

Program EVALPLOT  
(Version 2021-1)

by

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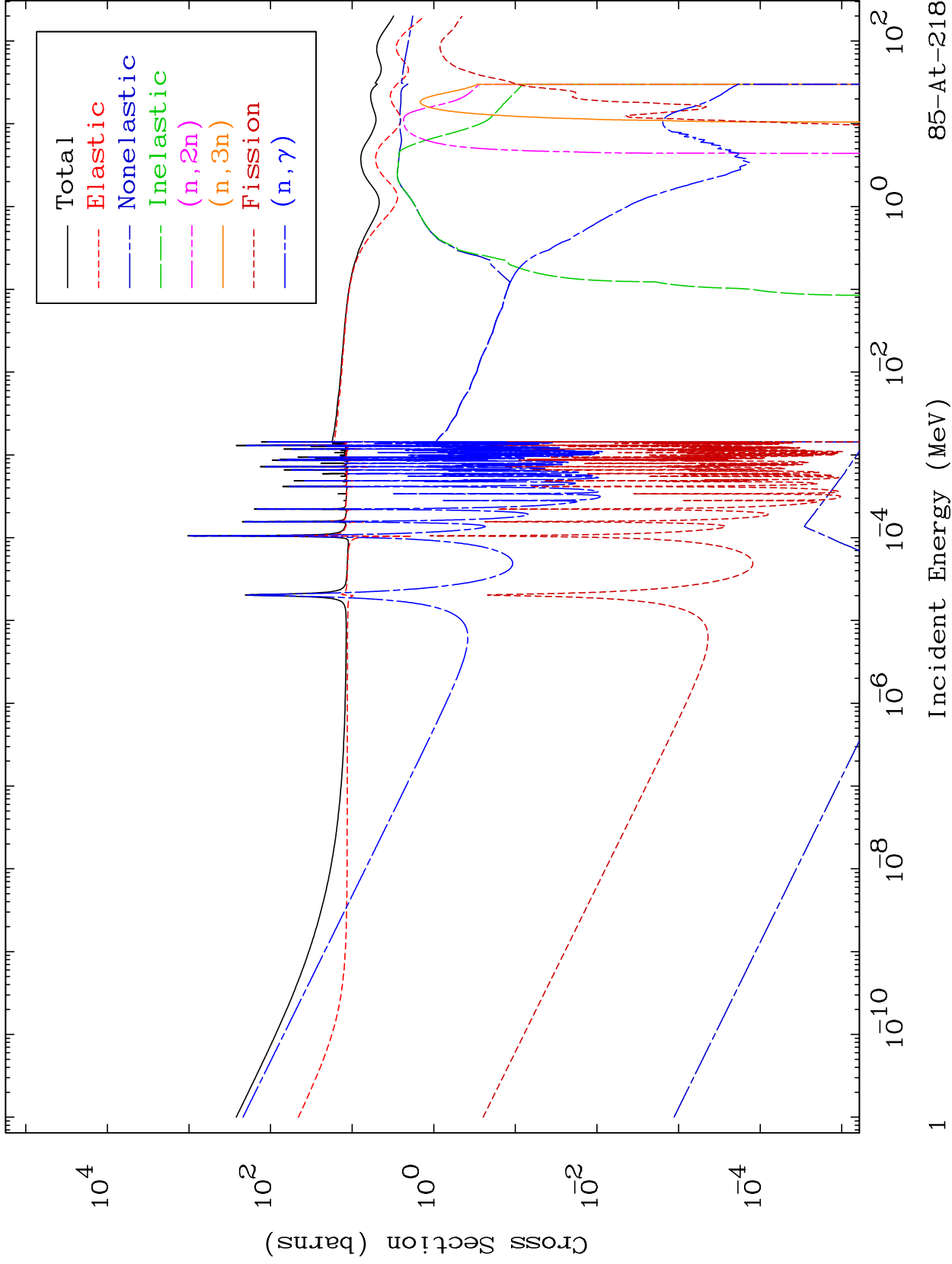
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Press Mouse Button to Start

MAT 8570

Neutron Major  
293 Kelvin Cross Sections

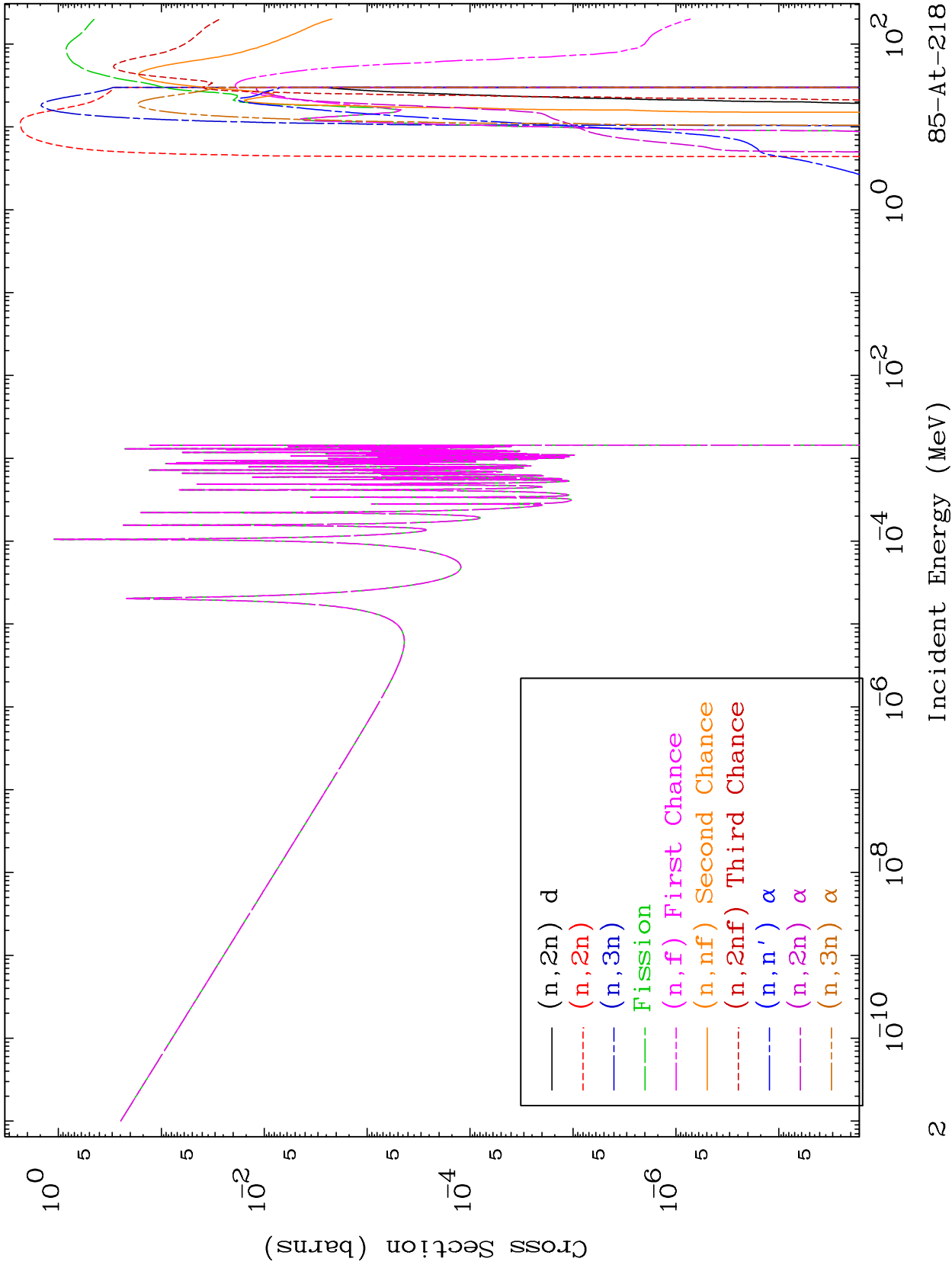
85-At-218



MAT 8570

Neutron Absorption  
293 Kelvin Cross Sections

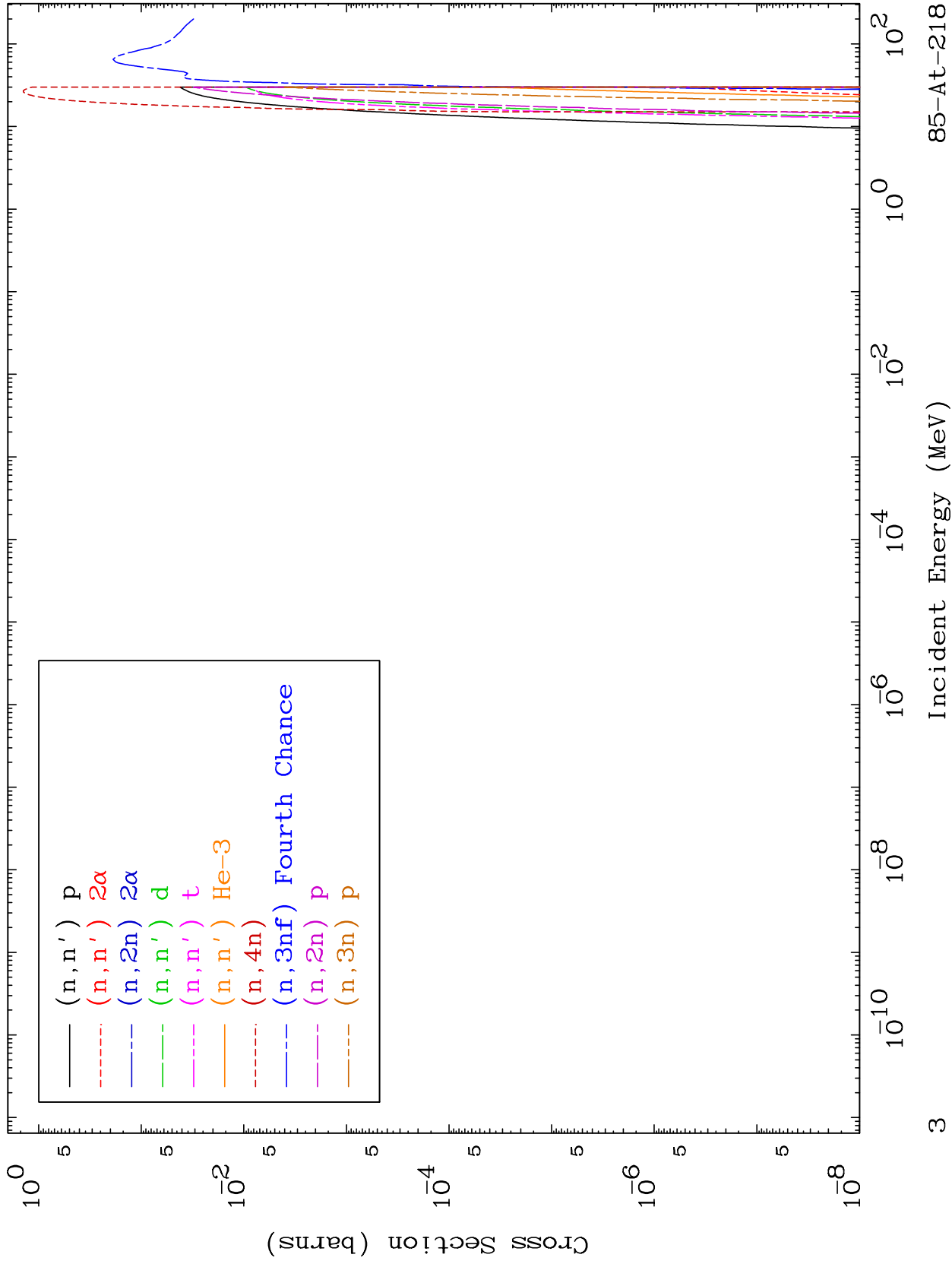
85-At-218



MAT 8570

Neutron Absorption  
293 Kelvin Cross Sections

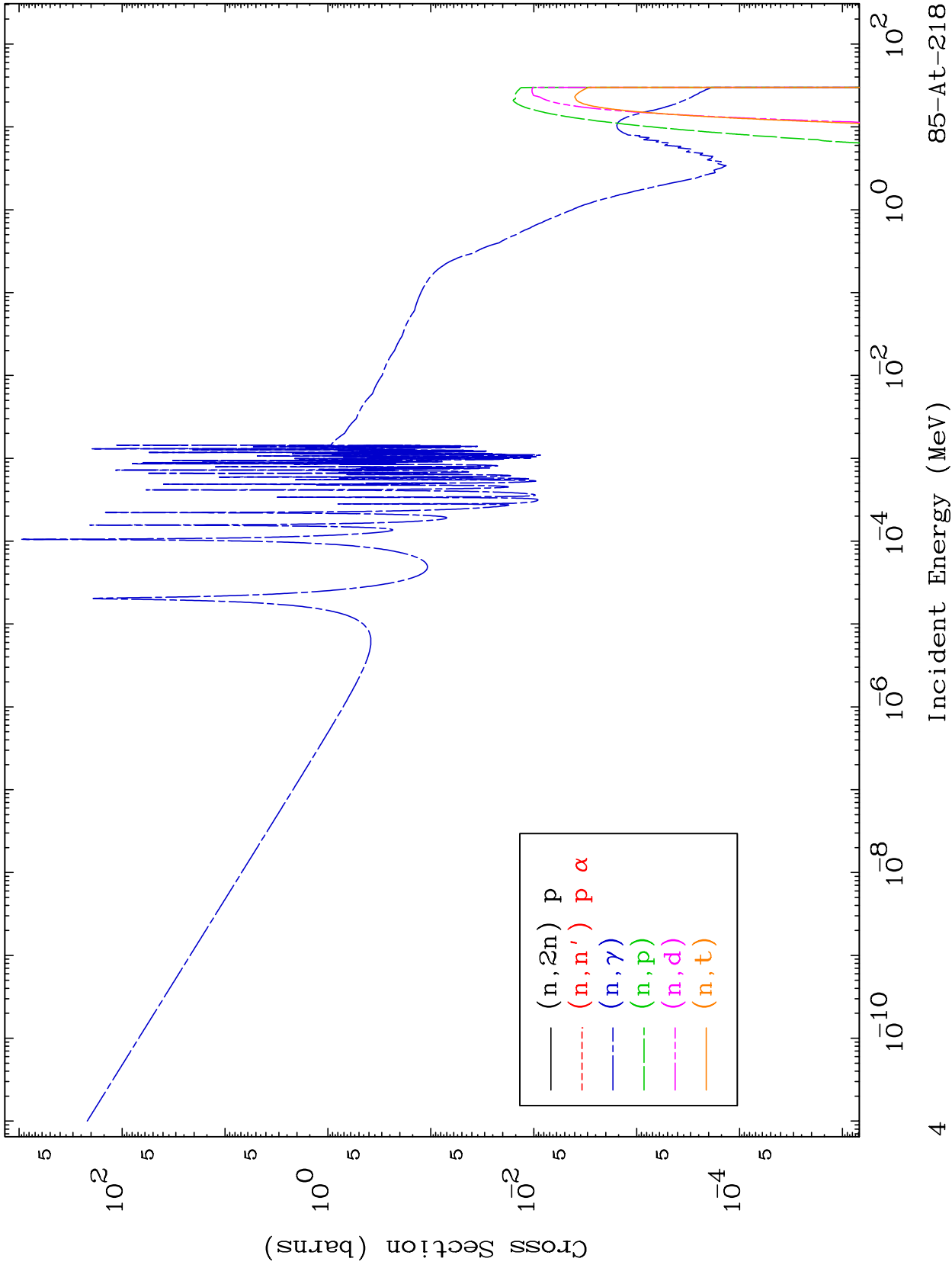
85-At-218



MAT 8570

Neutron Absorption  
293 Kelvin Cross Sections

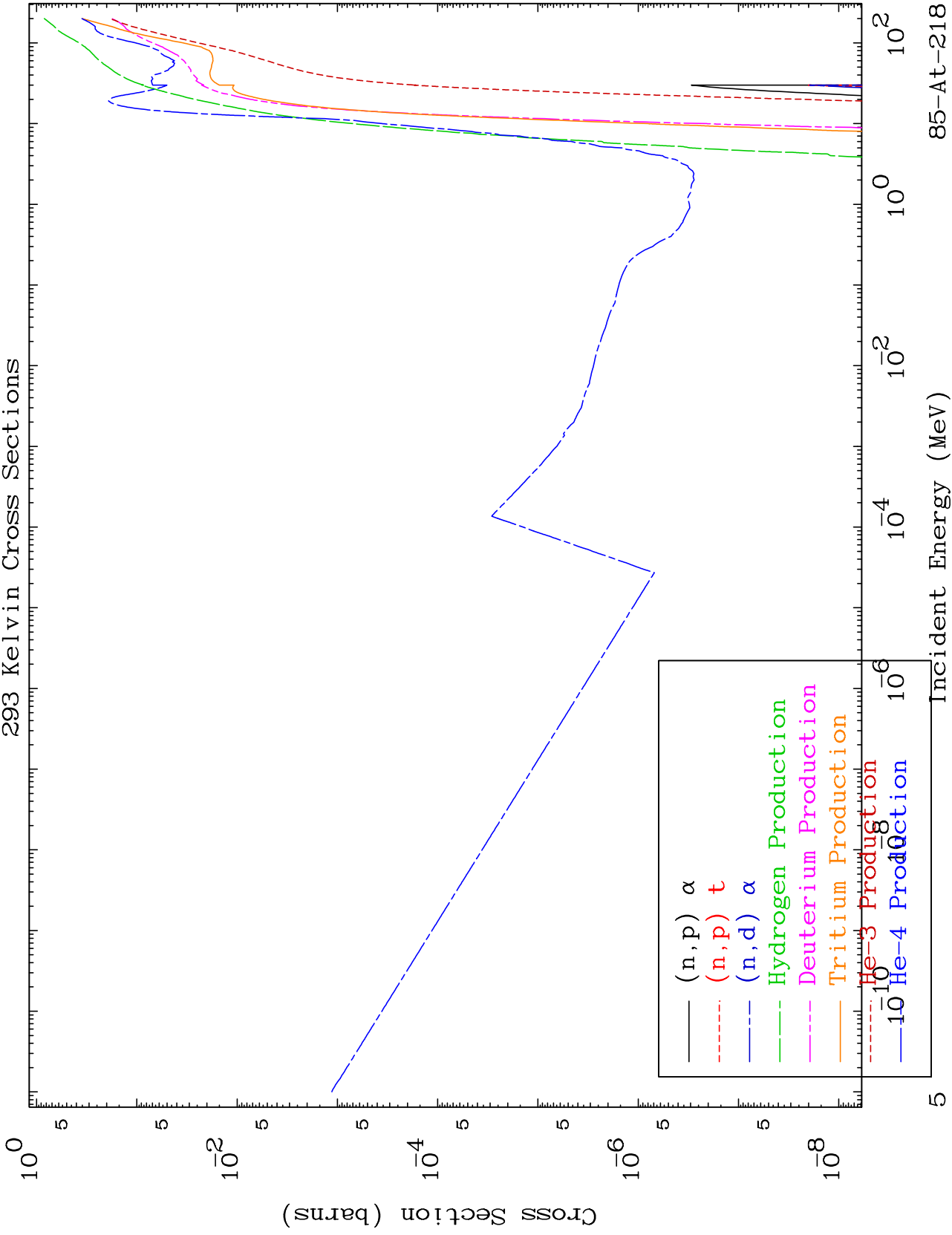
85-At-218



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Neutron Absorption  
293 Kelvin Cross Sections

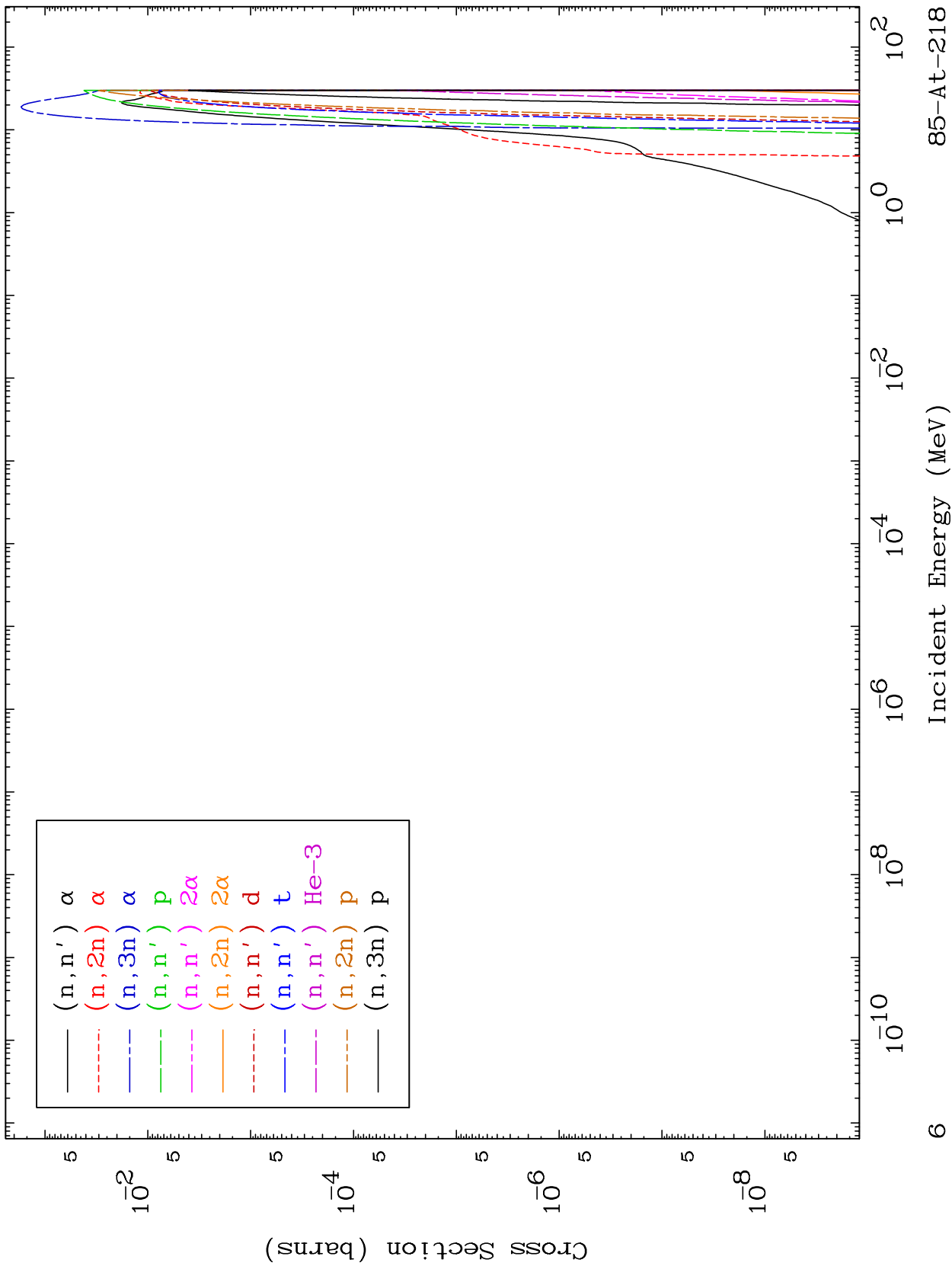
85-At-218



MAT 8570

Charged Particle  
293 Kelvin Cross Sections

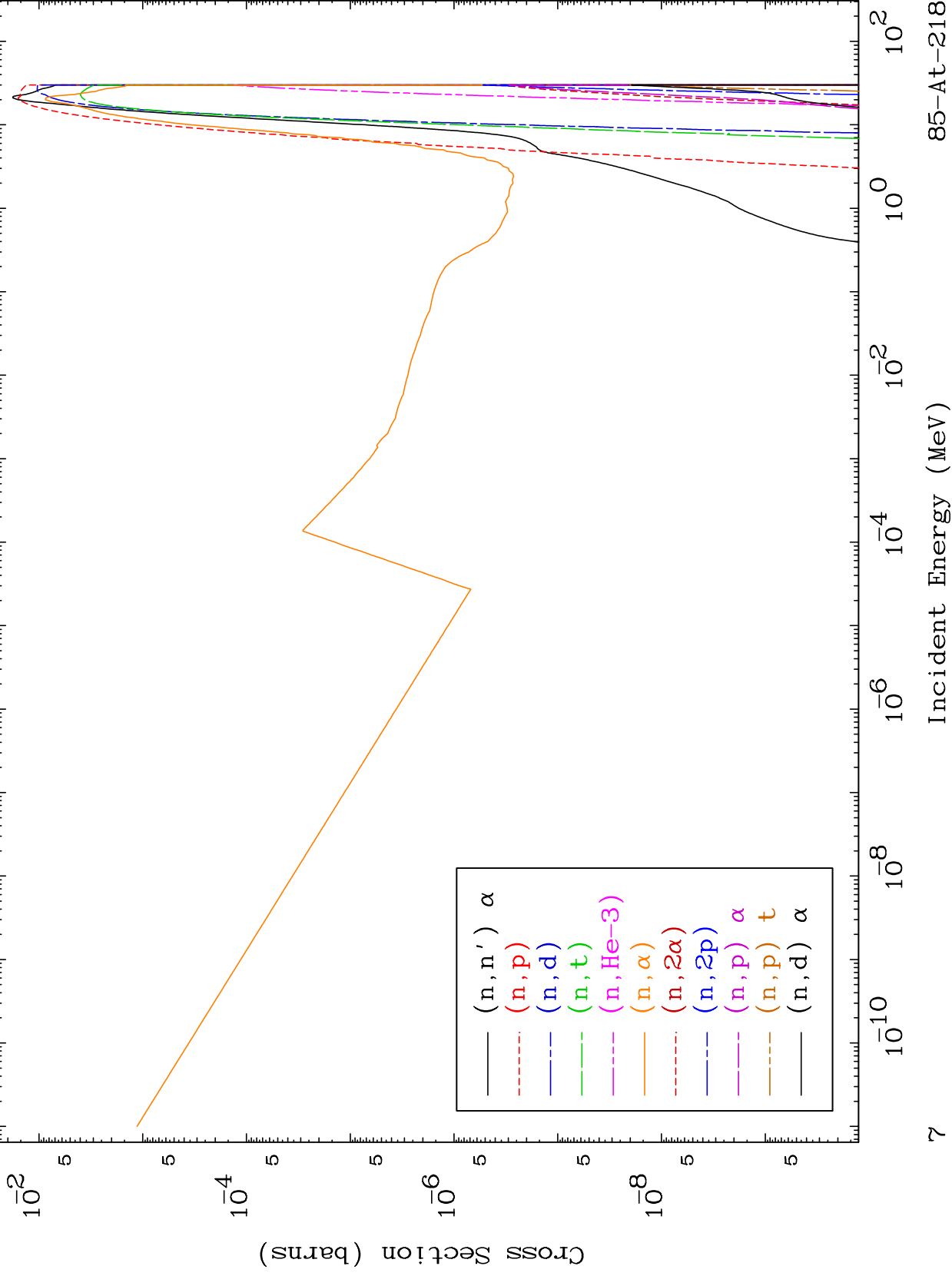
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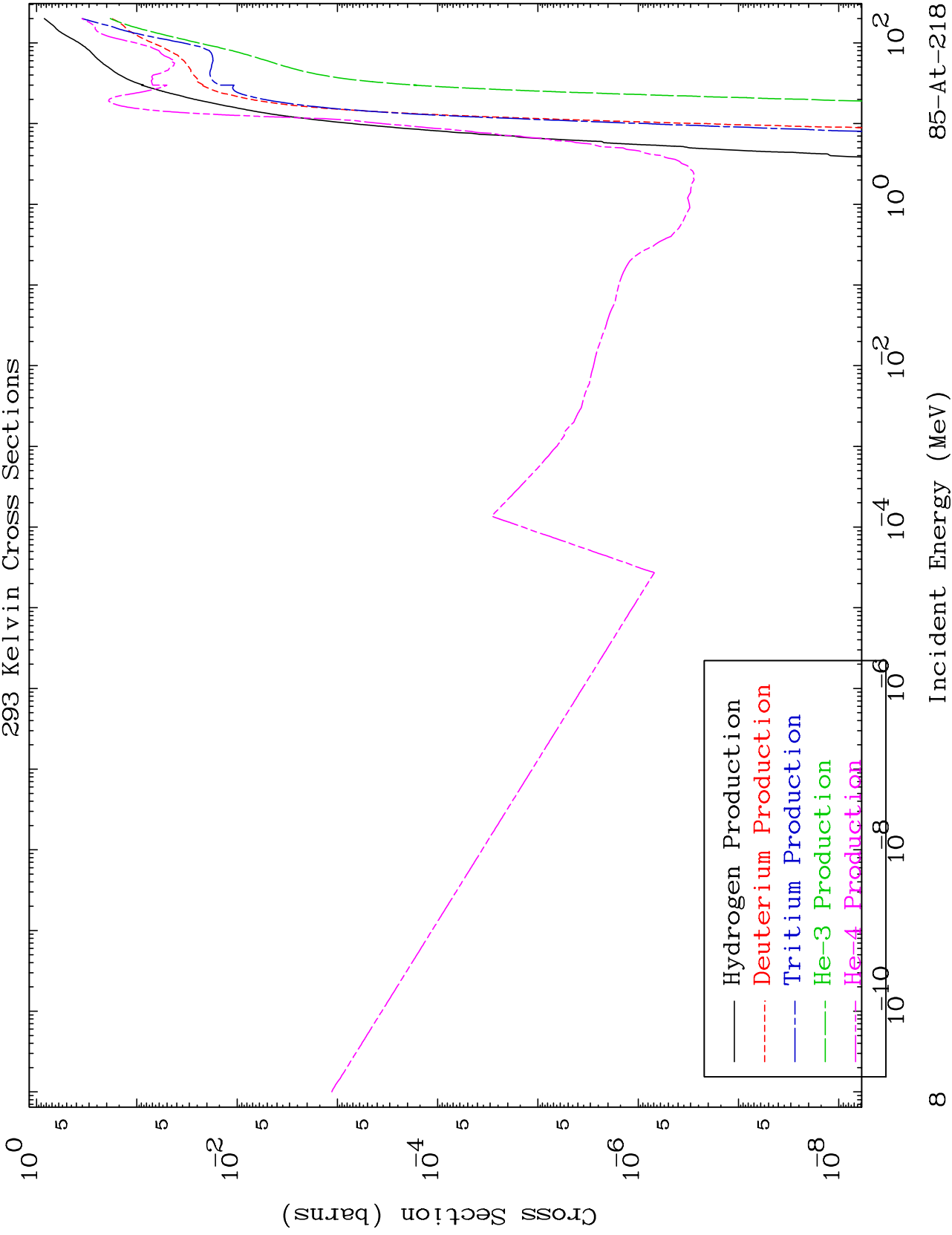
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Charged Particle  
293 Kelvin Cross Sections

85-At-218



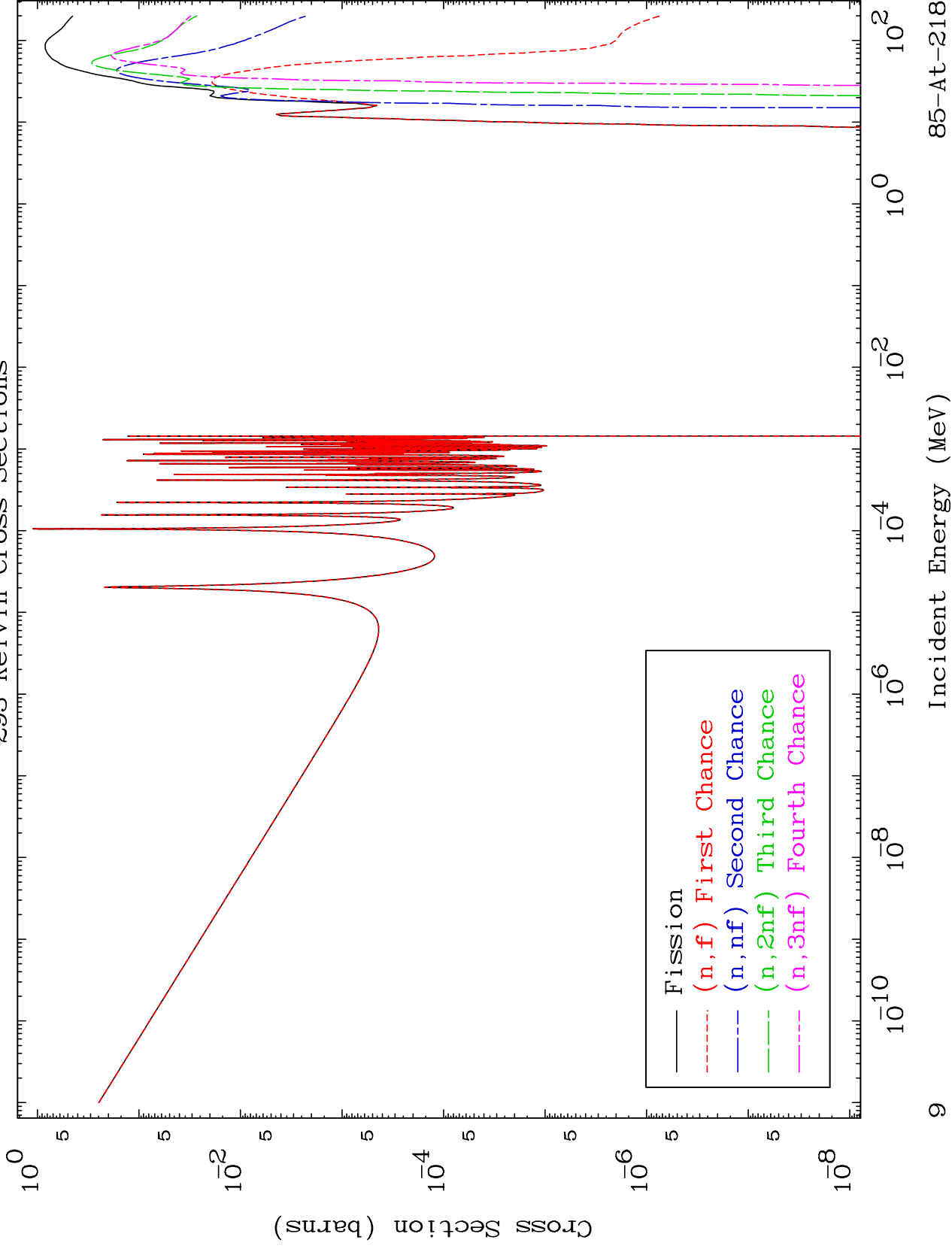




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Fission  
293 Kelvin Cross Sections

85-At-218

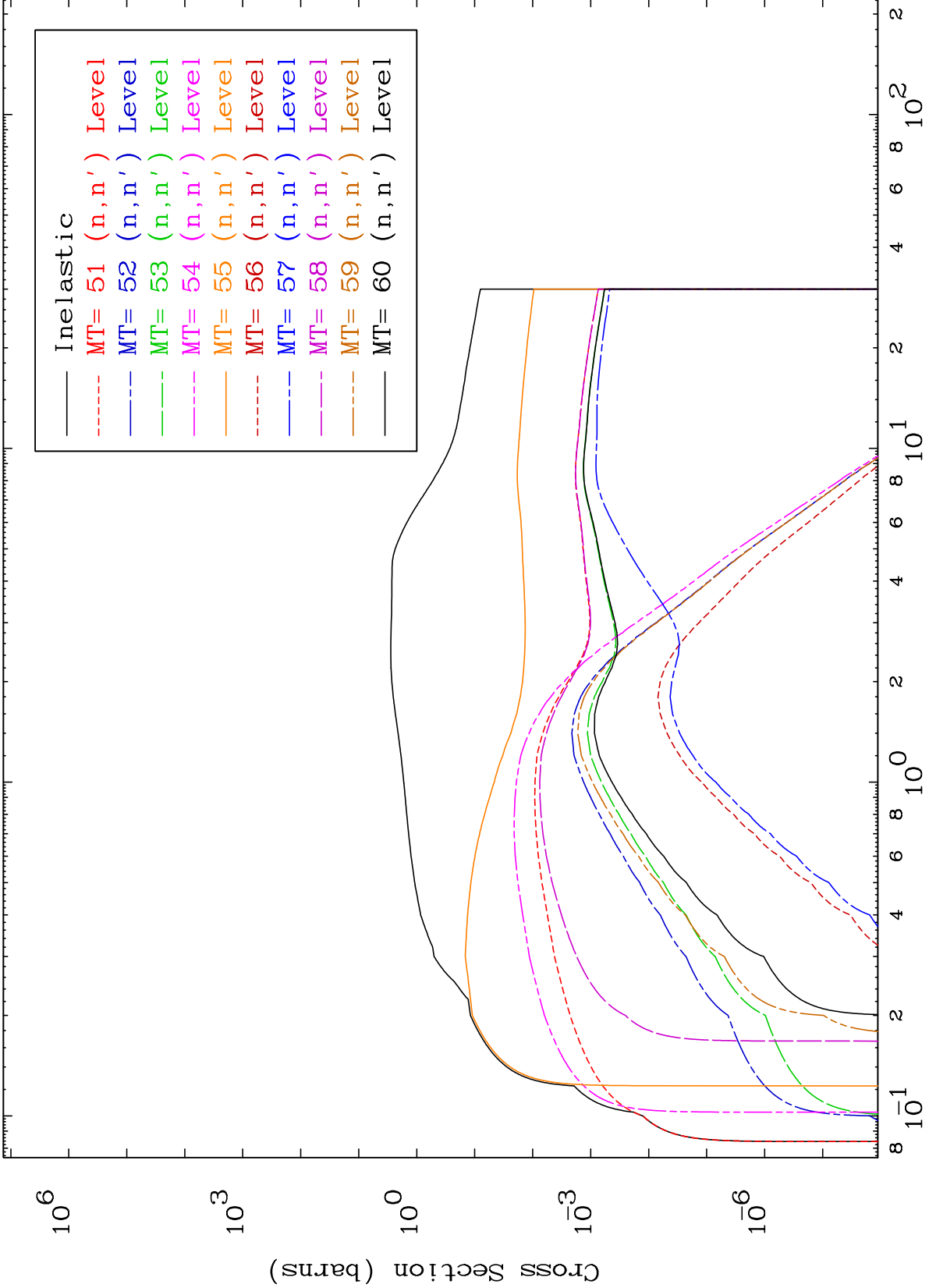


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(n,n') Levels

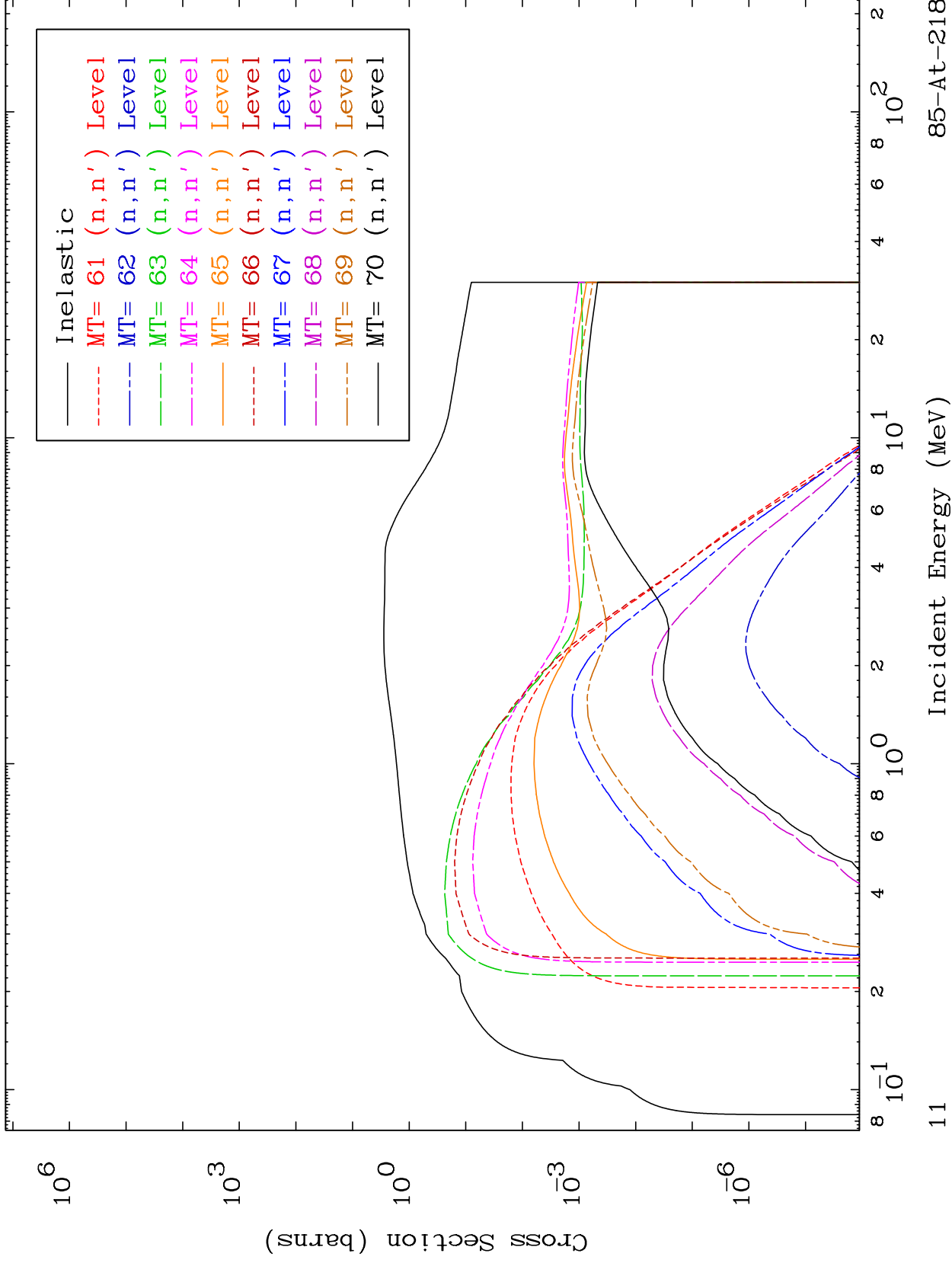
85-At-218

293 Kelvin Cross Sections



Incident Energy (MeV)

85-At-218

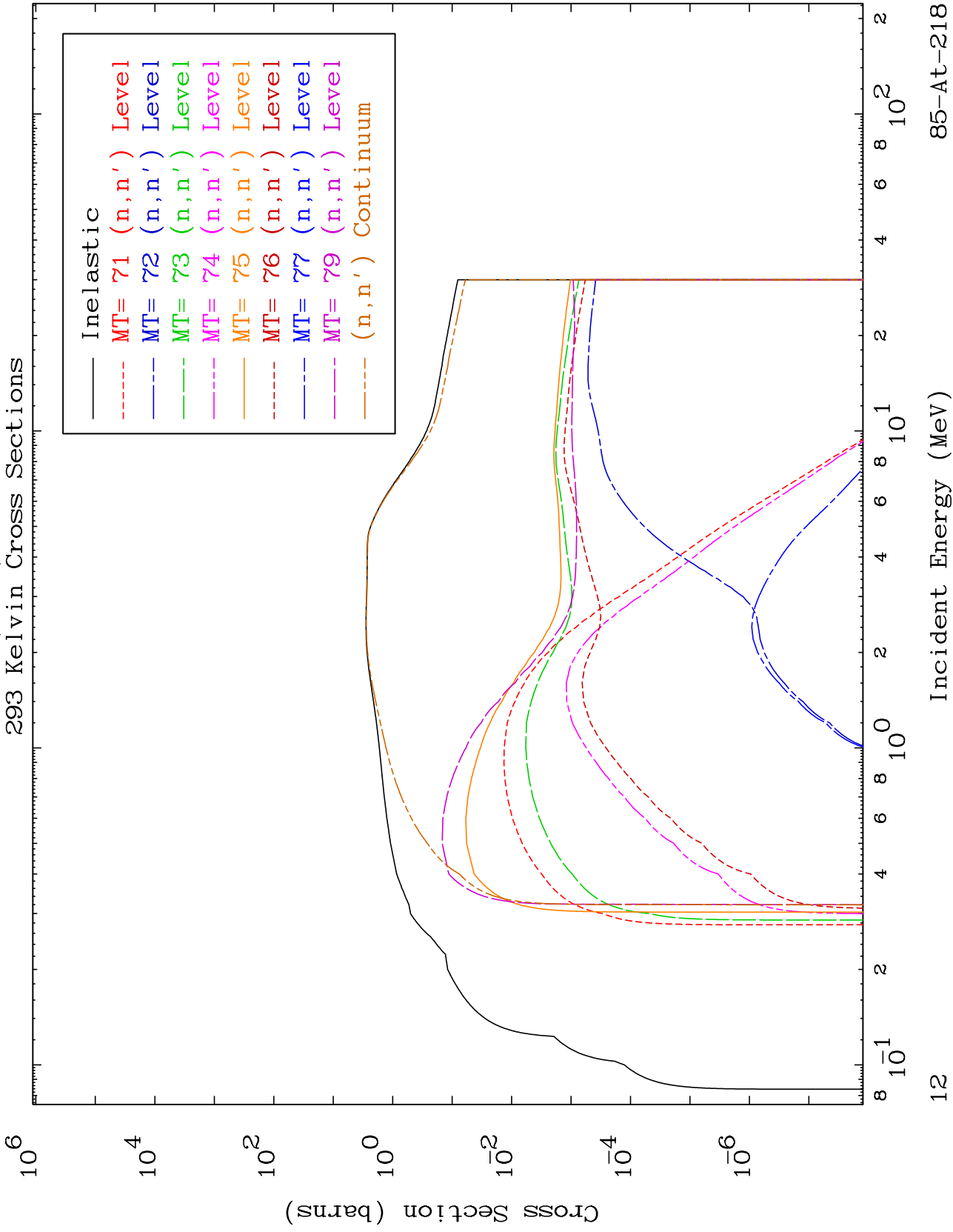


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(n,n') Levels

293 Kelvin Cross Sections

85-At-218



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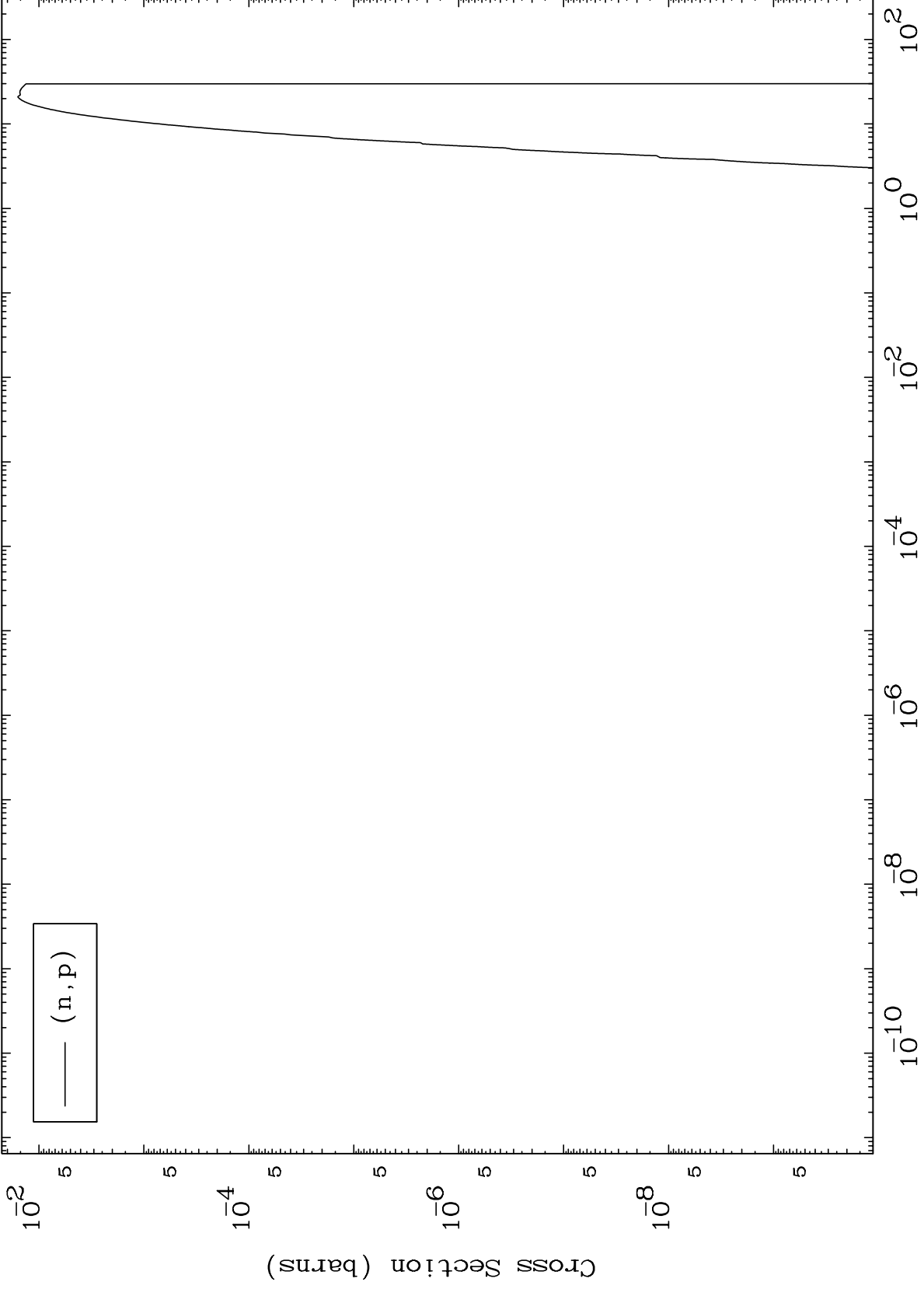
Incident Energy (MeV)

85-At-218

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(n,p) Levels  
293 Kelvin Cross Sections

85-At-218

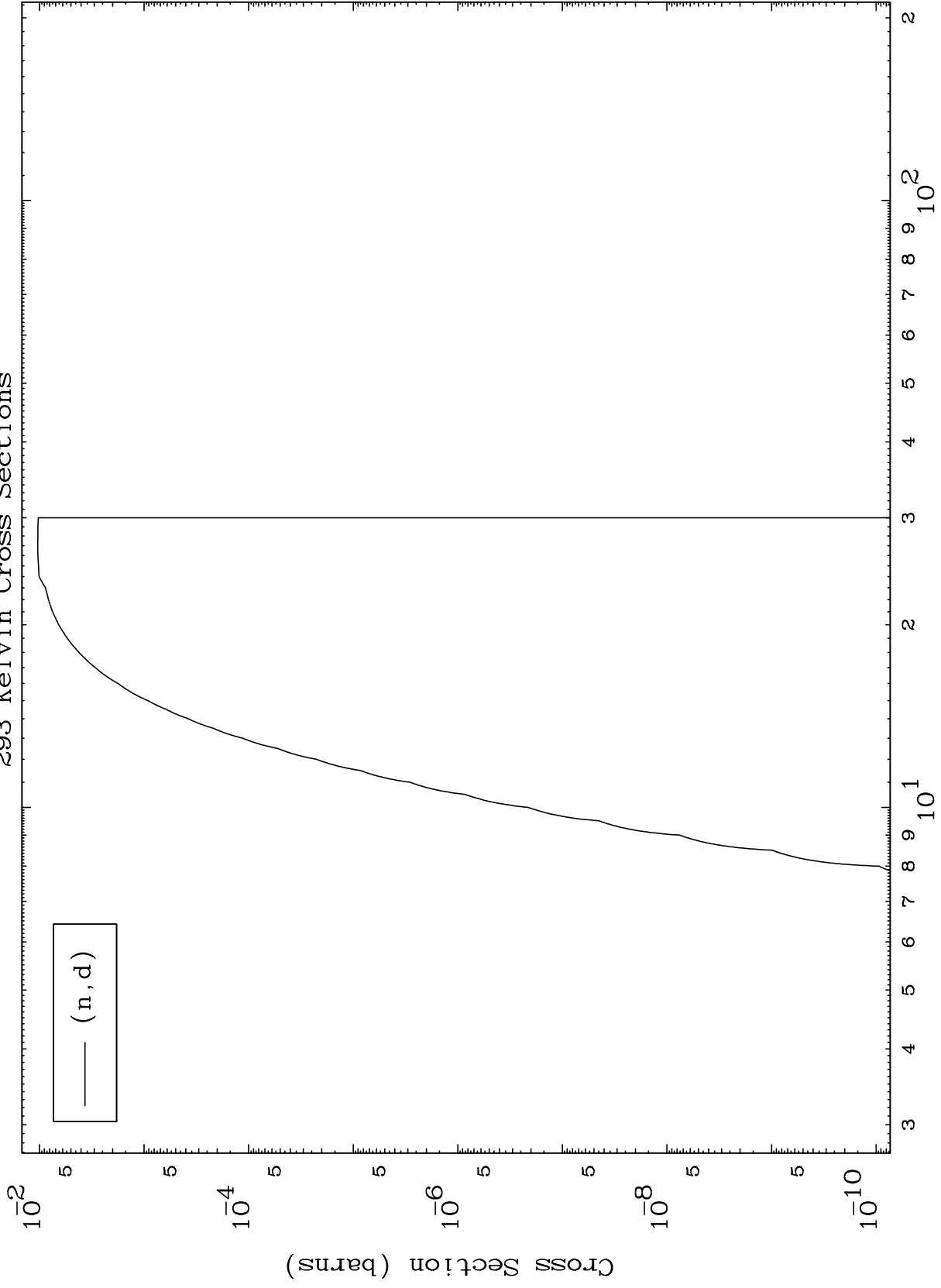


(n,p)

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(n,d) Levels  
293 Kelvin Cross Sections

85-At-218



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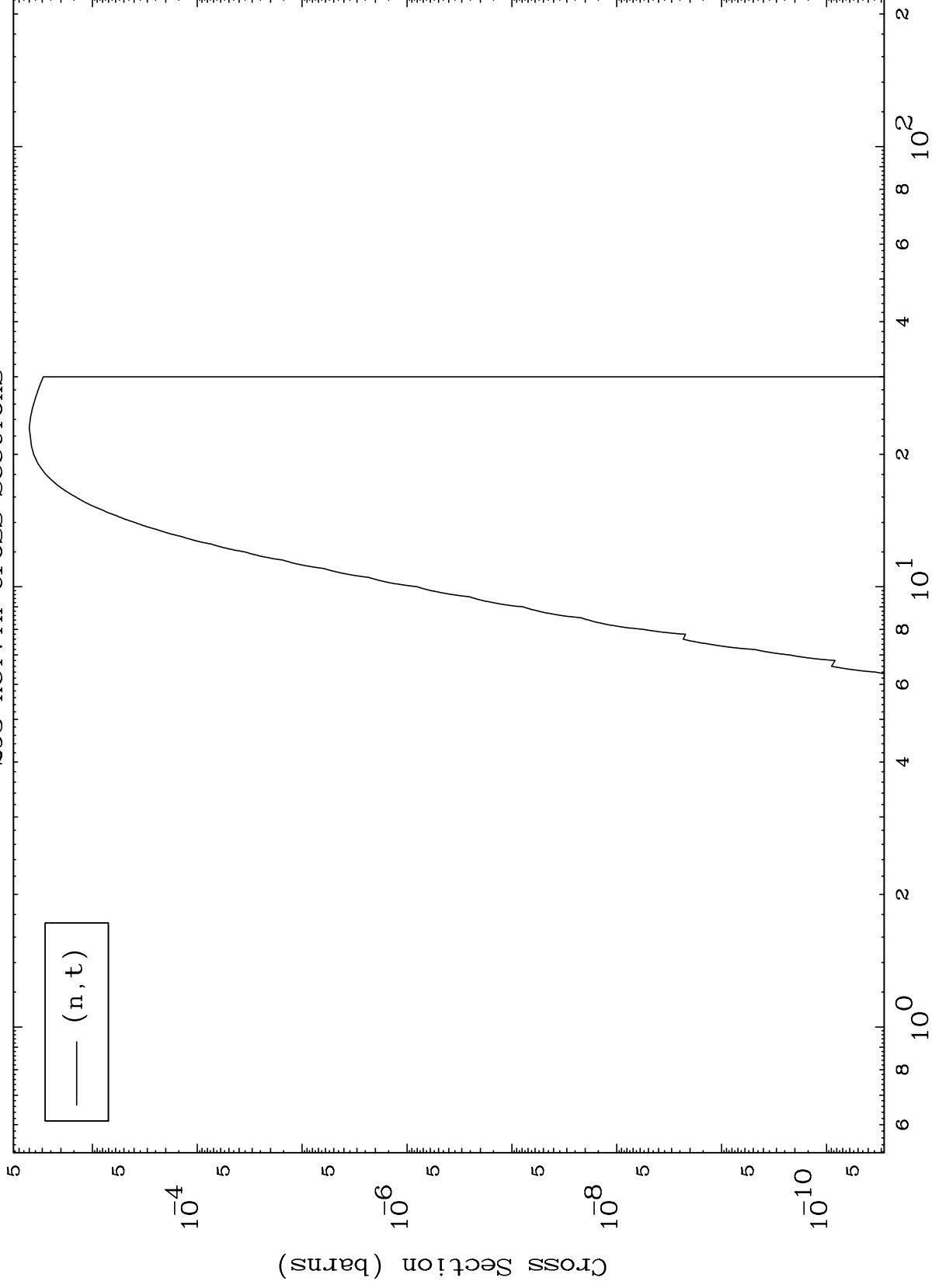
Incident Energy (MeV)

85-At-218

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(n,t) Levels  
293 Kelvin Cross Sections

85-At-218



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Incident Energy (MeV)

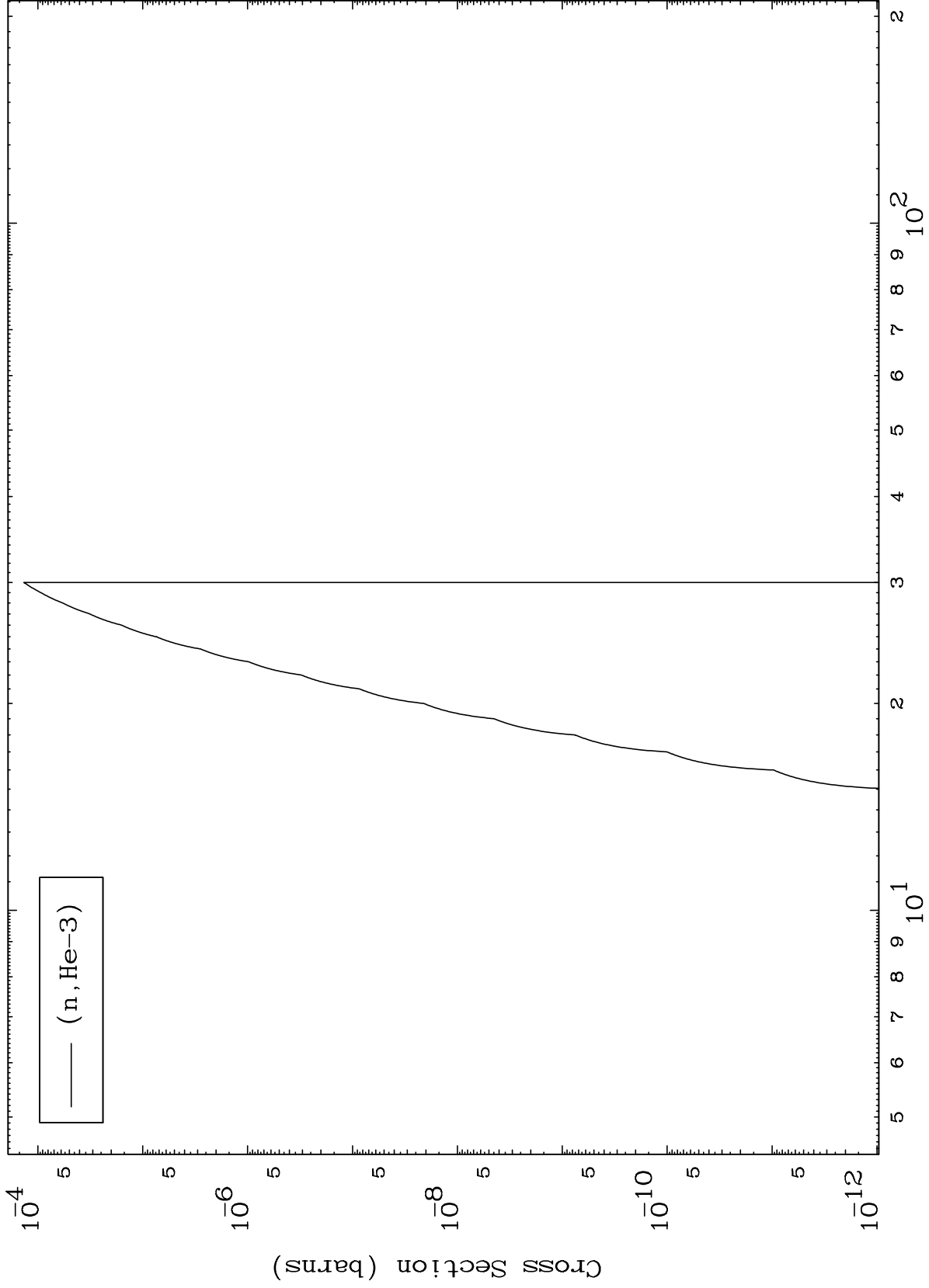
85-At-218



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(n,He3) Levels  
293 Kelvin Cross Sections

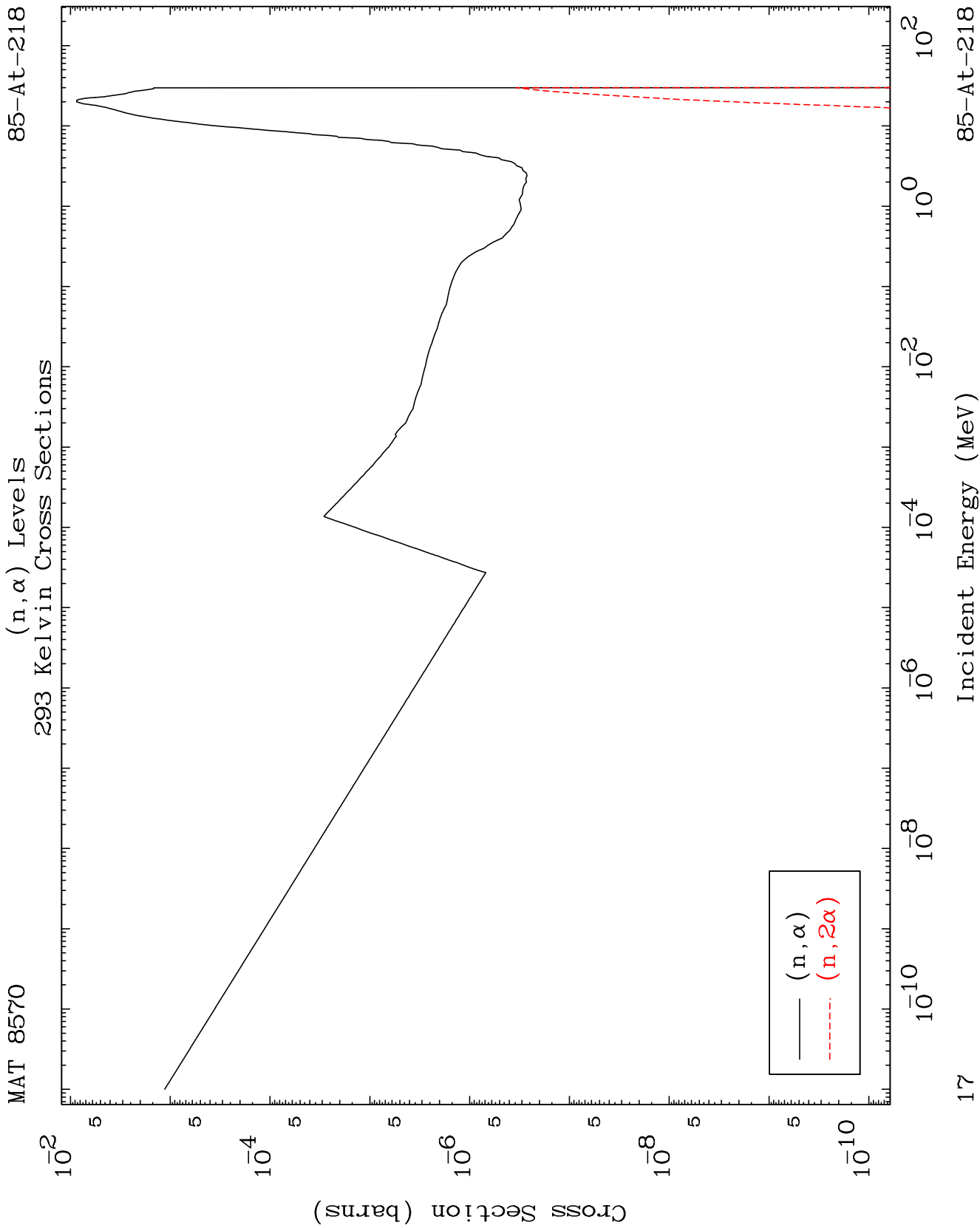
85-At-218



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Incident Energy (MeV)

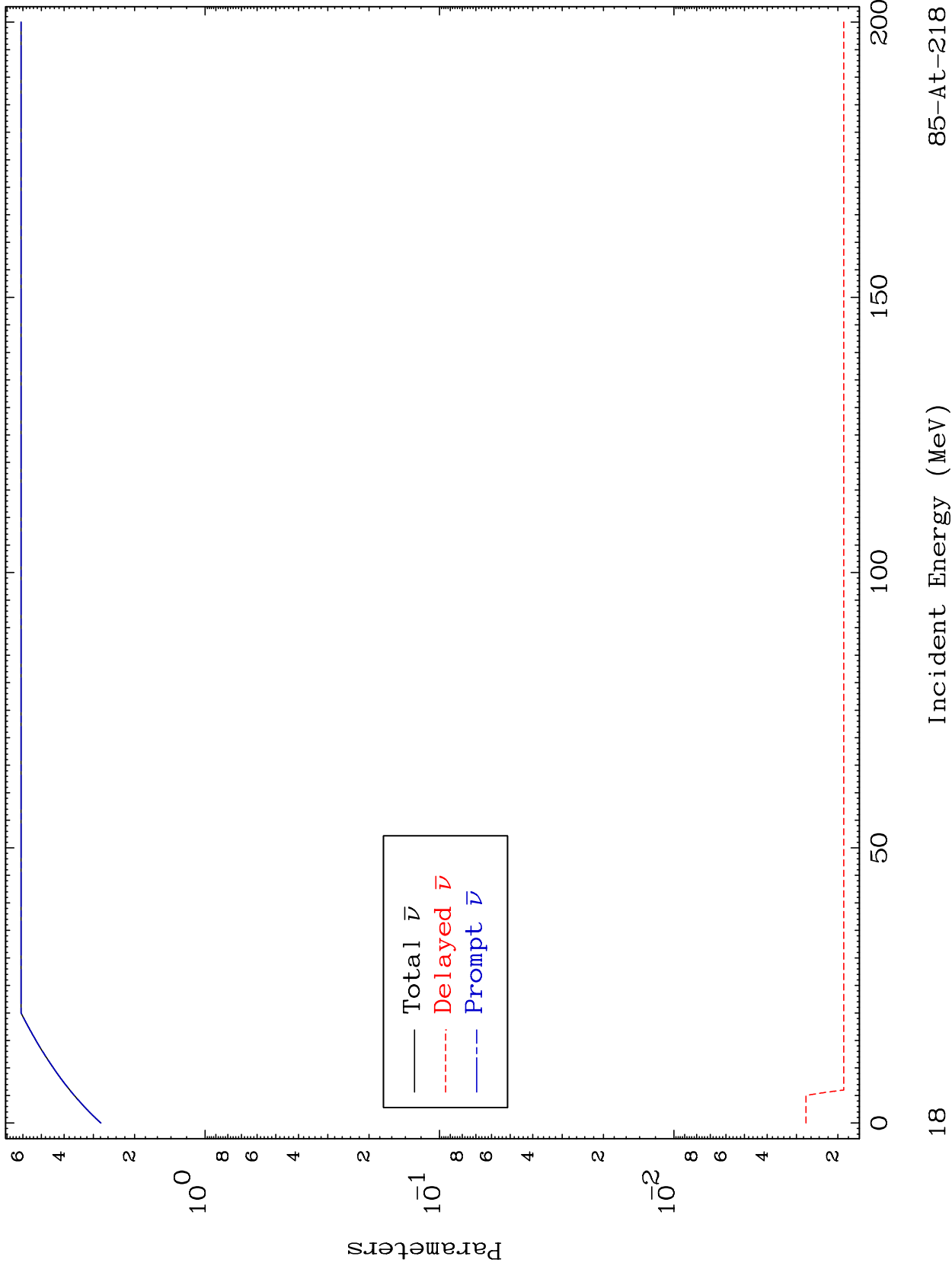
85-At-218



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Energy Release  
Parameters

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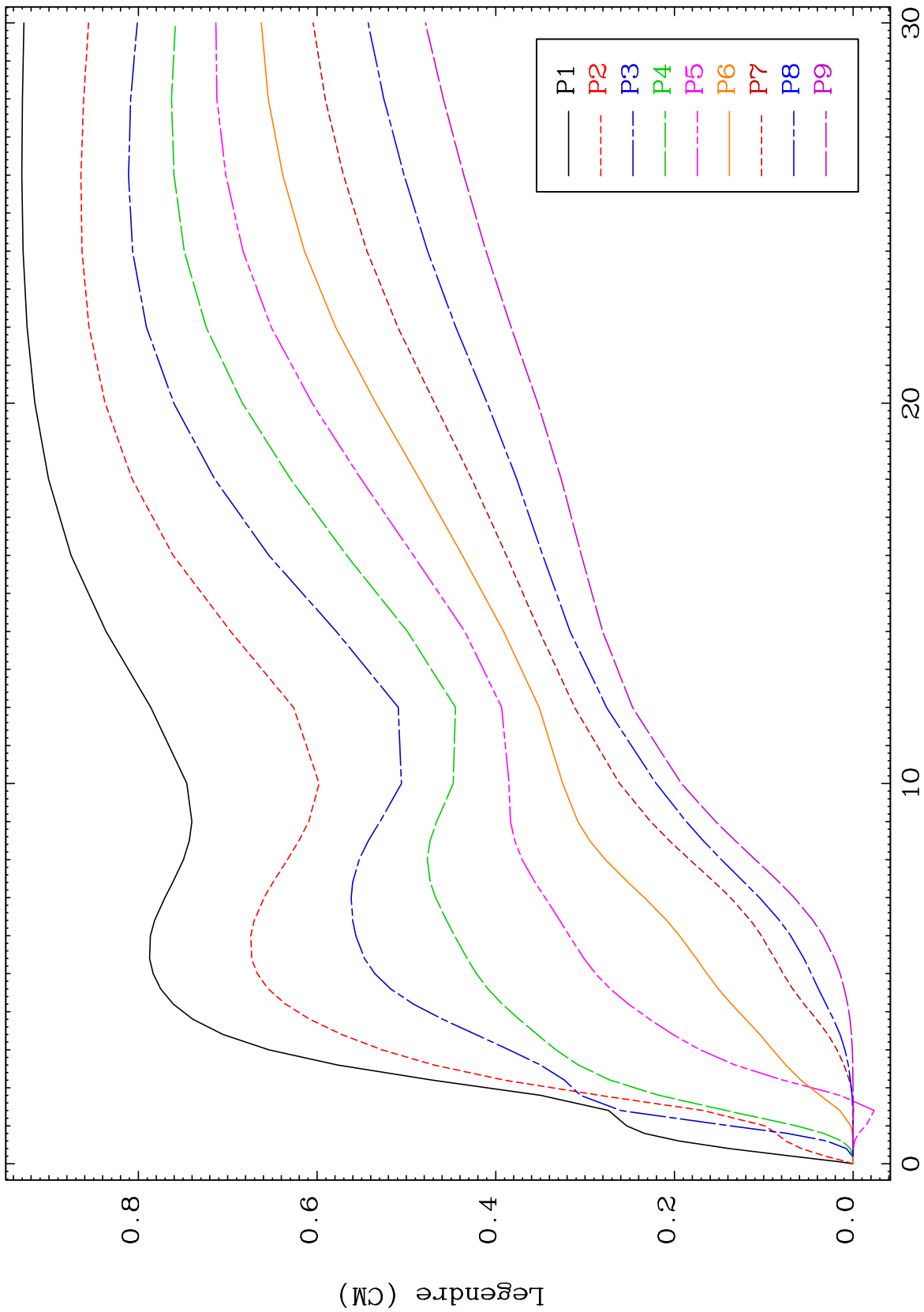
Incident Energy (MeV)

85-At-218

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85-At-218

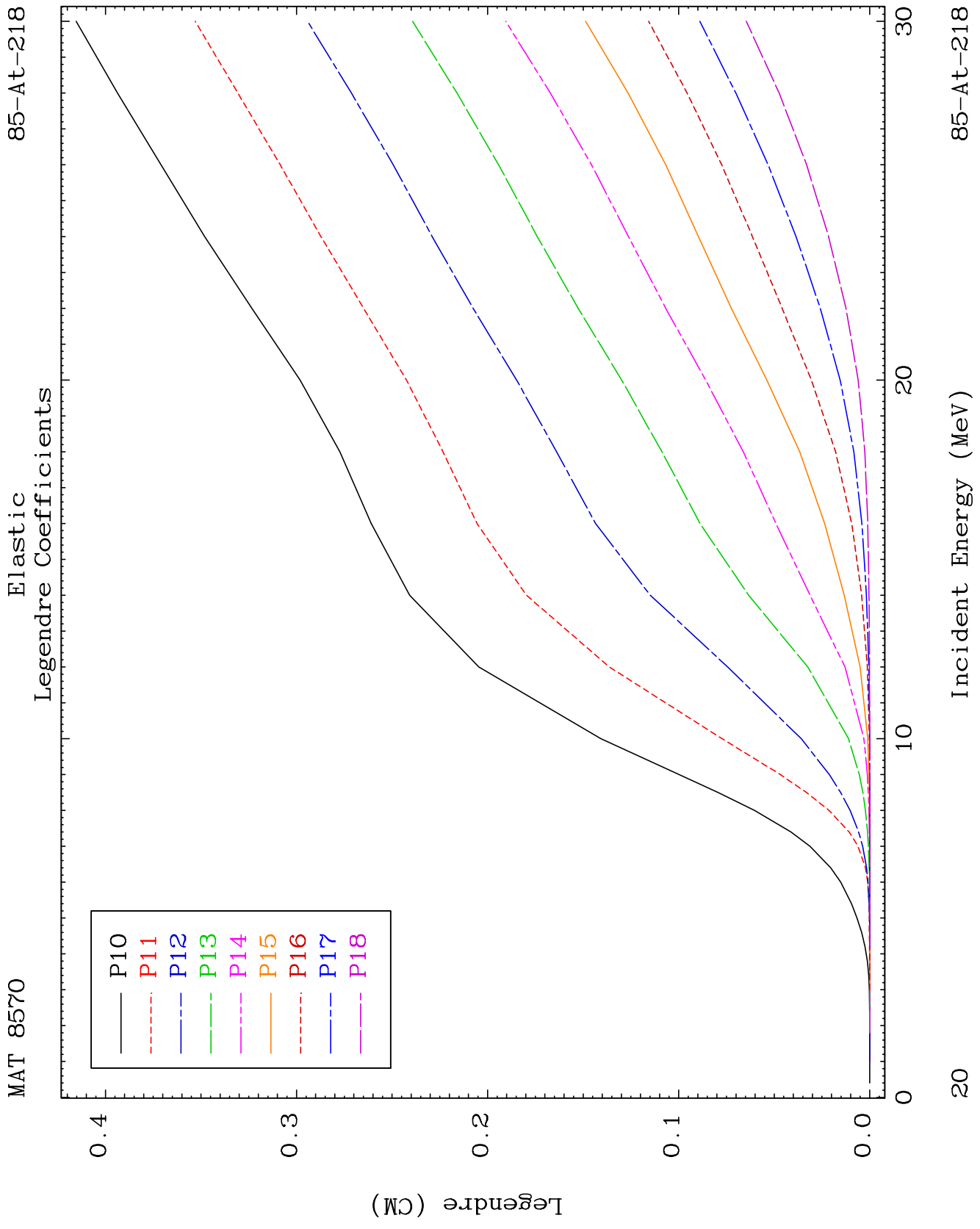
Elastic Legendre Coefficients



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Incident Energy (MeV)

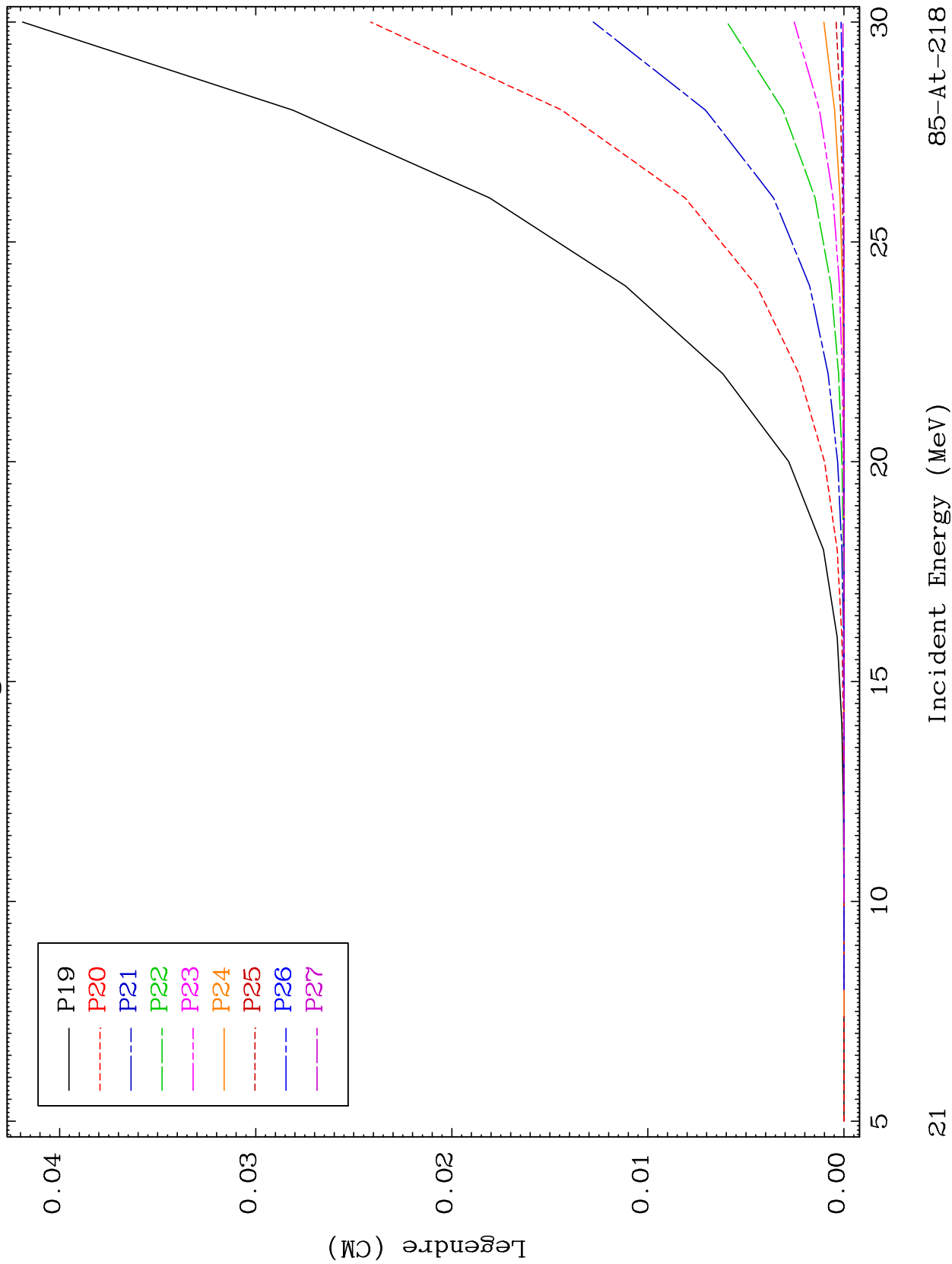
85-At-218



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Elastic  
Legendre Coefficients

85-At-218



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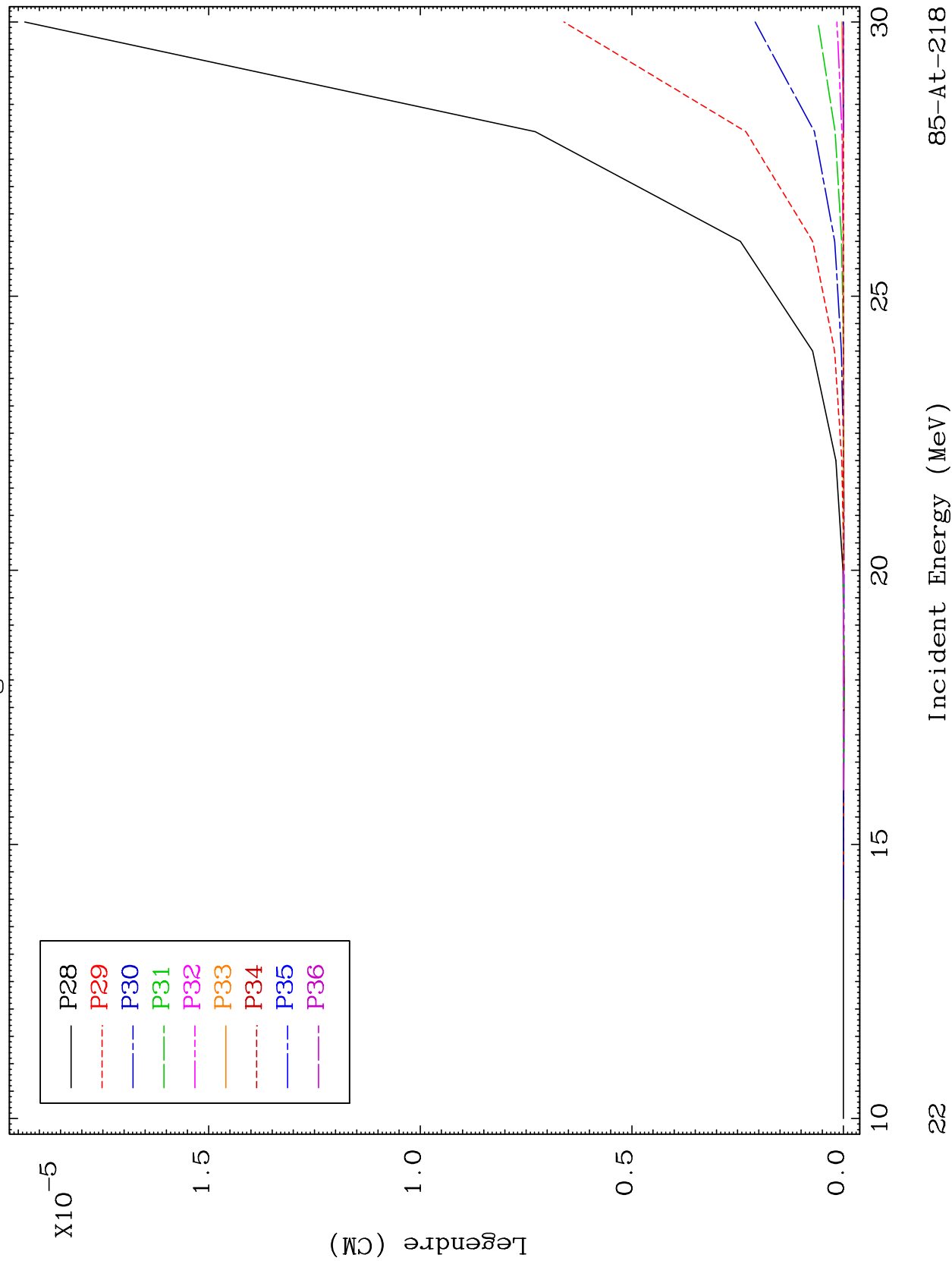
Incident Energy (MeV)

85-At-218

MAT 8570

Elastic Legendre Coefficients

85-At-218



22

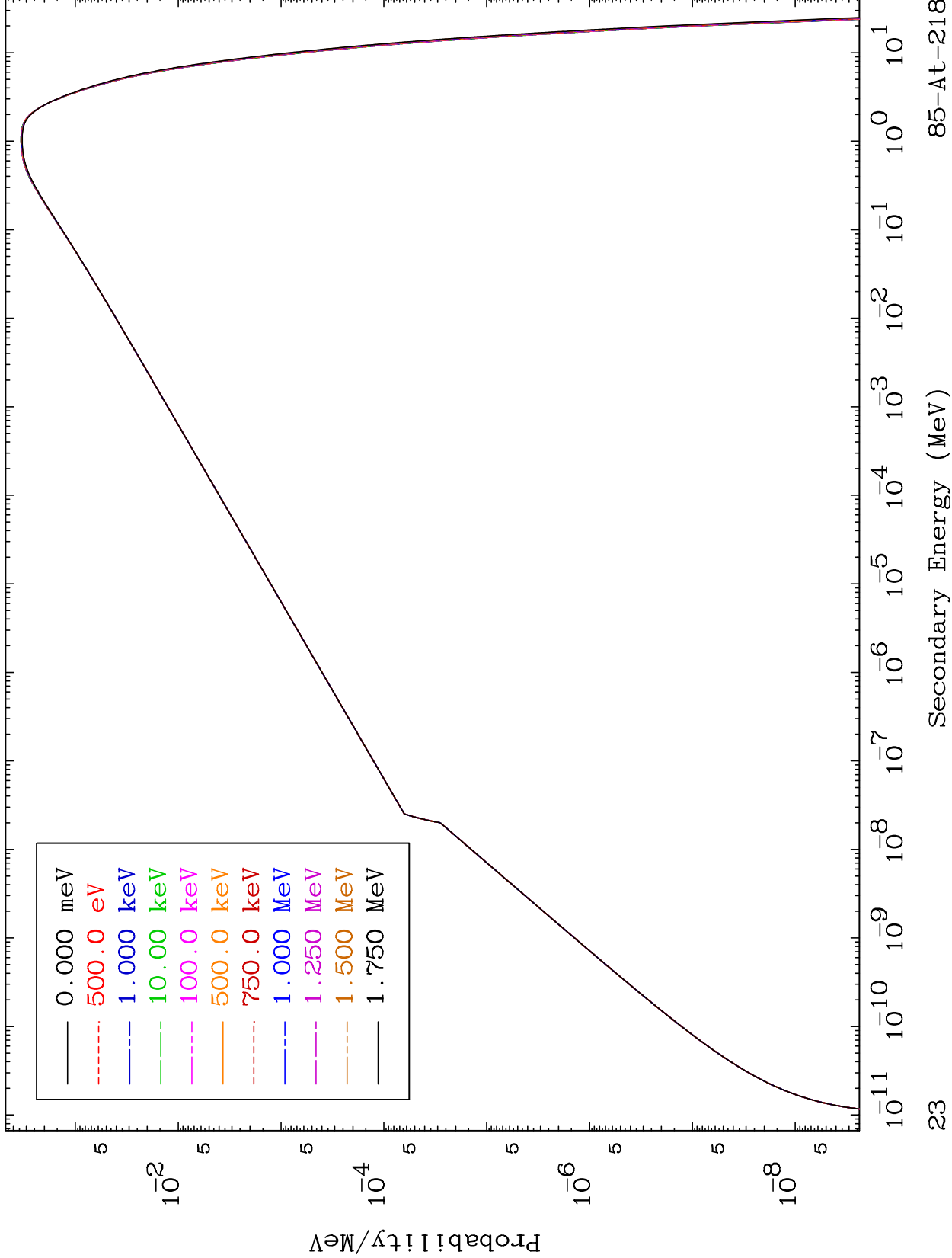
Incident Energy (MeV)

85-At-218

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### Fission Energy Distributions

85-At-218



85-At-218

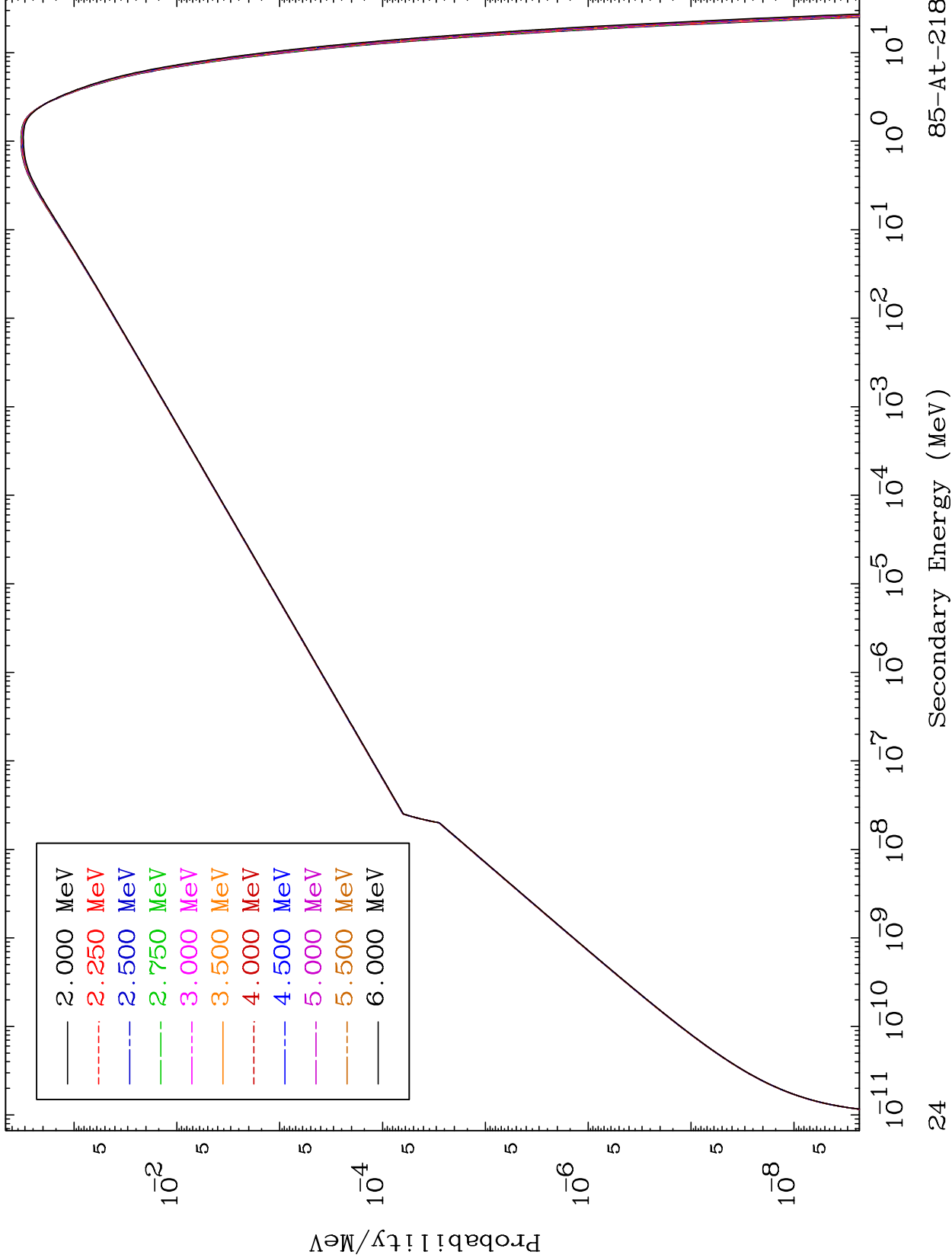
Secondary Energy (MeV)



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### Fission Energy Distributions

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85-At-218

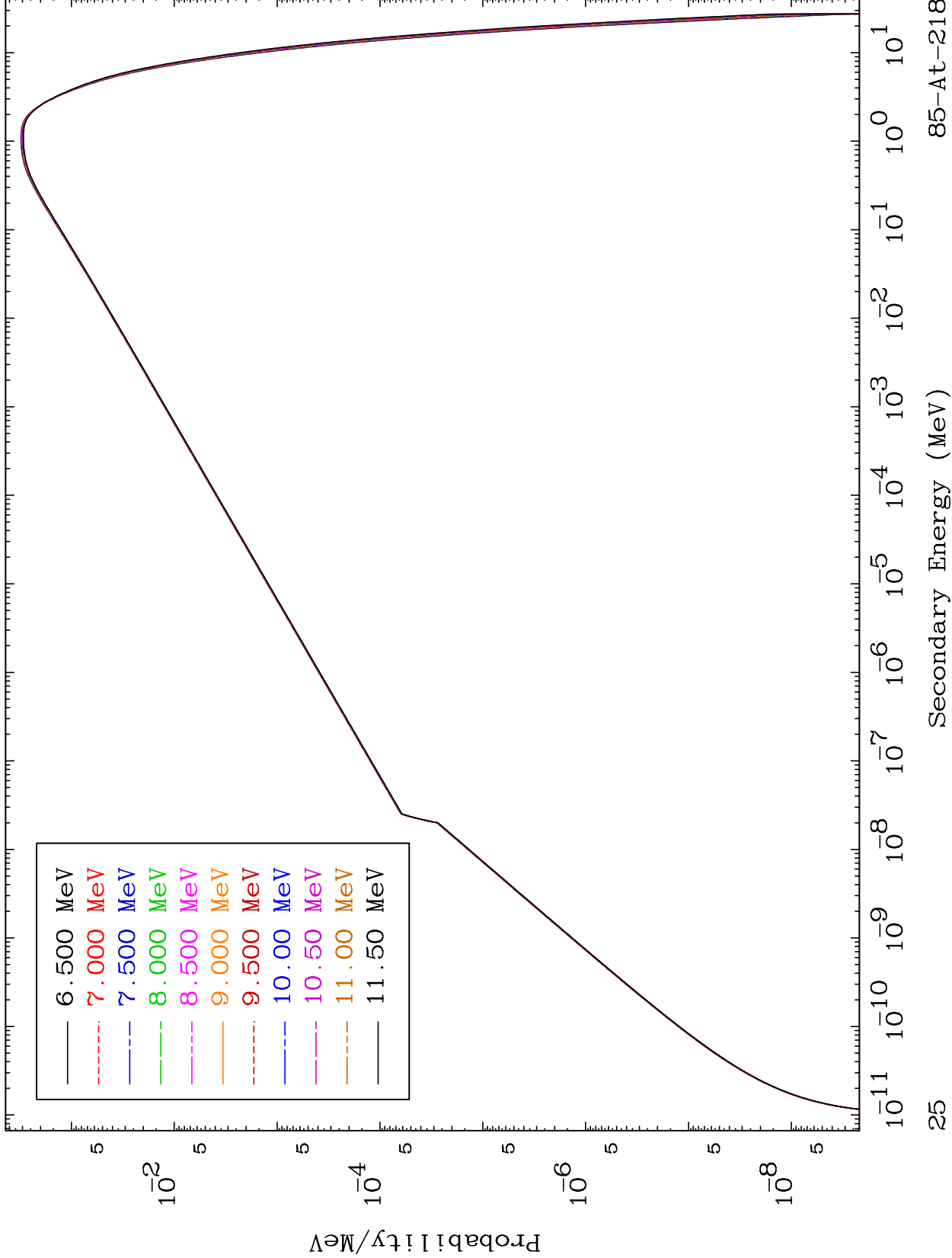
Secondary Energy (MeV)

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### Fission Energy Distributions

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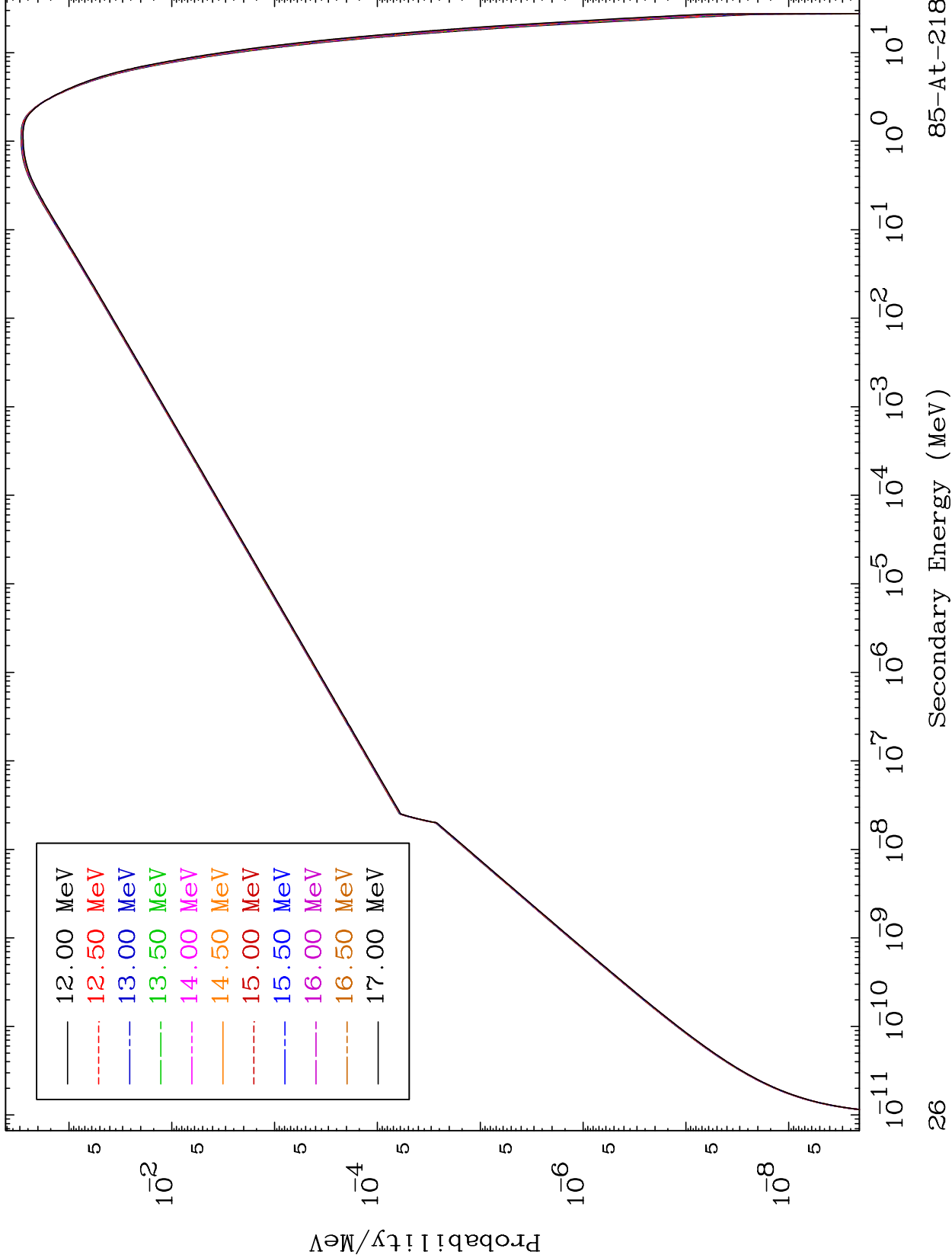


85-At-218

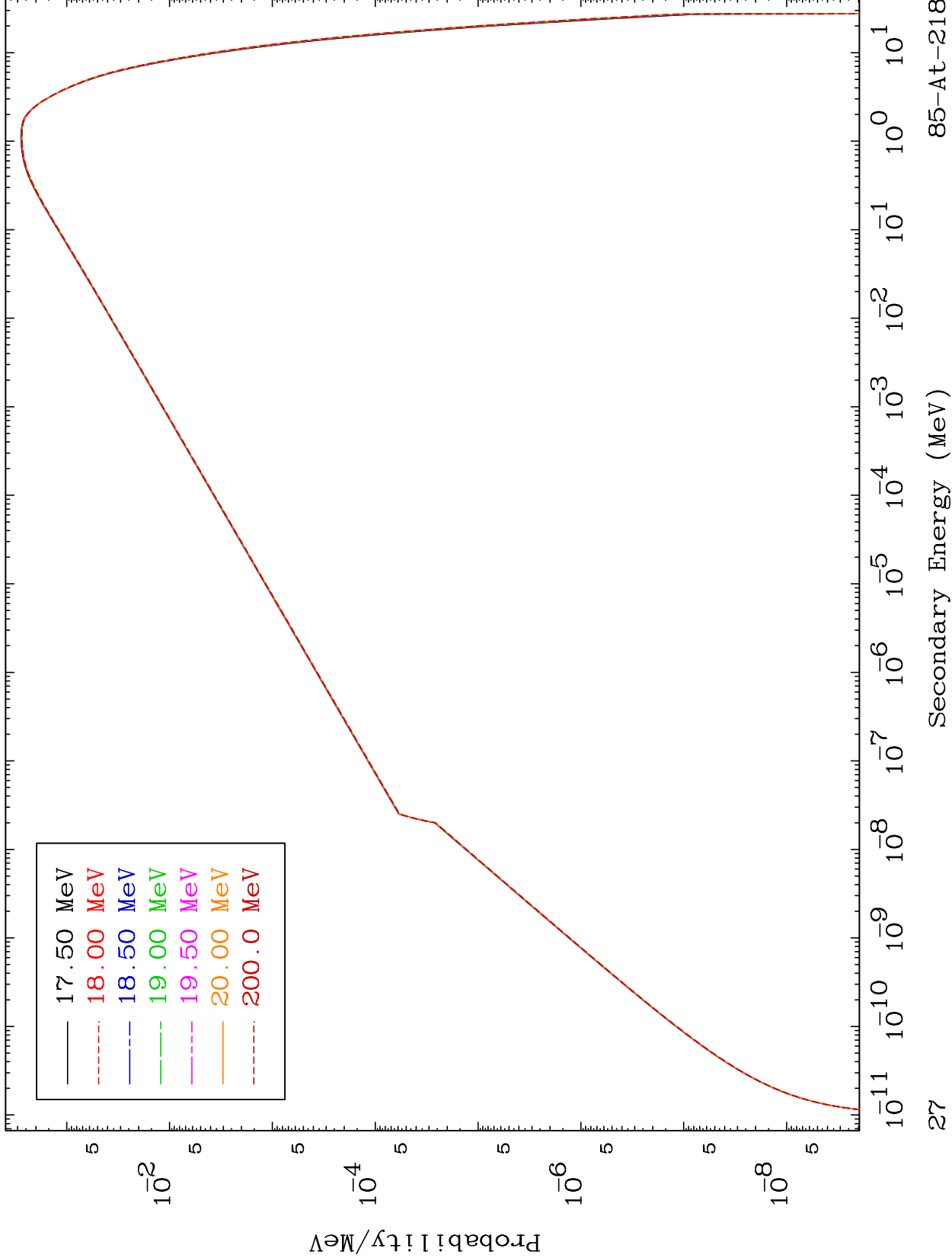
Secondary Energy (MeV)

25

Fission Energy Distributions



Fission Energy Distributions

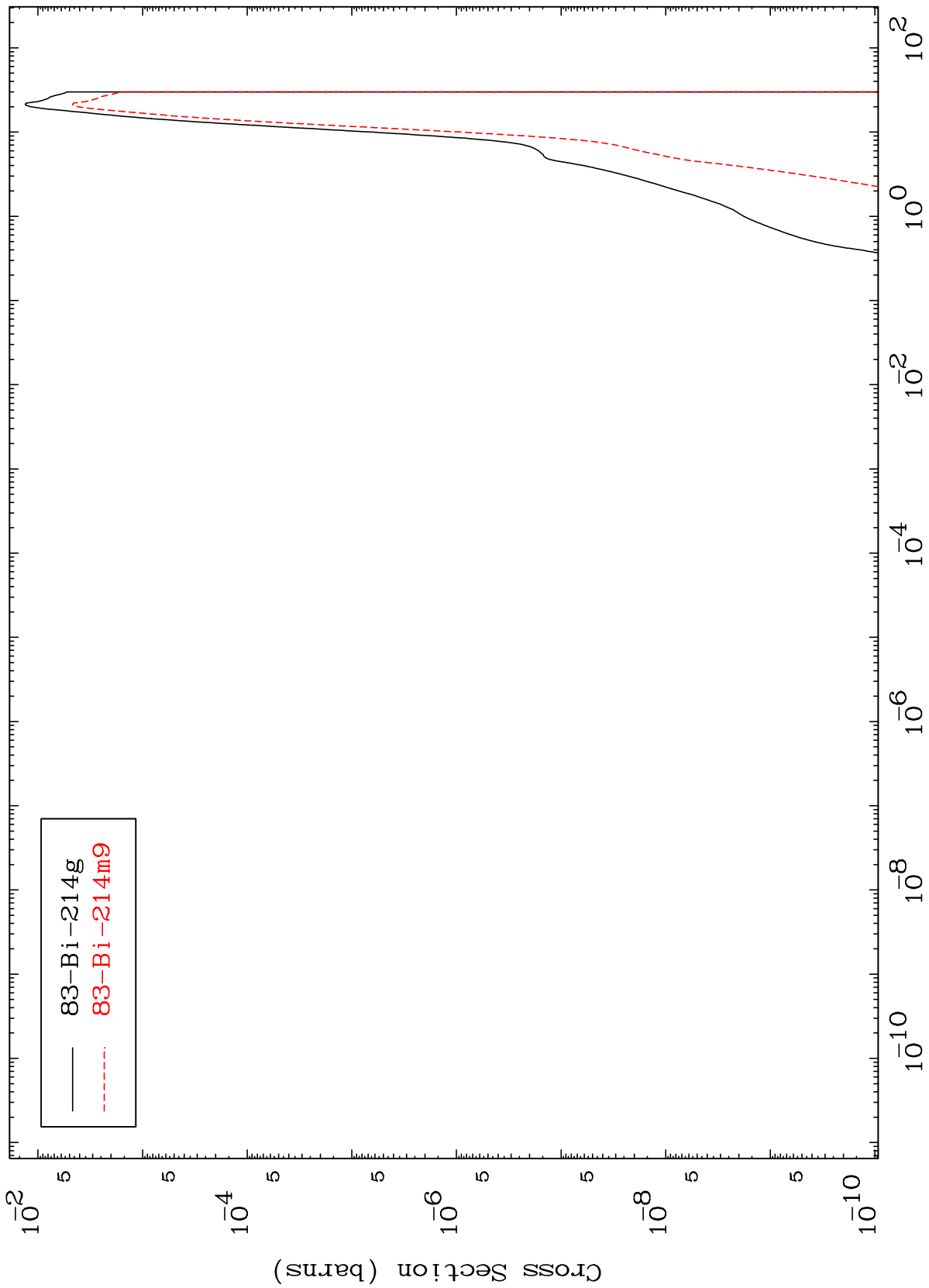


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$(n, n') \alpha$

85-At-218

Radionuclide Production Cross Section

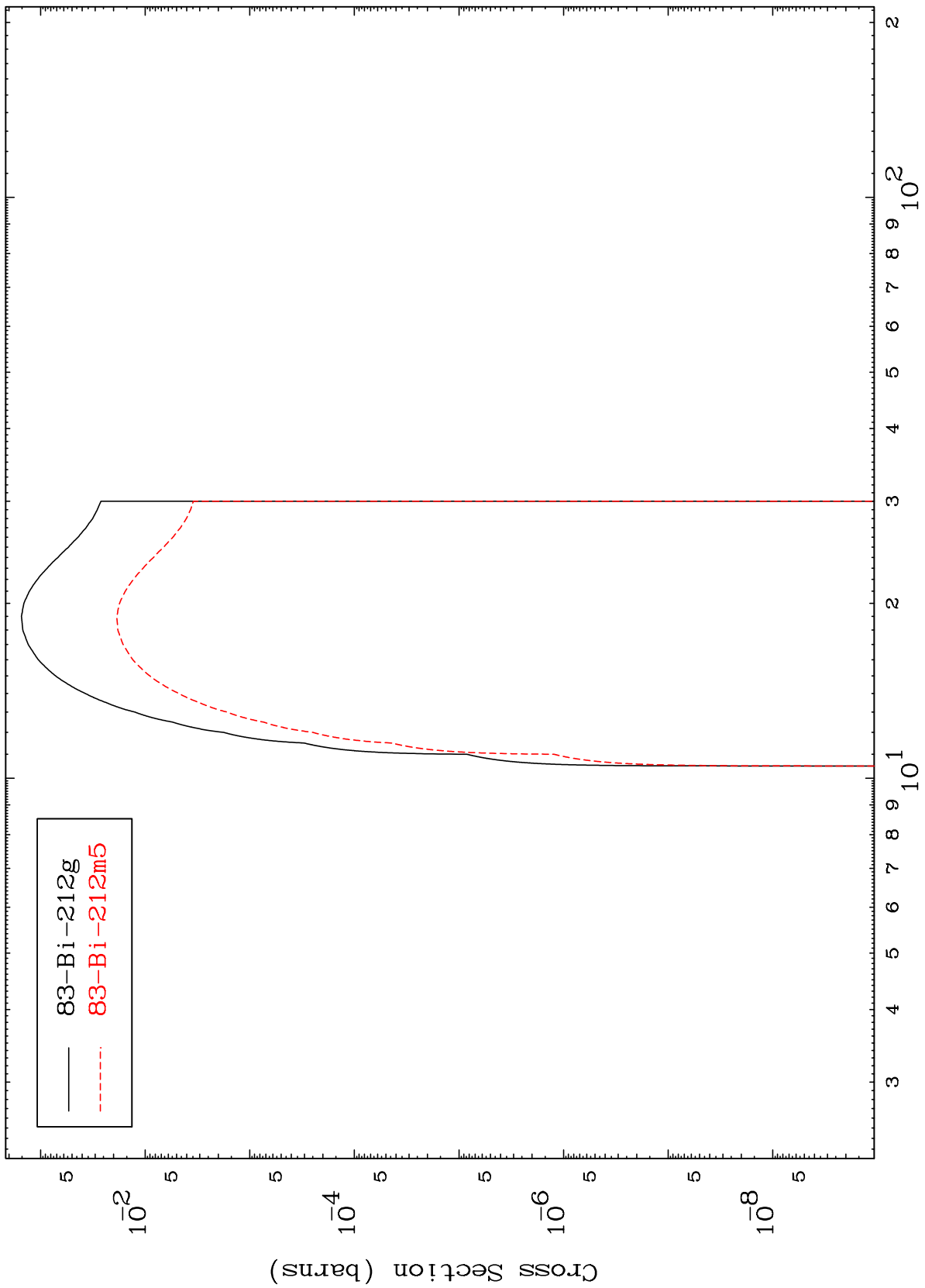


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85-At-218

(n,3n)  $\alpha$

Radionuclide Production Cross Section



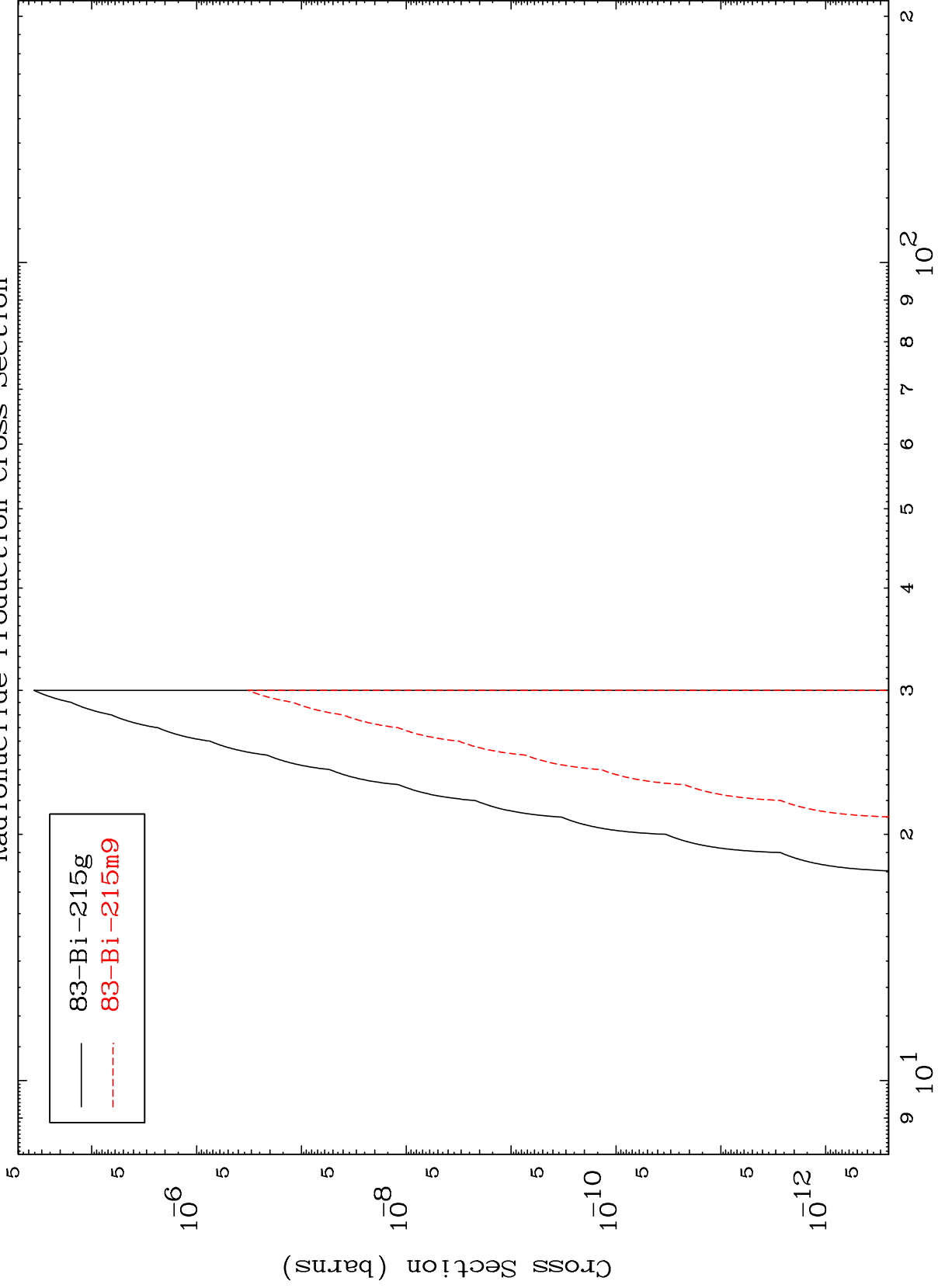
—  $^{212}\text{gBi}$   
- - -  $^{212\text{m5}}\text{Bi}$

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(n,n') He-3

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Radionuclide Production Cross Section



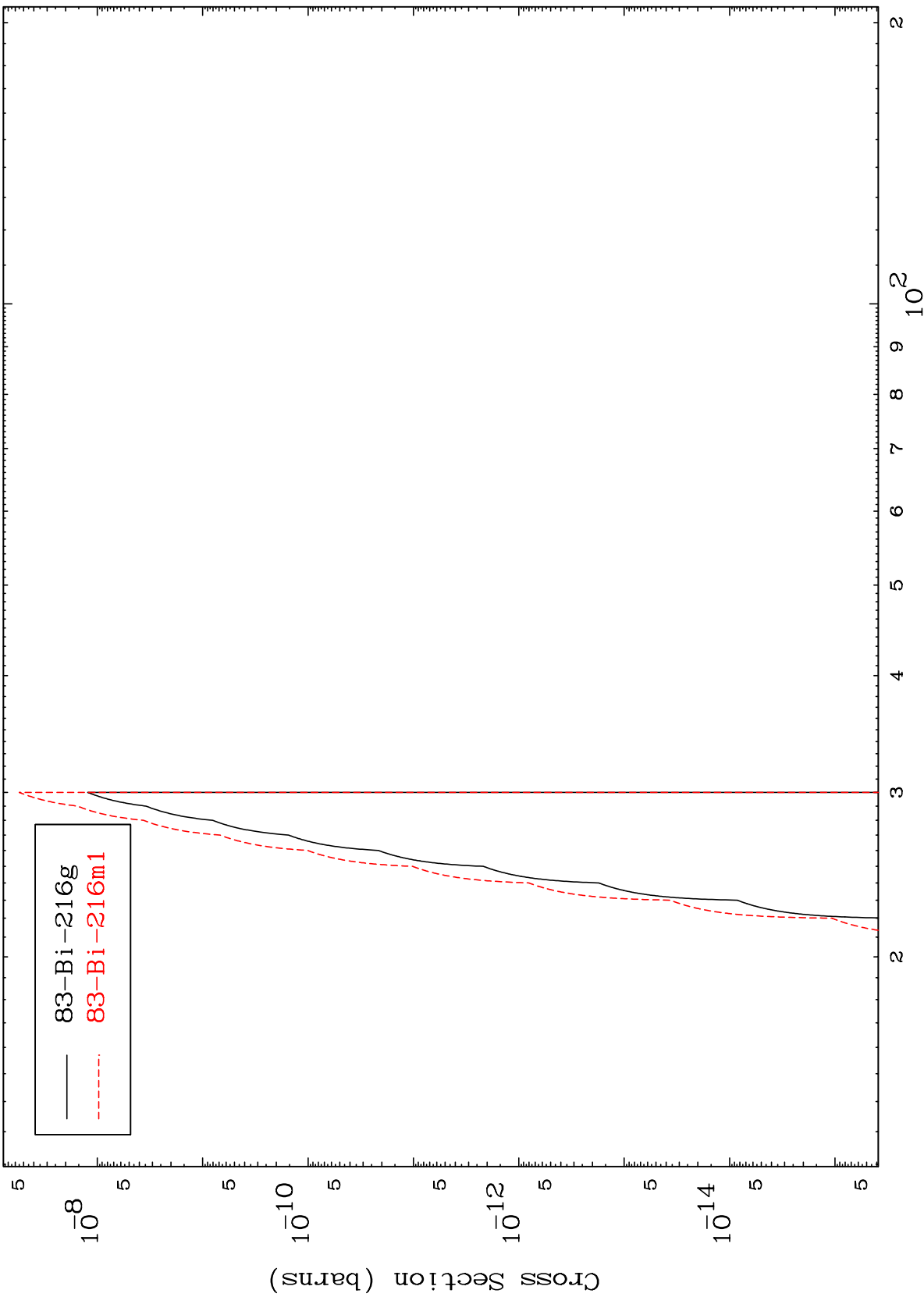
83-Bi-215g  
83-Bi-215m9

30

Incident Energy (MeV)

85-At-218

Radionuclide Production Cross Section

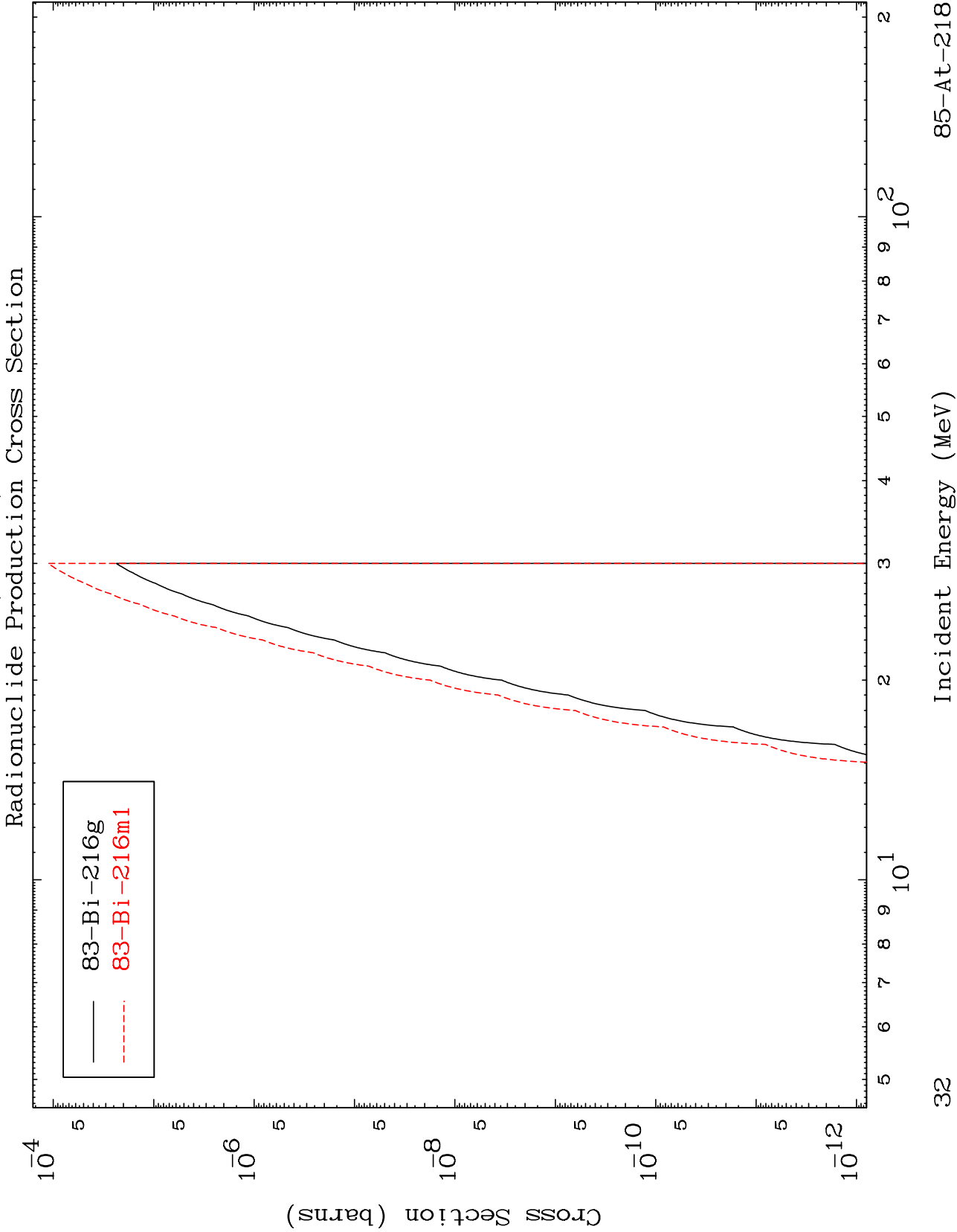




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(n,He-3)

85-At-218



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Incident Energy (MeV)

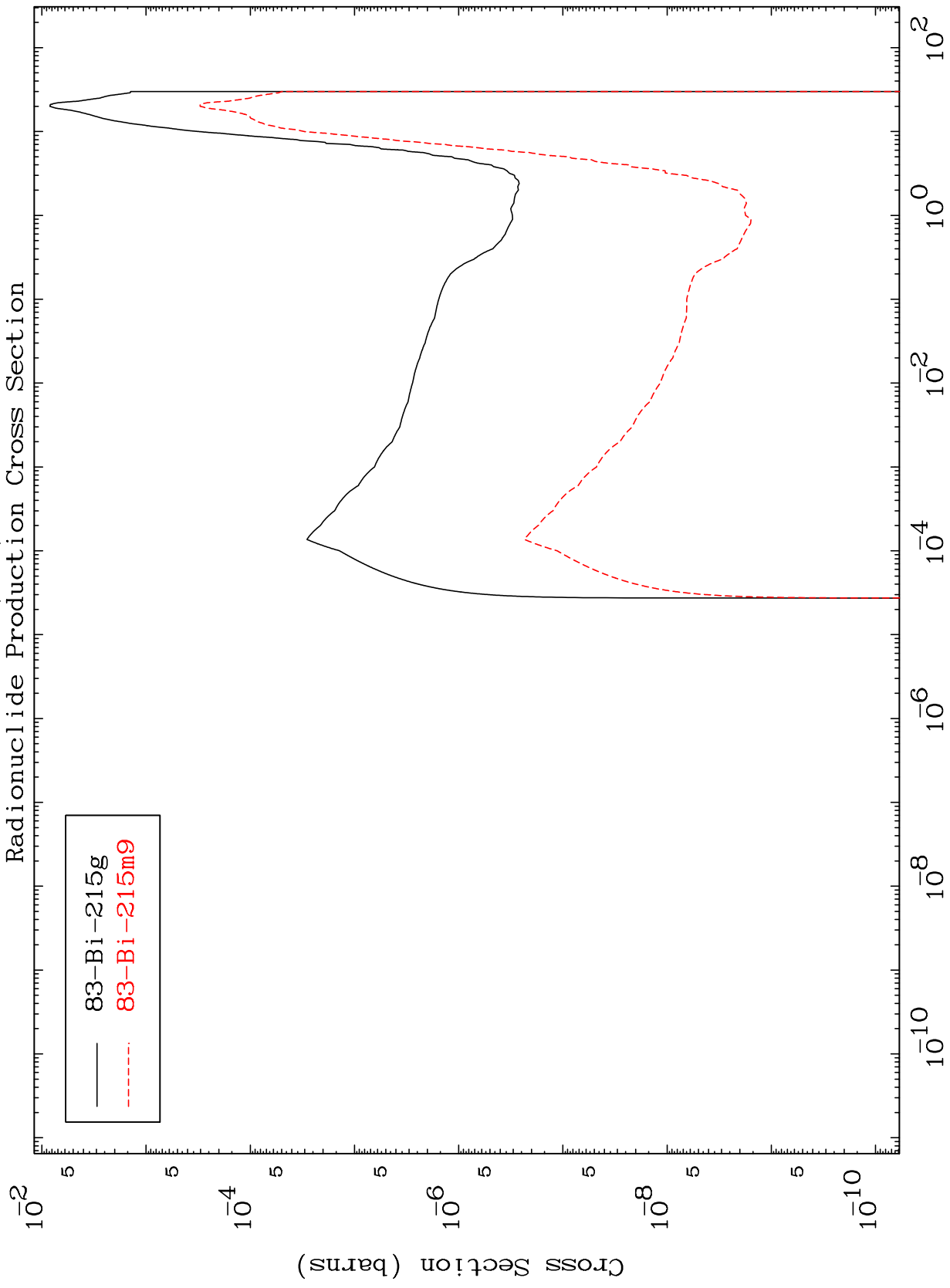
85-At-218

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(n,  $\alpha$ )

85-At-218

Radionuclide Production Cross Section



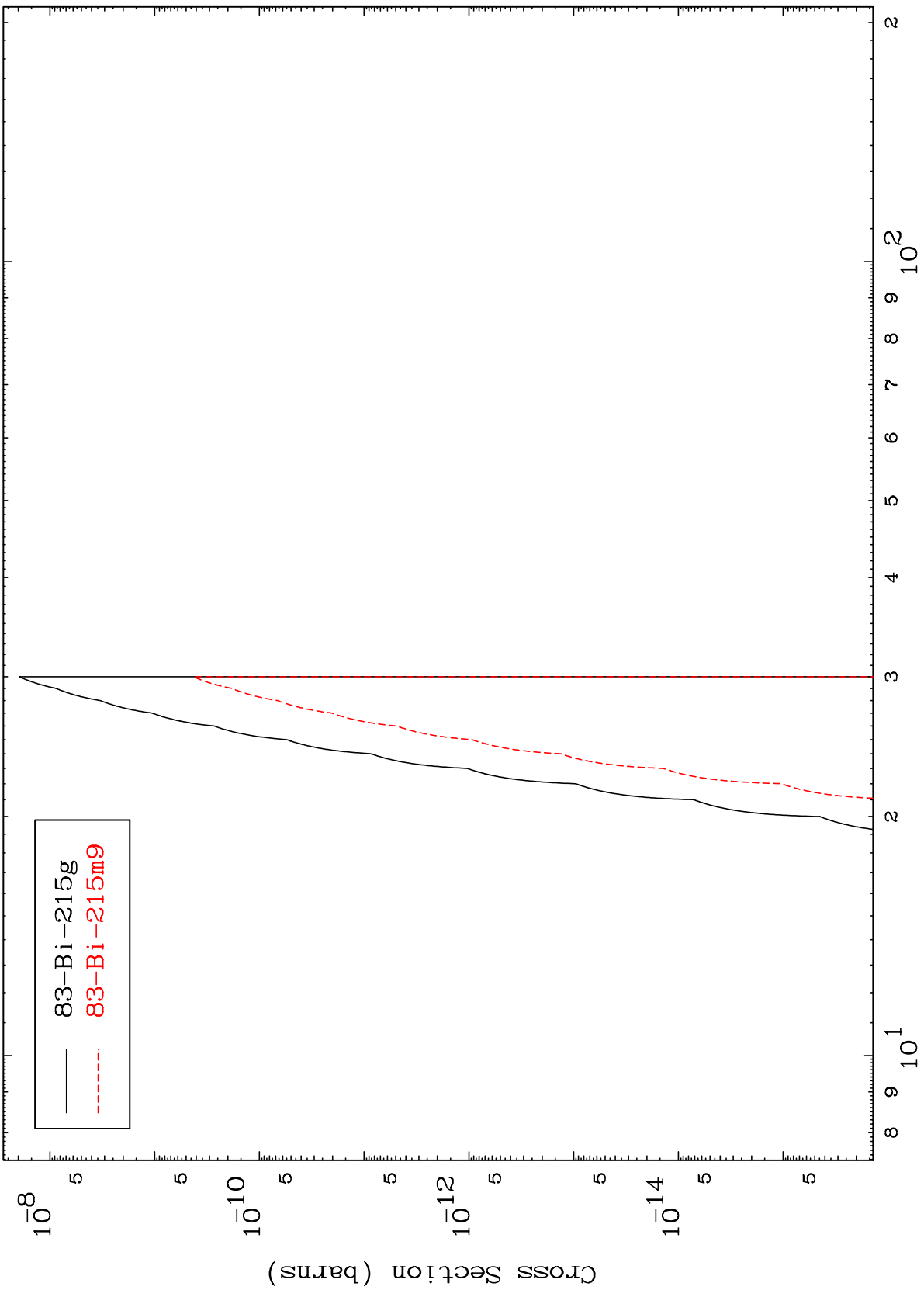
83-Bi-215g  
83-Bi-215m9

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(n,p) t

85-At-218

Radionuclide Production Cross Section



83-Bi-215g  
83-Bi-215m9

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Incident Energy (MeV)

85-At-218