

Program EVALPLOT
(Version 2018-1)

by

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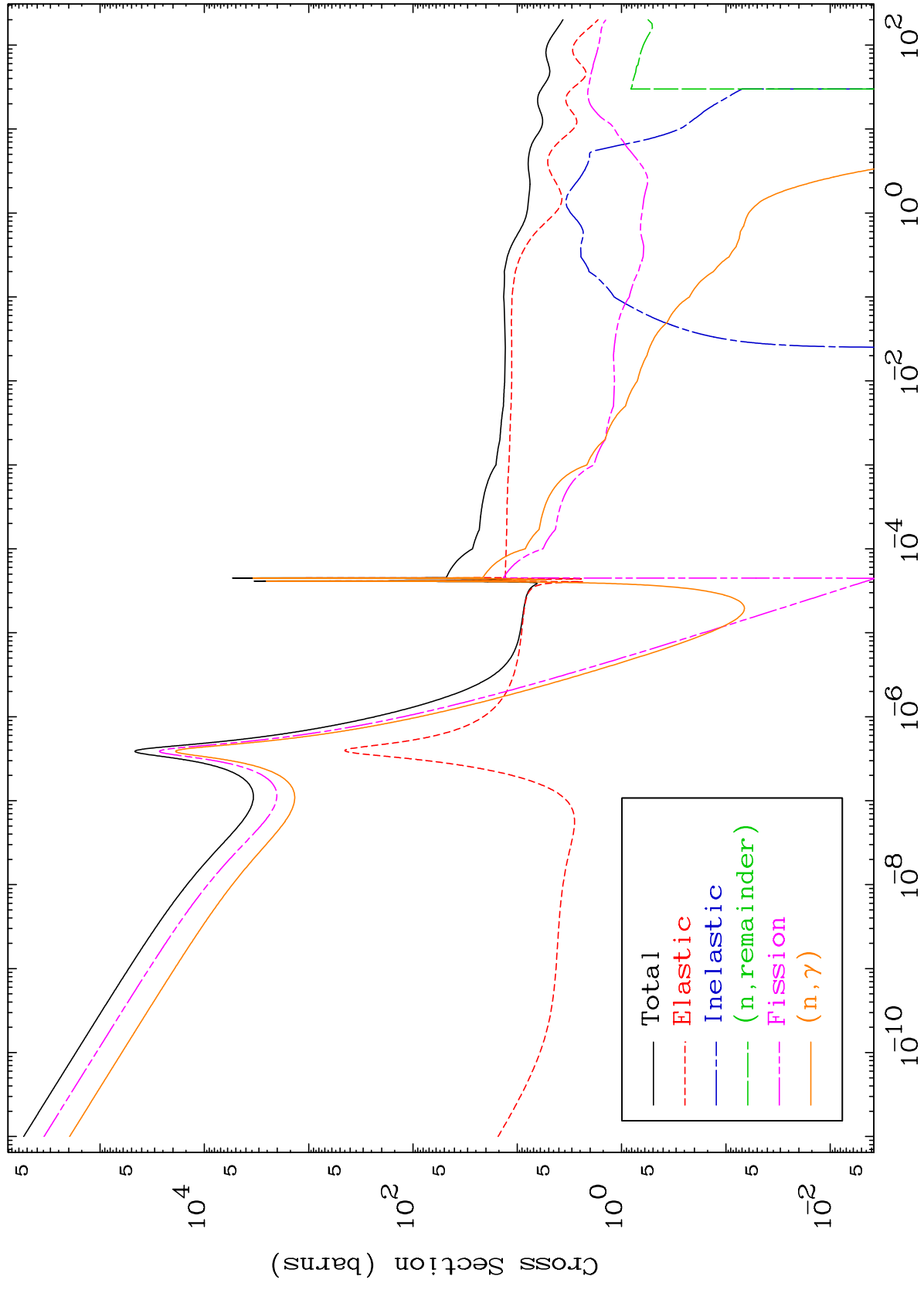
Press Mouse Button to Start

MAT 9858

Major

293 Kelvin Cross Sections

98-Cf-251

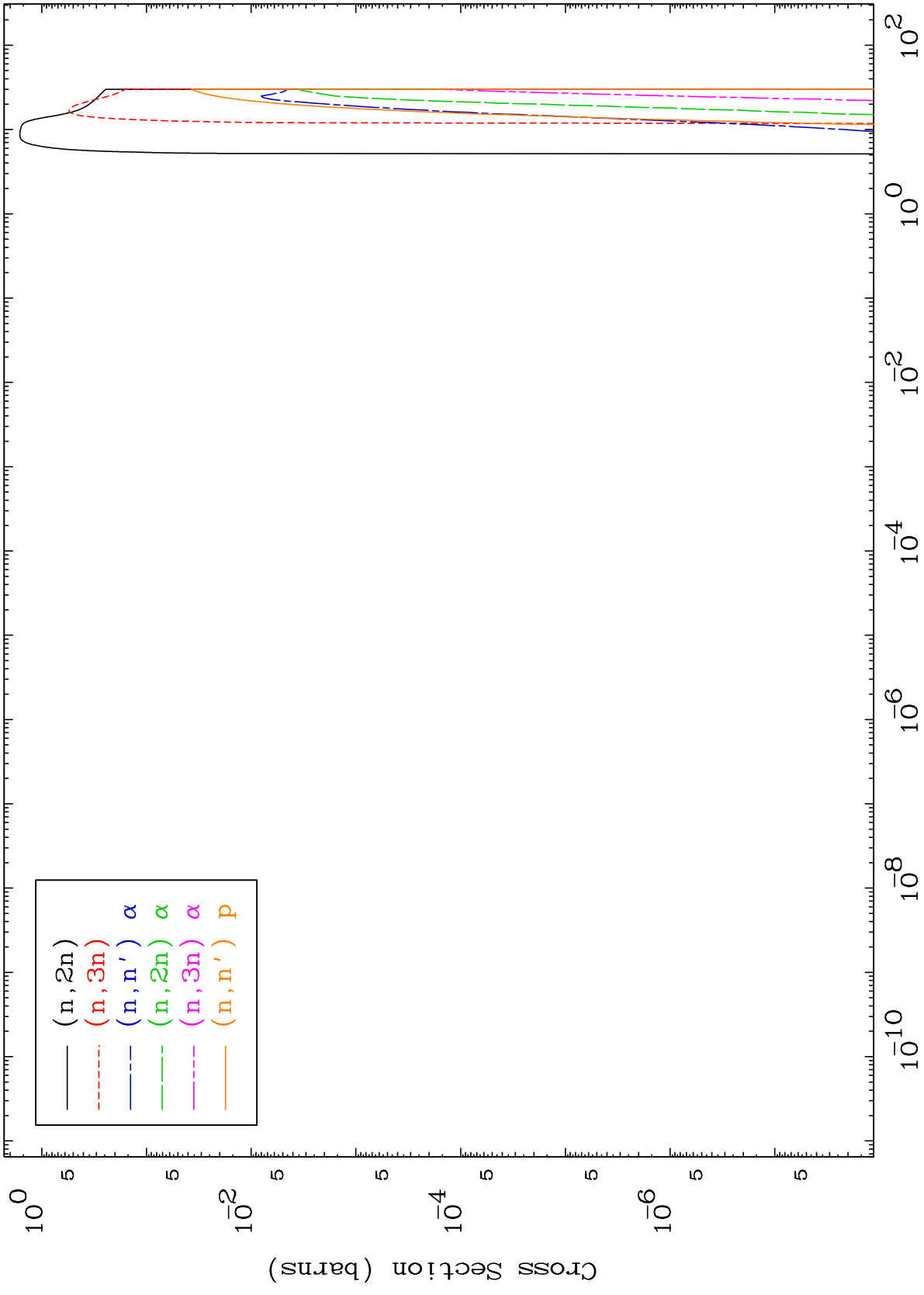


98-Cf-251

MAT 9858

Neutron Production
293 Kelvin Cross Sections

98-Cf-251

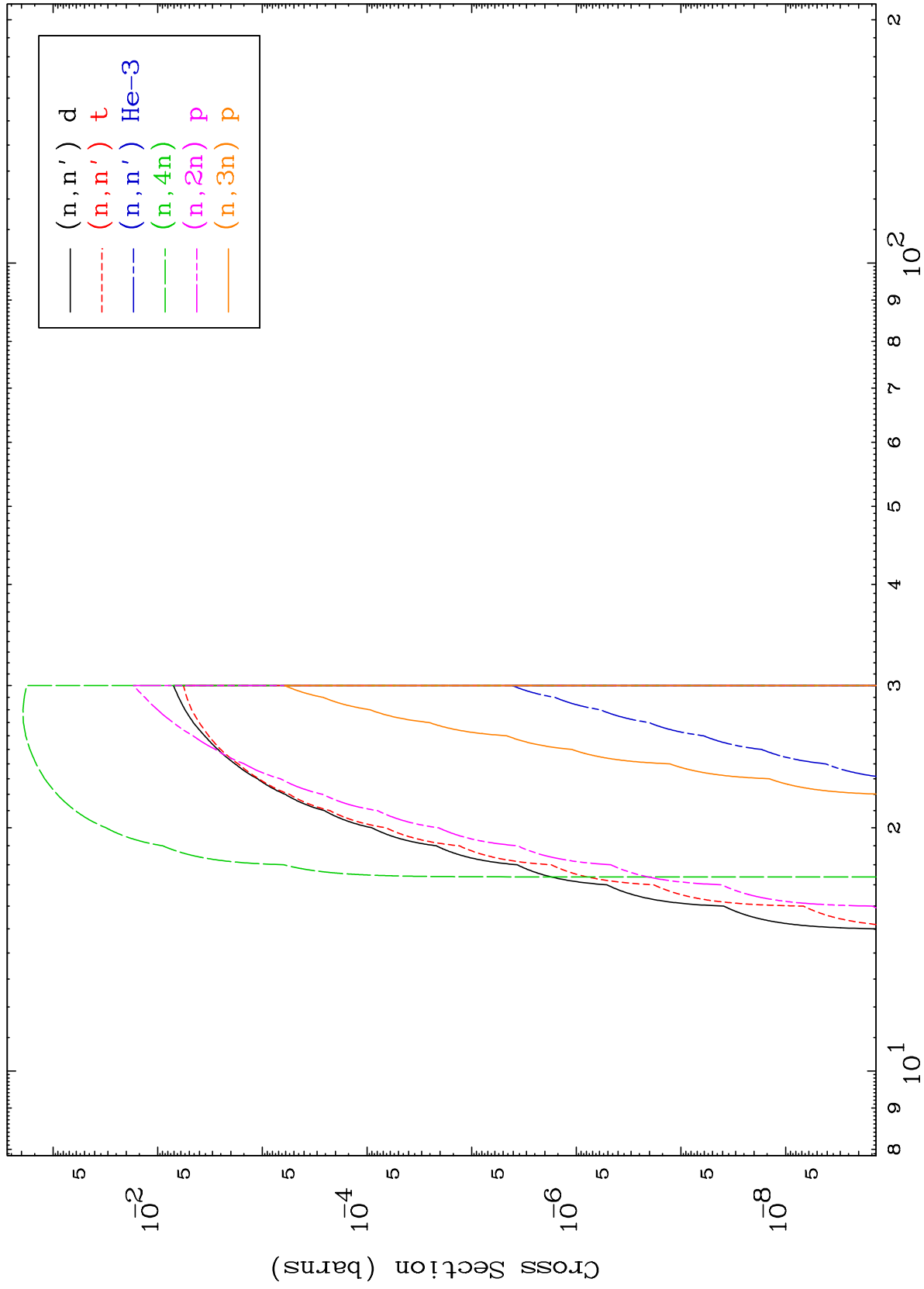


98-Cf-251

MAT 9858

Neutron Production
293 Kelvin Cross Sections

98-Cf-251



3

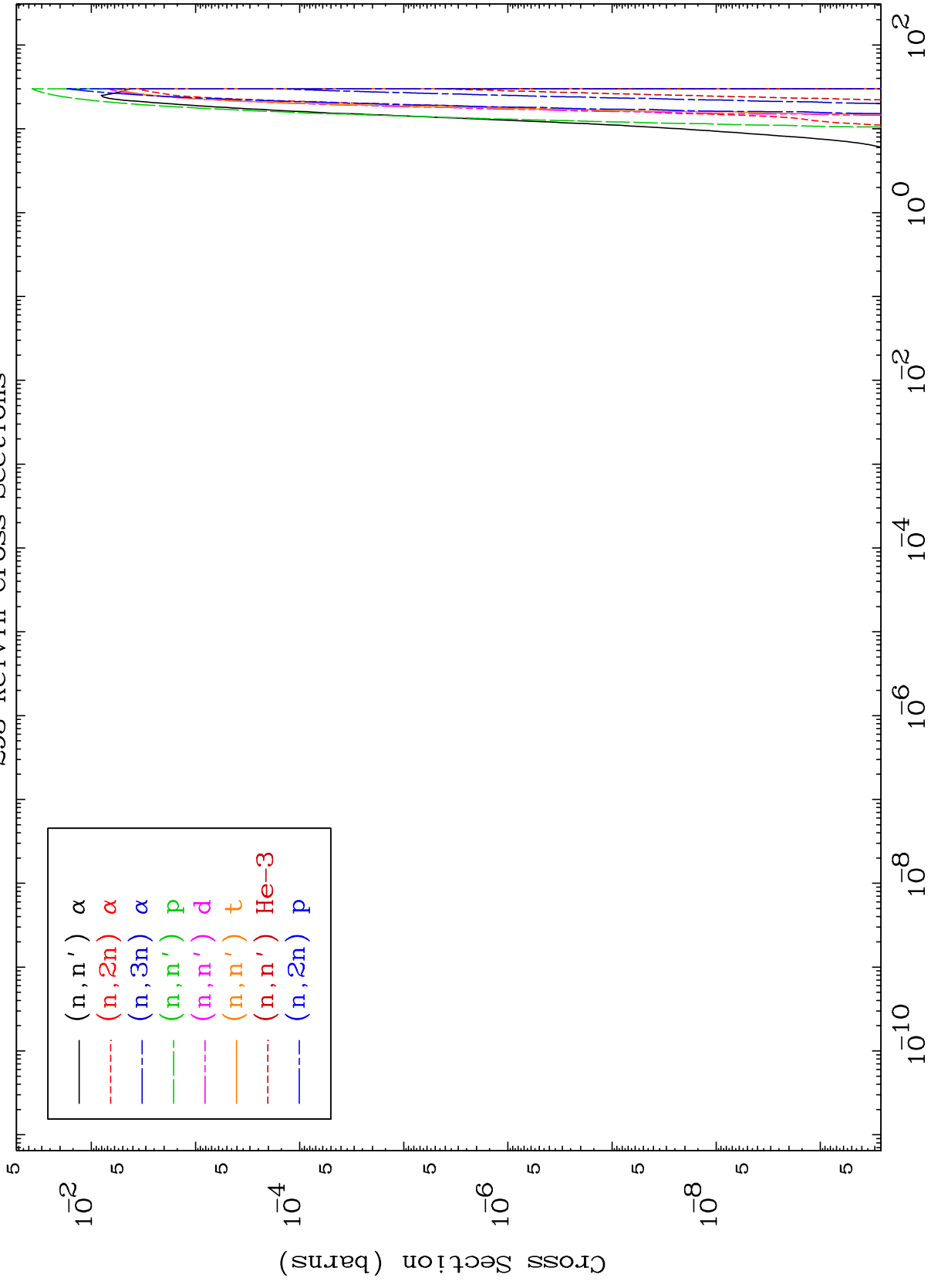
Incident Energy (MeV)

98-Cf-251

MAT 9858

Charged Particle
293 Kelvin Cross Sections

98-Cf-251

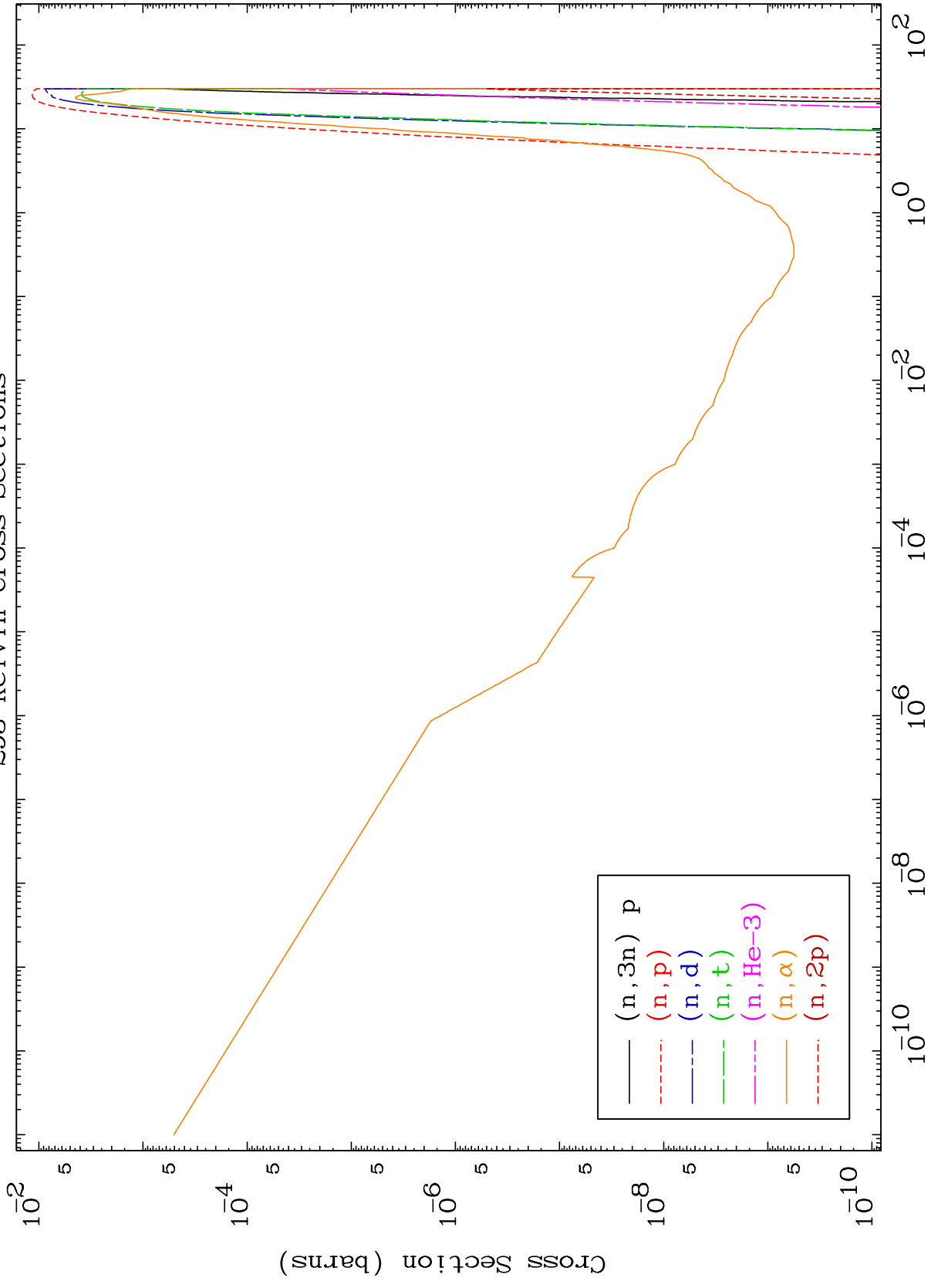


98-Cf-251

MAT 9858

Charged Particle
293 Kelvin Cross Sections

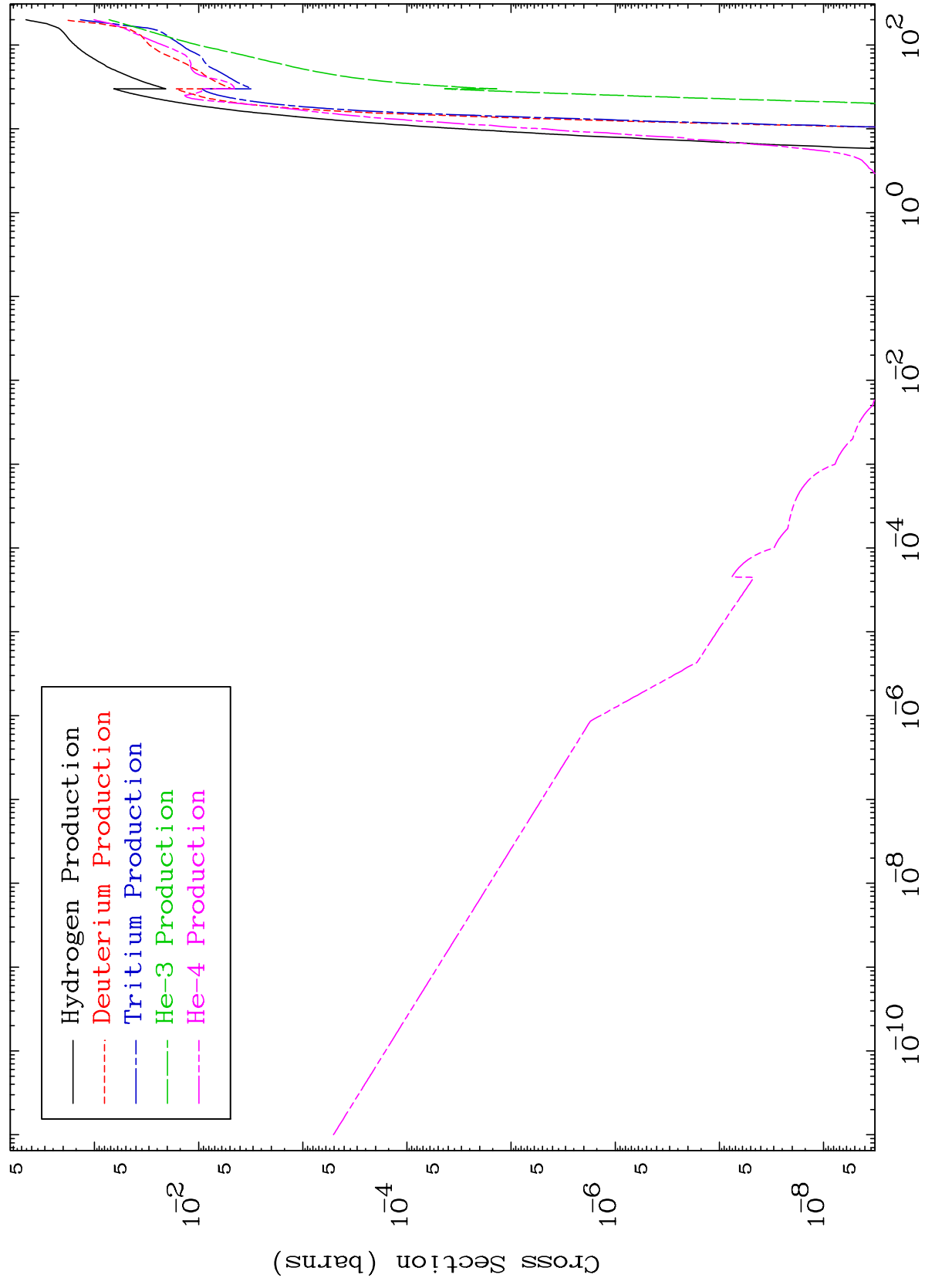
98-Cf-251



MAT 9858

Particle Production
293 Kelvin Cross Sections

98-Cf-251

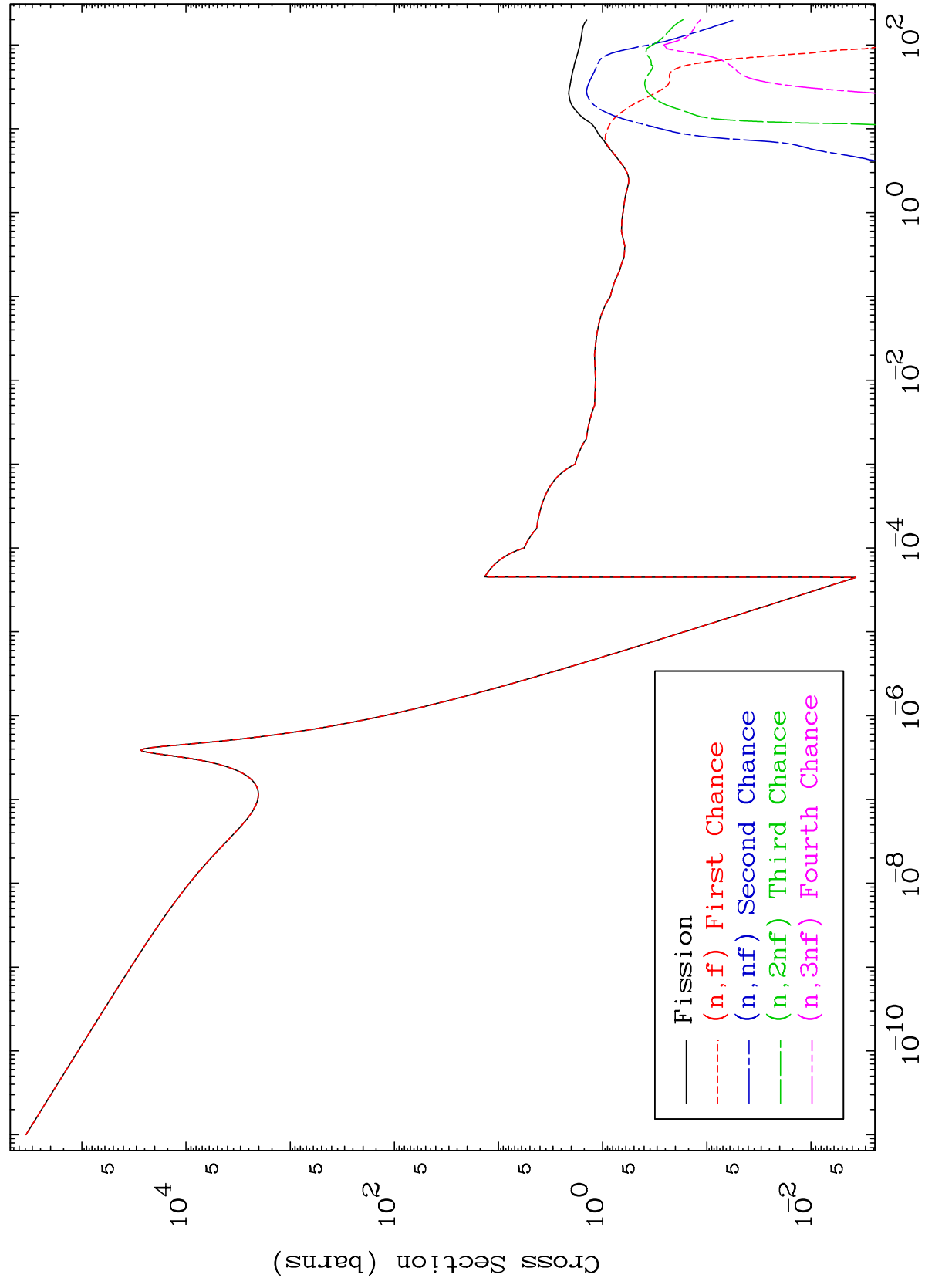


98-Cf-251

MAT 9858

Fission
293 Kelvin Cross Sections

98-Cf-251



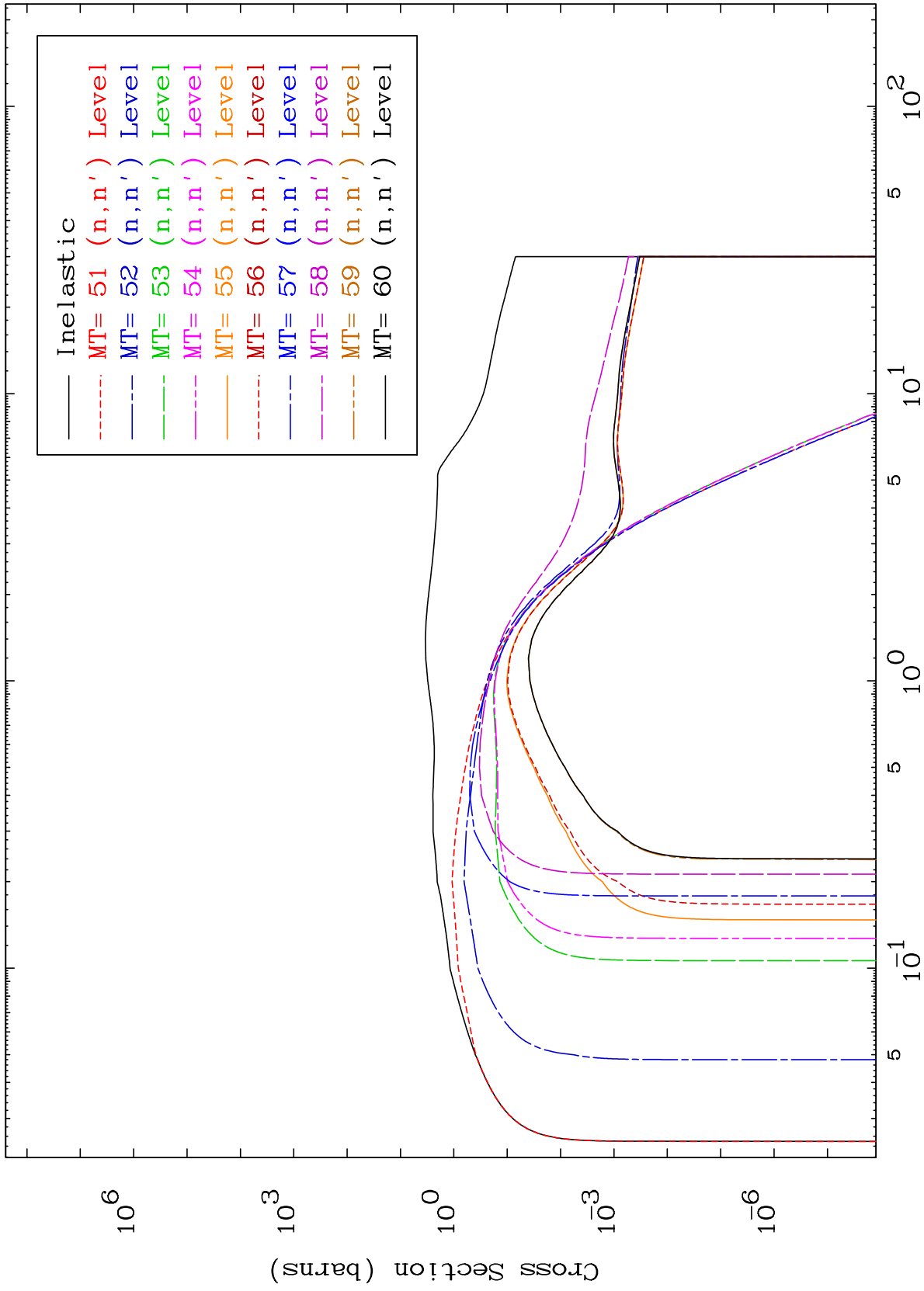
98-Cf-251

MAT 9858

(n,n') Level

98-Cf-251

293 Kelvin Cross Sections



8

Incident Energy (MeV)

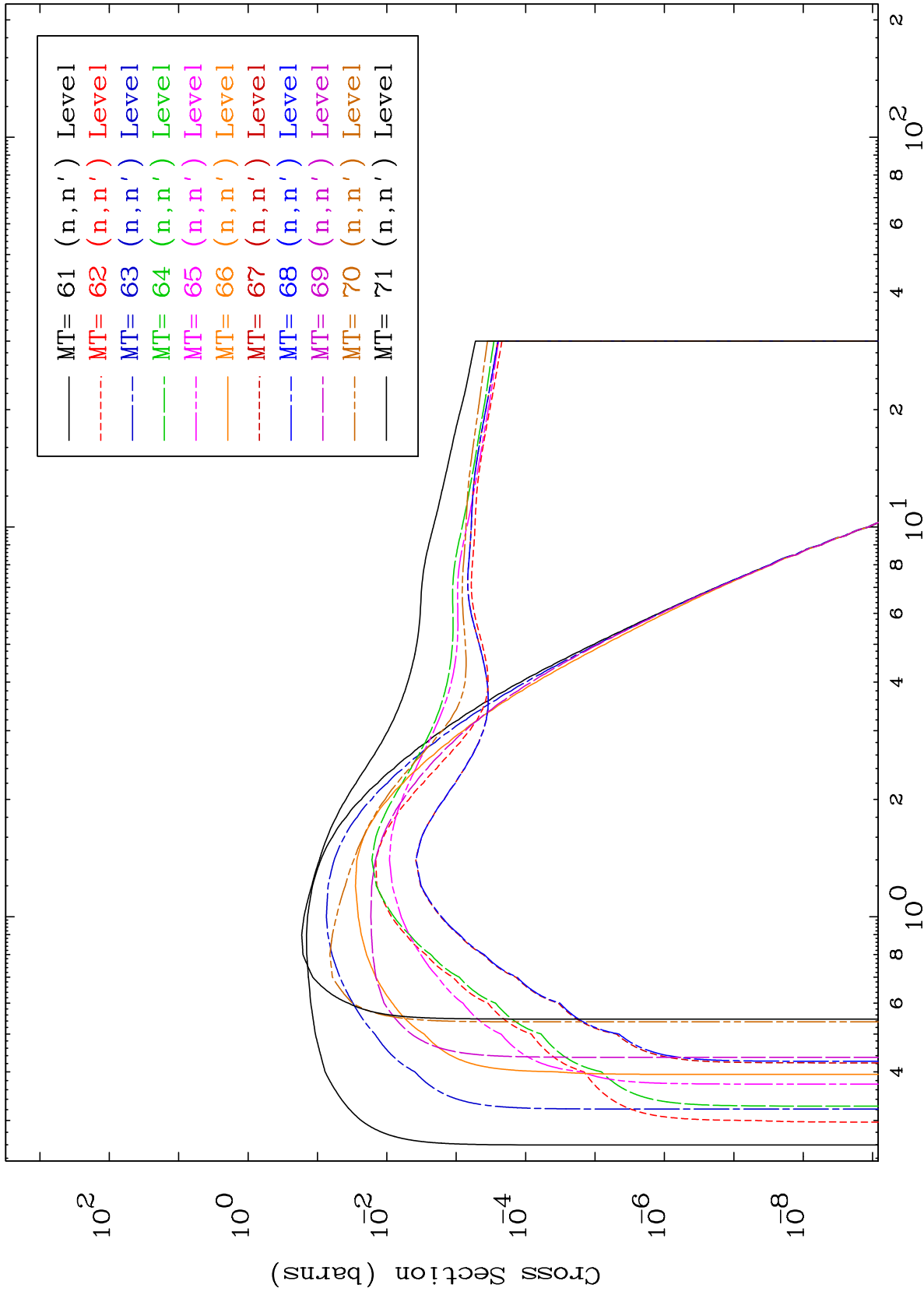
98-Cf-251

MAT 9858

(n,n') Level

98-Cf-251

293 Kelvin Cross Sections

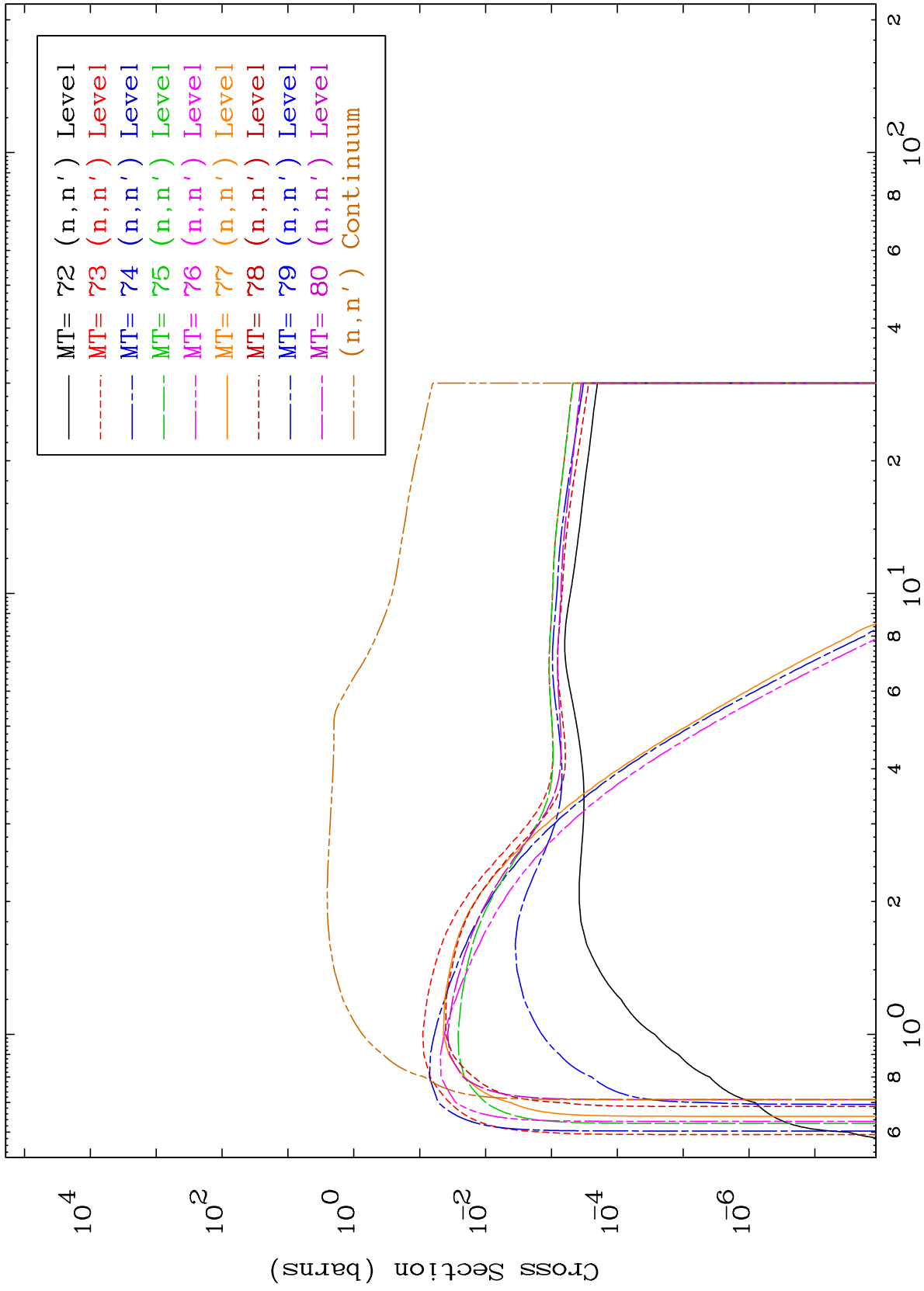


MAT 9858

(n,n') Level

98-Cf-251

293 Kelvin Cross Sections



10

8

6

4

2

10¹

8

6

4

2

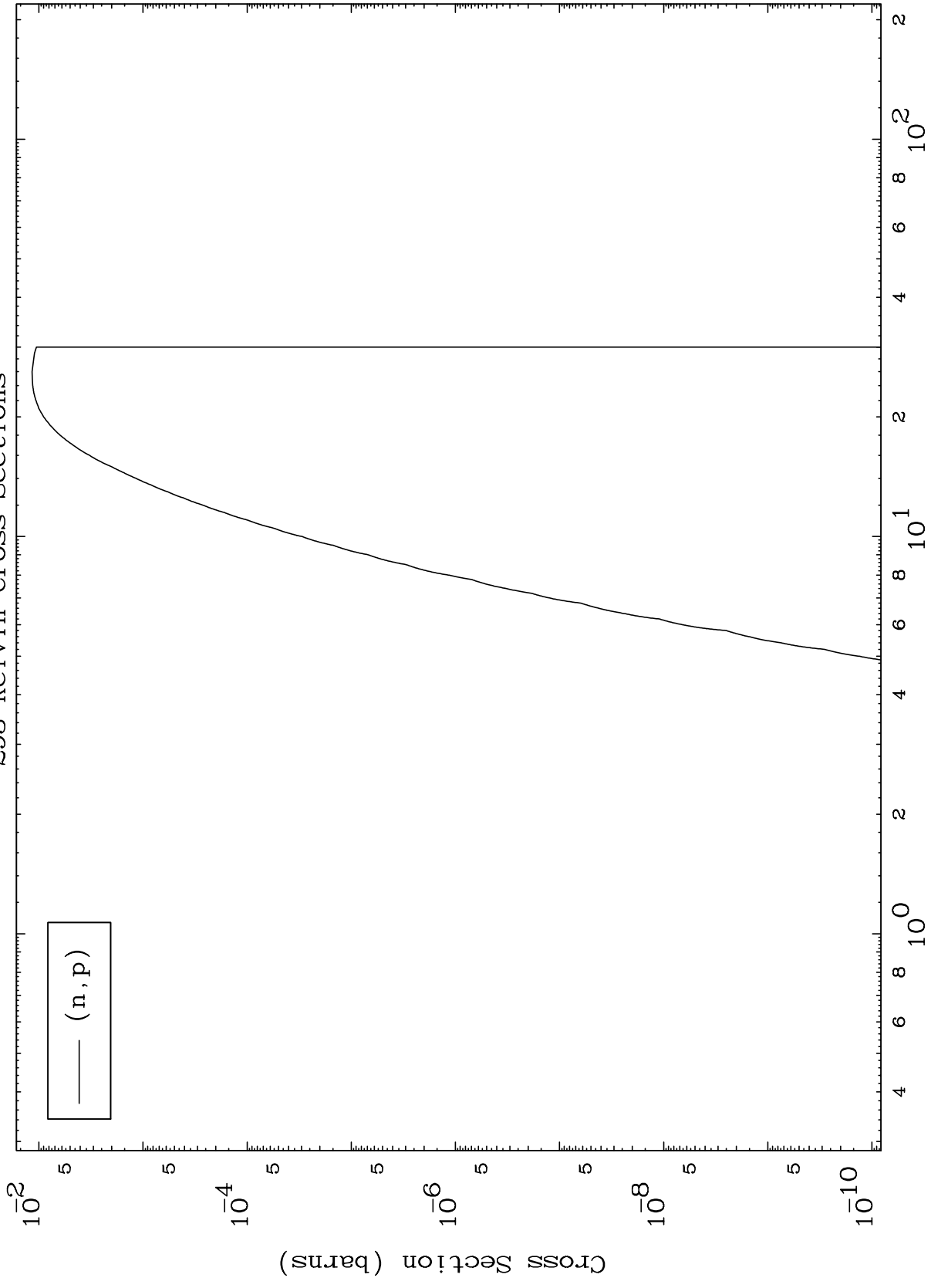
10²

98-Cf-251

MAT 9858

(n,p) Levels
293 Kelvin Cross Sections

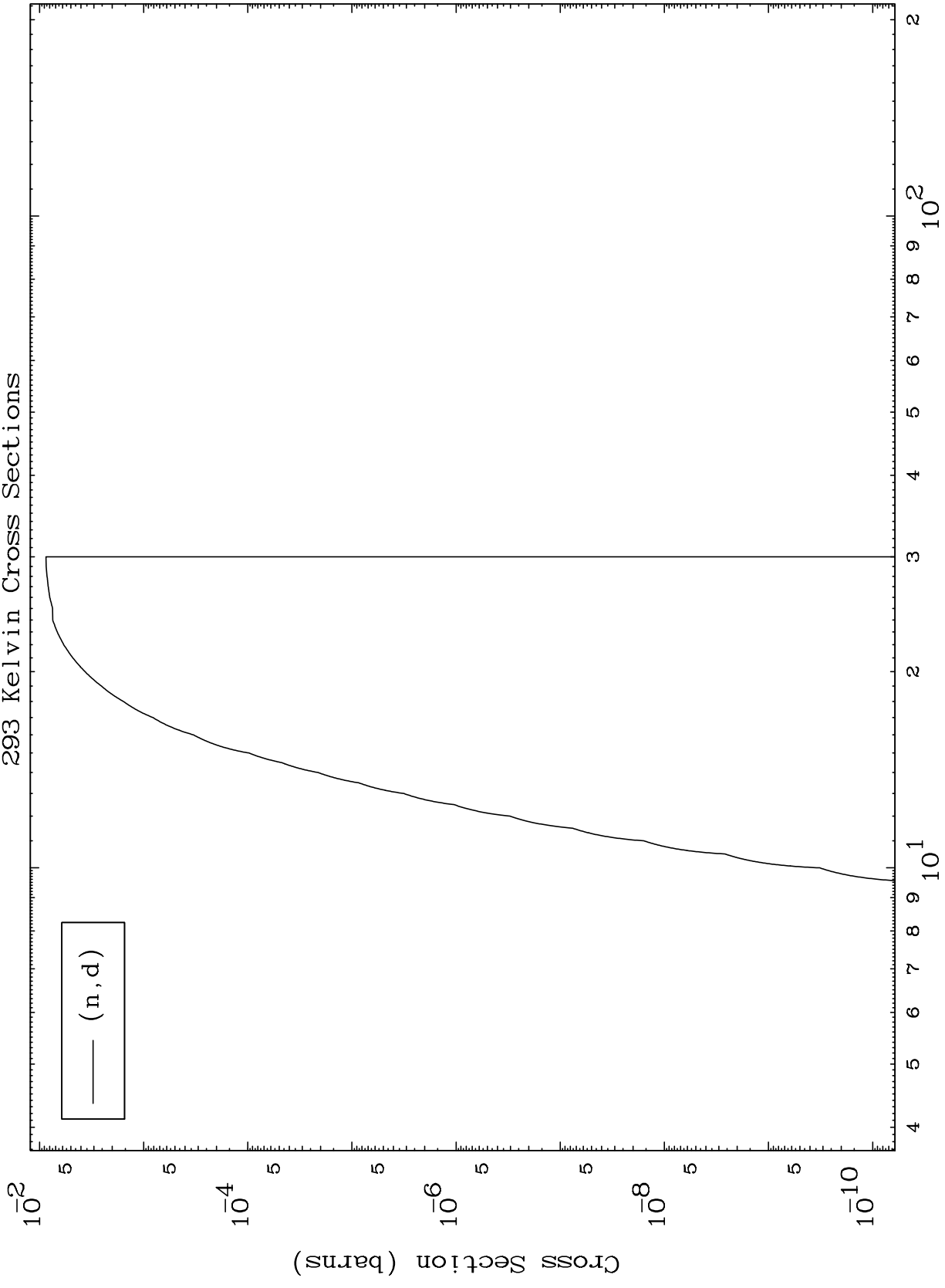
98-Cf-251



MAT 9858

(n,d) Levels
293 Kelvin Cross Sections

98-Cf-251



12

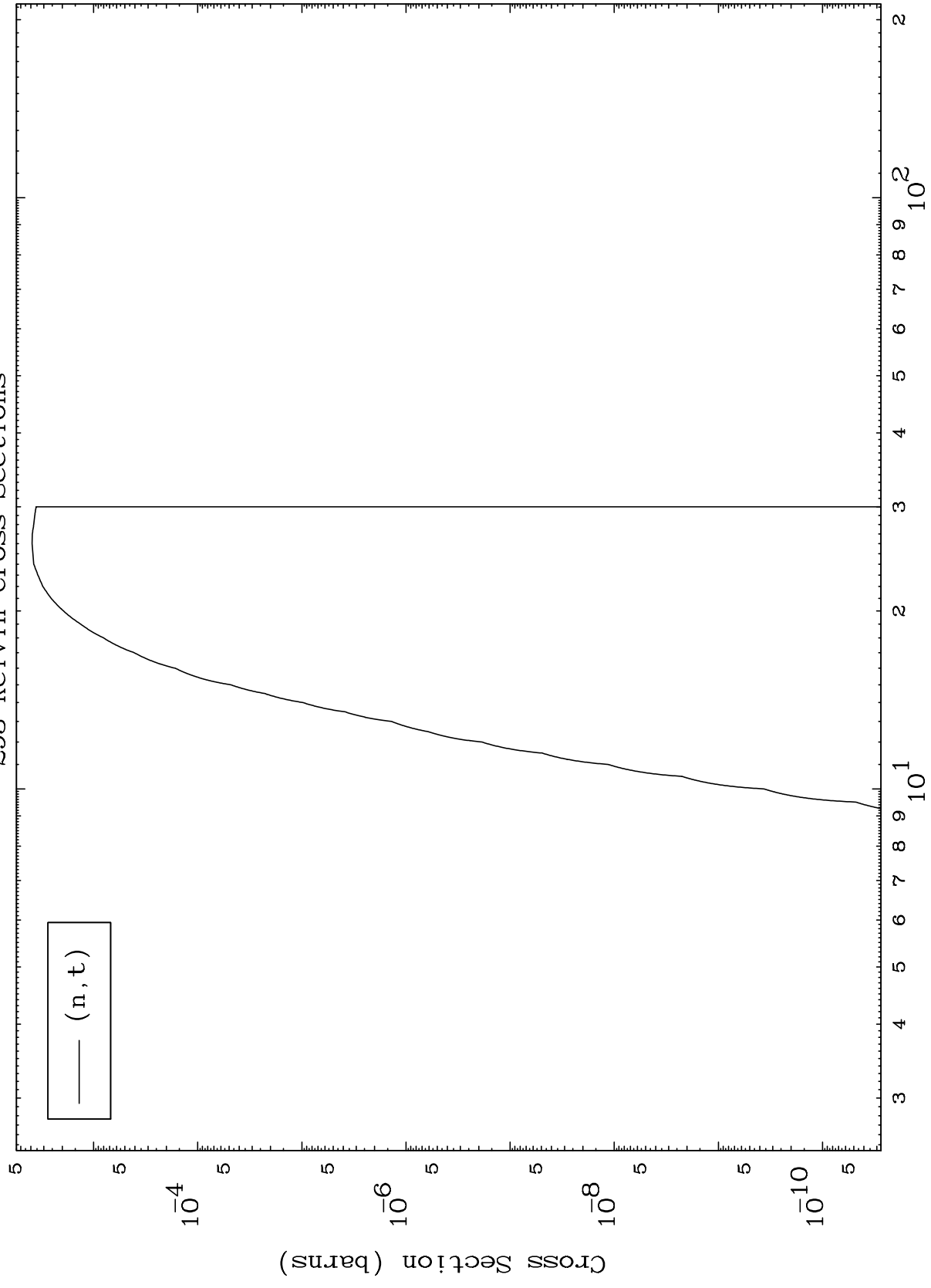
Incident Energy (MeV)

98-Cf-251

MAT 9858

(n,t) Levels
293 Kelvin Cross Sections

98-Cf-251



13

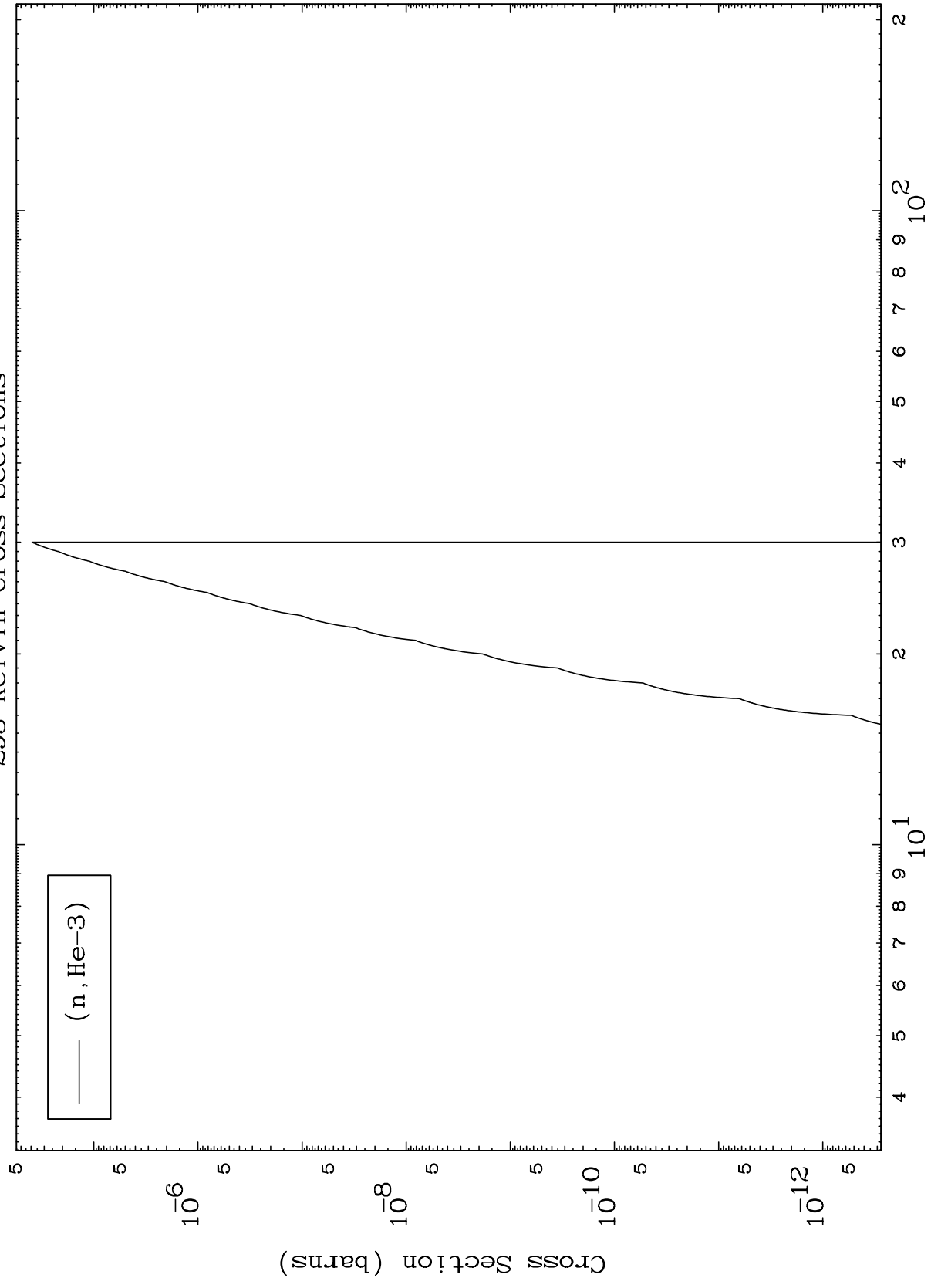
Incident Energy (MeV)

98-Cf-251

MAT 9858

(n,He3) Levels
293 Kelvin Cross Sections

98-Cf-251



14

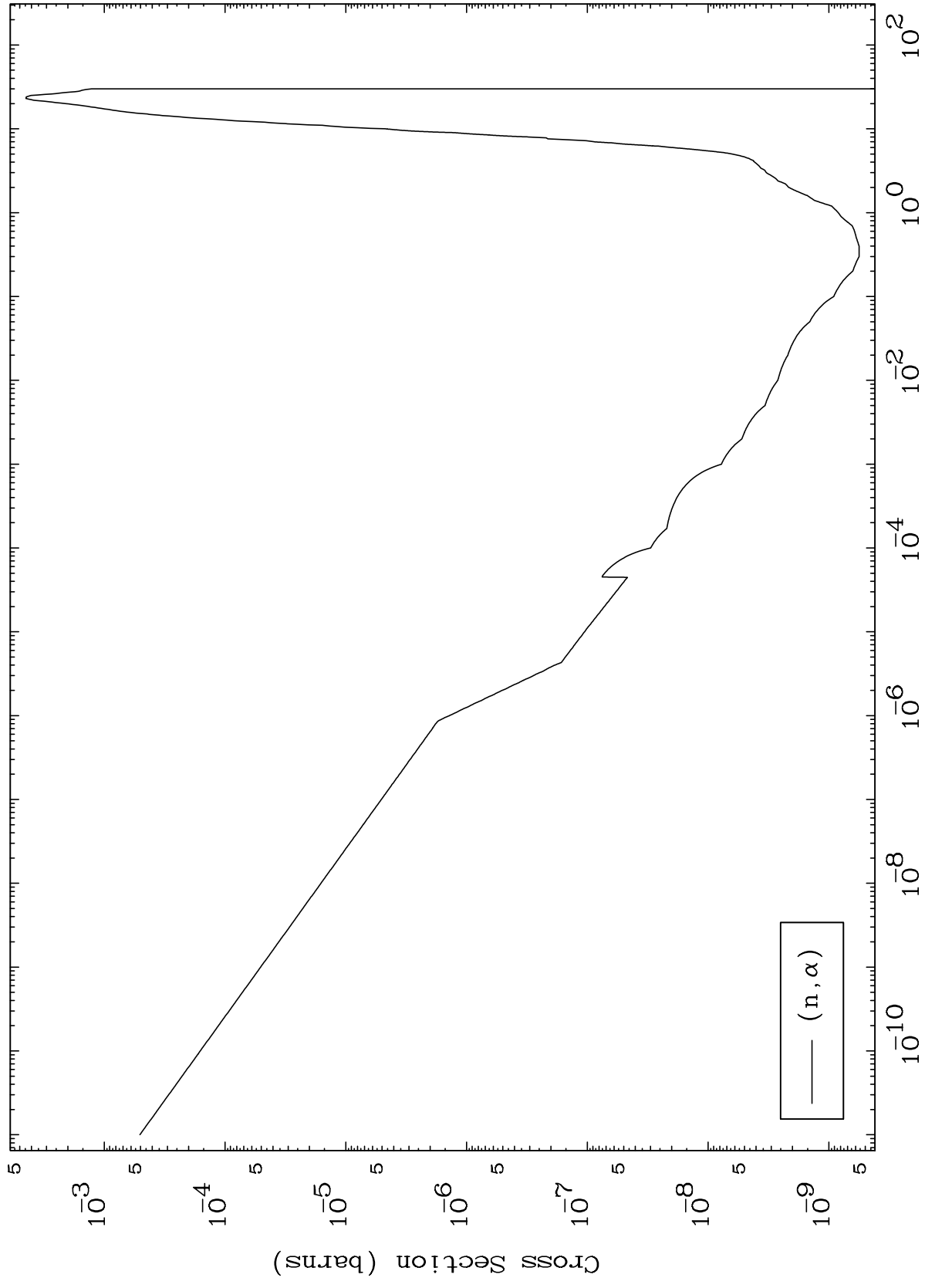
Incident Energy (MeV)

98-Cf-251

MAT 9858

(n,α) Levels
293 Kelvin Cross Sections

98-Cf-251



15

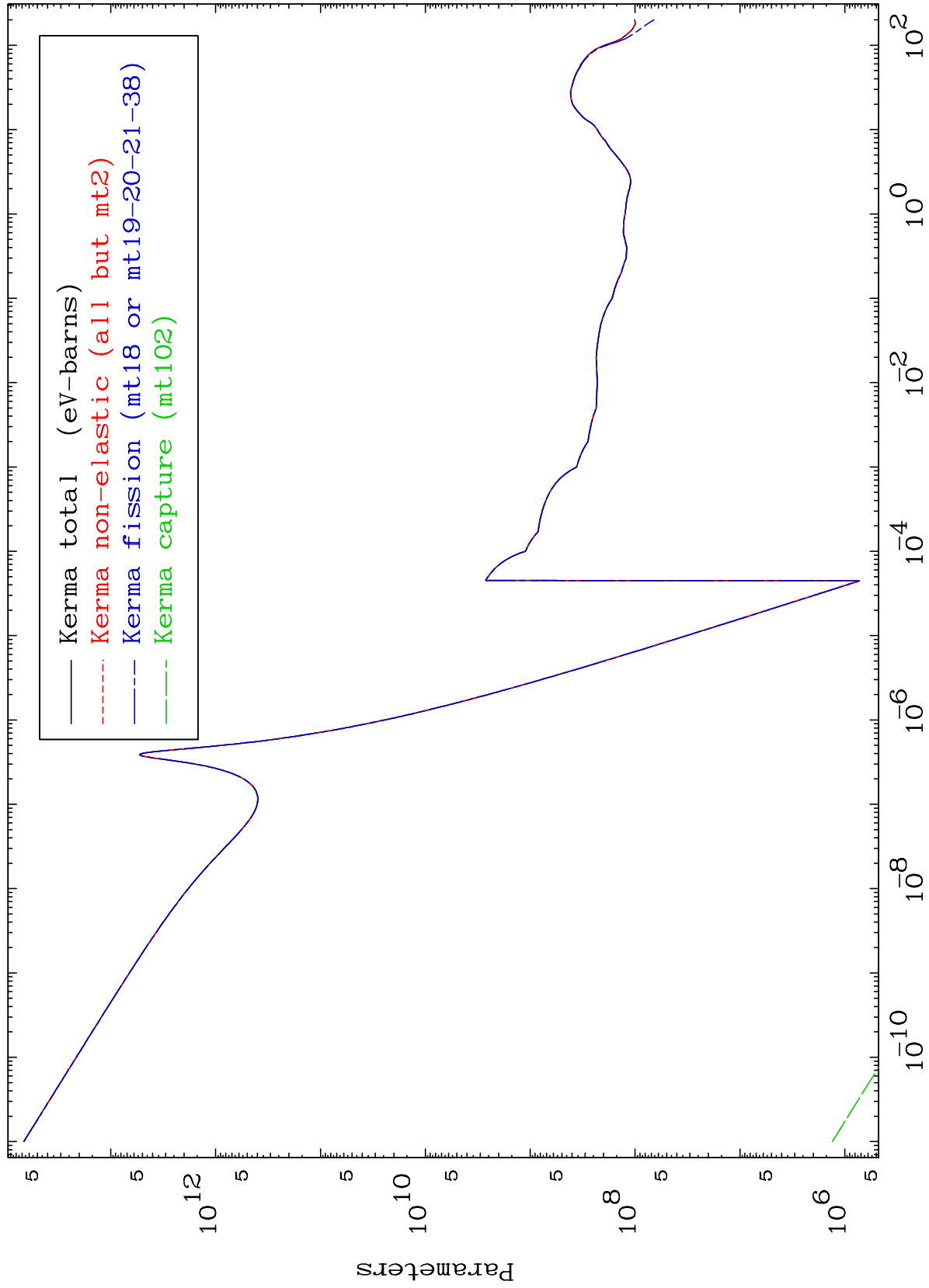
Incident Energy (MeV)

98-Cf-251

MAT 9858

Energy Release
Parameters

98-Cf-251



16

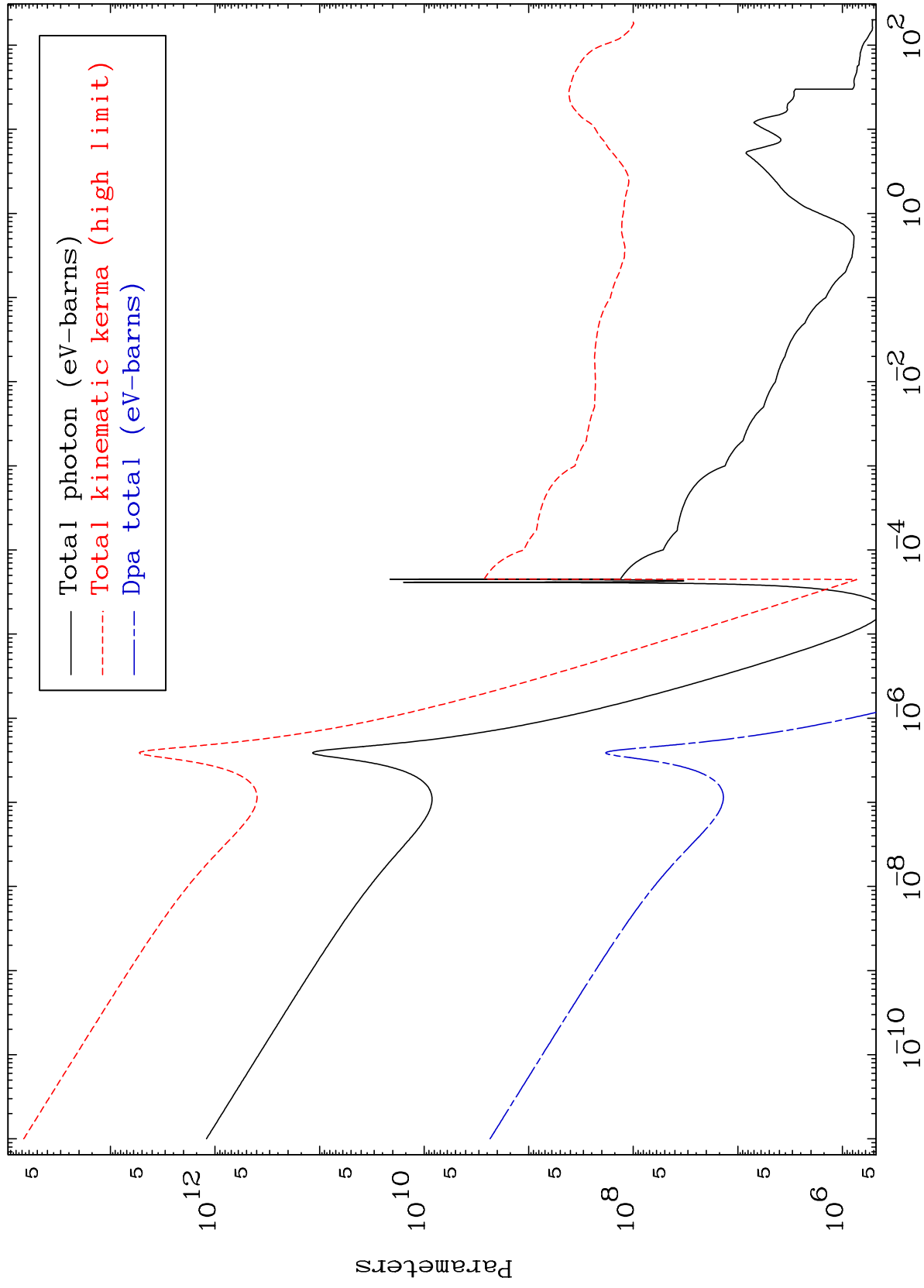
Incident Energy (MeV)

98-Cf-251

MAT 9858

Energy Release
Parameters

98-Cf-251

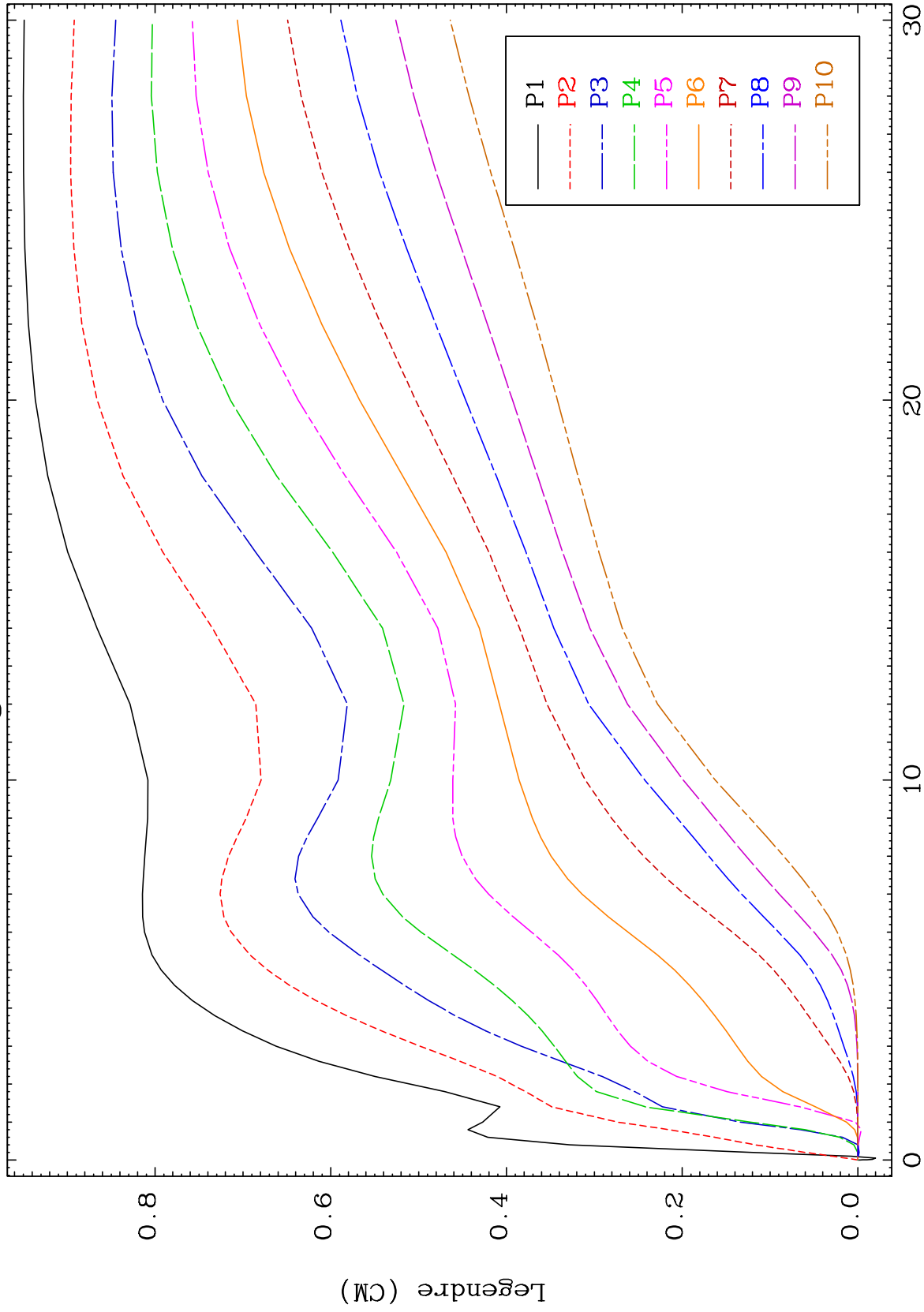


— Total photon (eV-barns)
- - - Total kinematic kerma (high limit)
- · - Dpa total (eV-barns)

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Elastic Legendre Coefficients

98-Cf-251



18

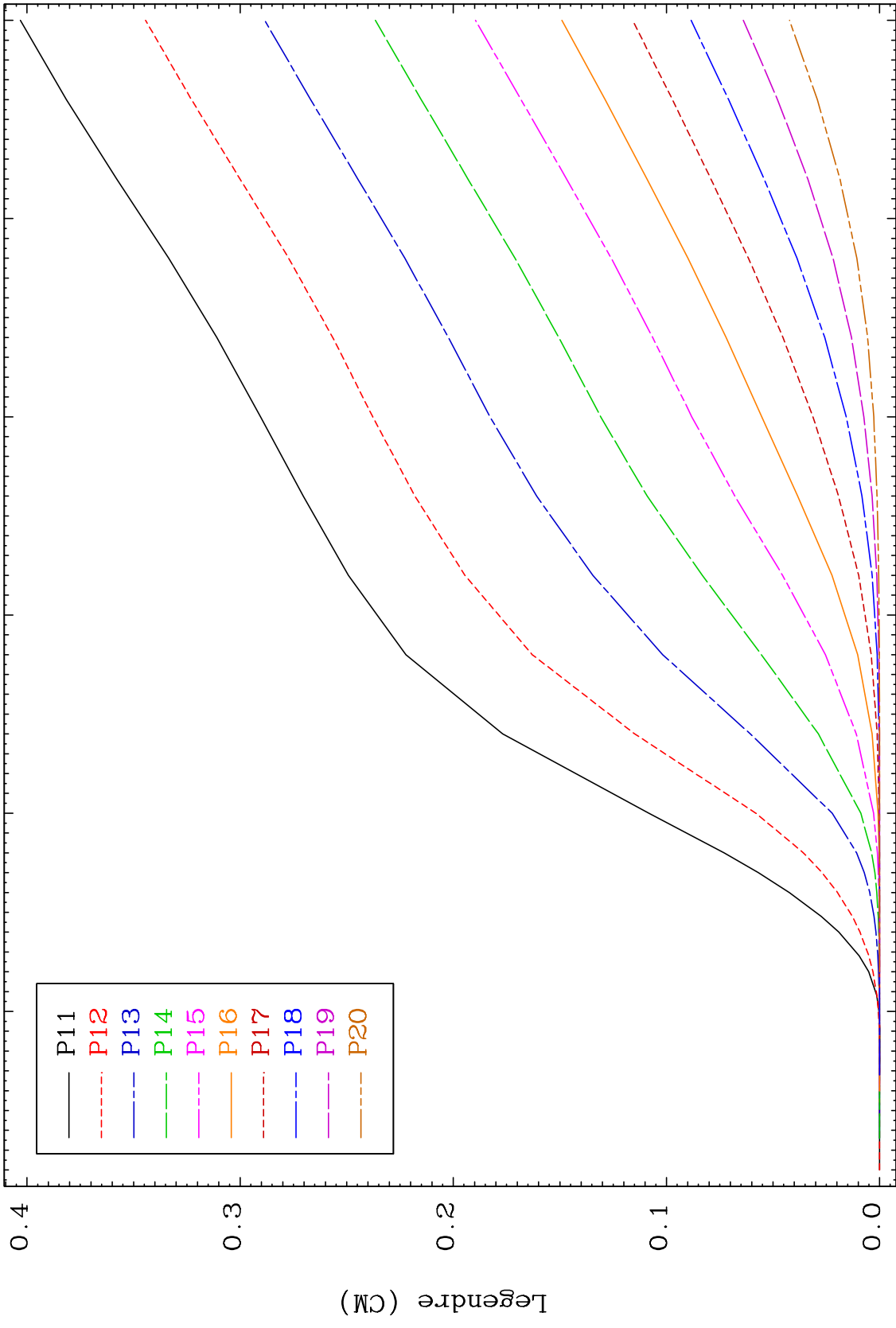
Incident Energy (MeV)

98-Cf-251

MAT 9858

Elastic Legendre Coefficients

98-Cf-251



19

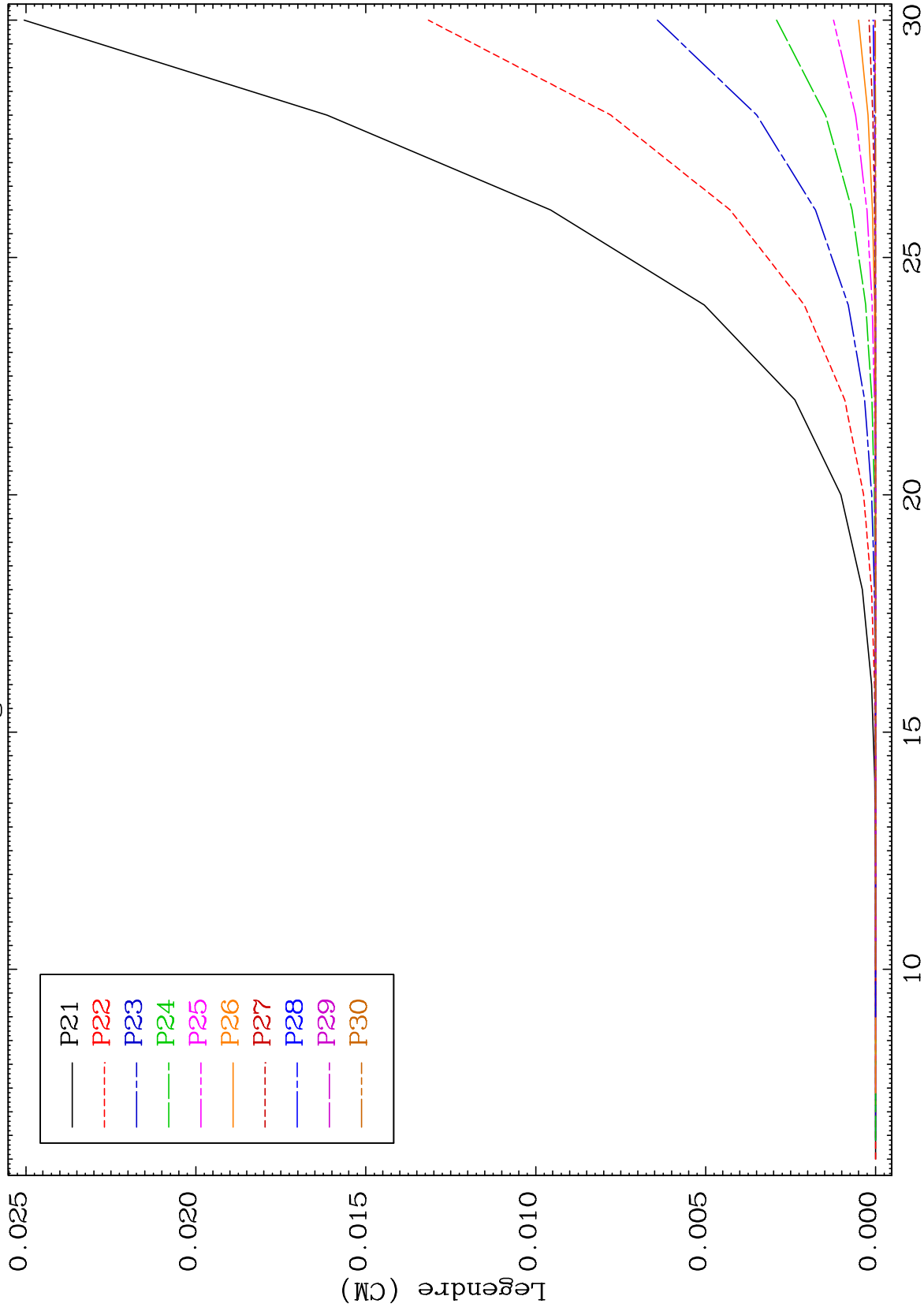
Incident Energy (MeV)

98-Cf-251

MAT 9858

Elastic Legendre Coefficients

98-Cf-251



20

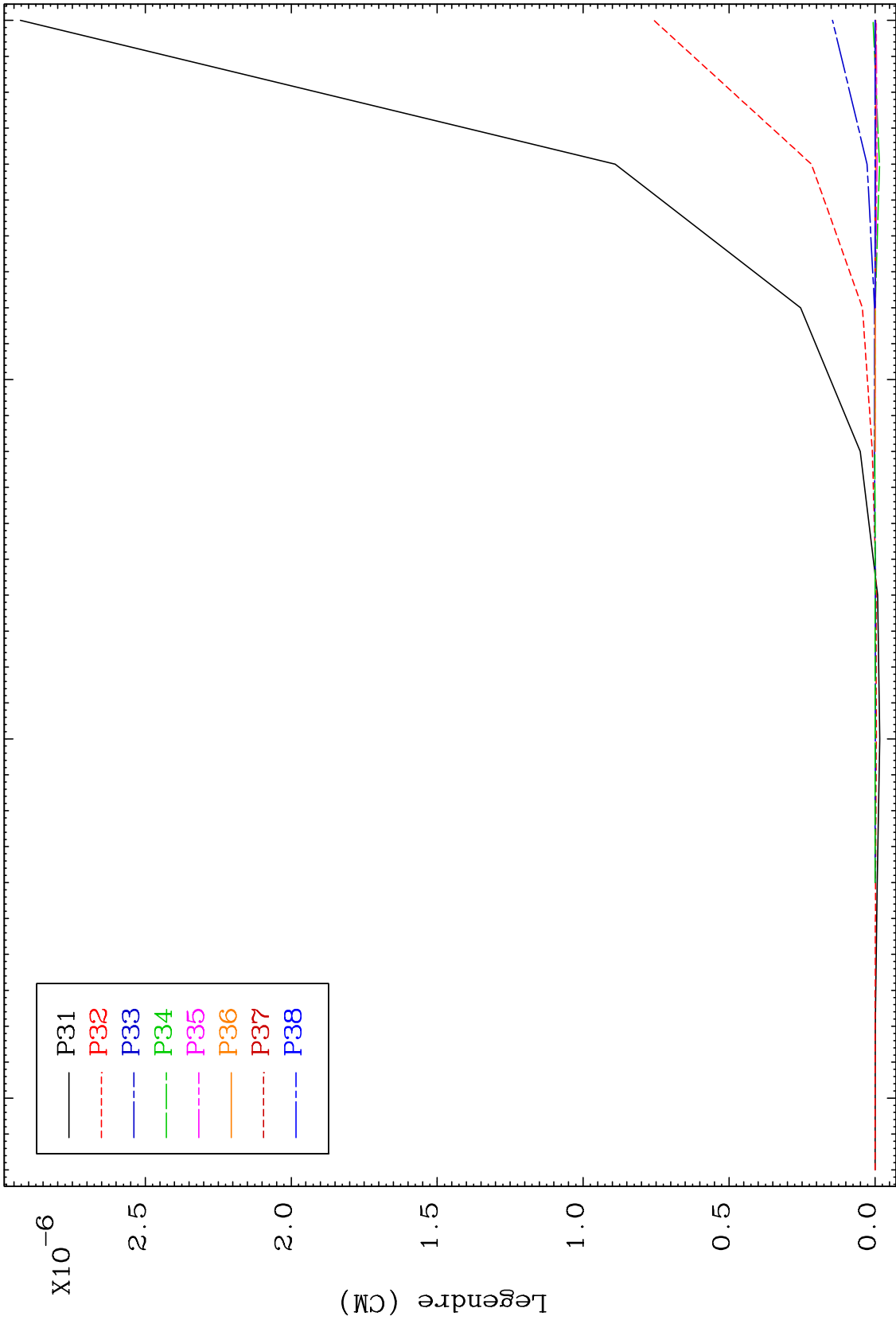
Incident Energy (MeV)

98-Cf-251

MAT 9858

Elastic Legendre Coefficients

98-Cf-251



21

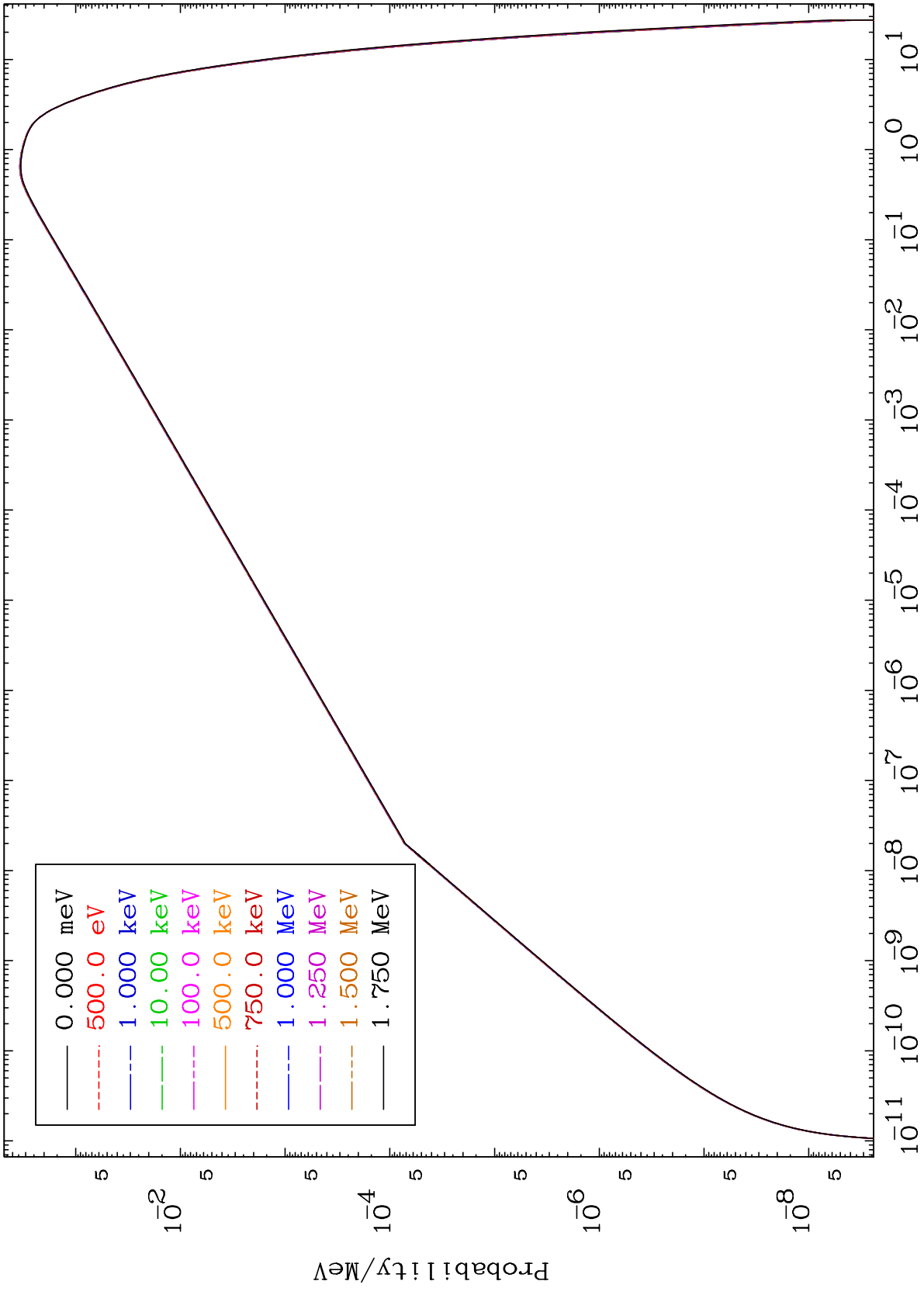
Incident Energy (MeV)

98-Cf-251

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Fission Energy Distribution

98-Cf-251



- 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

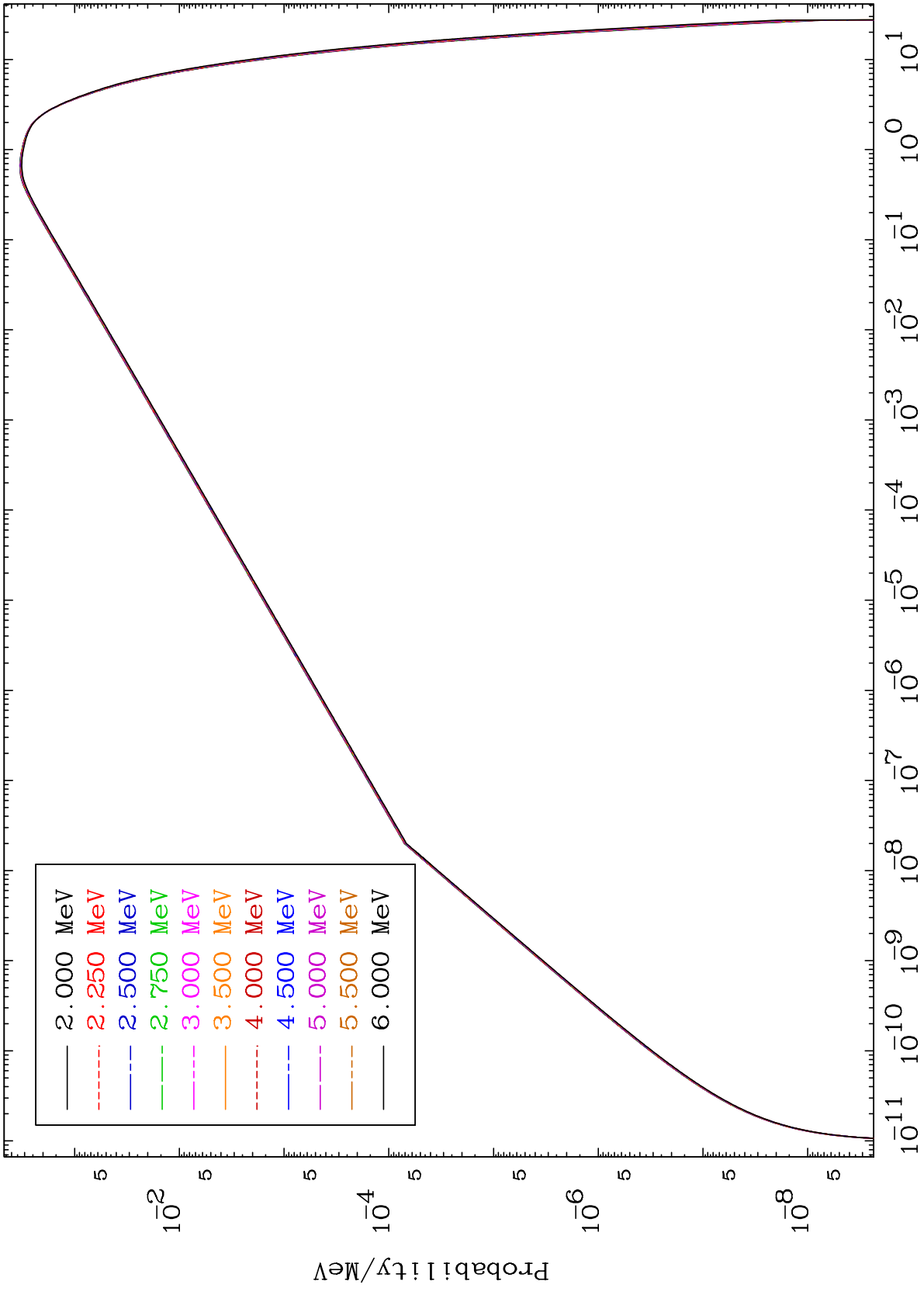
98-Cf-251

Secondary Energy (MeV)

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Fission Energy Distribution

98-Cf-251



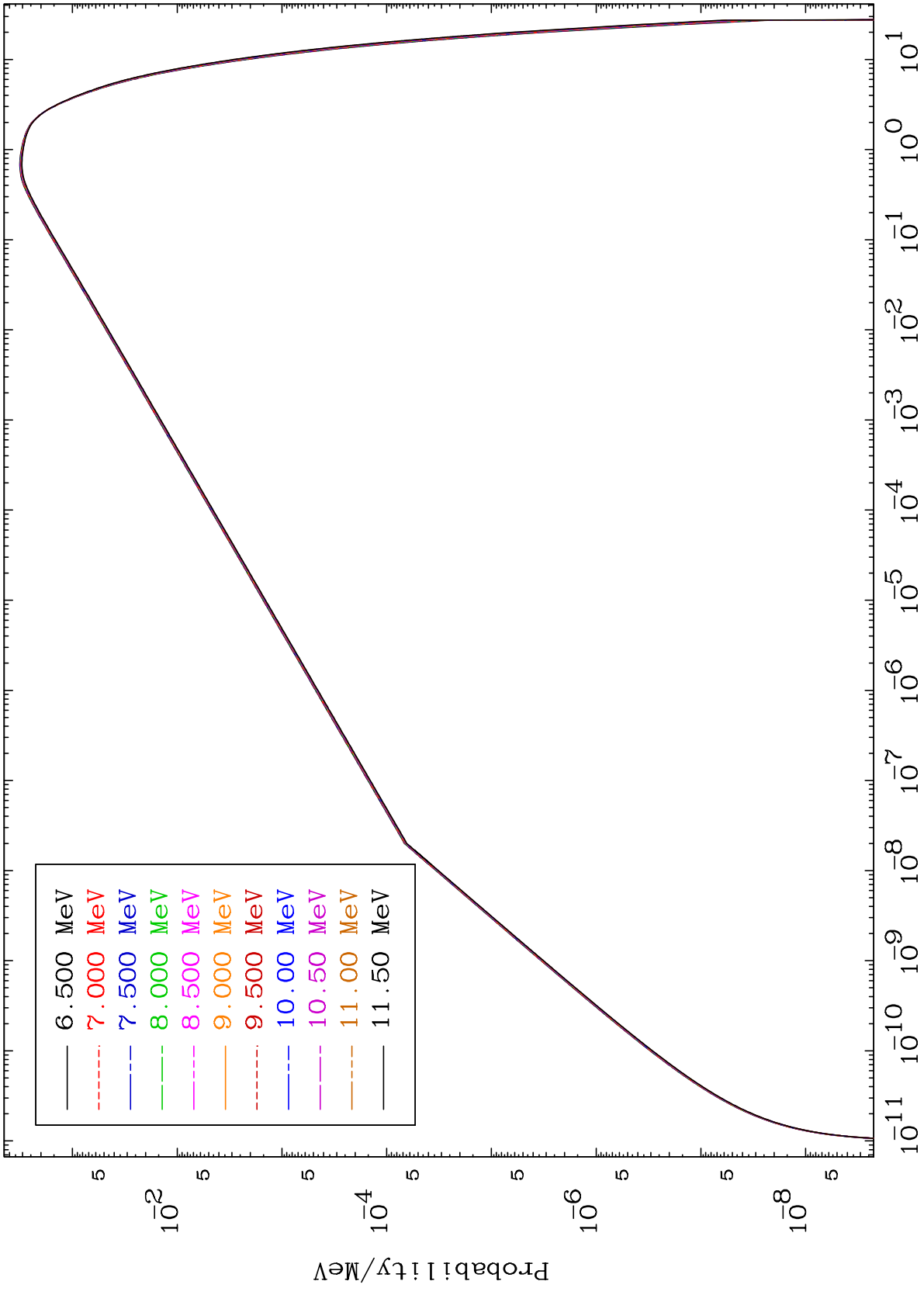
98-Cf-251

Secondary Energy (MeV)

MAT 9858

Fission Energy Distribution

98-Cf-251



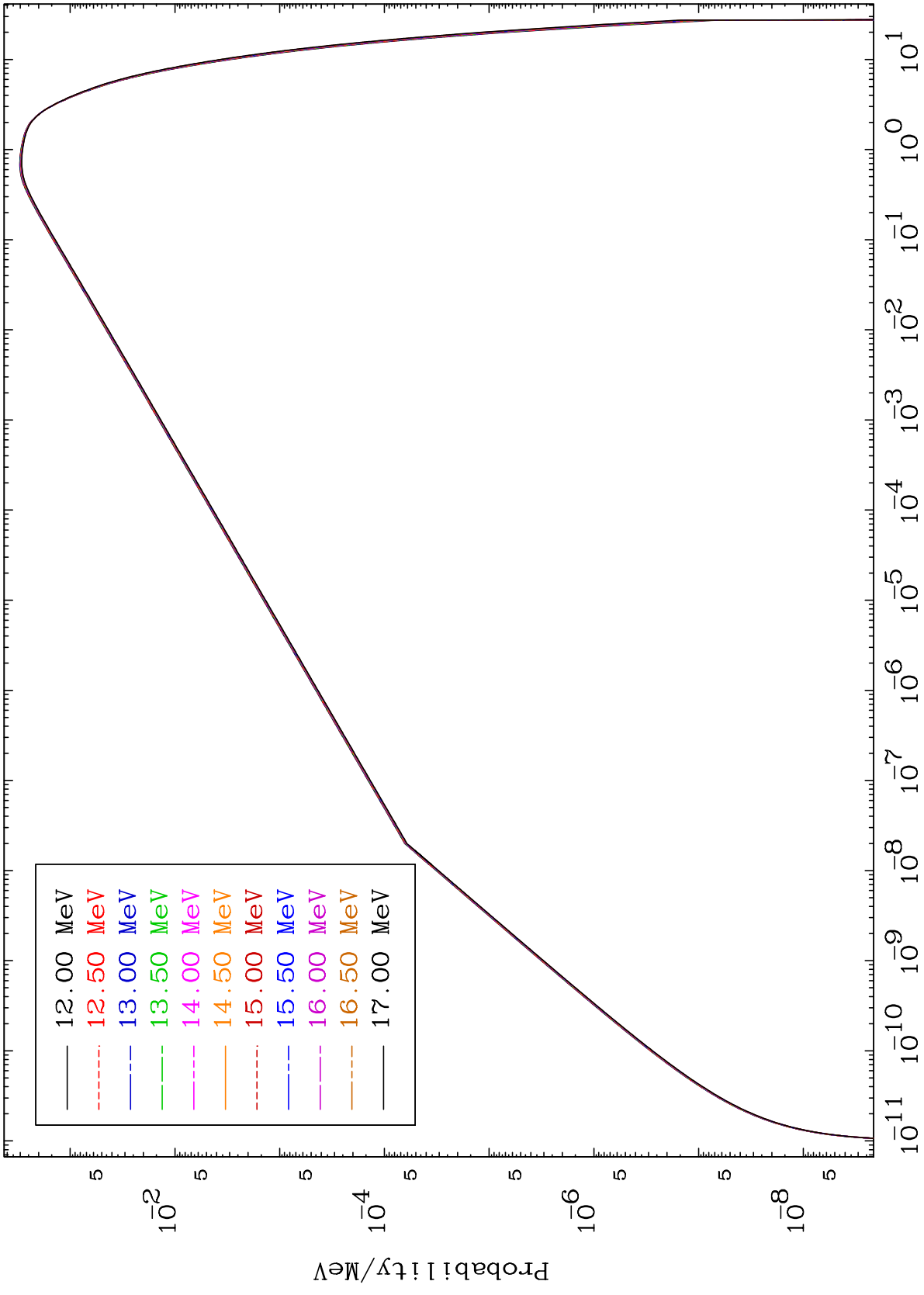
98-Cf-251

Secondary Energy (MeV)

MAT 9858

Fission Energy Distribution

98-Cf-251

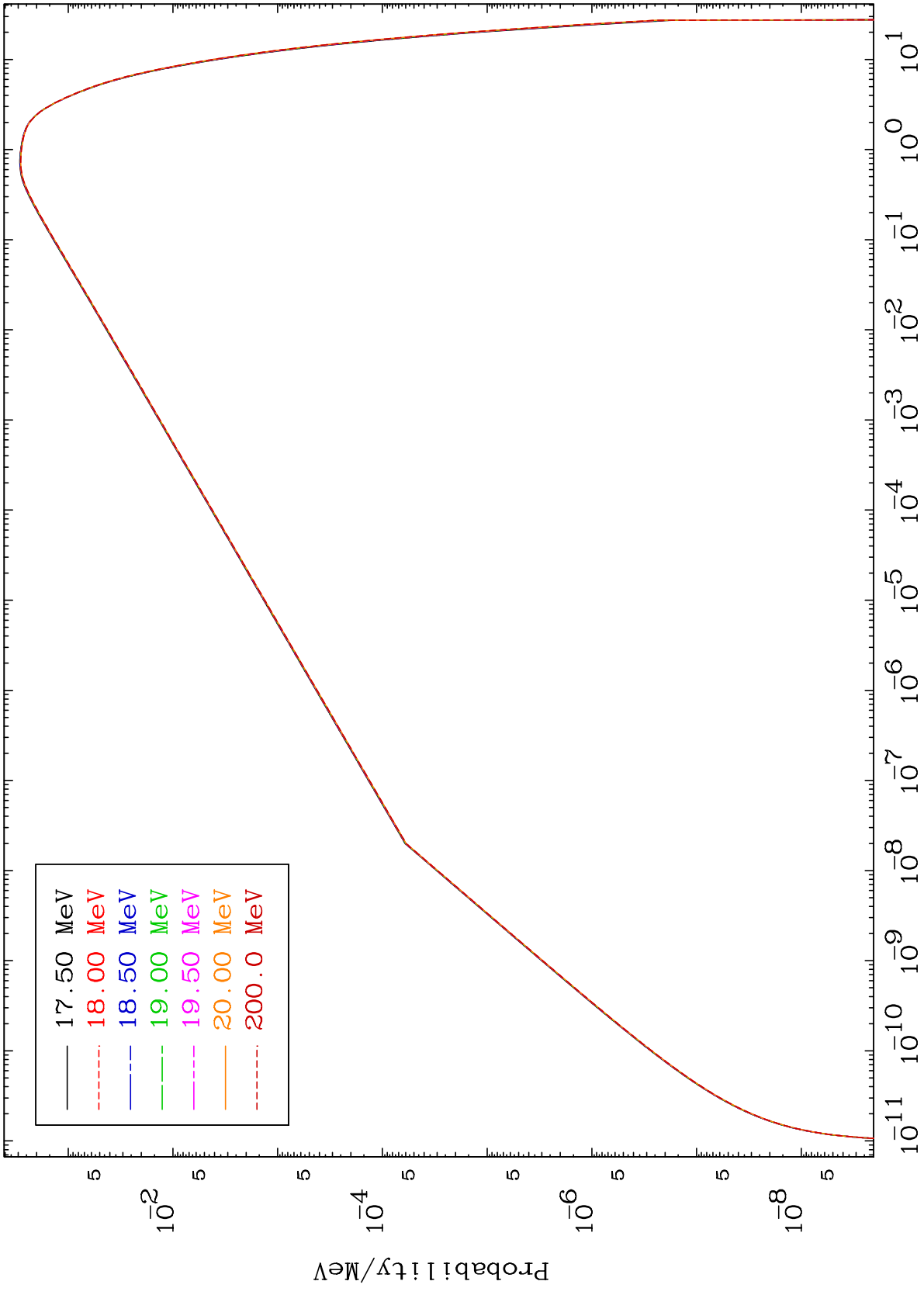


98-Cf-251

MAT 9858

Fission
Energy Distribution

98-Cf-251



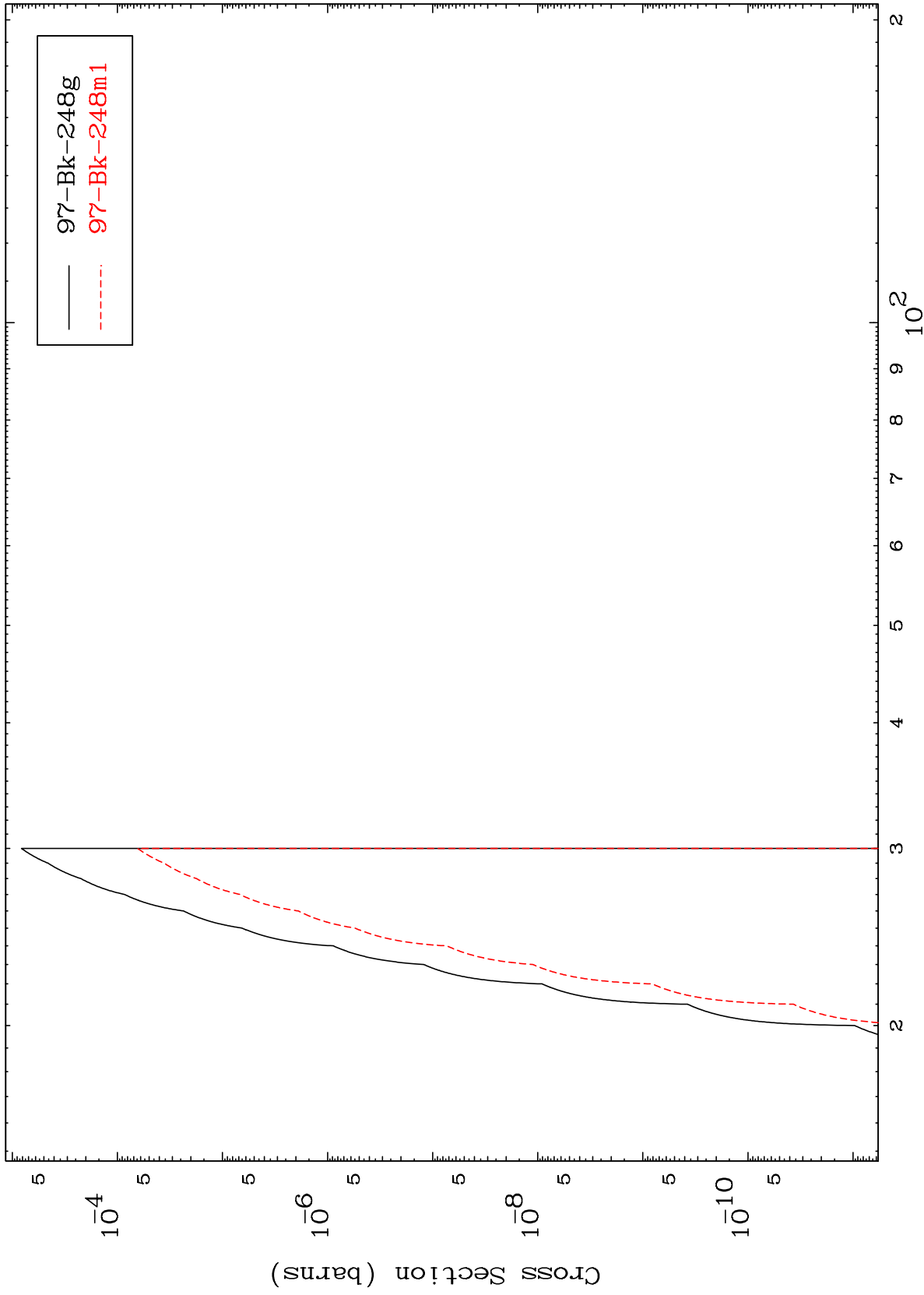
98-Cf-251

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(n,2n) d

98-Cf-251

Radionuclide Production Cross Section



27

Incident Energy (MeV)

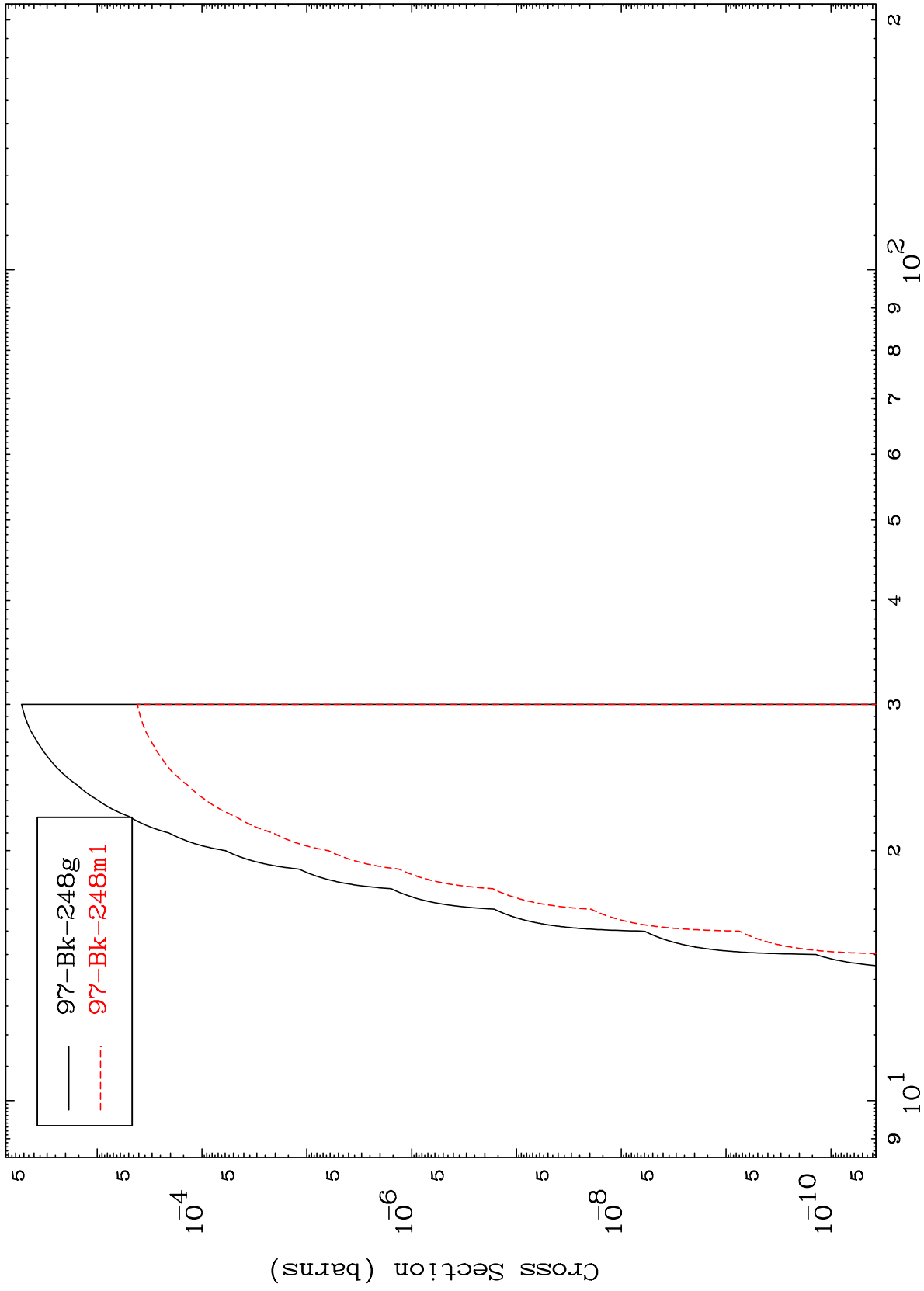
98-Cf-251

MAT 9858

(n,n') t

98-Cf-251

Radionuclide Production Cross Section



28

Incident Energy (MeV)

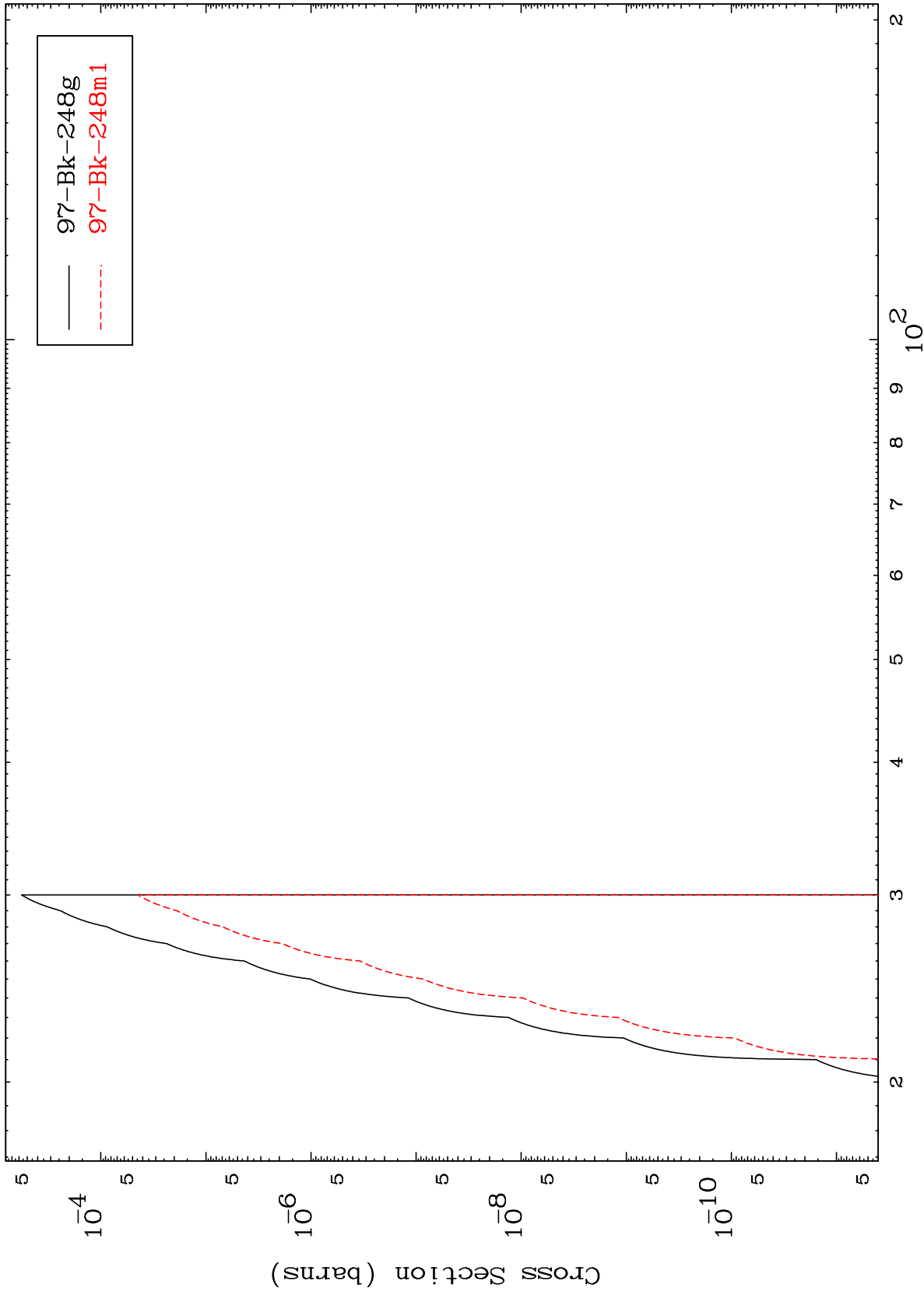
98-Cf-251

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(n,3n) p

98-Cf-251

Radionuclide Production Cross Section



29

Incident Energy (MeV)

98-Cf-251