

Program EVALPLOT  
(Version 2021-1)

by

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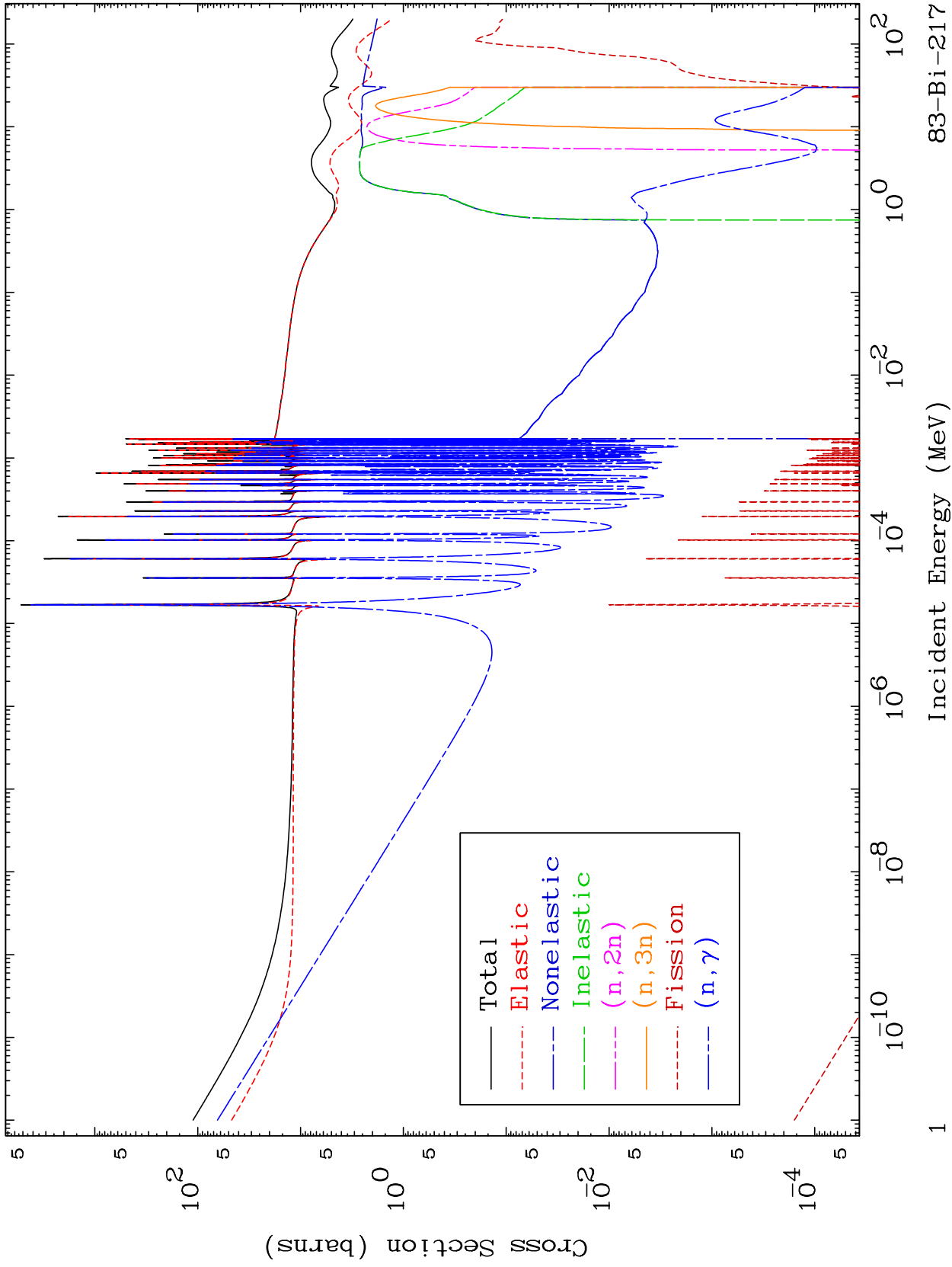
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8349

Neutron Major  
293 Kelvin Cross Sections

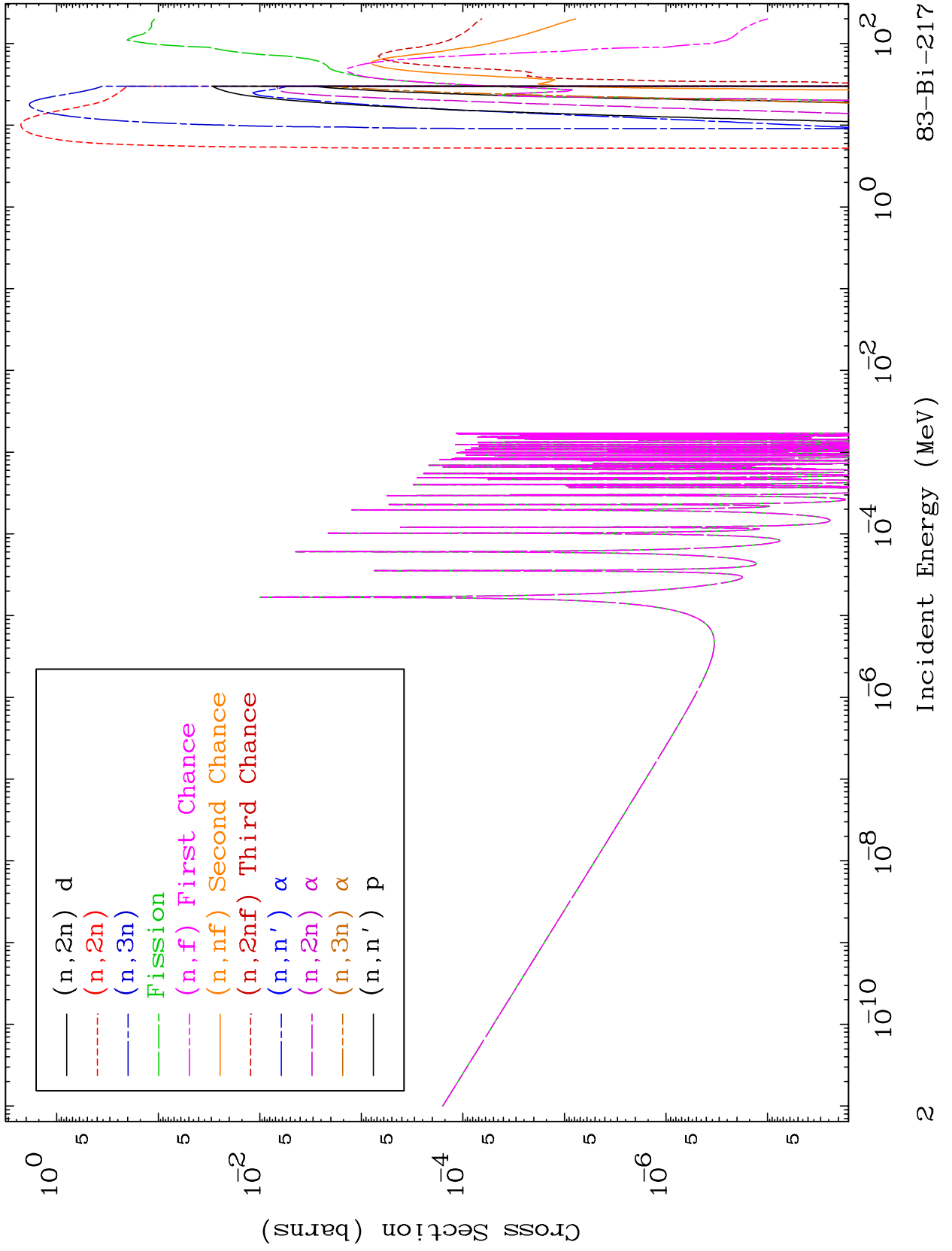
83-Bi-217

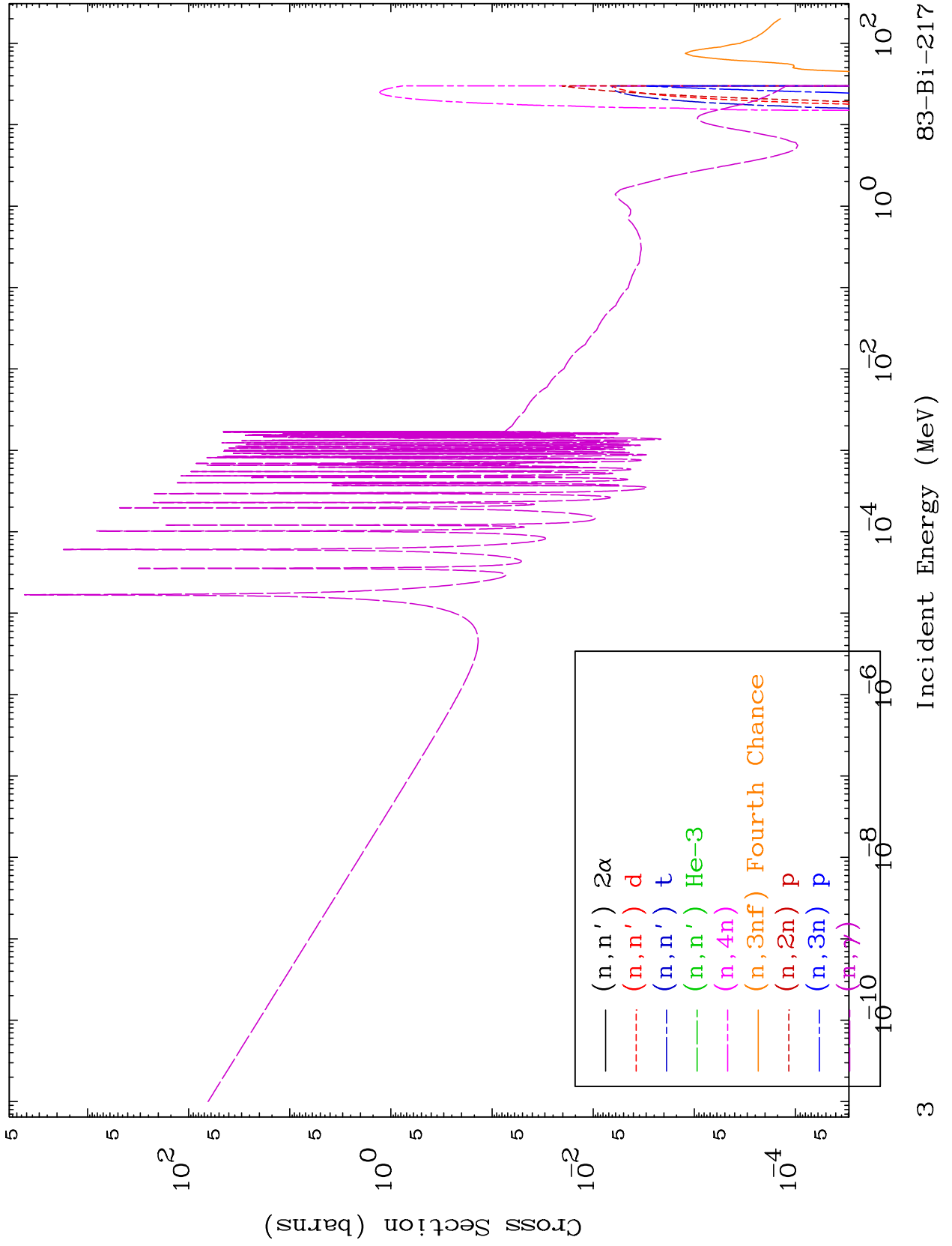


MAT 8349

Neutron Absorption  
293 Kelvin Cross Sections

83-Bi-217

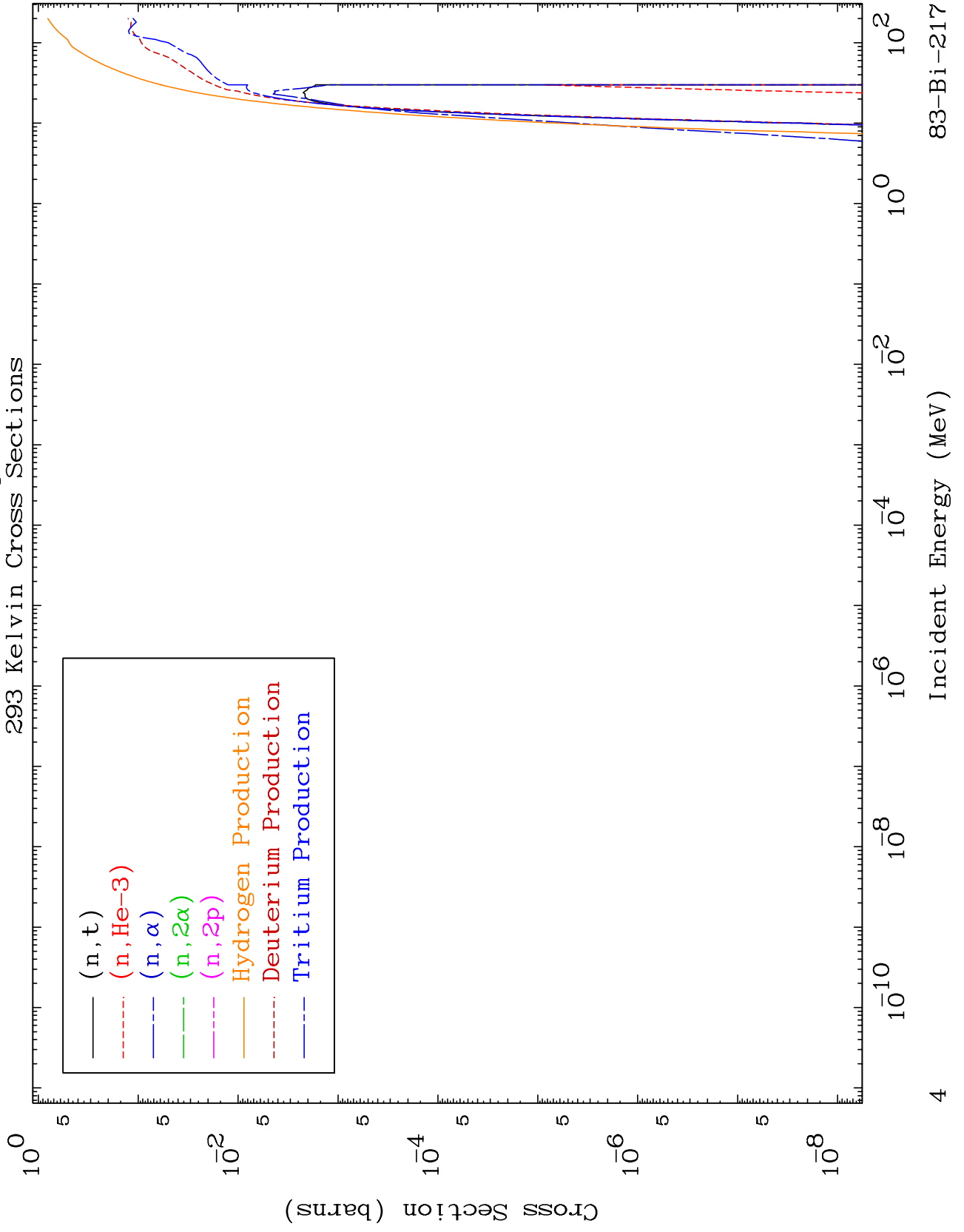




MAT 8349

Neutron Absorption  
293 Kelvin Cross Sections

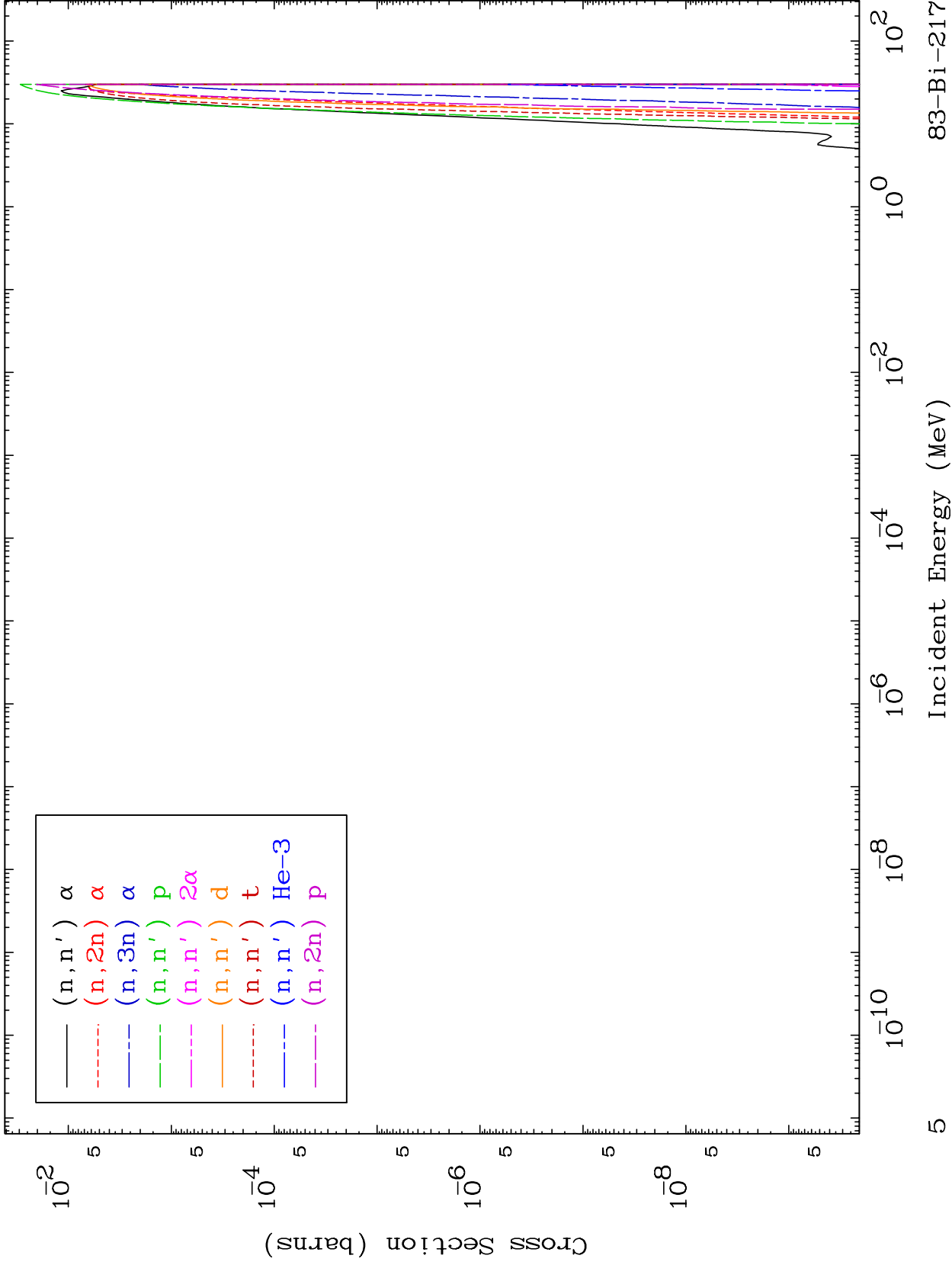
83-Bi-217



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Charged Particle  
293 Kelvin Cross Sections

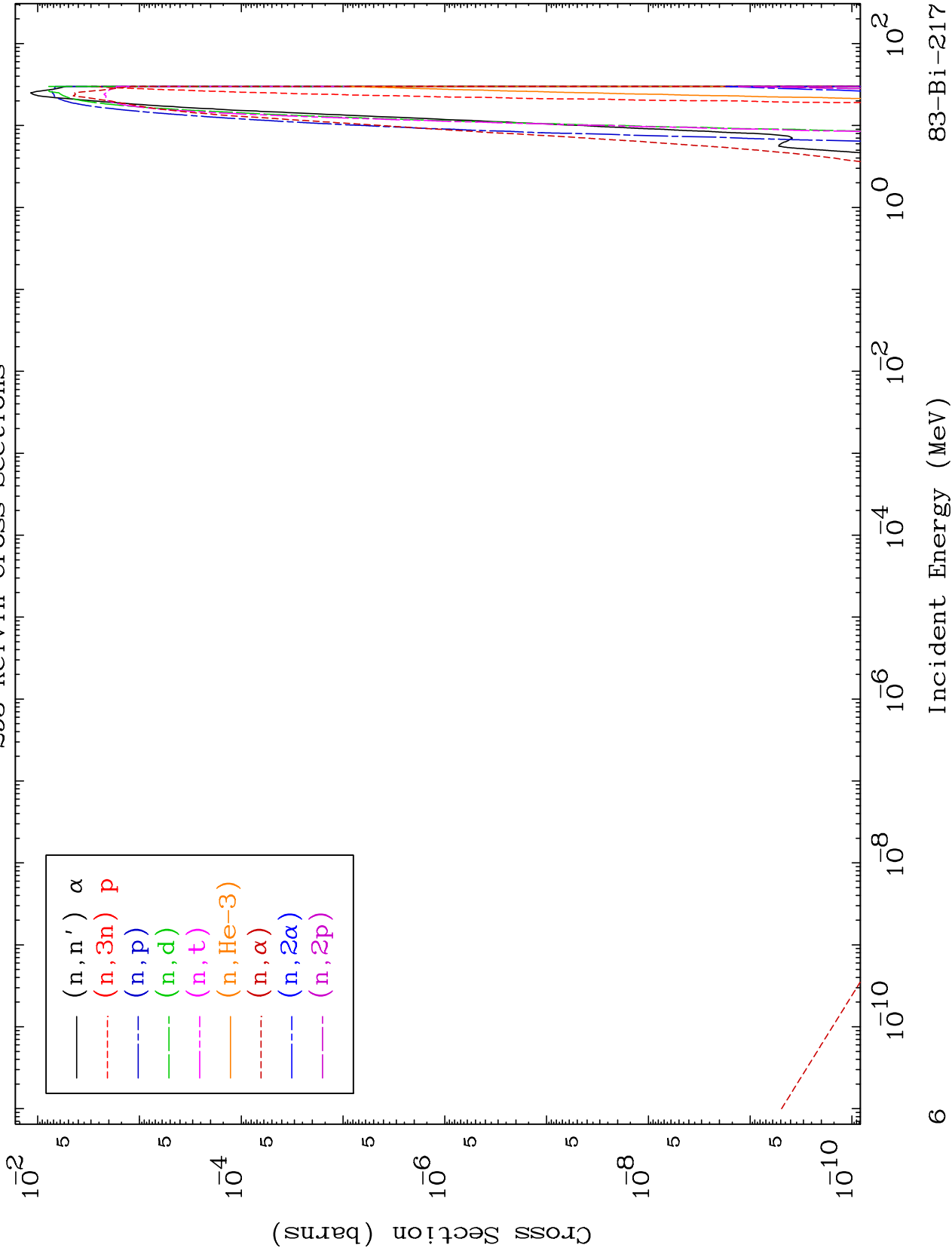
83-Bi-217



MAT 8349

Charged Particle  
293 Kelvin Cross Sections

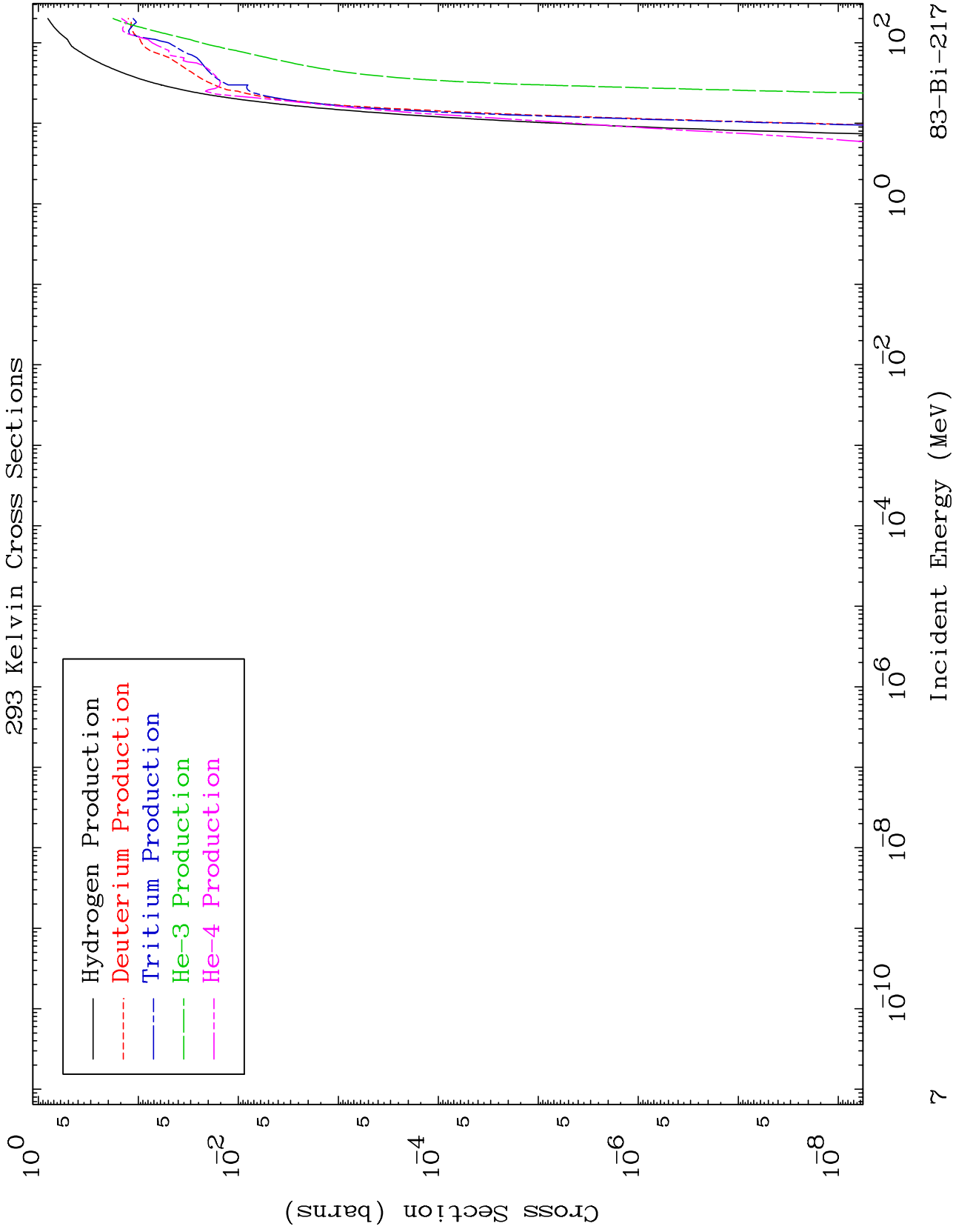
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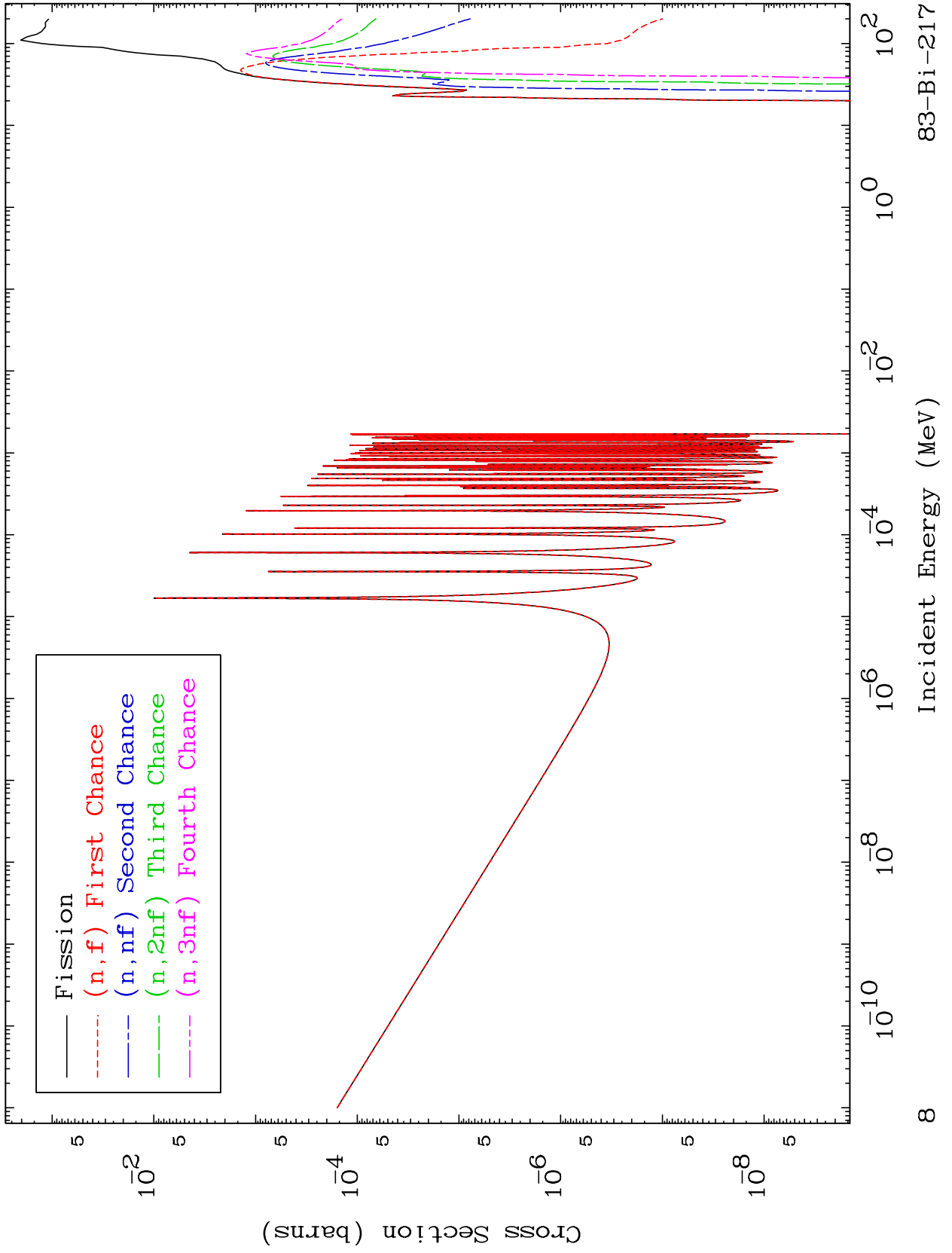
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Particle Production  
293 Kelvin Cross Sections

83-Bi-217





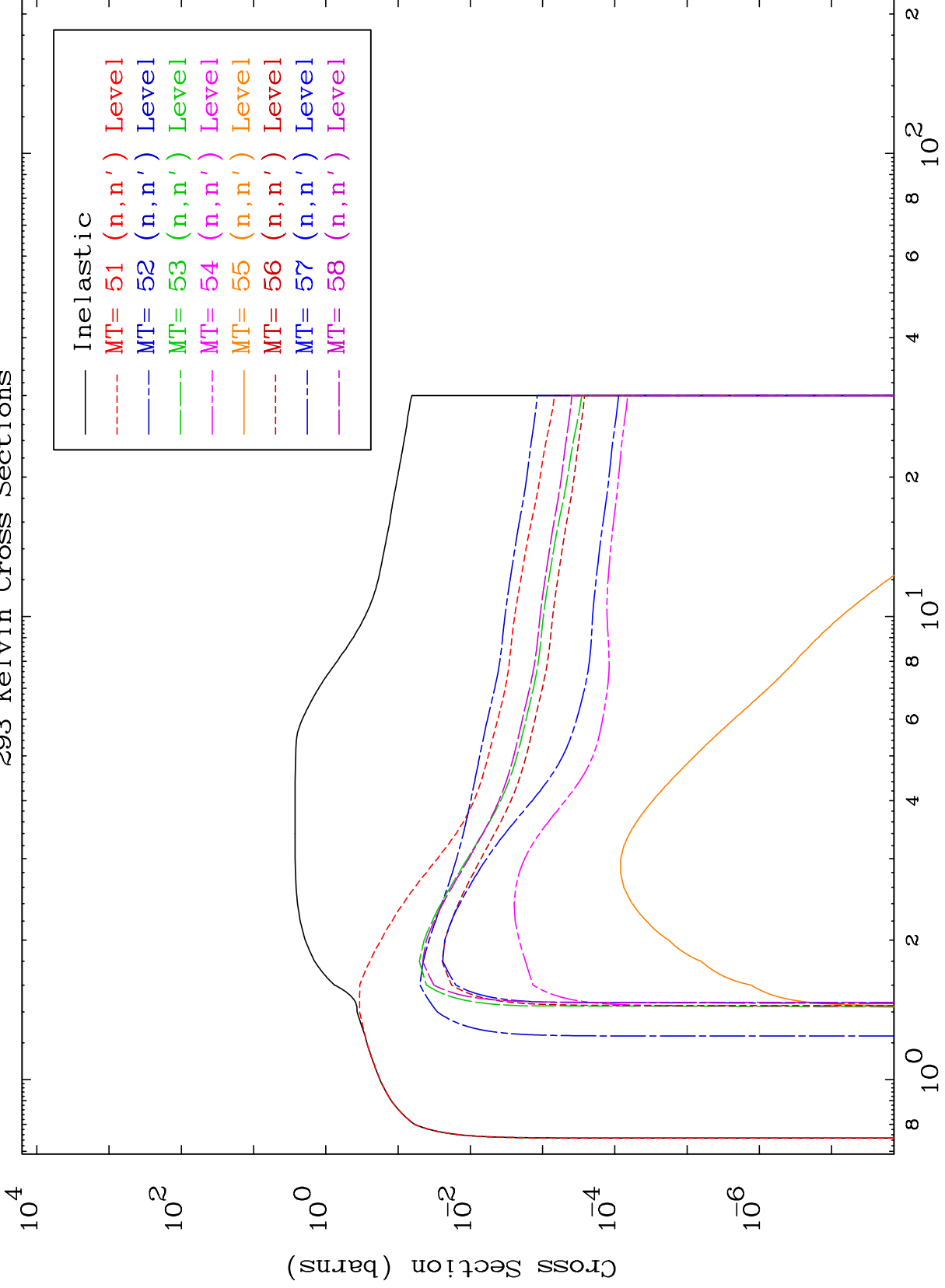


MAT 8349

(n,n') Levels

83-Bi-217

293 Kelvin Cross Sections



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Incident Energy (MeV)

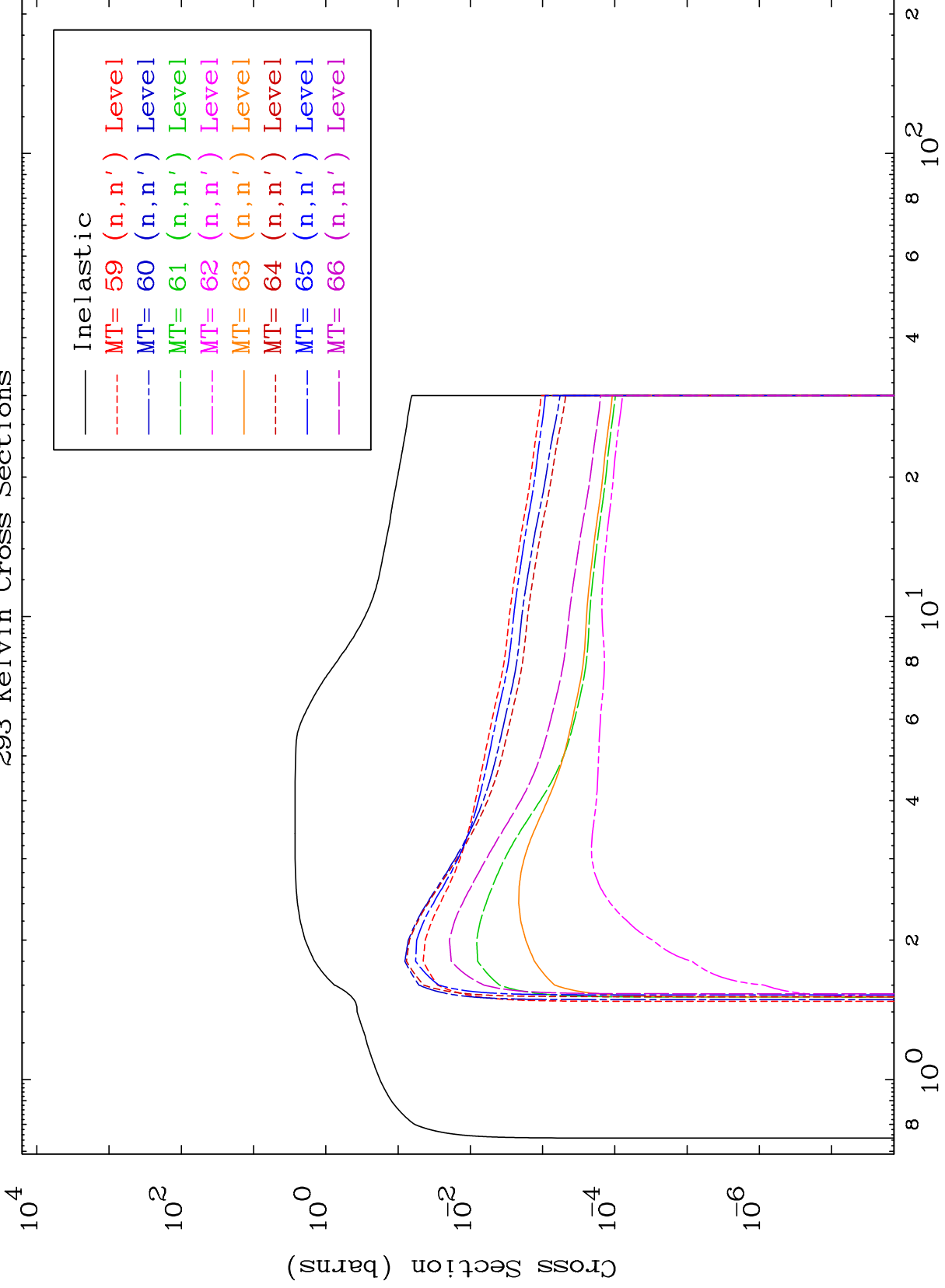
83-Bi-217

MAT 8349

(n,n') Levels

83-Bi-217

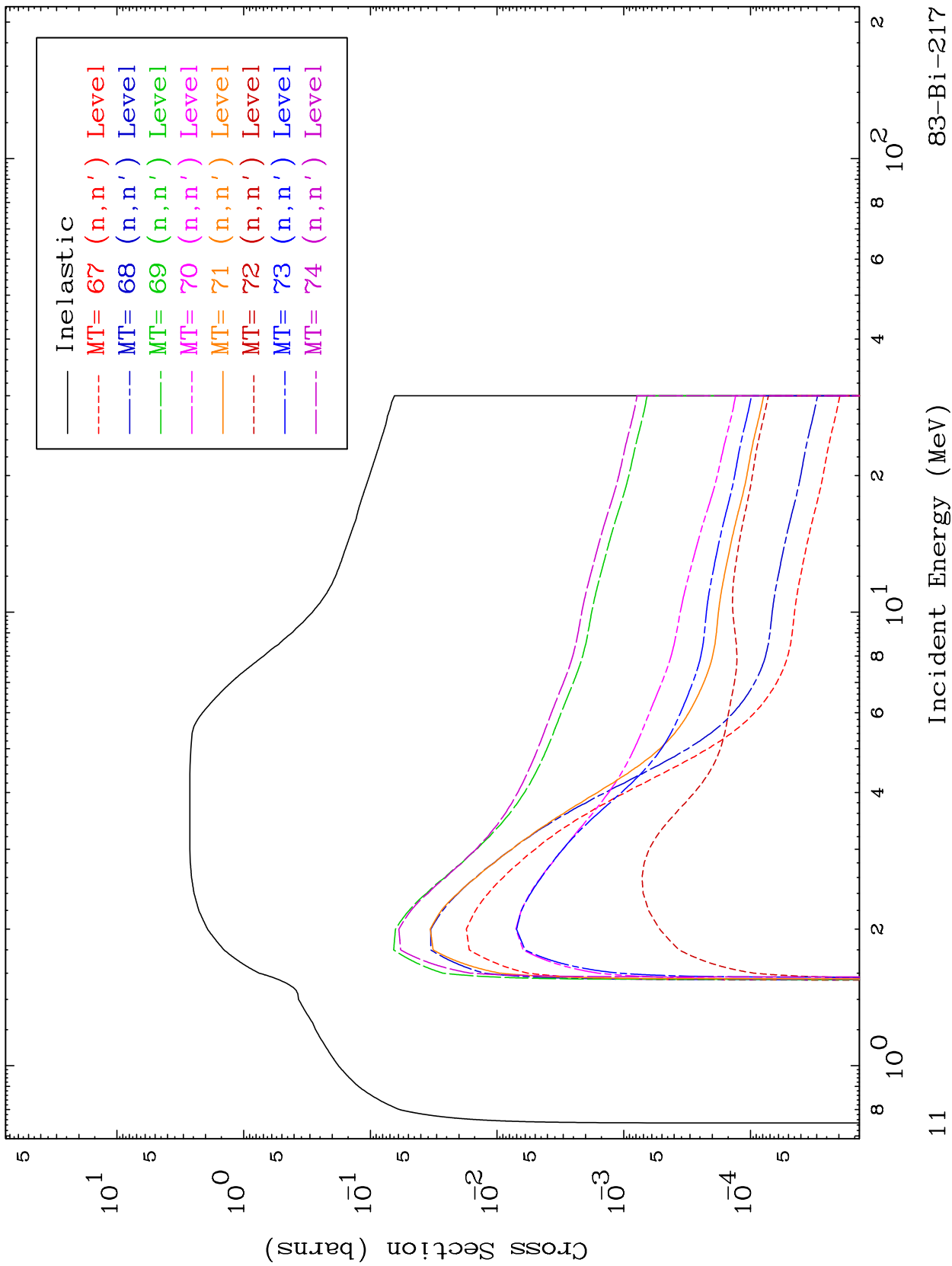
293 Kelvin Cross Sections



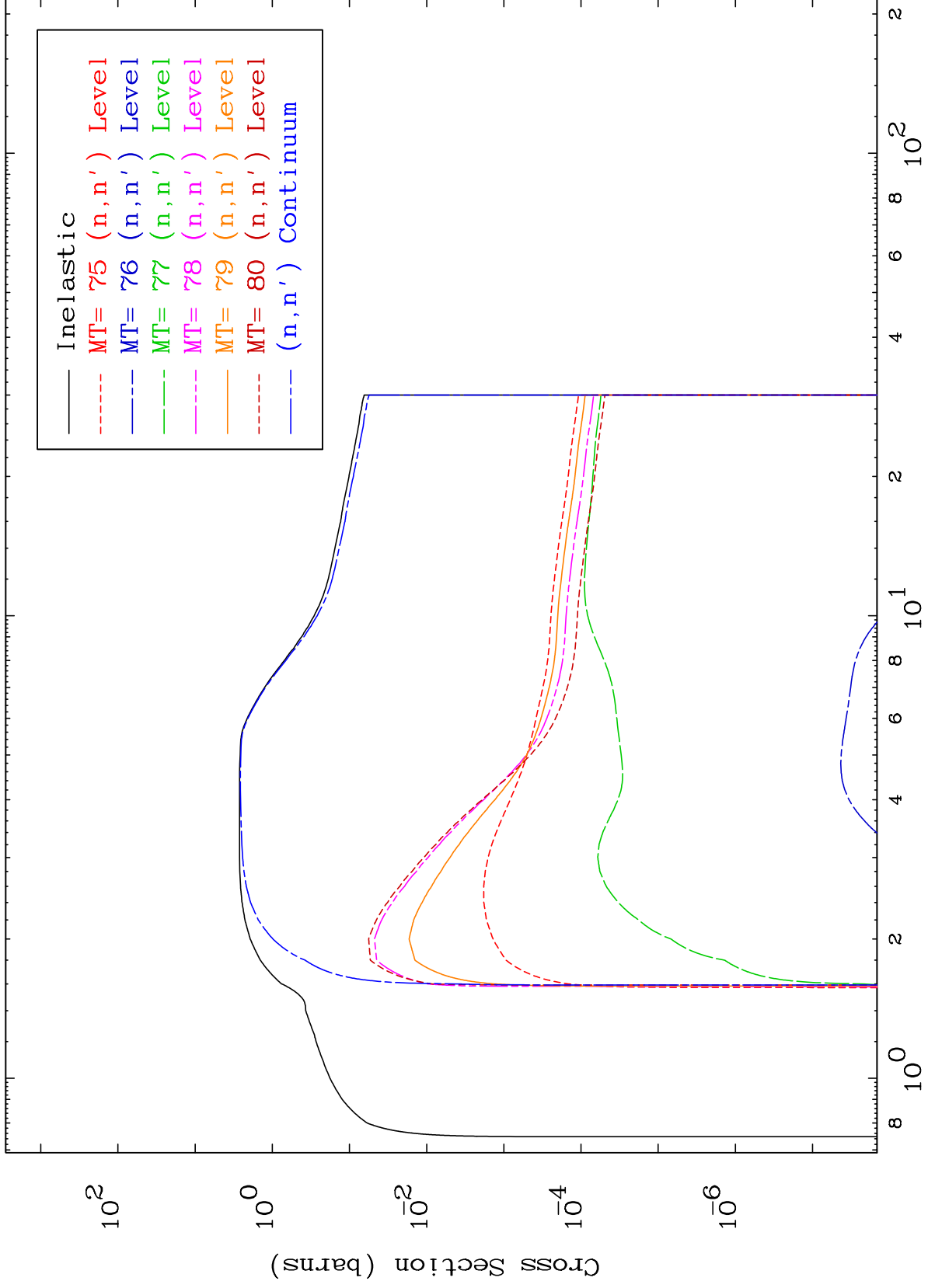
10

Incident Energy (MeV)

83-Bi-217



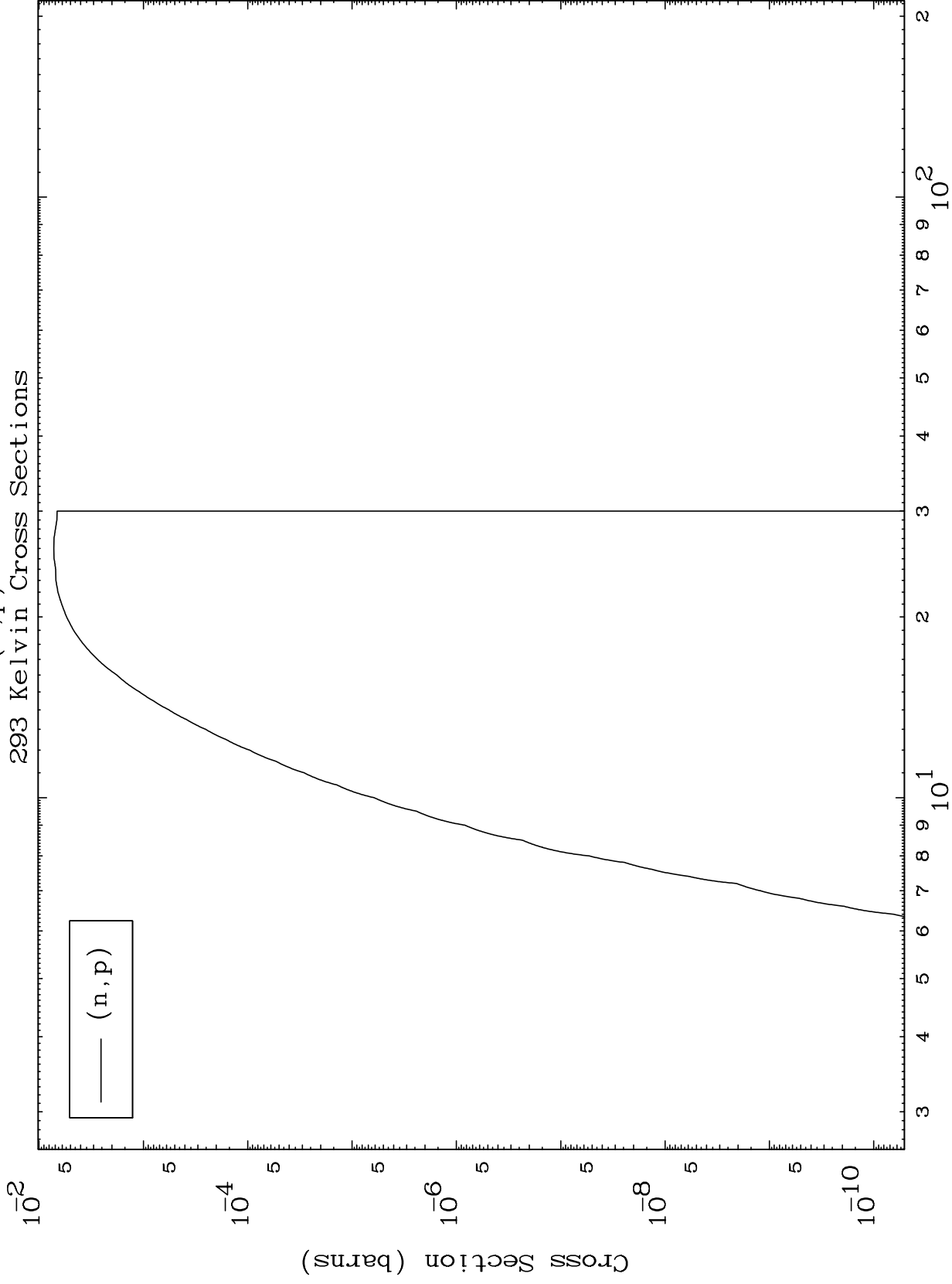
293 Kelvin Cross Sections



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(n,p) Levels  
293 Kelvin Cross Sections

83-Bi-217



13

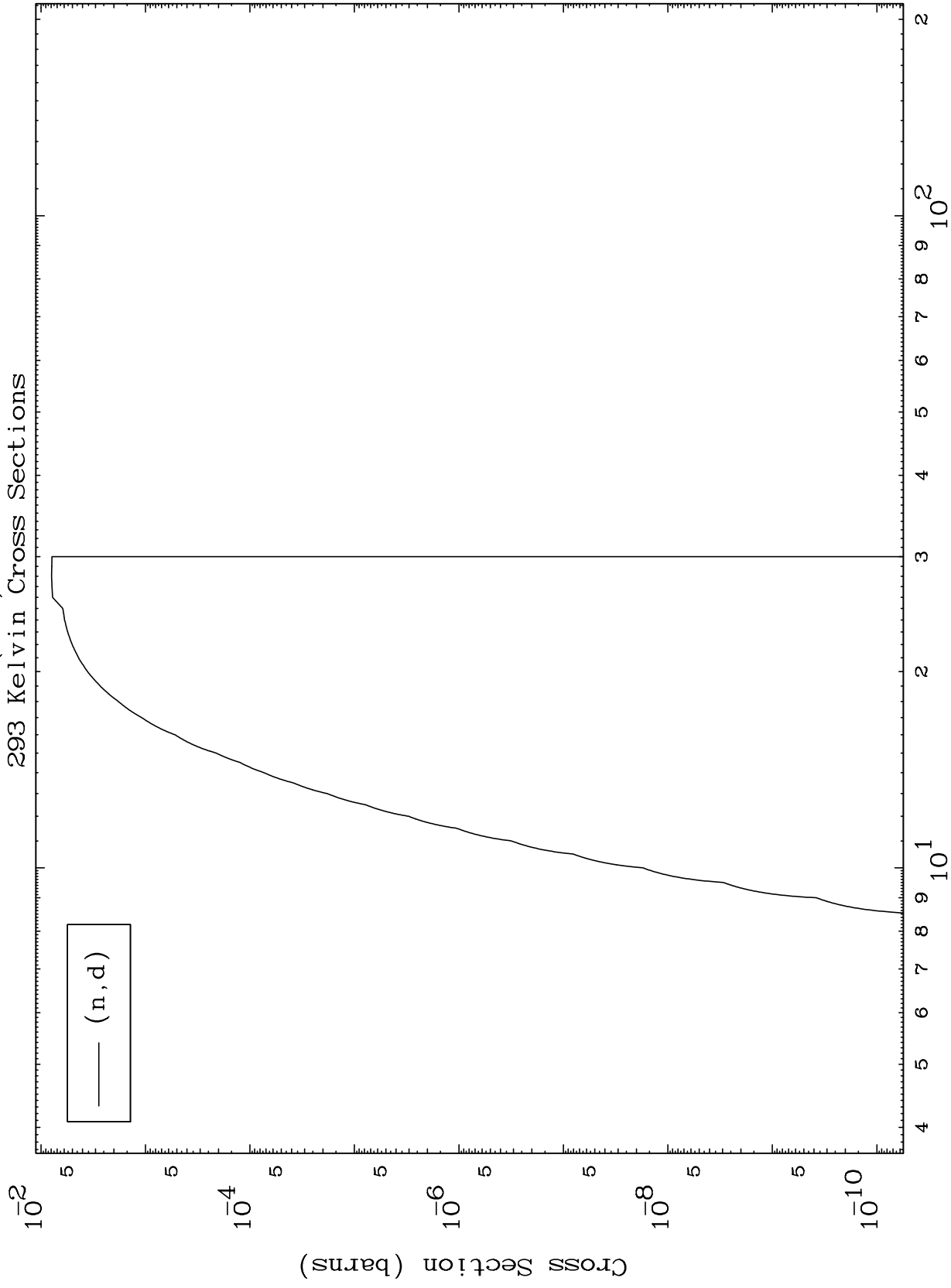
Incident Energy (MeV)

83-Bi-217

MAT 8349

(n,d) Levels  
293 Kelvin Cross Sections

83-Bi-217



14

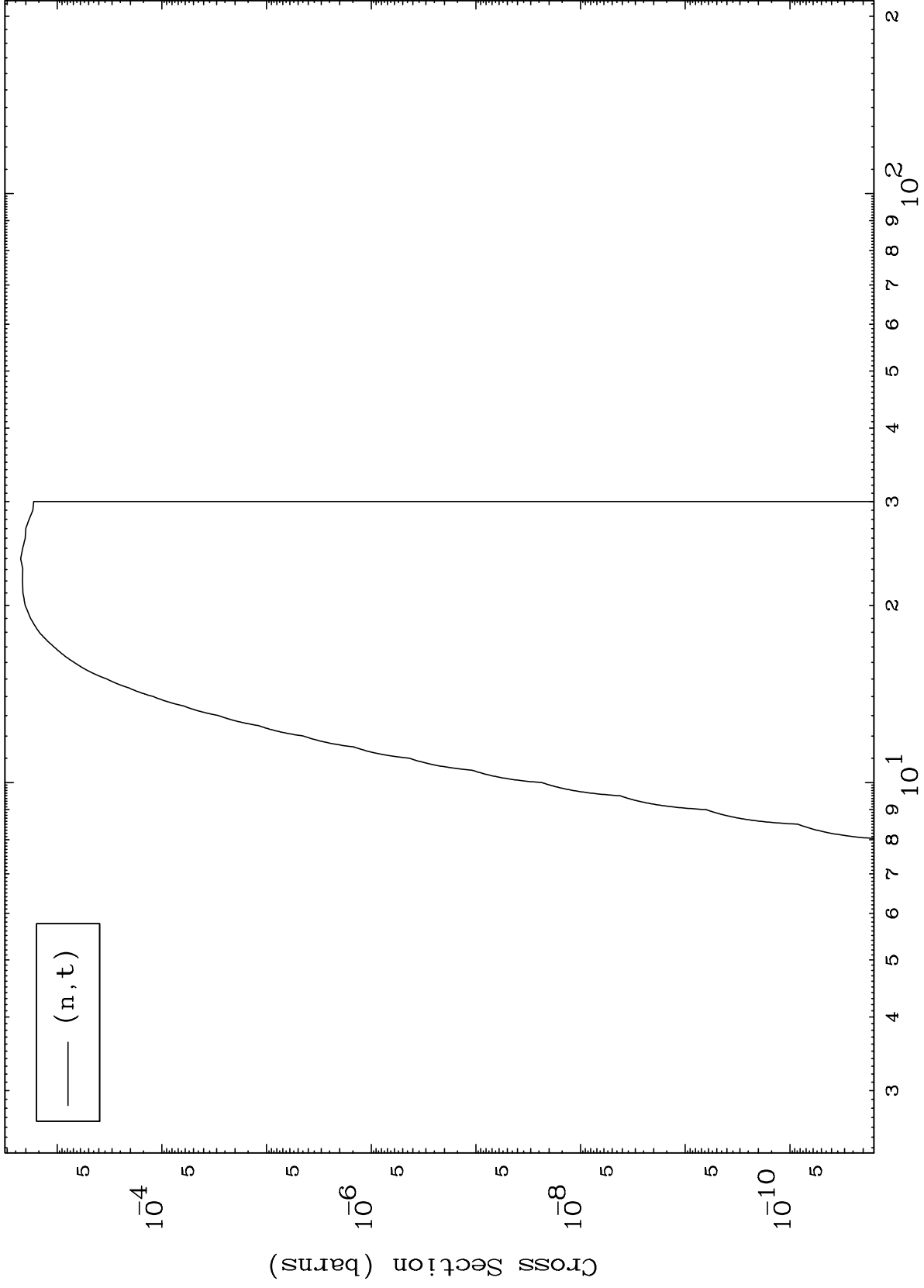
Incident Energy (MeV)

83-Bi-217

MAT 8349

(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-217



(n,t)

15

Incident Energy (MeV)

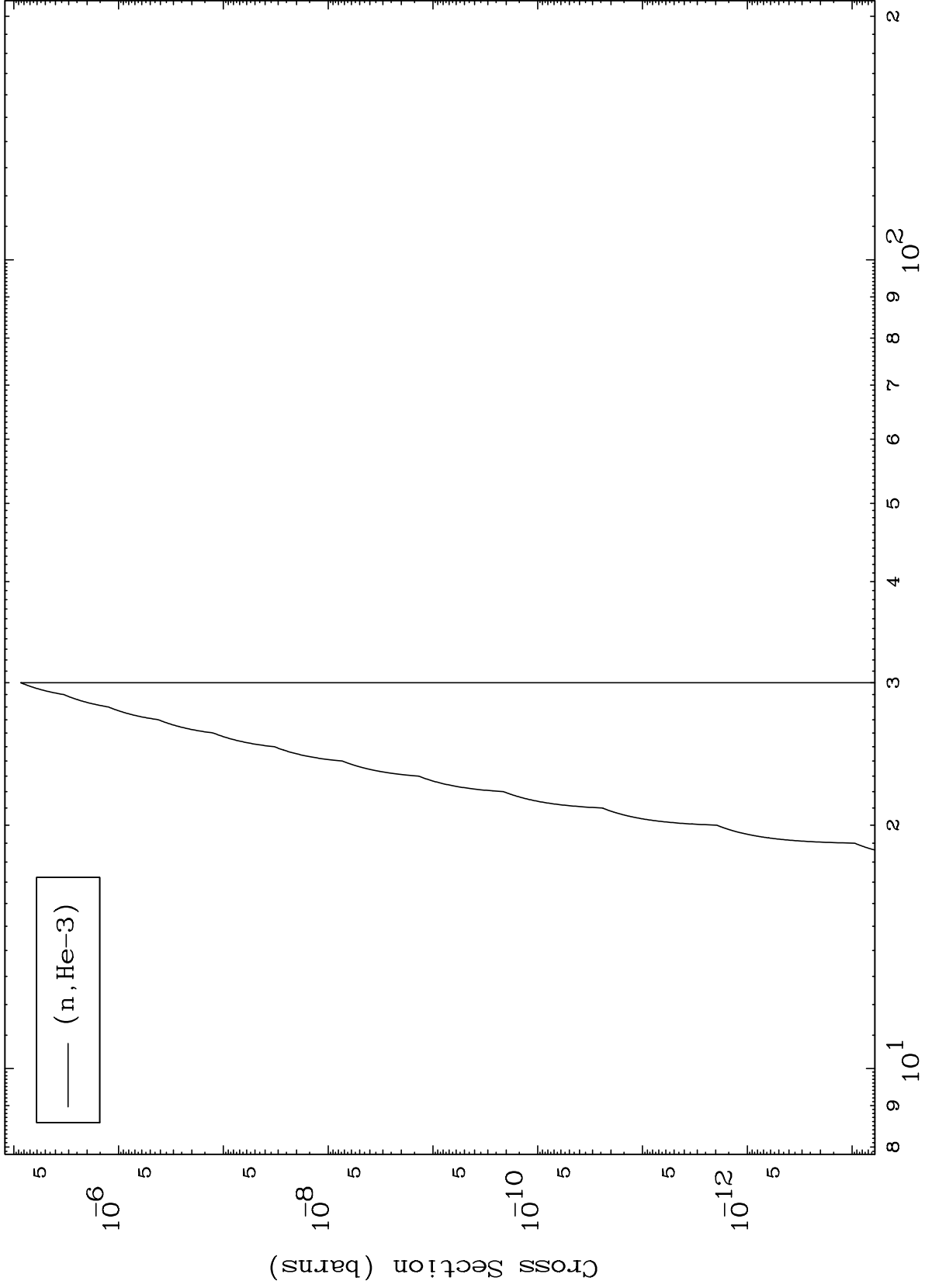
83-Bi-217



MAT 8349

(n,He3) Levels  
293 Kelvin Cross Sections

83-Bi-217



16

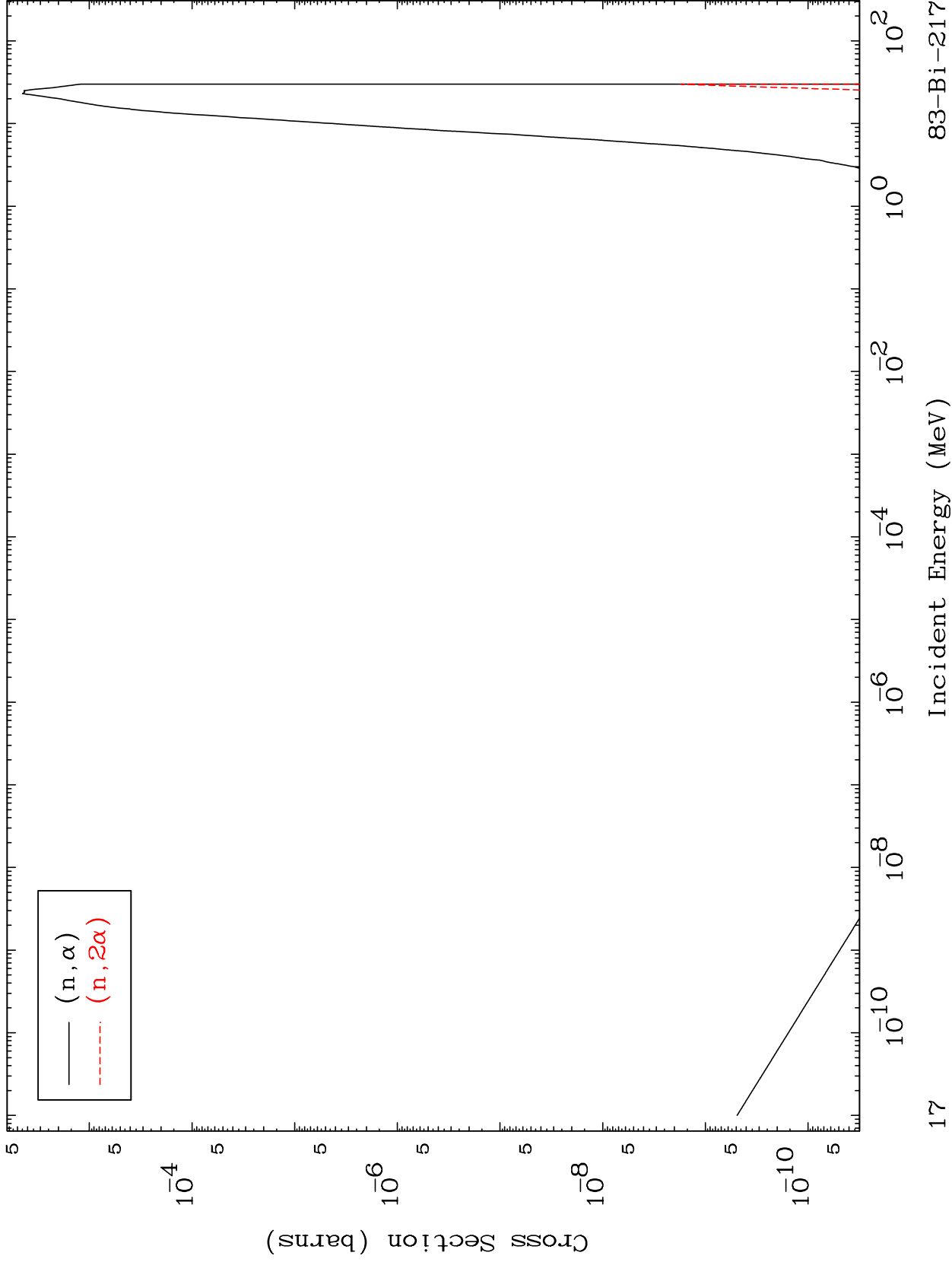
Incident Energy (MeV)

83-Bi-217

MAT 8349

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

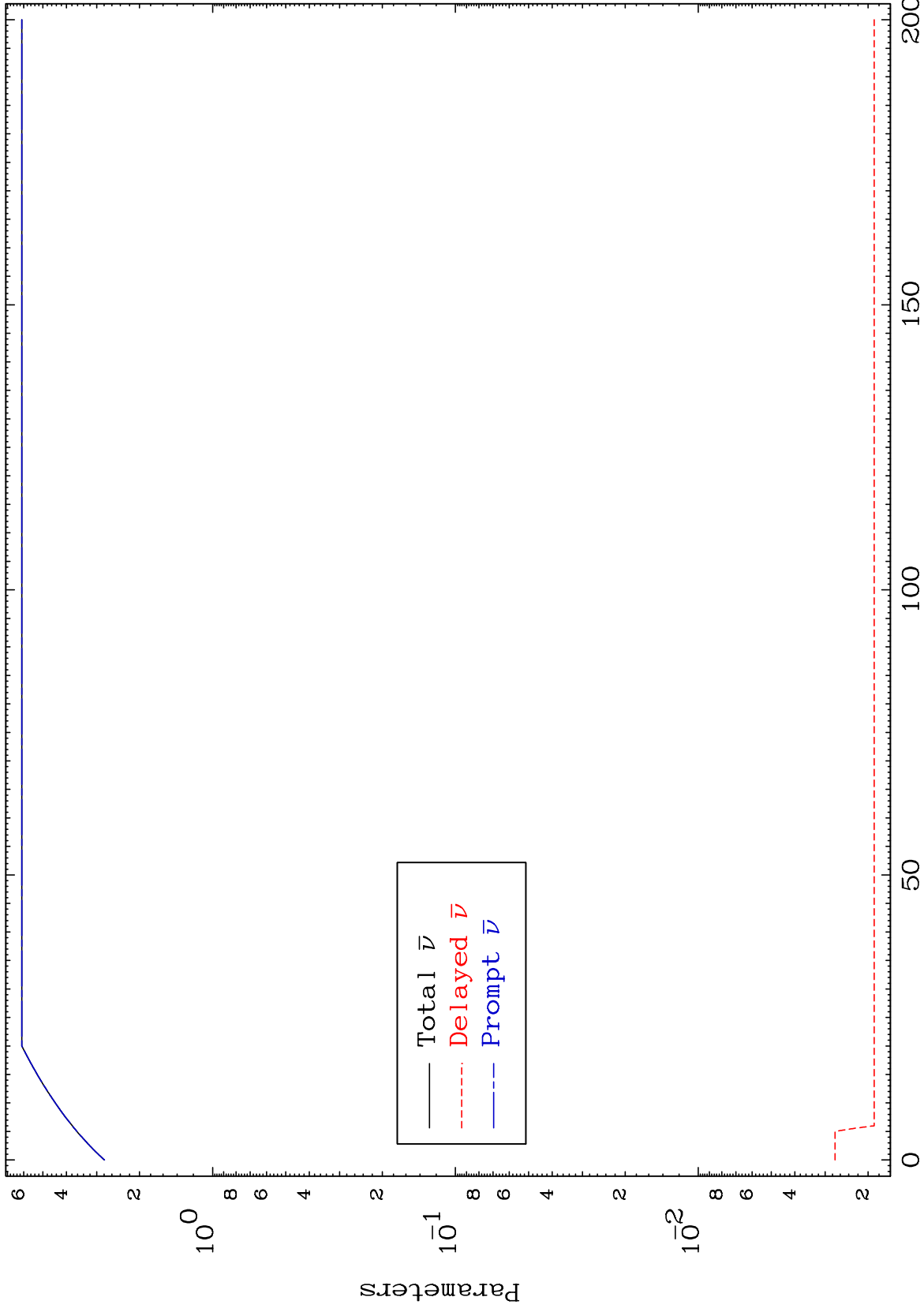
83-Bi-217



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Energy Release  
Parameters

83-Bi-217



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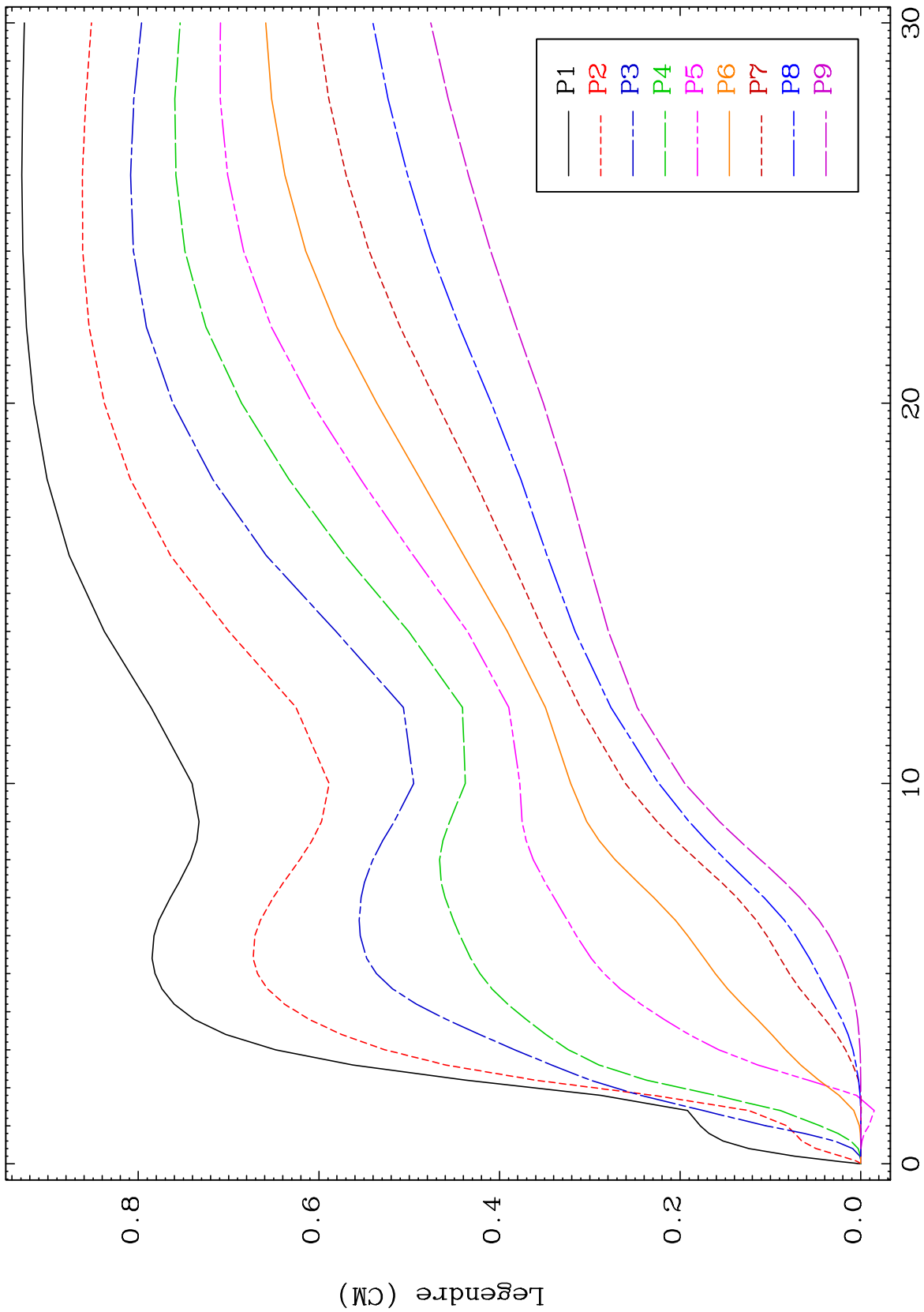
Incident Energy (MeV)

83-Bi-217

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83-Bi-217

Elastic Legendre Coefficients



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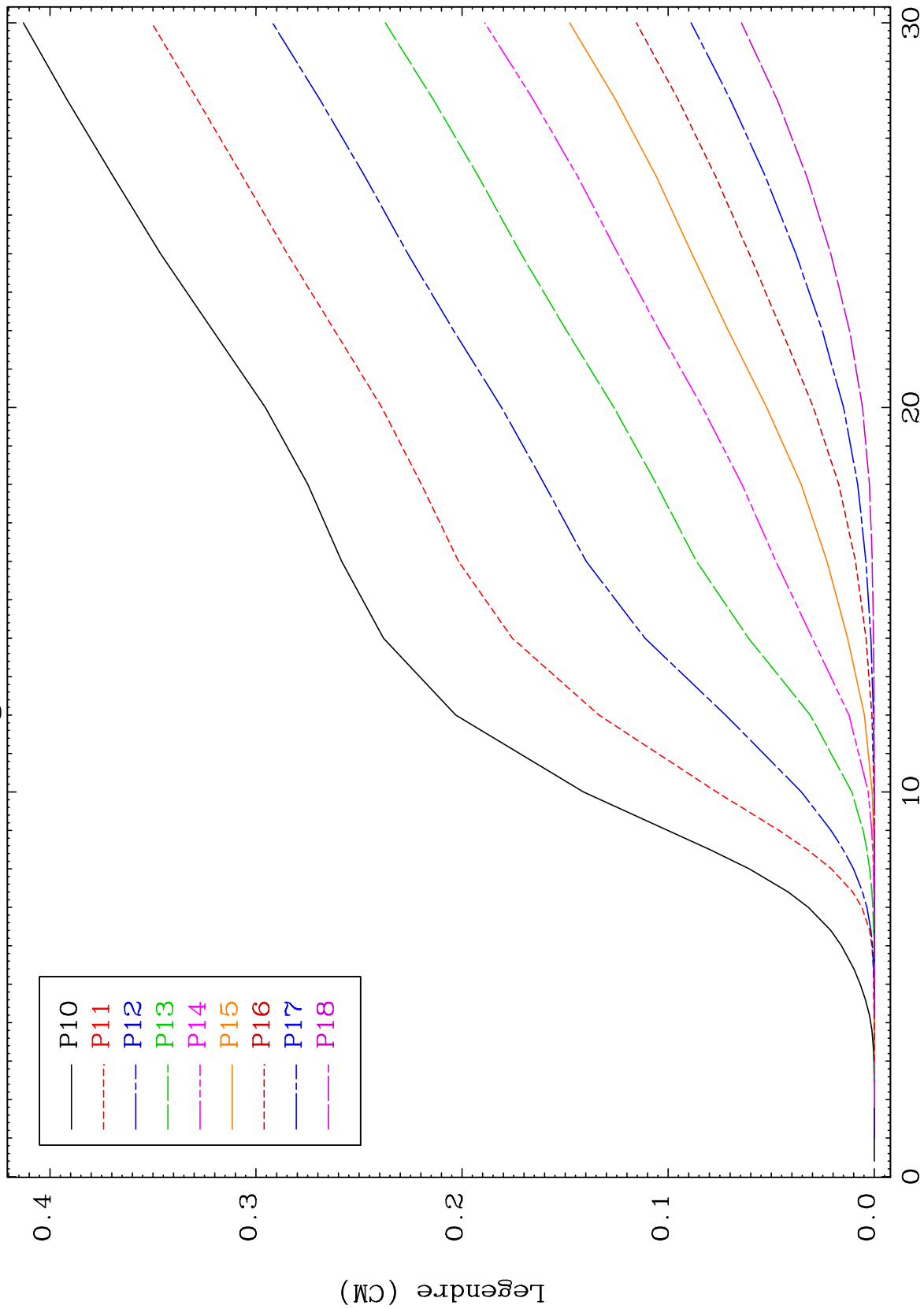
Incident Energy (MeV)

83-Bi-217

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Elastic Legendre Coefficients

83-Bi-217



20

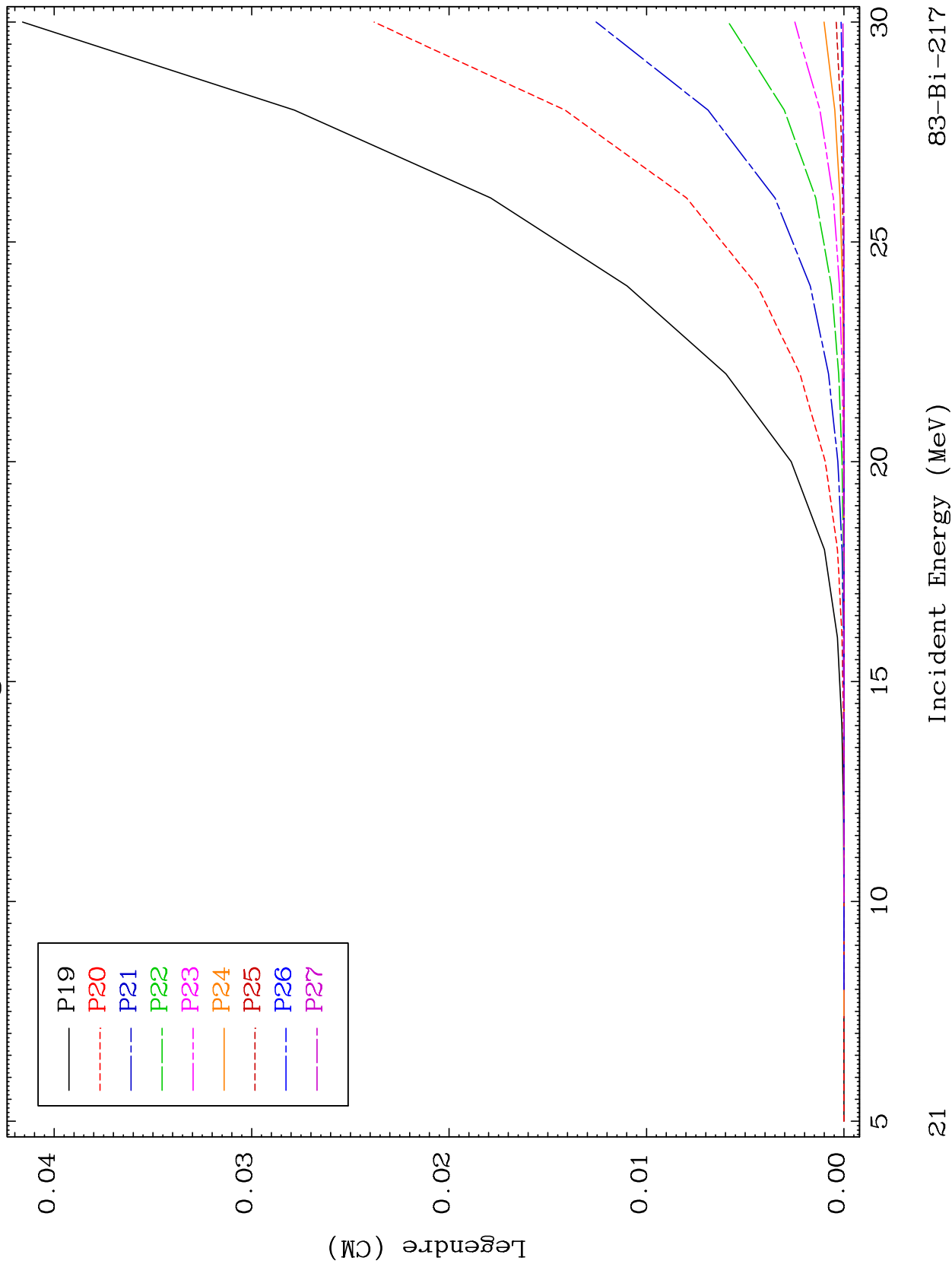
Incident Energy (MeV)

83-Bi-217

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### Elastic Legendre Coefficients

83-Bi-217



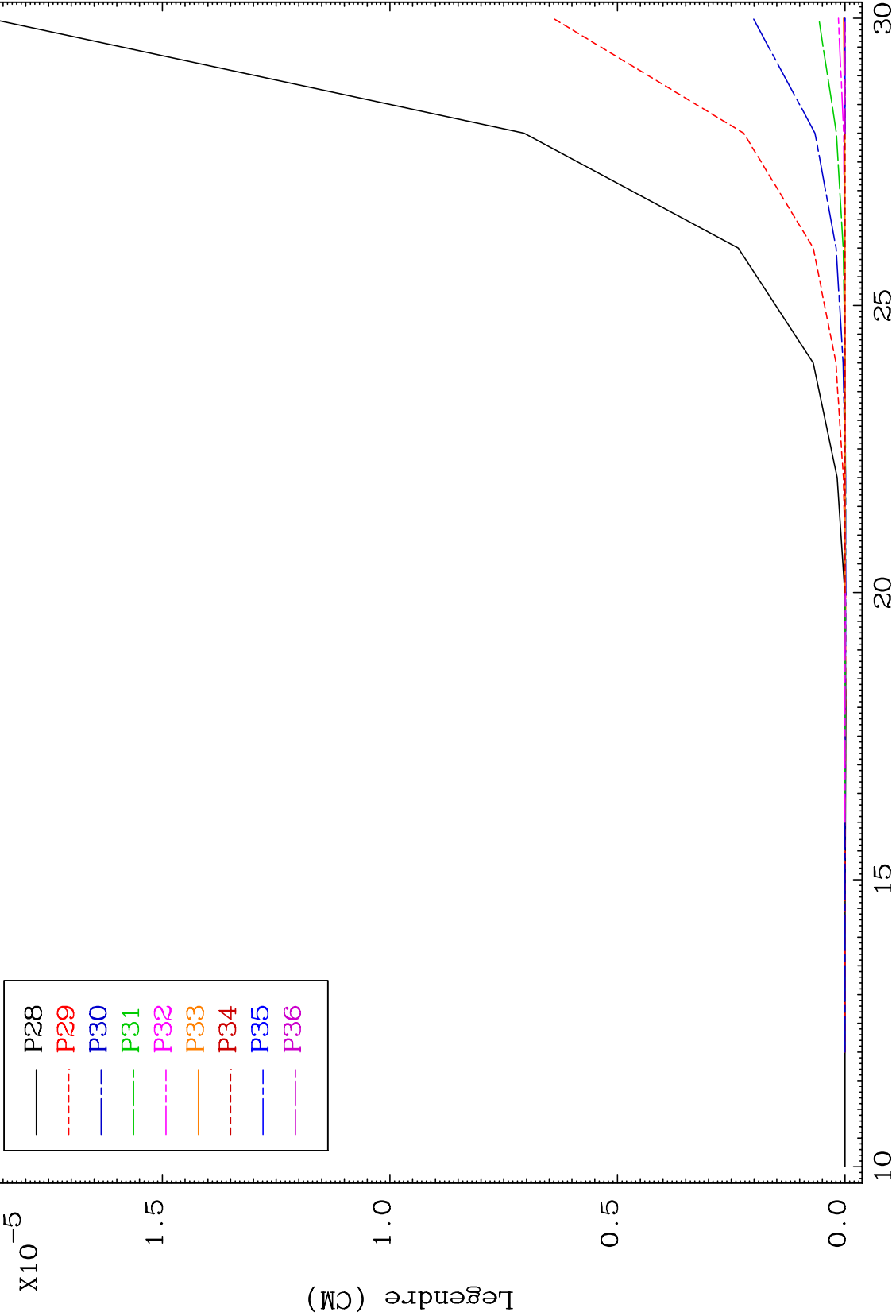
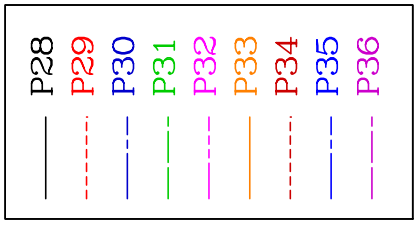
21

83-Bi-217

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Elastic Legendre Coefficients

83-Bi-217



22

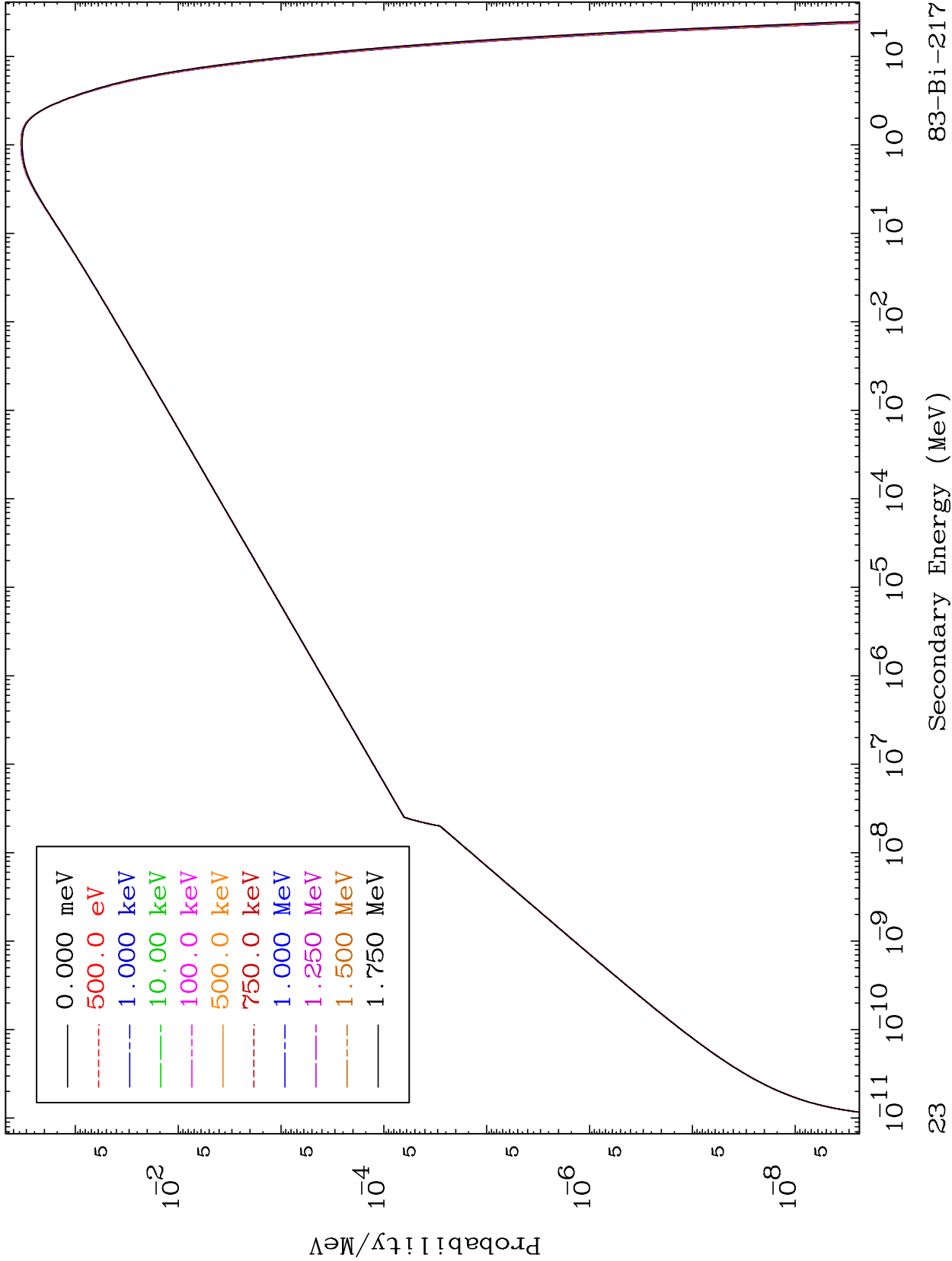
Incident Energy (MeV)

83-Bi-217

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### Fission Energy Distributions

83-Bi-217



83-Bi-217

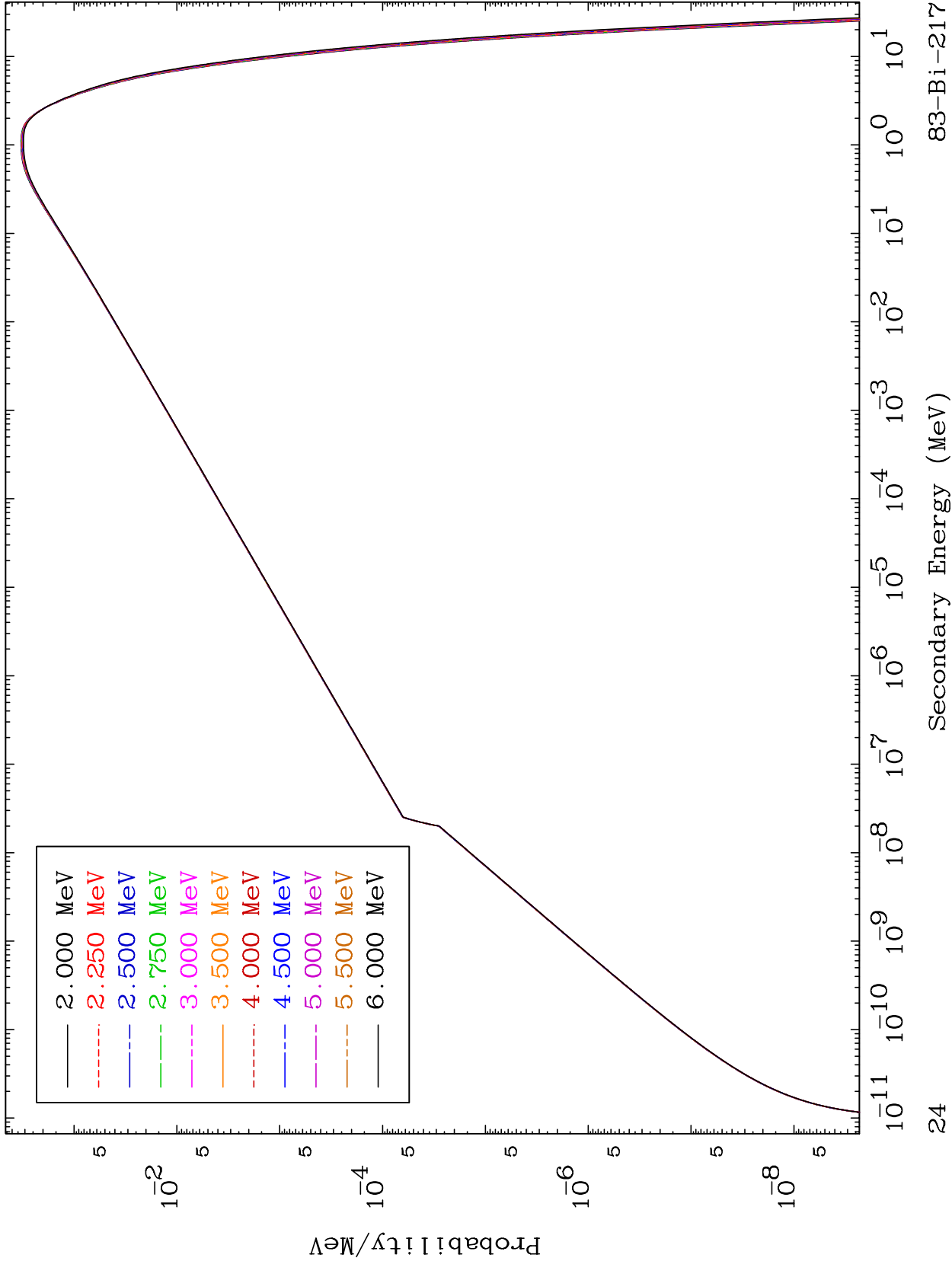
Secondary Energy (MeV)



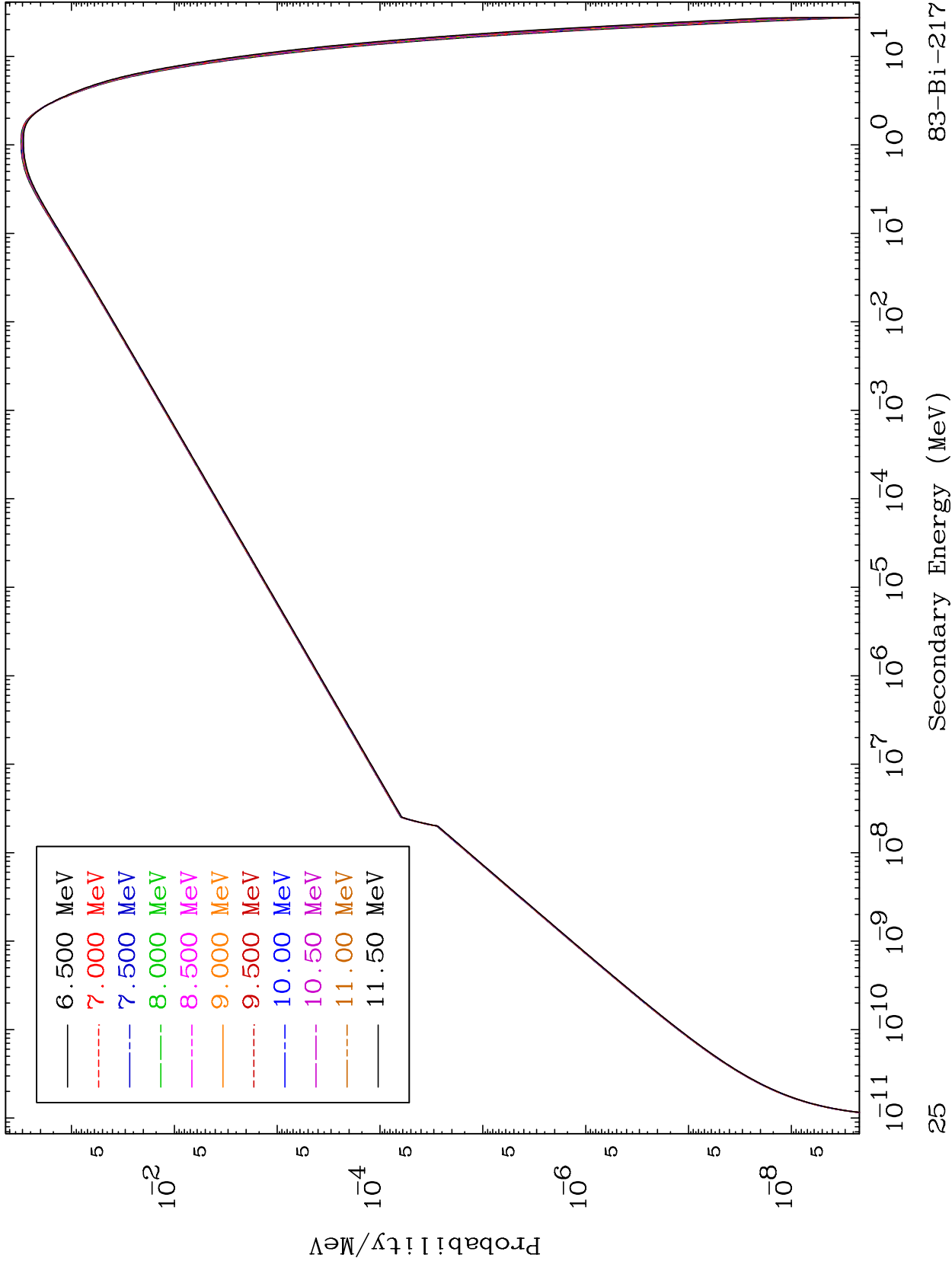
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### Fission Energy Distributions

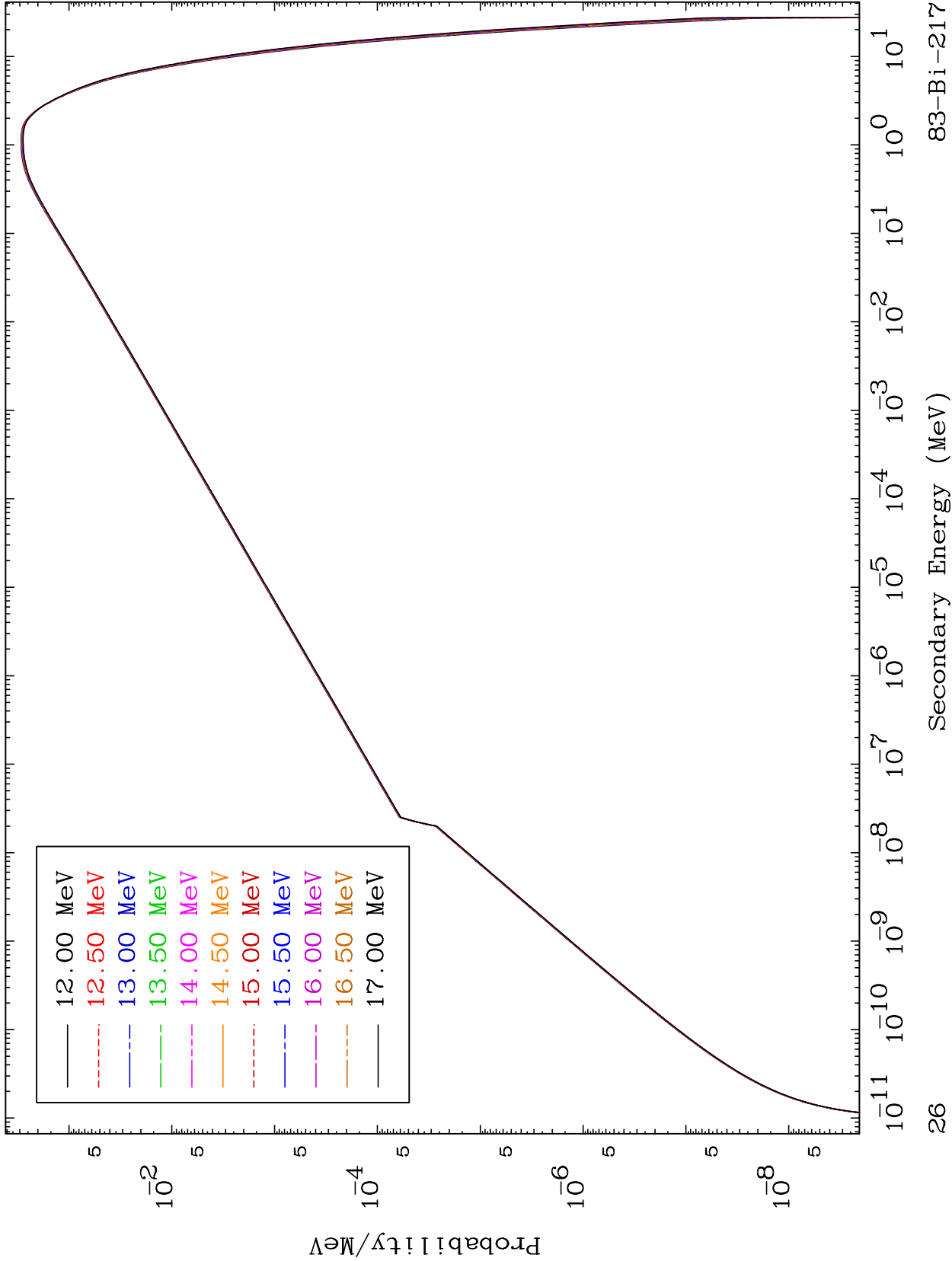
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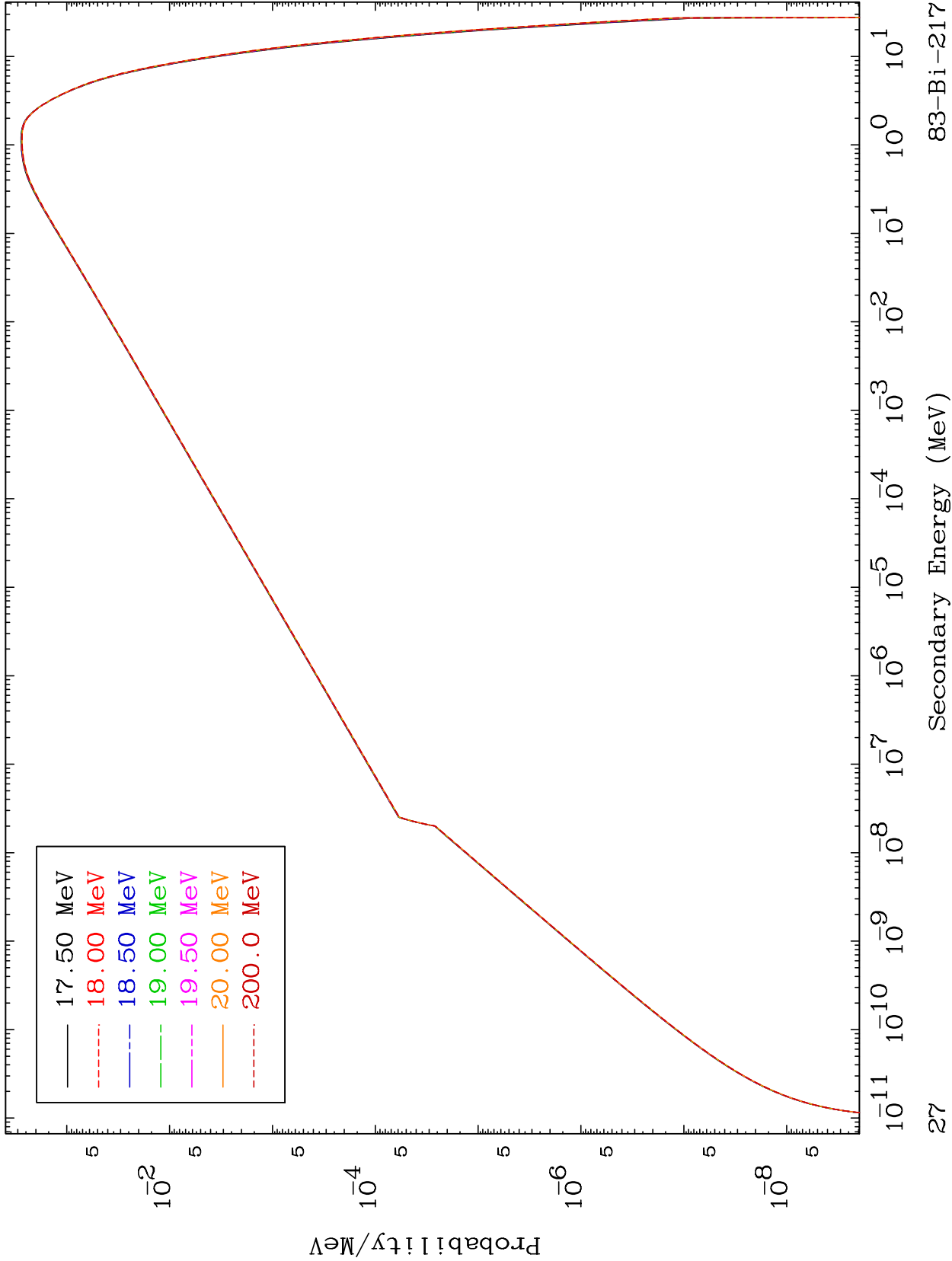
Fission Energy Distributions



Fission Energy Distributions



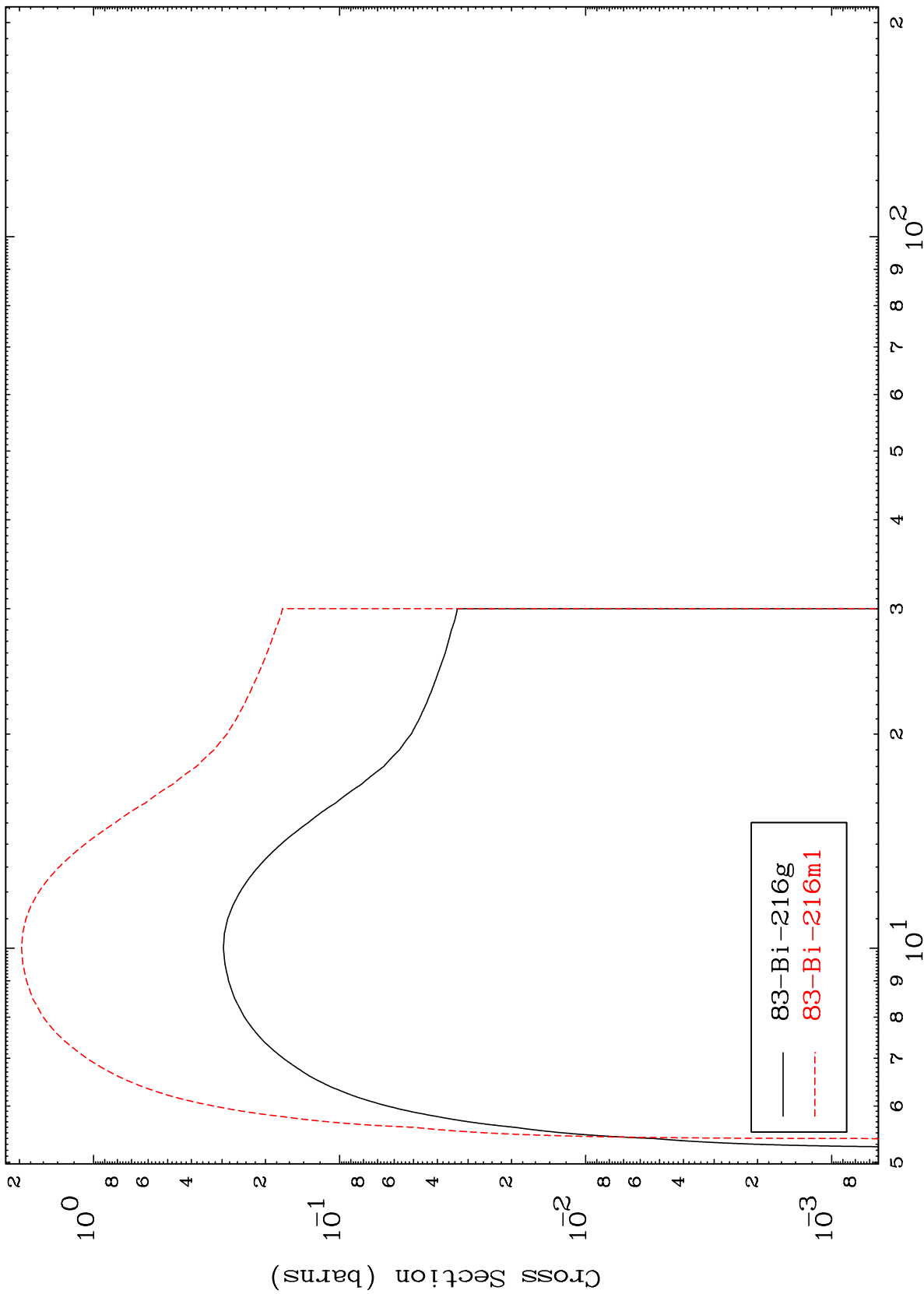
Fission Energy Distributions



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83-Bi-217

Radionuclide Production Cross Section (n,2n)



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Incident Energy (MeV)

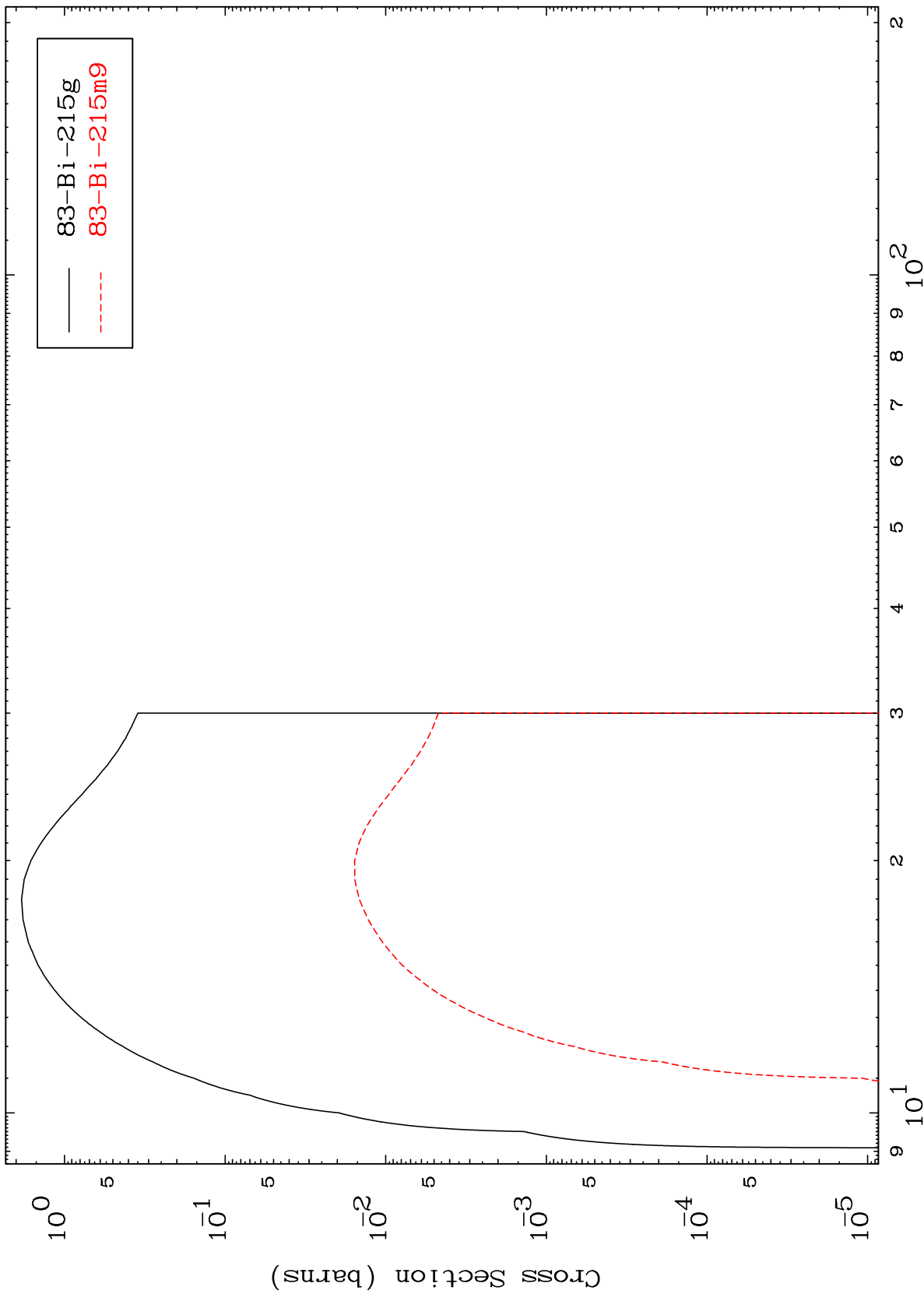
83-Bi-217

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83-Bi-217

(n,3n)

Radionuclide Production Cross Section



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

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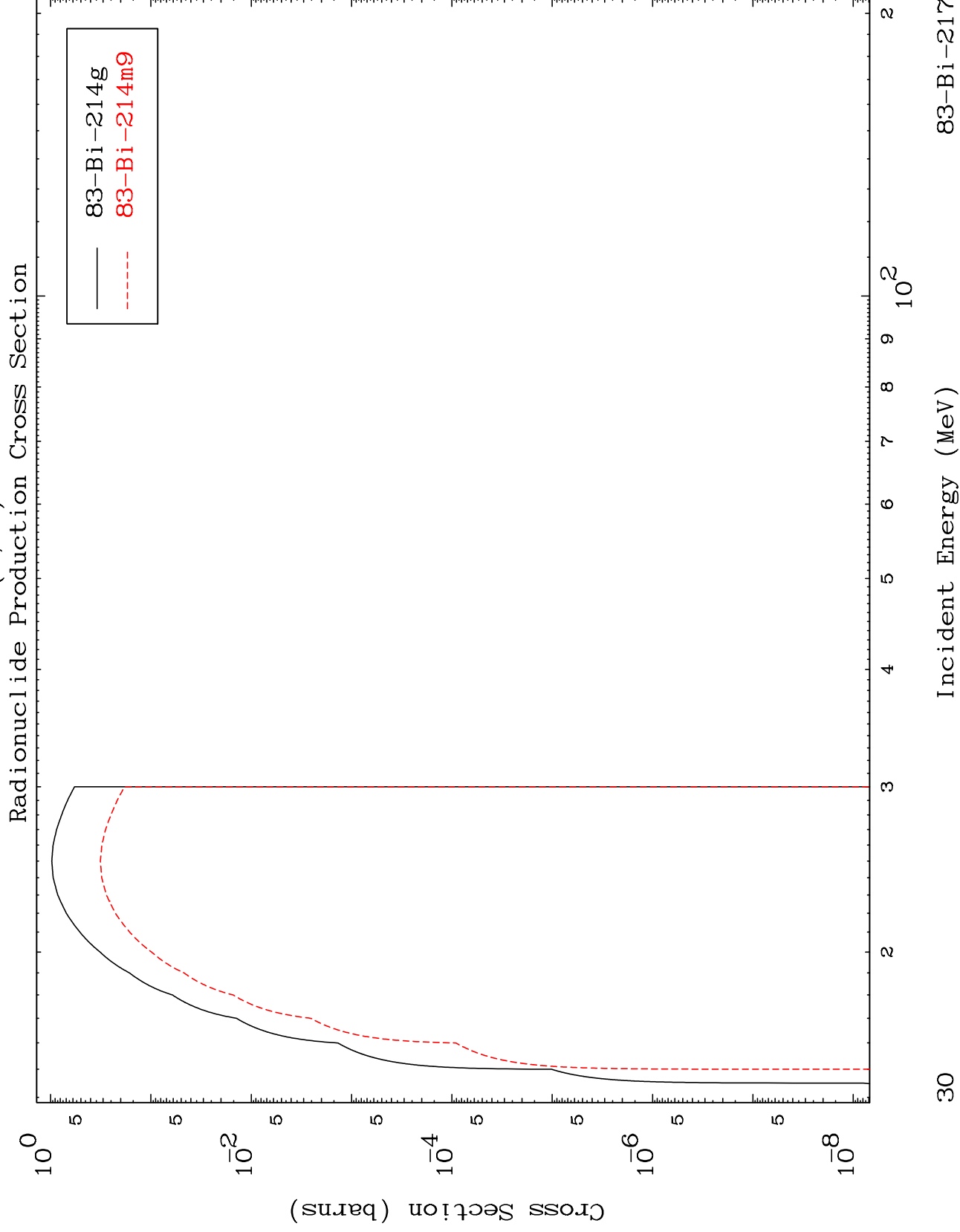
Incident Energy (MeV)

83-Bi-217

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(n,4n)

83-Bi-217



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83-Bi-217