

Program EVALPLOT
(Version 2021-1)

by

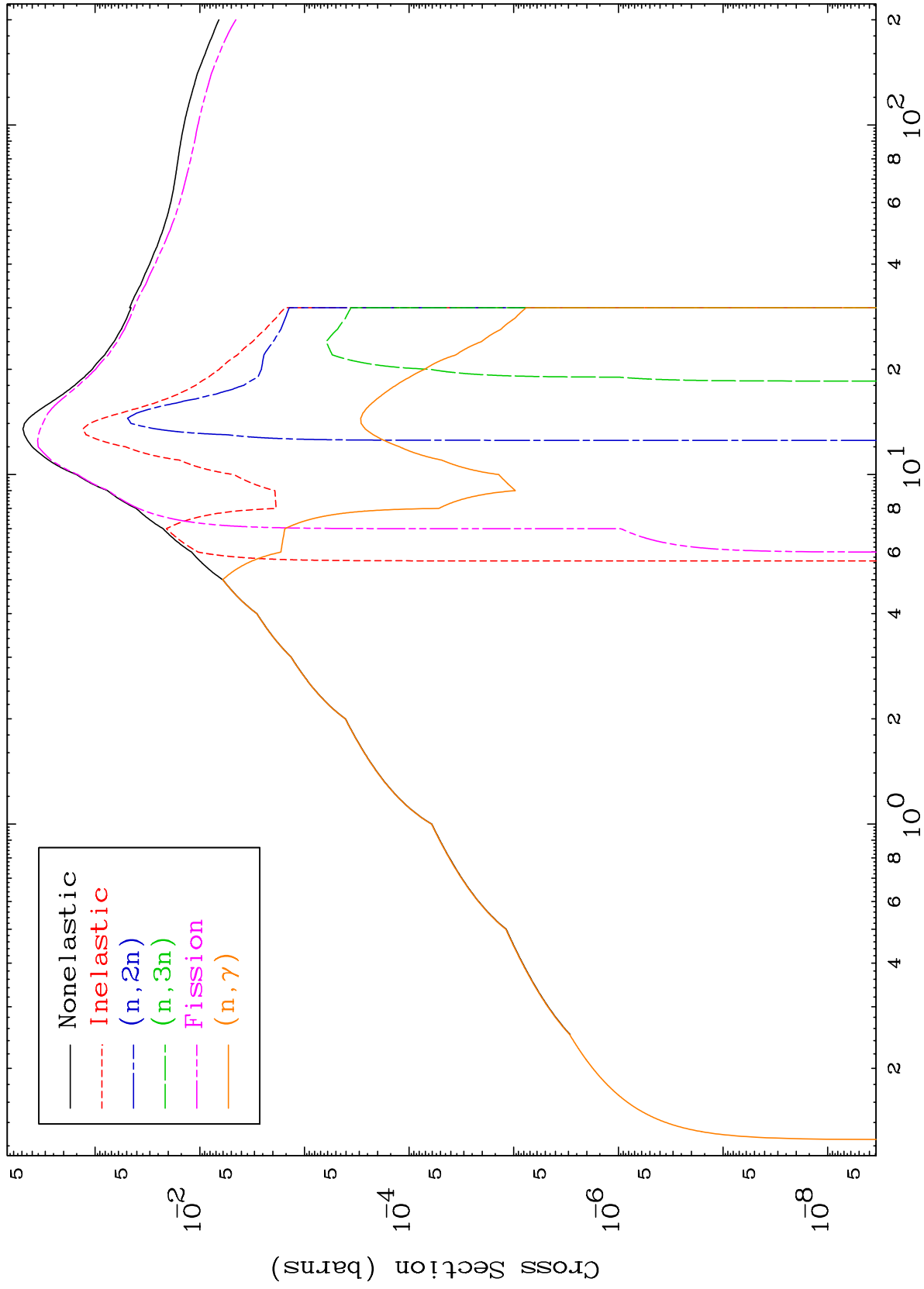
Dermott E. Cullen
(Present Contact Information)

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

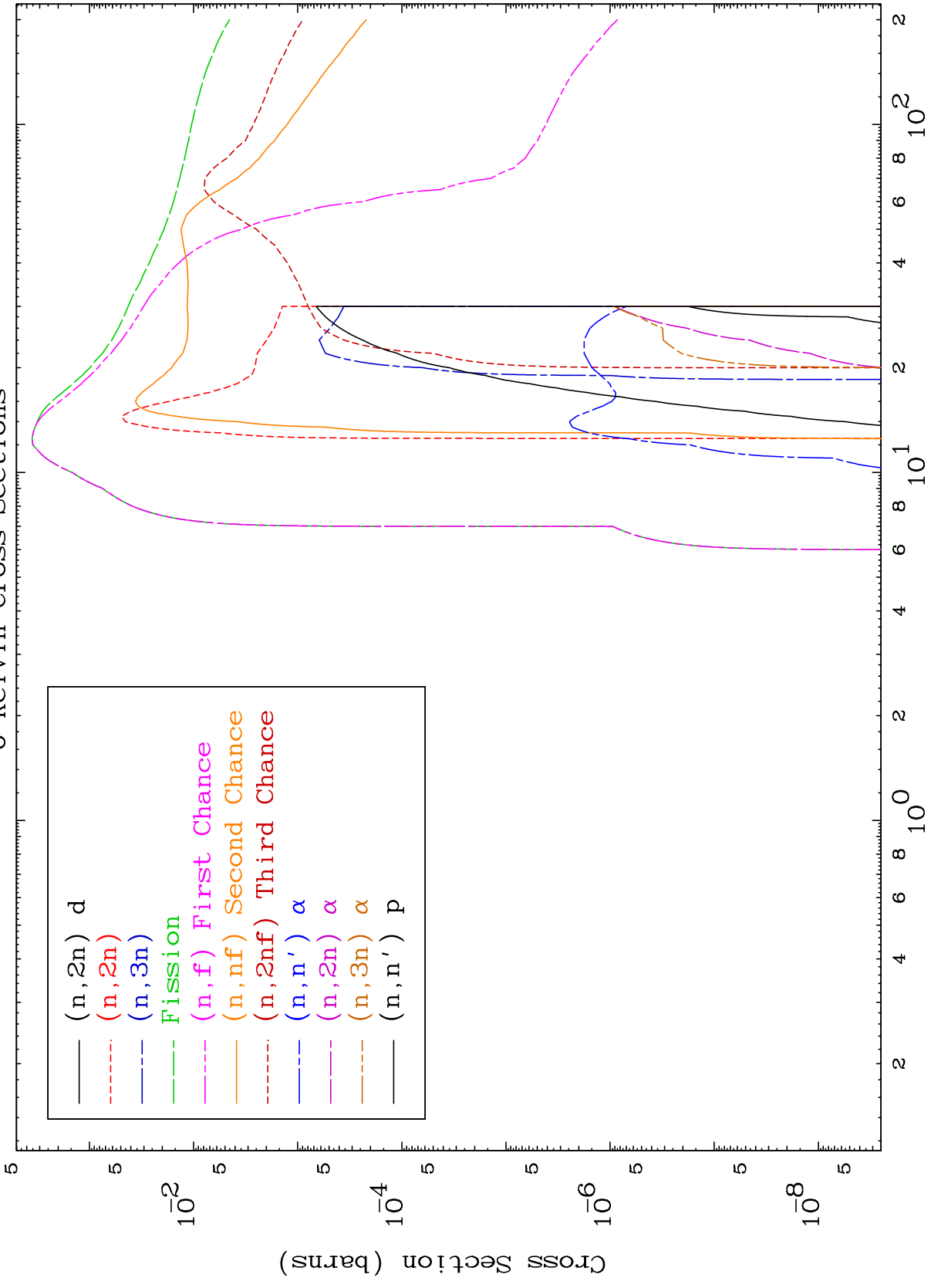
Press Mouse Button to Start



MAT 8922

Photon Neutron Absorption
0 Kelvin Cross Sections

89-Ac-224



2

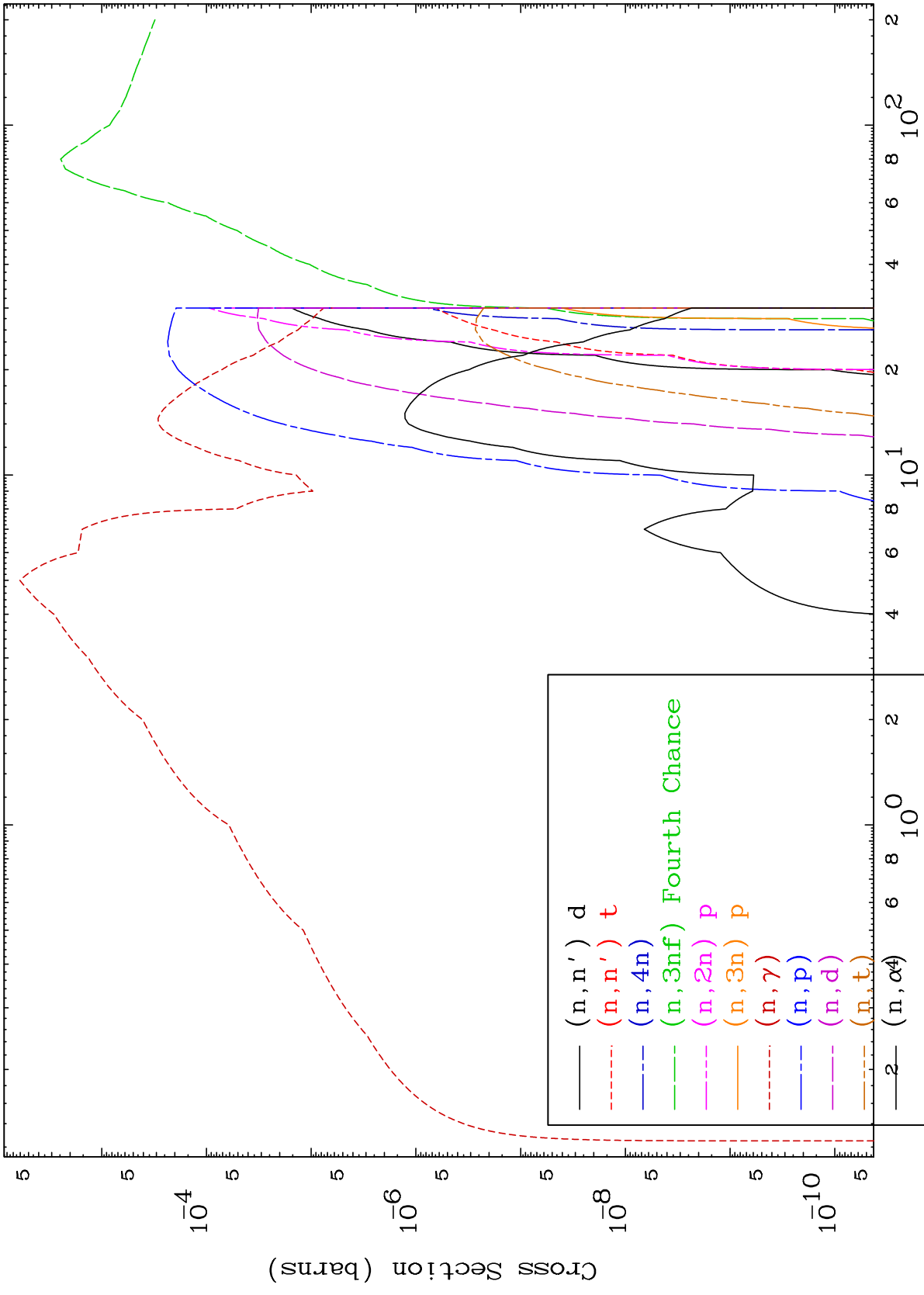
Incident Energy (MeV)

89-Ac-224

MAT 8922

Photon Neutron Absorption
0 Kelvin Cross Sections

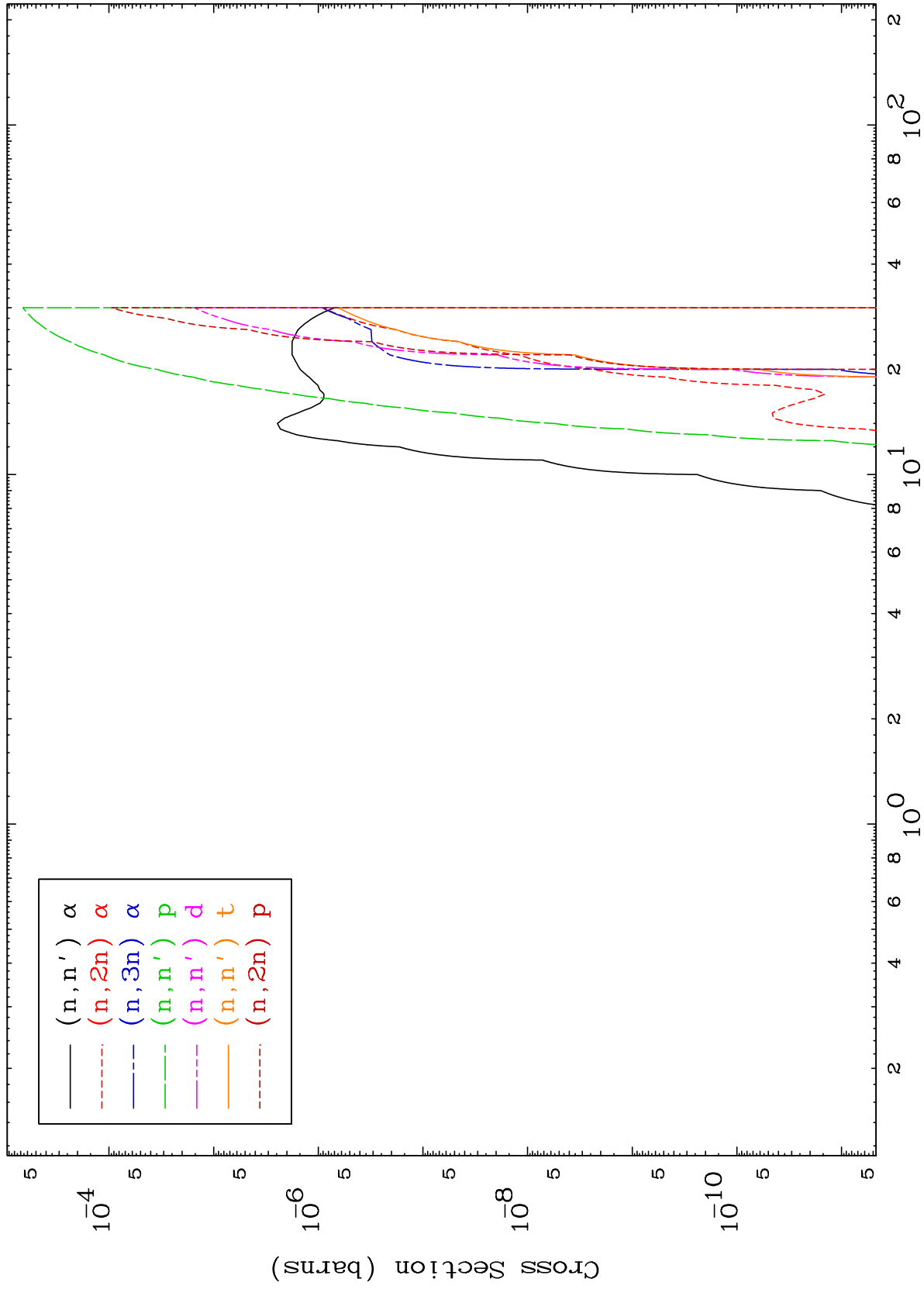
89-Ac-224

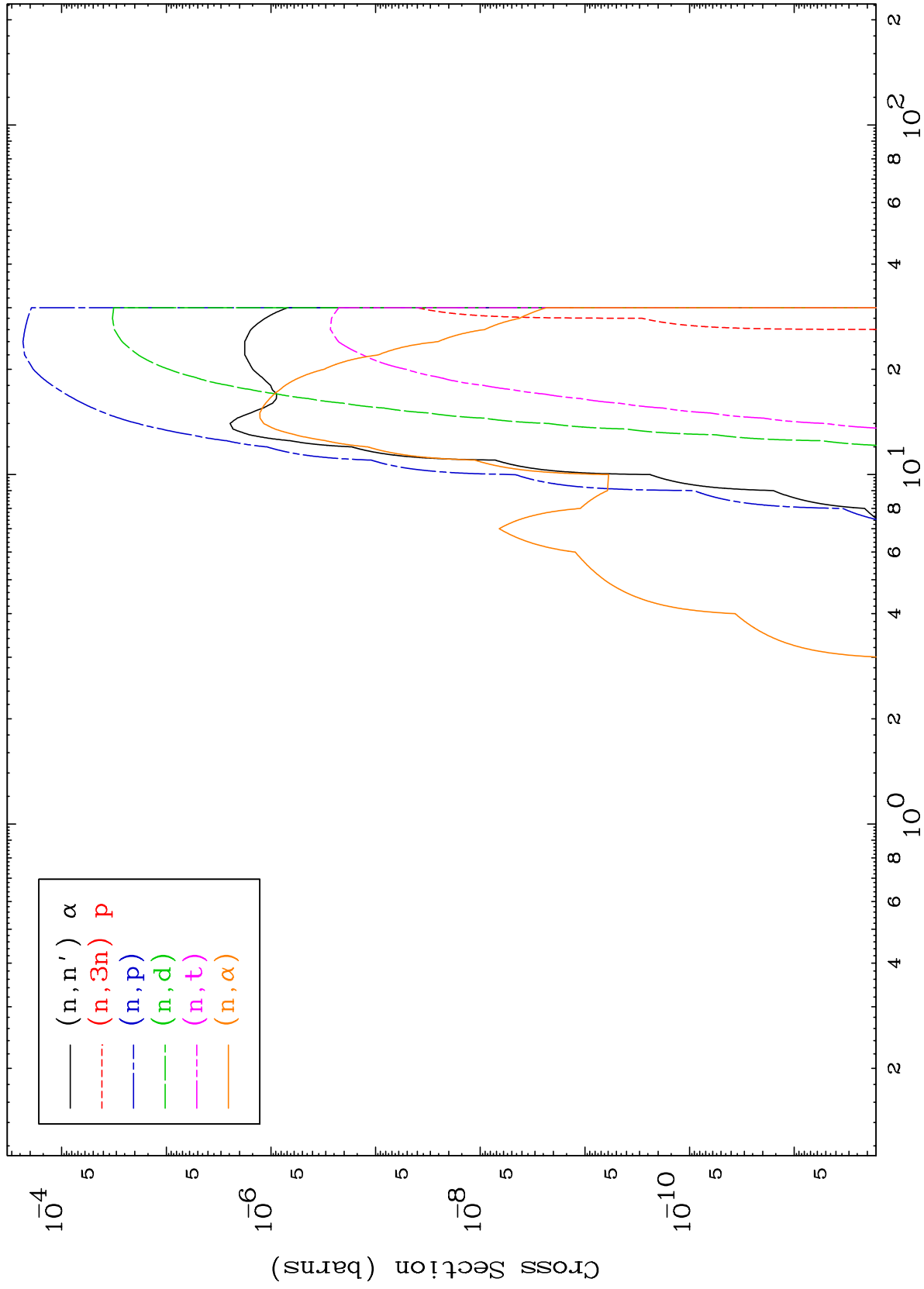


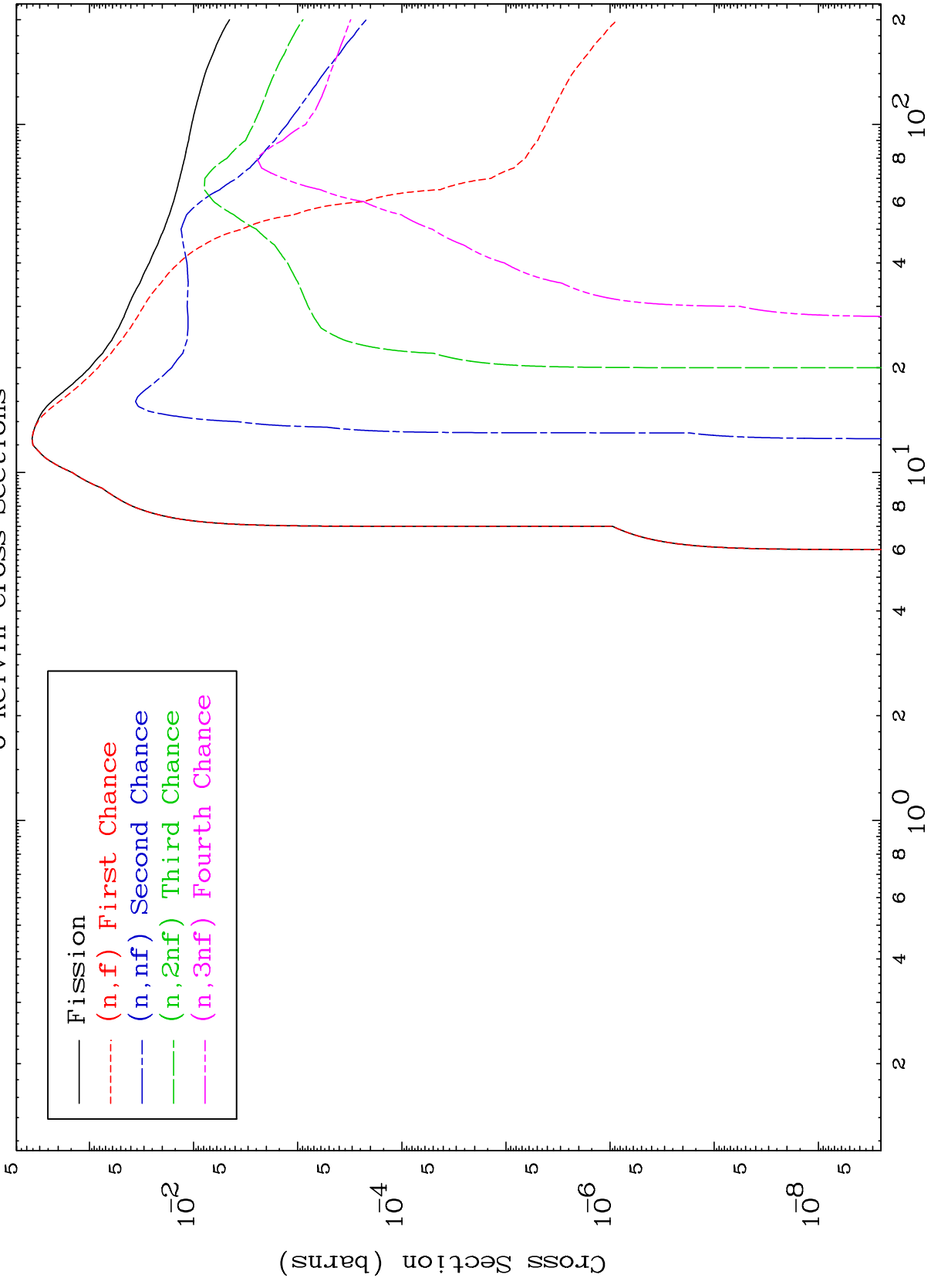
3

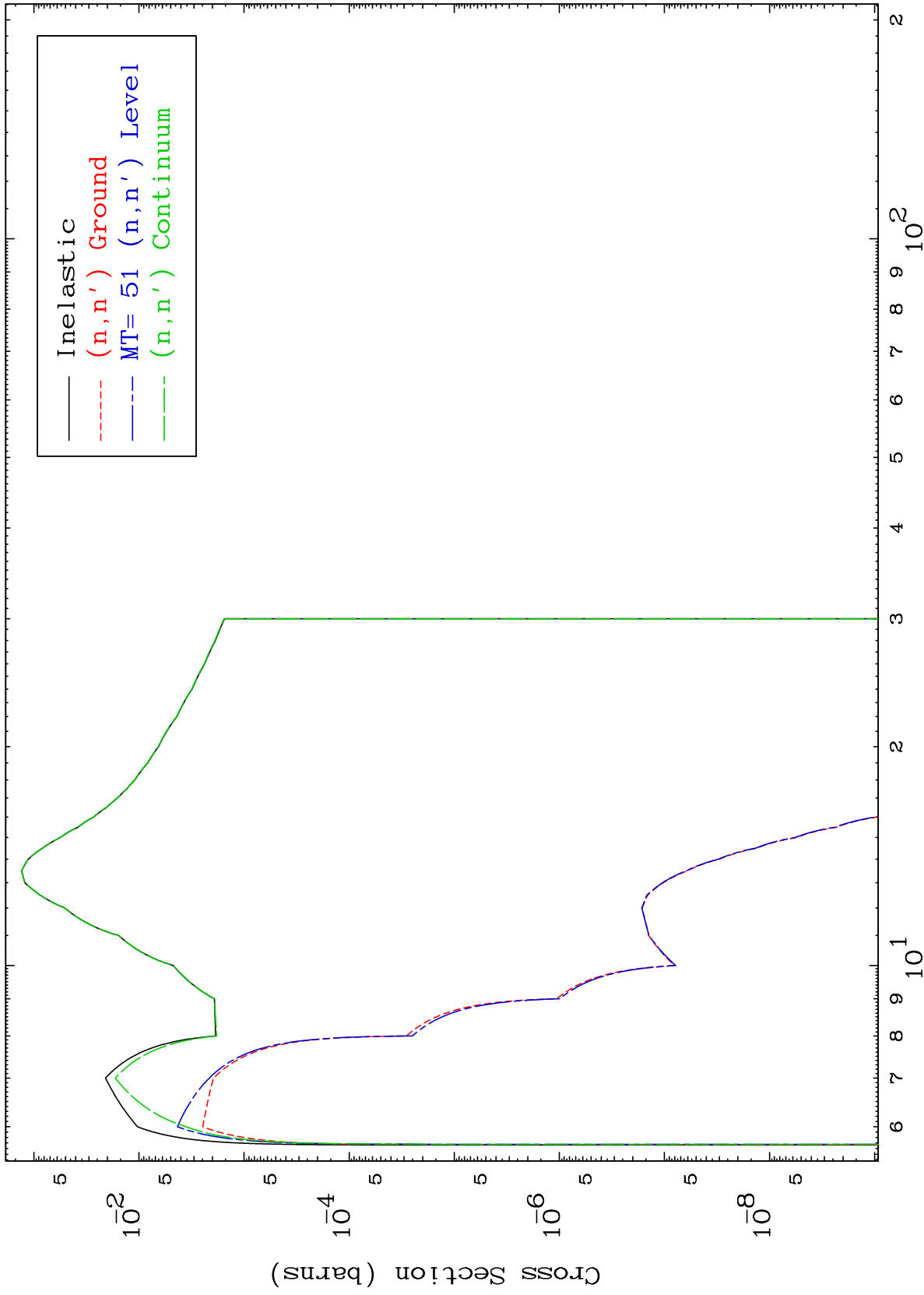
Incident Energy (MeV)

89-Ac-224





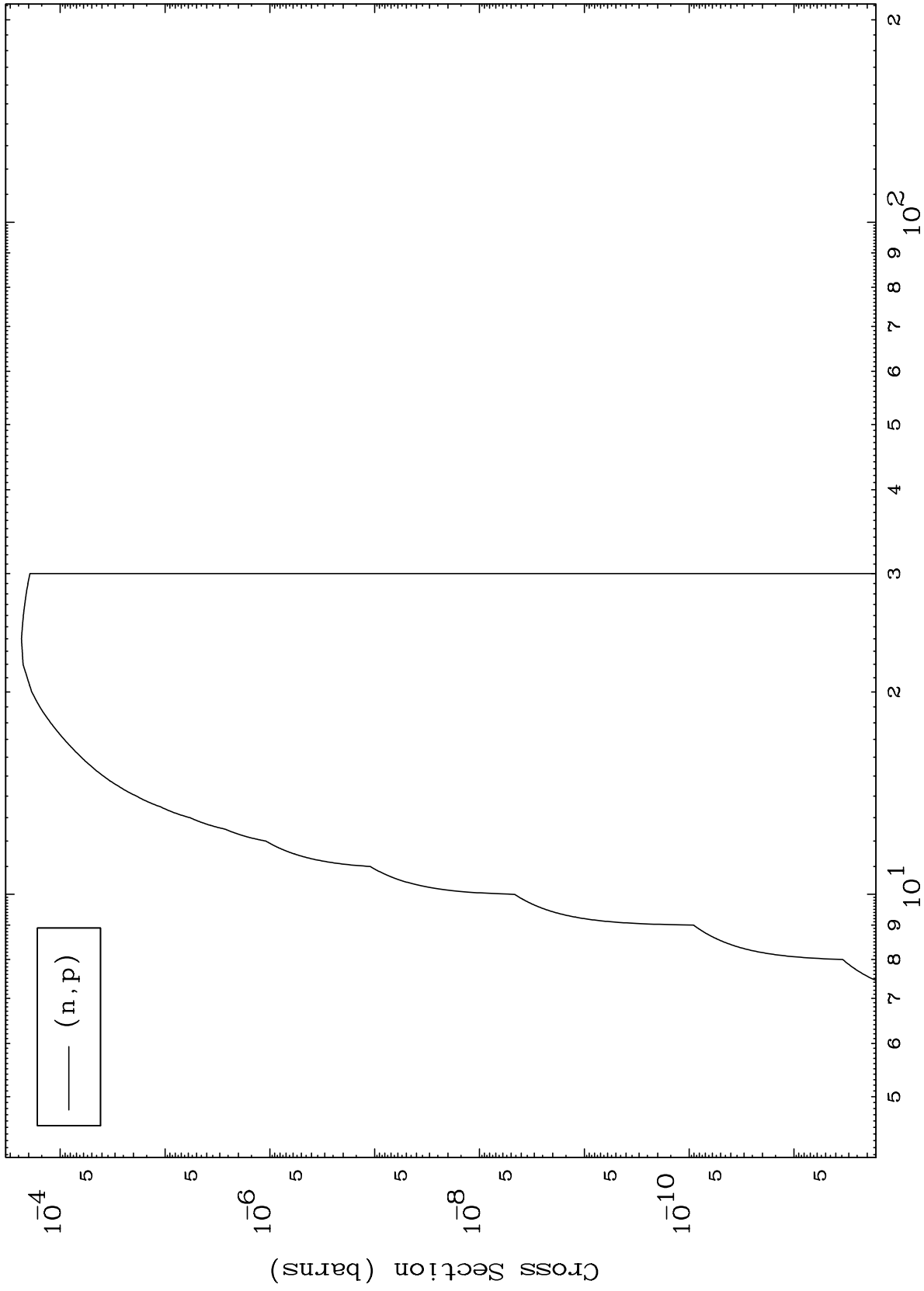




MAT 8922

89-Ac-224

(γ, p) Levels
0 Kelvin Cross Sections



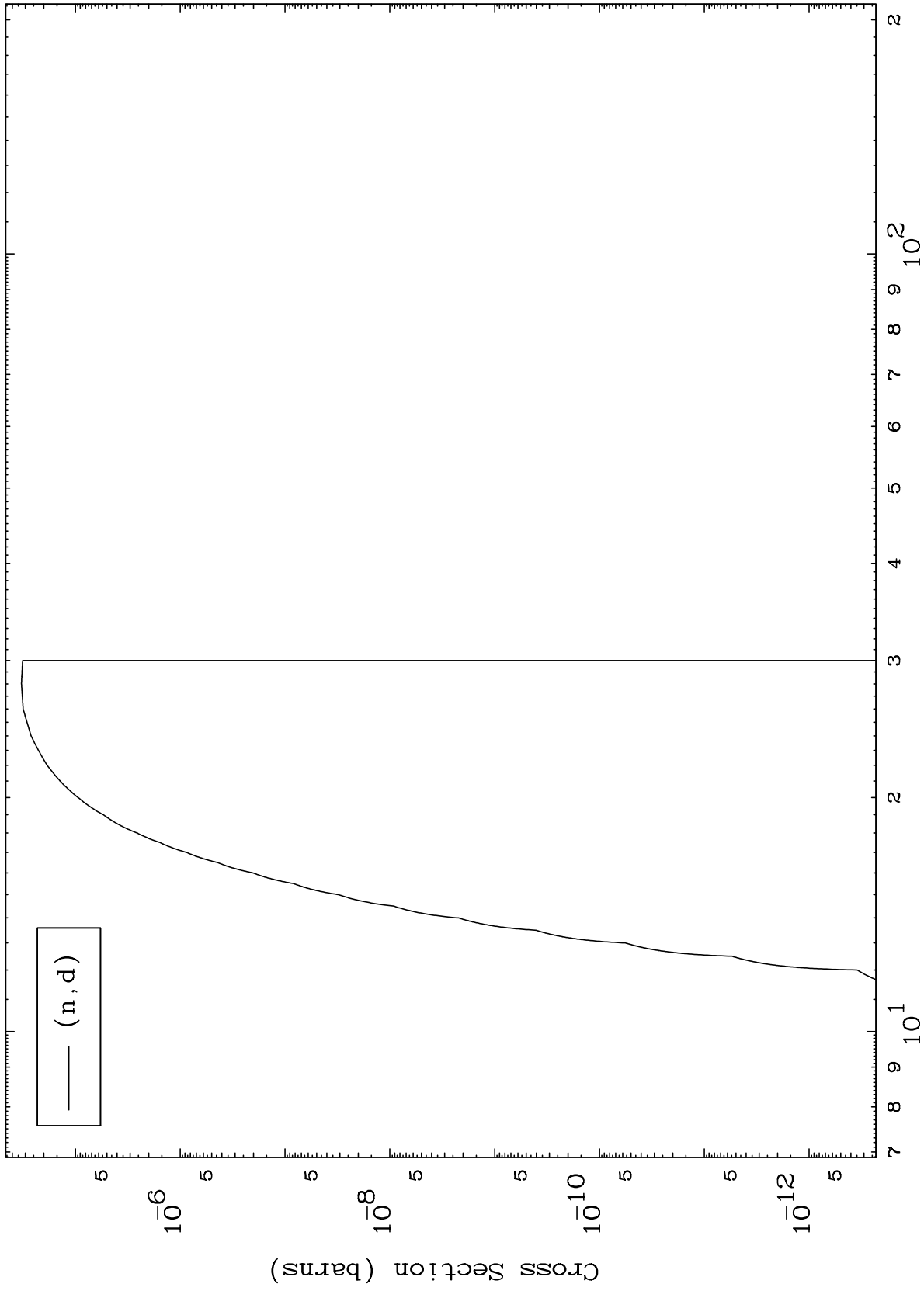
8

89-Ac-224

MAT 8922

(γ, d) Levels
0 Kelvin Cross Sections

89-Ac-224



9

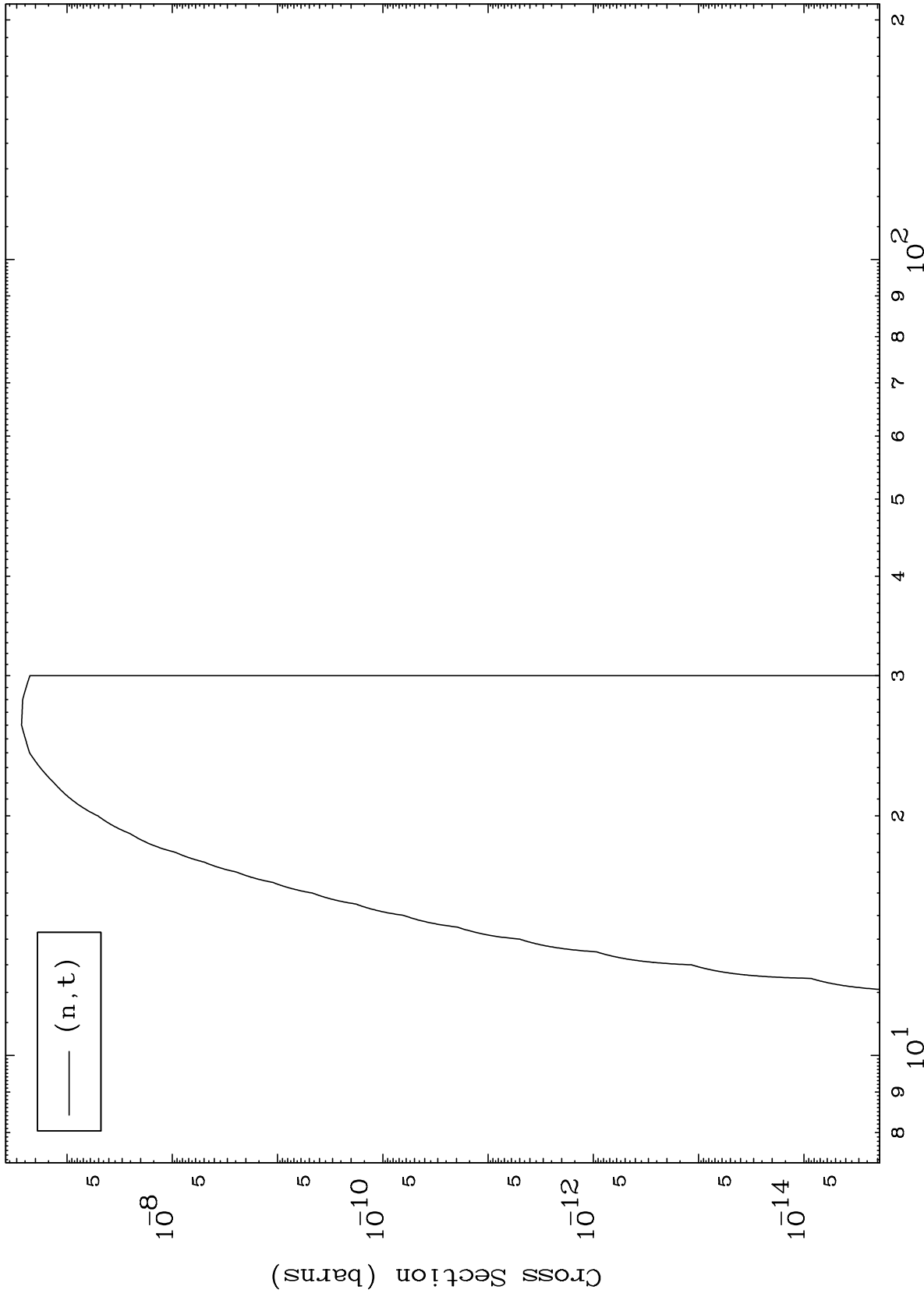
Incident Energy (MeV)

89-Ac-224

MAT 8922

(γ, t) Levels
0 Kelvin Cross Sections

89-Ac-224



10

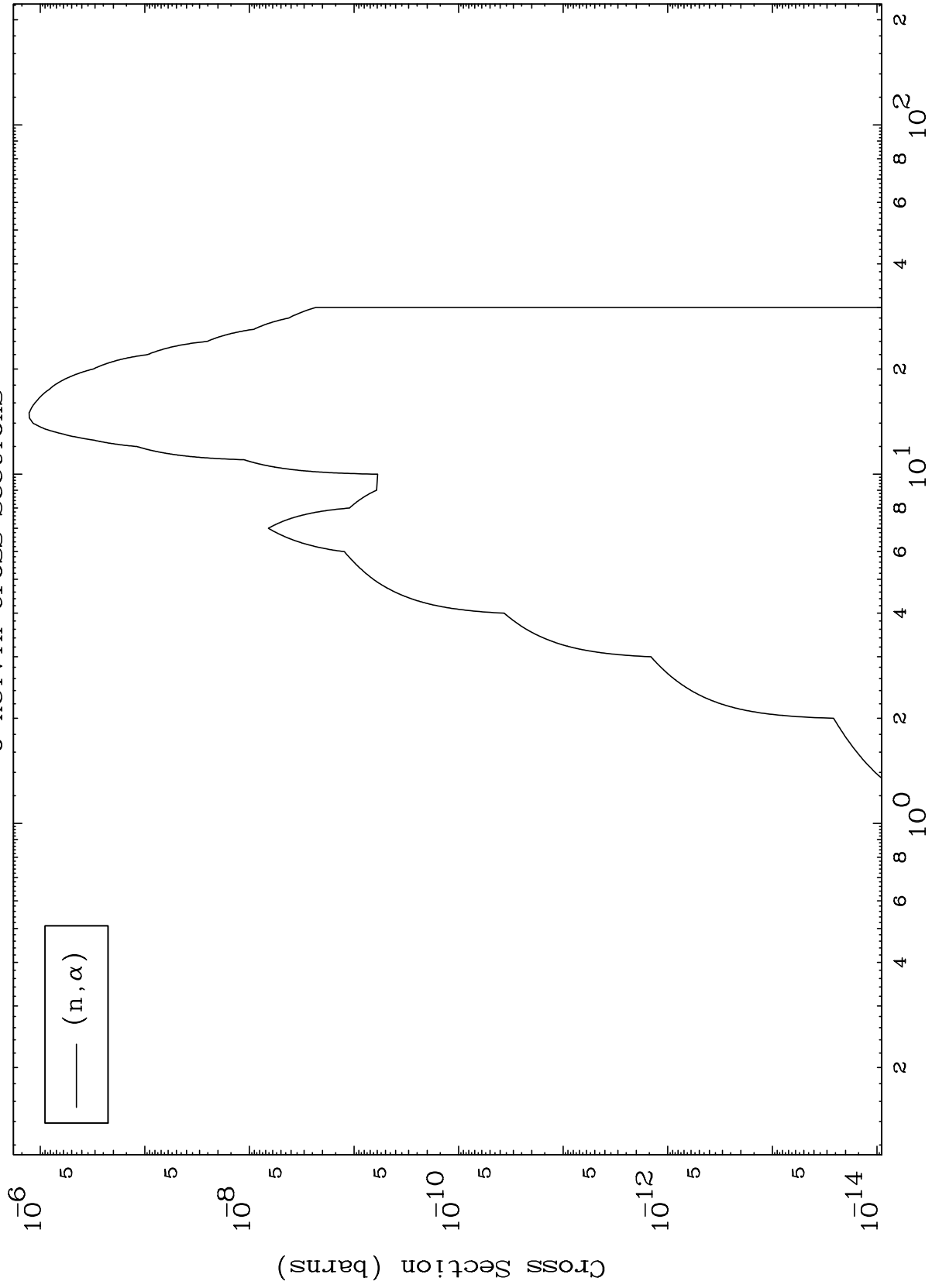
Incident Energy (MeV)

89-Ac-224

MAT 8922

89-Ac-224

(γ, α) Levels
0 Kelvin Cross Sections



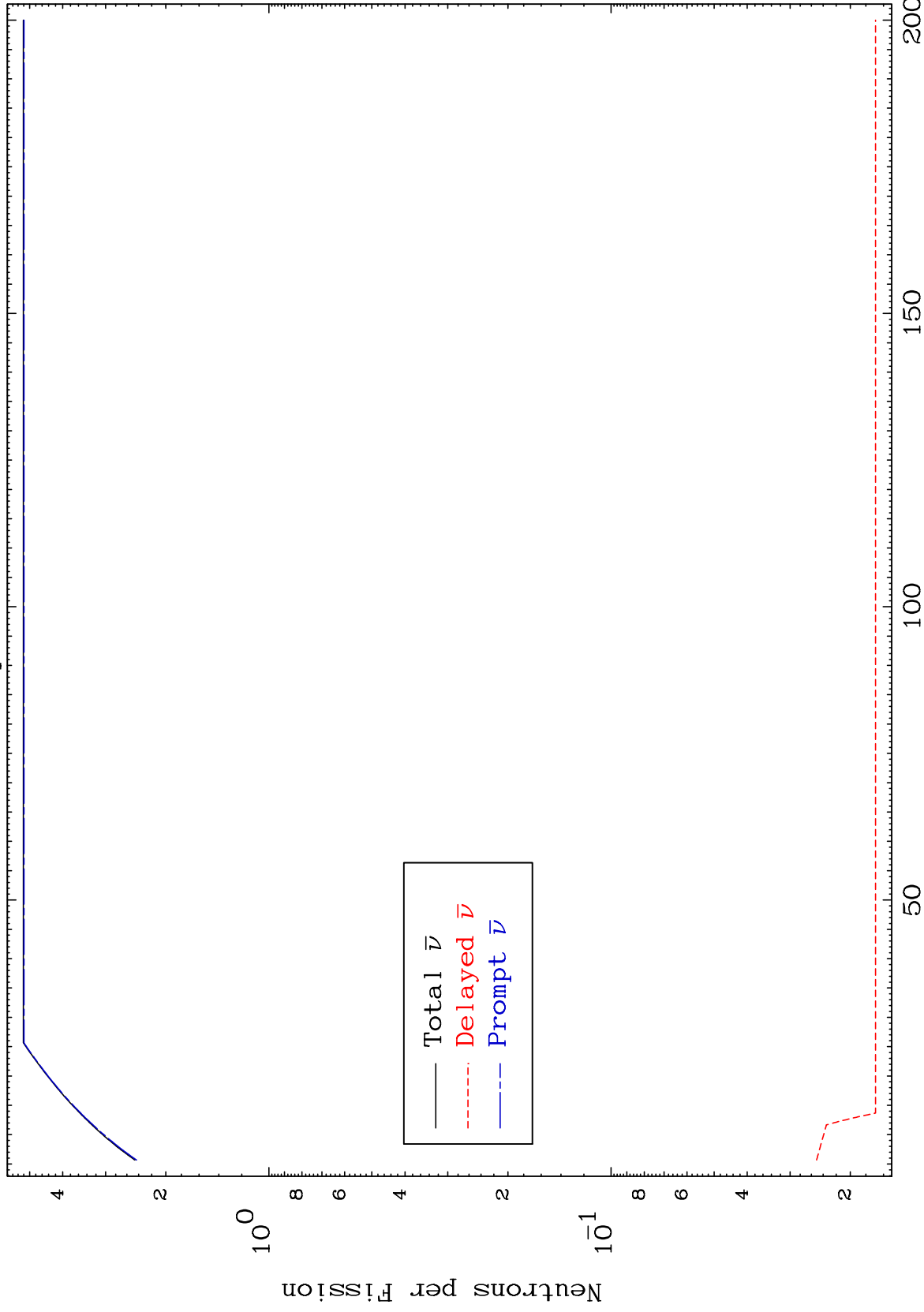
89-Ac-224

Incident Energy (MeV)

MAT 8922

Photon Neutrons
per Fission

89-Ac-224



12

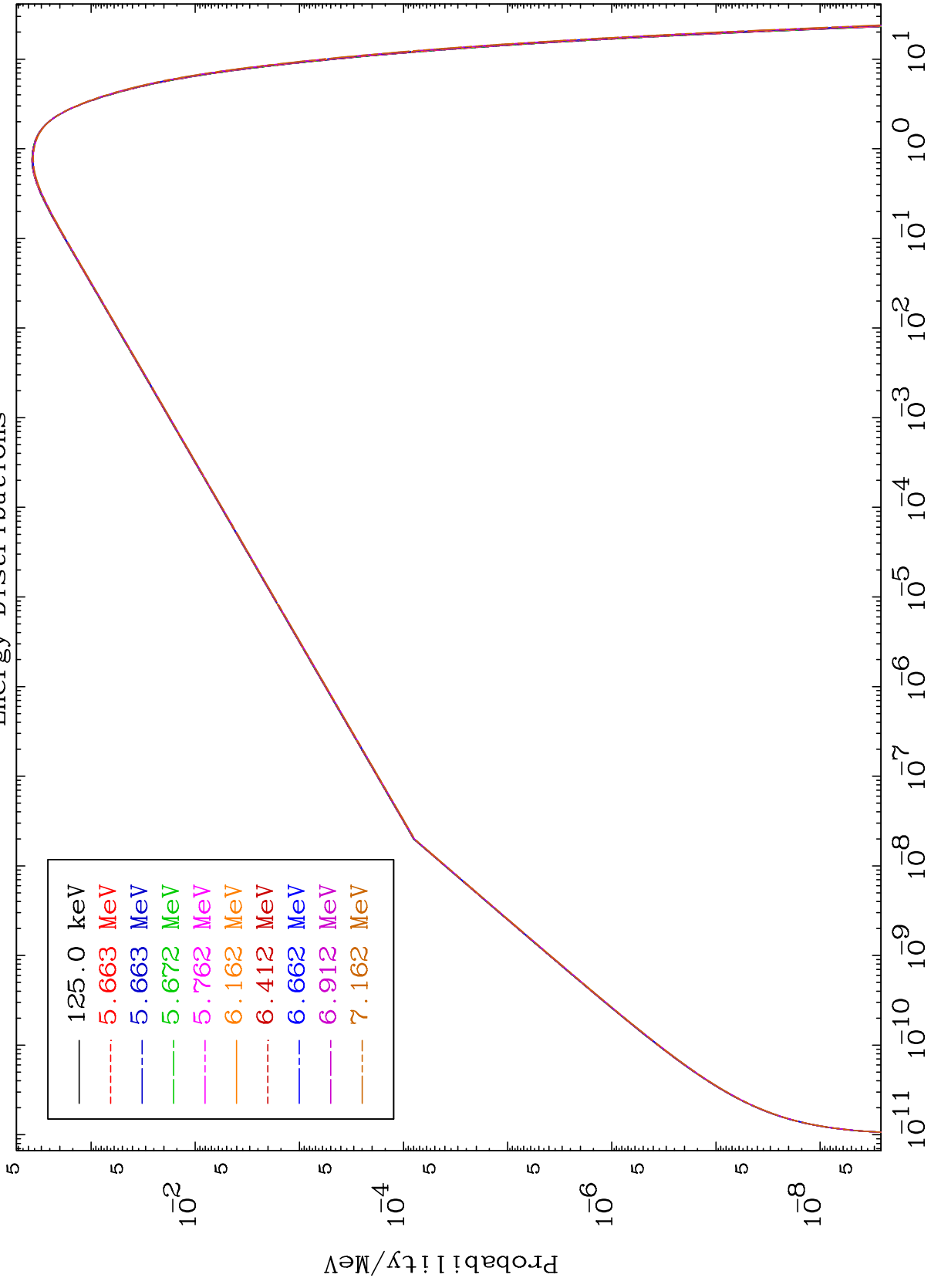
Incident Energy (MeV)

89-Ac-224

MAT 8922

Fission Energy Distributions

89-Ac-224



- 125.0 keV
- 5.663 MeV
- 5.663 MeV
- 5.672 MeV
- 5.762 MeV
- 6.162 MeV
- 6.412 MeV
- 6.662 MeV
- 6.912 MeV
- 7.162 MeV

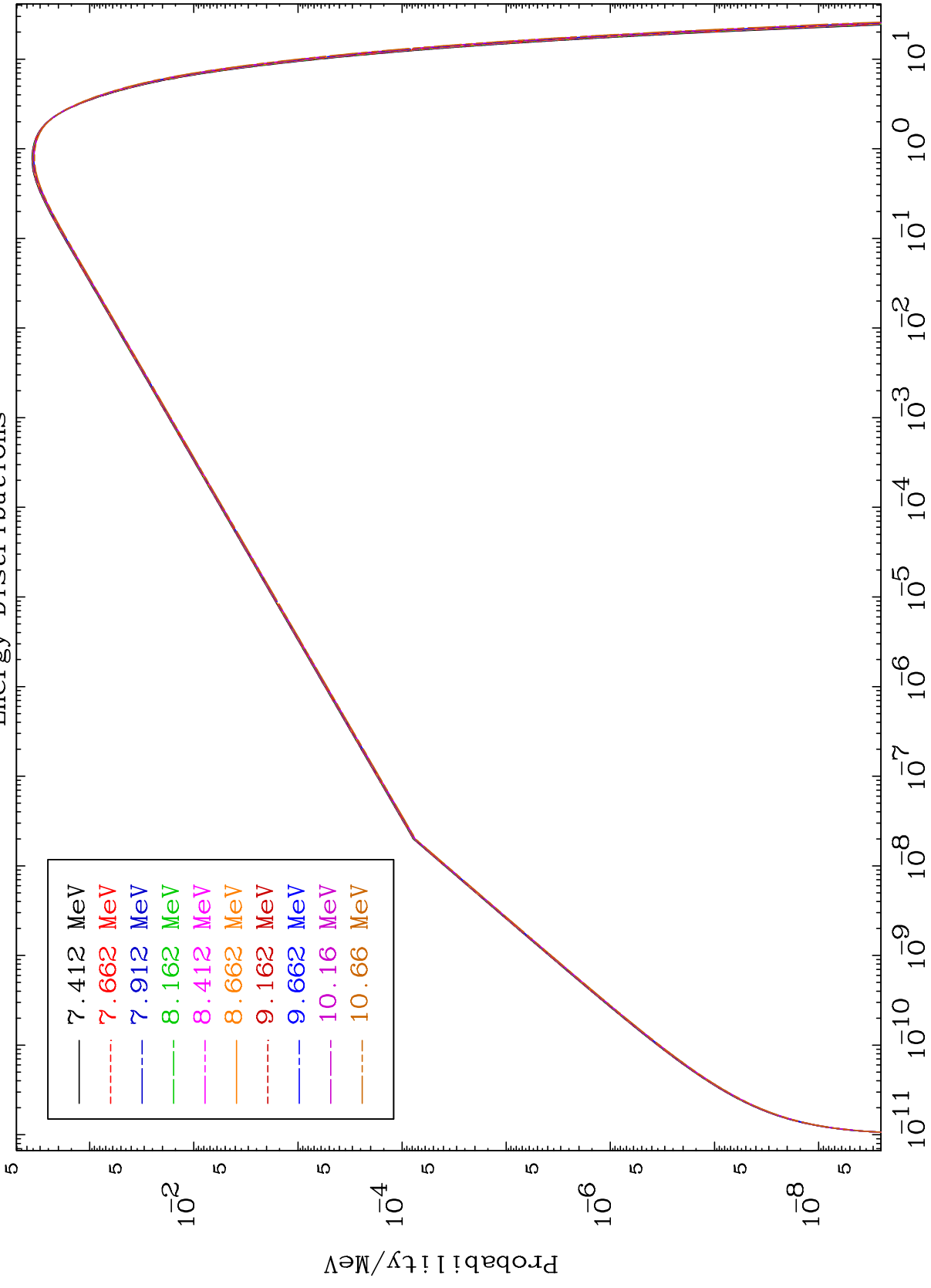
89-Ac-224

Secondary Energy (MeV)

MAT 8922

Fission Energy Distributions

89-Ac-224



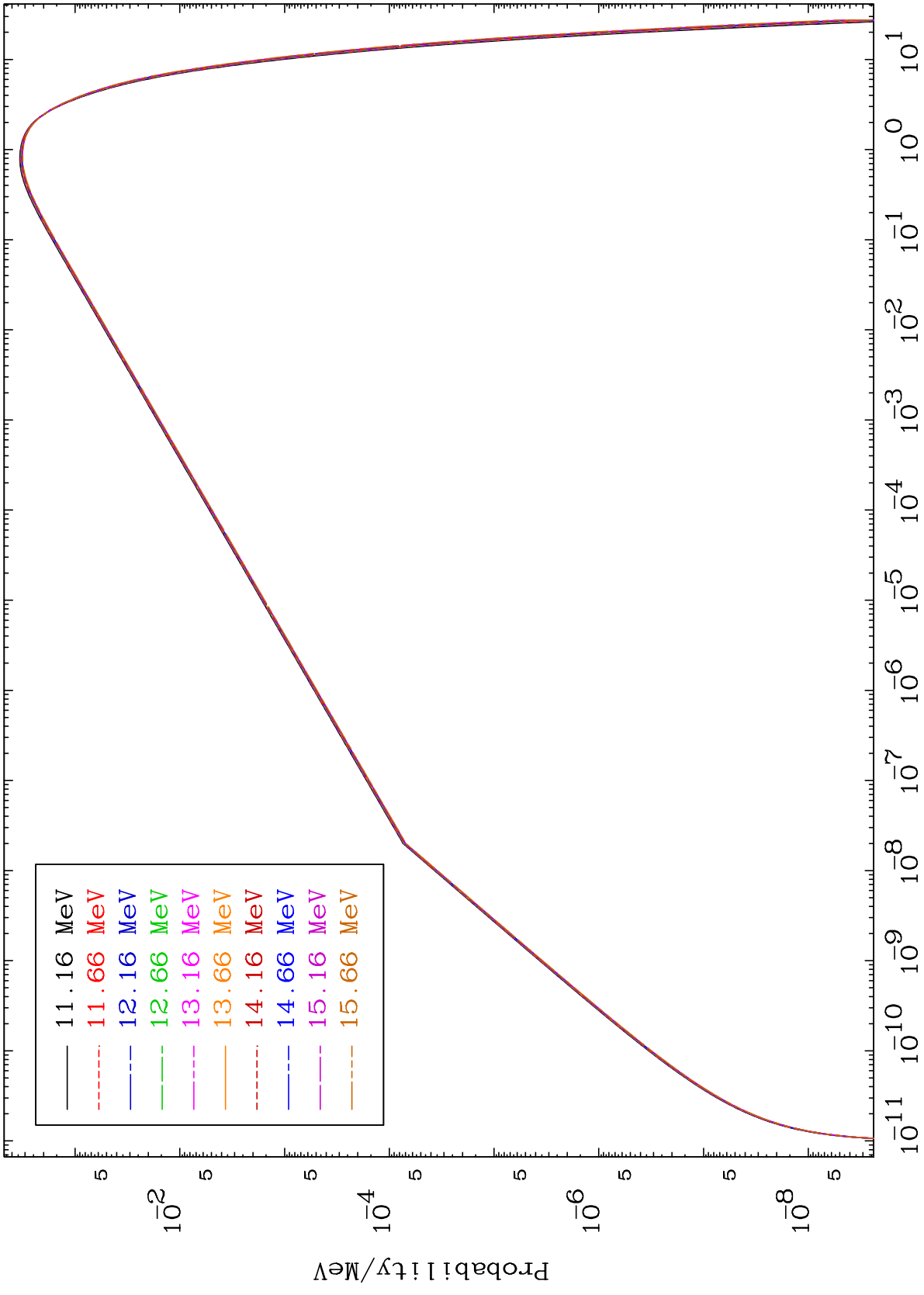
89-Ac-224

Secondary Energy (MeV)

MAT 8922

Fission Energy Distributions

89-Ac-224



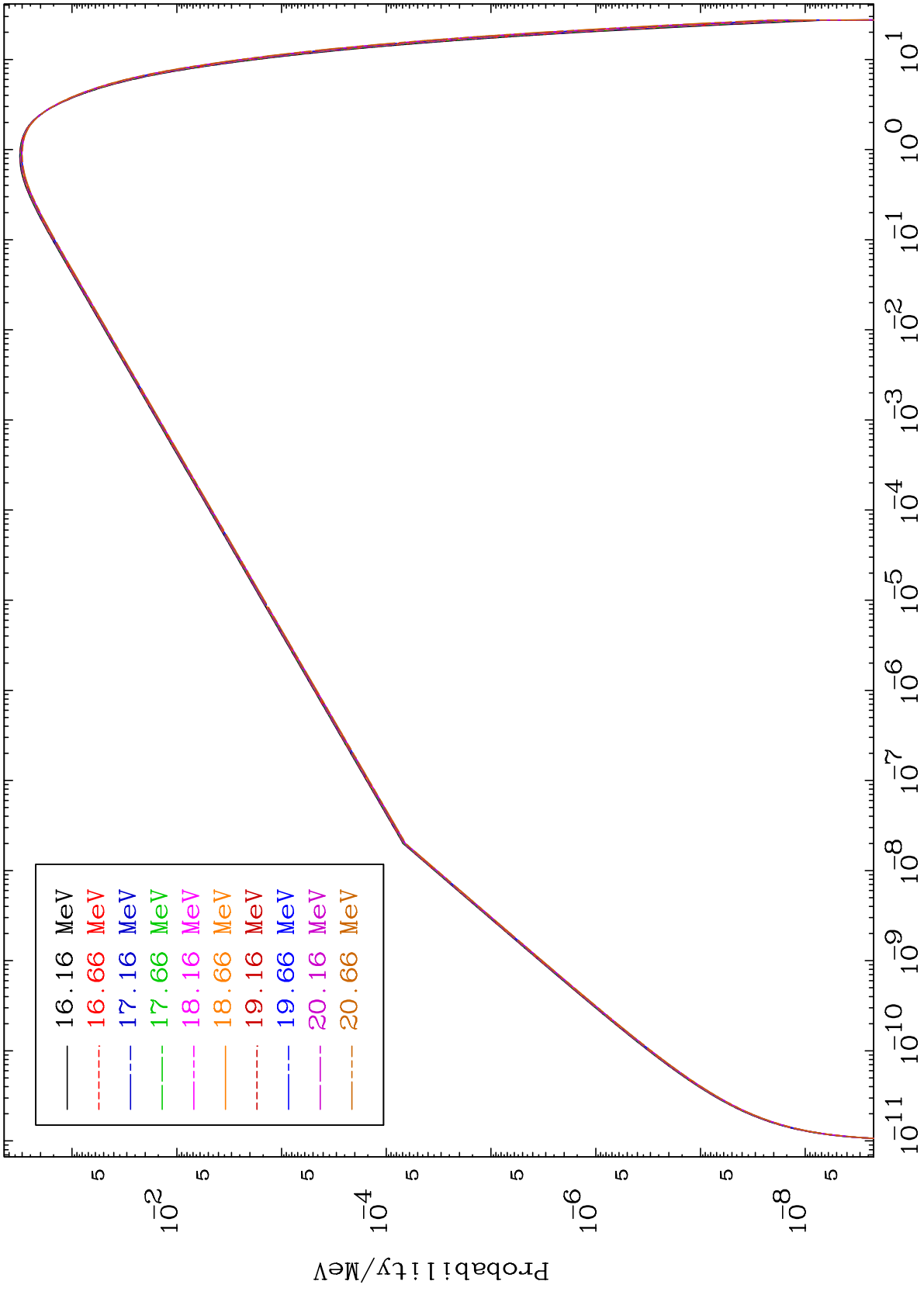
89-Ac-224

Secondary Energy (MeV)

MAT 8922

Fission Energy Distributions

89-Ac-224



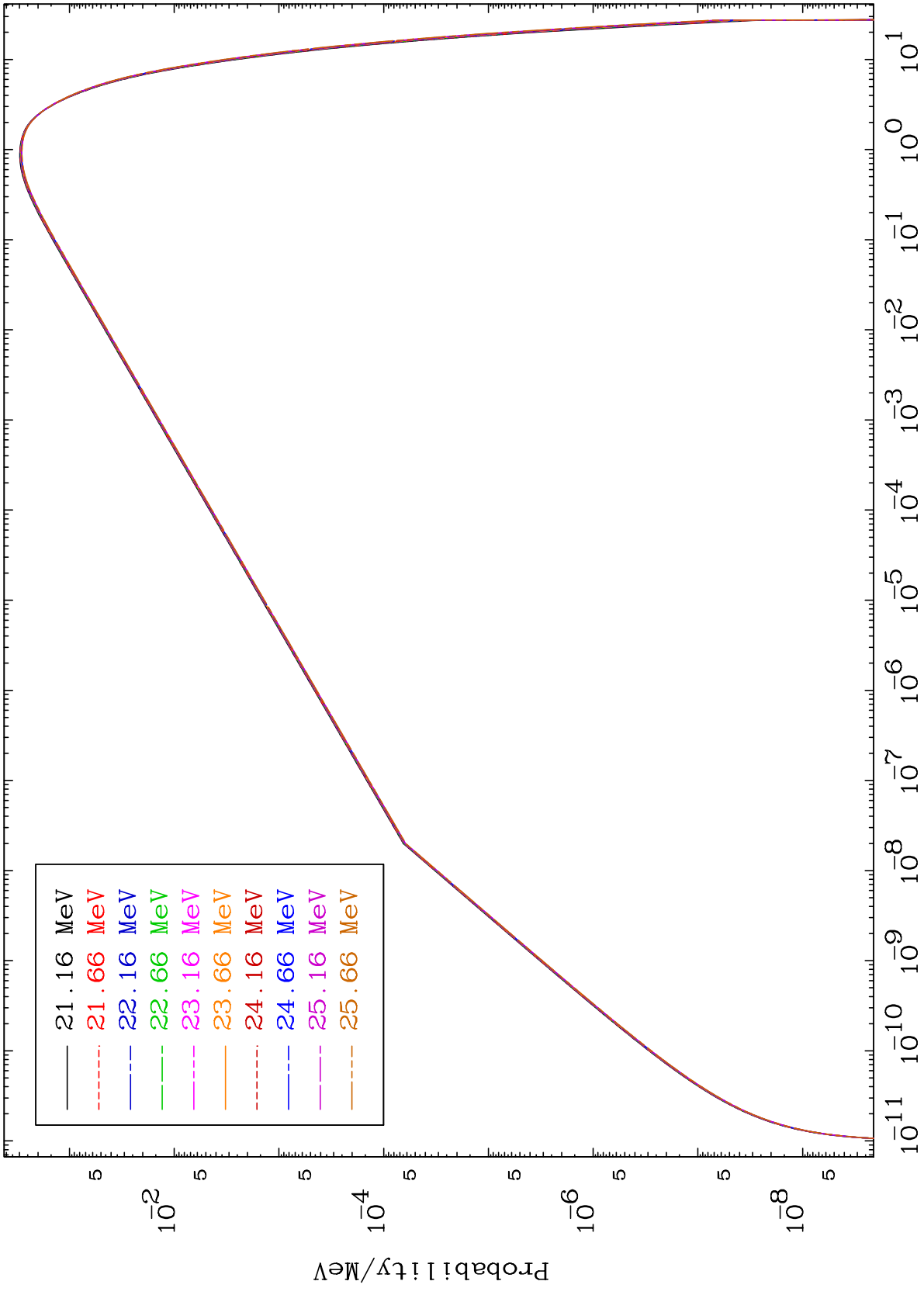
89-Ac-224

Secondary Energy (MeV)

MAT 8922

Fission Energy Distributions

89-Ac-224

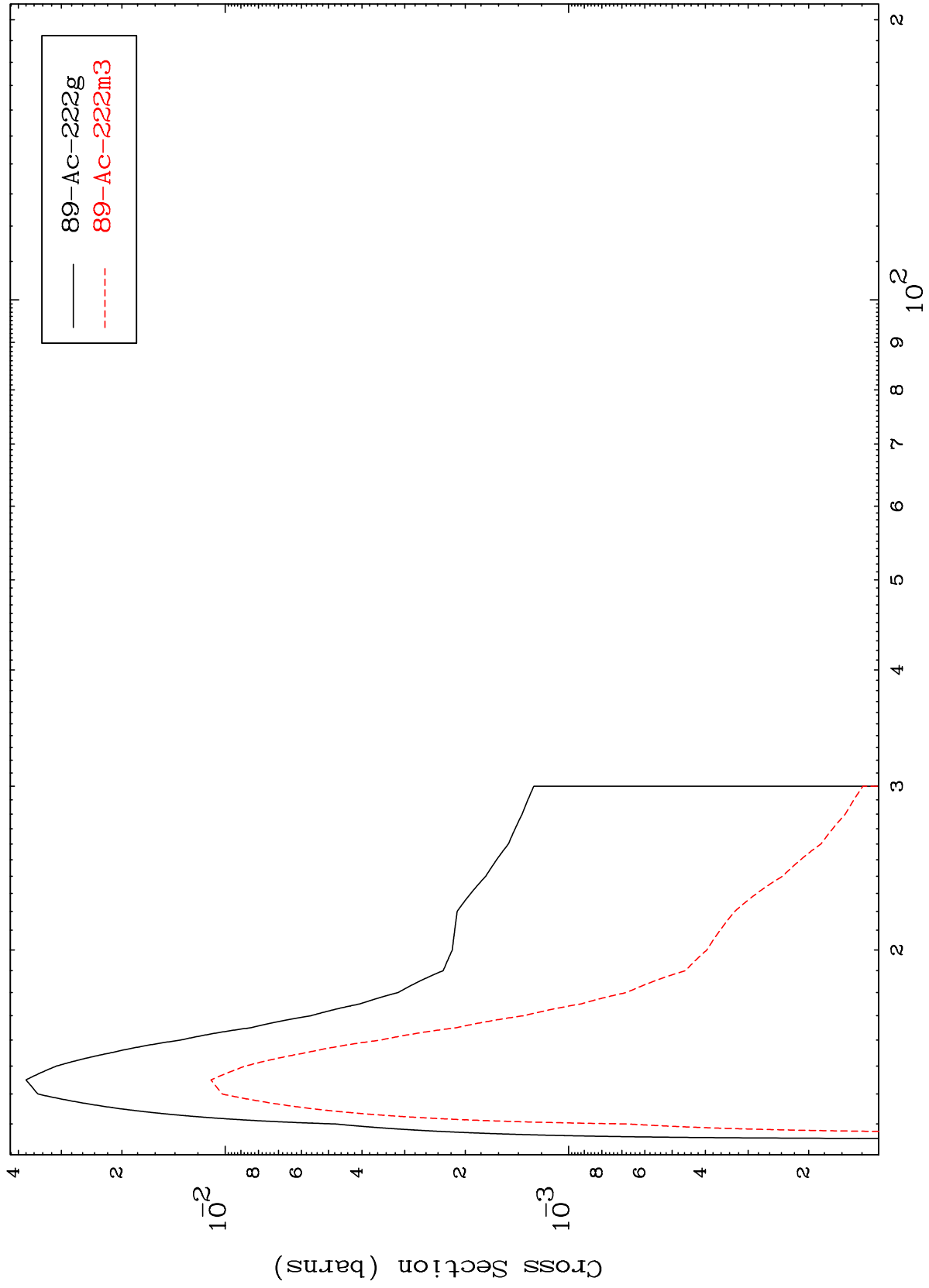


89-Ac-224

MAT 8922

89-Ac-224

(n,2n)
Radionuclide Production Cross Section



18

89-Ac-224