

Program EVALPLOT  
(Version 2021-1)

by

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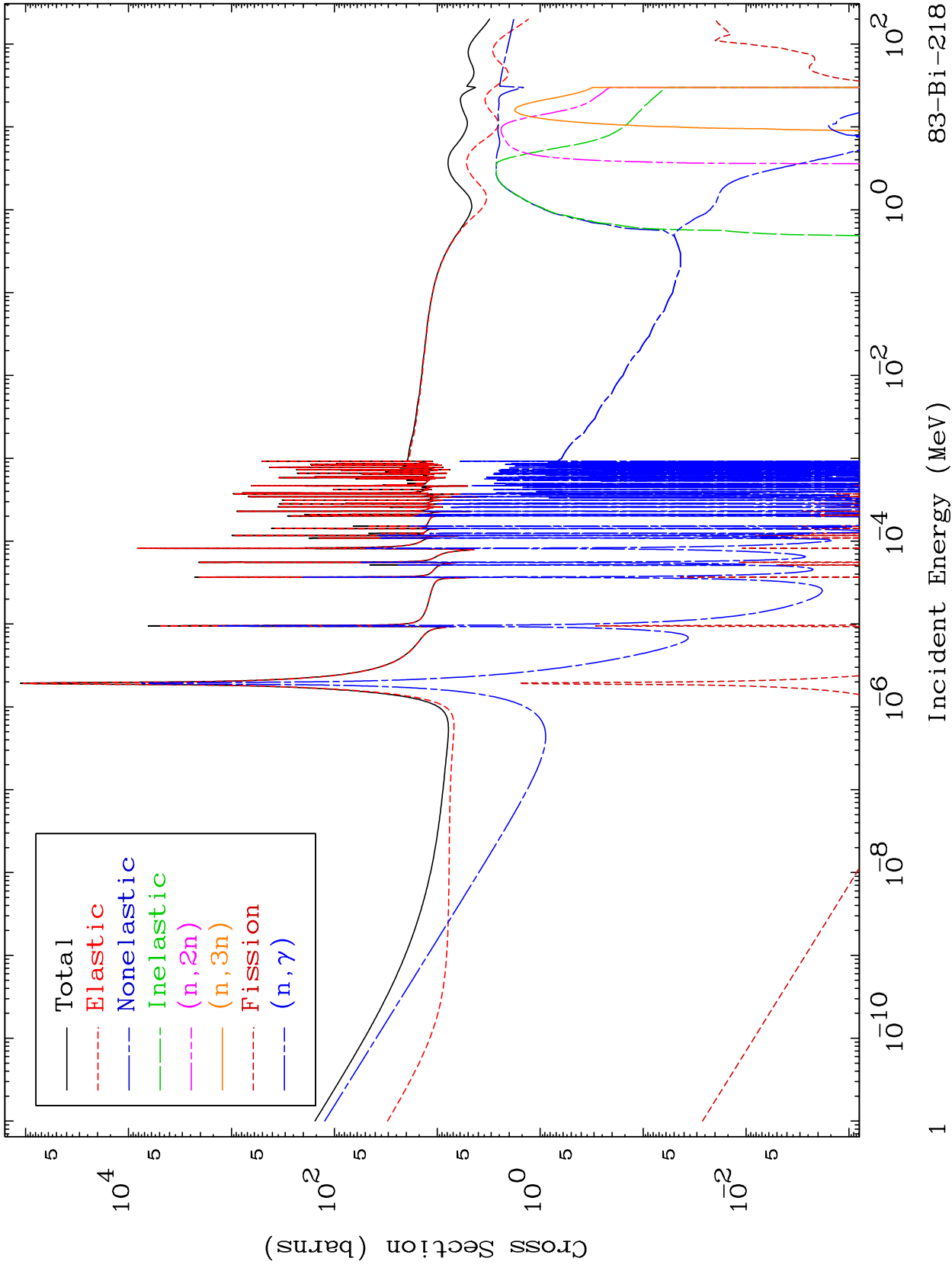
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8352

Neutron Major  
293 Kelvin Cross Sections

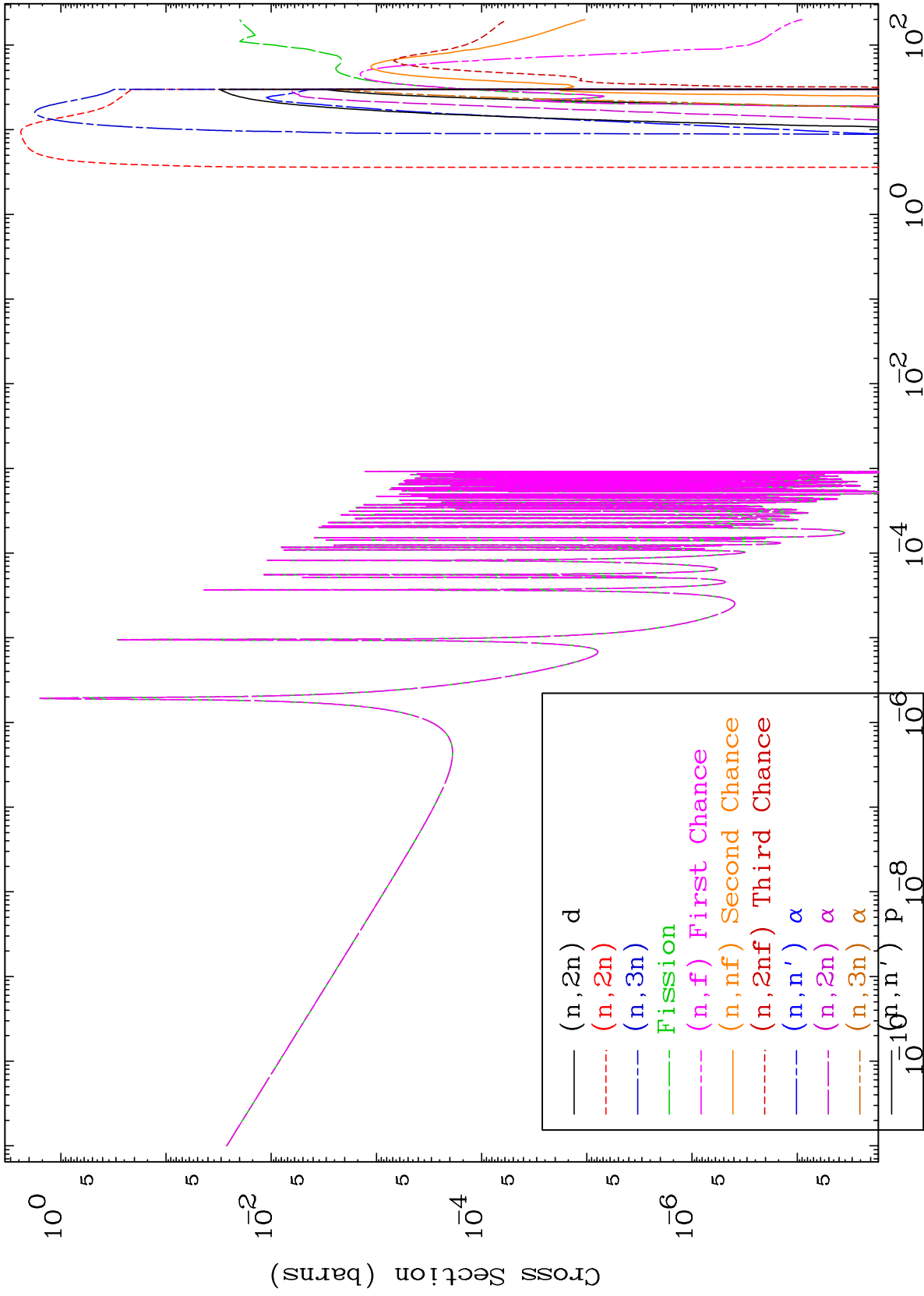
83-Bi-218

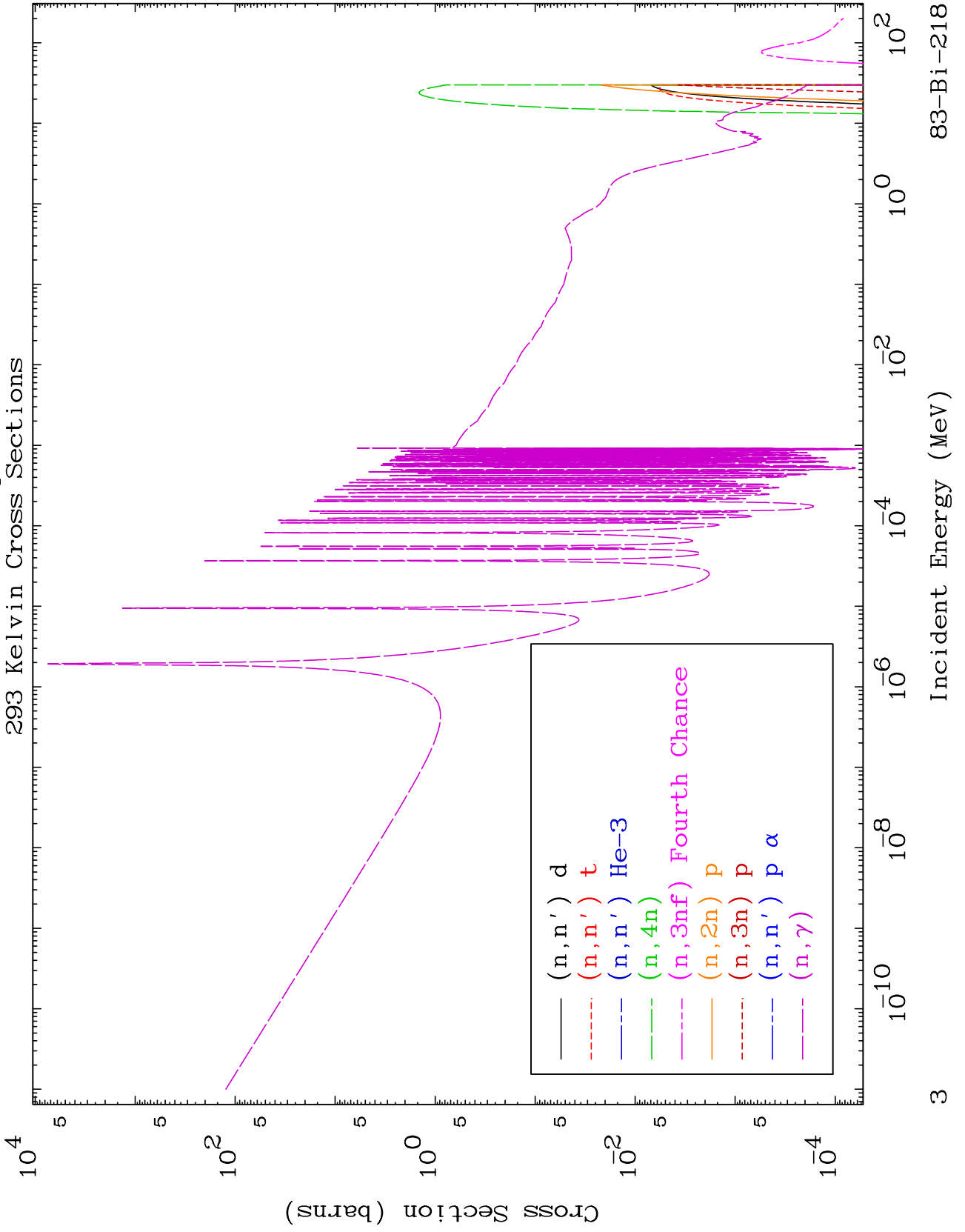


MAT 8352

Neutron Absorption  
293 Kelvin Cross Sections

83-Bi-218

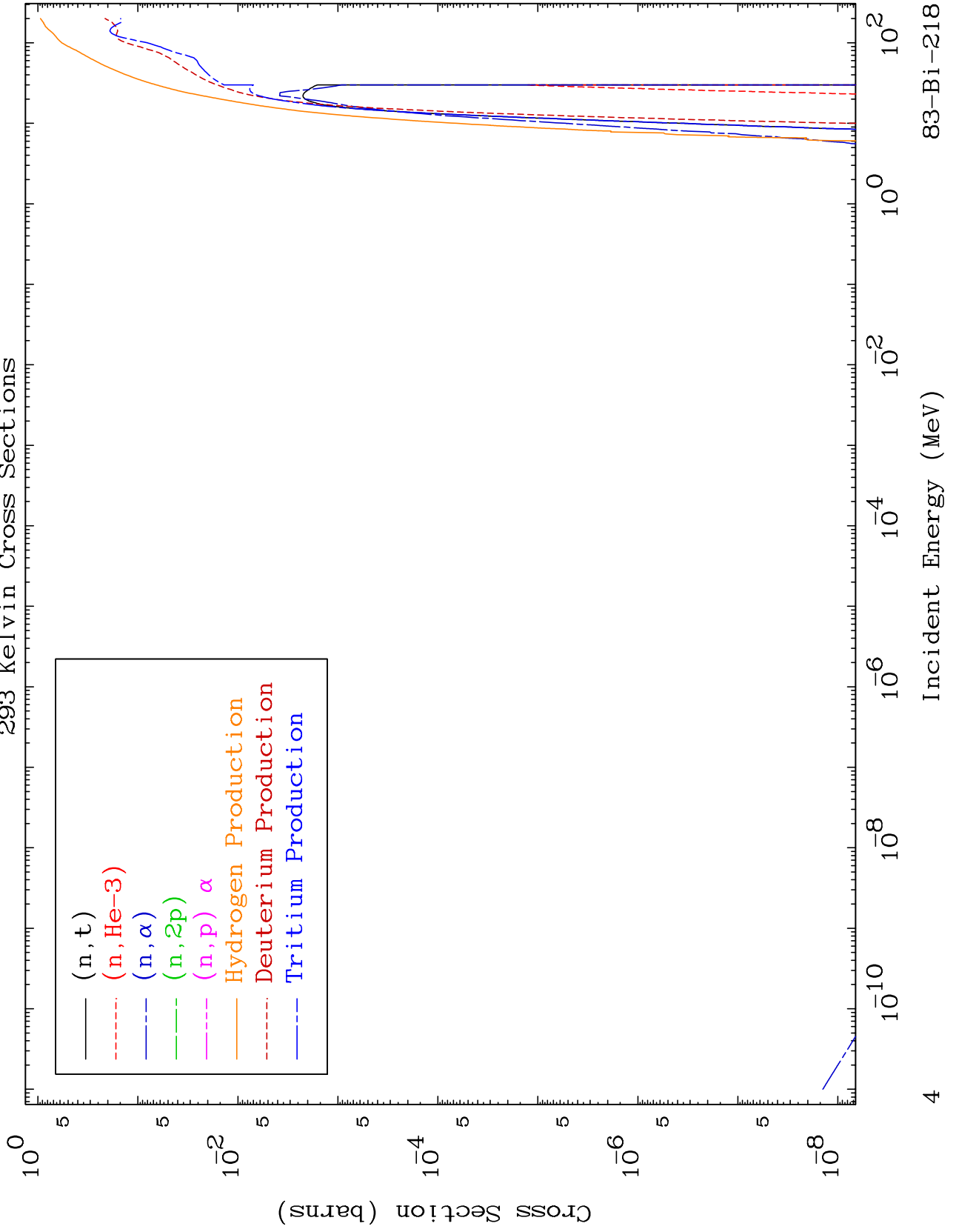


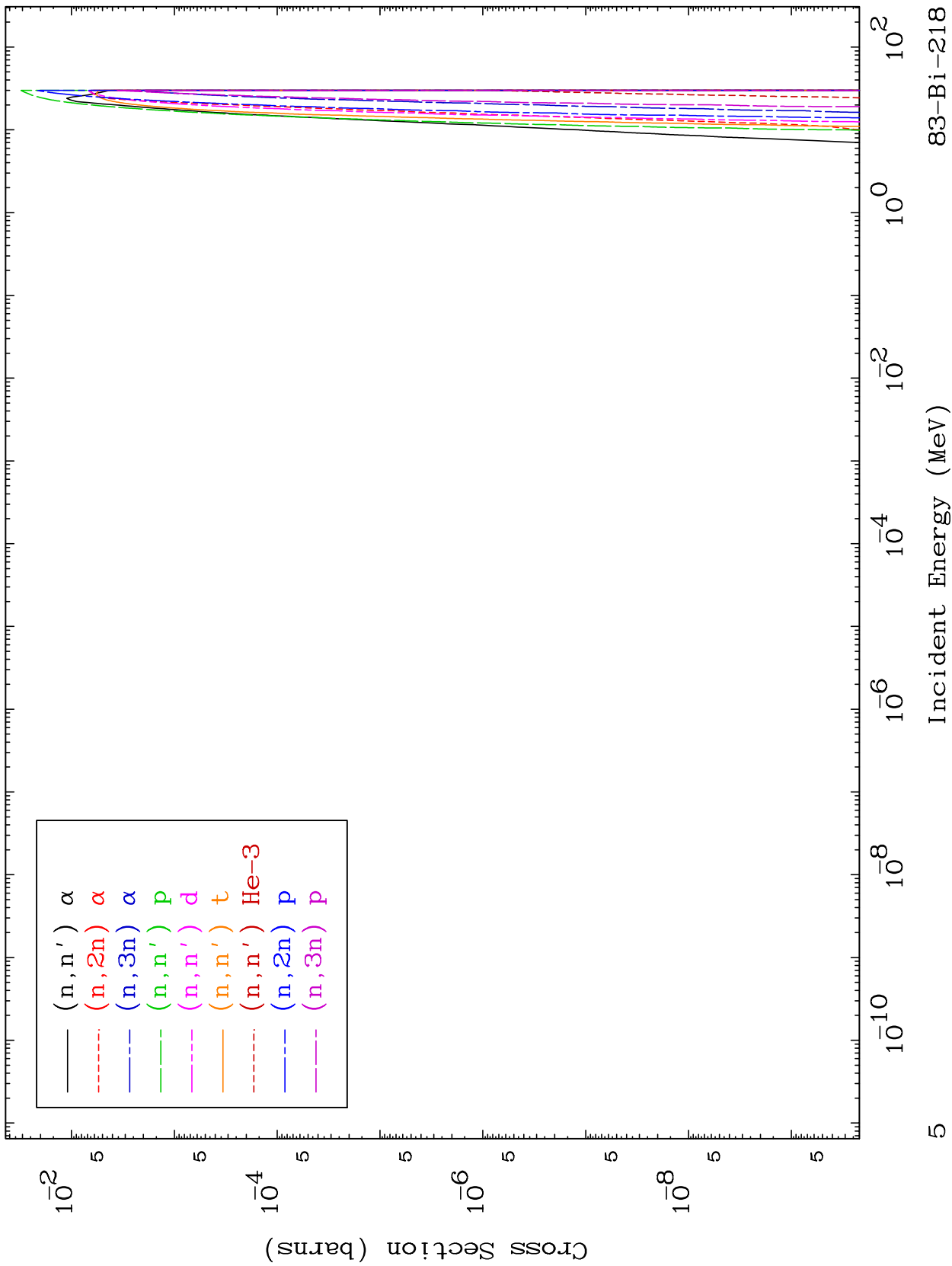


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Neutron Absorption  
293 Kelvin Cross Sections

83-Bi-218

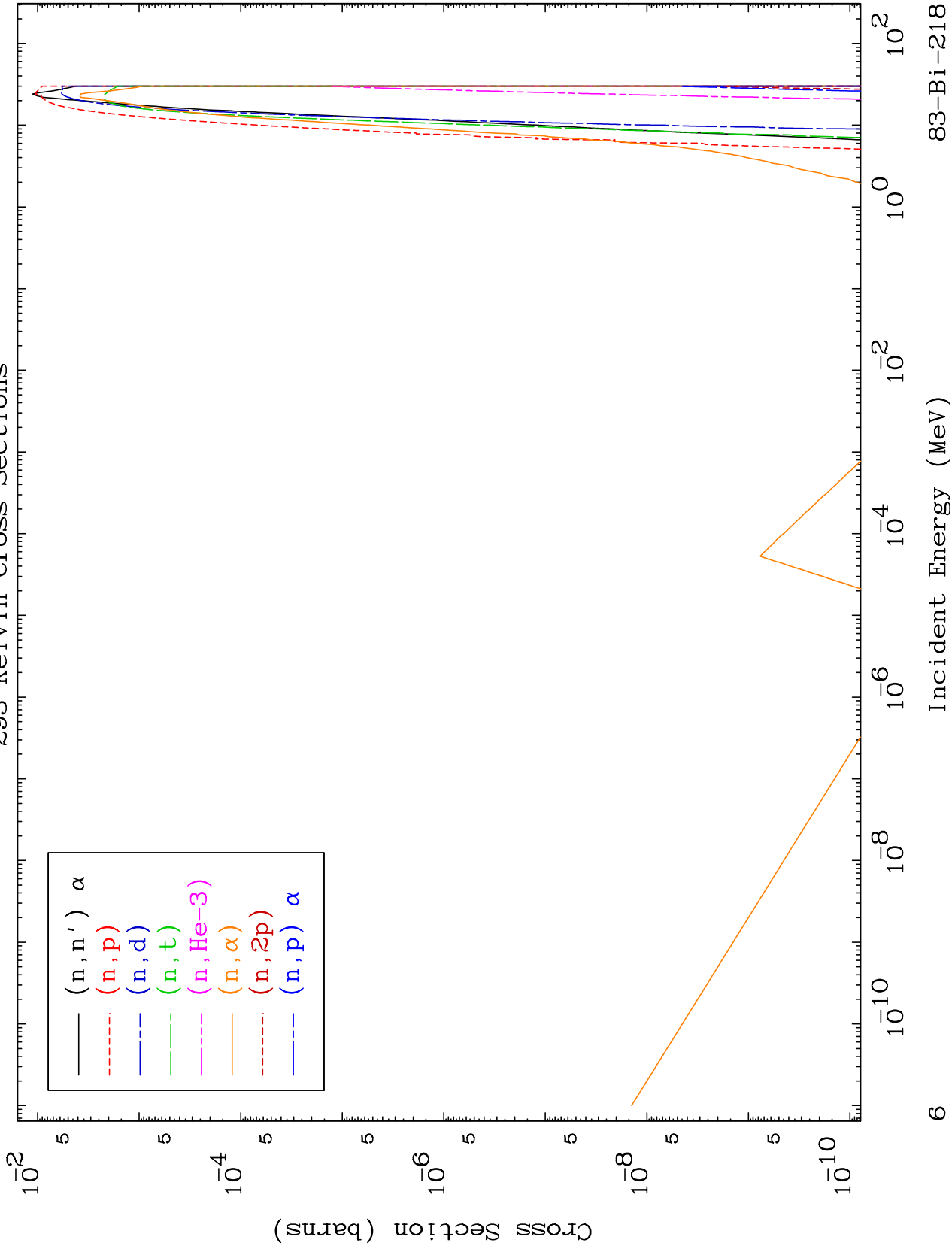




MAT 8352

Charged Particle  
293 Kelvin Cross Sections

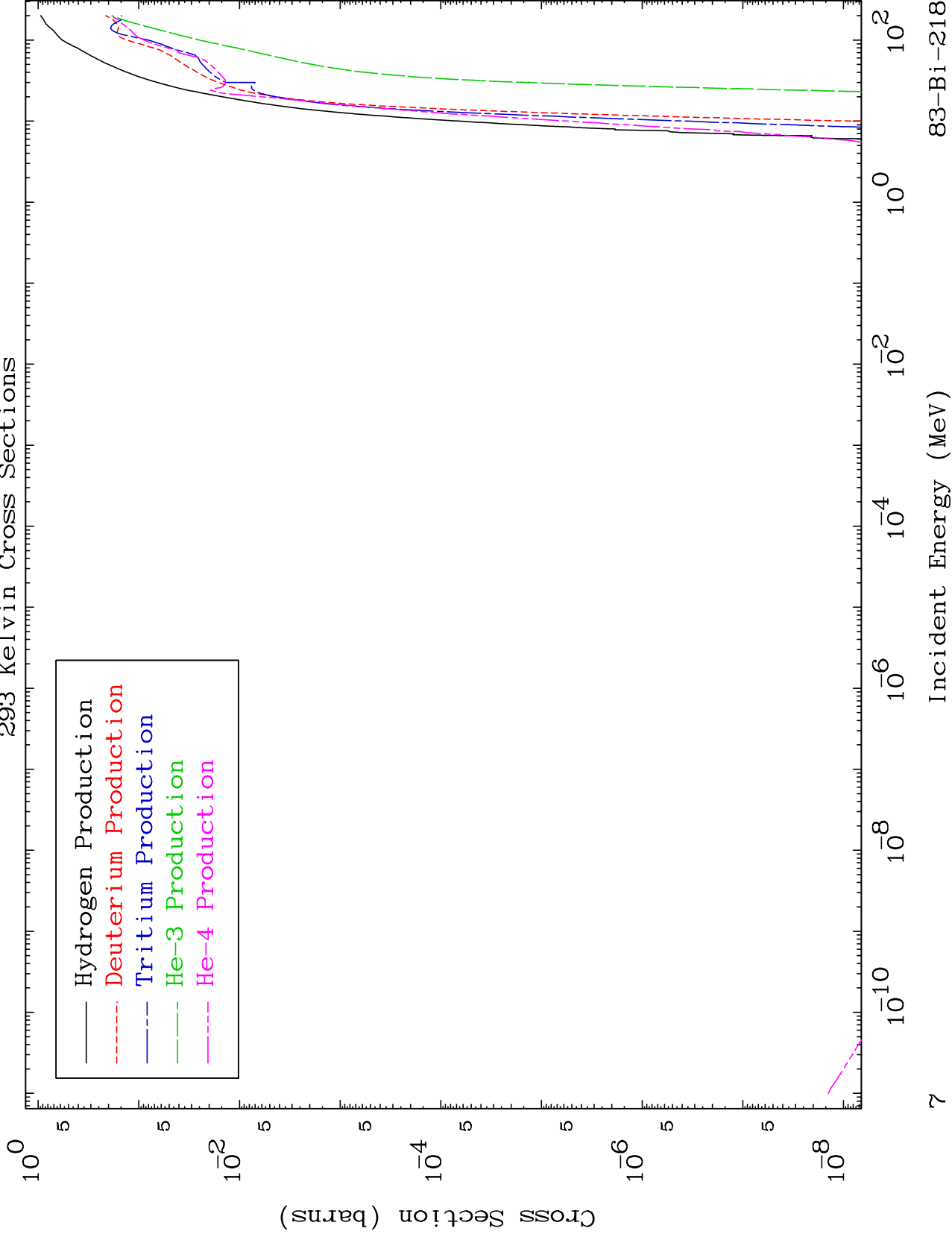
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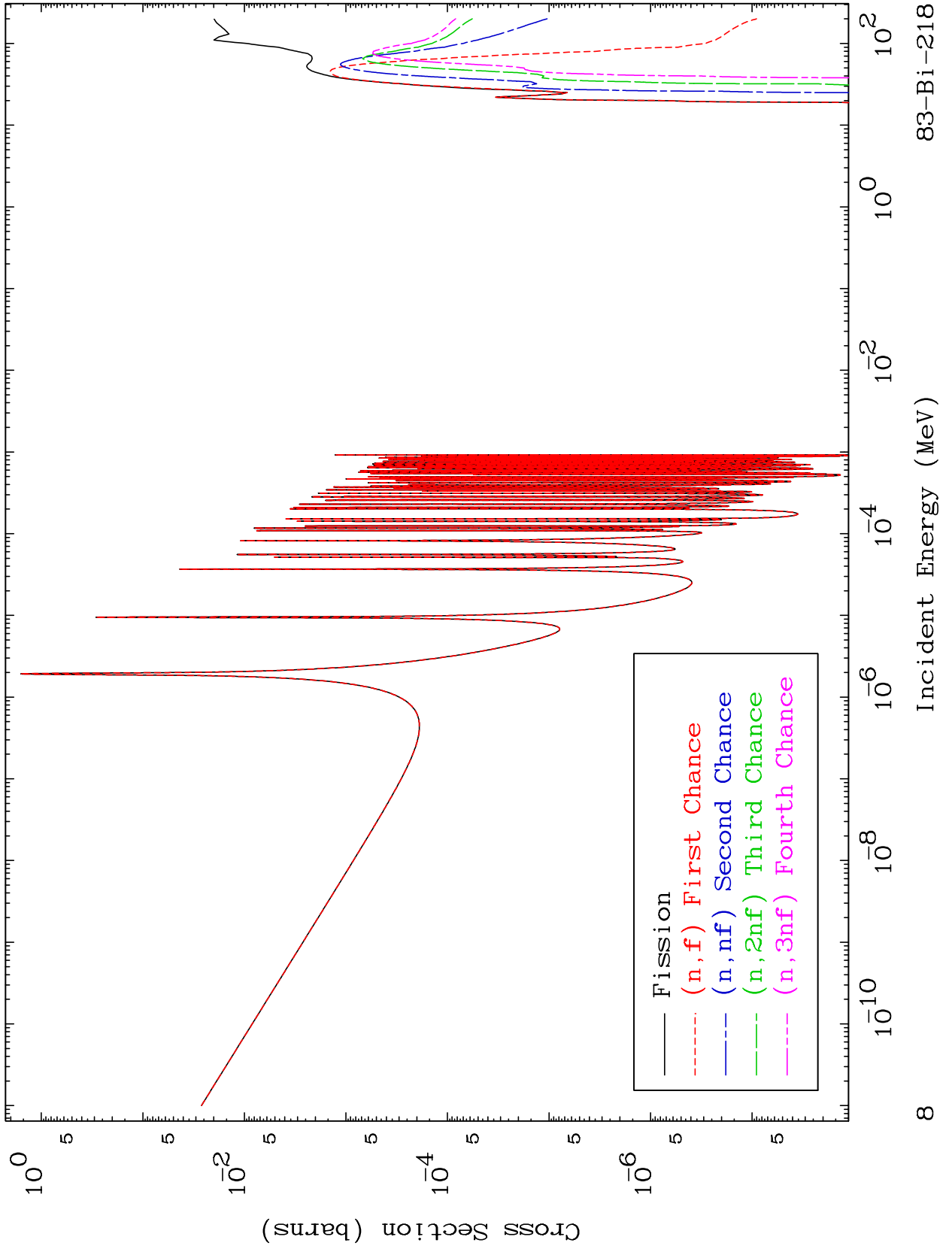
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Particle Production  
293 Kelvin Cross Sections

83-Bi-218





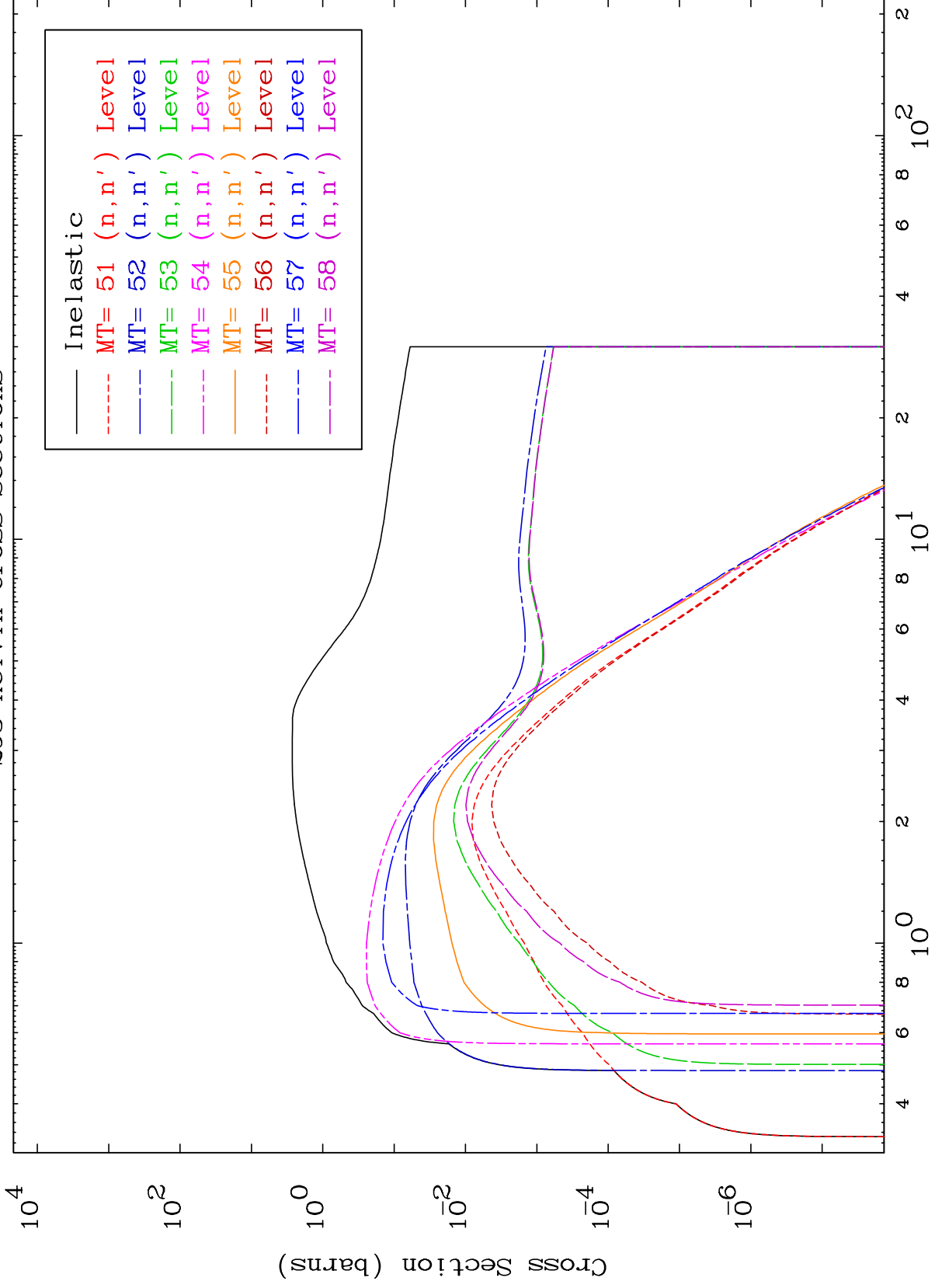


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(n,n') Levels

83-Bi-218

293 Kelvin Cross Sections



9

Incident Energy (MeV)

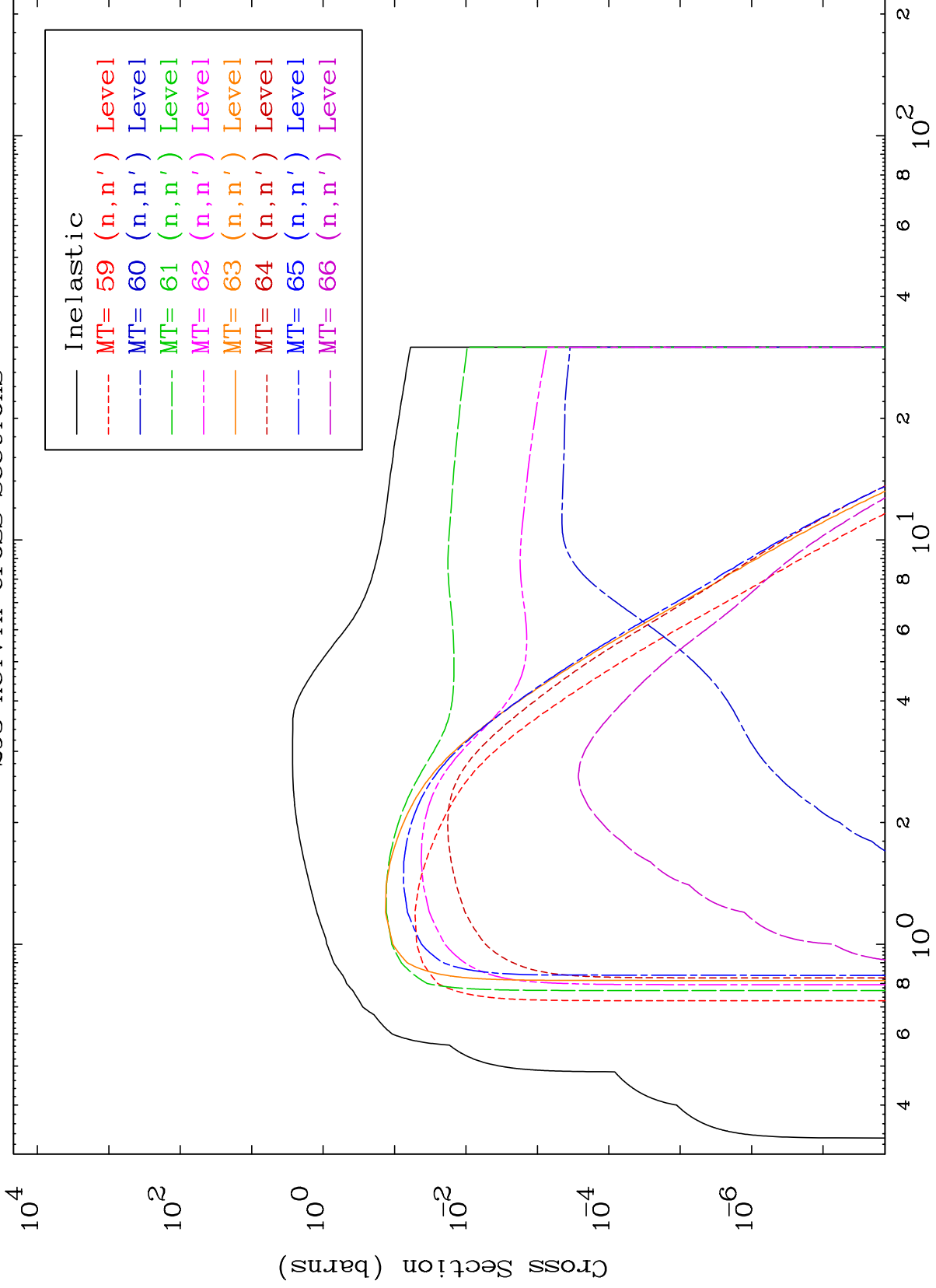
83-Bi-218

MAT 8352

(n,n') Levels

83-Bi-218

293 Kelvin Cross Sections

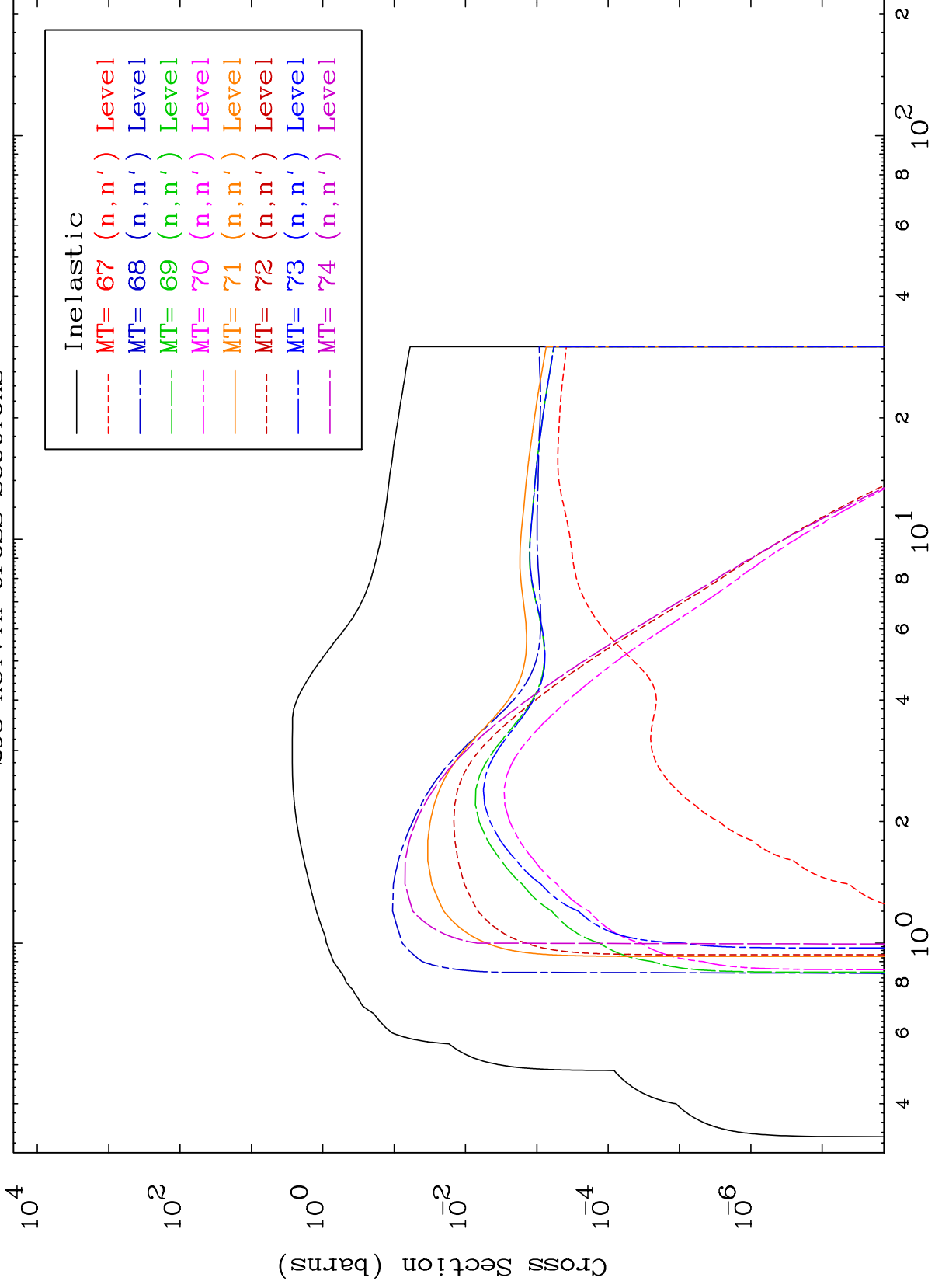


10

Incident Energy (MeV)

83-Bi-218

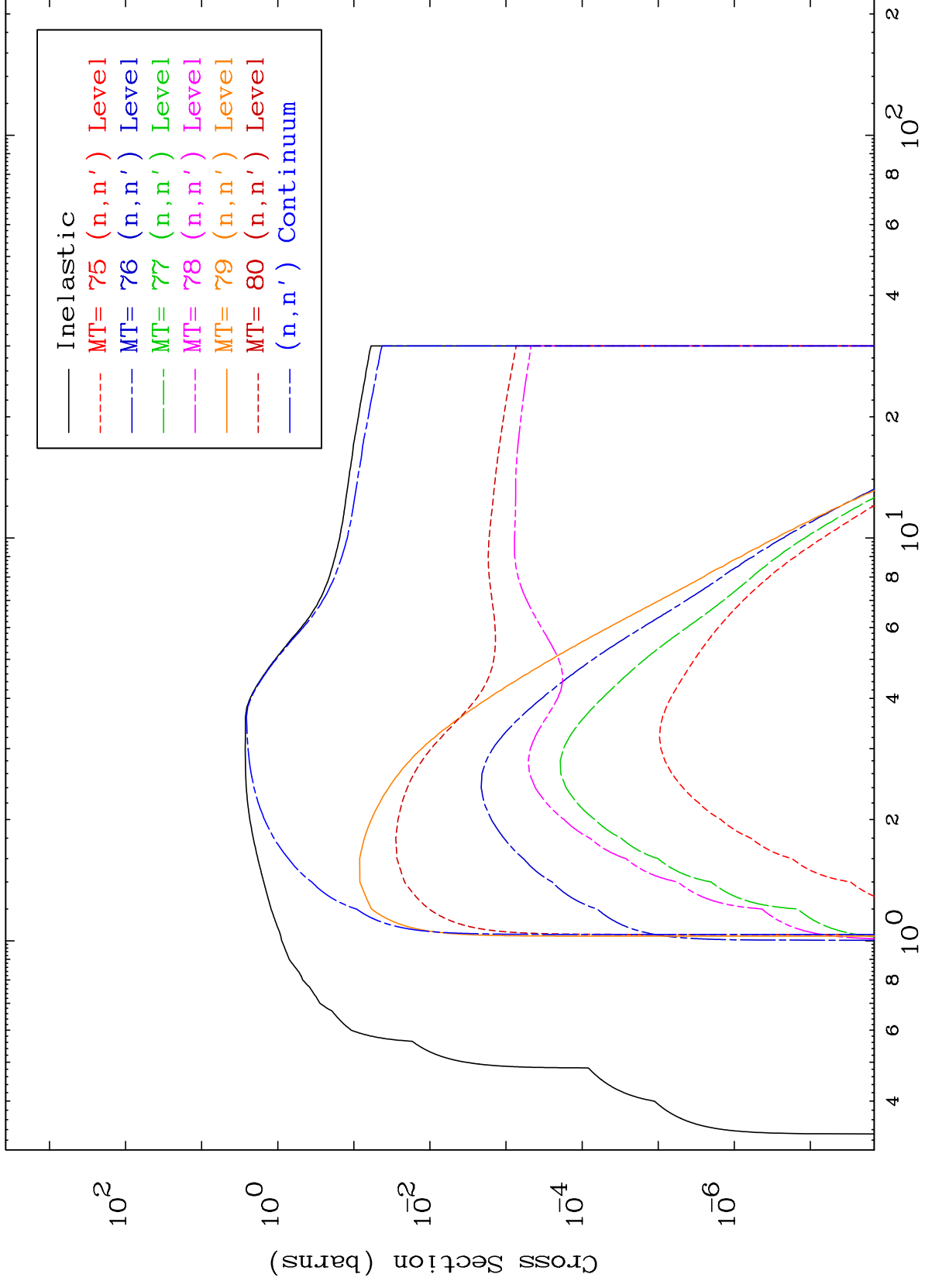
293 Kelvin Cross Sections



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(n,n') Levels  
293 Kelvin Cross Sections

83-Bi-218



12

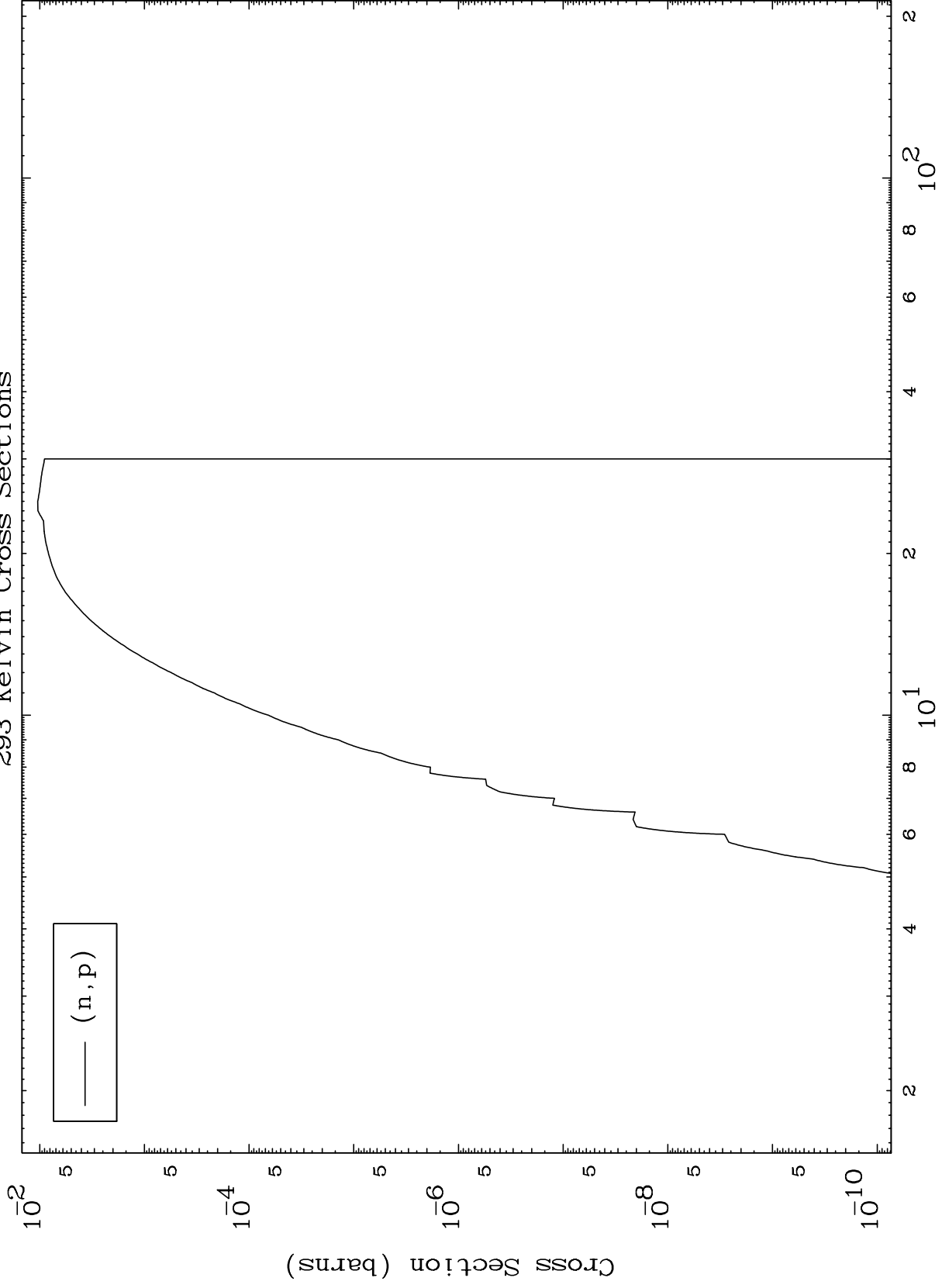
Incident Energy (MeV)

83-Bi-218

MAT 8352

(n,p) Levels  
293 Kelvin Cross Sections

83-Bi-218



13

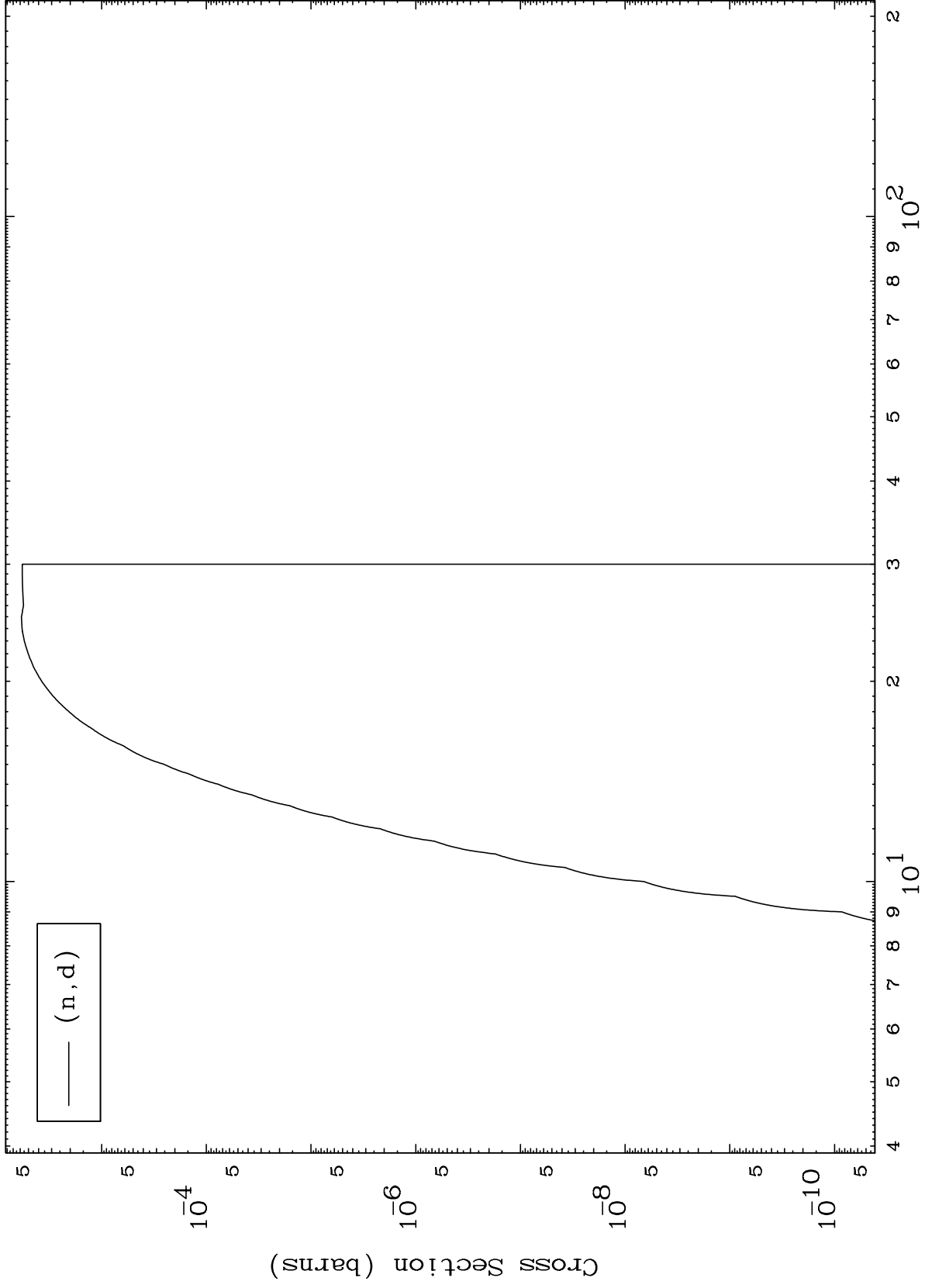
Incident Energy (MeV)

83-Bi-218

MAT 8352

(n,d) Levels  
293 Kelvin Cross Sections

83-Bi-218



14

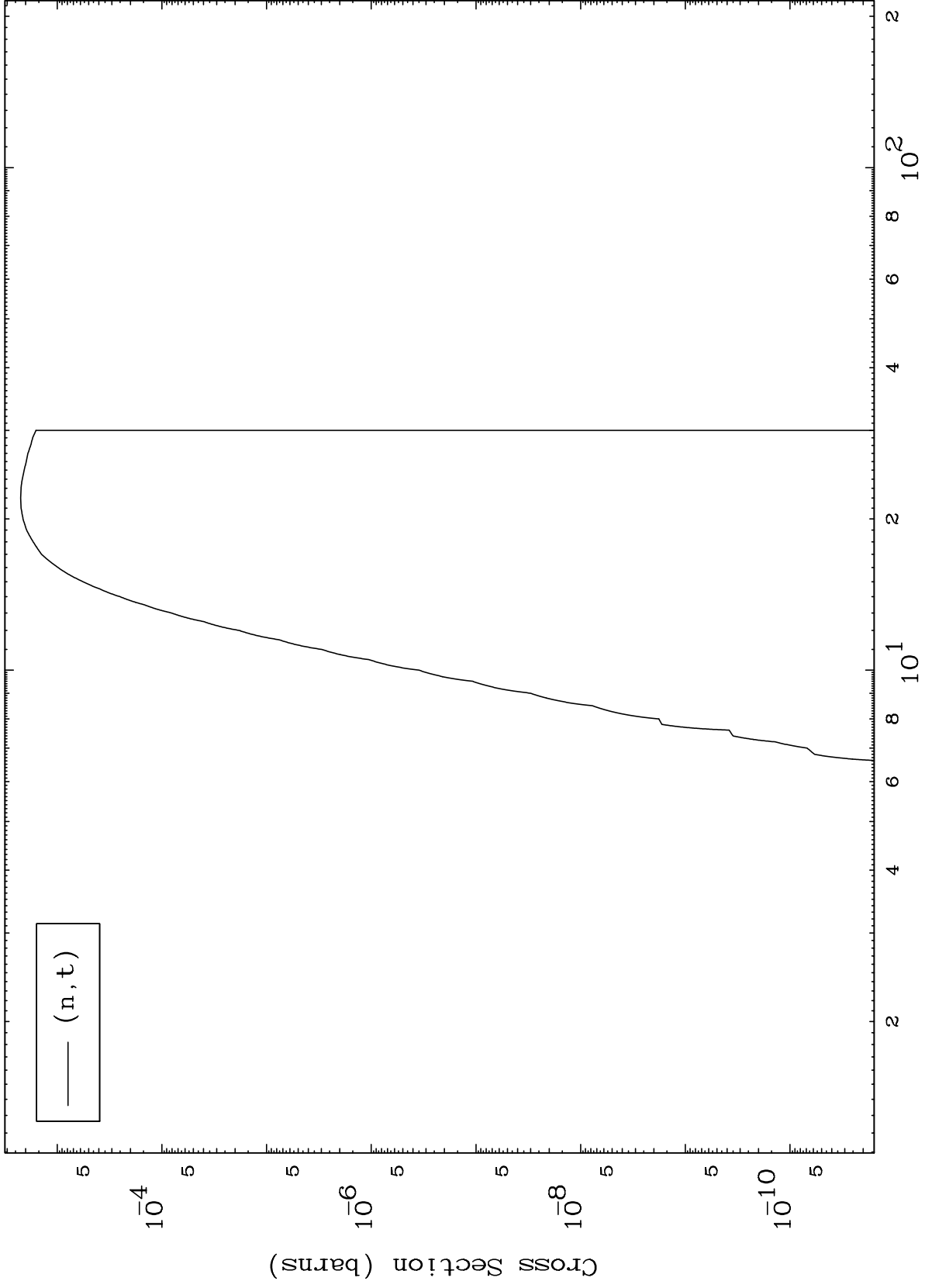
Incident Energy (MeV)

83-Bi-218

MAT 8352

(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-218



15

Incident Energy (MeV)

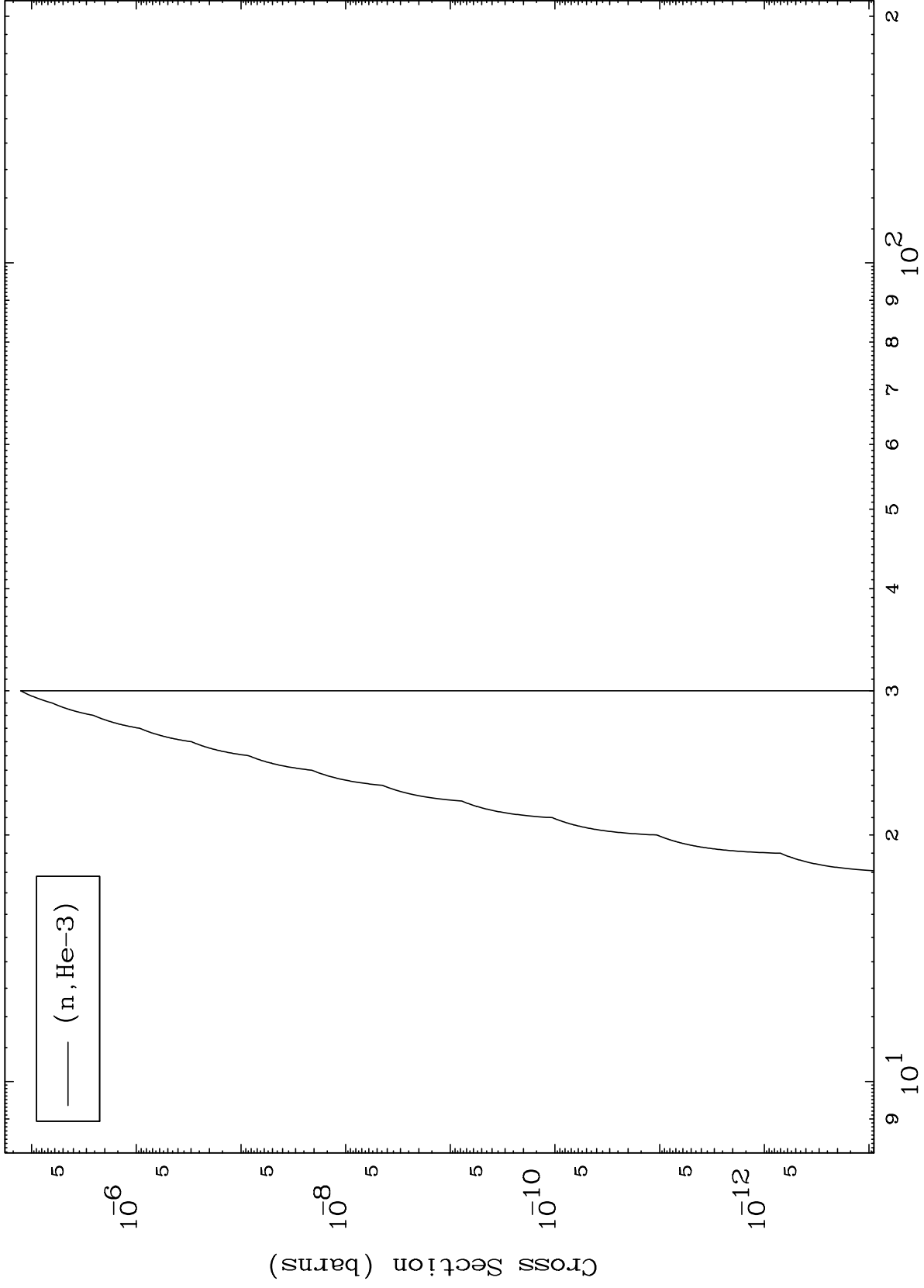
83-Bi-218



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(n,He3) Levels  
293 Kelvin Cross Sections

83-Bi-218



16

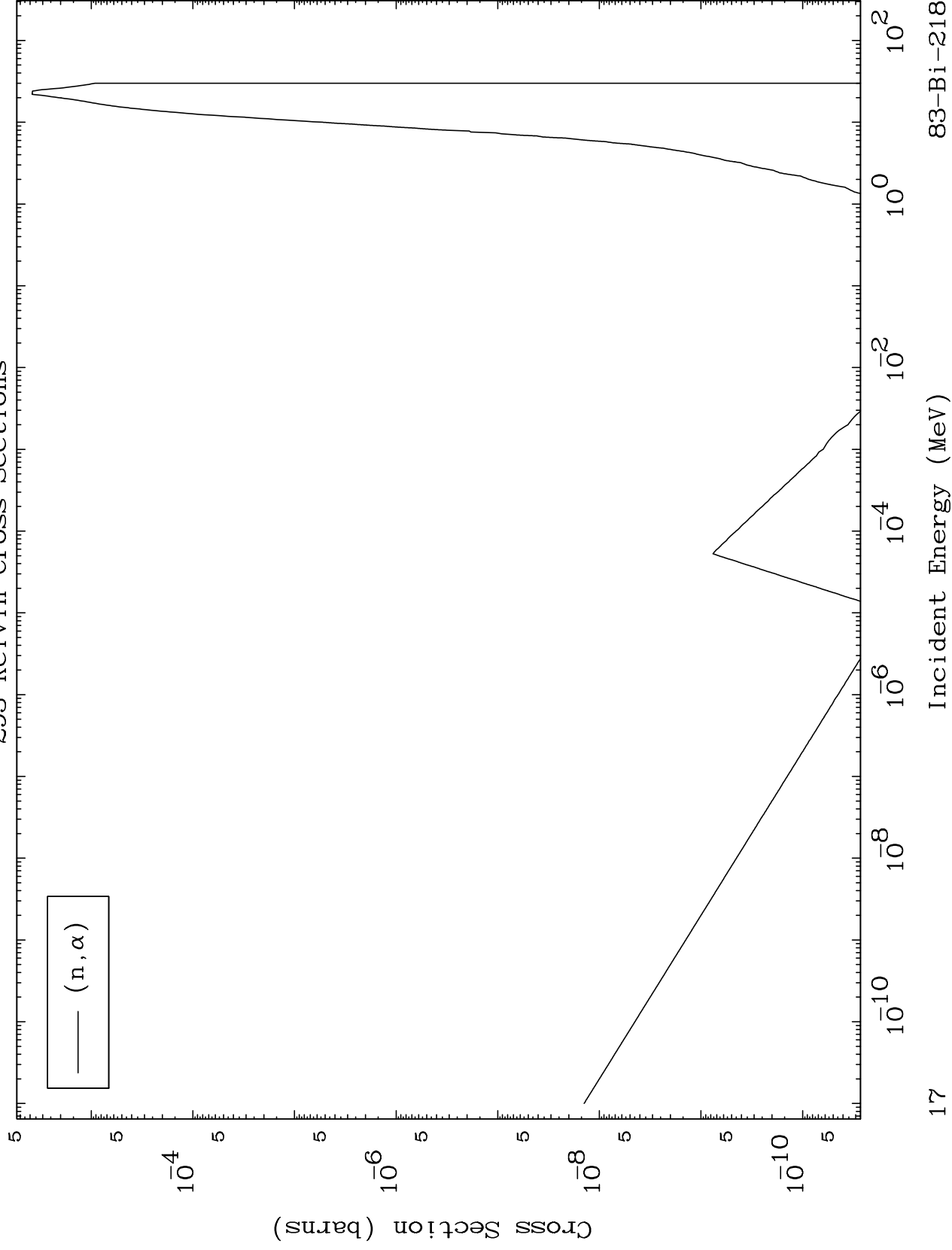
Incident Energy (MeV)

83-Bi-218

MAT 8352

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

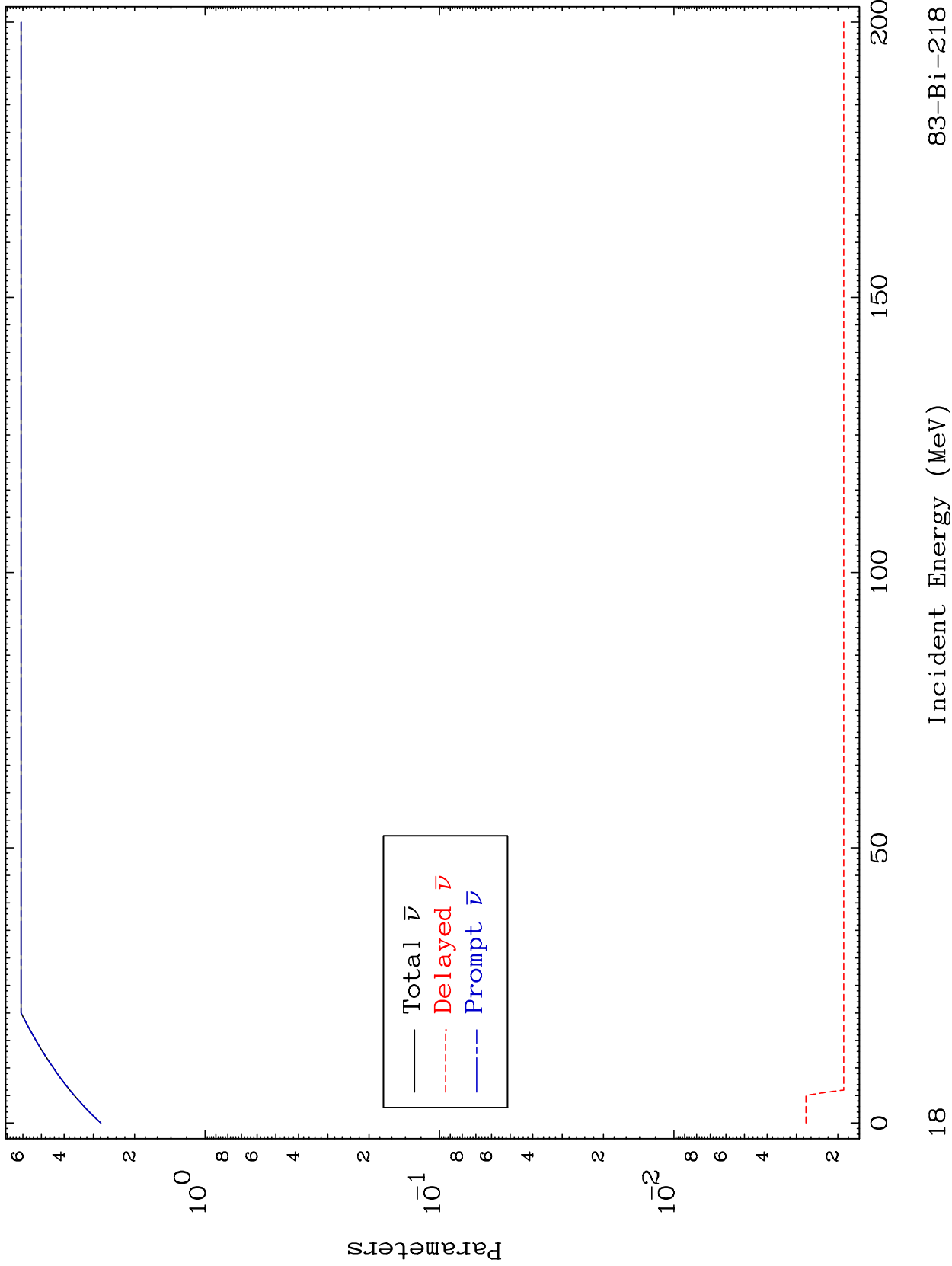
83-Bi-218



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Energy Release  
Parameters

83-Bi-218



18

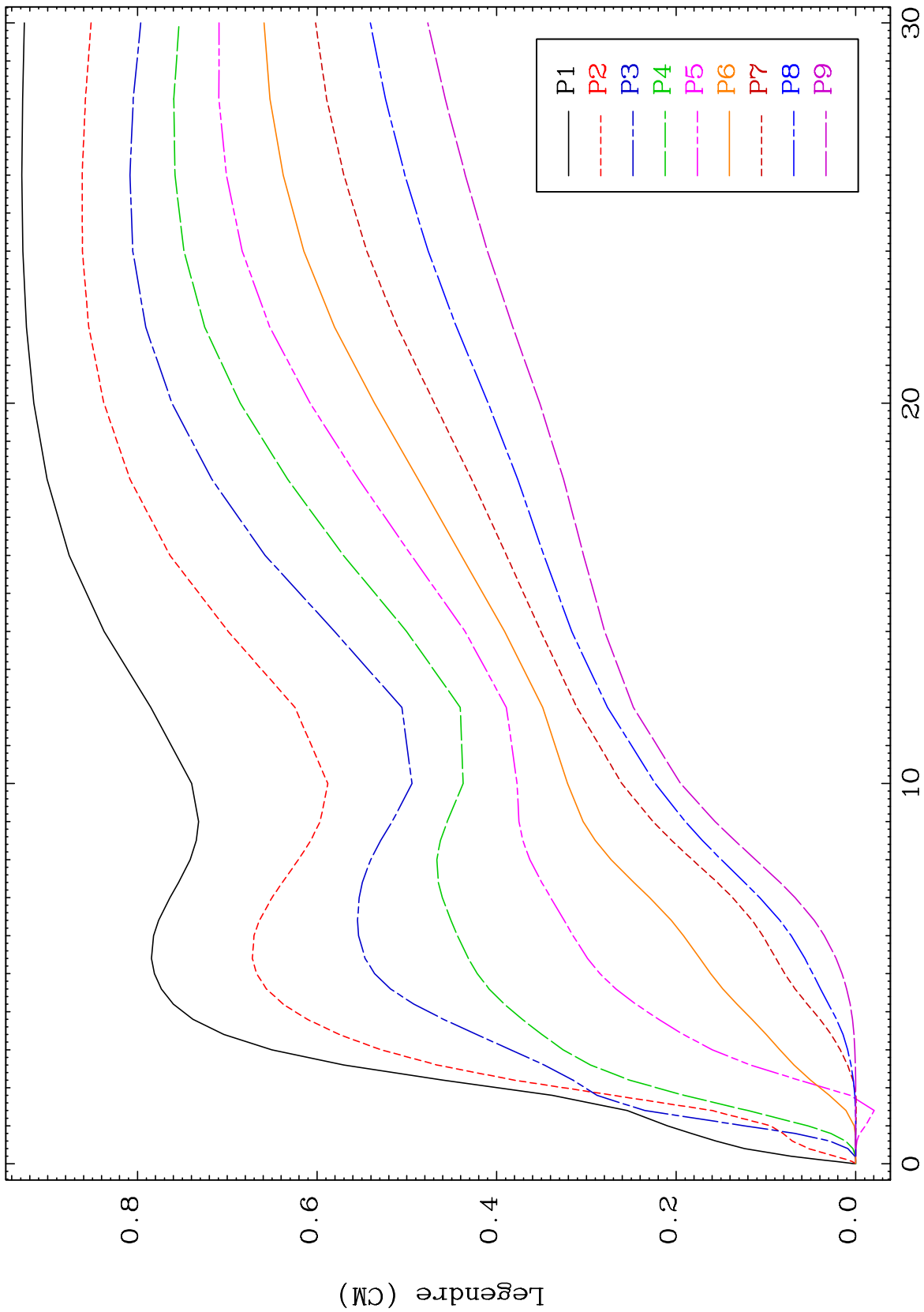
Incident Energy (MeV)

83-Bi-218

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83-Bi-218

Elastic Legendre Coefficients



19

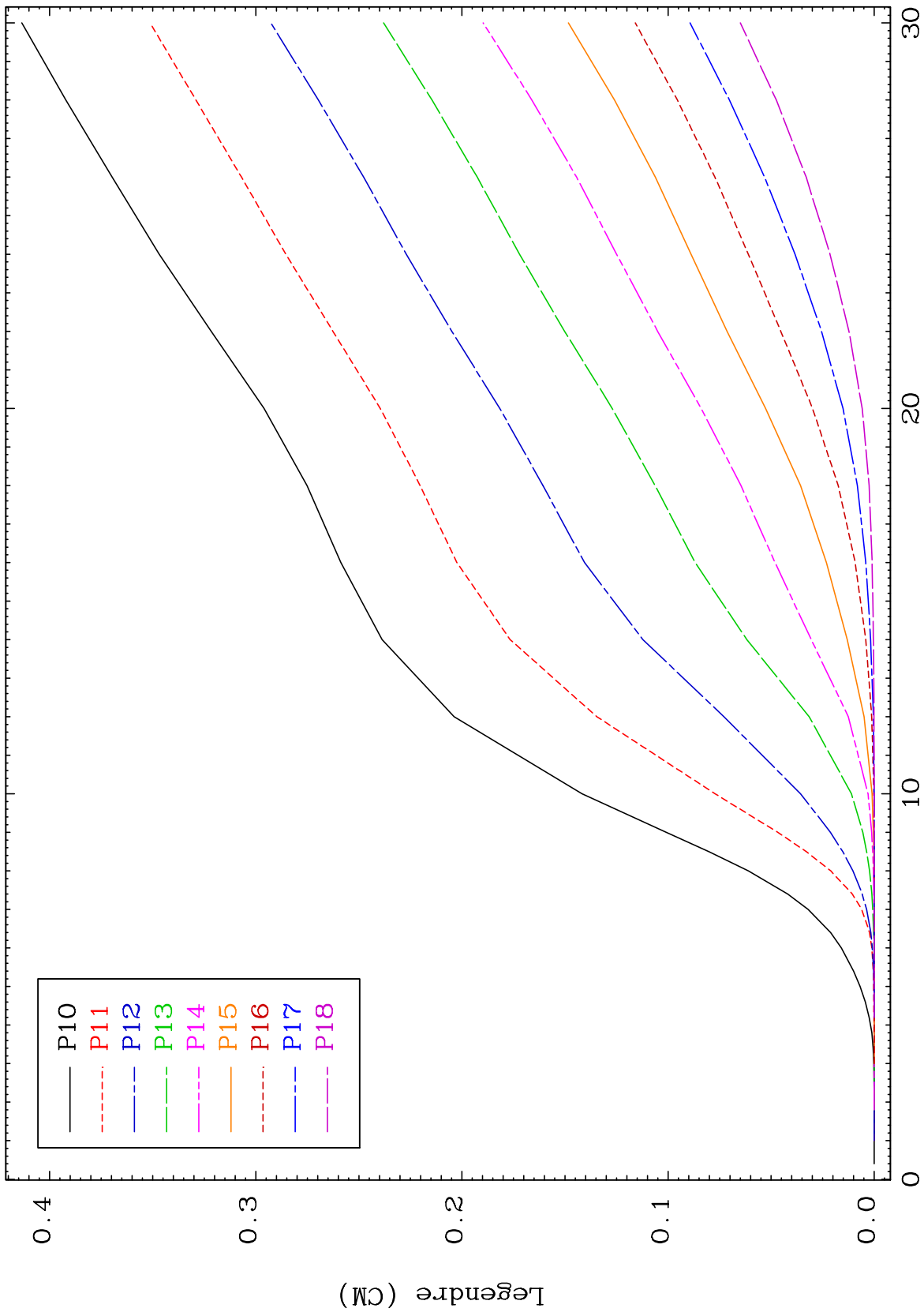
Incident Energy (MeV)

83-Bi-218

MAT 8352

Elastic Legendre Coefficients

83-Bi-218



20

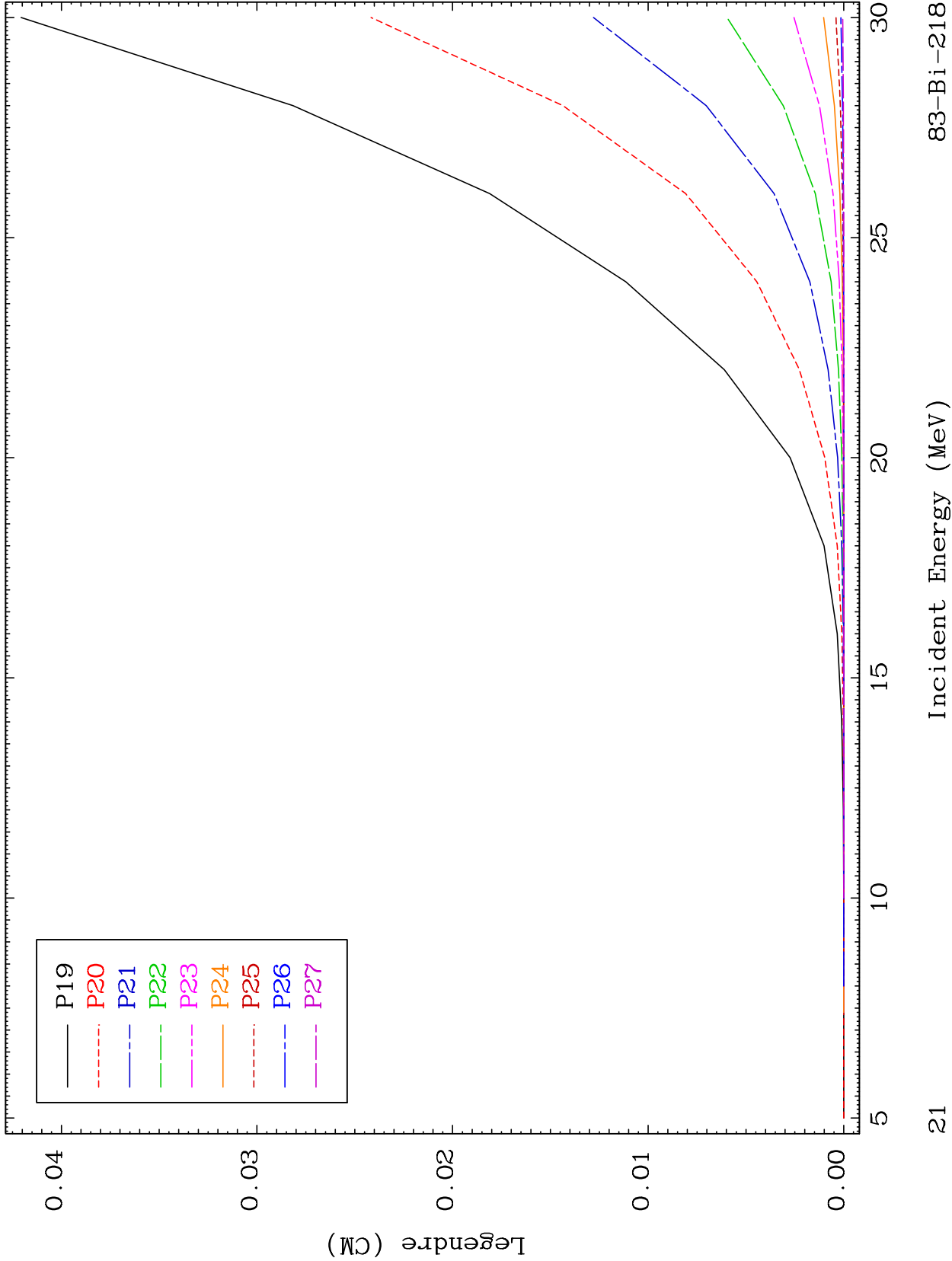
Incident Energy (MeV)

83-Bi-218

MAT 8352

Elastic Legendre Coefficients

83-Bi-218



21

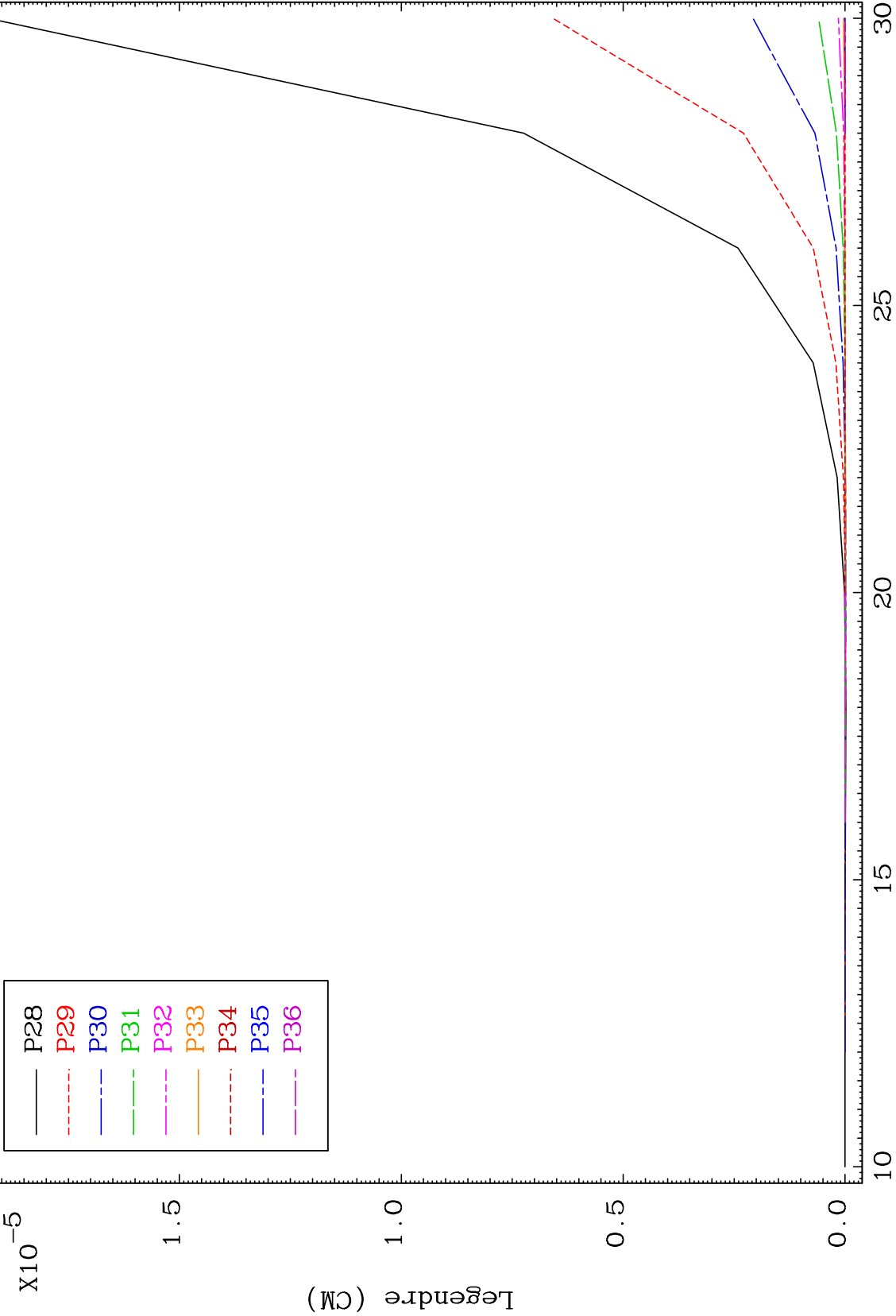
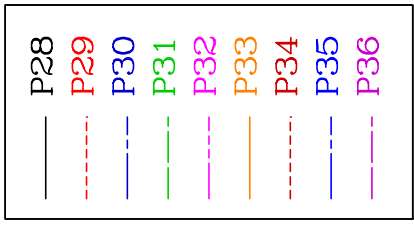
Incident Energy (MeV)

83-Bi-218

MAT 8352

Elastic Legendre Coefficients

83-Bi-218



22

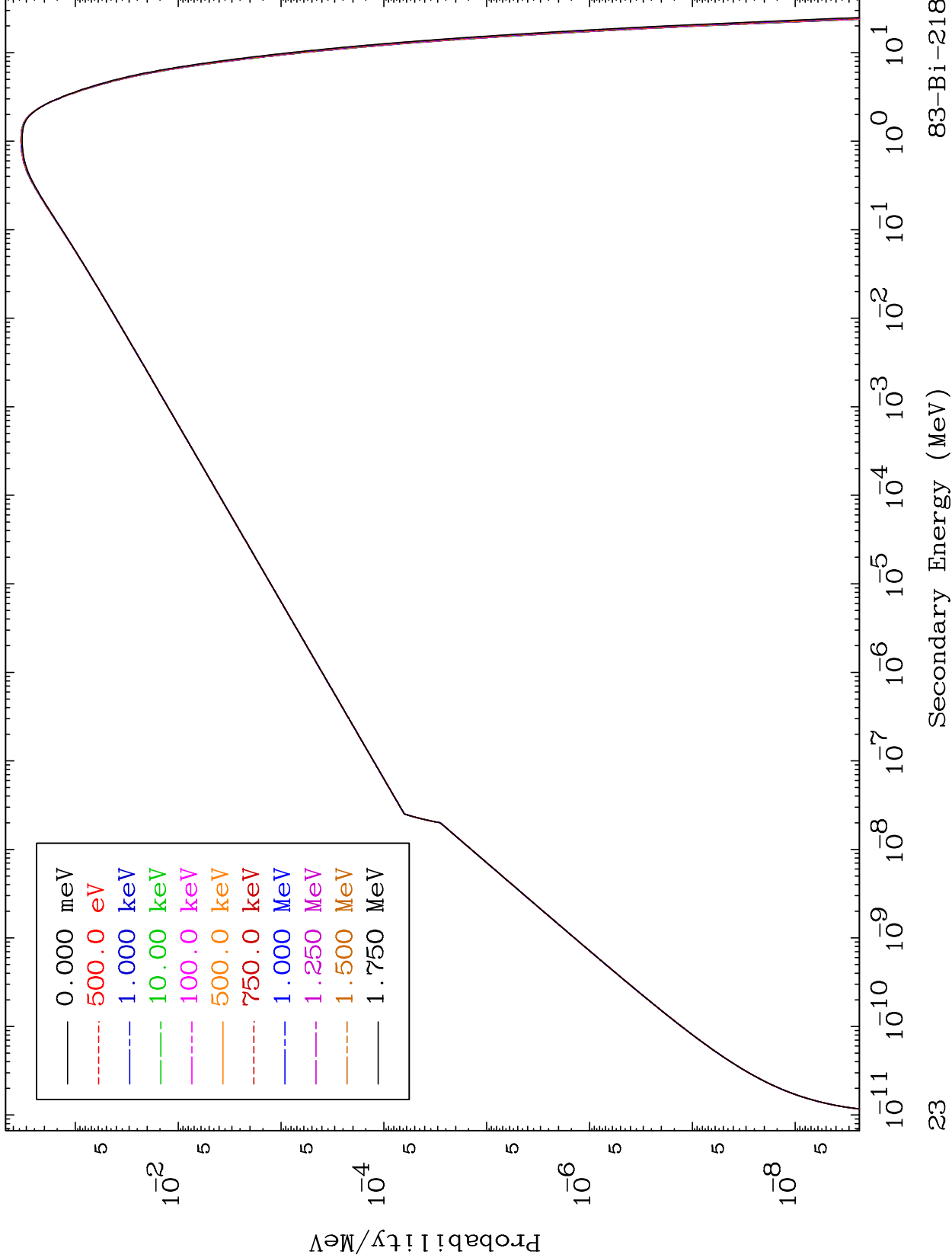
Incident Energy (MeV)

83-Bi-218

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### Fission Energy Distributions

83-Bi-218



83-Bi-218

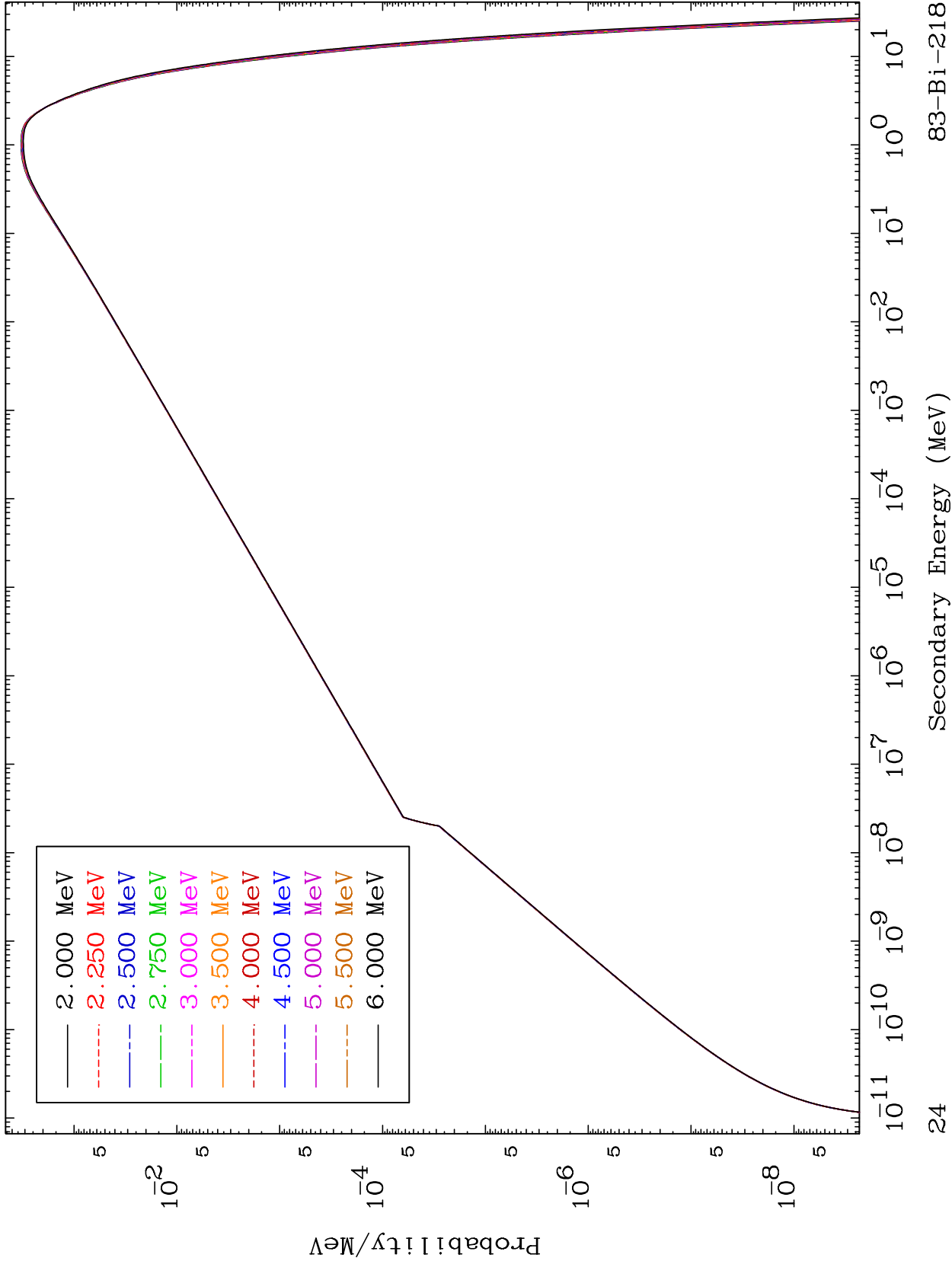
Secondary Energy (MeV)



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### Fission Energy Distributions

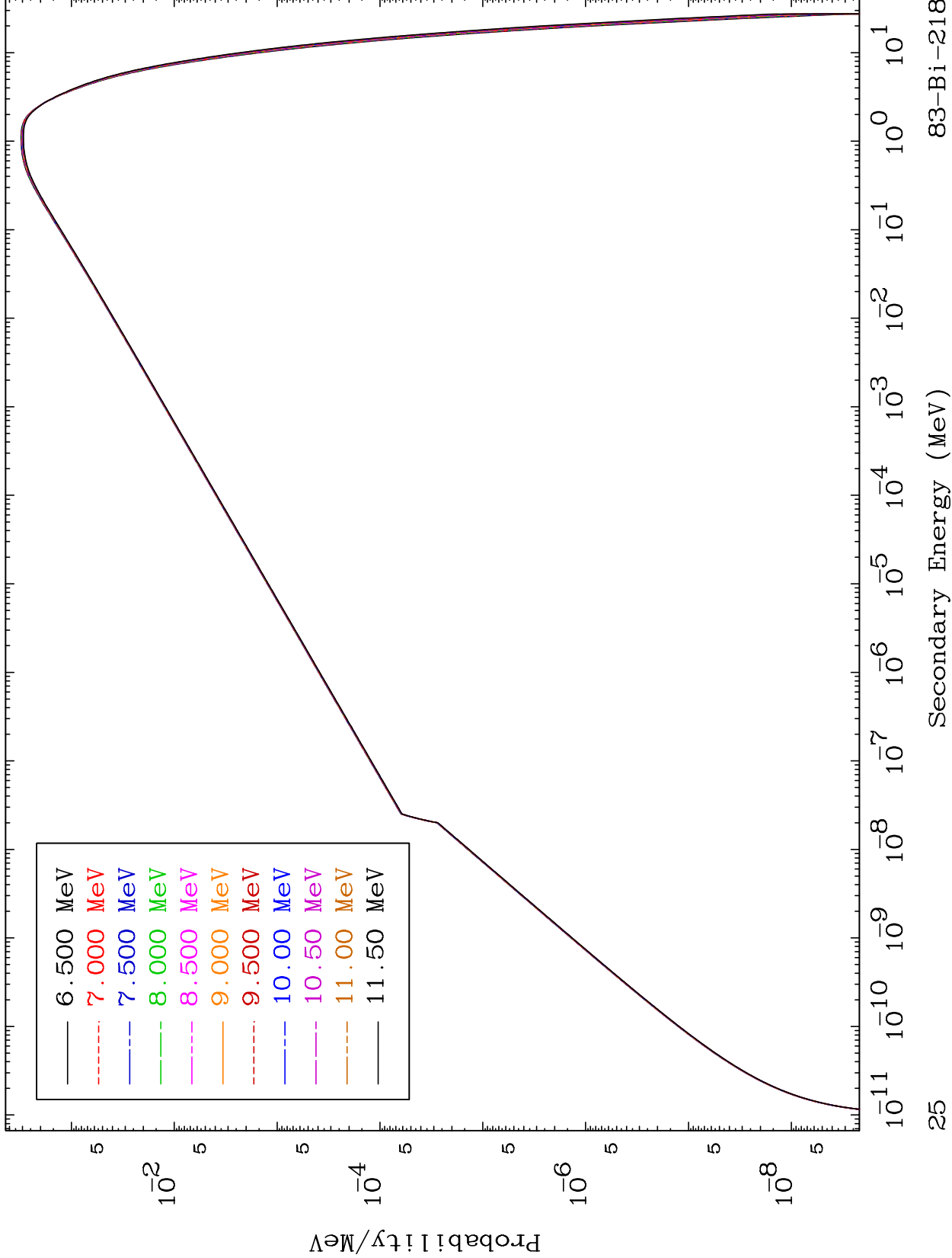
83-Bi-218



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### Fission Energy Distributions

83-Bi-218

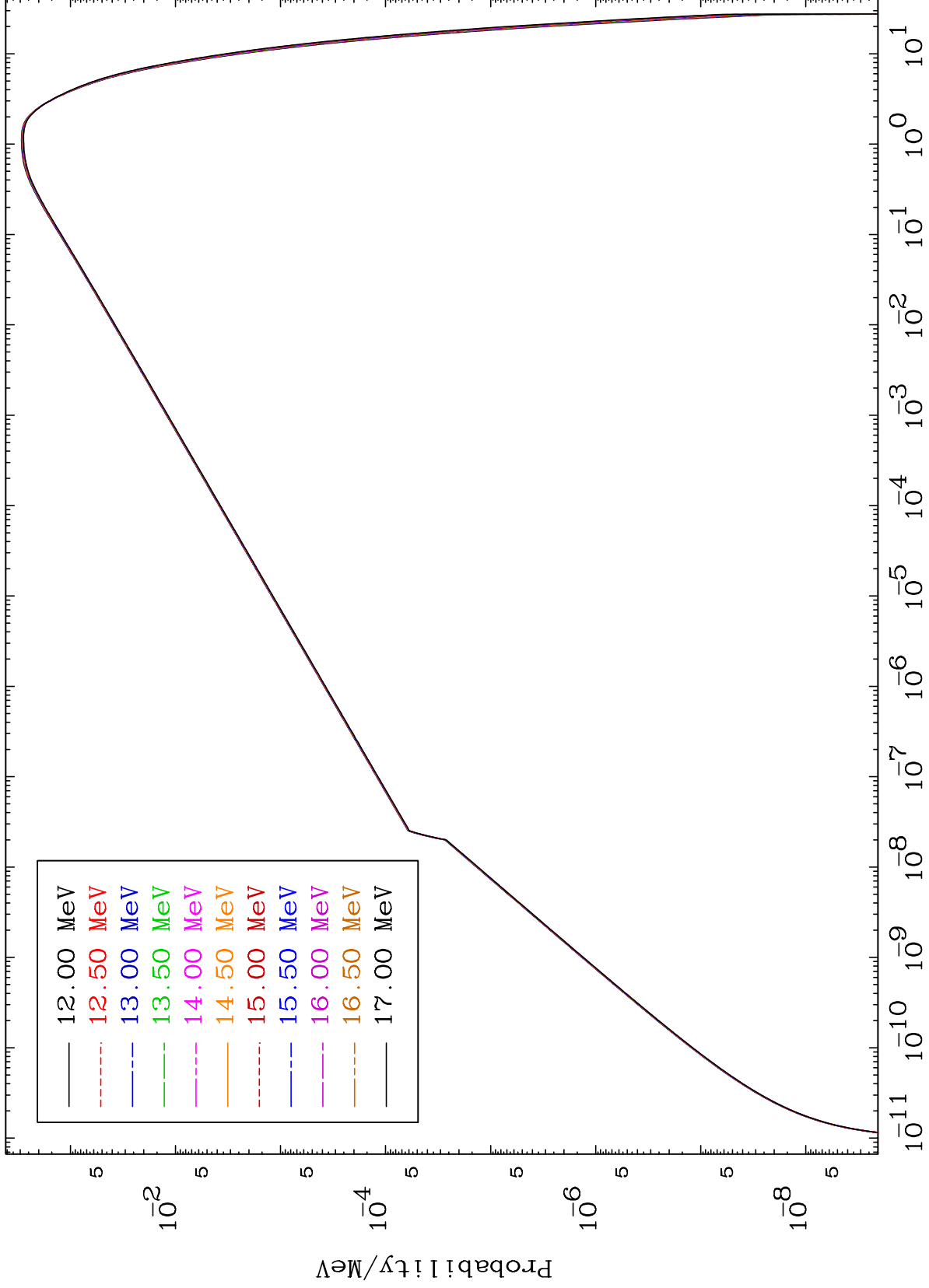


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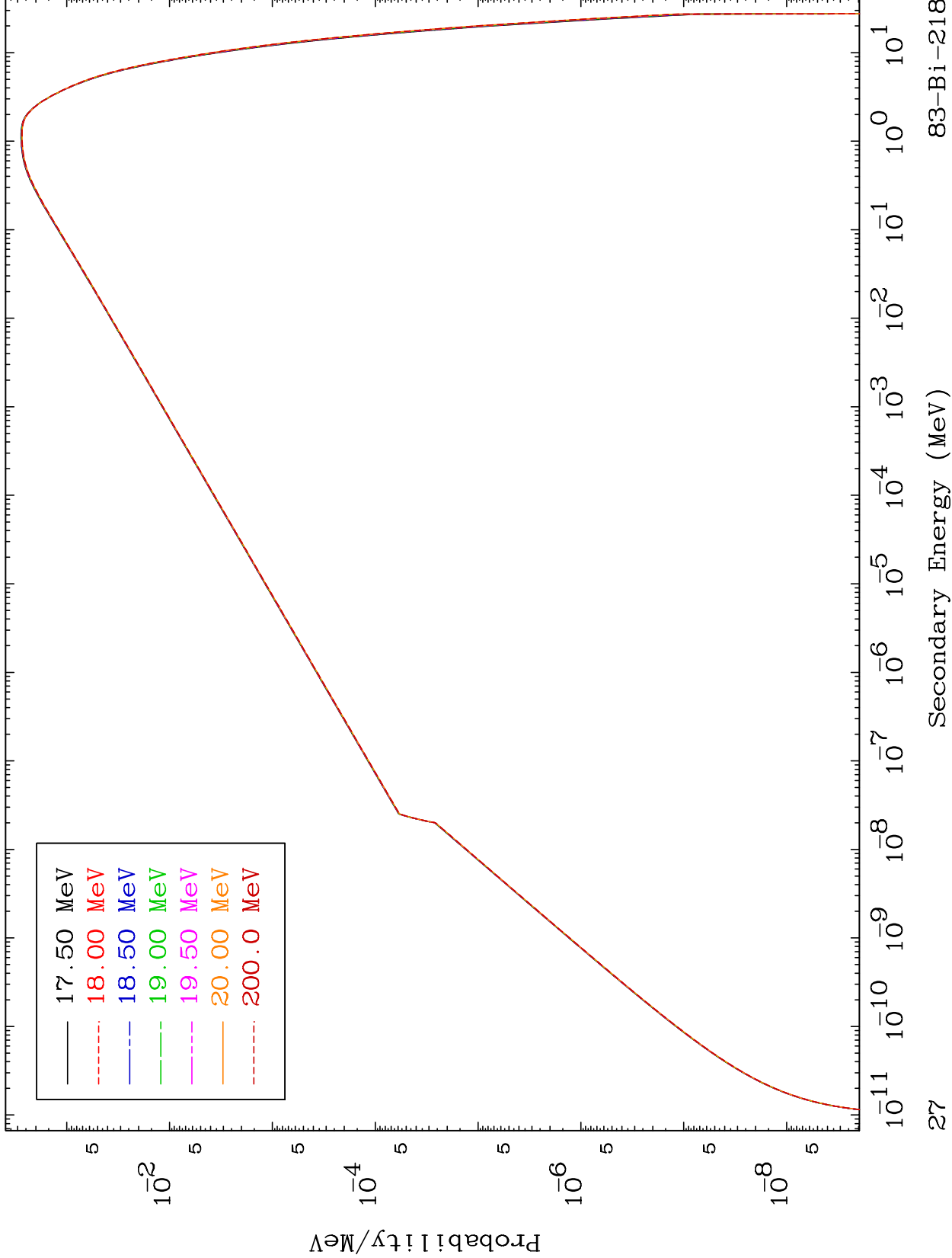
Secondary Energy (MeV)

25

Fission Energy Distributions



Fission Energy Distributions

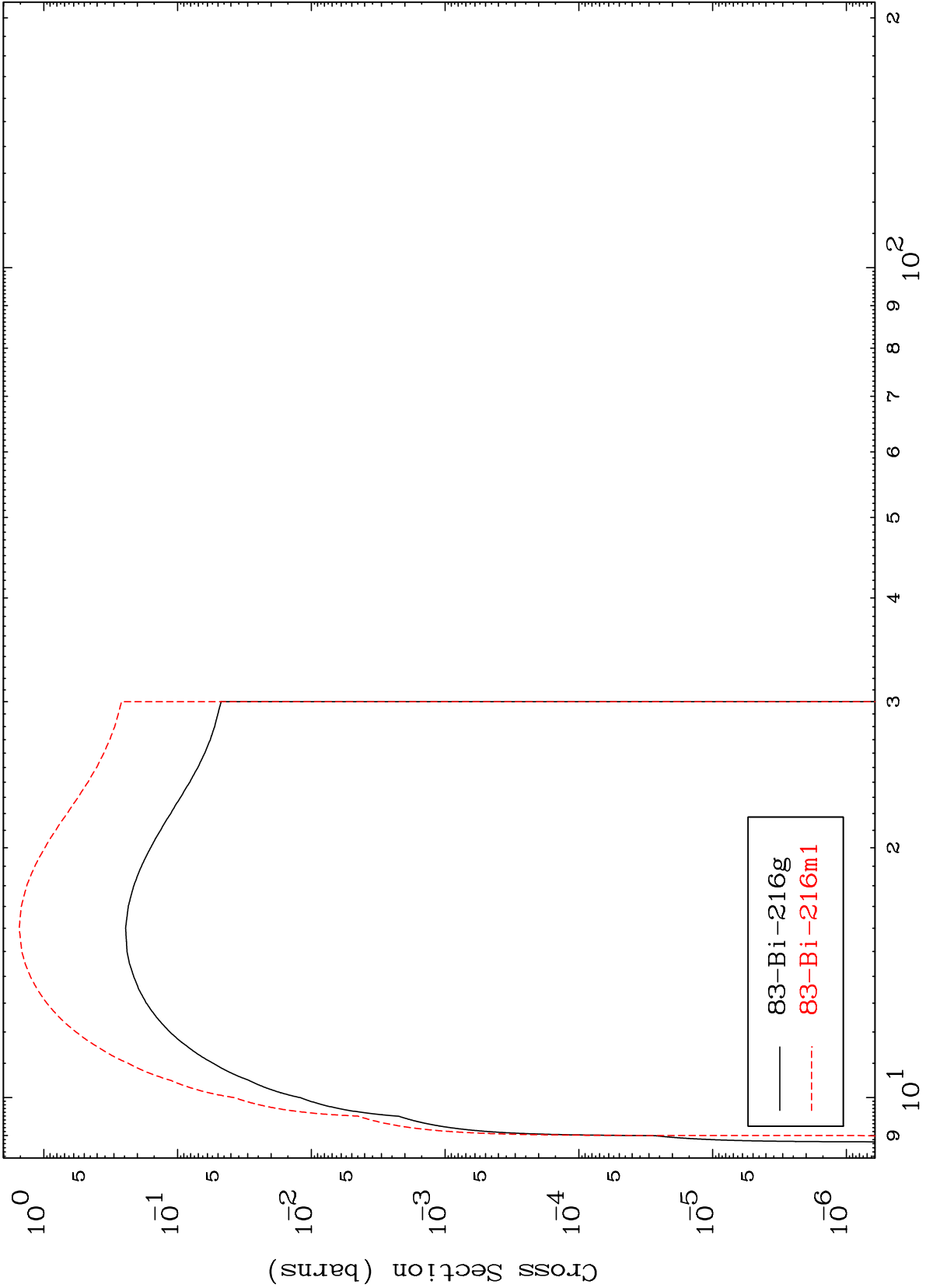


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(n,3n)

83-Bi-218

Radionuclide Production Cross Section



83-Bi-216g  
83-Bi-216m1

Incident Energy (MeV)

83-Bi-218

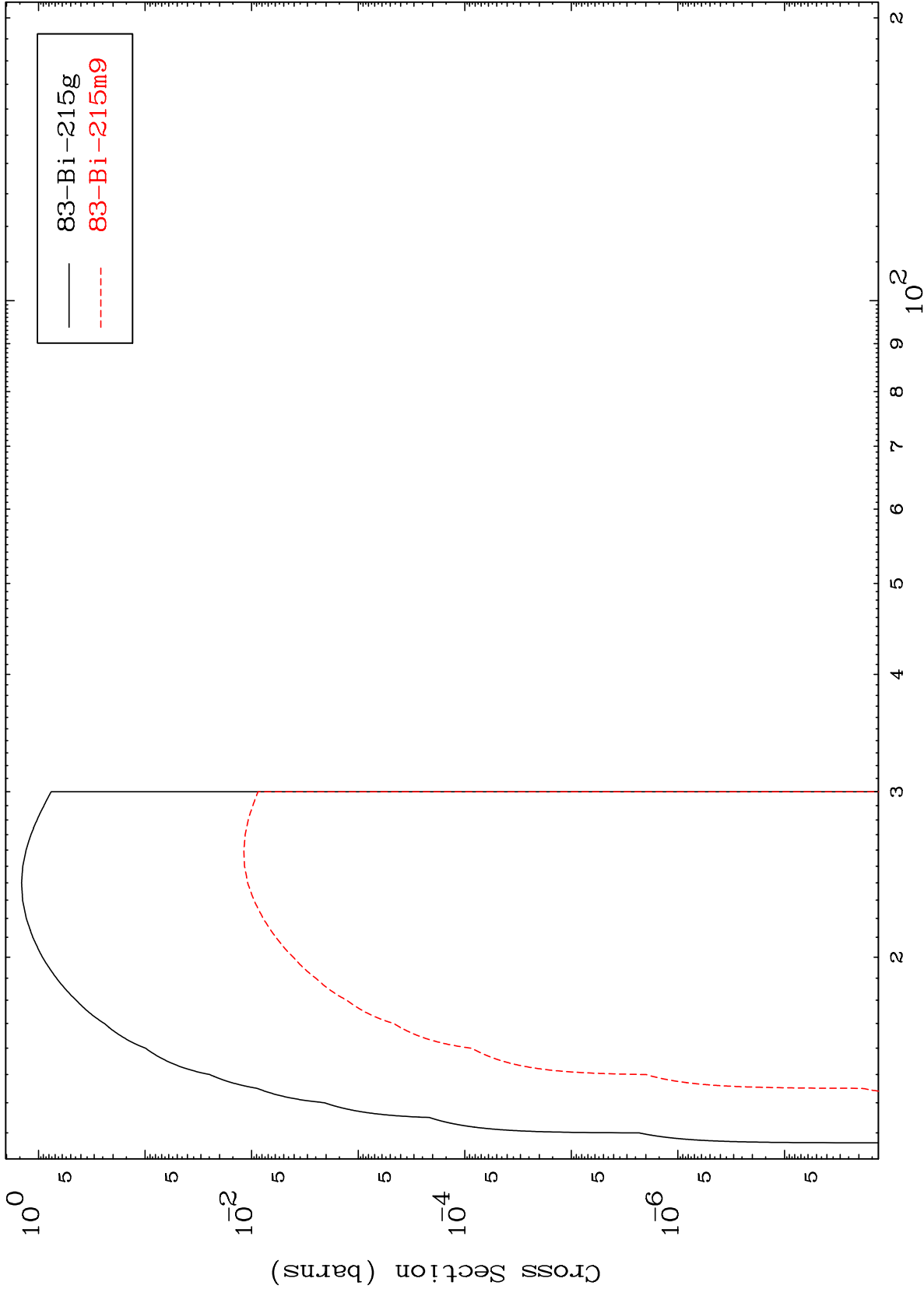
28

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(n,4n)

83-Bi-218

Radionuclide Production Cross Section



29

Incident Energy (MeV)

83-Bi-218