

Program EVALPLOT  
(Version 2018-1)

by

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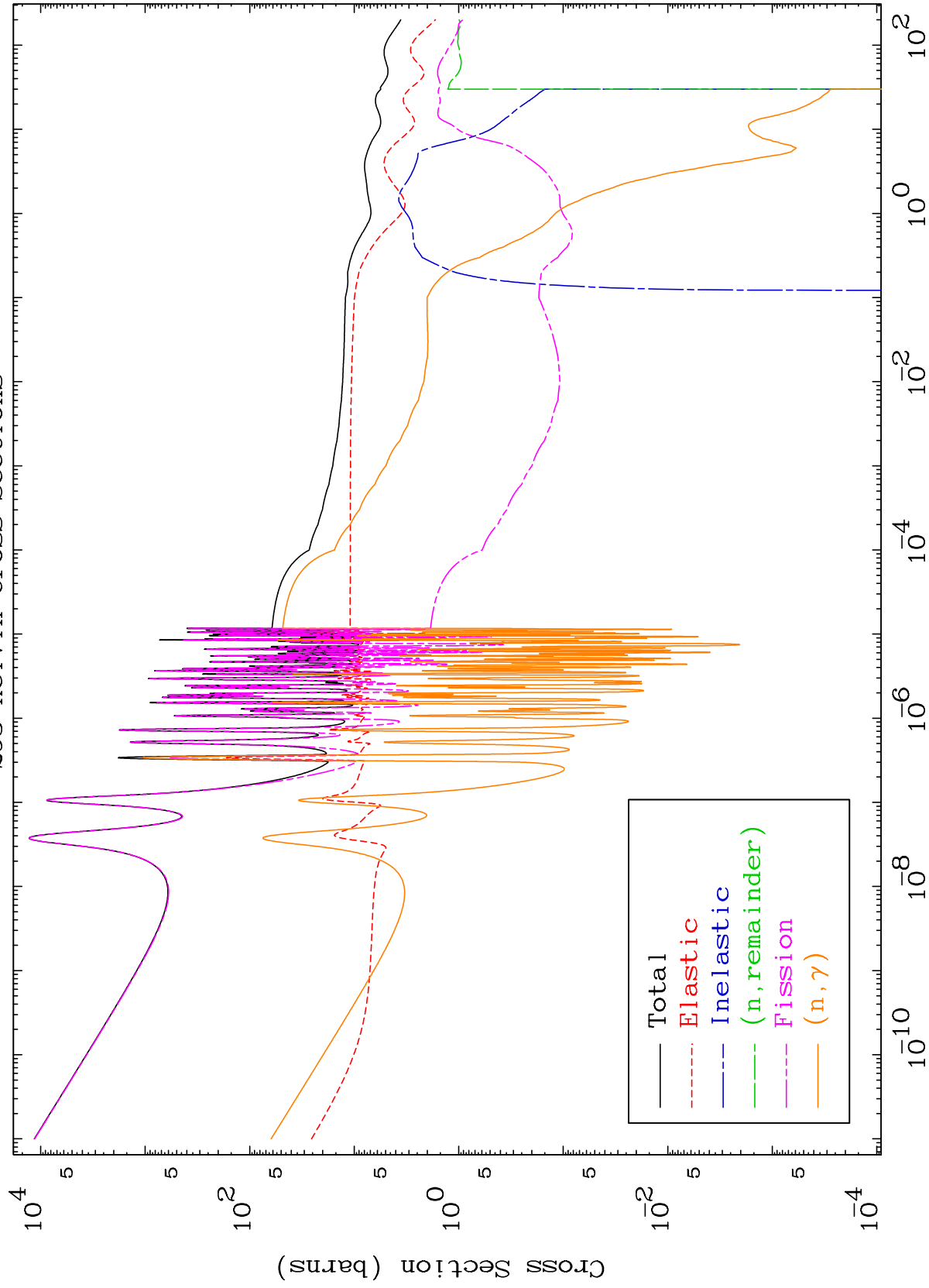
Press Mouse Button to Start

MAT 9355

Major

293 Kelvin Cross Sections

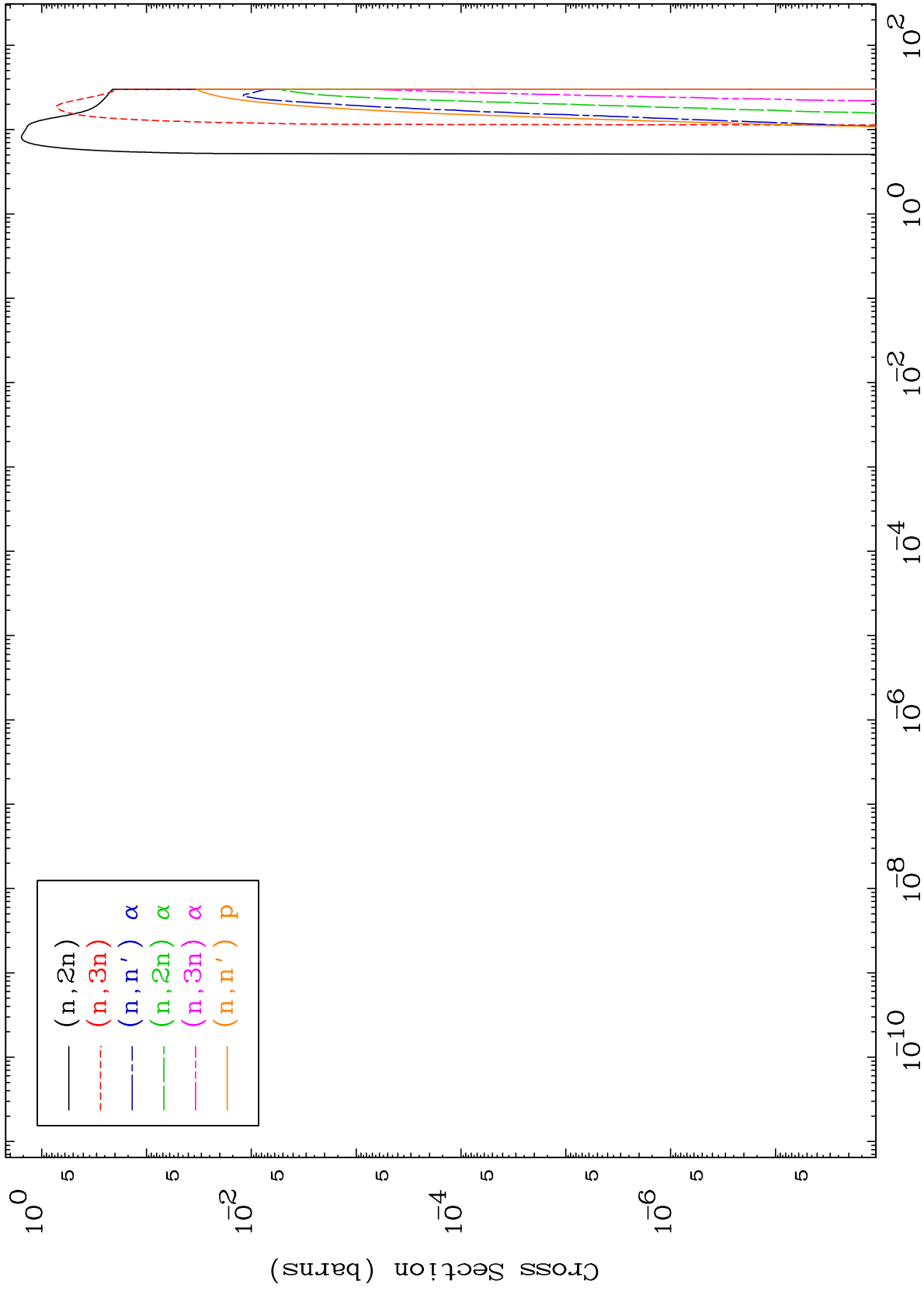
93-Np-240



MAT 9355

Neutron Production  
293 Kelvin Cross Sections

93-Np-240



2

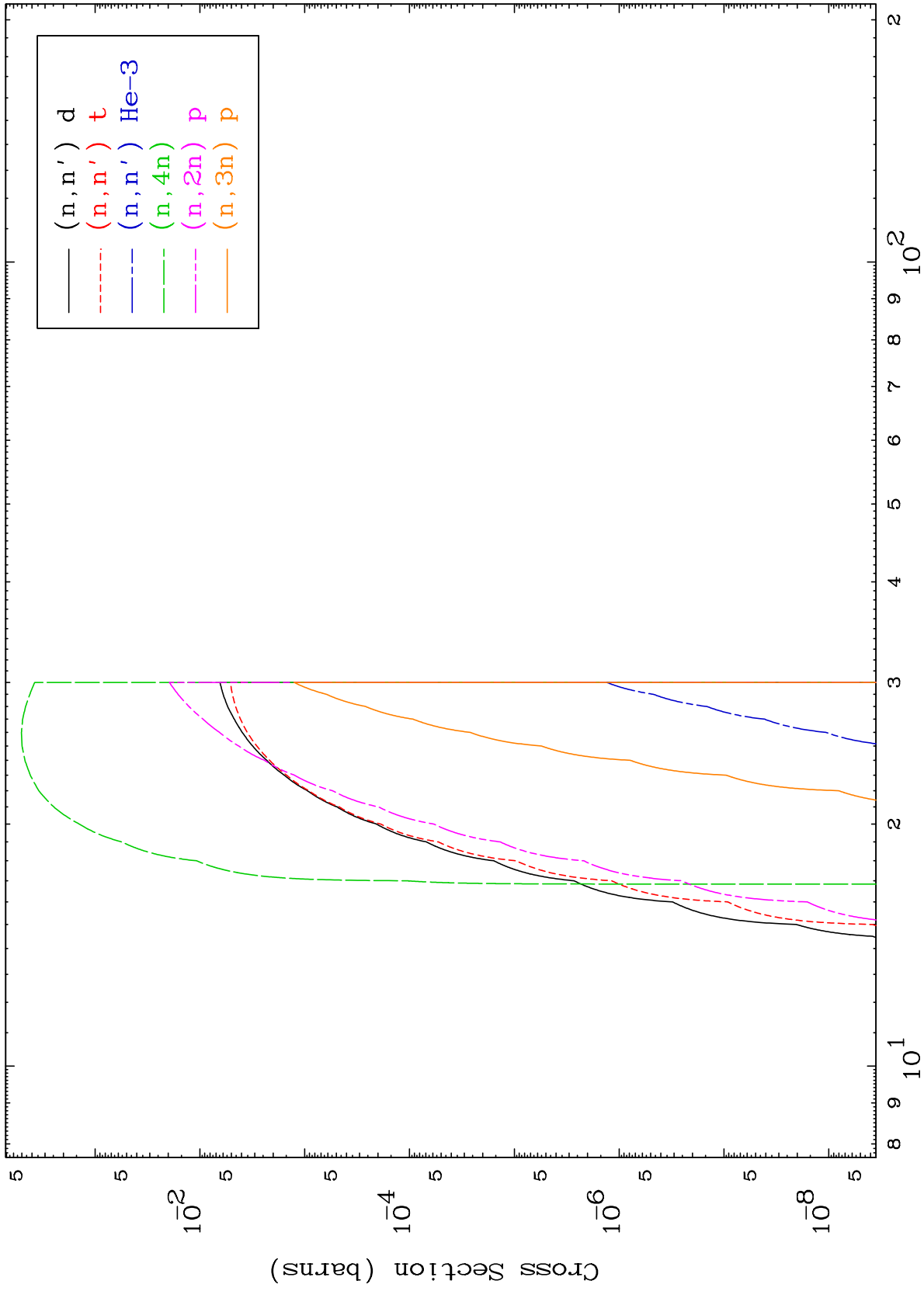
Incident Energy (MeV)

93-Np-240

MAT 9355

Neutron Production  
293 Kelvin Cross Sections

93-Np-240



3

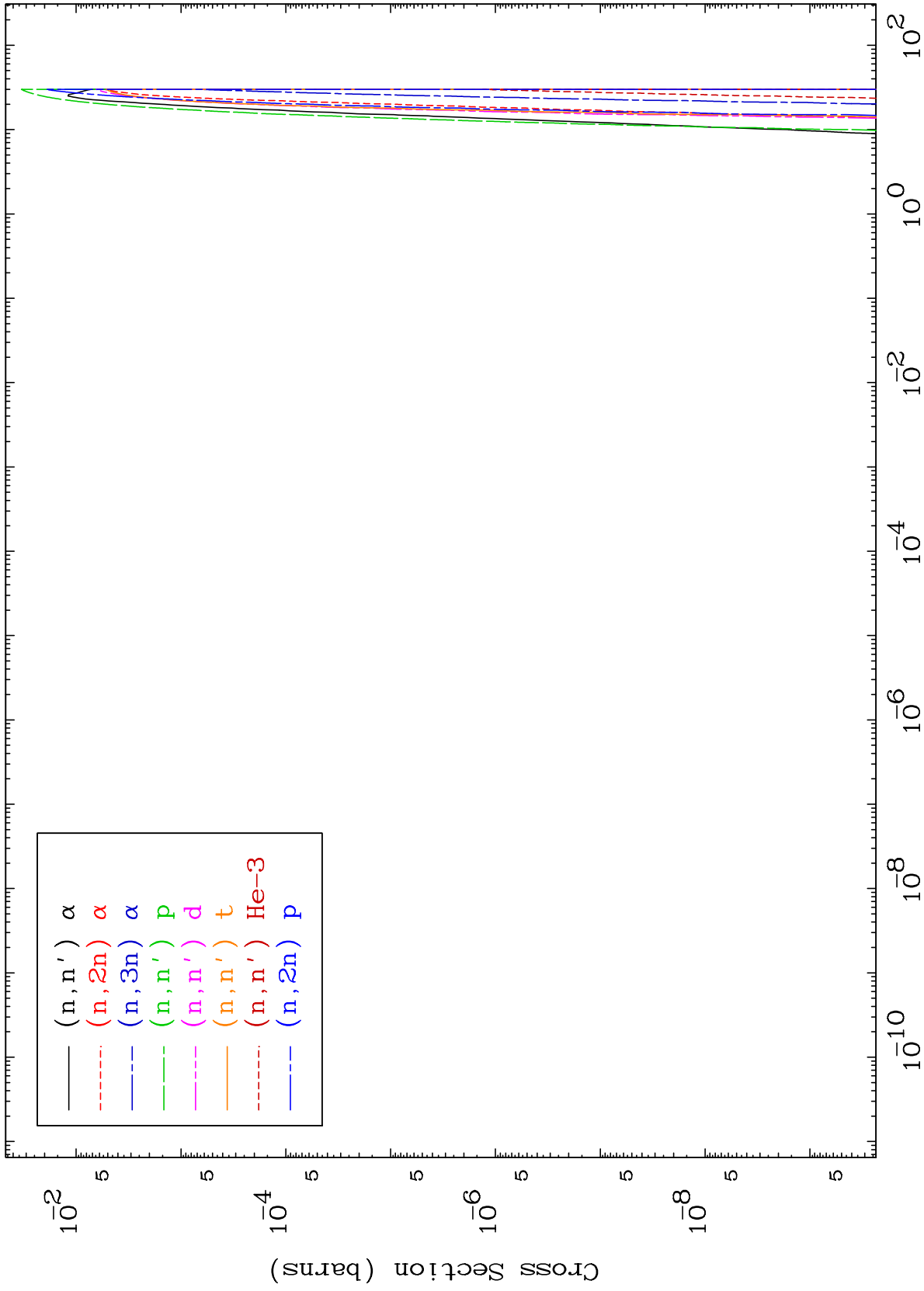
Incident Energy (MeV)

93-Np-240

MAT 9355

Charged Particle  
293 Kelvin Cross Sections

93-Np-240

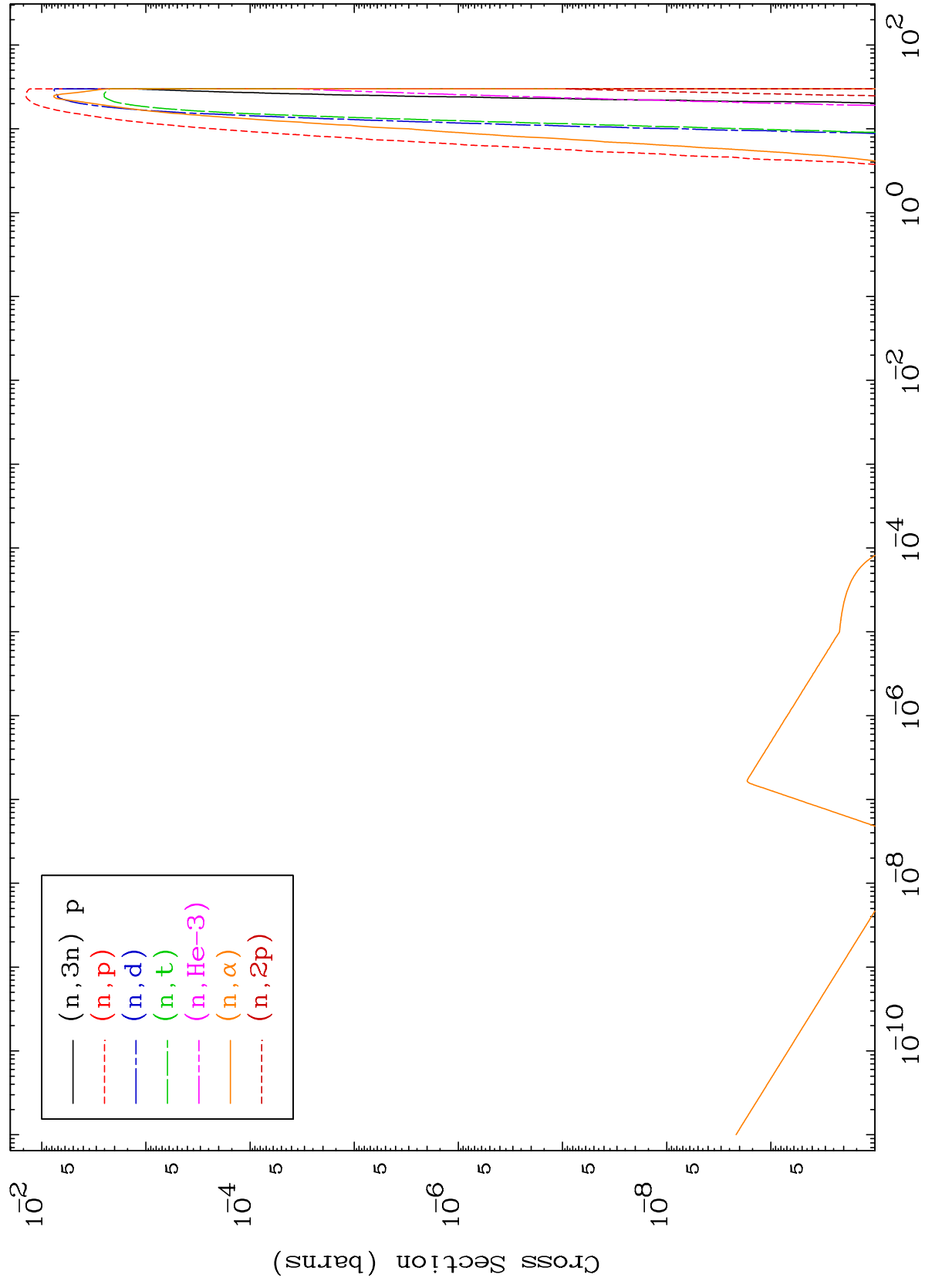


93-Np-240

MAT 9355

Charged Particle  
293 Kelvin Cross Sections

93-Np-240



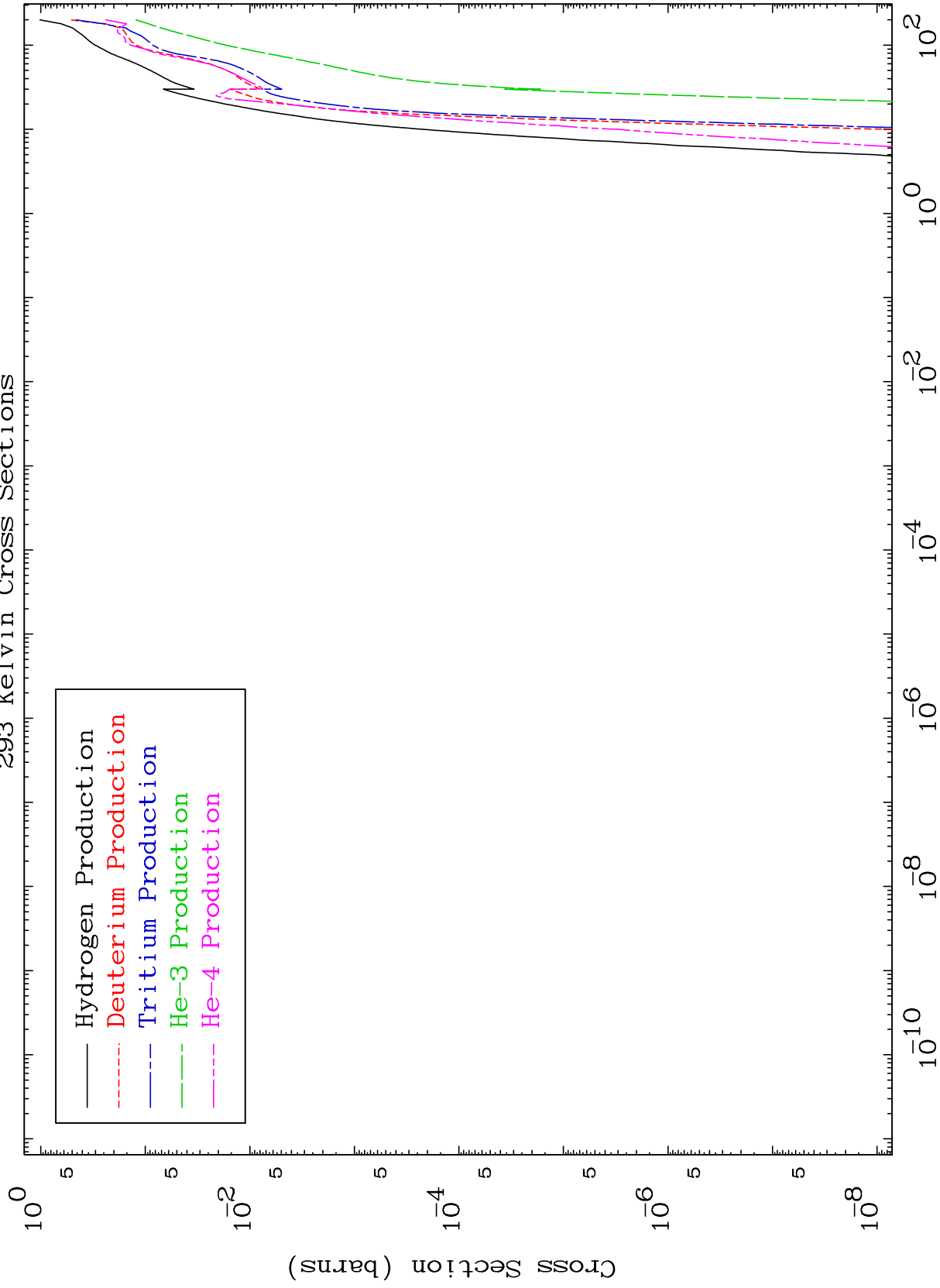
5

93-Np-240

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Particle Production  
293 Kelvin Cross Sections

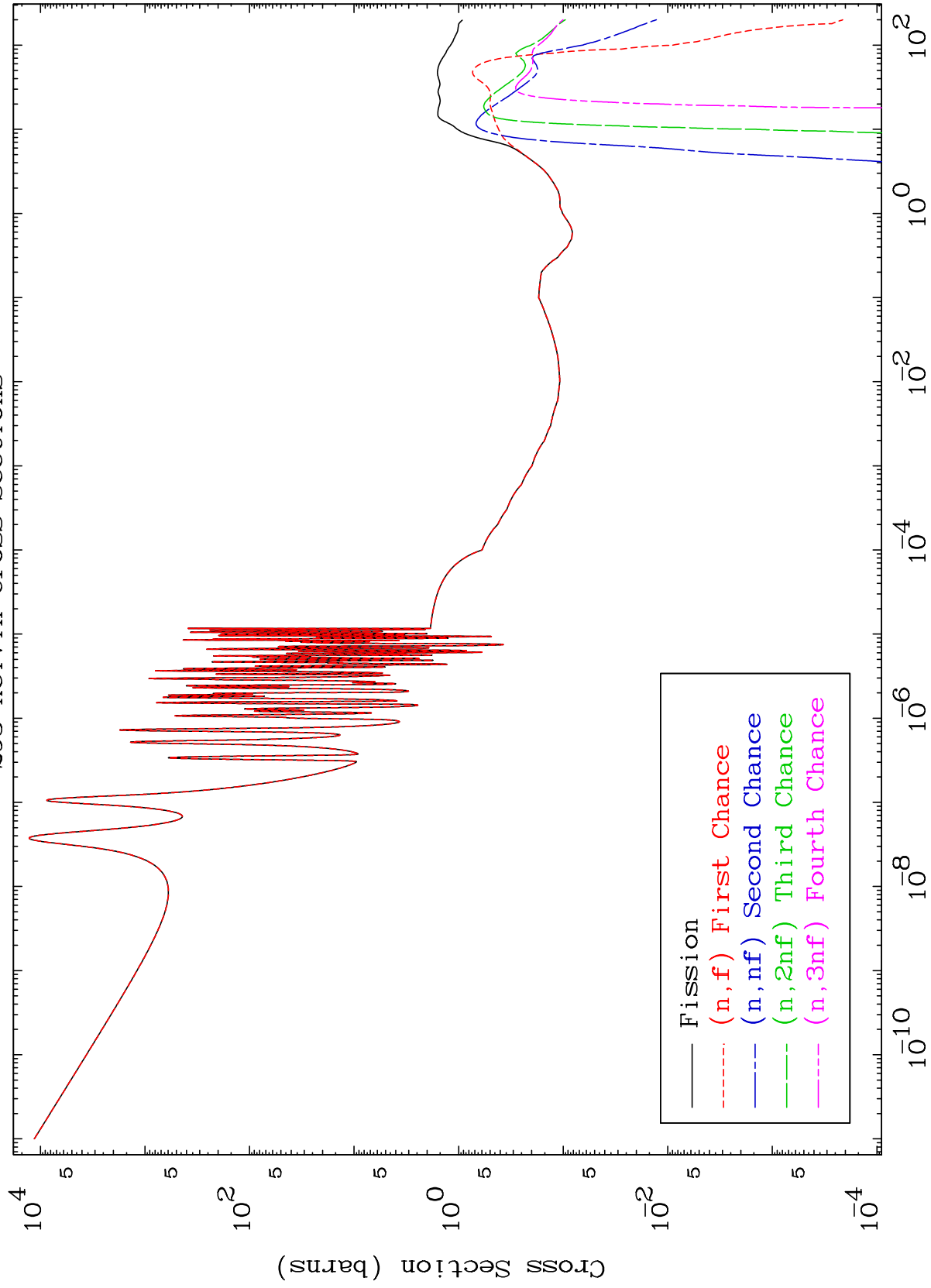
93-Np-240



MAT 9355

Fission  
293 Kelvin Cross Sections

93-Np-240

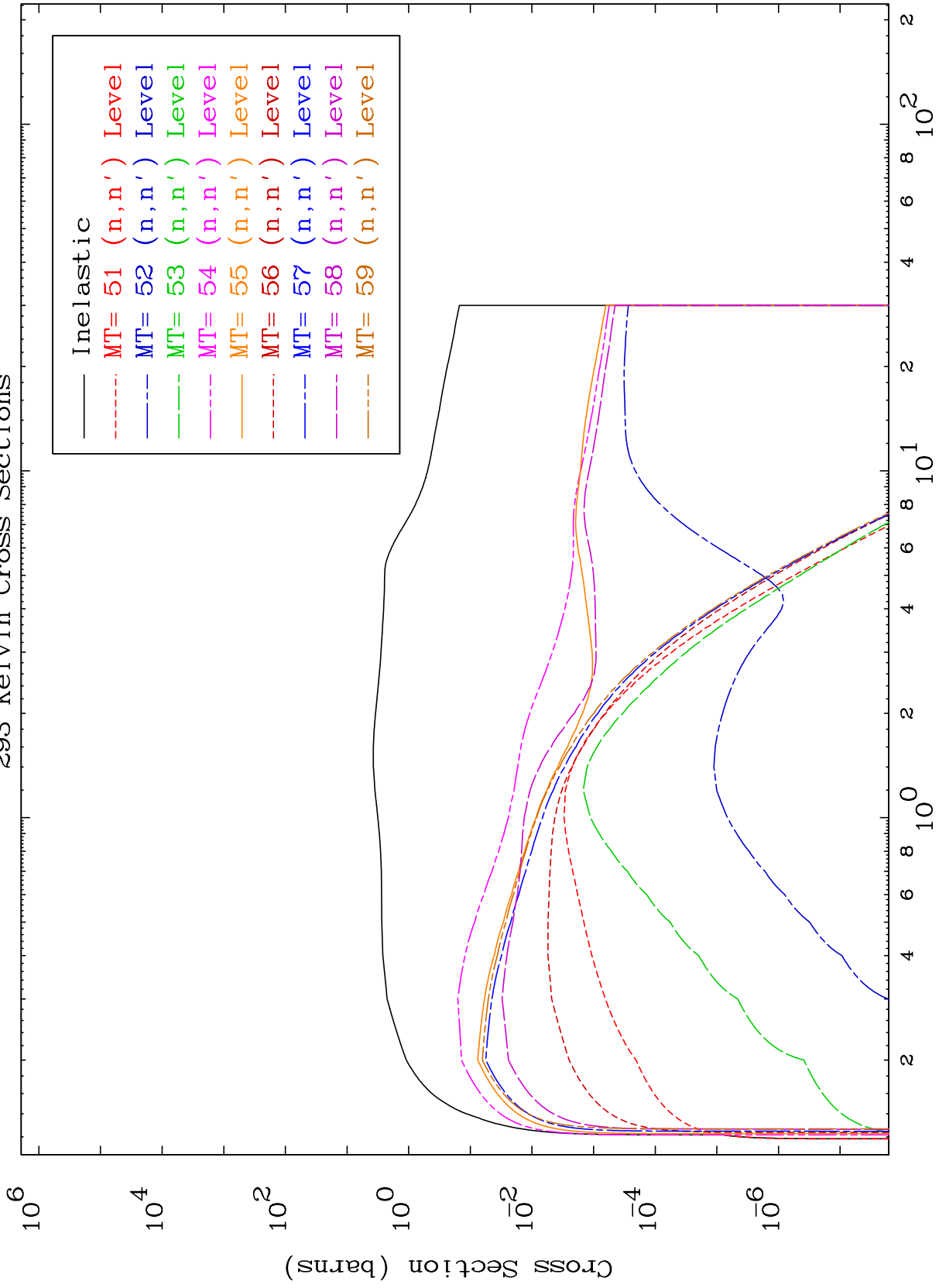




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(n,n') Level  
293 Kelvin Cross Sections

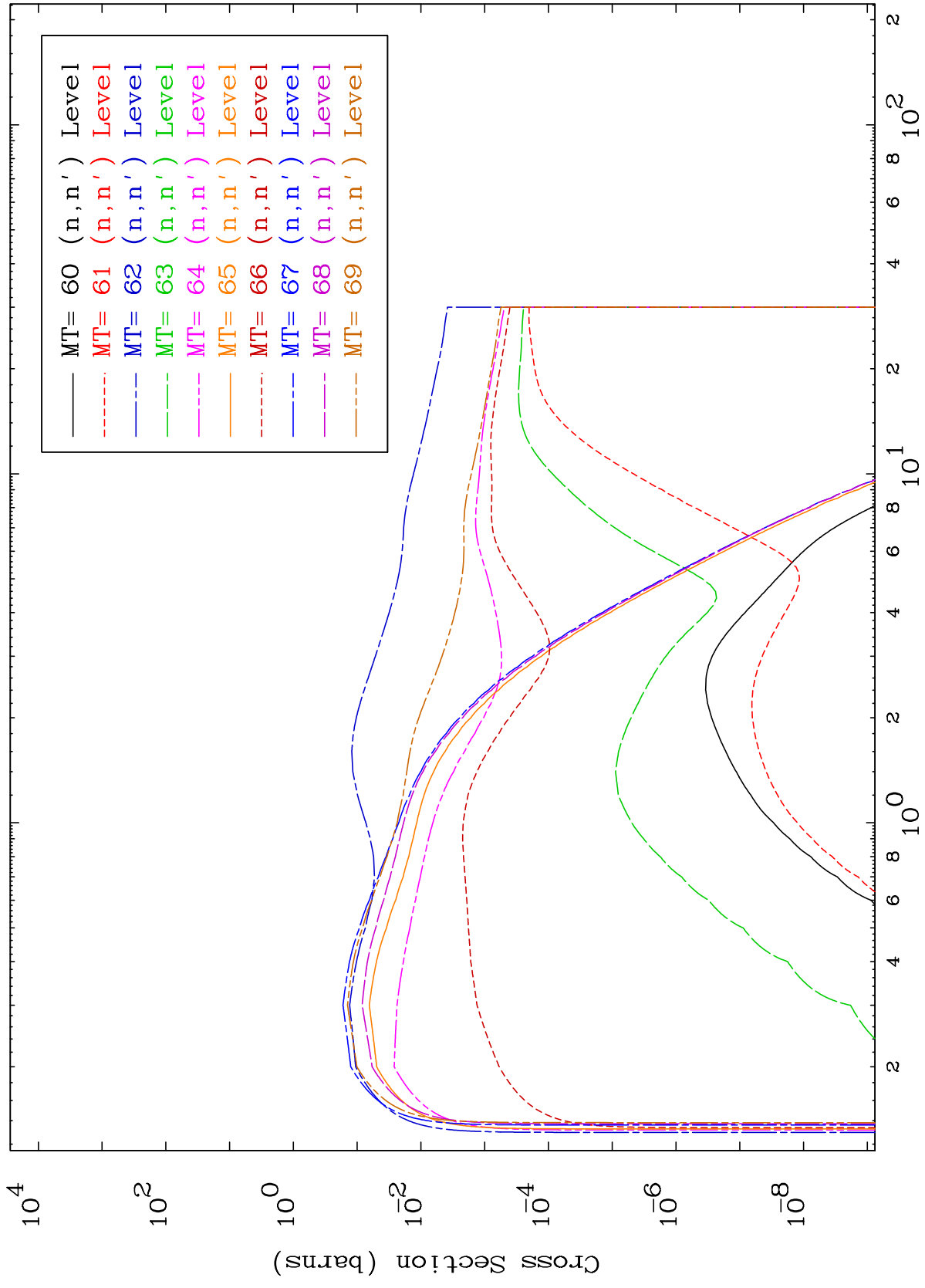
93-Np-240



MAT 9355

(n,n') Level  
293 Kelvin Cross Sections

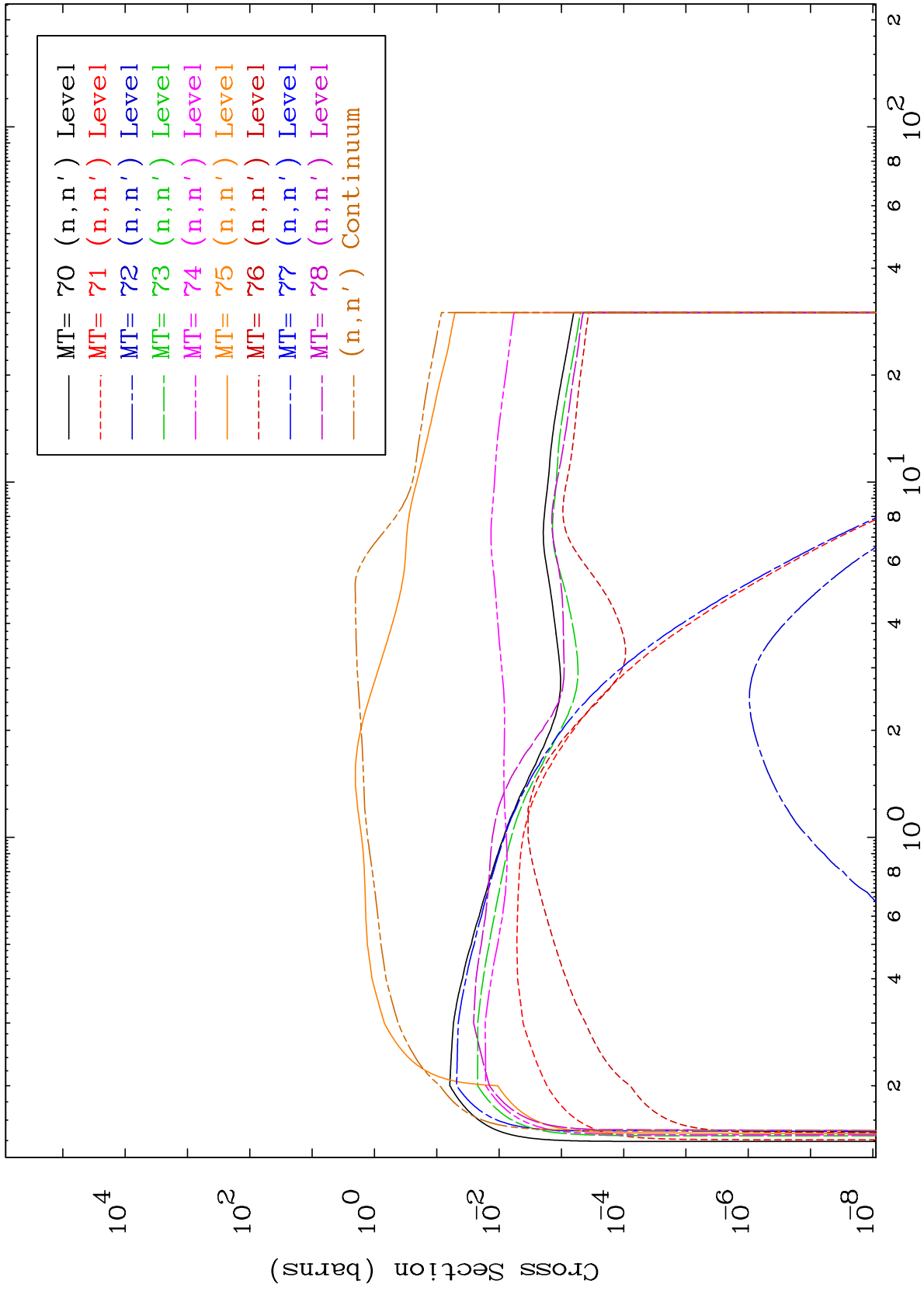
93-Np-240



MAT 9355

(n,n') Level  
293 Kelvin Cross Sections

93-Np-240



10

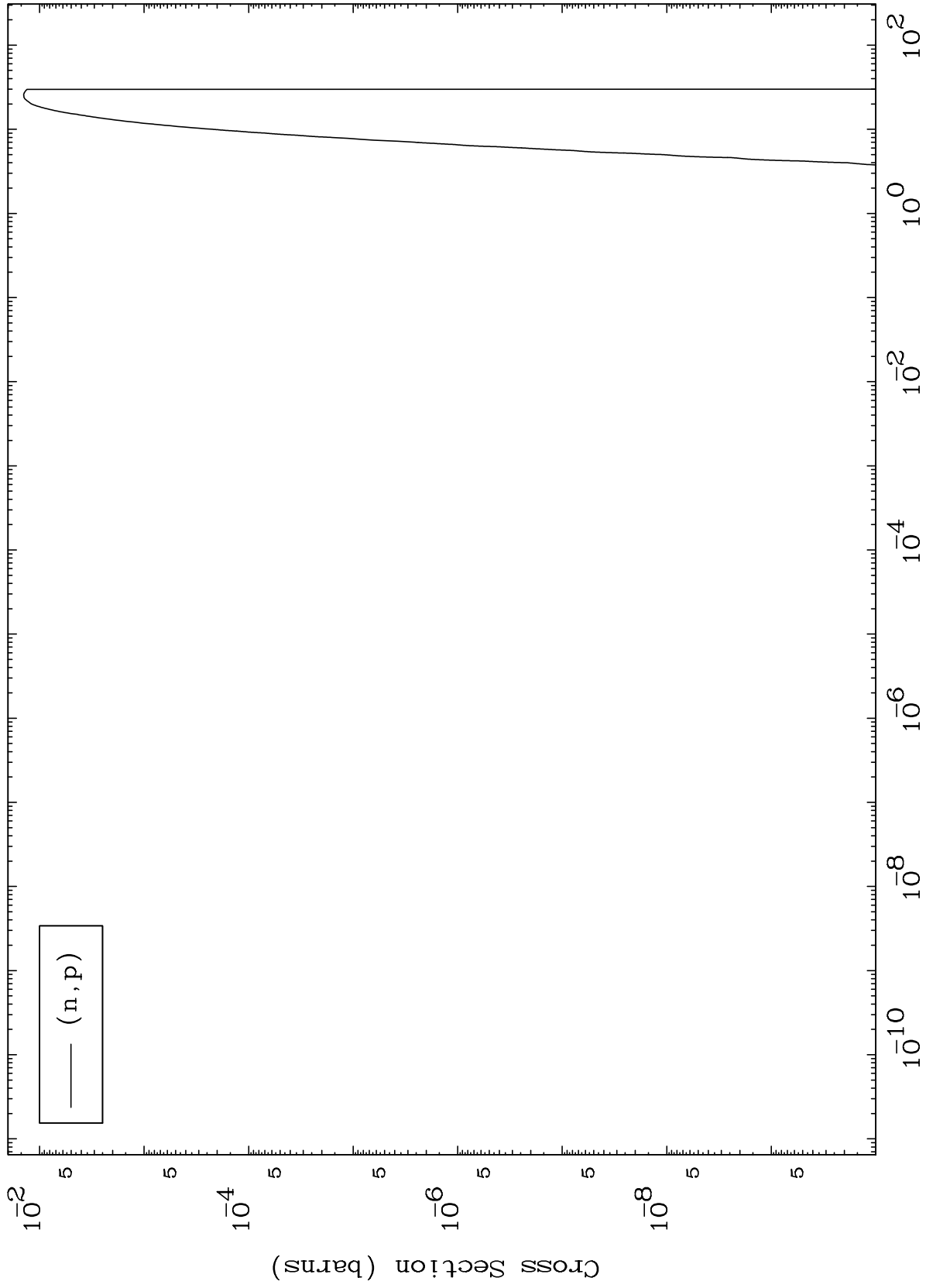
Incident Energy (MeV)

93-Np-240

MAT 9355

(n,p) Levels  
293 Kelvin Cross Sections

93-Np-240

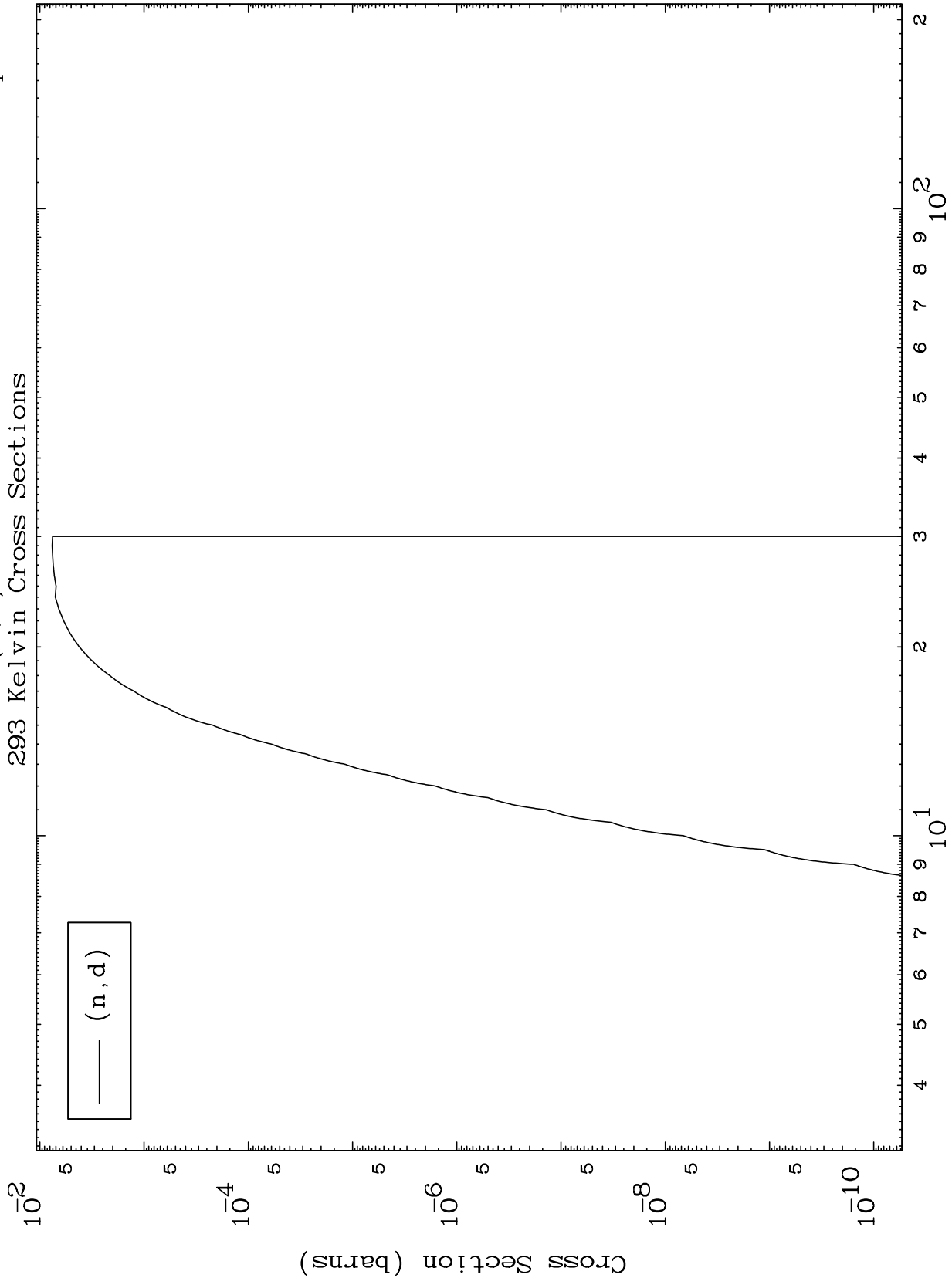


93-Np-240

MAT 9355

(n,d) Levels  
293 Kelvin Cross Sections

93-Np-240



(n, d)

12

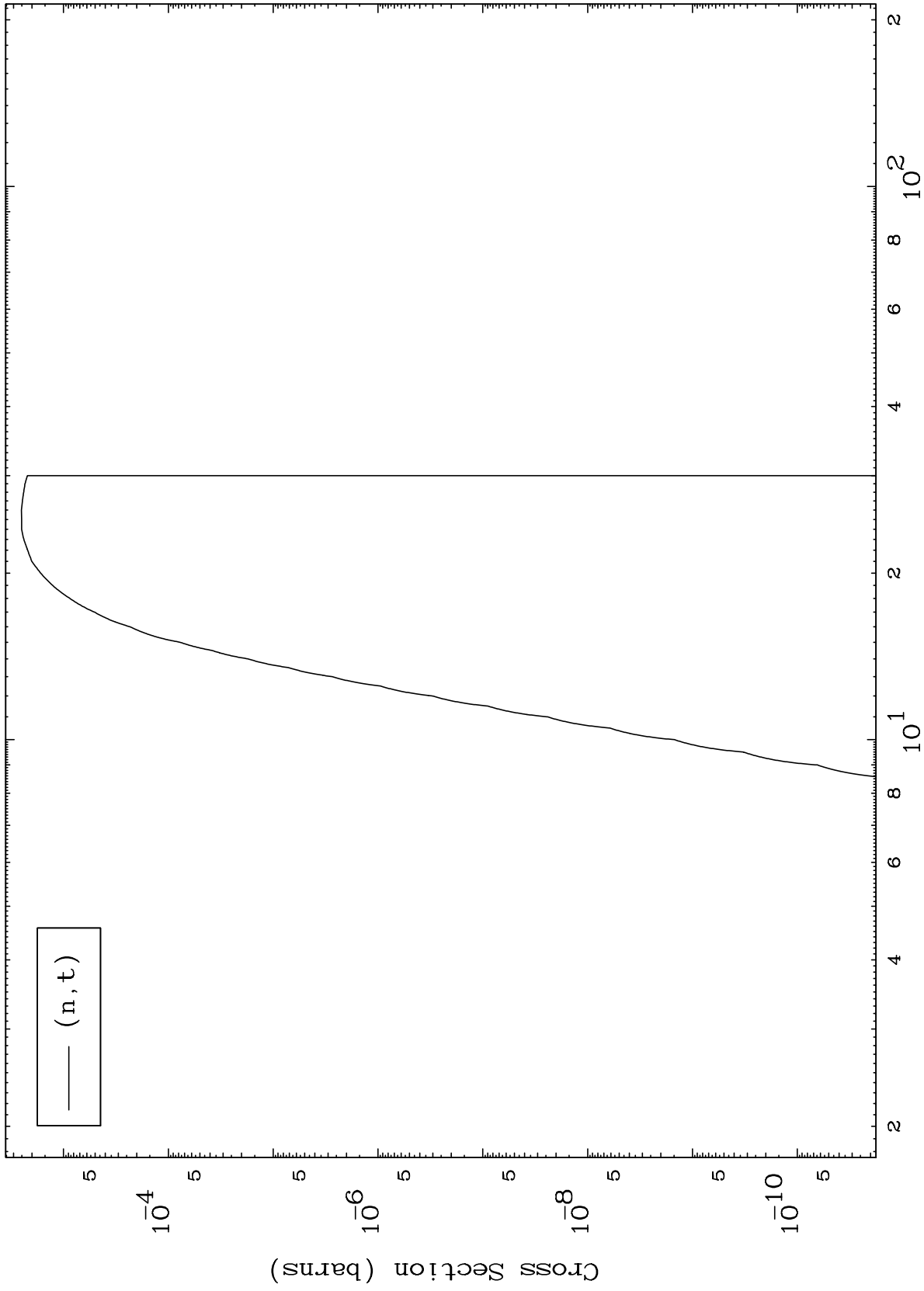
Incident Energy (MeV)

93-Np-240

MAT 9355

(n,t) Levels  
293 Kelvin Cross Sections

93-Np-240



13

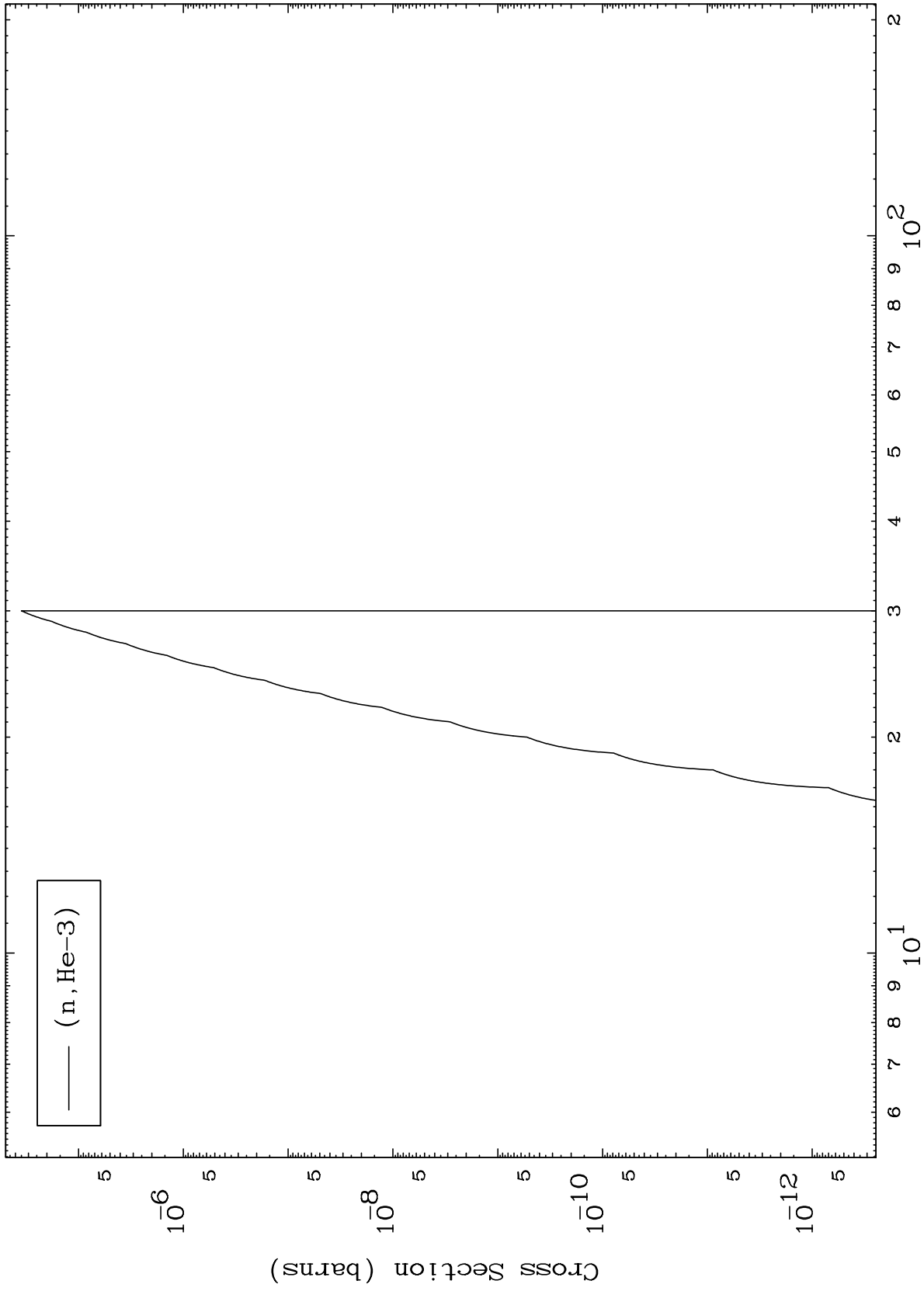
Incident Energy (MeV)

93-Np-240

MAT 9355

(n,He3) Levels  
293 Kelvin Cross Sections

93-Np-240



14

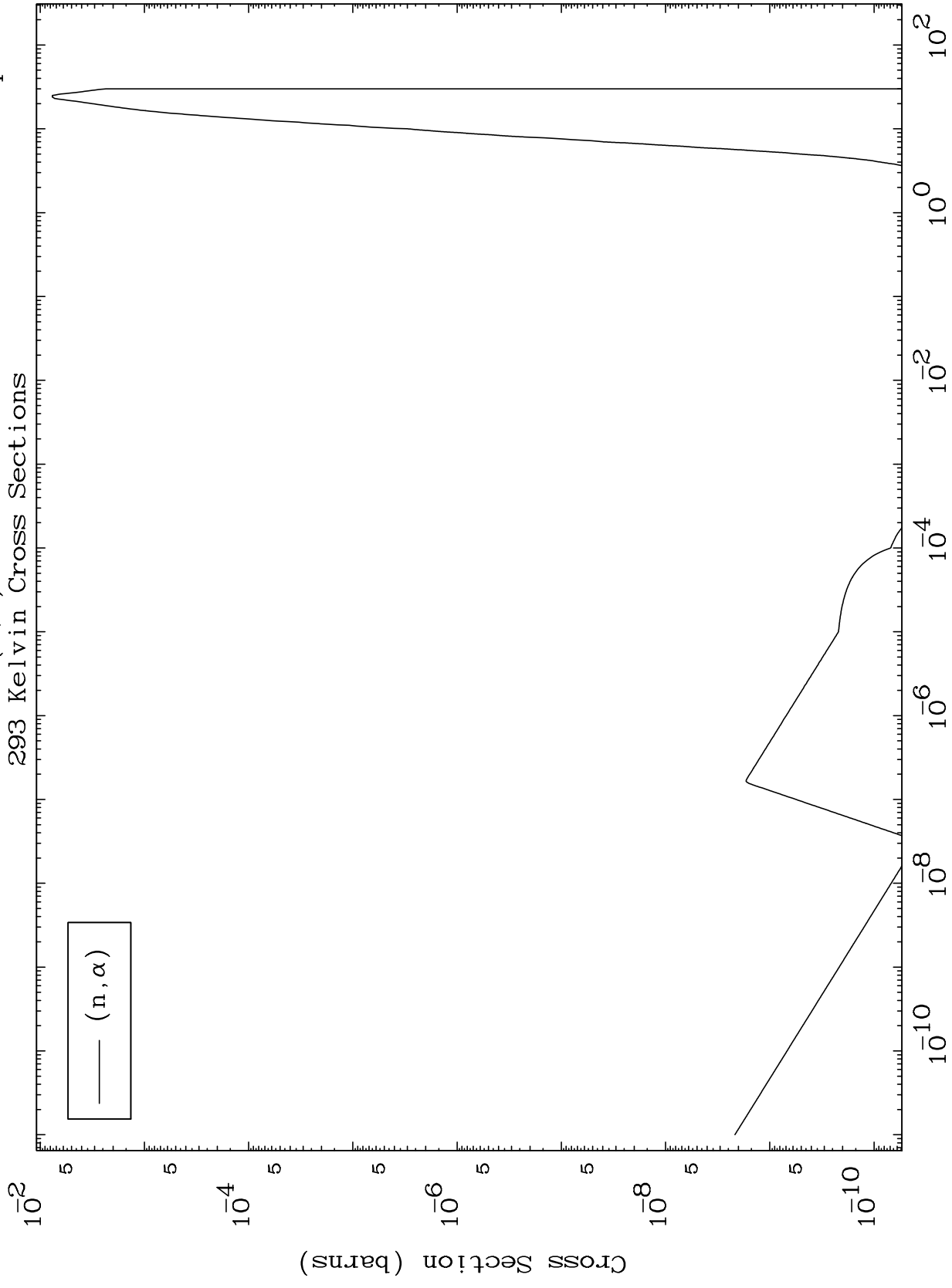
Incident Energy (MeV)

93-Np-240

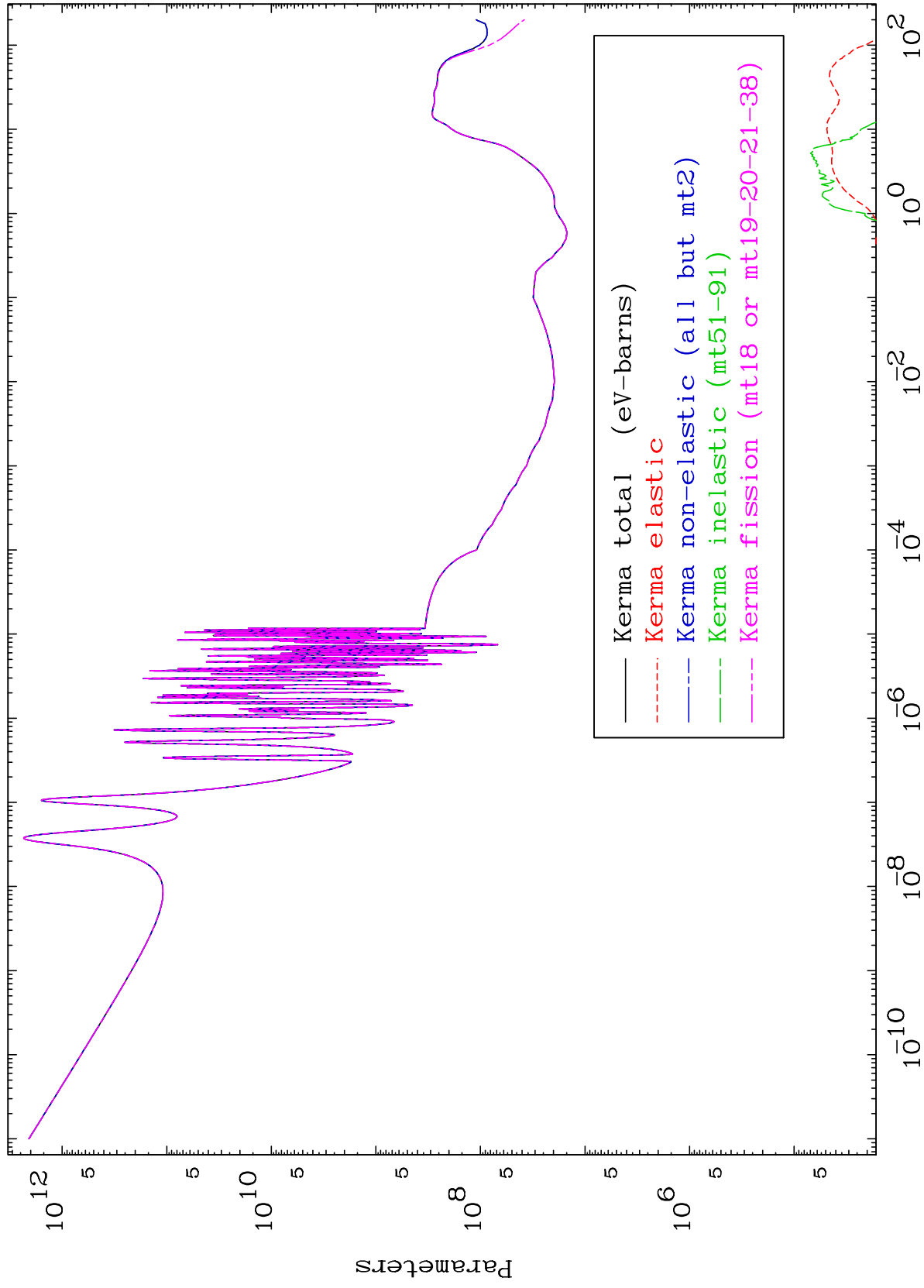
MAT 9355

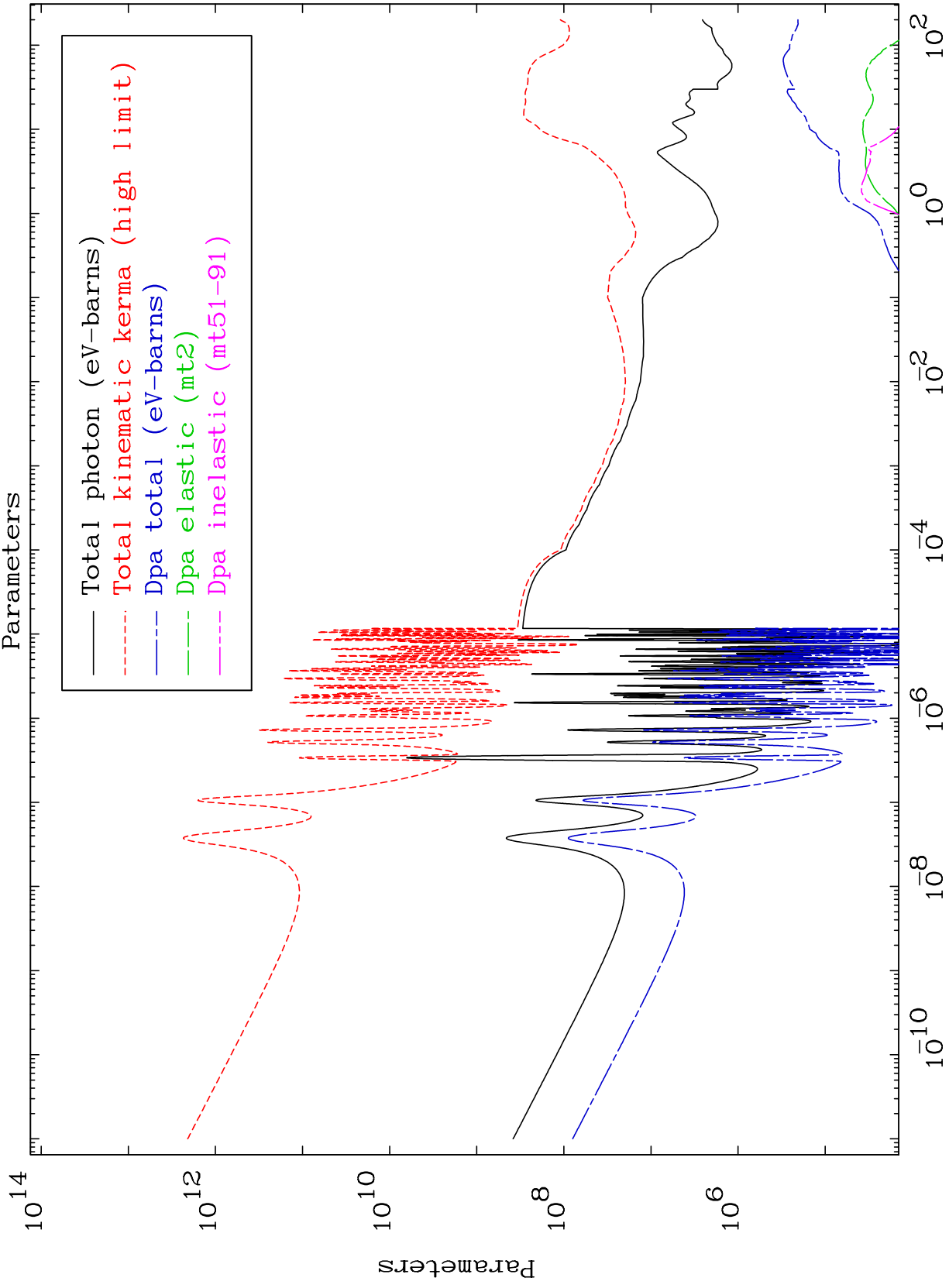
(n,α) Levels  
293 Kelvin Cross Sections

93-Np-240





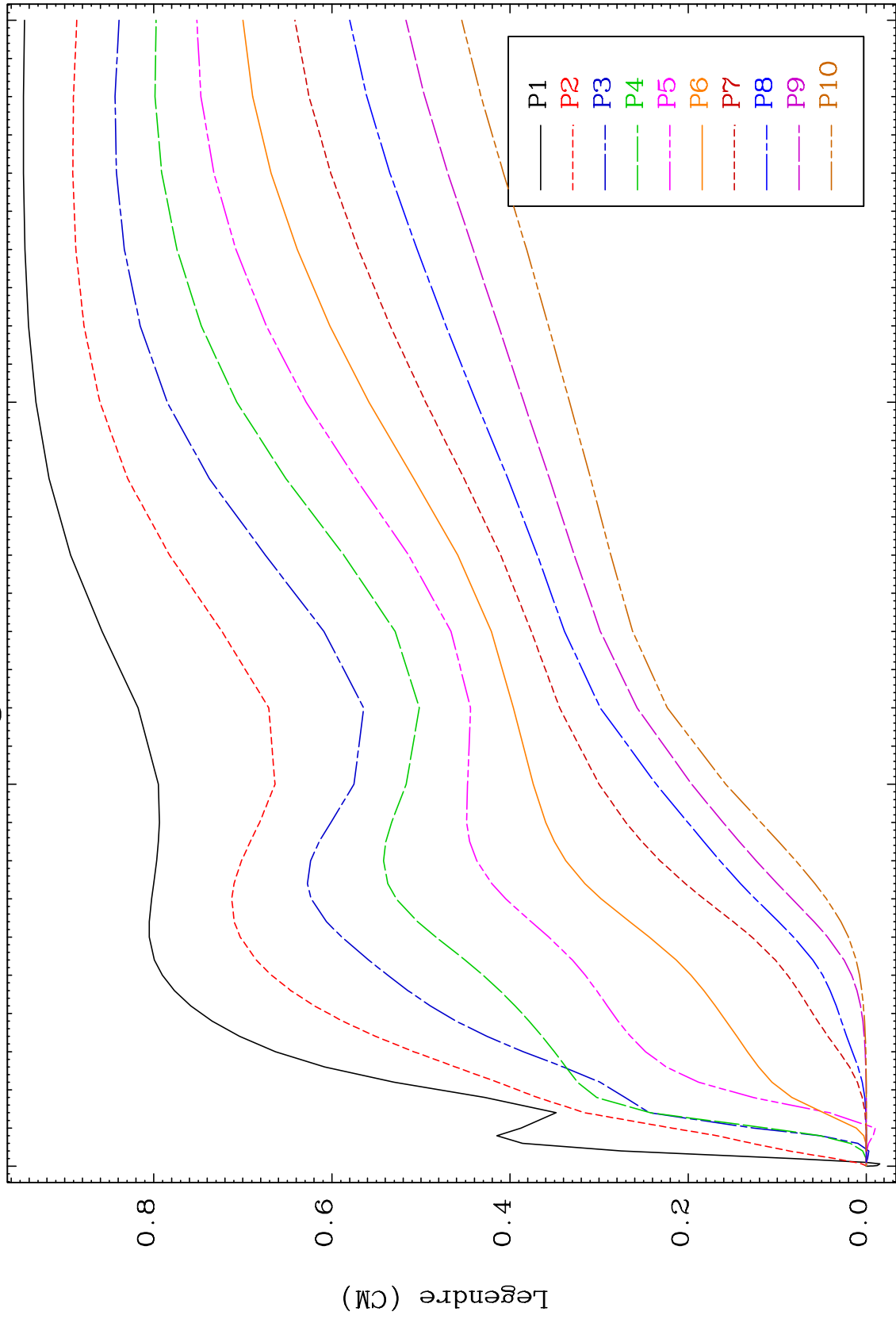




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Elastic Legendre Coefficients

93-Np-240



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Incident Energy (MeV)

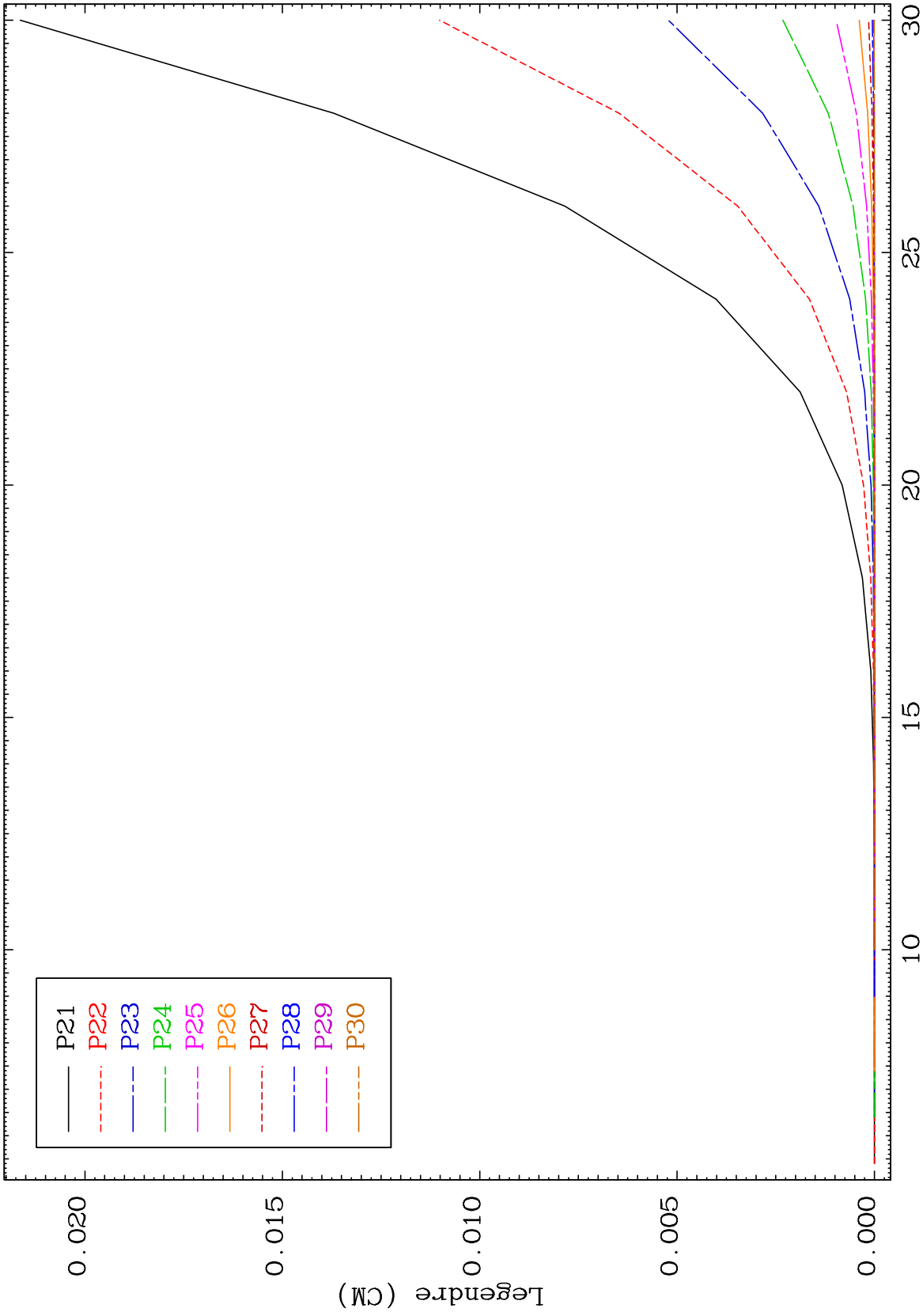
93-Np-240



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### Elastic Legendre Coefficients

93-Np-240



20

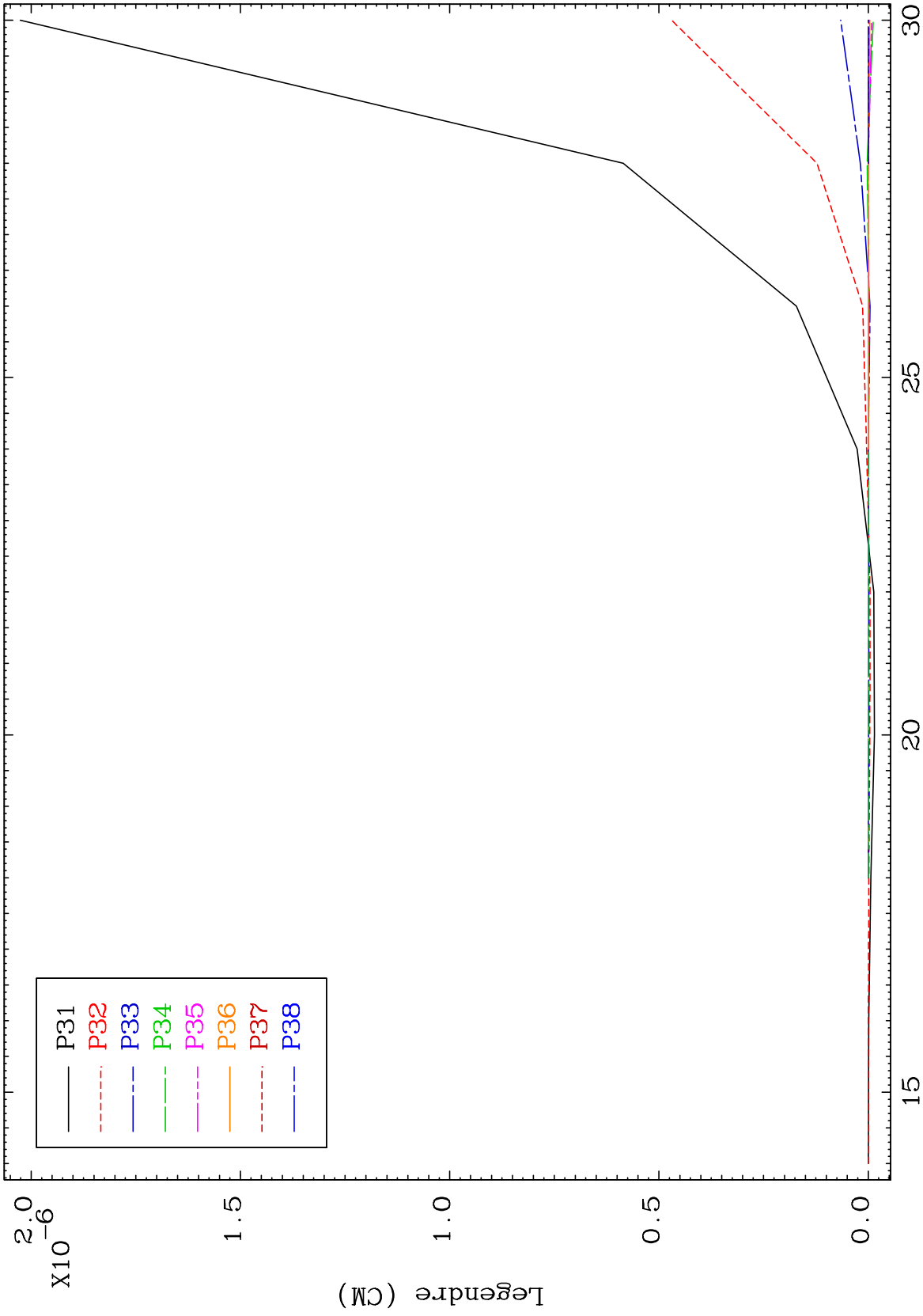
Incident Energy (MeV)

93-Np-240

MAT 9355

Elastic Legendre Coefficients

93-Np-240



21

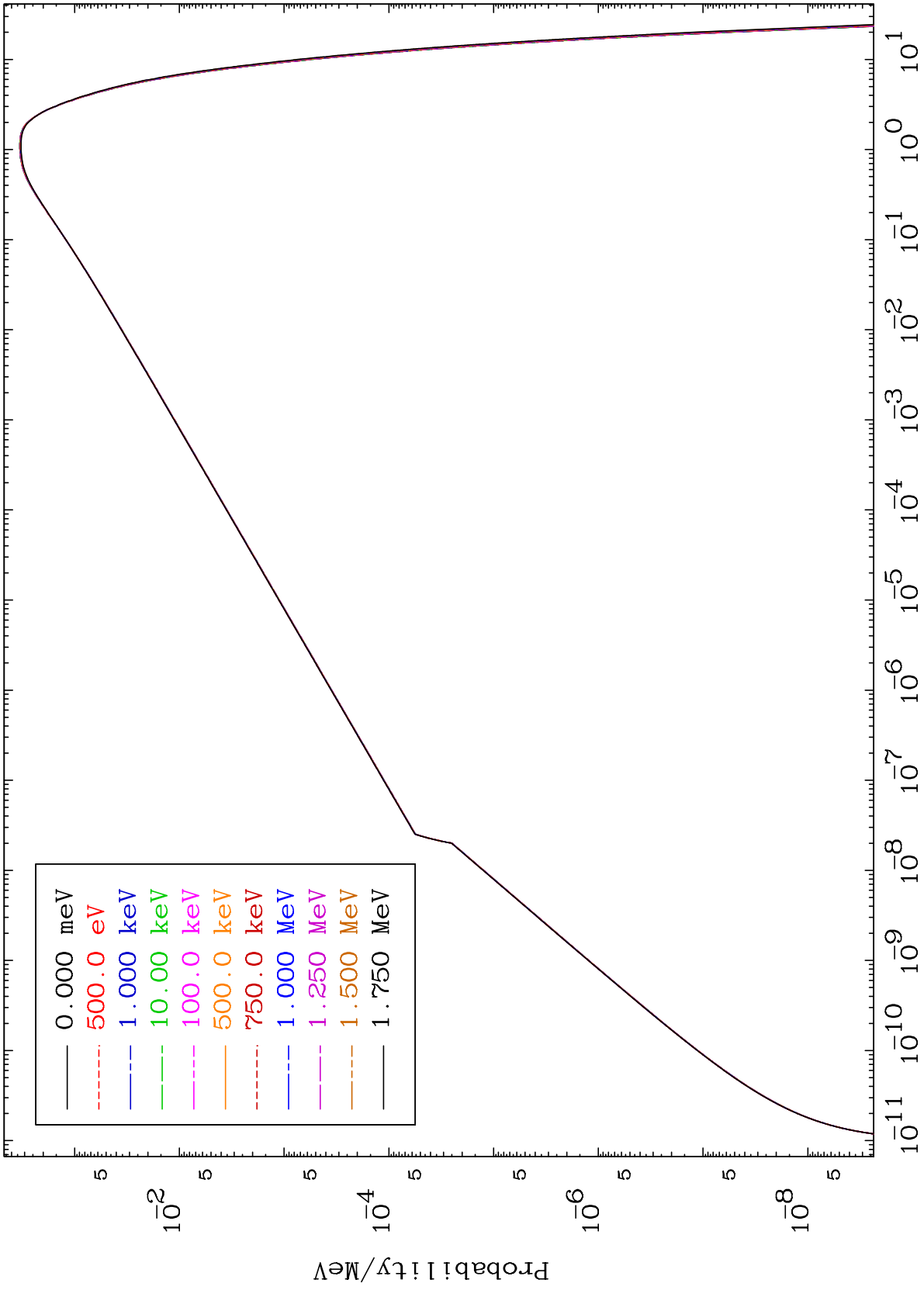
Incident Energy (MeV)

93-Np-240

MAT 9355

# Fission Energy Distribution

93-Np-240



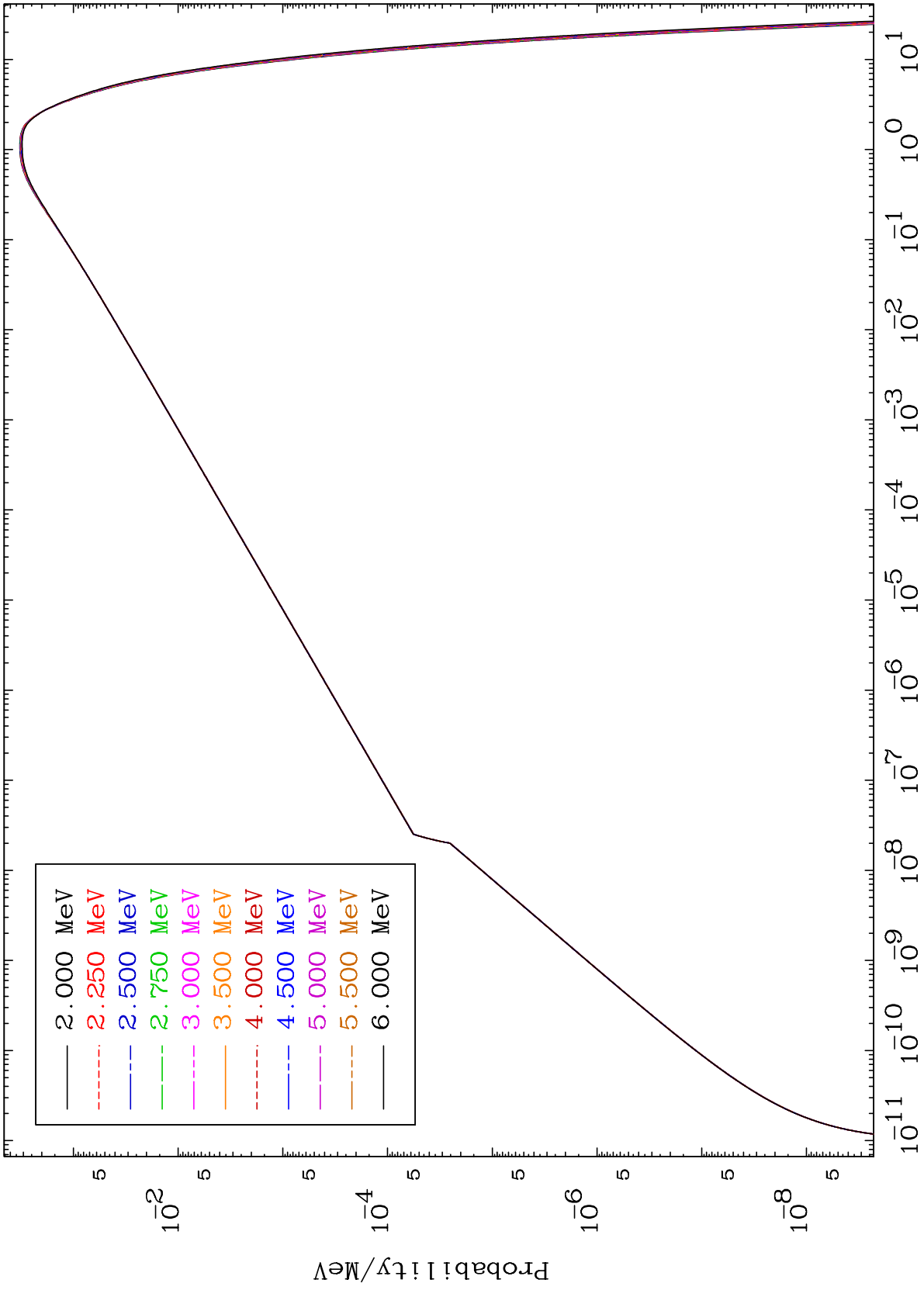
22

93-Np-240

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# Fission Energy Distribution

93-Np-240

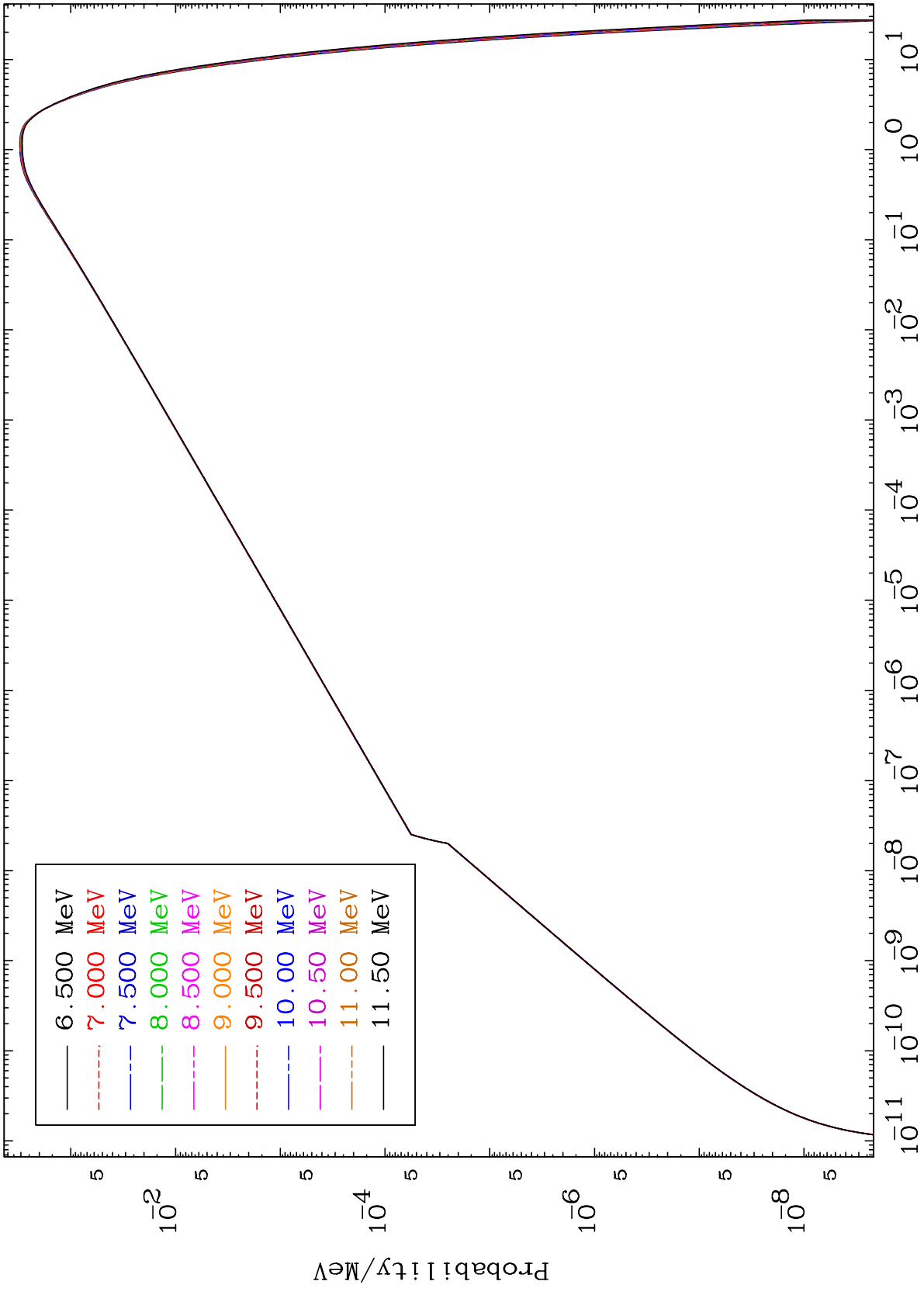




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### Fission Energy Distribution

93-Np-240

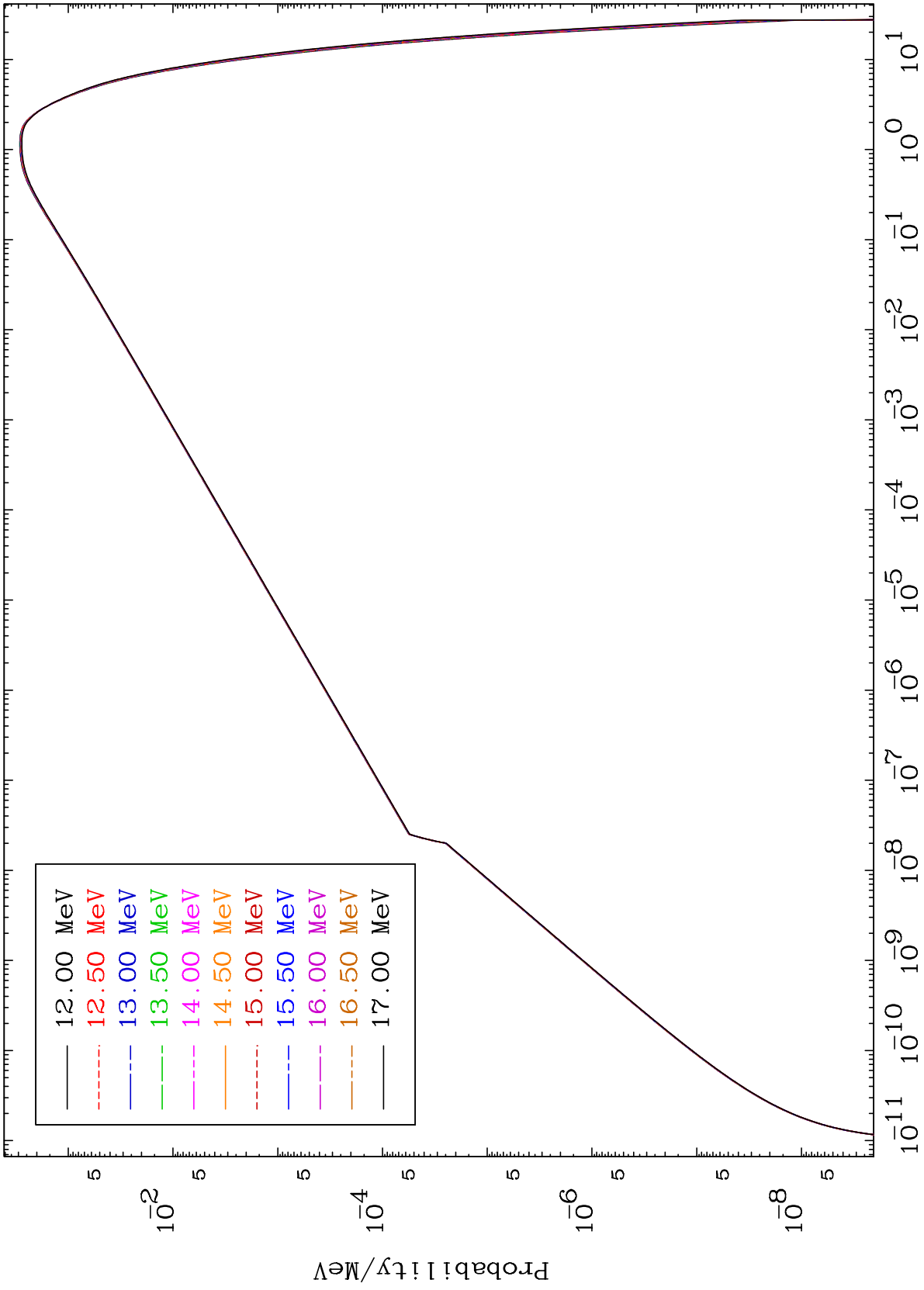


93-Np-240

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### Fission Energy Distribution

93-Np-240

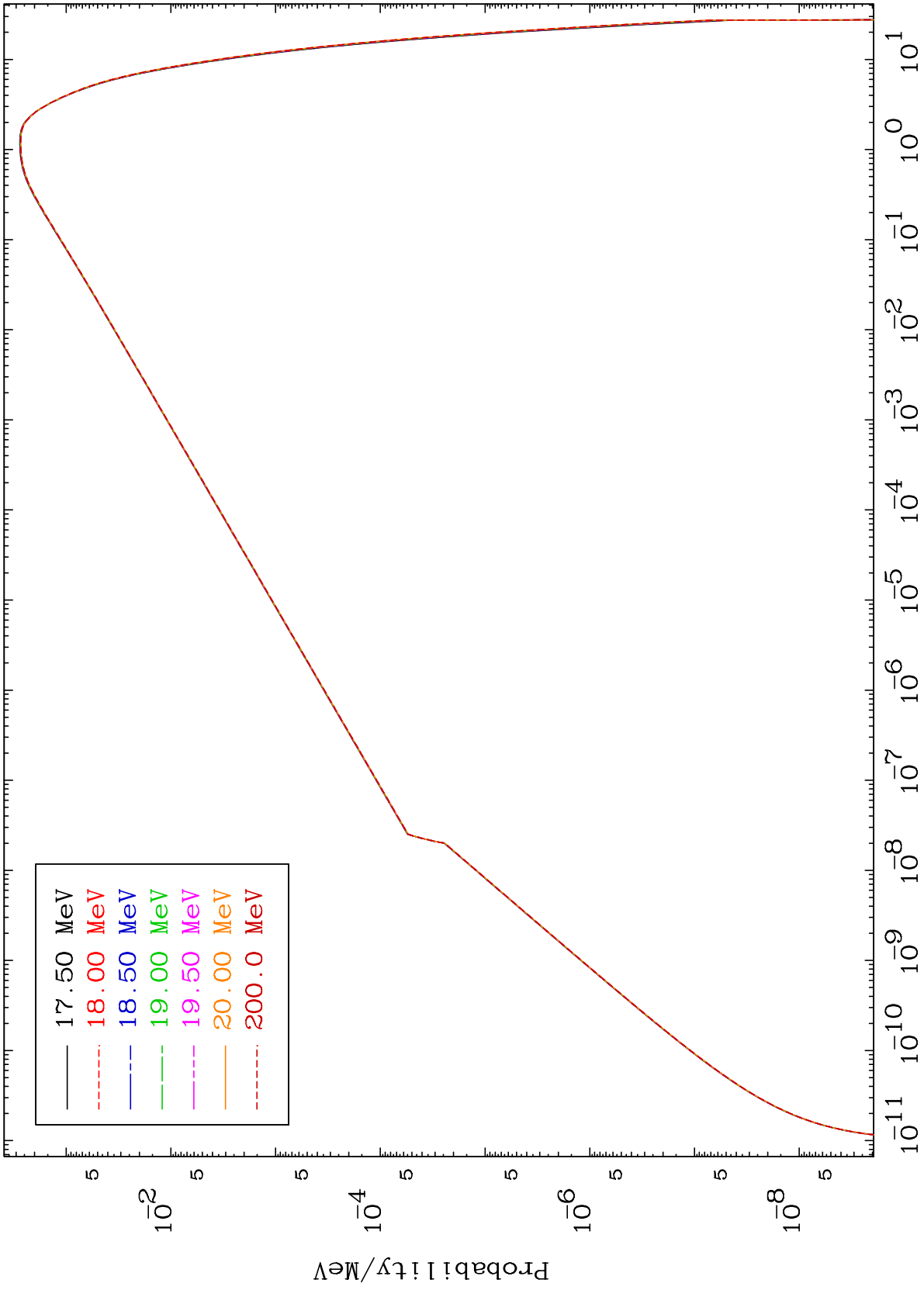


93-Np-240

MAT 9355

### Fission Energy Distribution

93-Np-240



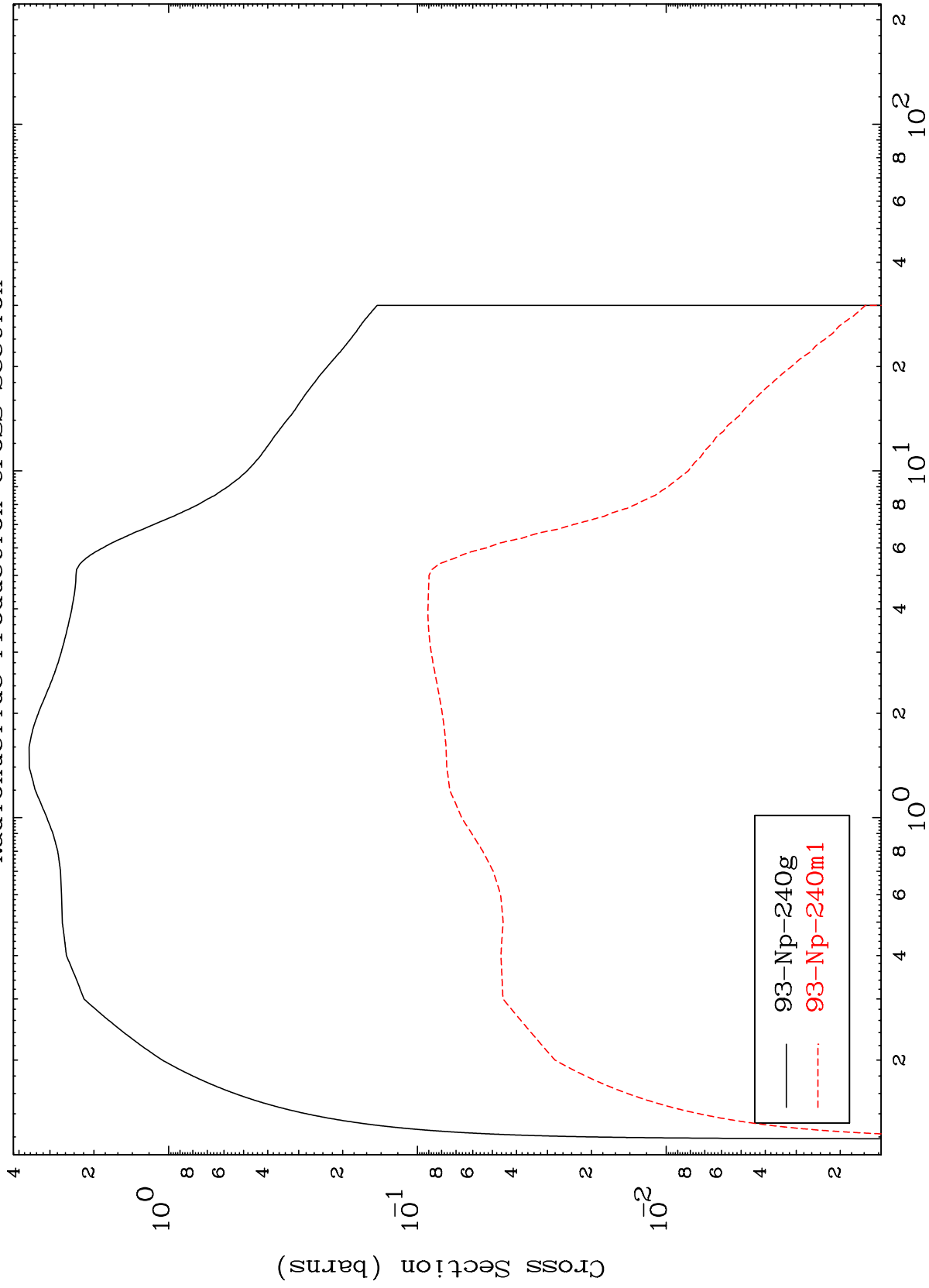
—	17.50	MeV
- - -	18.00	MeV
- · - ·	18.50	MeV
- - -	19.00	MeV
- · - ·	19.50	MeV
- - -	20.00	MeV
- - -	200.0	MeV

93-Np-240

MAT 9355

Inelastic  
Radionuclide Production Cross Section

93-Np-240



27

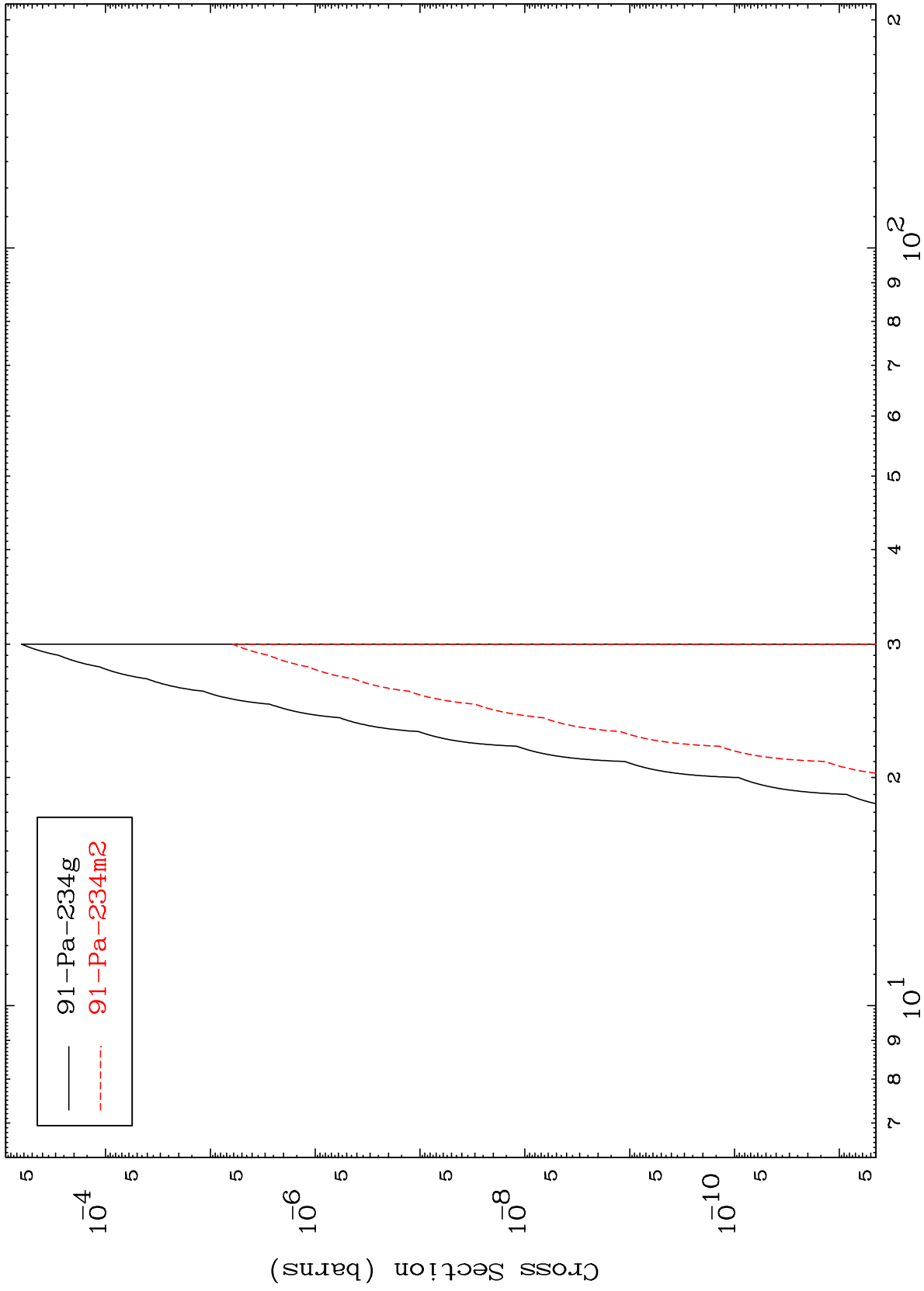
93-Np-240

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(n,3n)  $\alpha$

93-Np-240

Radionuclide Production Cross Section



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Incident Energy (MeV)

93-Np-240