

Program EVALPLOT  
(Version 2018-1)

by

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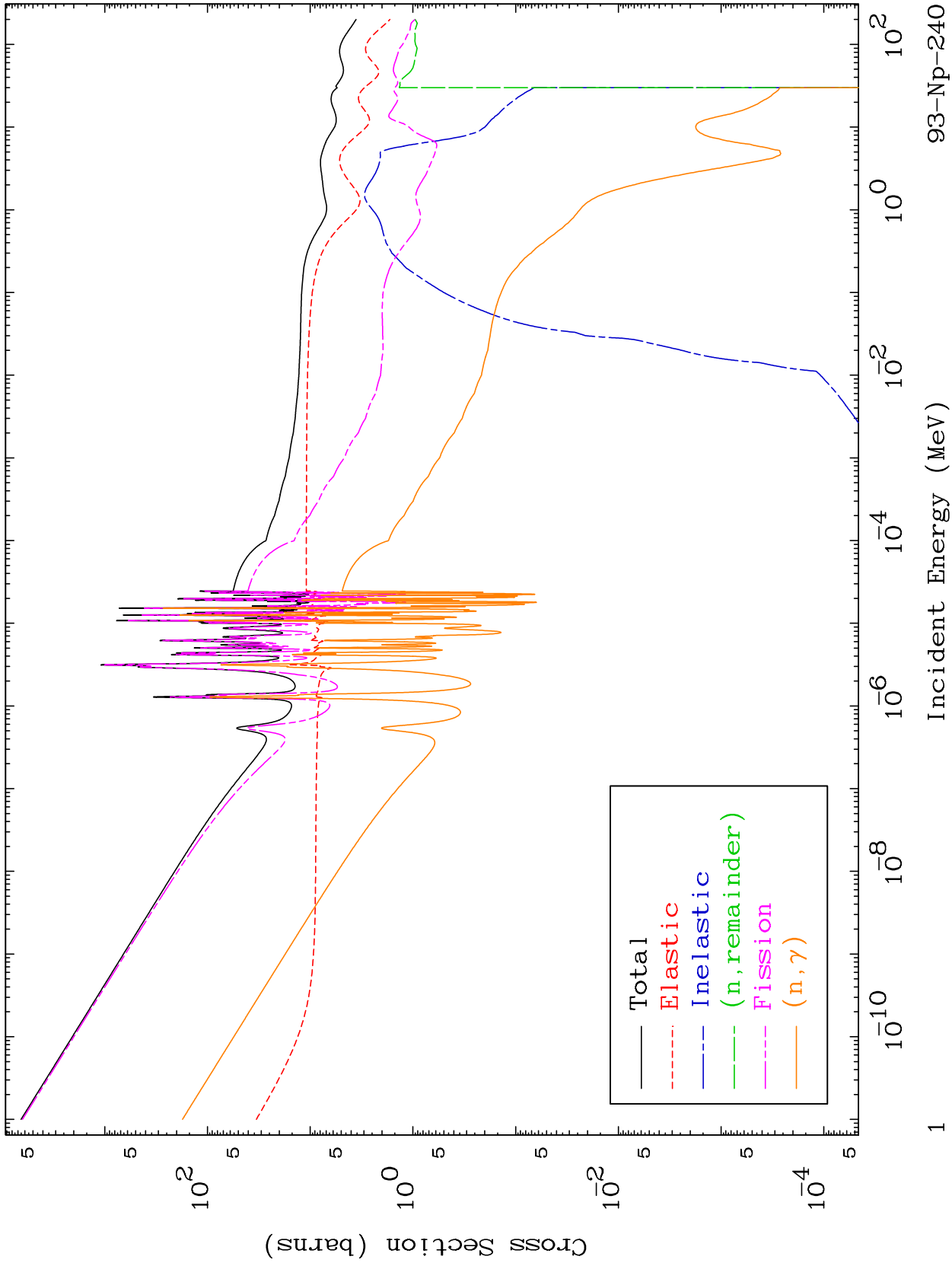
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9356

Major  
293 Kelvin Cross Sections

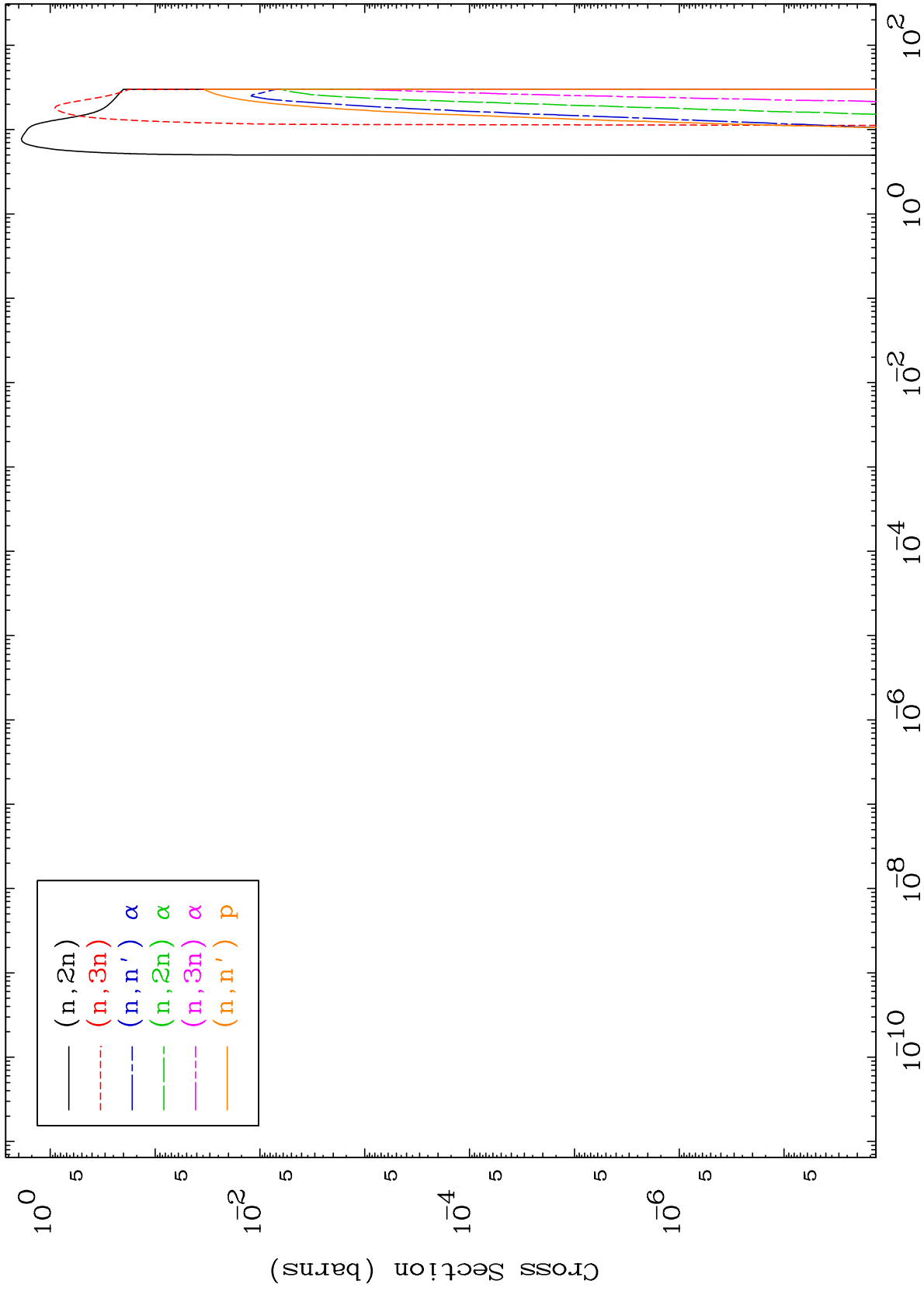
93-Np-240



MAT 9356

Neutron Production  
293 Kelvin Cross Sections

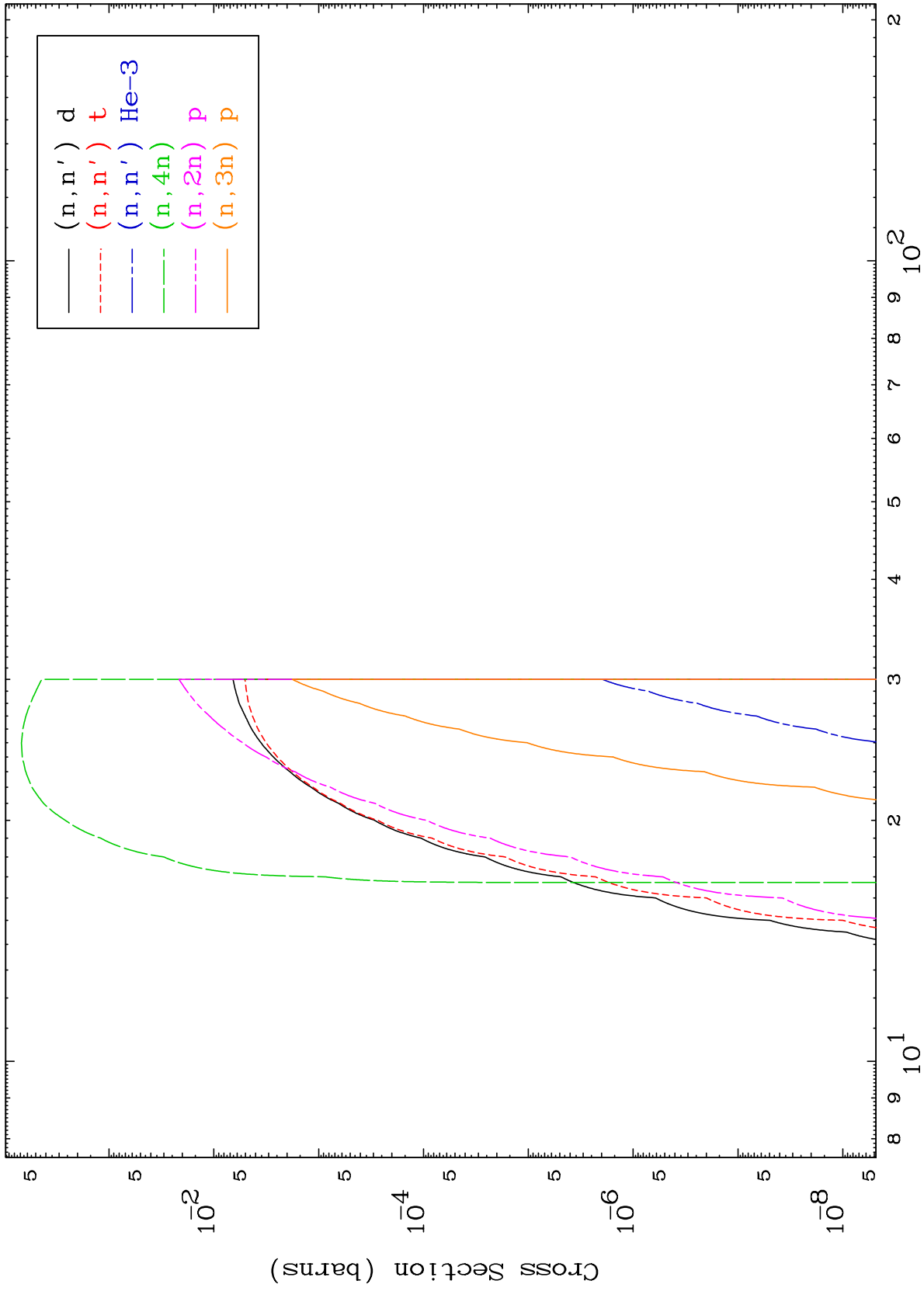
93-Np-240



MAT 9356

### Neutron Production 293 Kelvin Cross Sections

93-Np-240



3

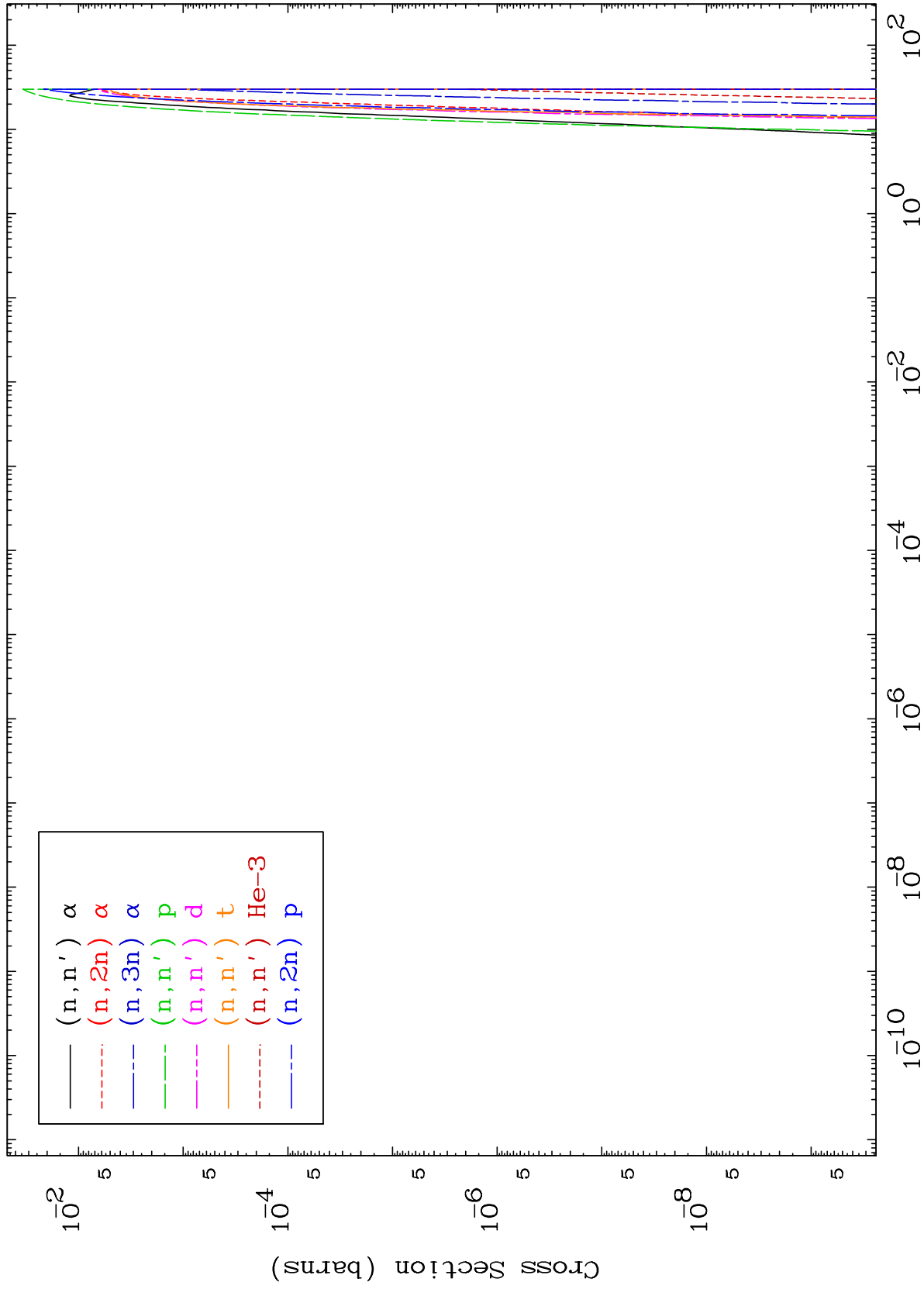
Incident Energy (MeV)

93-Np-240

MAT 9356

Charged Particle  
293 Kelvin Cross Sections

93-Np-240



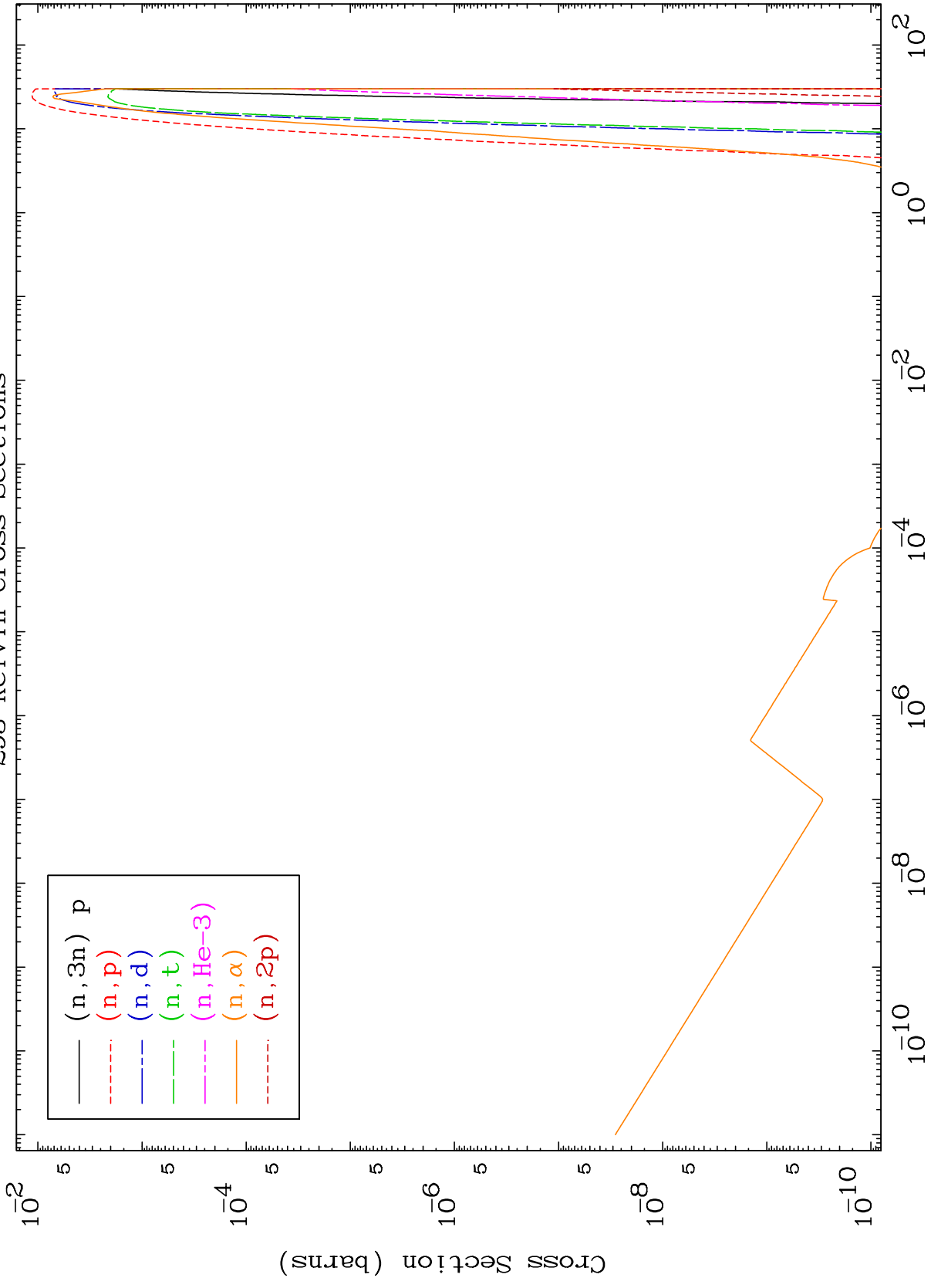
93-Np-240

Incident Energy (MeV)

MAT 9356

Charged Particle  
293 Kelvin Cross Sections

93-Np-240

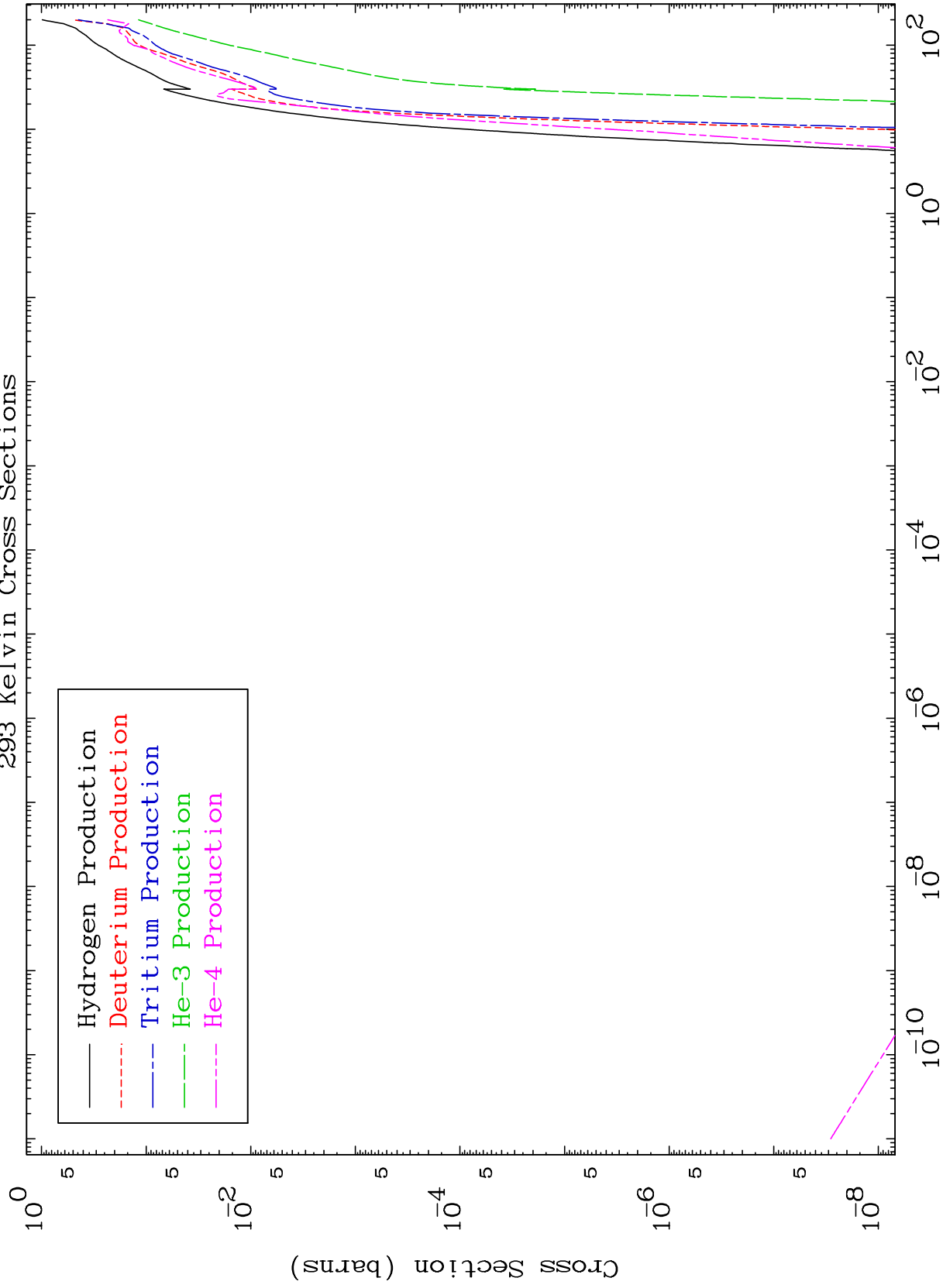


5

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Particle Production  
293 Kelvin Cross Sections

93-Np-240



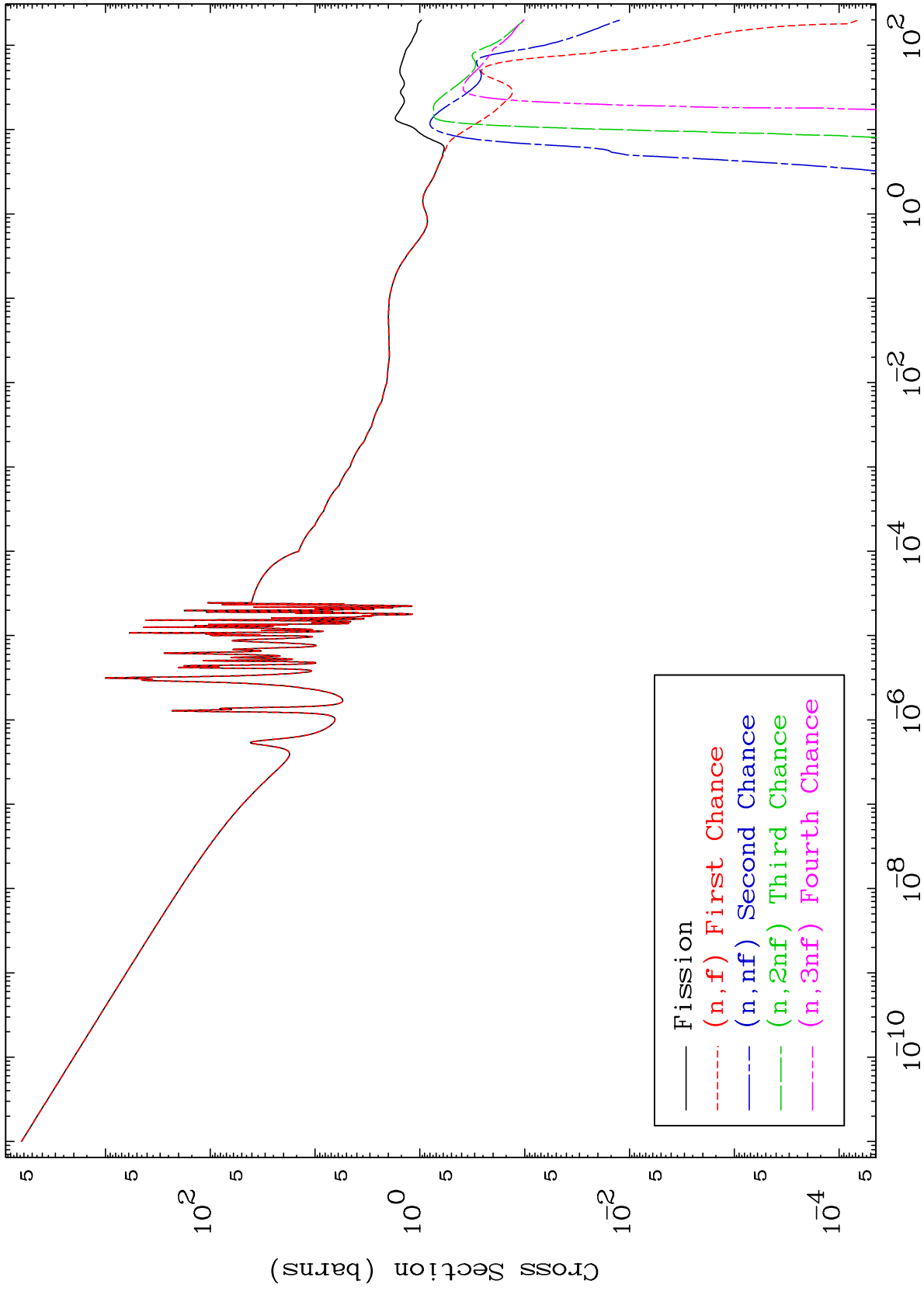
6

93-Np-240

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Fission  
293 Kelvin Cross Sections

93-Np-240

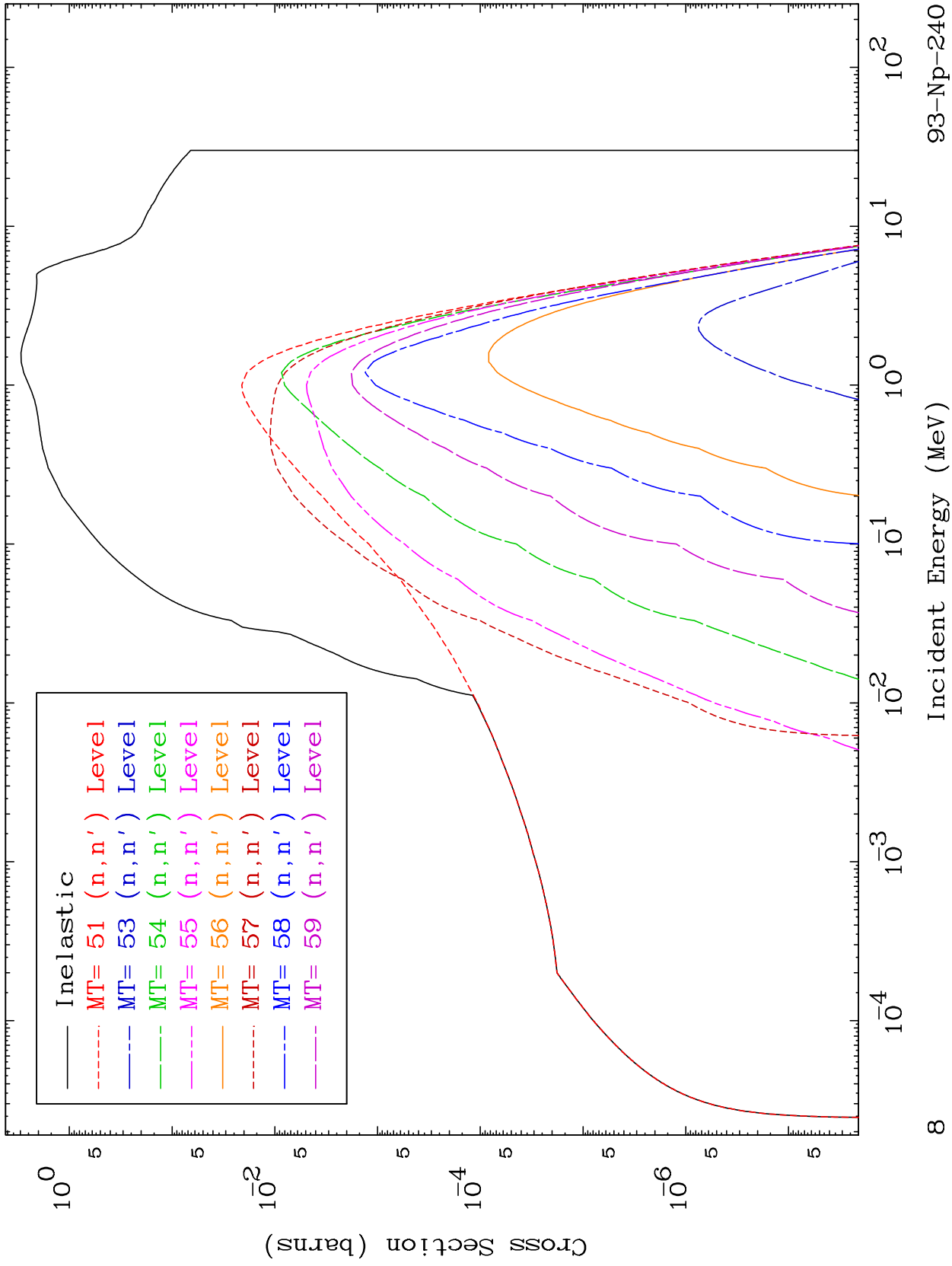




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293 Kelvin Cross Sections

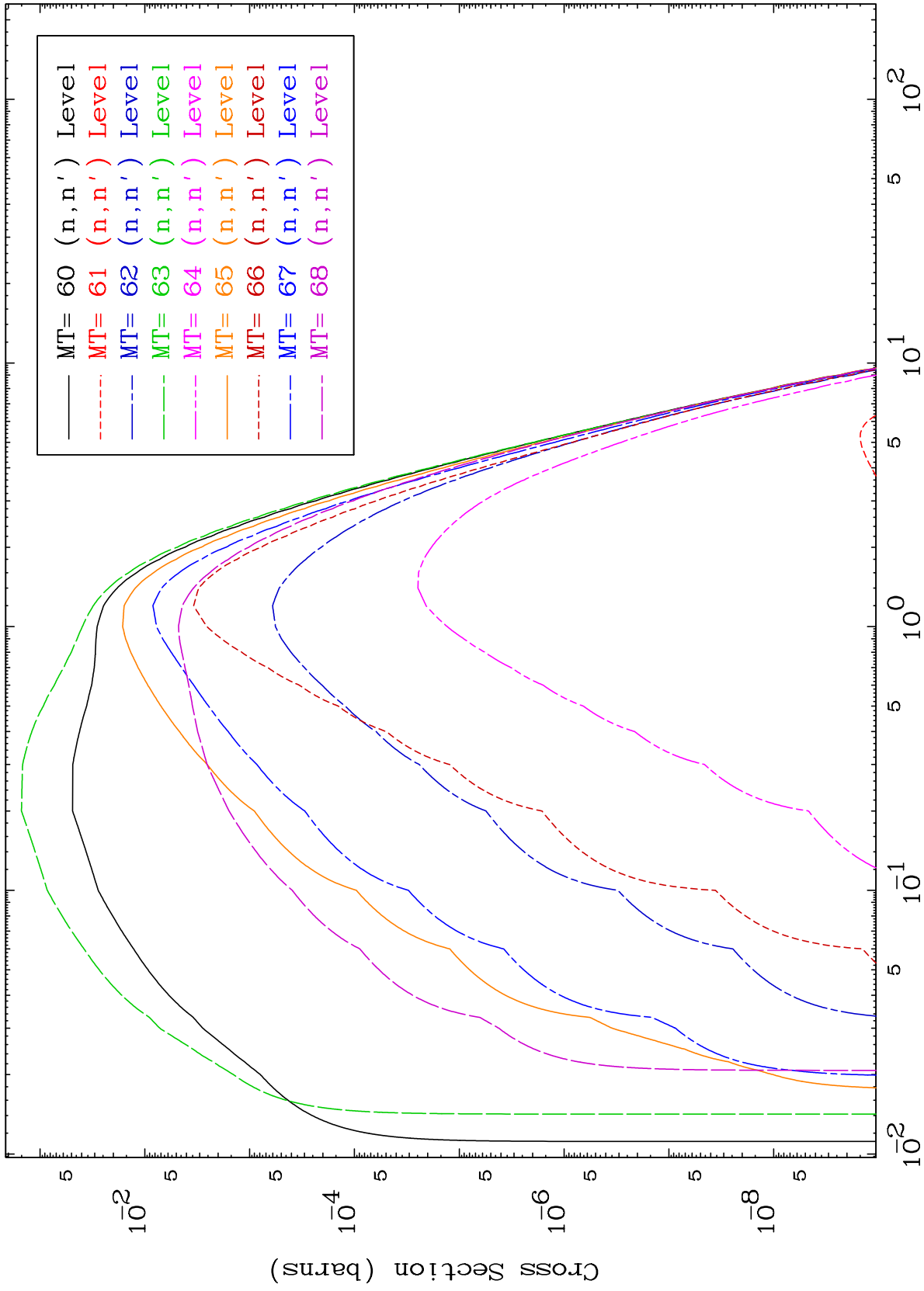
93-Np-240



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(n,n') Level  
293 Kelvin Cross Sections

93-Np-240



9

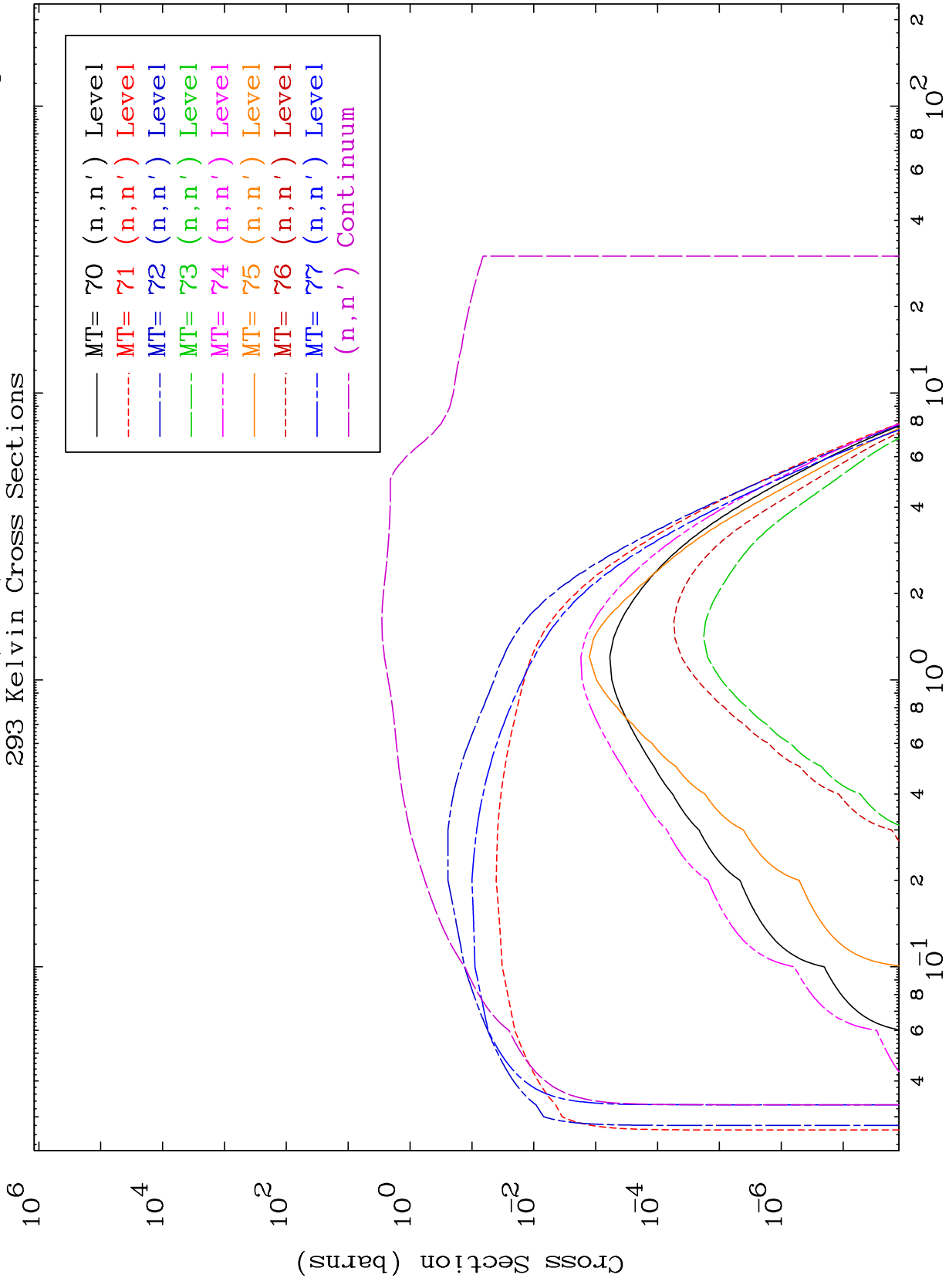
Incident Energy (MeV)

93-Np-240

MAT 9356

(n,n') Level  
293 Kelvin Cross Sections

93-Np-240



10

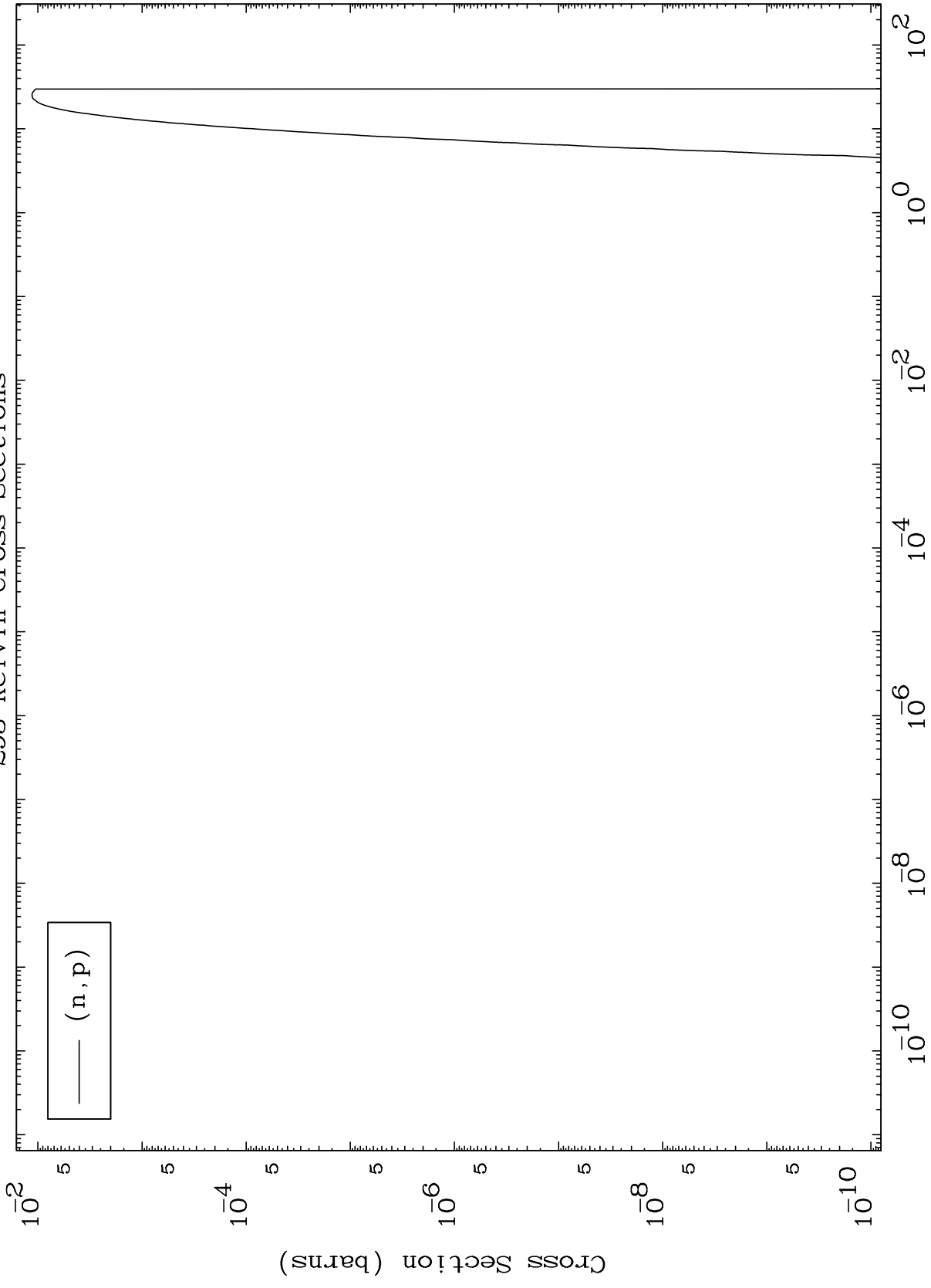
Incident Energy (MeV)

93-Np-240

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(n,p) Levels  
293 Kelvin Cross Sections

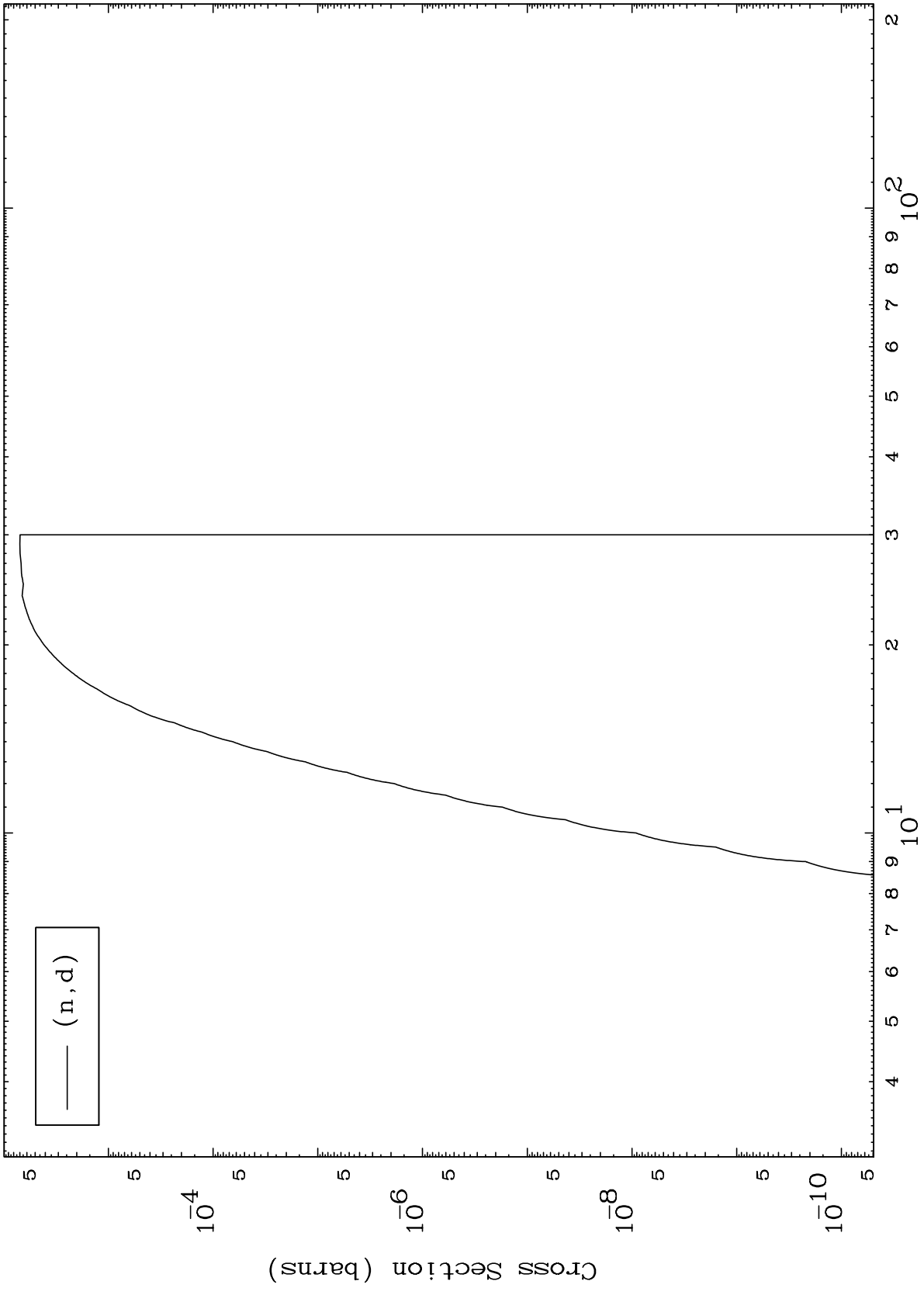
93-Np-240



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(n,d) Levels  
293 Kelvin Cross Sections

93-Np-240



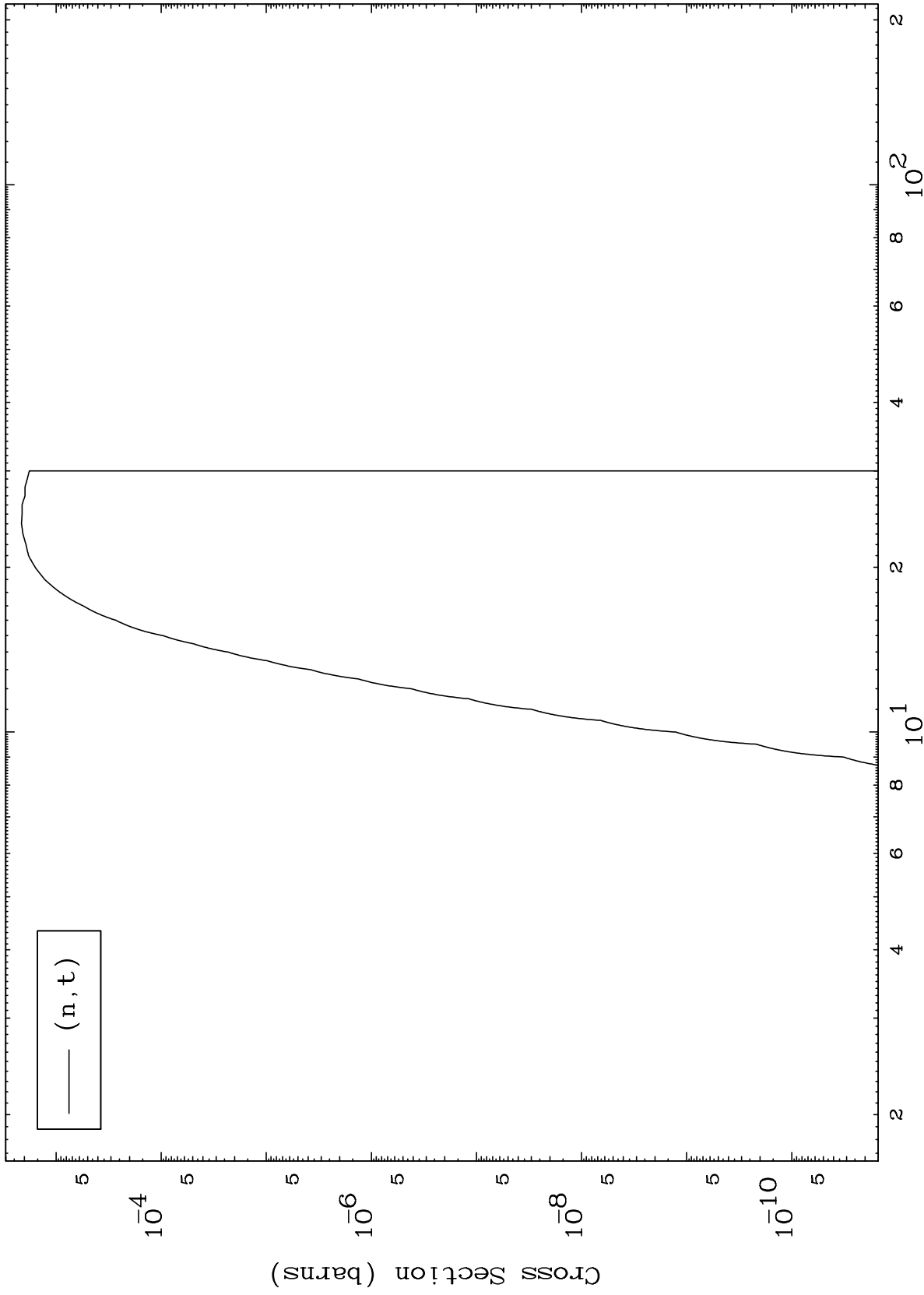
12

93-Np-240

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(n,t) Levels  
293 Kelvin Cross Sections

93-Np-240



13

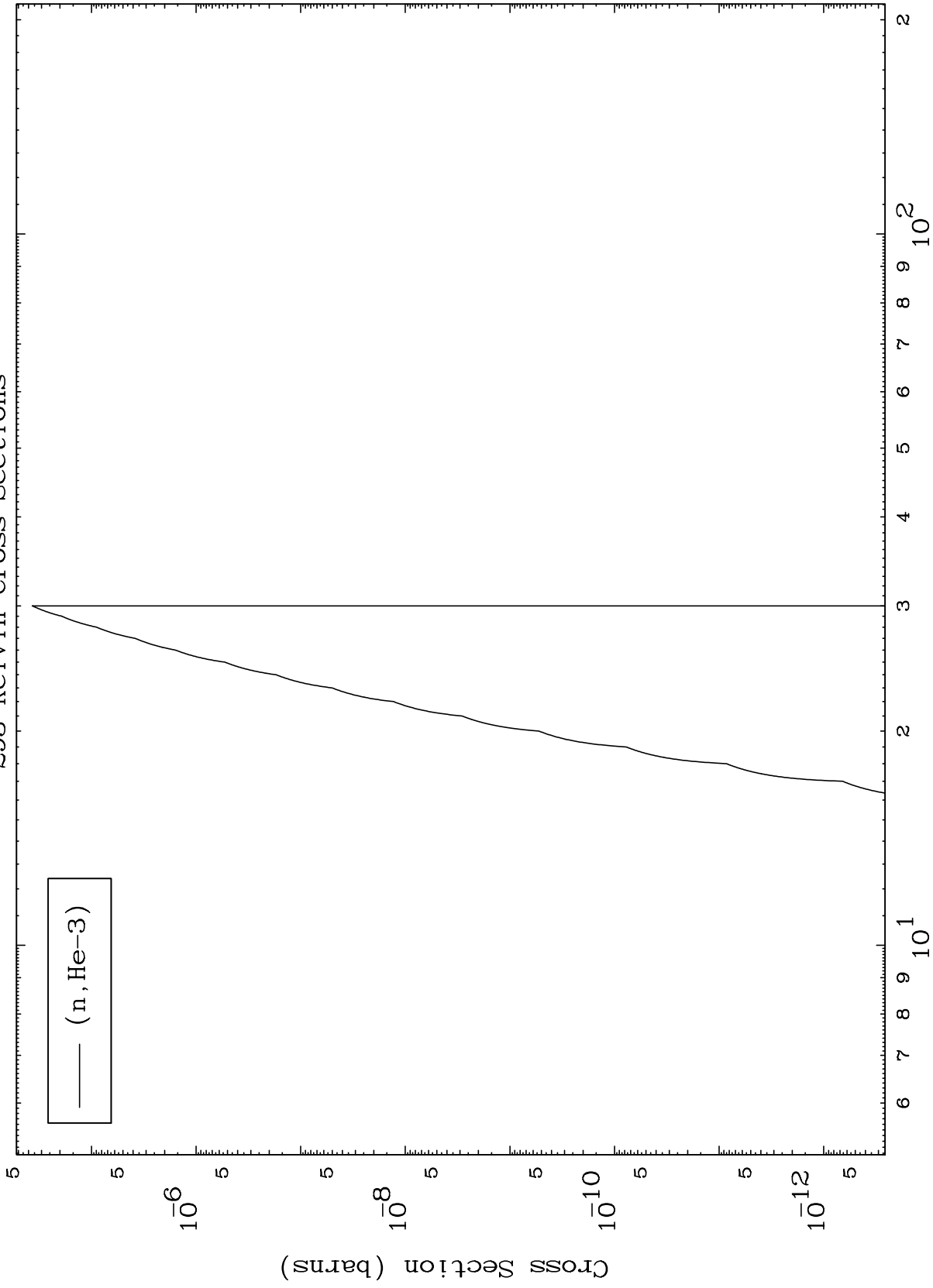
Incident Energy (MeV)

93-Np-240

MAT 9356

(n,He3) Levels  
293 Kelvin Cross Sections

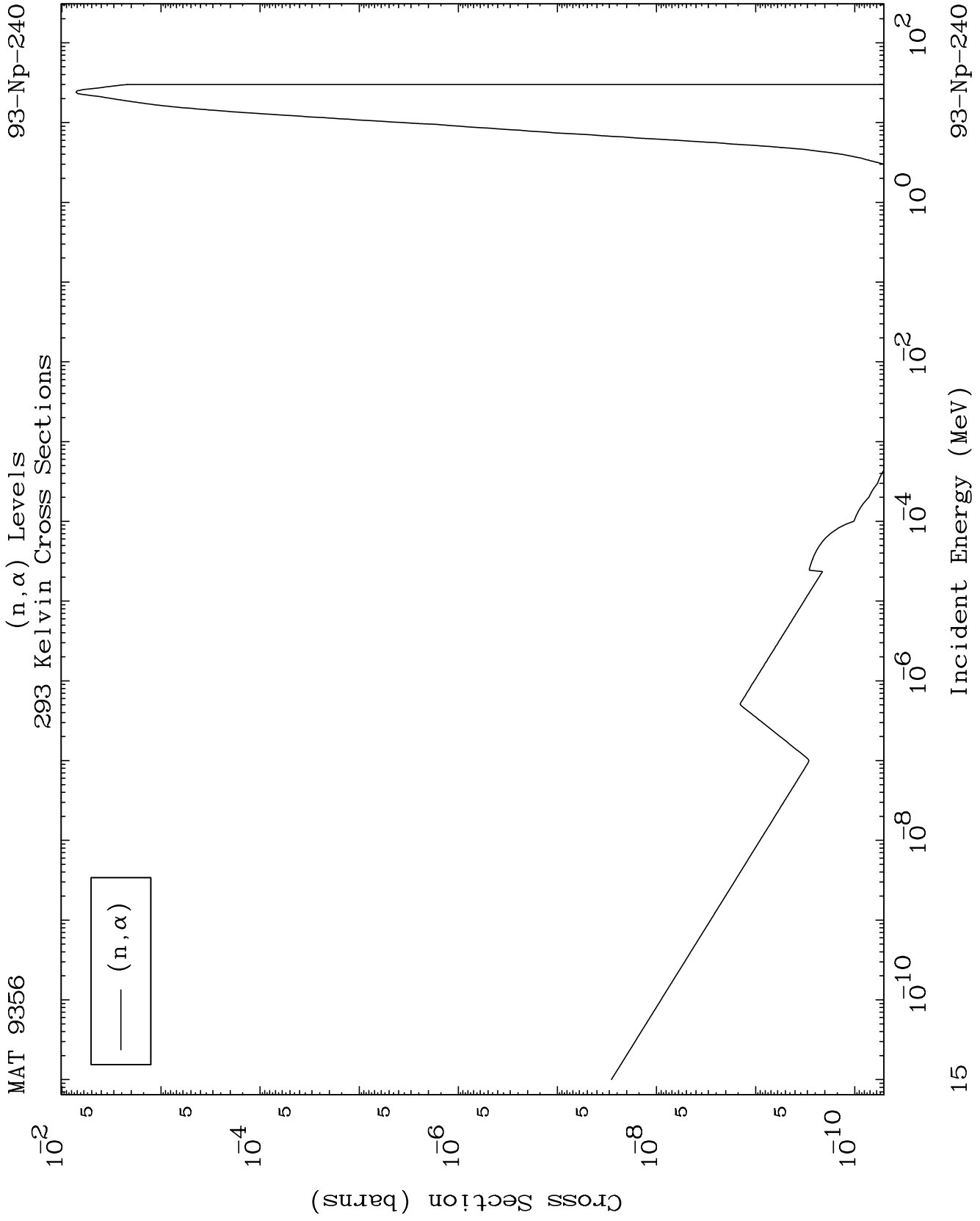
93-Np-240



14

Incident Energy (MeV)

93-Np-240

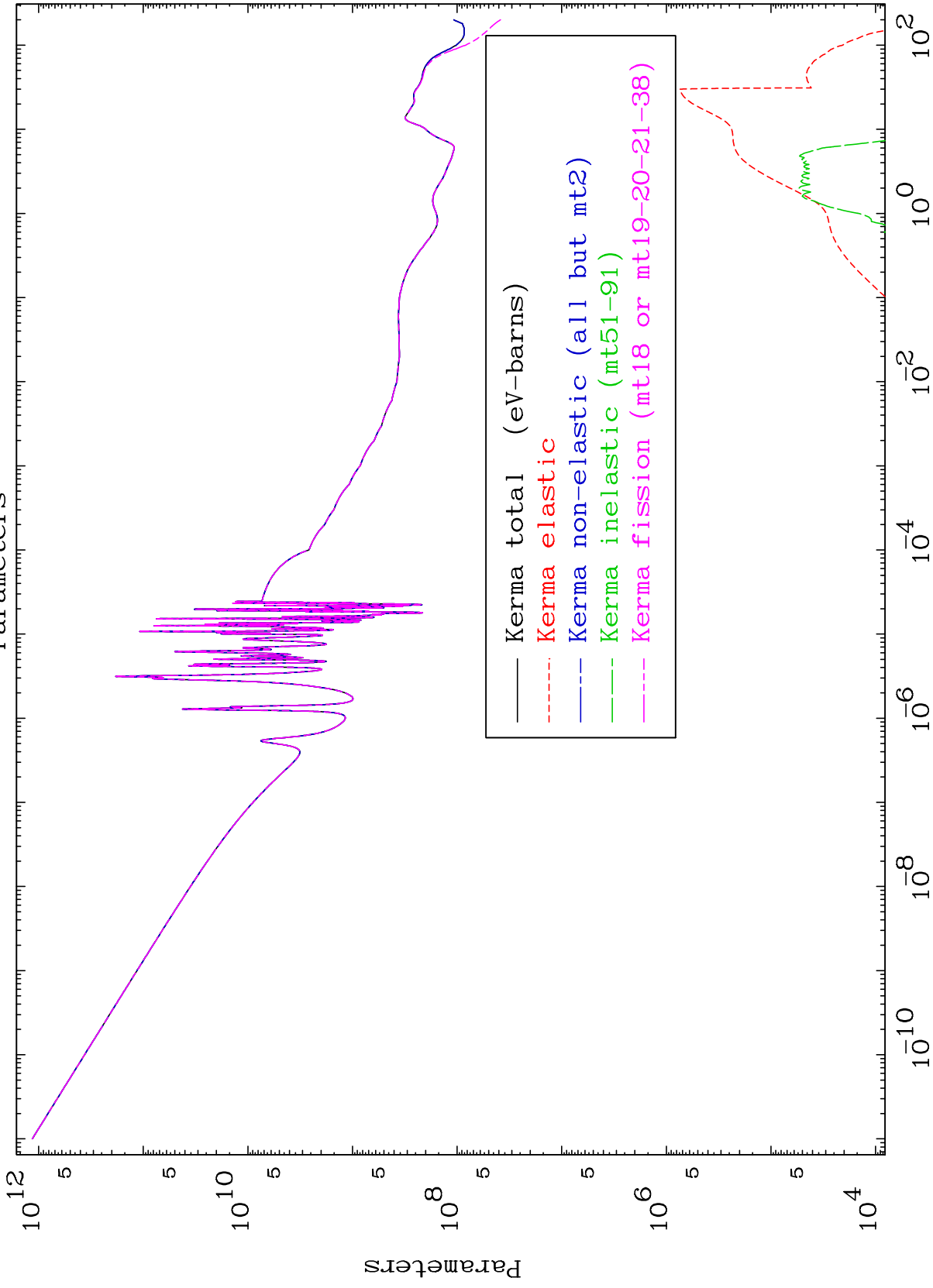




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Energy Release  
Parameters

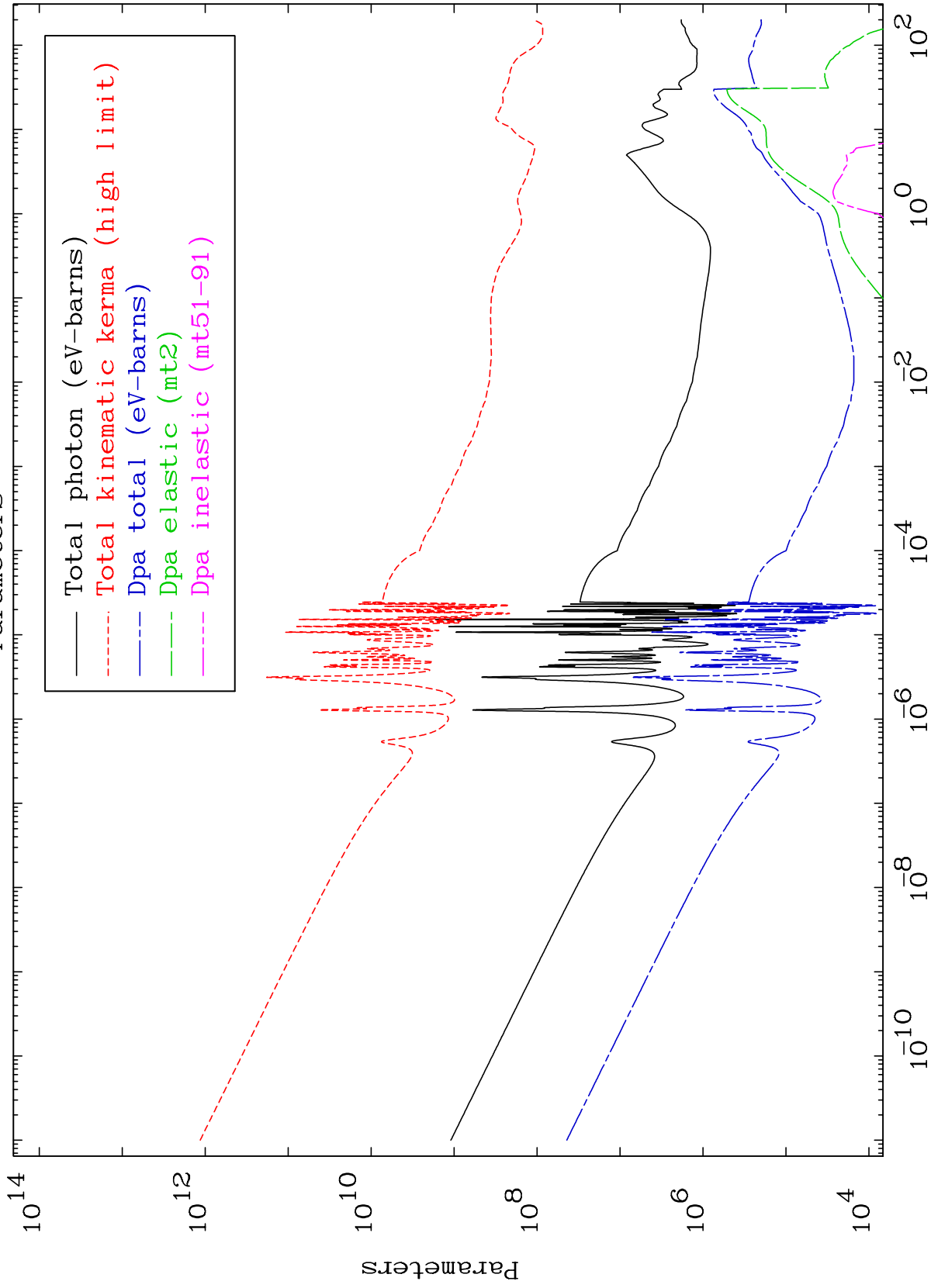
93-Np-240



16

Incident Energy (MeV)

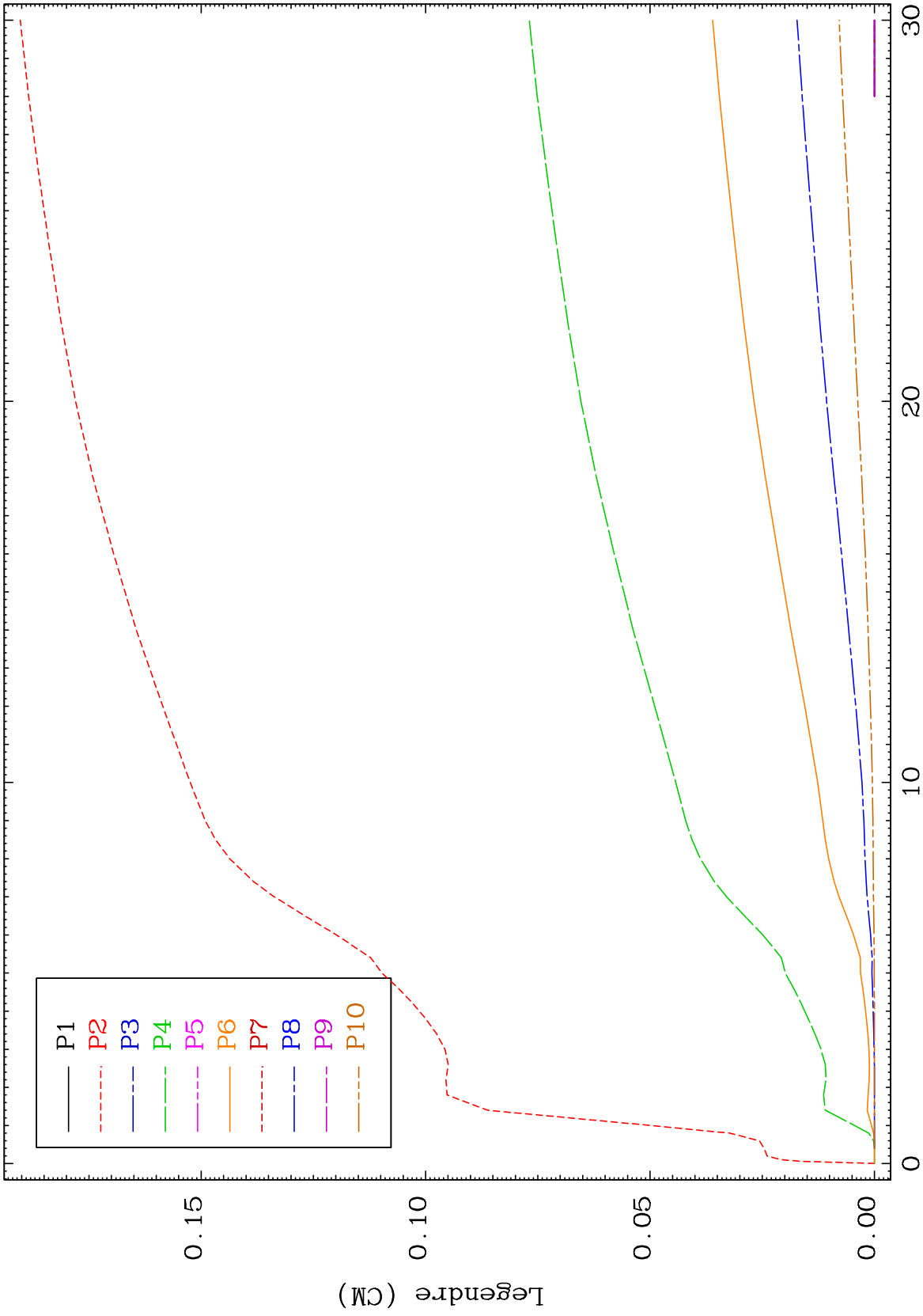
93-Np-240



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Elastic Legendre Coefficients

93-Np-240



18

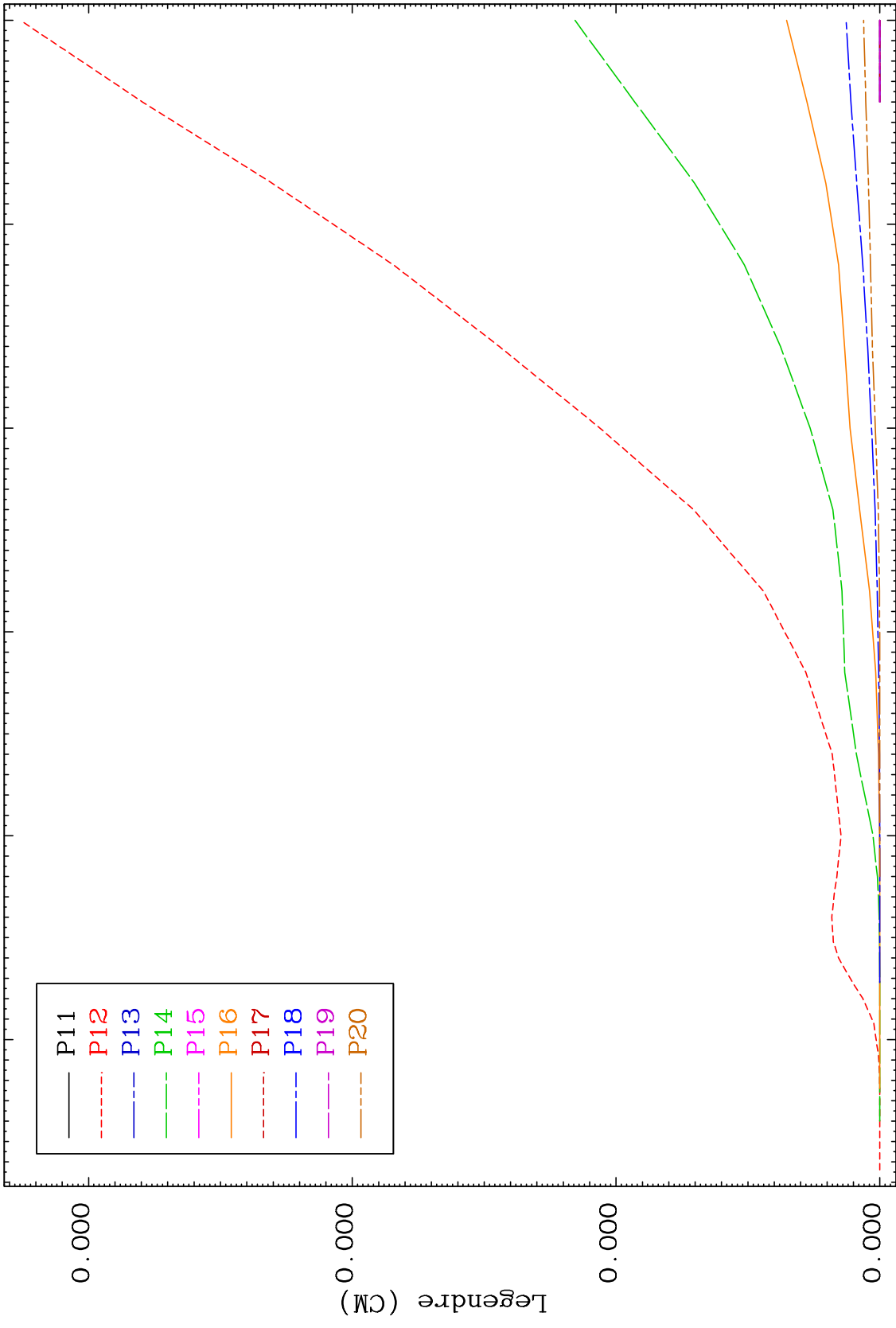
Incident Energy (MeV)

93-Np-240

MAT 9356

Elastic Legendre Coefficients

93-Np-240



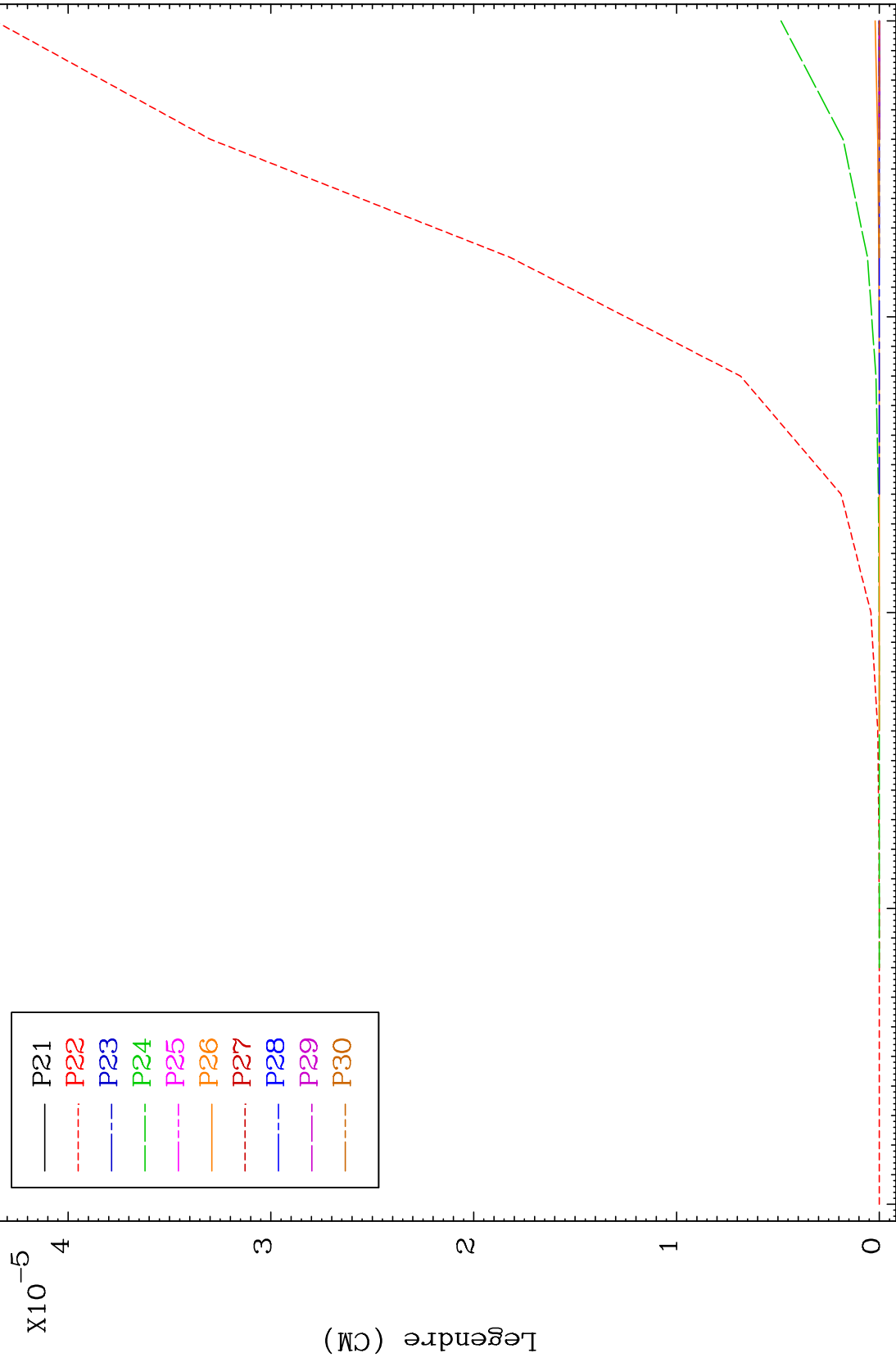
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93-Np-240

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Elastic Legendre Coefficients

93-Np-240



20

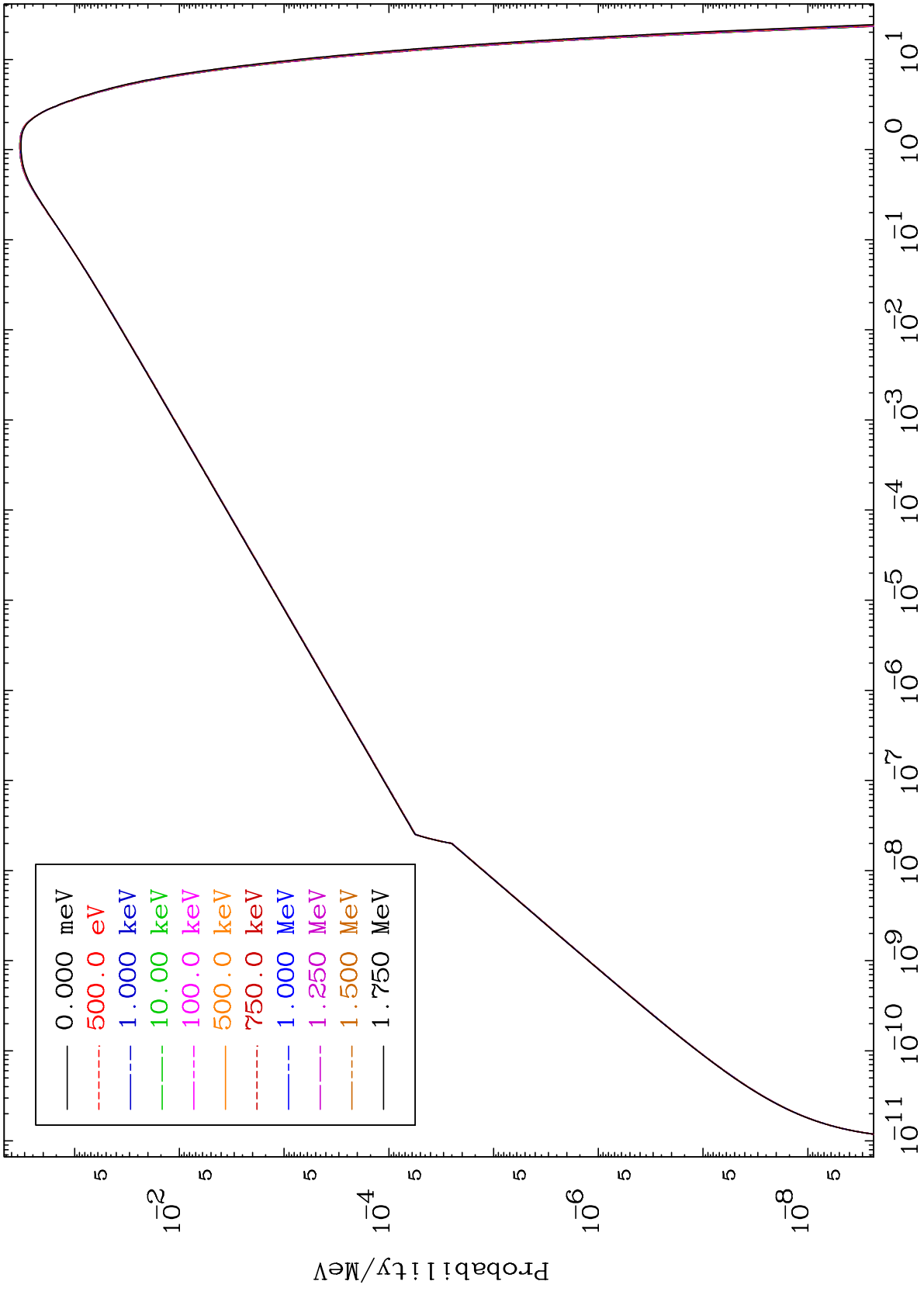
Incident Energy (MeV)

93-Np-240

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### Fission Energy Distribution

93-Np-240

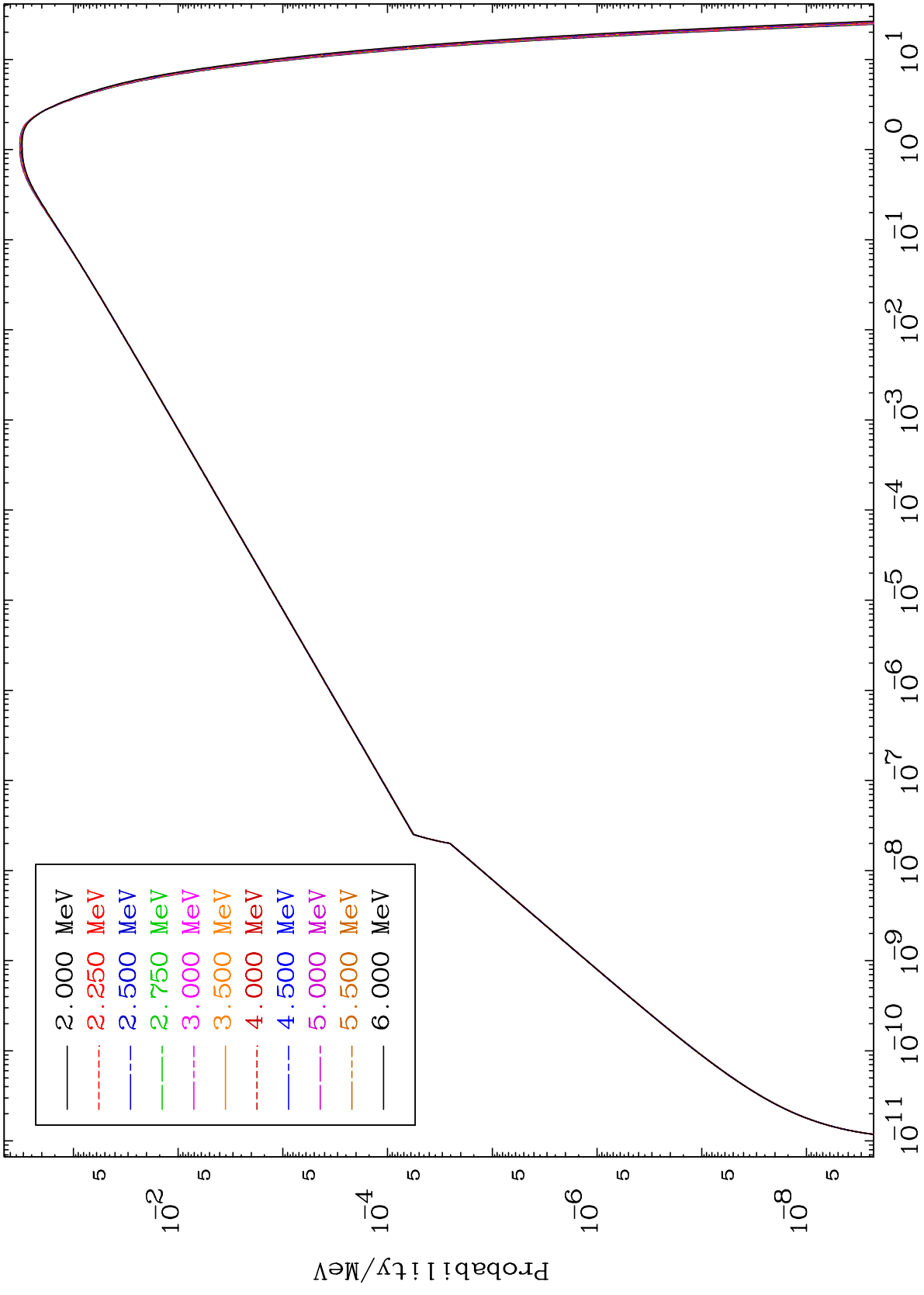


93-Np-240

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### Fission Energy Distribution

93-Np-240

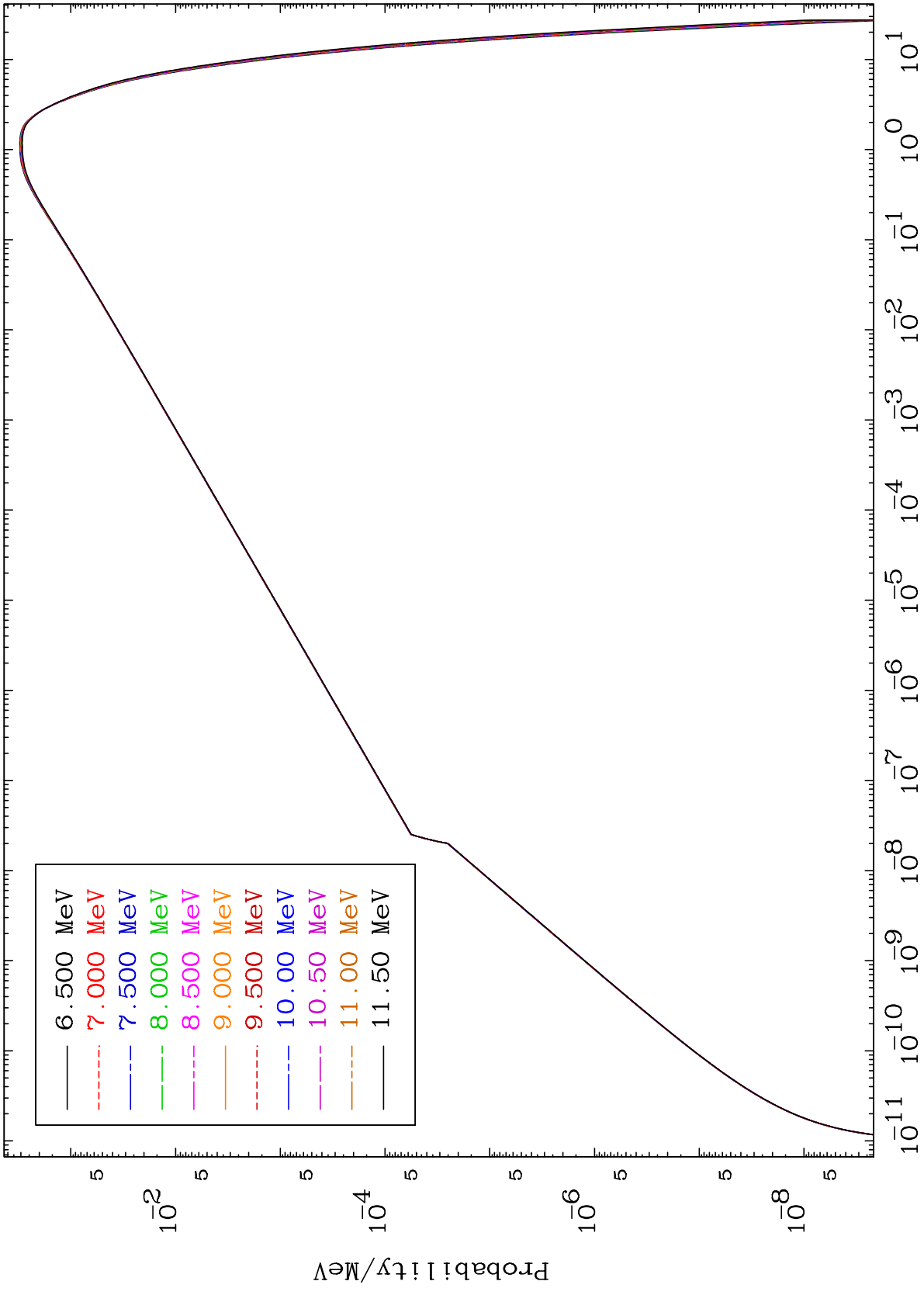


93-Np-240

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### Fission Energy Distribution

93-Np-240



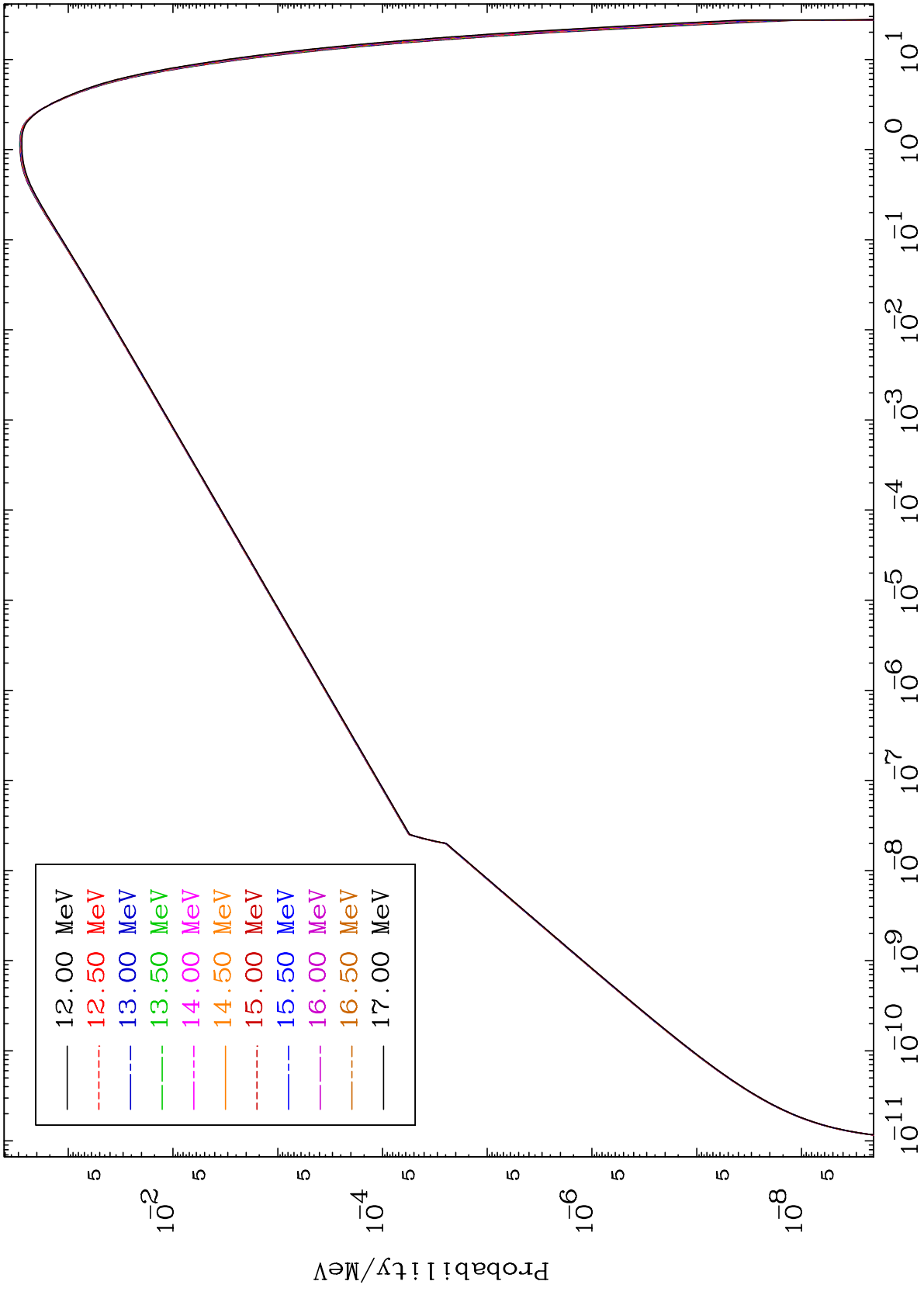
93-Np-240



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# Fission Energy Distribution

93-Np-240



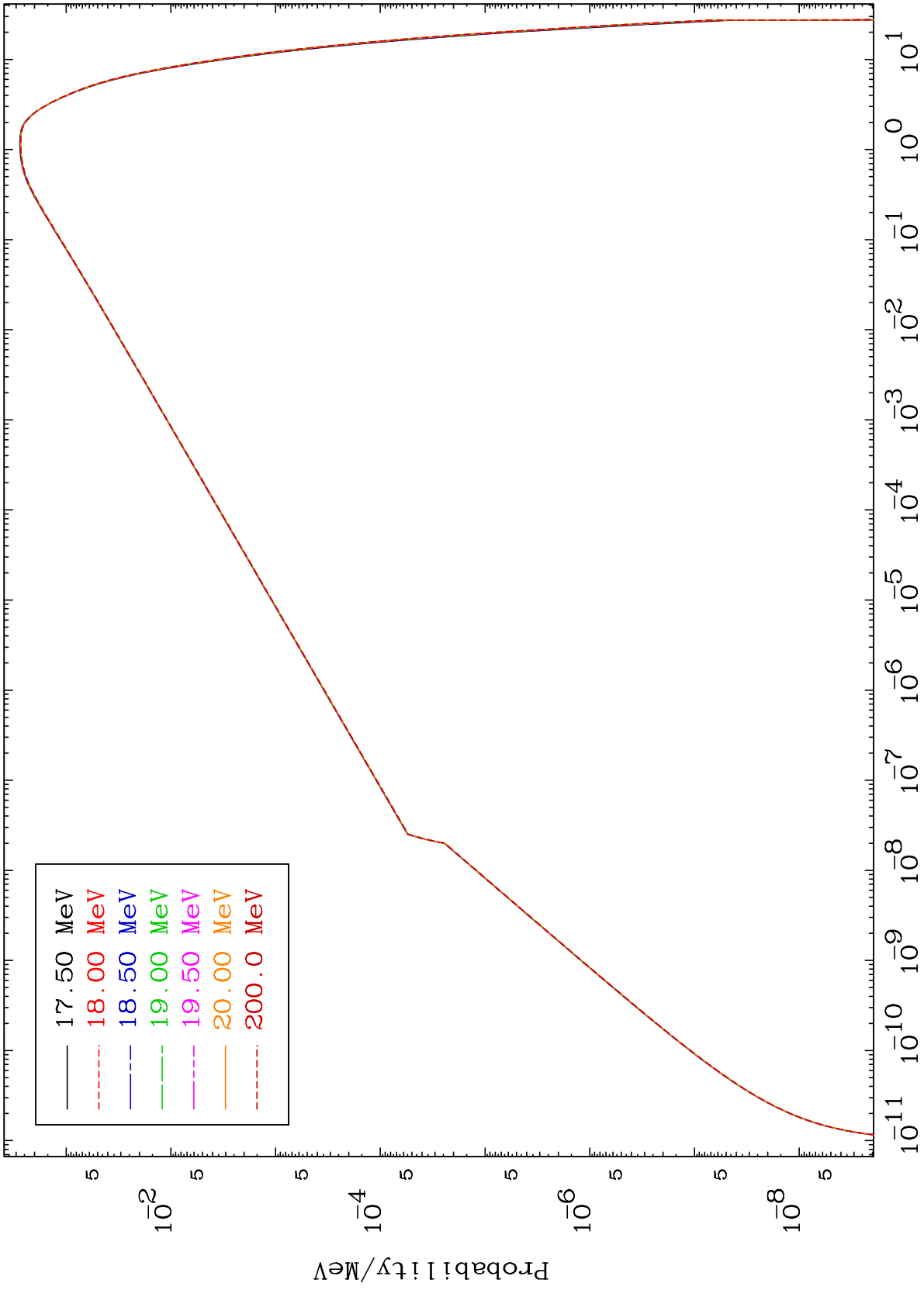
93-Np-240

Secondary Energy (MeV)

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### Fission Energy Distribution

93-Np-240



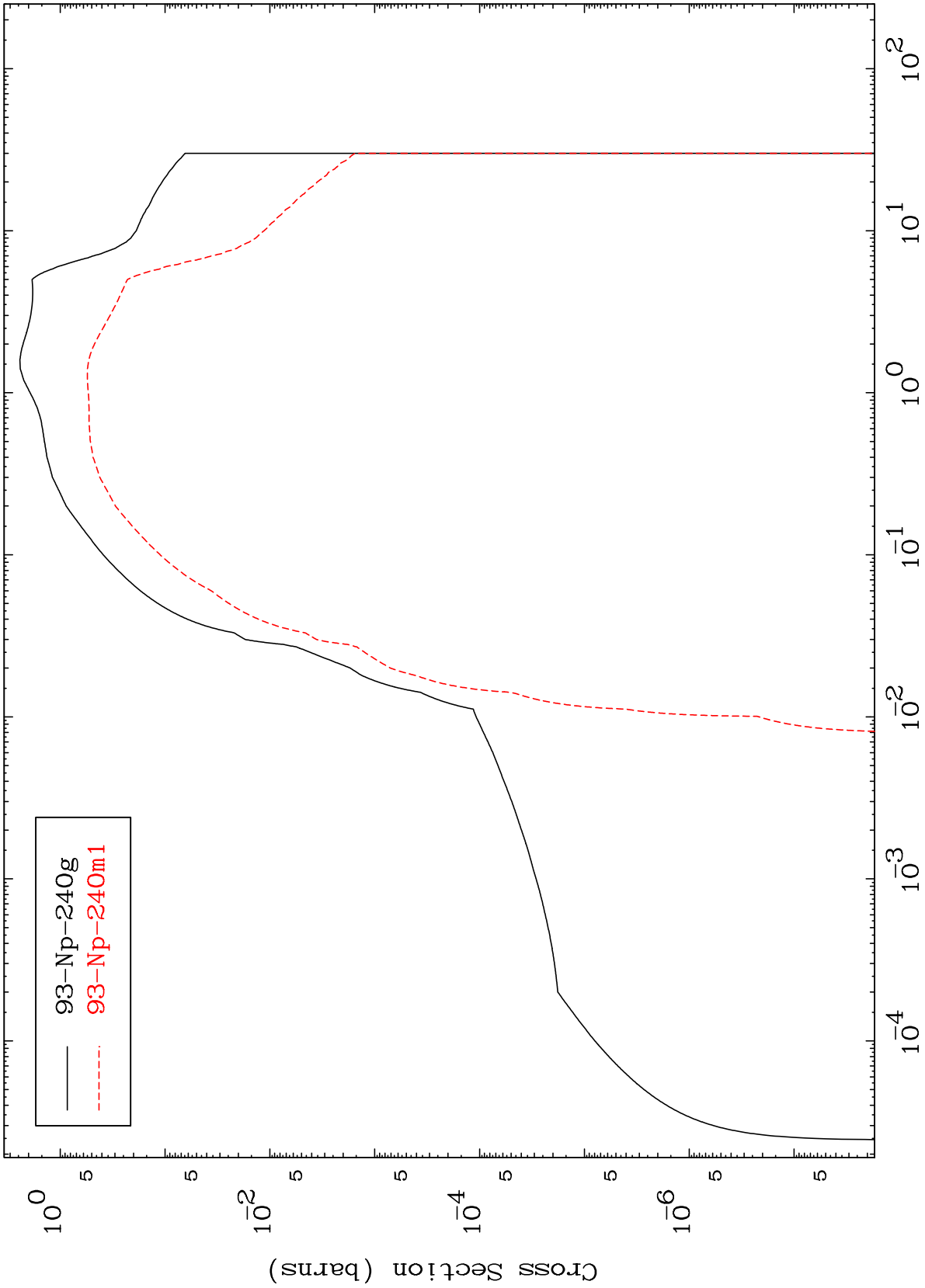
25

93-Np-240

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93-Np-240

Inelastic  
Radionuclide Production Cross Section



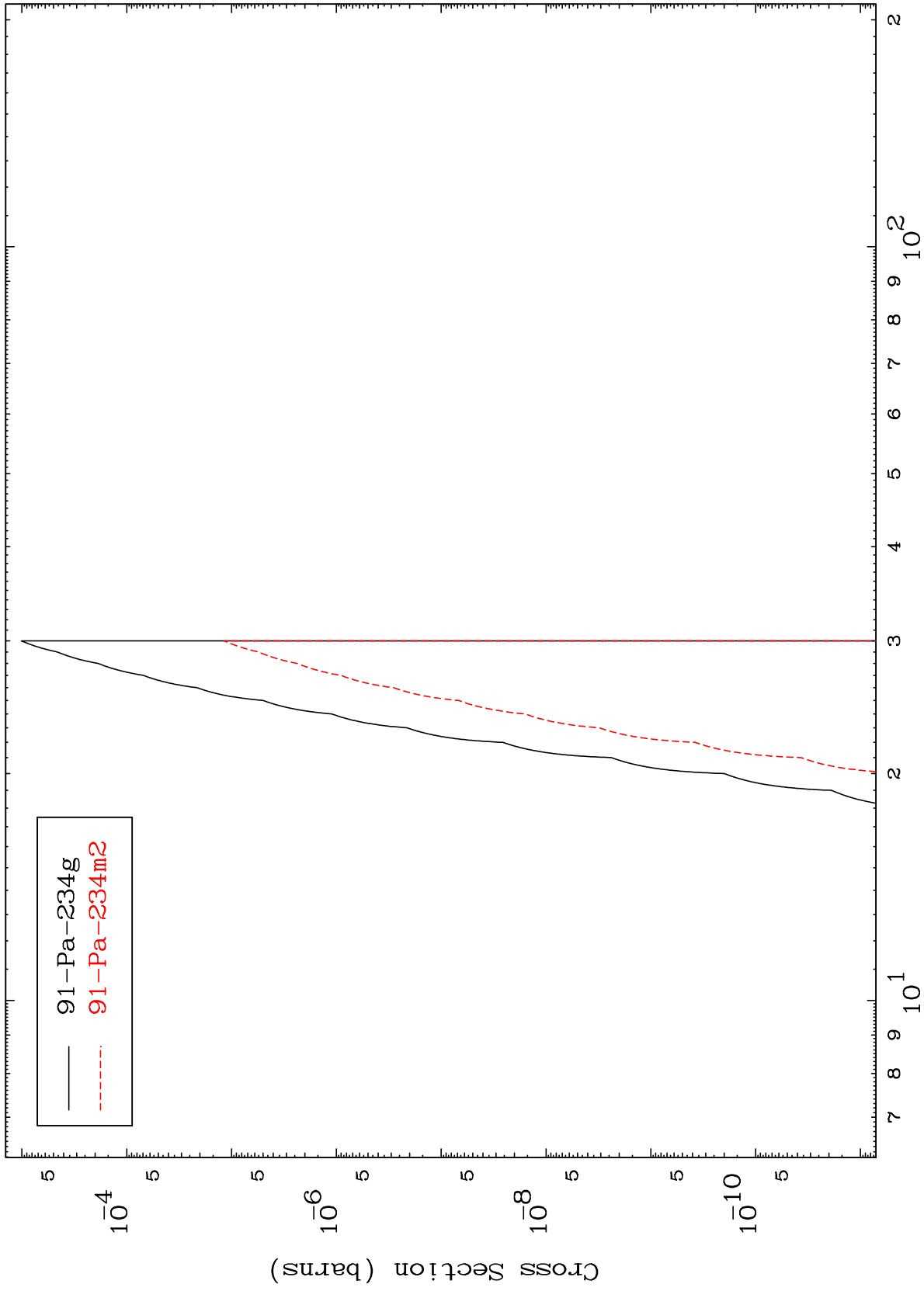
— 93-Np-240g  
- - - 93-Np-240m1

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(n,3n)  $\alpha$

93-Np-240

Radionuclide Production Cross Section



27

Incident Energy (MeV)

93-Np-240