

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

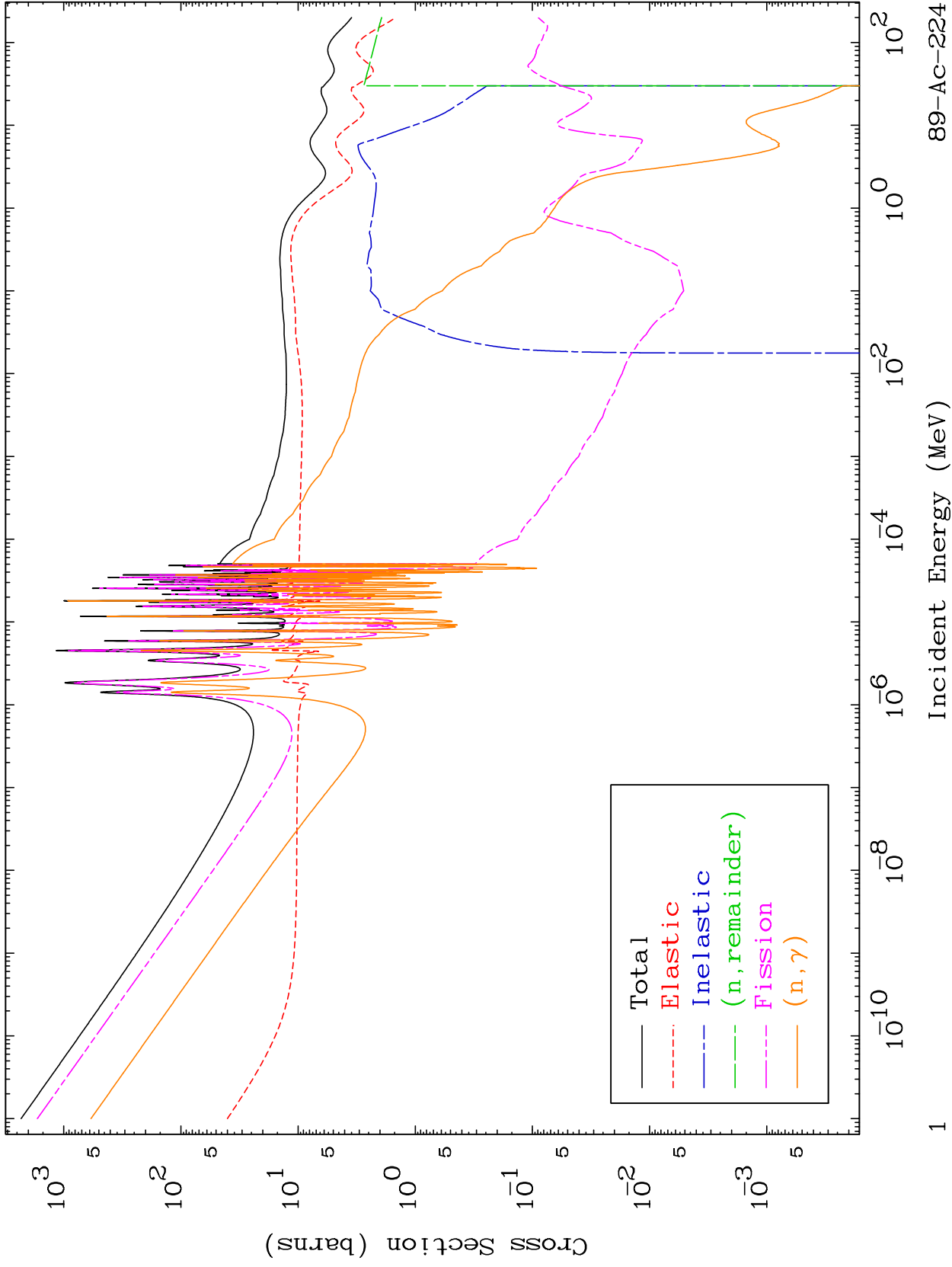
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8922

Major
293 Kelvin Cross Sections

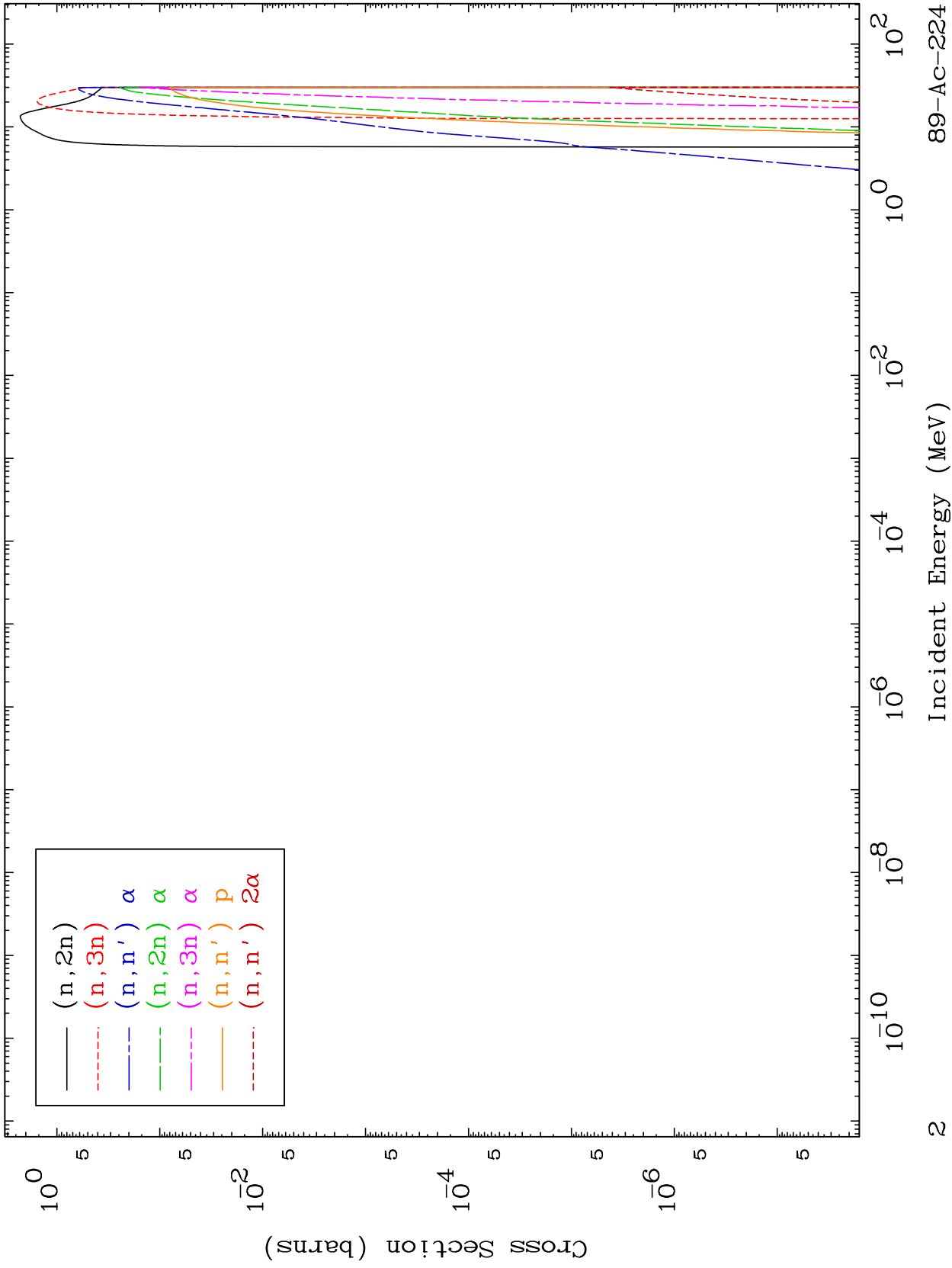
89-Ac-224



MAT 8922

Neutron Production
293 Kelvin Cross Sections

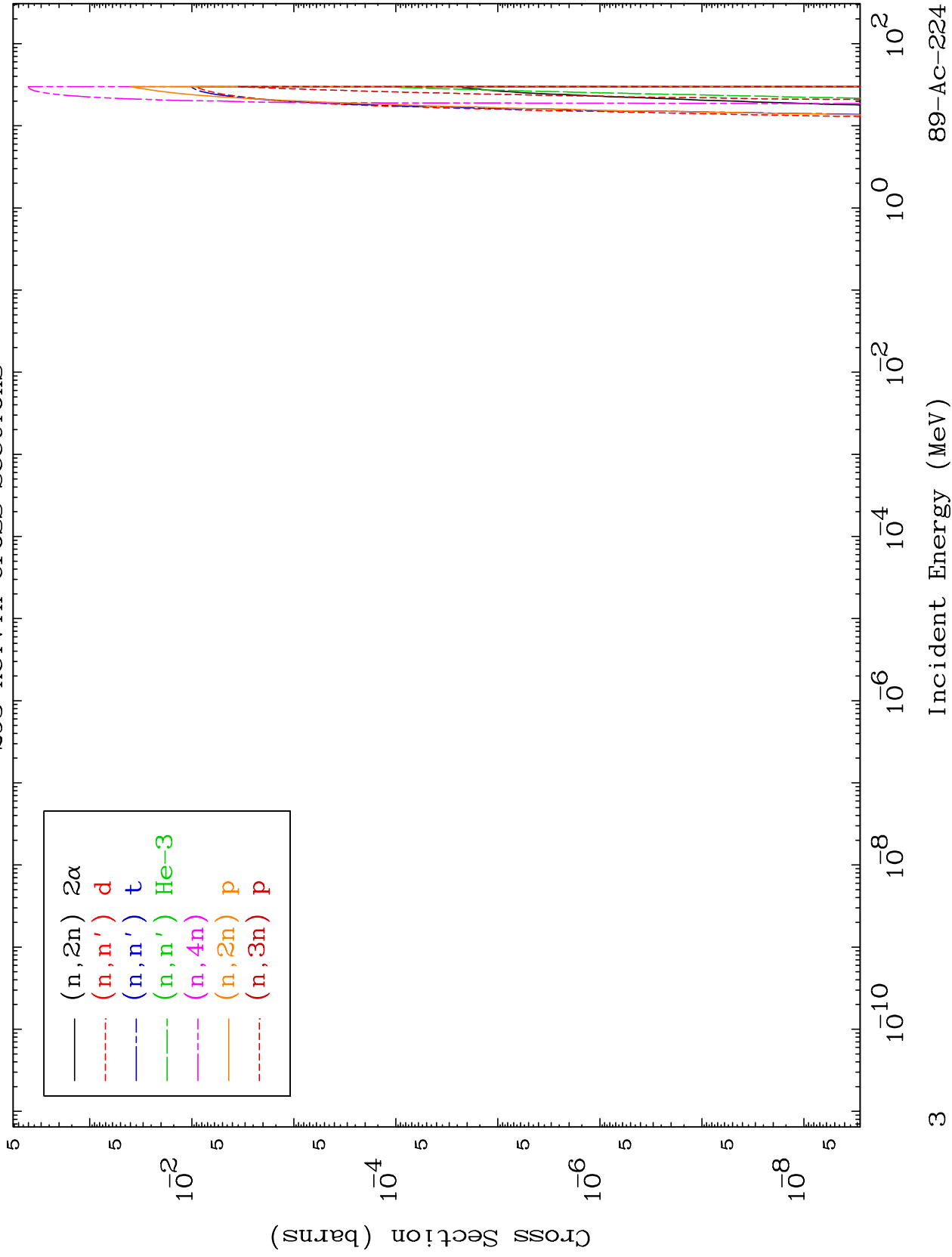
89-Ac-224



MAT 8922

Neutron Production
293 Kelvin Cross Sections

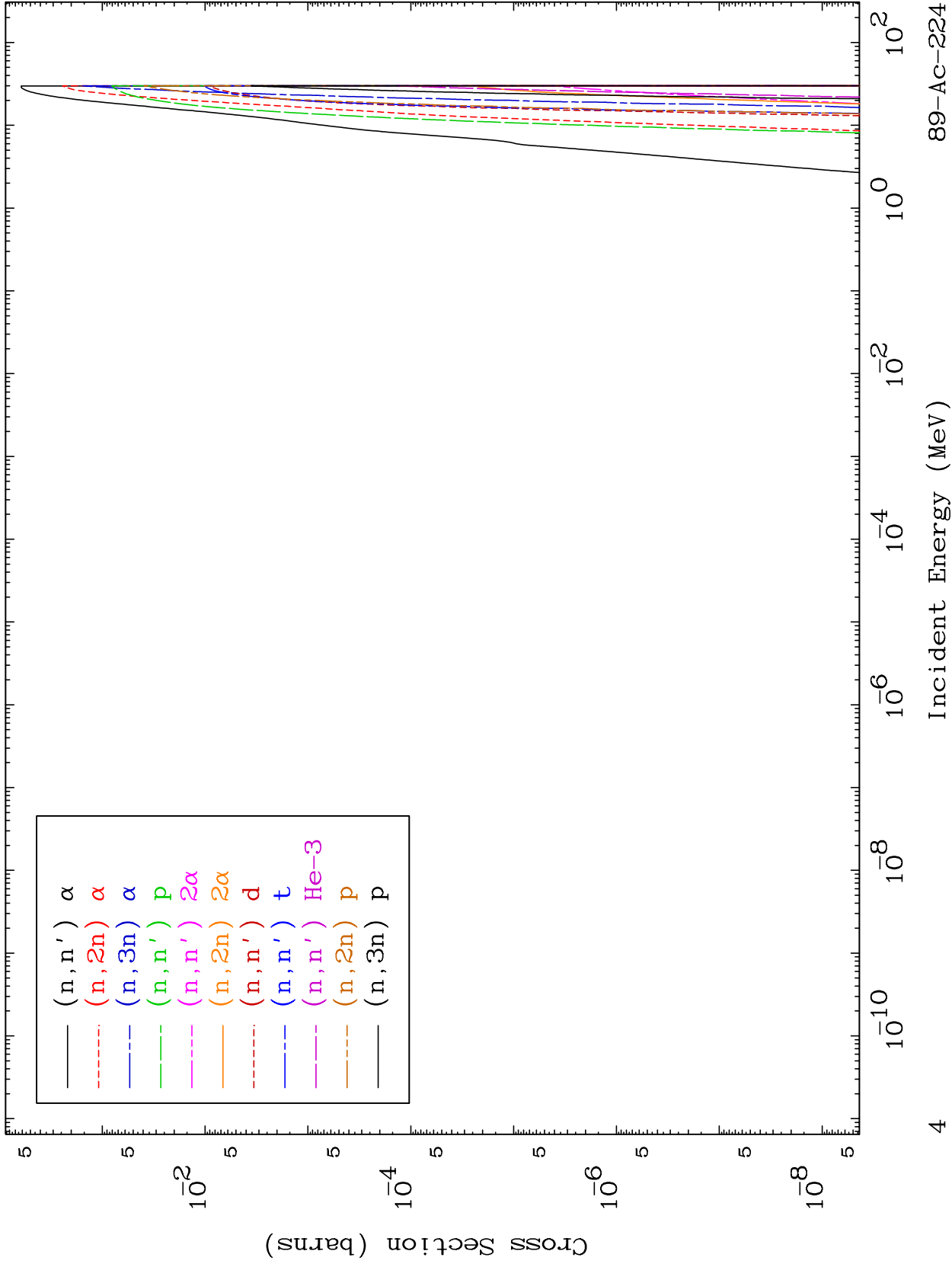
89-Ac-224



MAT 8922

Charged Particle
293 Kelvin Cross Sections

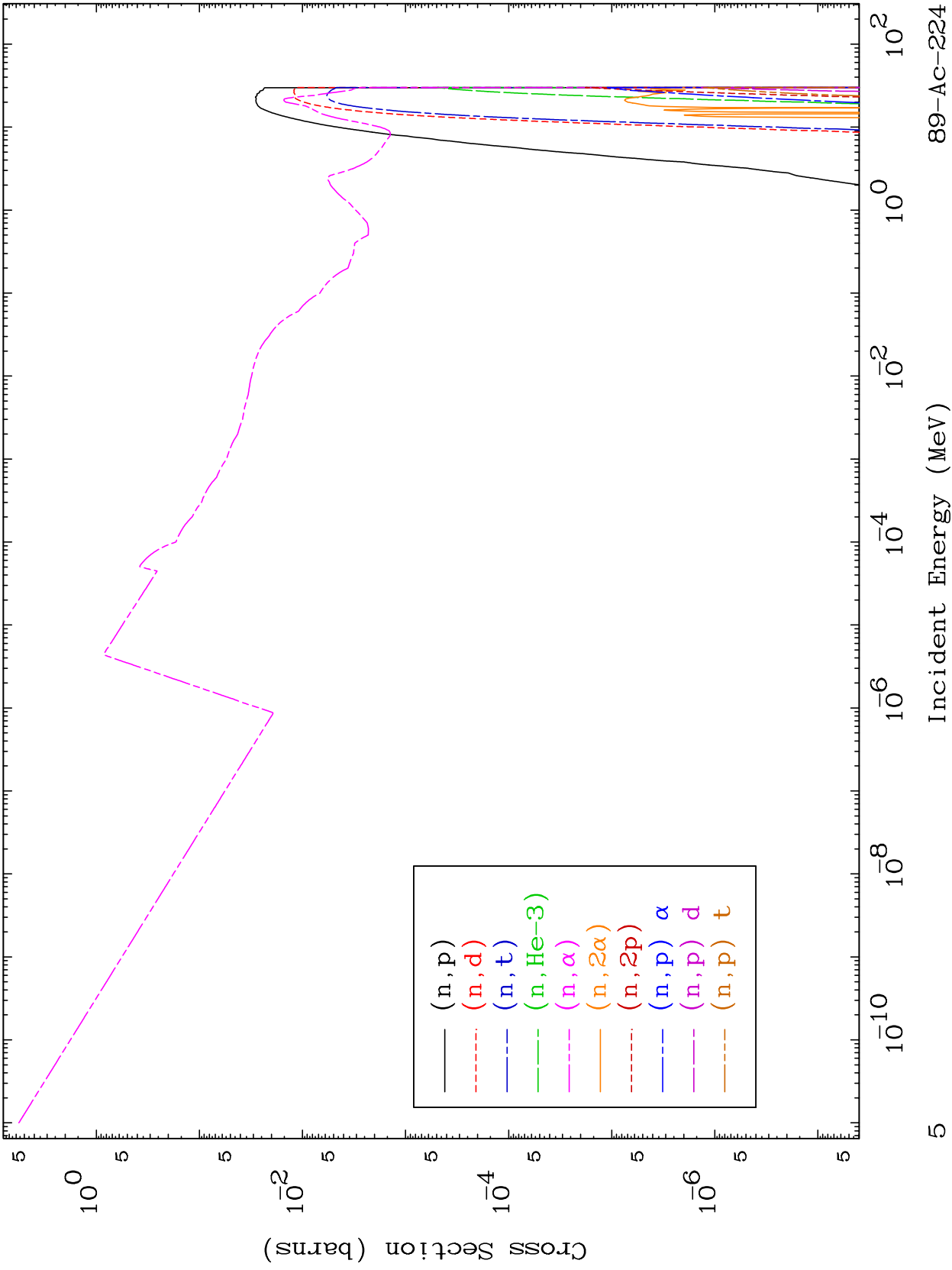
89-Ac-224



MAT 8922

Charged Particle
293 Kelvin Cross Sections

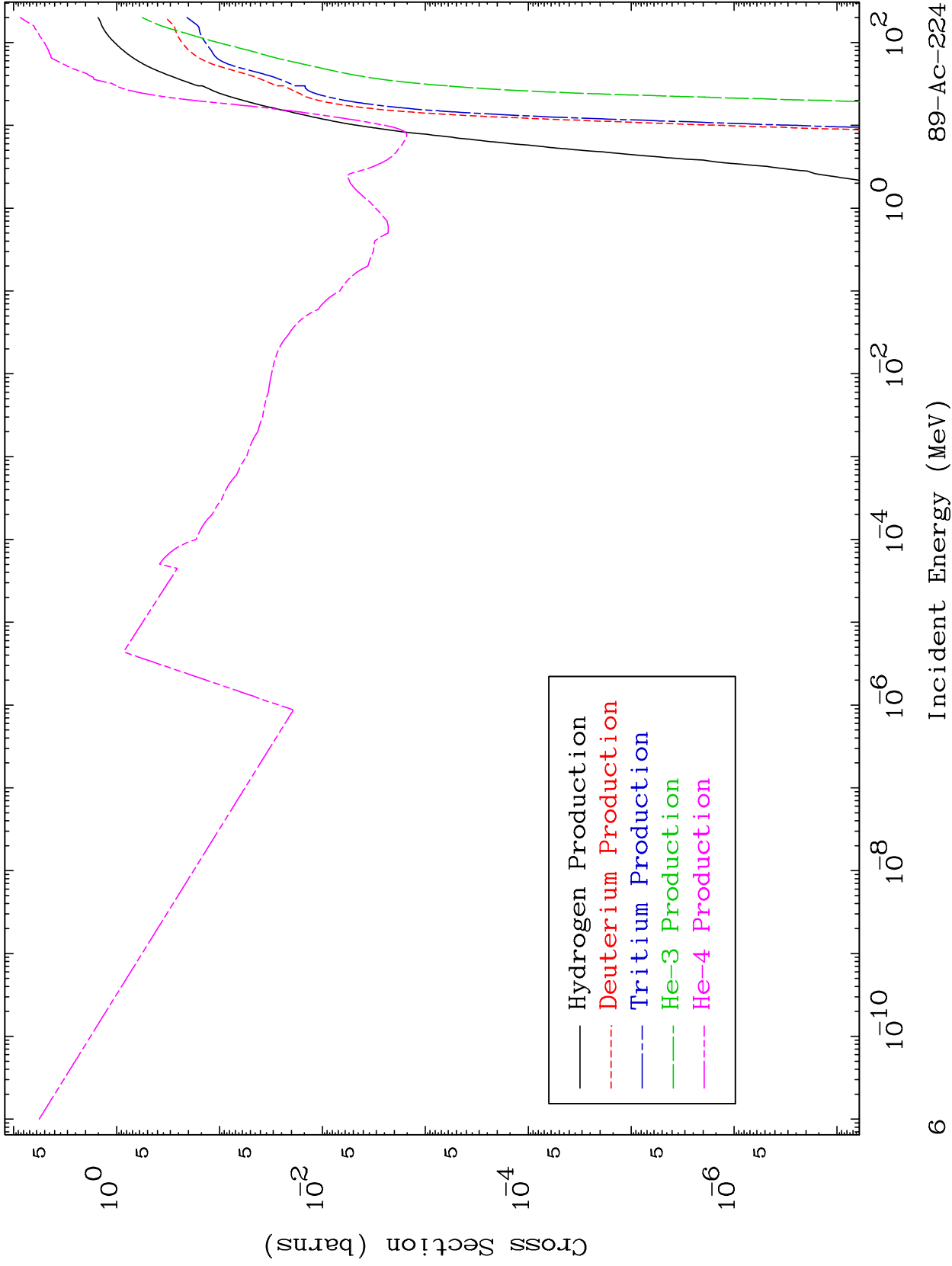
89-Ac-224



MAT 8922

Particle Production
293 Kelvin Cross Sections

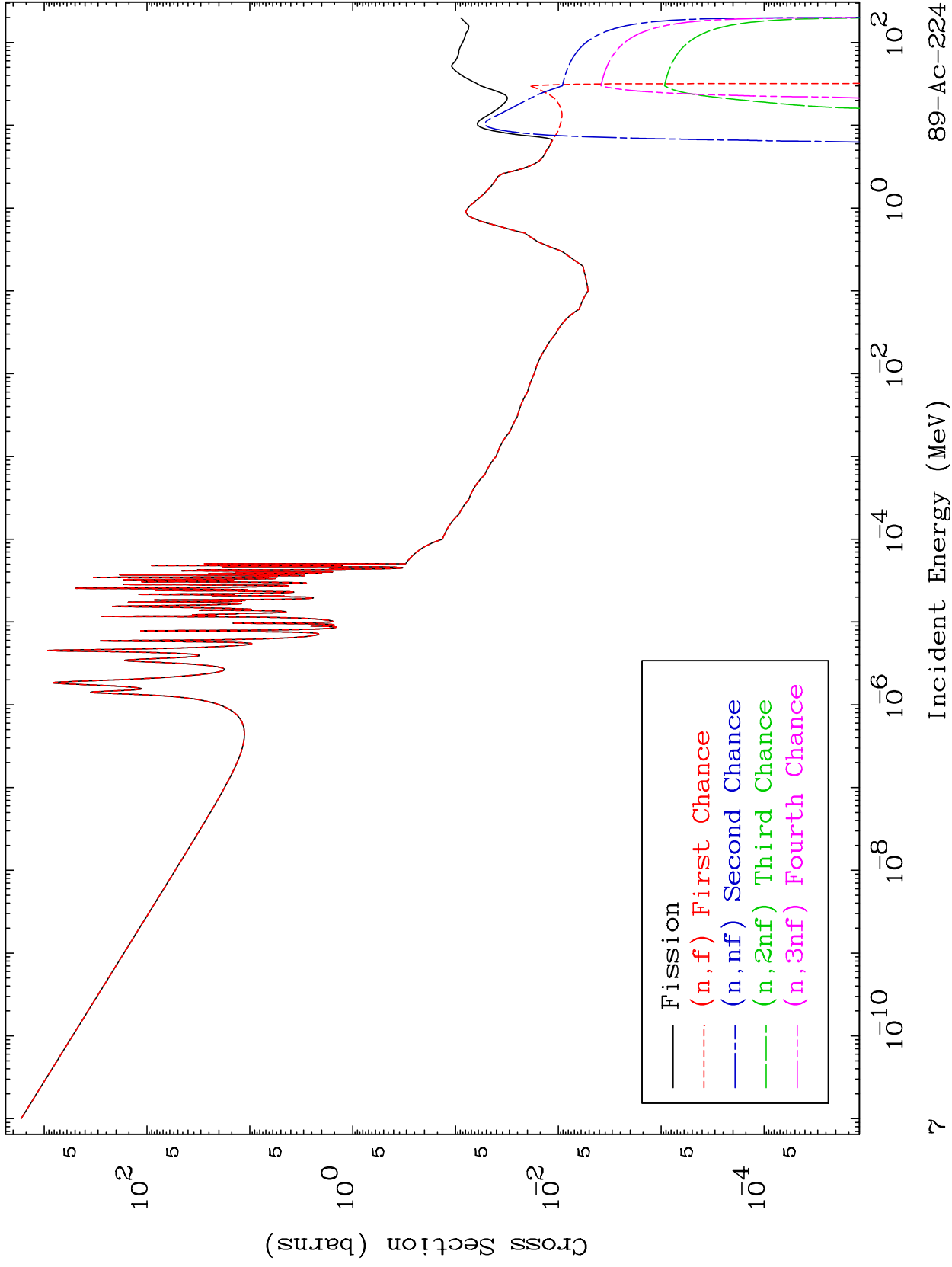
89-Ac-224



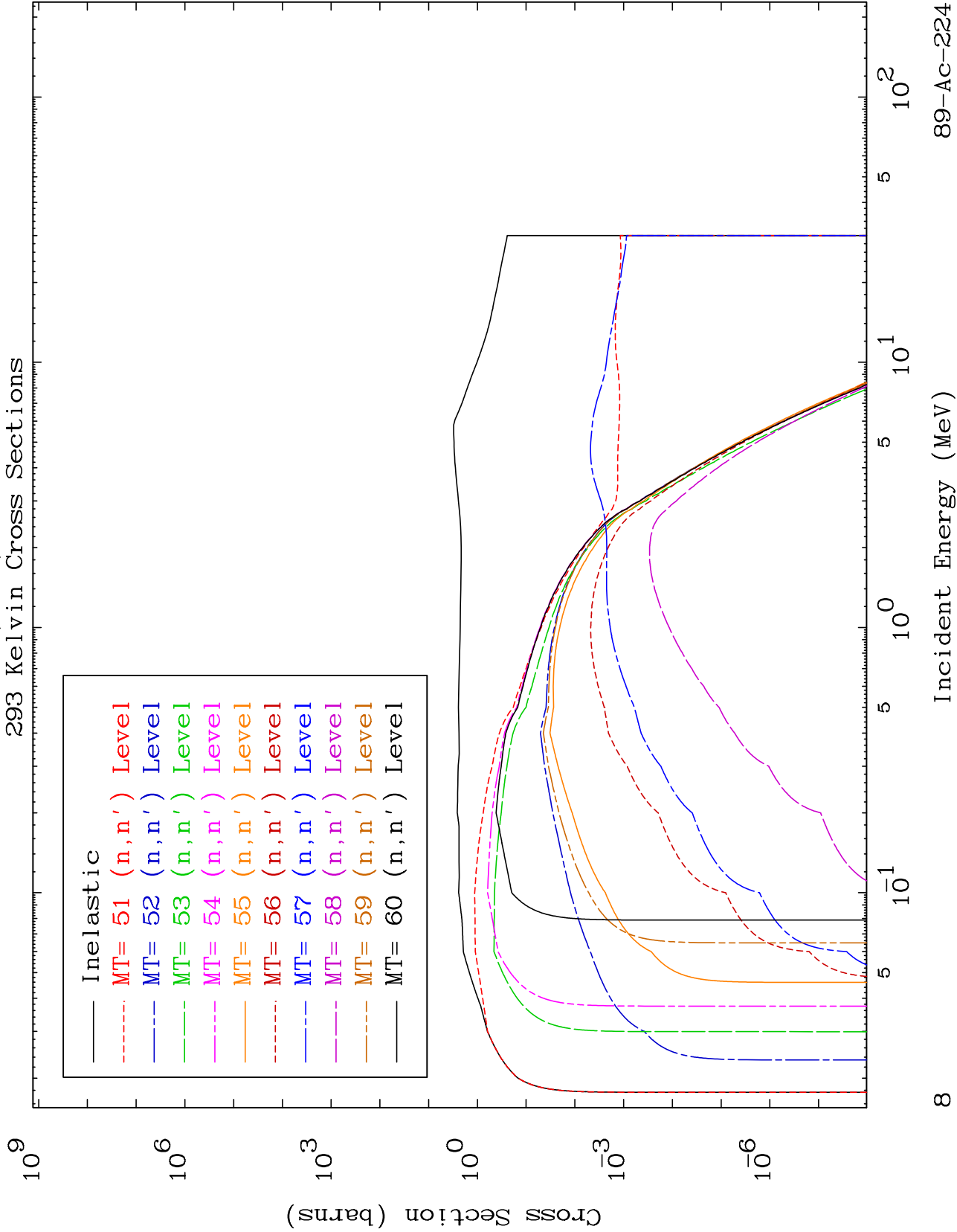
MAT 8922

Fission
293 Kelvin Cross Sections

89-Ac-224



89-Ac-224

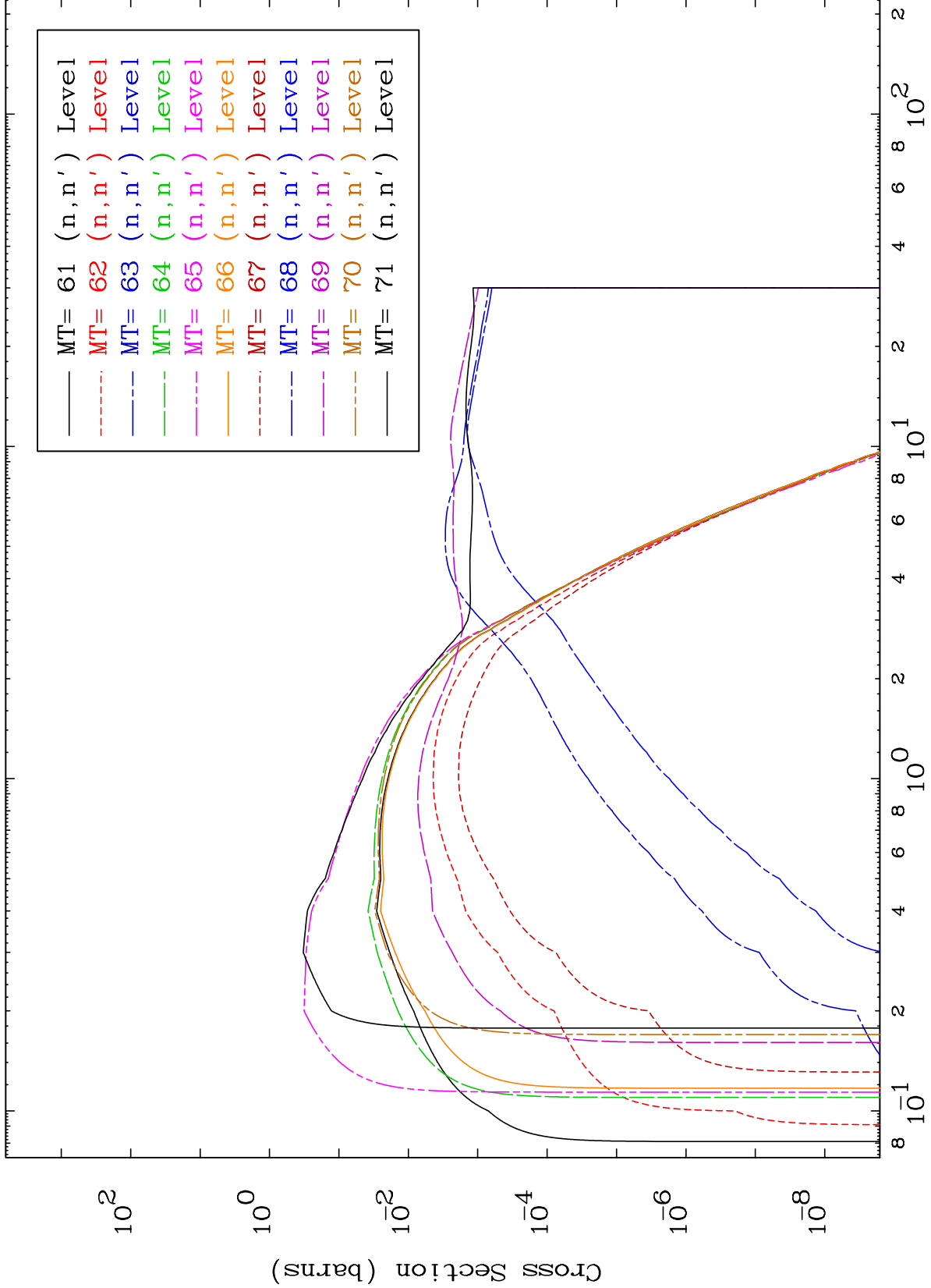


MAT 8922

(n,n') Level

293 Kelvin Cross Sections

89-Ac-224



9

Incident Energy (MeV)

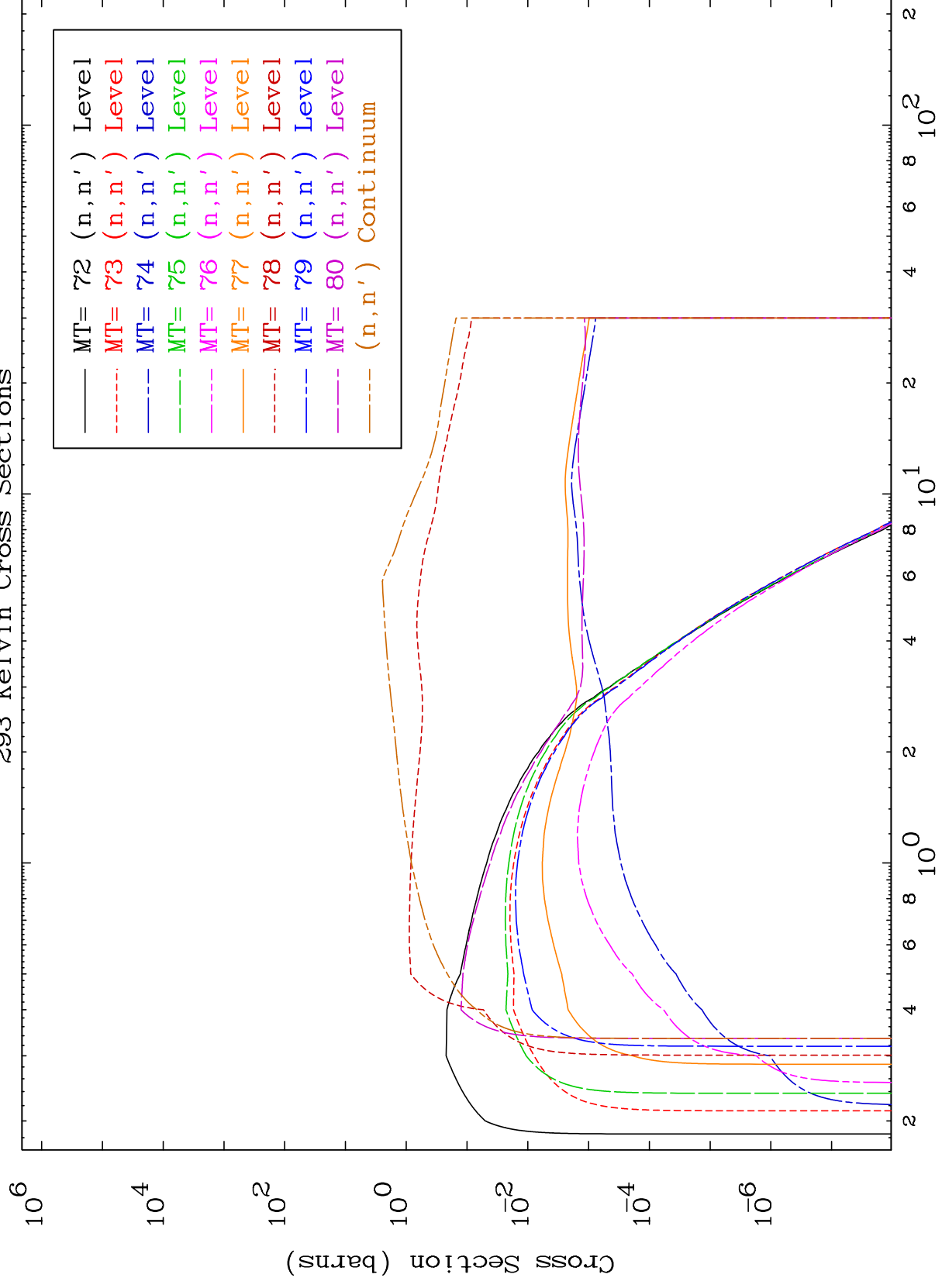
89-Ac-224

MAT 8922

(n,n') Level

293 Kelvin Cross Sections

89-Ac-224



10

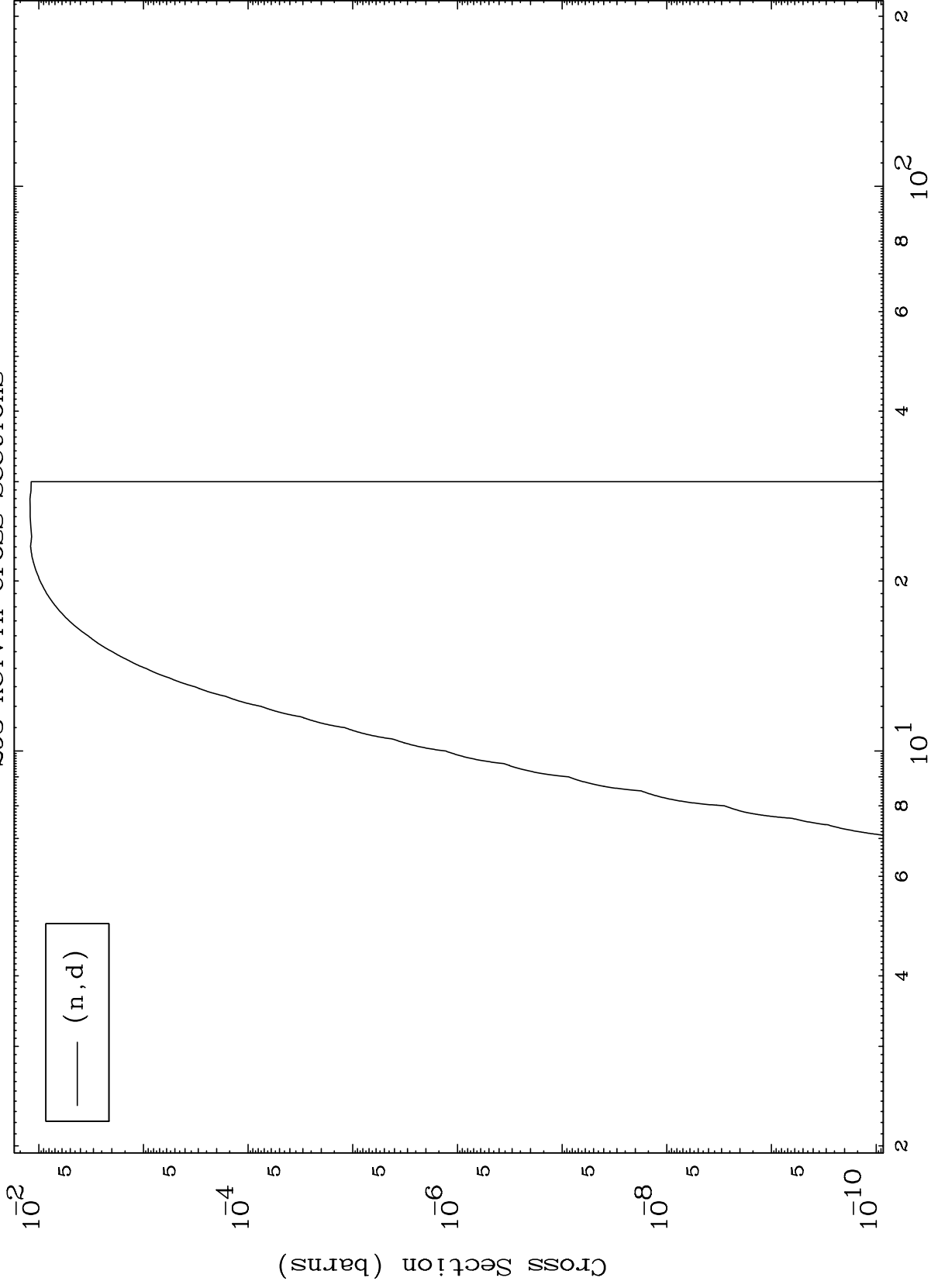
Incident Energy (MeV)

89-Ac-224

MAT 8922

(n,d) Levels
293 Kelvin Cross Sections

89-Ac-224



12

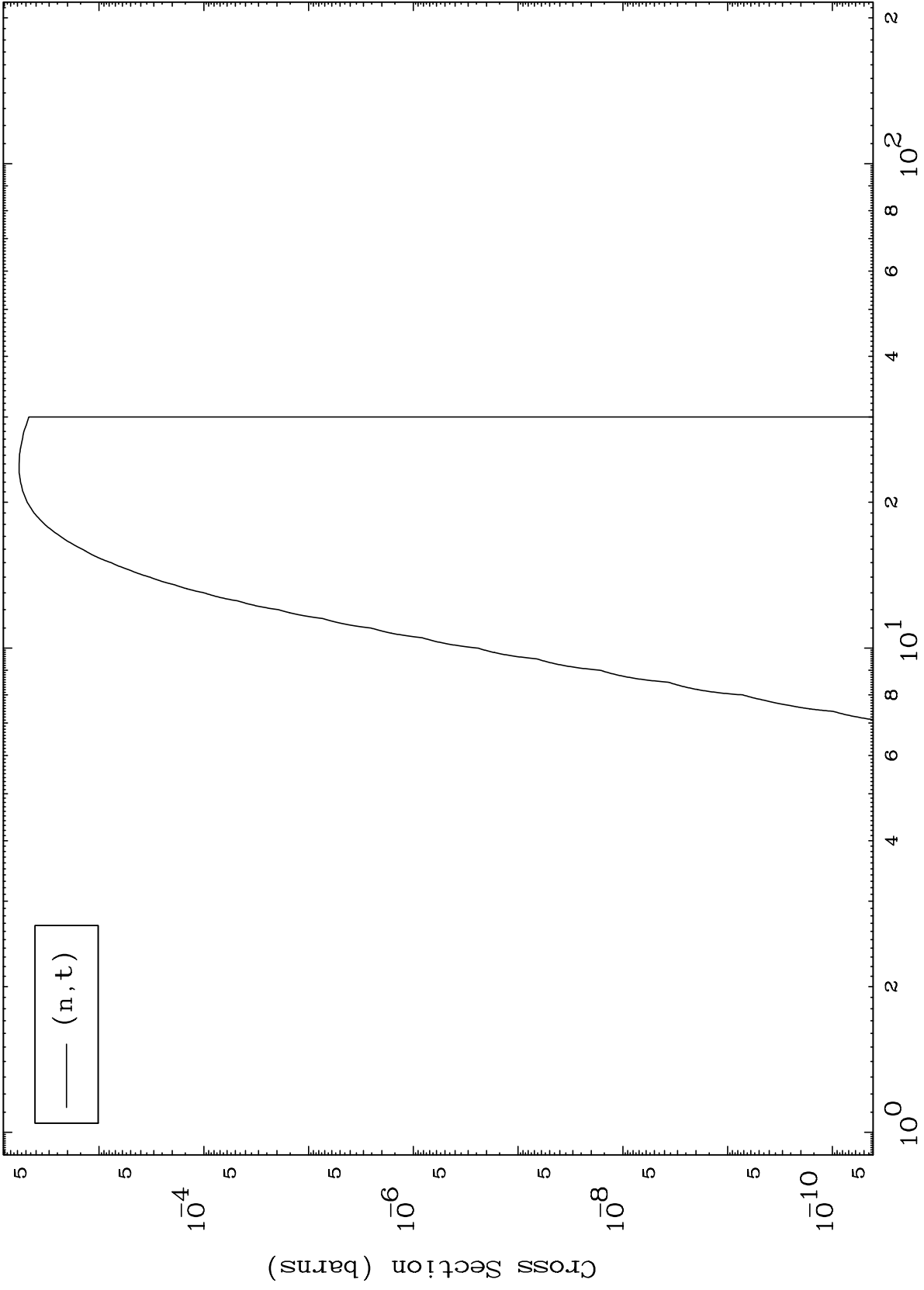
Incident Energy (MeV)

89-Ac-224

MAT 8922

(n,t) Levels
293 Kelvin Cross Sections

89-Ac-224



13

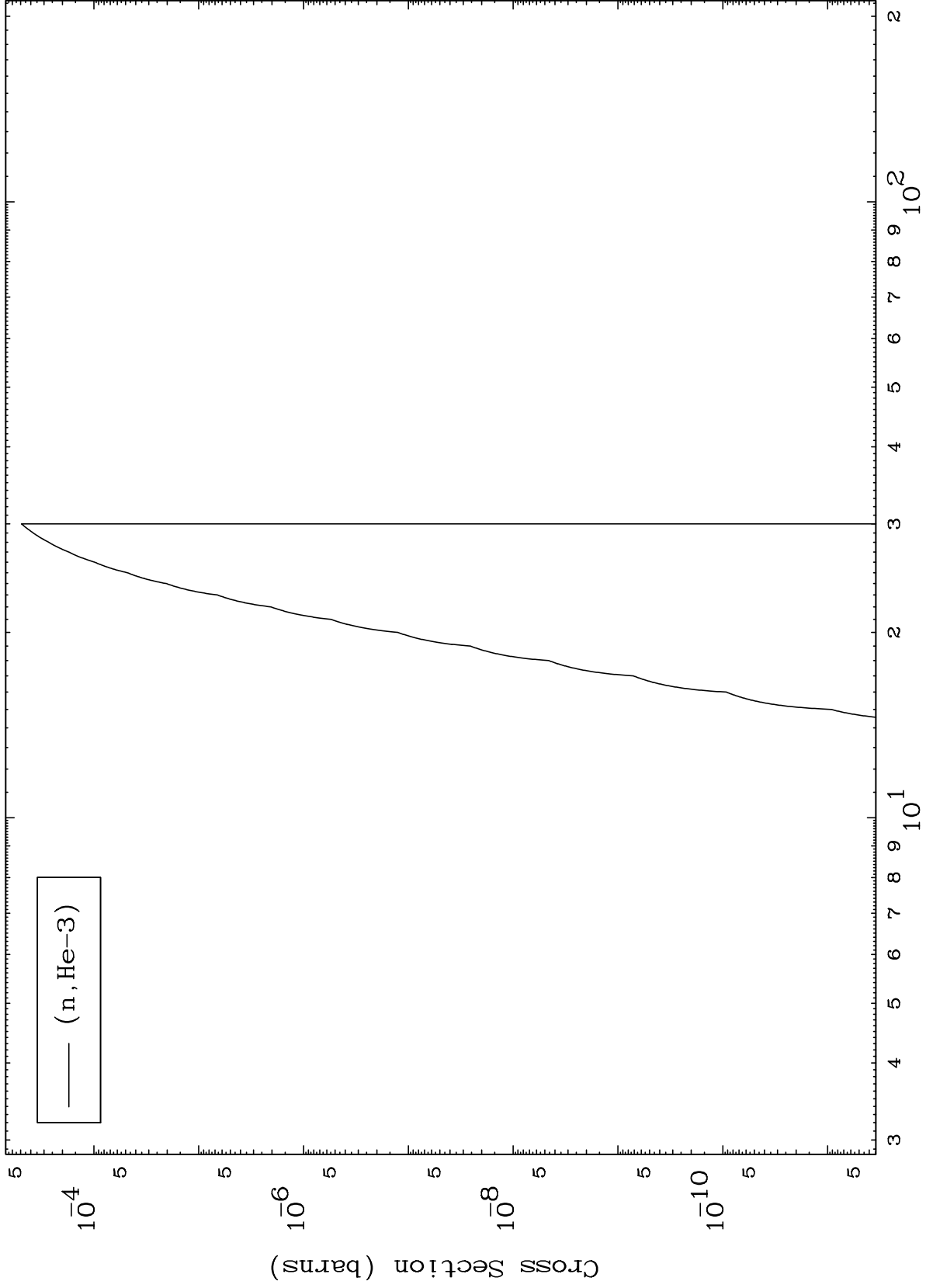
Incident Energy (MeV)

89-Ac-224

MAT 8922

(n,He3) Levels
293 Kelvin Cross Sections

89-Ac-224



14

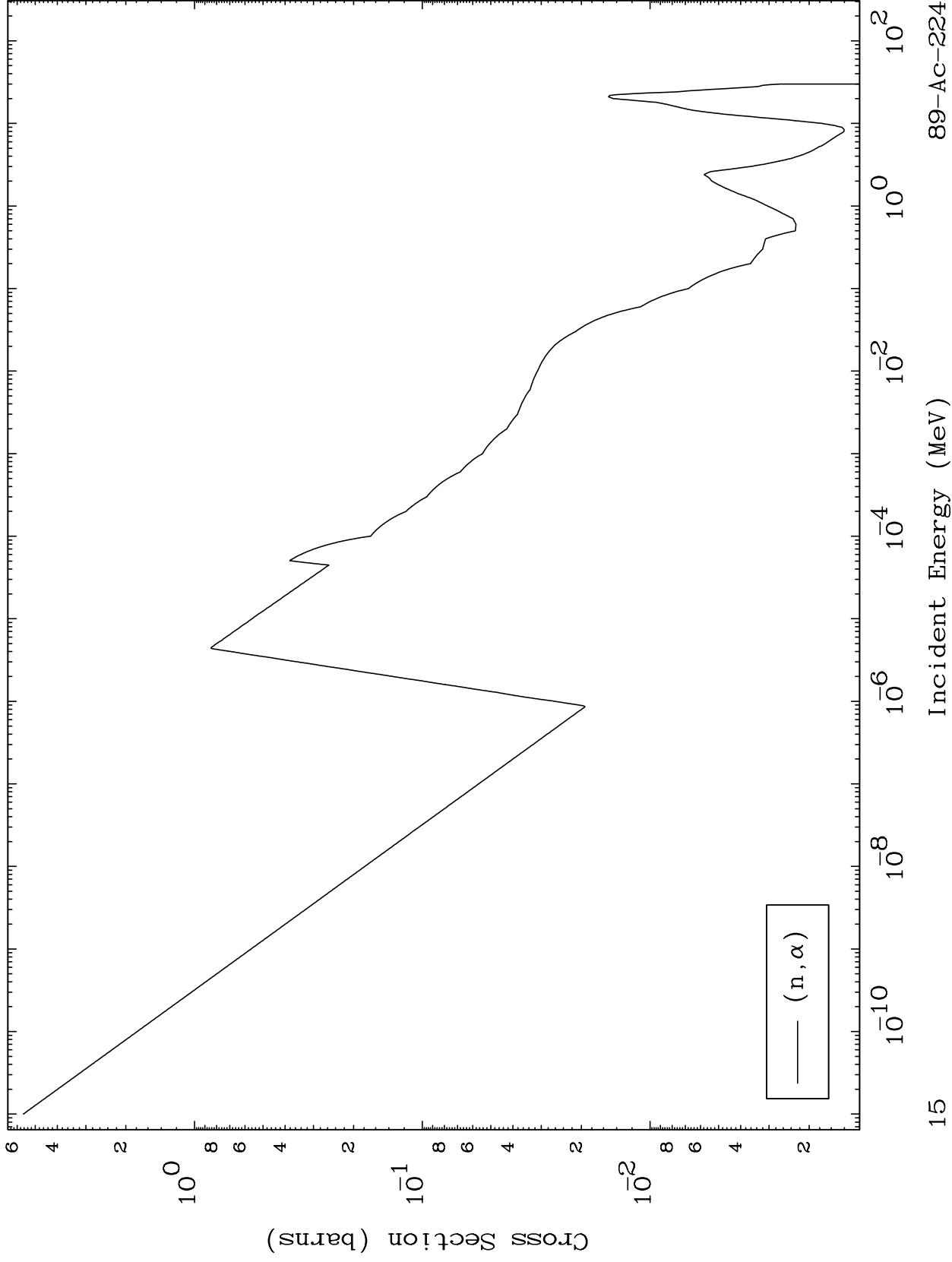
Incident Energy (MeV)

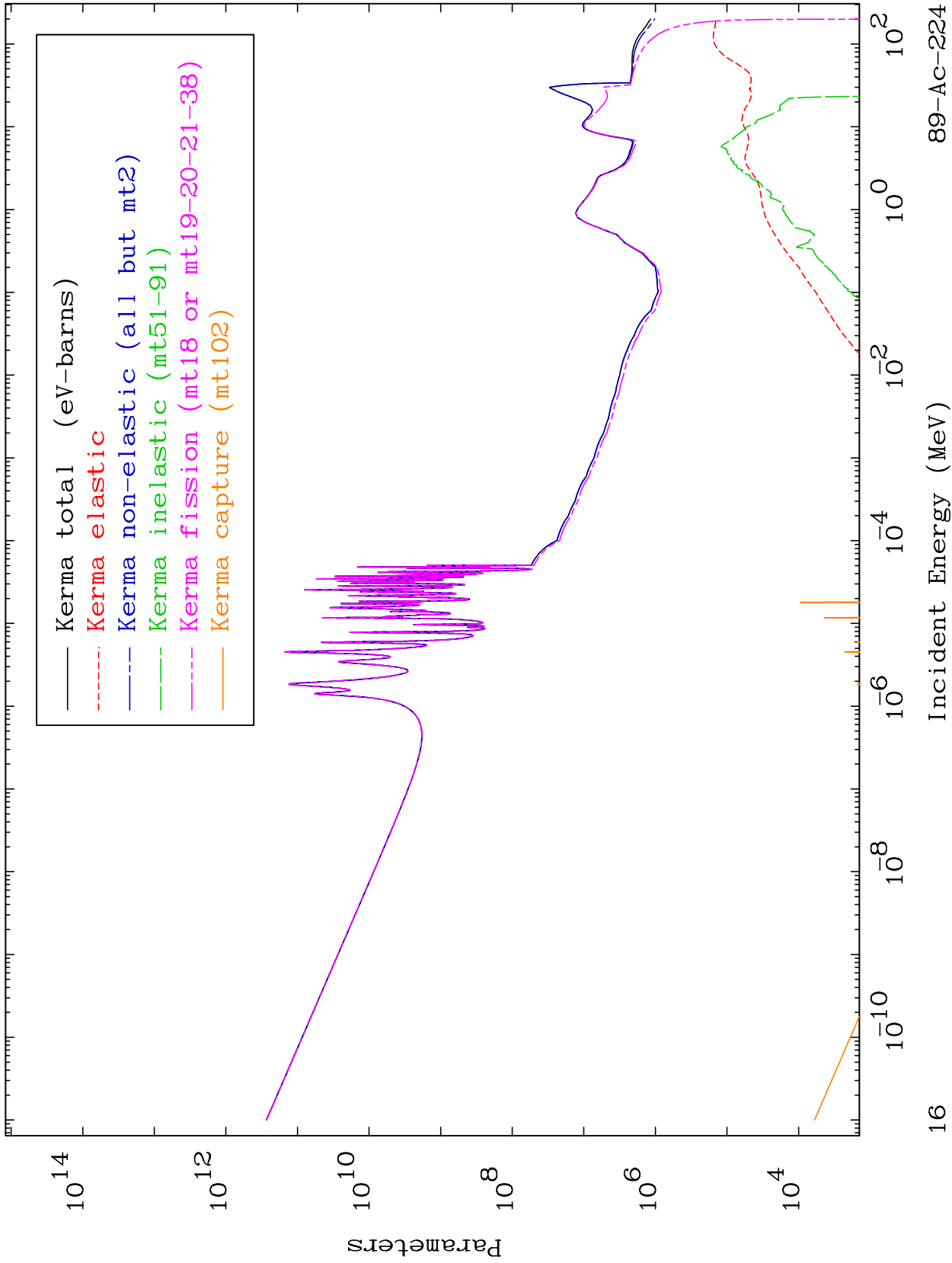
89-Ac-224

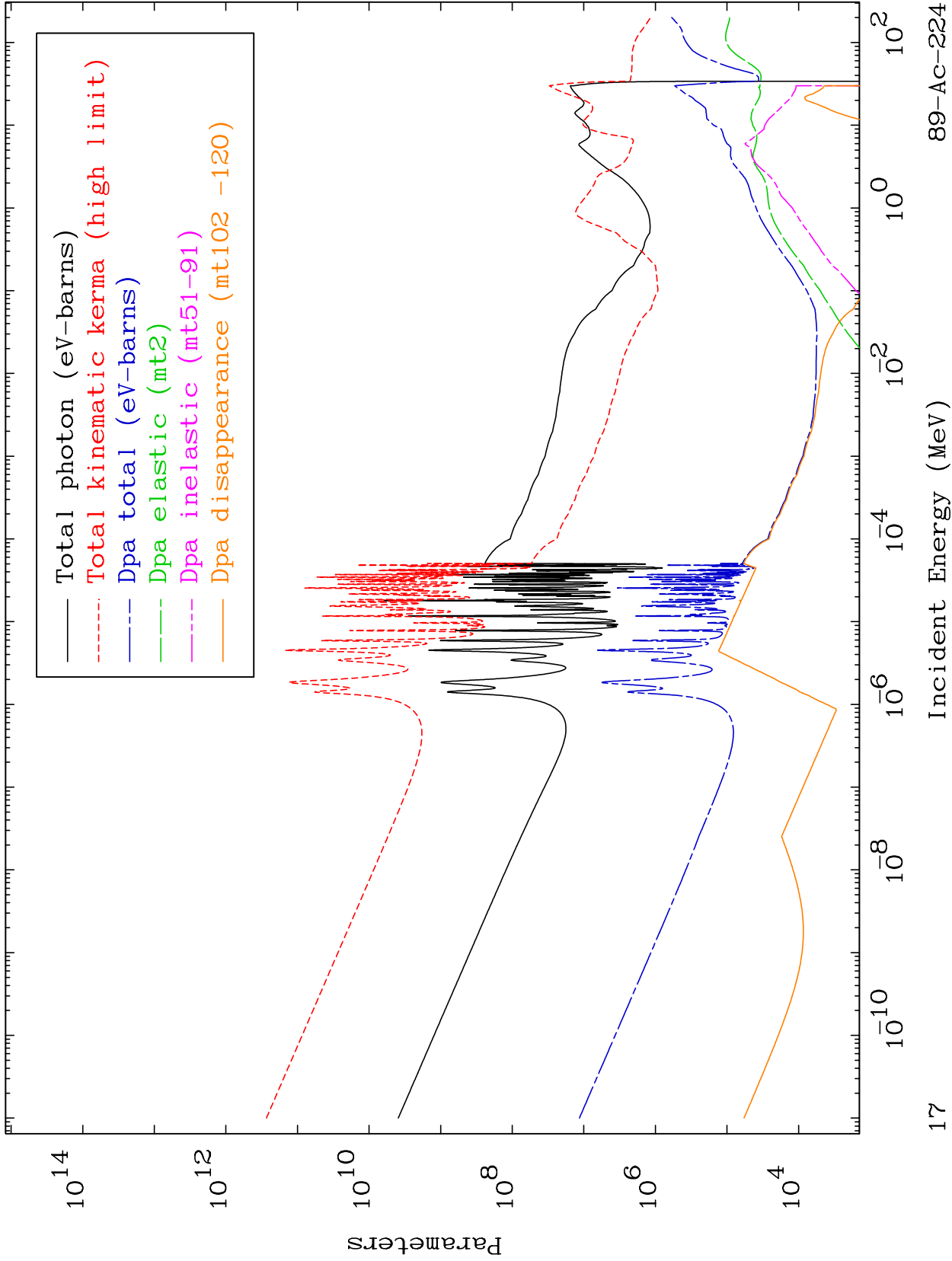
MAT 89222

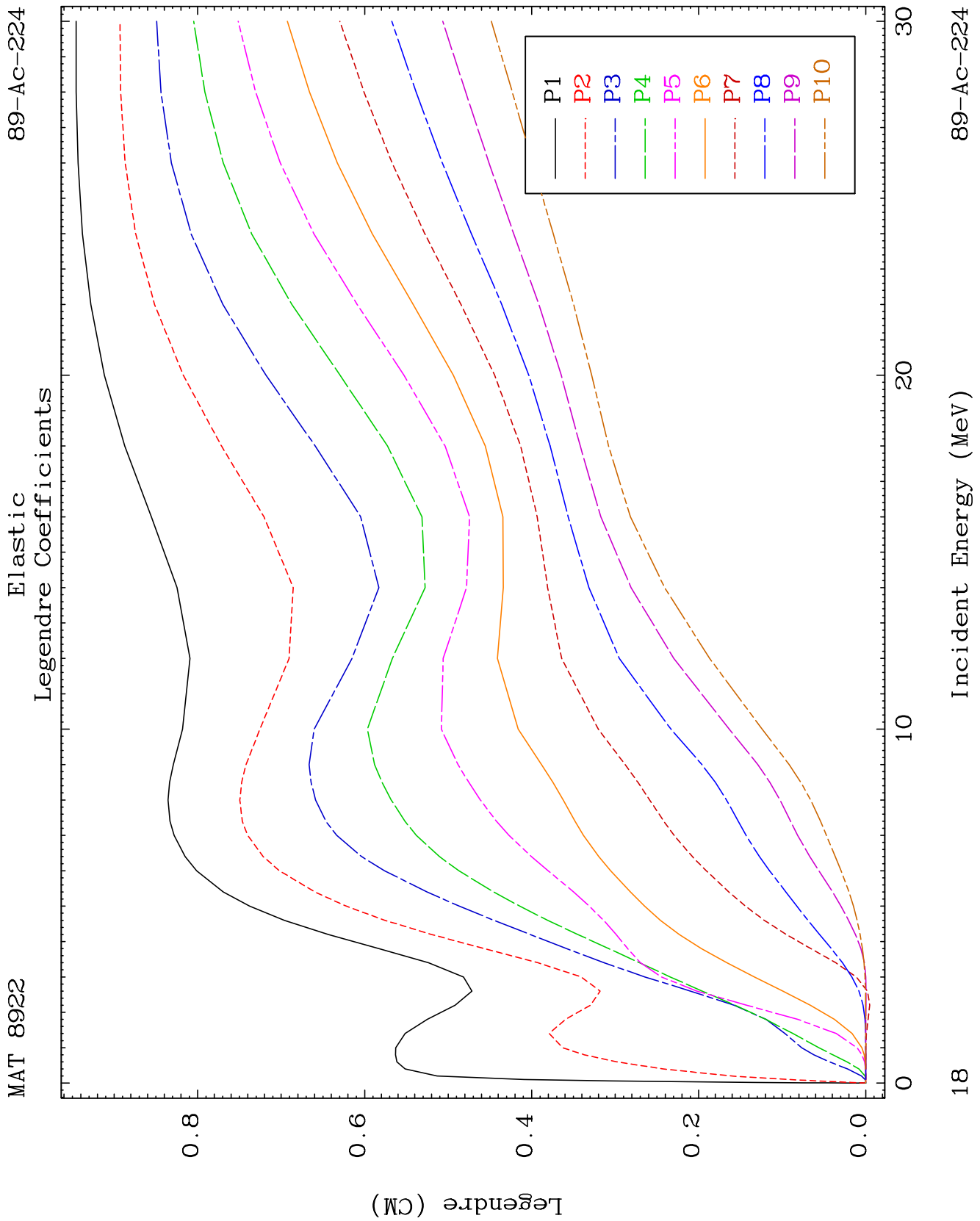
(n,α) Levels
293 Kelvin Cross Sections

89-Ac-224





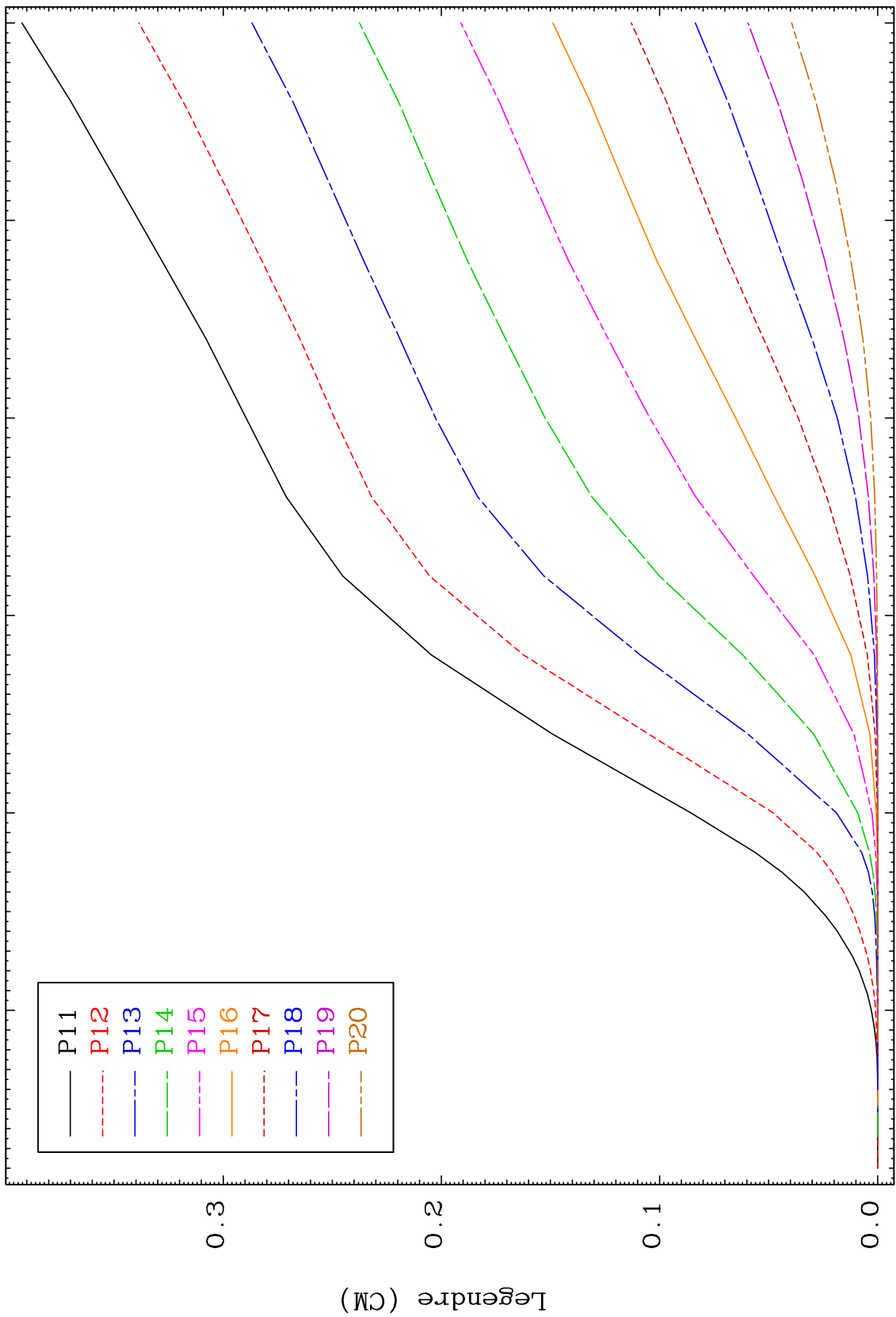




MAT 8922

Elastic Legendre Coefficients

89-Ac-224



19

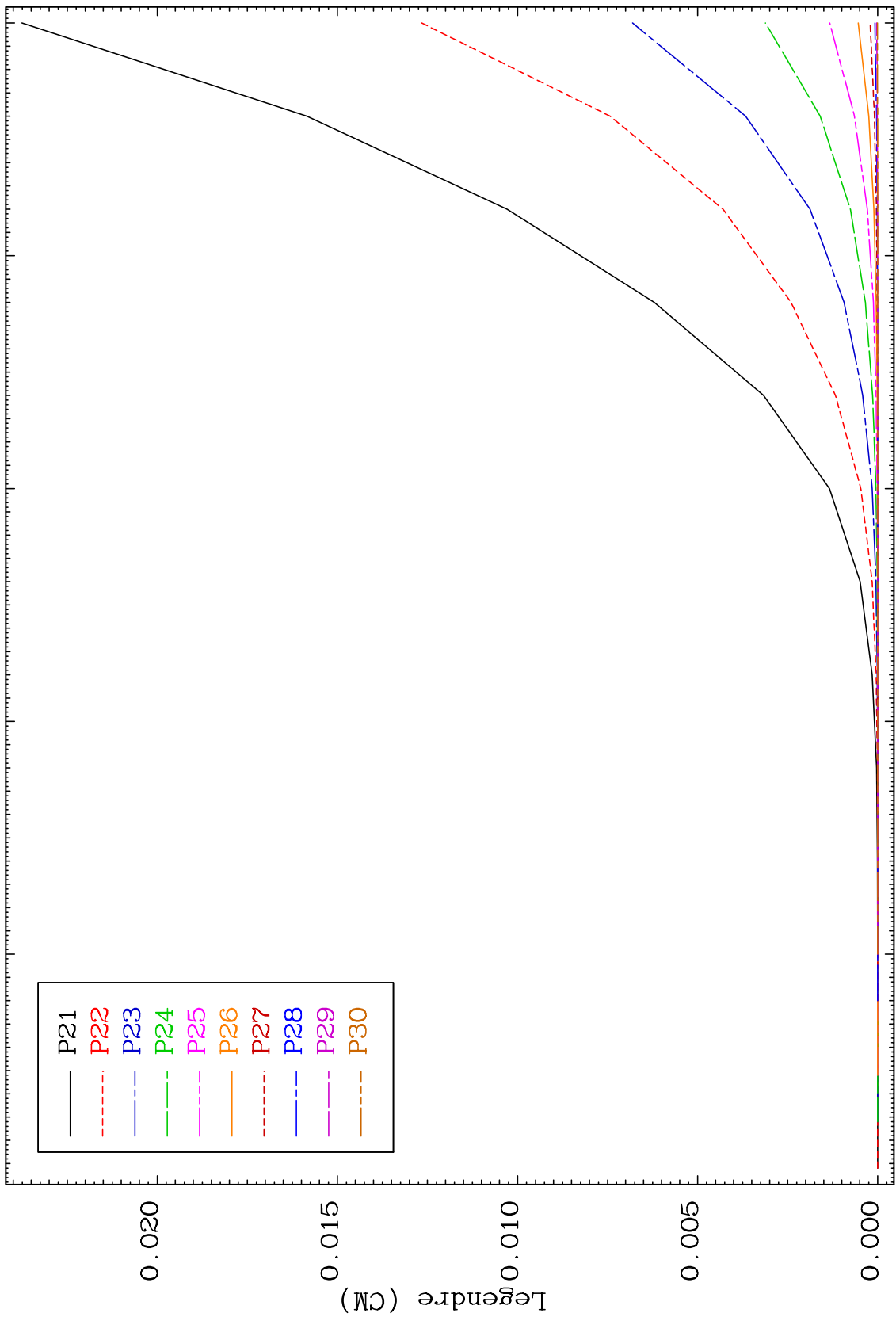
Incident Energy (MeV)

89-Ac-224

MAT 8922

Elastic Legendre Coefficients

89-Ac-224



20

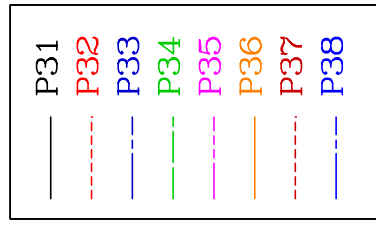
Incident Energy (MeV)

89-Ac-224

MAT 8922

Elastic
Legendre Coefficients

89-Ac-224



$\times 10^{-6}$

Legendre (CM)

2

1

0

15

20

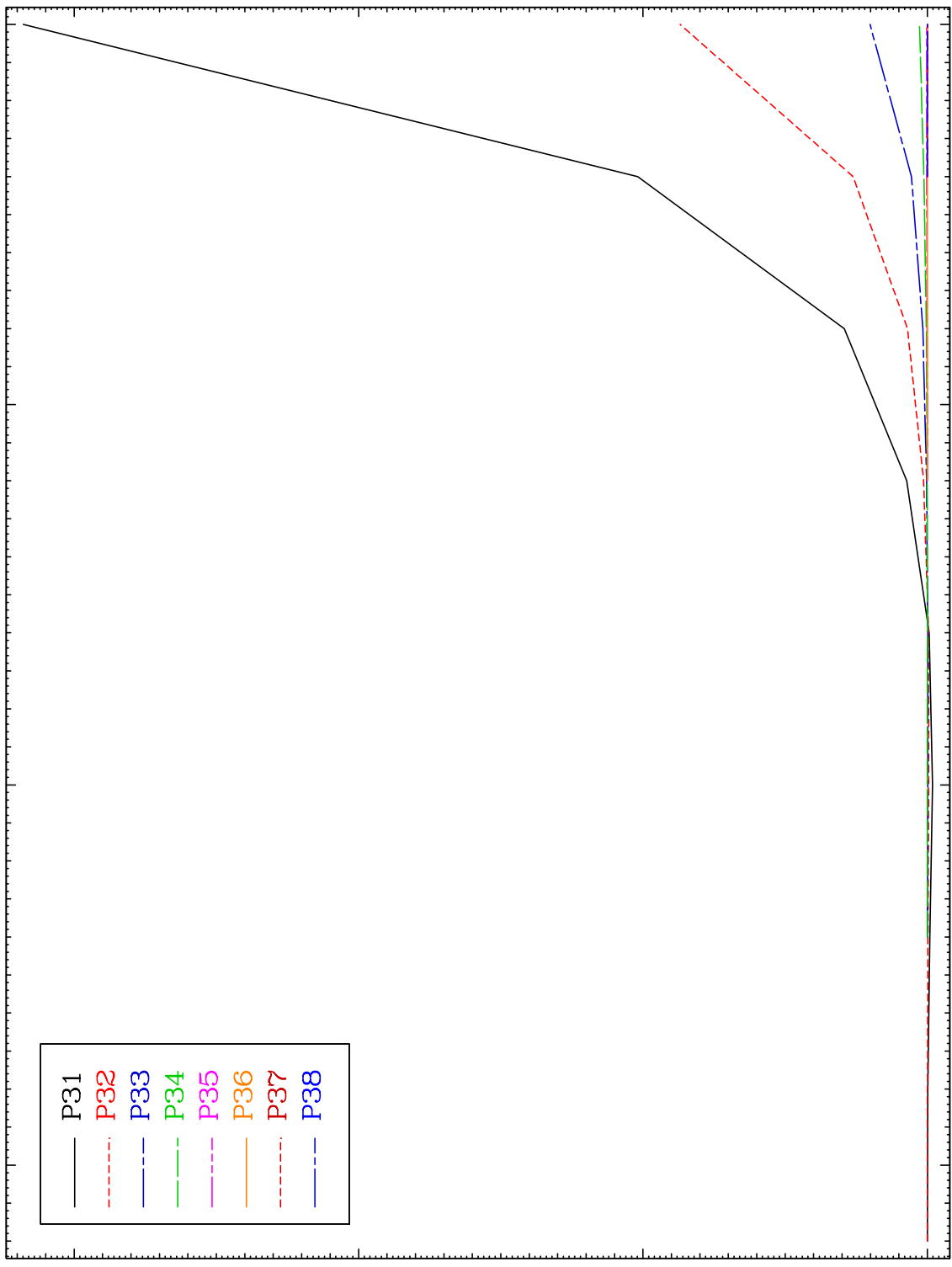
25

30

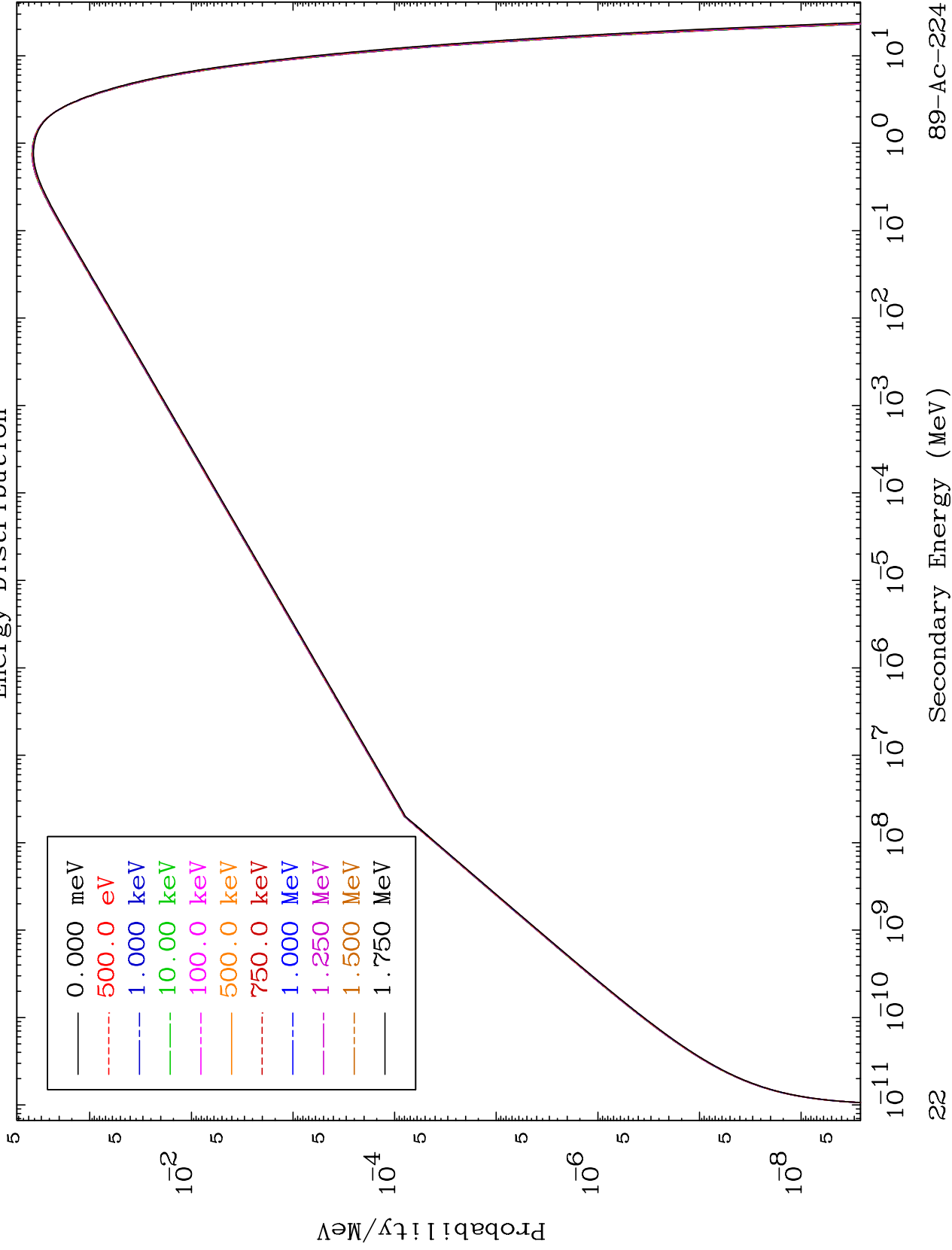
21

Incident Energy (MeV)

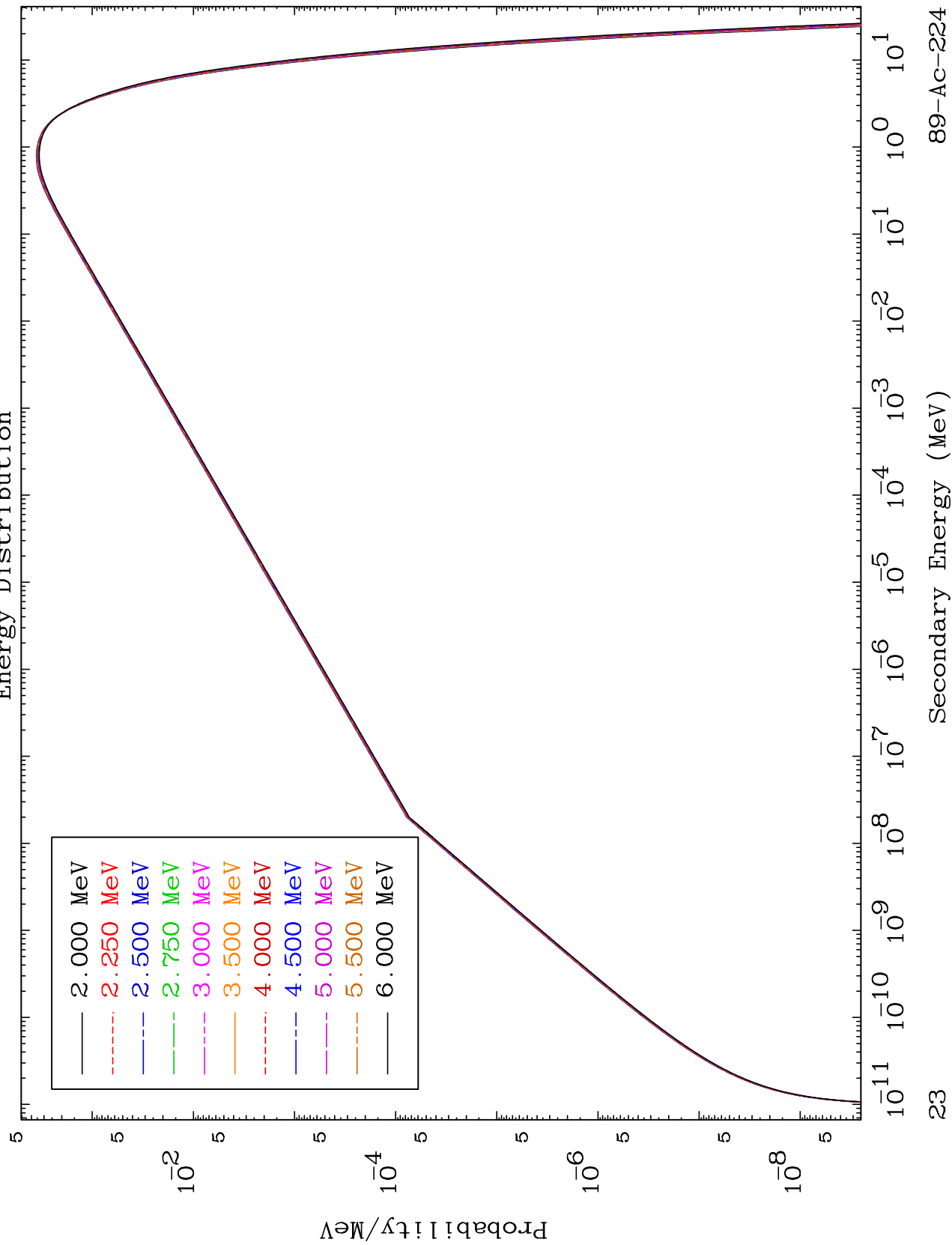
89-Ac-224



Fission Energy Distribution



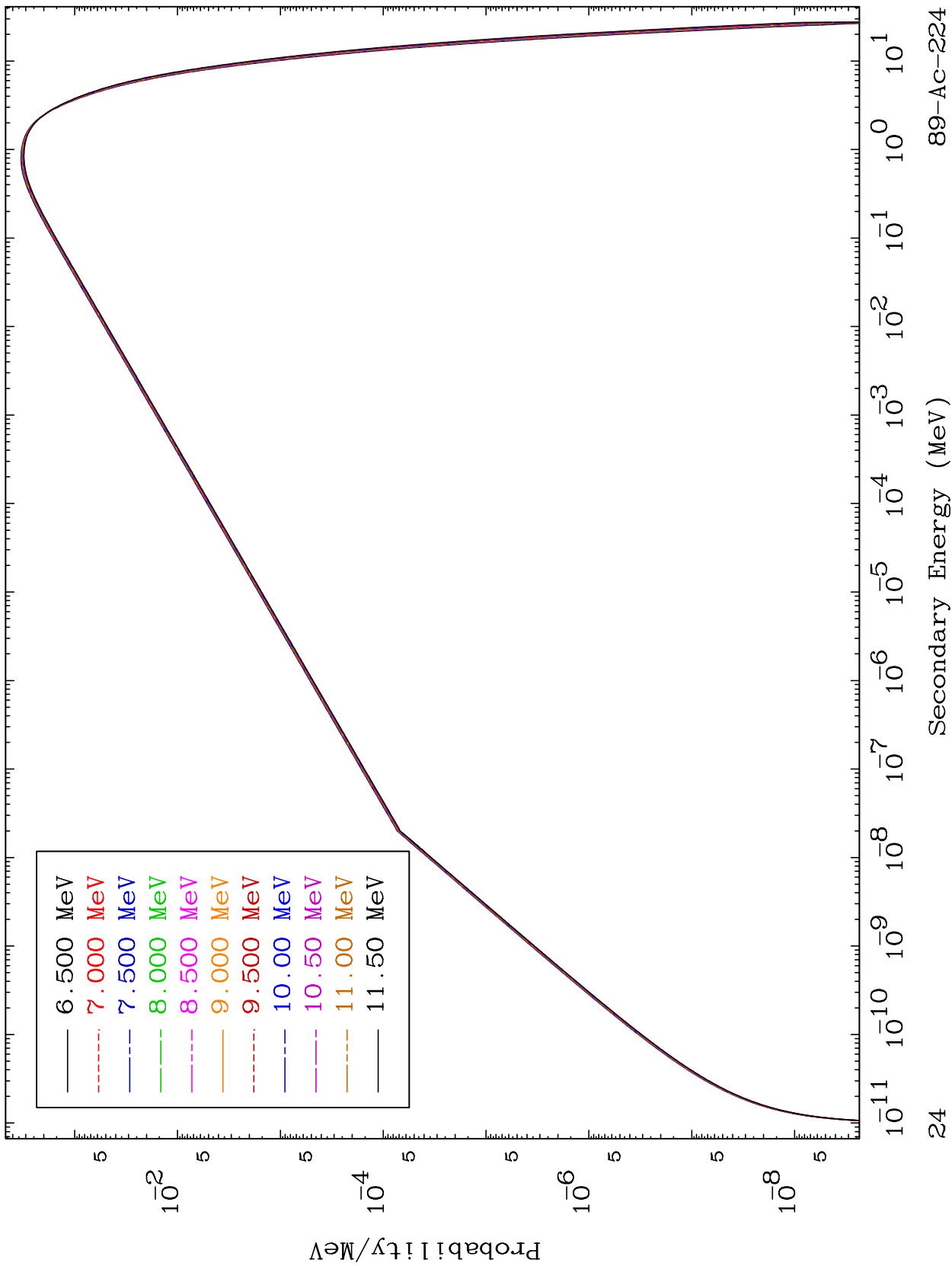
Fission Energy Distribution



MAT 8922

Fission Energy Distribution

89-Ac-224

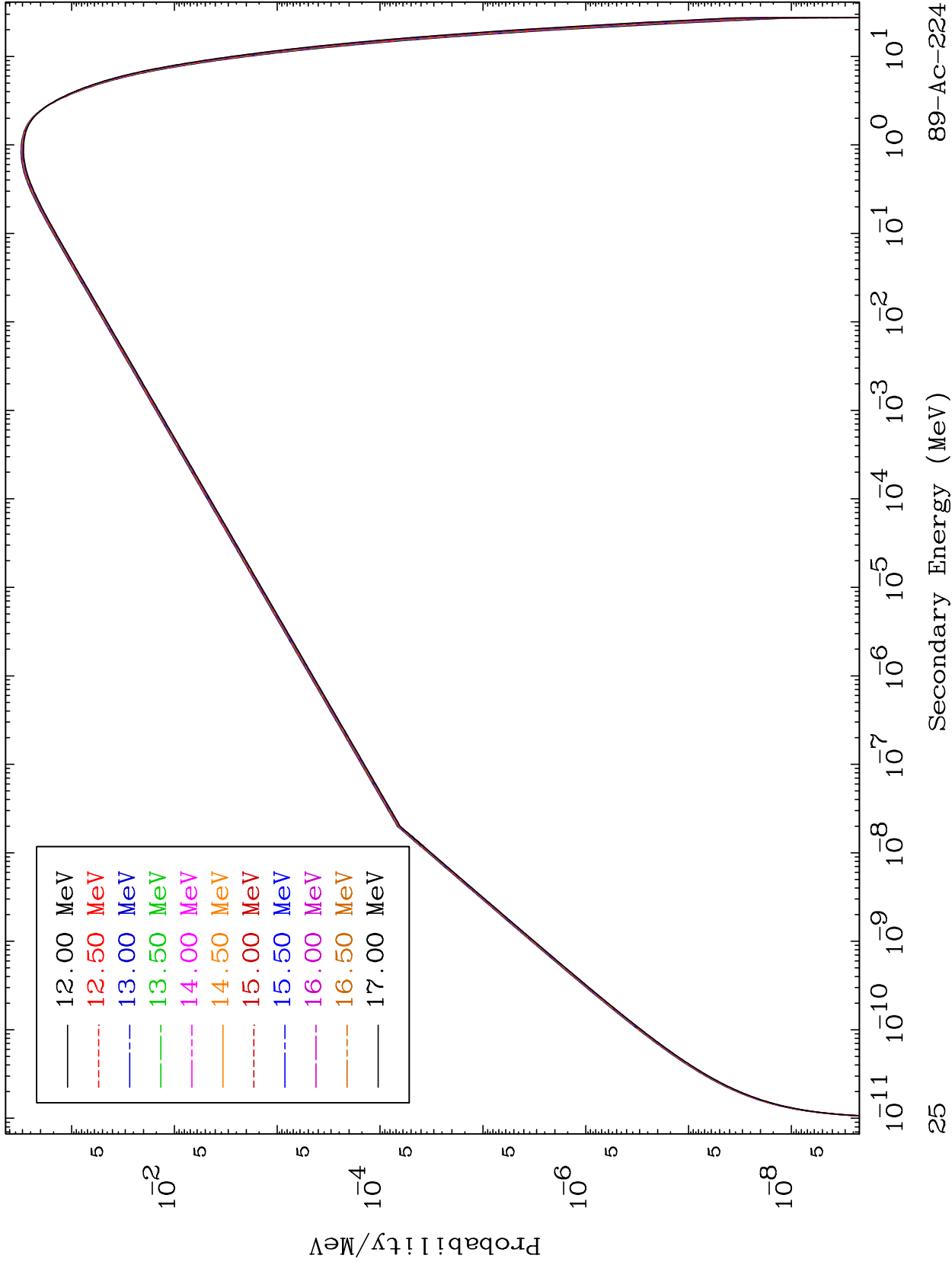


89-Ac-224

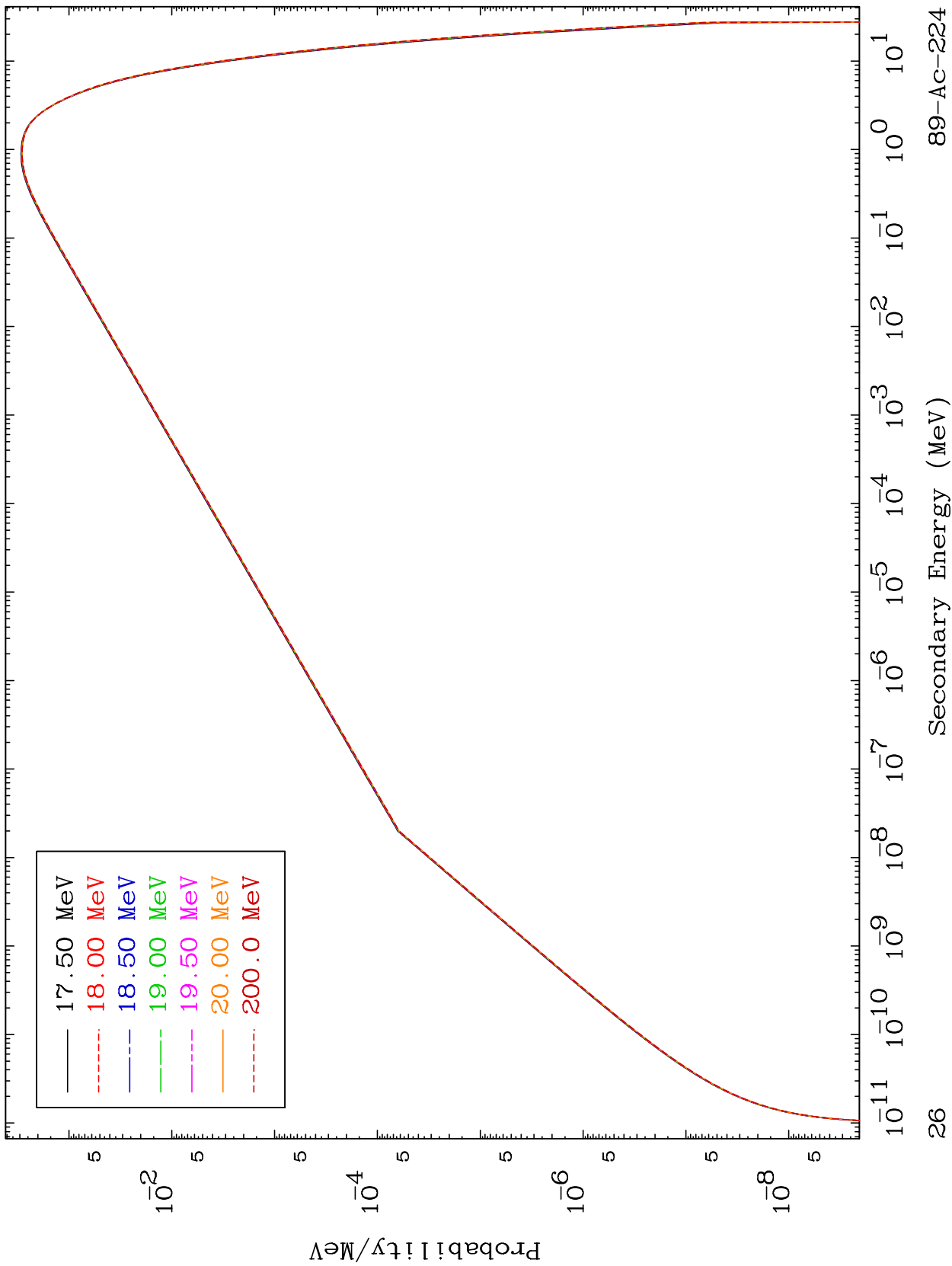
Secondary Energy (MeV)

24

Fission Energy Distribution



Fission Energy Distribution

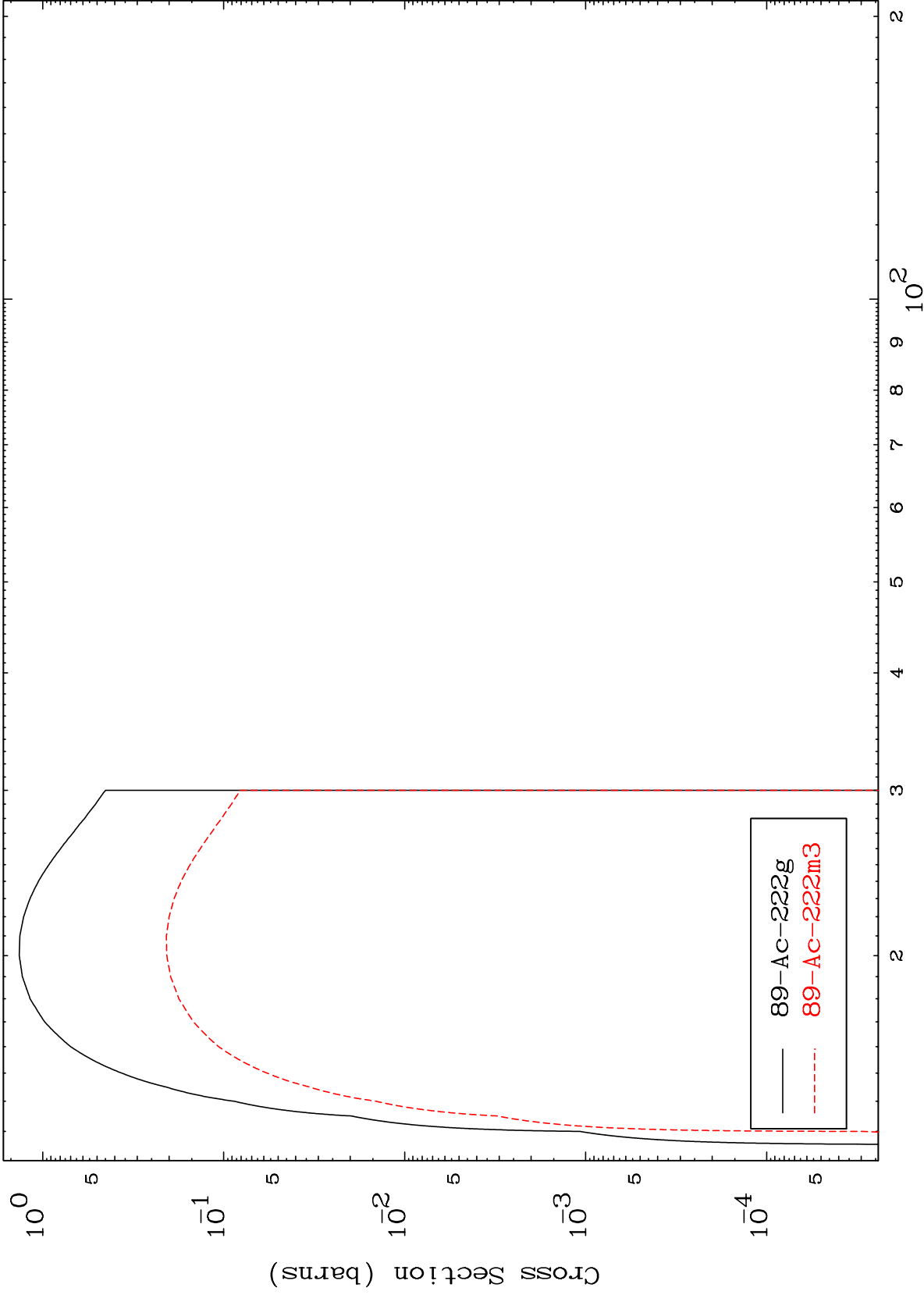


MAT 8922

(n,3n)

89-Ac-224

Radionuclide Production Cross Section



27

Incident Energy (MeV)

89-Ac-224