

Program EVALPLOT  
(Version 2018-1)

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

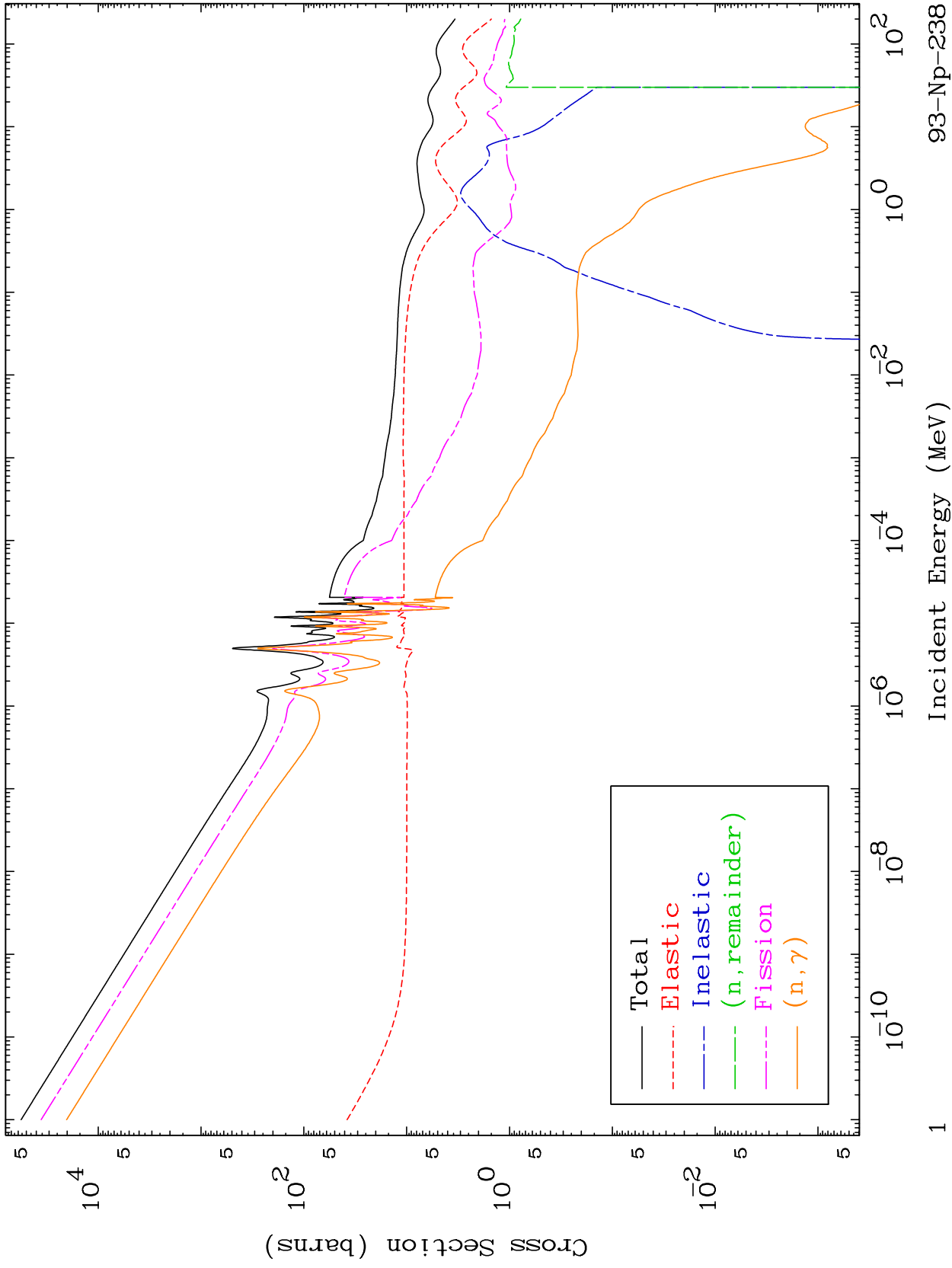
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9349

Major  
293 Kelvin Cross Sections

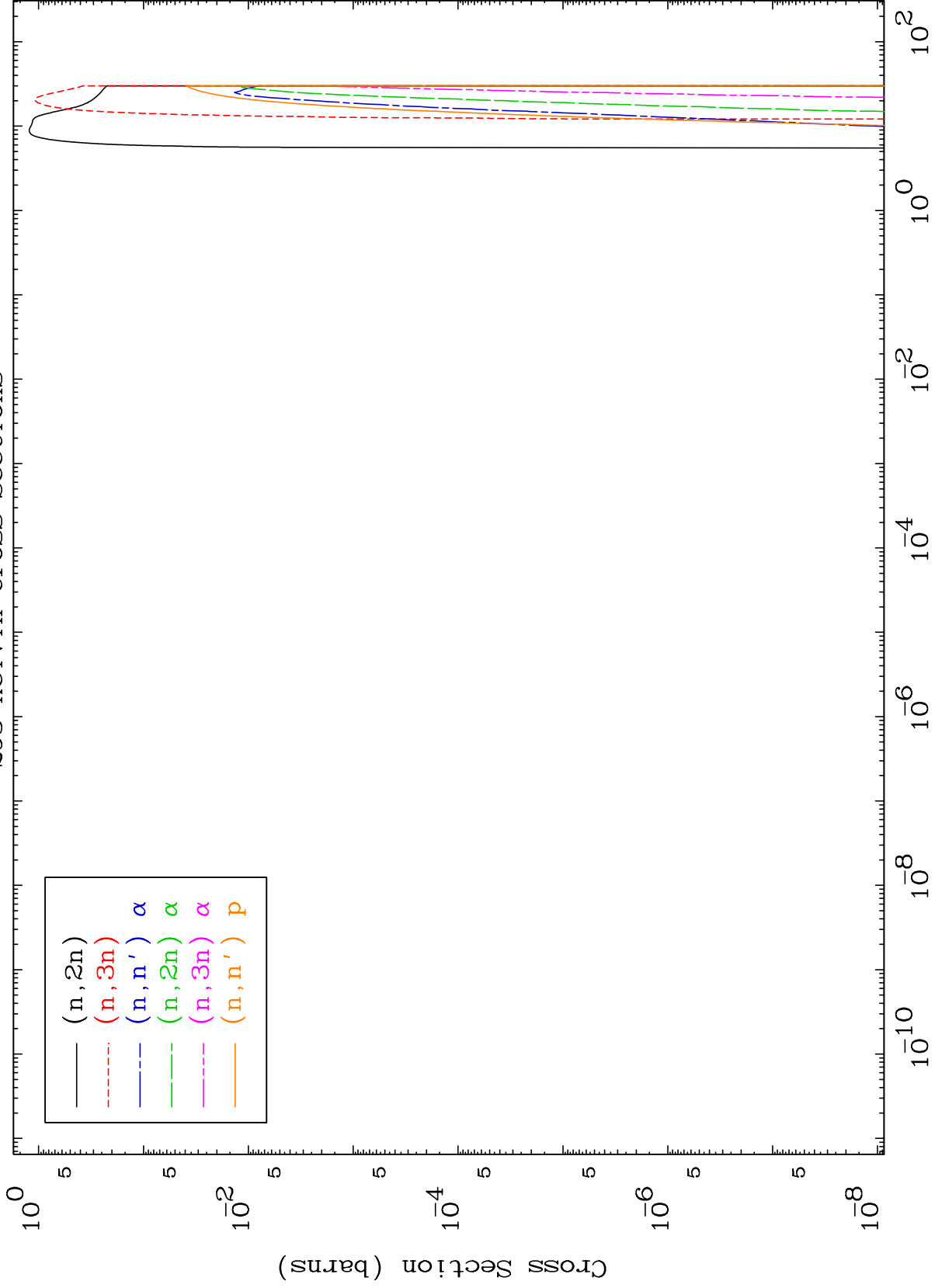
93-Np-238



MAT 9349

Neutron Production  
293 Kelvin Cross Sections

93-Np-238



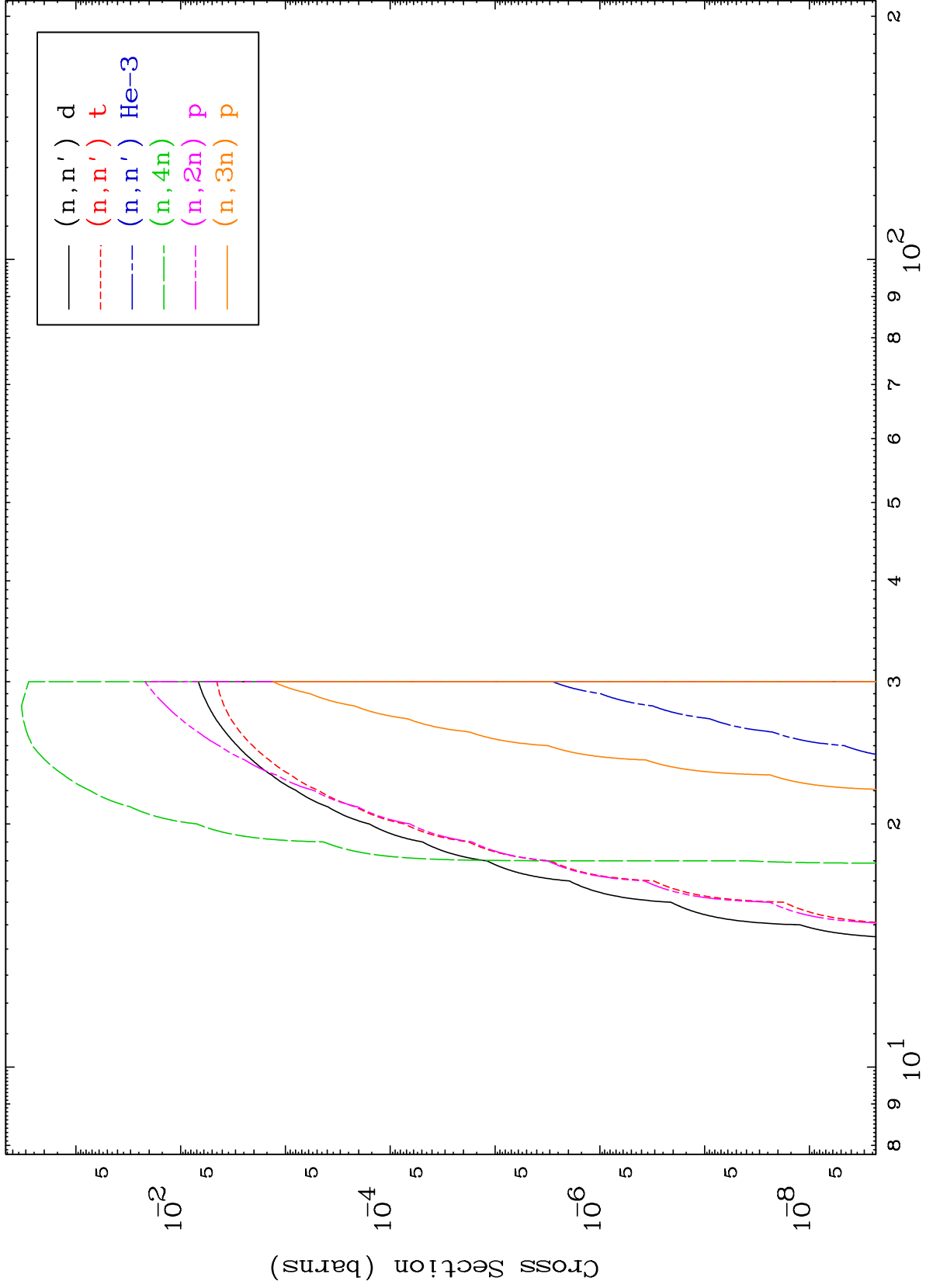
93-Np-238

Incident Energy (MeV)

MAT 9349

Neutron Production  
293 Kelvin Cross Sections

93-Np-238



93-Np-238

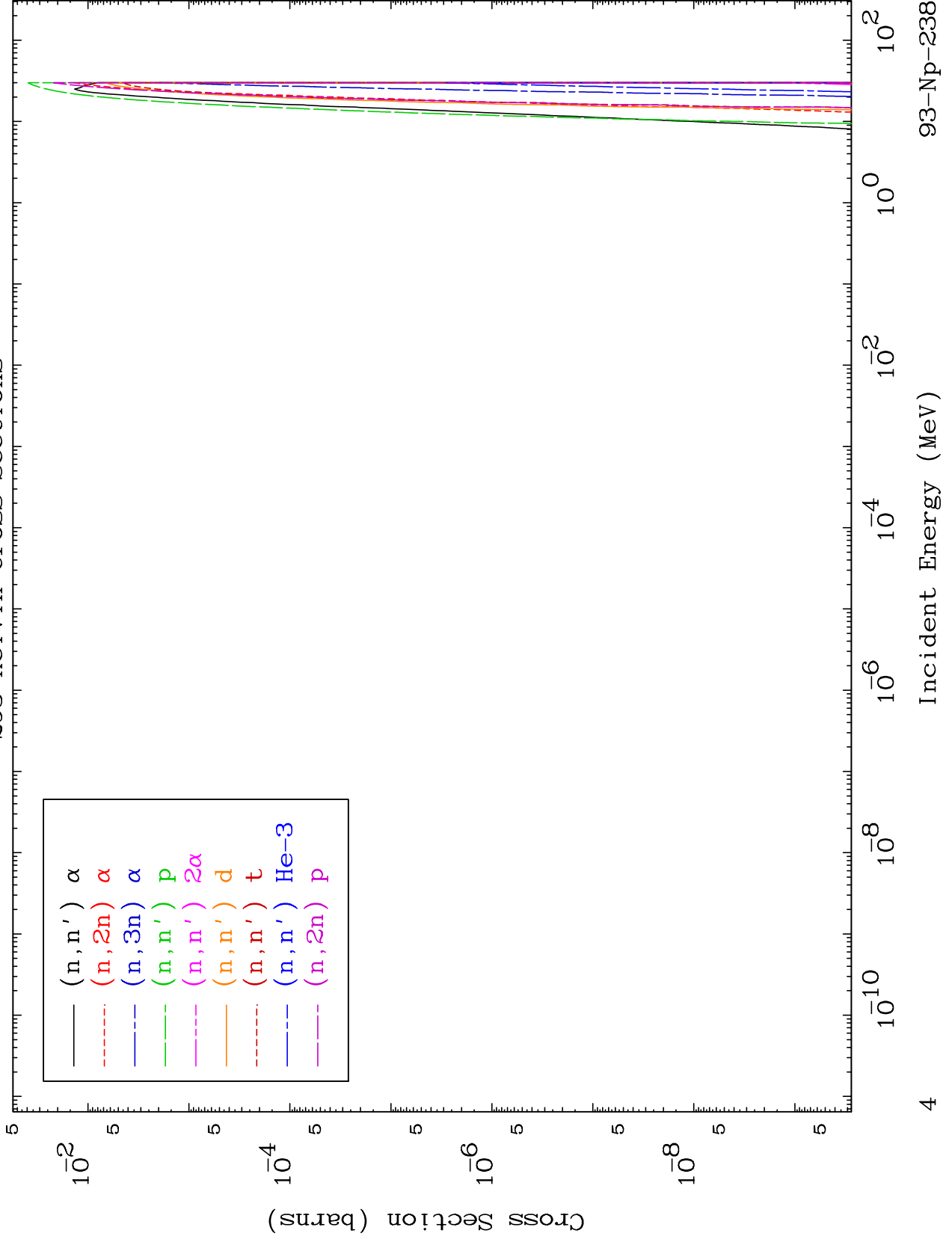
Incident Energy (MeV)

3

MAT 9349

Charged Particle  
293 Kelvin Cross Sections

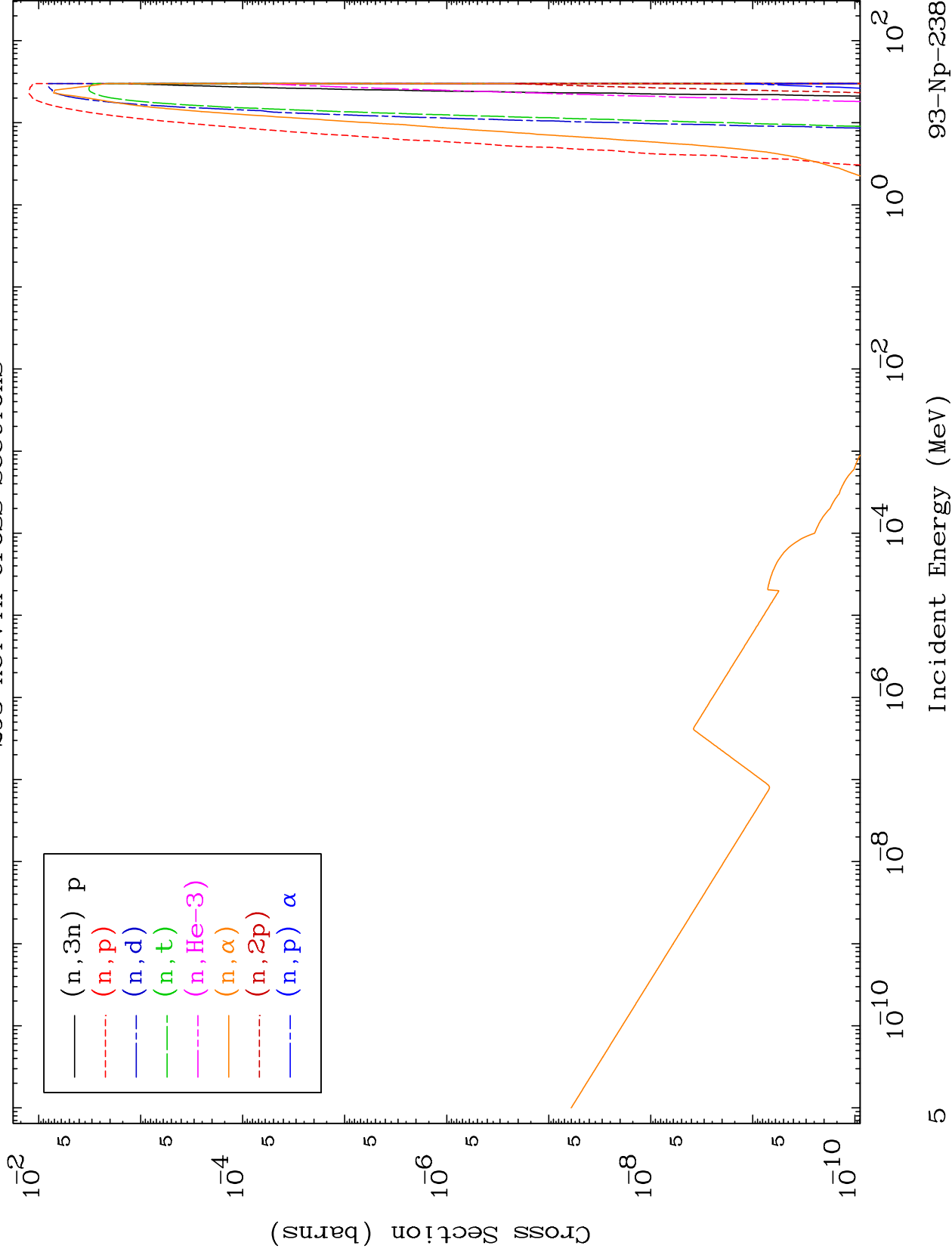
93-Np-238



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Charged Particle  
293 Kelvin Cross Sections

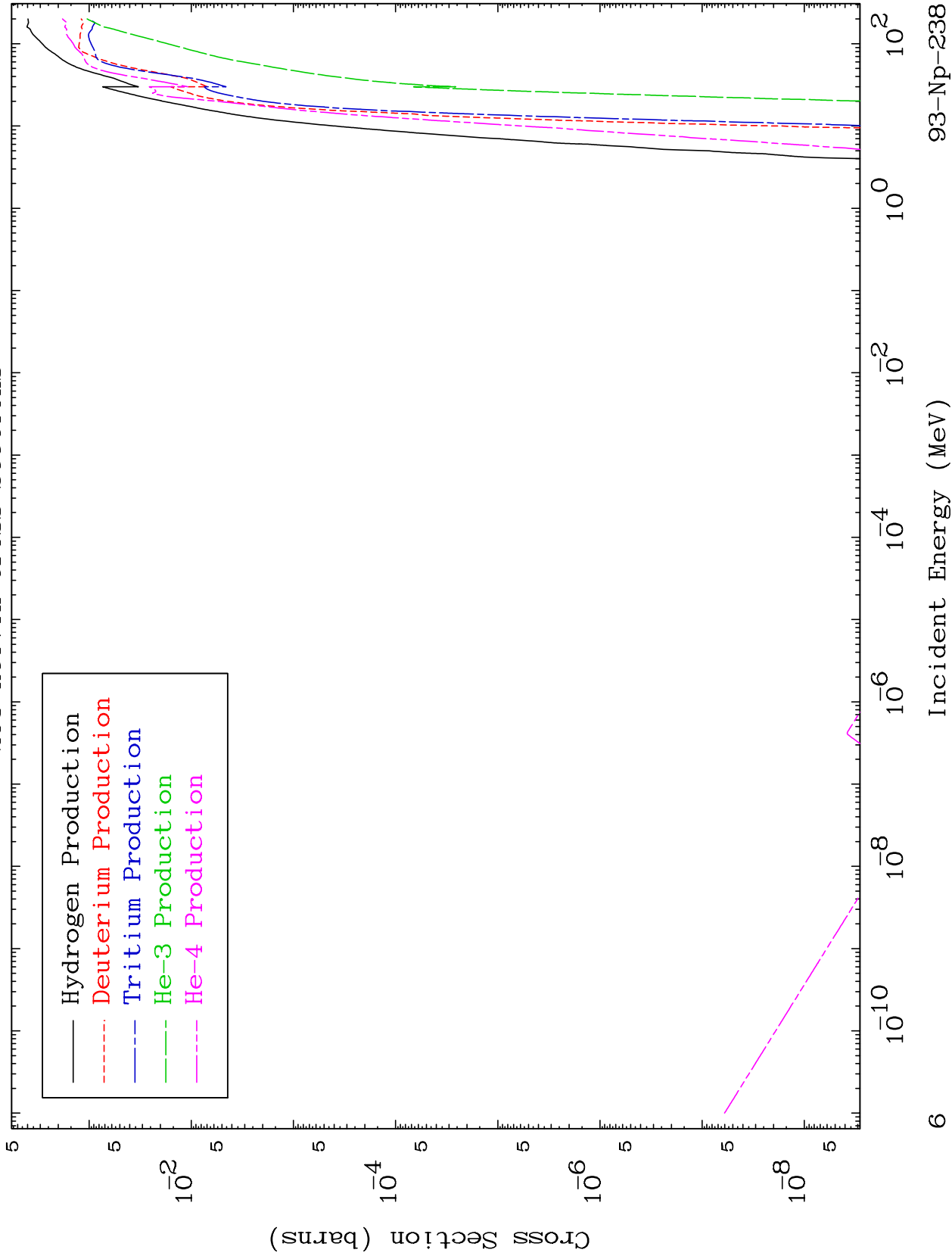
93-Np-238



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Particle Production  
293 Kelvin Cross Sections

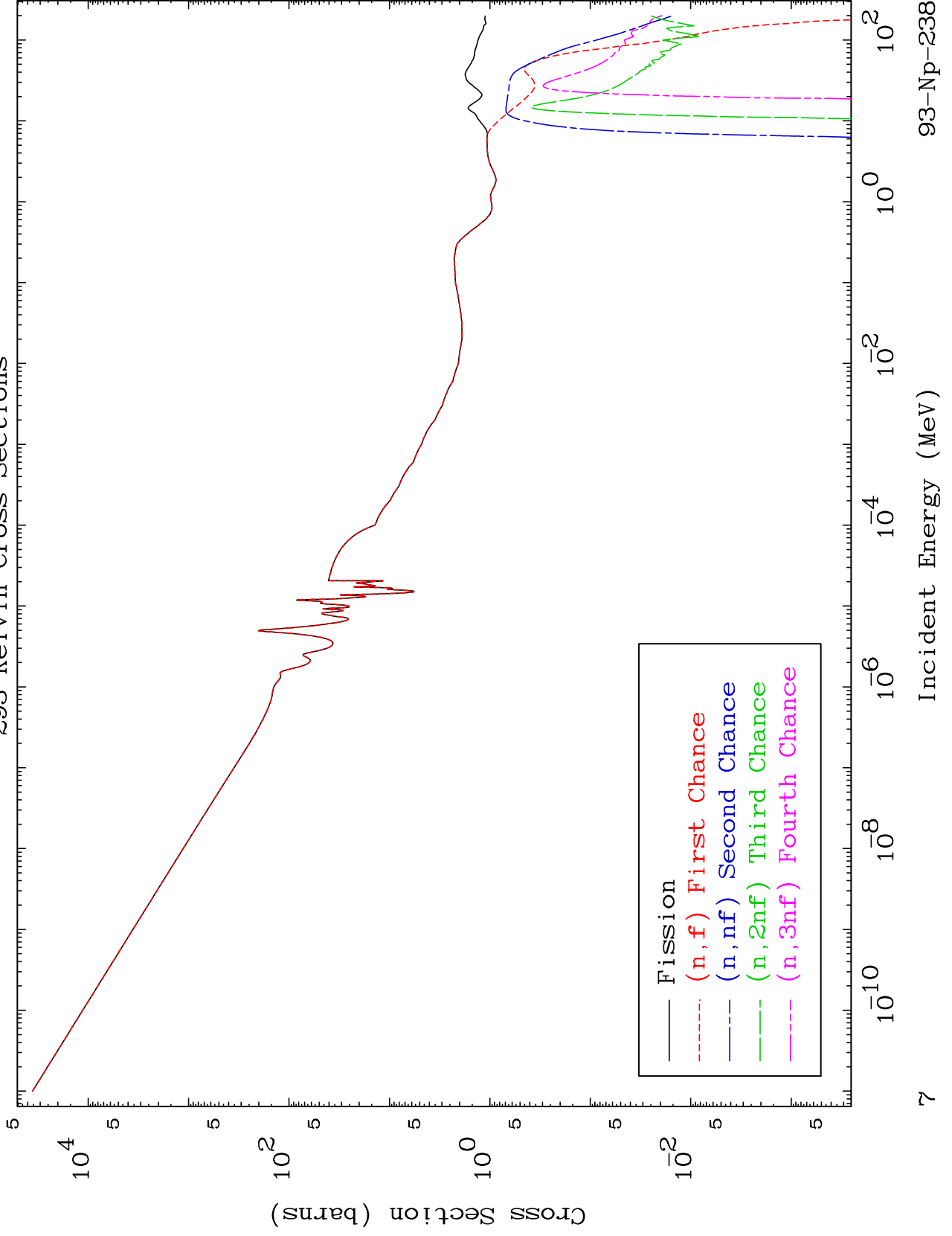
93-Np-238



MAT 9349

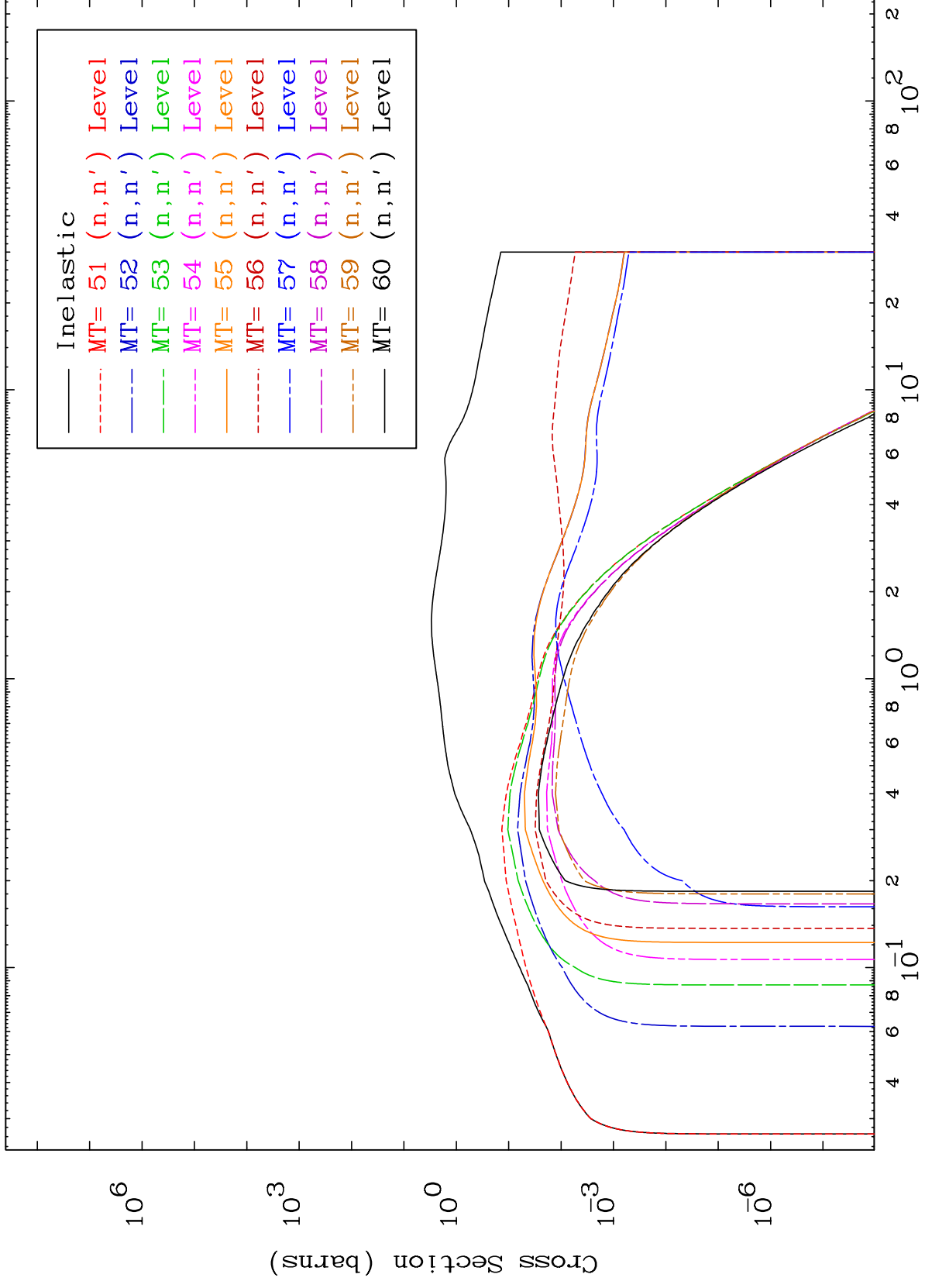
Fission  
293 Kelvin Cross Sections

93-Np-238





293 Kelvin Cross Sections

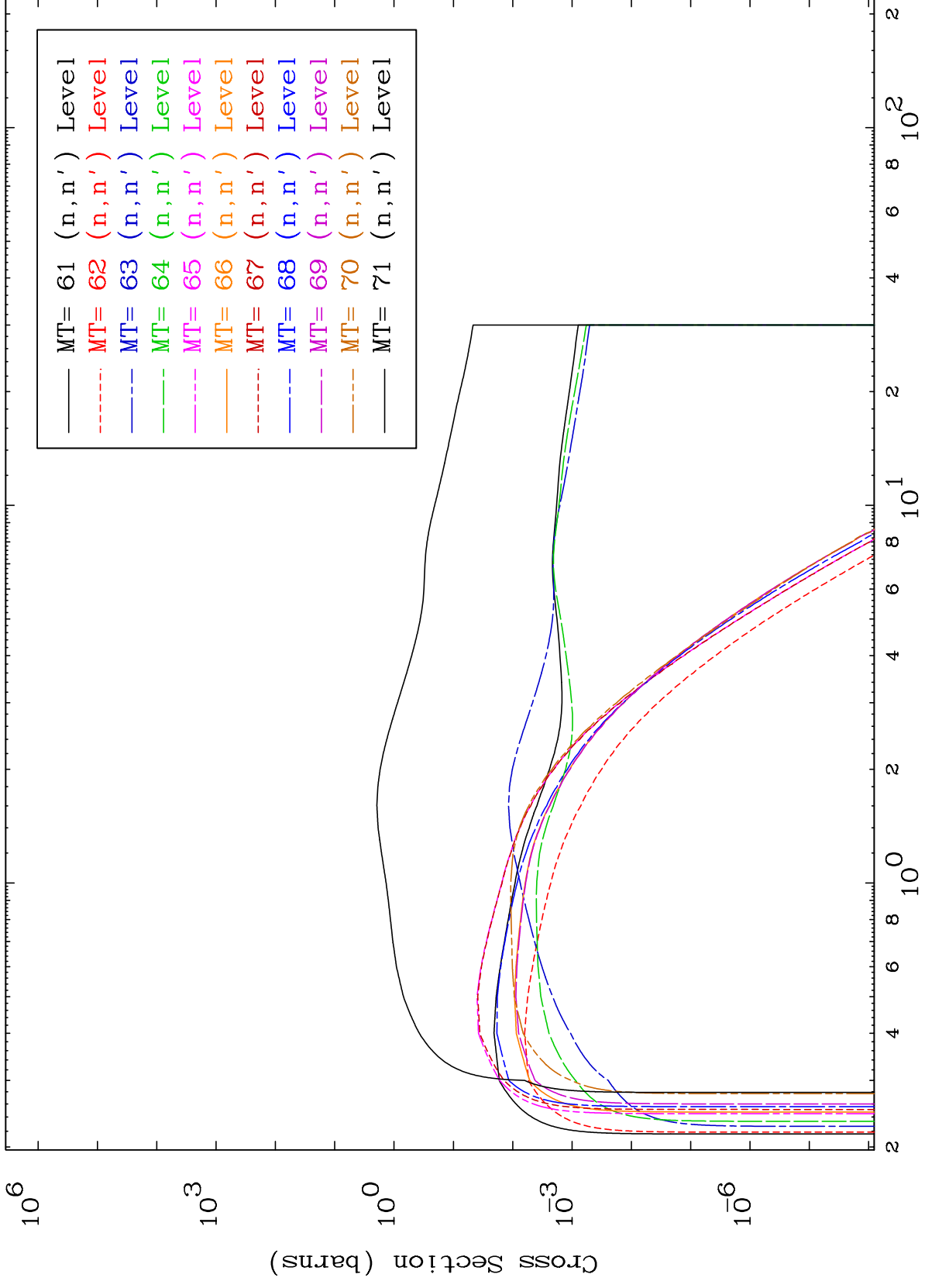


MAT 9349

(n,n') Level

93-Np-238

293 Kelvin Cross Sections



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Incident Energy (MeV)

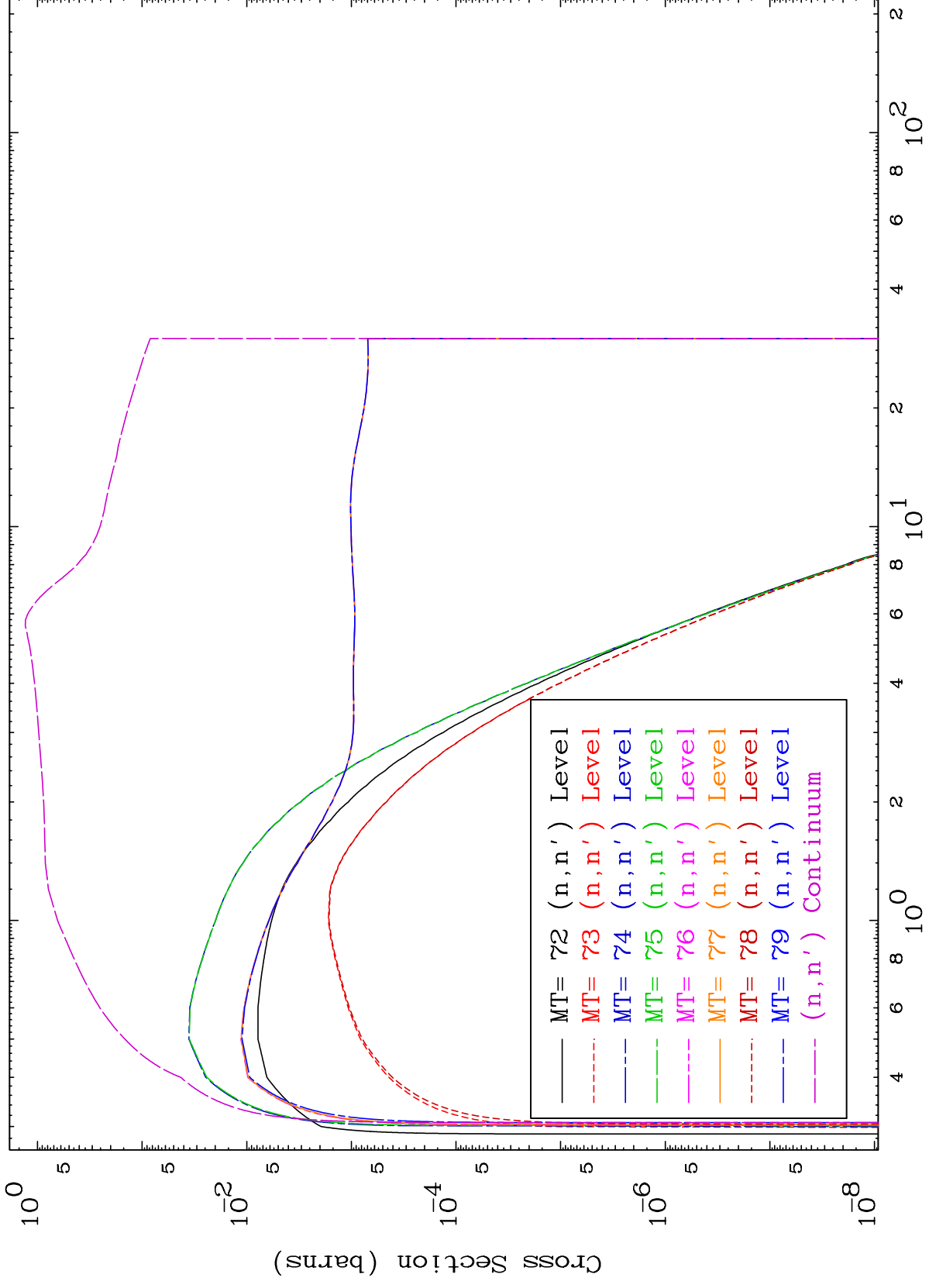
93-Np-238

MAT 9349

(n,n') Level

93-Np-238

293 Kelvin Cross Sections



10

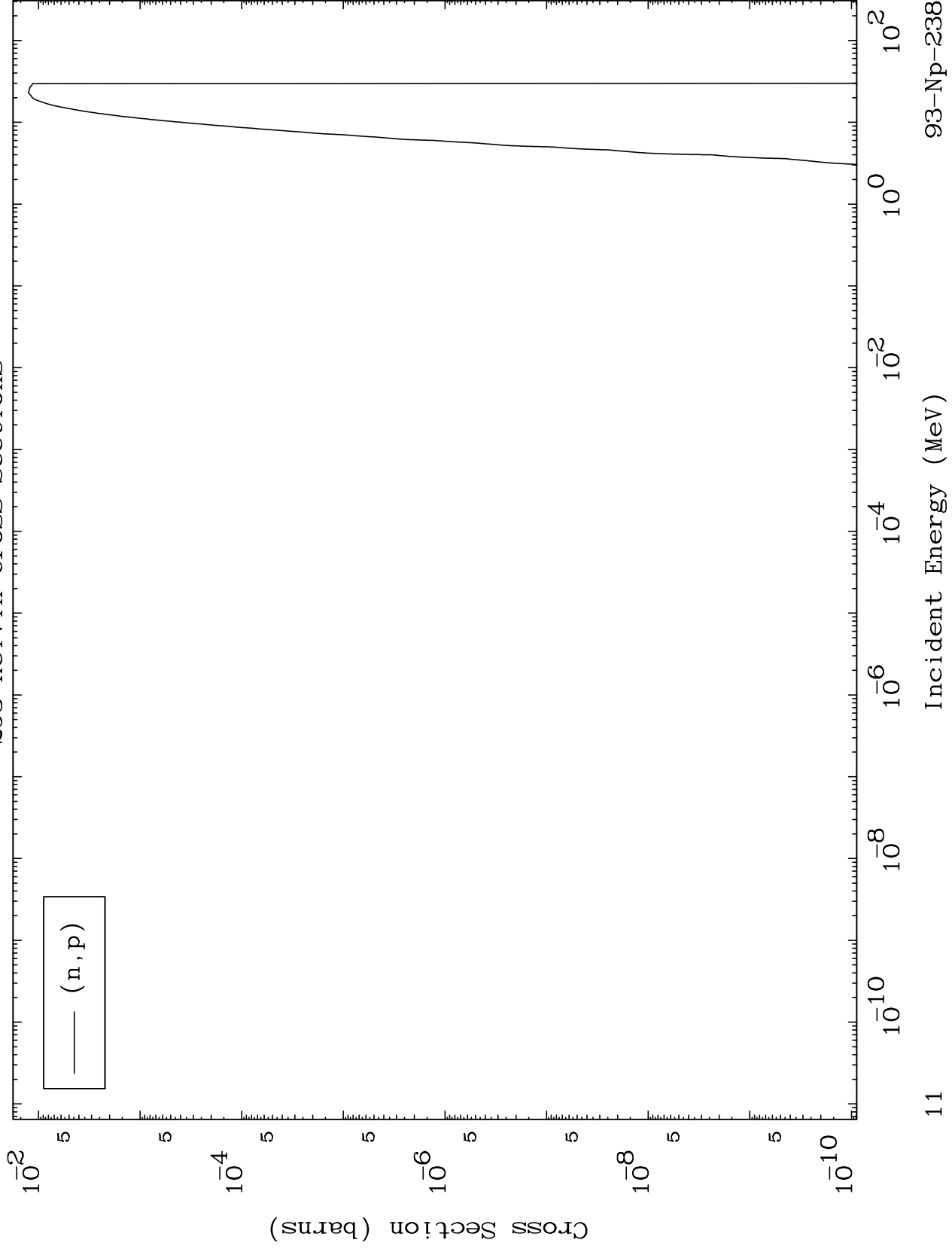
Incident Energy (MeV)

93-Np-238

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(n,p) Levels  
293 Kelvin Cross Sections

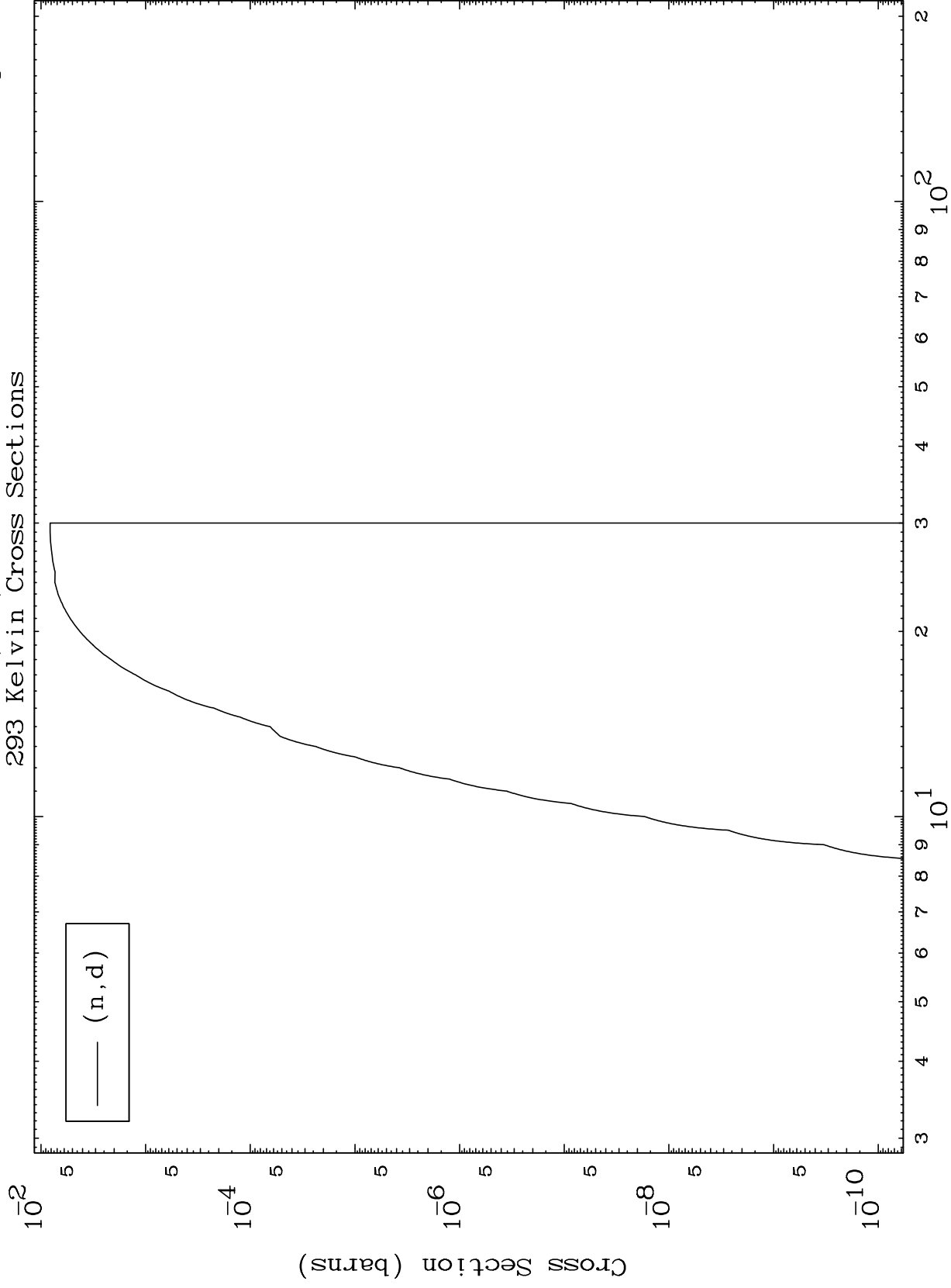
93-Np-238



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(n,d) Levels  
293 Kelvin Cross Sections

93-Np-238



12

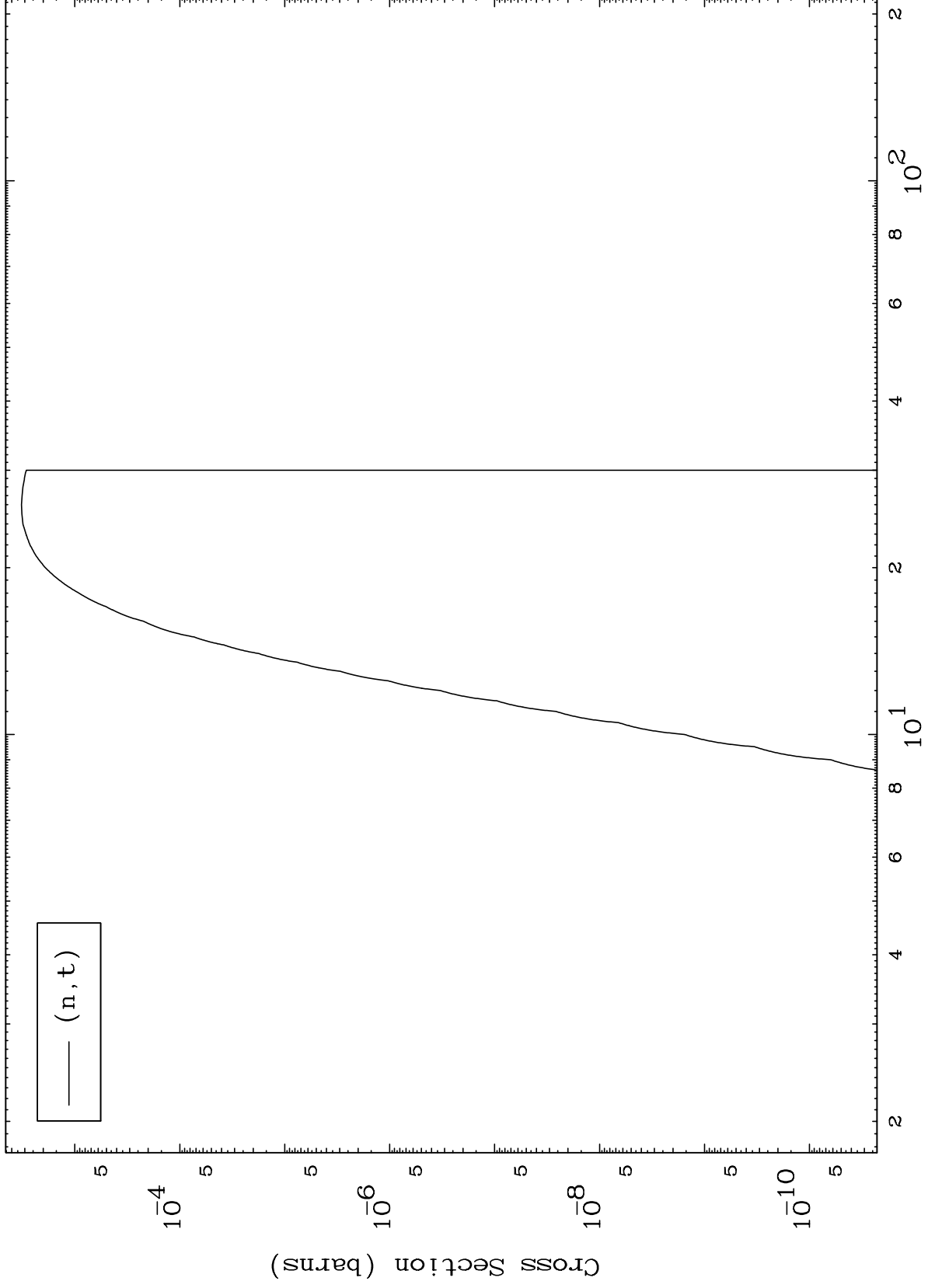
Incident Energy (MeV)

93-Np-238

MAT 9349

(n,t) Levels  
293 Kelvin Cross Sections

93-Np-238



13

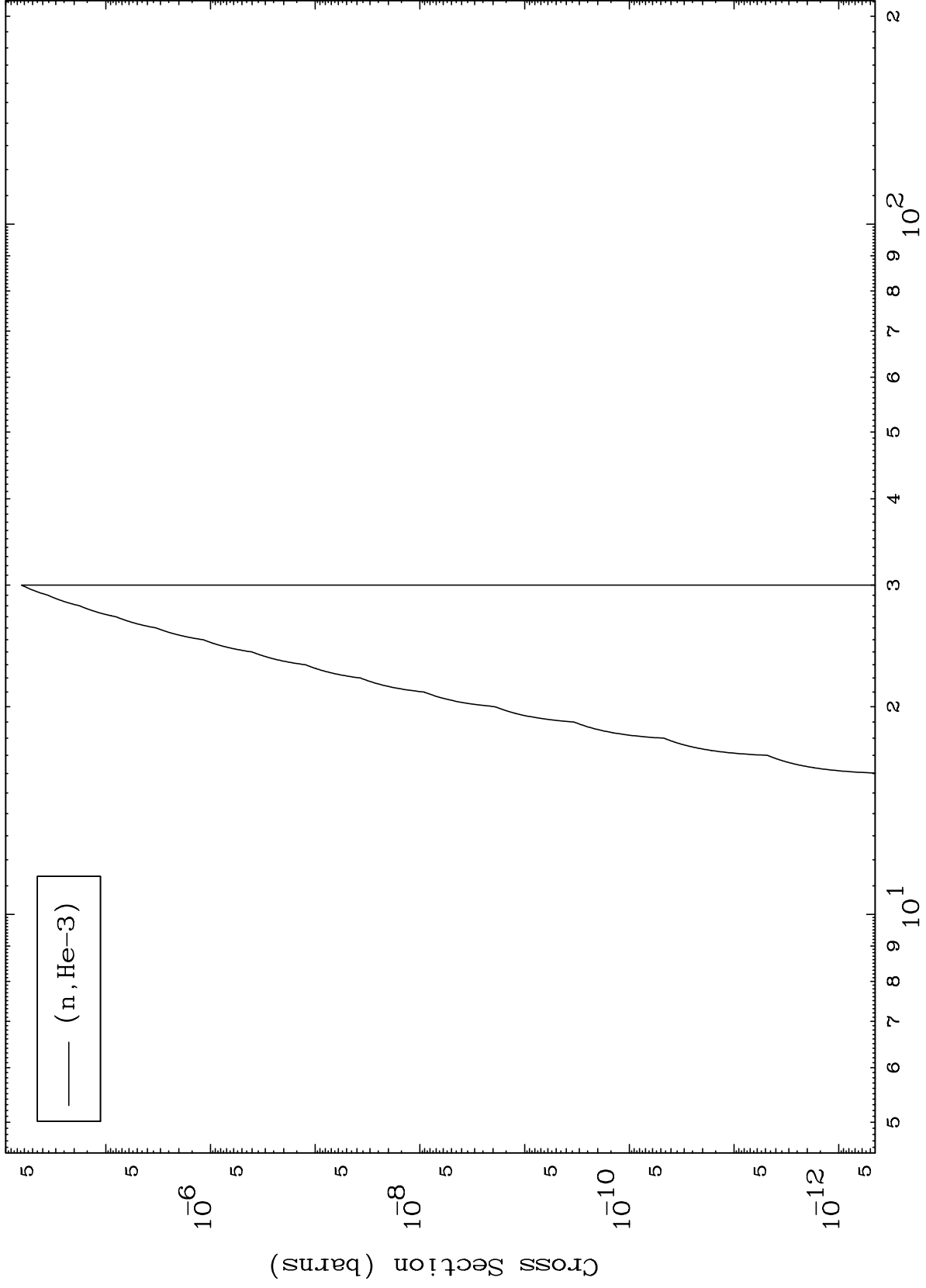
Incident Energy (MeV)

93-Np-238

MAT 9349

(n,He3) Levels  
293 Kelvin Cross Sections

93-Np-238



14

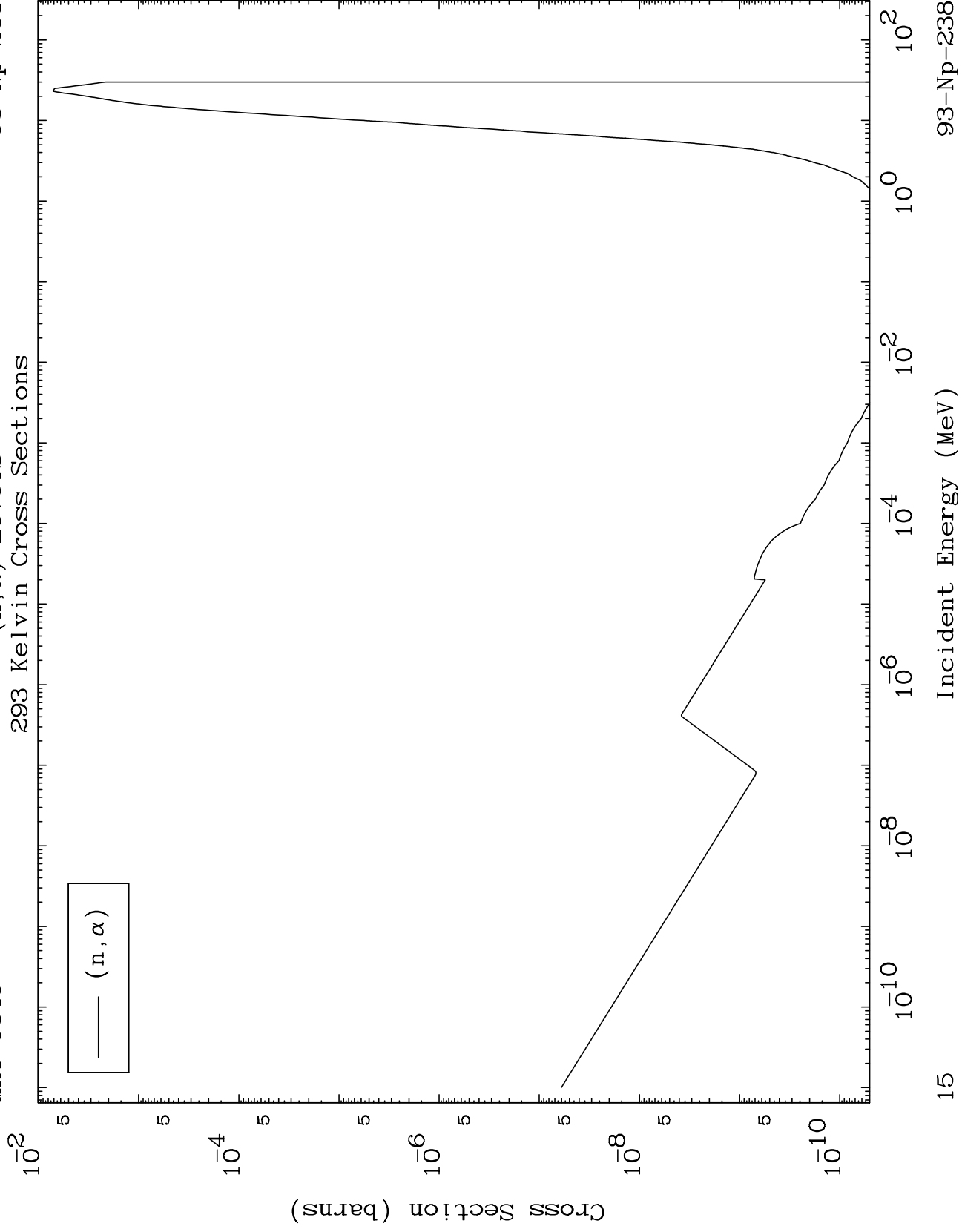
Incident Energy (MeV)

93-Np-238

MAT 9349

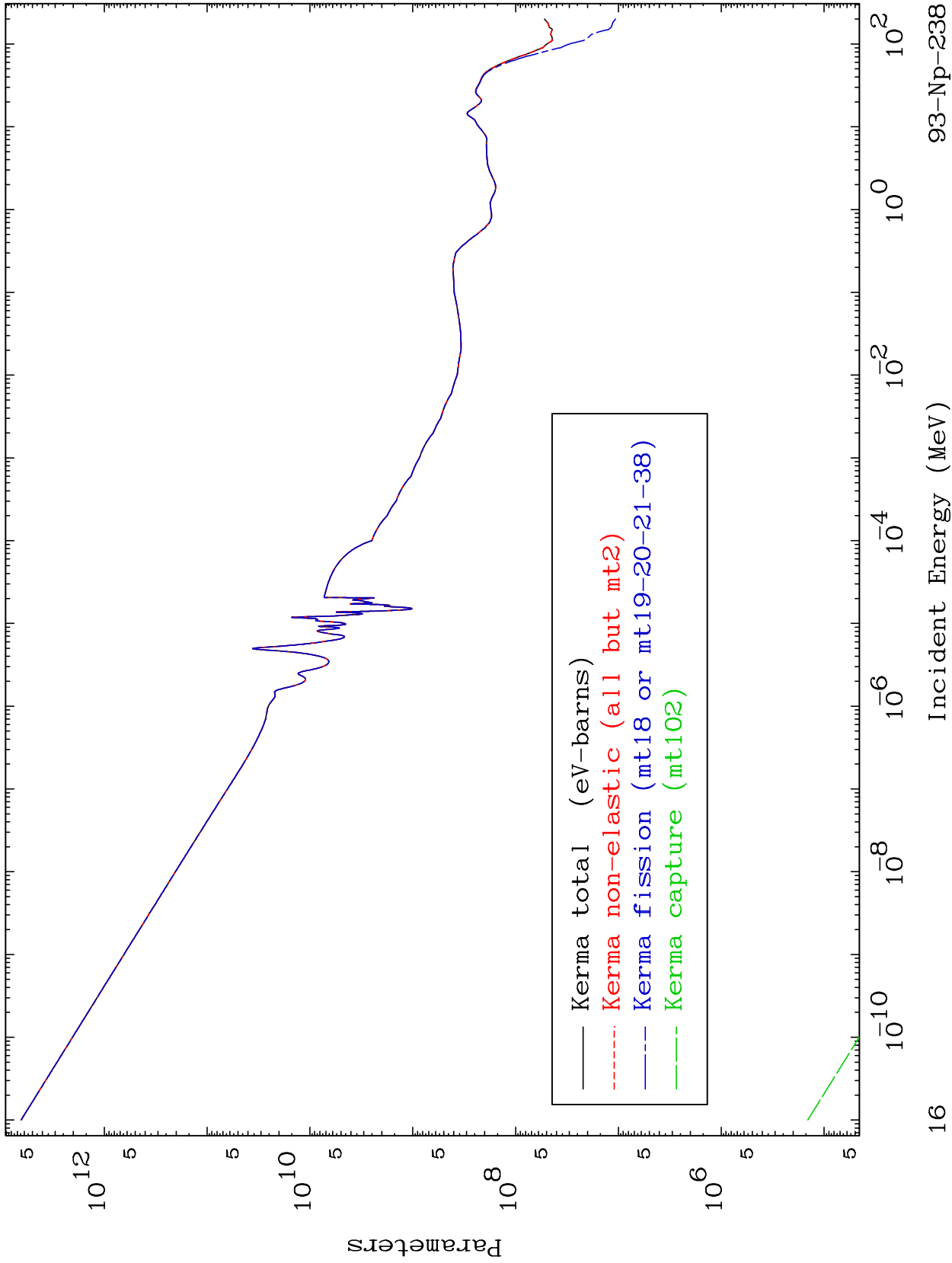
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

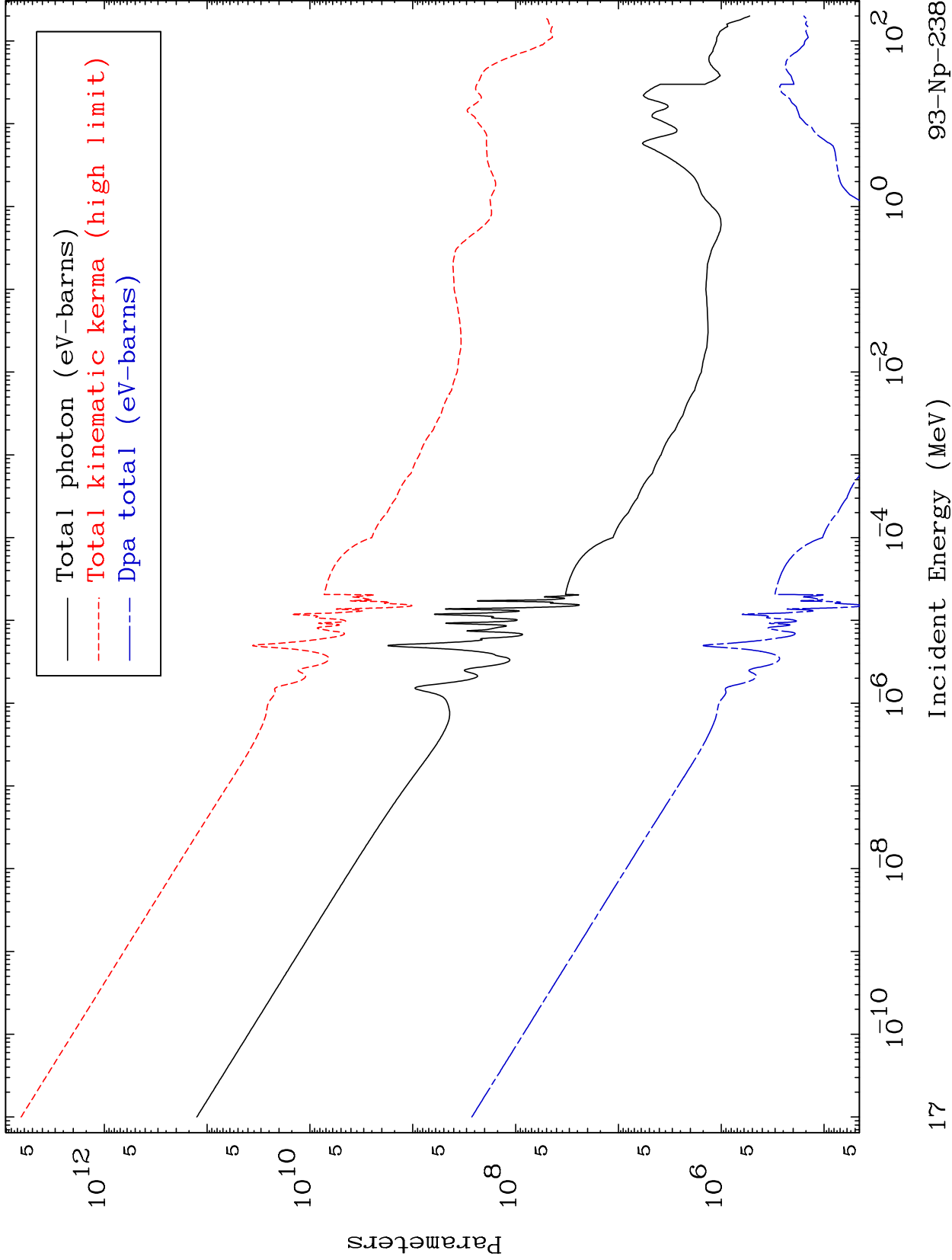
93-Np-238



15



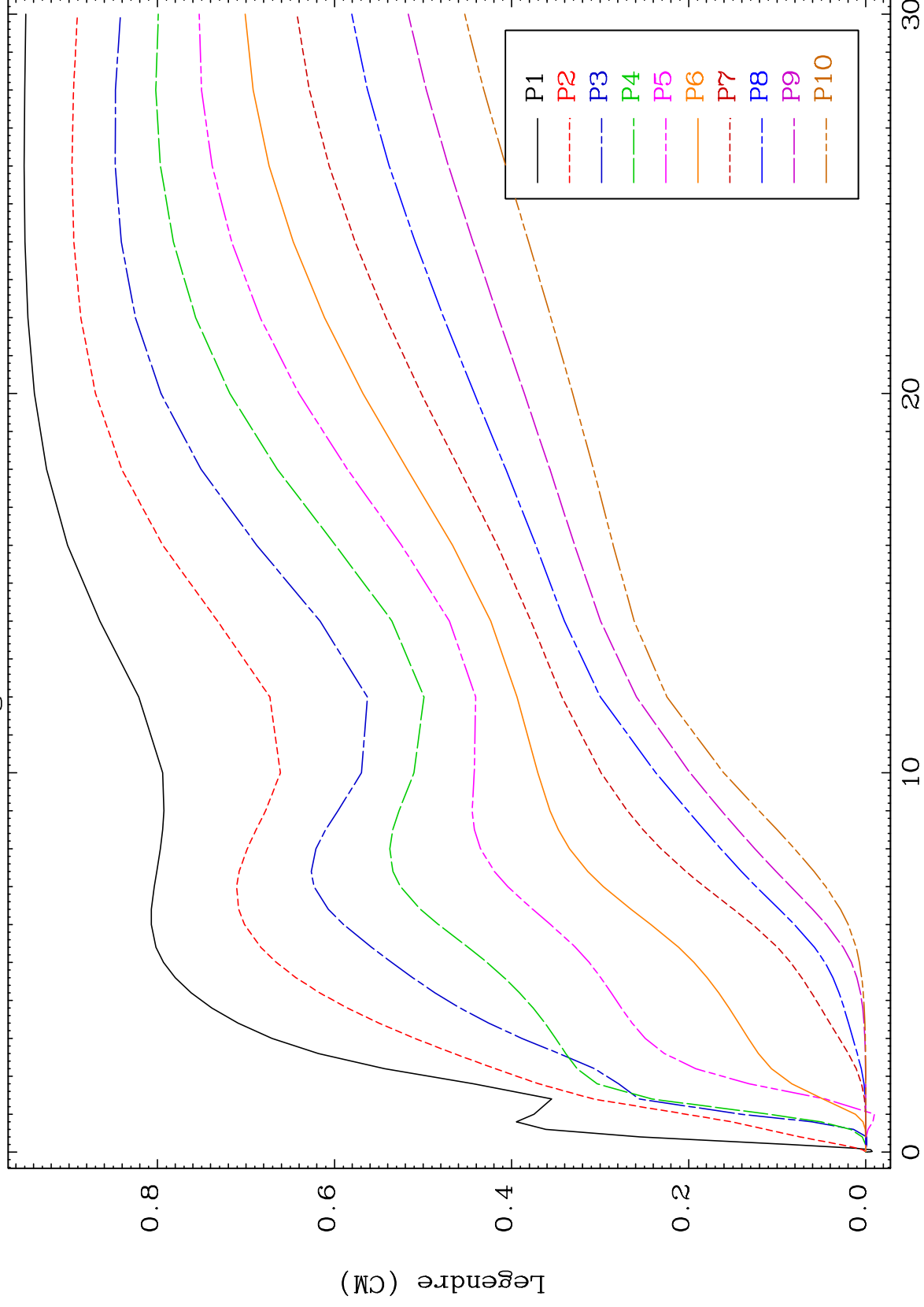




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Elastic Legendre Coefficients

<sup>93</sup>Np-238



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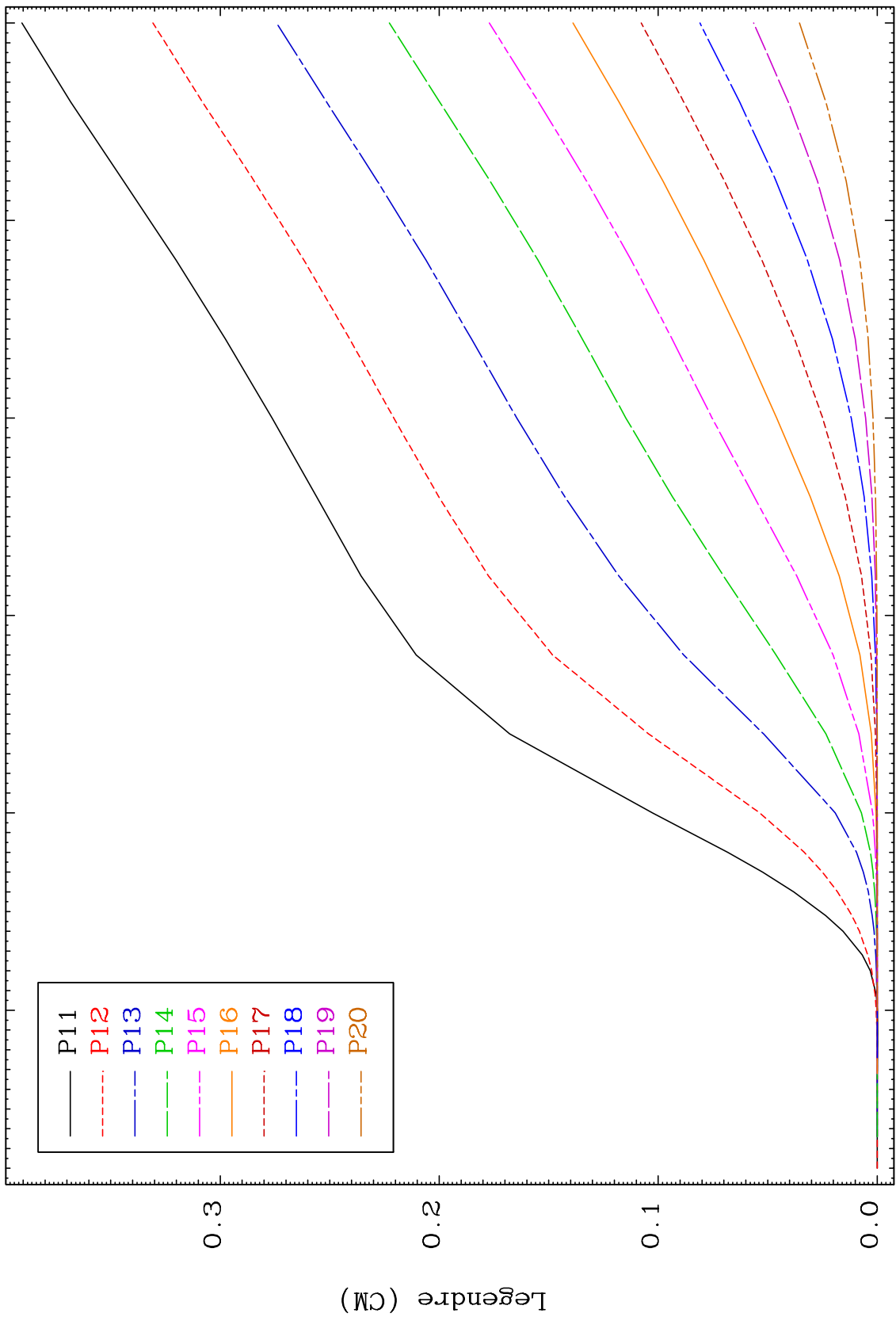
Incident Energy (MeV)

<sup>93</sup>Np-238

MAT 9349

Elastic Legendre Coefficients

<sup>93</sup>Np-238



19

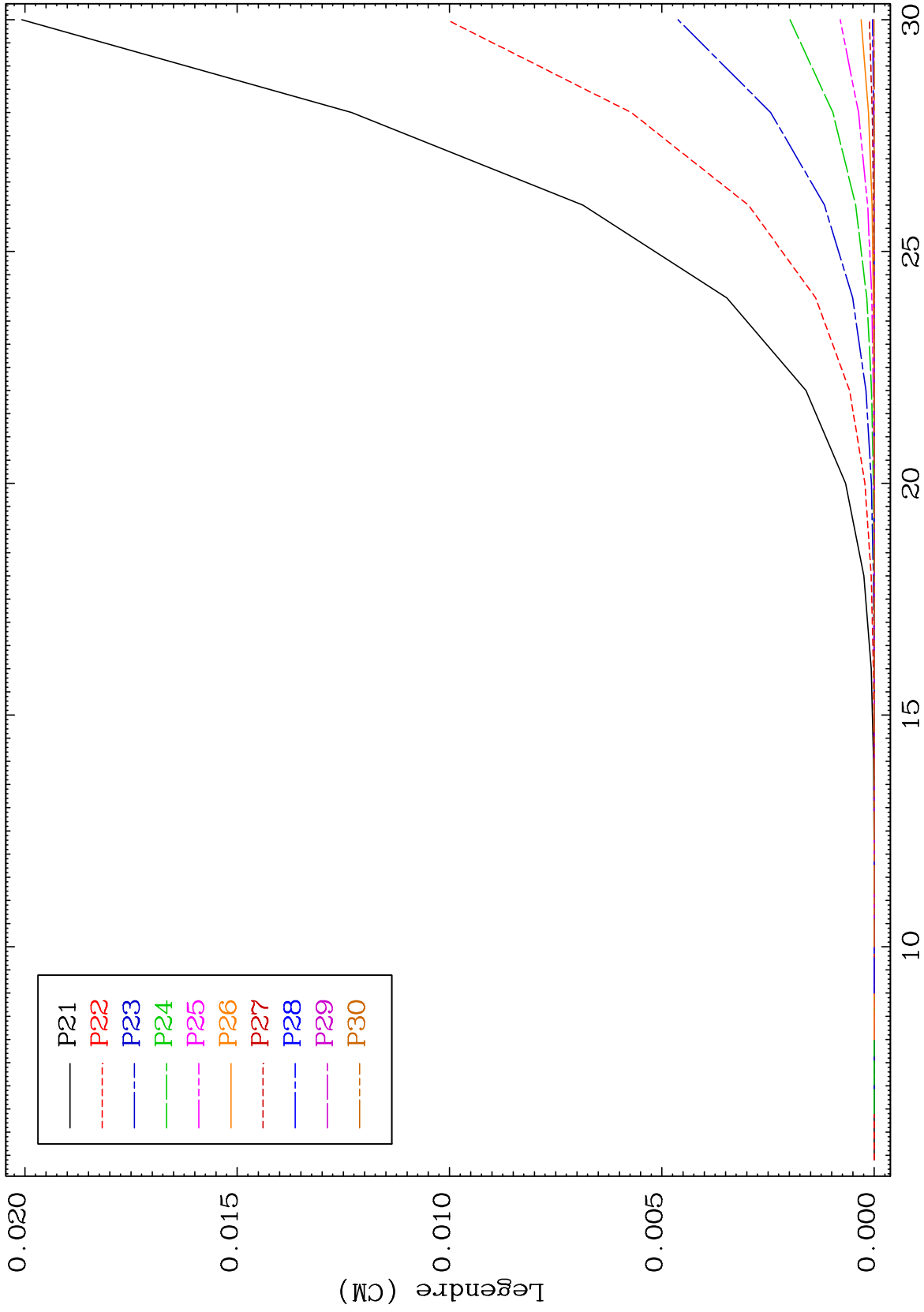
Incident Energy (MeV)

<sup>93</sup>Np-238

MAT 9349

Elastic Legendre Coefficients

93-Np-238



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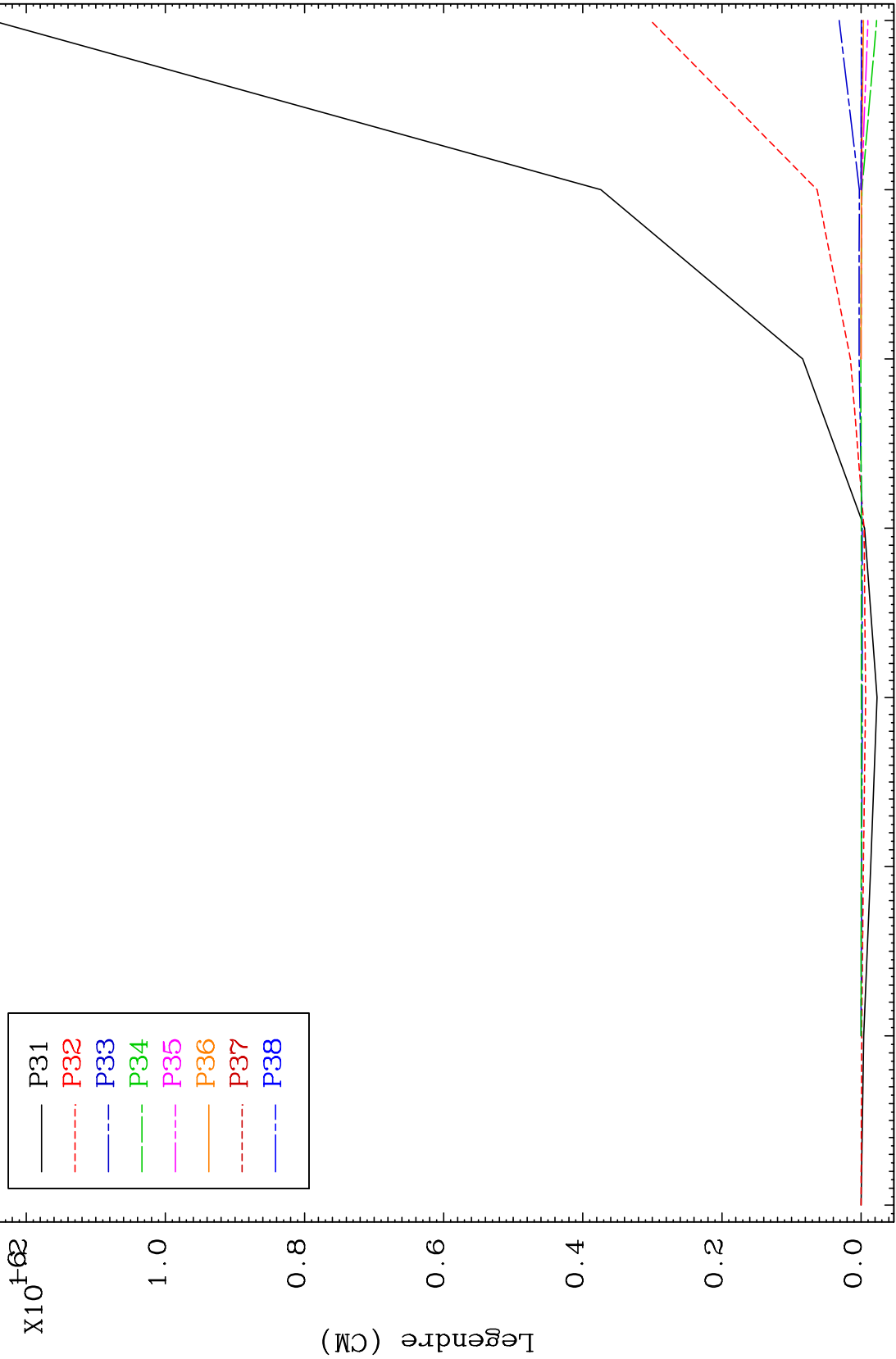
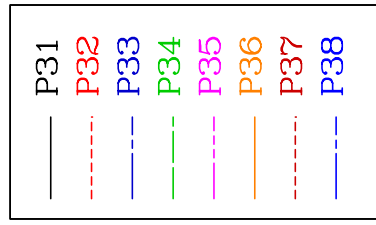
Incident Energy (MeV)

93-Np-238

MAT 9349

Elastic Legendre Coefficients

93-Np-238



21

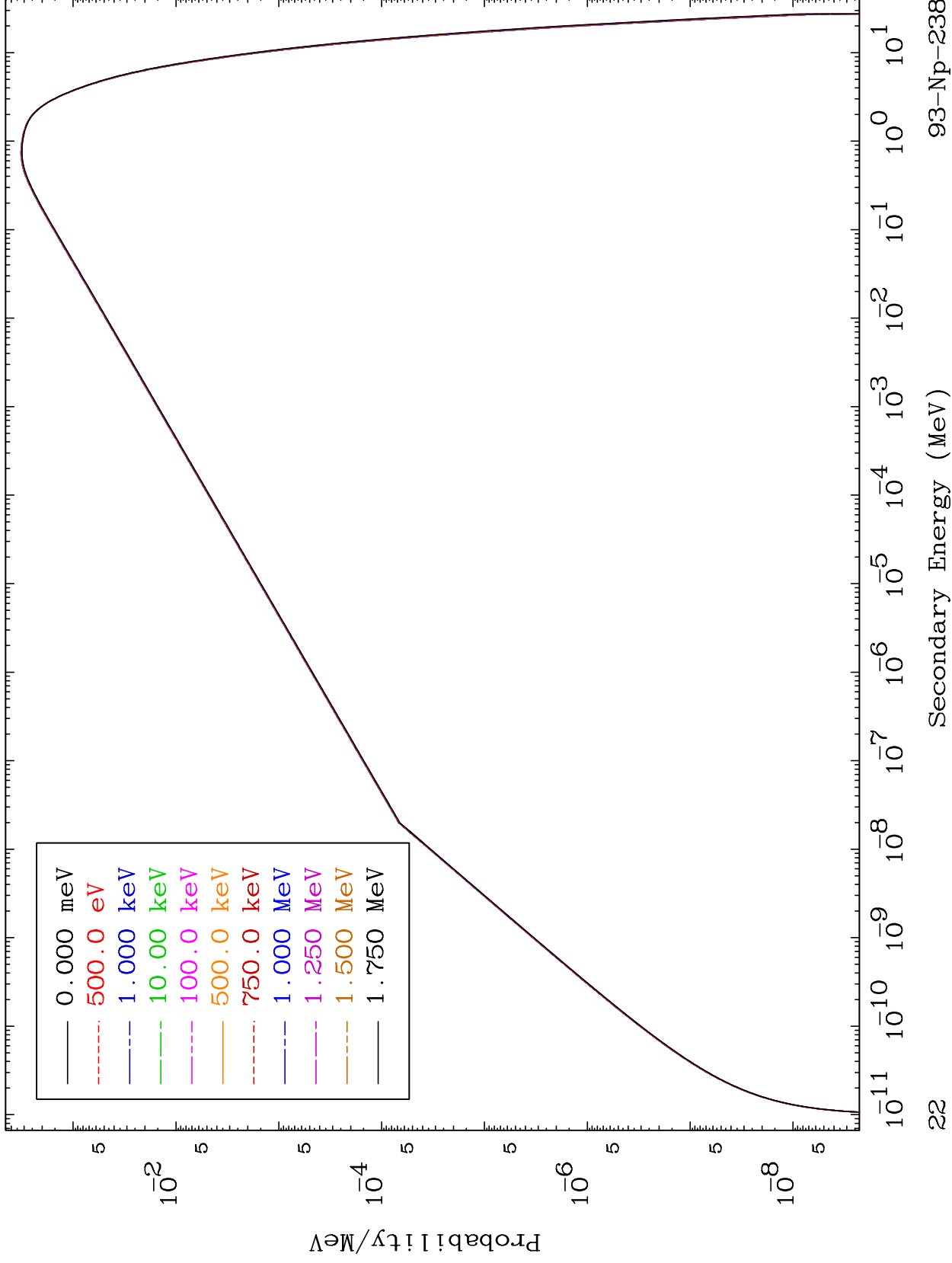
Incident Energy (MeV)

93-Np-238

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### Fission Energy Distribution

93-Np-238



93-Np-238

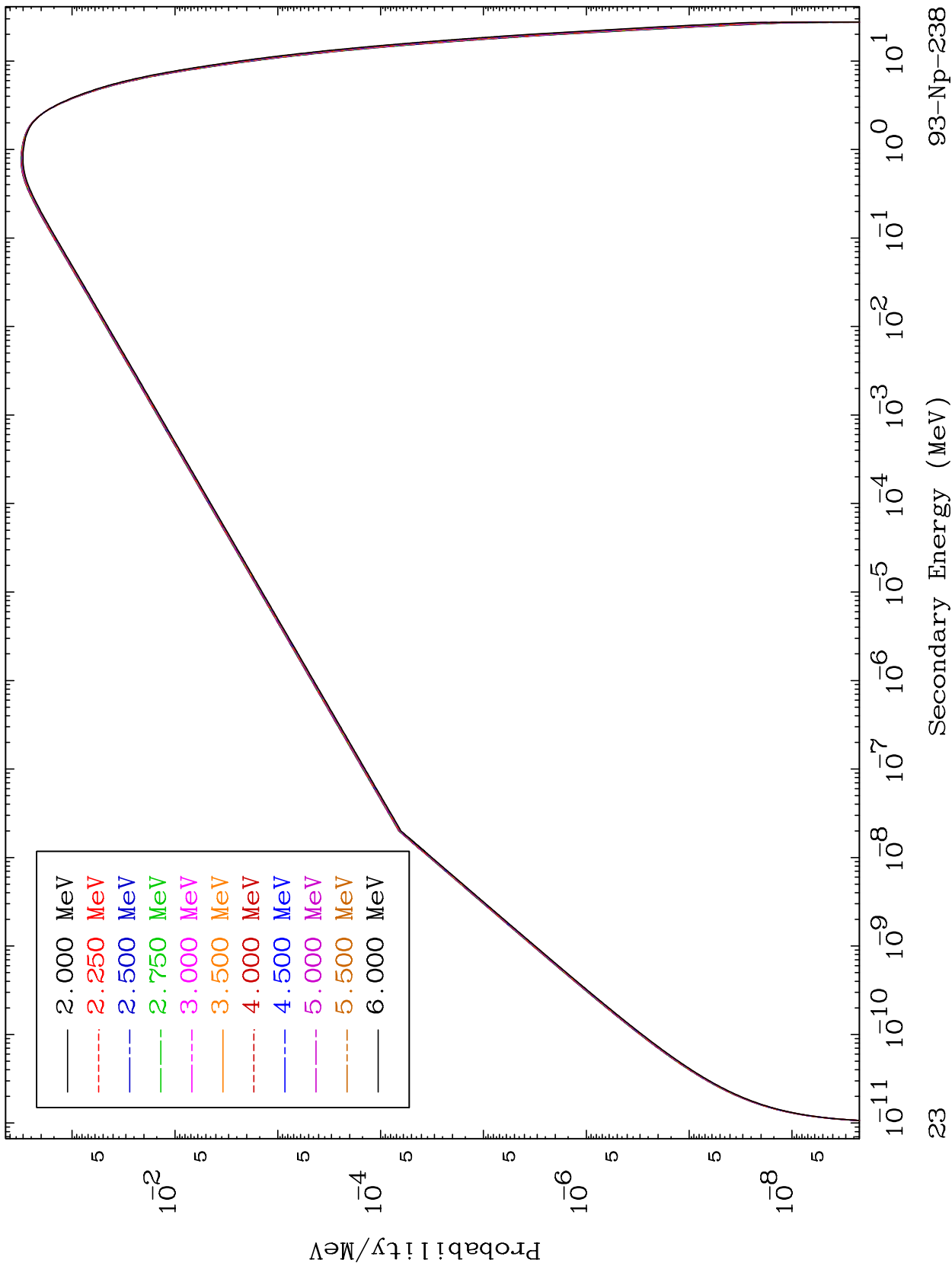
Secondary Energy (MeV)

22

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### Fission Energy Distribution

93-Np-238



93-Np-238

Secondary Energy (MeV)

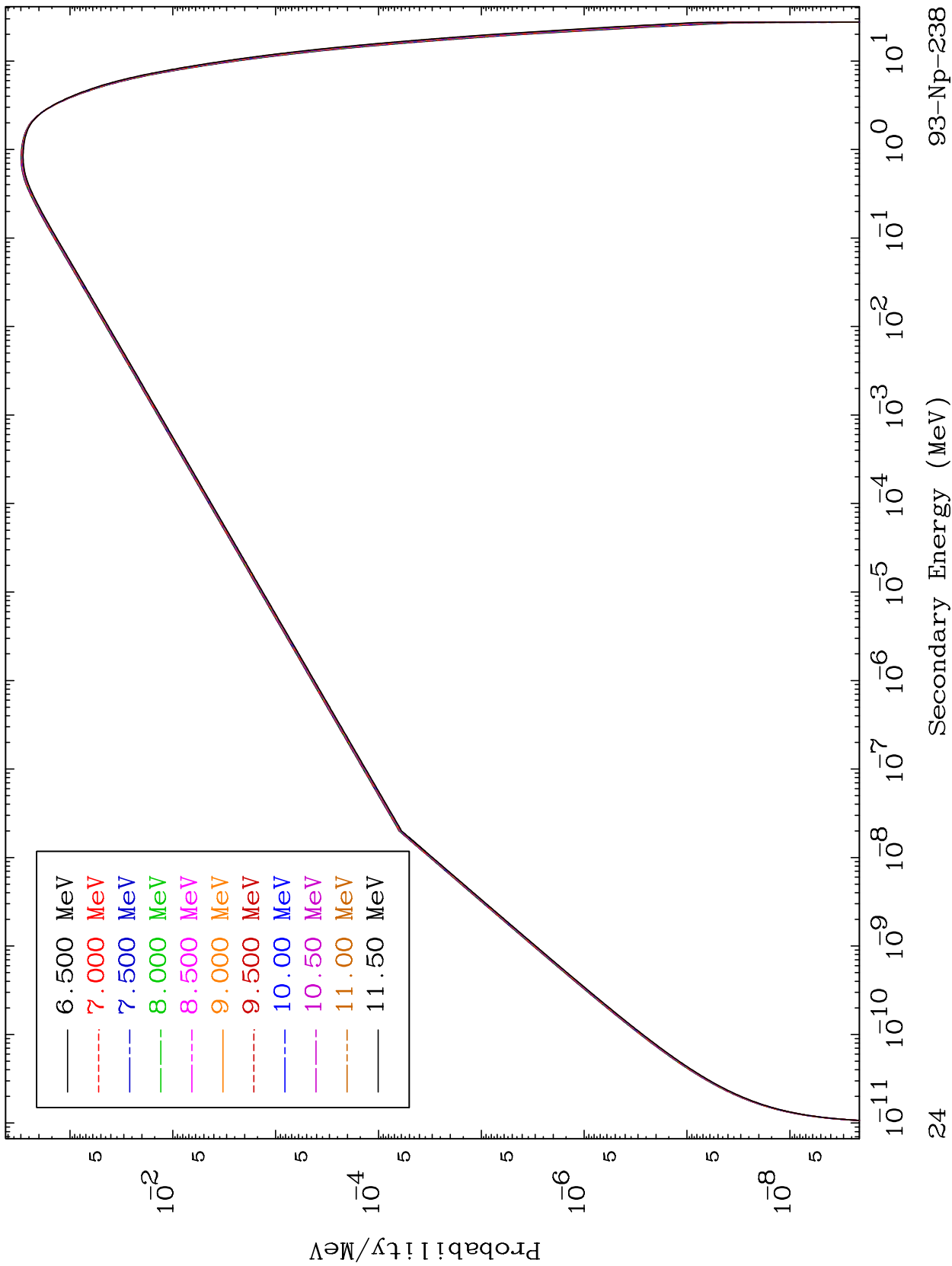
23



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### Fission Energy Distribution

93-Np-238



93-Np-238

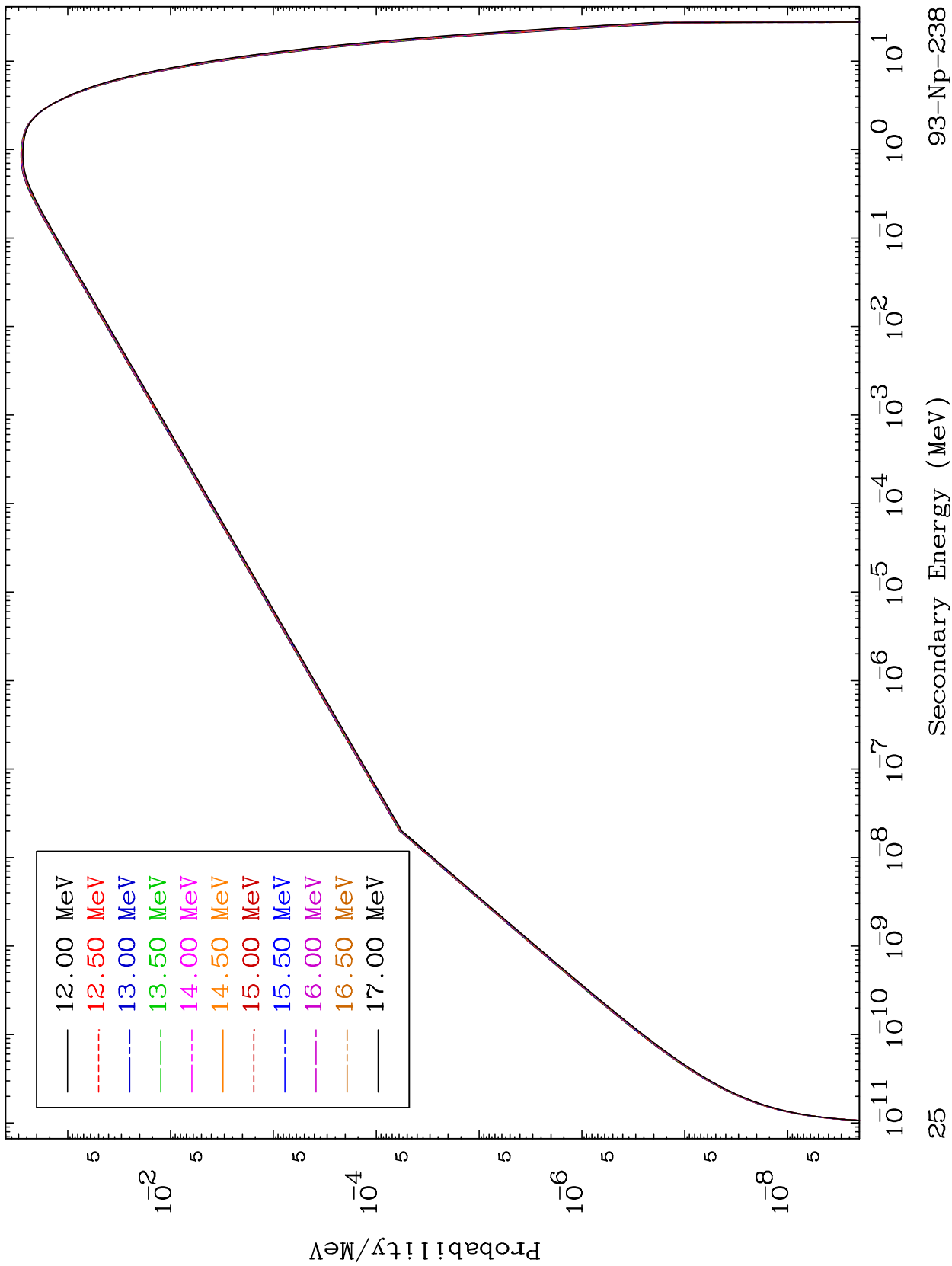
Secondary Energy (MeV)

24

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### Fission Energy Distribution

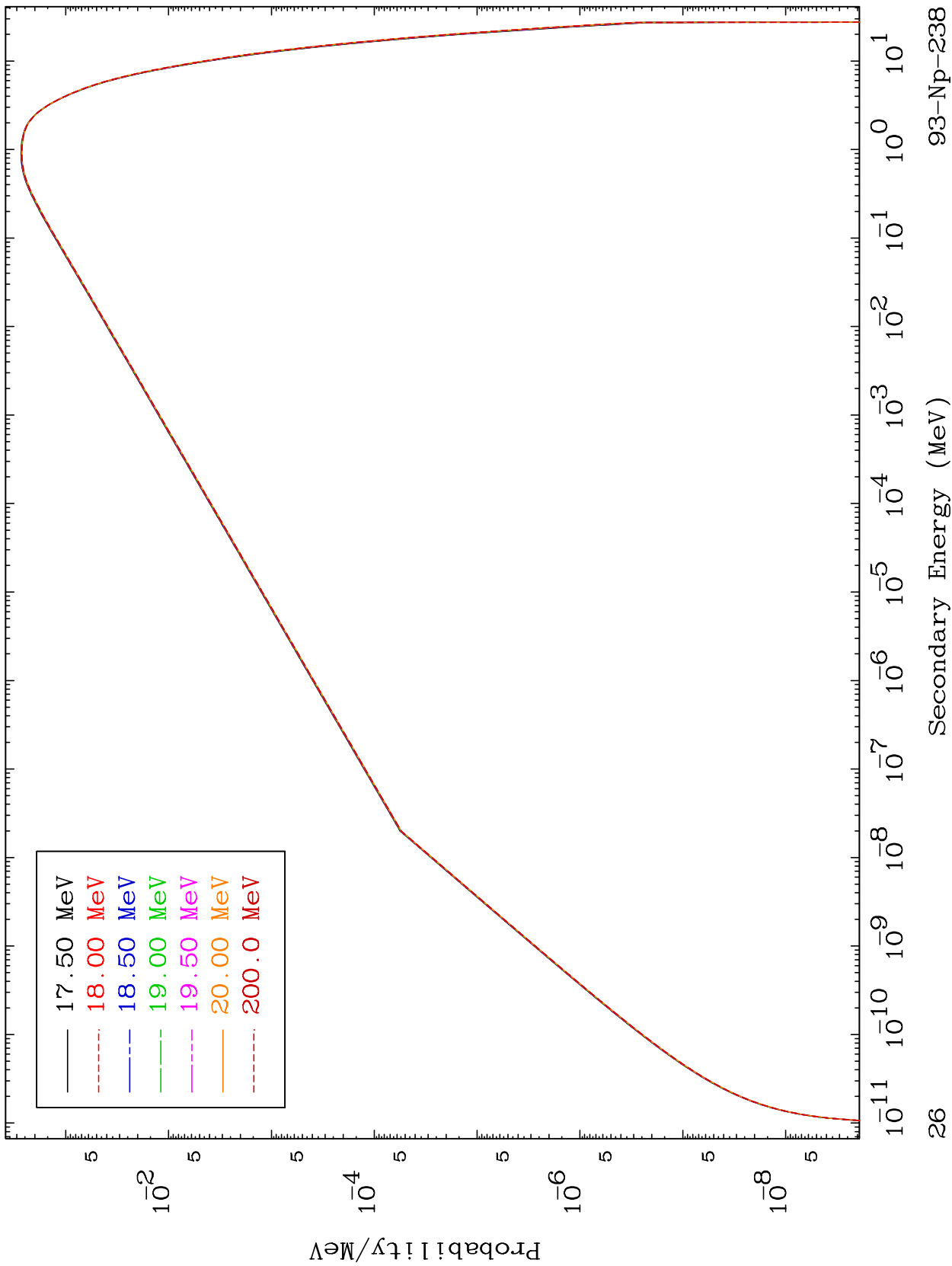
93-Np-238



MAT 9349

### Fission Energy Distribution

93-Np-238



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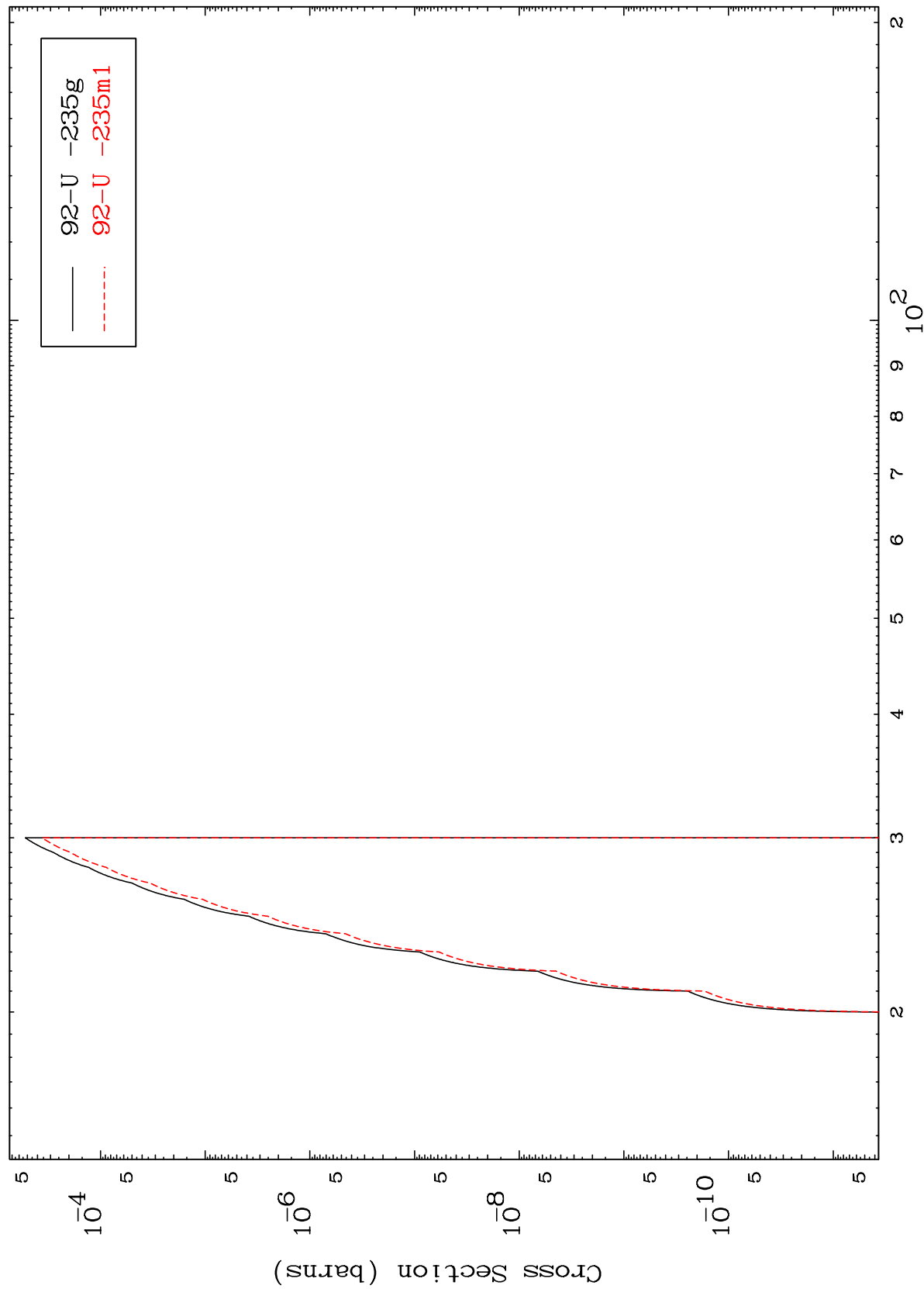
93-Np-238

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(n,2n) d

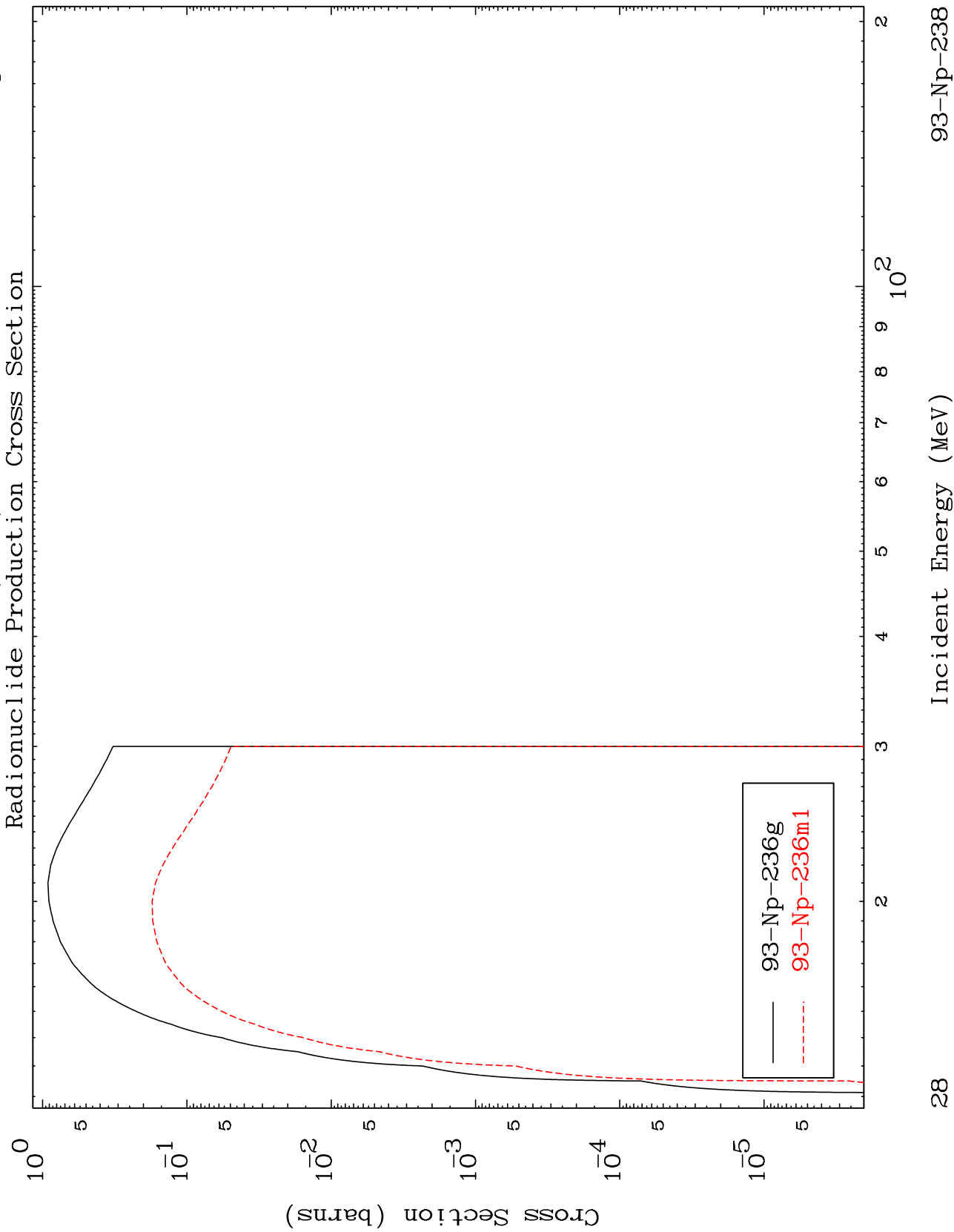
93-Np-238

Radionuclide Production Cross Section



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93-Np-238

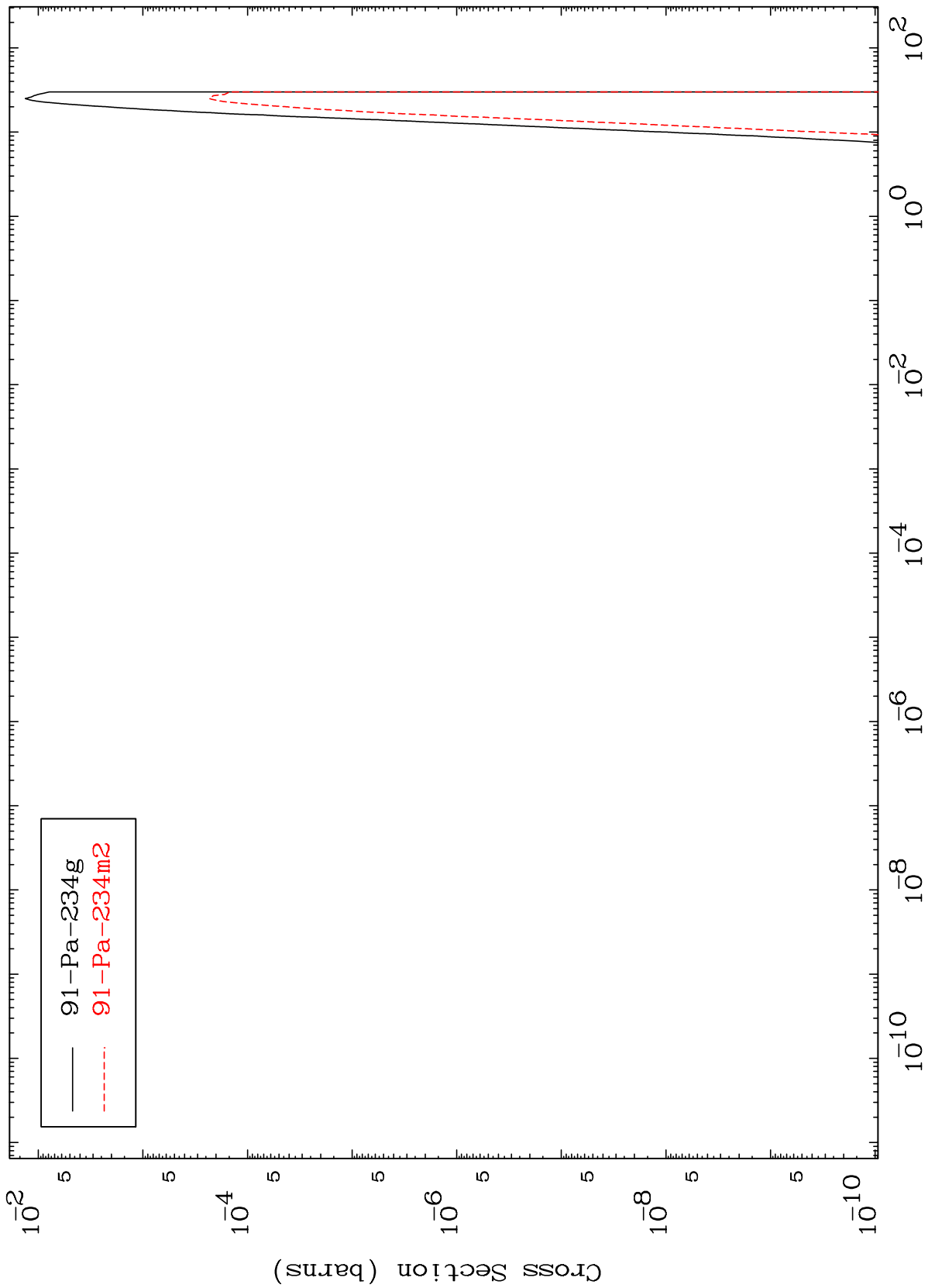


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$(n, n') \alpha$

$^{93}\text{Np-238}$

Radionuclide Production Cross Section

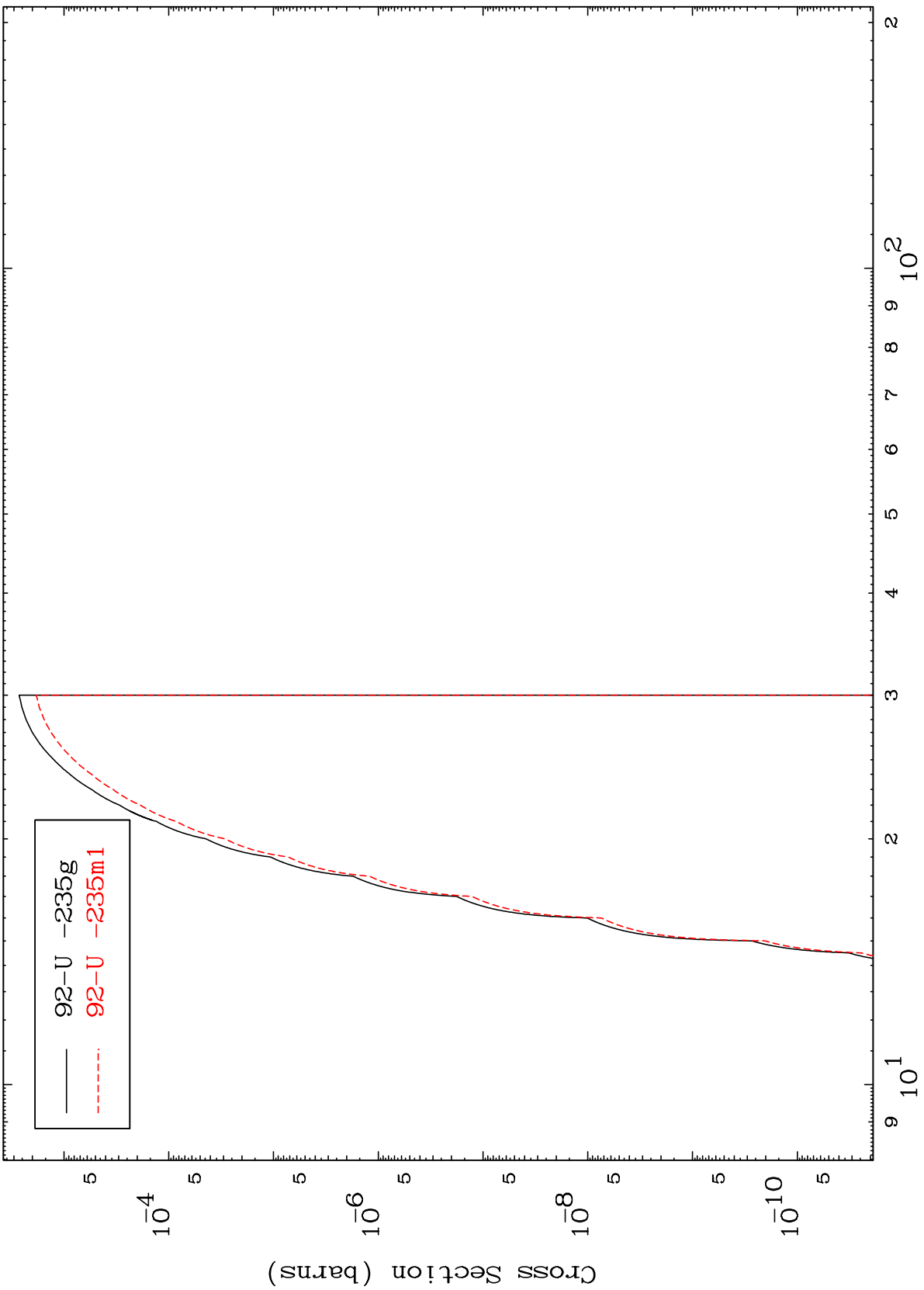


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(n,n') t

93-Np-238

Radionuclide Production Cross Section



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Incident Energy (MeV)

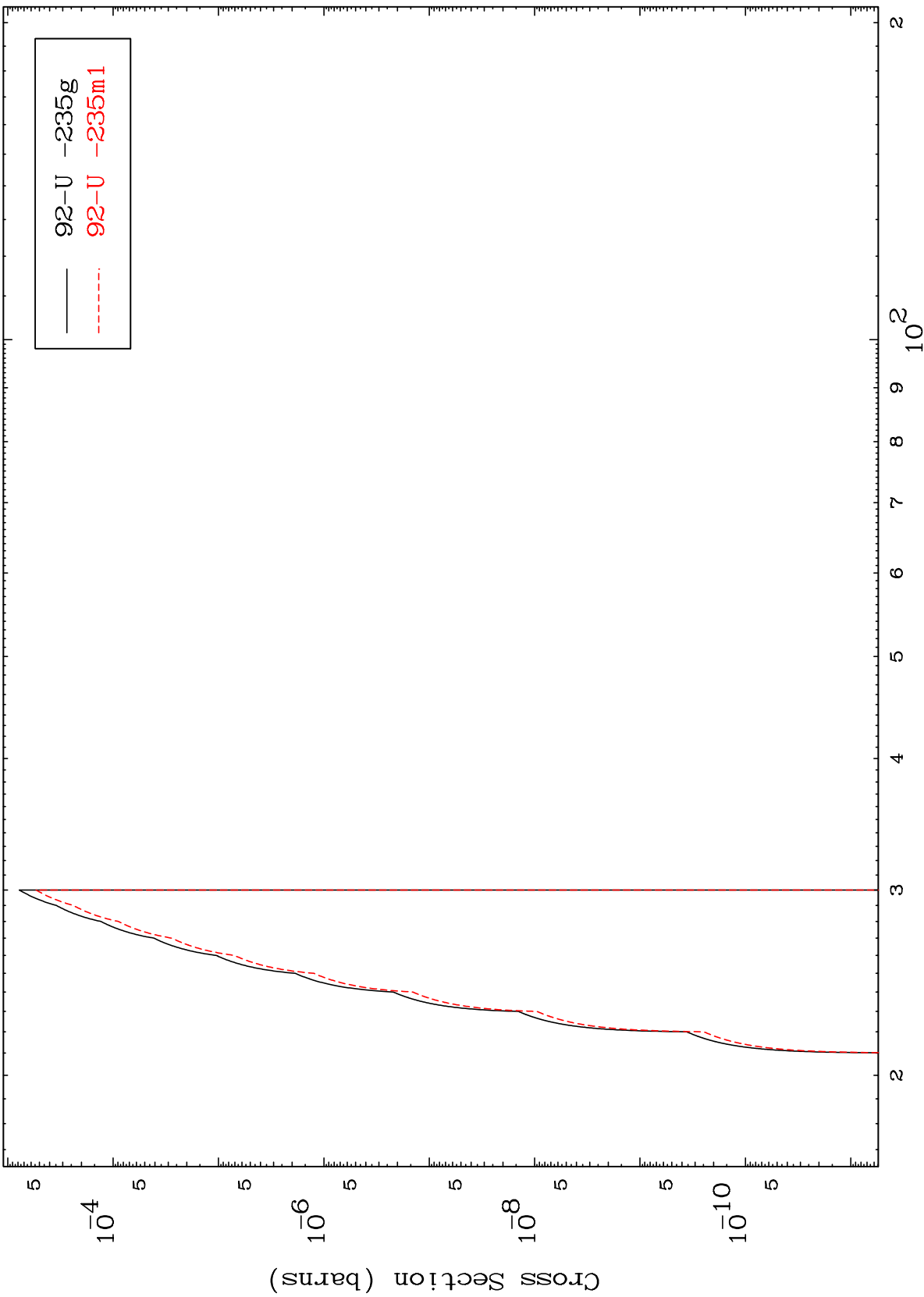
93-Np-238

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(n,3n) p

93-Np-238

Radionuclide Production Cross Section



92-U -235g  
92-U -235m1