

Program EVALPLOT  
(Version 2021-1)

by

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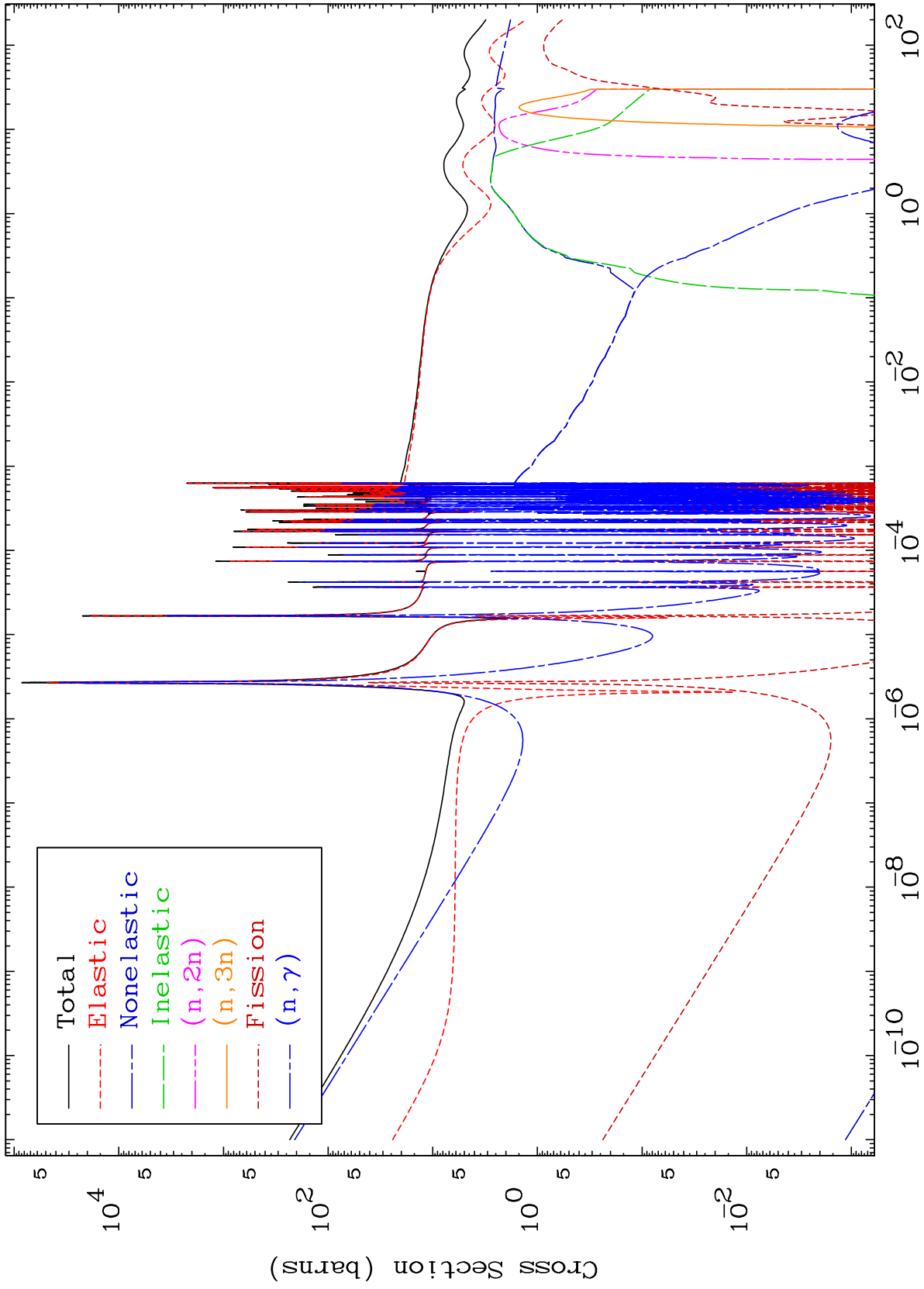
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8570

Neutron Major  
293 Kelvin Cross Sections

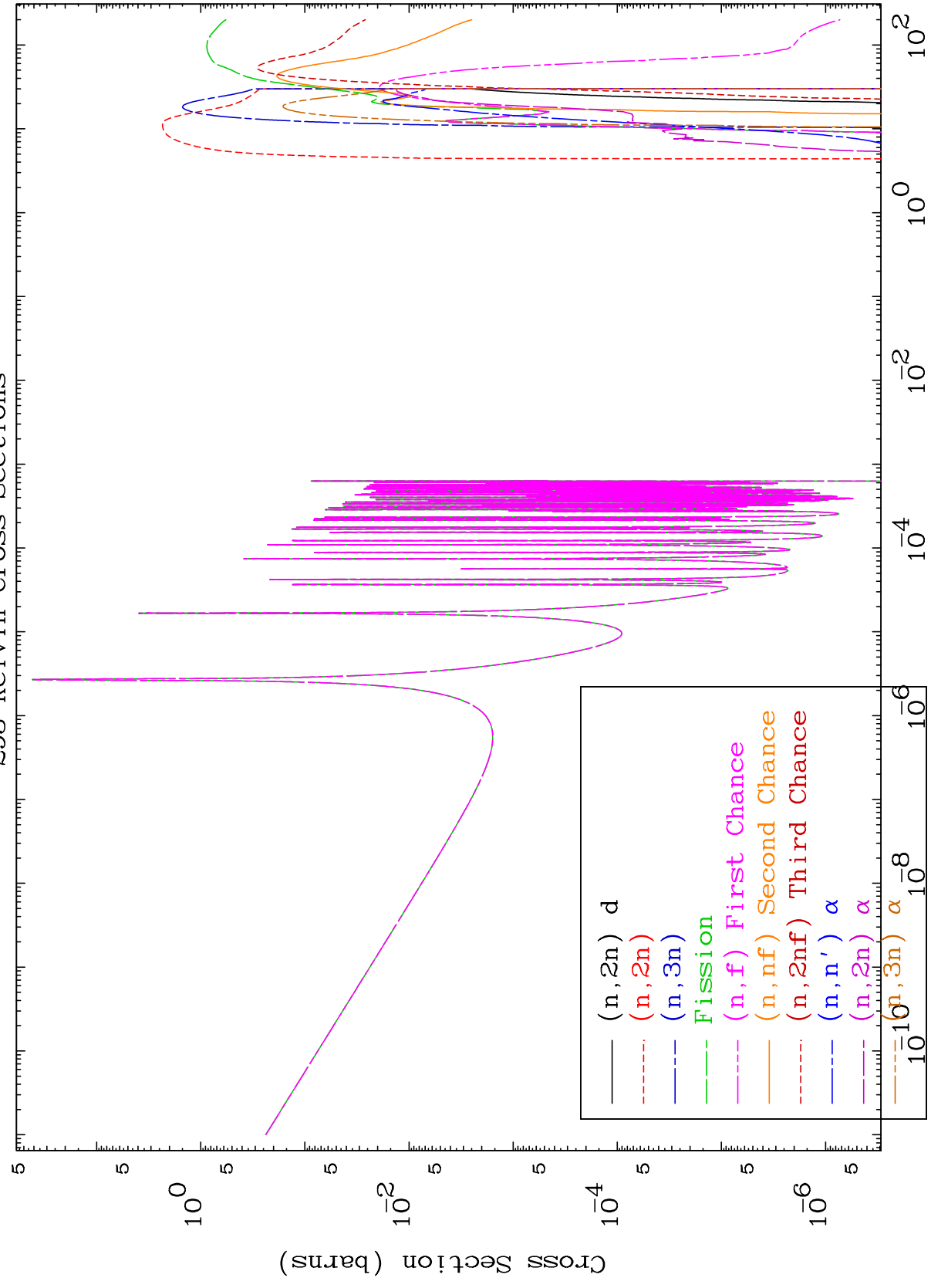
85-At-218

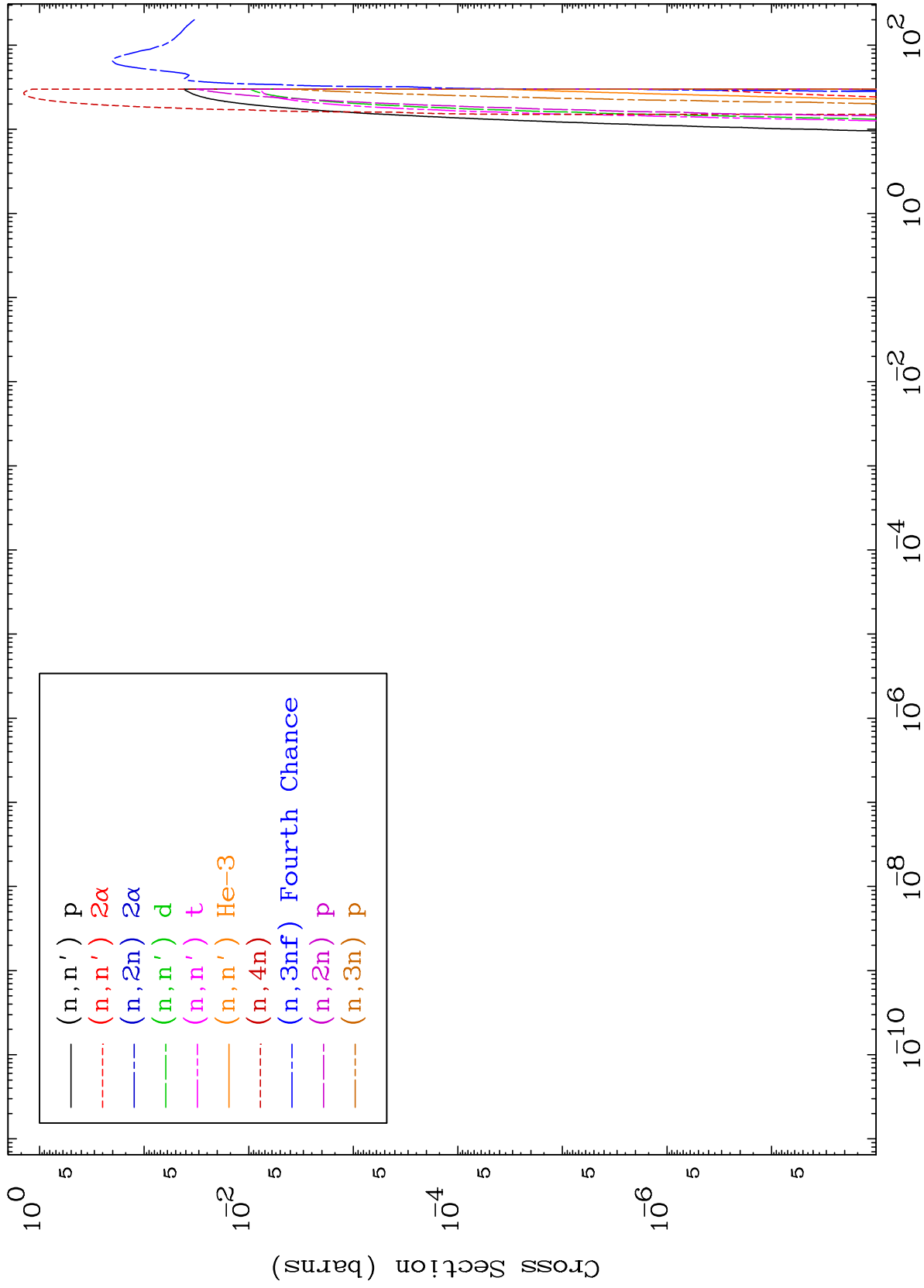


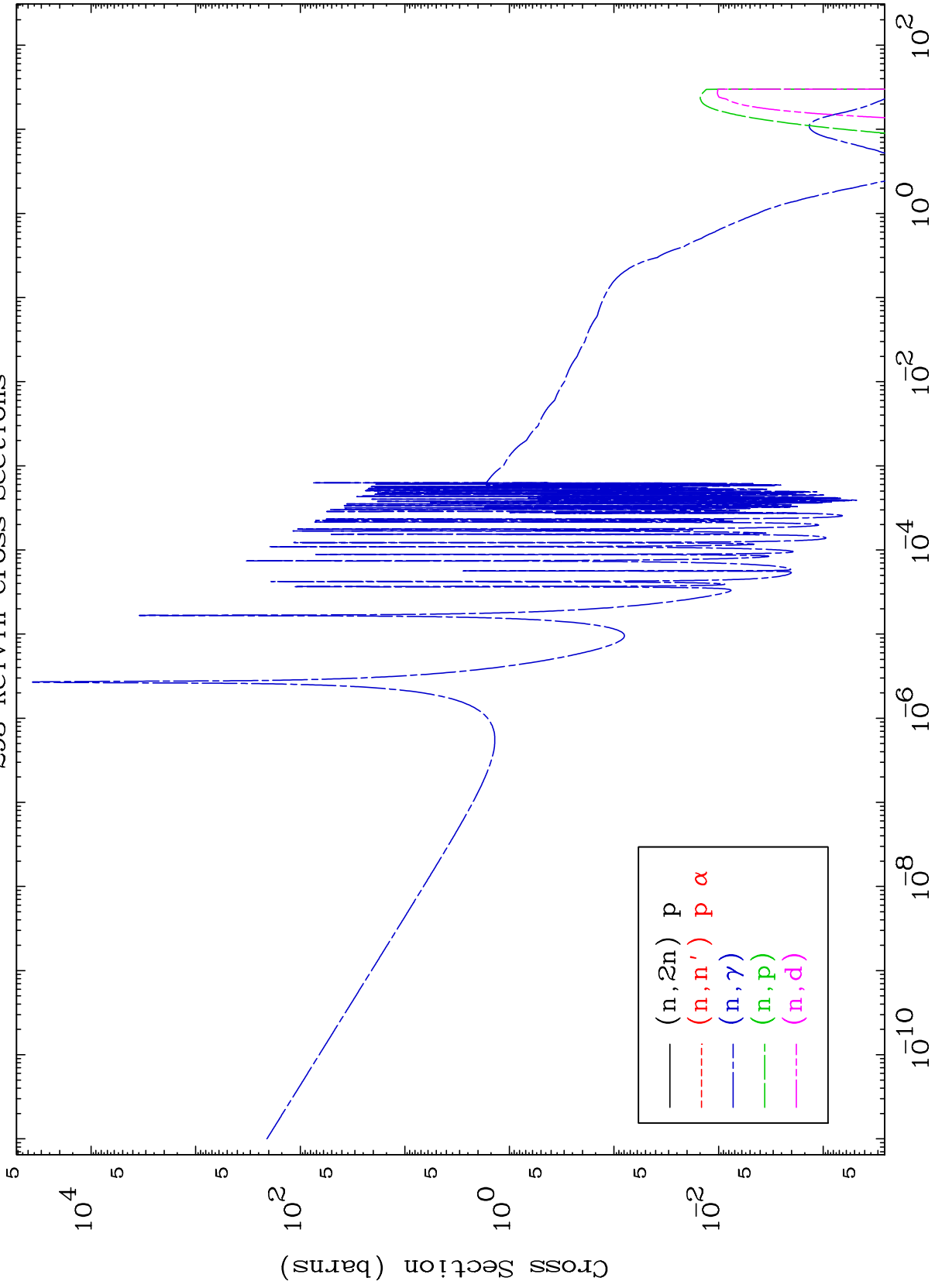
1

Incident Energy (MeV)

85-At-218



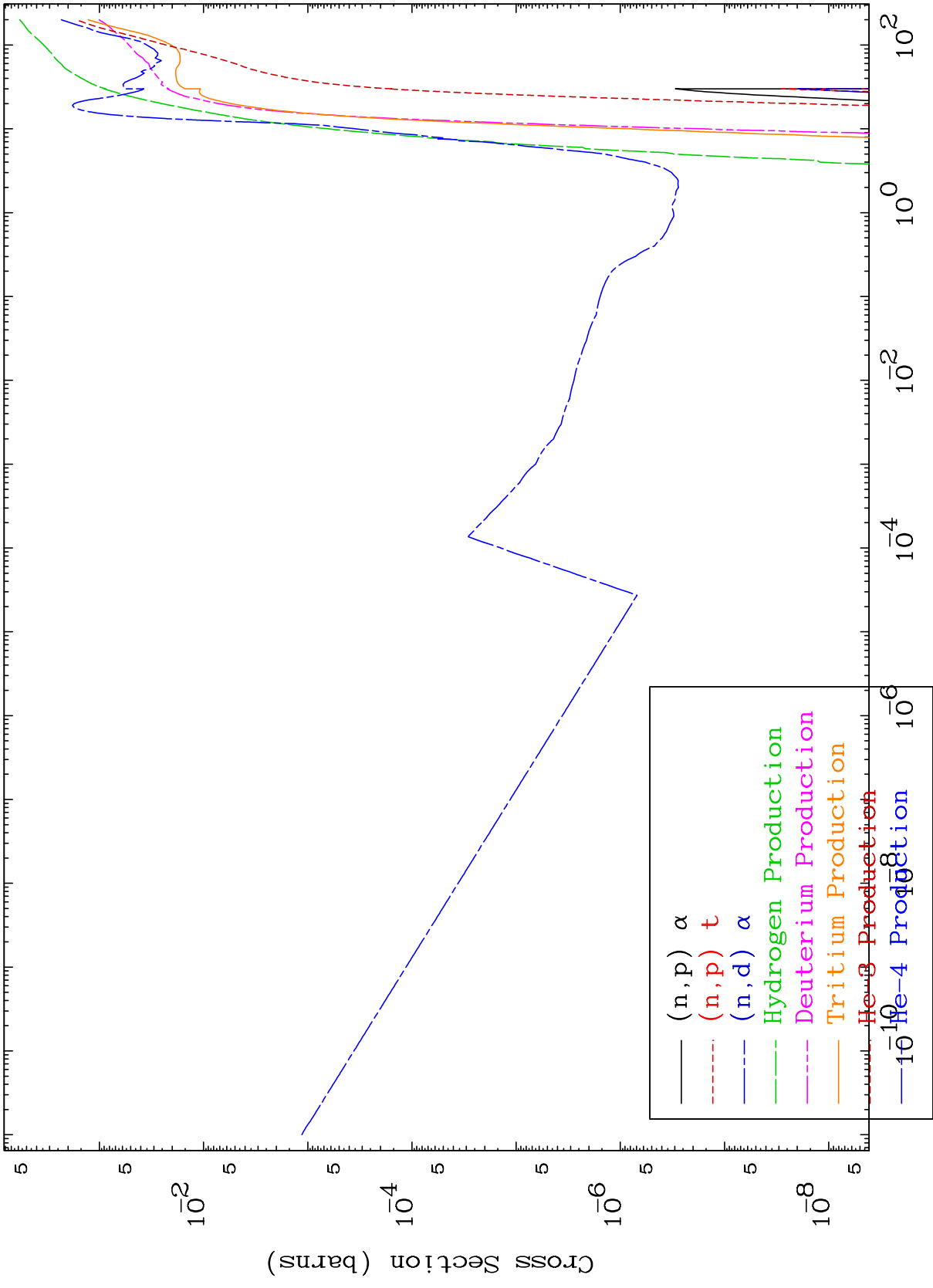




MAT 8570

Neutron Absorption  
293 Kelvin Cross Sections

85-At-218



5

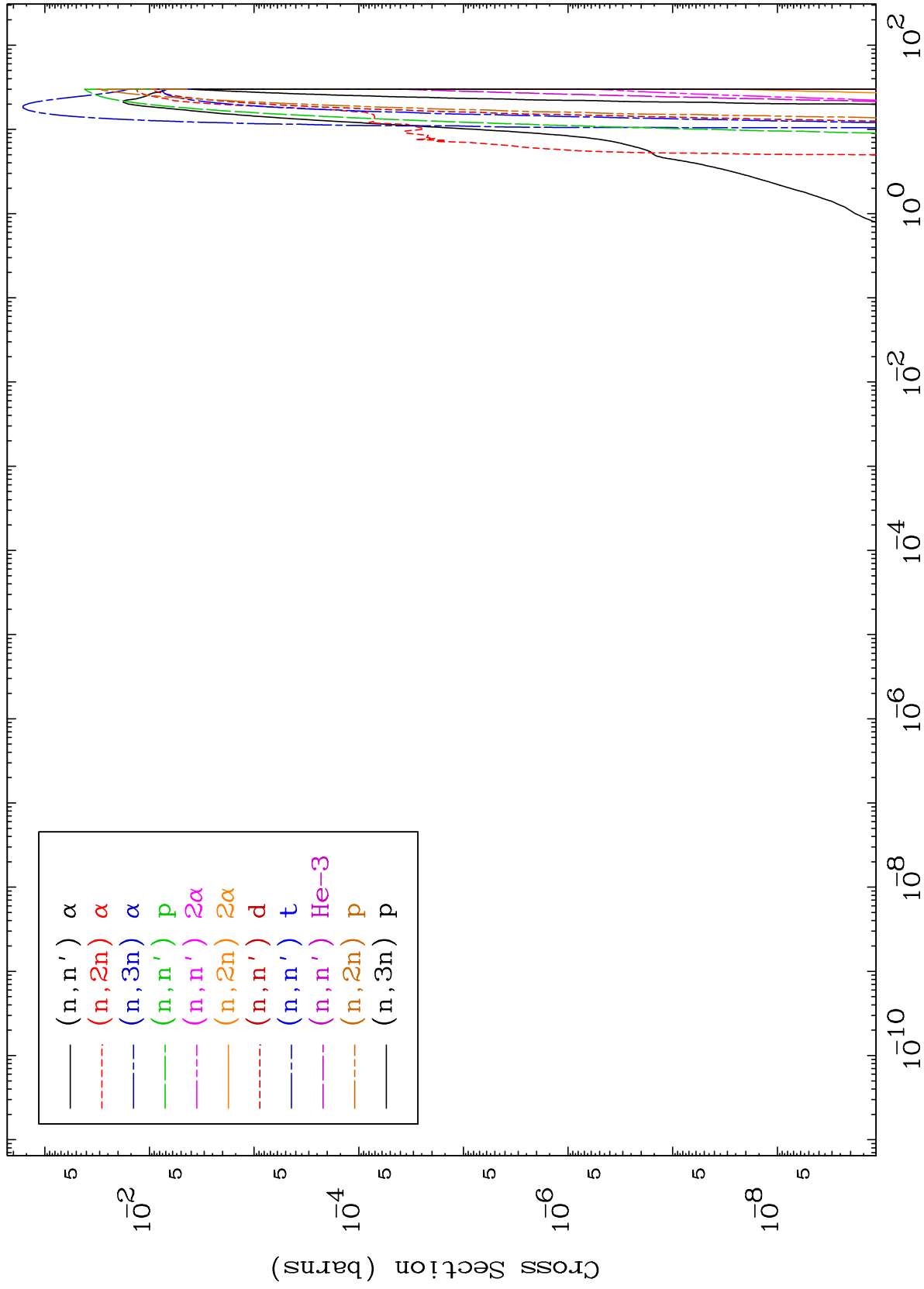
Incident Energy (MeV)

85-At-218

MAT 8570

Charged Particle  
293 Kelvin Cross Sections

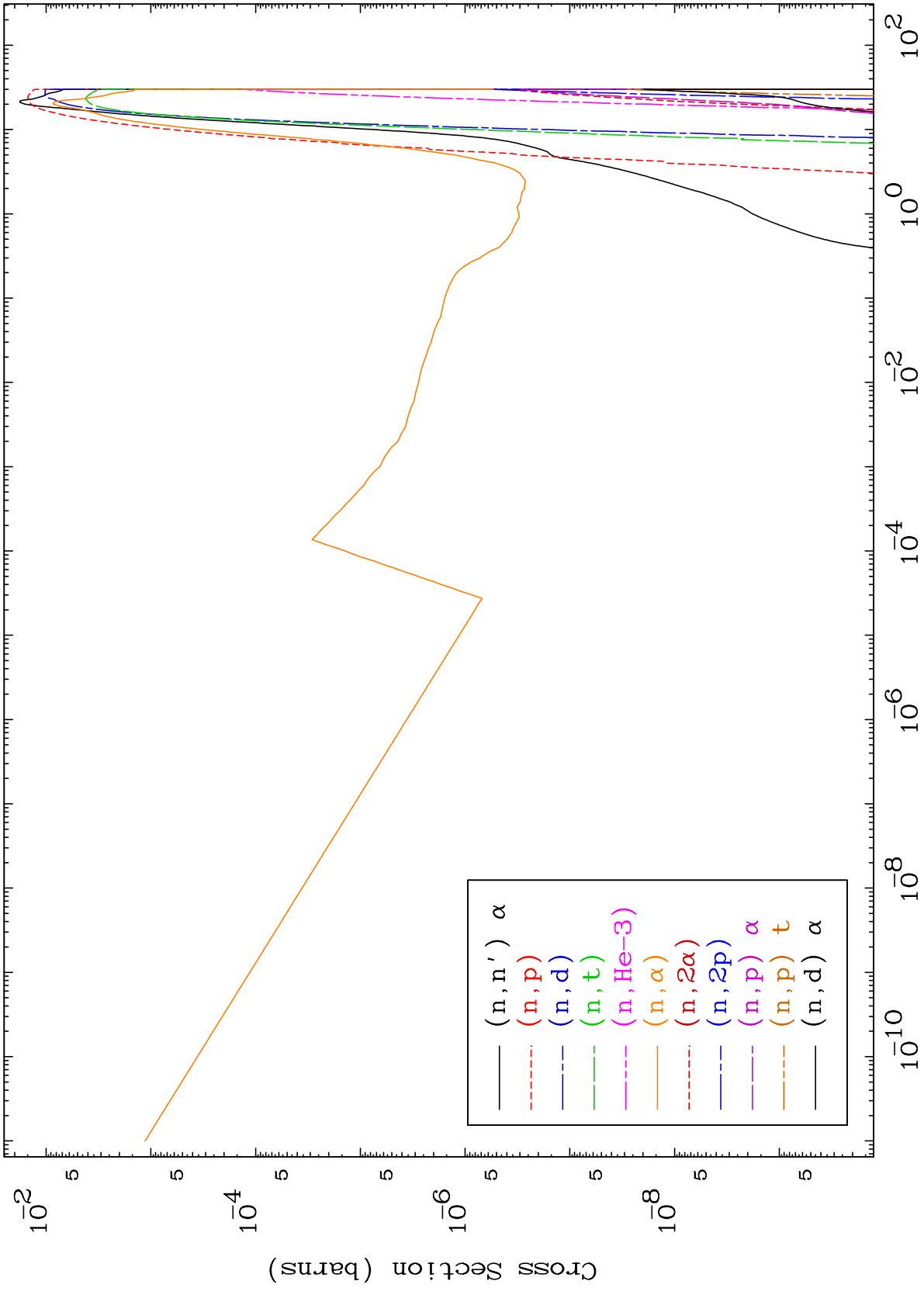
85-At-218



MAT 8570

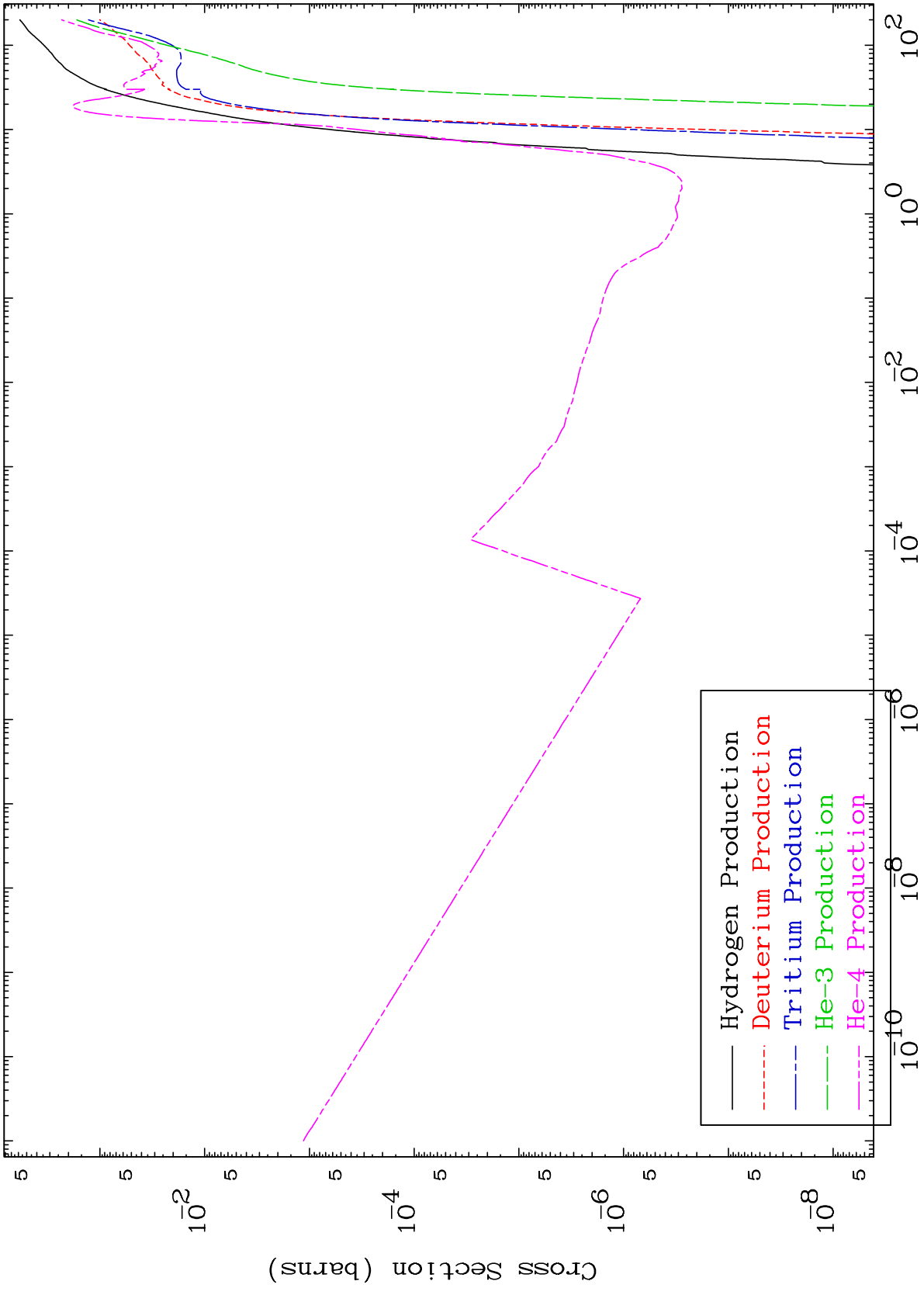
293 Kelvin Cross Sections

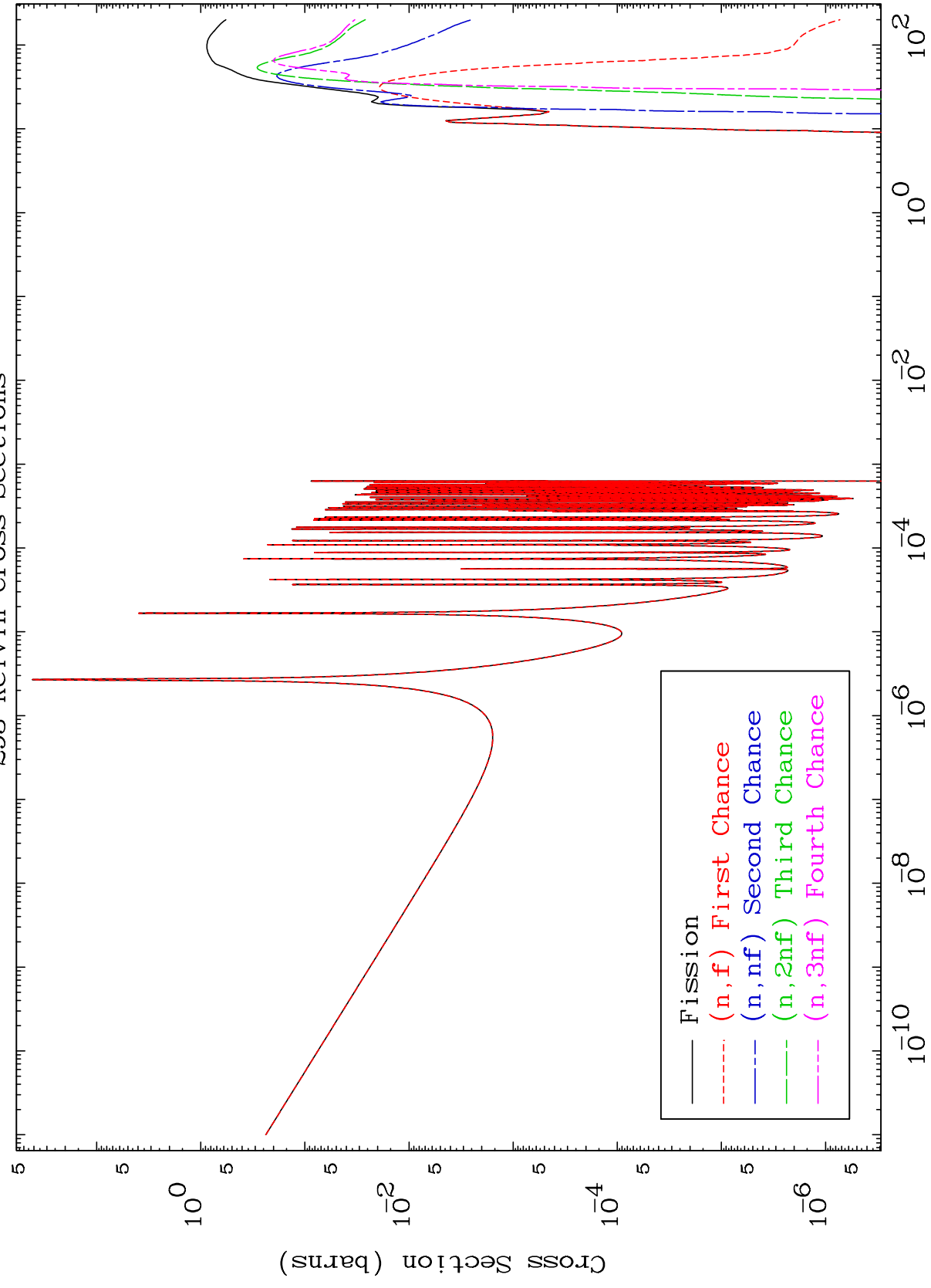
85-At-218



85-At-218





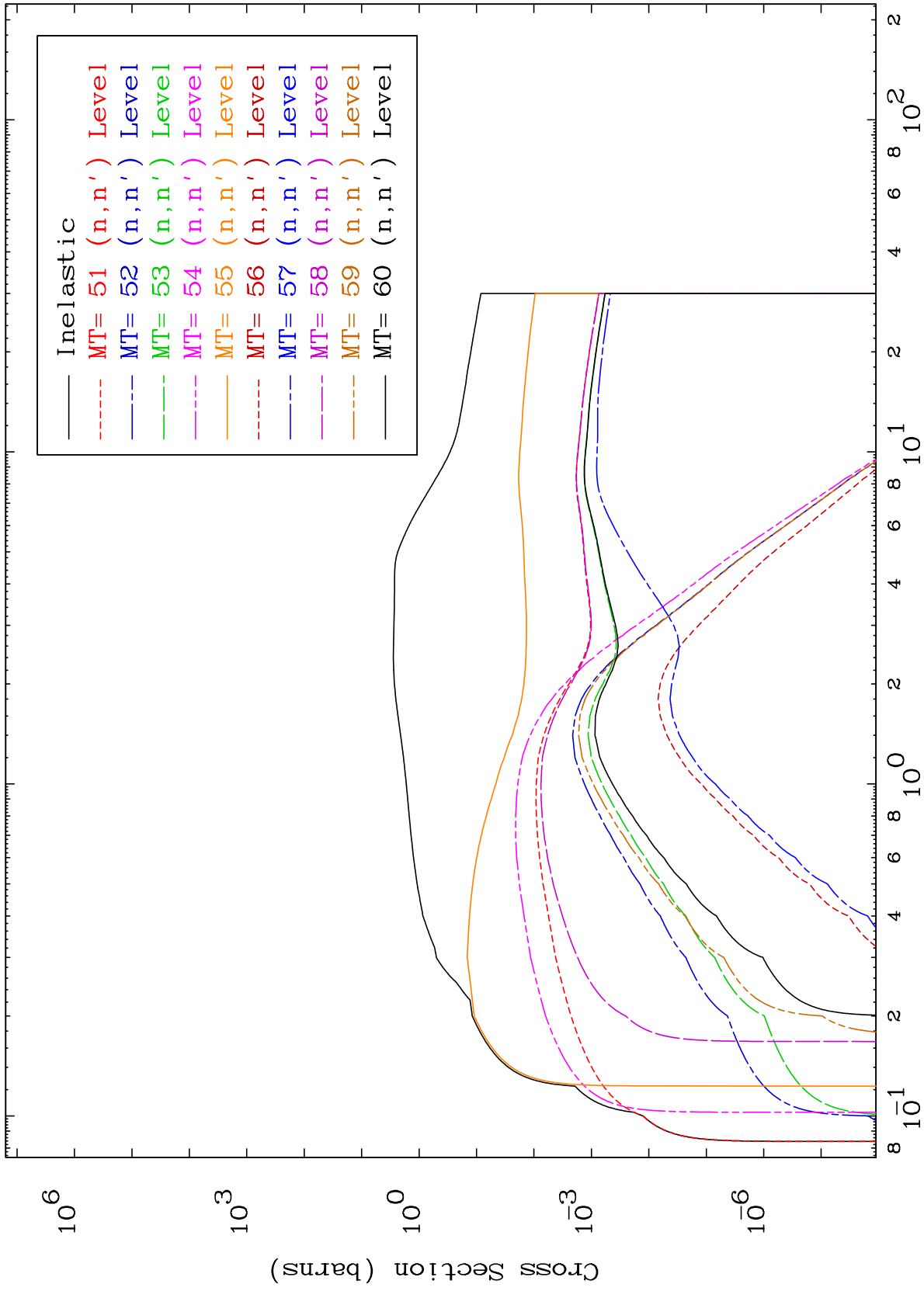


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(n,n') Levels

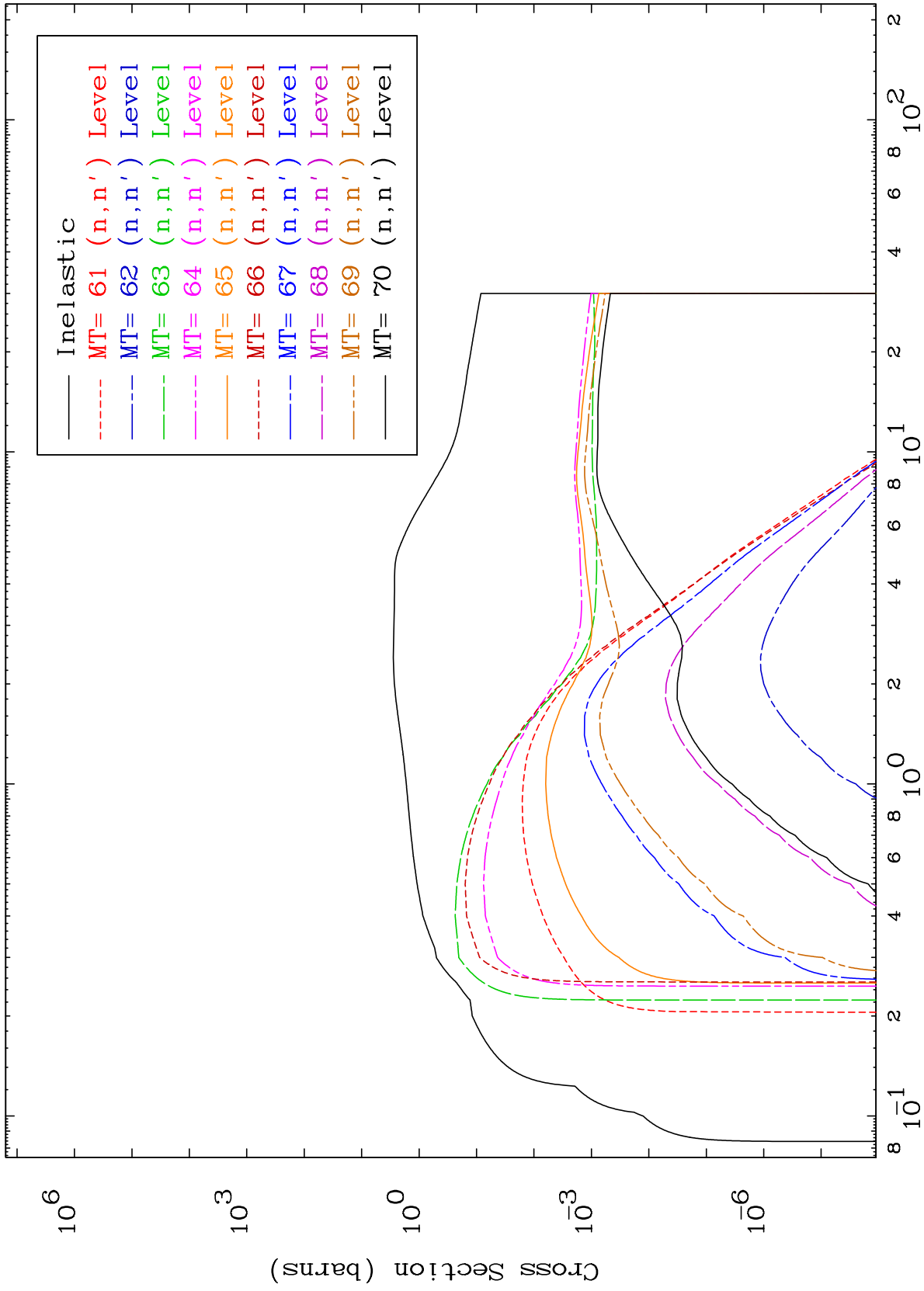
293 Kelvin Cross Sections

85-At-218



Incident Energy (MeV)

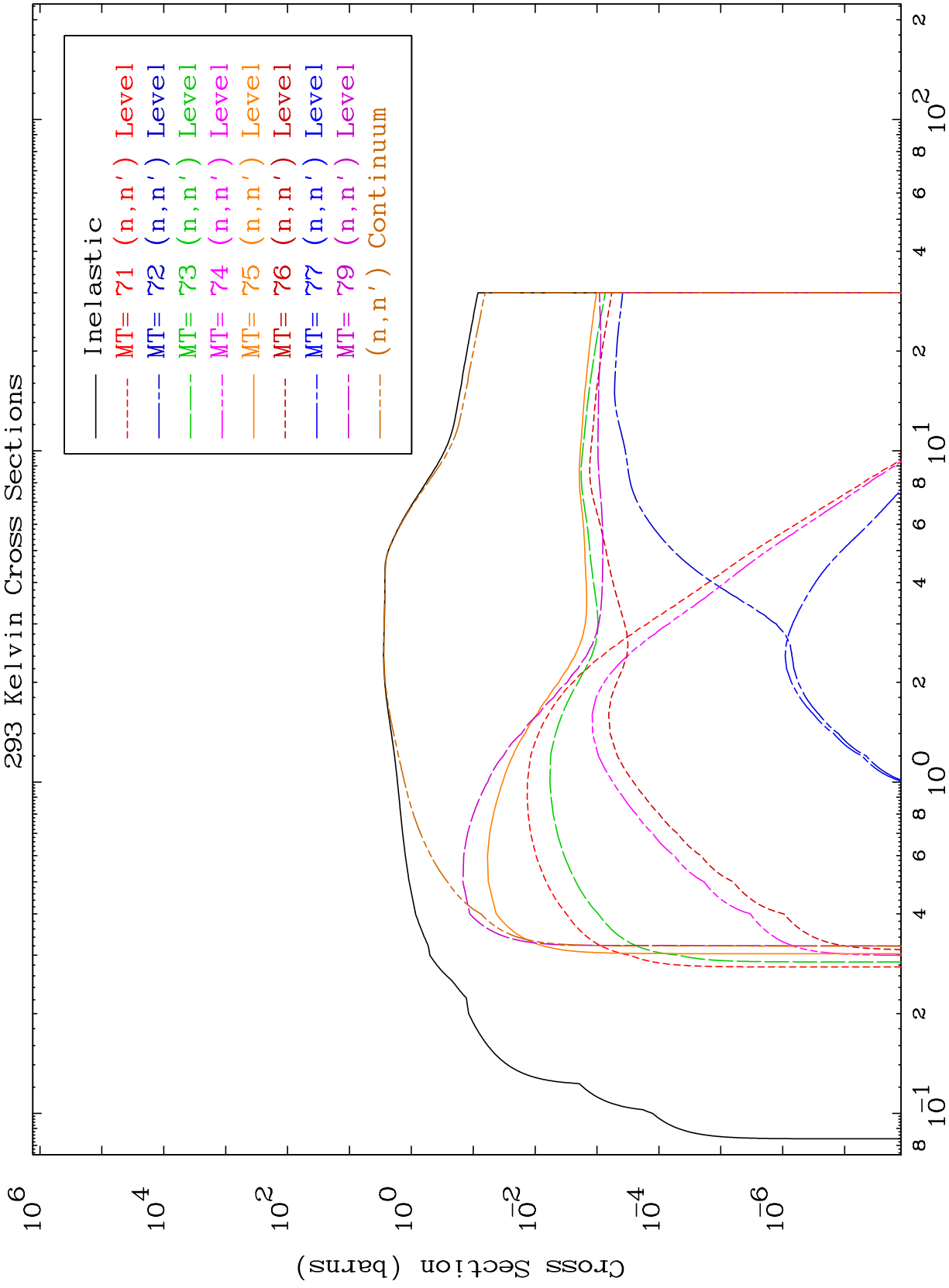
85-At-218



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(n,n') Levels  
293 Kelvin Cross Sections

85-At-218



12

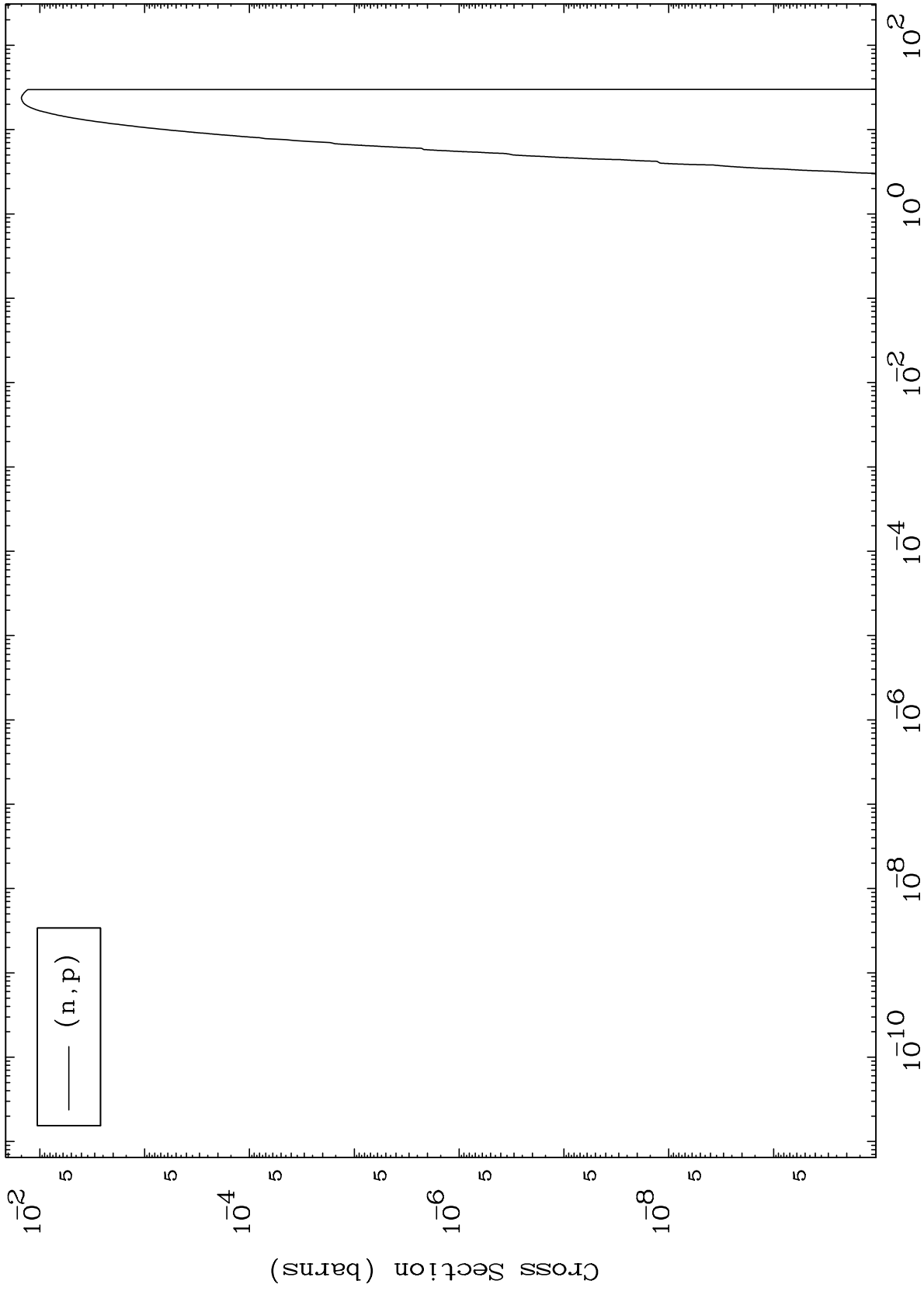
Incident Energy (MeV)

85-At-218

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(n,p) Levels  
293 Kelvin Cross Sections

85-At-218



13

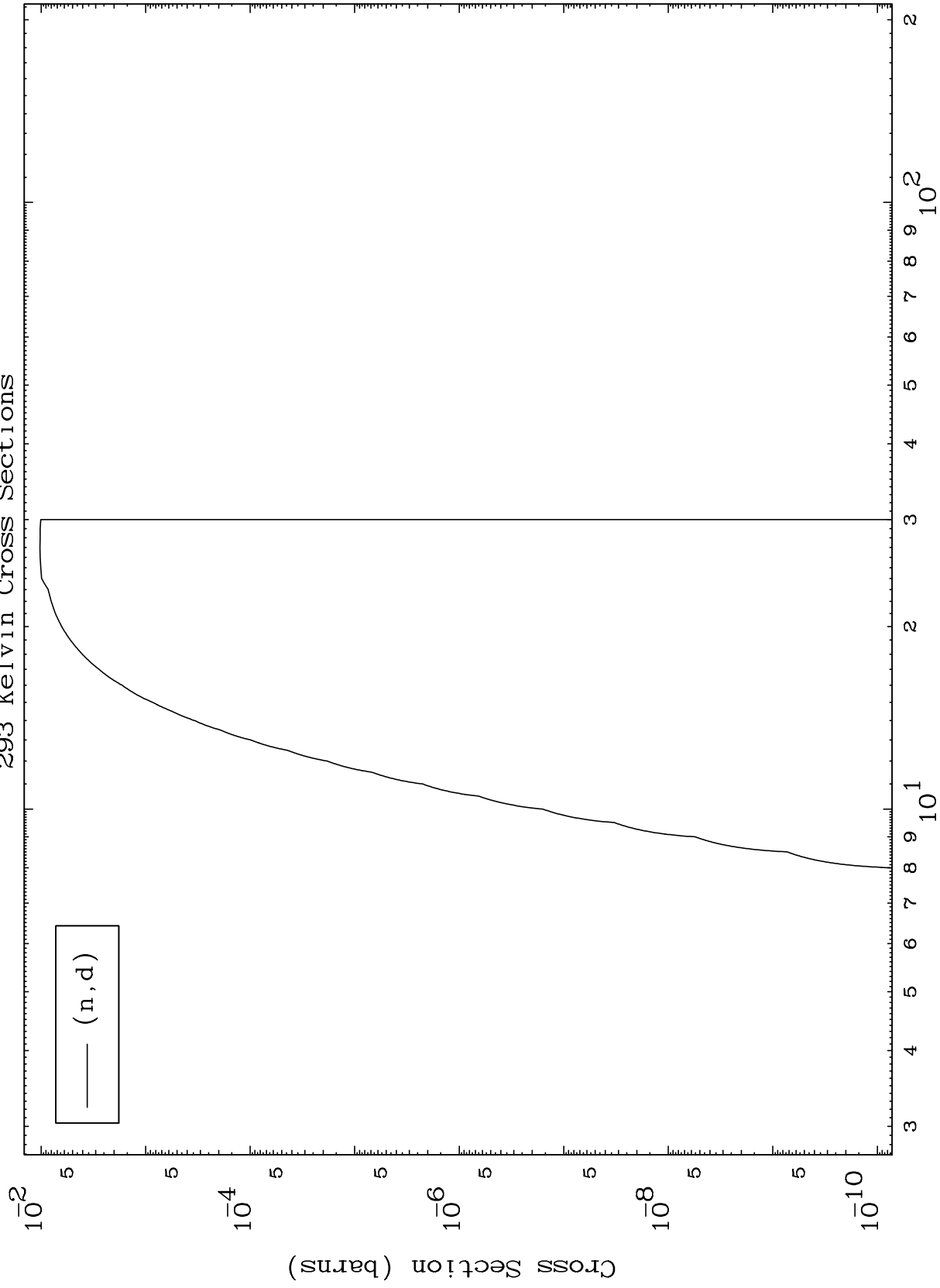
85-At-218

85-At-218

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(n,d) Levels  
293 Kelvin Cross Sections

85-At-218



14

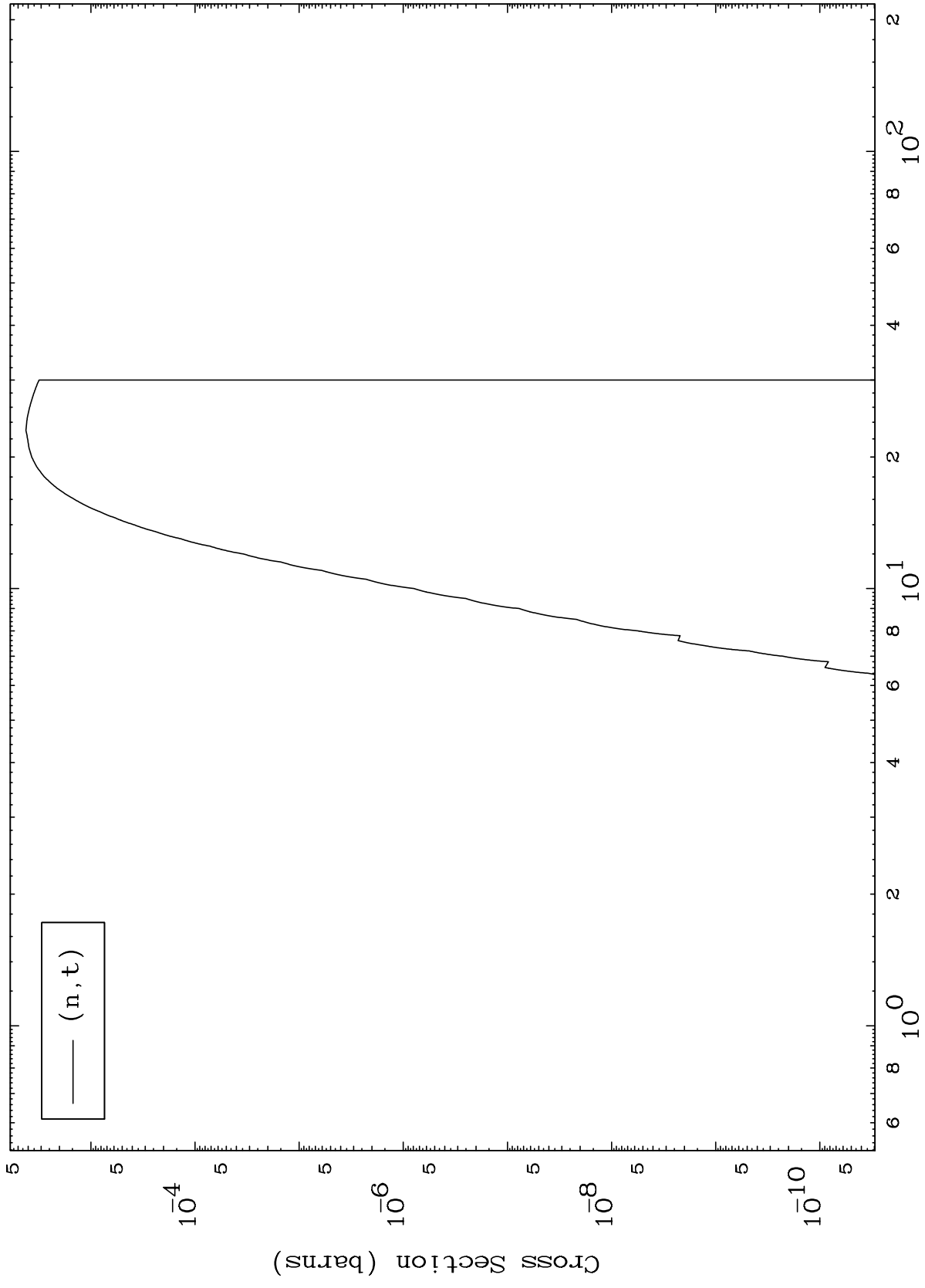
Incident Energy (MeV)

85-At-218

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(n,t) Levels  
293 Kelvin Cross Sections

85-At-218



15

Incident Energy (MeV)

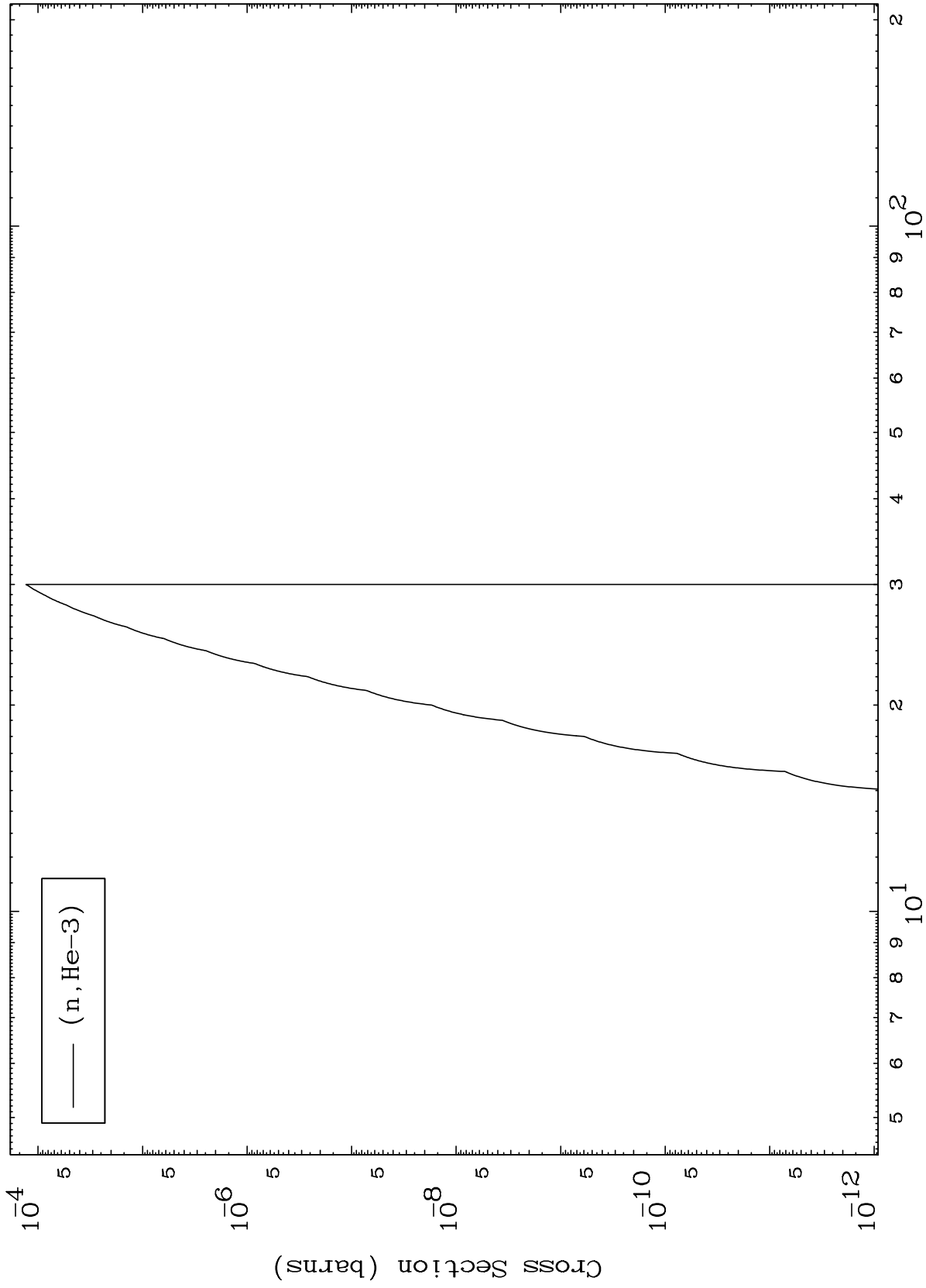
85-At-218



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85-At-218

(n,He3) Levels  
293 Kelvin Cross Sections



16

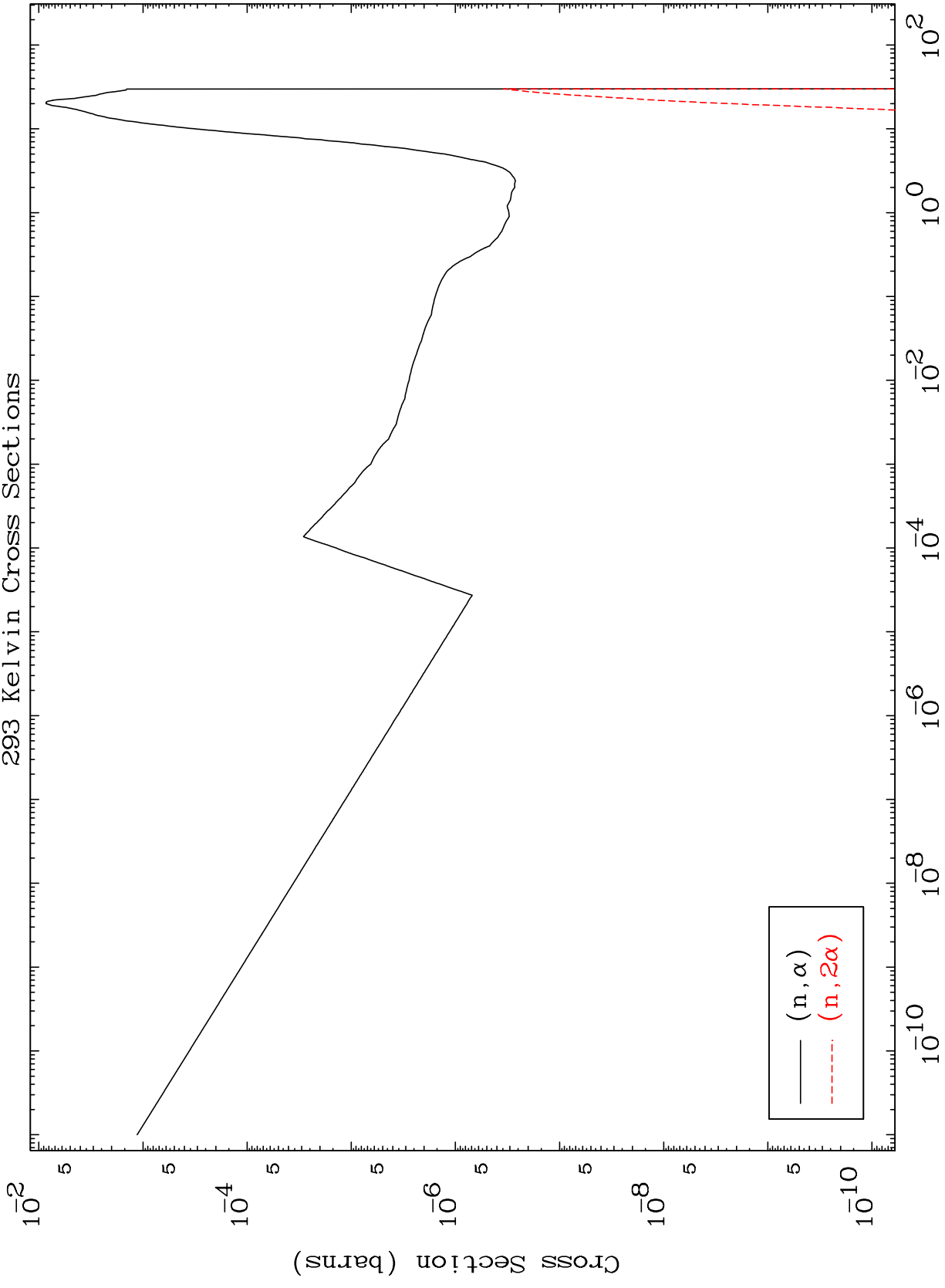
Incident Energy (MeV)

85-At-218

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(n,α) Levels  
293 Kelvin Cross Sections

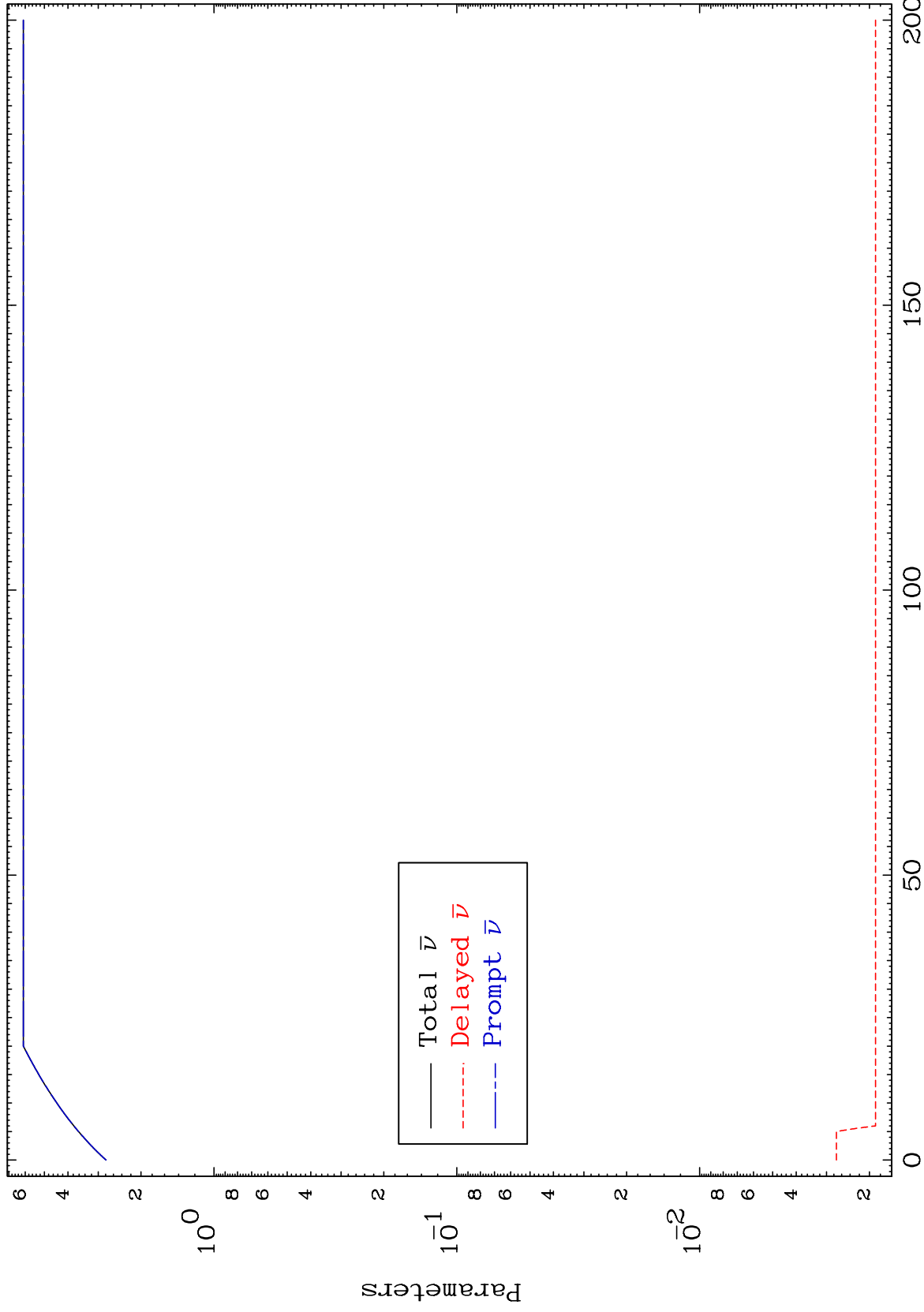
85-At-218



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Energy Release  
Parameters

85-At-218



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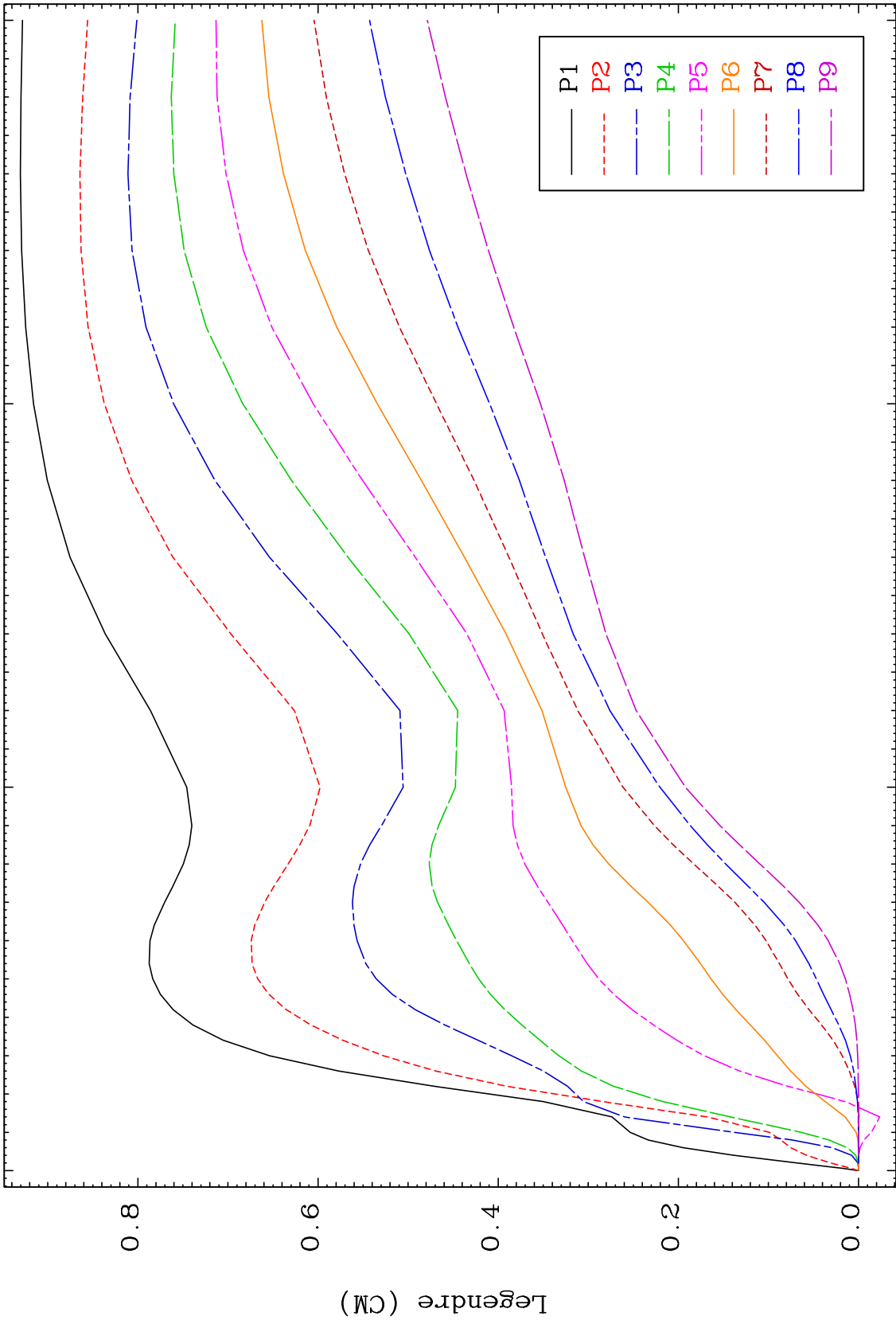
Incident Energy (MeV)

85-At-218

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85-At-218

Elastic Legendre Coefficients



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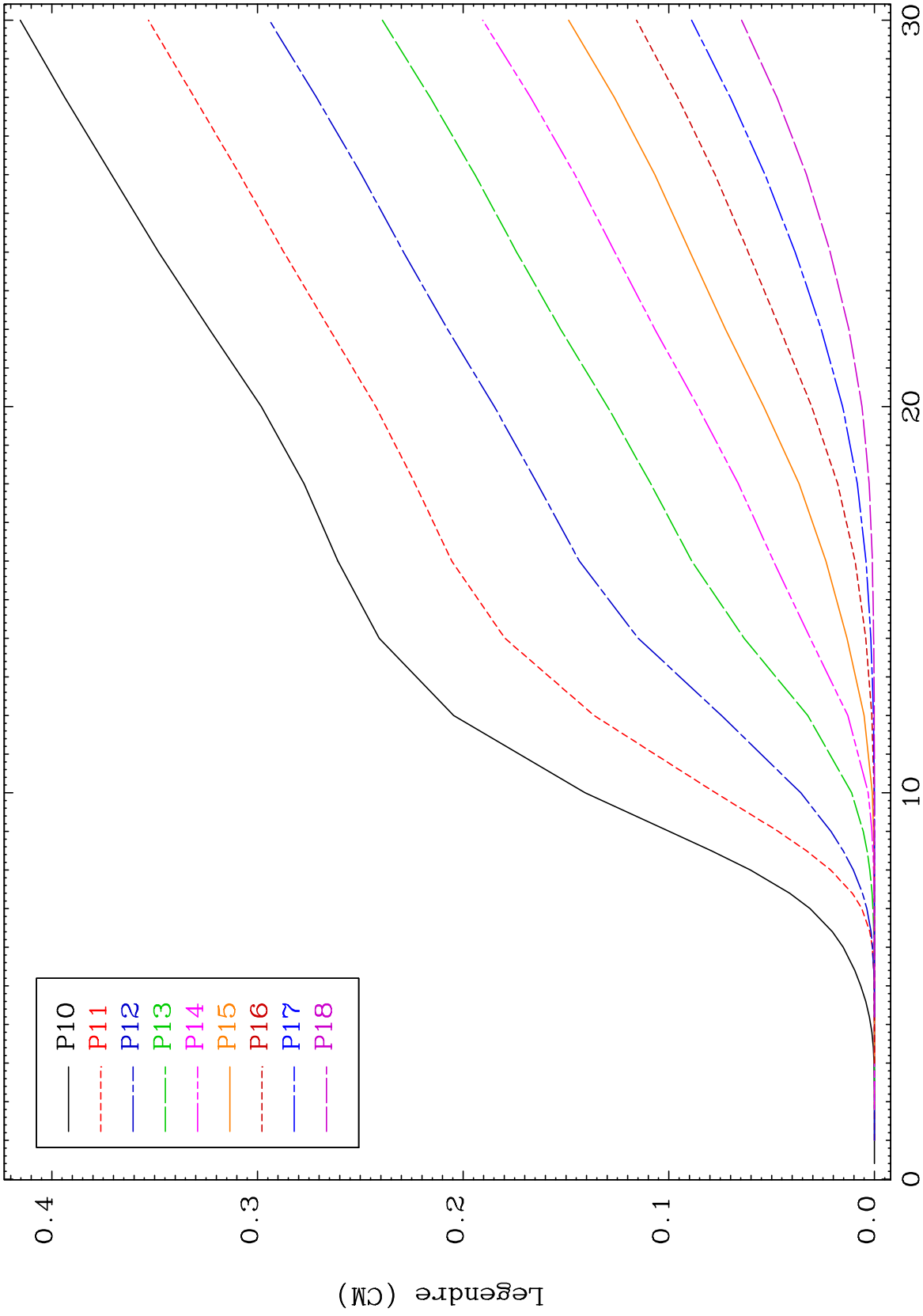
Incident Energy (MeV)

85-At-218

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Elastic Legendre Coefficients

85-At-218



20

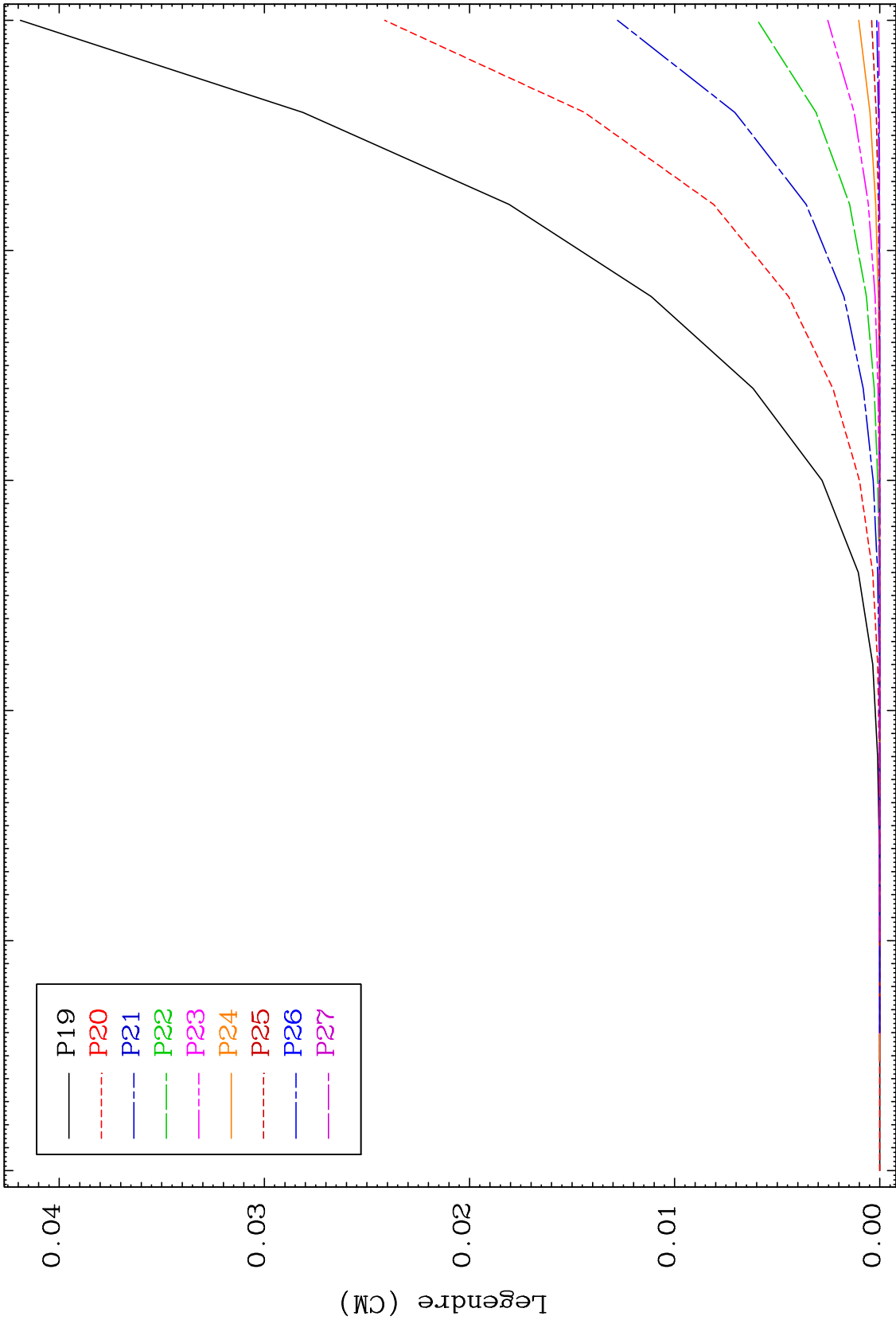
Incident Energy (MeV)

85-At-218

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Elastic Legendre Coefficients

85-At-218



21

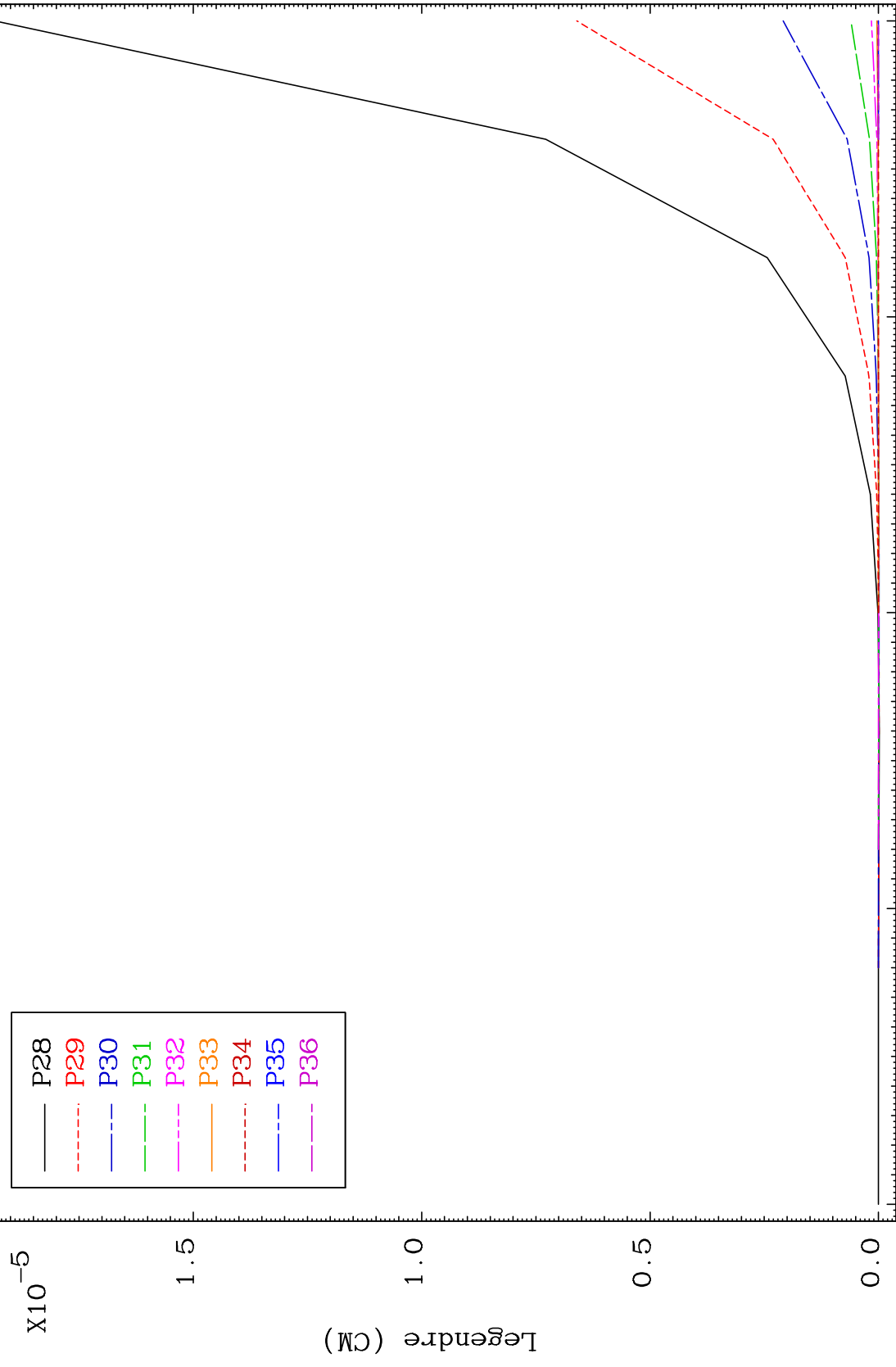
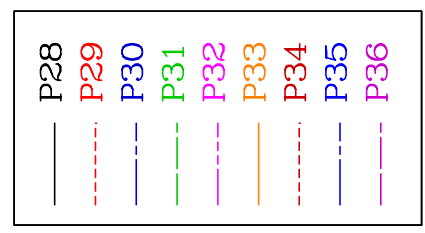
Incident Energy (MeV)

85-At-218

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Elastic Legendre Coefficients

85-At-218



22

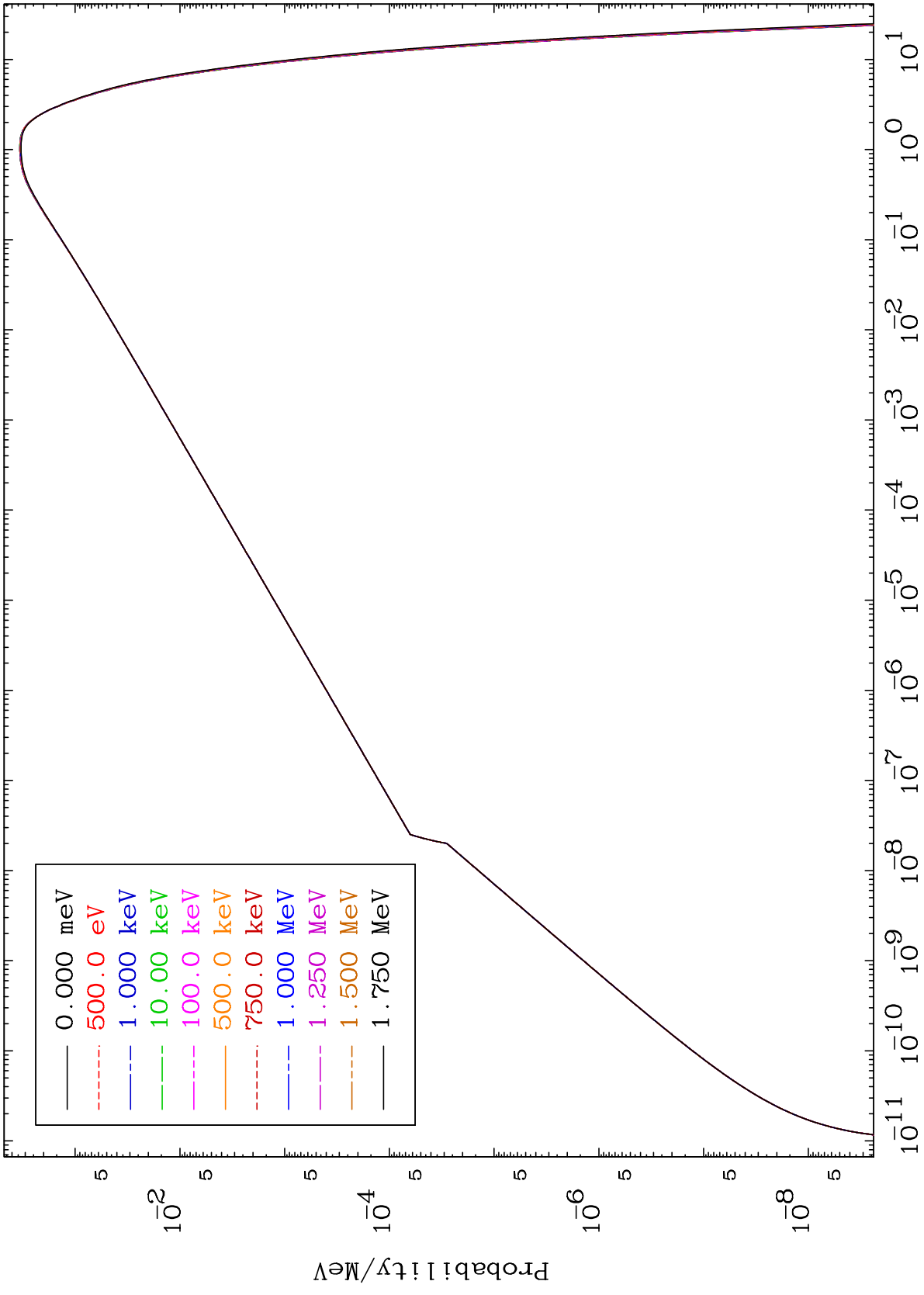
Incident Energy (MeV)

85-At-218

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### Fission Energy Distributions

85-At-218



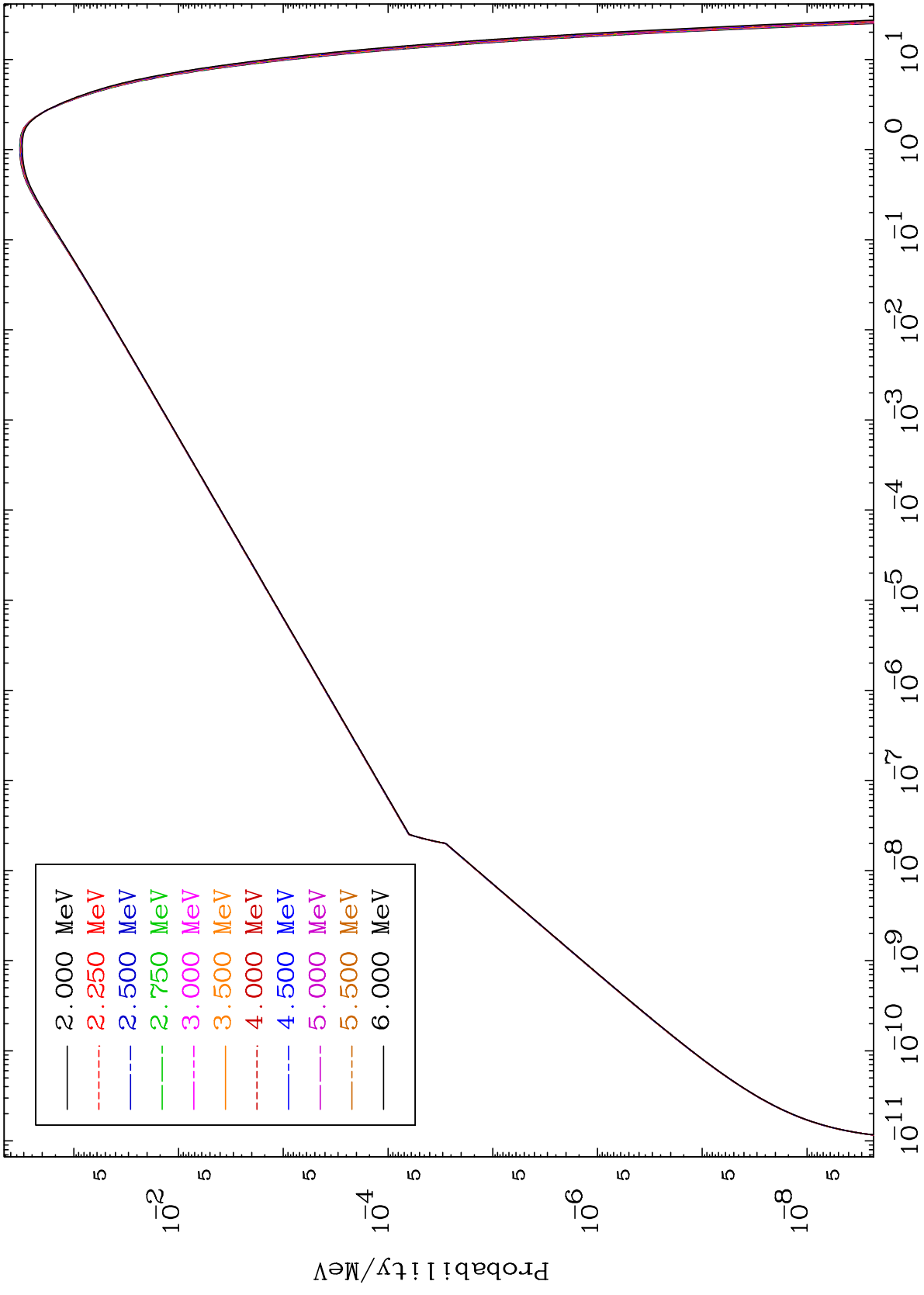
85-At-218



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### Fission Energy Distributions

85-At-218

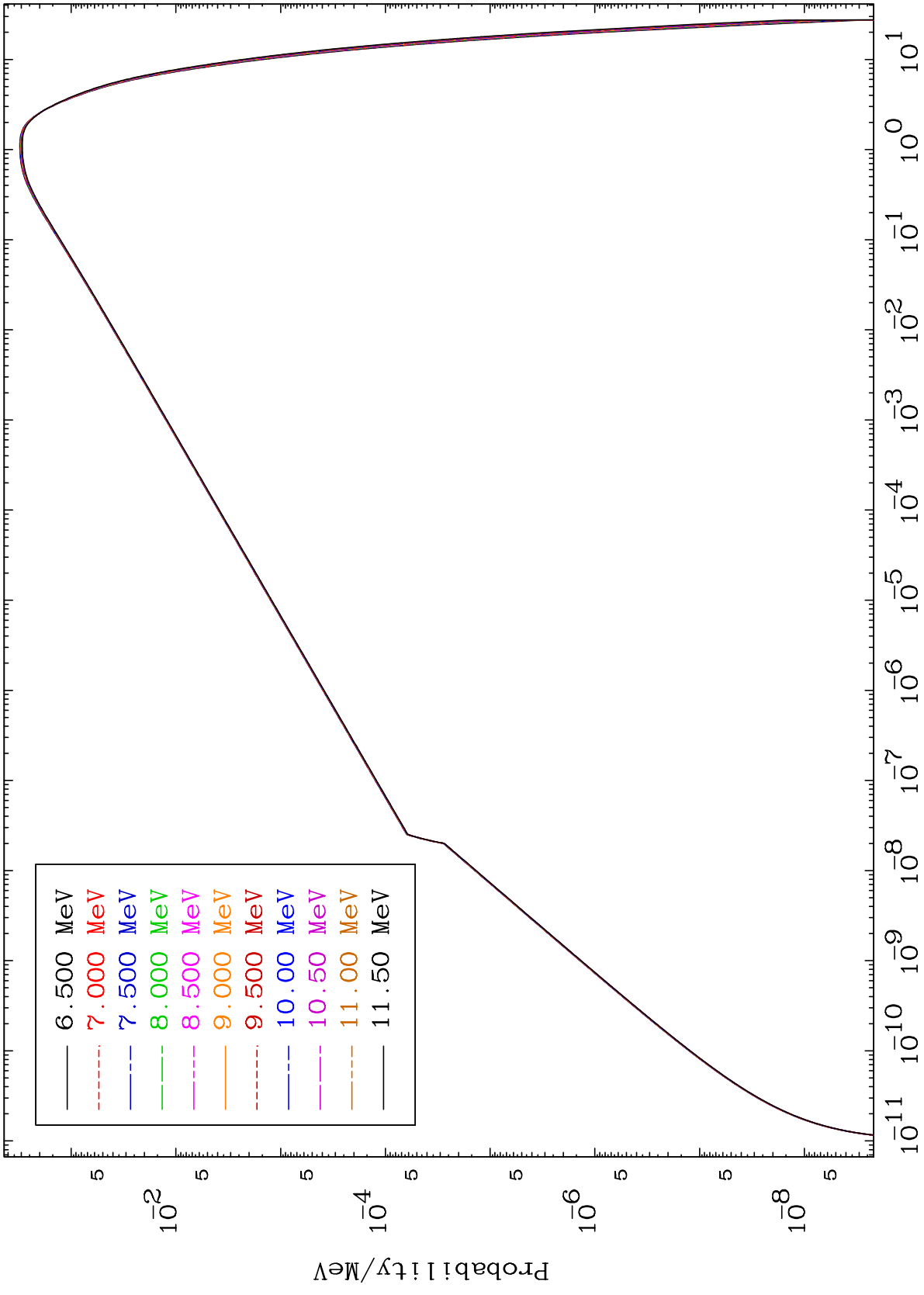


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### Fission Energy Distributions

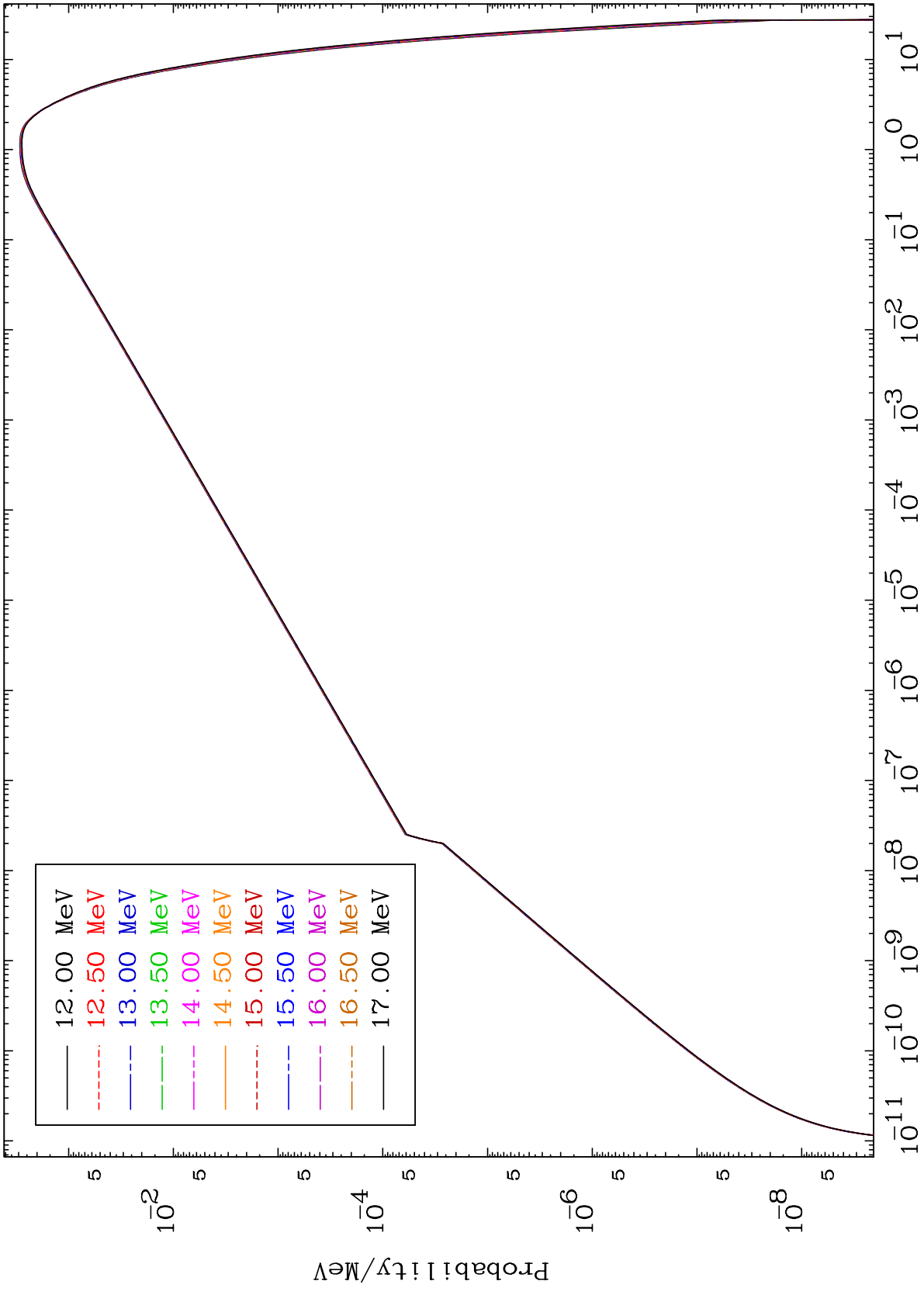
85-At-218



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### Fission Energy Distributions

85-At-218

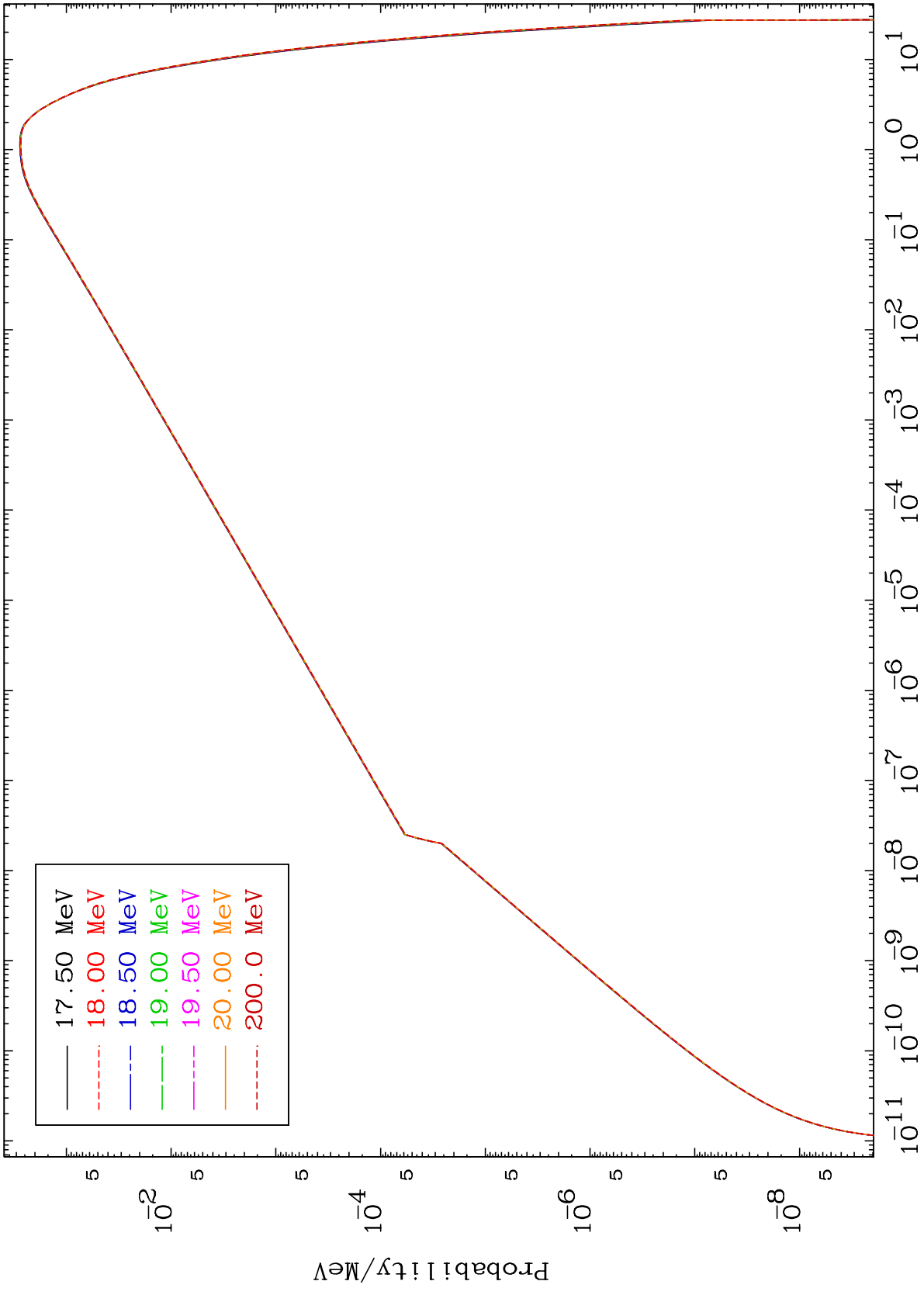


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### Fission Energy Distributions

85-At-218



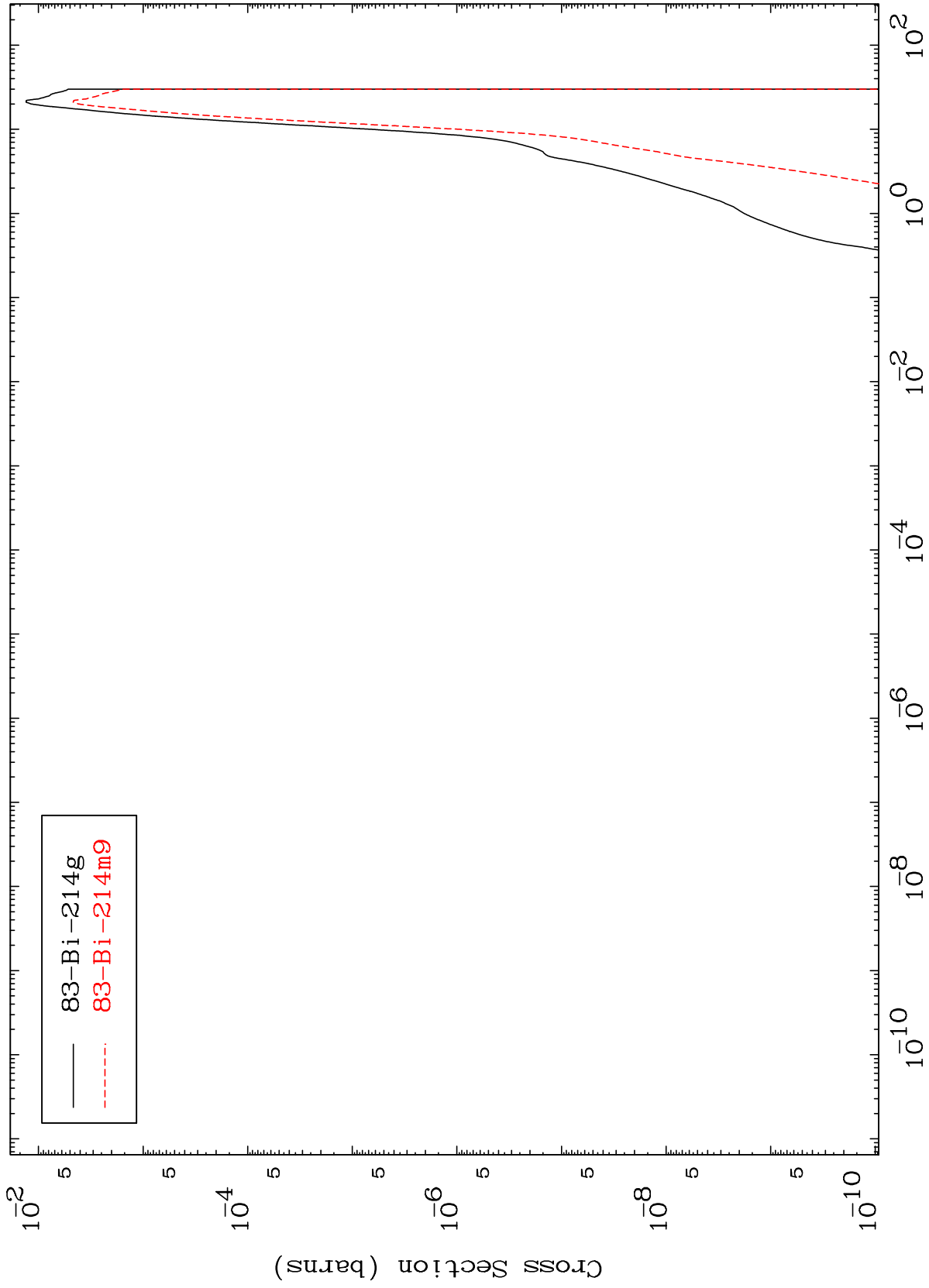
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(n,n')  $\alpha$

85-At-218

Radionuclide Production Cross Section



28

Incident Energy (MeV)

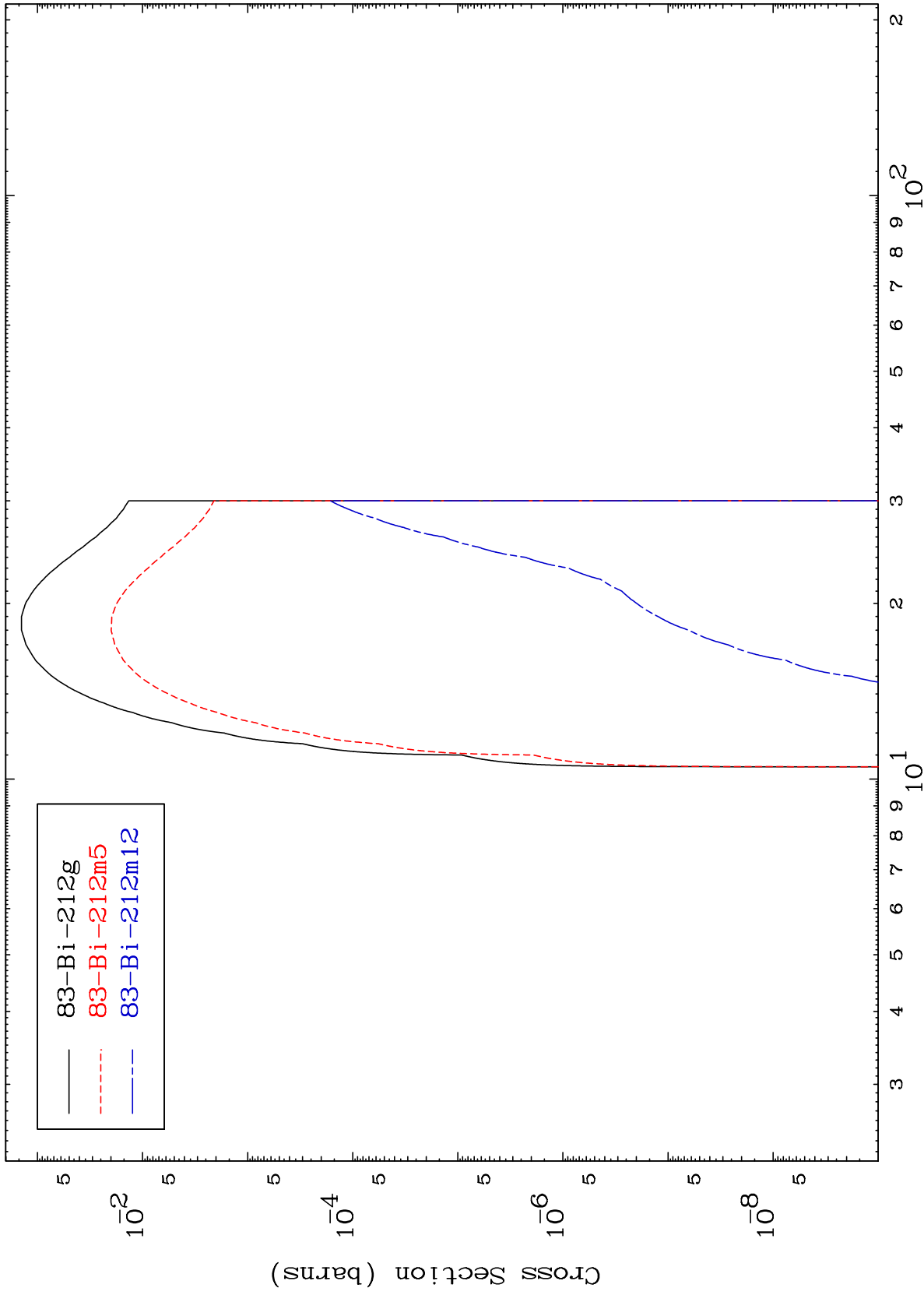
85-At-218

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(n,3n)  $\alpha$

85-At-218

Radionuclide Production Cross Section



29

Incident Energy (MeV)

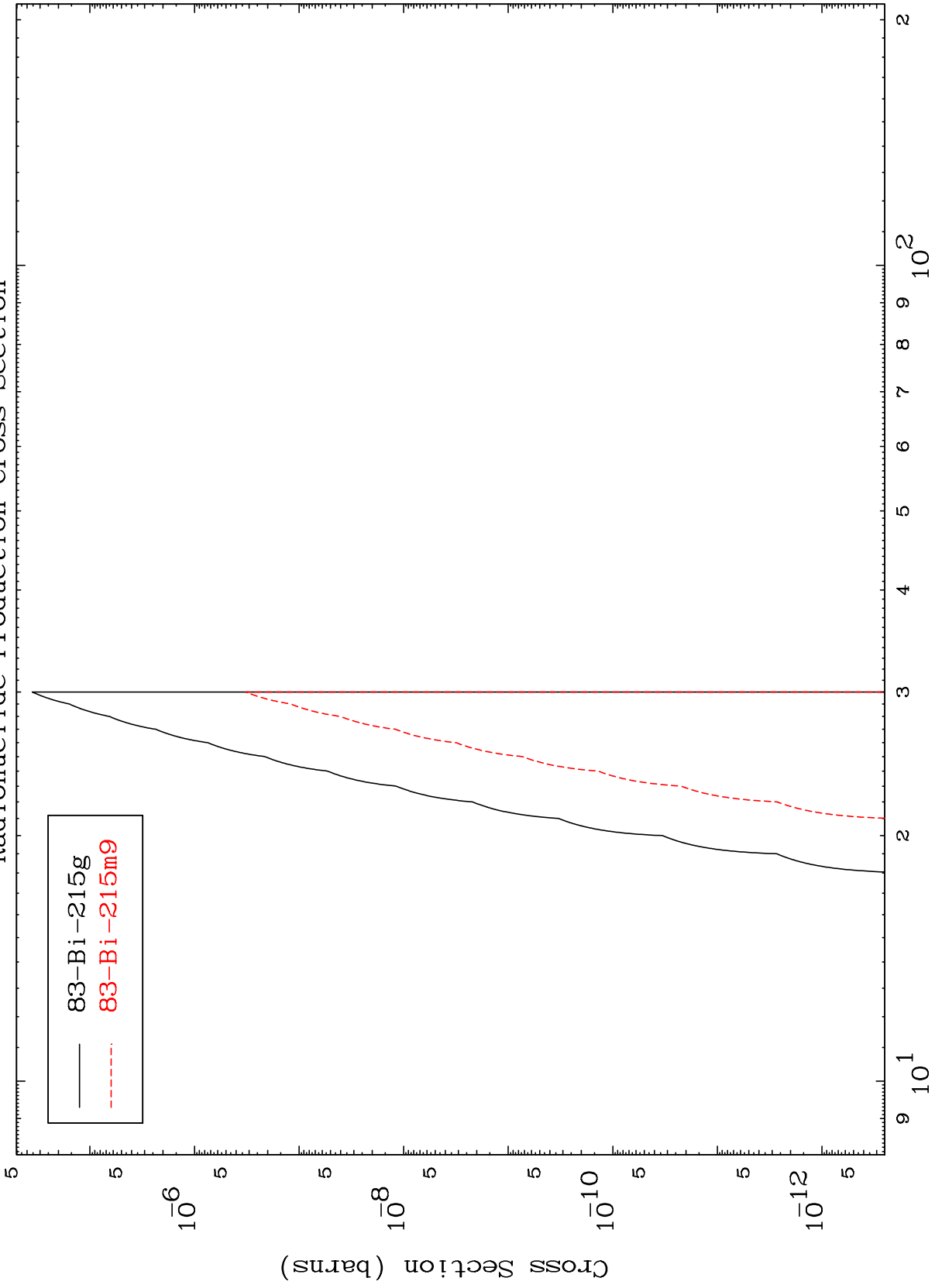
85-At-218

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(n, n') He-3

85-At-218

Radionuclide Production Cross Section



30

Incident Energy (MeV)

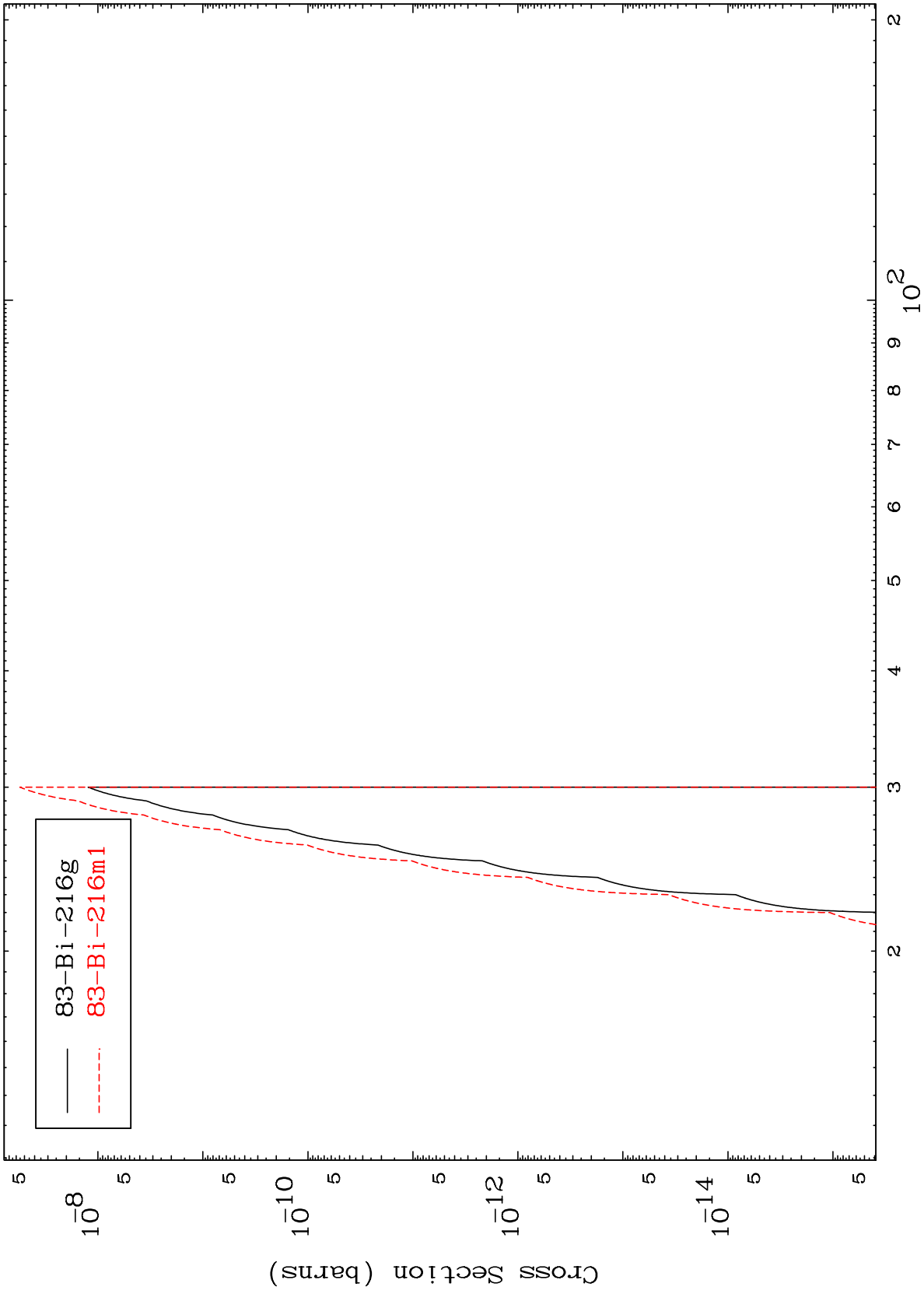
85-At-218

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(n,2n) p

85-At-218

Radionuclide Production Cross Section



31

Incident Energy (MeV)

85-At-218

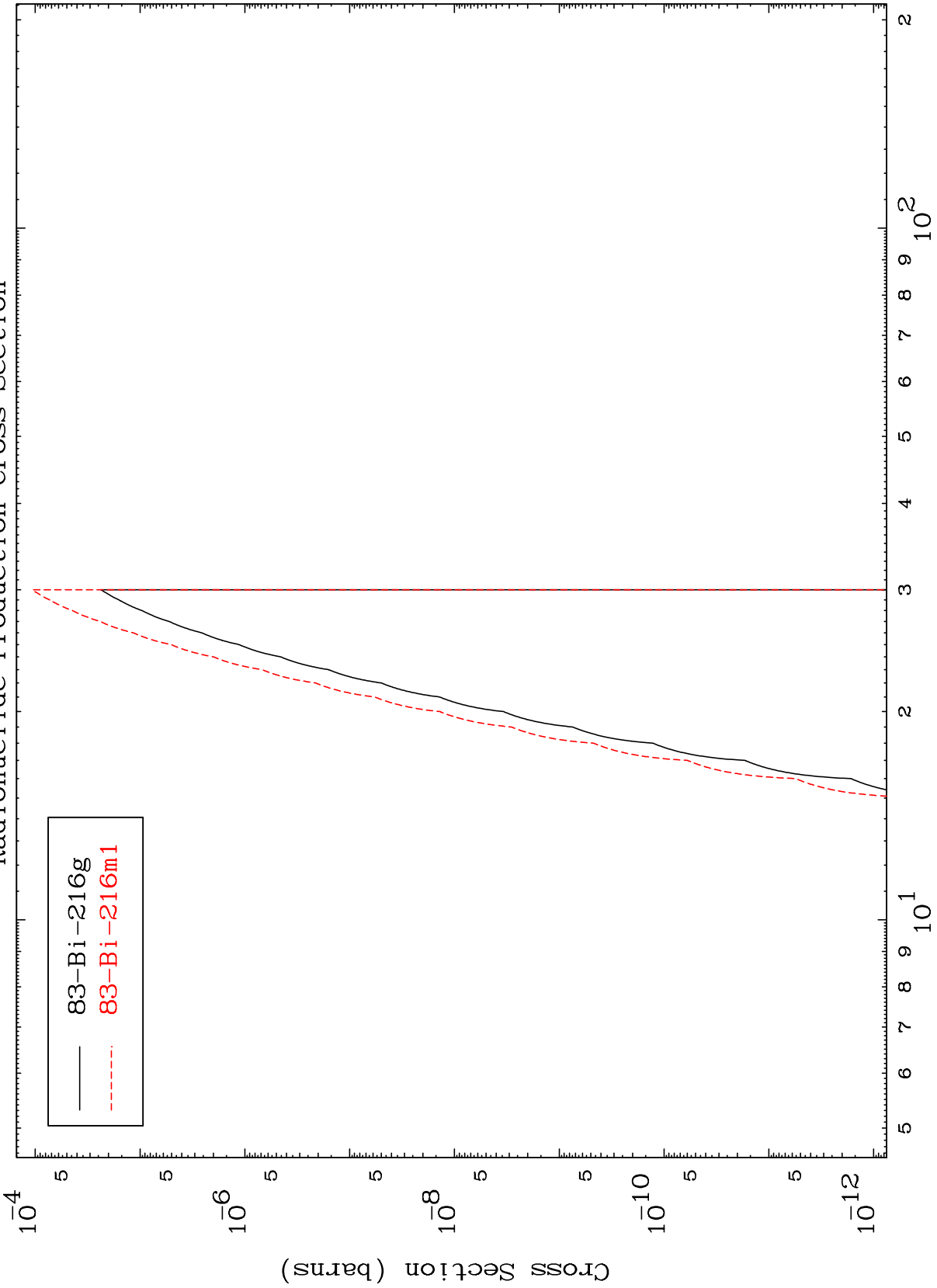


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(n, He-3)

85-At-218

Radionuclide Production Cross Section



32

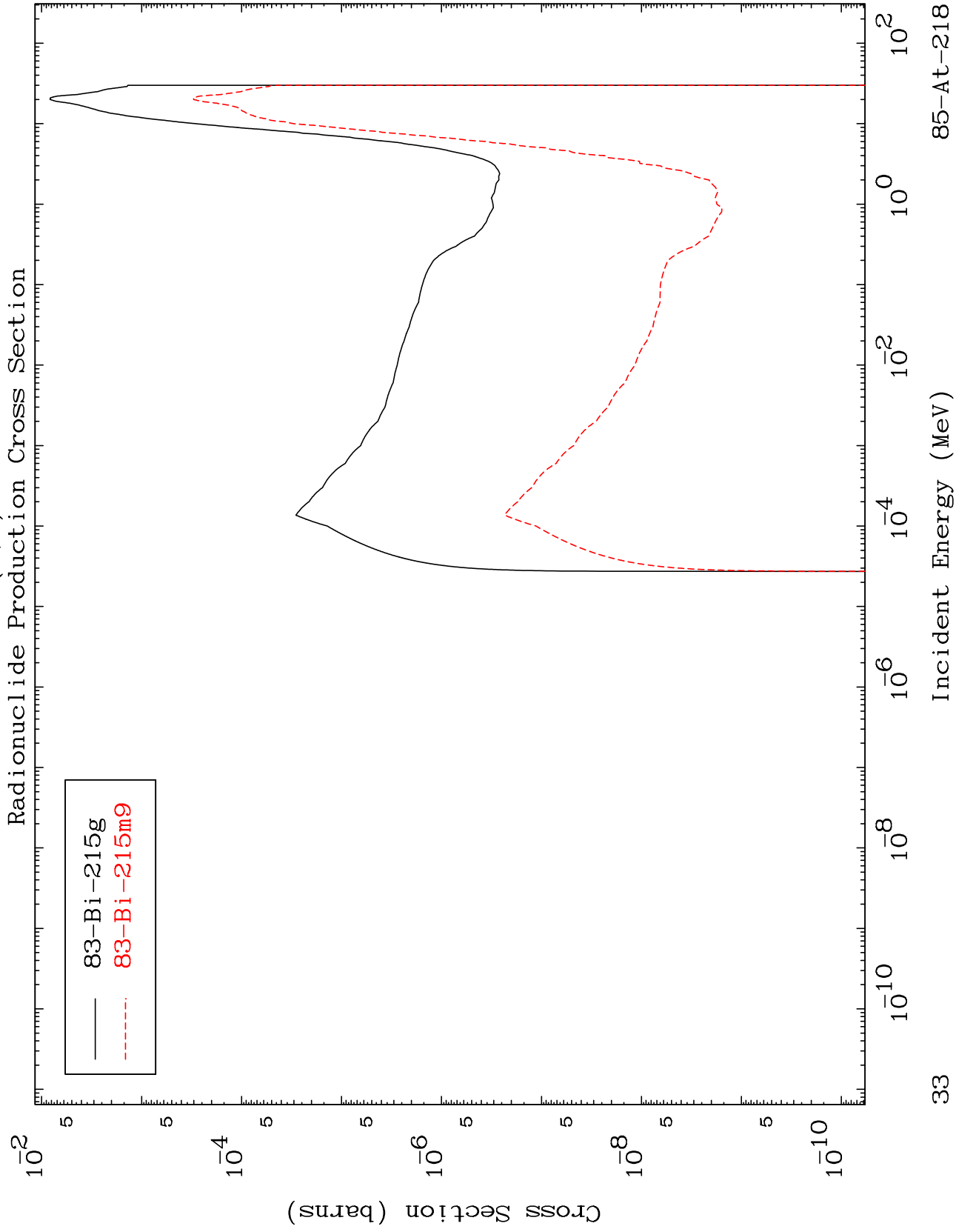
Incident Energy (MeV)

85-At-218

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(n,  $\alpha$ )

85-At-218

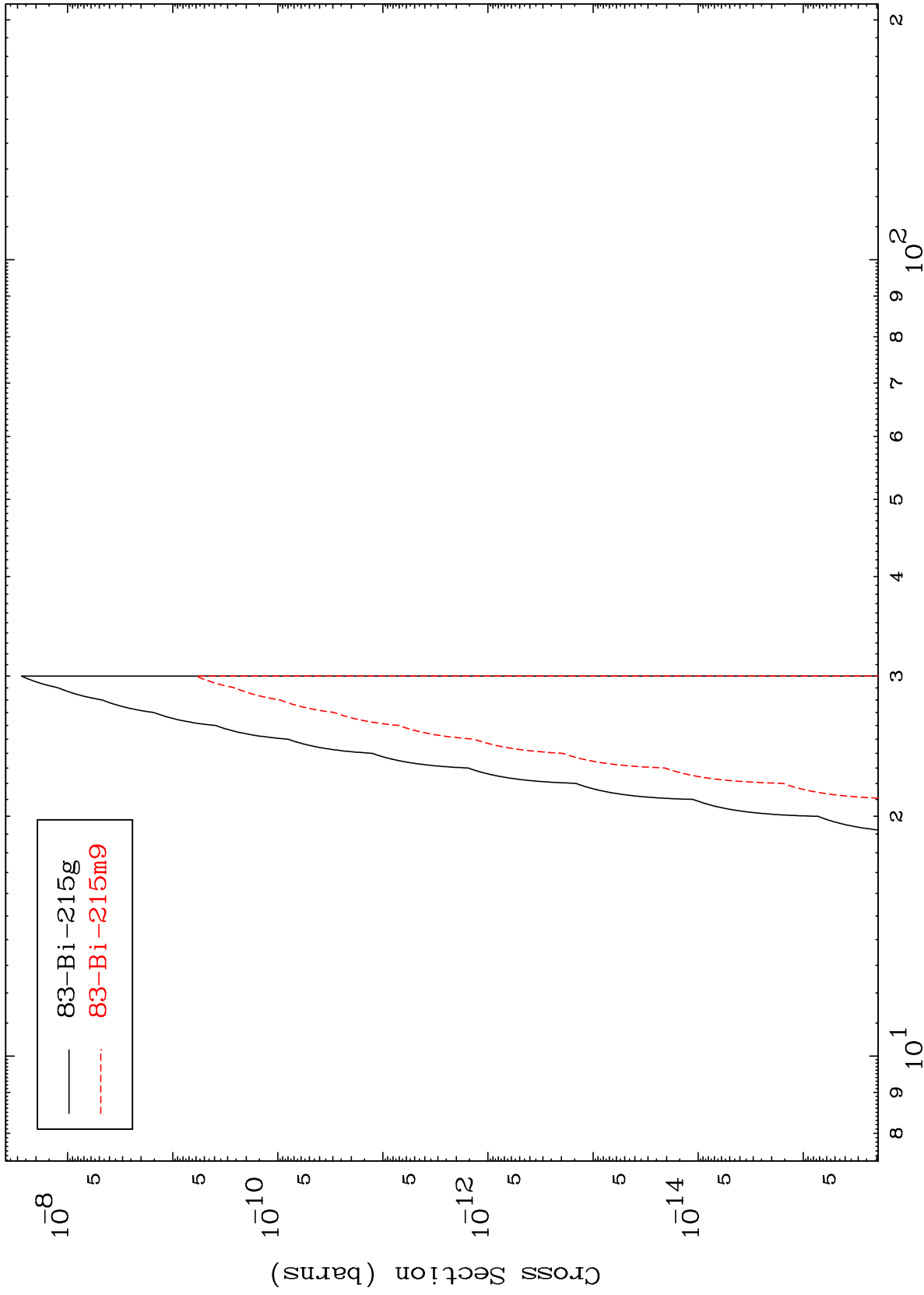


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(n,p) t

85-At-218

Radionuclide Production Cross Section



34

Incident Energy (MeV)

85-At-218