

Program EVALPLOT  
(Version 2018-1)

by

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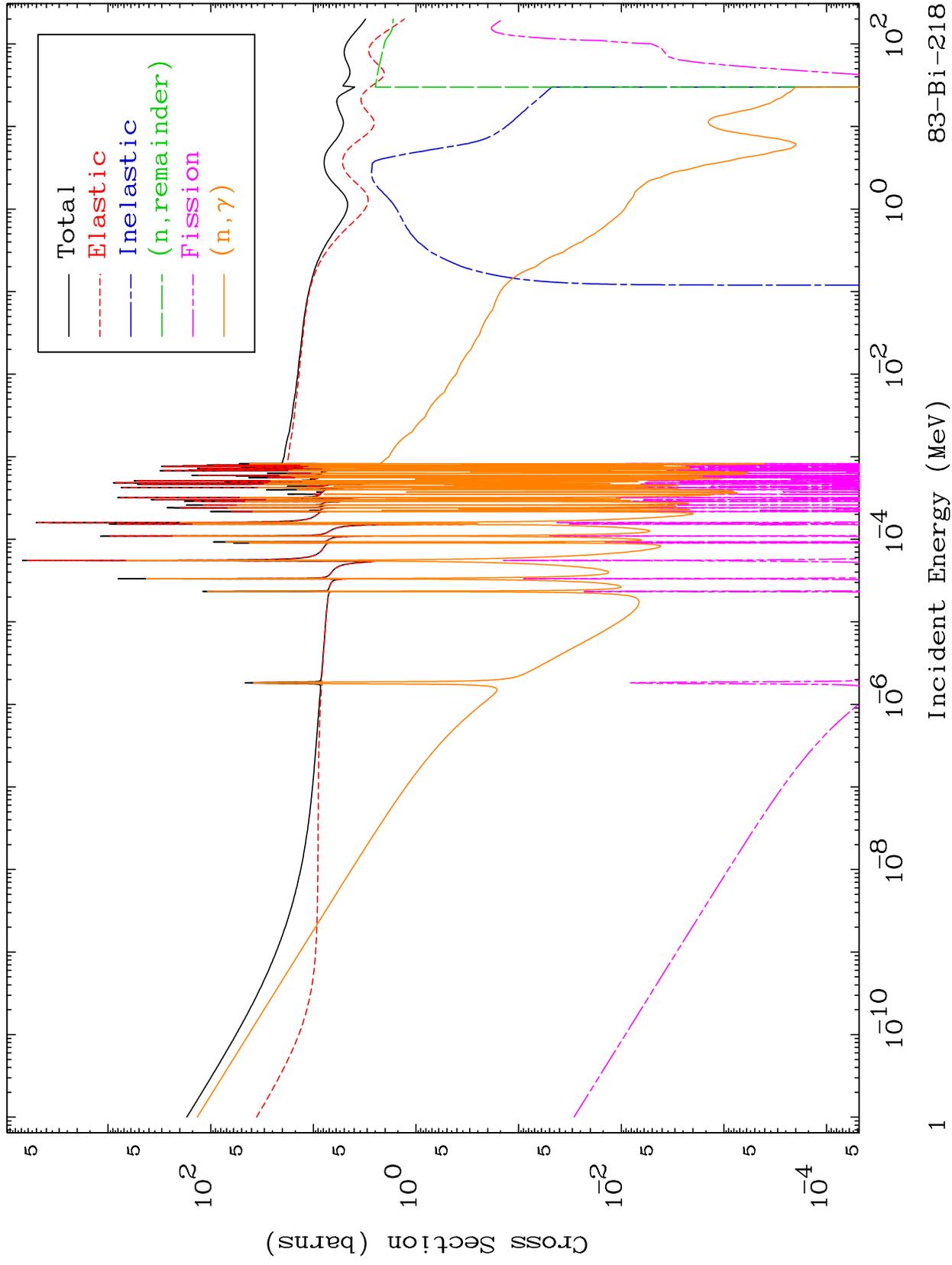
Press Mouse Button to Start

MAT 8352

Major

293 Kelvin Cross Sections

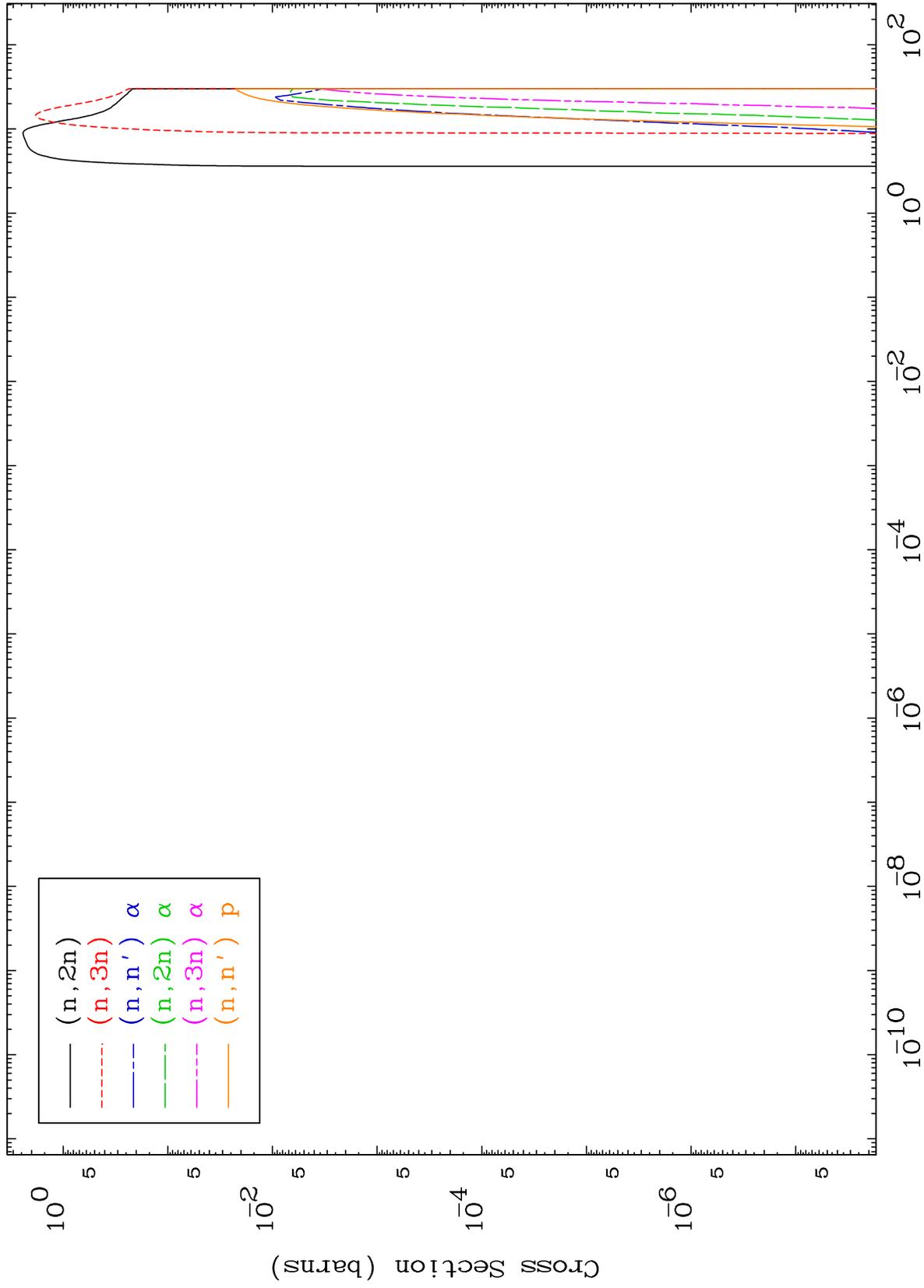
83-Bi-218



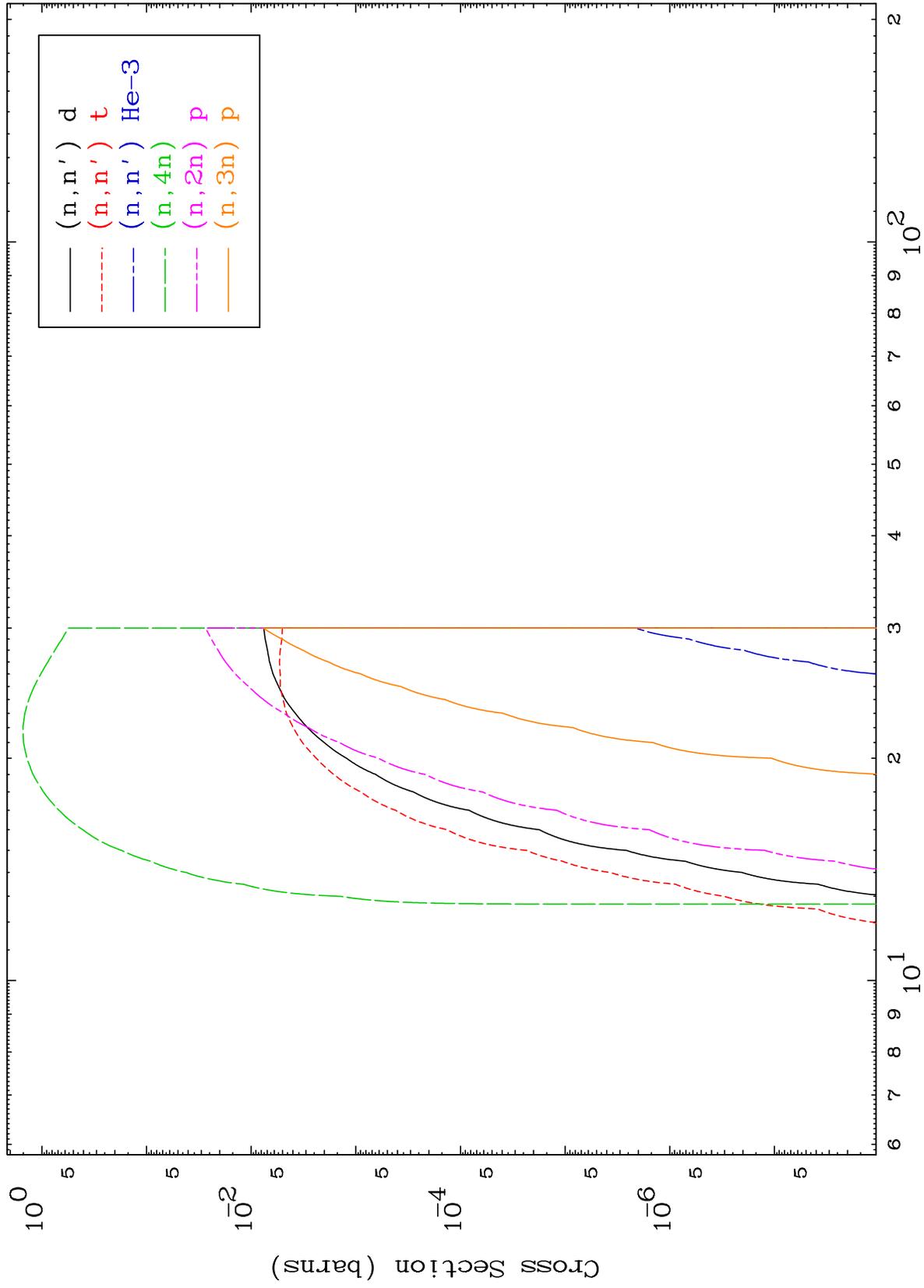
MAT 8352

Neutron Production  
293 Kelvin Cross Sections

83-Bi-218



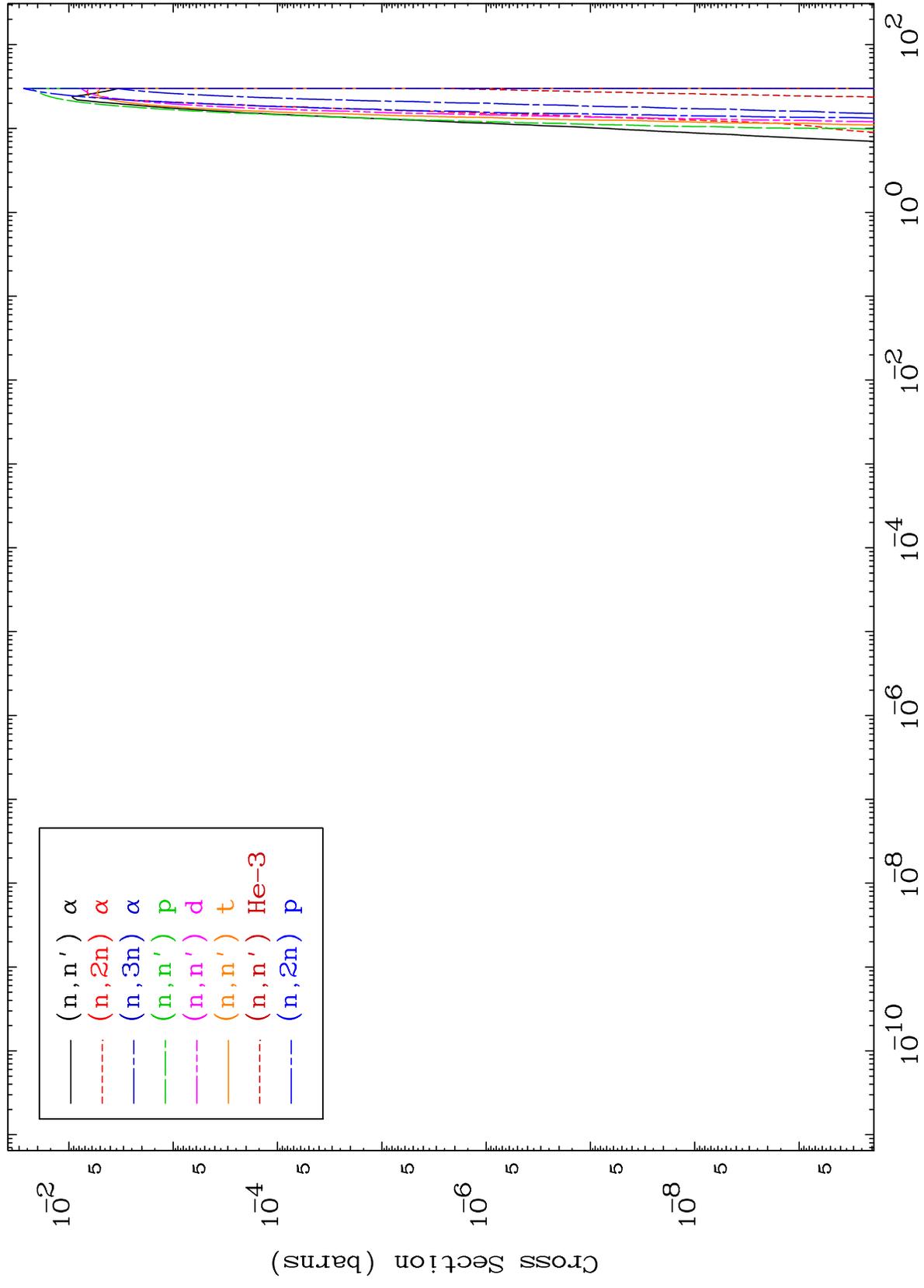
83-Bi-218



MAT 8352

Charged Particle  
293 Kelvin Cross Sections

83-Bi-218

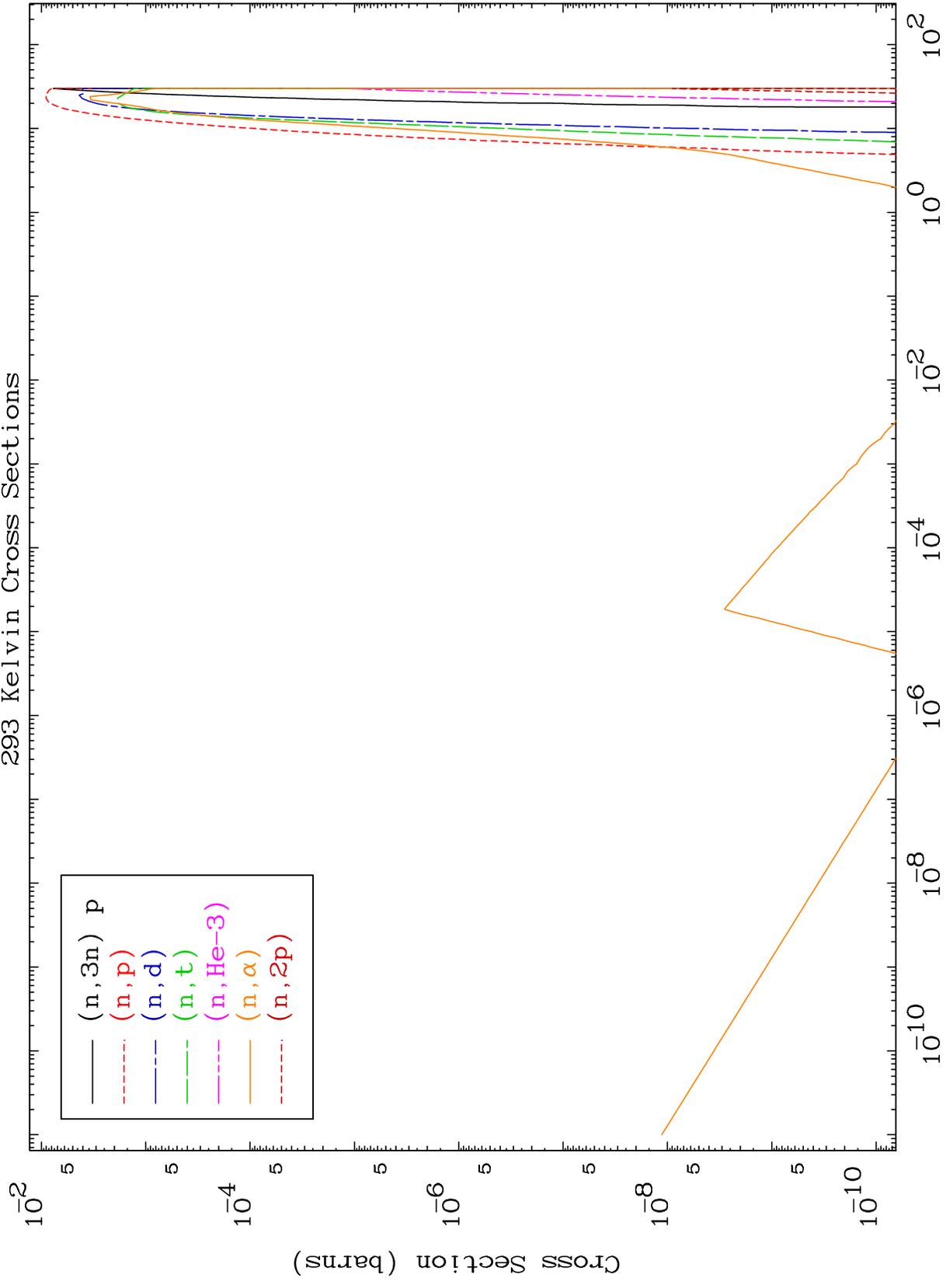


83-Bi-218

MAT 8352

Charged Particle  
293 Kelvin Cross Sections

83-Bi-218



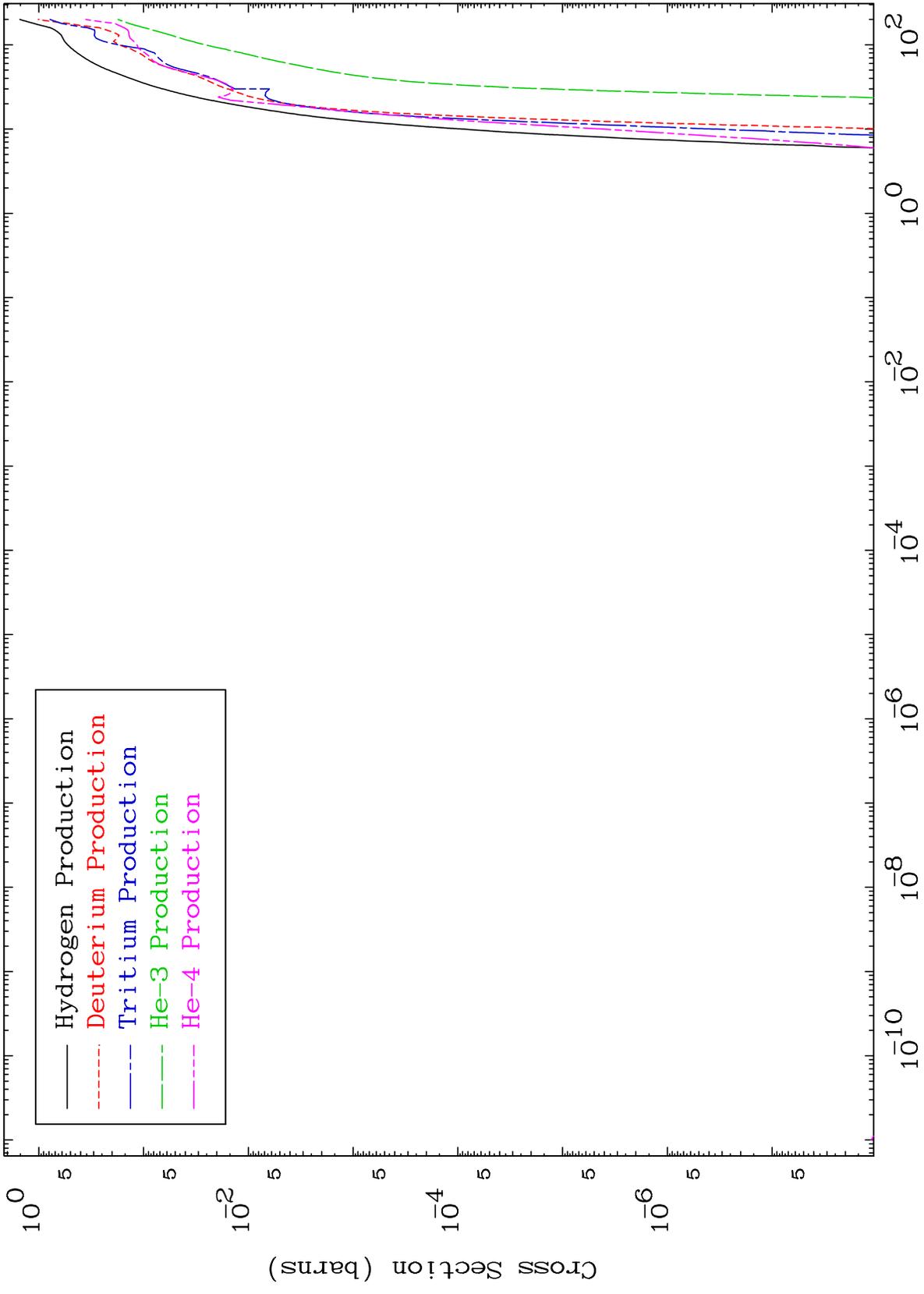
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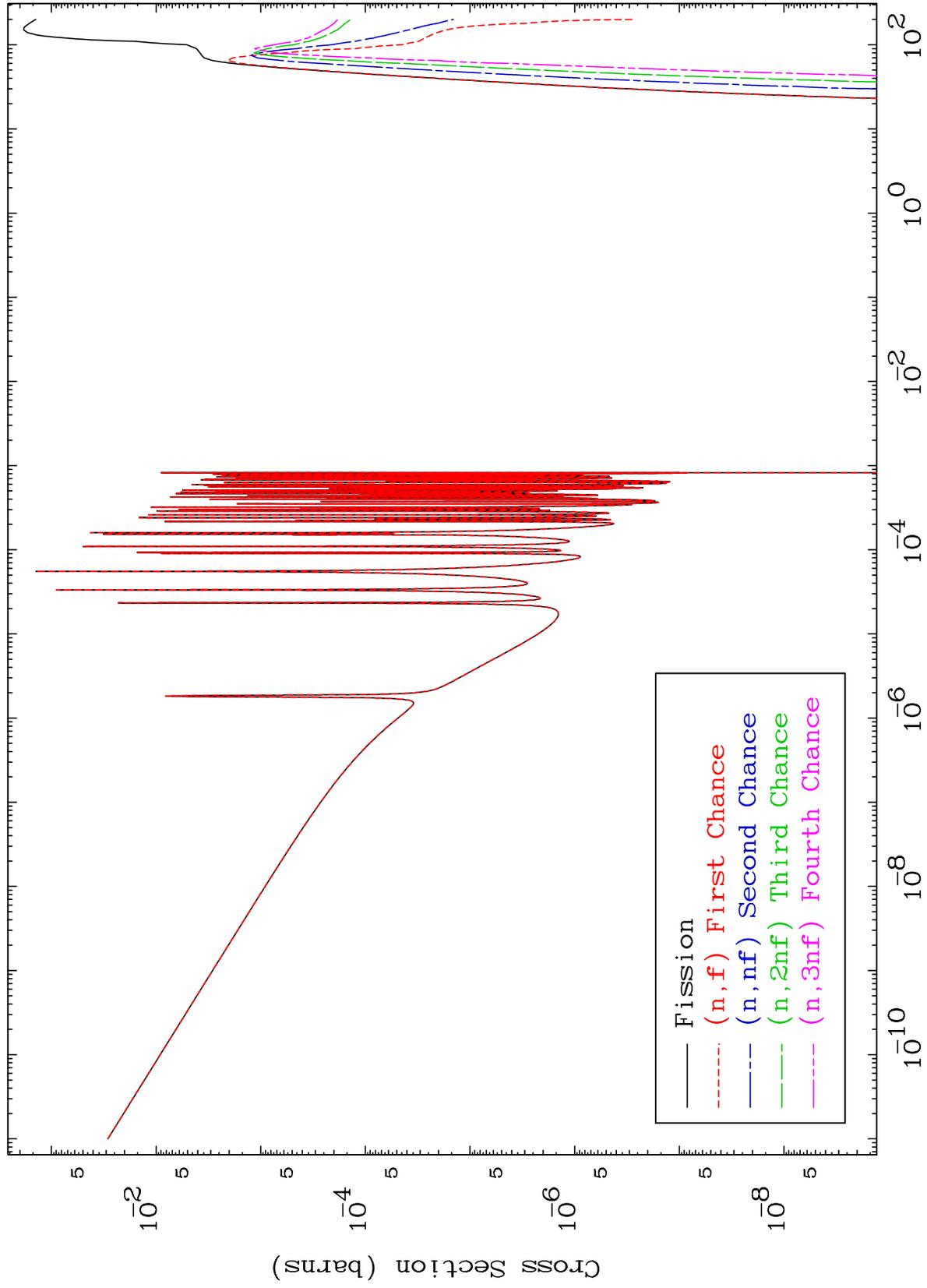
MAT 8352

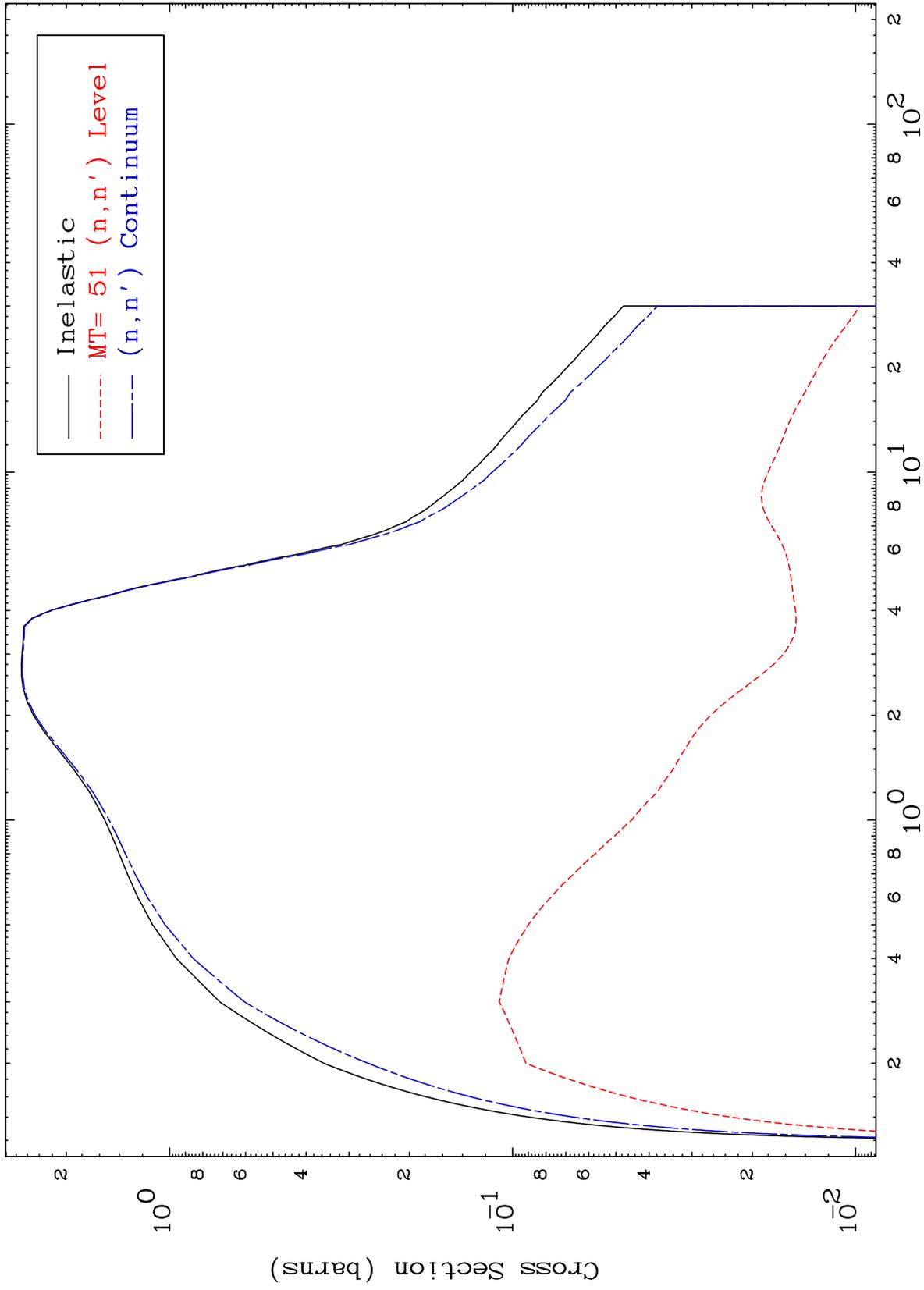
Particle Production  
293 Kelvin Cross Sections

83-Bi-218



83-Bi-218

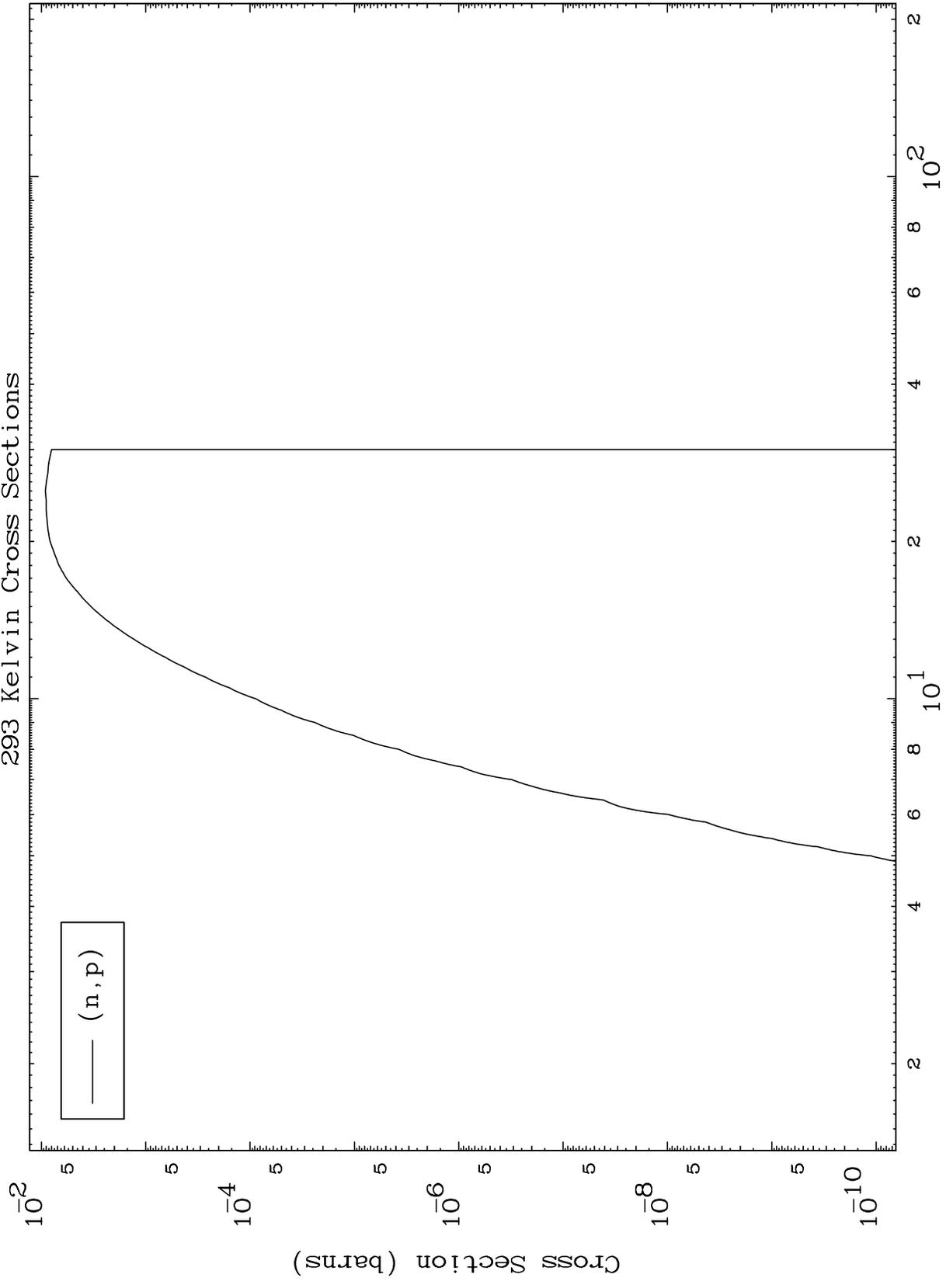




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(n,p) Levels  
293 Kelvin Cross Sections

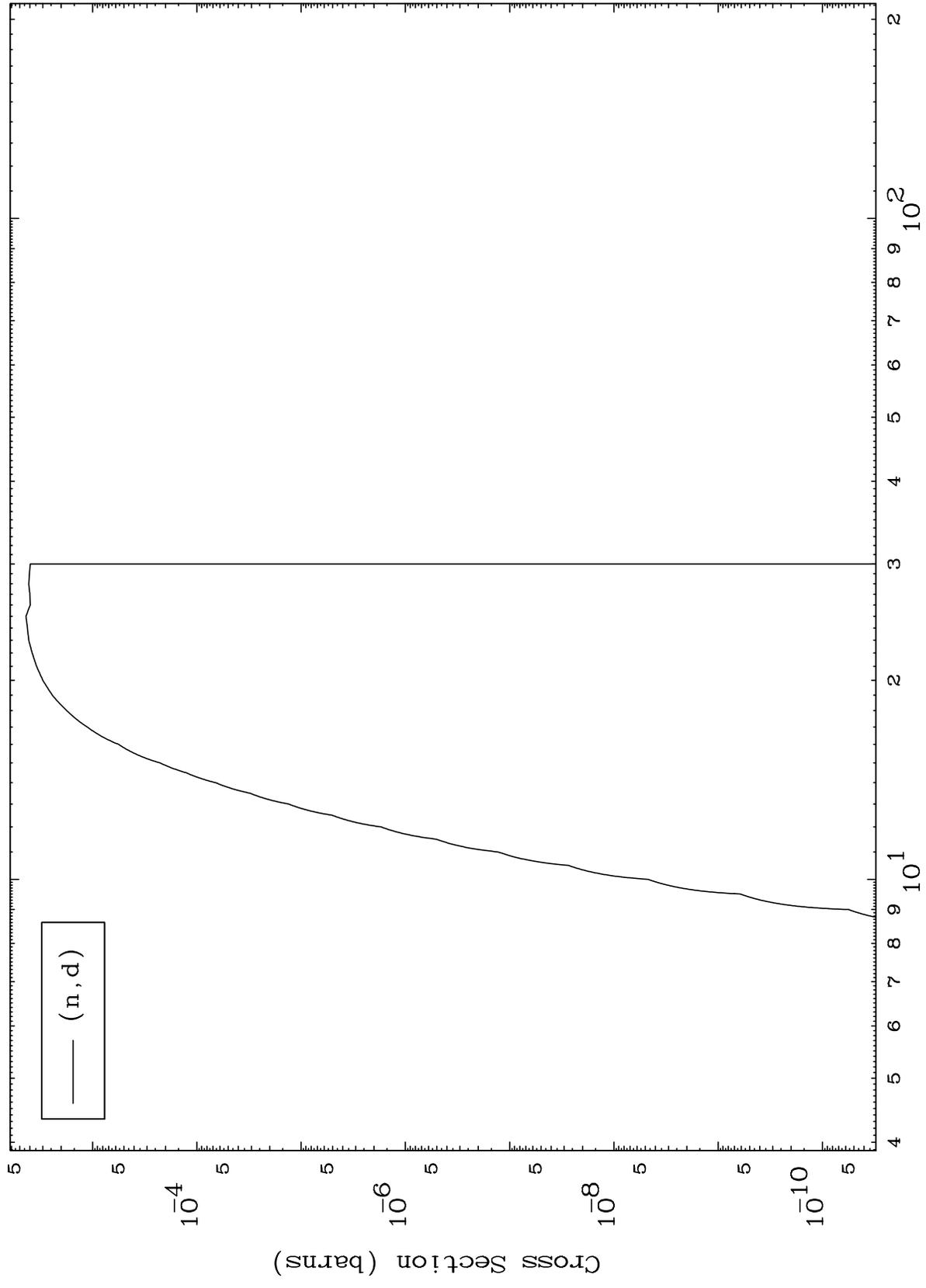
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MAT 8352

(n,d) Levels  
293 Kelvin Cross Sections

83-Bi-218



10

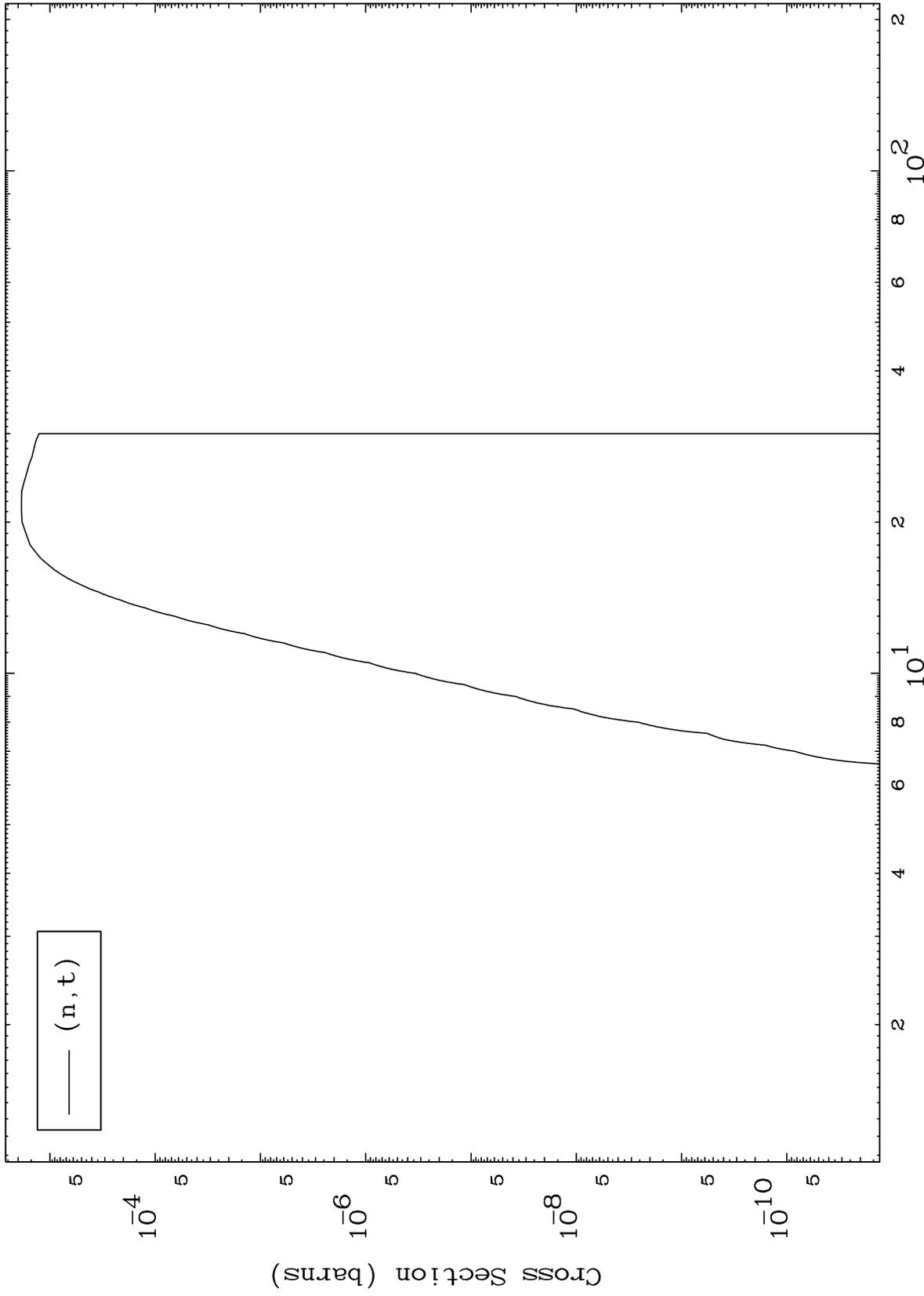
Incident Energy (MeV)

83-Bi-218

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(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-218



11

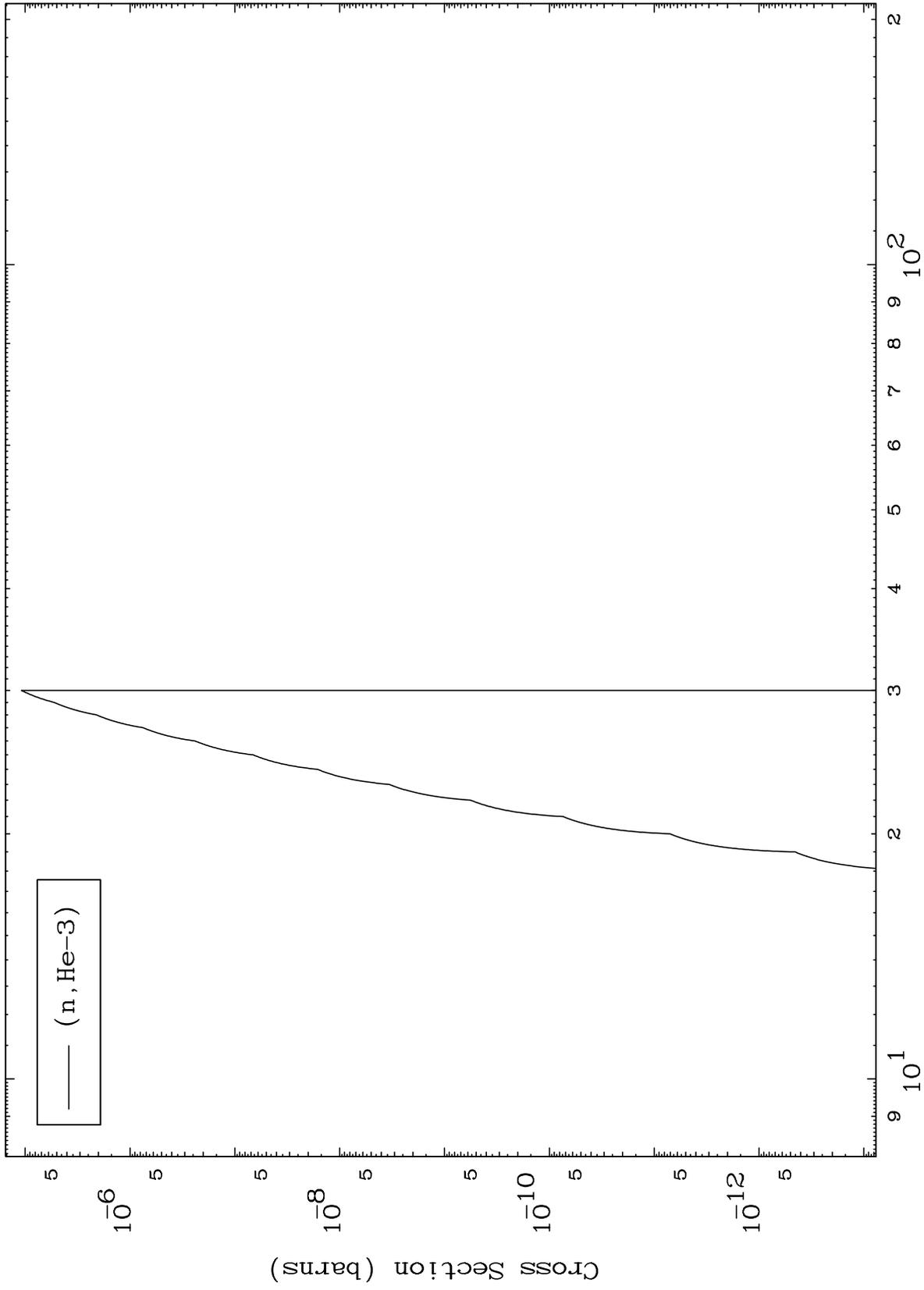
Incident Energy (MeV)

83-Bi-218

MAT 8352

(n,He3) Levels  
293 Kelvin Cross Sections

83-Bi-218



12

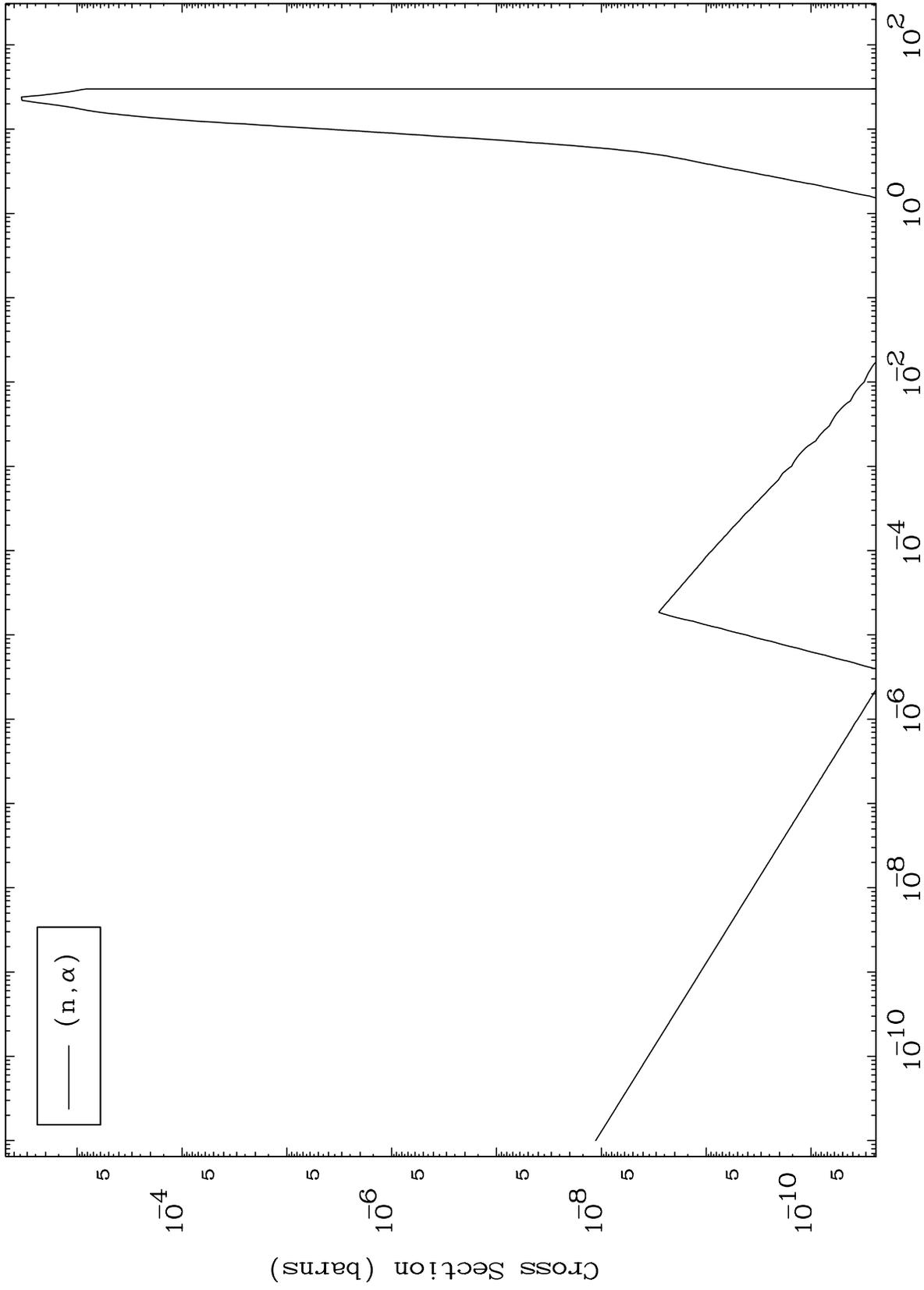
Incident Energy (MeV)

83-Bi-218

MAT 8352

(n,α) Levels  
293 Kelvin Cross Sections

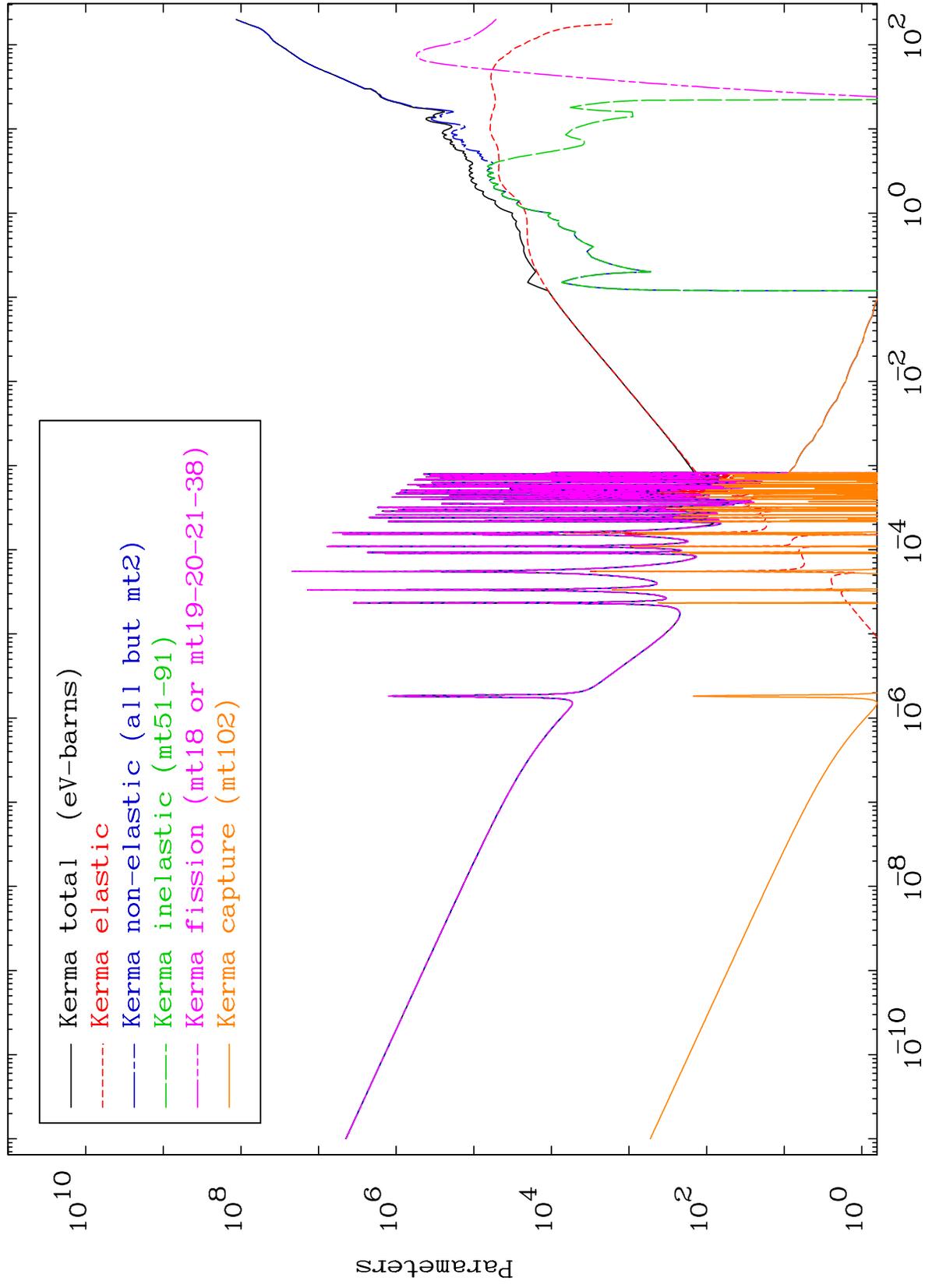
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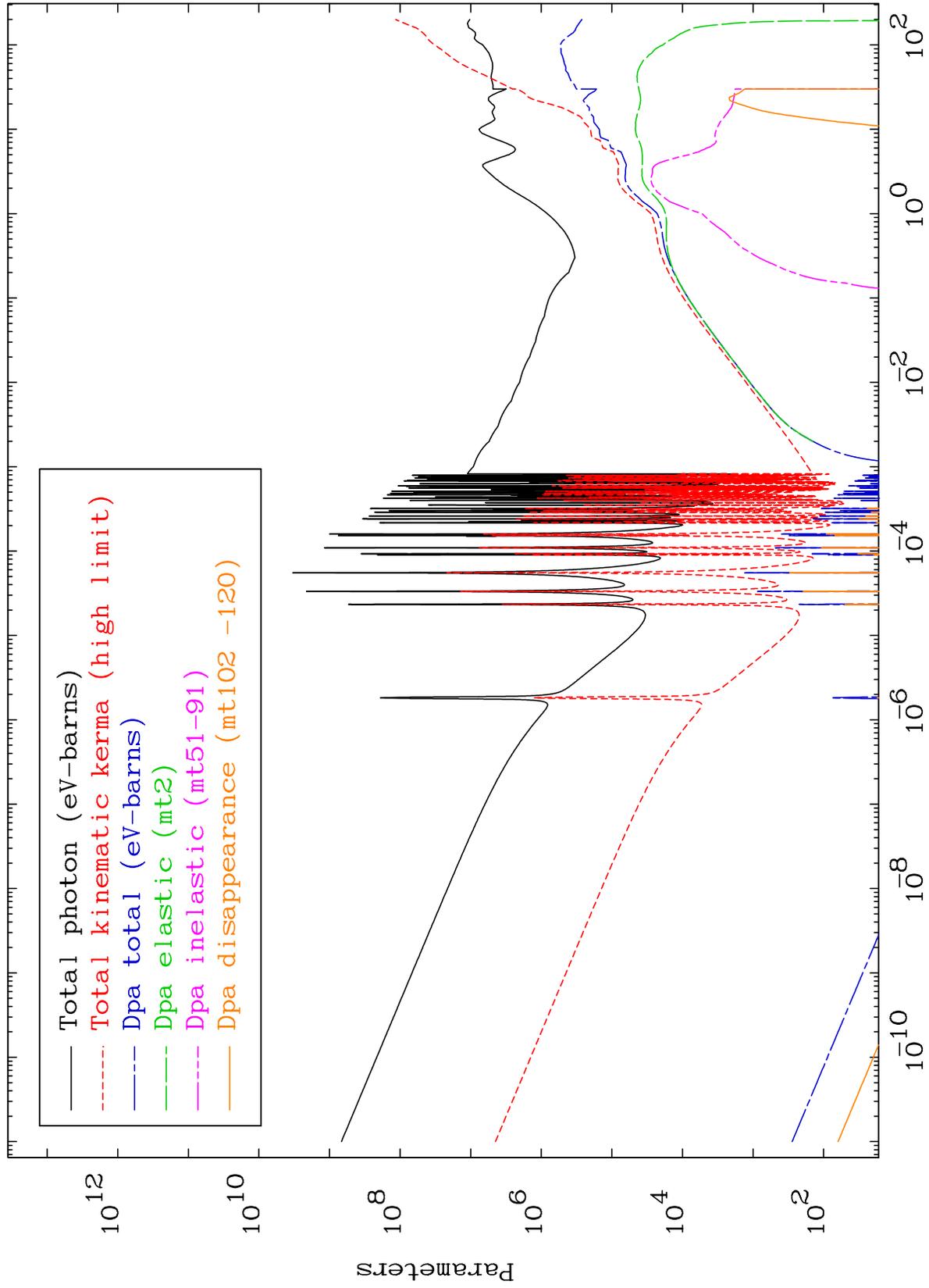


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Incident Energy (MeV)

83-Bi-218

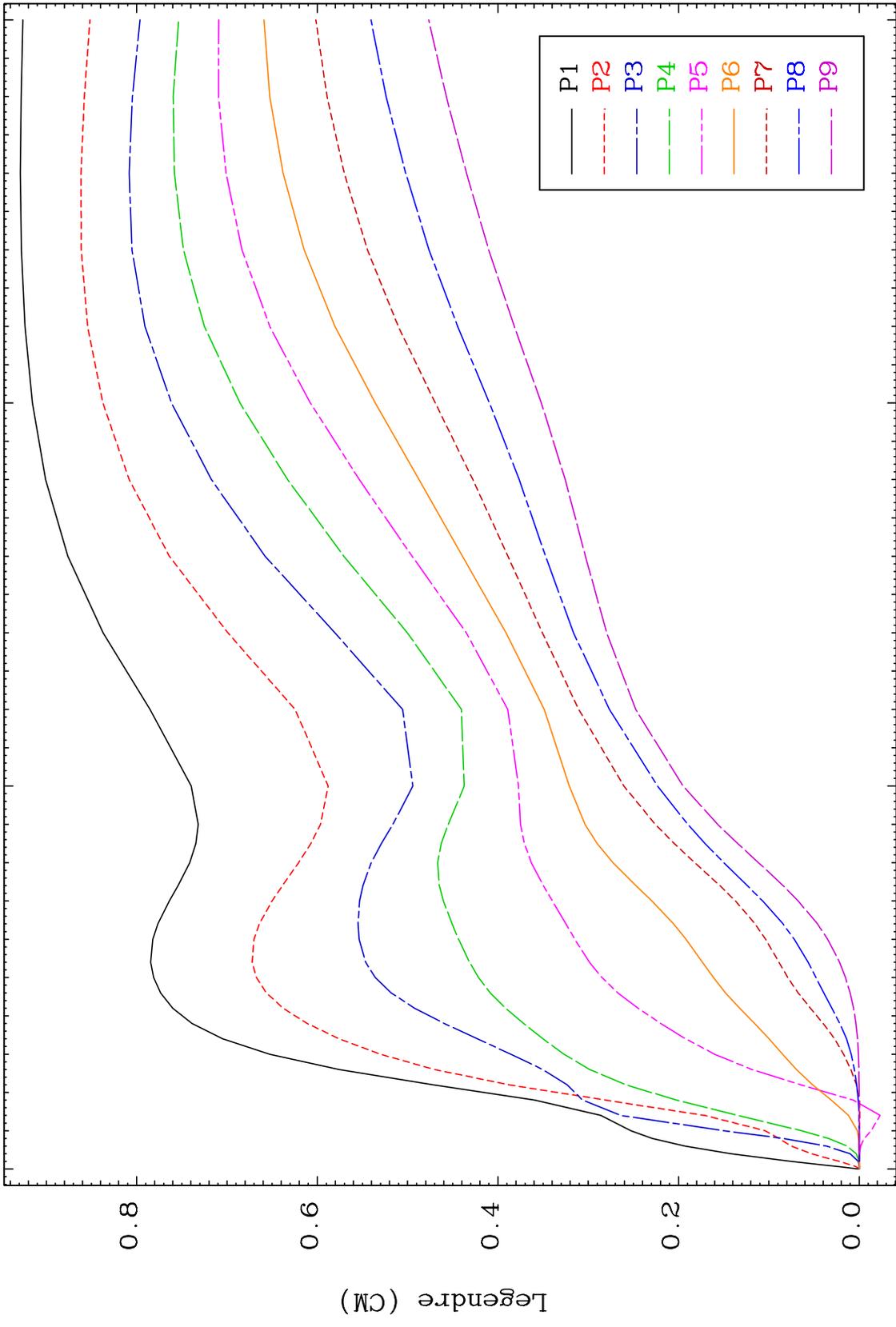




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Elastic Legendre Coefficients

83-Bi-218



16

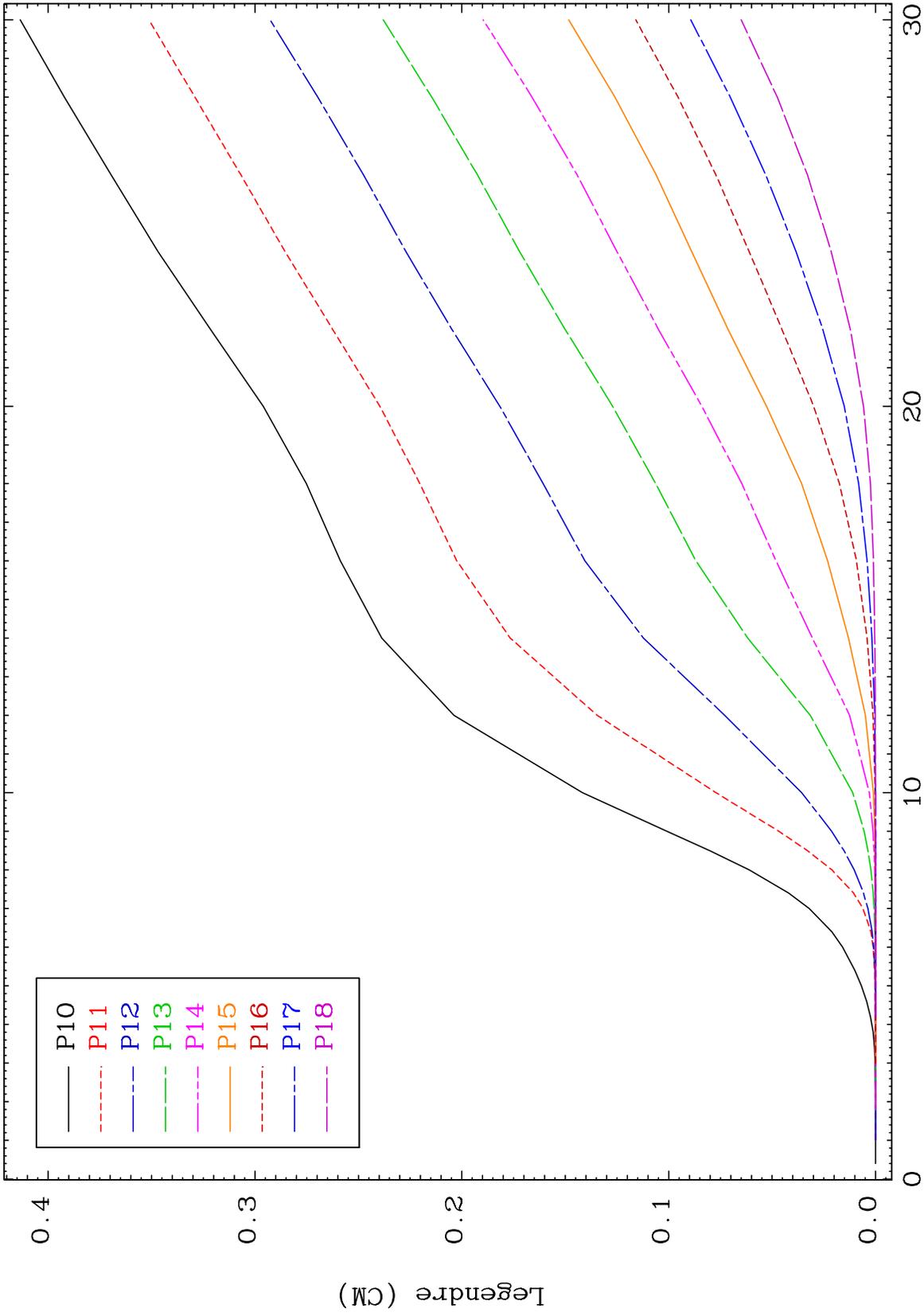
Incident Energy (MeV)

83-Bi-218

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Elastic Legendre Coefficients

83-Bi-218



17

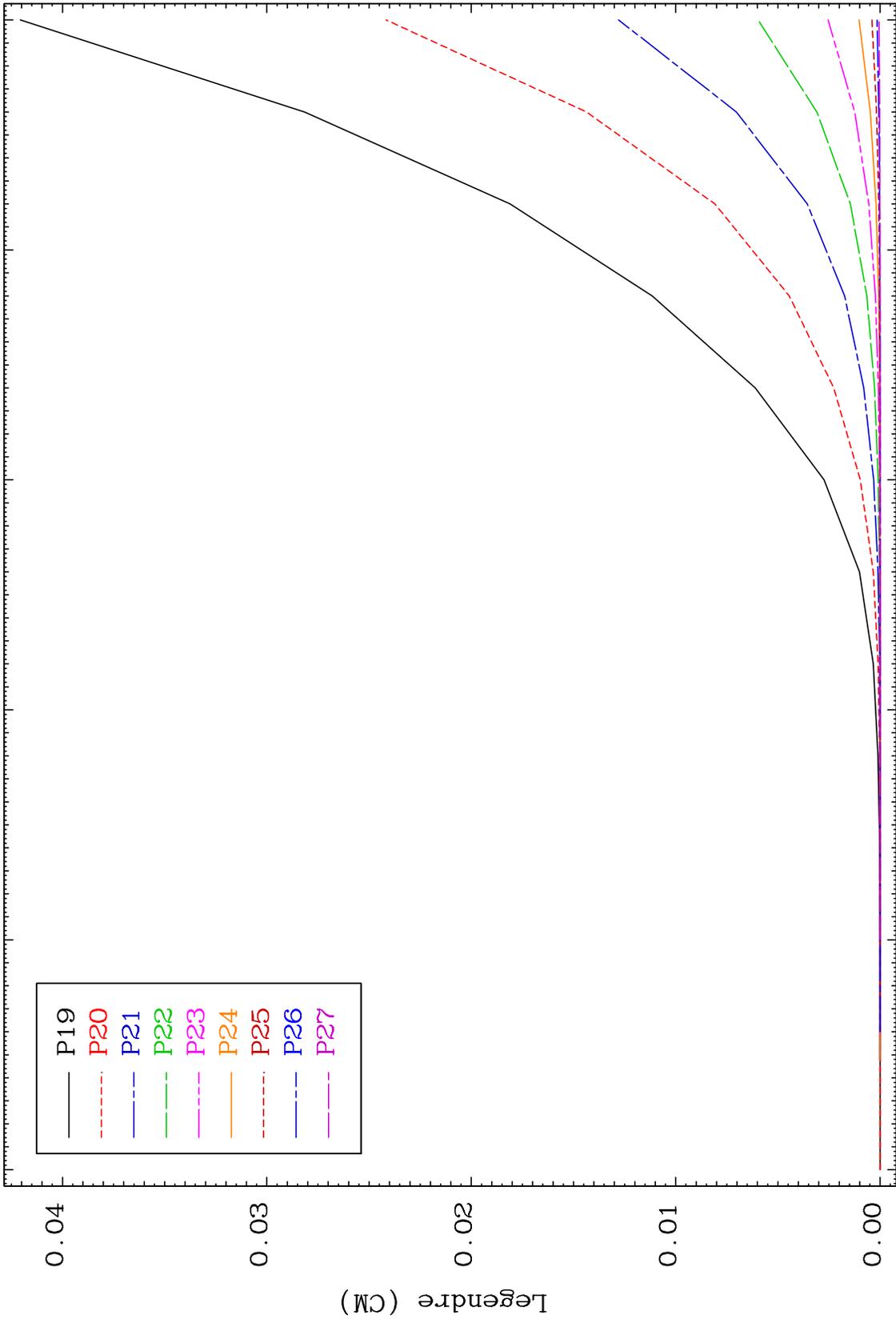
Incident Energy (MeV)

83-Bi-218

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### Elastic Legendre Coefficients

83-Bi-218



18

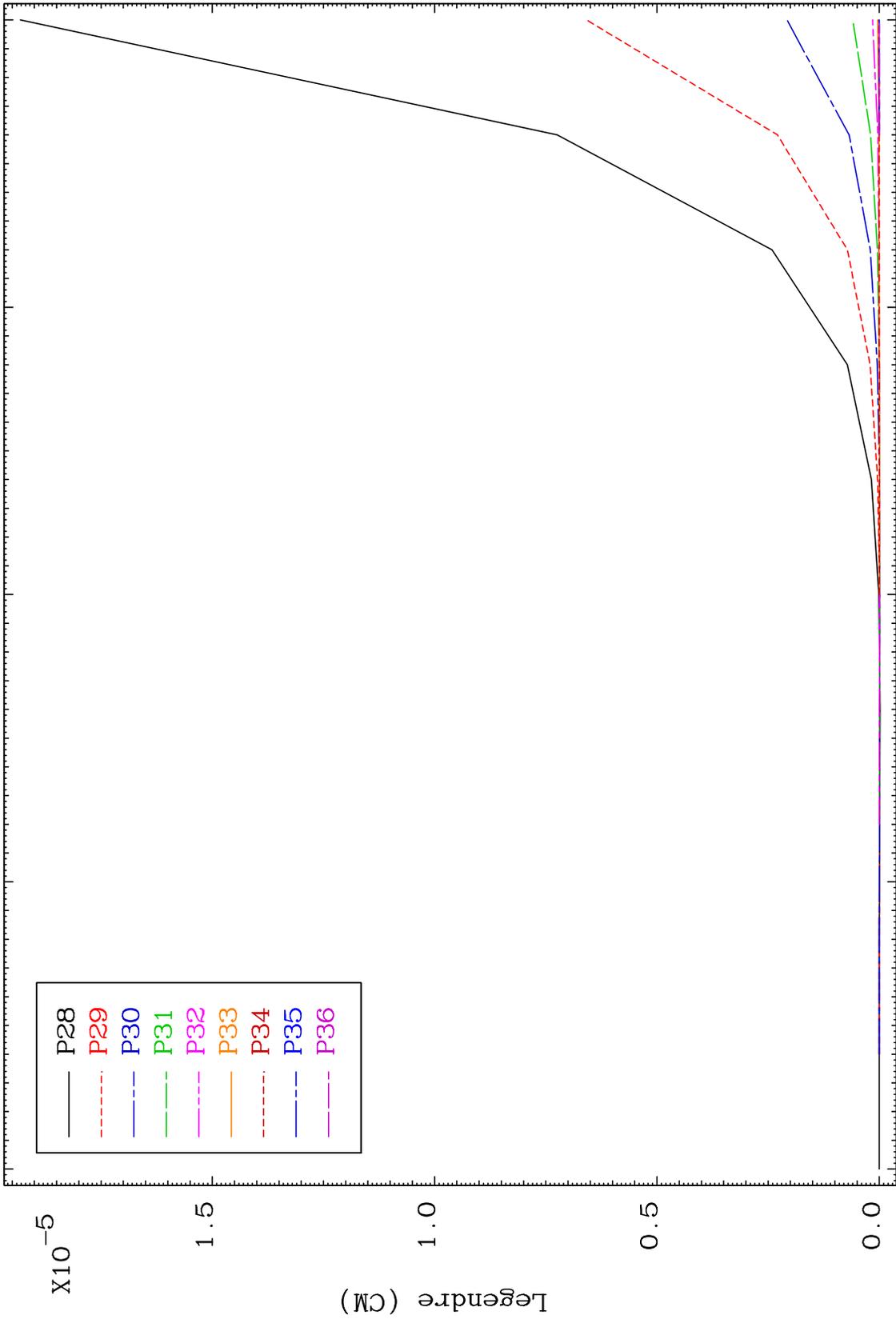
Incident Energy (MeV)

83-Bi-218

MAT 8352

Elastic Legendre Coefficients

83-Bi-218



19

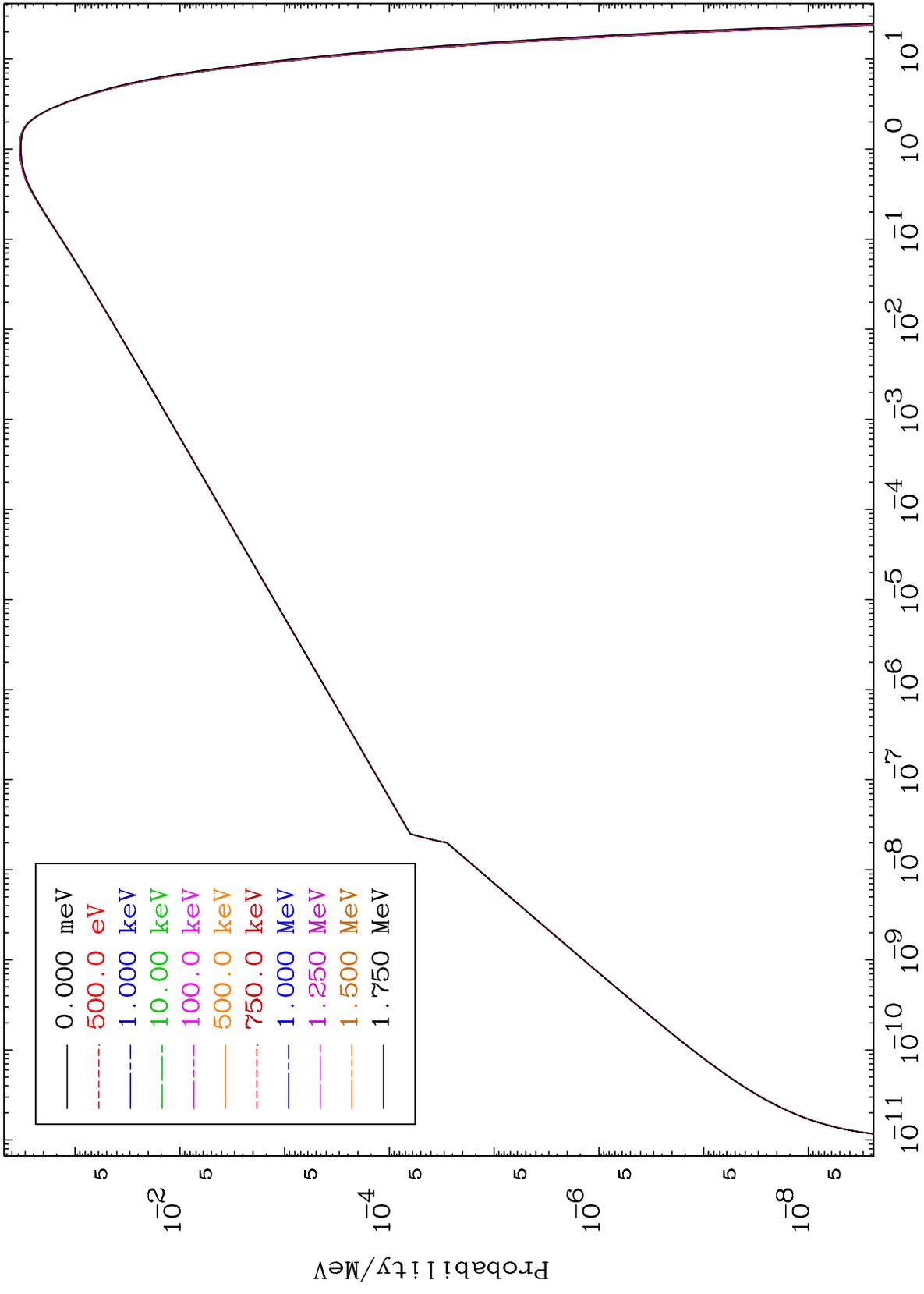
Incident Energy (MeV)

83-Bi-218

MAT 8352

### Fission Energy Distribution

83-Bi-218

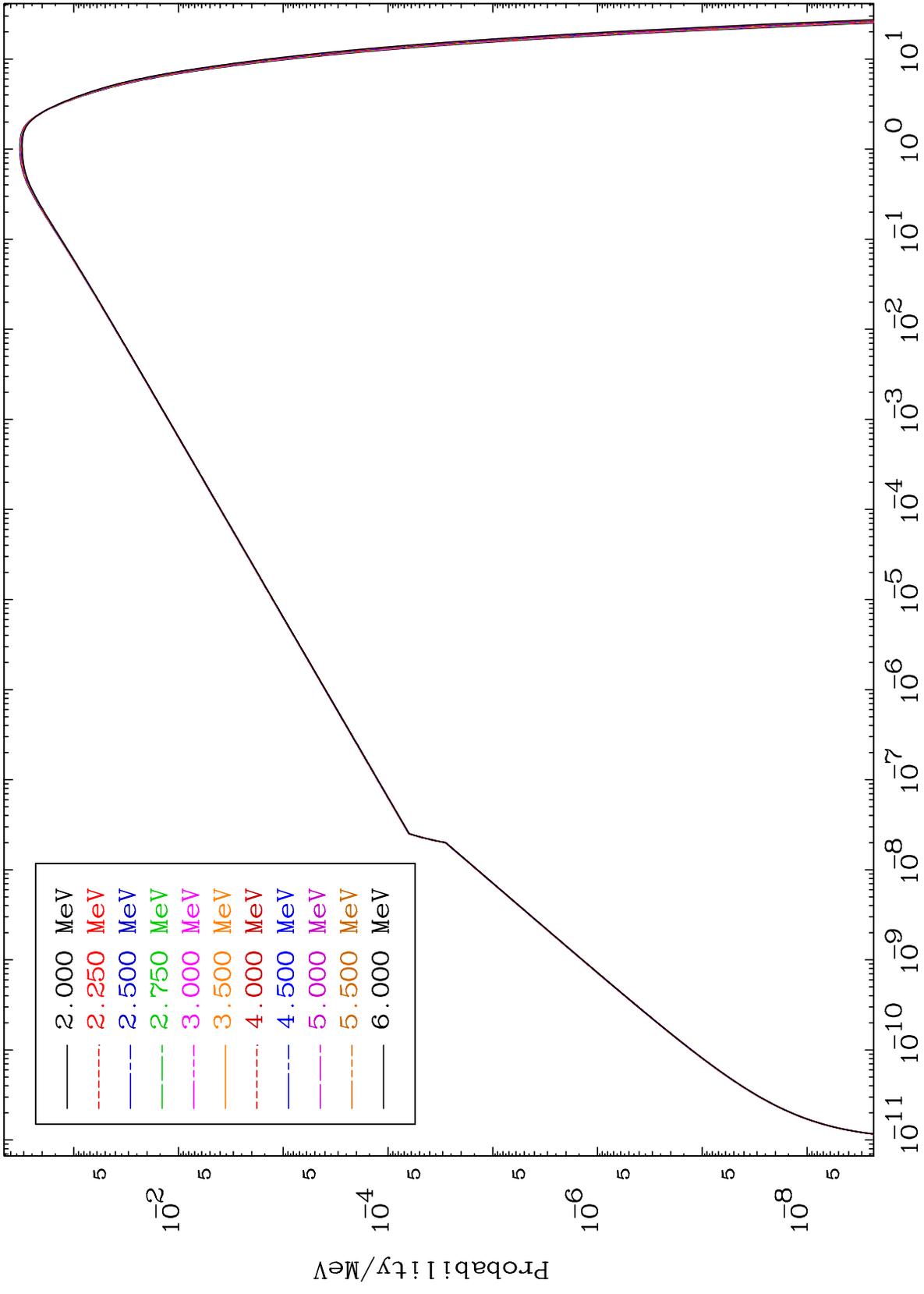


83-Bi-218

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### Fission Energy Distribution

83-Bi-218

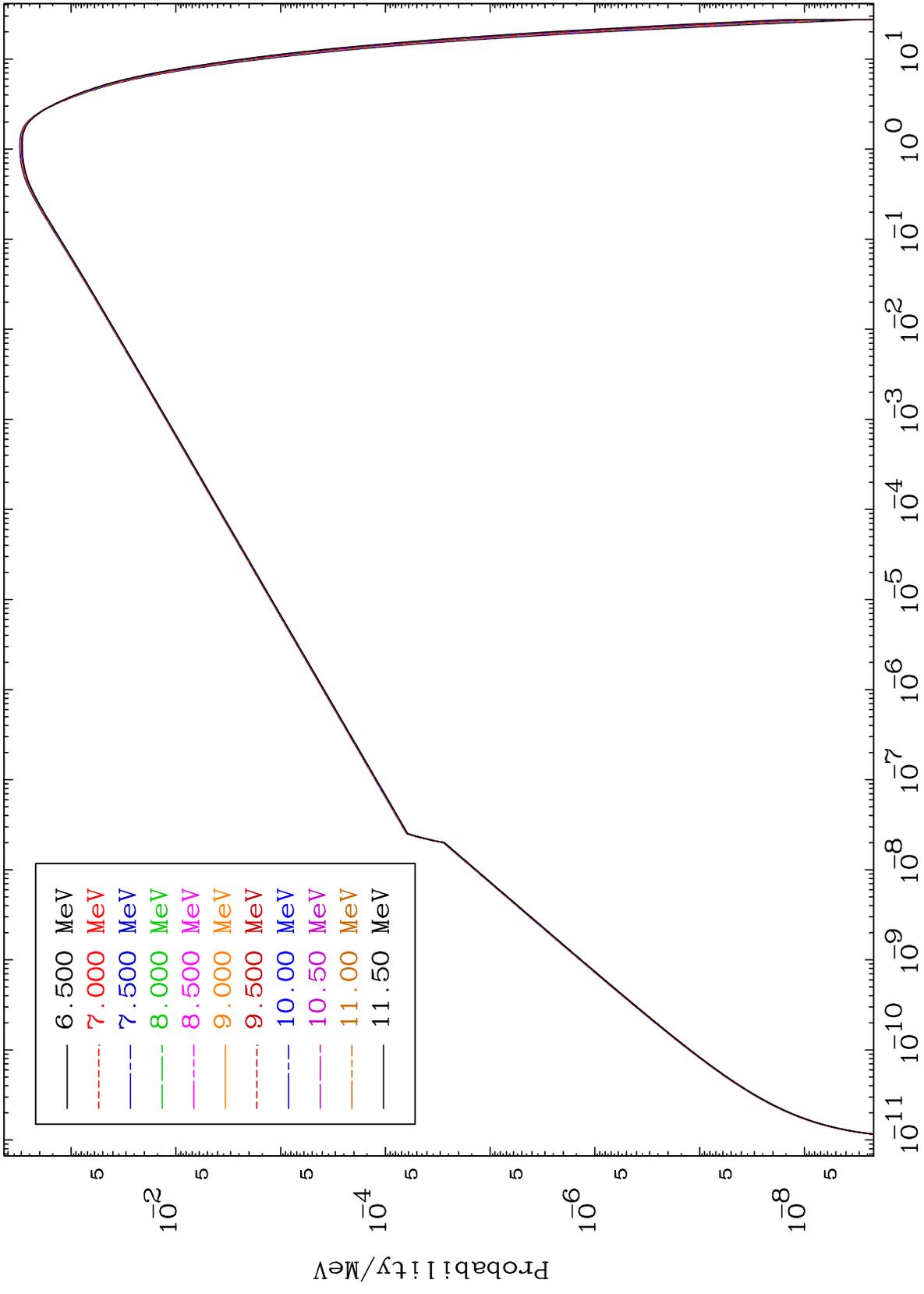


83-Bi-218

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### Fission Energy Distribution

83-Bi-218

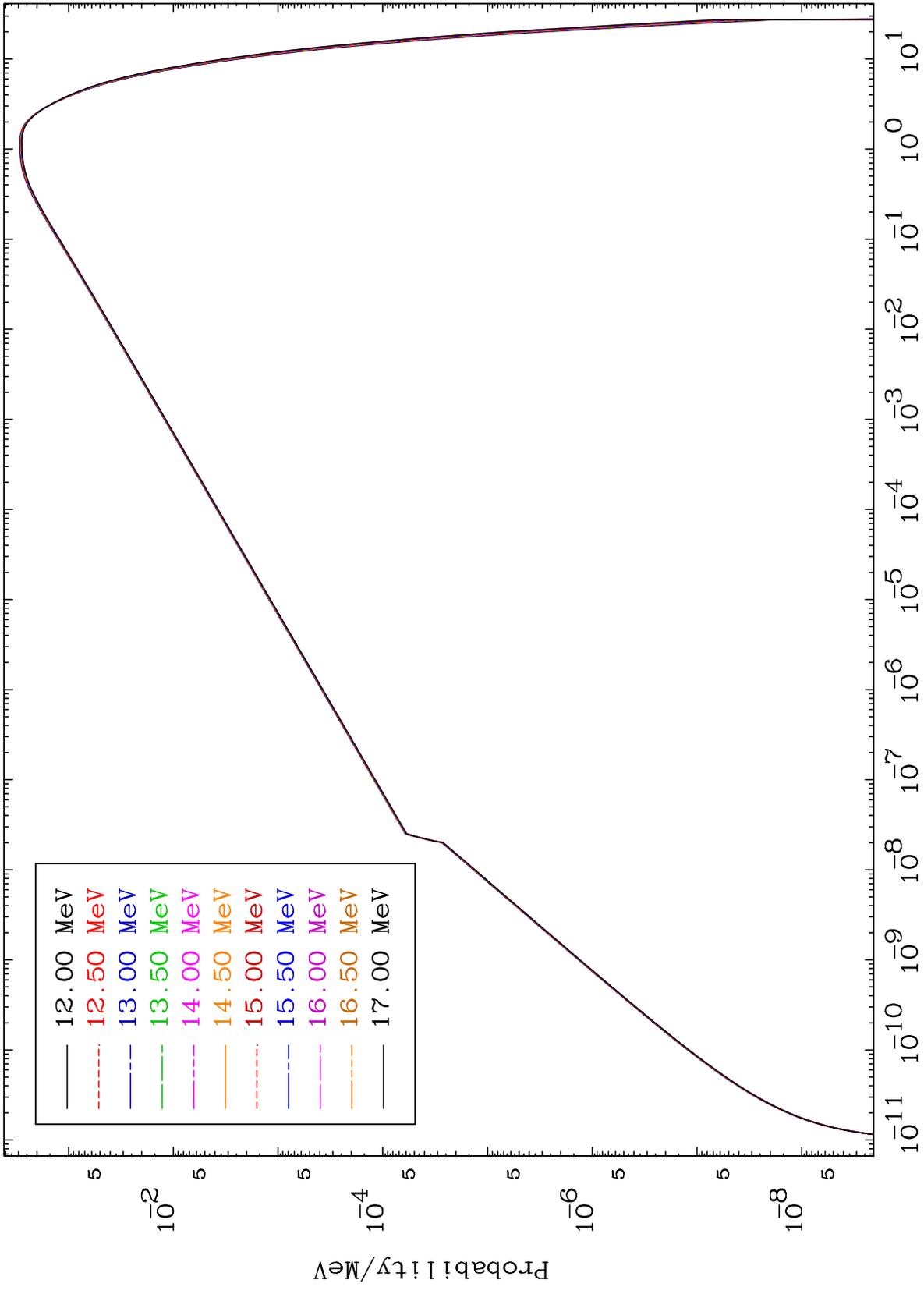


83-Bi-218

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### Fission Energy Distribution

83-Bi-218

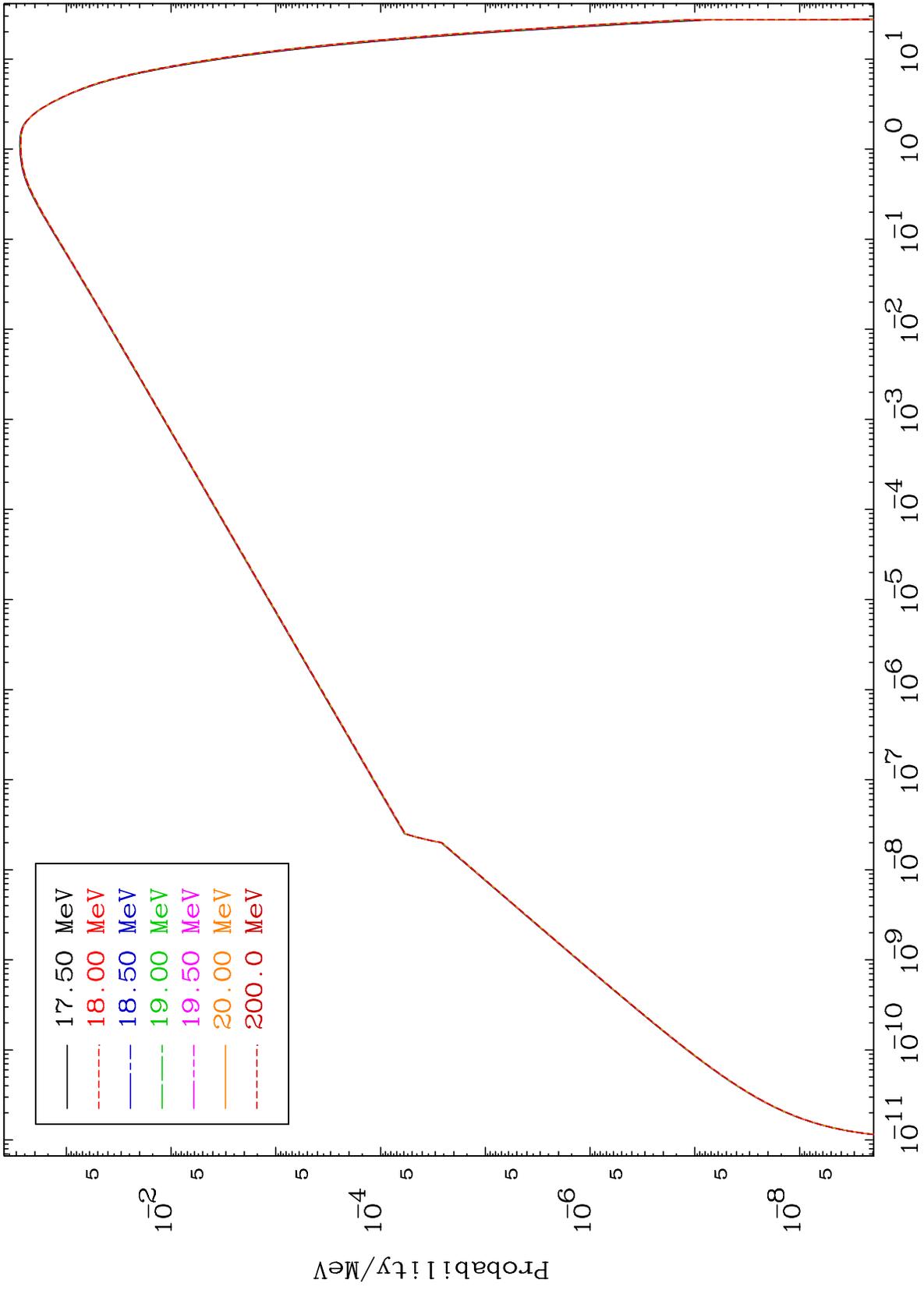


83-Bi-218

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### Fission Energy Distribution

83-Bi-218



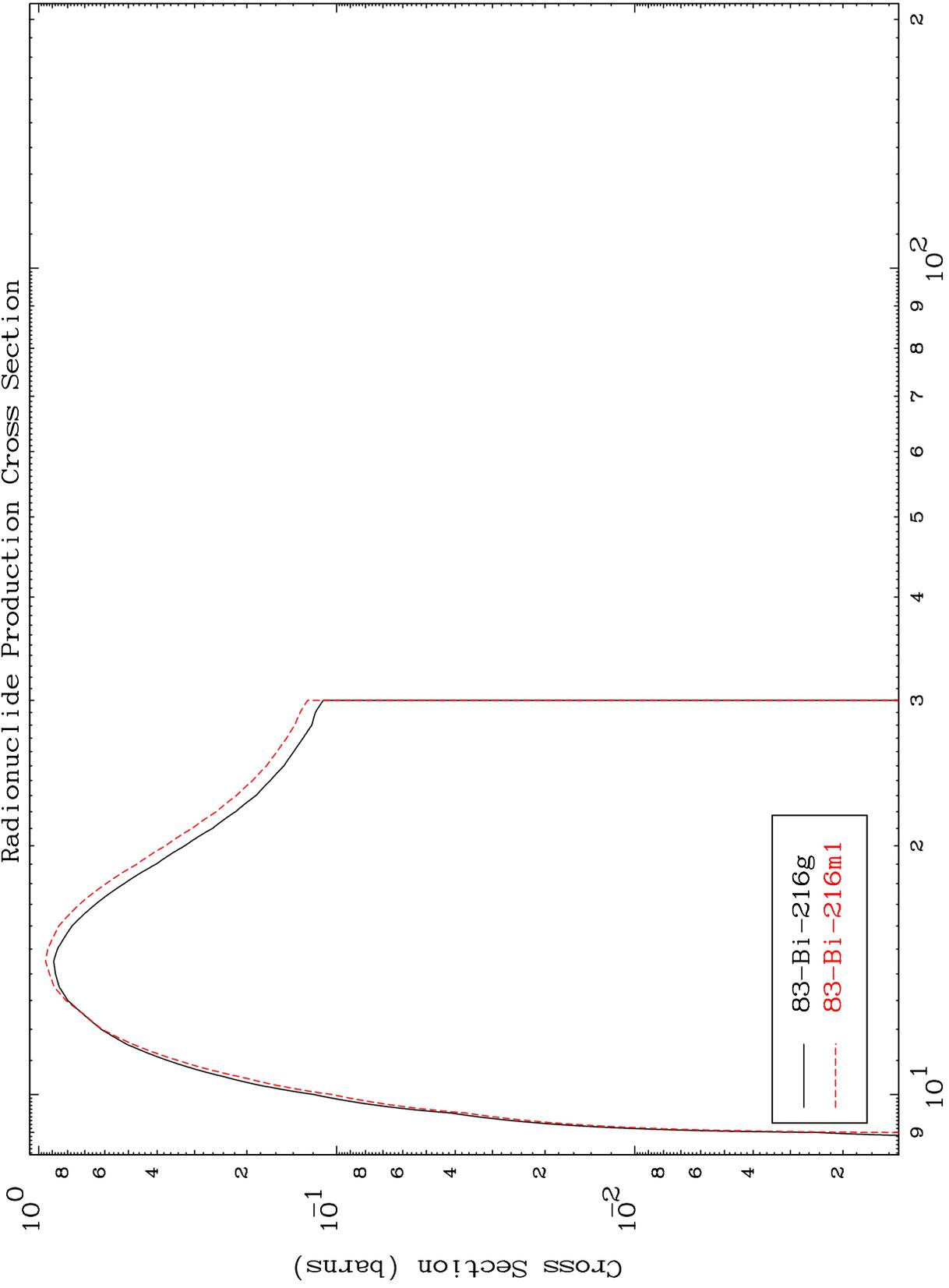
- 17.50 MeV
- 18.00 MeV
- 18.50 MeV
- 19.00 MeV
- 19.50 MeV
- 20.00 MeV
- 200.0 MeV

83-Bi-218

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83-Bi-218

(n,3n)  
Radionuclide Production Cross Section



25

Incident Energy (MeV)

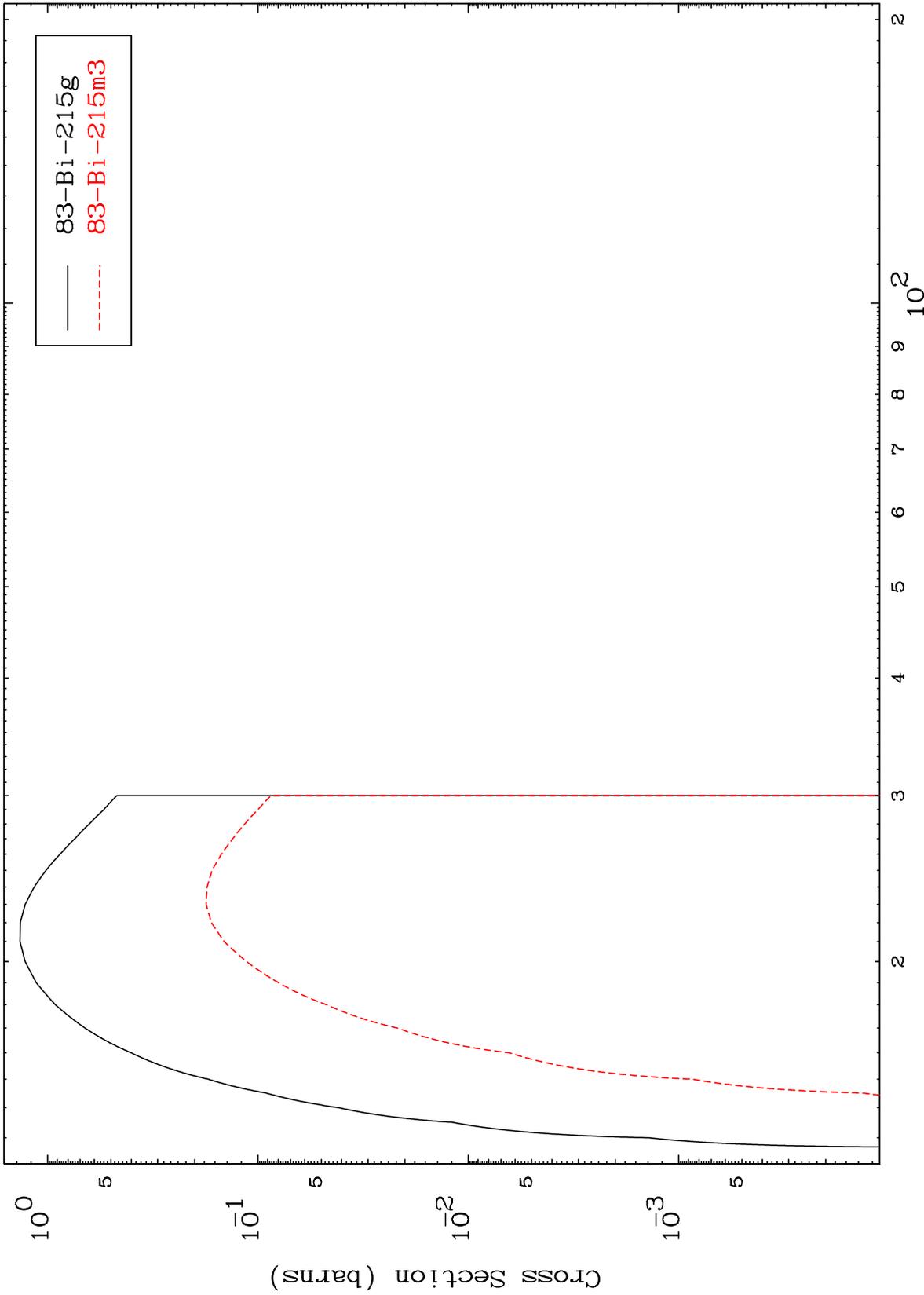
83-Bi-218

MAT 8352

(n,4n)

83-Bi-218

Radionuclide Production Cross Section



26

Incident Energy (MeV)

83-Bi-218