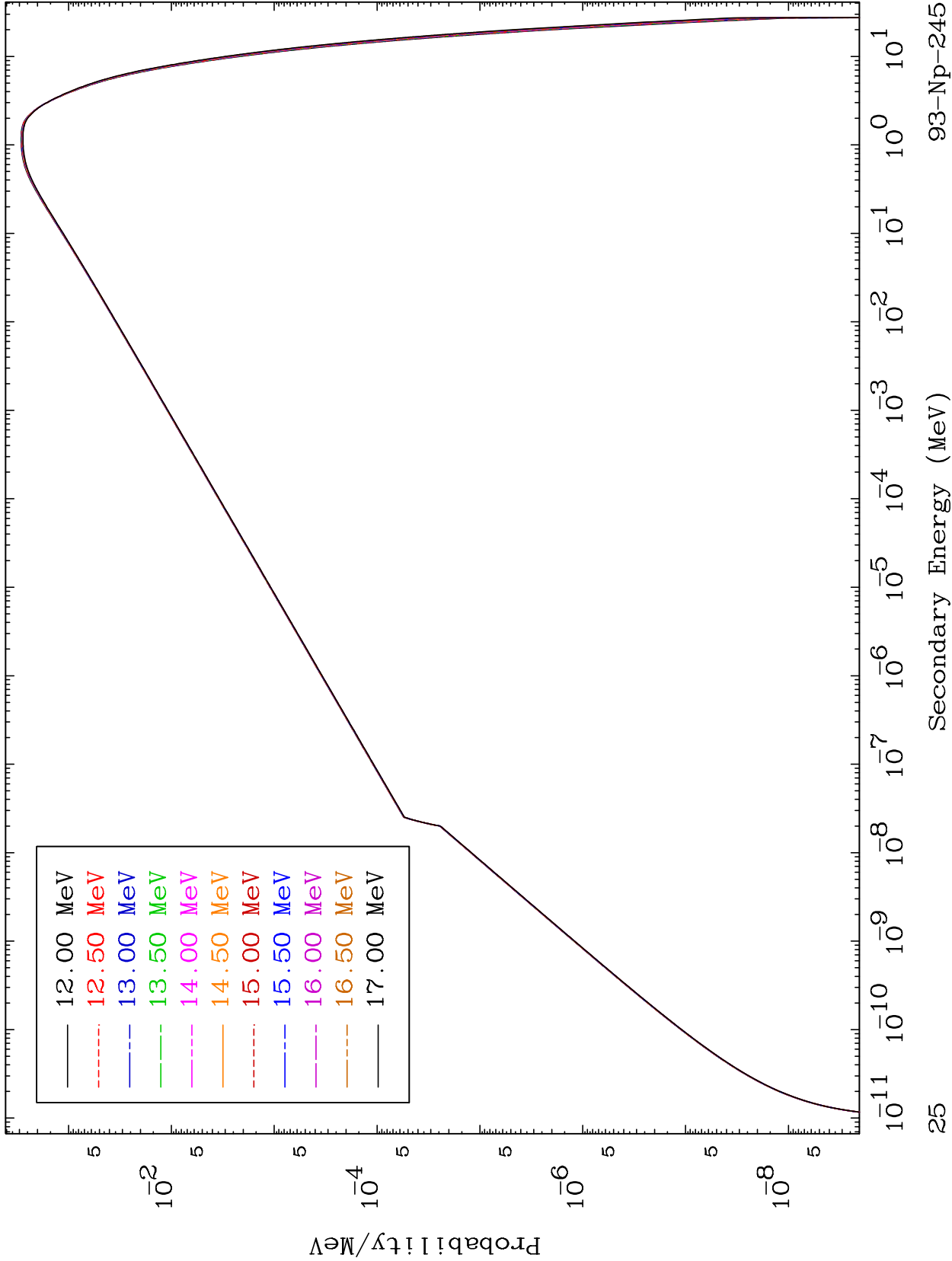


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### Fission Energy Distributions

93-Np-245



93-Np-245

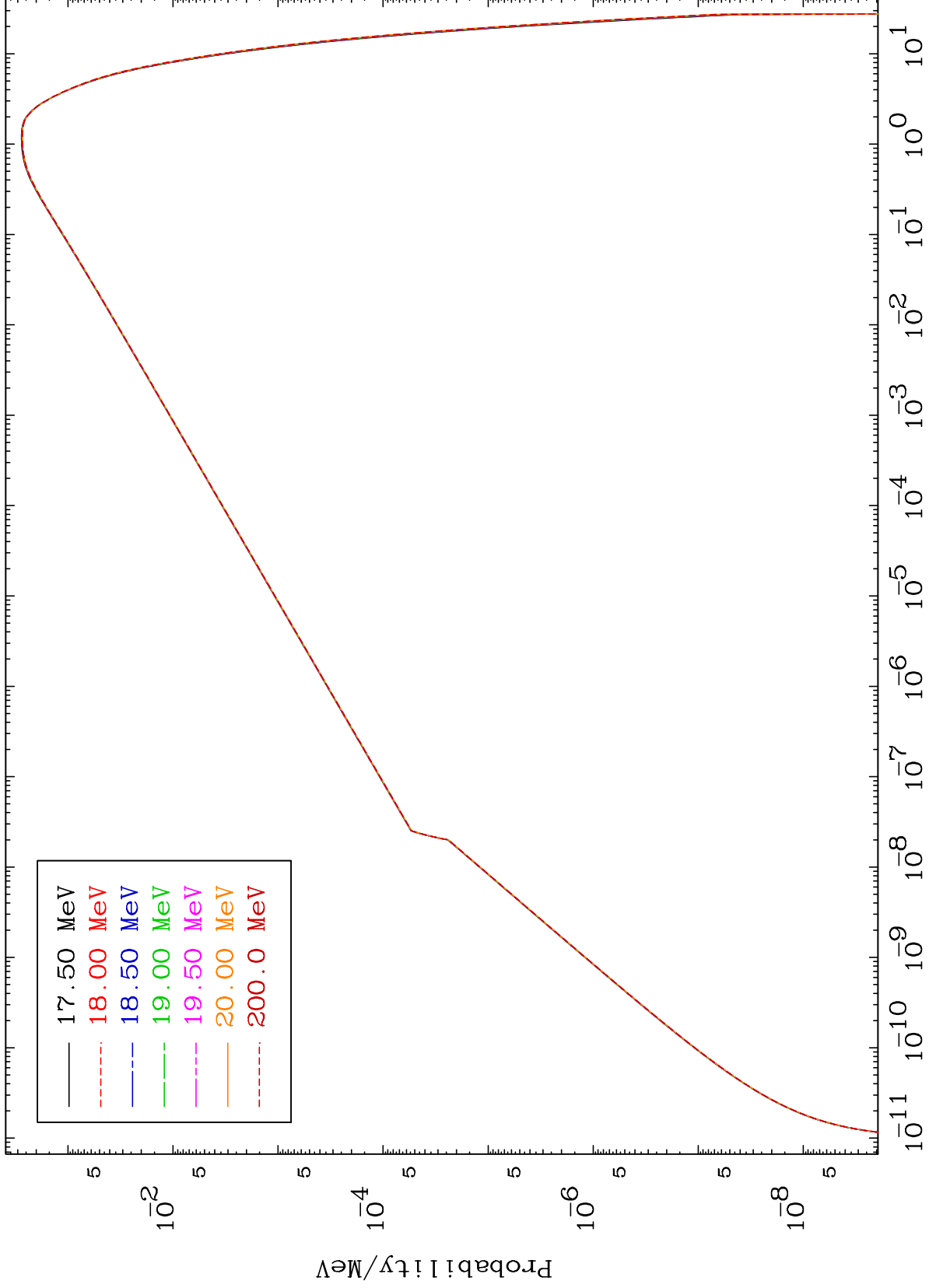
Secondary Energy (MeV)

25

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Fission  
Energy Distributions

93-Np-245



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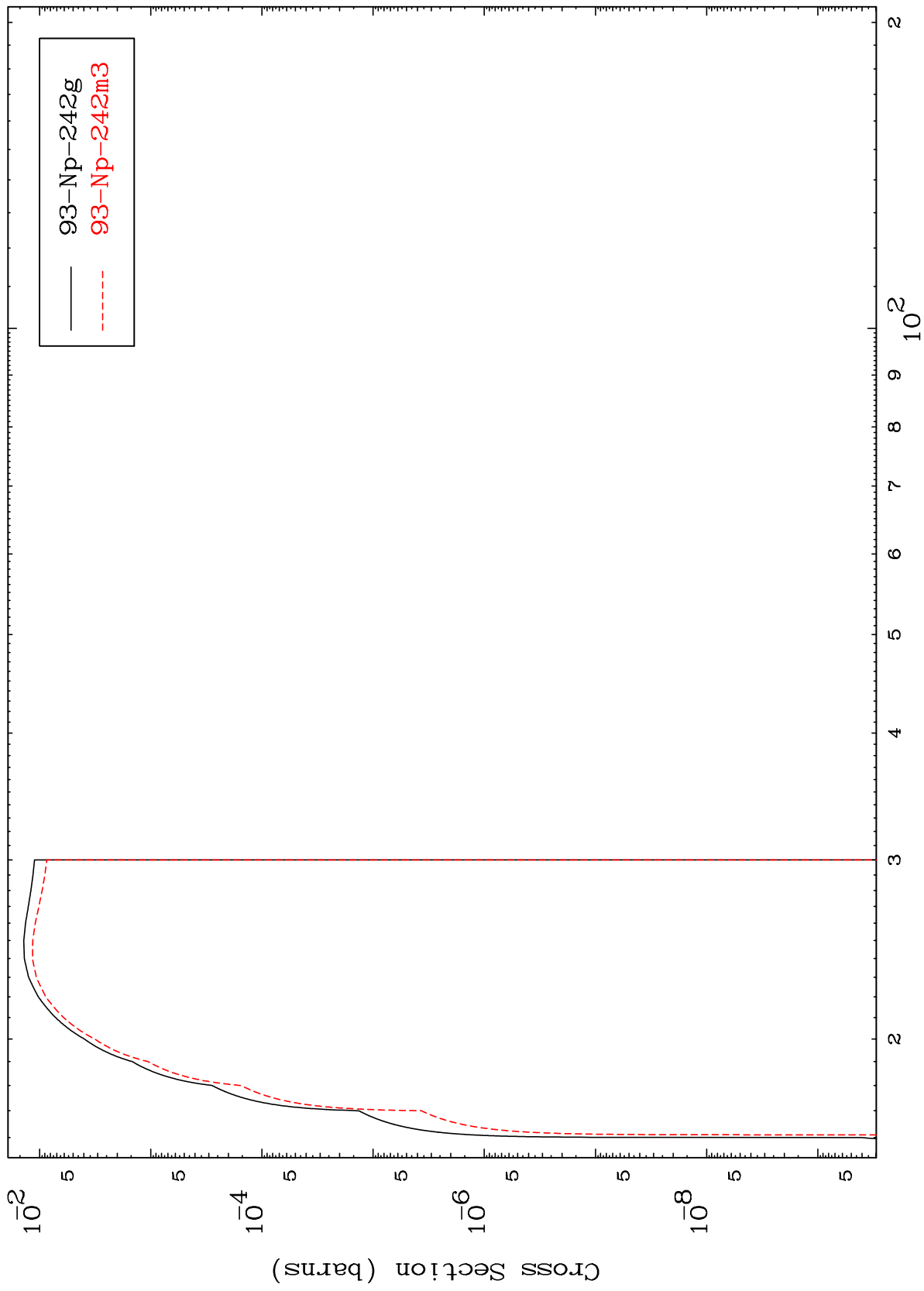
Secondary Energy (MeV)

93-Np-245

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93-Np-245

(n,4n)  
Radionuclide Production Cross Section



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Incident Energy (MeV)

93-Np-245