

Program EVALPLOT  
(Version 2015-2)

by

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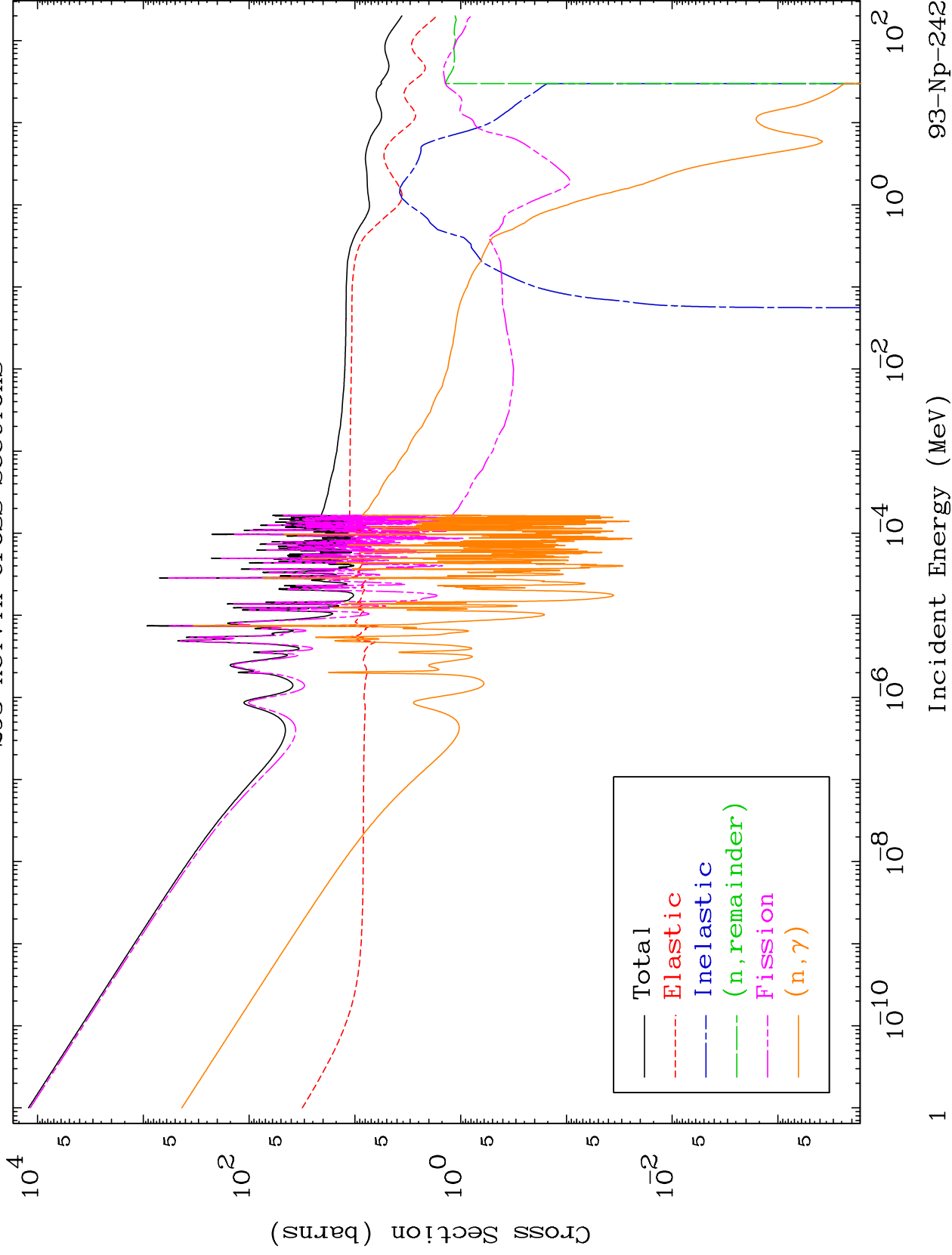
Press Mouse Button to Start

MAT 9361

Major

293 Kelvin Cross Sections

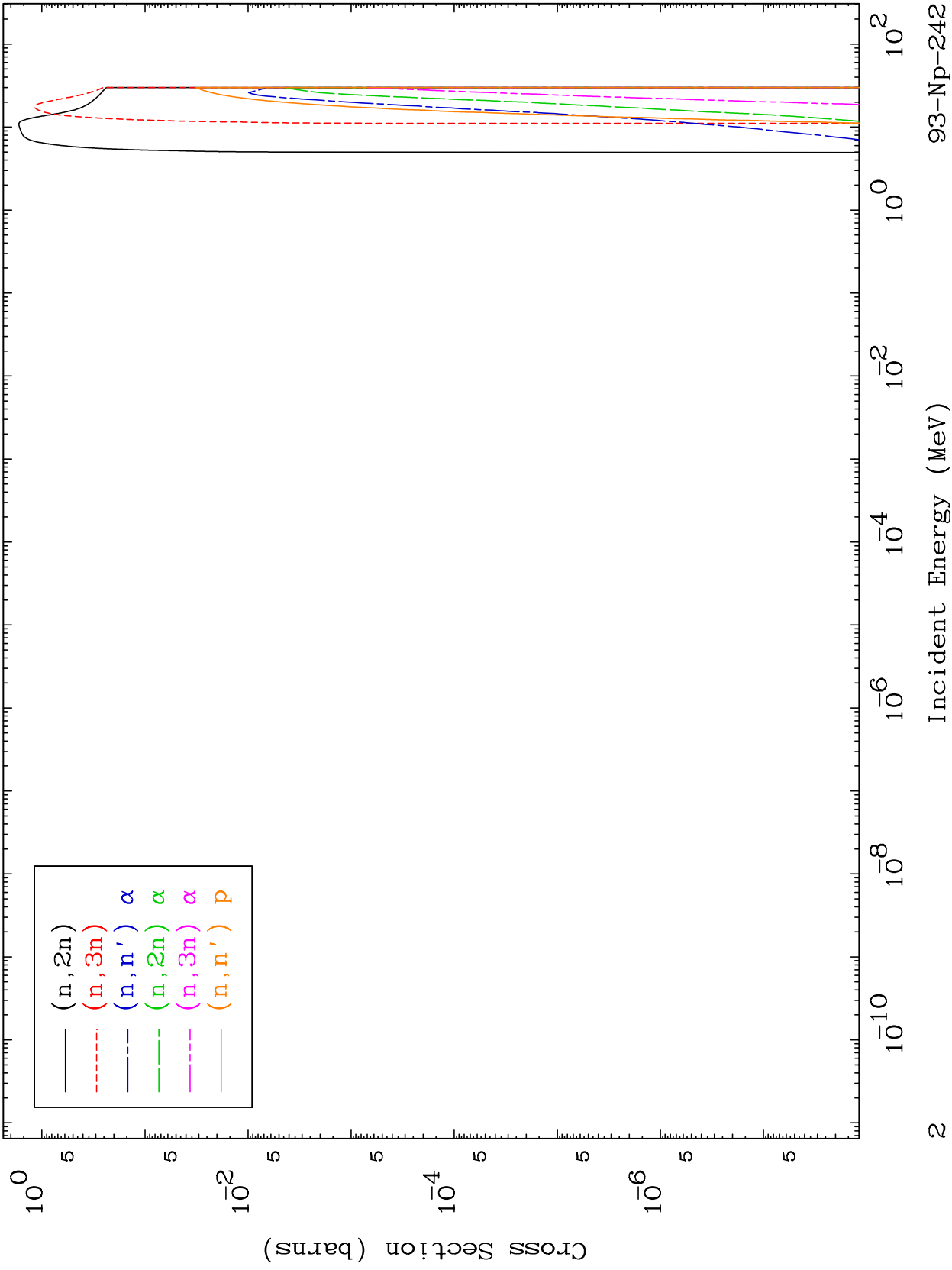
93-Np-242



MAT 9361

Neutron Production  
293 Kelvin Cross Sections

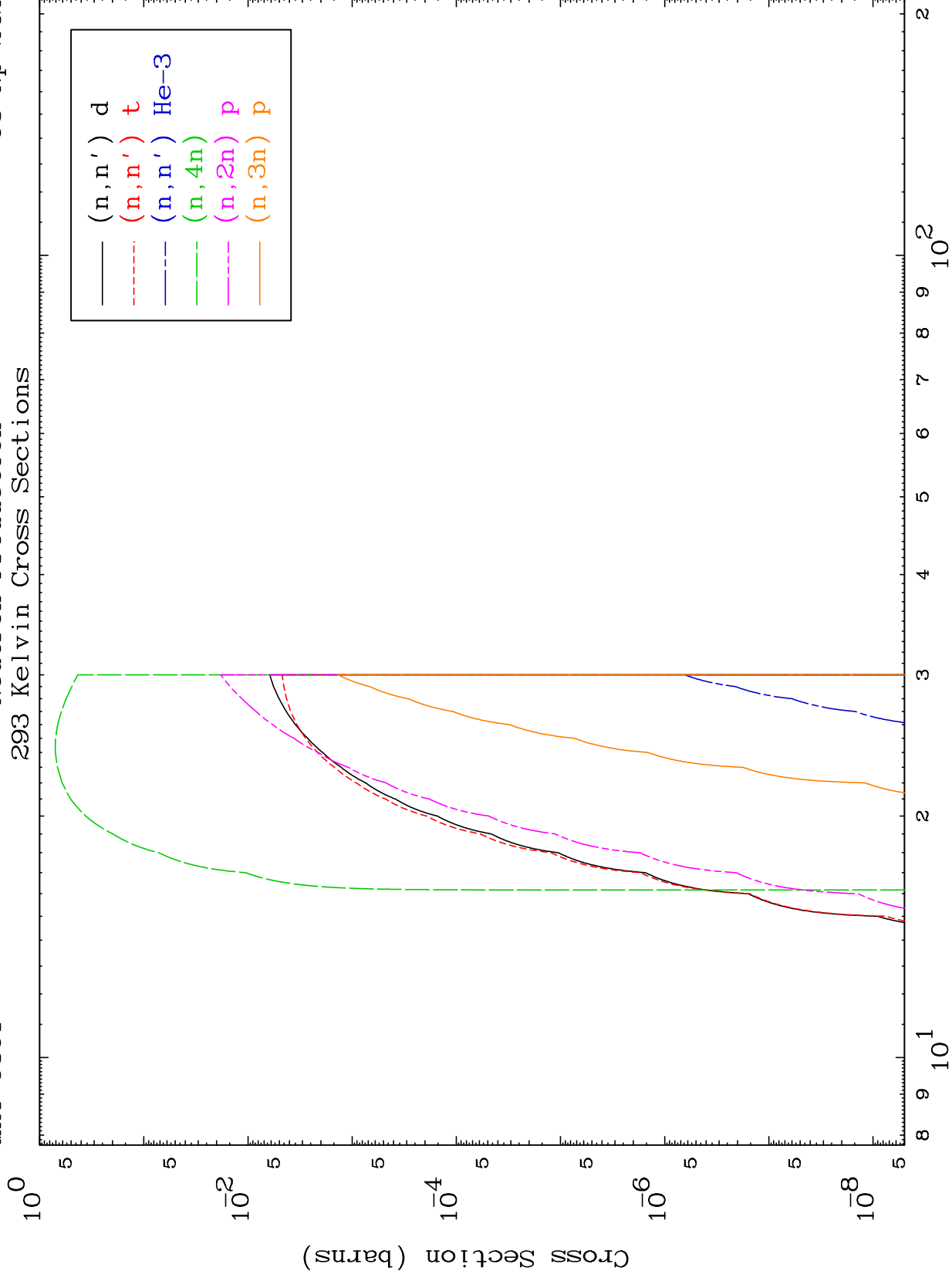
93-Np-242



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Neutron Production  
293 Kelvin Cross Sections

93-Np-242



Incident Energy (MeV)

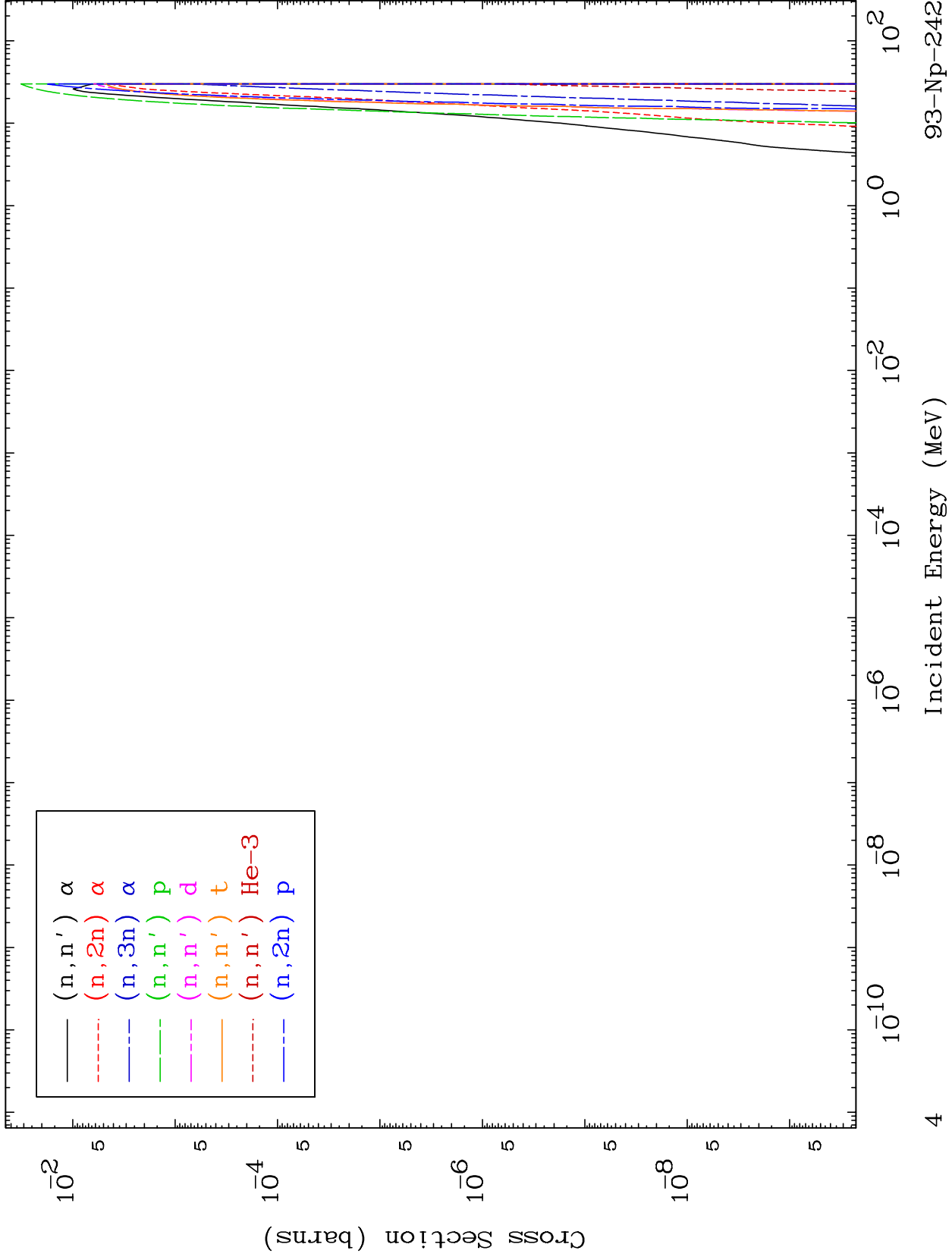
93-Np-242

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Charged Particle  
293 Kelvin Cross Sections

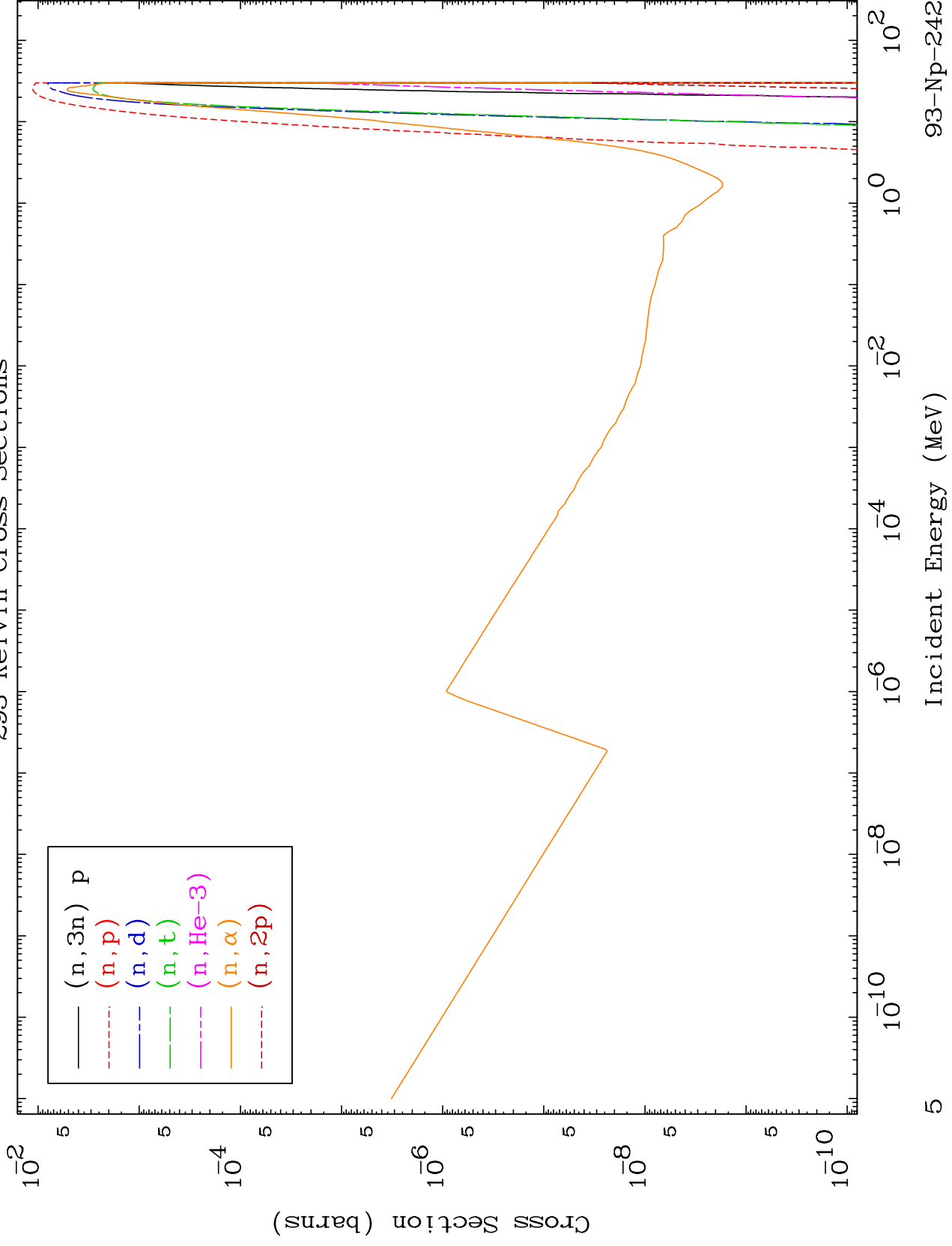
93-Np-242



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Charged Particle  
293 Kelvin Cross Sections

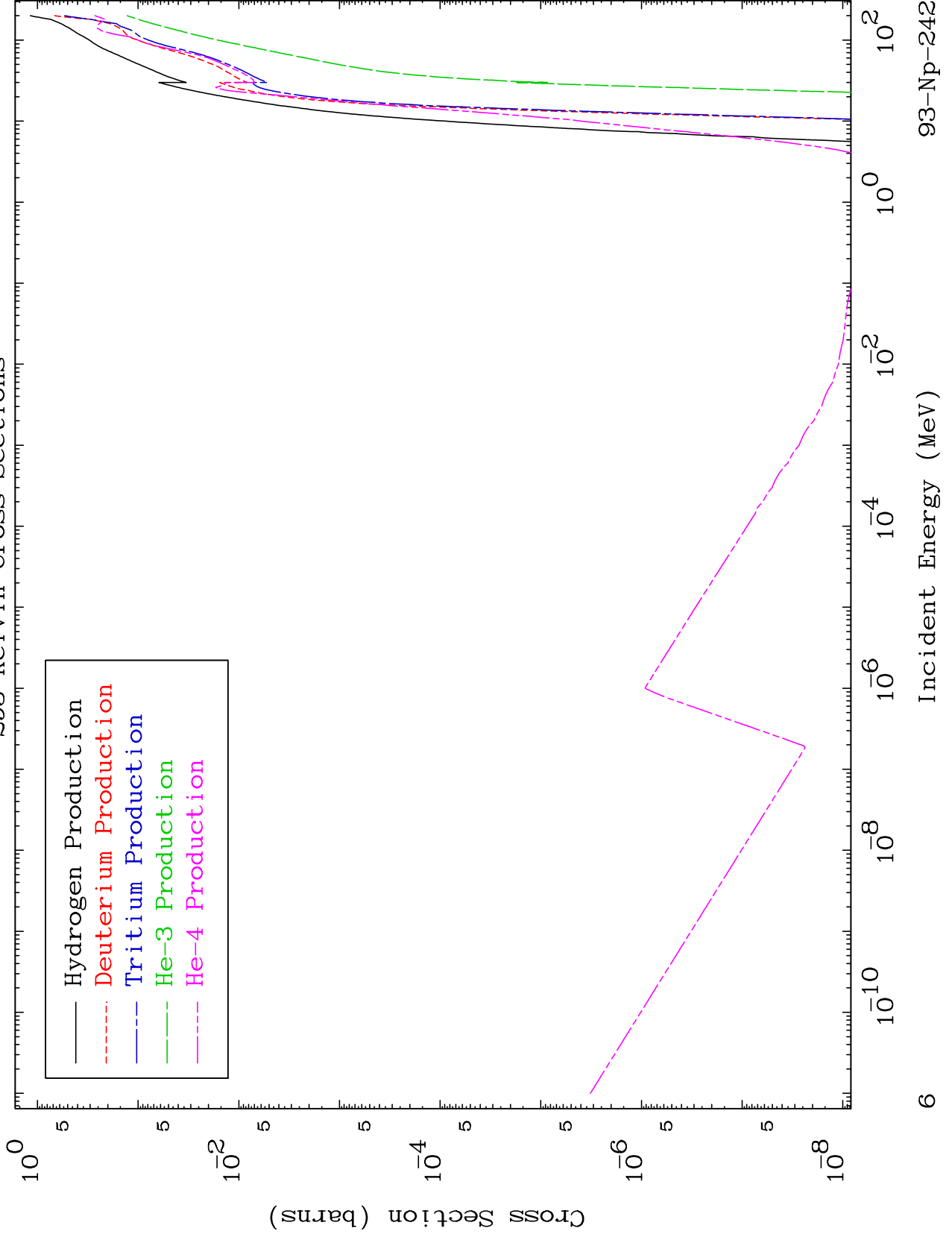
93-Np-242



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Particle Production  
293 Kelvin Cross Sections

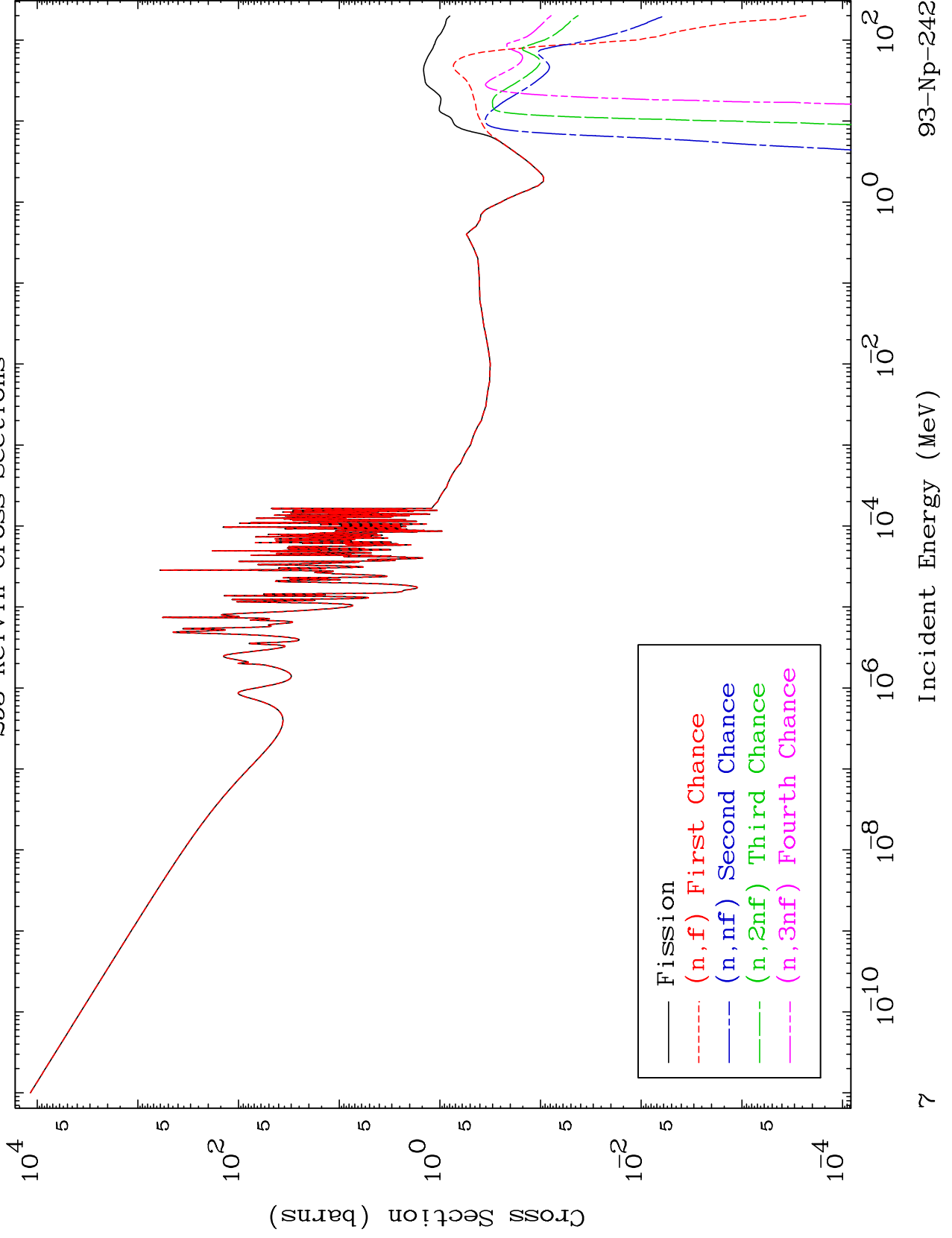
93-Np-242



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Fission  
293 Kelvin Cross Sections

93-Np-242

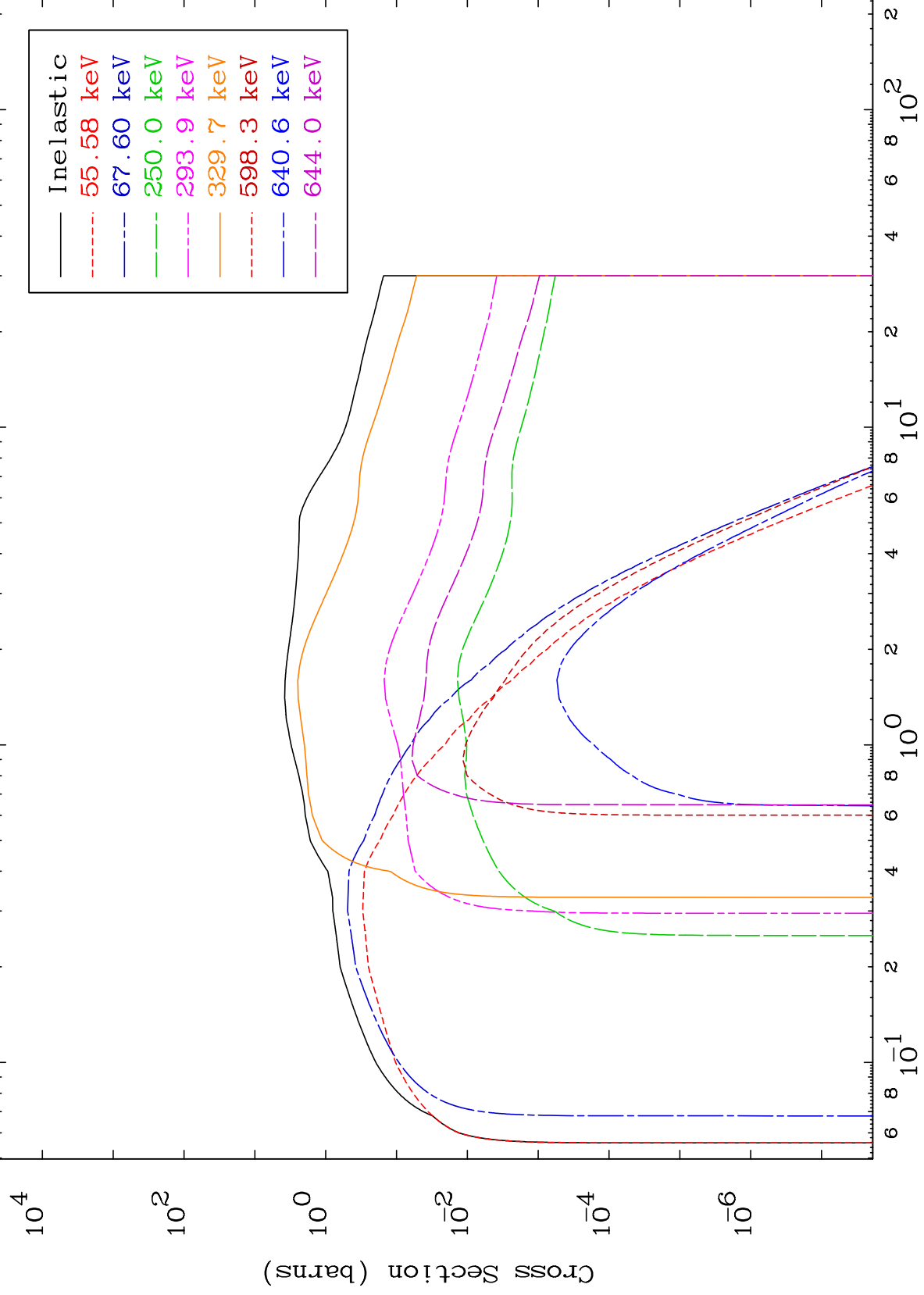




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(n,n') Level  
293 Kelvin Cross Sections

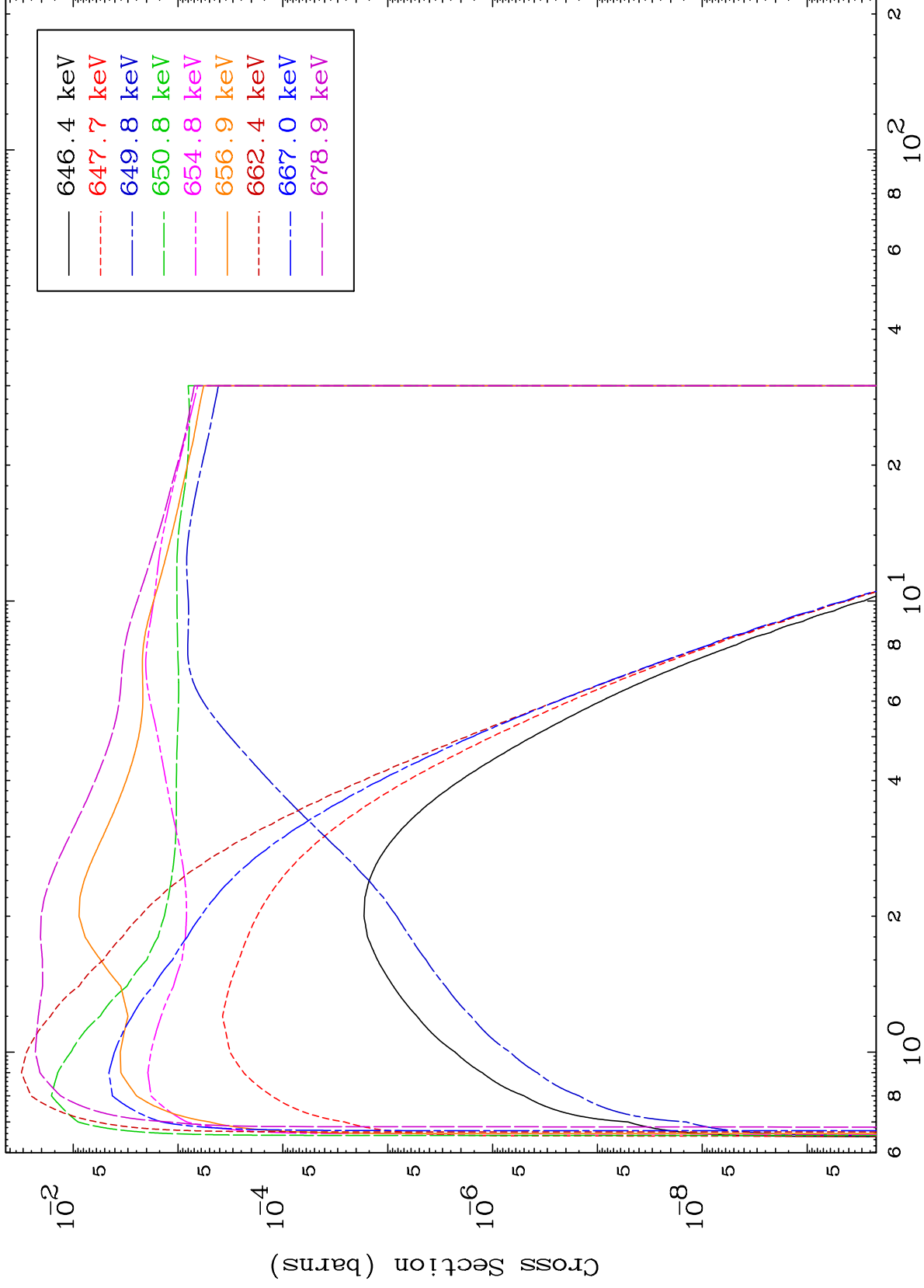
93-Np-242



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(n,n') Level  
293 Kelvin Cross Sections

93-Np-242



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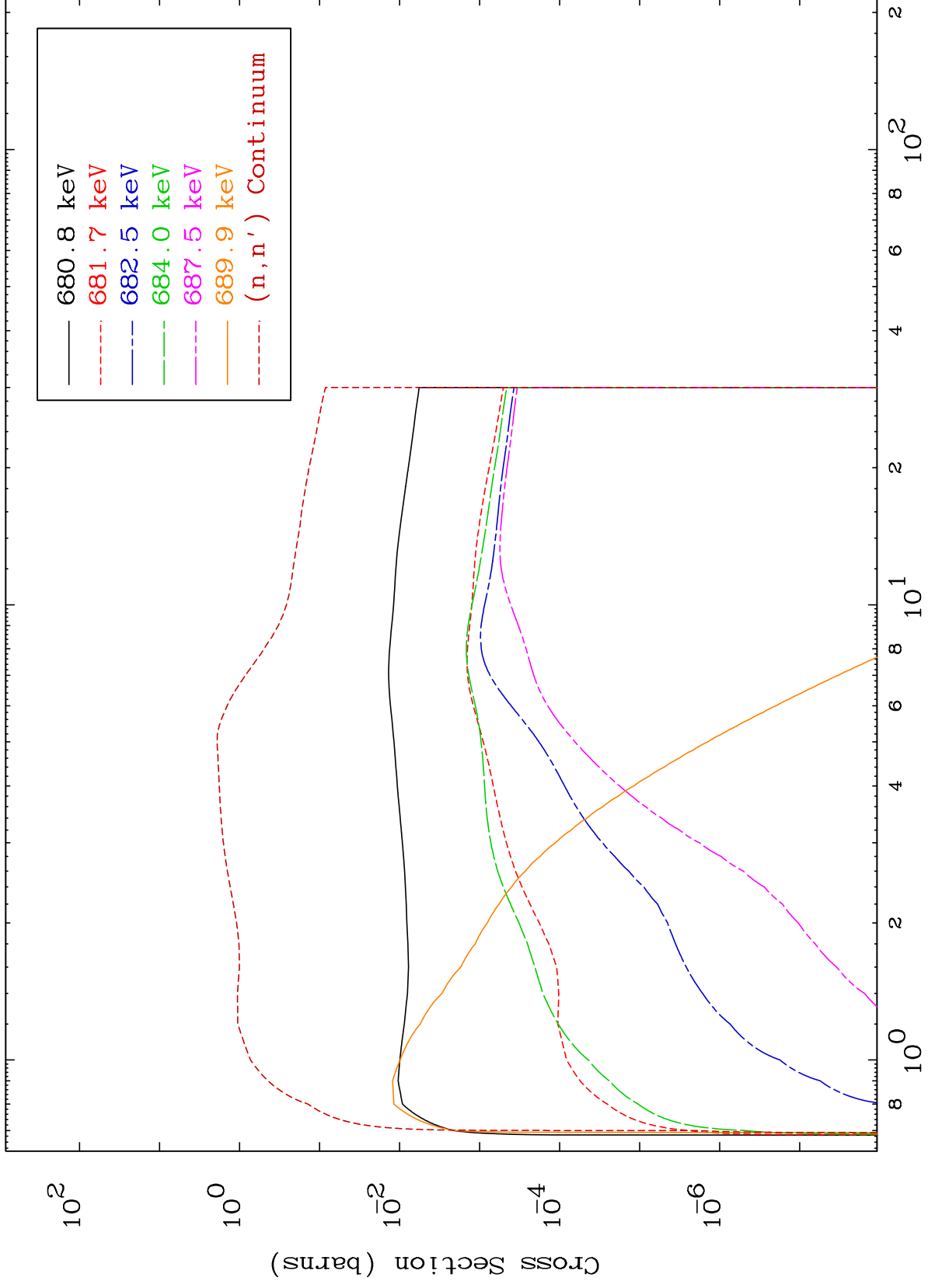
Incident Energy (MeV)

93-Np-242

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(n,n') Level  
293 Kelvin Cross Sections

93-Np-242



10

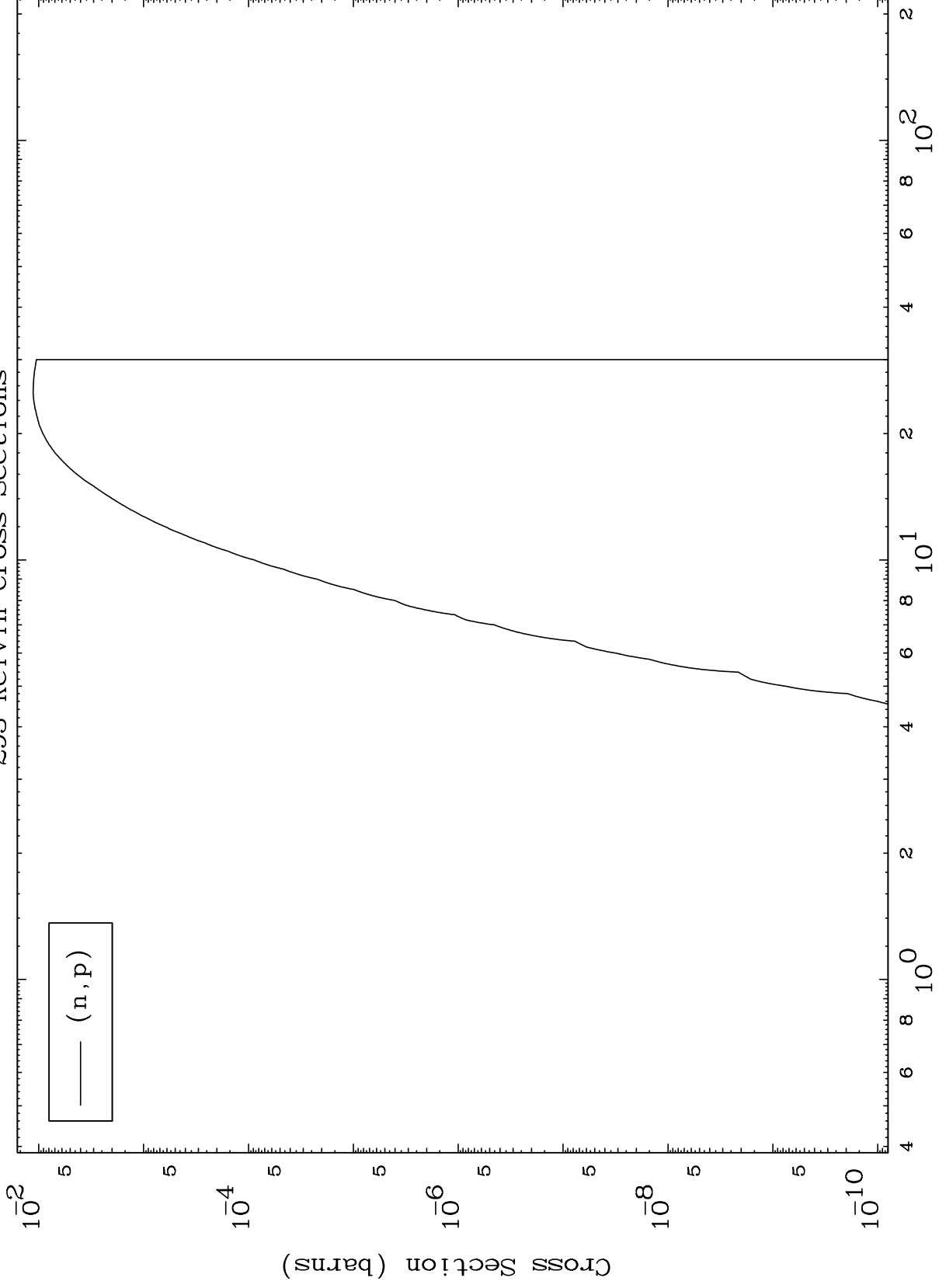
Incident Energy (MeV)

93-Np-242

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(n,p) Levels  
293 Kelvin Cross Sections

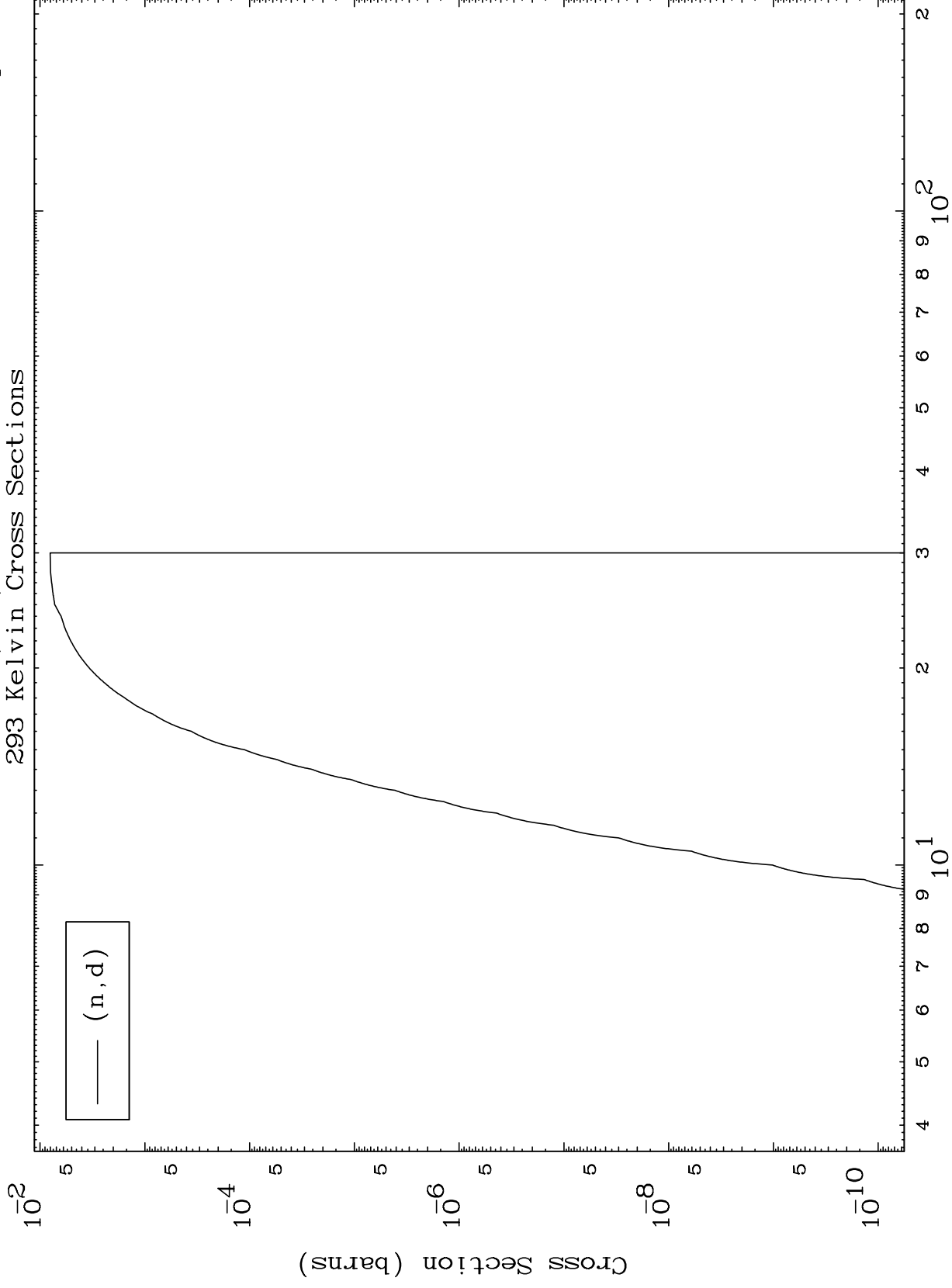
93-Np-242



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(n,d) Levels  
293 Kelvin Cross Sections

93-Np-242



12

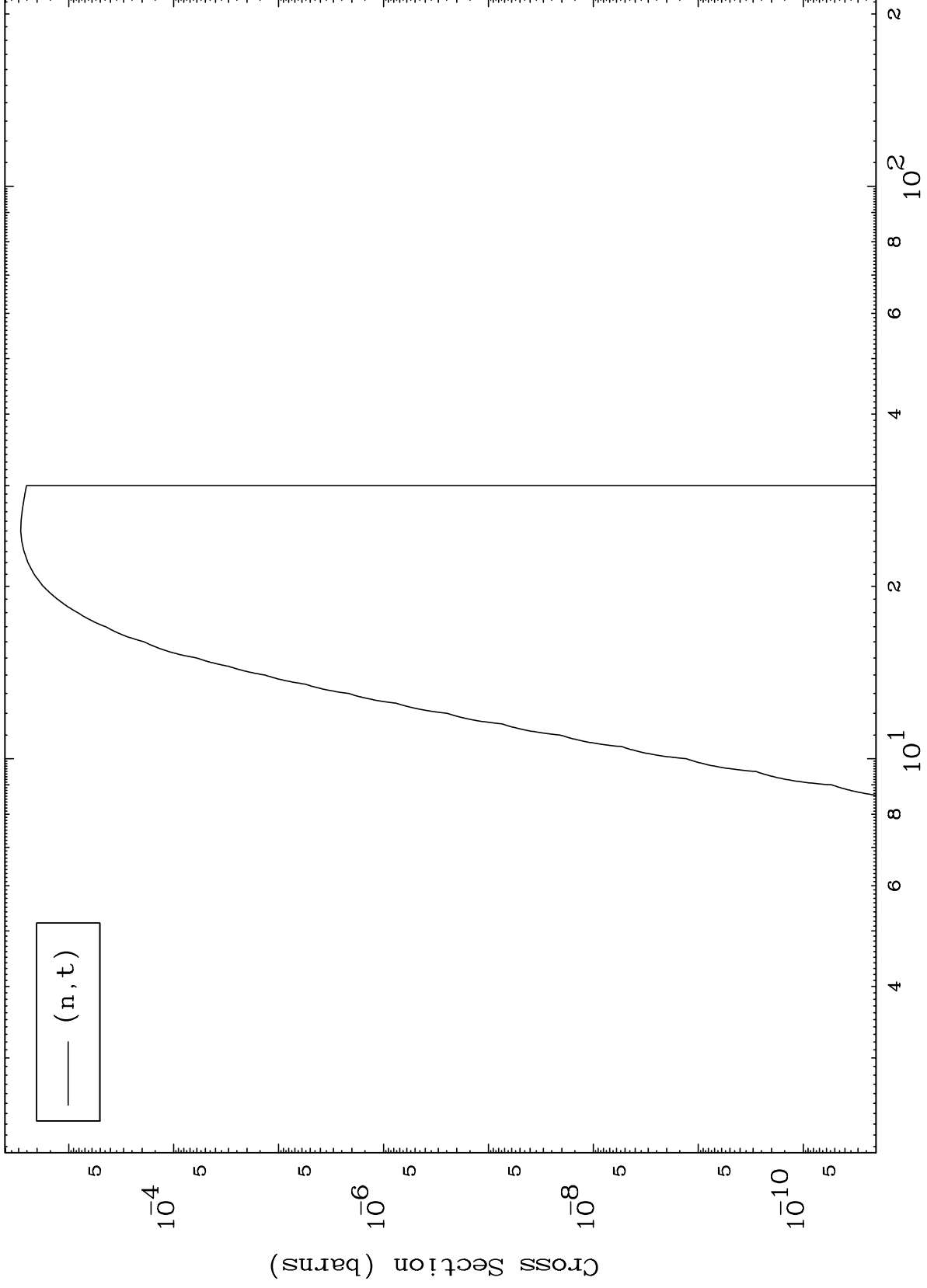
Incident Energy (MeV)

93-Np-242

MAT 9361

(n,t) Levels  
293 Kelvin Cross Sections

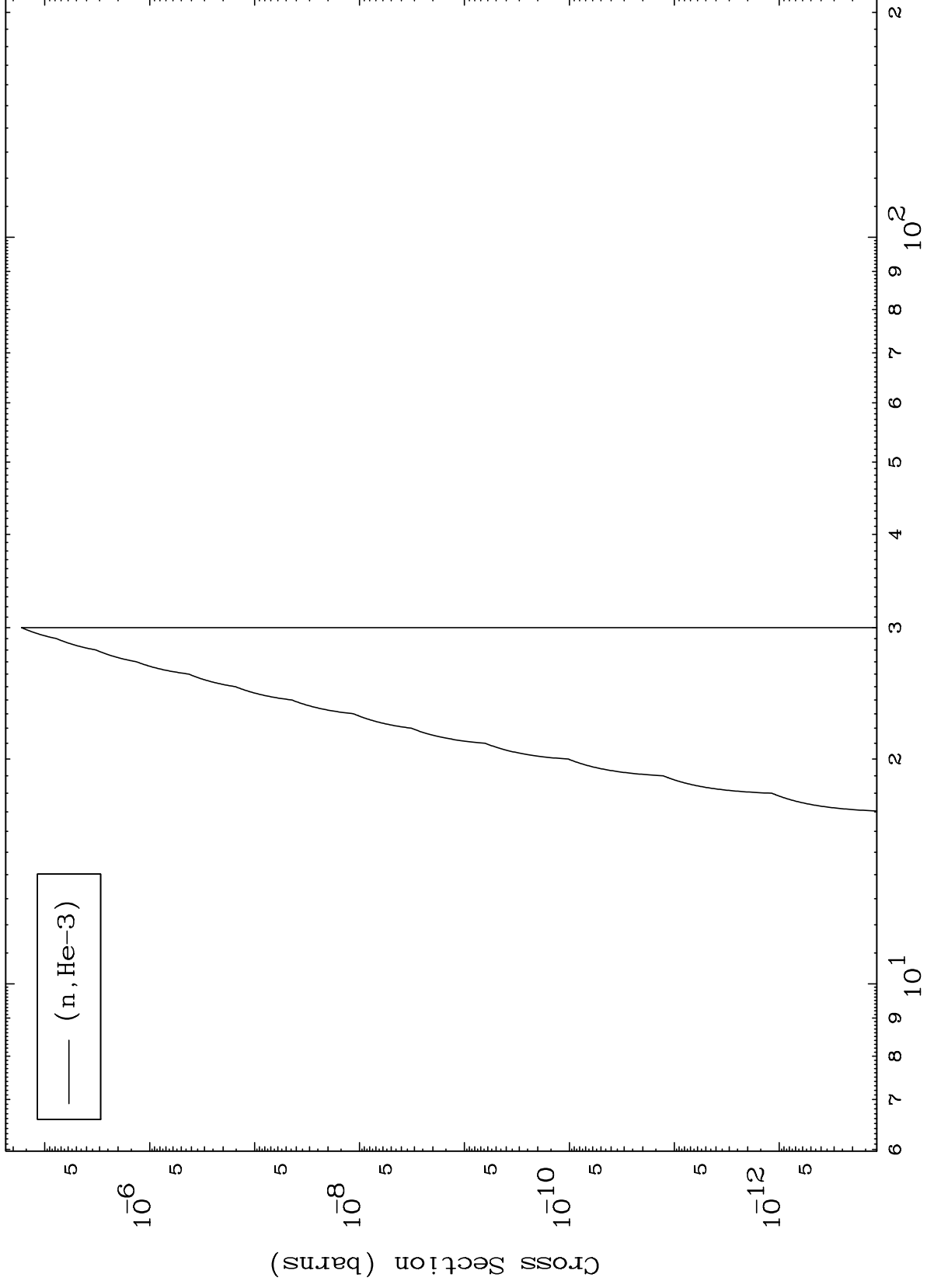
93-Np-242



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(n,He3) Levels  
293 Kelvin Cross Sections

93-Np-242



14

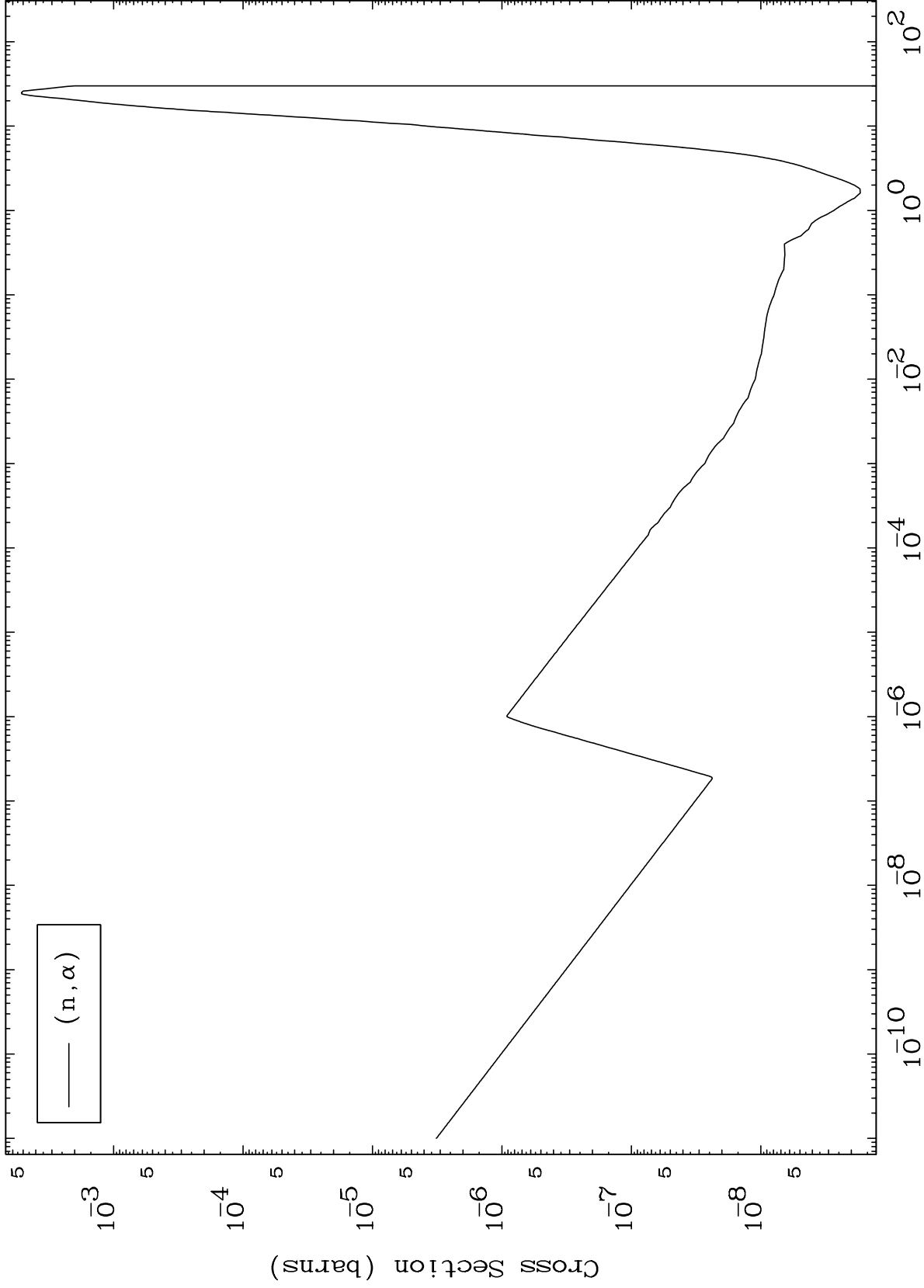
Incident Energy (MeV)

93-Np-242

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

93-Np-242

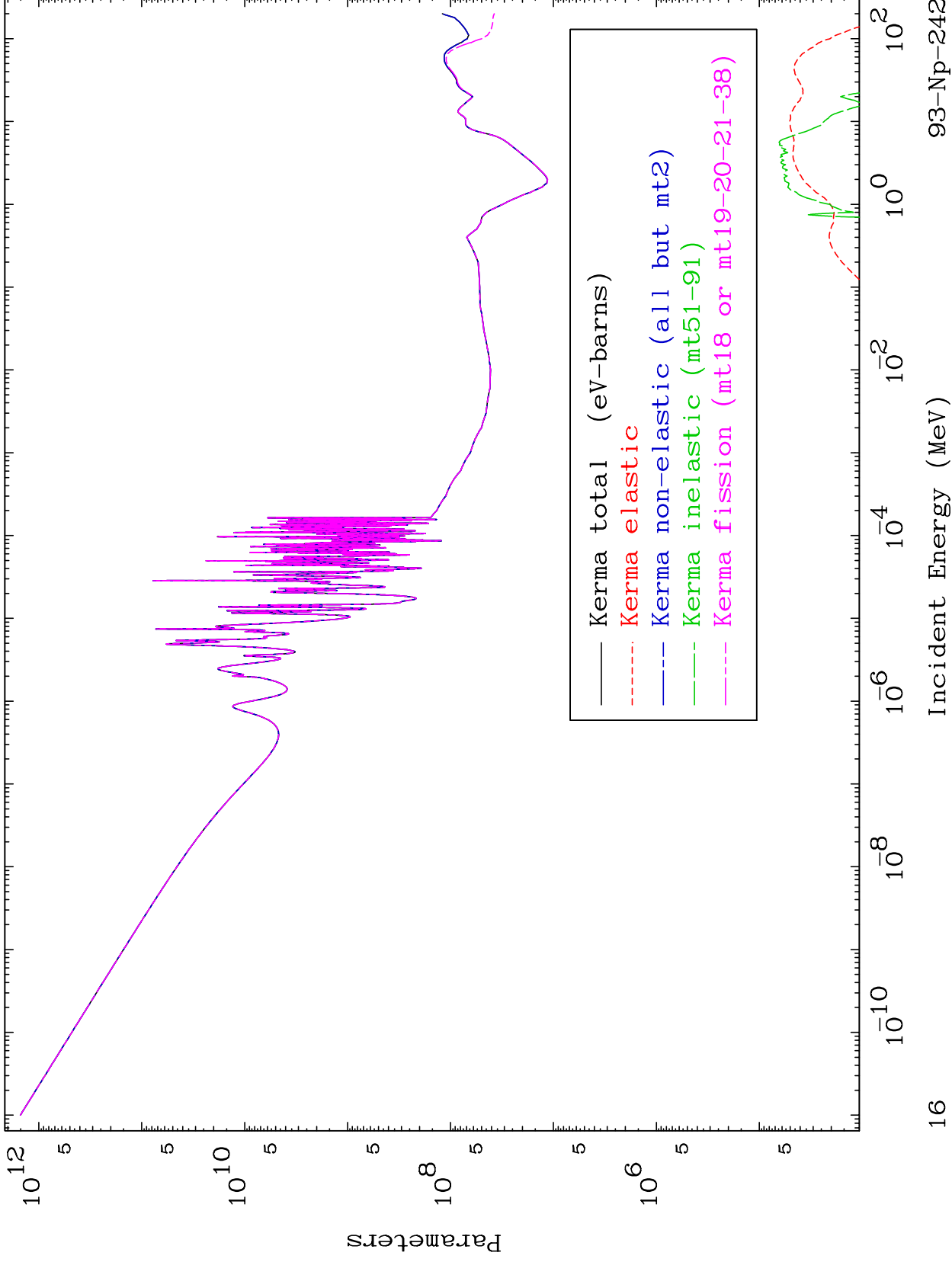


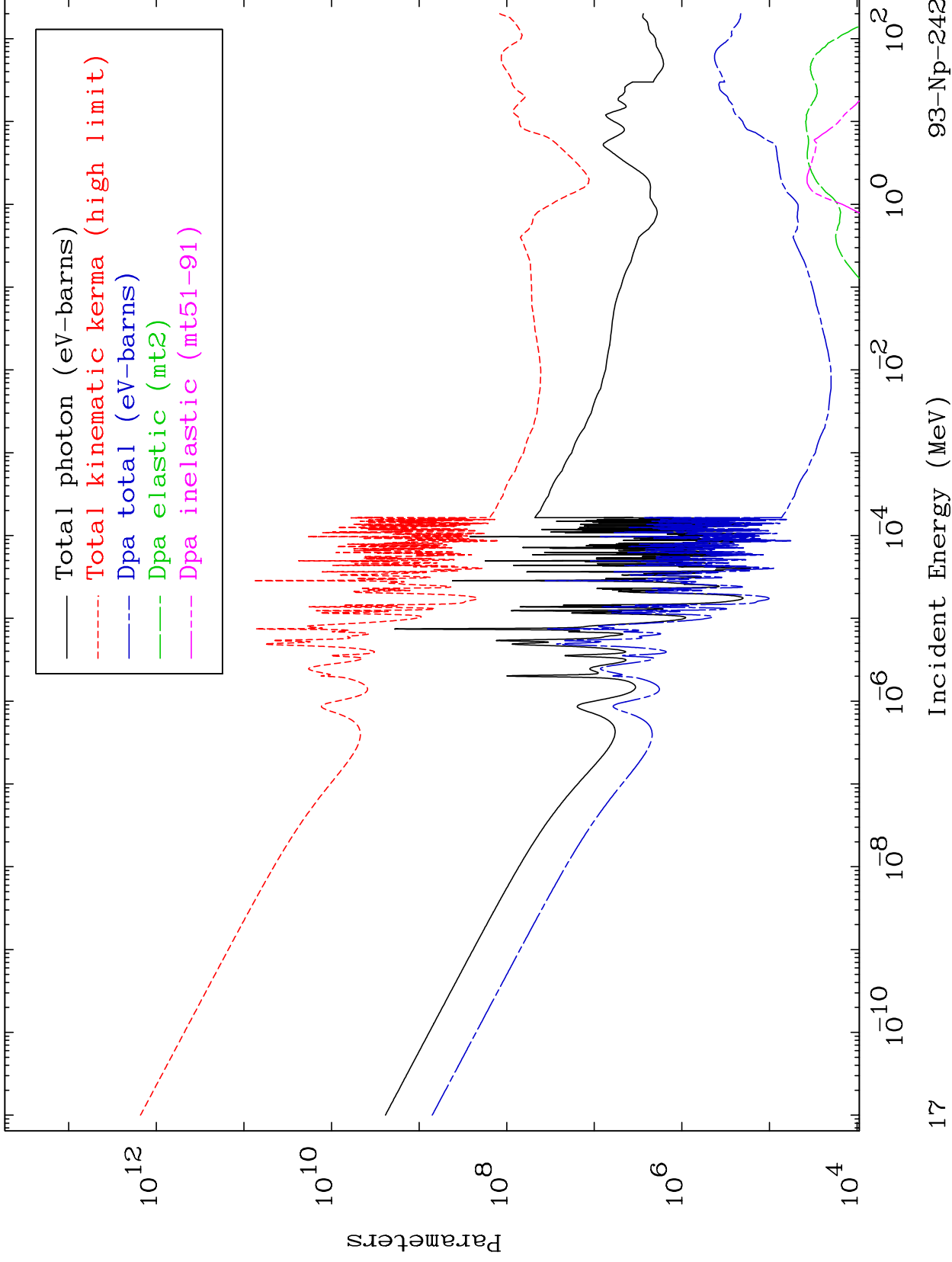
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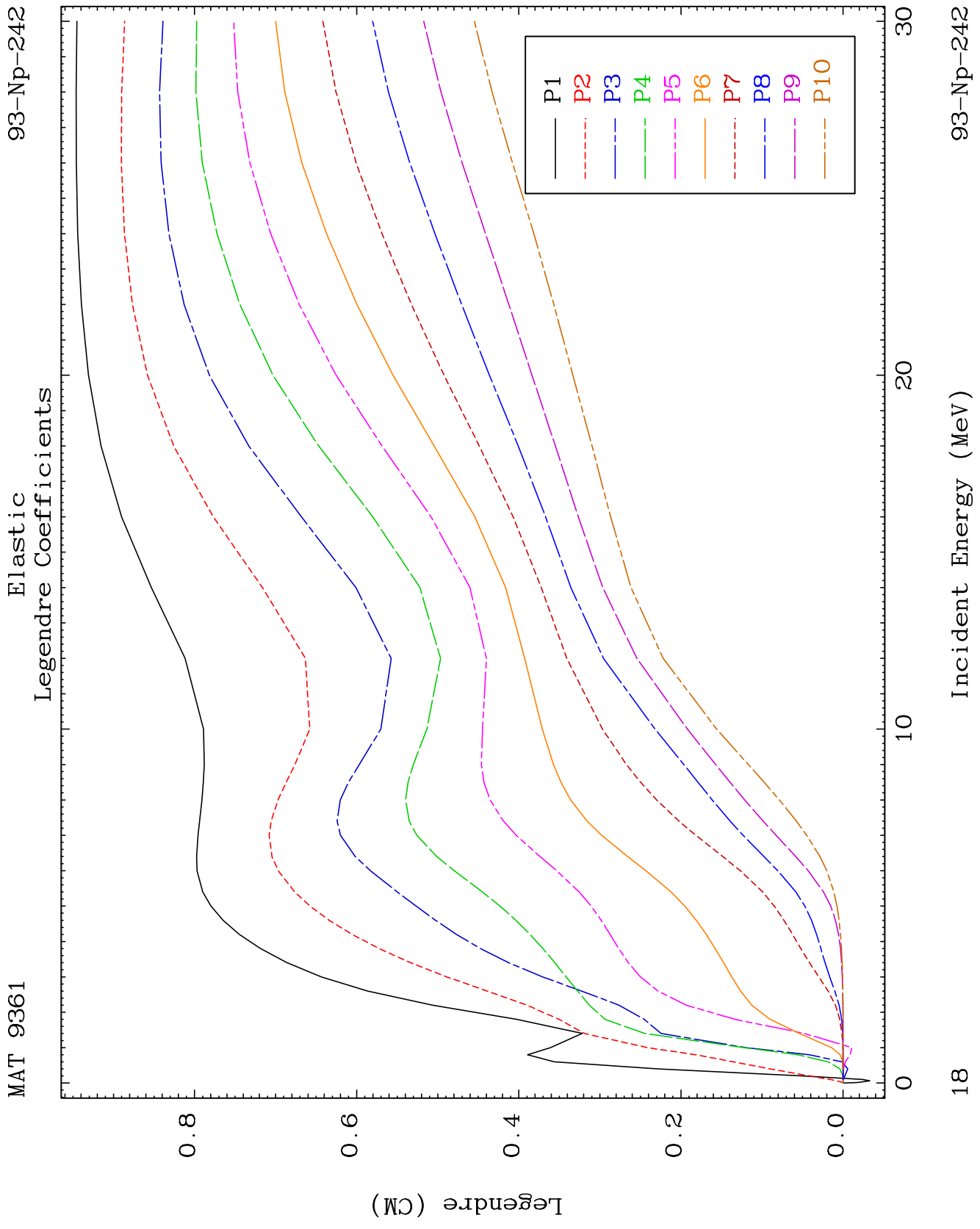
Incident Energy (MeV)

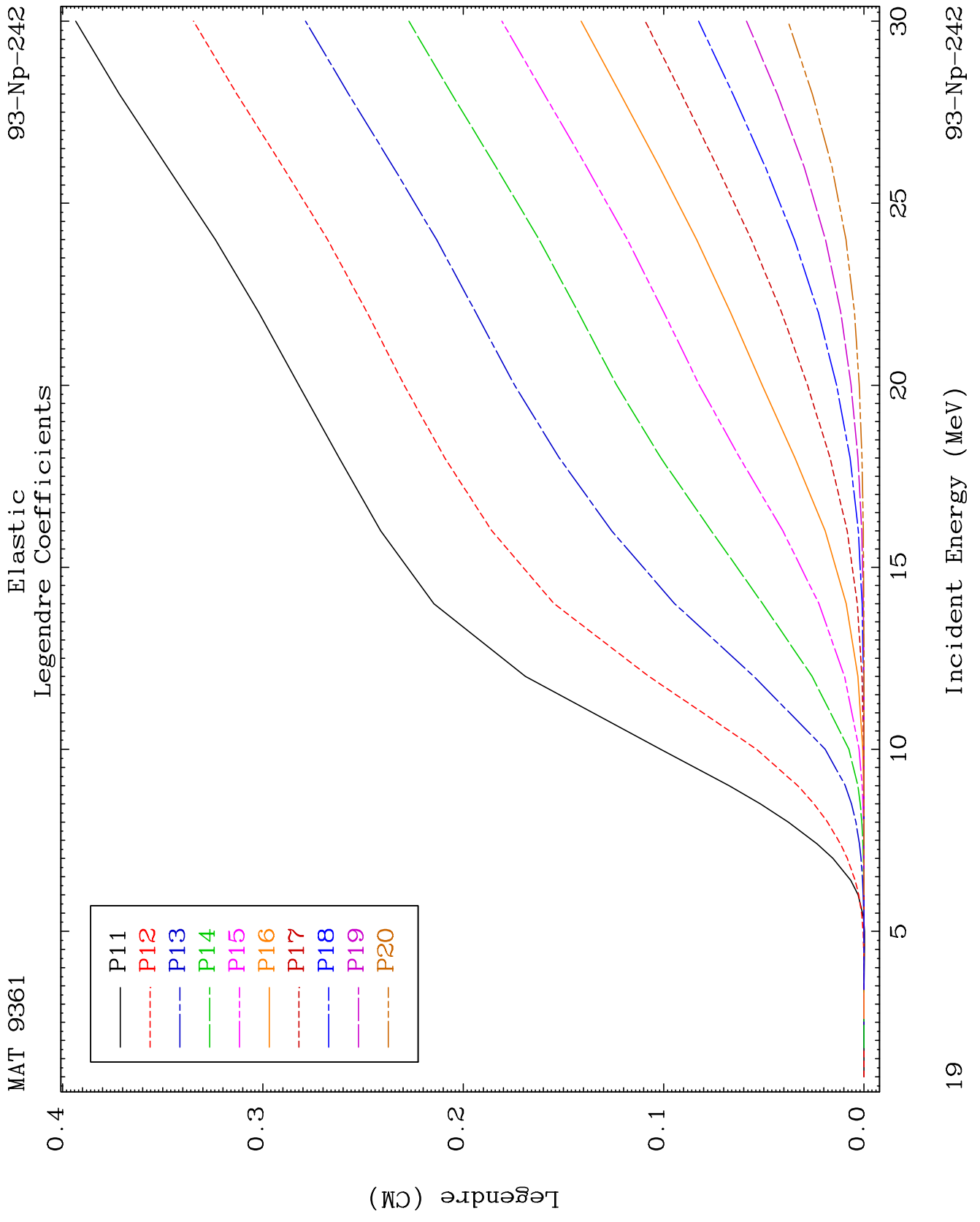
93-Np-242







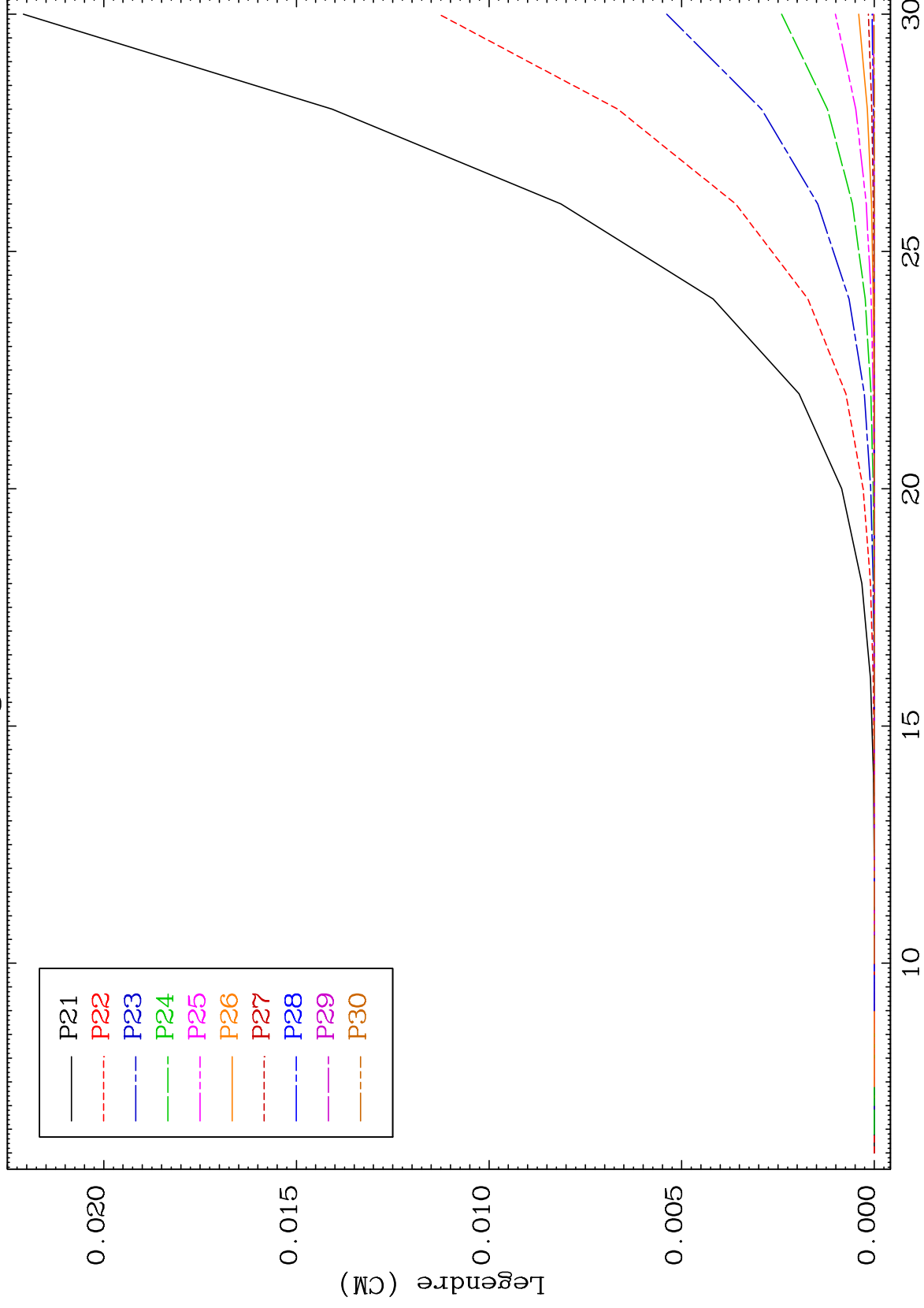




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### Elastic Legendre Coefficients

93-Np-242



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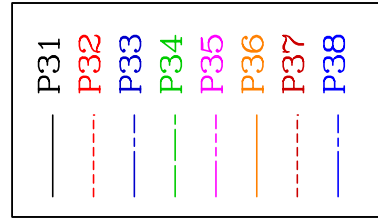
Incident Energy (MeV)

93-Np-242

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Elastic Legendre Coefficients

93-Np-242



$\times 10^{-6}$   
2.0

1.5

Legendre (CM)

1.0

0.5

0.0

15

20

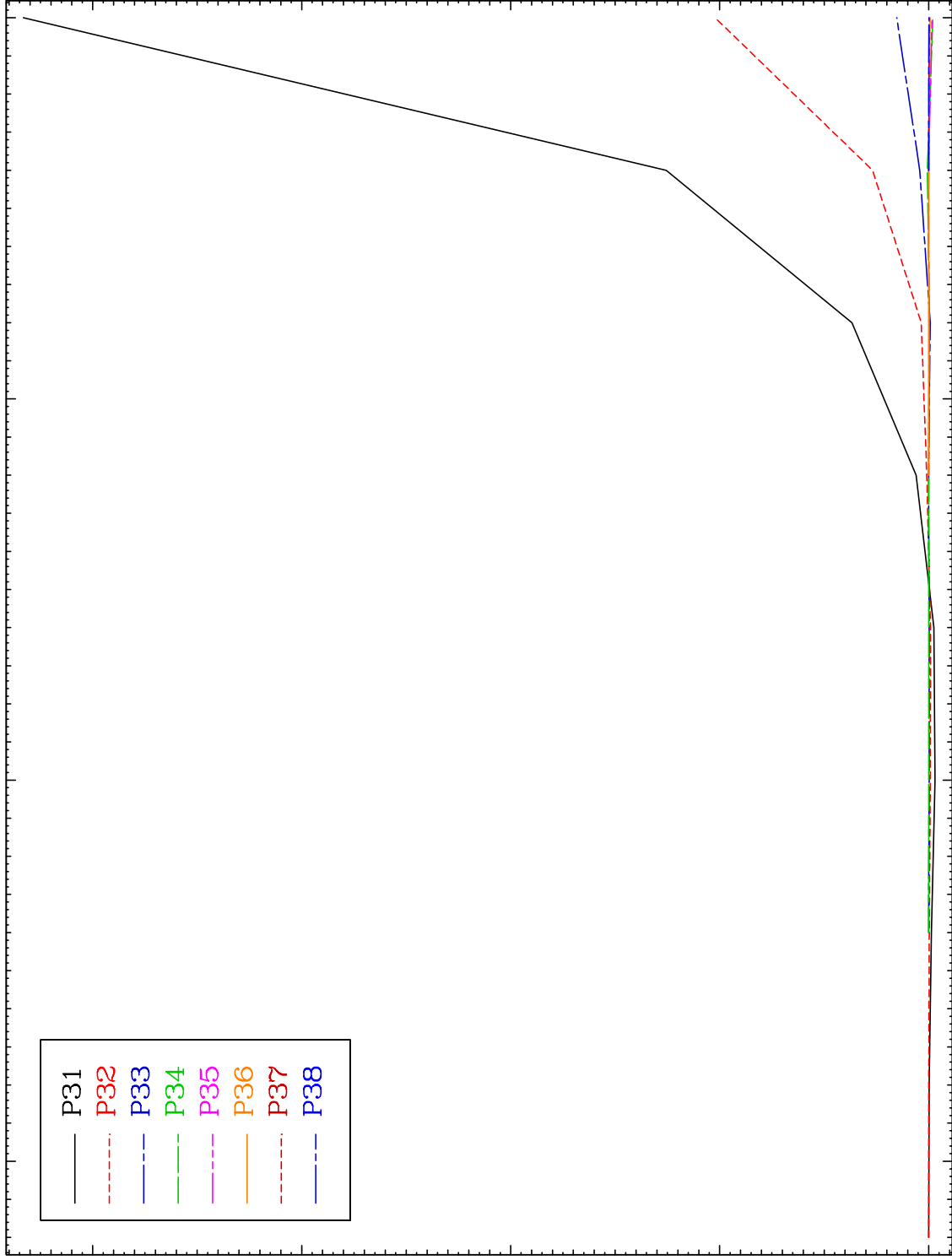
25

30

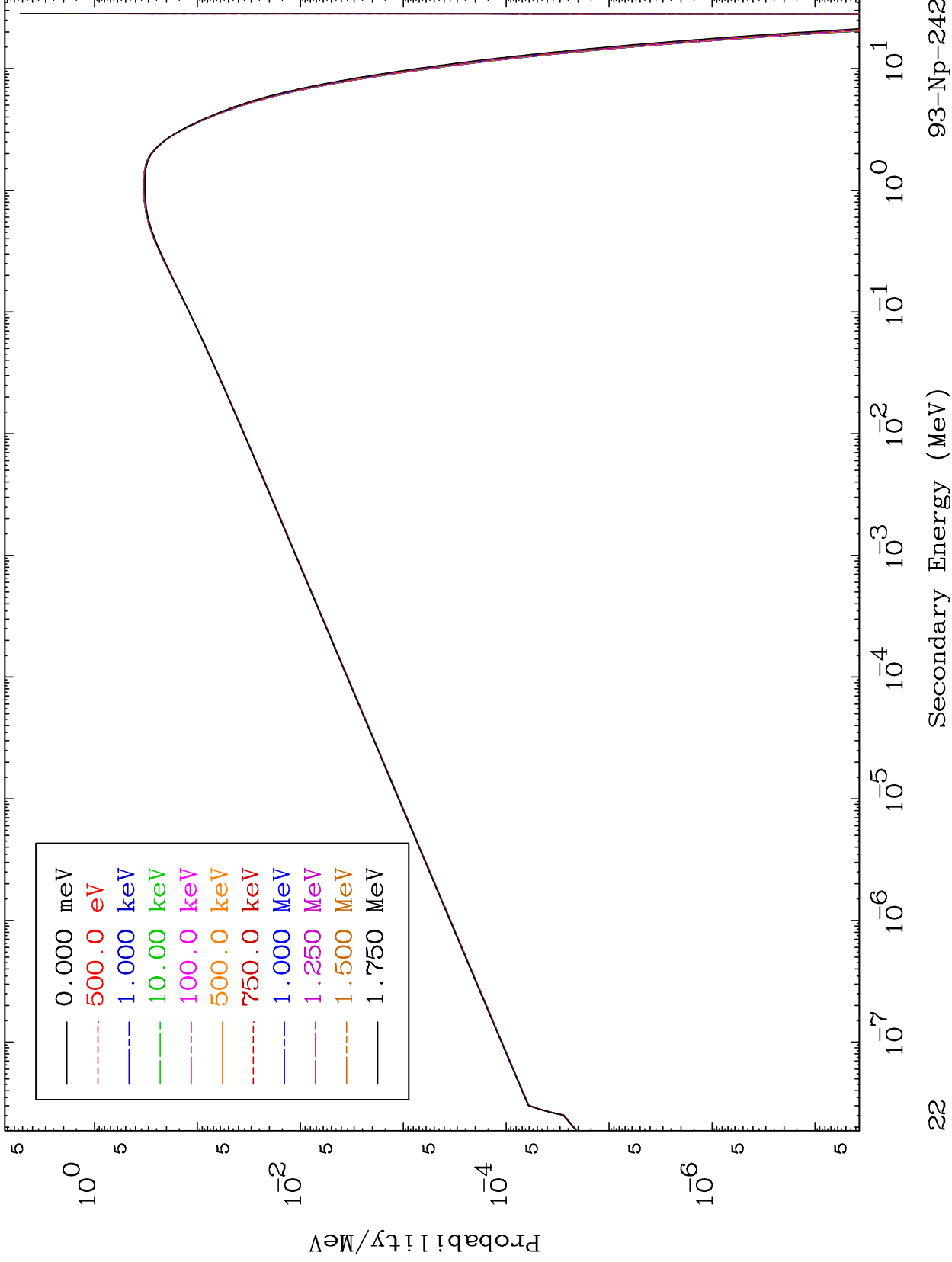
21

Incident Energy (MeV)

93-Np-242



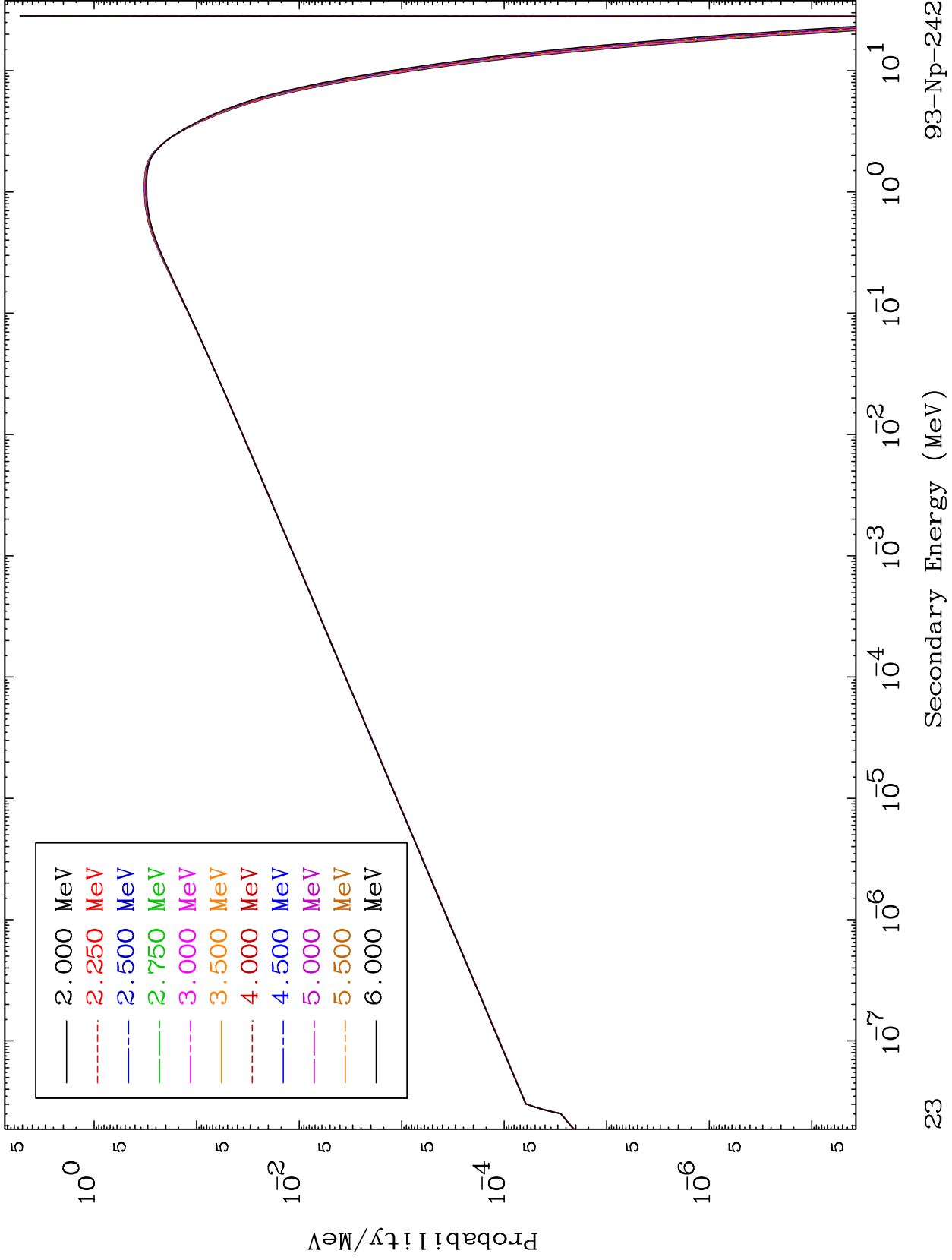
Fission  
Energy Distribution



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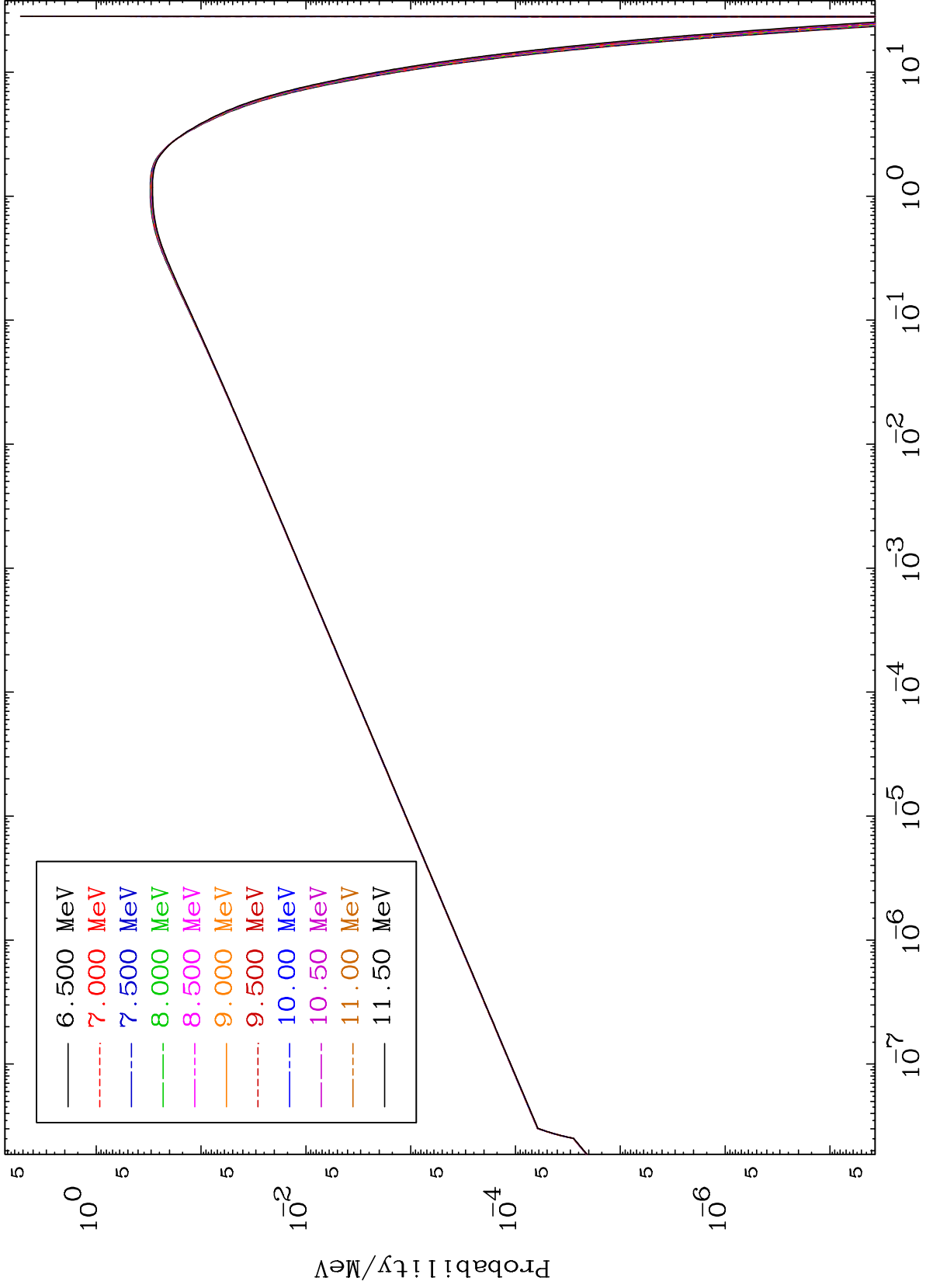
### Fission Energy Distribution

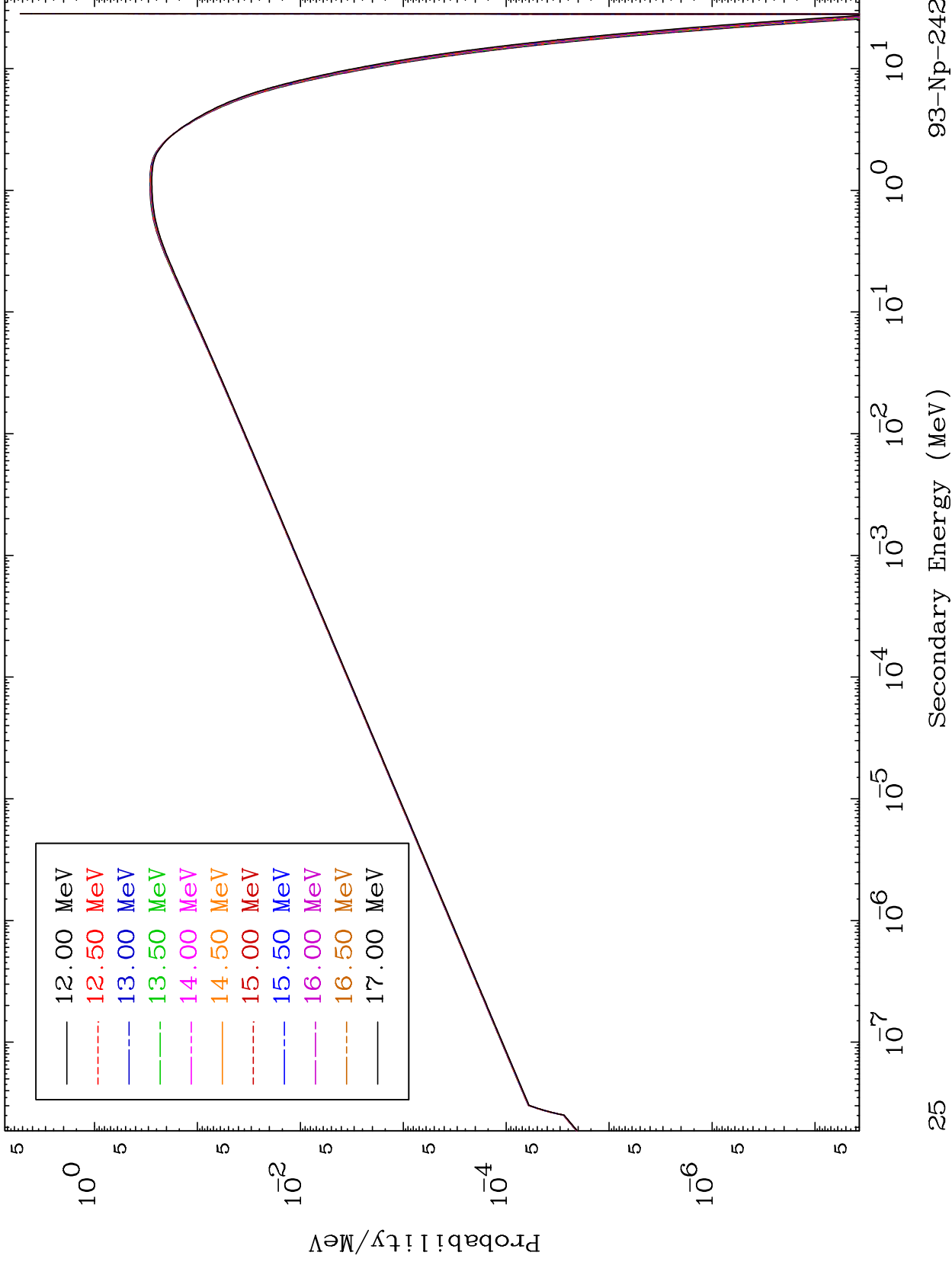
93-Np-242



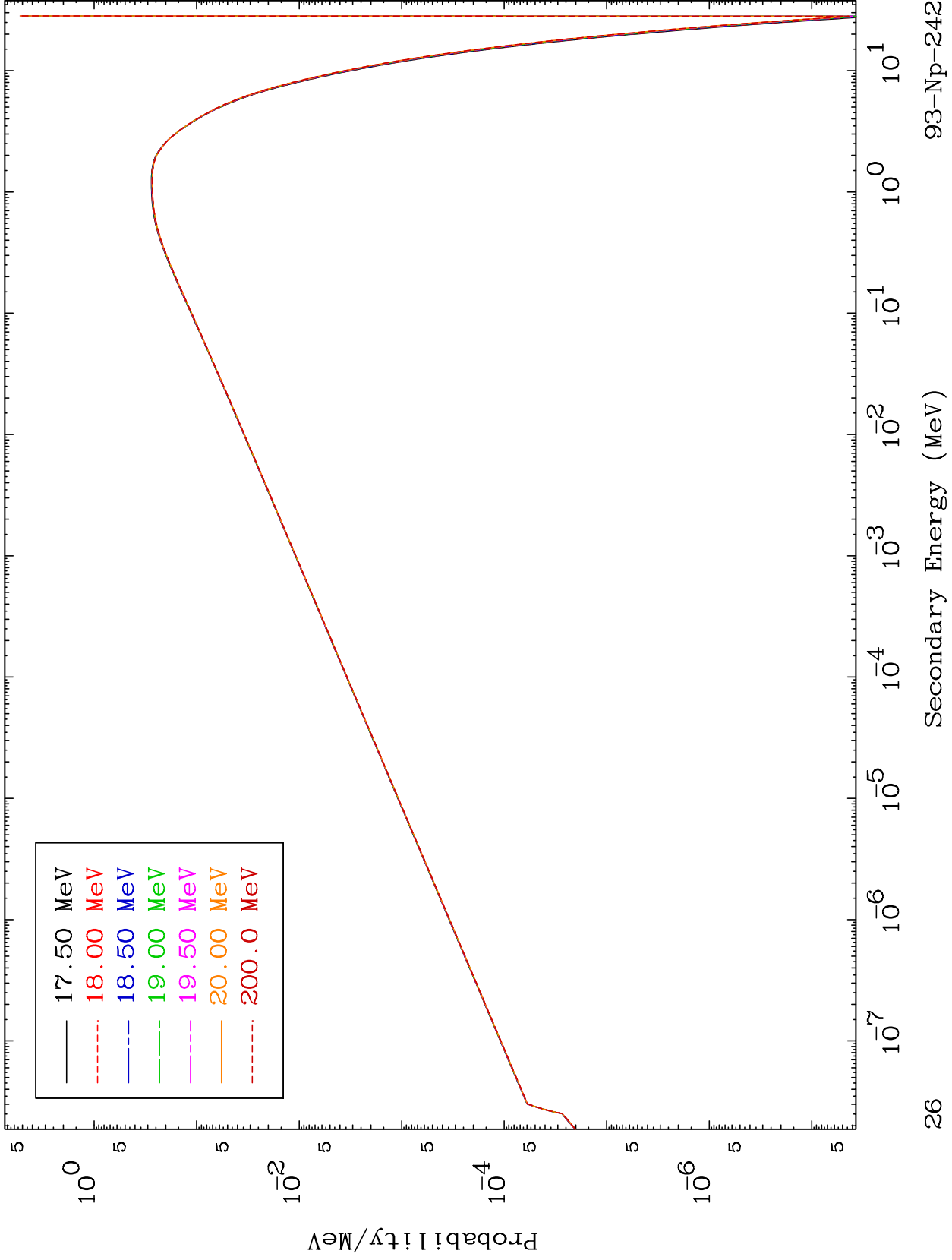


Fission  
Energy Distribution





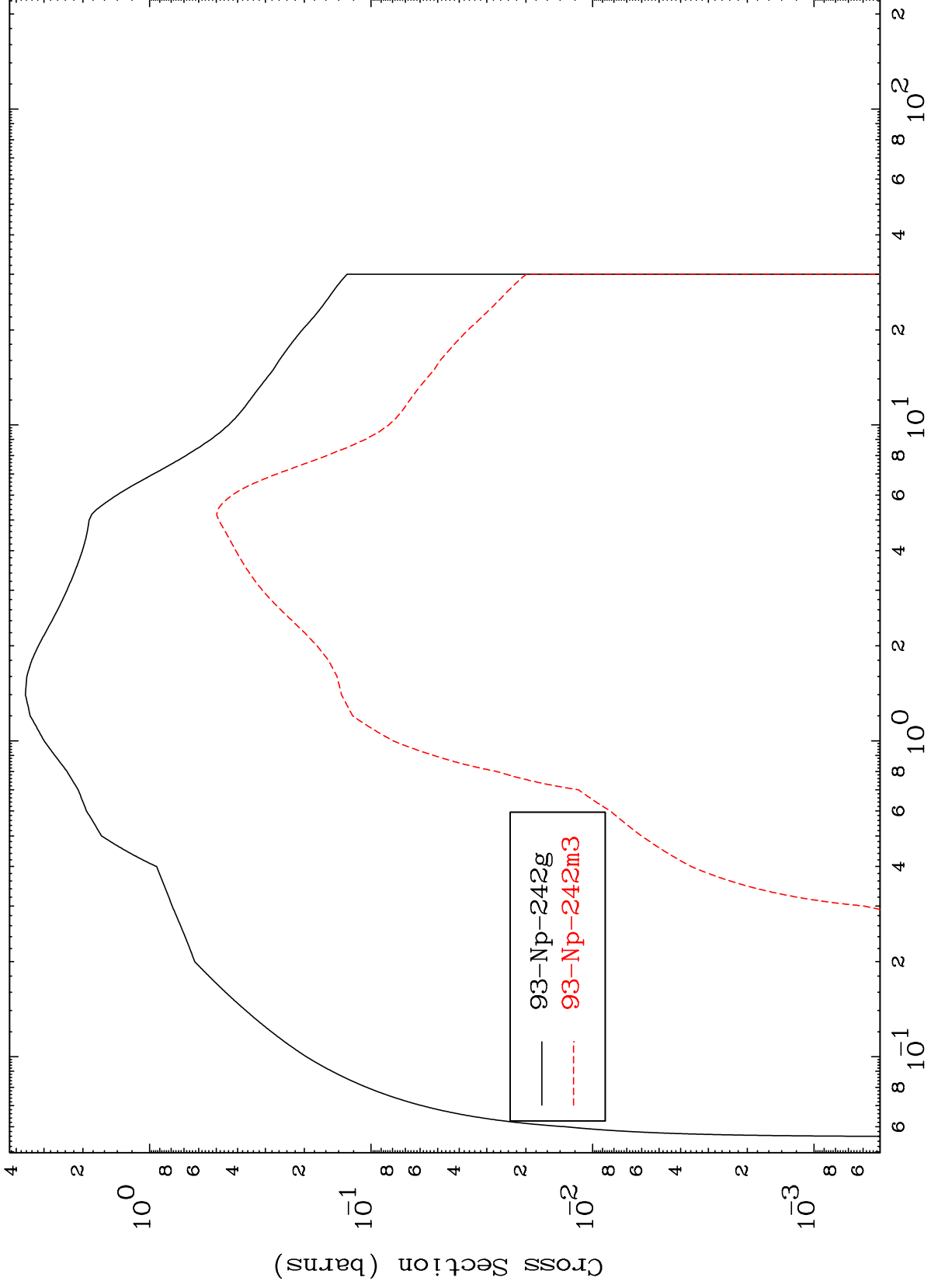
Fission  
Energy Distribution



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93-Np-242

Inelastic  
Radionuclide Production Cross Section

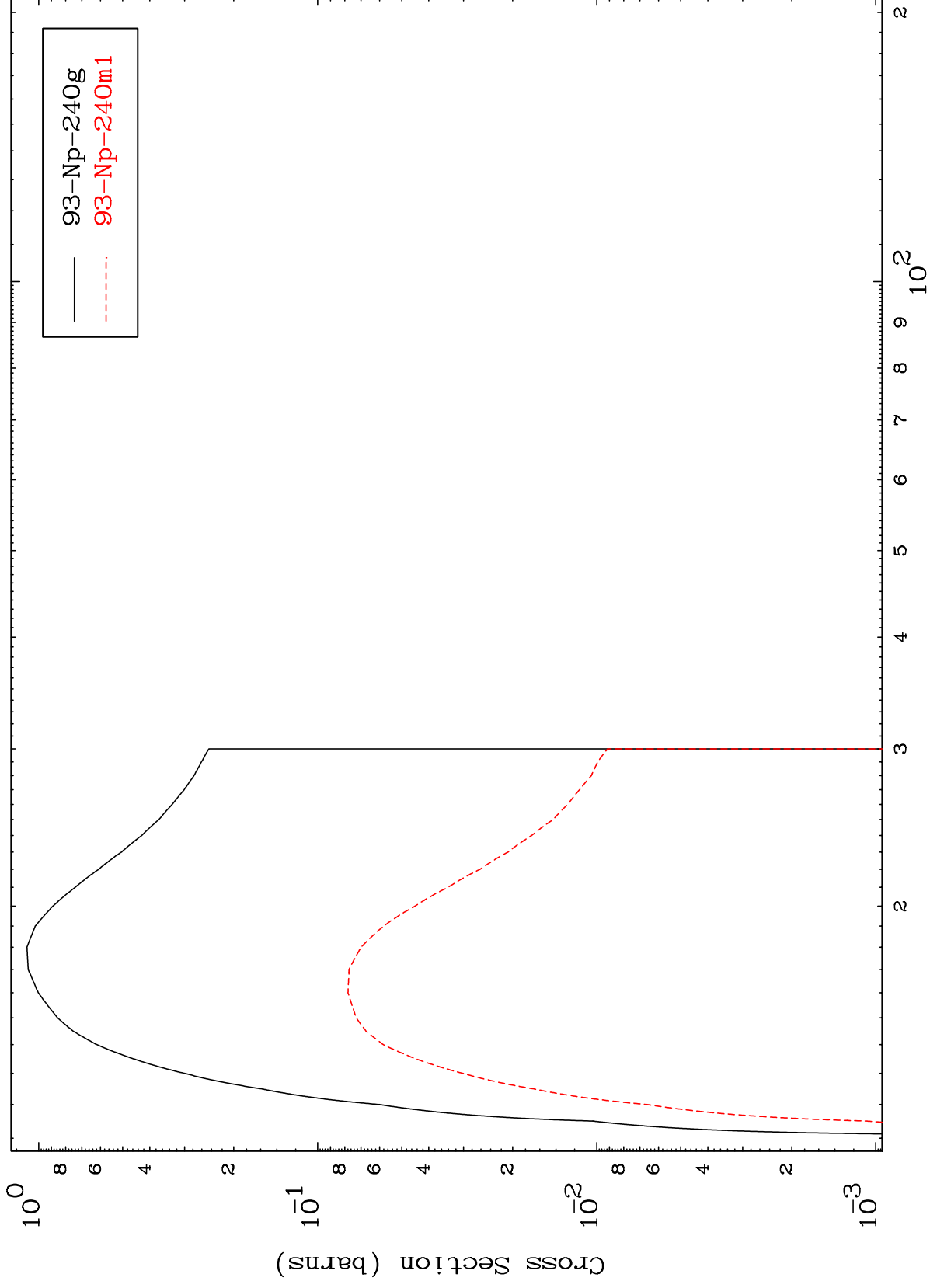


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(n,3n)

93-Np-242

Radionuclide Production Cross Section



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Incident Energy (MeV)

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