

Program EVALPLOT  
(Version 2018-1)

by

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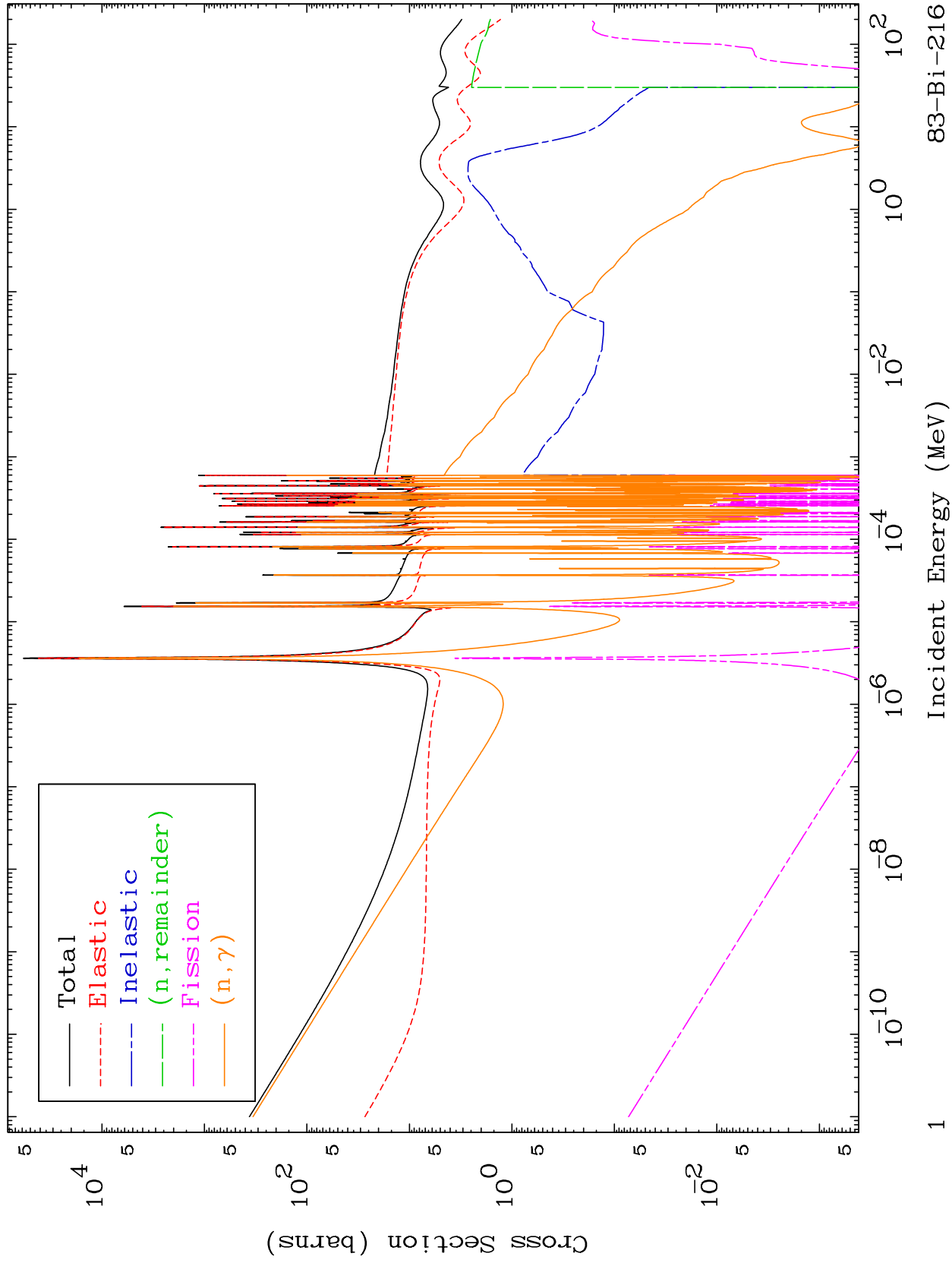
Press Mouse Button to Start

MAT 8347

Major

293 Kelvin Cross Sections

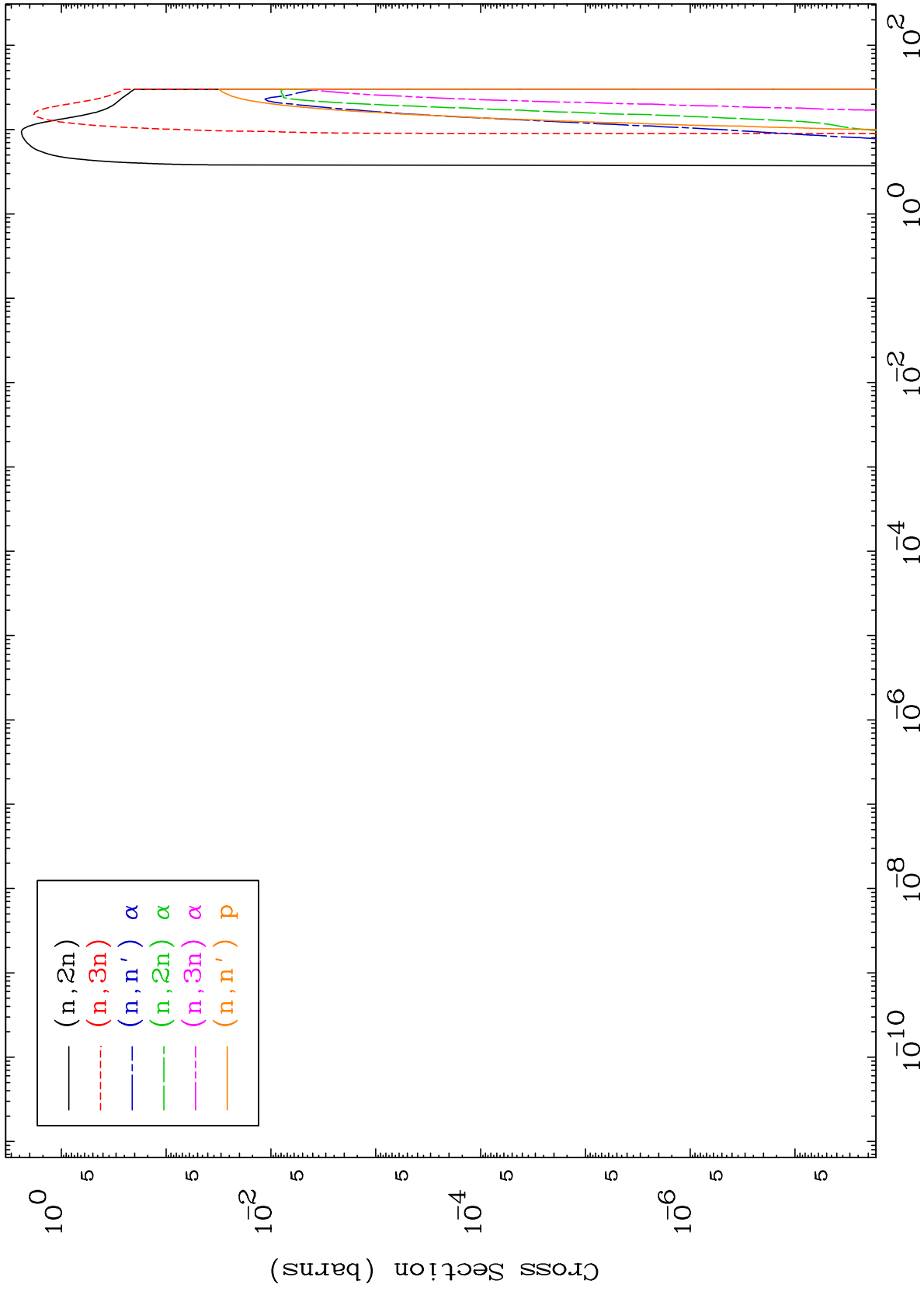
83-Bi-216



MAT 8347

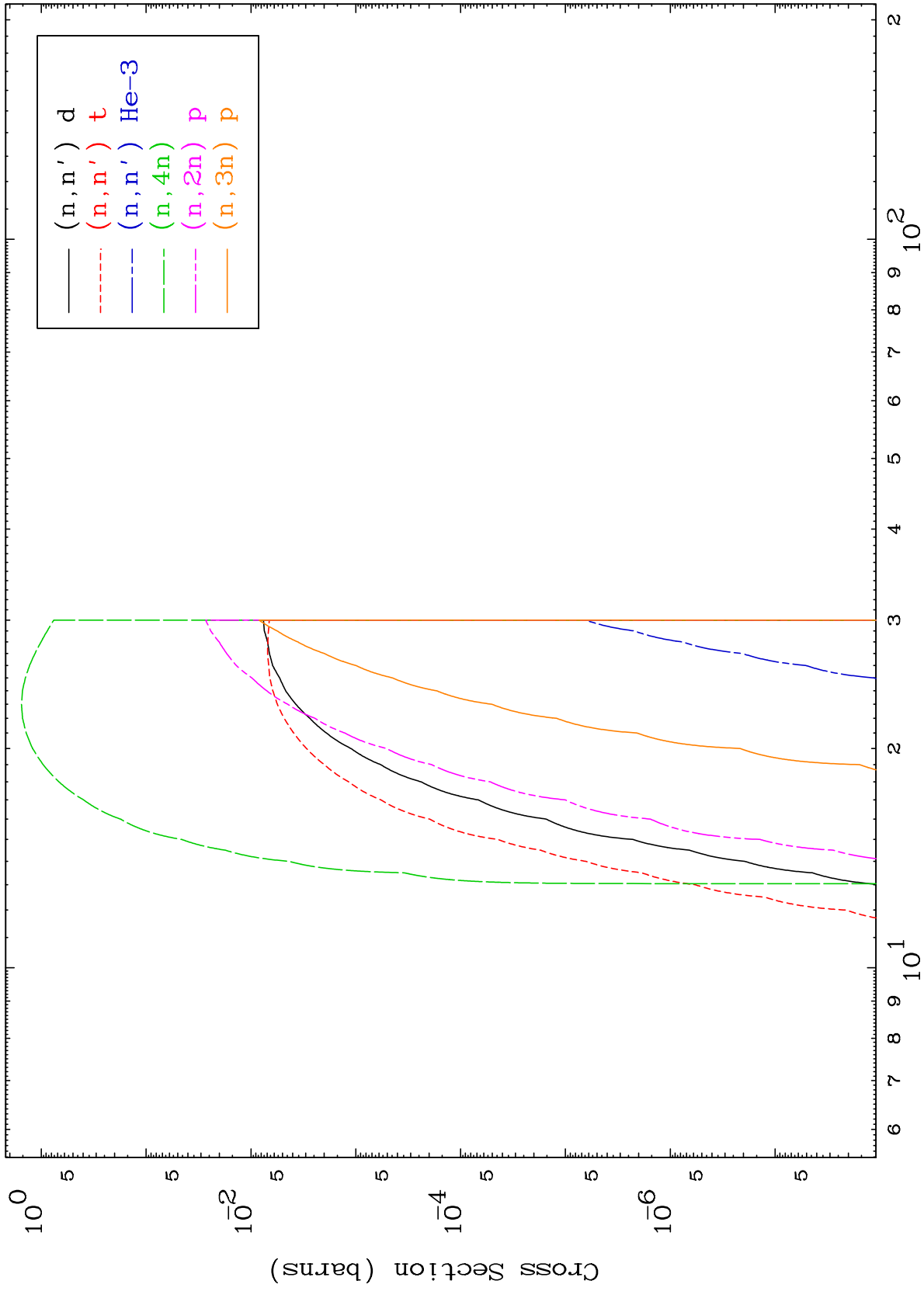
Neutron Production  
293 Kelvin Cross Sections

83-Bi-216



2

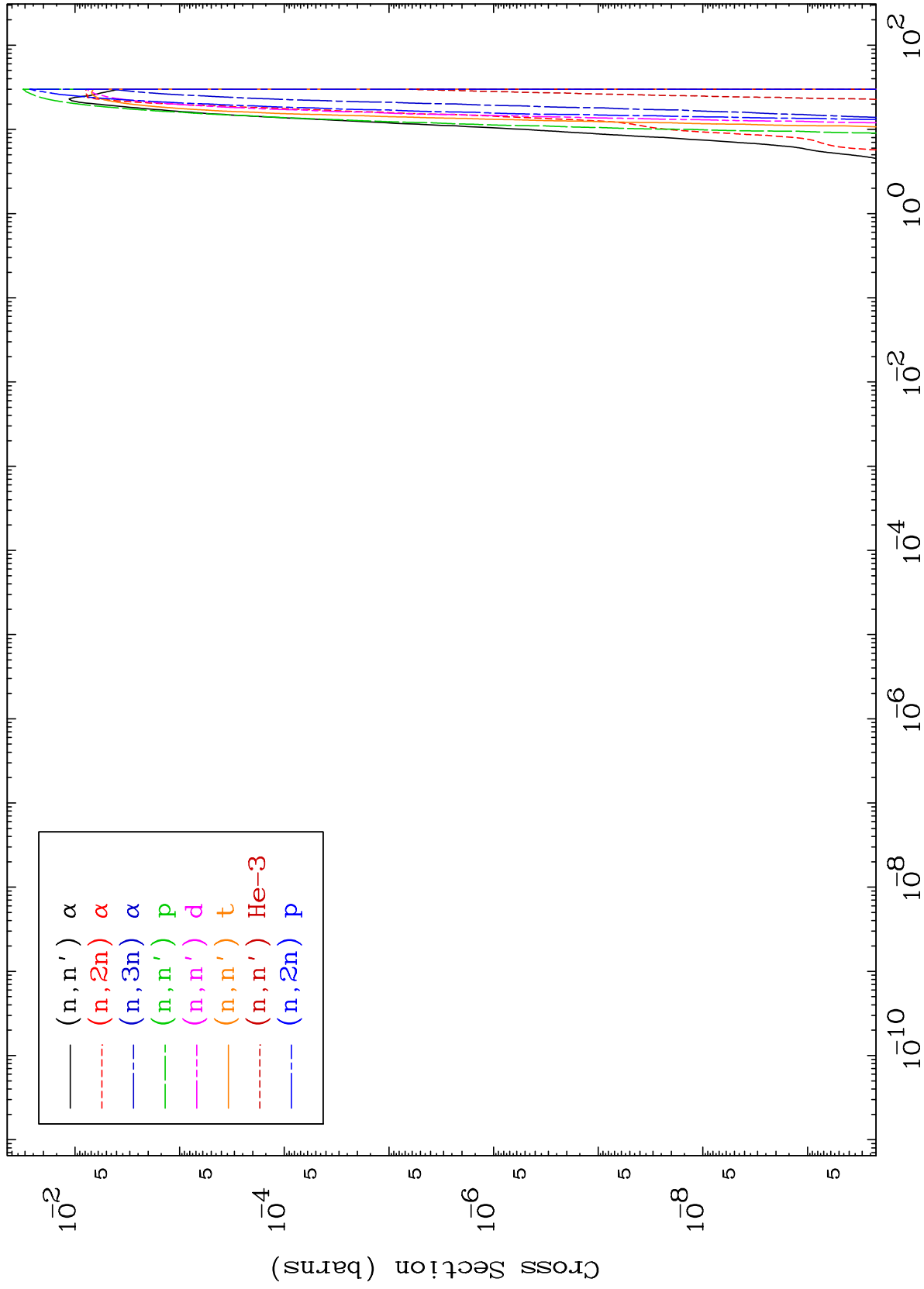
83-Bi-216



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Charged Particle  
293 Kelvin Cross Sections

83-Bi-216

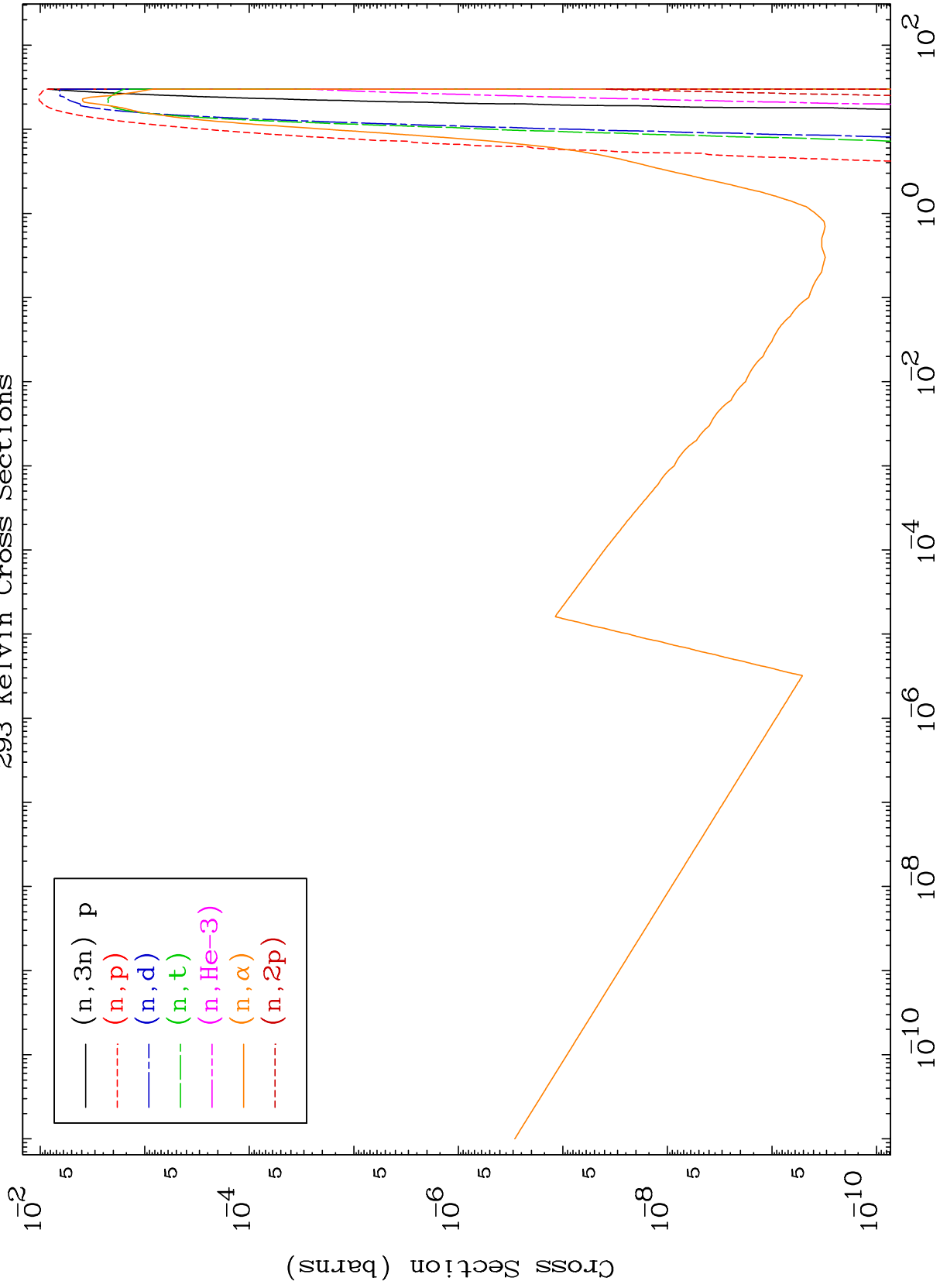


83-Bi-216

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Charged Particle  
293 Kelvin Cross Sections

83-Bi-216



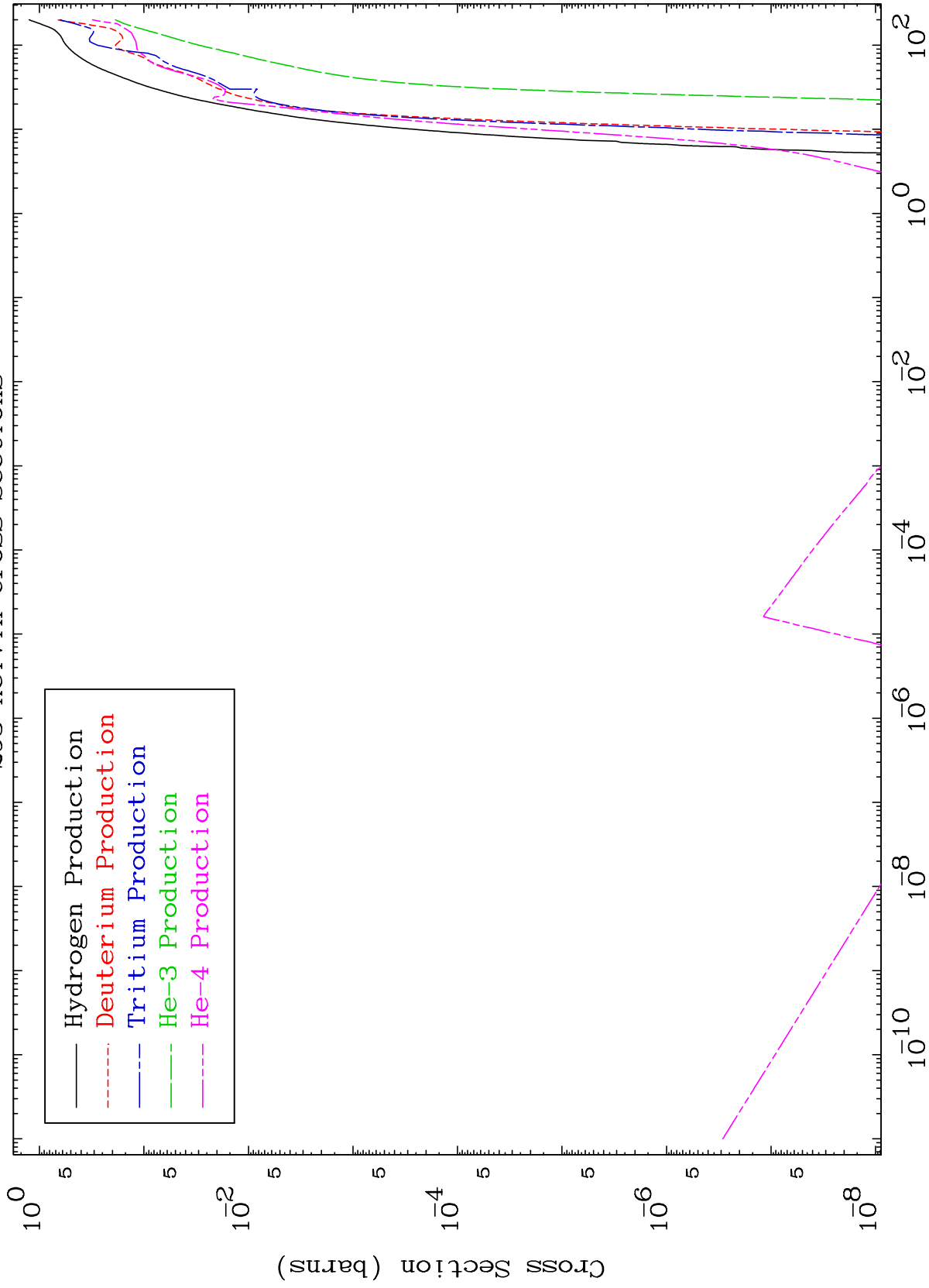
5

83-Bi-216

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Particle Production  
293 Kelvin Cross Sections

83-Bi-216



6

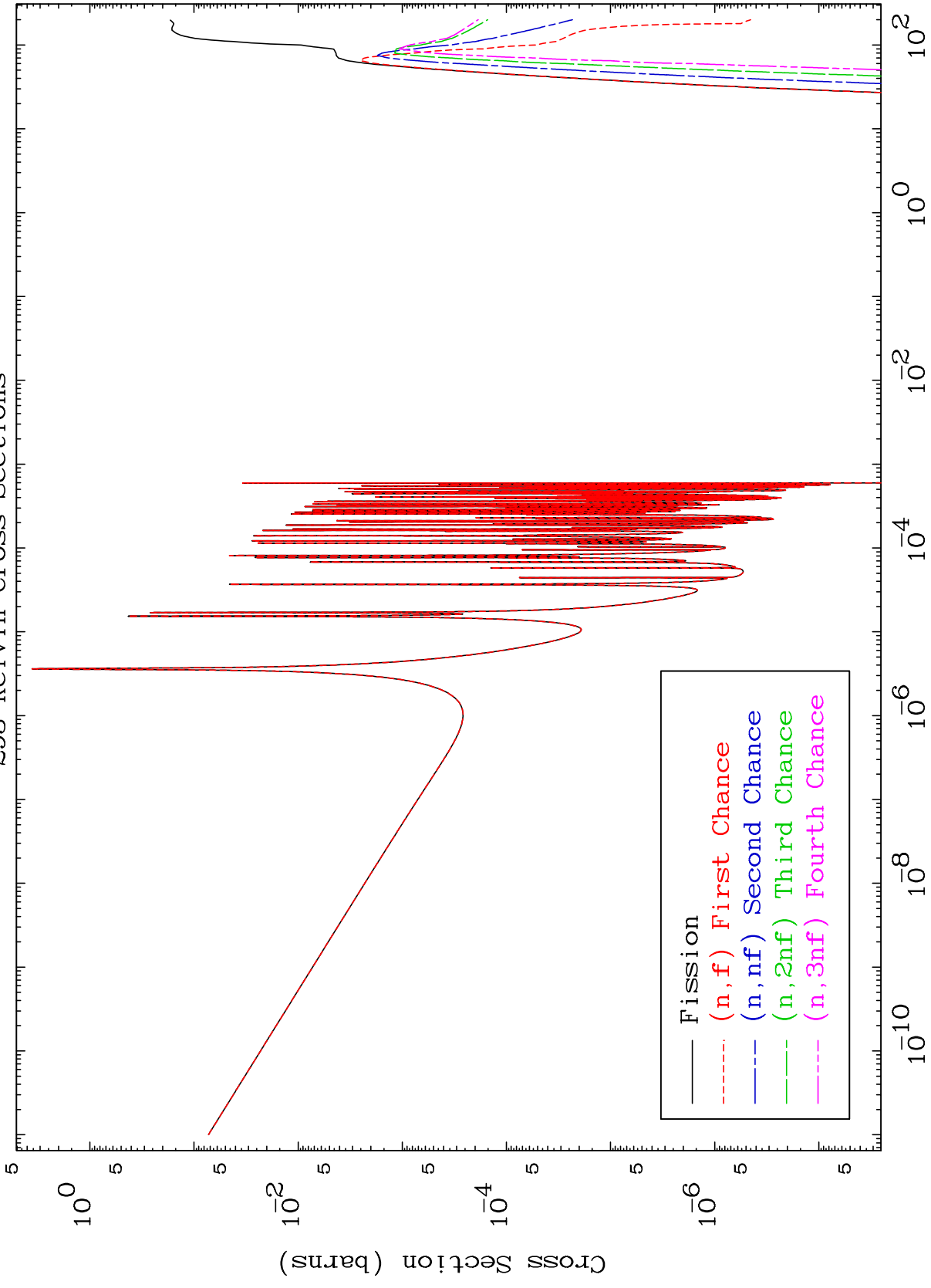
Incident Energy (MeV)

83-Bi-216

MAT 8347

Fission  
293 Kelvin Cross Sections

83-Bi-216

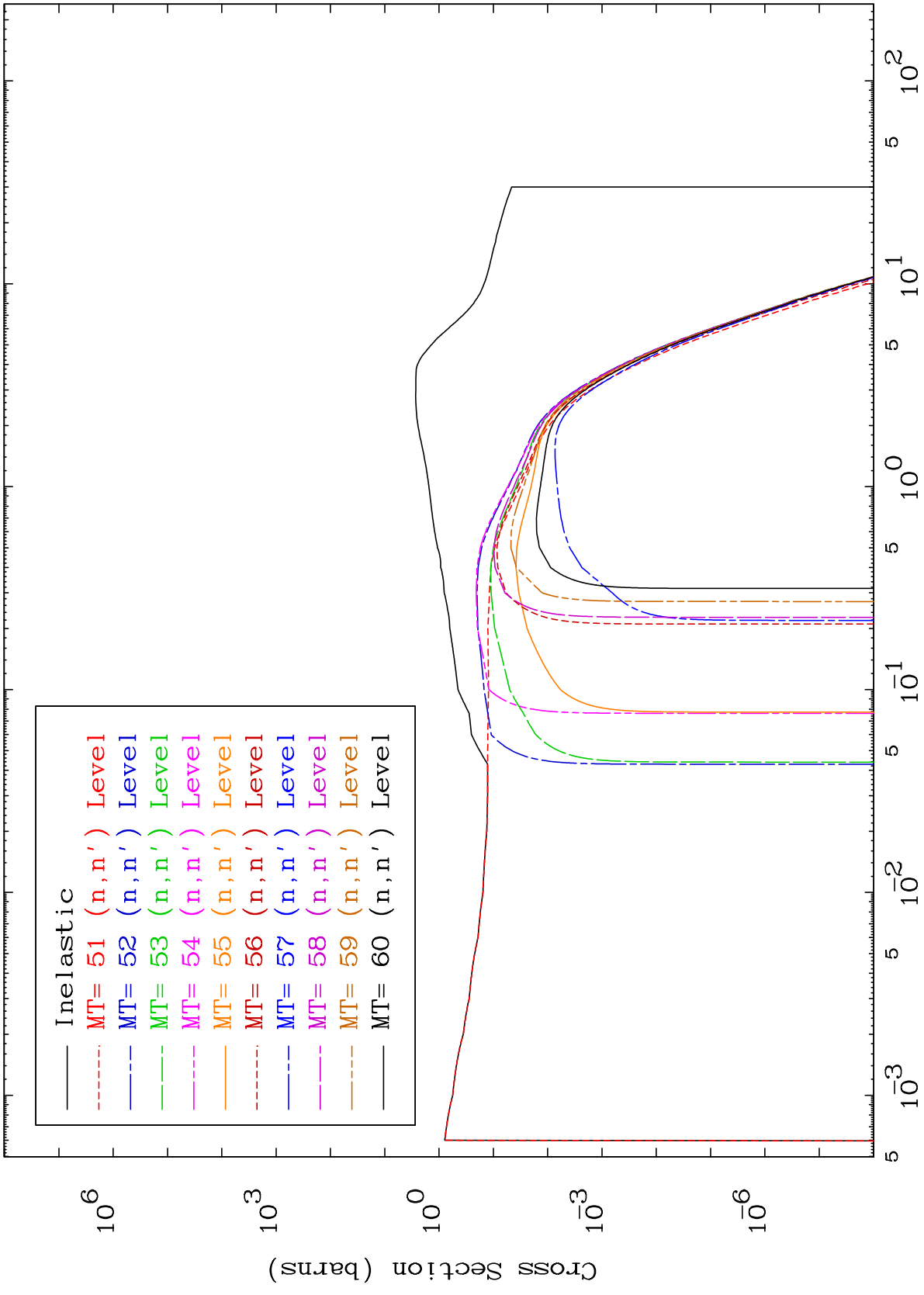


83-Bi-216

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(n,n') Level  
293 Kelvin Cross Sections

83-Bi-216

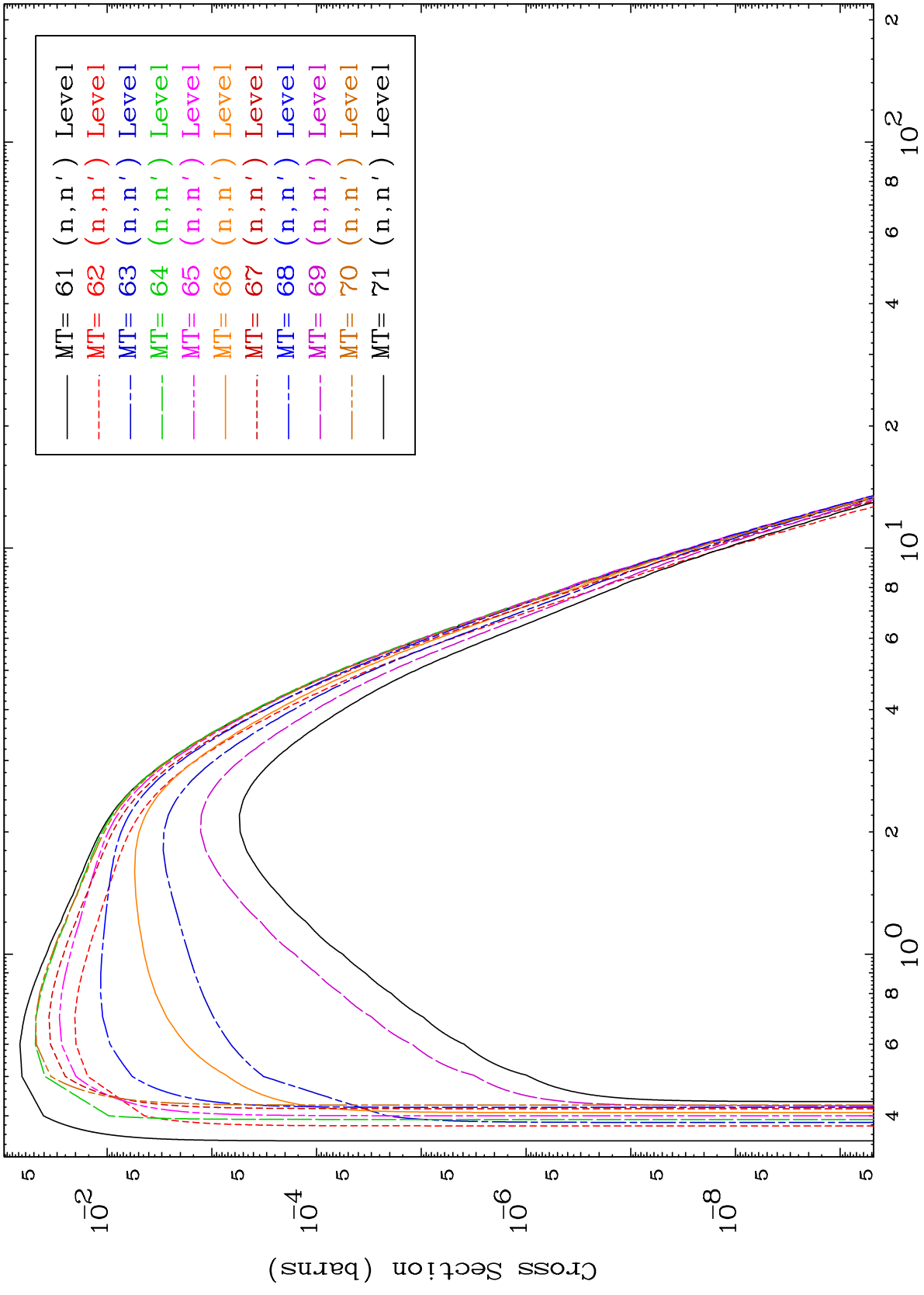


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(n,n') Level

83-Bi-216

293 Kelvin Cross Sections



9

Incident Energy (MeV)

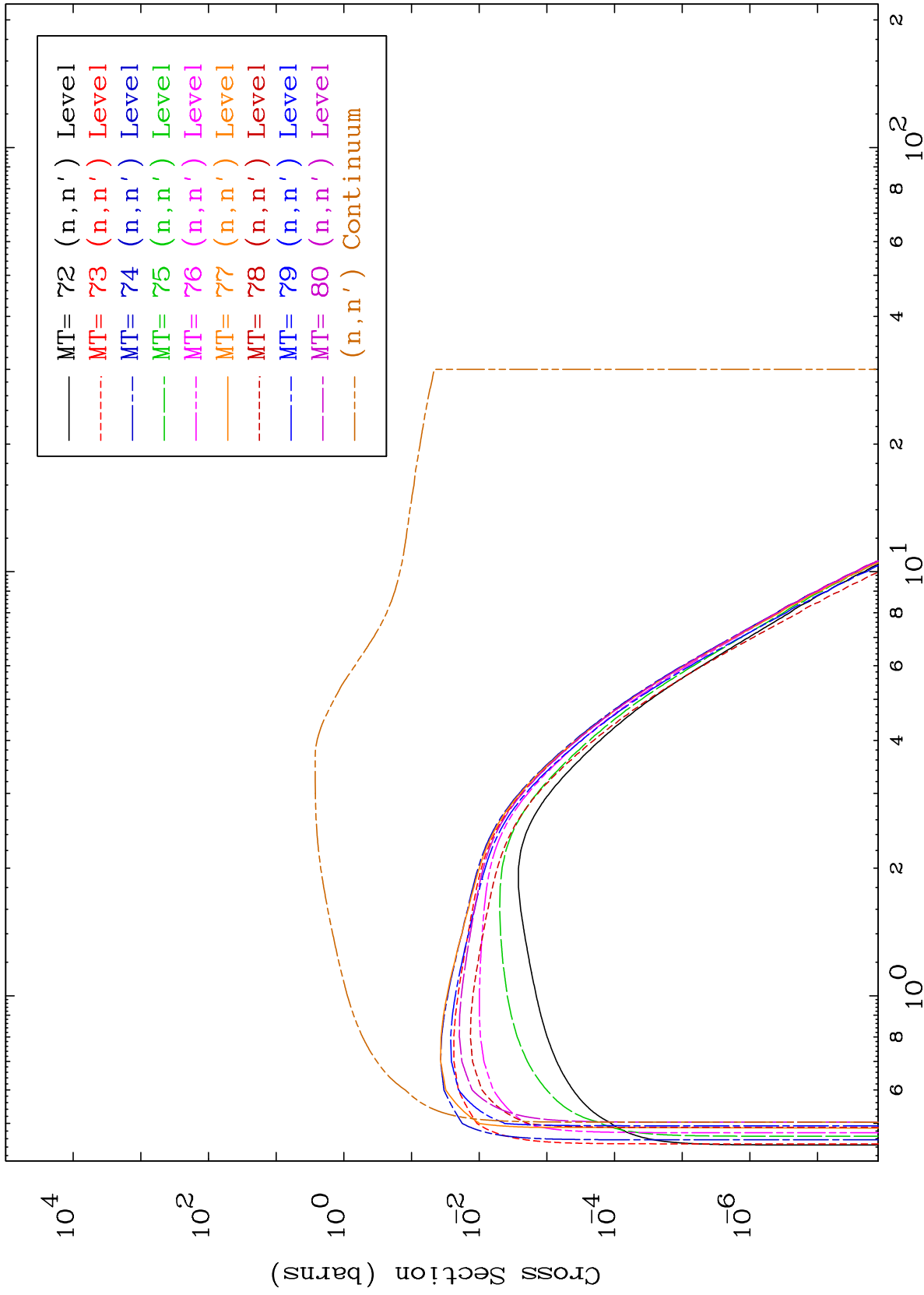
83-Bi-216

MAT 8347

(n,n') Level

83-Bi-216

293 Kelvin Cross Sections



10

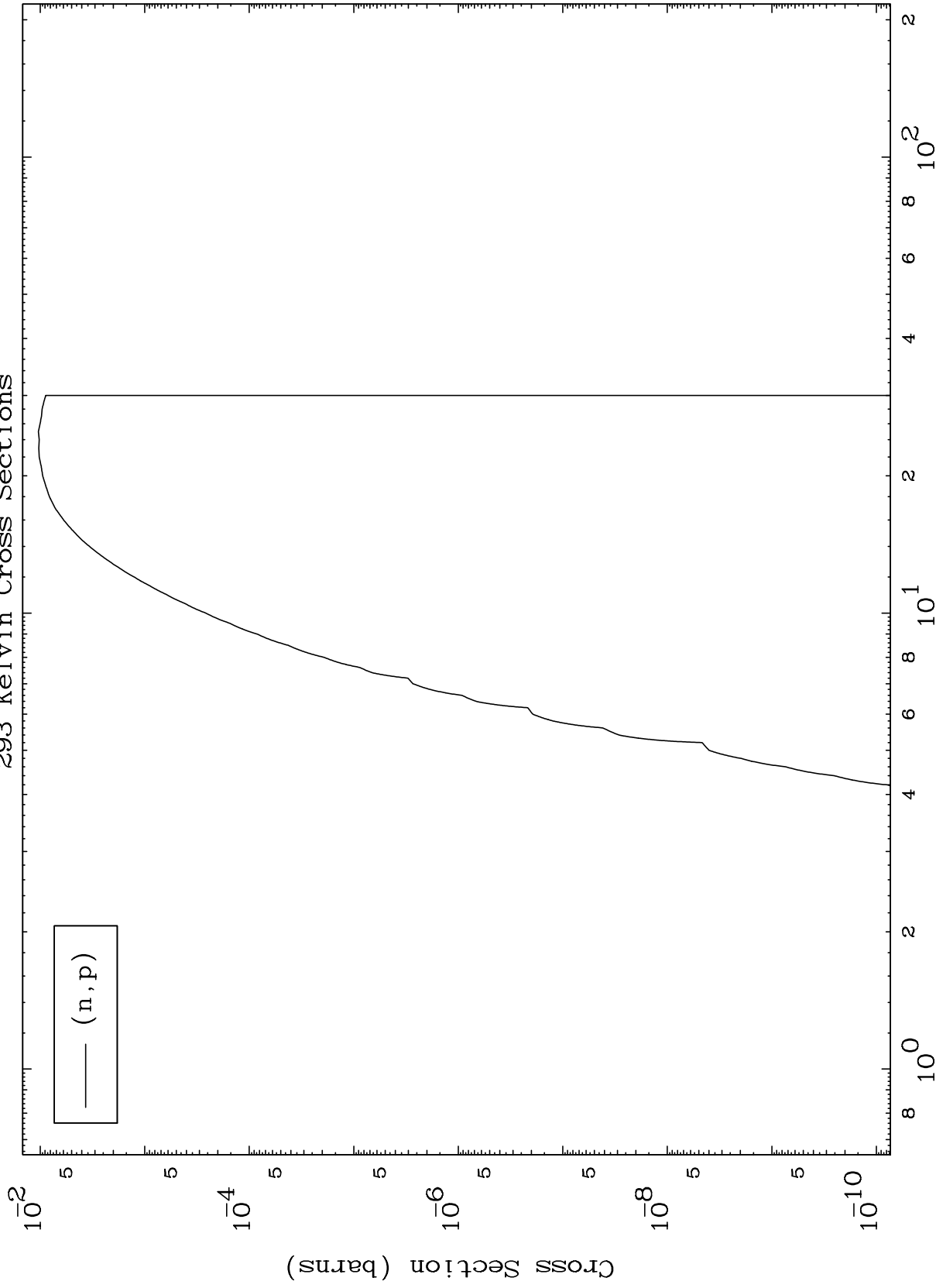
Incident Energy (MeV)

83-Bi-216

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83-Bi-216

(n,p) Levels  
293 Kelvin Cross Sections



11

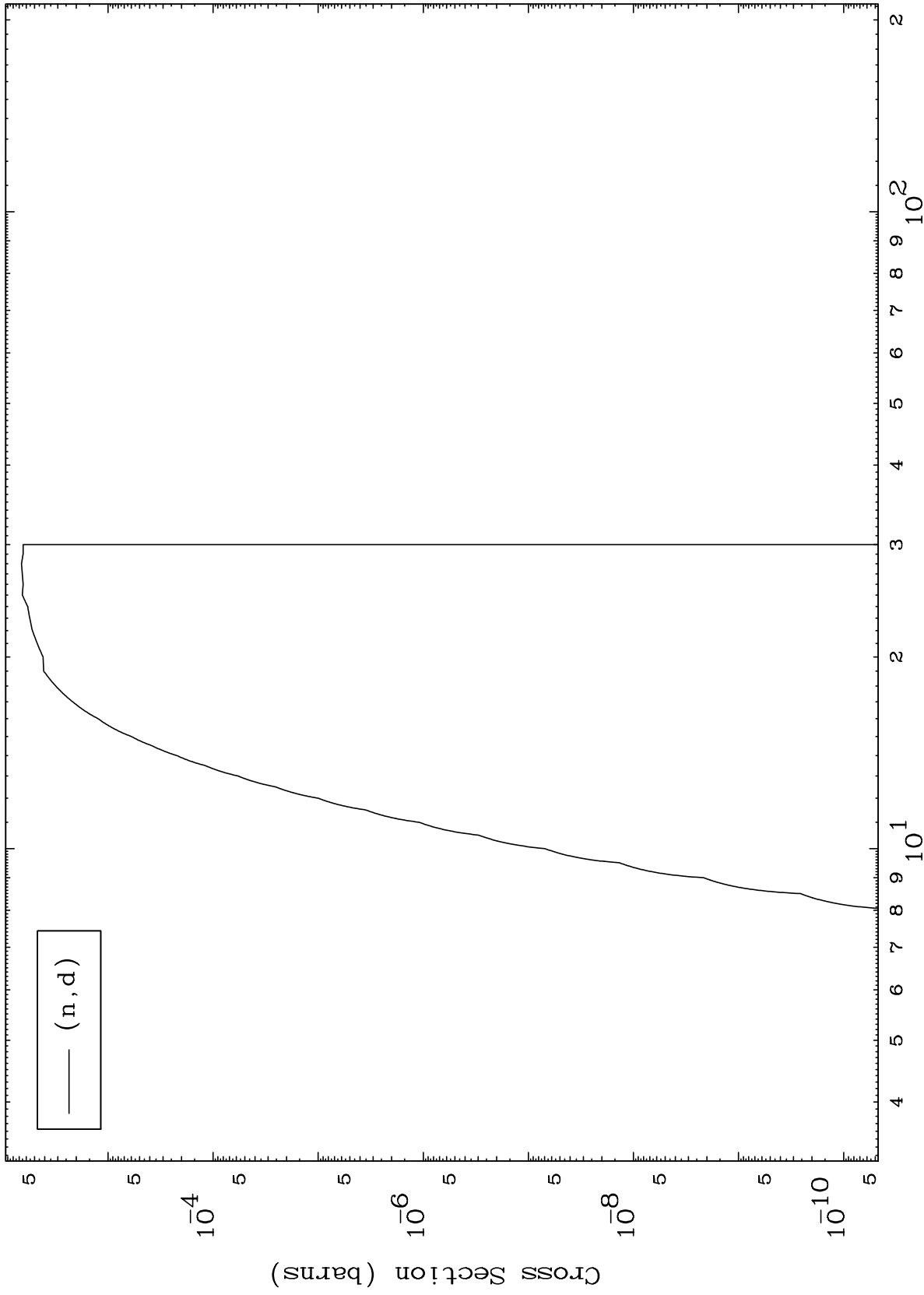
Incident Energy (MeV)

83-Bi-216

MAT 8347

(n,d) Levels  
293 Kelvin Cross Sections

83-Bi-216



12

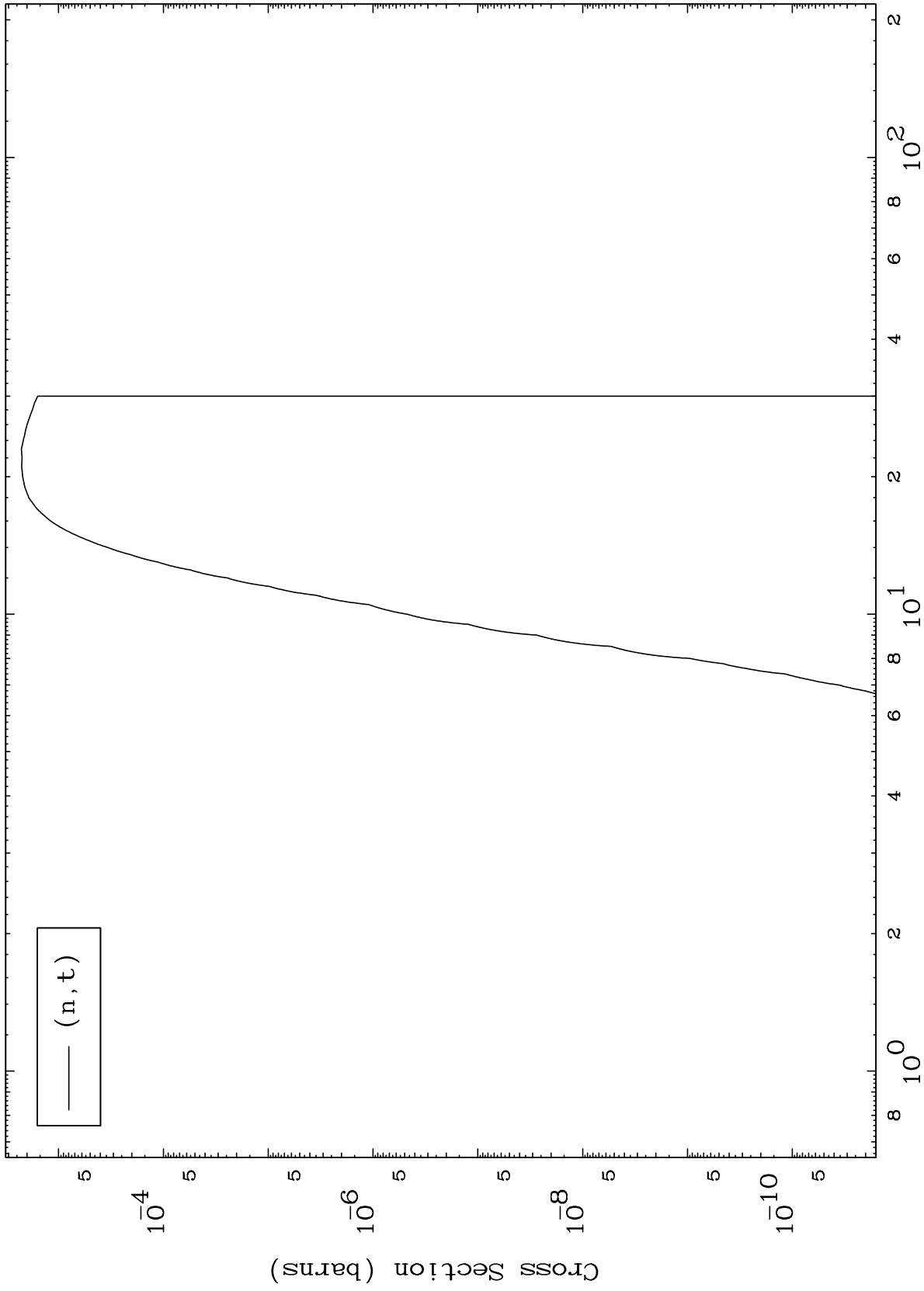
Incident Energy (MeV)

83-Bi-216

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(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-216



13

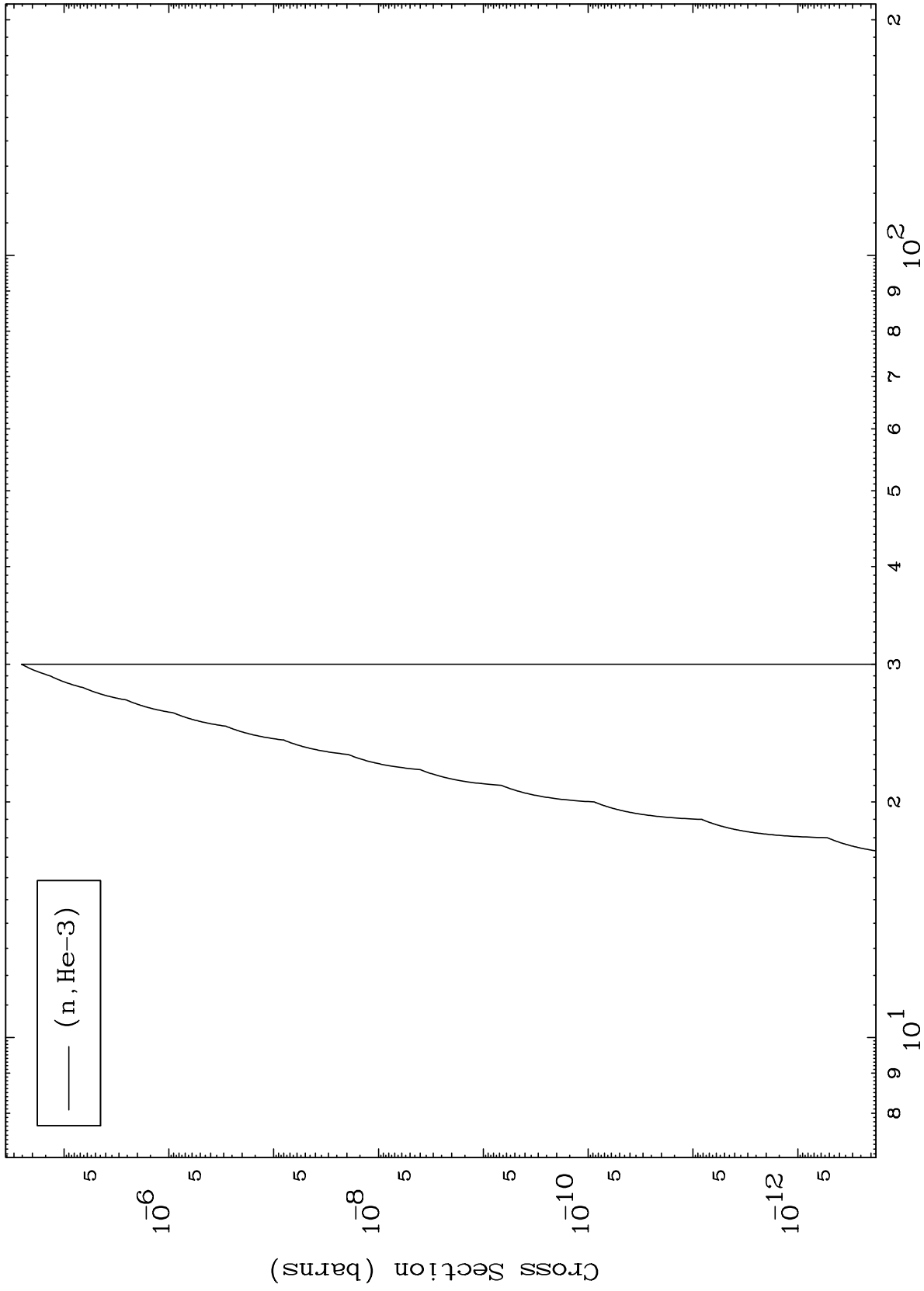
Incident Energy (MeV)

83-Bi-216

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(n,He3) Levels  
293 Kelvin Cross Sections

83-Bi-216



14

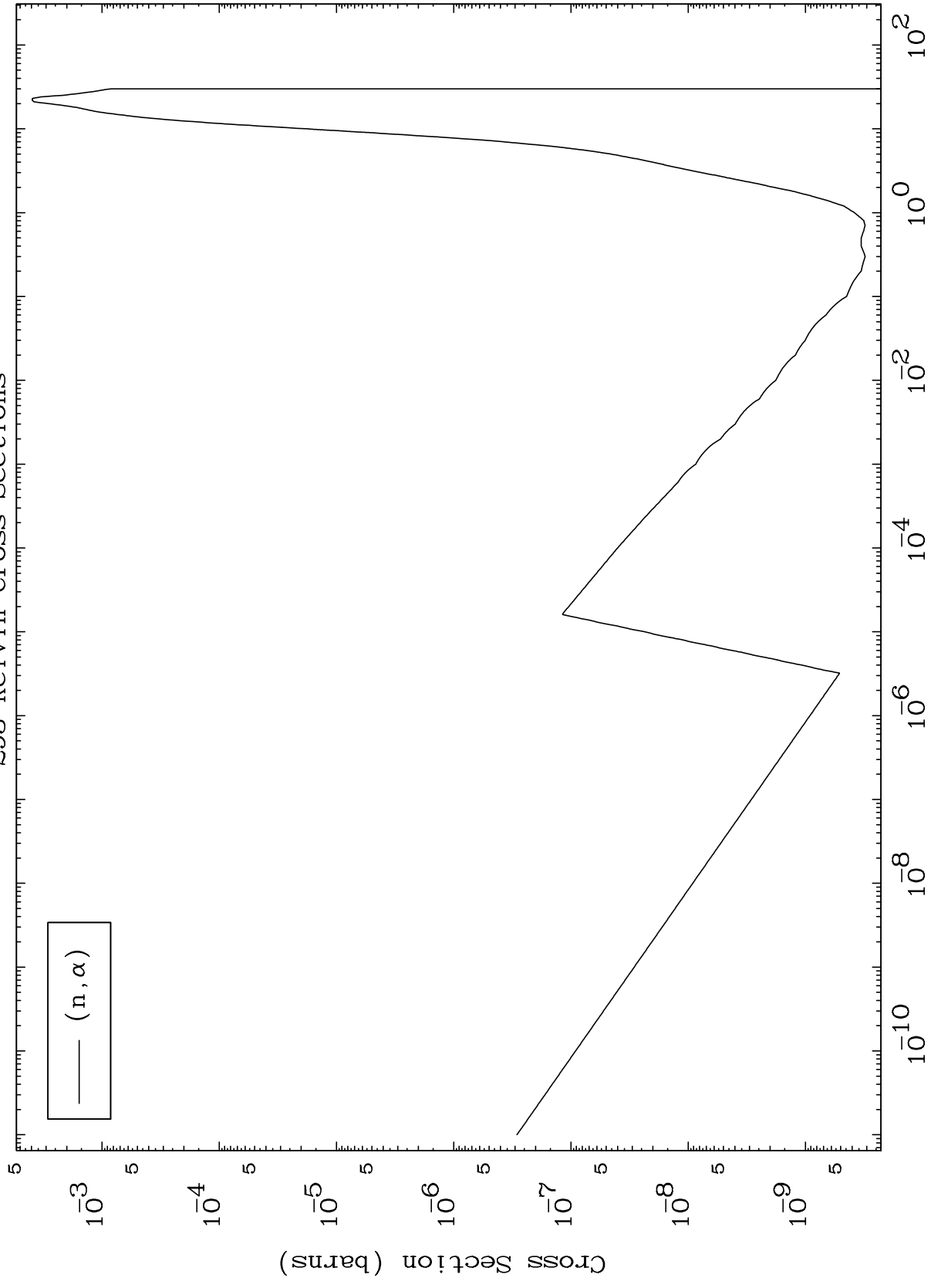
Incident Energy (MeV)

83-Bi-216

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(n,α) Levels  
293 Kelvin Cross Sections

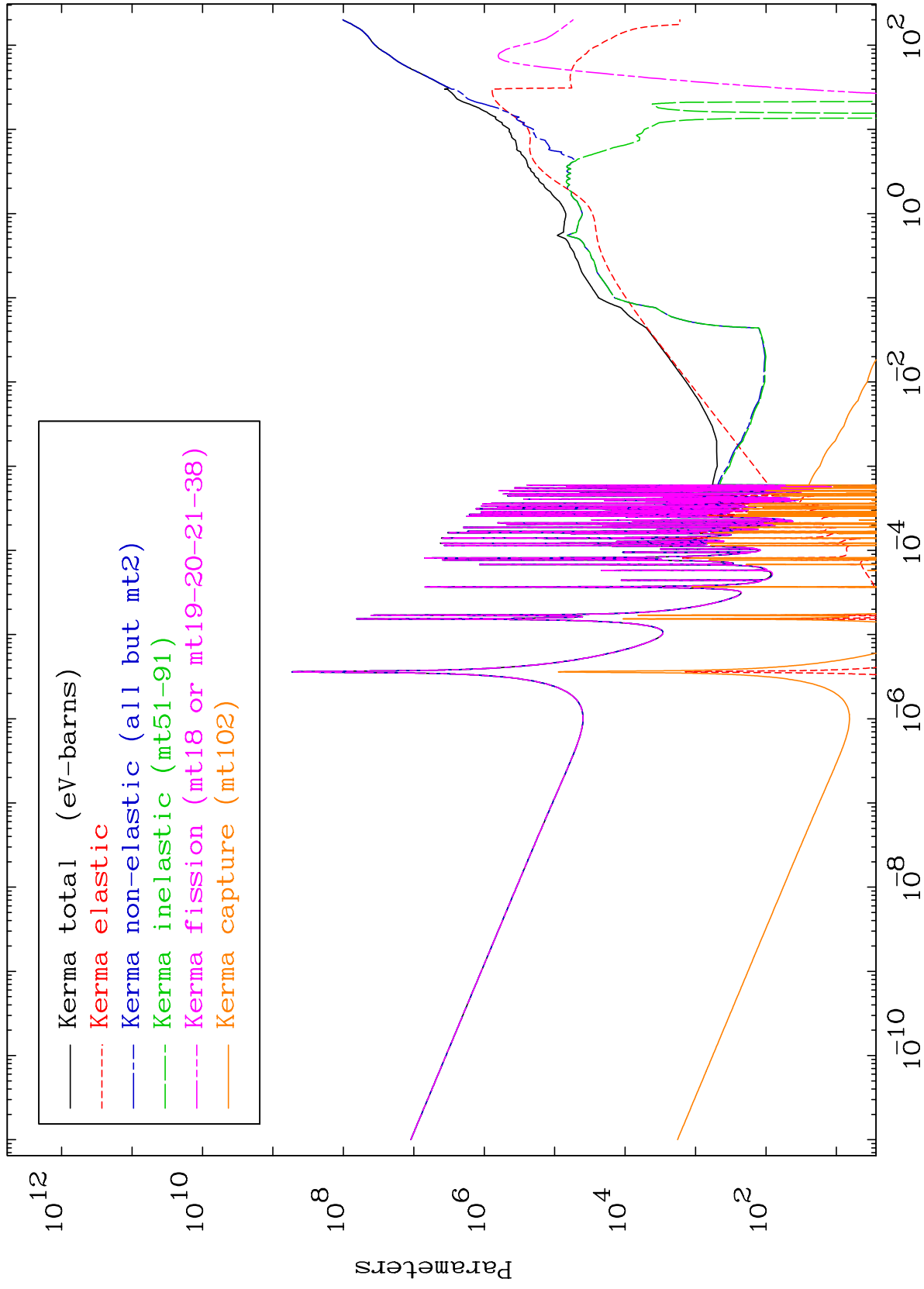
83-Bi-216



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Incident Energy (MeV)

83-Bi-216





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### Elastic Legendre Coefficients

83-Bi-216



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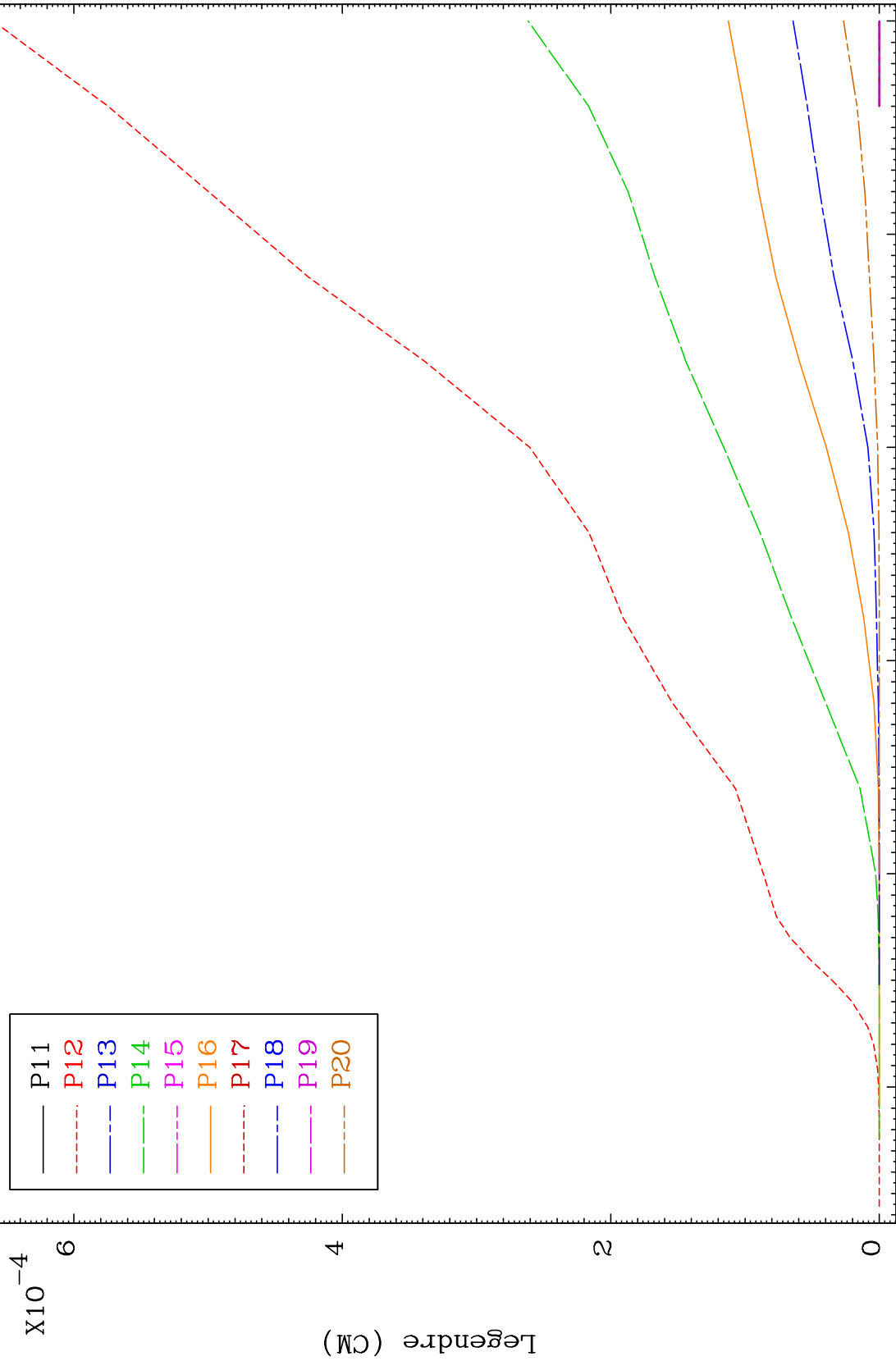
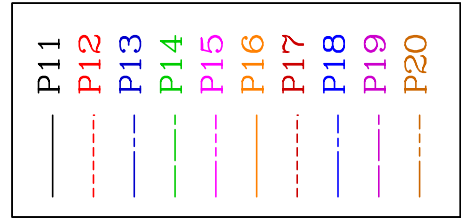
Incident Energy (MeV)

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Elastic Legendre Coefficients

83-Bi-216



$\times 10^{-4}$

Legendre (CM)

19

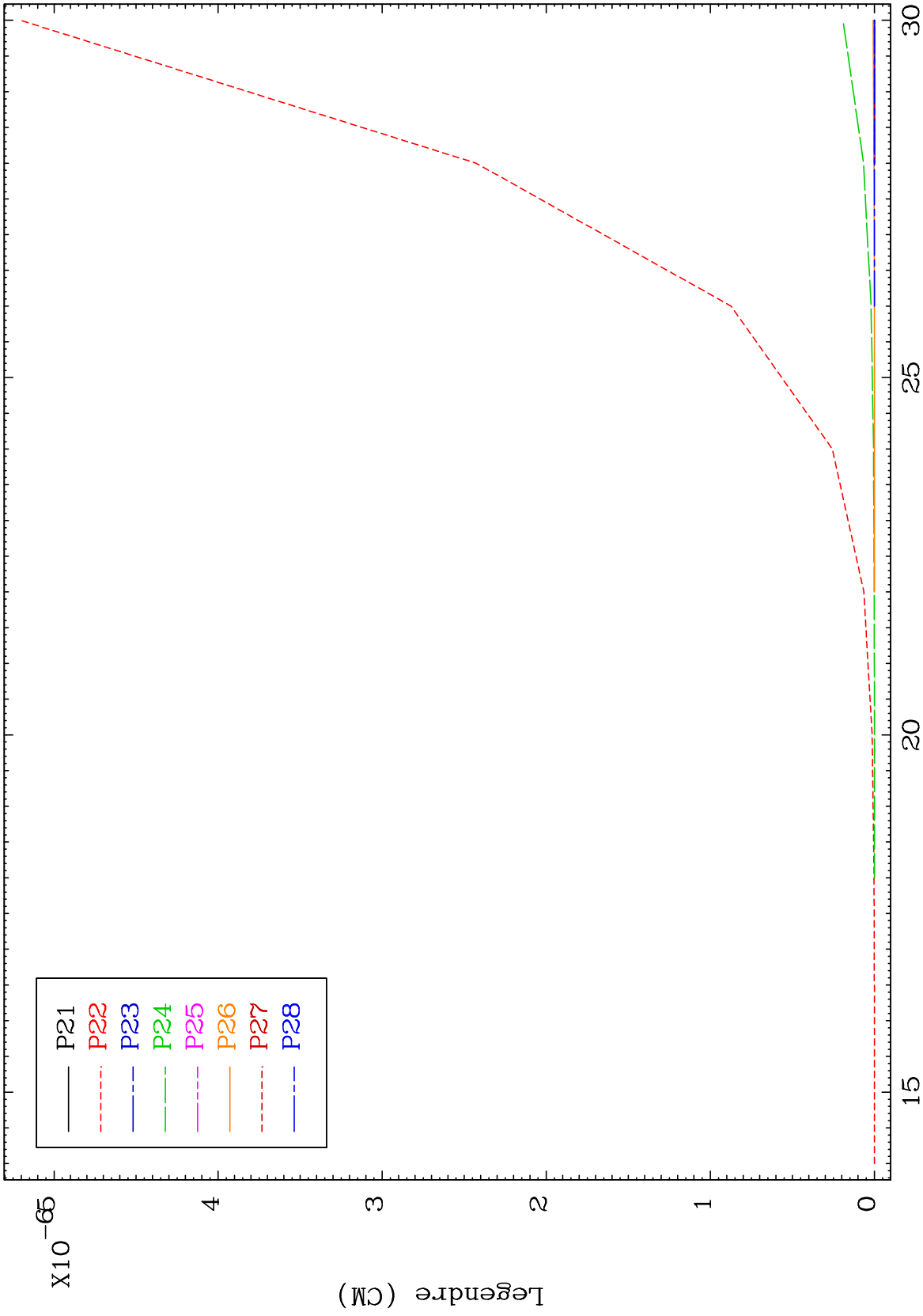
Incident Energy (MeV)

83-Bi-216

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### Elastic Legendre Coefficients

83-Bi-216



20

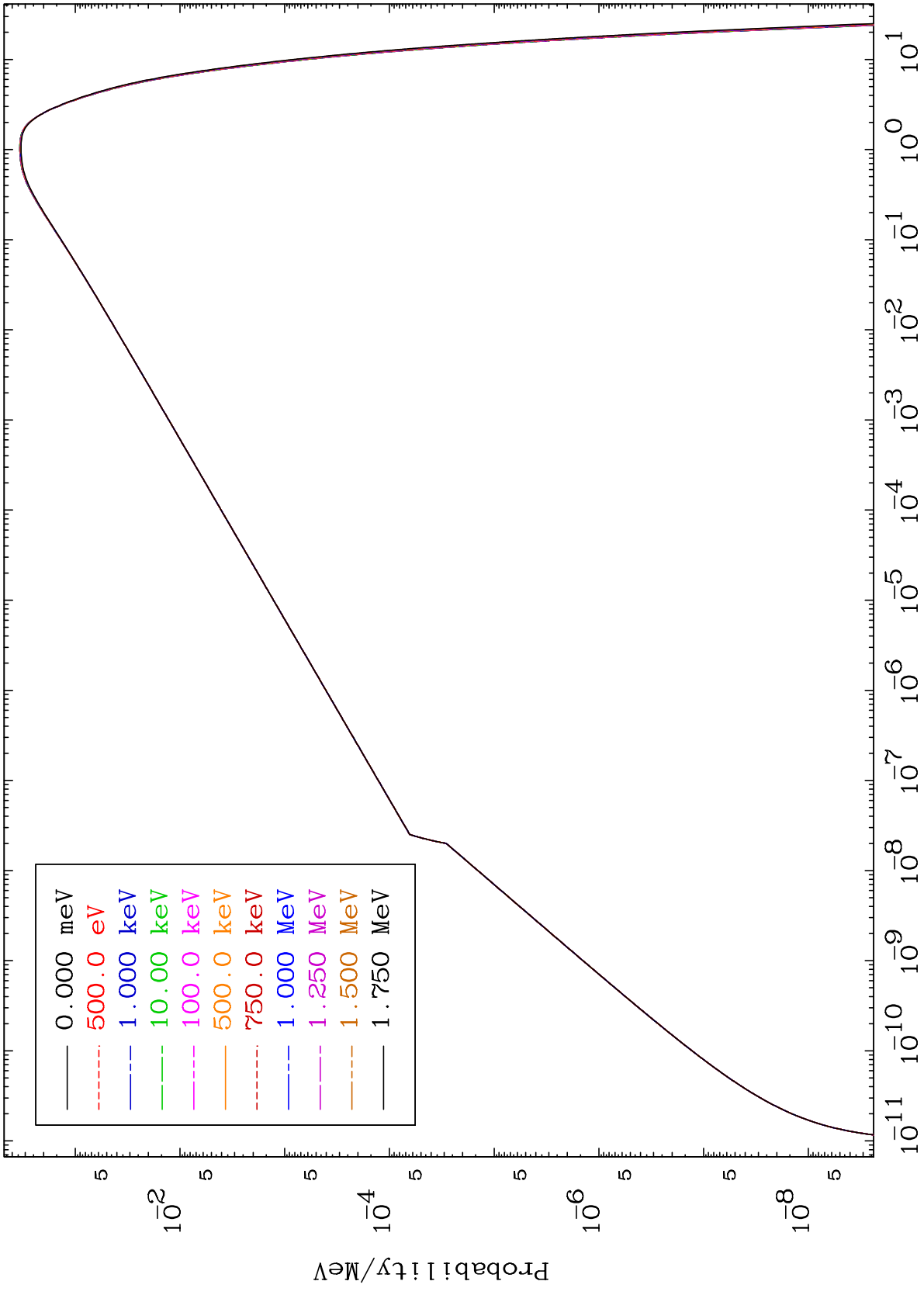
Incident Energy (MeV)

83-Bi-216

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### Fission Energy Distribution

83-Bi-216



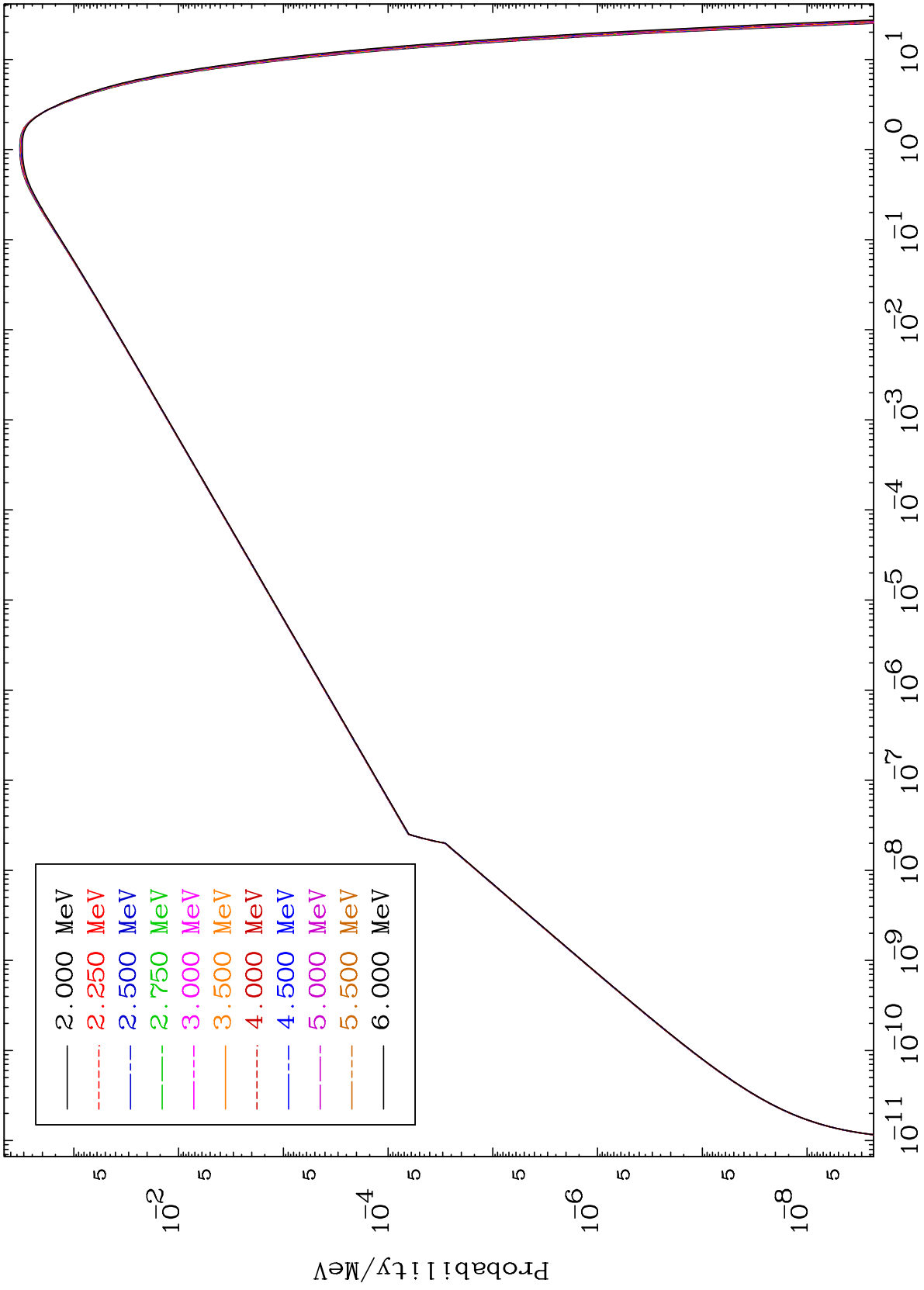
- 0.000 meV
- 500.0 eV
- 1.000 keV
- 10.00 keV
- 100.0 keV
- 500.0 keV
- 750.0 keV
- 1.000 MeV
- 1.250 MeV
- 1.500 MeV
- 1.750 MeV

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### Fission Energy Distribution

83-Bi-216



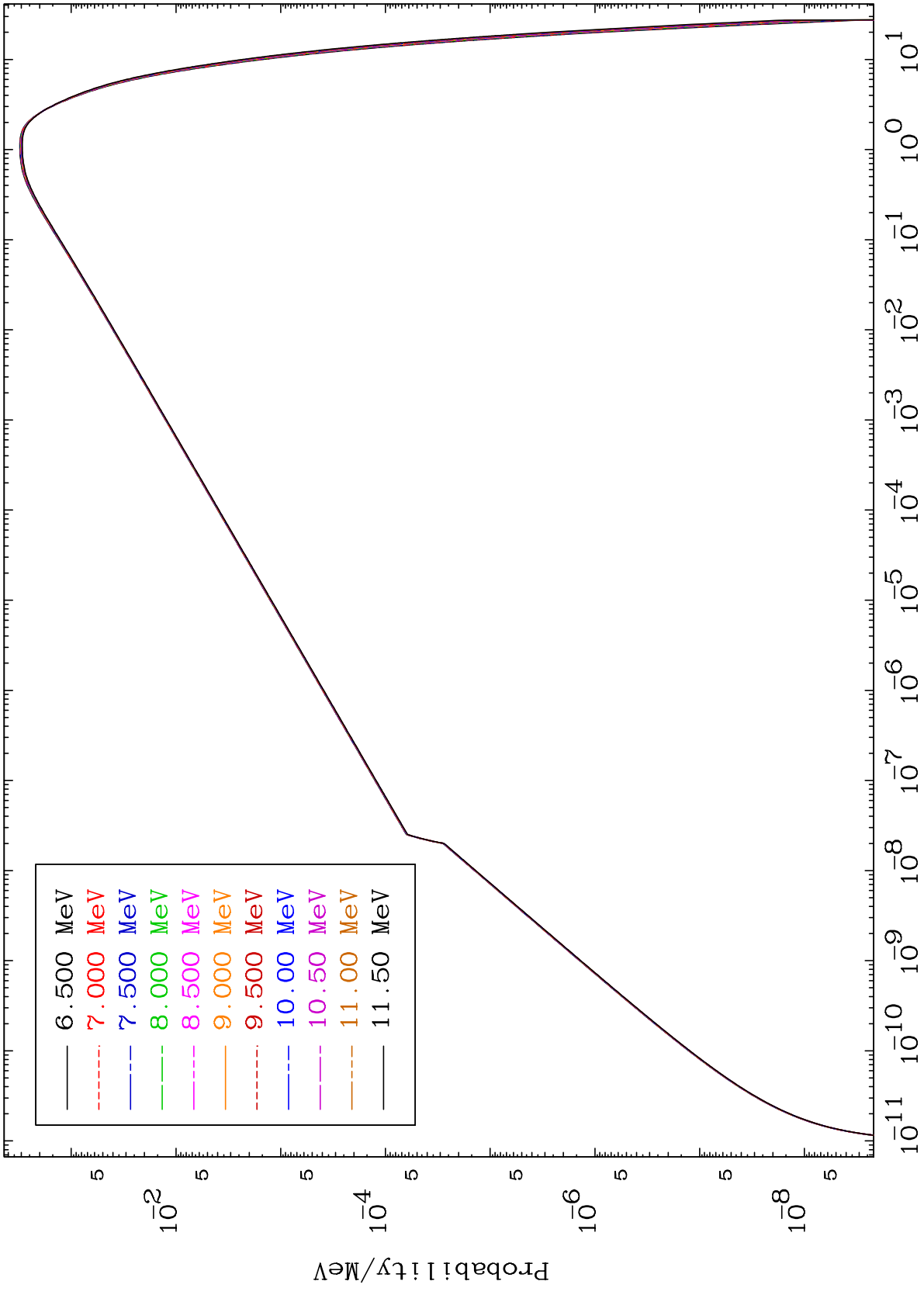
22

83-Bi-216

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### Fission Energy Distribution

83-Bi-216

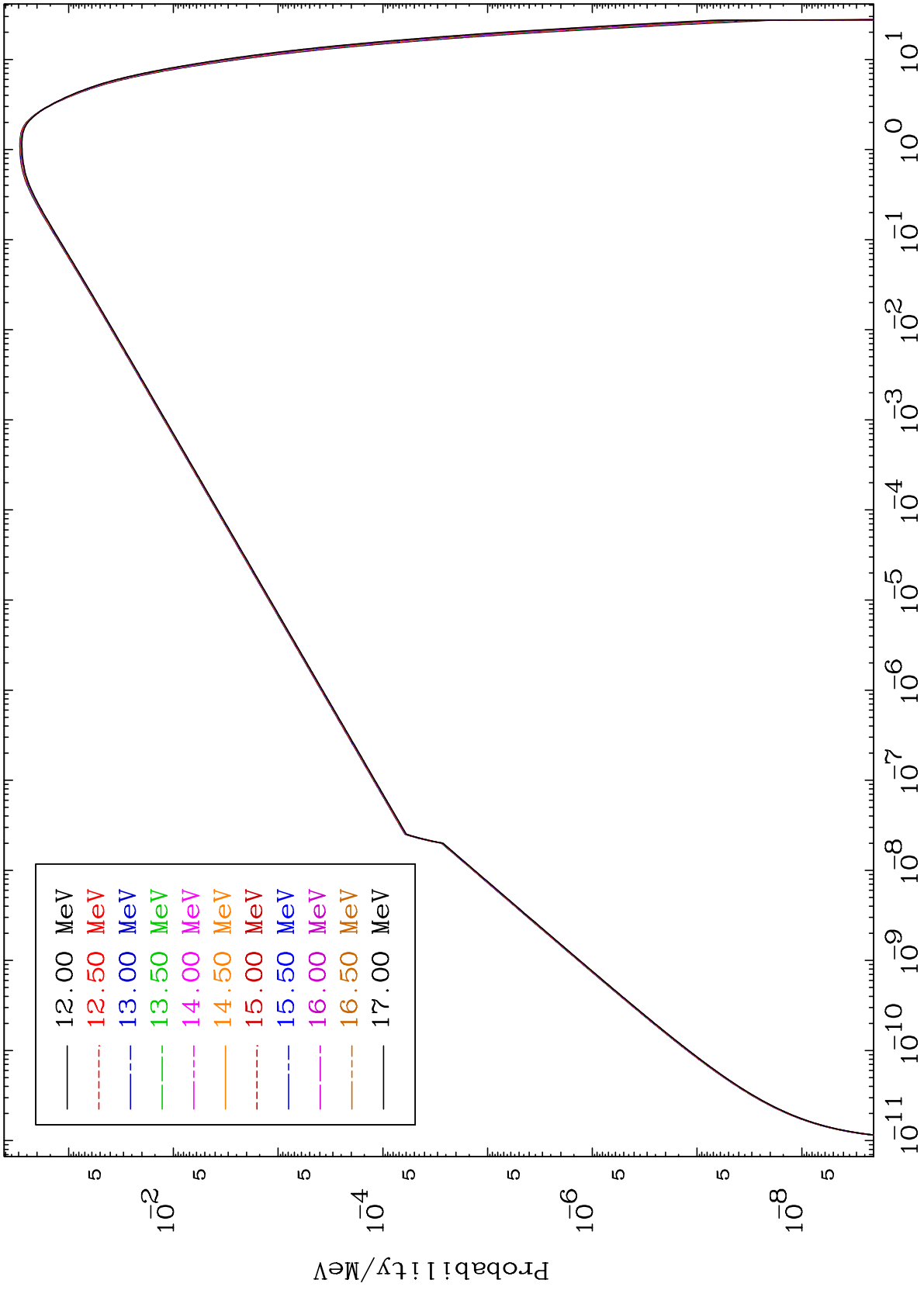


83-Bi-216

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### Fission Energy Distribution

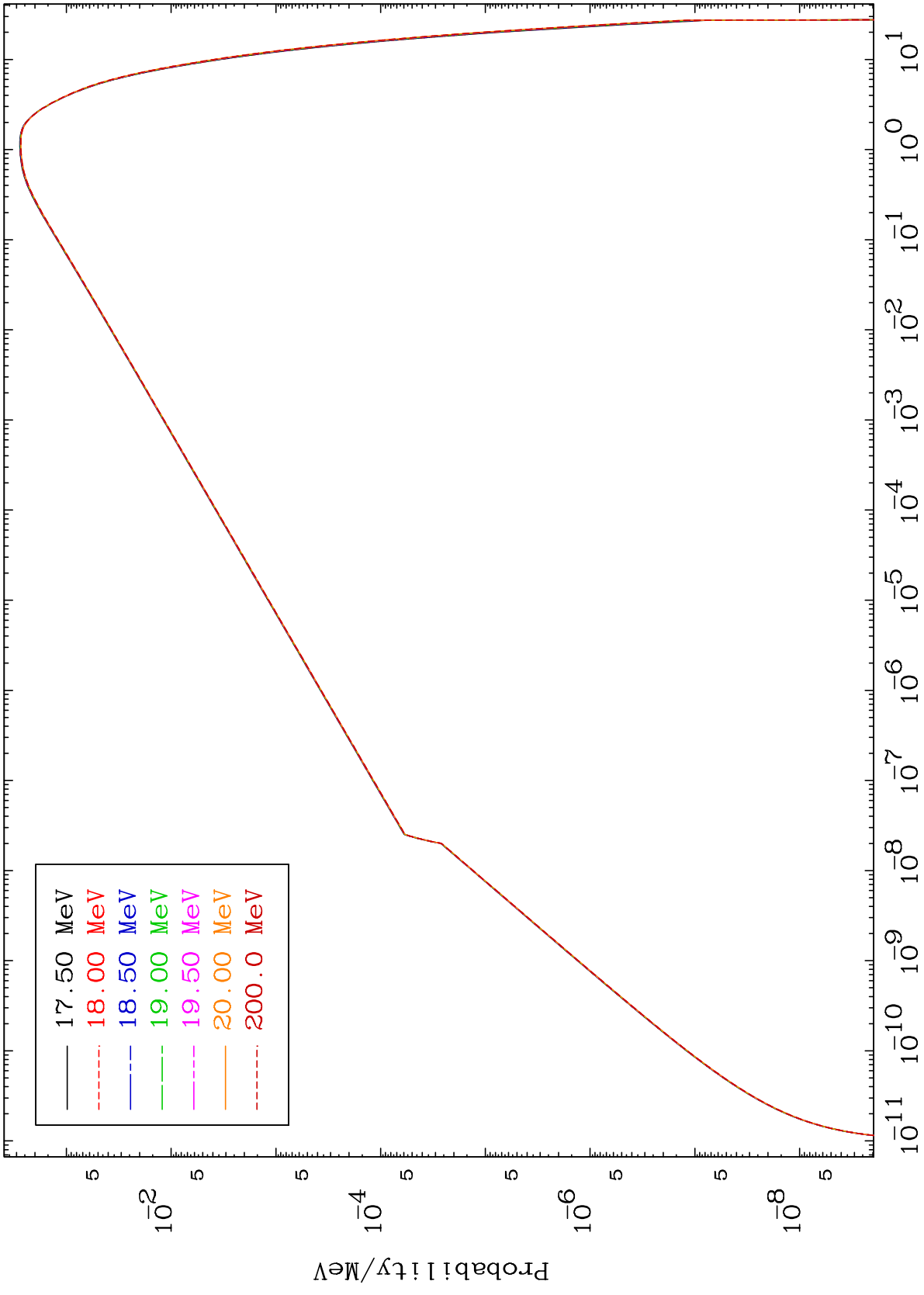
83-Bi-216



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### Fission Energy Distribution

83-Bi-216

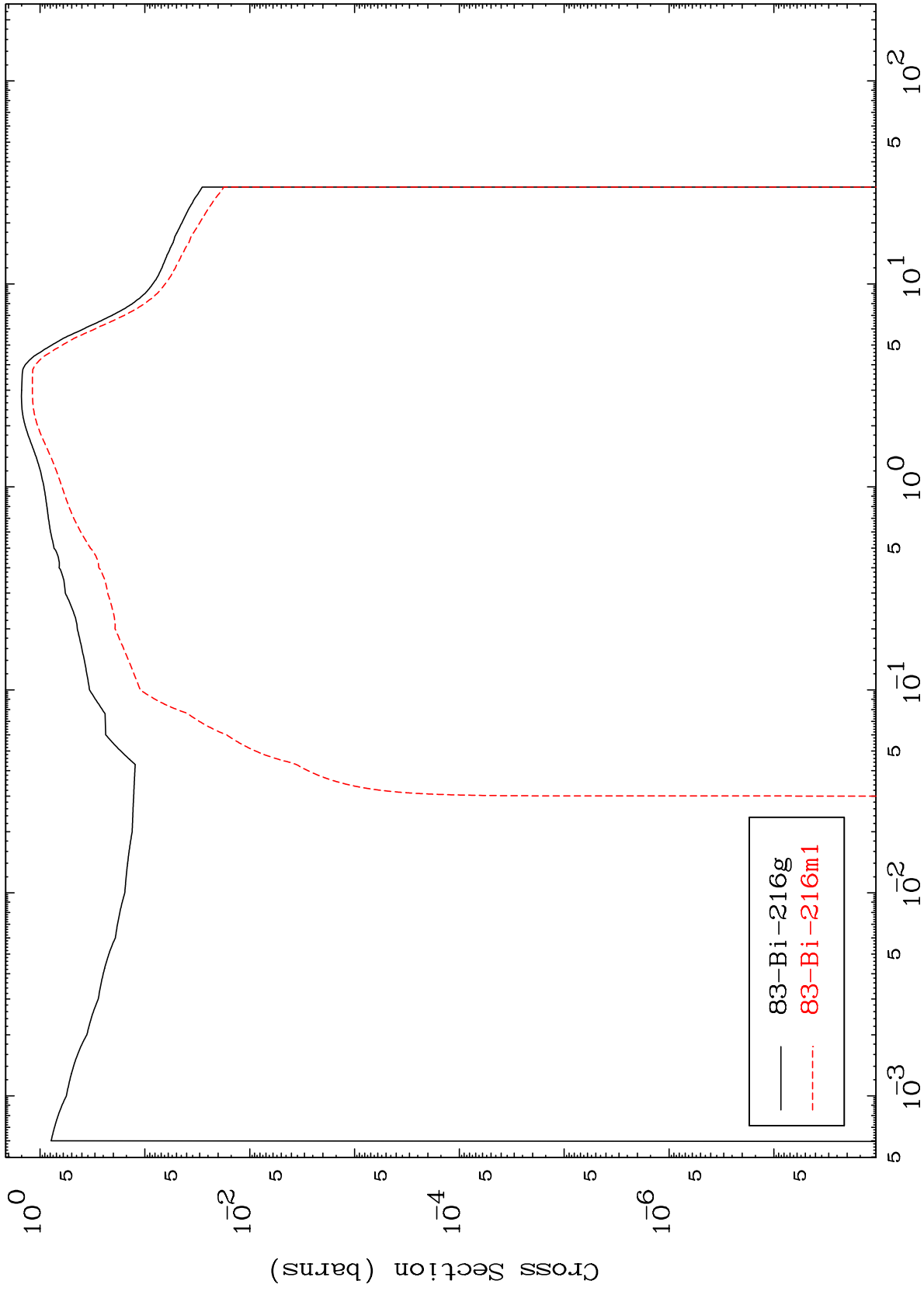


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83-Bi-216

Inelastic  
Radionuclide Production Cross Section



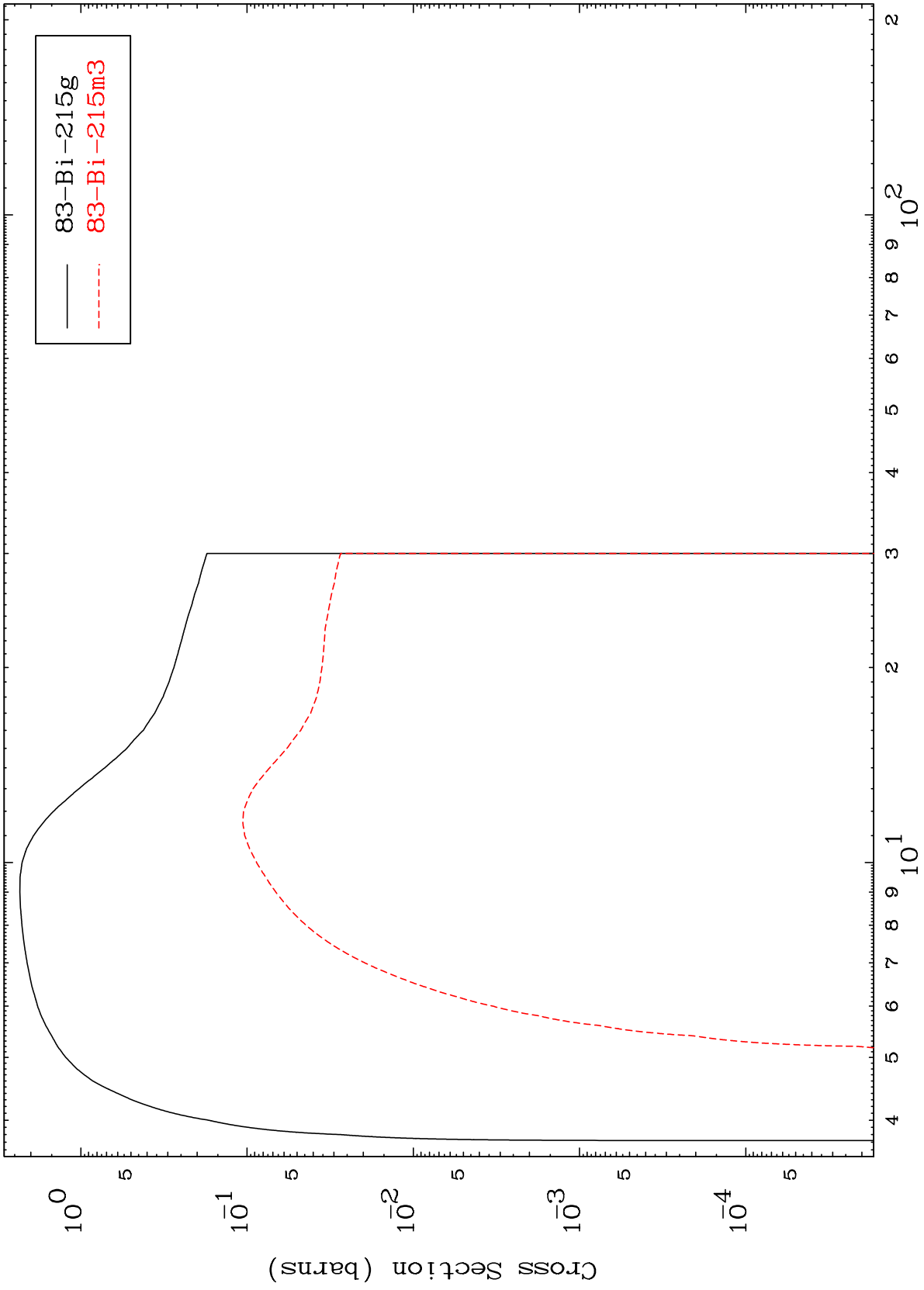
26

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83-Bi-216

(n,2n)  
Radionuclide Production Cross Section



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Incident Energy (MeV)

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