

Program EVALPLOT
(Version 2018-1)

by

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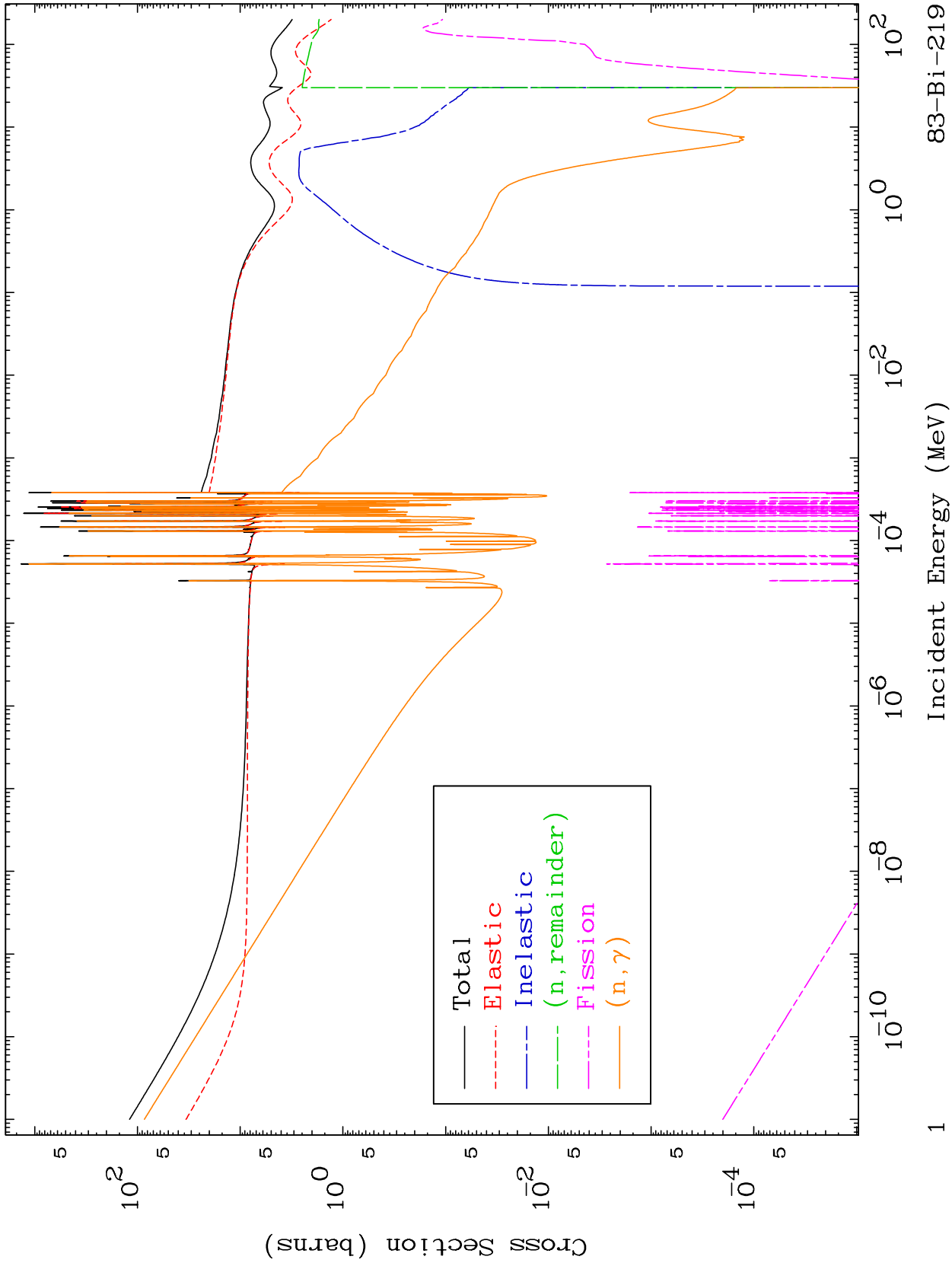
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8355

Major
293 Kelvin Cross Sections

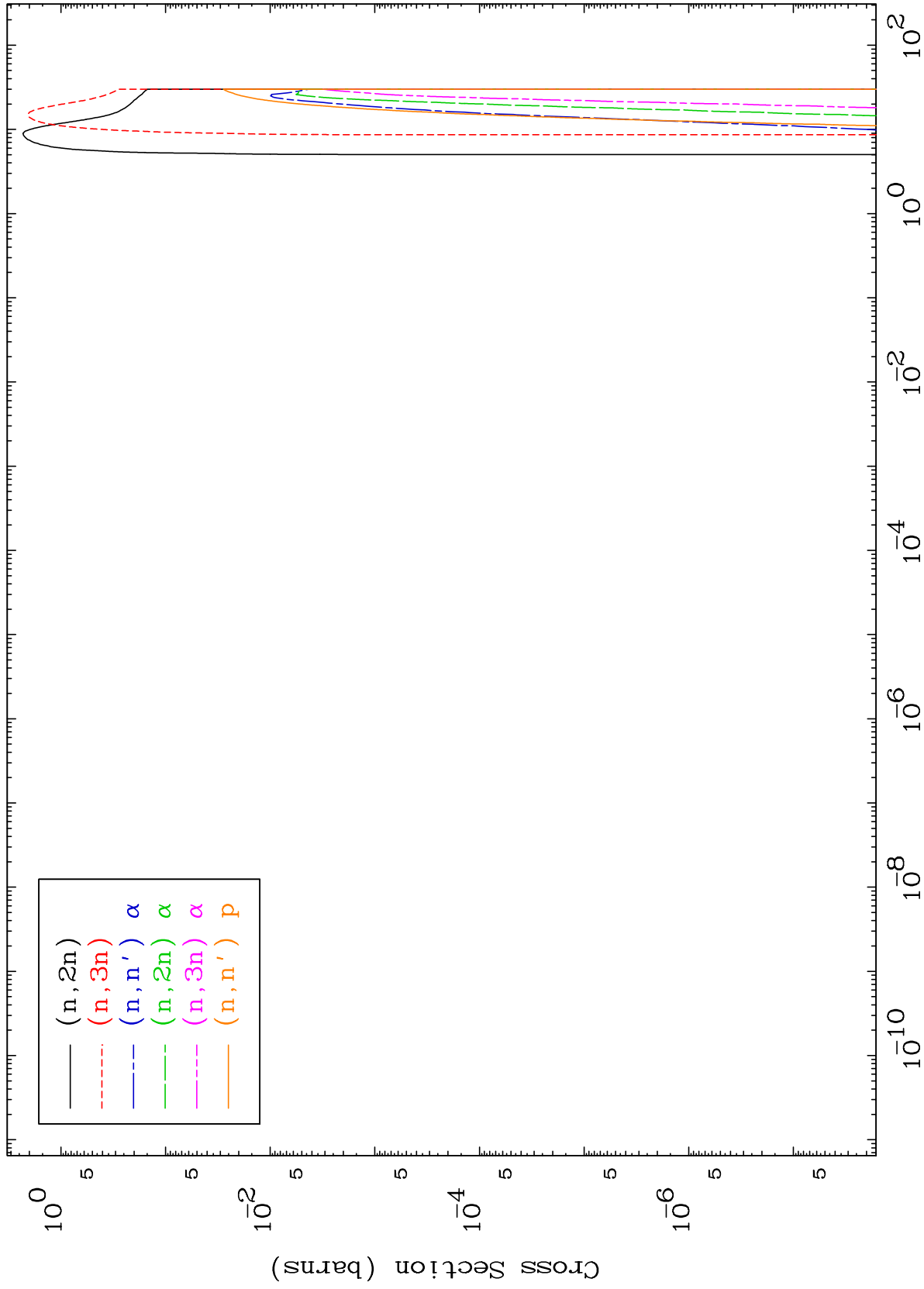
83-Bi-219



MAT 8355

Neutron Production
293 Kelvin Cross Sections

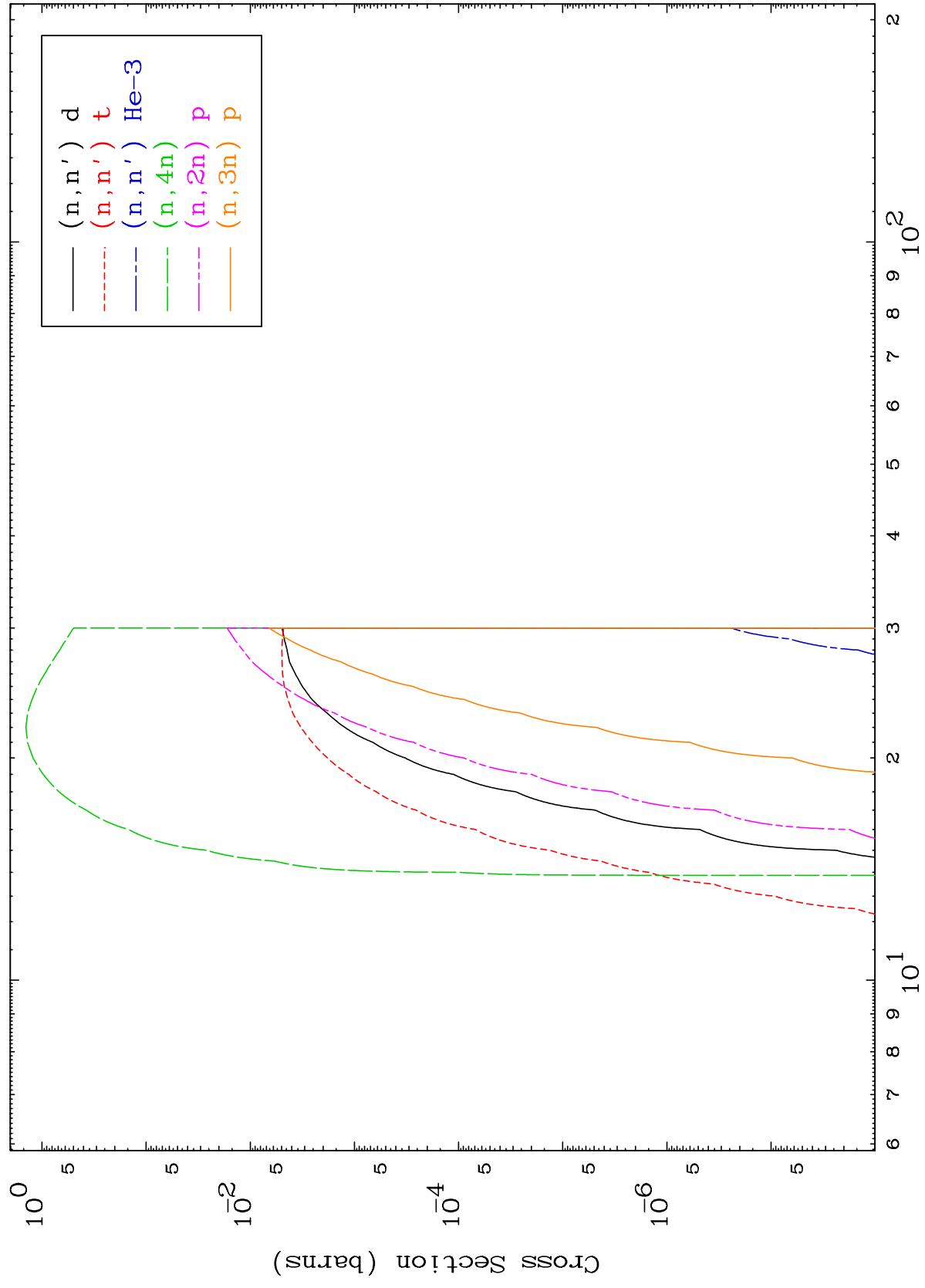
83-Bi-219



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Incident Energy (MeV)

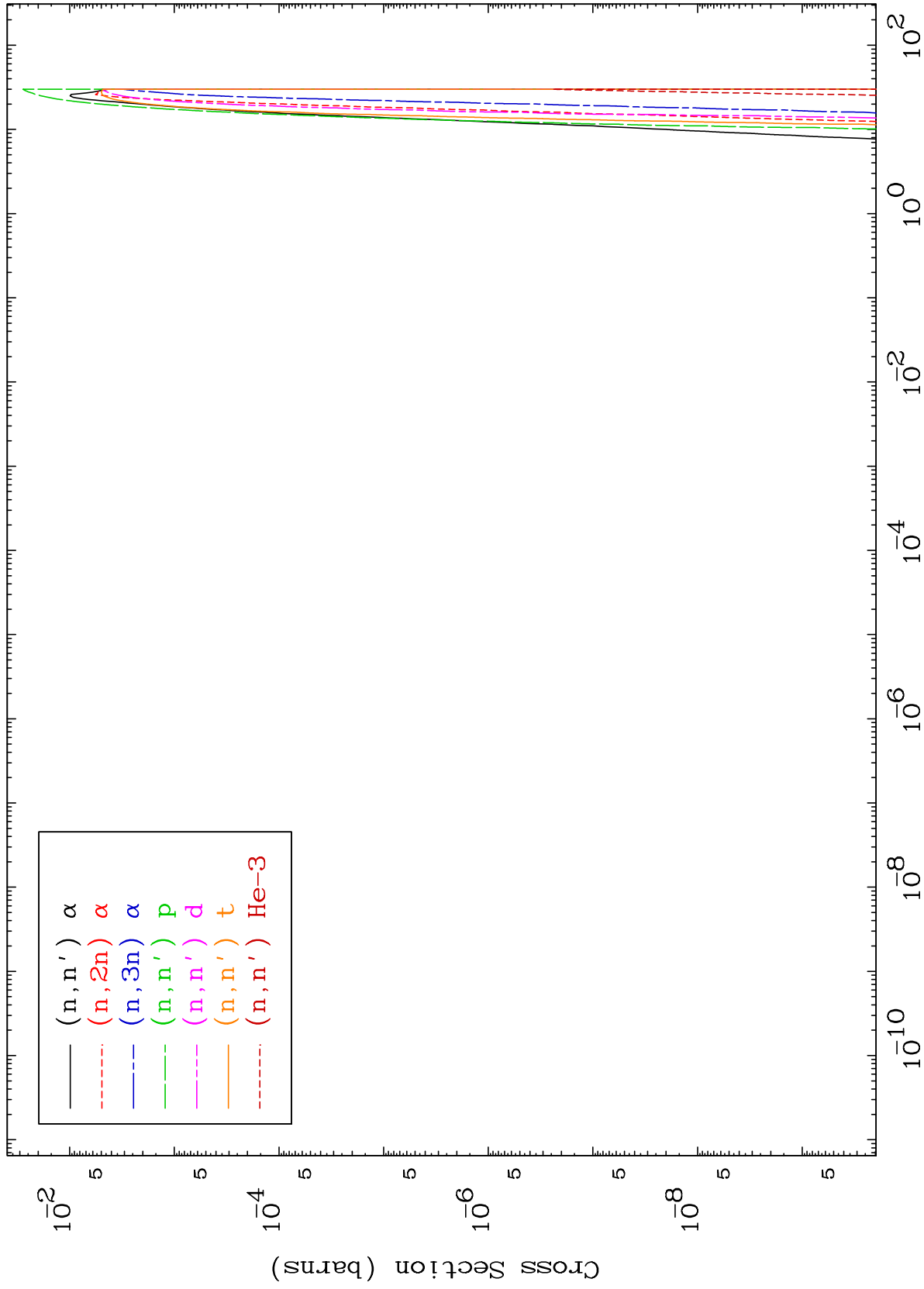
83-Bi-219



MAT 8355

Charged Particle
293 Kelvin Cross Sections

83-Bi-219

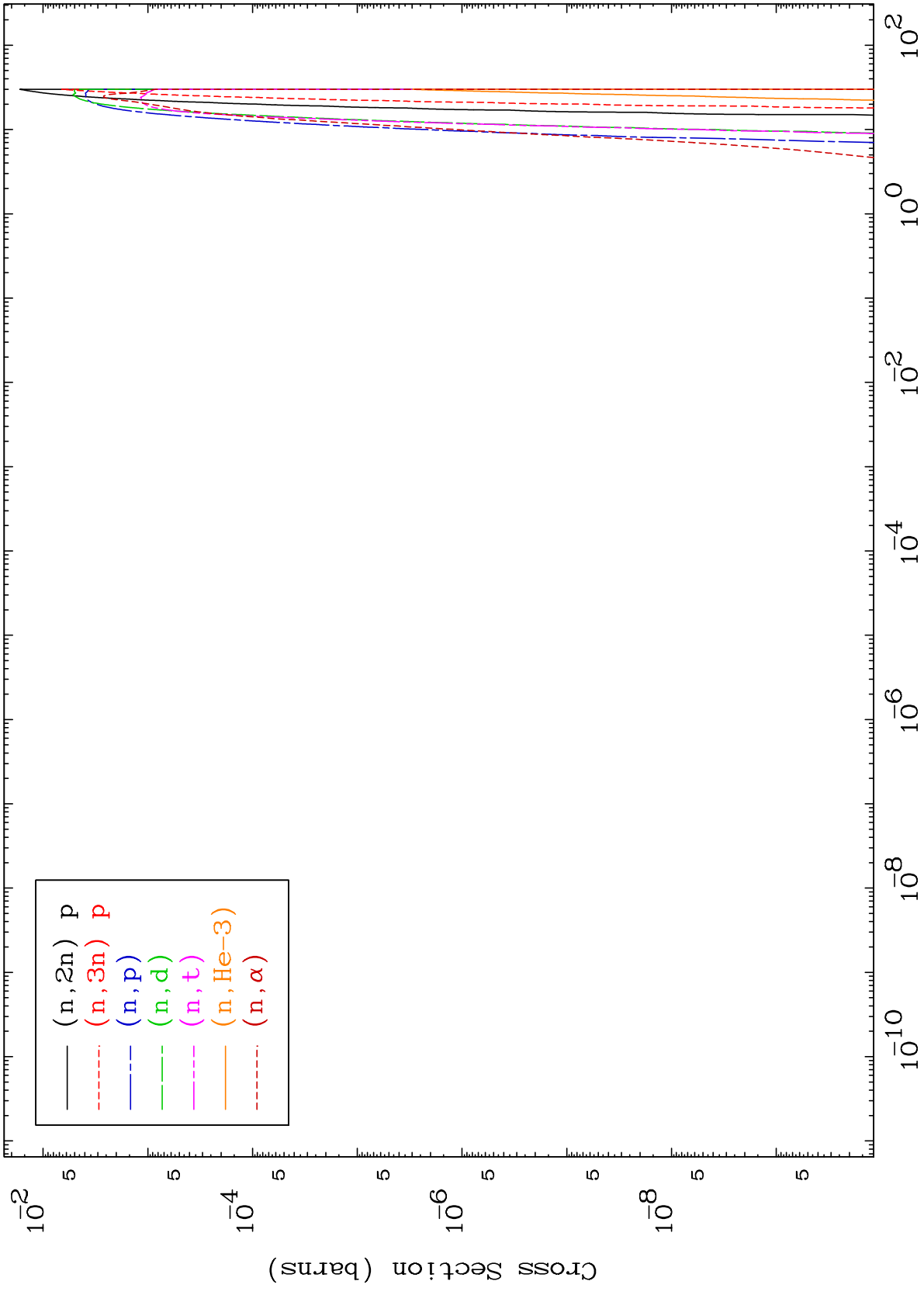


83-Bi-219

MAT 8355

293 Kelvin Cross Sections

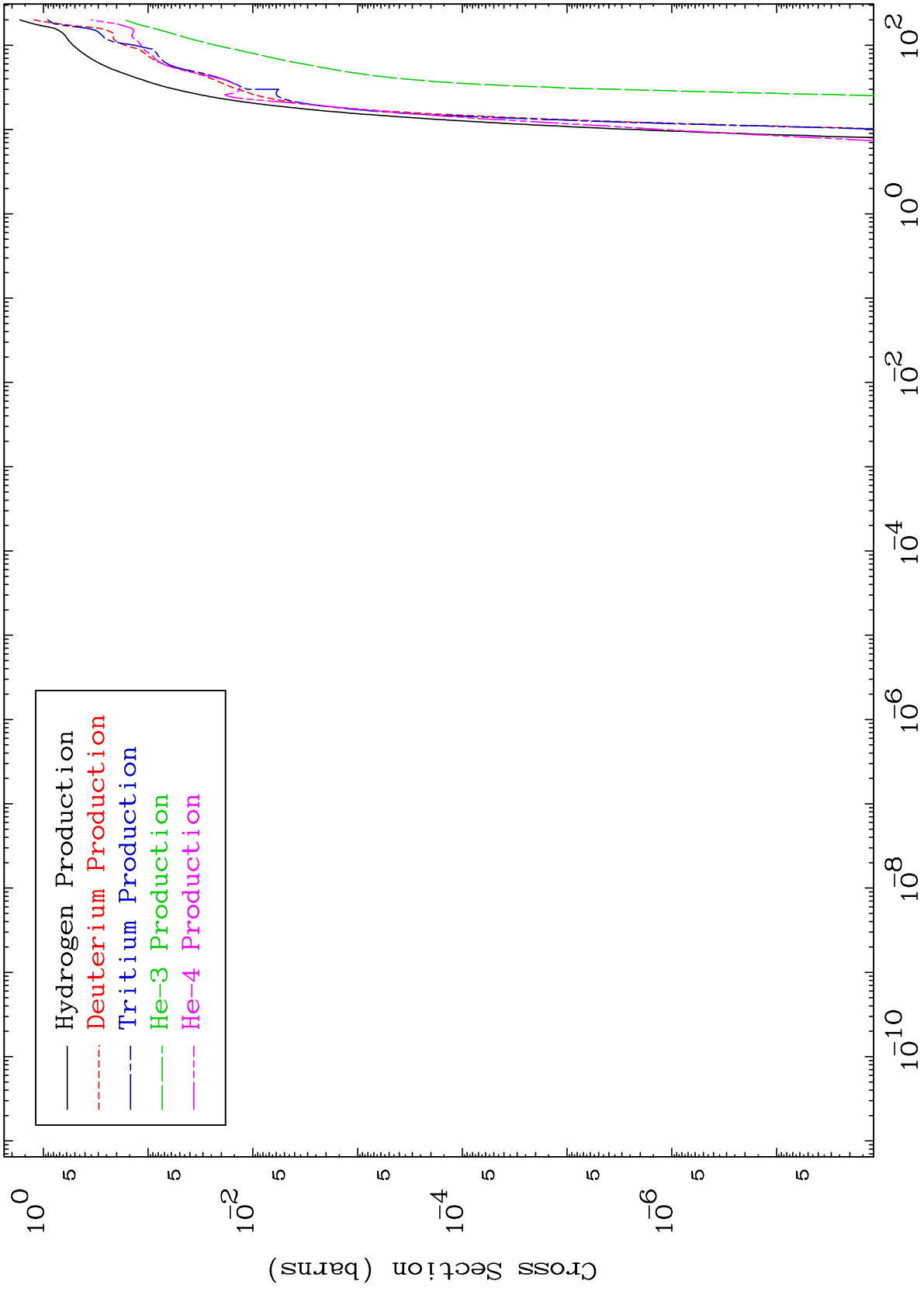
83-Bi-219



MAT 8355

Particle Production
293 Kelvin Cross Sections

83-Bi-219



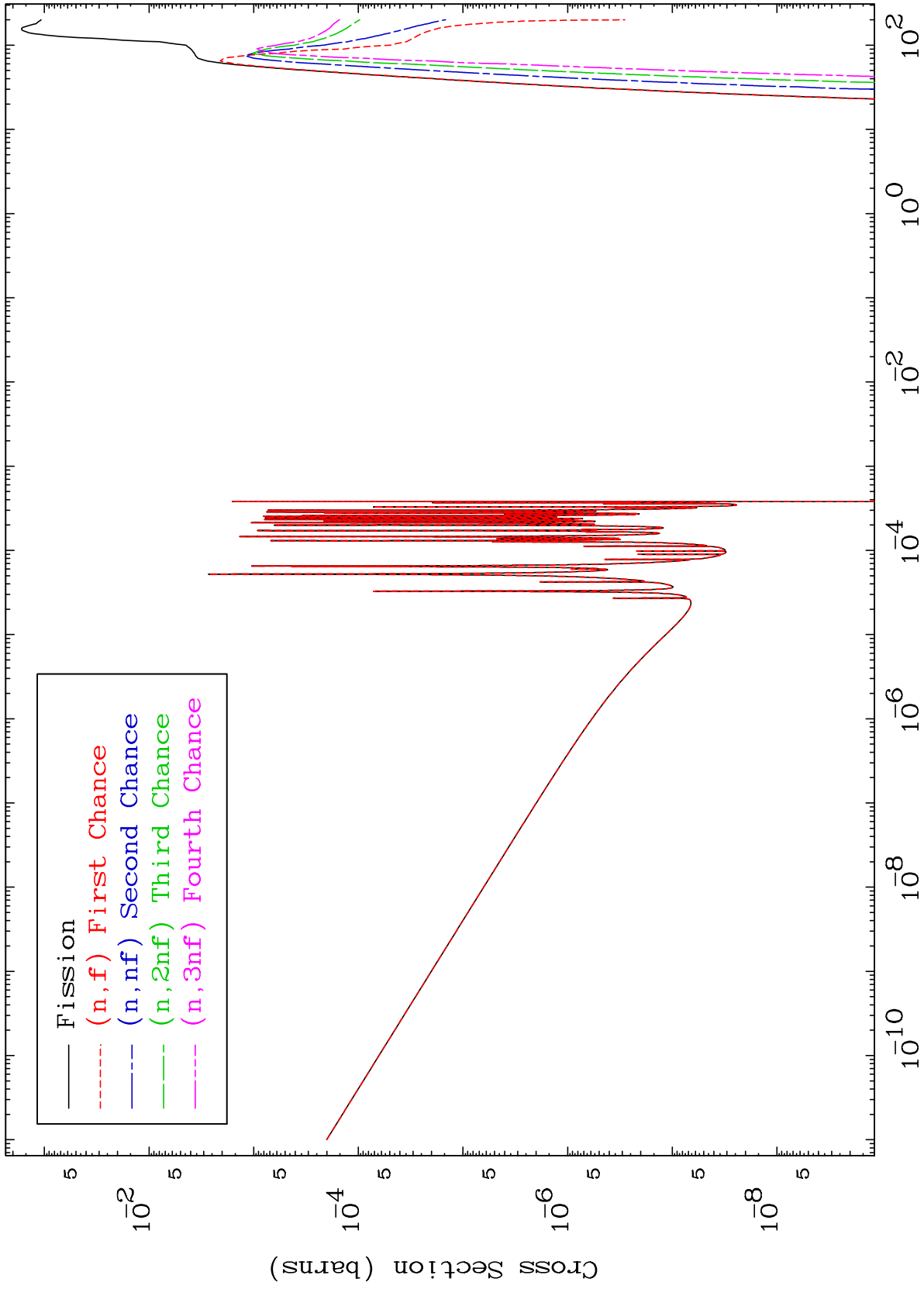
6

83-Bi-219

MAT 8355

Fission
293 Kelvin Cross Sections

83-Bi-219

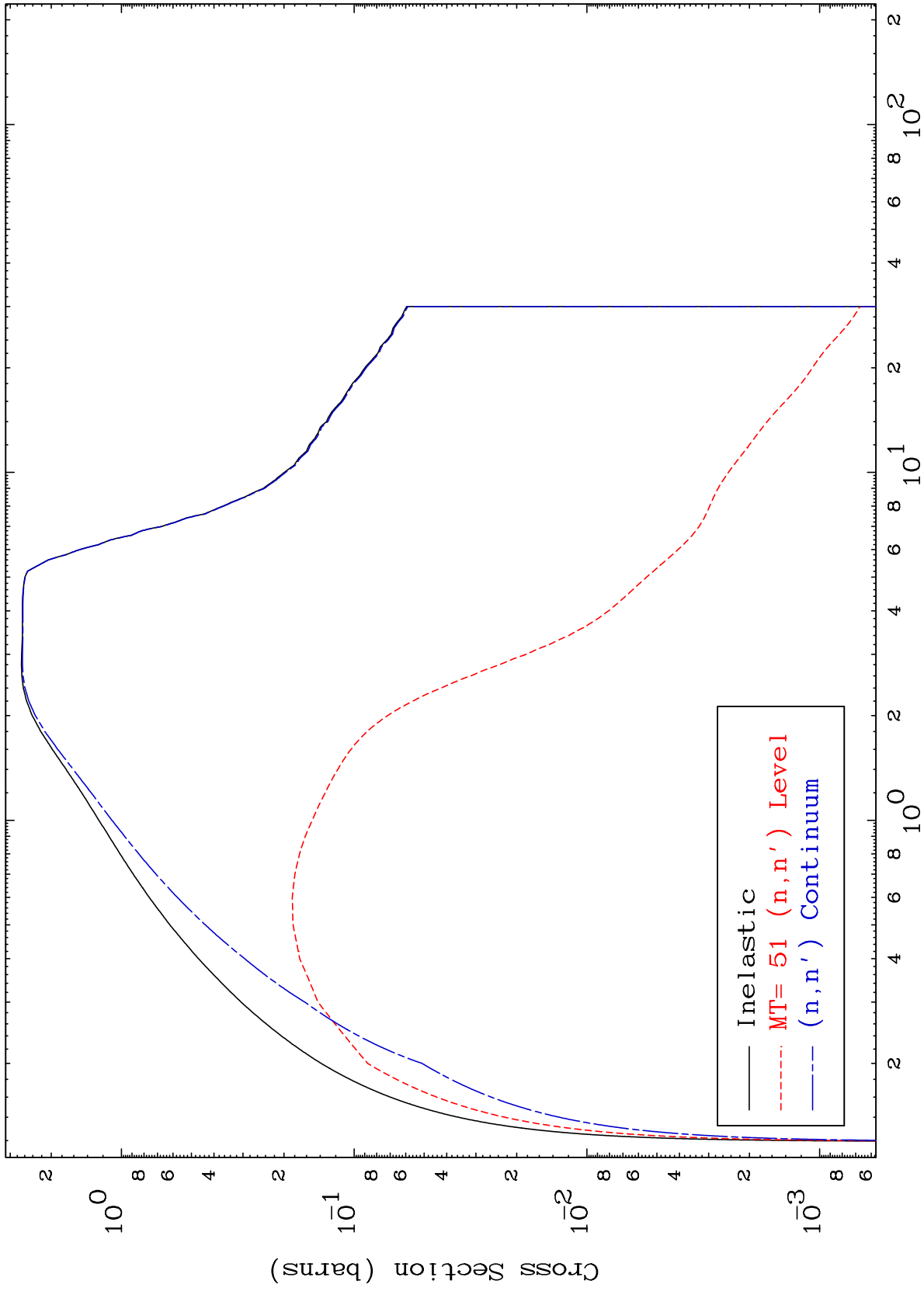


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Incident Energy (MeV)

83-Bi-219

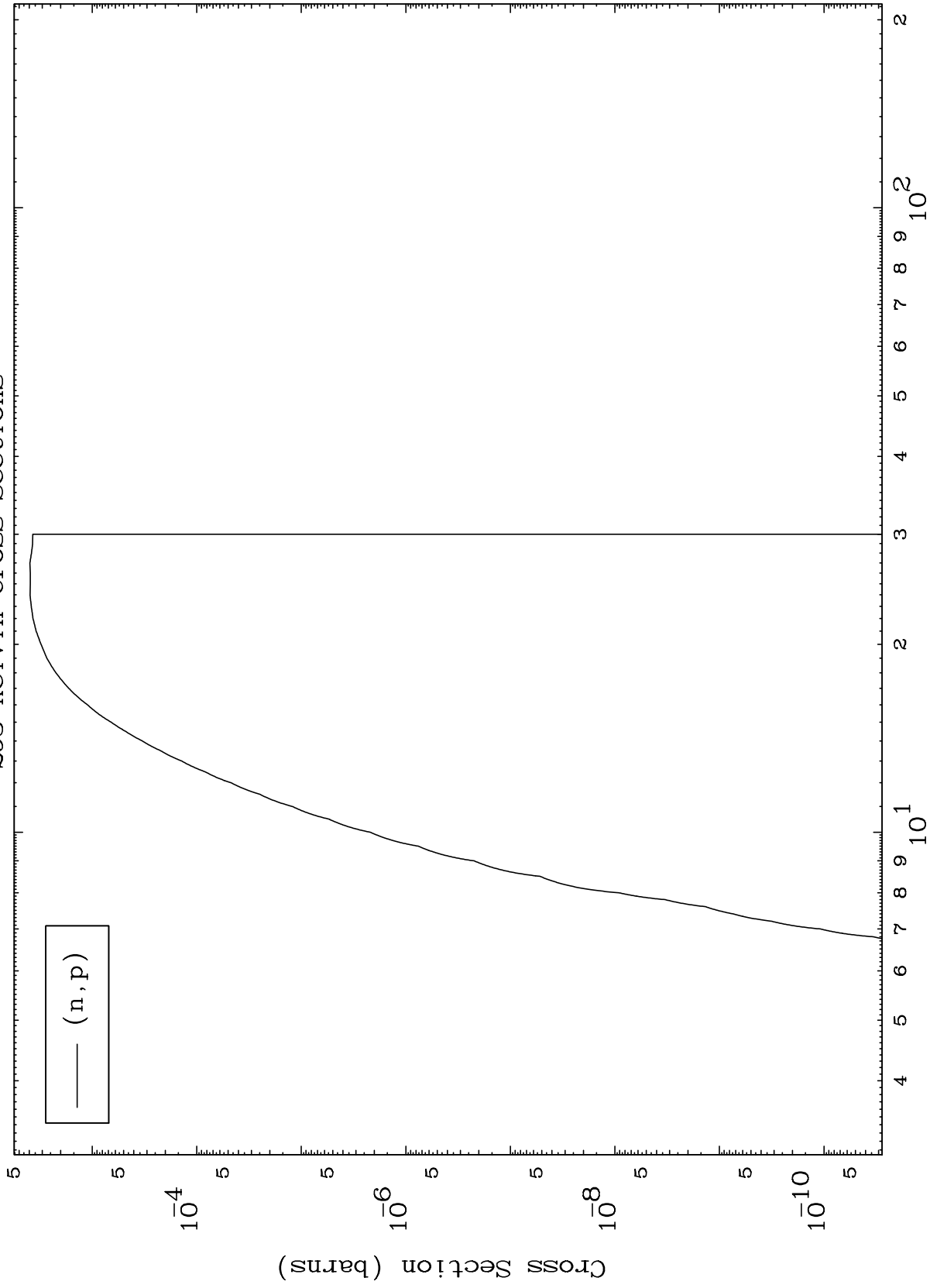
(n,n') Level
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

83-Bi-219



9

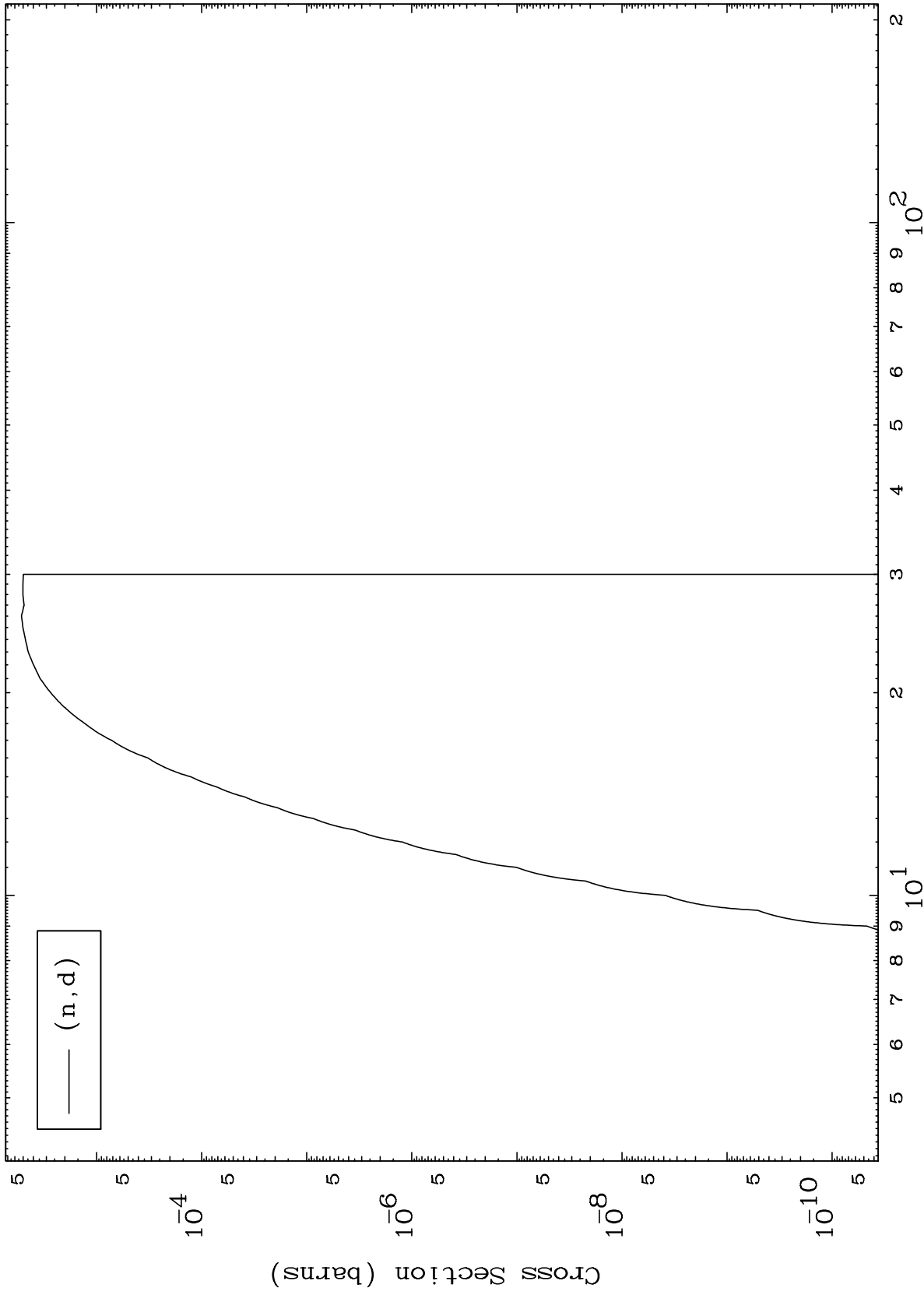
Incident Energy (MeV)

83-Bi-219

MAT 8355

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-219



10

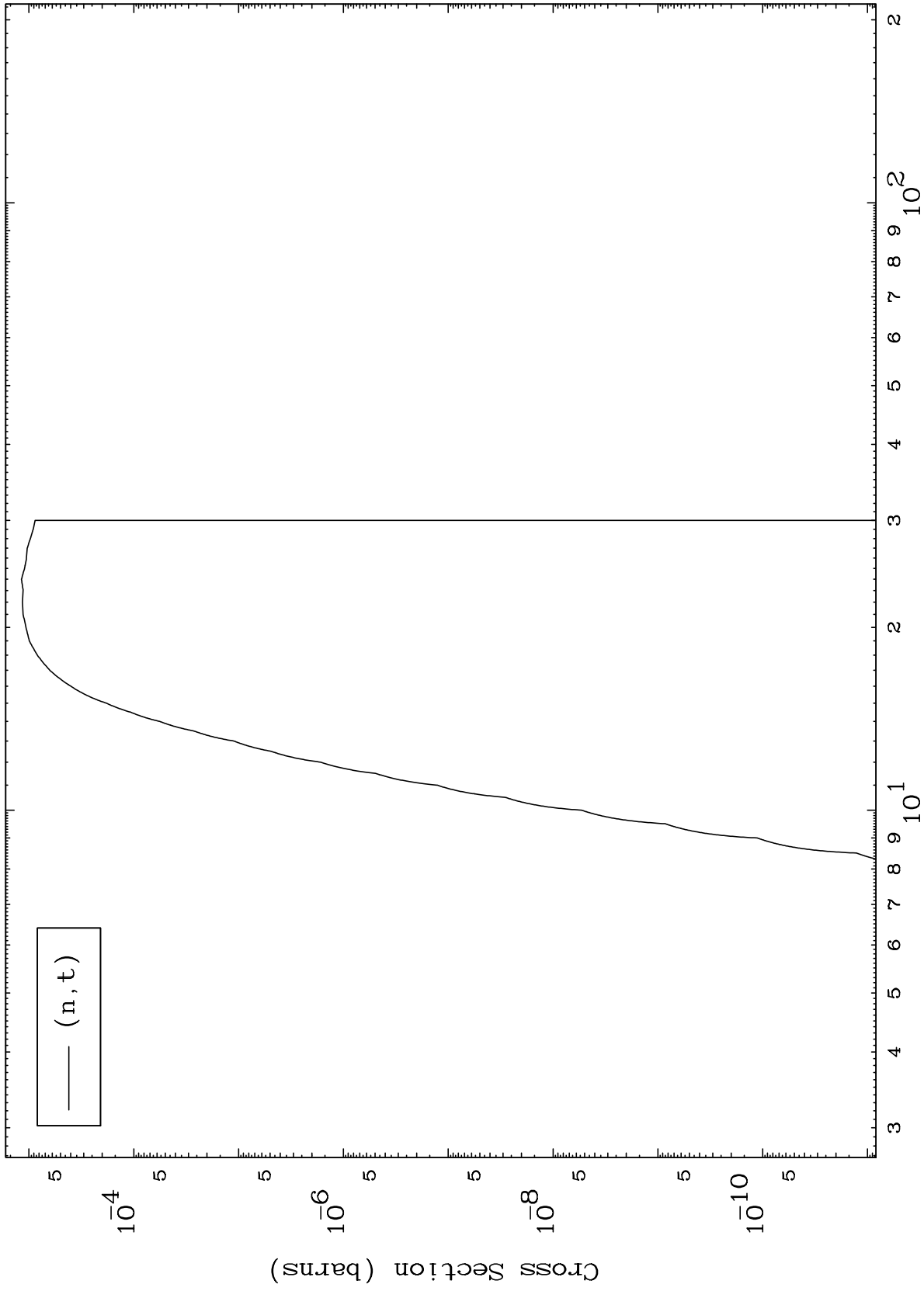
Incident Energy (MeV)

83-Bi-219

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83-Bi-219

(n,t) Levels
293 Kelvin Cross Sections



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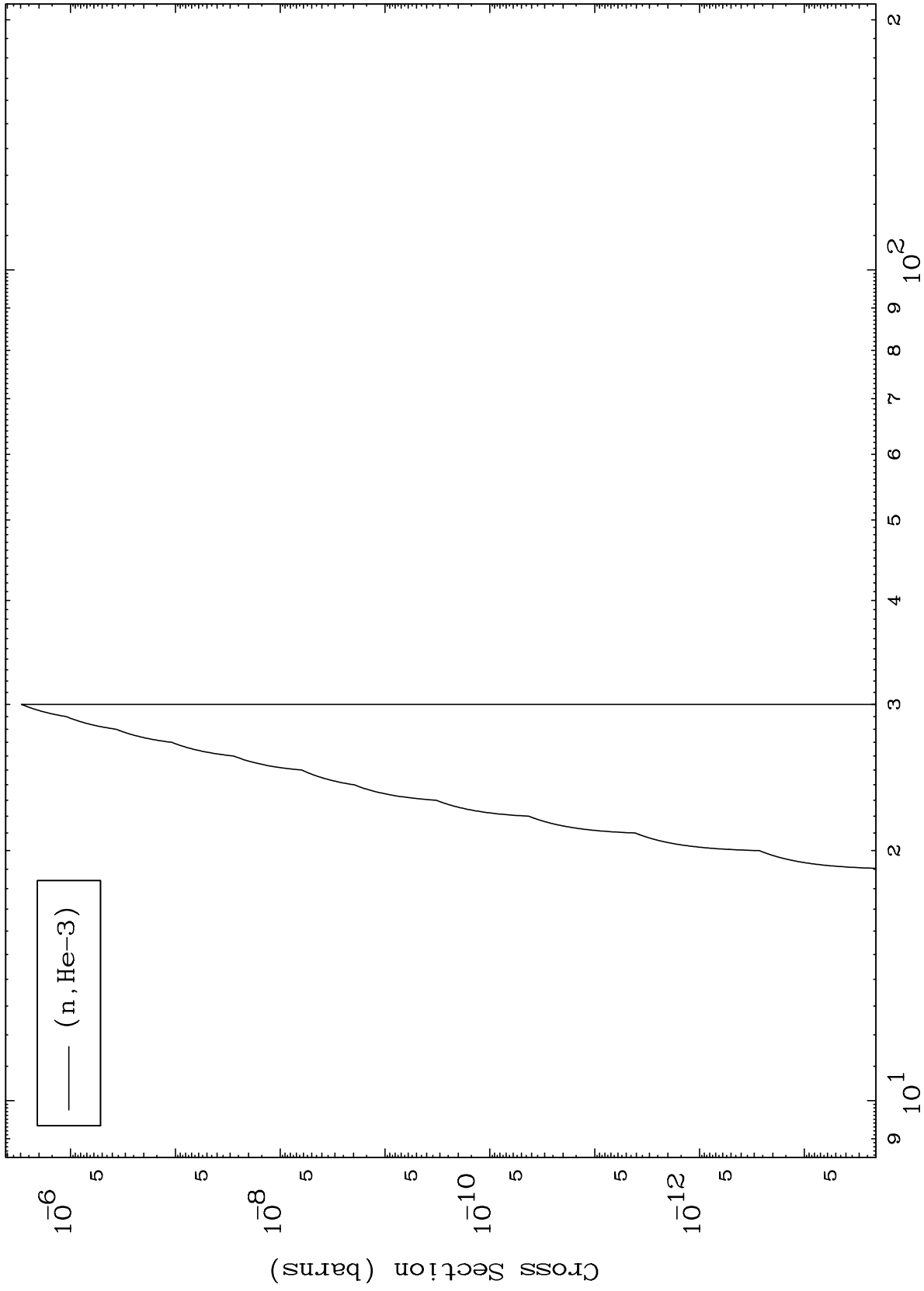
Incident Energy (MeV)

83-Bi-219

MAT 8355

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-219



12

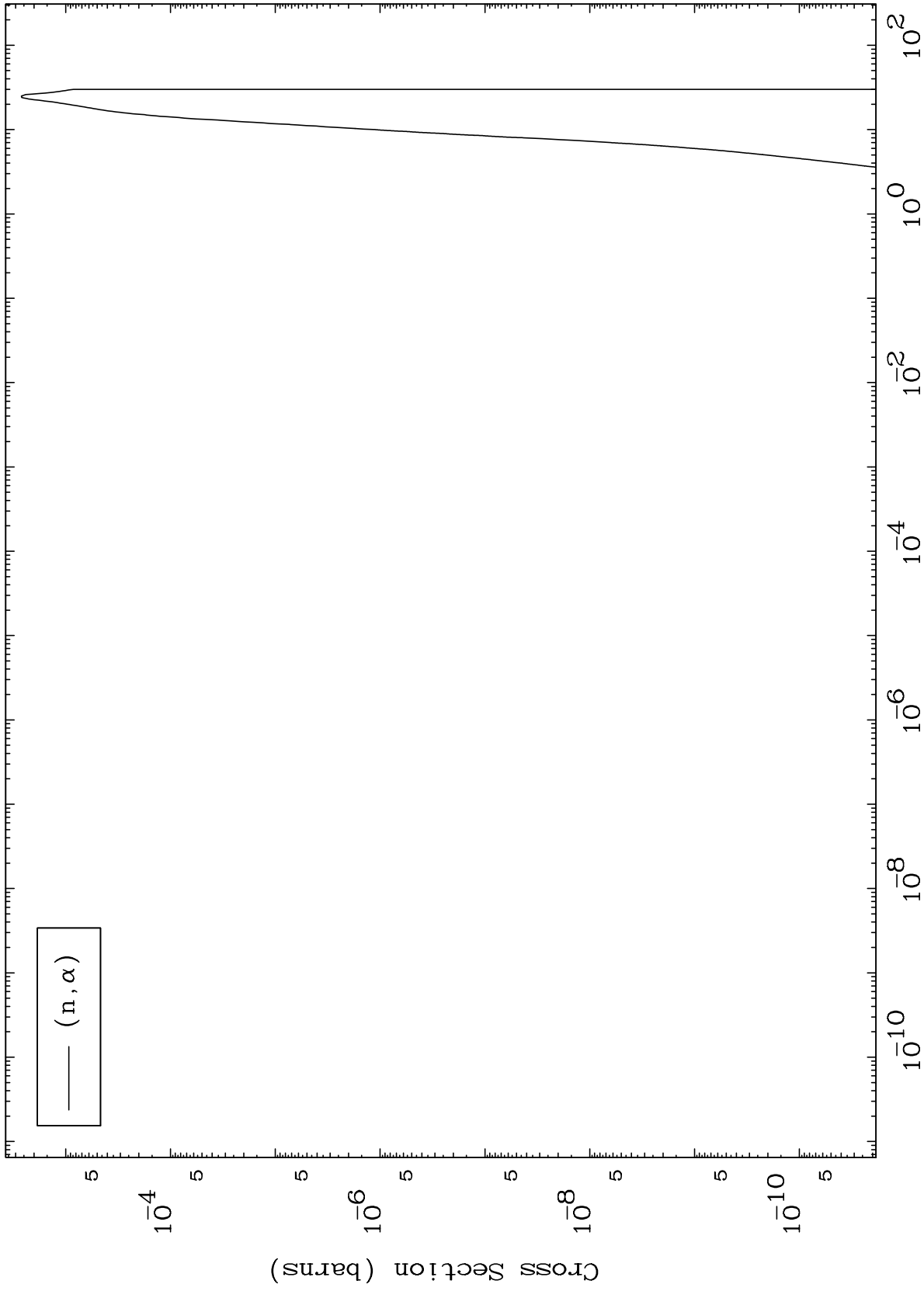
Incident Energy (MeV)

83-Bi-219

MAT 8355

(n,α) Levels
293 Kelvin Cross Sections

83-Bi-219



13

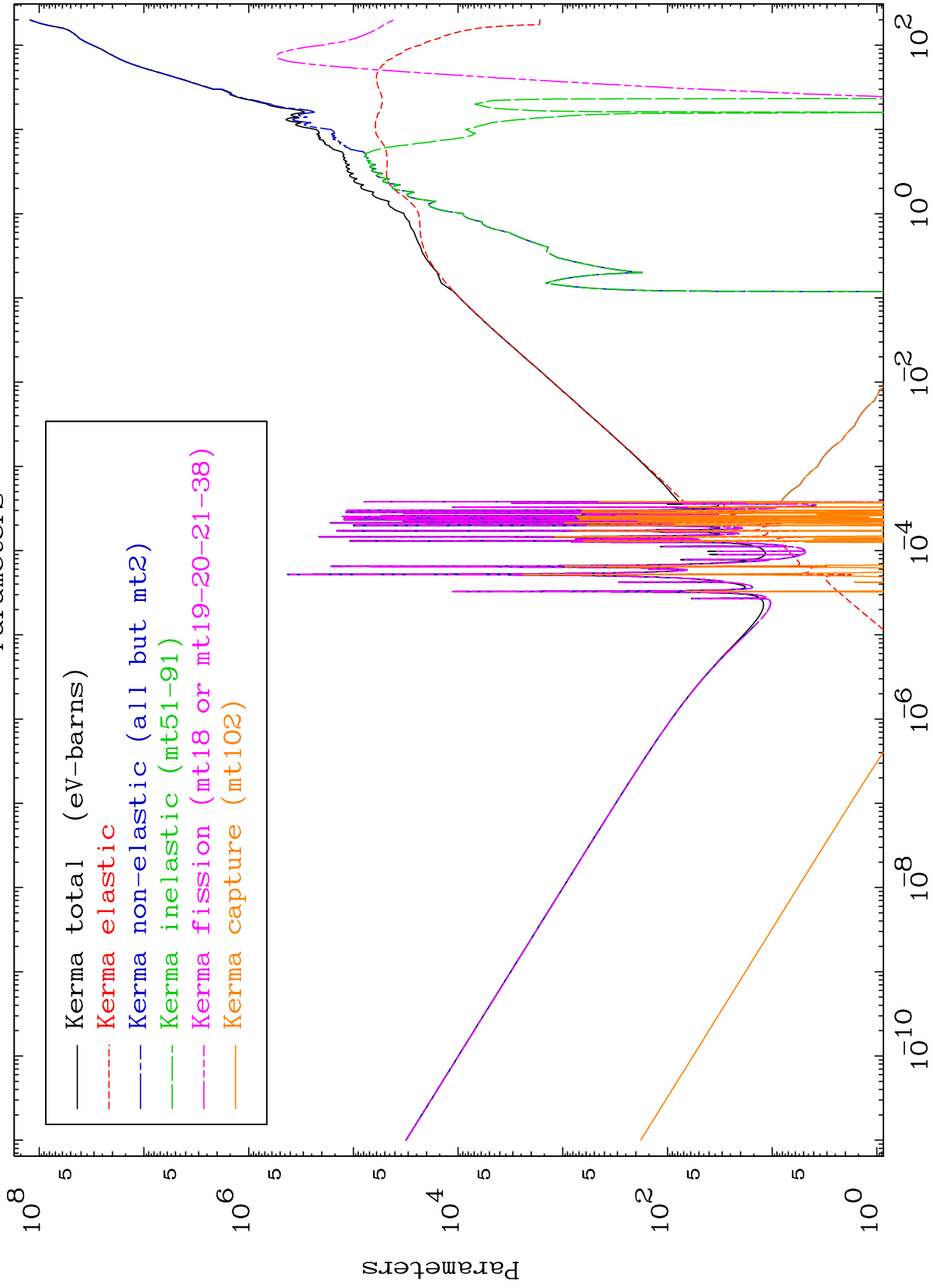
Incident Energy (MeV)

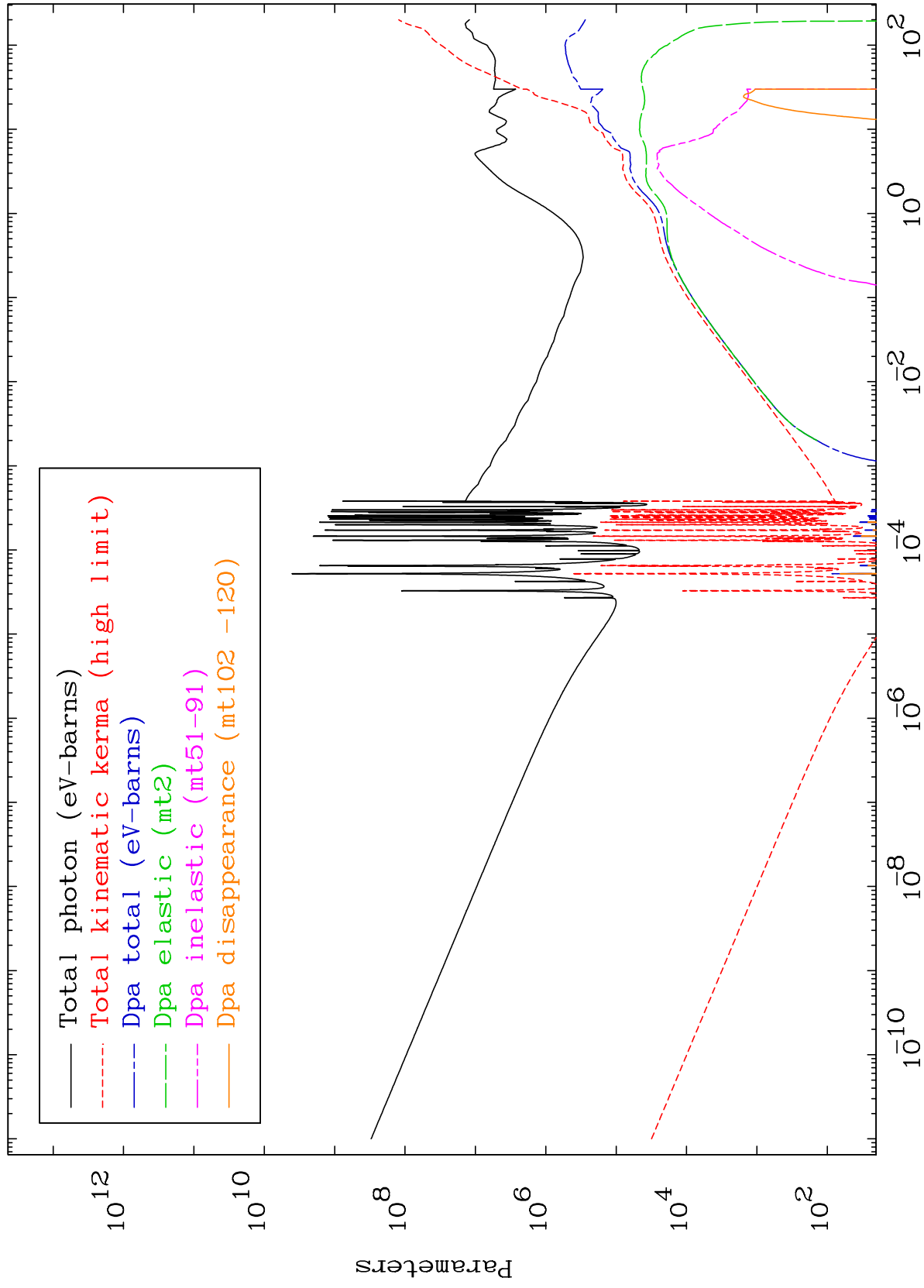
83-Bi-219

MAT 8355

Energy Release
Parameters

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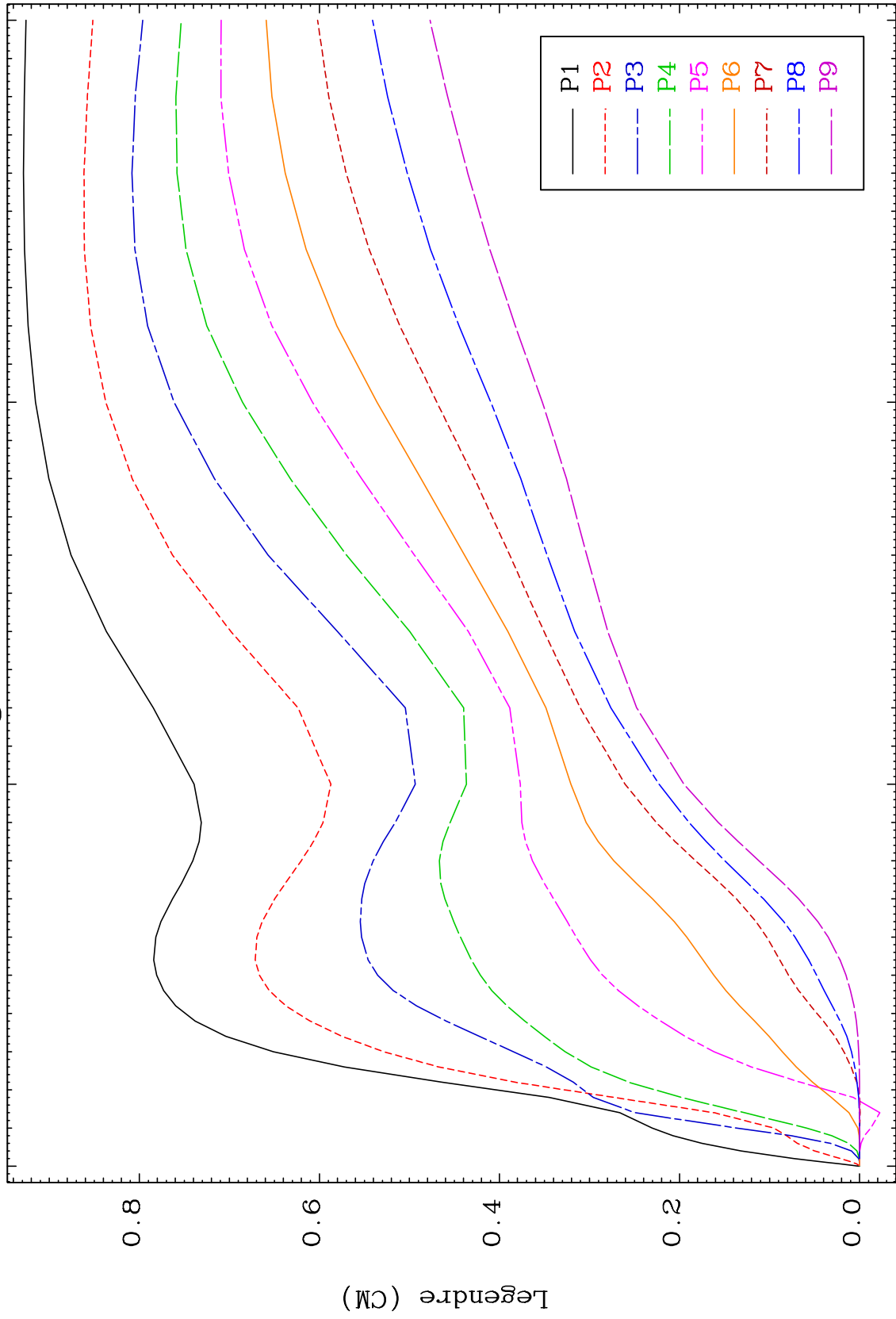




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Elastic Legendre Coefficients

83-Bi-219



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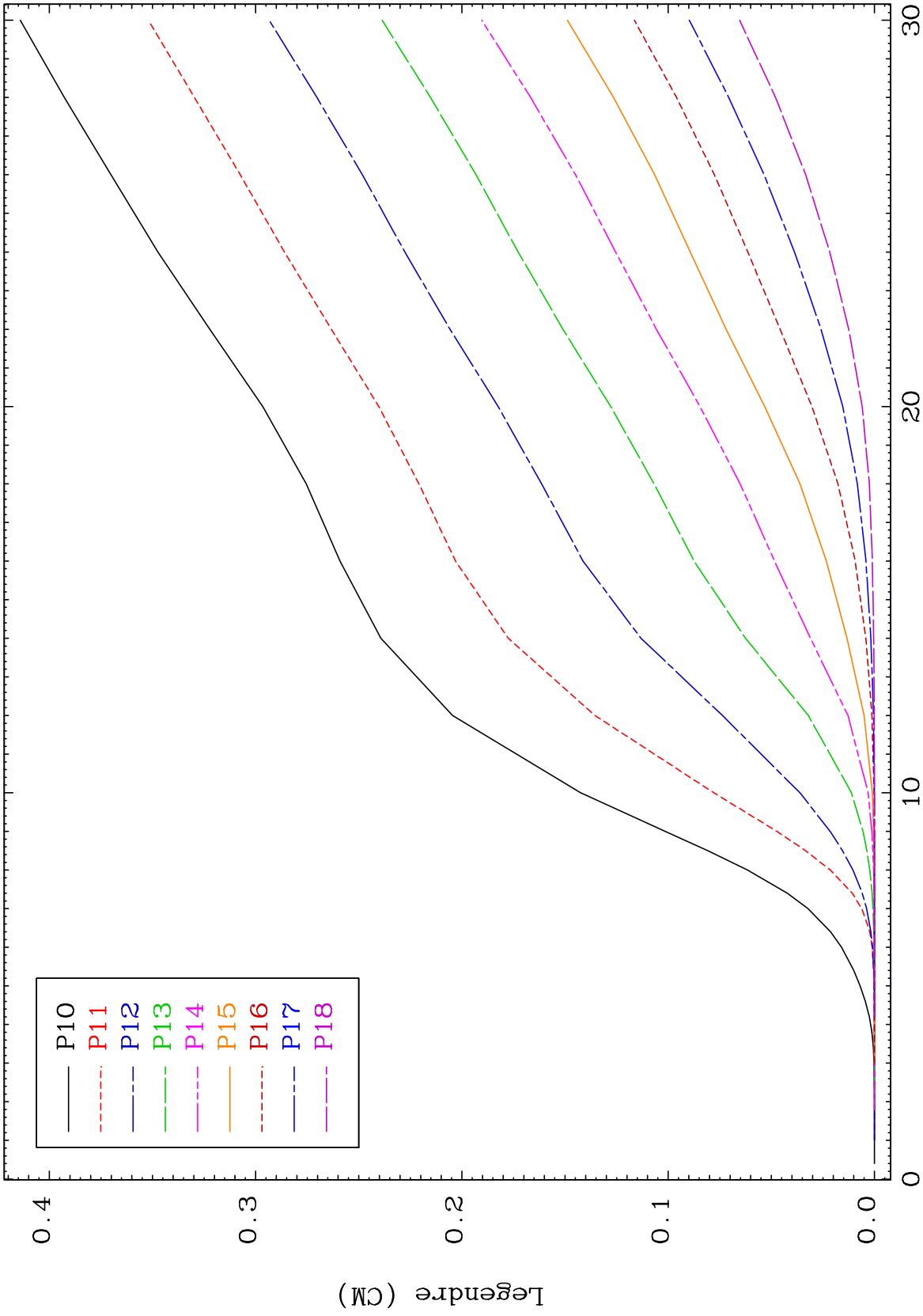
Incident Energy (MeV)

83-Bi-219

MAT 8355

Elastic Legendre Coefficients

83-Bi-219



17

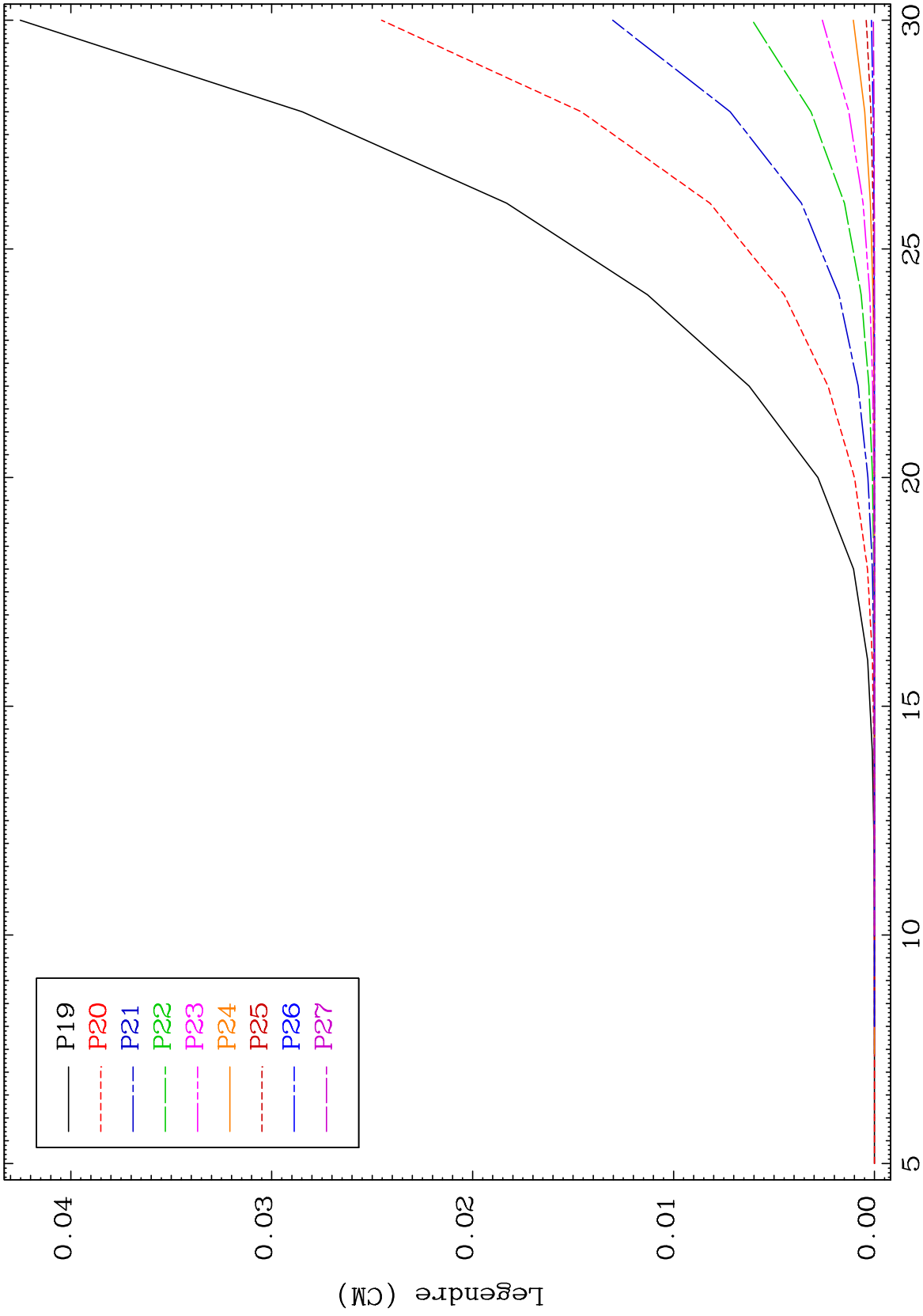
Incident Energy (MeV)

83-Bi-219

MAT 8355

Elastic Legendre Coefficients

83-Bi-219



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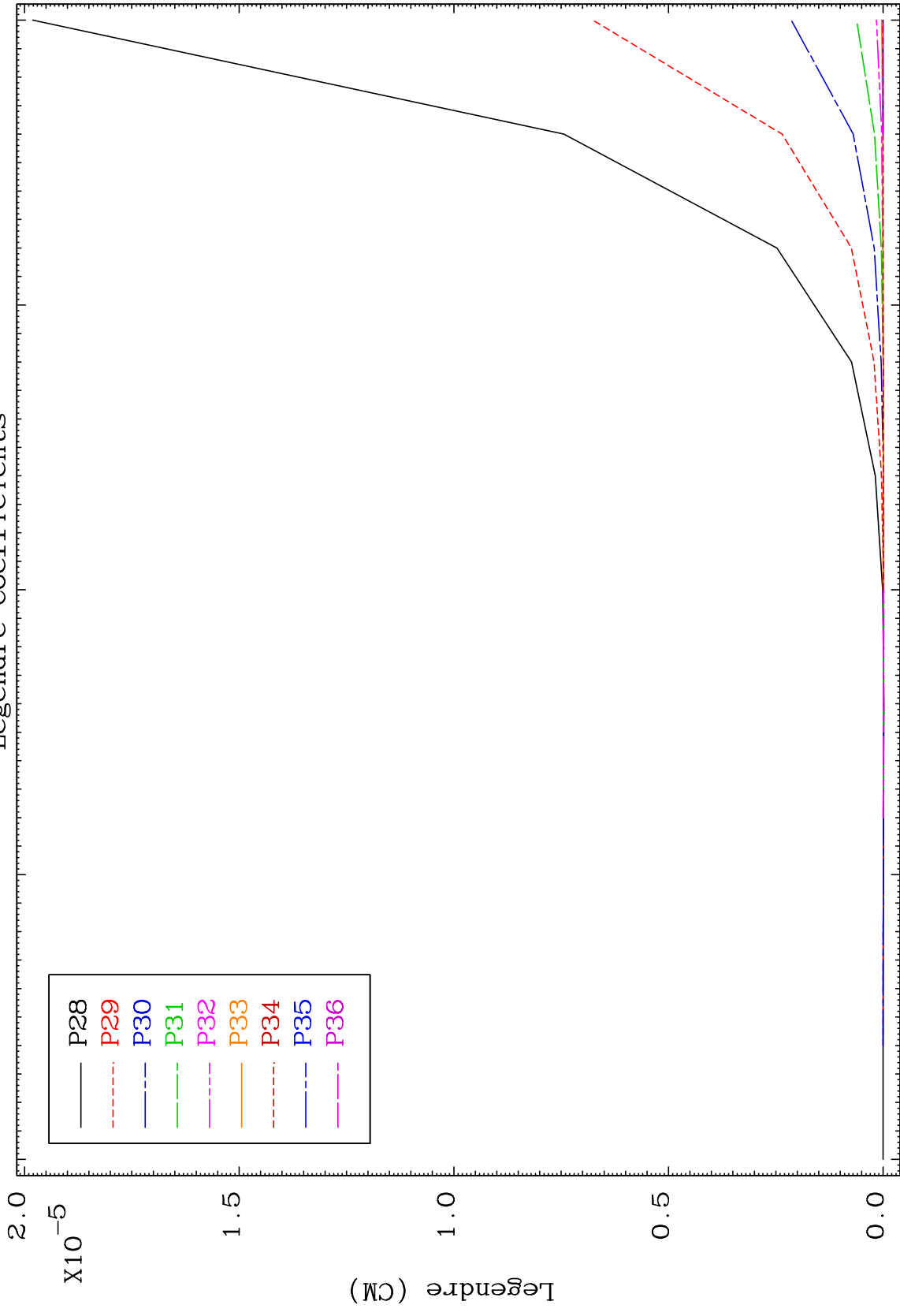
Incident Energy (MeV)

83-Bi-219

MAT 8355

Elastic Legendre Coefficients

83-Bi-219



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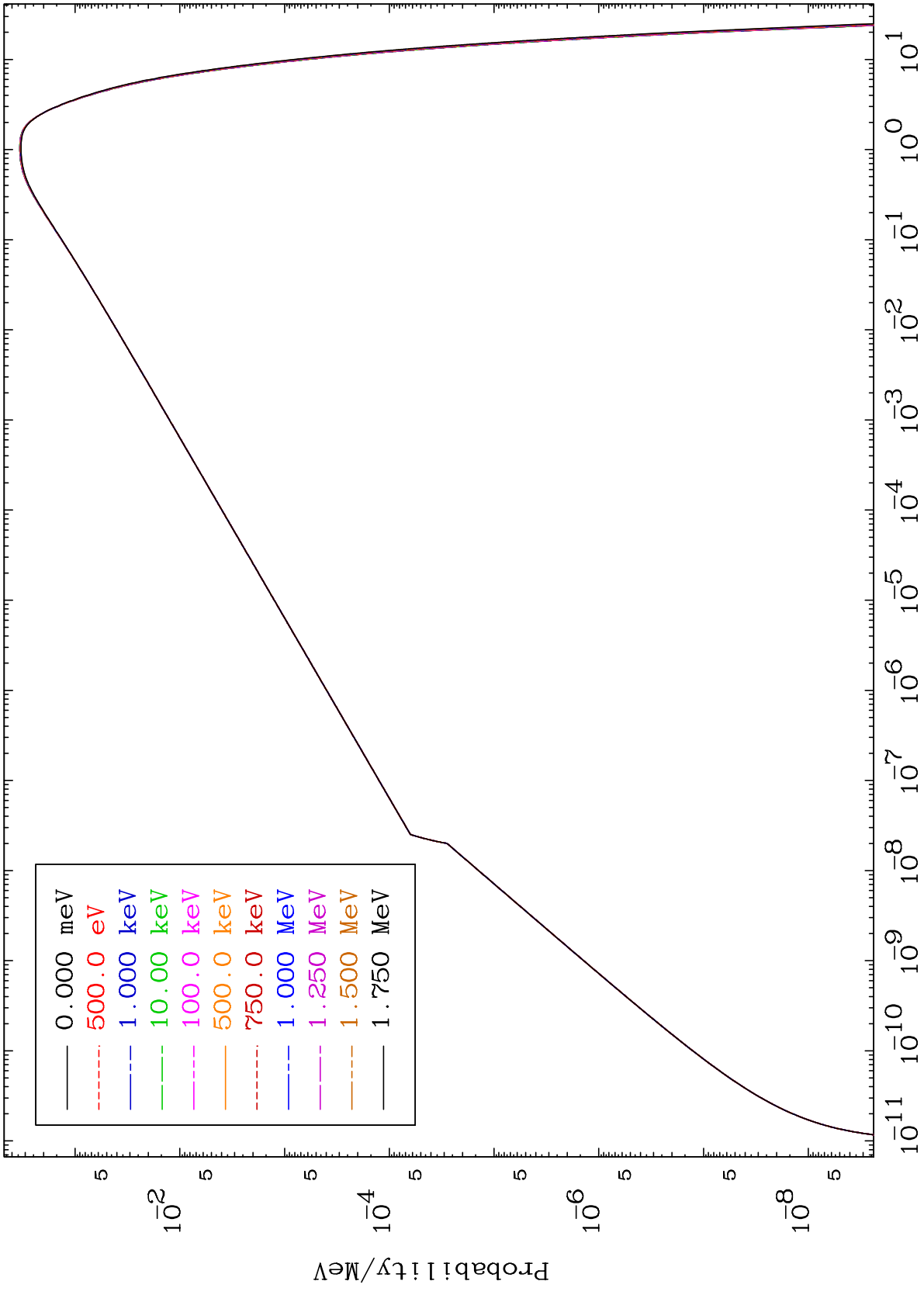
Incident Energy (MeV)

83-Bi-219

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Fission Energy Distribution

83-Bi-219



- 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

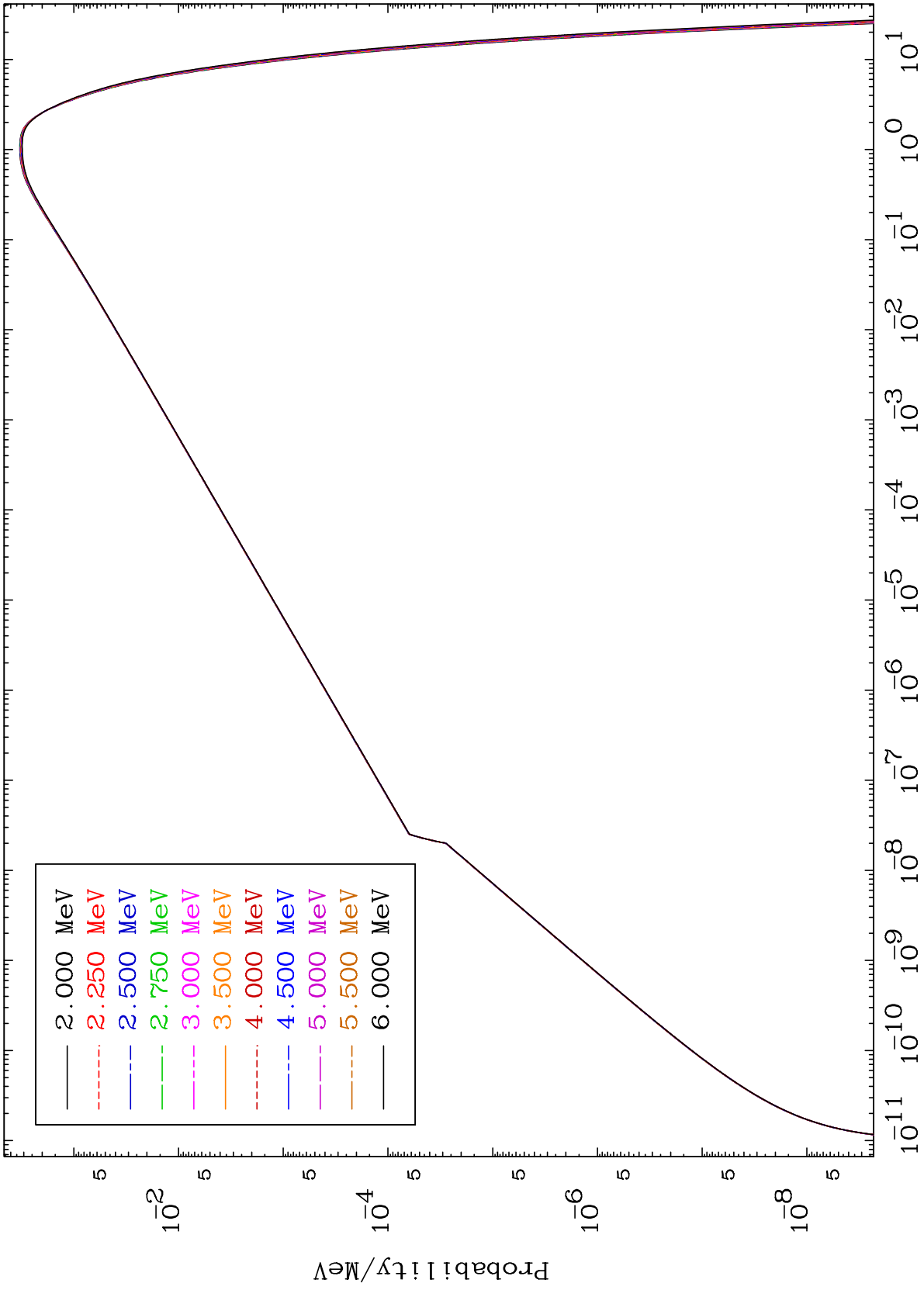
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Secondary Energy (MeV)

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Fission Energy Distribution

83-Bi-219

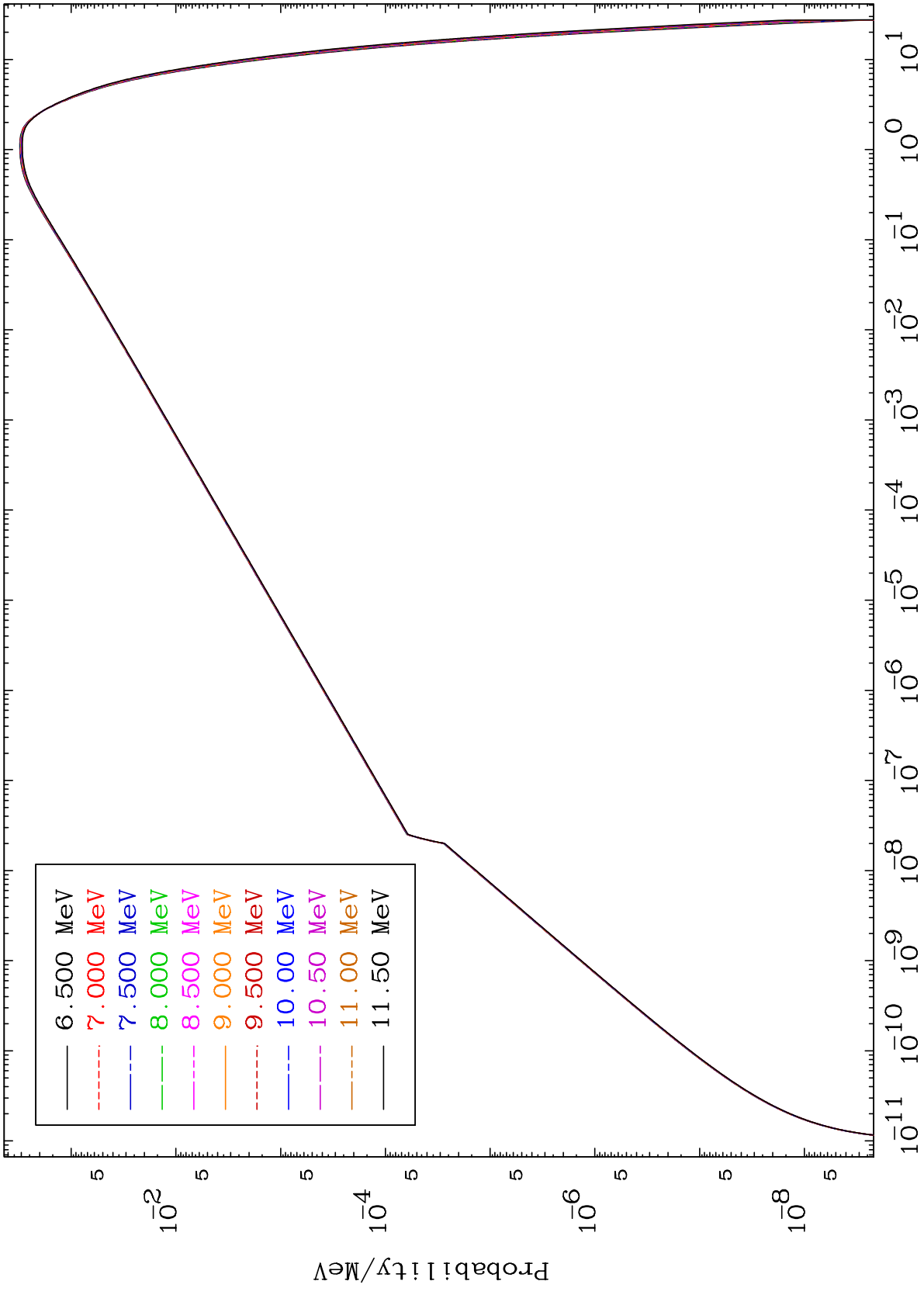


83-Bi-219

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Fission Energy Distribution

83-Bi-219

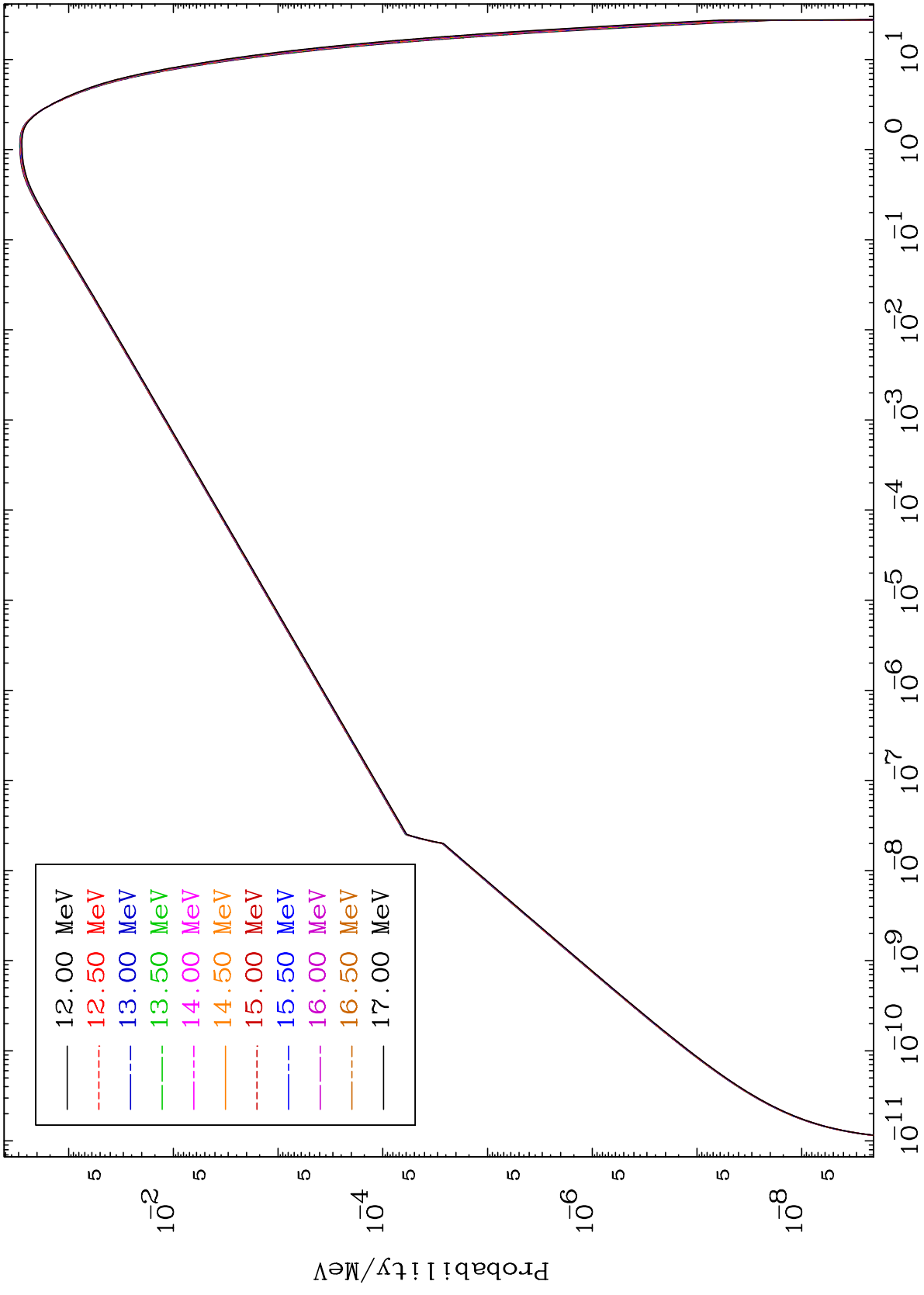


83-Bi-219

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Fission Energy Distribution

83-Bi-219

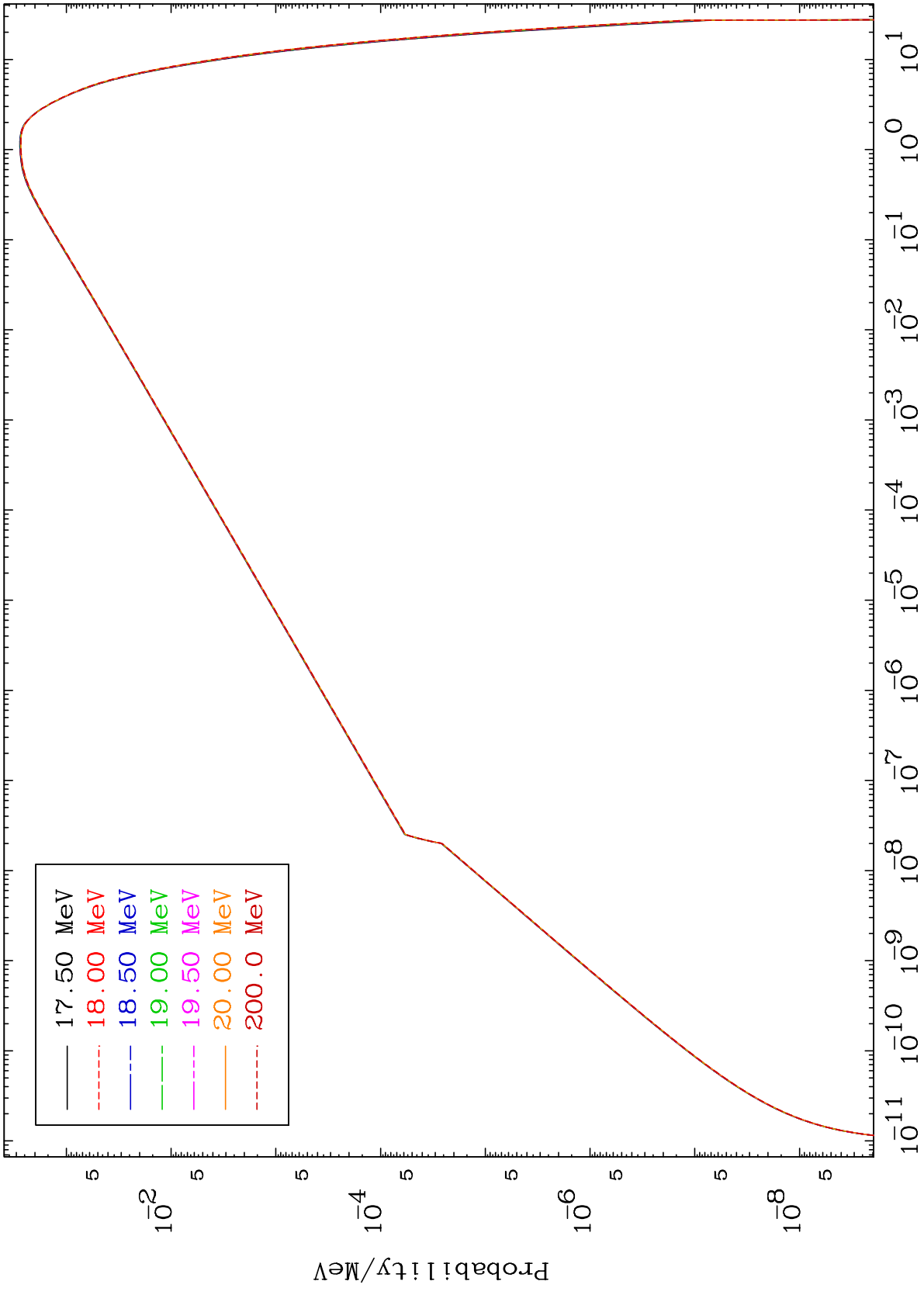


83-Bi-219

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Fission Energy Distribution

83-Bi-219

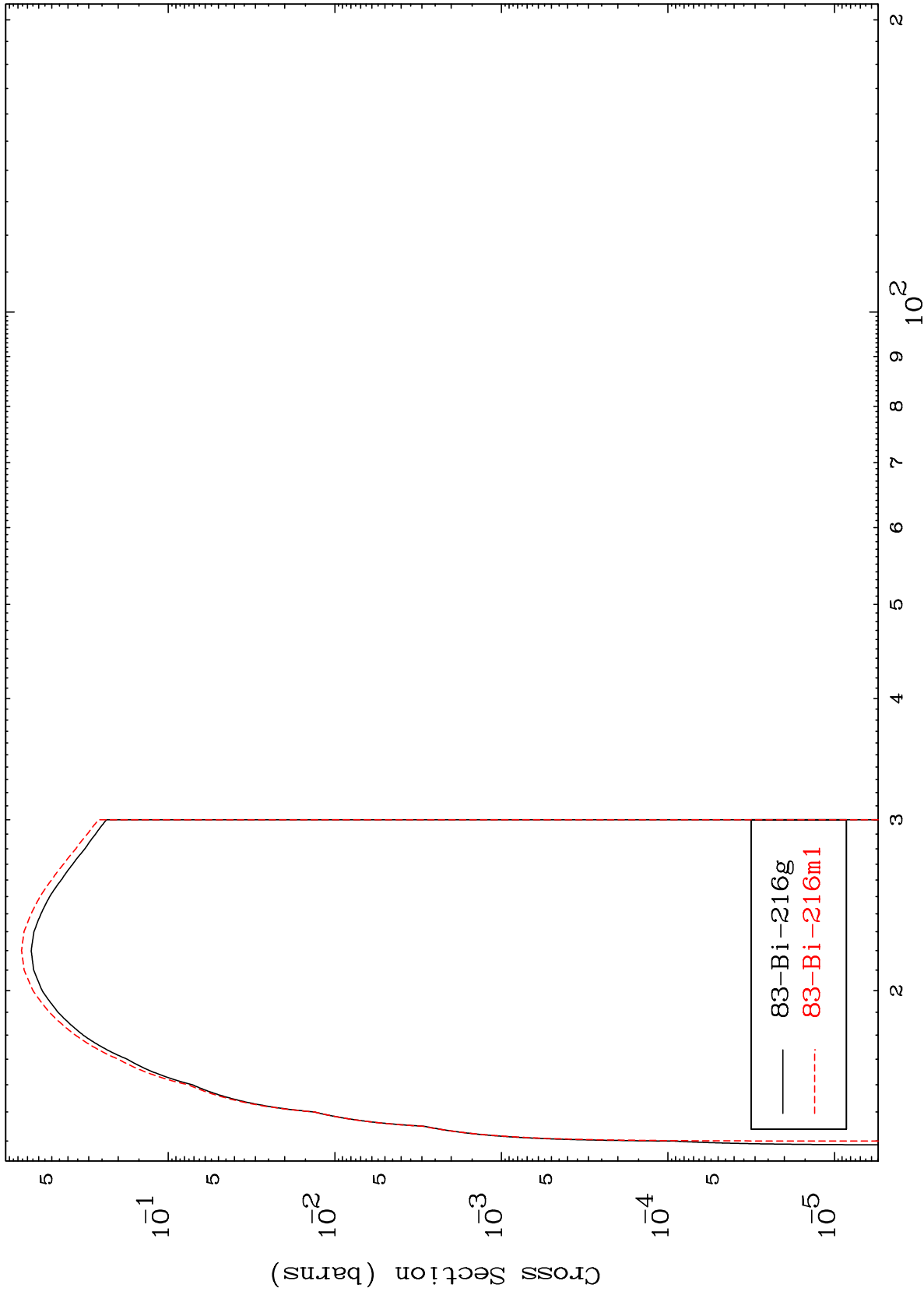


—	17.50	MeV
- - -	18.00	MeV
- . - .	18.50	MeV
- - -	19.00	MeV
- . - .	19.50	MeV
- - -	20.00	MeV
- - -	200.0	MeV

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(n,4n)
Radionuclide Production Cross Section



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Incident Energy (MeV)

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