

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

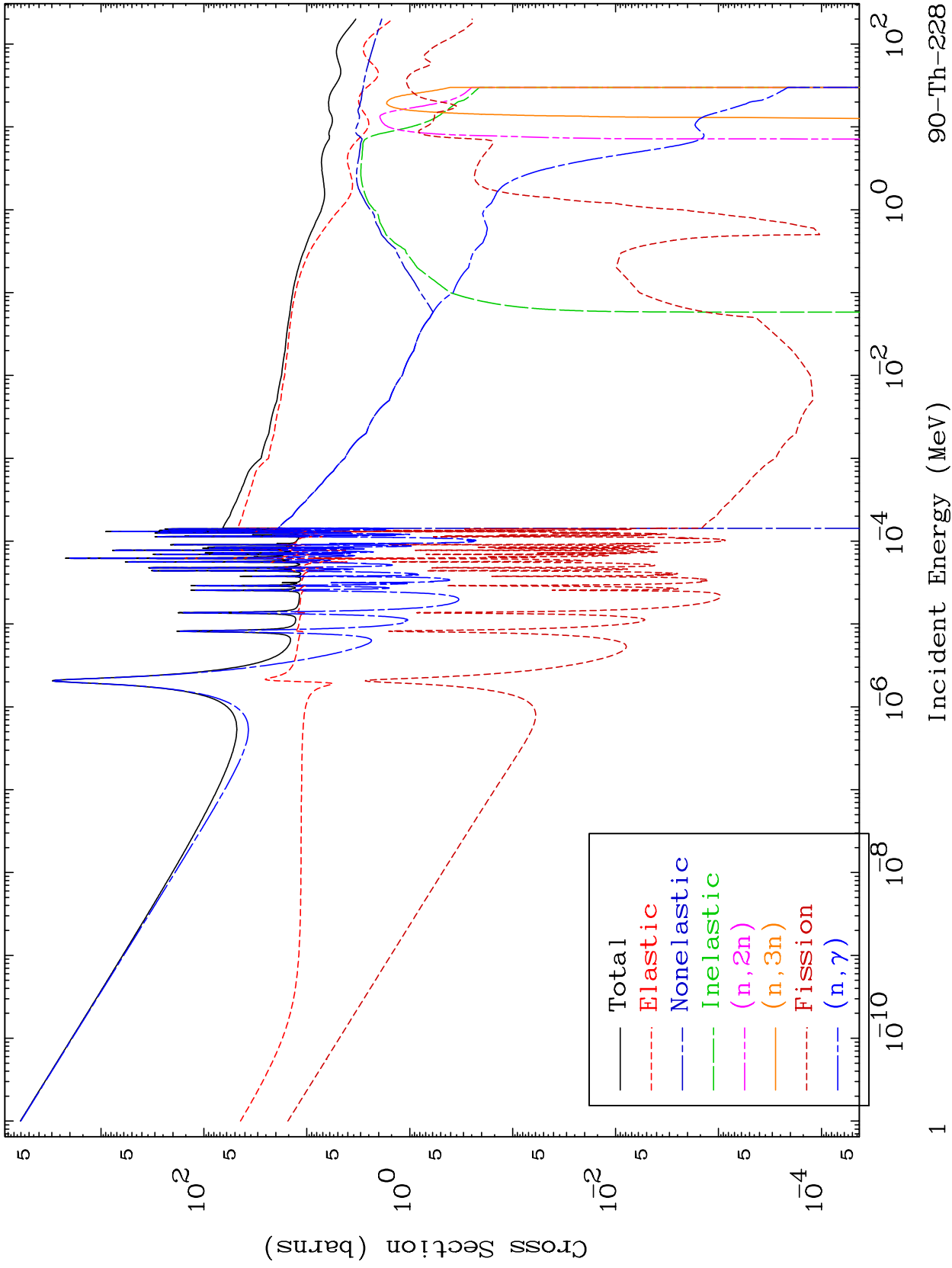
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9028

Neutron Major
293 Kelvin Cross Sections

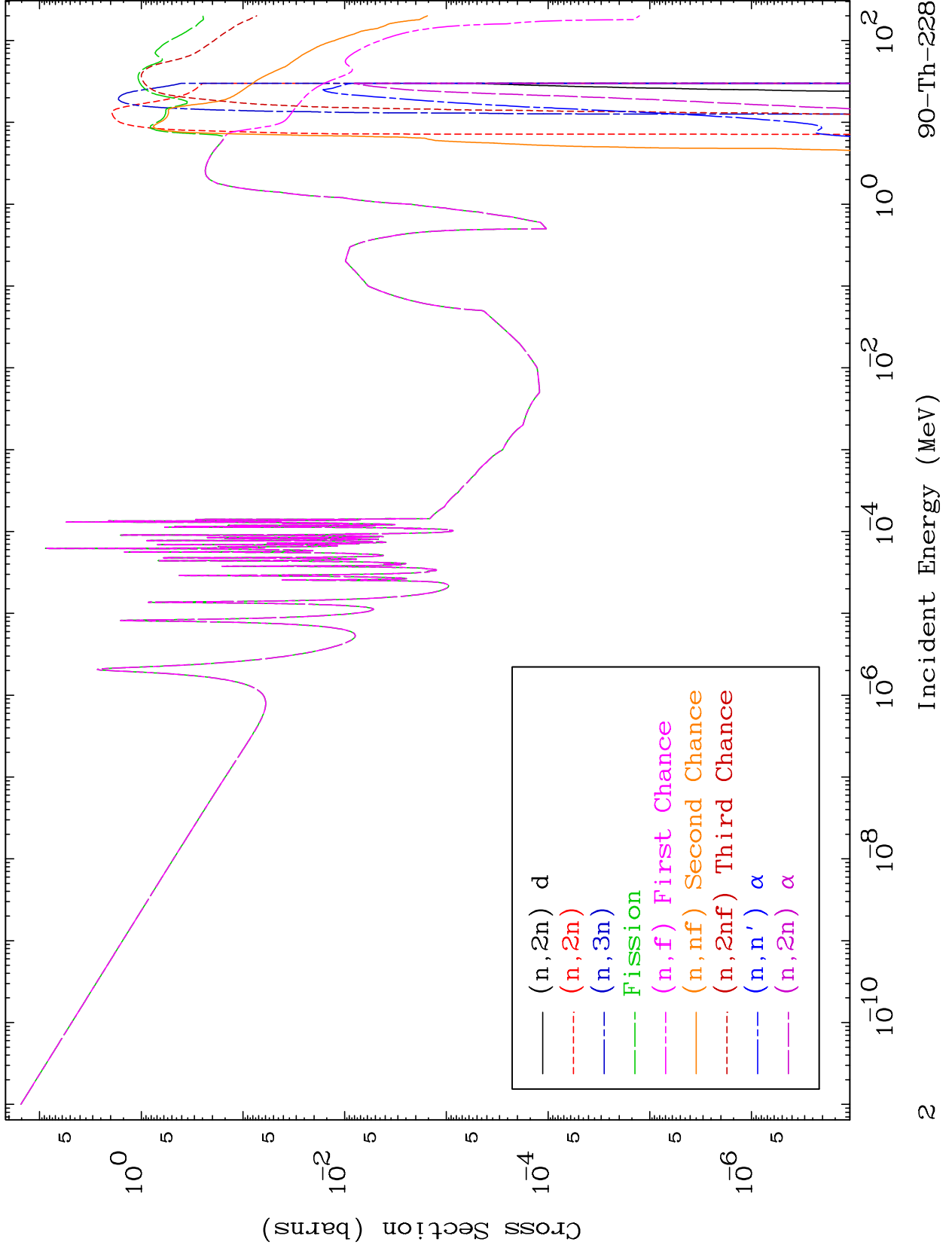
90-Th-228

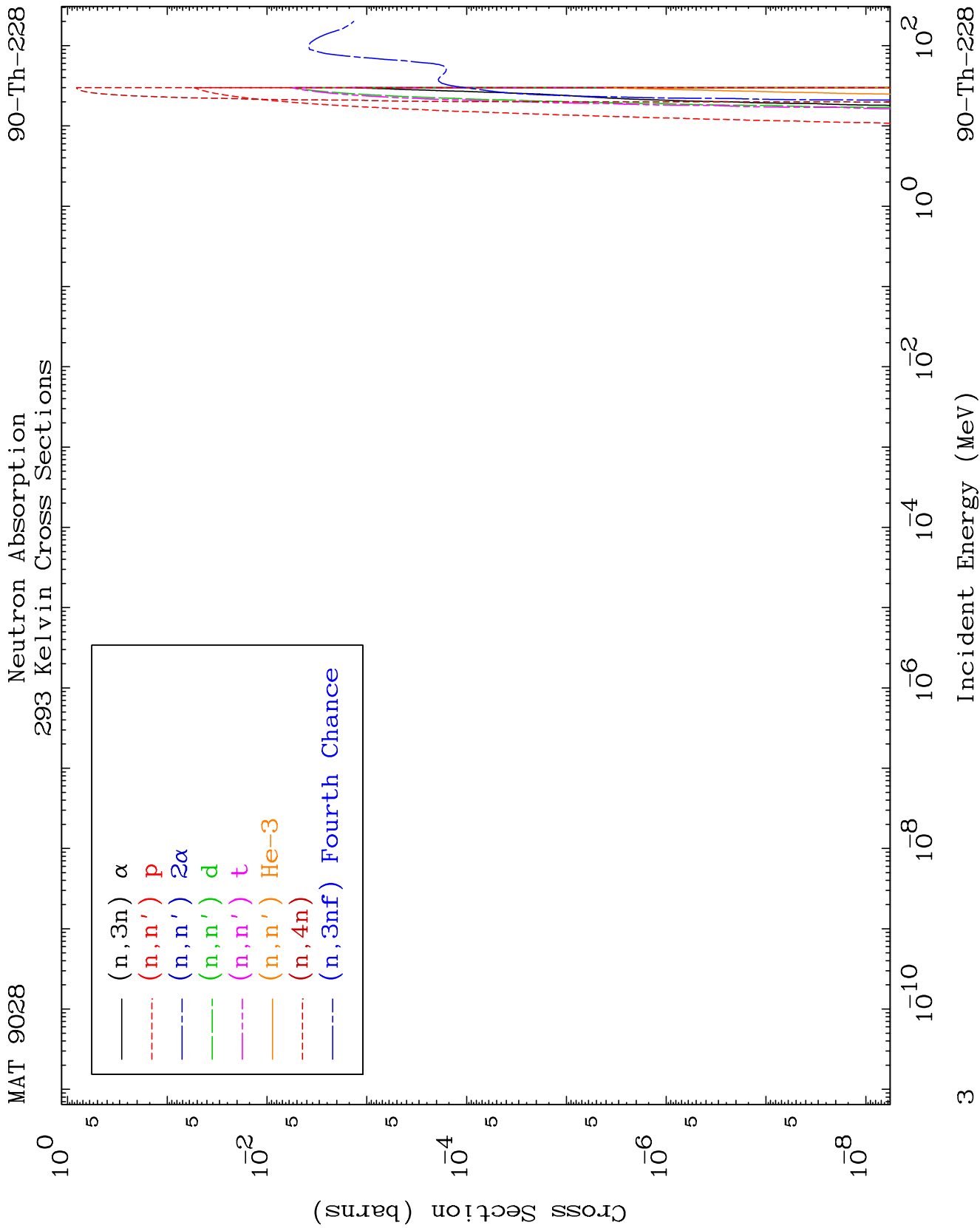


MAT 9028

Neutron Absorption
293 Kelvin Cross Sections

90-Th-228

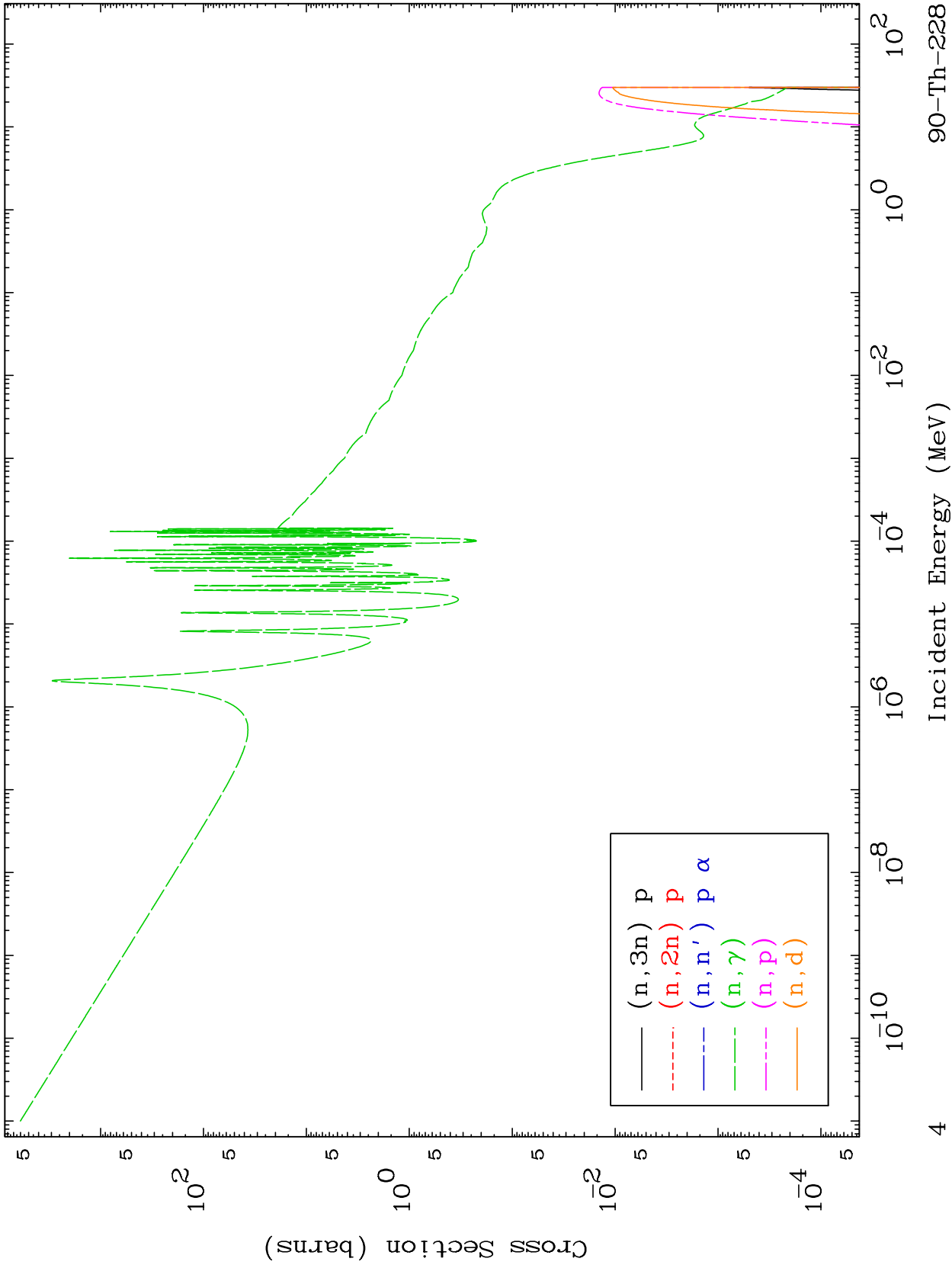


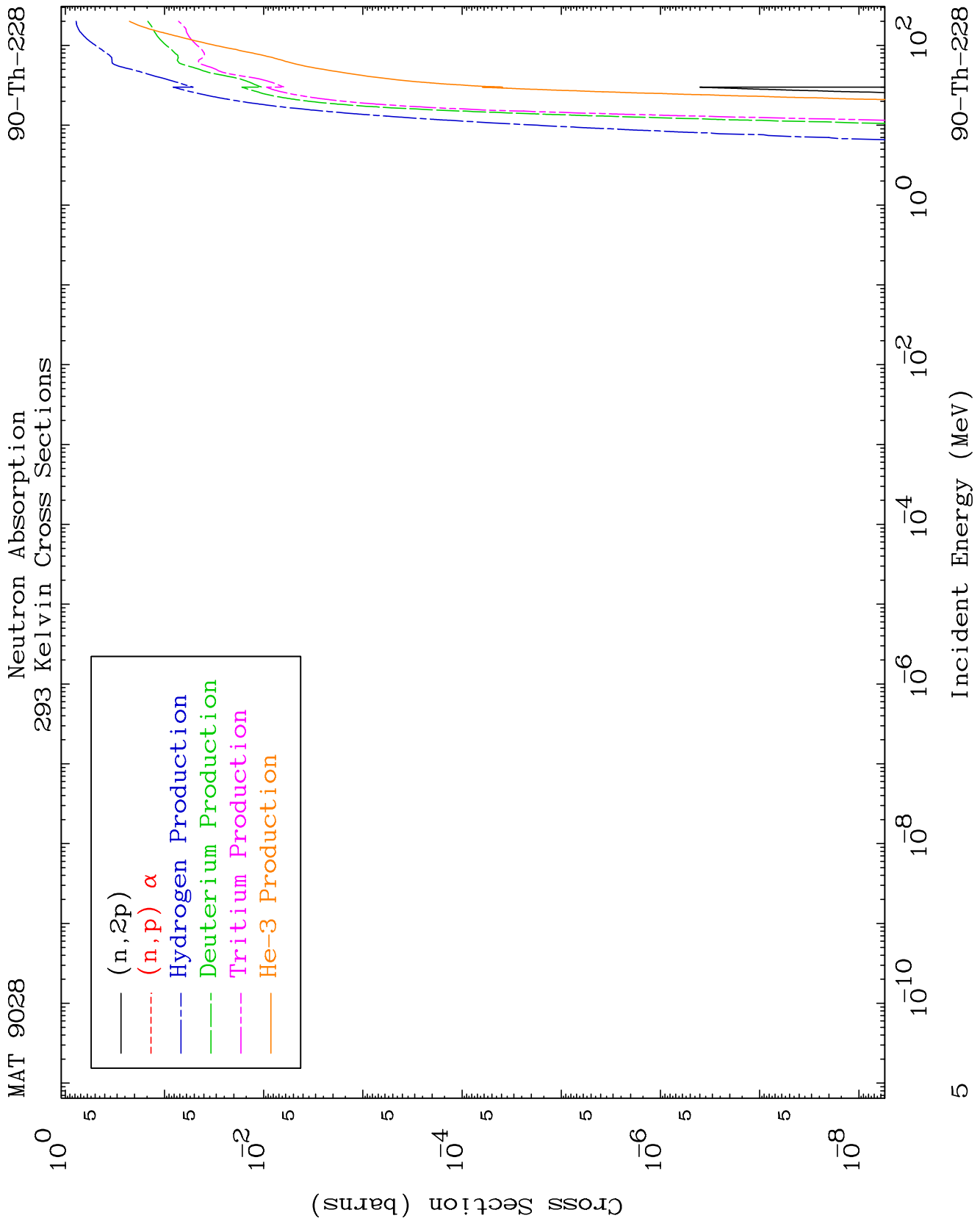


MAT 9028

Neutron Absorption
293 Kelvin Cross Sections

90-Th-228

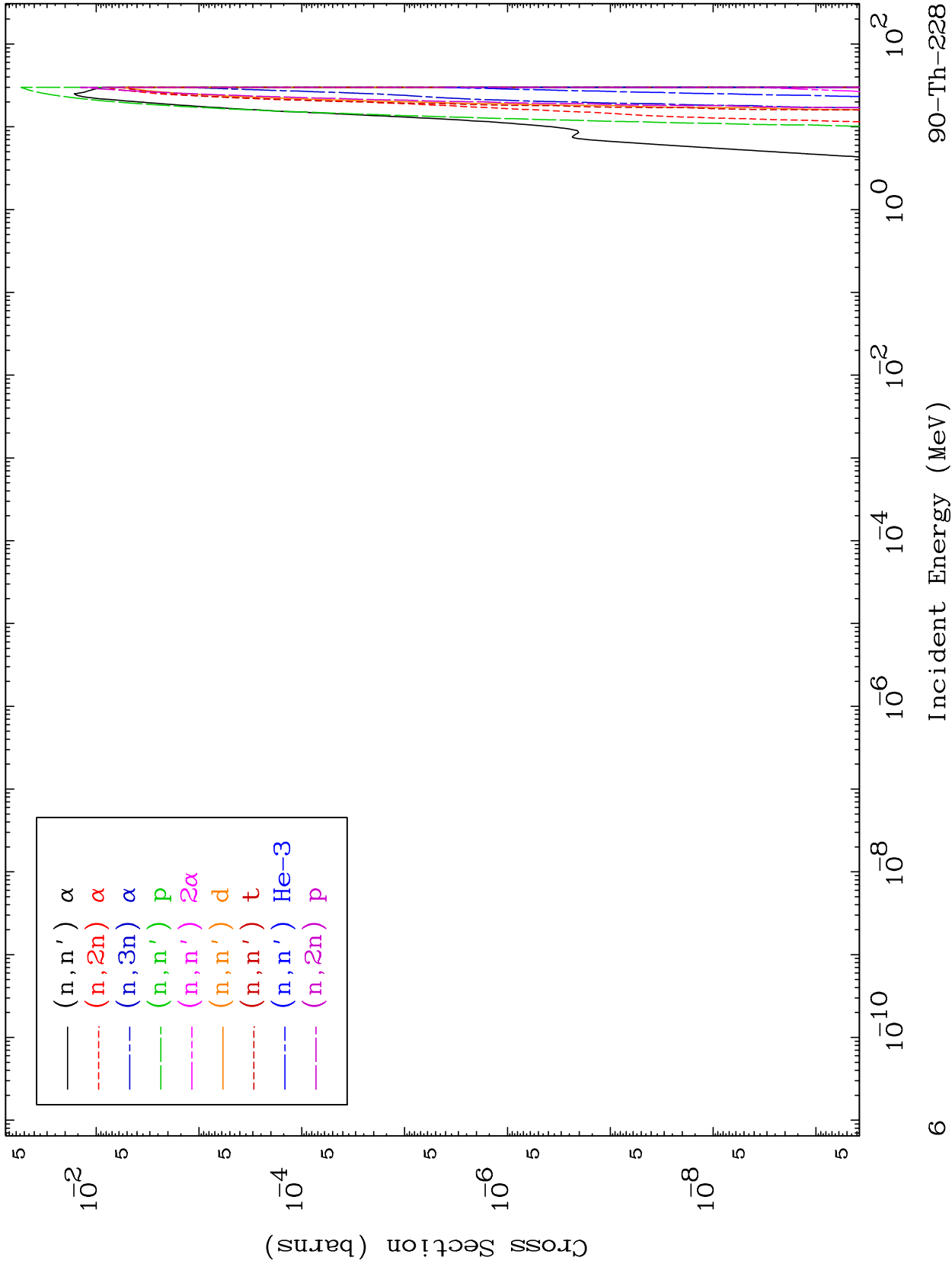




MAT 9028

Charged Particle
293 Kelvin Cross Sections

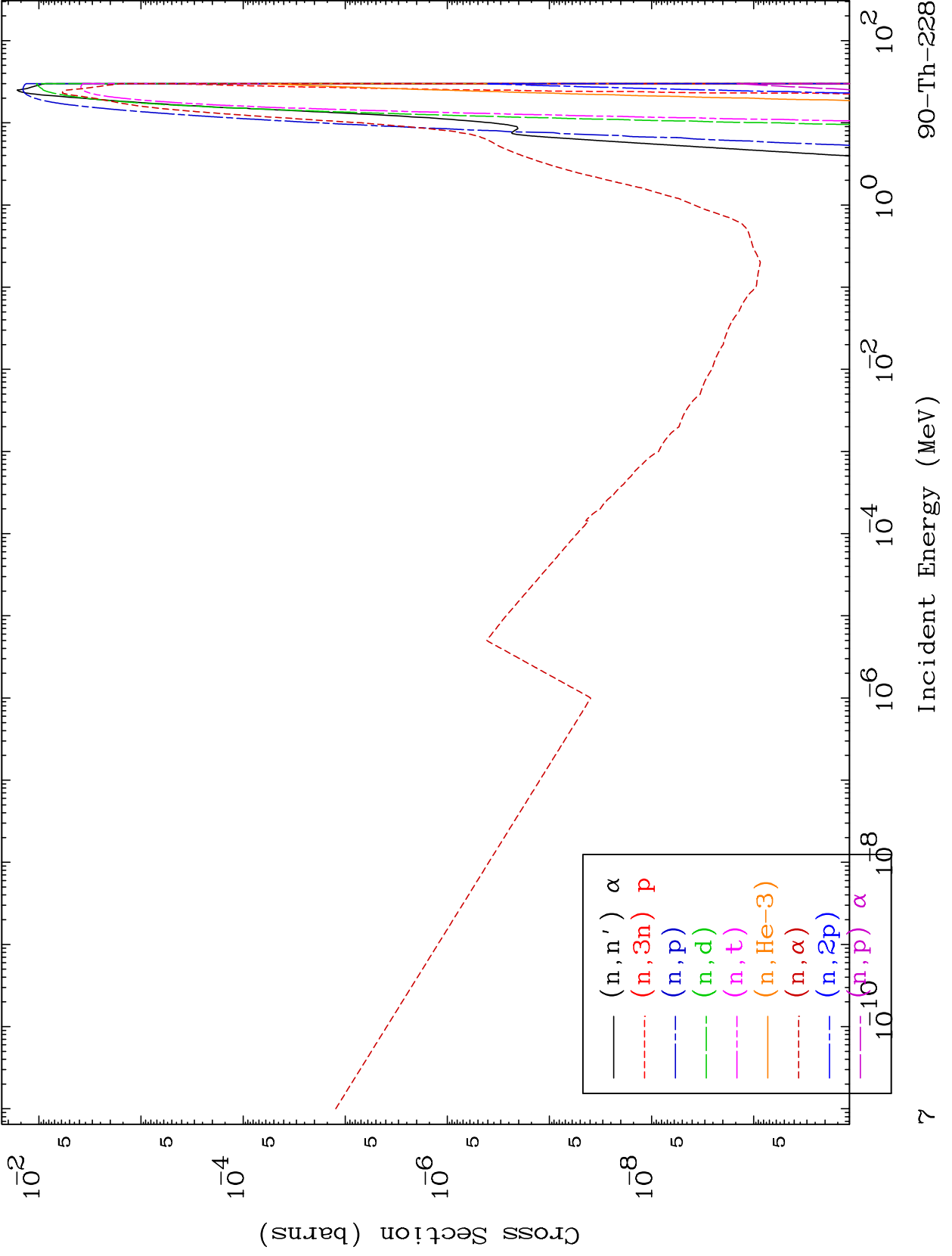
90-Th-228

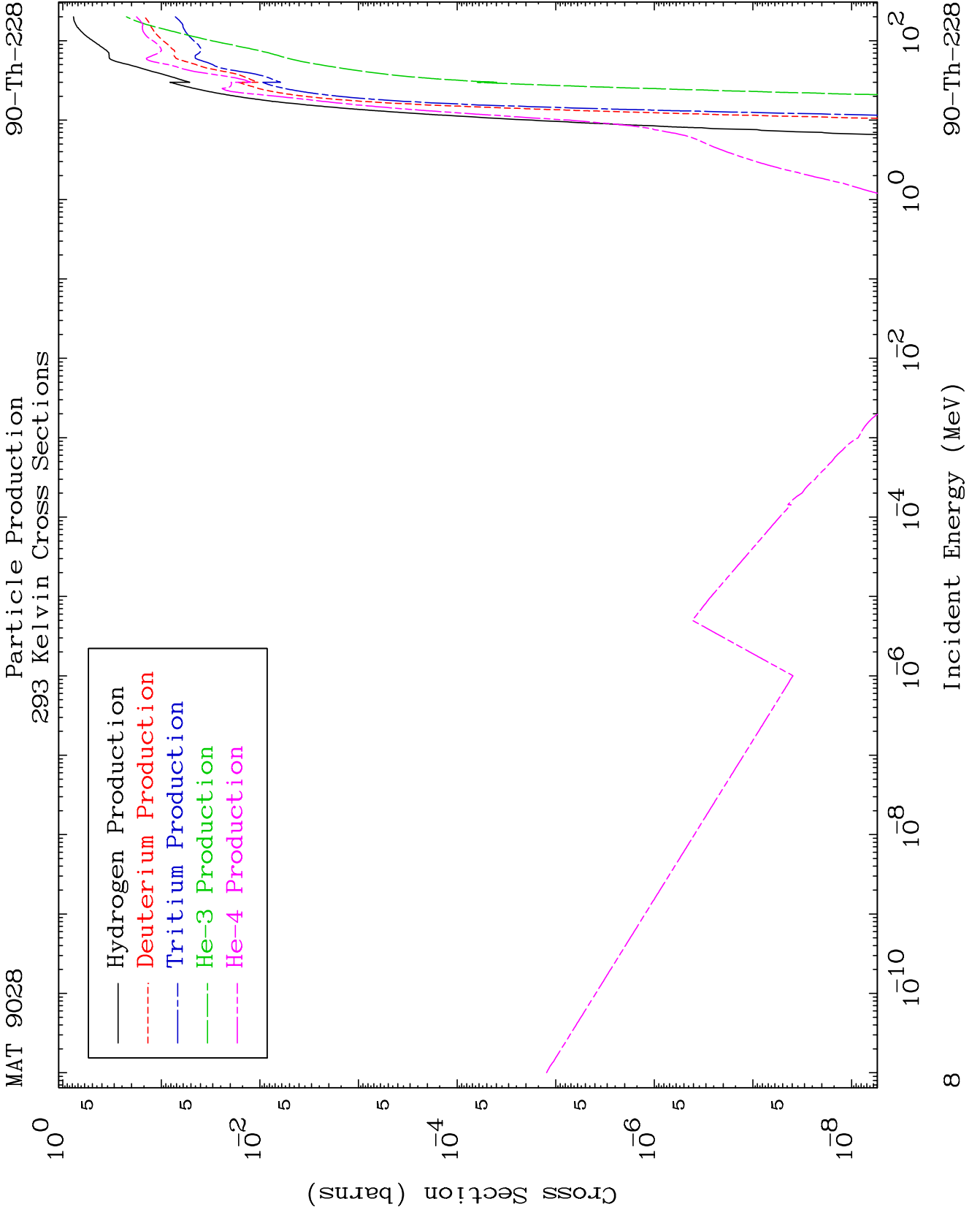


MAT 9028

Charged Particle
293 Kelvin Cross Sections

90-Th-228

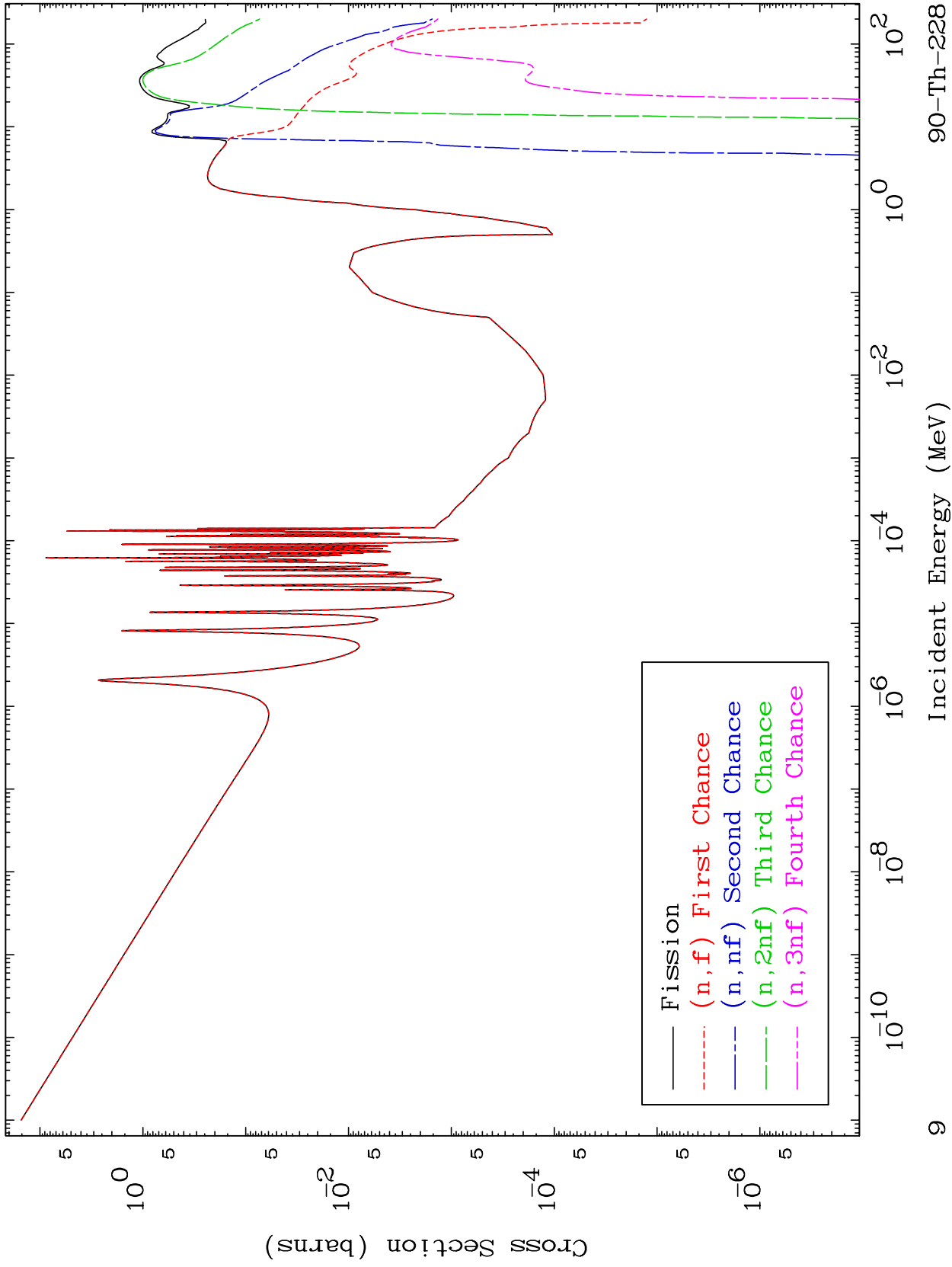




MAT 9028

Fission
293 Kelvin Cross Sections

90-Th-228

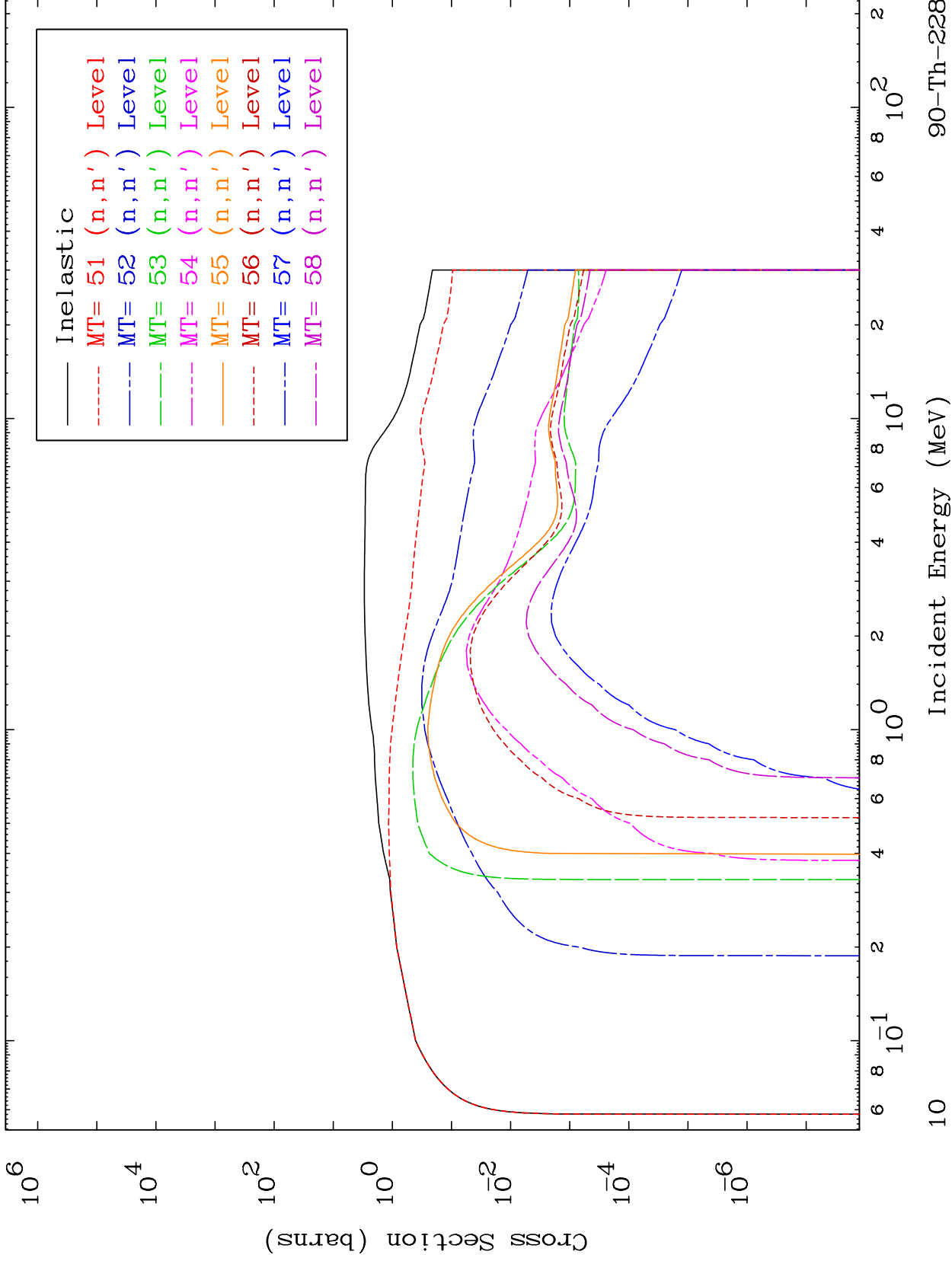


MAT 9028

(n,n') Levels

293 Kelvin Cross Sections

90-Th-228



90-Th-228

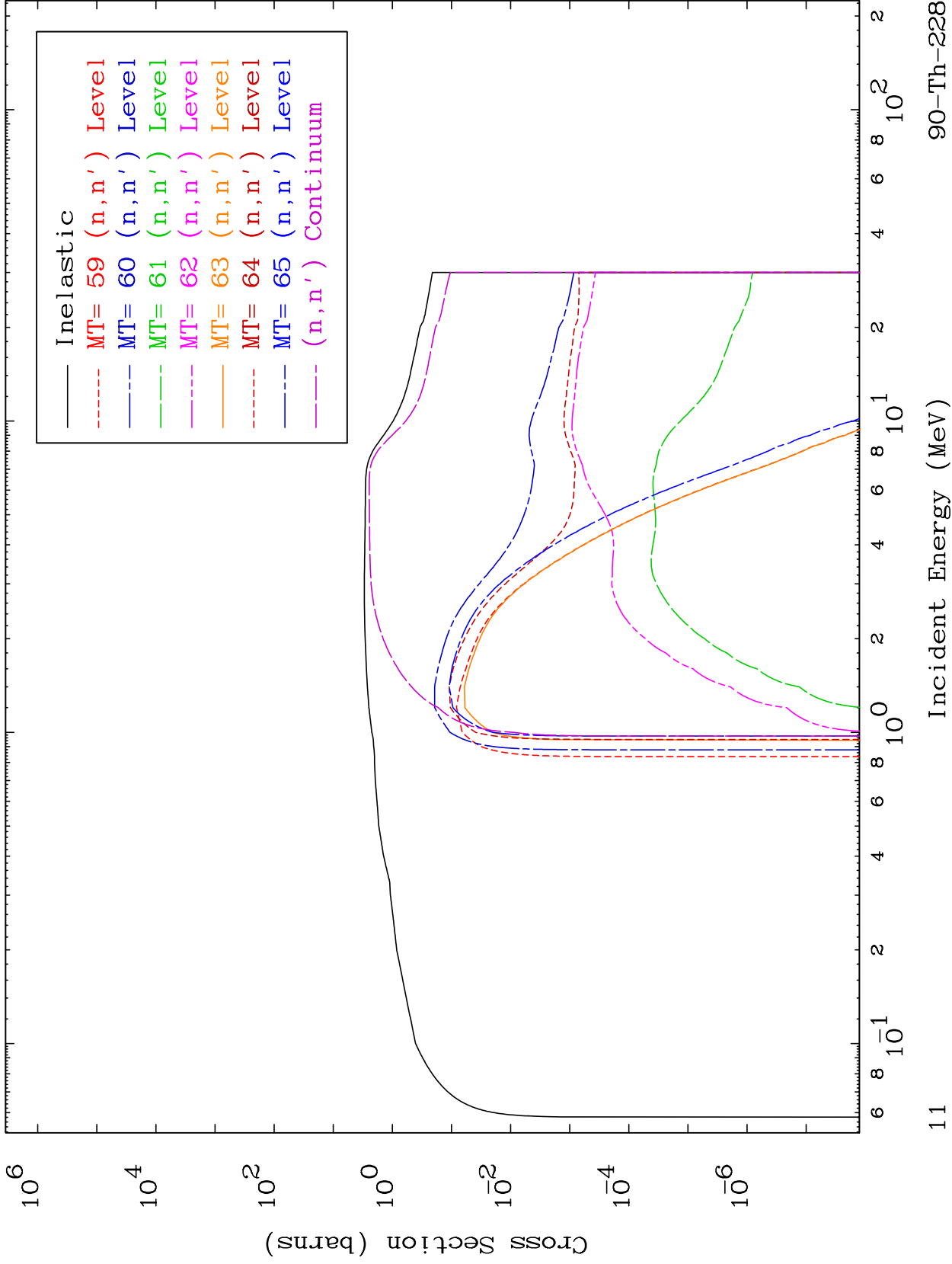
10

MAT 9028

(n,n') Levels

293 Kelvin Cross Sections

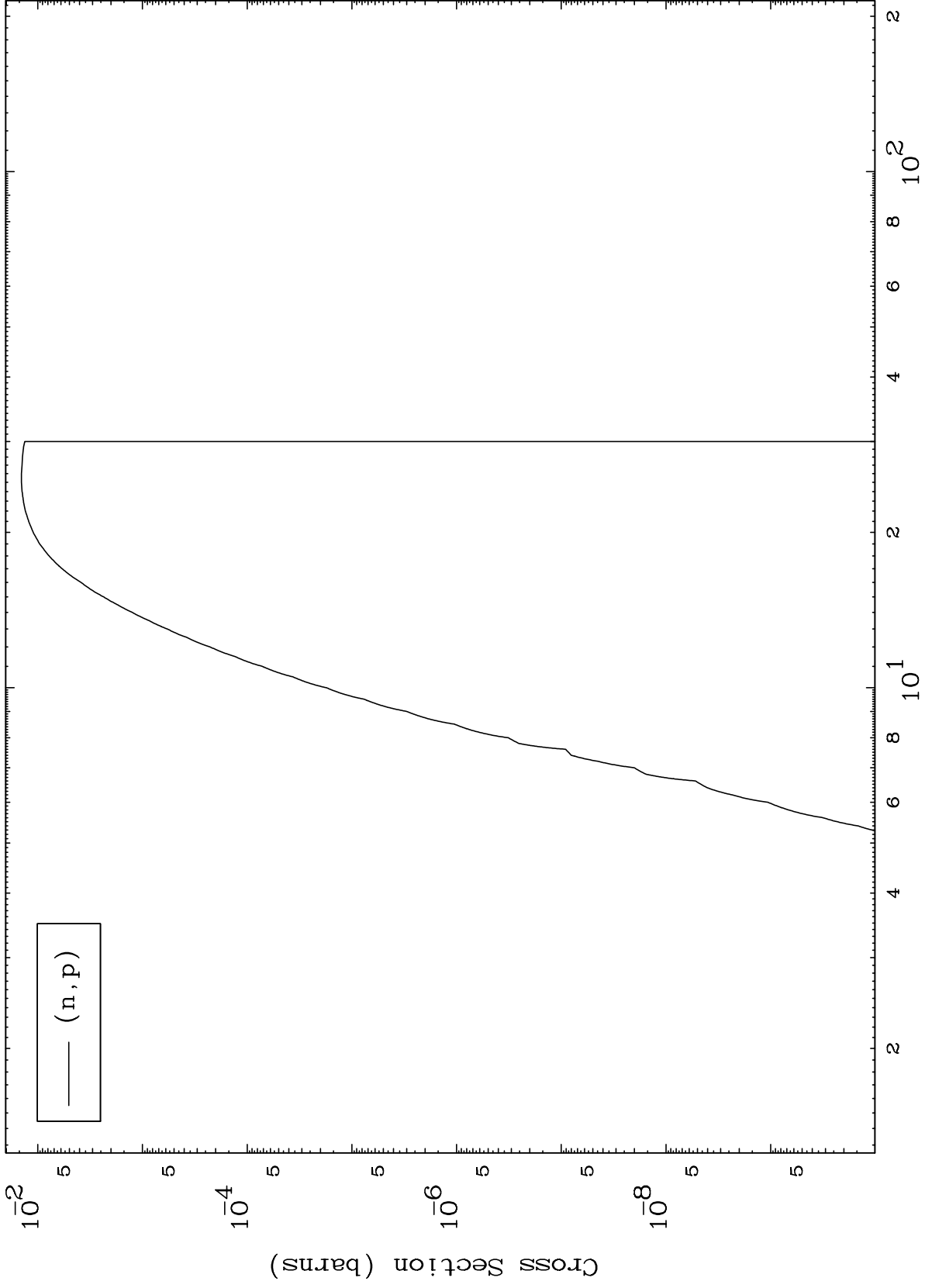
90-Th-228



MAT 9028

(n,p) Levels
293 Kelvin Cross Sections

90-Th-228



12

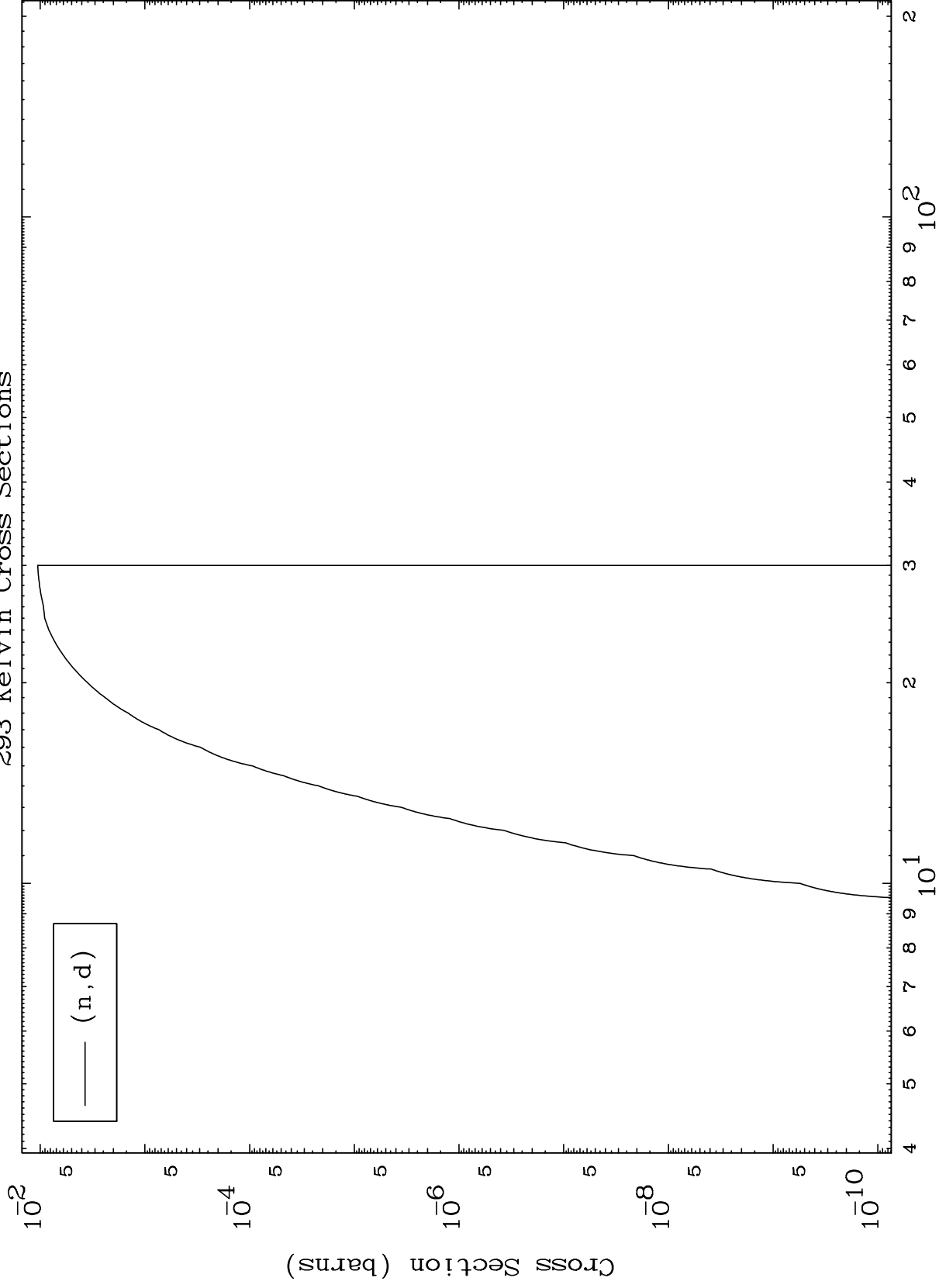
Incident Energy (MeV)

90-Th-228

MAT 9028

(n,d) Levels
293 Kelvin Cross Sections

90-Th-228



13

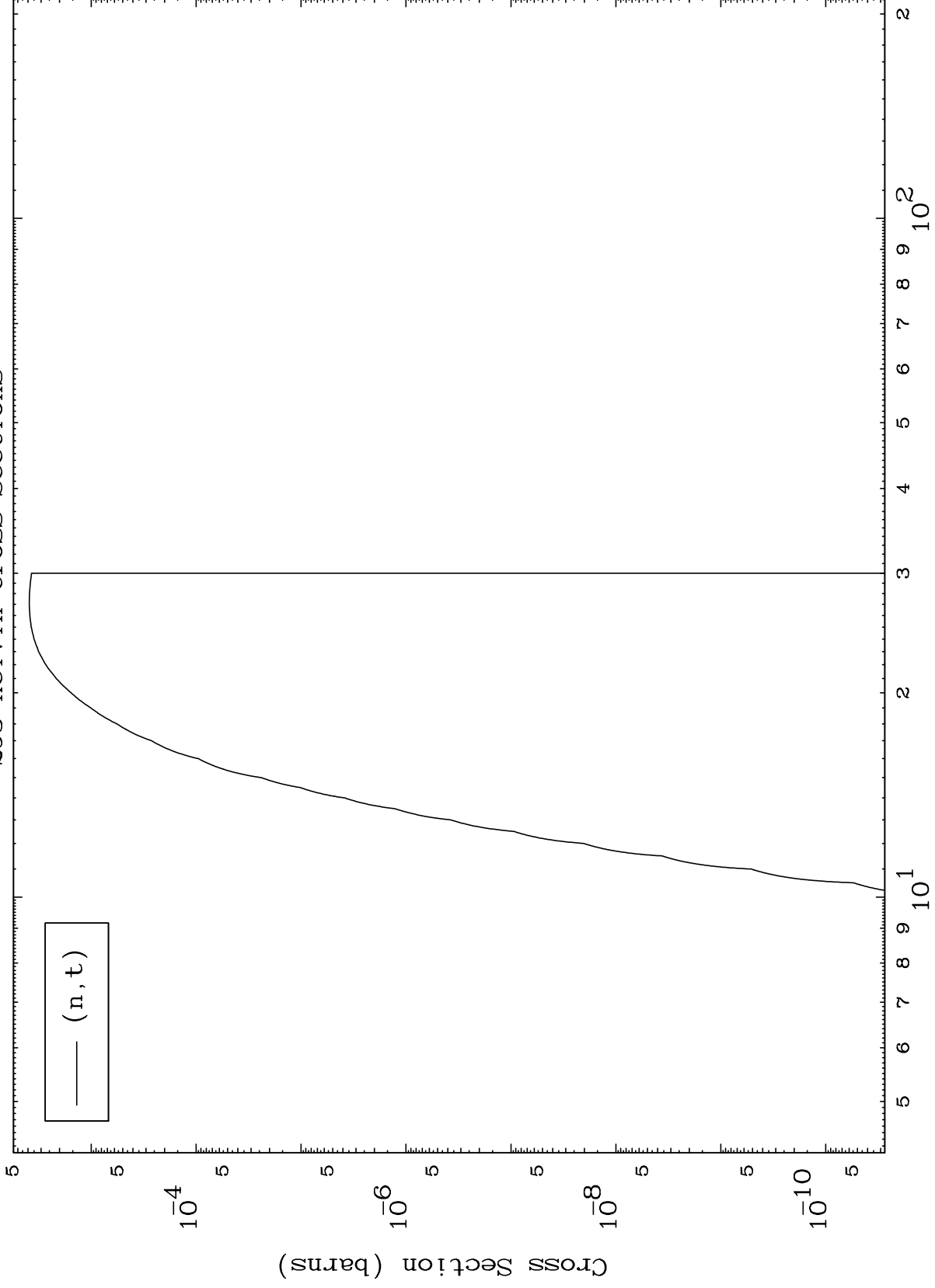
Incident Energy (MeV)

90-Th-228

MAT 9028

(n,t) Levels
293 Kelvin Cross Sections

90-Th-228



14

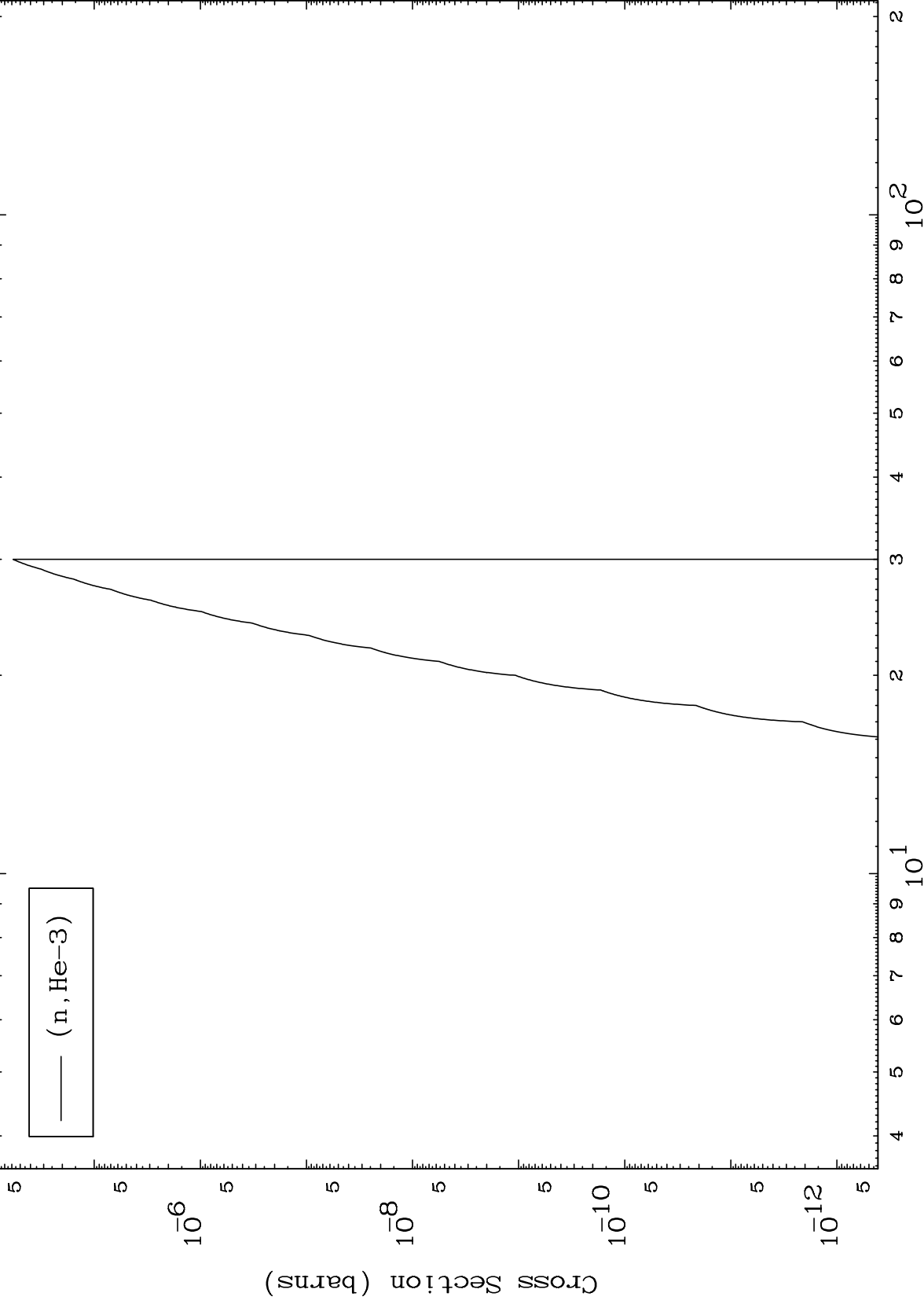
Incident Energy (MeV)

90-Th-228

MAT 9028

(n,He3) Levels
293 Kelvin Cross Sections

90-Th-228



15

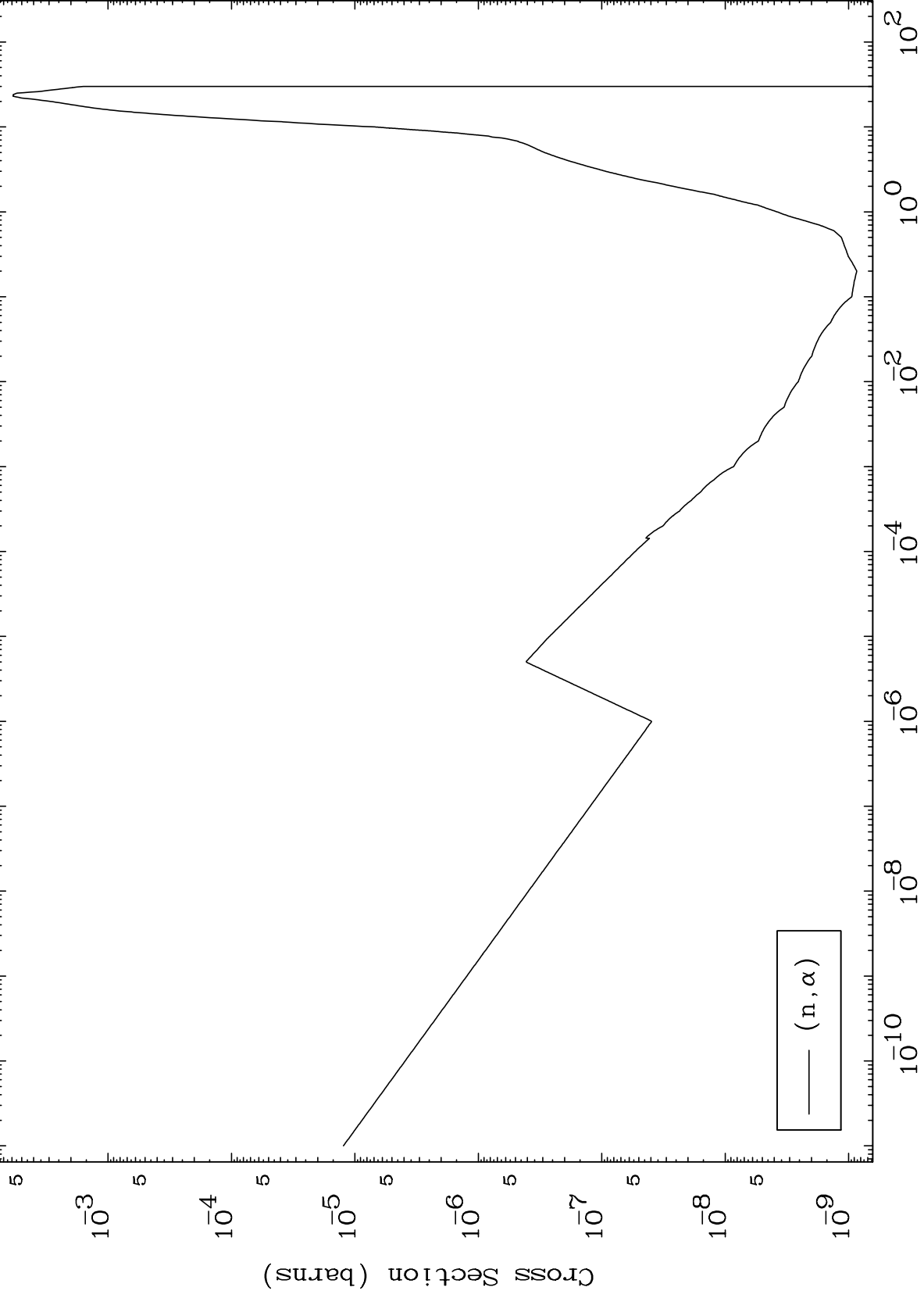
Incident Energy (MeV)

90-Th-228

MAT 9028

(n,α) Levels
293 Kelvin Cross Sections

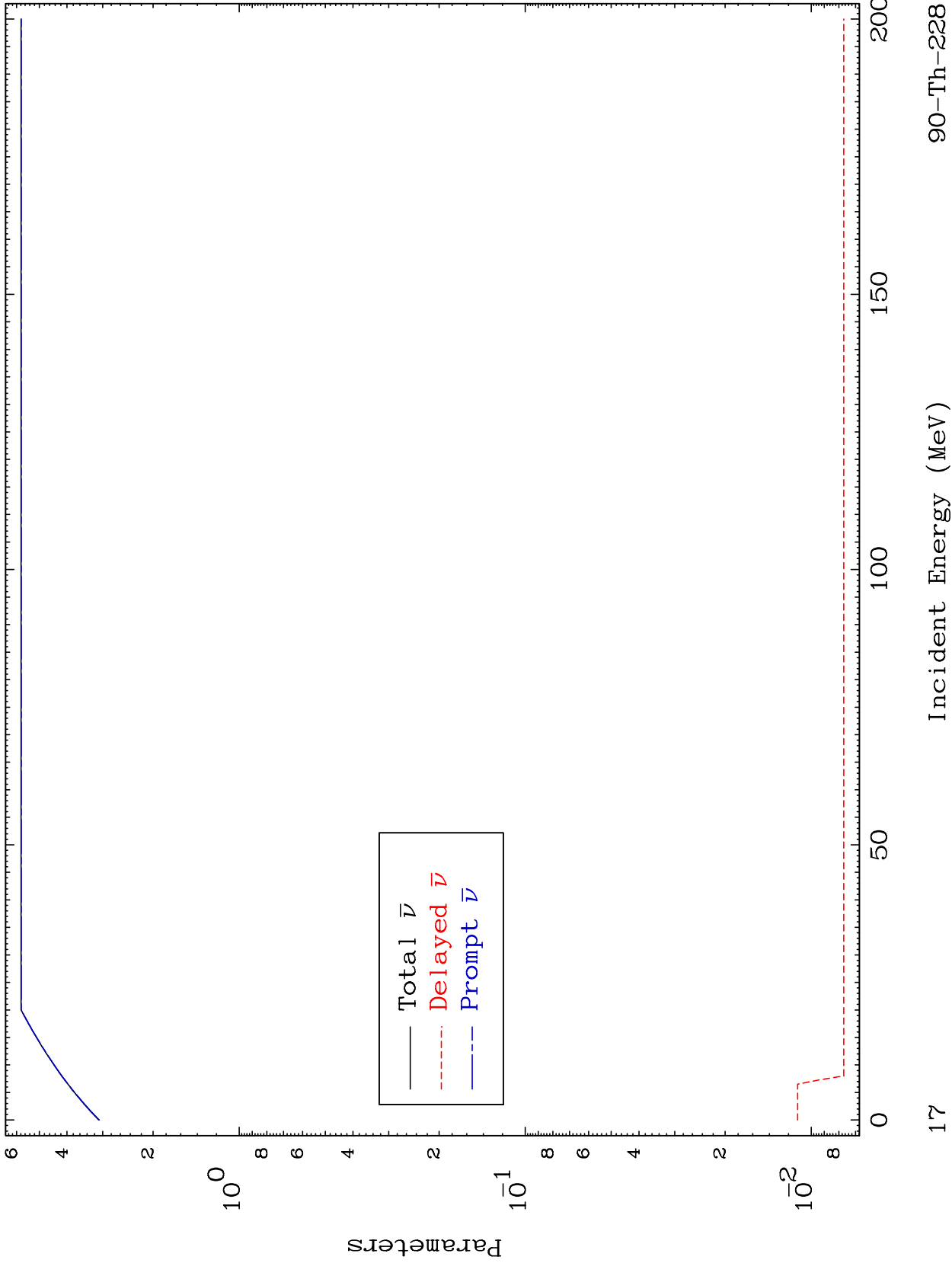
90-Th-228



MAT 9028

Energy Release
Parameters

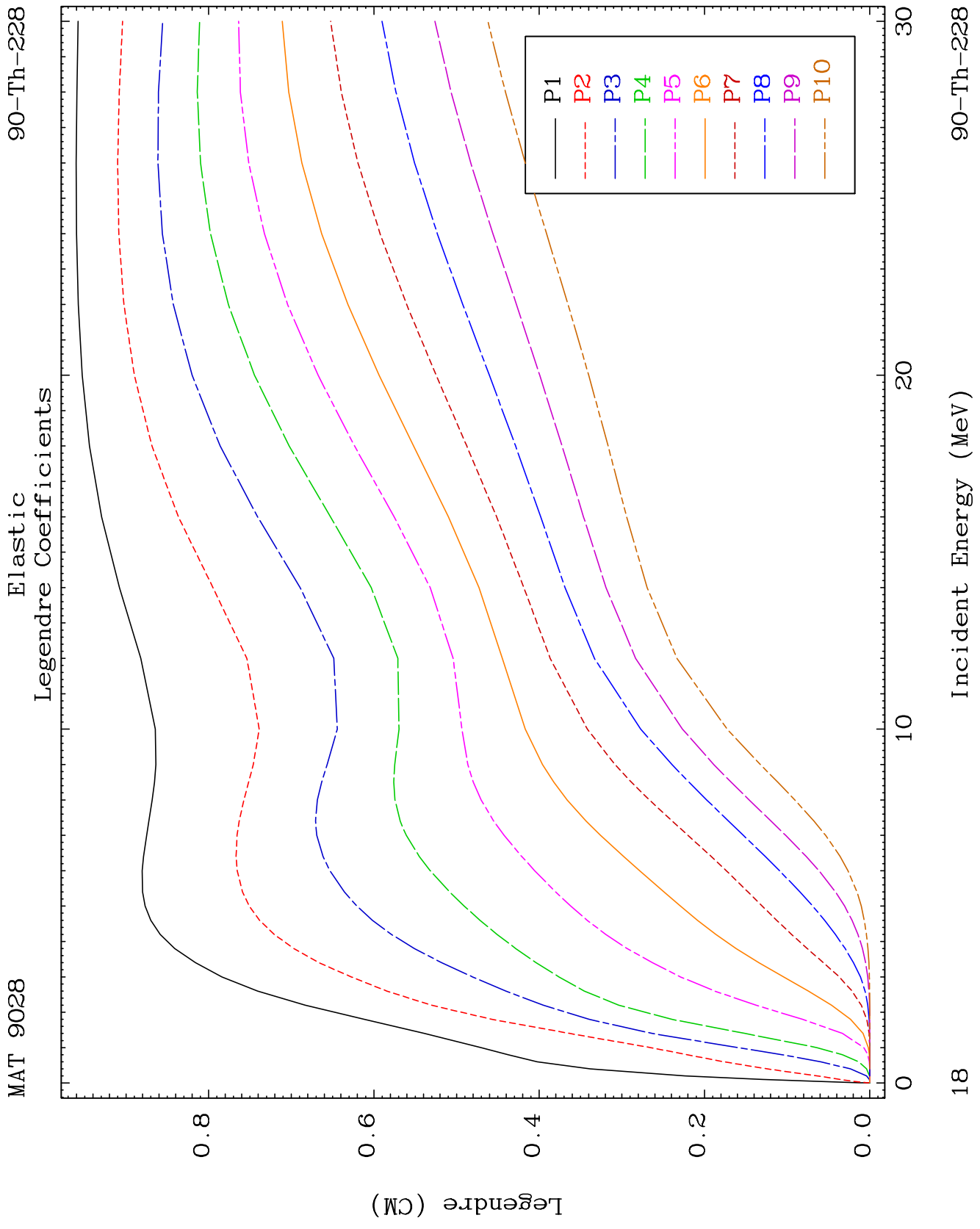
90-Th-228



17

Incident Energy (MeV)

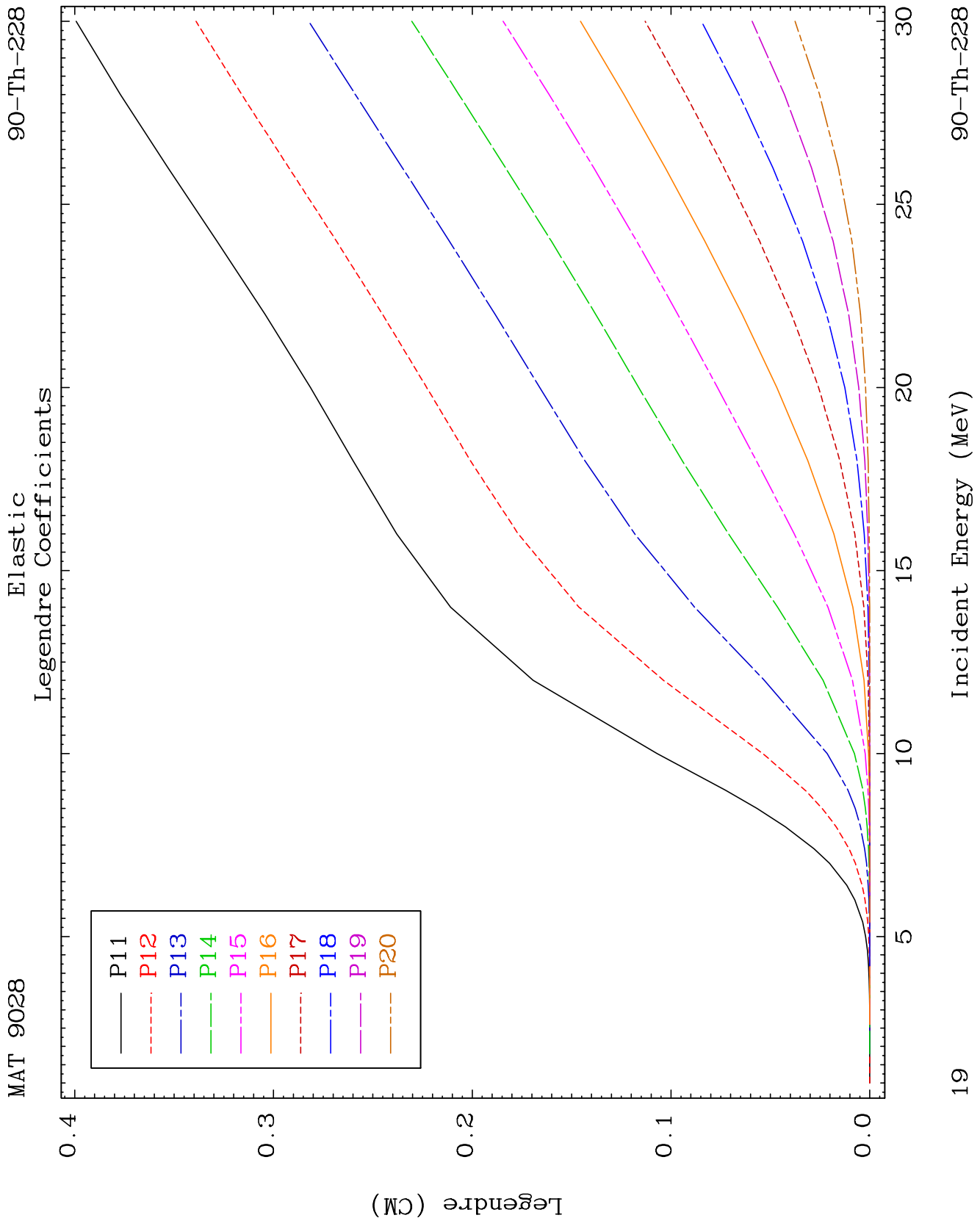
90-Th-228



18

Incident Energy (MeV)

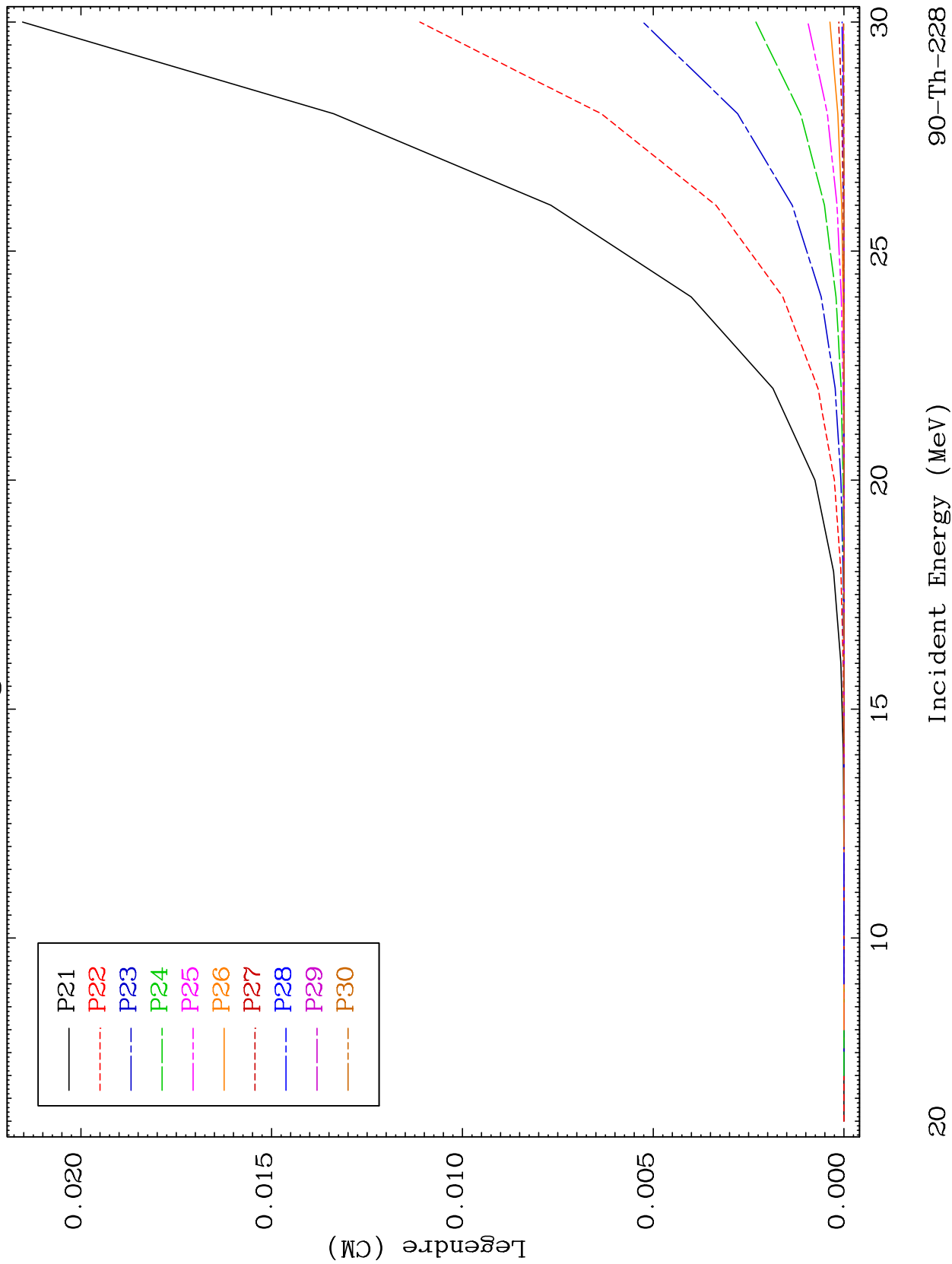
90-Th-228



MAT 9028

Elastic Legendre Coefficients

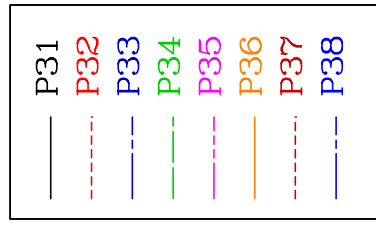
90-Th-228



MAT 9028

Elastic
Legendre Coefficients

90-Th-228



$\times 10^{-6}$

Legendre (CM)

1.0

0.5

0.0

18

20

22

24

26

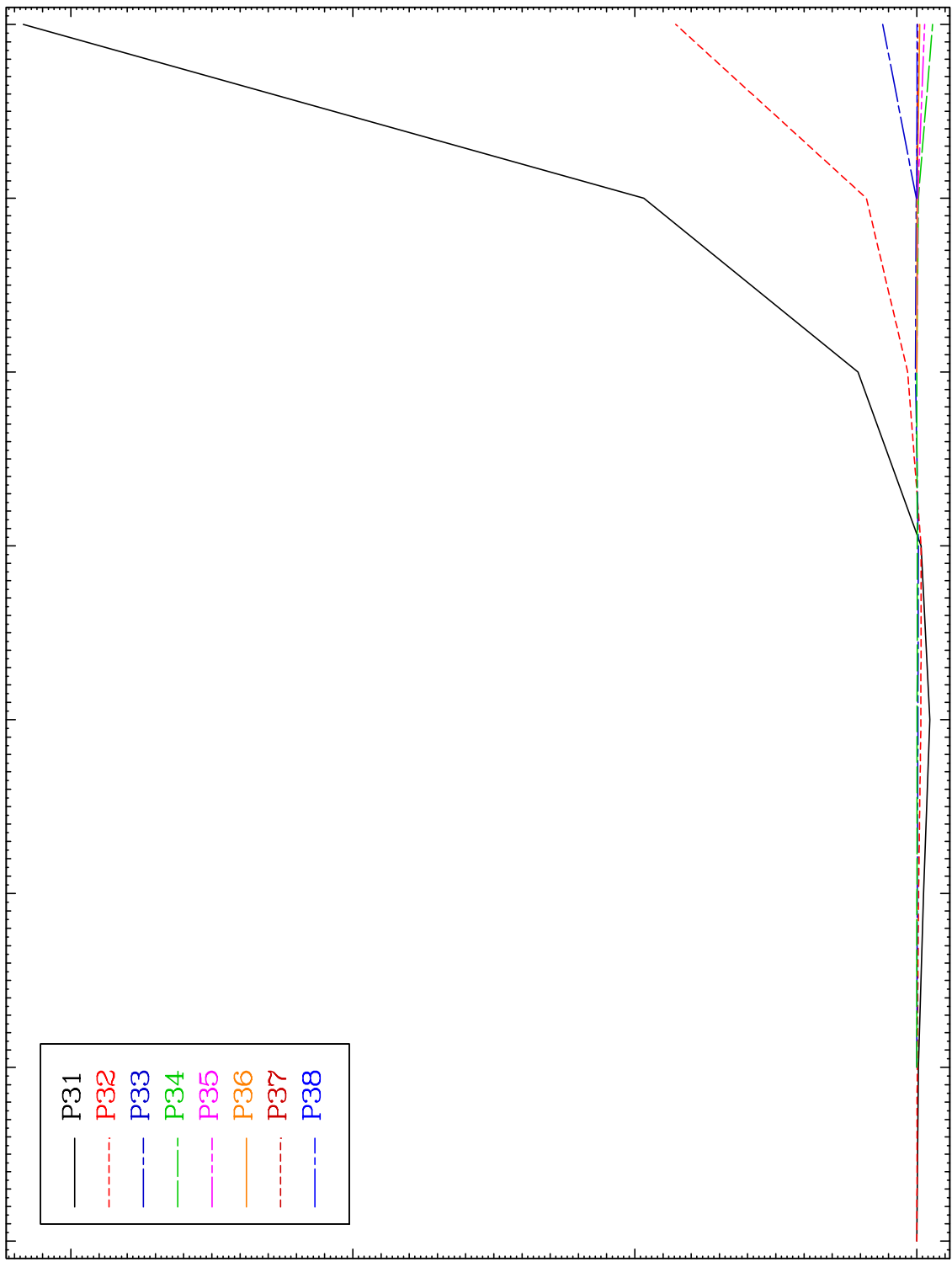
28

30

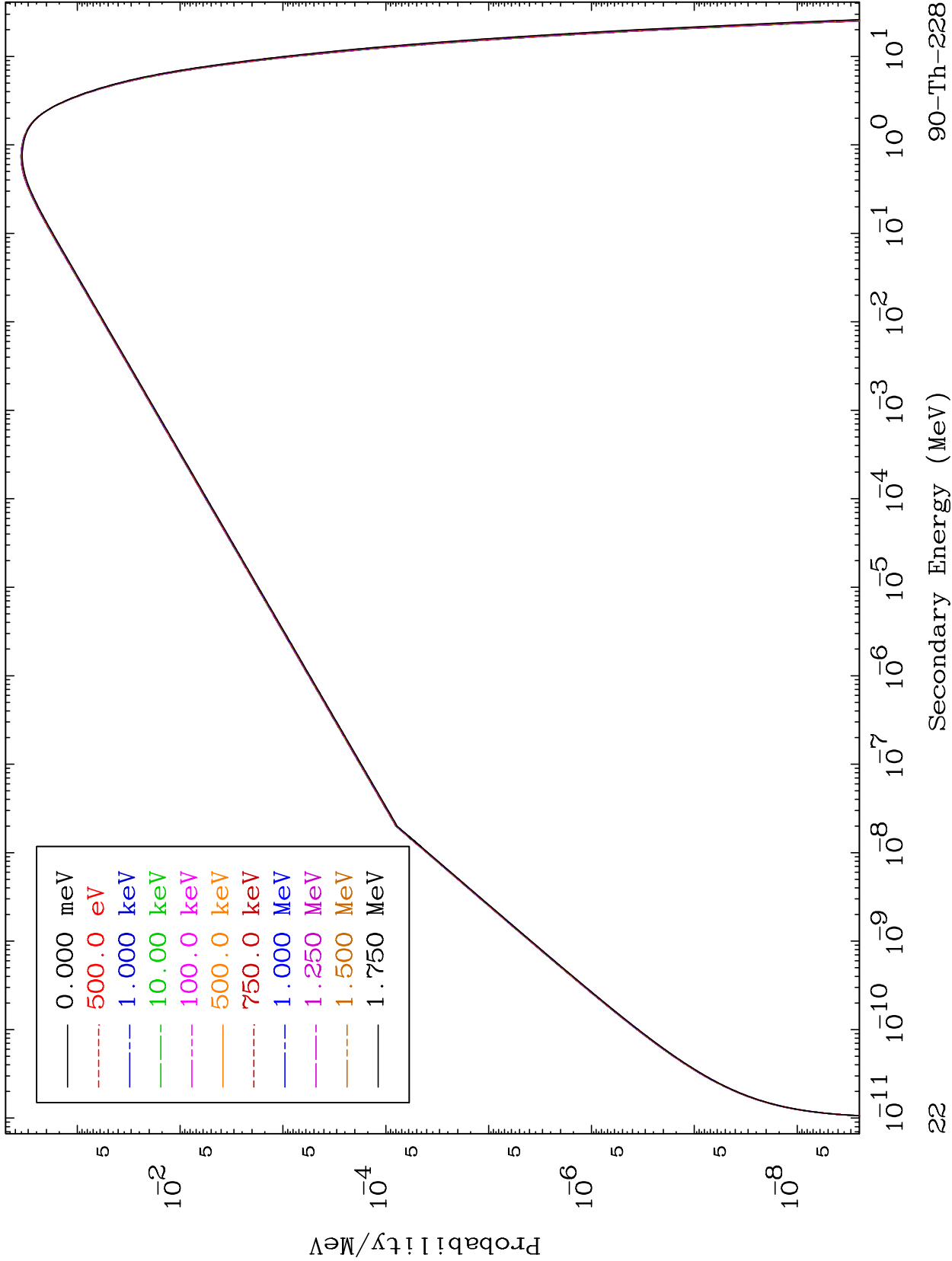
21

Incident Energy (MeV)

90-Th-228



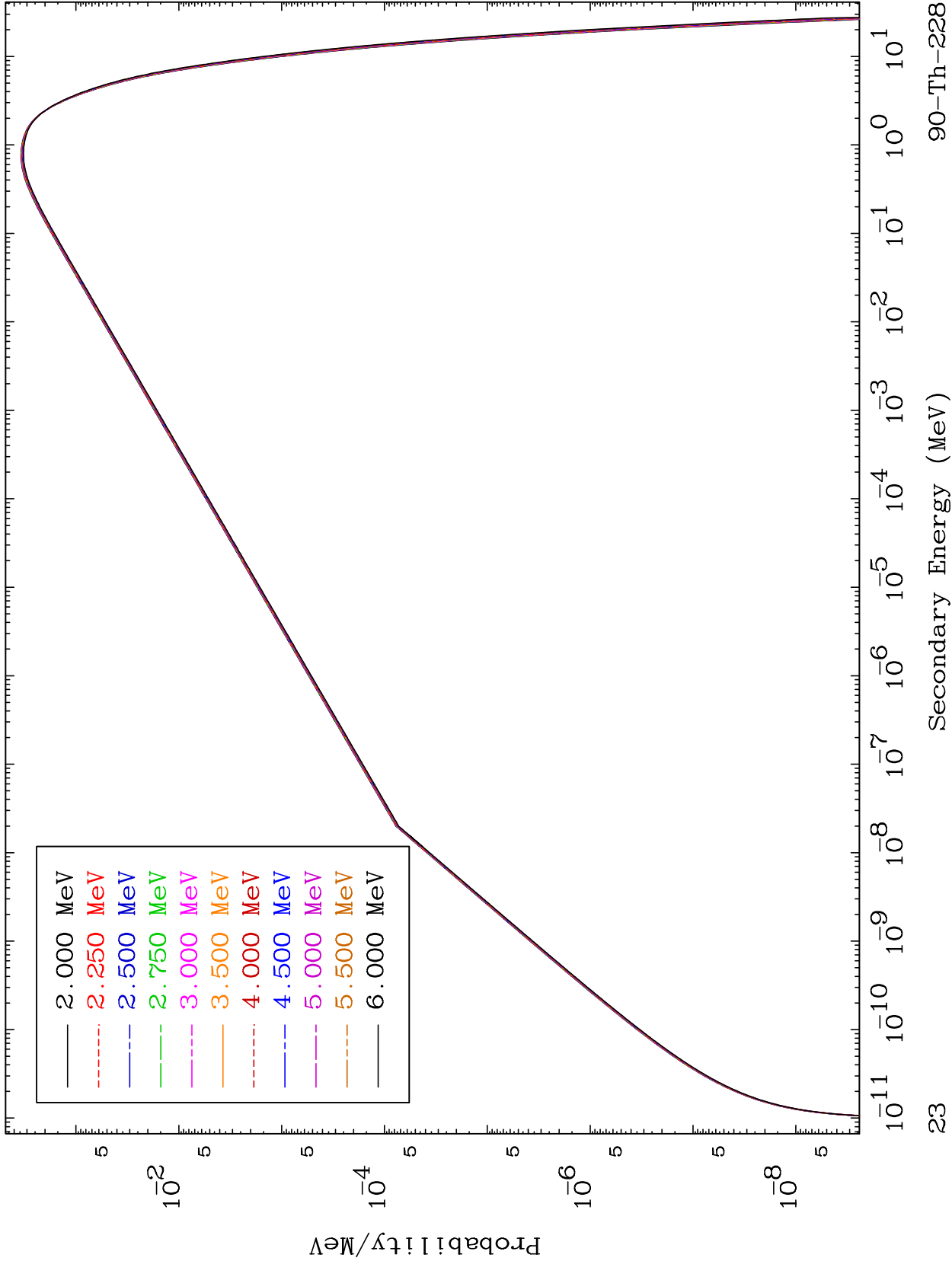
Fission Energy Distributions



MAT 9028

Fission Energy Distributions

90-Th-228



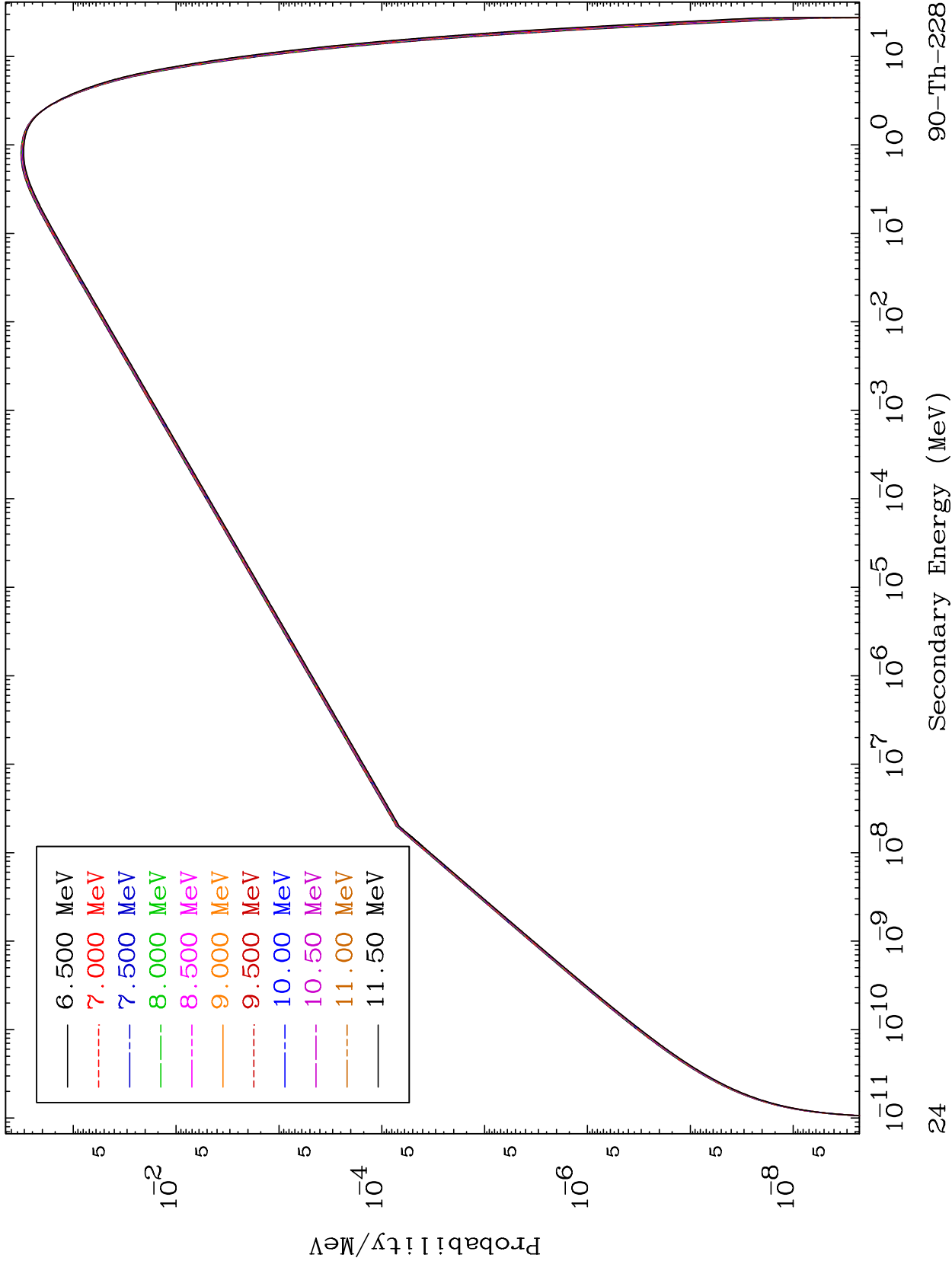
90-Th-228

Secondary Energy (MeV)

MAT 9028

Fission Energy Distributions

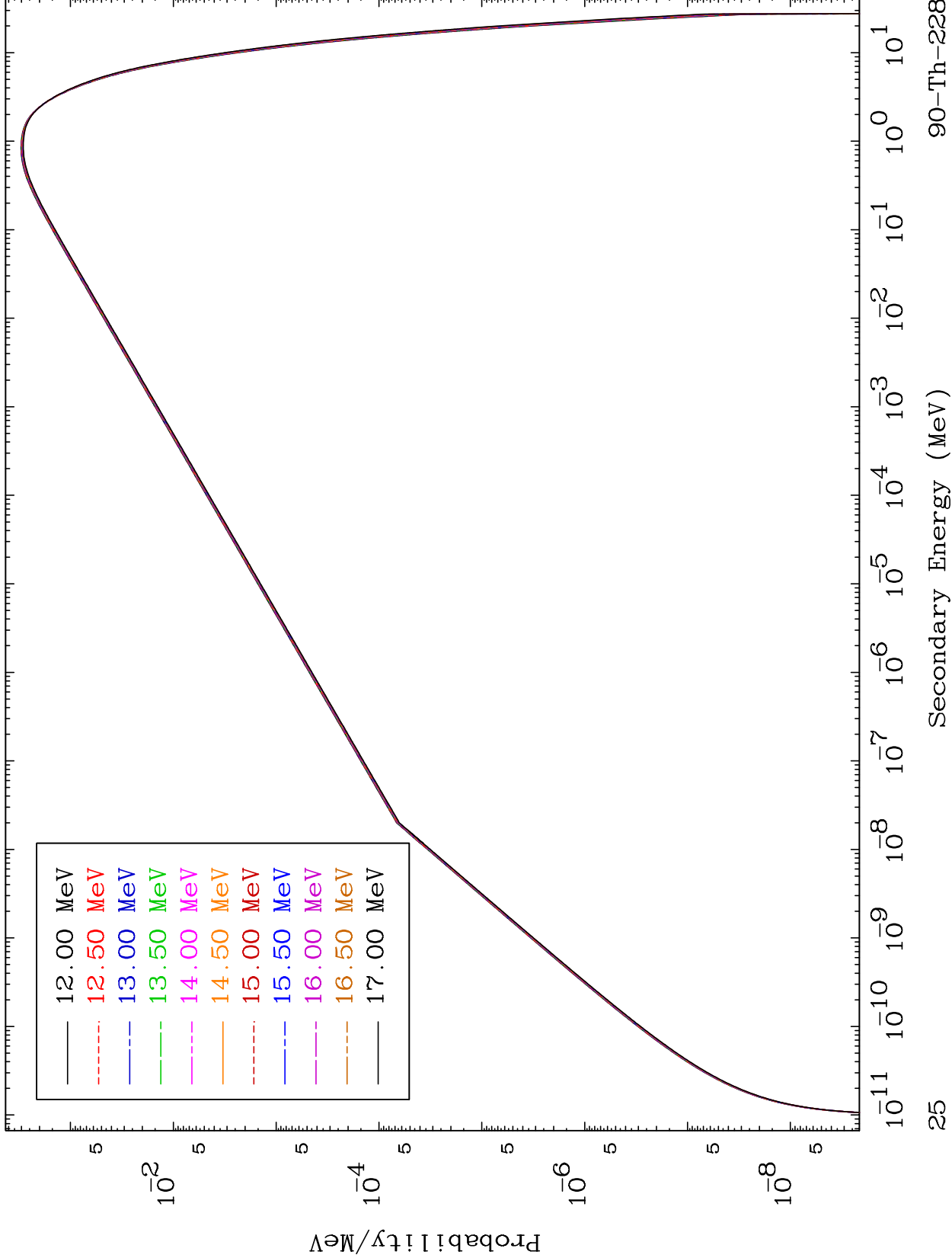
90-Th-228



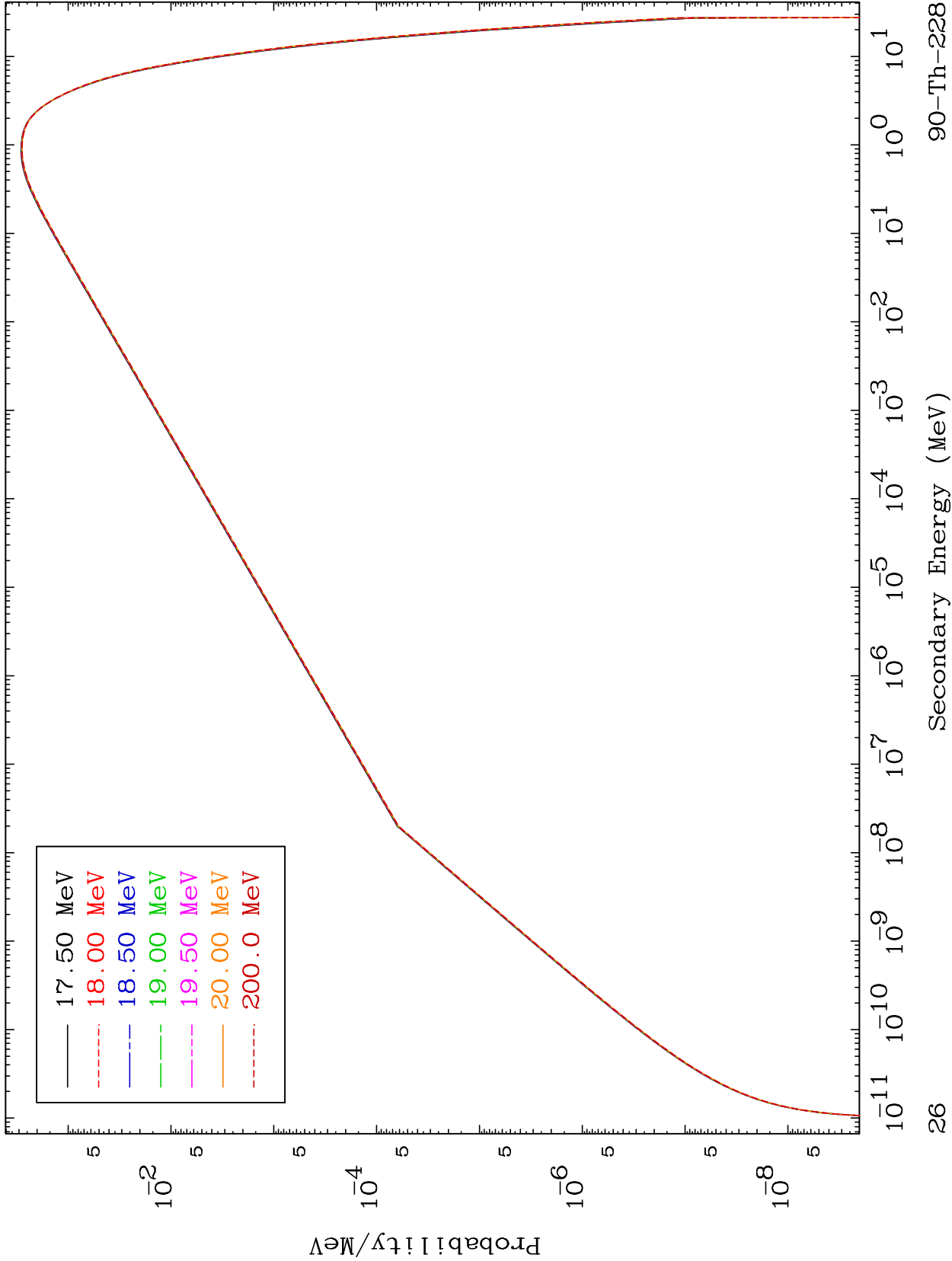
MAT 9028

Fission Energy Distributions

90-Th-228



Fission Energy Distributions



MAT 9028

(n,p) α

90-Th-228

Radionuclide Production Cross Section

