

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

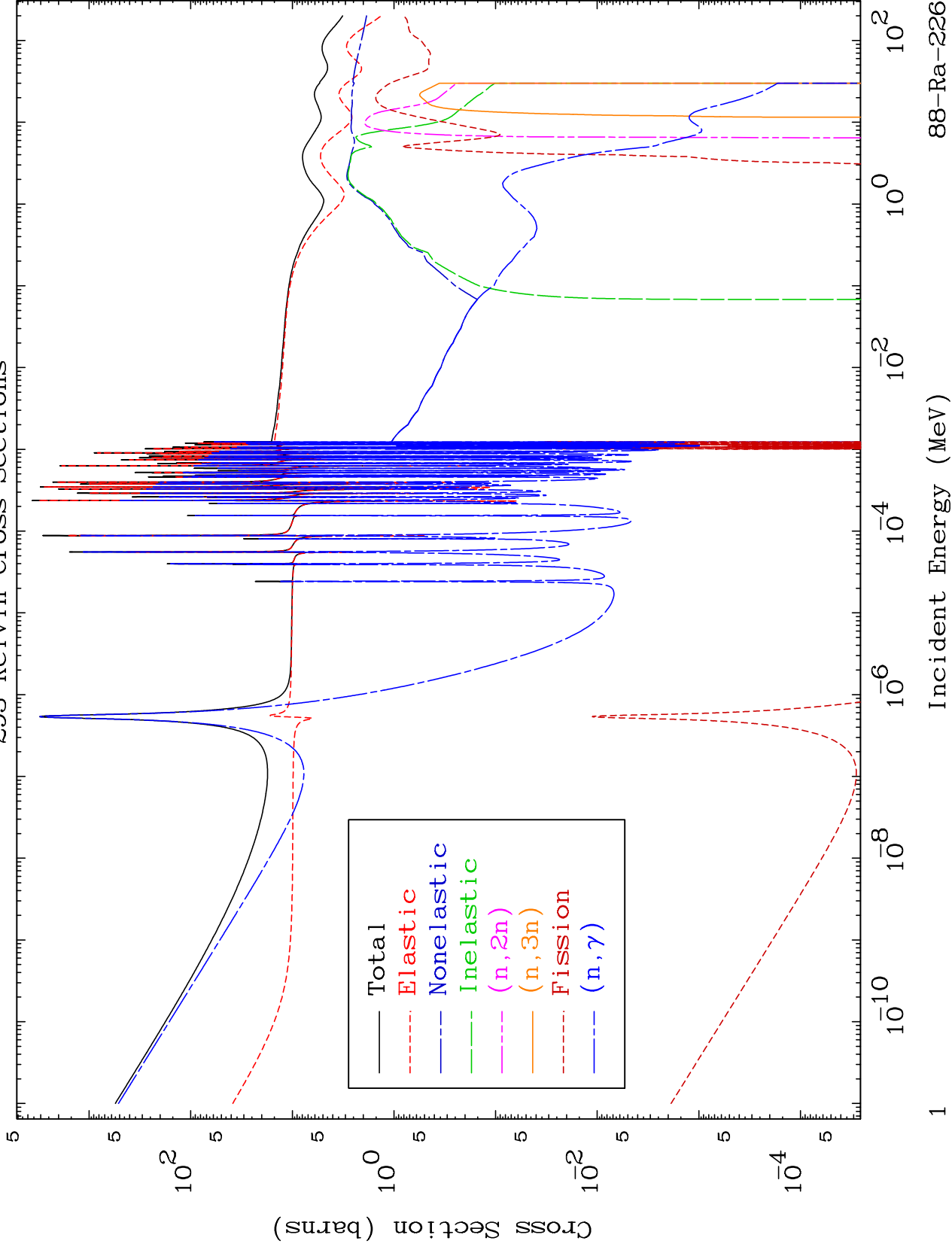
Web:redcullen1.net/HOMEPAGE.NEW

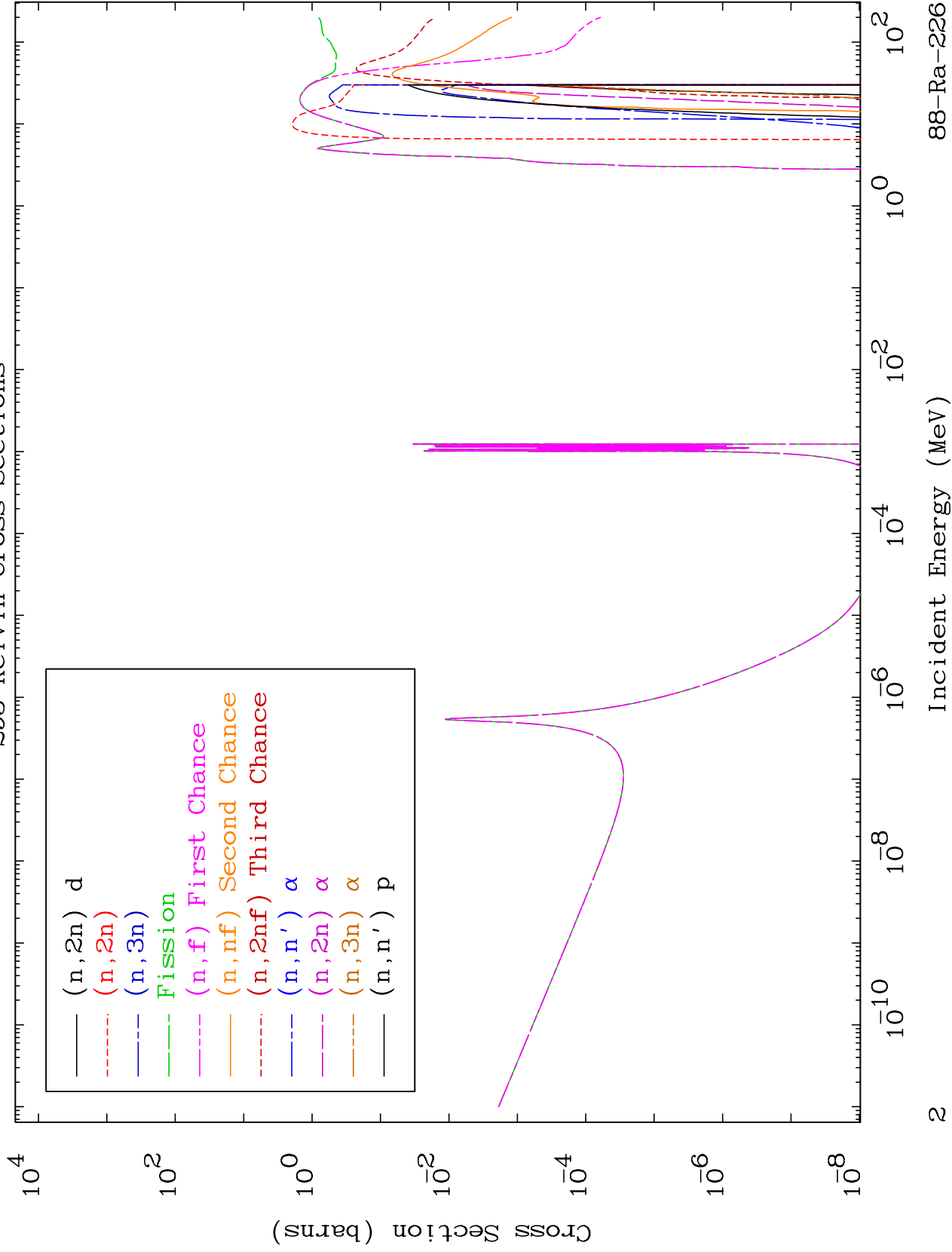
Press Mouse Button to Start

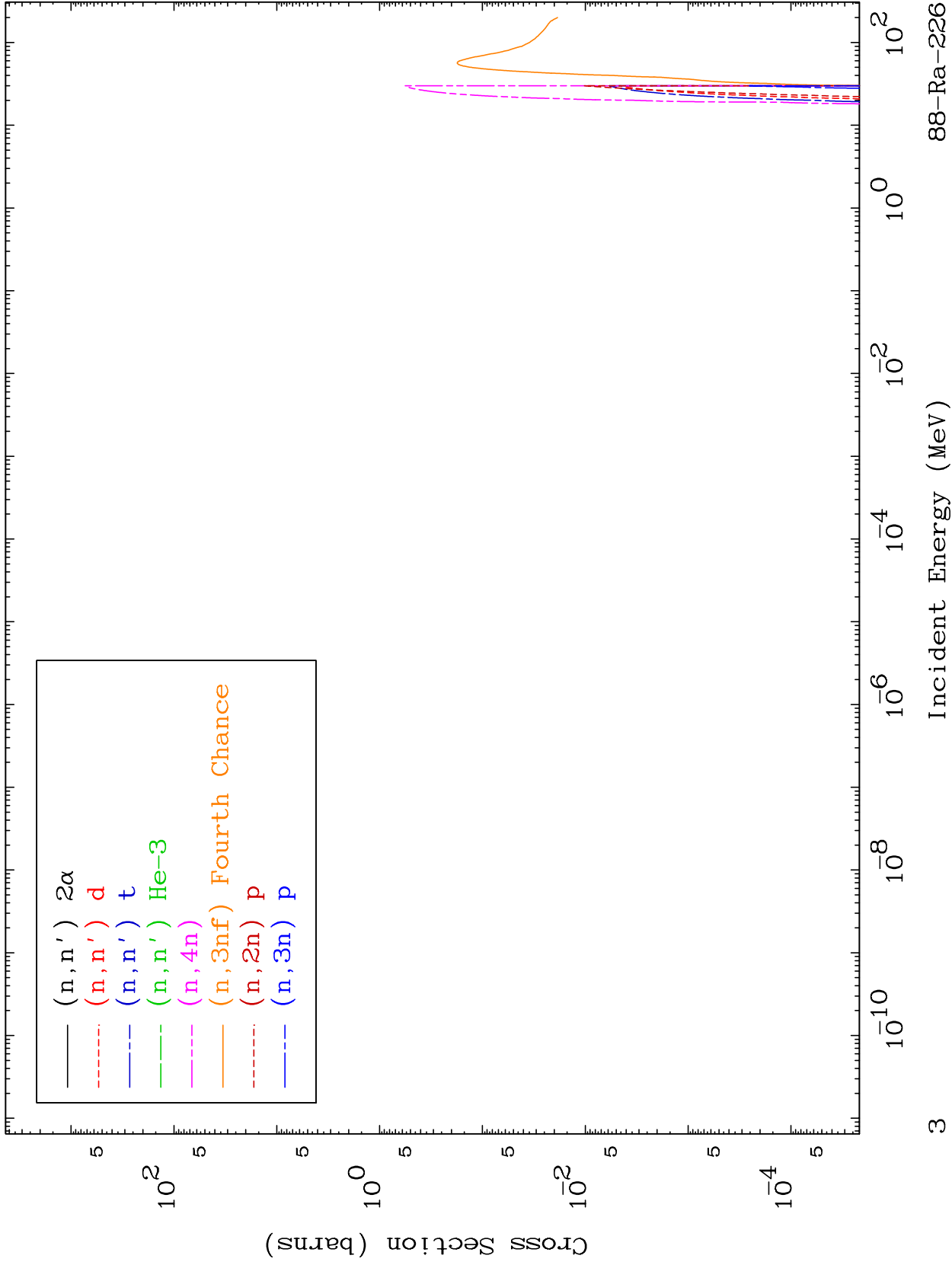
MAT 8834

Neutron Major
293 Kelvin Cross Sections

88-Ra-226



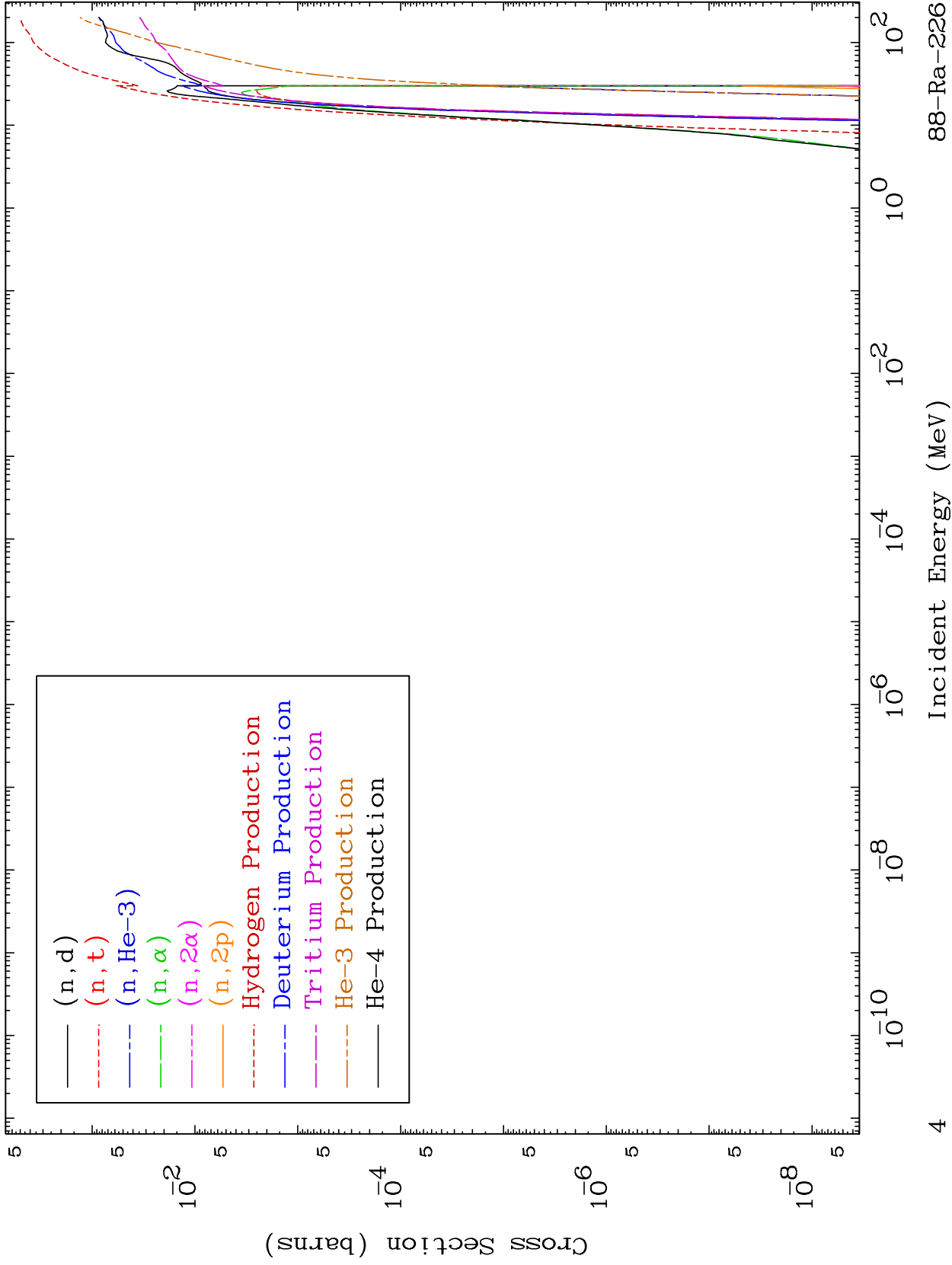




MAT 8834

Neutron Absorption
293 Kelvin Cross Sections

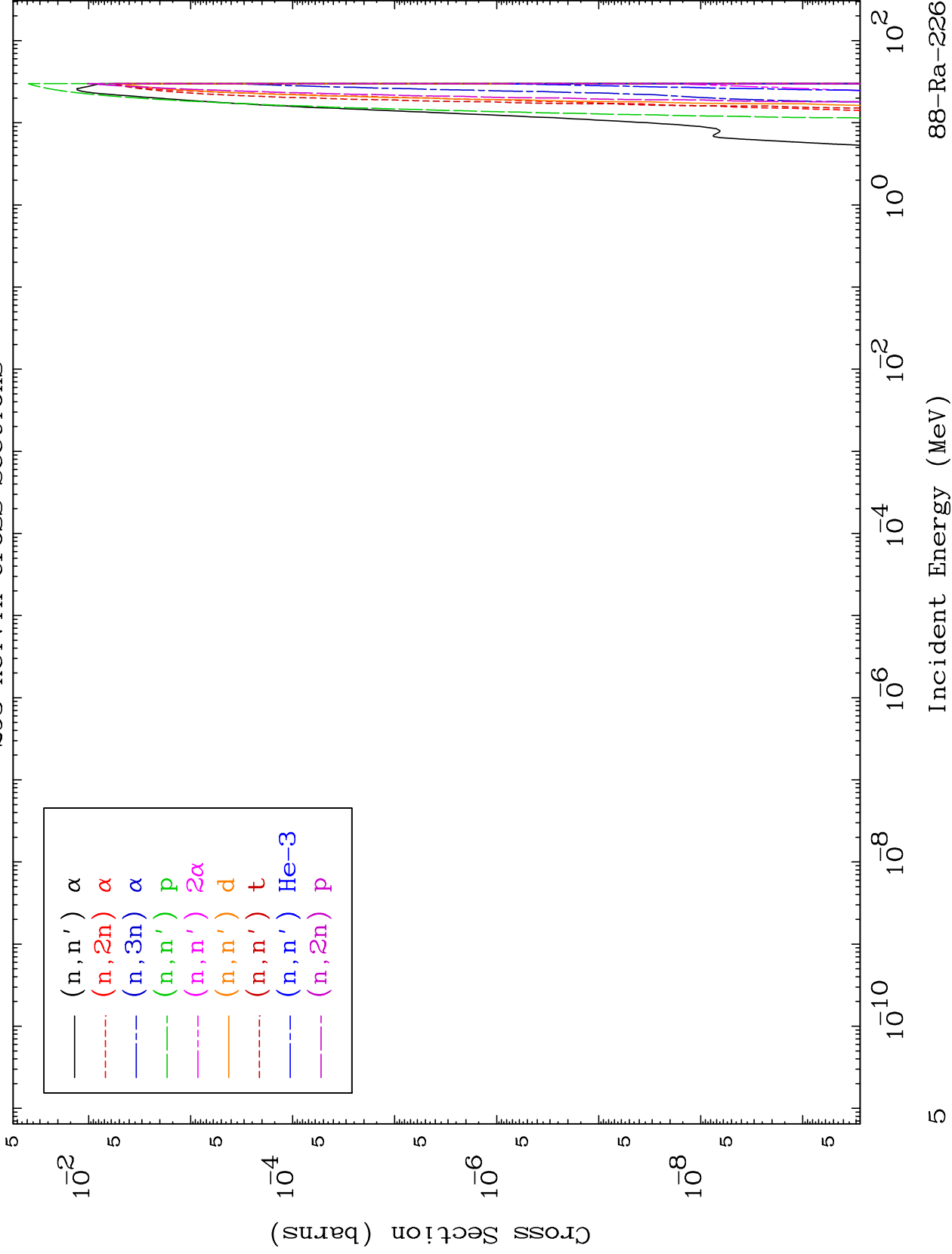
88-Ra-226



MAT 8834

Charged Particle
293 Kelvin Cross Sections

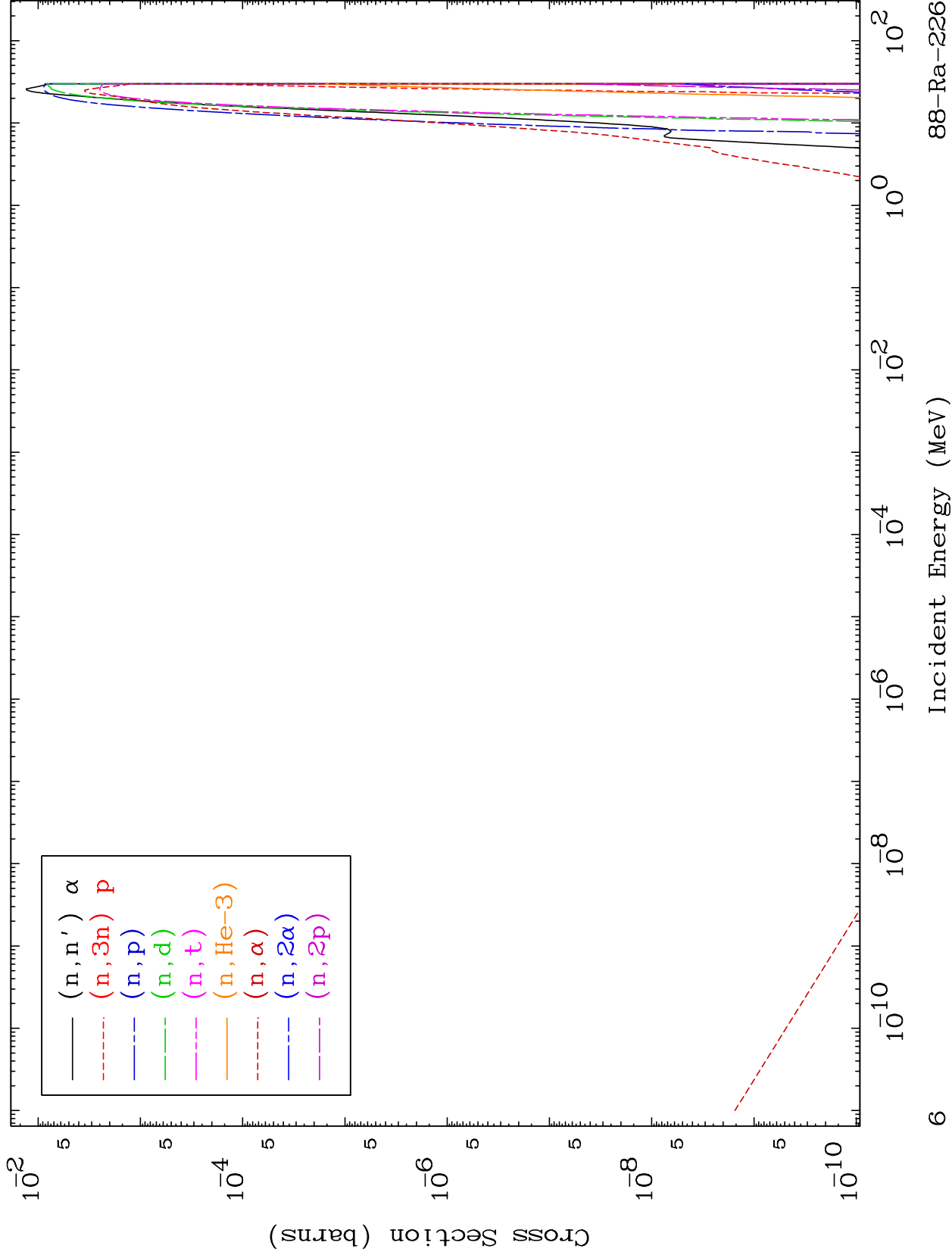
88-Ra-226

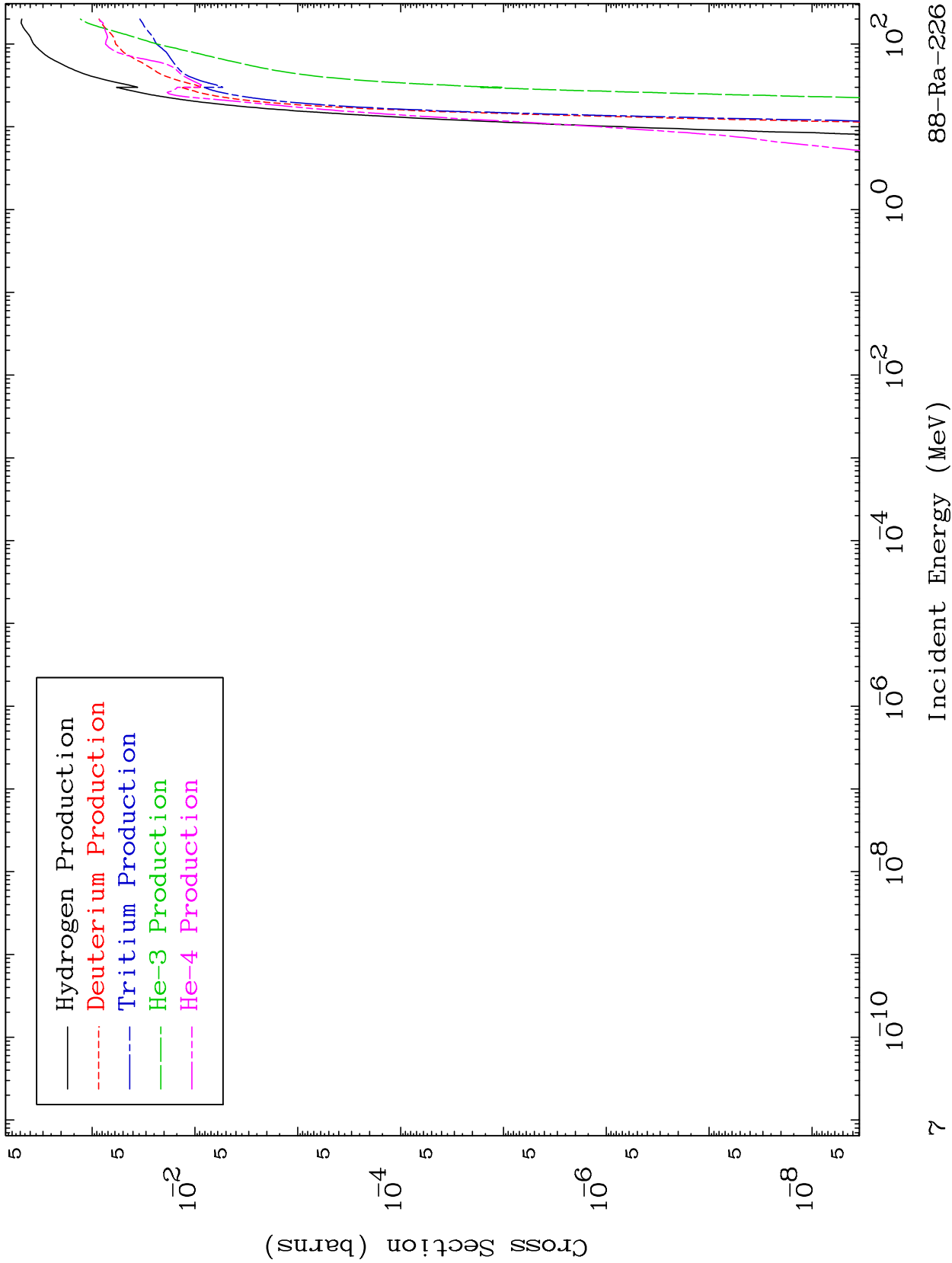


MAT 8834

Charged Particle
293 Kelvin Cross Sections

88-Ra-226

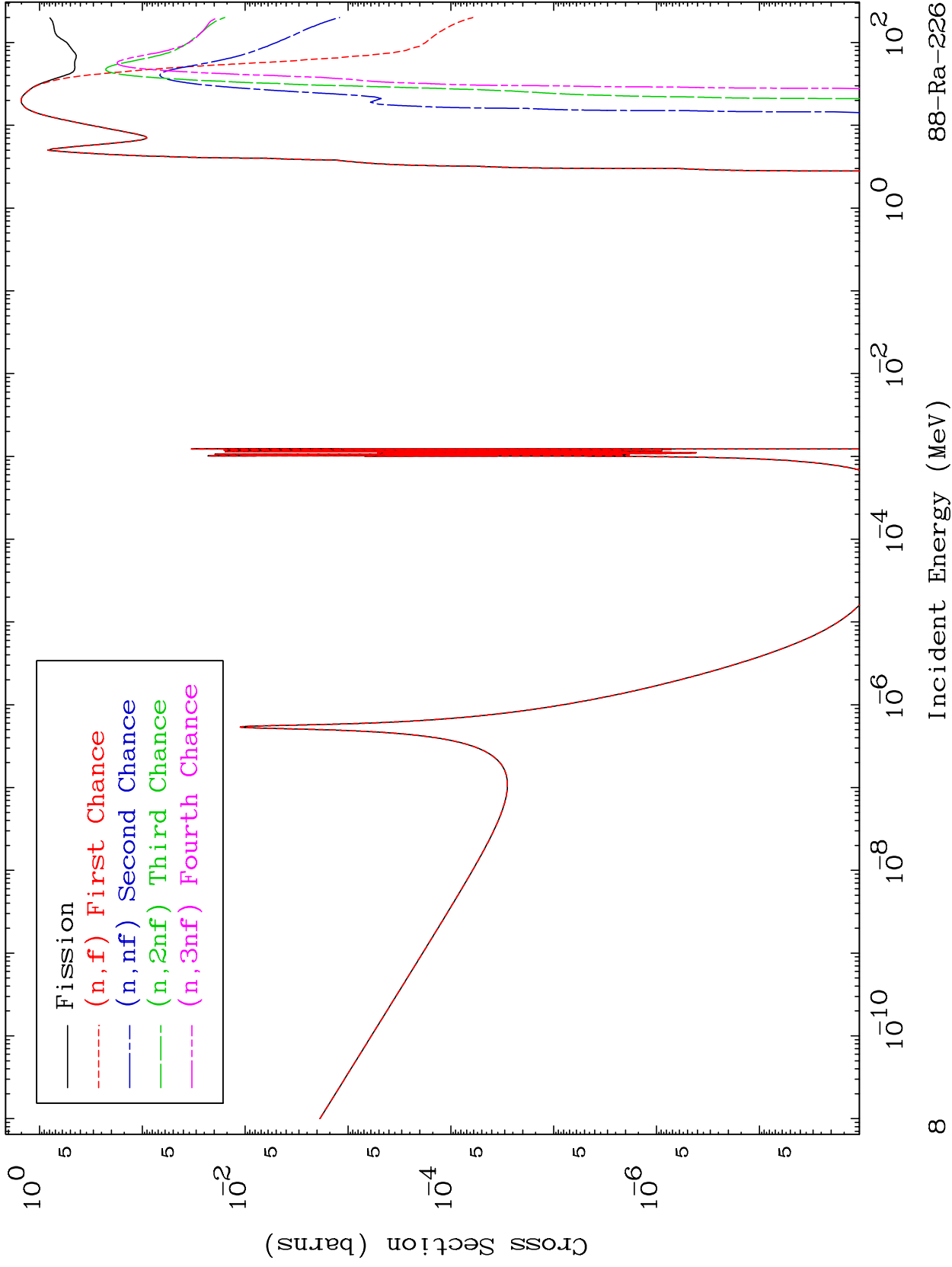




MAT 8834

Fission
293 Kelvin Cross Sections

88-Ra-226

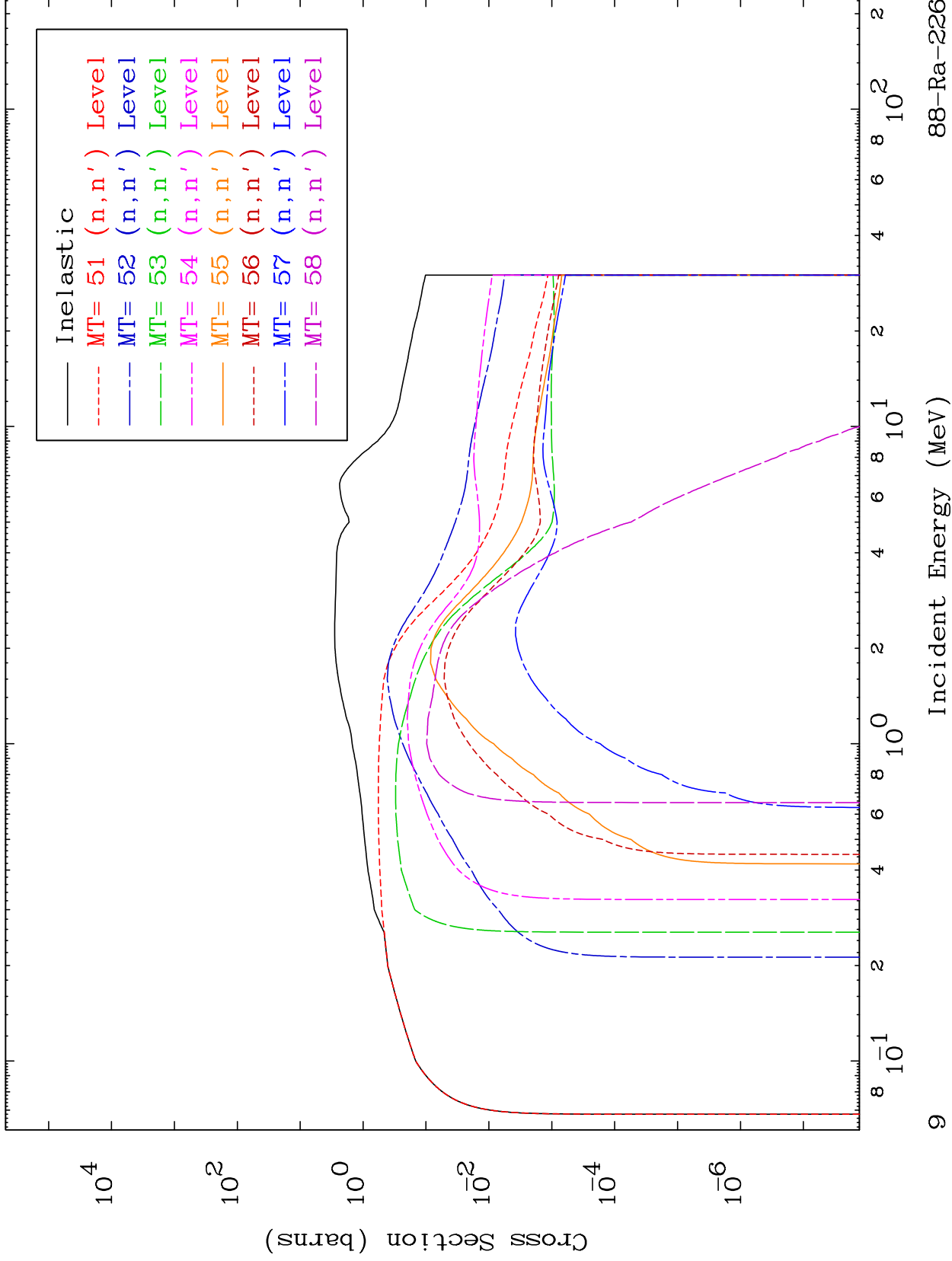


MAT 8834

(n,n') Levels

88-Ra-226

293 Kelvin Cross Sections

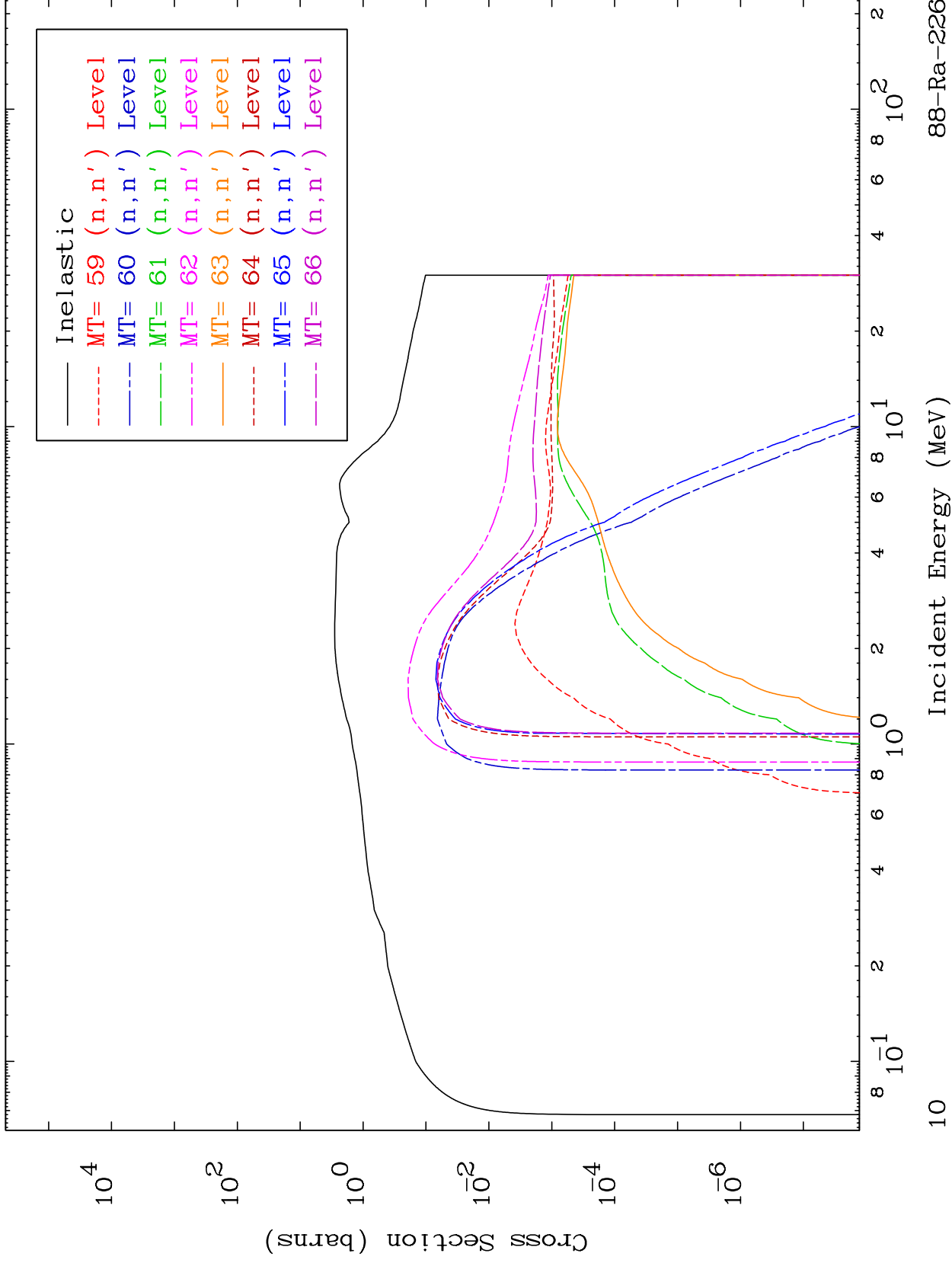


MAT 8834

(n,n') Levels

88-Ra-226

293 Kelvin Cross Sections



10

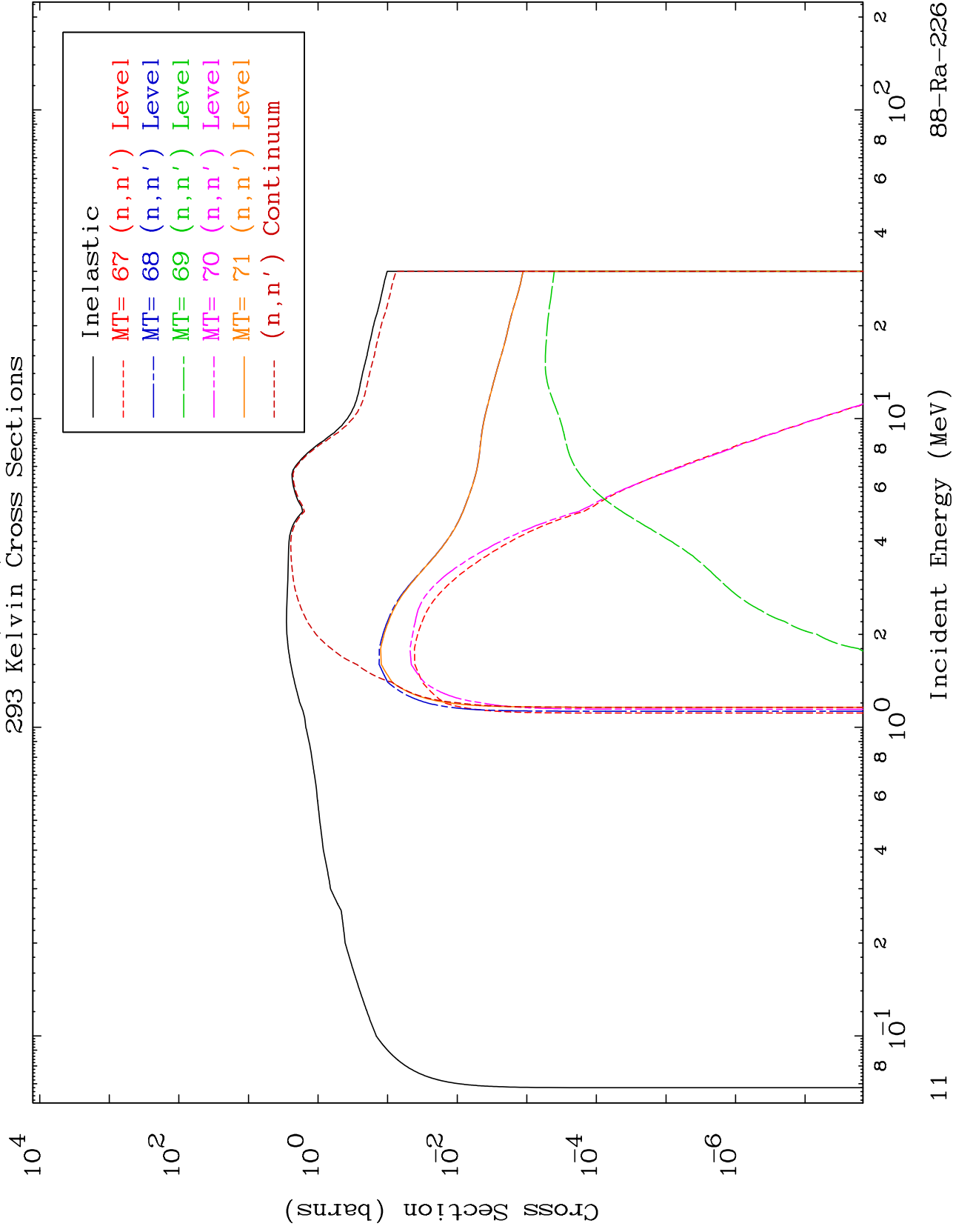
Incident Energy (MeV)

88-Ra-226

MAT 8834

(n,n') Levels

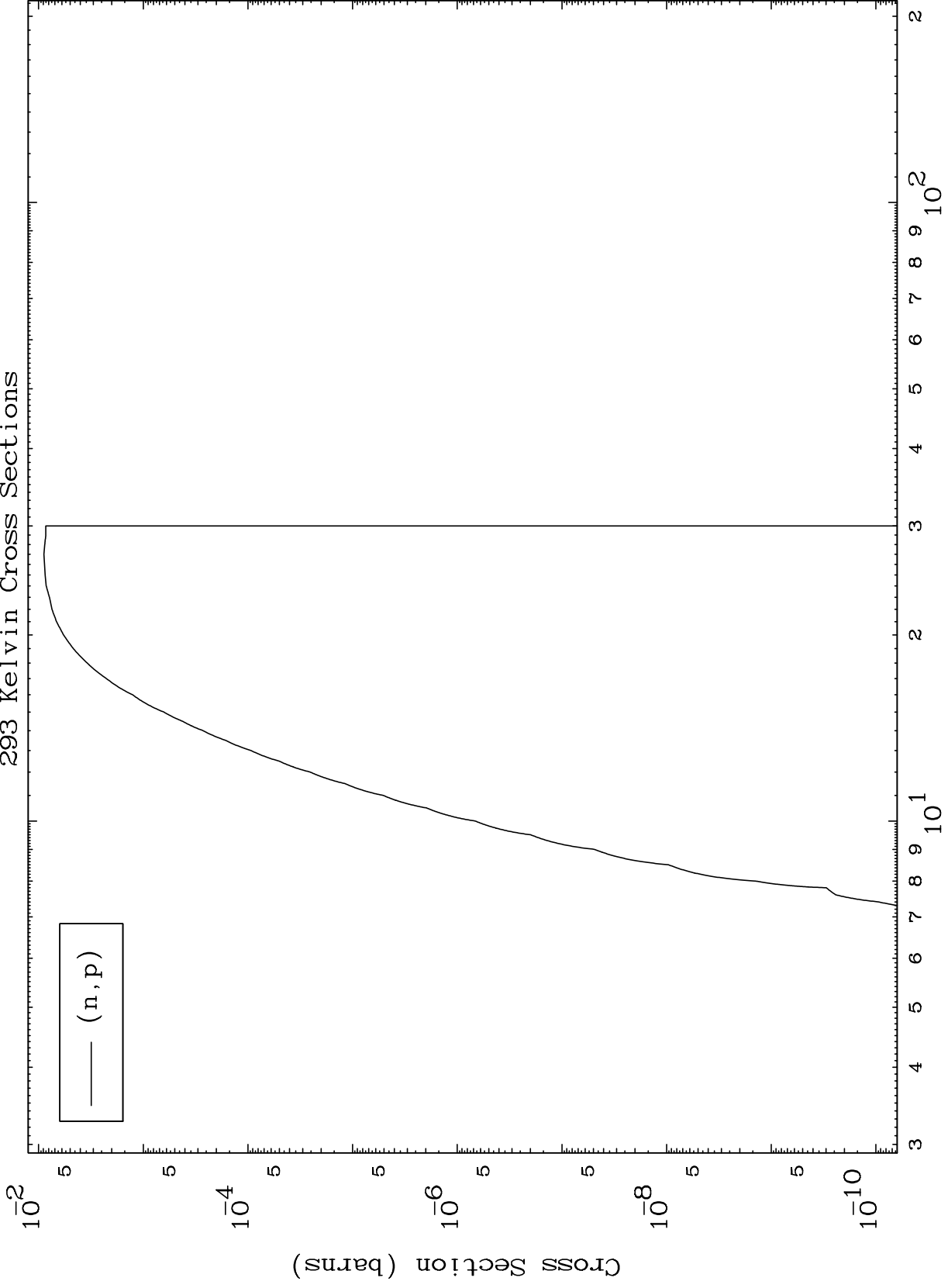
88-Ra-226



MAT 8834

(n,p) Levels
293 Kelvin Cross Sections

88-Ra-226



12

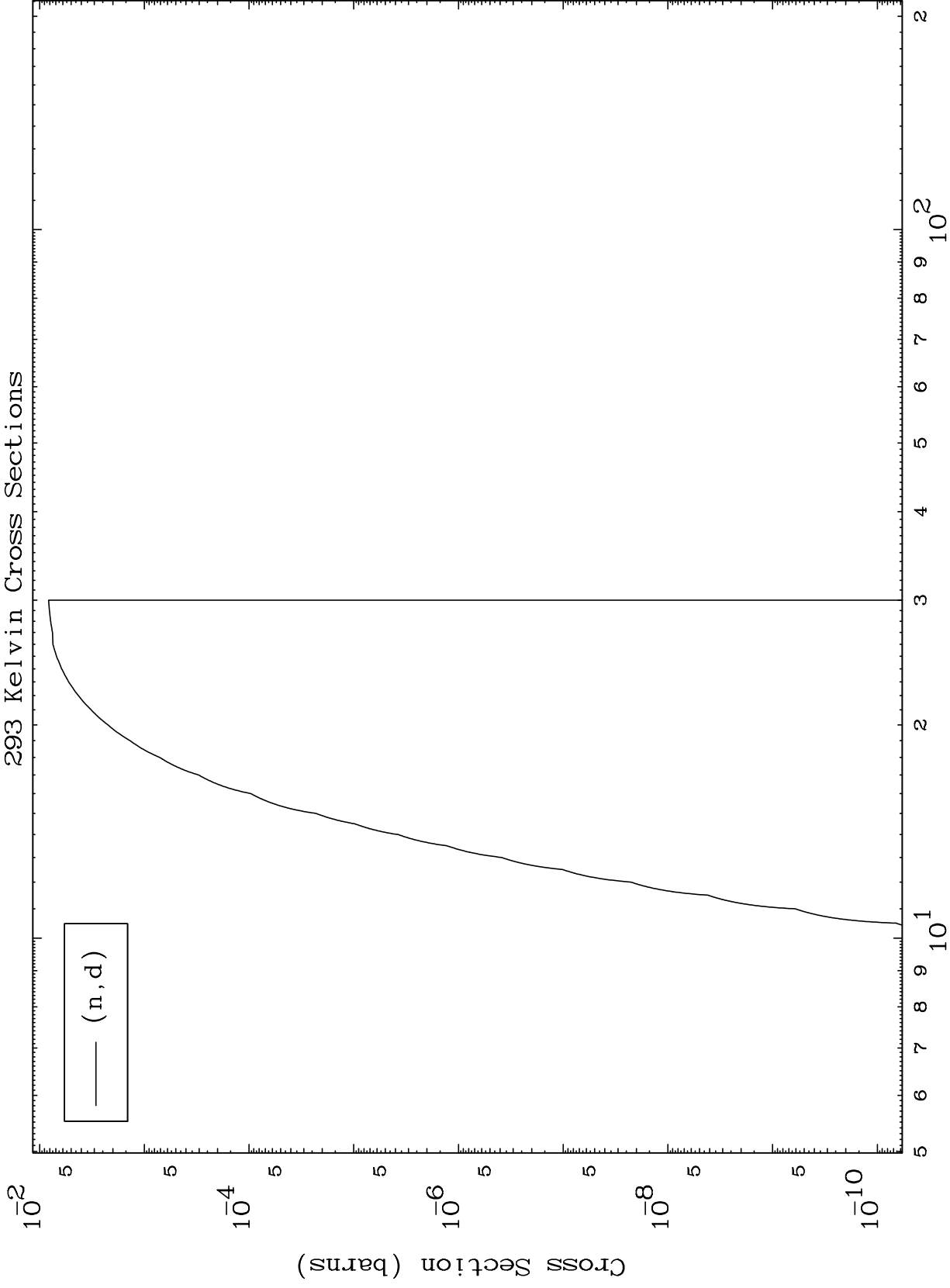
Incident Energy (MeV)

88-Ra-226

MAT 8834

(n,d) Levels
293 Kelvin Cross Sections

88-Ra-226



13

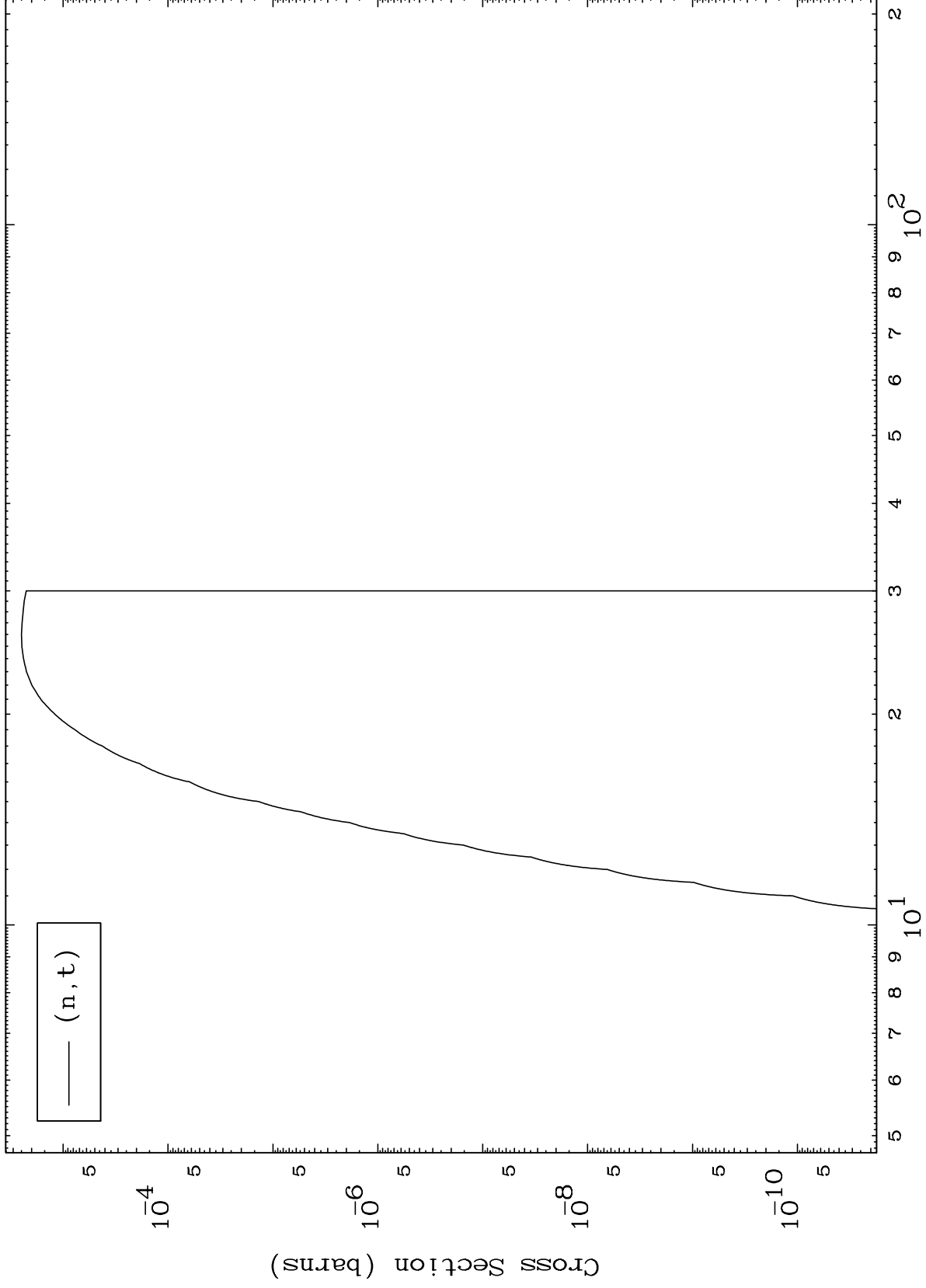
Incident Energy (MeV)

88-Ra-226

MAT 8834

(n,t) Levels
293 Kelvin Cross Sections

88-Ra-226



14

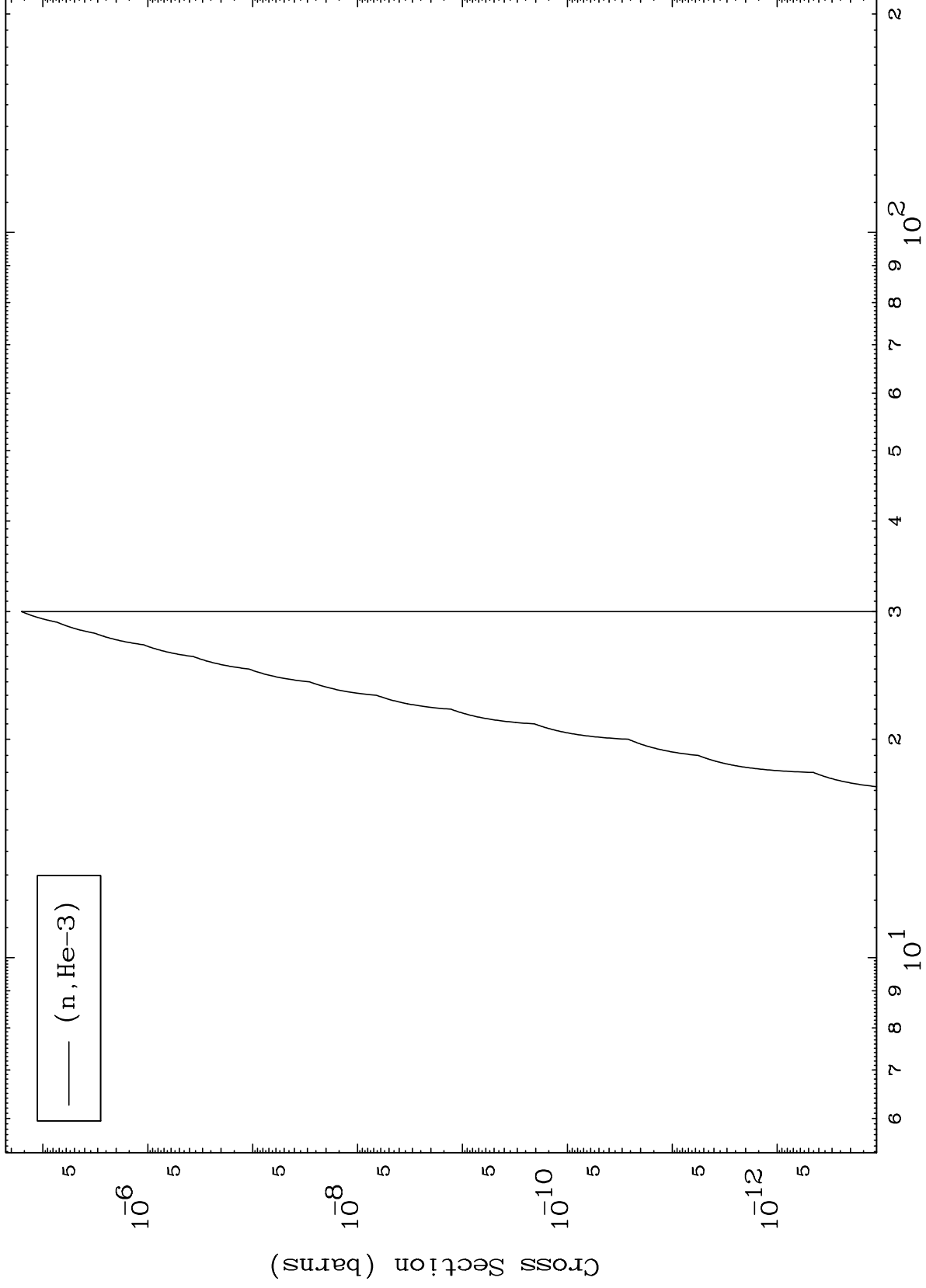
Incident Energy (MeV)

88-Ra-226

MAT 8834

(n,He3) Levels
293 Kelvin Cross Sections

88-Ra-226



15

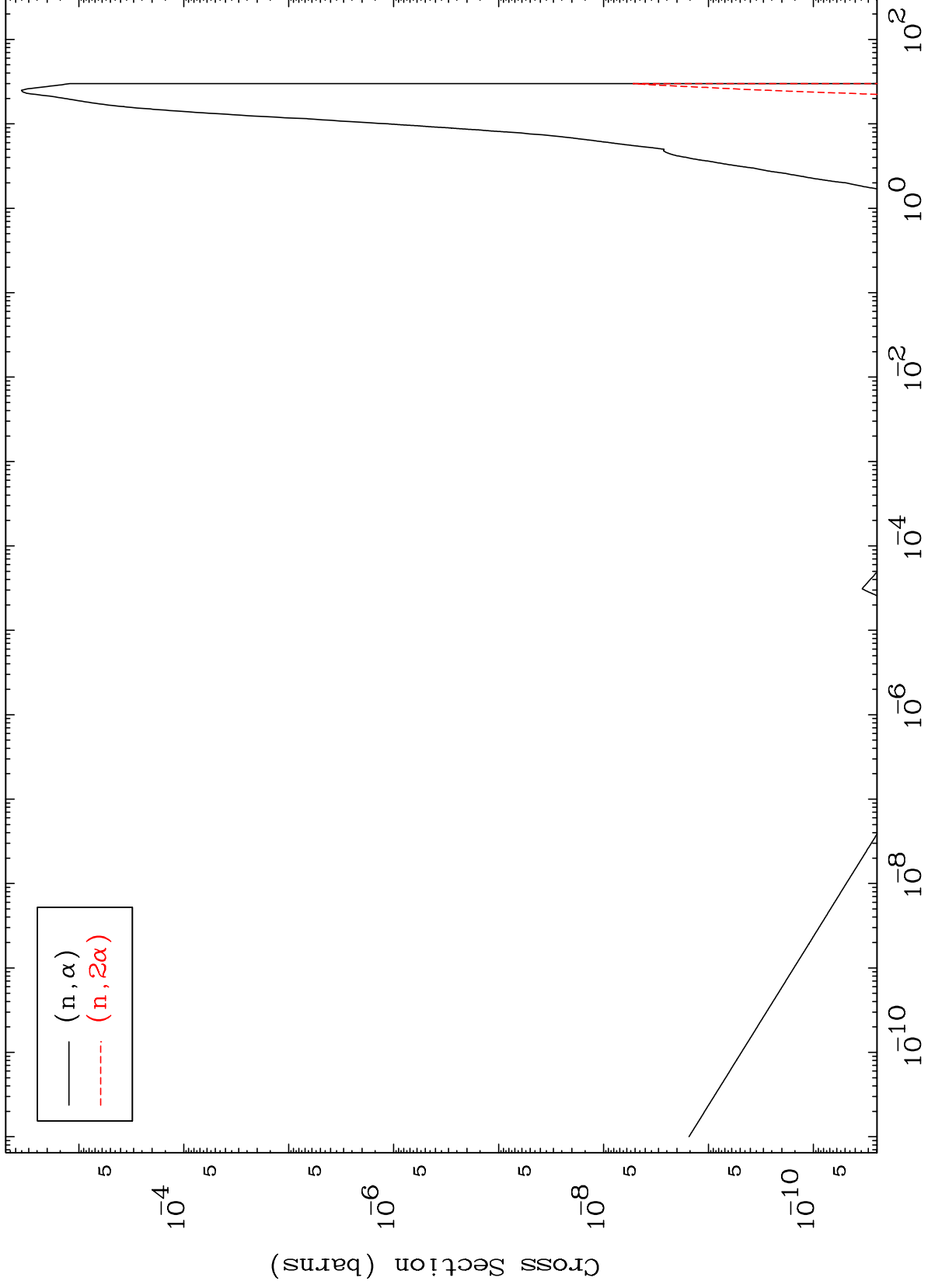
Incident Energy (MeV)

88-Ra-226

MAT 8834

(n, α) Levels
293 Kelvin Cross Sections

88-Ra-226



16

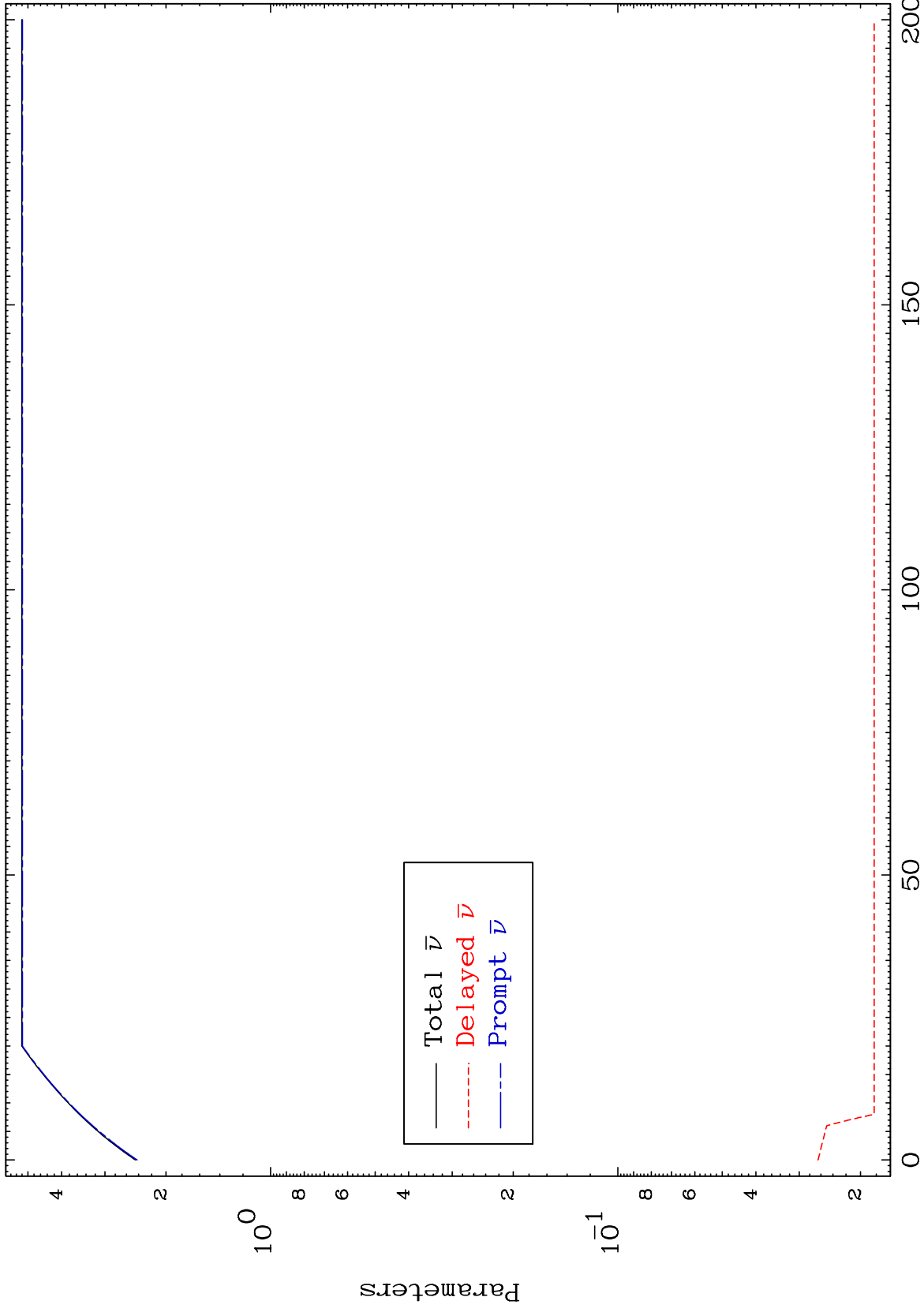
Incident Energy (MeV)

88-Ra-226

MAT 8834

Energy Release
Parameters

88-Ra-226



17

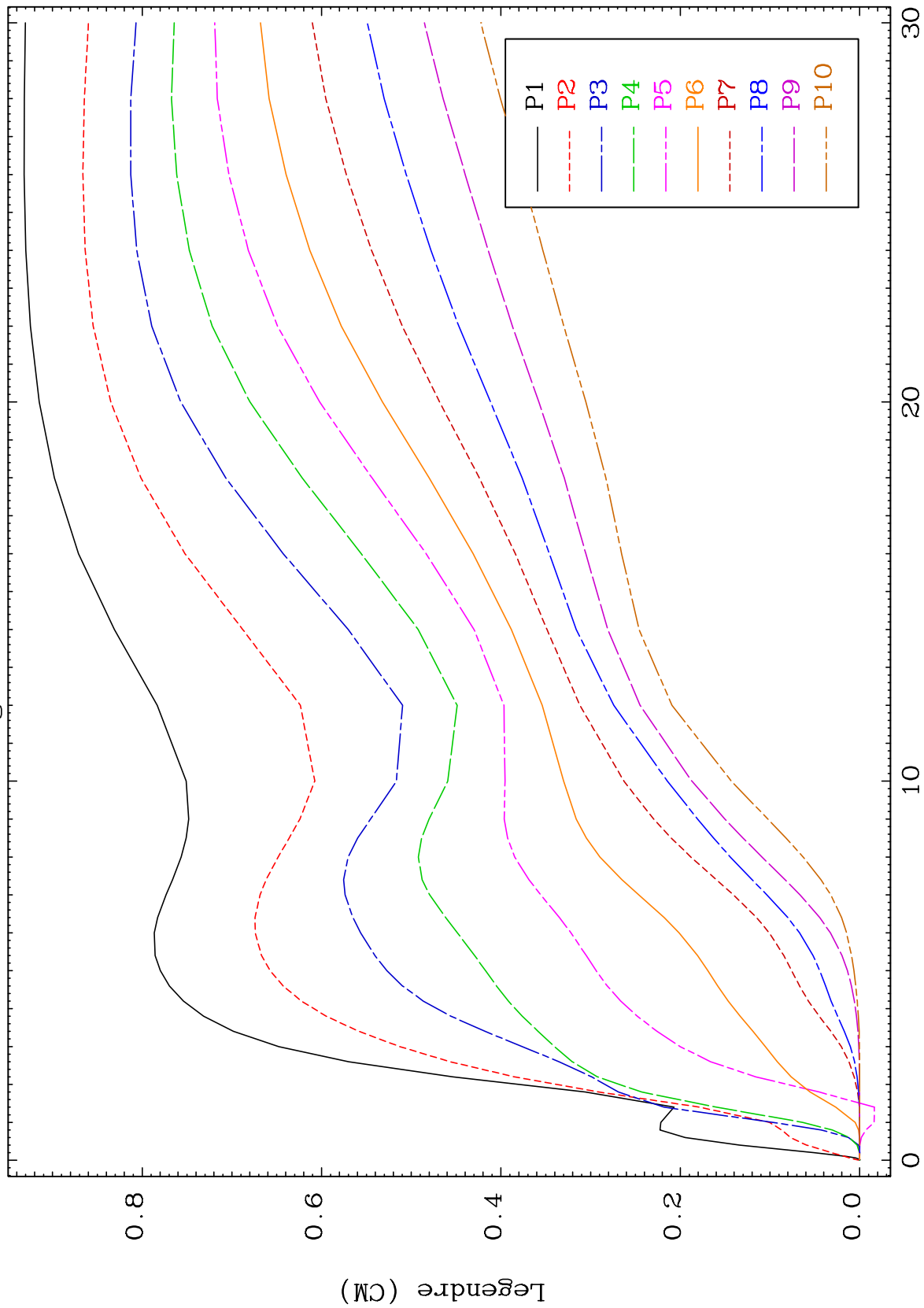
Incident Energy (MeV)

88-Ra-226

MAT 8834

Elastic Legendre Coefficients

88-Ra-226



18

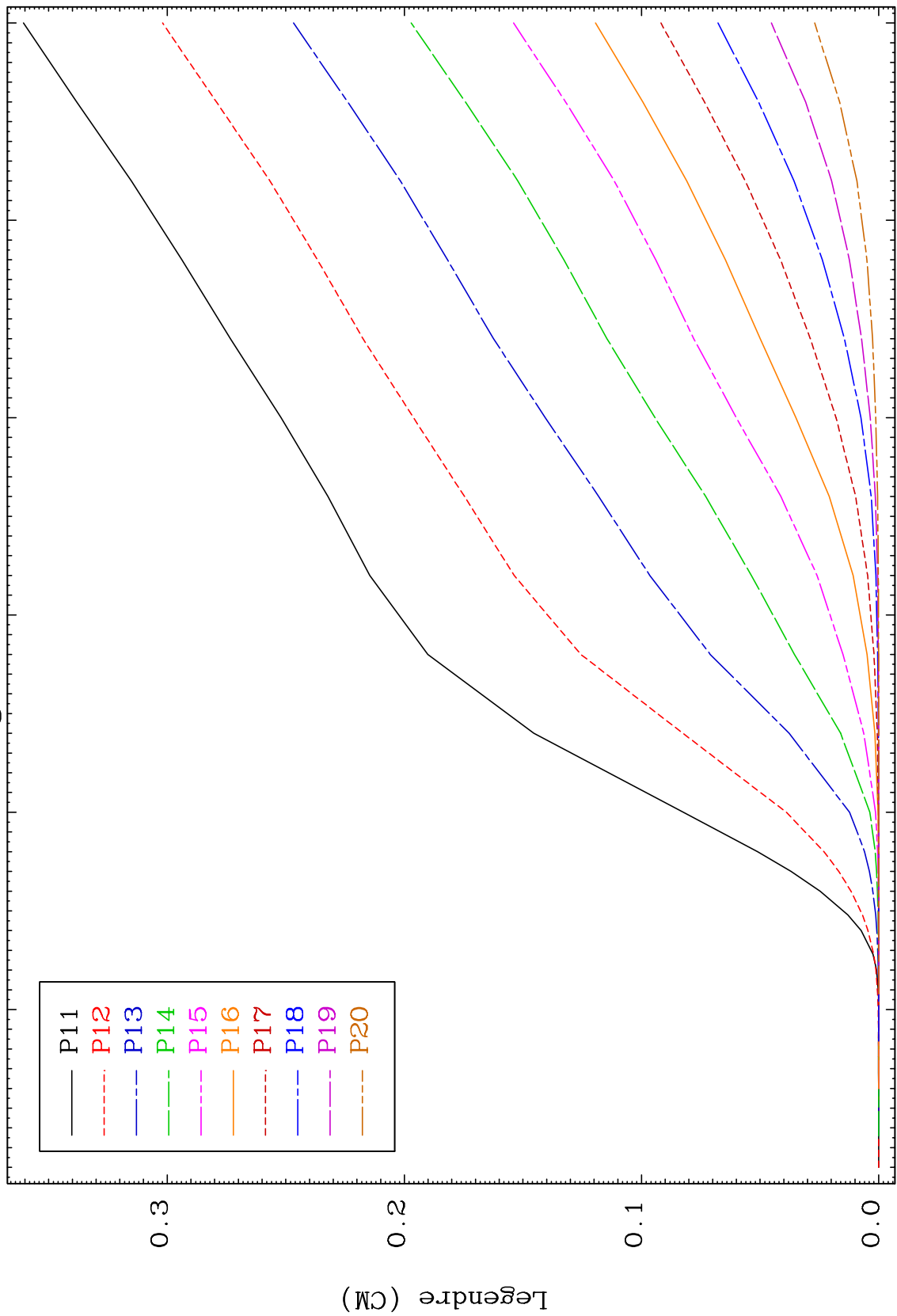
Incident Energy (MeV)

88-Ra-226

MAT 8834

Elastic Legendre Coefficients

88-Ra-226



19

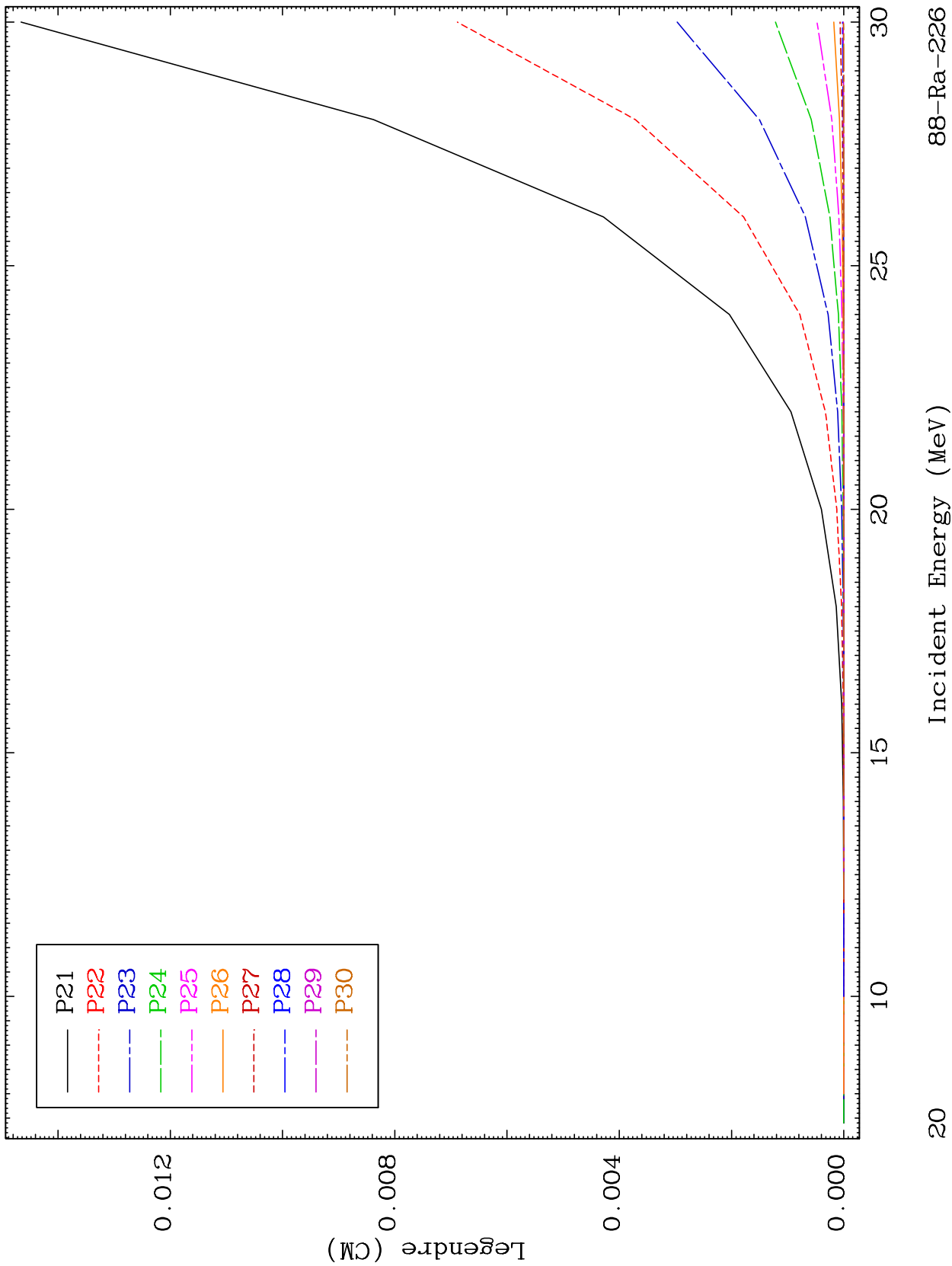
Incident Energy (MeV)

88-Ra-226

MAT 8834

Elastic Legendre Coefficients

88-Ra-226



88-Ra-226

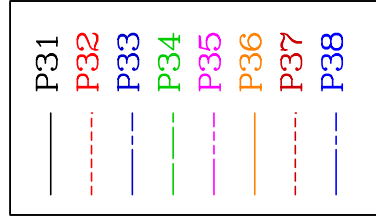
Incident Energy (MeV)

20

MAT 8834

Elastic
Legendre Coefficients

88-Ra-226



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

18

20

22

24

26

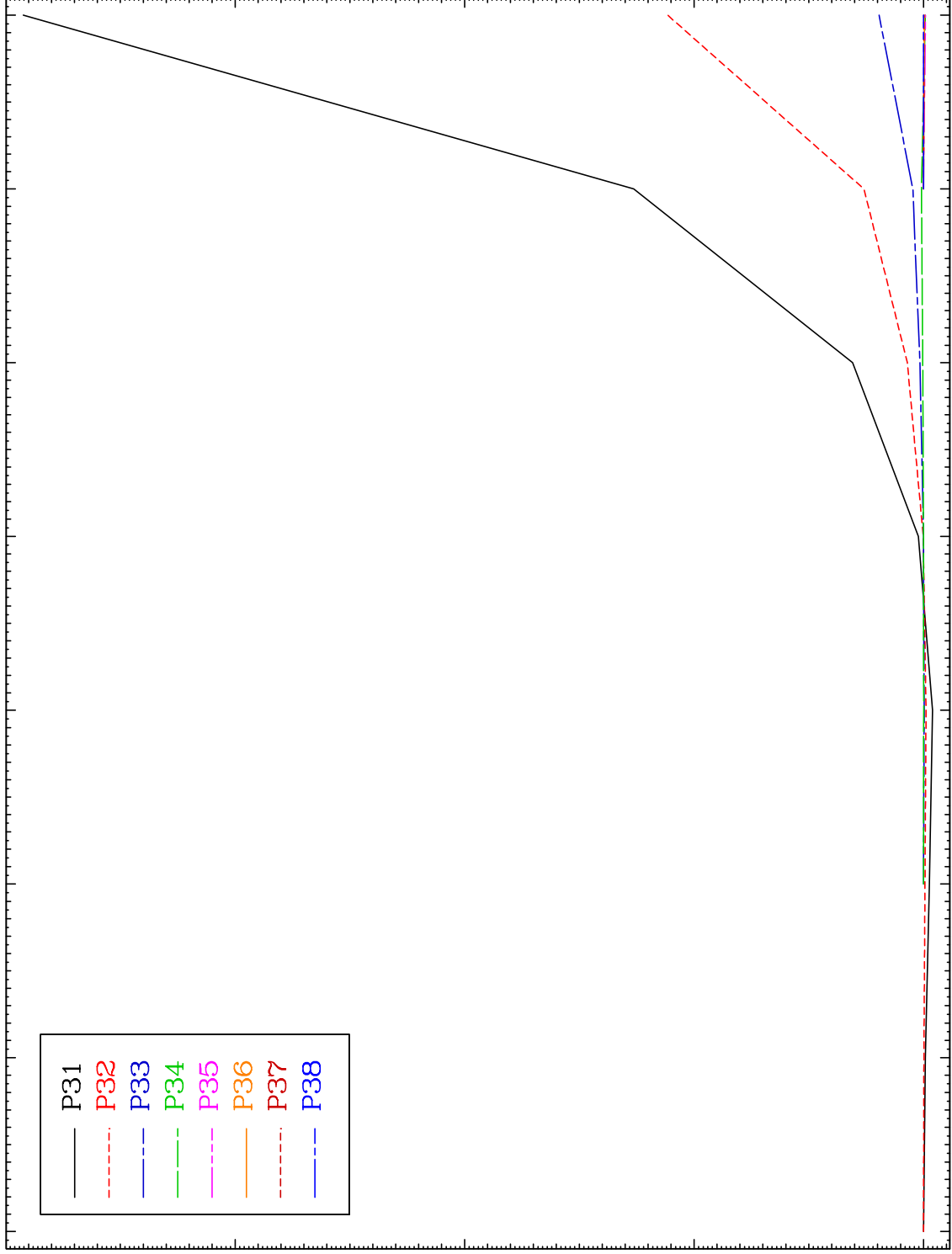
28

30

21

Incident Energy (MeV)

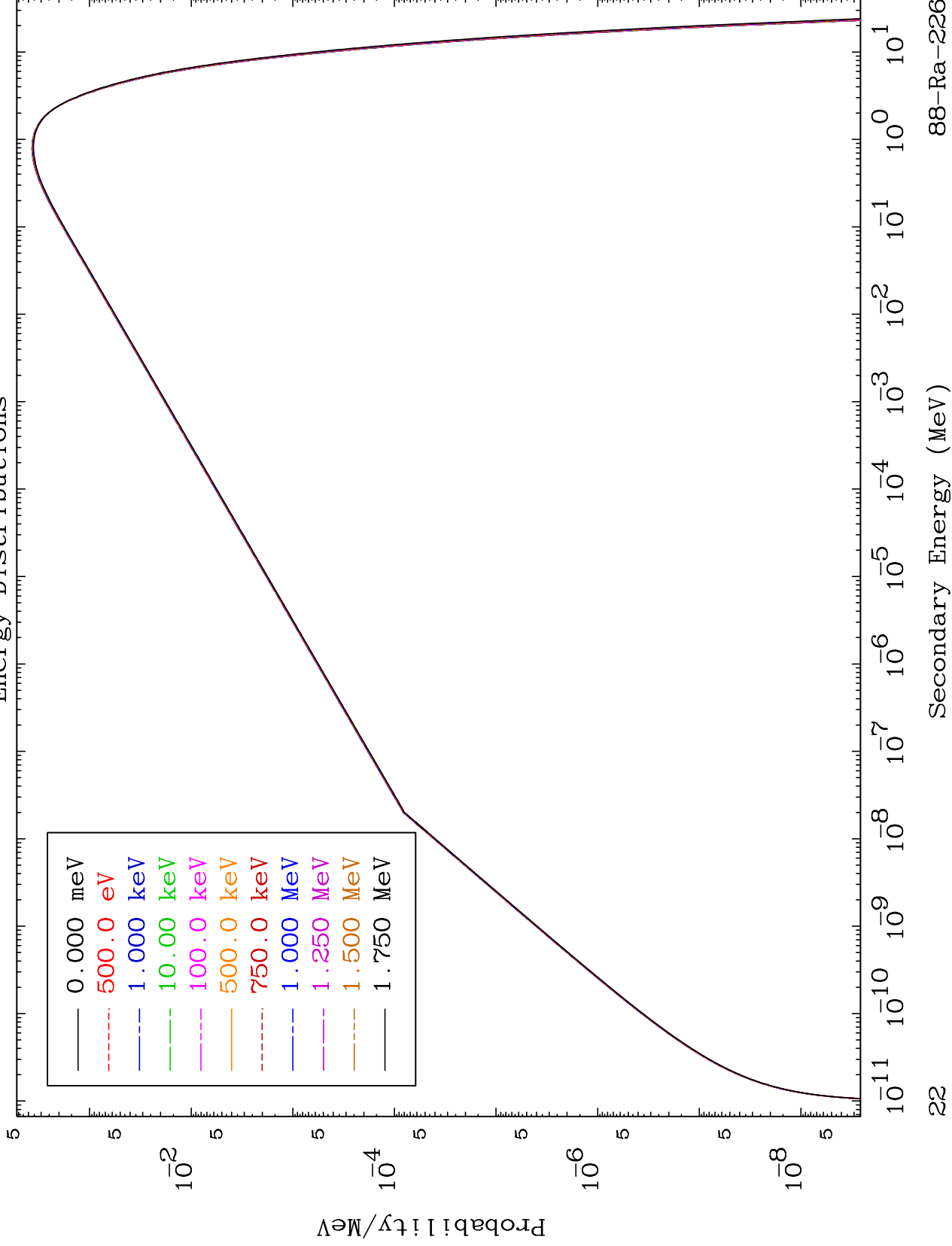
88-Ra-226



MAT 8834

Fission Energy Distributions

88-Ra-226

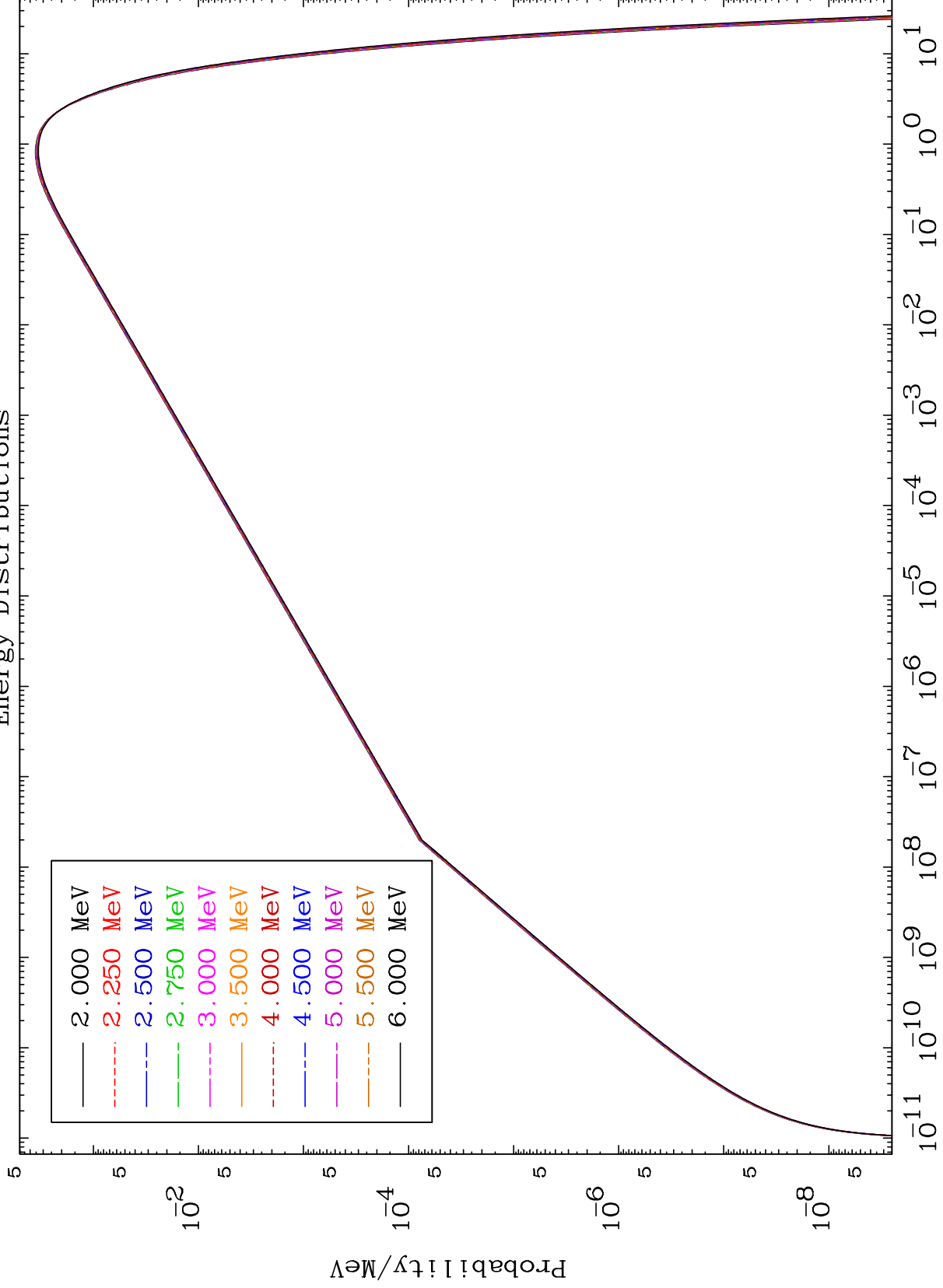


22

MAT 8834

Fission Energy Distributions

88-Ra-226

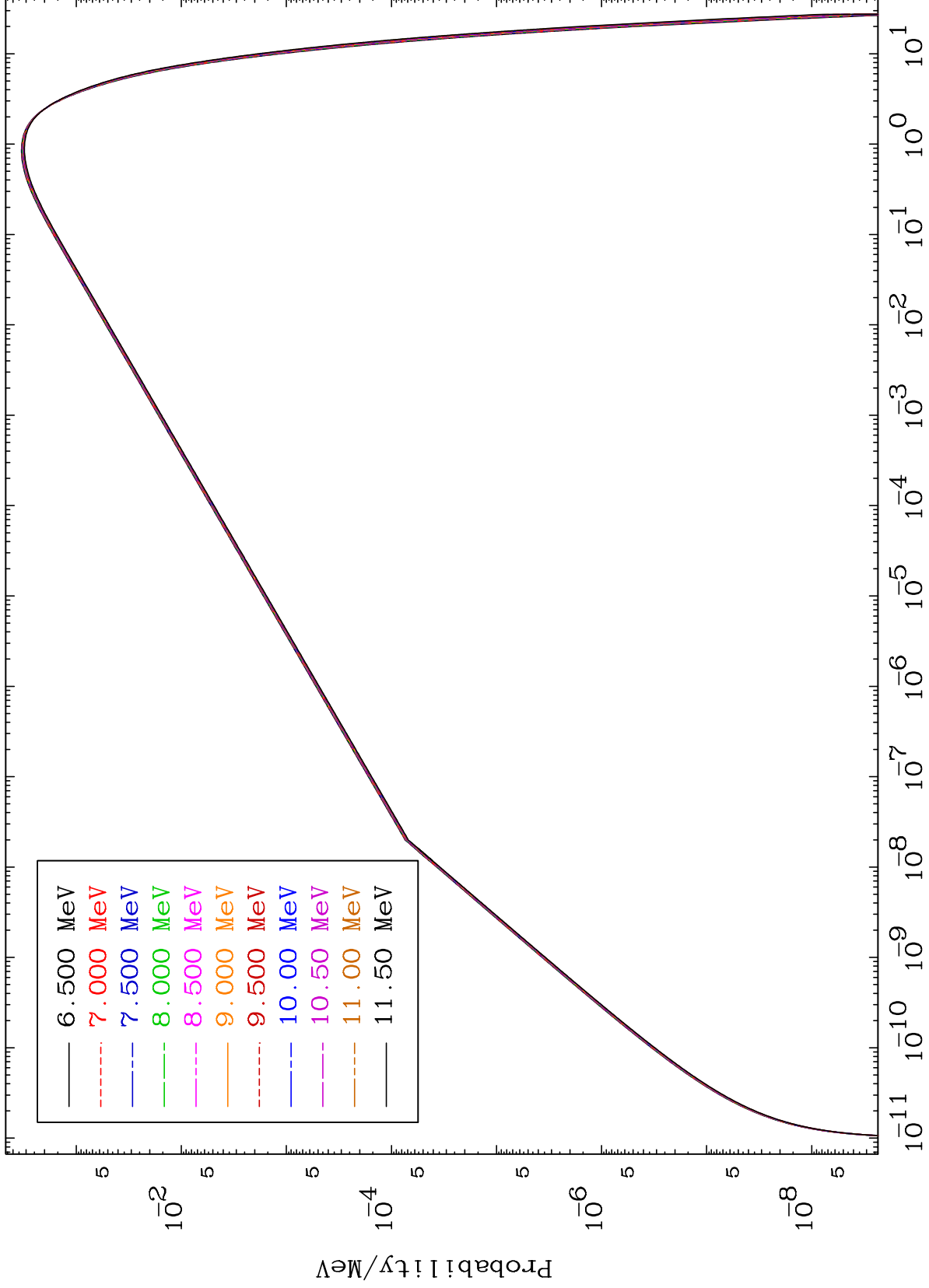


23

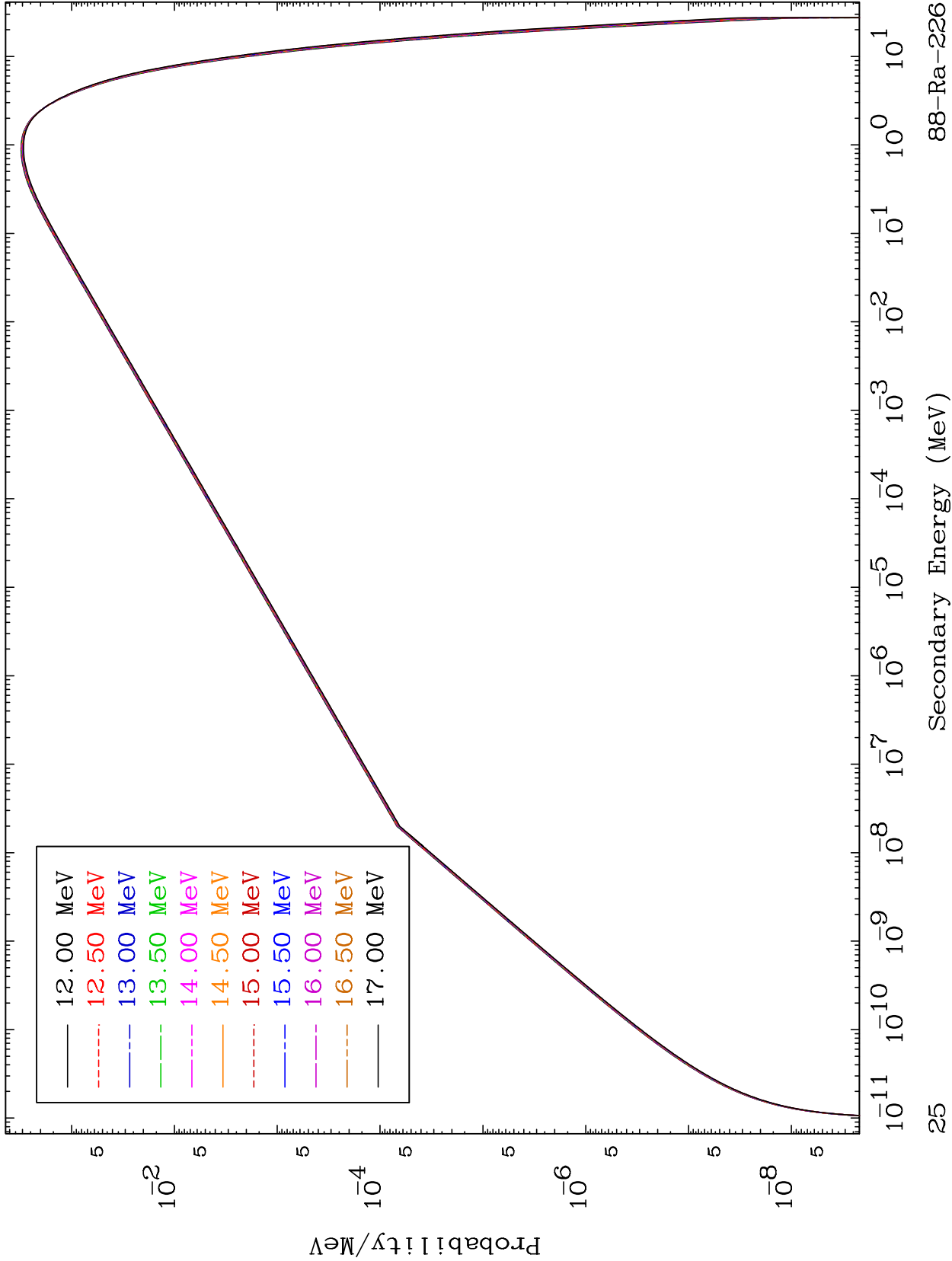
Secondary Energy (MeV)

88-Ra-226

Fission Energy Distributions



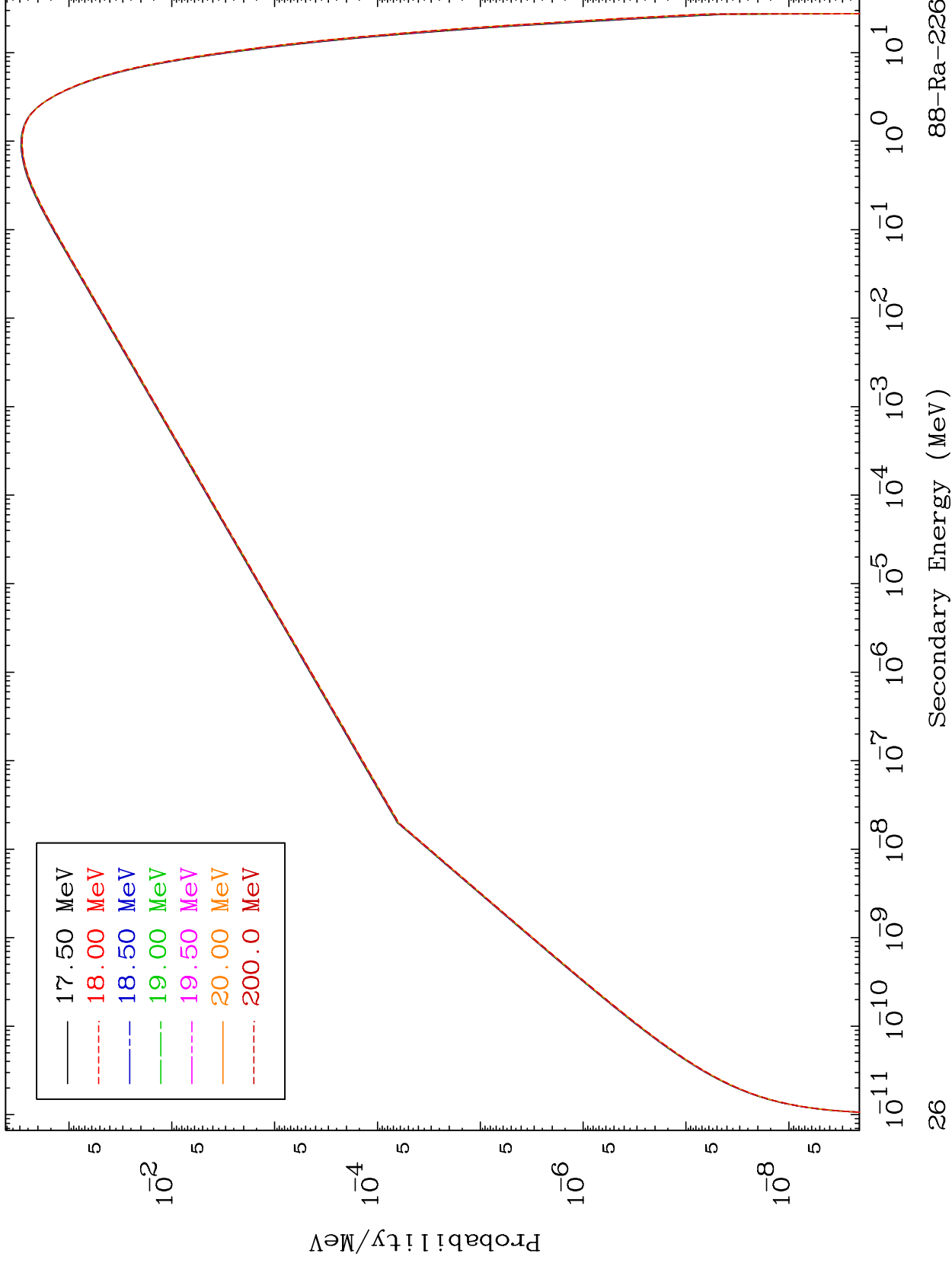
Fission Energy Distributions



MAT 8834

Fission Energy Distributions

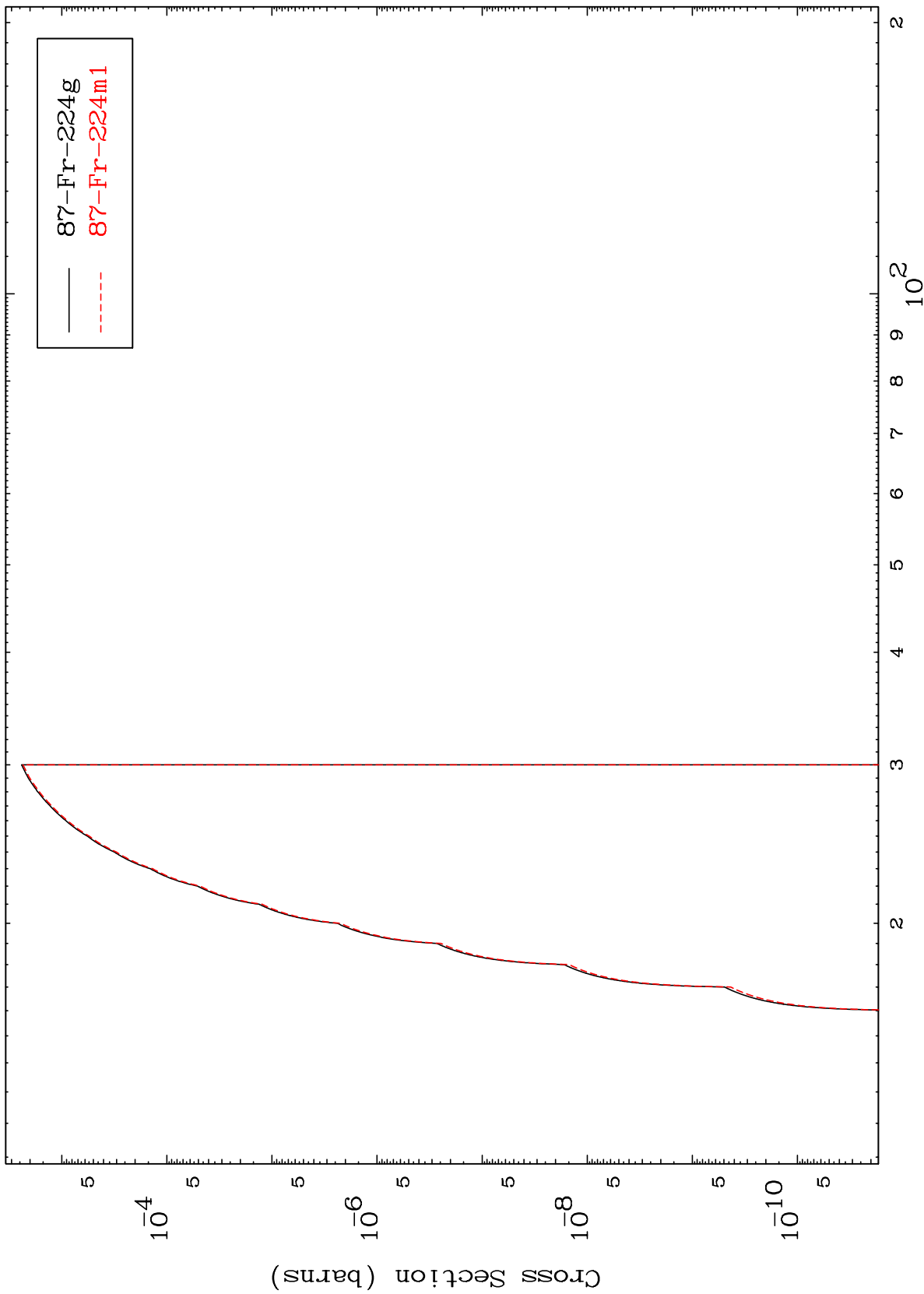
88-Ra-226



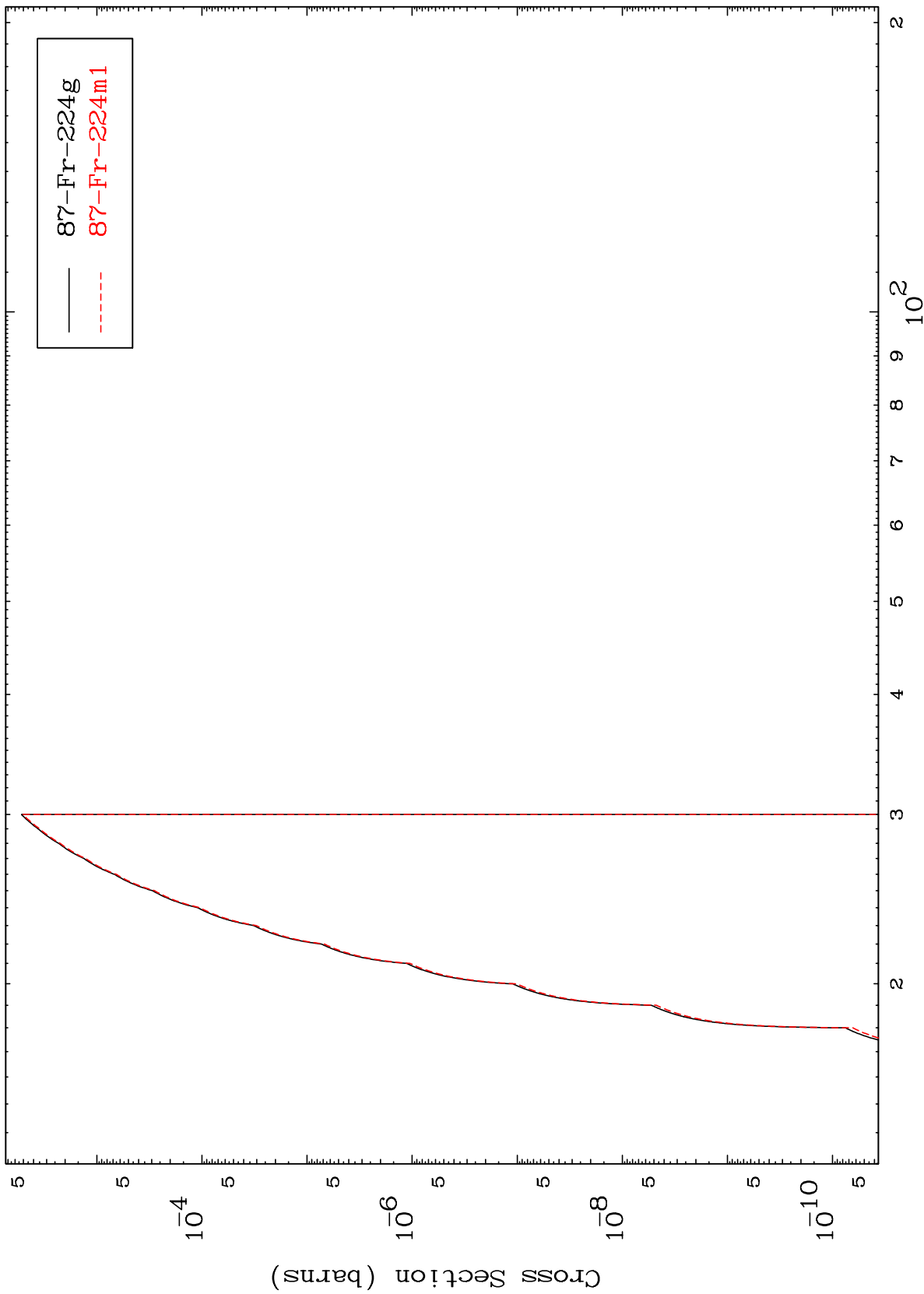
26

88-Ra-226

Radionuclide Production Cross Section



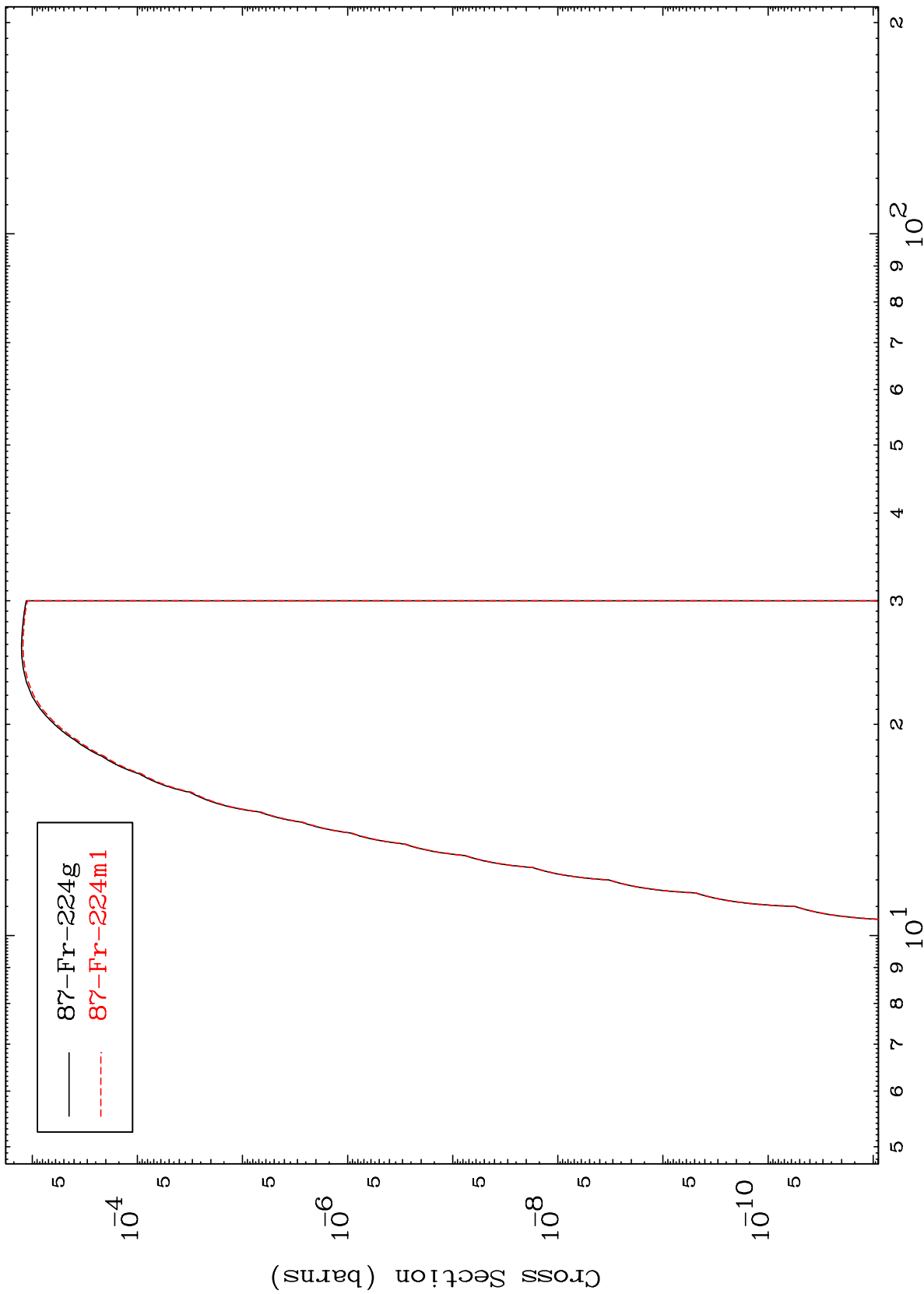
Radionuclide Production Cross Section



MAT 8834

88-Ra-226

(n, t)
Radionuclide Production Cross Section



29

Incident Energy (MeV)

88-Ra-226