

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

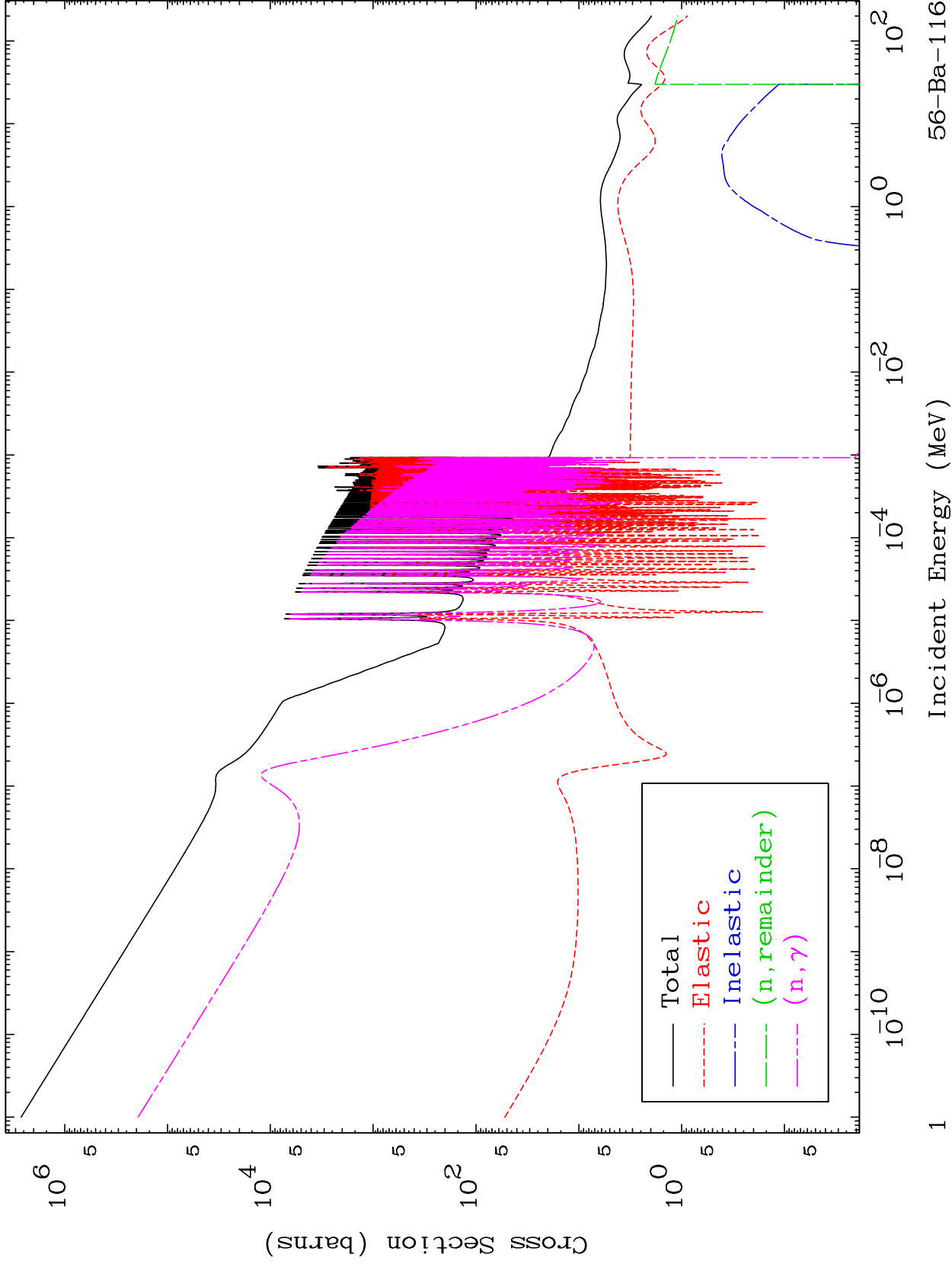
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5583

Major
293 Kelvin Cross Sections

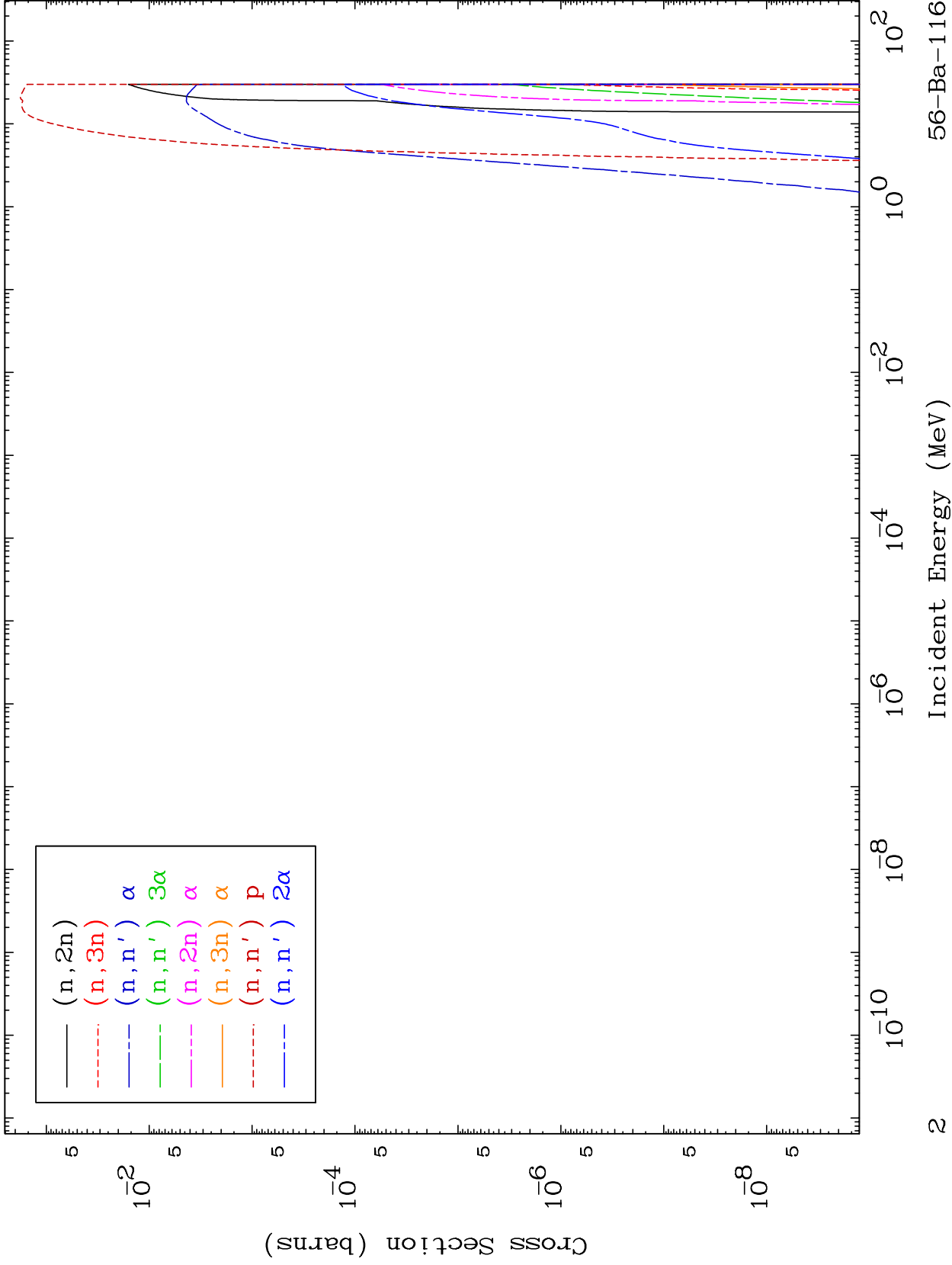
56-Ba-116



MAT 5583

Neutron Production
293 Kelvin Cross Sections

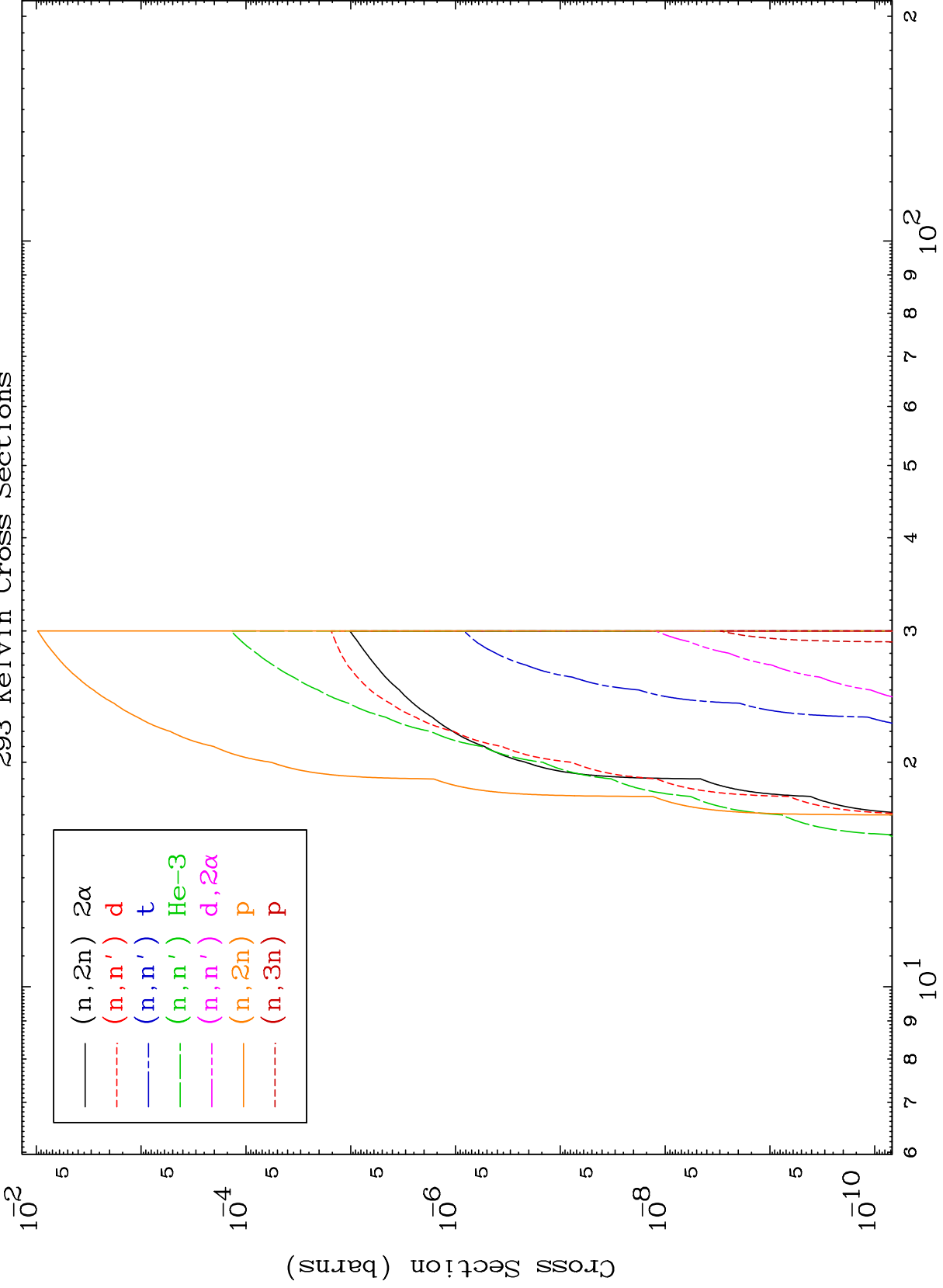
56-Ba-116



MAT 5583

Neutron Production
293 Kelvin Cross Sections

56-Ba-116



3

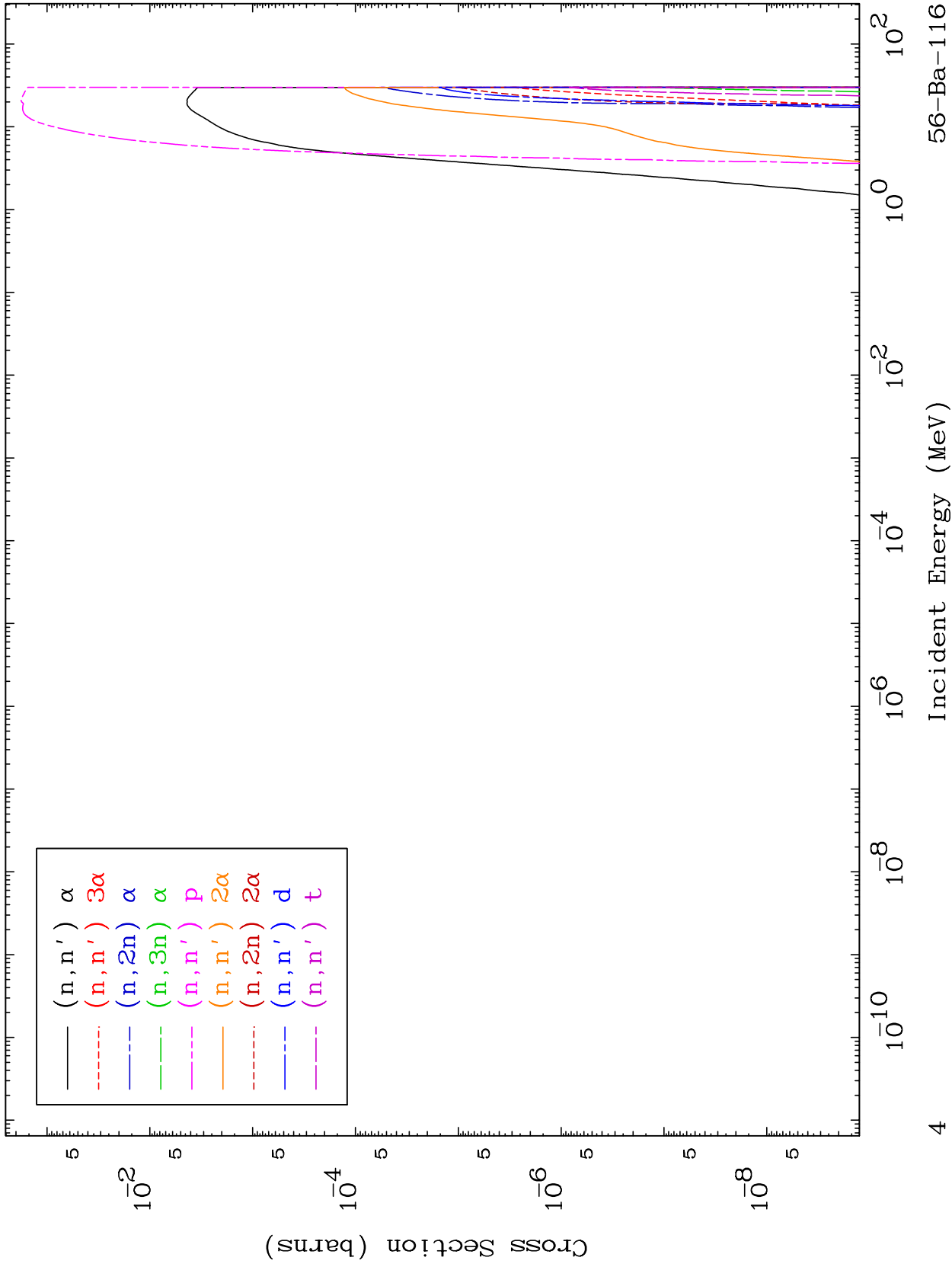
Incident Energy (MeV)

56-Ba-116

MAT 5583

Charged Particle
293 Kelvin Cross Sections

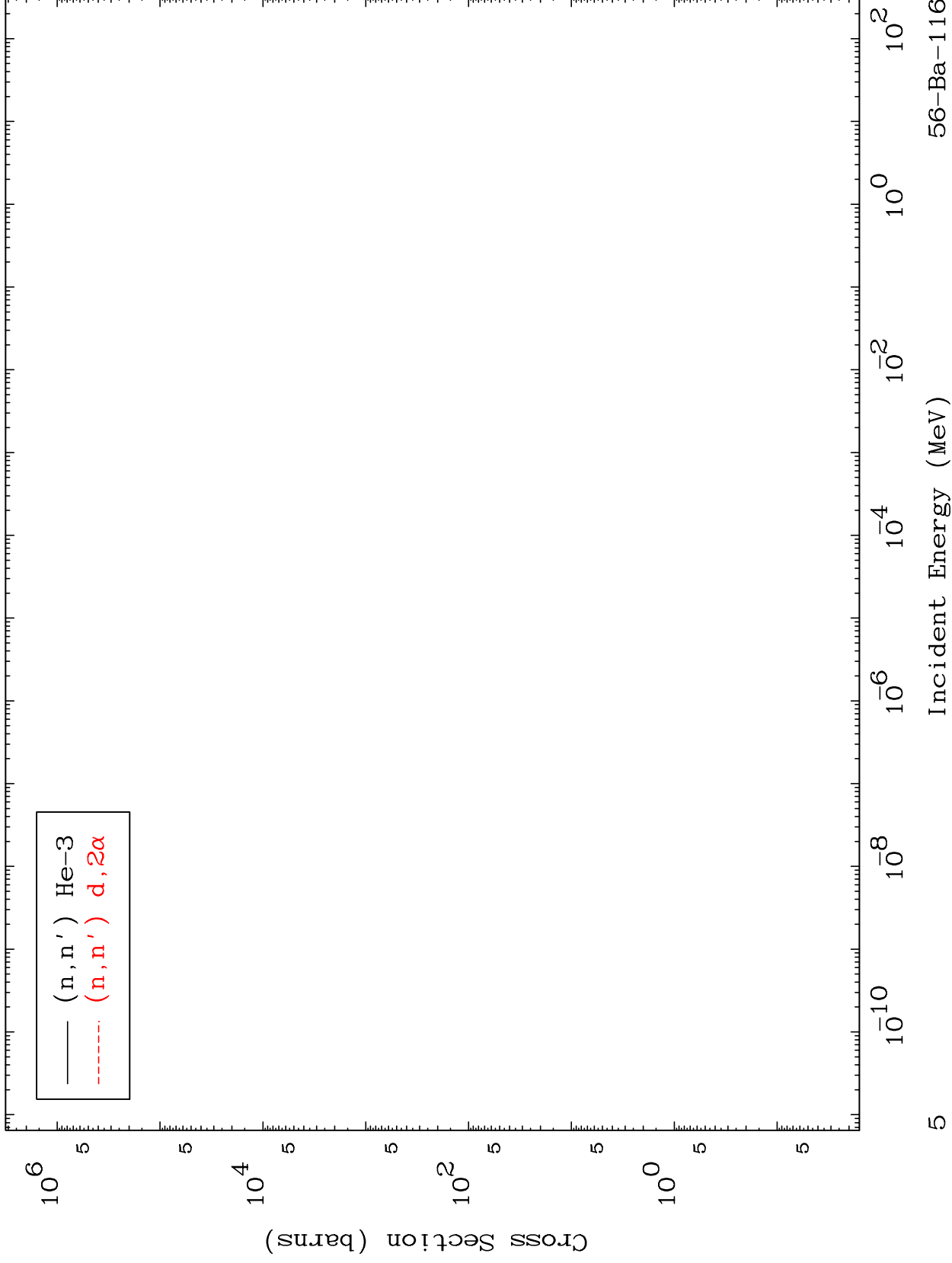
56-Ba-116



MAT 5583

Charged Particle
293 Kelvin Cross Sections

56-Ba-116



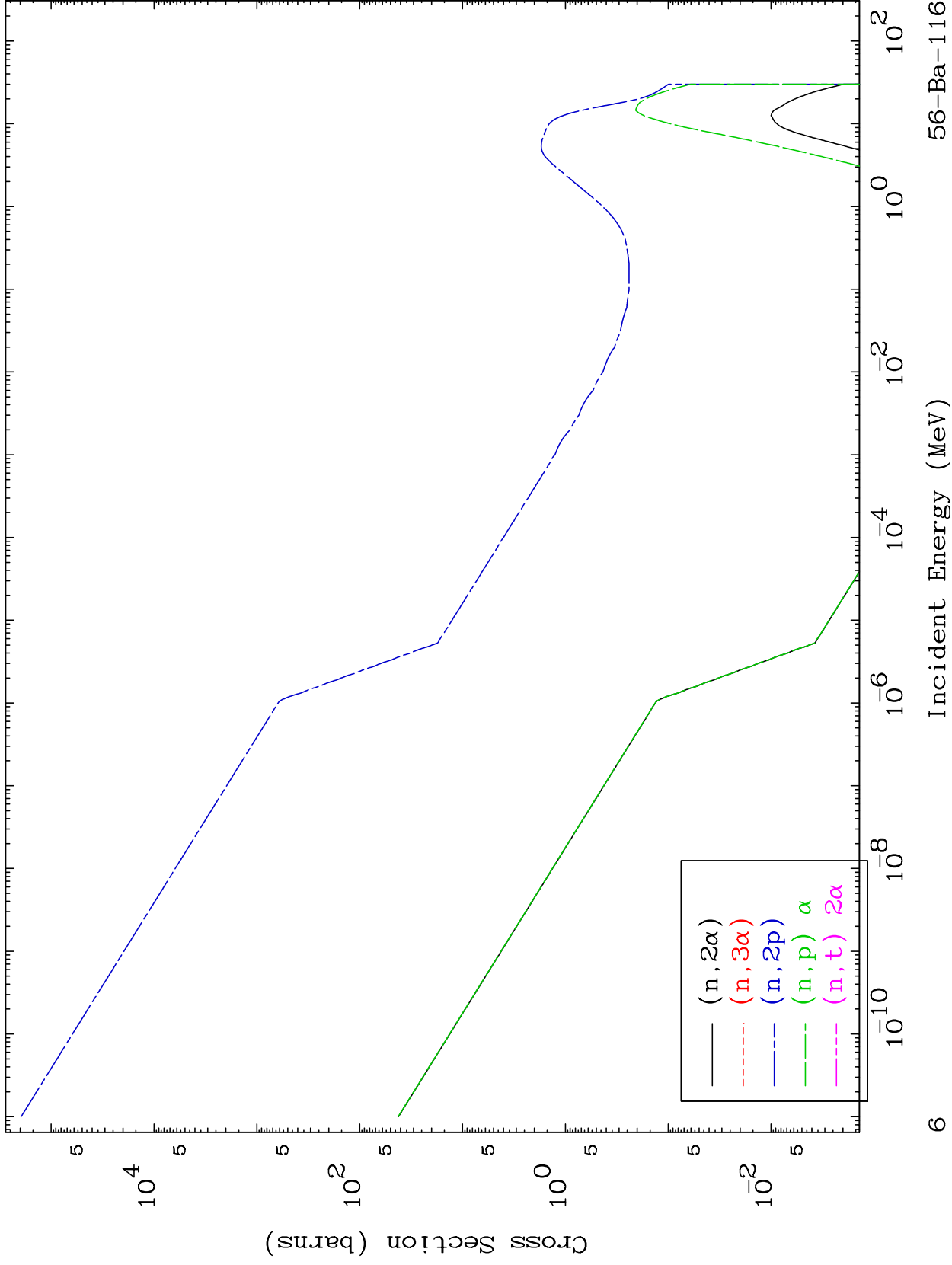
5

56-Ba-116

MAT 5583

Charged Particle
293 Kelvin Cross Sections

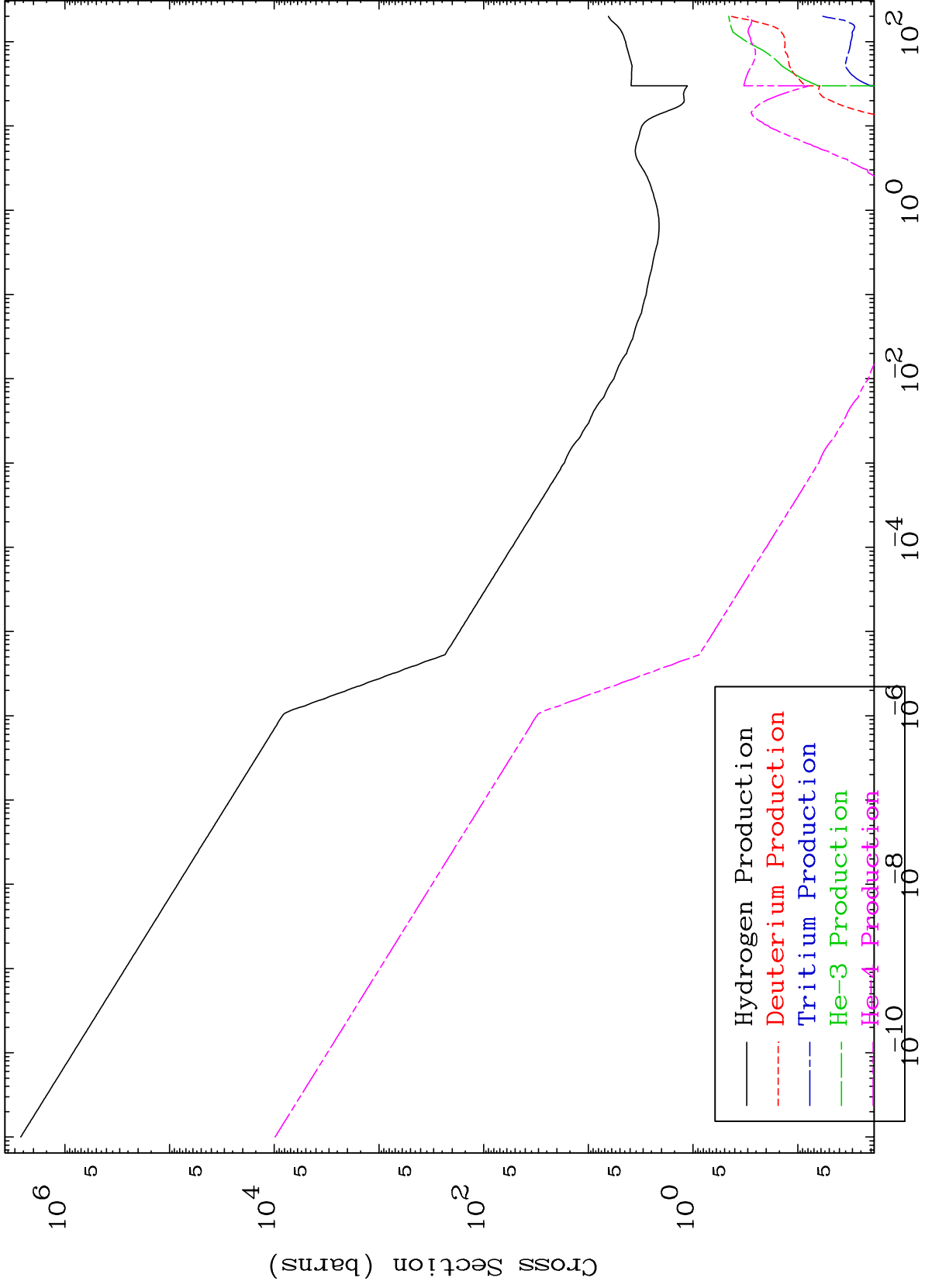
56-Ba-116



MAT 5583

Particle Production
293 Kelvin Cross Sections

56-Ba-116



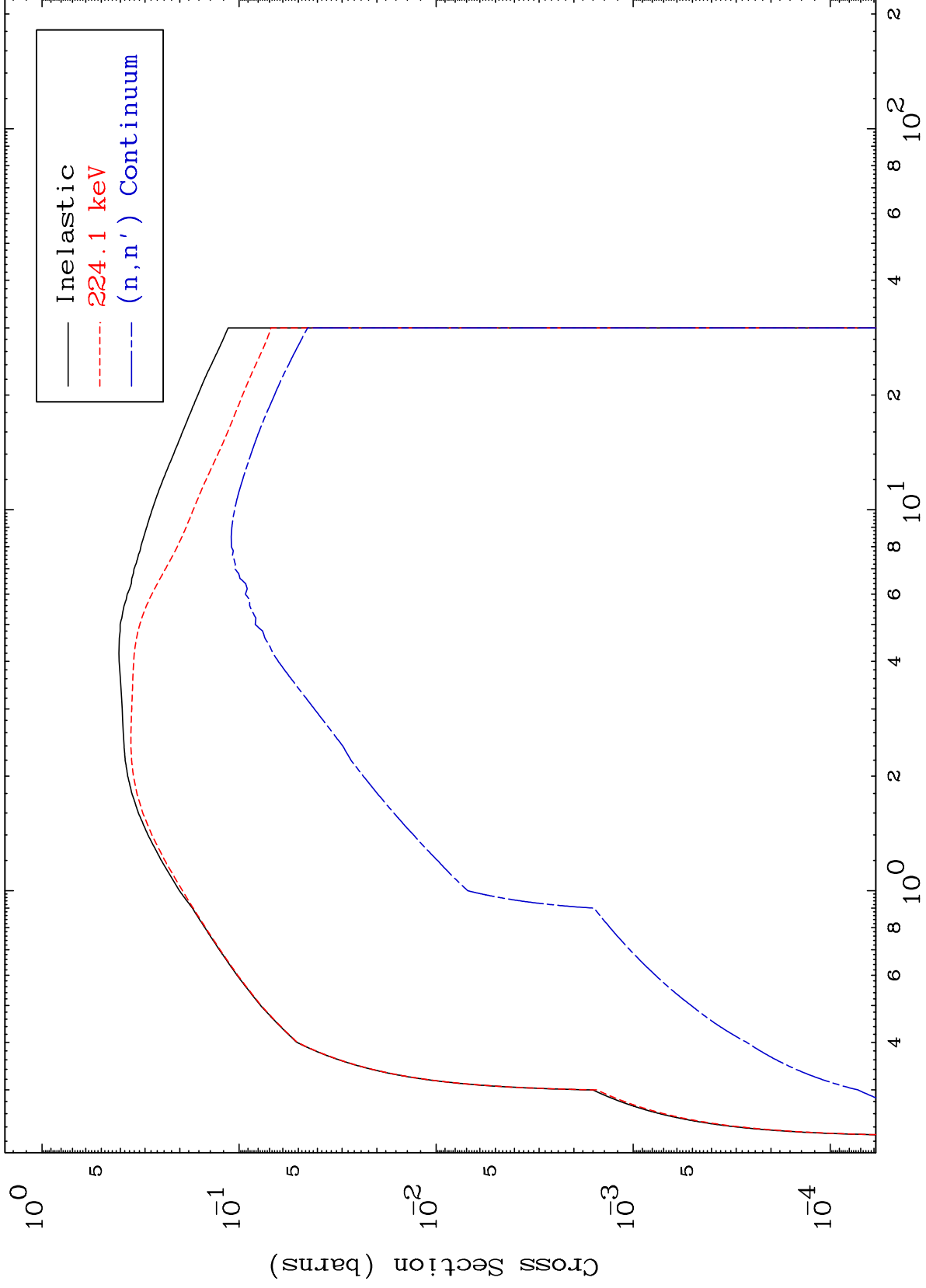
56-Ba-116

Incident Energy (MeV)

MAT 5583

(n,n') Level
293 Kelvin Cross Sections

56-Ba-116



8

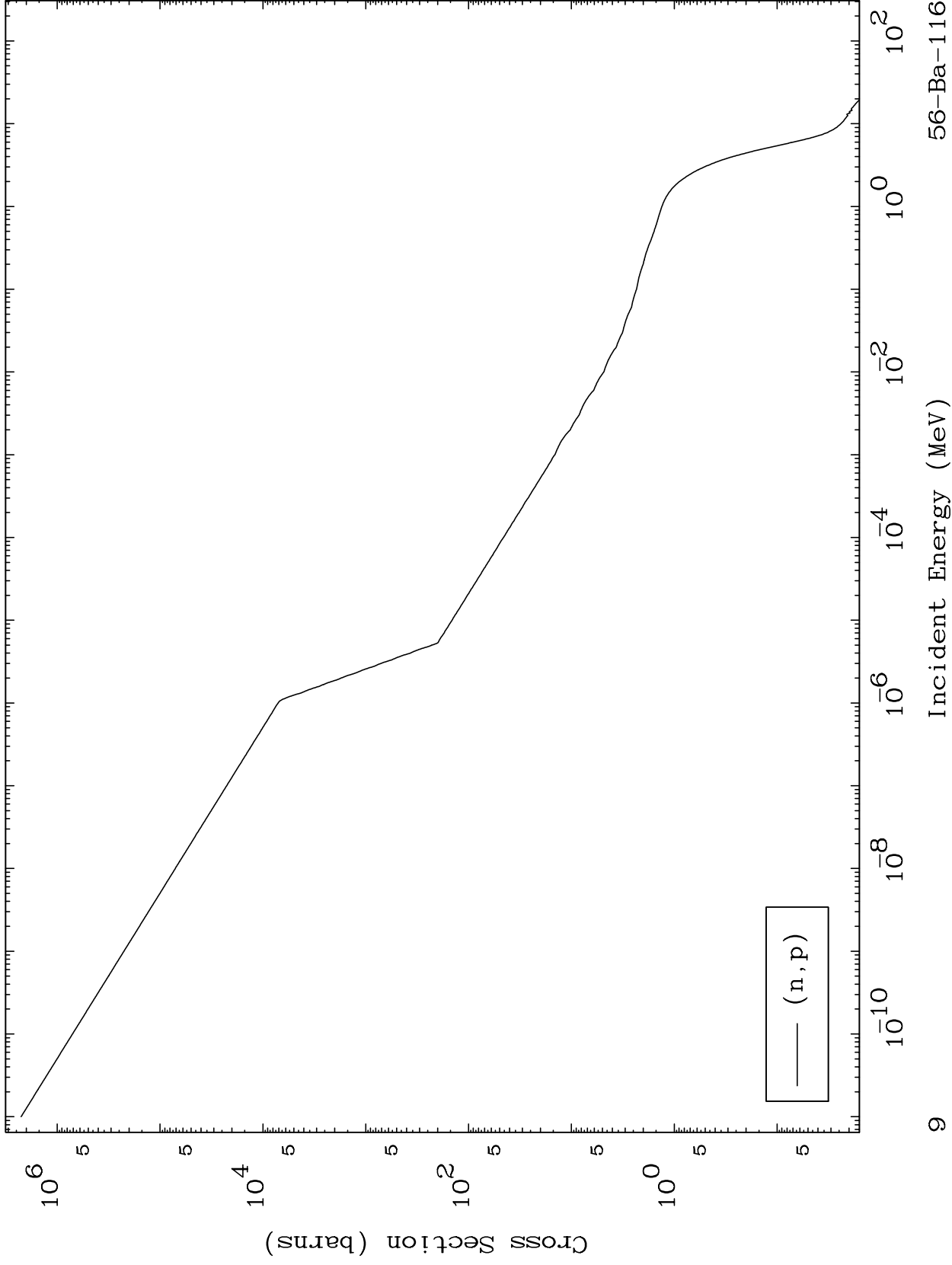
Incident Energy (MeV)

56-Ba-116

MAT 5583

(n,p) Levels
293 Kelvin Cross Sections

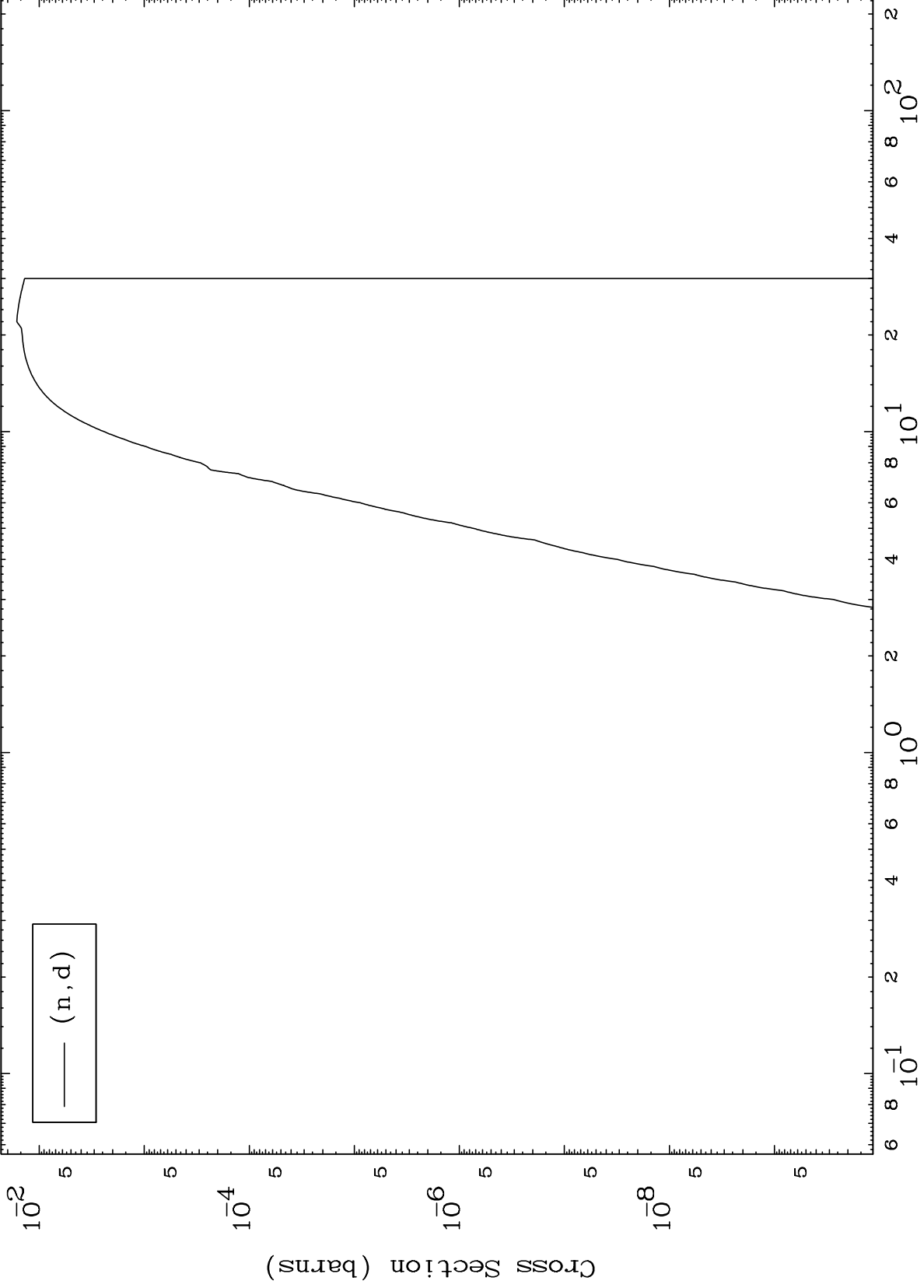
56-Ba-116



MAT 5583

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-116



10

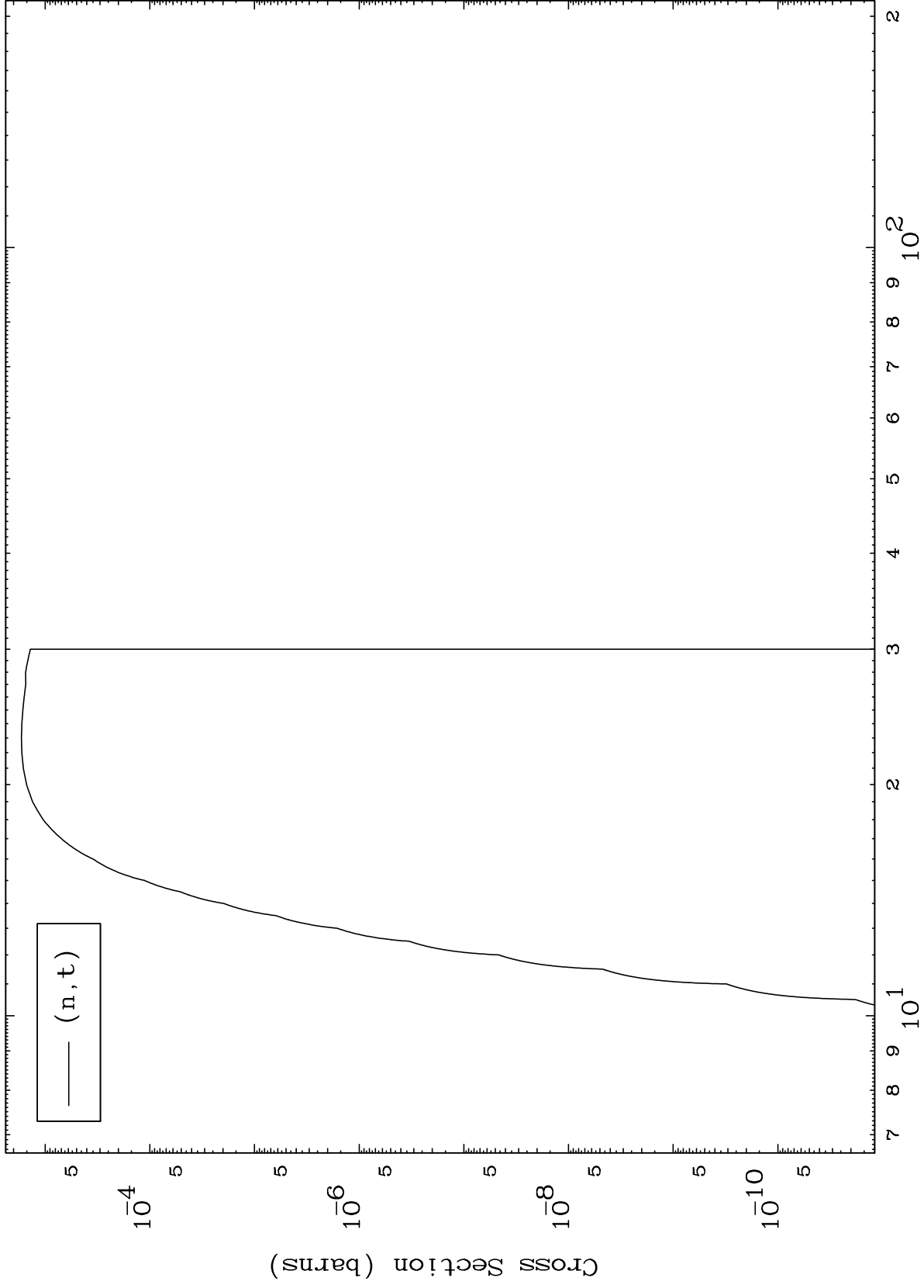
Incident Energy (MeV)

56-Ba-116

MAT 5583

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-116



11

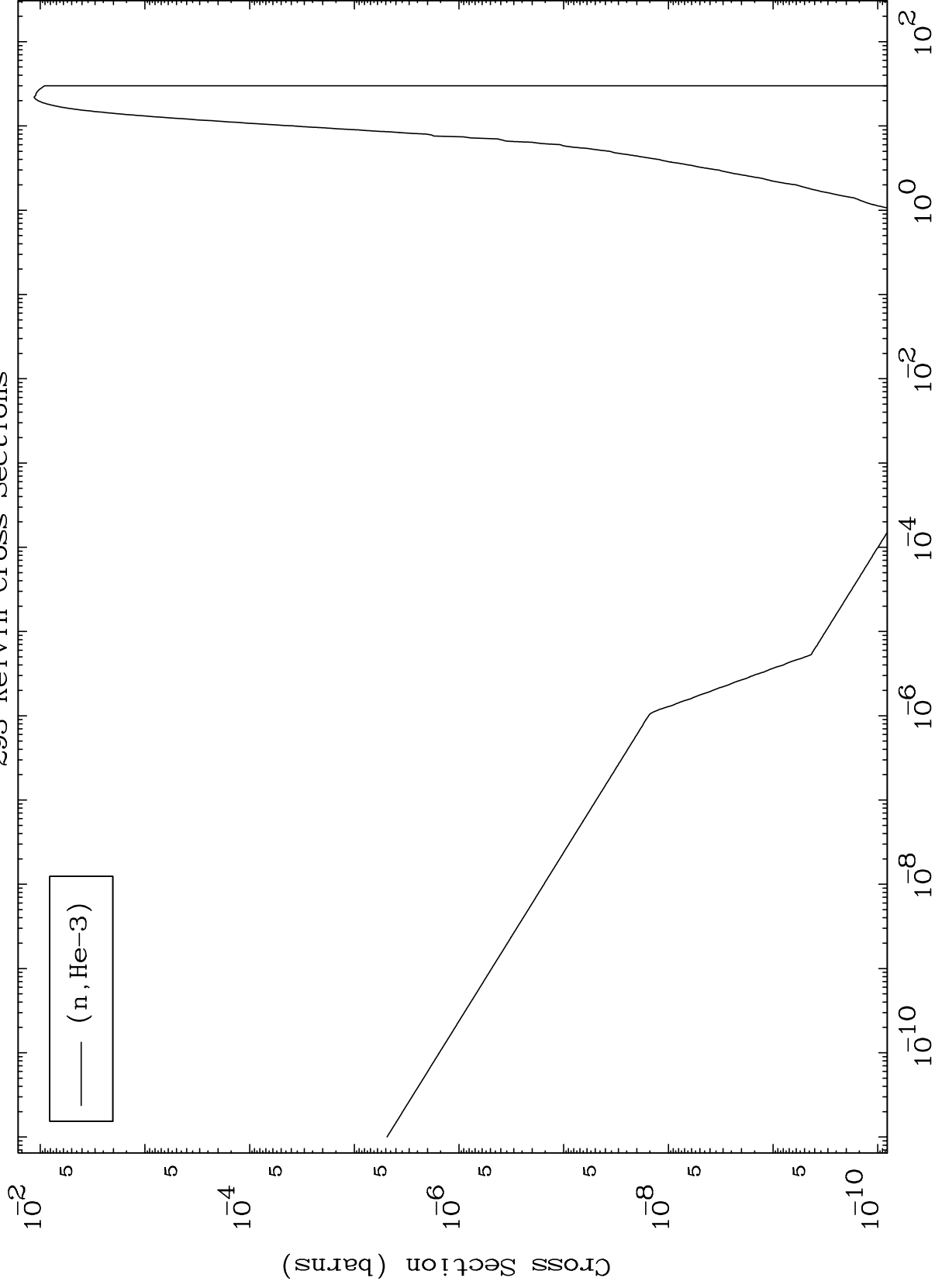
Incident Energy (MeV)

56-Ba-116

MAT 5583

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-116



56-Ba-116

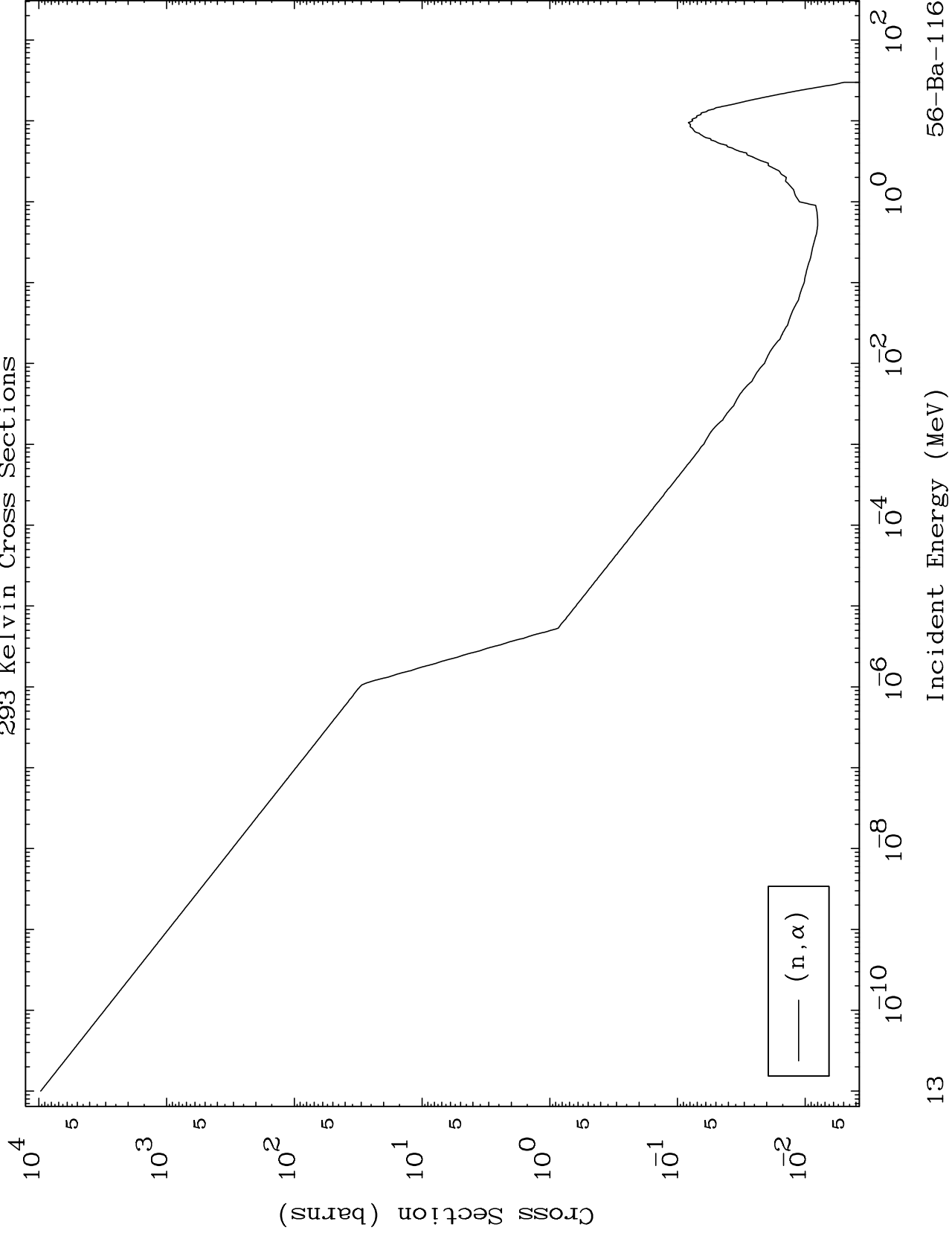
Incident Energy (MeV)

12

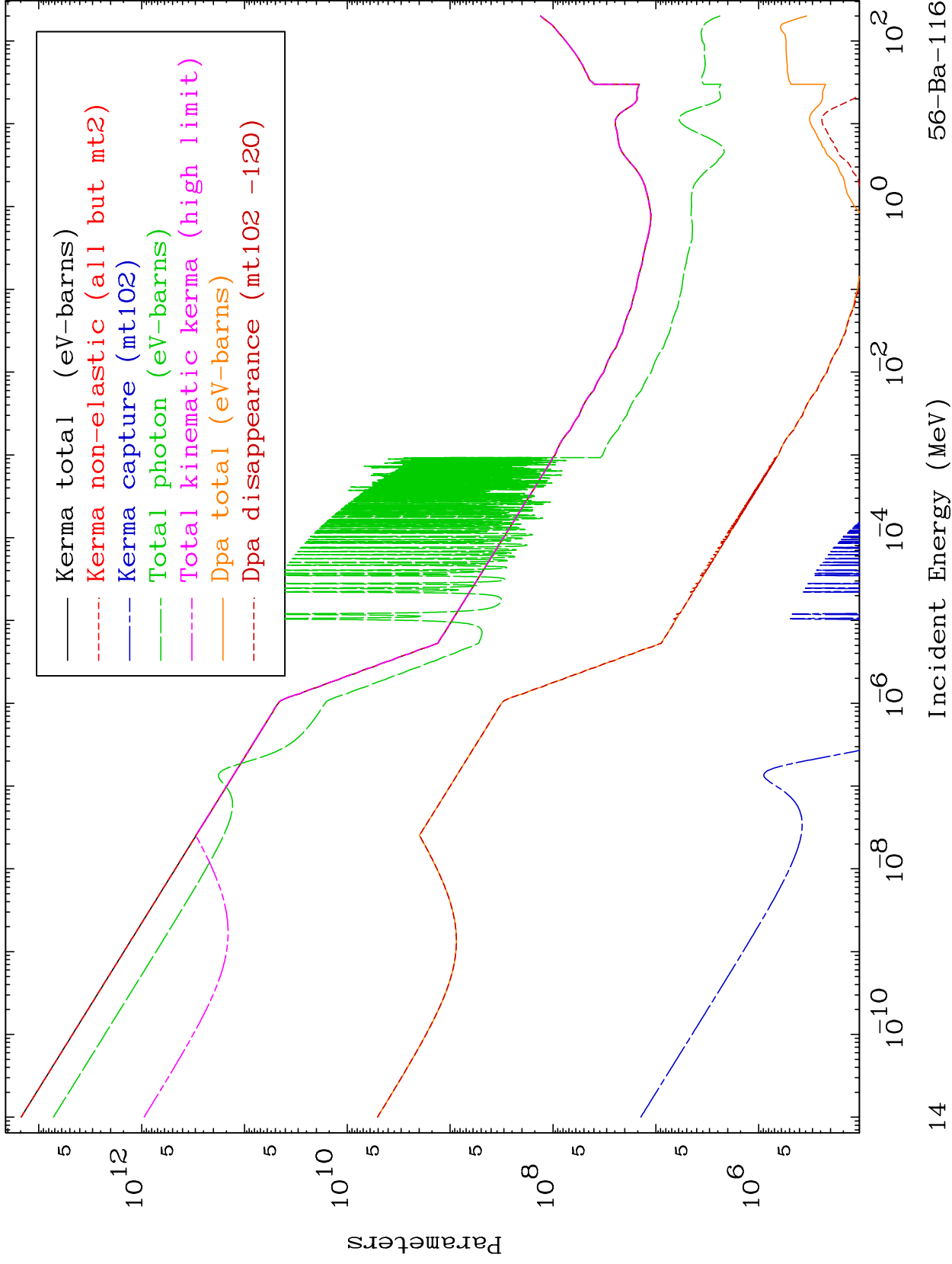
MAT 5583

(n,α) Levels
293 Kelvin Cross Sections

56-Ba-116



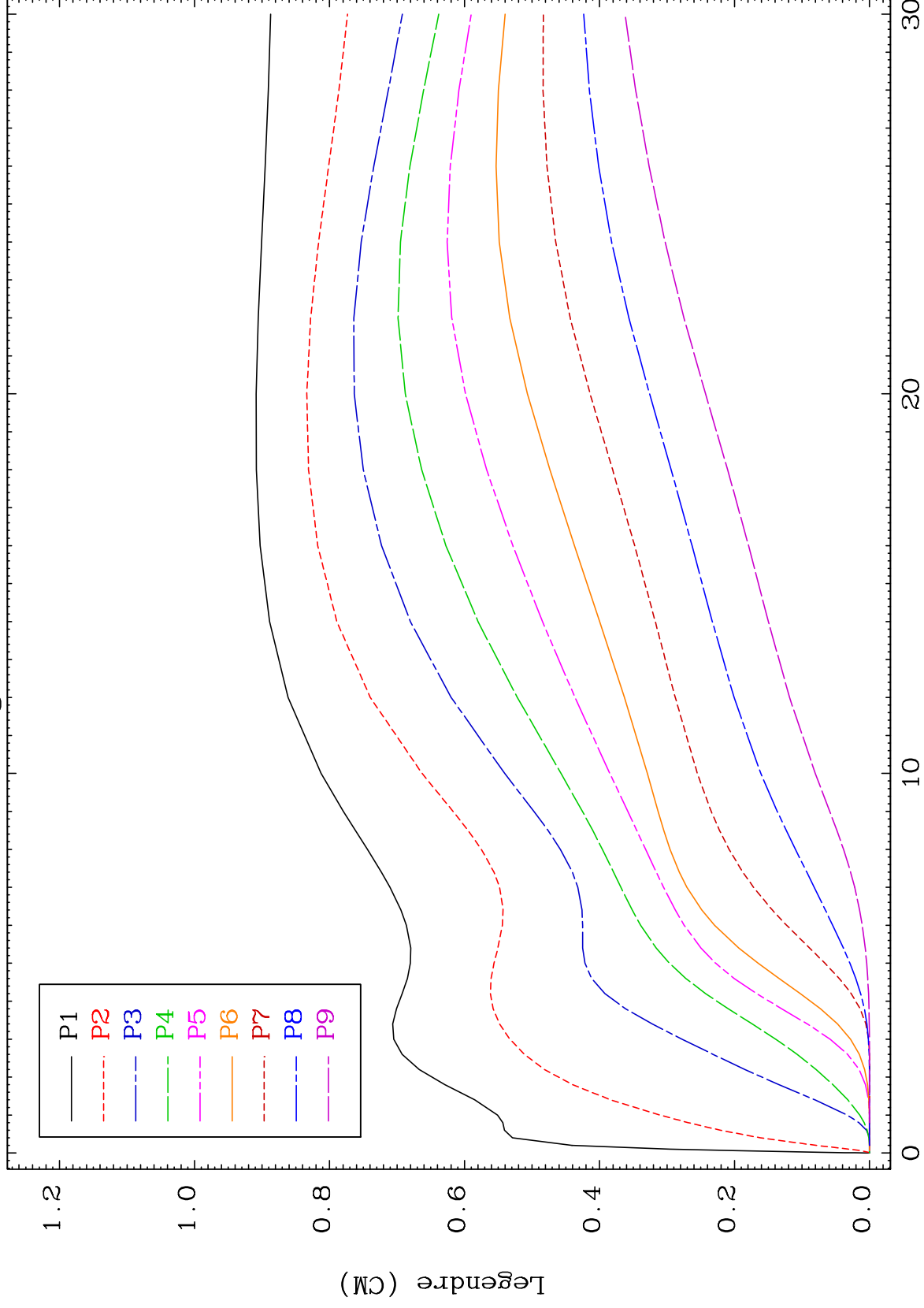
13



MAT 5583

Elastic Legendre Coefficients

56-Ba-116



15

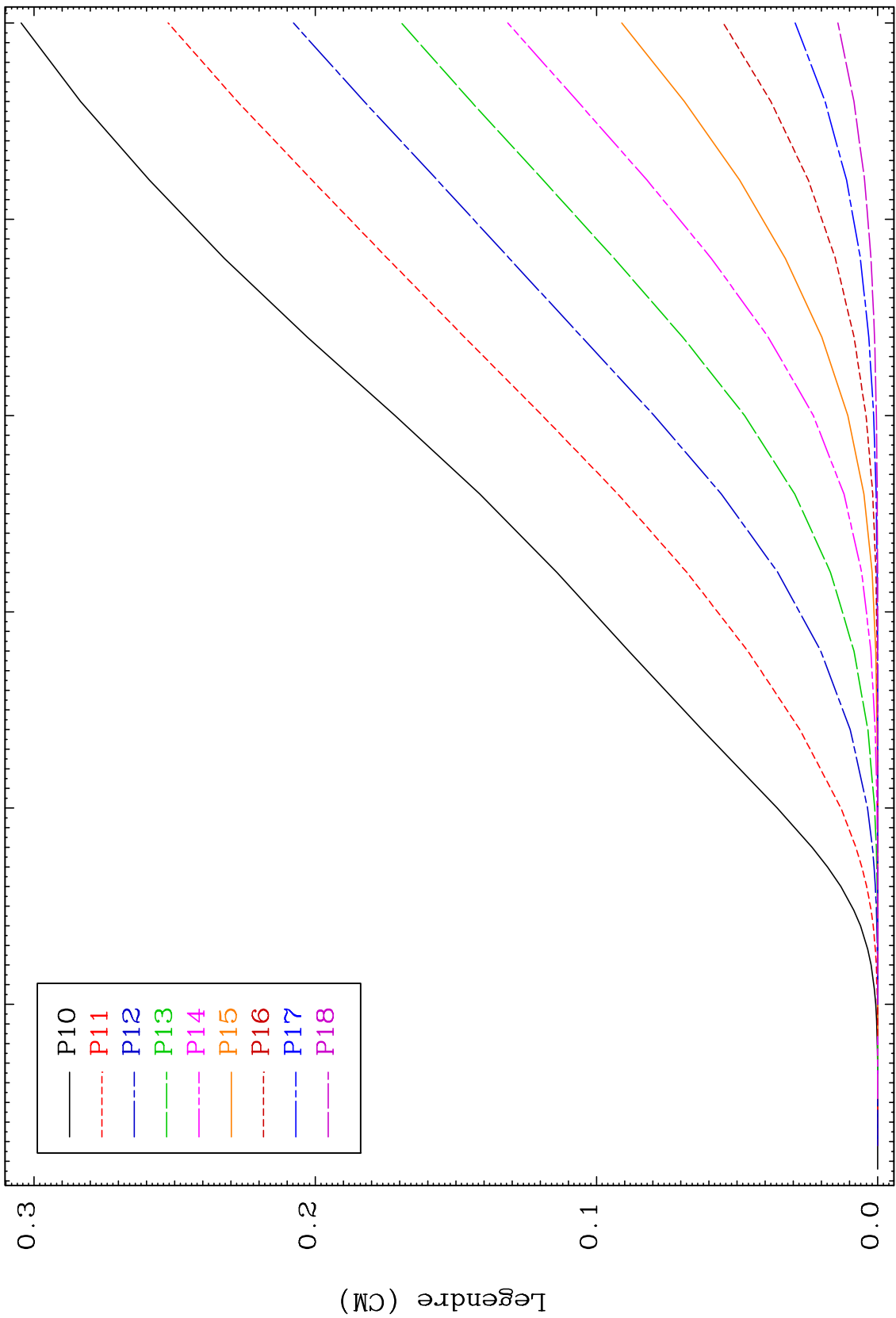
Incident Energy (MeV)

56-Ba-116

MAT 5583

Elastic Legendre Coefficients

56-Ba-116



16

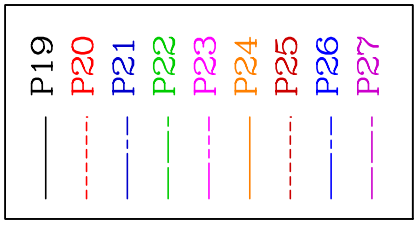
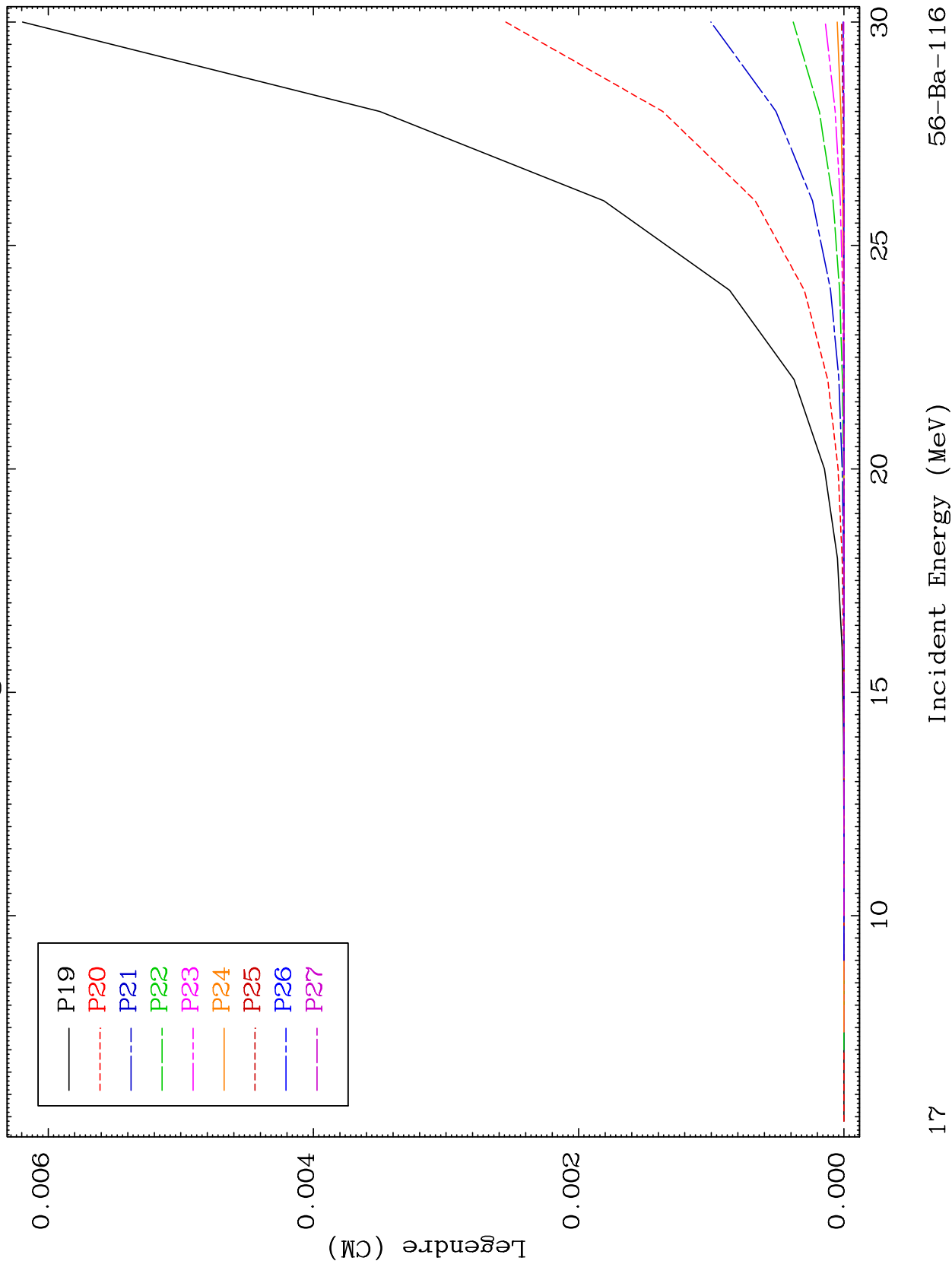
Incident Energy (MeV)

56-Ba-116

MAT 5583

Elastic Legendre Coefficients

56-Ba-116

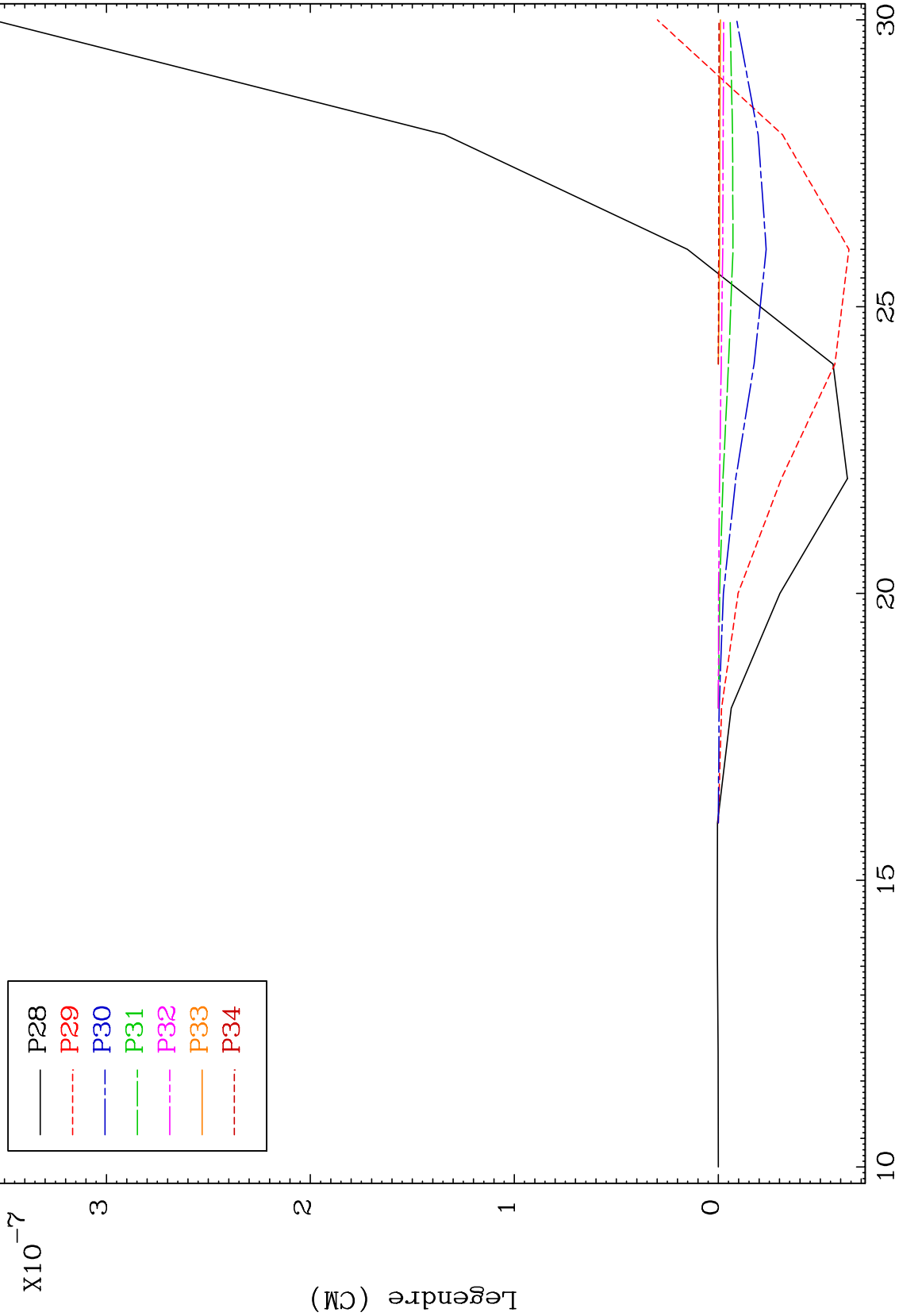
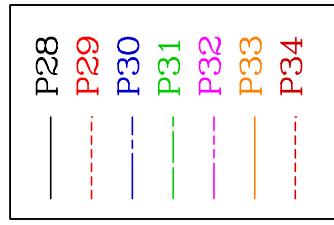


17

MAT 5583

Elastic Legendre Coefficients

56-Ba-116



Incident Energy (MeV)

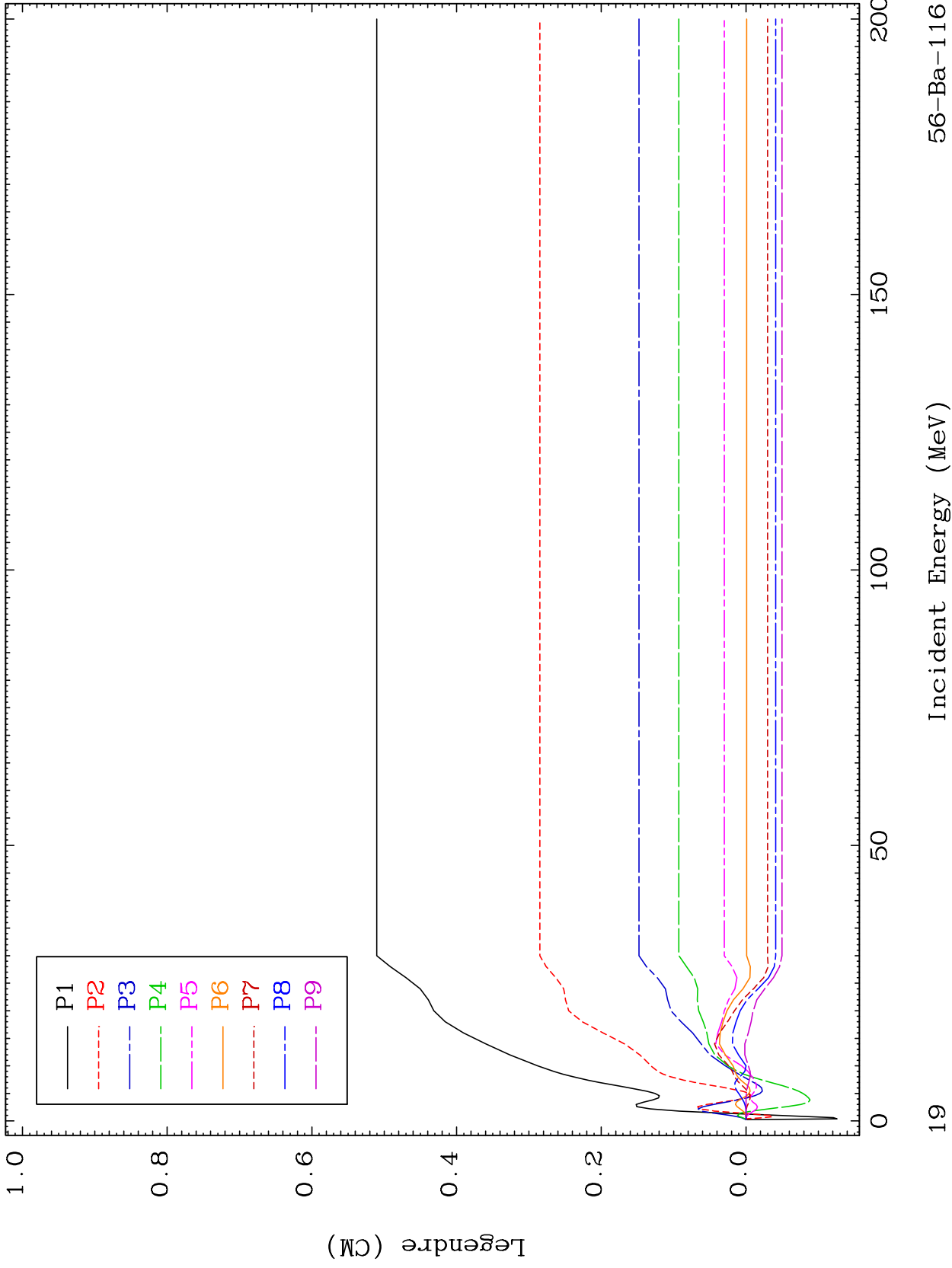
56-Ba-116

18

MAT 5583

224.1 keV (n,n') Level
Legendre Coefficients

56-Ba-116

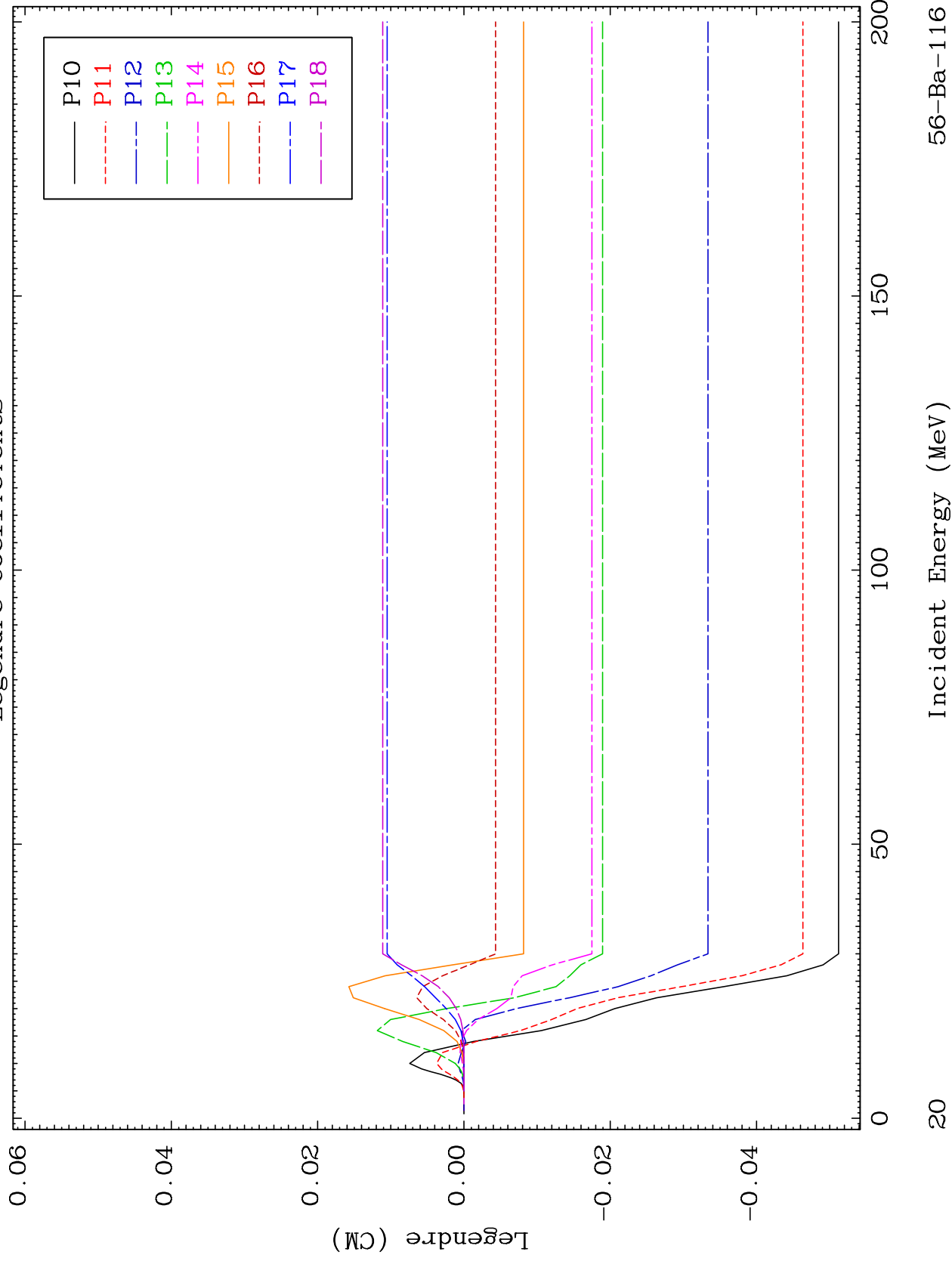


19

MAT 5583

224.1 keV (n,n') Level
Legendre Coefficients

56-Ba-116



56-Ba-116

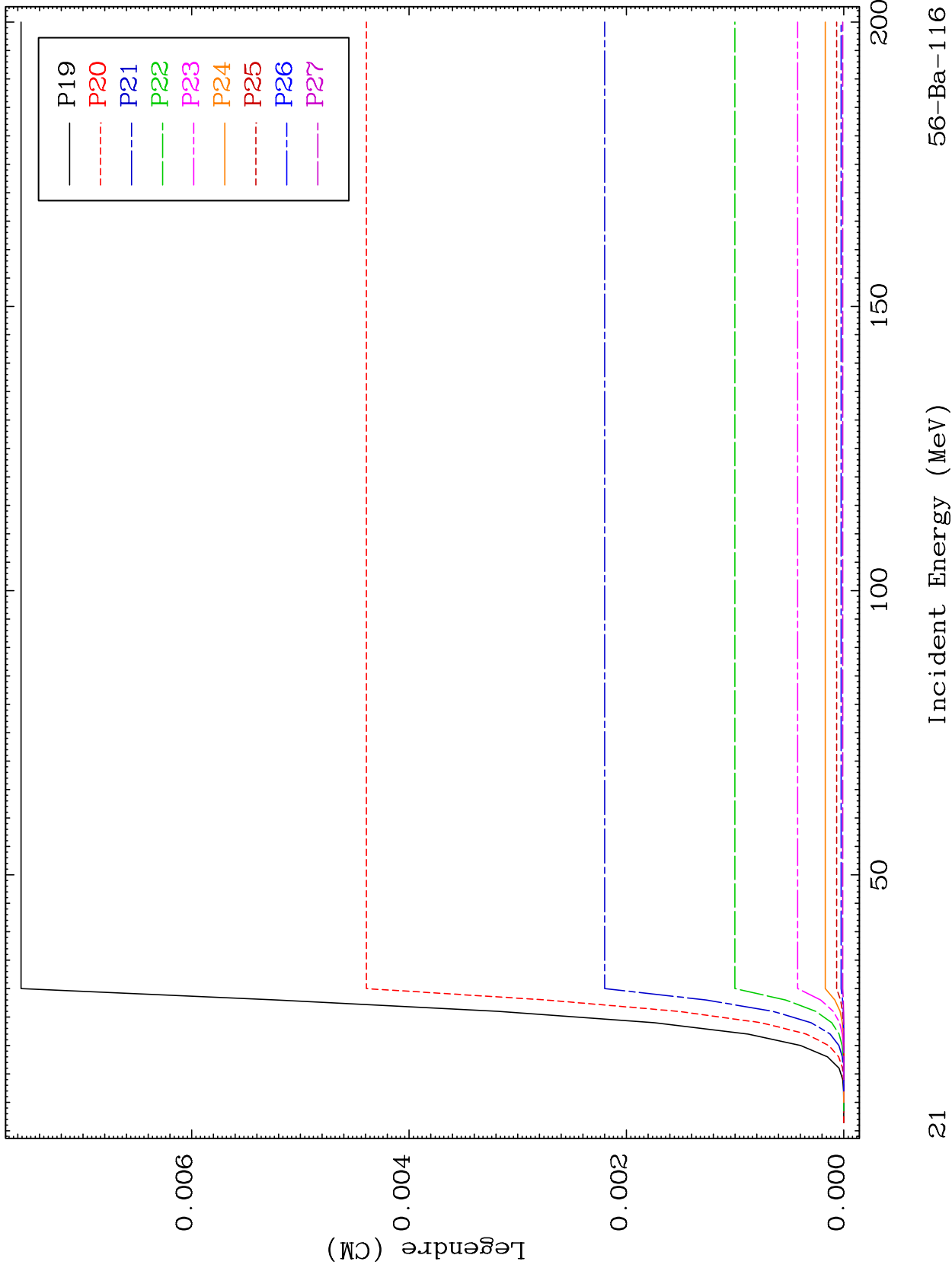
Incident Energy (MeV)

20

MAT 5583

224.1 keV (n,n') Level
Legendre Coefficients

56-Ba-116



21

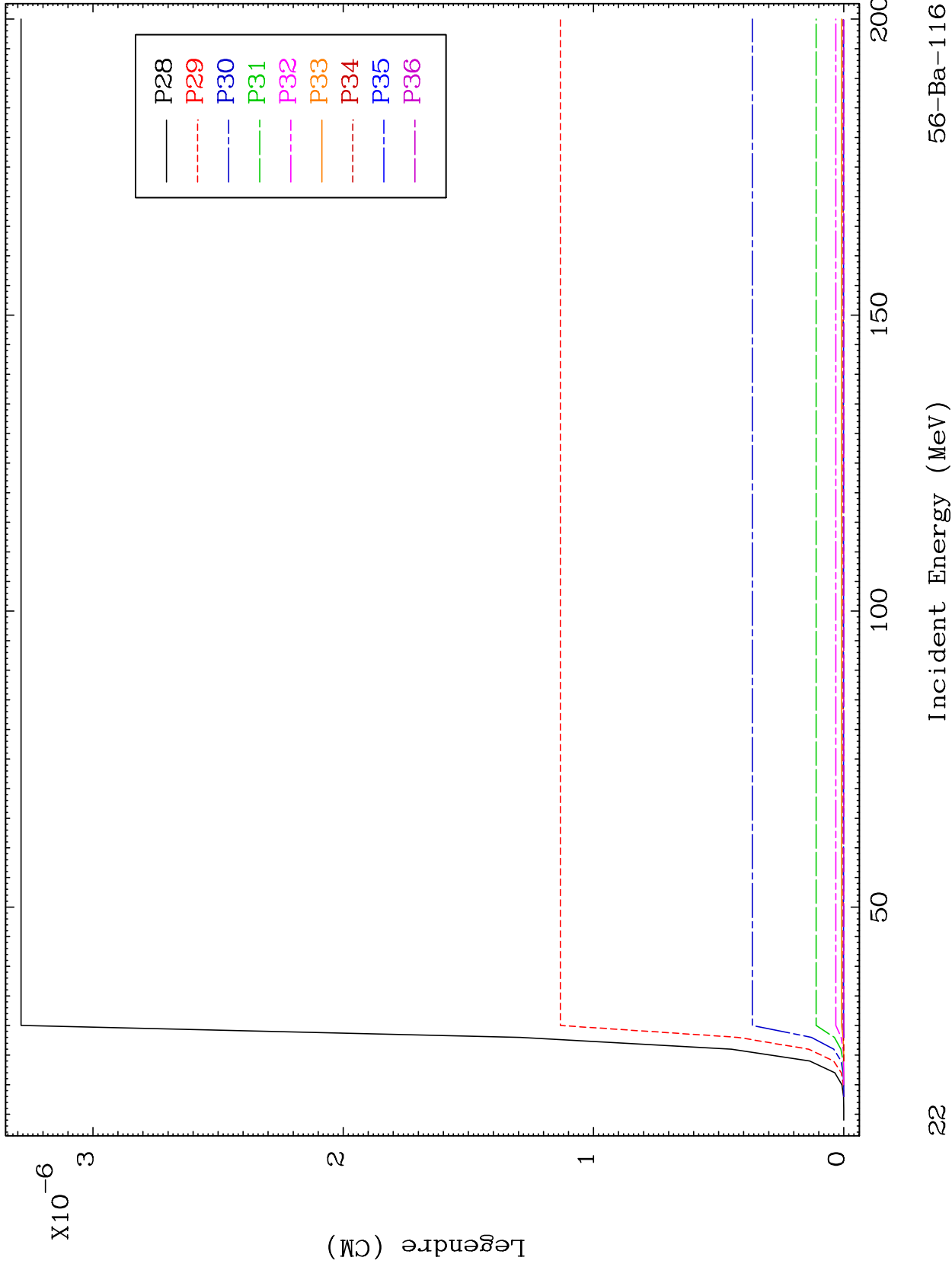
Incident Energy (MeV)

56-Ba-116

MAT 5583

224.1 keV (n,n') Level
Legendre Coefficients

56-Ba-116



22

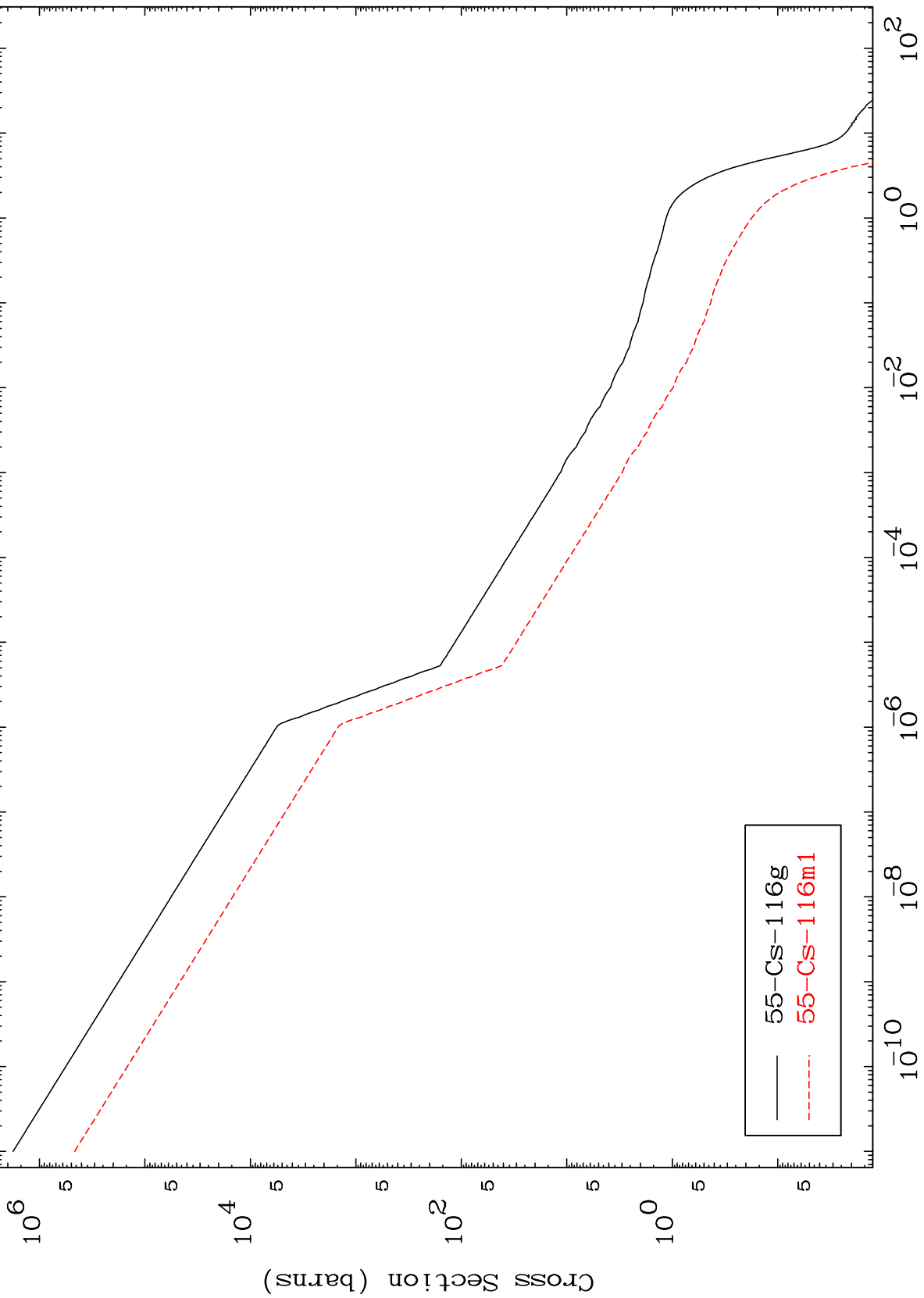
Incident Energy (MeV)

56-Ba-116

MAT 5583

56-Ba-116

(n,p)
Radionuclide Production Cross Section



56-Ba-116

Incident Energy (MeV)

— 55-Cs-116g
- - - 55-Cs-116m1

23