

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

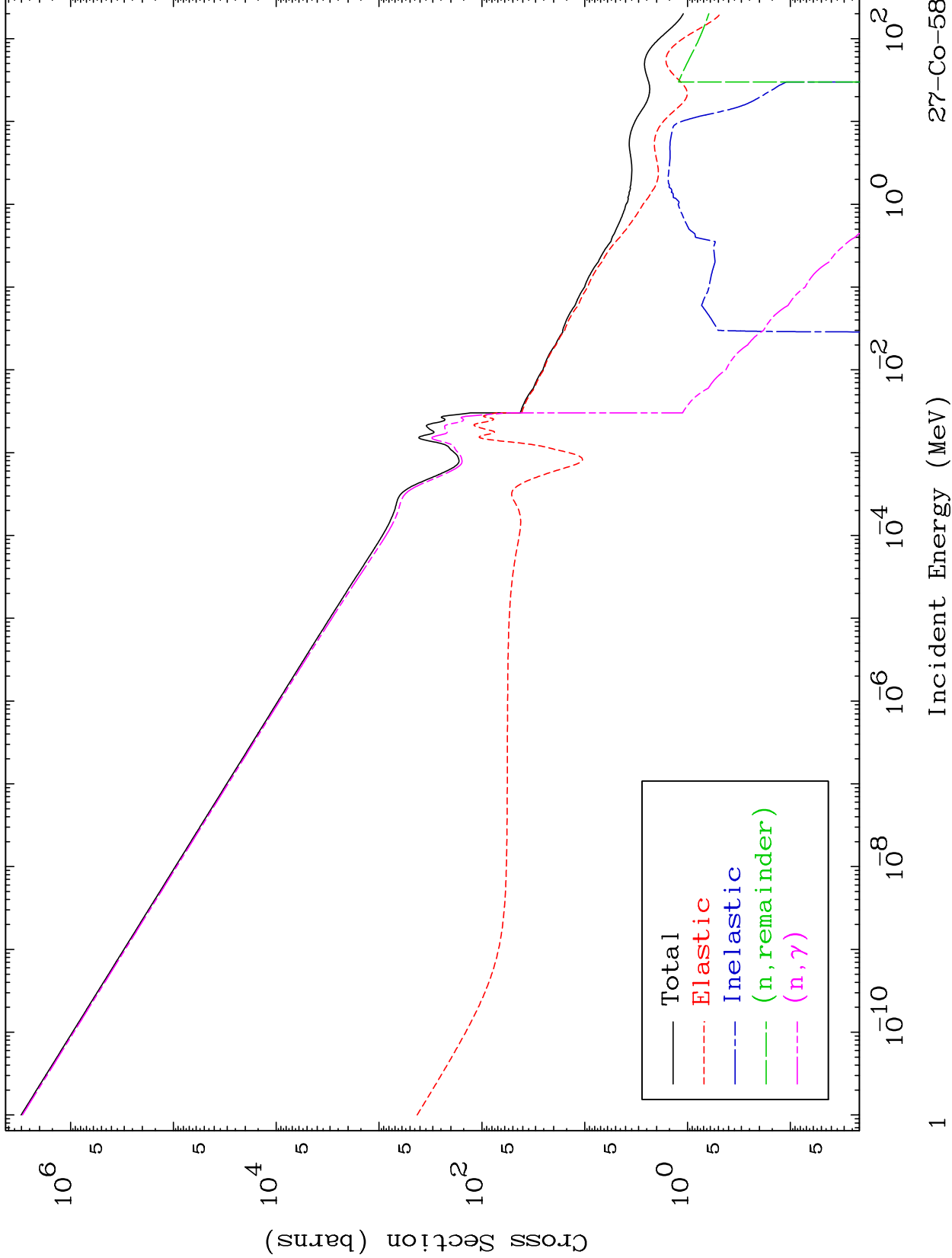
Press Mouse Button to Start

MAT 2723

Major

293 Kelvin Cross Sections

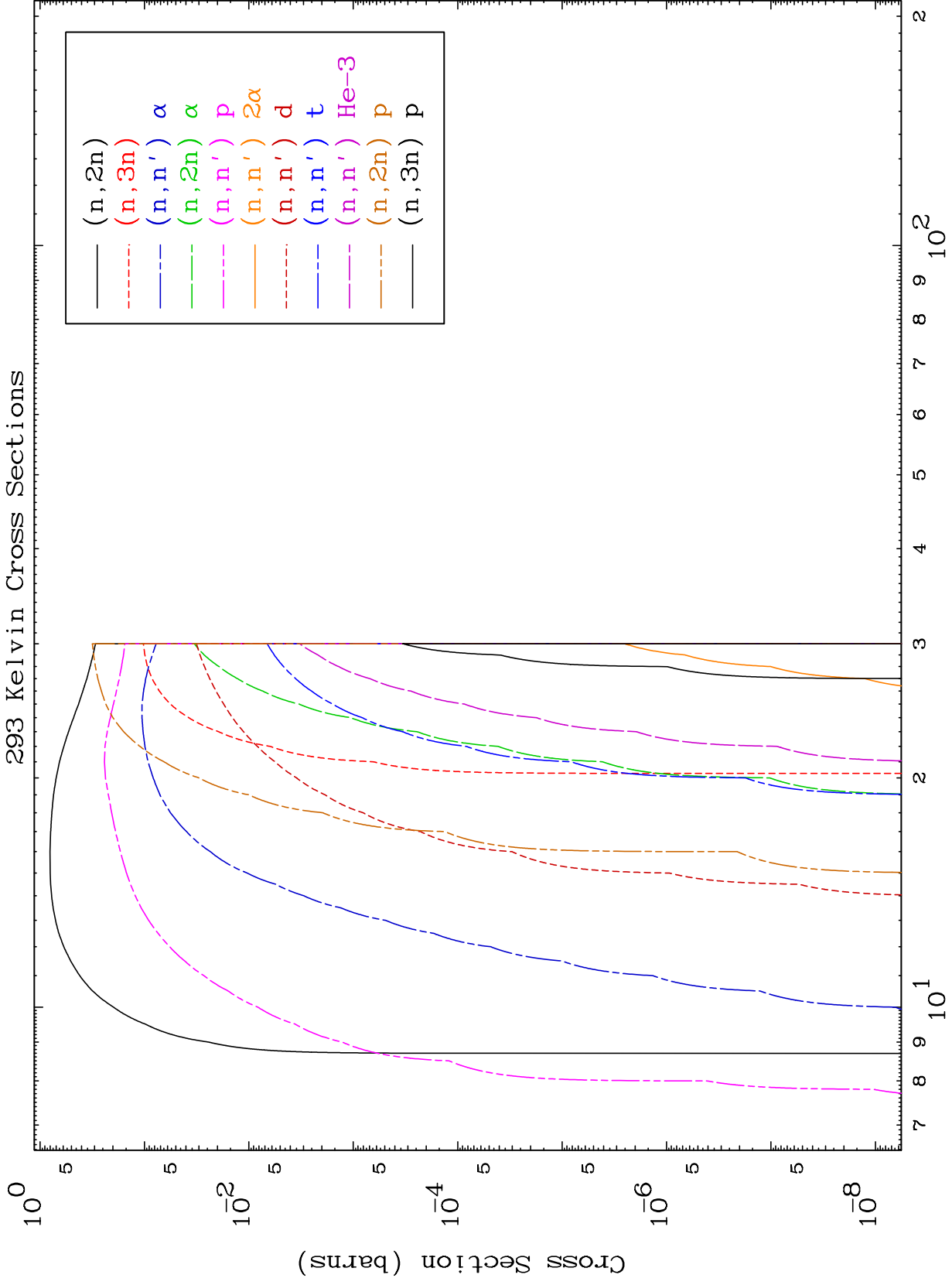
27-Co-58



MAT 2723

Neutron Production
293 Kelvin Cross Sections

27-Co-58



2

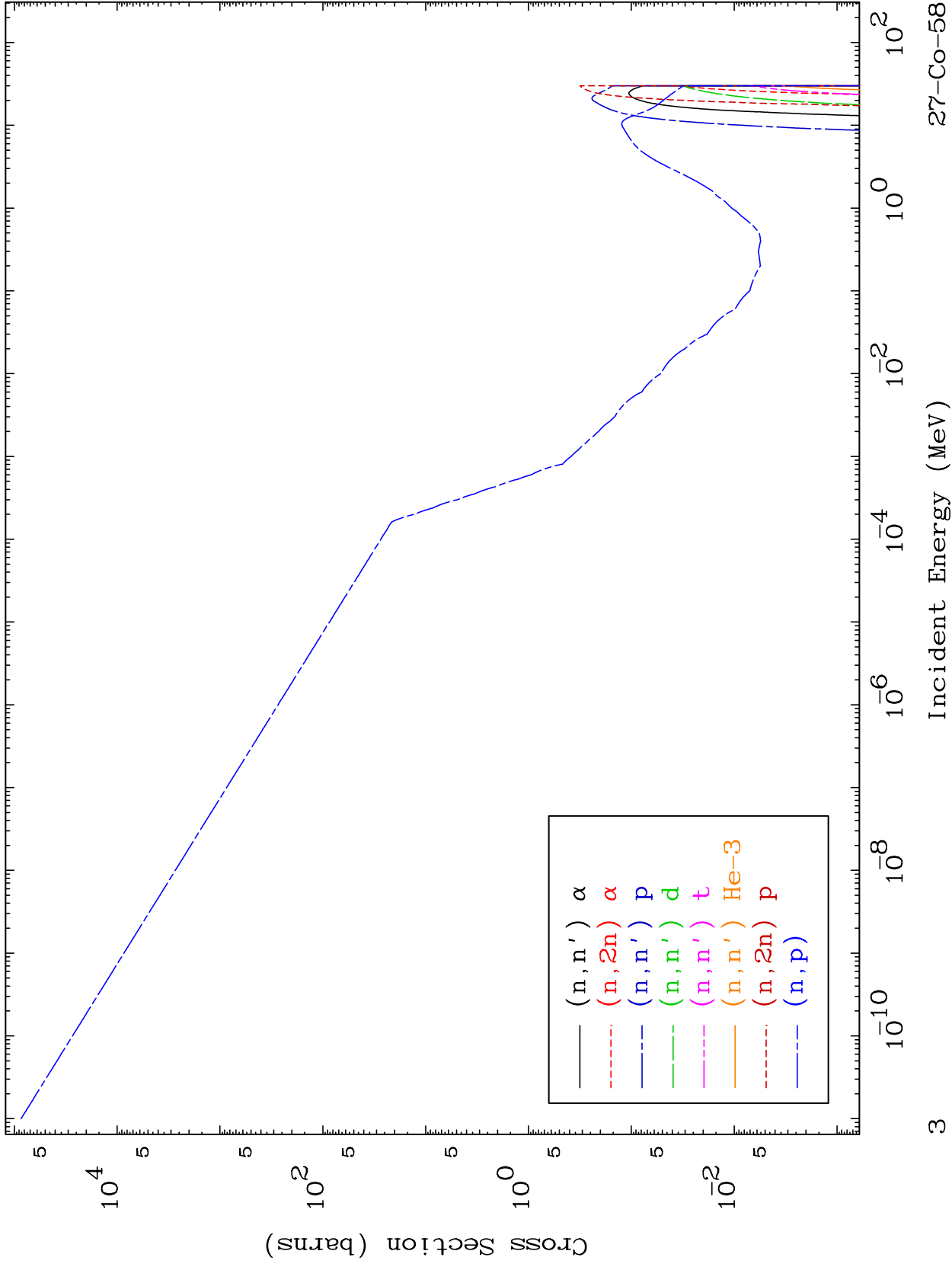
Incident Energy (MeV)

27-Co-58

MAT 2723

Charged Particle
293 Kelvin Cross Sections

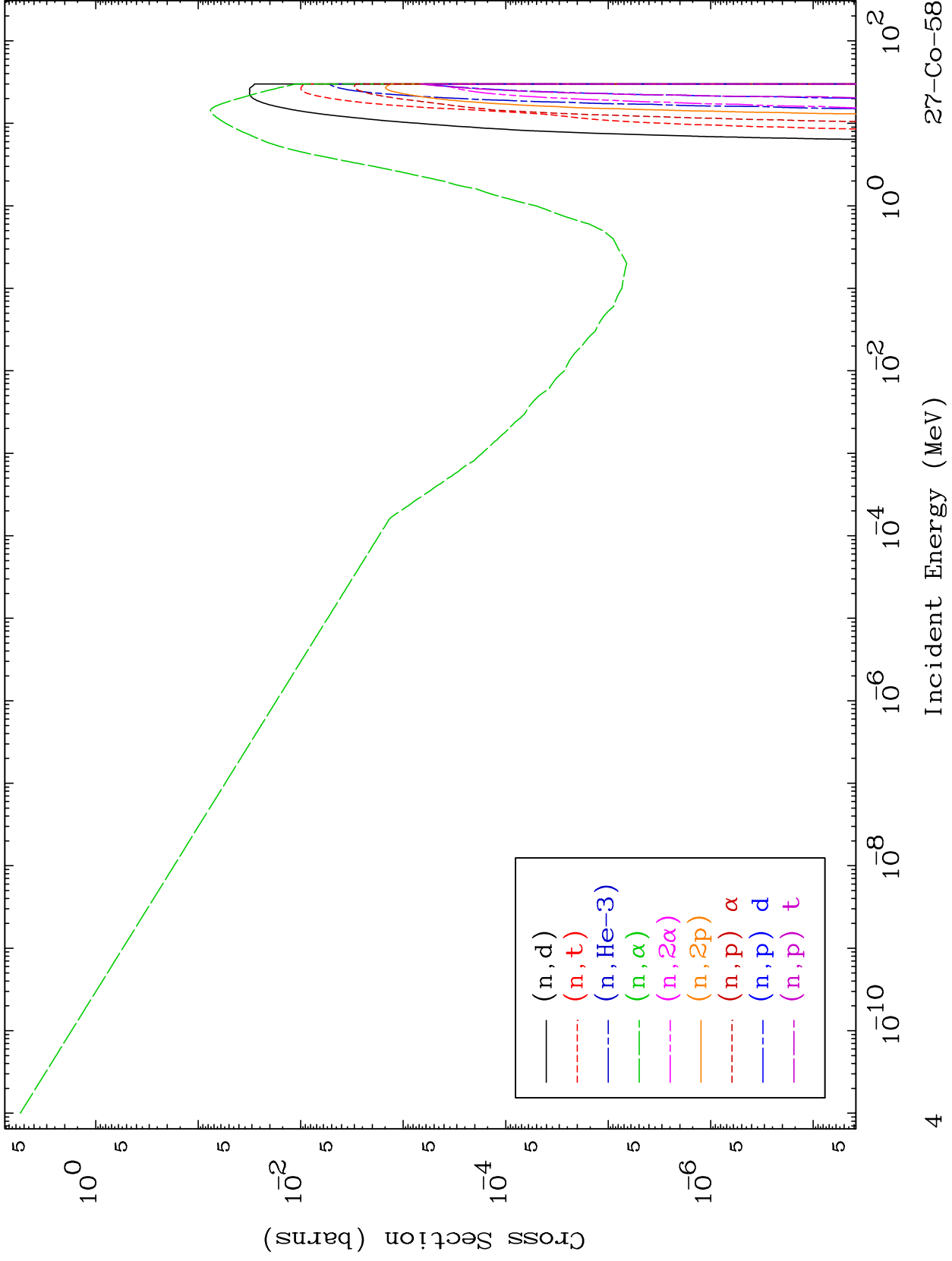
27-Co-58

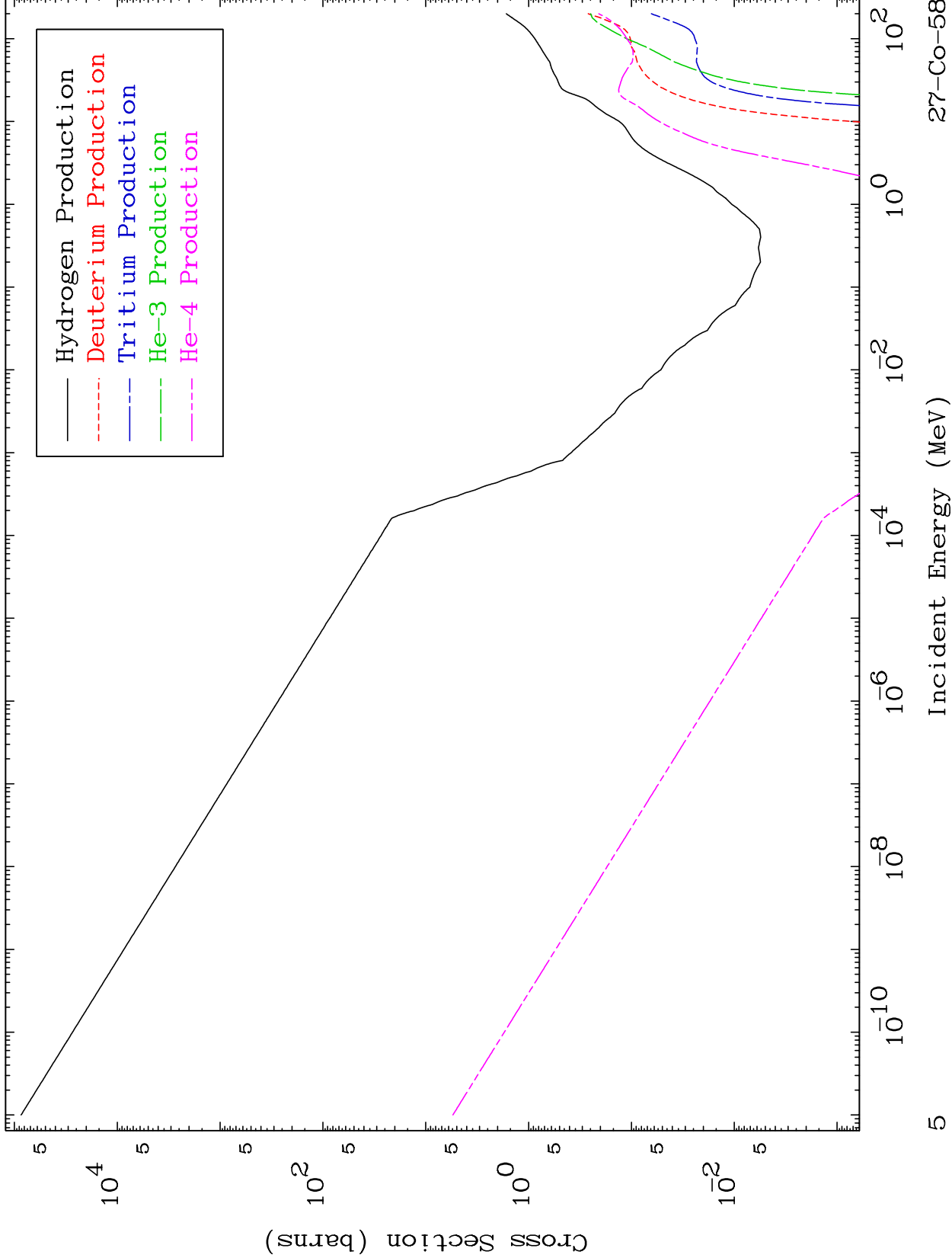


MAT 2723

Charged Particle
293 Kelvin Cross Sections

27-Co-58

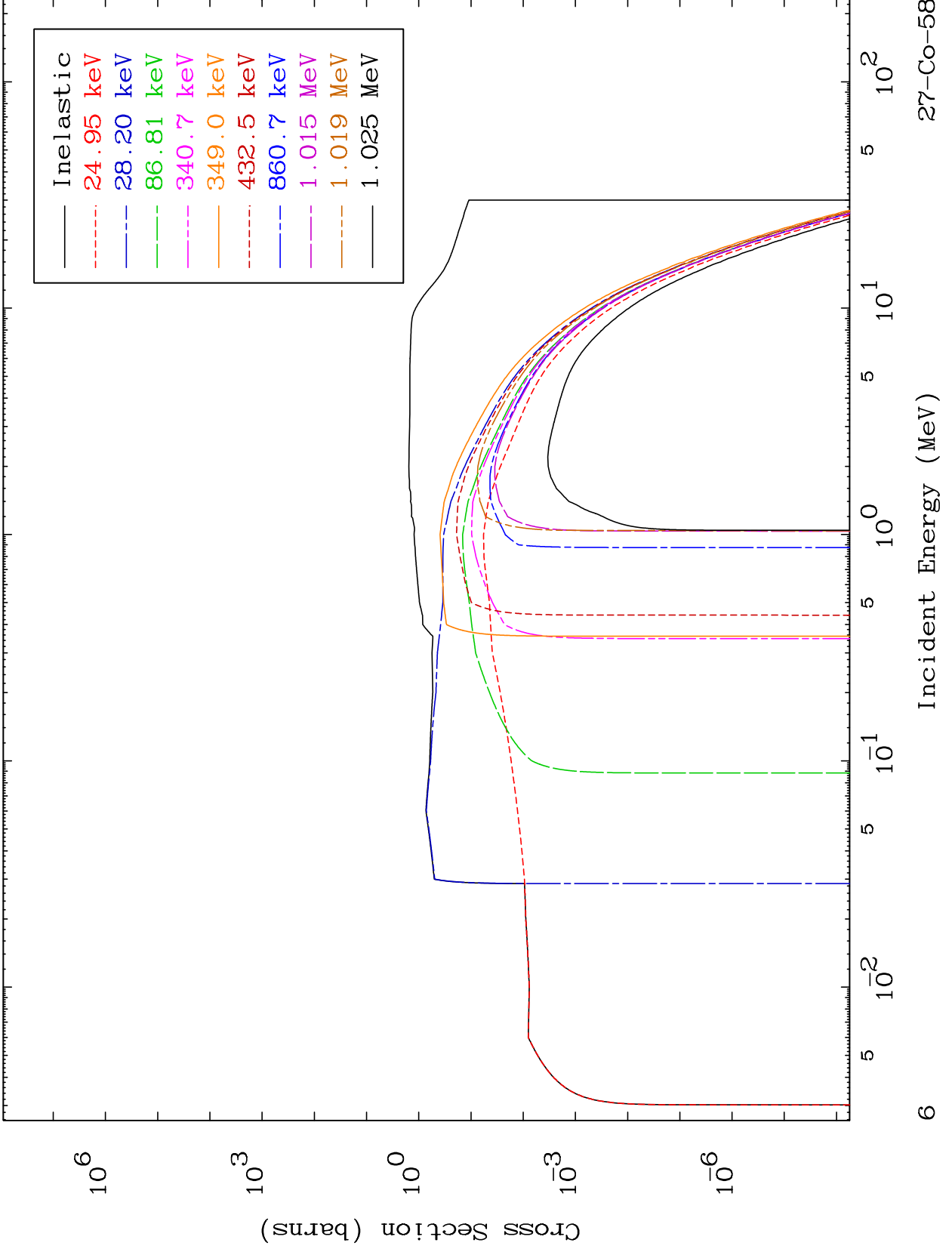




MAT 2723

(n,n') Level
293 Kelvin Cross Sections

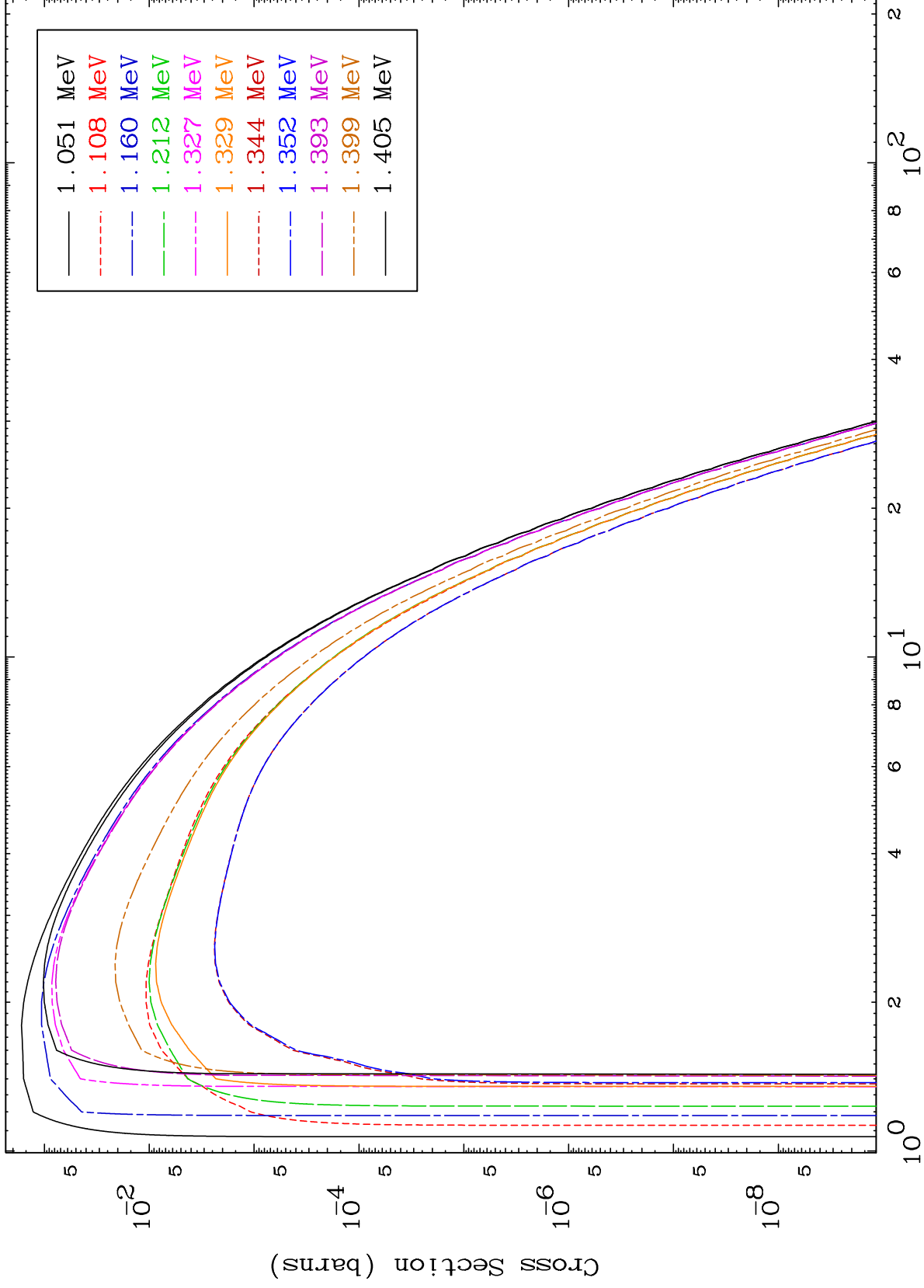
27-Co-58



MAT 2723

(n,n') Level
293 Kelvin Cross Sections

27-Co-58



Incident Energy (MeV)

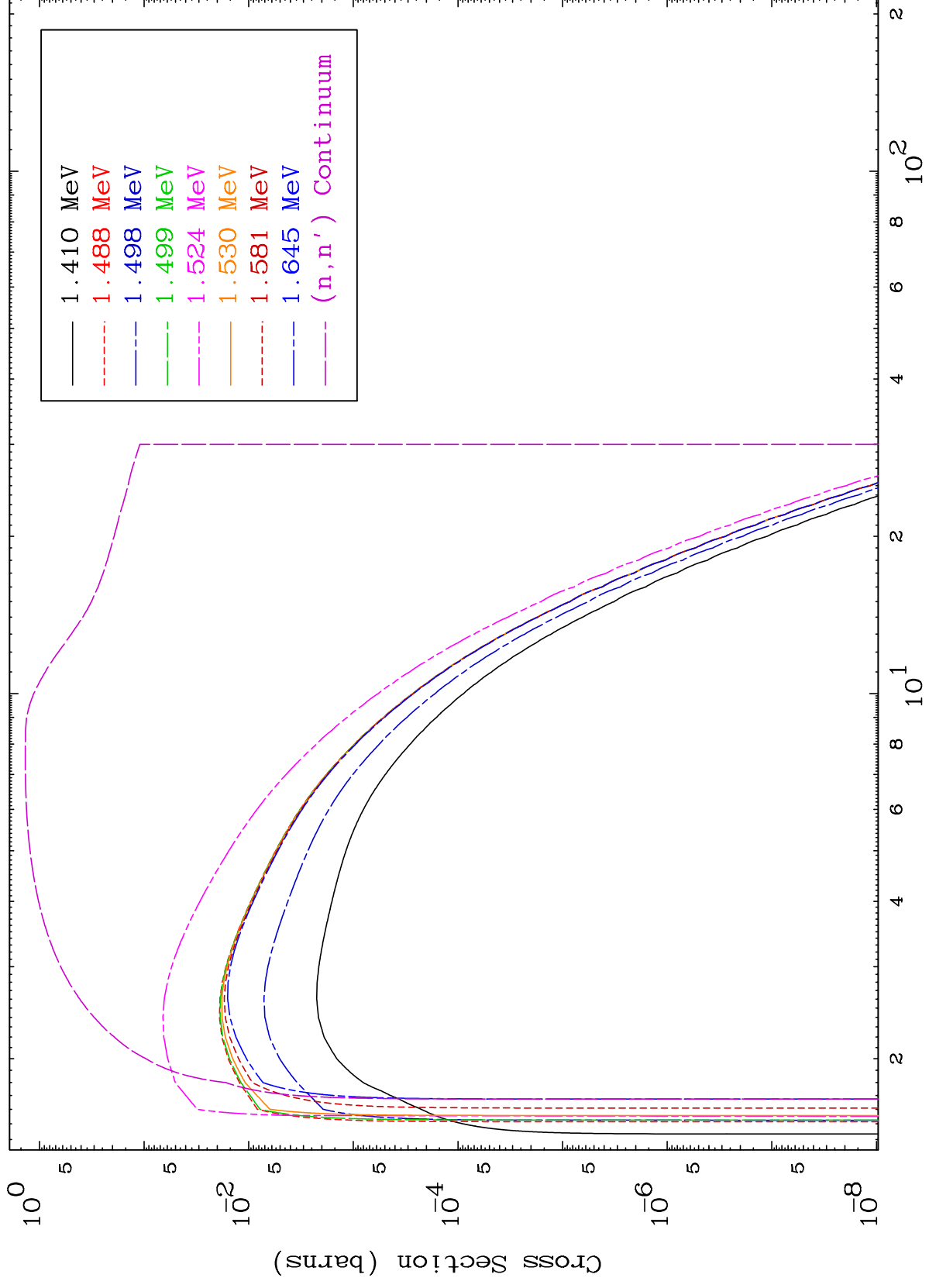
27-Co-58

MAT 2723

(n,n') Level

27-Co-58

293 Kelvin Cross Sections



8

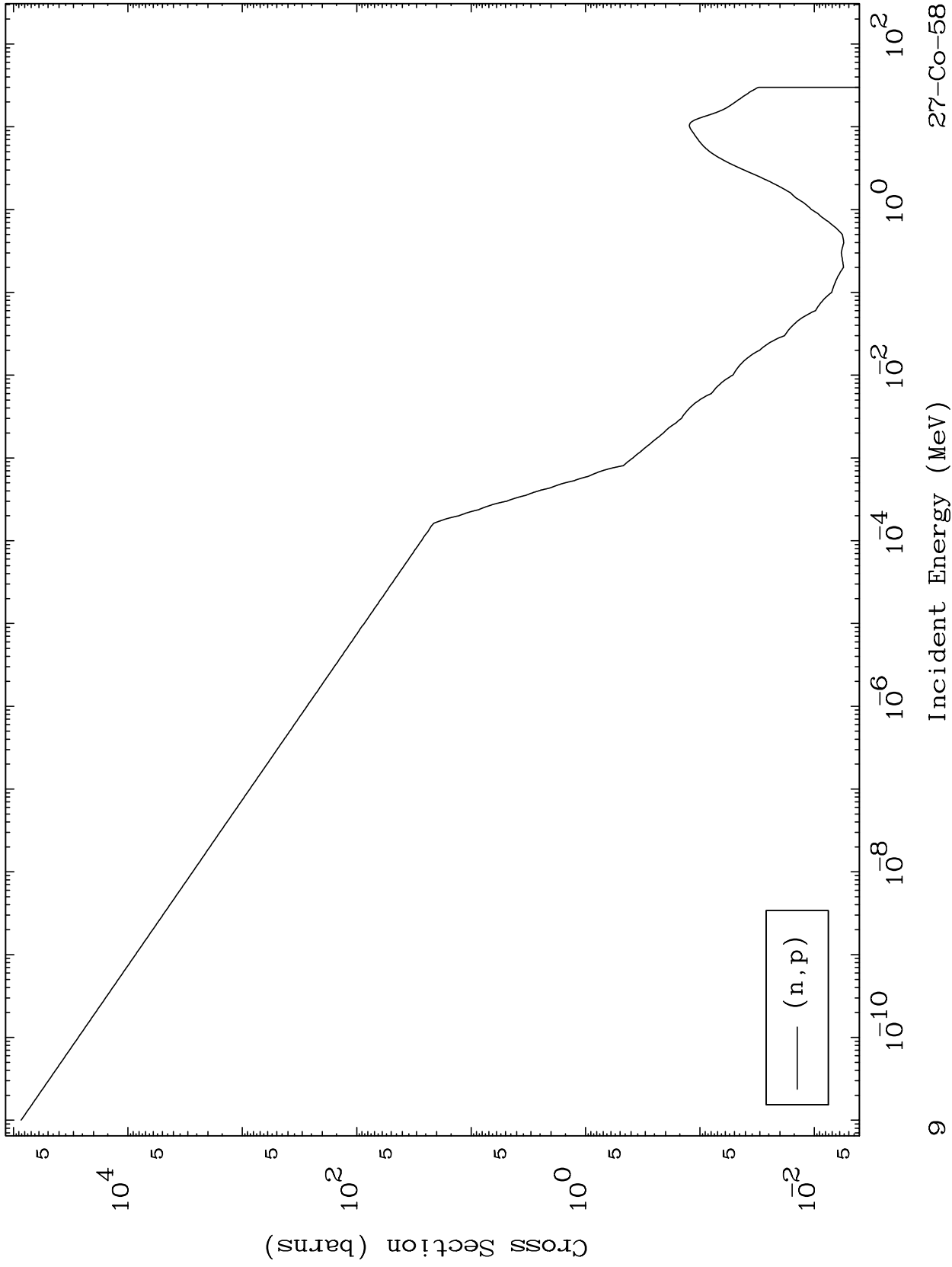
Incident Energy (MeV)

27-Co-58

MAT 2723

(n,p) Levels
293 Kelvin Cross Sections

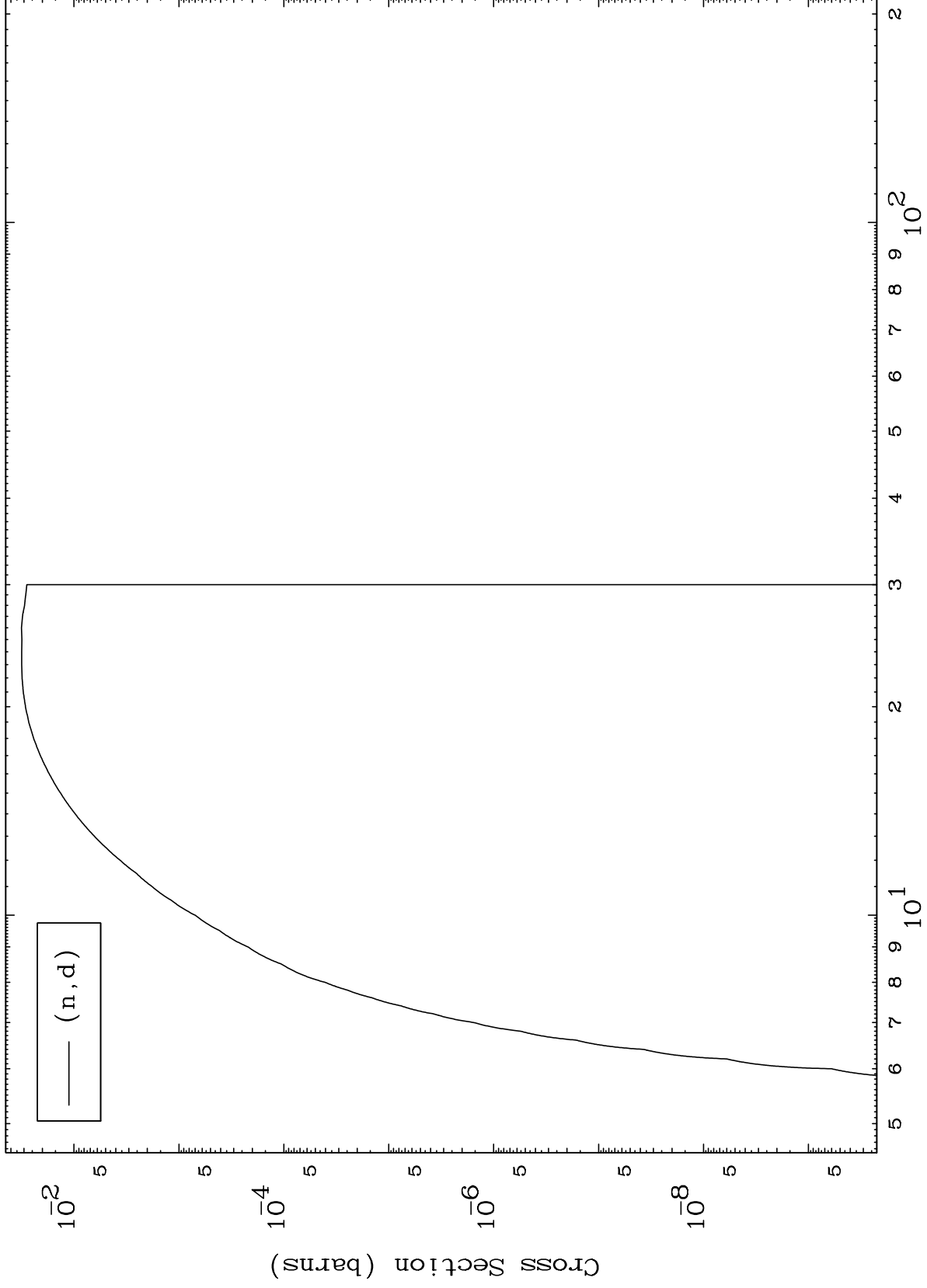
27-Co-58



MAT 2723

(n,d) Levels
293 Kelvin Cross Sections

27-Co-58



10

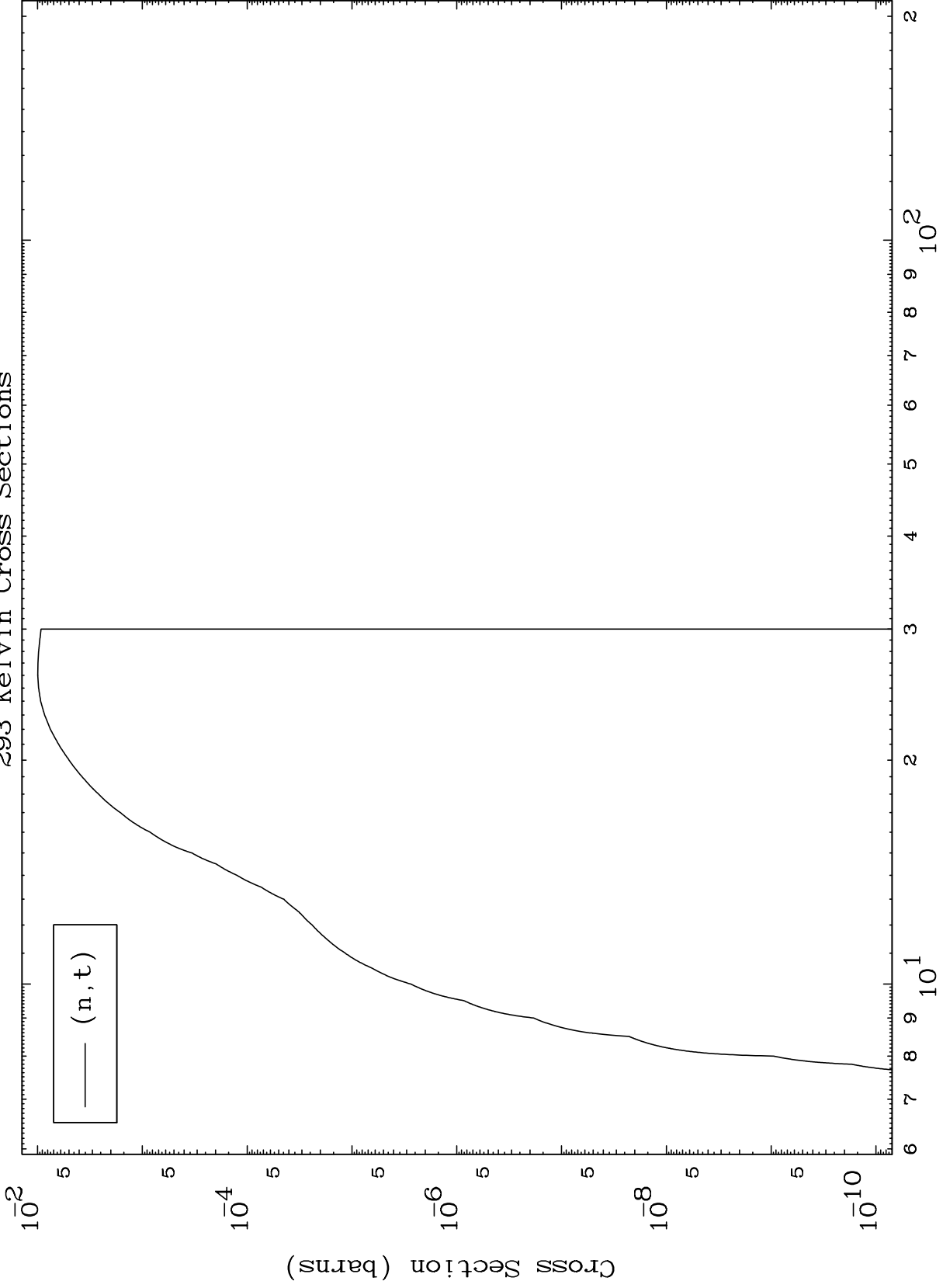
Incident Energy (MeV)

27-Co-58

MAT 2723

(n,t) Levels
293 Kelvin Cross Sections

27-Co-58



11

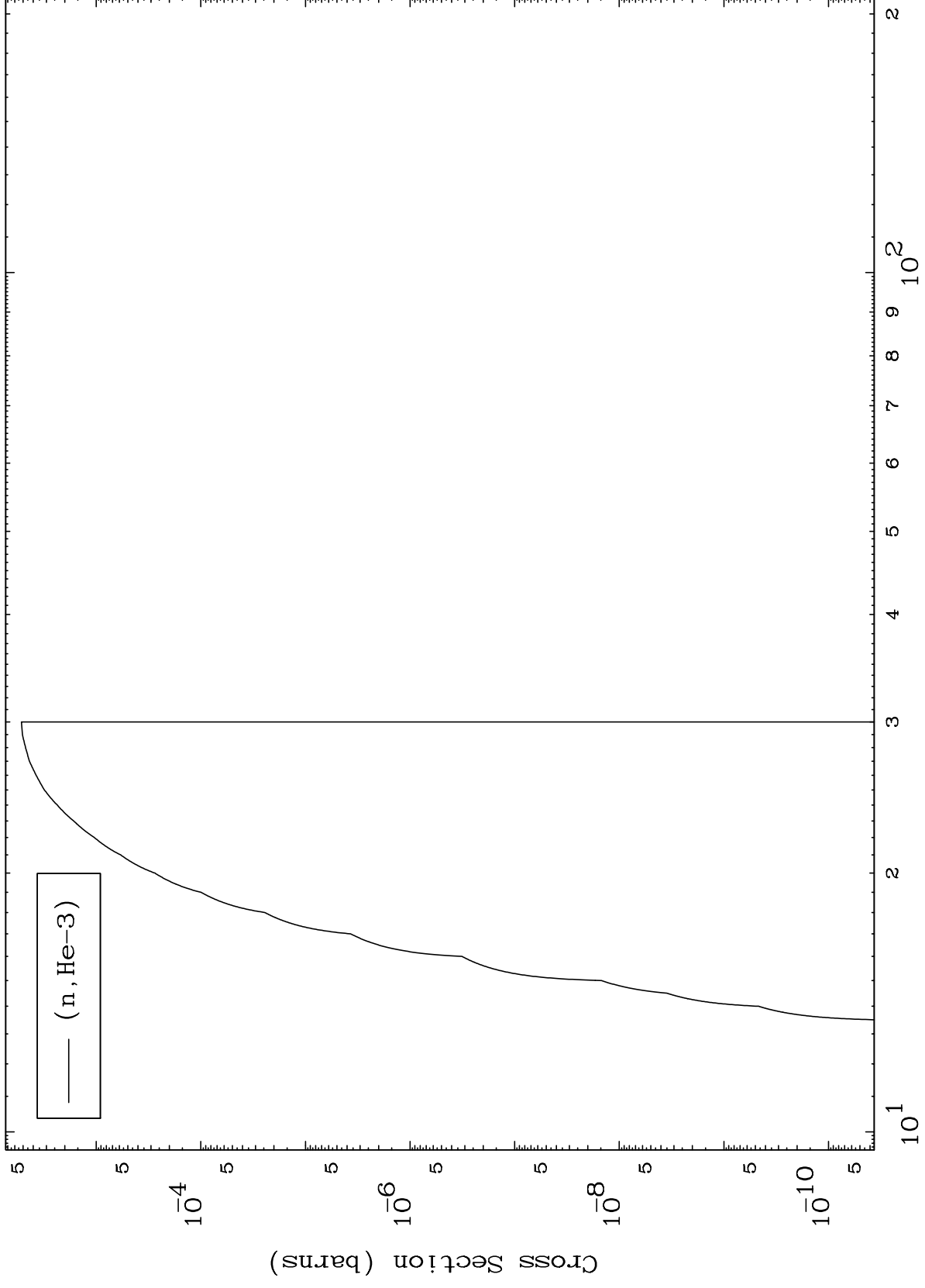
Incident Energy (MeV)

27-Co-58

MAT 2723

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-58



12

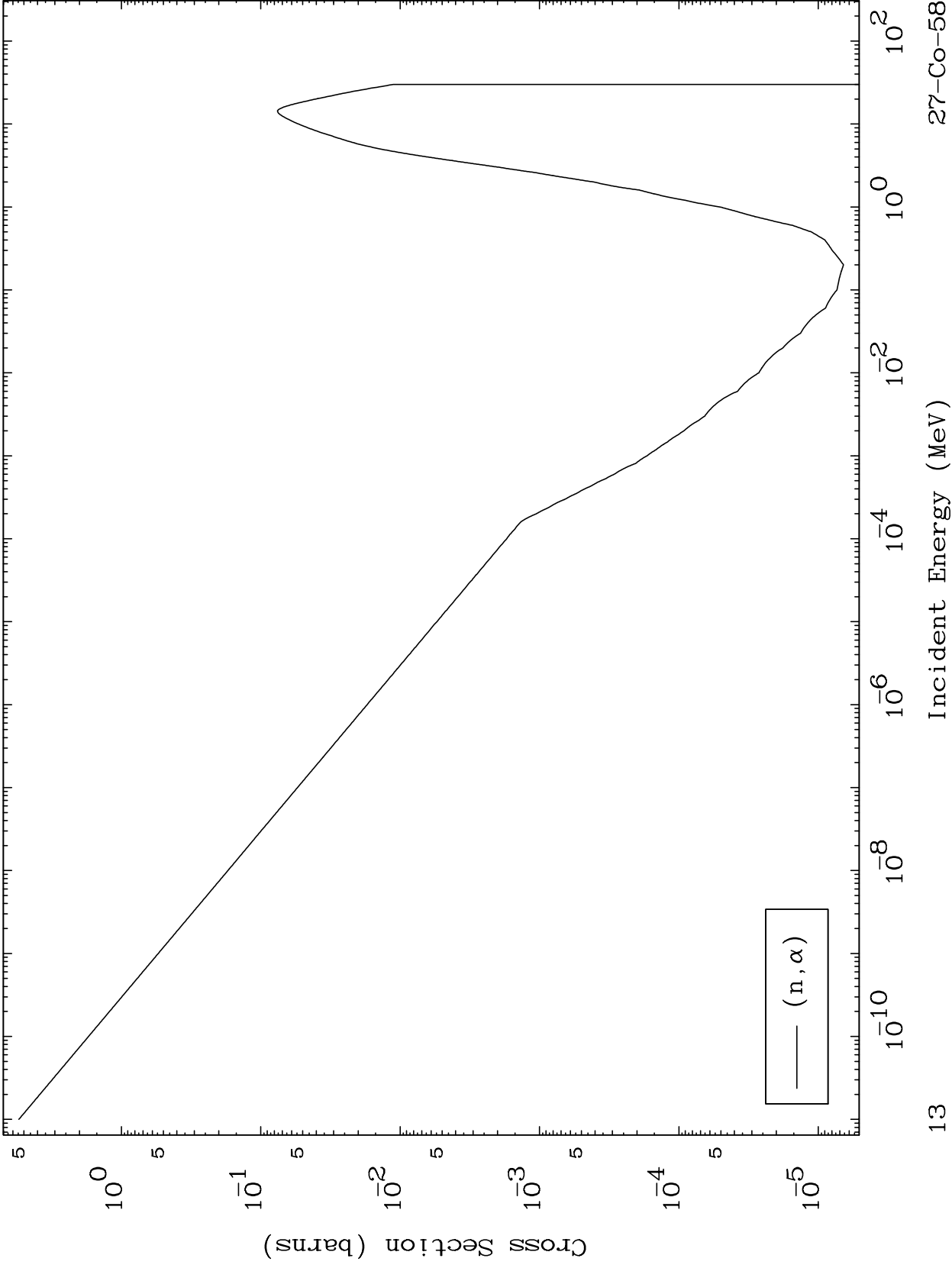
Incident Energy (MeV)

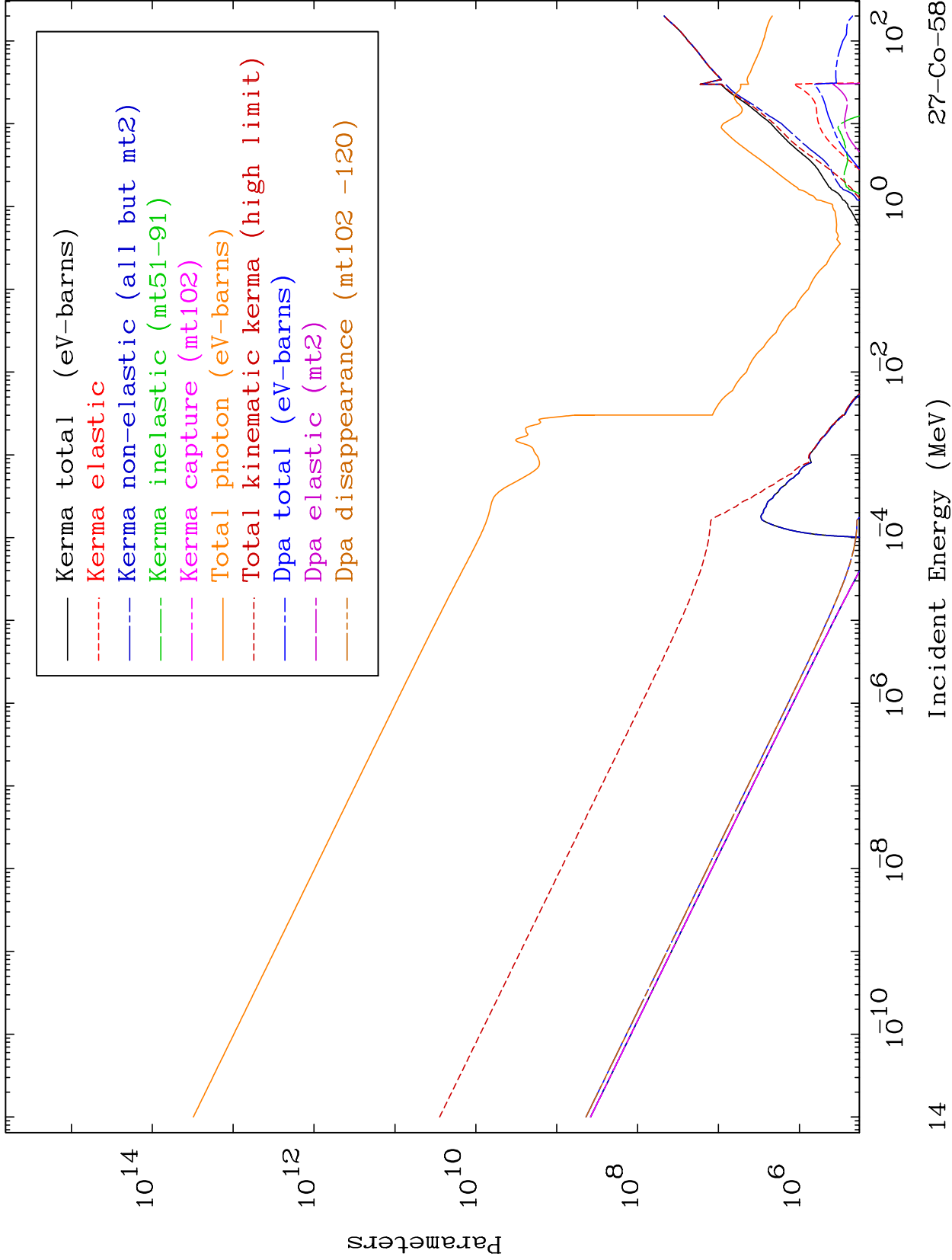
27-Co-58

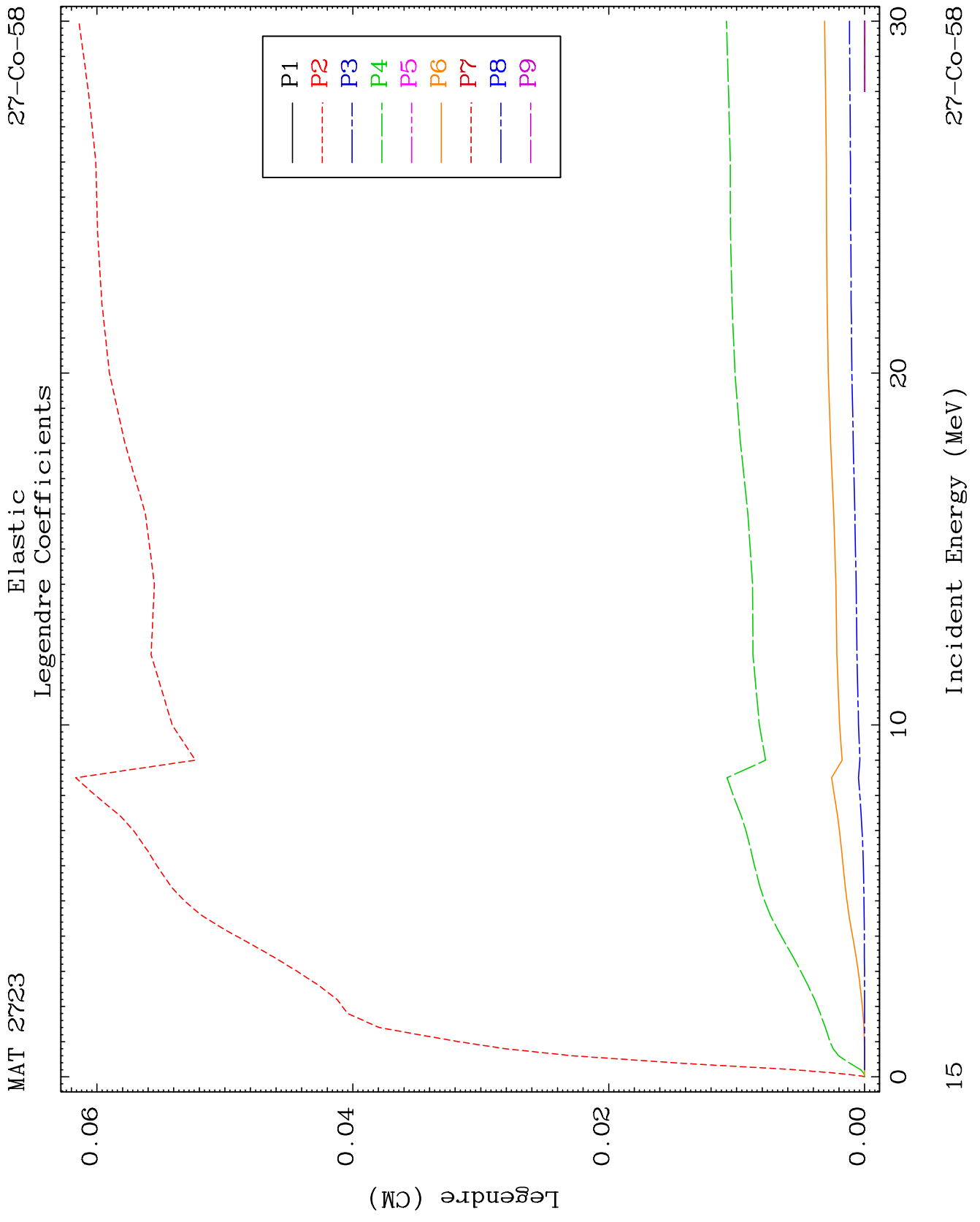
MAT 2723

(n,α) Levels
293 Kelvin Cross Sections

27-Co-58



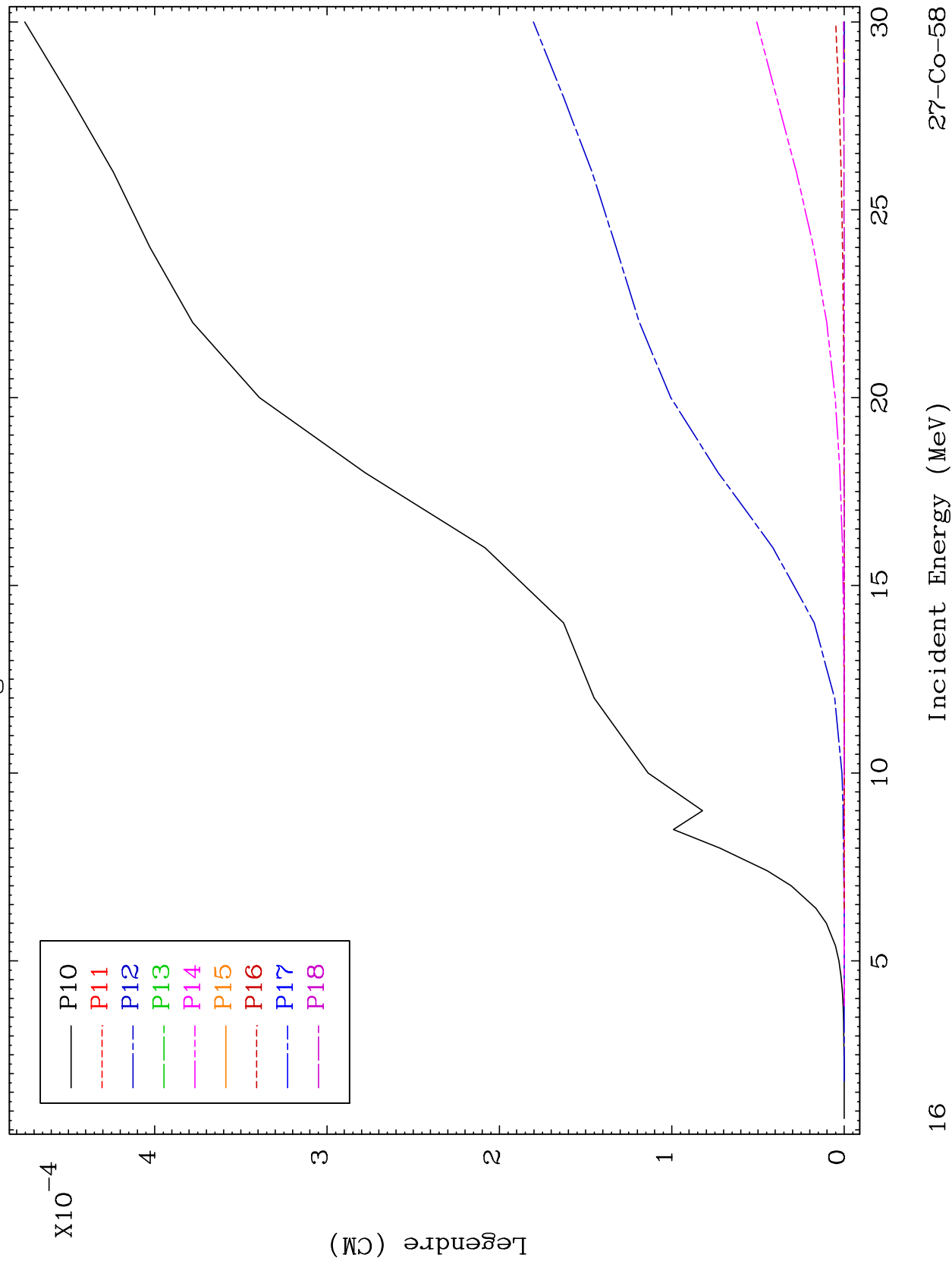




MAT 2723

Elastic Legendre Coefficients

²⁷Co-58



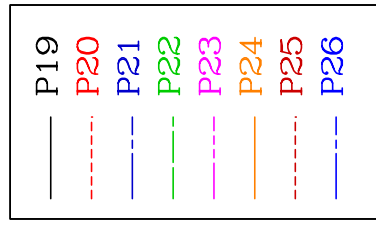
16

²⁷Co-58

MAT 2723

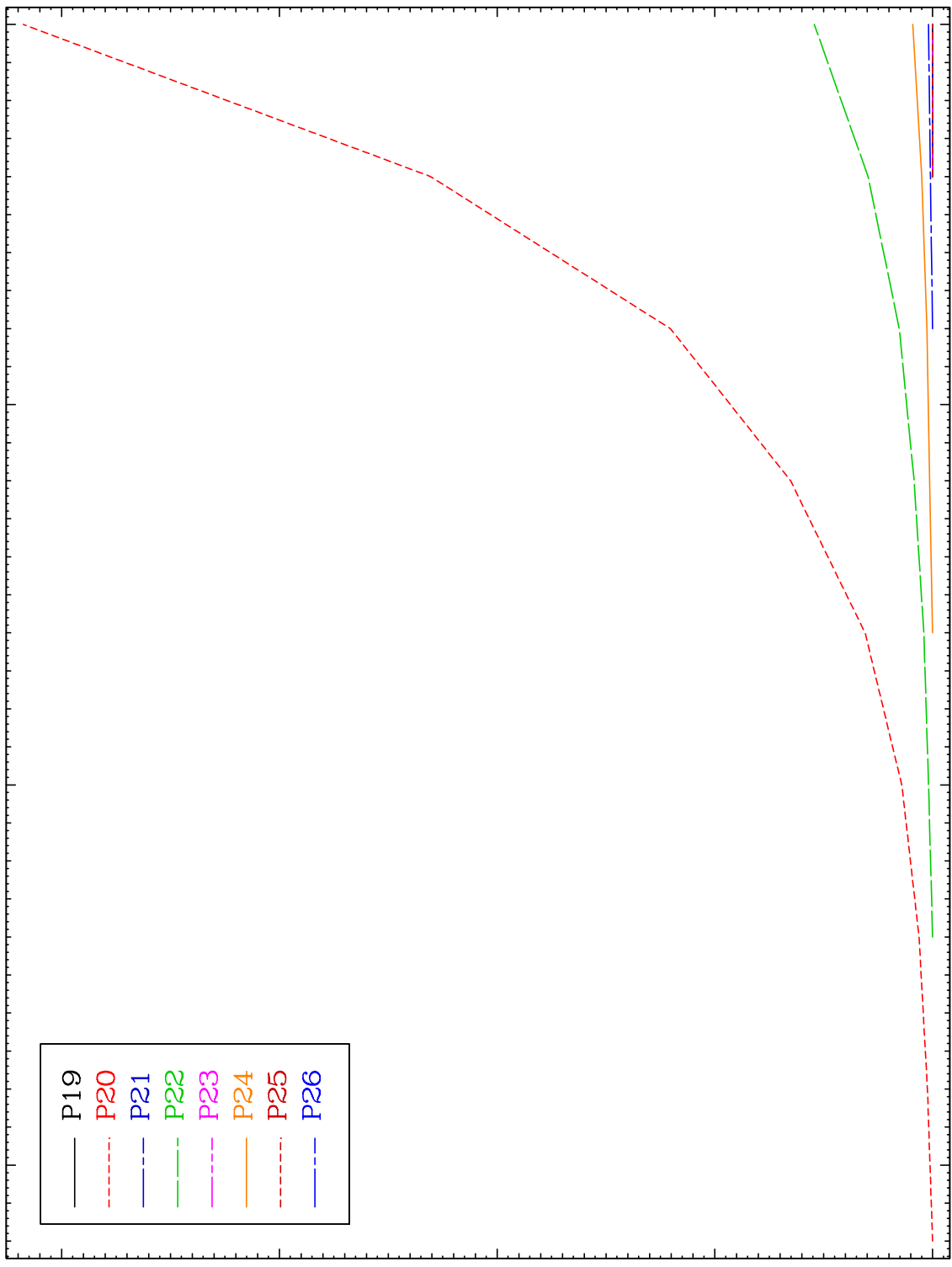
Elastic
Legendre Coefficients

27-Co-58



$\times 10^{-84}$

Legendre (CM)



17

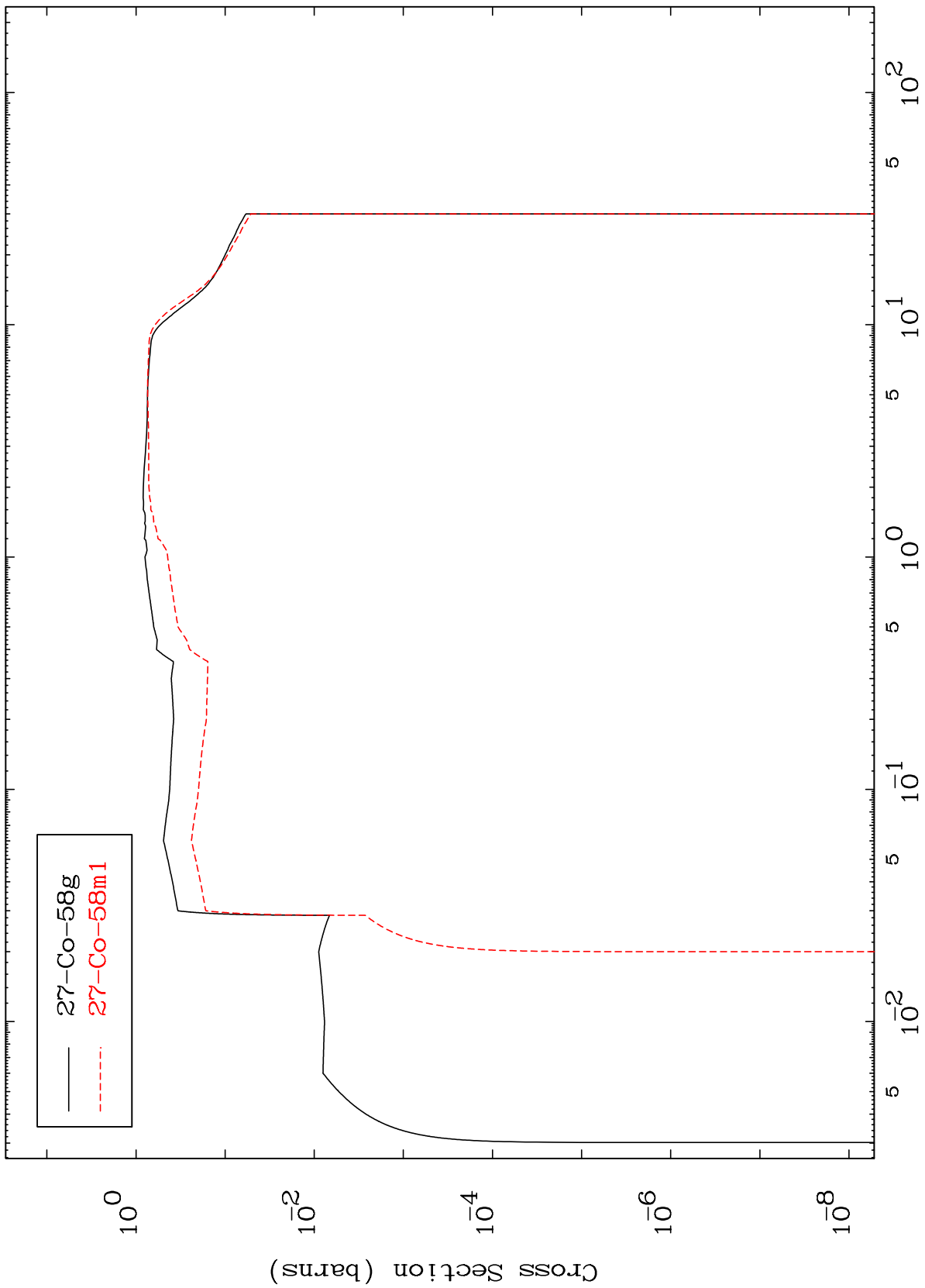
Incident Energy (MeV)

27-Co-58

MAT 2723

27-Co-58

Radionuclide Production Cross Section



— 27-Co-58g
- - - 27-Co-58m1

18

27-Co-58

Incident Energy (MeV)