

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

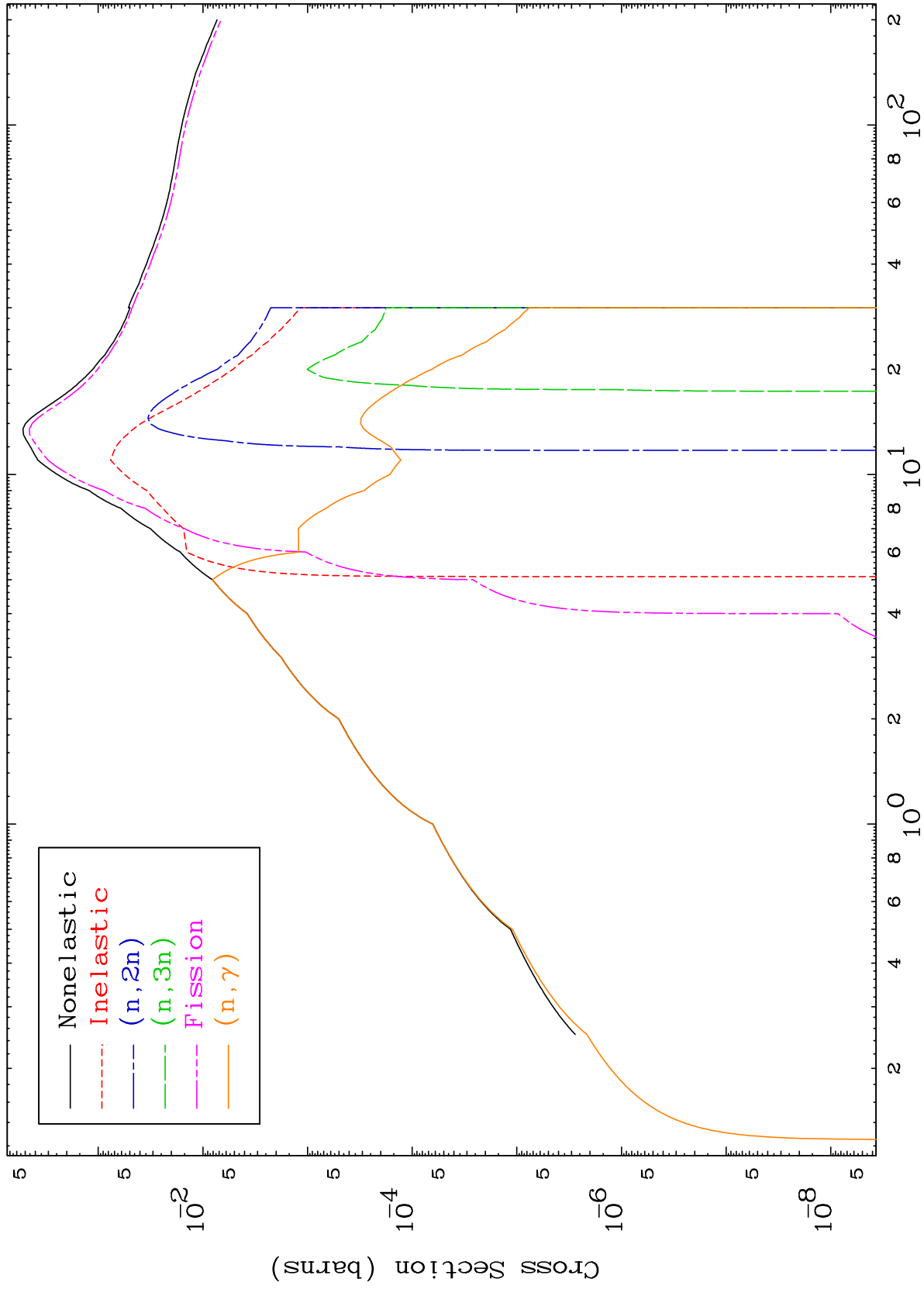
Press Mouse Button to Start

MAT 9858

Photon Major

98-Cf-251

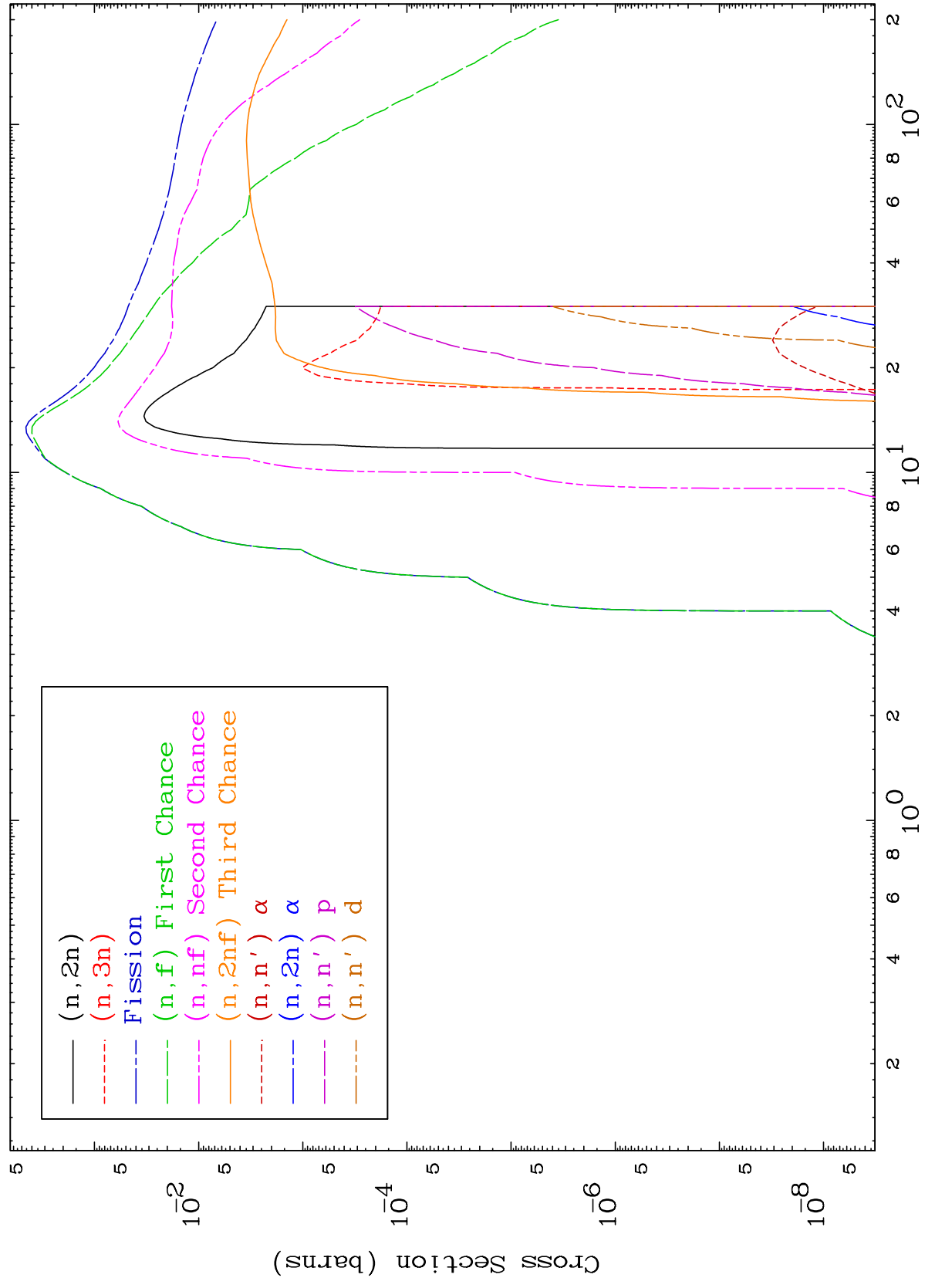
0 Kelvin Cross Sections



MAT 9858

Photon Neutron Absorption
0 Kelvin Cross Sections

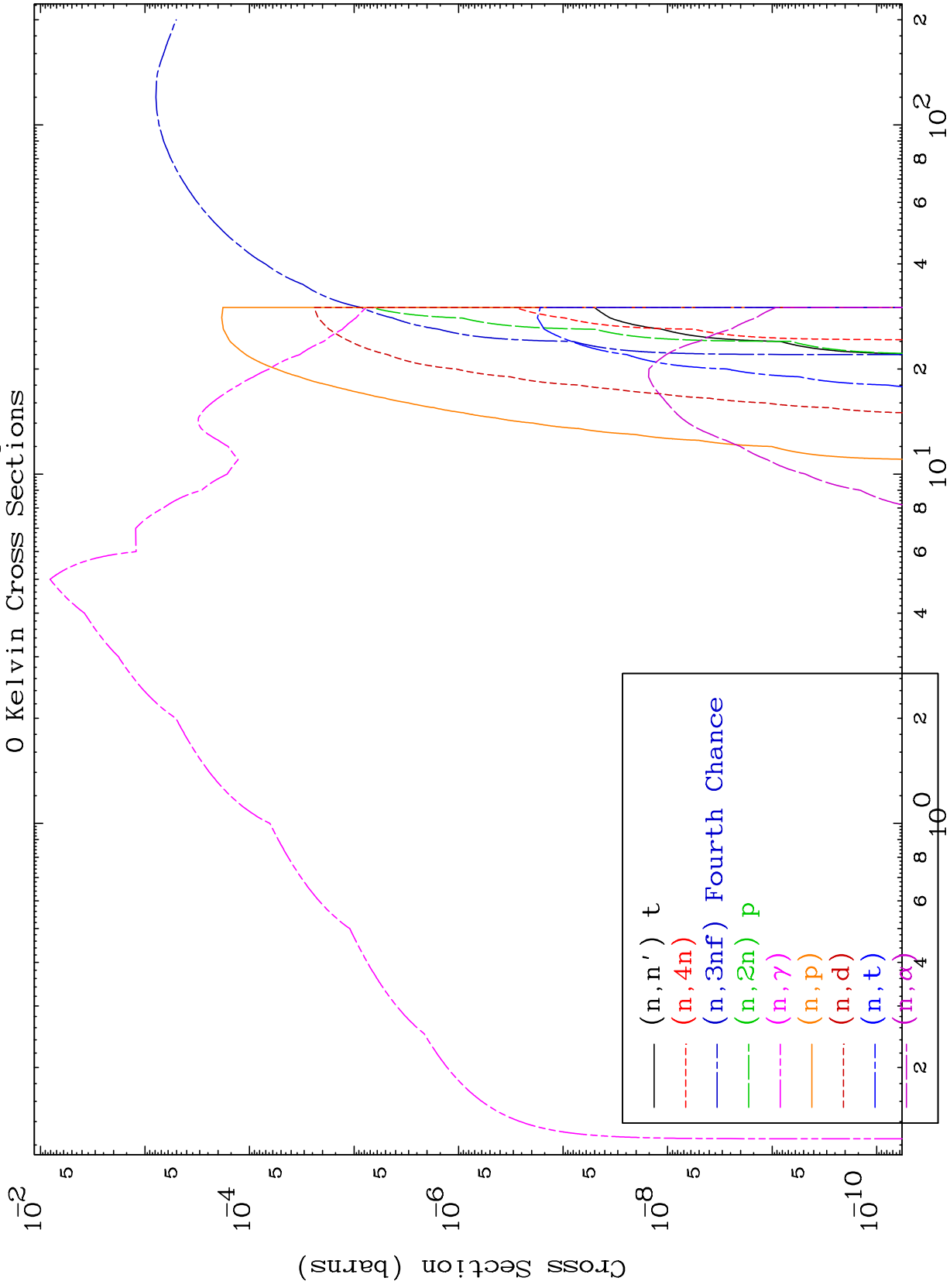
98-Cf-251



MAT 9858

Photon Neutron Absorption
0 Kelvin Cross Sections

98-Cf-251



3

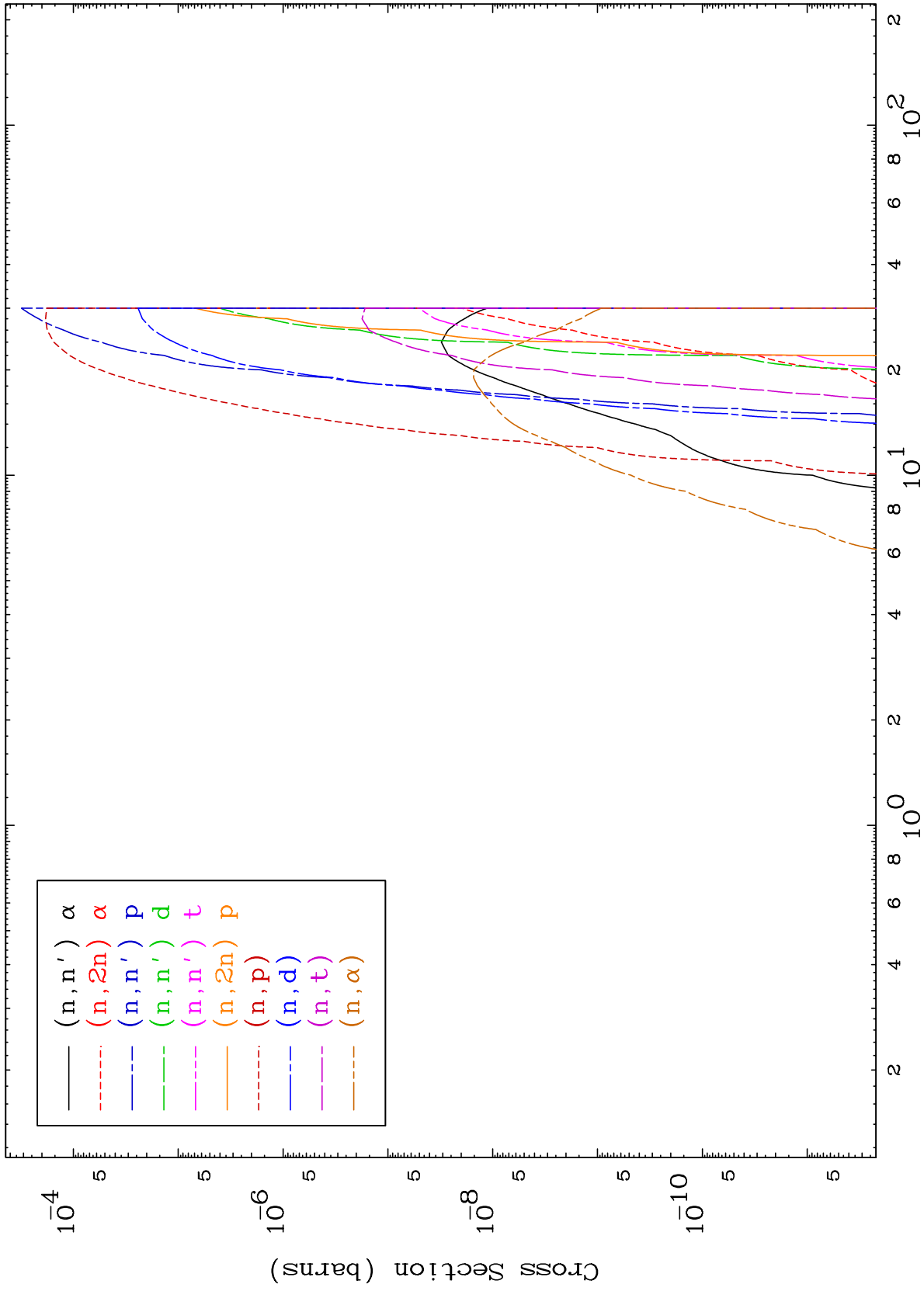
Incident Energy (MeV)

98-Cf-251

MAT 9858

Photon Charged Particle
0 Kelvin Cross Sections

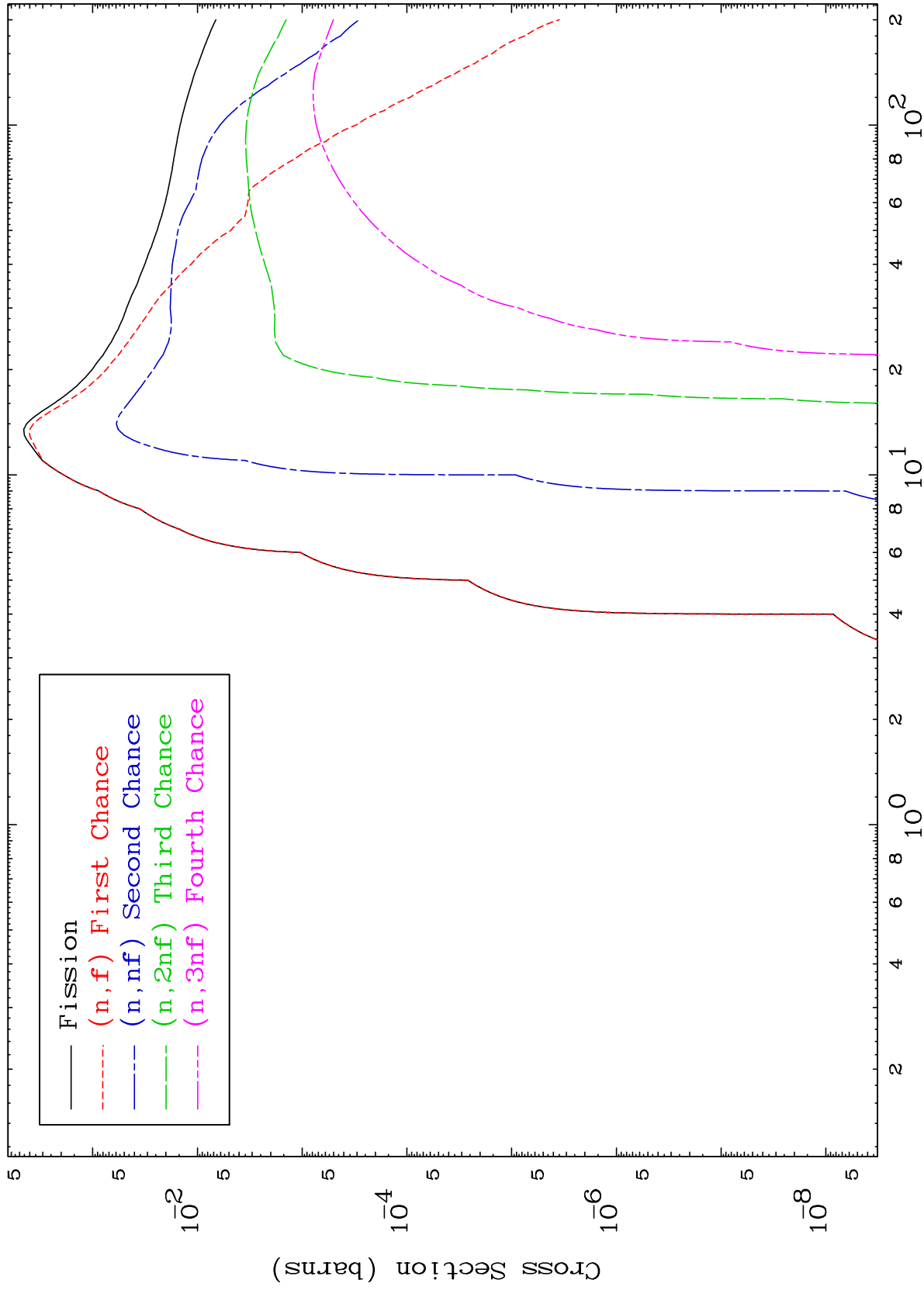
98-Cf-251



MAT 9858

Photon Fission
0 Kelvin Cross Sections

98-Cf-251



5

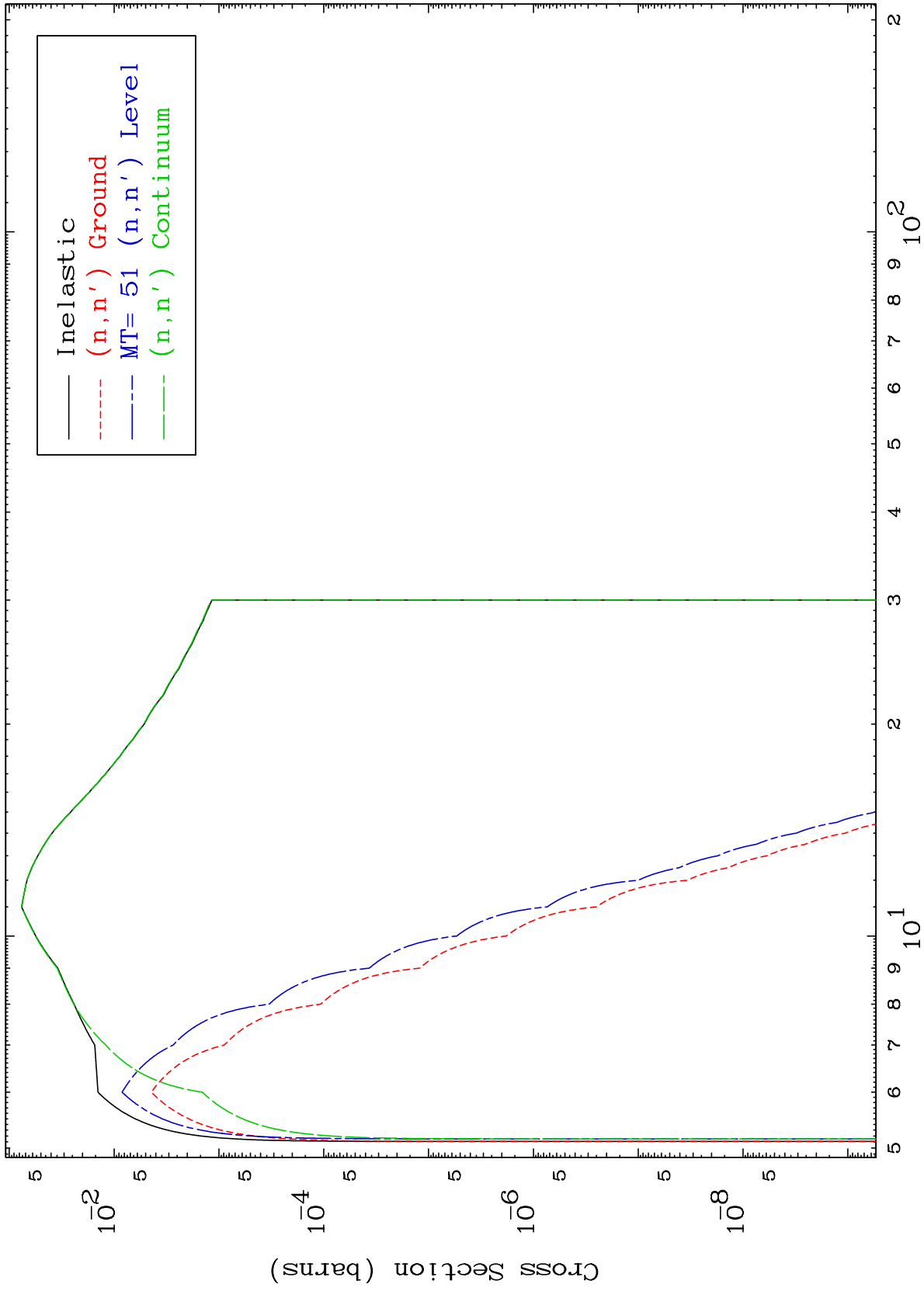
Incident Energy (MeV)

98-Cf-251

MAT 9858

98-Cf-251

(γ, n') Levels
0 Kelvin Cross Sections



98-Cf-251

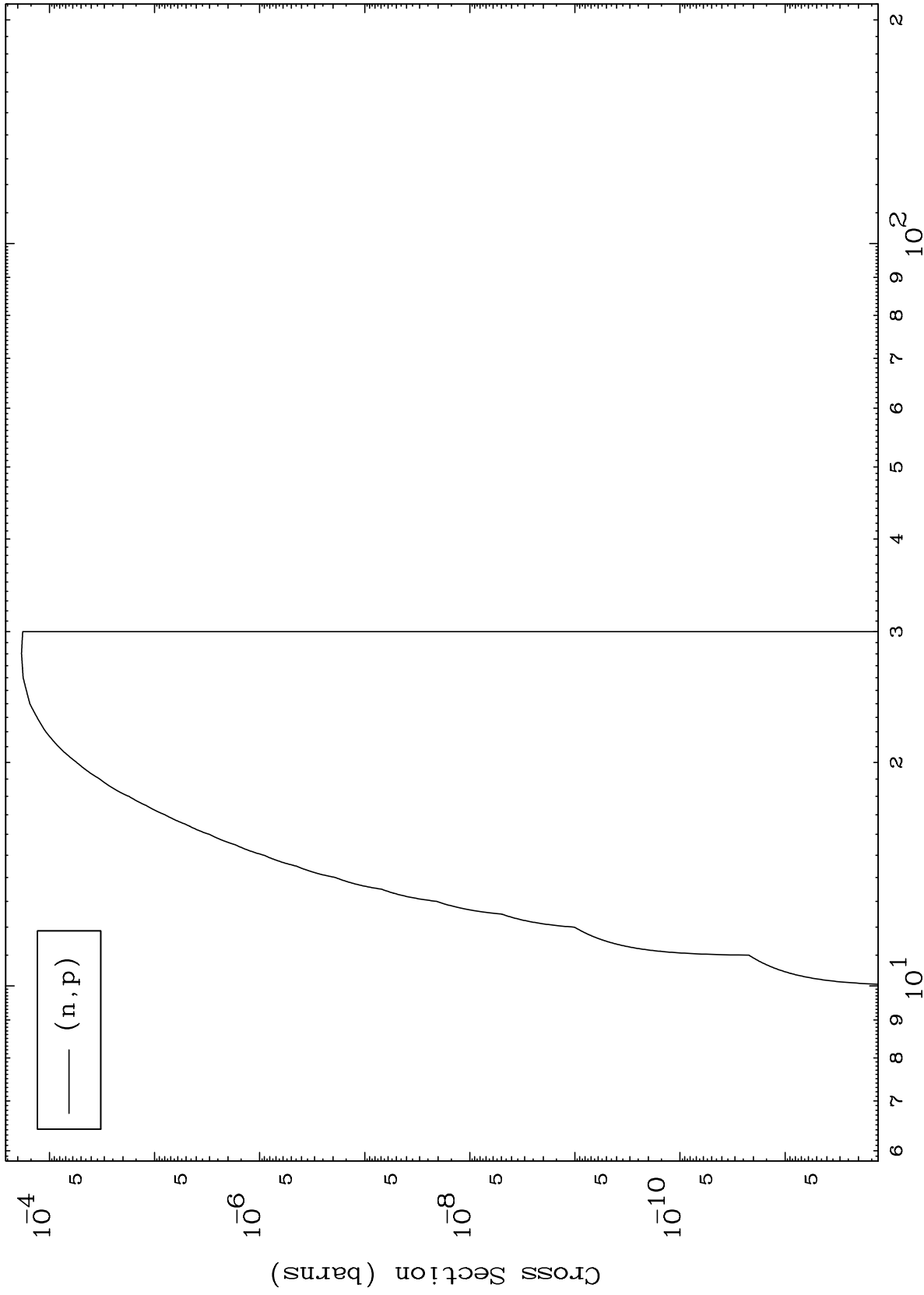
Incident Energy (MeV)

6

MAT 9858

(γ, p) Levels
0 Kelvin Cross Sections

98-Cf-251



7

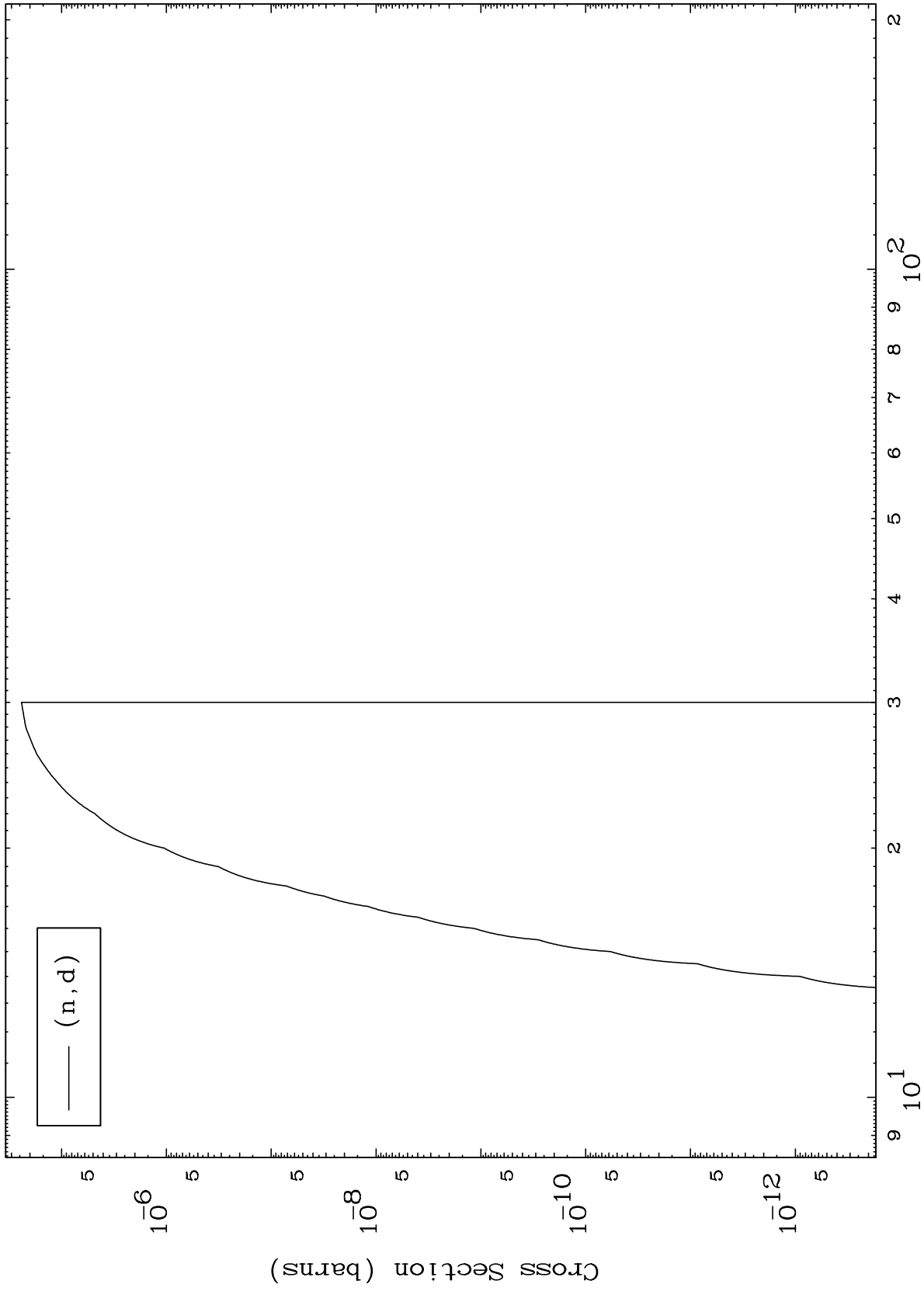
Incident Energy (MeV)

98-Cf-251

MAT 9858

(γ, d) Levels
0 Kelvin Cross Sections

98-Cf-251



8

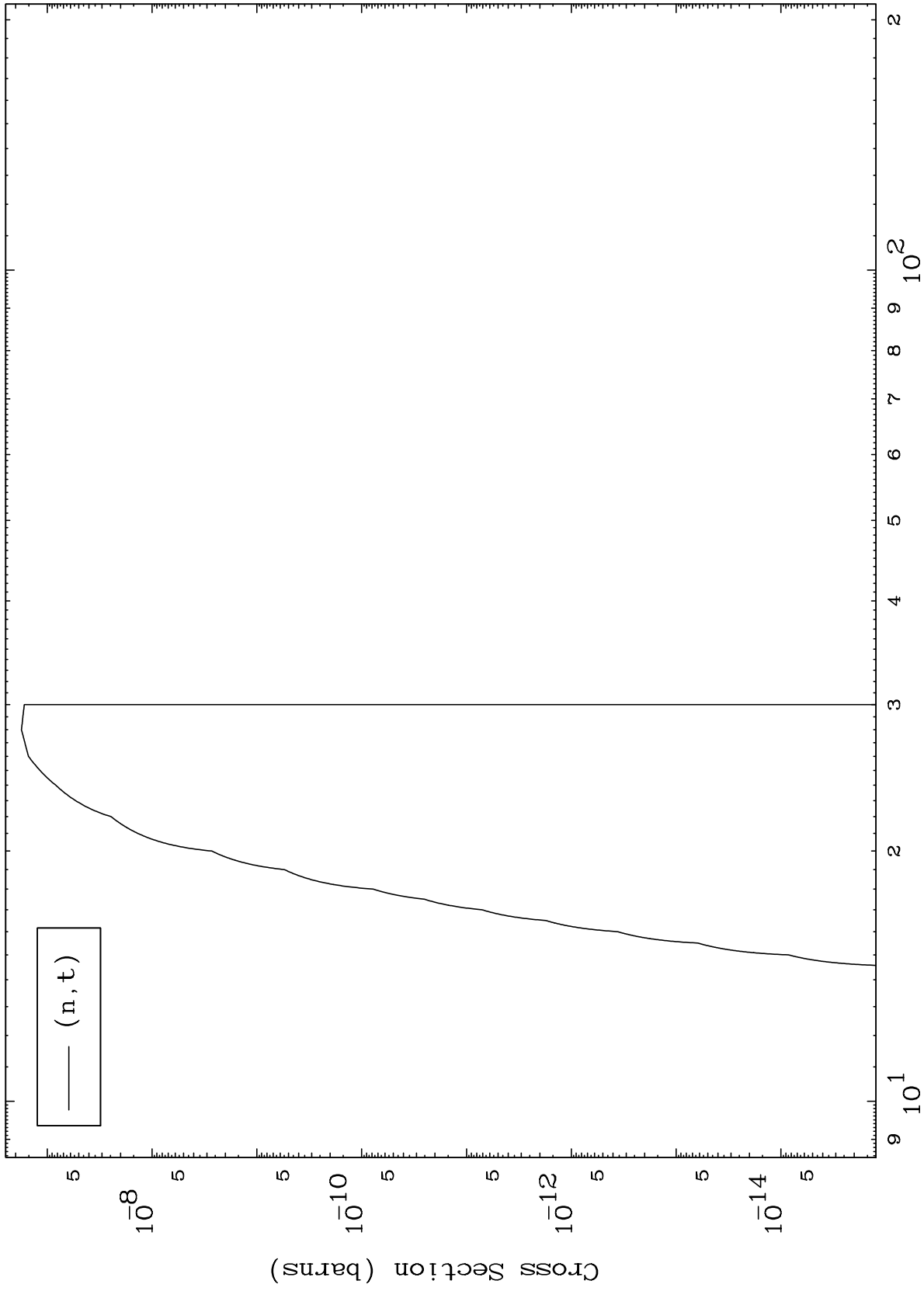
Incident Energy (MeV)

98-Cf-251

MAT 9858

(γ, t) Levels
0 Kelvin Cross Sections

98-Cf-251



9

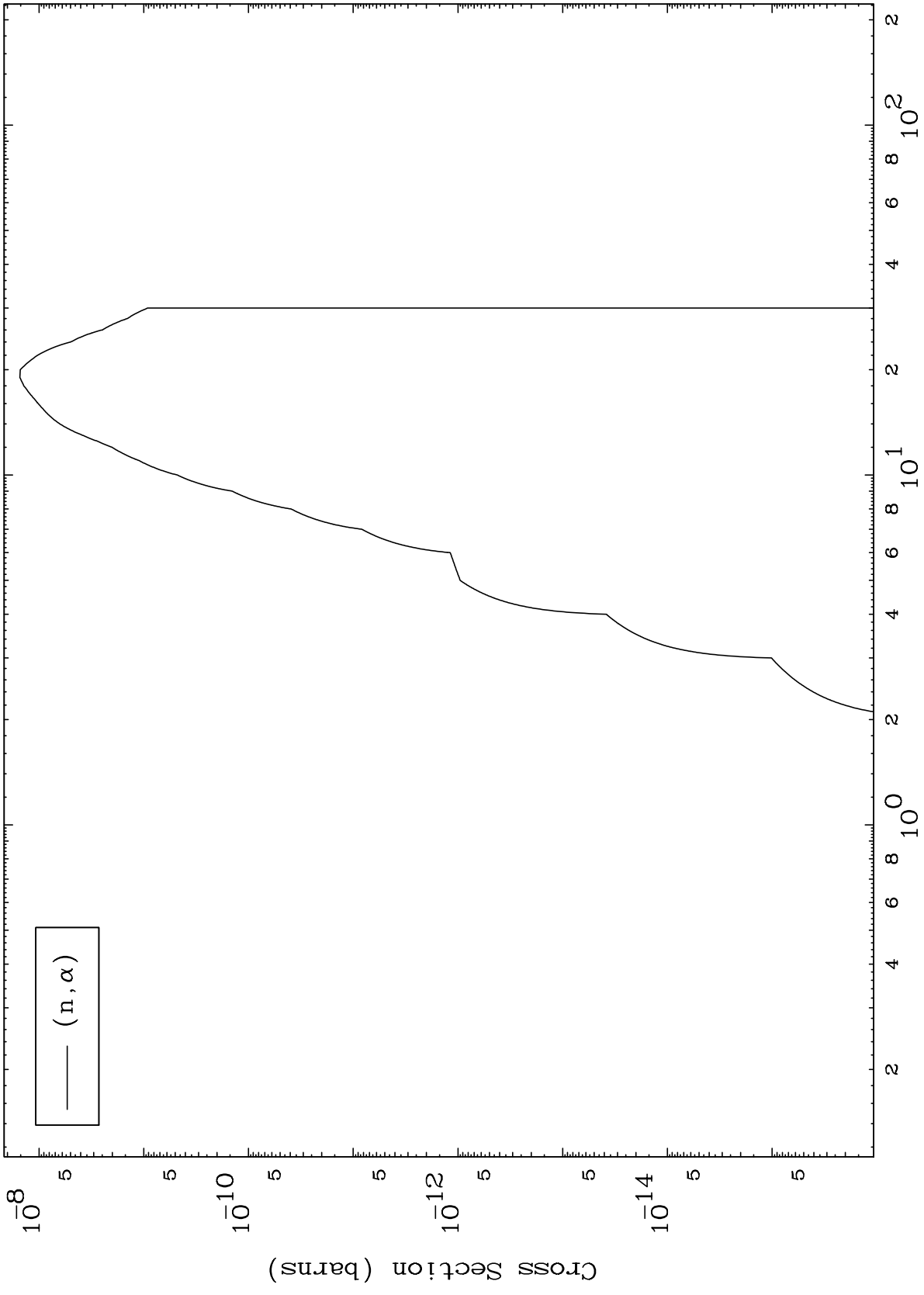
Incident Energy (MeV)

98-Cf-251

MAT 9858

(γ, α) Levels
0 Kelvin Cross Sections

98-Cf-251



10

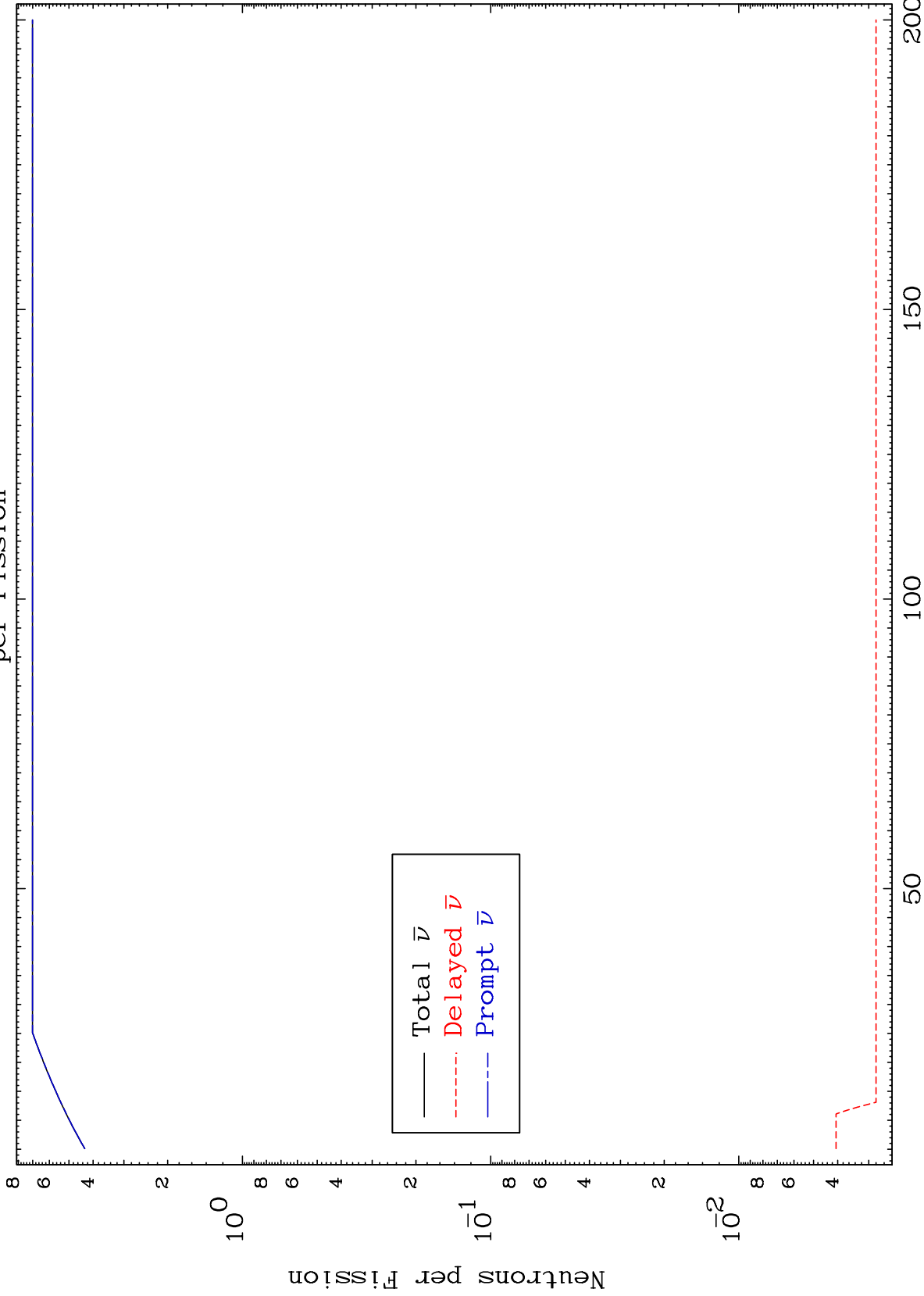
Incident Energy (MeV)

98-Cf-251

MAT 9858

Photon Neutrons
per Fission

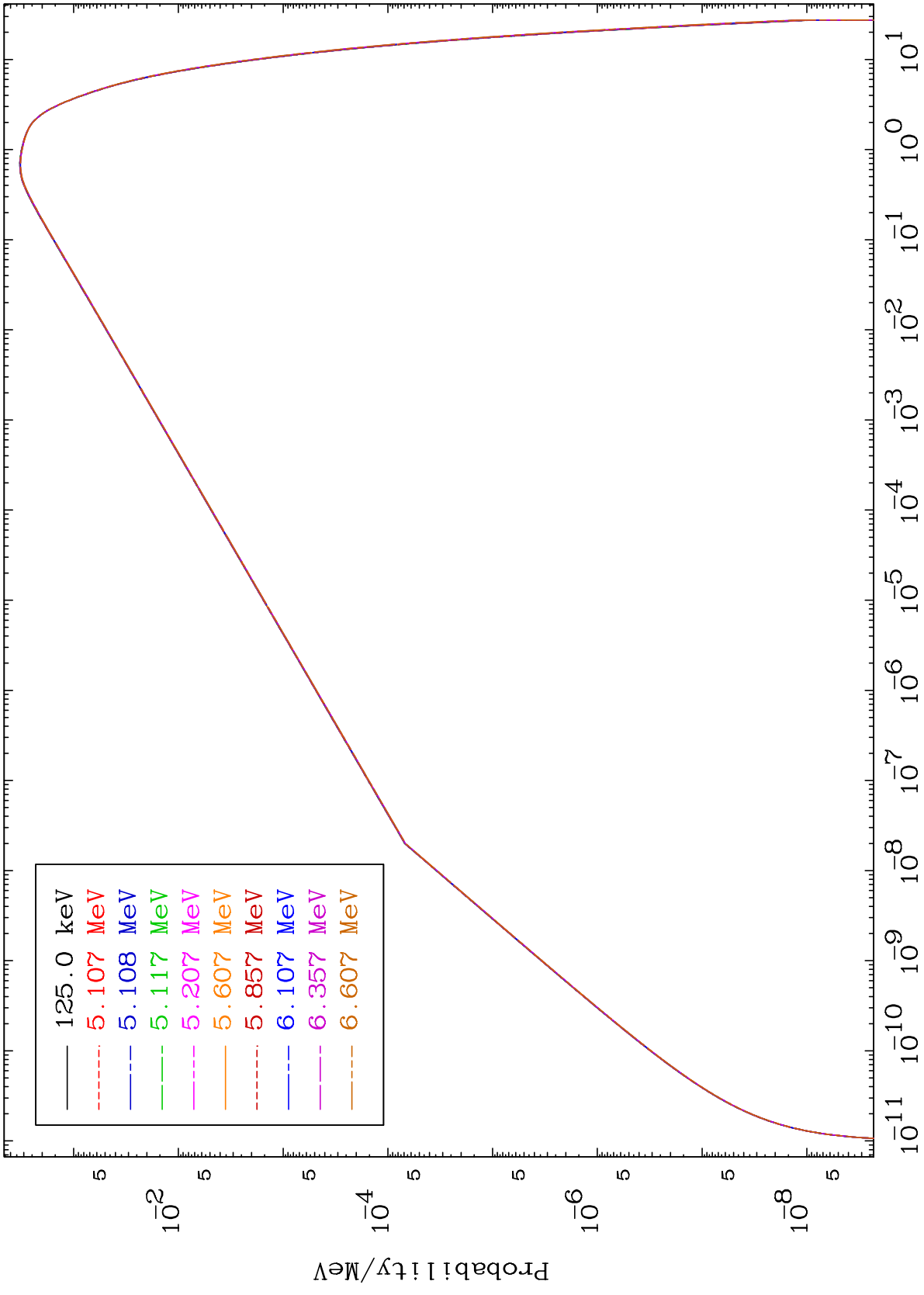
98-Cf-251



MAT 9858

Fission Energy Distributions

98-Cf-251



- 125.0 keV
- 5.107 MeV
- 5.108 MeV
- 5.117 MeV
- 5.207 MeV
- 5.607 MeV
- 5.857 MeV
- 6.107 MeV
- 6.357 MeV
- 6.607 MeV

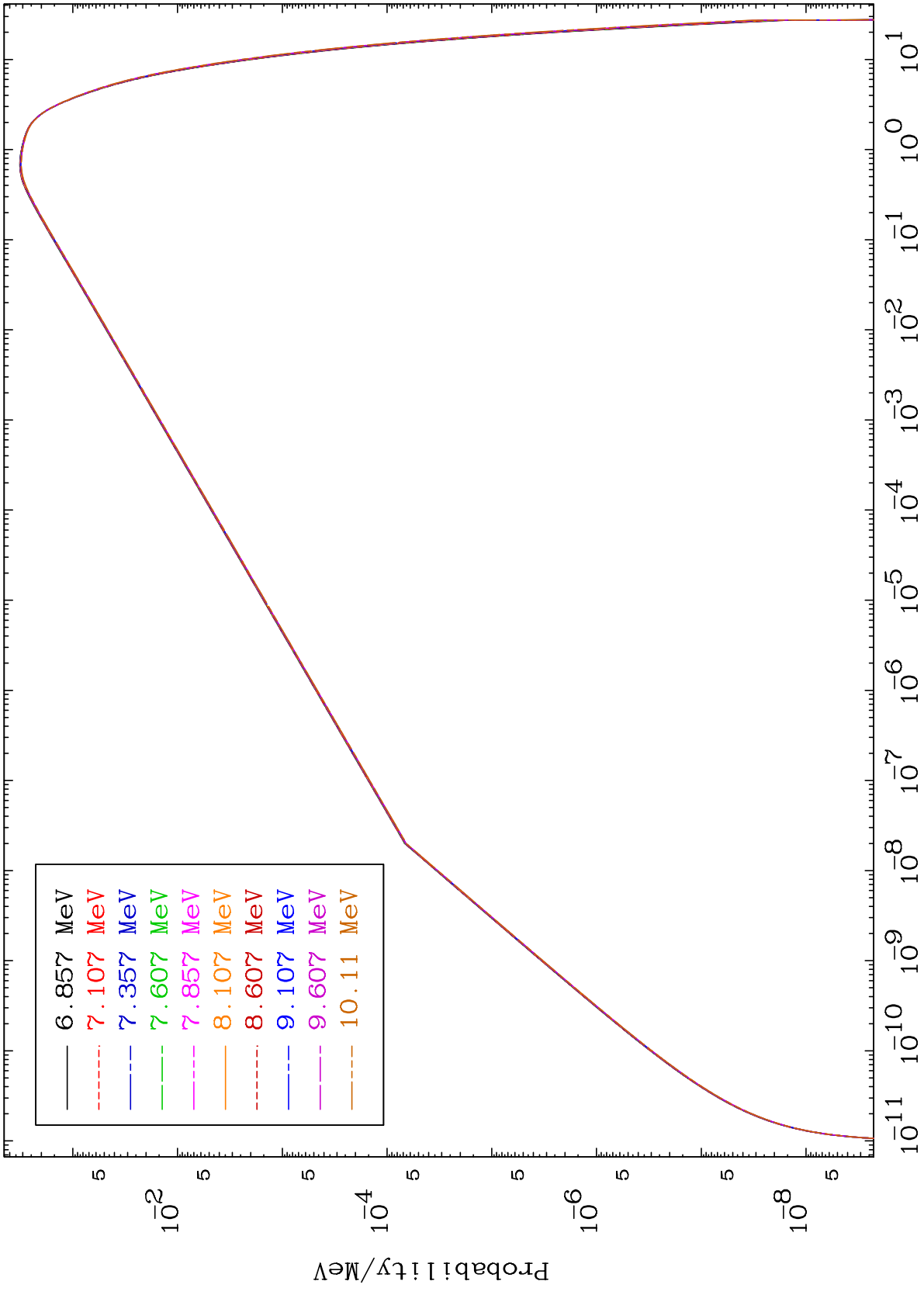
98-Cf-251

Secondary Energy (MeV)

MAT 9858

Fission Energy Distributions

98-Cf-251



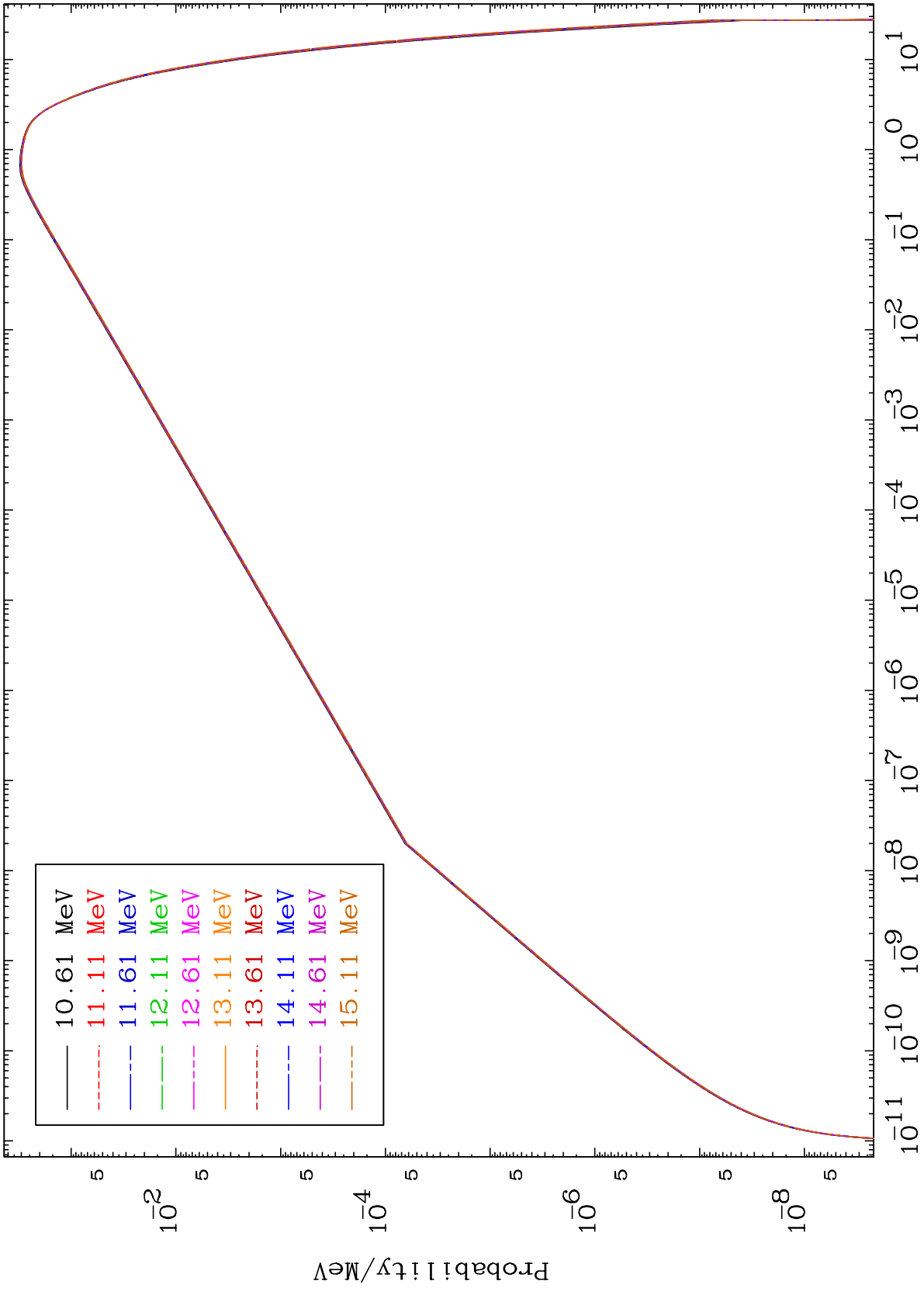
98-Cf-251

Secondary Energy (MeV)

MAT 9858

Fission Energy Distributions

98-Cf-251



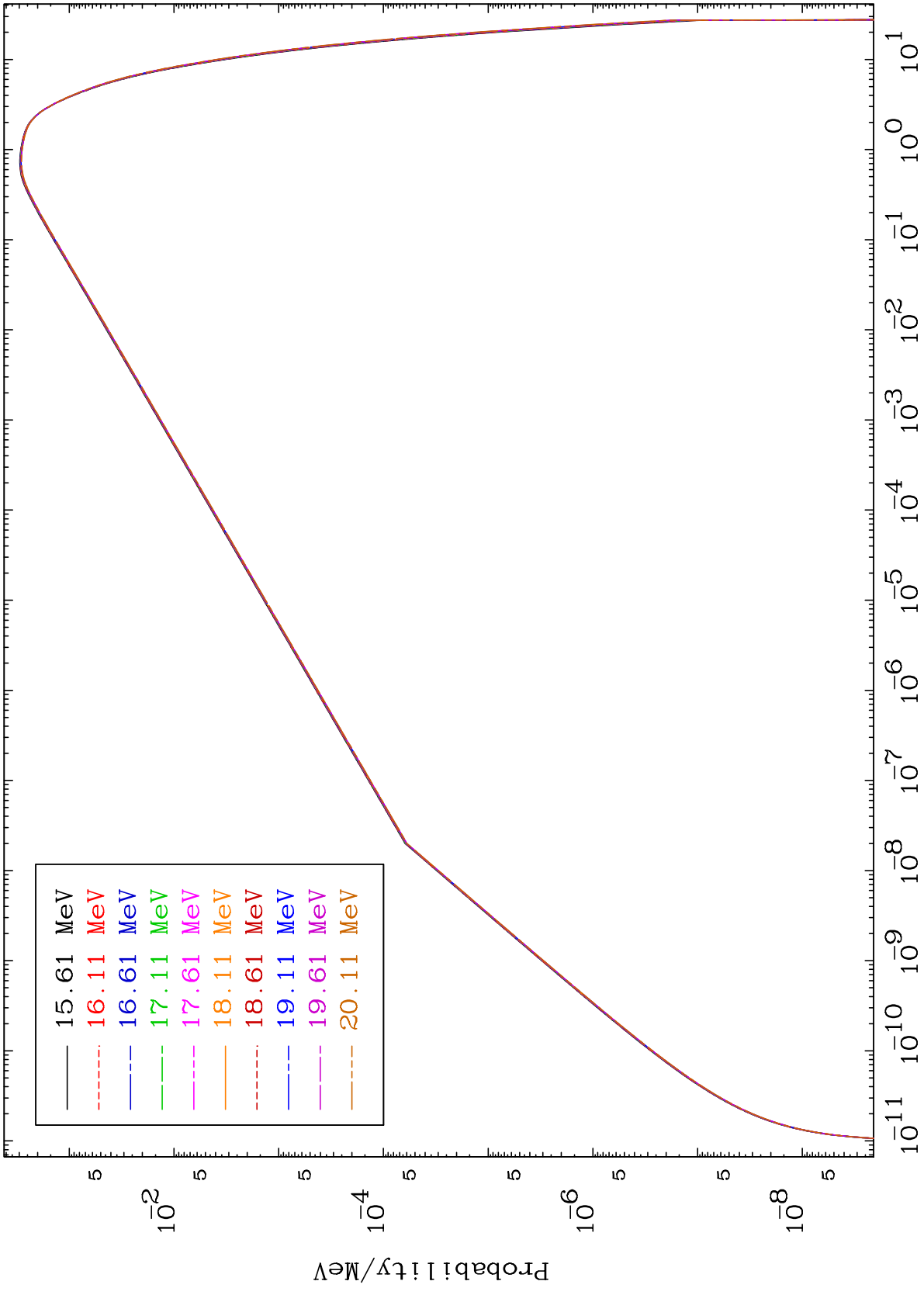
98-Cf-251

Secondary Energy (MeV)

MAT 9858

Fission Energy Distributions

98-Cf-251



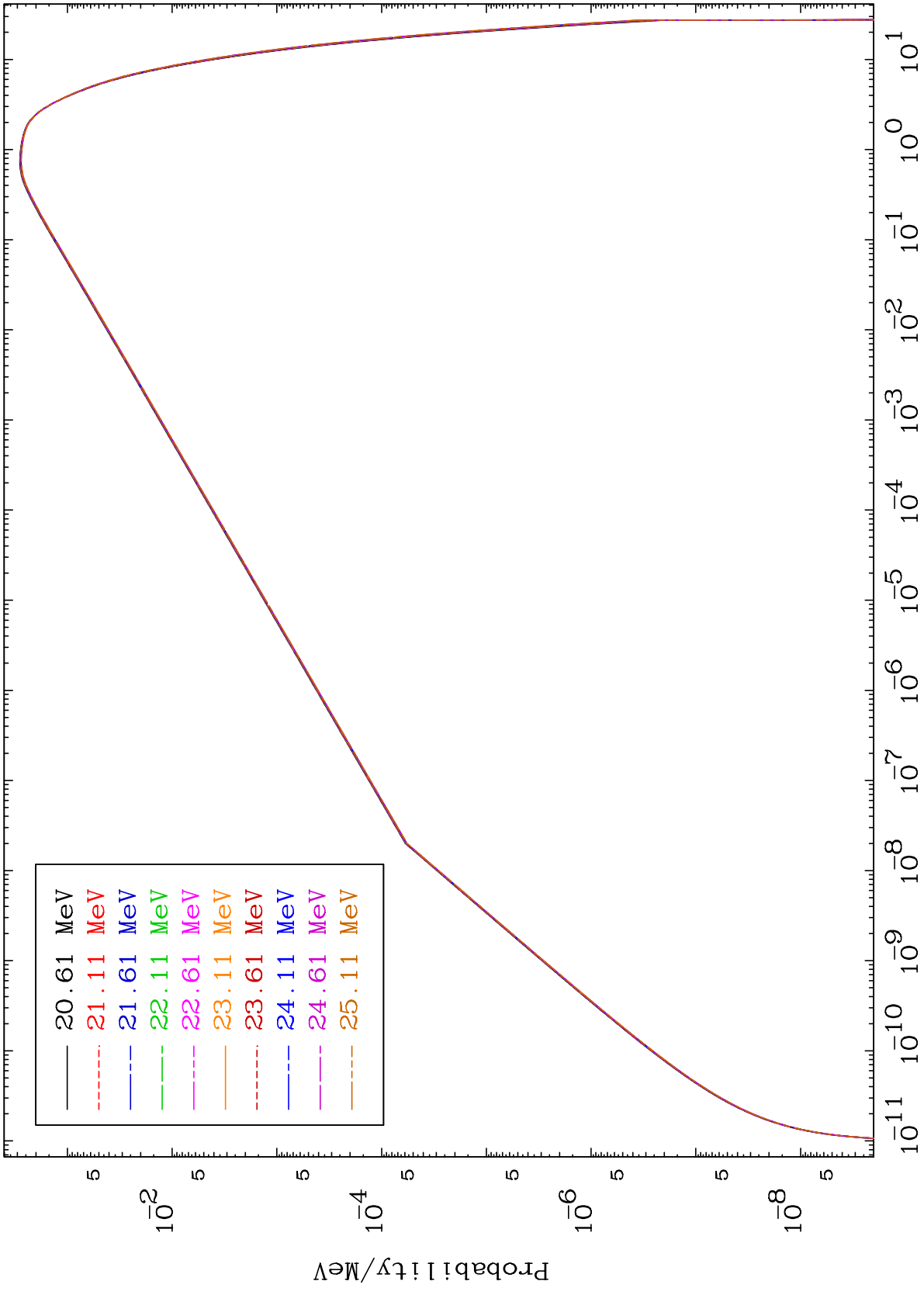
98-Cf-251

Secondary Energy (MeV)

MAT 9858

Fission Energy Distributions

98-Cf-251



98-Cf-251

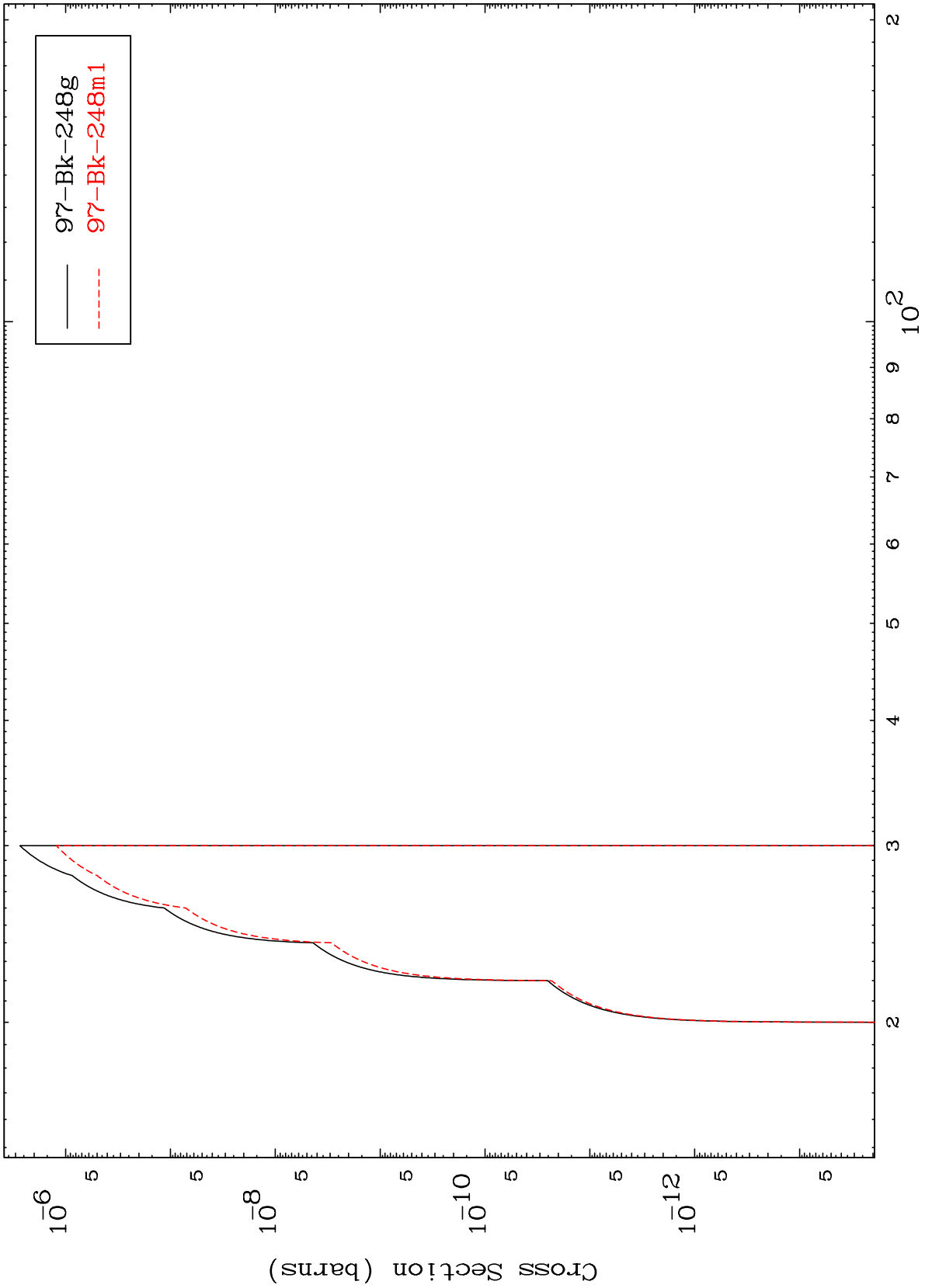
Secondary Energy (MeV)

MAT 9858

(n,n') d

98-Cf-251

Radionuclide Production Cross Section



17

Incident Energy (MeV)

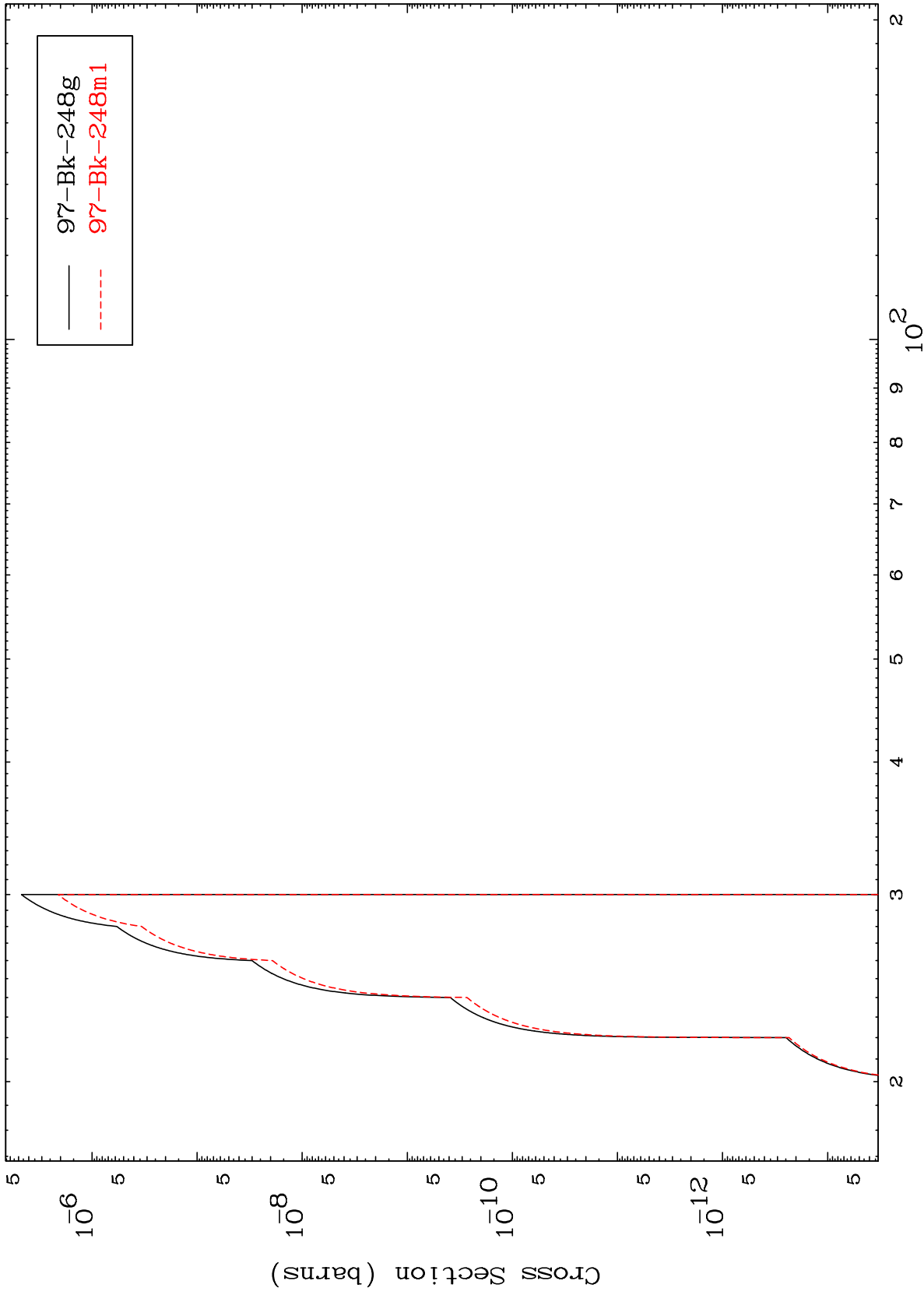
98-Cf-251

MAT 9858

(n,2n) p

98-Cf-251

Radionuclide Production Cross Section



18

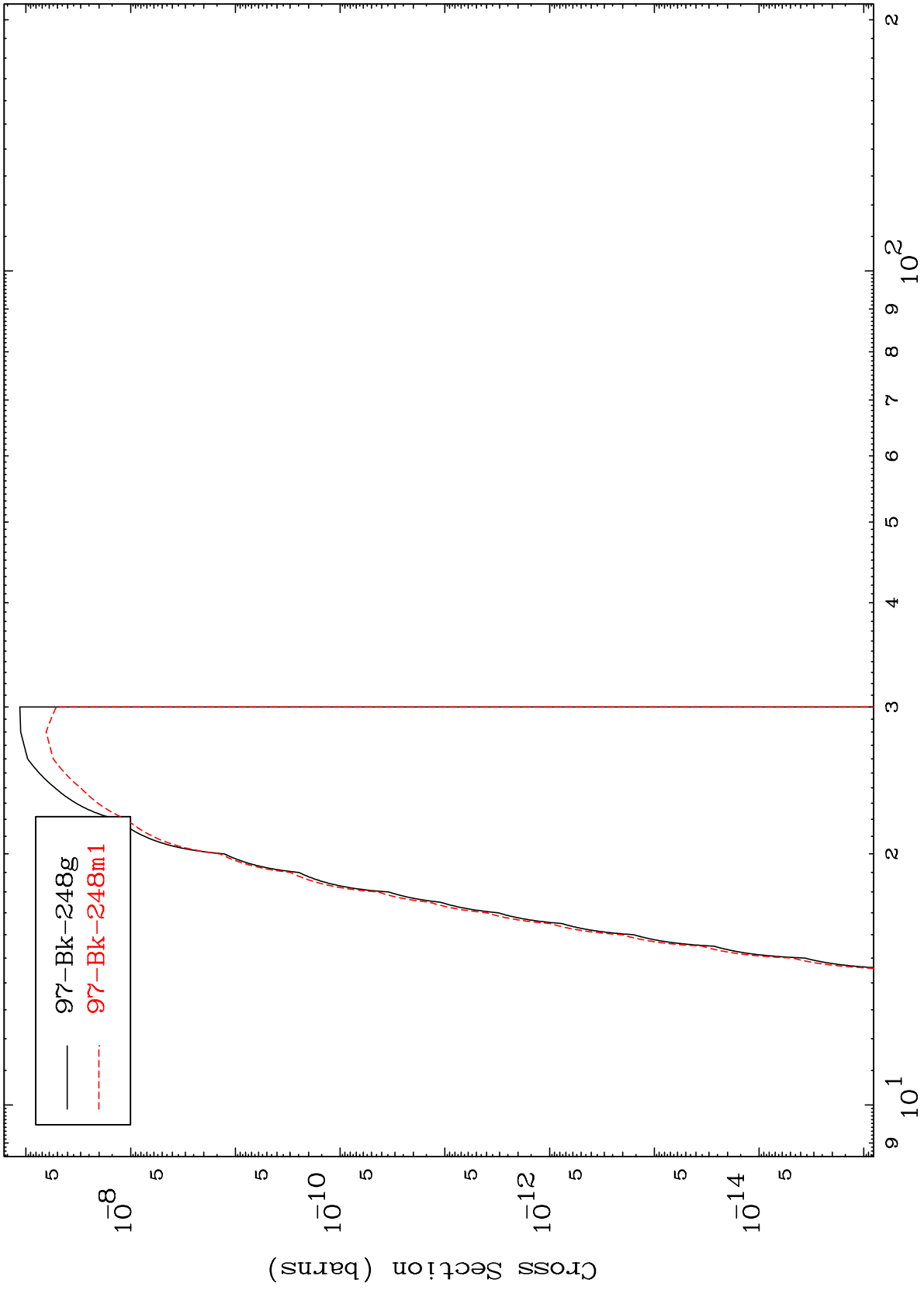
Incident Energy (MeV)

98-Cf-251

MAT 9858

98-Cf-251

(n, t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

98-Cf-251