

Program EVALPLOT  
(Version 2021-1)

by

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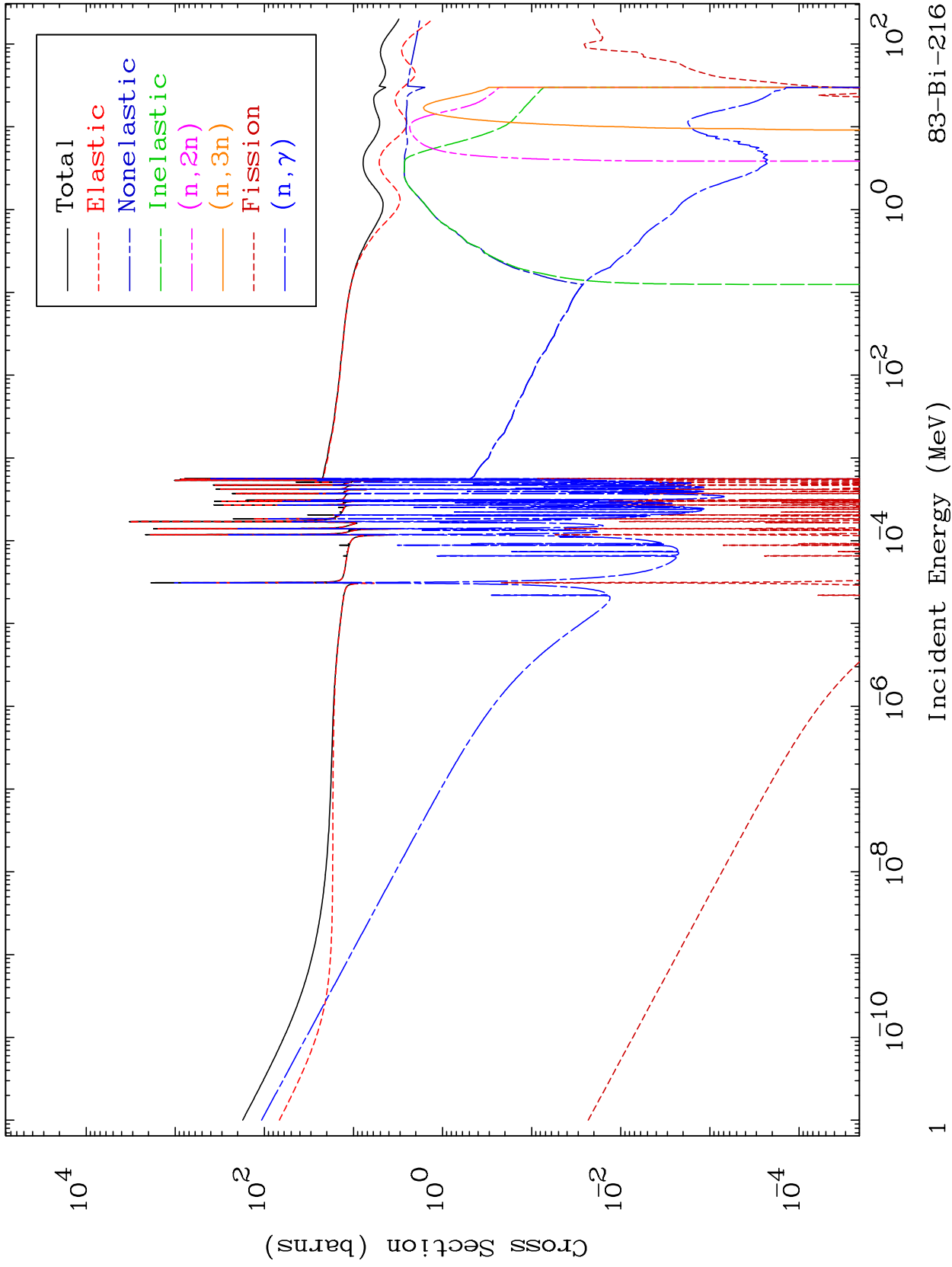
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Press Mouse Button to Start

MAT 8346

Neutron Major  
293 Kelvin Cross Sections

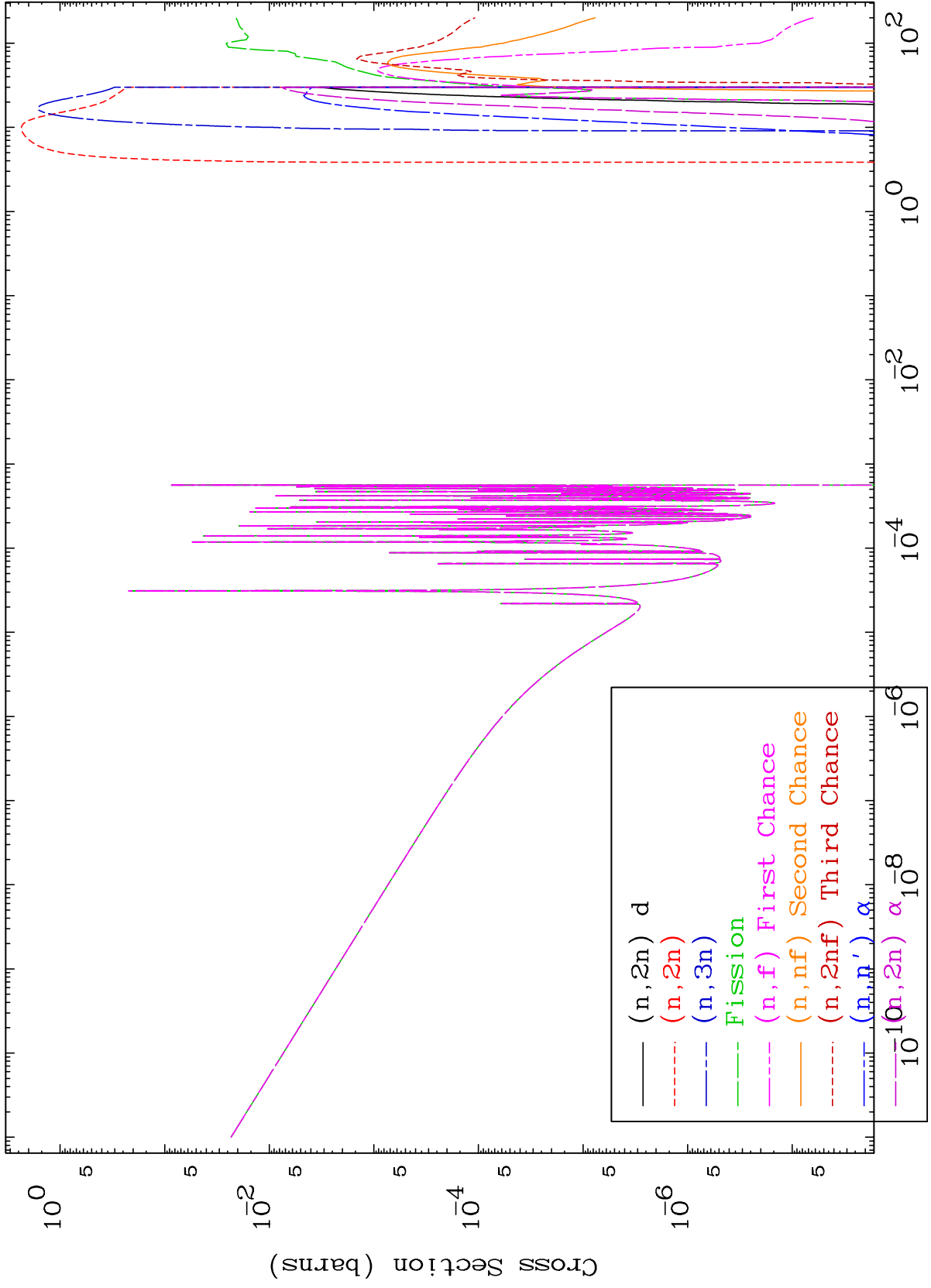
83-Bi-216



MAT 8346

Neutron Absorption  
293 Kelvin Cross Sections

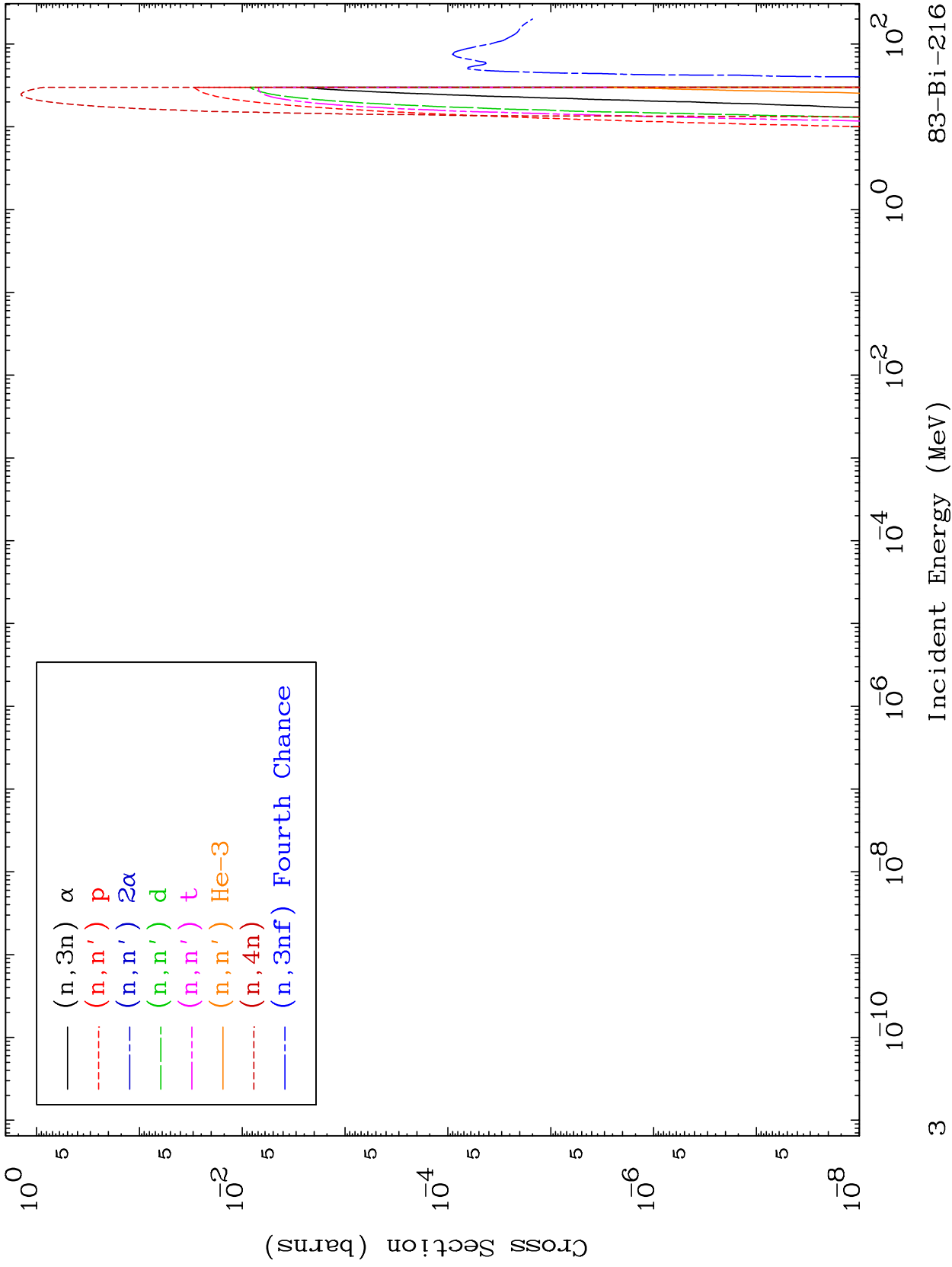
83-Bi-216



MAT 8346

Neutron Absorption  
293 Kelvin Cross Sections

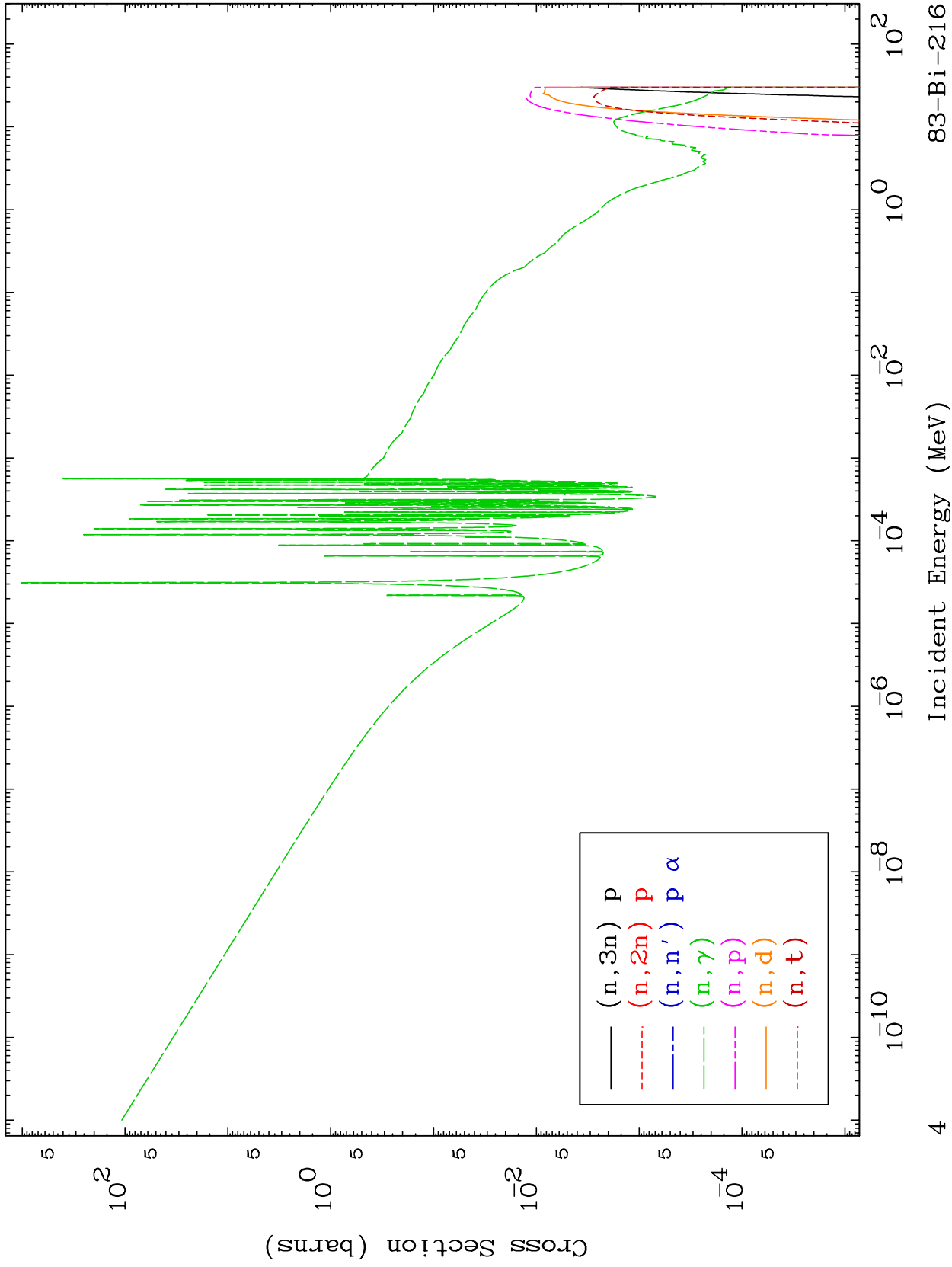
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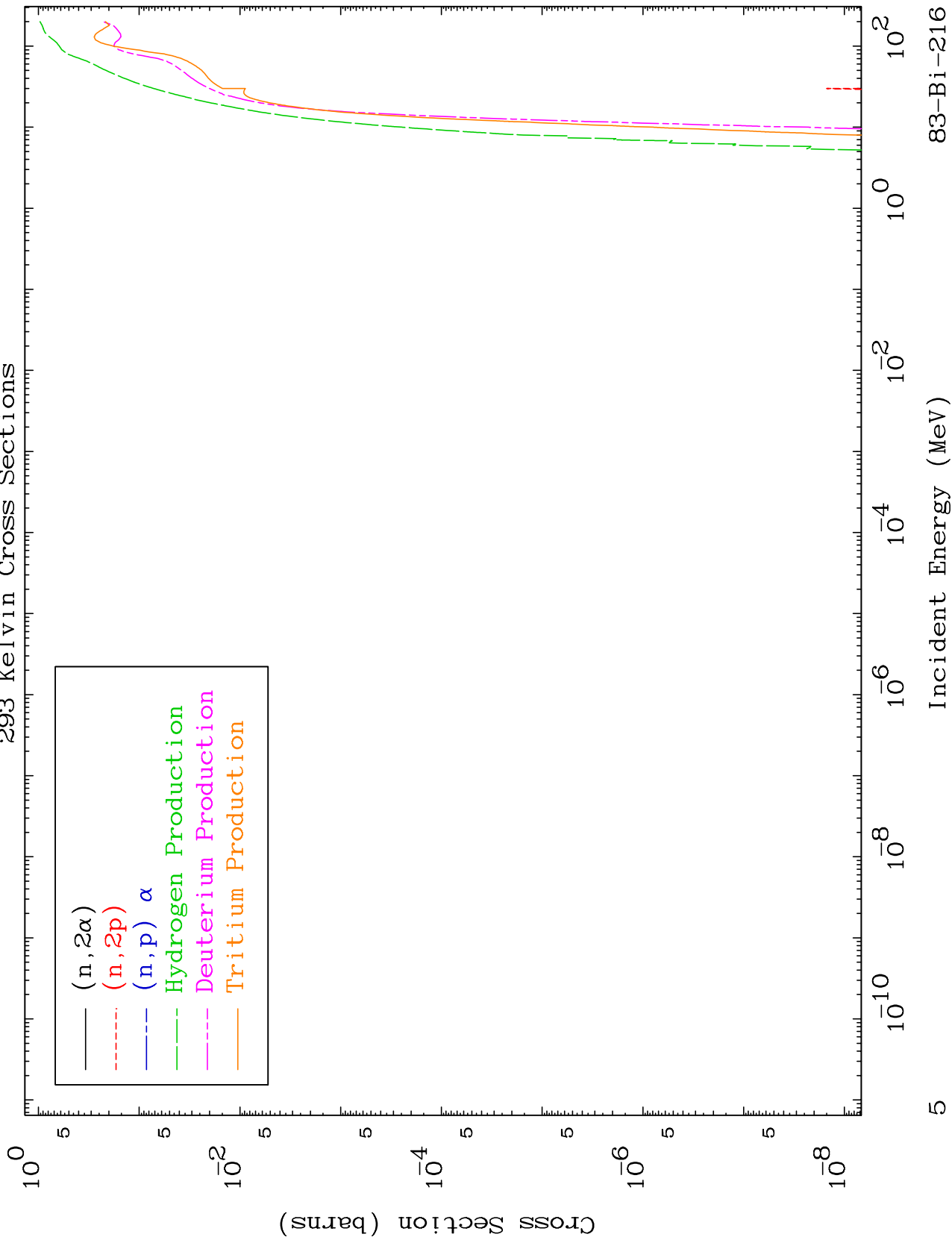


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Neutron Absorption  
293 Kelvin Cross Sections

83-Bi-216

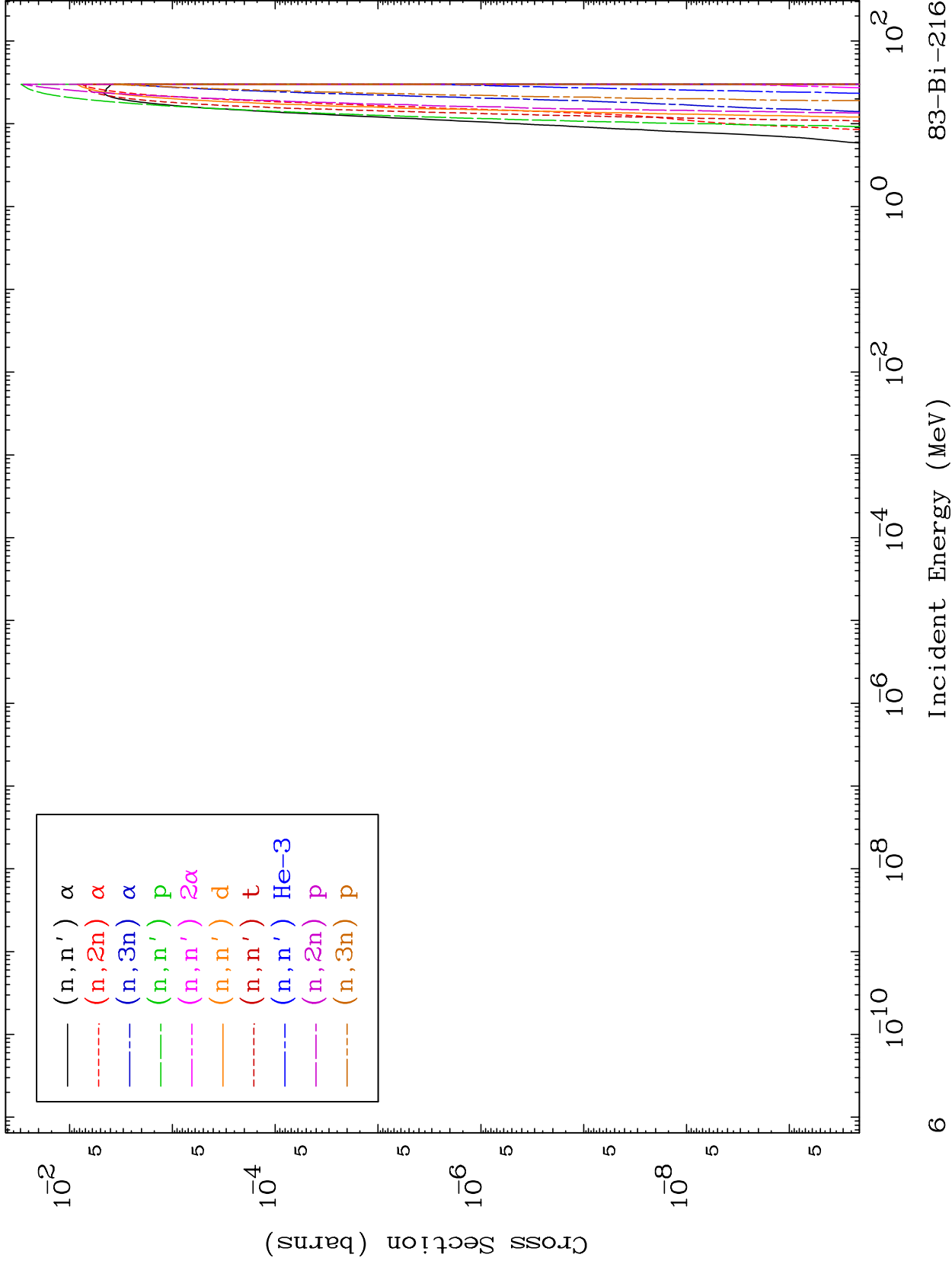




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Charged Particle  
293 Kelvin Cross Sections

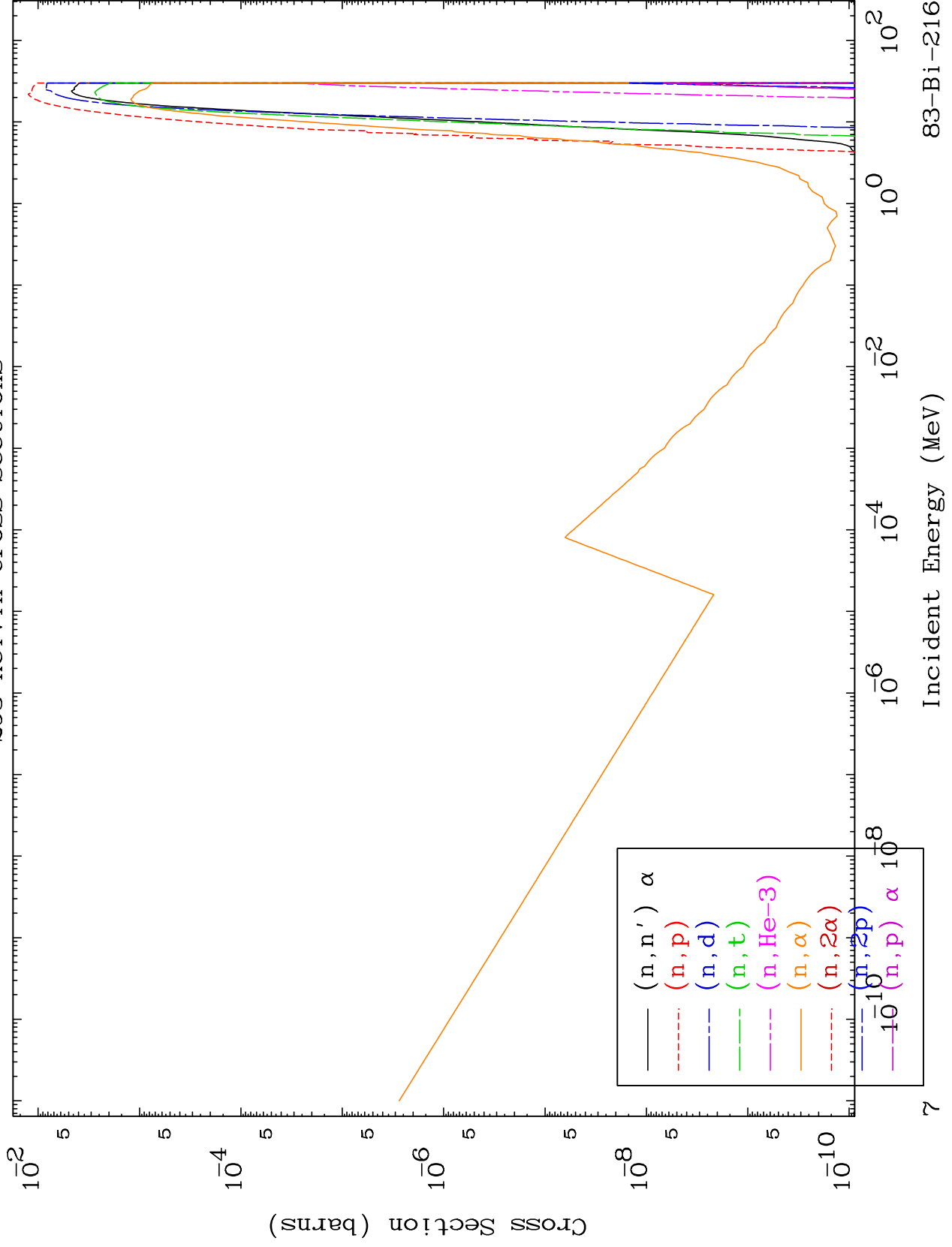
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Charged Particle  
293 Kelvin Cross Sections

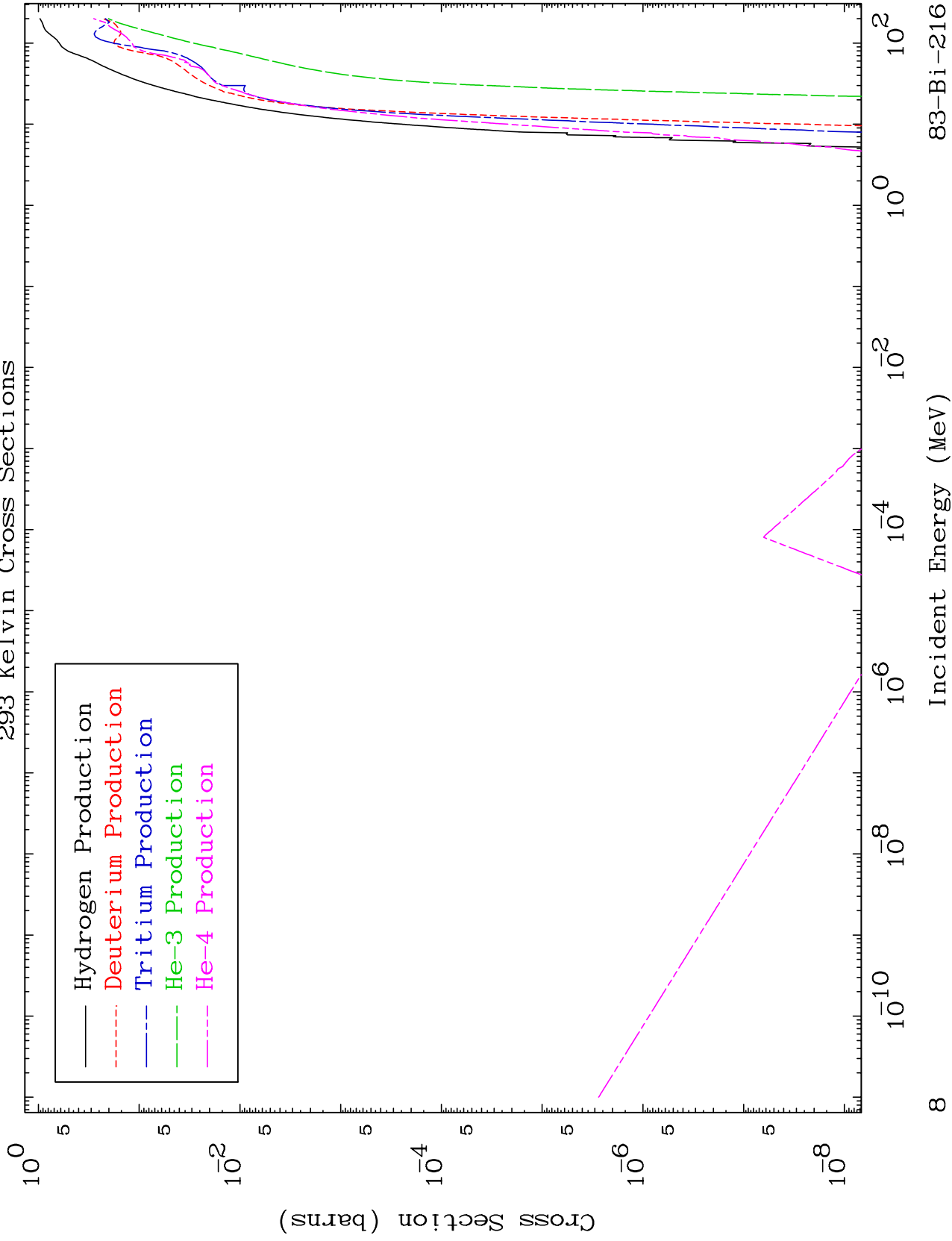
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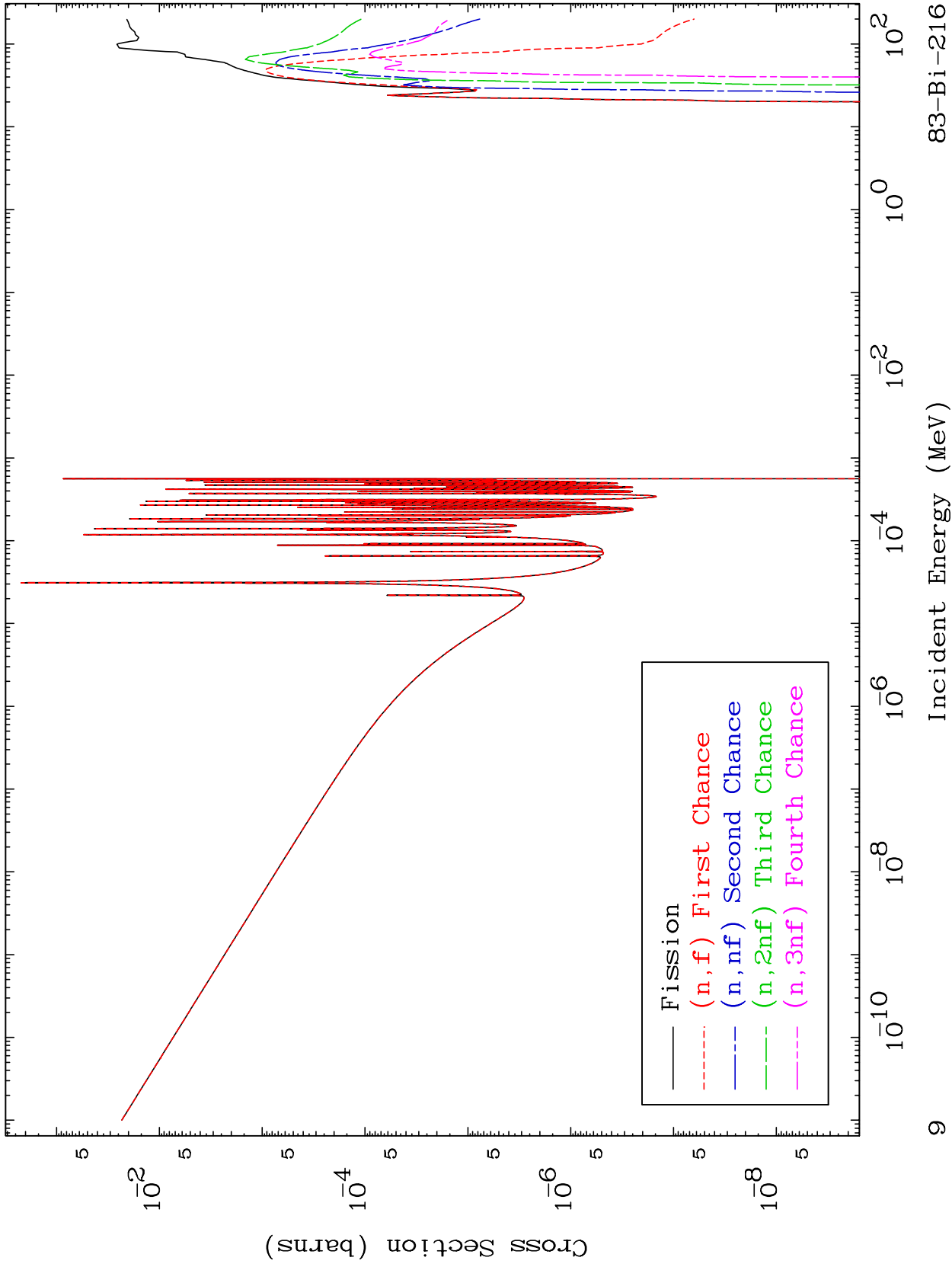


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Particle Production  
293 Kelvin Cross Sections

83-Bi-216



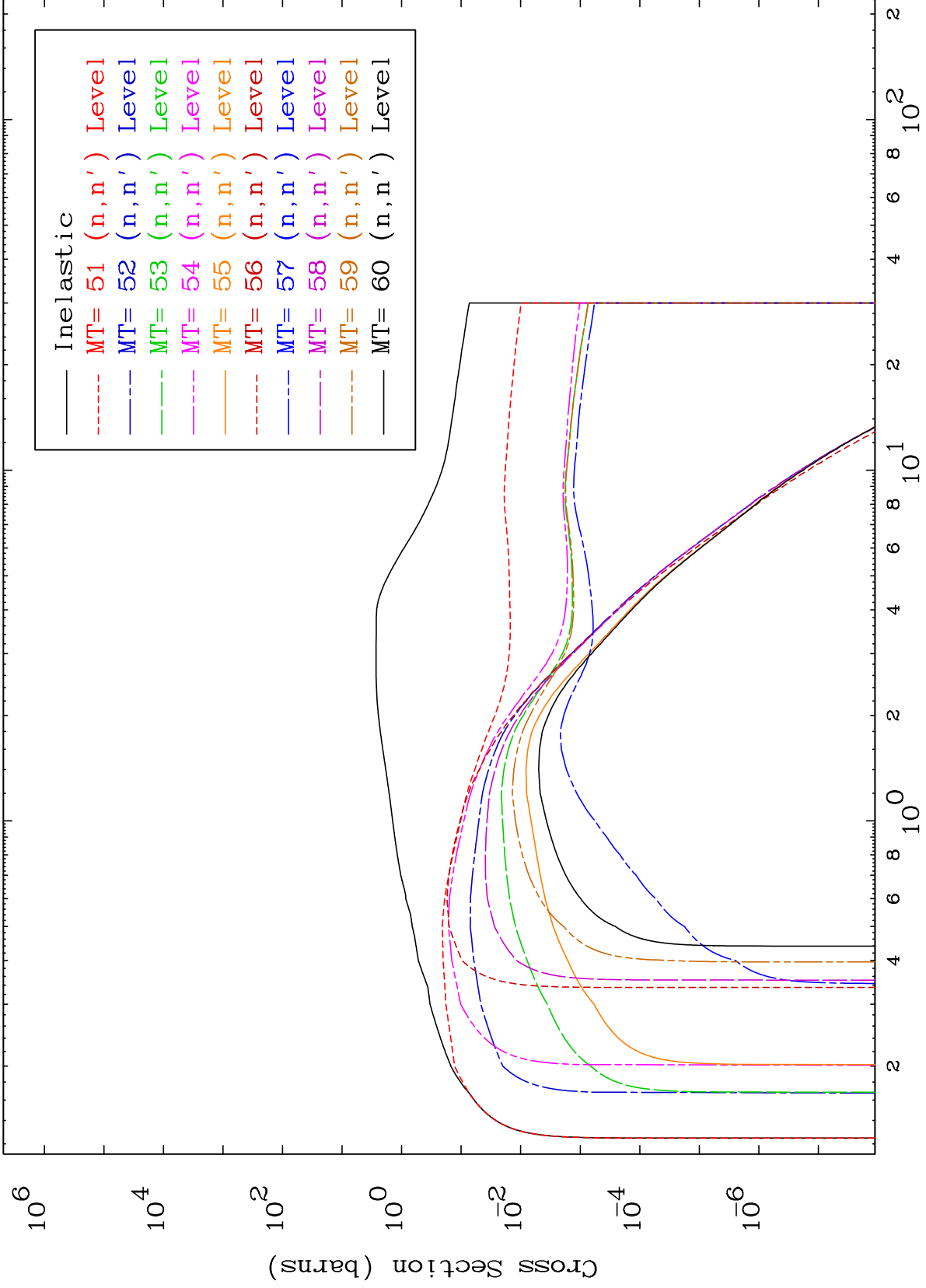


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(n,n') Levels

83-Bi-216

293 Kelvin Cross Sections

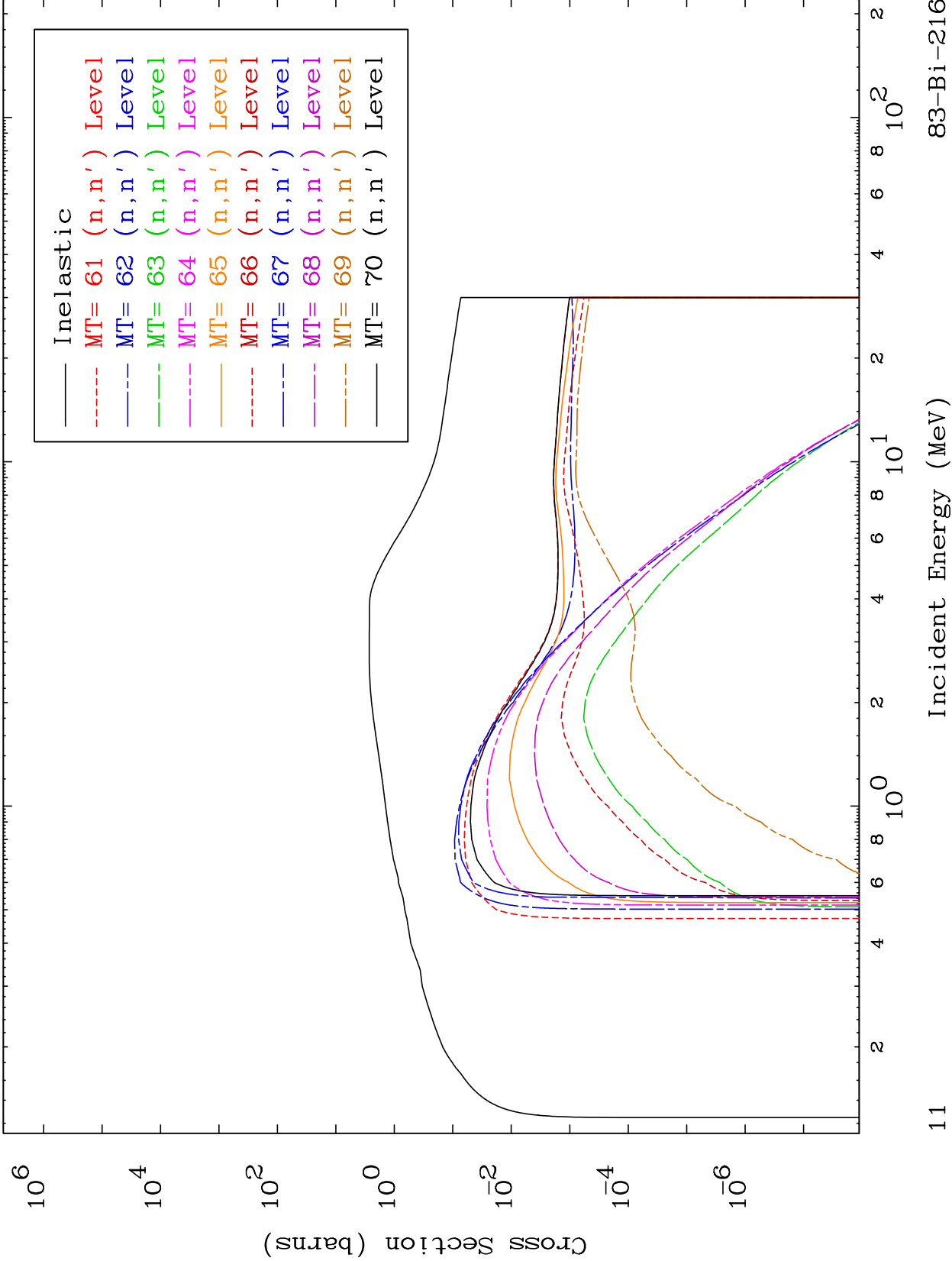


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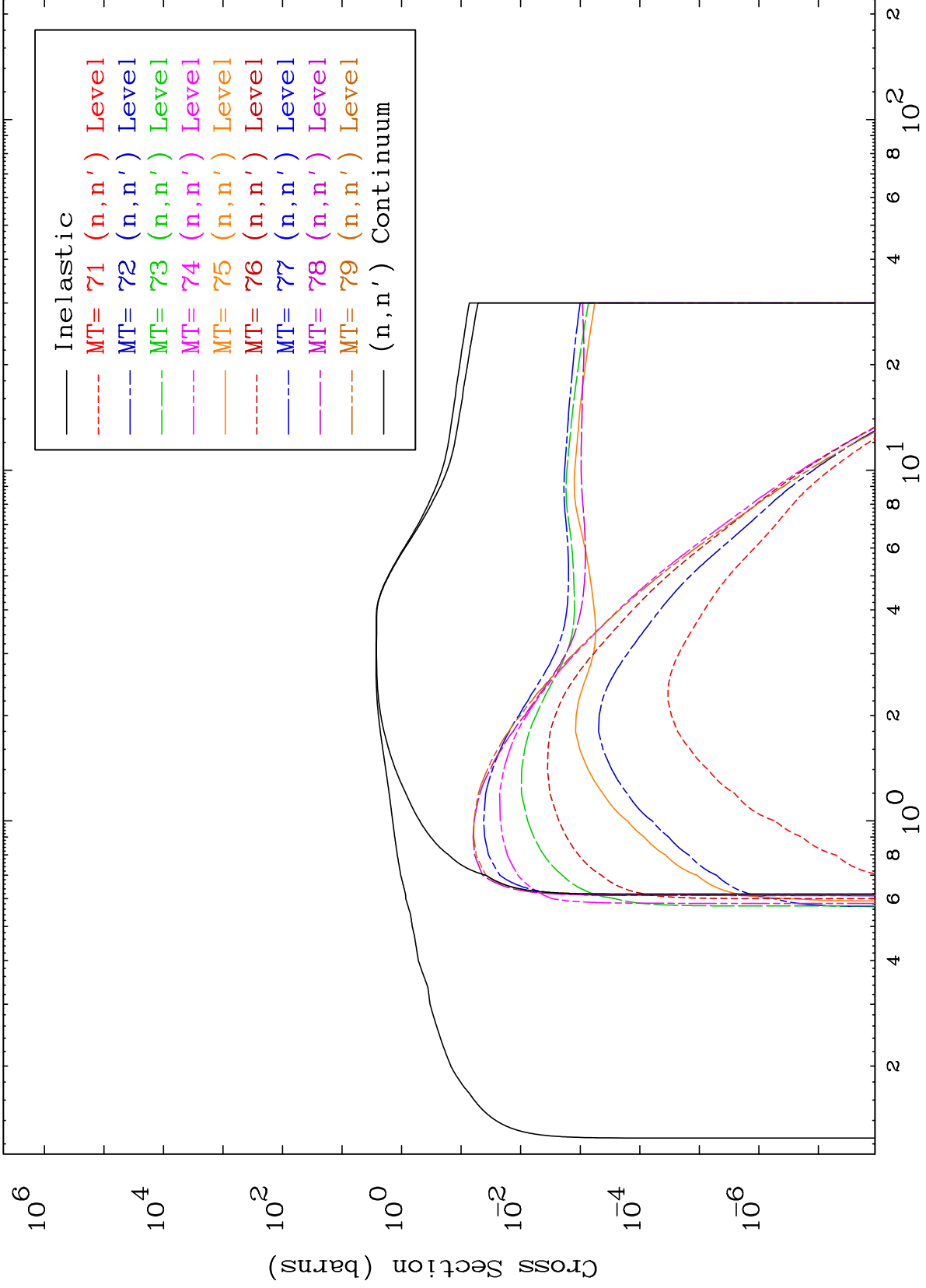
Incident Energy (MeV)

83-Bi-216

293 Kelvin Cross Sections



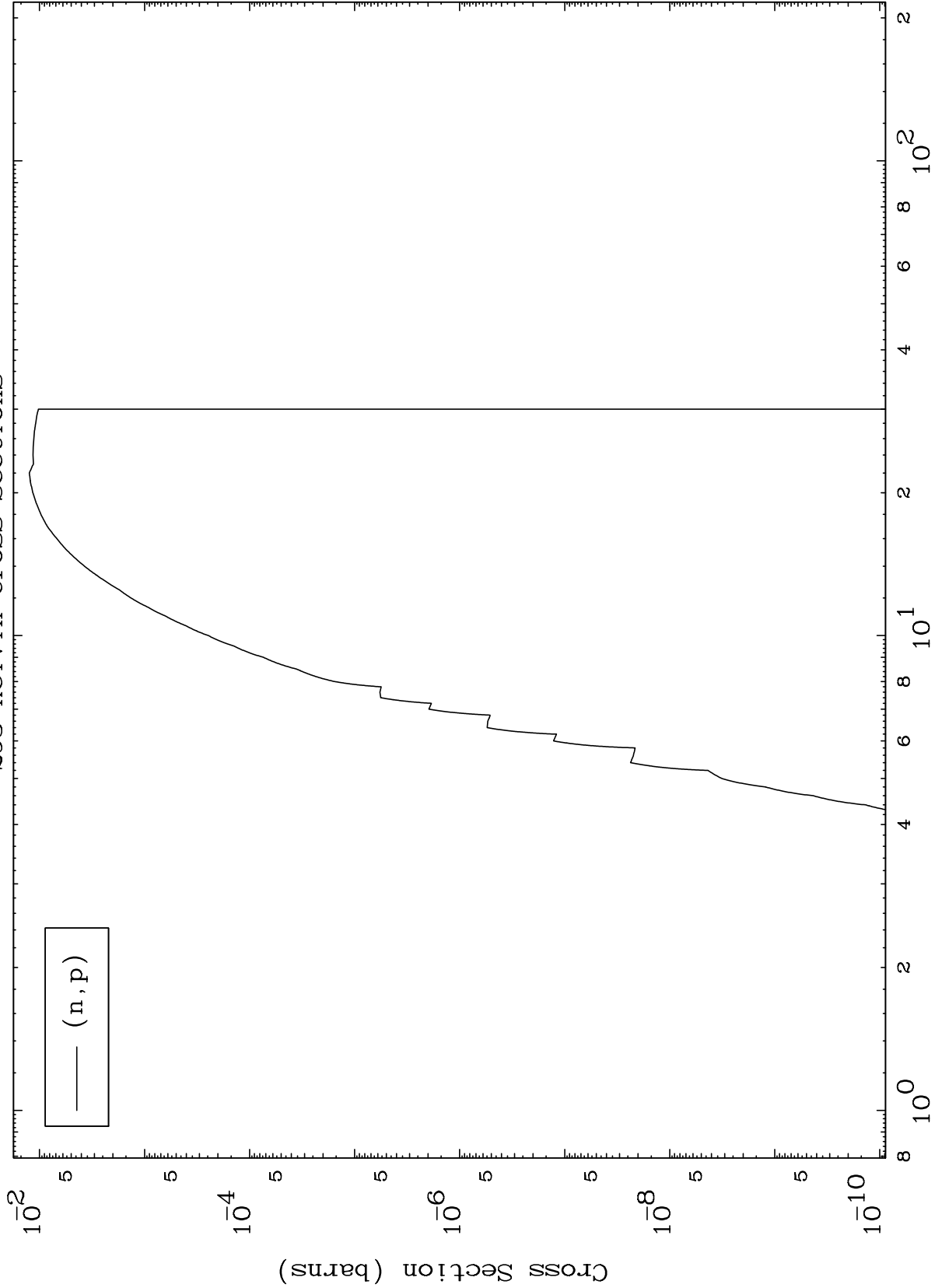
293 Kelvin Cross Sections



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83-Bi-216

(n,p) Levels  
293 Kelvin Cross Sections



13

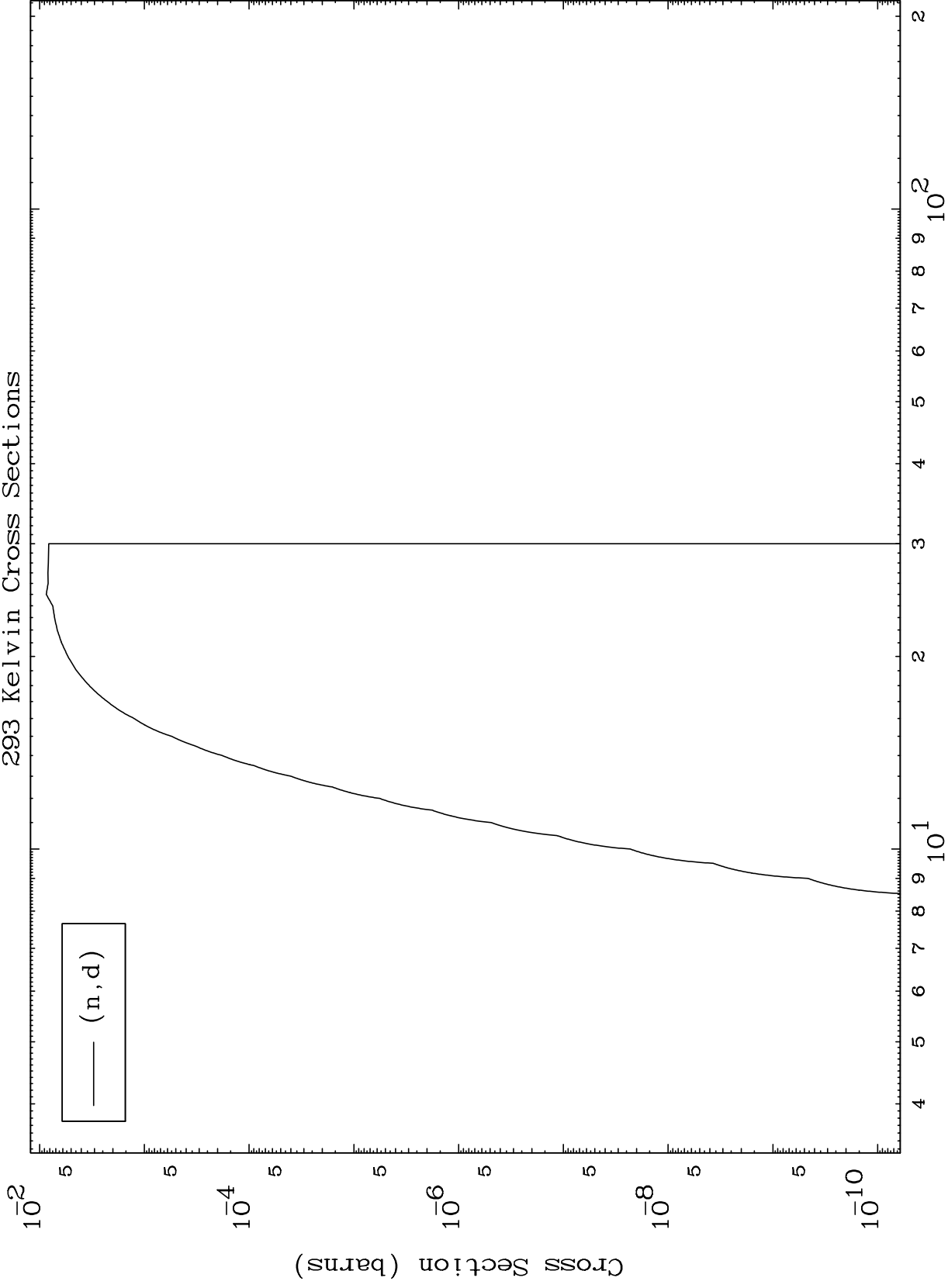
Incident Energy (MeV)

83-Bi-216

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(n,d) Levels  
293 Kelvin Cross Sections

83-Bi-216



14

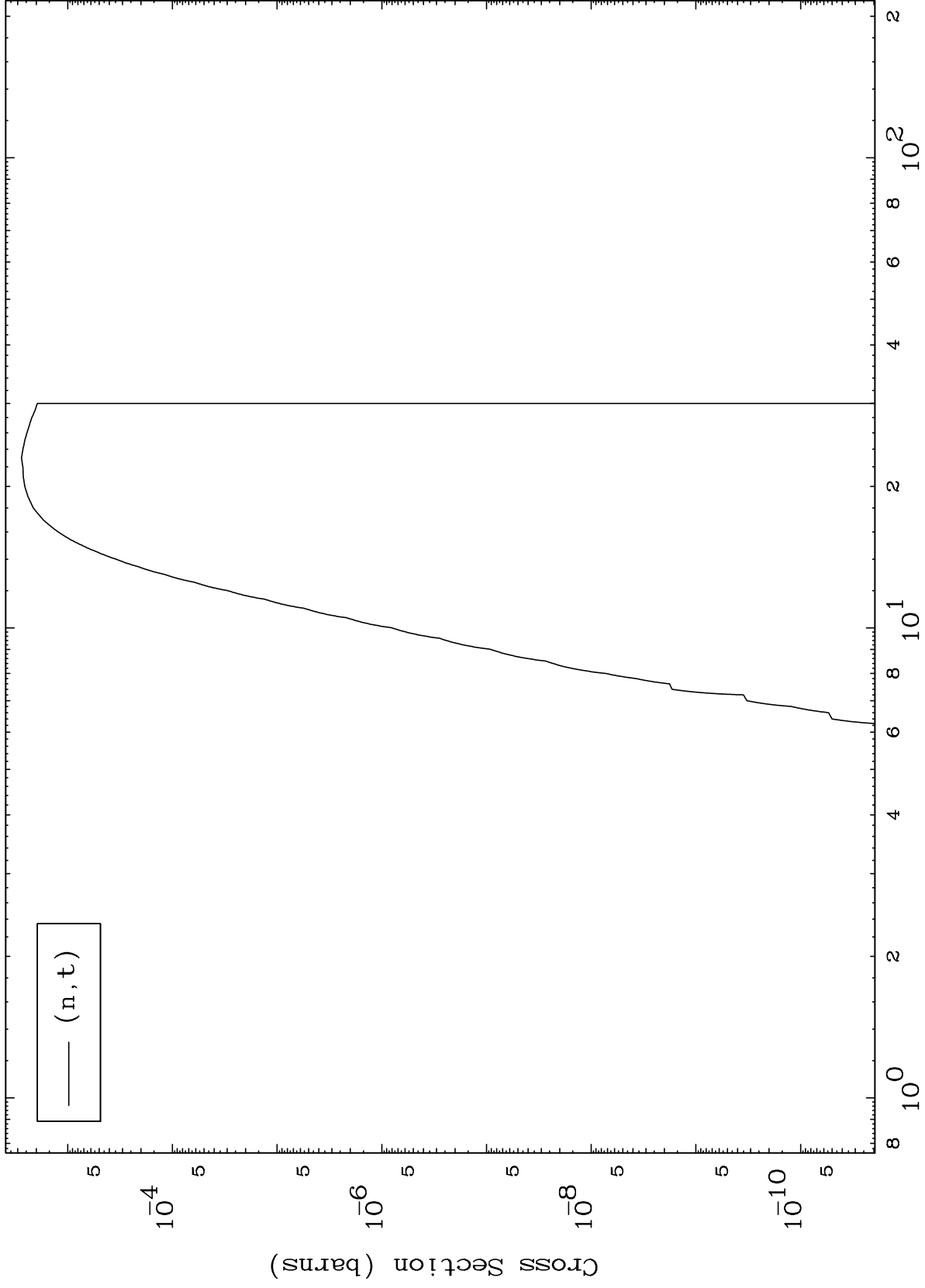
Incident Energy (MeV)

83-Bi-216

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(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-216



(n,t)

Incident Energy (MeV)

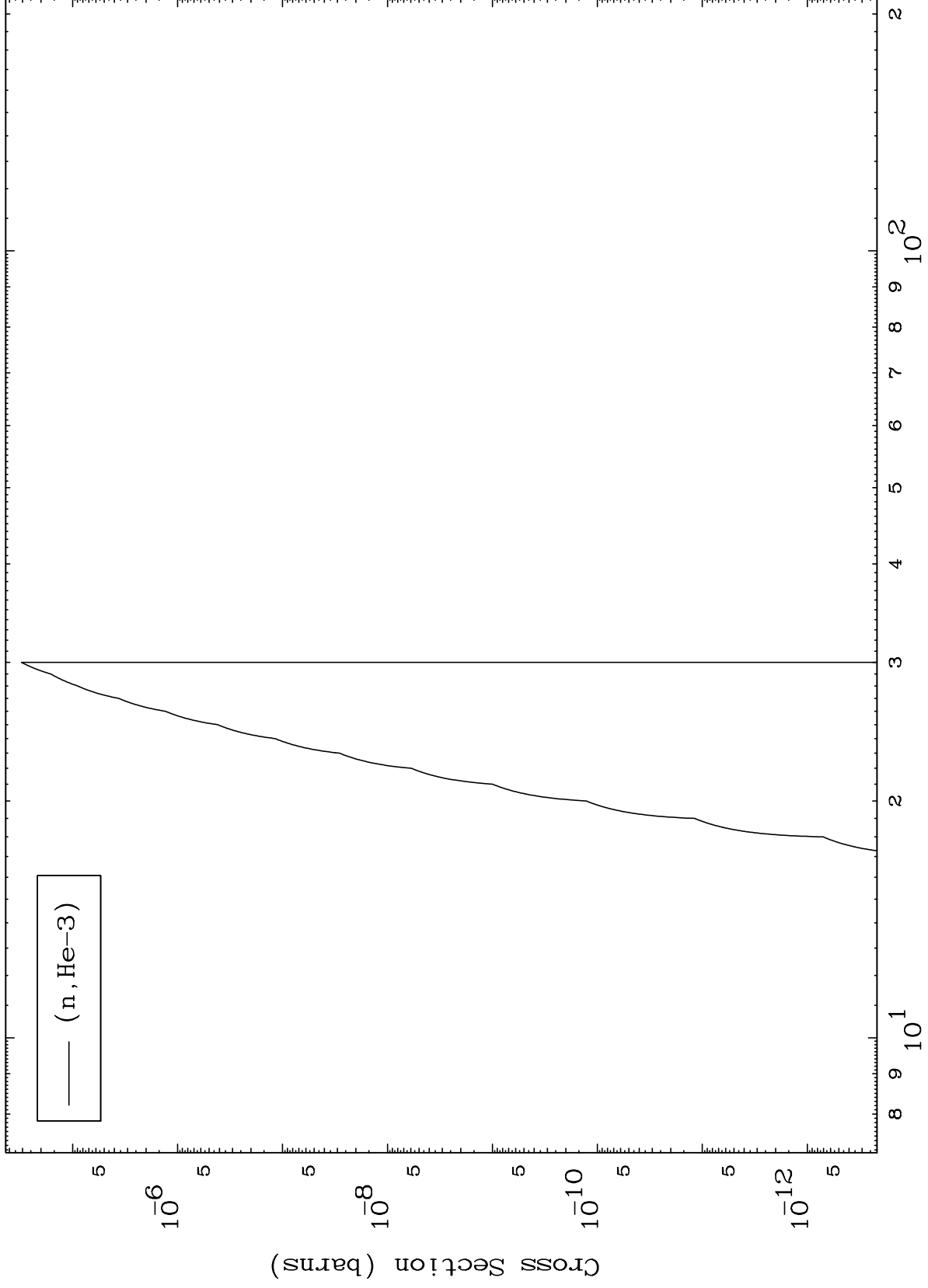
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15

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(n,He3) Levels  
293 Kelvin Cross Sections

83-Bi-216



16

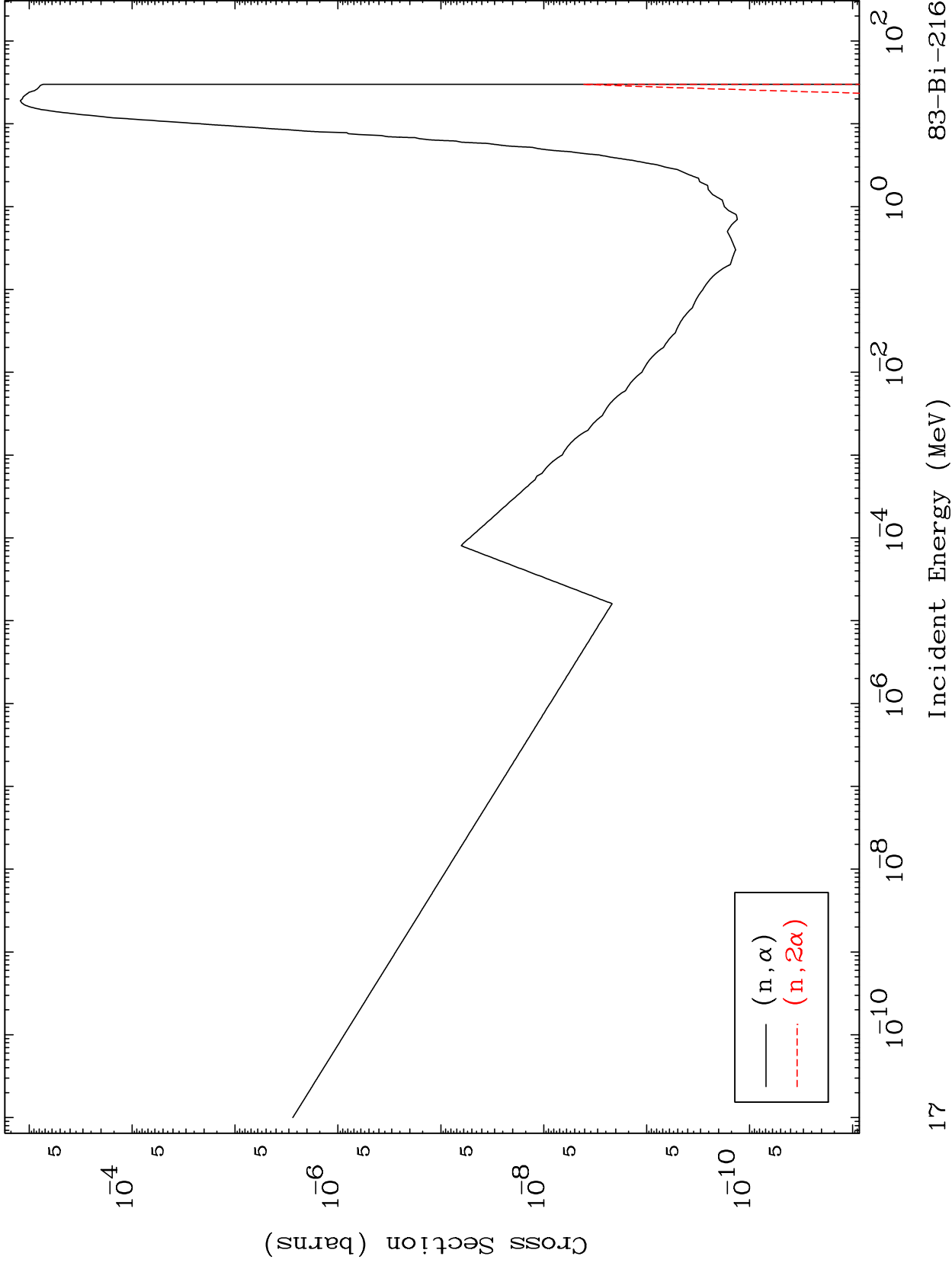
Incident Energy (MeV)

83-Bi-216

MAT 8346

(n,α) Levels  
293 Kelvin Cross Sections

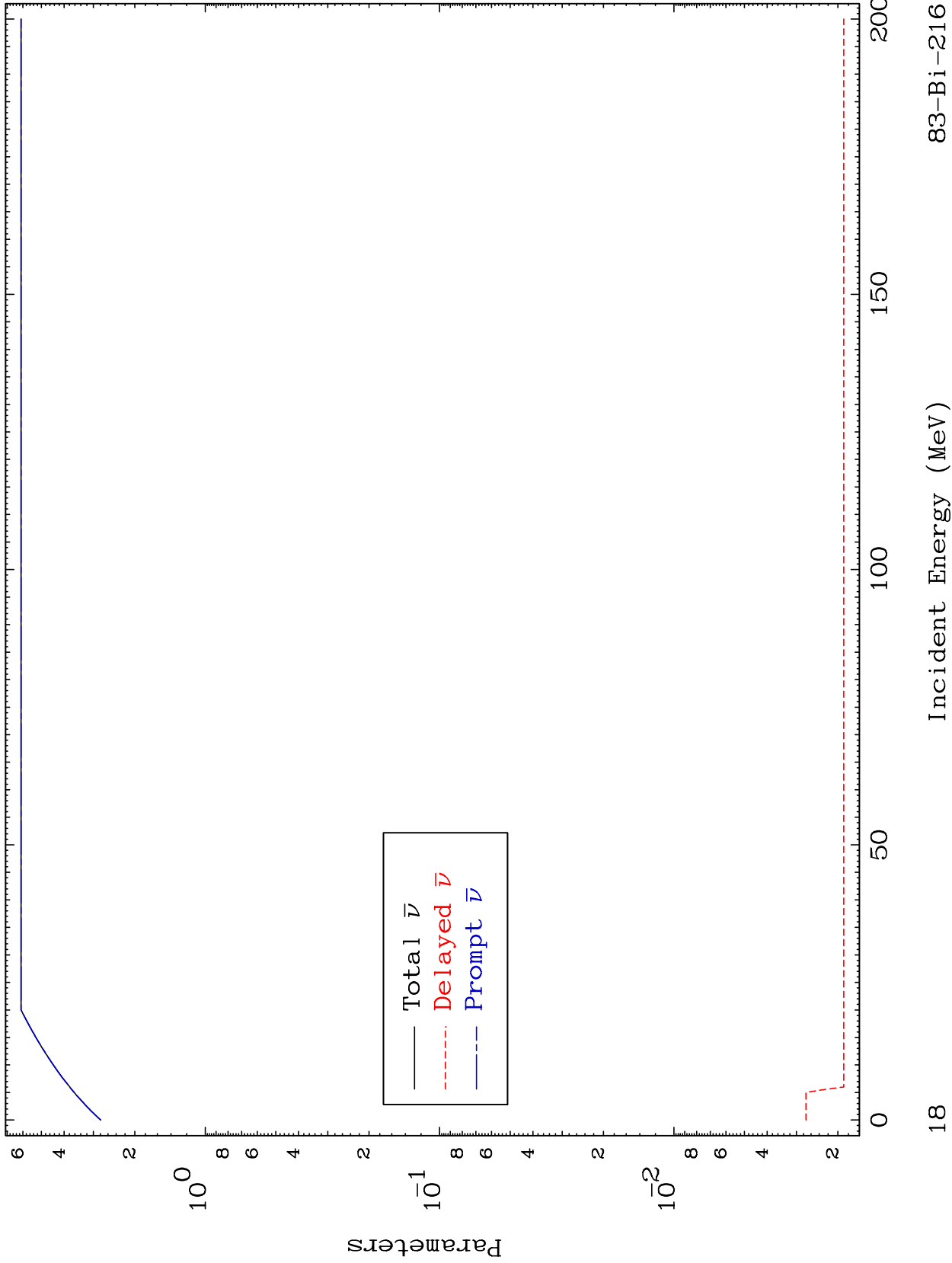
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Energy Release  
Parameters

83-Bi-216



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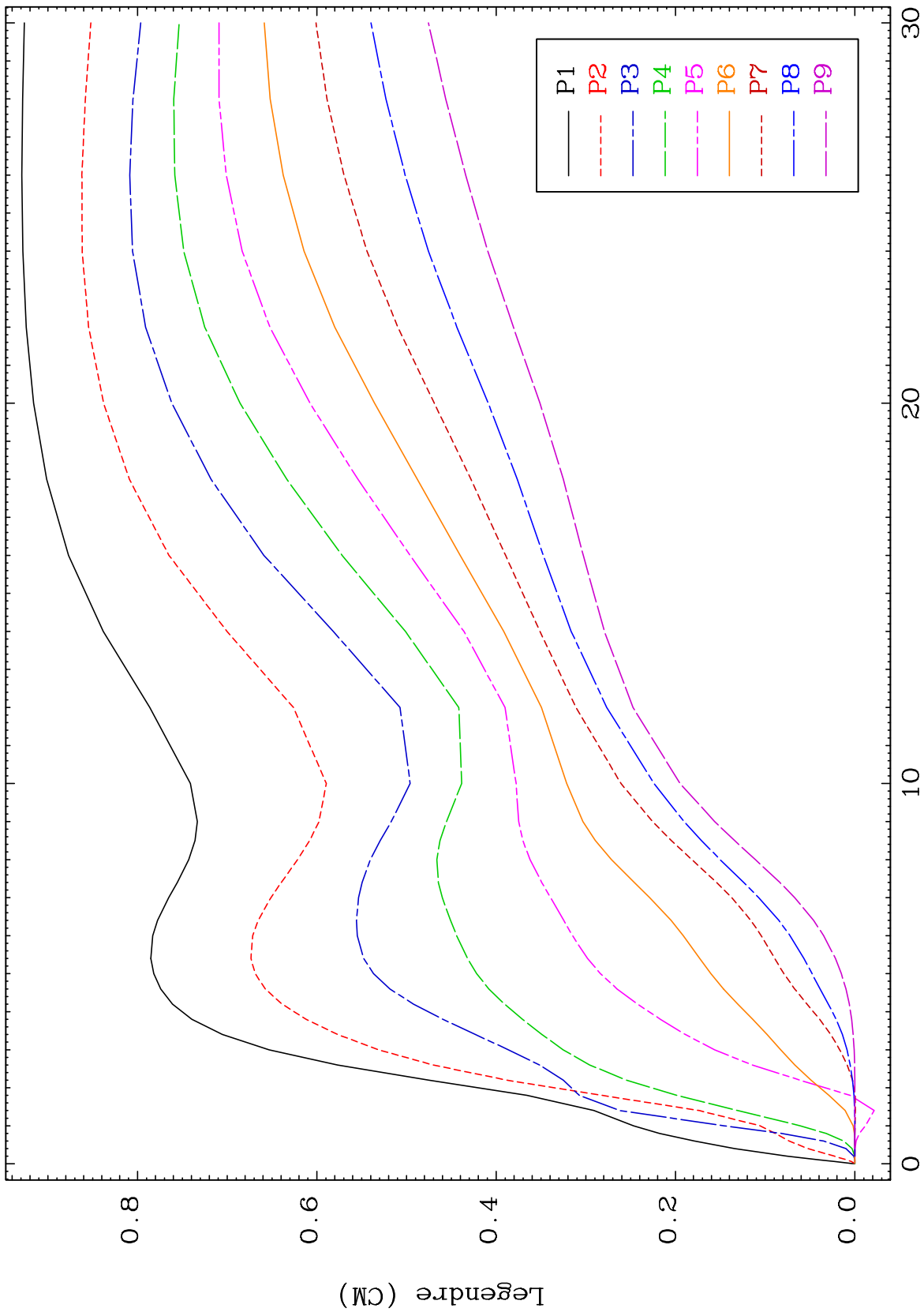
Incident Energy (MeV)

83-Bi-216

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83-Bi-216

Elastic Legendre Coefficients



19

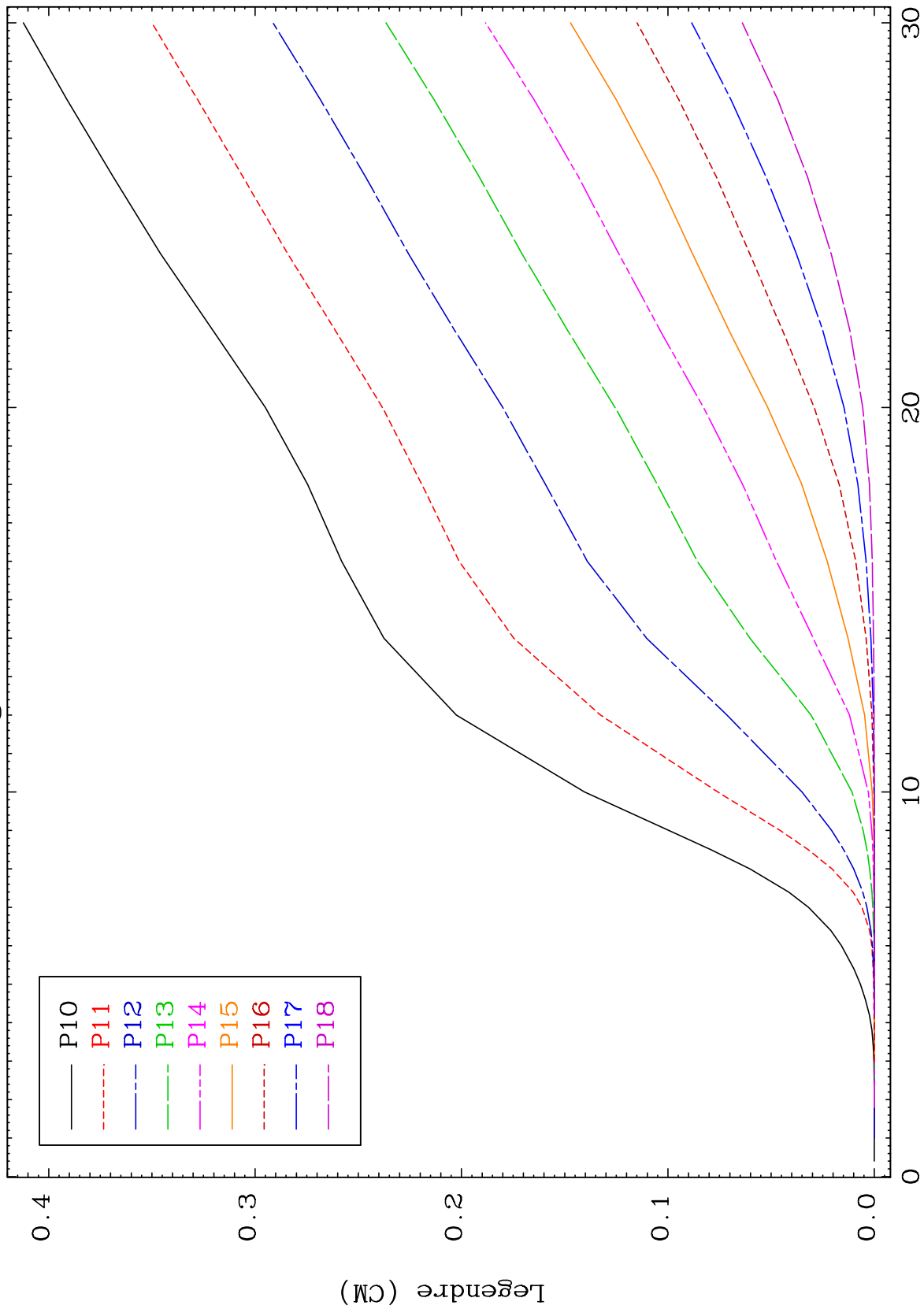
Incident Energy (MeV)

83-Bi-216

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Elastic Legendre Coefficients

83-Bi-216



20

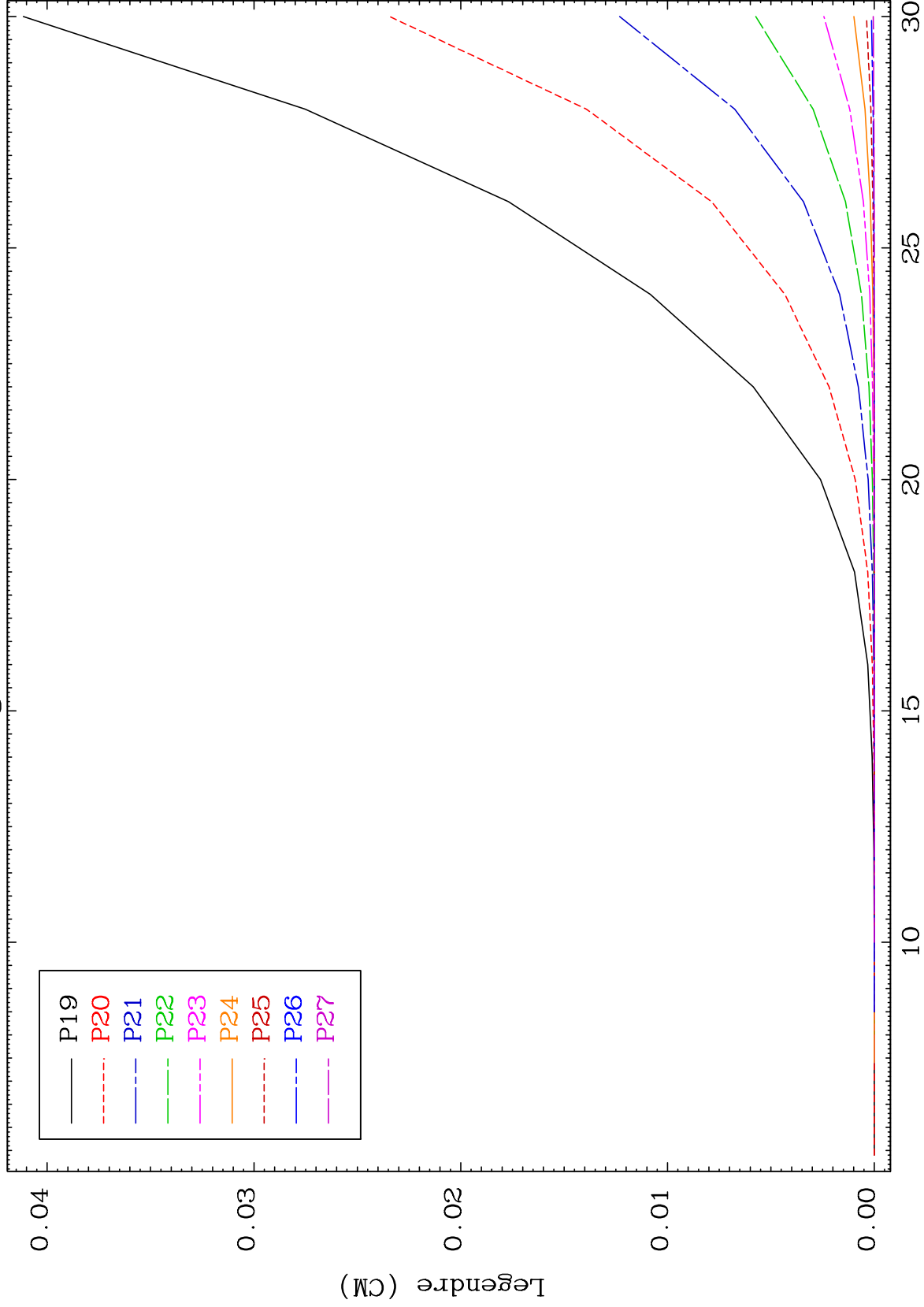
Incident Energy (MeV)

83-Bi-216

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### Elastic Legendre Coefficients

83-Bi-216



21

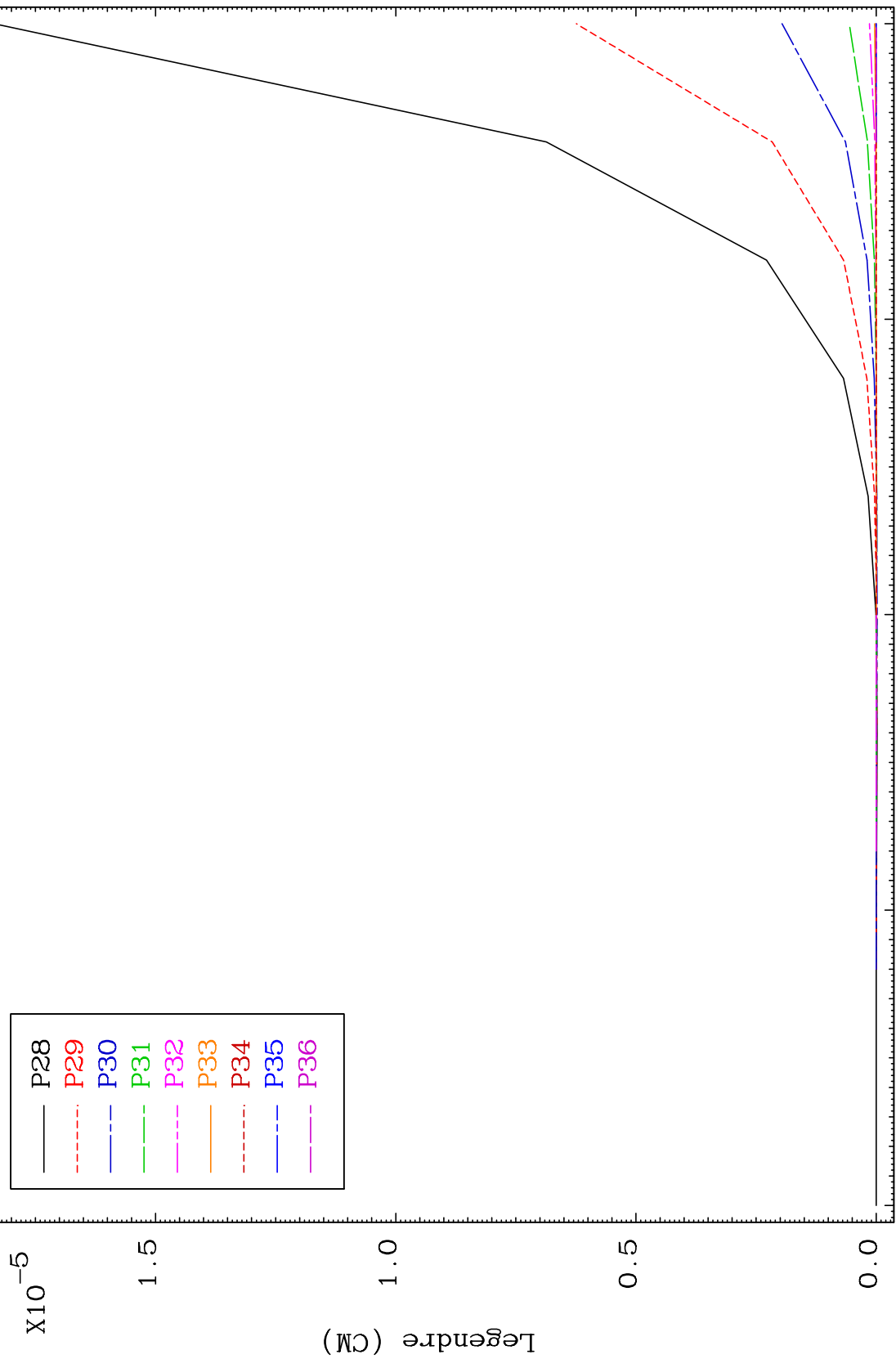
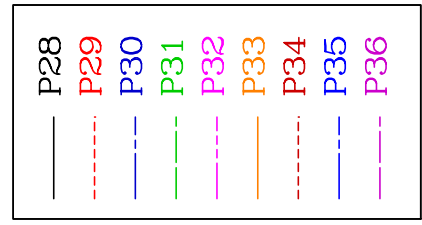
Incident Energy (MeV)

83-Bi-216

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Elastic Legendre Coefficients

83-Bi-216



83-Bi-216

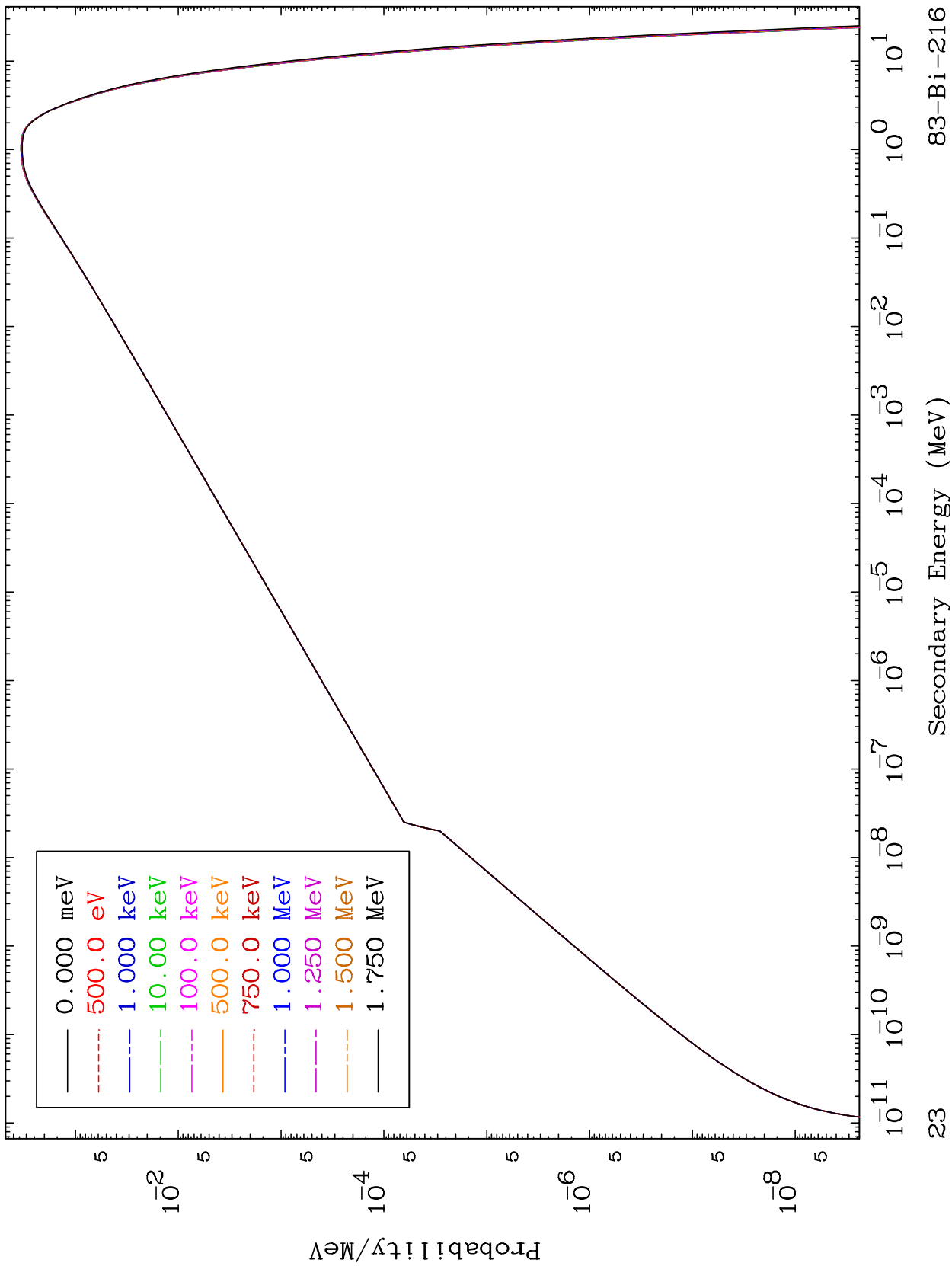
Incident Energy (MeV)

22

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### Fission Energy Distributions

83-Bi-216



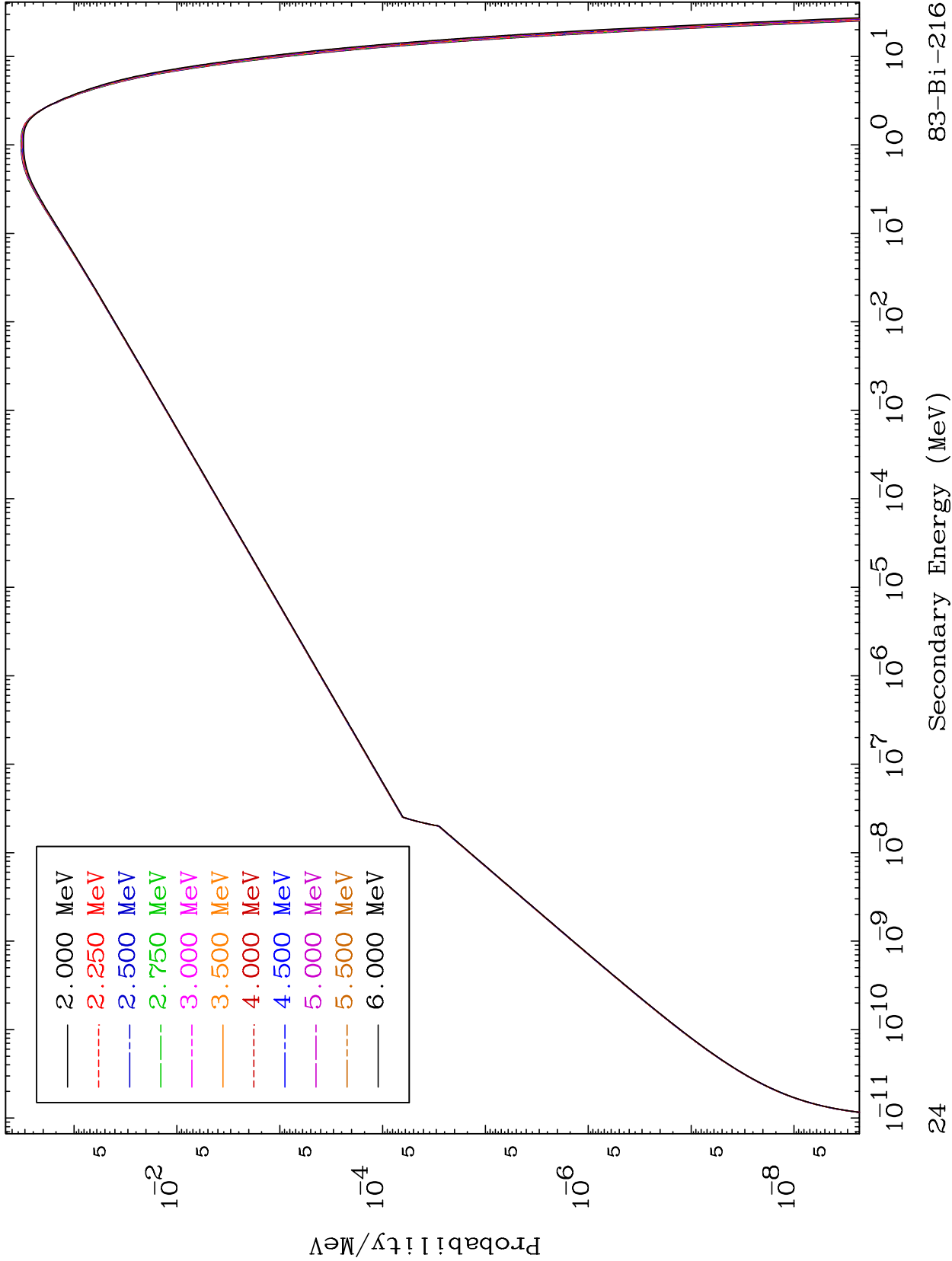
83-Bi-216

Secondary Energy (MeV)

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### Fission Energy Distributions

83-Bi-216

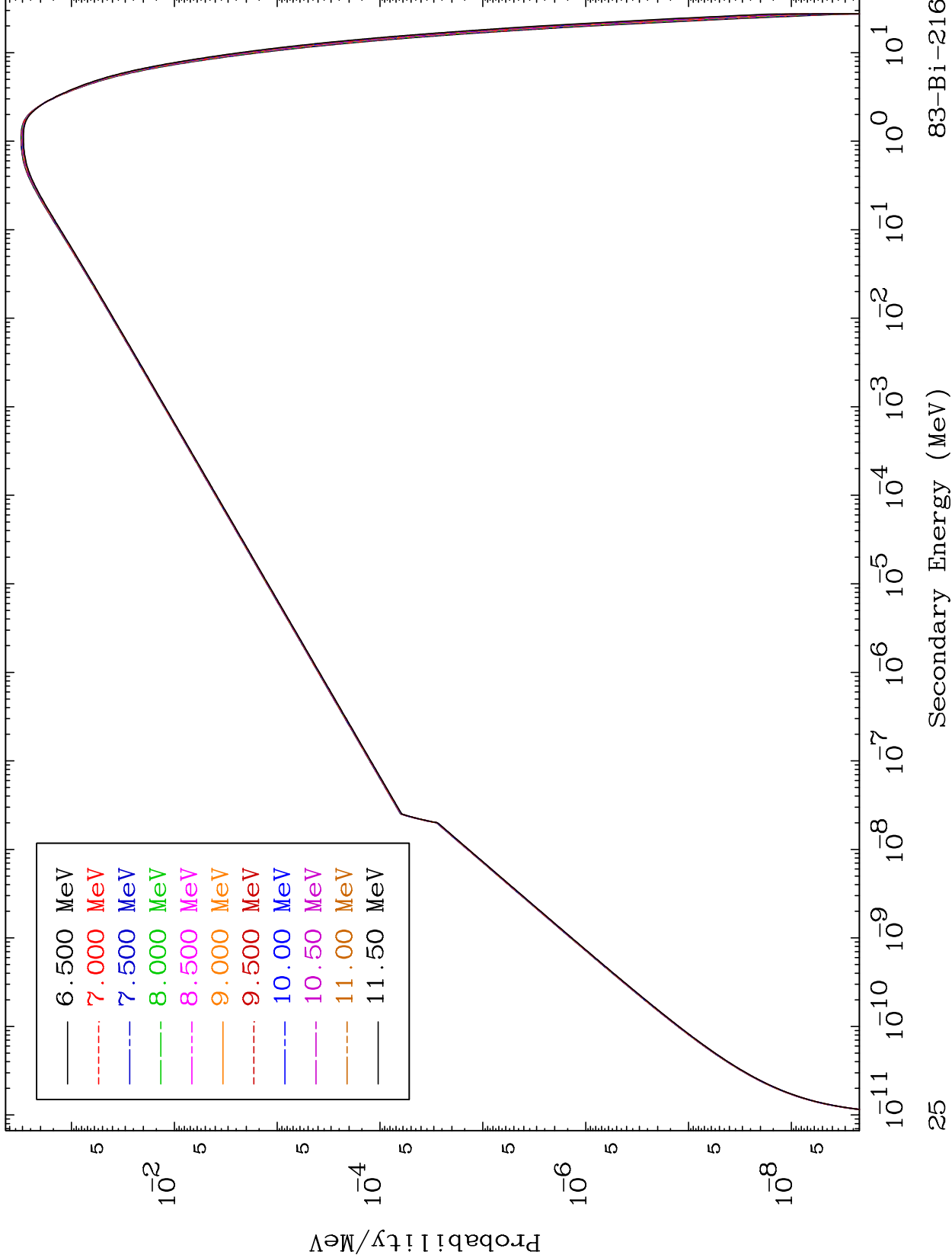


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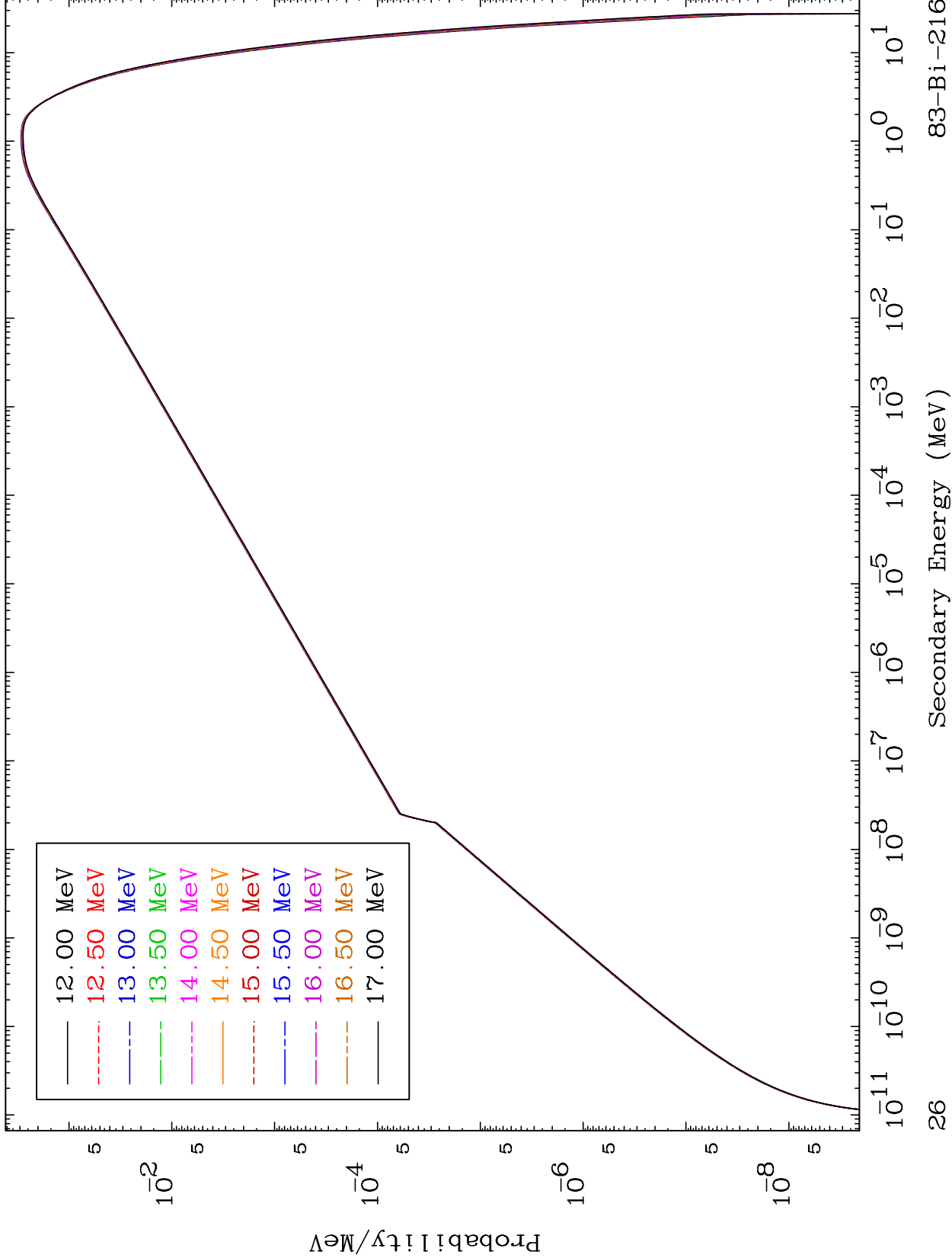
Secondary Energy (MeV)

24

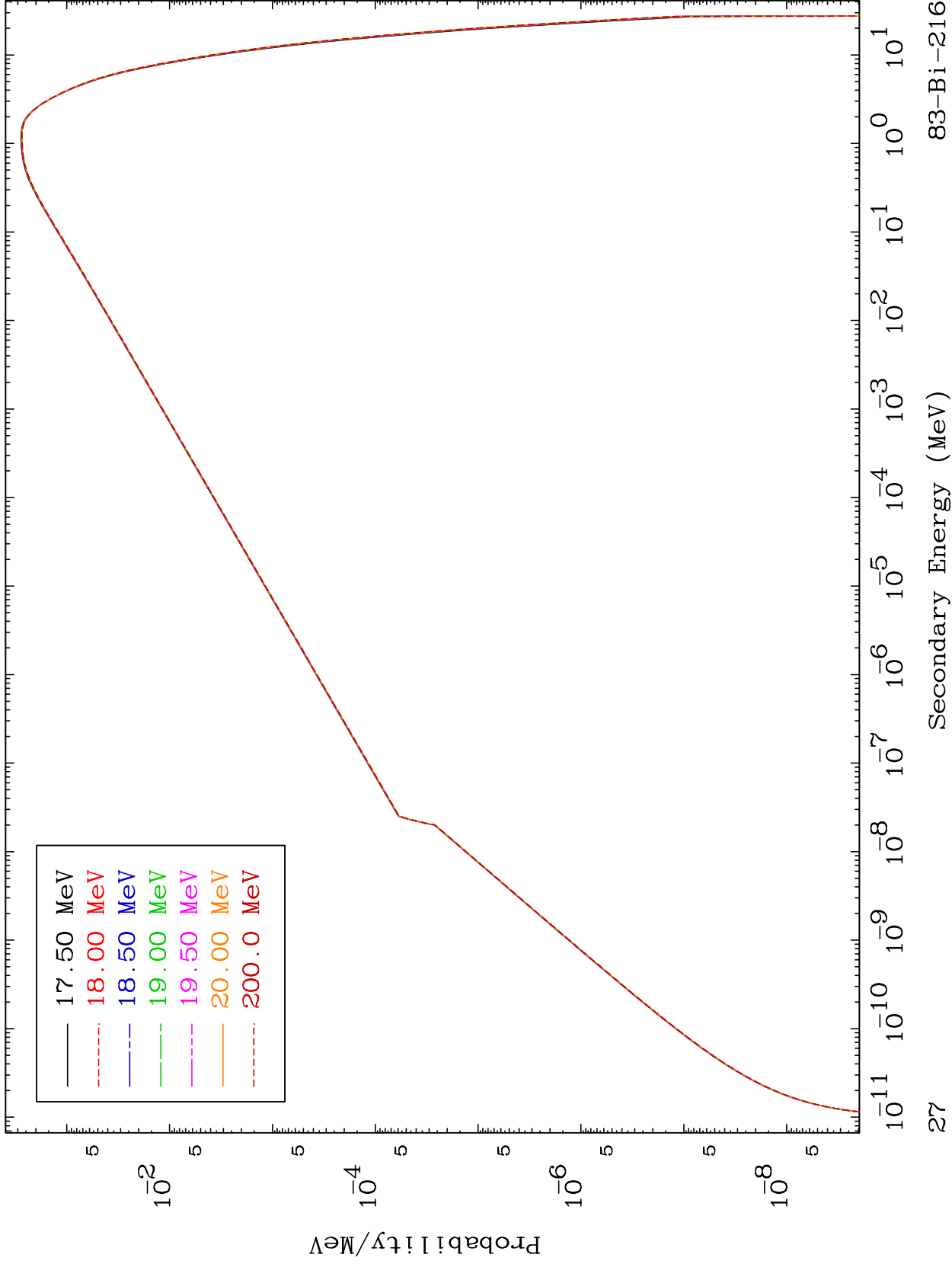
Fission Energy Distributions



Fission Energy Distributions



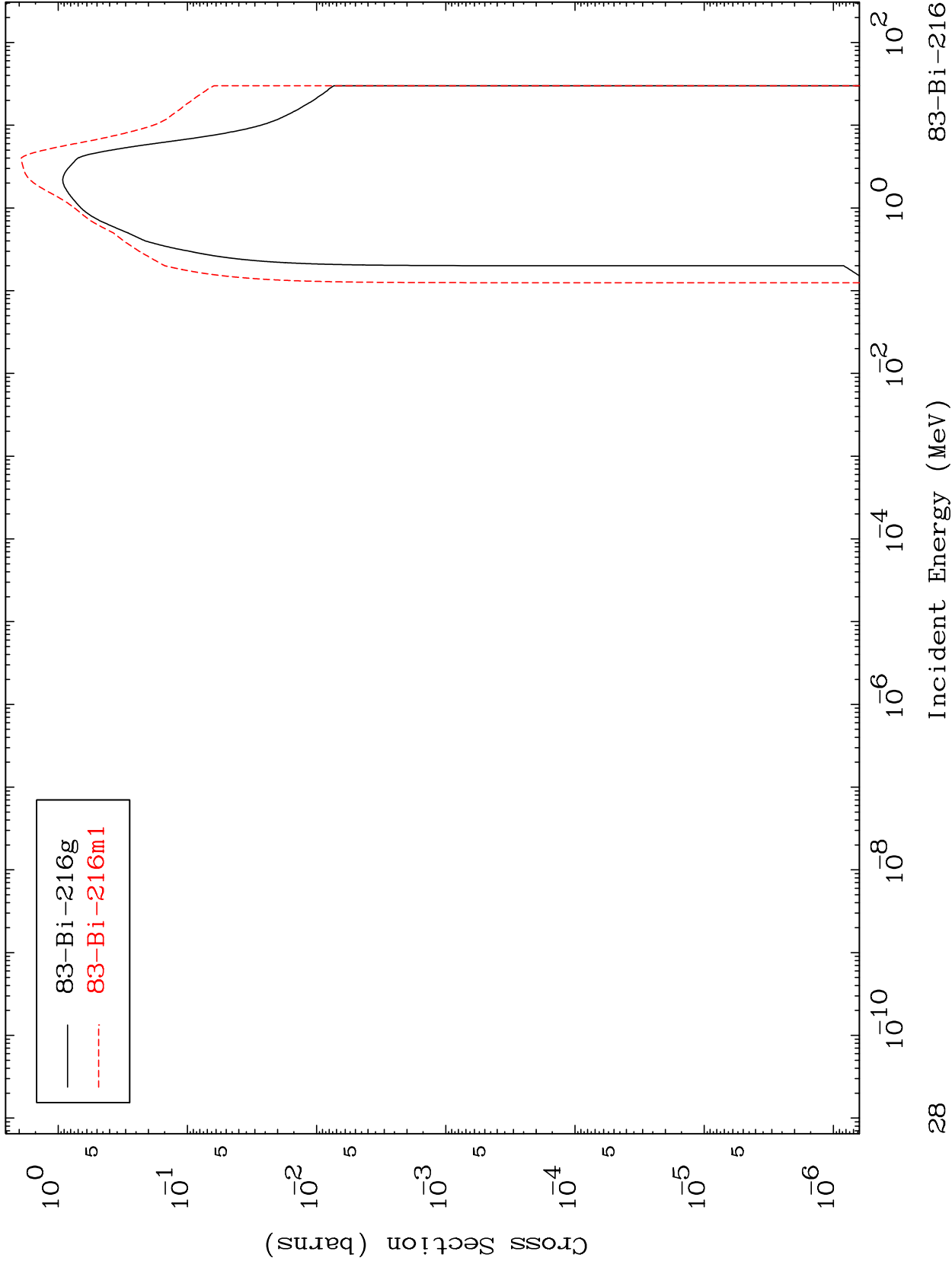
Fission Energy Distributions



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Inelastic  
Radionuclide Production Cross Section

83-Bi-216



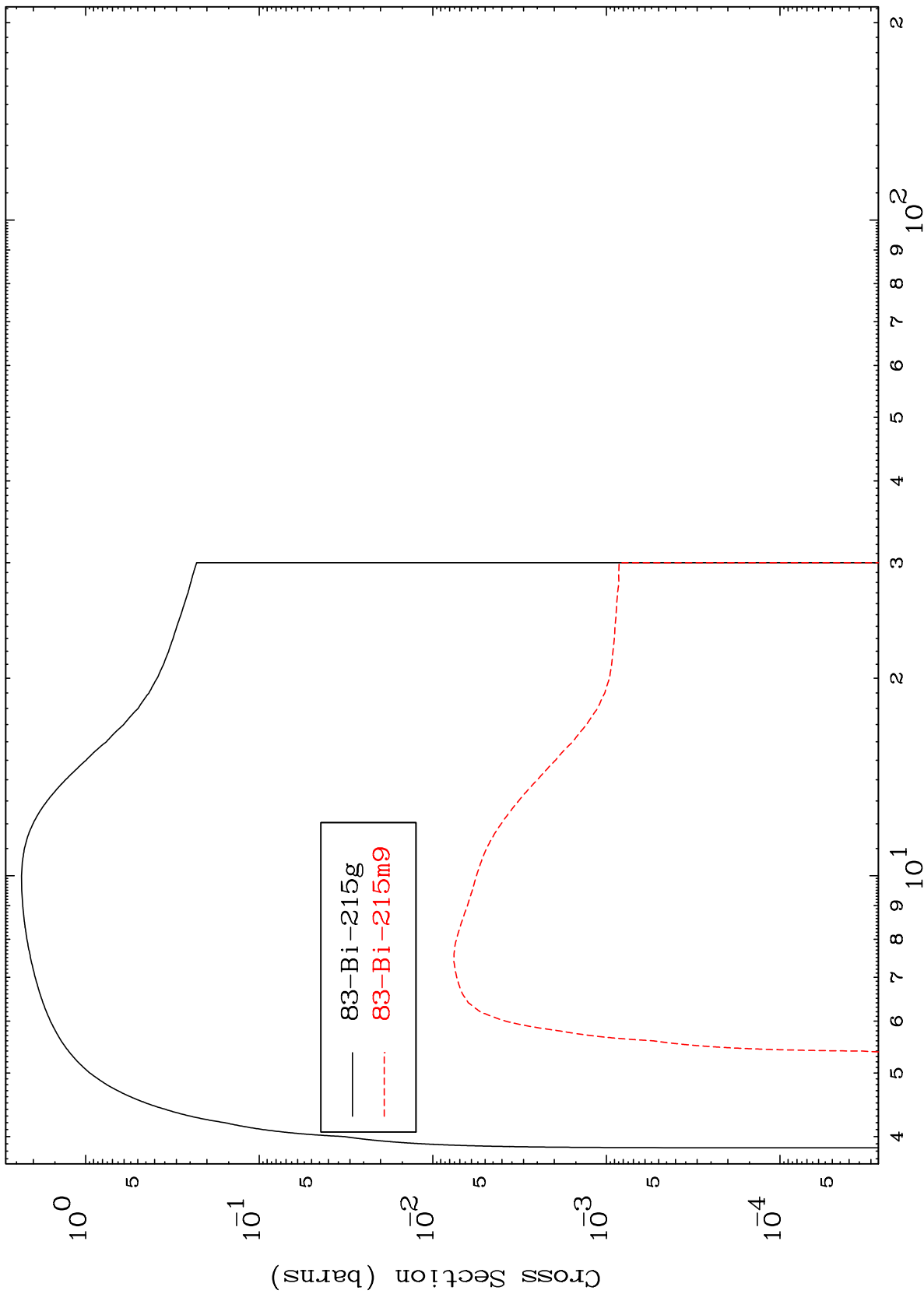
83-Bi-216g  
83-Bi-216m1

83-Bi-216

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83-Bi-216

(n,2n)  
Radionuclide Production Cross Section



29

83-Bi-216

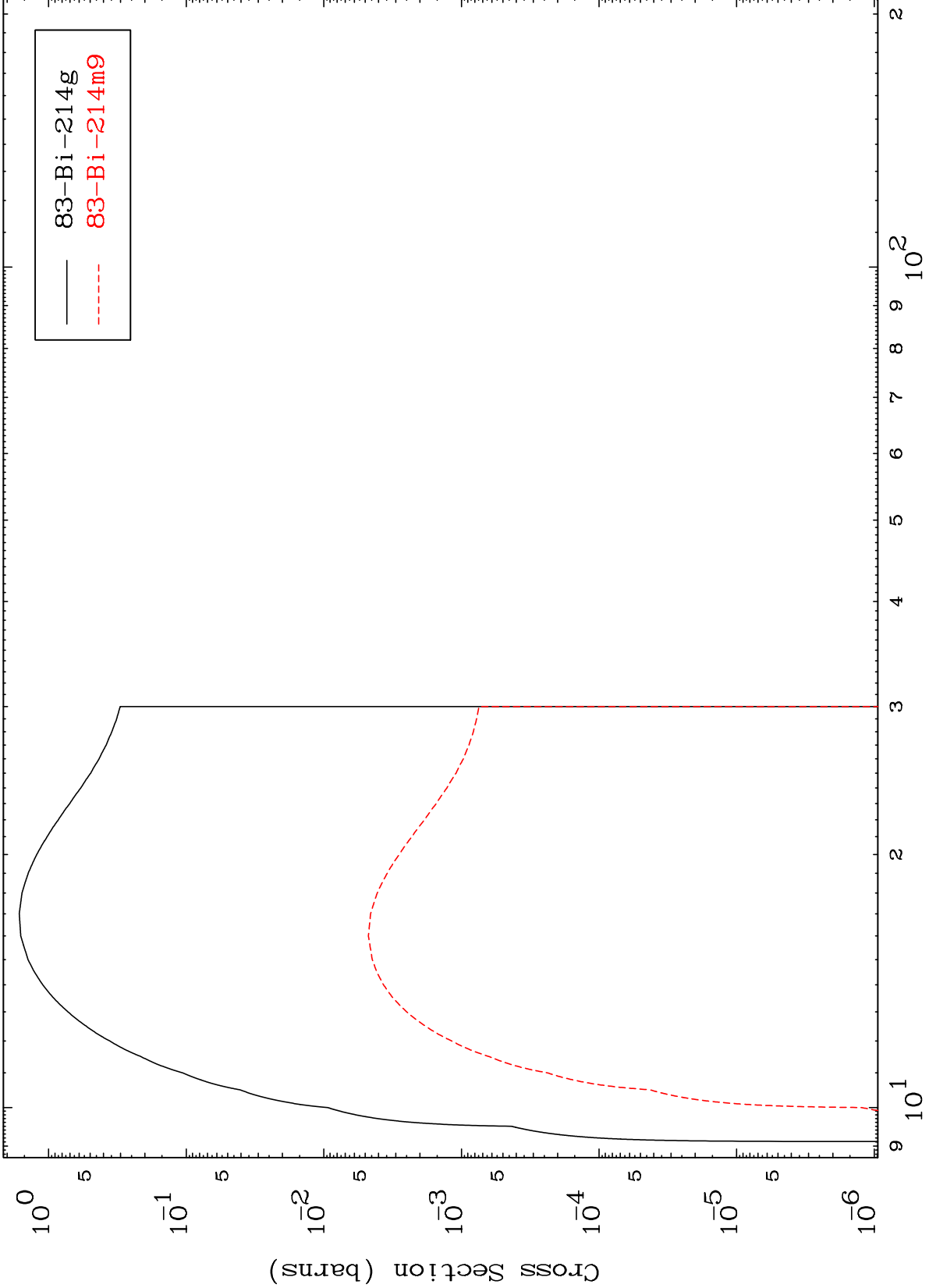
Incident Energy (MeV)

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(n,3n)

83-Bi-216

Radionuclide Production Cross Section



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

Incident Energy (MeV)

83-Bi-216