

Program EVALPLOT
(Version 2018-1)

by

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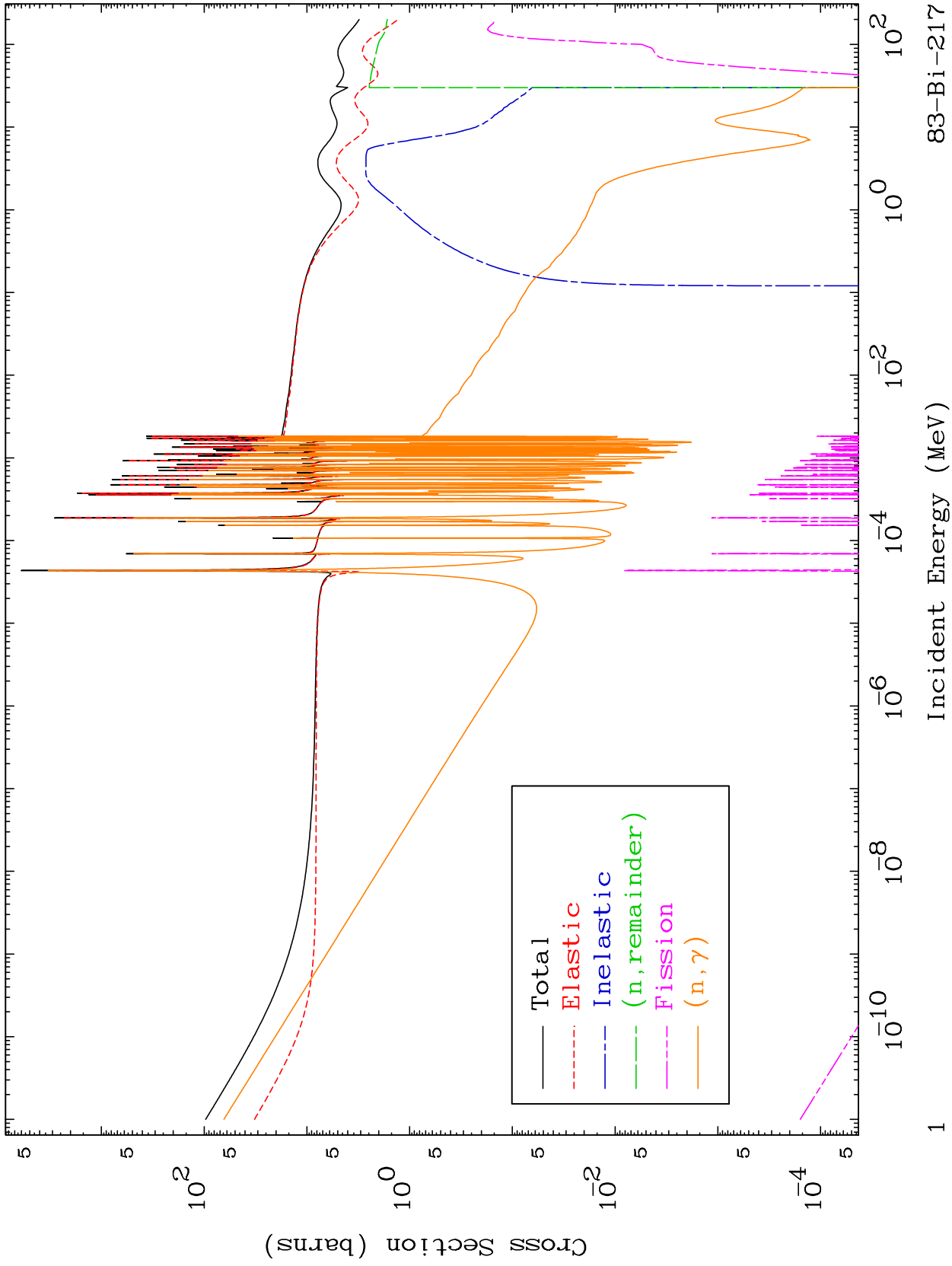
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8349

Major
293 Kelvin Cross Sections

83-Bi-217

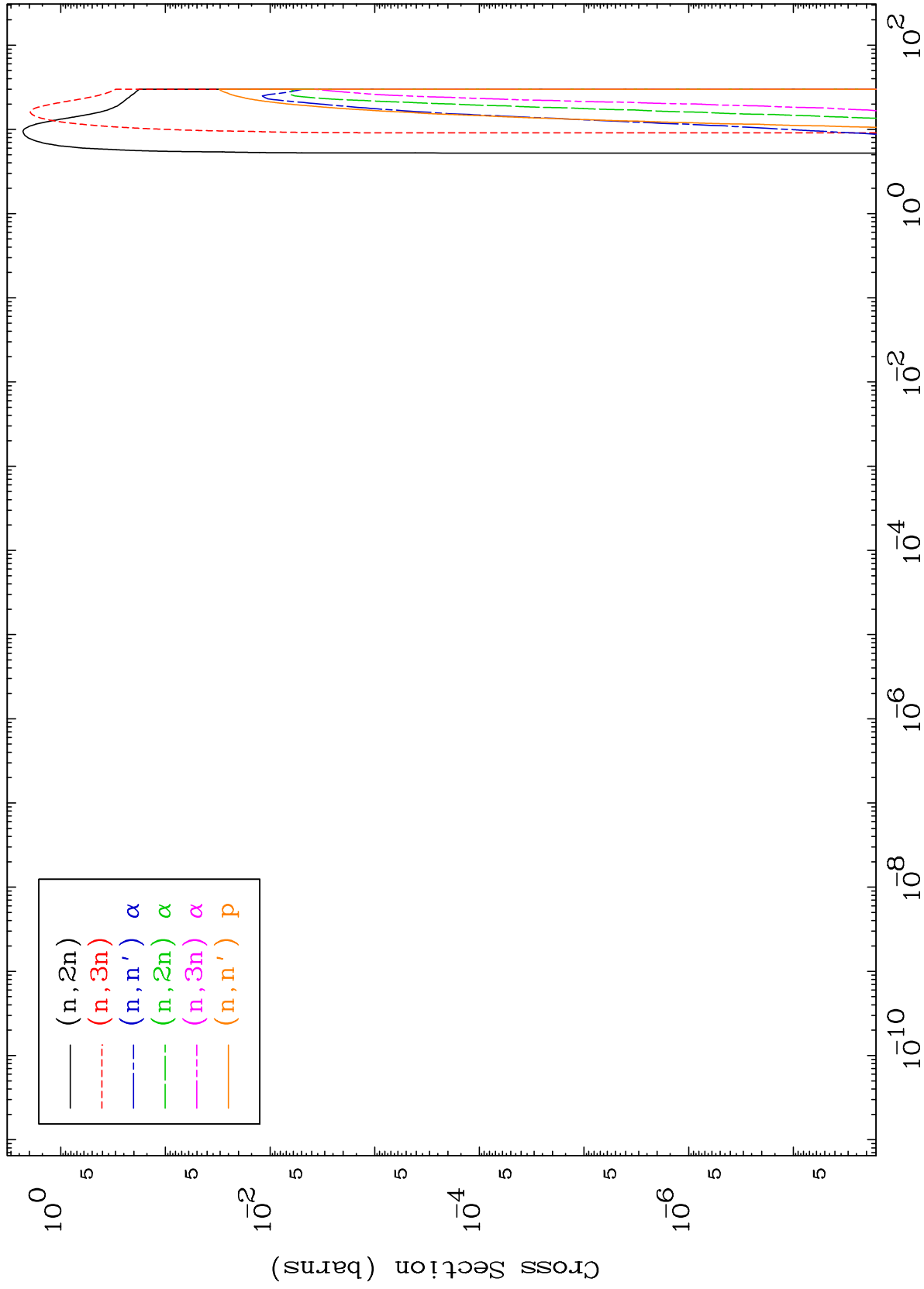


83-Bi-217

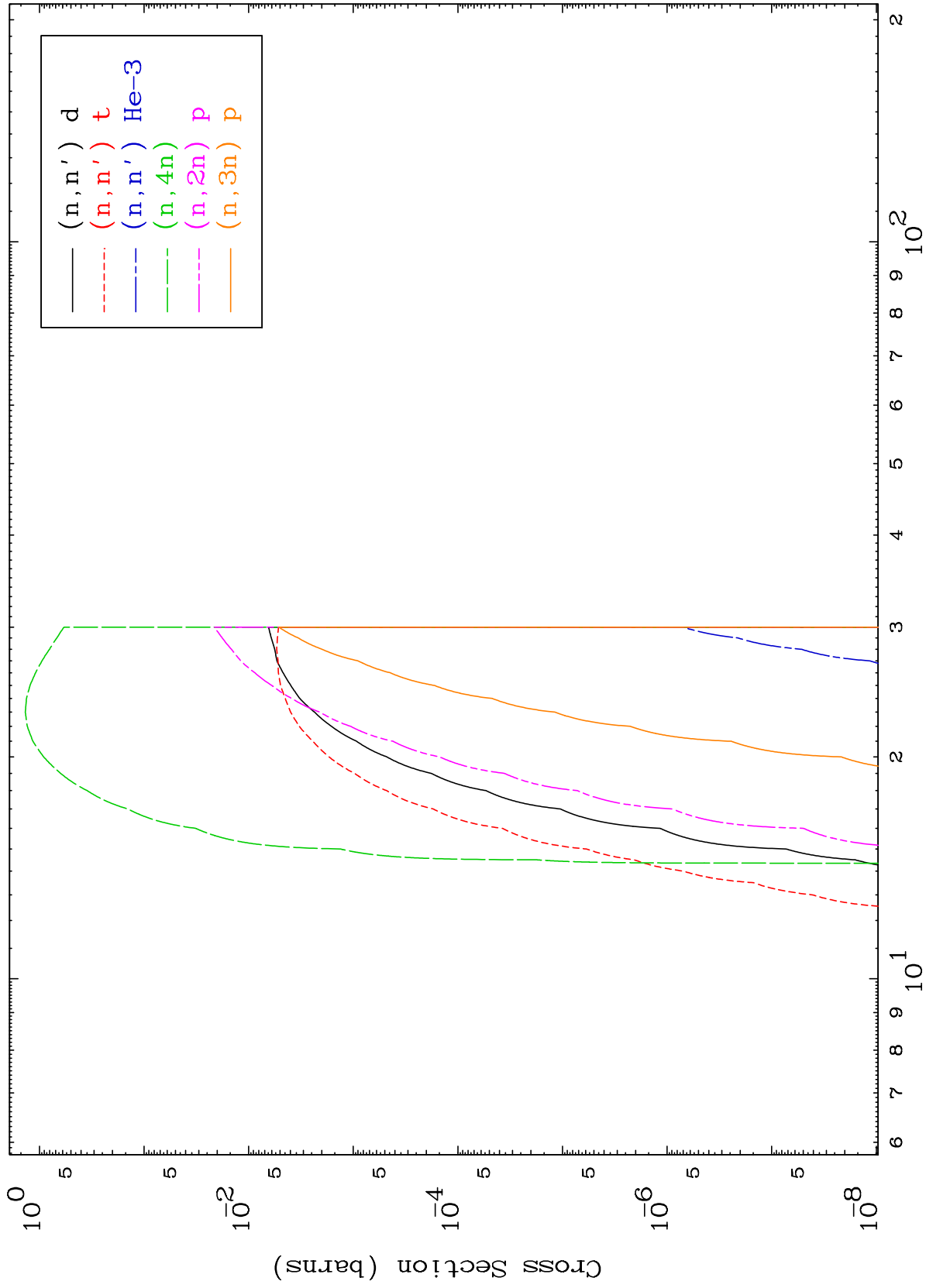
MAT 8349

Neutron Production
293 Kelvin Cross Sections

83-Bi-217



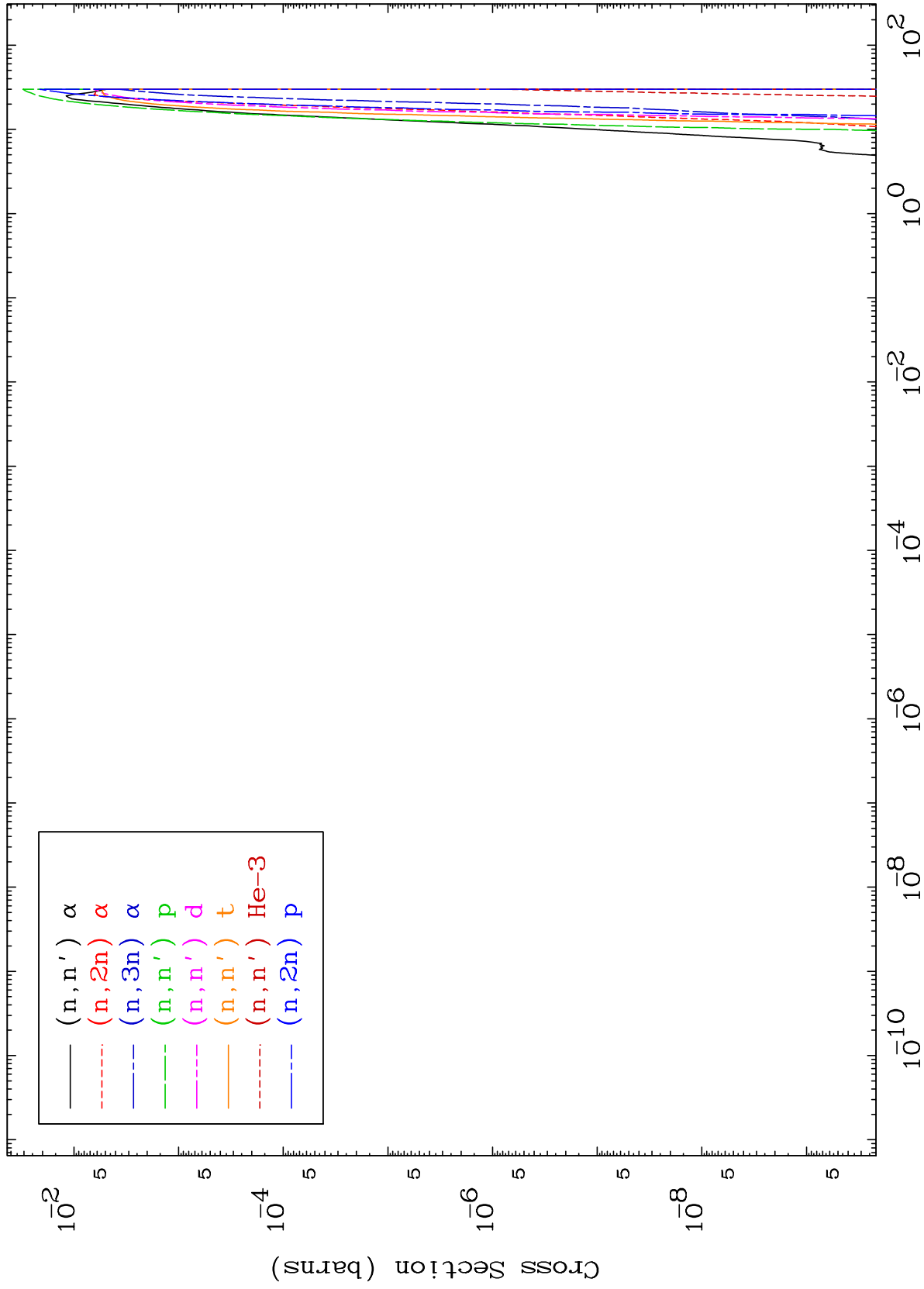
83-Bi-217



MAT 8349

Charged Particle
293 Kelvin Cross Sections

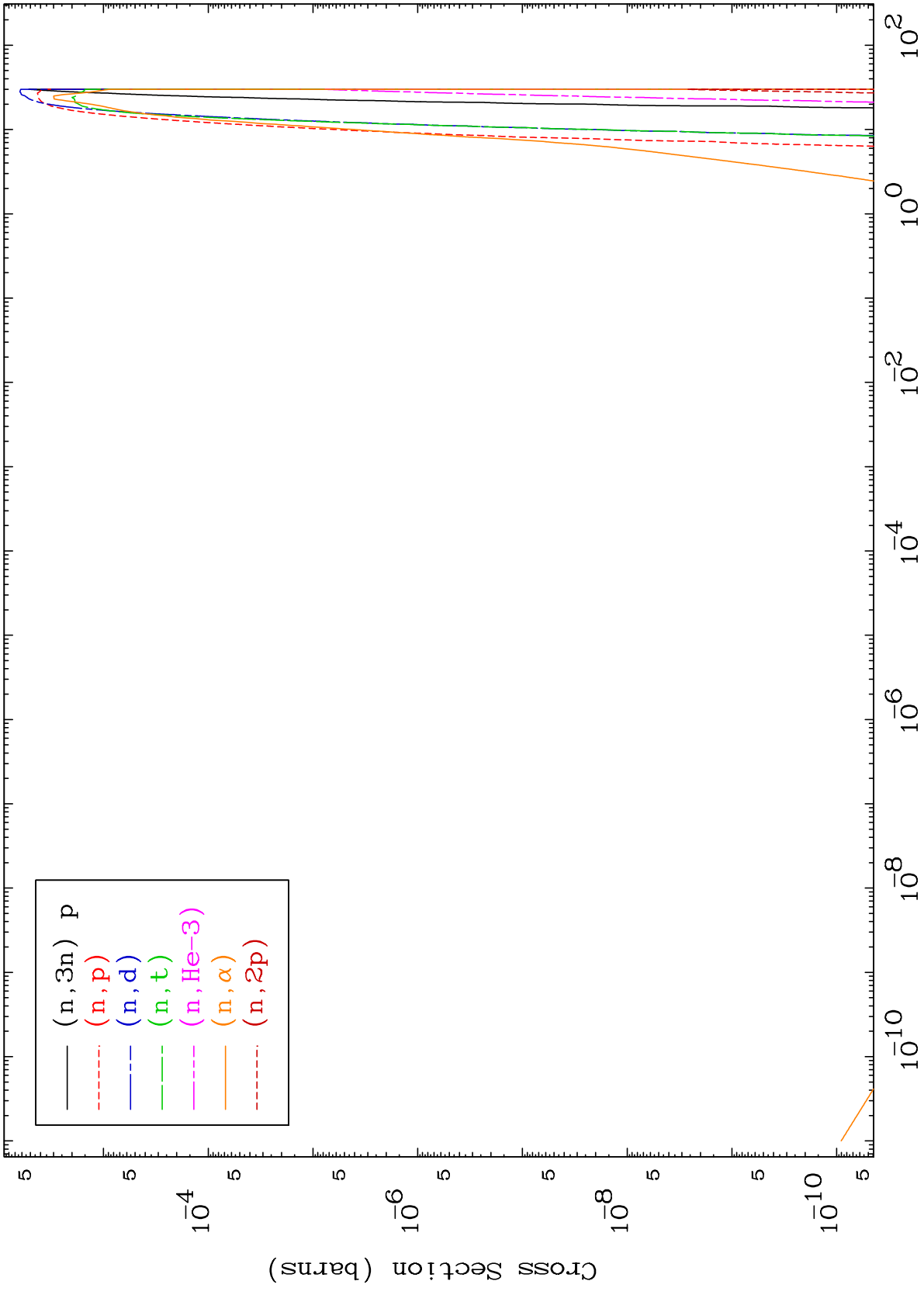
83-Bi-217



MAT 8349

Charged Particle
293 Kelvin Cross Sections

83-Bi-217

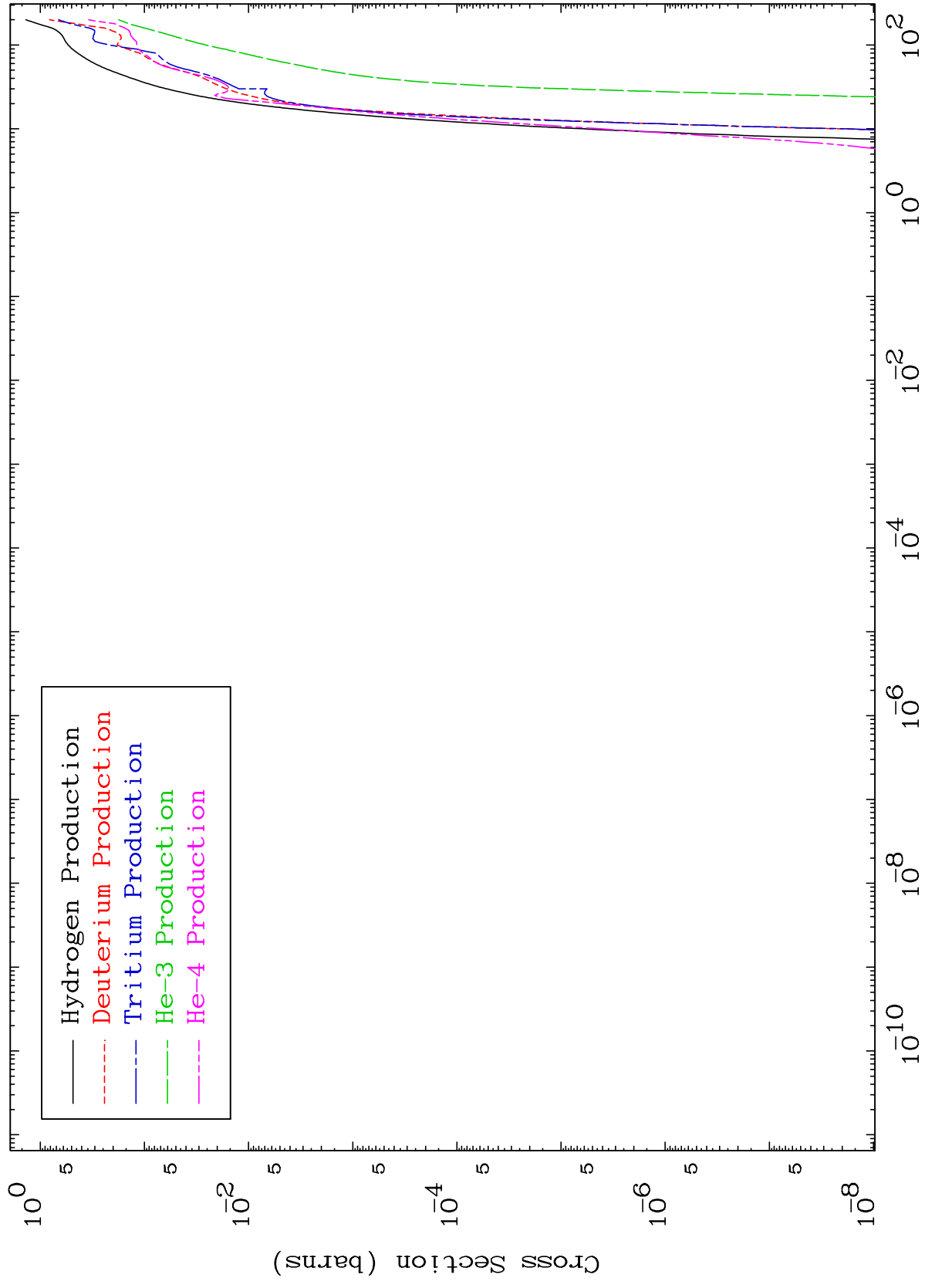


83-Bi-217

MAT 8349

Particle Production
293 Kelvin Cross Sections

83-Bi-217

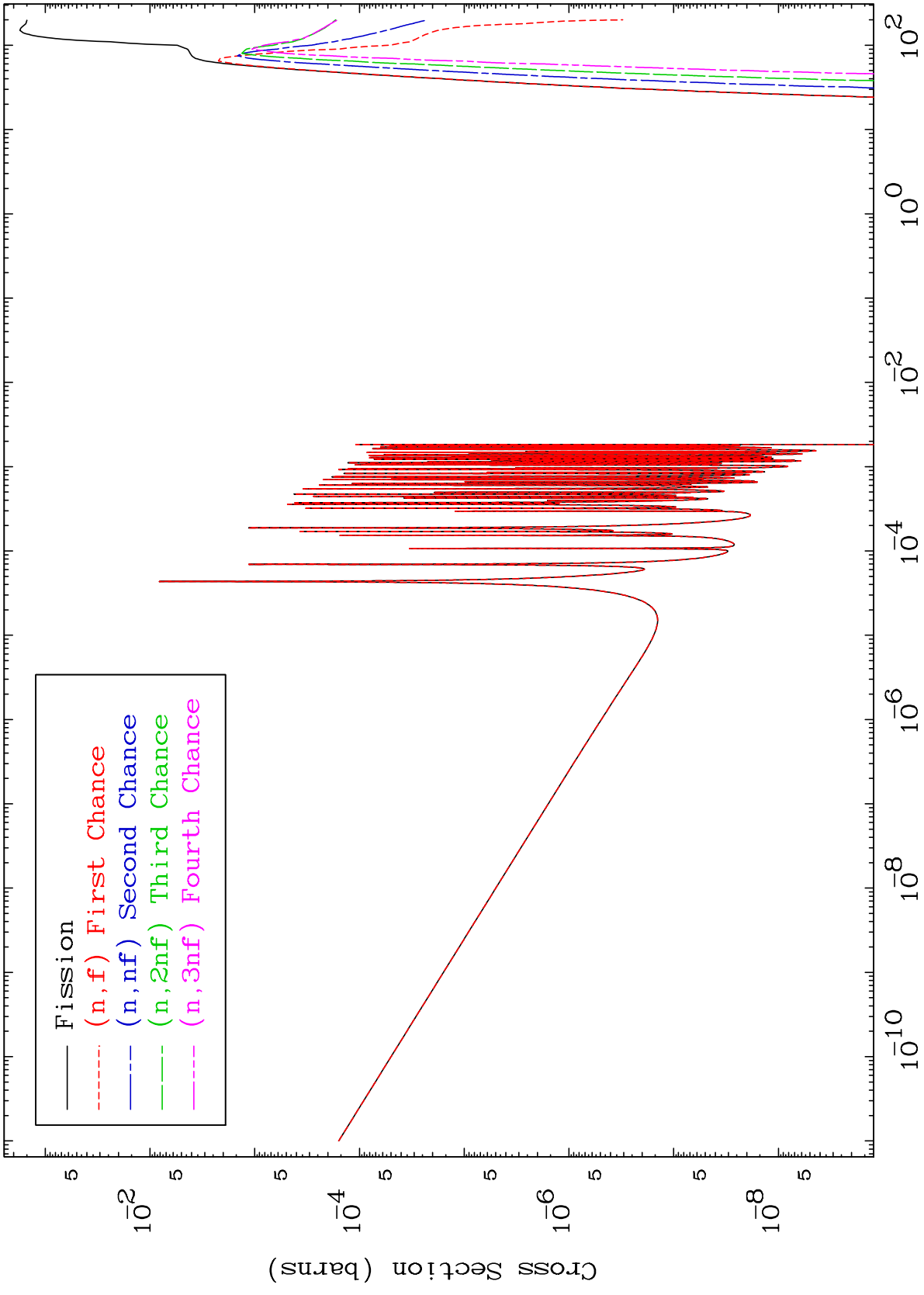


83-Bi-217

MAT 8349

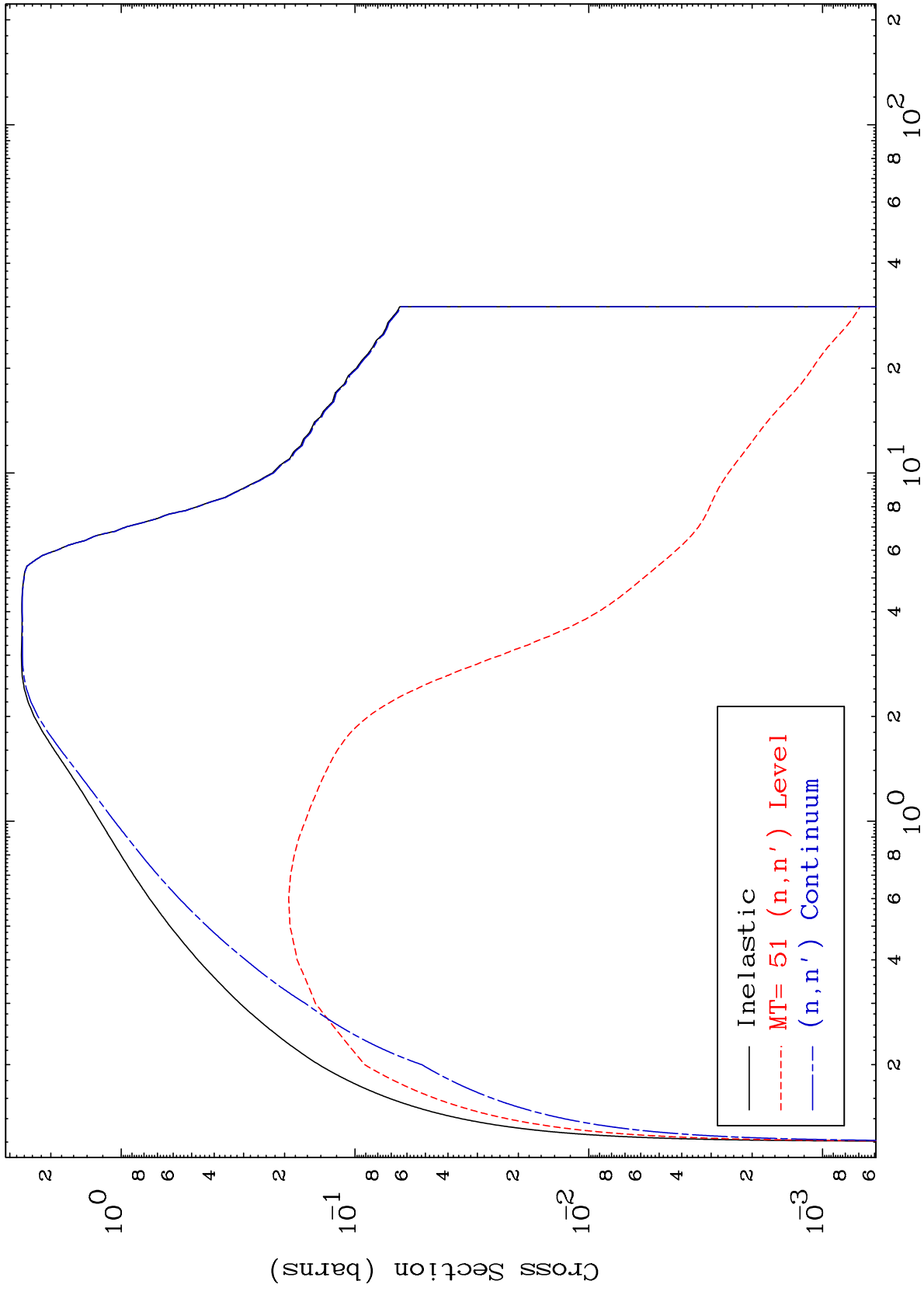
Fission
293 Kelvin Cross Sections

83-Bi-217



83-Bi-217

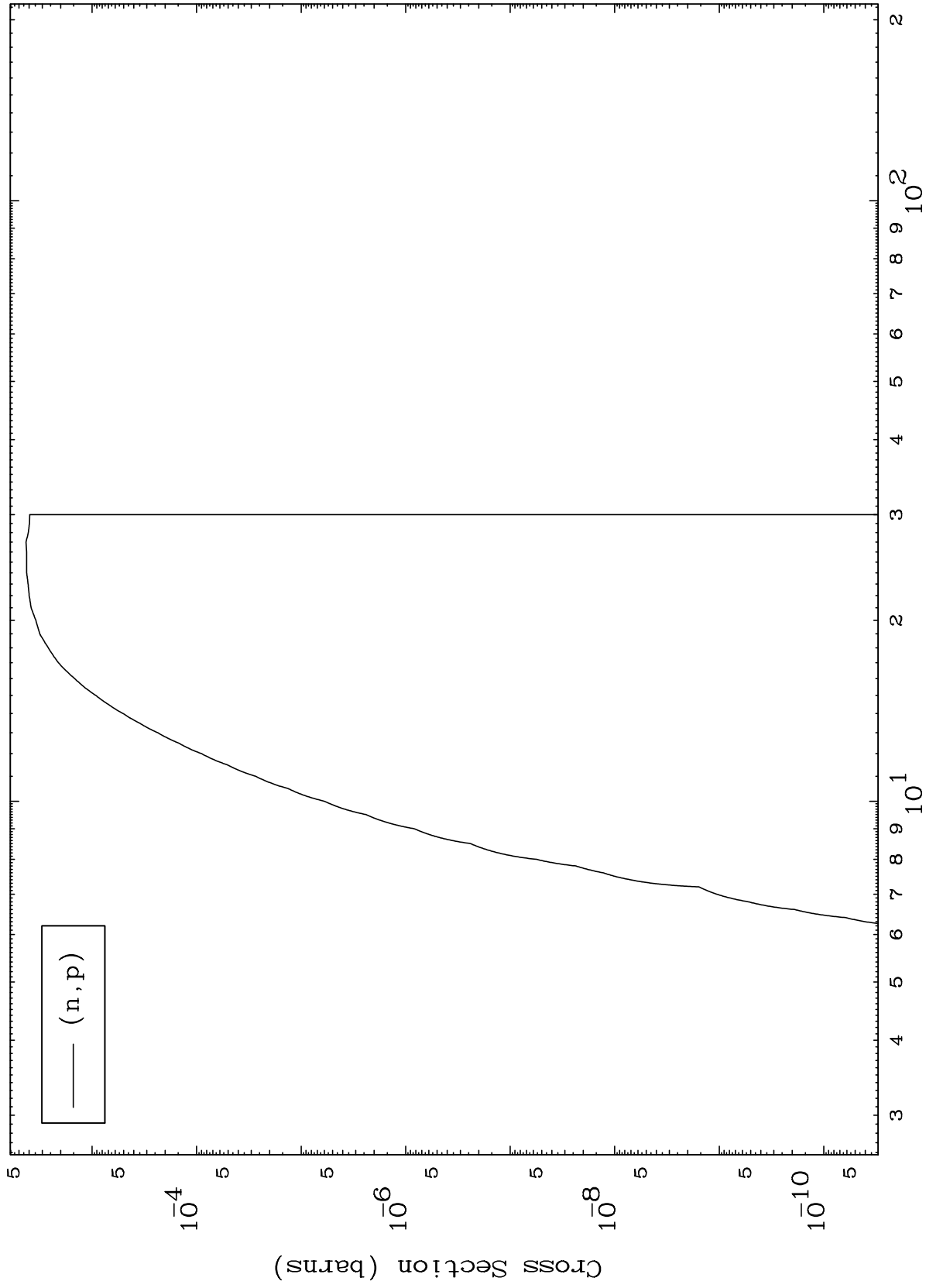
(n,n') Level
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

83-Bi-217



9

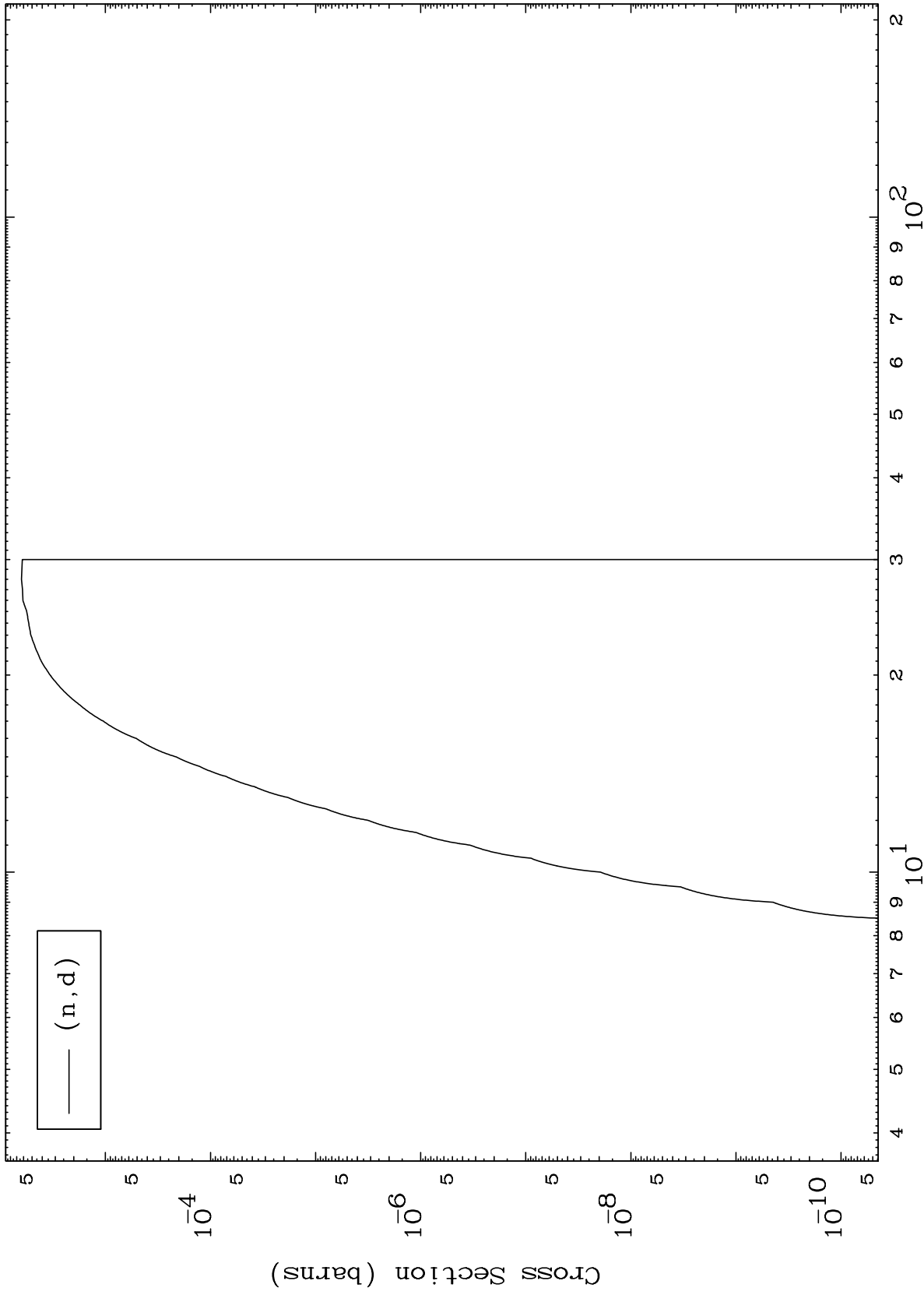
Incident Energy (MeV)

83-Bi-217

MAT 8349

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-217



10

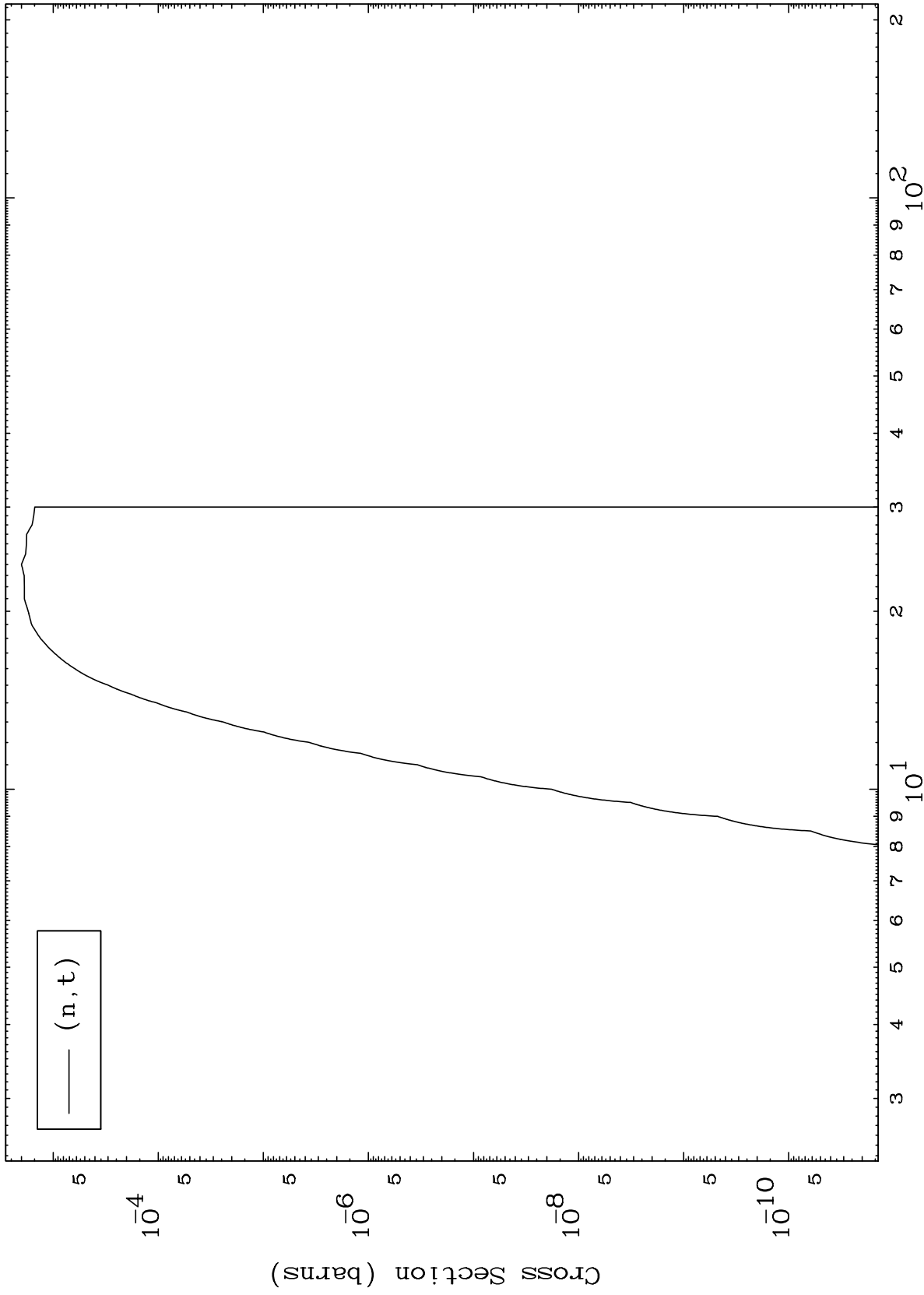
Incident Energy (MeV)

83-Bi-217

MAT 8349

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-217



11

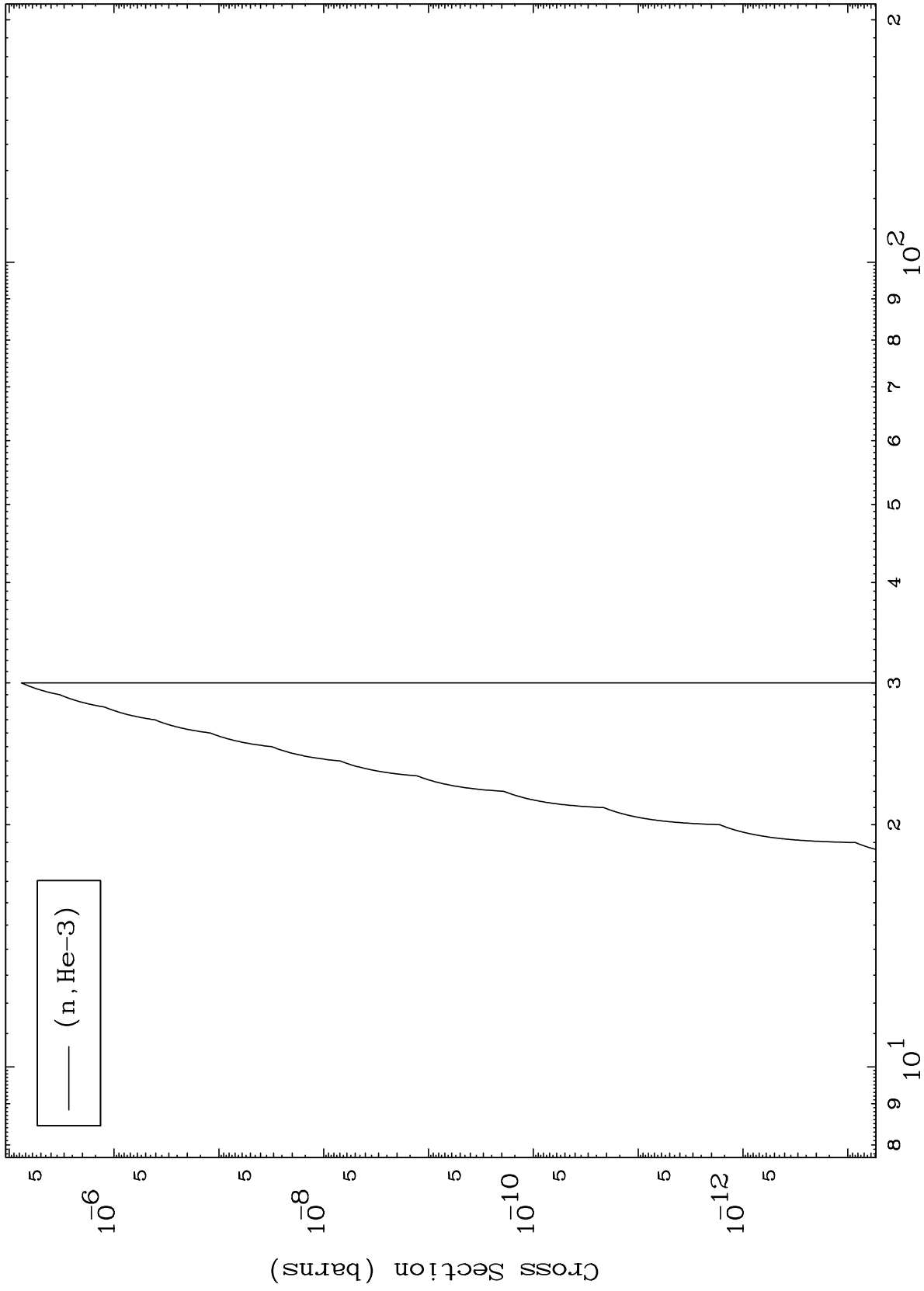
Incident Energy (MeV)

83-Bi-217

MAT 8349

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-217



12

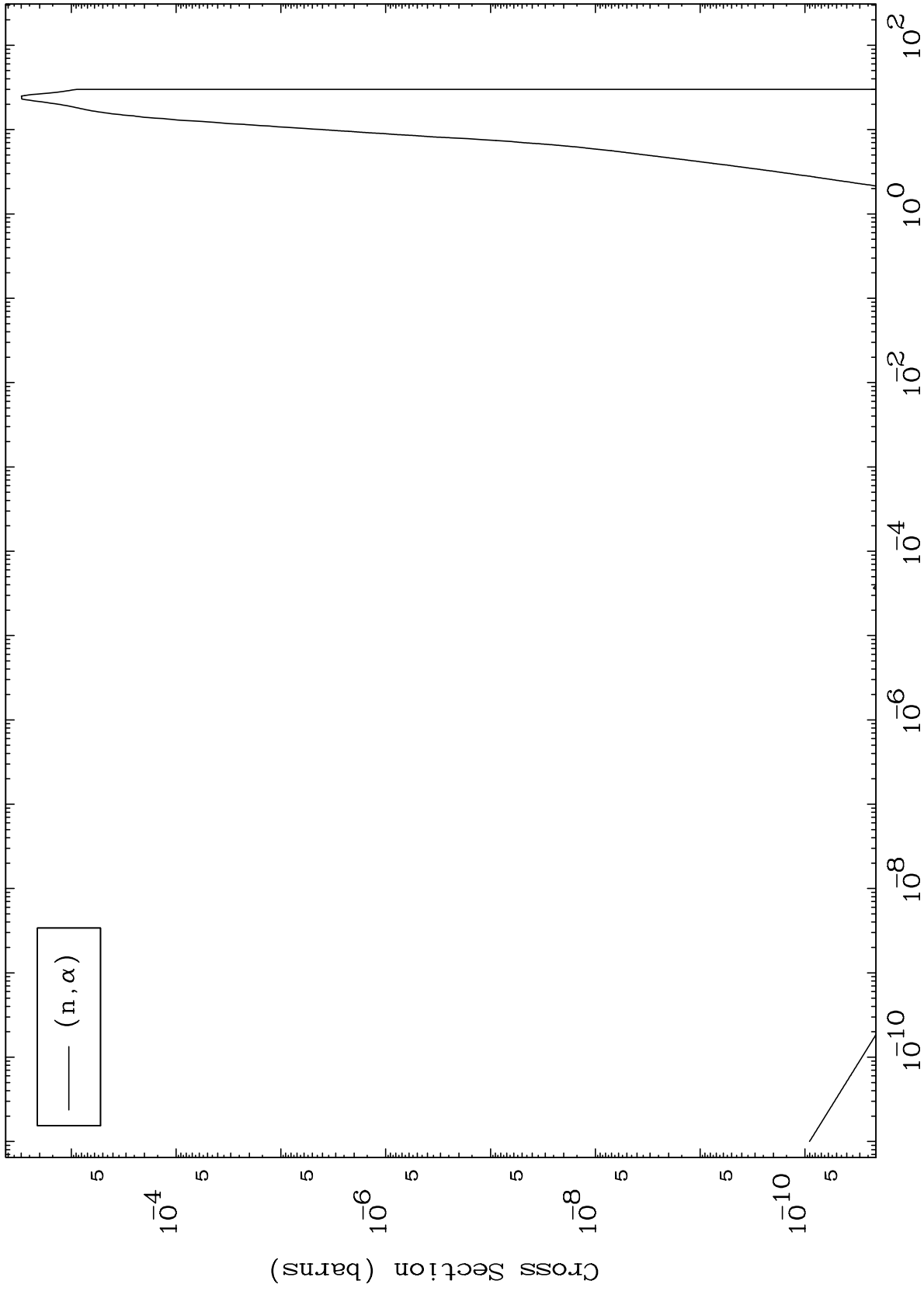
Incident Energy (MeV)

83-Bi-217

MAT 8349

(n,α) Levels
293 Kelvin Cross Sections

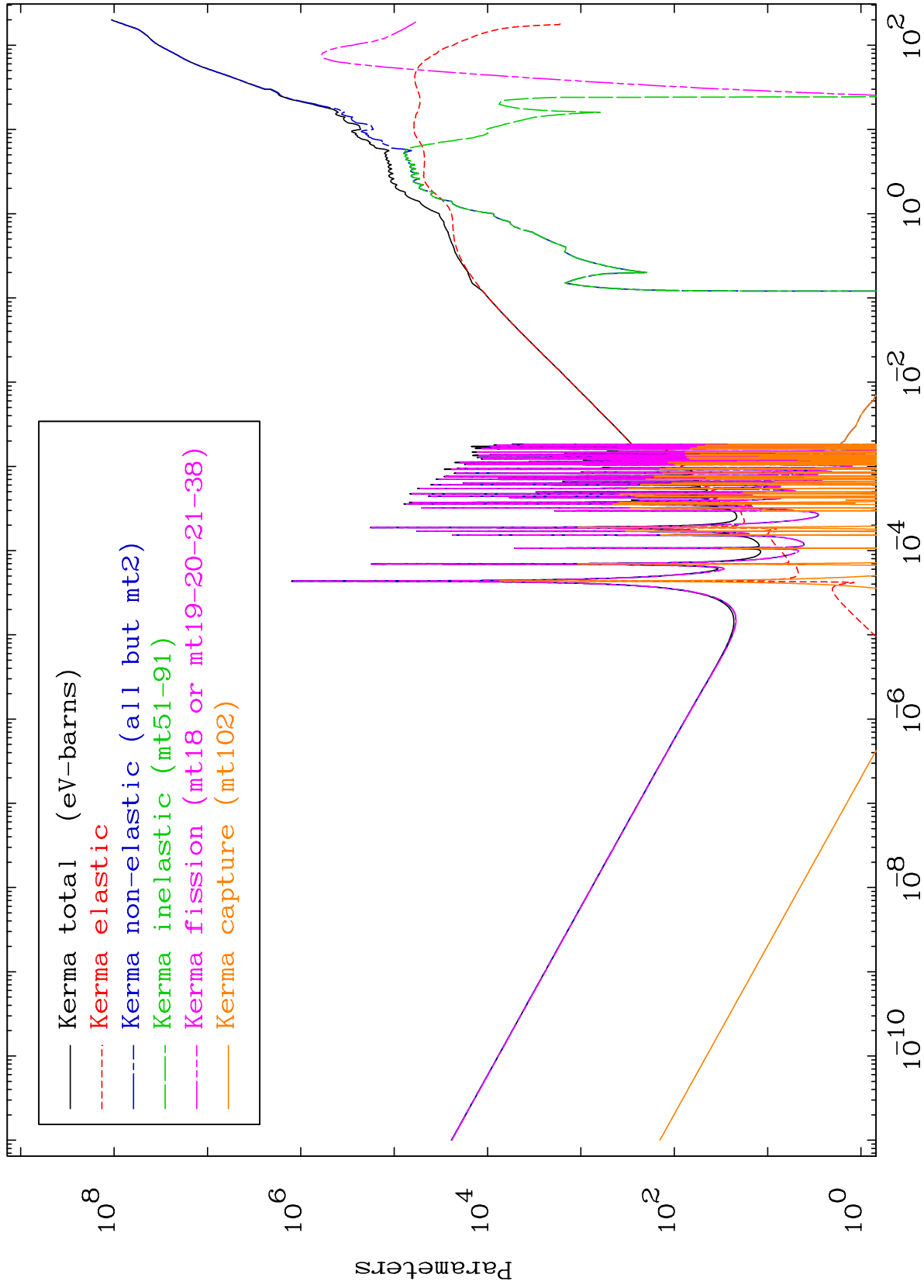
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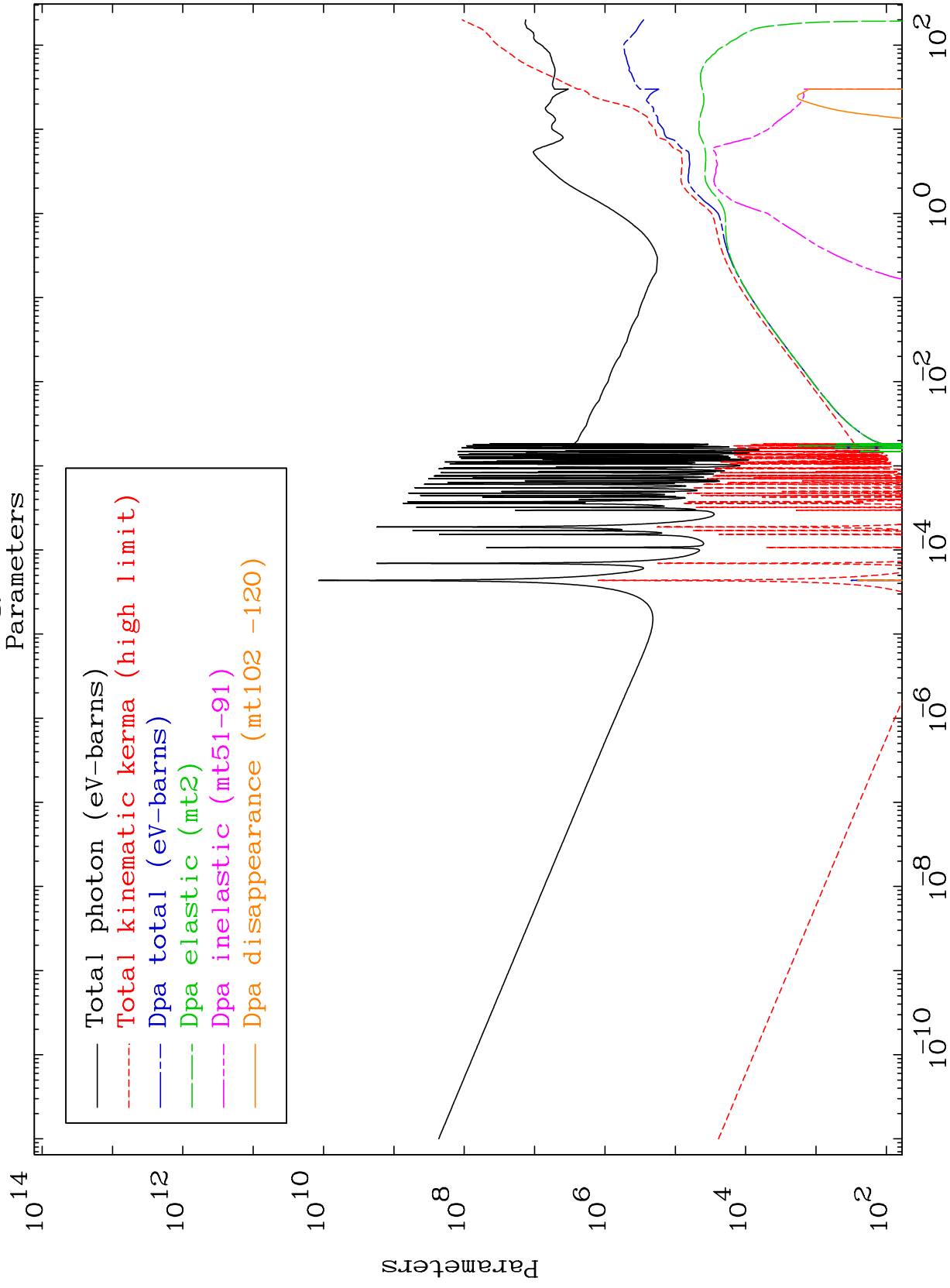


13

Incident Energy (MeV)

83-Bi-217

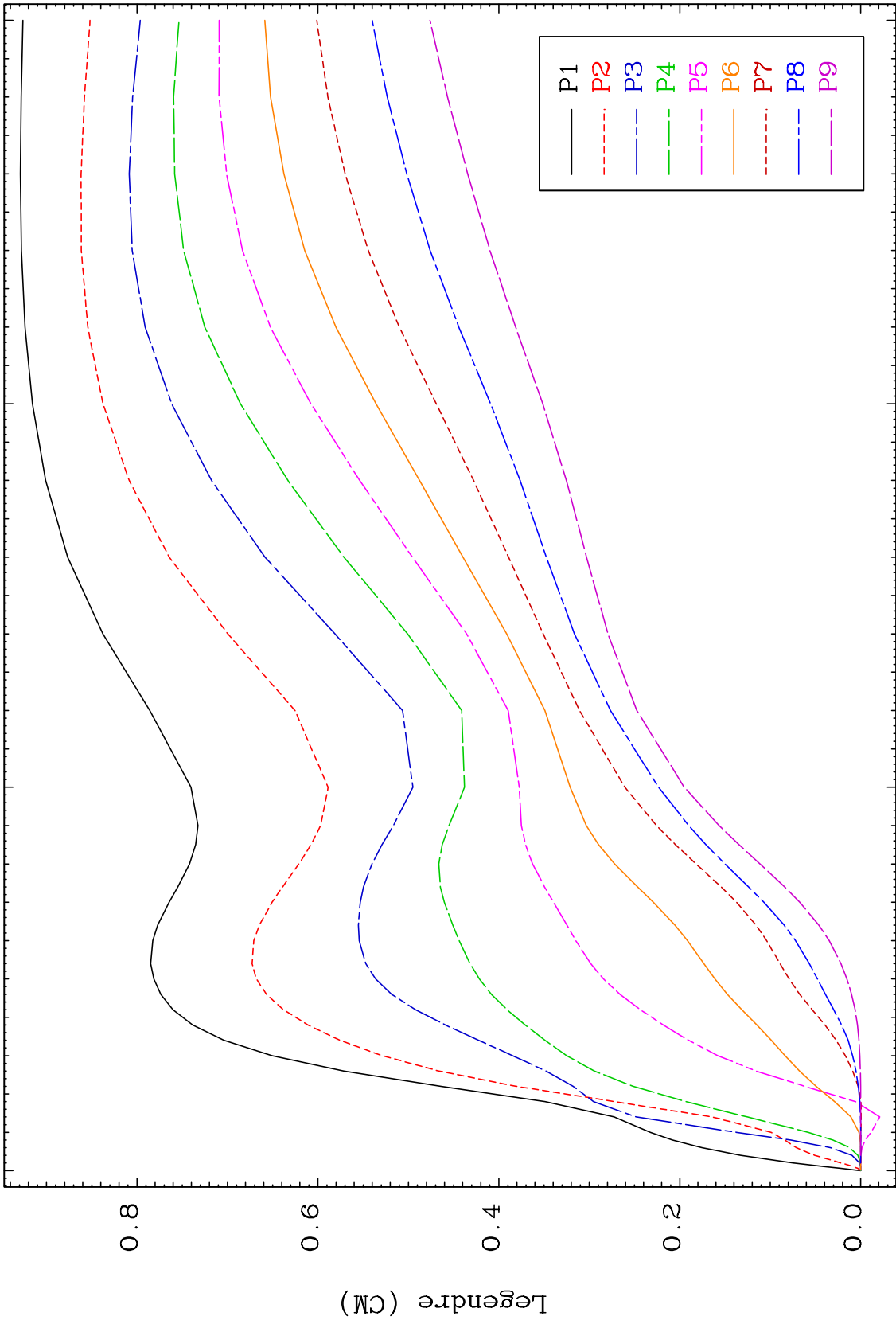




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83-Bi-217

Elastic Legendre Coefficients



16

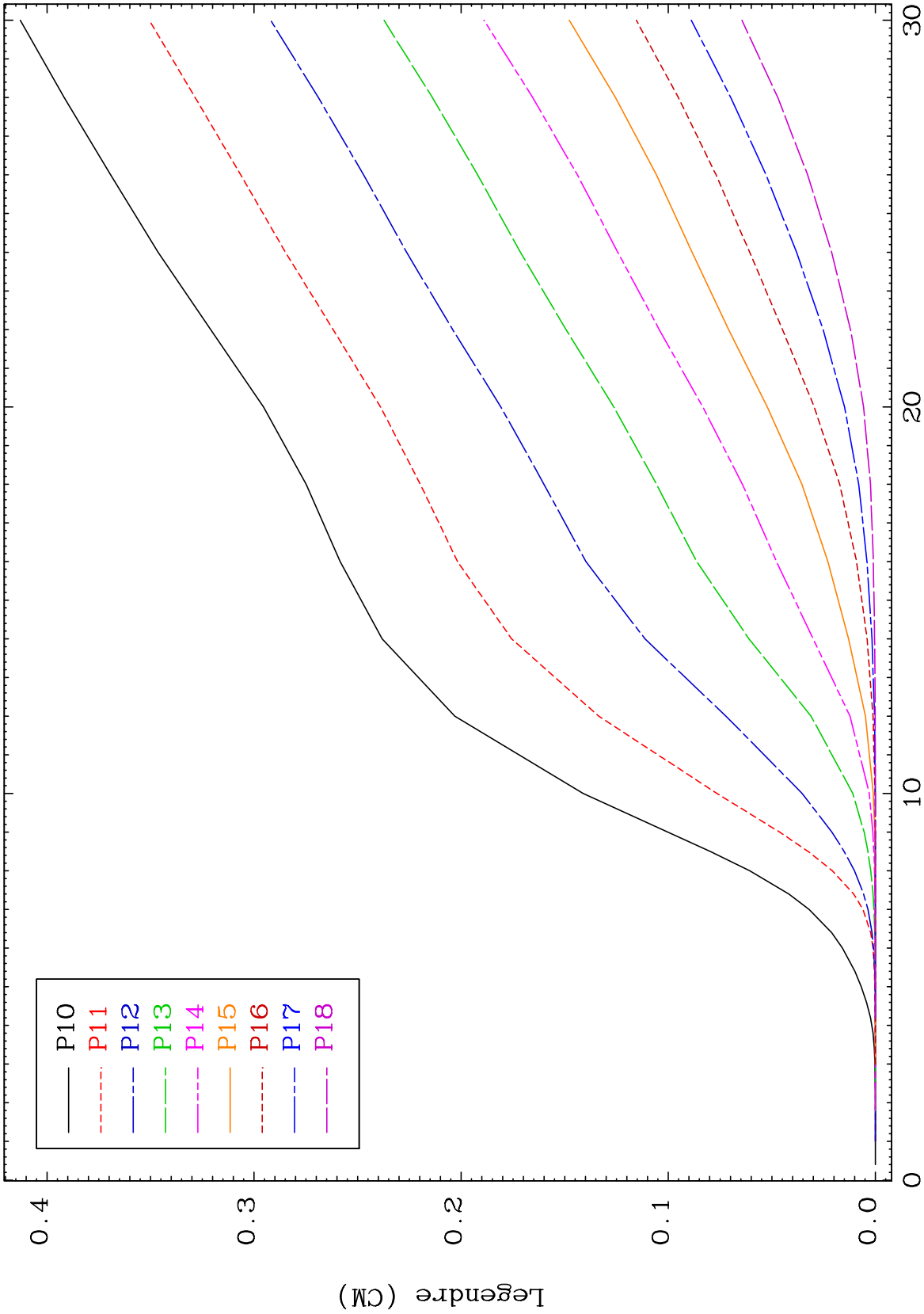
Incident Energy (MeV)

83-Bi-217

MAT 8349

Elastic Legendre Coefficients

⁸³Bi-217



17

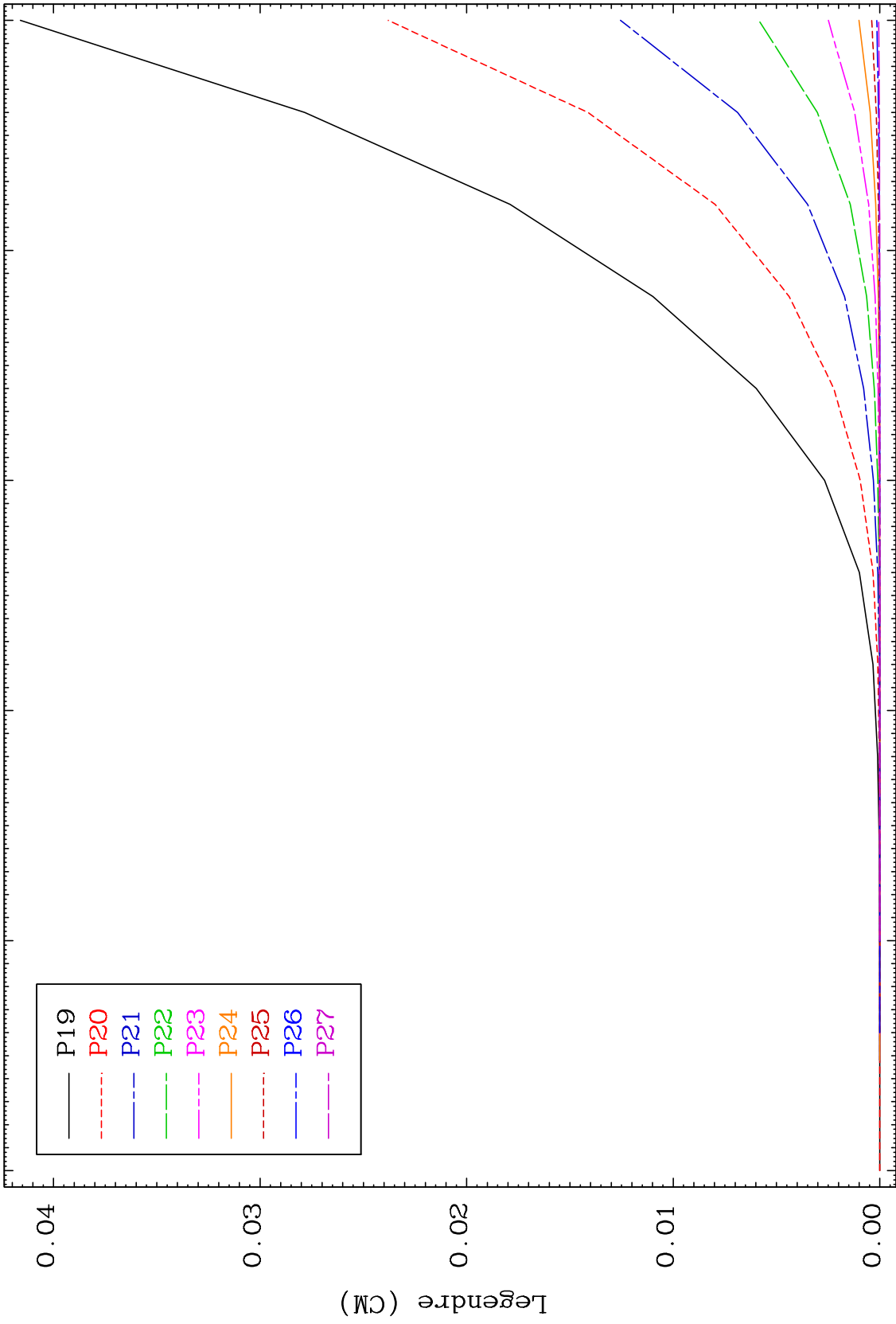
Incident Energy (MeV)

⁸³Bi-217

MAT 8349

Elastic Legendre Coefficients

83-Bi-217



18

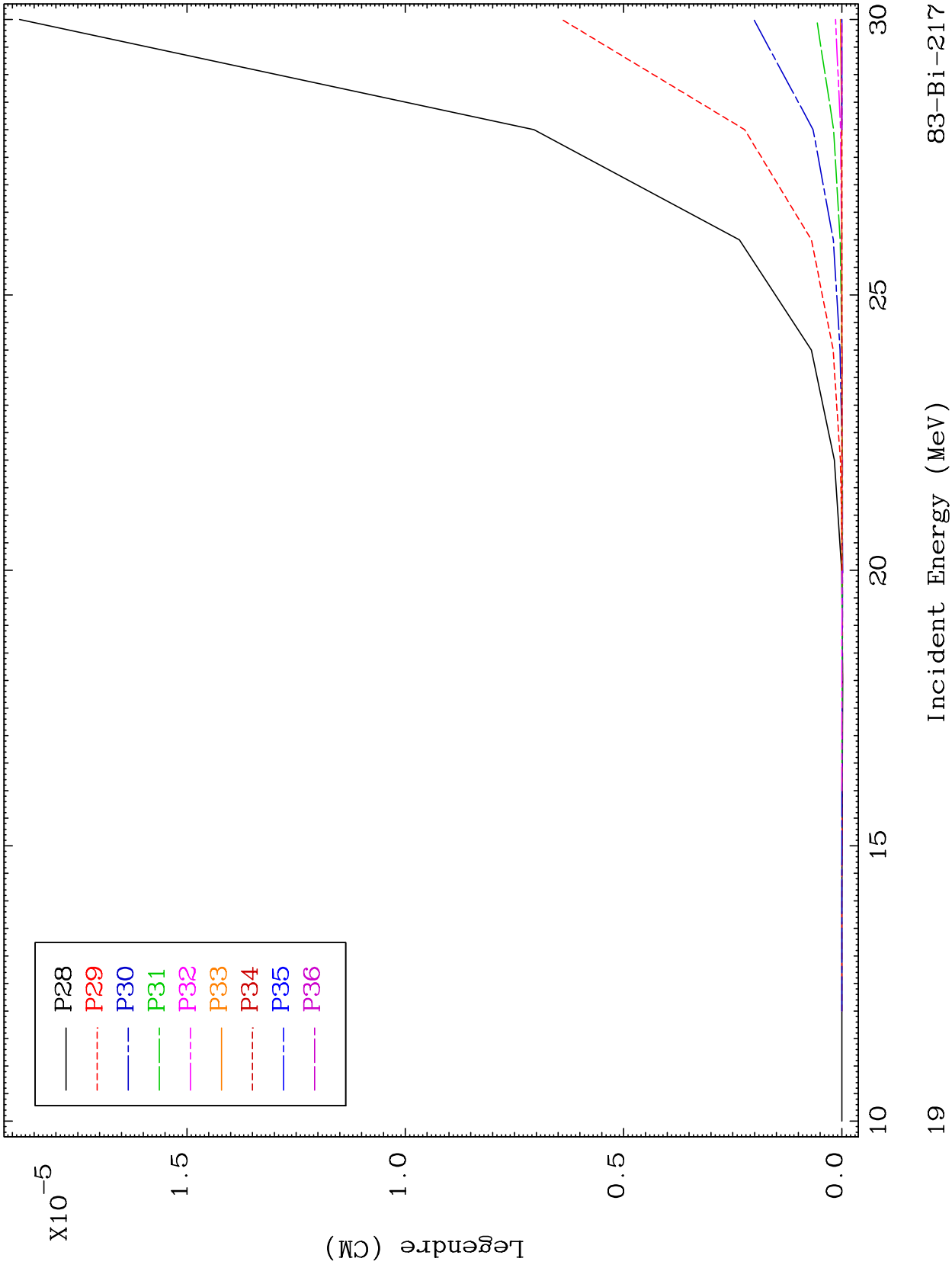
Incident Energy (MeV)

83-Bi-217

MAT 8349

Elastic Legendre Coefficients

83-Bi-217



19

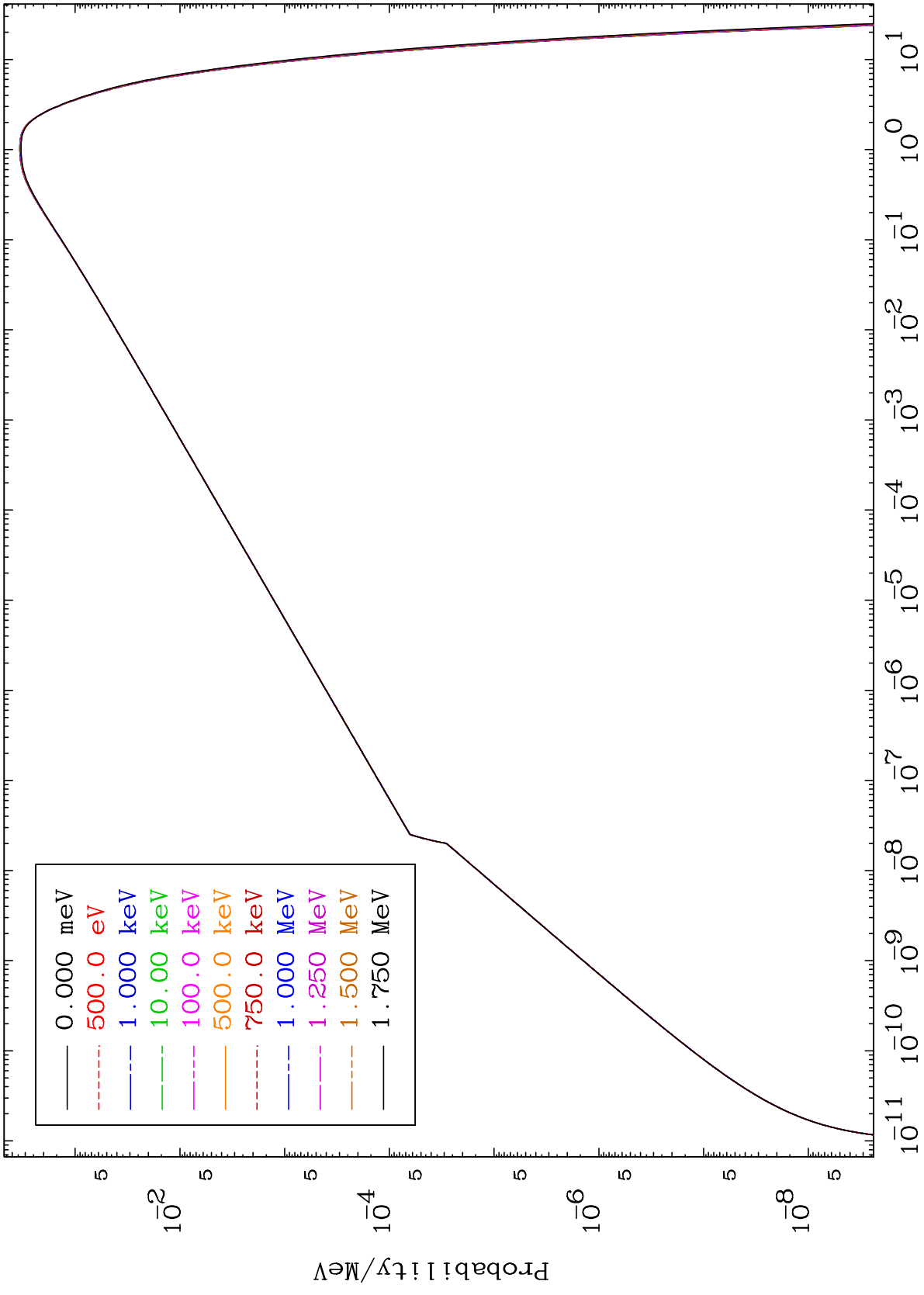
Incident Energy (MeV)

83-Bi-217

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Fission Energy Distribution

83-Bi-217



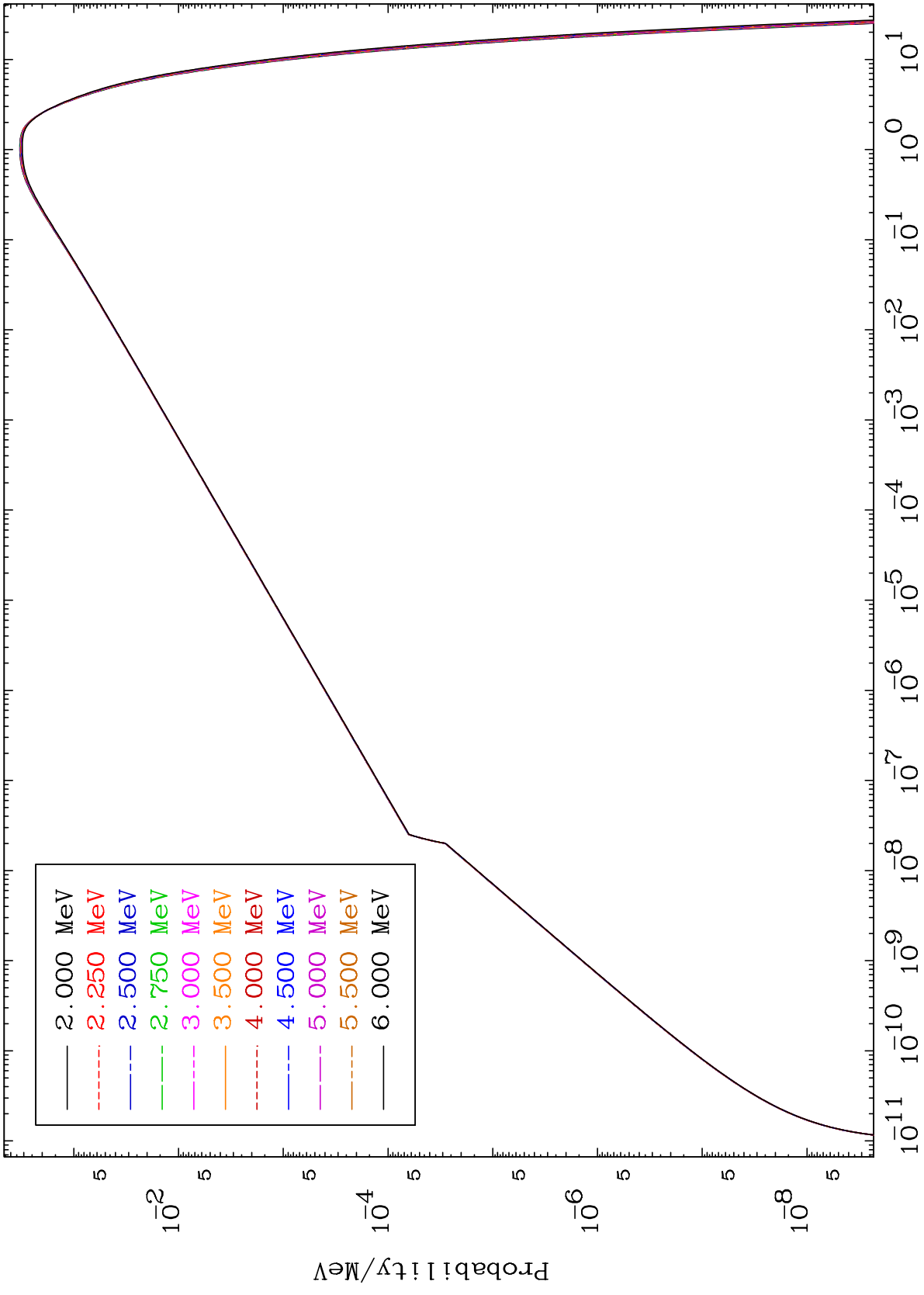
—	0.000 meV
- - -	500.0 eV
- . - .	1.000 keV
- - -	10.00 keV
- . - .	100.0 keV
- - -	500.0 keV
- . - .	750.0 keV
- - -	1.000 MeV
- . - .	1.250 MeV
- - -	1.500 MeV
- . - .	1.750 MeV

83-Bi-217

MAT 8349

Fission Energy Distribution

83-Bi-217

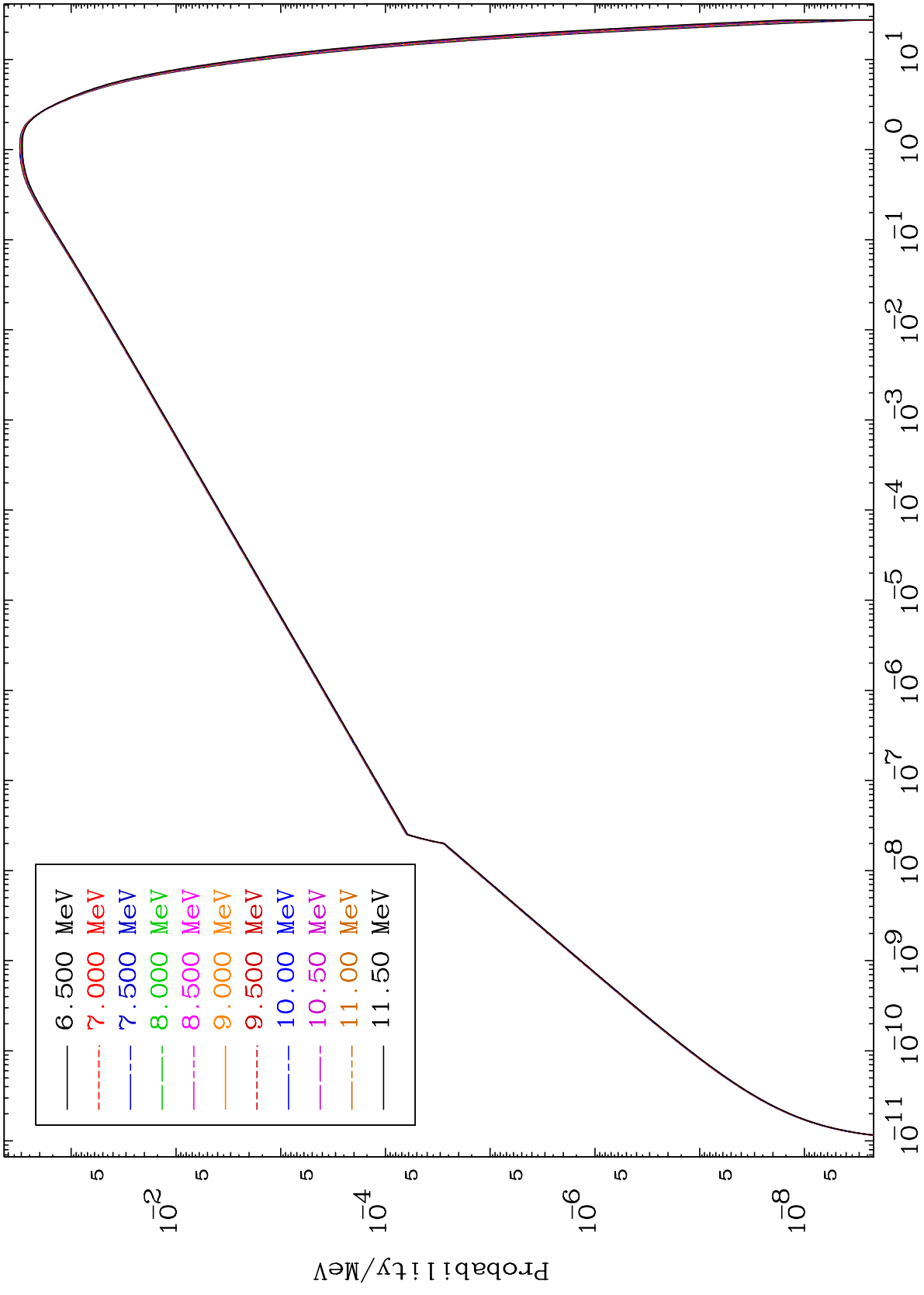


83-Bi-217

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Fission Energy Distribution

83-Bi-217

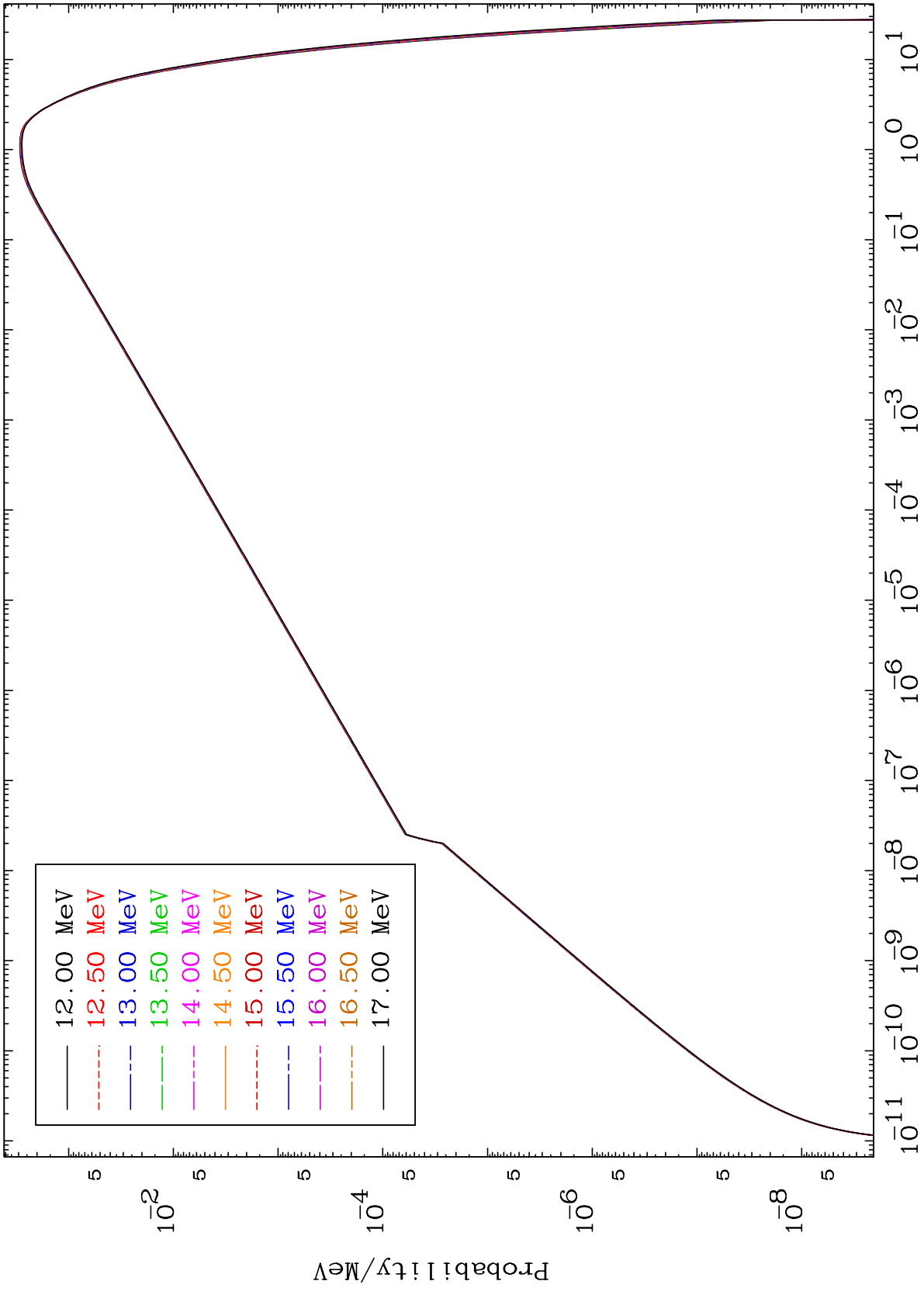


83-Bi-217

MAT 8349

Fission Energy Distribution

83-Bi-217

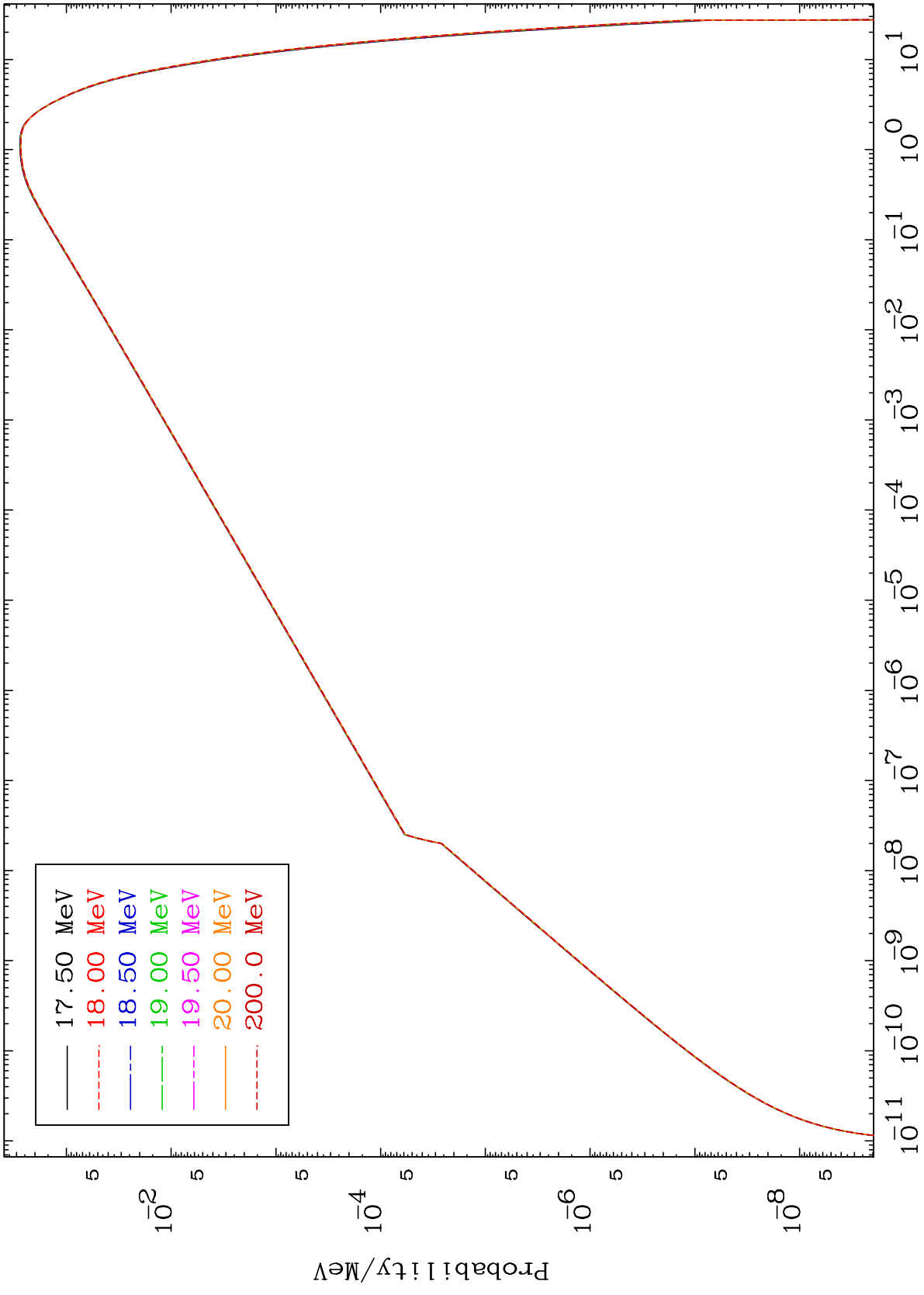


83-Bi-217

MAT 8349

Fission Energy Distribution

83-Bi-217



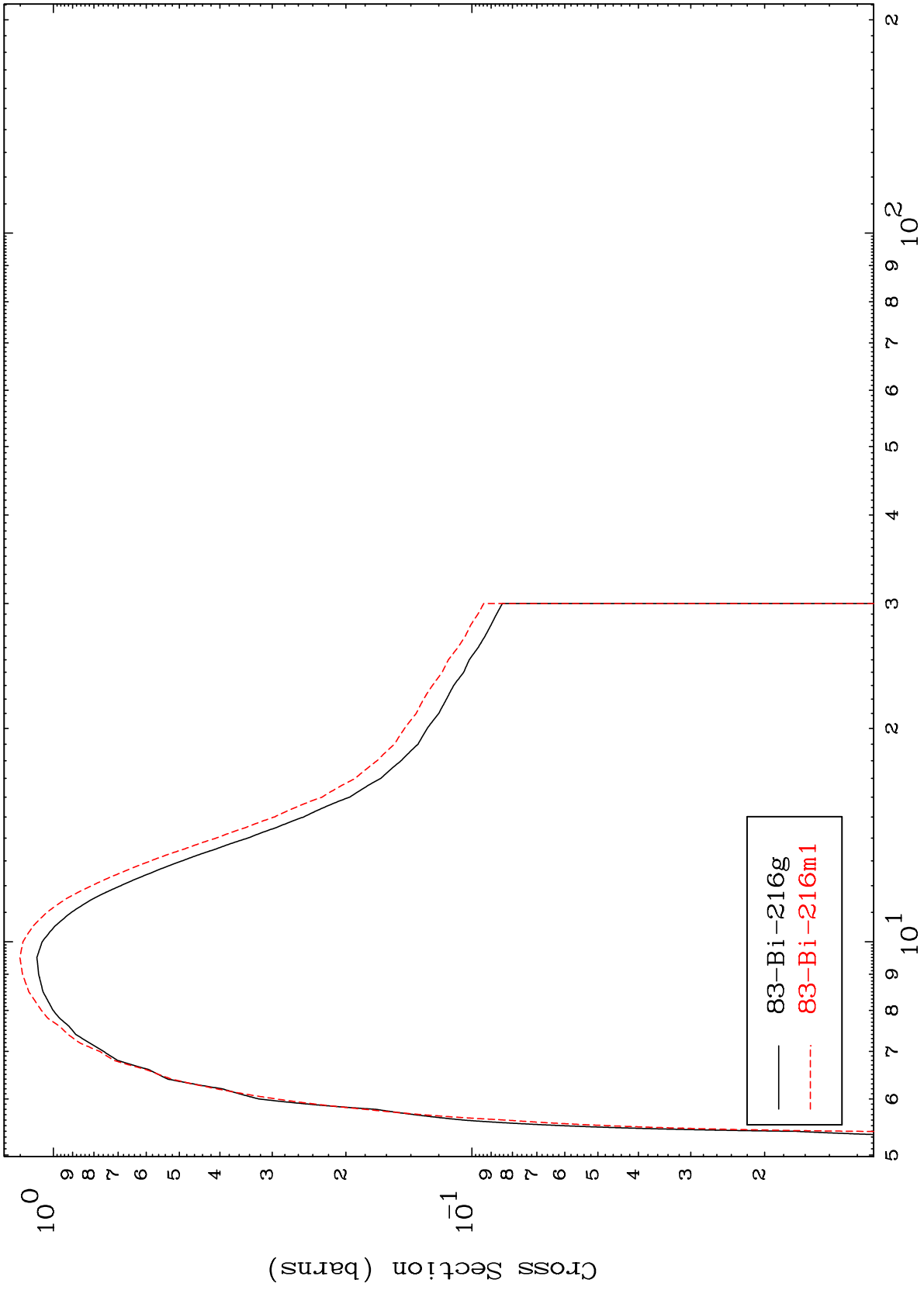
—	17.50	MeV
- - -	18.00	MeV
- · - ·	18.50	MeV
- - -	19.00	MeV
- · - ·	19.50	MeV
- - -	20.00	MeV
- - -	200.0	MeV

83-Bi-217

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83-Bi-217

(n,2n)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

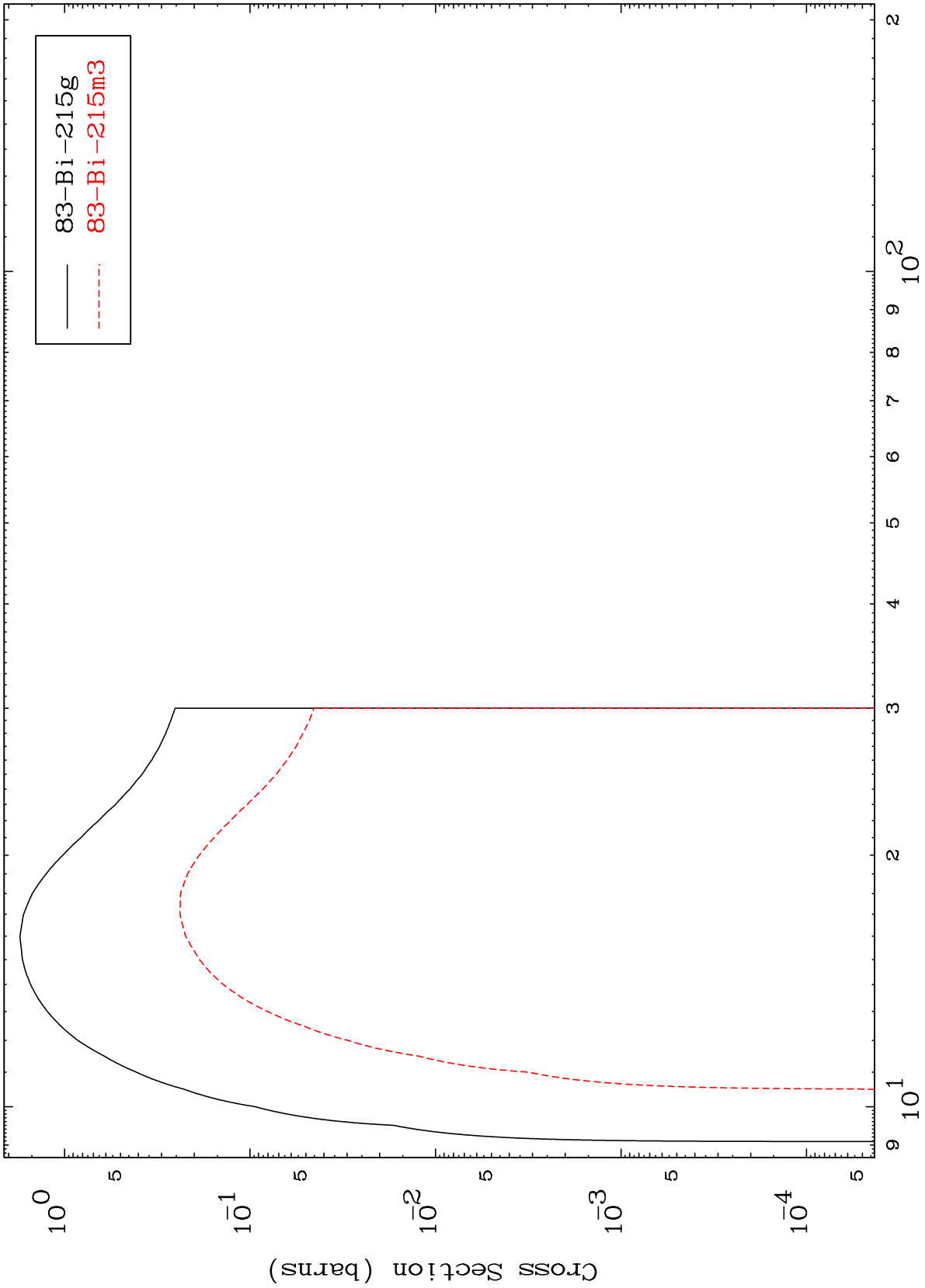
83-Bi-217

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(n,3n)

83-Bi-217

Radionuclide Production Cross Section



83-Bi-215g
83-Bi-215m3

26

Incident Energy (MeV)

83-Bi-217