

Program EVALPLOT
(Version 2021-1)

by

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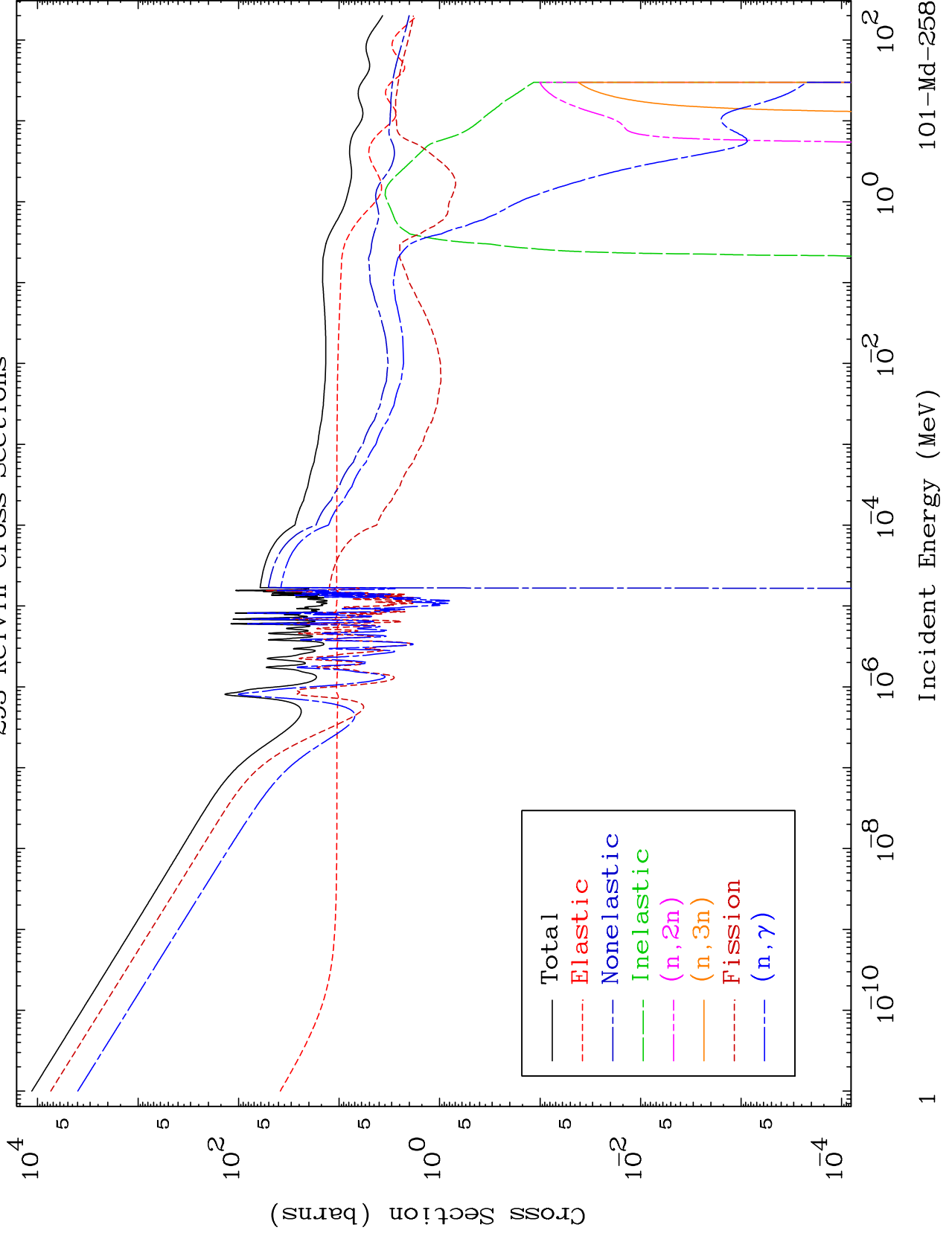
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9959

Neutron Major
293 Kelvin Cross Sections

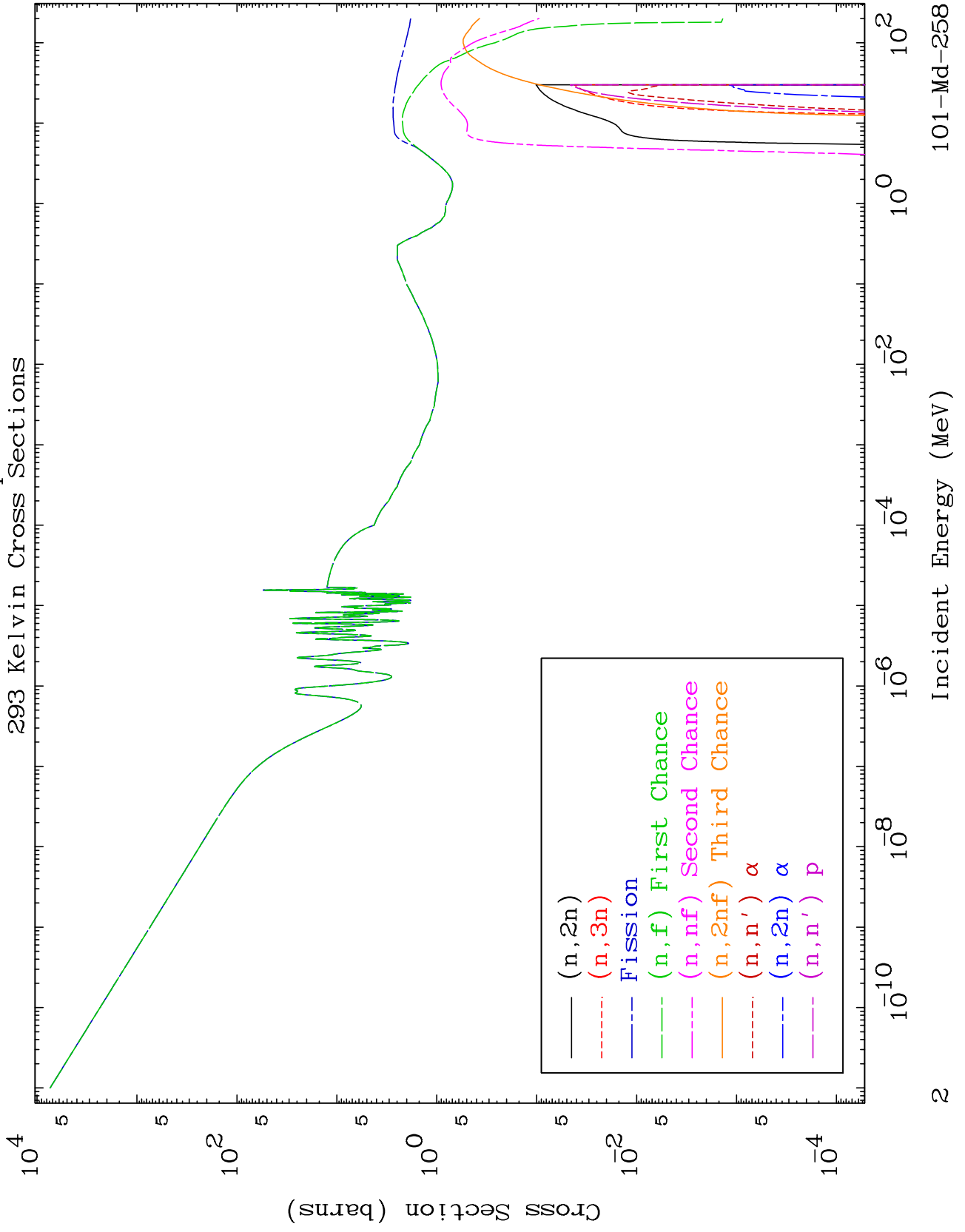
101-Md-258

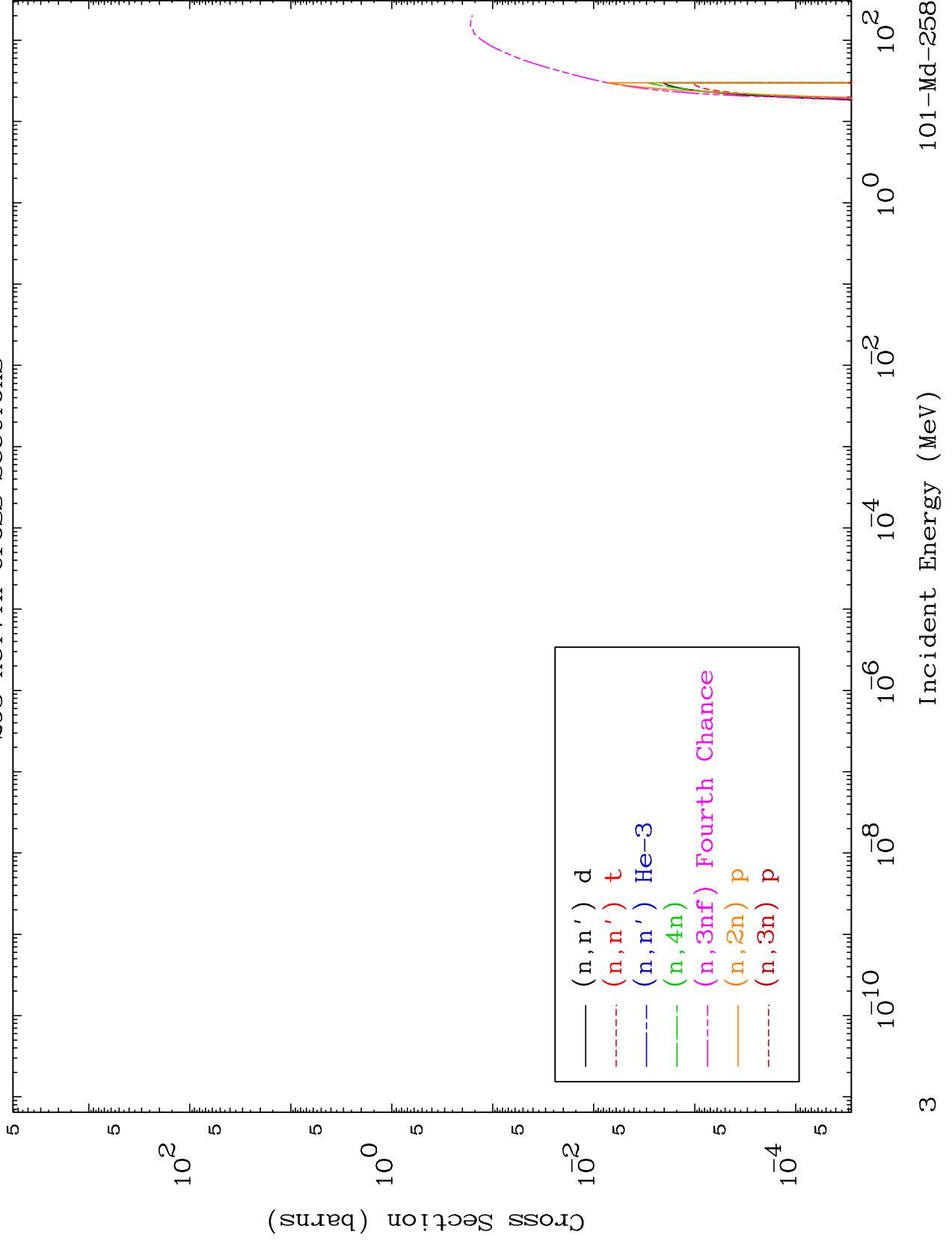


MAT 9959

Neutron Absorption
293 Kelvin Cross Sections

101-Md-258

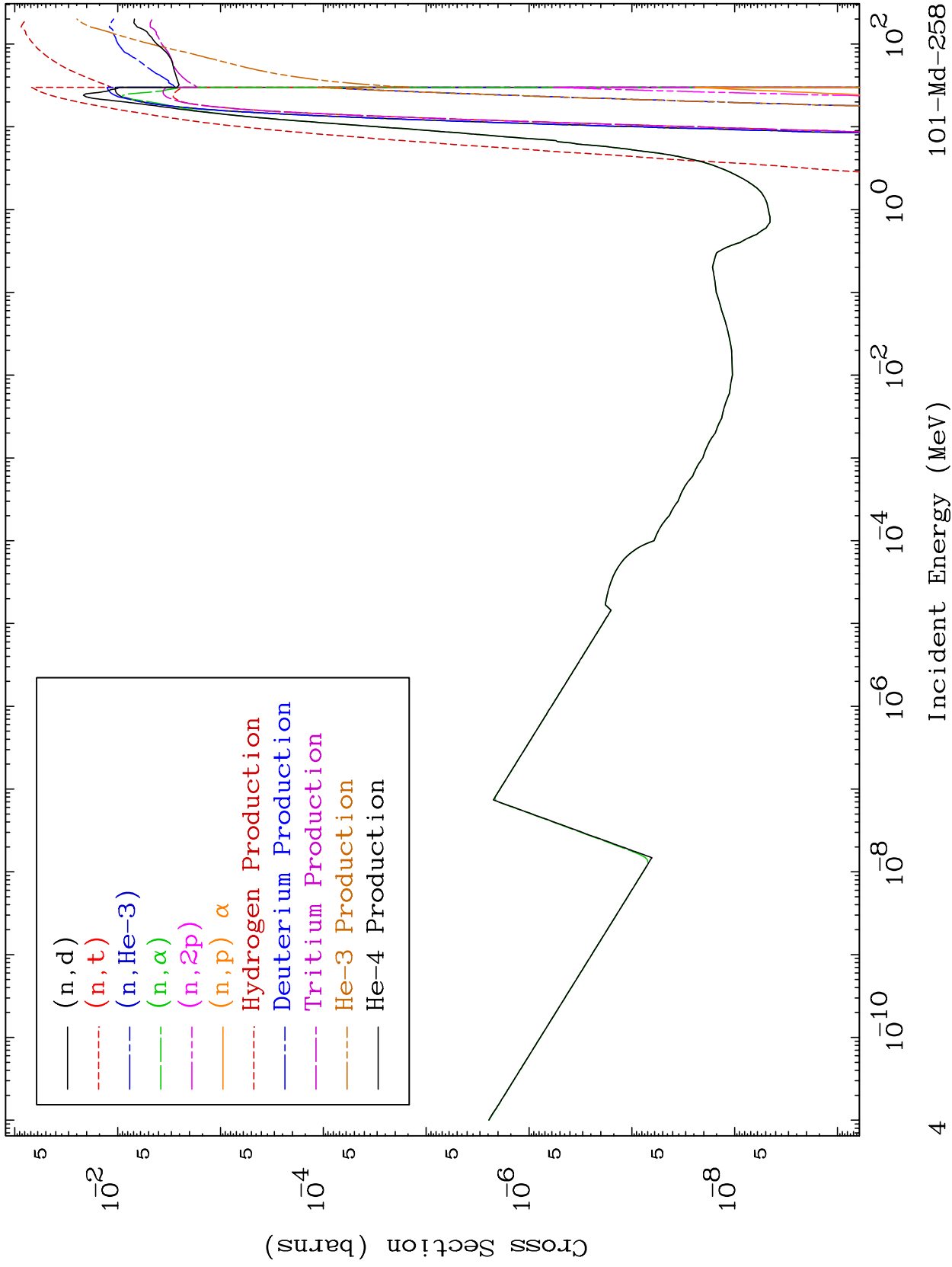




MAT 9959

Neutron Absorption
293 Kelvin Cross Sections

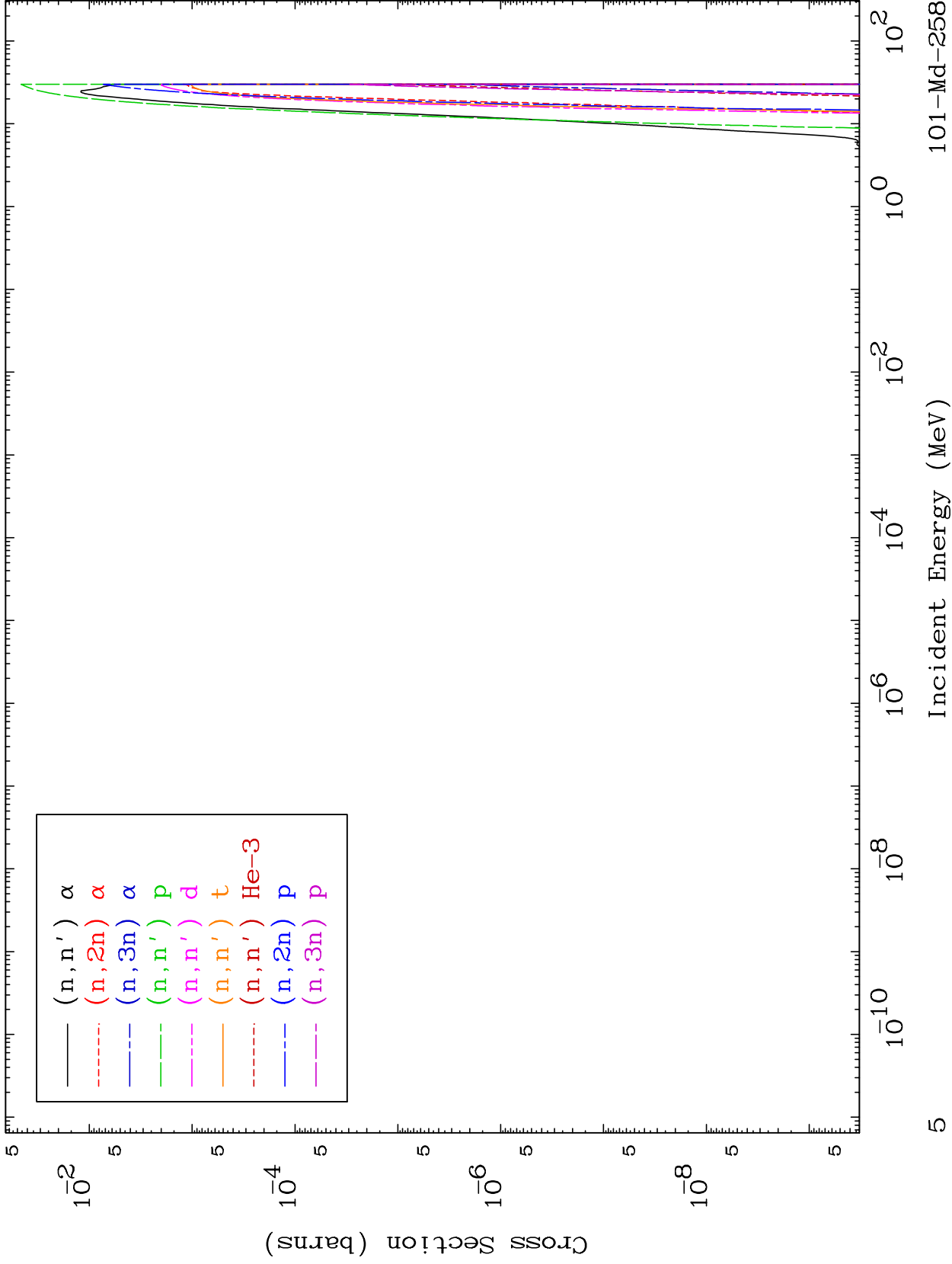
101-Md-258



MAT 9959

Charged Particle
293 Kelvin Cross Sections

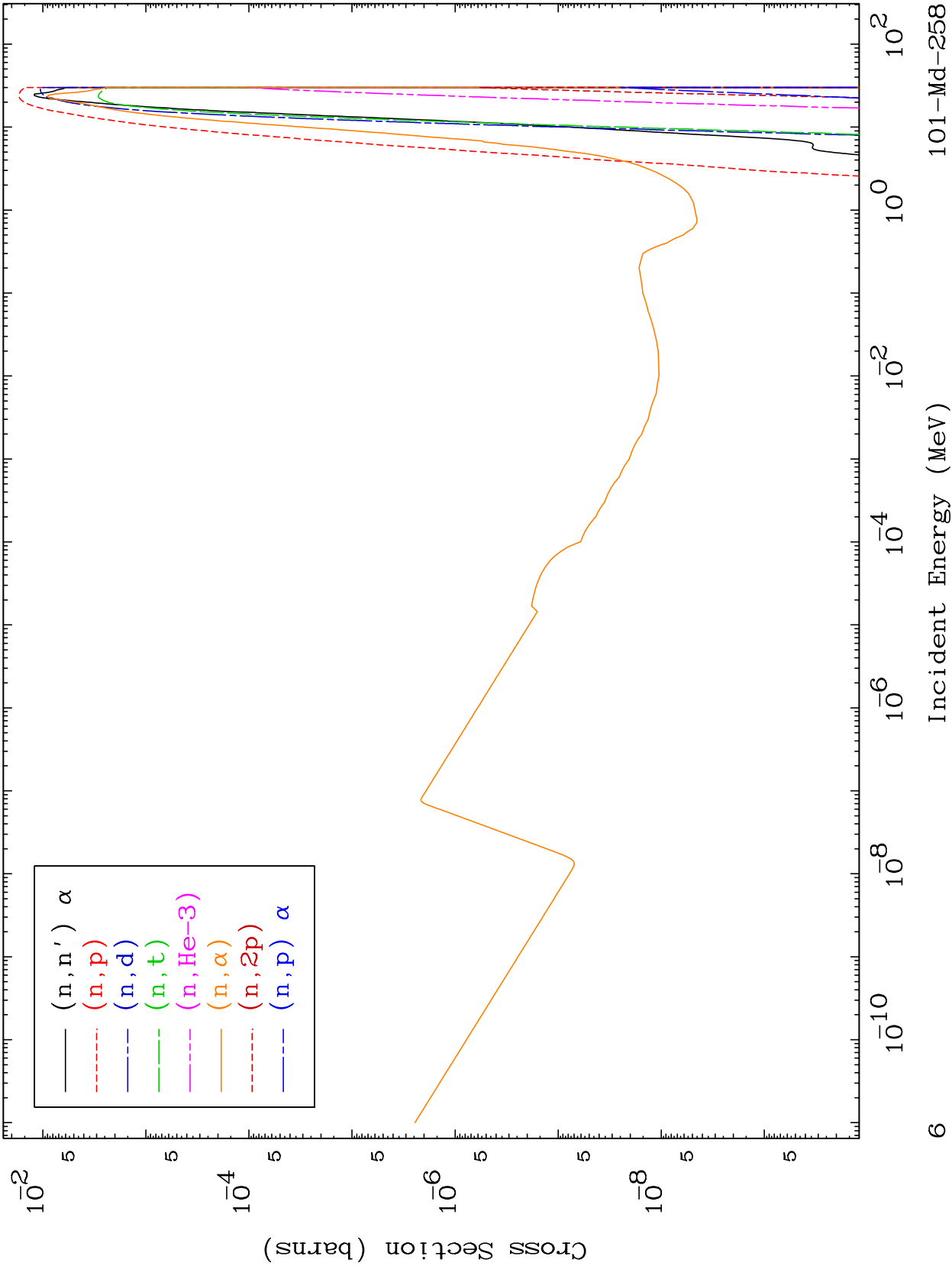
101-Md-258



MAT 9959

Charged Particle
293 Kelvin Cross Sections

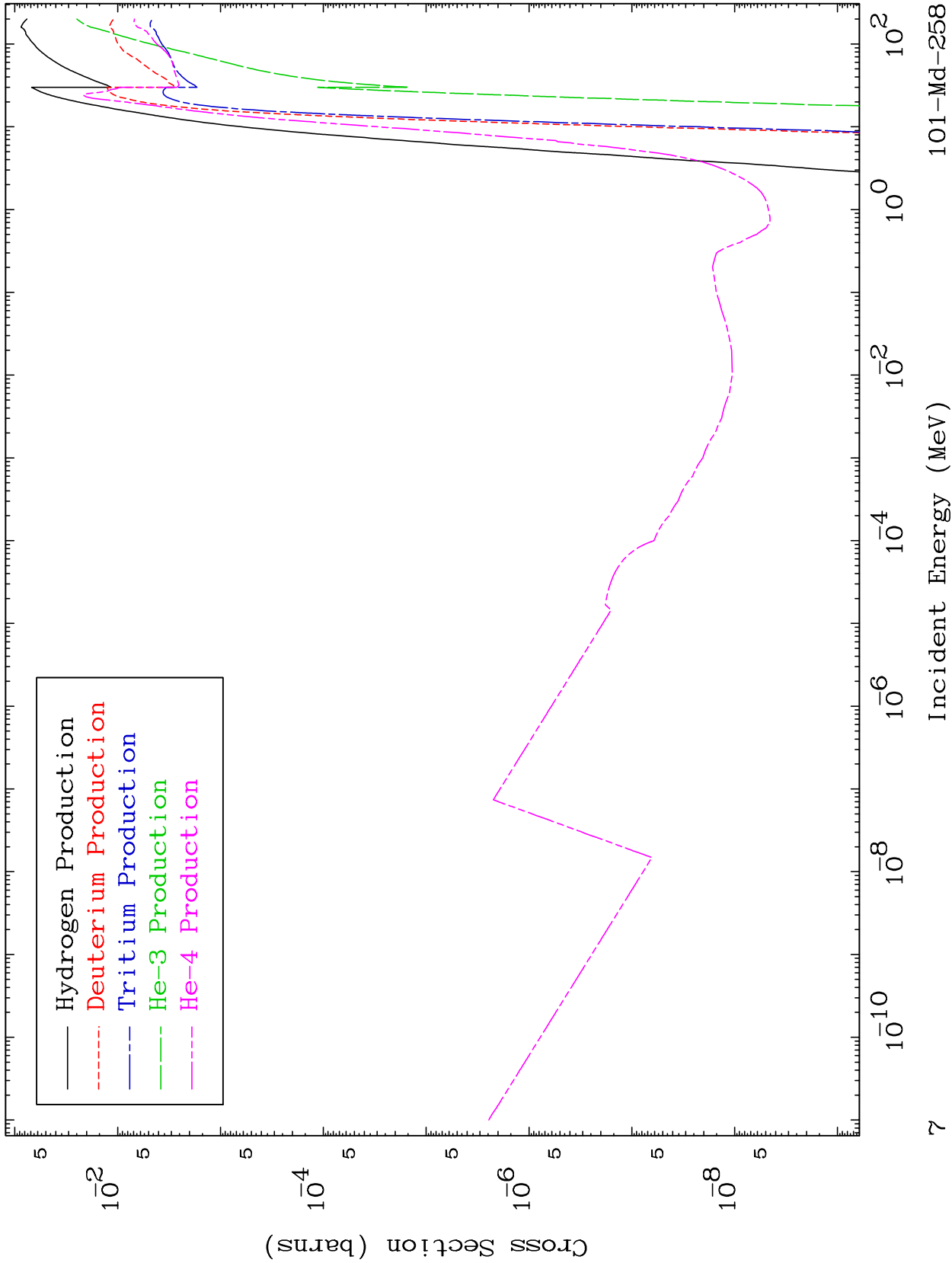
101-Md-258



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Particle Production
293 Kelvin Cross Sections

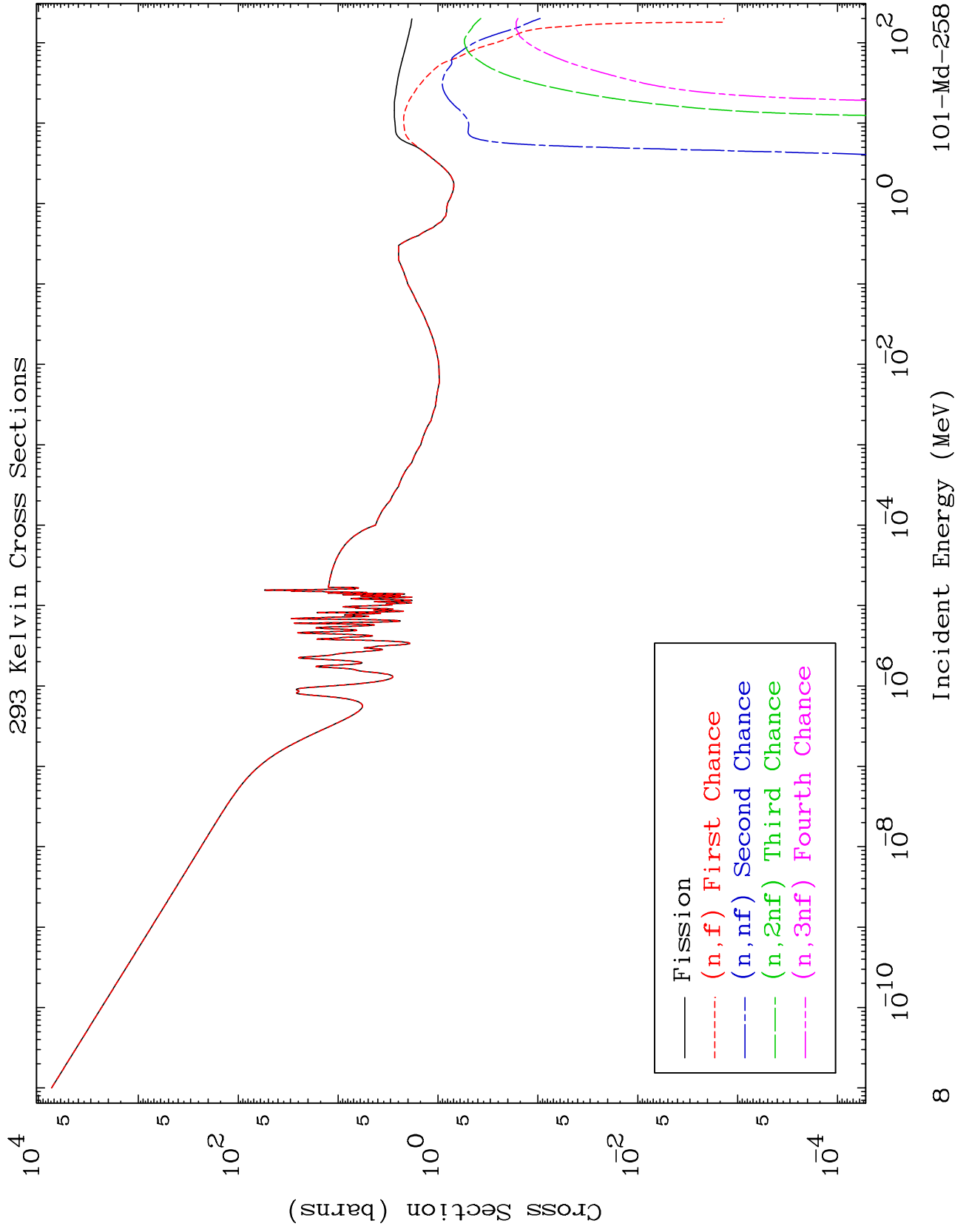
101-Md-258



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Fission
293 Kelvin Cross Sections

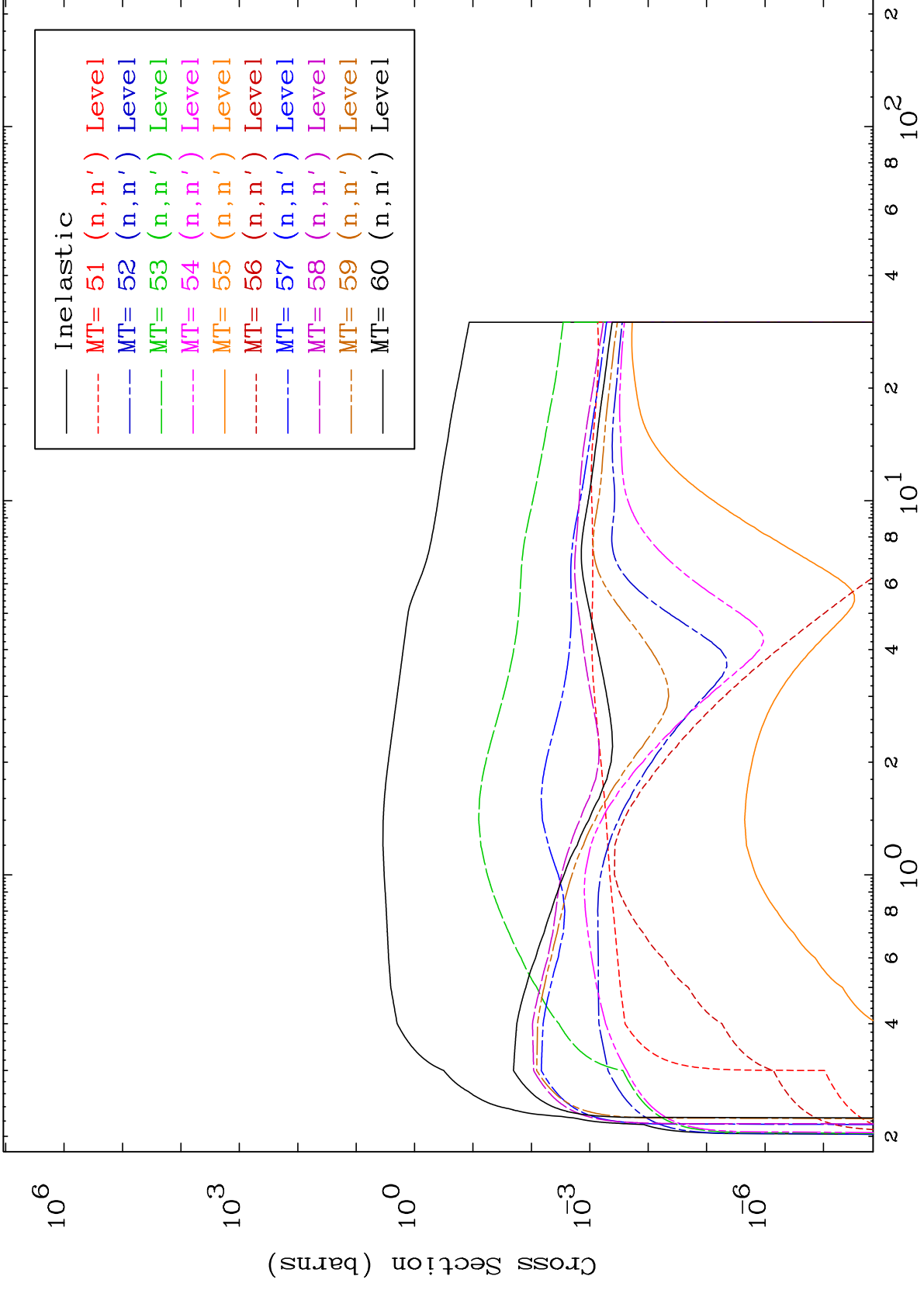
101-Md-258



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(n,n') Levels
293 Kelvin Cross Sections

101-Md-258



9

Incident Energy (MeV)

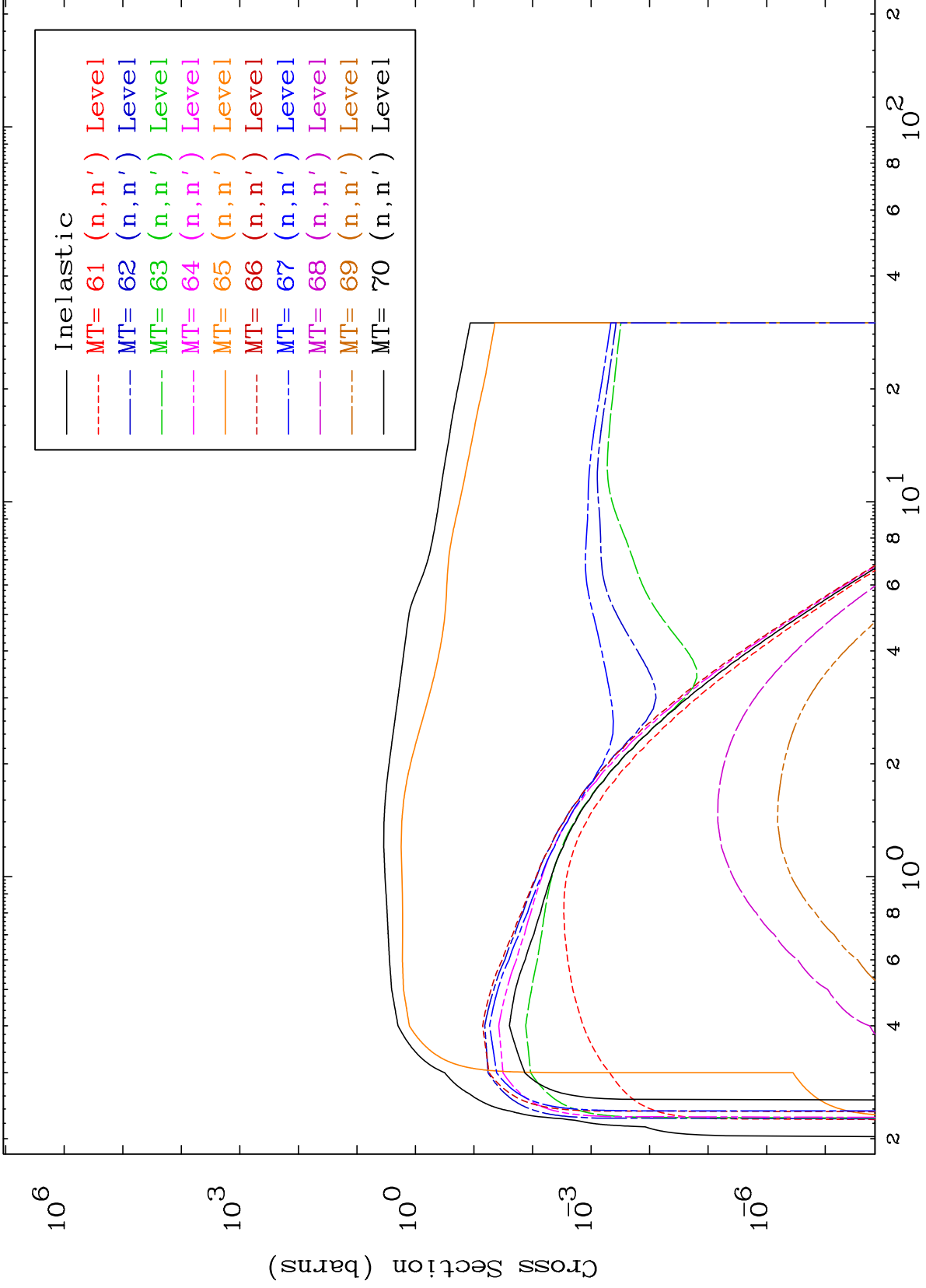
101-Md-258

MAT 9959

(n,n') Levels

101-Md-258

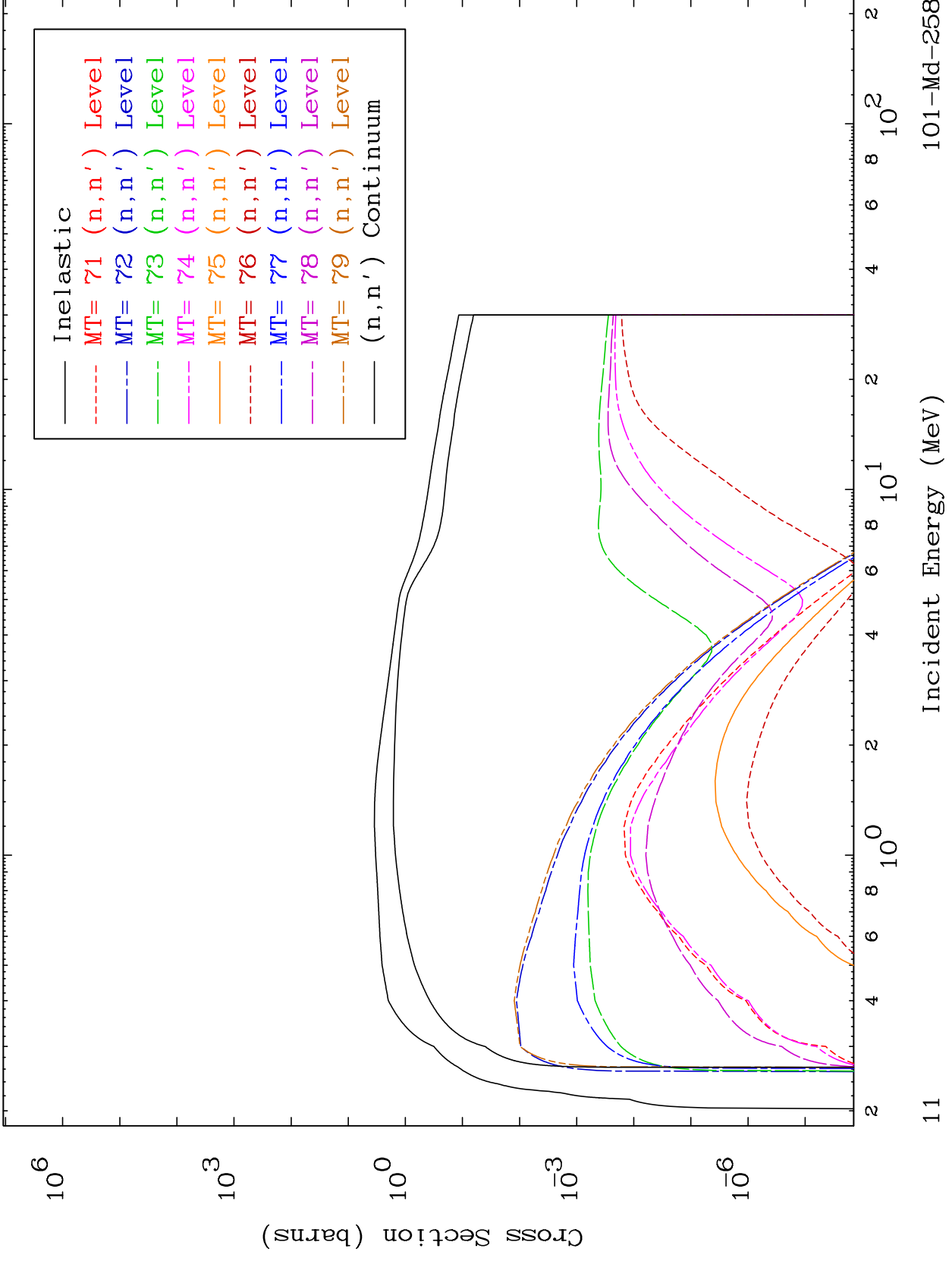
293 Kelvin Cross Sections



10

Incident Energy (MeV)

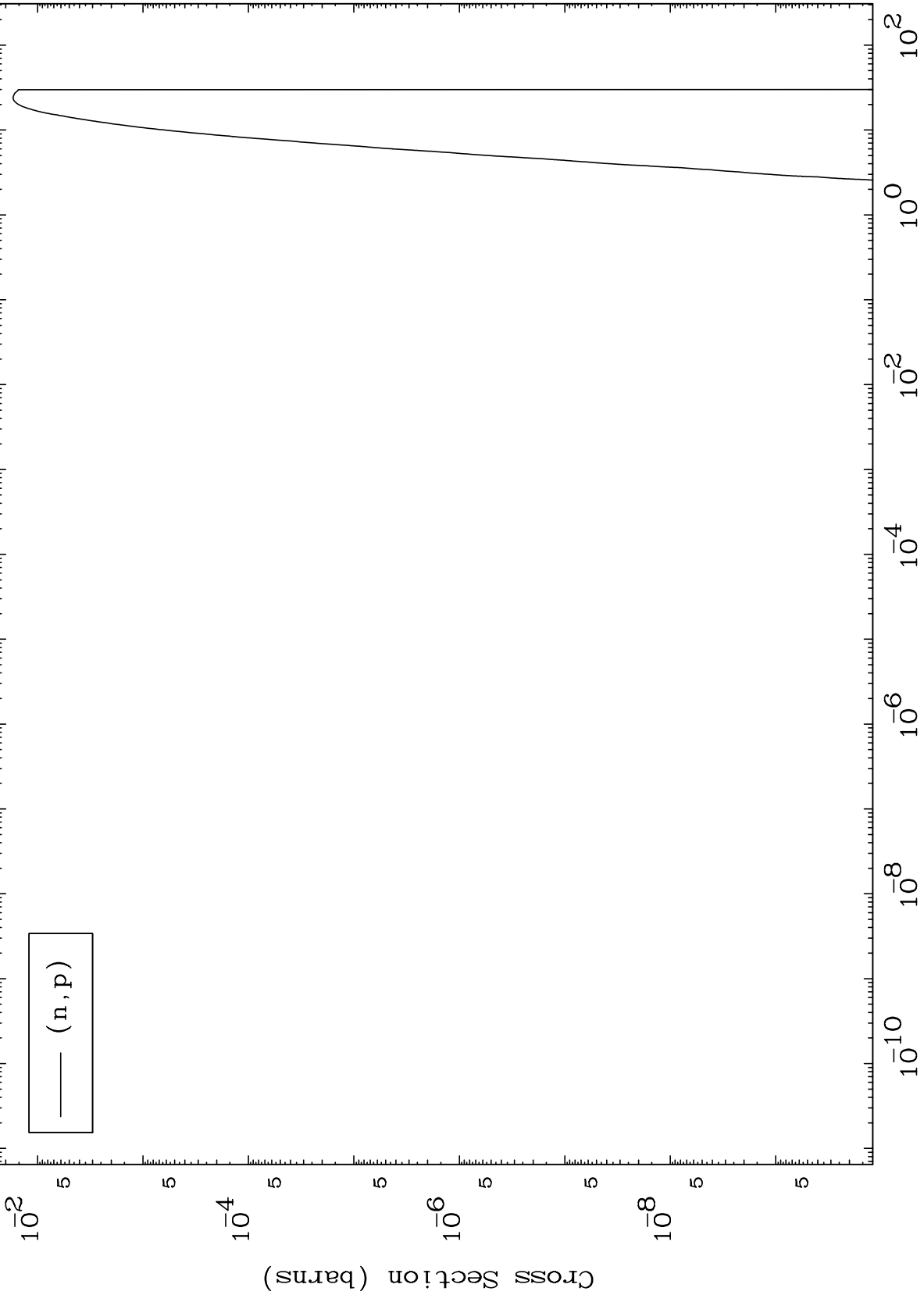
101-Md-258



MAT 9959

(n,p) Levels
293 Kelvin Cross Sections

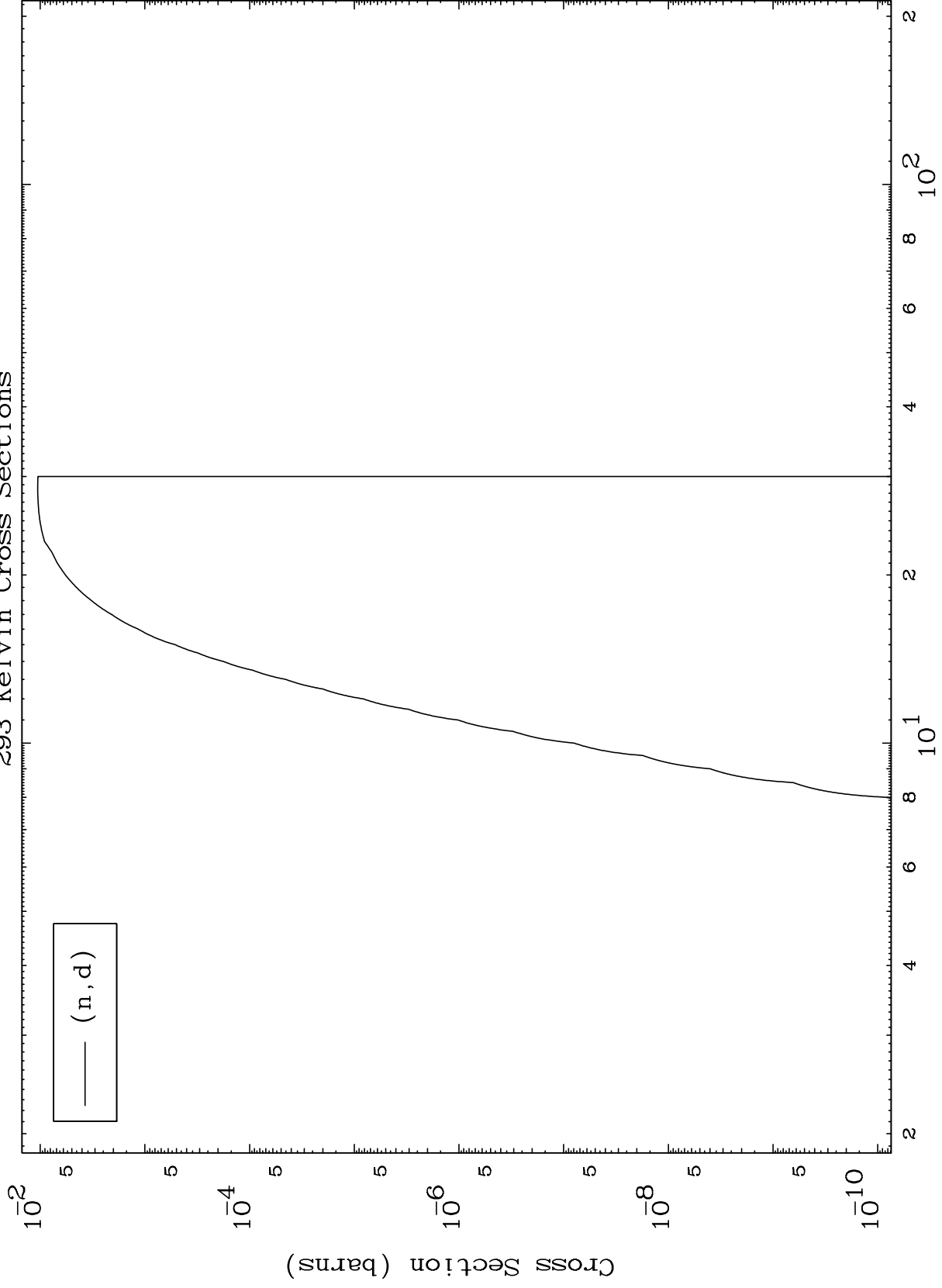
101-Md-258



MAT 9959

(n,d) Levels
293 Kelvin Cross Sections

101-Md-258



13

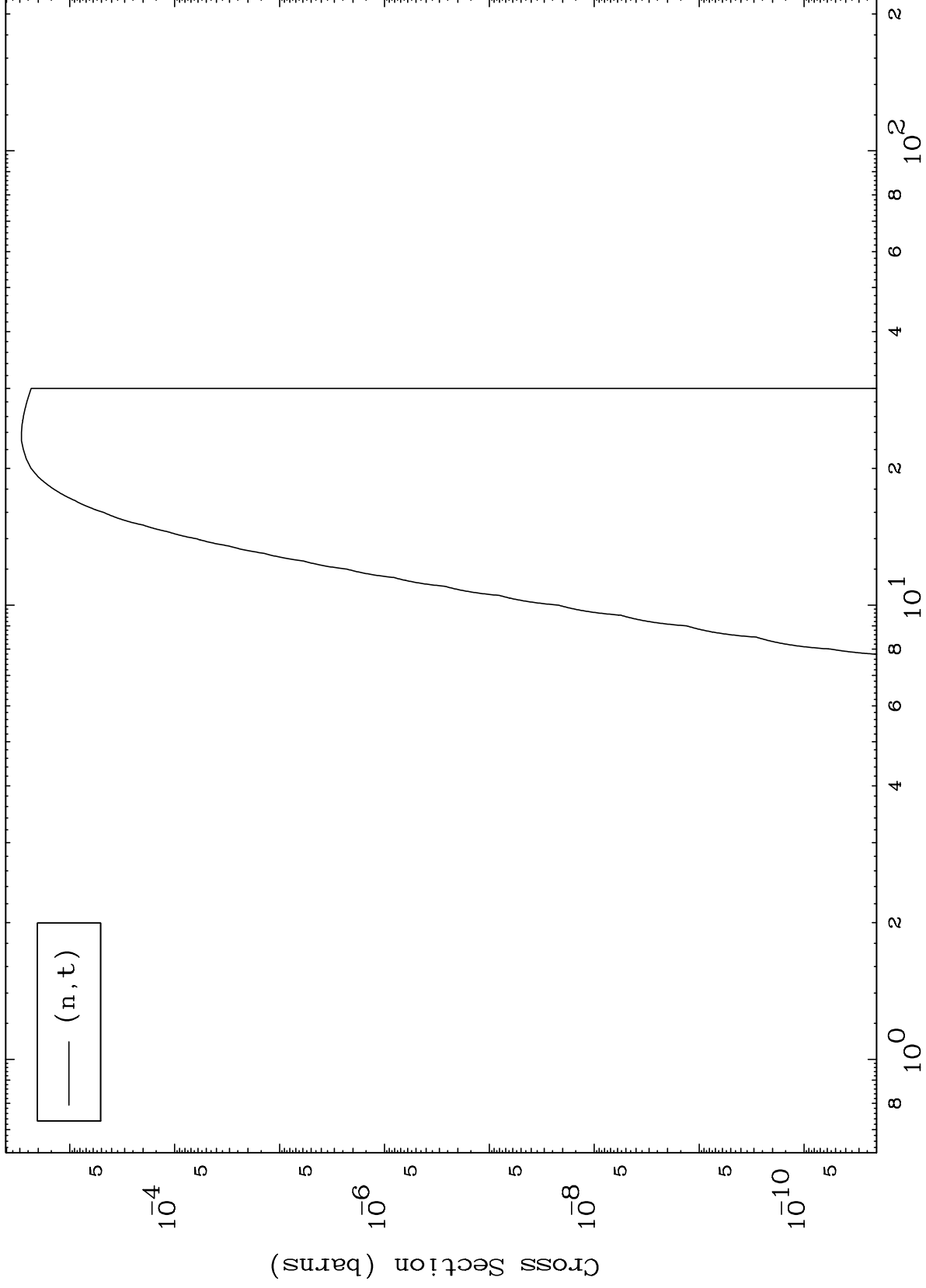
Incident Energy (MeV)

101-Md-258

MAT 9959

(n,t) Levels
293 Kelvin Cross Sections

101-Md-258



14

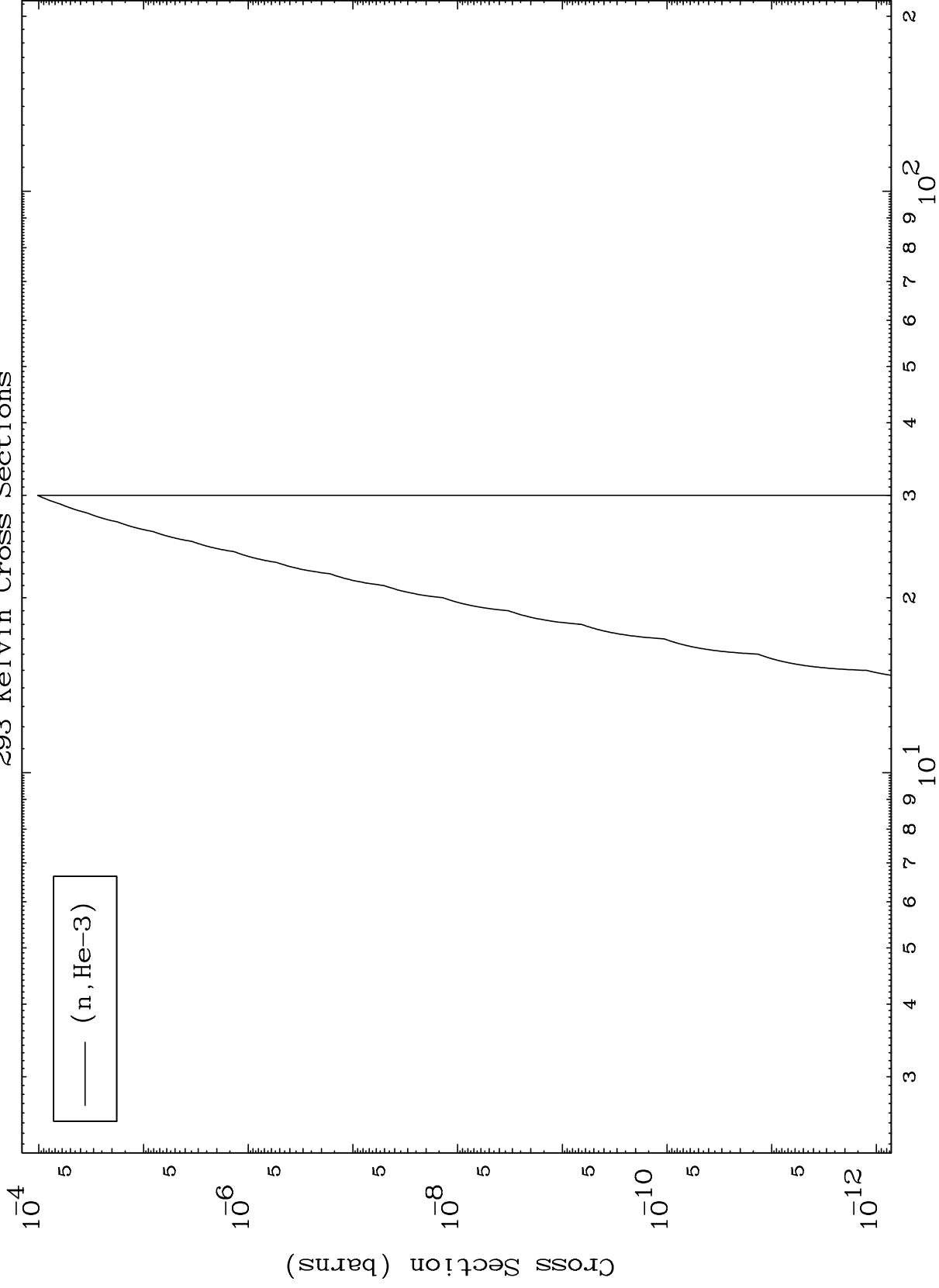
Incident Energy (MeV)

101-Md-258

MAT 9959

(n,He3) Levels
293 Kelvin Cross Sections

101-Md-258



15

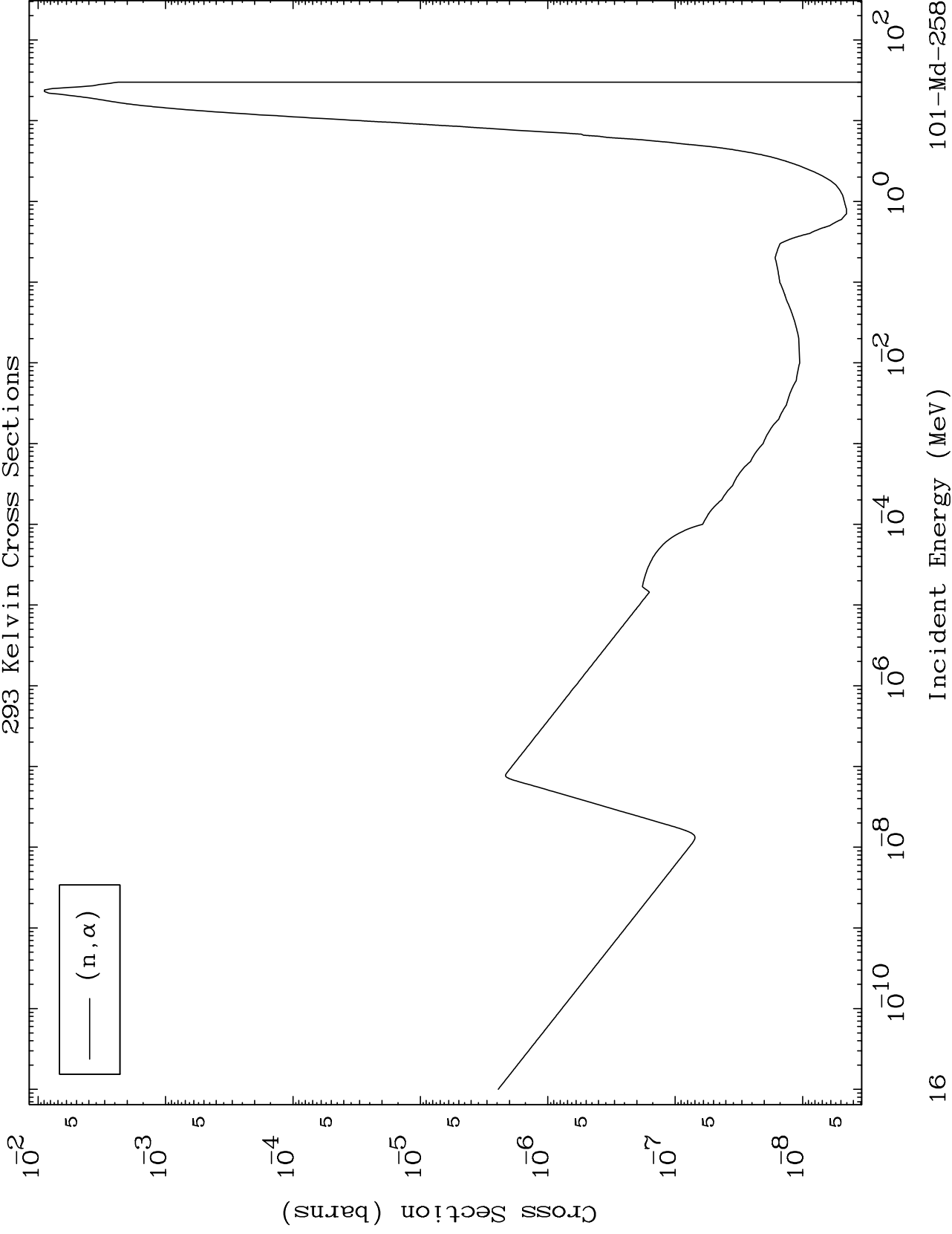
Incident Energy (MeV)

101-Md-258

MAT 9959

(n, α) Levels
293 Kelvin Cross Sections

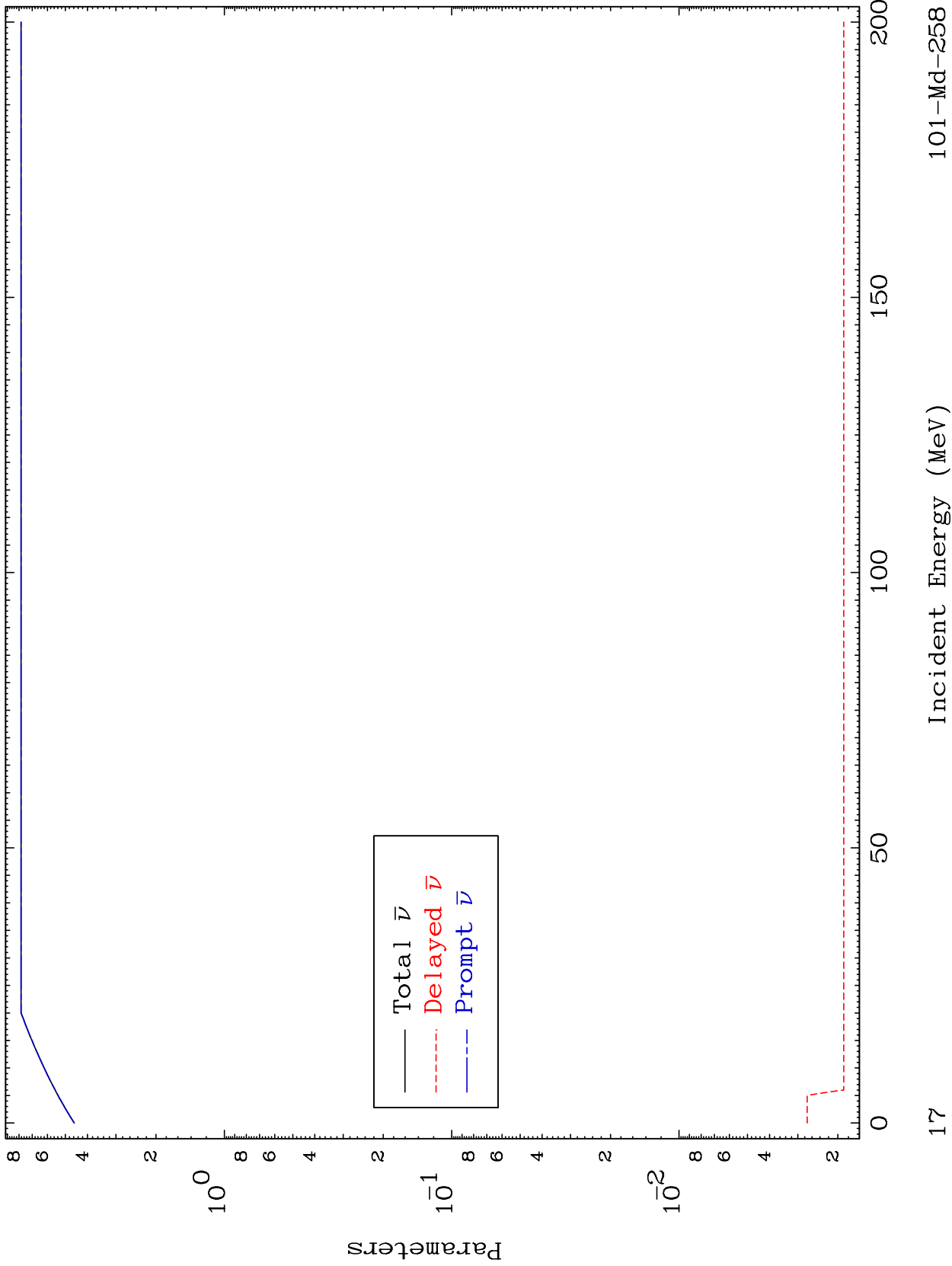
101-Md-258



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Energy Release
Parameters

101-Md-258



17

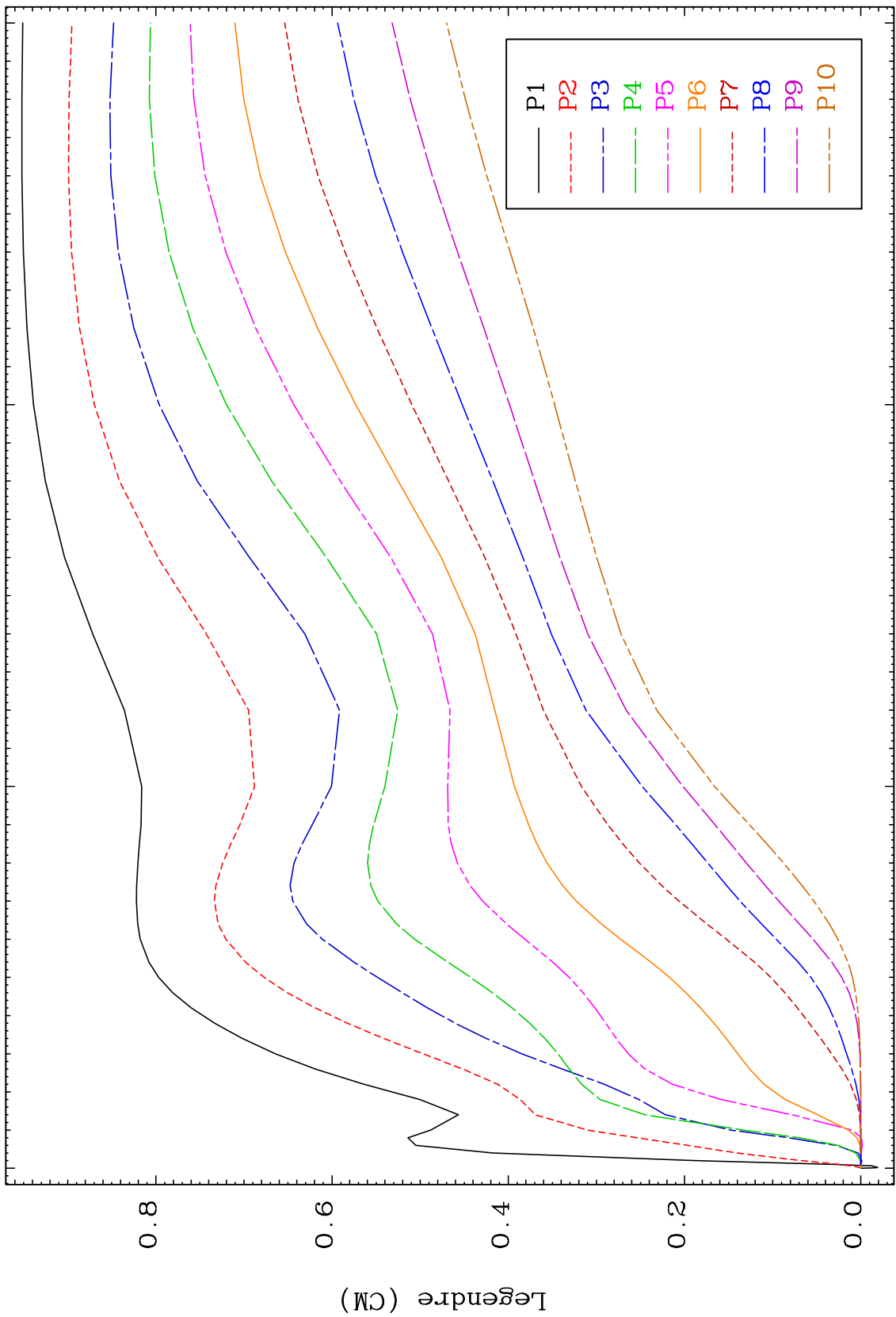
Incident Energy (MeV)

101-Md-258

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101-Md-258

Elastic Legendre Coefficients



18

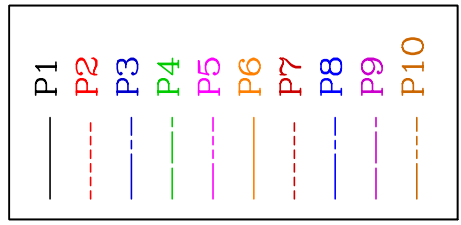
Incident Energy (MeV)

101-Md-258

30

10

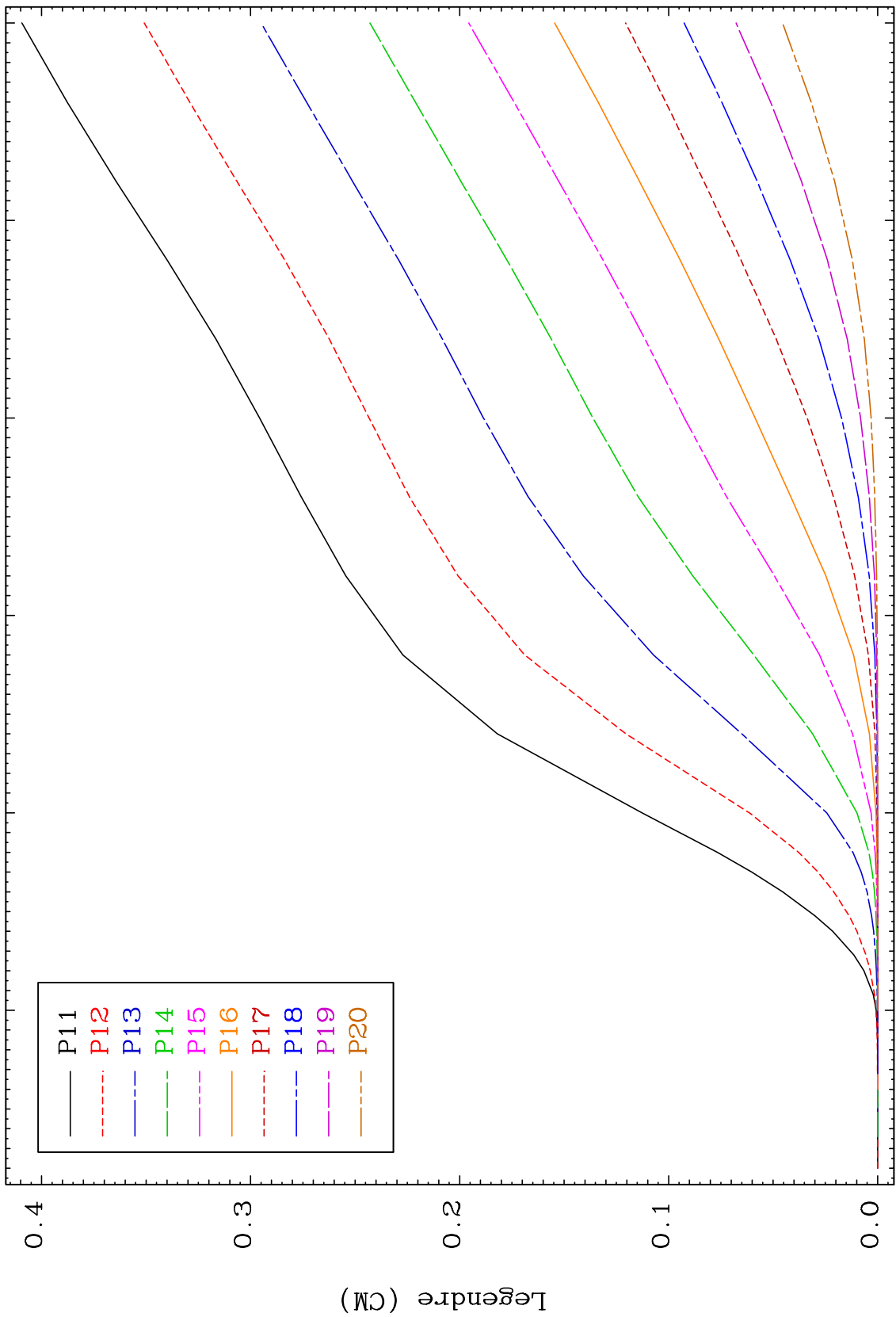
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Elastic Legendre Coefficients

101-Md-258



19

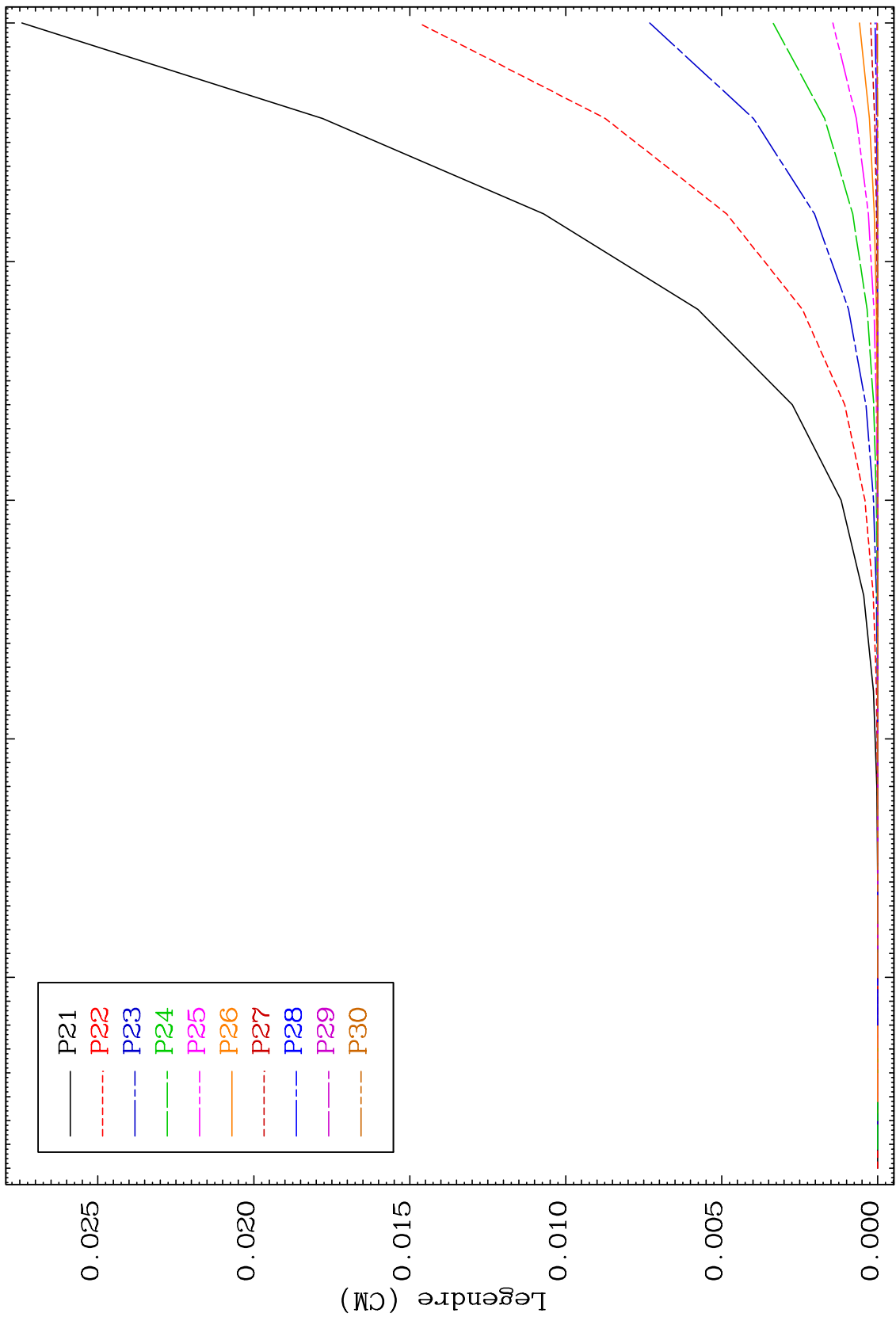
Incident Energy (MeV)

101-Md-258

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Elastic Legendre Coefficients

101-Md-258



20

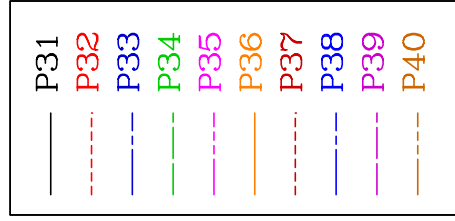
Incident Energy (MeV)

101-Md-258

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Elastic
Legendre Coefficients

101-Md-258



$\times 10^{-6}$

Legendre (CM)

3

2

1

0

15

20

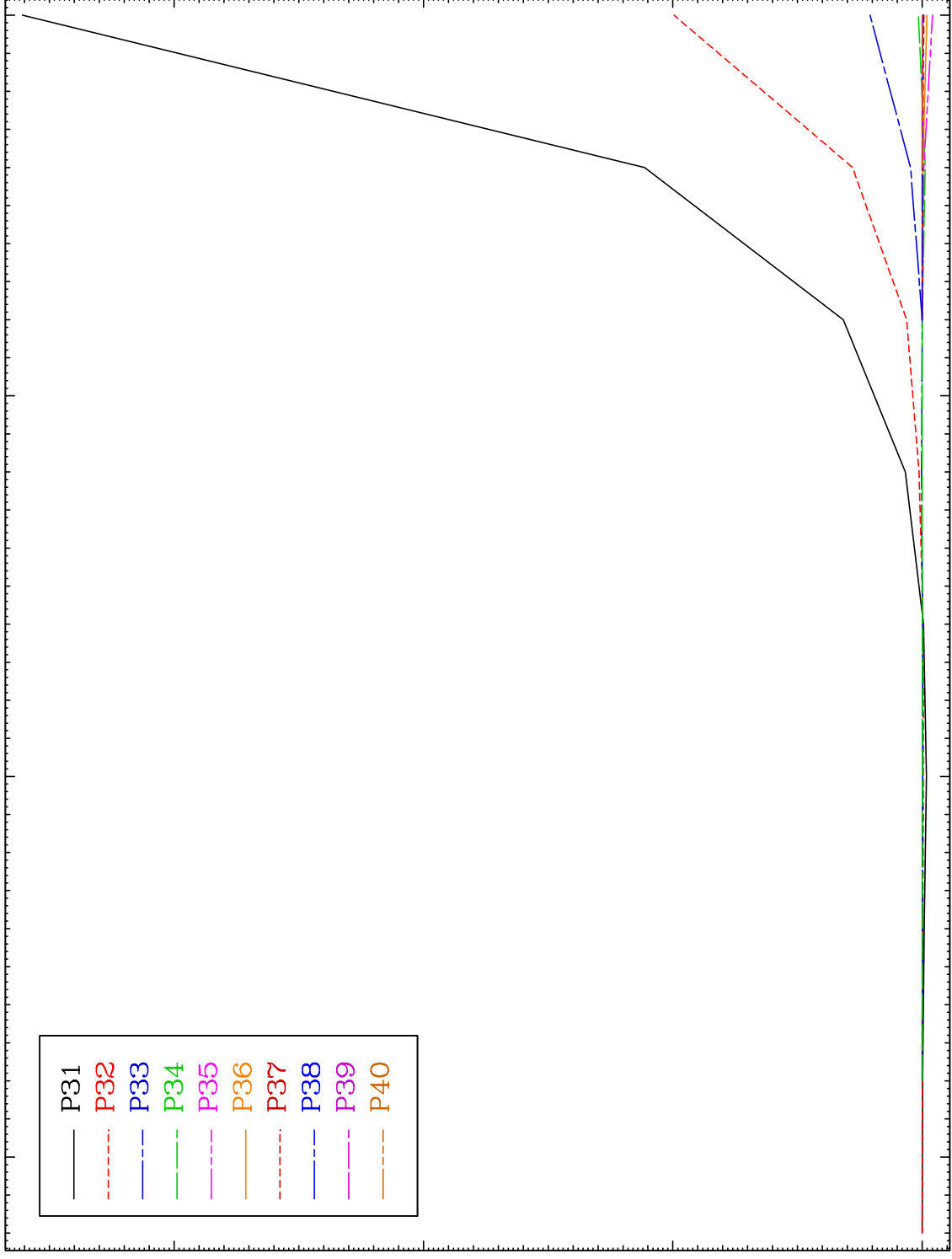
25

30

21

Incident Energy (MeV)

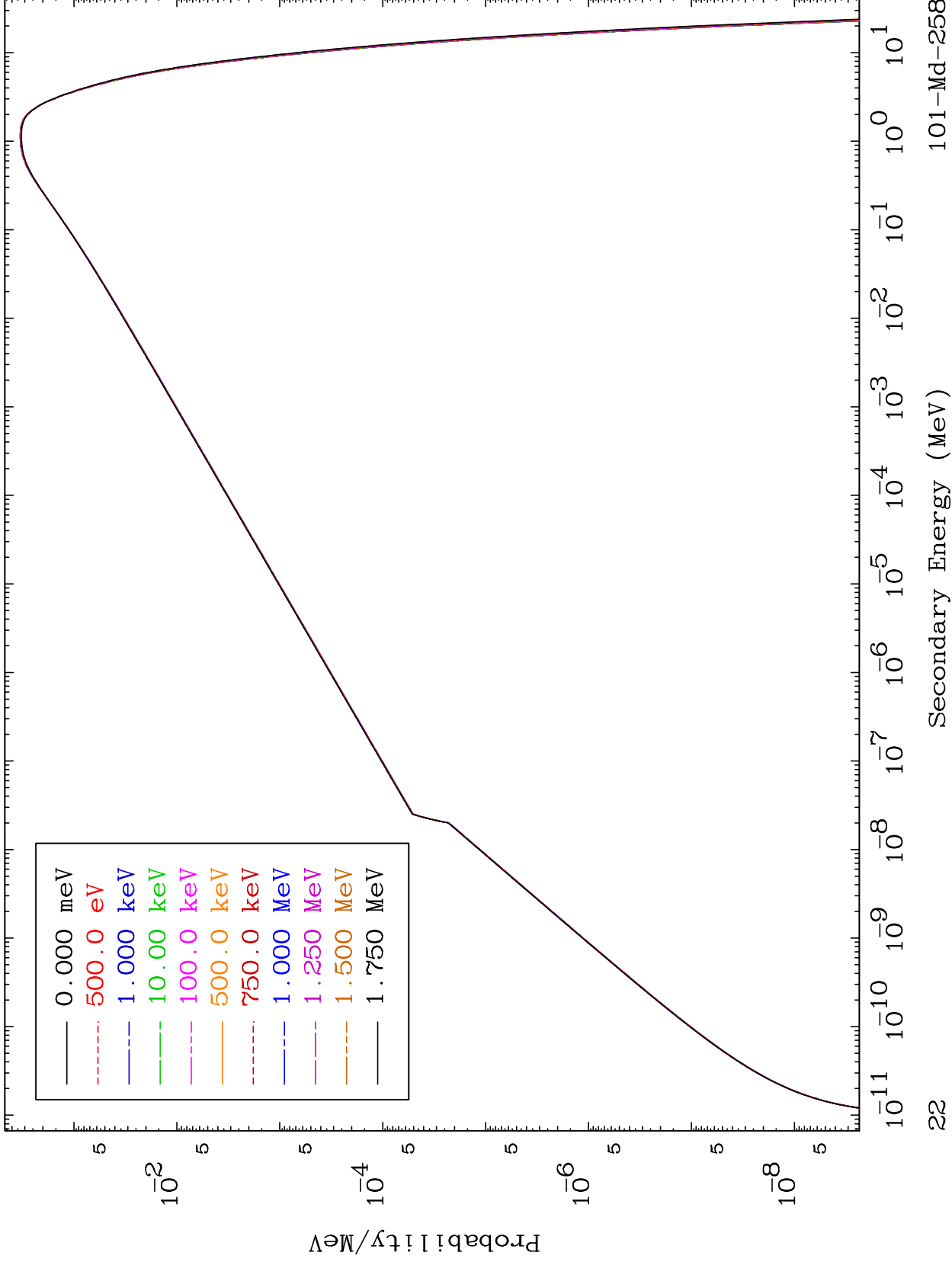
101-Md-258



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Fission Energy Distributions

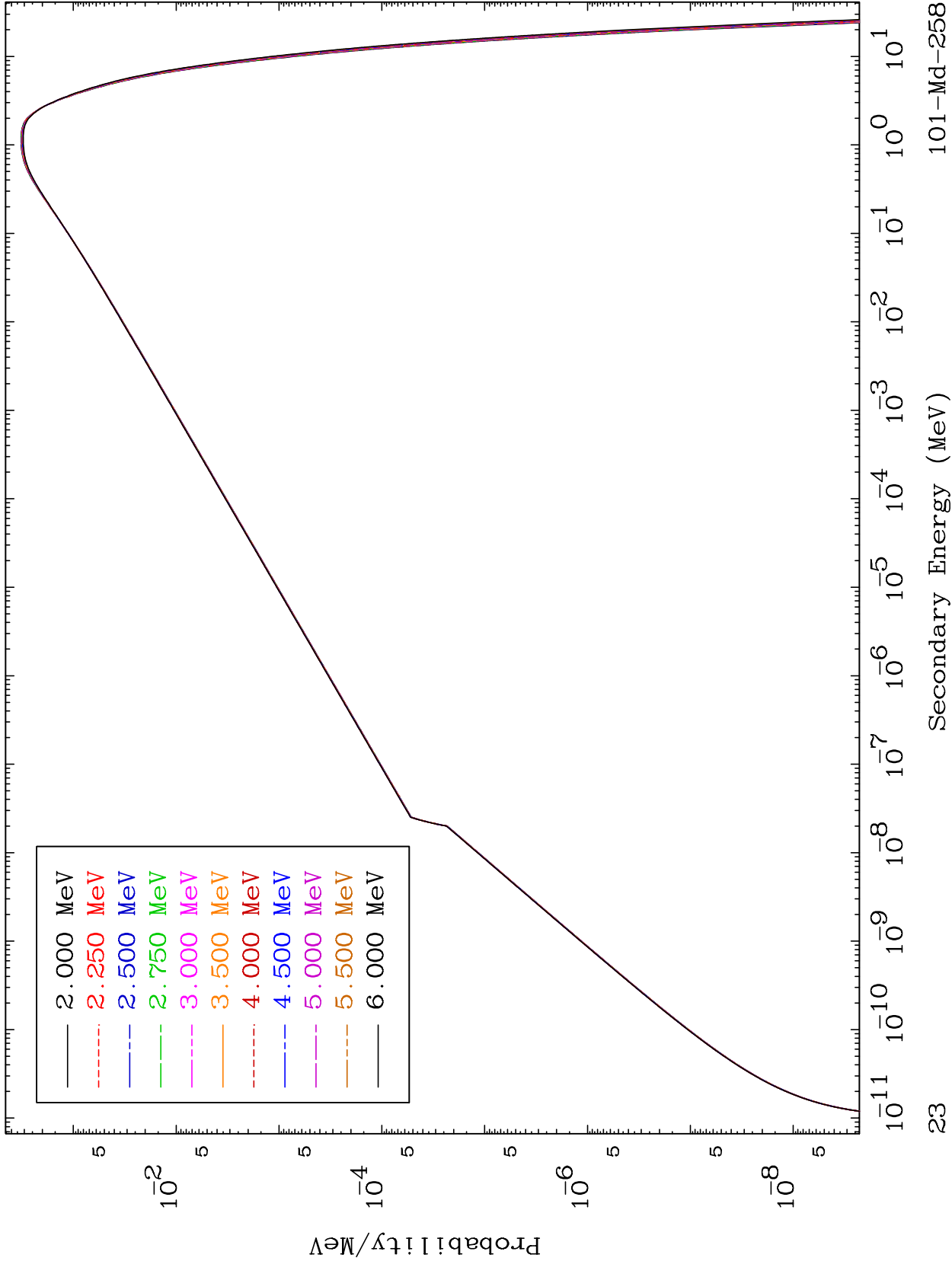
101-Md-258



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Fission Energy Distributions

101-Md-258



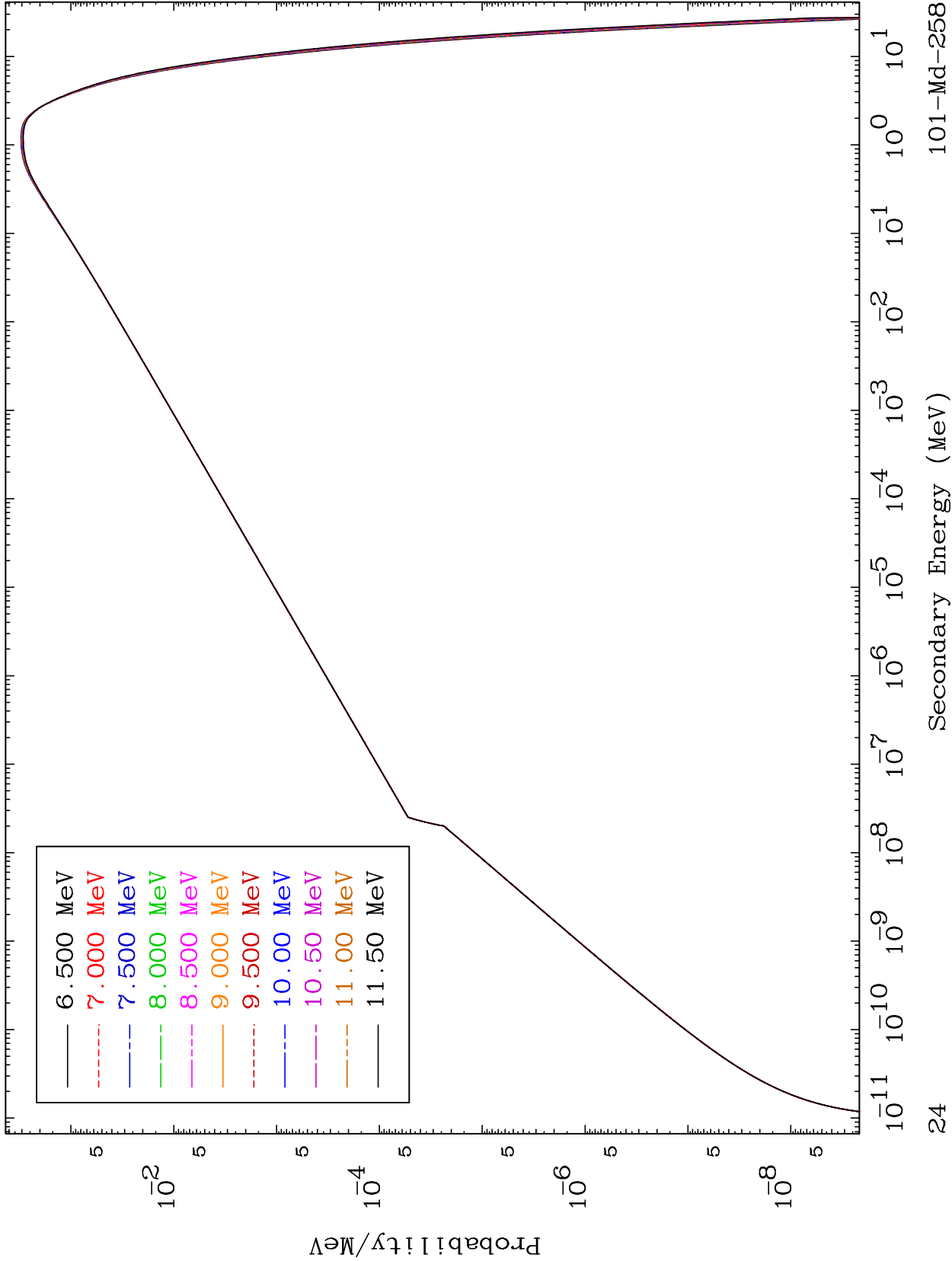
101-Md-258

Secondary Energy (MeV)

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Fission Energy Distributions

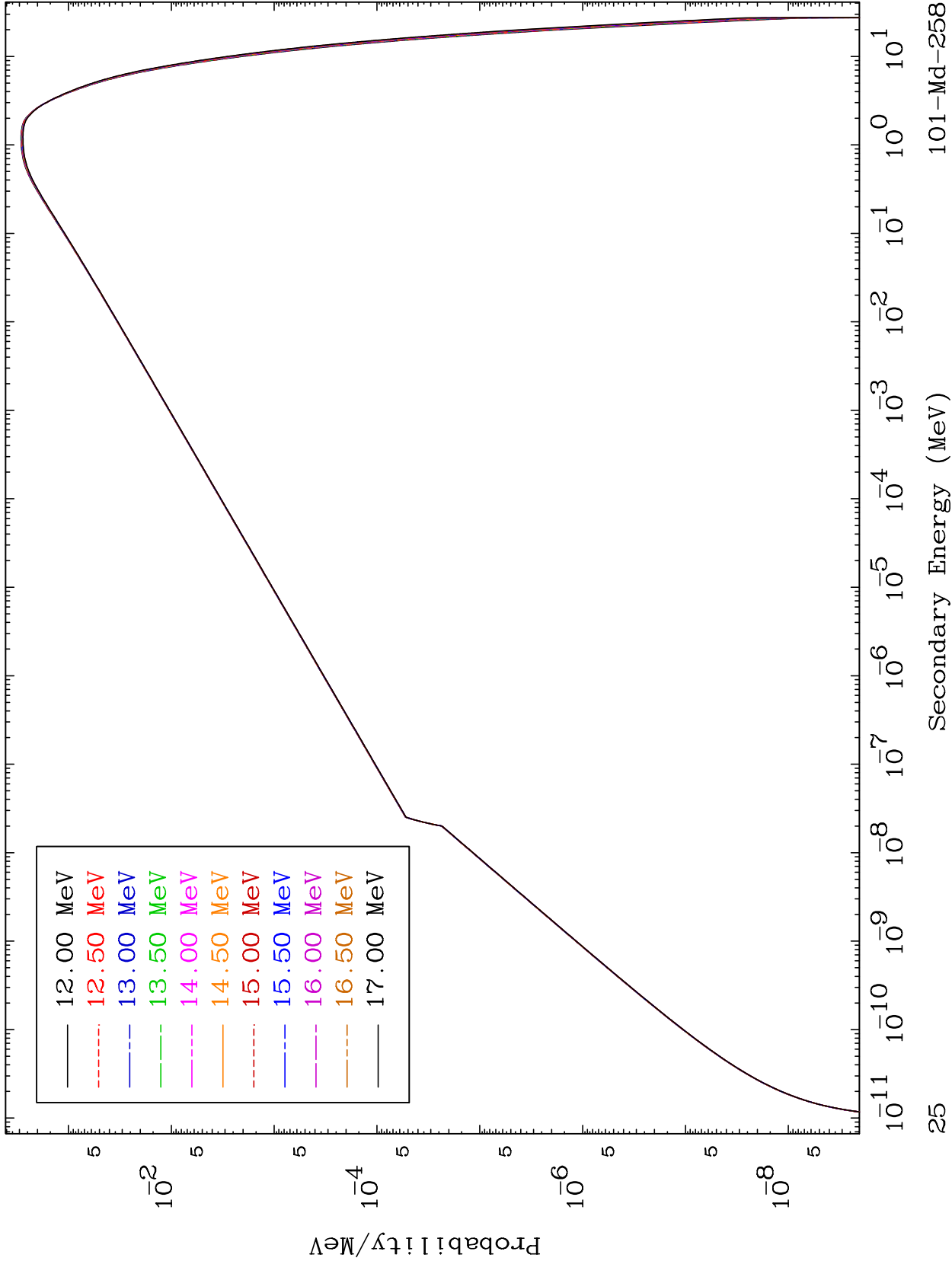
101-Md-258



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Fission Energy Distributions

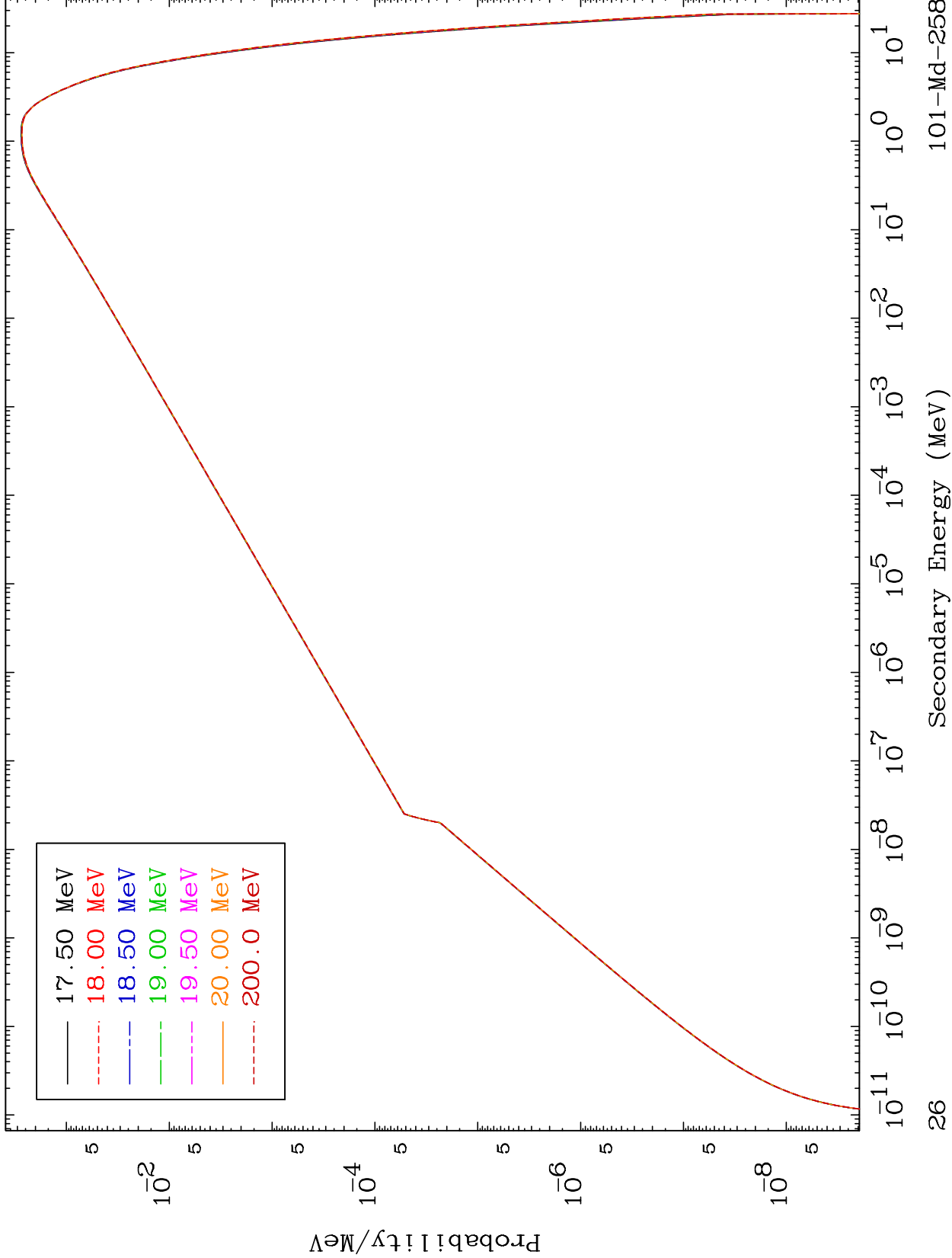
101-Md-258



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Fission Energy Distributions

101-Md-258



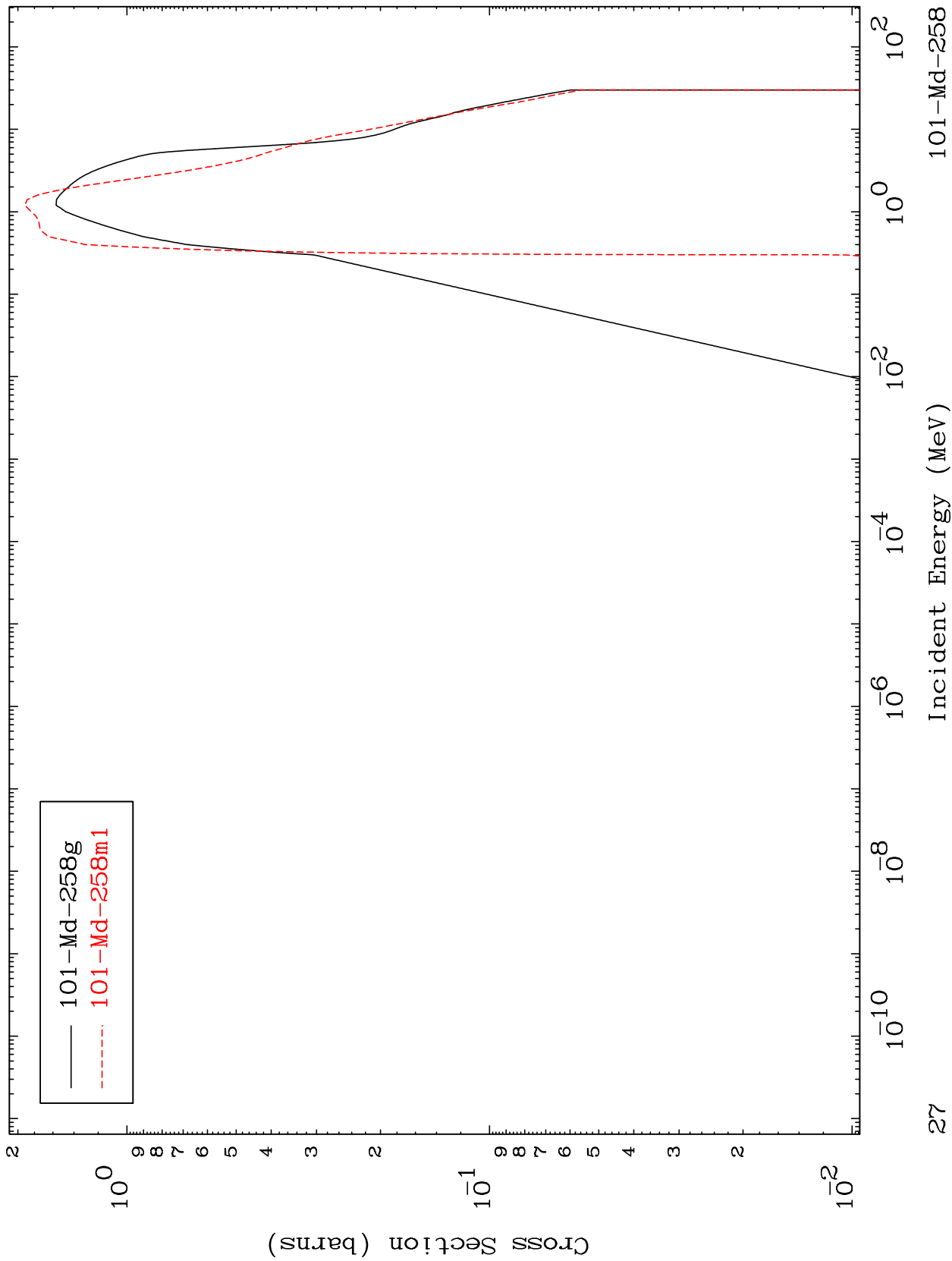
- 17.50 MeV
- 18.00 MeV
- 18.50 MeV
- 19.00 MeV
- 19.50 MeV
- 20.00 MeV
- 200.0 MeV

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Inelastic

101-Md-258

Radionuclide Production Cross Section

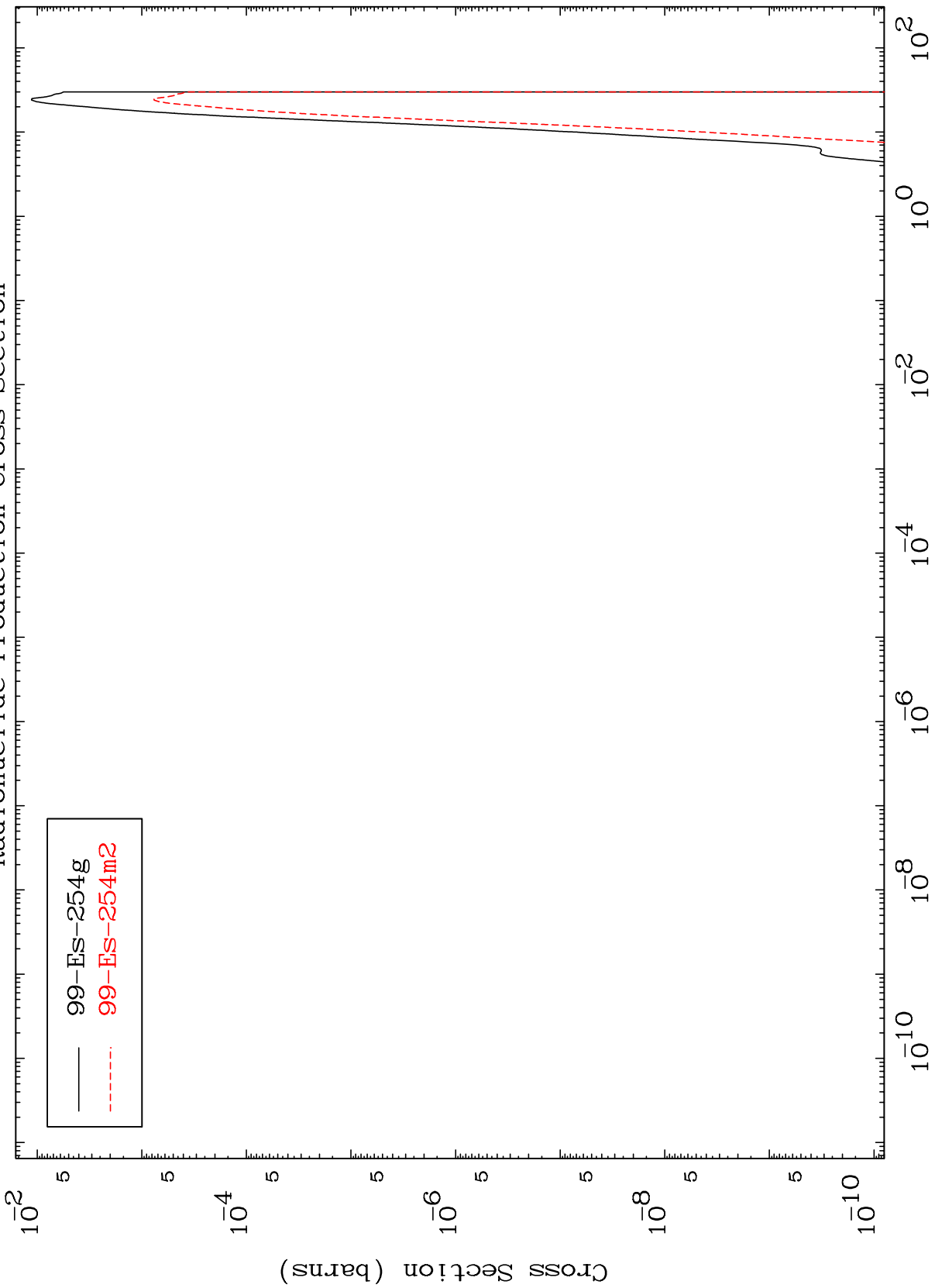


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(n,n') α

101-Md-258

Radionuclide Production Cross Section



99-Es-254g
99-Es-254m2

Incident Energy (MeV)

101-Md-258