

Program EVALPLOT  
(Version 2017-1)

by

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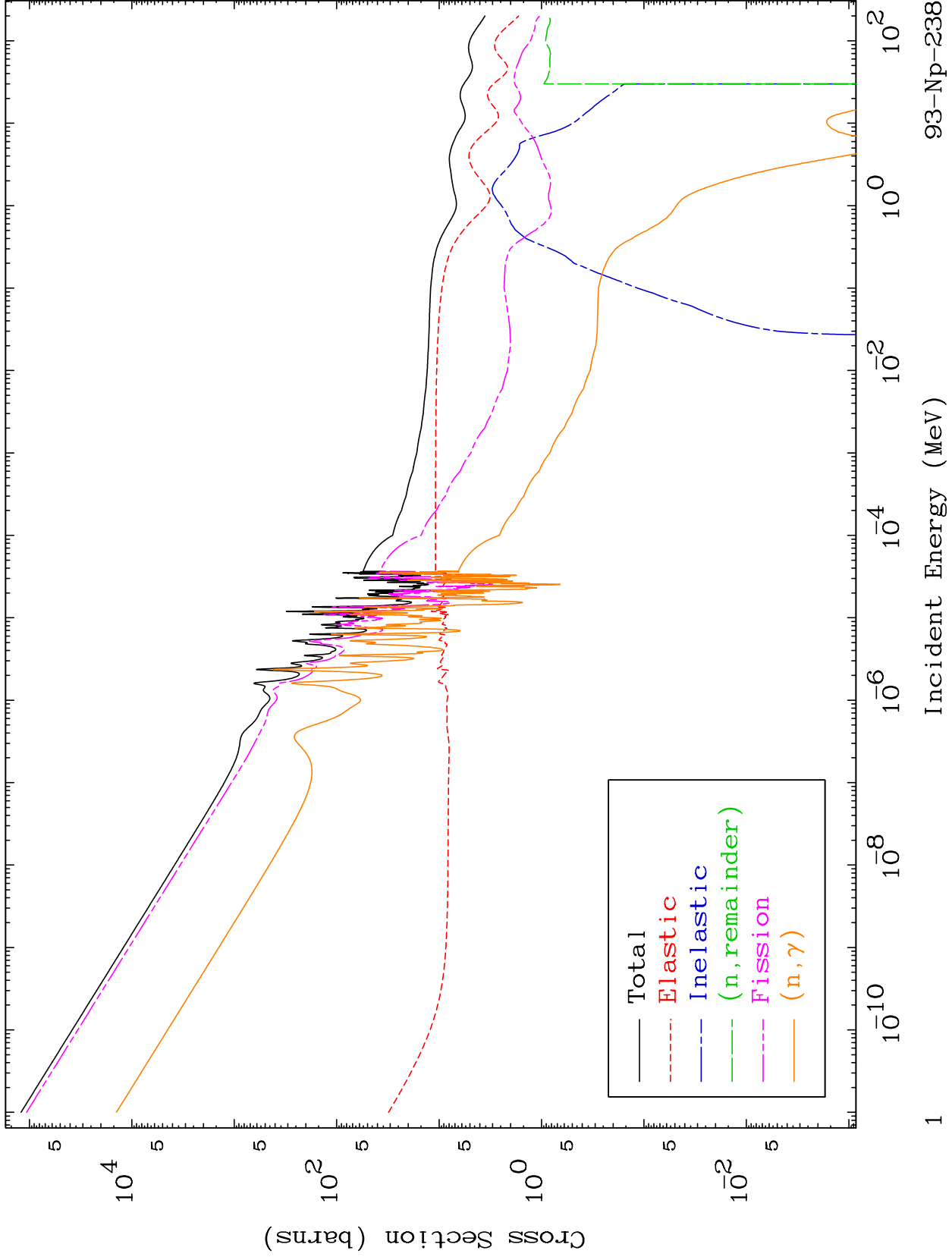
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9349

Major  
293 Kelvin Cross Sections

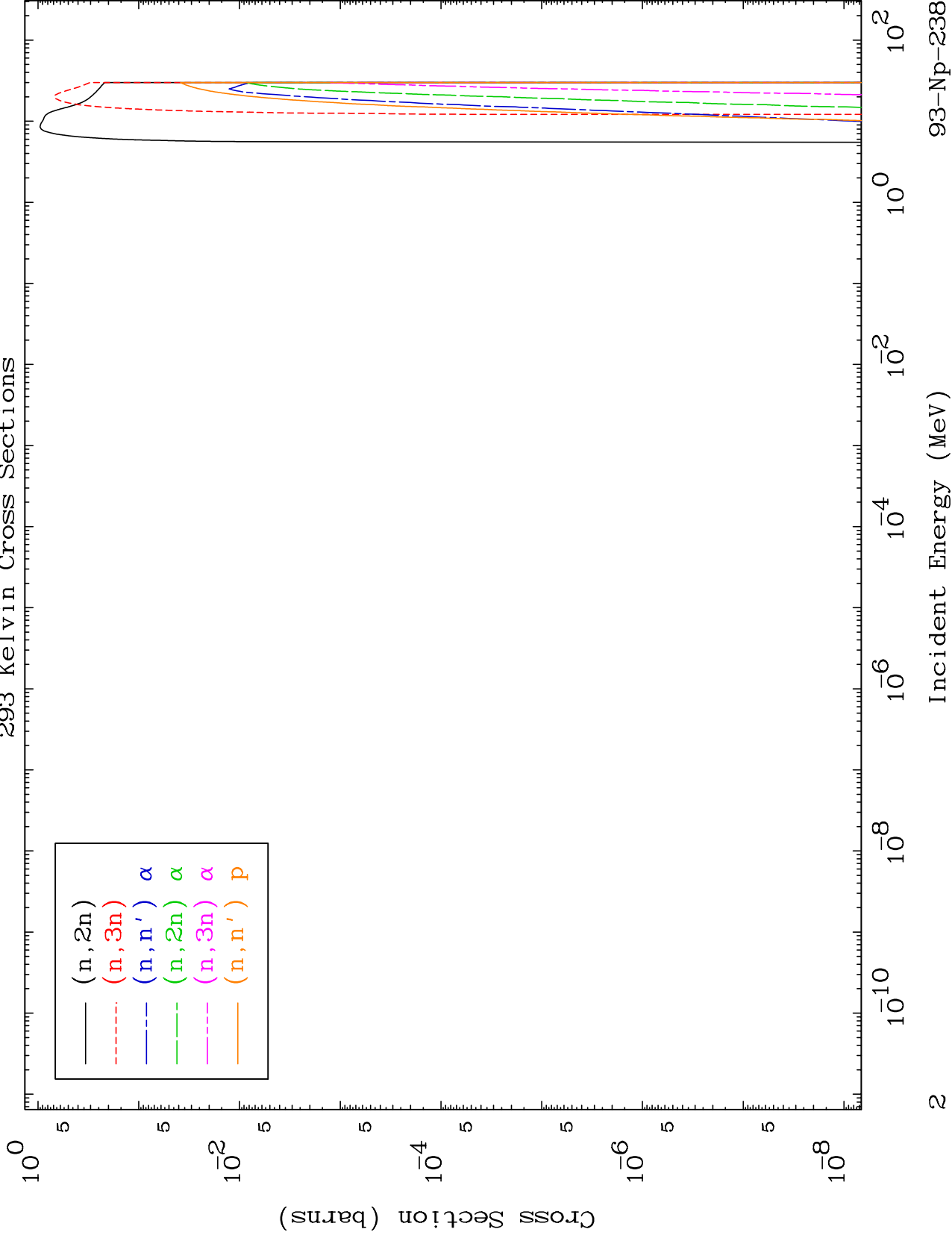
93-Np-238



MAT 9349

Neutron Production  
293 Kelvin Cross Sections

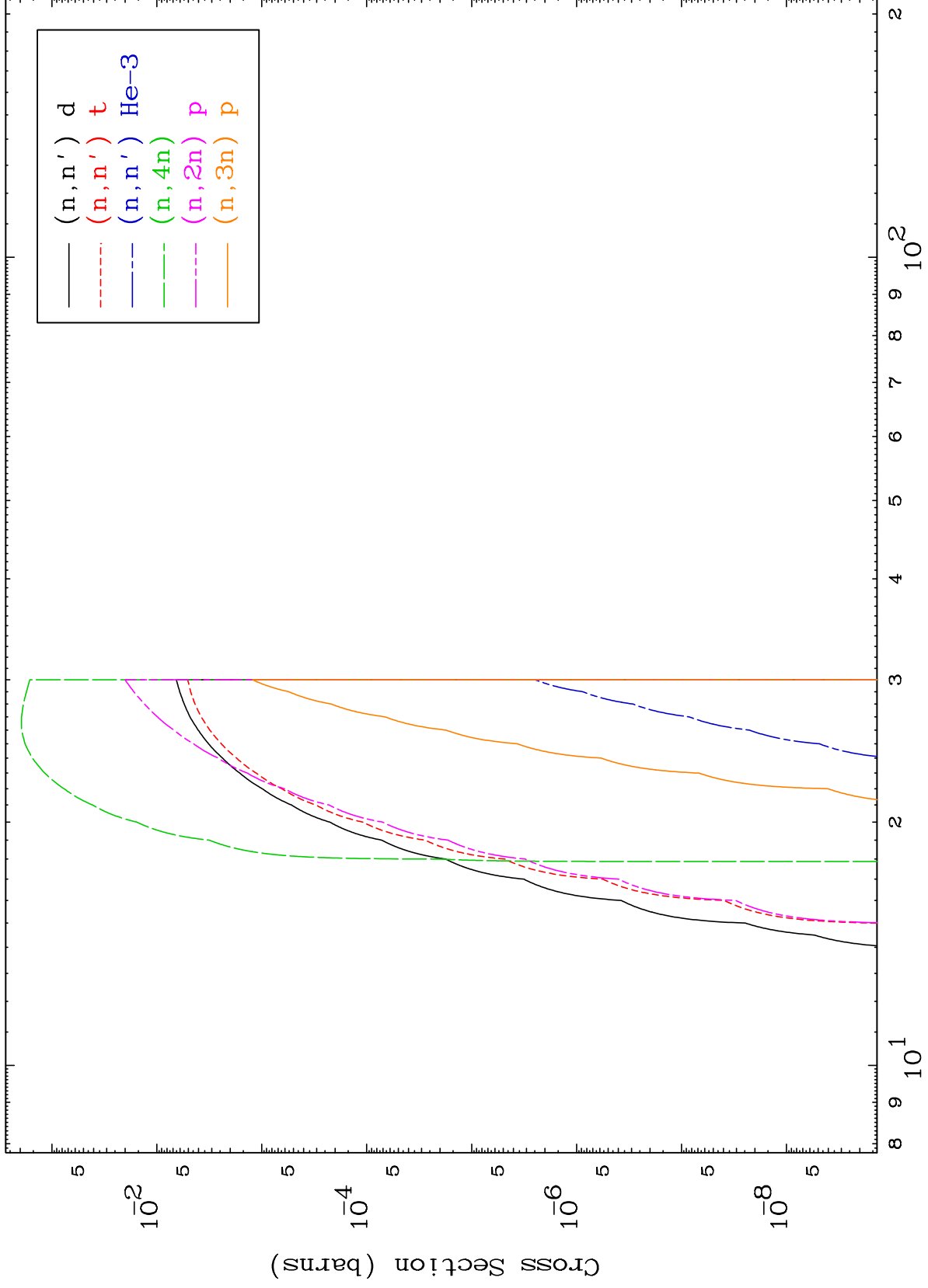
93-Np-238



MAT 9349

Neutron Production  
293 Kelvin Cross Sections

93-Np-238



Incident Energy (MeV)

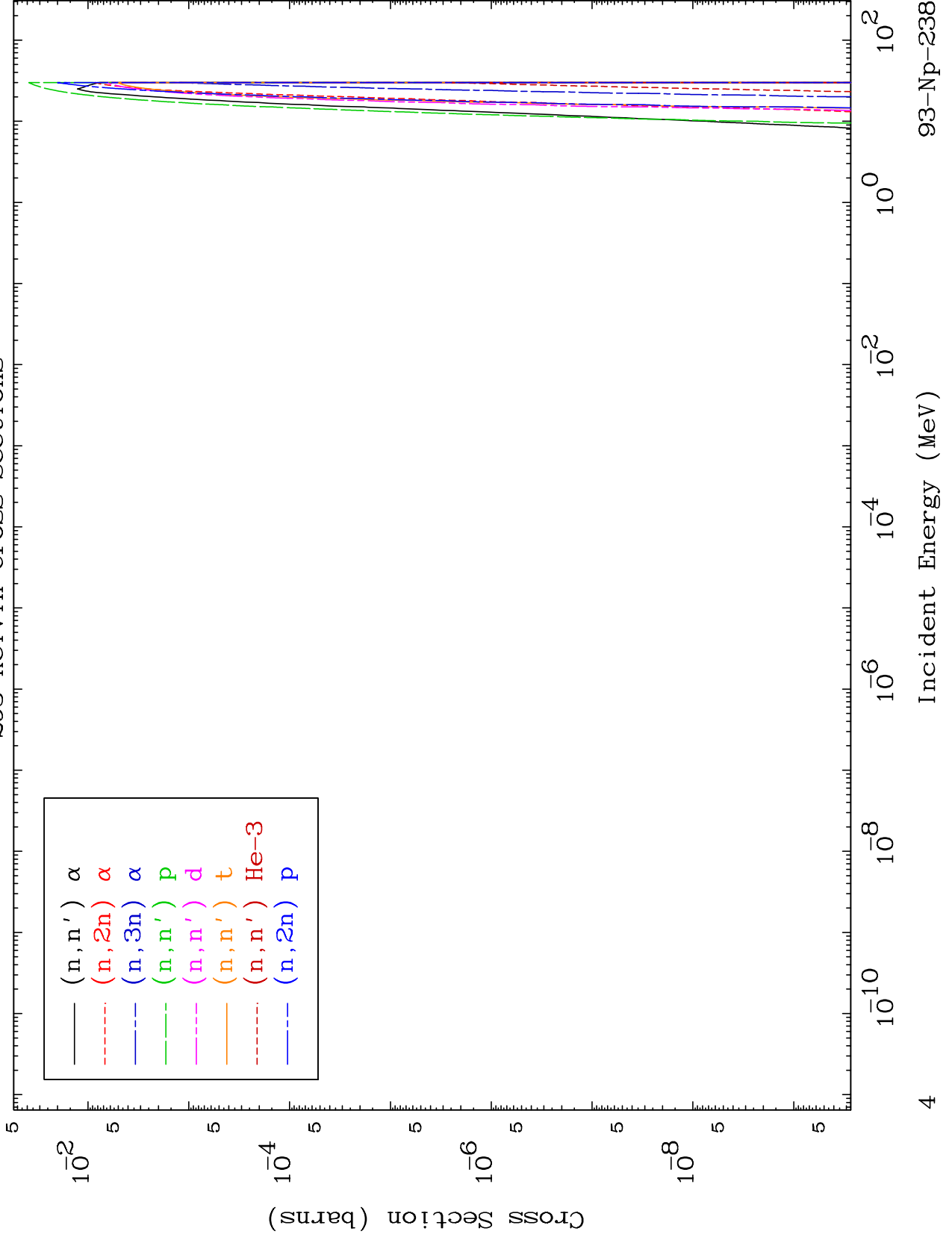
93-Np-238

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MAT 9349

Charged Particle  
293 Kelvin Cross Sections

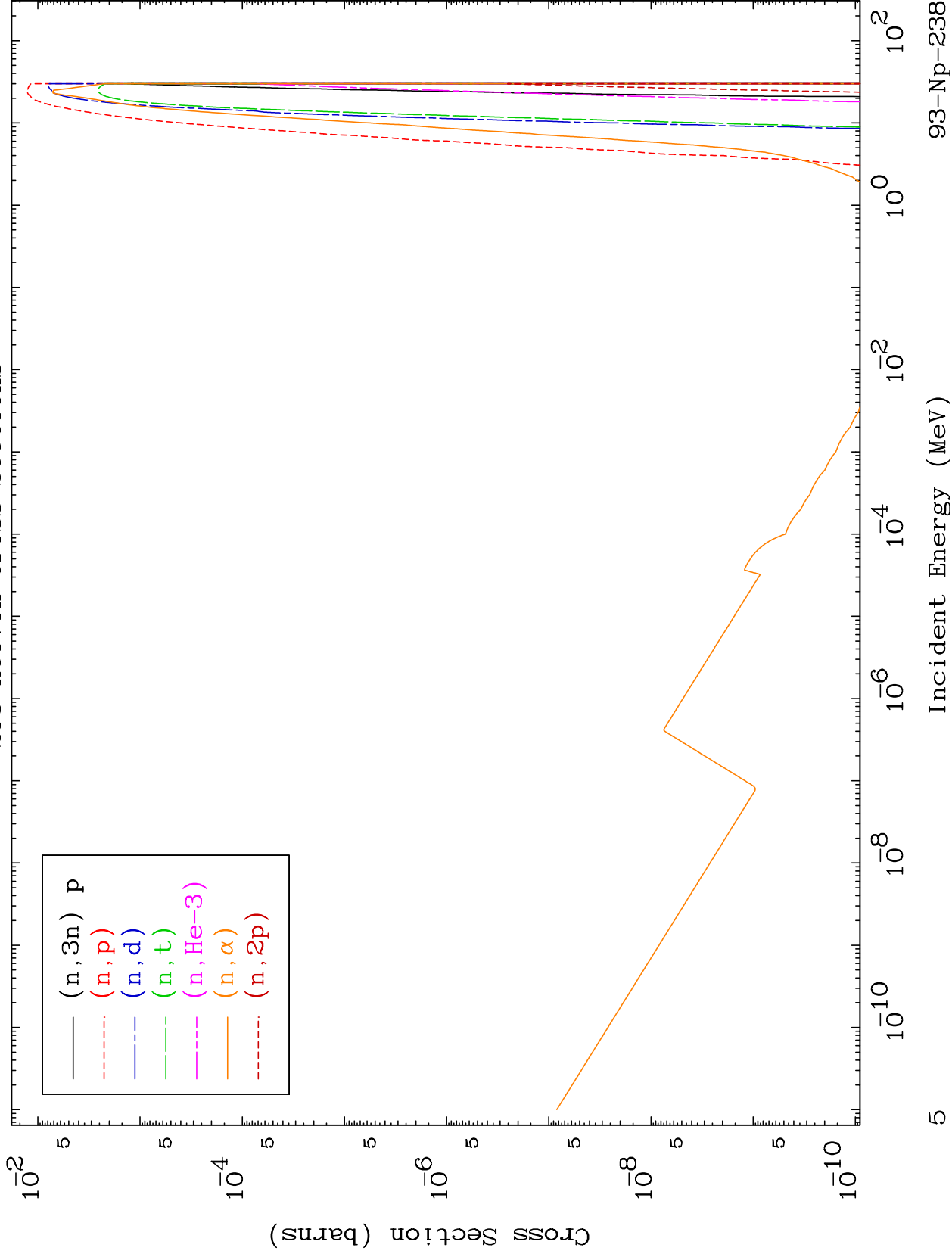
93-Np-238



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Charged Particle  
293 Kelvin Cross Sections

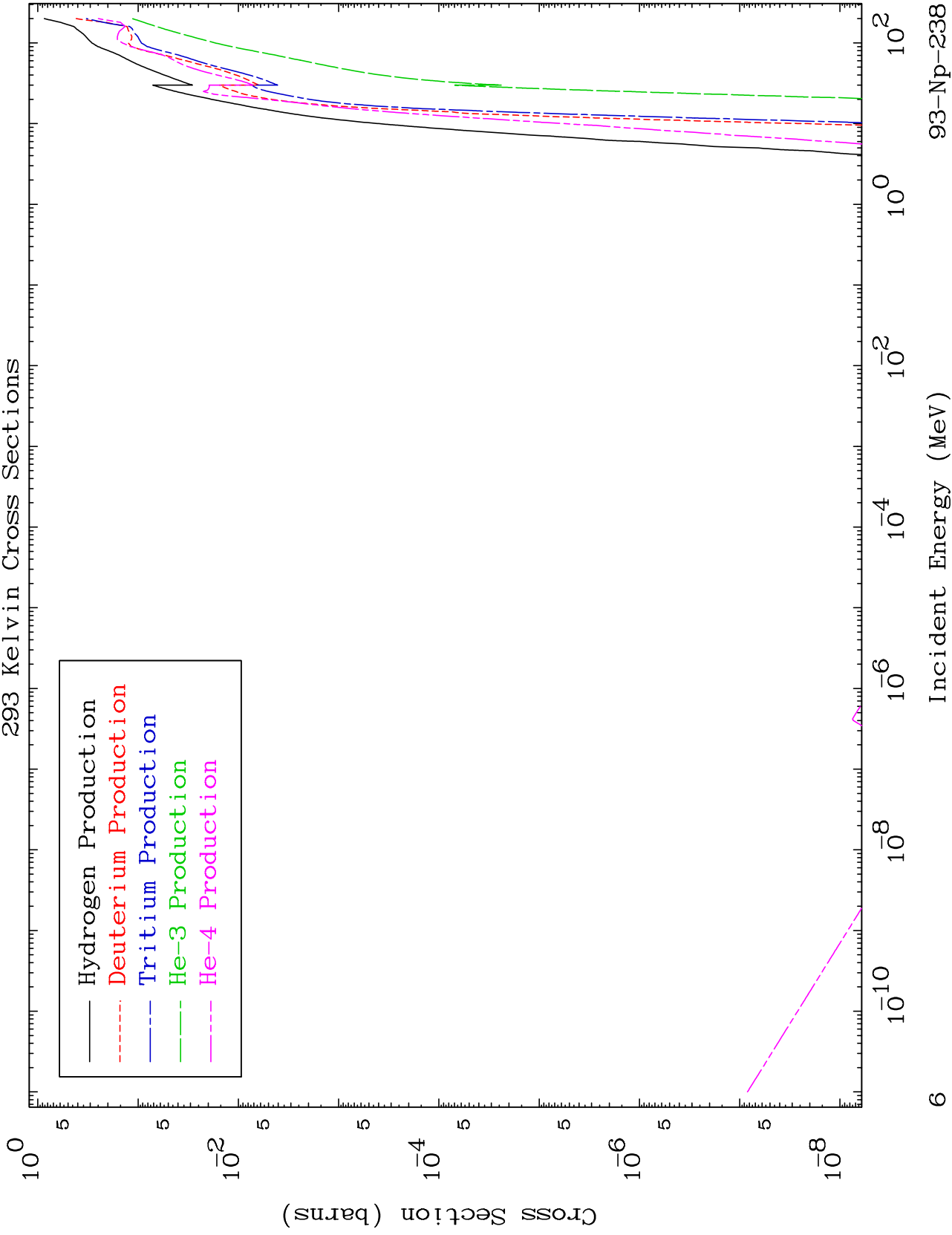
93-Np-238



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Particle Production  
293 Kelvin Cross Sections

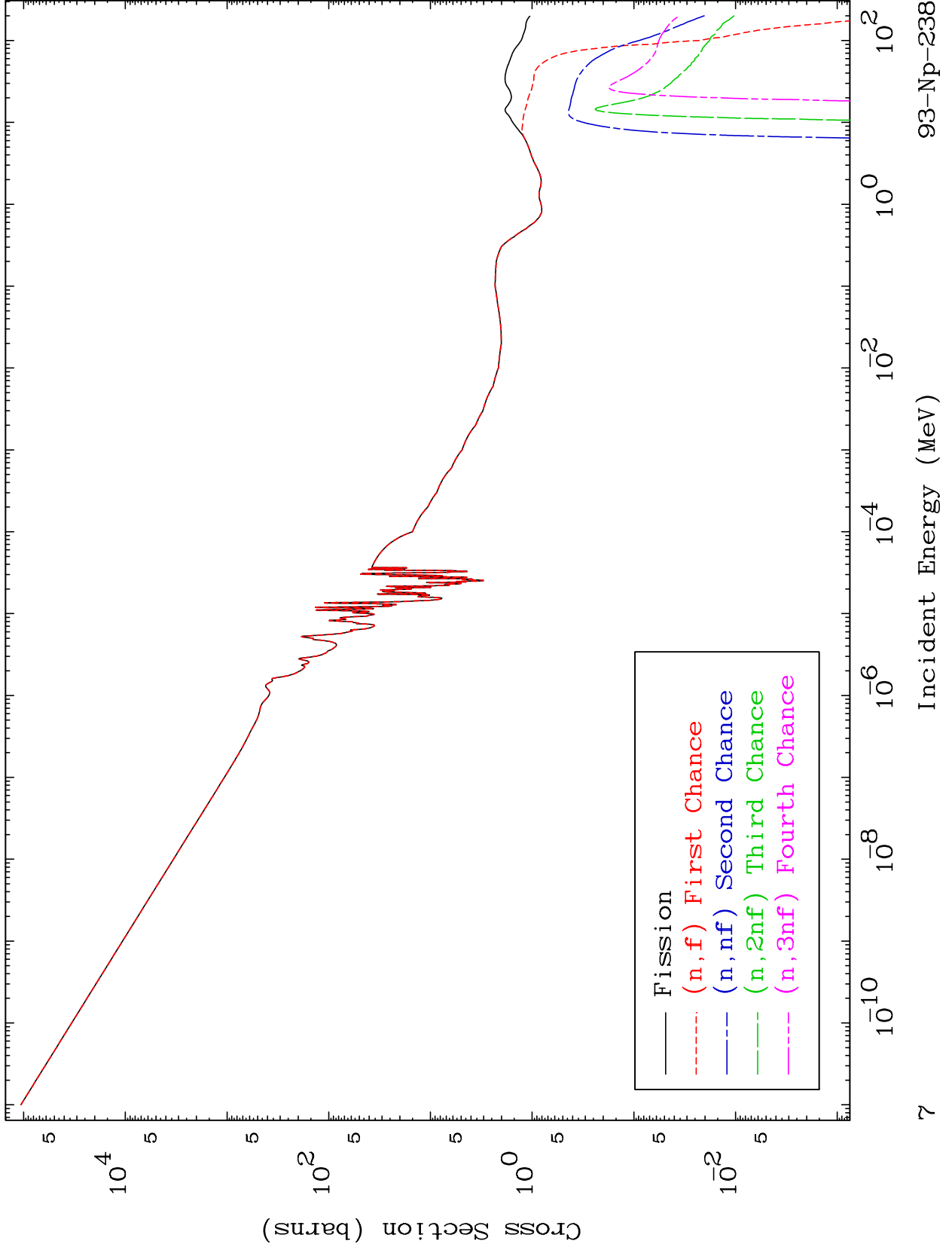
93-Np-238



MAT 9349

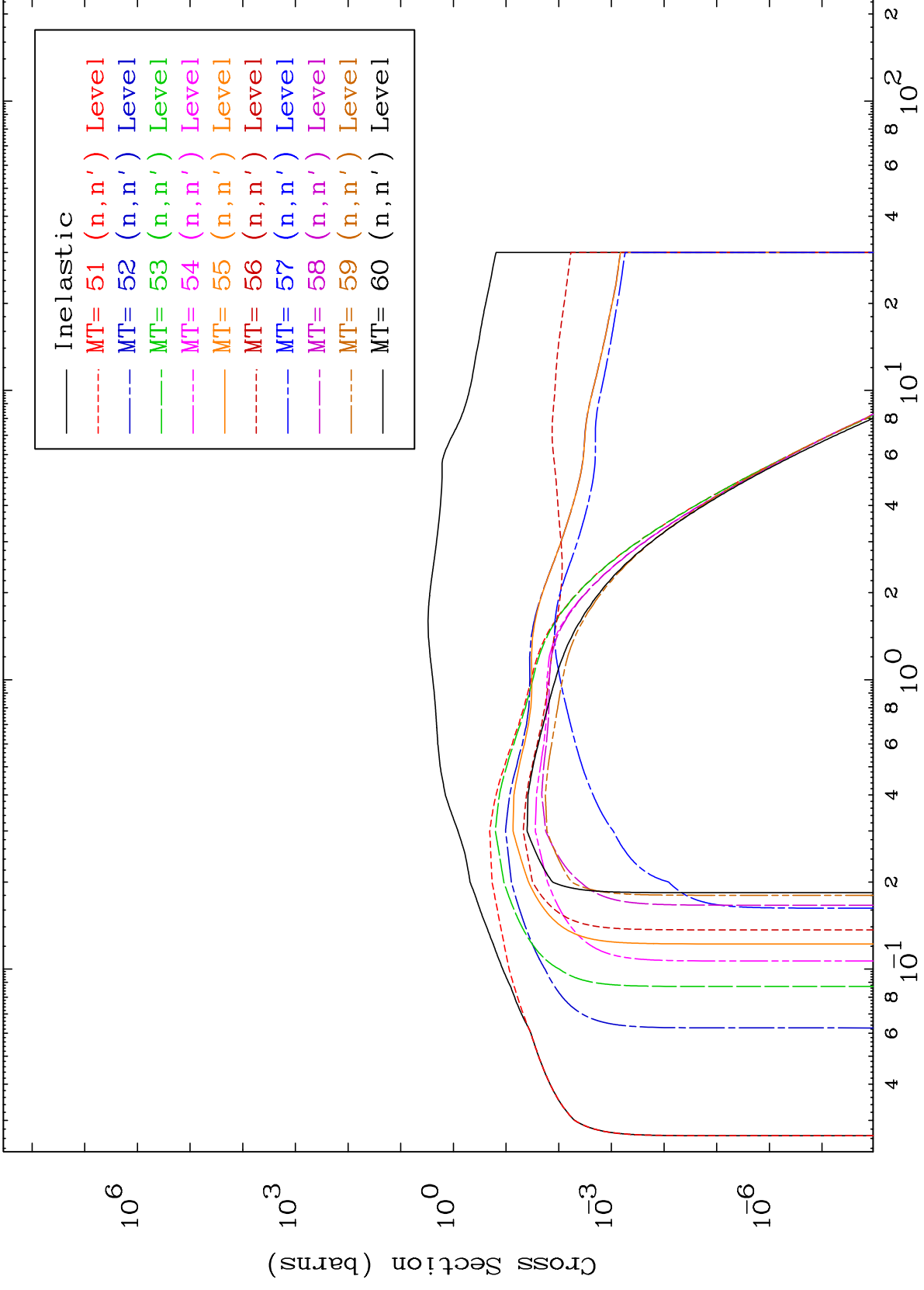
Fission  
293 Kelvin Cross Sections

93-Np-238





293 Kelvin Cross Sections

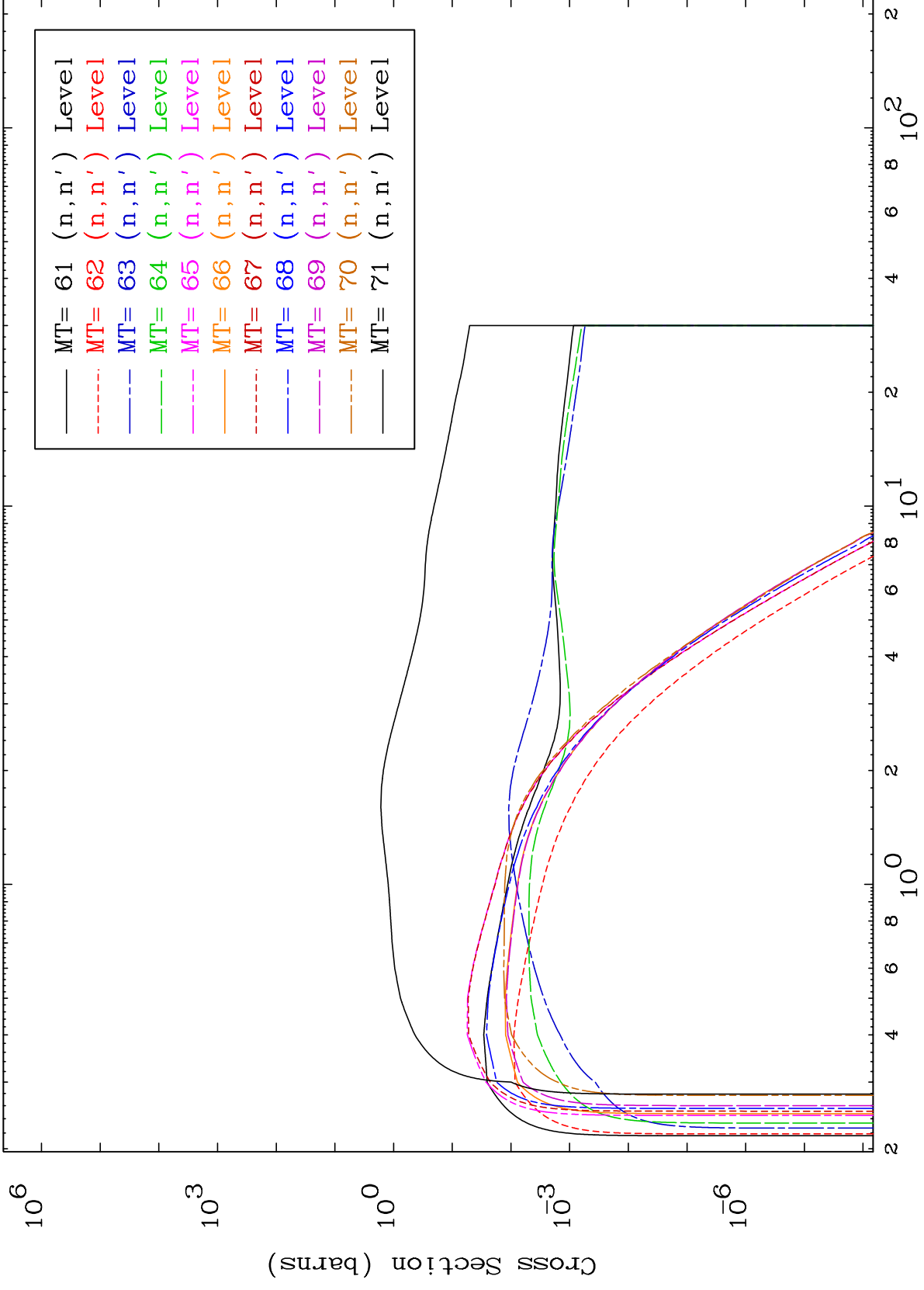


MAT 9349

(n,n') Level

93-Np-238

293 Kelvin Cross Sections



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Incident Energy (MeV)

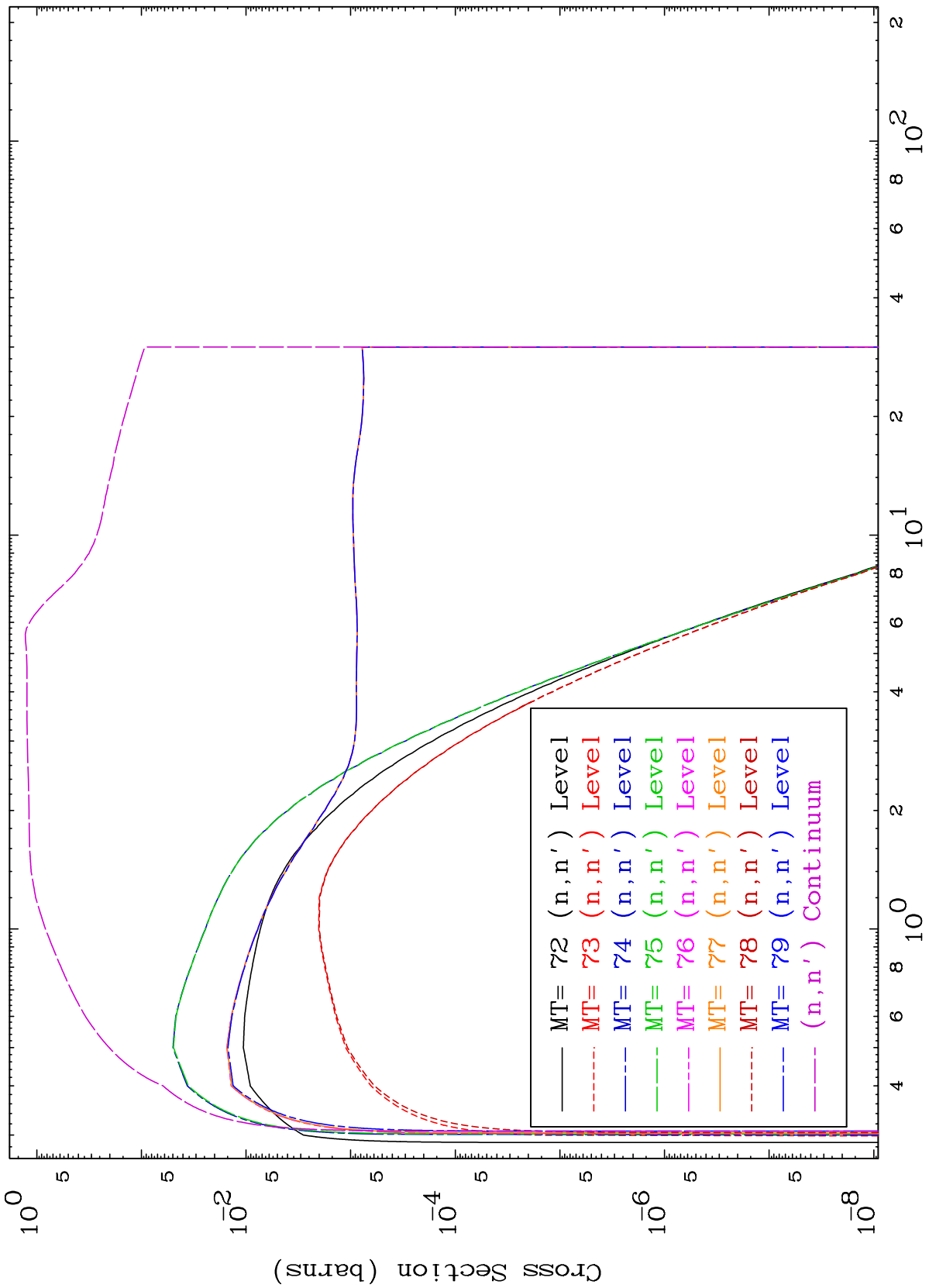
93-Np-238

MAT 9349

(n,n') Level

93-Np-238

293 Kelvin Cross Sections



10

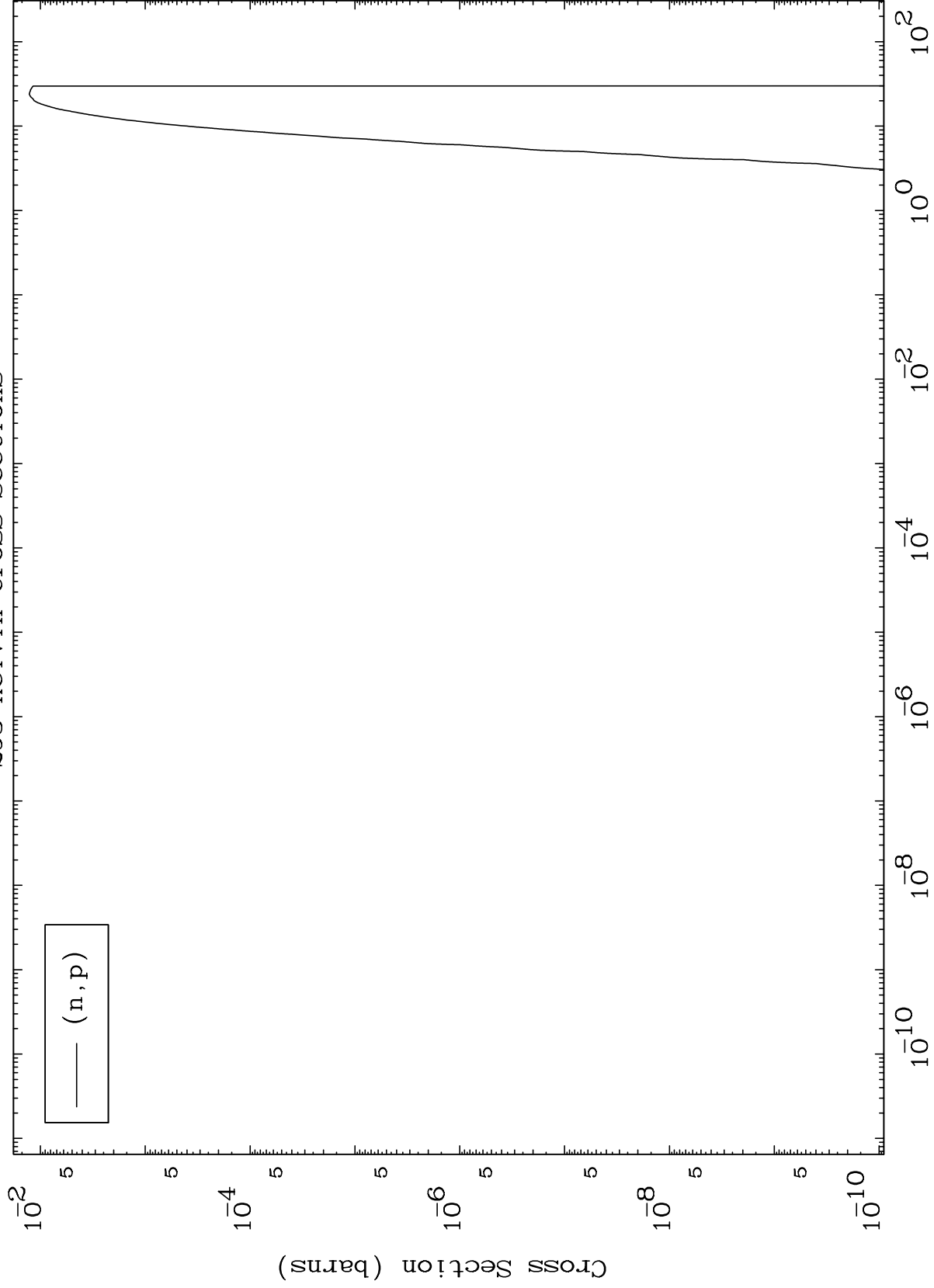
Incident Energy (MeV)

93-Np-238

MAT 9349

(n,p) Levels  
293 Kelvin Cross Sections

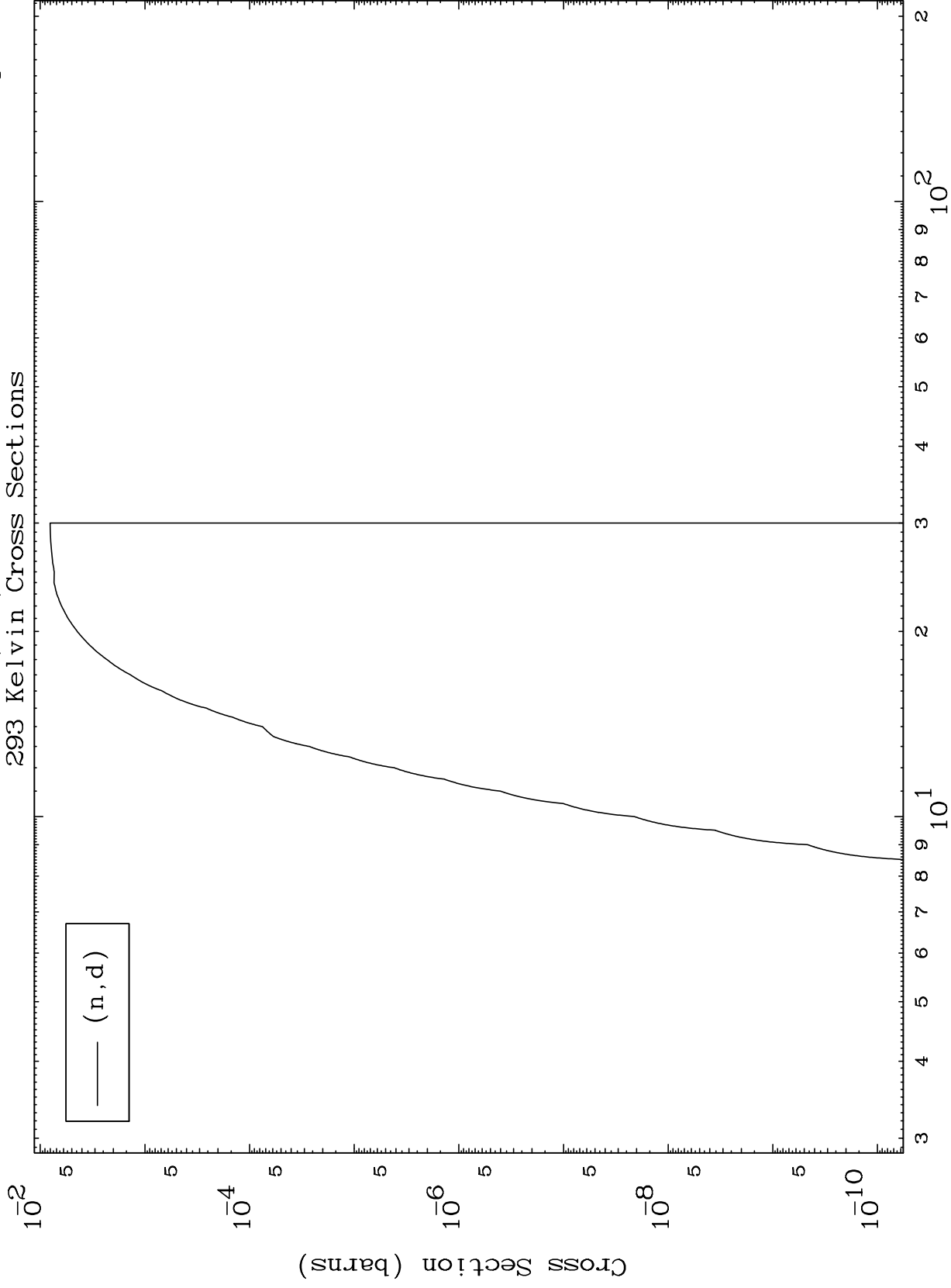
93-Np-238



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(n,d) Levels  
293 Kelvin Cross Sections

93-Np-238



12

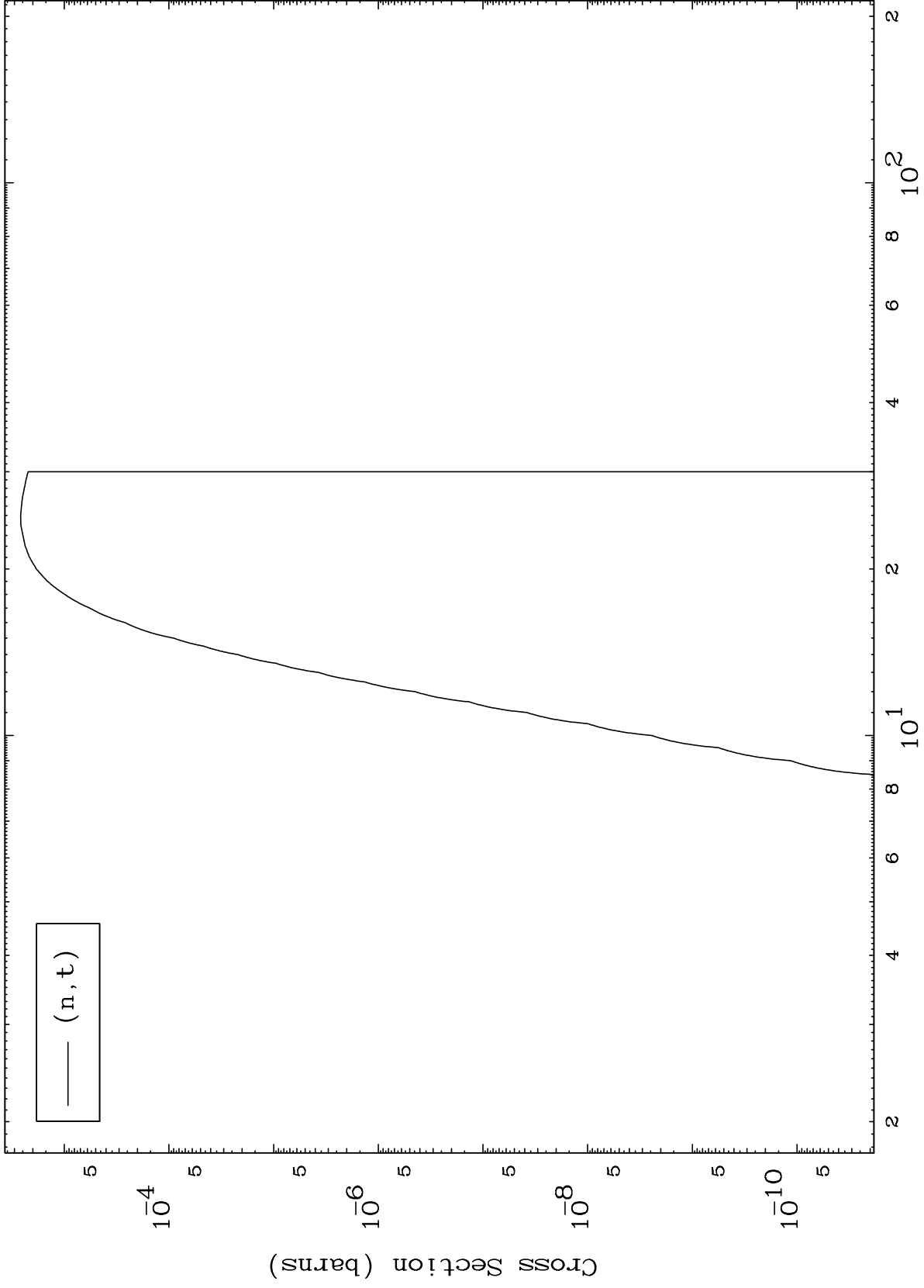
Incident Energy (MeV)

93-Np-238

MAT 9349

(n,t) Levels  
293 Kelvin Cross Sections

93-Np-238



13

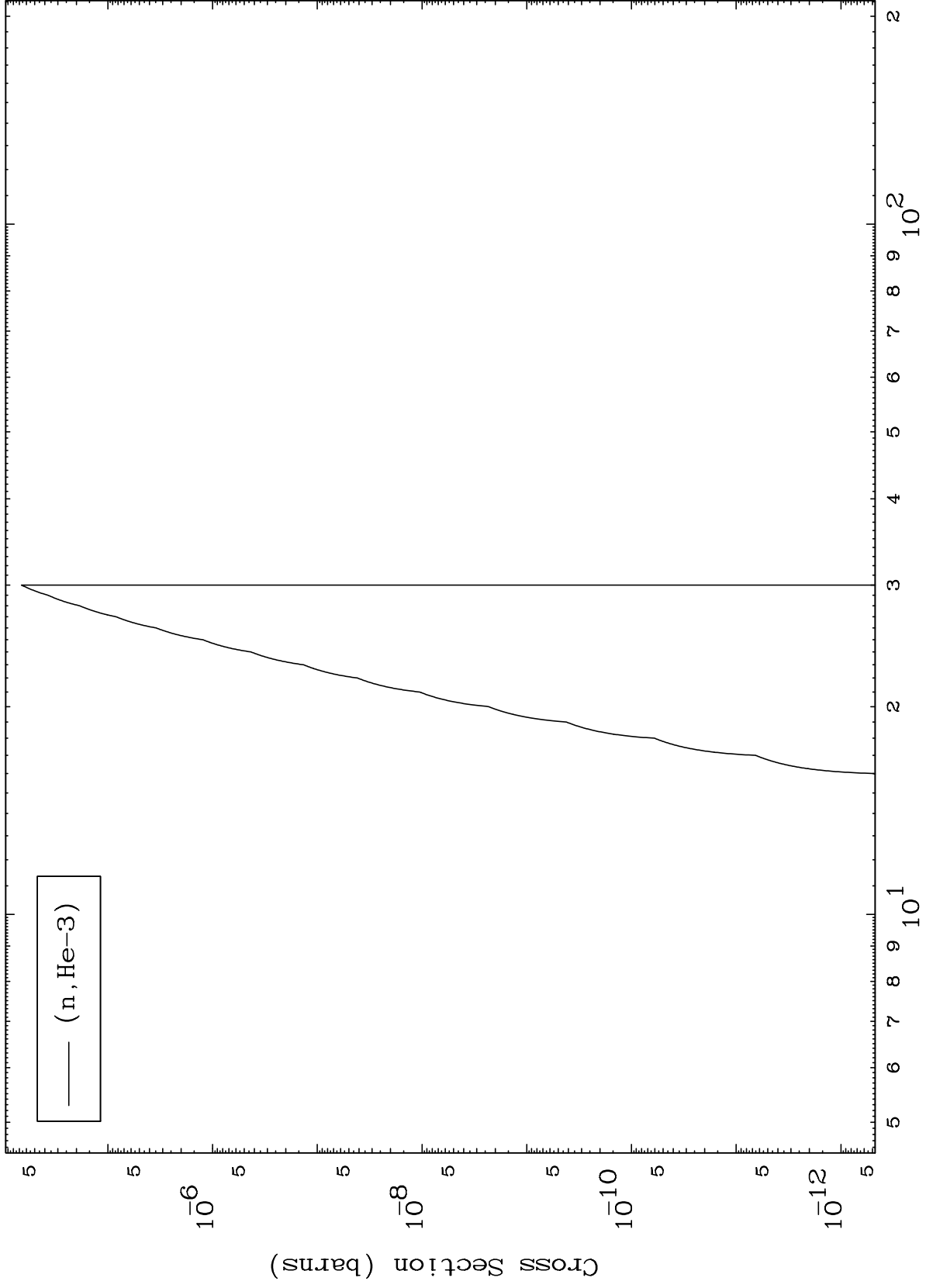
Incident Energy (MeV)

93-Np-238

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(n,He3) Levels  
293 Kelvin Cross Sections

93-Np-238



14

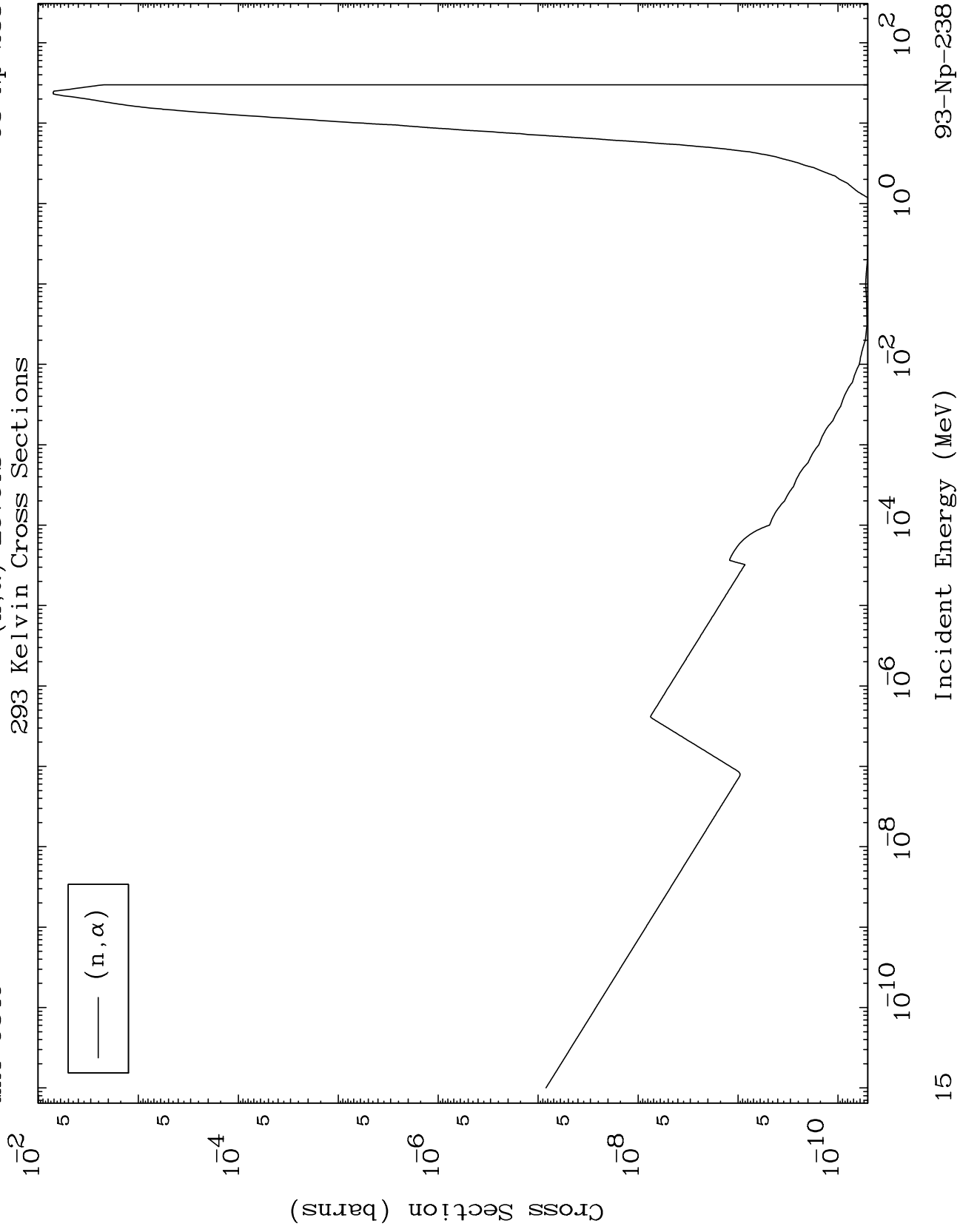
Incident Energy (MeV)

93-Np-238

MAT 9349

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

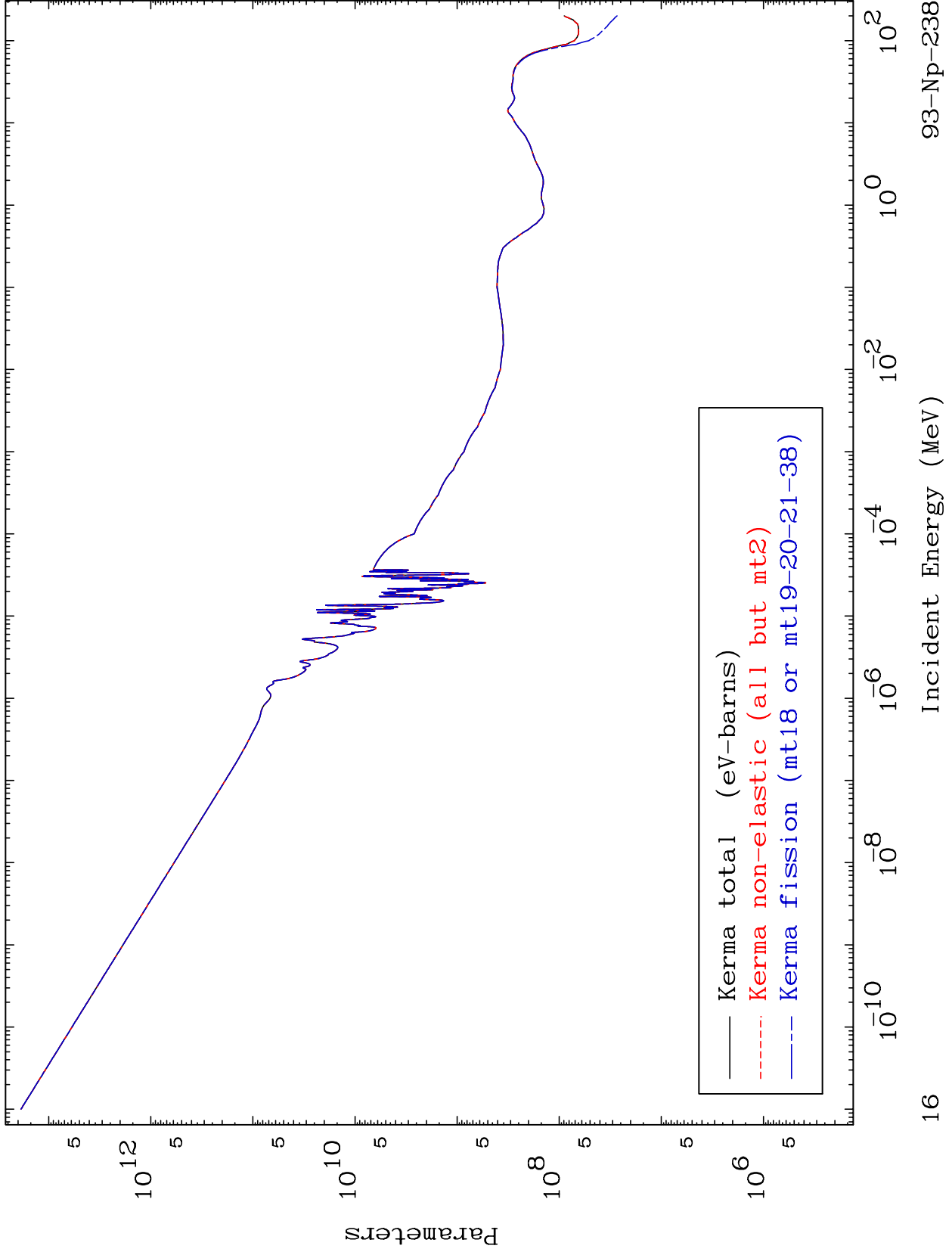
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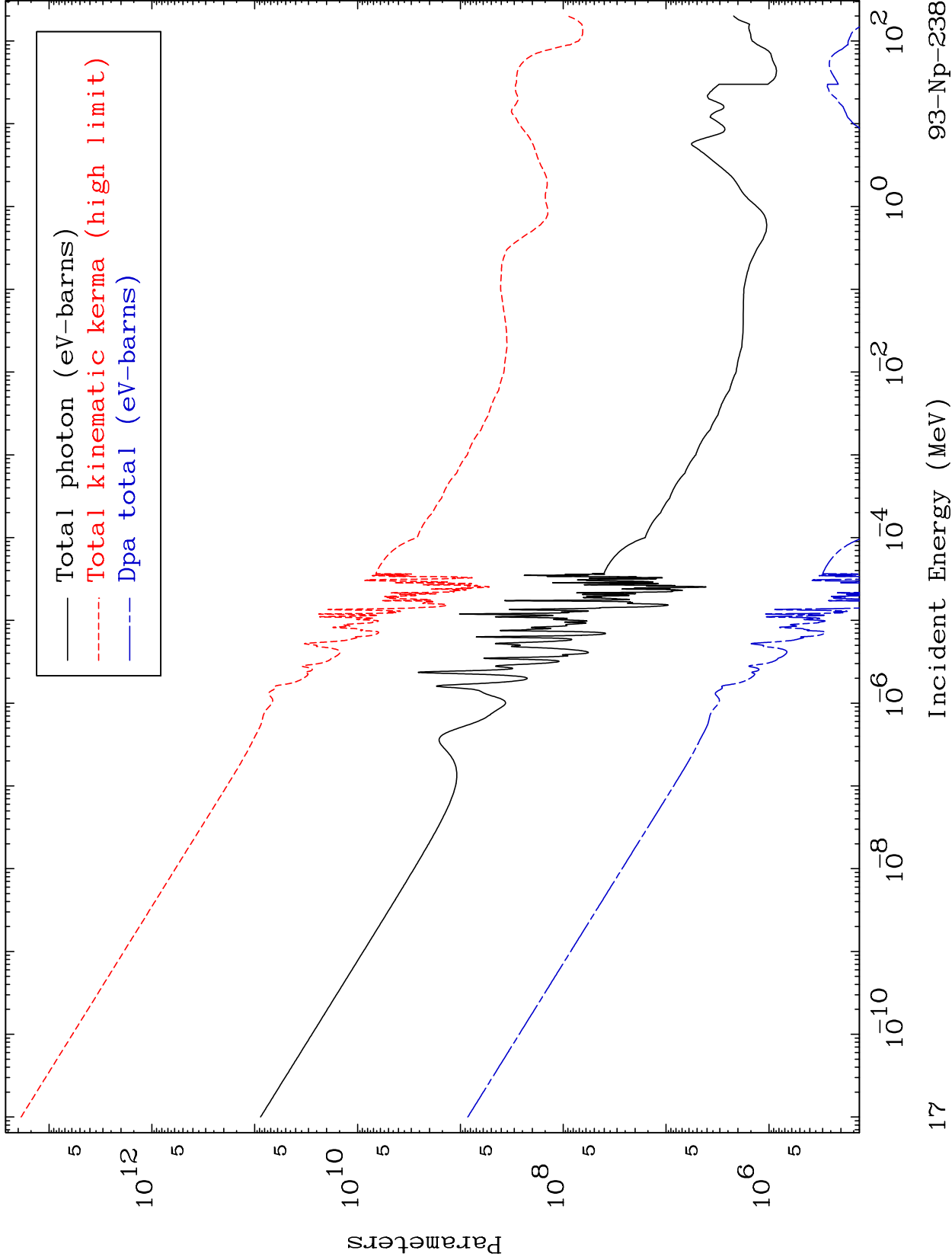


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93-Np-238



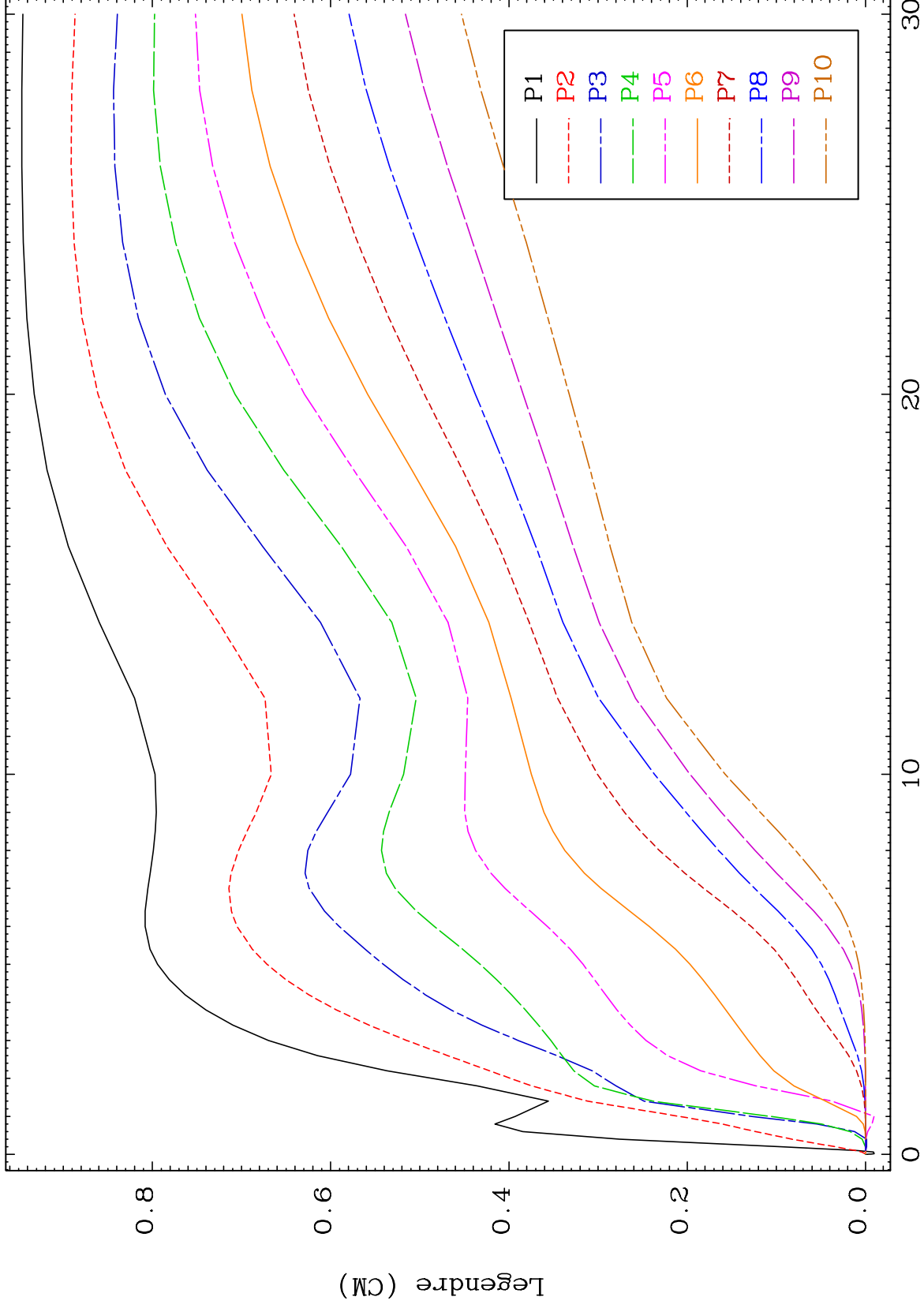




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93-Np-238

Elastic Legendre Coefficients



93-Np-238

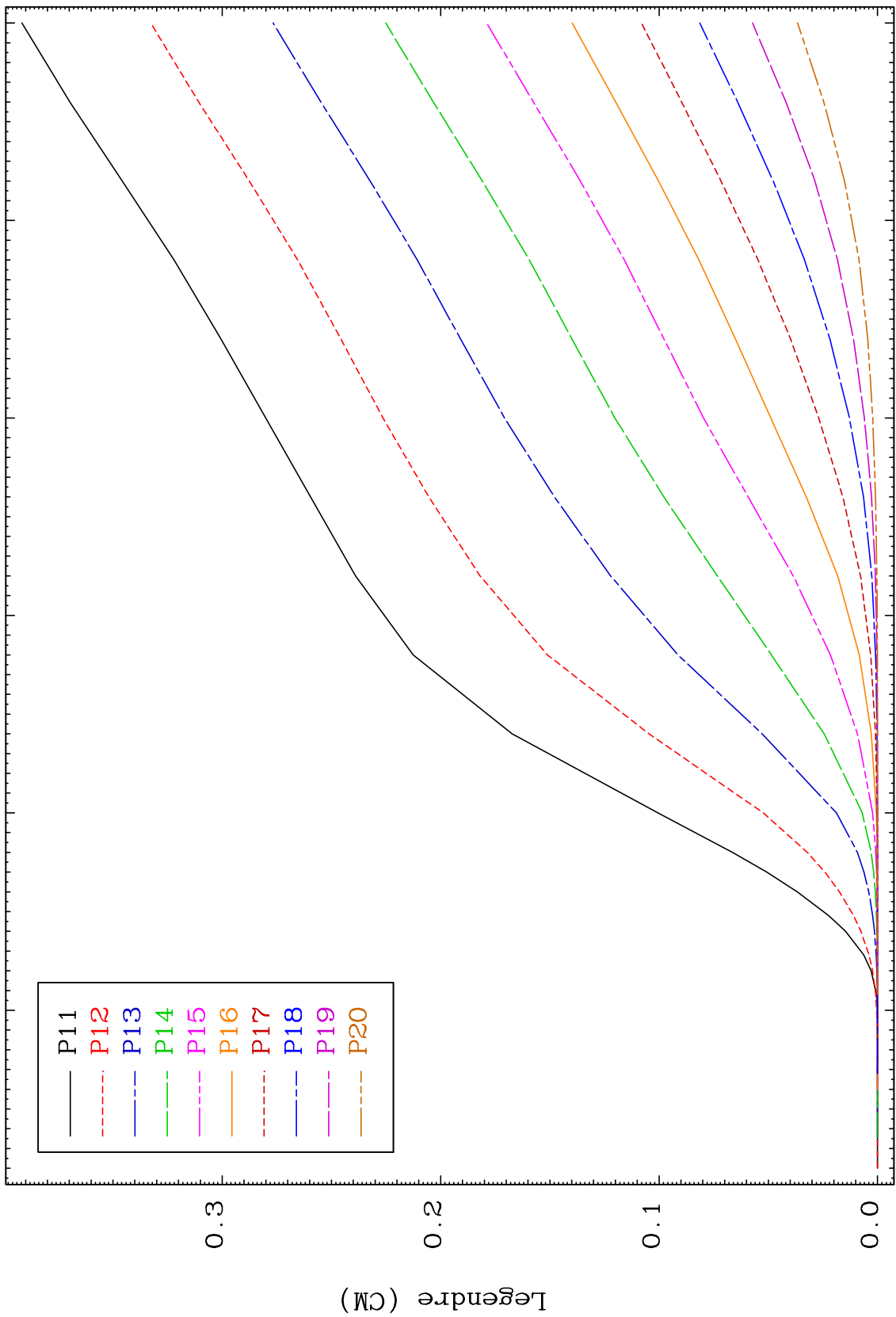
Incident Energy (MeV)

18

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Elastic Legendre Coefficients

<sup>93</sup>Np-238



19

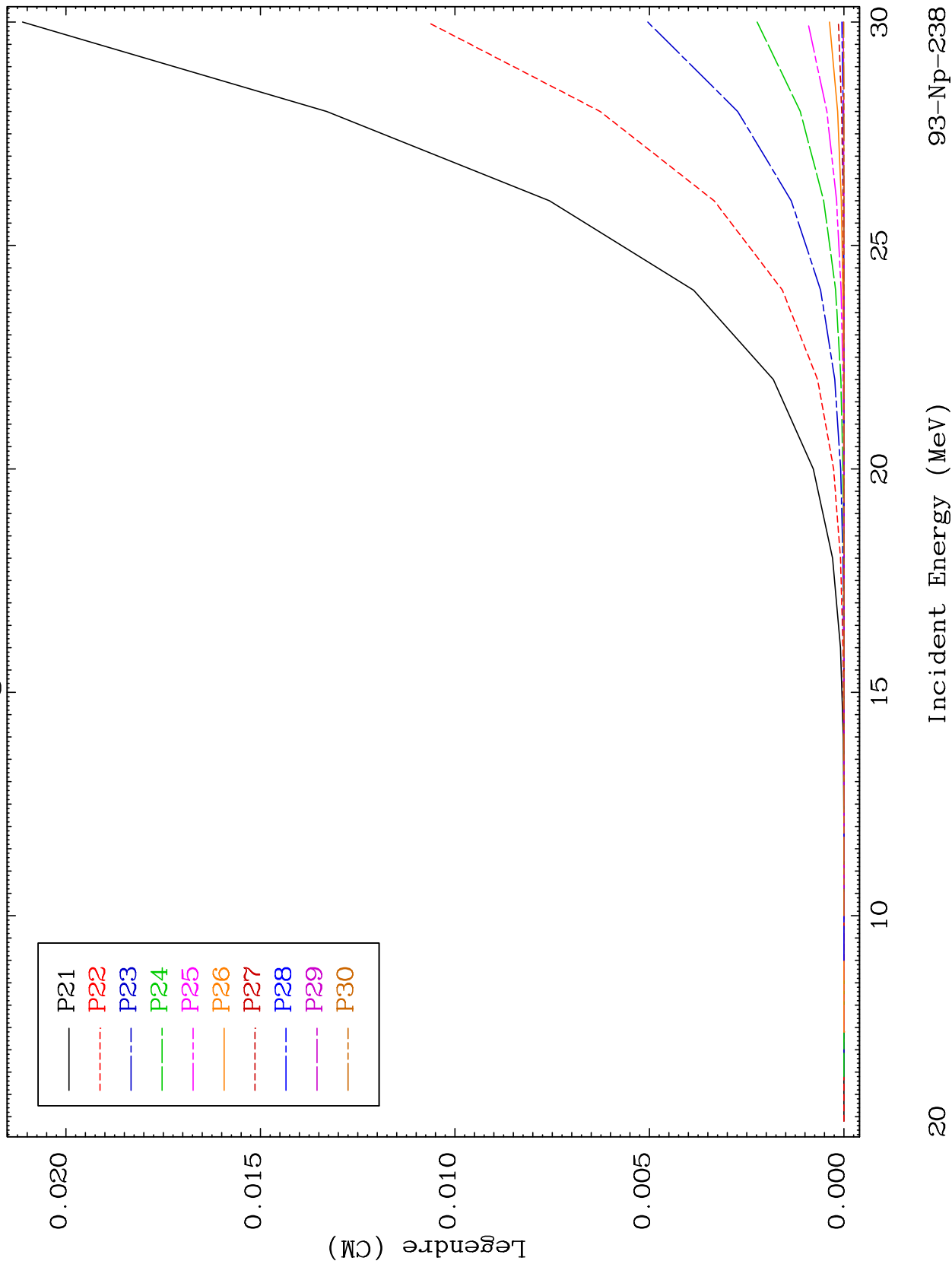
Incident Energy (MeV)

<sup>93</sup>Np-238

MAT 9349

Elastic Legendre Coefficients

93-Np-238



93-Np-238

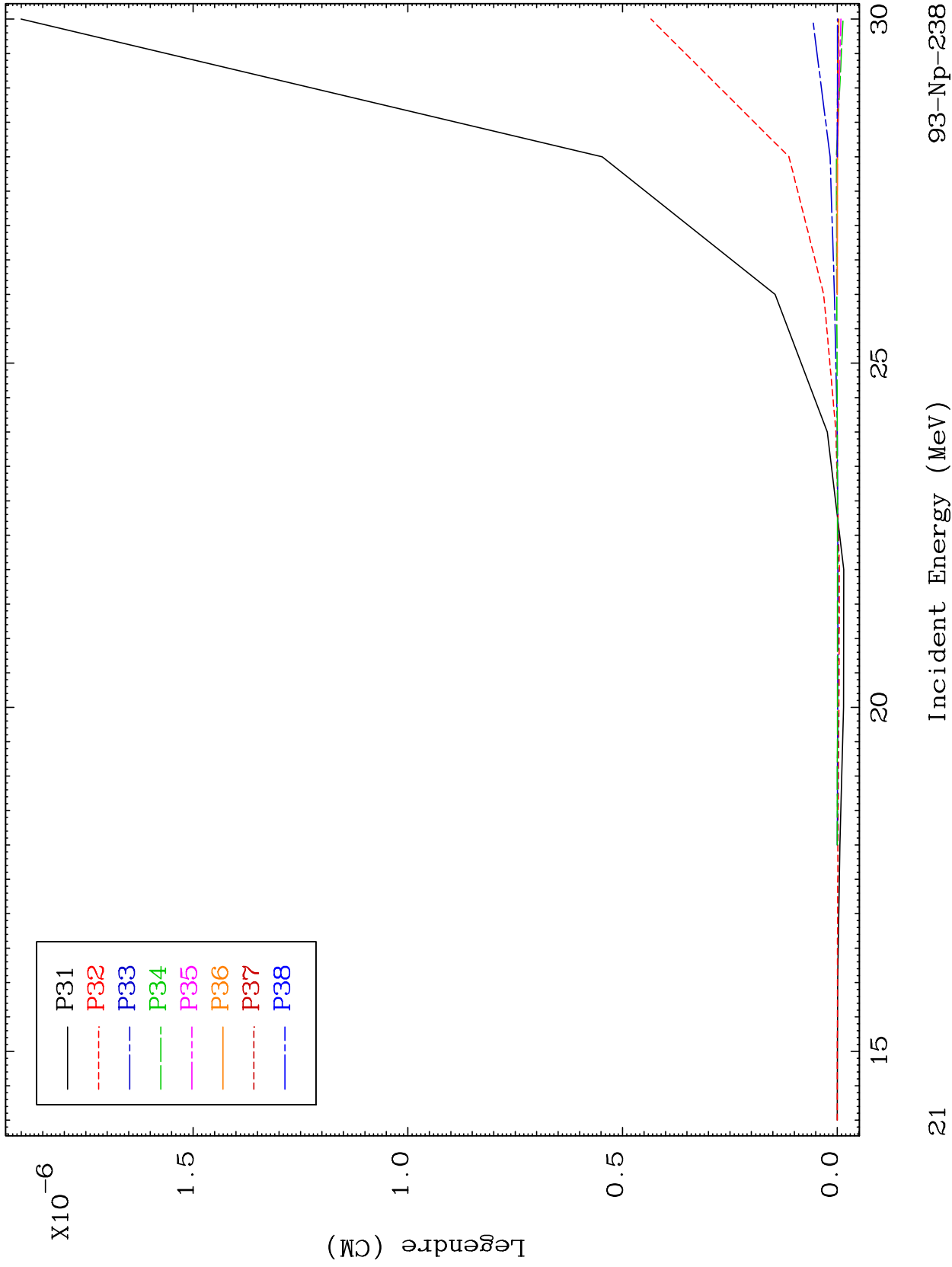
Incident Energy (MeV)

20

MAT 9349

Elastic Legendre Coefficients

93-Np-238



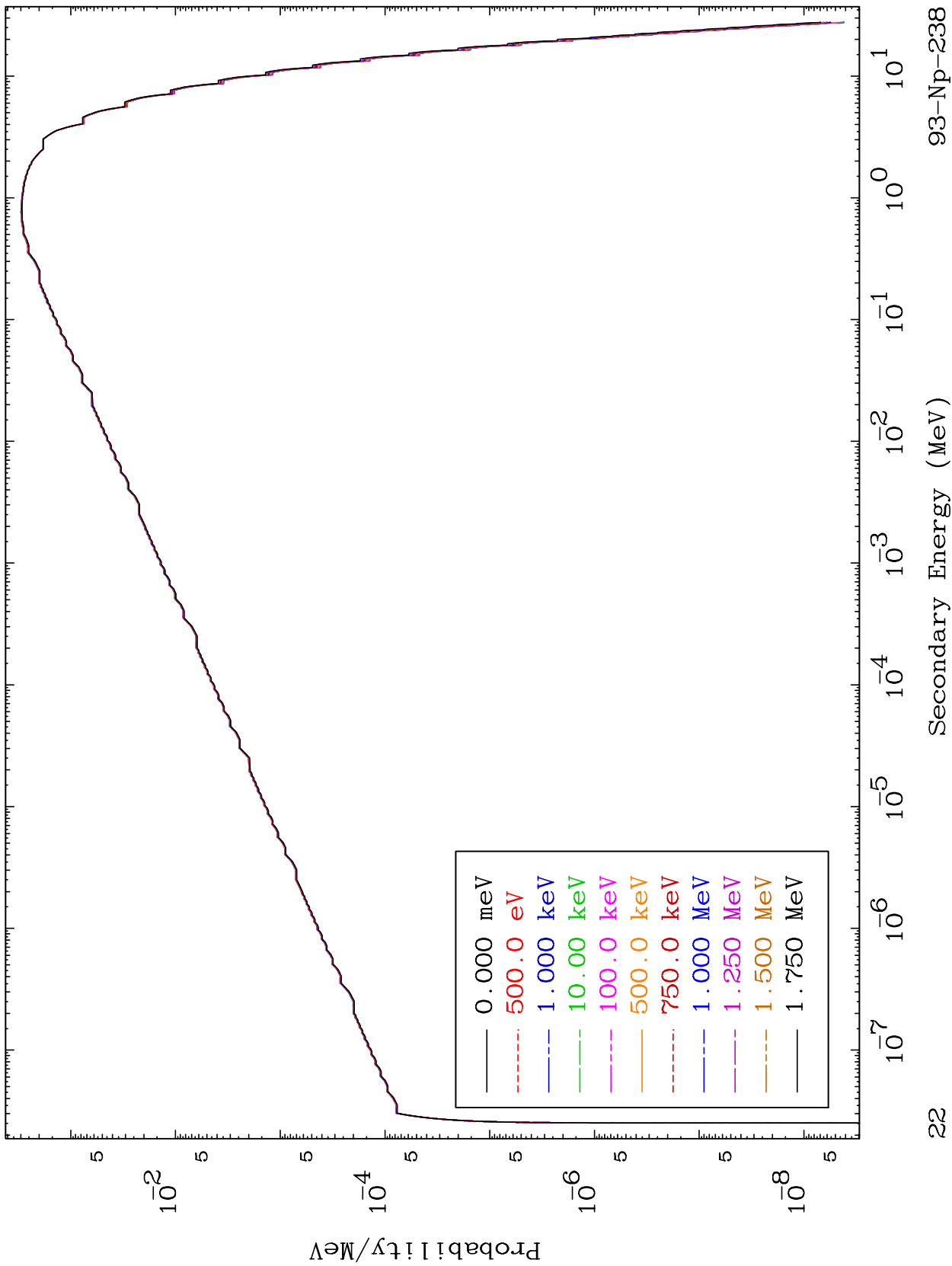
21

93-Np-238

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### Fission Energy Distribution

93-Np-238



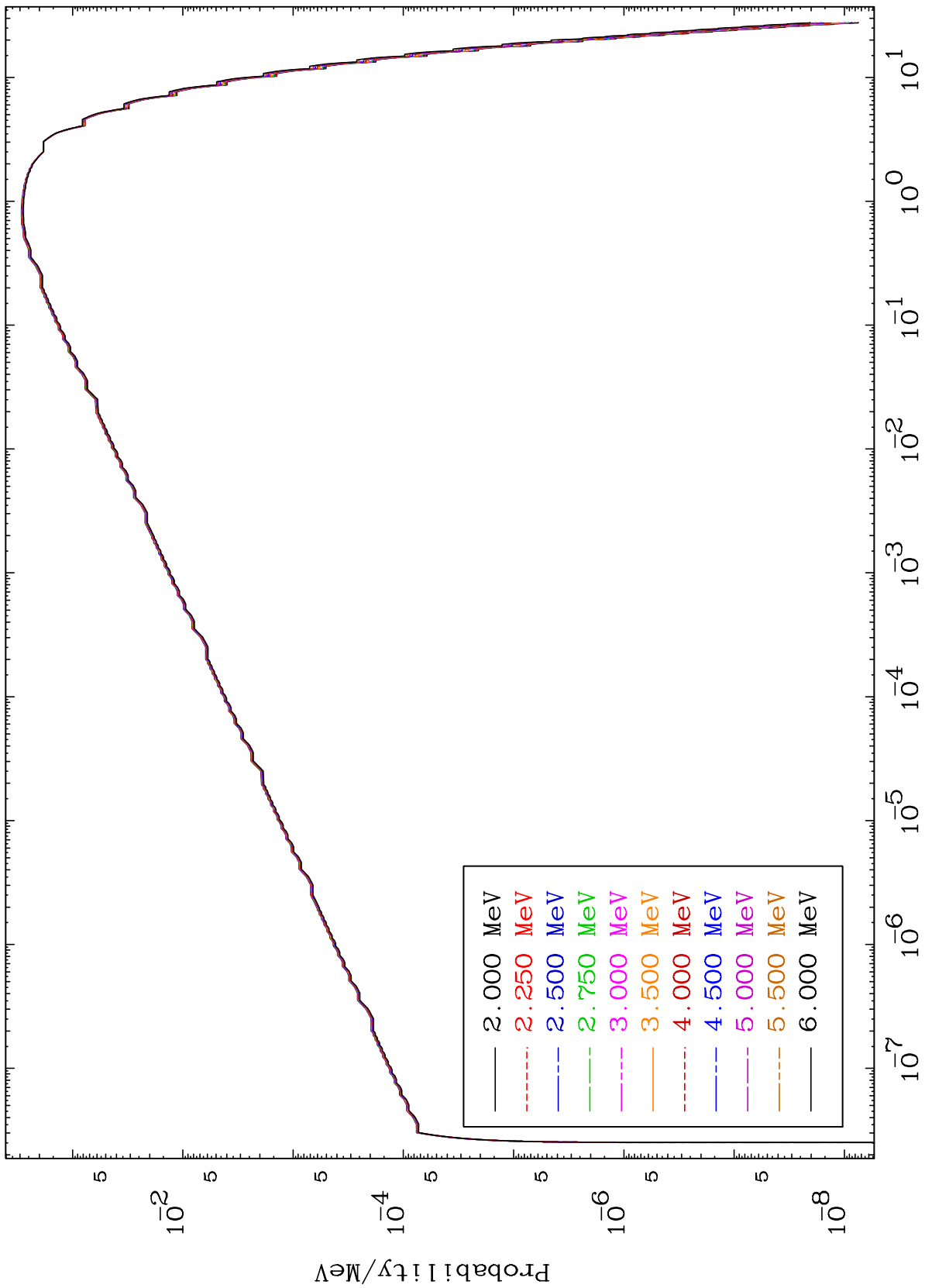
93-Np-238

Secondary Energy (MeV)

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### Fission Energy Distribution

93-Np-238

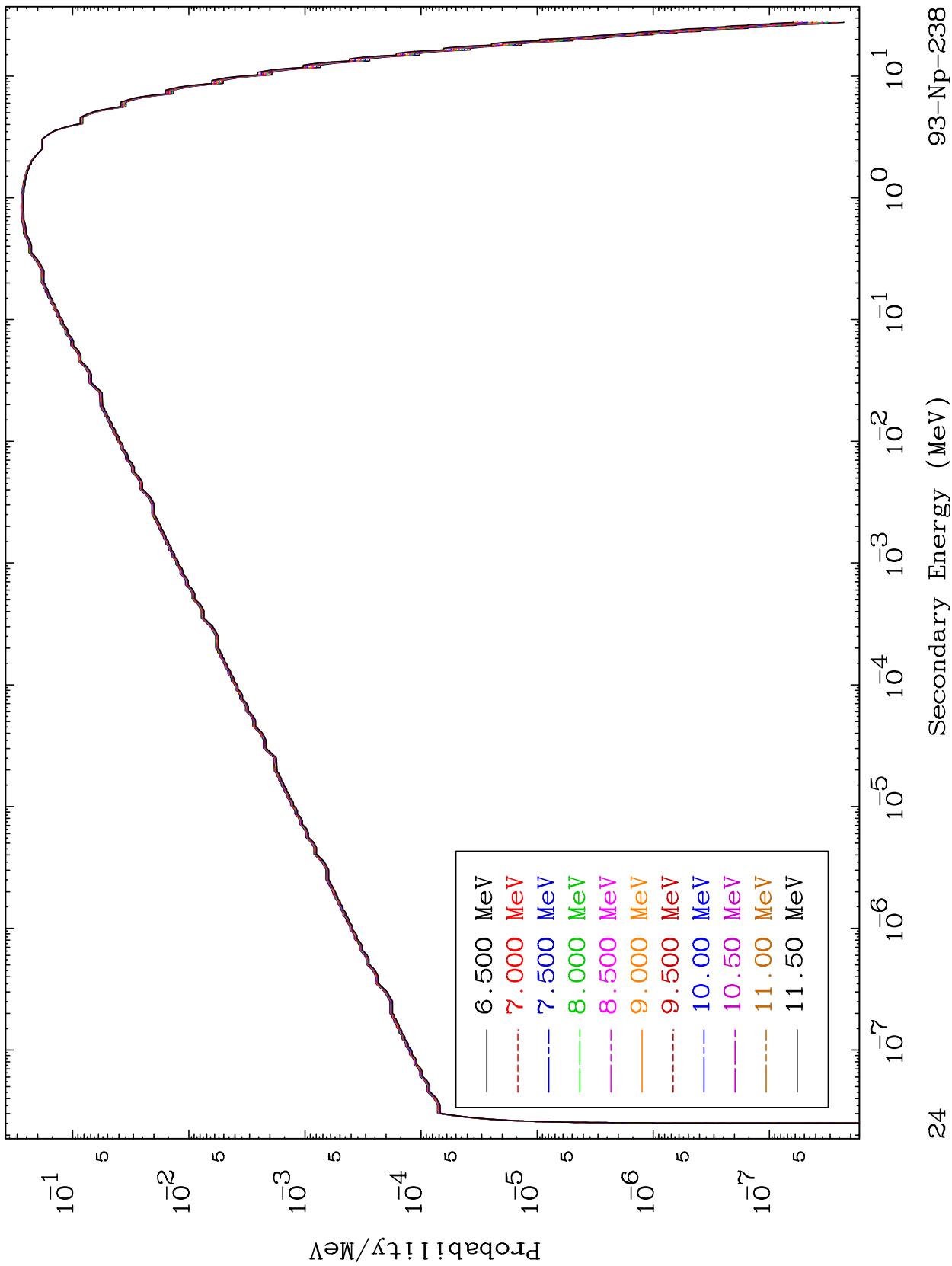




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### Fission Energy Distribution

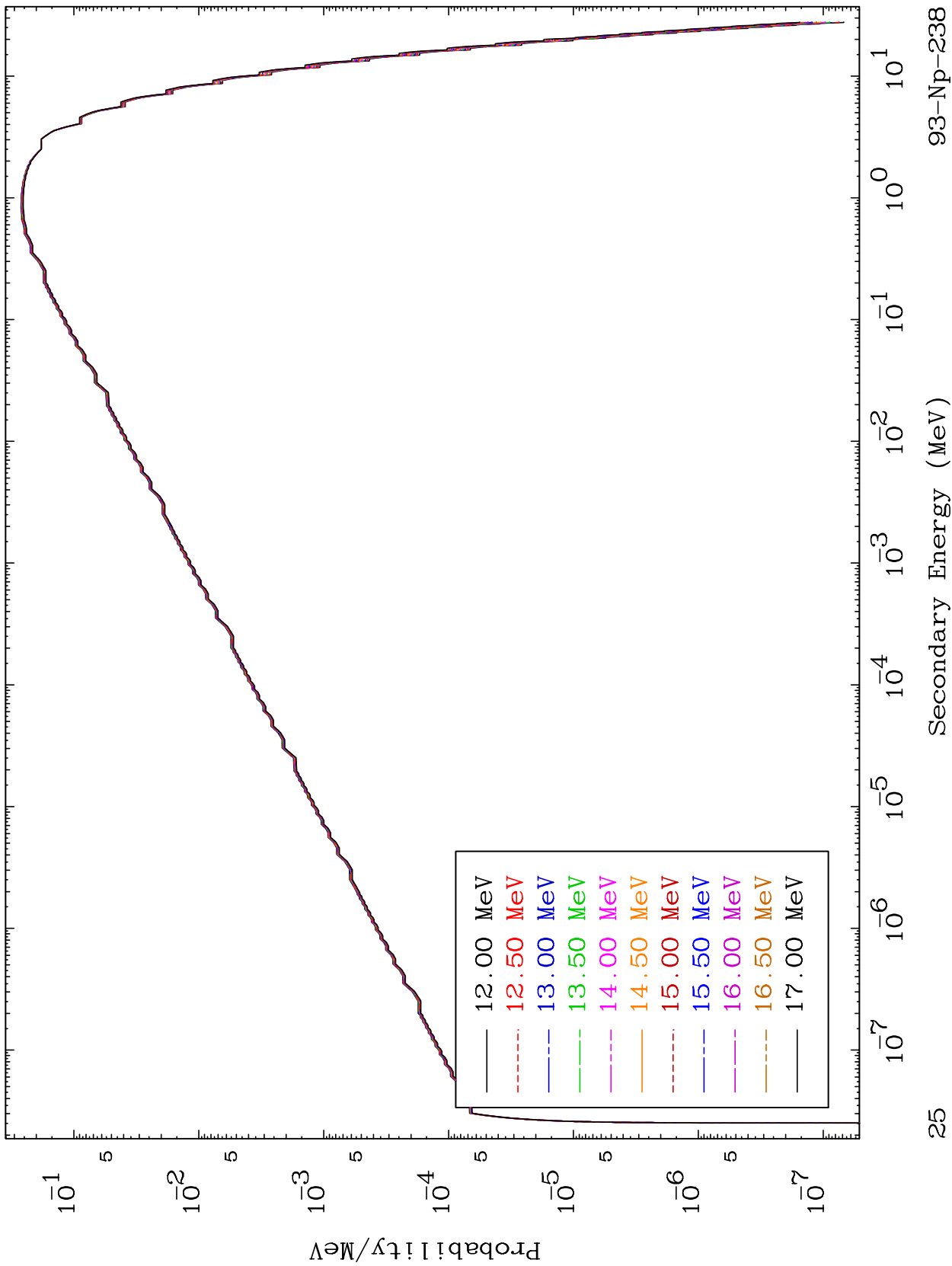
93-Np-238



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### Fission Energy Distribution

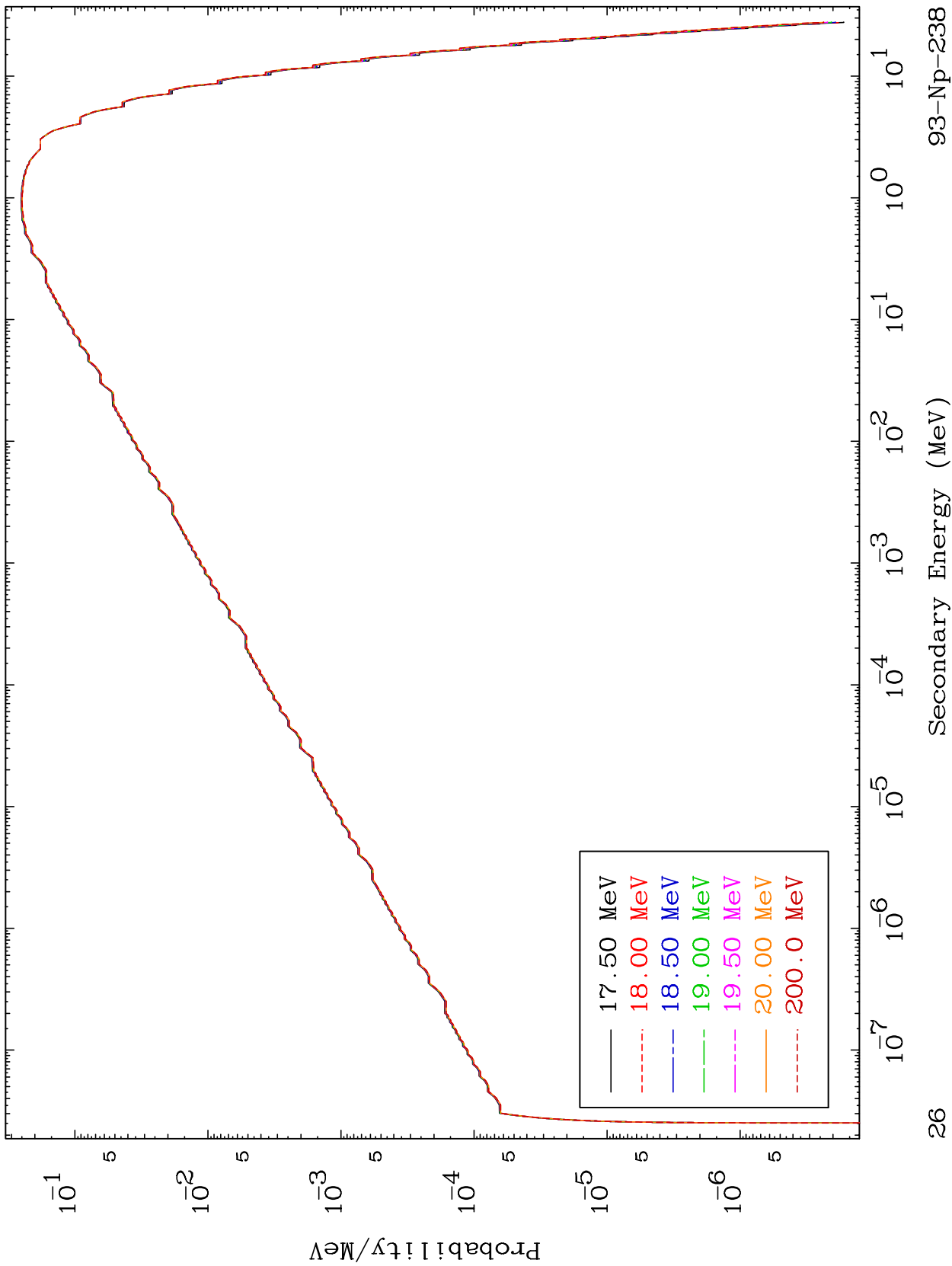
93-Np-238



93-Np-238

Secondary Energy (MeV)

Fission  
Energy Distribution

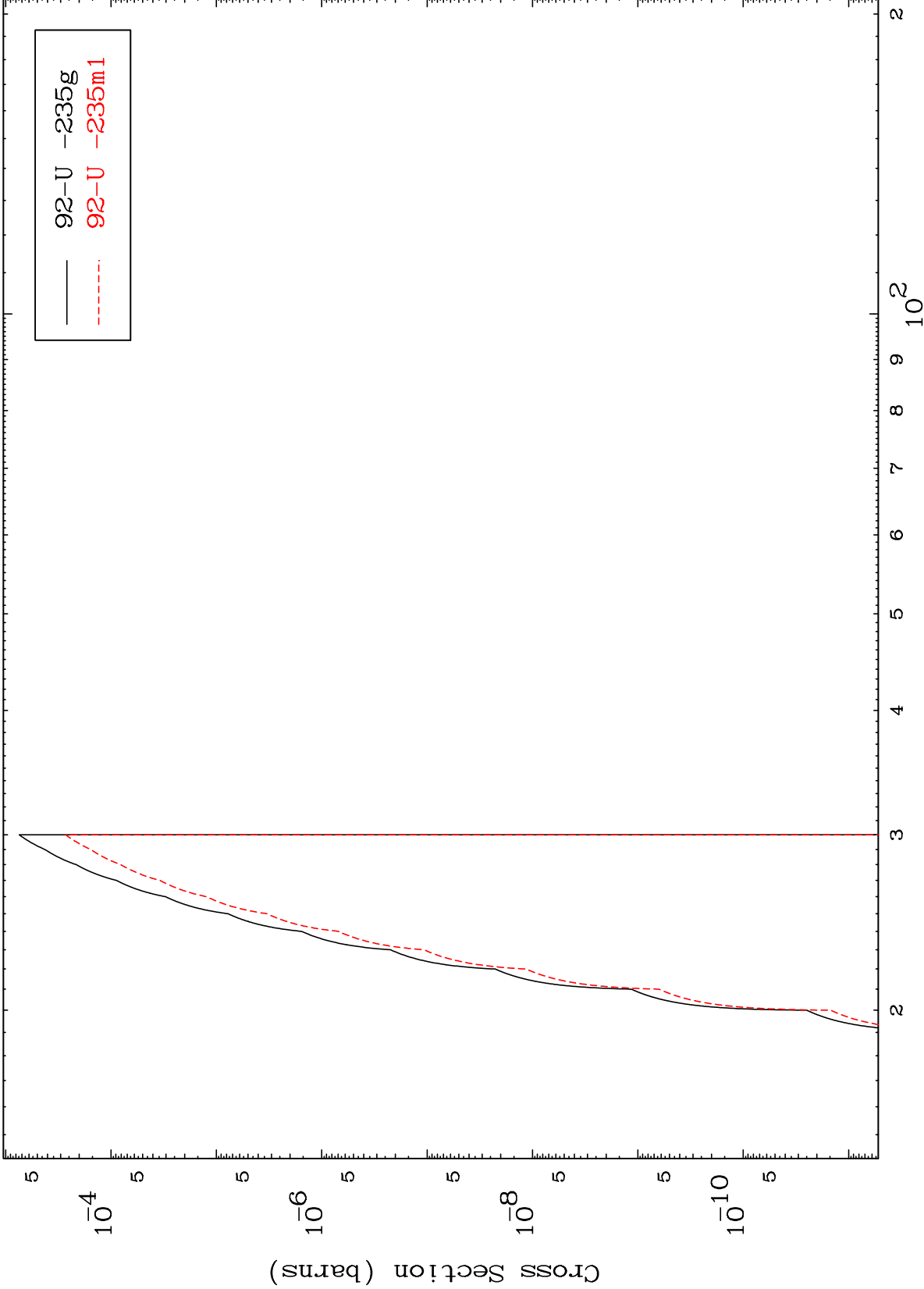


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(n,2n) d

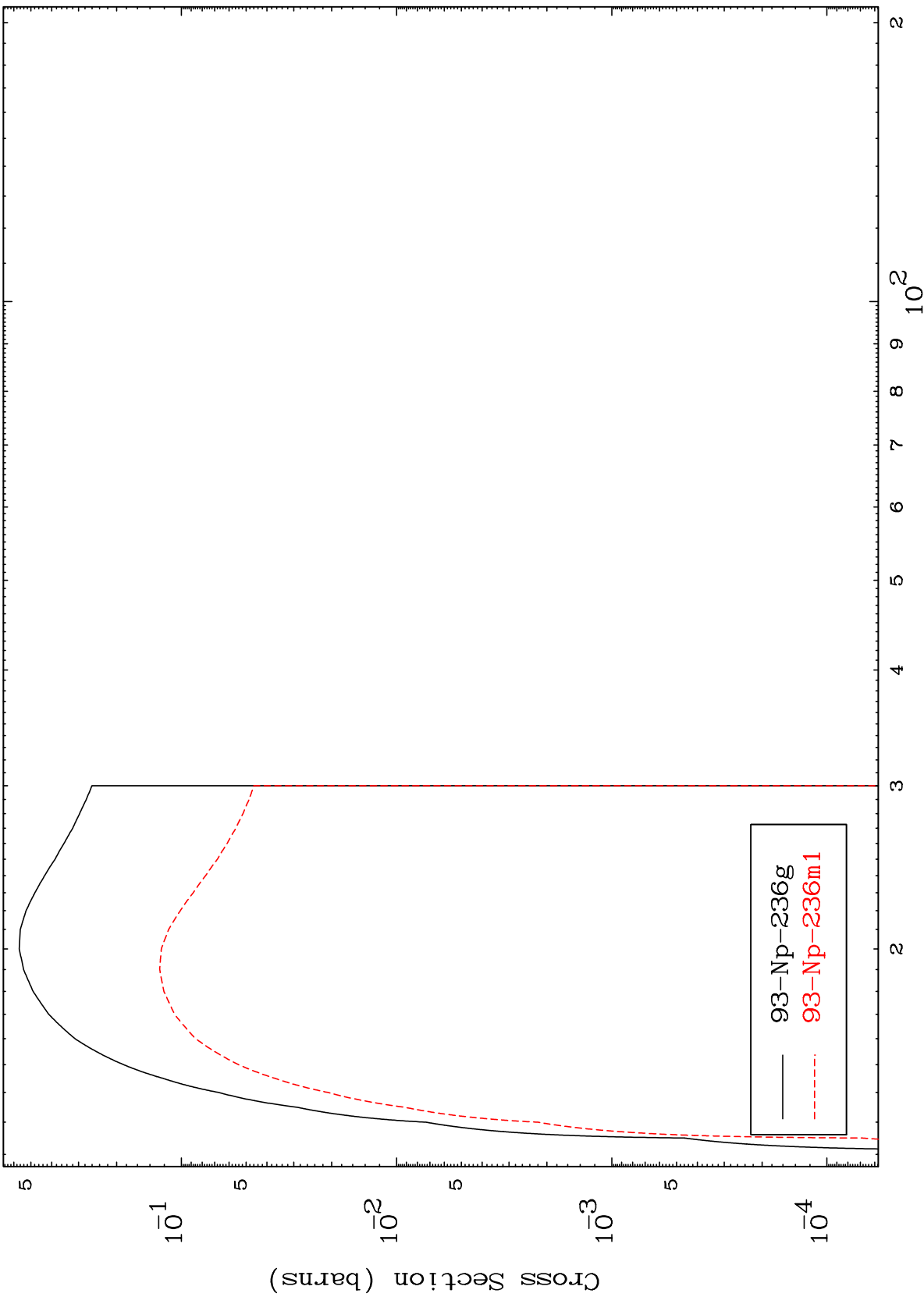
93-Np-238

Radionuclide Production Cross Section



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

(n,3n)  
Radionuclide Production Cross Section

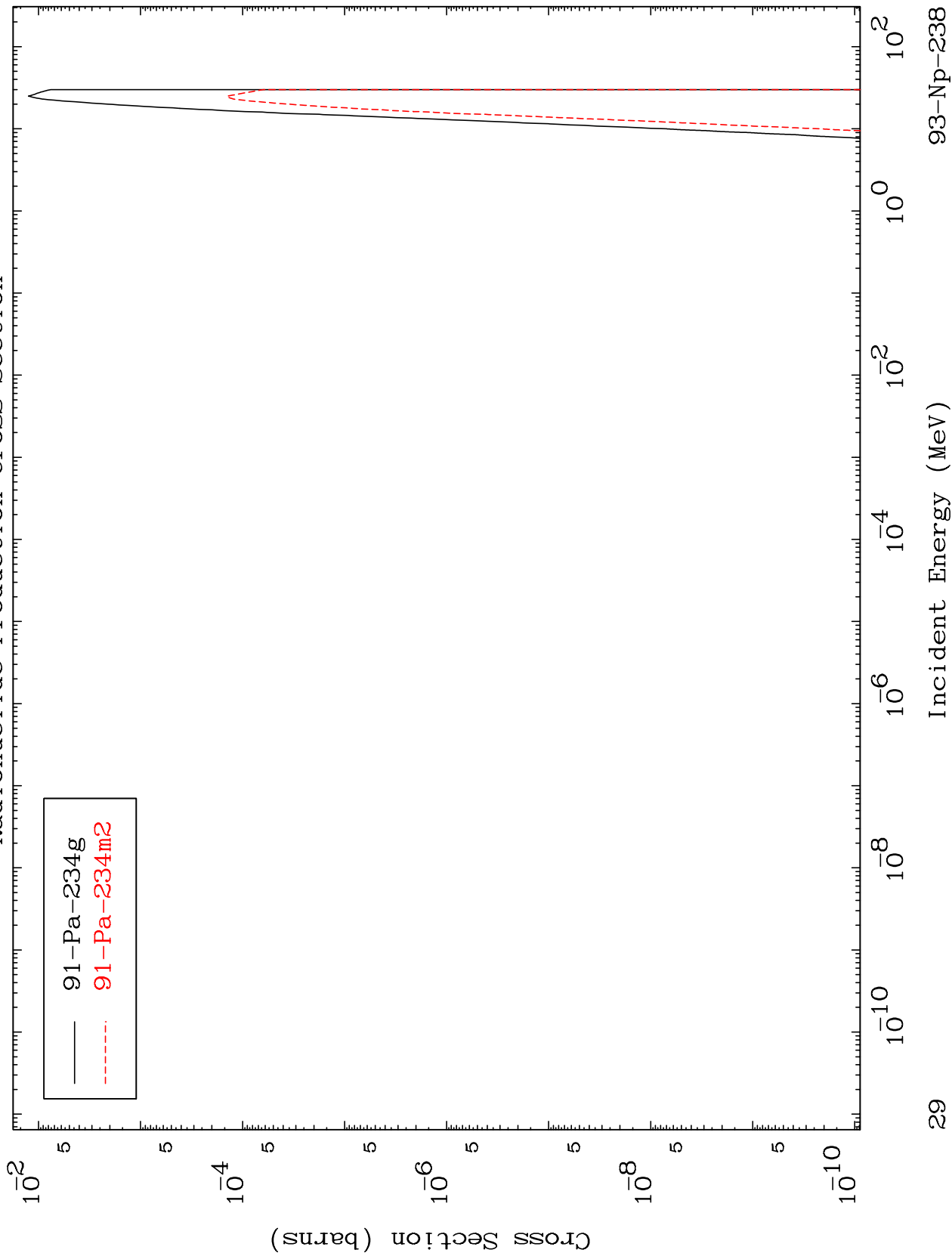


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$(n, n') \alpha$

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

Radionuclide Production Cross Section

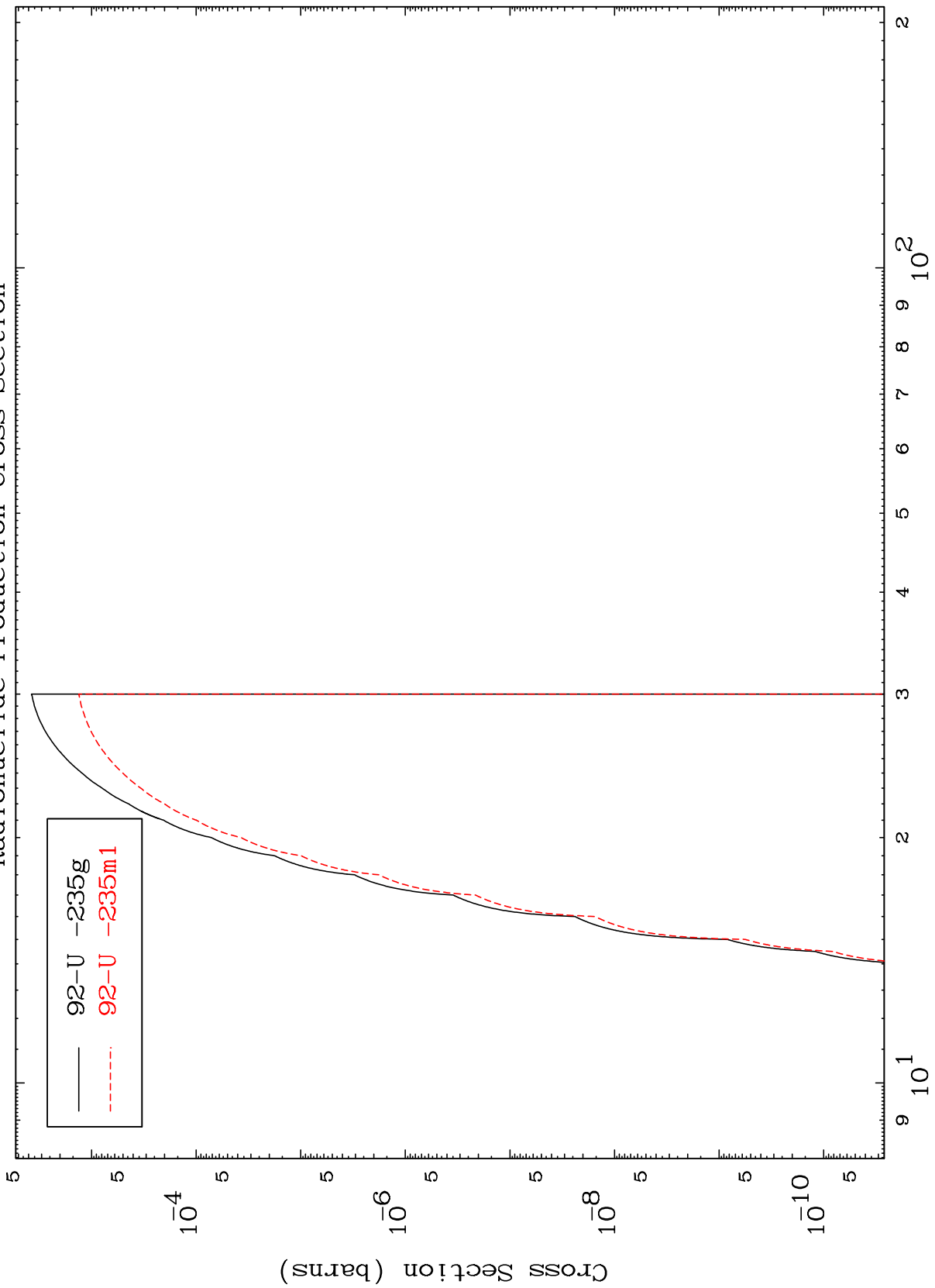


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(n,n') t

93-Np-238

Radionuclide Production Cross Section



30

Incident Energy (MeV)

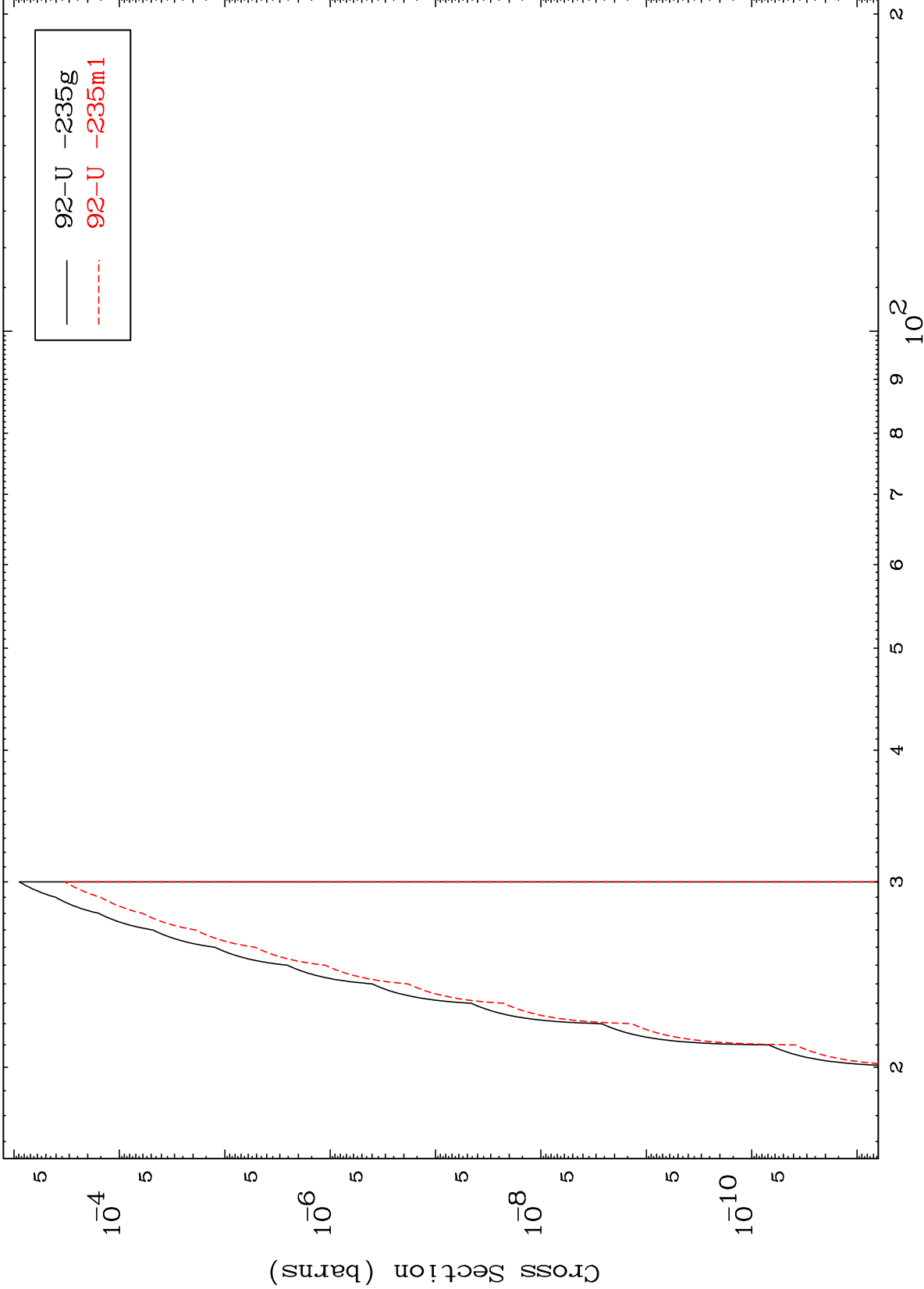
93-Np-238

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(n,3n) p

93-Np-238

Radionuclide Production Cross Section



31

Incident Energy (MeV)

93-Np-238