

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

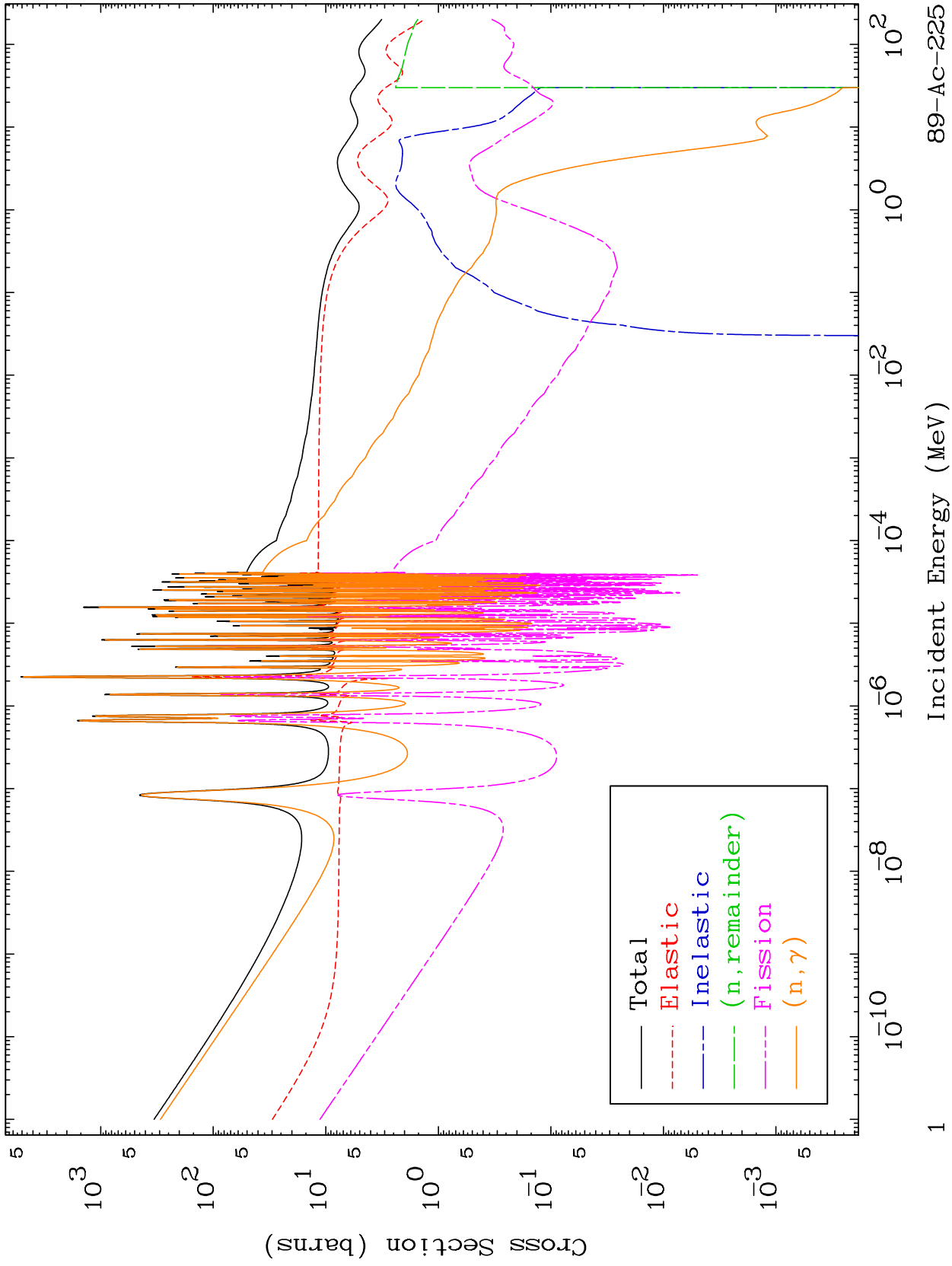
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8925

Major
293 Kelvin Cross Sections

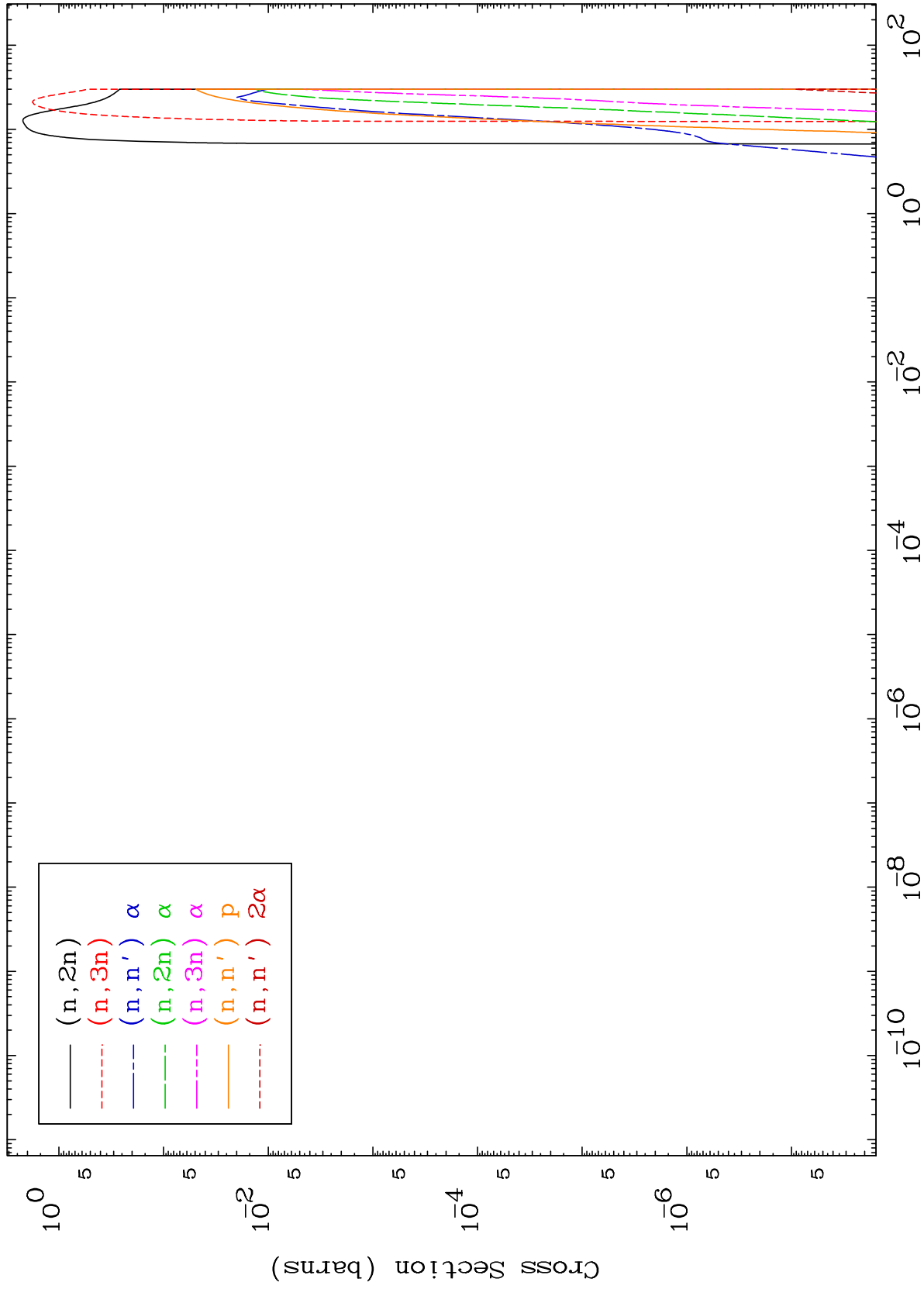
89-Ac-225



MAT 8925

Neutron Production
293 Kelvin Cross Sections

89-Ac-225



2

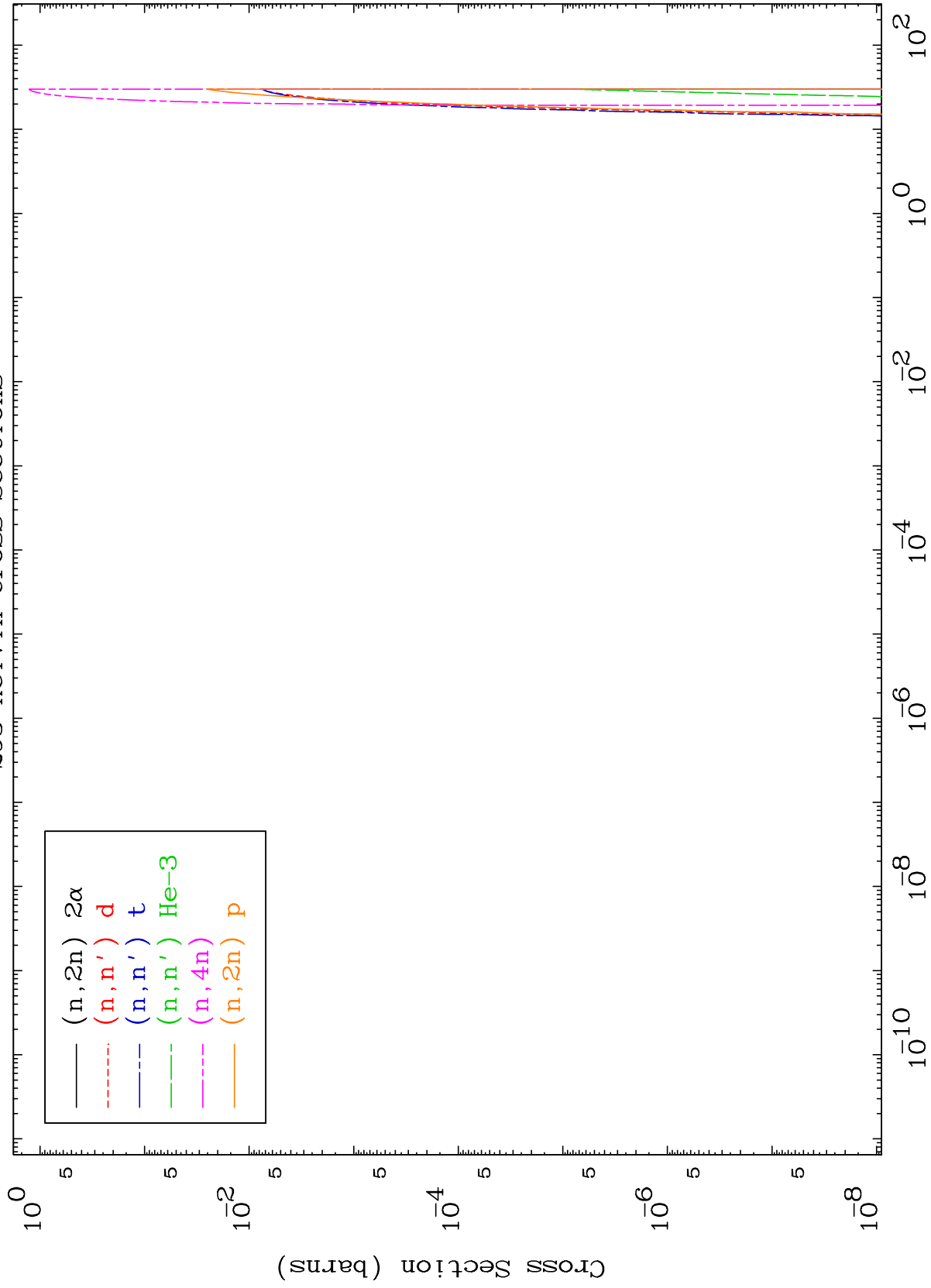
Incident Energy (MeV)

89-Ac-225

MAT 8925

Neutron Production
293 Kelvin Cross Sections

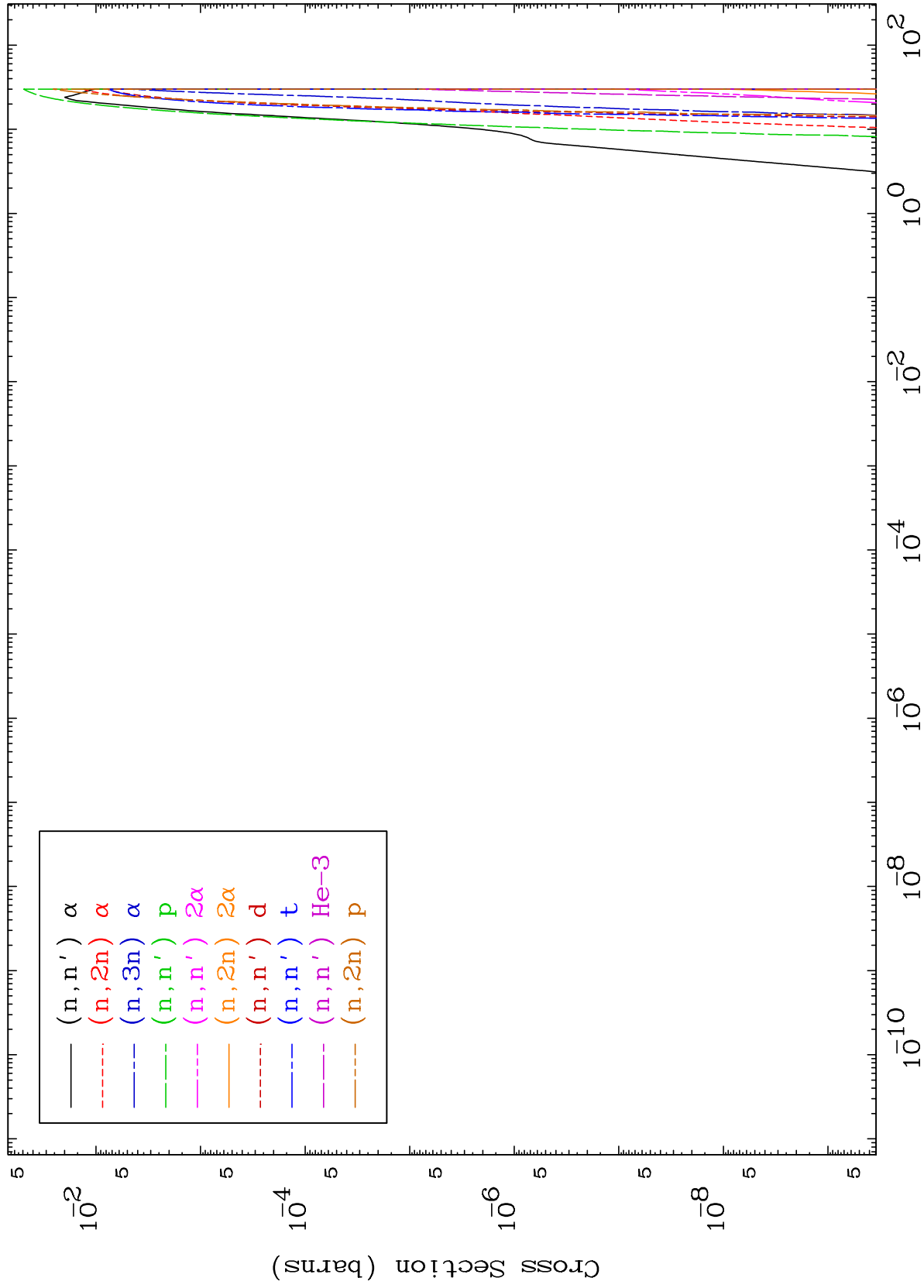
89-Ac-225



MAT 8925

Charged Particle
293 Kelvin Cross Sections

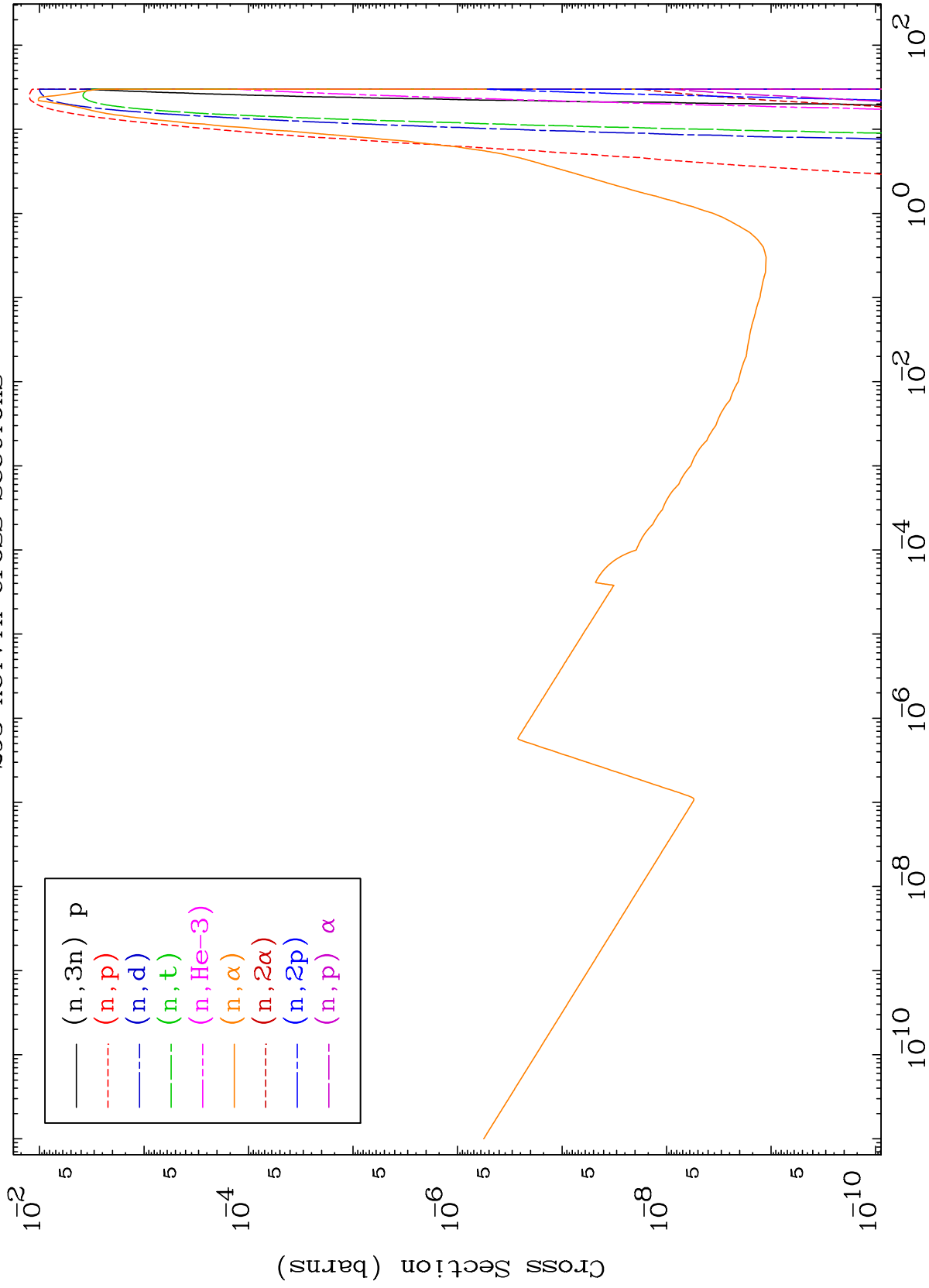
89-Ac-225



MAT 8925

Charged Particle
293 Kelvin Cross Sections

89-Ac-225



5

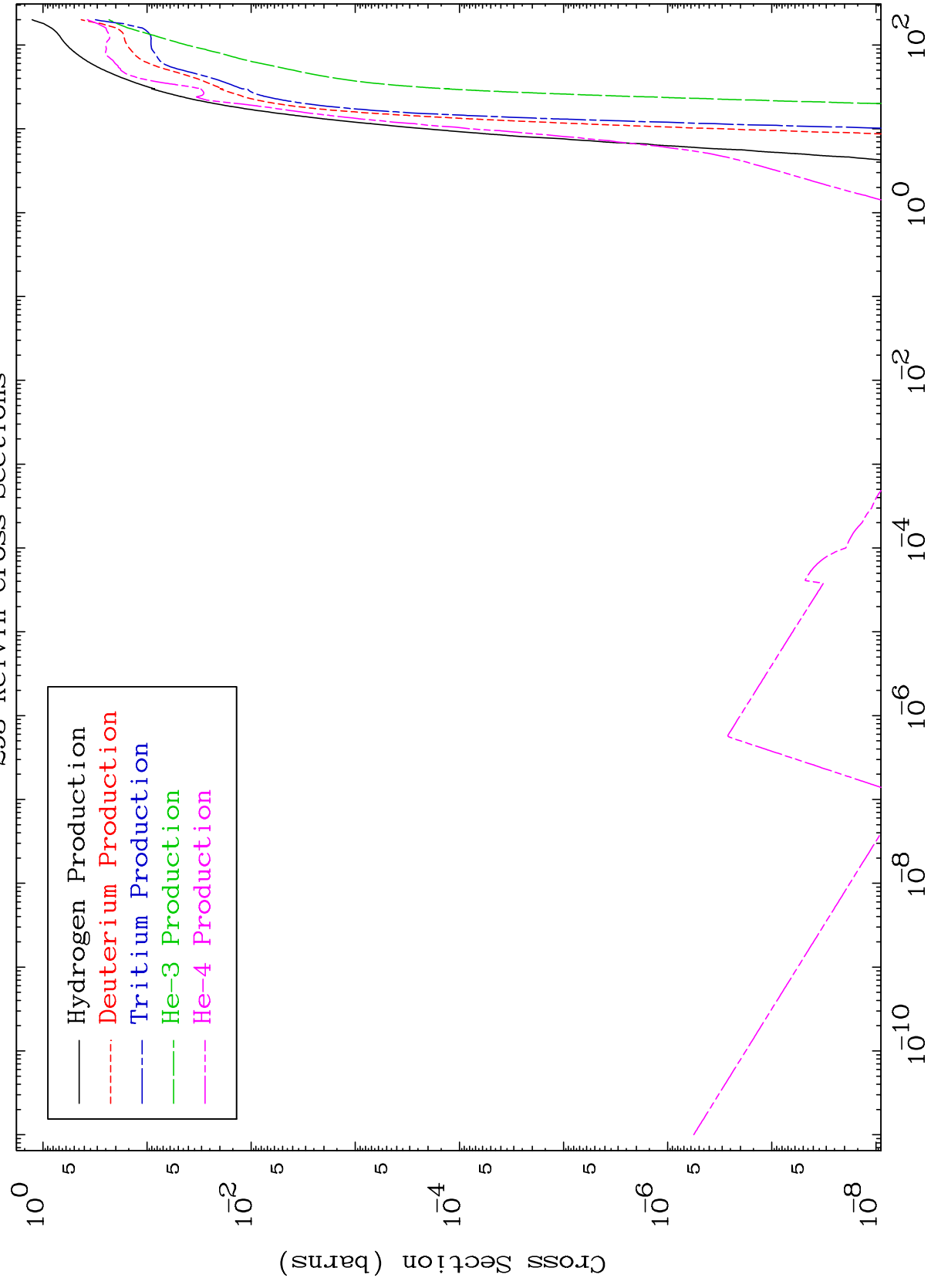
Incident Energy (MeV)

89-Ac-225

MAT 8925

Particle Production
293 Kelvin Cross Sections

89-Ac-225



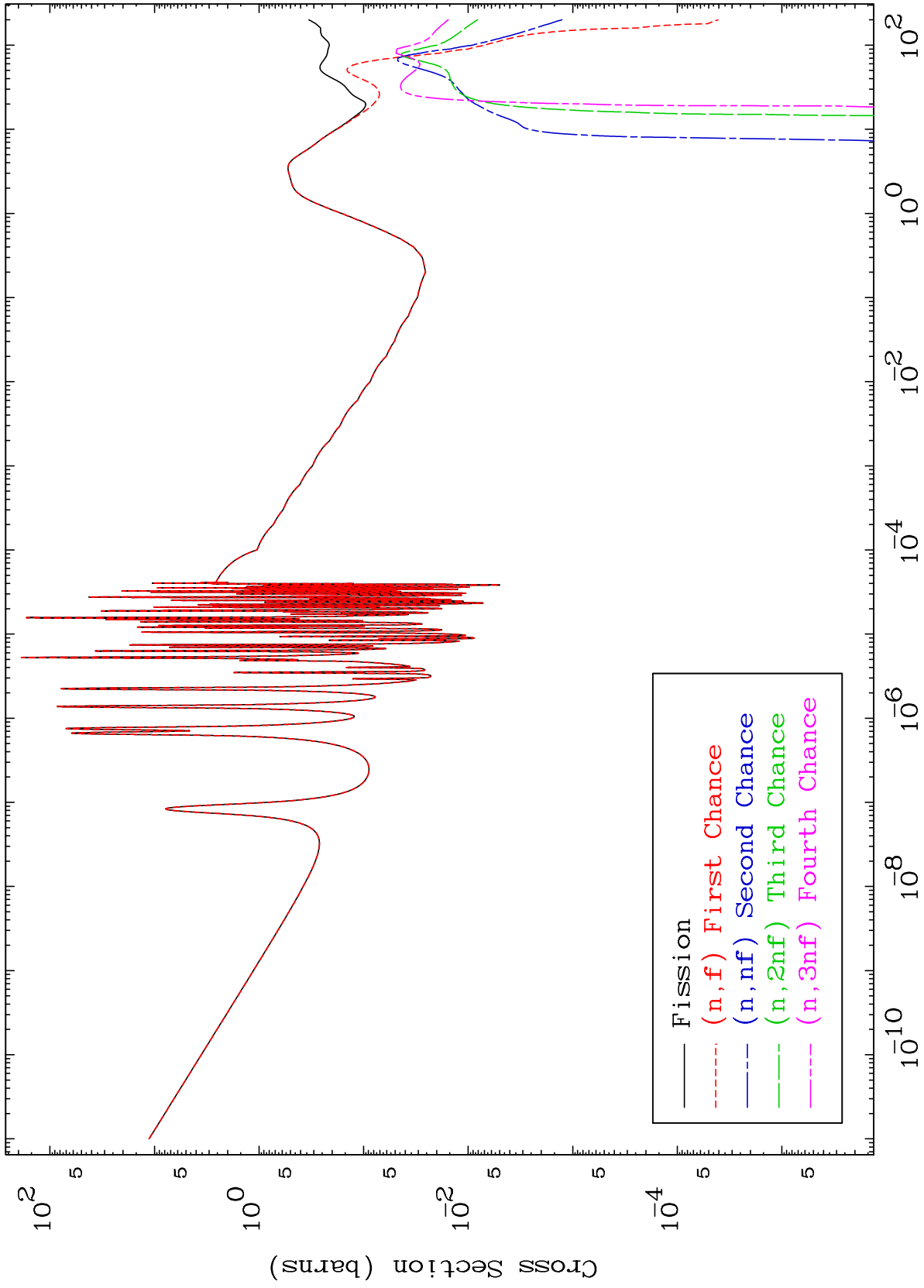
6

89-Ac-225

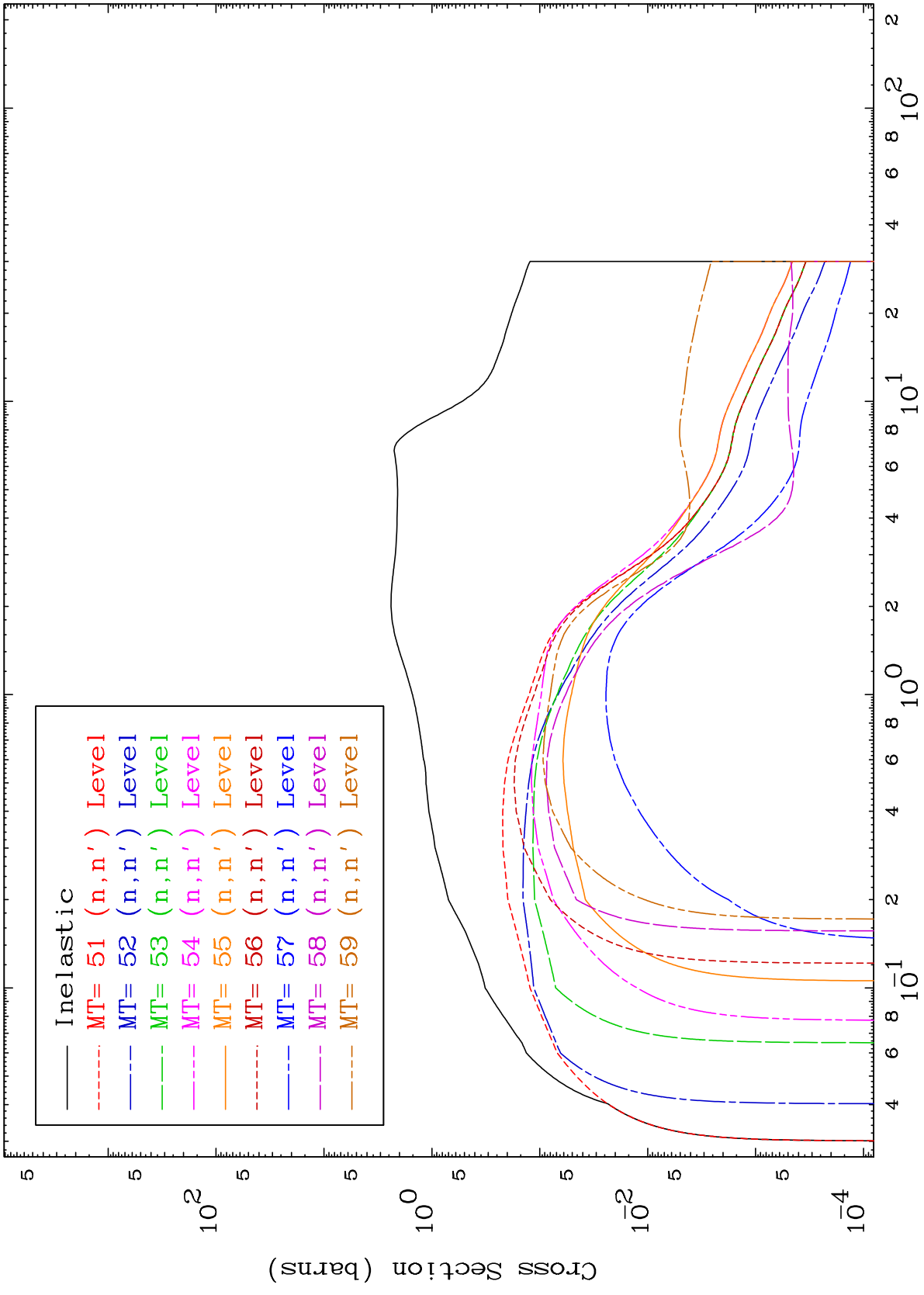
MAT 8925

Fission
293 Kelvin Cross Sections

89-Ac-225



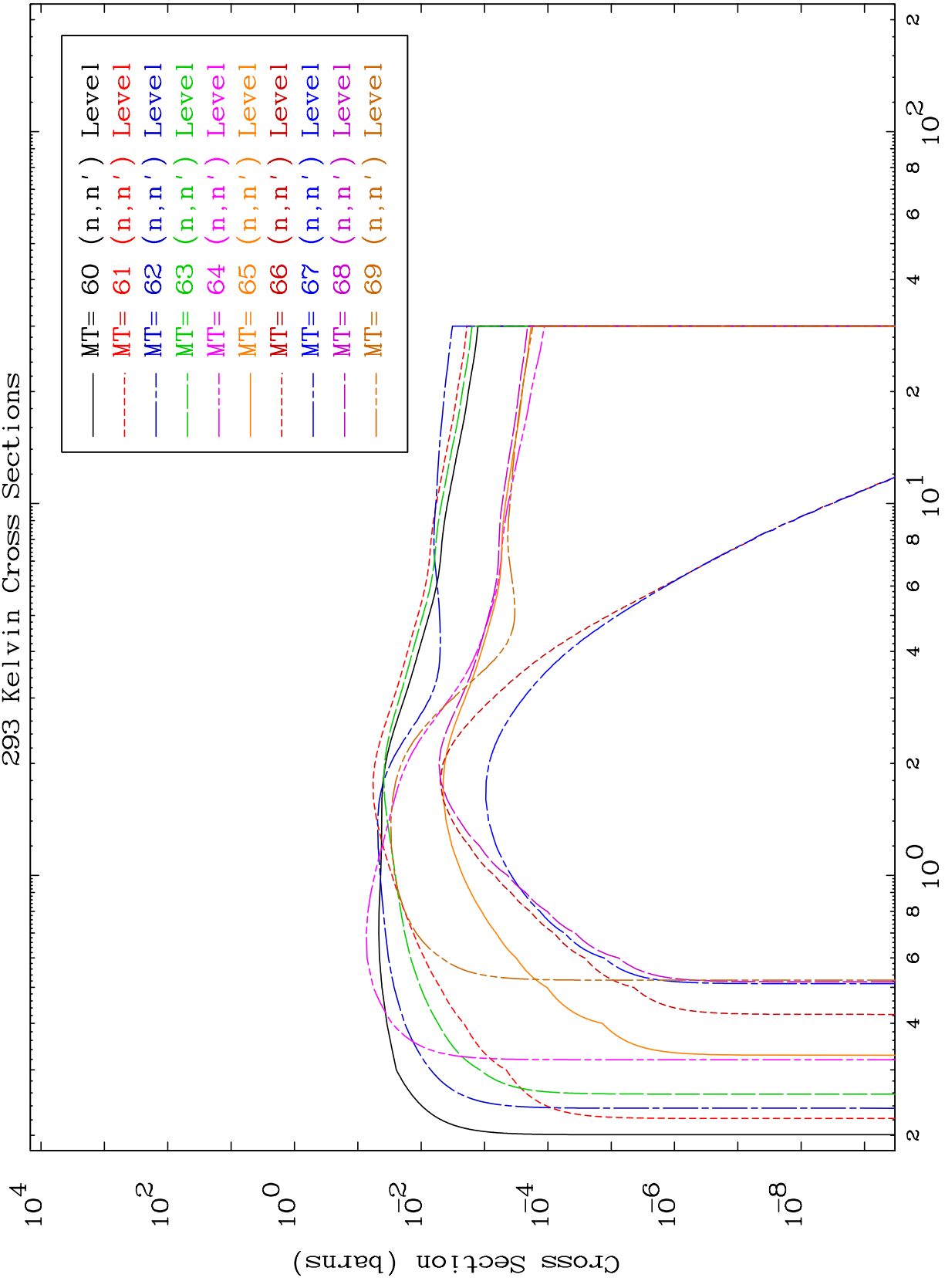
89-Ac-225



MAT 8925

(n,n') Level
293 Kelvin Cross Sections

89-Ac-225



9

Incident Energy (MeV)

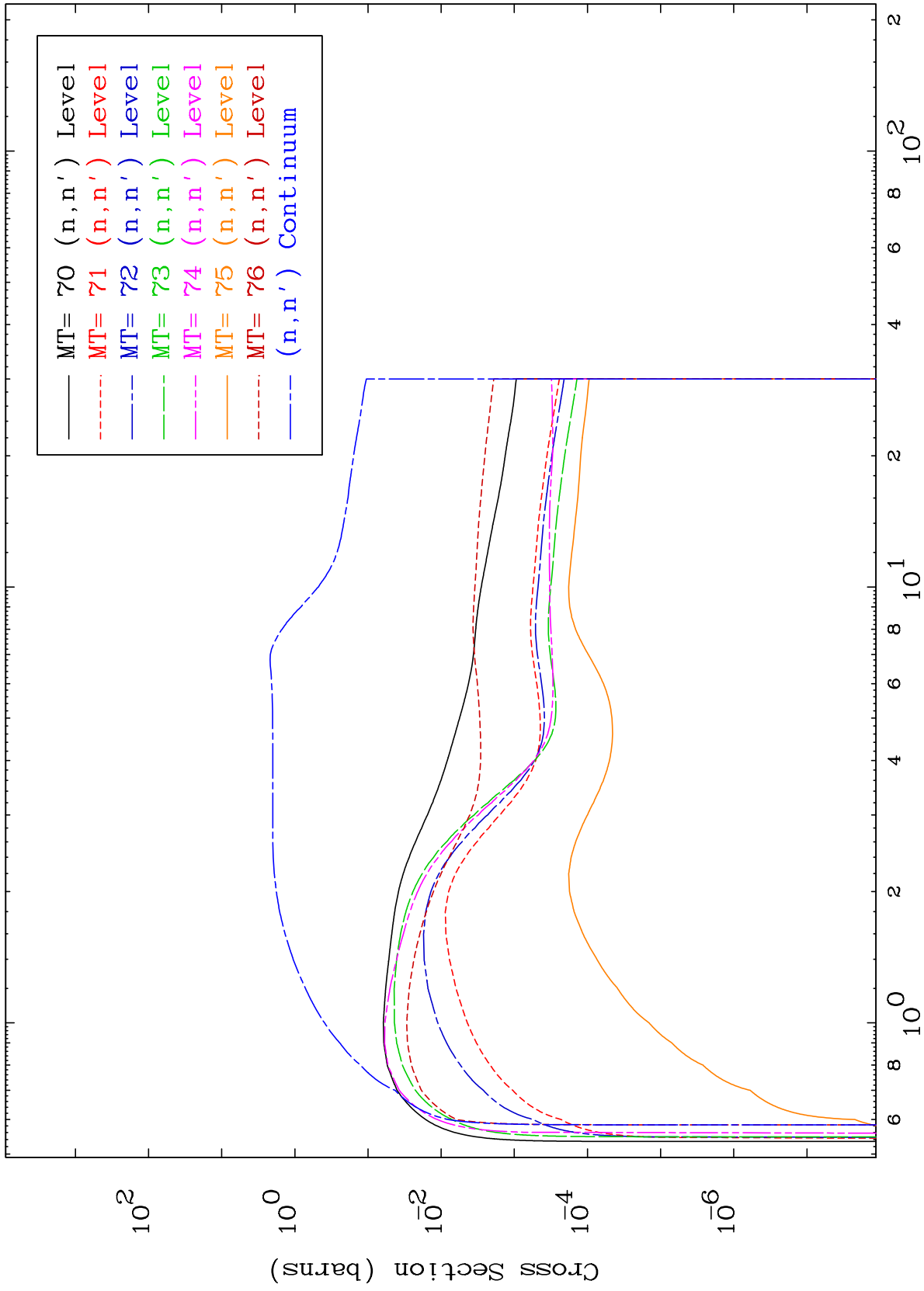
89-Ac-225

MAT 8925

(n,n') Level

89-Ac-225

293 Kelvin Cross Sections



10

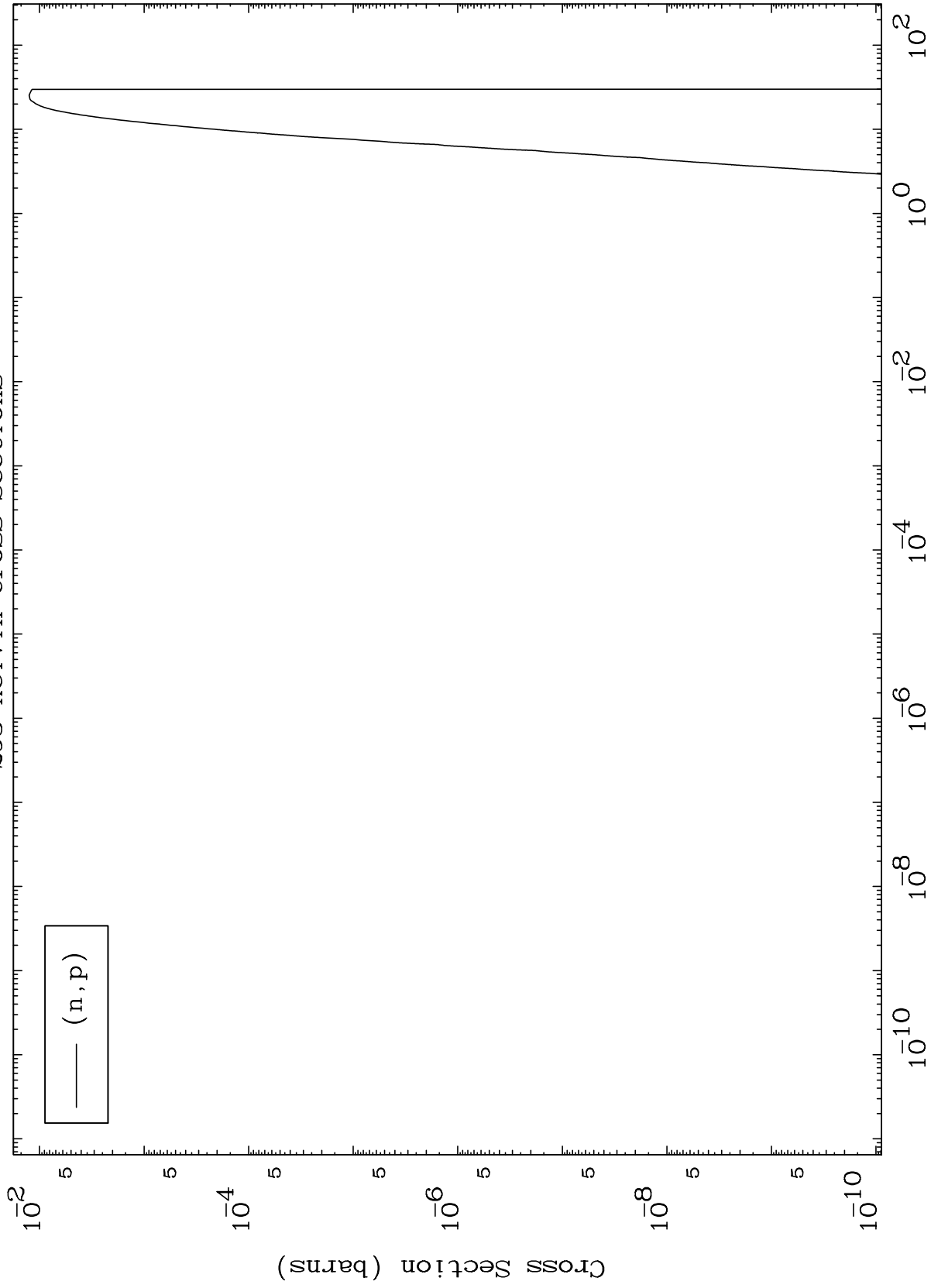
Incident Energy (MeV)

89-Ac-225

MAT 8925

(n,p) Levels
293 Kelvin Cross Sections

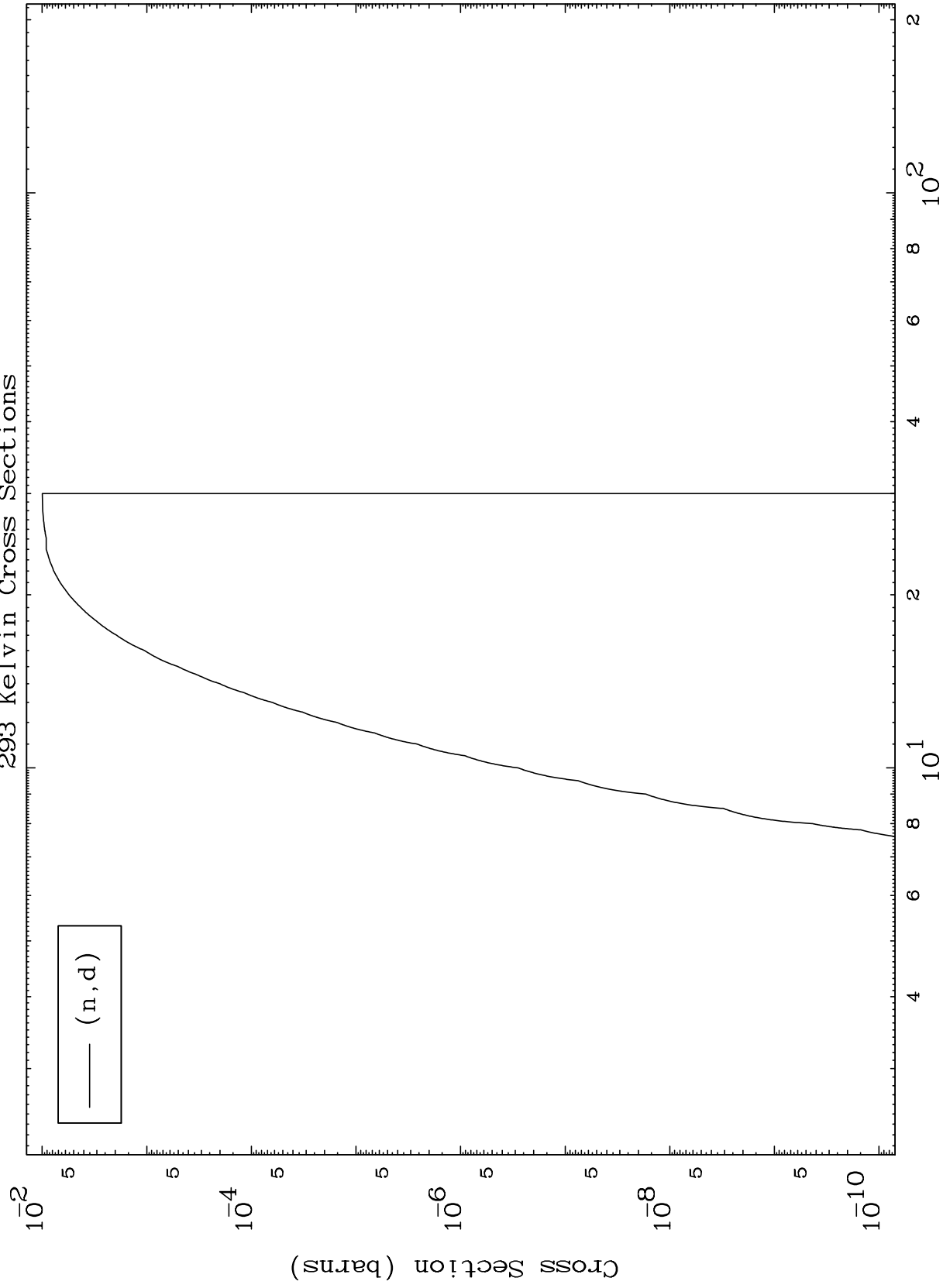
89-Ac-225



MAT 8925

(n,d) Levels
293 Kelvin Cross Sections

89-Ac-225



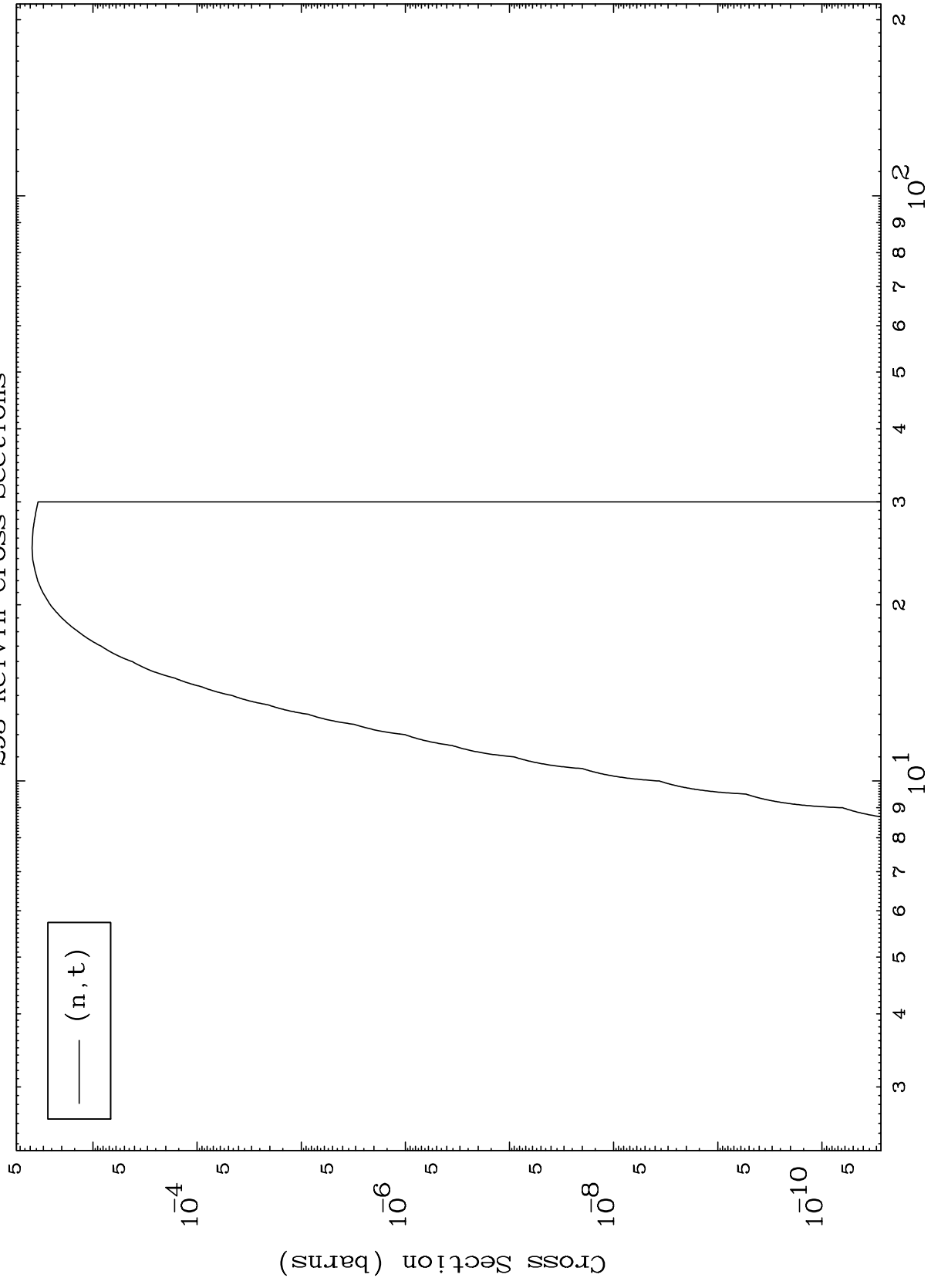
12

89-Ac-225

MAT 8925

(n,t) Levels
293 Kelvin Cross Sections

89-Ac-225

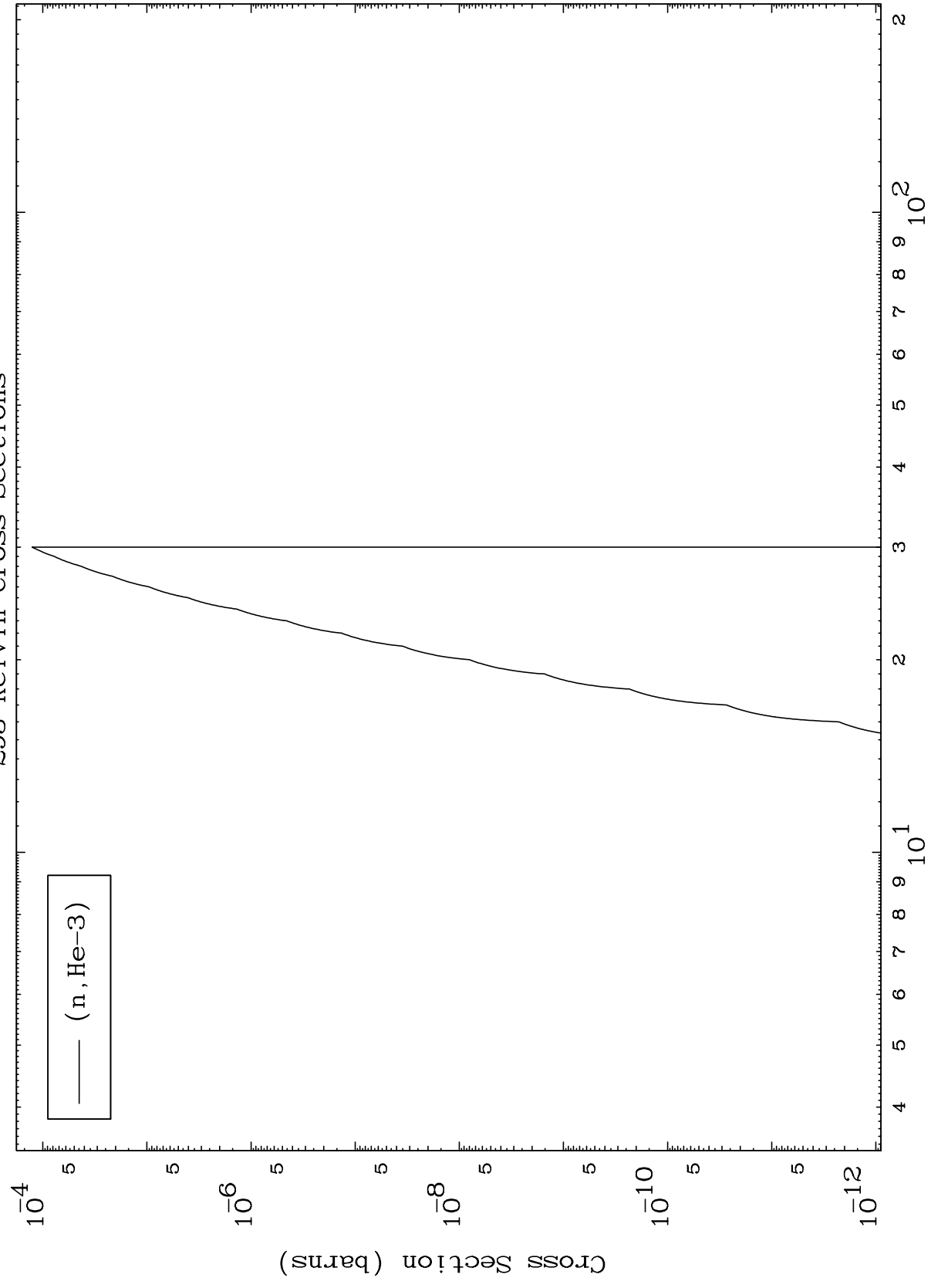


(n,t)

MAT 8925

89-Ac-225

(n,He3) Levels
293 Kelvin Cross Sections



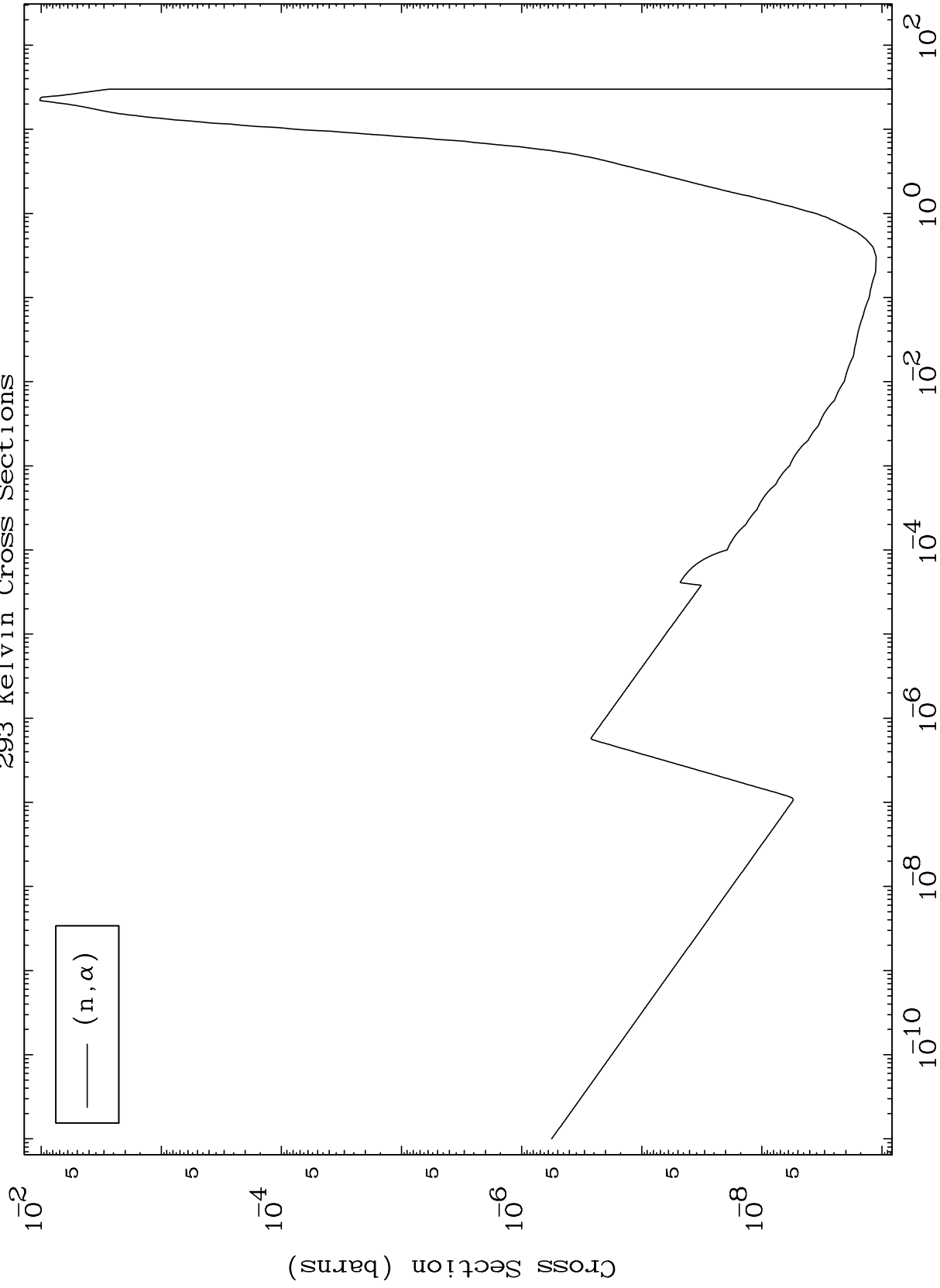
14

89-Ac-225

MAT 8925

(n,α) Levels
293 Kelvin Cross Sections

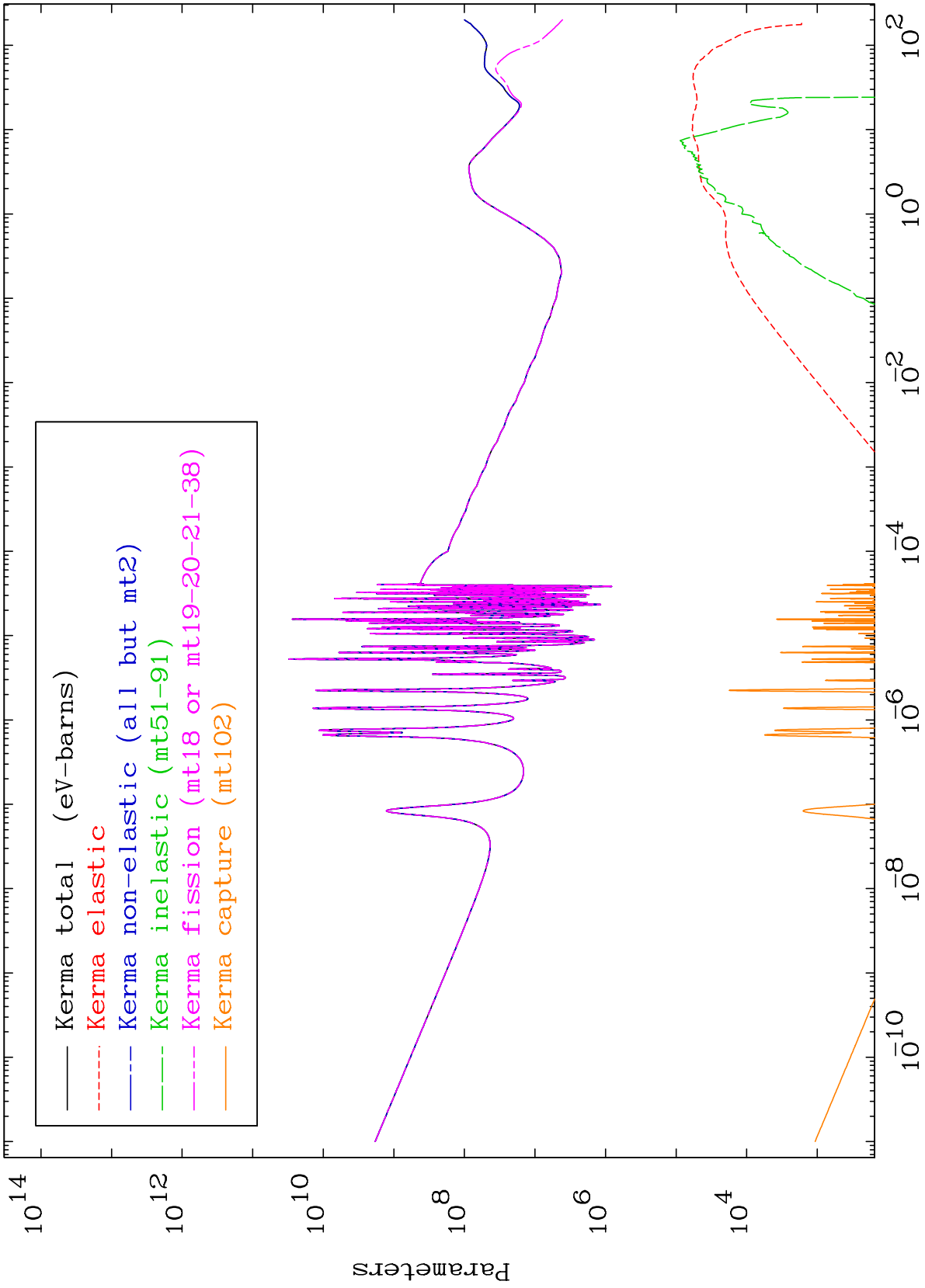
89-Ac-225

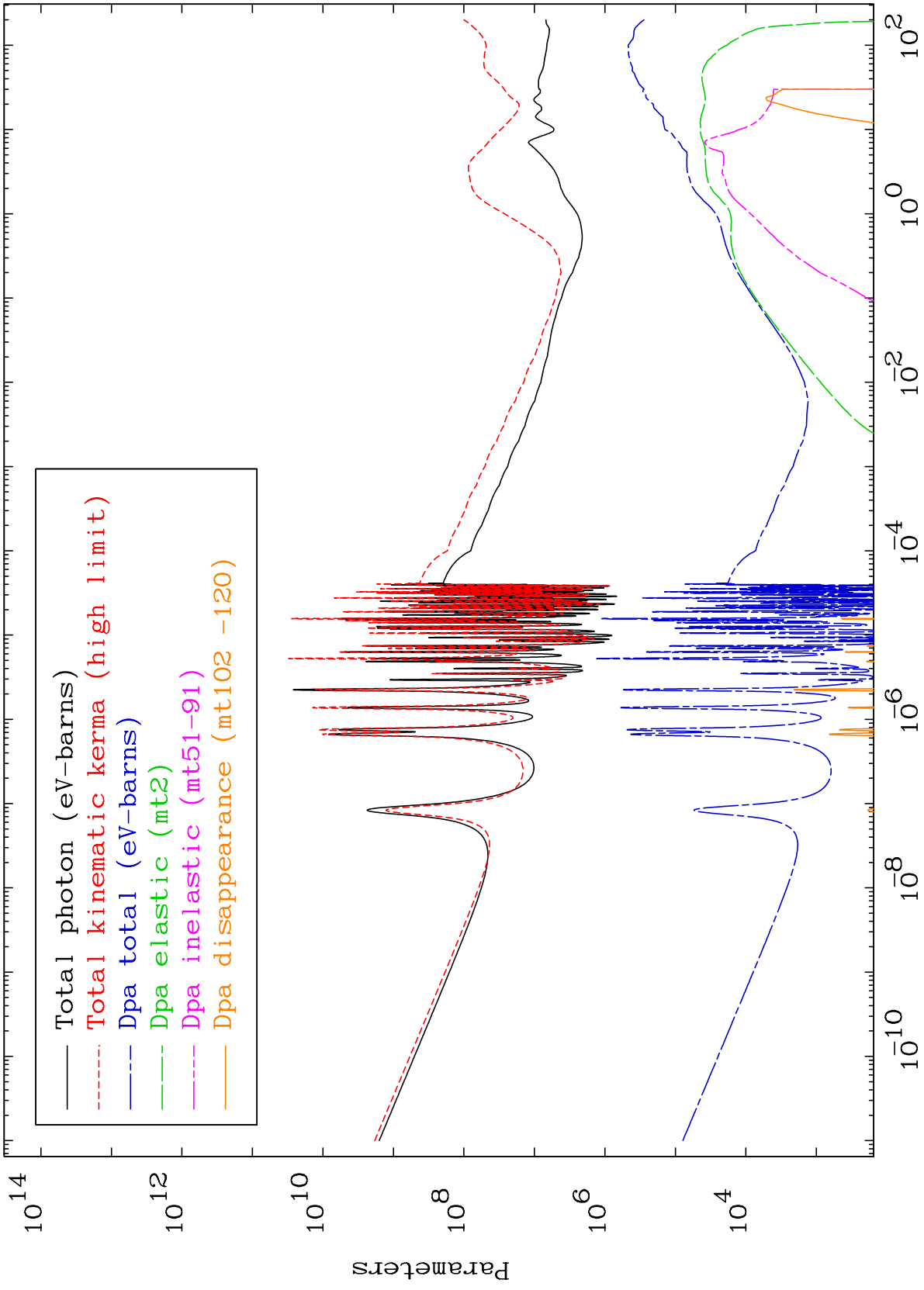


15

Incident Energy (MeV)

89-Ac-225

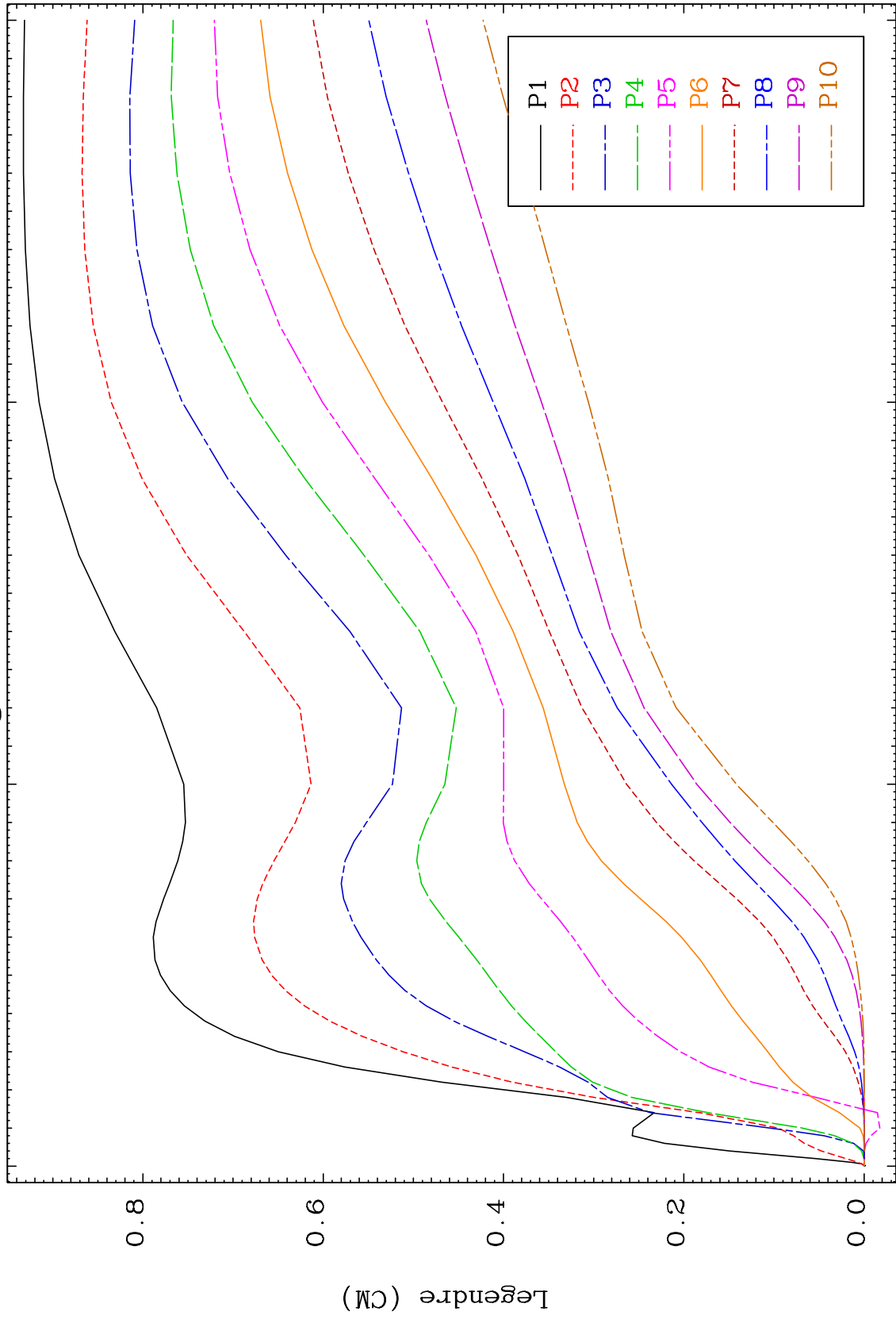




MAT 8925

Elastic Legendre Coefficients

89-Ac-225



18

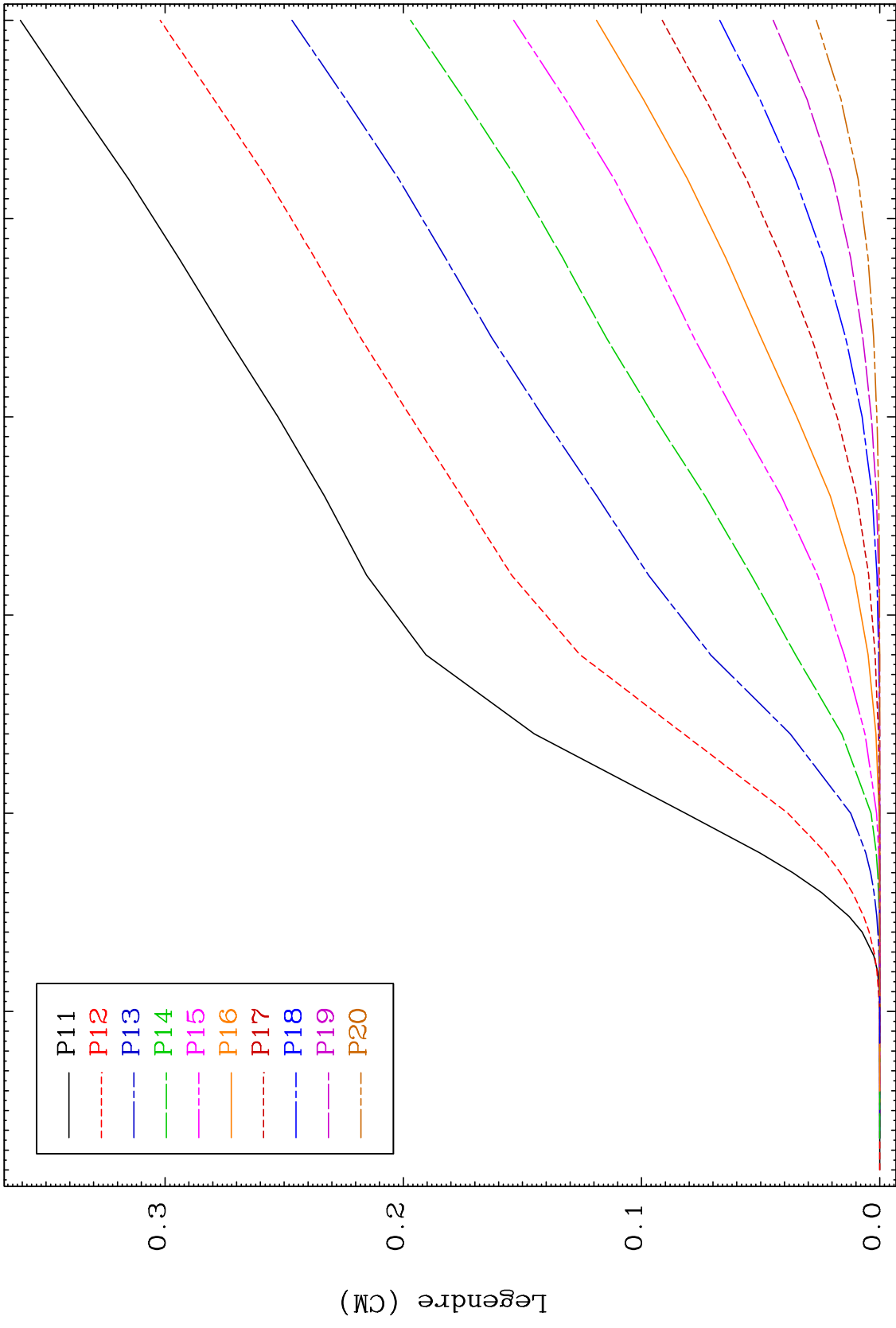
Incident Energy (MeV)

89-Ac-225

MAT 8925

Elastic Legendre Coefficients

89-Ac-225



19

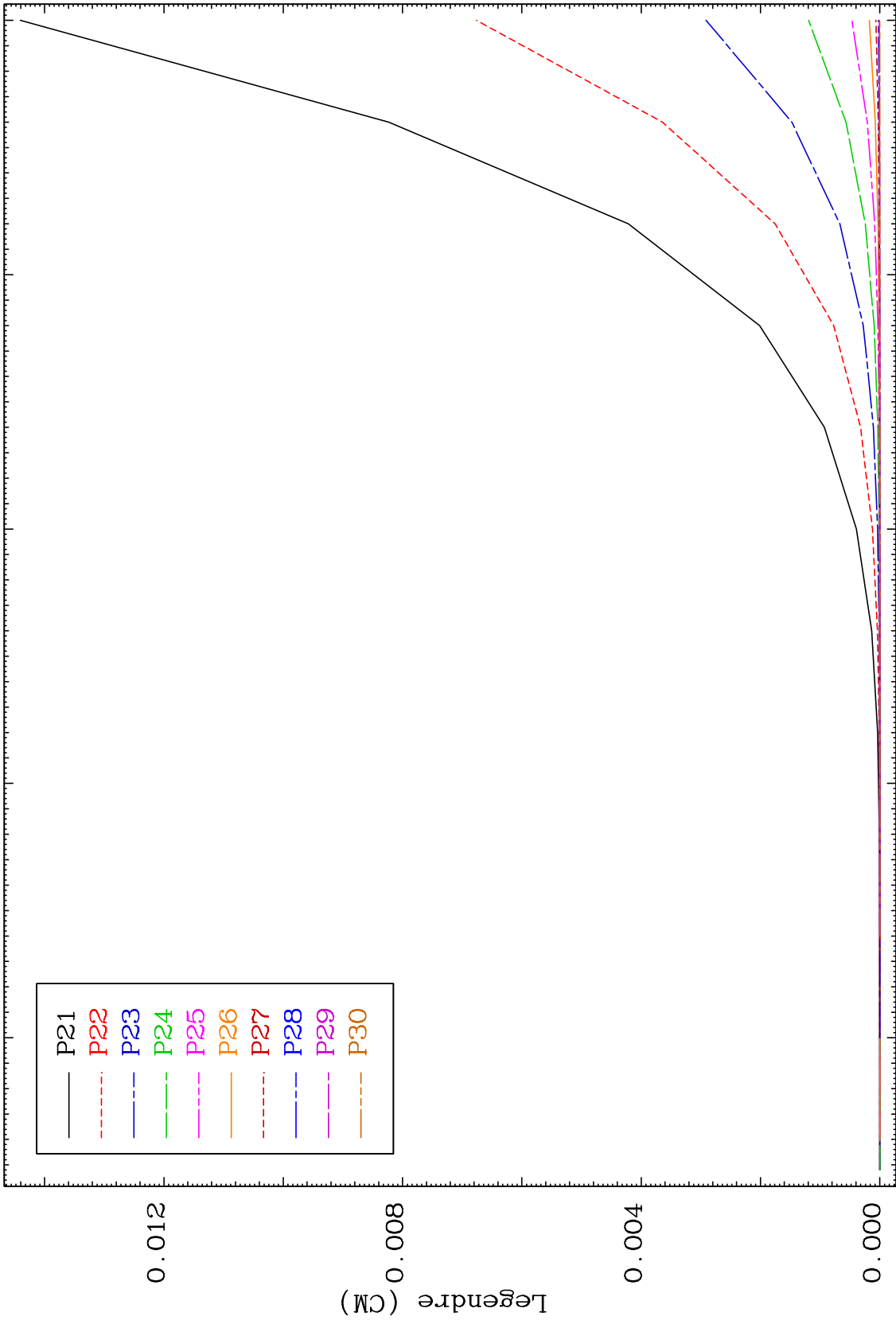
Incident Energy (MeV)

89-Ac-225

MAT 8925

Elastic Legendre Coefficients

89-Ac-225



20

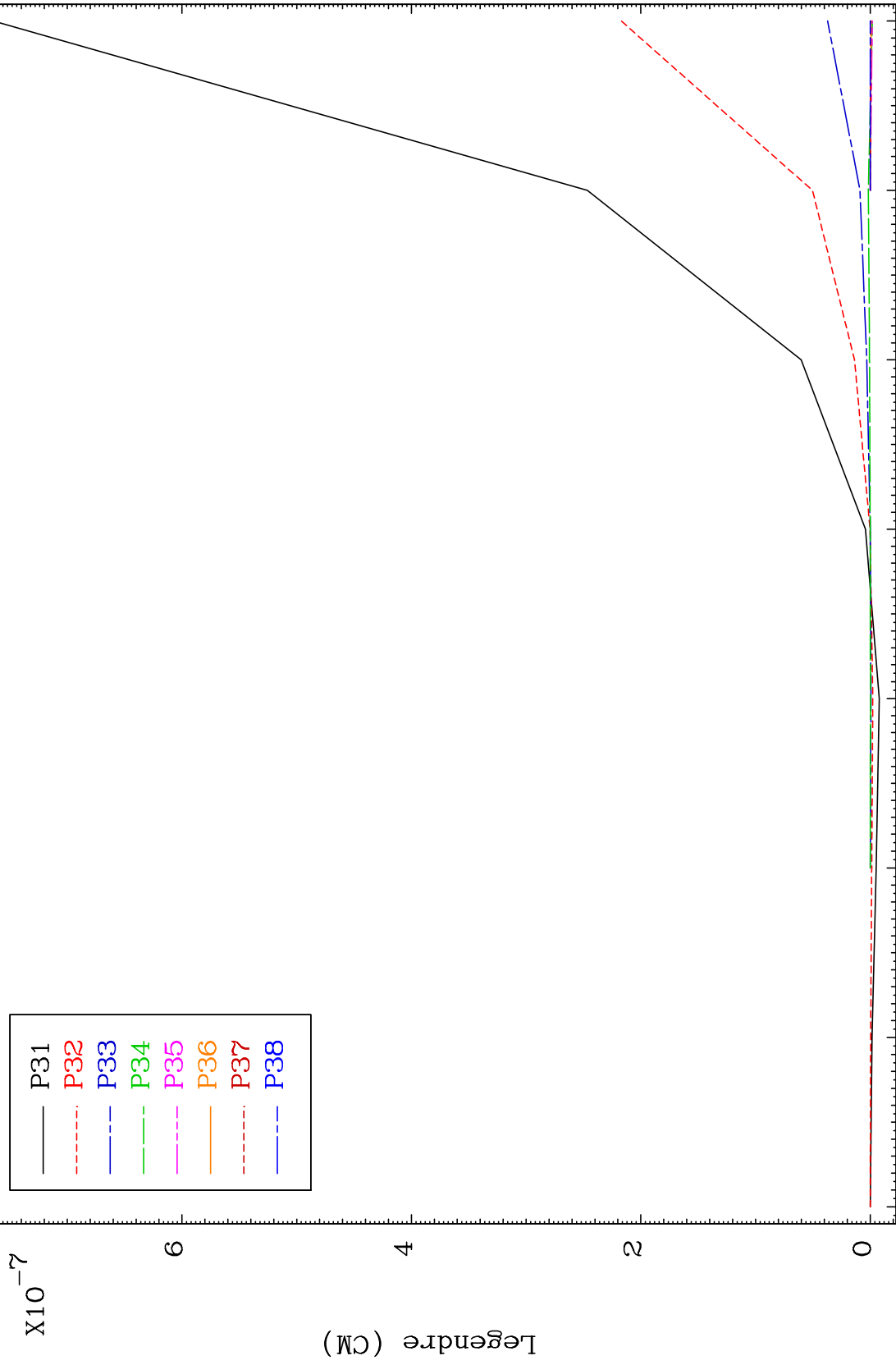
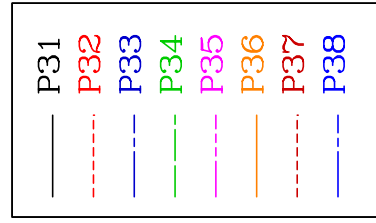
Incident Energy (MeV)

89-Ac-225

MAT 8925

Elastic Legendre Coefficients

89-Ac-225



21

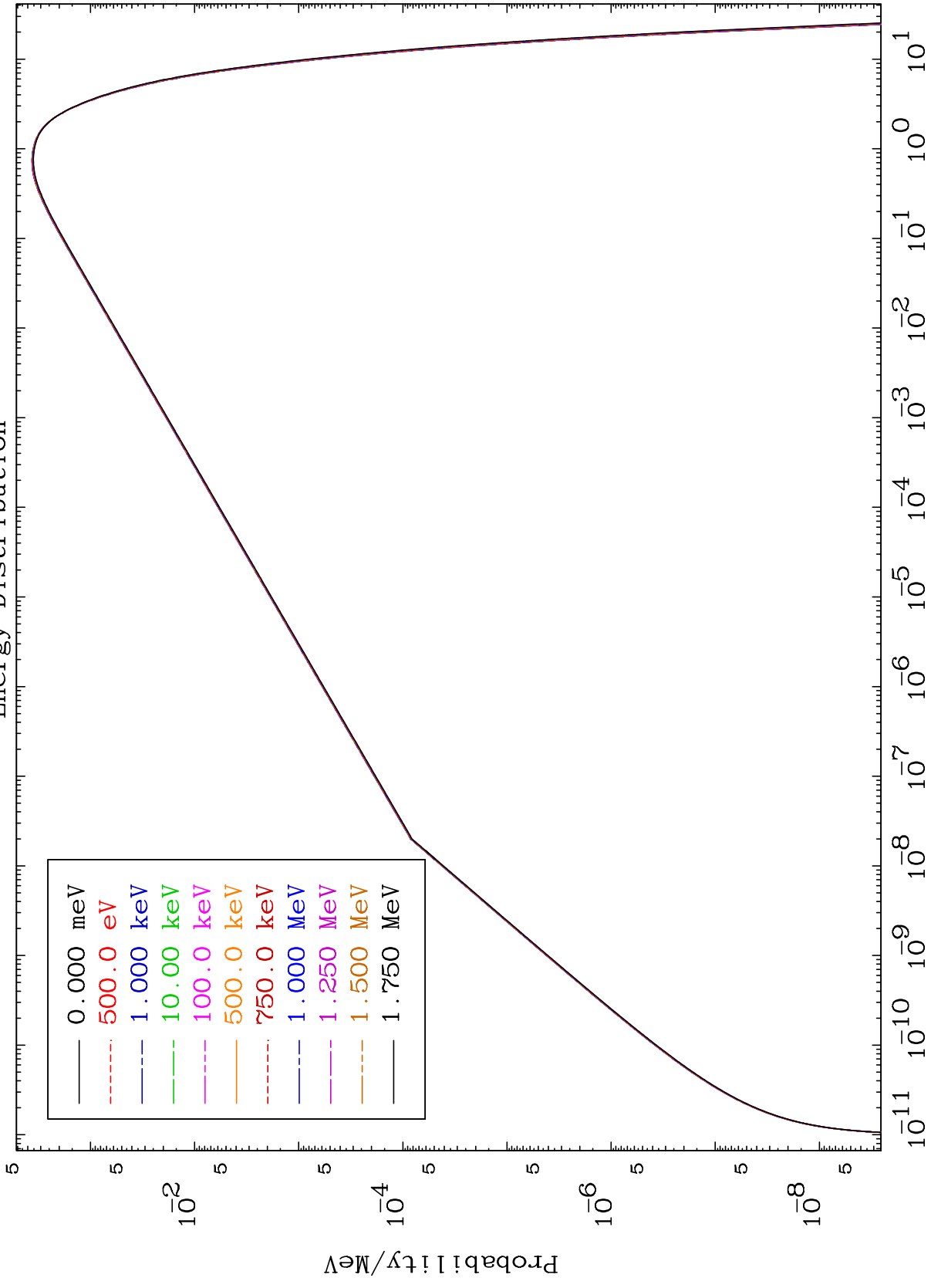
Incident Energy (MeV)

89-Ac-225

MAT 8925

Fission Energy Distribution

89-Ac-225



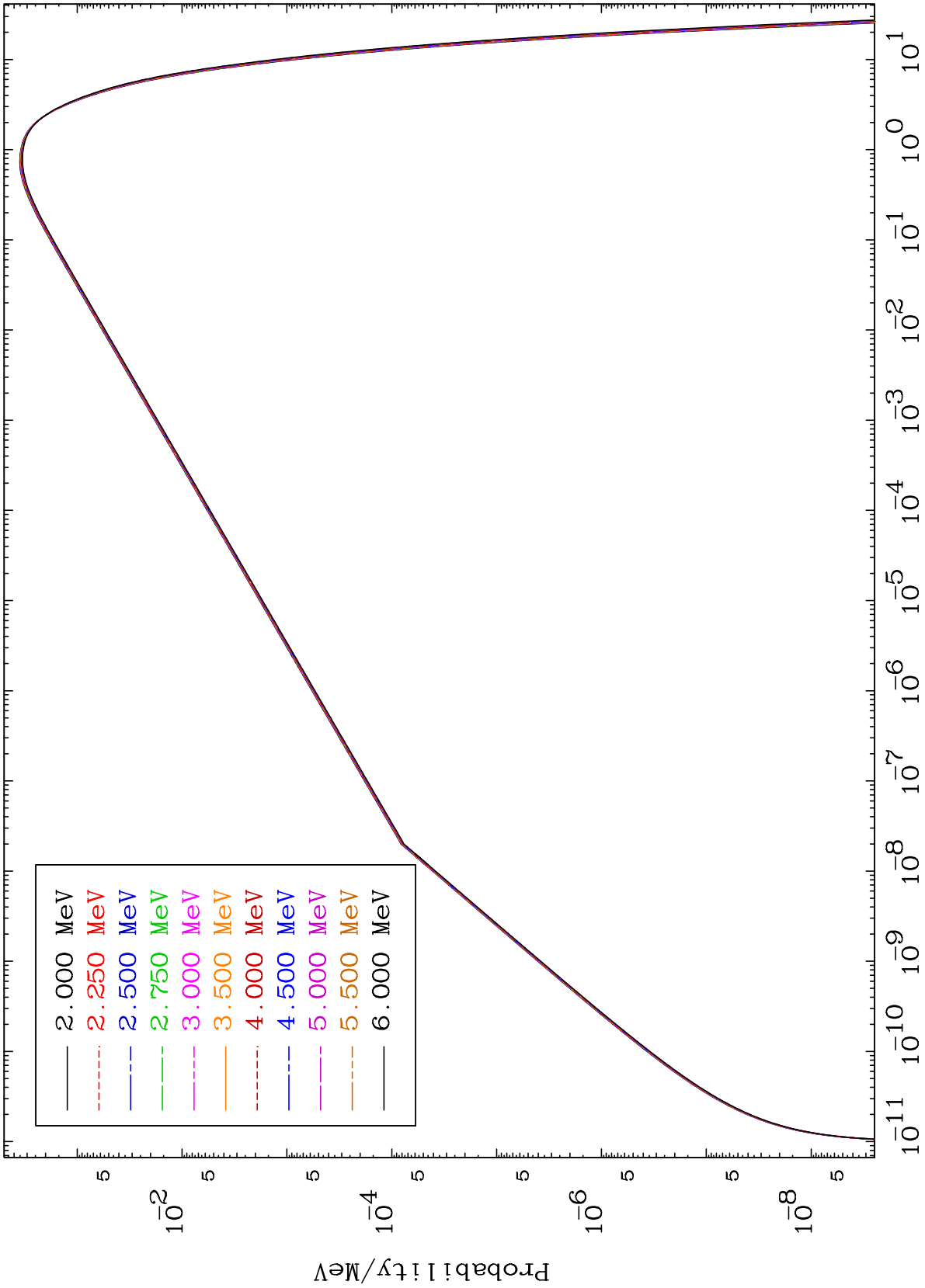
- 0.000 meV
- 500.0 eV
- 1.000 keV
- 10.00 keV
- 100.0 keV
- 500.0 keV
- 750.0 keV
- 1.000 MeV
- 1.250 MeV
- 1.500 MeV
- 1.750 MeV

89-Ac-225

MAT 8925

Fission Energy Distribution

89-Ac-225

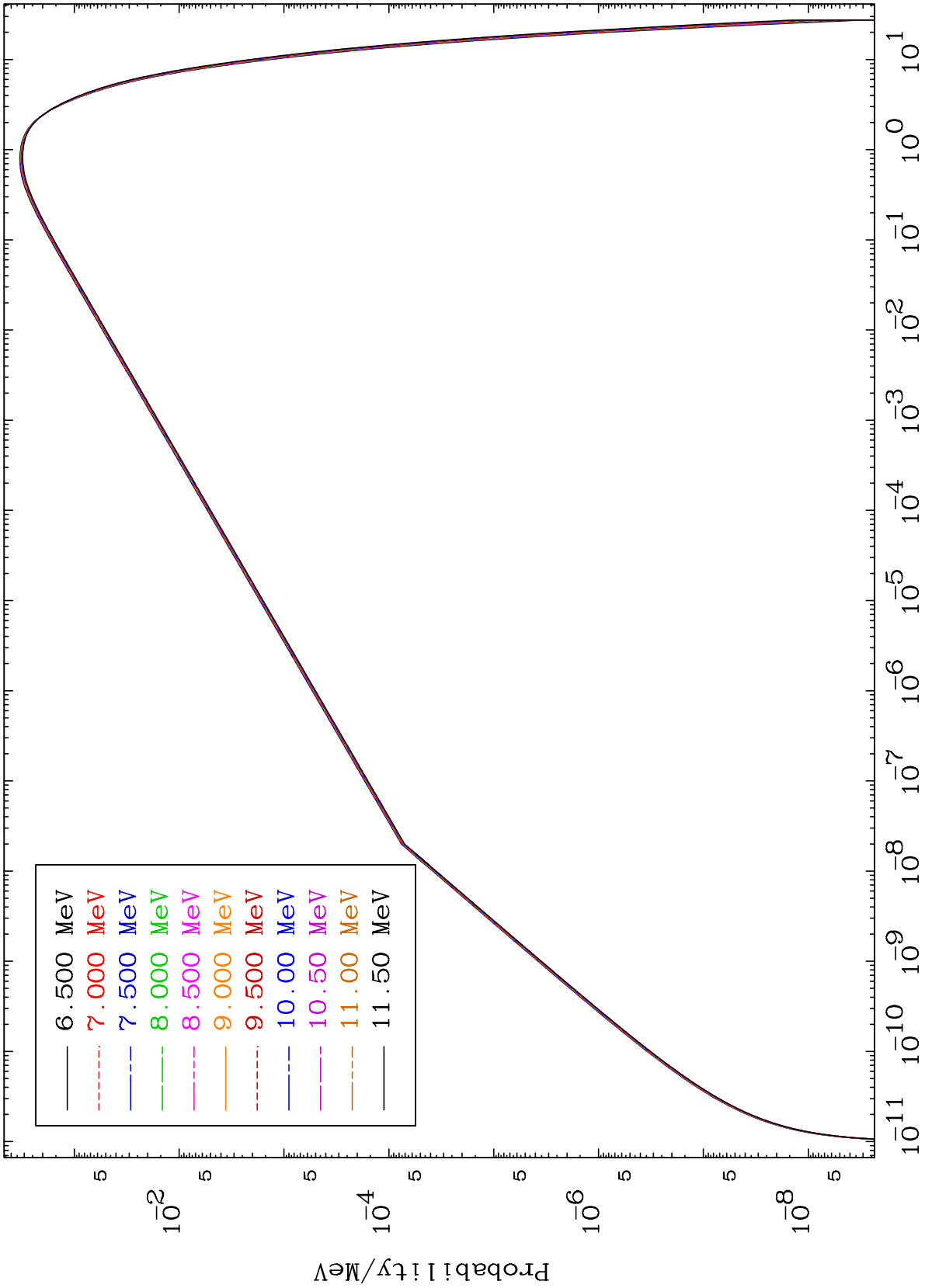


89-Ac-225

MAT 8925

Fission Energy Distribution

89-Ac-225

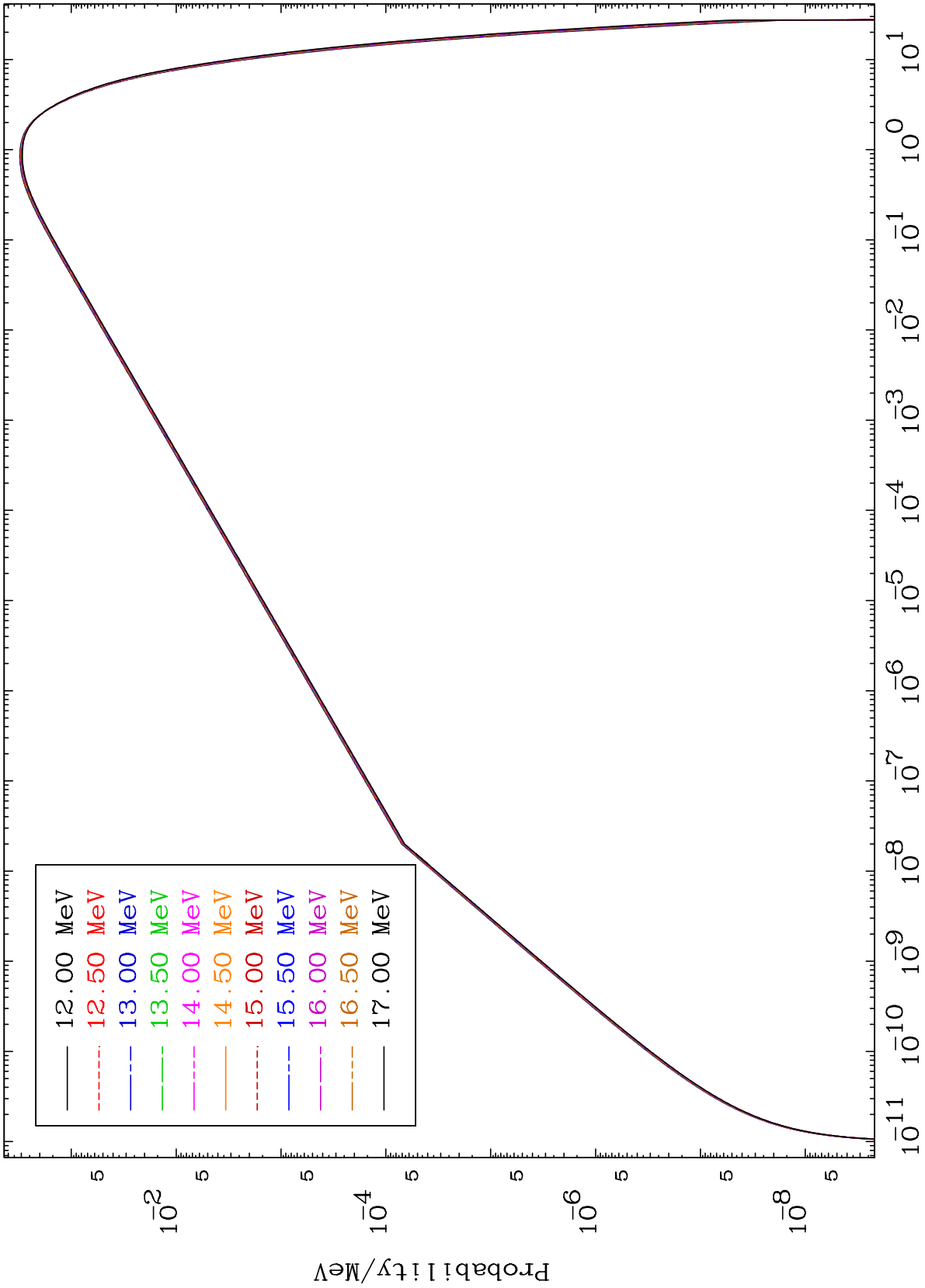


89-Ac-225

MAT 8925

Fission Energy Distribution

89-Ac-225

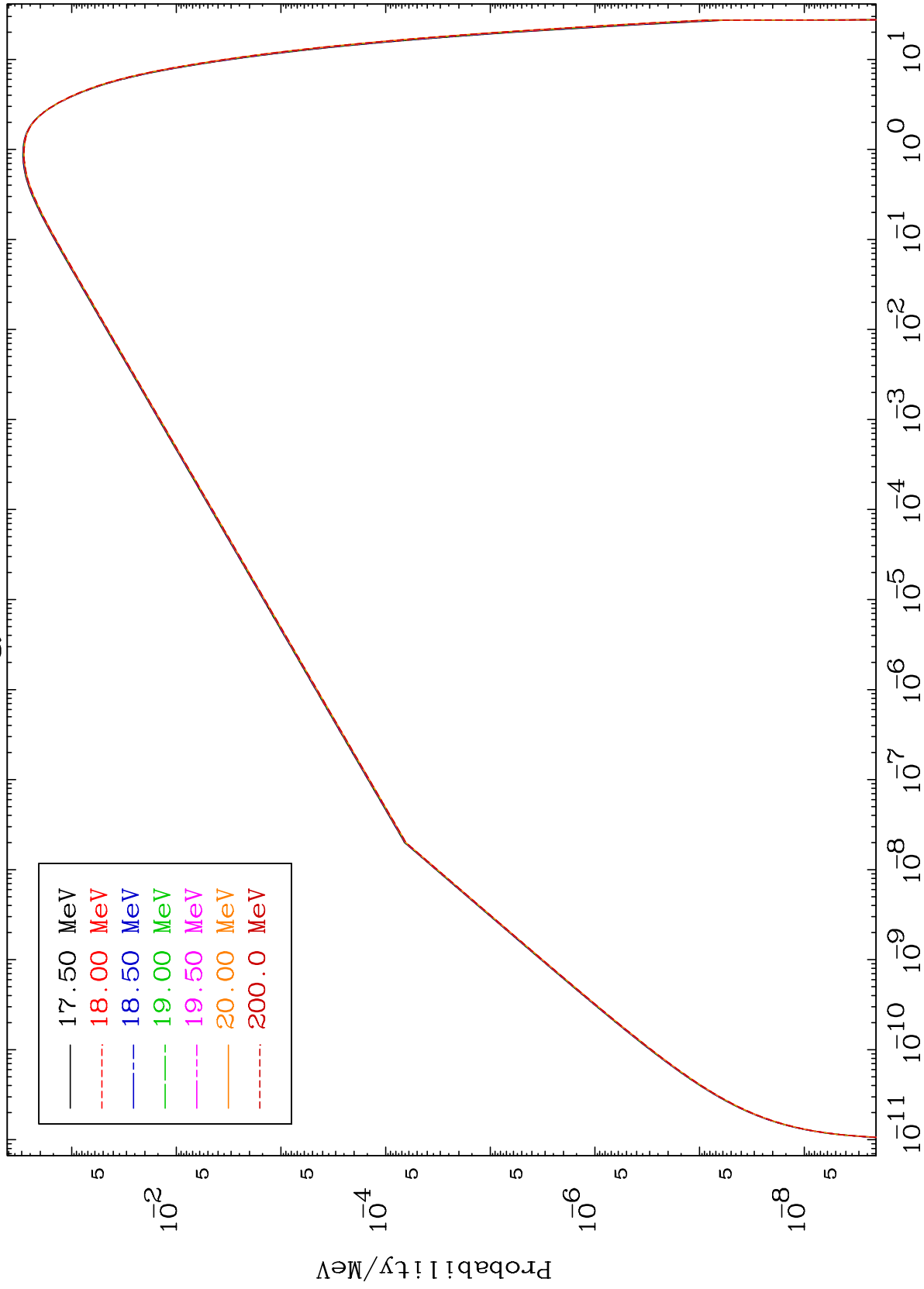


89-Ac-225

MAT 8925

Fission Energy Distribution

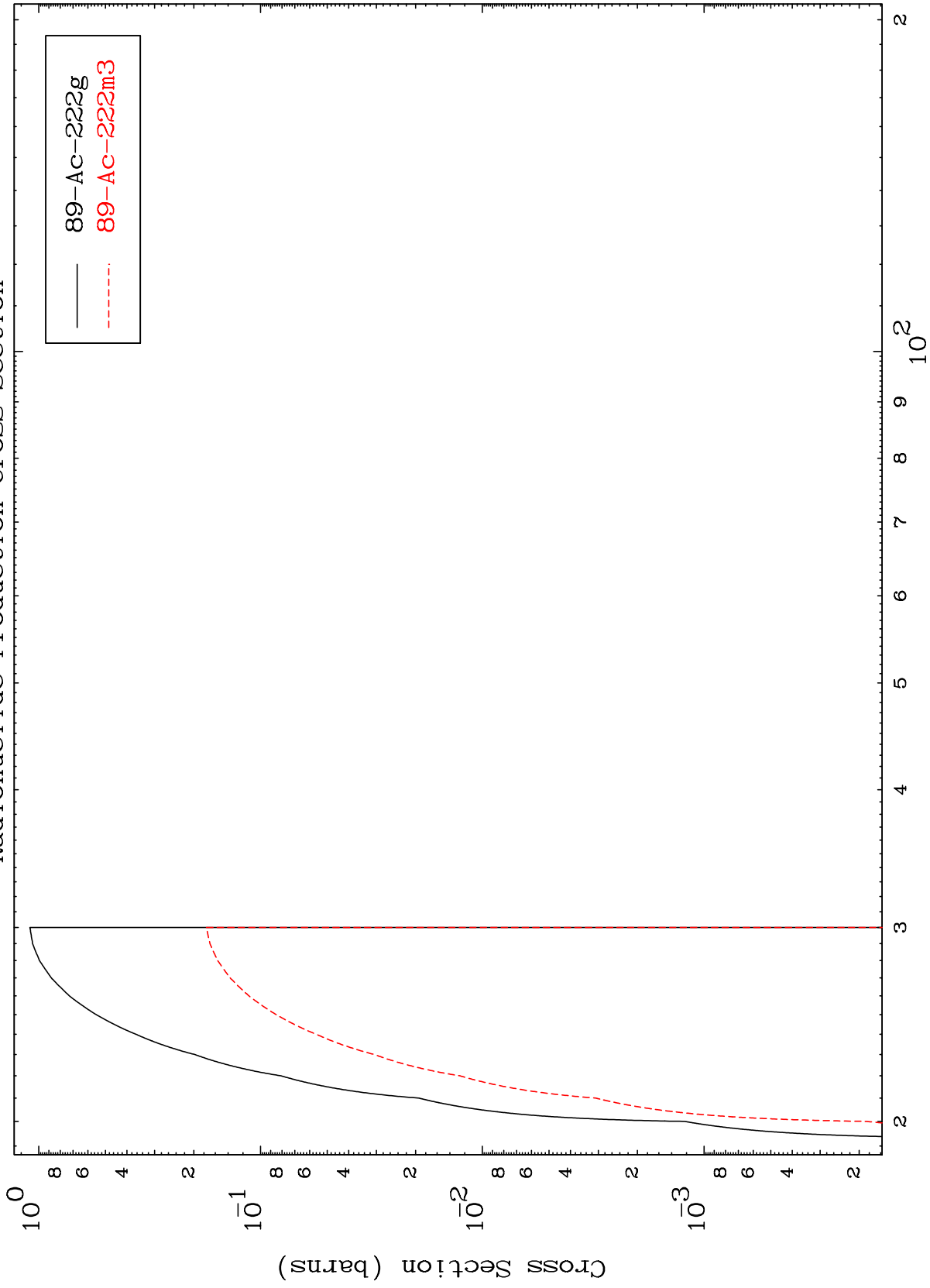
89-Ac-225



MAT 8925

89-Ac-225

(n,4n)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

89-Ac-225