

Program EVALPLOT
(Version 2021-1)

by

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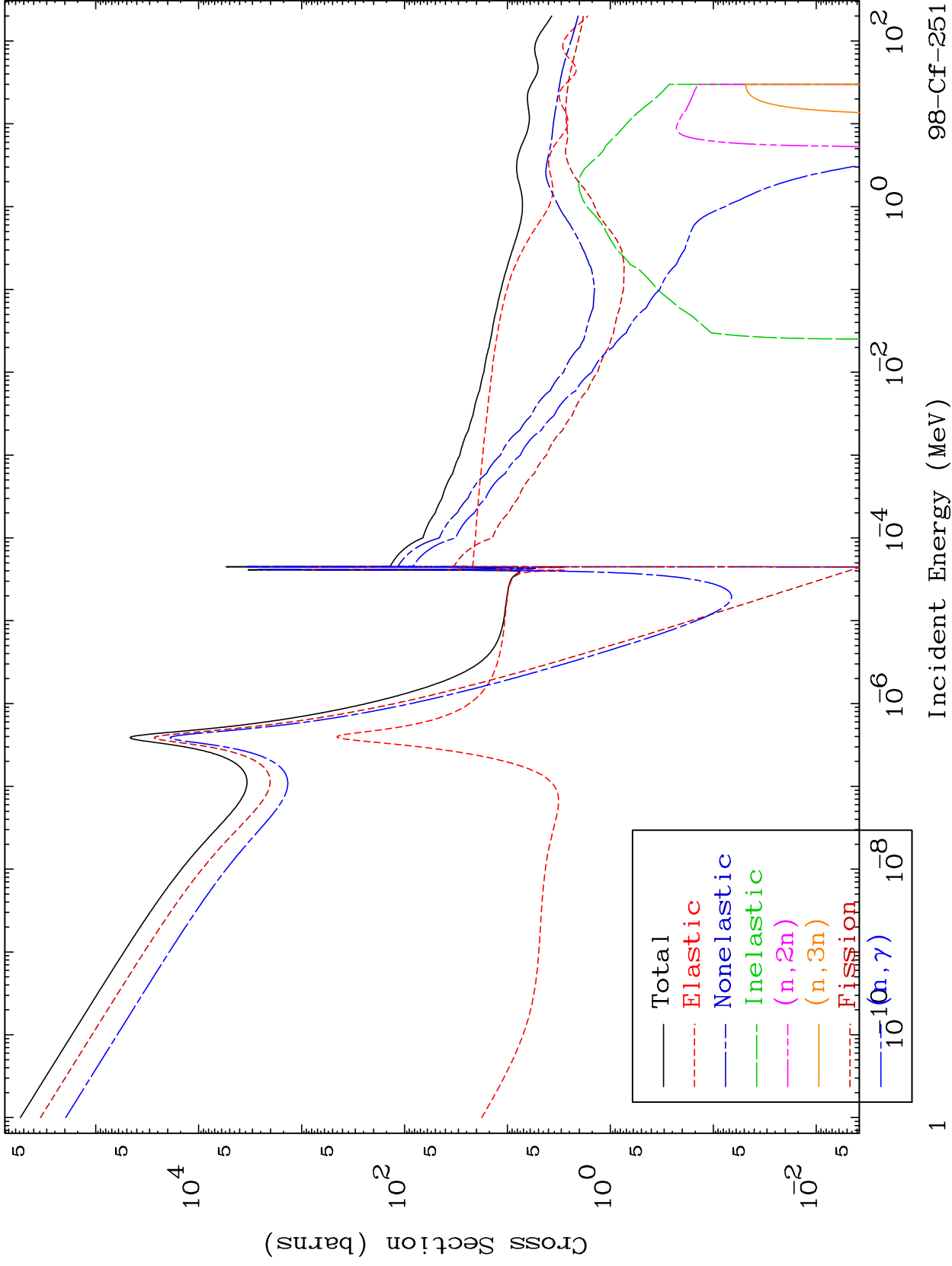
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Press Mouse Button to Start

MAT 9858

Neutron Major
293 Kelvin Cross Sections

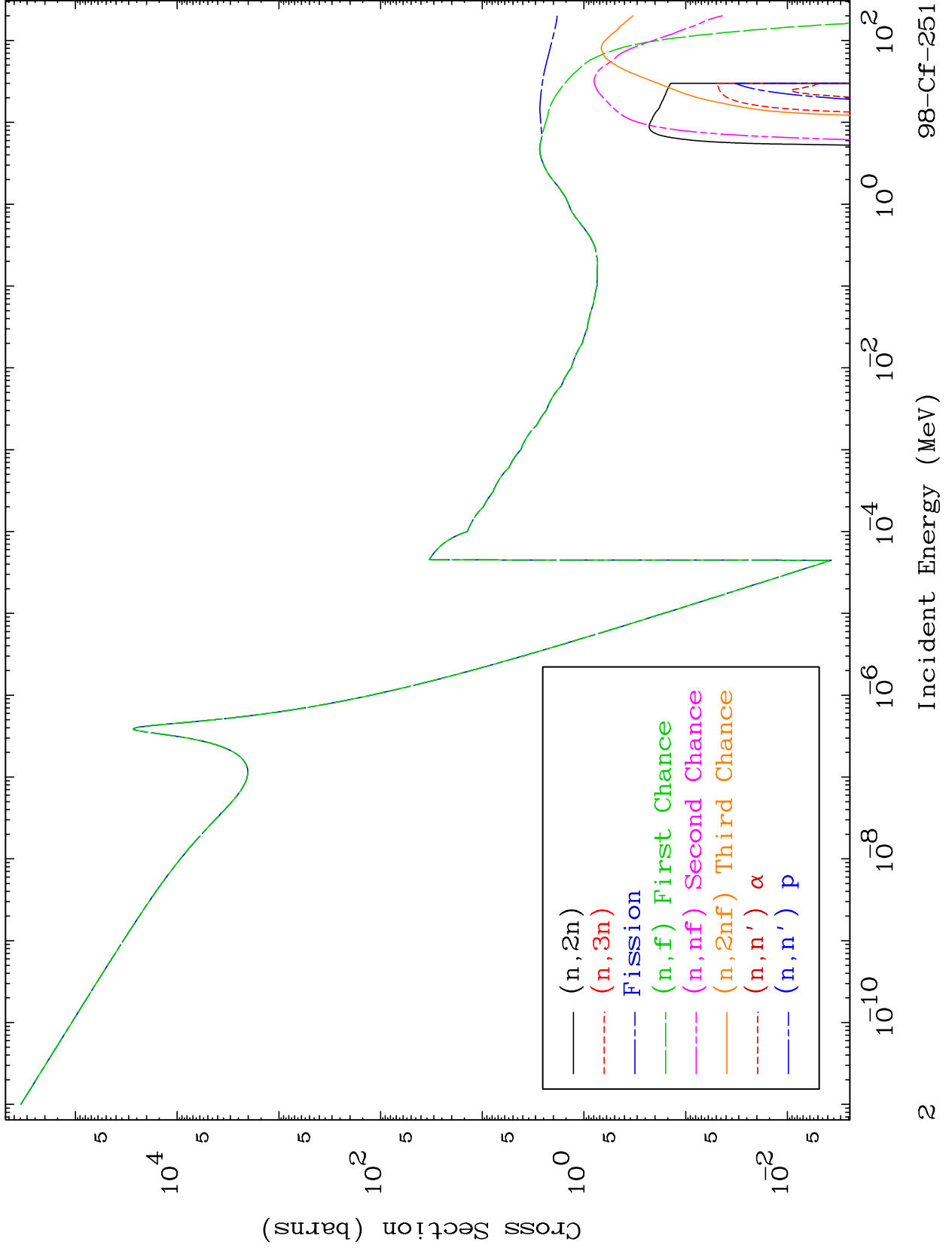
98-Cf-251

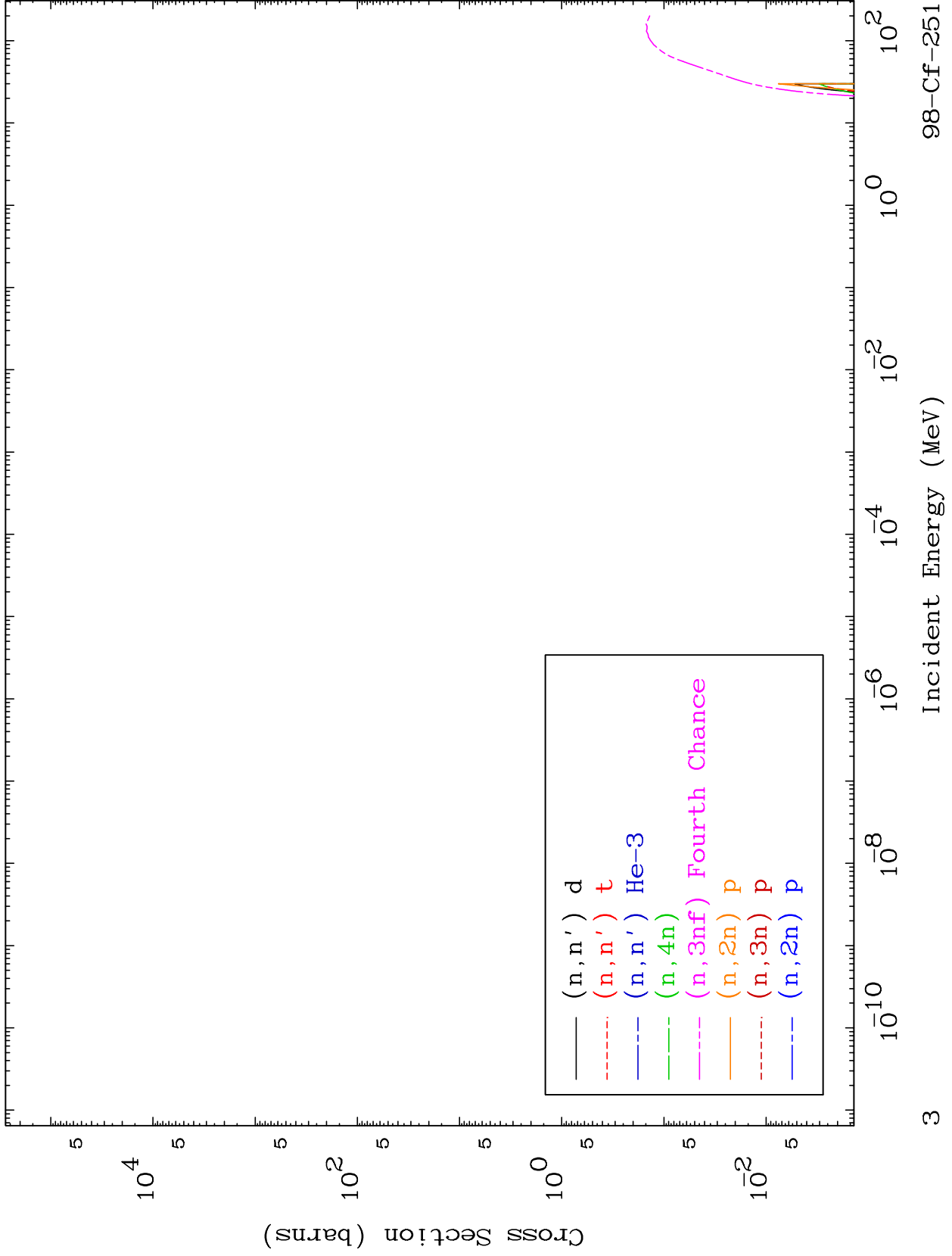


MAT 9858

Neutron Absorption
293 Kelvin Cross Sections

98-Cf-251

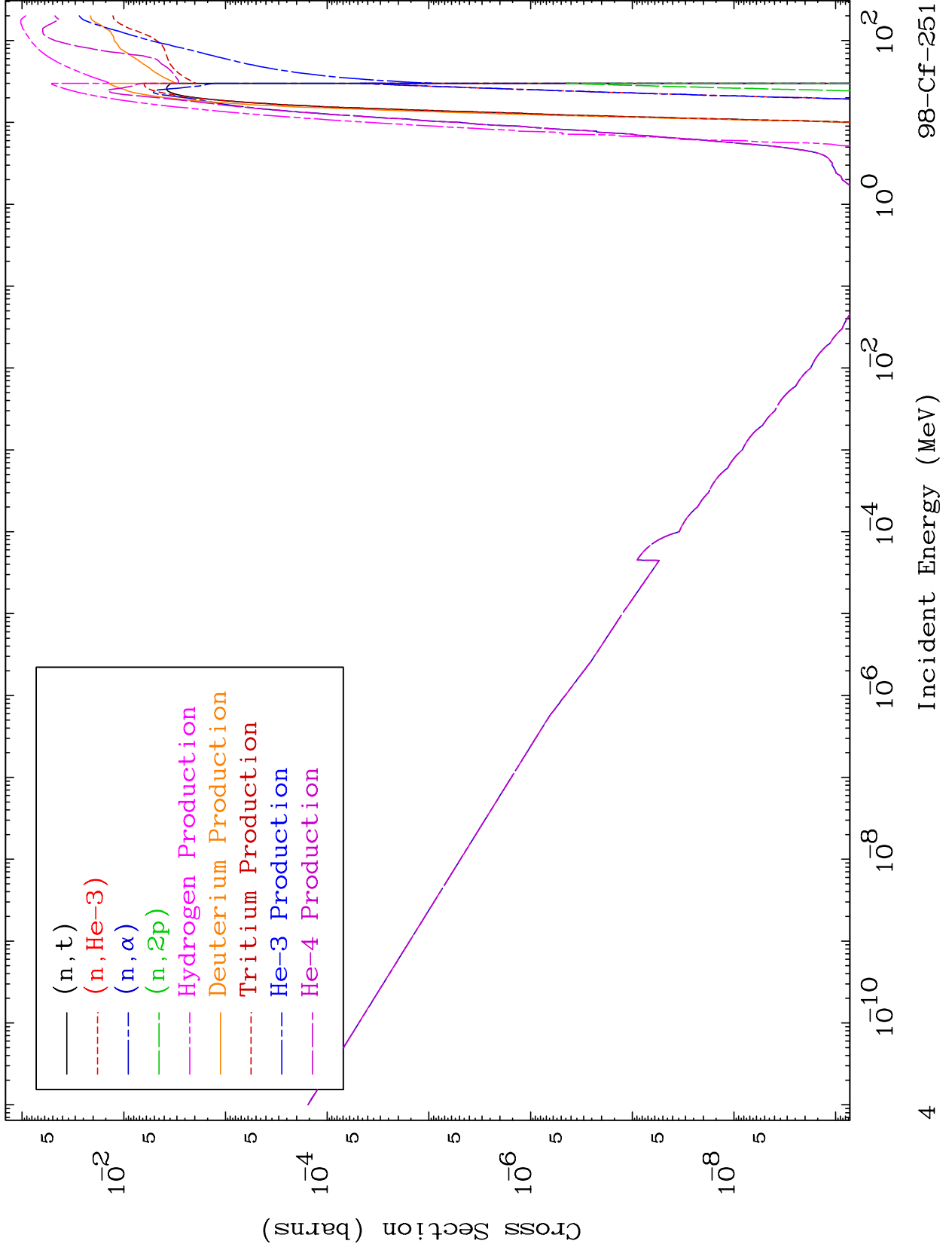




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Neutron Absorption
293 Kelvin Cross Sections

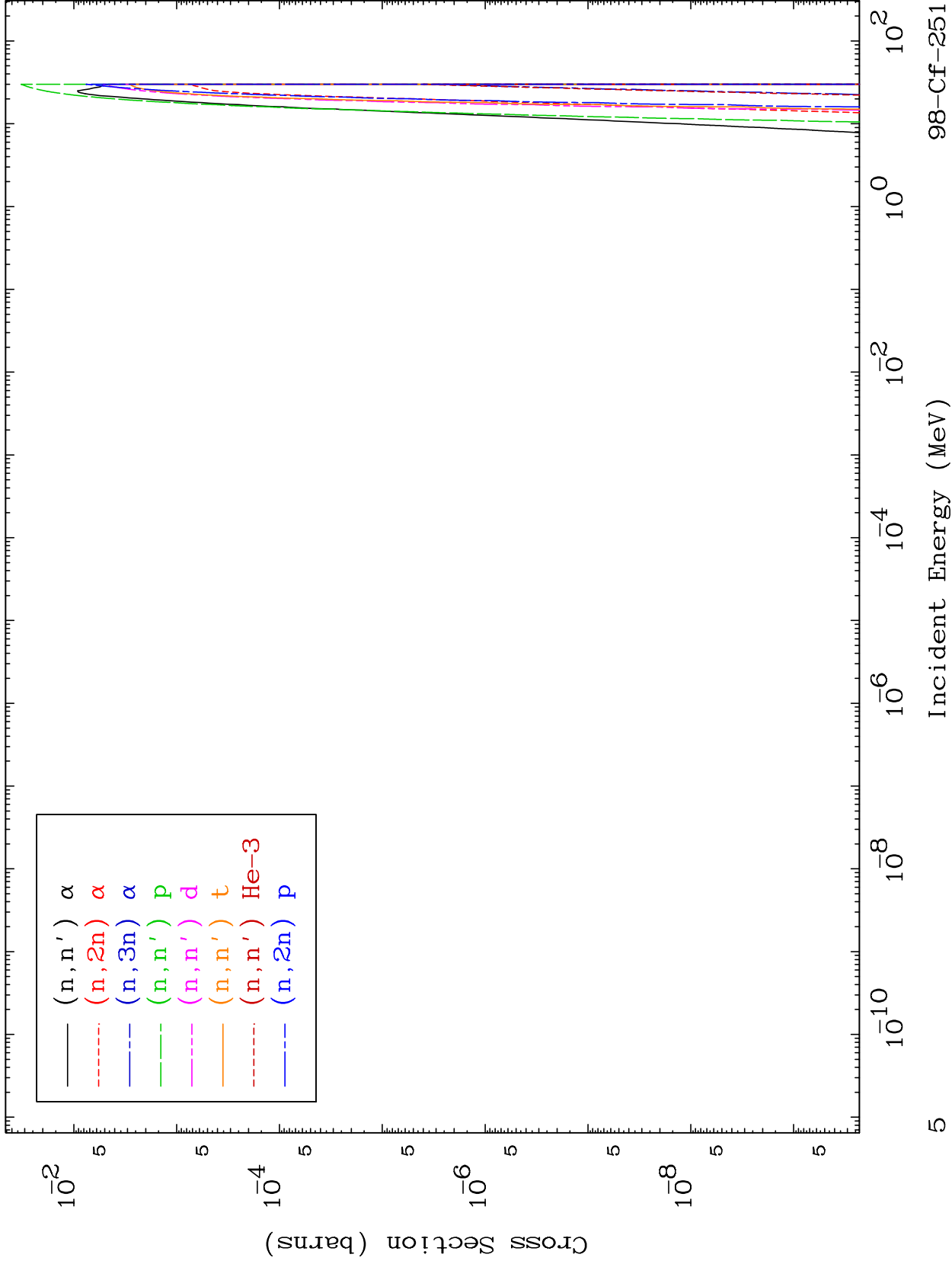
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Charged Particle
293 Kelvin Cross Sections

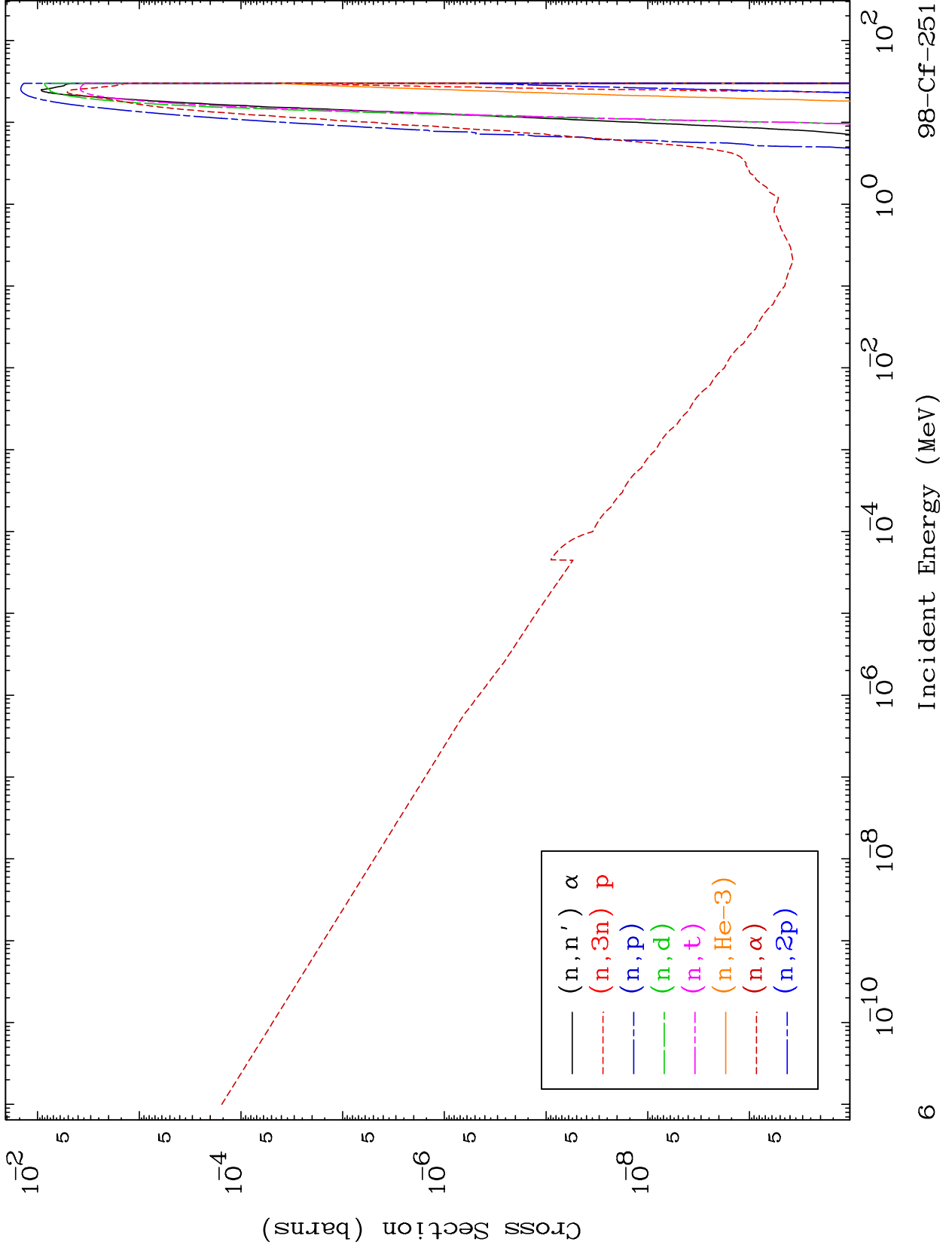
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MAT 9858

Charged Particle
293 Kelvin Cross Sections

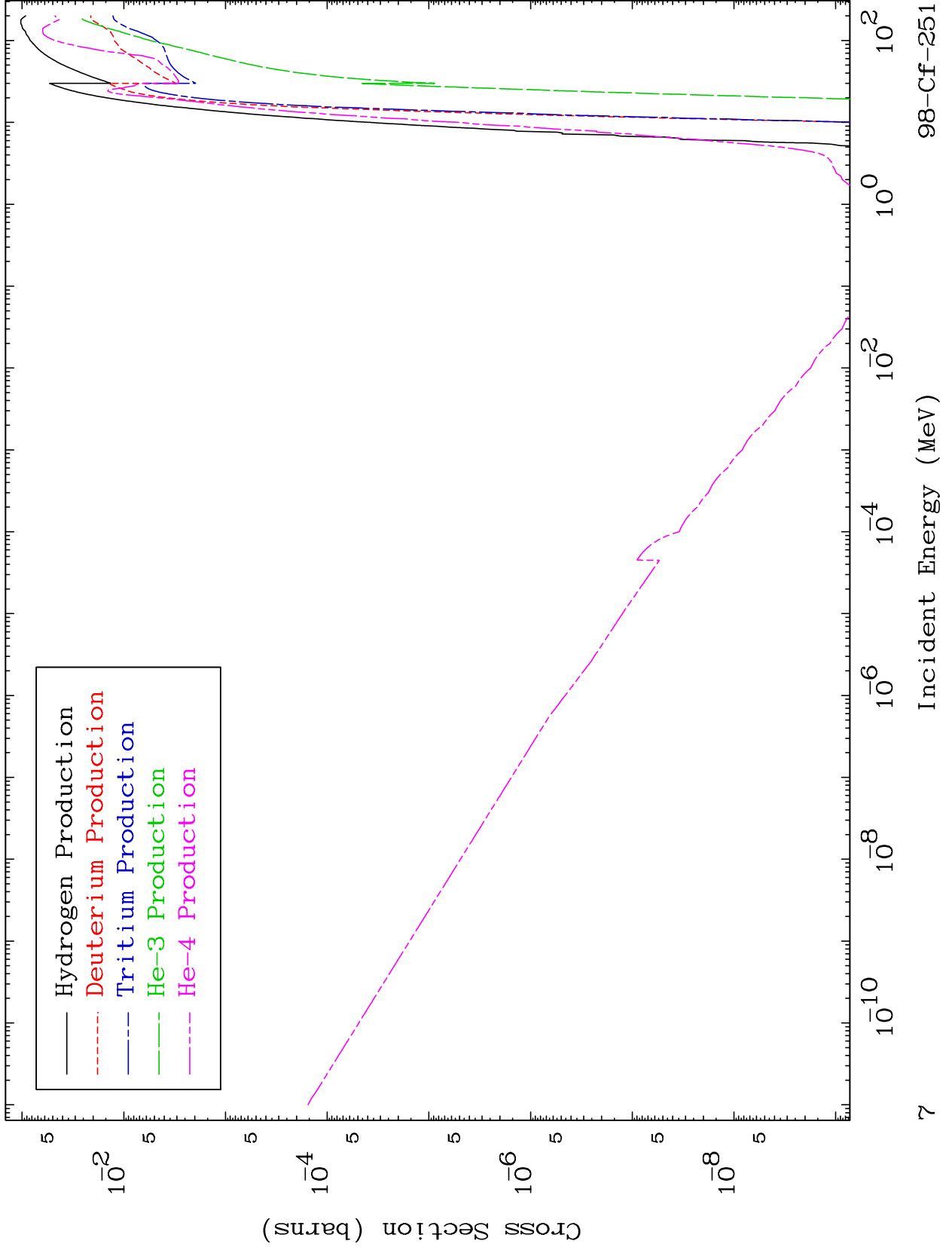
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Particle Production
293 Kelvin Cross Sections

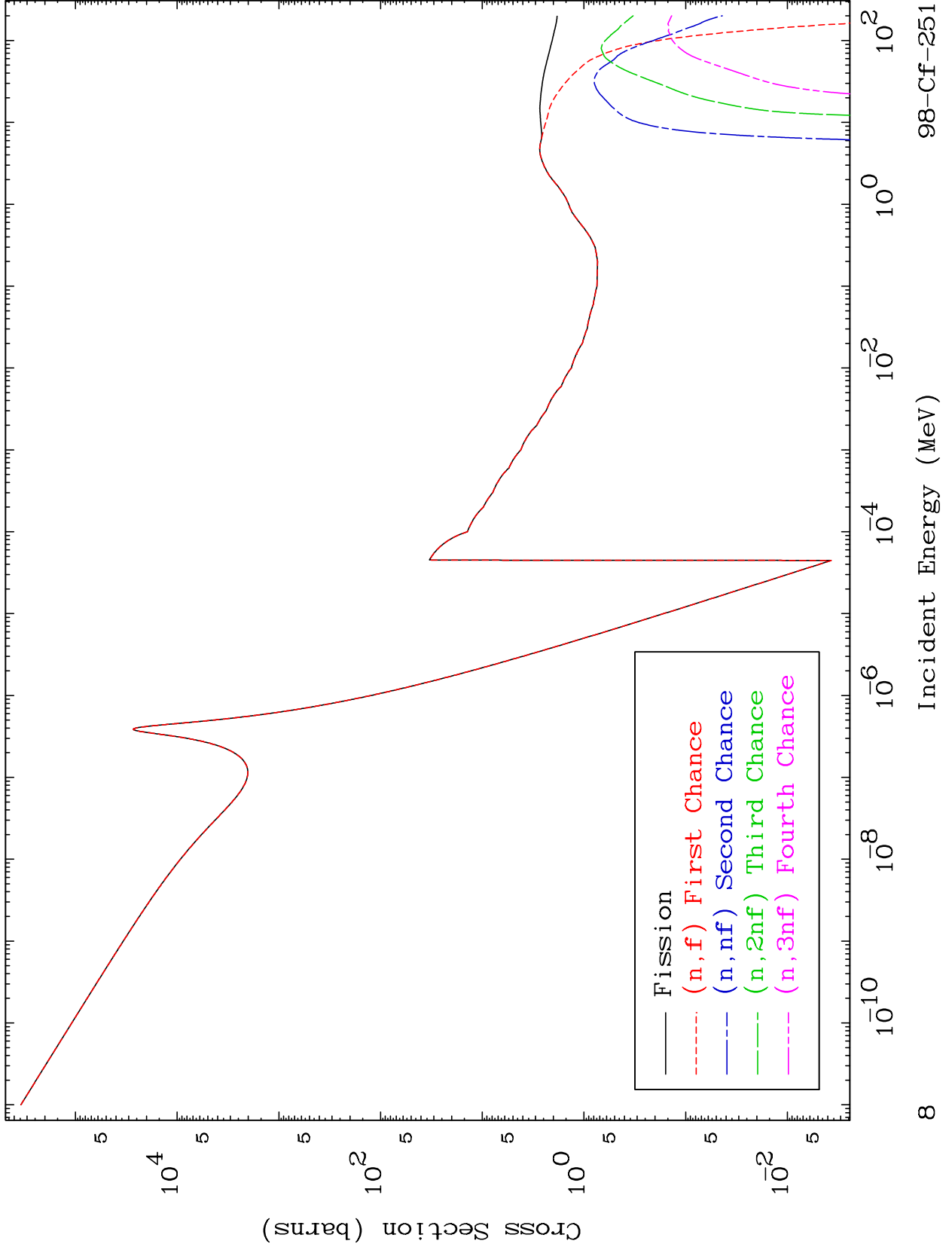
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Fission
293 Kelvin Cross Sections

98-Cf-251

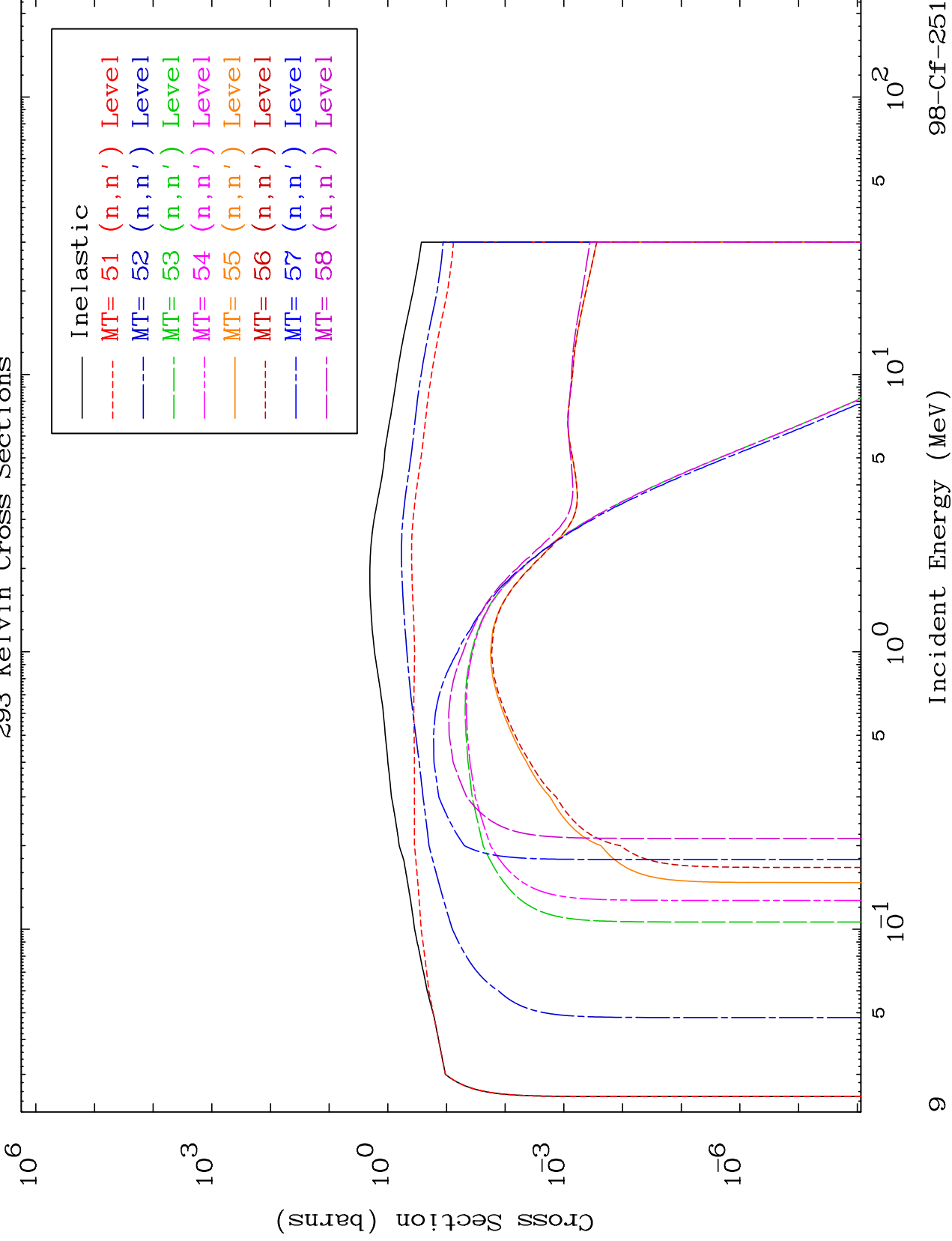


MAT 9858

(n,n') Levels

98-Cf-251

293 Kelvin Cross Sections

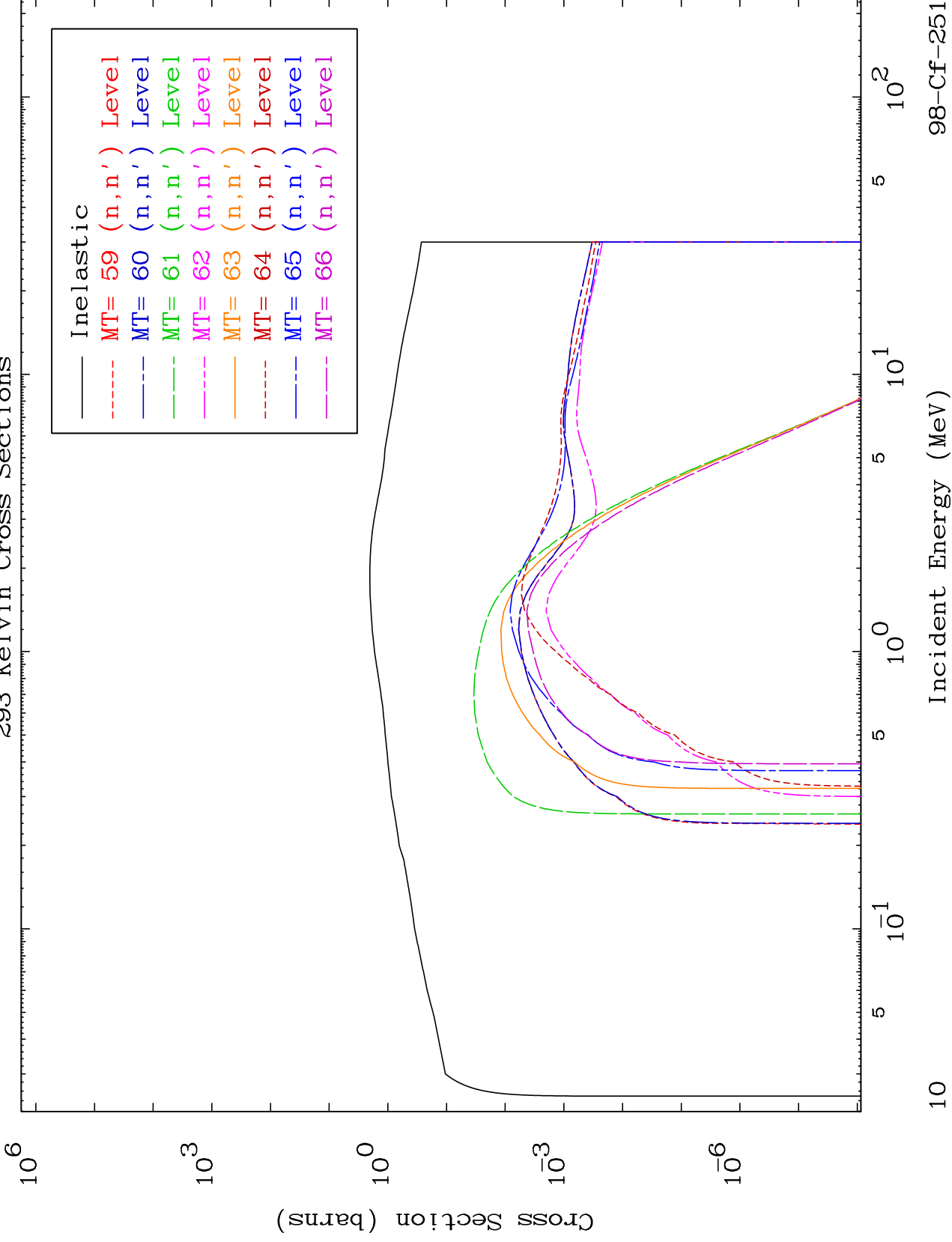


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(n,n') Levels

98-Cf-251

293 Kelvin Cross Sections



10

Incident Energy (MeV)

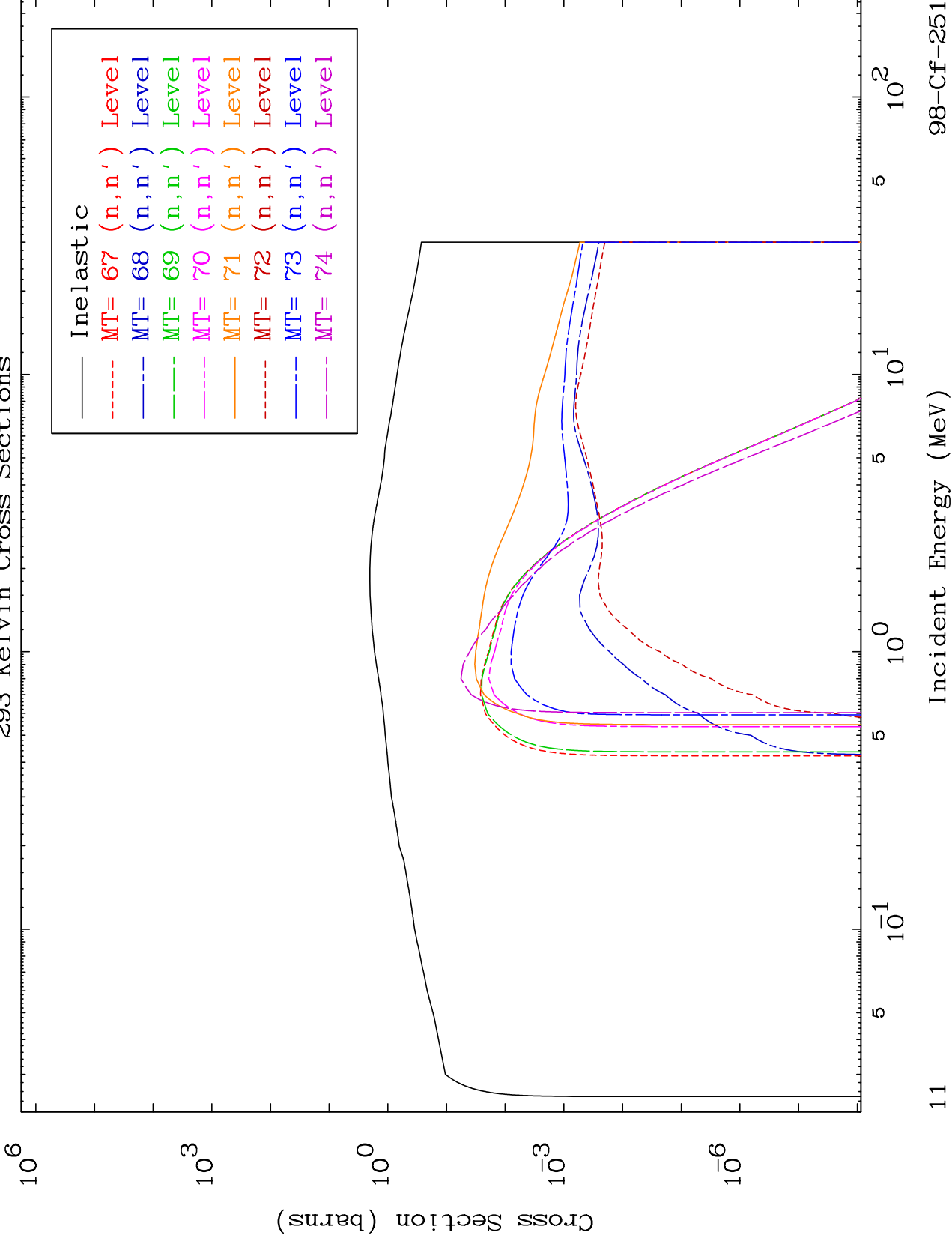
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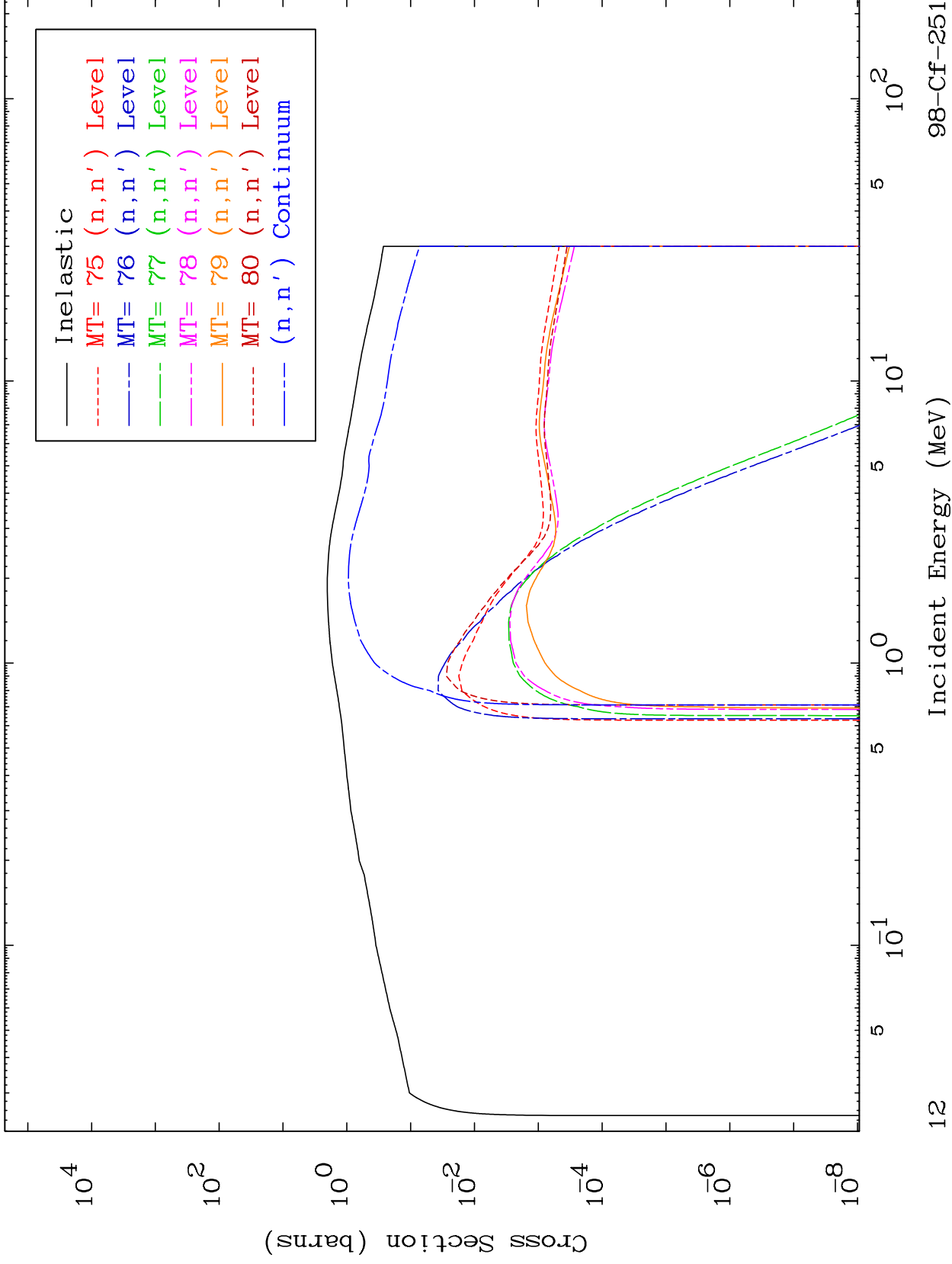
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(n,n') Levels

98-Cf-251

293 Kelvin Cross Sections

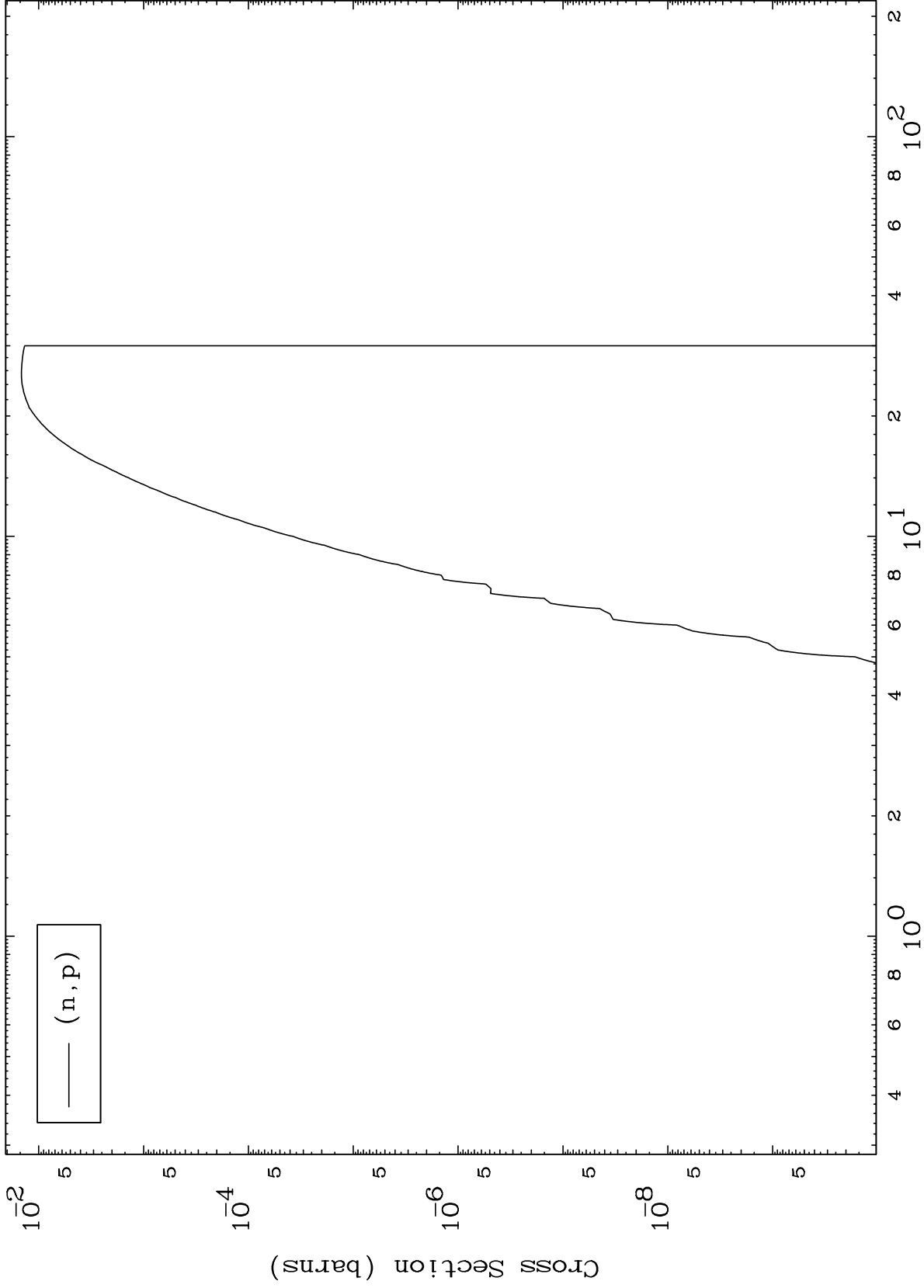




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(n,p) Levels
293 Kelvin Cross Sections

98-Cf-251



13

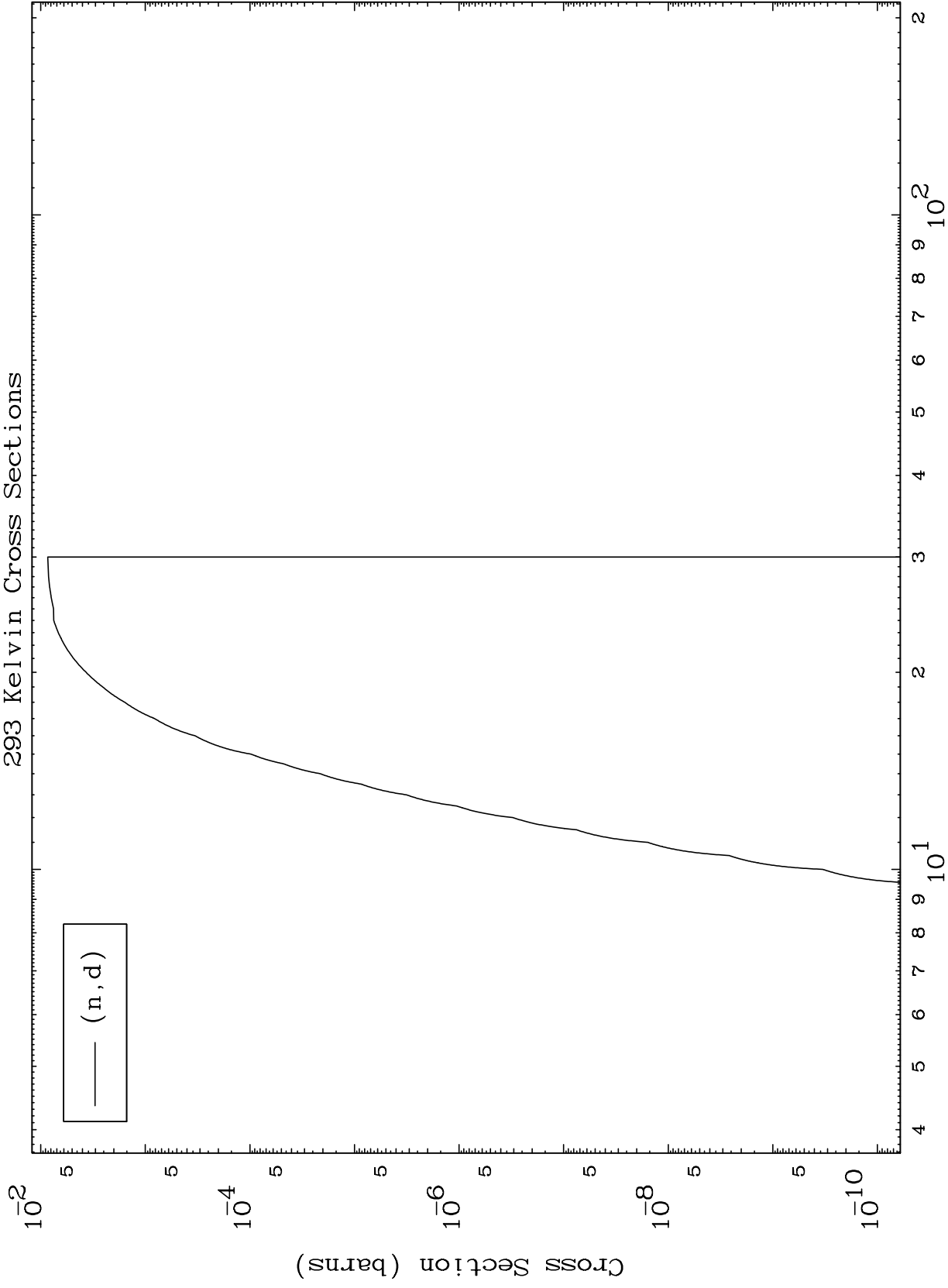
Incident Energy (MeV)

98-Cf-251

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(n,d) Levels
293 Kelvin Cross Sections

98-Cf-251



14

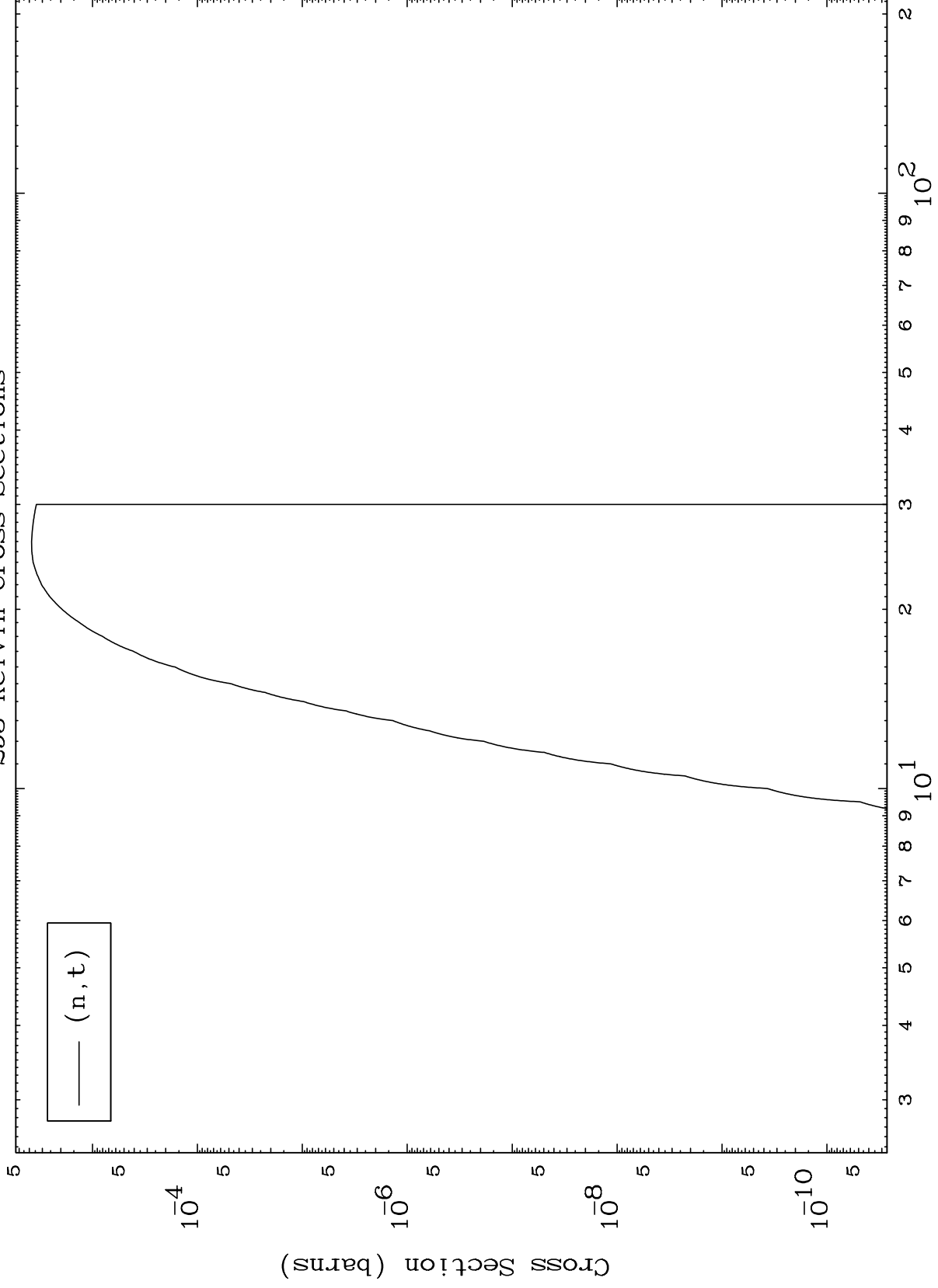
Incident Energy (MeV)

98-Cf-251

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(n,t) Levels
293 Kelvin Cross Sections

98-Cf-251



15

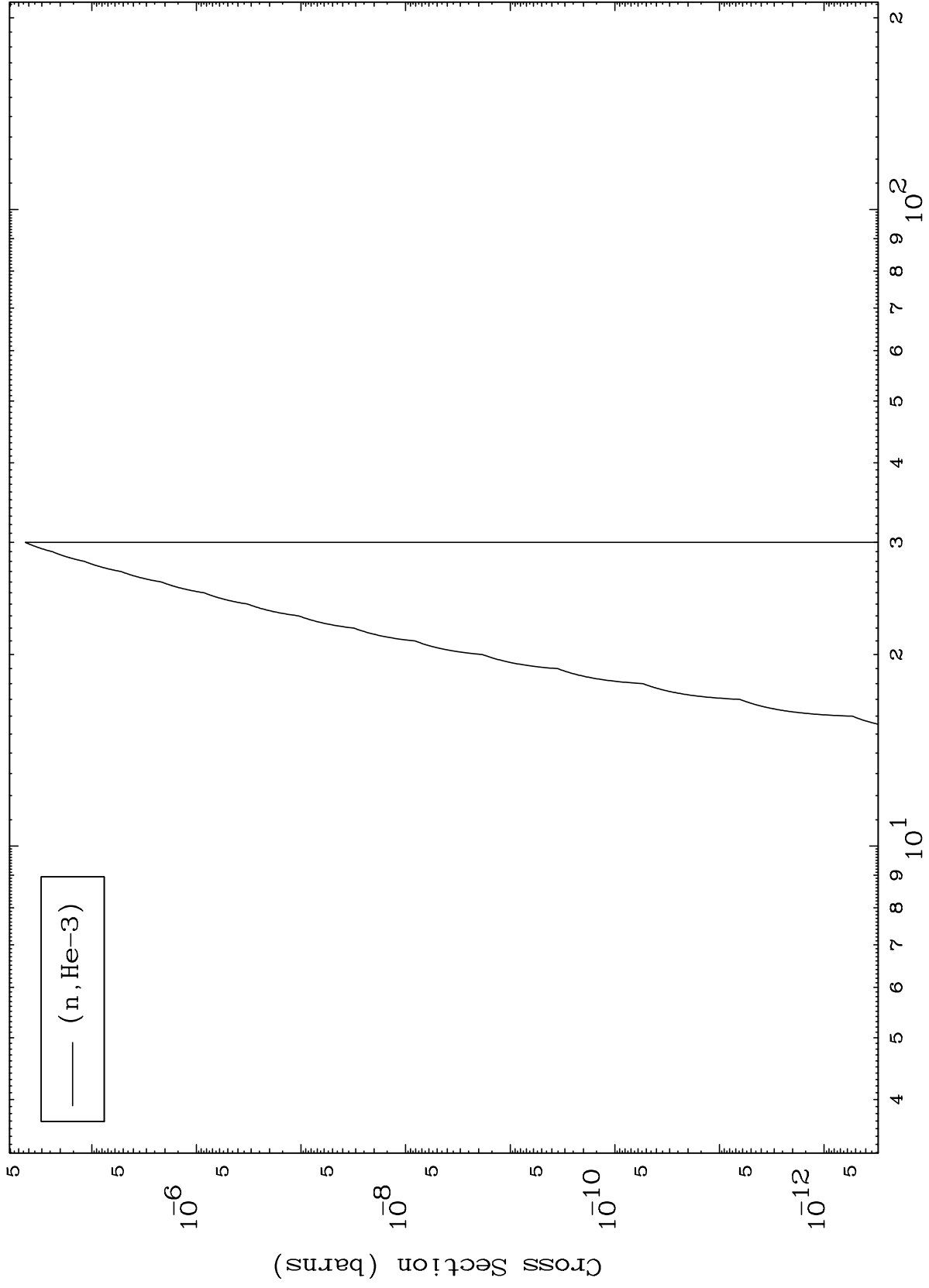
Incident Energy (MeV)

98-Cf-251

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(n,He3) Levels
293 Kelvin Cross Sections

98-Cf-251



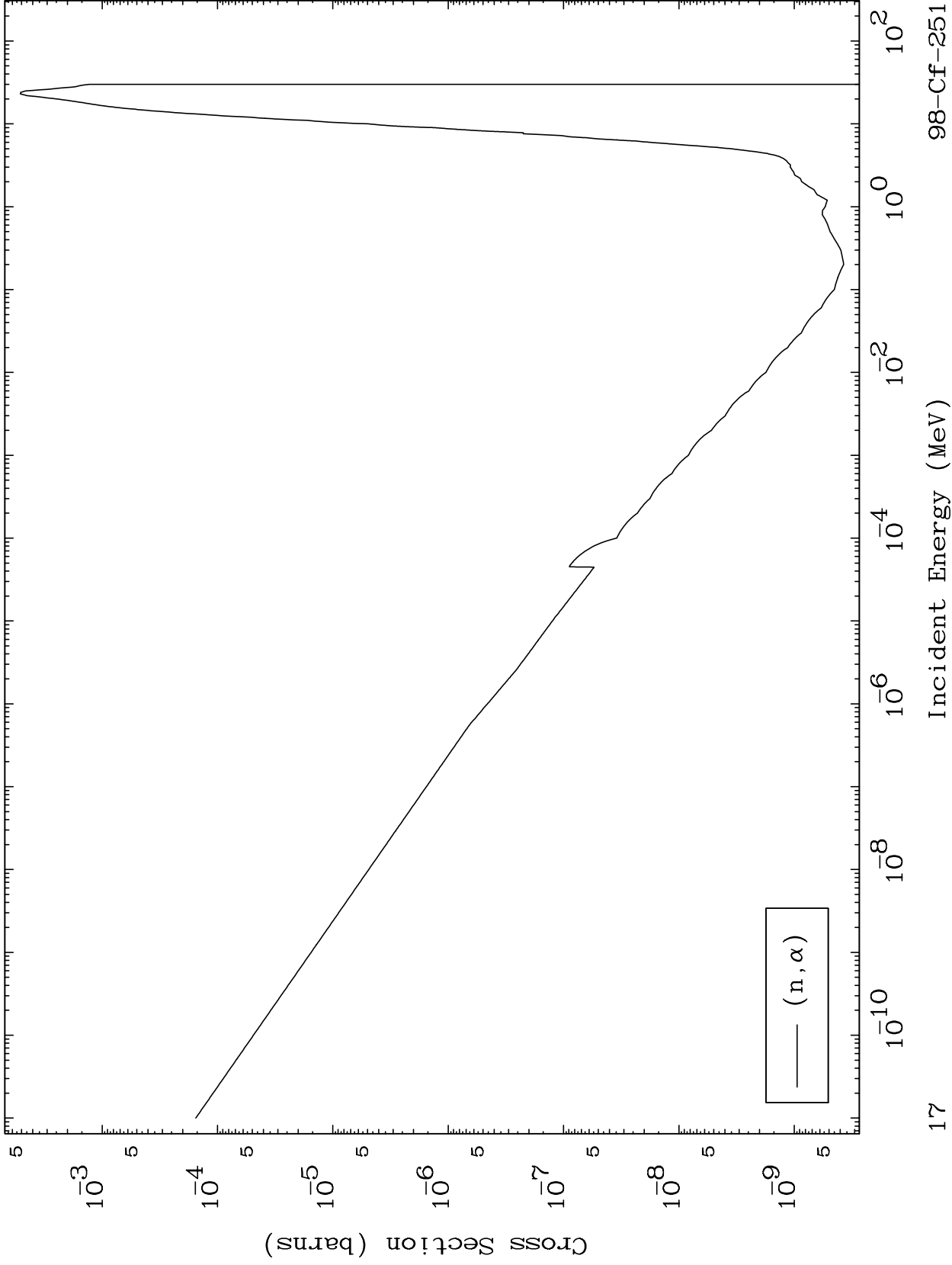
16

98-Cf-251

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(n,α) Levels
293 Kelvin Cross Sections

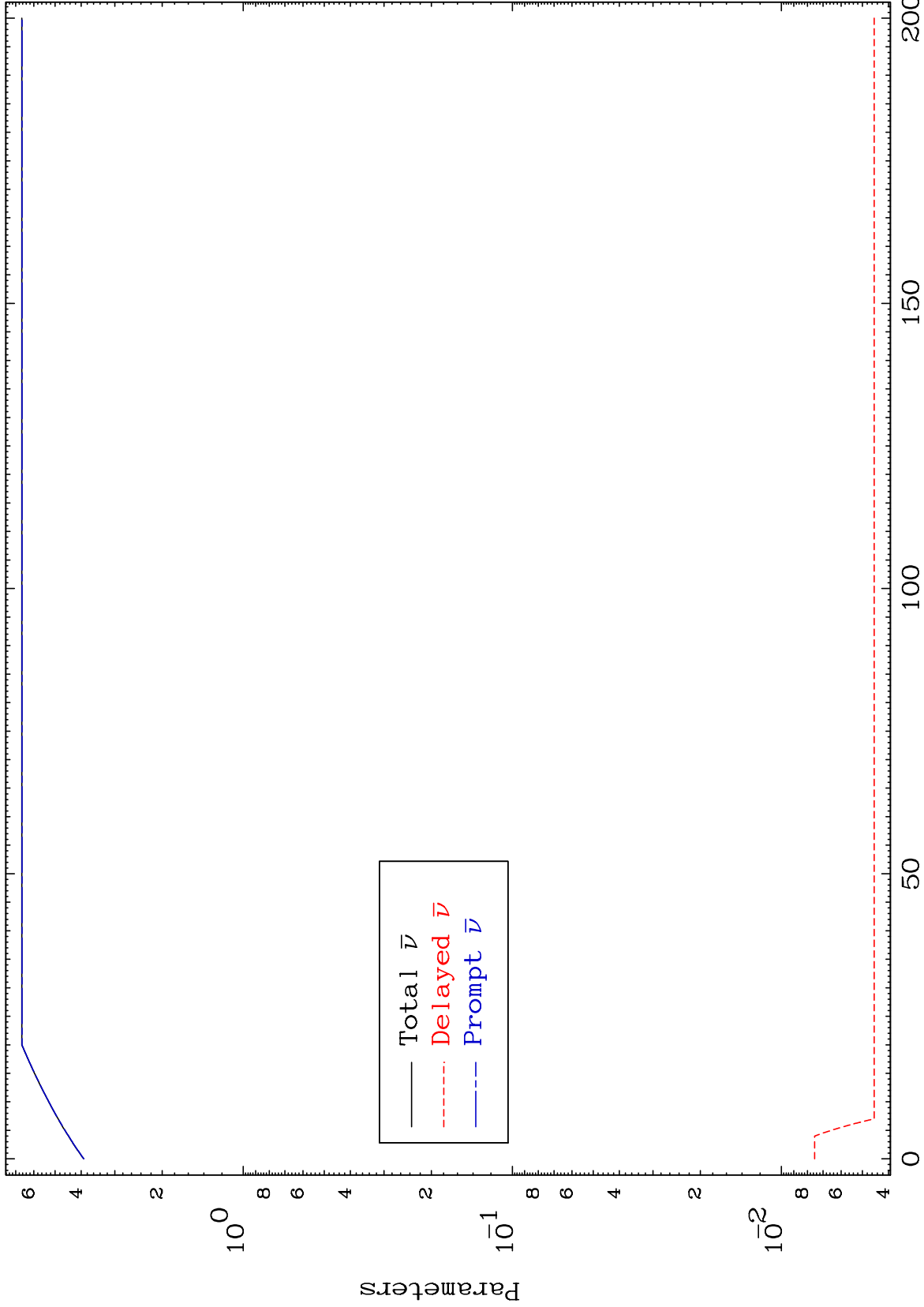
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Energy Release
Parameters

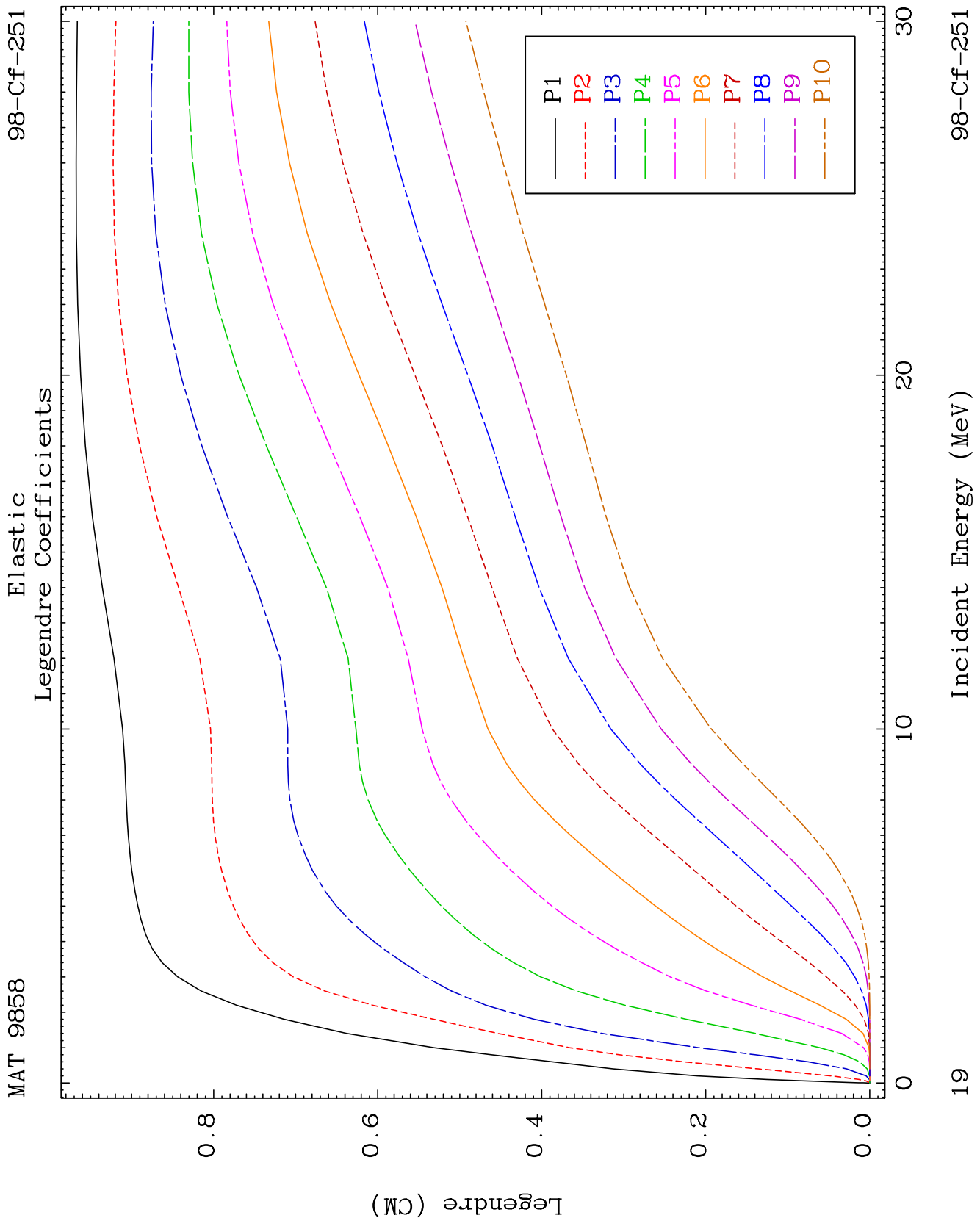
98-Cf-251



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Incident Energy (MeV)

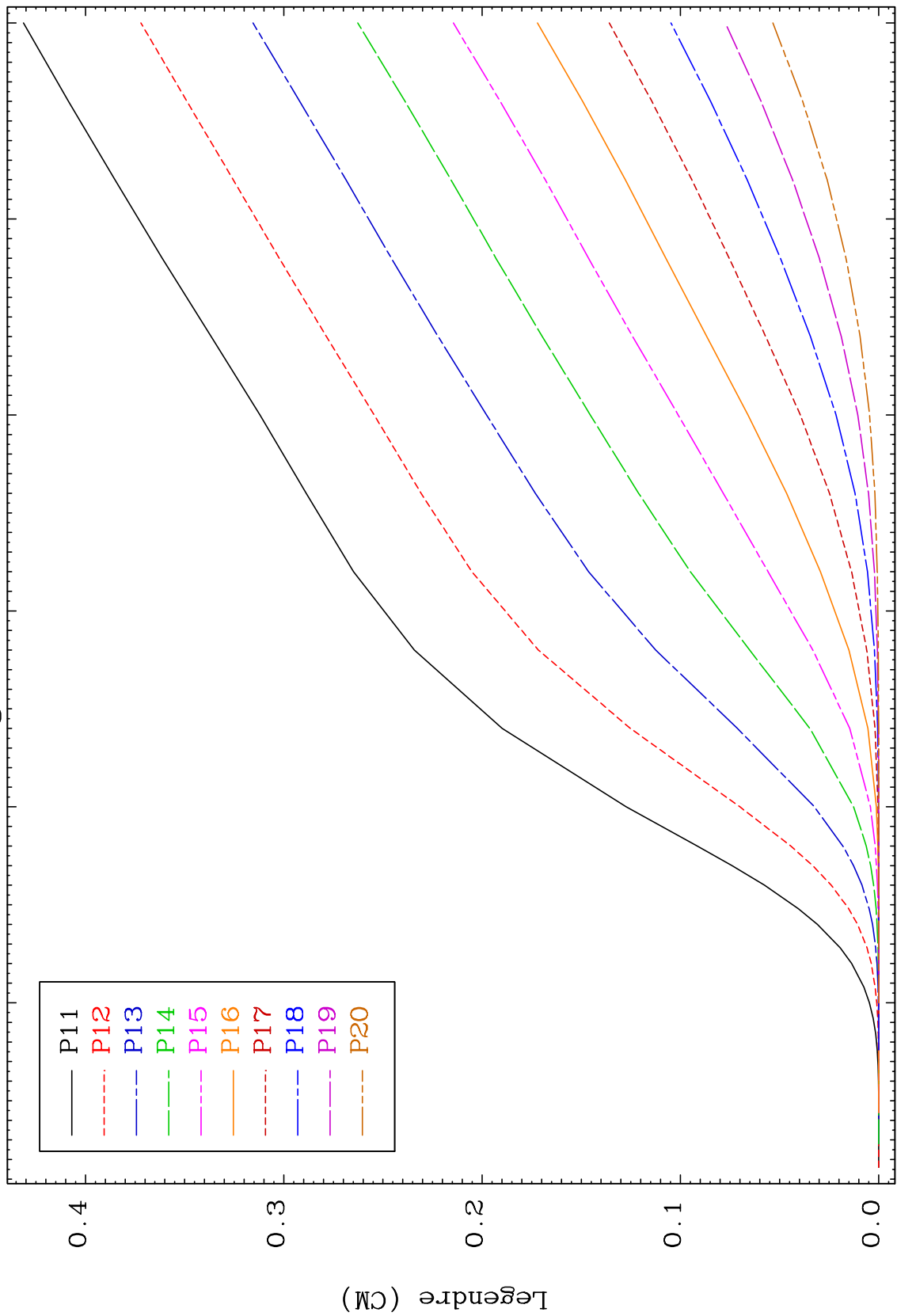
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Elastic Legendre Coefficients

98-Cf-251



20

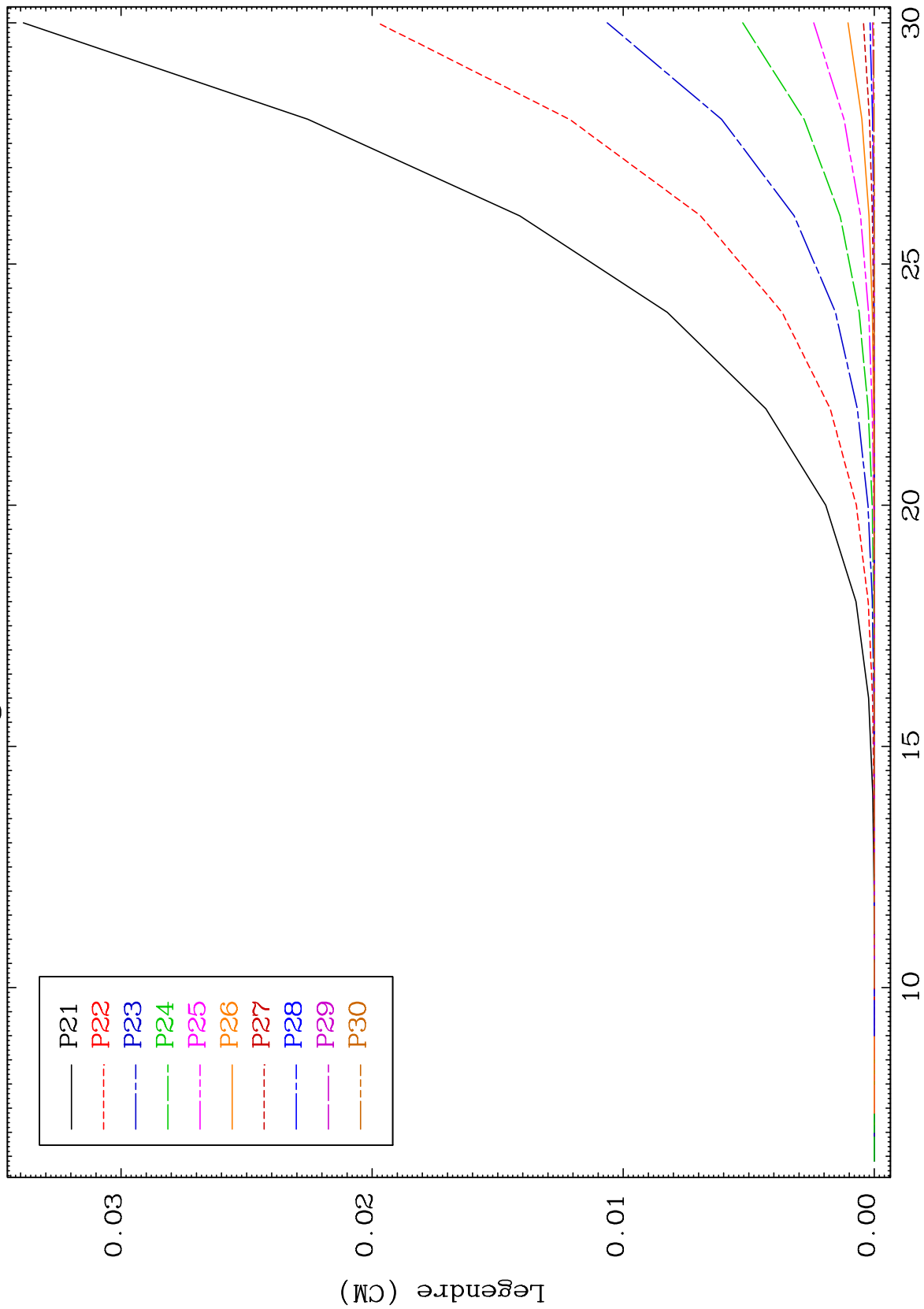
Incident Energy (MeV)

98-Cf-251

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Elastic Legendre Coefficients

98-Cf-251



21

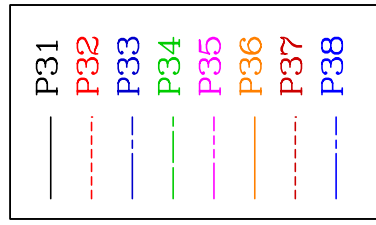
Incident Energy (MeV)

98-Cf-251

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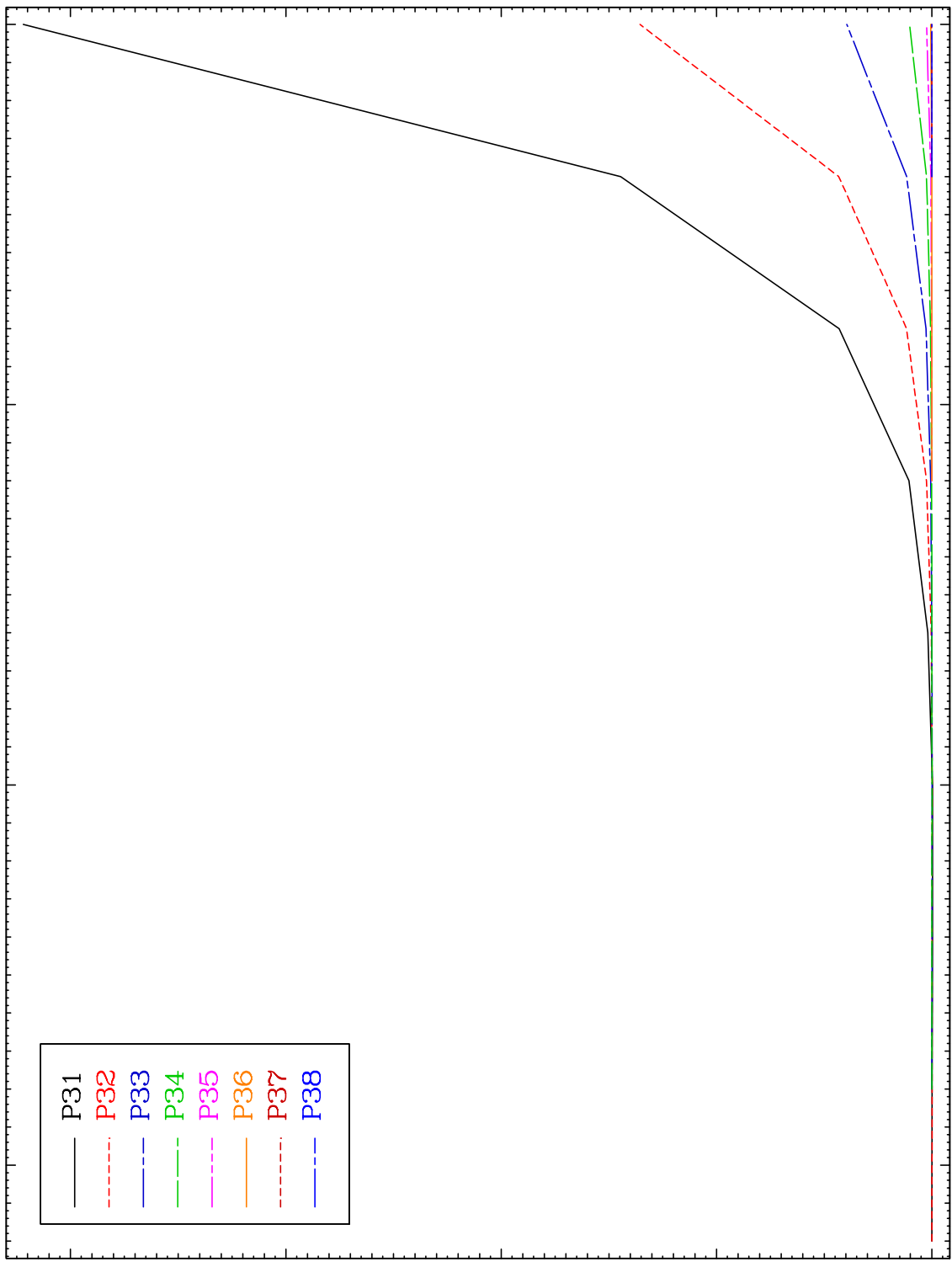
Elastic Legendre Coefficients

98-Cf-251



$\times 10^{-68}$

Legendre (CM)



22

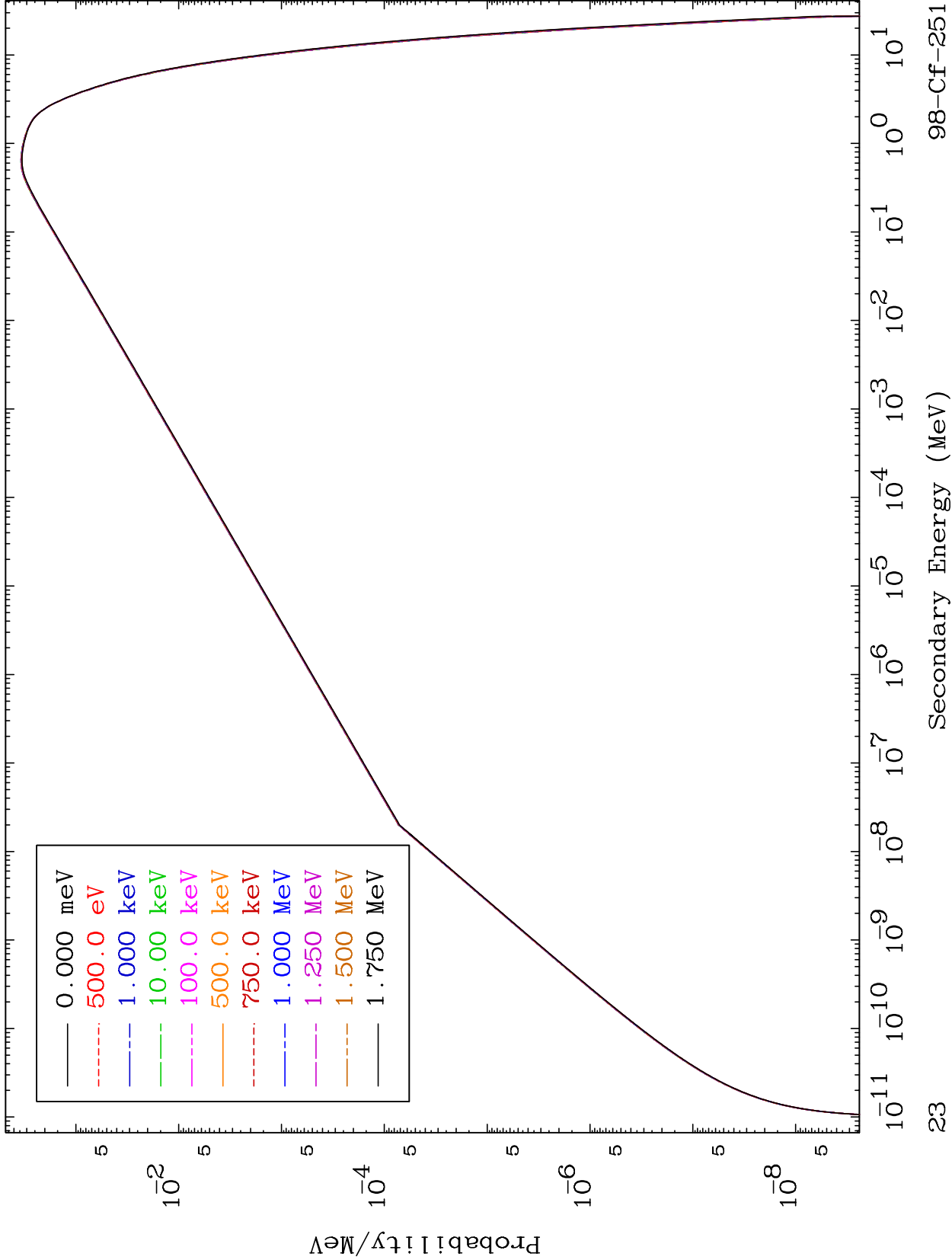
Incident Energy (MeV)

98-Cf-251

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Fission Energy Distributions

98-Cf-251

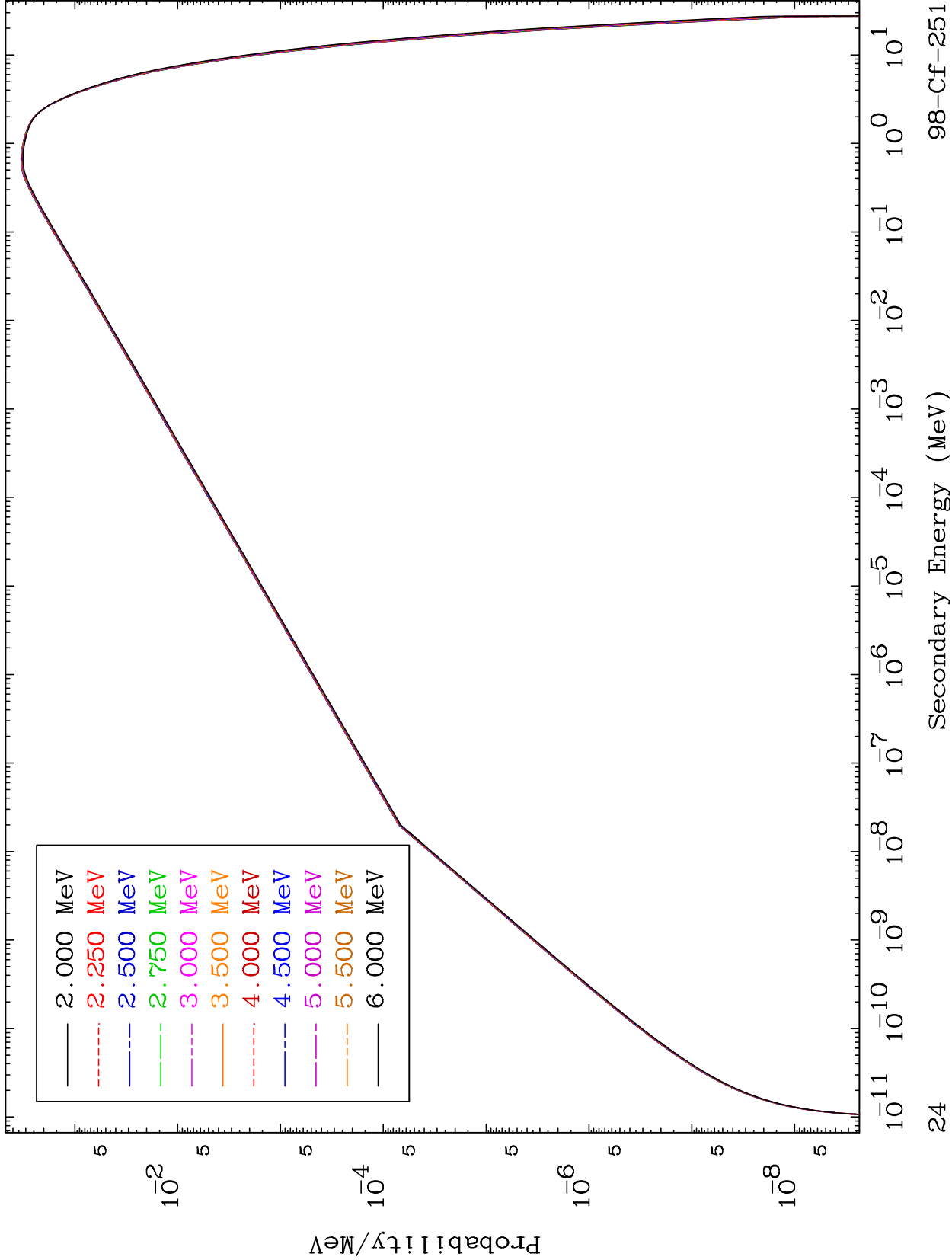


- 0.000 meV
- 500.0 eV
- 1.000 keV
- 10.00 keV
- 100.0 keV
- 500.0 keV
- 750.0 keV
- 1.000 MeV
- 1.250 MeV
- 1.500 MeV
- 1.750 MeV

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Secondary Energy (MeV)

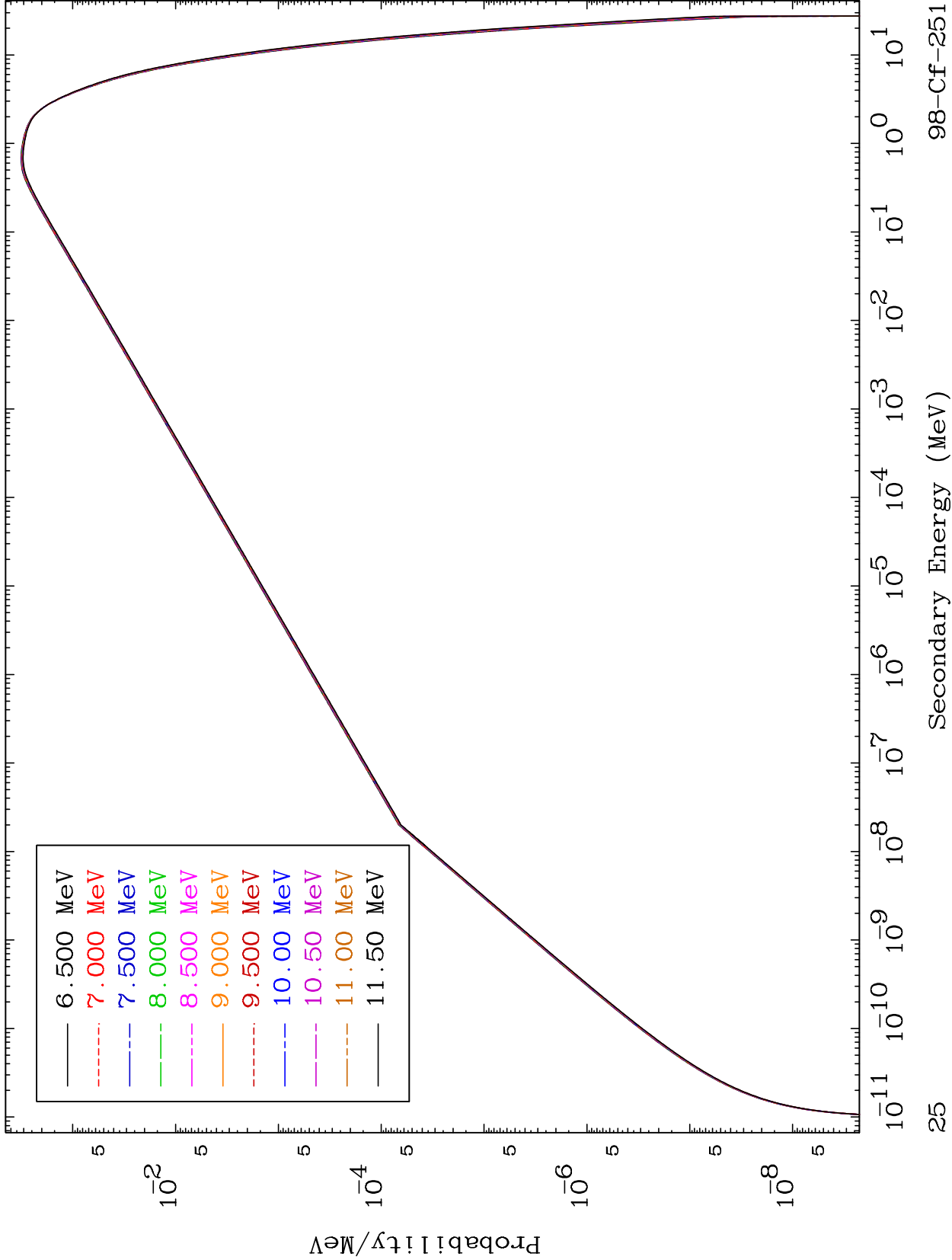
Fission Energy Distributions



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Fission Energy Distributions

98-Cf-251

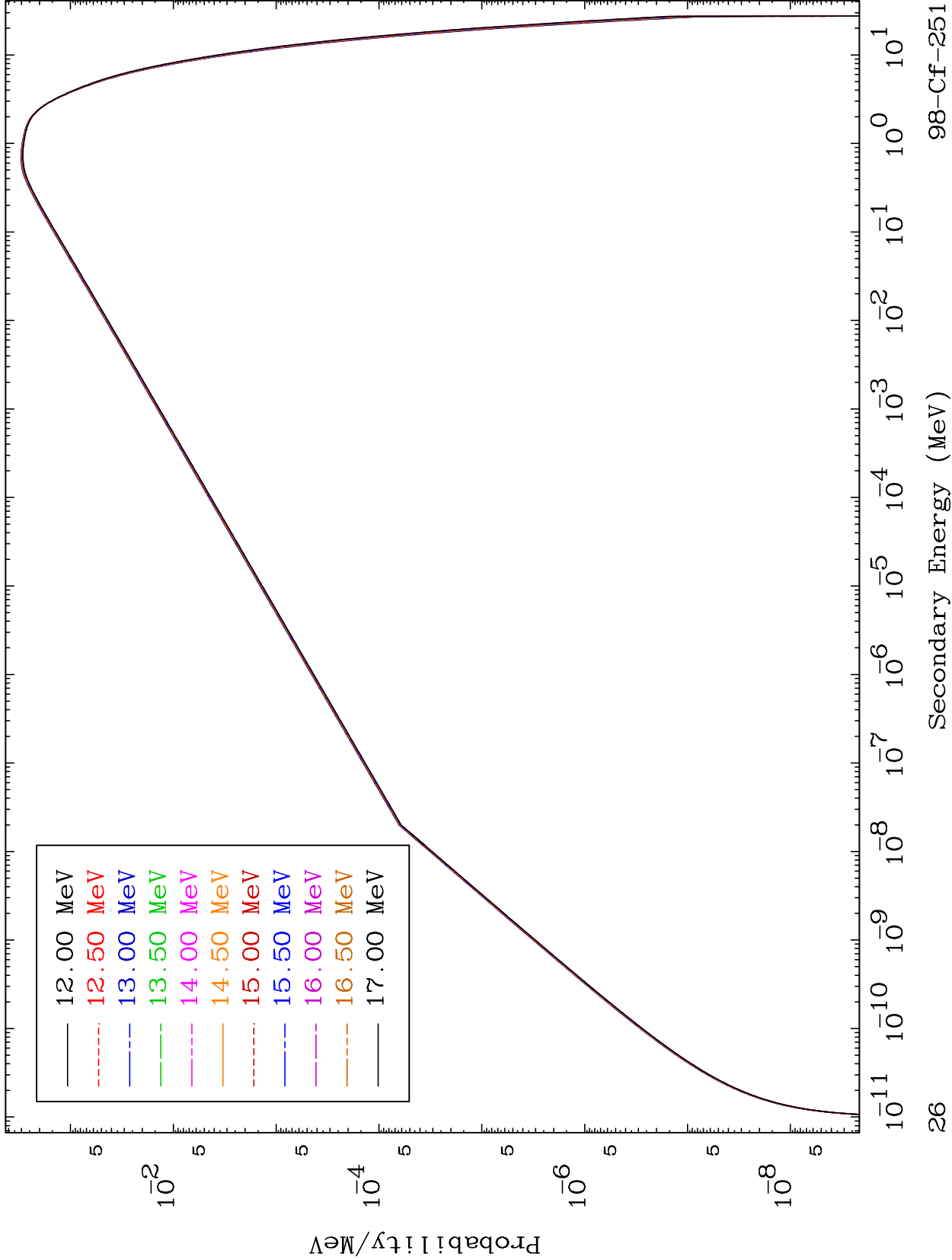


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Secondary Energy (MeV)

25

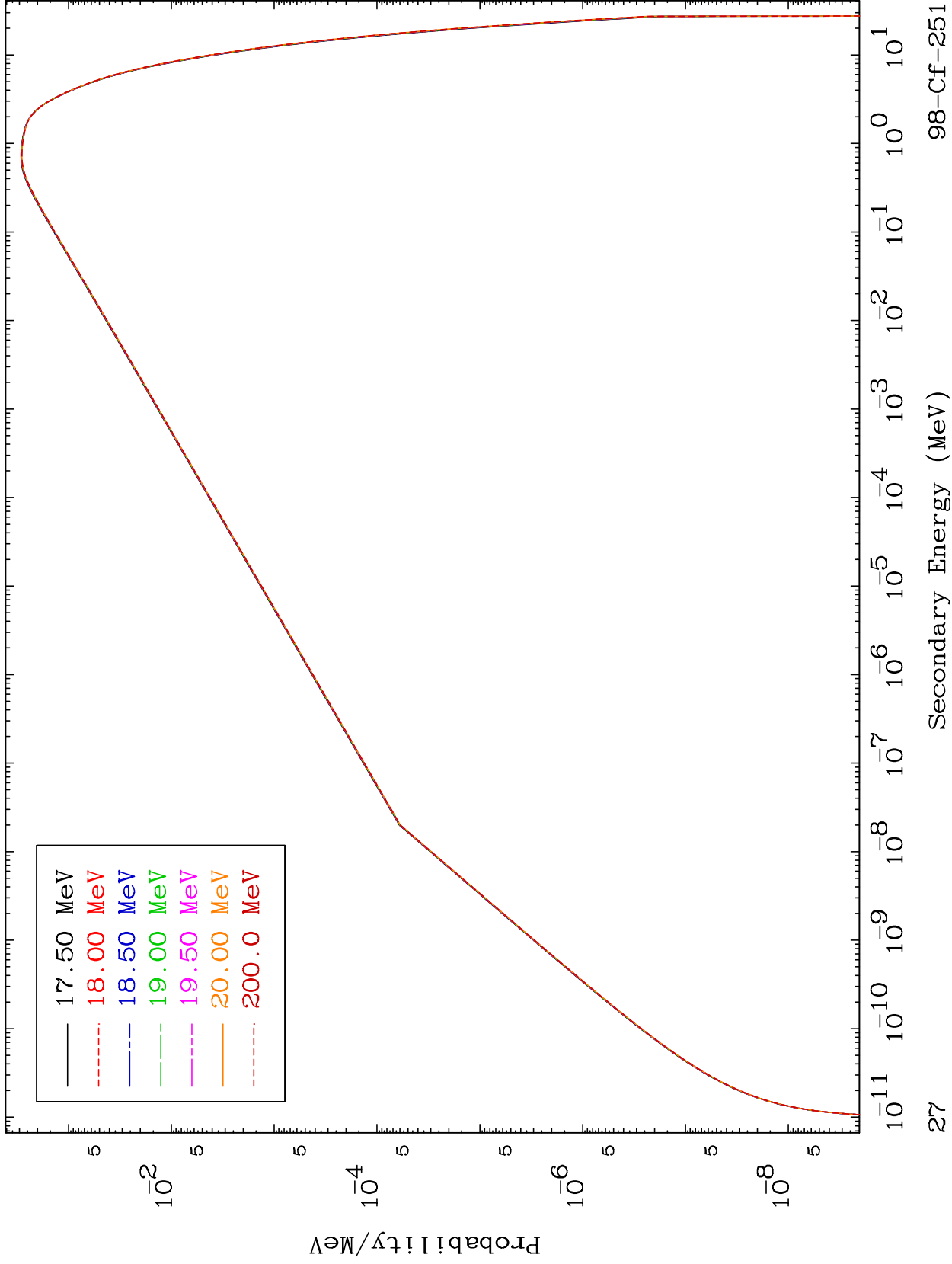
Fission Energy Distributions



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Fission
Energy Distributions

98-Cf-251

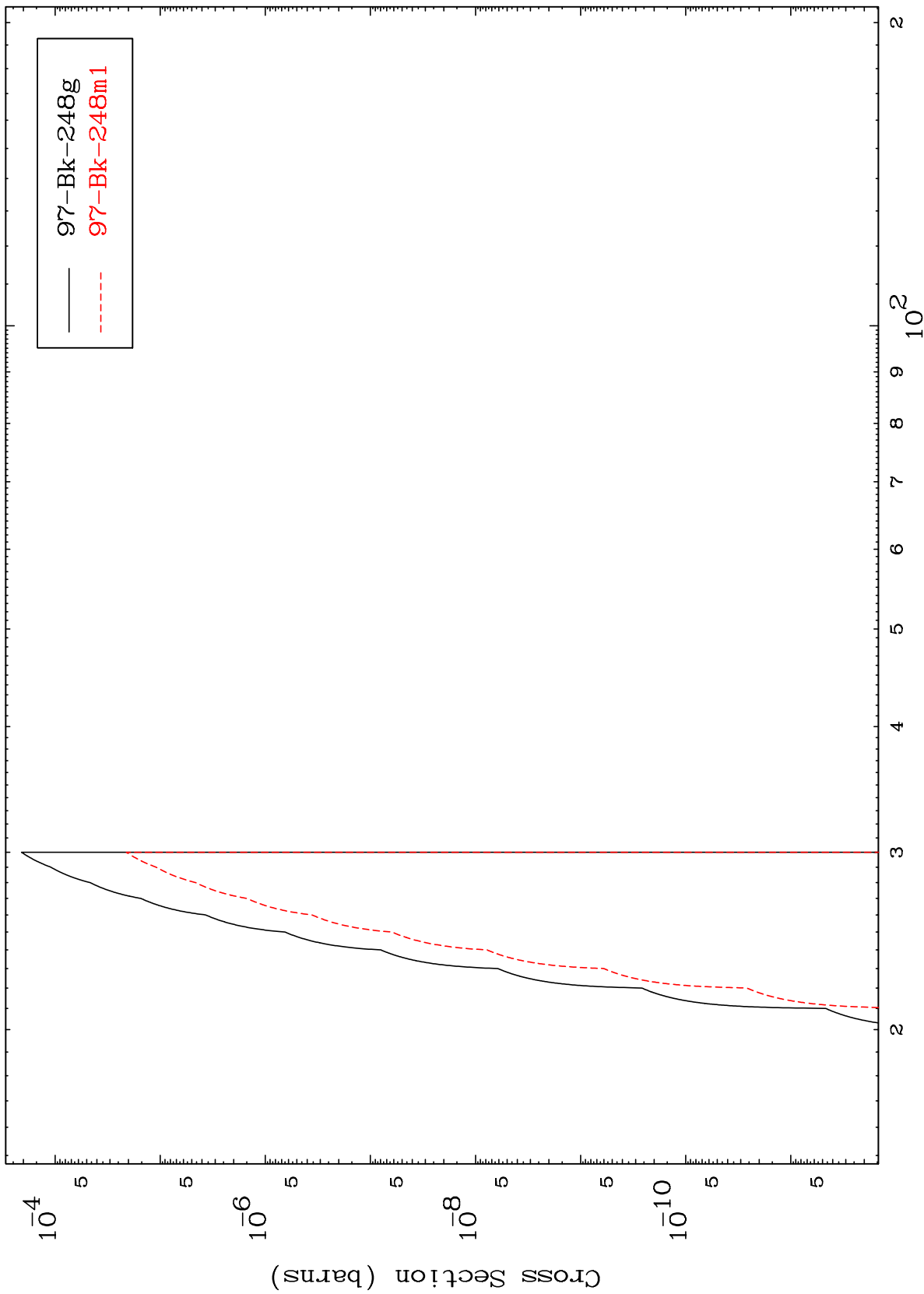


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(n,2n) d

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Radionuclide Production Cross Section



28

Incident Energy (MeV)

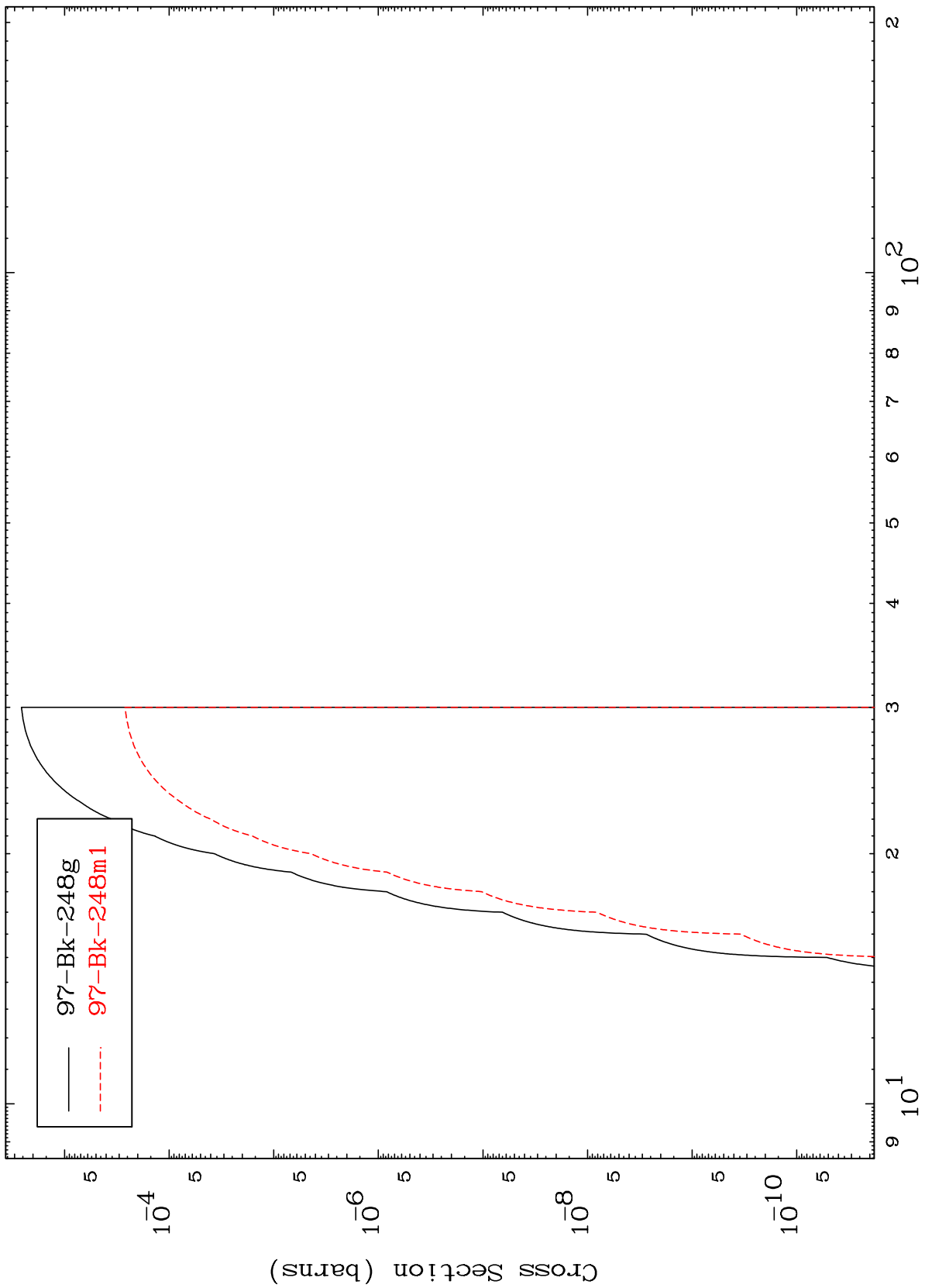
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(n,n') t

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Radionuclide Production Cross Section



29

Incident Energy (MeV)

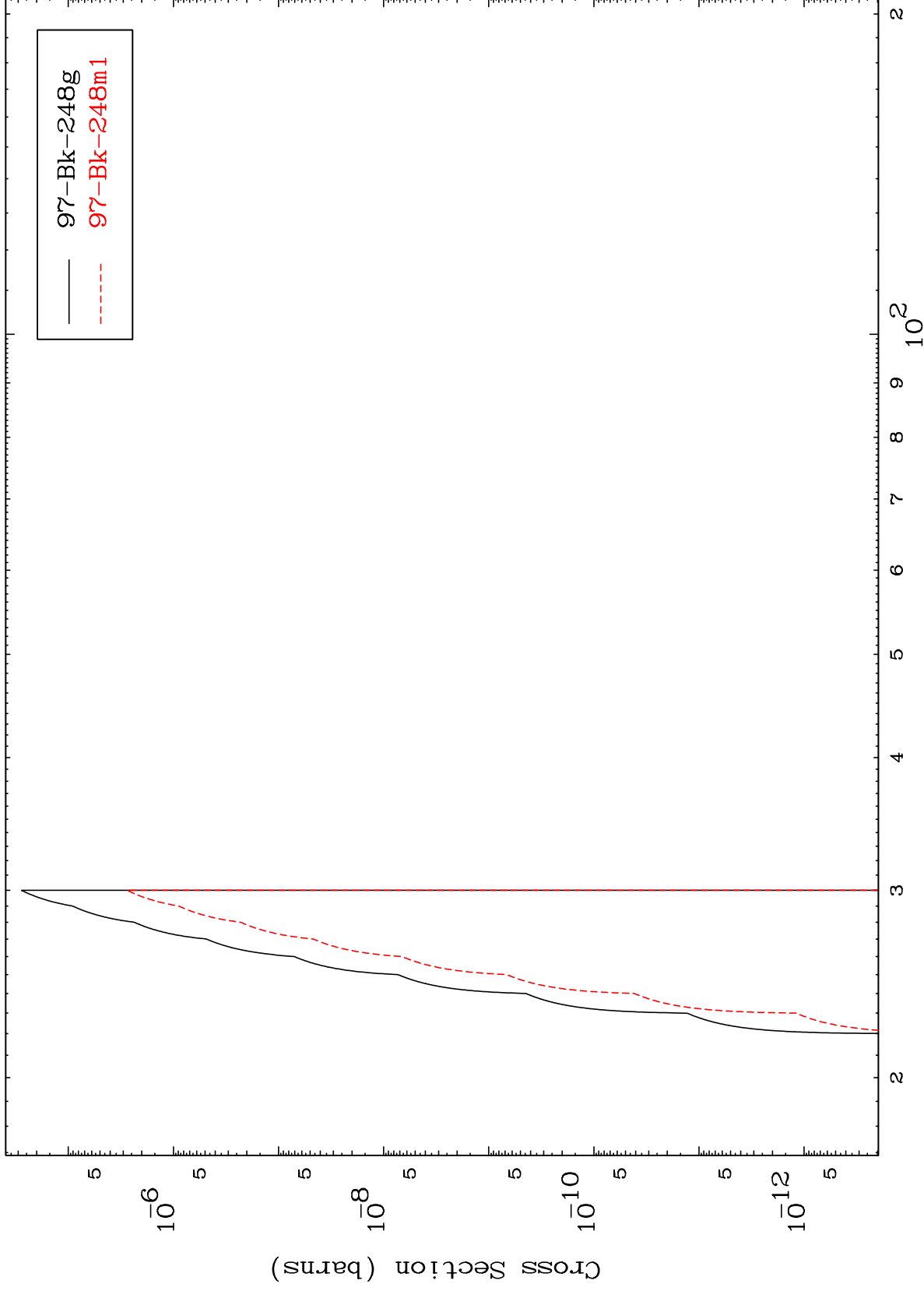
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(n,3n) p

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Radionuclide Production Cross Section



30

Incident Energy (MeV)

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