

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

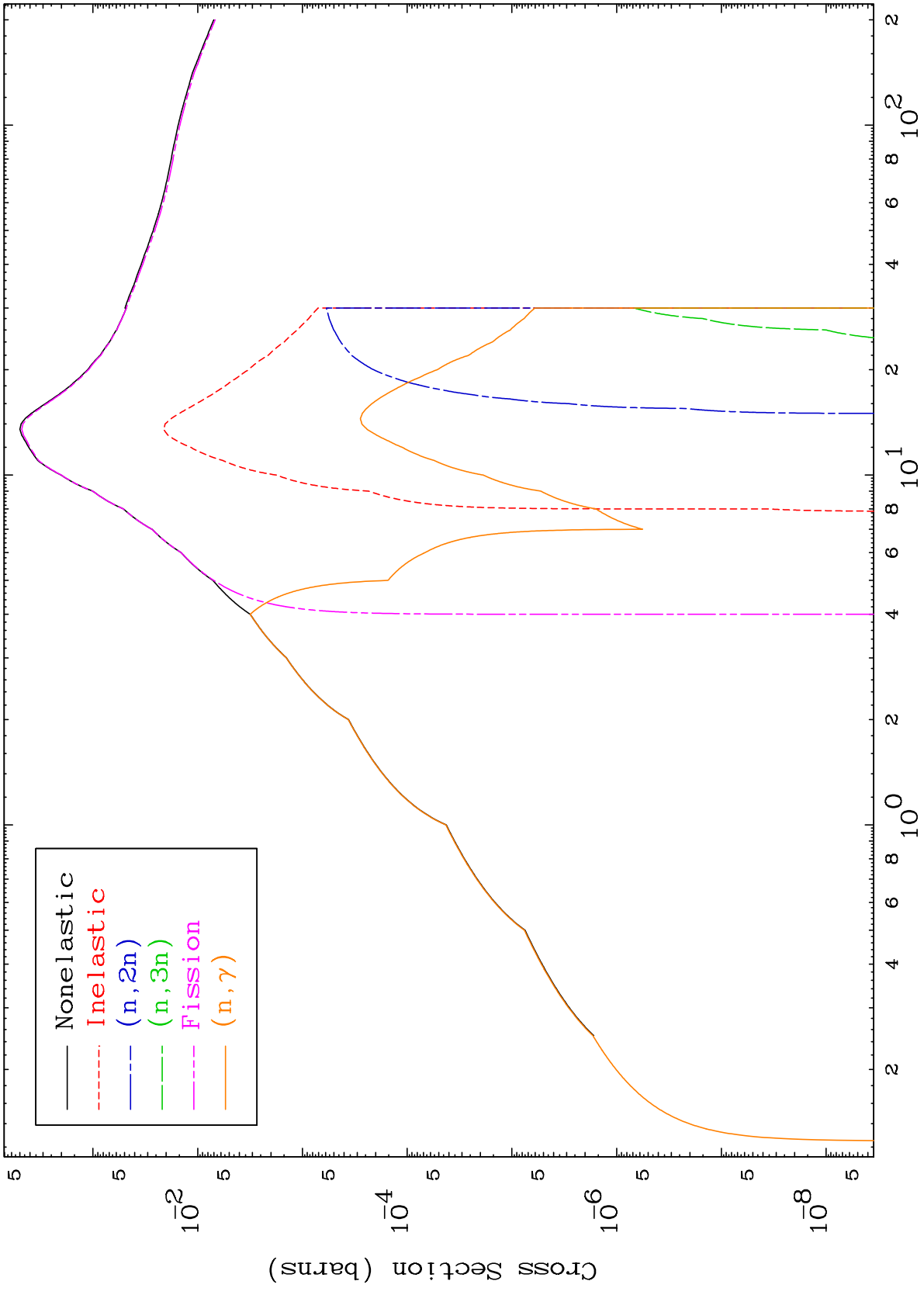
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9619

0 Kelvin Major  
Photon Cross Sections

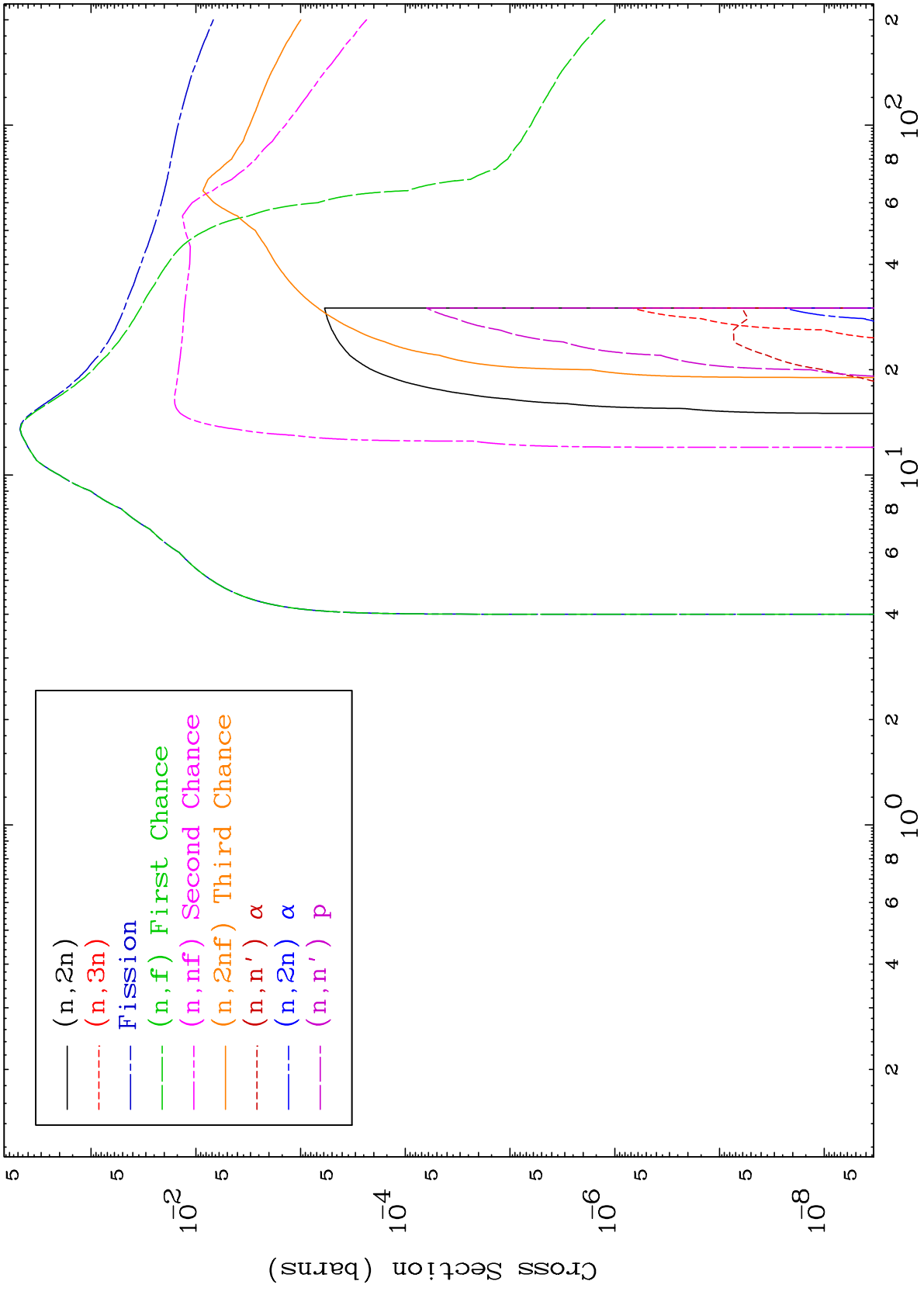
96-Cm-238



MAT 9619

Photon Neutron Absorption  
0 Kelvin Cross Sections

96-Cm-238



2

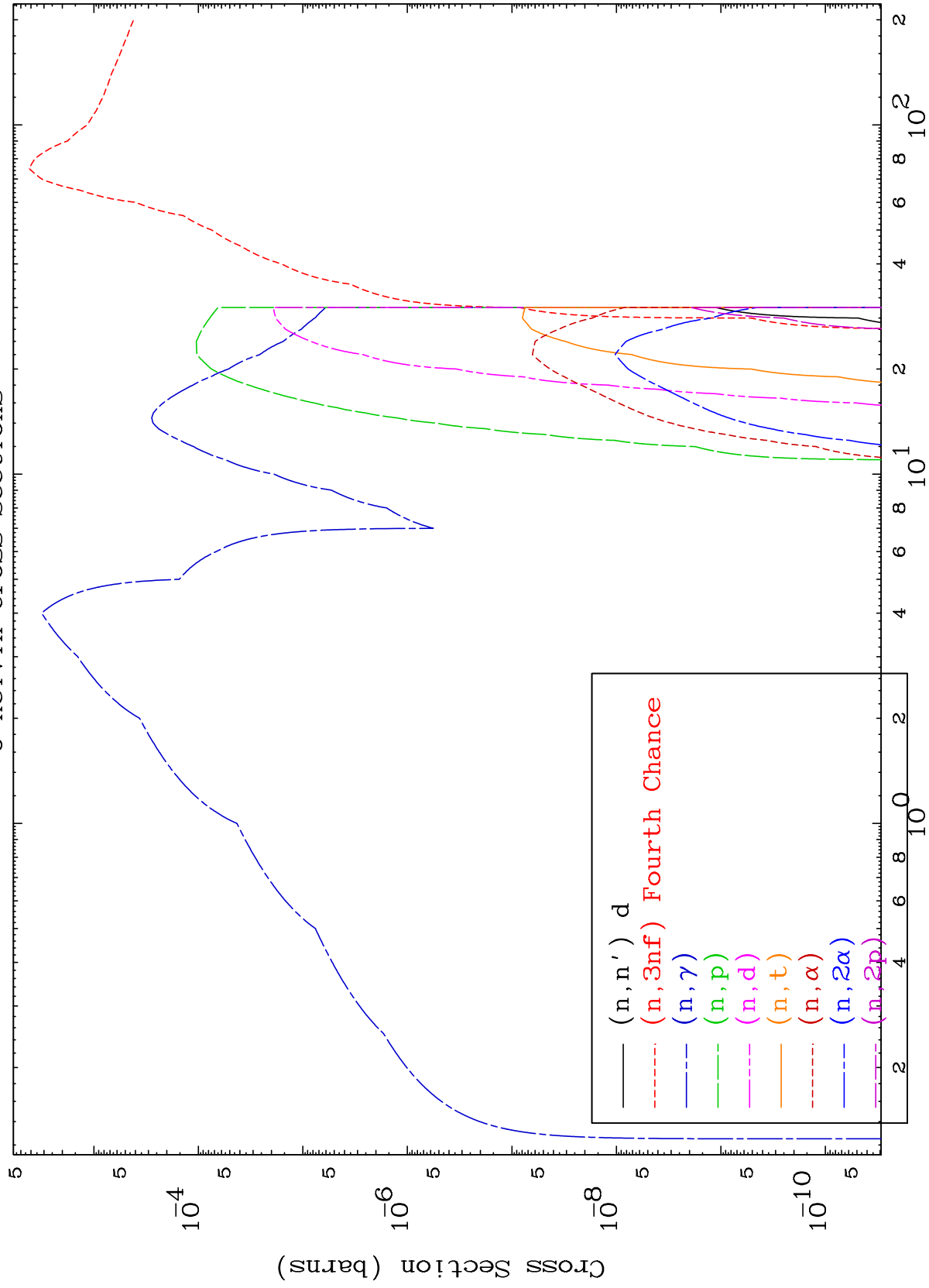
Incident Energy (MeV)

96-Cm-238

MAT 9619

Photon Neutron Absorption  
0 Kelvin Cross Sections

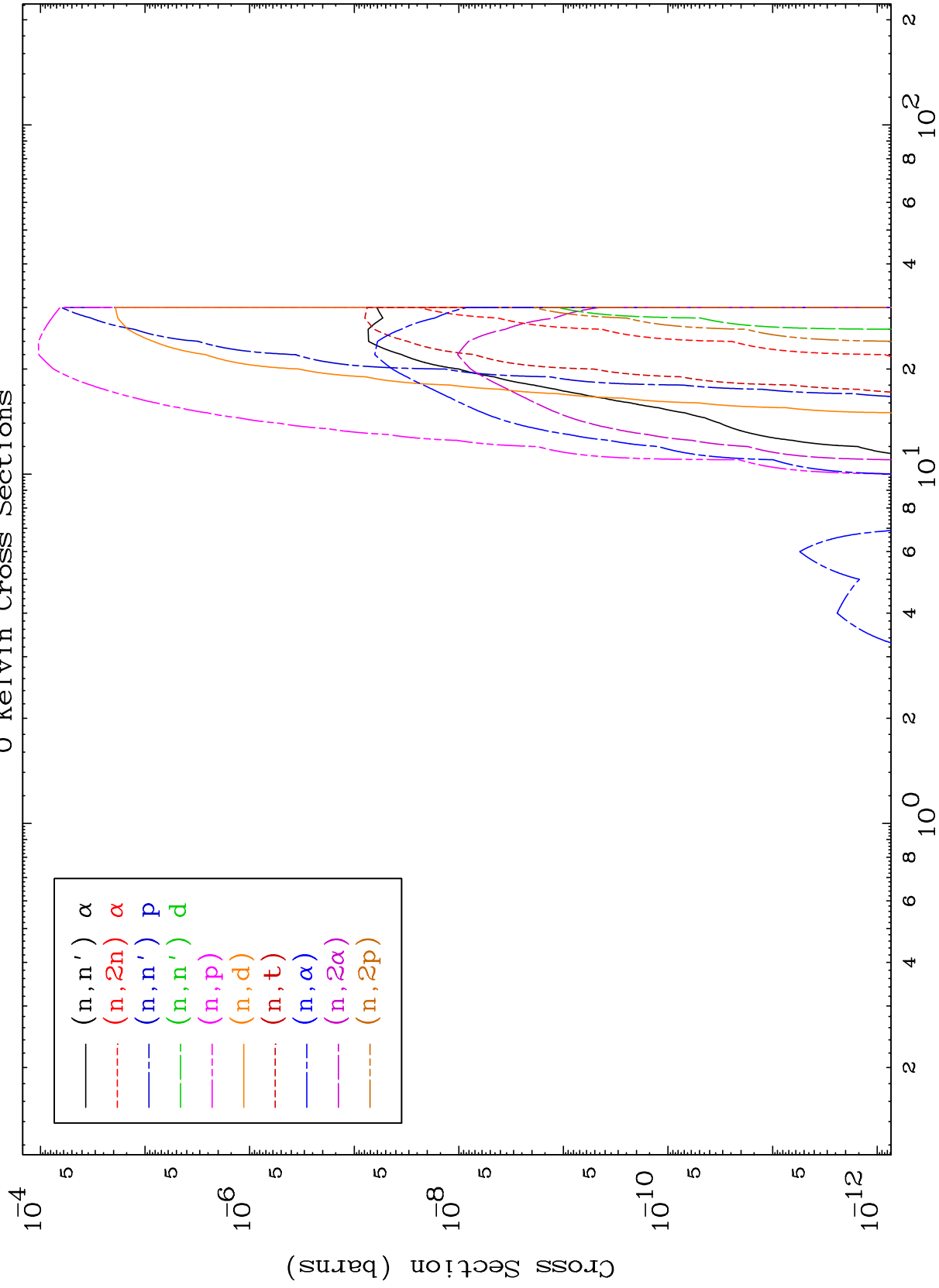
96-Cm-238



MAT 9619

Photon Charged Particle  
0 Kelvin Cross Sections

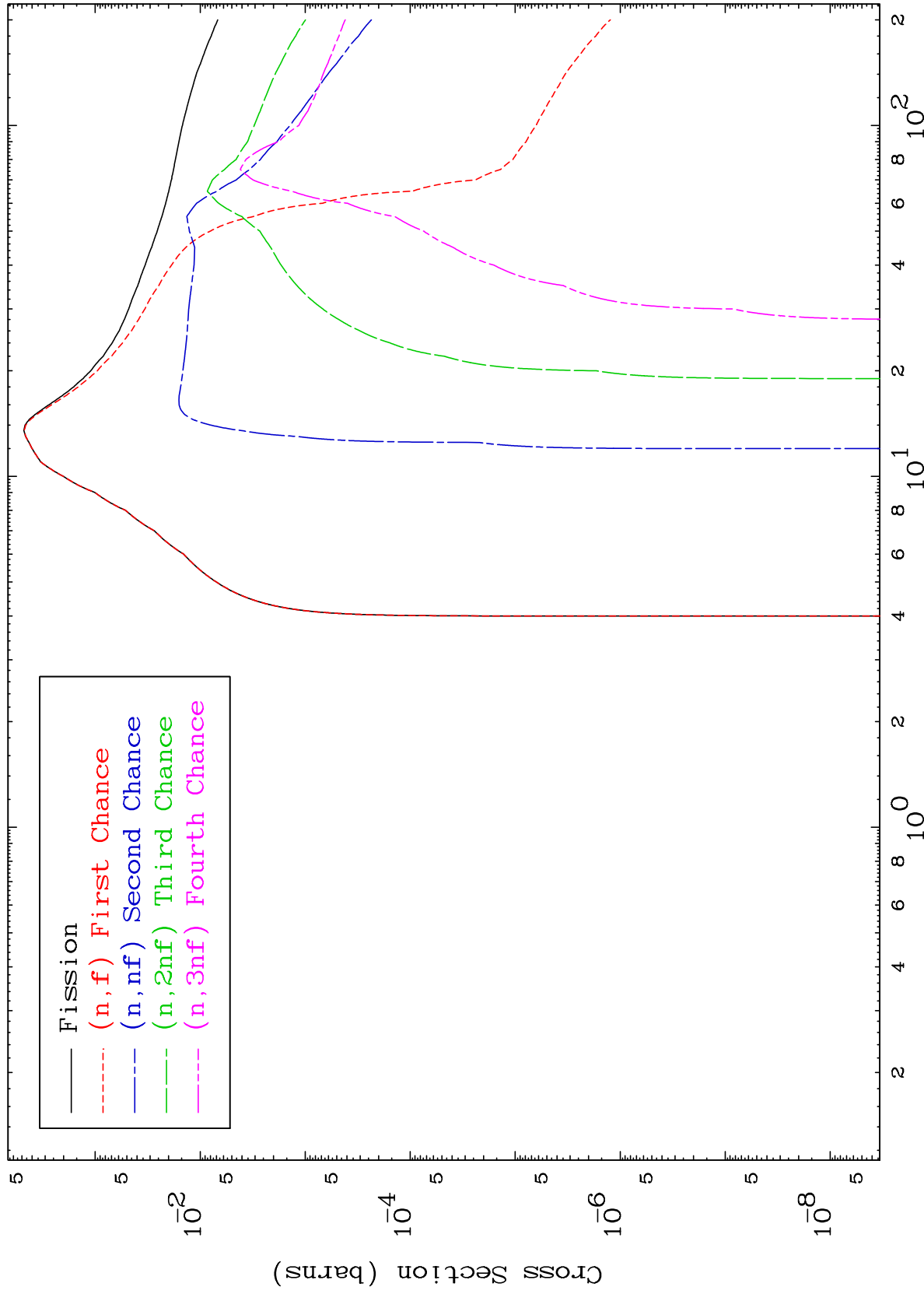
96-Cm-238



MAT 9619

0 Kelvin Fission Cross Sections

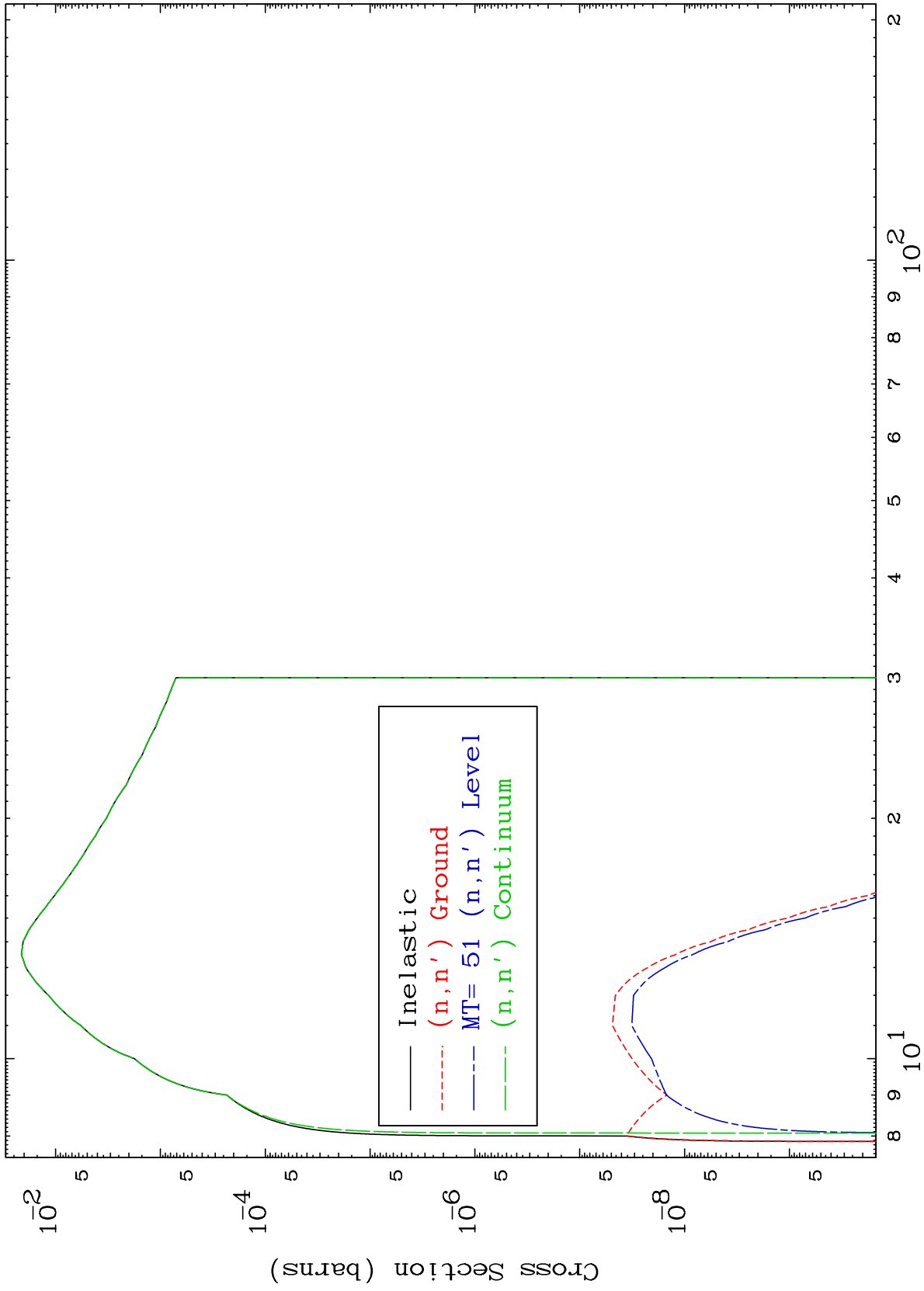
96-Cm-238



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96-Cm-238

( $\gamma, n'$ ) Levels  
0 Kelvin Cross Sections



96-Cm-238

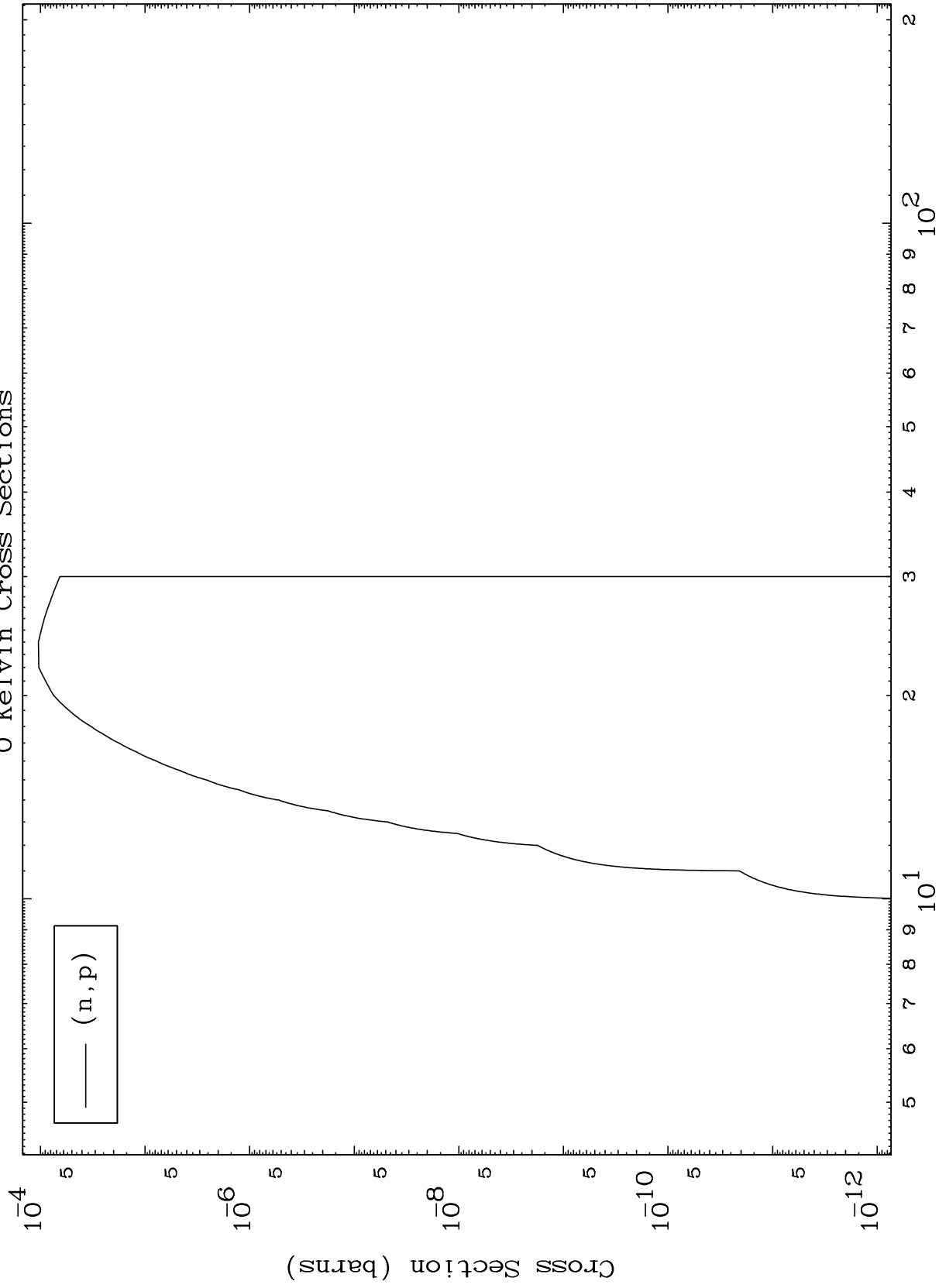
Incident Energy (MeV)

6

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96-Cm-238

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections



7

Incident Energy (MeV)

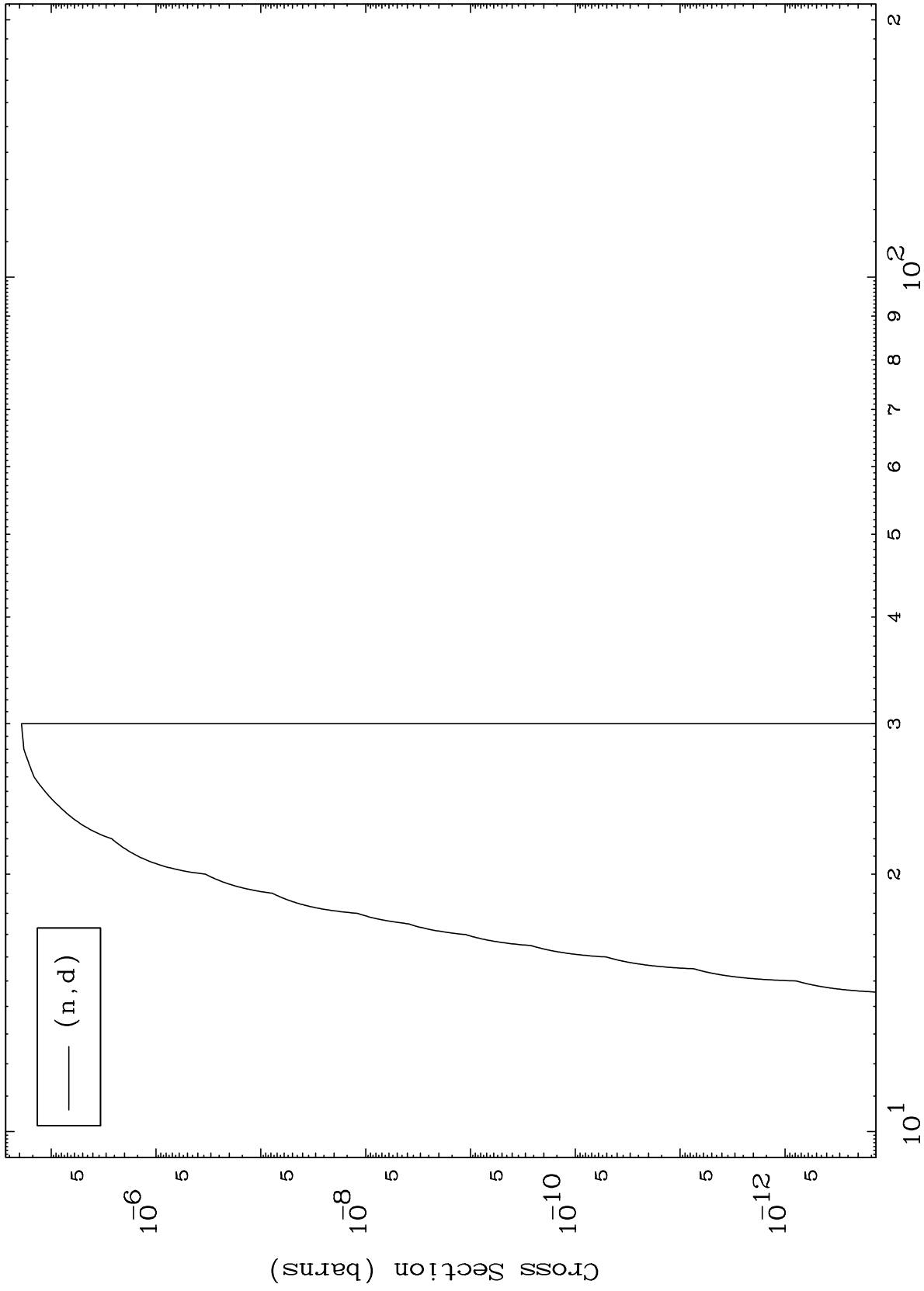
96-Cm-238



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( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

96-Cm-238



8

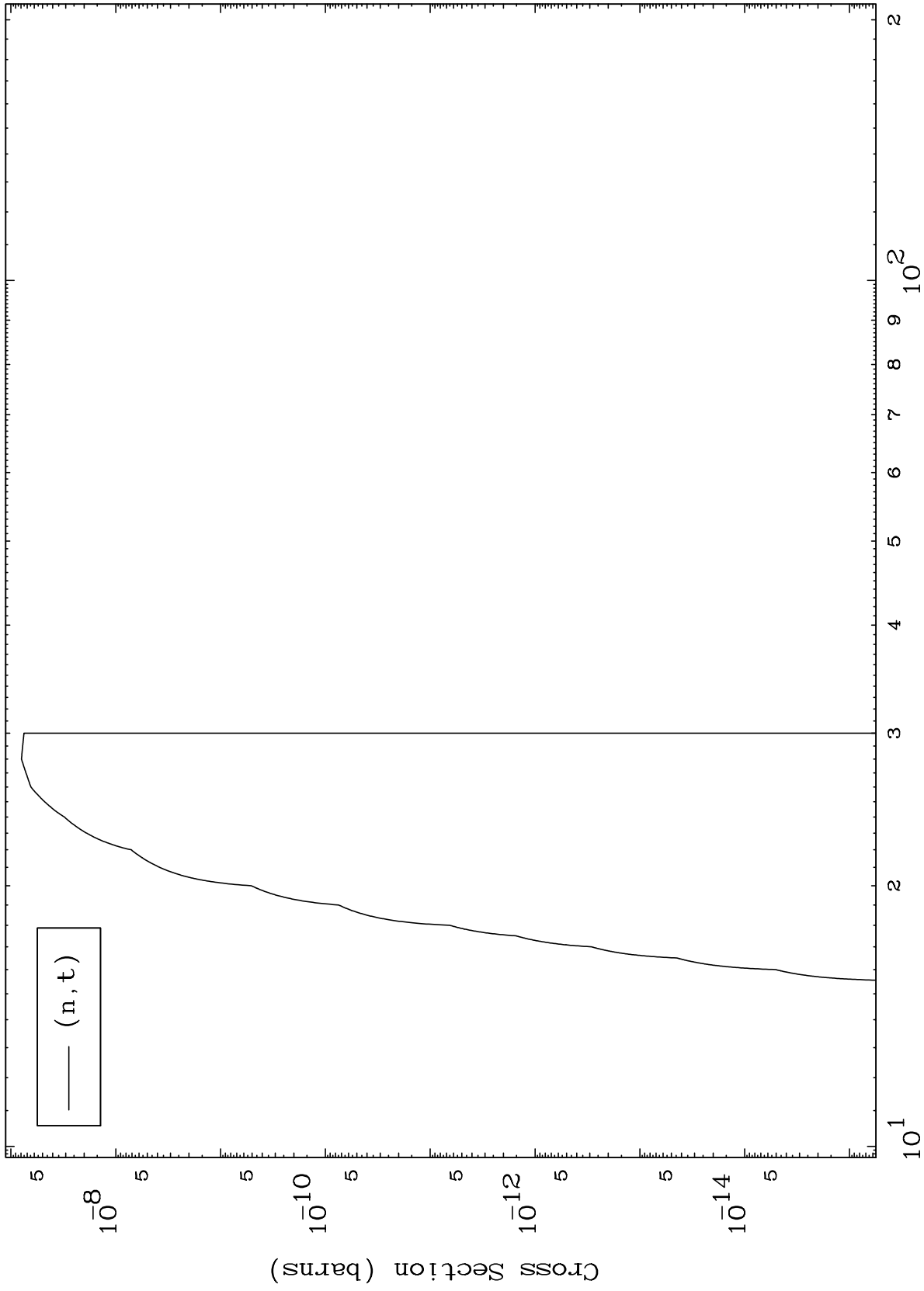
Incident Energy (MeV)

96-Cm-238

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( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

96-Cm-238



9

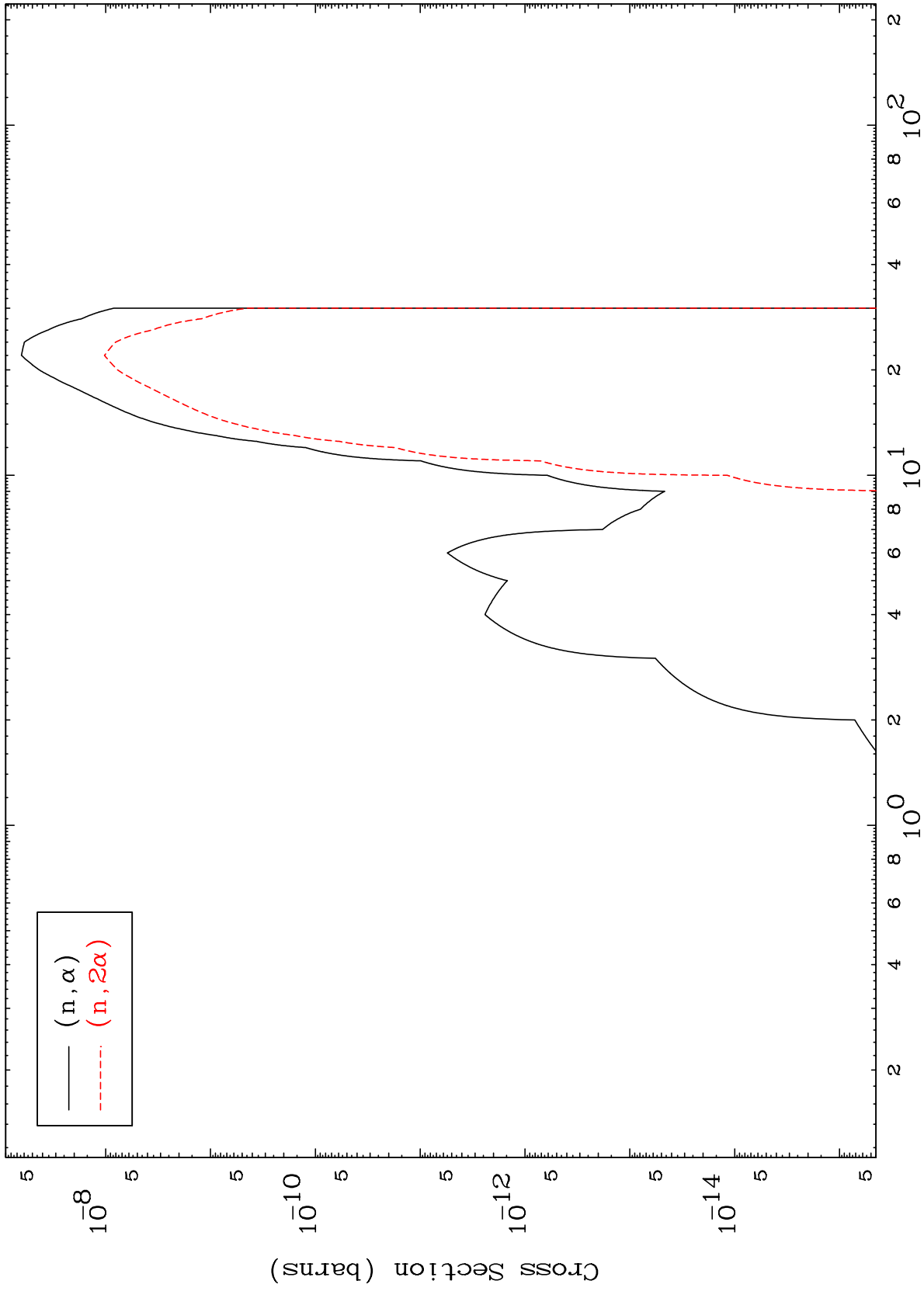
Incident Energy (MeV)

96-Cm-238

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( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

96-Cm-238



10

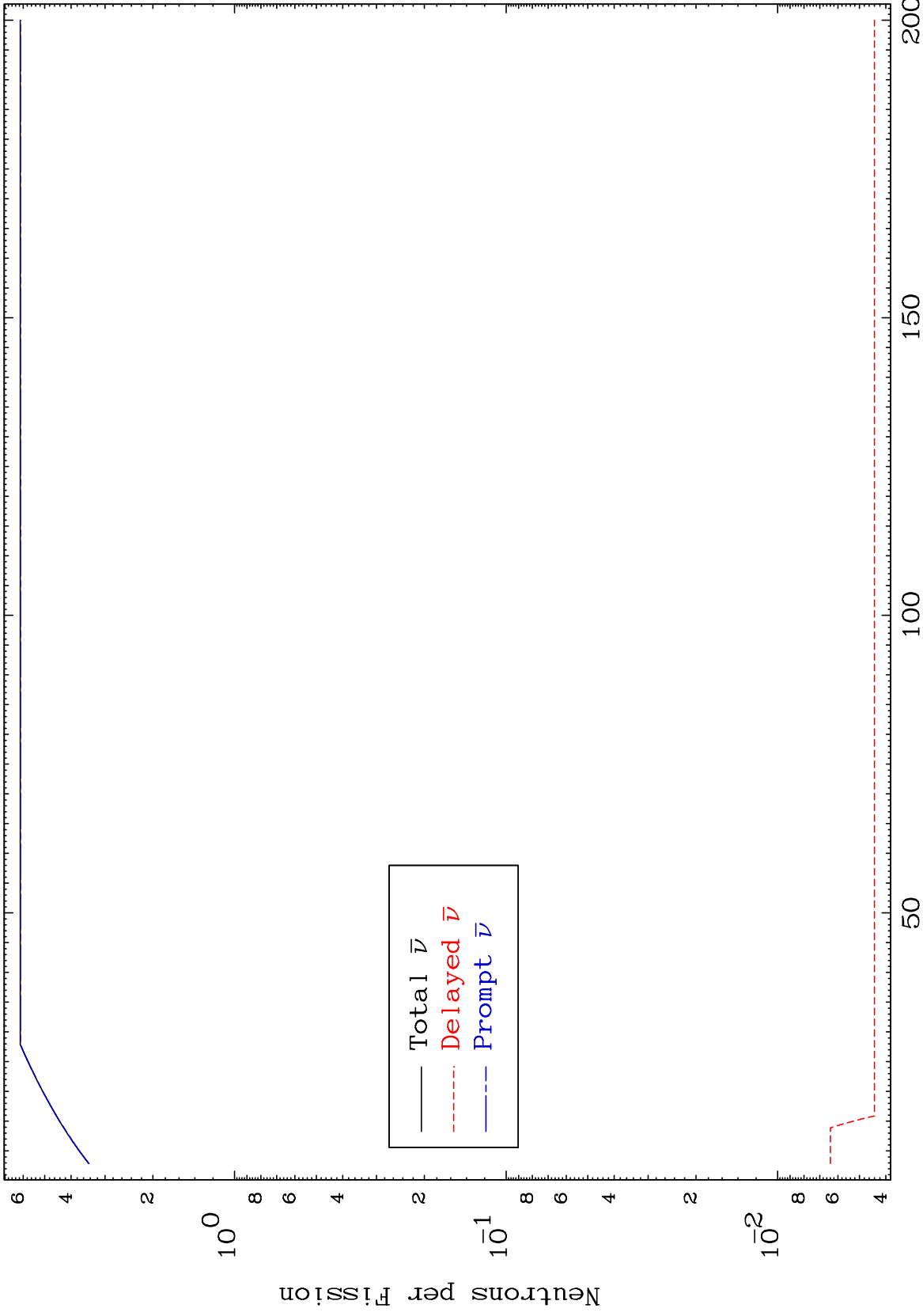
Incident Energy (MeV)

96-Cm-238

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Photon Neutrons  
per Fission

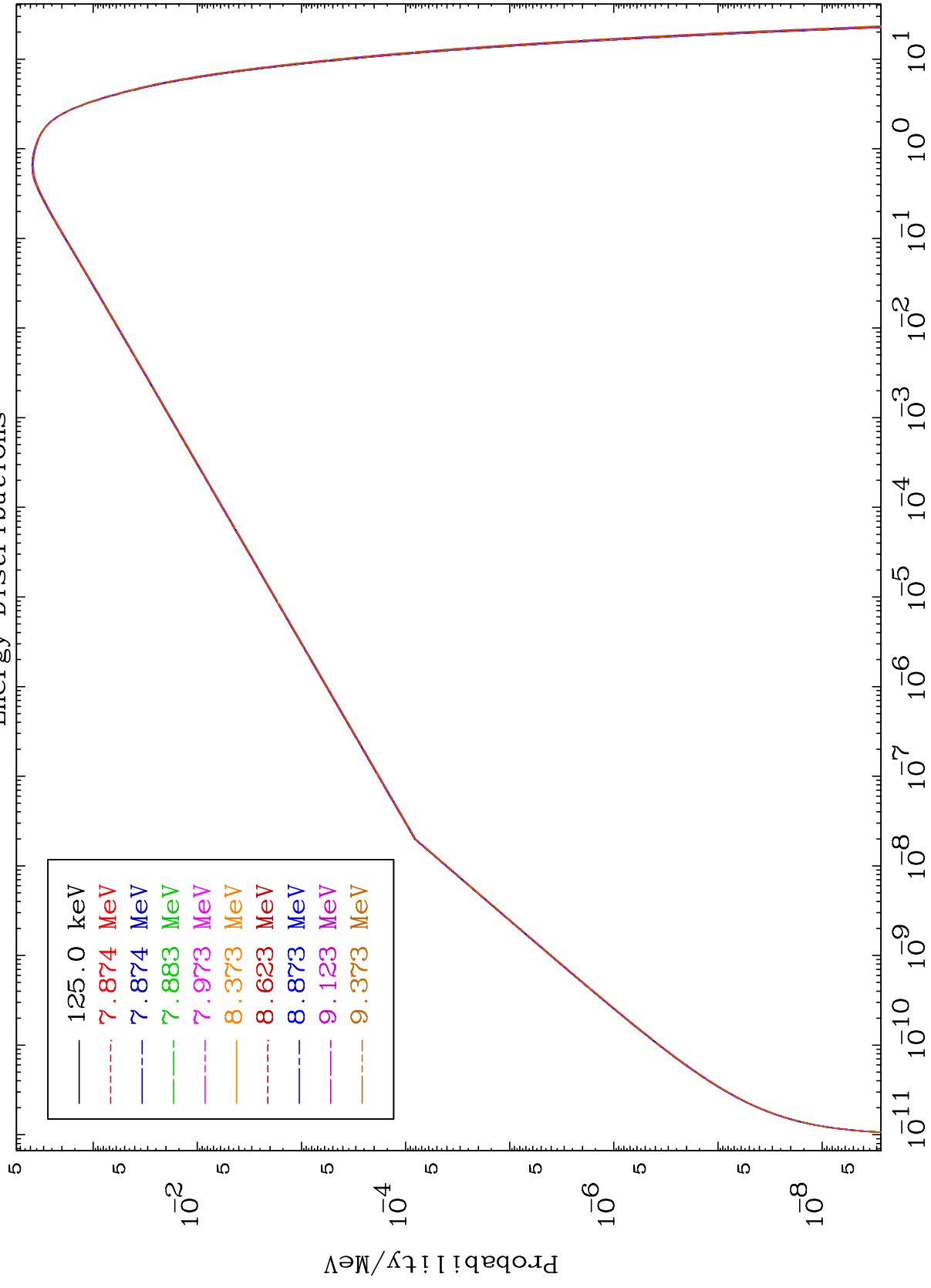
96-Cm-238



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### Fission Energy Distributions

96-Cm-238



- 125.0 keV
- 7.874 MeV
- 7.874 MeV
- 7.883 MeV
- 7.973 MeV
- 8.373 MeV
- 8.623 MeV
- 8.873 MeV
- 9.123 MeV
- 9.373 MeV

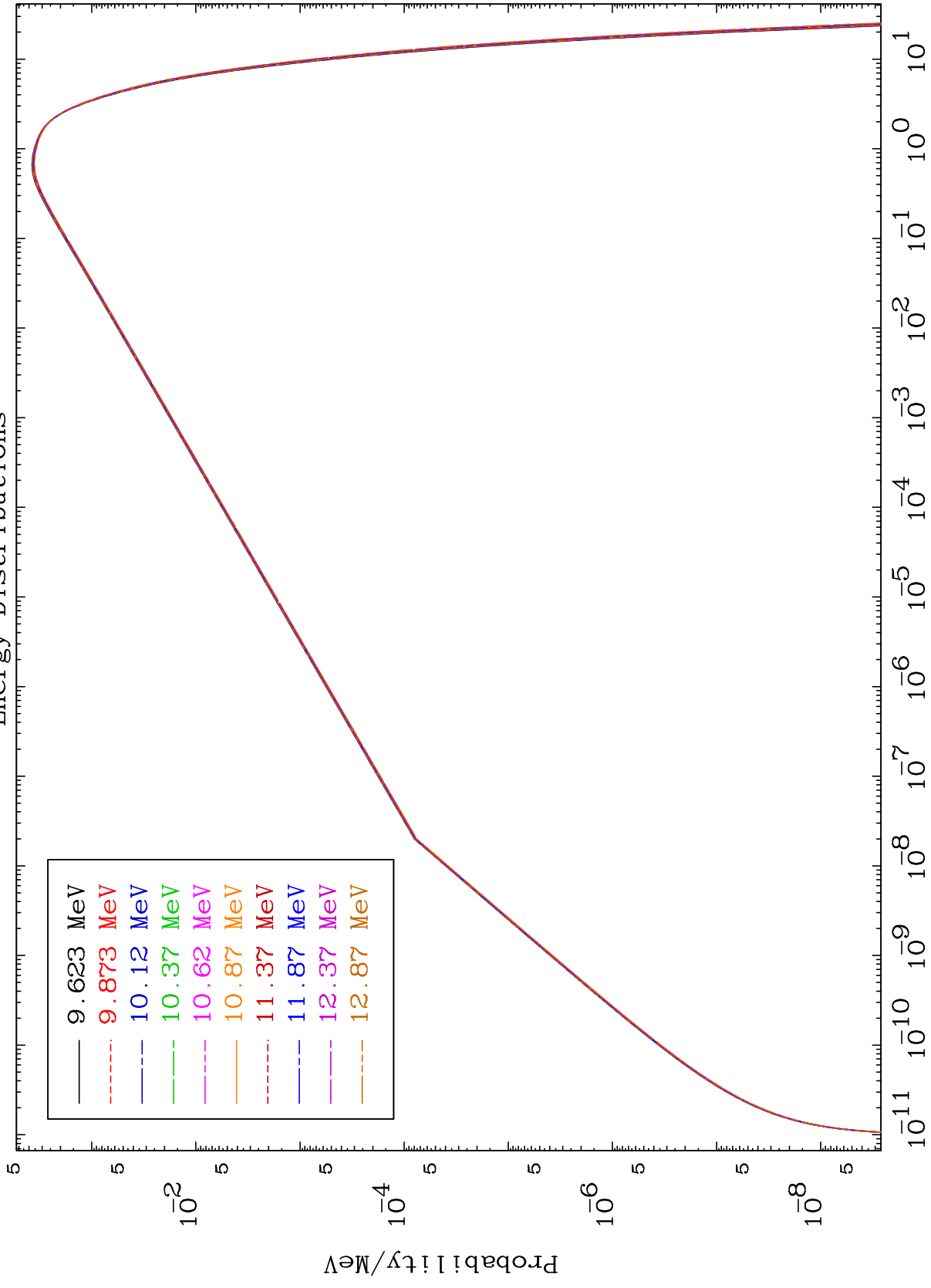
96-Cm-238

Secondary Energy (MeV)

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### Fission Energy Distributions

96-Cm-238



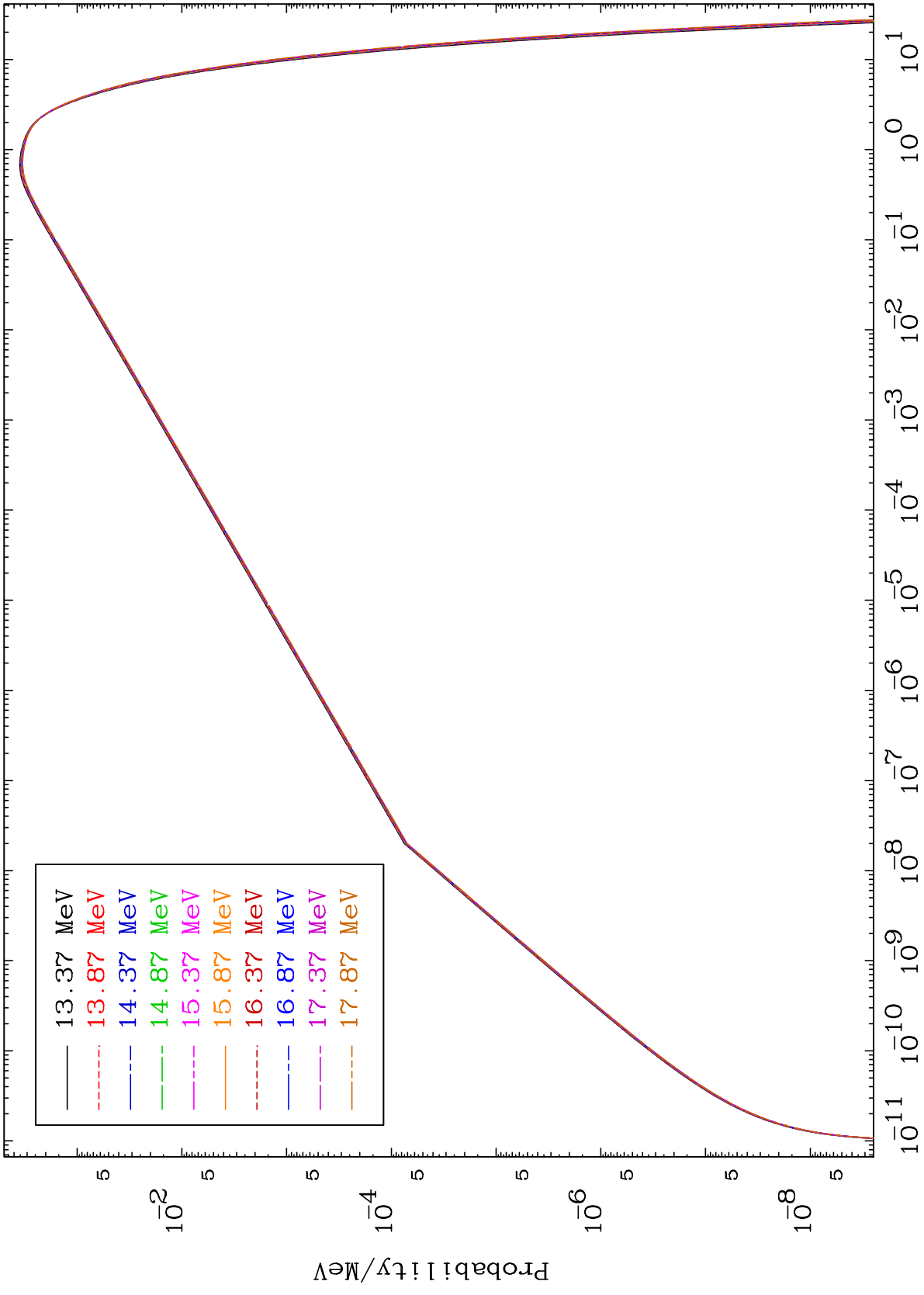
96-Cm-238

Secondary Energy (MeV)

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### Fission Energy Distributions

96-Cm-238

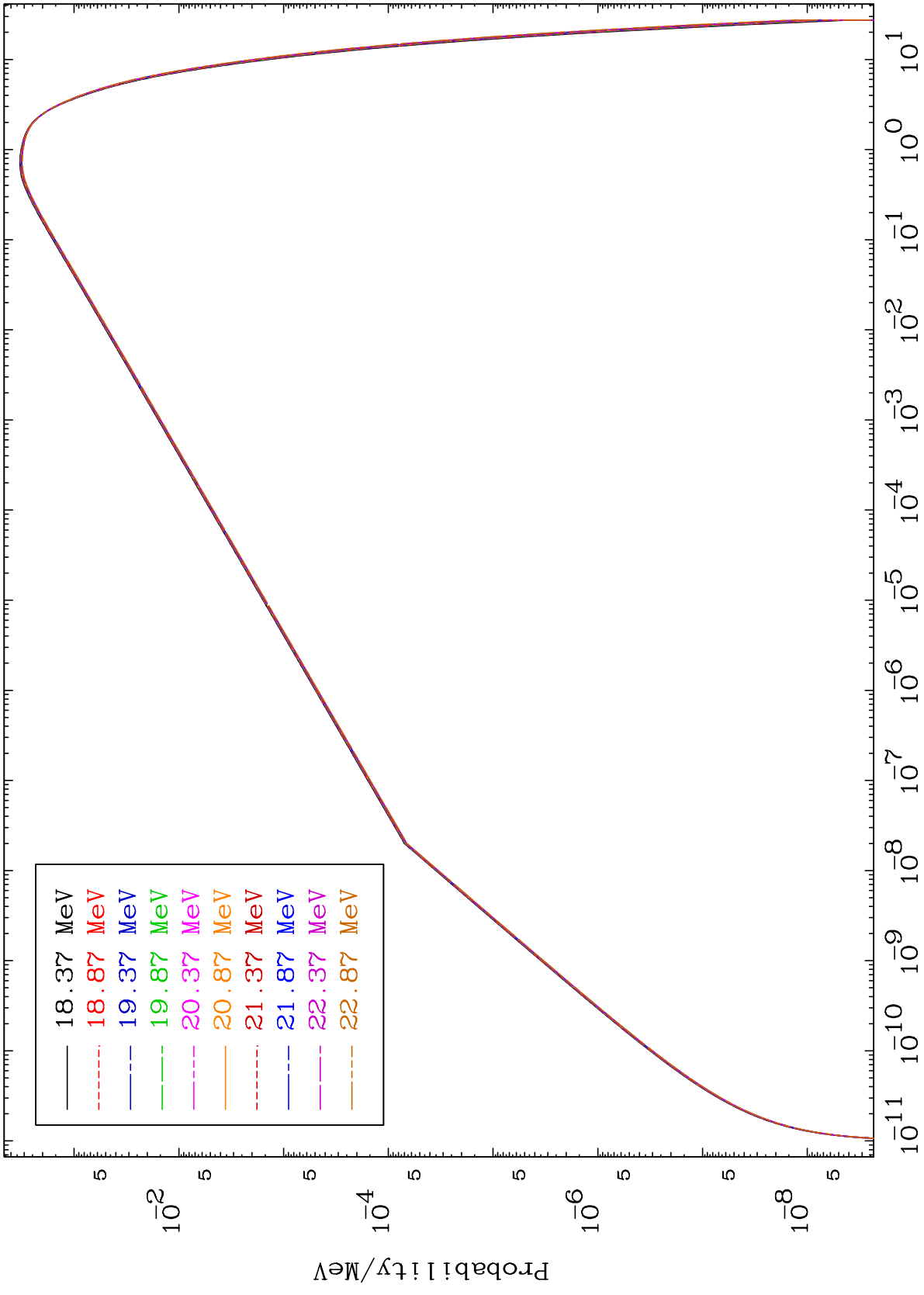


96-Cm-238

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### Fission Energy Distributions

96-Cm-238



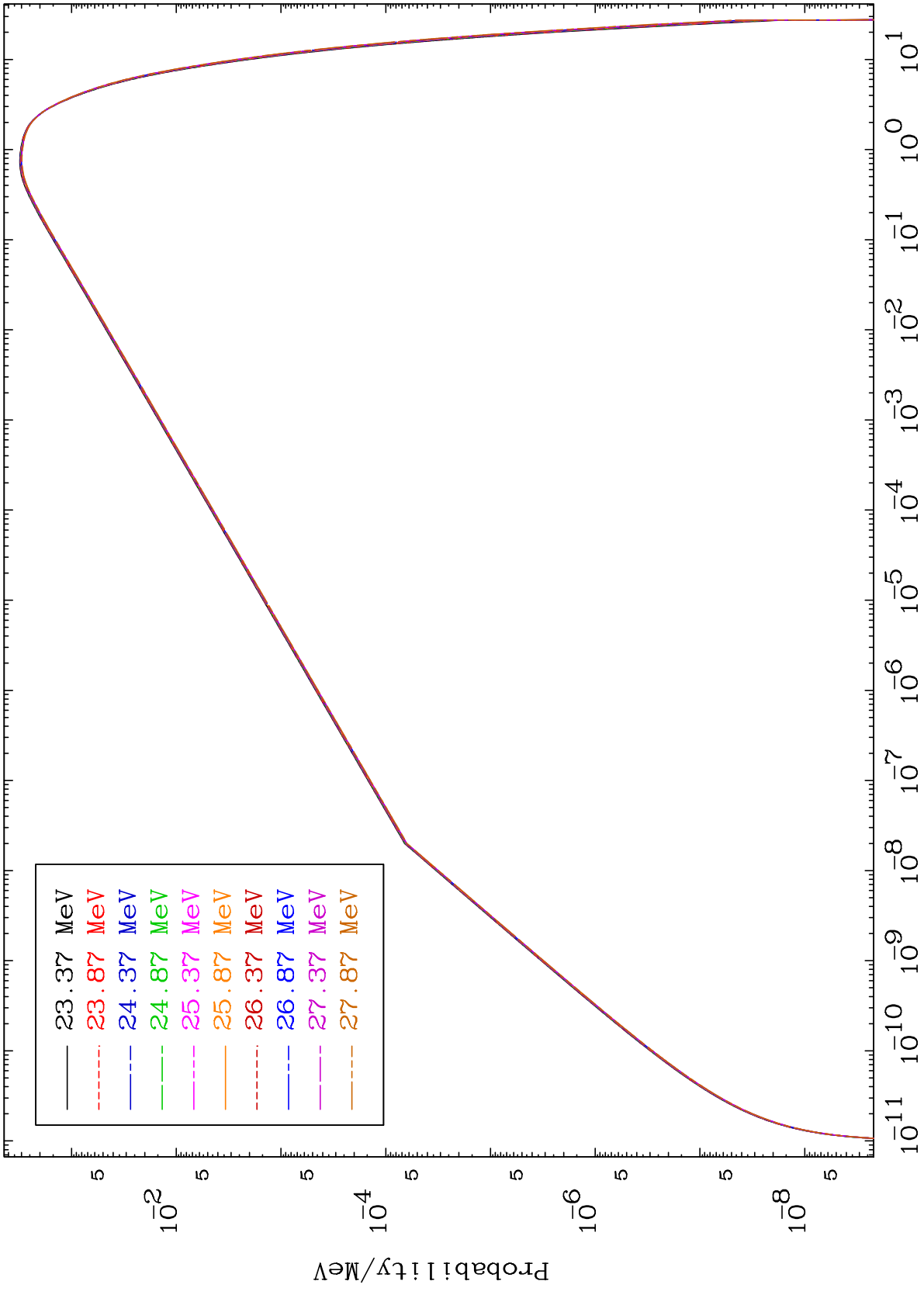
96-Cm-238



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### Fission Energy Distributions

96-Cm-238



96-Cm-238

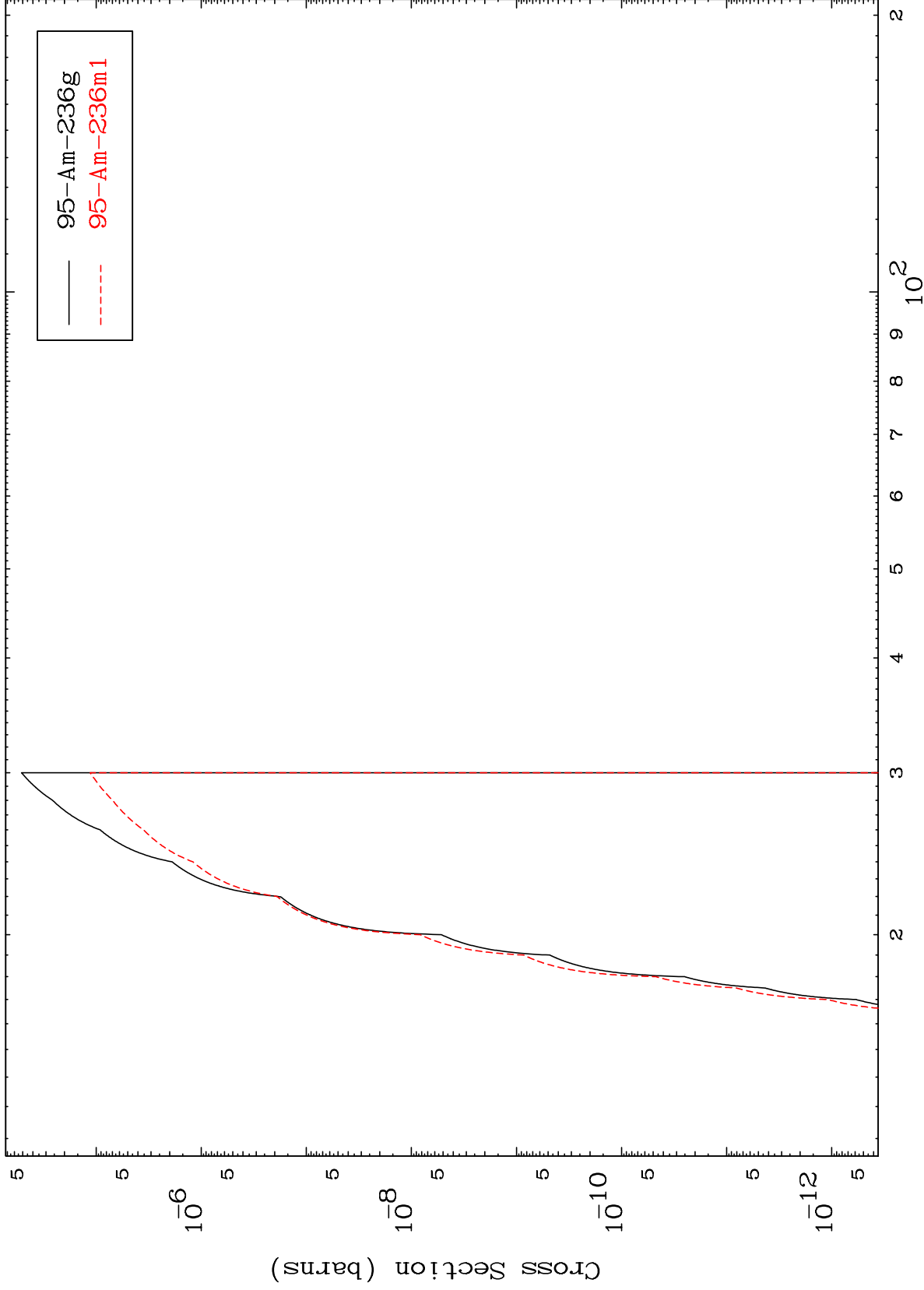
Secondary Energy (MeV)

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(n, n') p

96-Cm-238

Radionuclide Production Cross Section



17

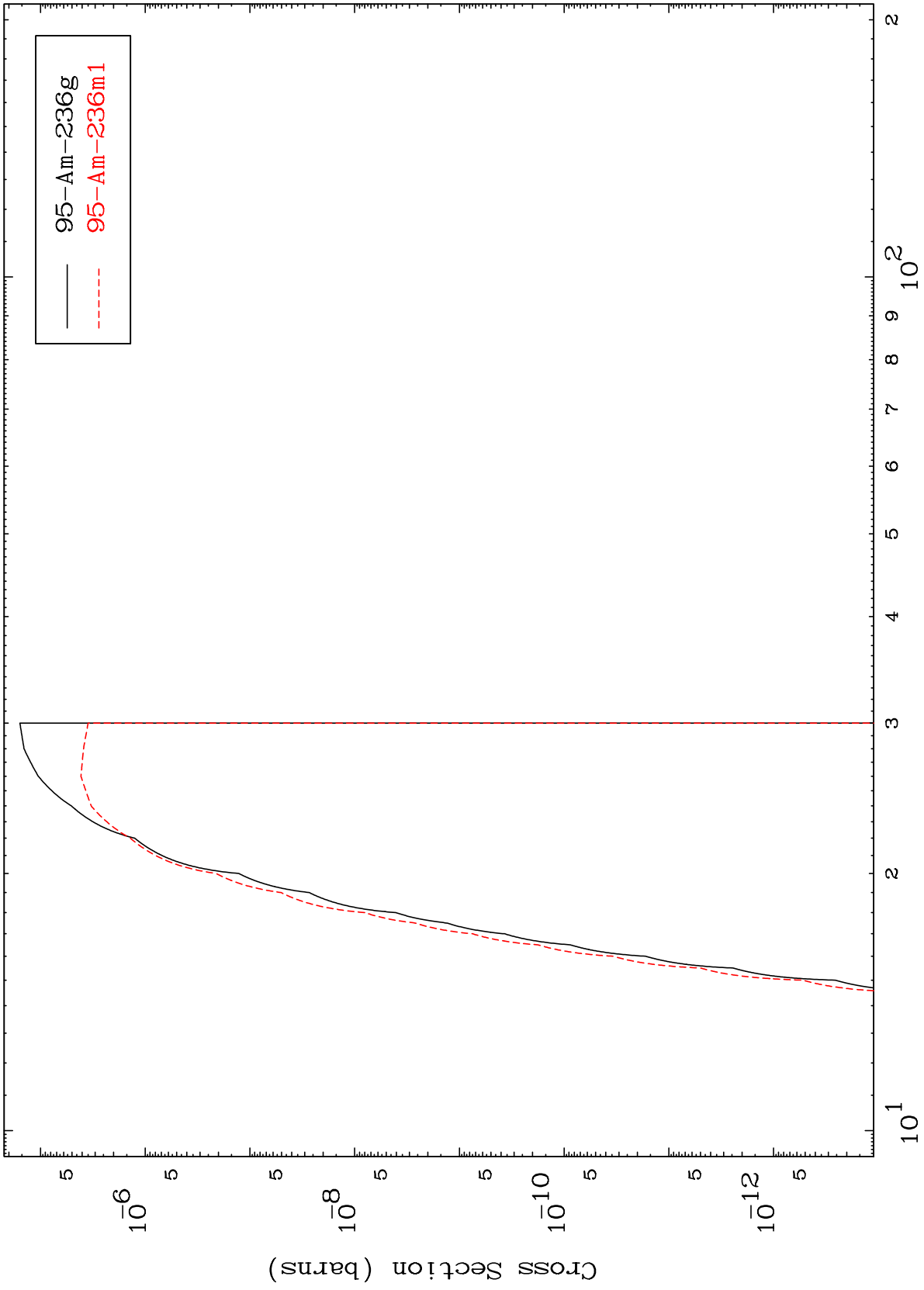
Incident Energy (MeV)

96-Cm-238

MAT 9619

96-Cm-238

(n,d)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

96-Cm-238