

Program EVALPLOT  
(Version 2021-1)

by

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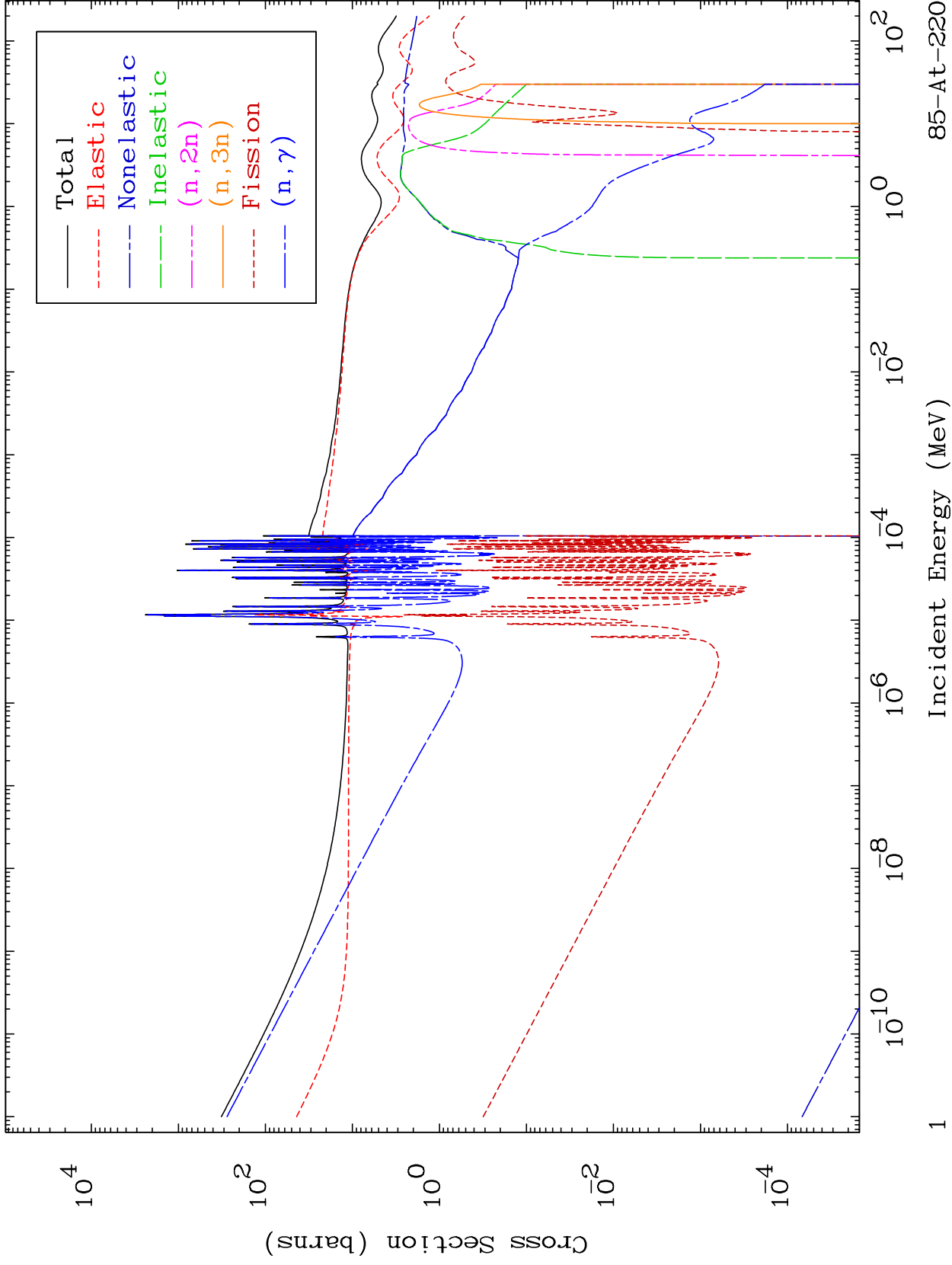
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Press Mouse Button to Start

MAT 8576

Neutron Major  
293 Kelvin Cross Sections

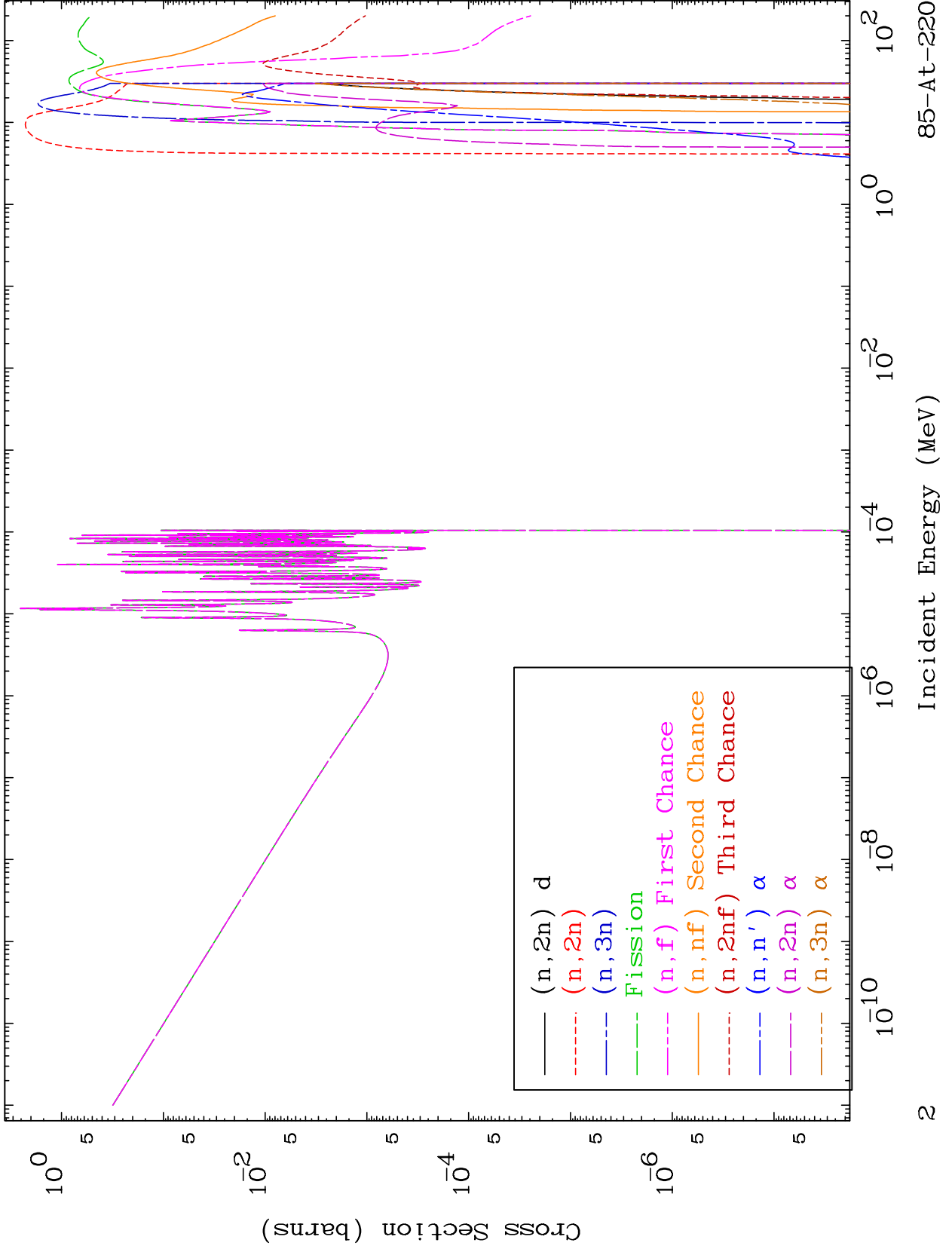
85-At-220



MAT 8576

Neutron Absorption  
293 Kelvin Cross Sections

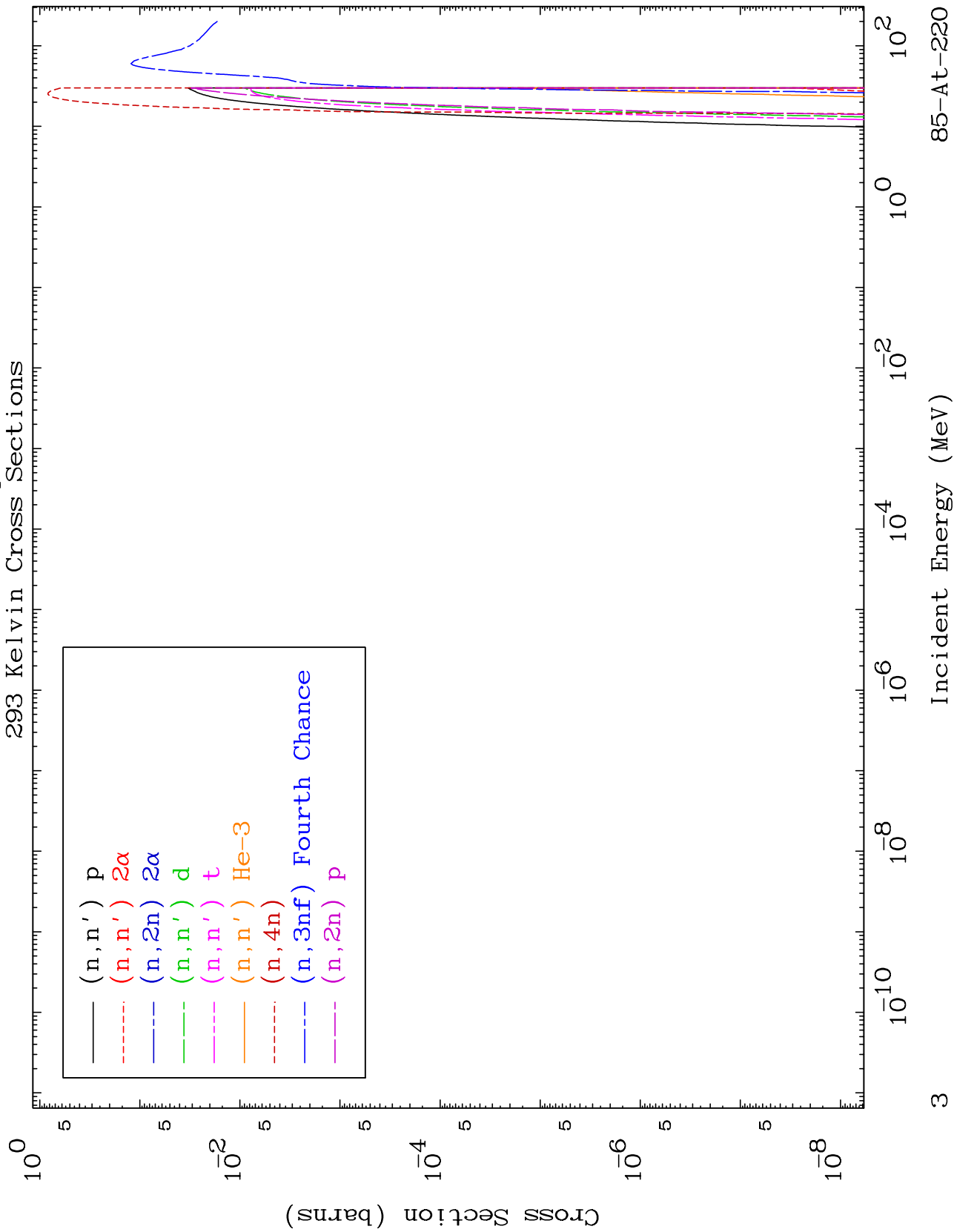
85-At-220



MAT 8576

Neutron Absorption  
293 Kelvin Cross Sections

85-At-220



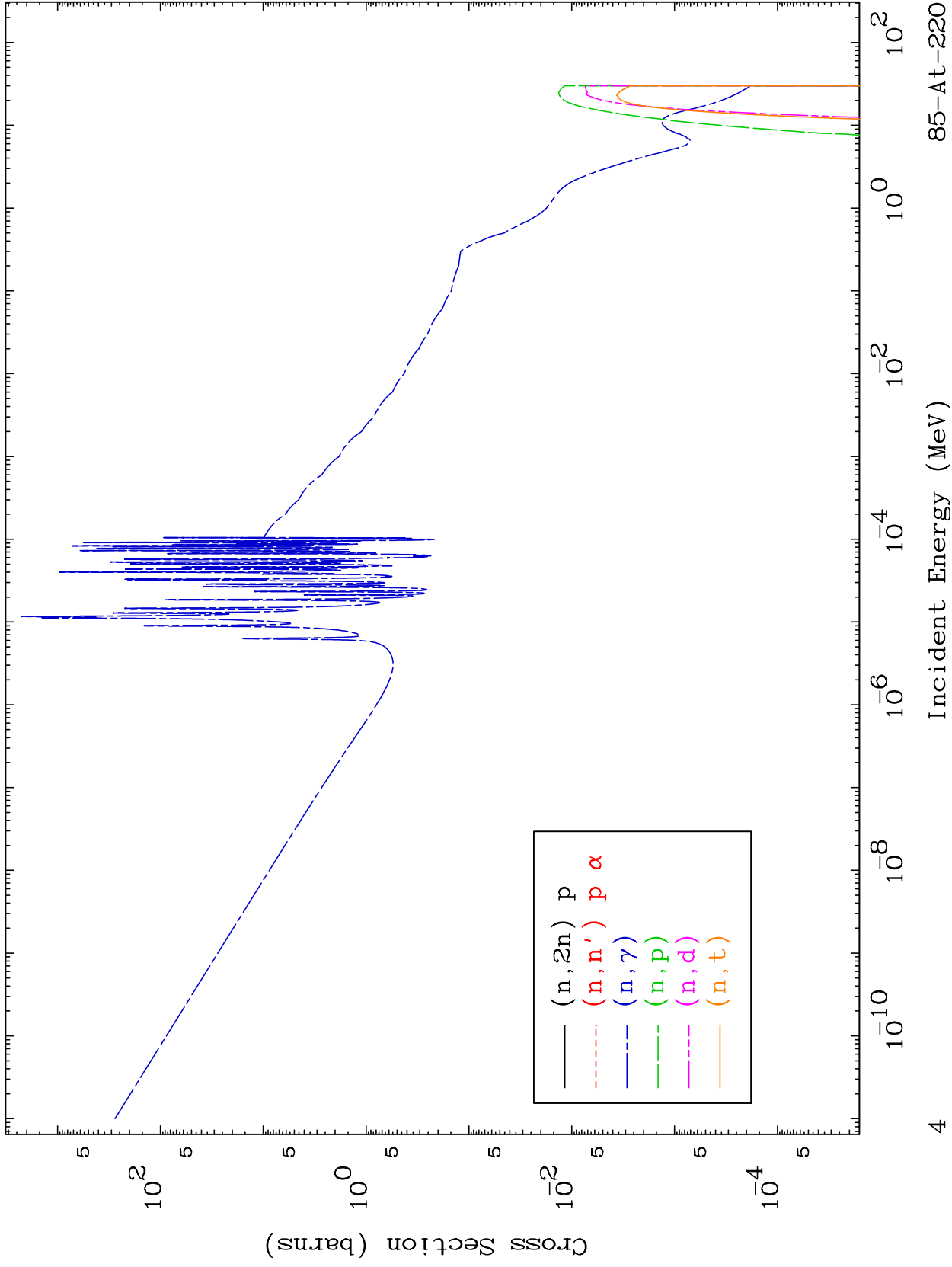
85-At-220

Incident Energy (MeV)

MAT 8576

Neutron Absorption  
293 Kelvin Cross Sections

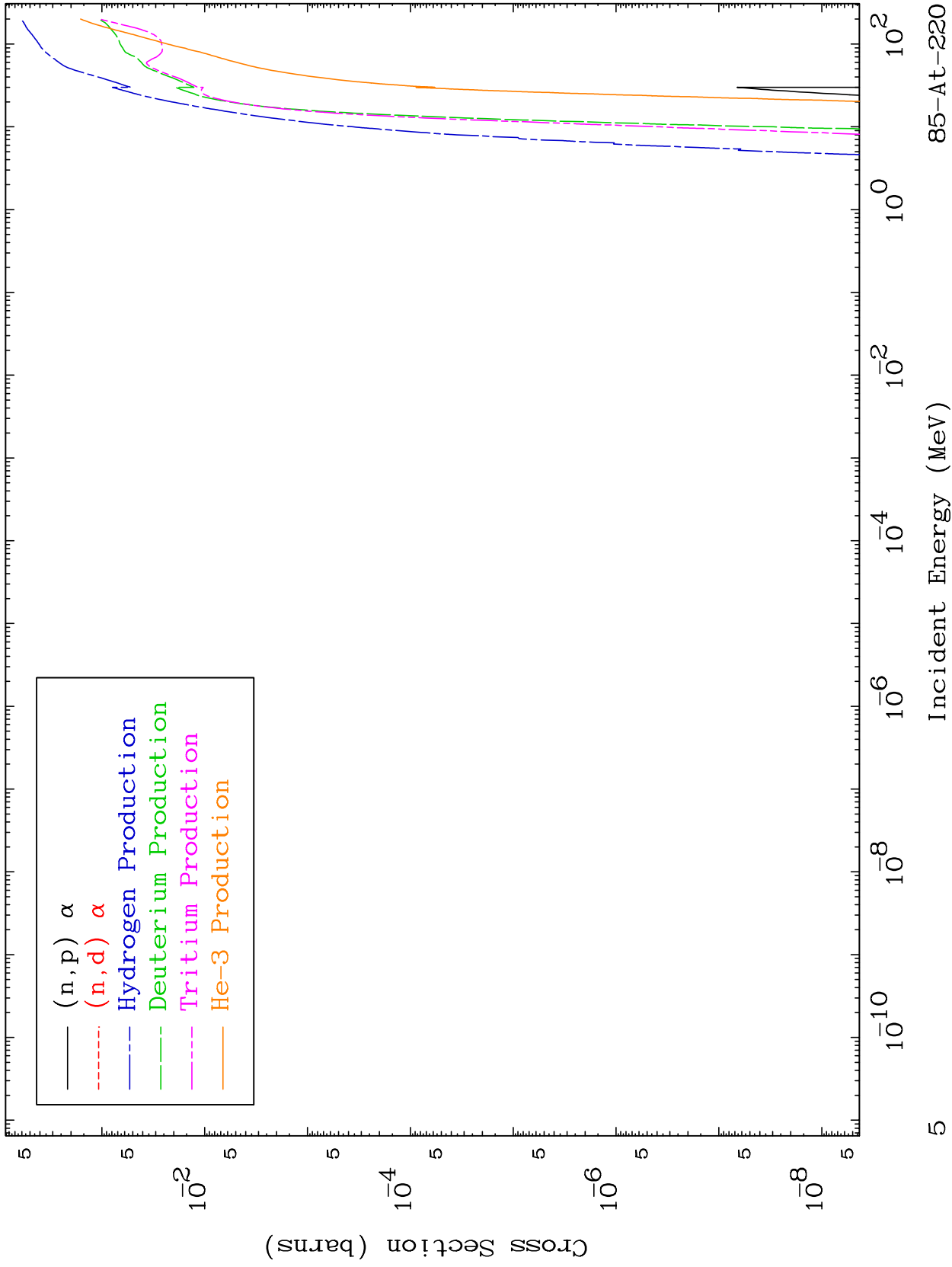
85-At-220



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Neutron Absorption  
293 Kelvin Cross Sections

85-At-220



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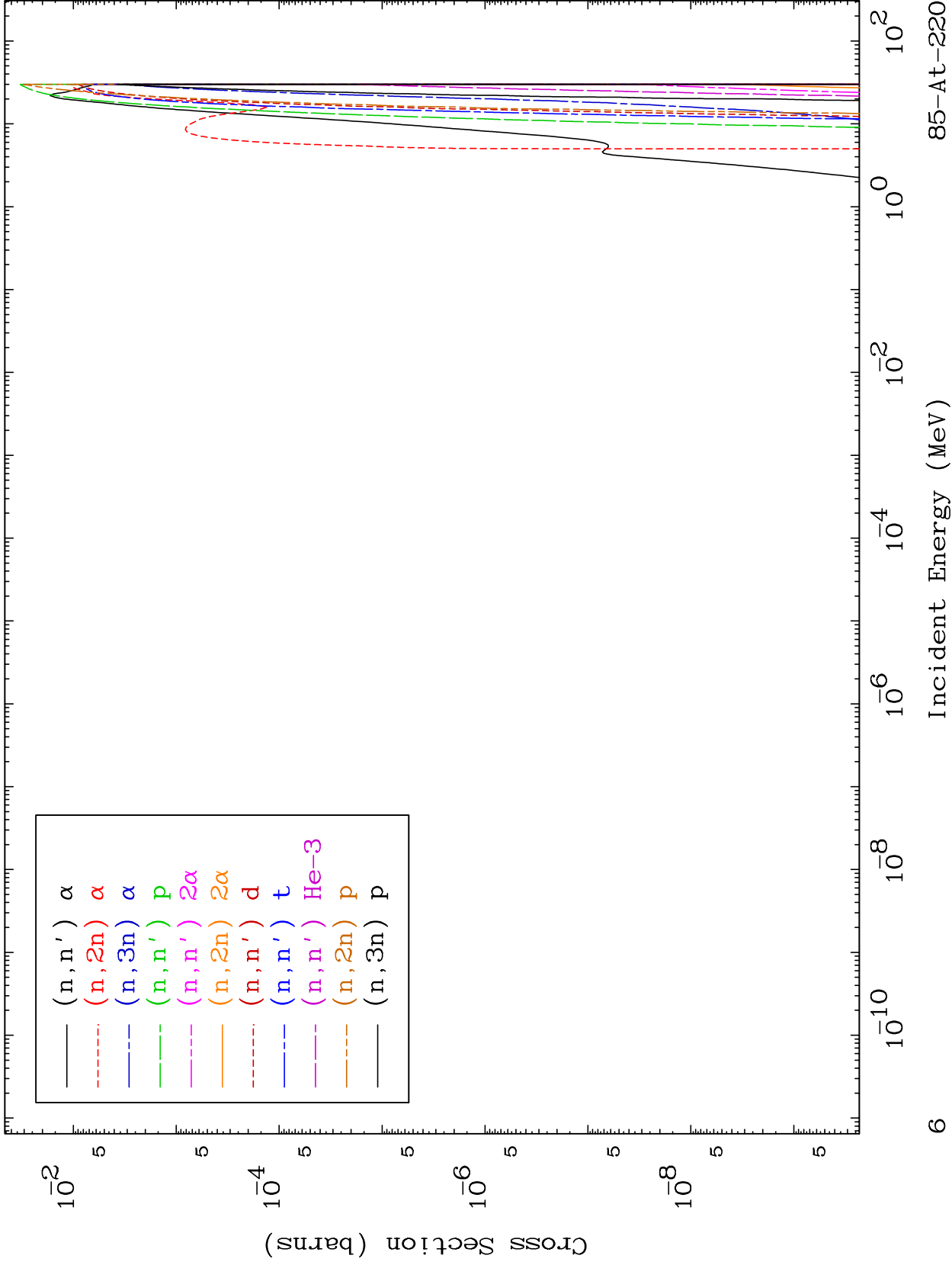
Incident Energy (MeV)

85-At-220

MAT 8576

Charged Particle  
293 Kelvin Cross Sections

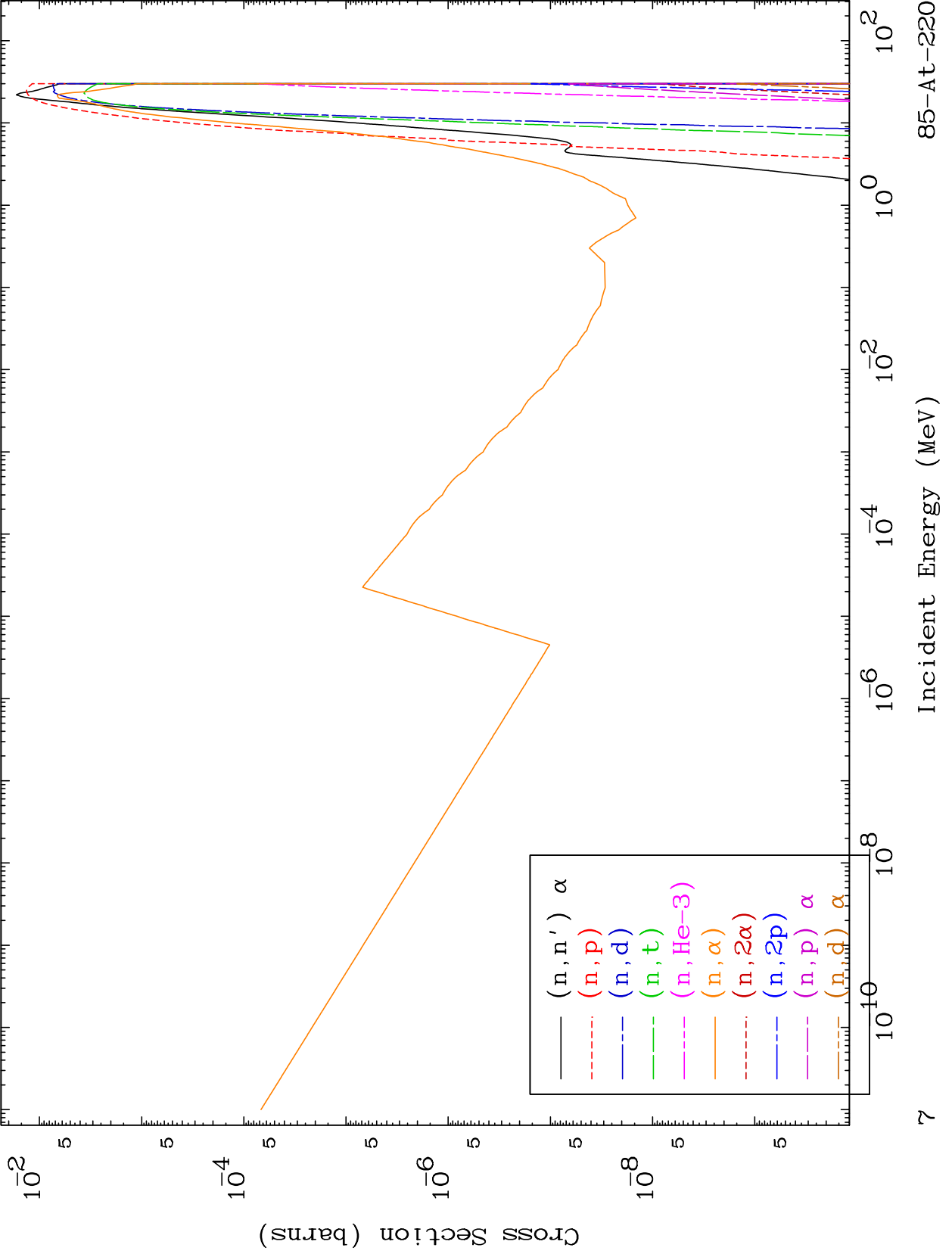
85-At-220



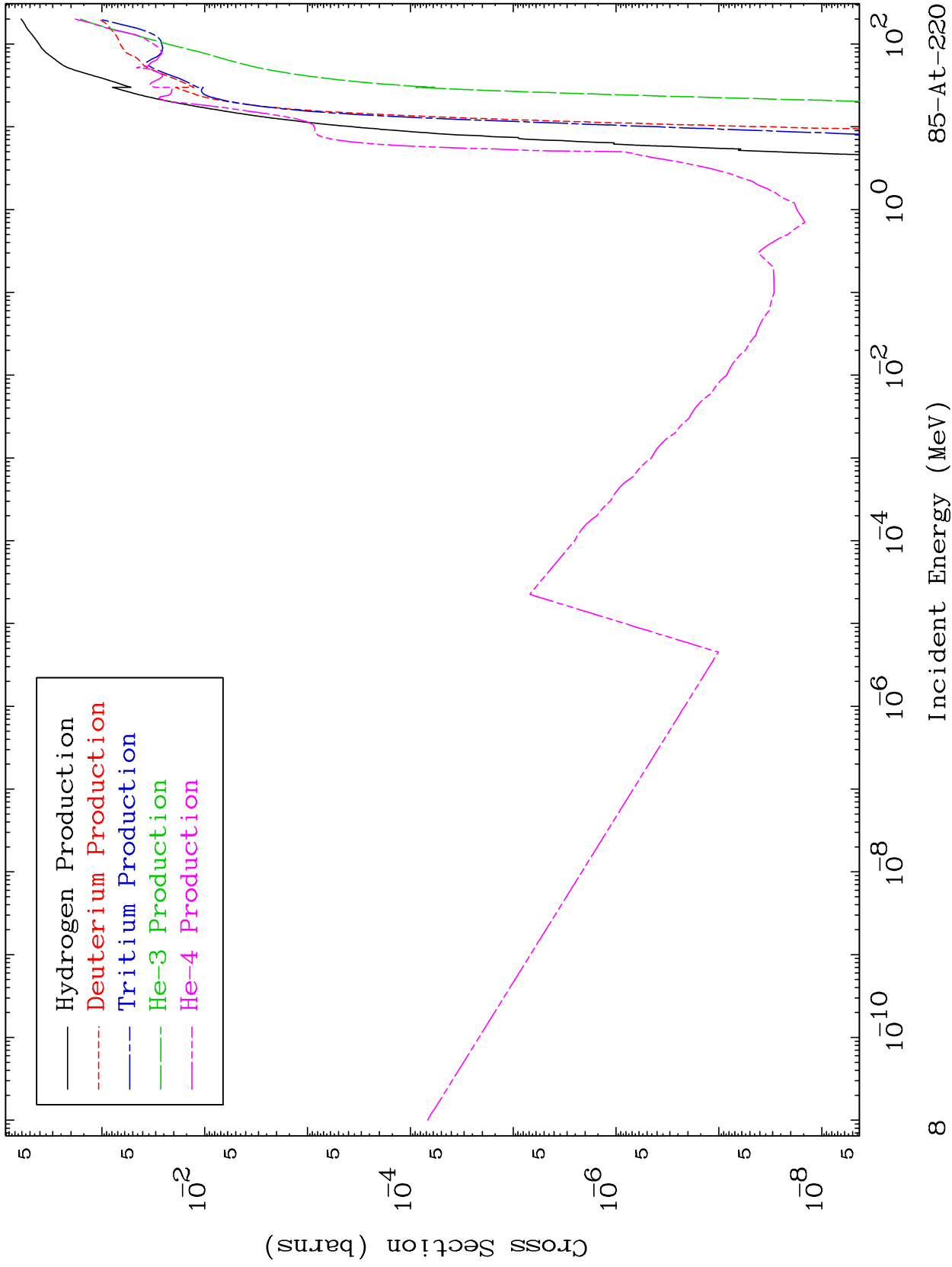
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Charged Particle  
293 Kelvin Cross Sections

85-At-220



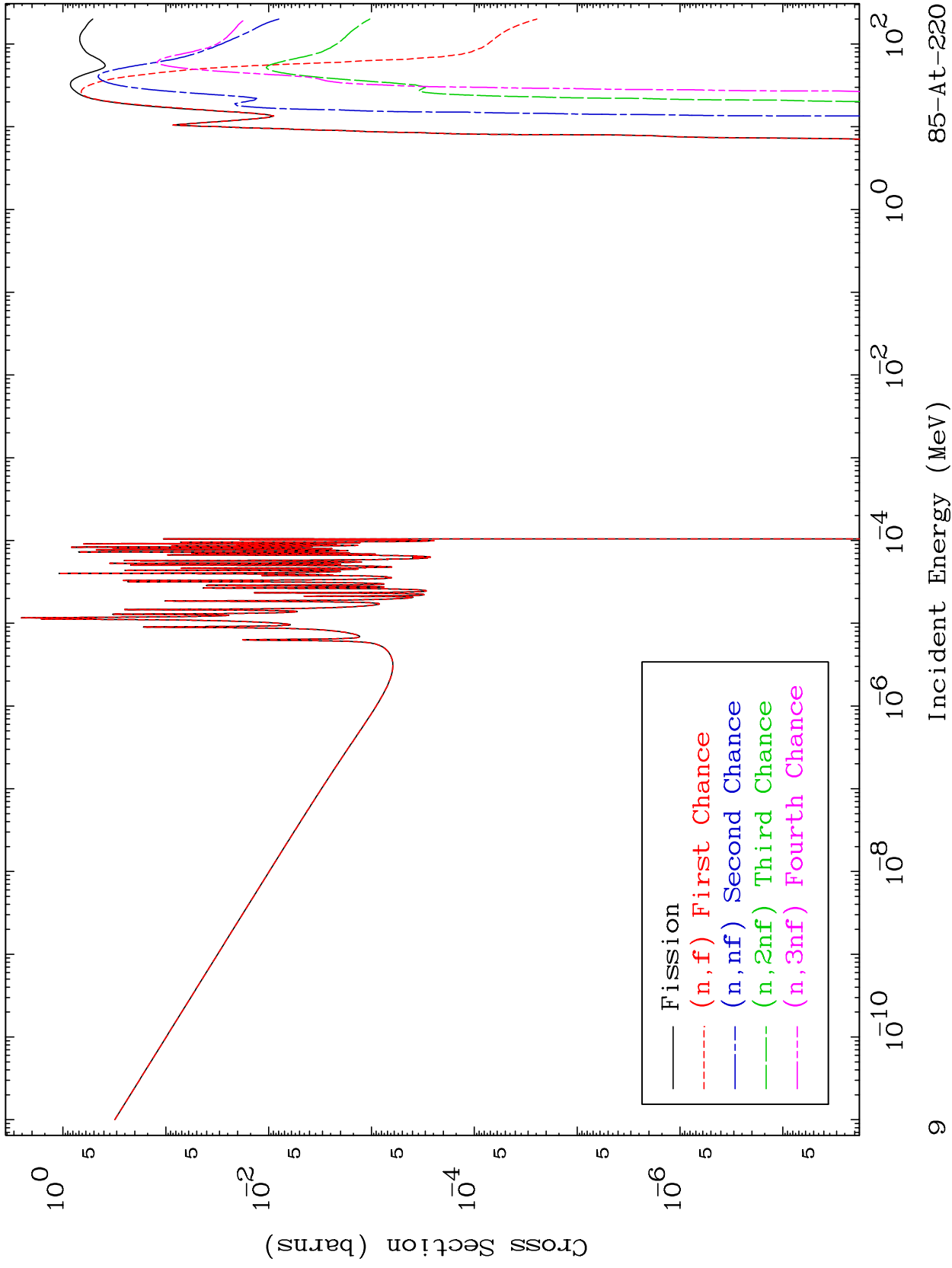




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Fission  
293 Kelvin Cross Sections

85-At-220

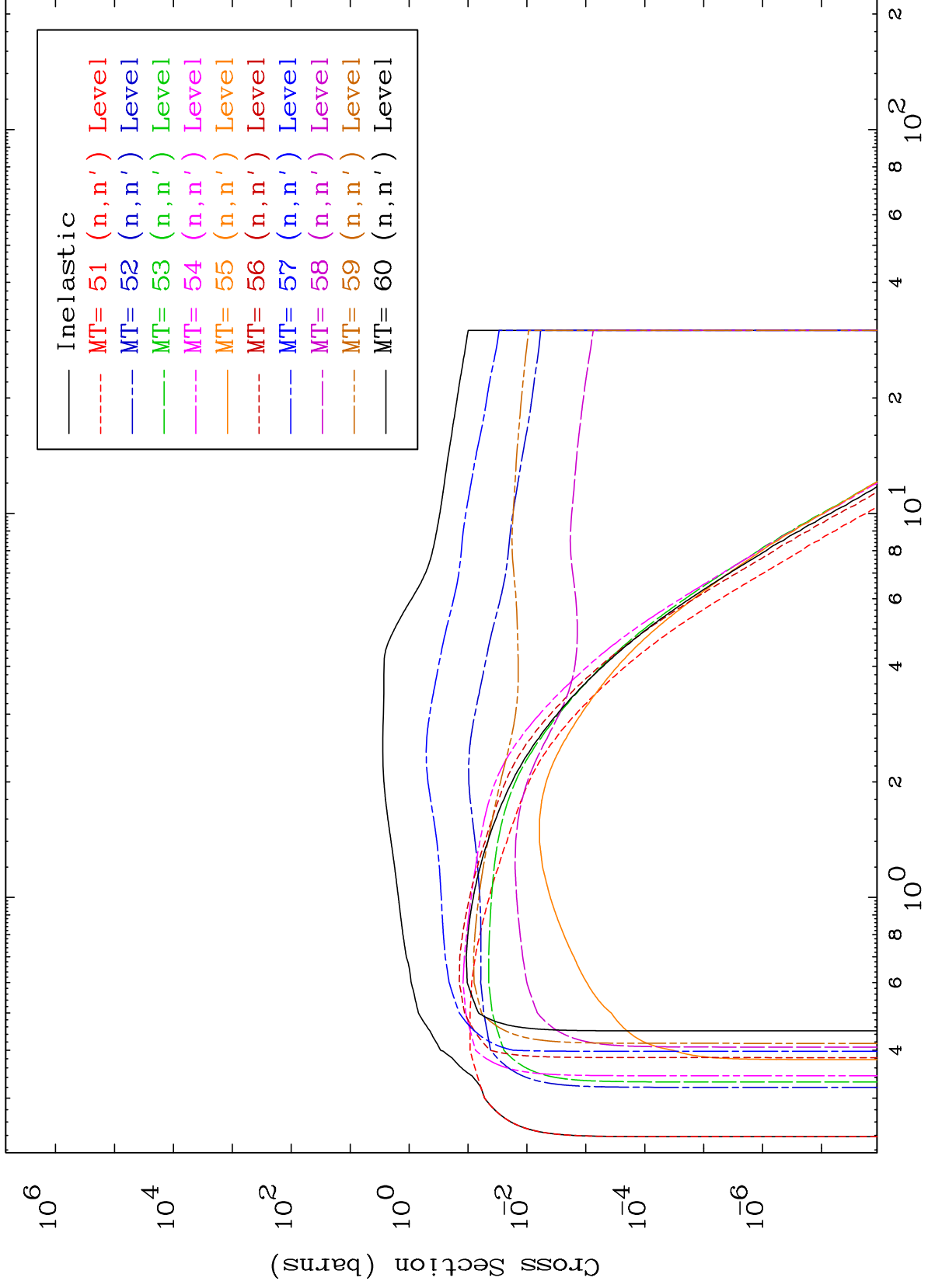


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(n,n') Levels

85-At-220

293 Kelvin Cross Sections

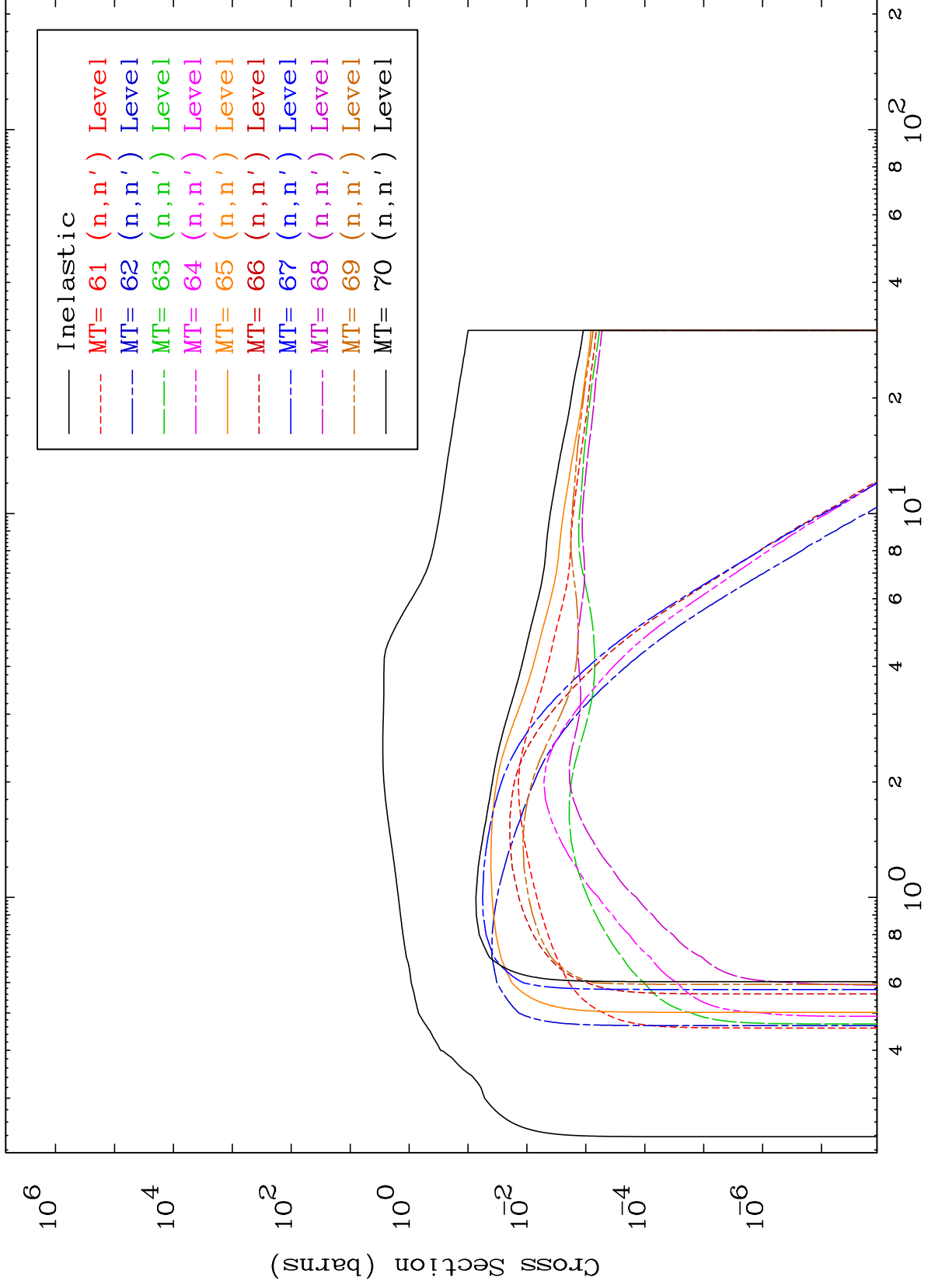


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Incident Energy (MeV)

85-At-220

293 Kelvin Cross Sections

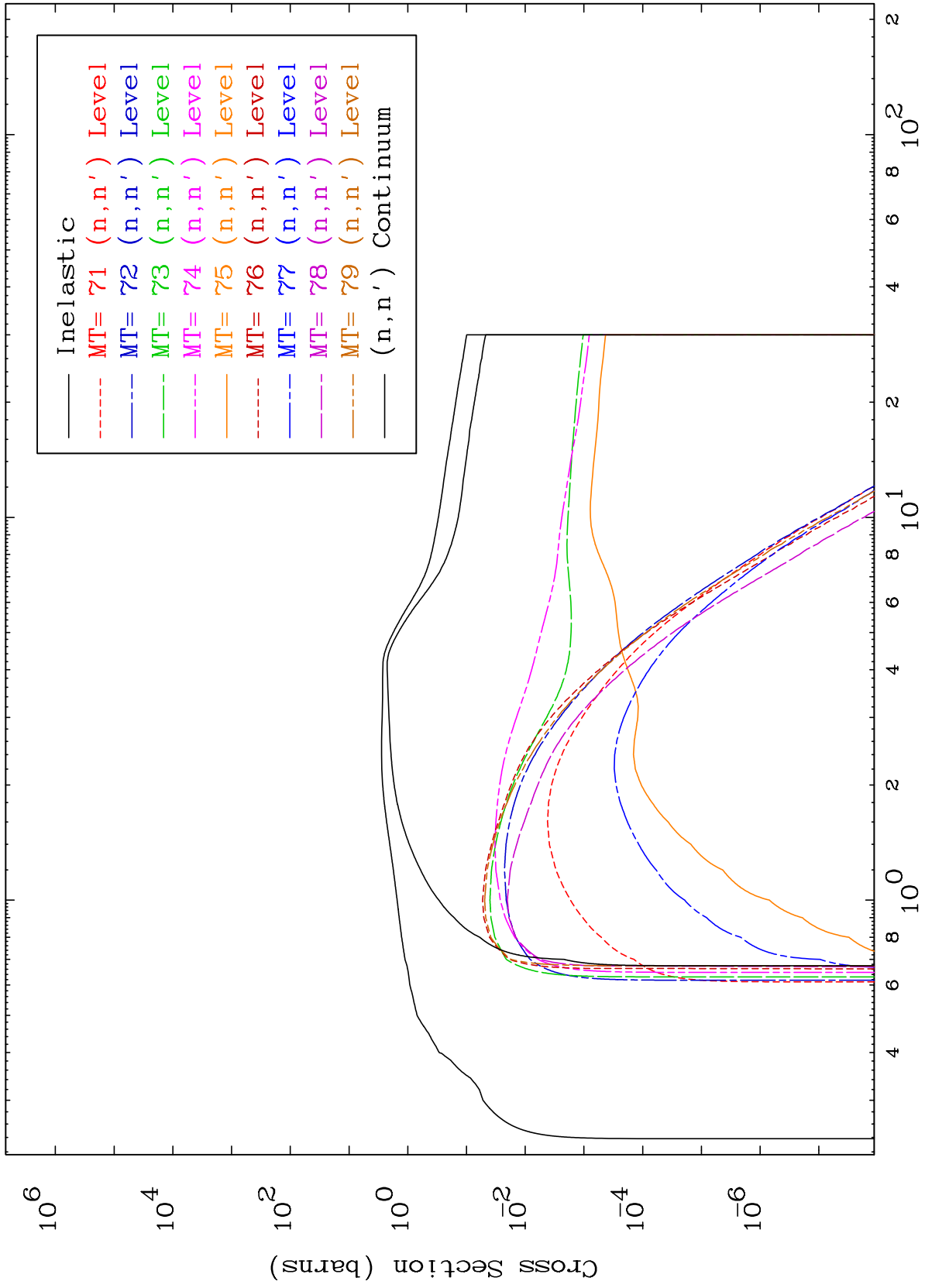


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(n,n') Levels

293 Kelvin Cross Sections

85-At-220



12

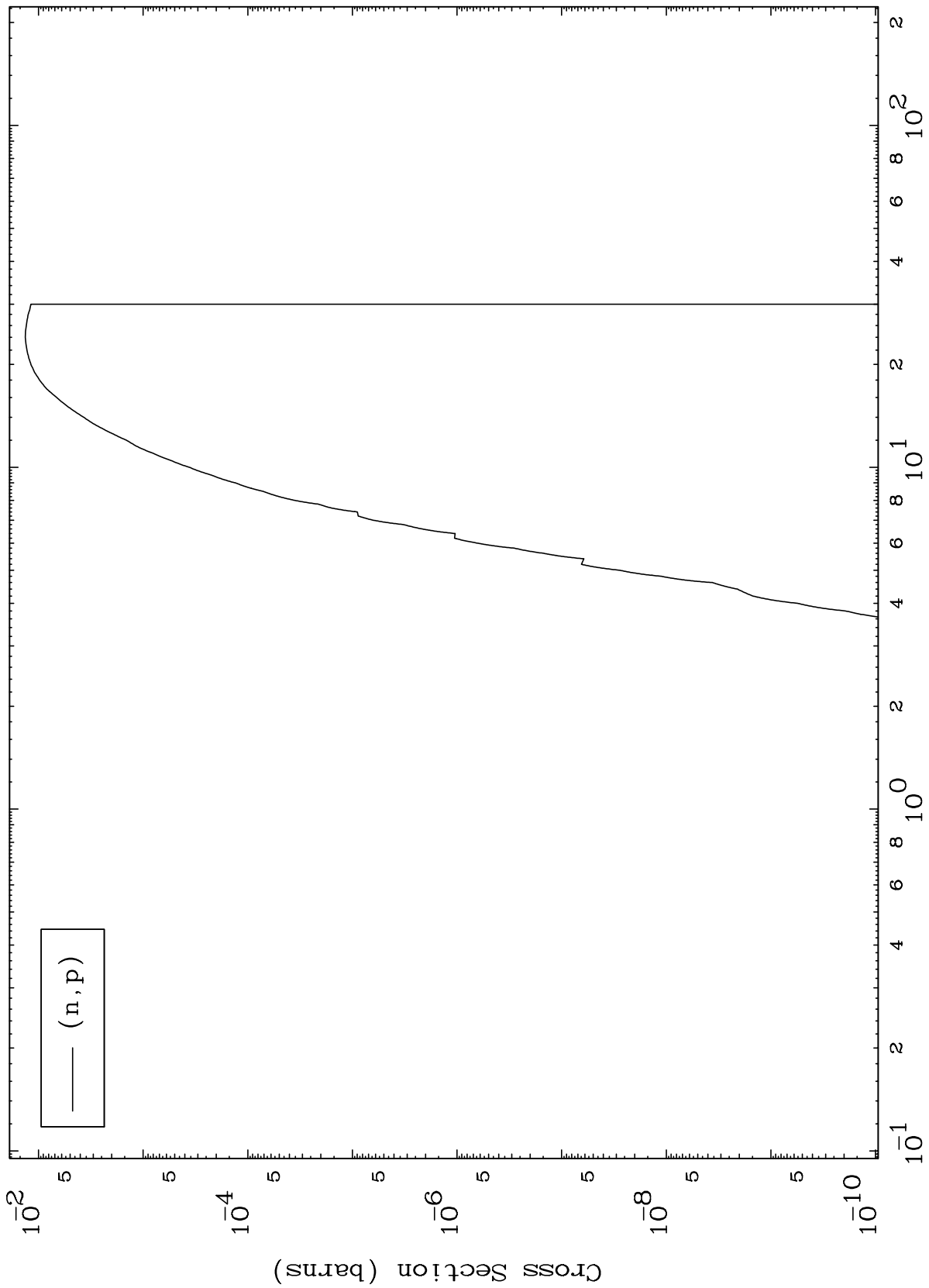
Incident Energy (MeV)

85-At-220

MAT 8576

(n,p) Levels  
293 Kelvin Cross Sections

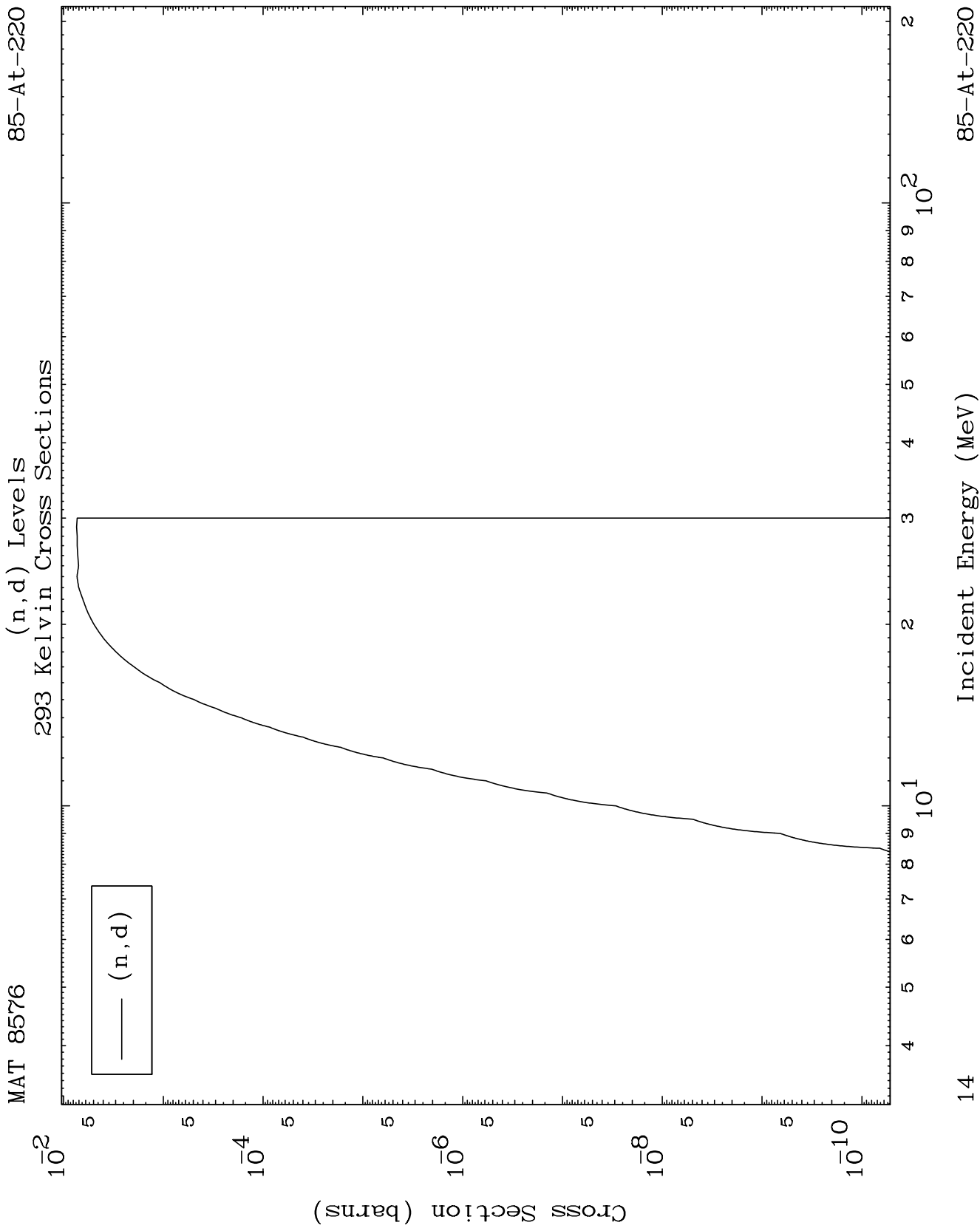
85-At-220



13

Incident Energy (MeV)

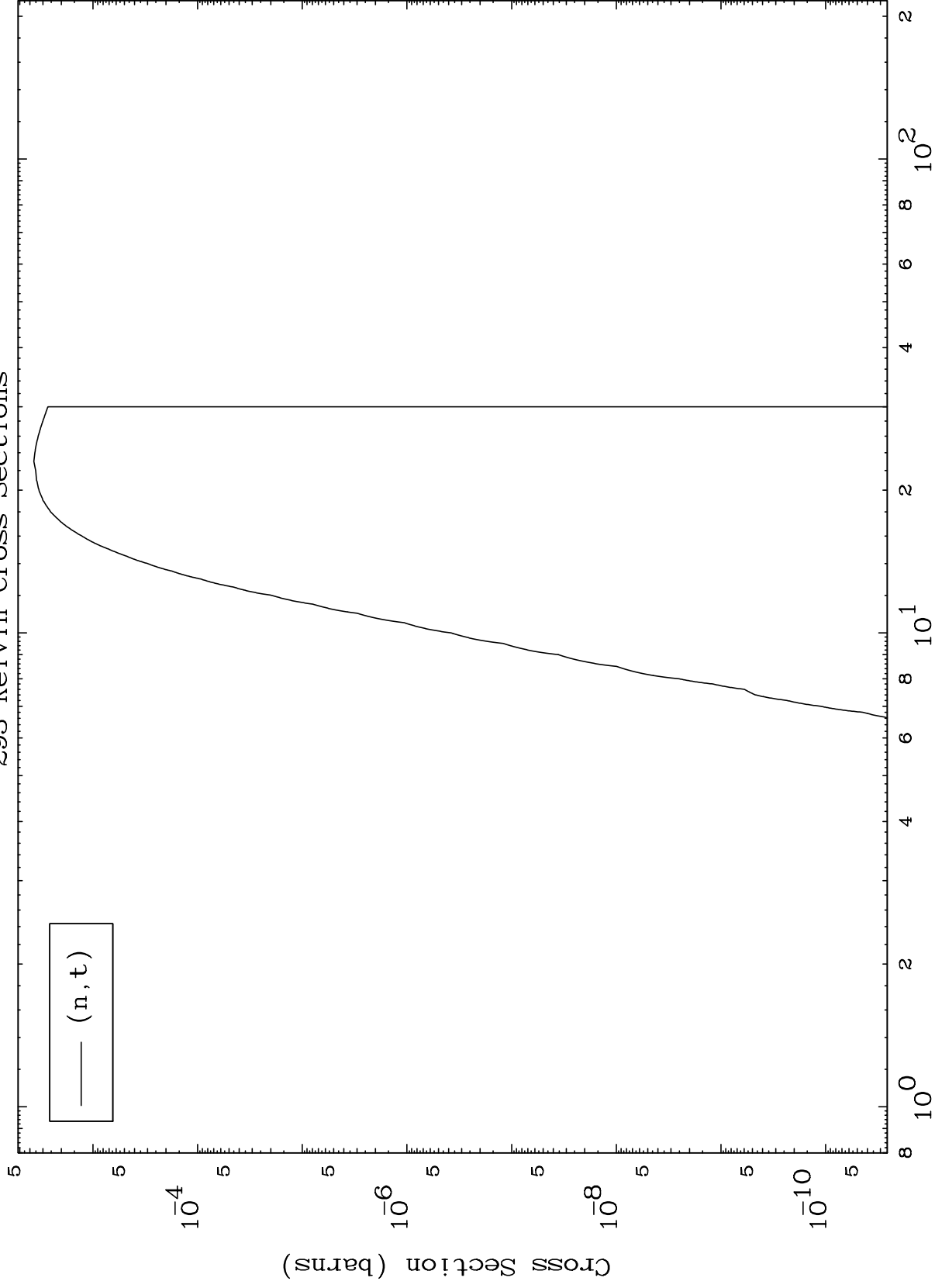
85-At-220



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(n,t) Levels  
293 Kelvin Cross Sections

85-At-220



15

Incident Energy (MeV)

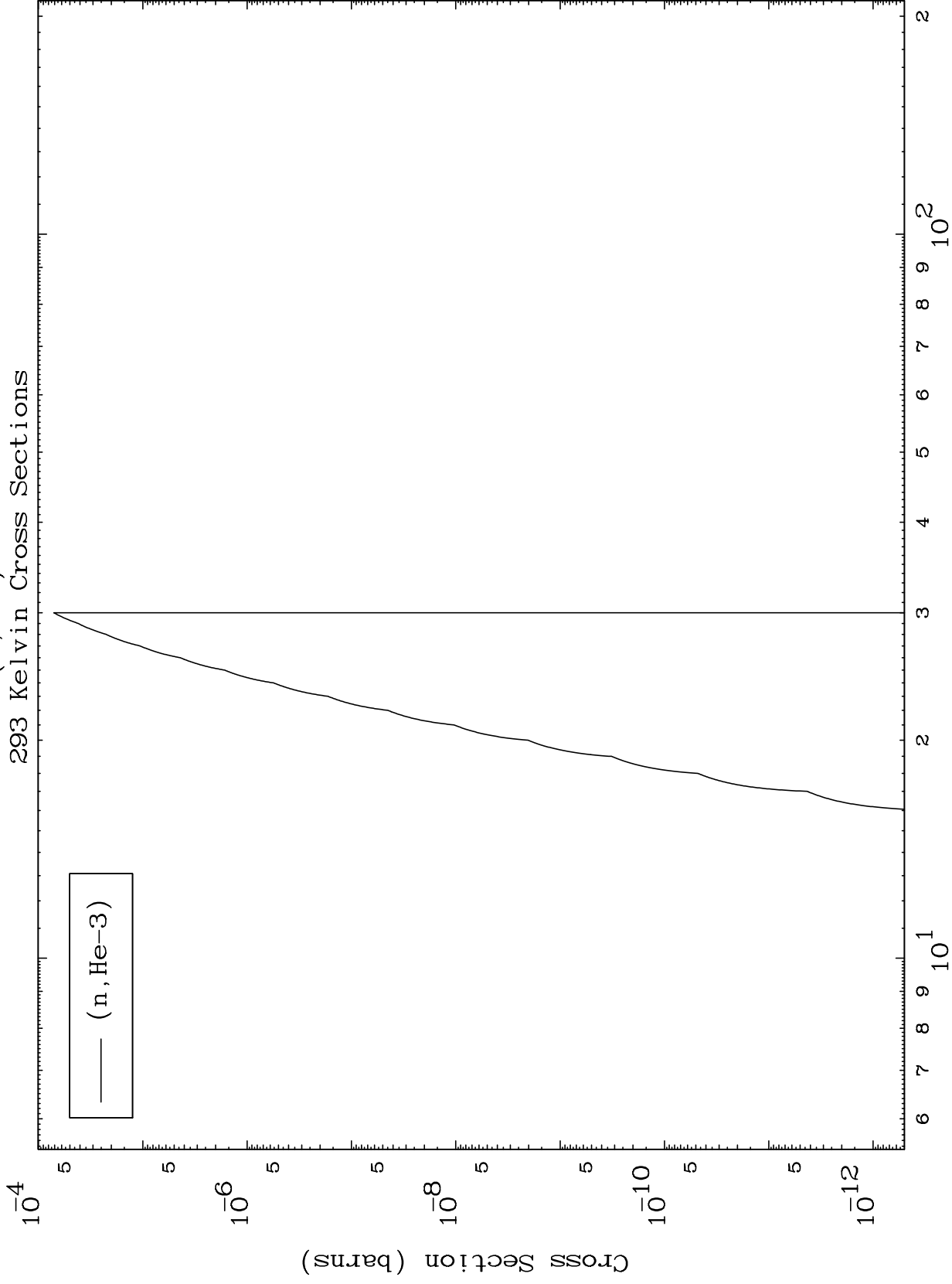
85-At-220



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(n,He3) Levels  
293 Kelvin Cross Sections

85-At-220



16

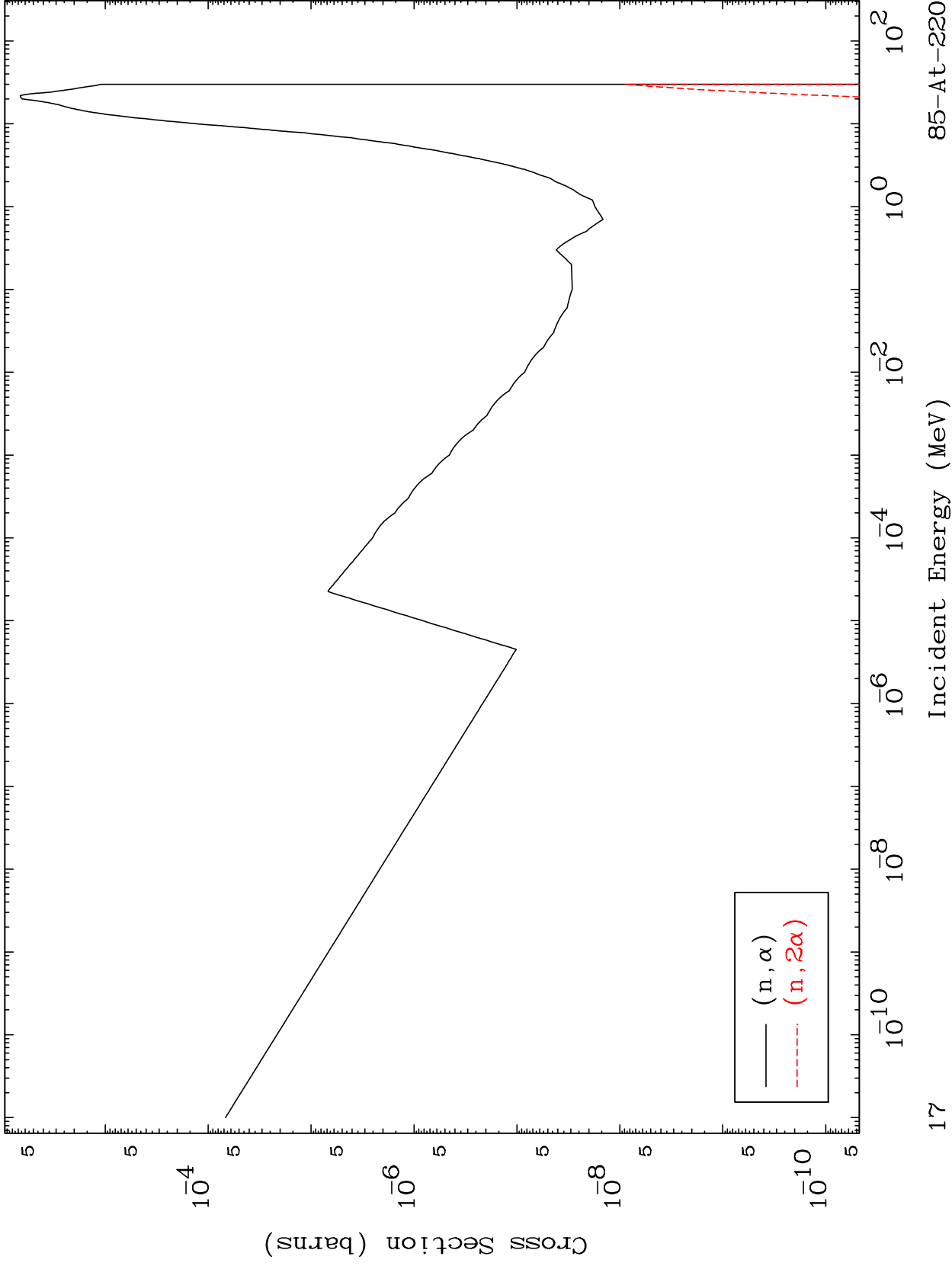
Incident Energy (MeV)

85-At-220

MAT 8576

(n,α) Levels  
293 Kelvin Cross Sections

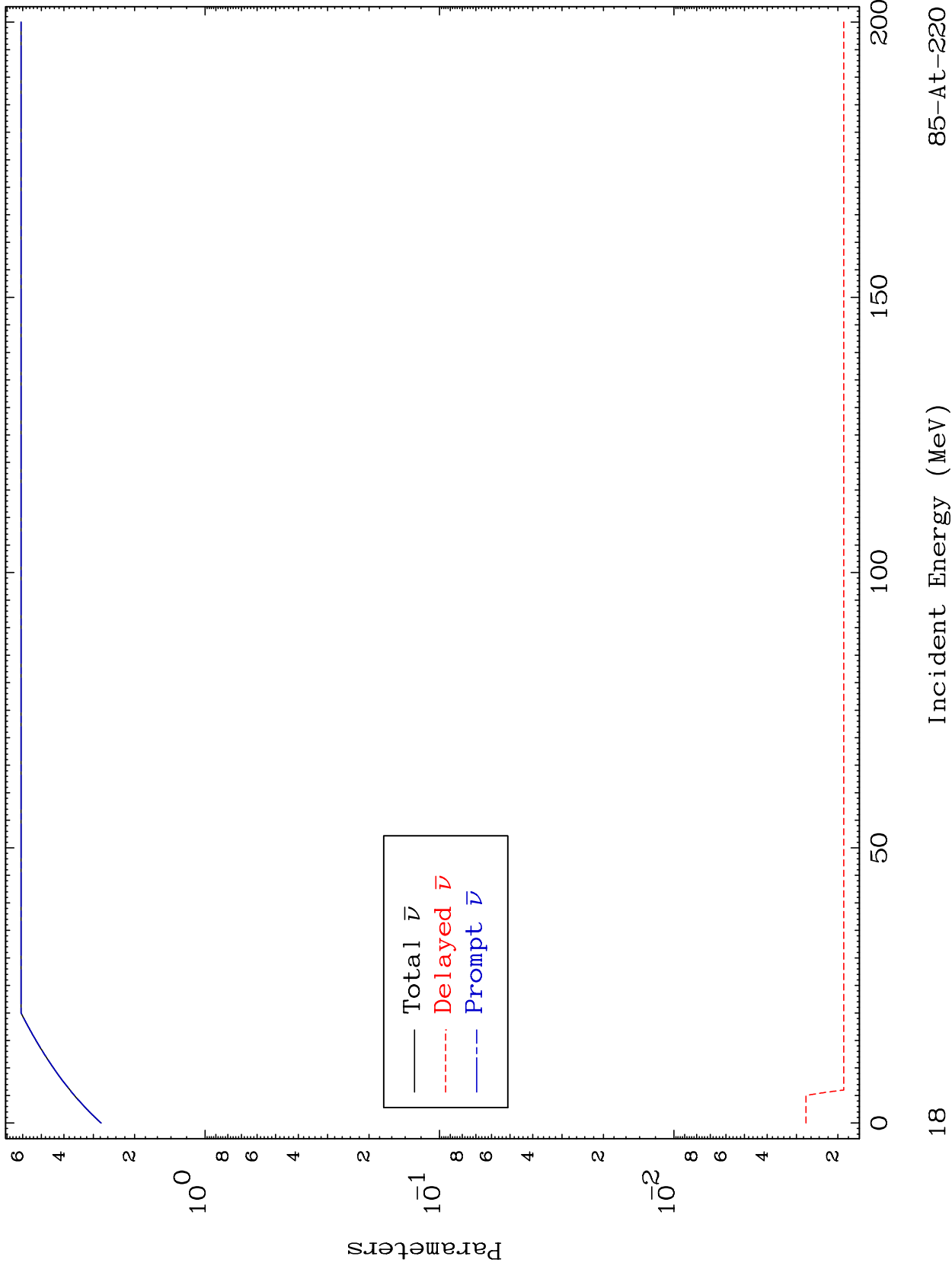
85-At-220



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Energy Release  
Parameters

85-At-220



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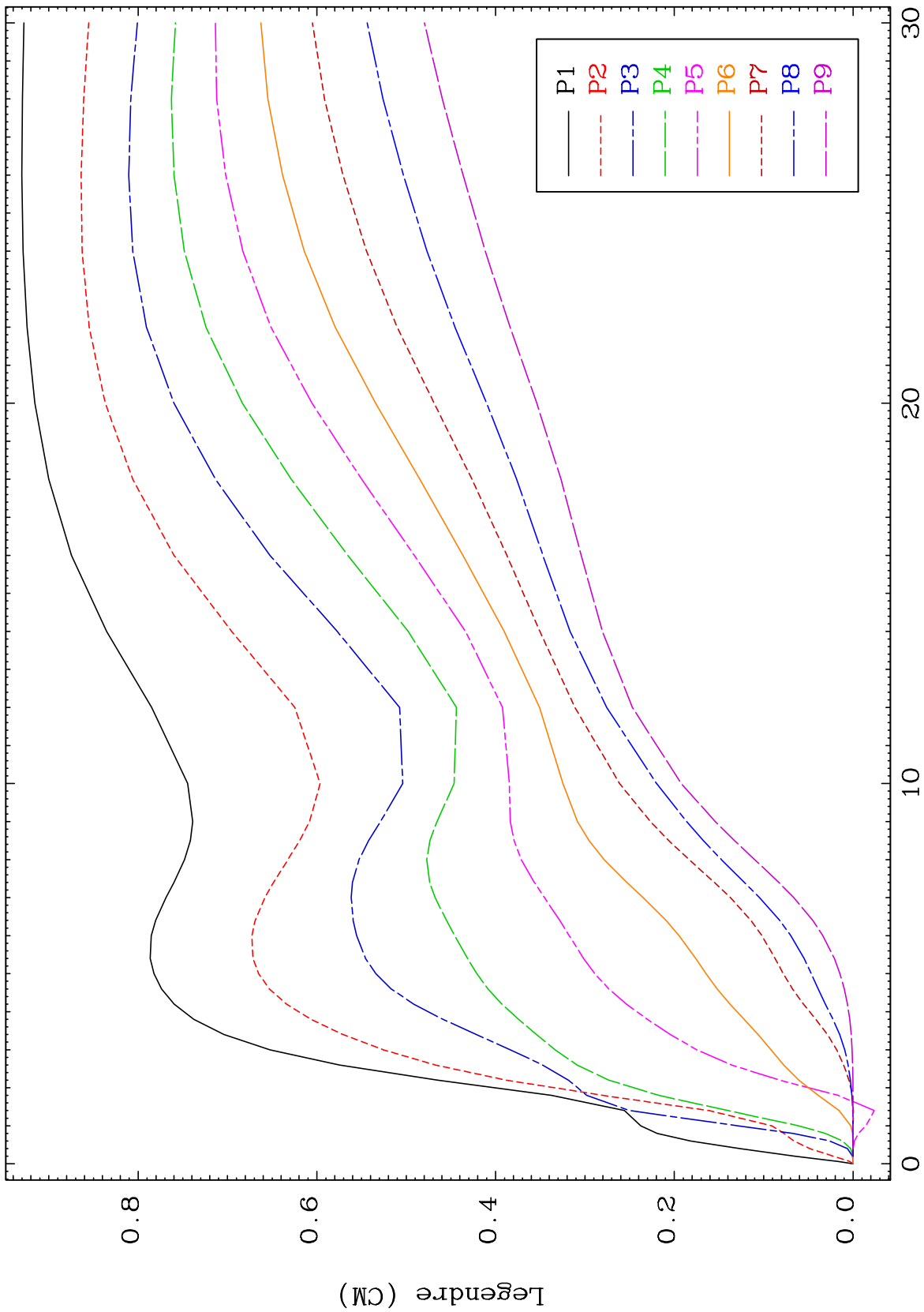
Incident Energy (MeV)

85-At-220

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85-At-220

Elastic Legendre Coefficients



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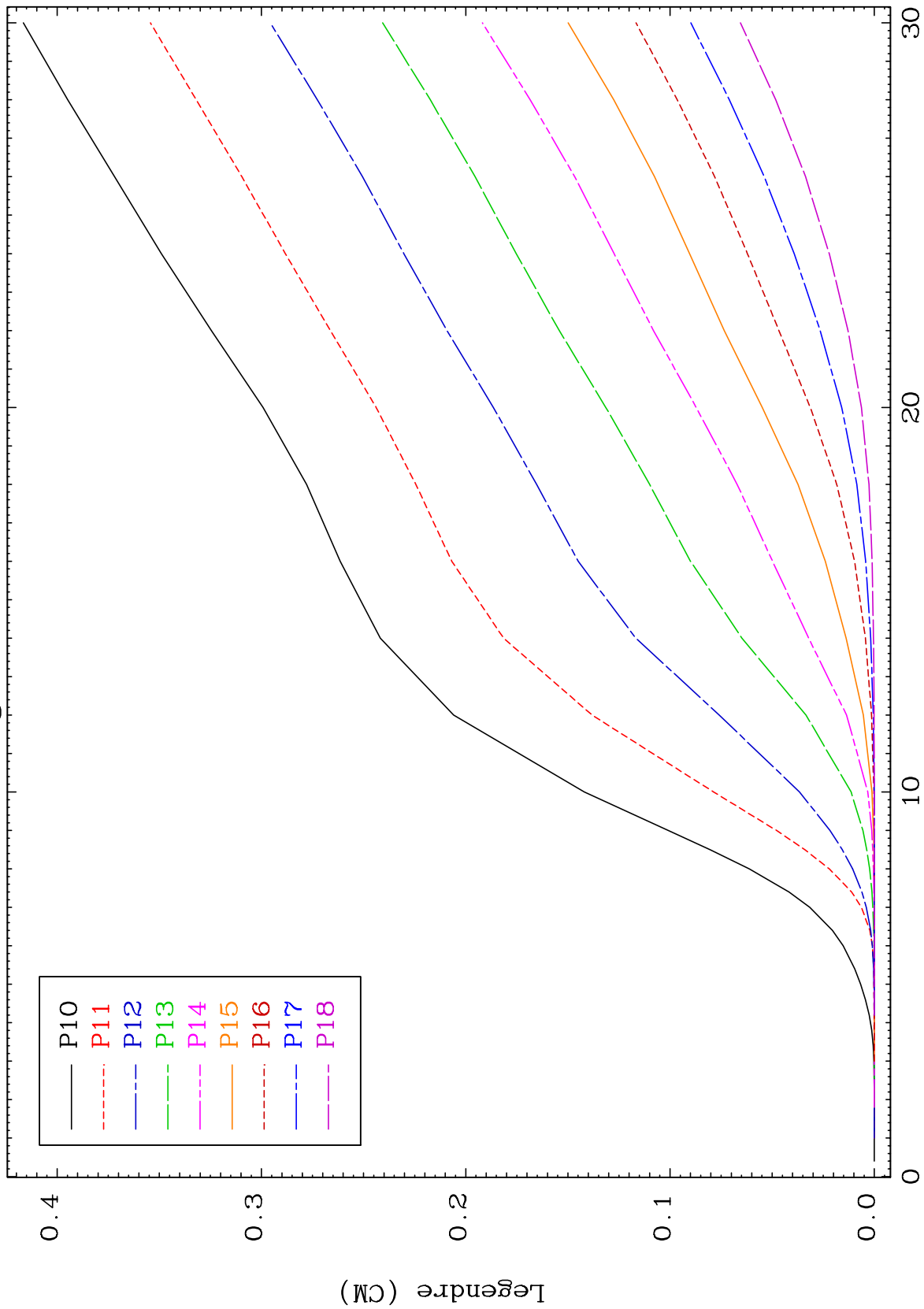
Incident Energy (MeV)

85-At-220

MAT 8576

Elastic Legendre Coefficients

85-At-220



20

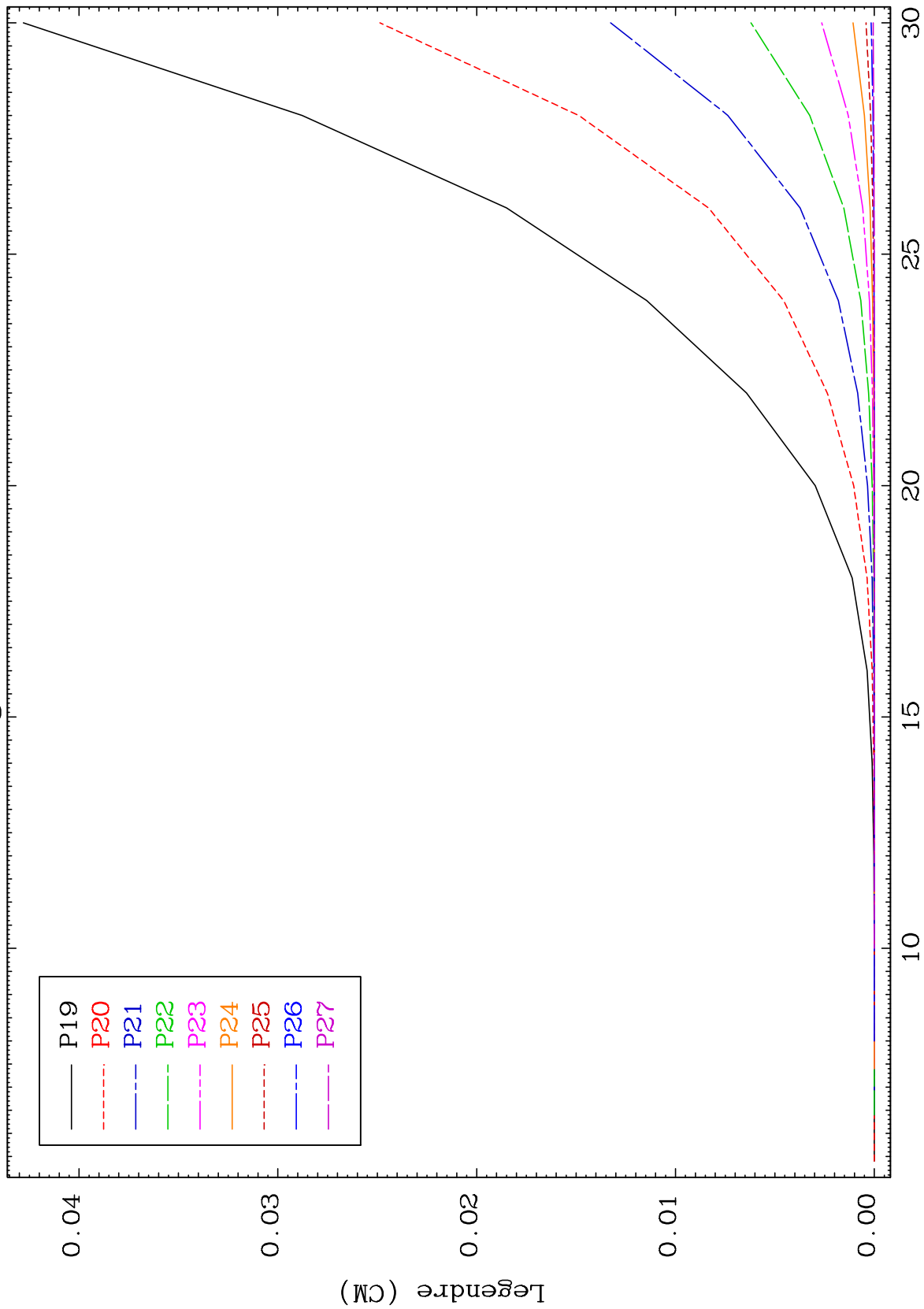
Incident Energy (MeV)

85-At-220

MAT 8576

Elastic Legendre Coefficients

85-At-220



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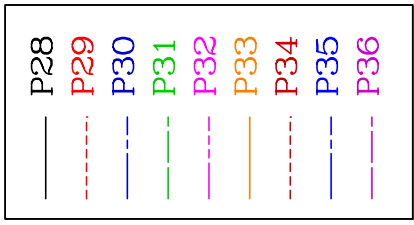
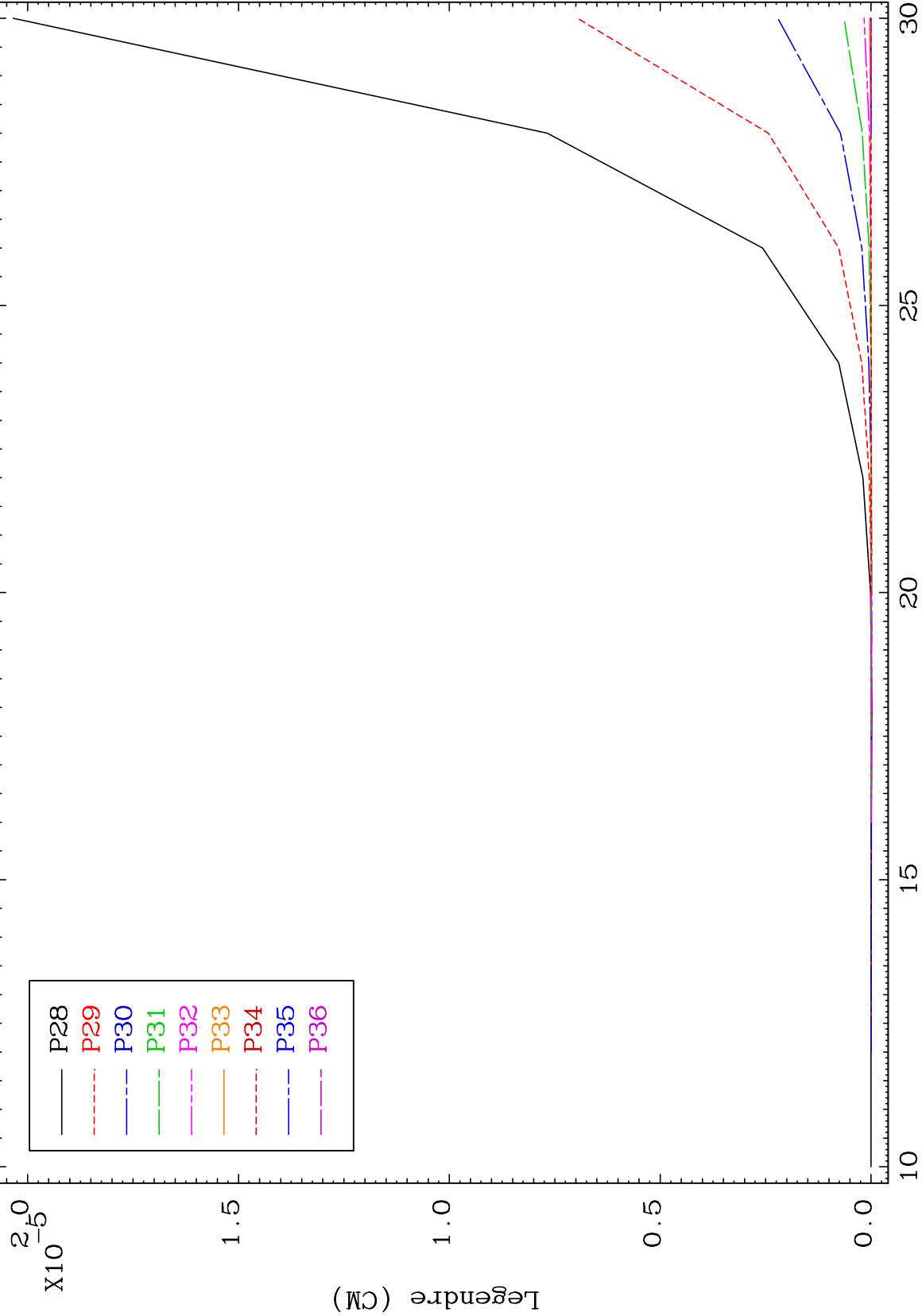
Incident Energy (MeV)

85-At-220

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Elastic Legendre Coefficients

85-At-220



22

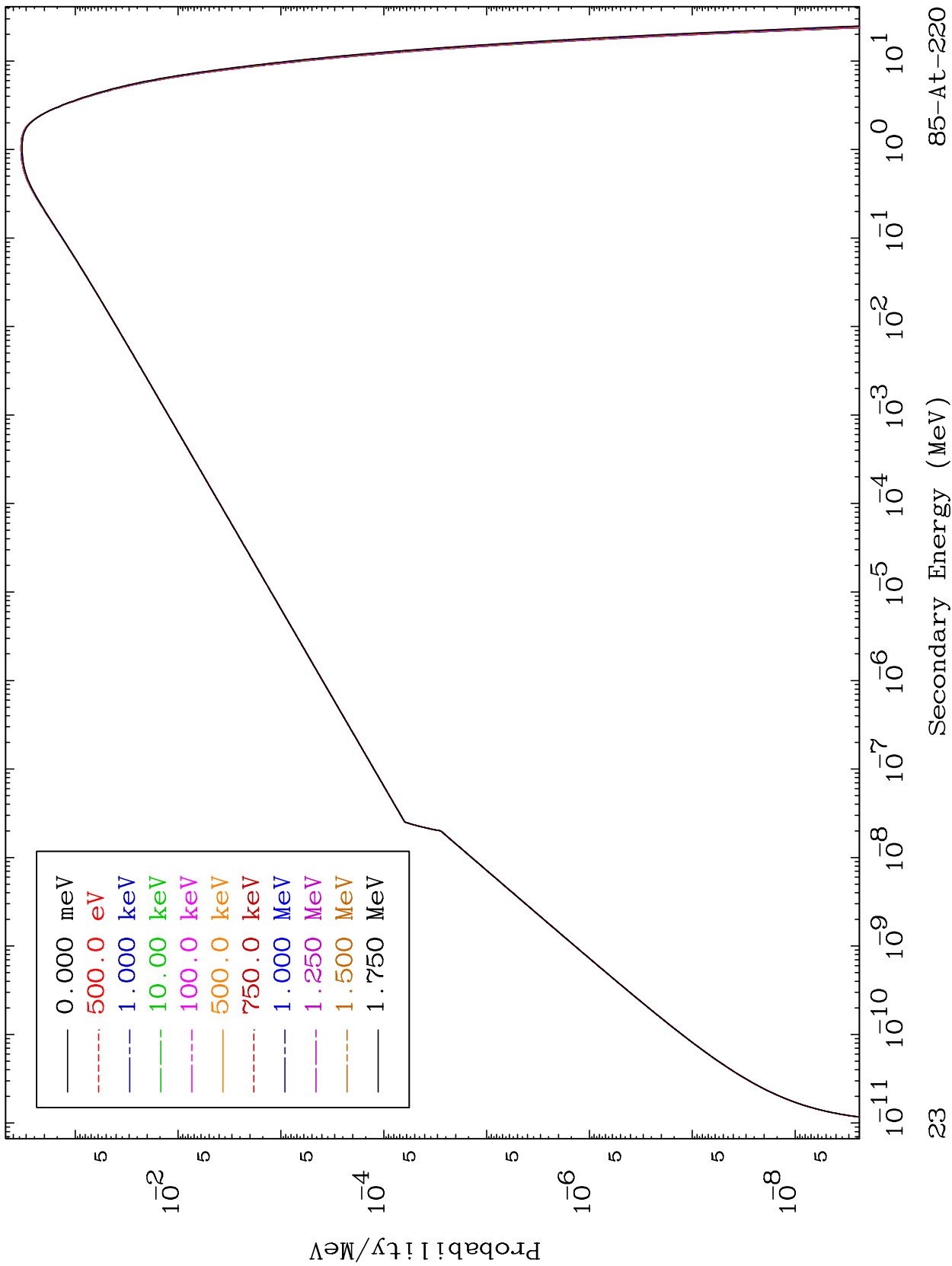
Incident Energy (MeV)

85-At-220

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### Fission Energy Distributions

85-At-220



85-At-220

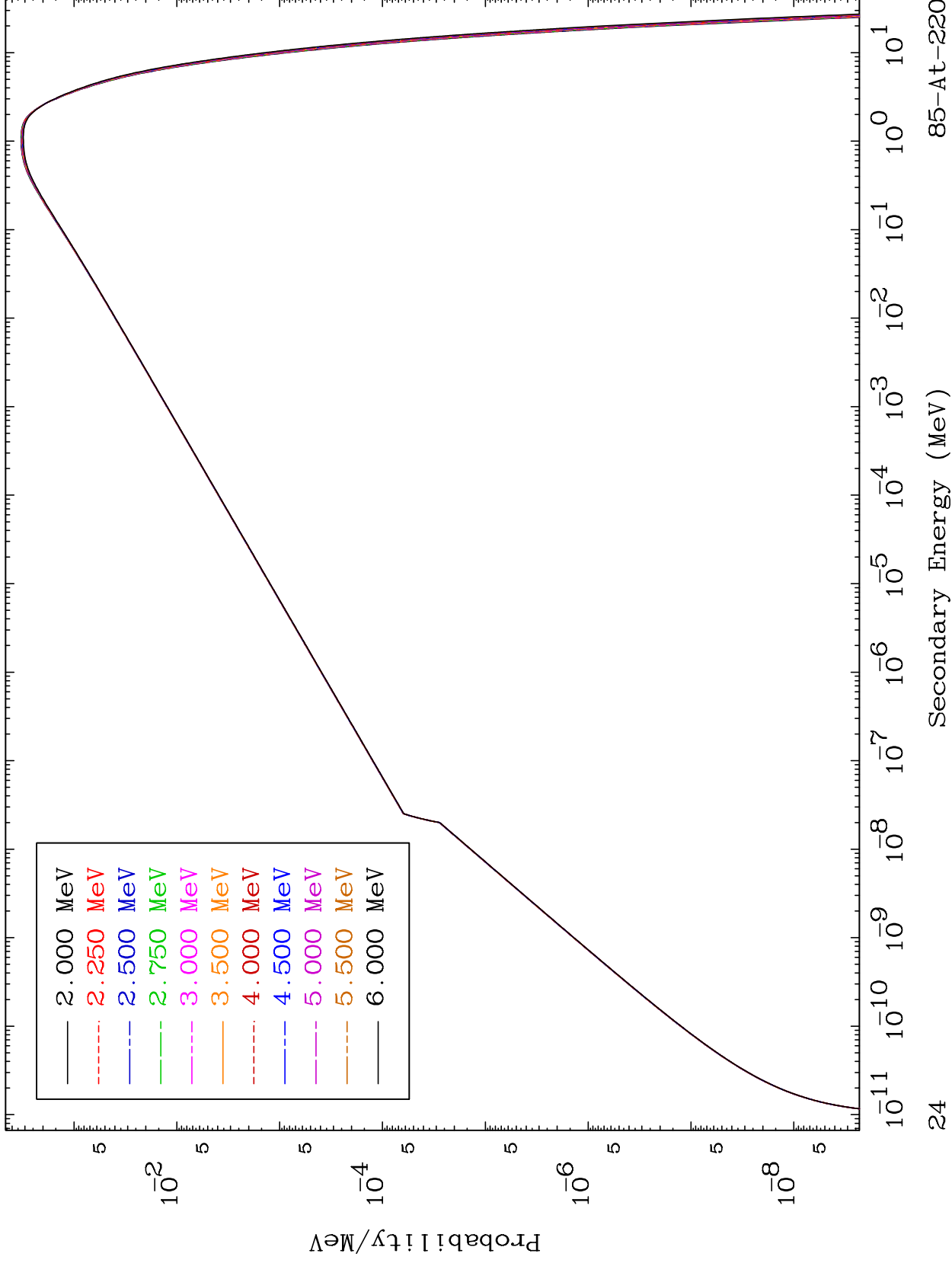
Secondary Energy (MeV)



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### Fission Energy Distributions

85-At-220



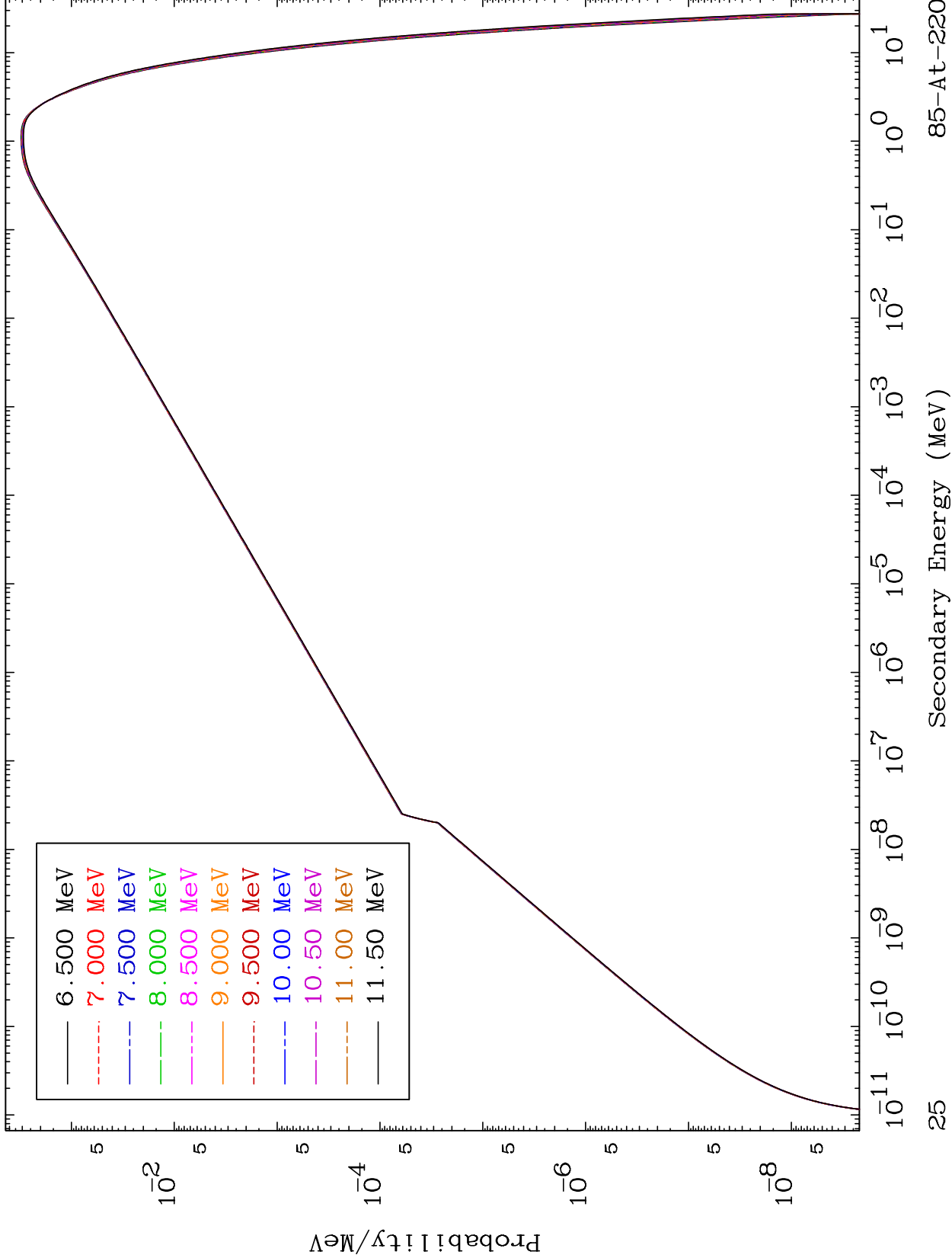
24

85-At-220

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### Fission Energy Distributions

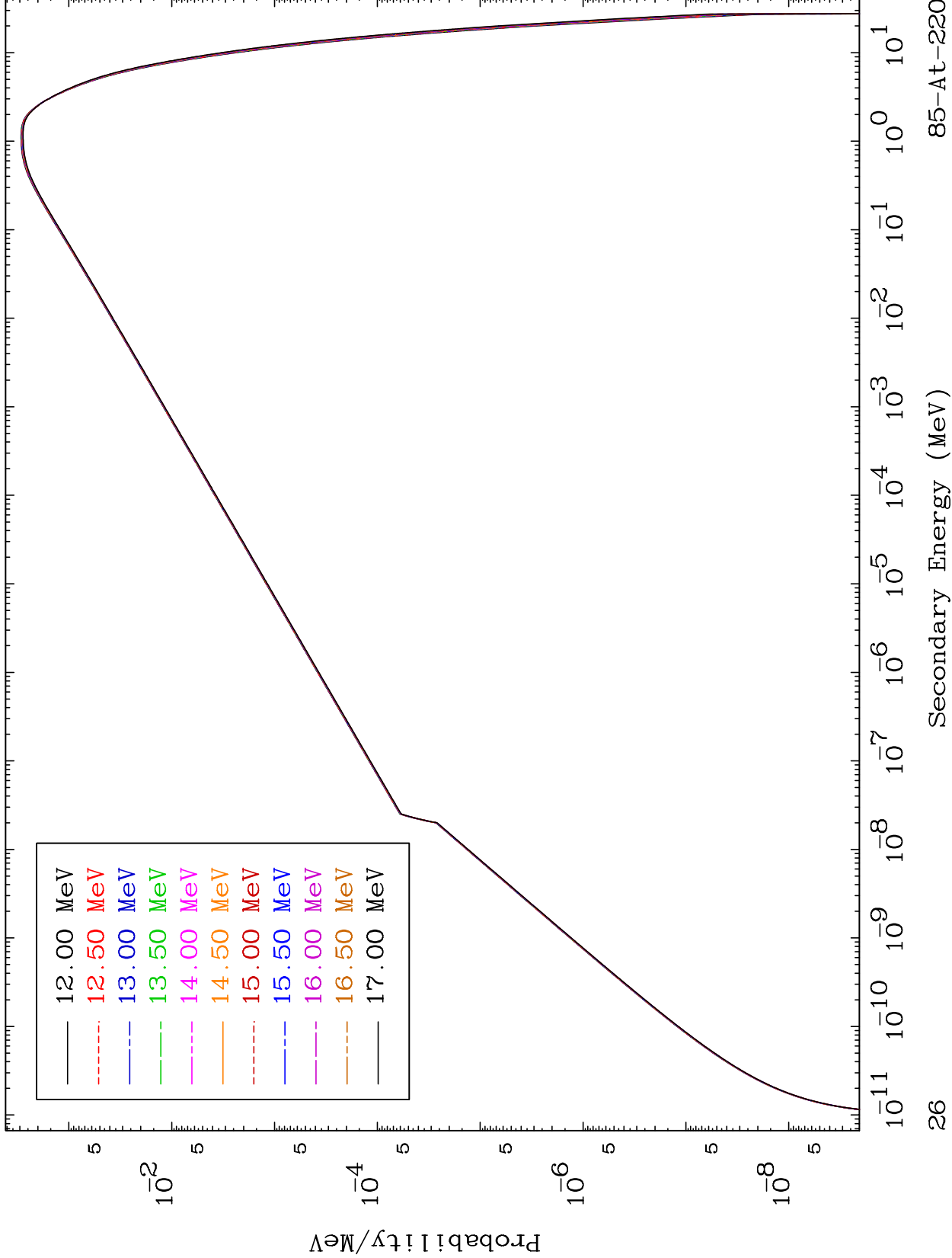
85-At-220



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### Fission Energy Distributions

85-At-220

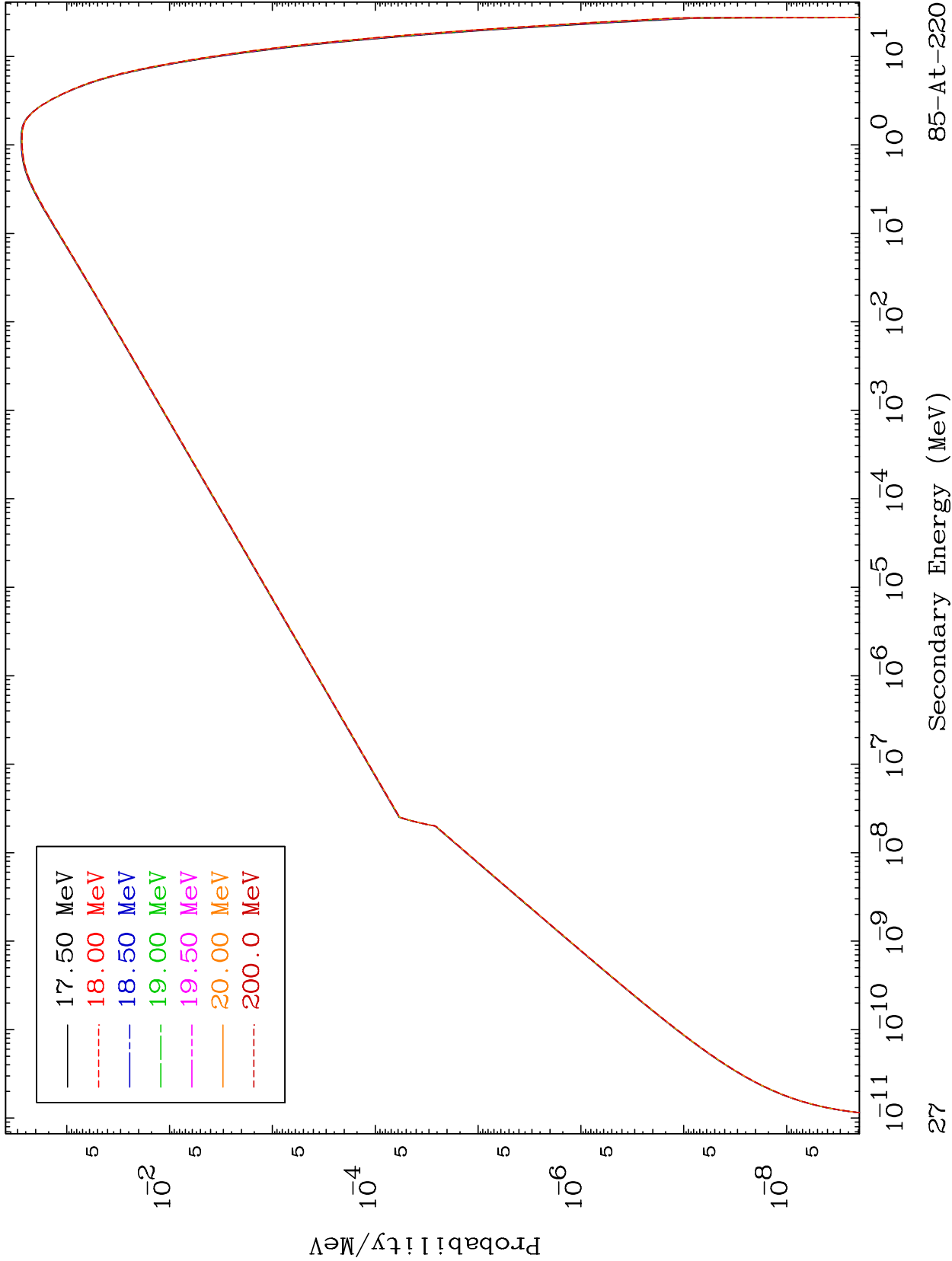


85-At-220

Secondary Energy (MeV)

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Fission Energy Distributions

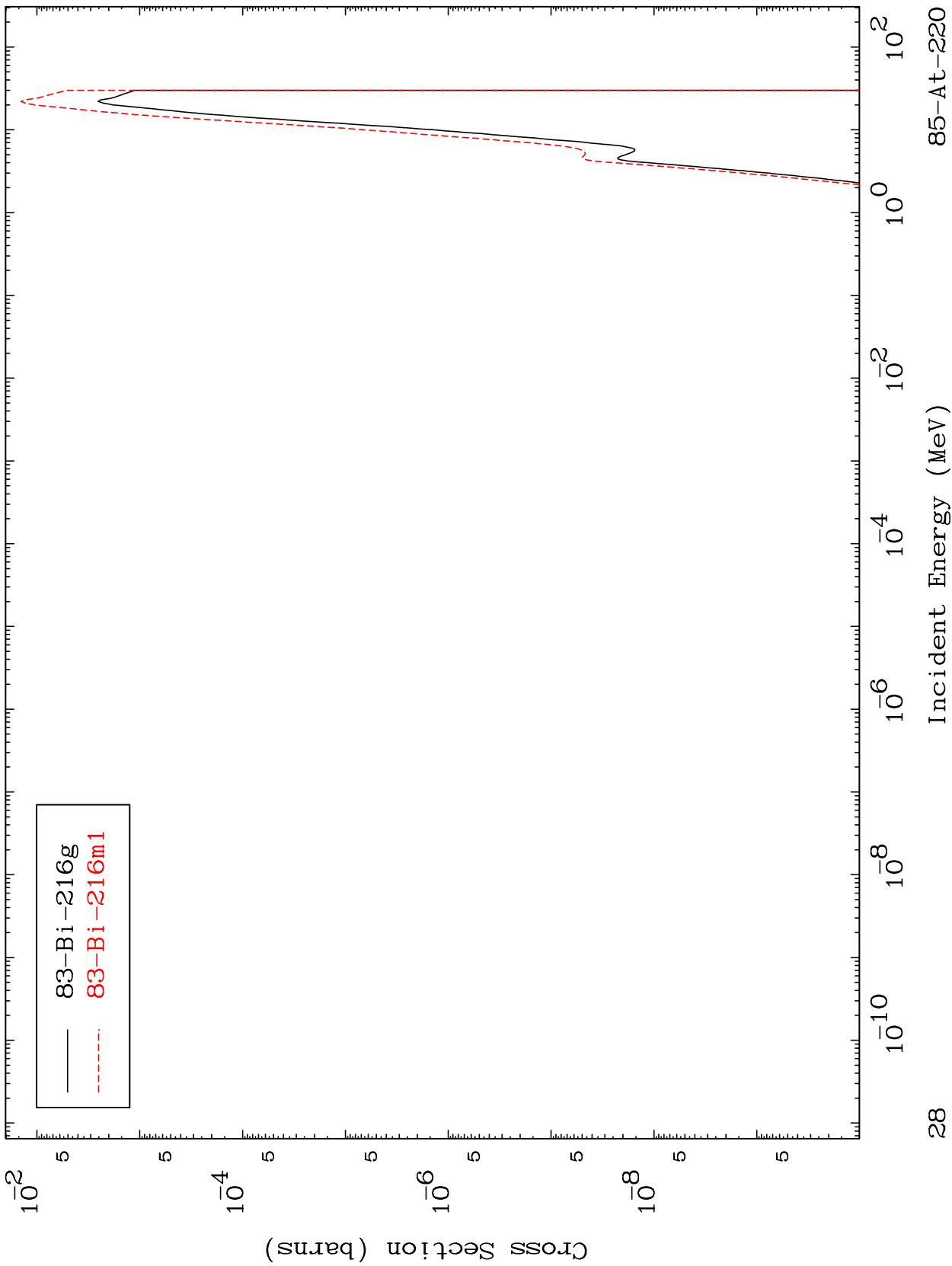


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$(n, n') \alpha$

85-At-220

Radionuclide Production Cross Section

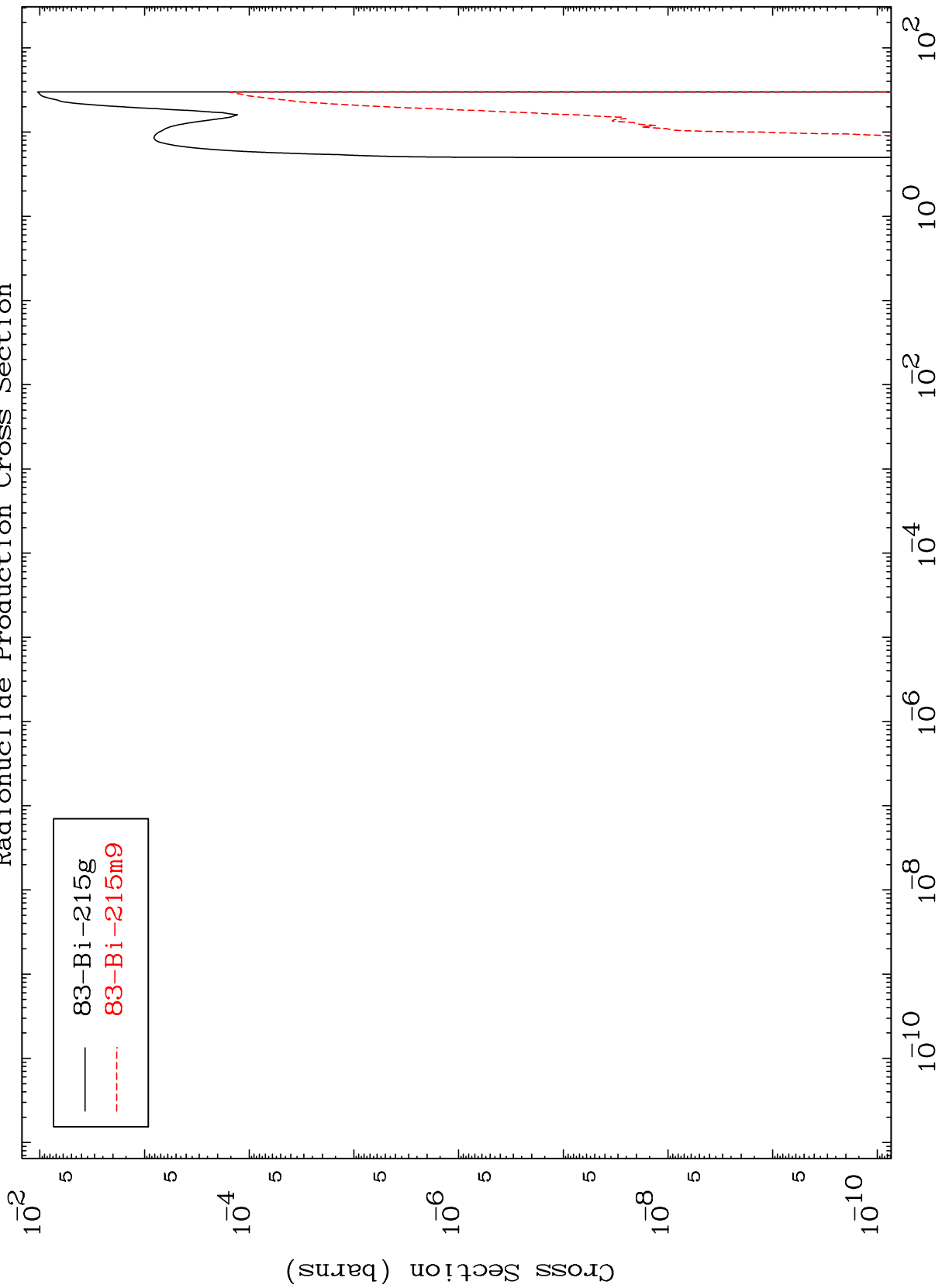


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(n,2n)  $\alpha$

85-At-220

Radionuclide Production Cross Section

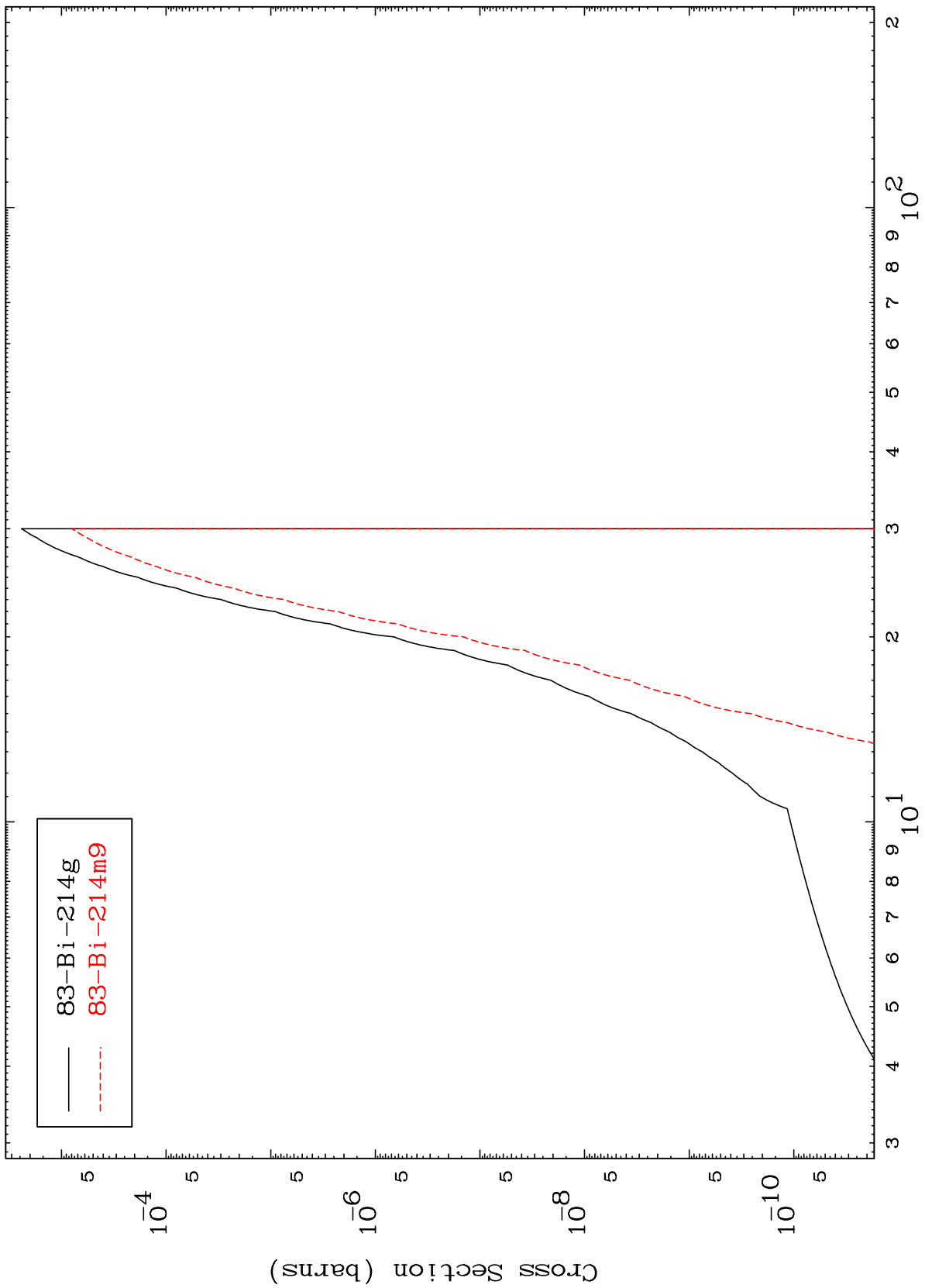


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$(n,3n) \alpha$

85-At-220

Radionuclide Production Cross Section



83-Bi-214g  
83-Bi-214m9

30

Incident Energy (MeV)

85-At-220