

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

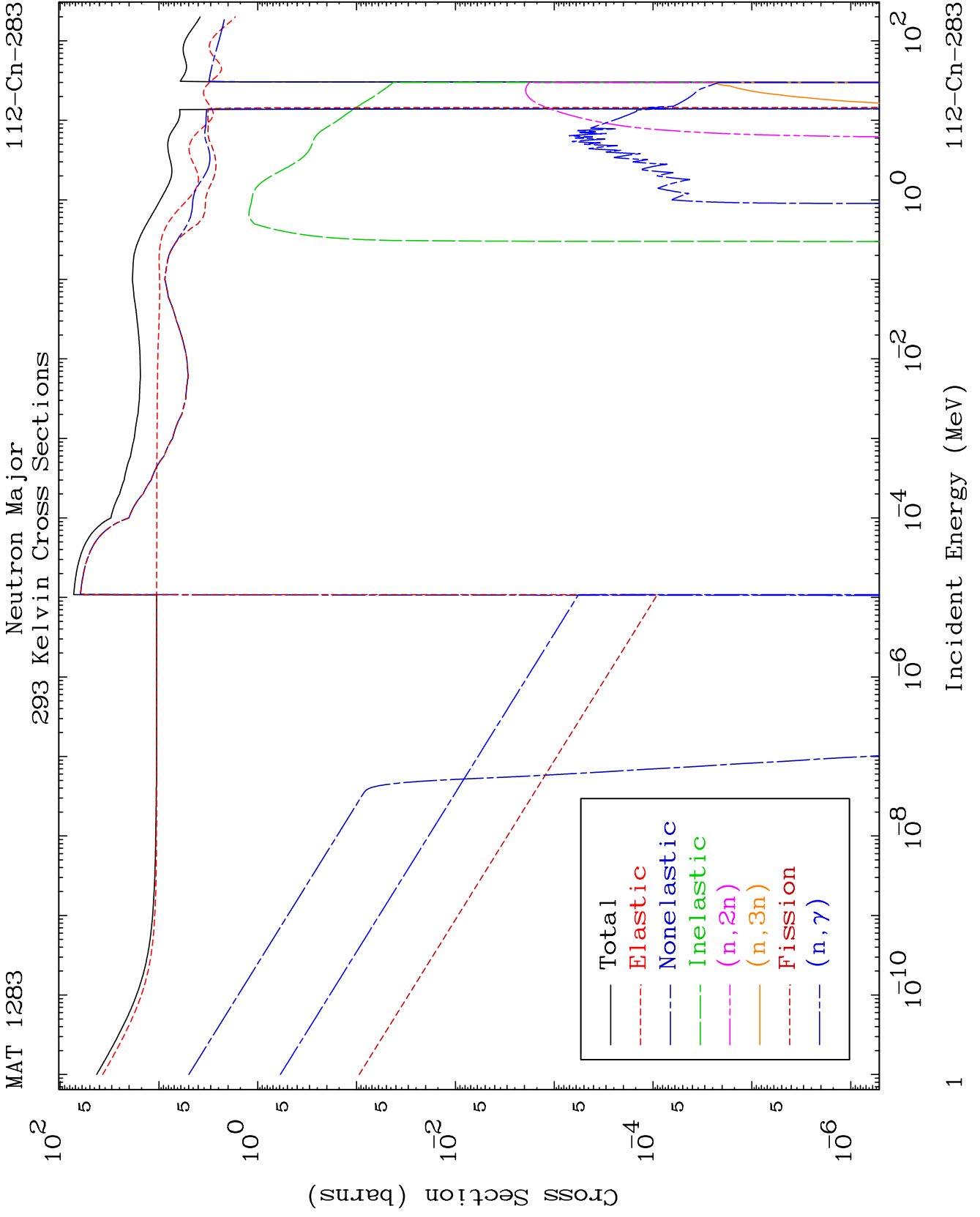
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

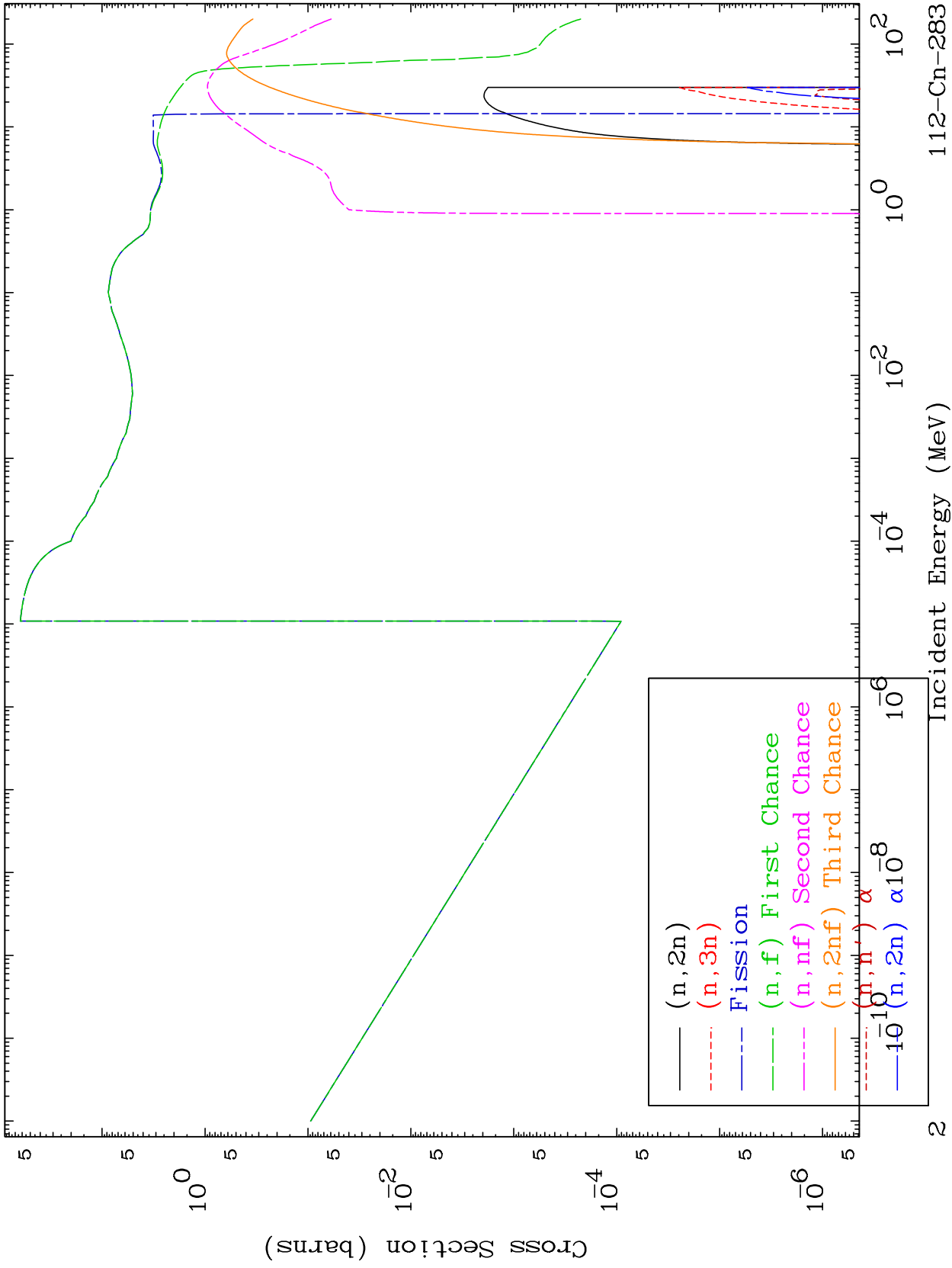
Press Mouse Button to Start

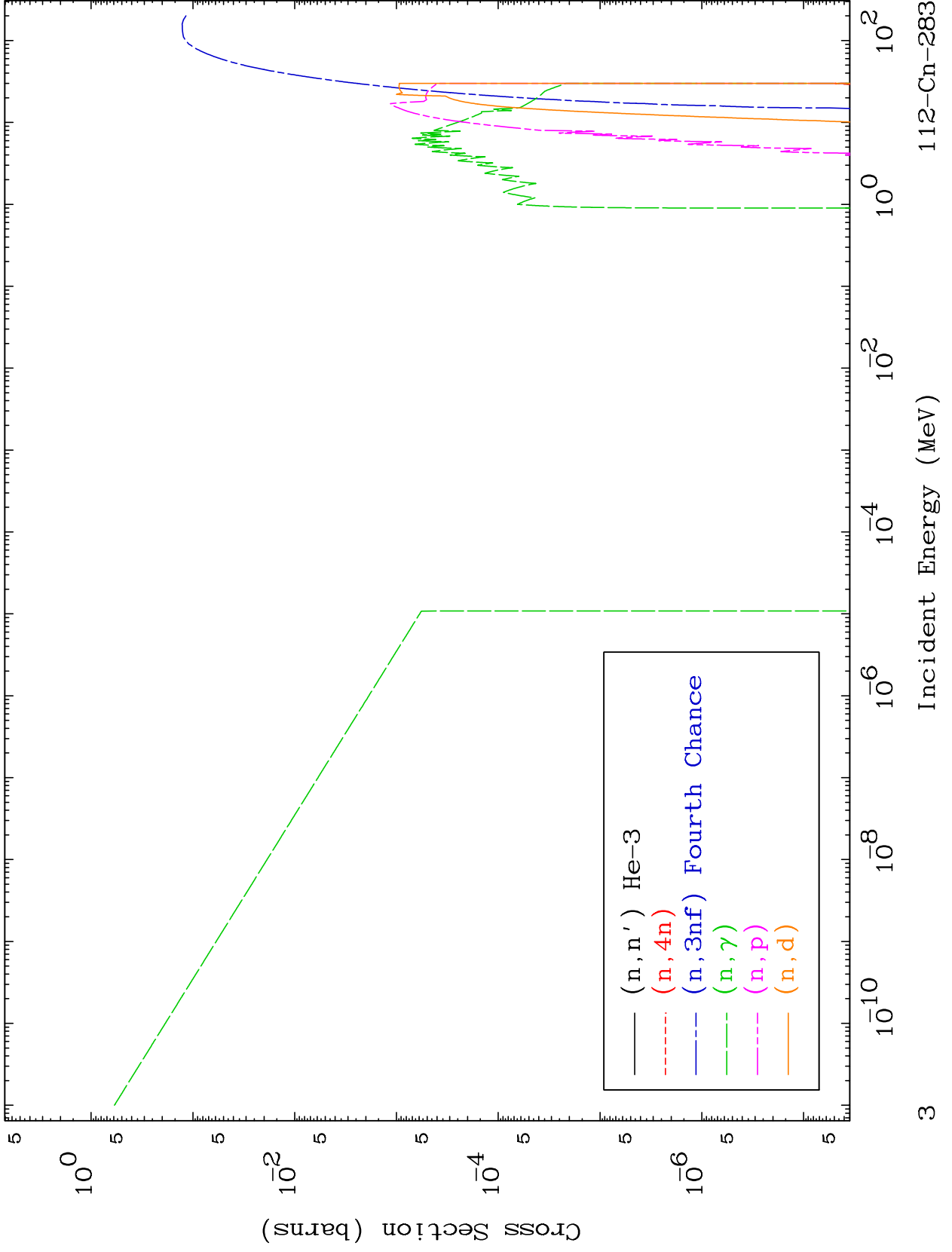


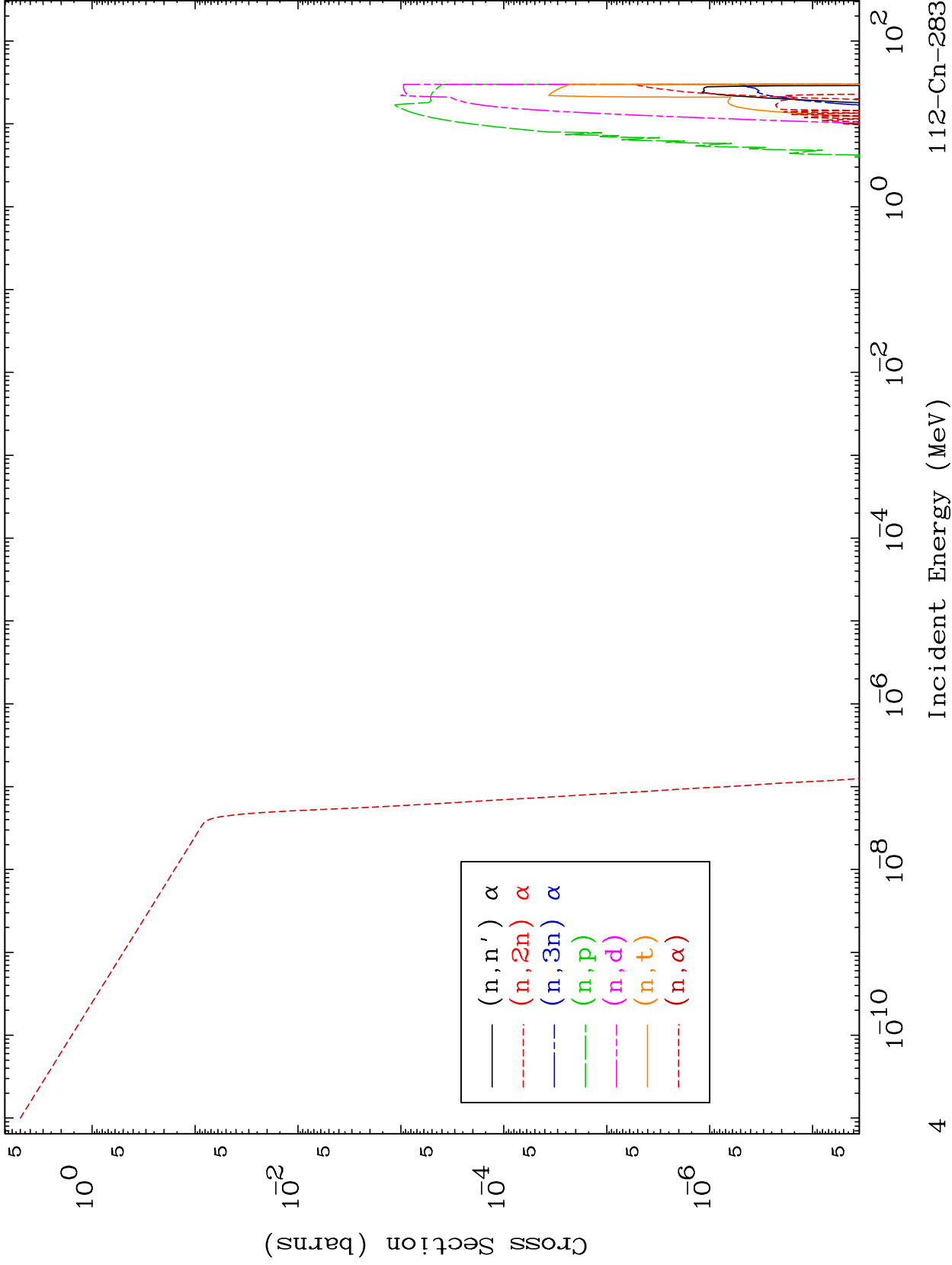
MAT 1283

Neutron Absorption
293 Kelvin Cross Sections

112-Cn-283



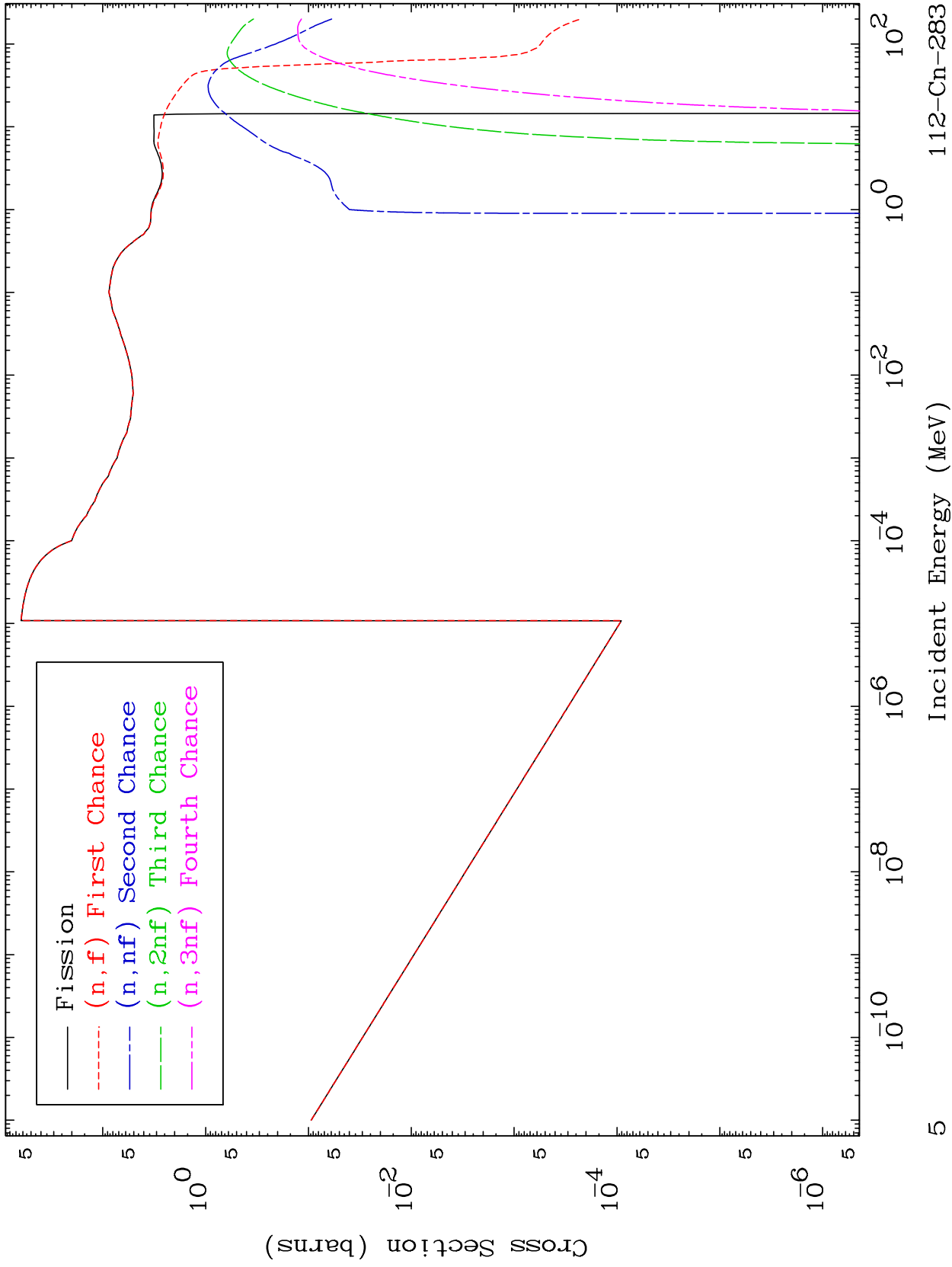




MAT 1283

Fission
293 Kelvin Cross Sections

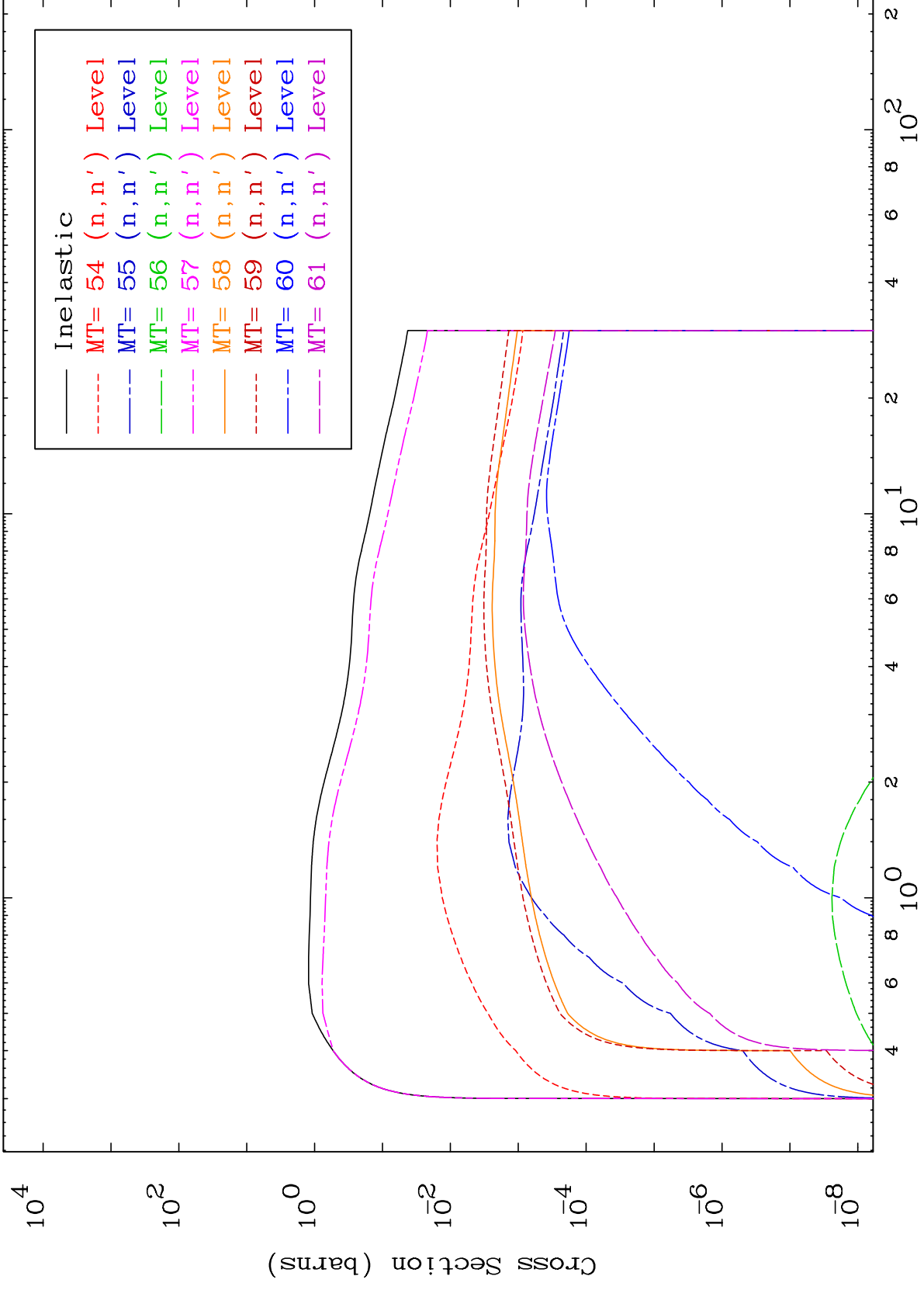
112-Cn-283



MAT 1283

(n,n') Levels
293 Kelvin Cross Sections

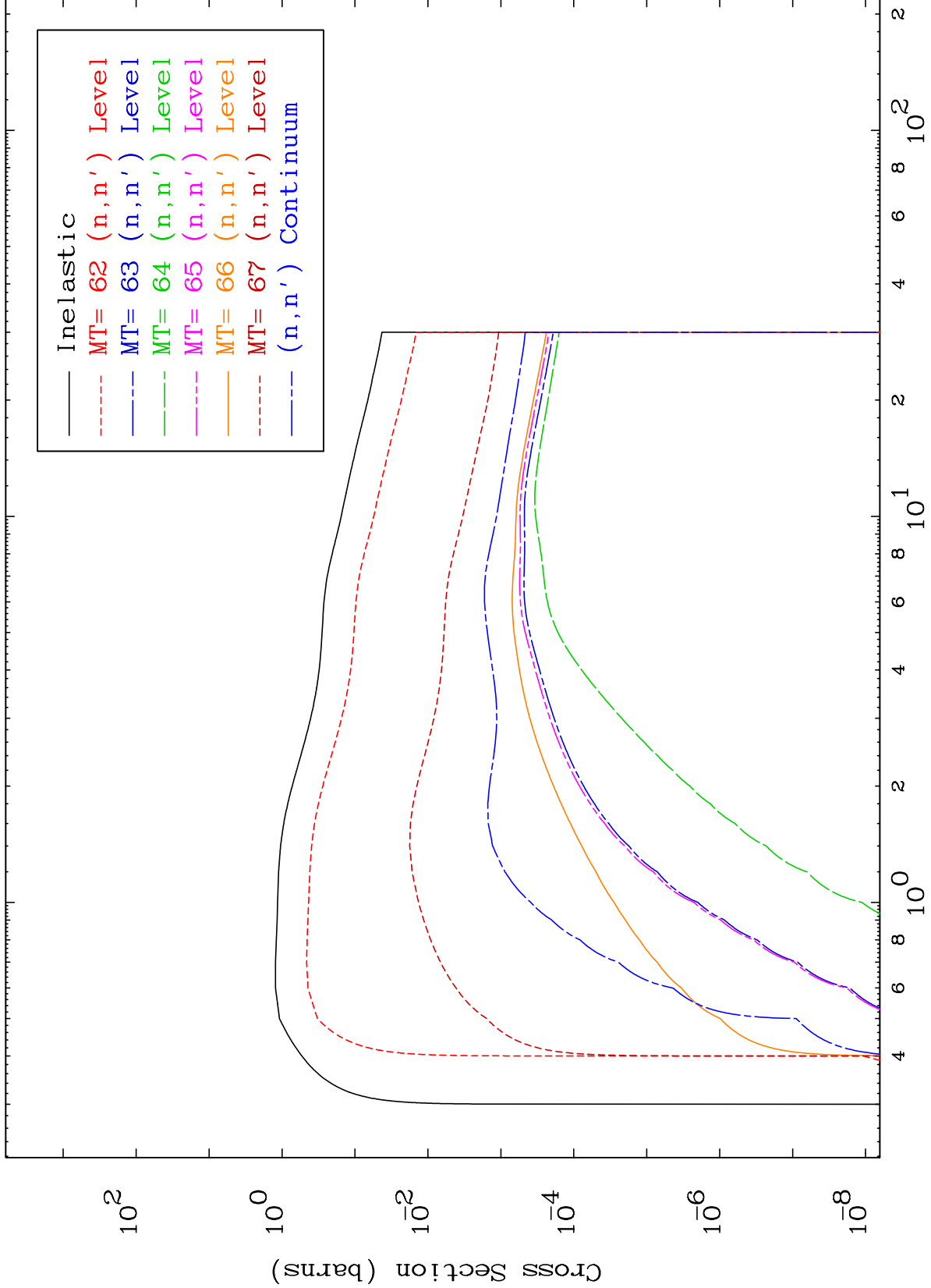
112-Cn-283



6

Incident Energy (MeV)

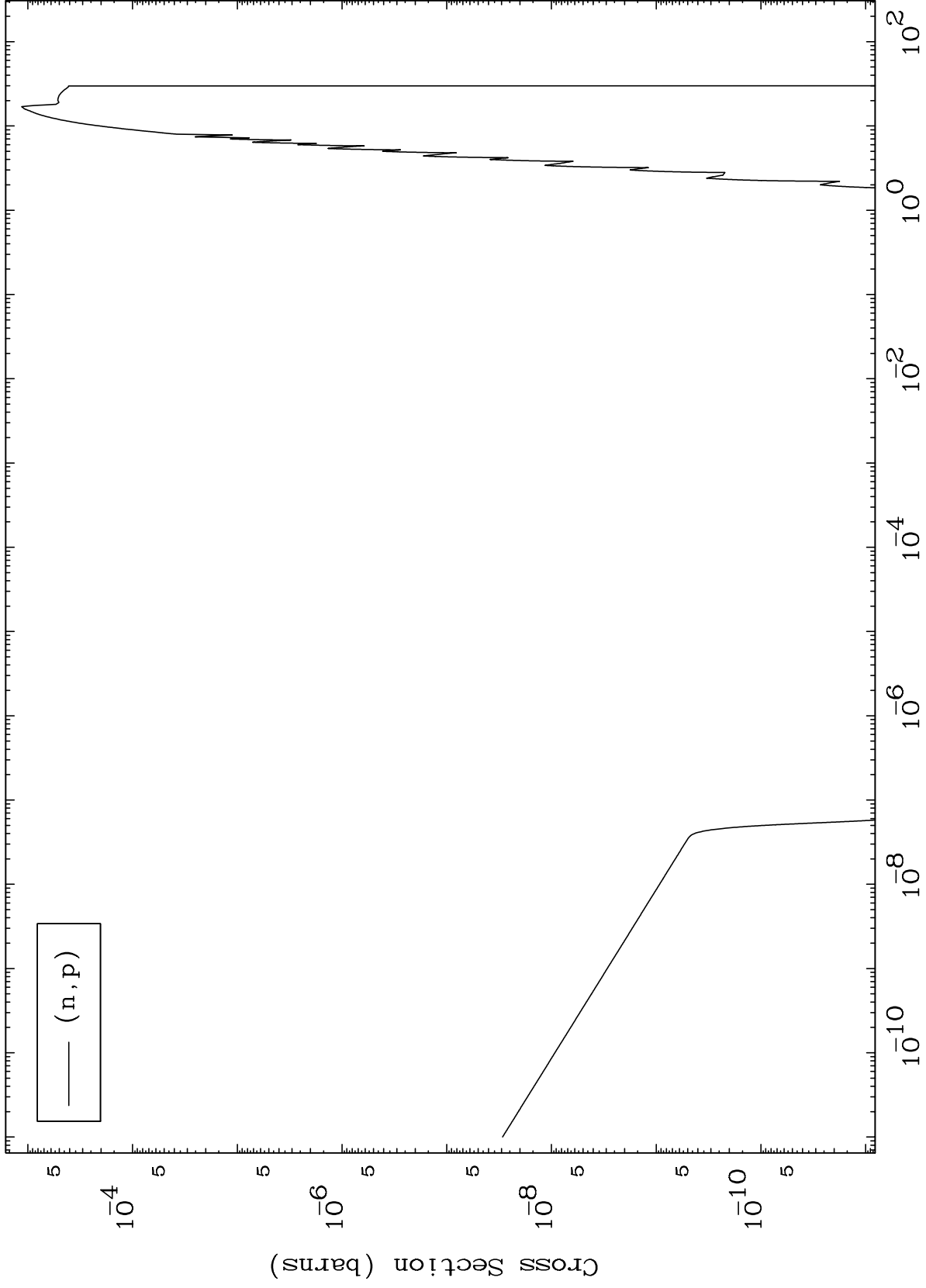
112-Cn-283



MAT 1283

(n,p) Levels
293 Kelvin Cross Sections

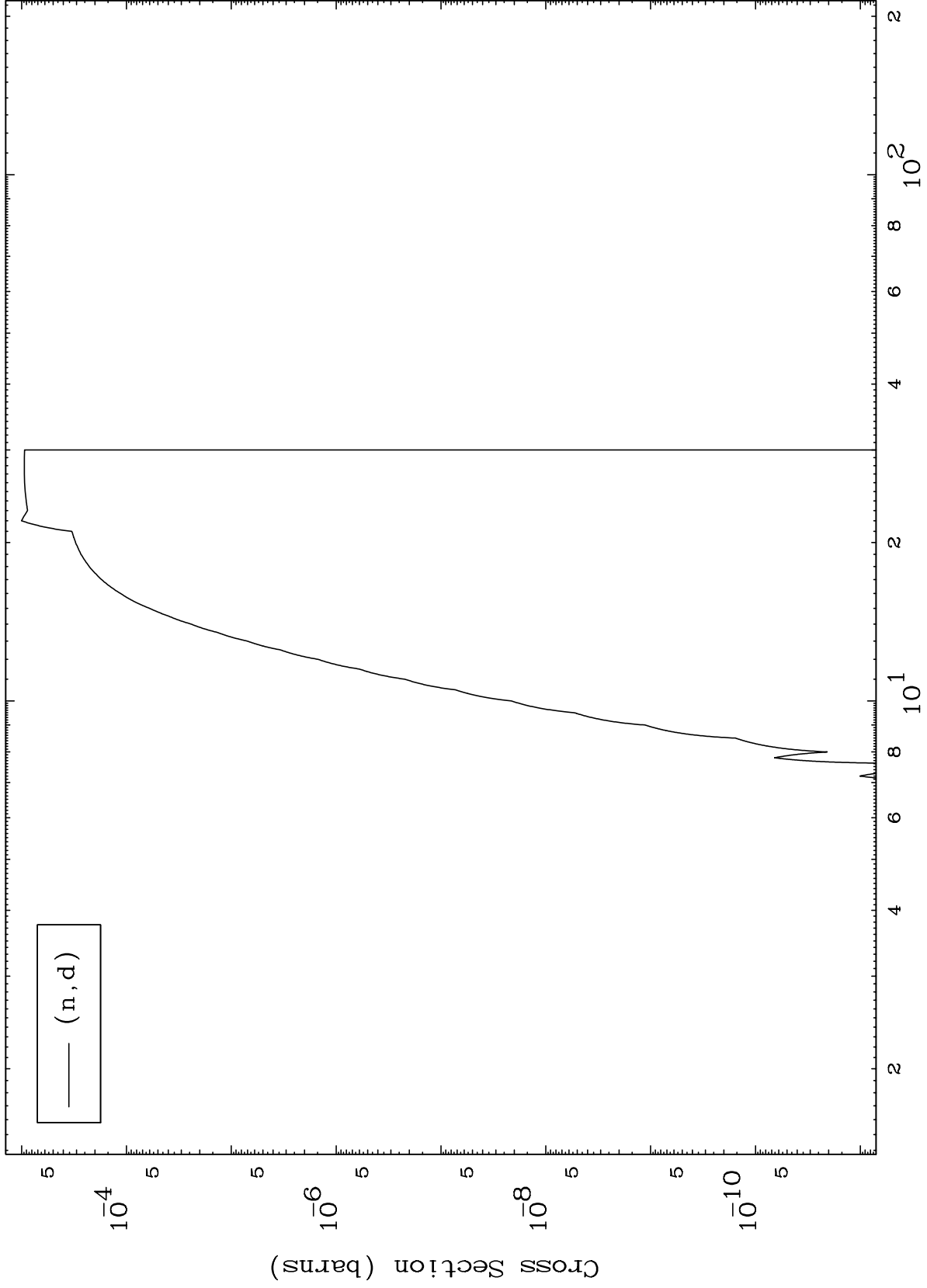
112-Cn-283



MAT 1283

(n,d) Levels
293 Kelvin Cross Sections

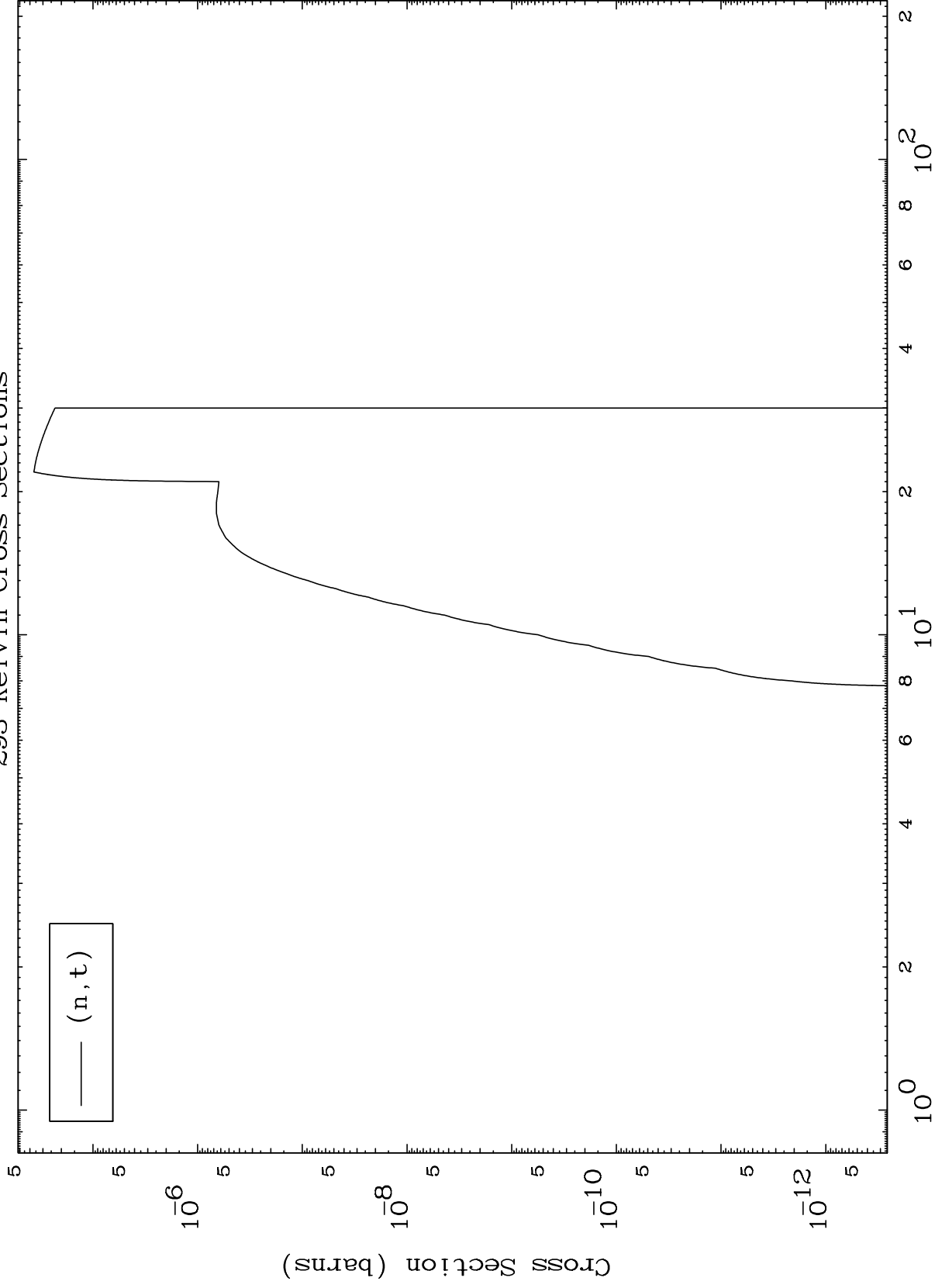
112-Cn-283



MAT 1283

(n,t) Levels
293 Kelvin Cross Sections

112-Cn-283



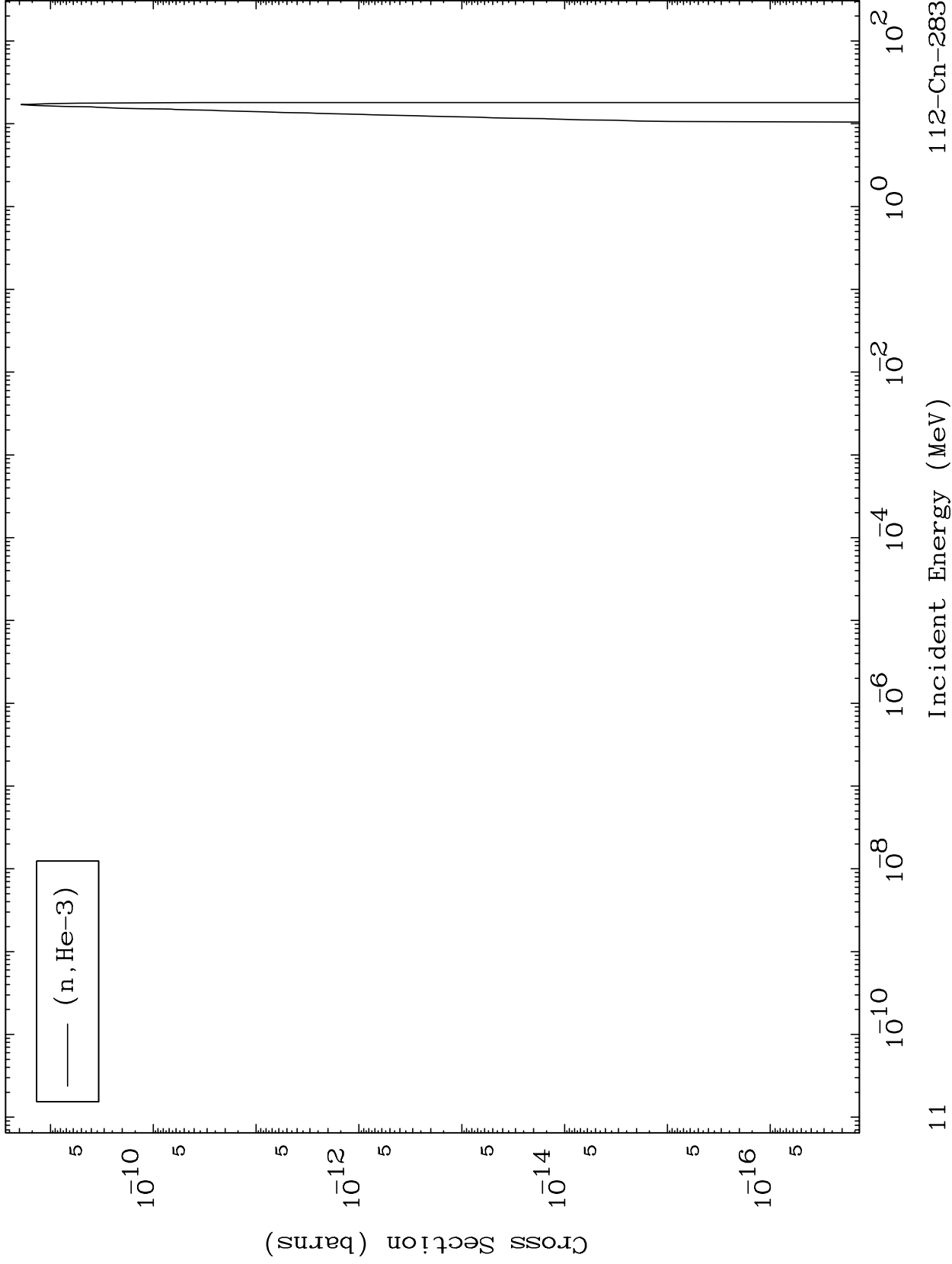
Incident Energy (MeV)

112-Cn-283

MAT 1283

(n,He3) Levels
293 Kelvin Cross Sections

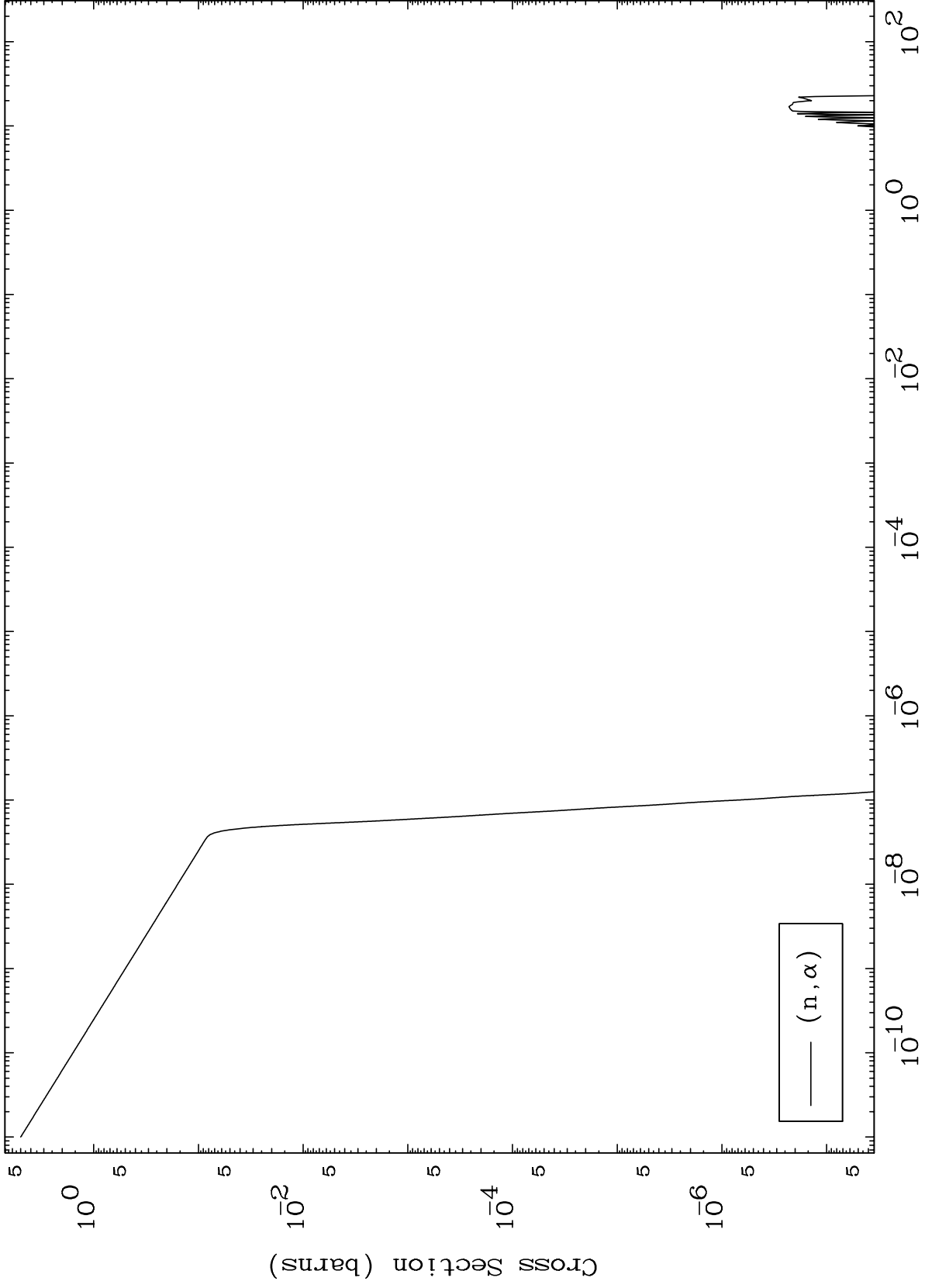
112-Cn-283



MAT 1283

(n, α) Levels
293 Kelvin Cross Sections

112-Cn-283



12

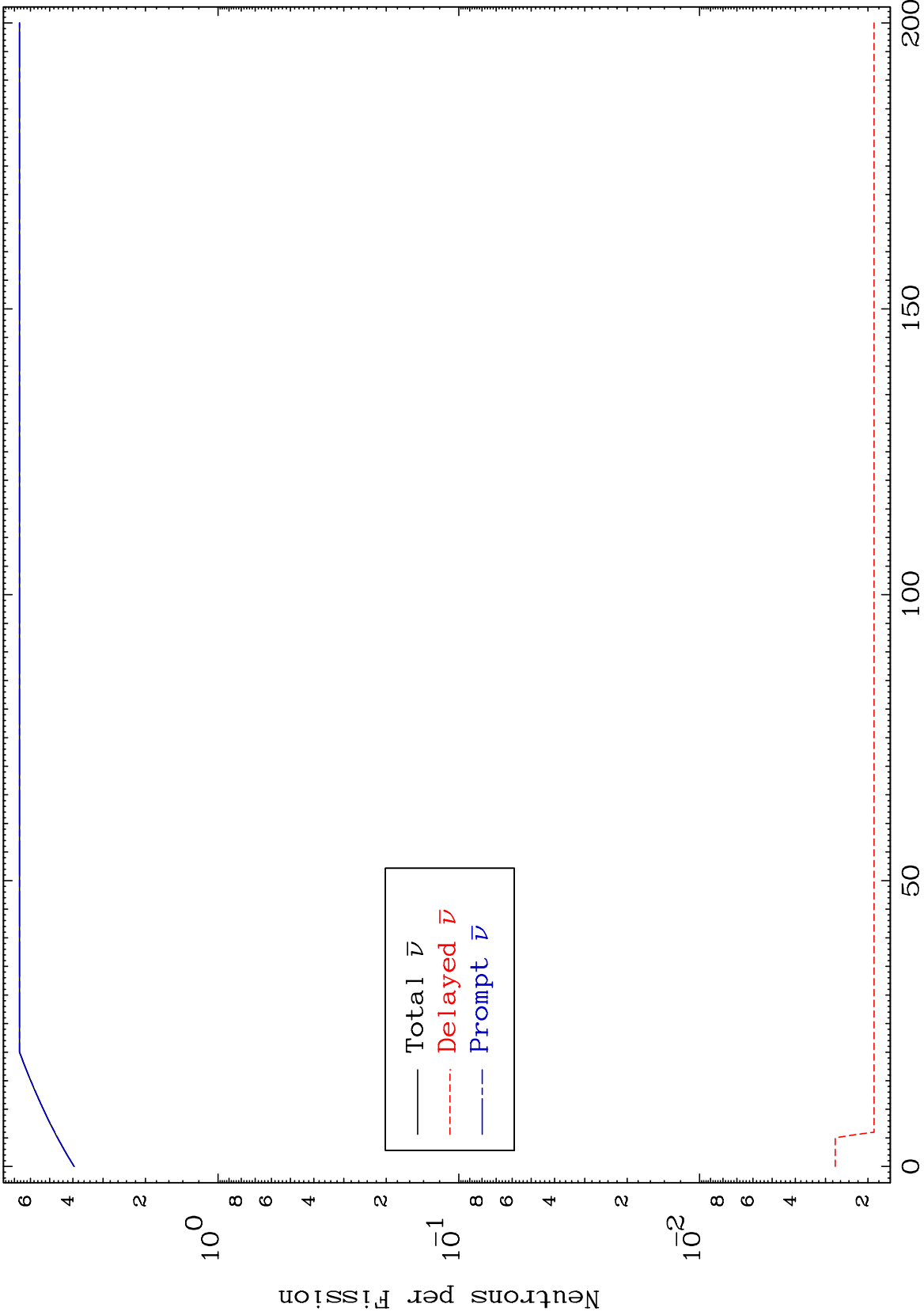
Incident Energy (MeV)

112-Cn-283

MAT 1283

112-Cn-283

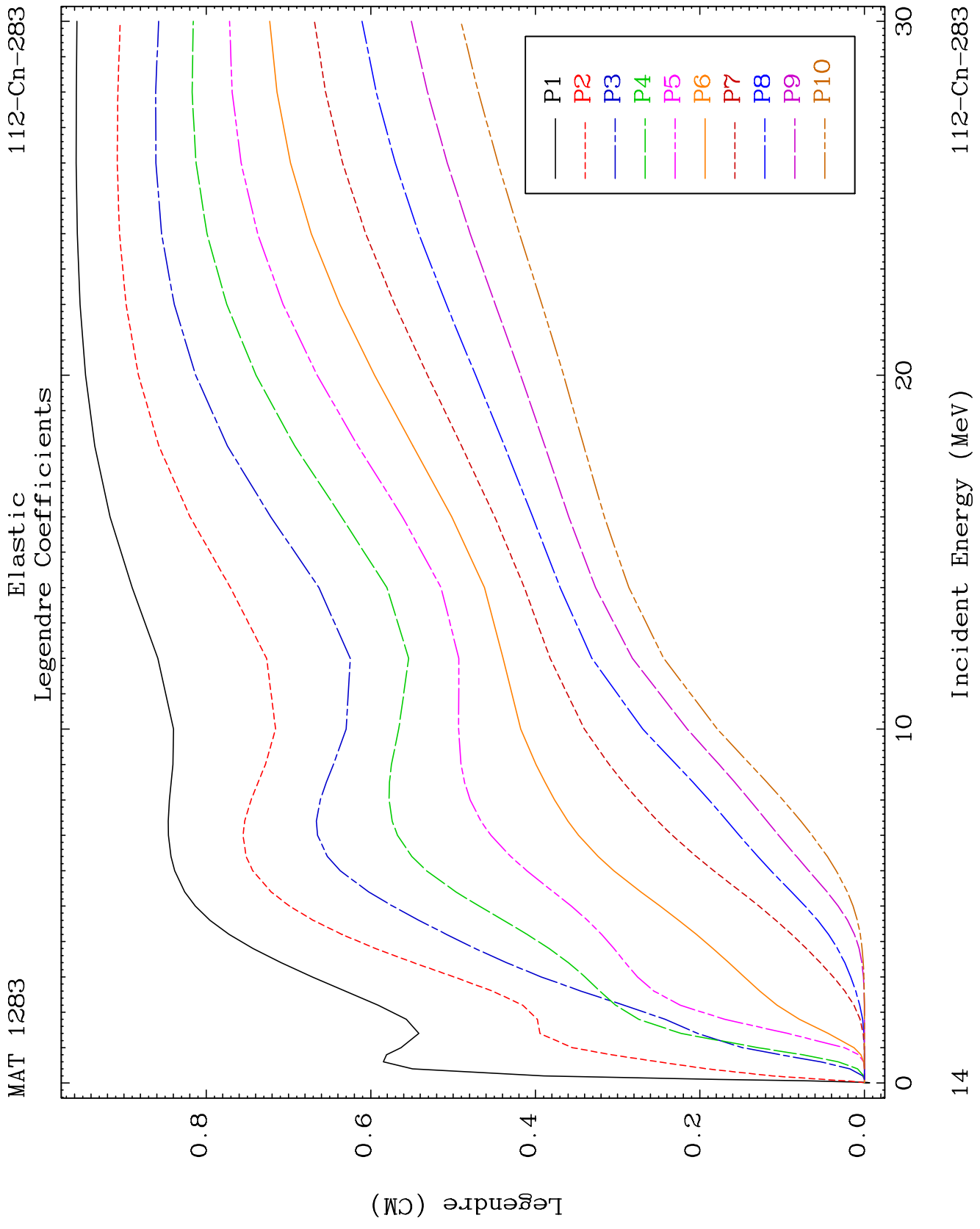
Neutrons
per Fission



13

Incident Energy (MeV)

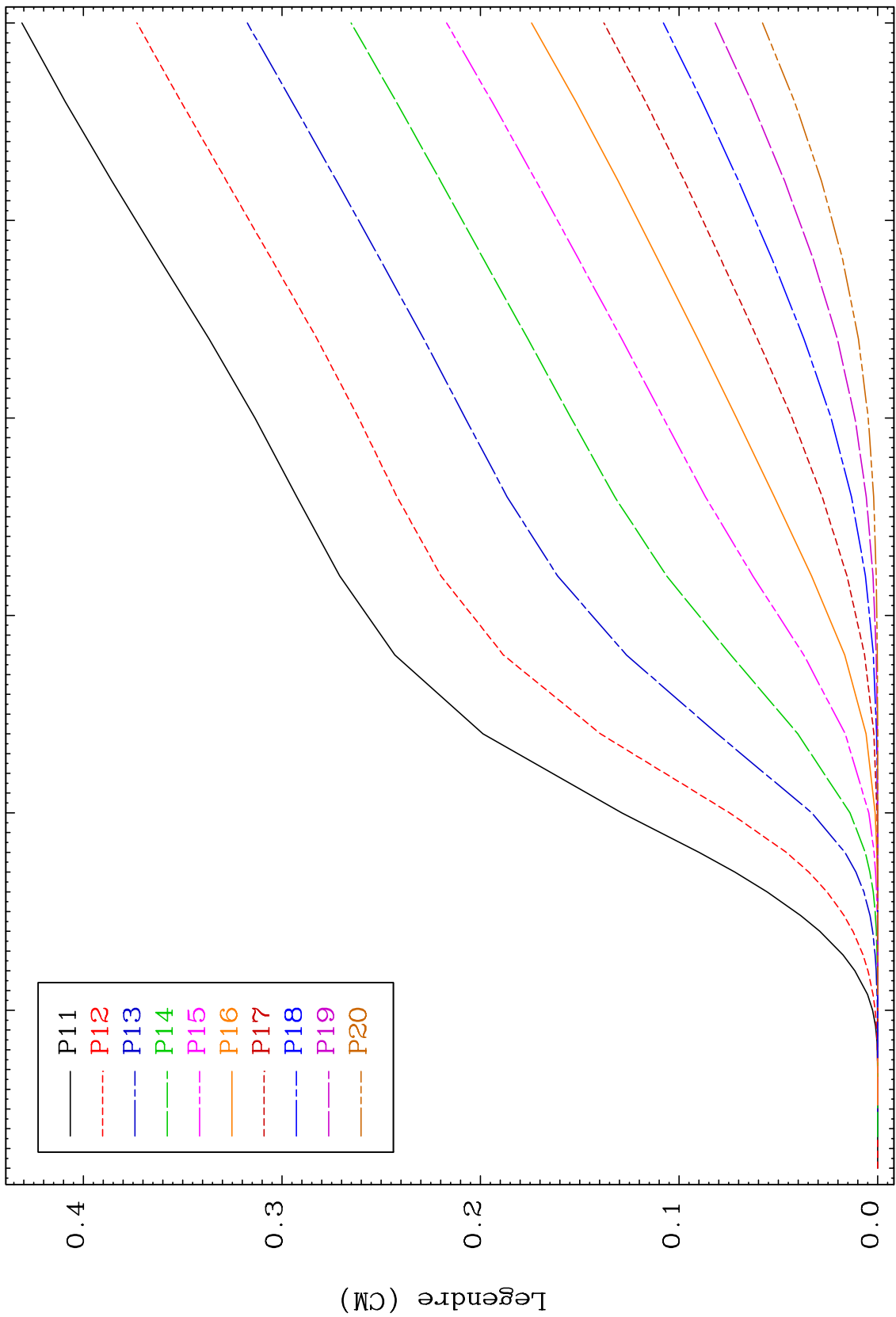
112-Cn-283



MAT 1283

Elastic Legendre Coefficients

112-Cn-283



15

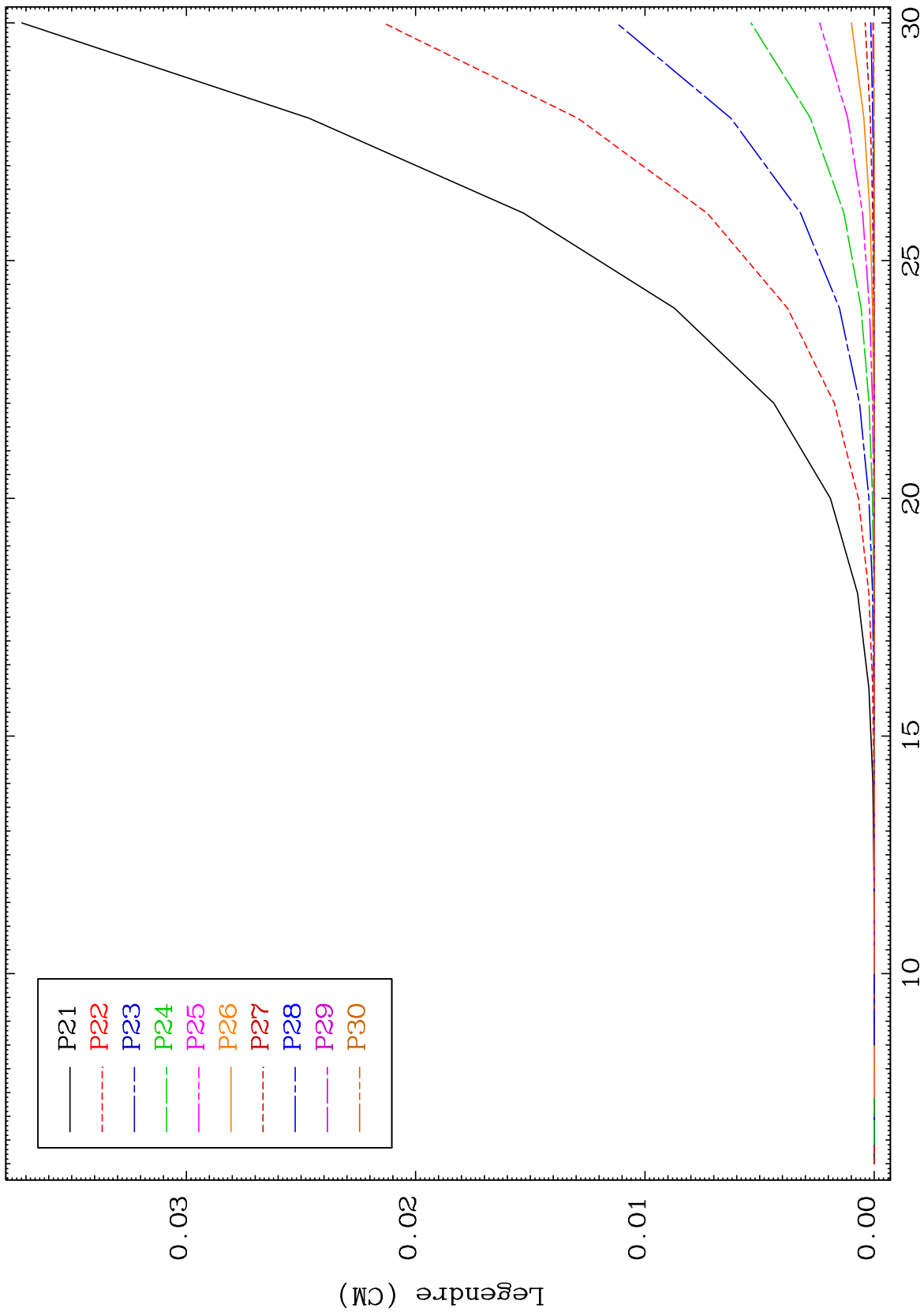
Incident Energy (MeV)

112-Cn-283

MAT 1283

Elastic Legendre Coefficients

112-Cn-283



112-Cn-283

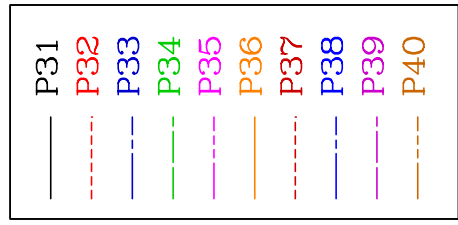
Incident Energy (MeV)

16

MAT 1283

Elastic Legendre Coefficients

112-Cn-283



$\times 10^{-6}$

6

4

2

0

15

20

25

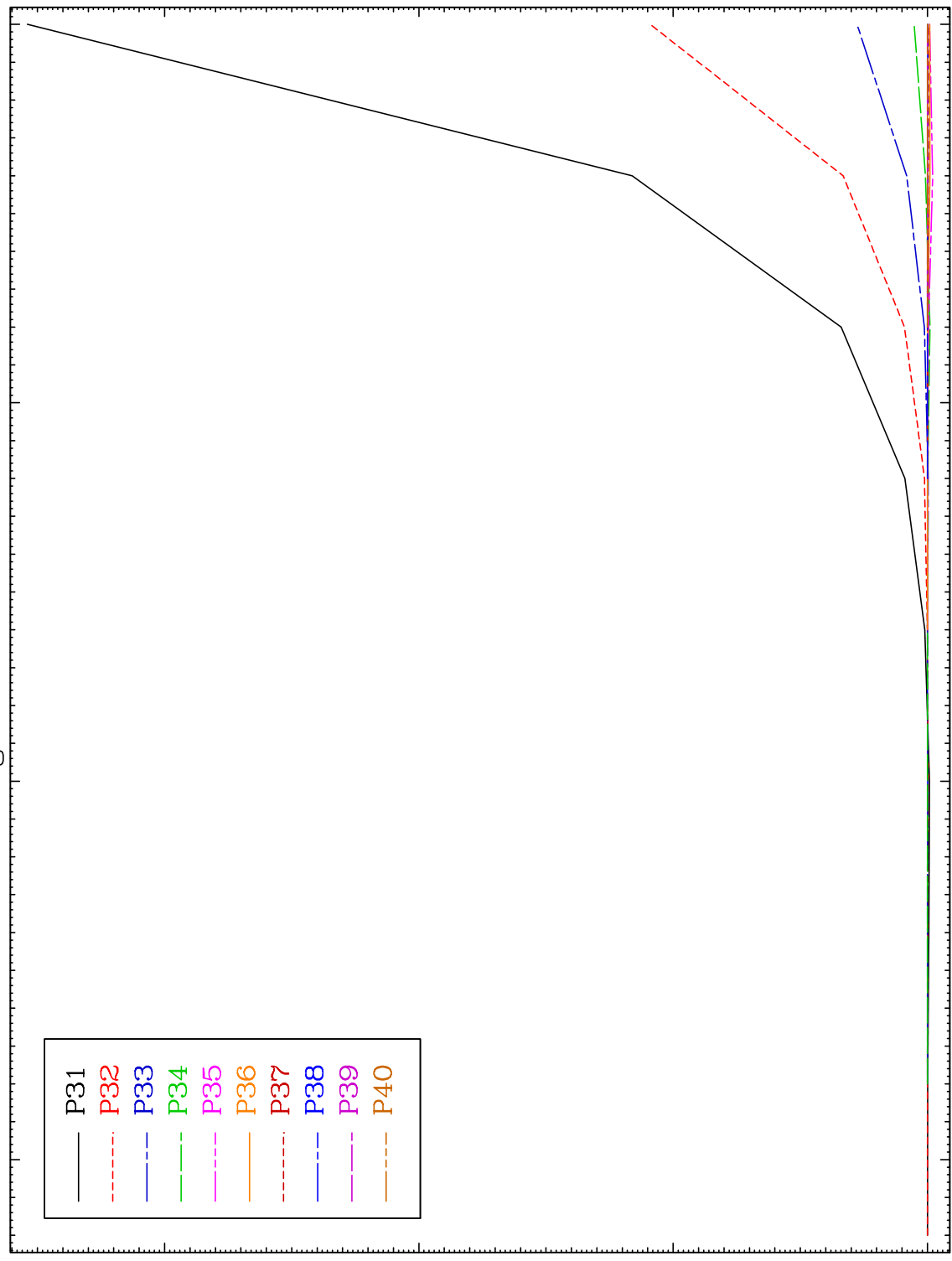
30

Legendre (CM)

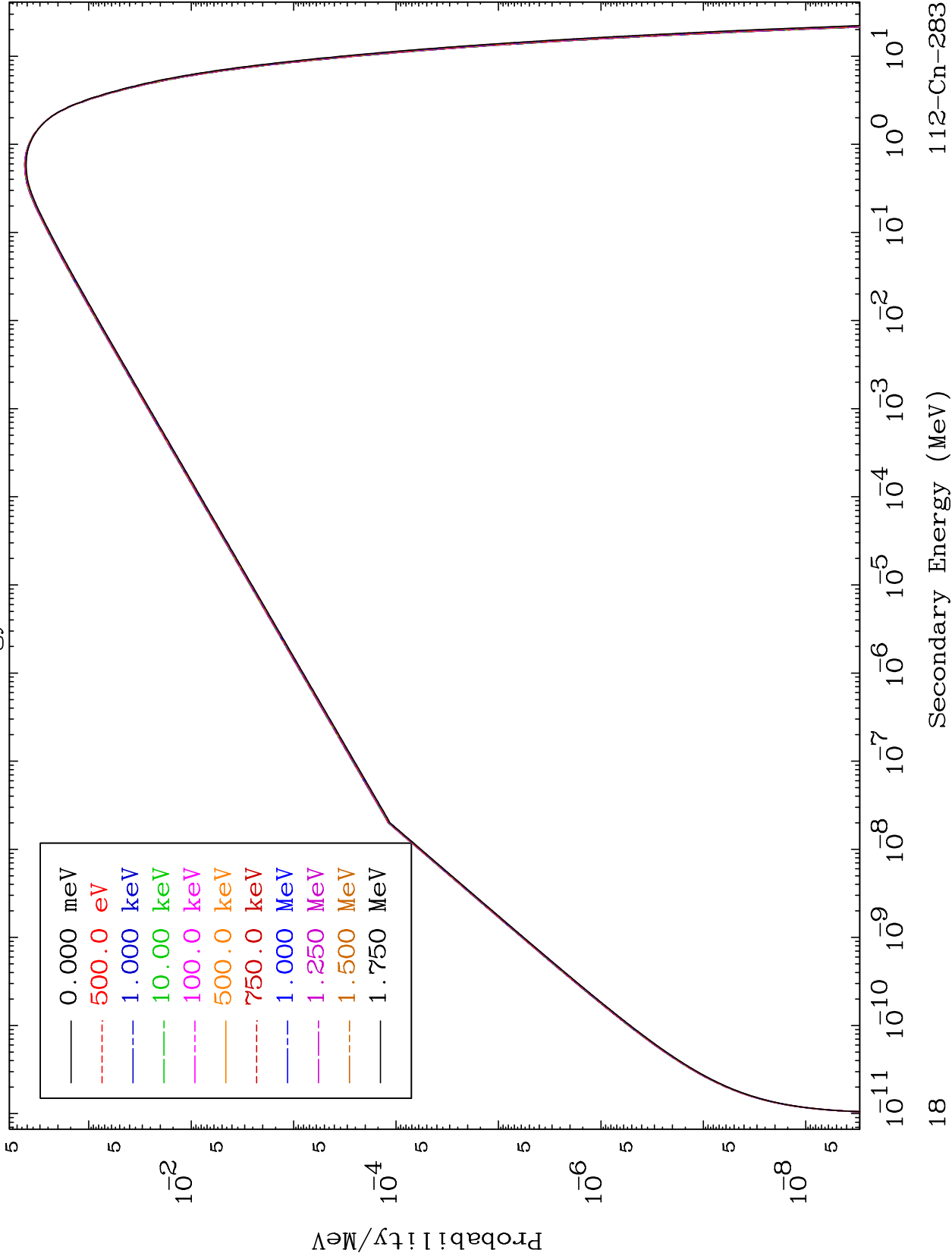
17

Incident Energy (MeV)

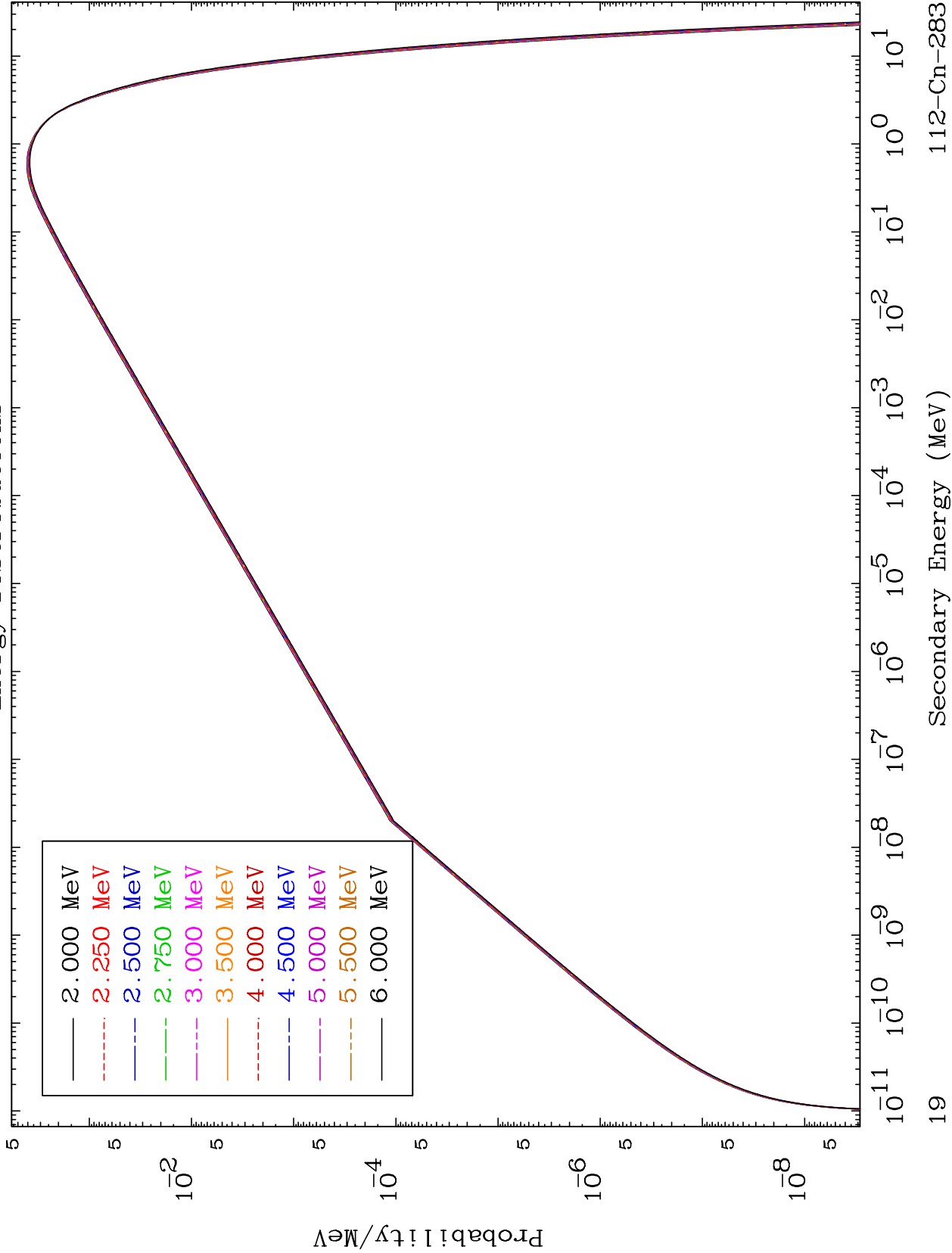
112-Cn-283



Fission Energy Distributions



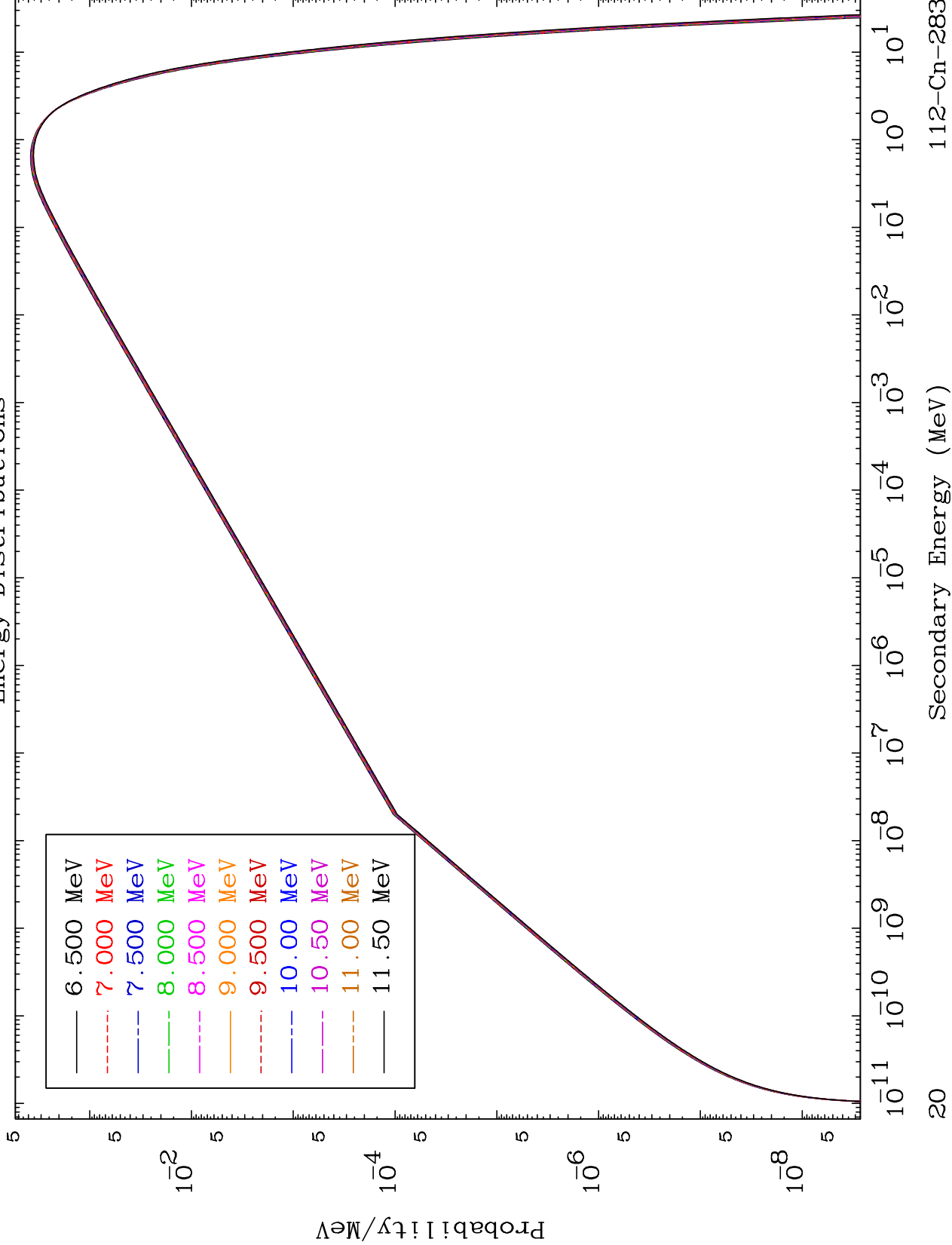
Fission Energy Distributions



MAT 1283

Fission Energy Distributions

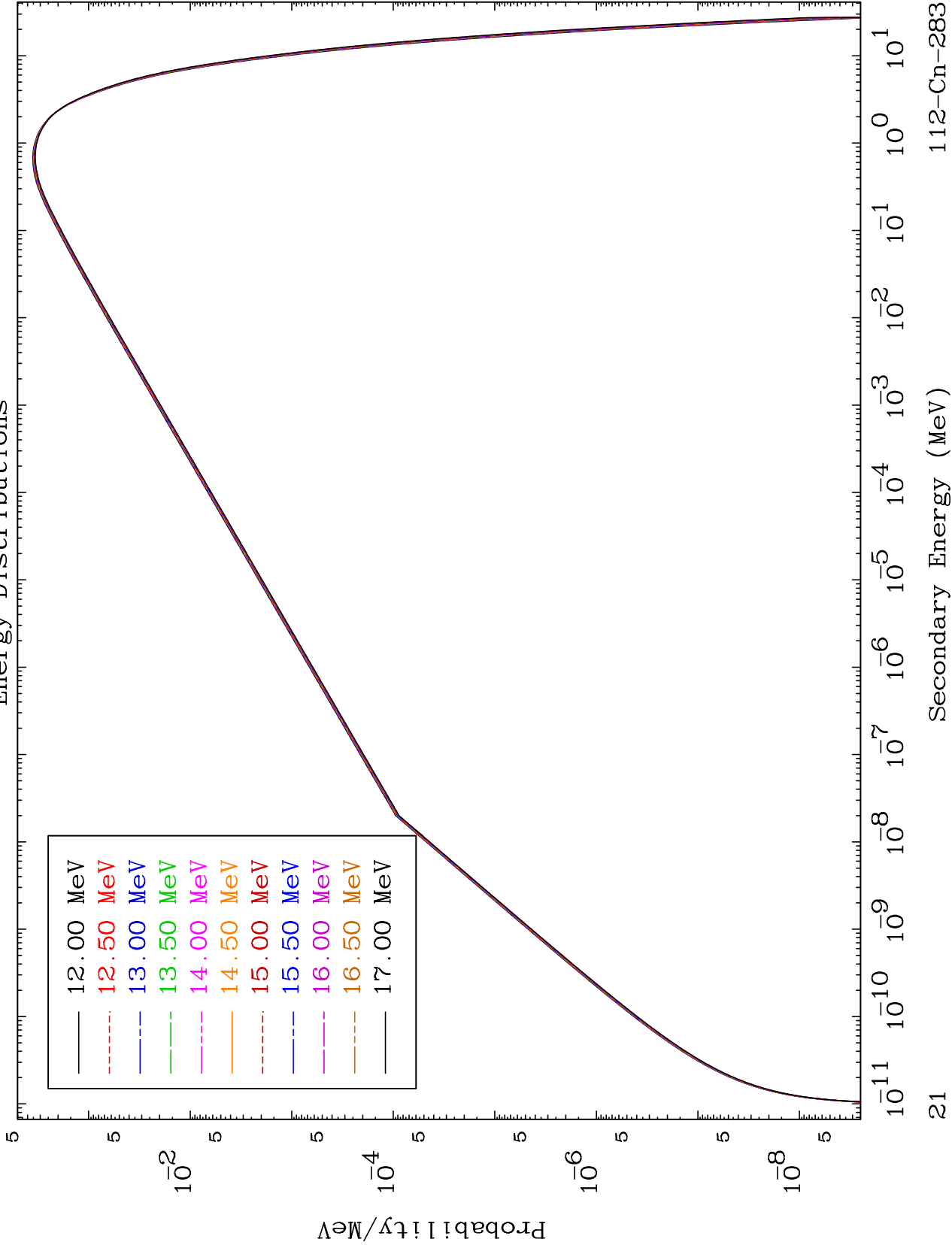
112-Cn-283



112-Cn-283

Secondary Energy (MeV)

20



Fission Energy Distributions

