

Program EVALPLOT  
(Version 2015-2)

by

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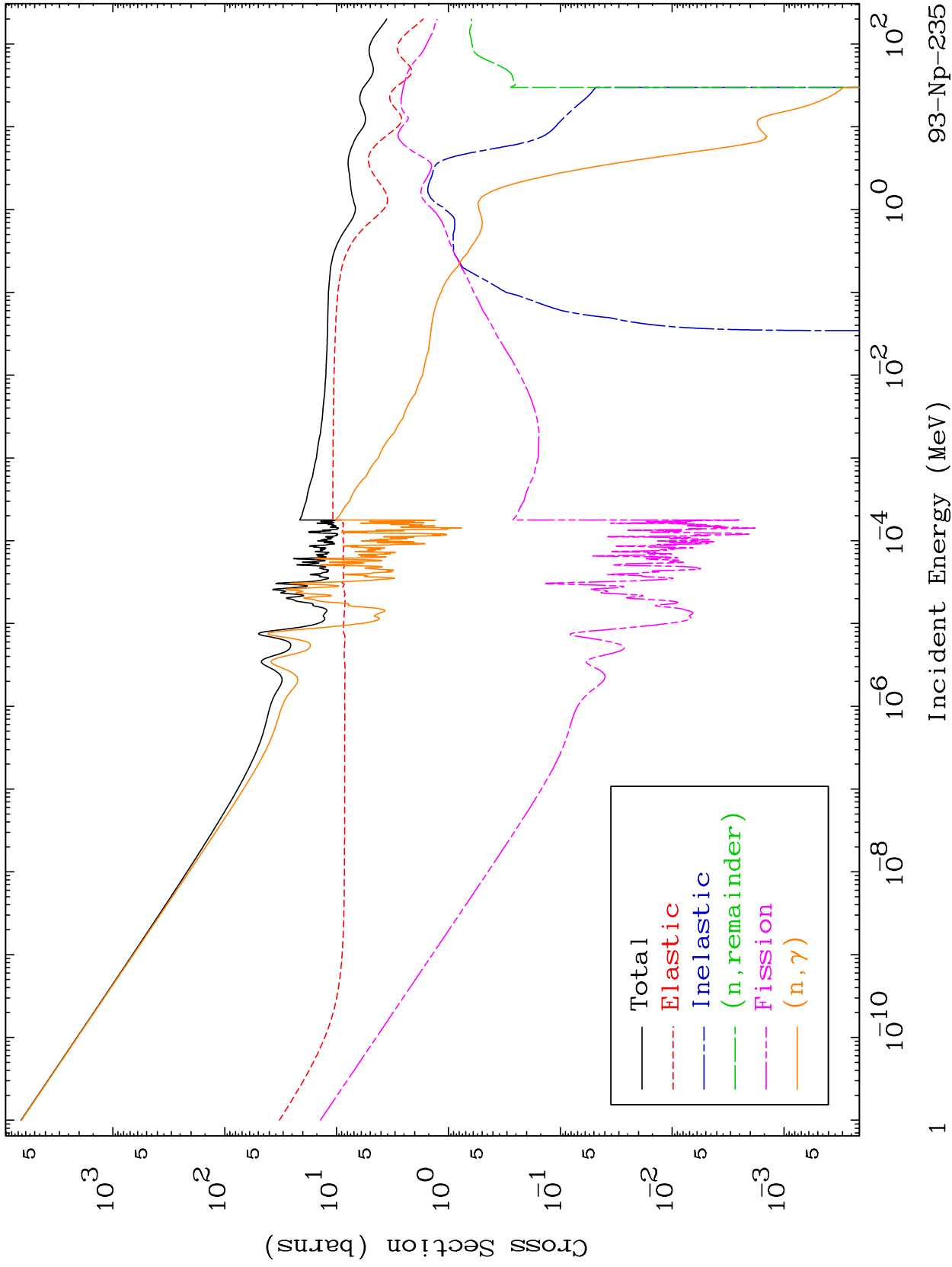
Press Mouse Button to Start

MAT 9340

Major

293 Kelvin Cross Sections

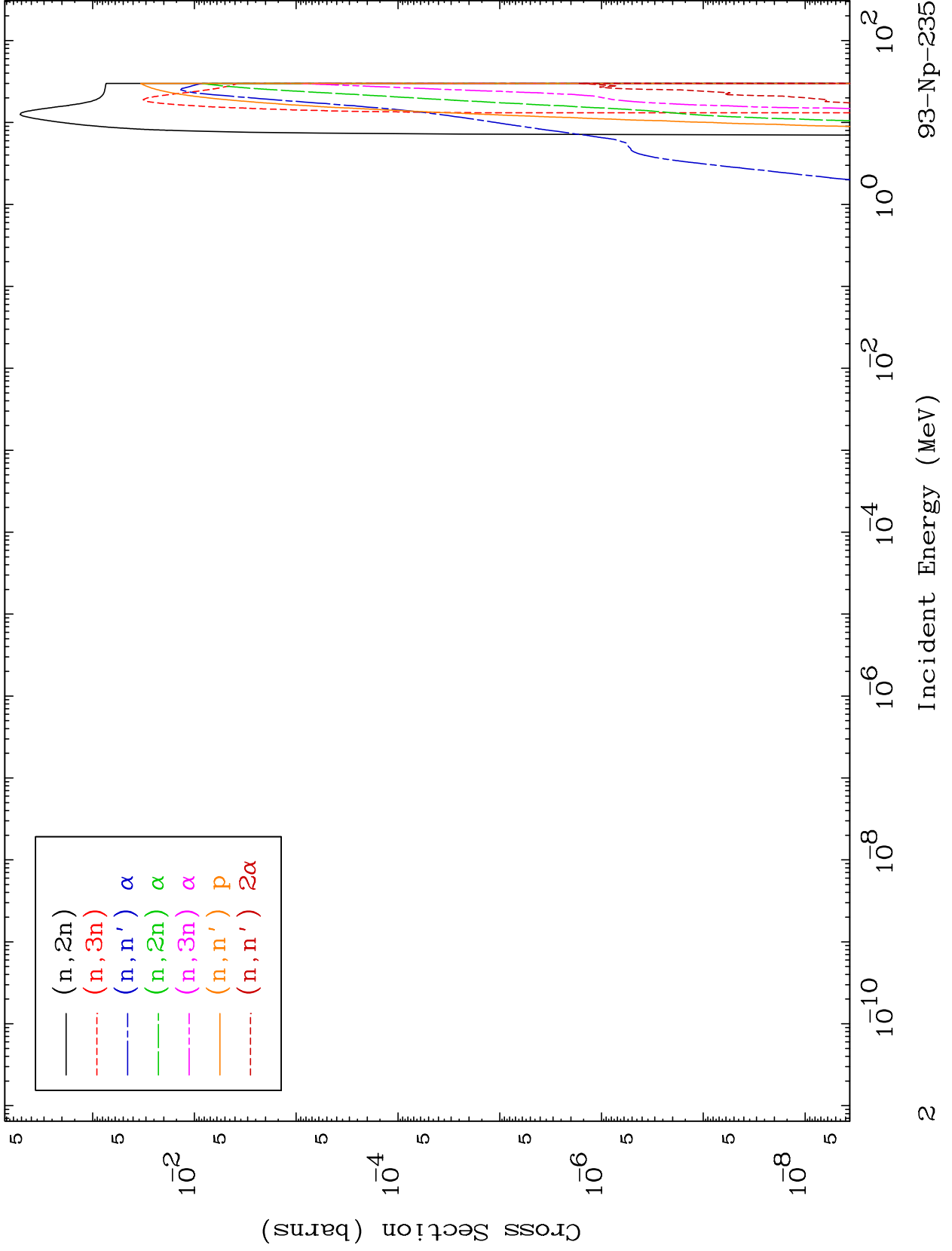
93-Np-235



MAT 9340

Neutron Production  
293 Kelvin Cross Sections

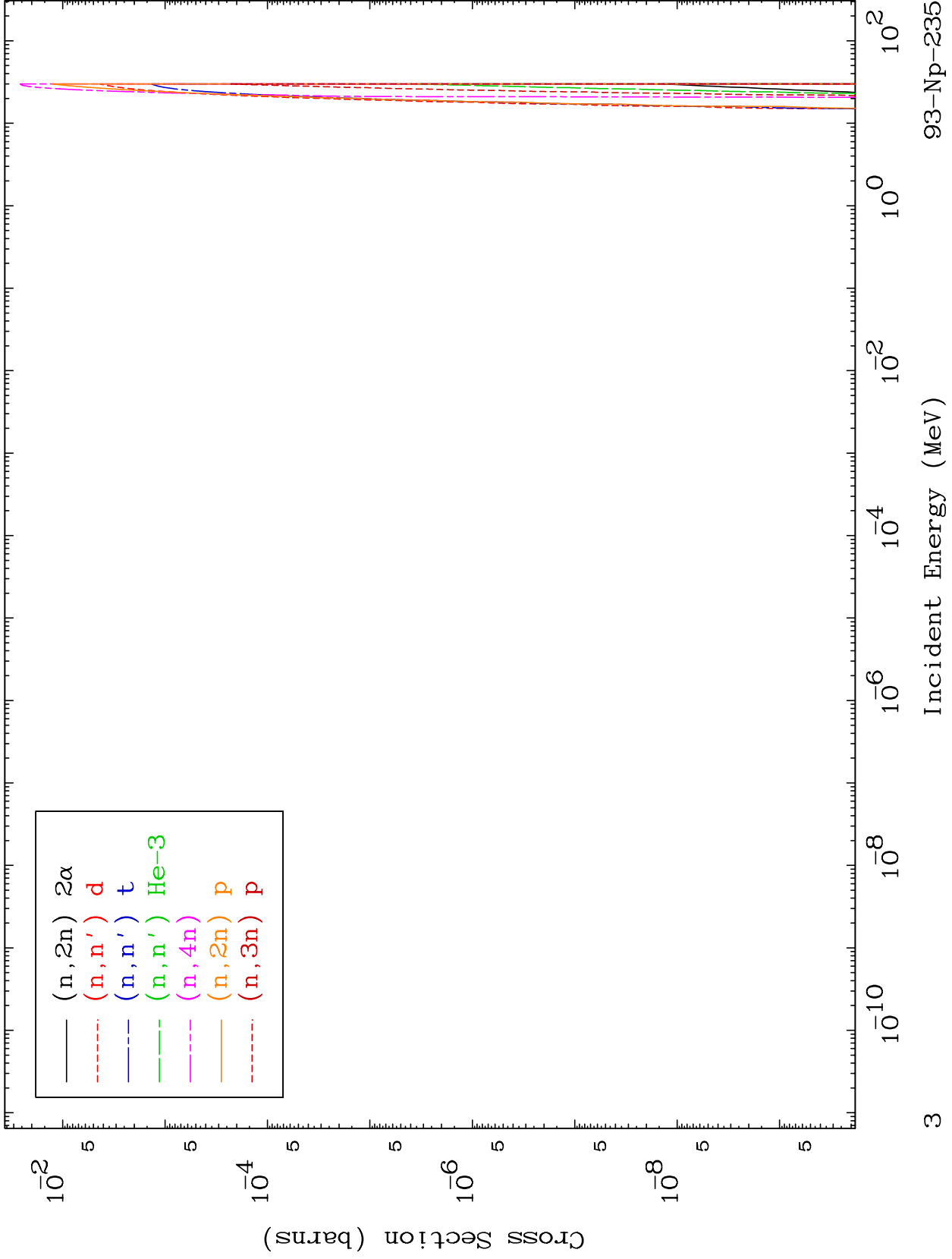
93-Np-235



MAT 9340

Neutron Production  
293 Kelvin Cross Sections

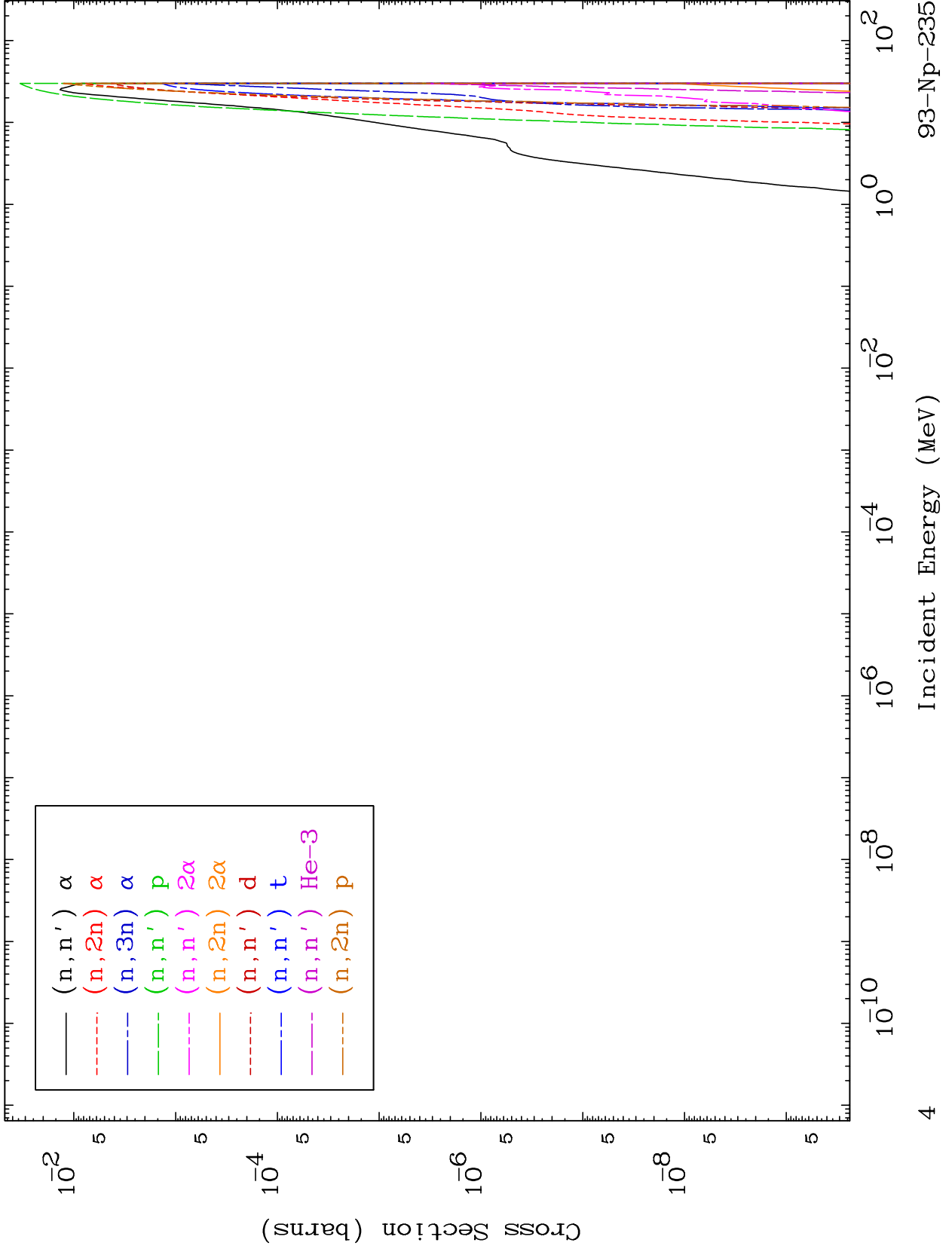
93-Np-235



MAT 9340

Charged Particle  
293 Kelvin Cross Sections

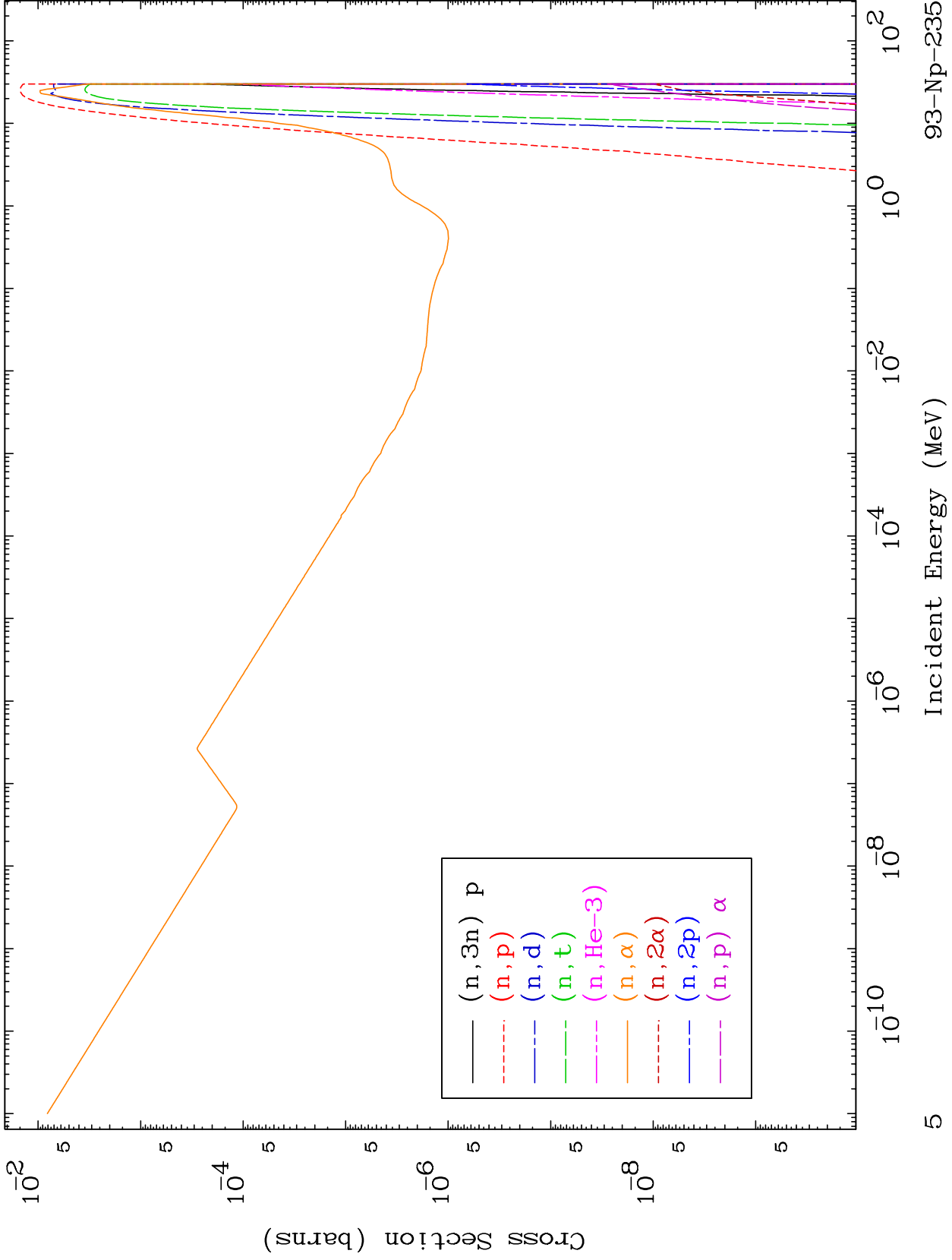
93-Np-235



MAT 9340

Charged Particle  
293 Kelvin Cross Sections

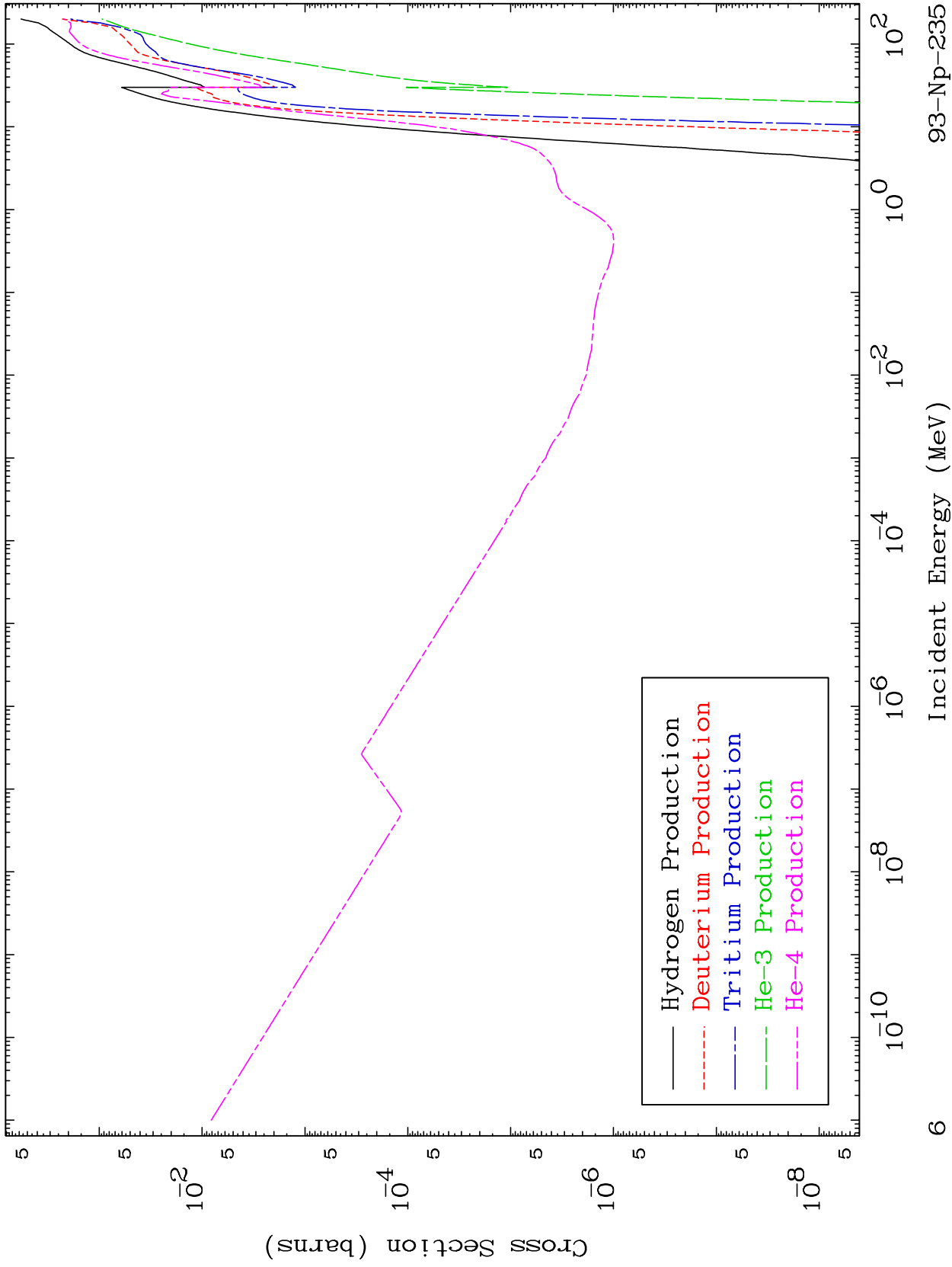
93-Np-235



MAT 9340

Particle Production  
293 Kelvin Cross Sections

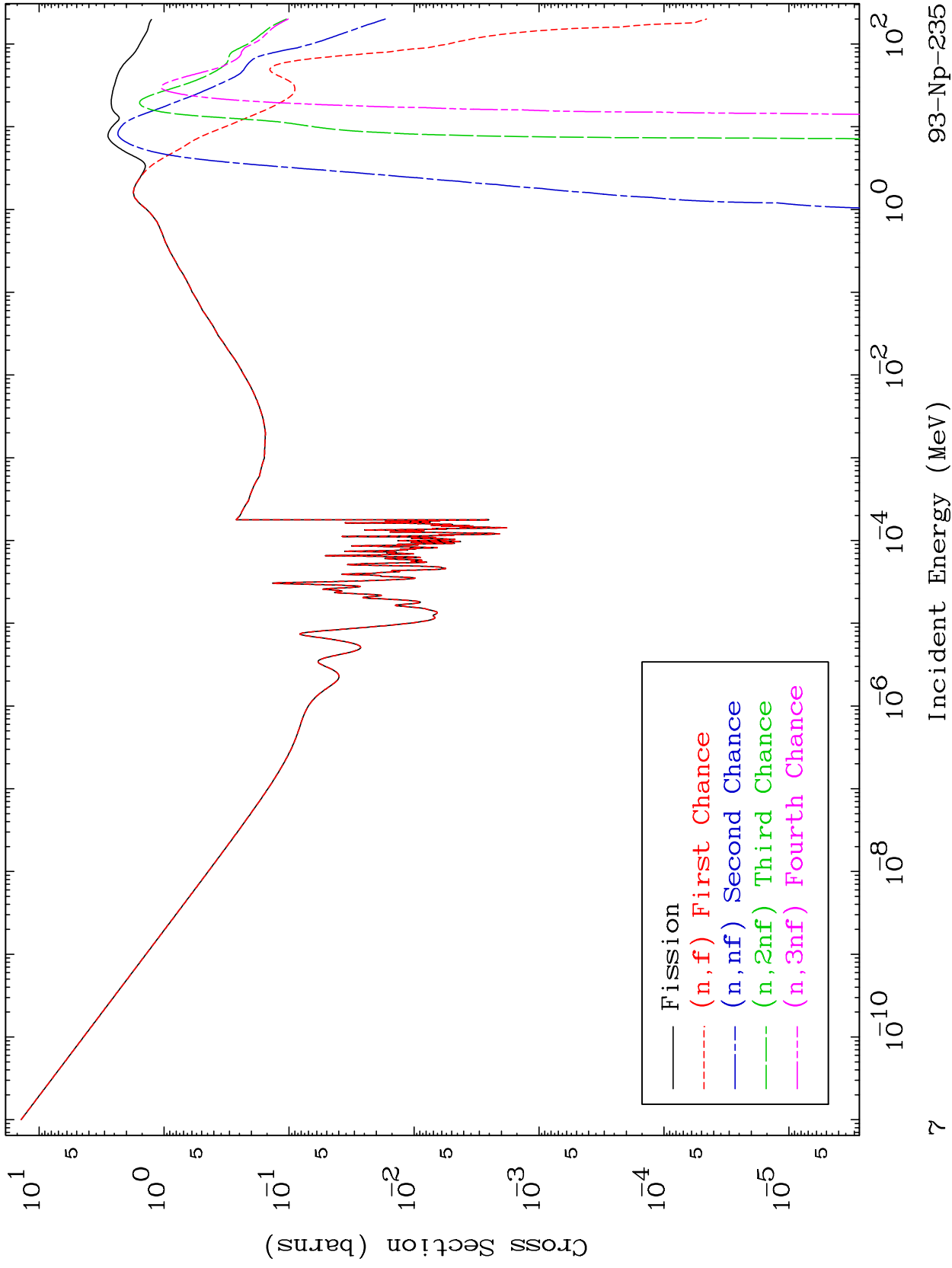
93-Np-235



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Fission  
293 Kelvin Cross Sections

93-Np-235



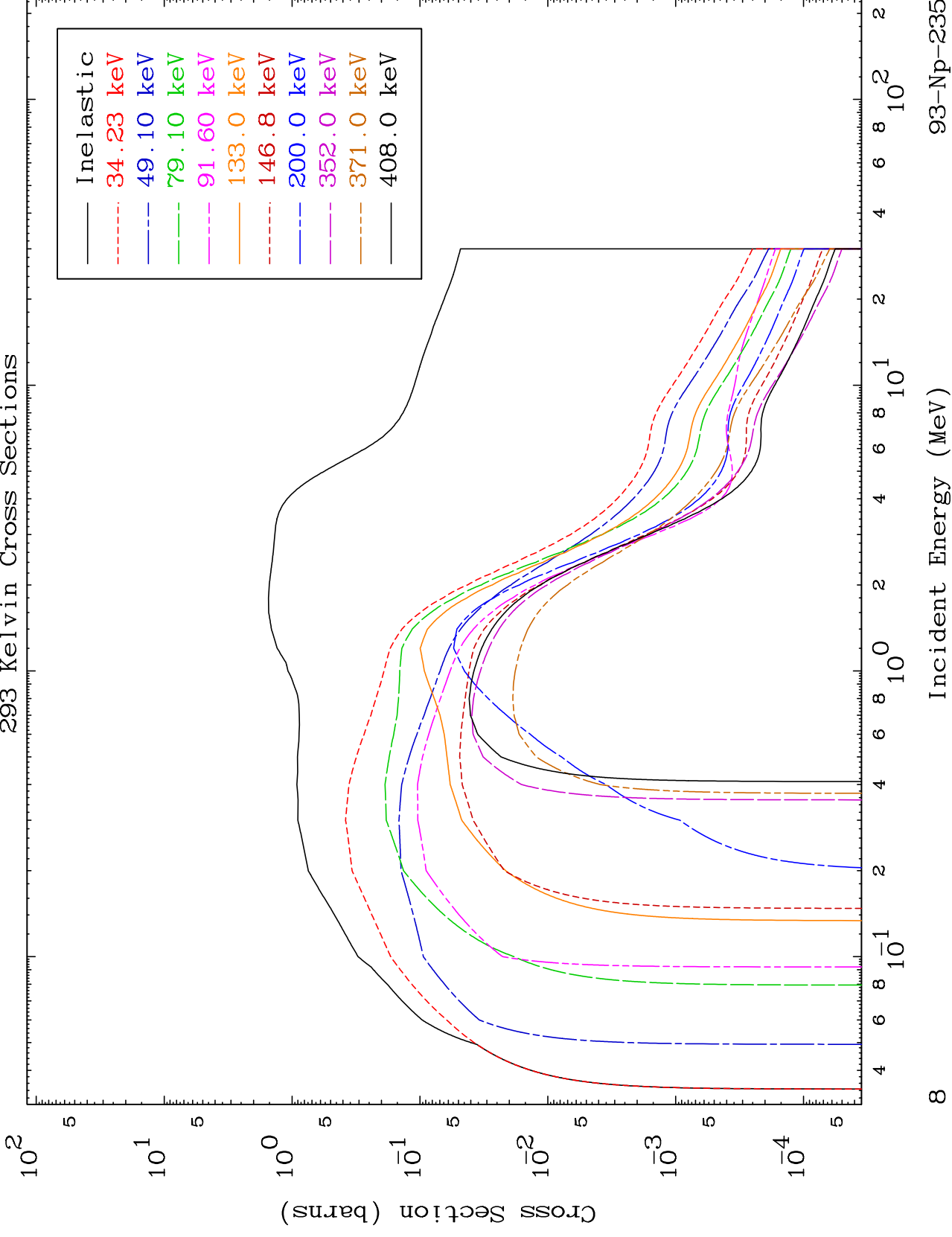


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(n,n') Level

93-Np-235

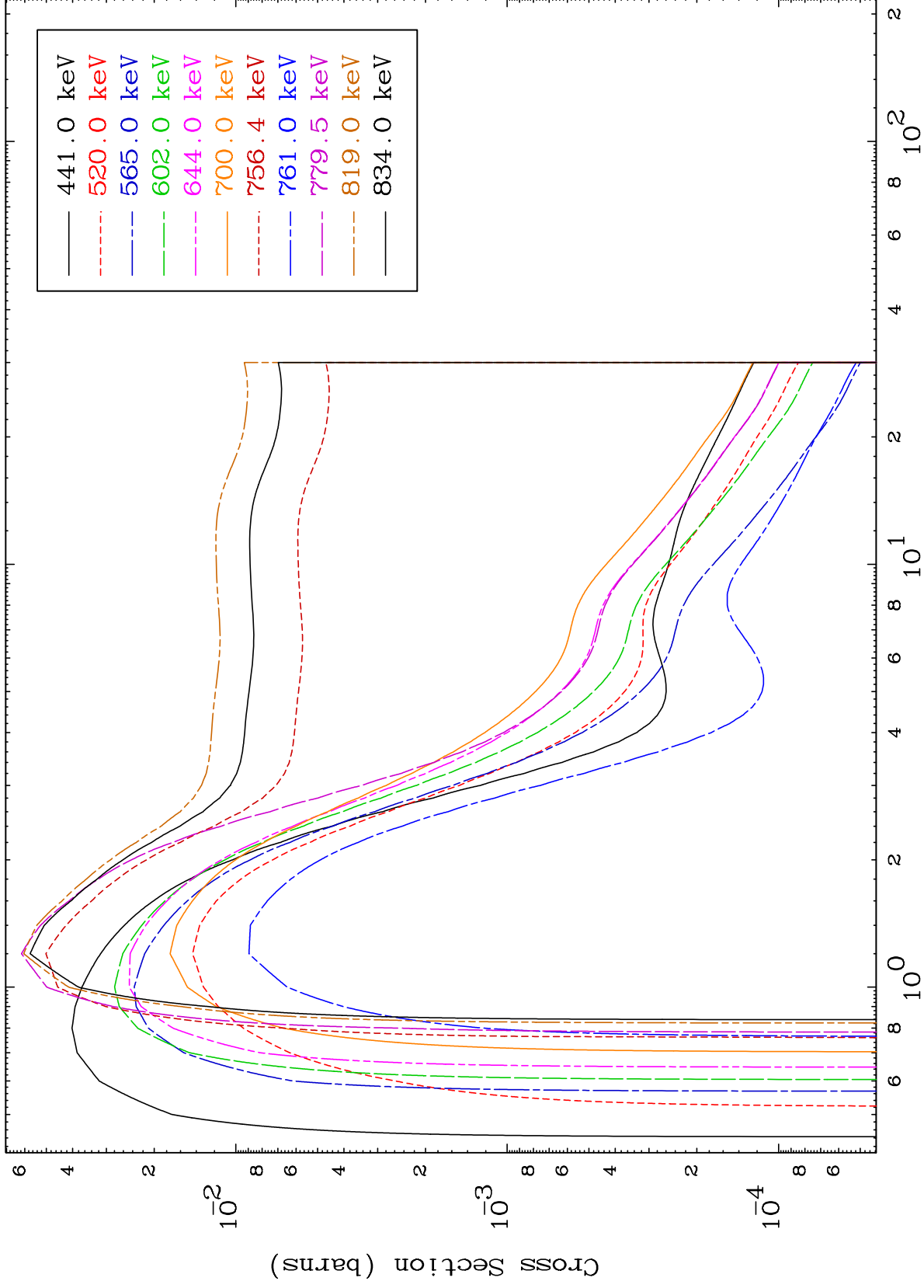
293 Kelvin Cross Sections



MAT 9340

(n,n') Level  
293 Kelvin Cross Sections

93-Np-235



9

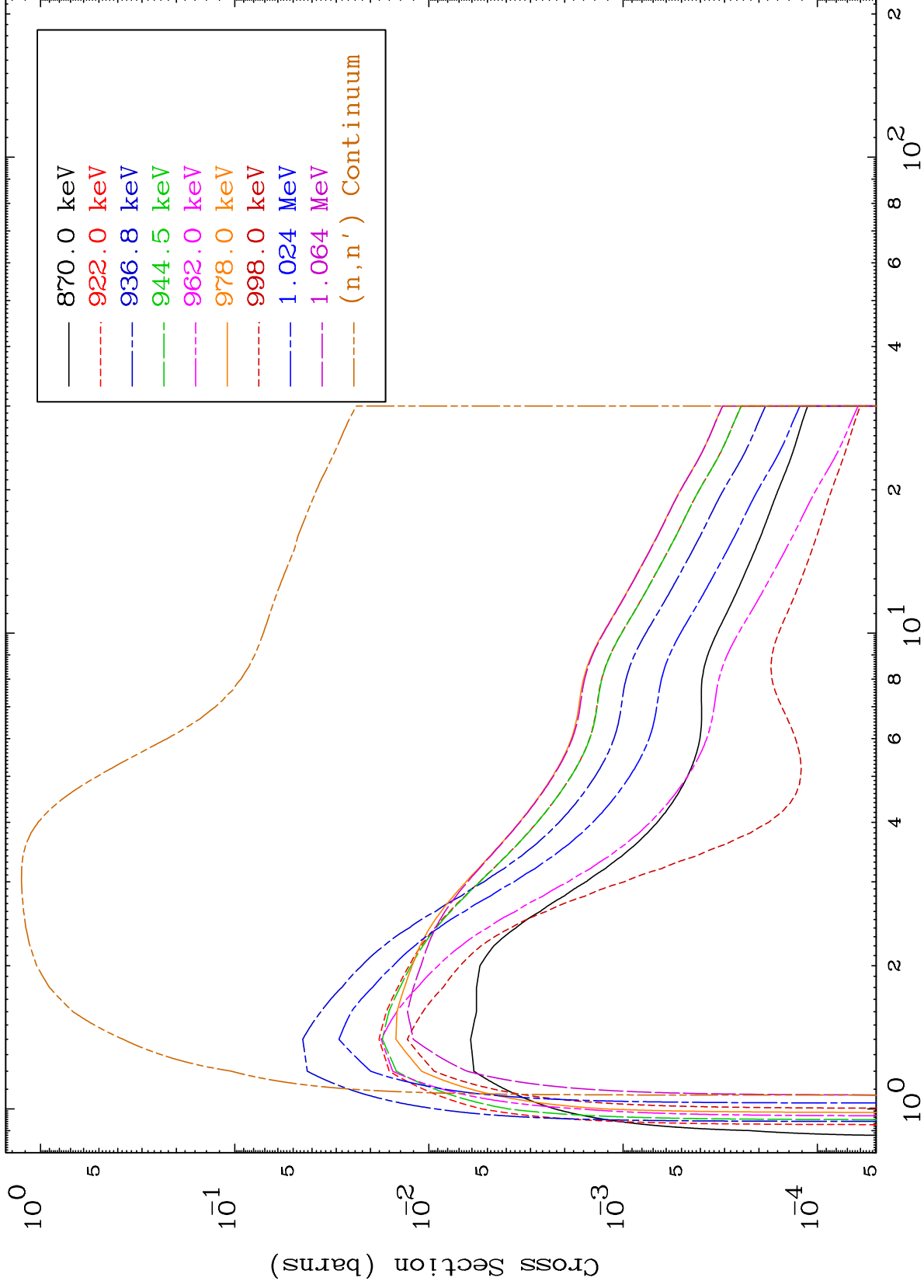
Incident Energy (MeV)

93-Np-235

MAT 9340

(n,n') Level  
293 Kelvin Cross Sections

93-Np-235



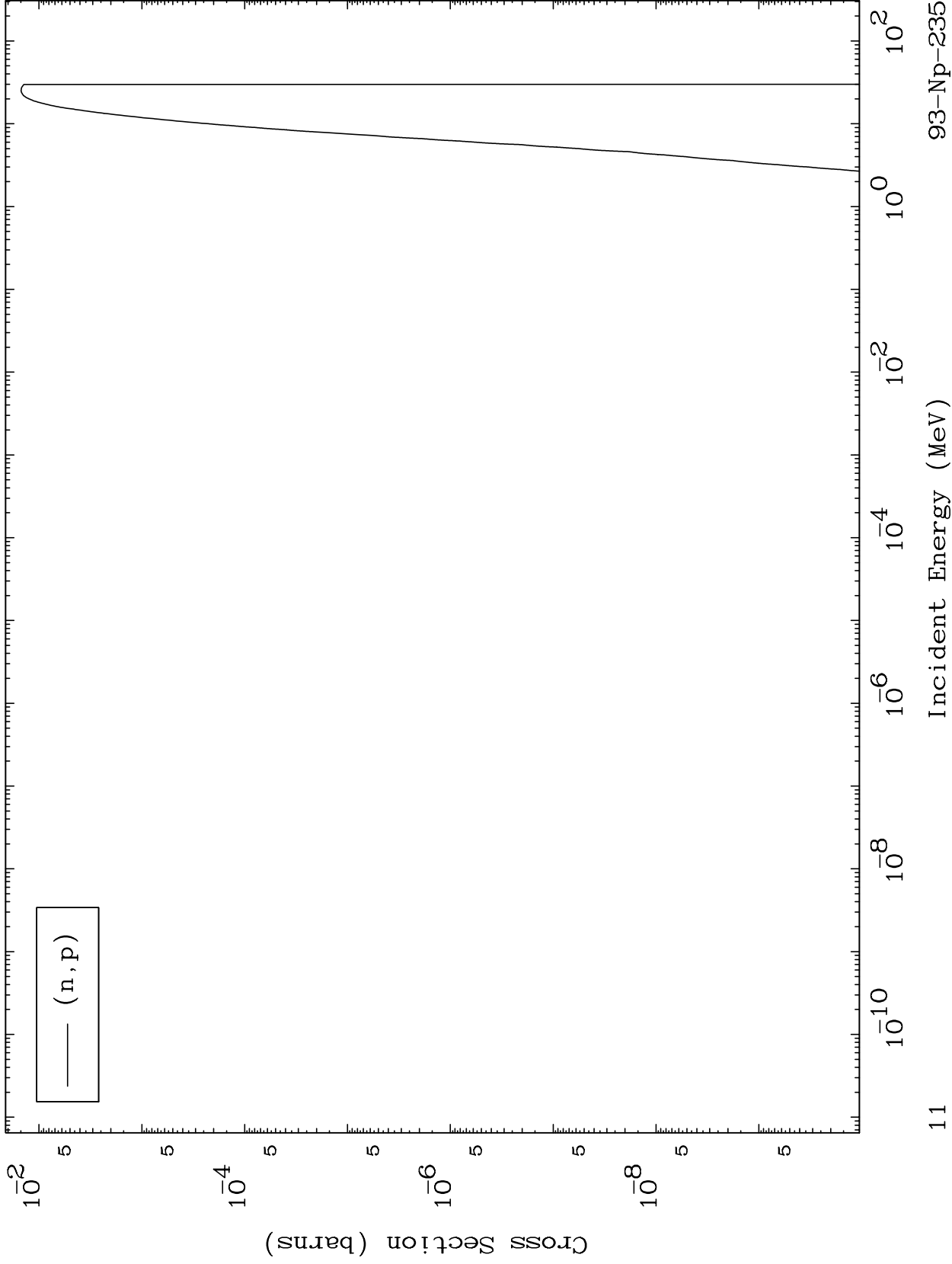
Incident Energy (MeV)

93-Np-235

MAT 9340

(n,p) Levels  
293 Kelvin Cross Sections

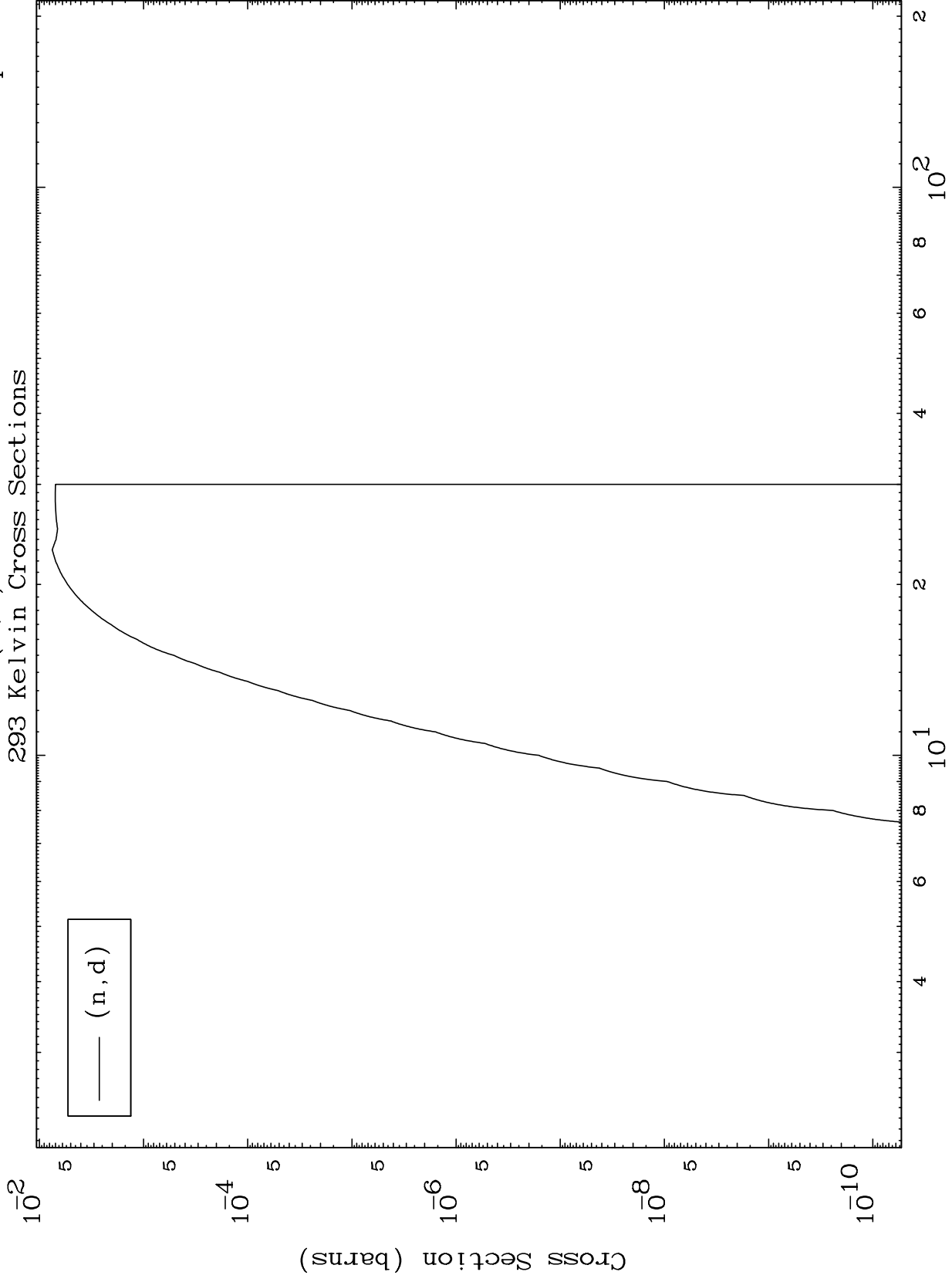
93-Np-235



MAT 9340

(n,d) Levels  
293 Kelvin Cross Sections

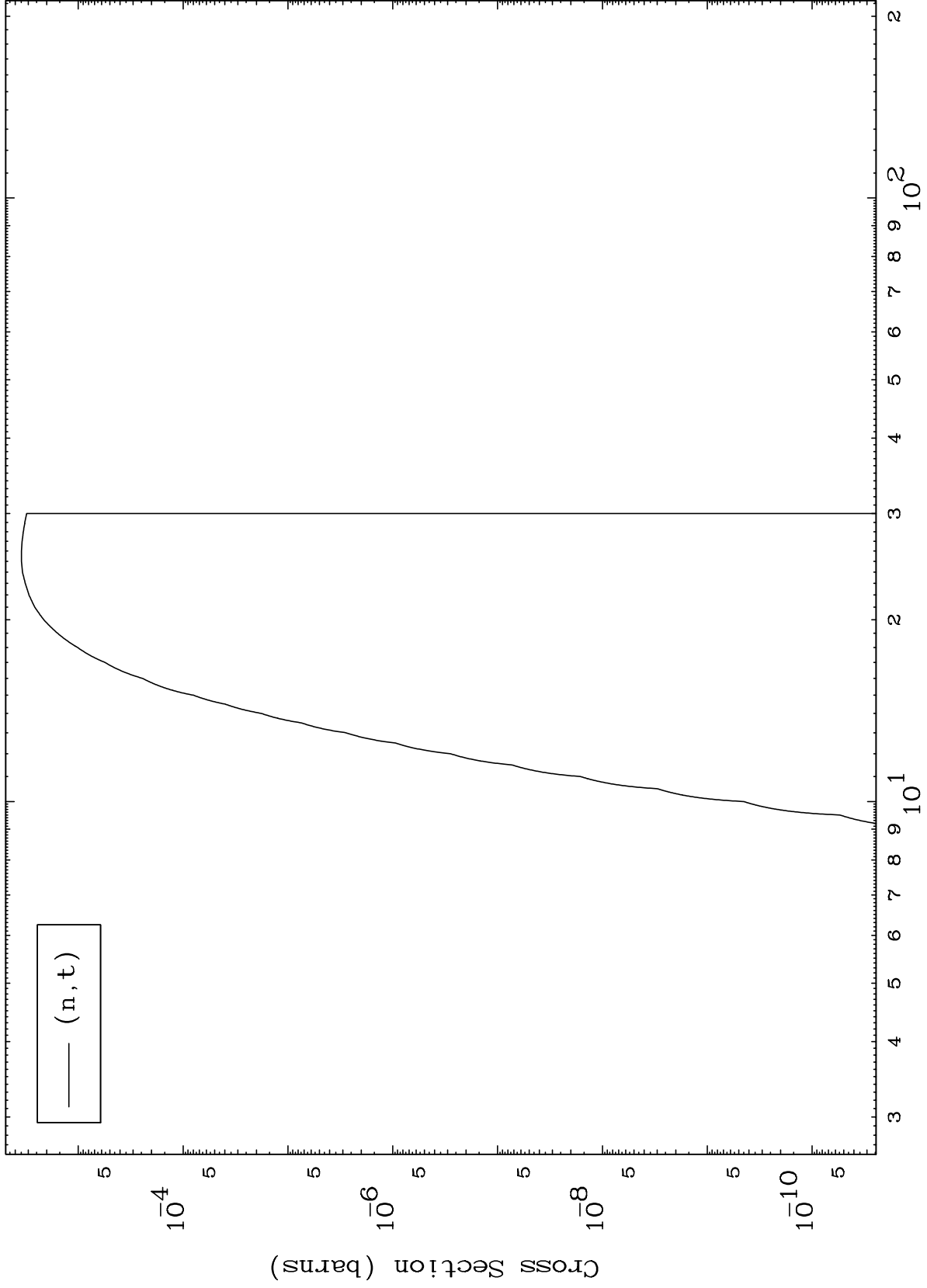
93-Np-235



MAT 9340

(n,t) Levels  
293 Kelvin Cross Sections

93-Np-235



13

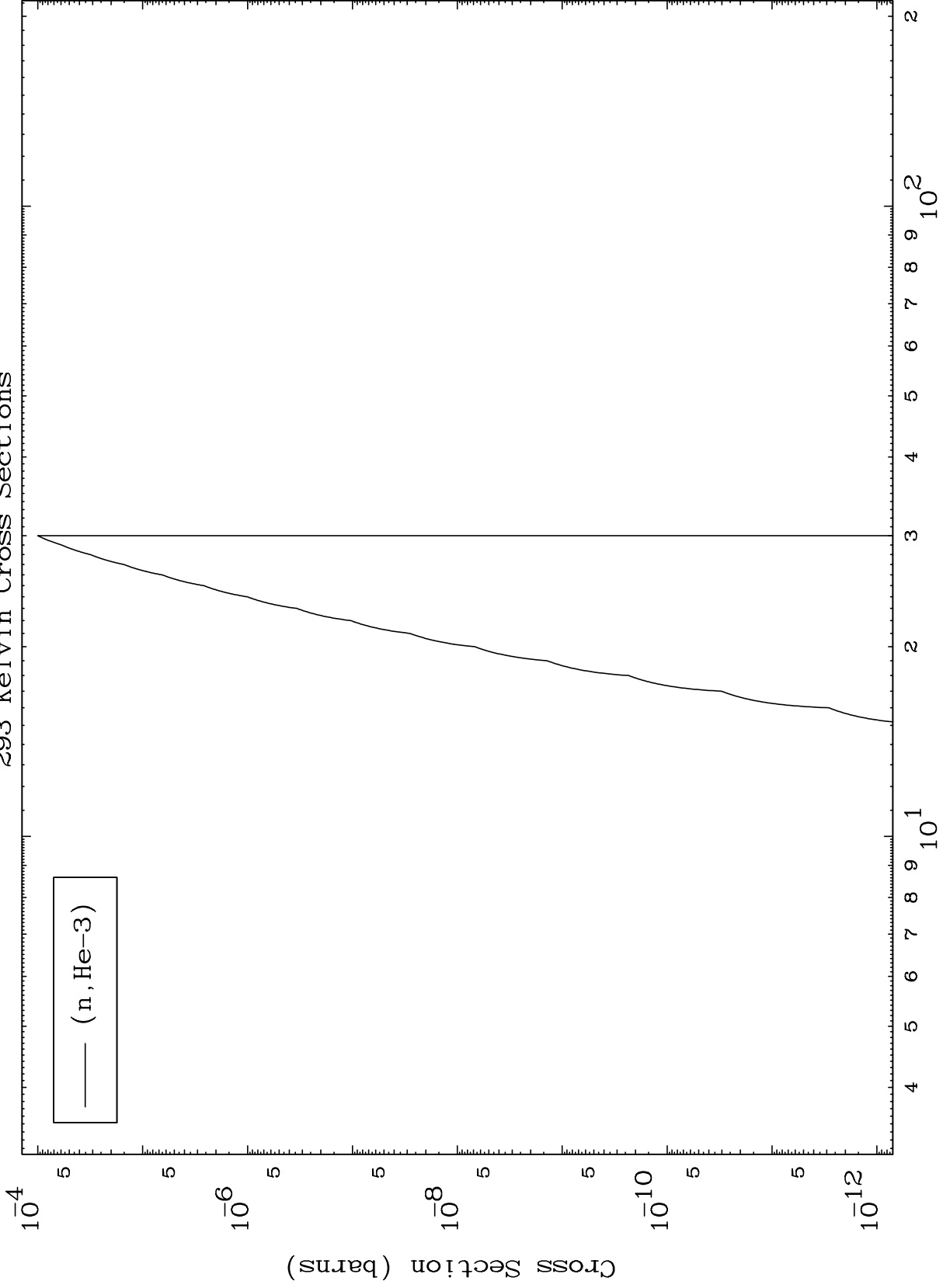
Incident Energy (MeV)

93-Np-235

MAT 9340

(n,He3) Levels  
293 Kelvin Cross Sections

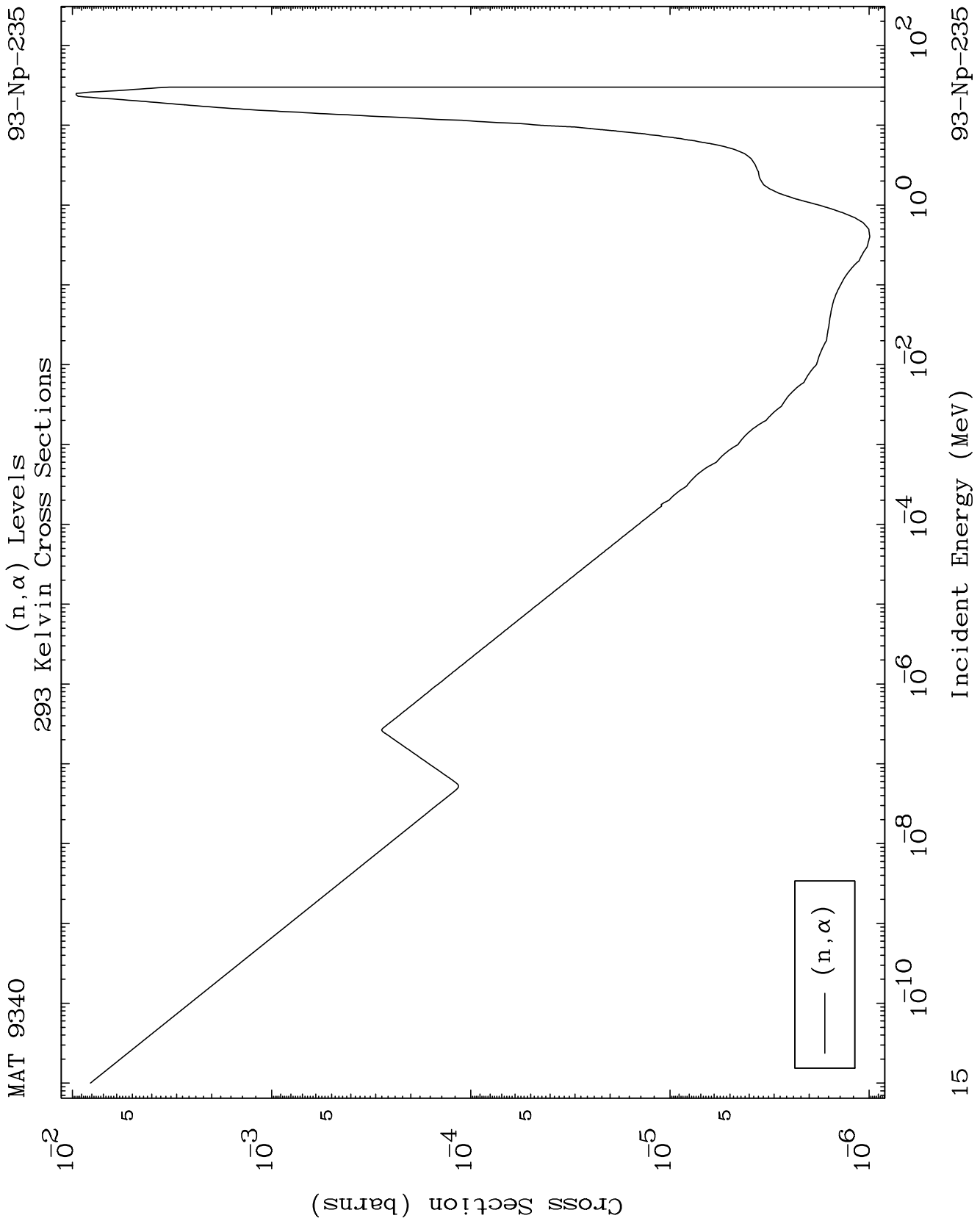
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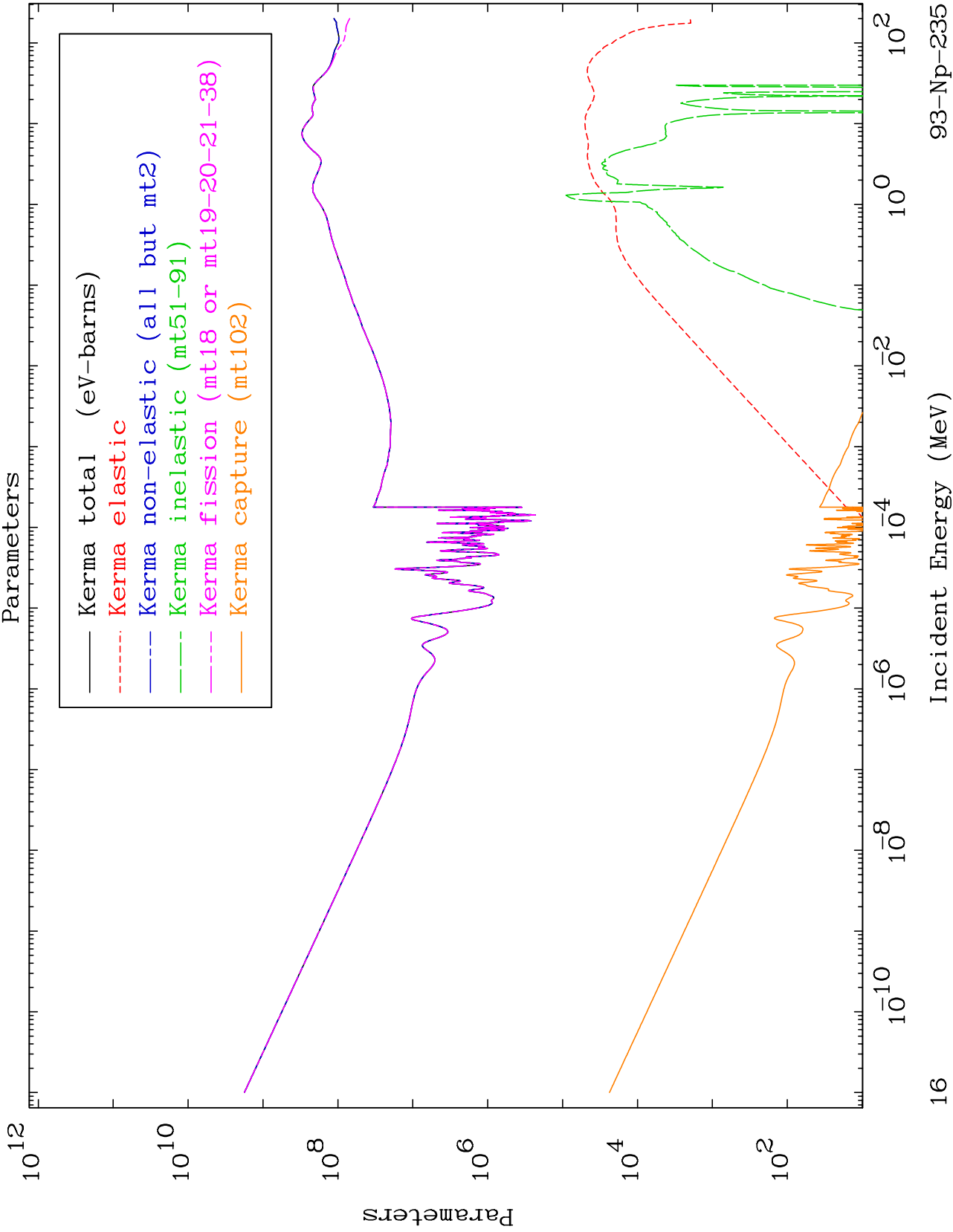
14

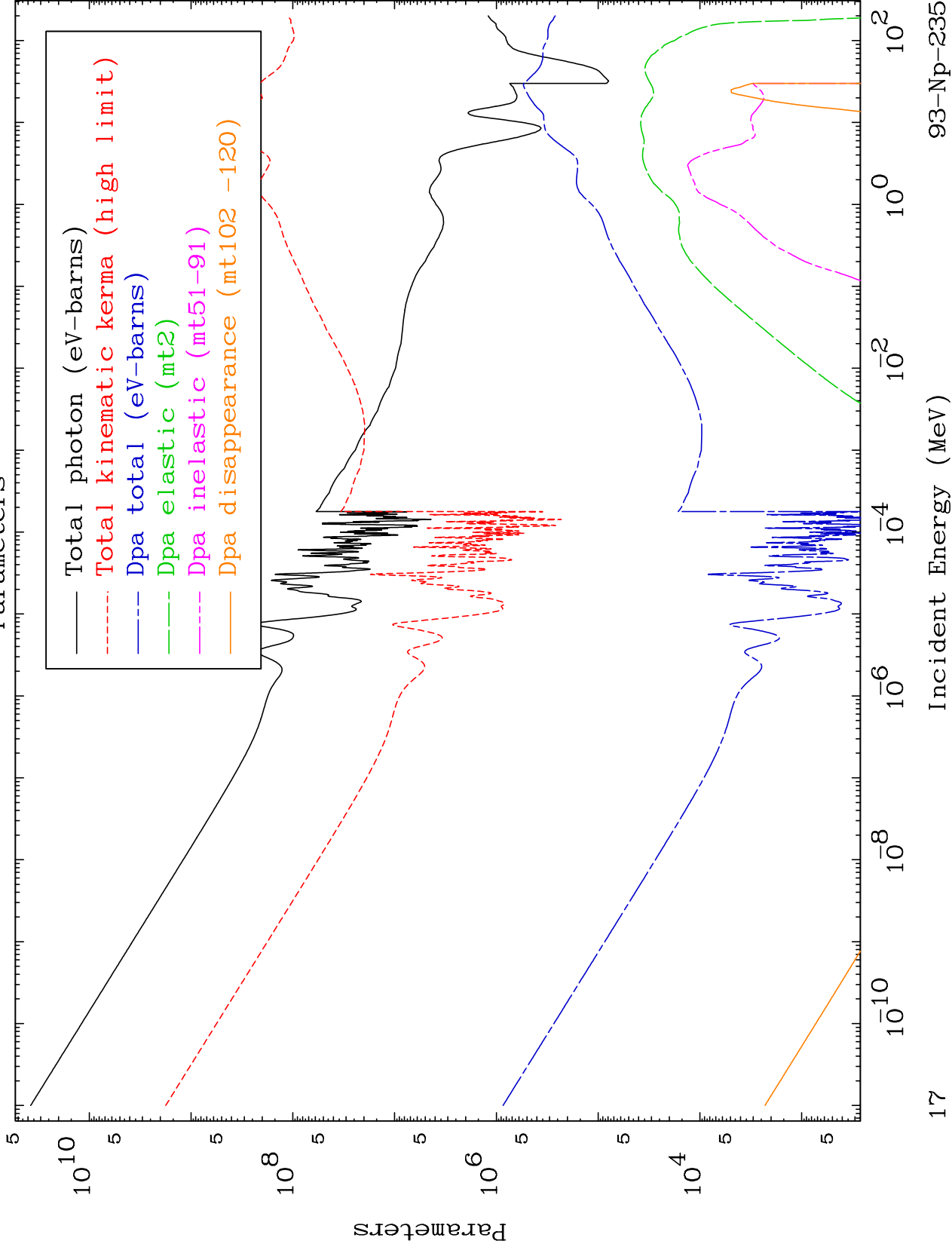
Incident Energy (MeV)

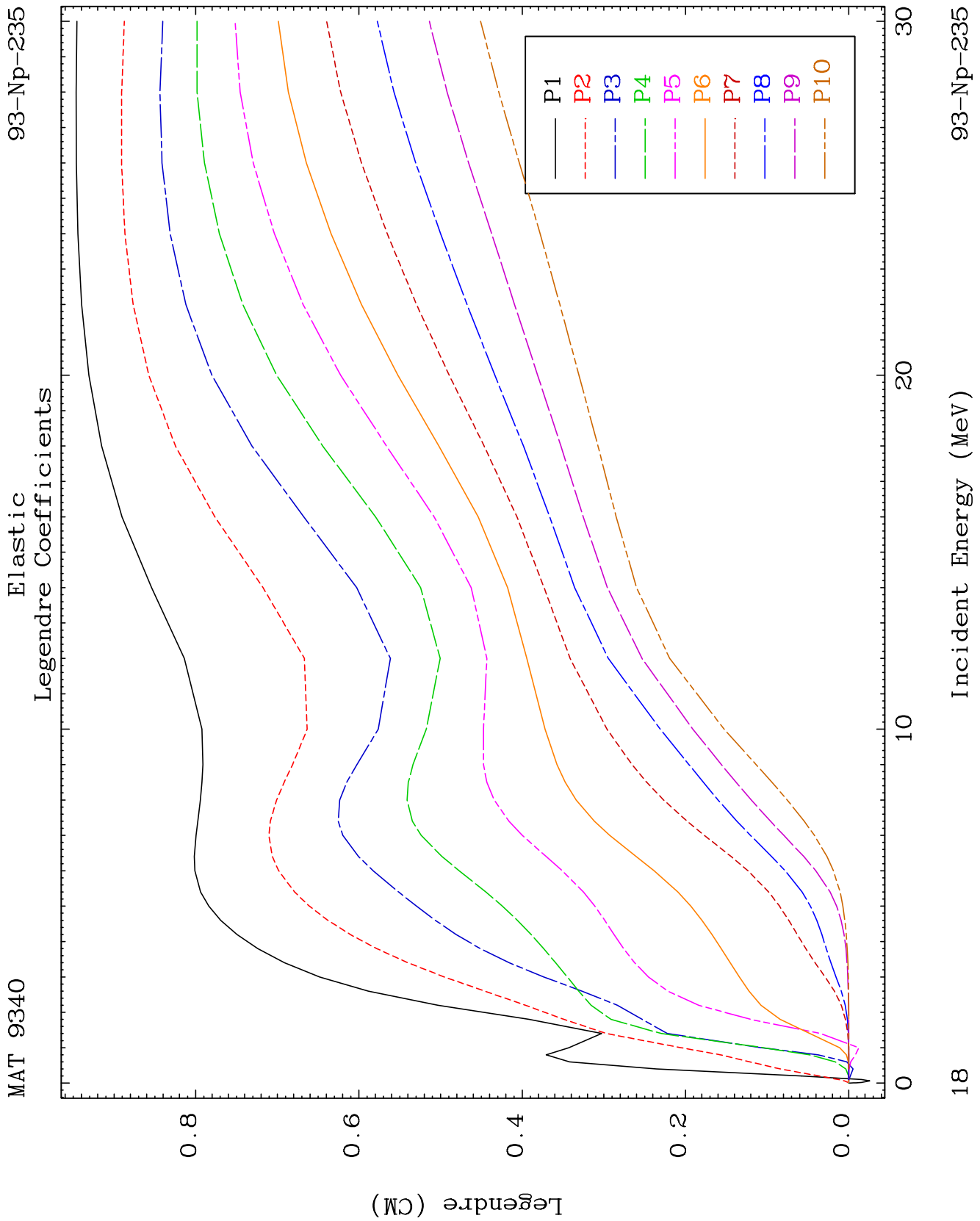
93-Np-235







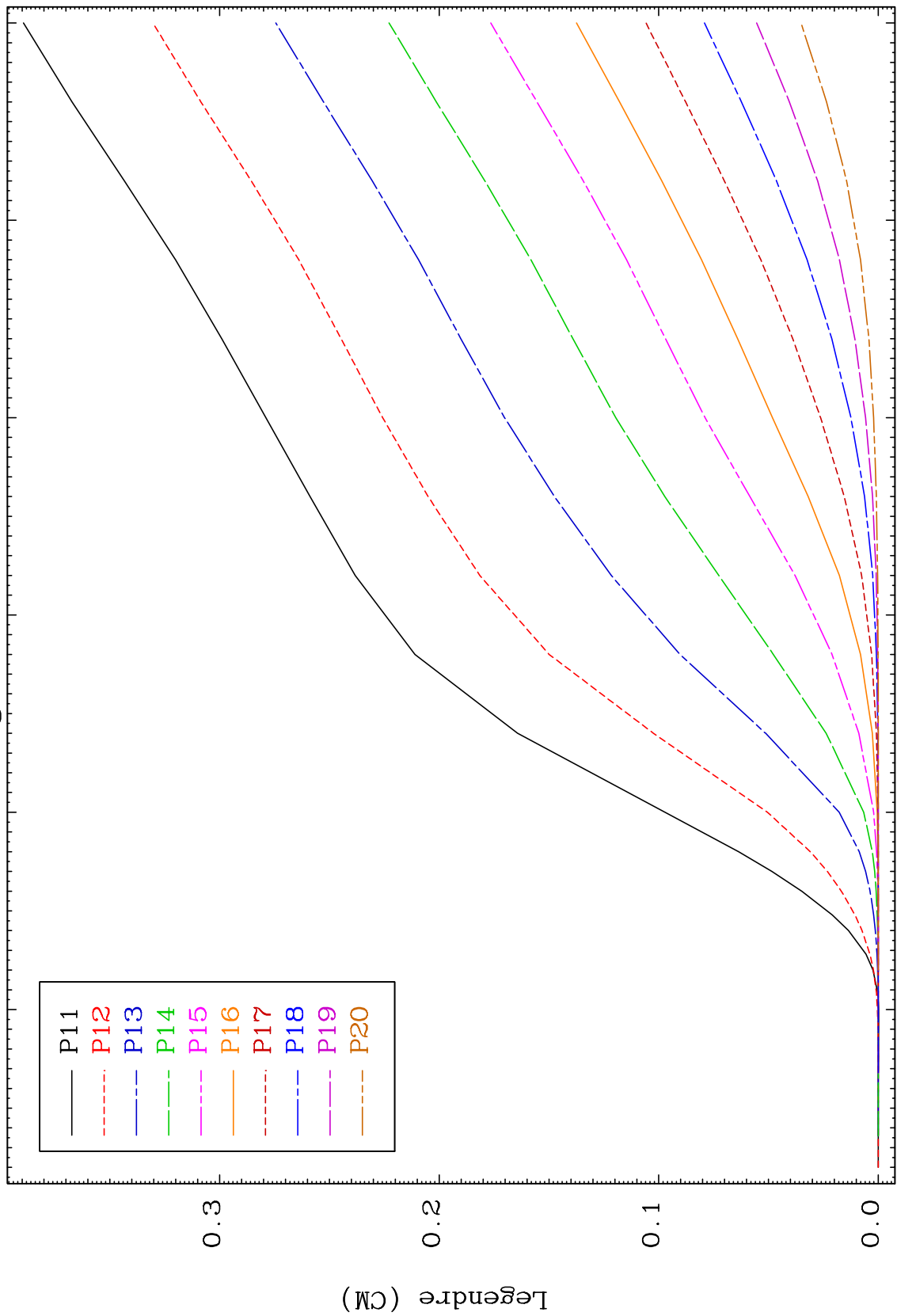




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Elastic Legendre Coefficients

<sup>93</sup>Np-235



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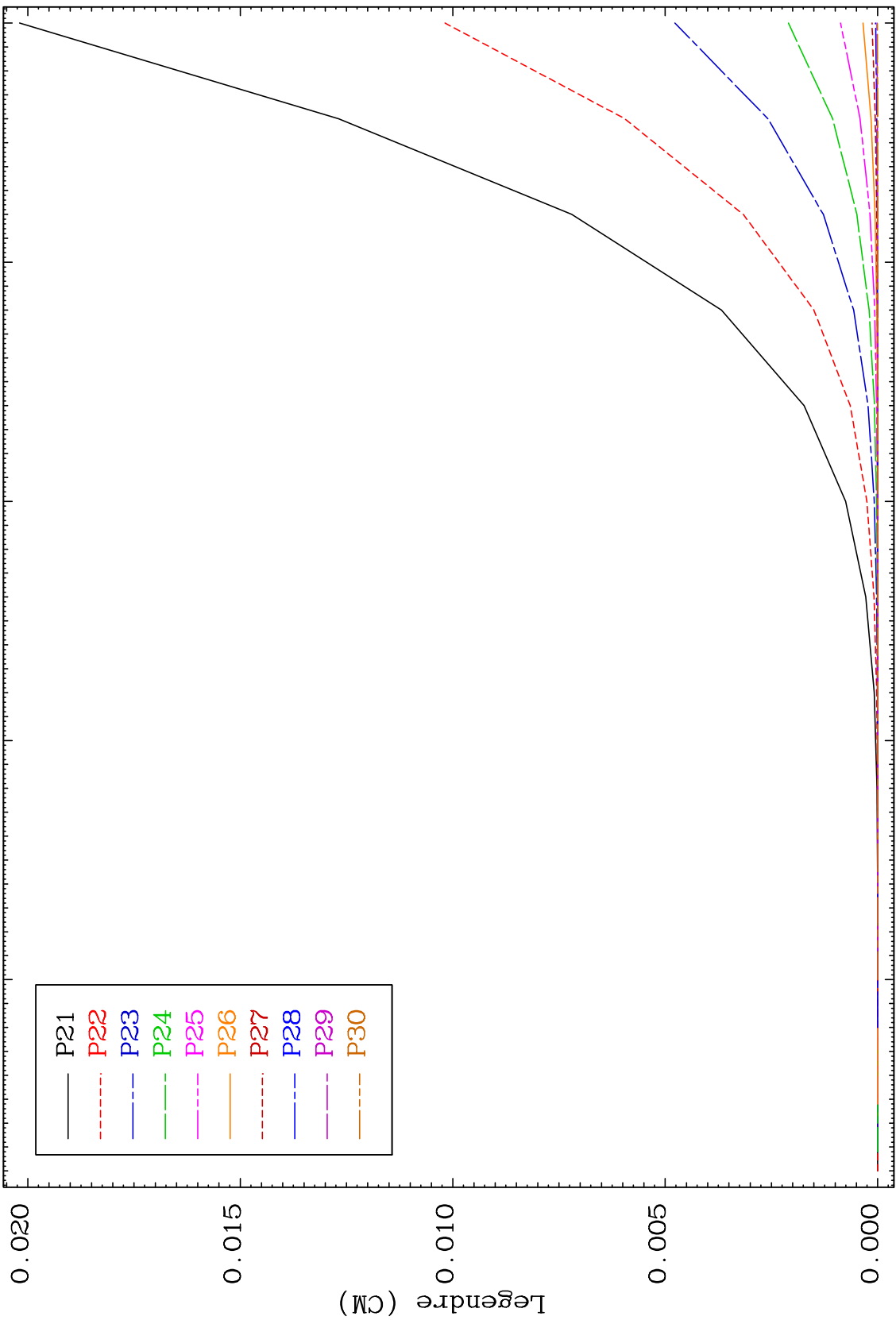
Incident Energy (MeV)

<sup>93</sup>Np-235

MAT 9340

Elastic Legendre Coefficients

93-Np-235



20

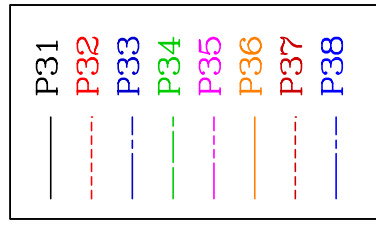
Incident Energy (MeV)

93-Np-235

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Elastic  
Legendre Coefficients

93-Np-235



$\times 10^{-6}$

1.5

1.0

0.5

0.0

Legendre (CM)

15

20

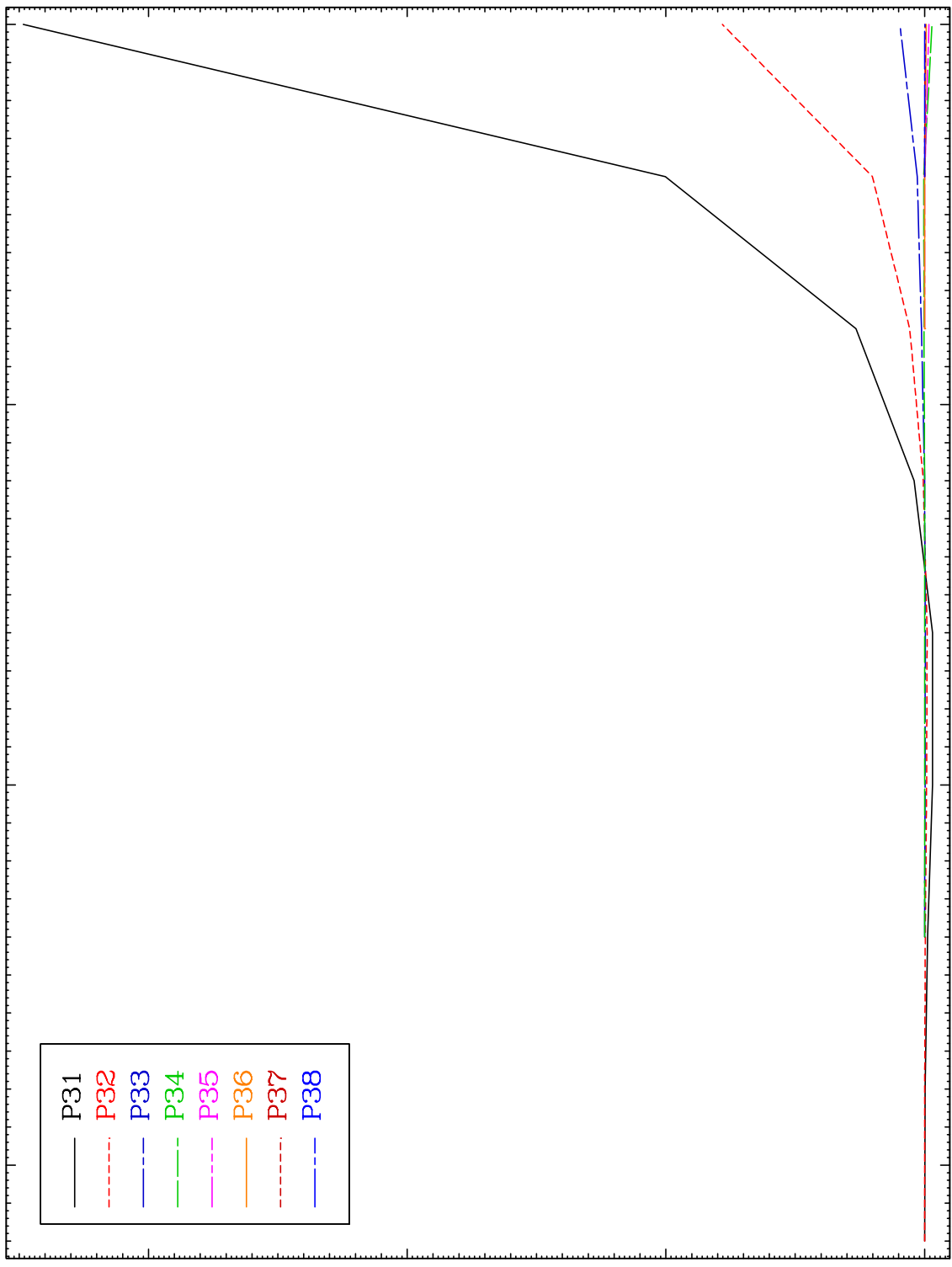
25

30

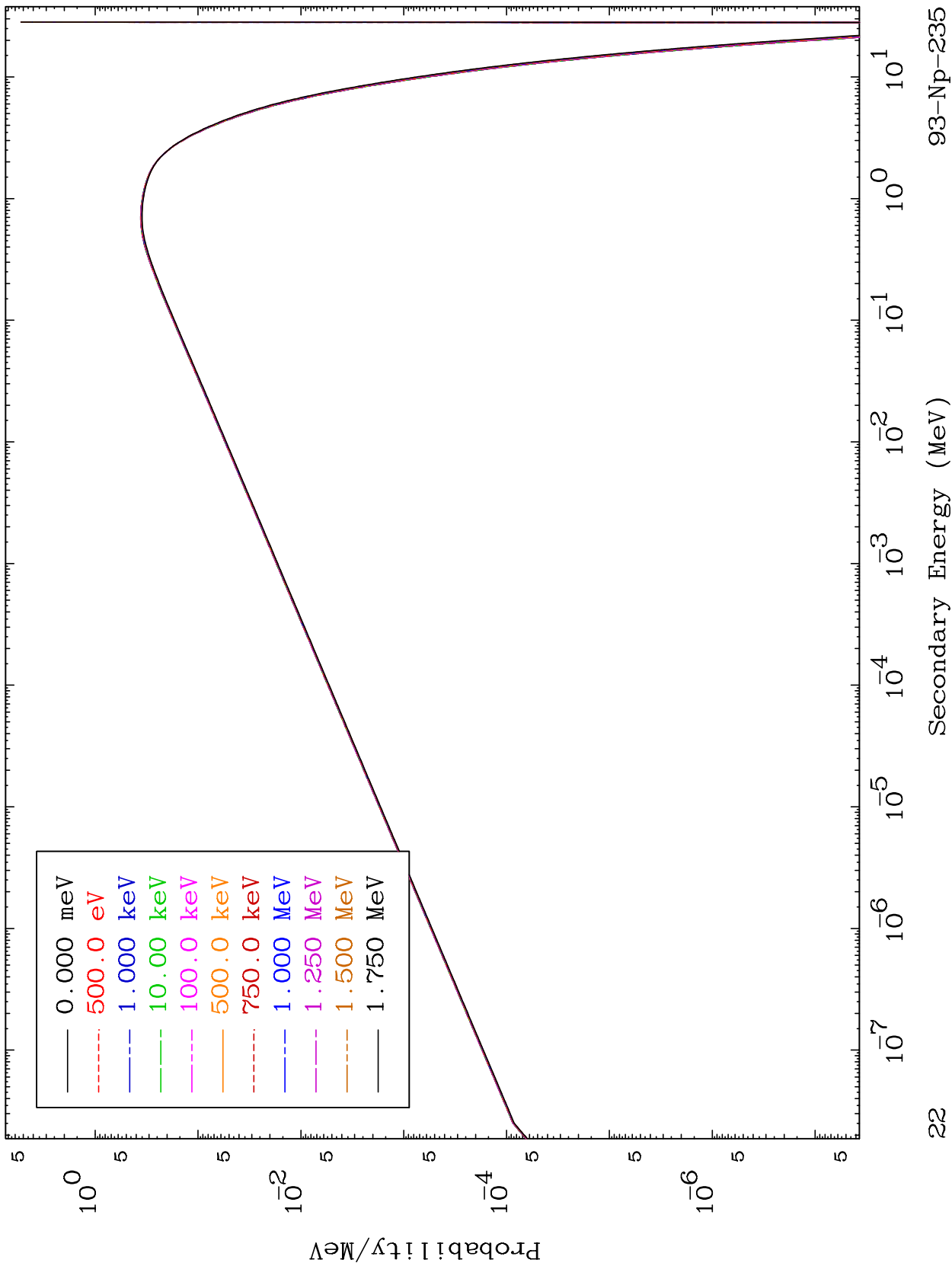
21

Incident Energy (MeV)

93-Np-235



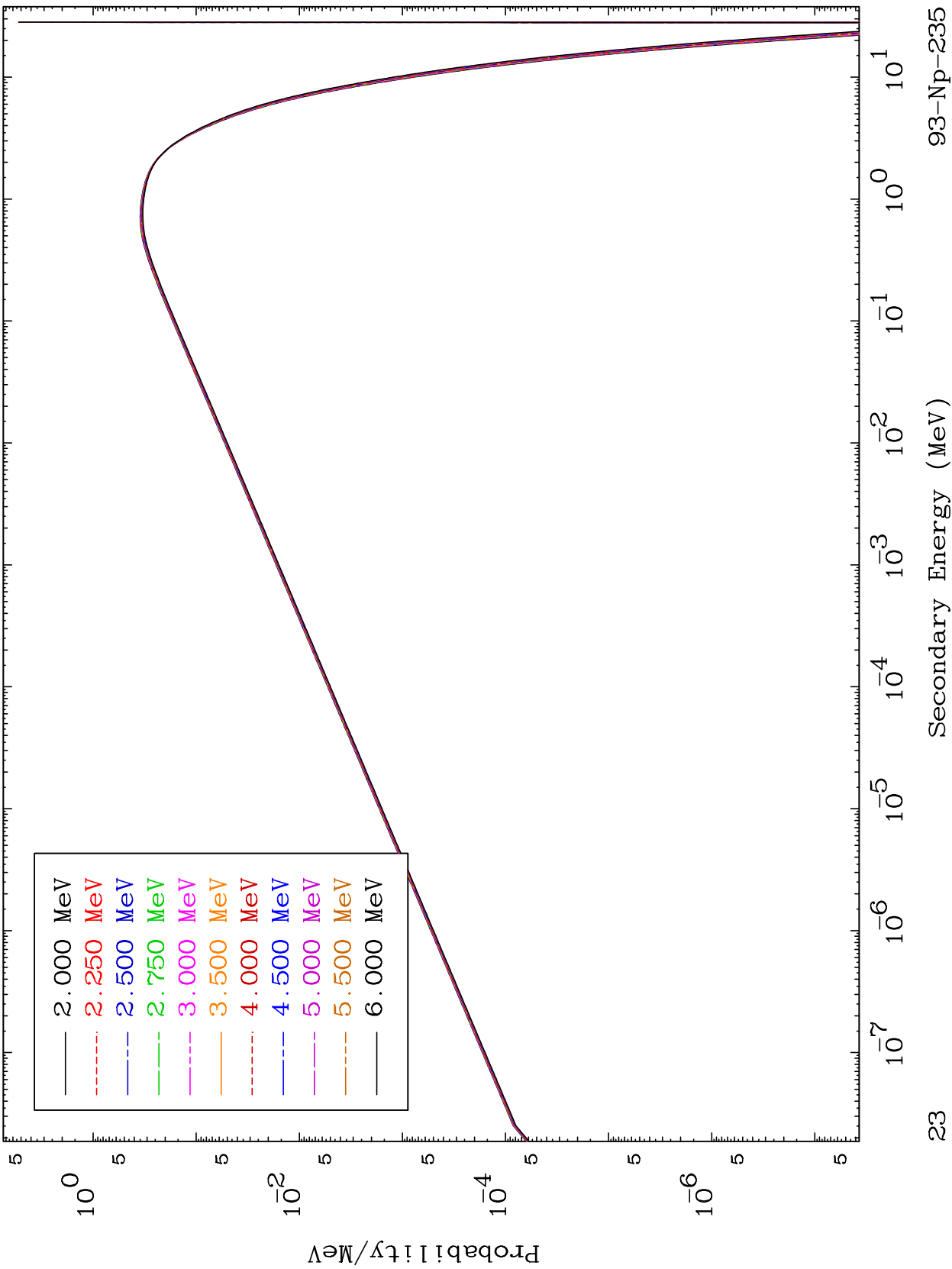
Fission Energy Distribution



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### Fission Energy Distribution

93-Np-235



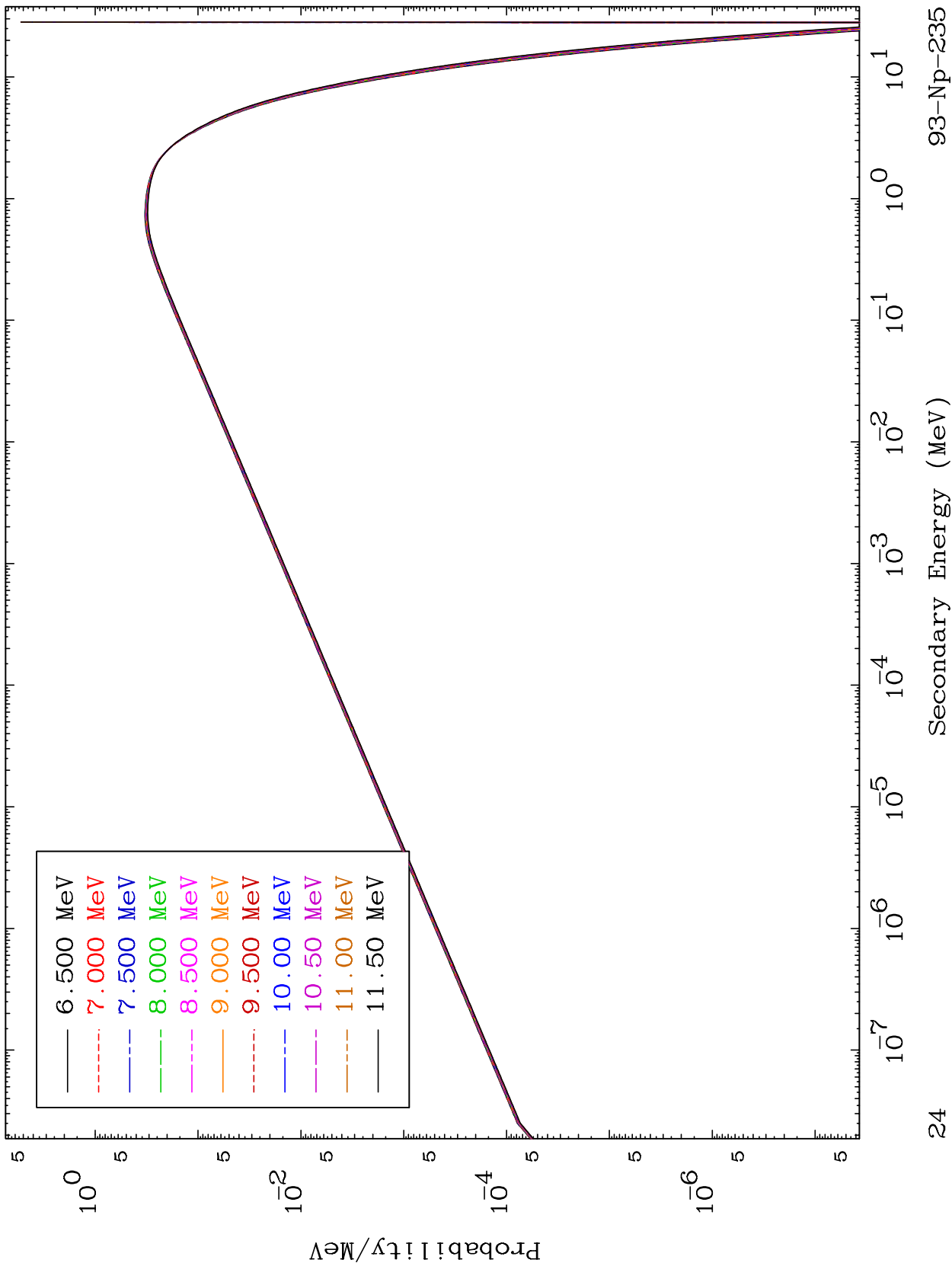
93-Np-235



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### Fission Energy Distribution

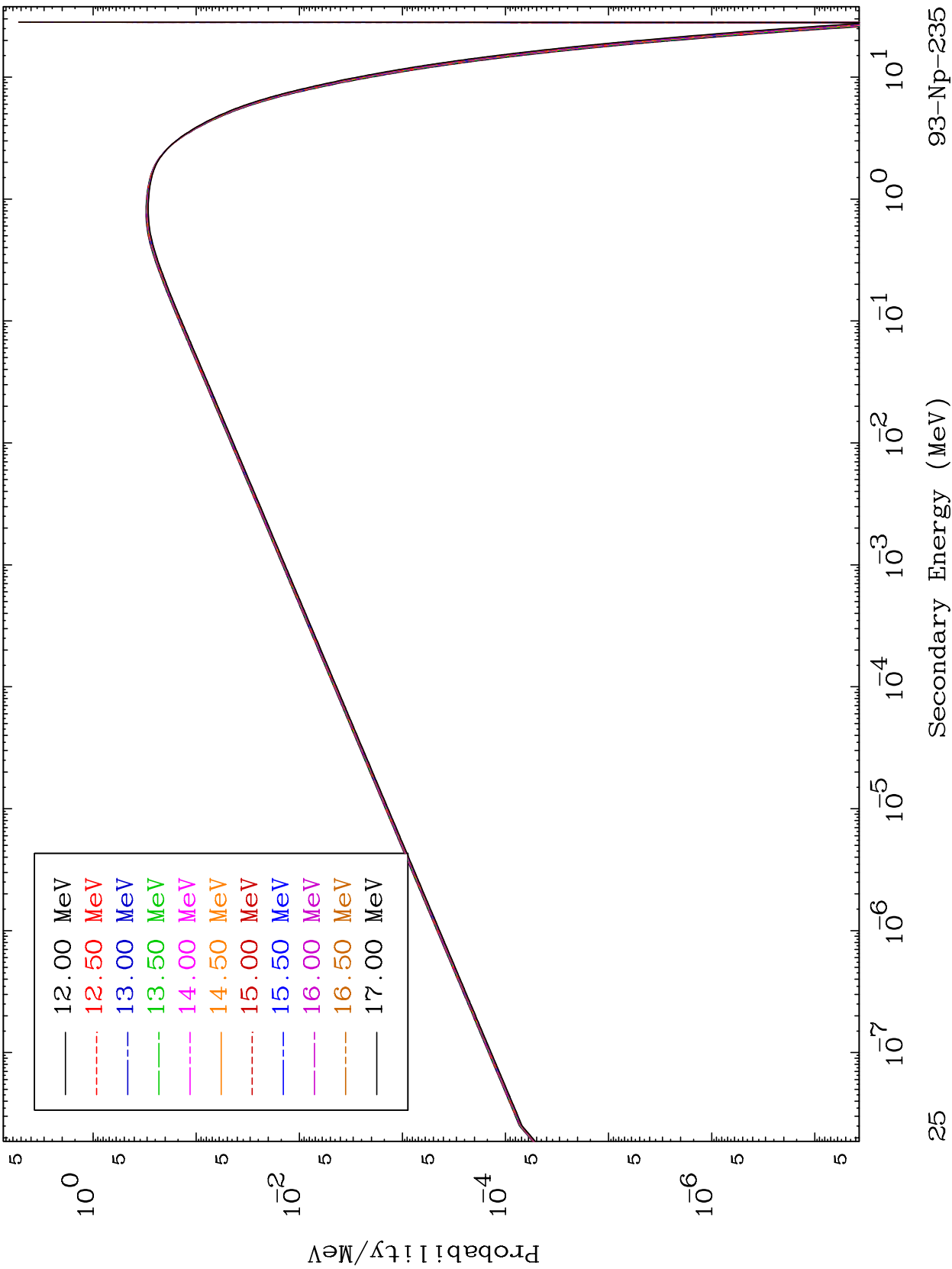
93-Np-235



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### Fission Energy Distribution

93-Np-235

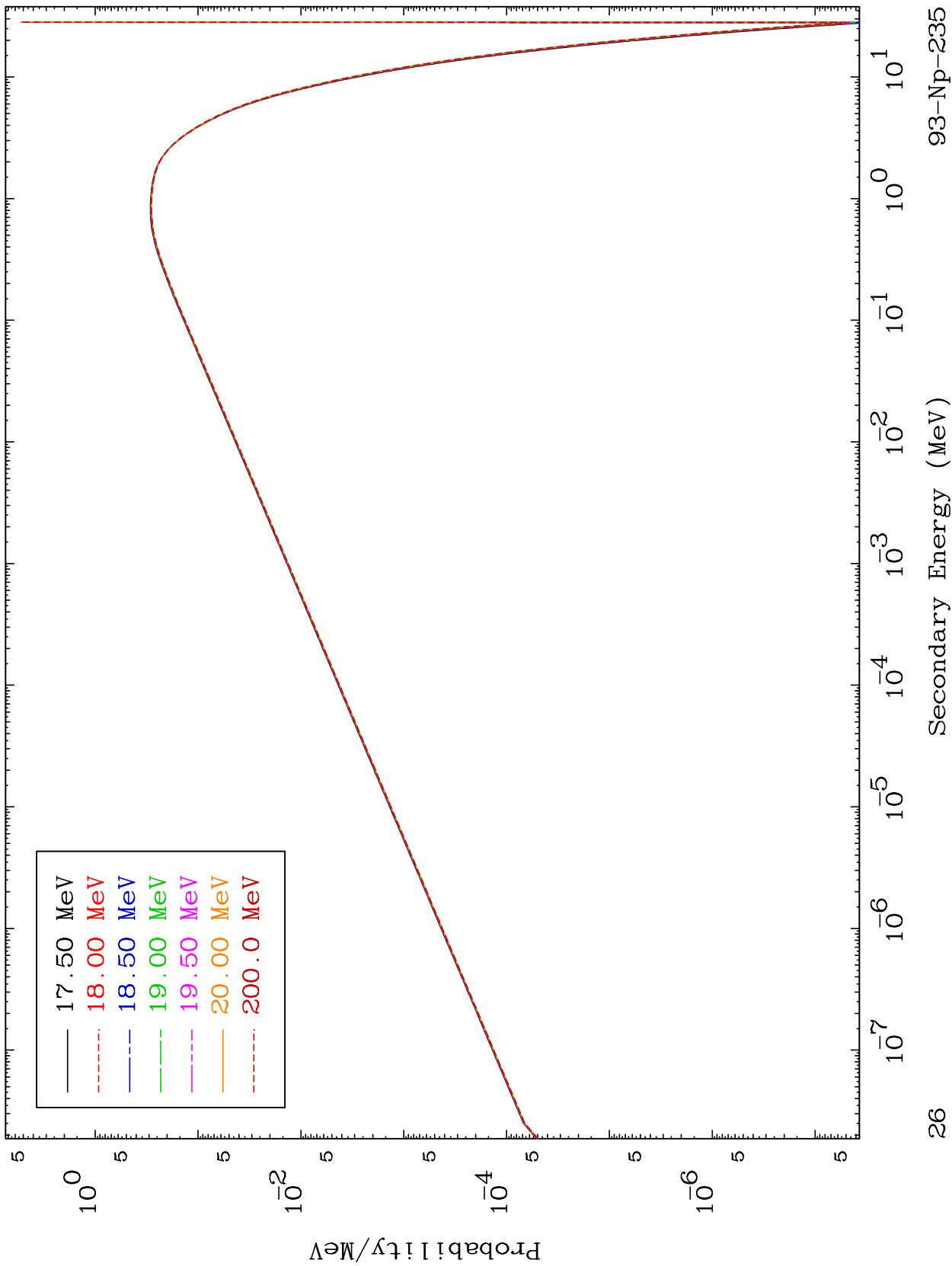


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Secondary Energy (MeV)

93-Np-235

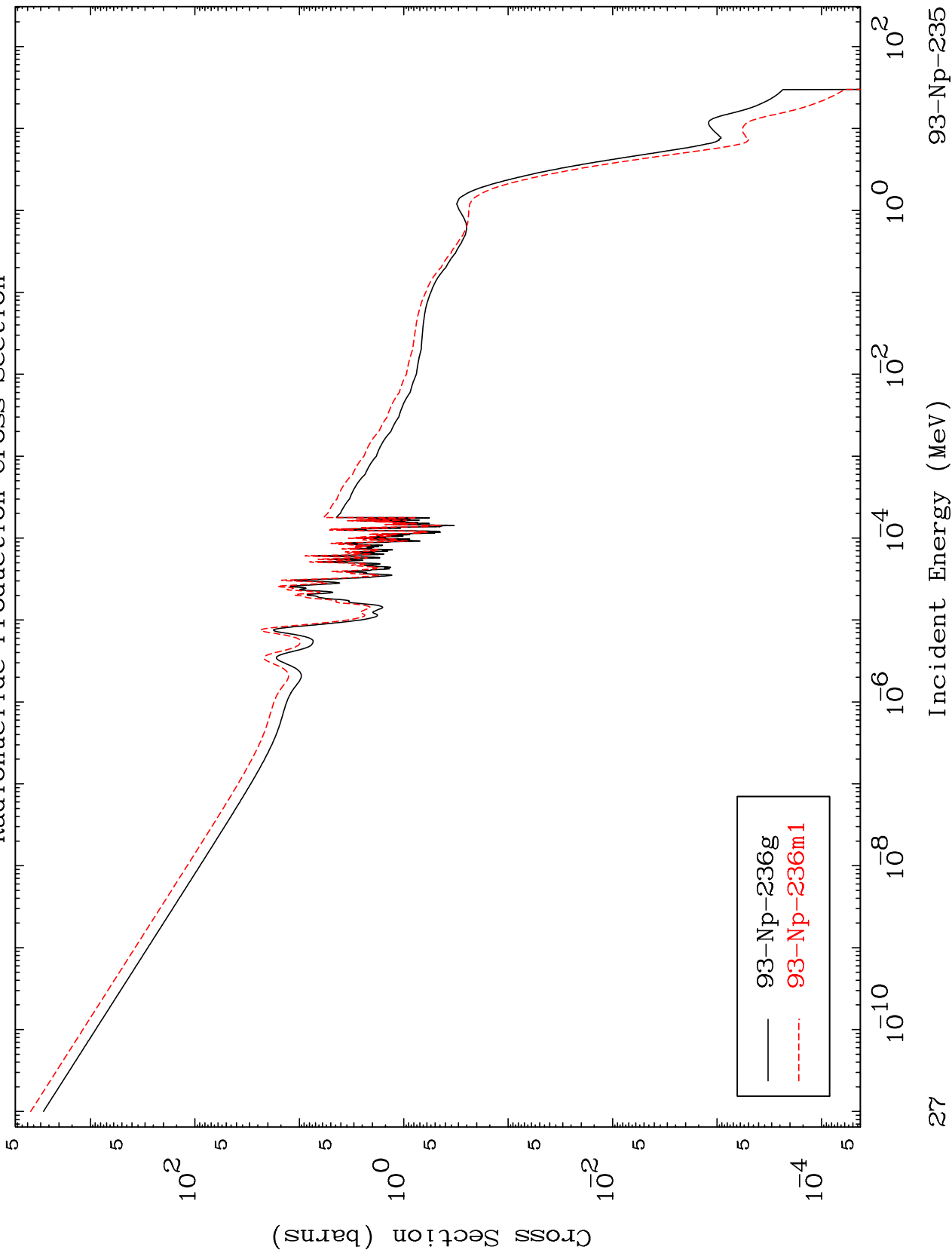
Fission  
Energy Distribution



MAT 9340

93-Np-235

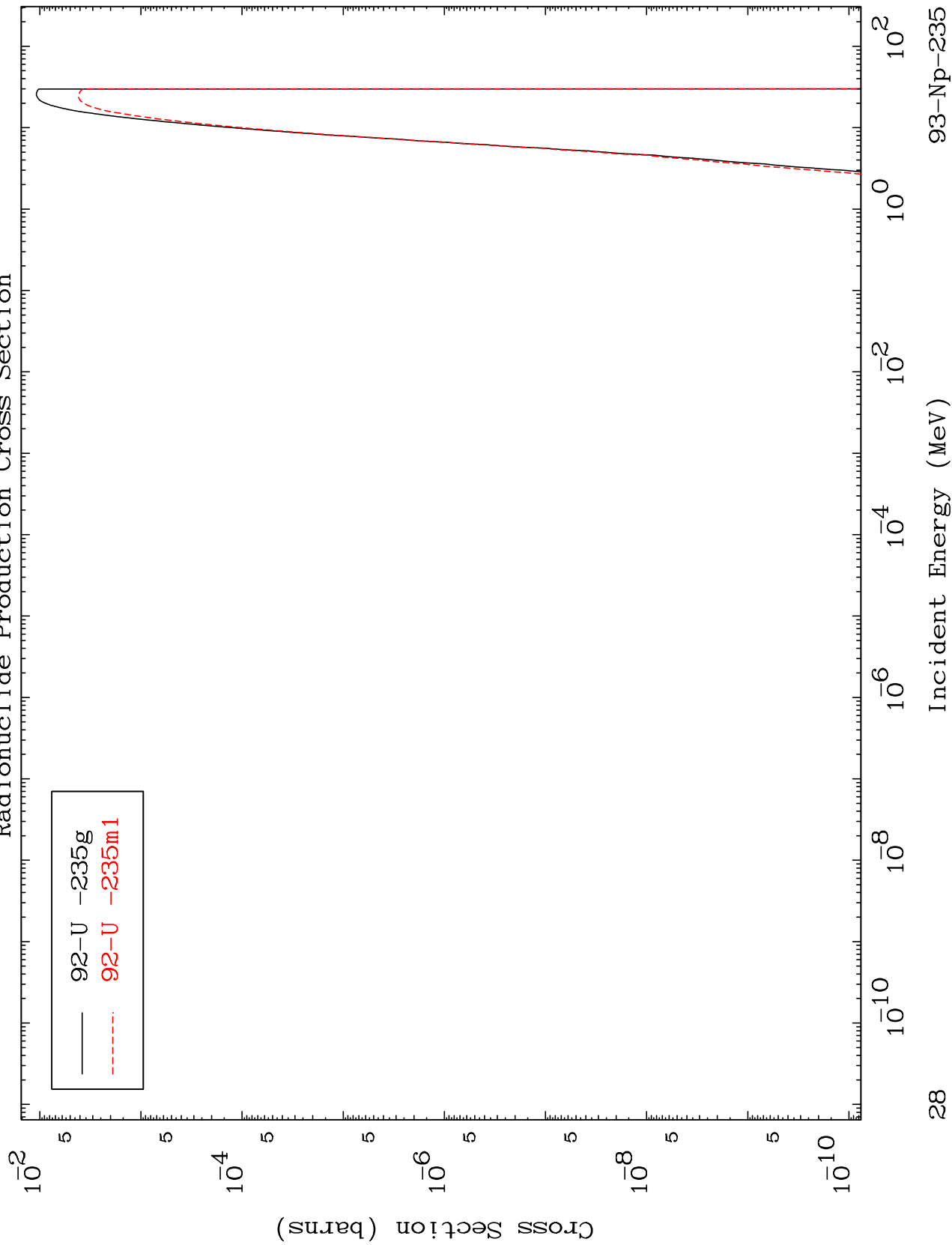
(n,  $\gamma$ )  
Radionuclide Production Cross Section



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(n,p)  
Radionuclide Production Cross Section

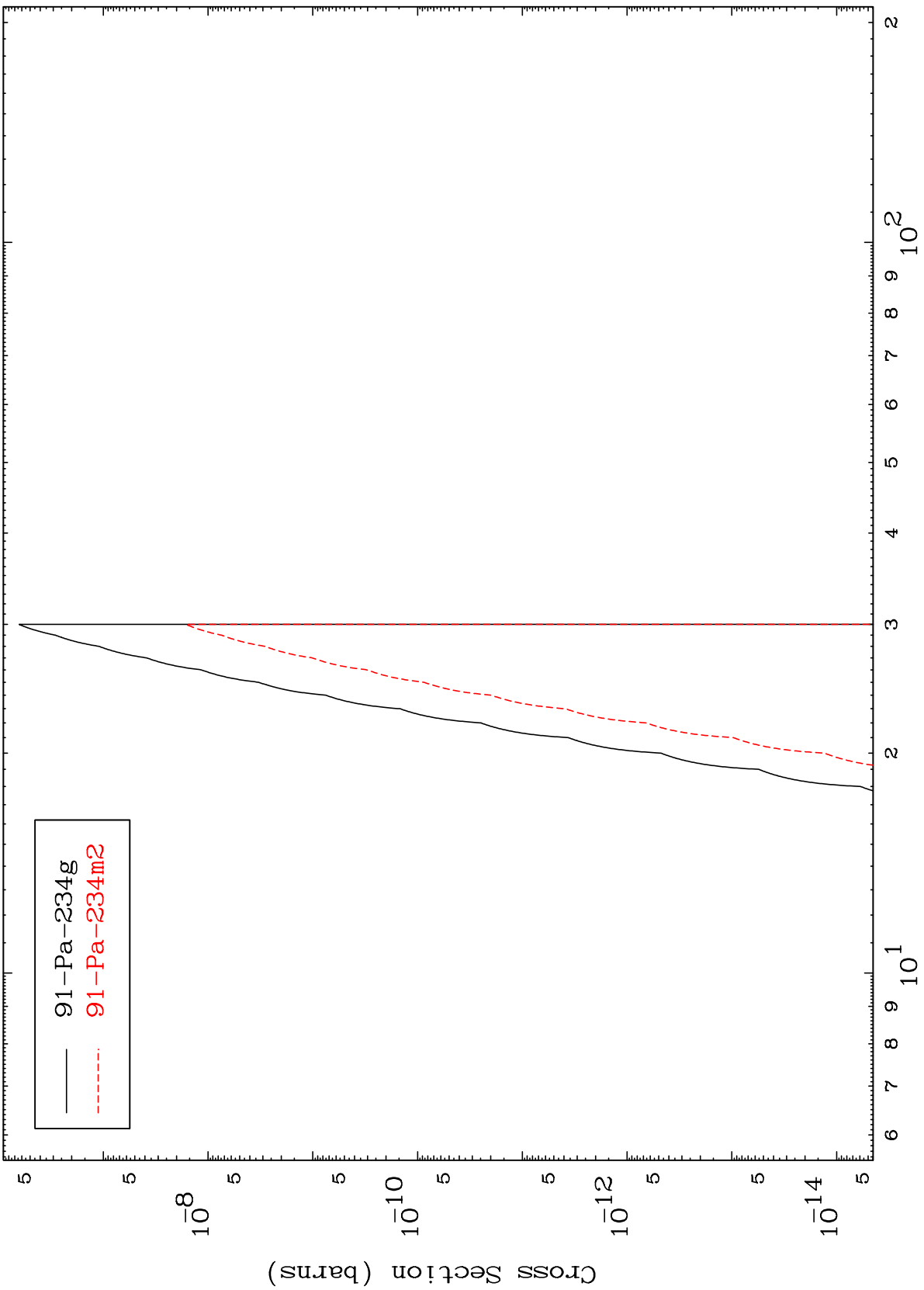
<sup>93</sup>Np-235



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93-Np-235

(n,2p)  
Radionuclide Production Cross Section



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Incident Energy (MeV)

93-Np-235