

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

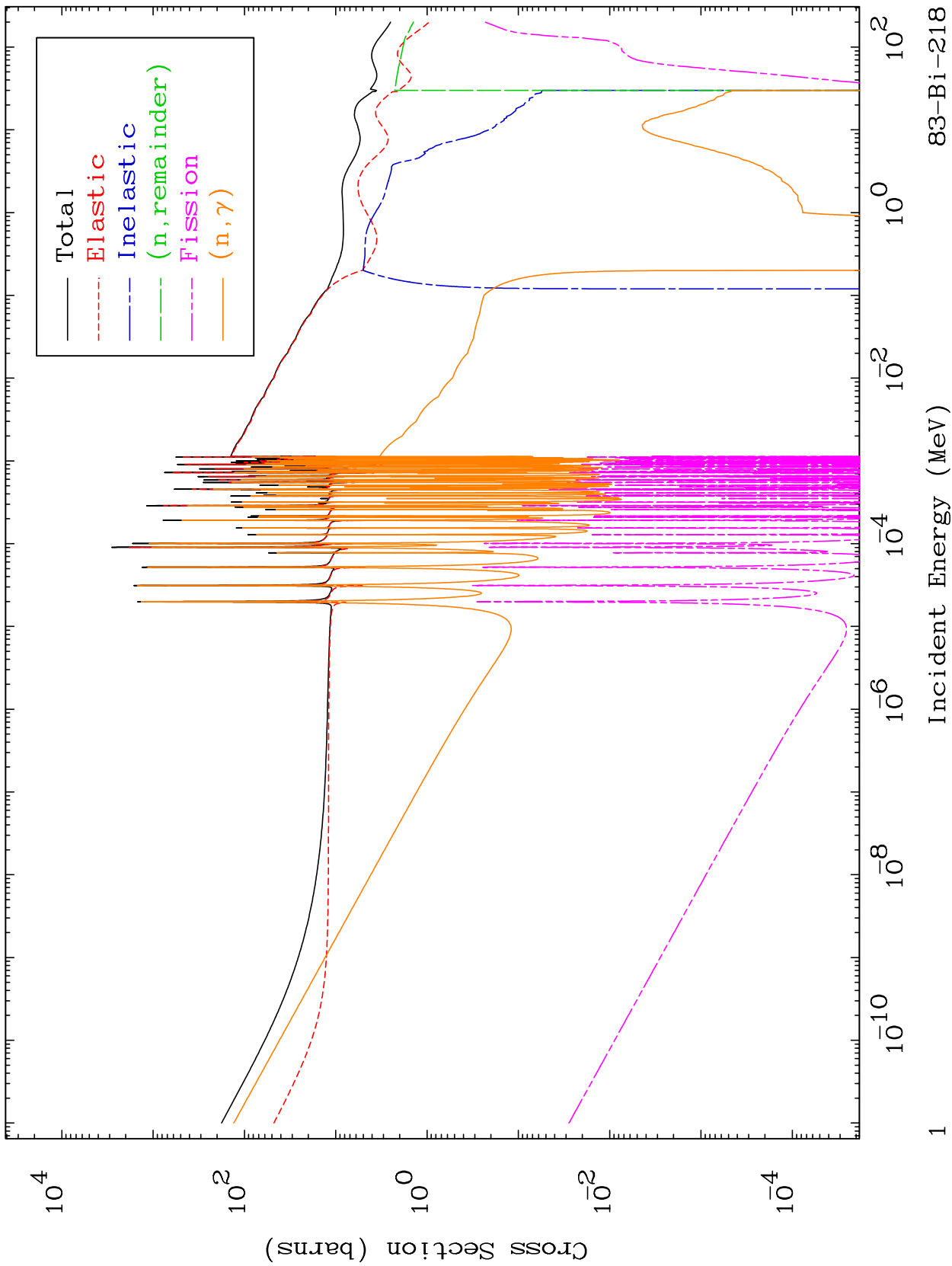
Press Mouse Button to Start

MAT 8352

Major

293 Kelvin Cross Sections

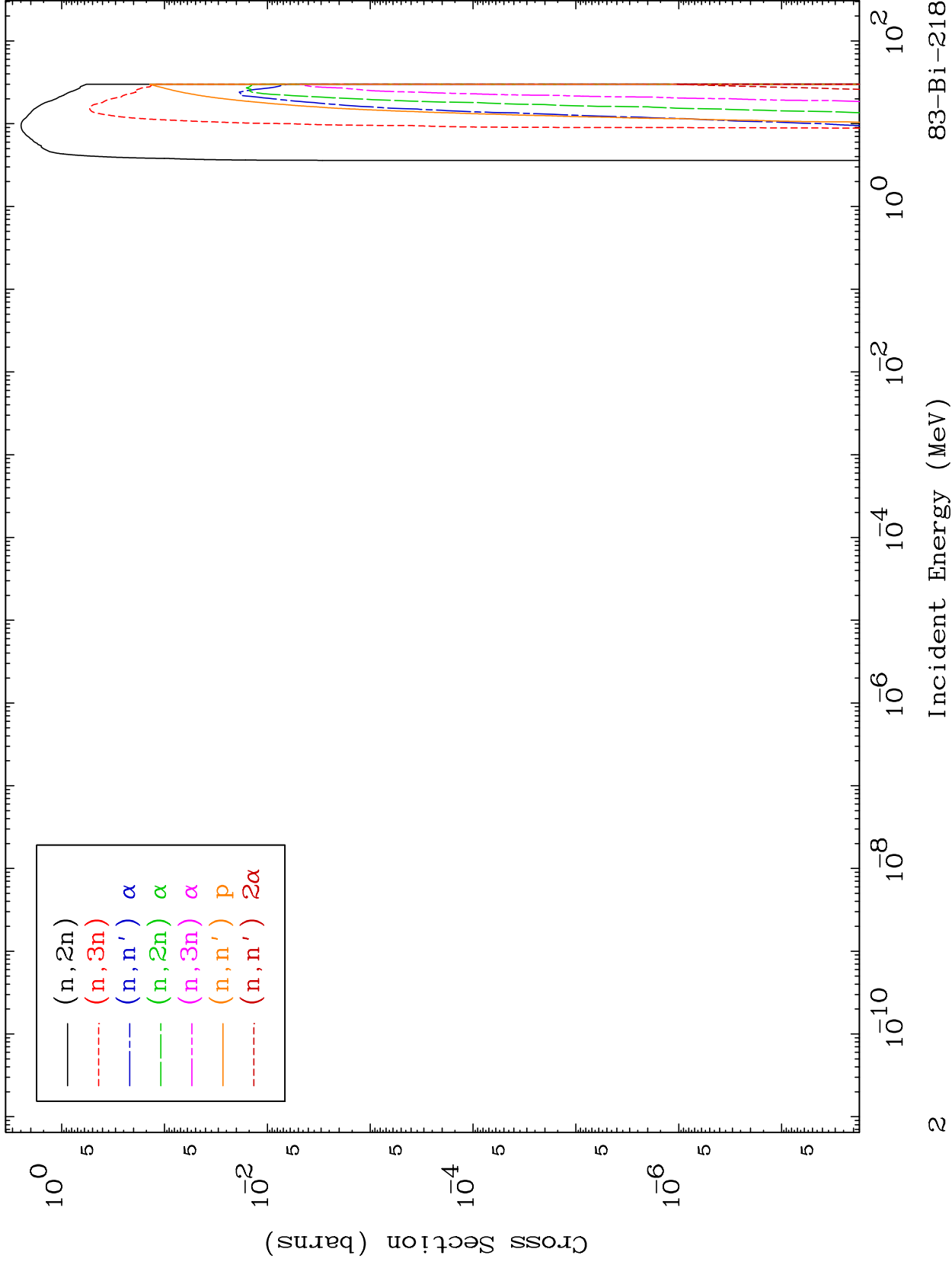
83-Bi-218

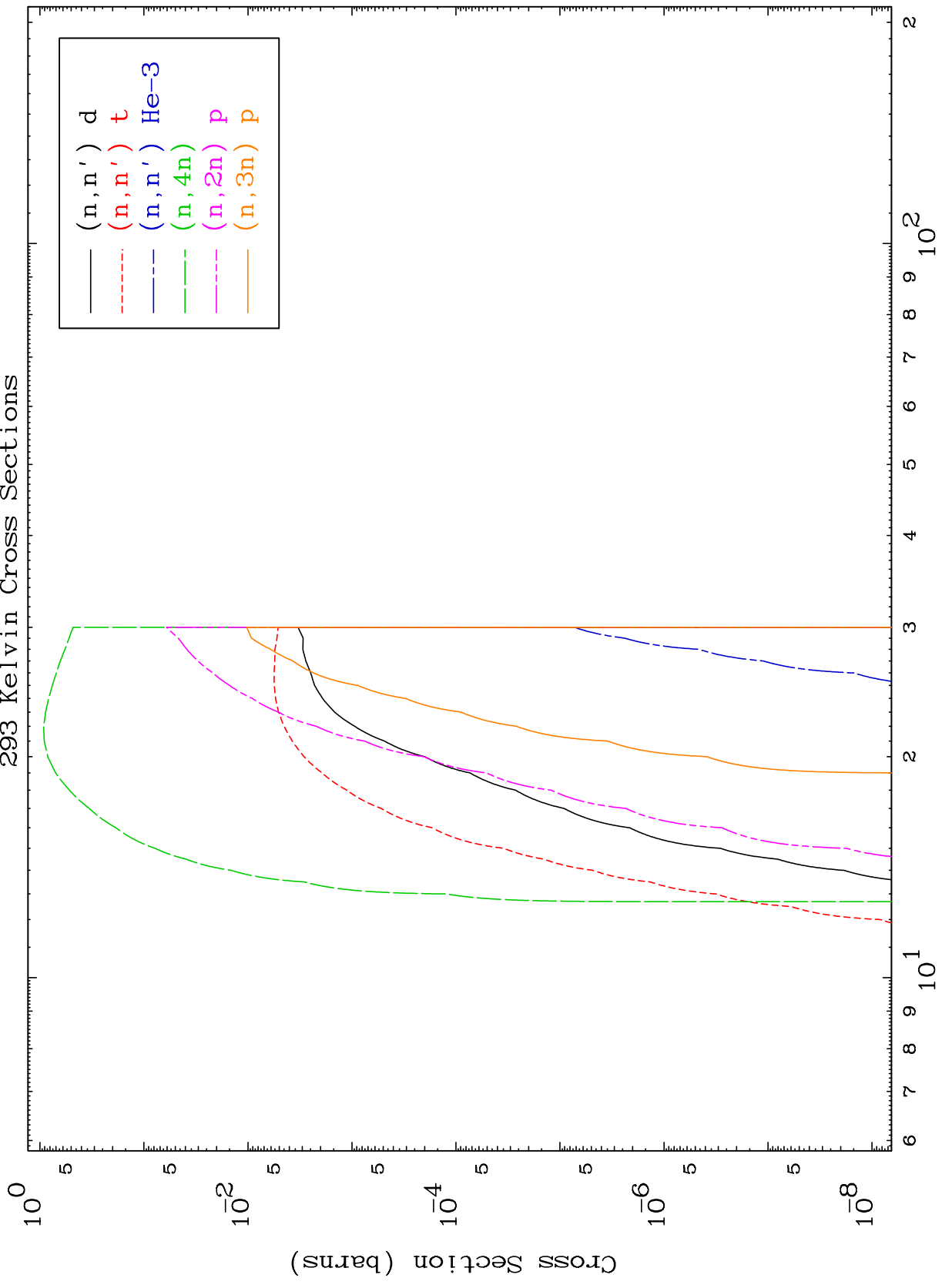


MAT 8352

Neutron Production
293 Kelvin Cross Sections

83-Bi-218

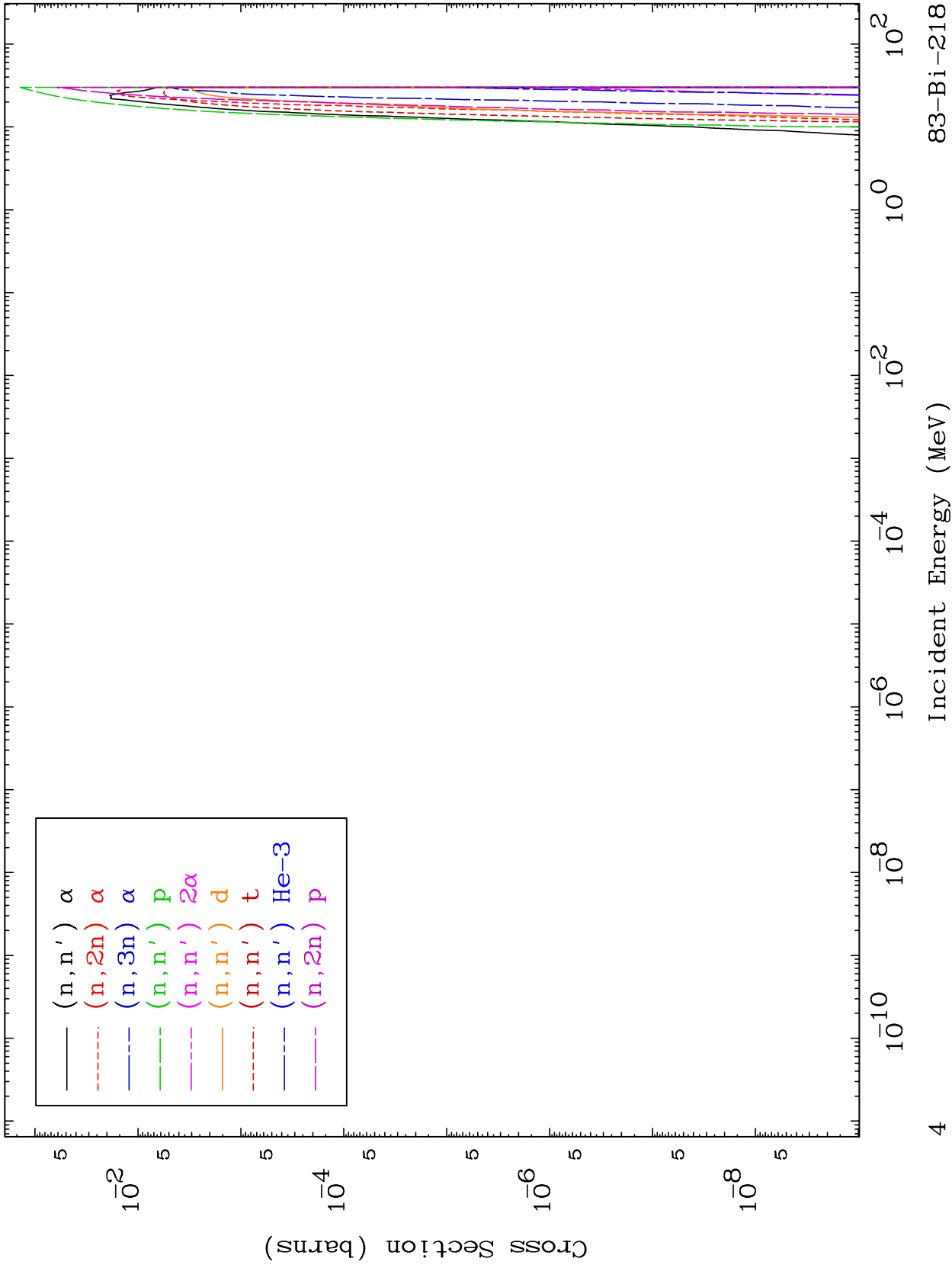




MAT 8352

Charged Particle
293 Kelvin Cross Sections

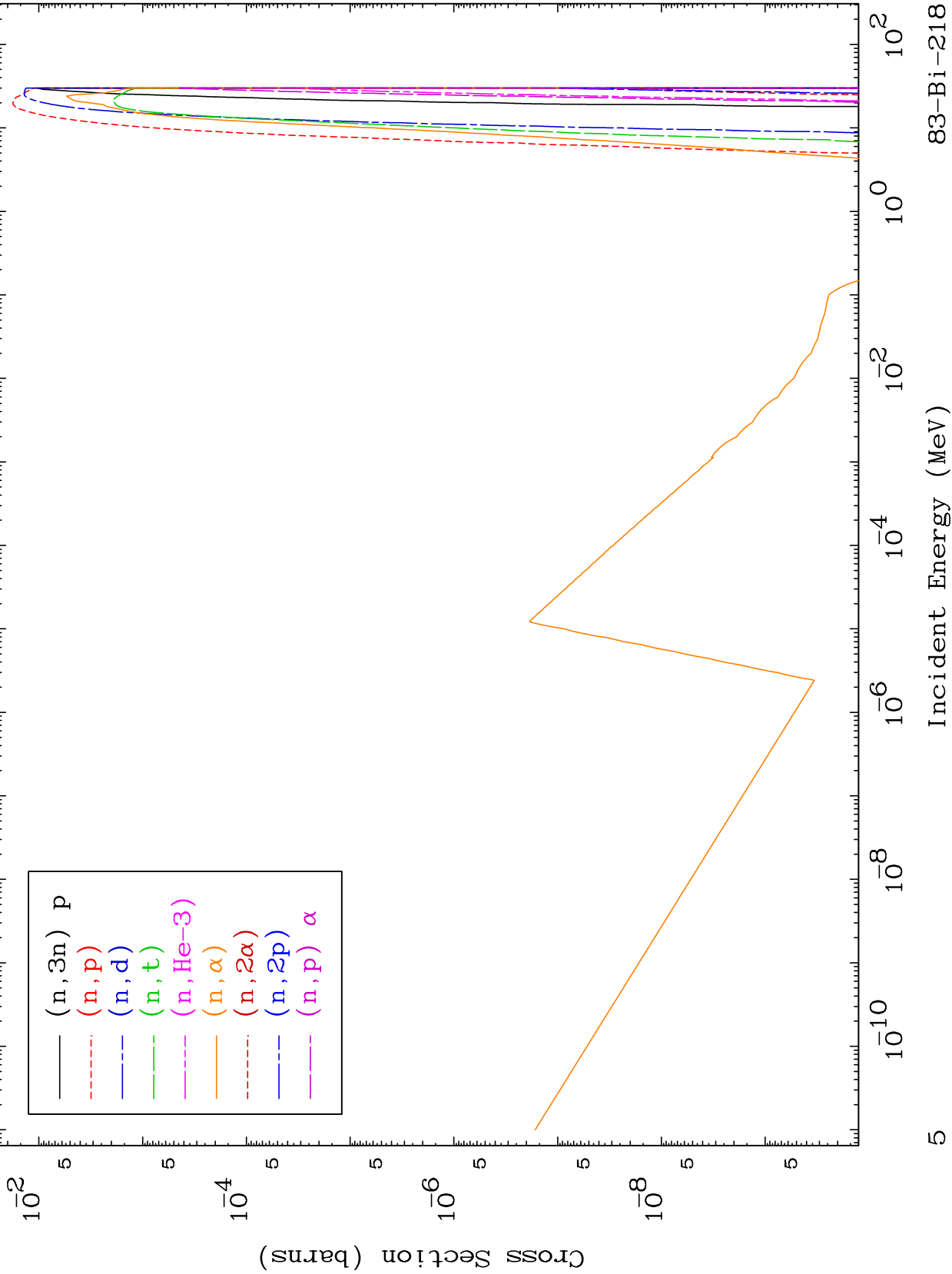
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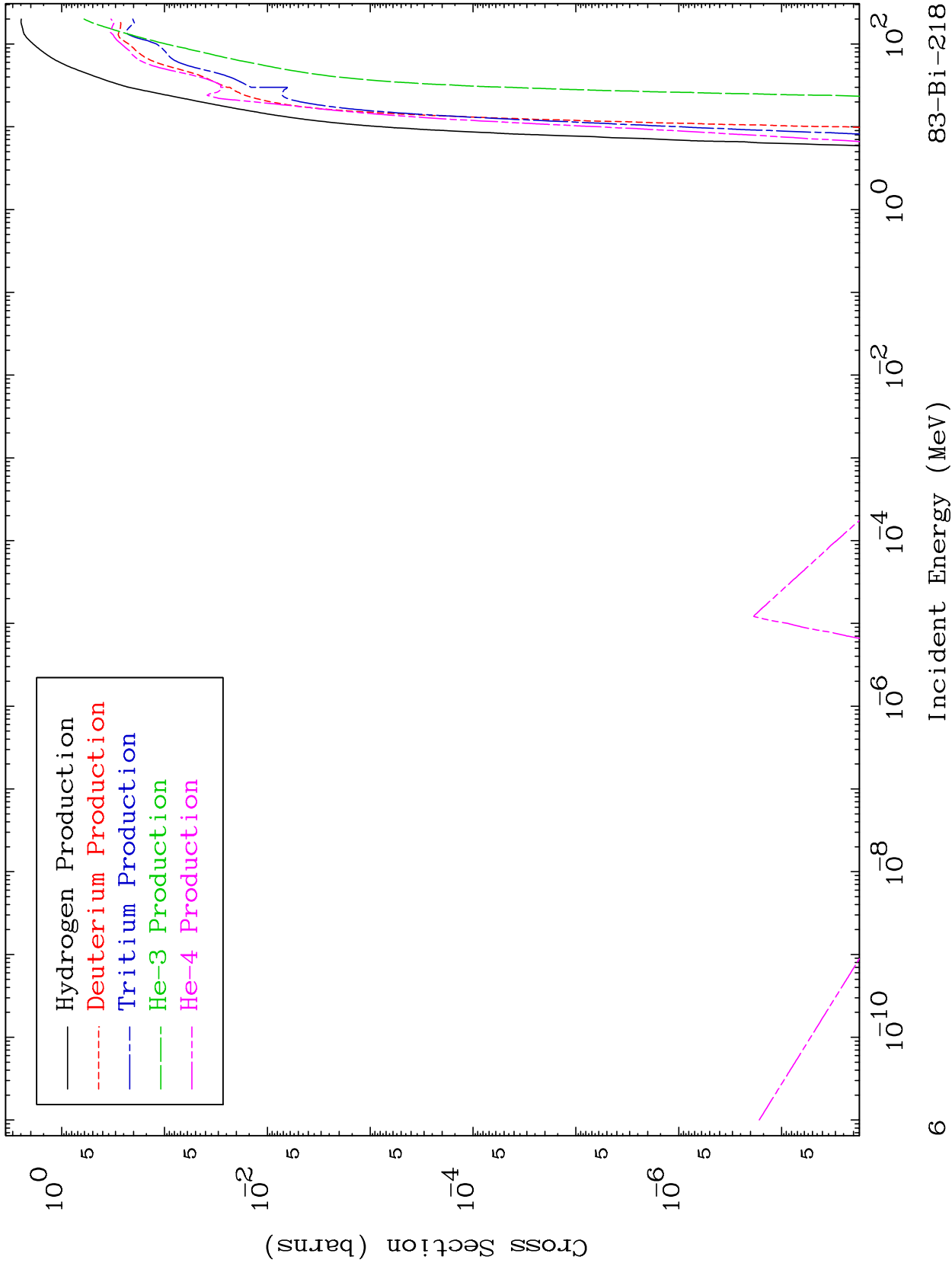


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Charged Particle
293 Kelvin Cross Sections

83-Bi-218

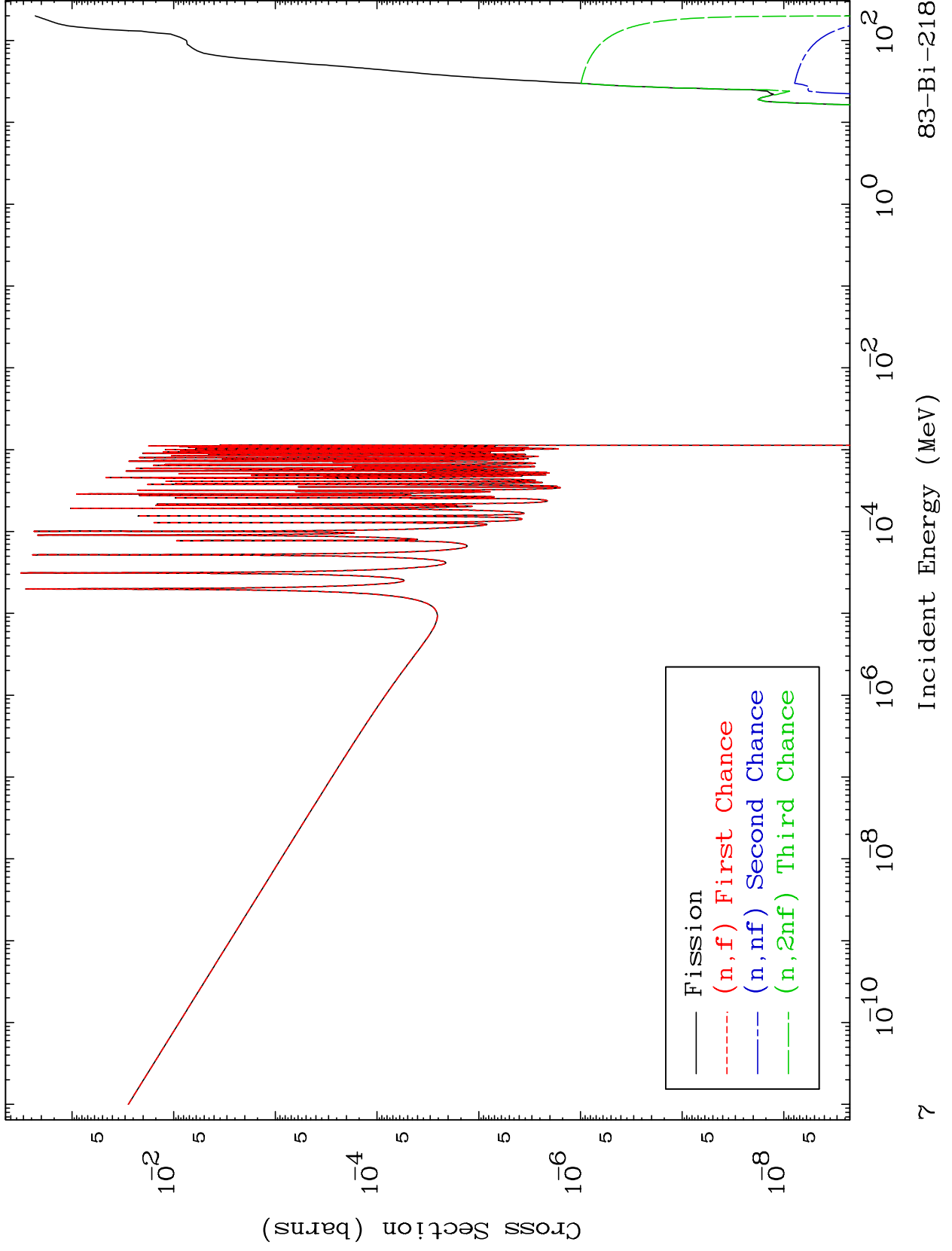


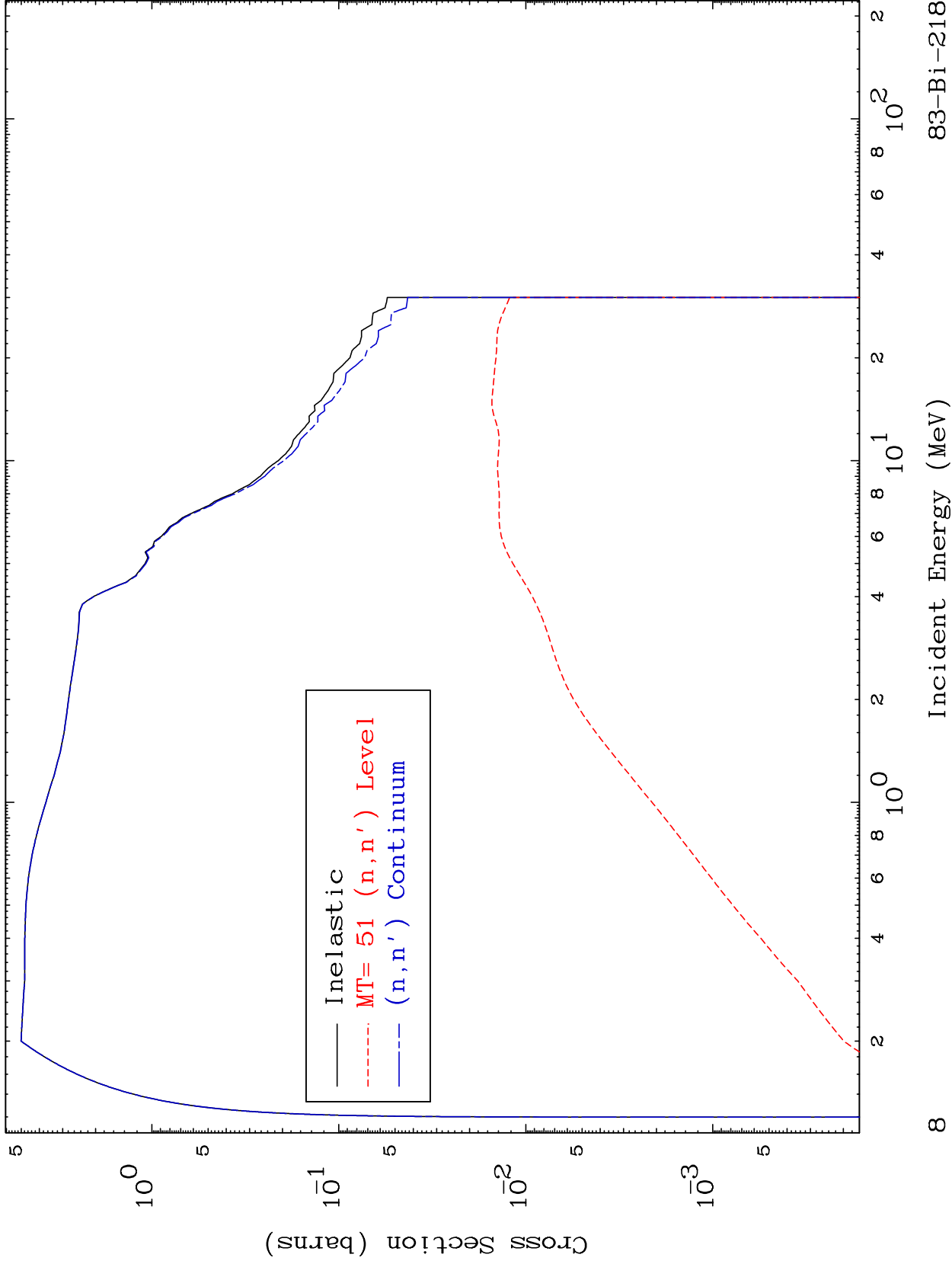


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Fission
293 Kelvin Cross Sections

83-Bi-218

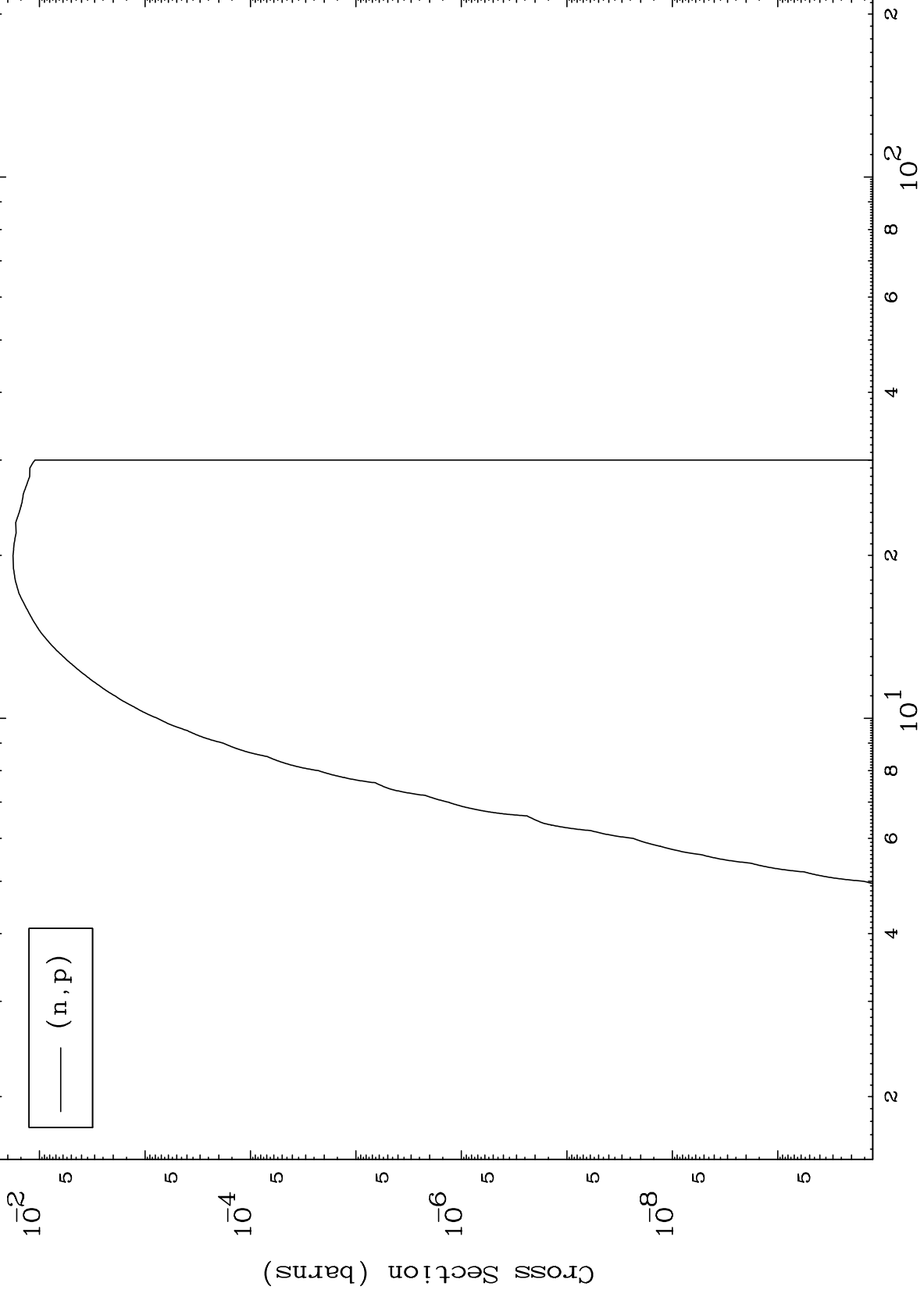




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(n,p) Levels
293 Kelvin Cross Sections

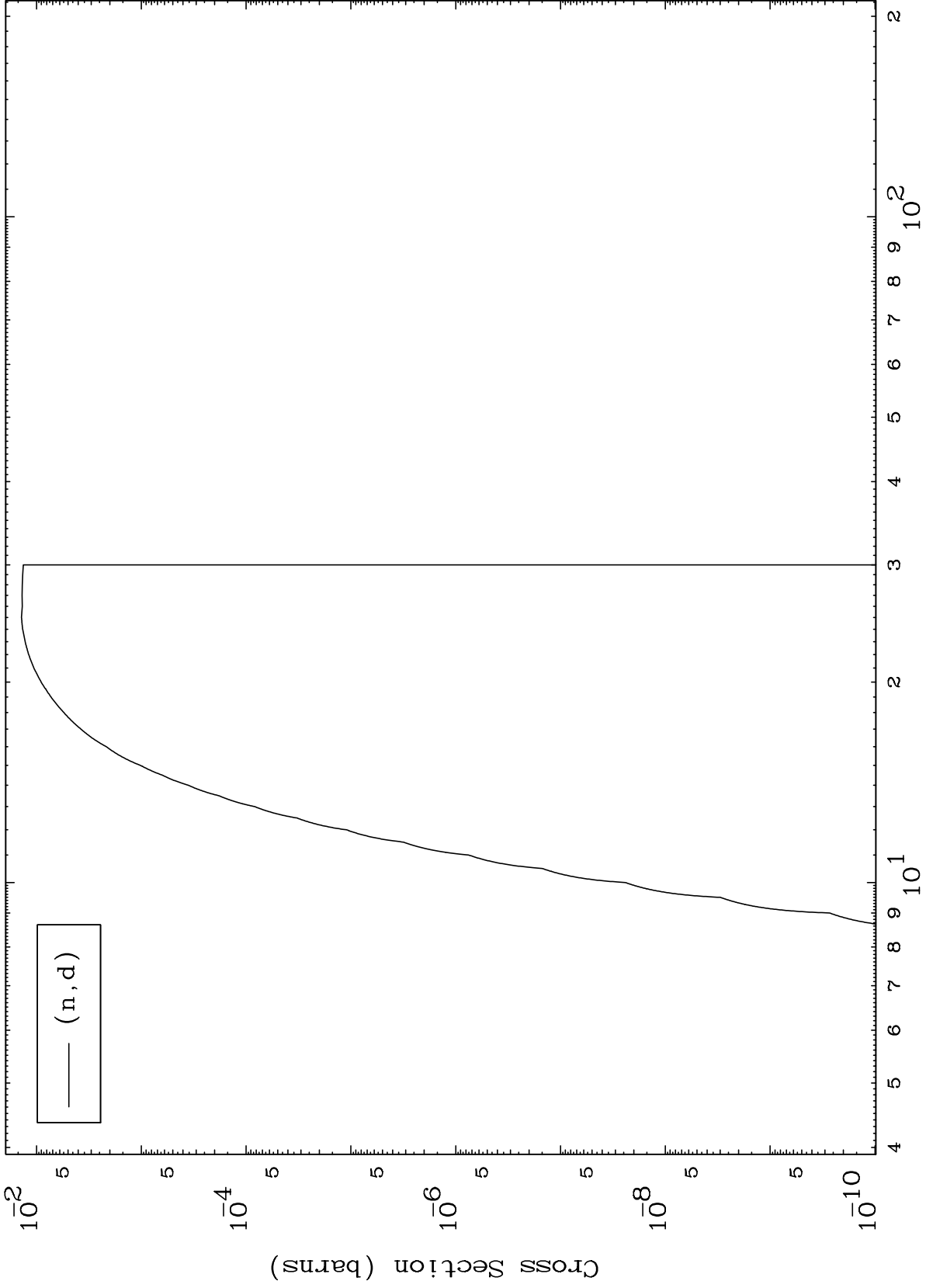
83-Bi-218



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(n,d) Levels
293 Kelvin Cross Sections

83-Bi-218



(n,d)

10

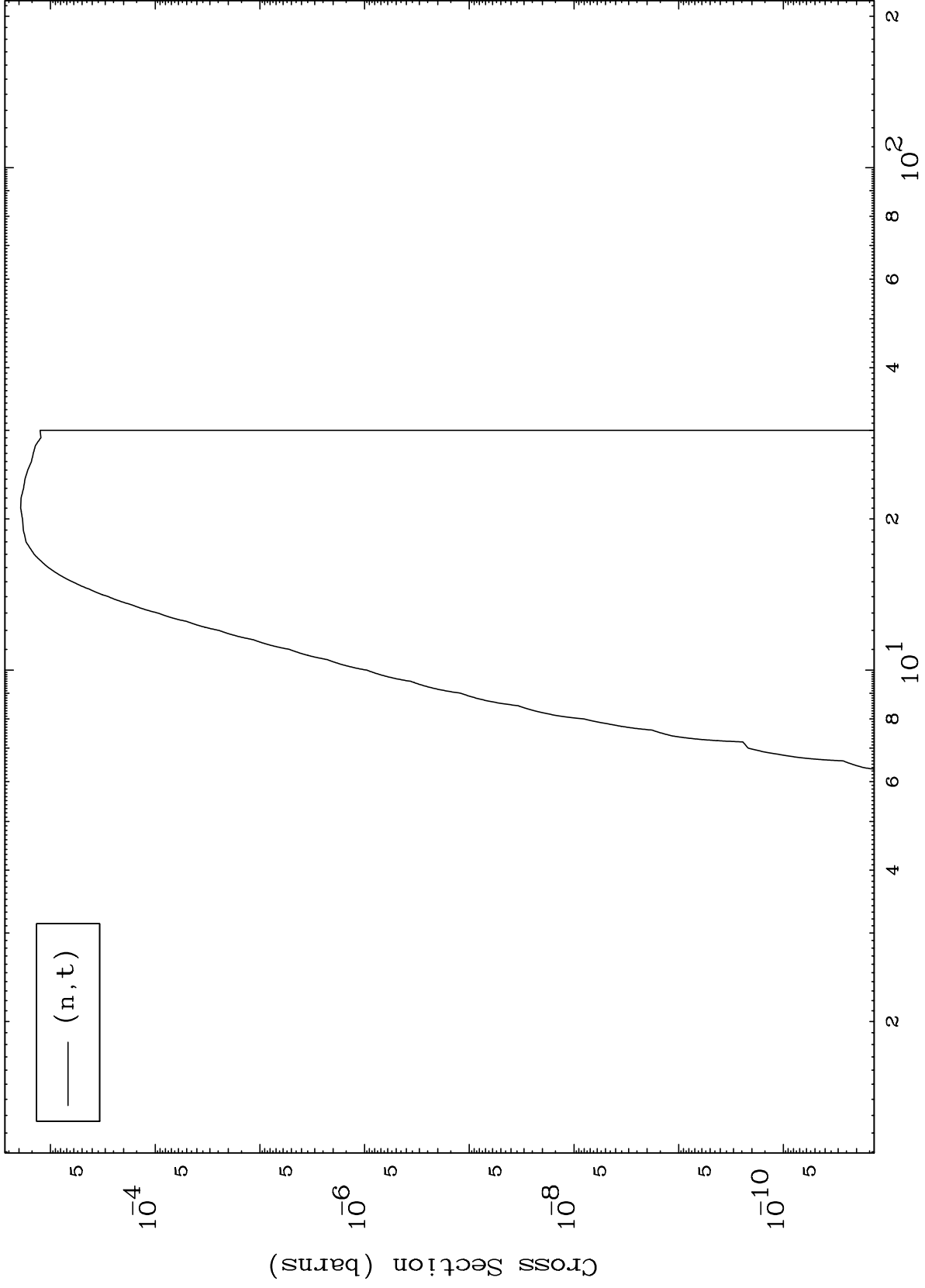
Incident Energy (MeV)

83-Bi-218

MAT 8352

(n,t) Levels
293 Kelvin Cross Sections

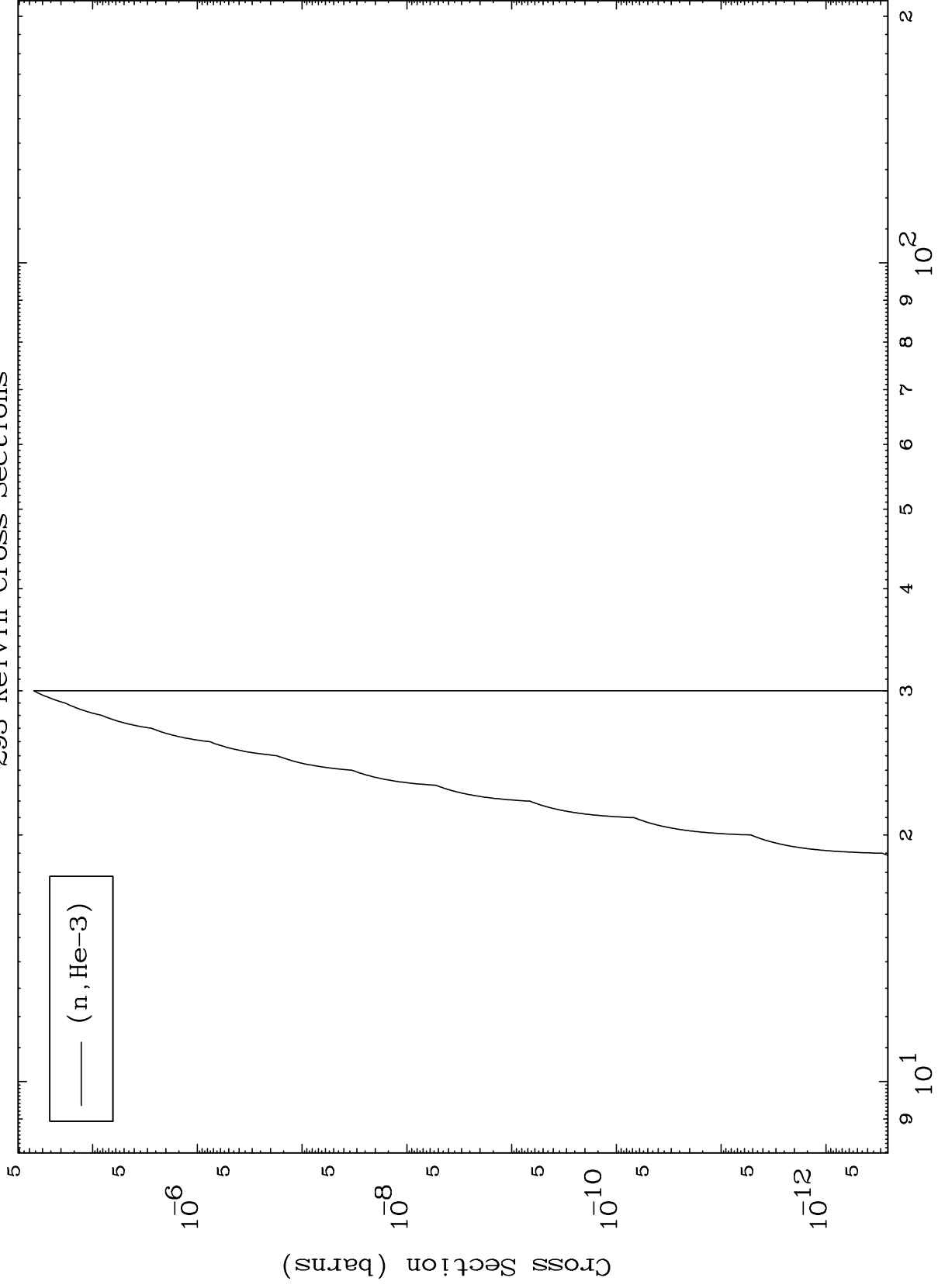
83-Bi-218



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(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-218



12

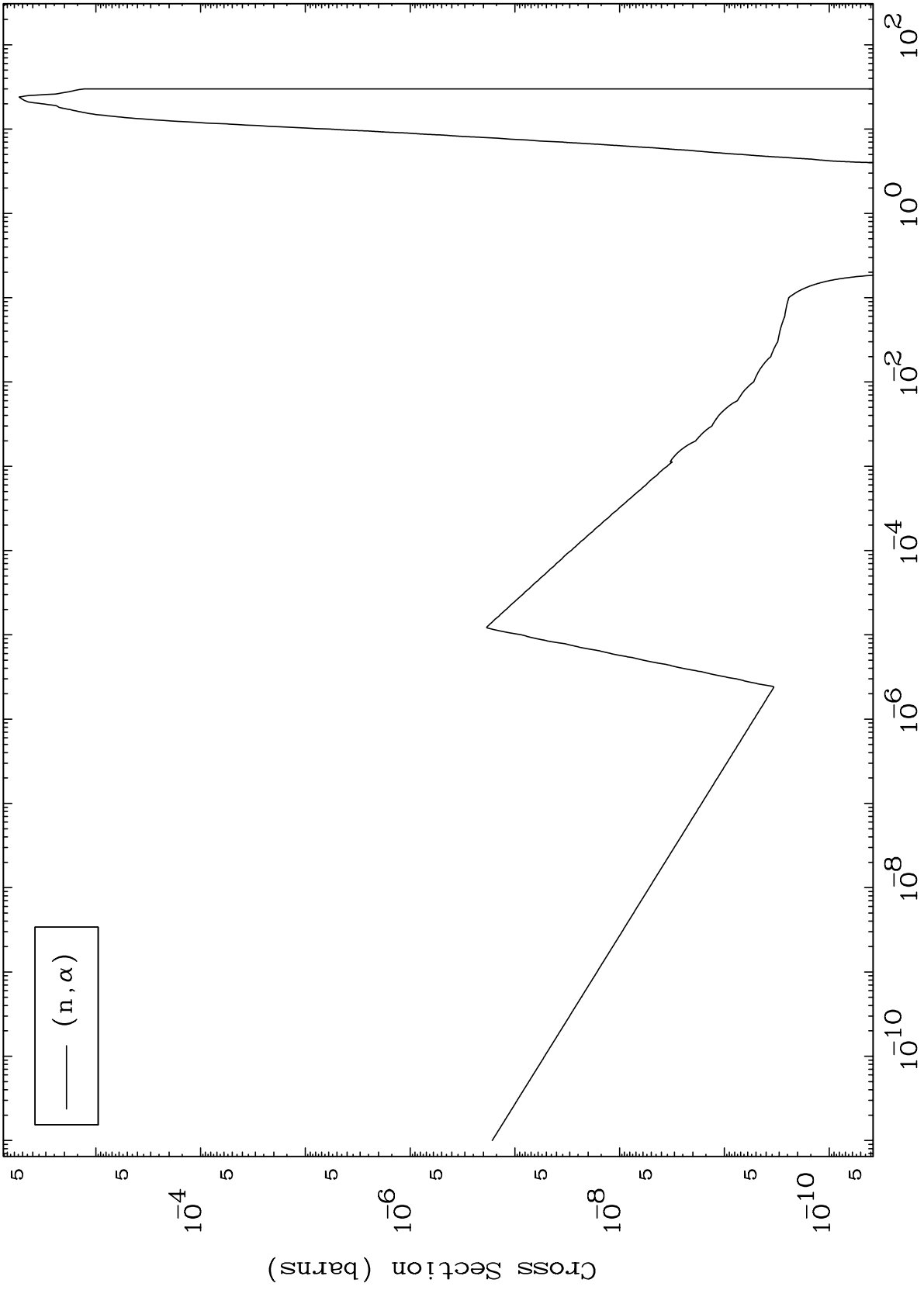
Incident Energy (MeV)

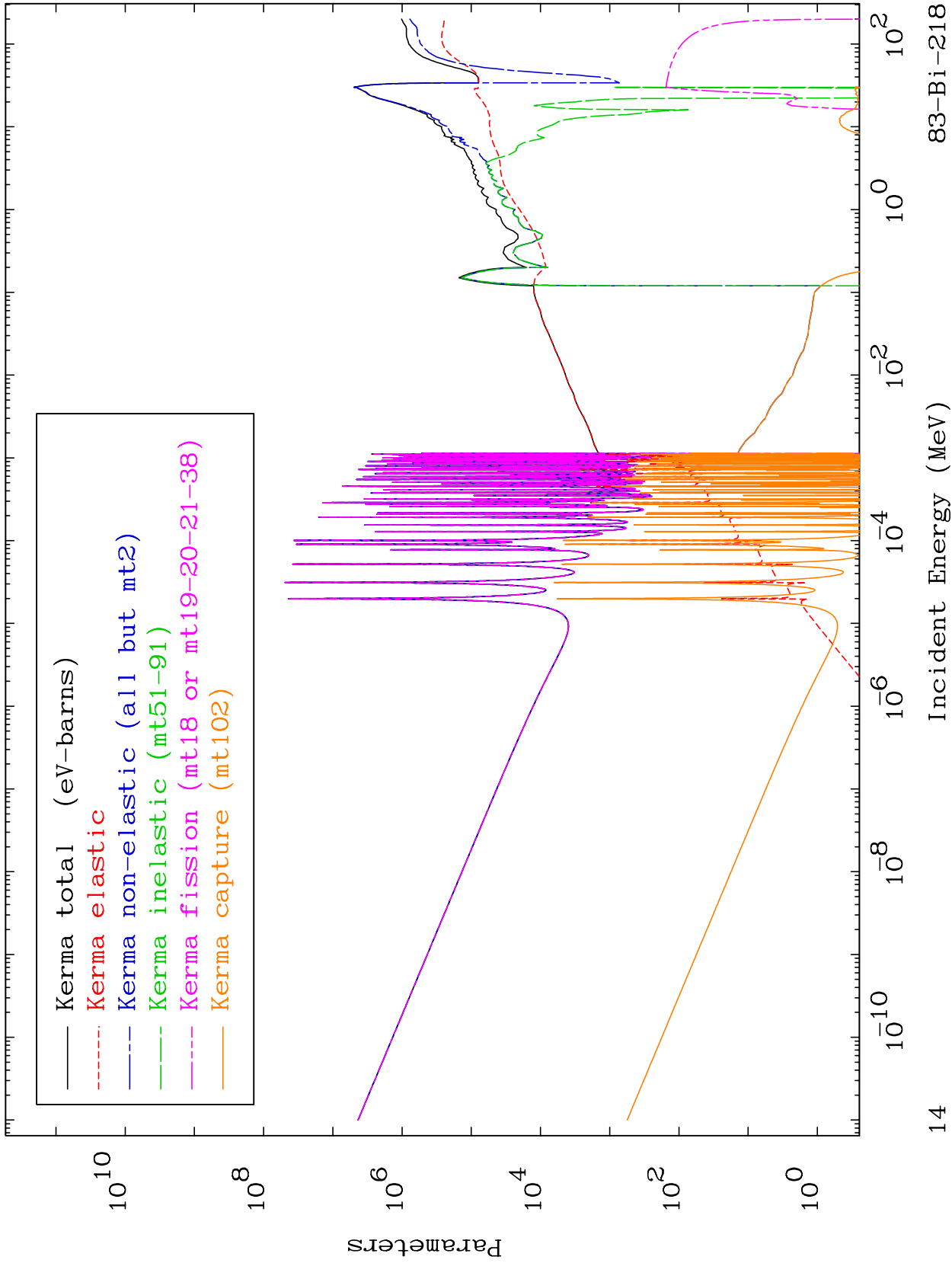
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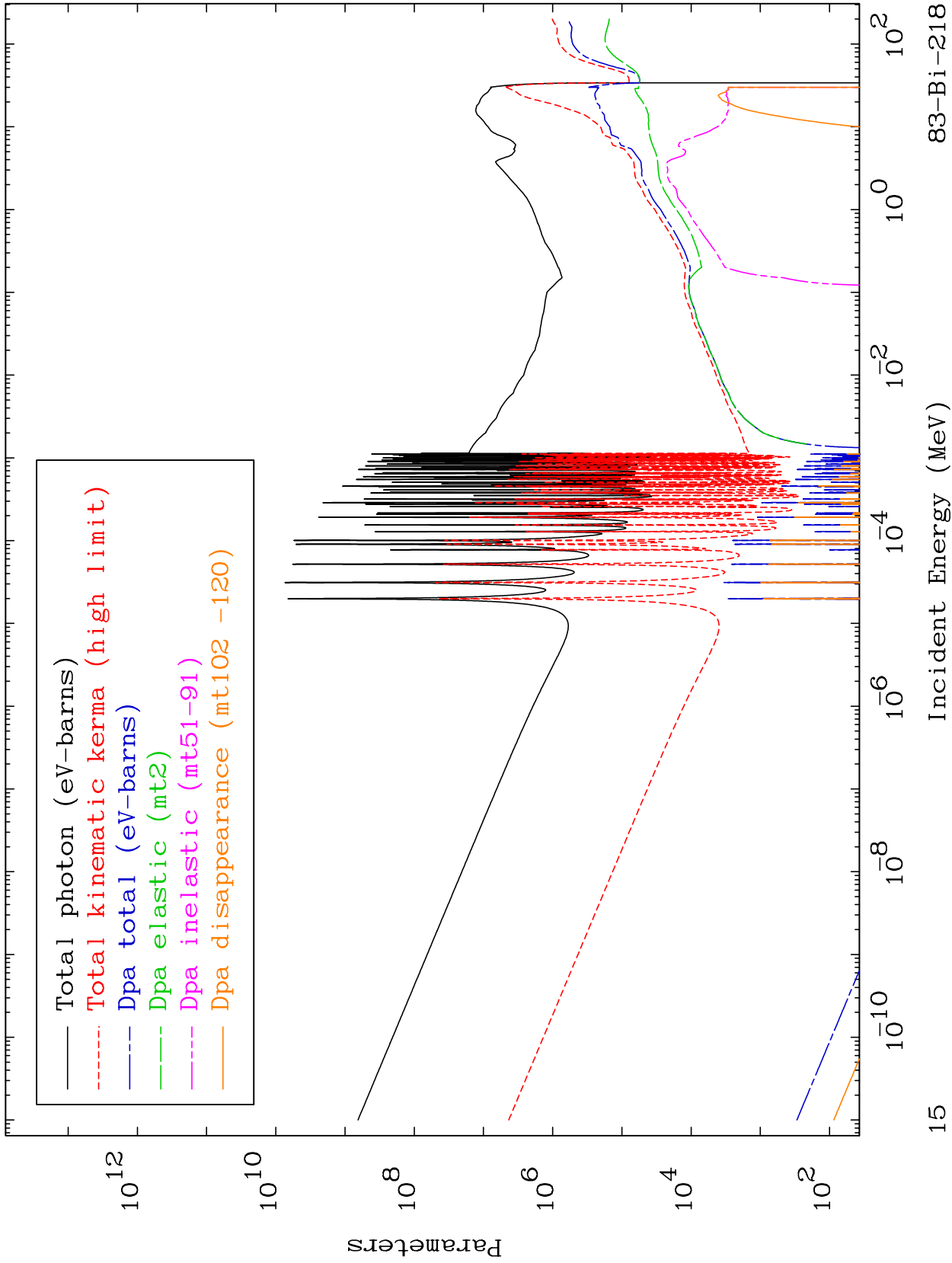
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(n, α) Levels
293 Kelvin Cross Sections

83-Bi-218



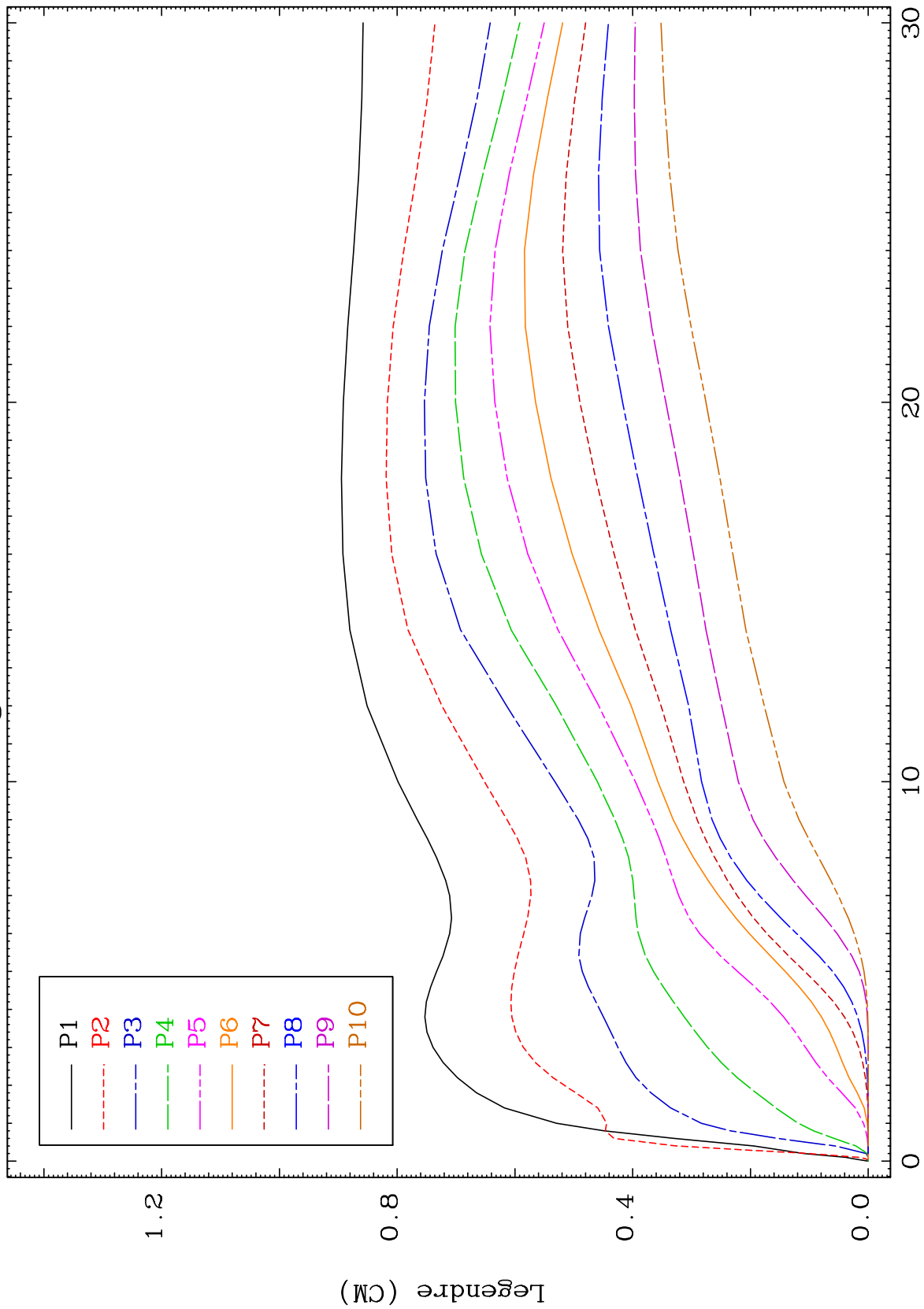




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Elastic Legendre Coefficients

83-Bi-218



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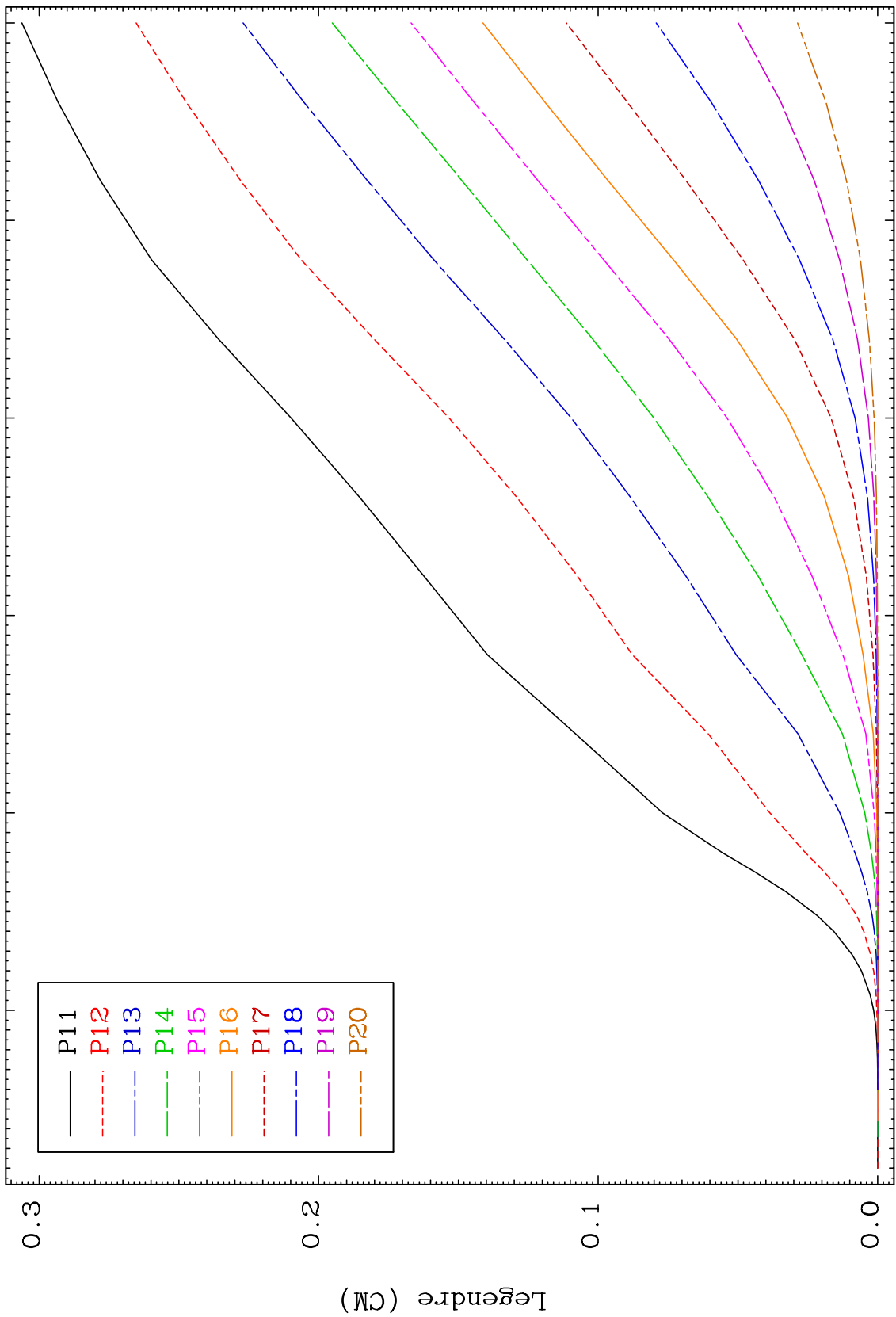
Incident Energy (MeV)

83-Bi-218

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Elastic Legendre Coefficients

83-Bi-218



17

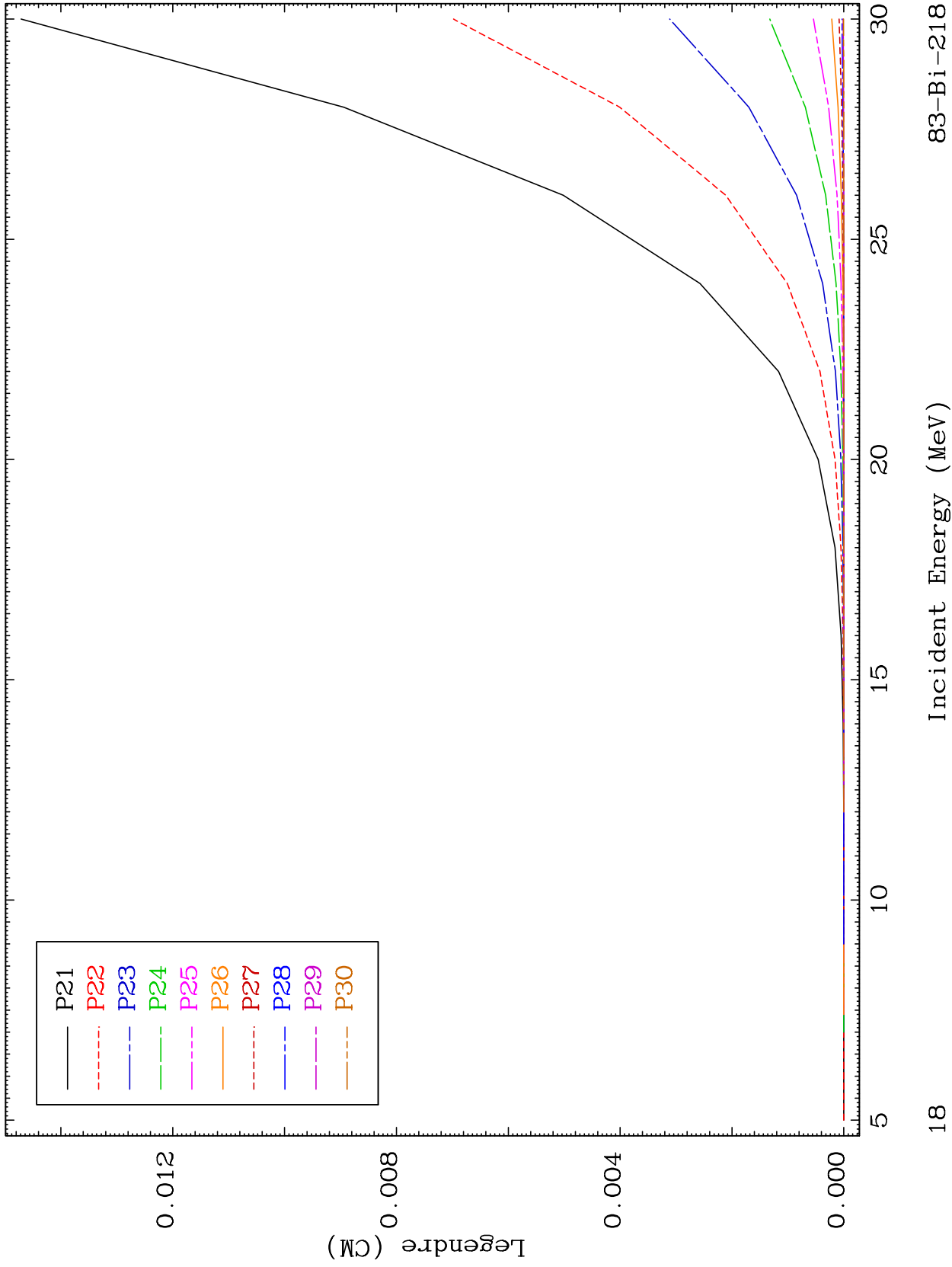
Incident Energy (MeV)

83-Bi-218

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Elastic Legendre Coefficients

83-Bi-218



18

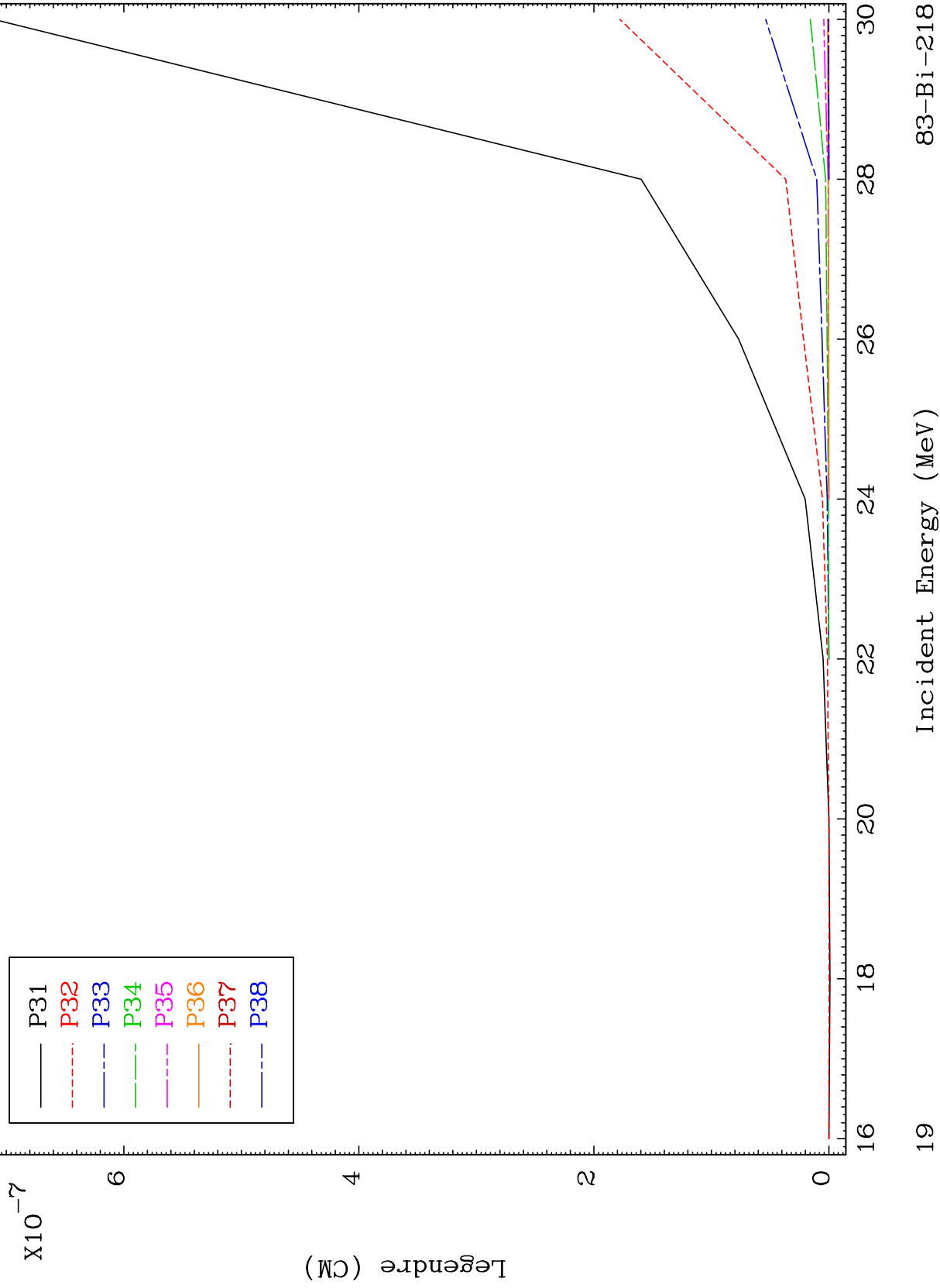
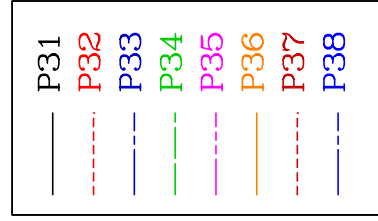
Incident Energy (MeV)

83-Bi-218

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Elastic Legendre Coefficients

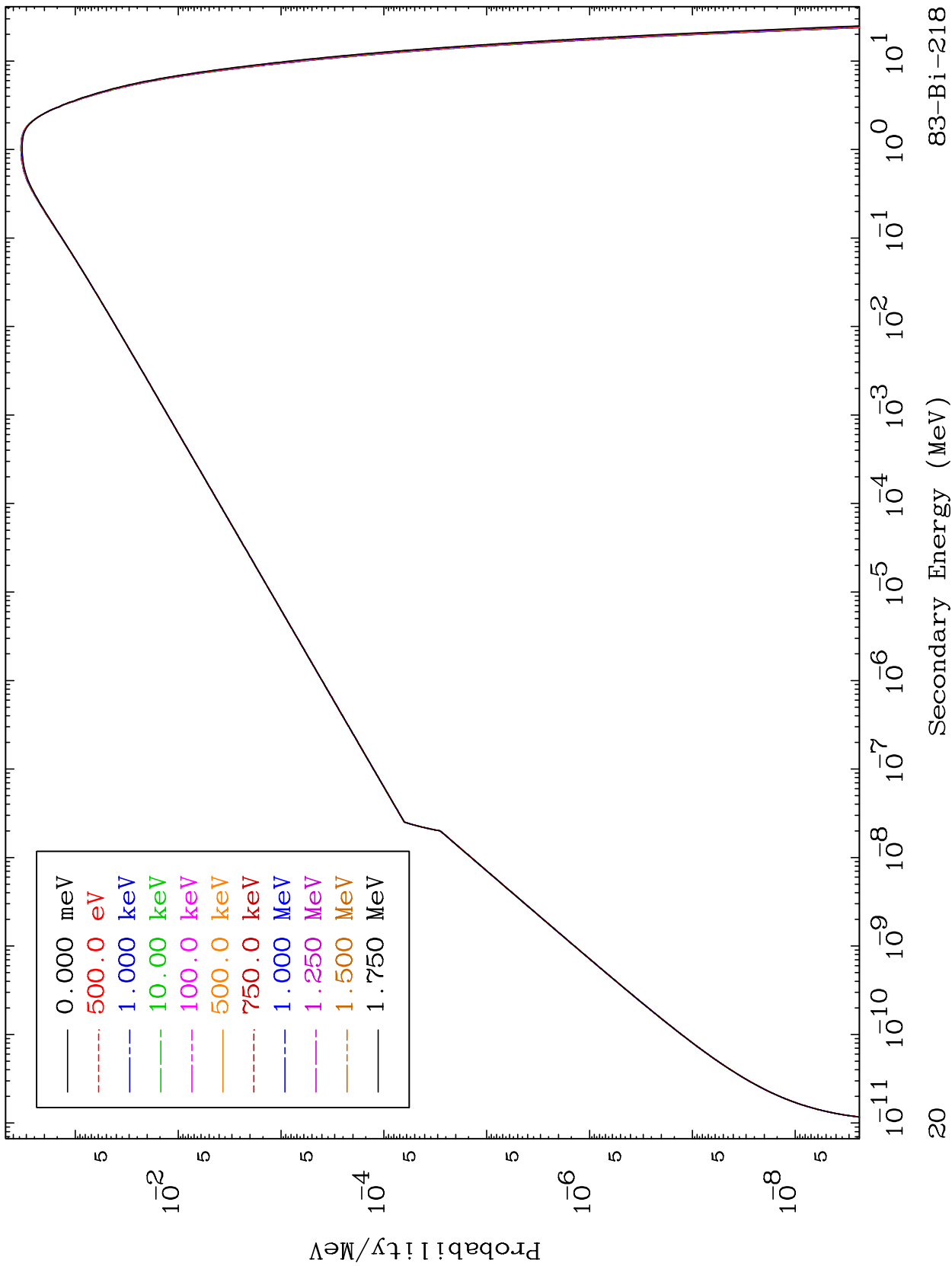
83-Bi-218



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Fission Energy Distribution

83-Bi-218



- 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

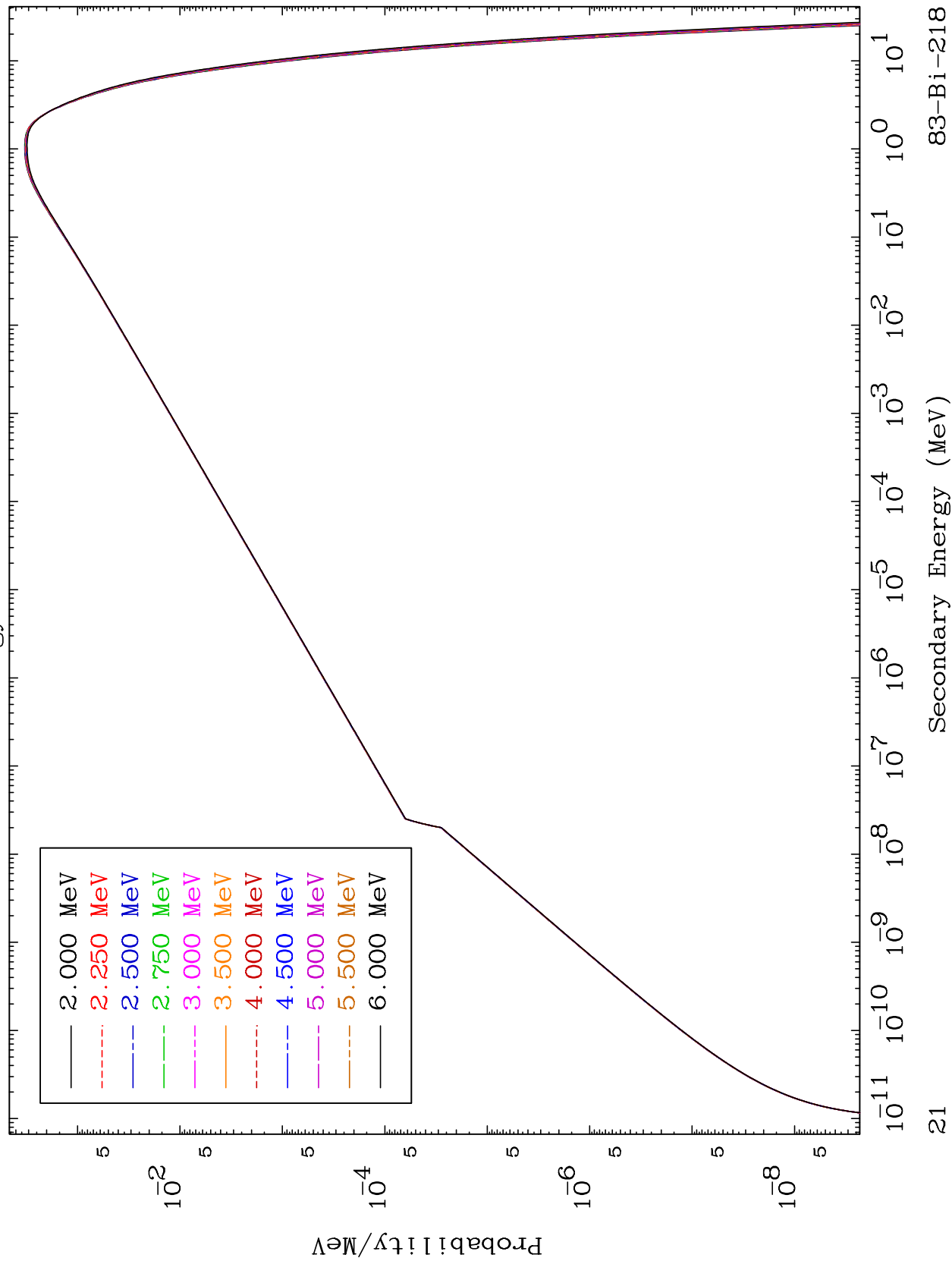
83-Bi-218

Secondary Energy (MeV)

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Fission Energy Distribution

83-Bi-218



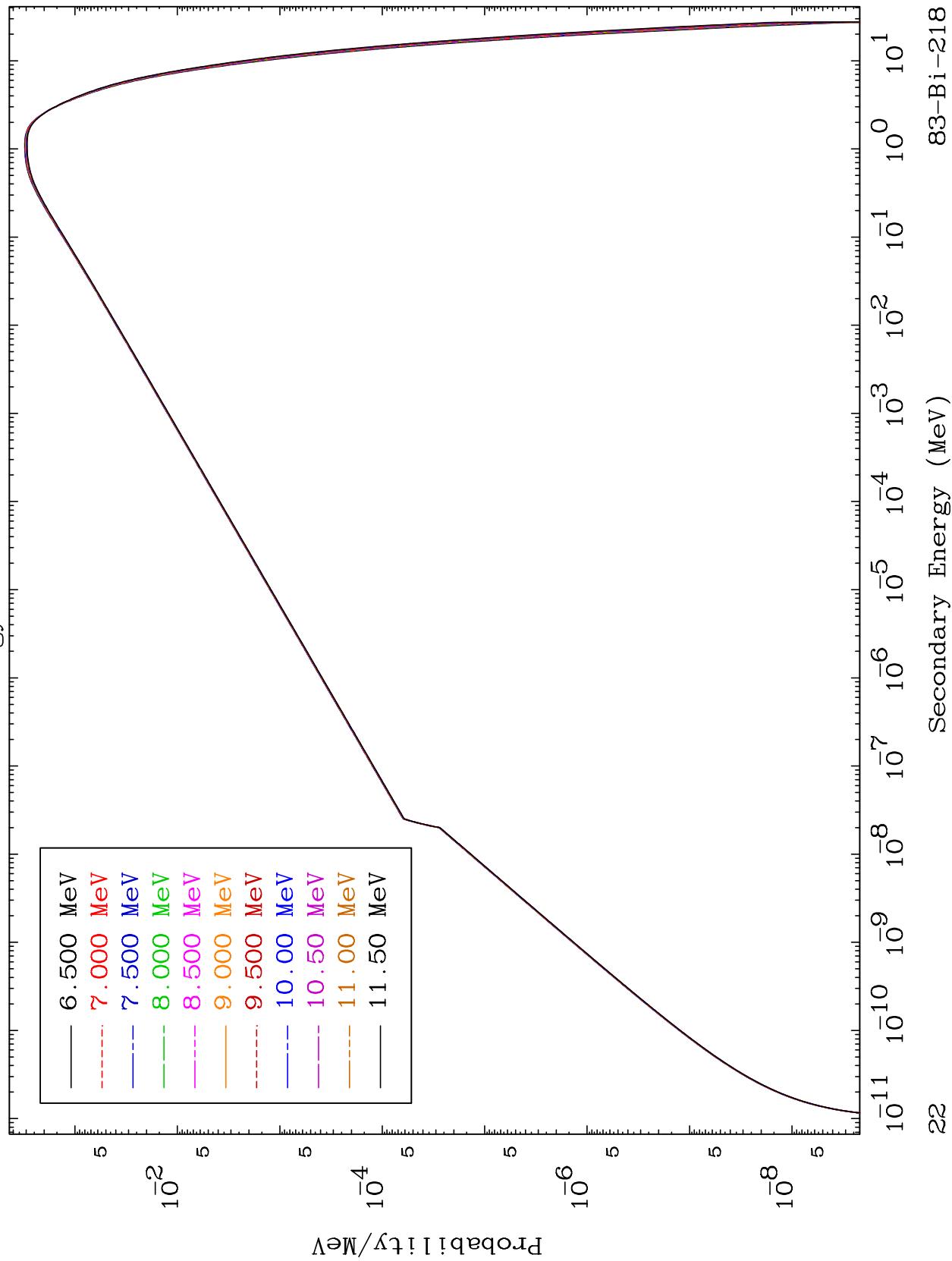
83-Bi-218

Secondary Energy (MeV)

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Fission Energy Distribution

83-Bi-218



83-Bi-218

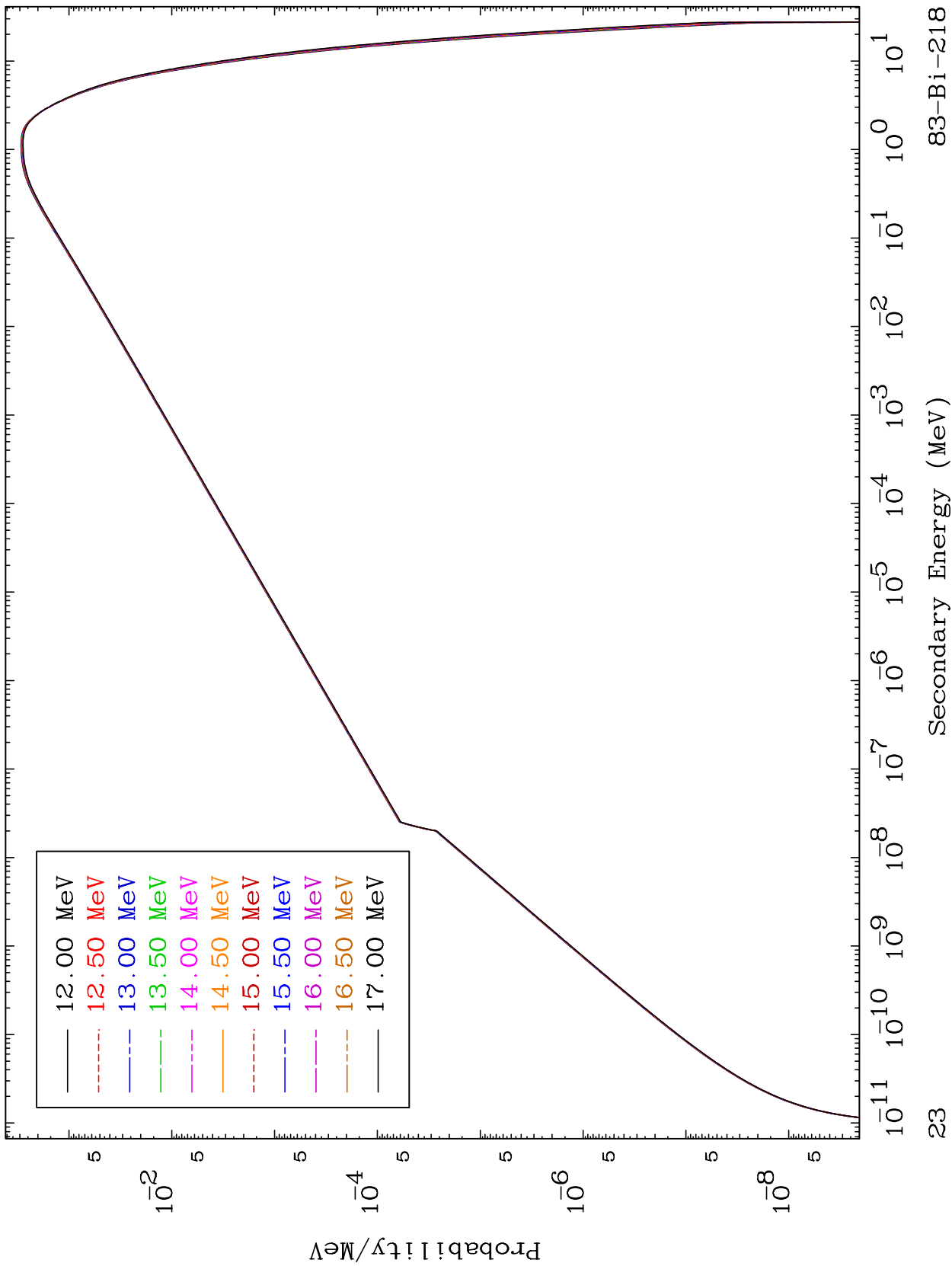
Secondary Energy (MeV)

22

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Fission Energy Distribution

83-Bi-218

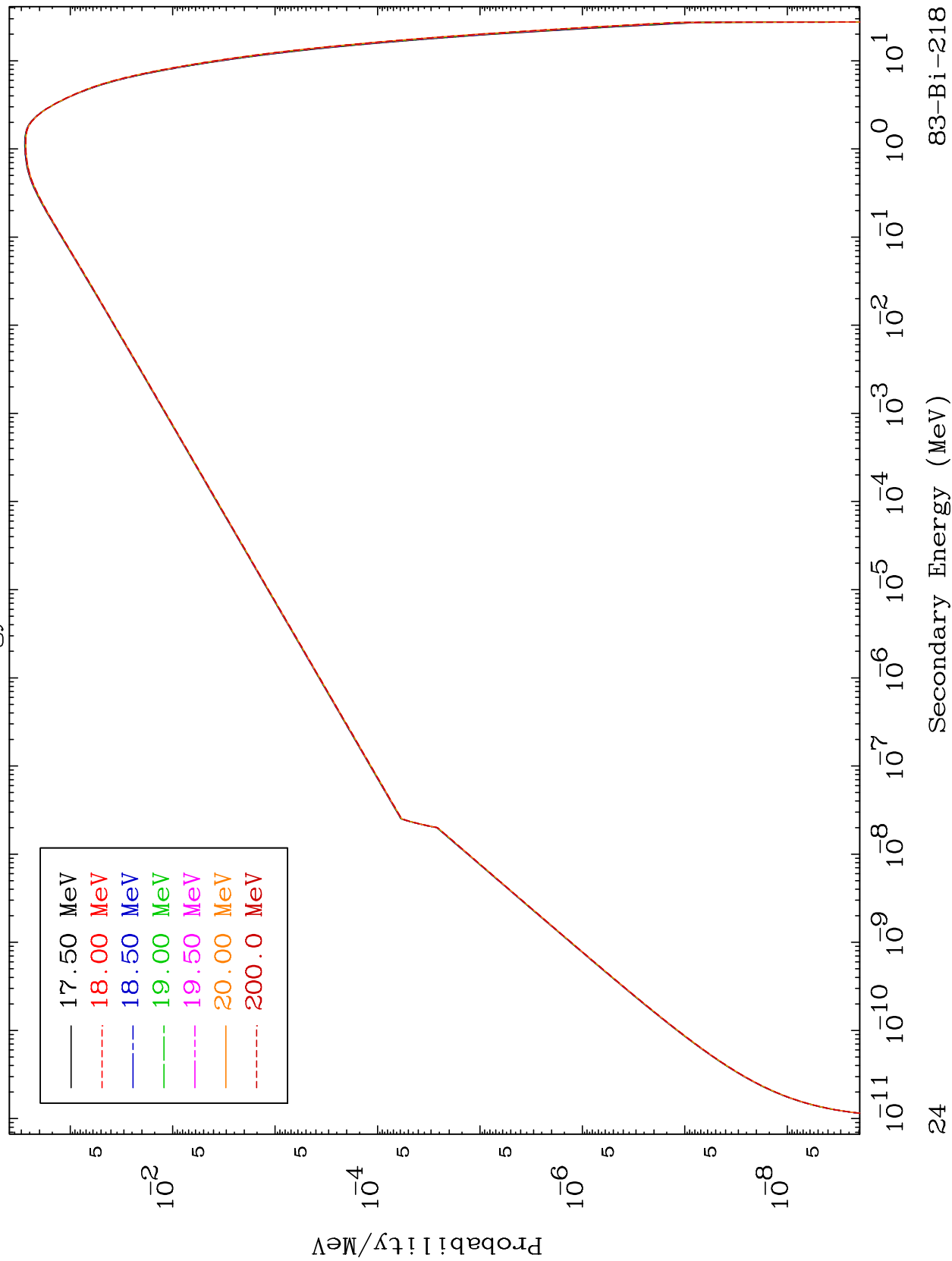


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Fission Energy Distribution

83-Bi-218



83-Bi-218

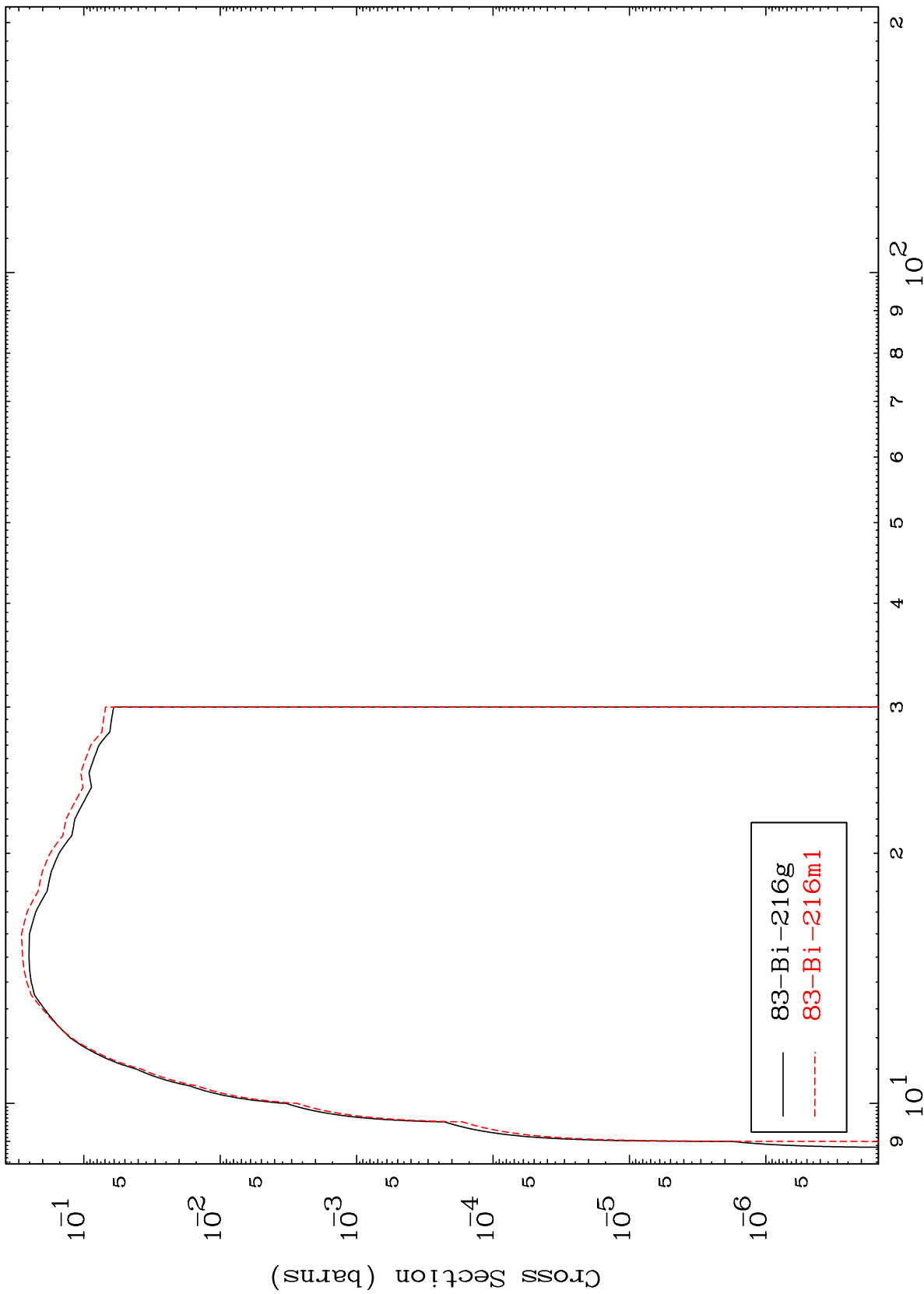
Secondary Energy (MeV)

24

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83-Bi-218

(n,3n)
Radionuclide Production Cross Section



83-Bi-218

Incident Energy (MeV)

25

Radionuclide Production Cross Section

