

Program EVALPLOT
(Version 2021-1)

by

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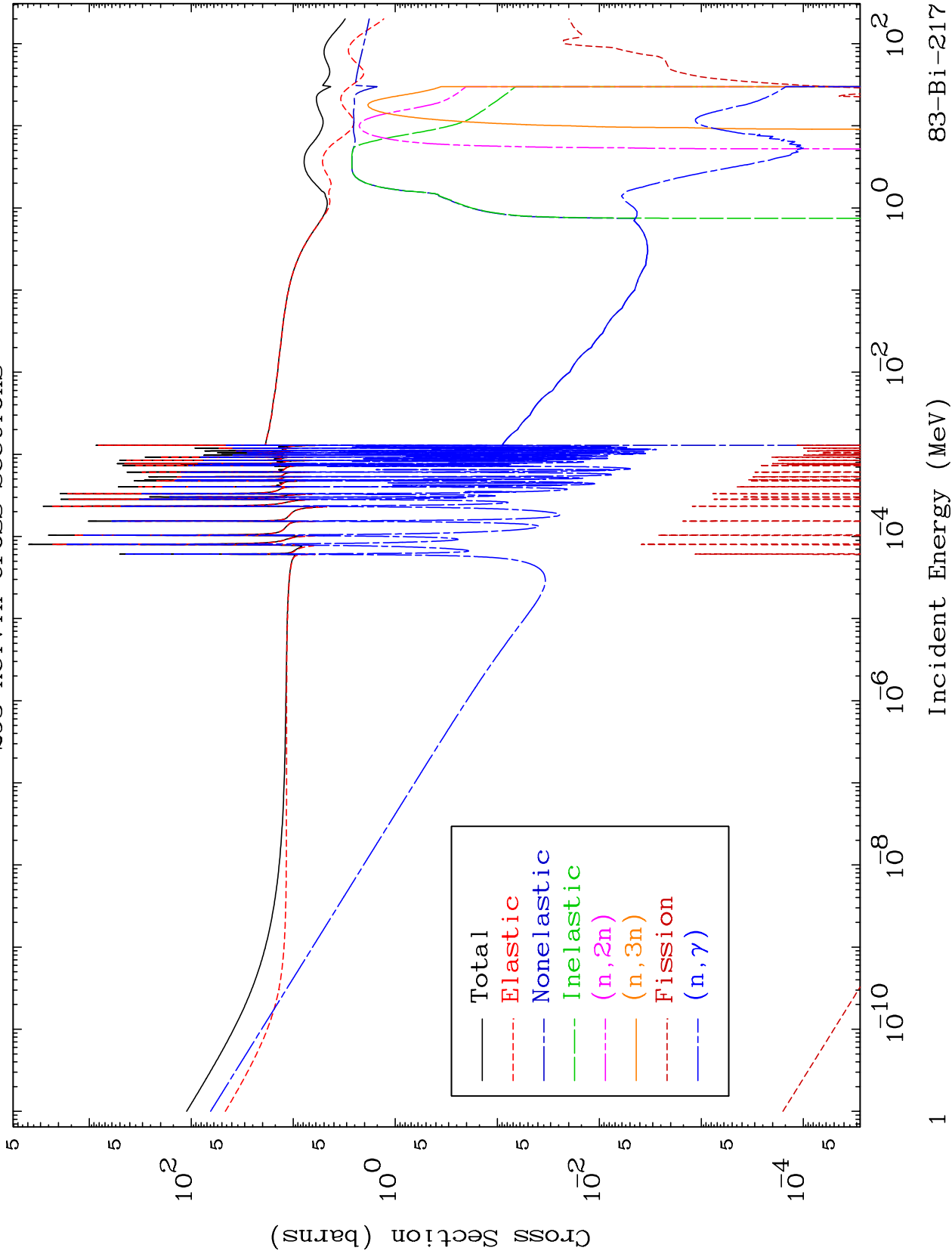
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Press Mouse Button to Start

MAT 8349

Neutron Major
293 Kelvin Cross Sections

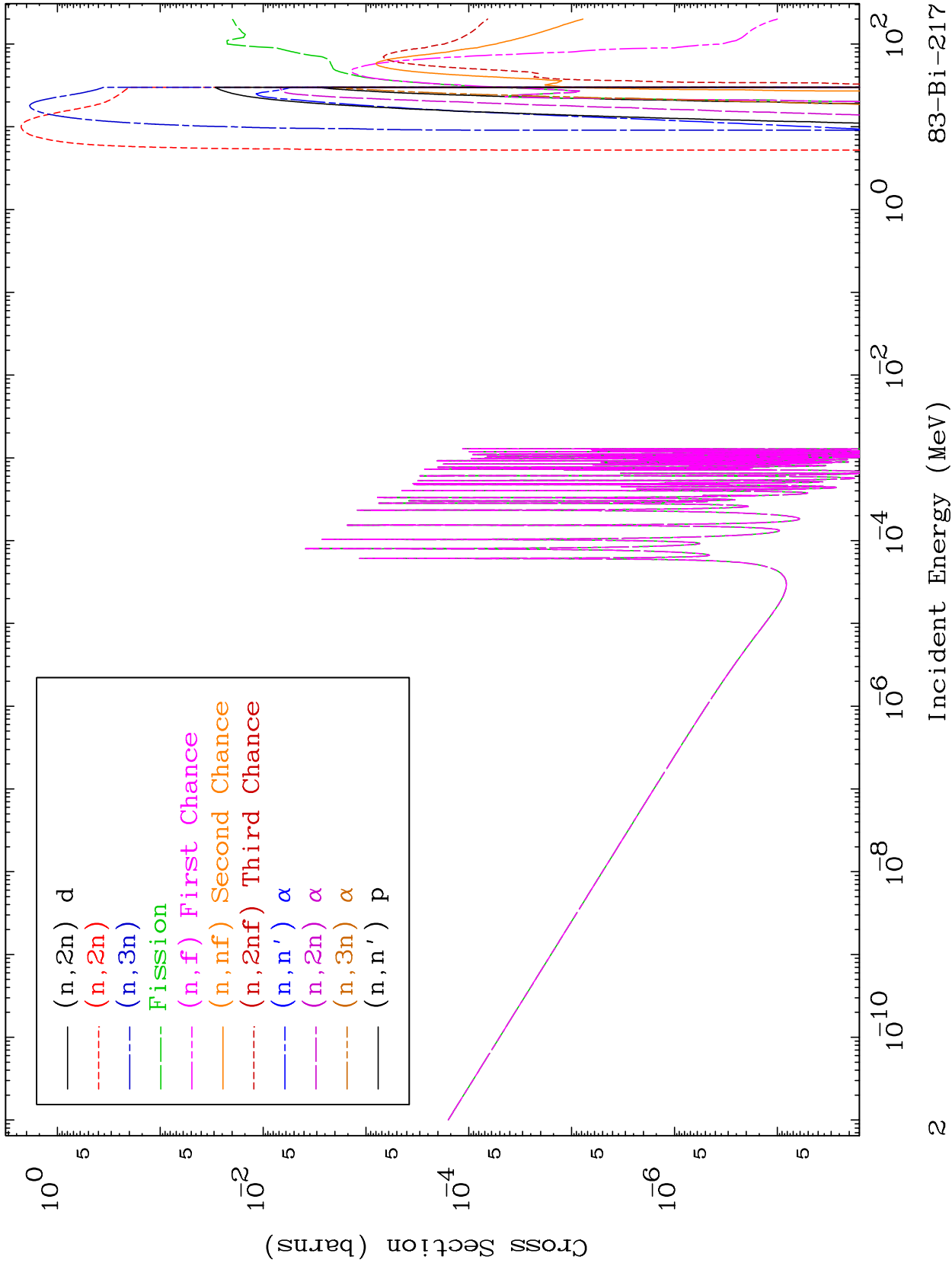
83-Bi-217

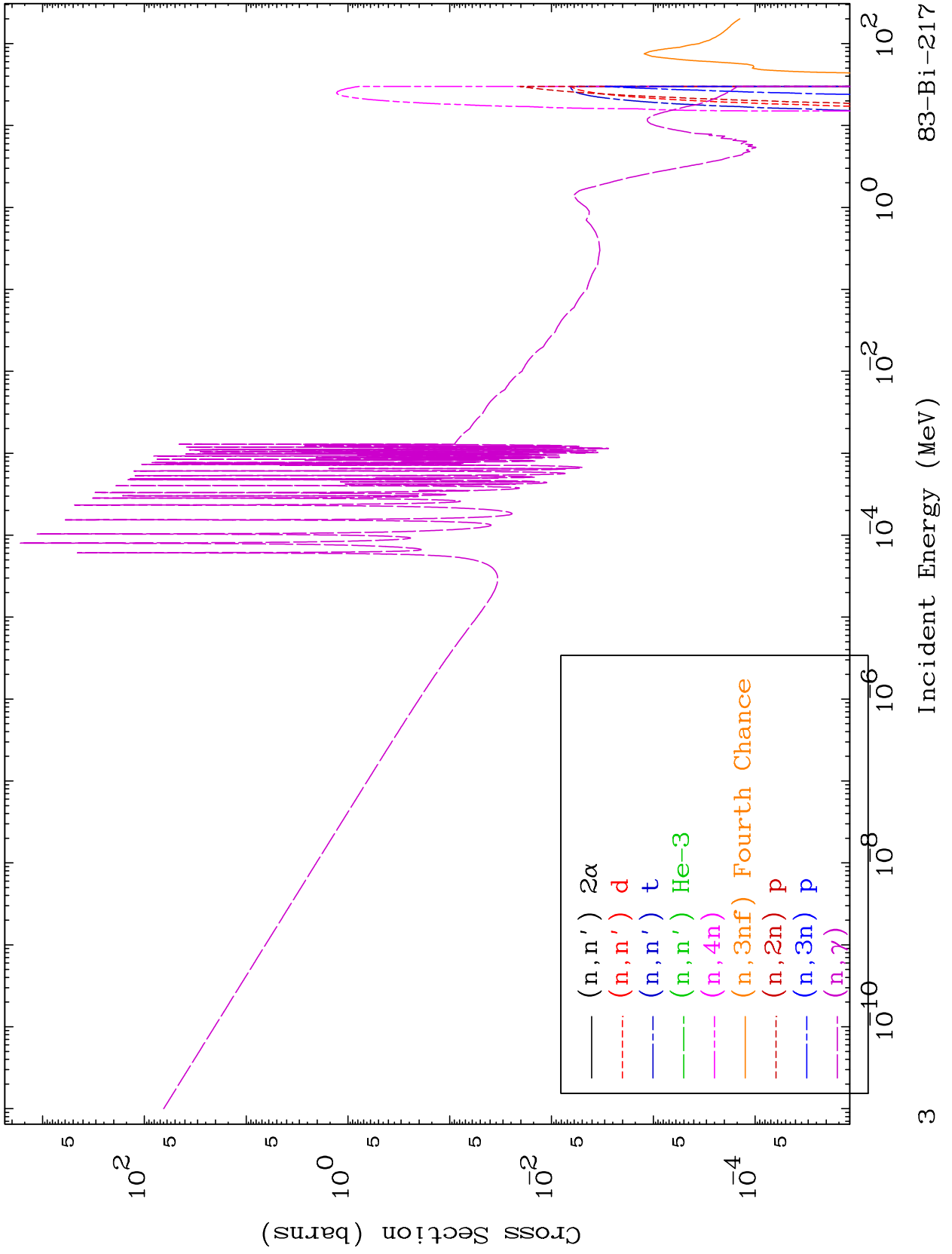


MAT 8349

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-217

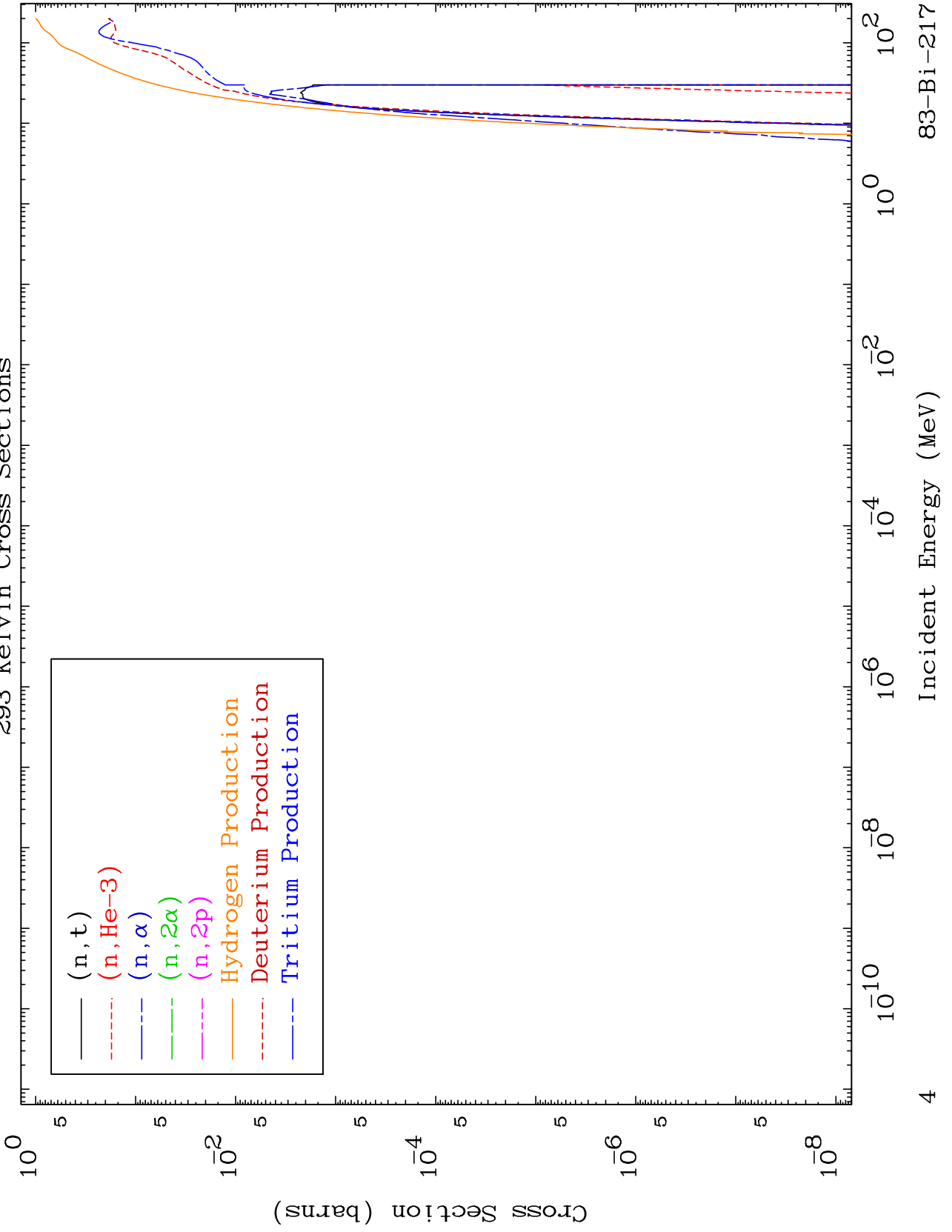




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Neutron Absorption
293 Kelvin Cross Sections

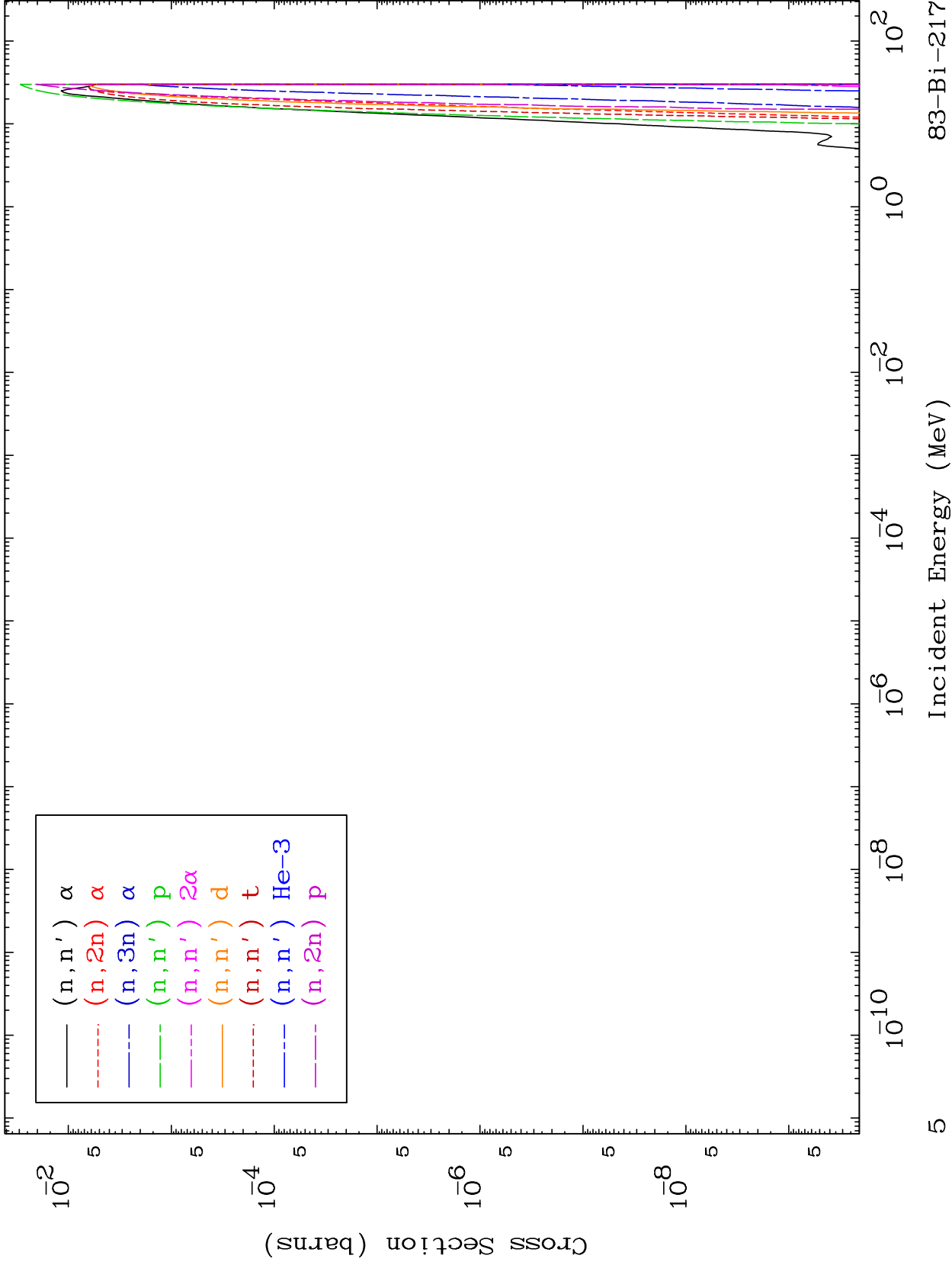
83-Bi-217



MAT 8349

Charged Particle
293 Kelvin Cross Sections

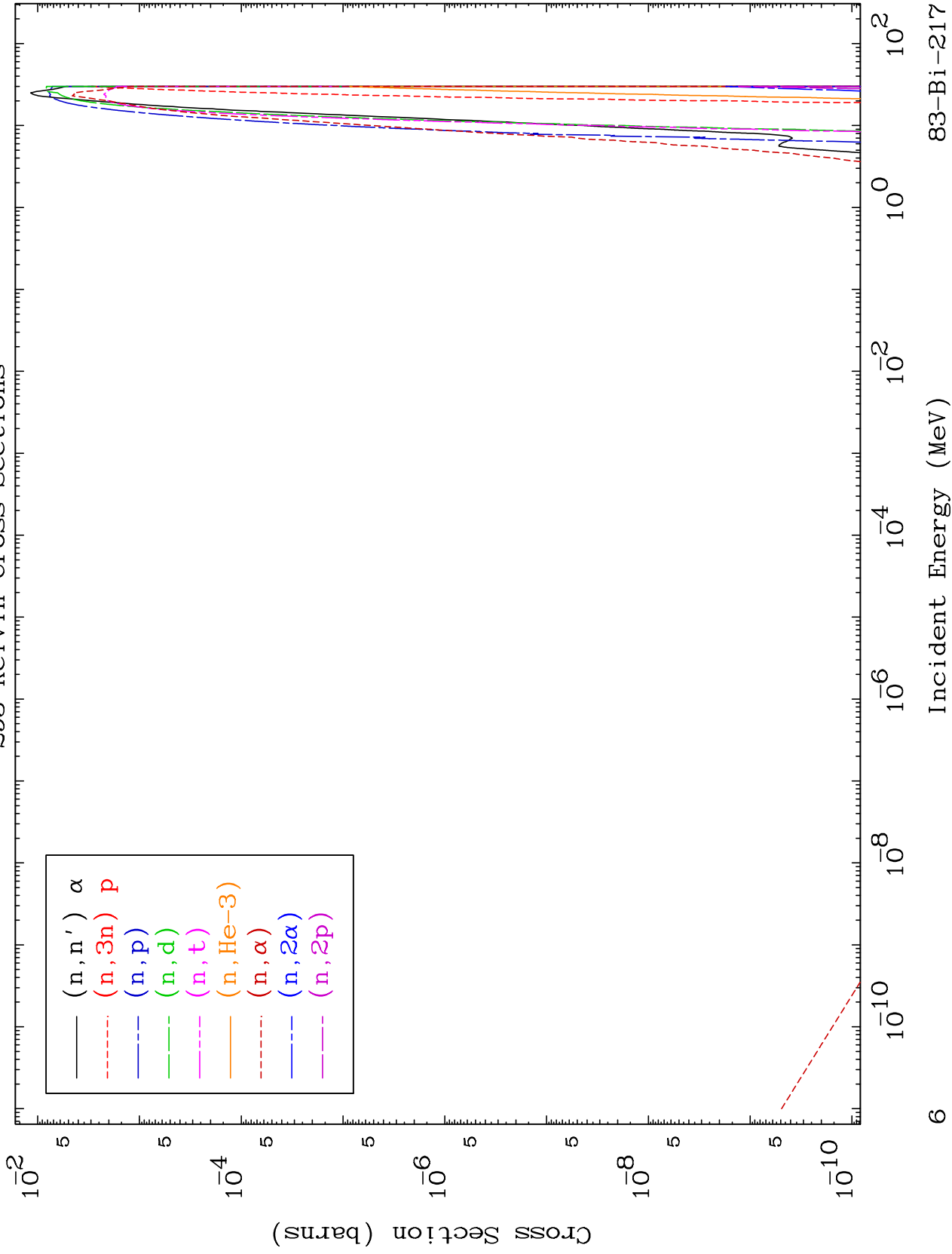
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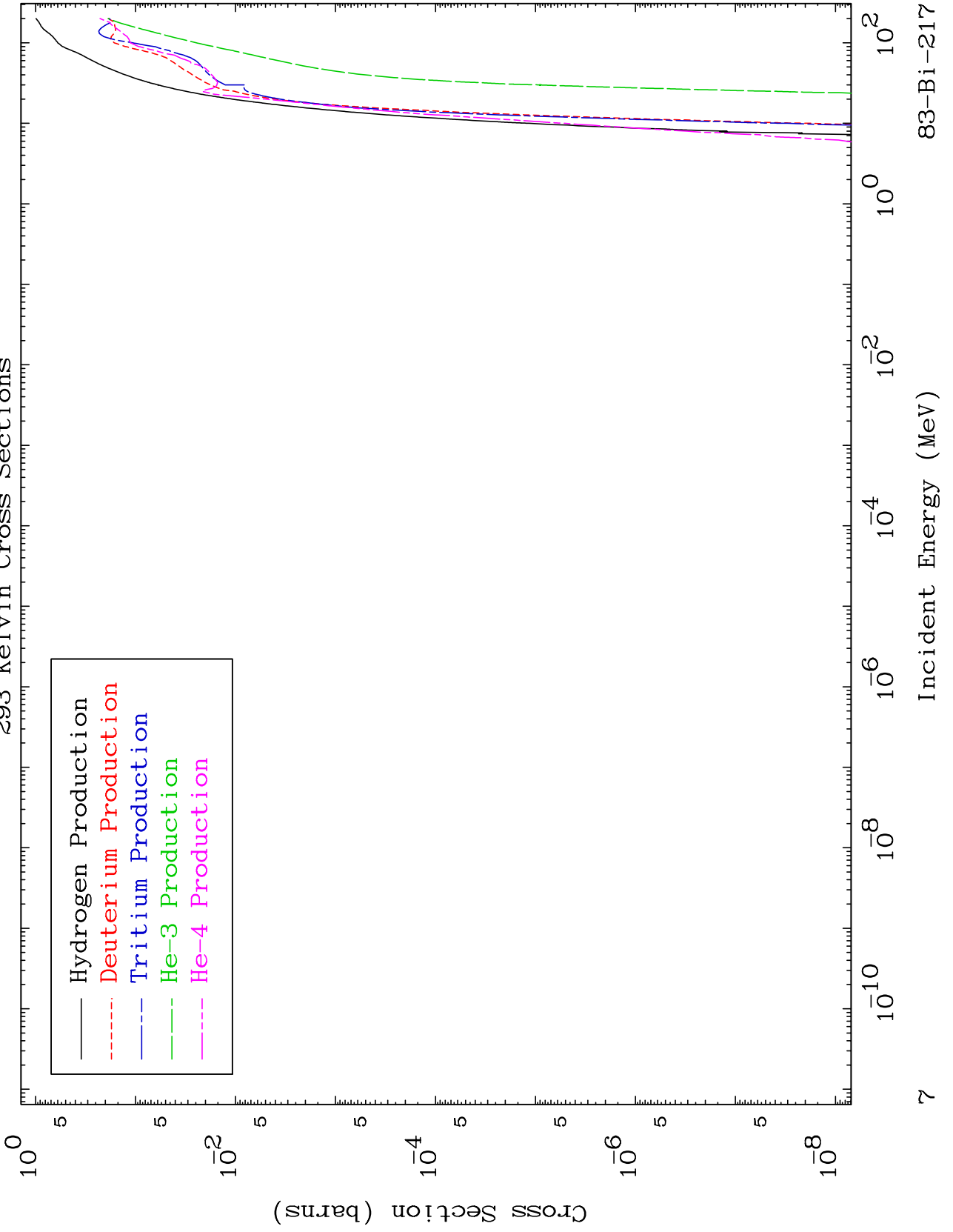


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Charged Particle
293 Kelvin Cross Sections

83-Bi-217

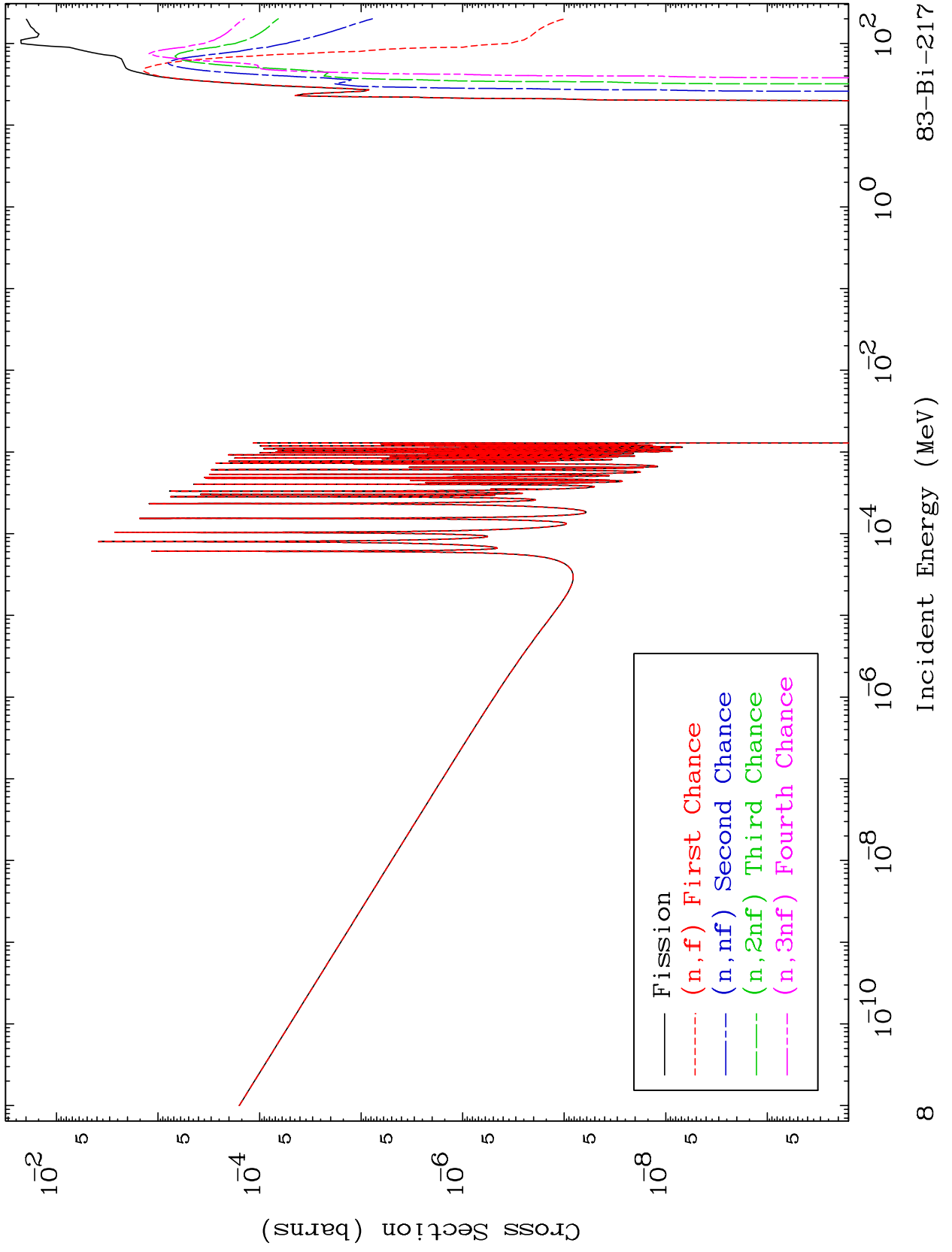




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Fission
293 Kelvin Cross Sections

83-Bi-217

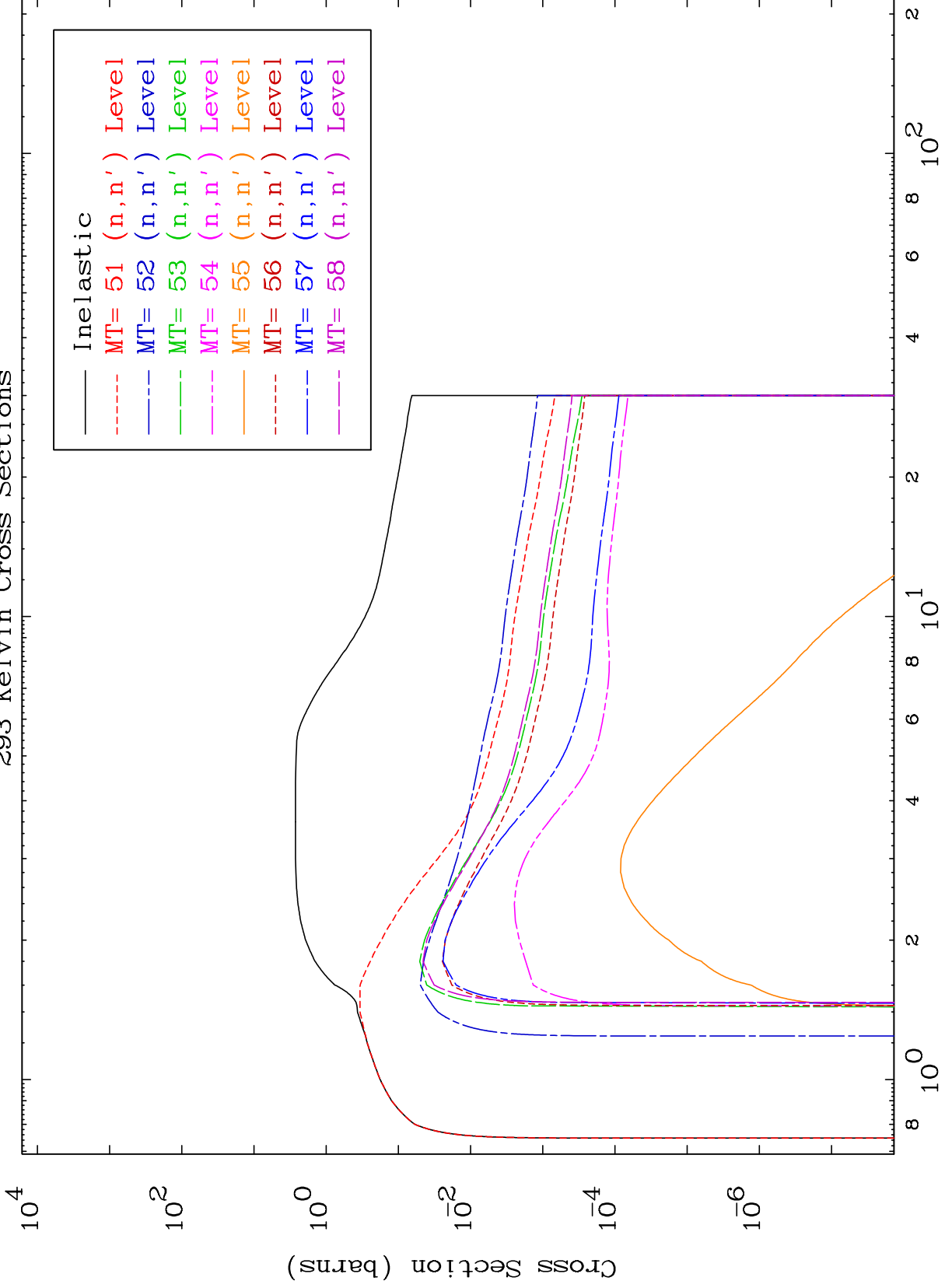


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(n,n') Levels

83-Bi-217

293 Kelvin Cross Sections



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Incident Energy (MeV)

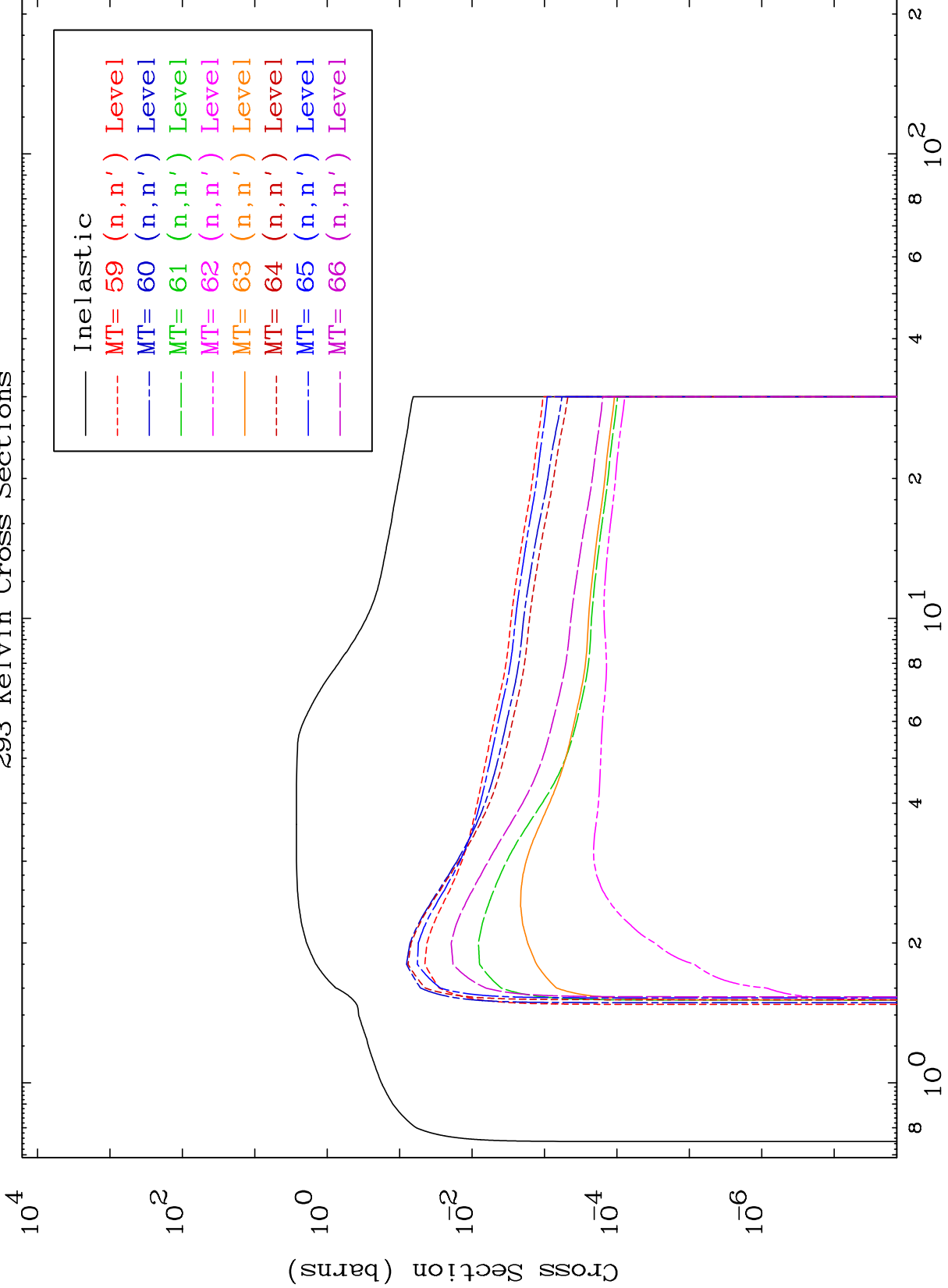
83-Bi-217

MAT 8349

(n,n') Levels

83-Bi-217

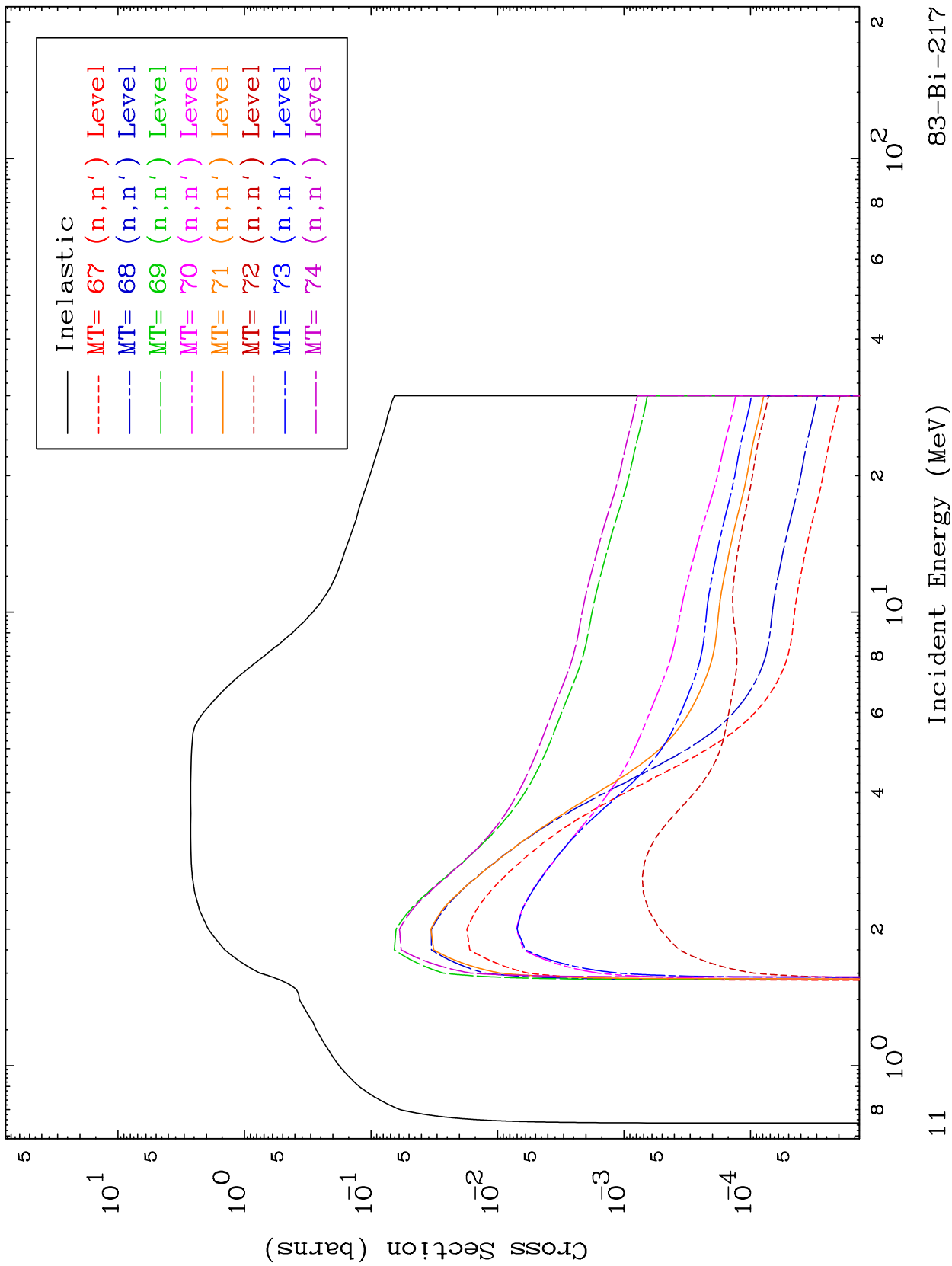
293 Kelvin Cross Sections



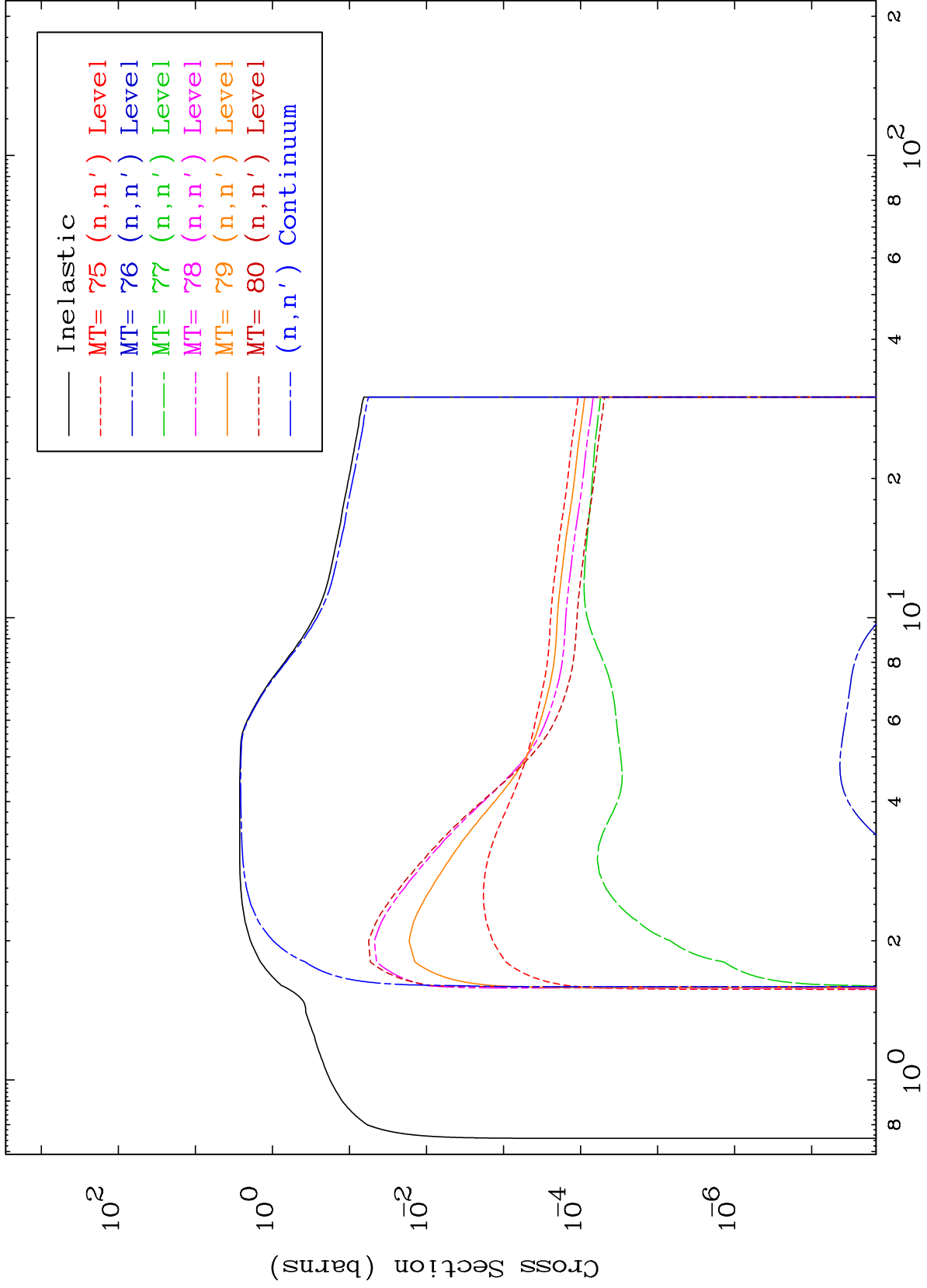
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Incident Energy (MeV)

83-Bi-217



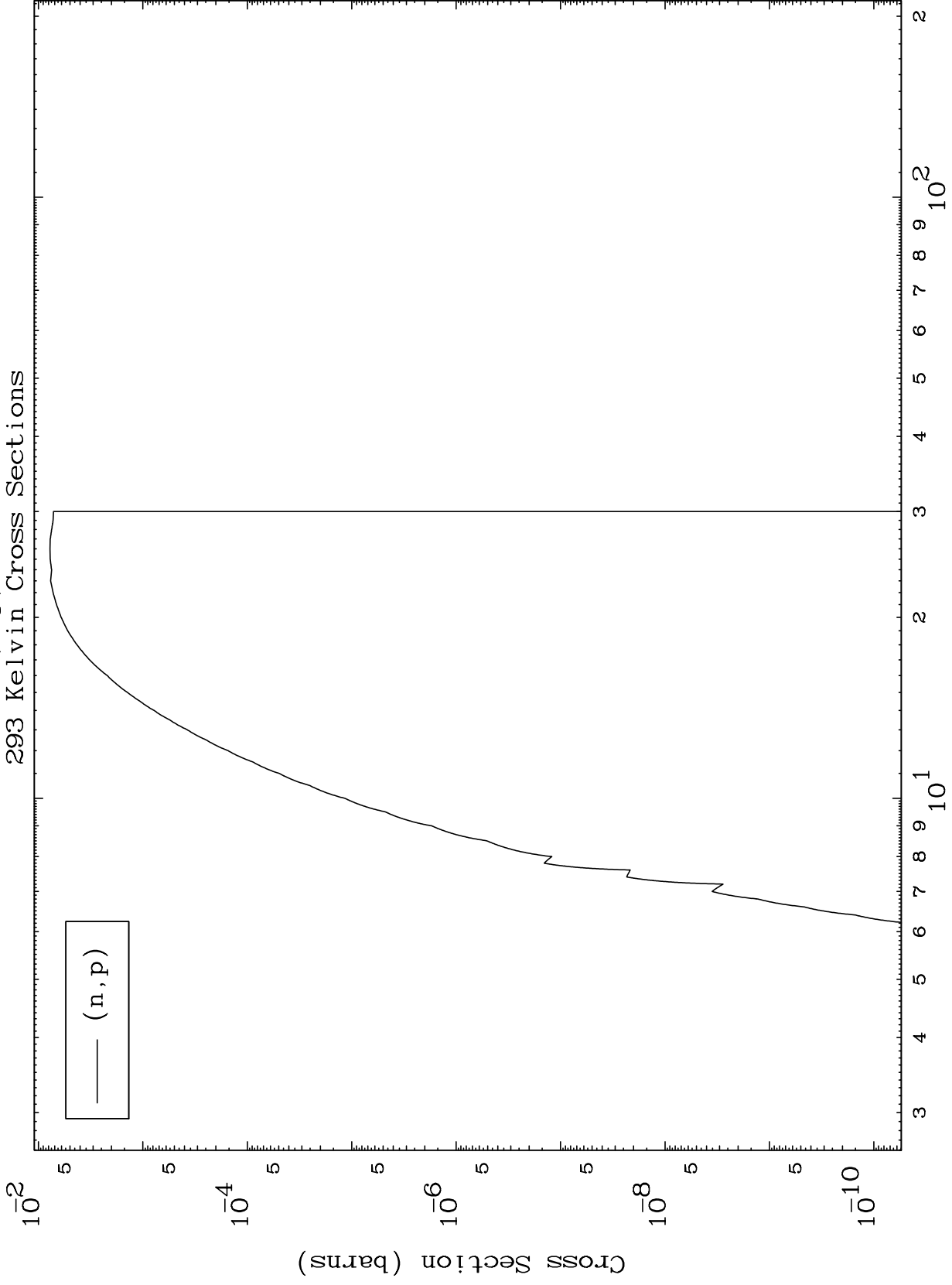
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

83-Bi-217



13

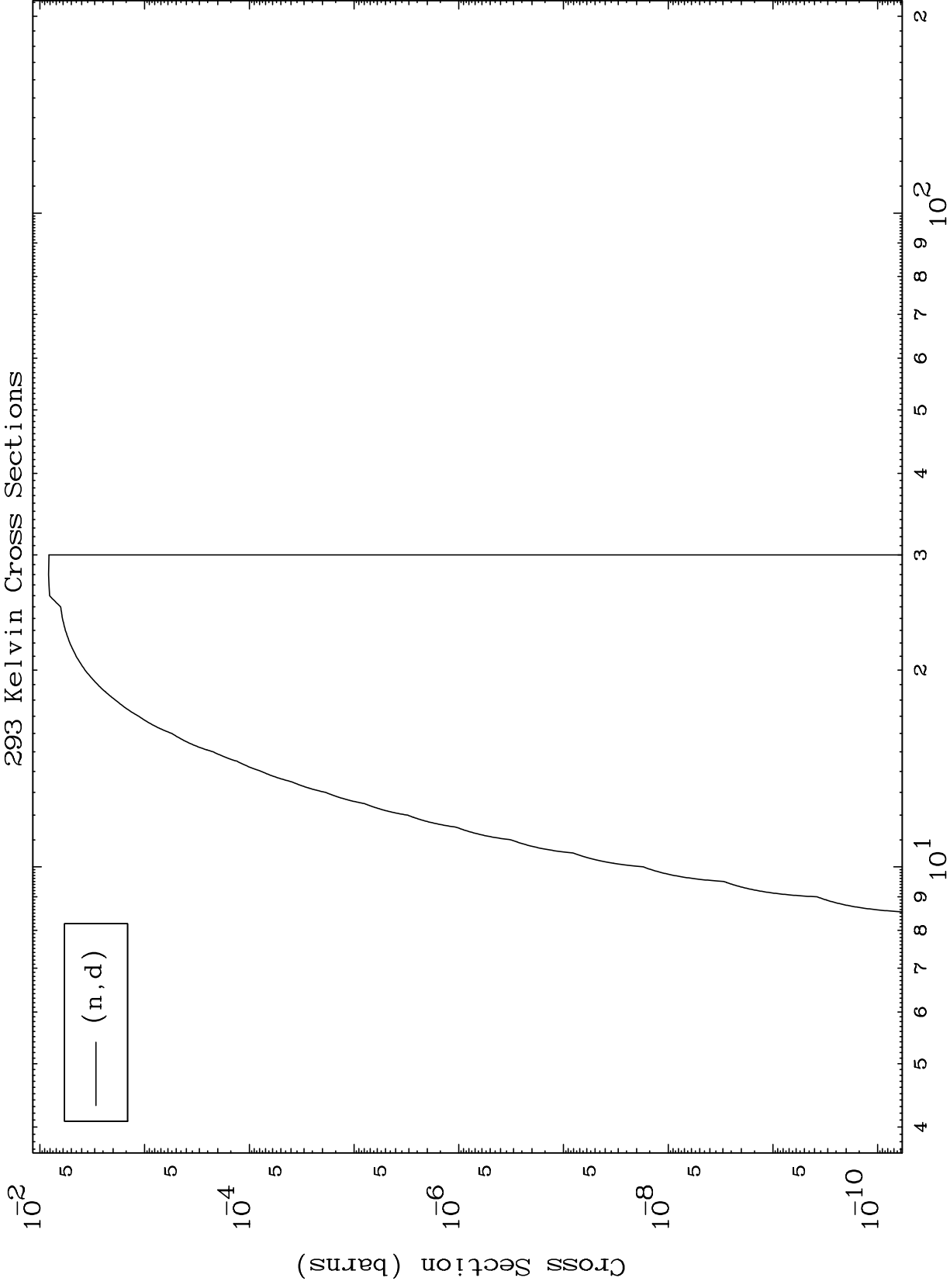
Incident Energy (MeV)

83-Bi-217

MAT 8349

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-217



14

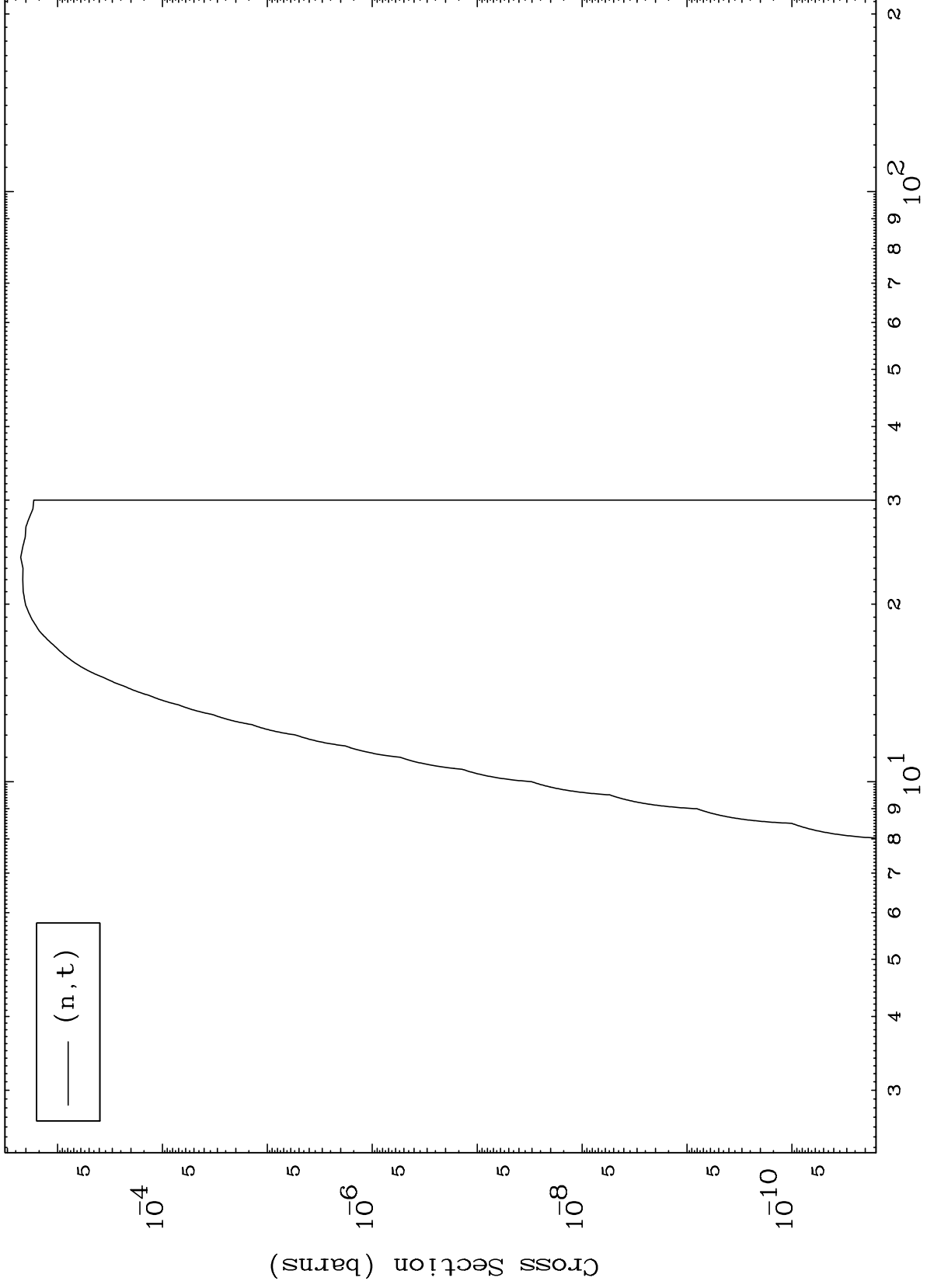
Incident Energy (MeV)

83-Bi-217

MAT 8349

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-217



15

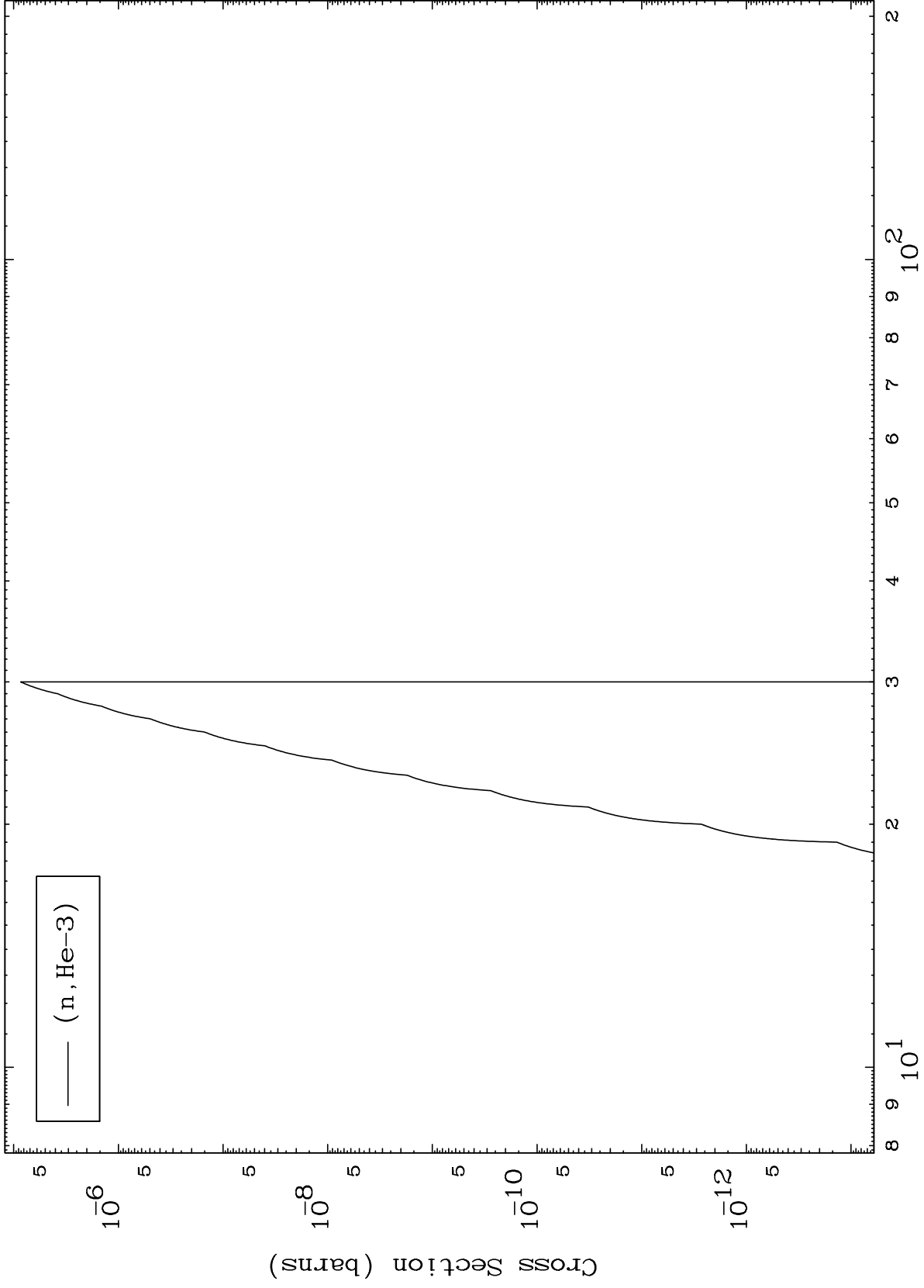
Incident Energy (MeV)

83-Bi-217

MAT 8349

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-217



(n, He-3)

16

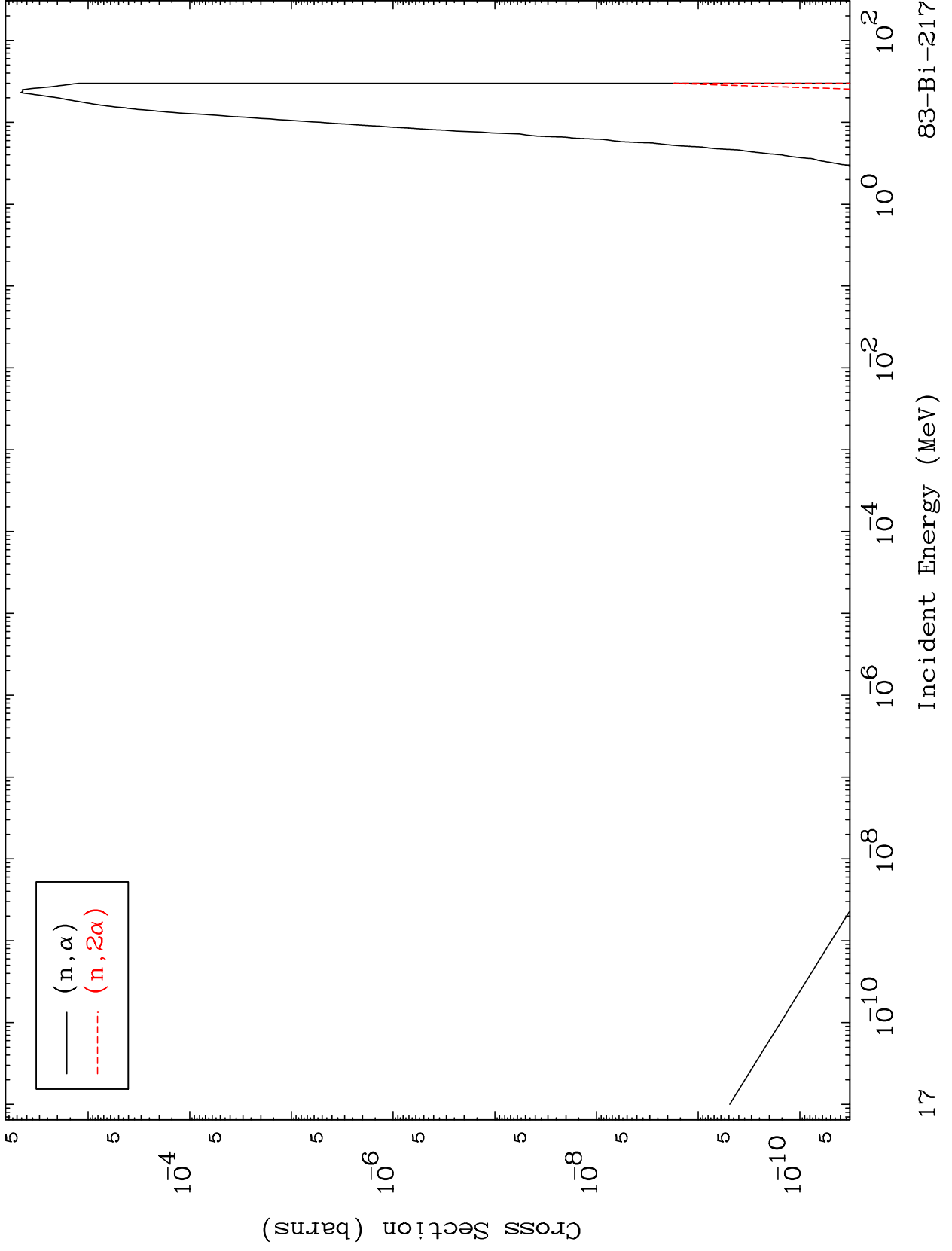
Incident Energy (MeV)

83-Bi-217

MAT 8349

(n, α) Levels
293 Kelvin Cross Sections

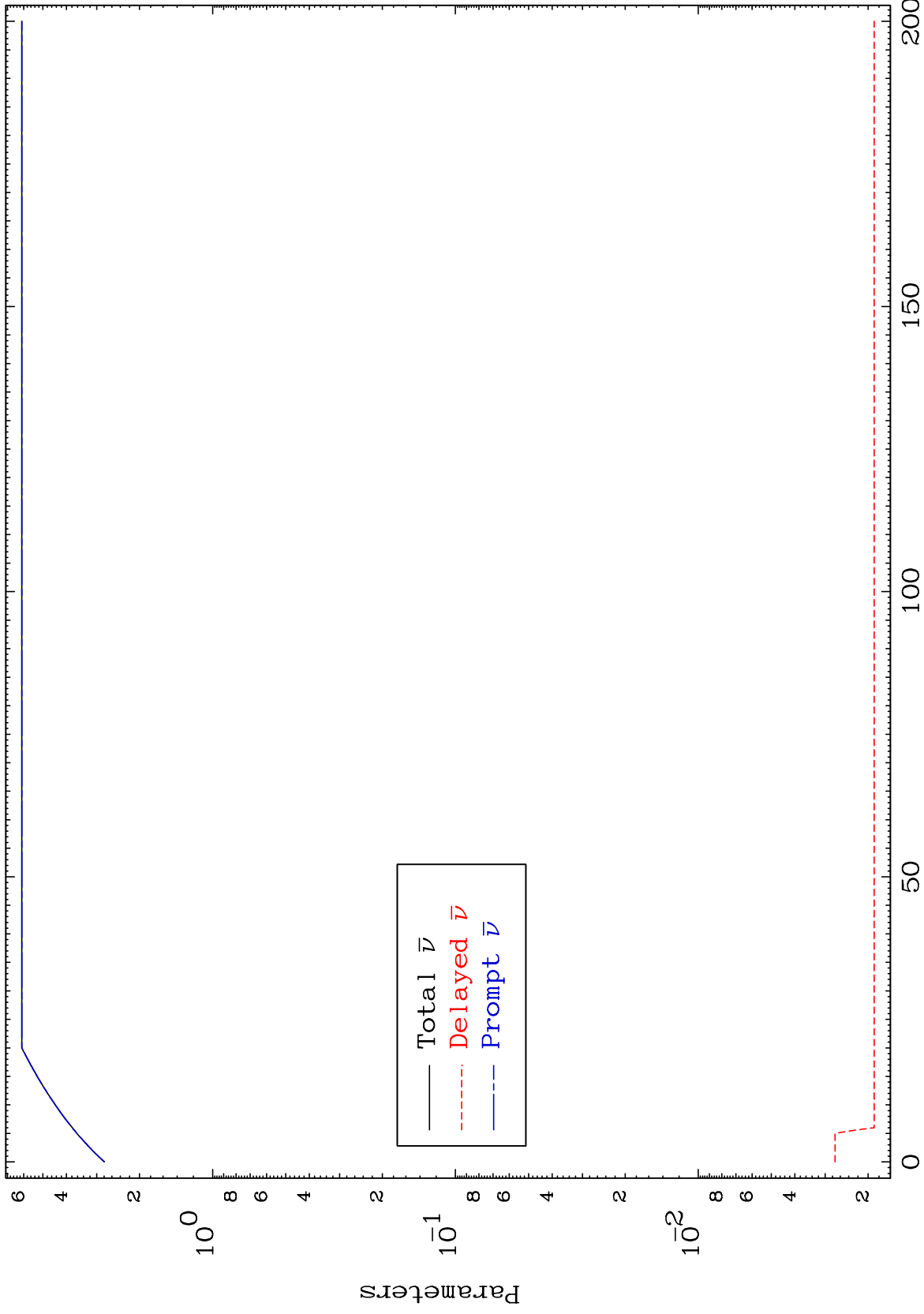
83-Bi-217



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Energy Release
Parameters

83-Bi-217



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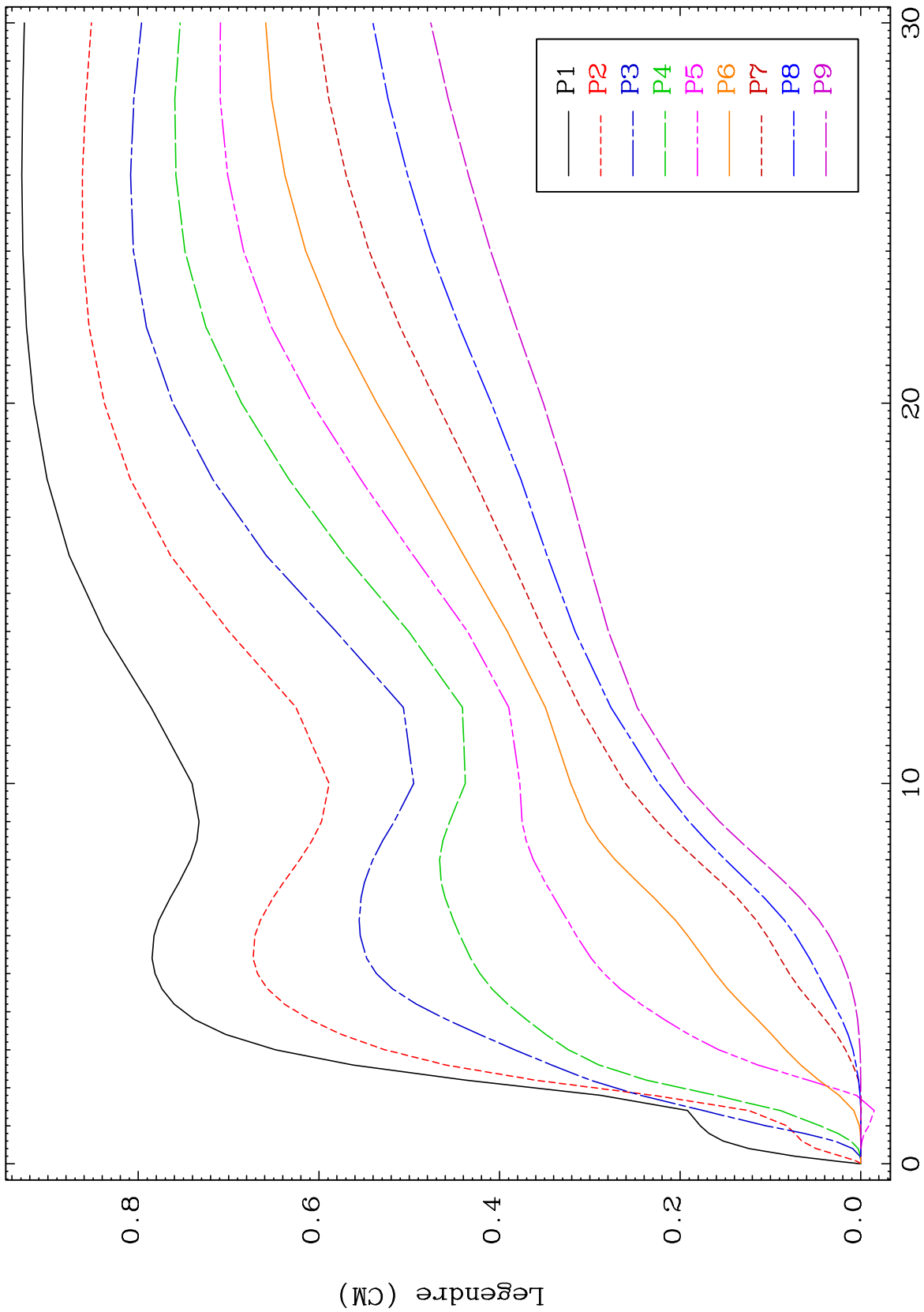
Incident Energy (MeV)

83-Bi-217

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83-Bi-217

Elastic Legendre Coefficients



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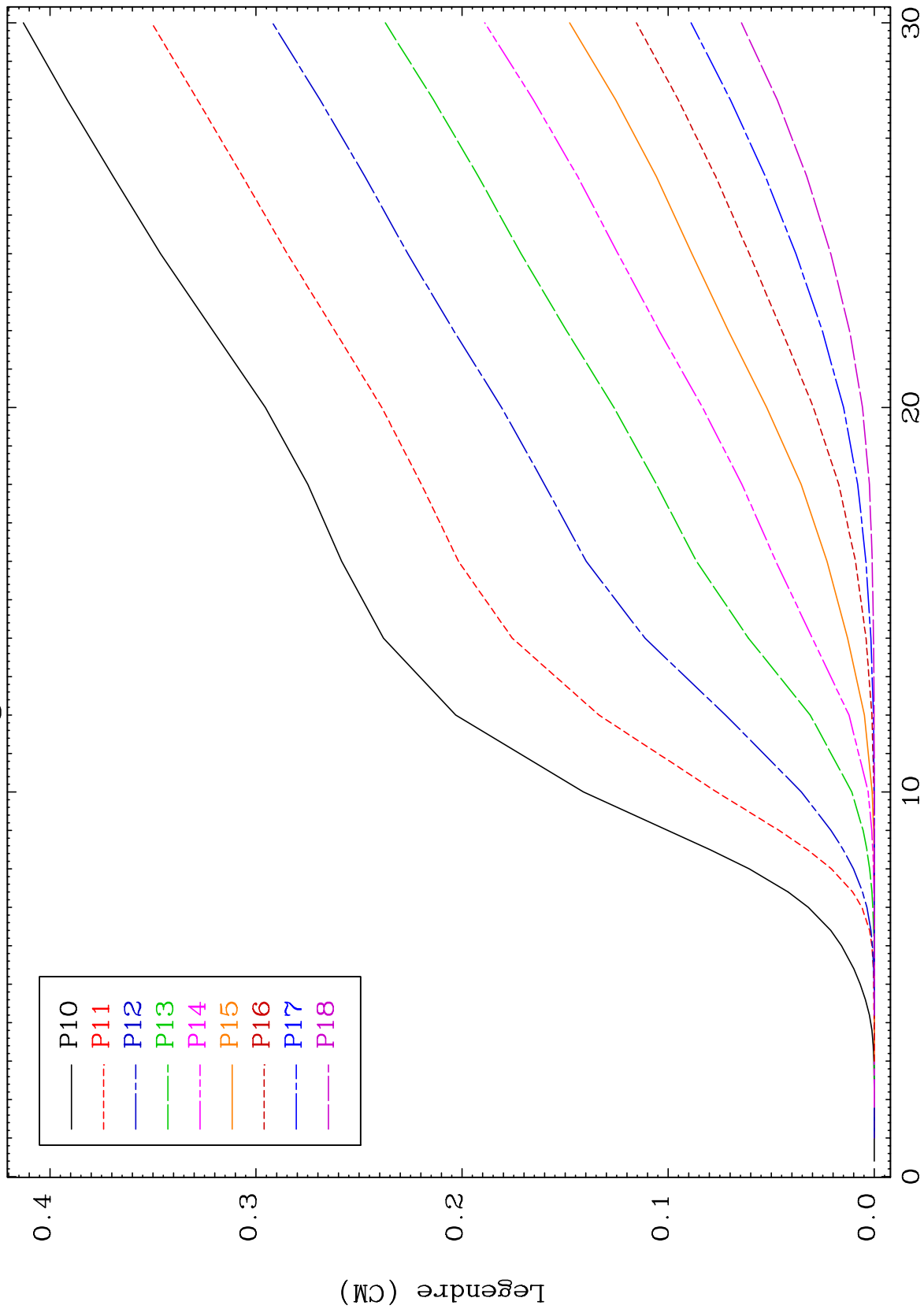
Incident Energy (MeV)

83-Bi-217

MAT 8349

Elastic Legendre Coefficients

83-Bi-217



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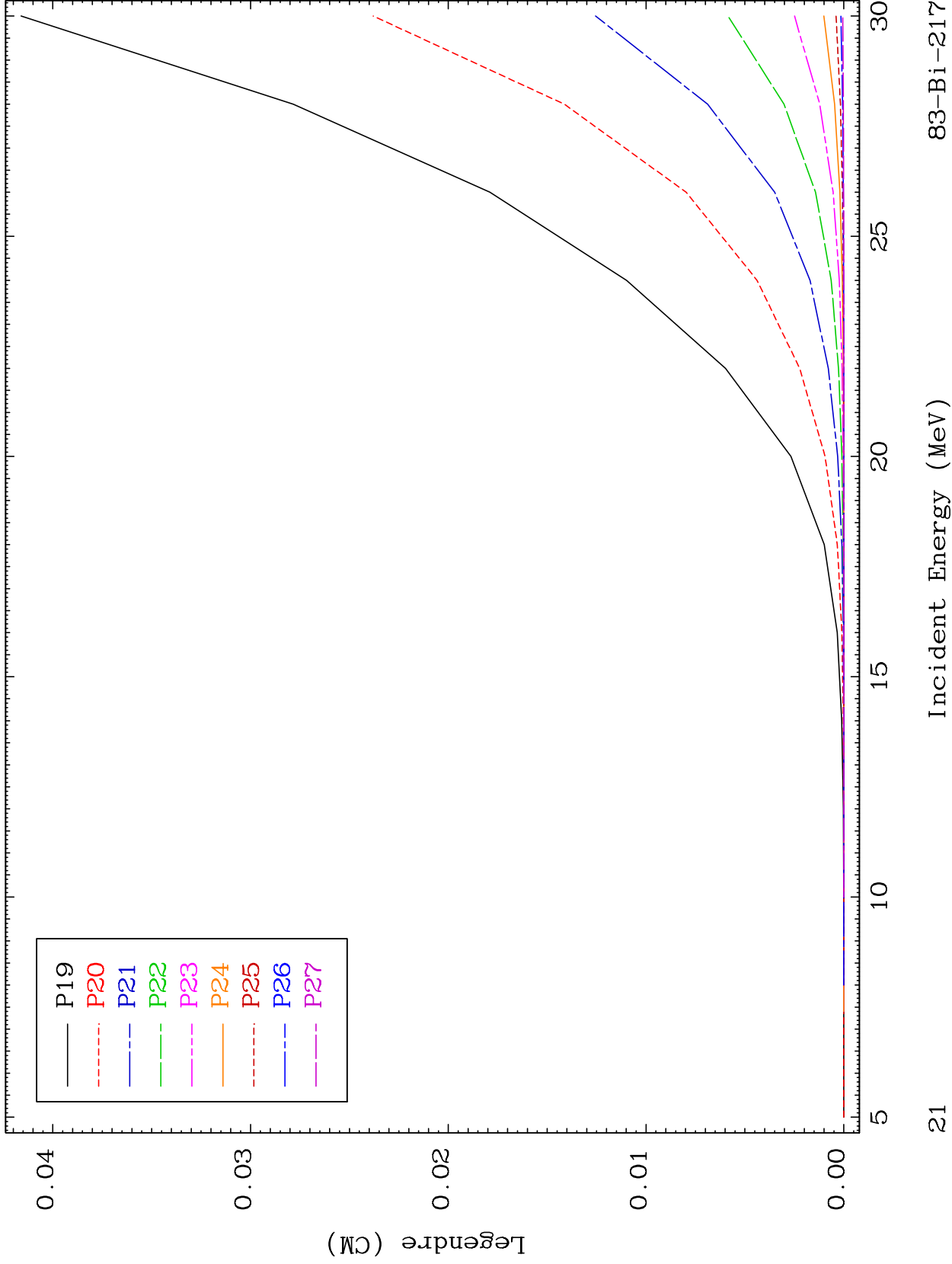
Incident Energy (MeV)

83-Bi-217

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Elastic Legendre Coefficients

83-Bi-217



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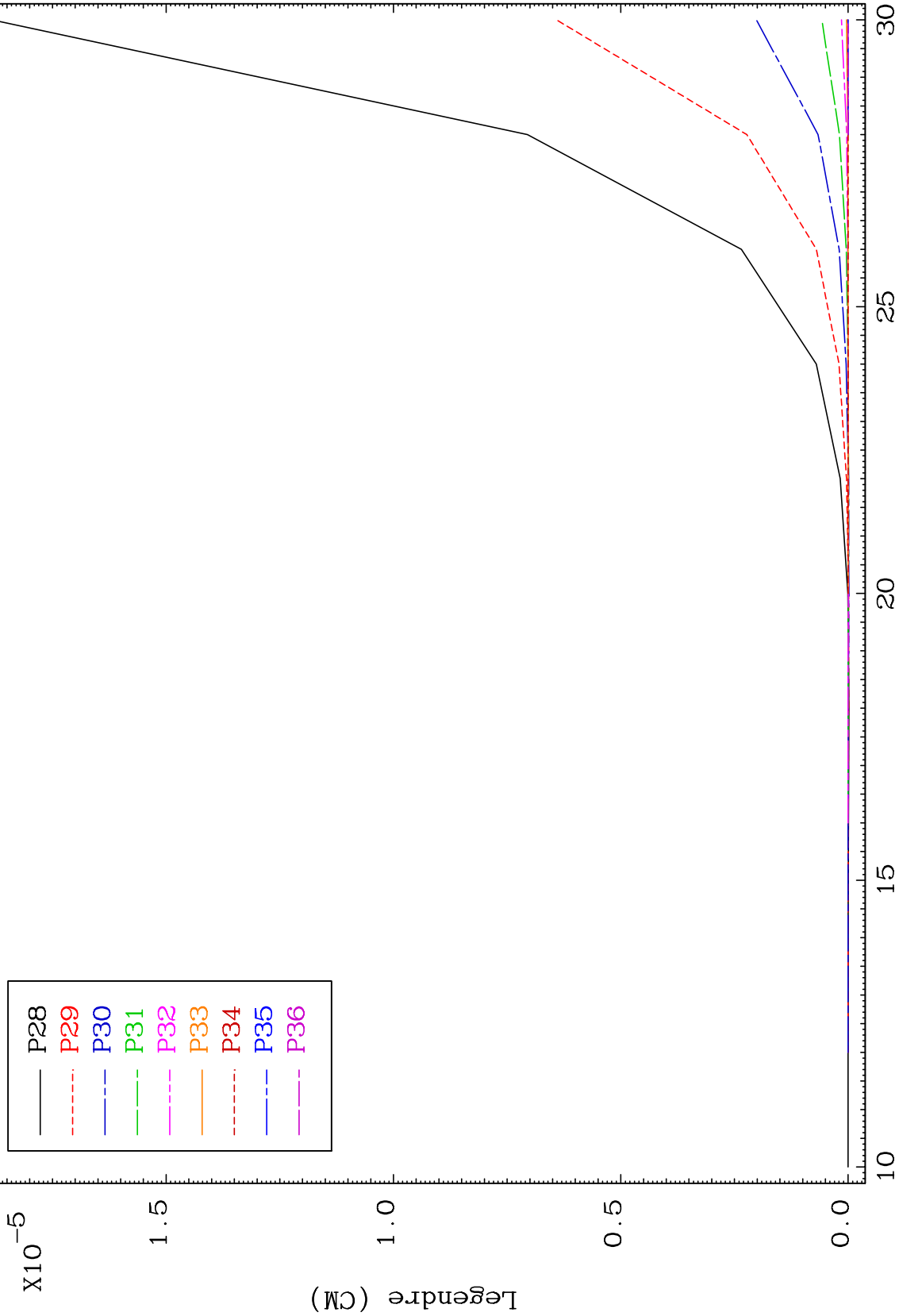
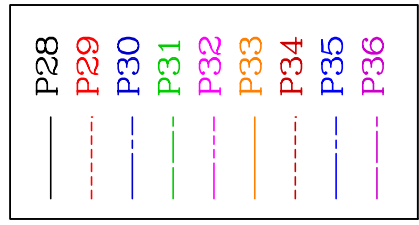
Incident Energy (MeV)

83-Bi-217

MAT 8349

Elastic Legendre Coefficients

83-Bi-217

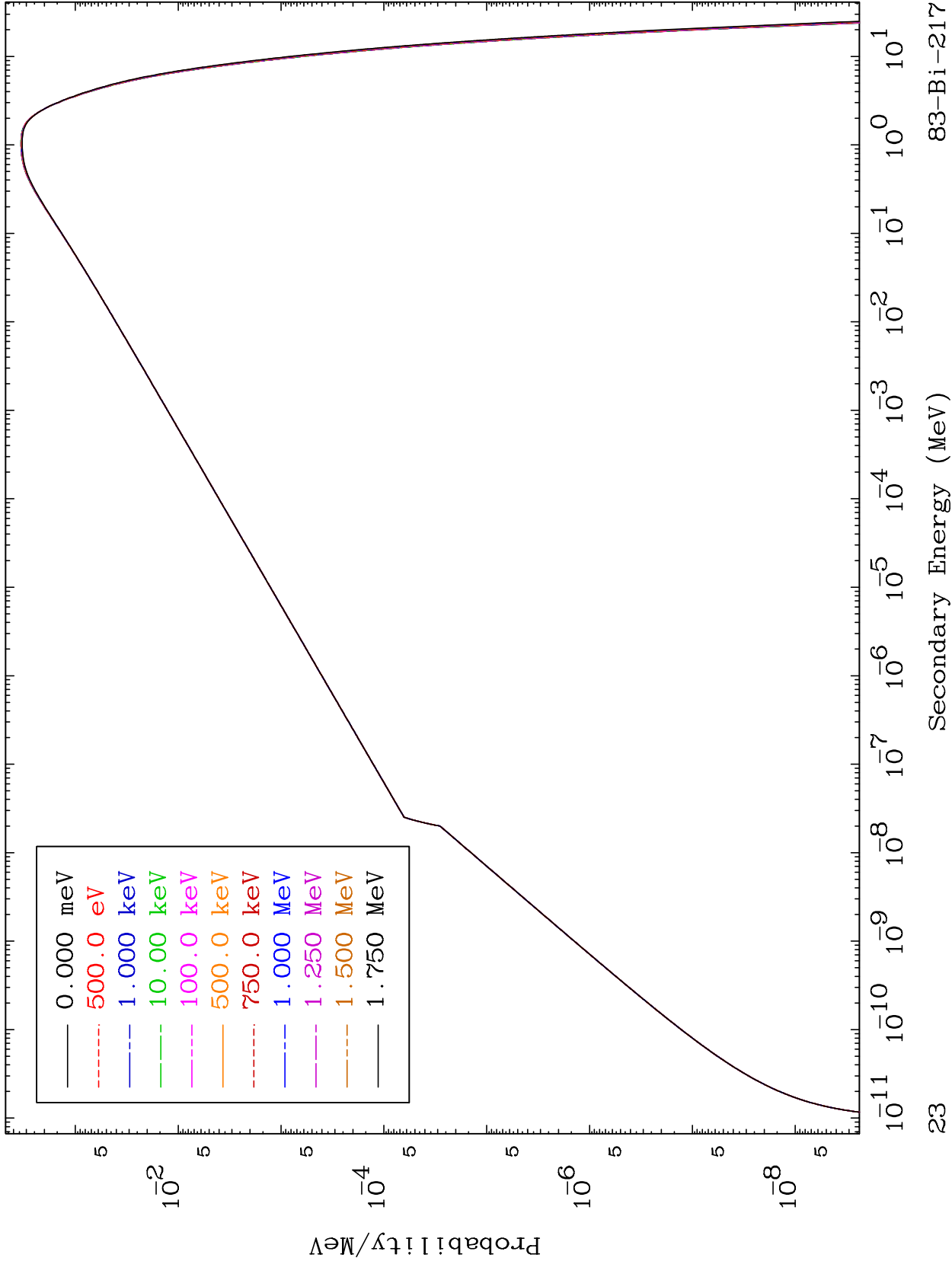


22

Incident Energy (MeV)

83-Bi-217

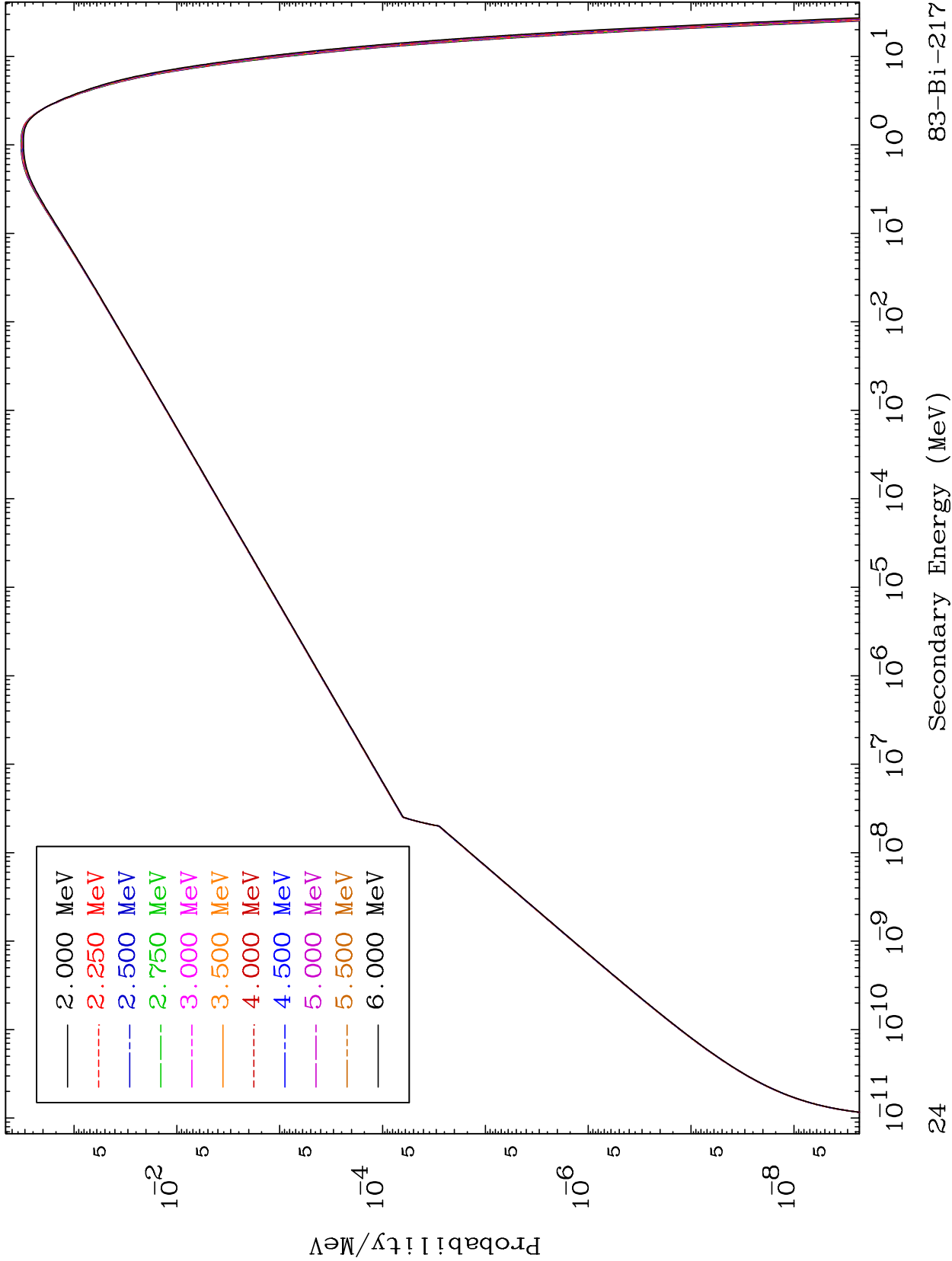
Fission Energy Distributions



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Fission Energy Distributions

83-Bi-217



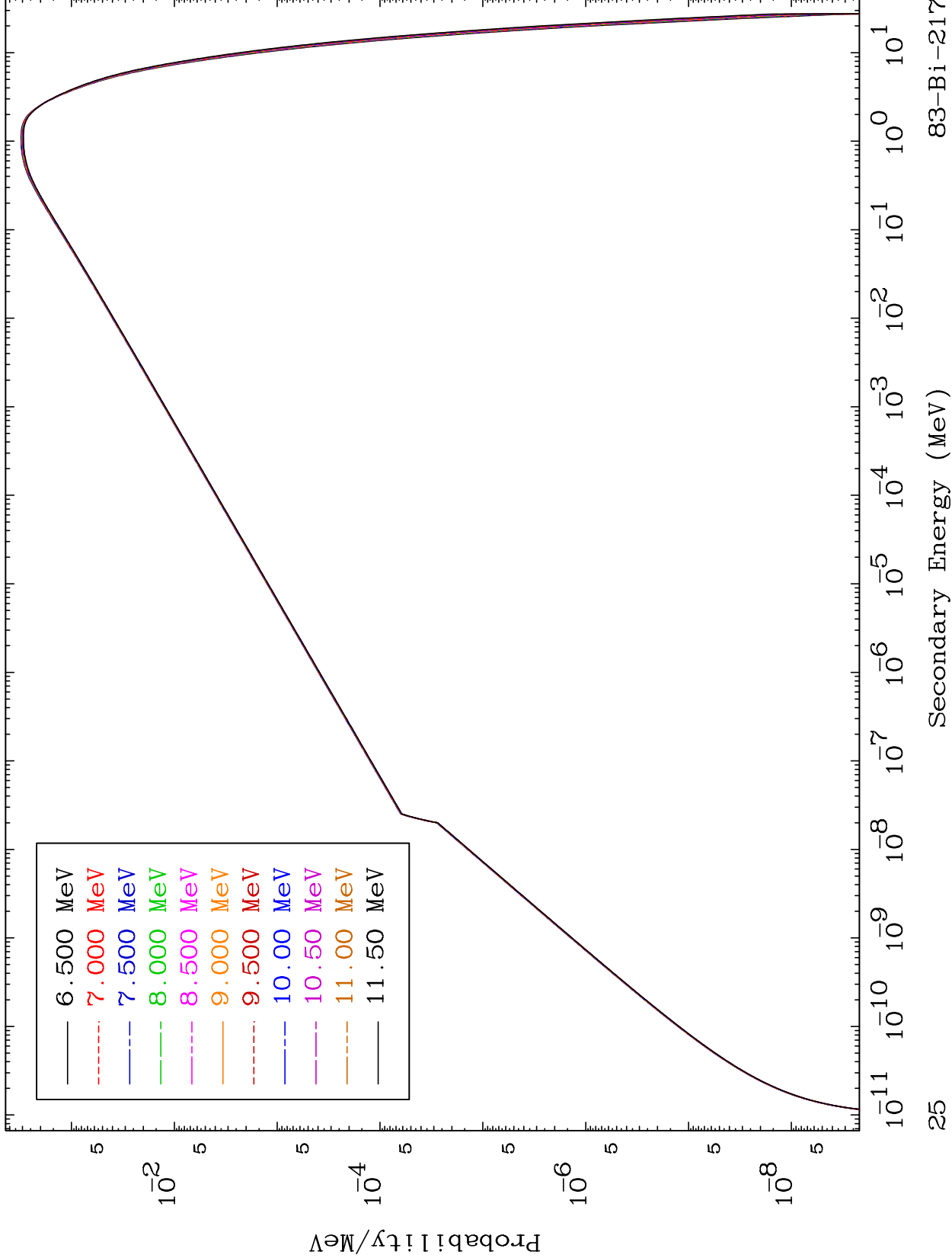
83-Bi-217

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Fission Energy Distributions

83-Bi-217



83-Bi-217

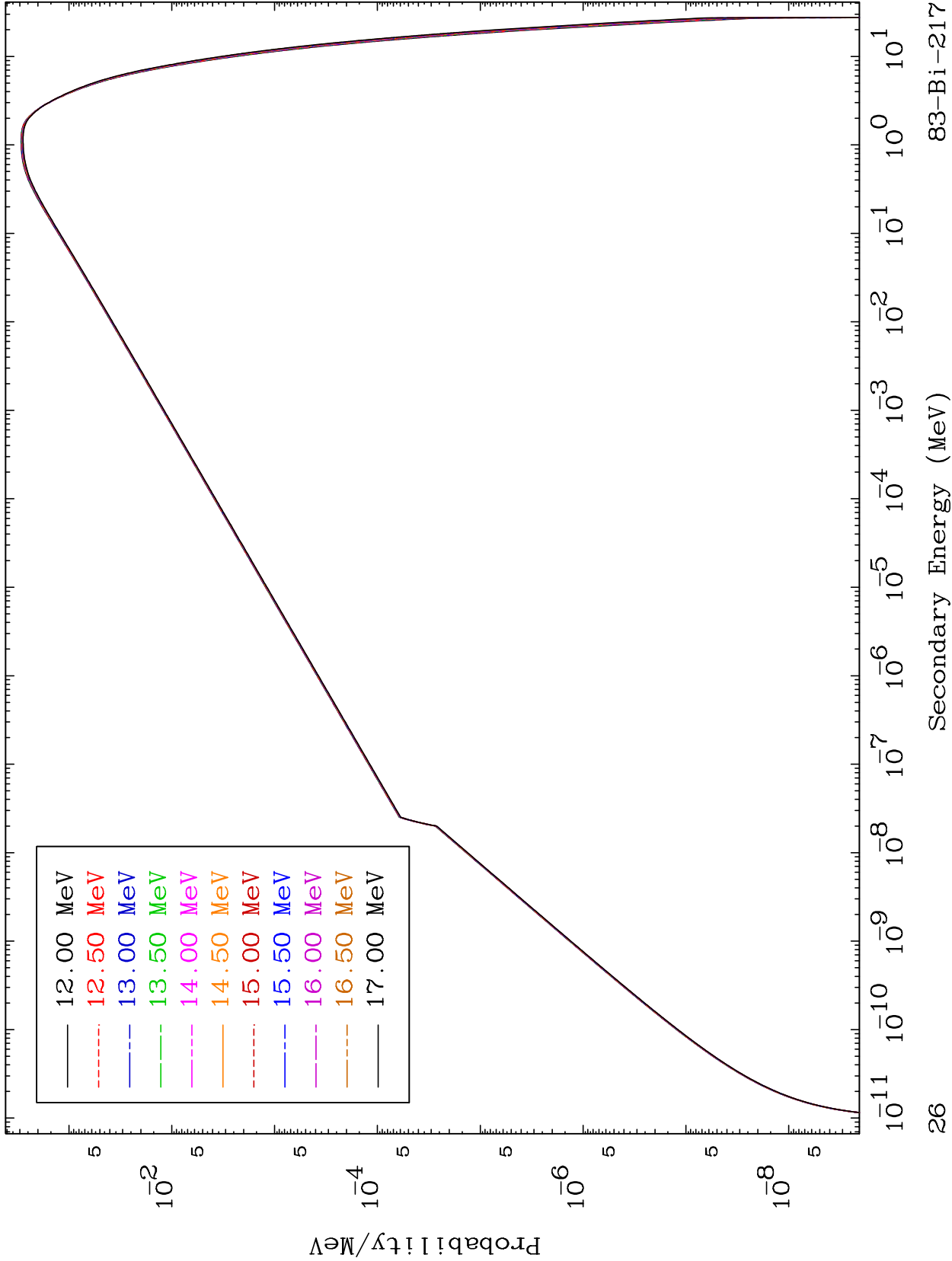
Secondary Energy (MeV)

25

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Fission Energy Distributions

83-Bi-217

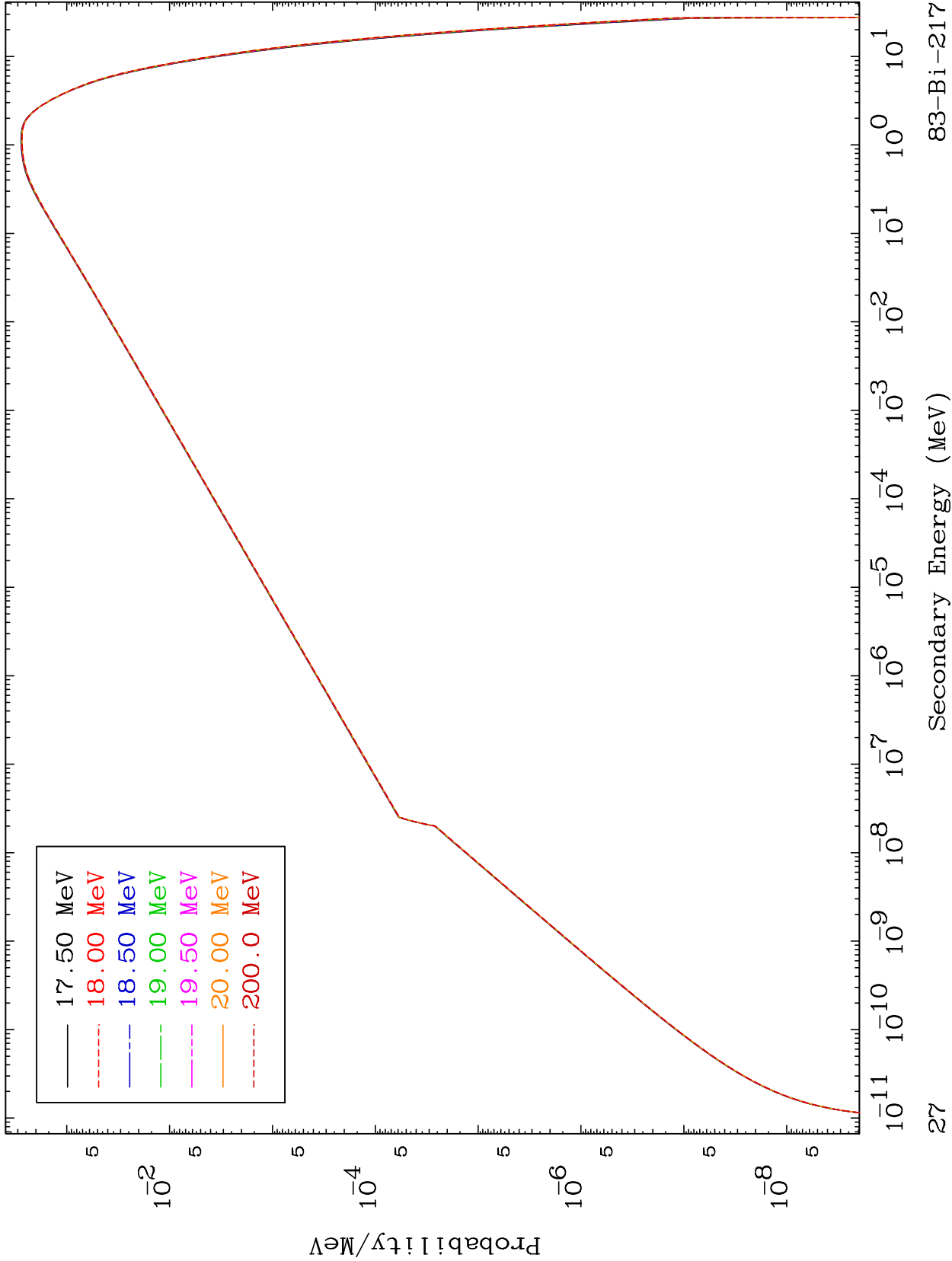


83-Bi-217

Secondary Energy (MeV)

26

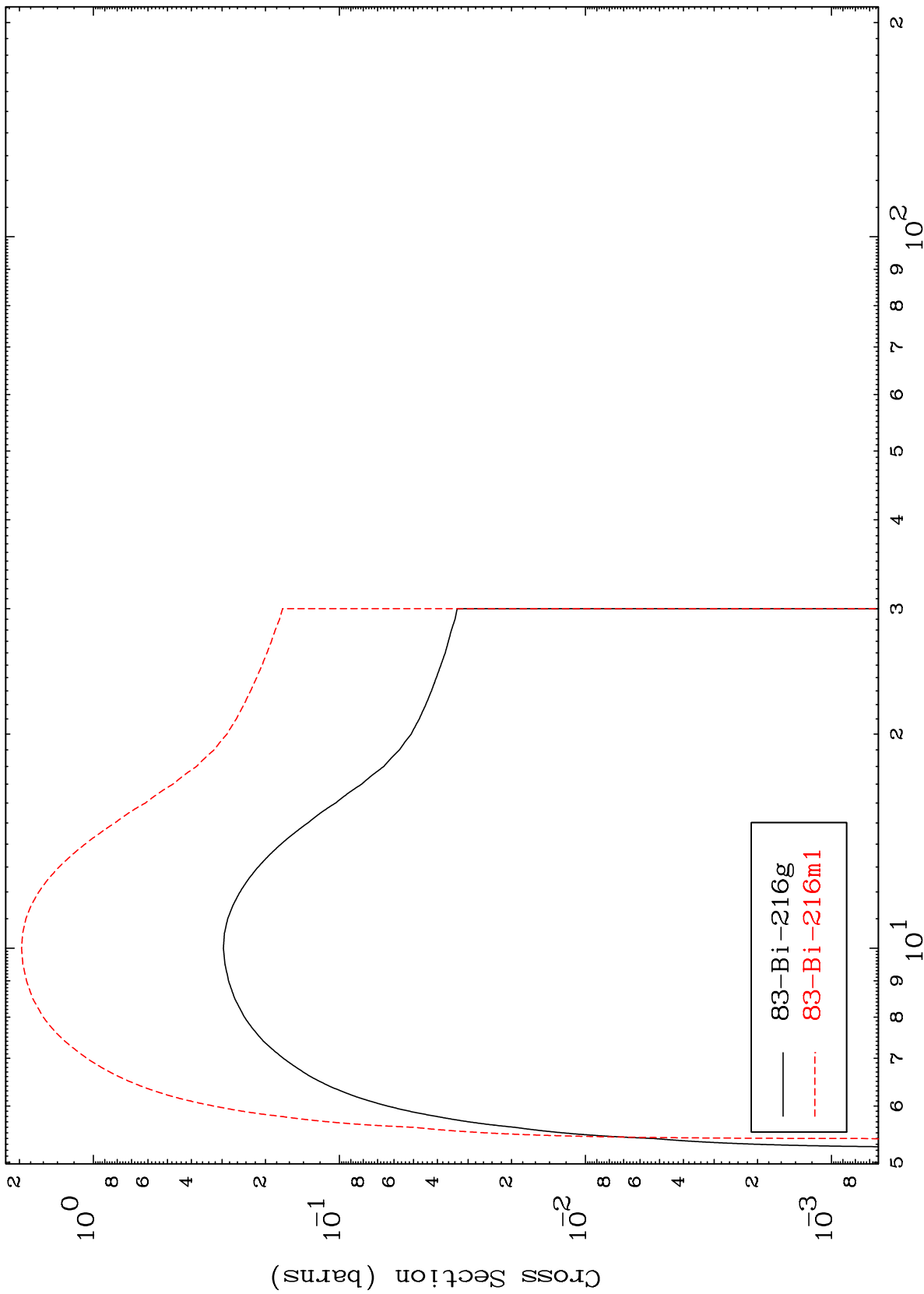
Fission Energy Distributions



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Radionuclide Production Cross Section (n,2n)



28

Incident Energy (MeV)

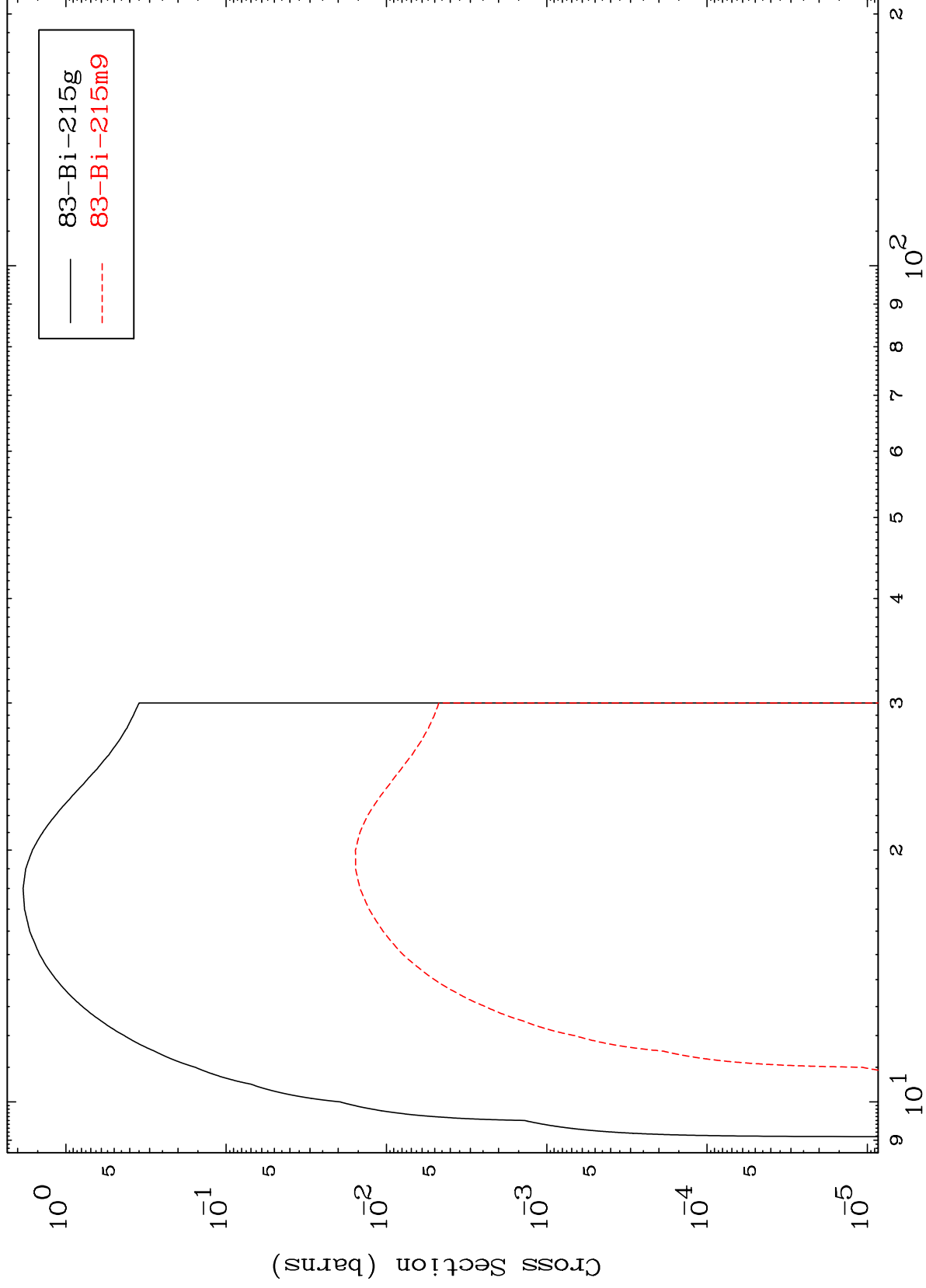
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(n,3n)

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Radionuclide Production Cross Section



29

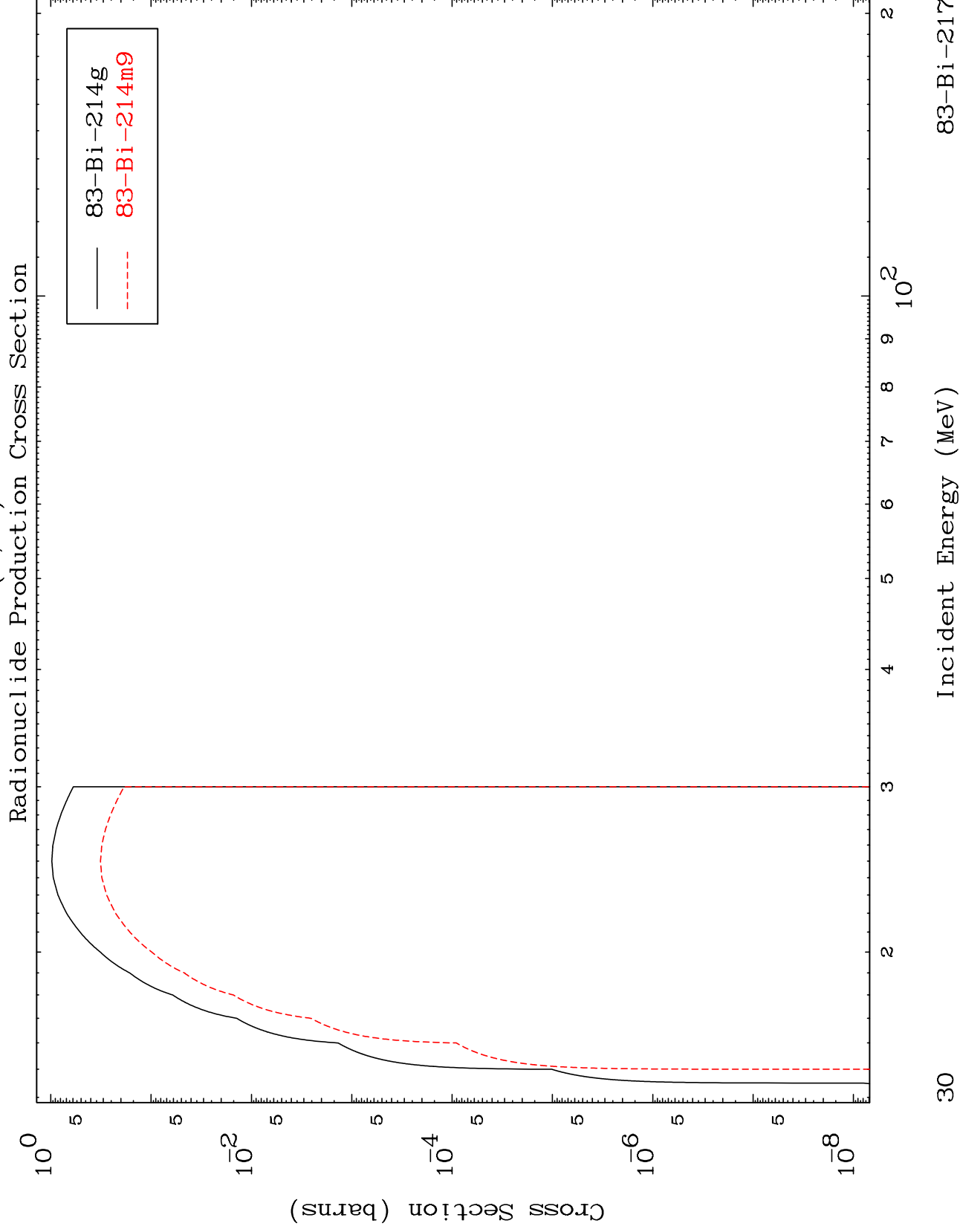
Incident Energy (MeV)

83-Bi-217

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(n,4n)

83-Bi-217



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83-Bi-217