

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

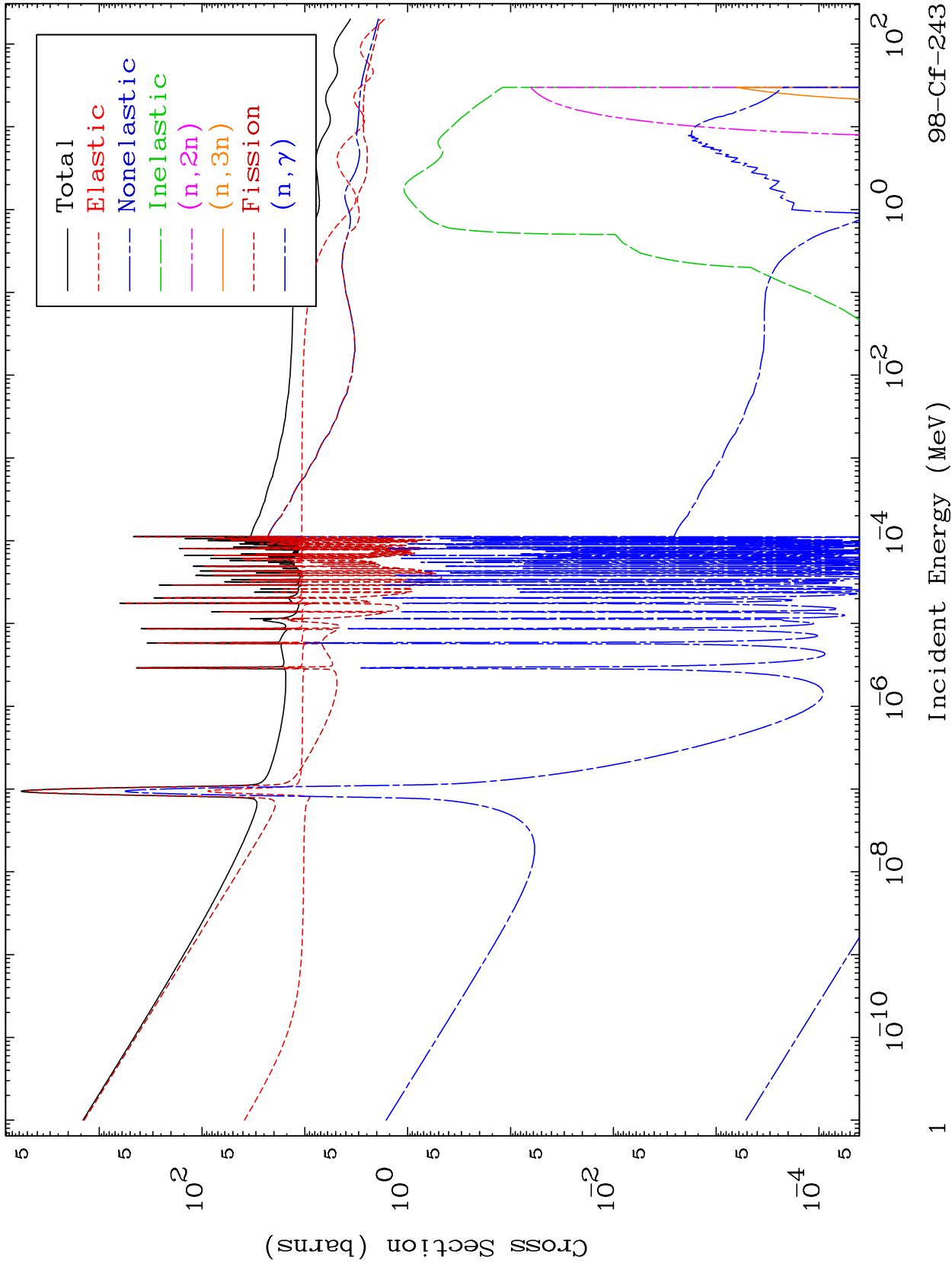
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9834

Neutron Major
293 Kelvin Cross Sections

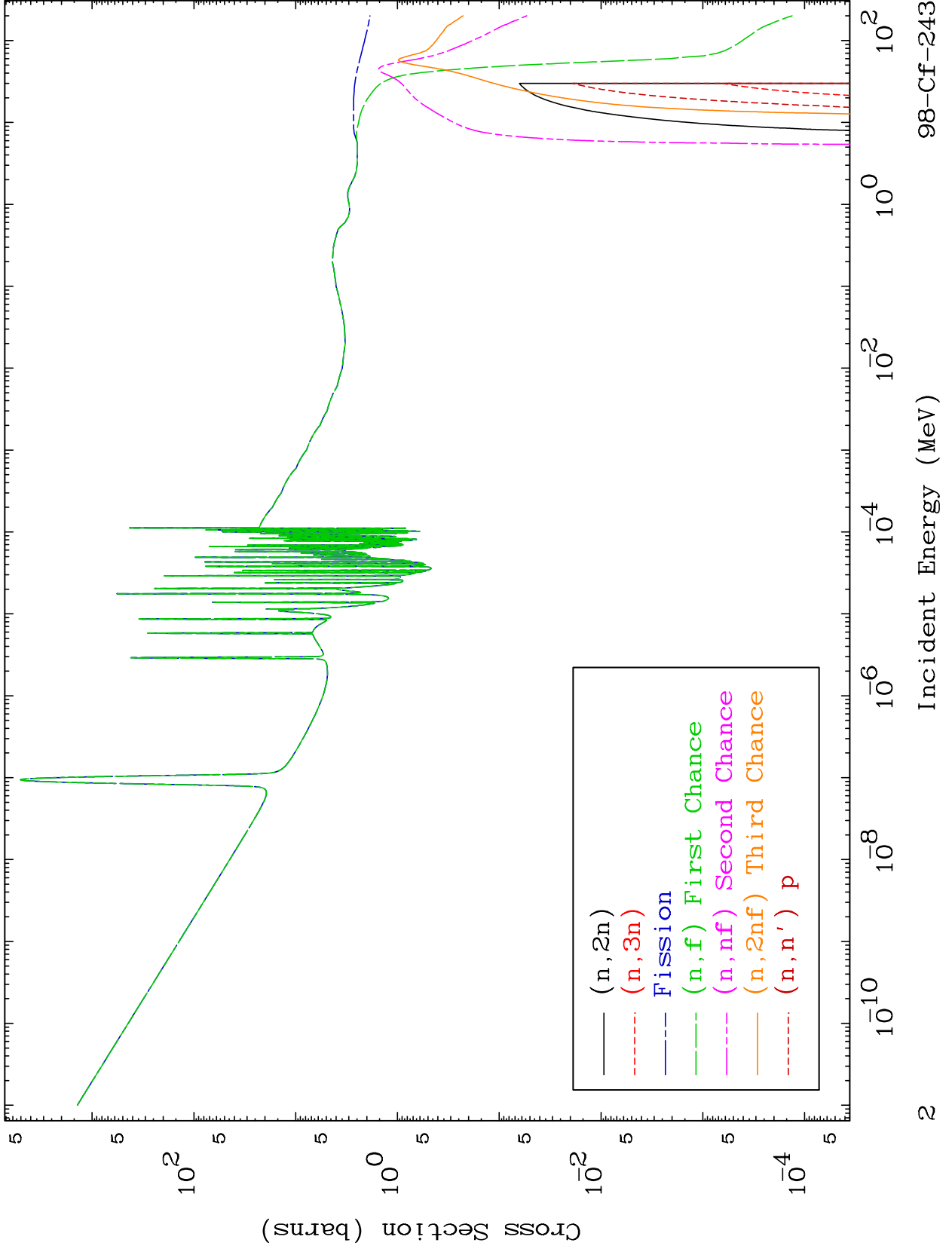
98-Cf-243

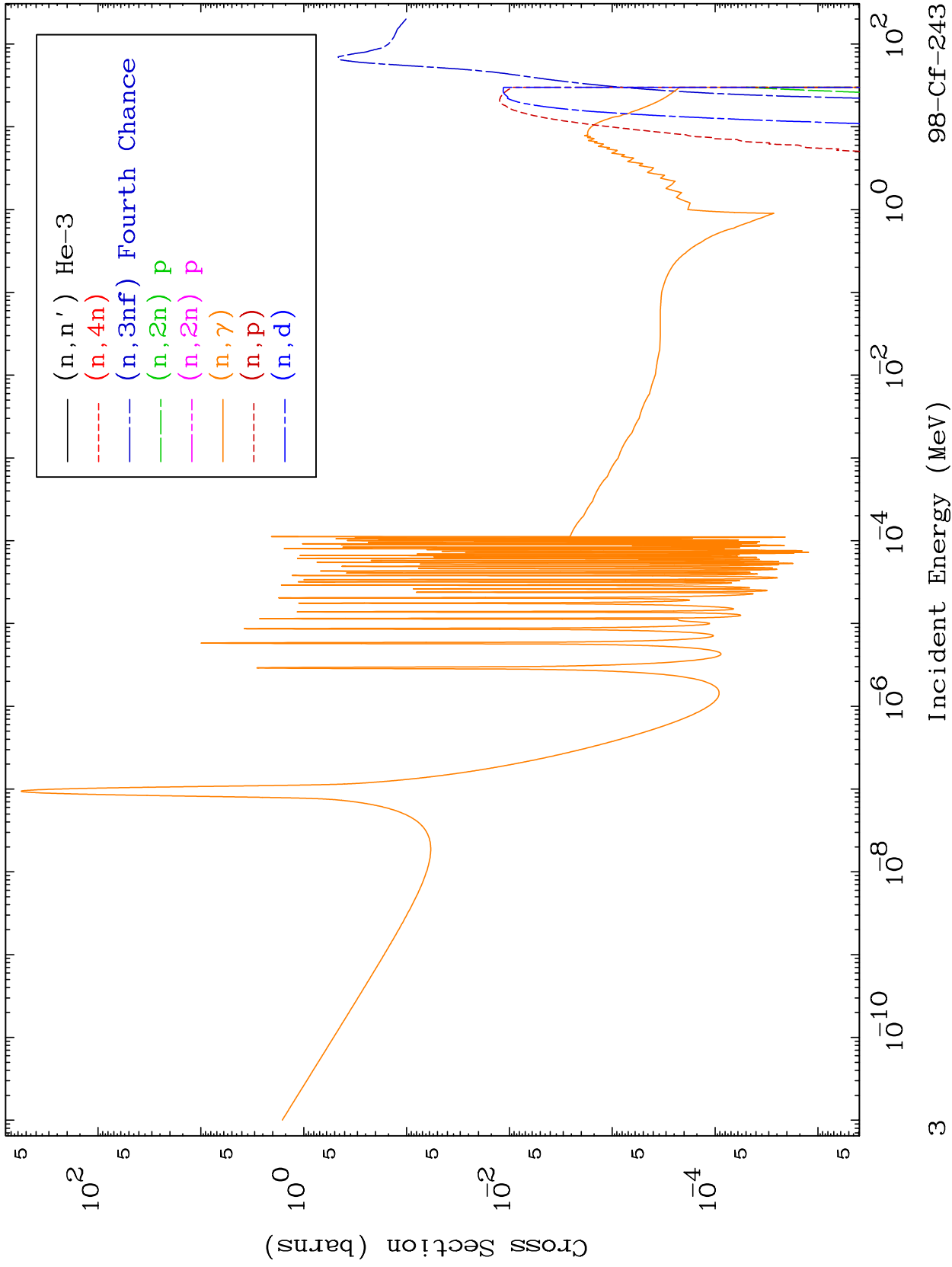


MAT 9834

Neutron Absorption
293 Kelvin Cross Sections

98-Cf-243

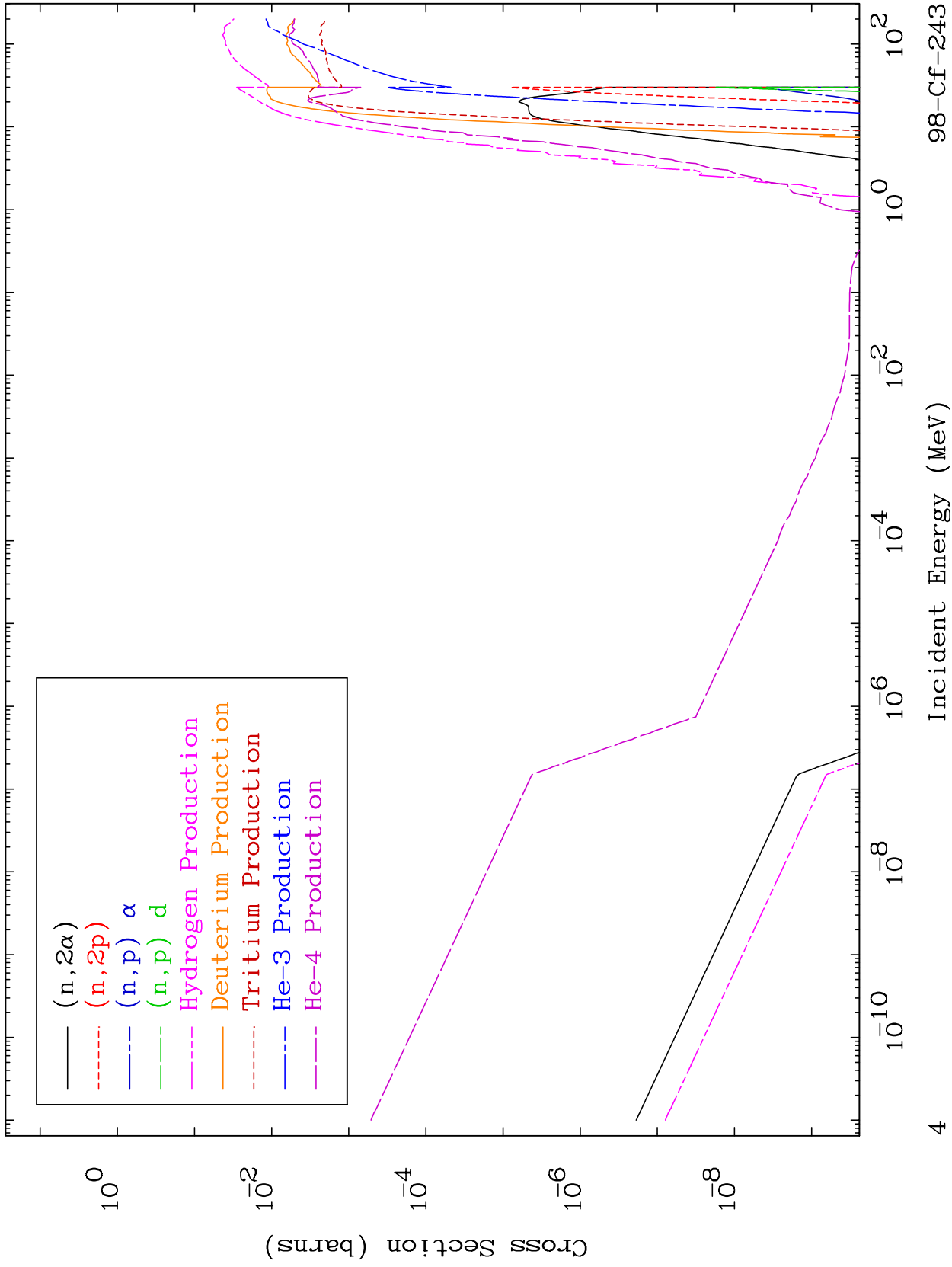




MAT 9834

Neutron Absorption
293 Kelvin Cross Sections

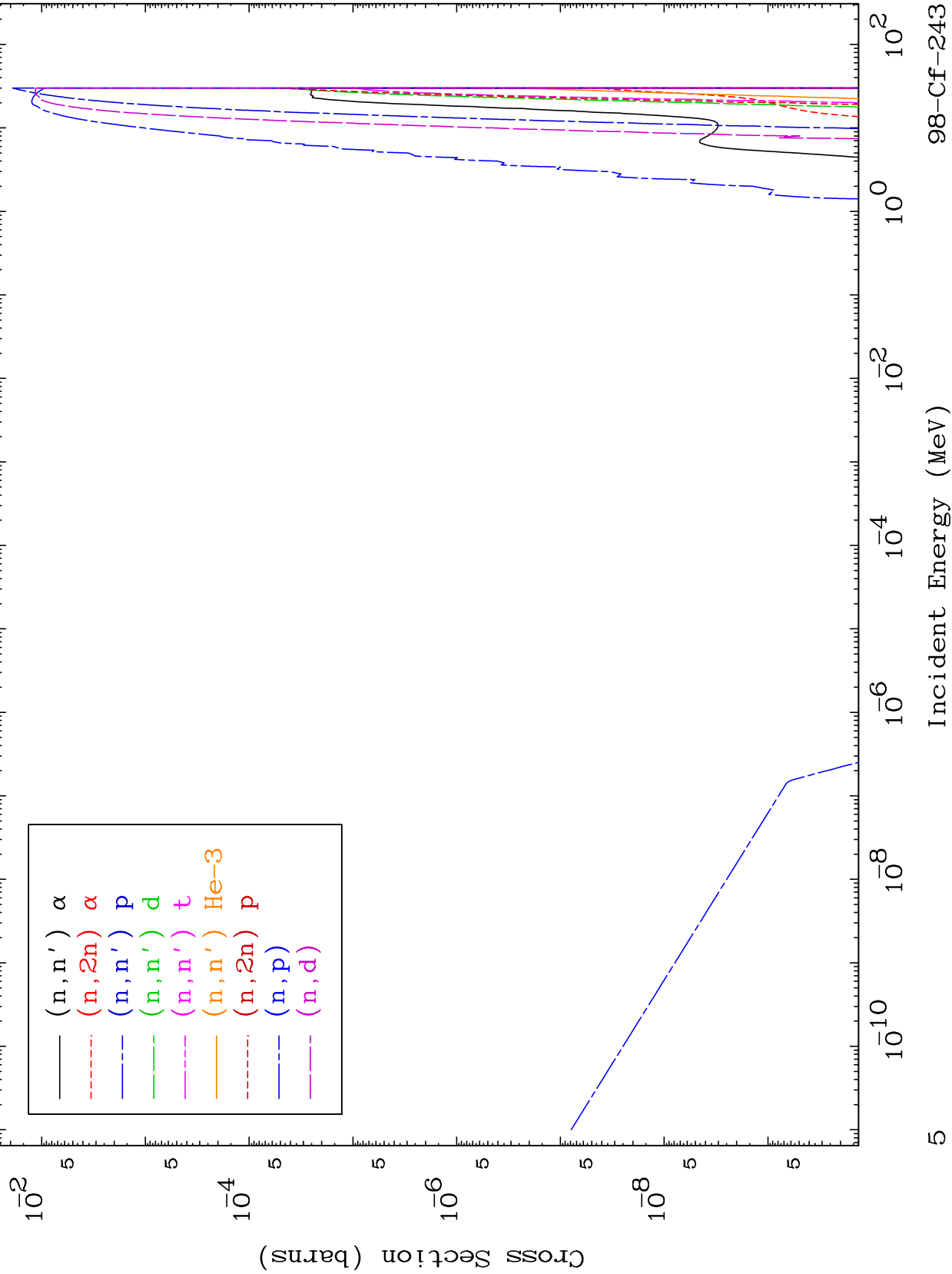
98-Cf-243



MAT 9834

Charged Particle
293 Kelvin Cross Sections

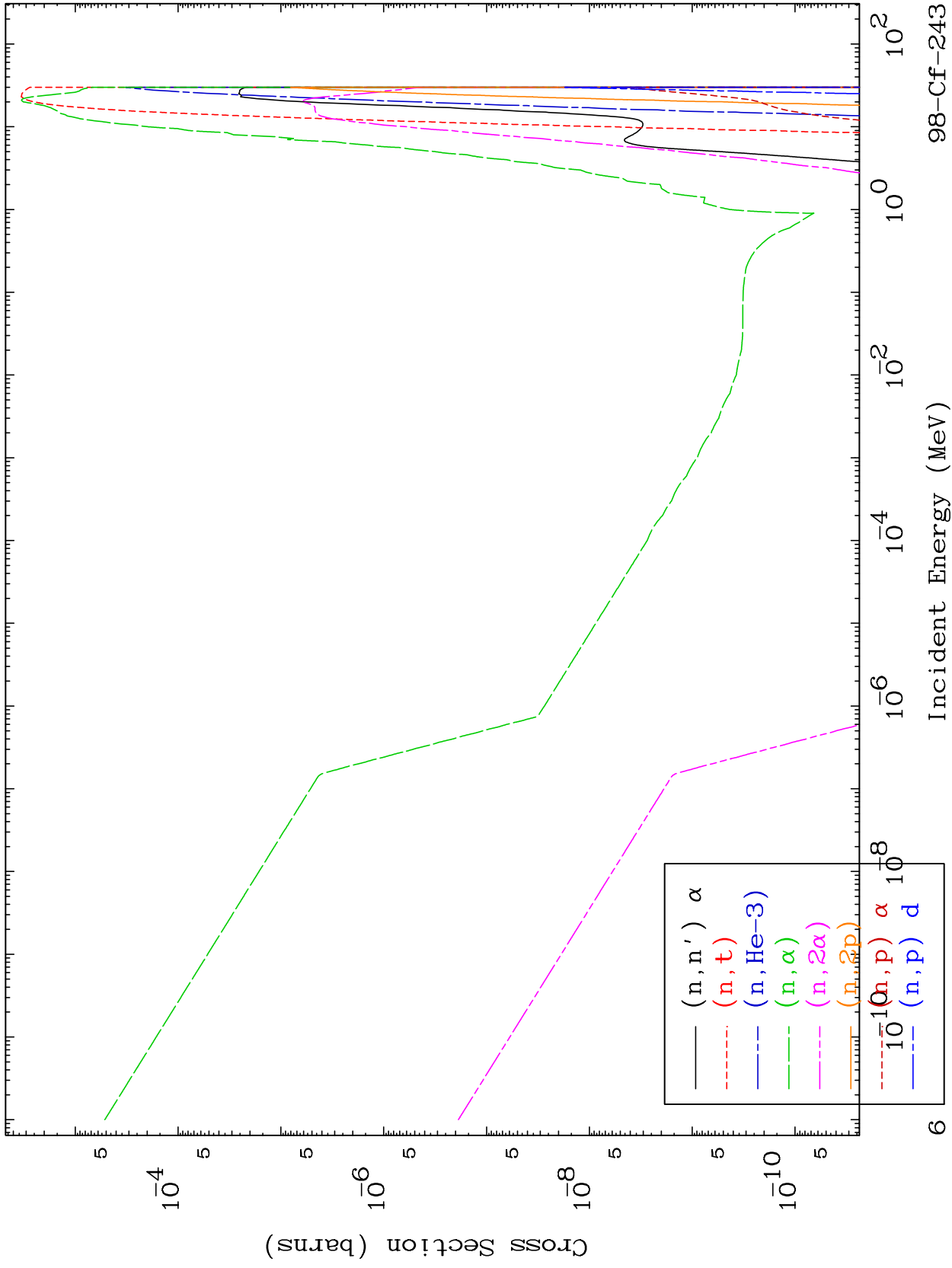
98-Cf-243



MAT 9834

Charged Particle
293 Kelvin Cross Sections

98-Cf-243



98-Cf-243

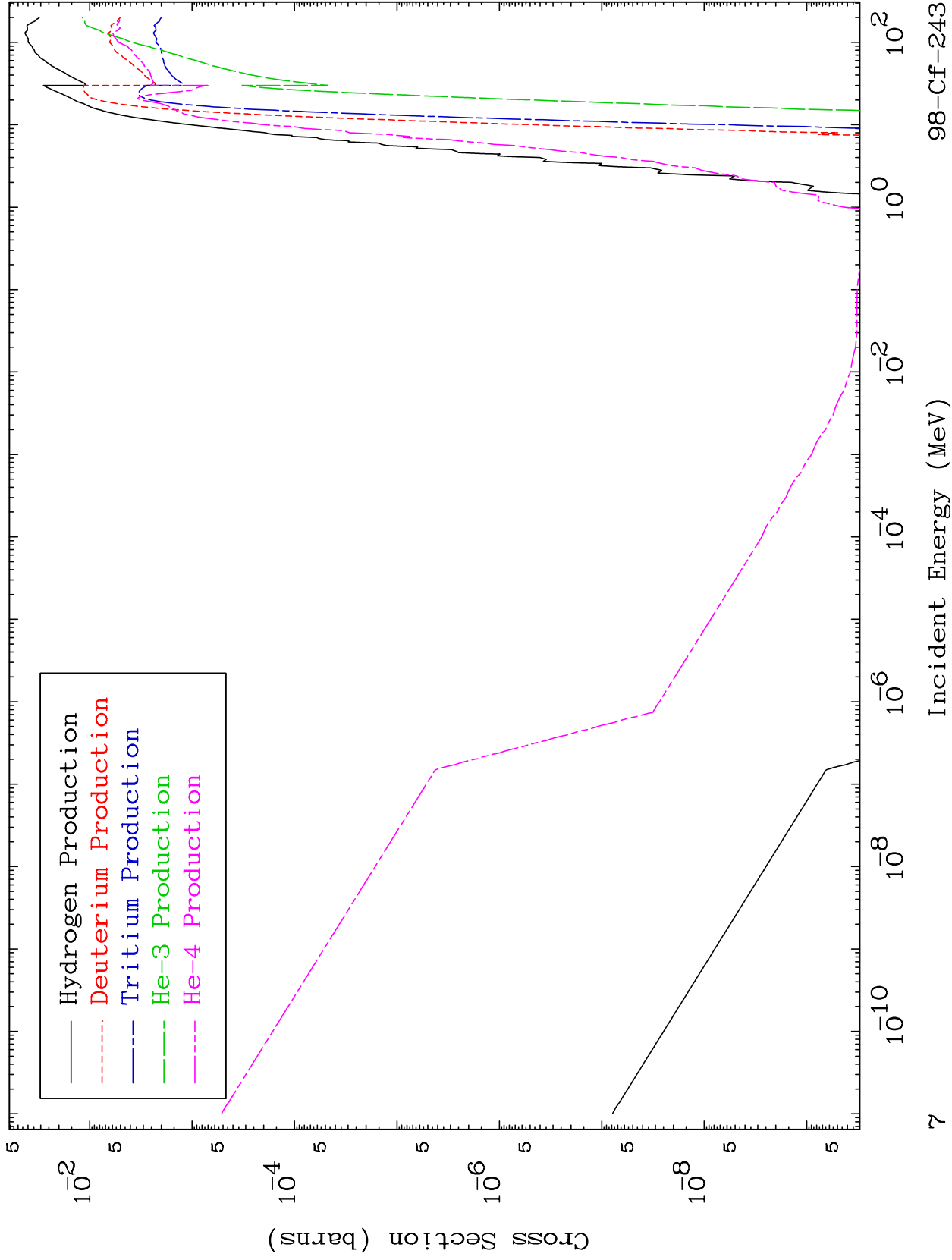
Incident Energy (MeV)

6

MAT 9834

Particle Production
293 Kelvin Cross Sections

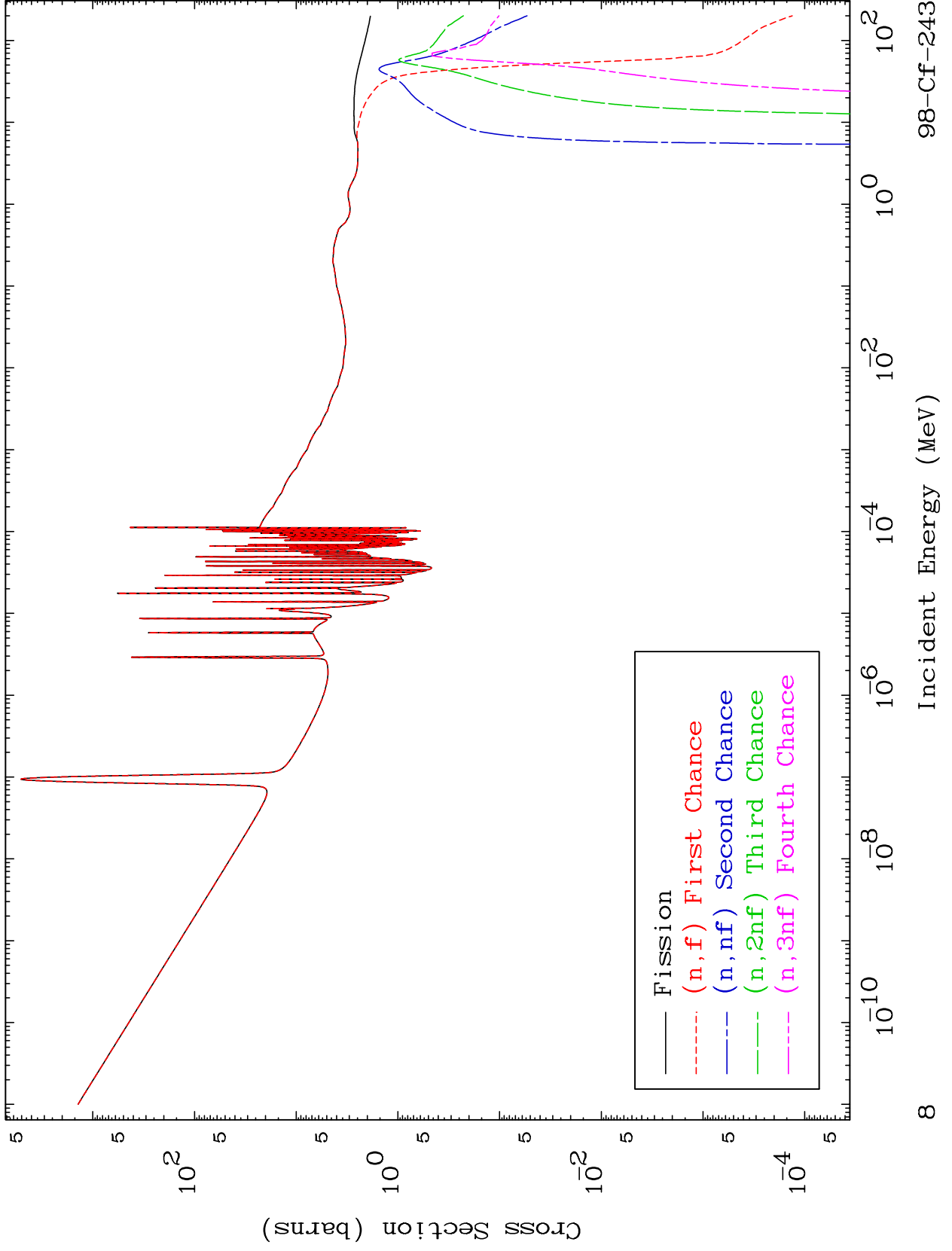
98-Cf-243



MAT 9834

Fission
293 Kelvin Cross Sections

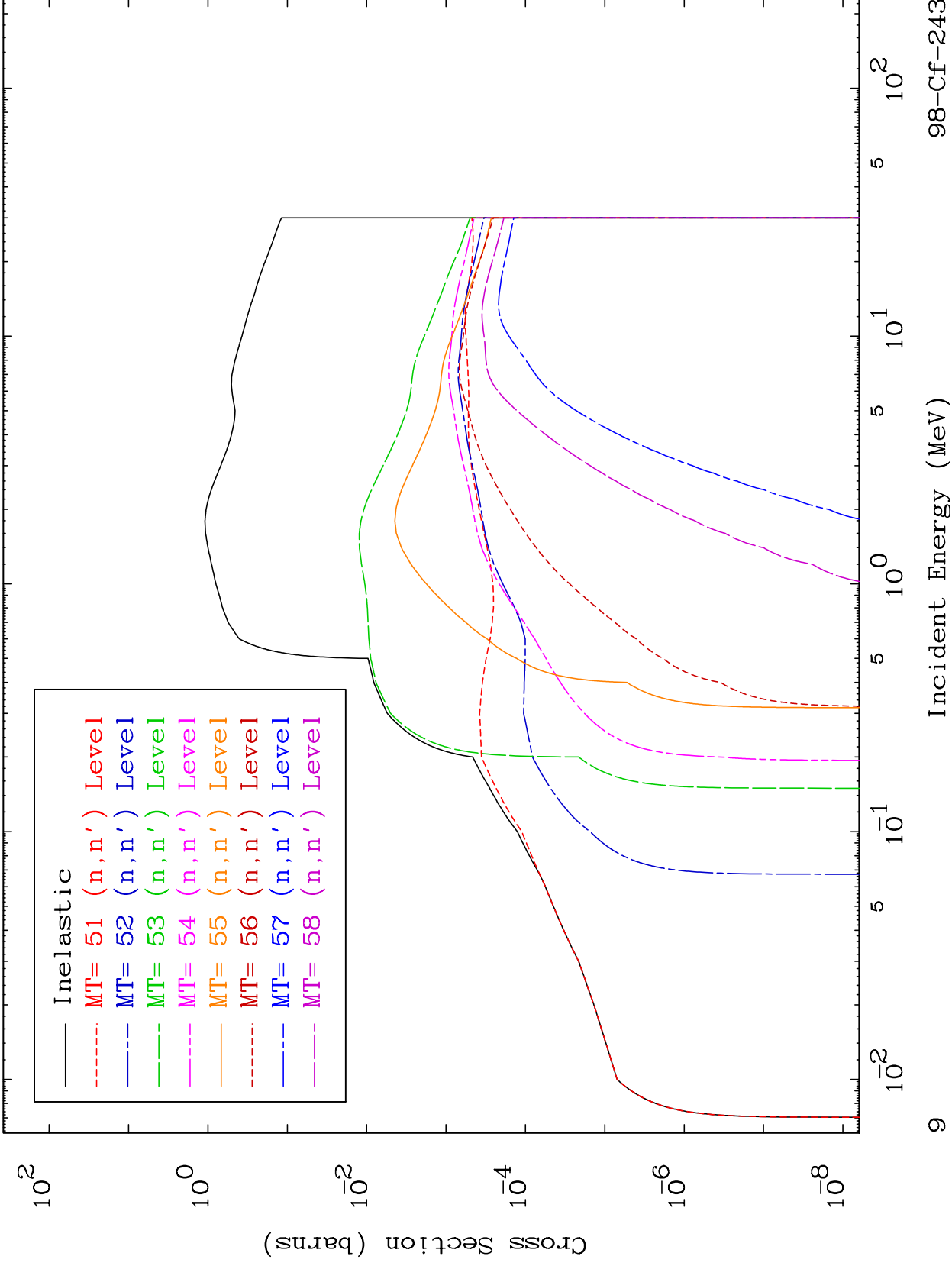
98-Cf-243



MAT 9834

(n,n') Levels
293 Kelvin Cross Sections

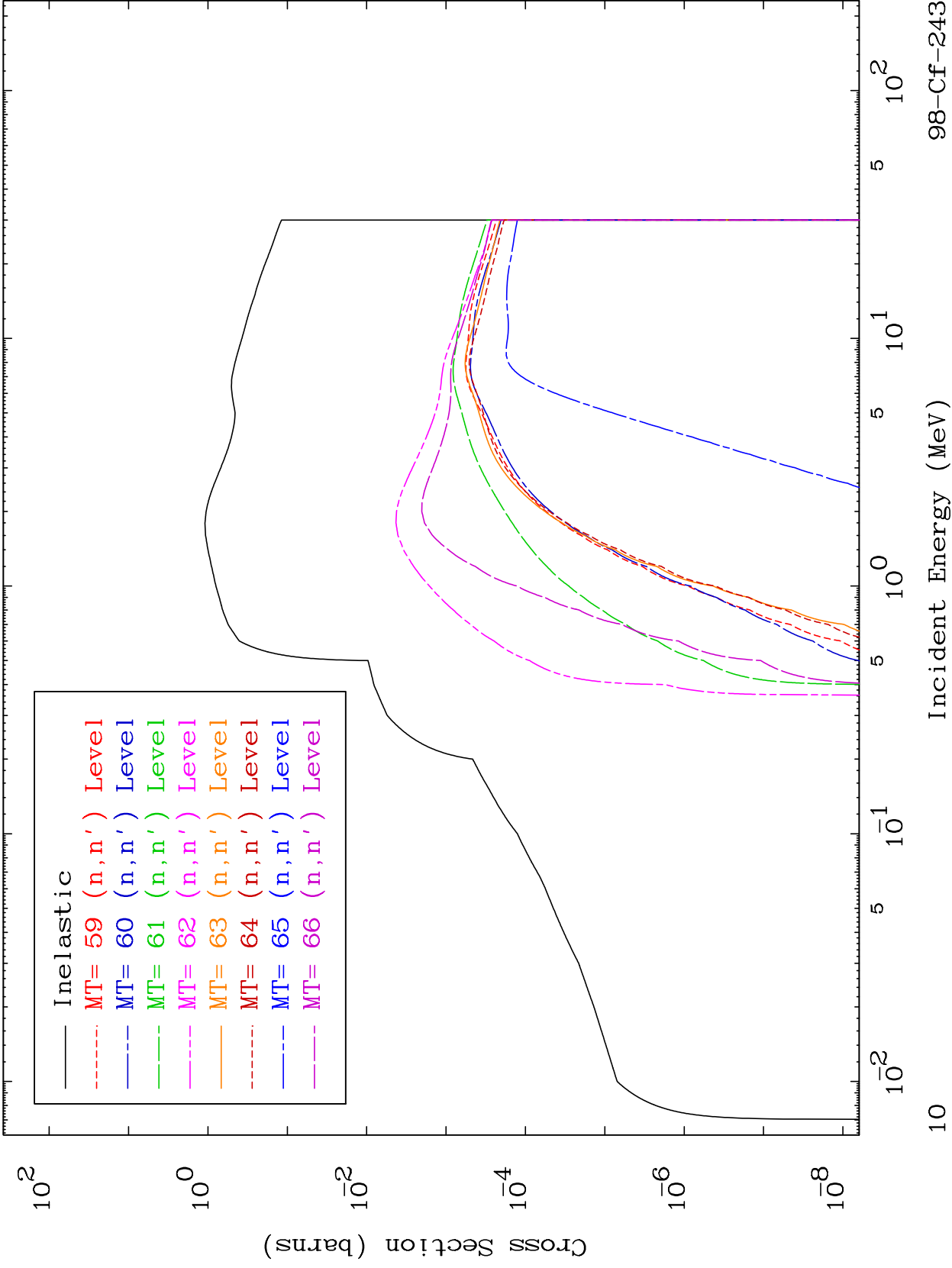
98-Cf-243



MAT 9834

(n,n') Levels
293 Kelvin Cross Sections

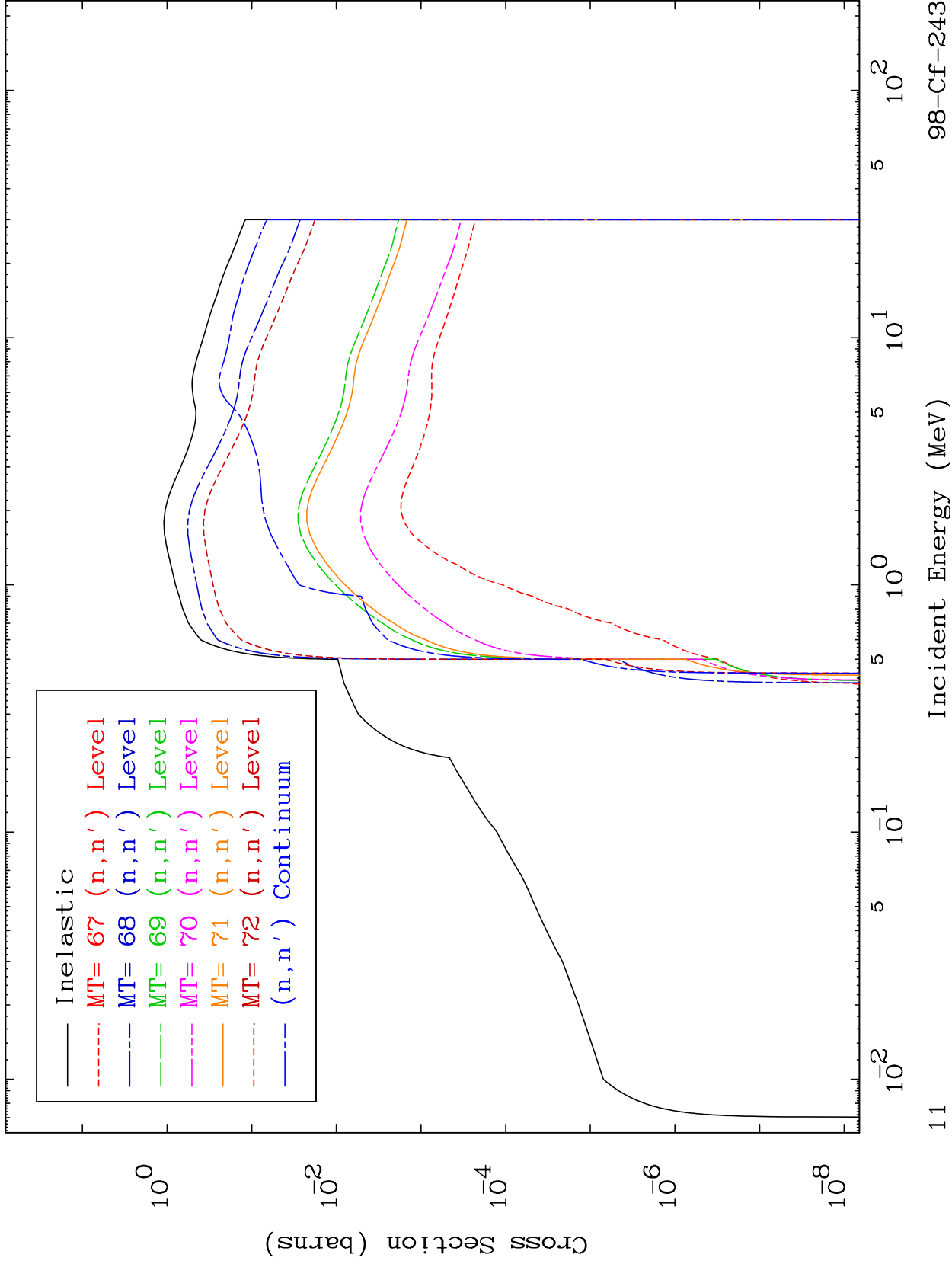
98-Cf-243



MAT 9834

(n,n') Levels
293 Kelvin Cross Sections

98-Cf-243



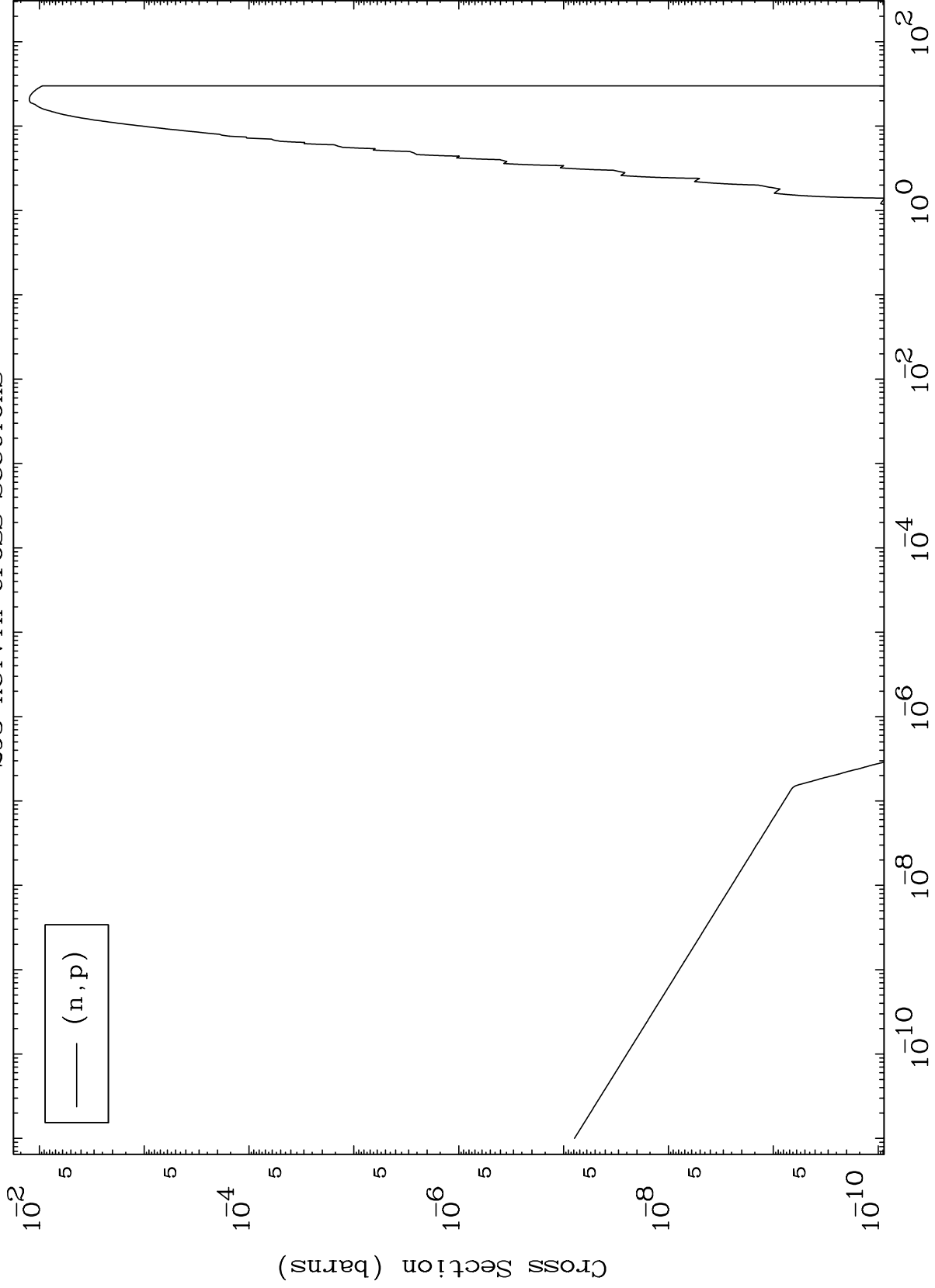
11

98-Cf-243

MAT 9834

(n,p) Levels
293 Kelvin Cross Sections

98-Cf-243



12

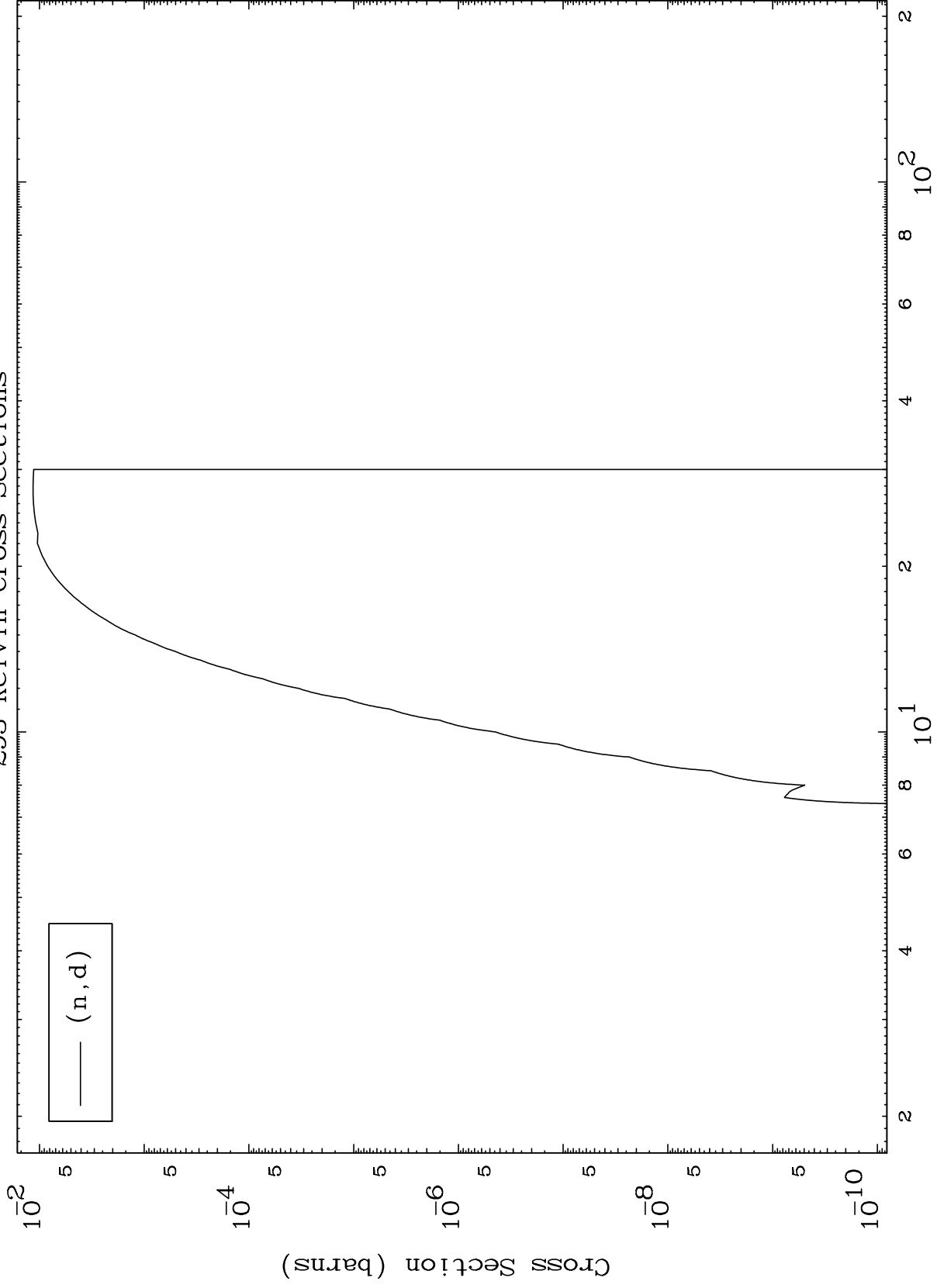
Incident Energy (MeV)

98-Cf-243

MAT 9834

(n,d) Levels
293 Kelvin Cross Sections

98-Cf-243



13

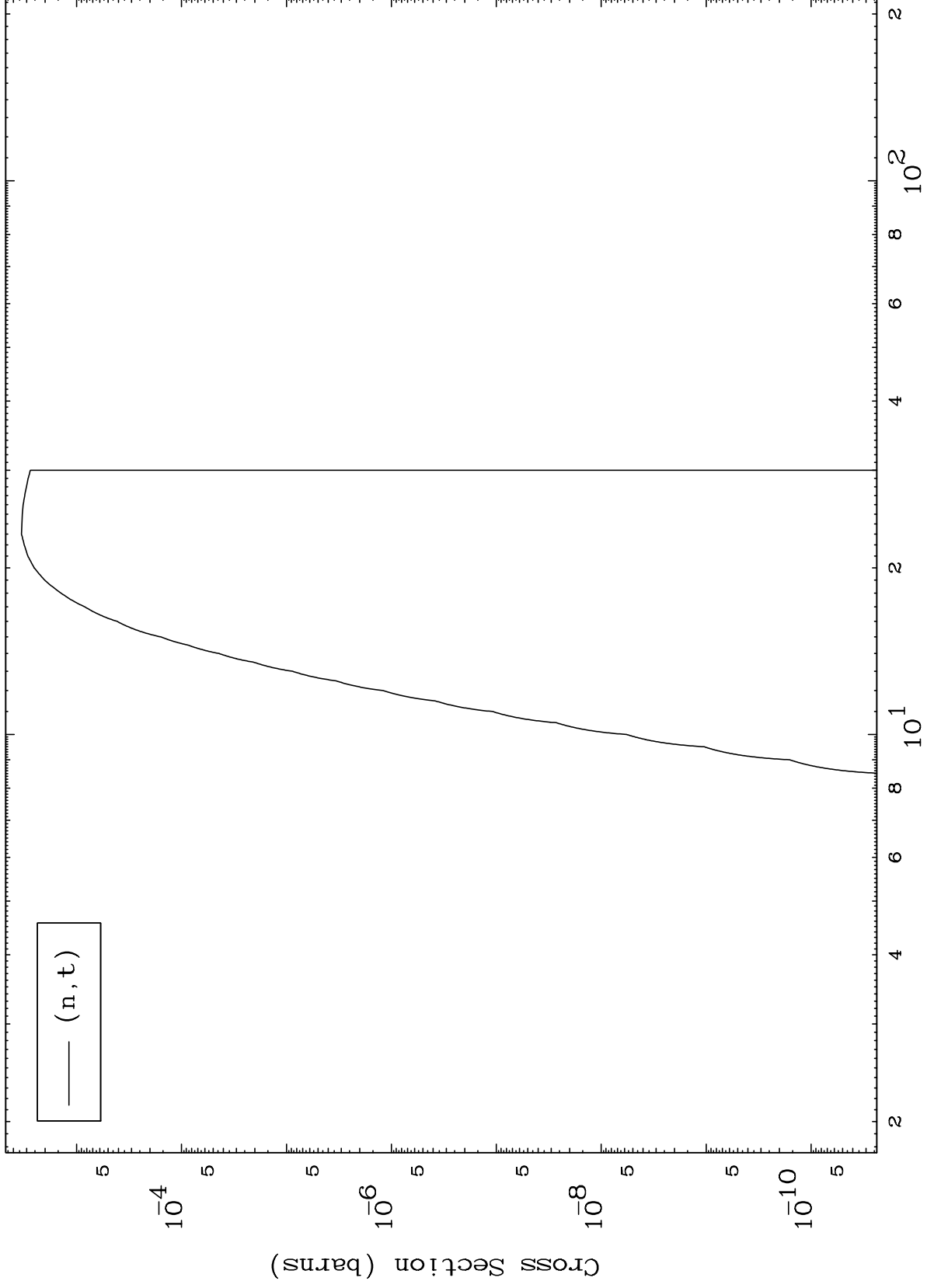
Incident Energy (MeV)

98-Cf-243

MAT 9834

(n,t) Levels
293 Kelvin Cross Sections

98-Cf-243



14

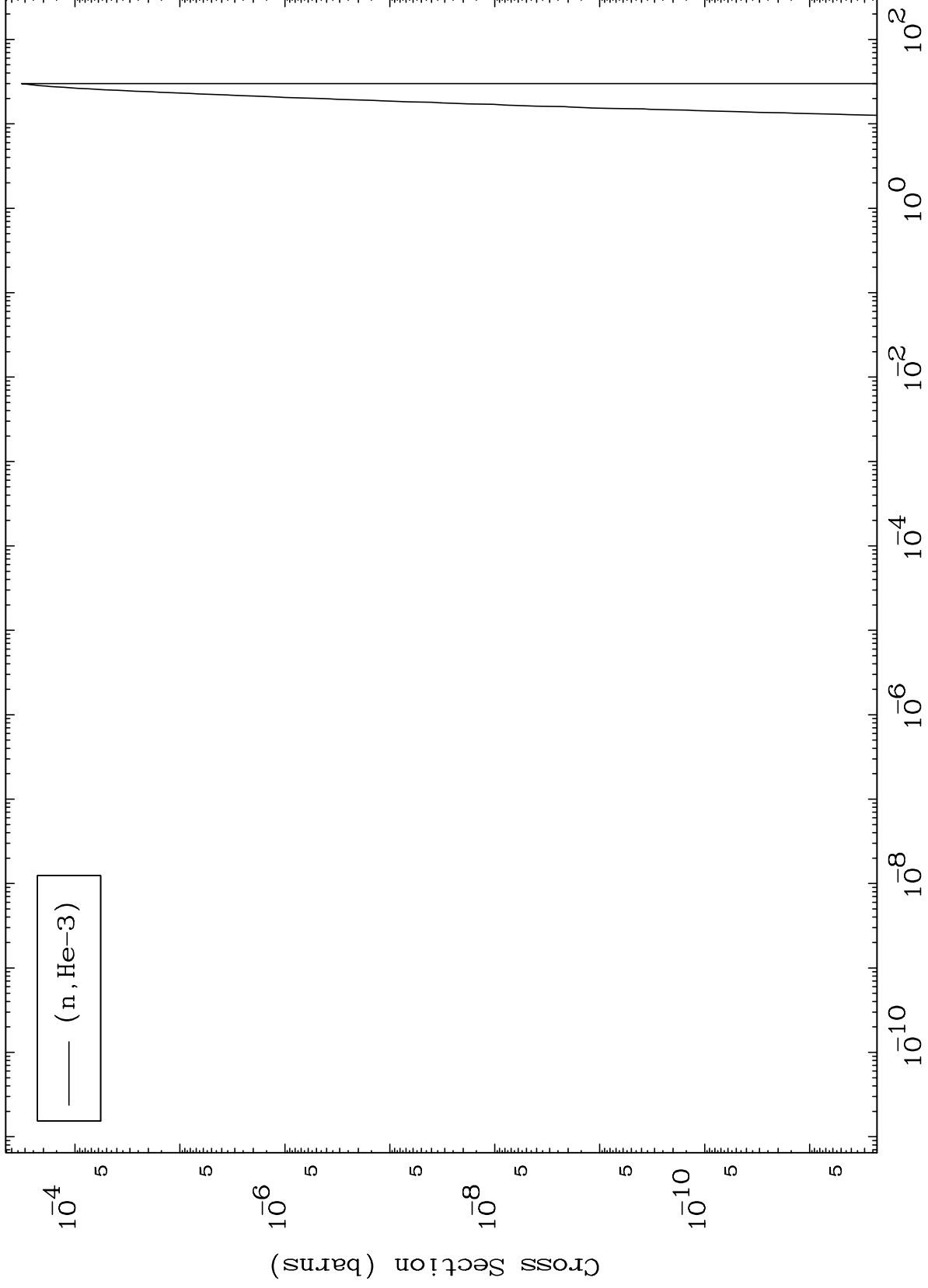
Incident Energy (MeV)

98-Cf-243

MAT 9834

(n,He3) Levels
293 Kelvin Cross Sections

98-Cf-243

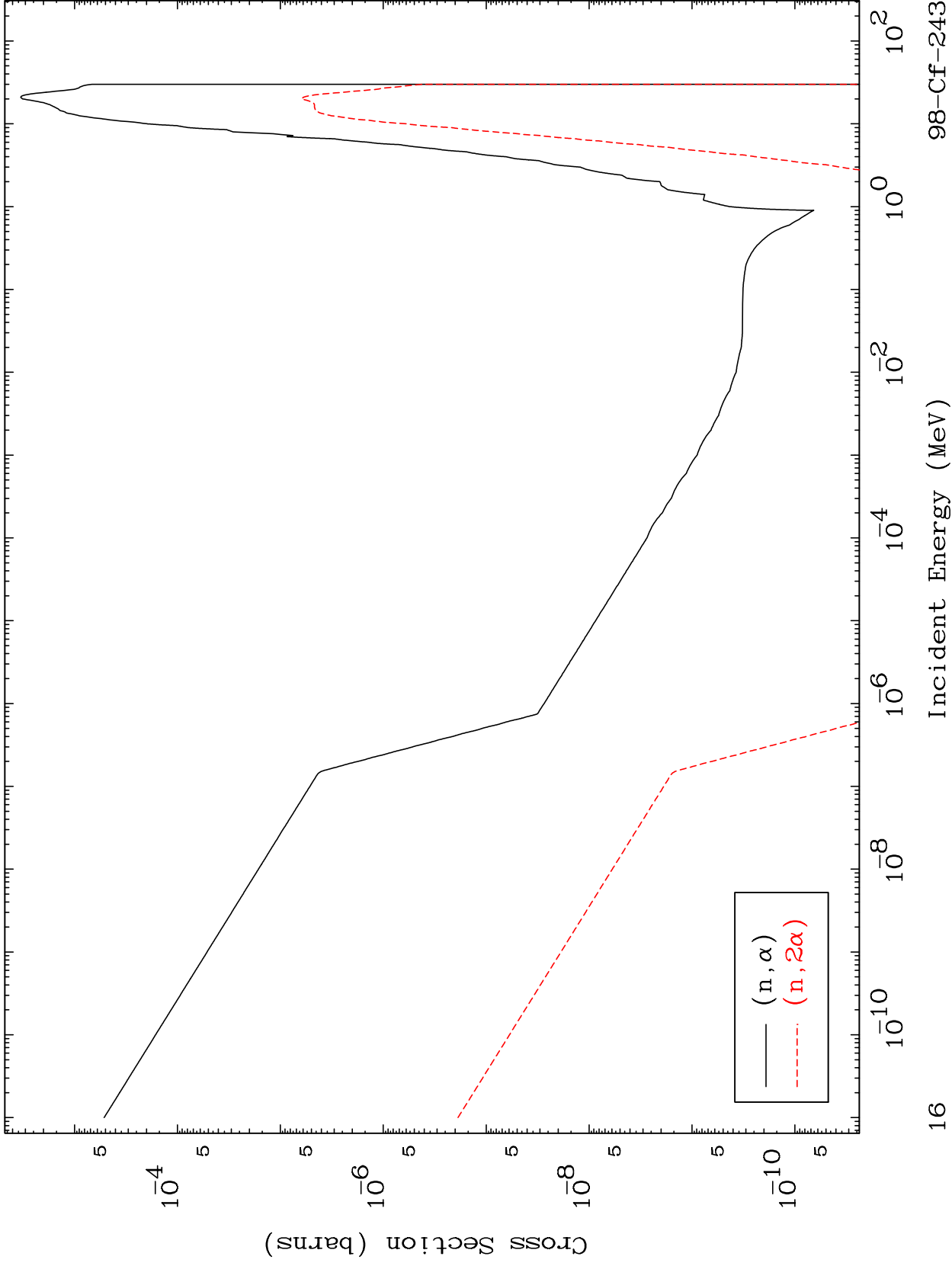


(n, He-3)

MAT 9834

(n,α) Levels
293 Kelvin Cross Sections

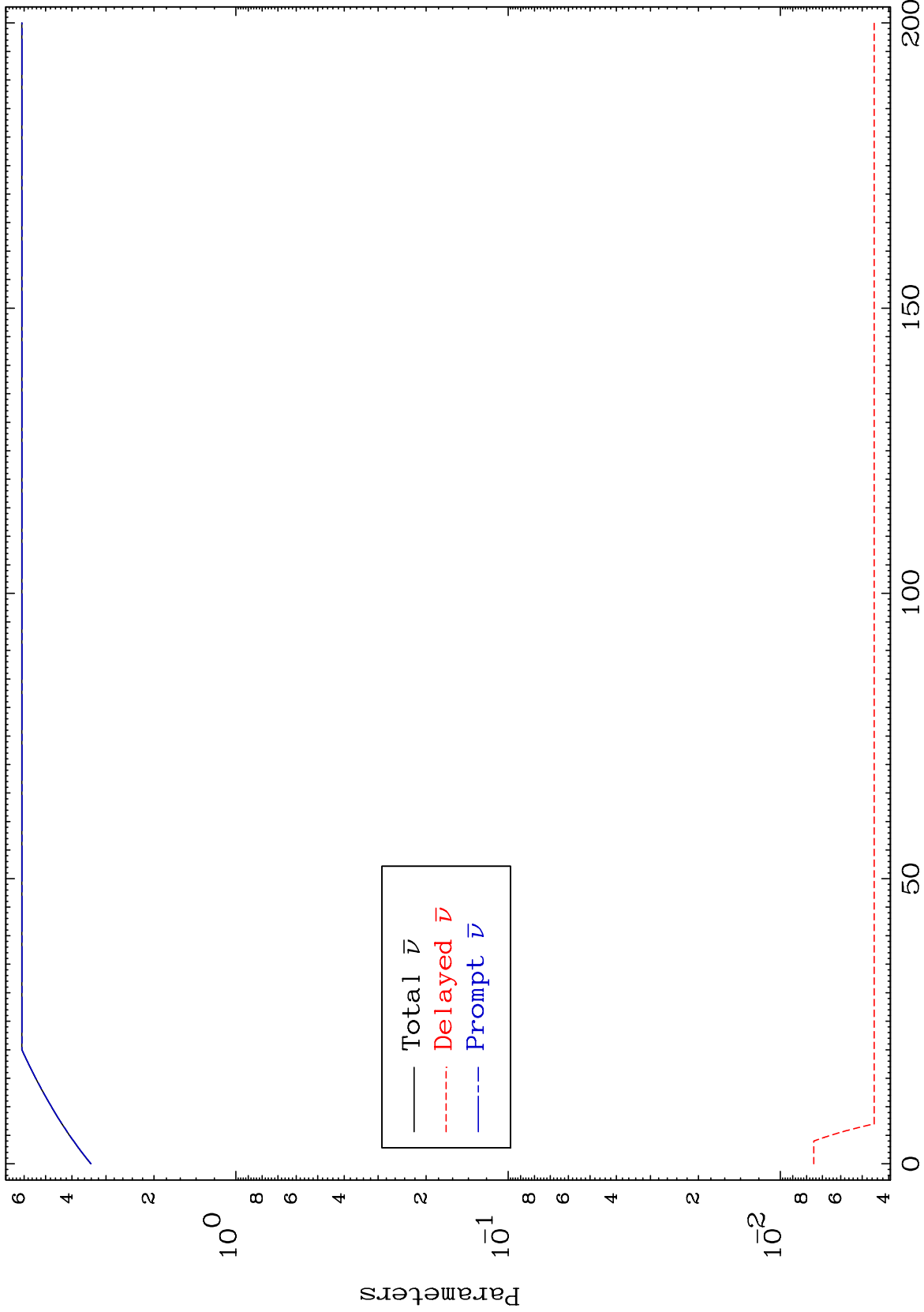
98-Cf-243



MAT 9834

Energy Release
Parameters

98-Cf-243



17

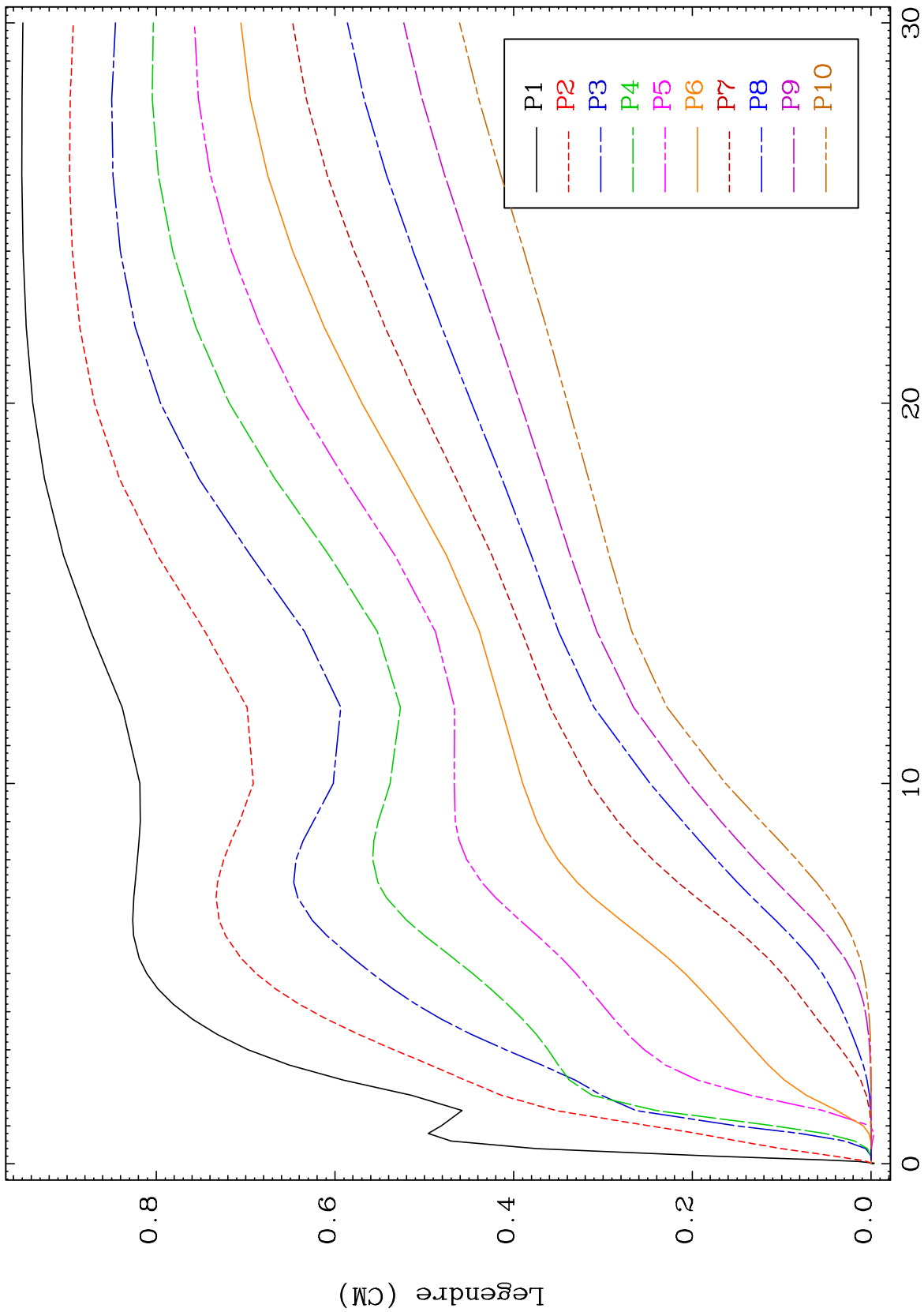
Incident Energy (MeV)

98-Cf-243

MAT 9834

Elastic Legendre Coefficients

98-Cf-243



18

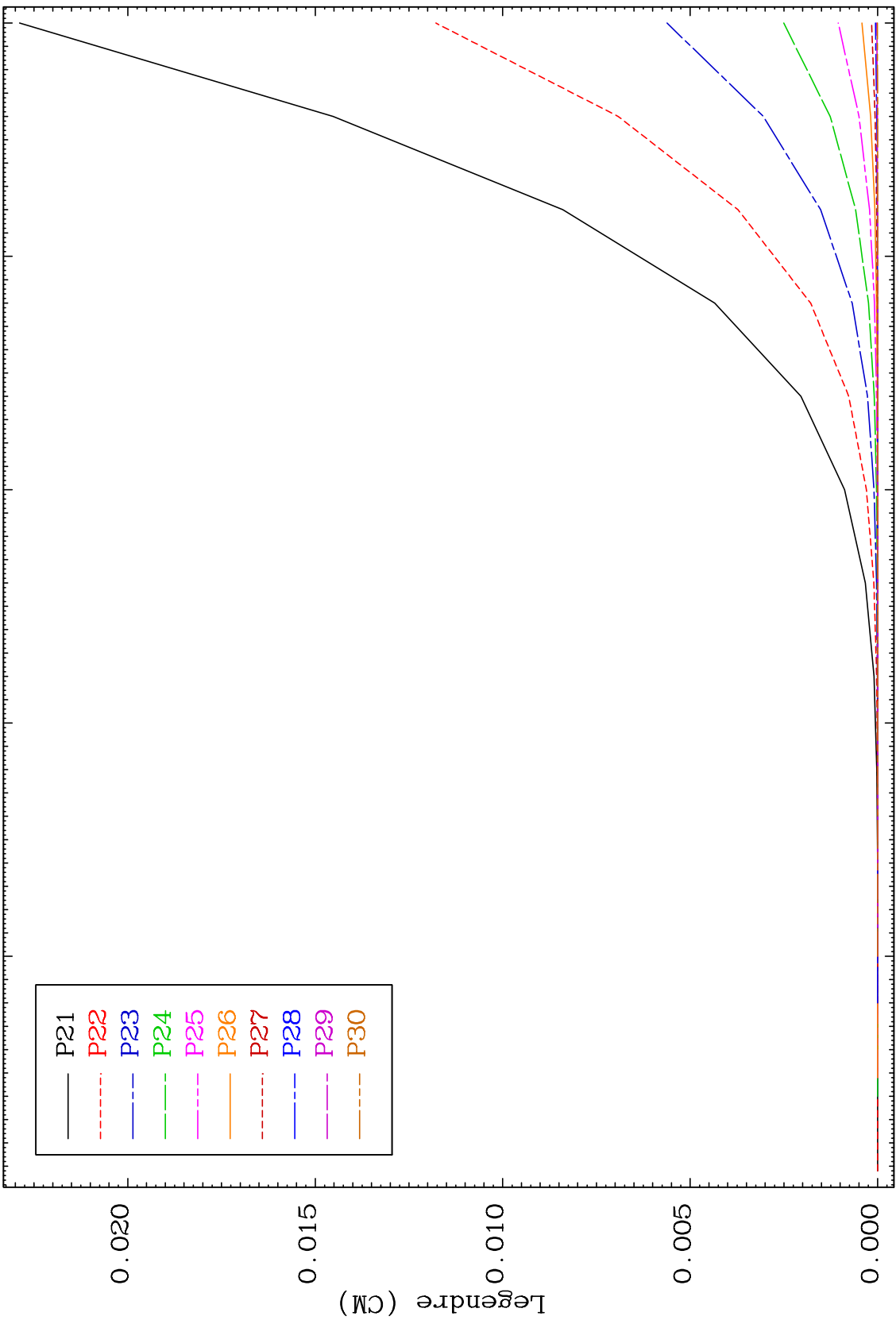
Incident Energy (MeV)

98-Cf-243

MAT 9834

Elastic Legendre Coefficients

98-Cf-243



20

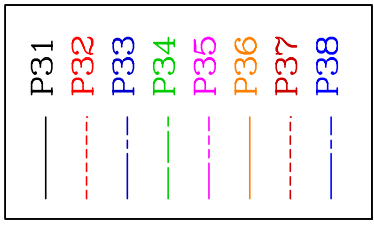
Incident Energy (MeV)

98-Cf-243

MAT 9834

Elastic Legendre Coefficients

98-Cf-243



$\times 10^{-6}$

2.0

1.5

Legendre (CM)

1.0

0.5

0.0

15

20

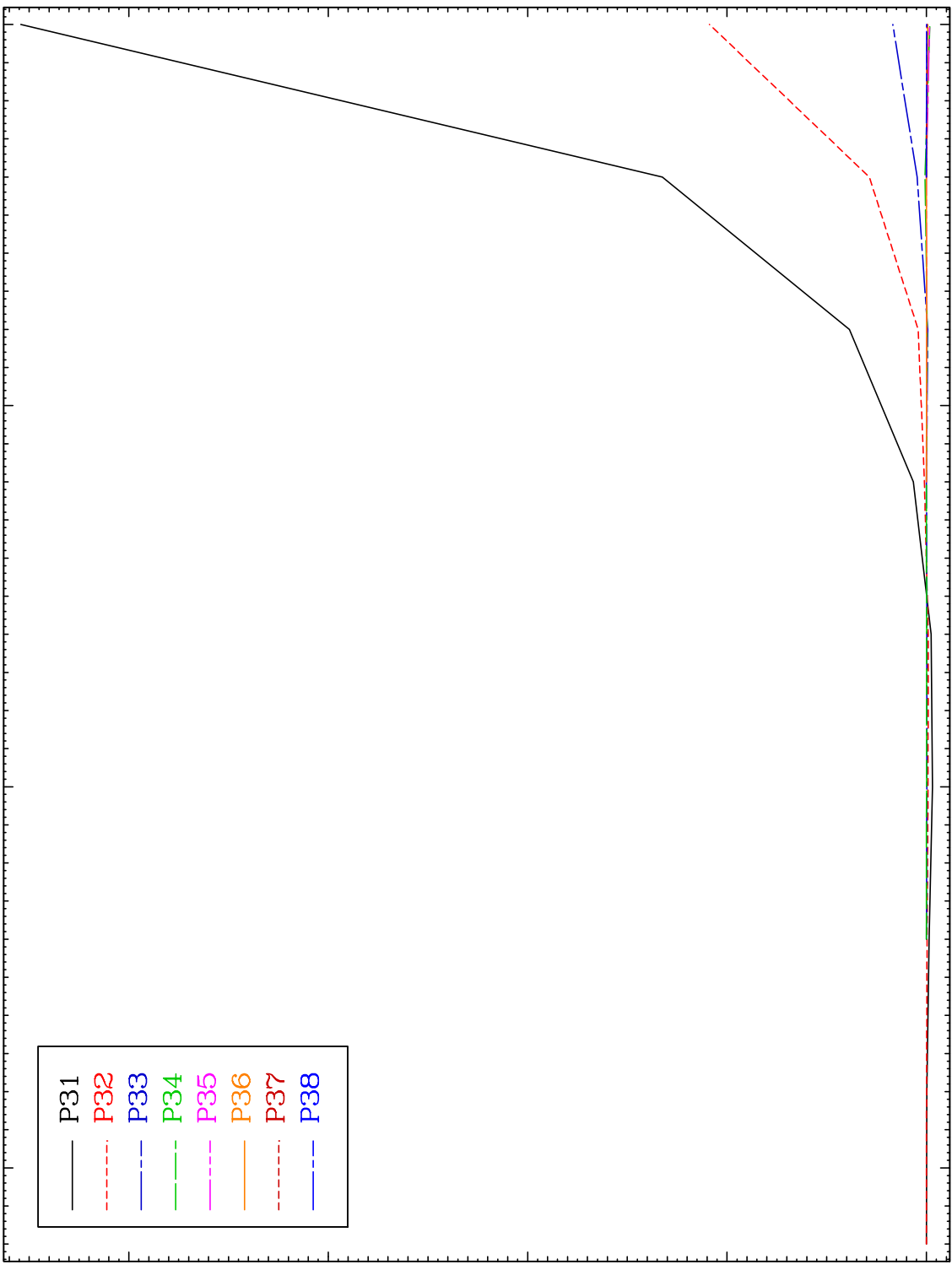
25

30

21

Incident Energy (MeV)

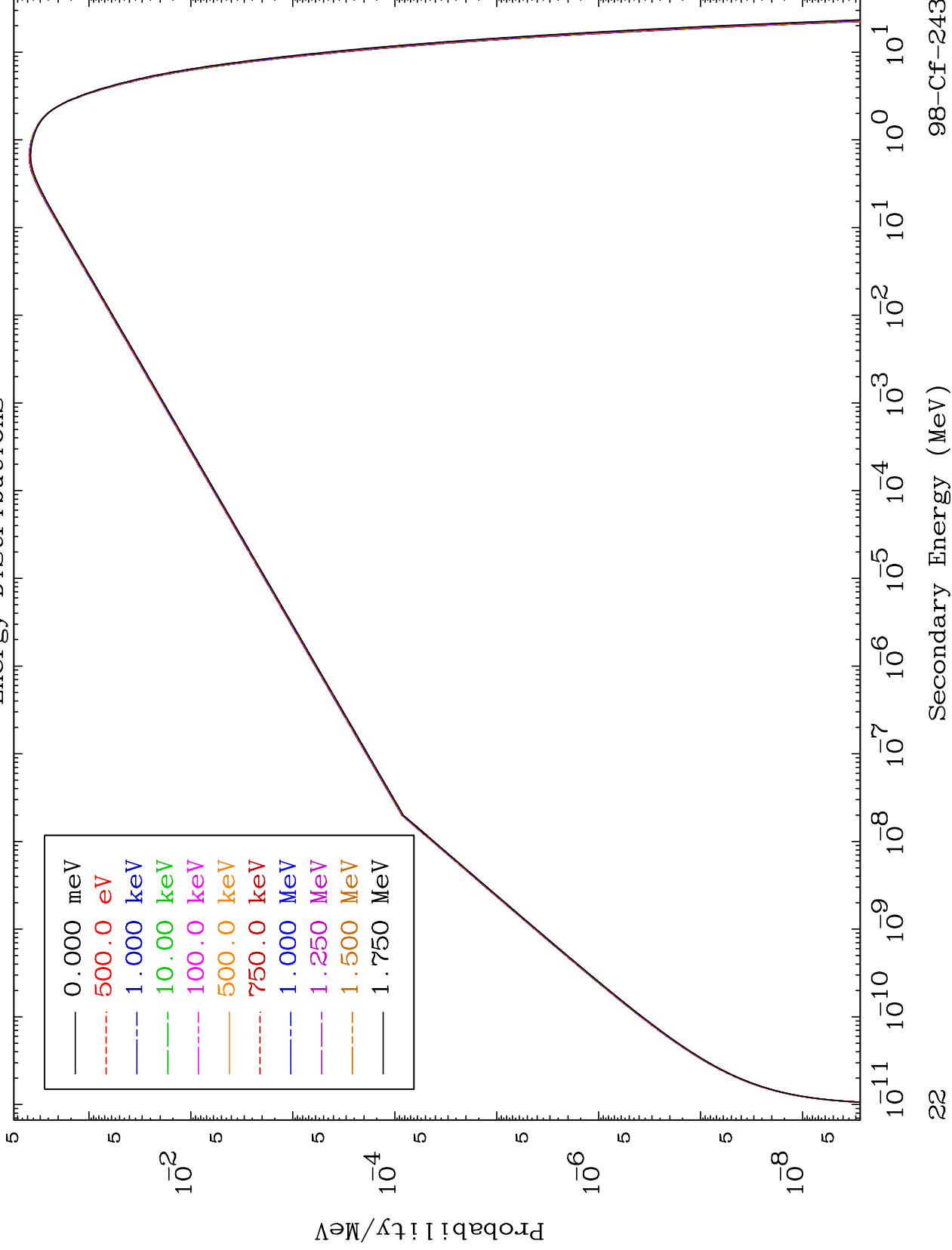
98-Cf-243



MAT 9834

Fission Energy Distributions

98-Cf-243



98-Cf-243

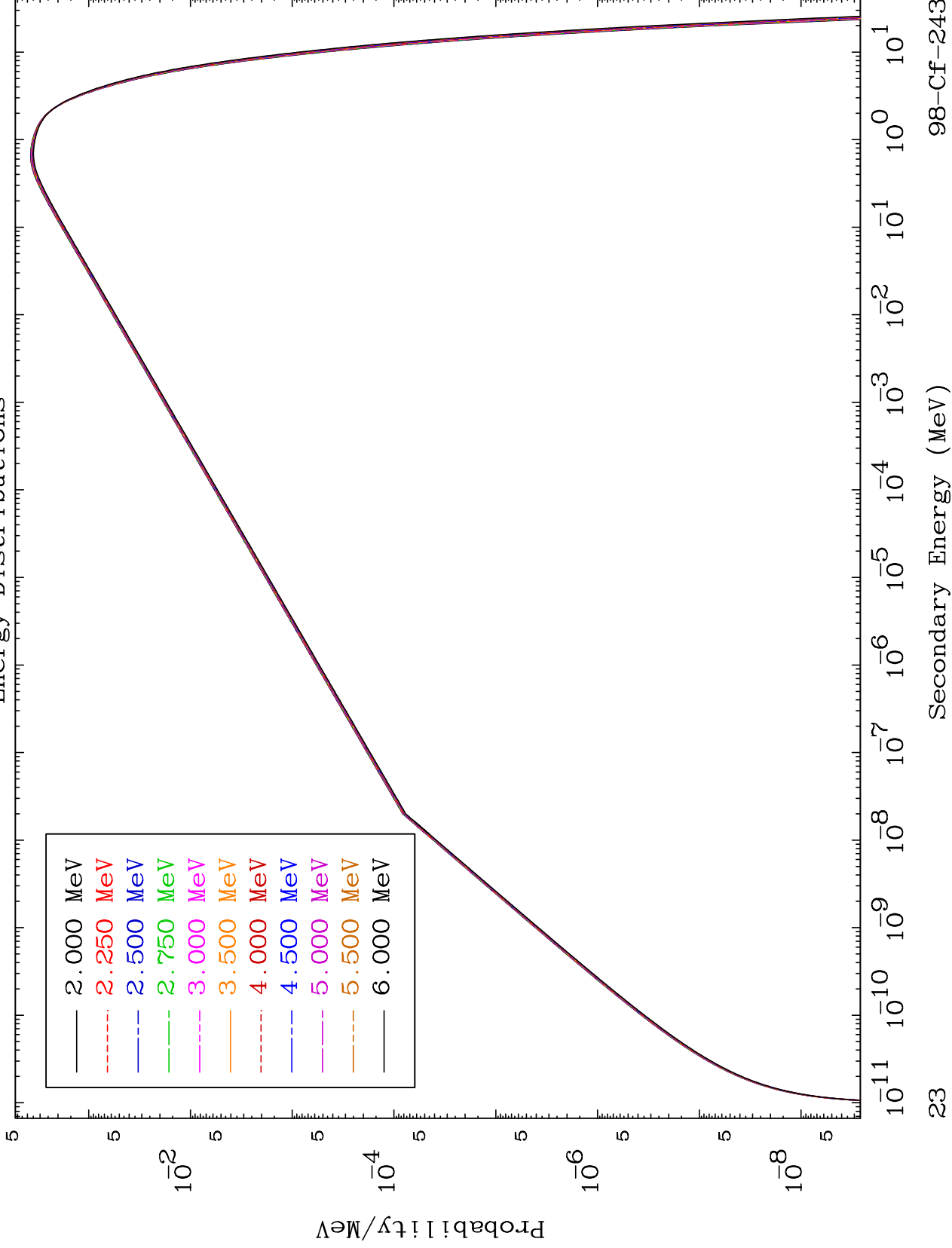
Secondary Energy (MeV)

22

MAT 9834

Fission Energy Distributions

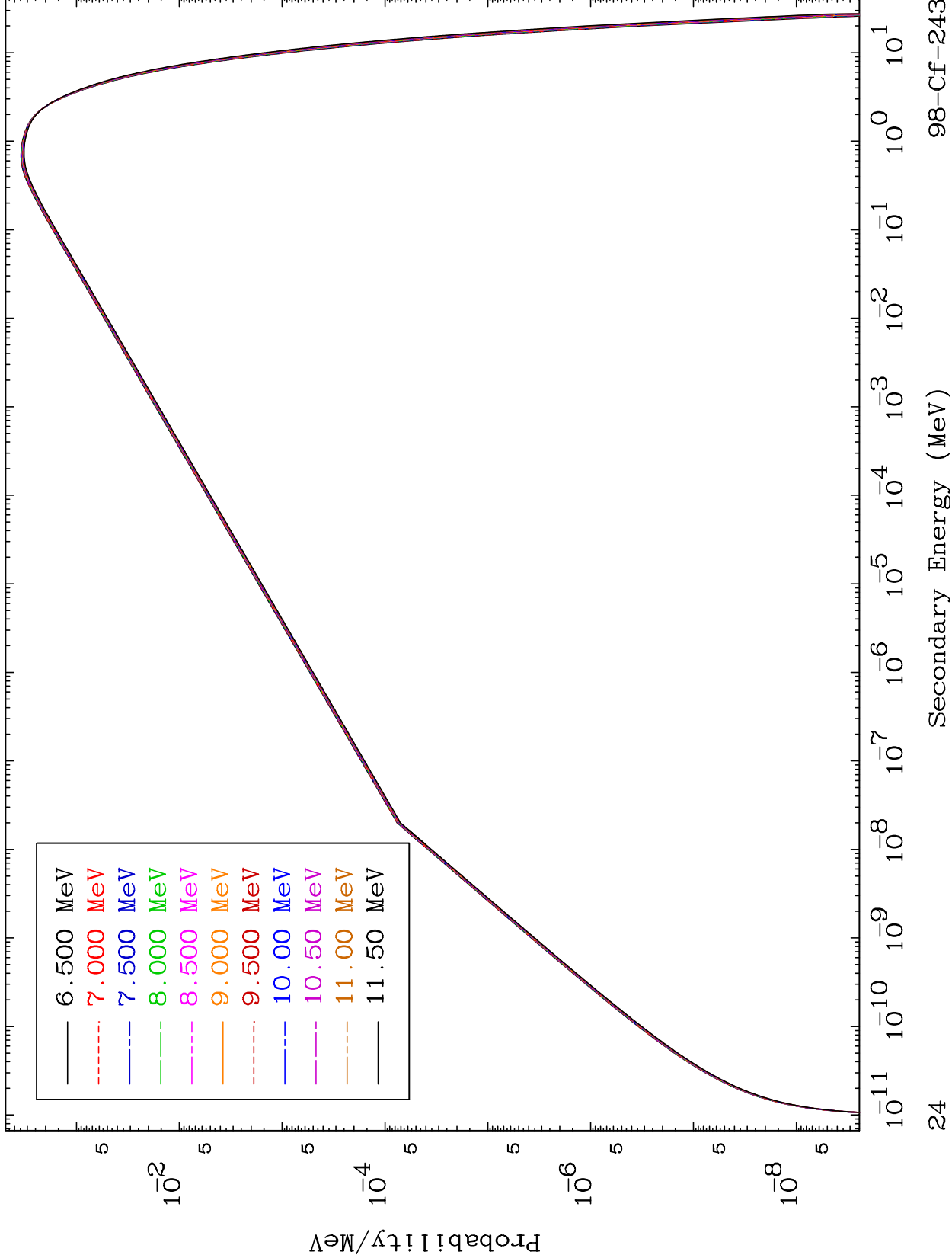
98-Cf-243



MAT 9834

Fission Energy Distributions

98-Cf-243



98-Cf-243

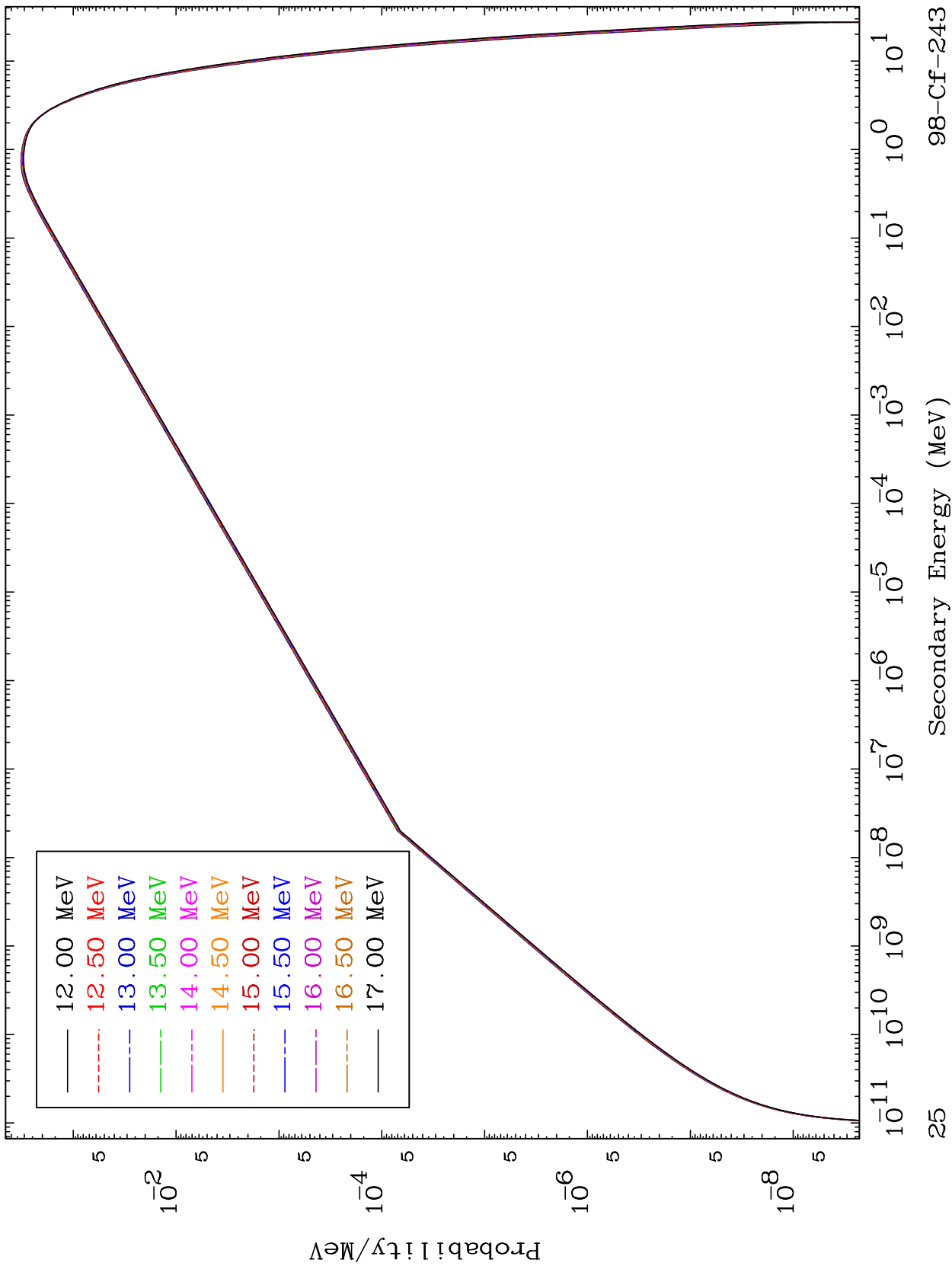
Secondary Energy (MeV)

24

MAT 9834

Fission Energy Distributions

98-Cf-243



MAT 9834

Fission Energy Distributions

98-Cf-243

