

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

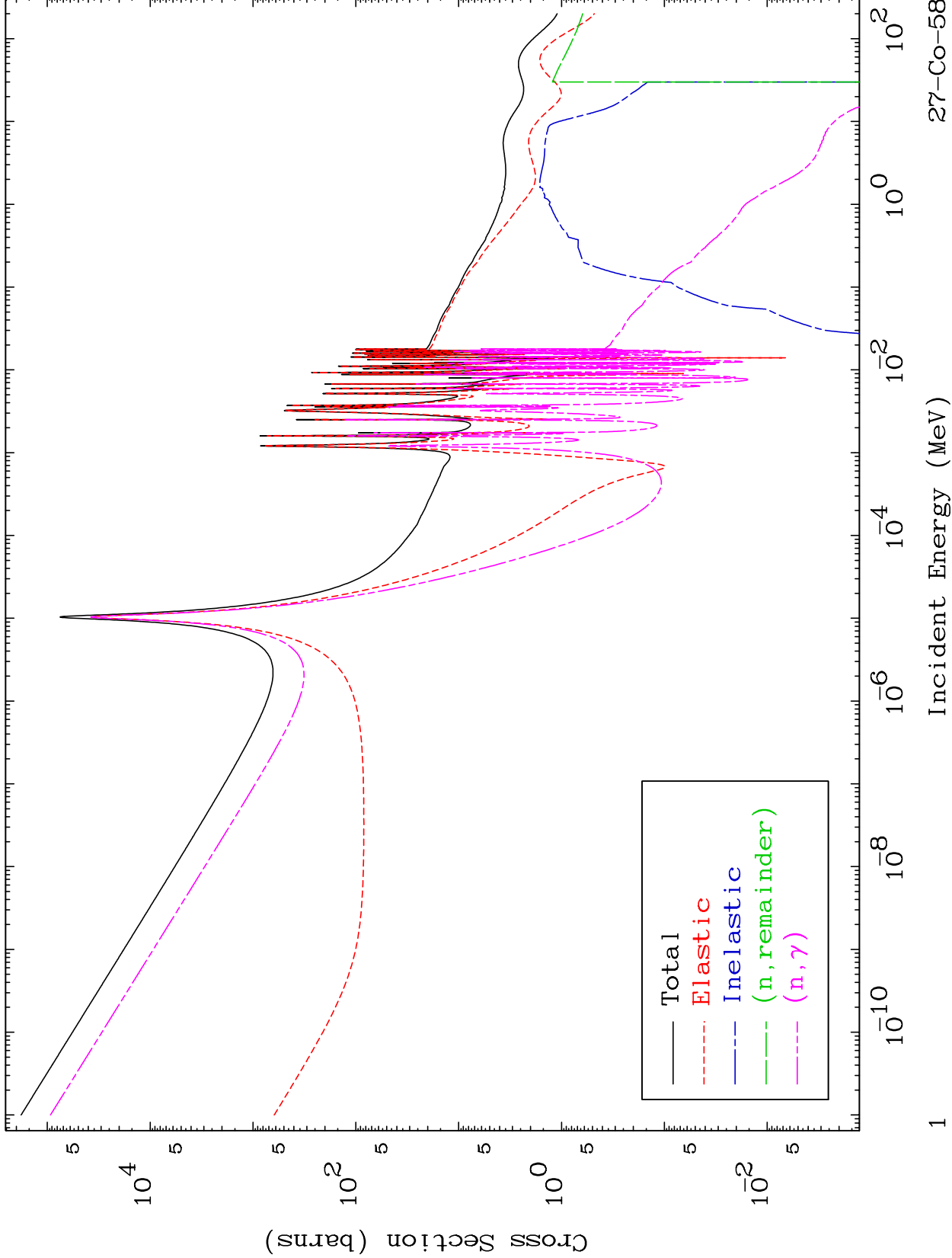
Press Mouse Button to Start

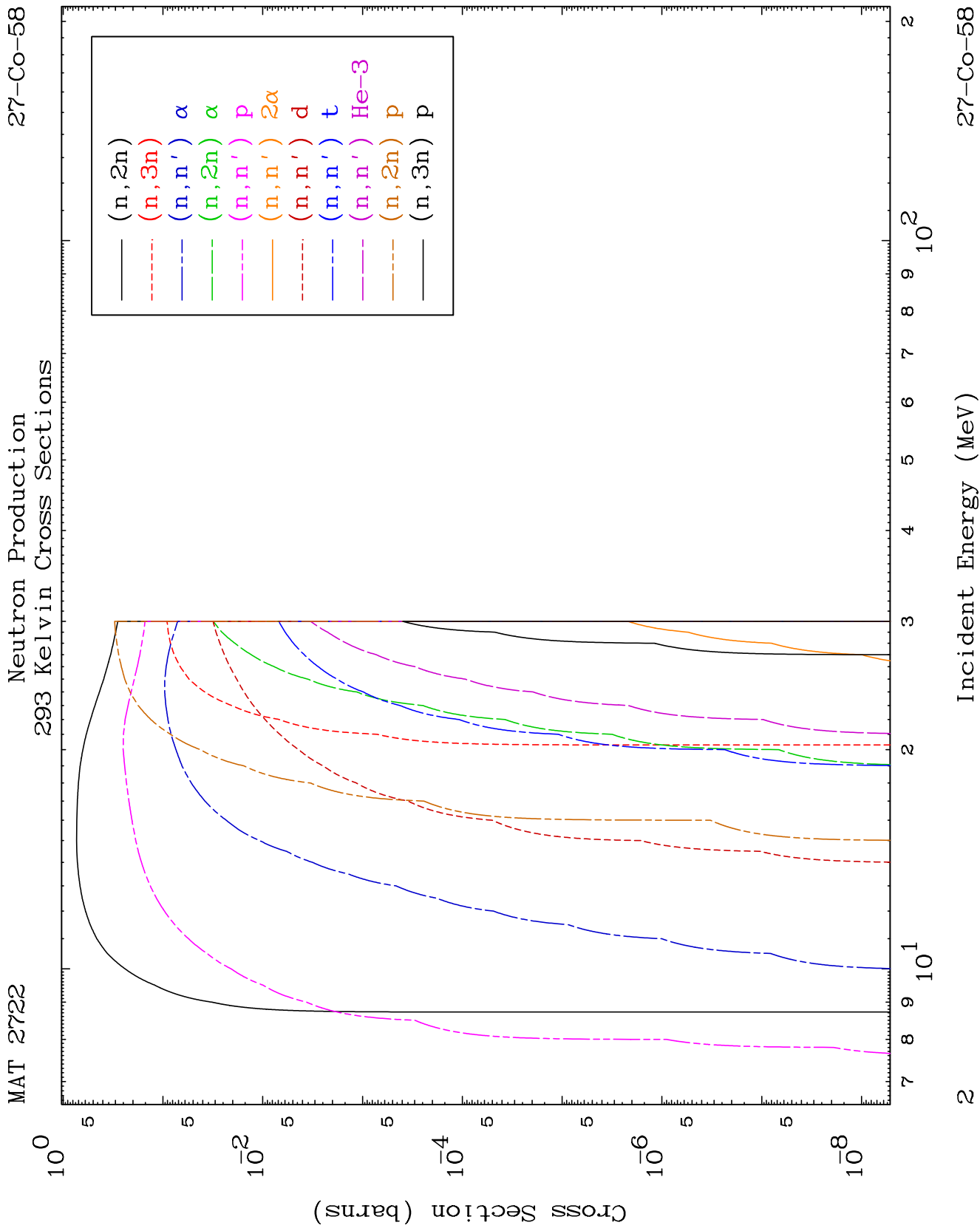
MAT 2722

Major

293 Kelvin Cross Sections

27-Co-58



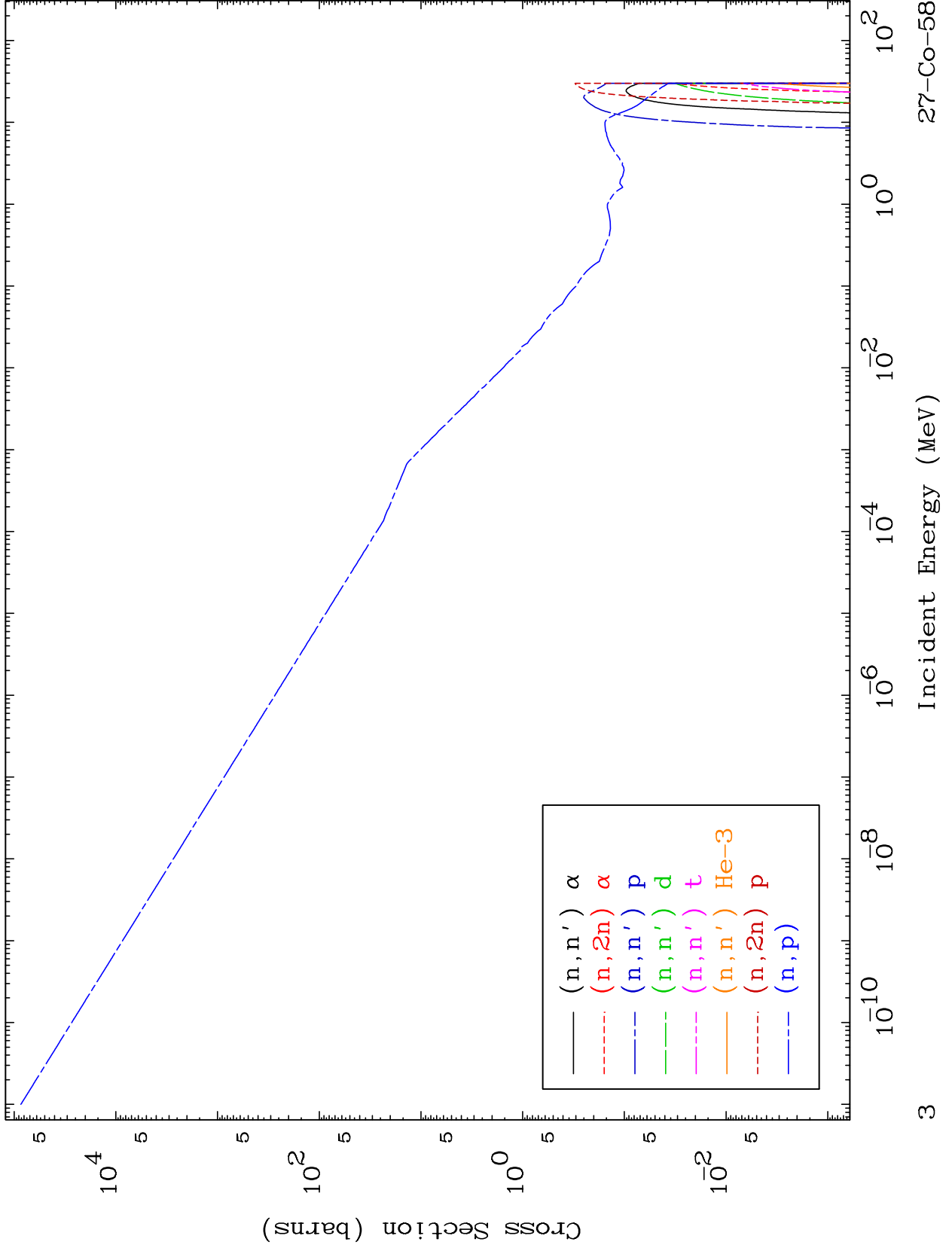


MAT 2722

MAT 2722

Charged Particle
293 Kelvin Cross Sections

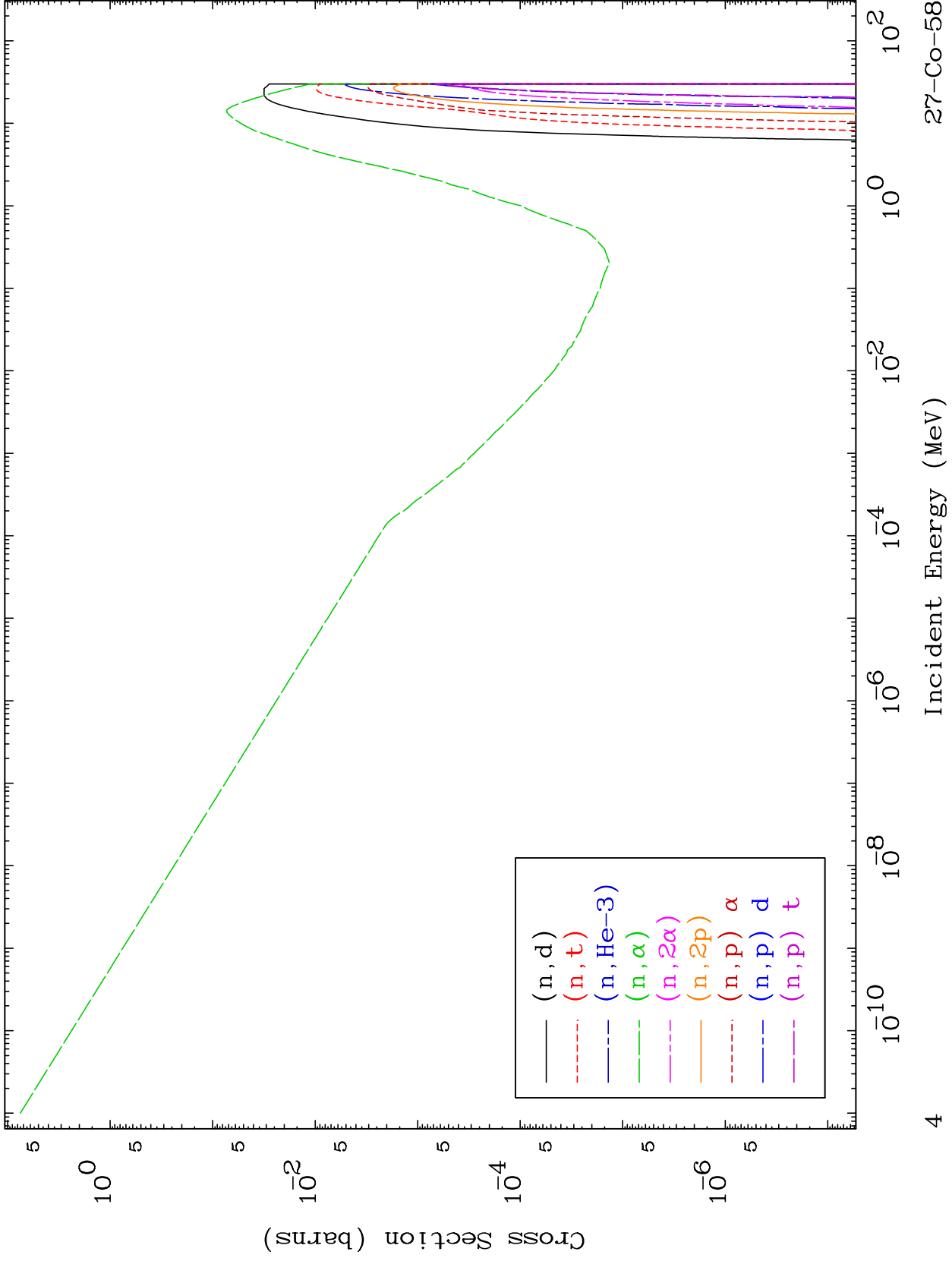
27-Co-58

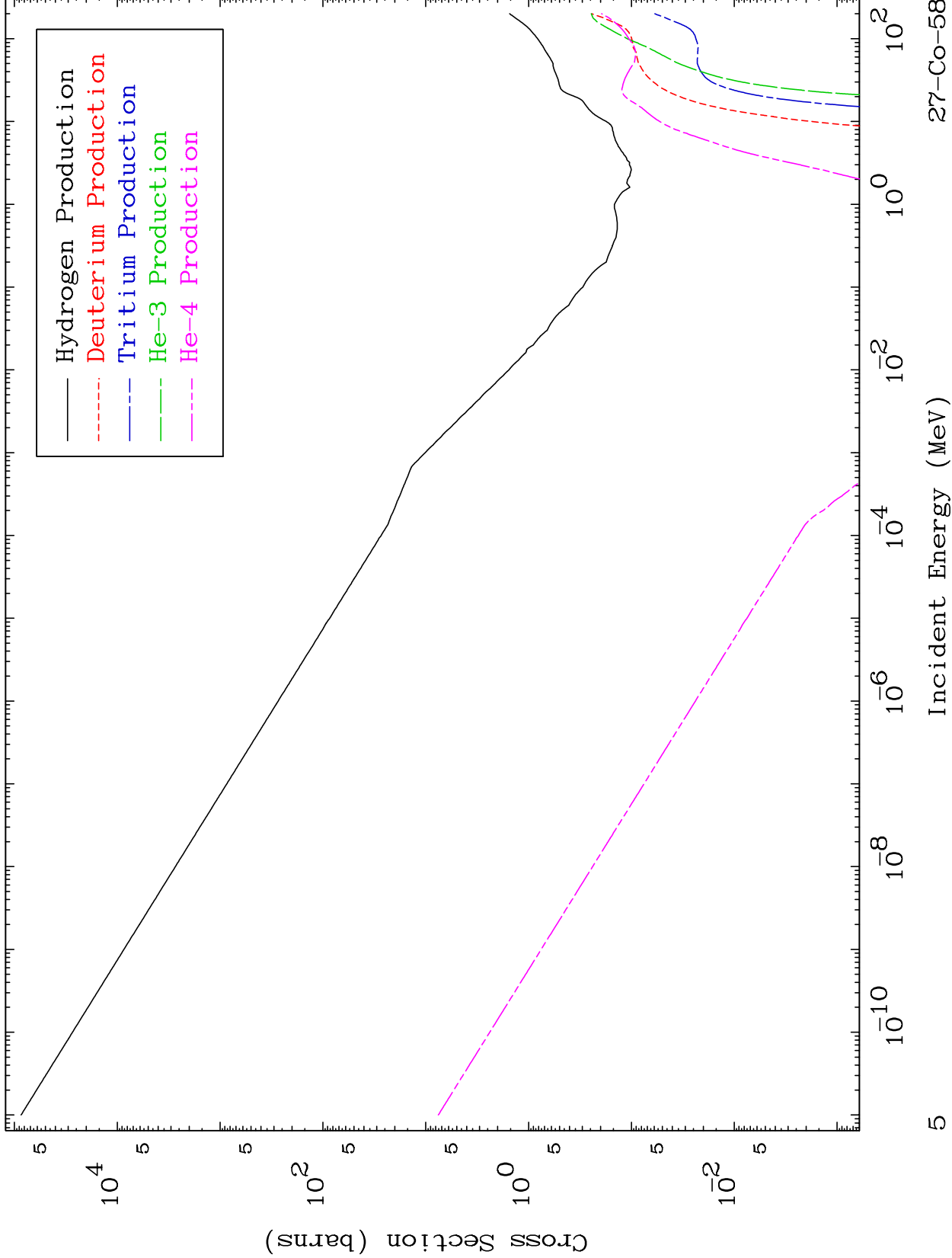


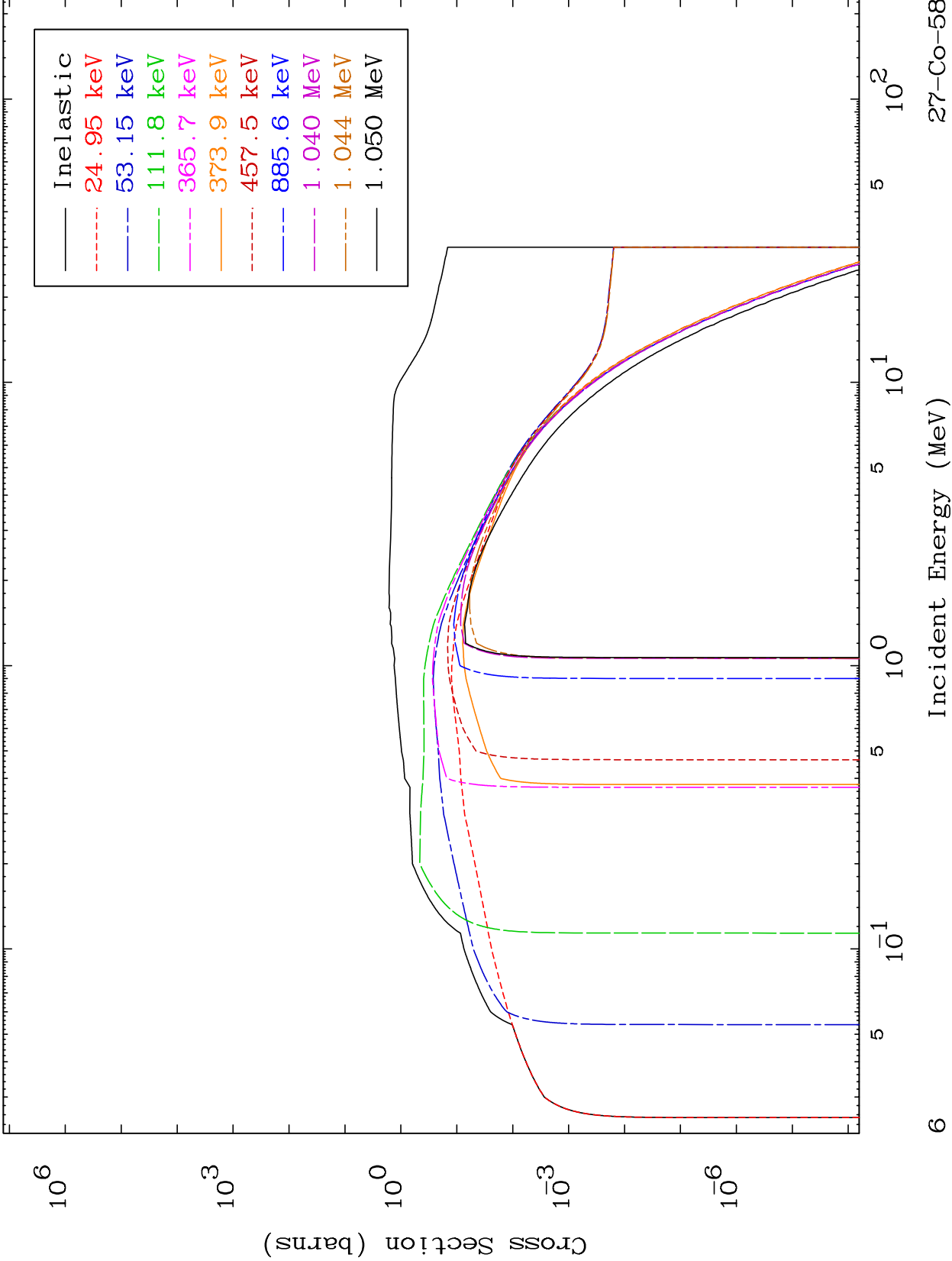
MAT 2722

Charged Particle
293 Kelvin Cross Sections

27-Co-58



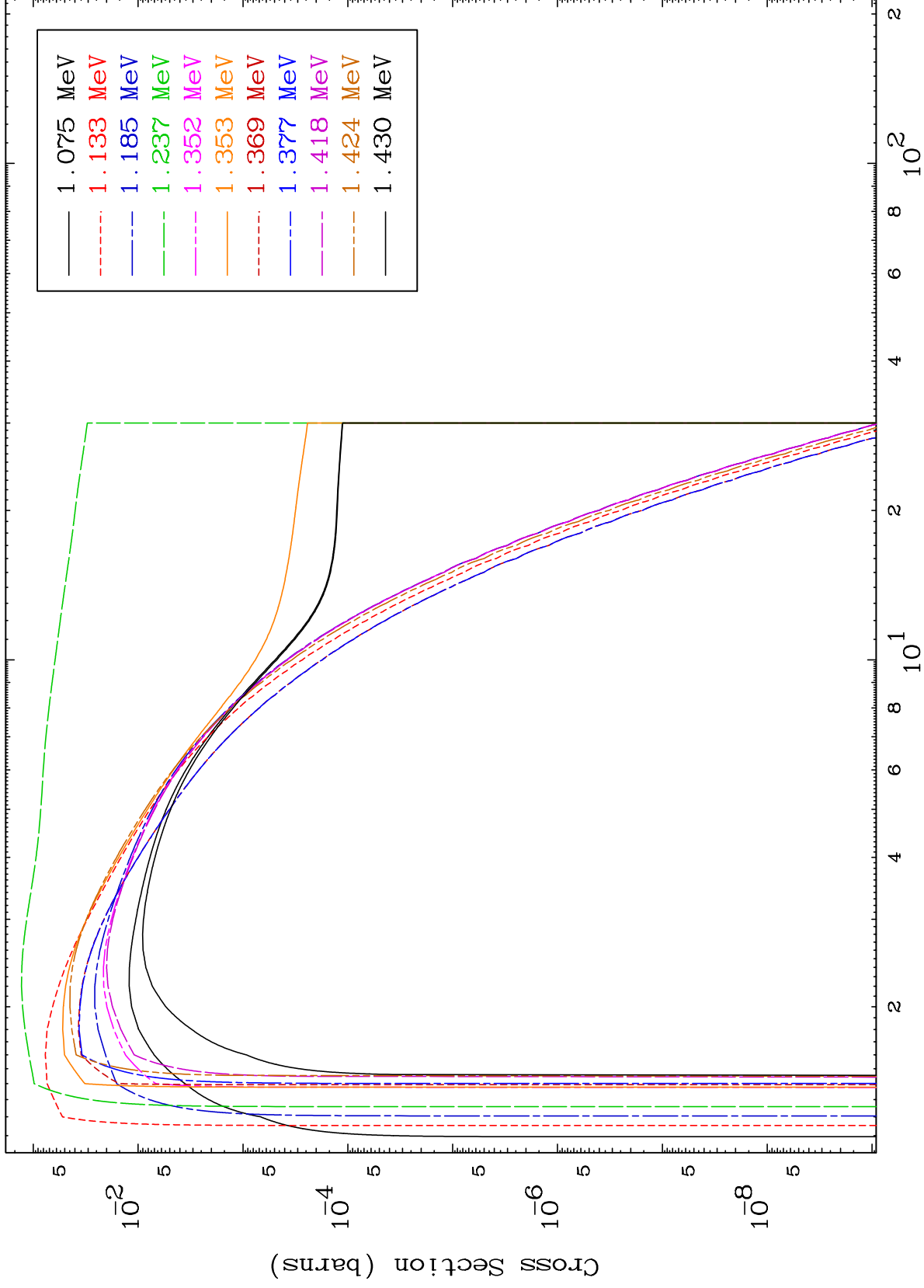




MAT 2722

(n,n') Level
293 Kelvin Cross Sections

27-Co-58



7

Incident Energy (MeV)

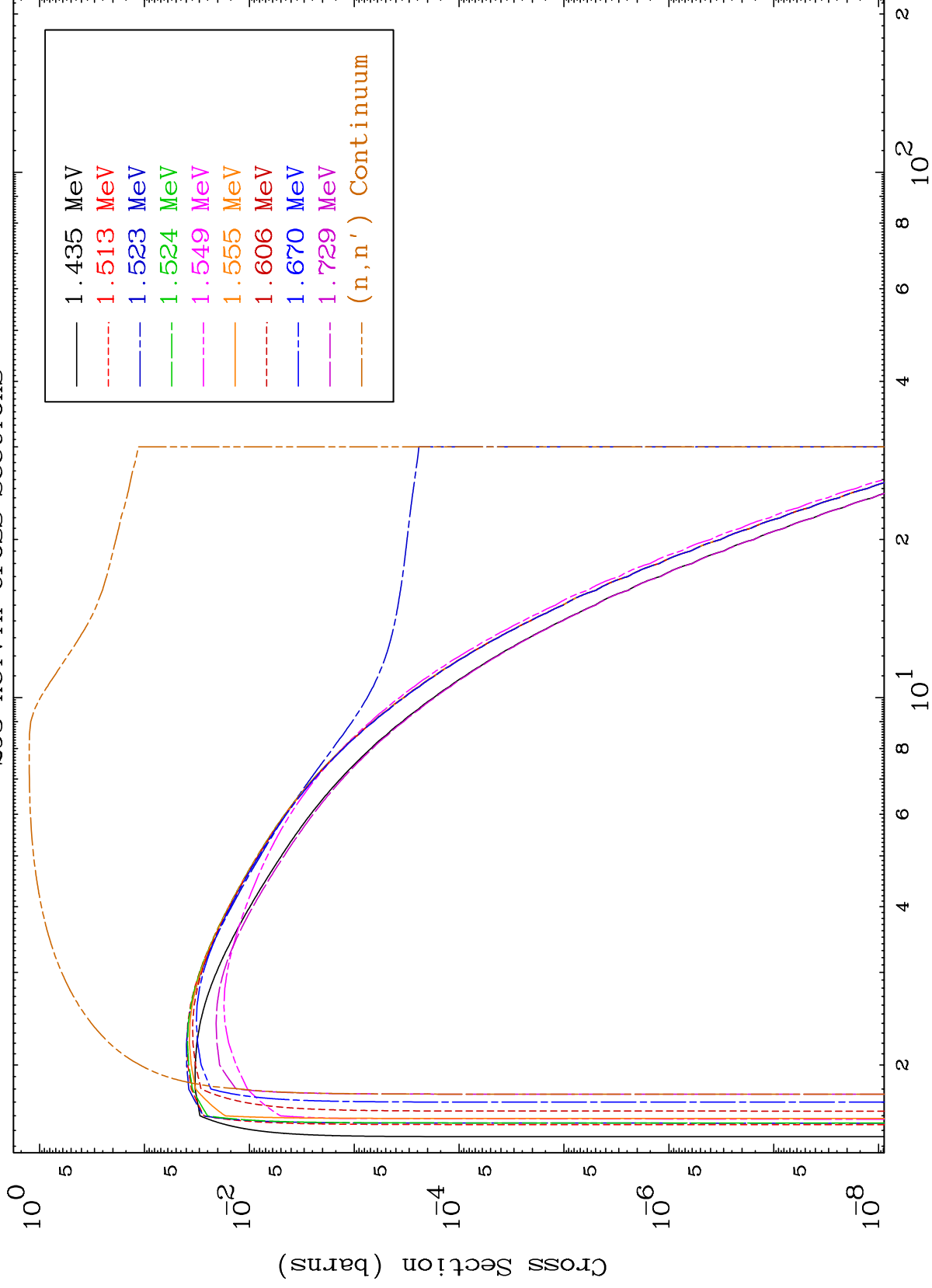
27-Co-58

MAT 2722

(n,n') Level

27-Co-58

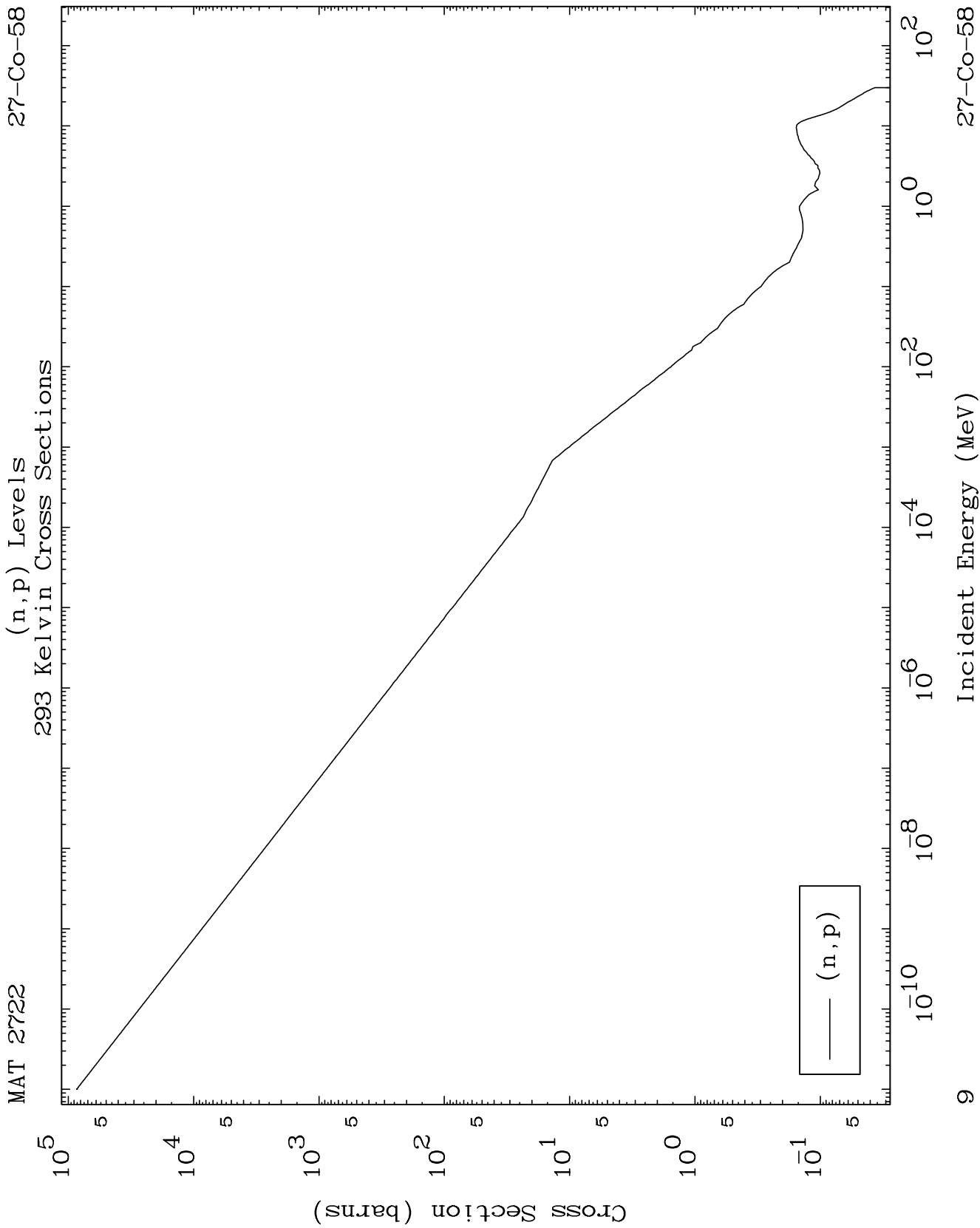
293 Kelvin Cross Sections



8

Incident Energy (MeV)

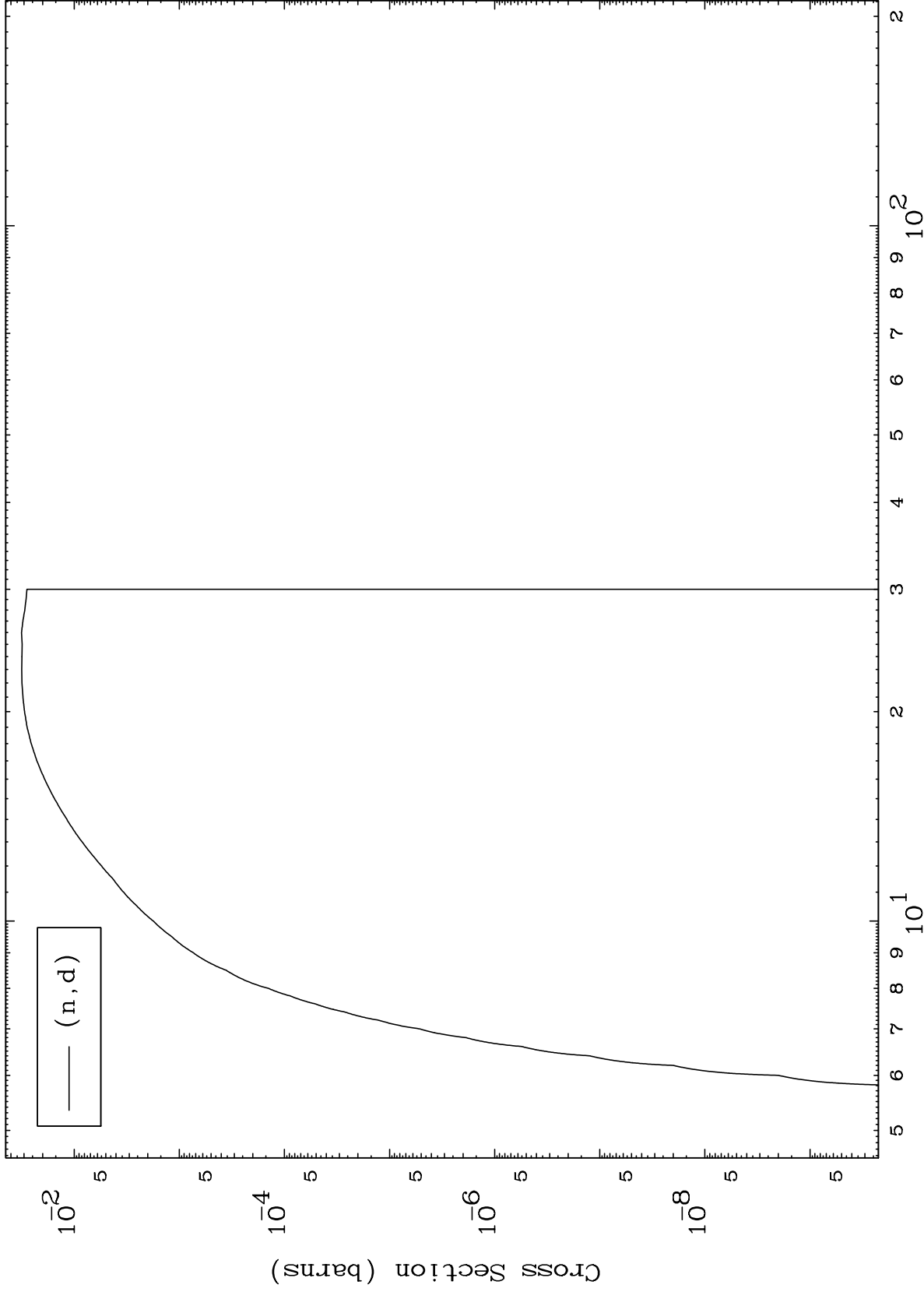
27-Co-58



MAT 2722

(n,d) Levels
293 Kelvin Cross Sections

27-Co-58



10

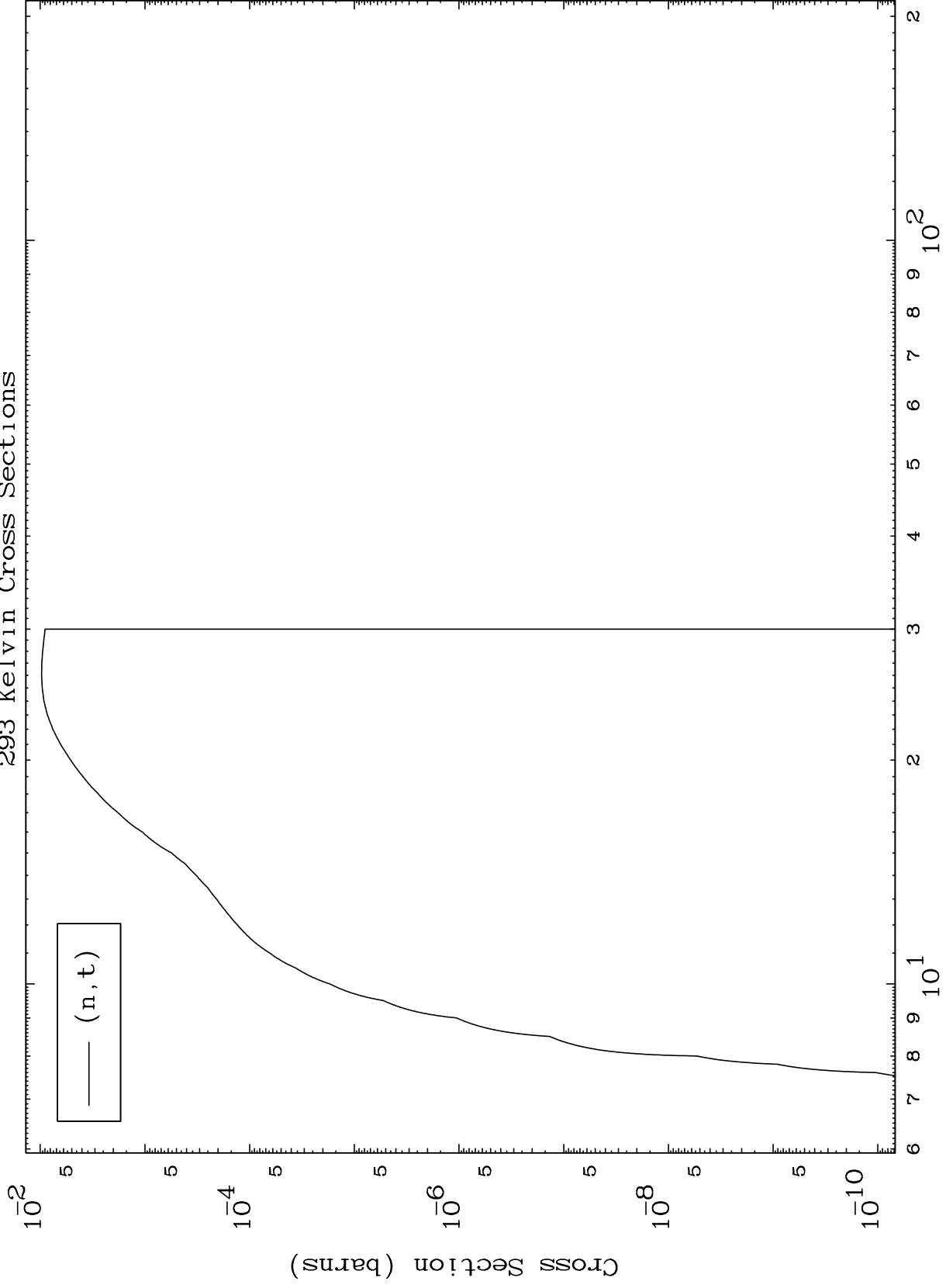
Incident Energy (MeV)

27-Co-58

MAT 2722

(n,t) Levels
293 Kelvin Cross Sections

27-Co-58



11

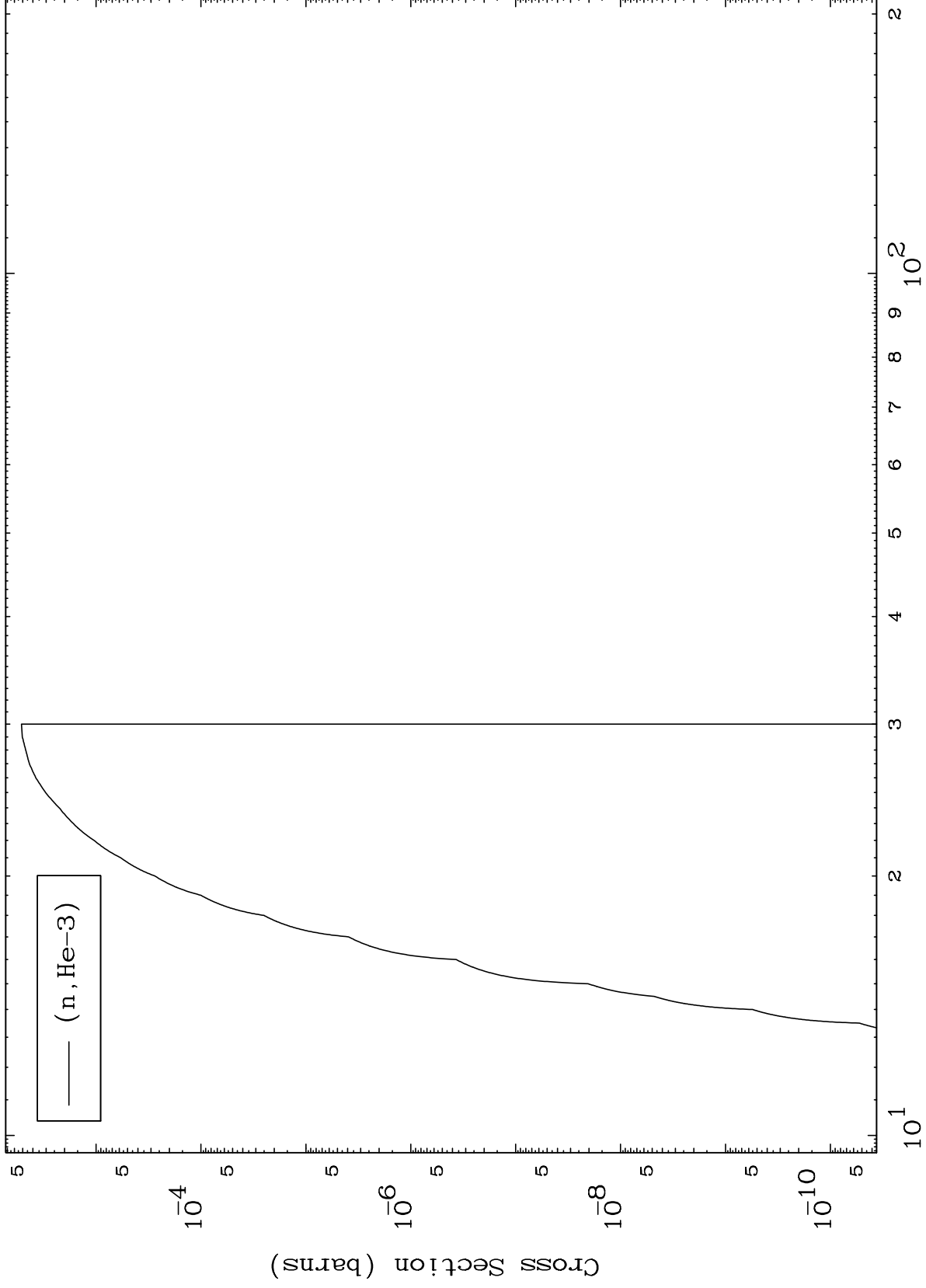
Incident Energy (MeV)

27-Co-58

MAT 2722

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-58



27-Co-58

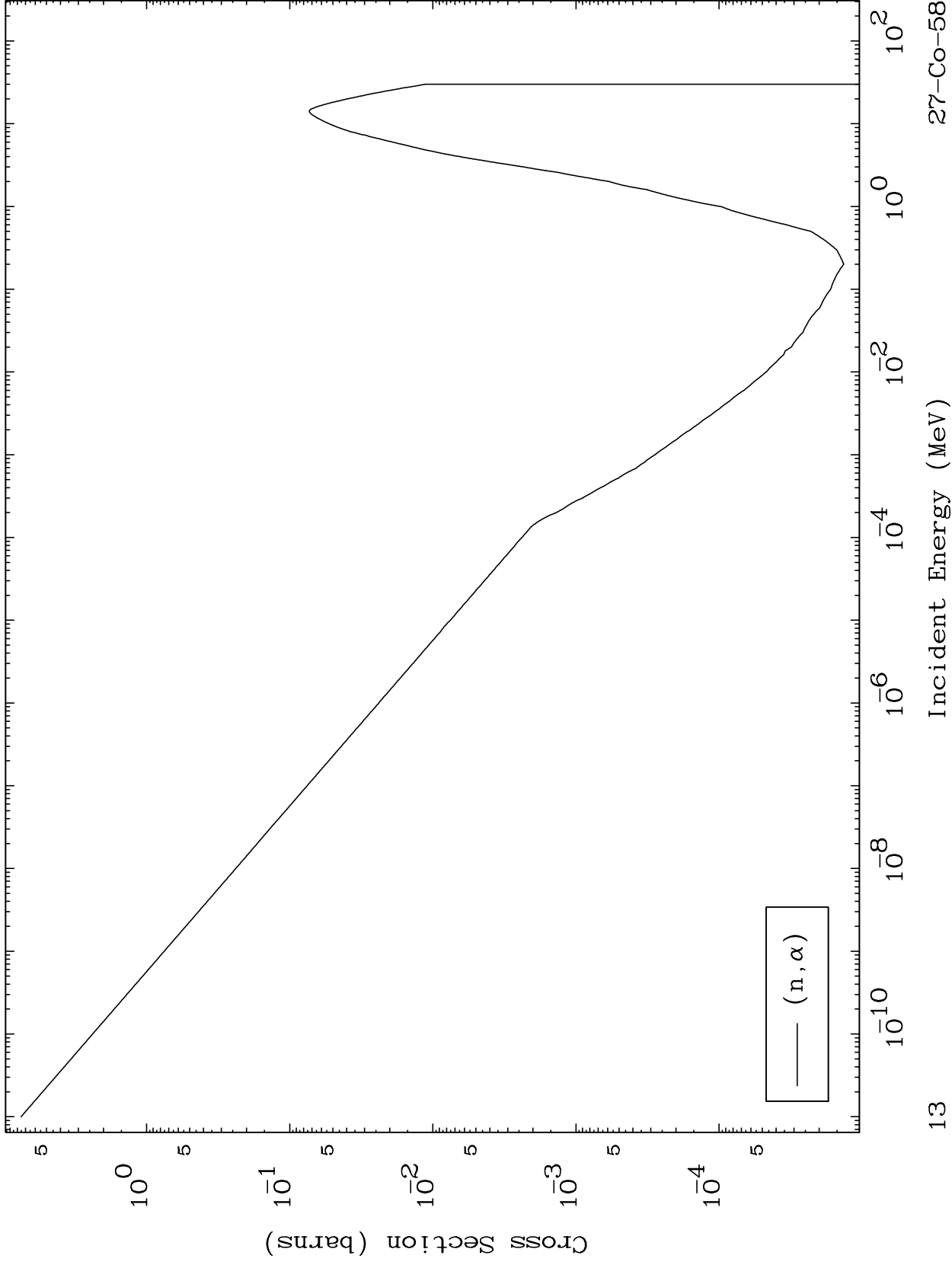
Incident Energy (MeV)

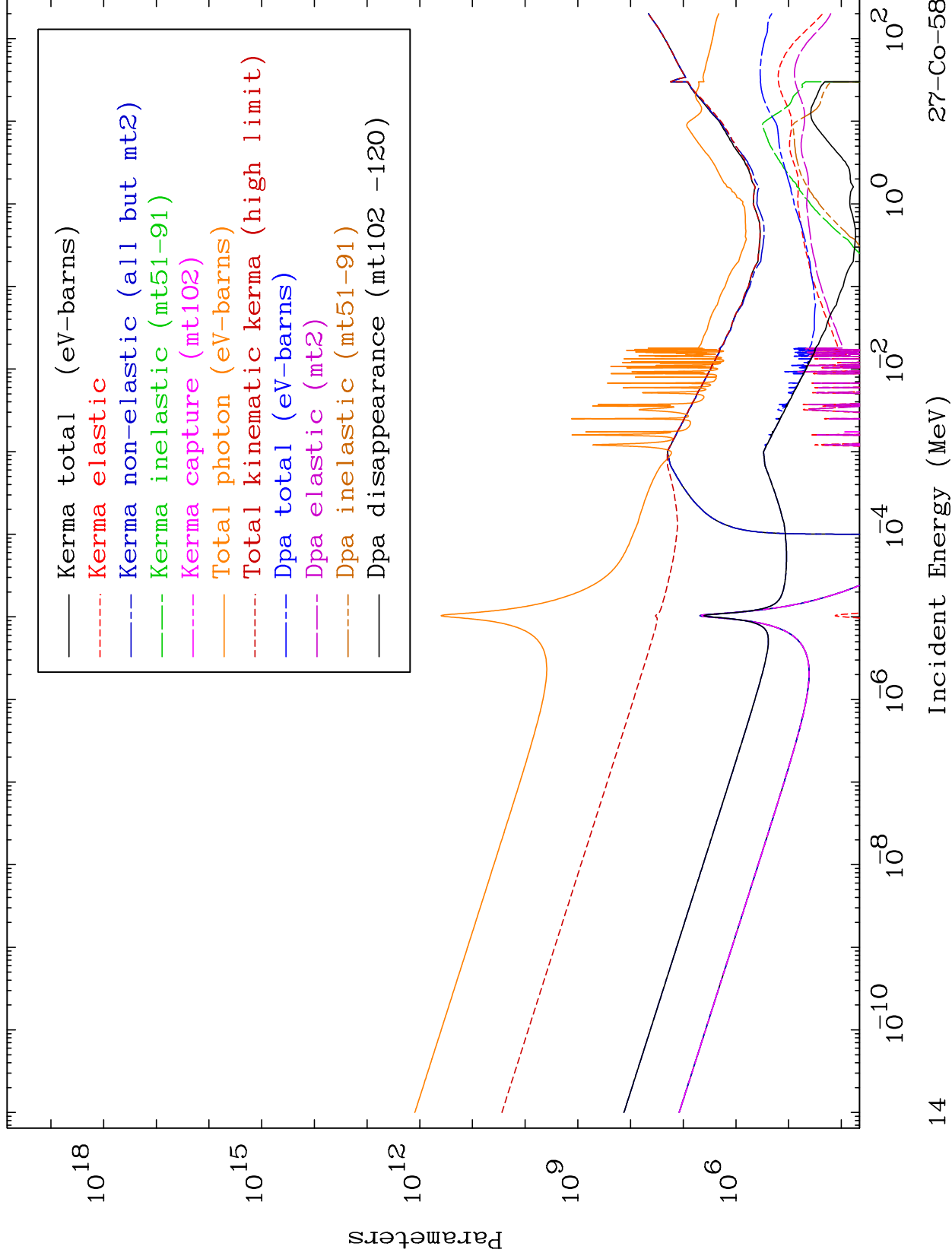
12

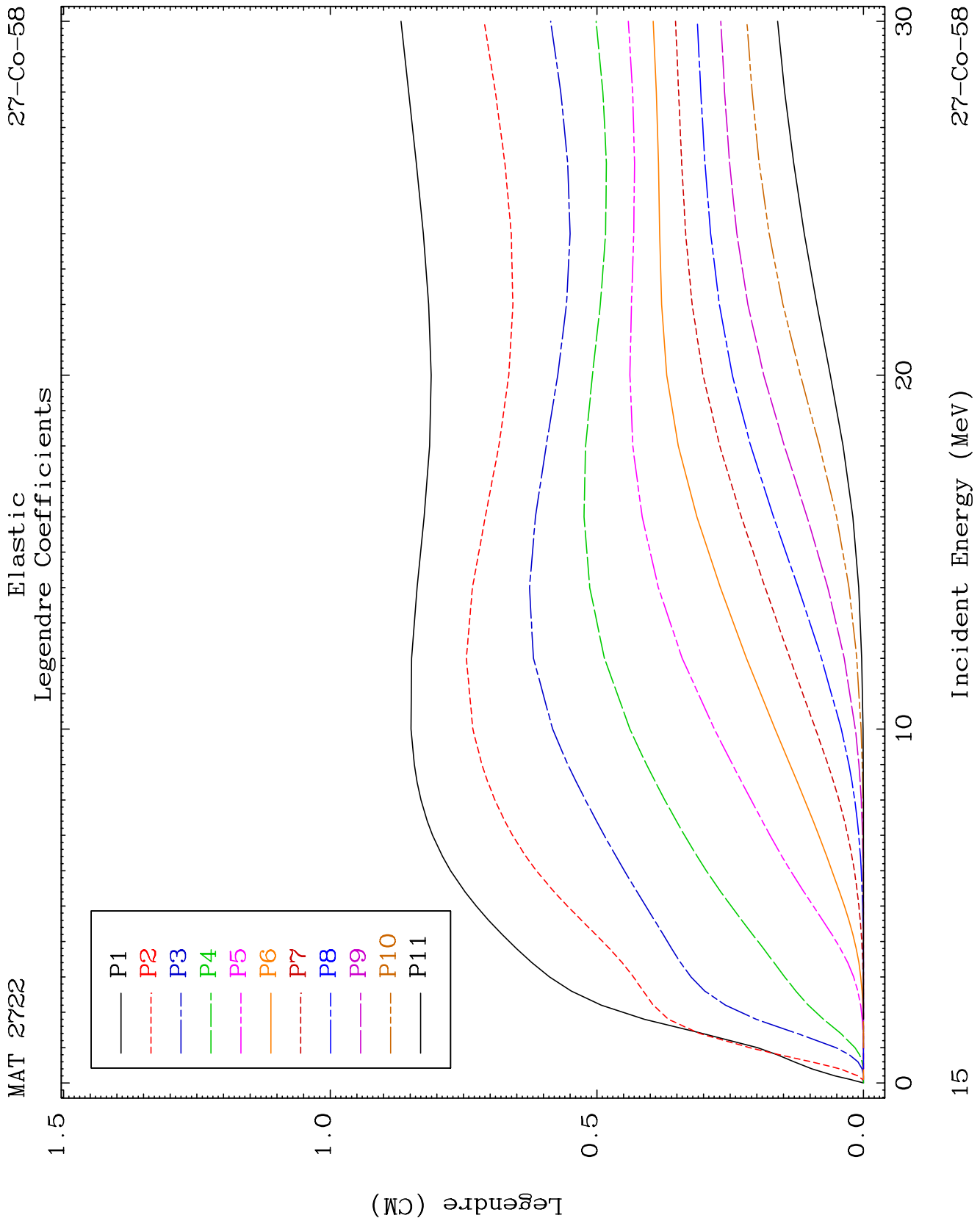
MAT 2722

(n,α) Levels
293 Kelvin Cross Sections

27-Co-58



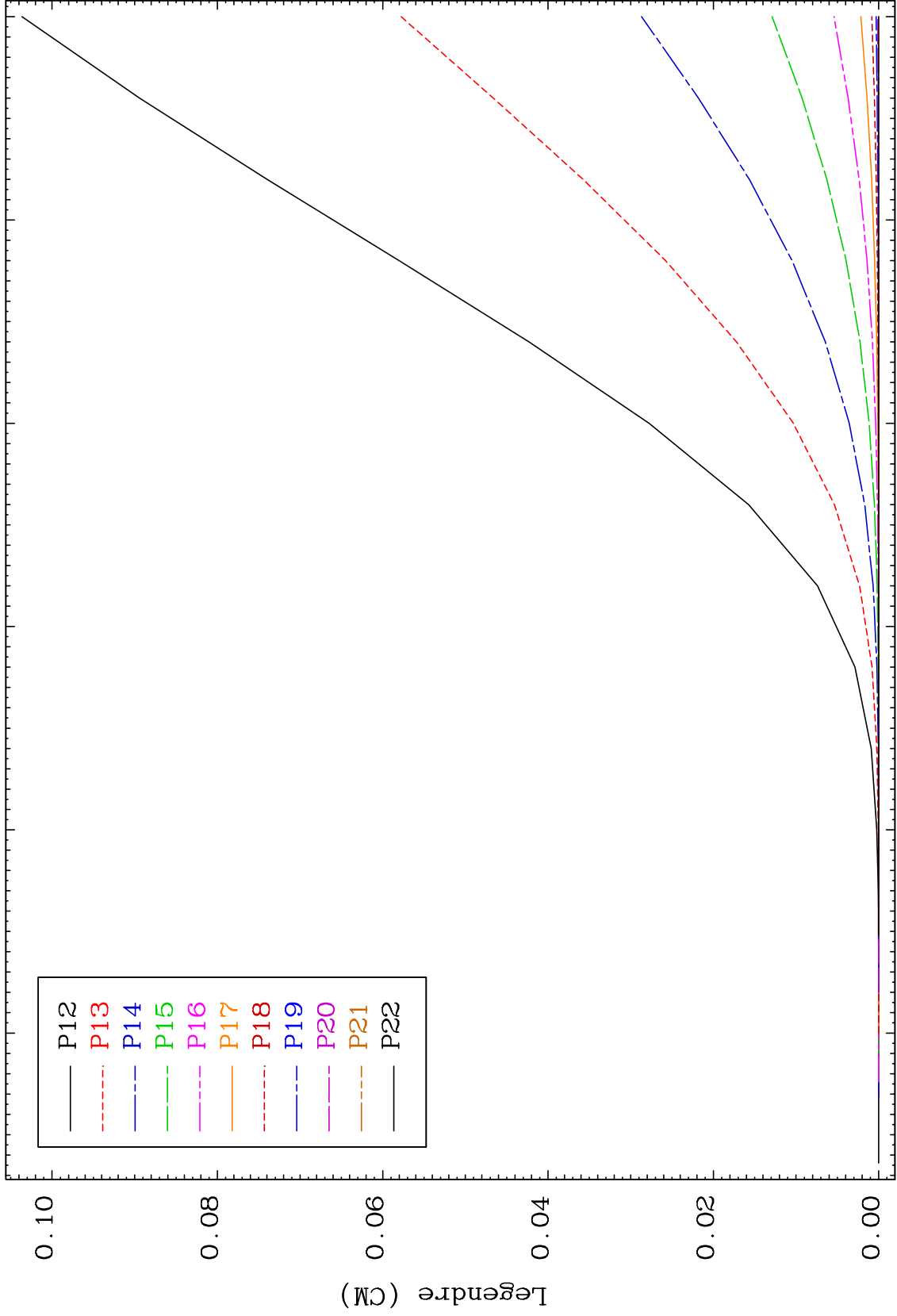




MAT 2722

Elastic
Legendre Coefficients

27-Co-58



16

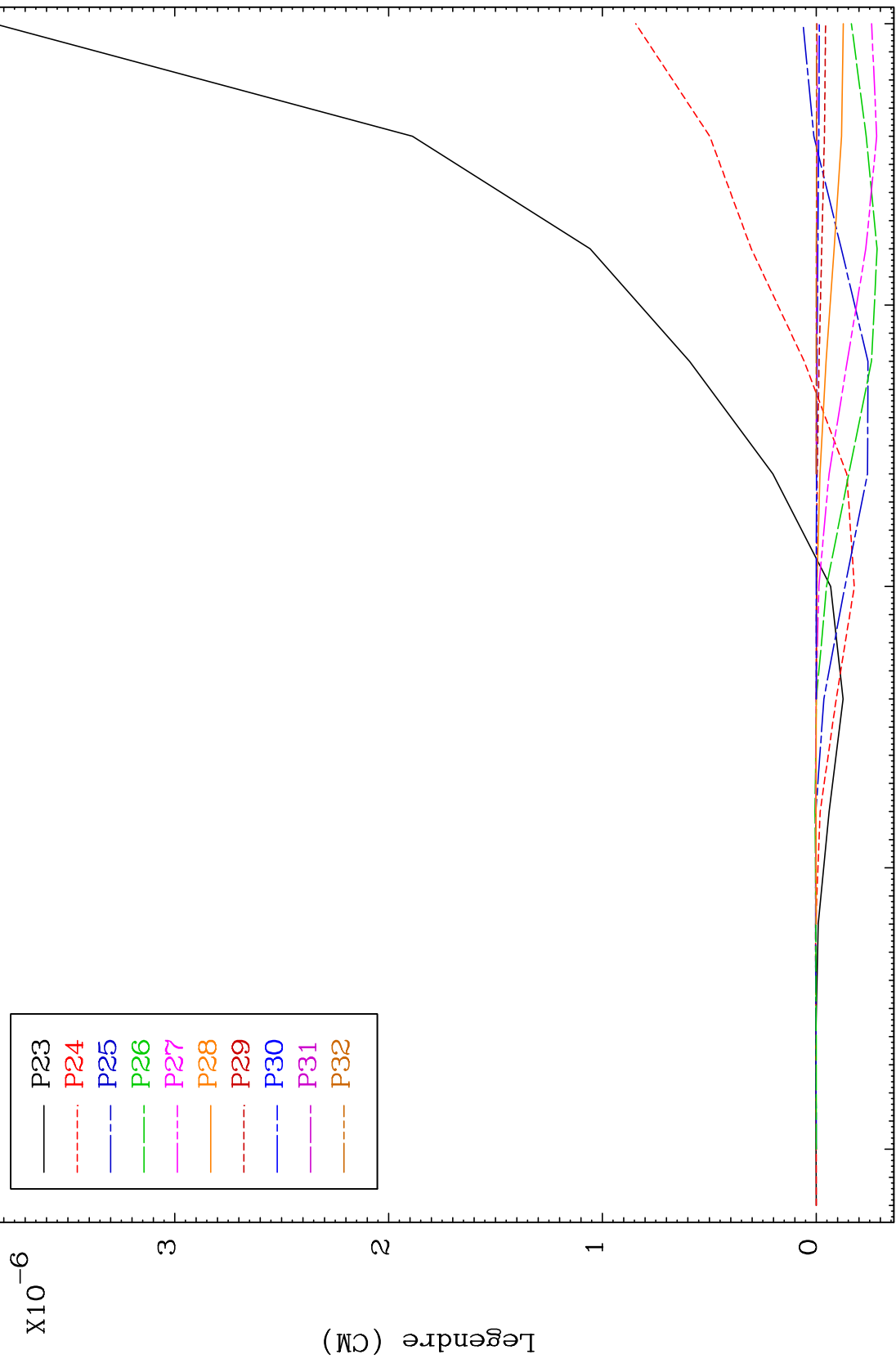
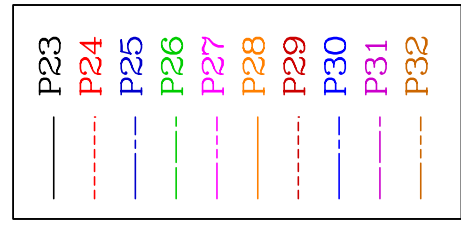
Incident Energy (MeV)

27-Co-58

MAT 2722

Elastic Legendre Coefficients

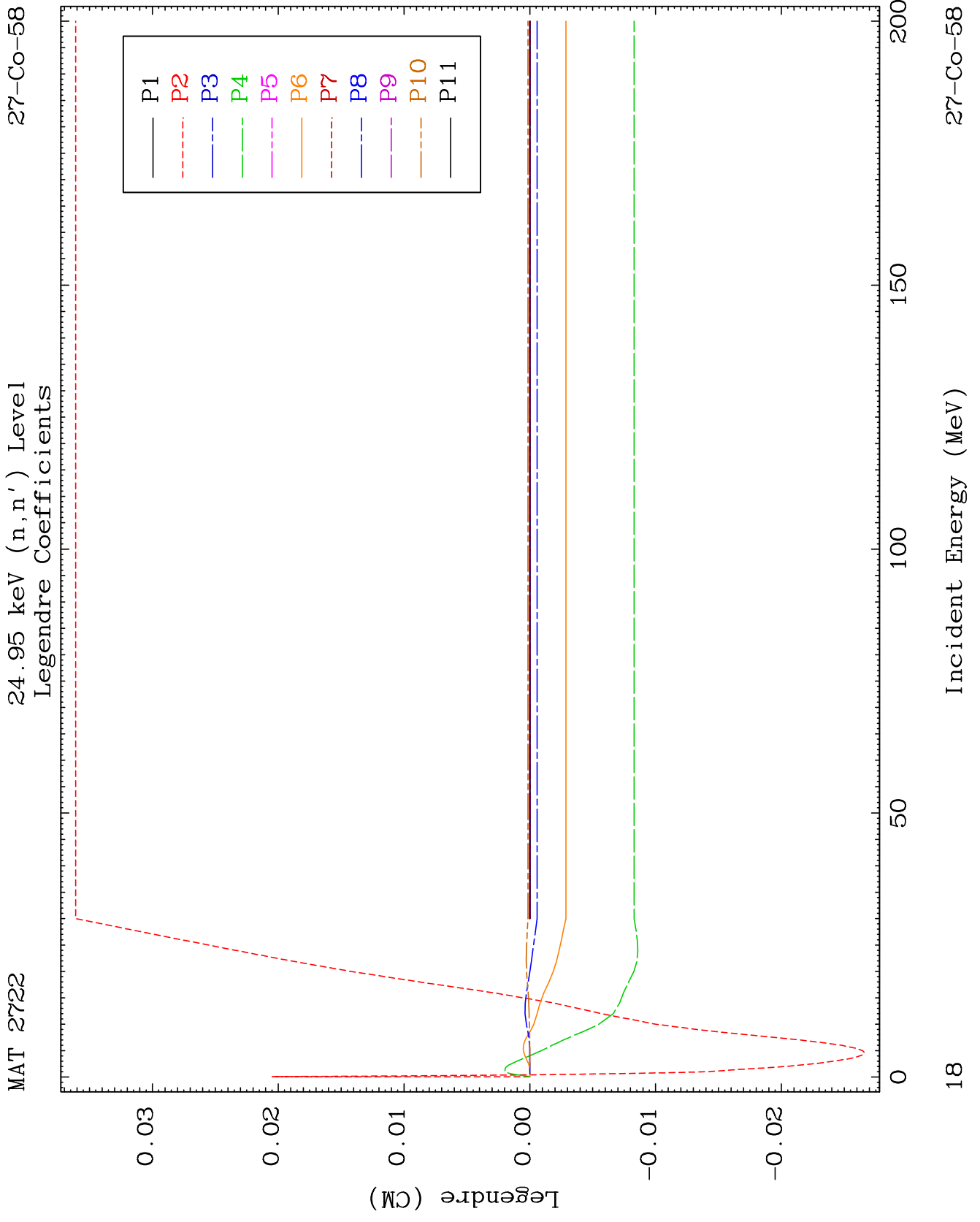
27-Co-58



17

Incident Energy (MeV)

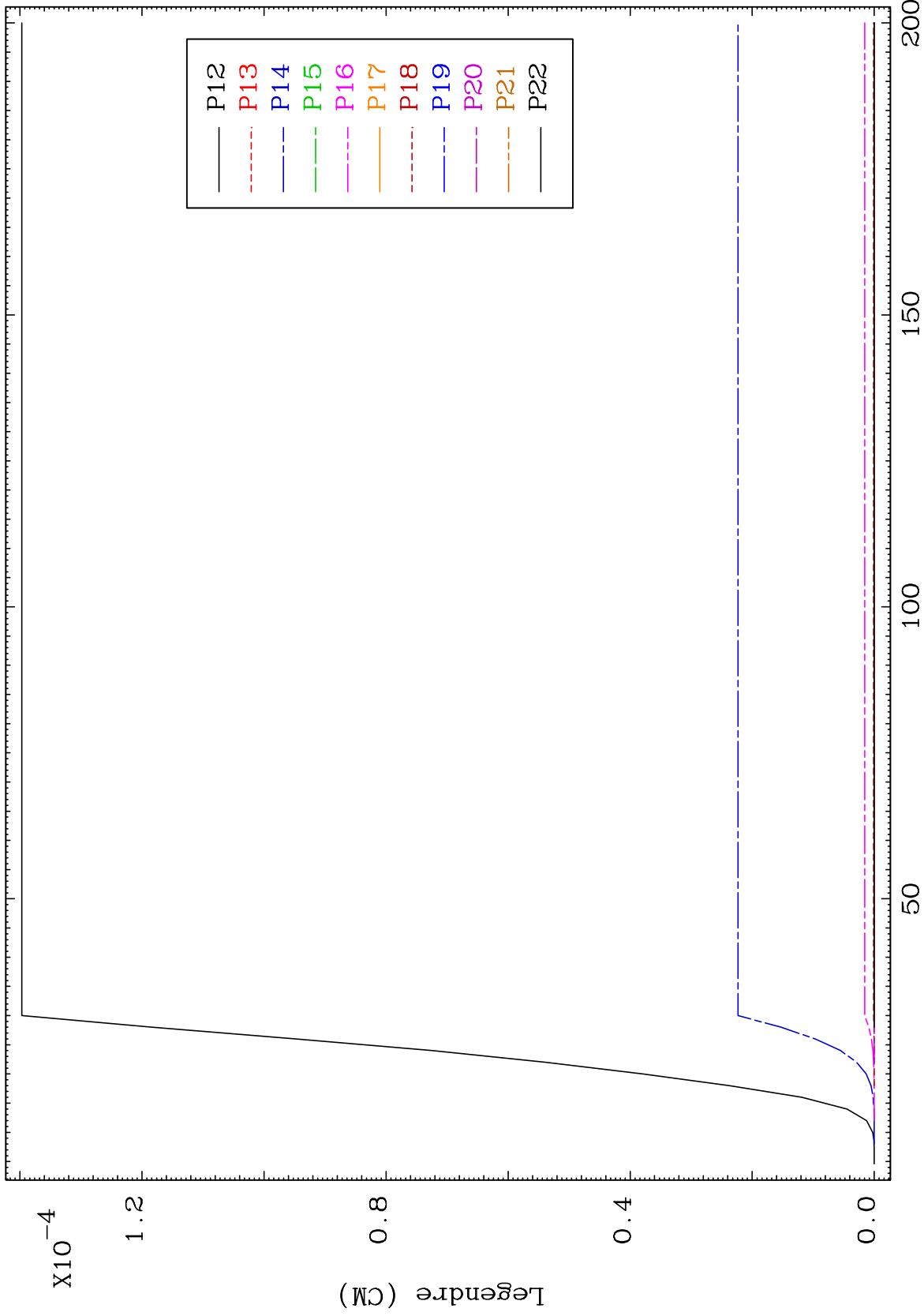
27-Co-58



MAT 2722

24.95 keV (n,n') Level
Legendre Coefficients

27-Co-58



19

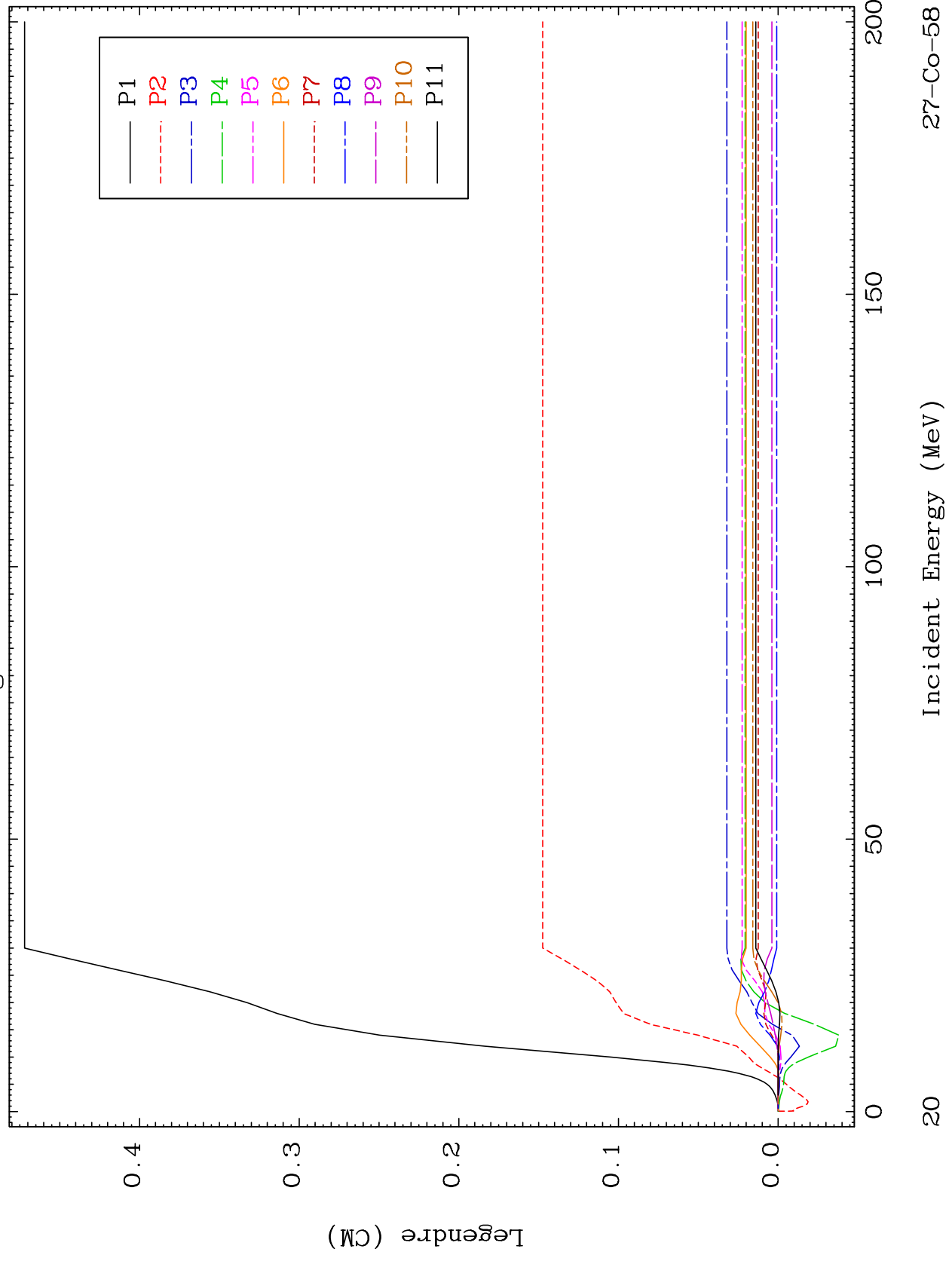
Incident Energy (MeV)

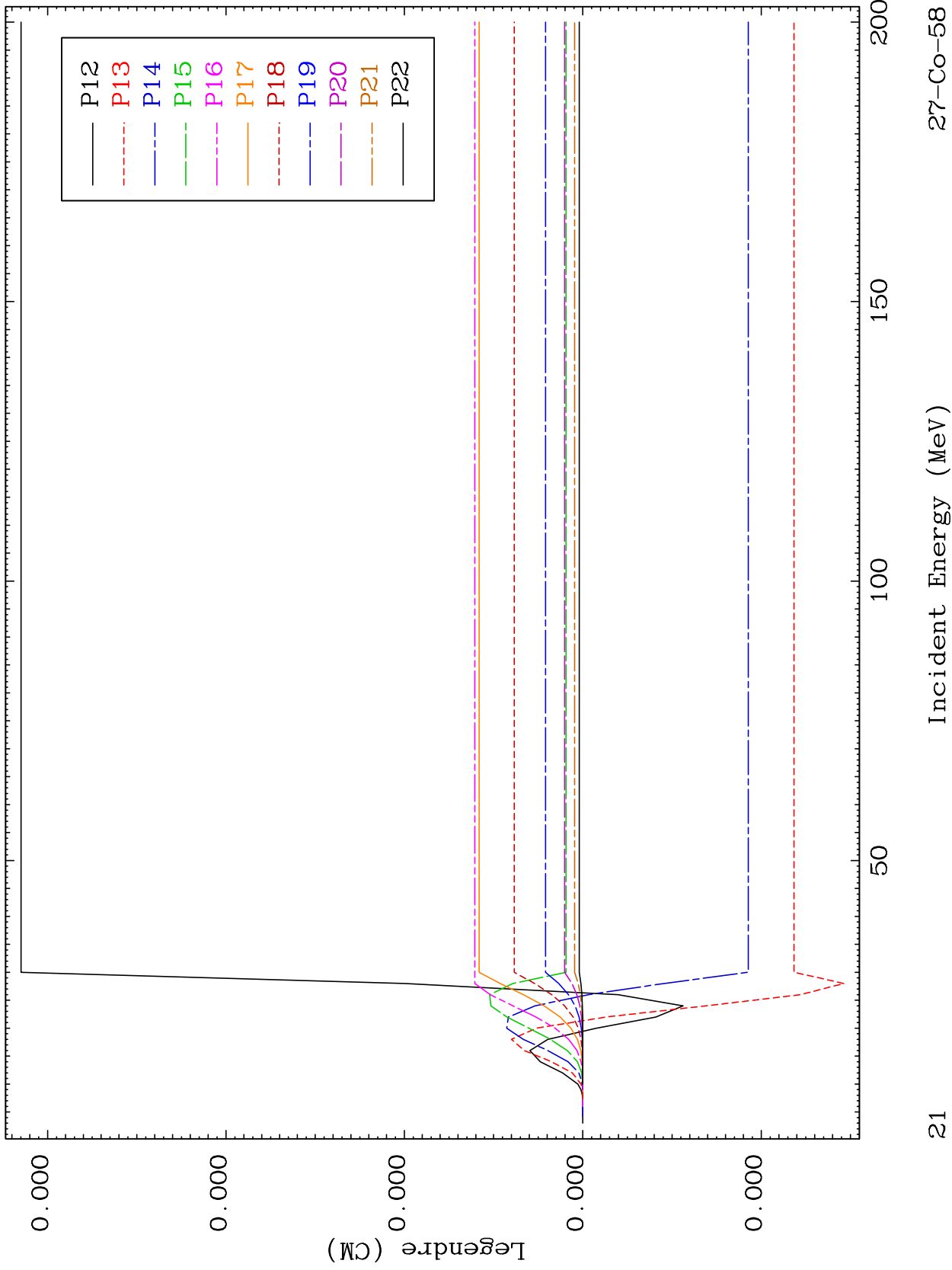
27-Co-58

MAT 2722

53.15 keV (n,n') Level
Legendre Coefficients

27-Co-58

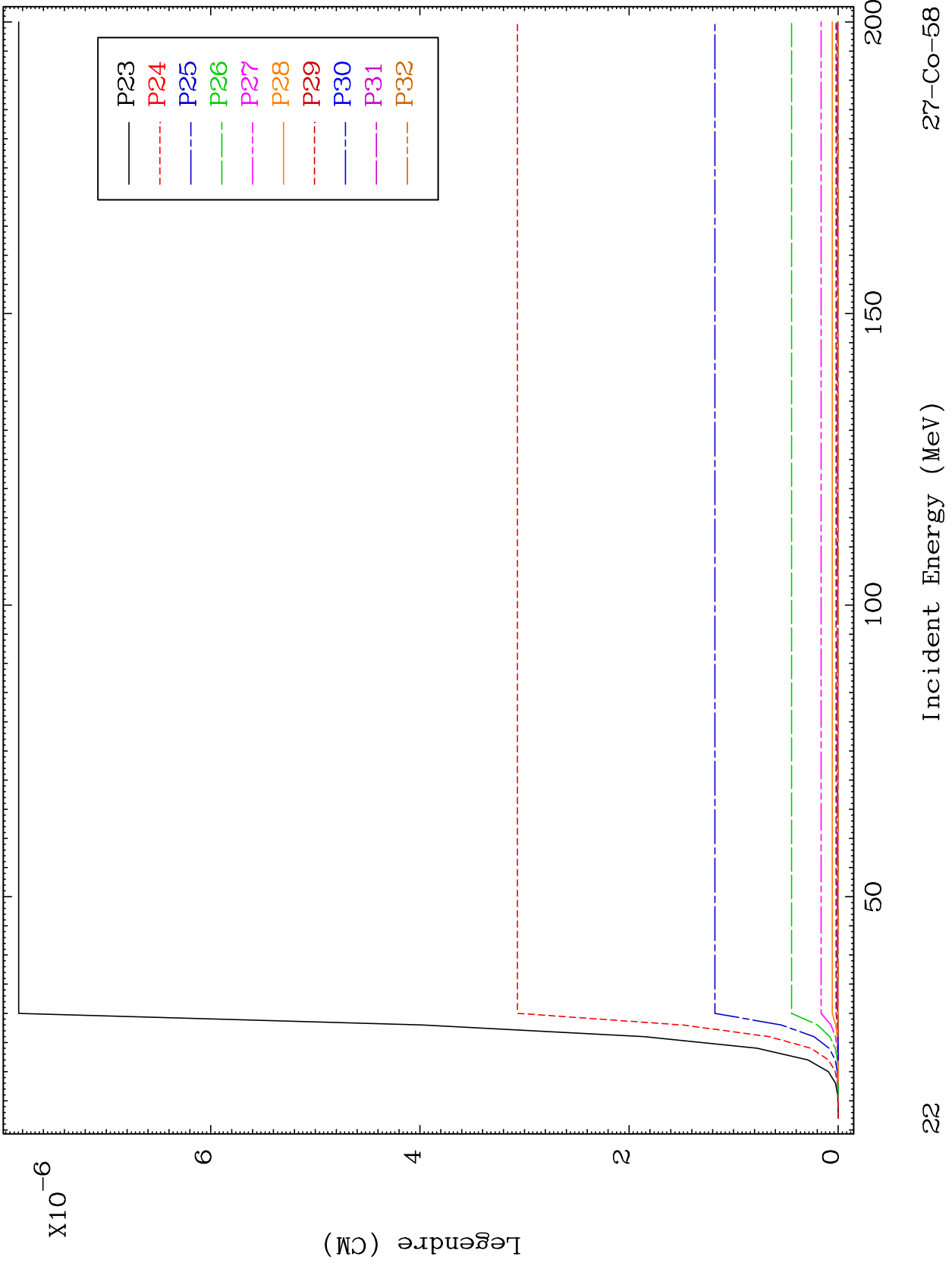




MAT 2722

53.15 keV (n,n') Level
Legendre Coefficients

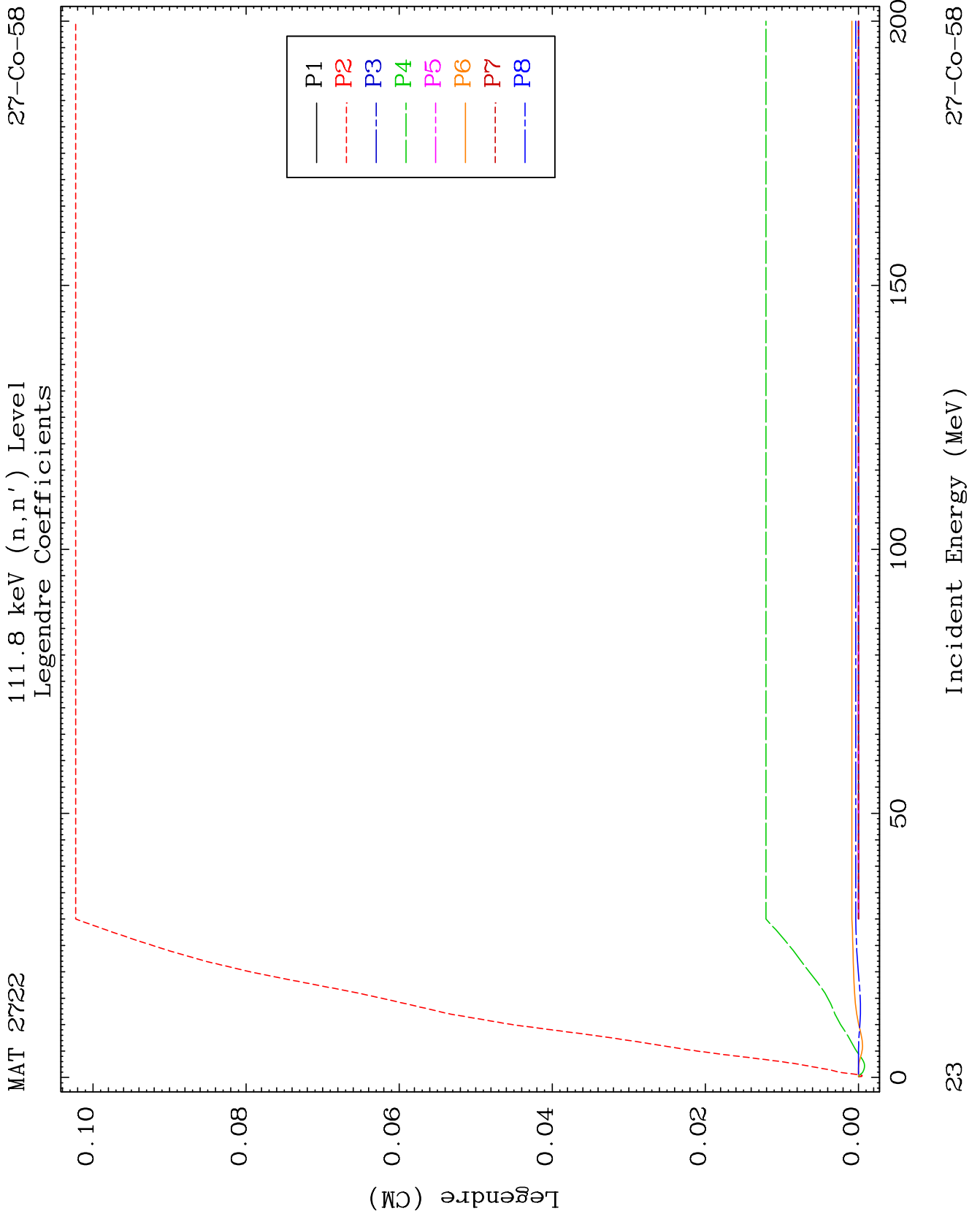
27-Co-58

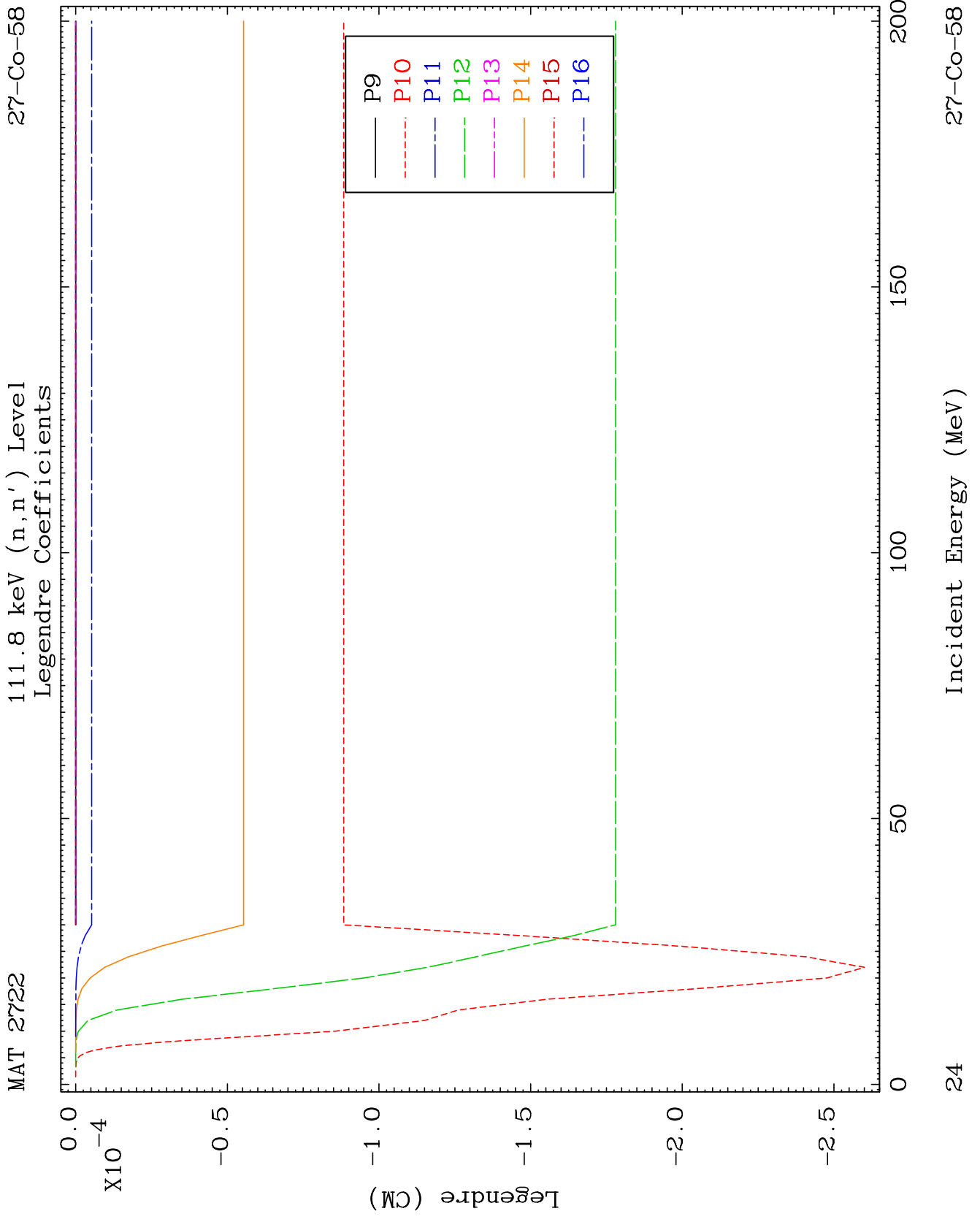


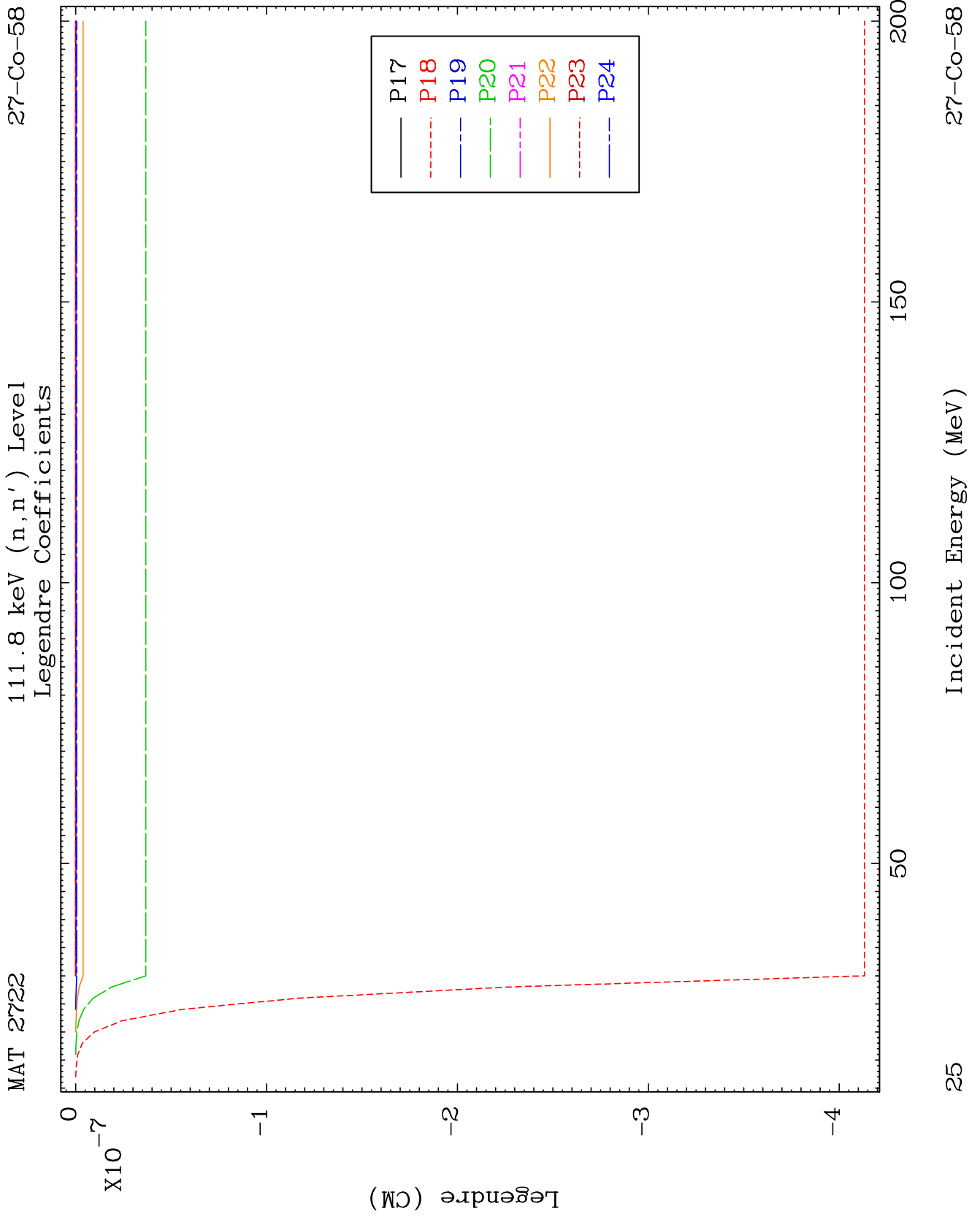
22

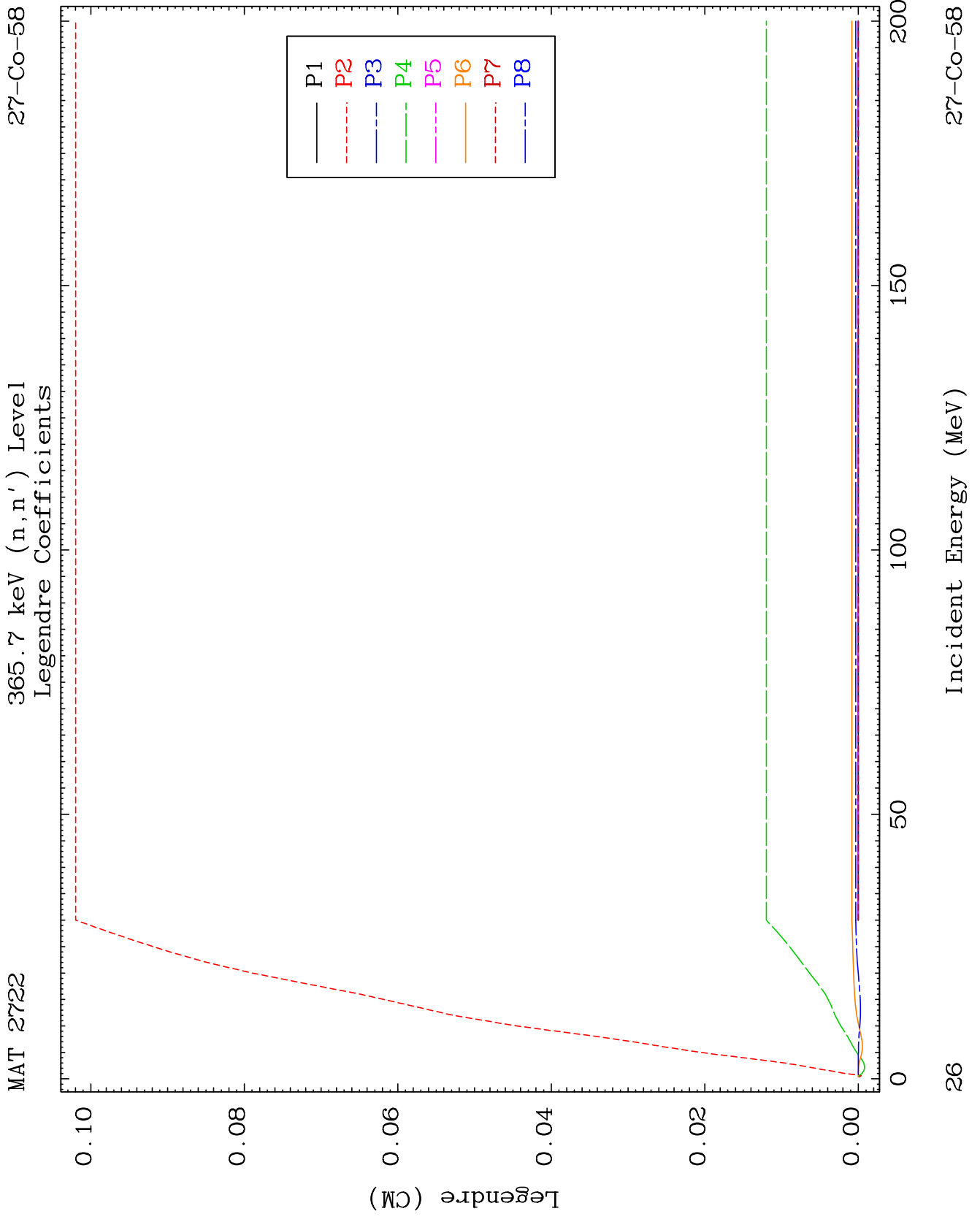
Incident Energy (MeV)

27-Co-58





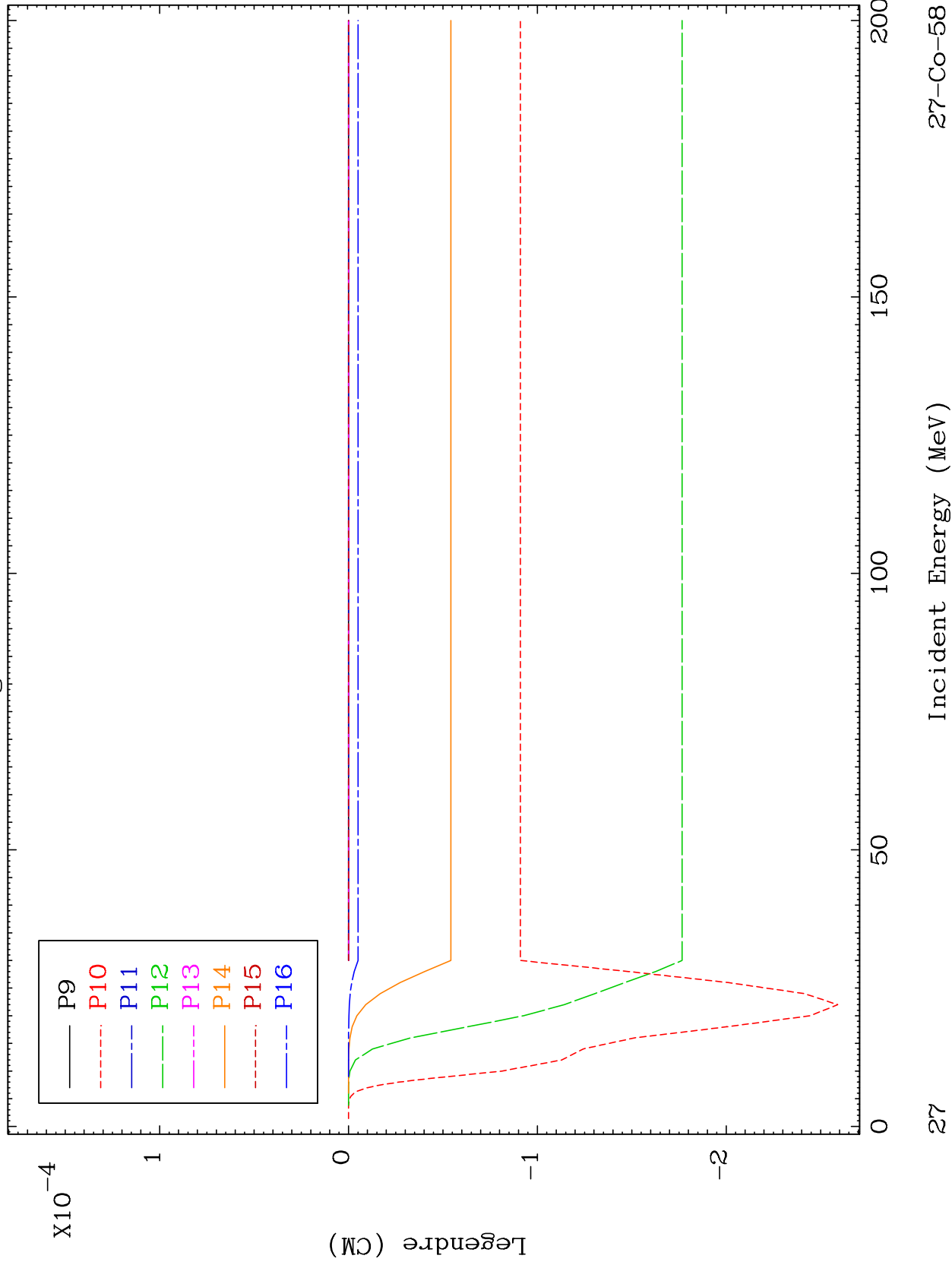


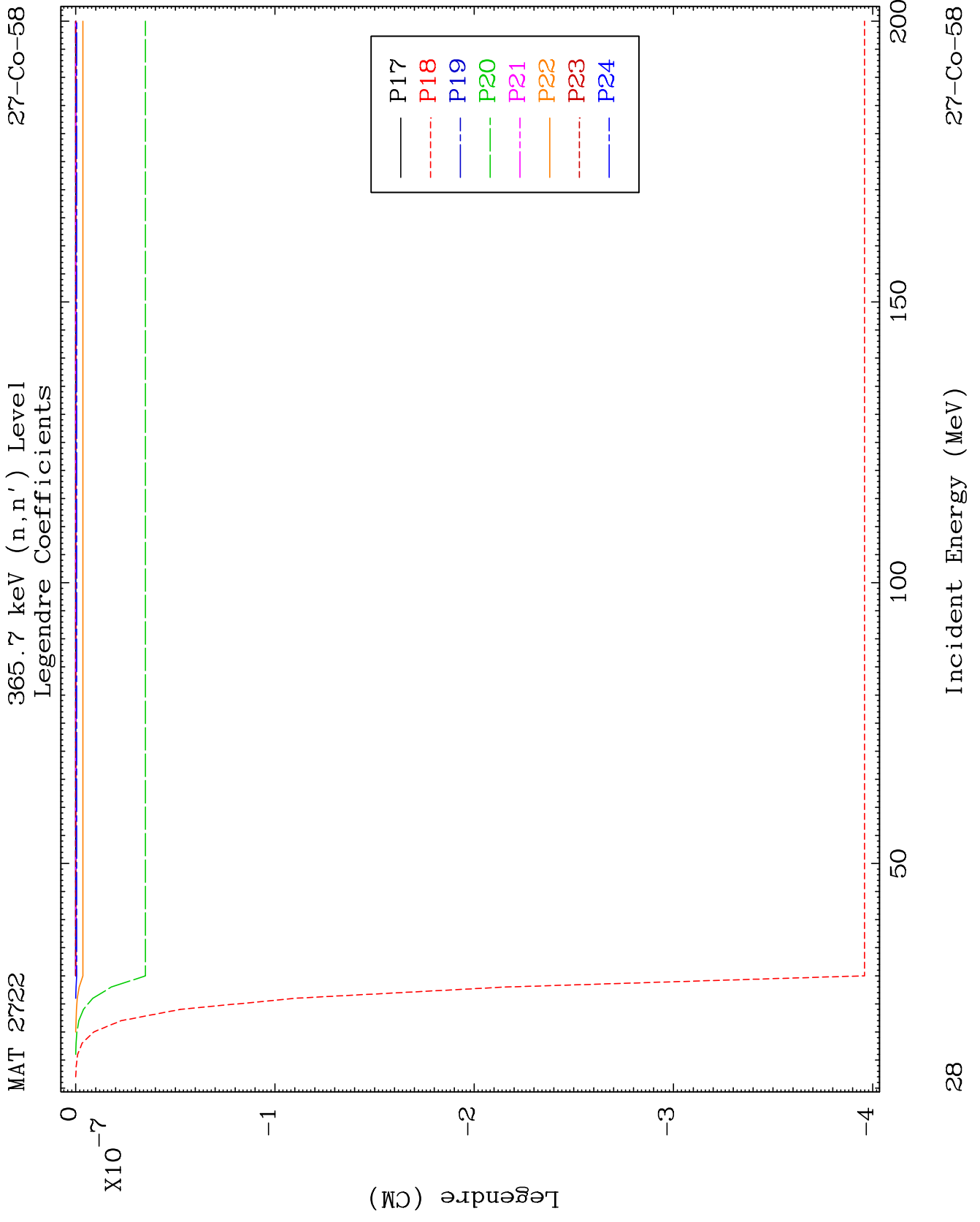


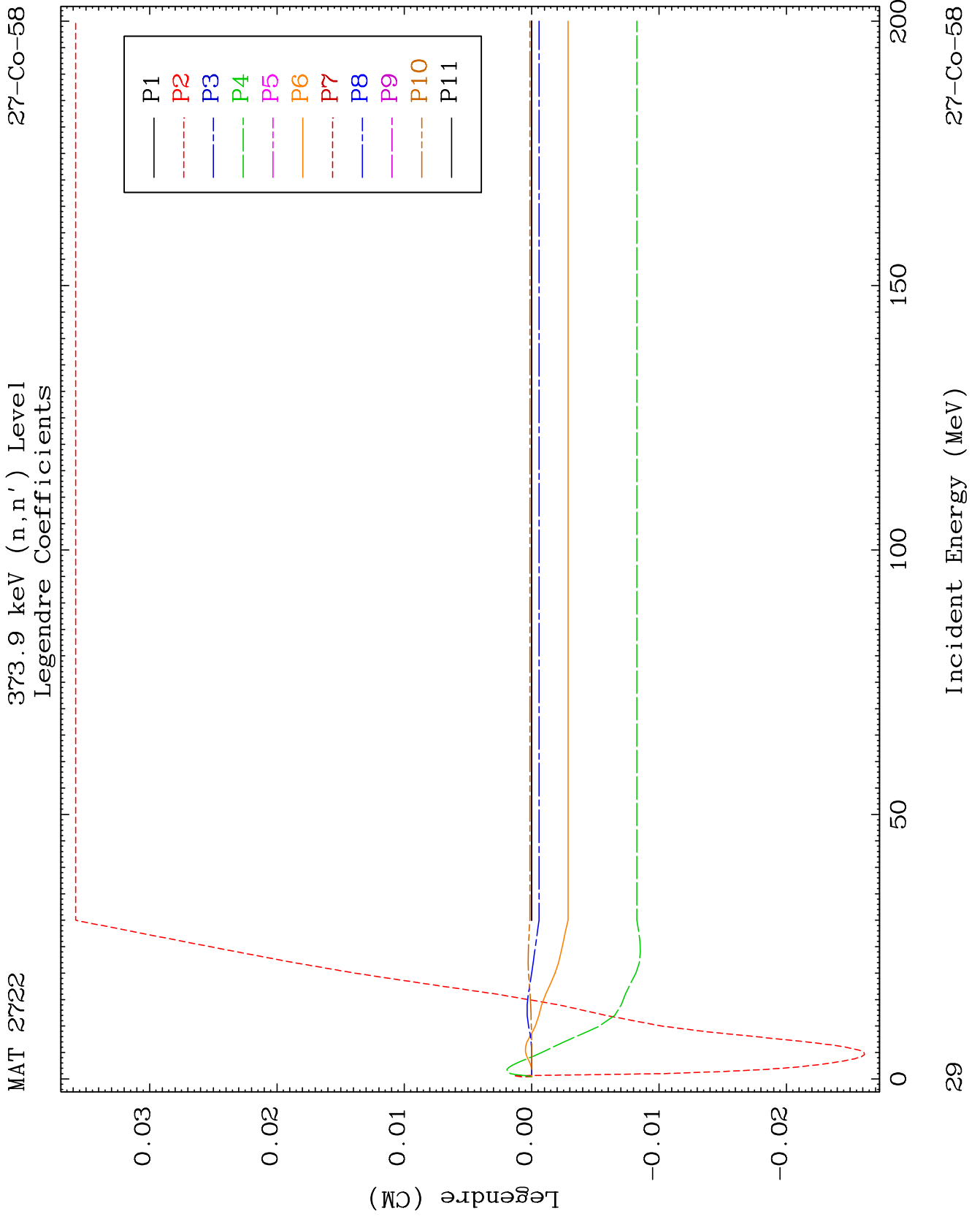
MAT 2722

365.7 keV (n,n') Level
Legendre Coefficients

27-Co-58



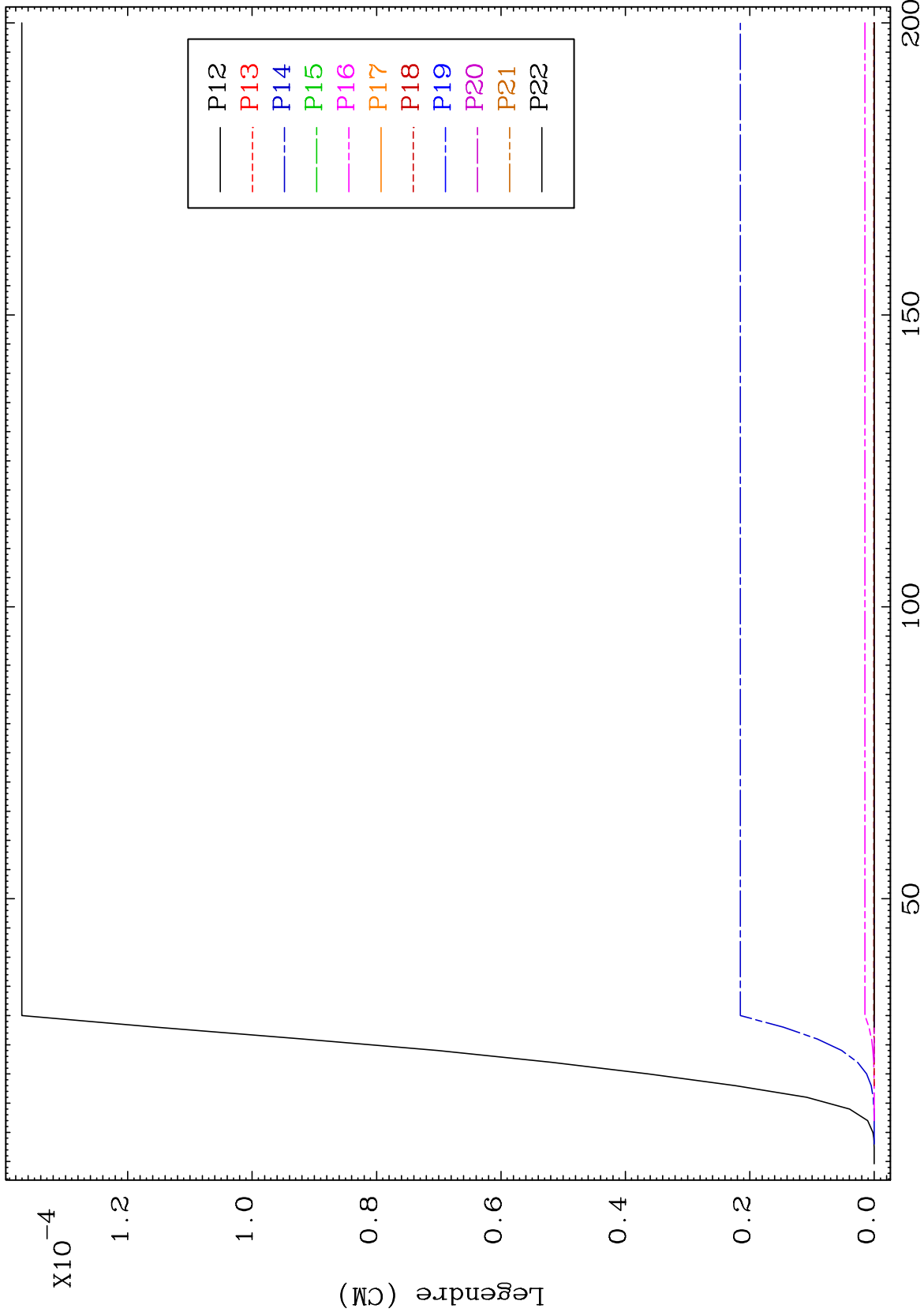




MAT 2722

373.9 keV (n,n') Level
Legendre Coefficients

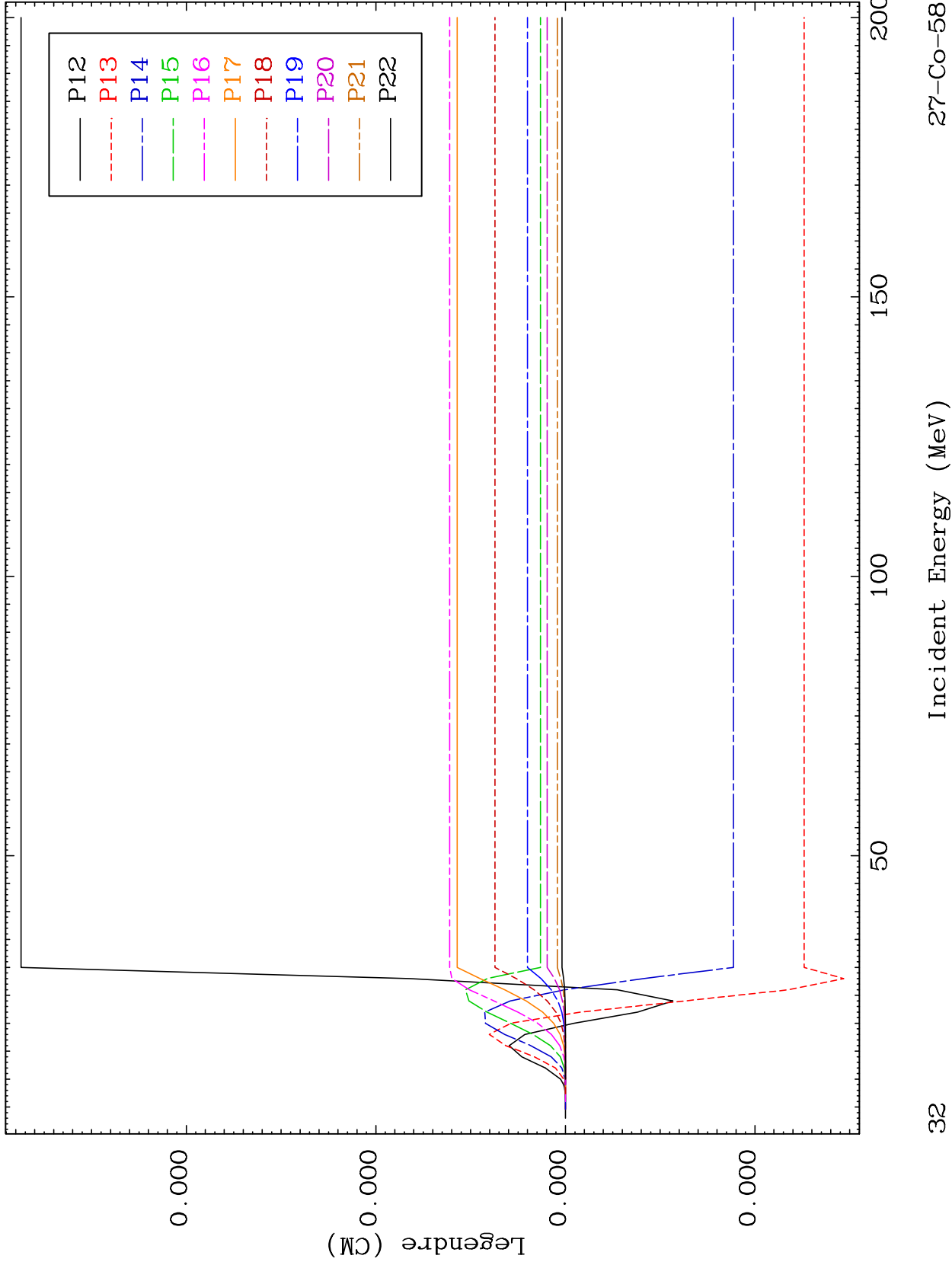
27-Co-58



30

Incident Energy (MeV)

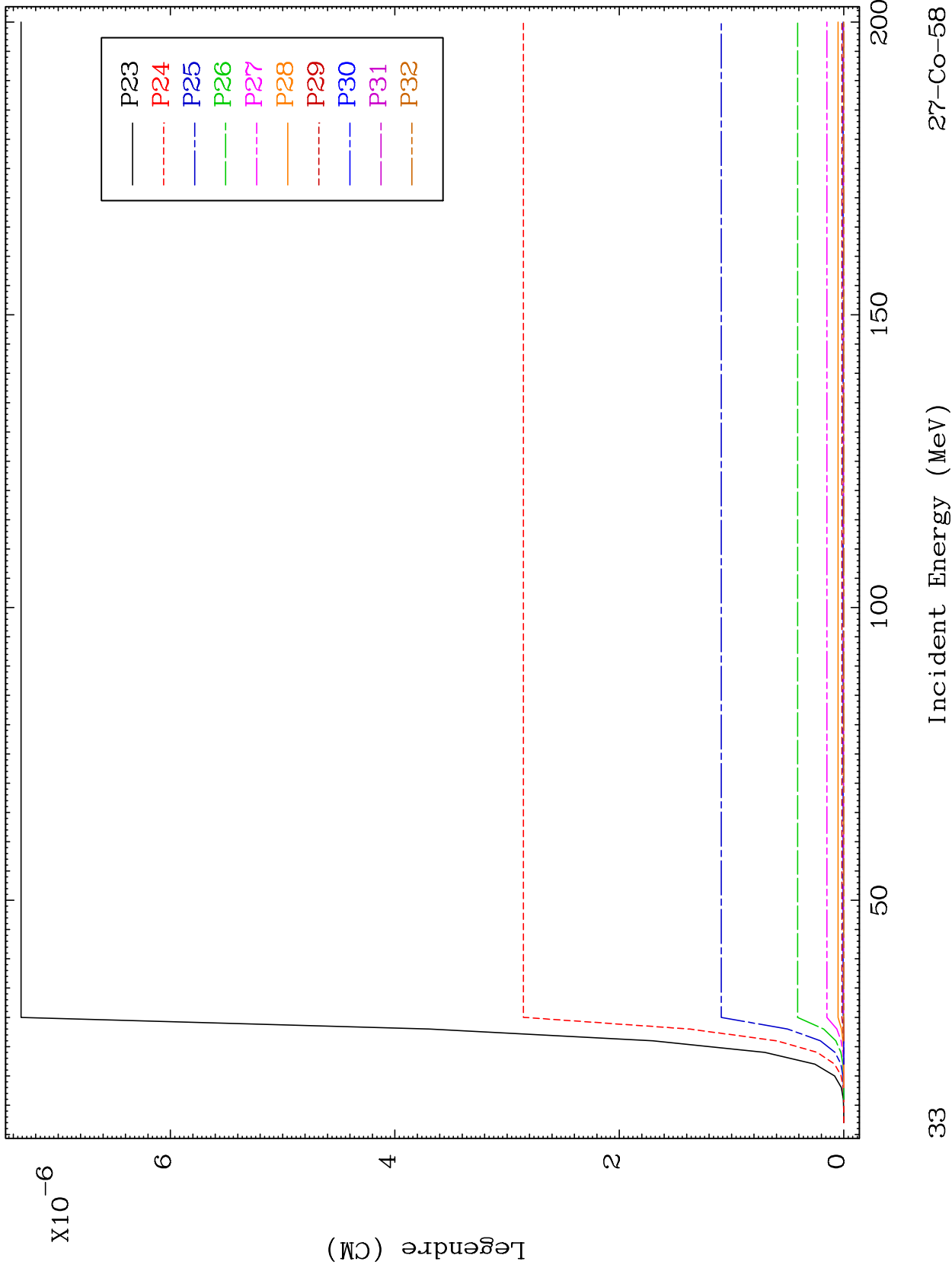
27-Co-58



MAT 2722

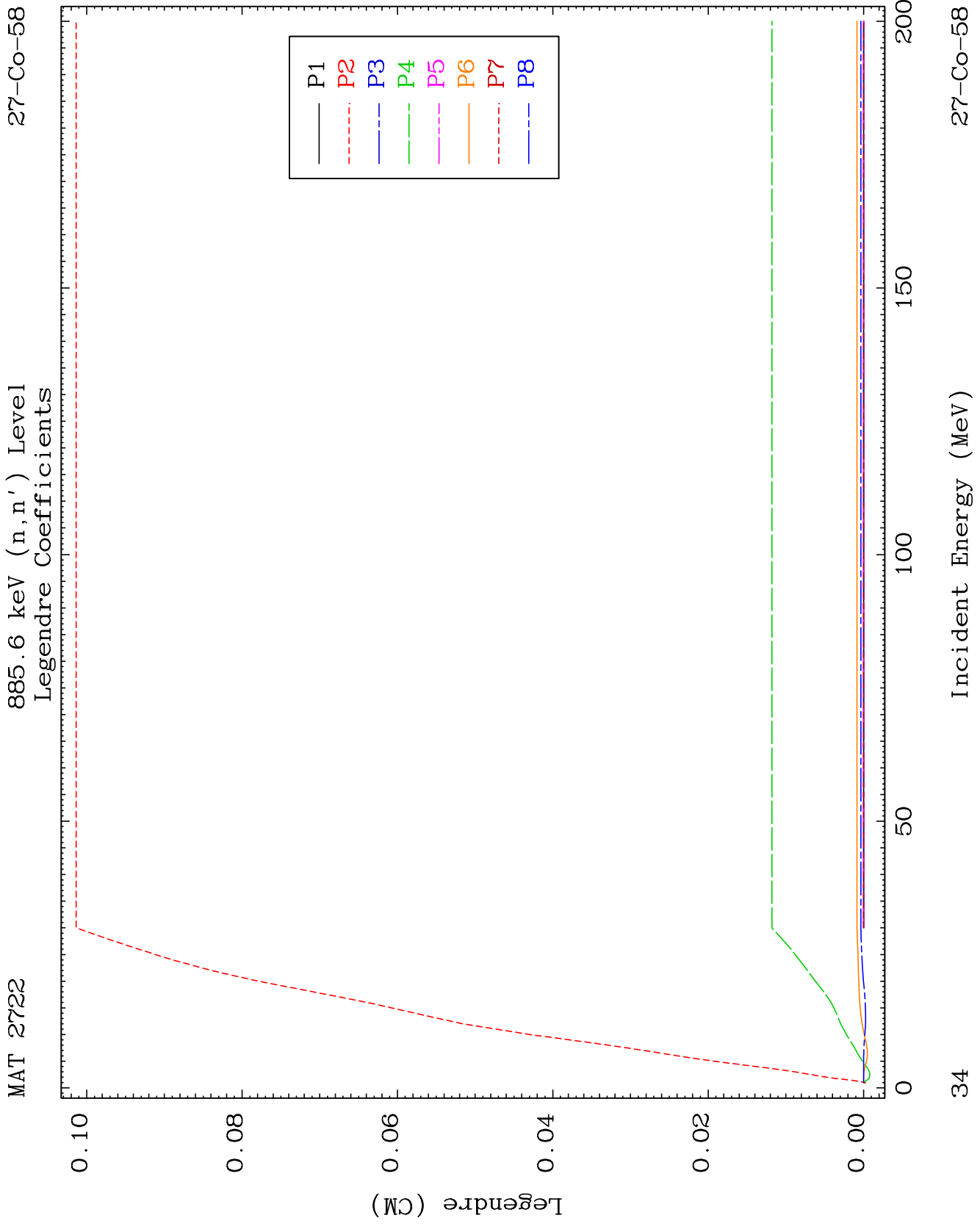
457.5 keV (n,n') Level
Legendre Coefficients

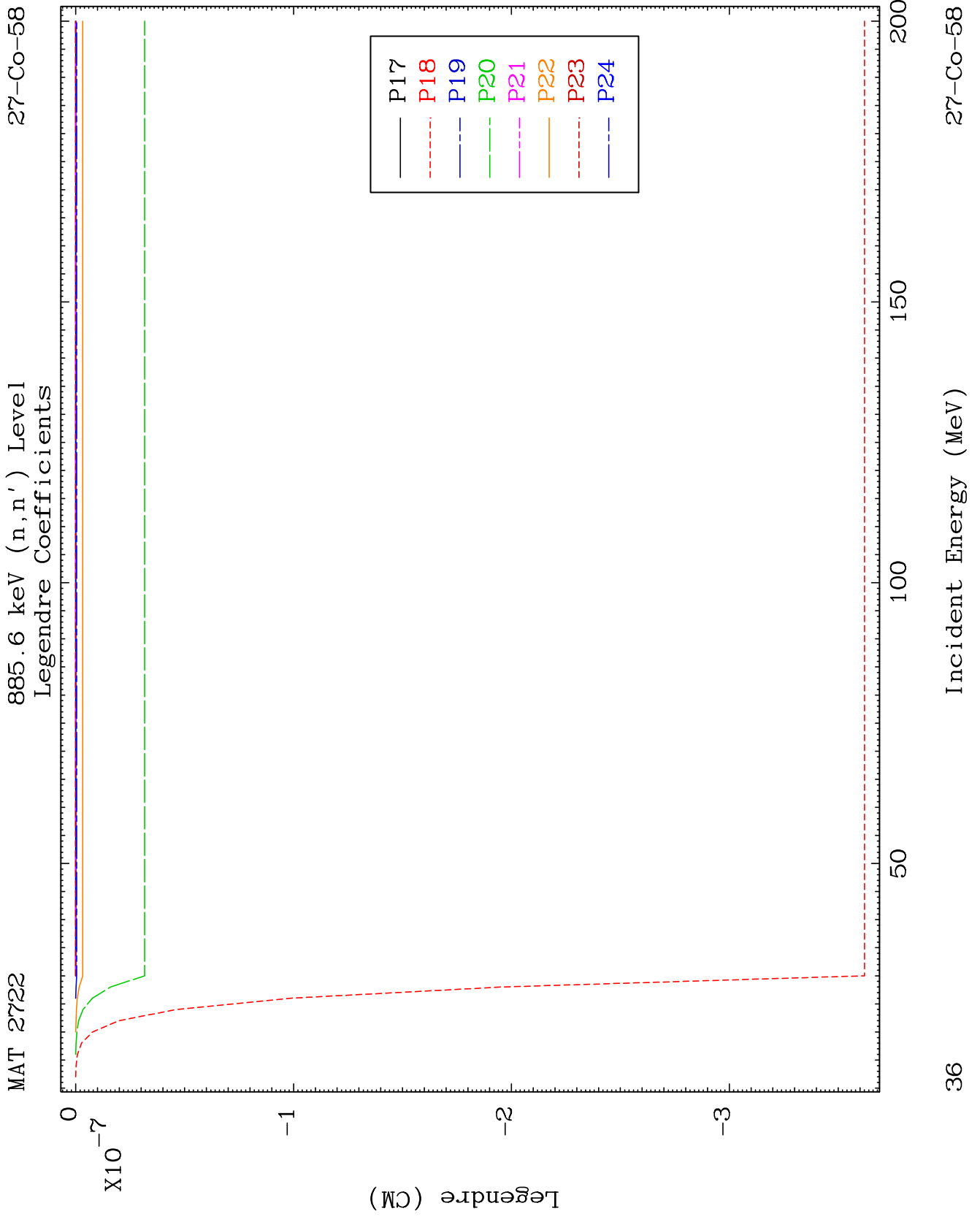
27-Co-58

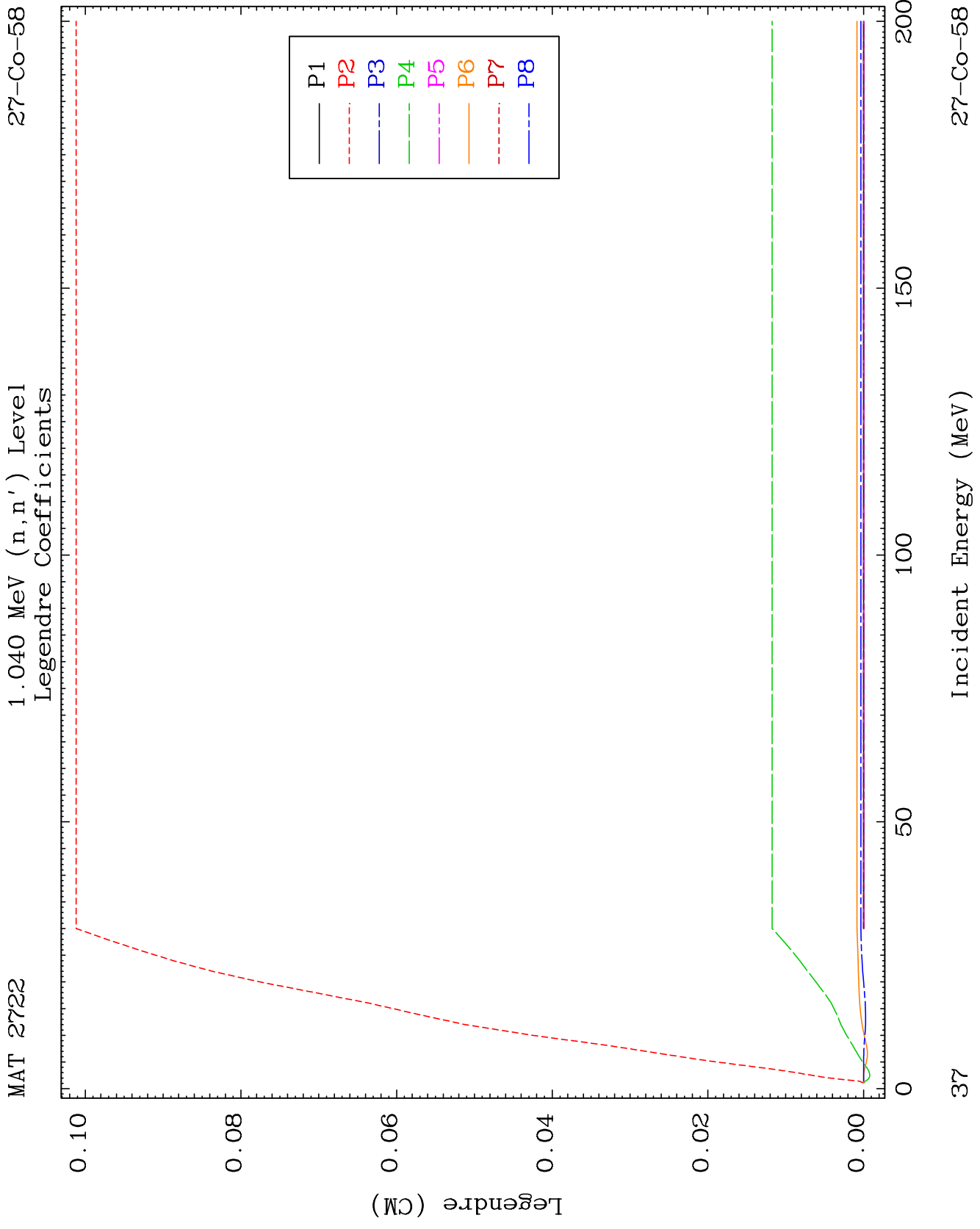


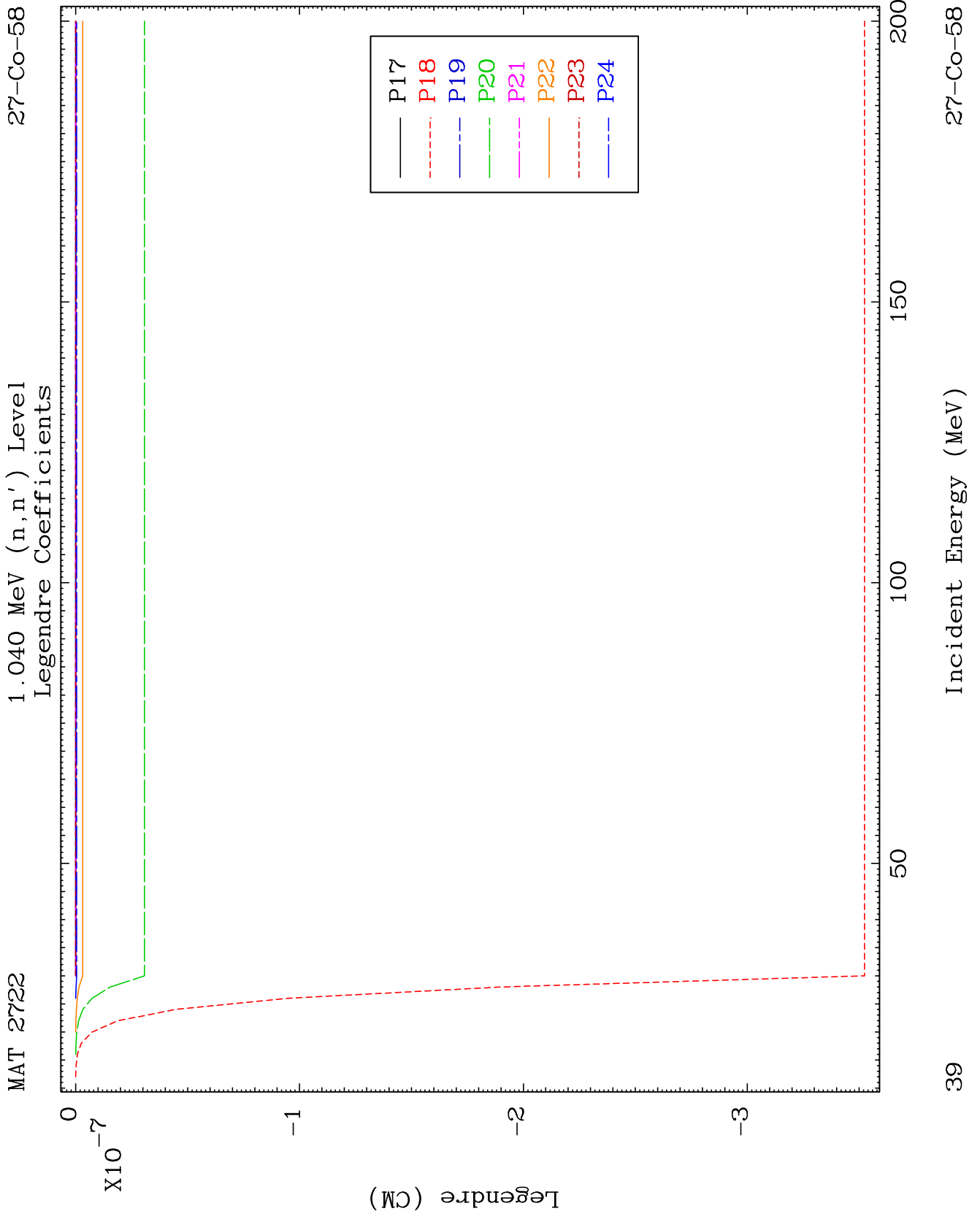
33

27-Co-58





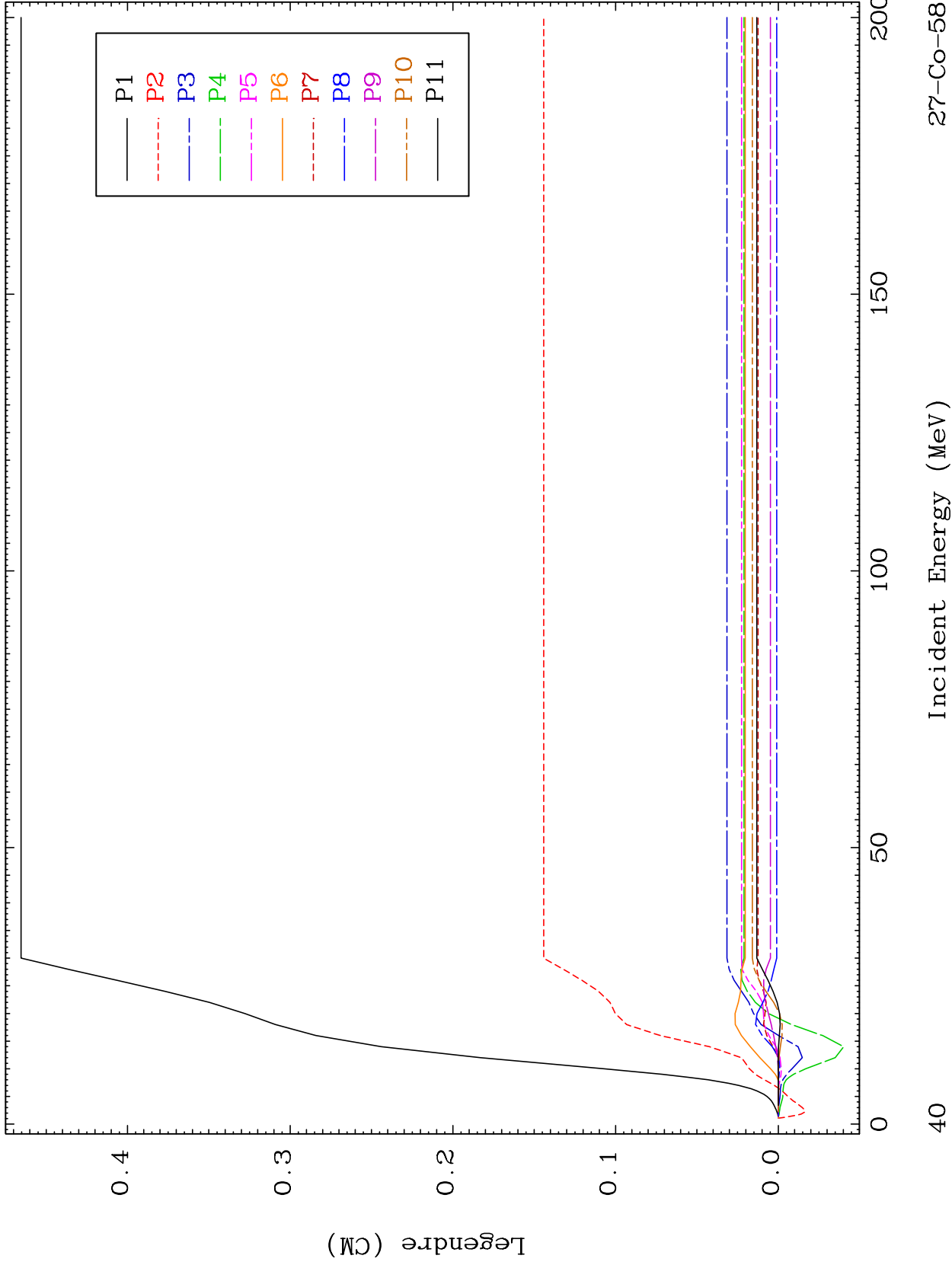




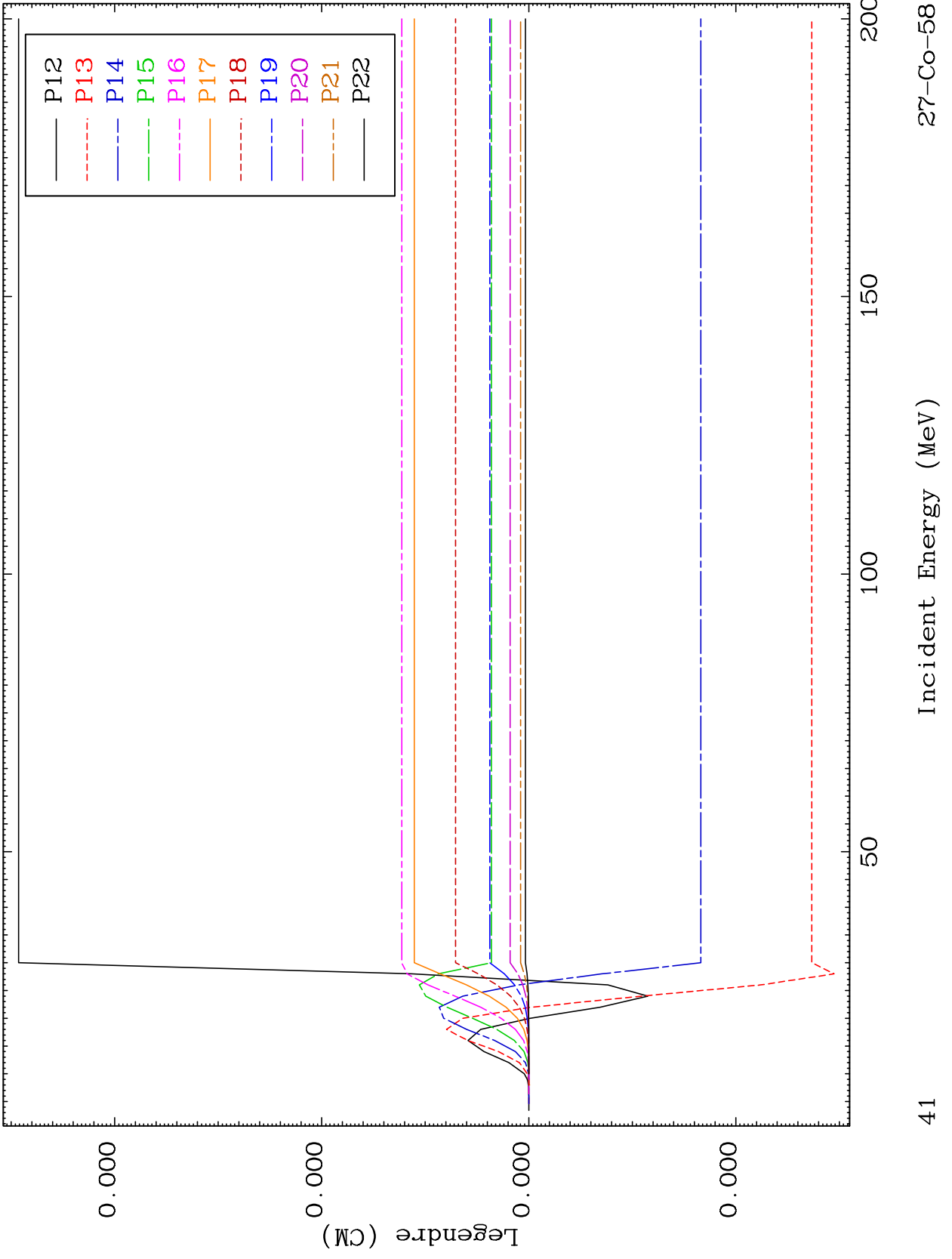
MAT 2722

1.044 MeV (n,n') Level
Legendre Coefficients

27-Co-58



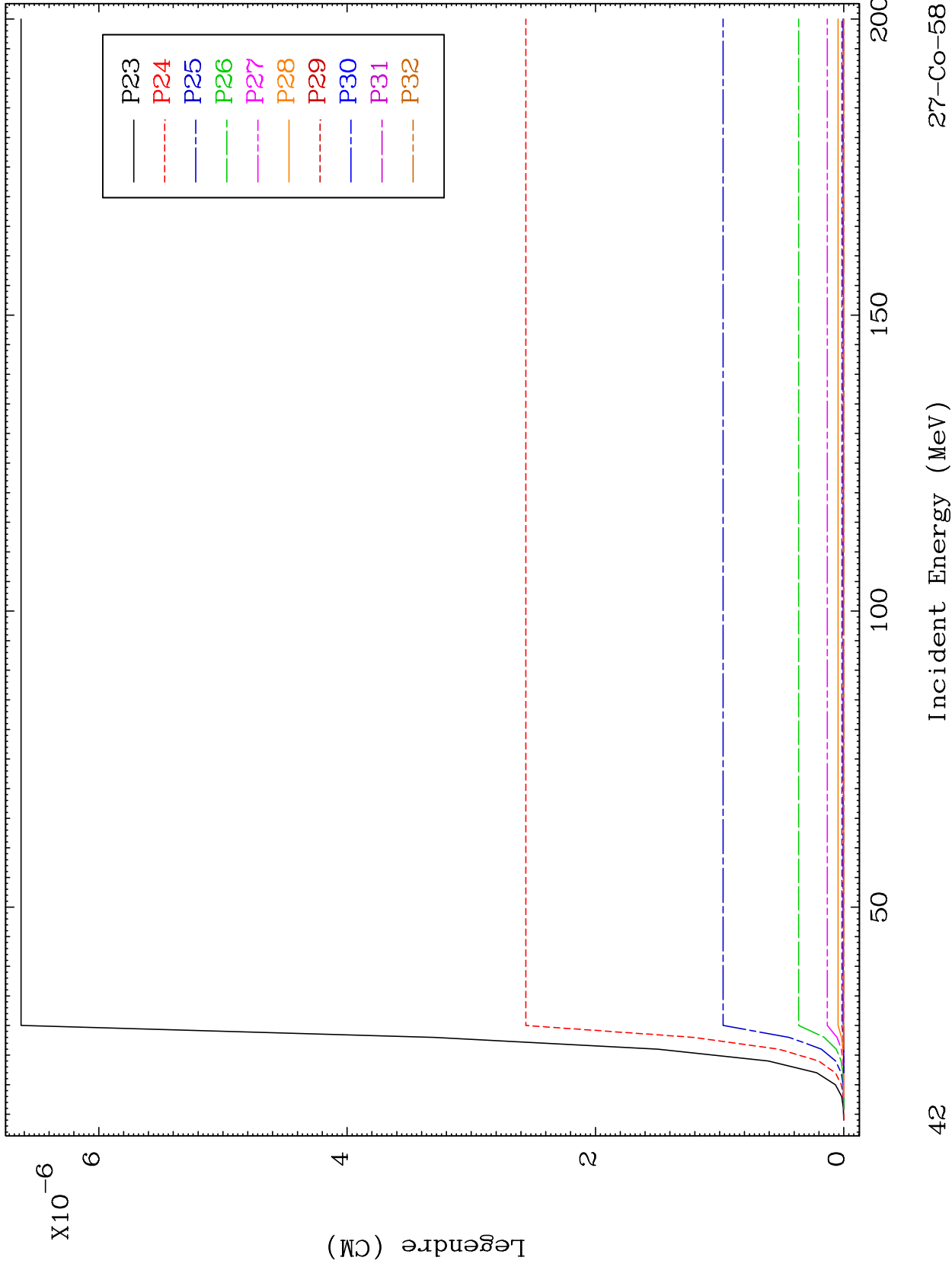
27-Co-58

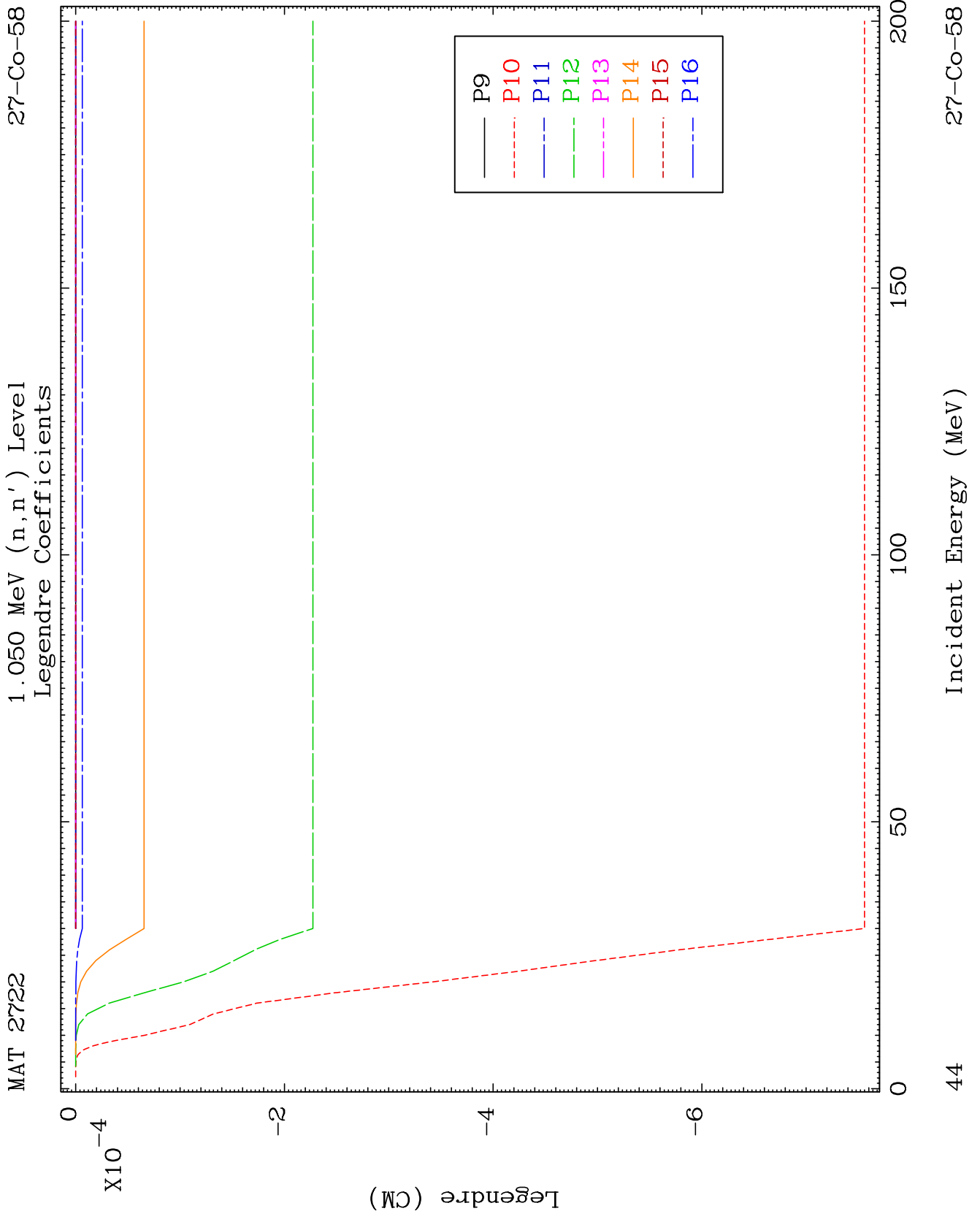


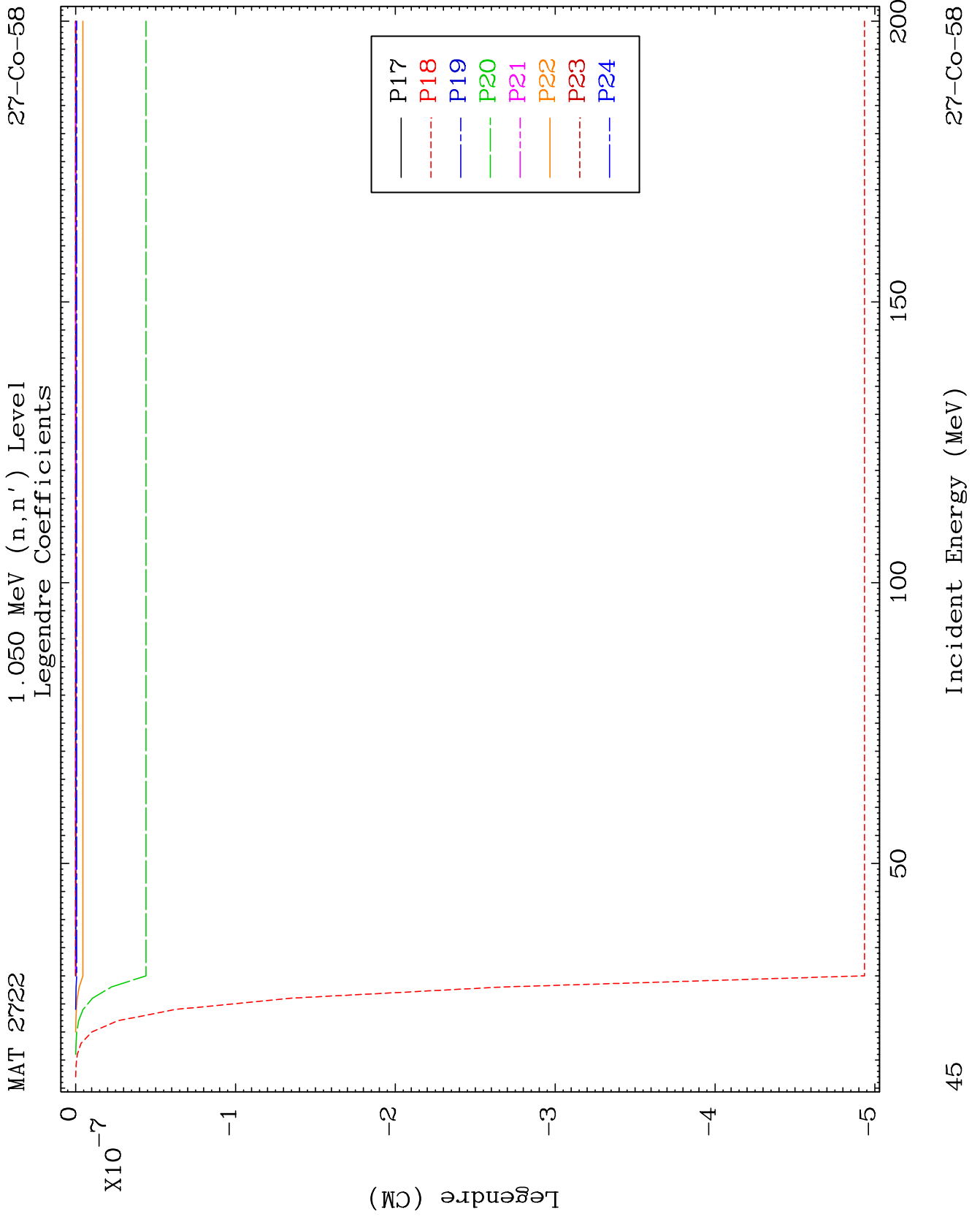
MAT 2722

1.044 MeV (n,n') Level
Legendre Coefficients

27-Co-58



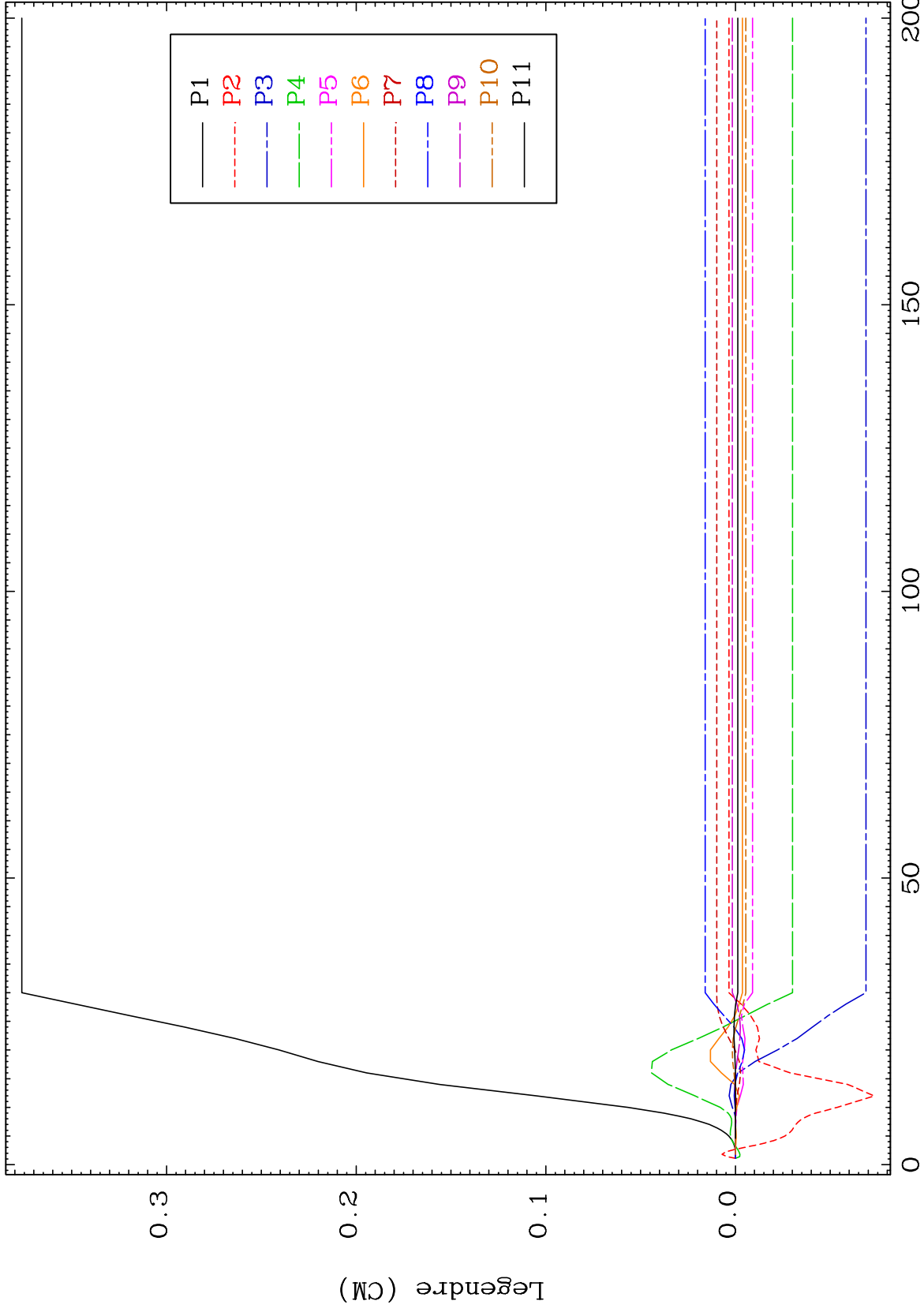




MAT 2722

1.075 MeV (n,n') Level
Legendre Coefficients

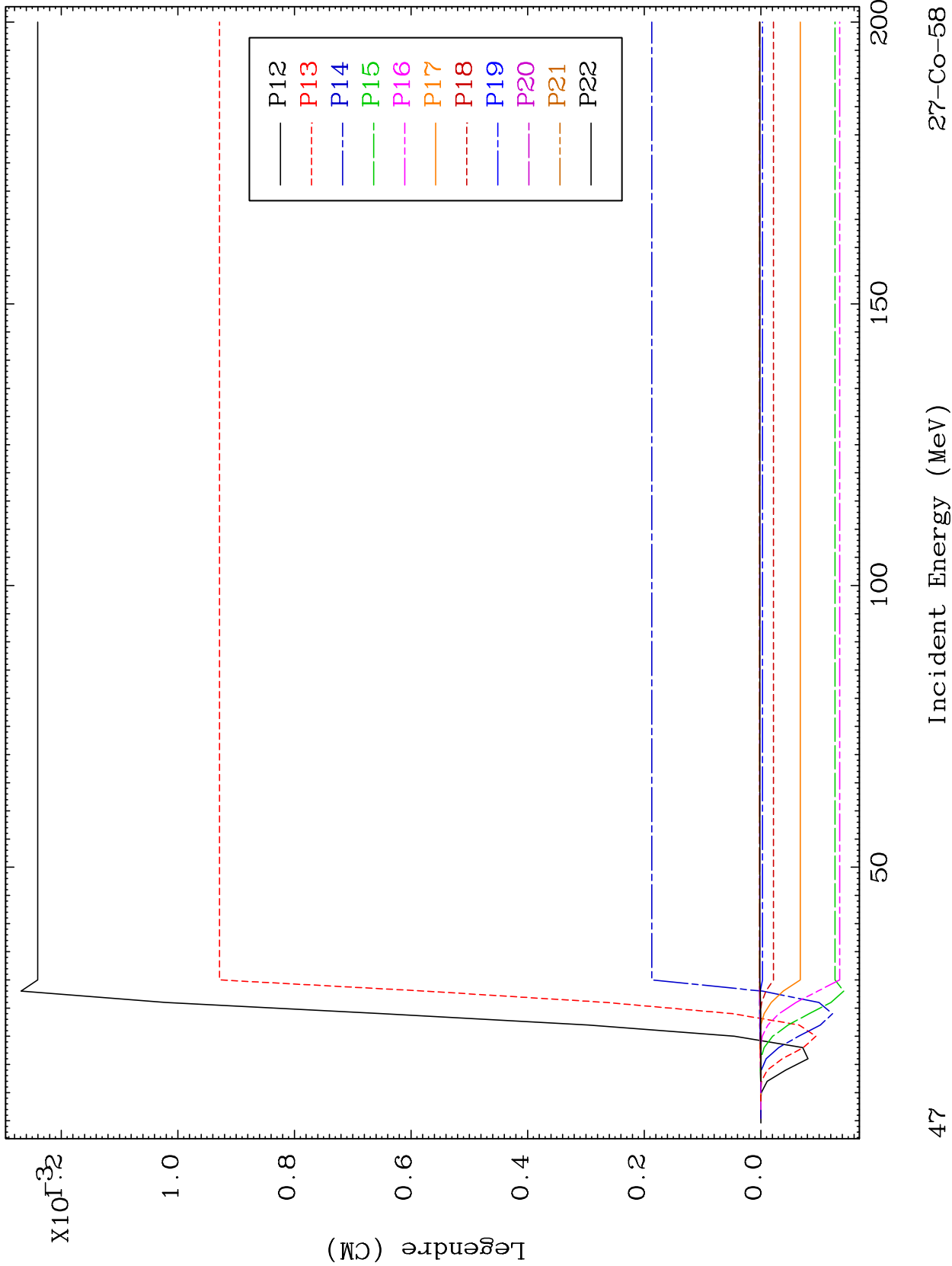
27-Co-58



46

Incident Energy (MeV)

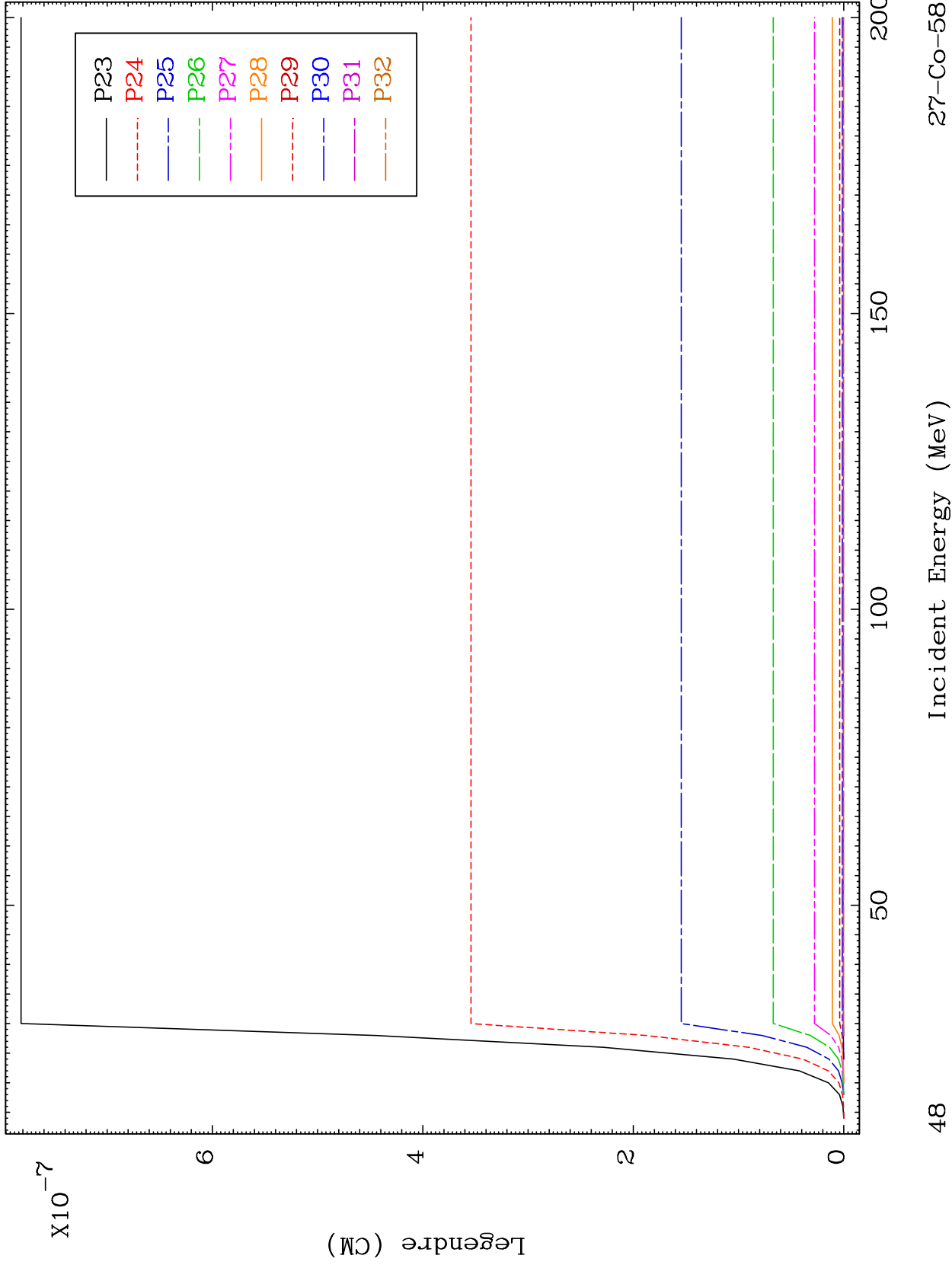
27-Co-58

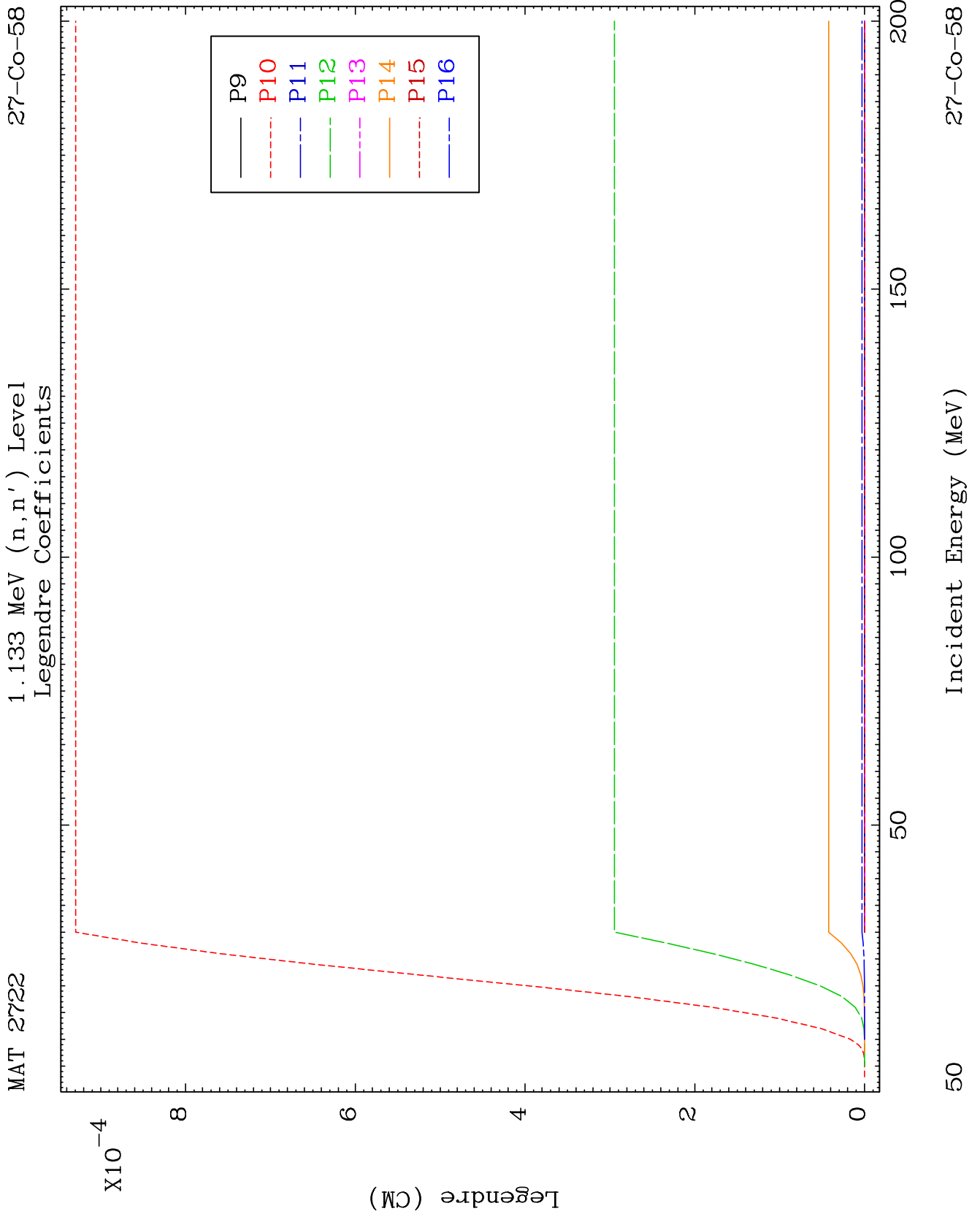


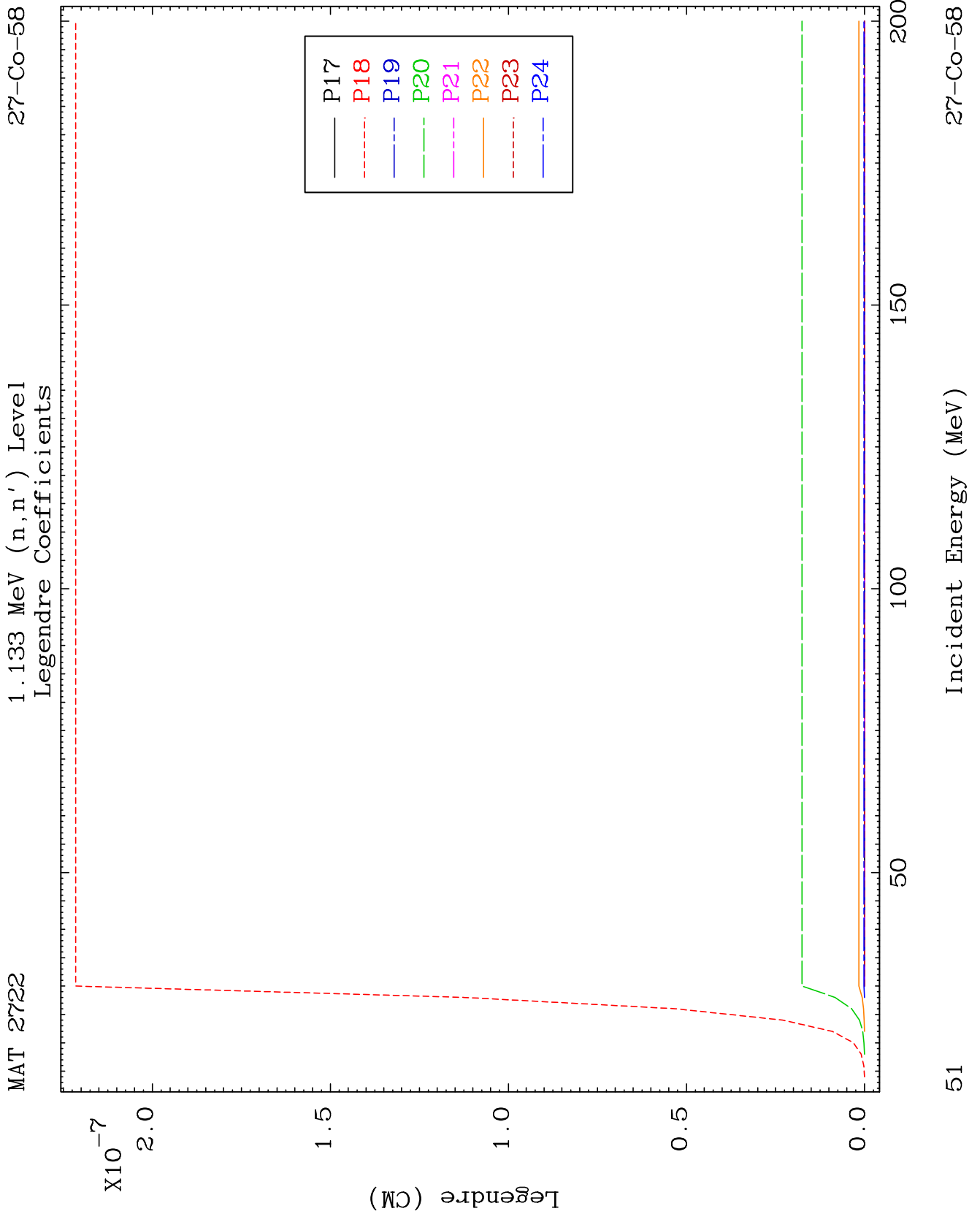
MAT 2722

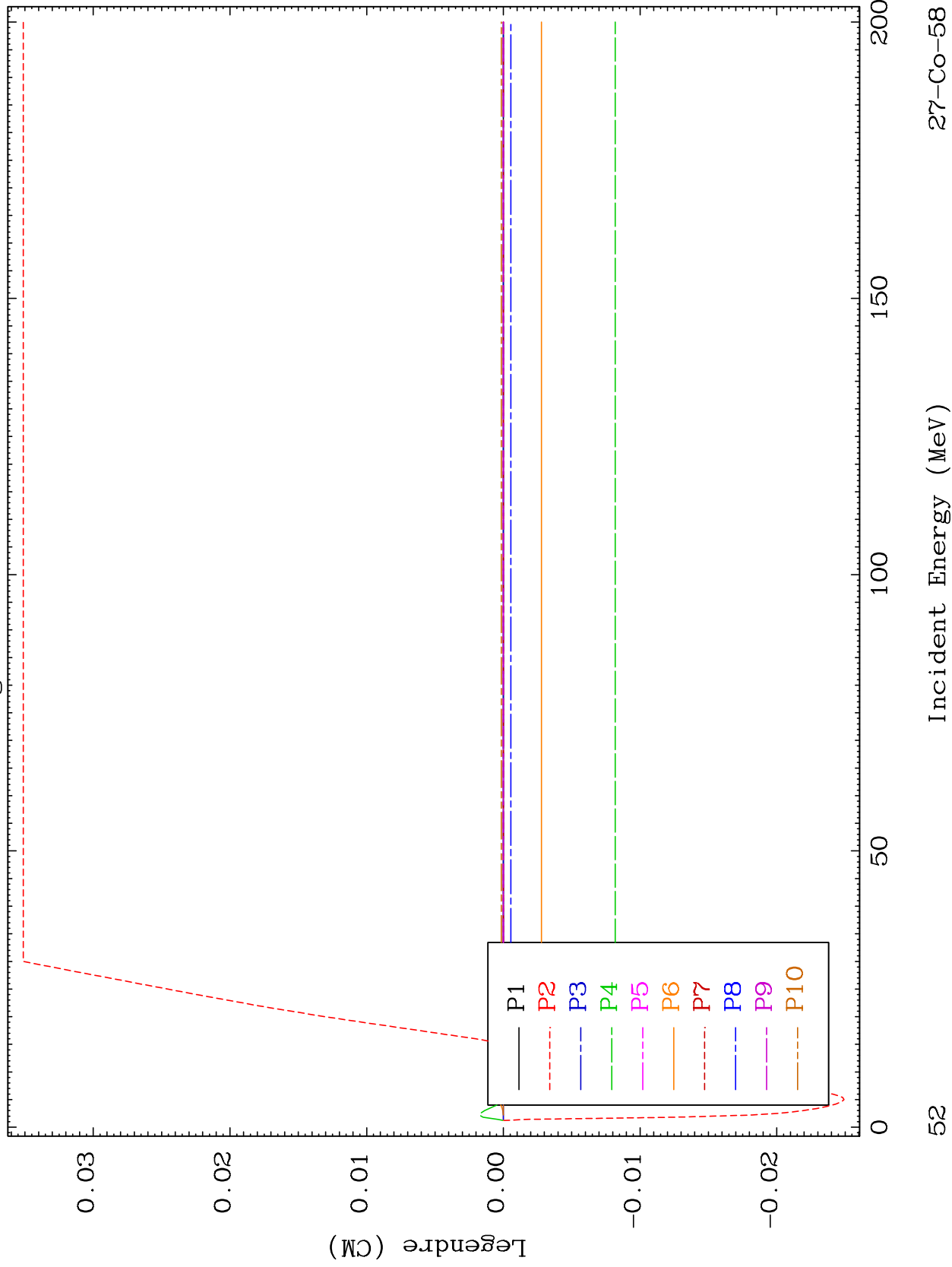
1.075 MeV (n,n') Level
Legendre Coefficients

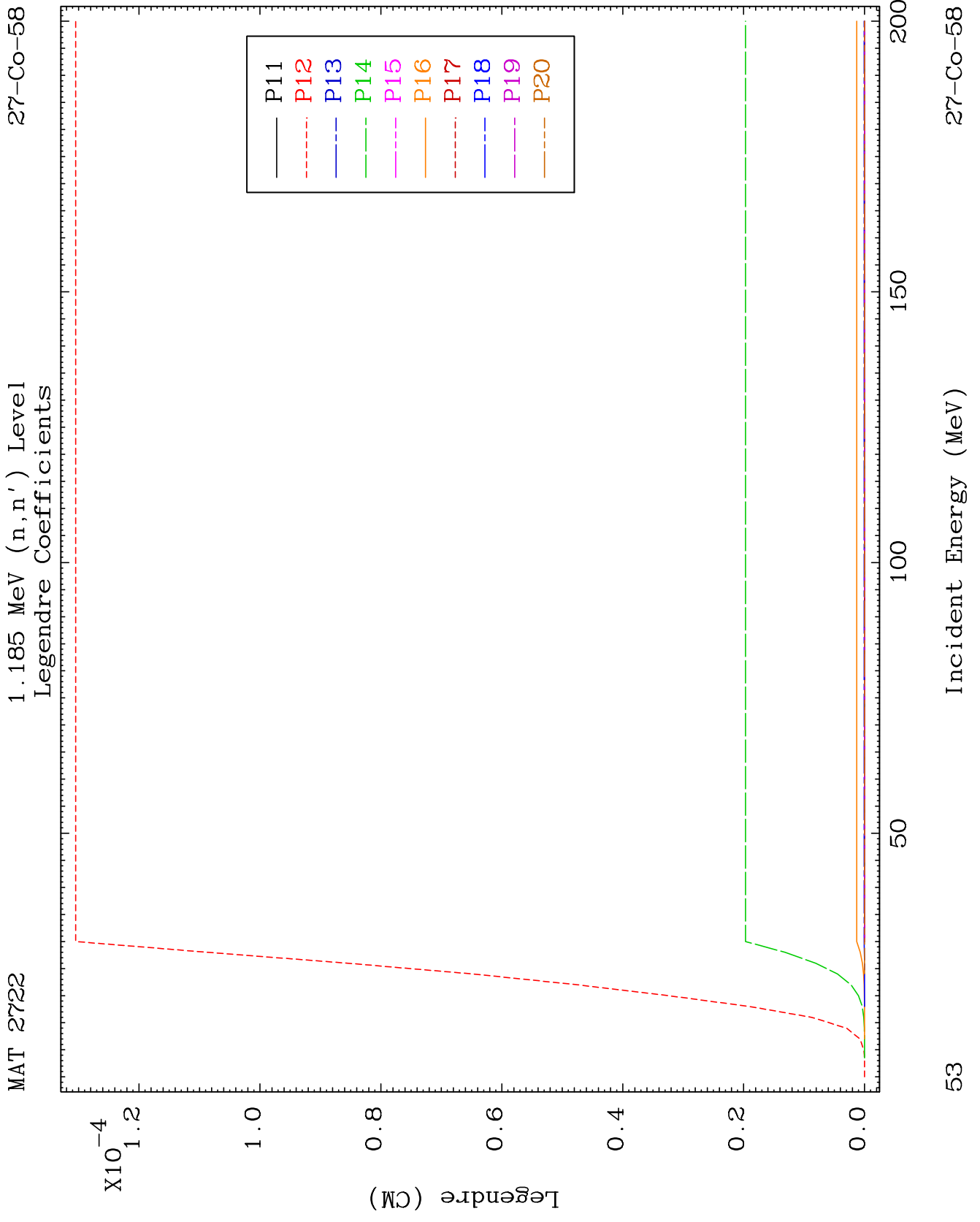
27-Co-58







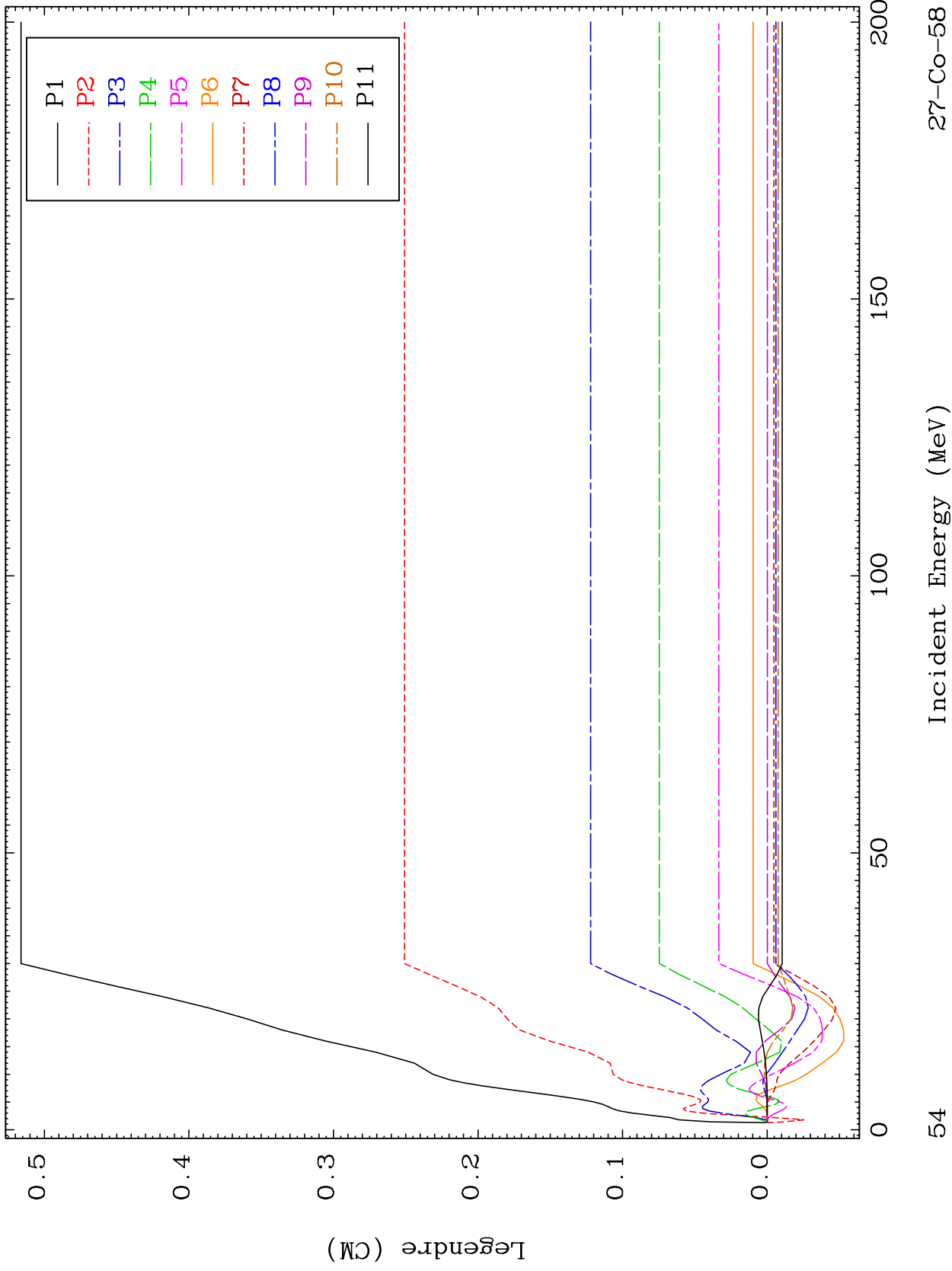




MAT 2722

1.237 MeV (n,n') Level
Legendre Coefficients

27-Co-58



54

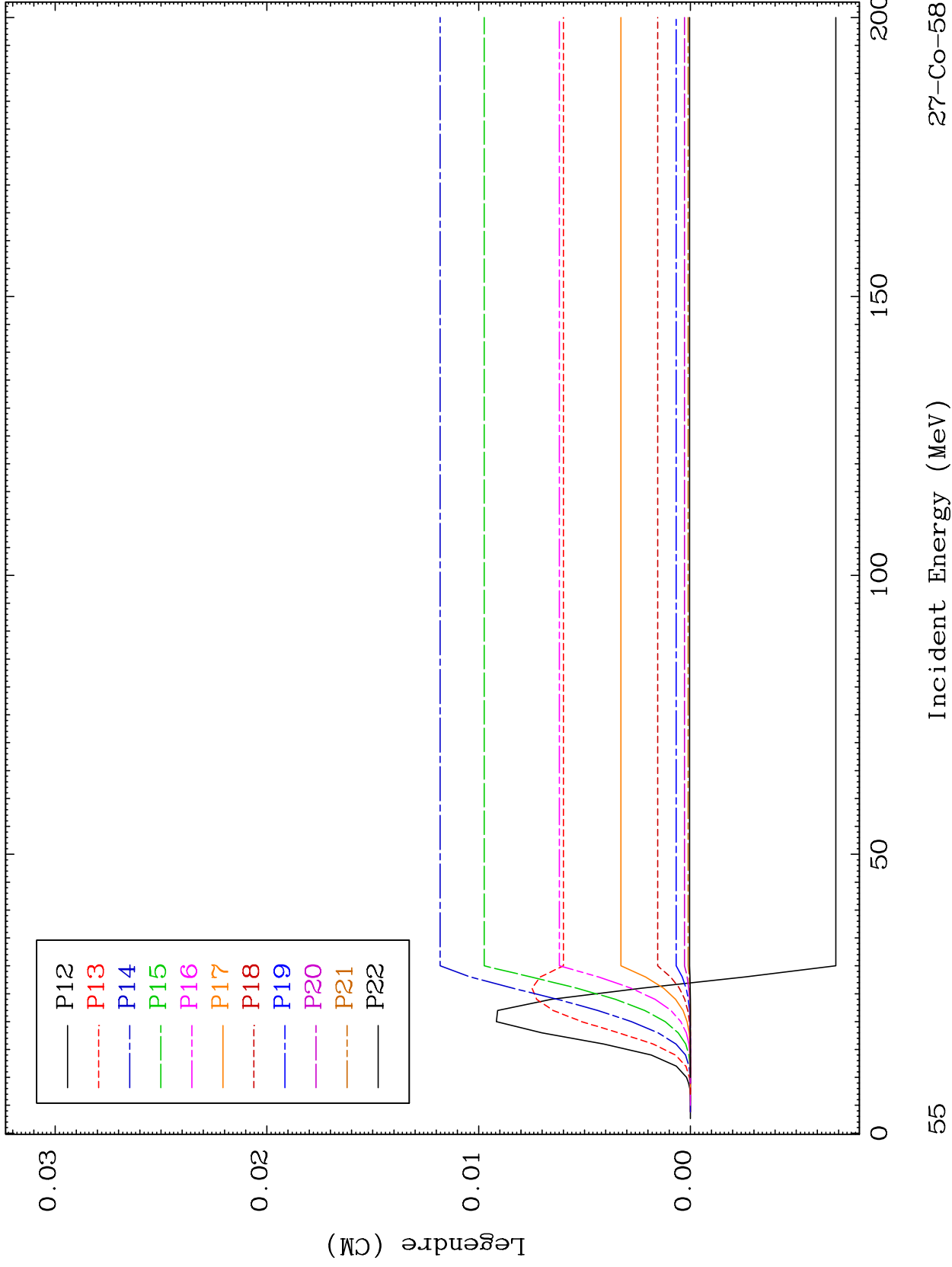
Incident Energy (MeV)

27-Co-58

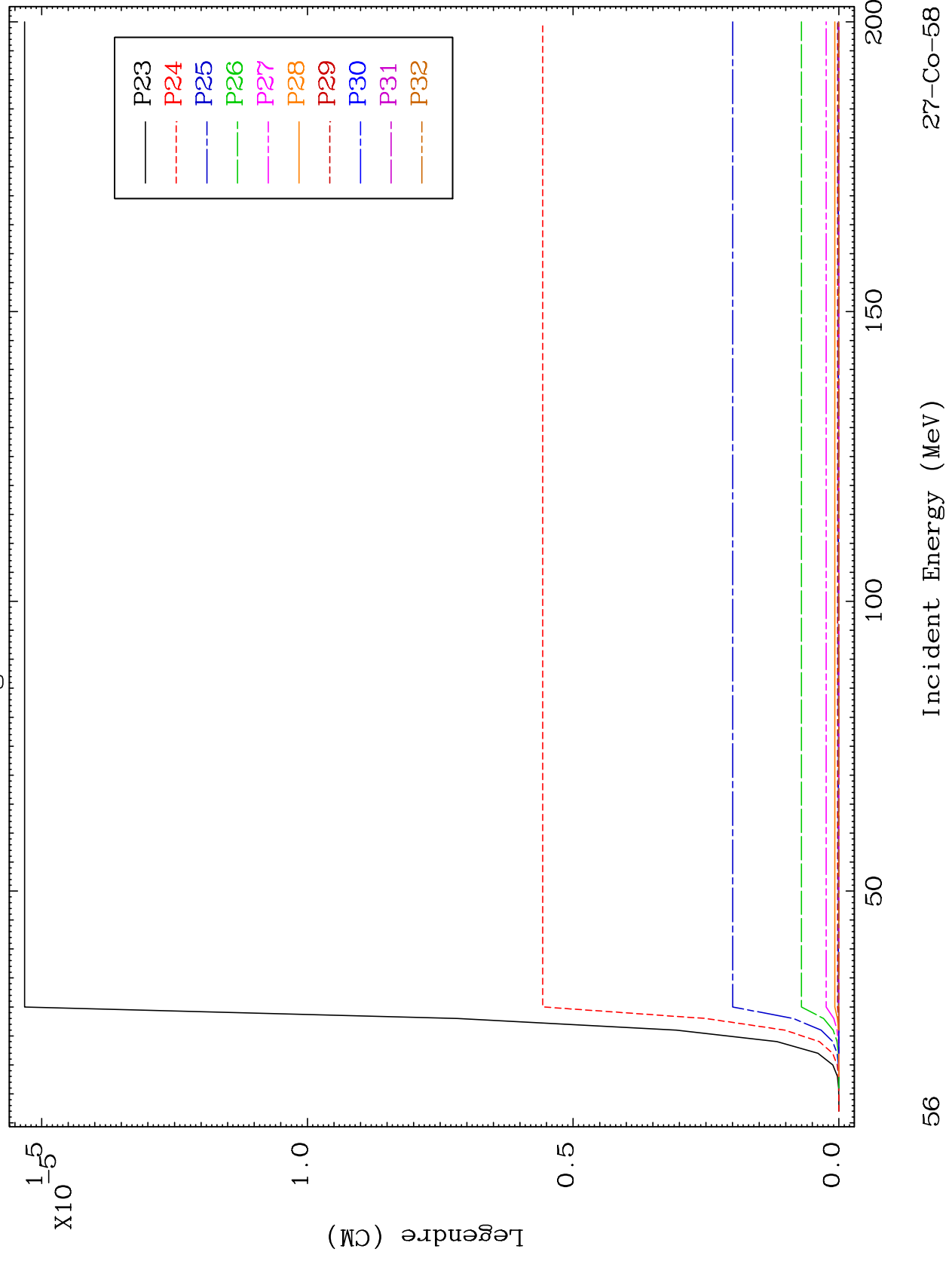
MAT 2722

1.237 MeV (n,n') Level
Legendre Coefficients

27-Co-58



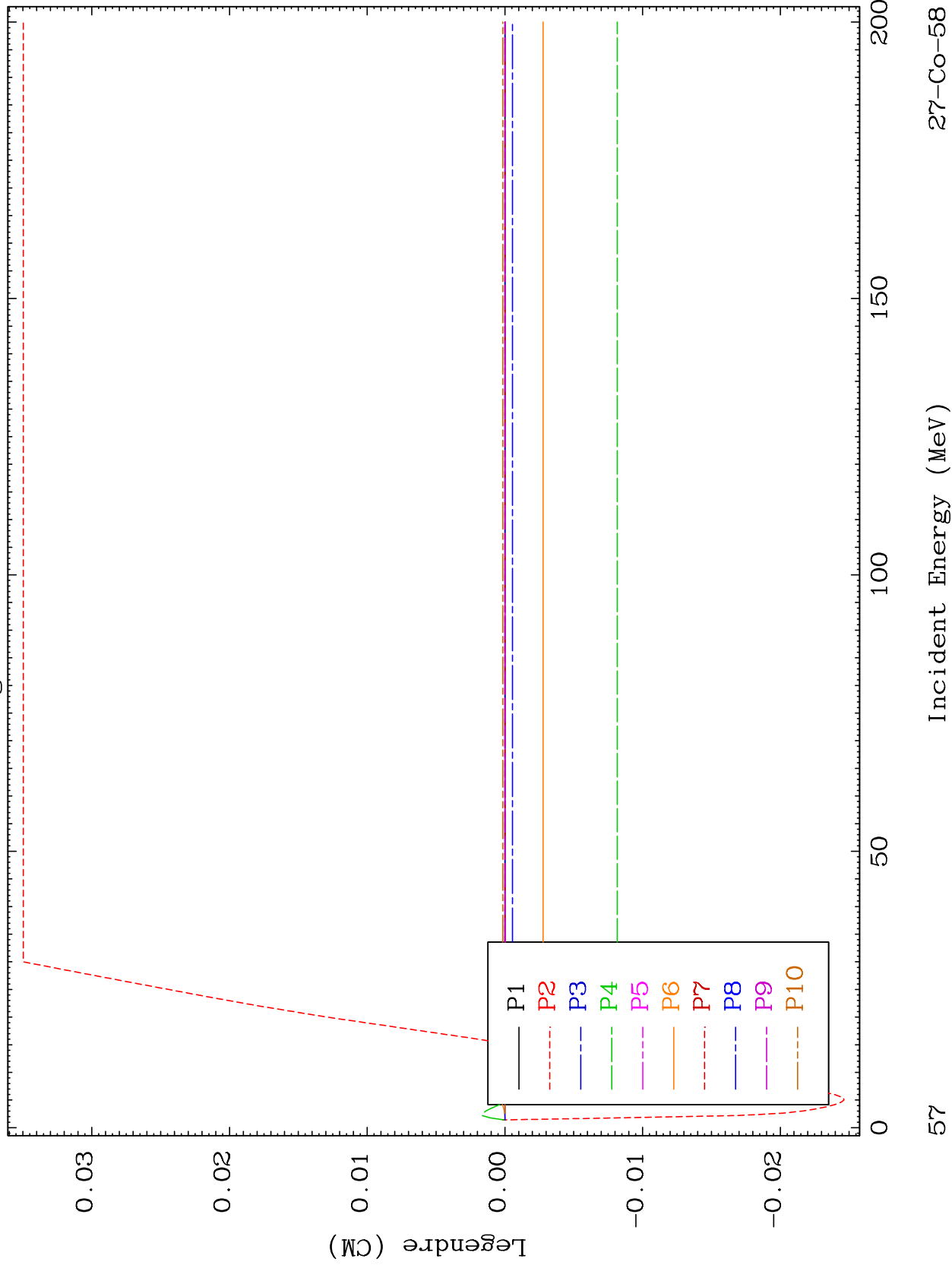
55



MAT 2722

1.352 MeV (n,n') Level
Legendre Coefficients

27-Co-58



57

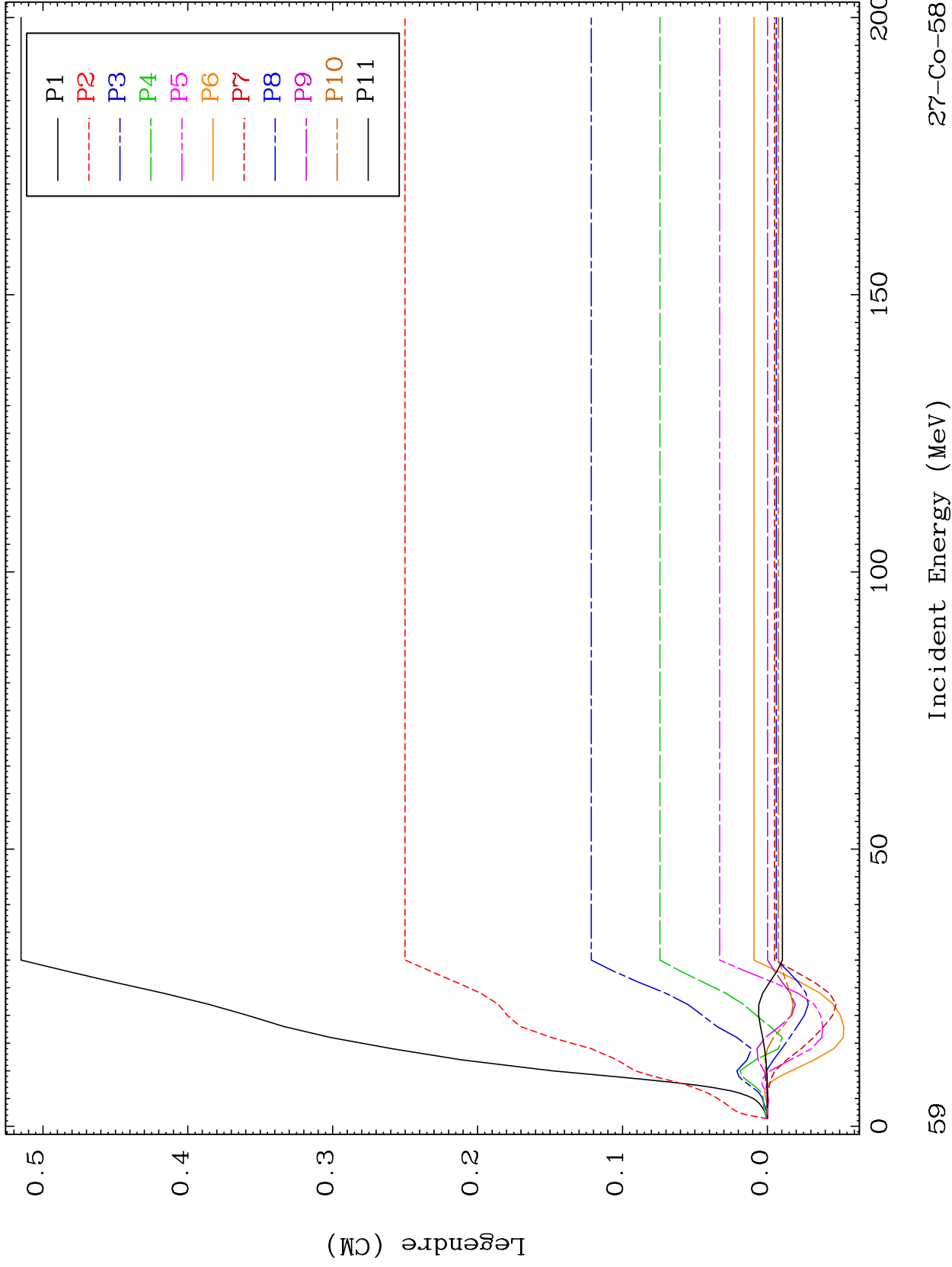
Incident Energy (MeV)

27-Co-58

MAT 2722

1.353 MeV (n,n') Level
Legendre Coefficients

27-Co-58



59

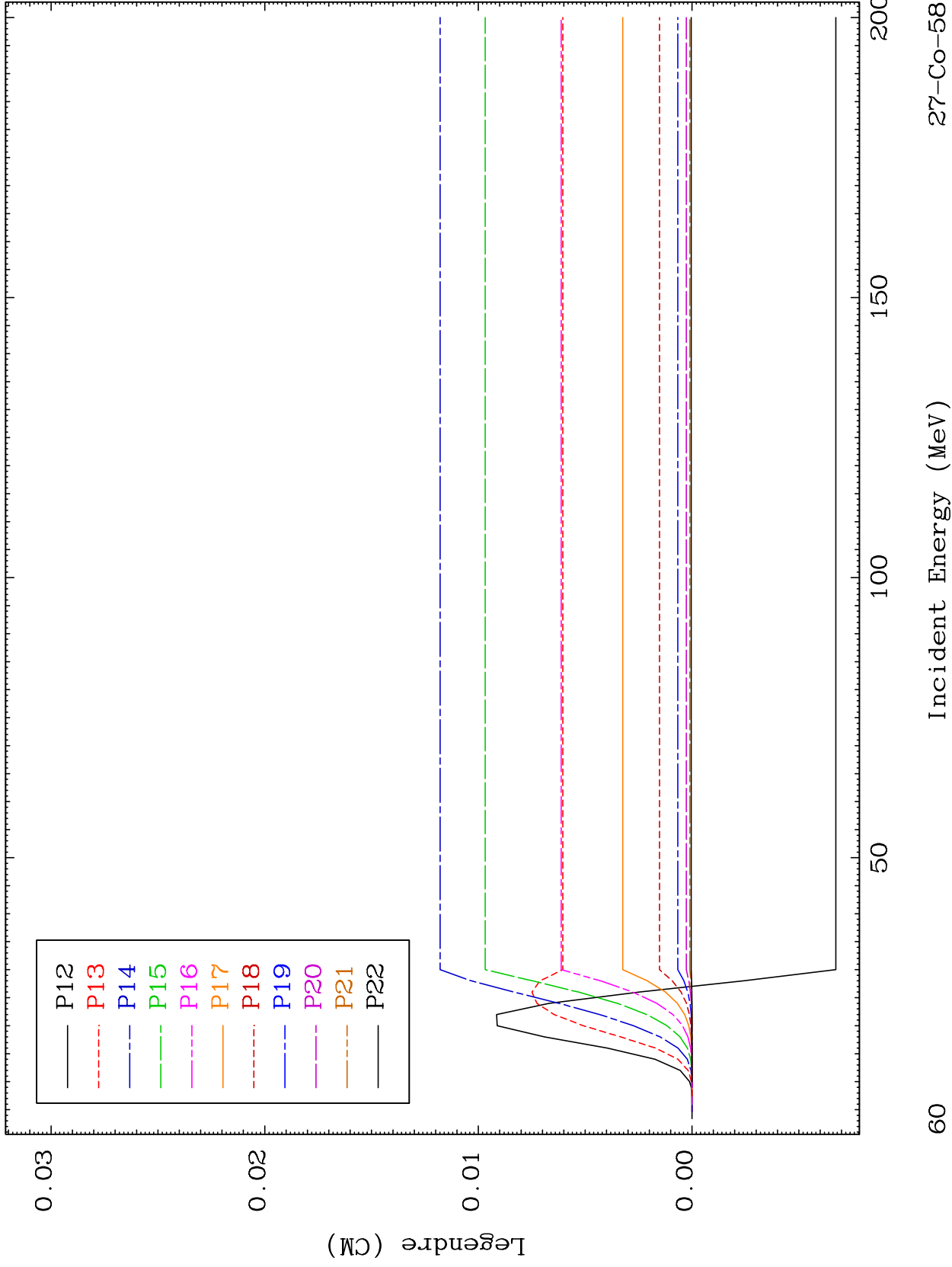
Incident Energy (MeV)

27-Co-58

MAT 2722

1.353 MeV (n,n') Level
Legendre Coefficients

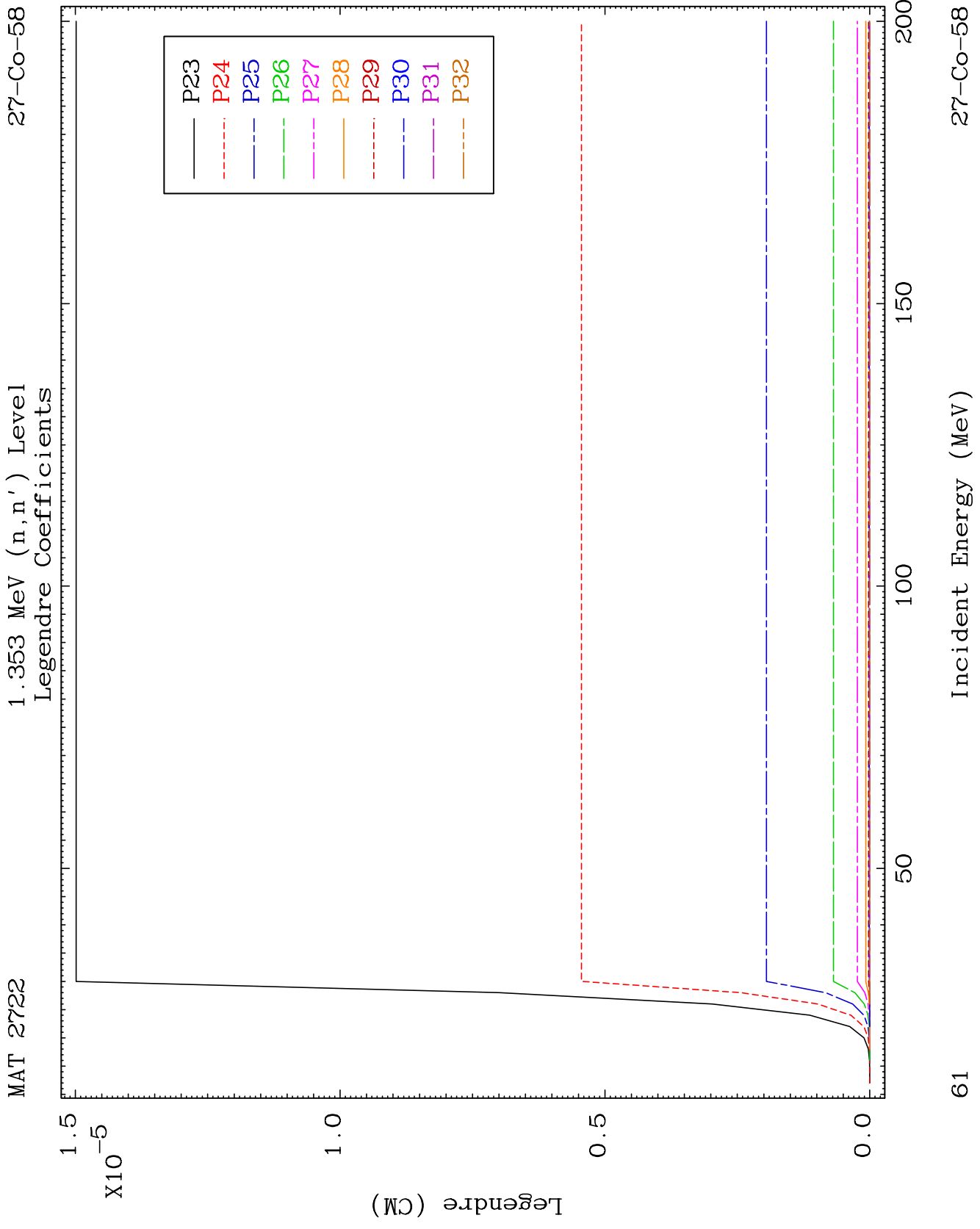
27-Co-58

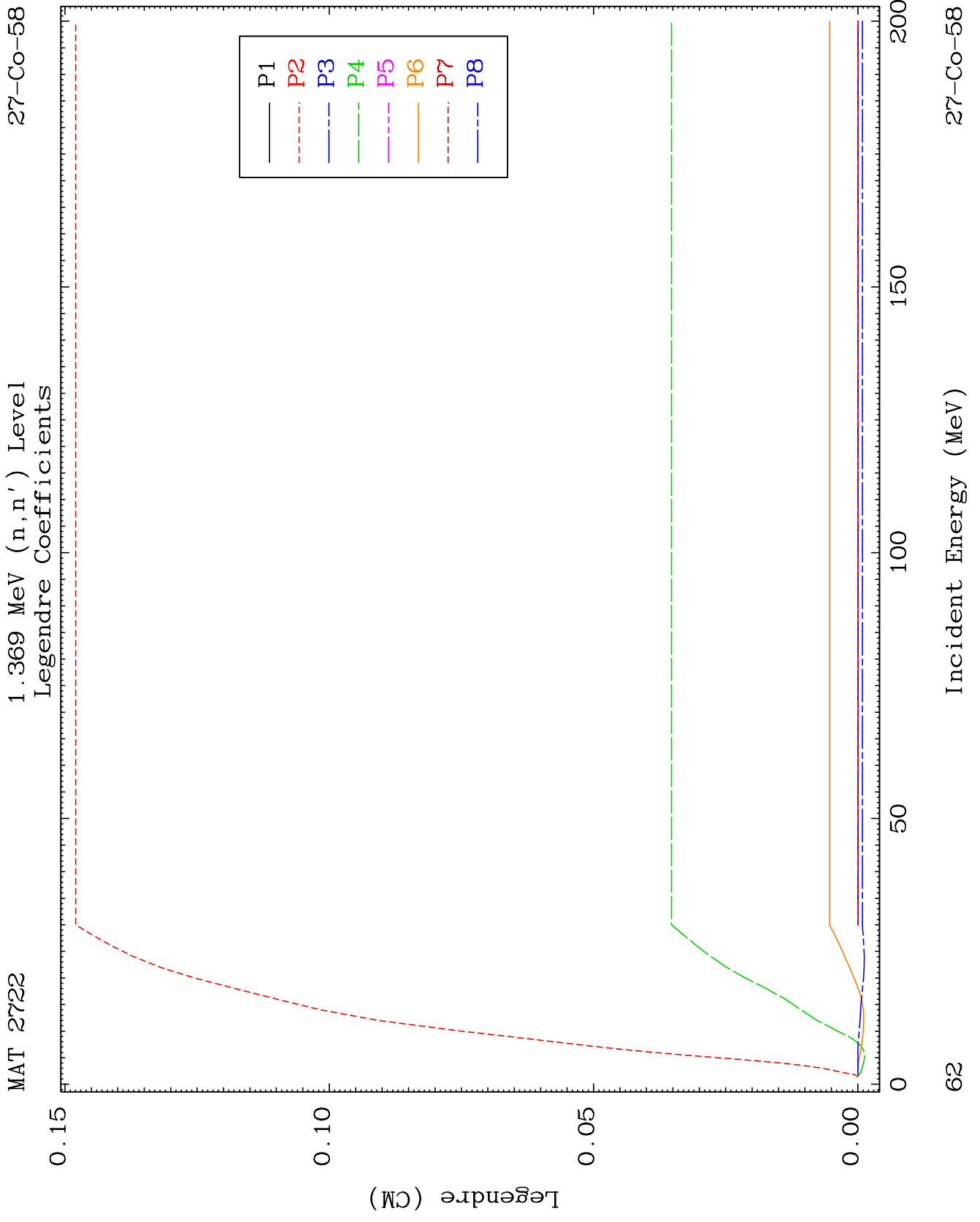


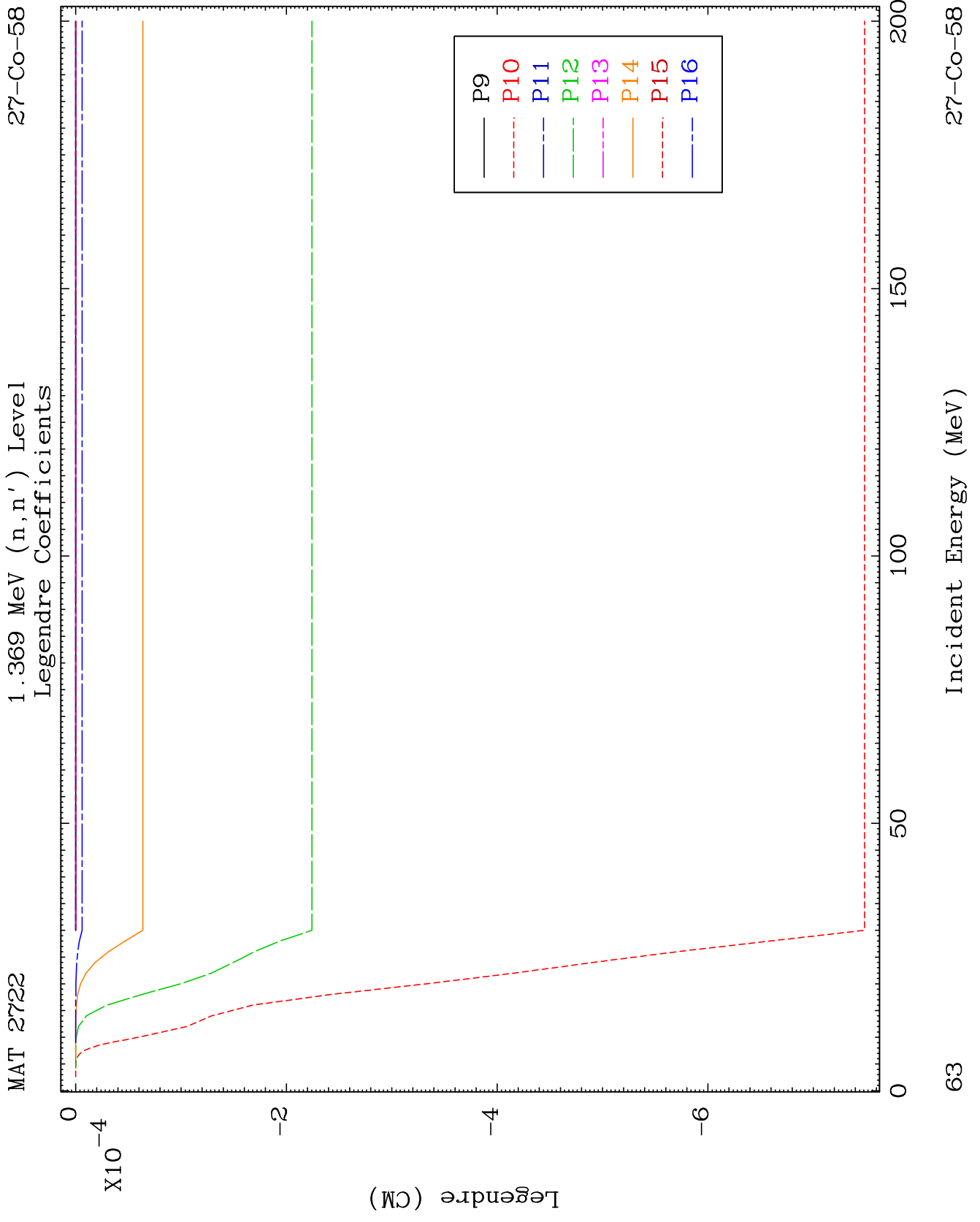
60

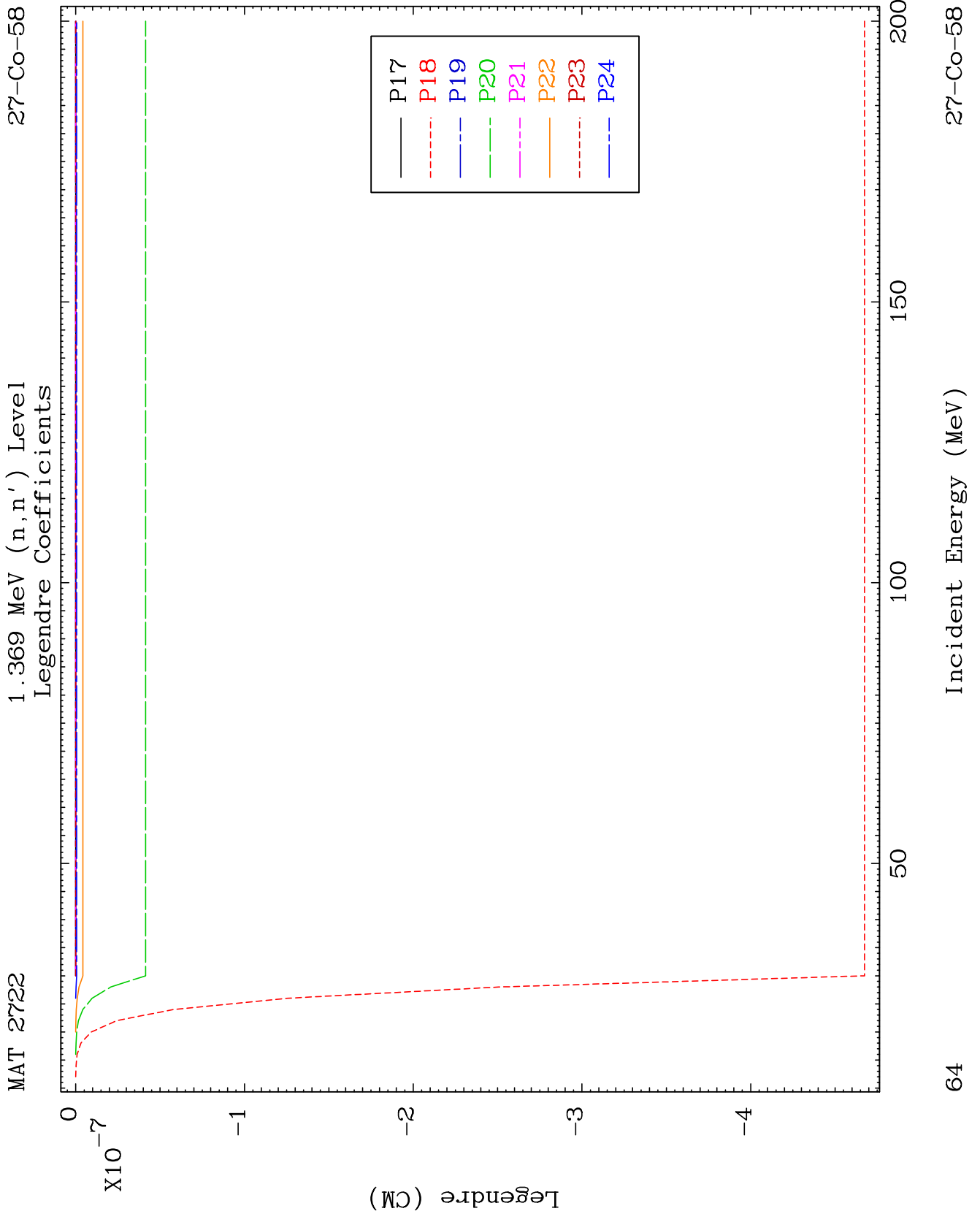
Incident Energy (MeV)

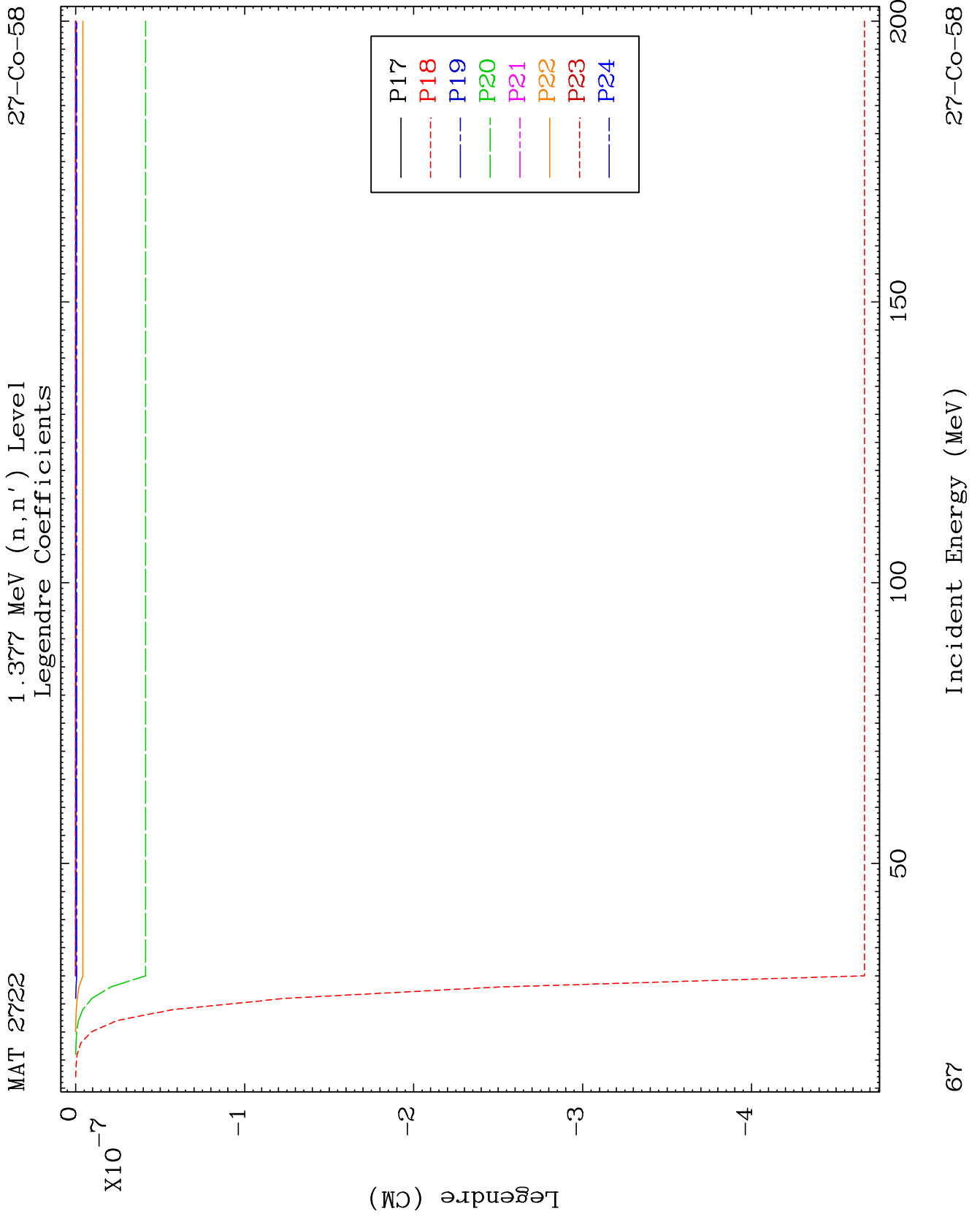
27-Co-58







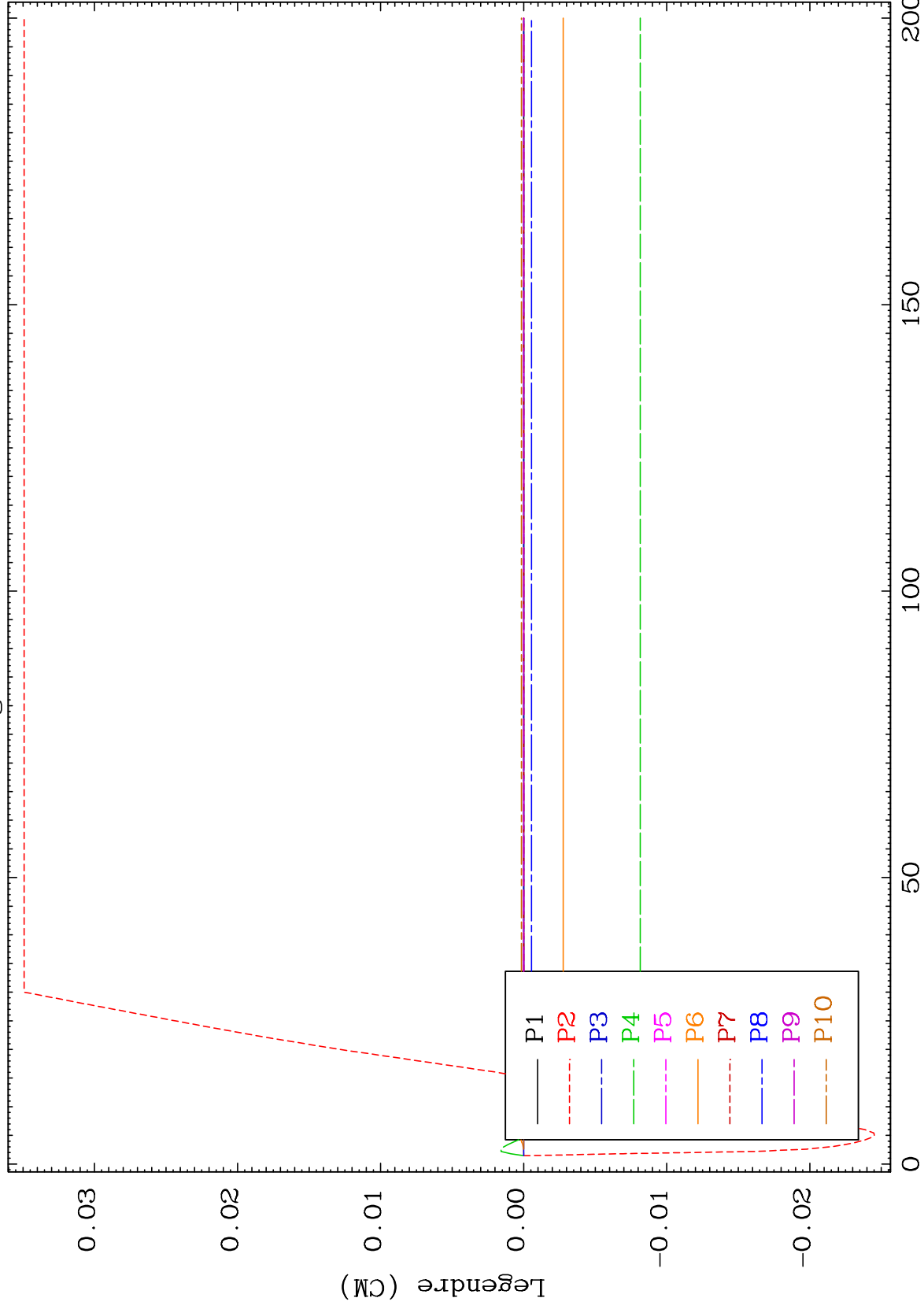




MAT 2722

1.418 MeV (n,n') Level
Legendre Coefficients

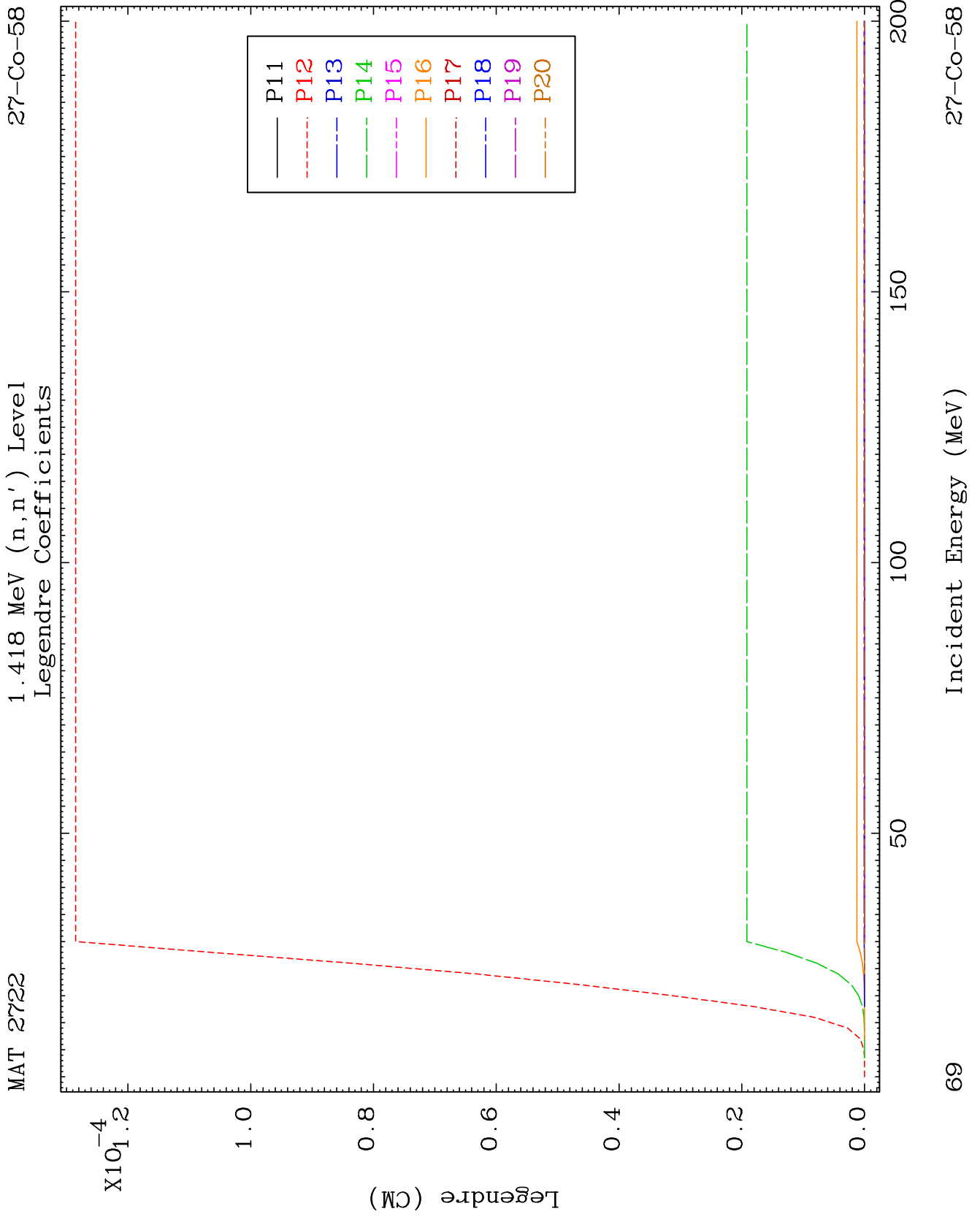
27-Co-58

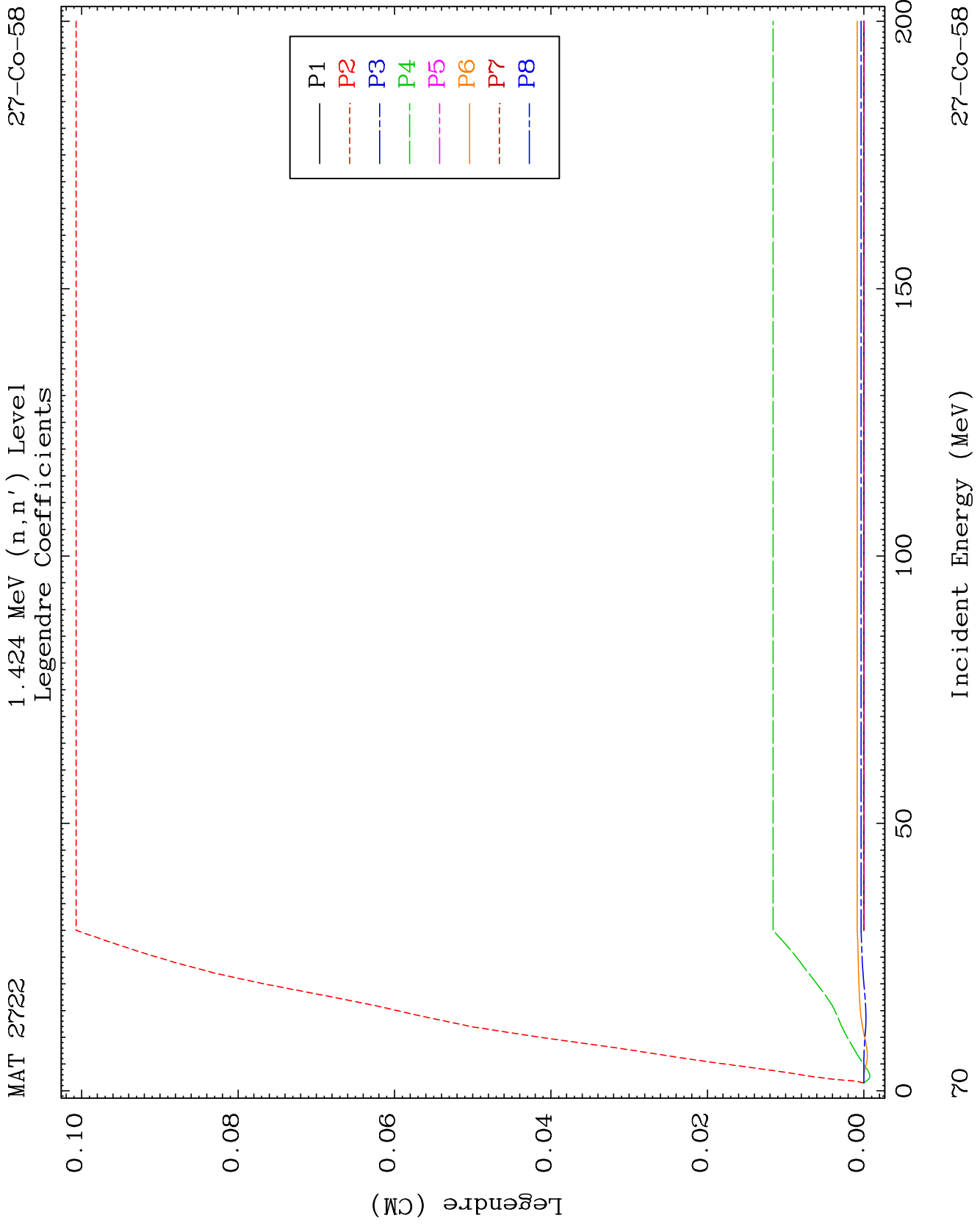


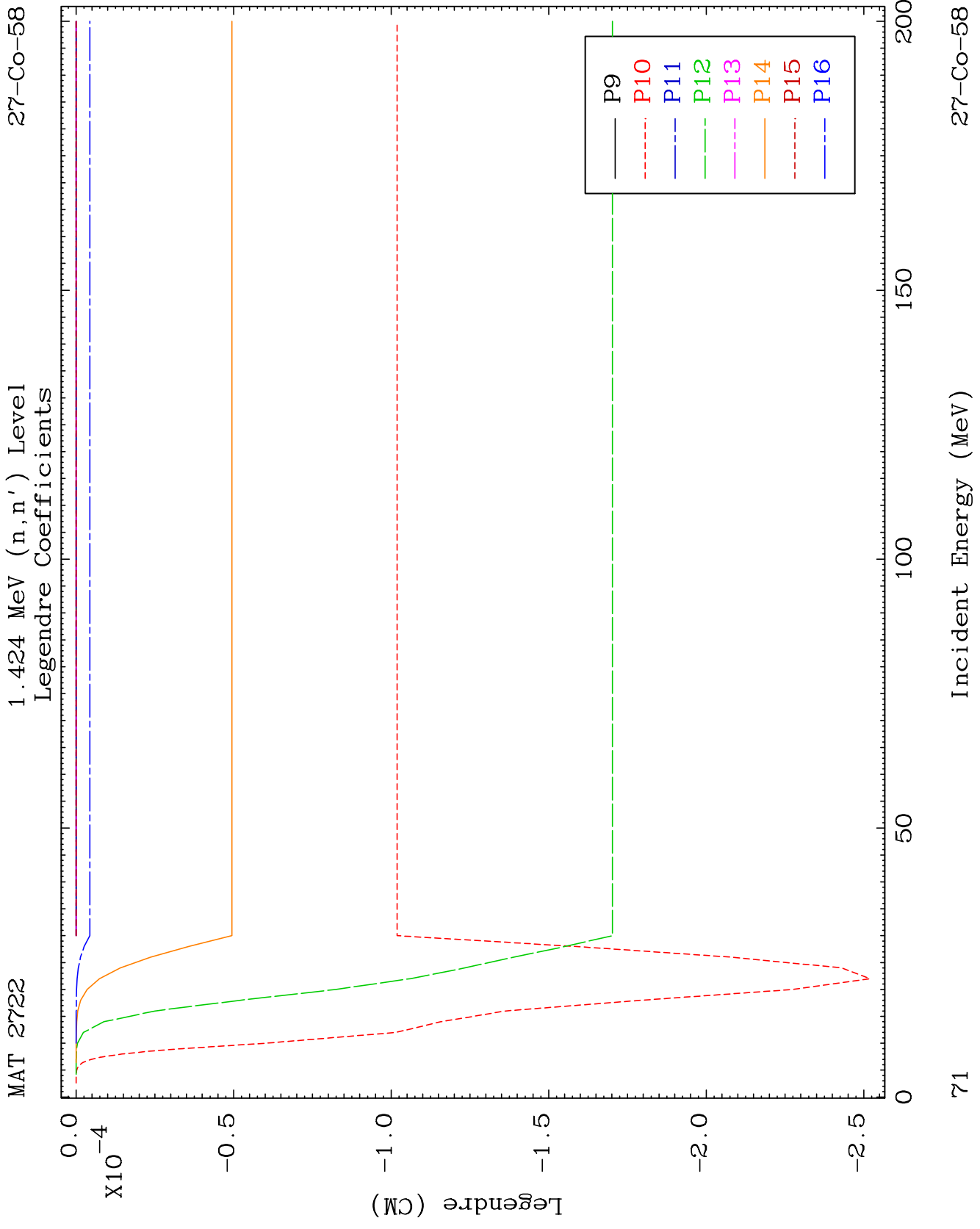
27-Co-58

Incident Energy (MeV)

68



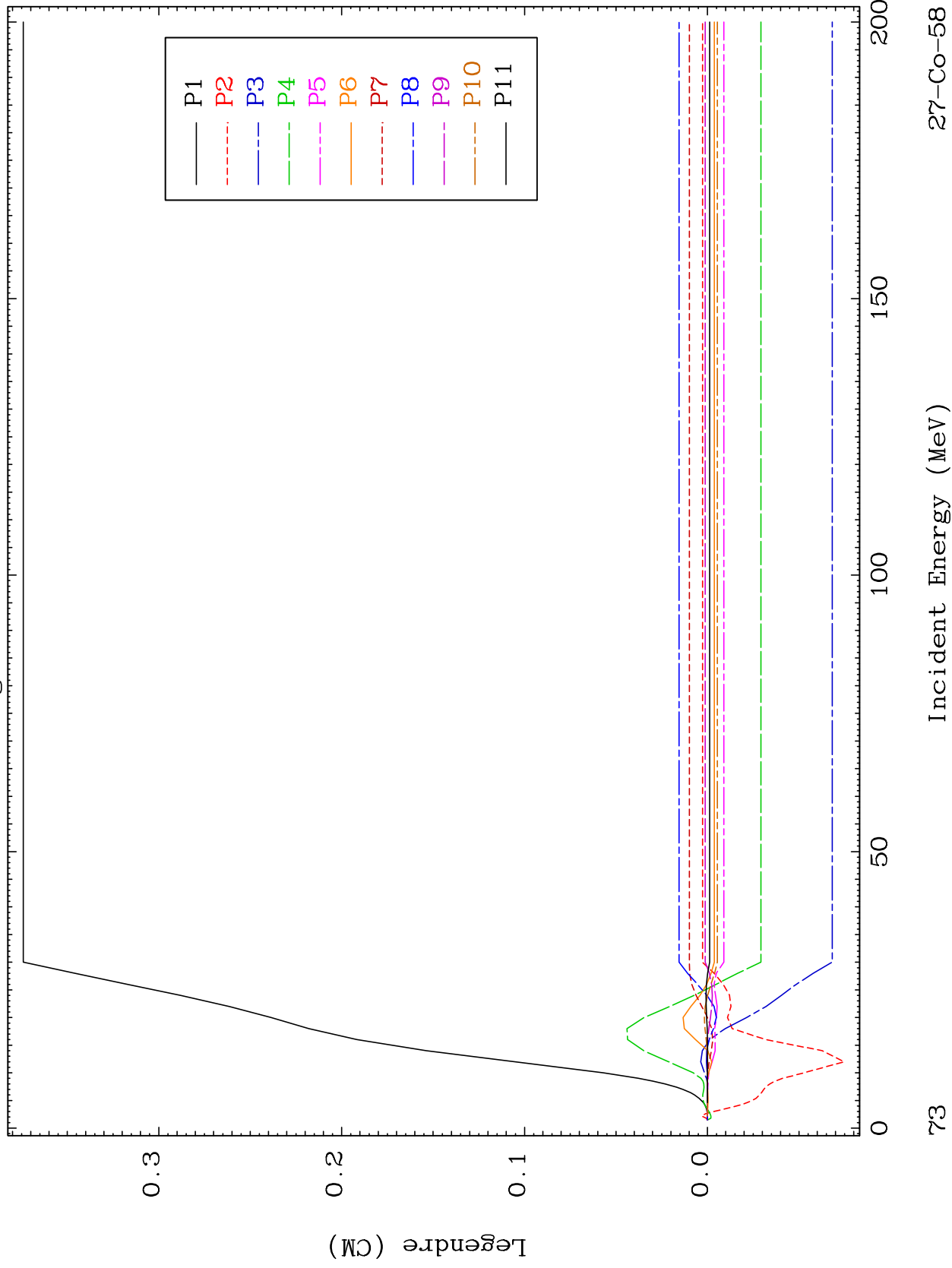




MAT 2722

1.430 MeV (n,n') Level
Legendre Coefficients

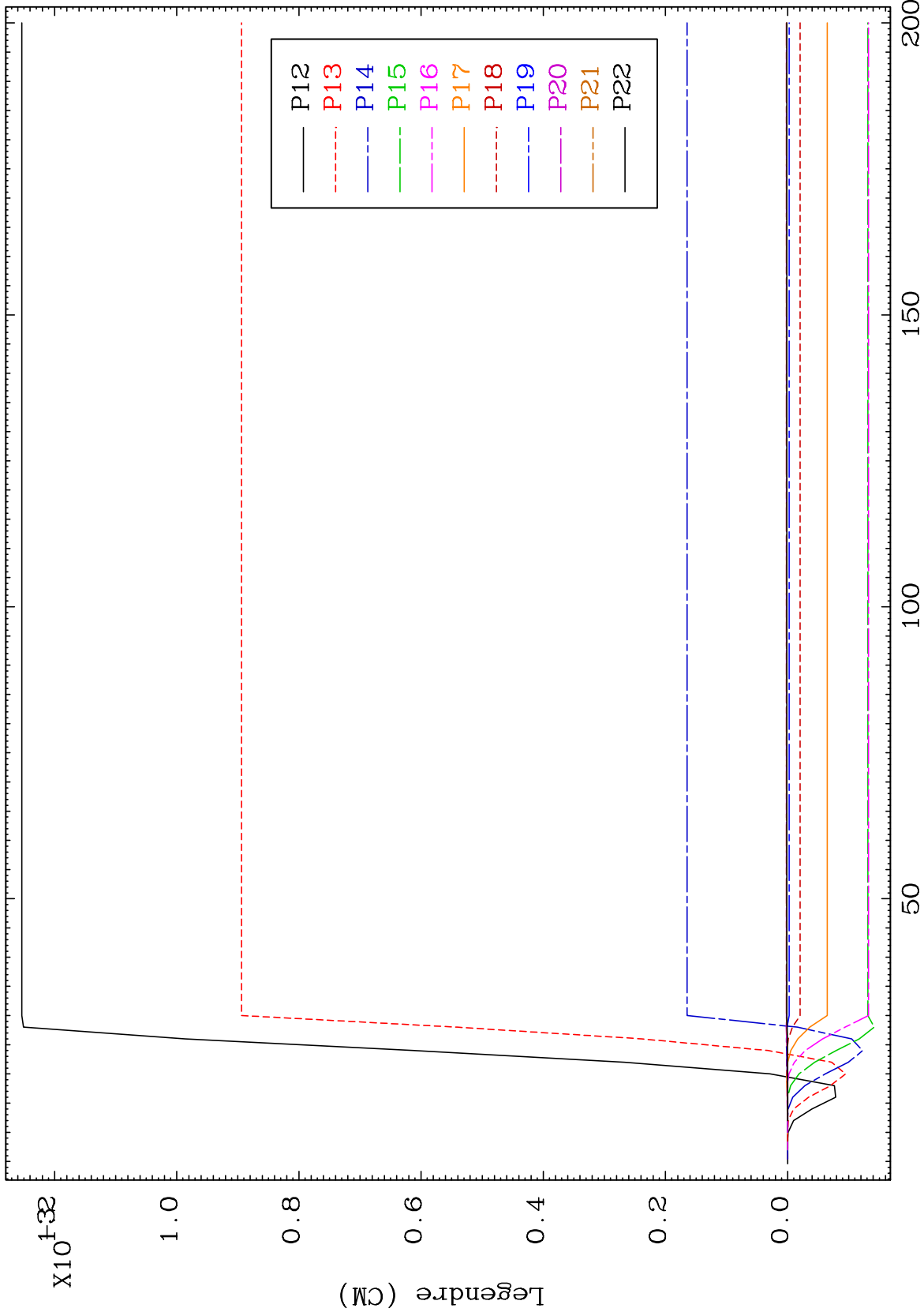
27-Co-58



27-Co-58

Incident Energy (MeV)

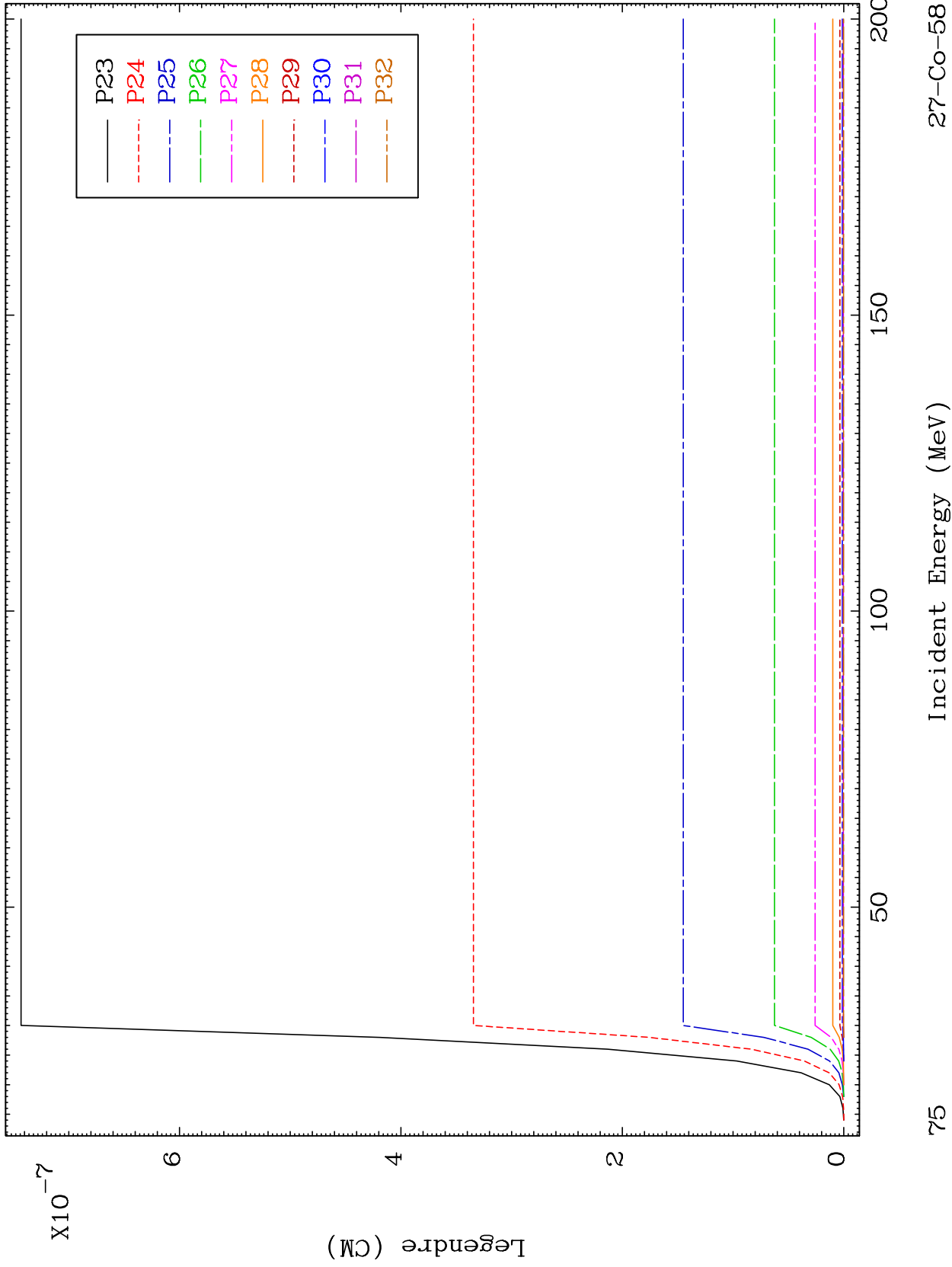
73



MAT 2722

1.430 MeV (n,n') Level
Legendre Coefficients

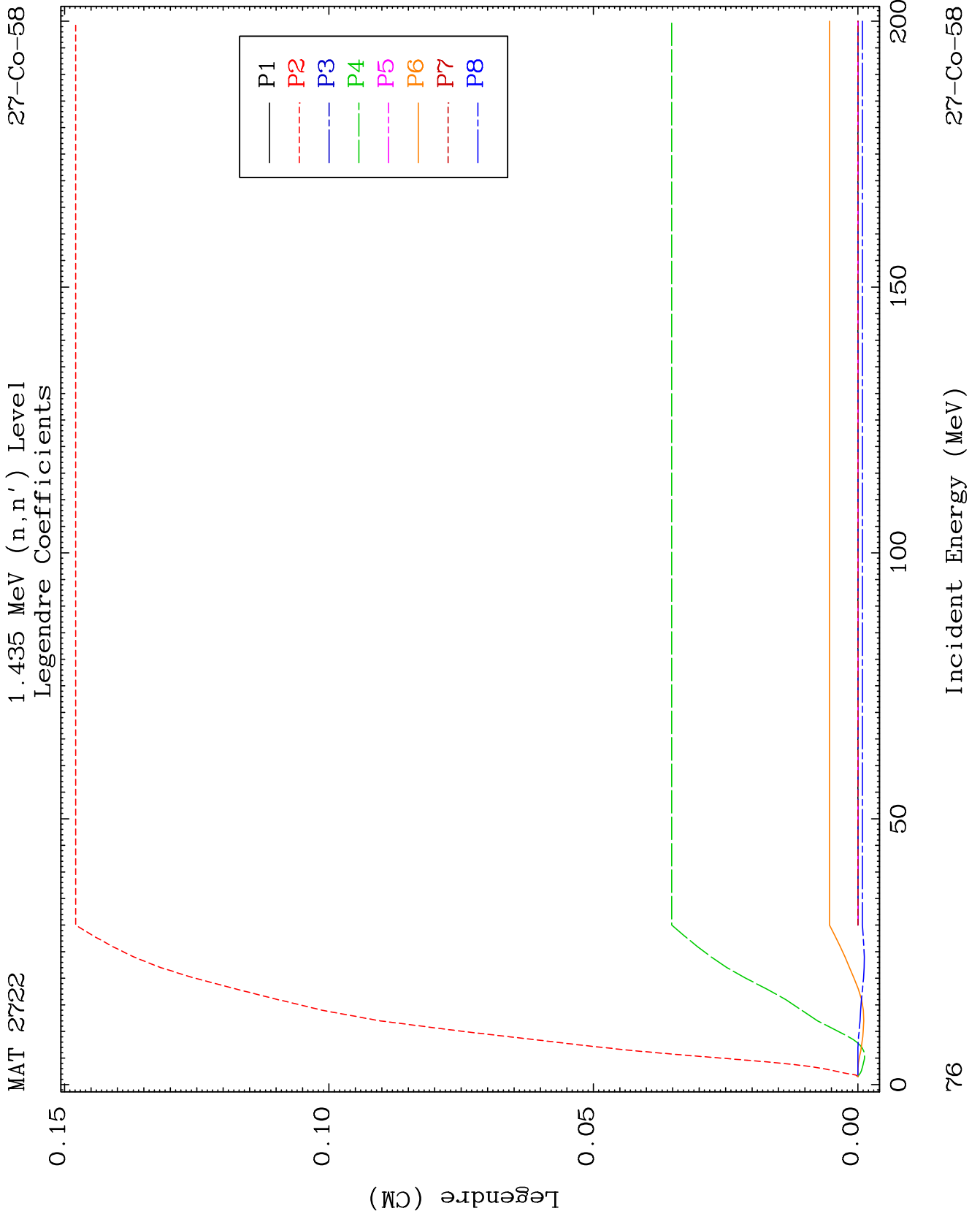
27-Co-58

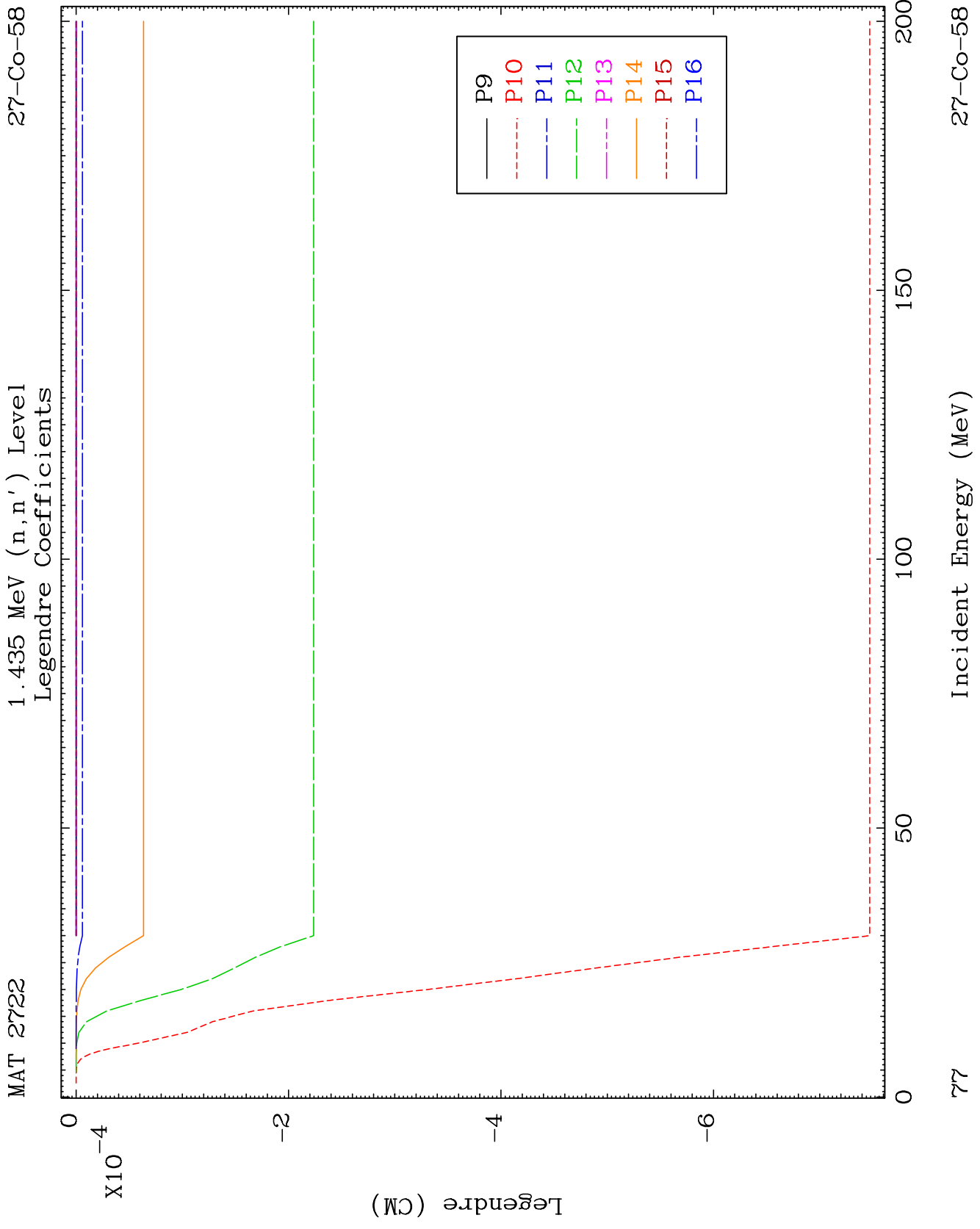


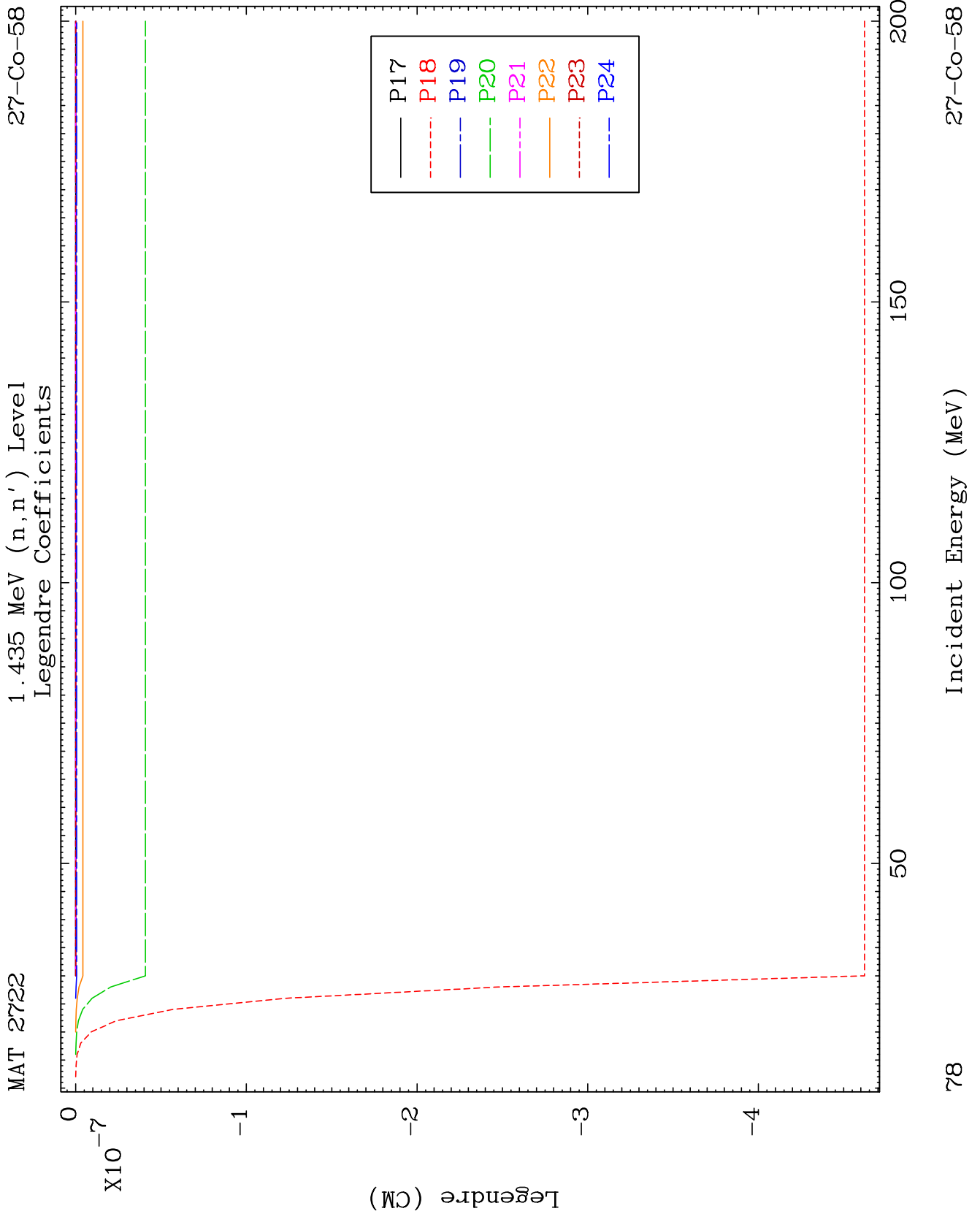
75

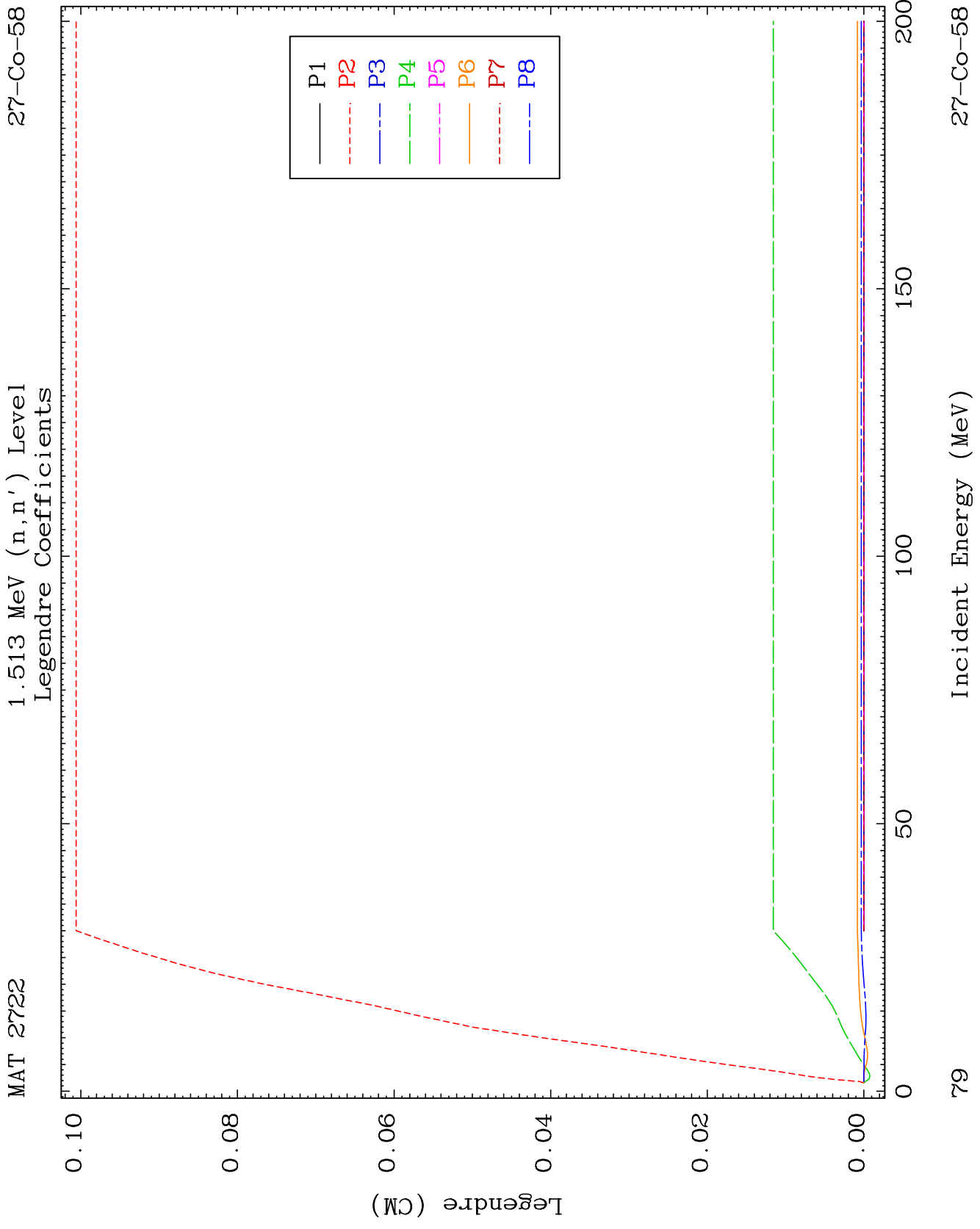
Incident Energy (MeV)

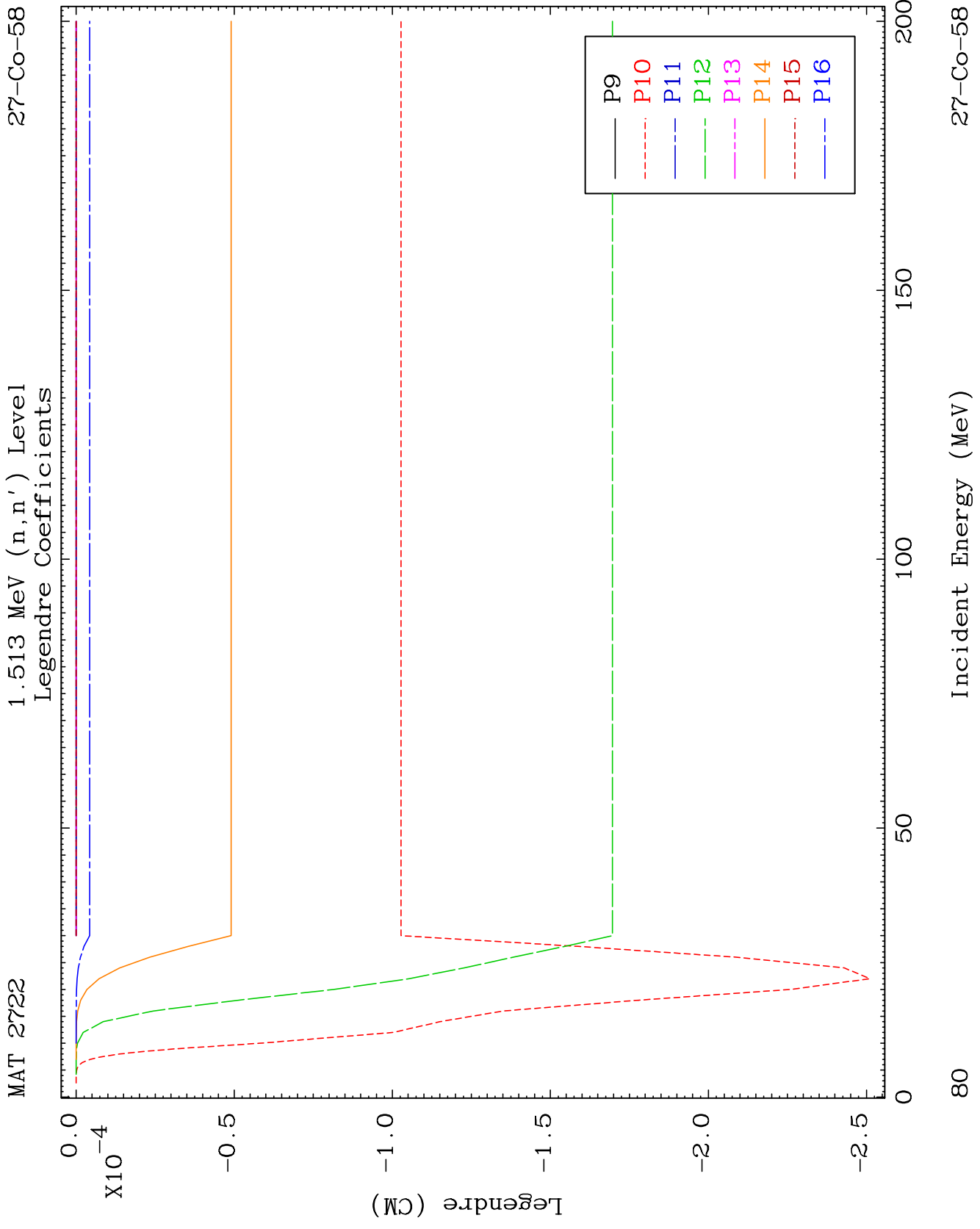
27-Co-58







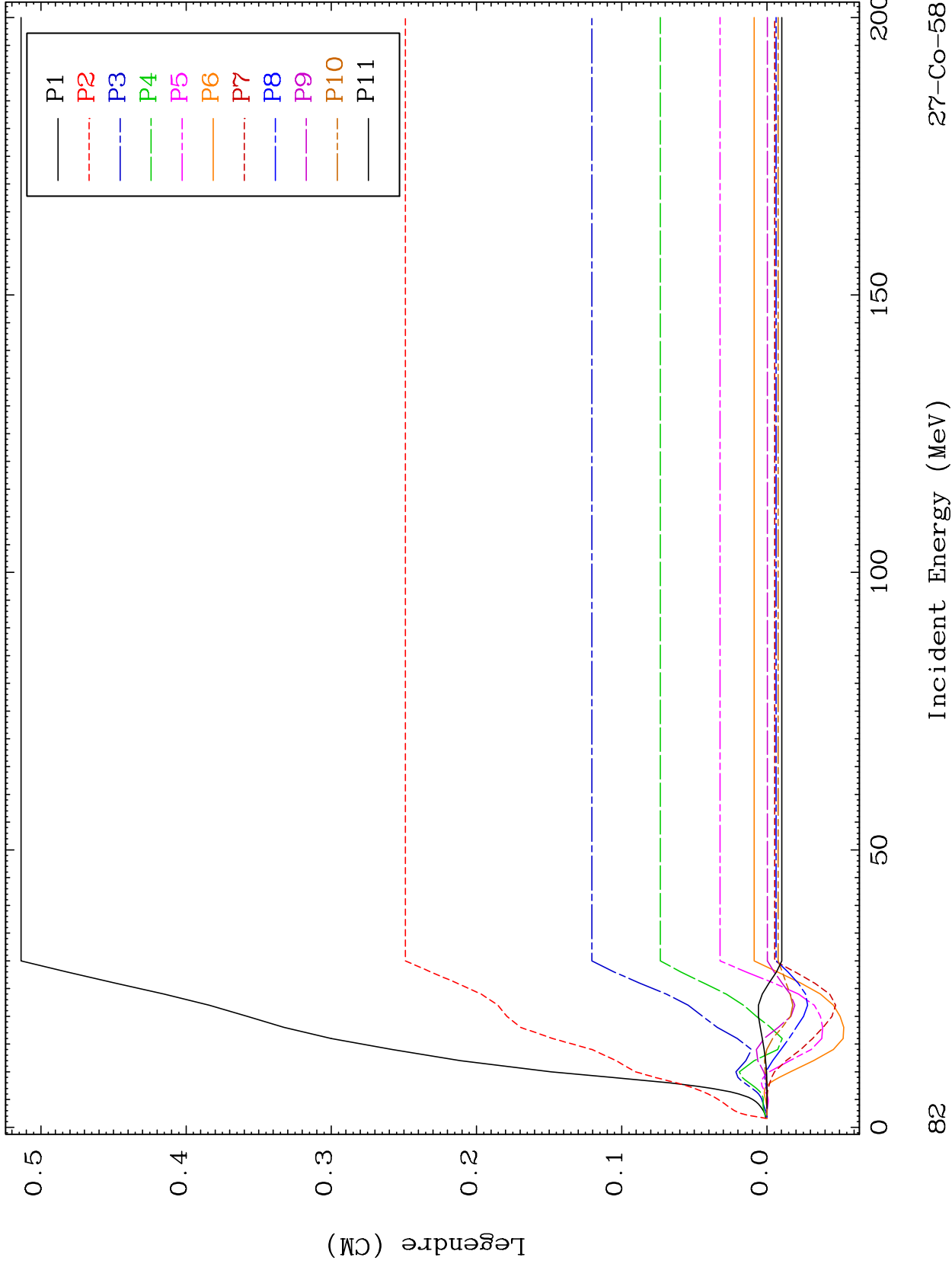




MAT 2722

1.523 MeV (n,n') Level
Legendre Coefficients

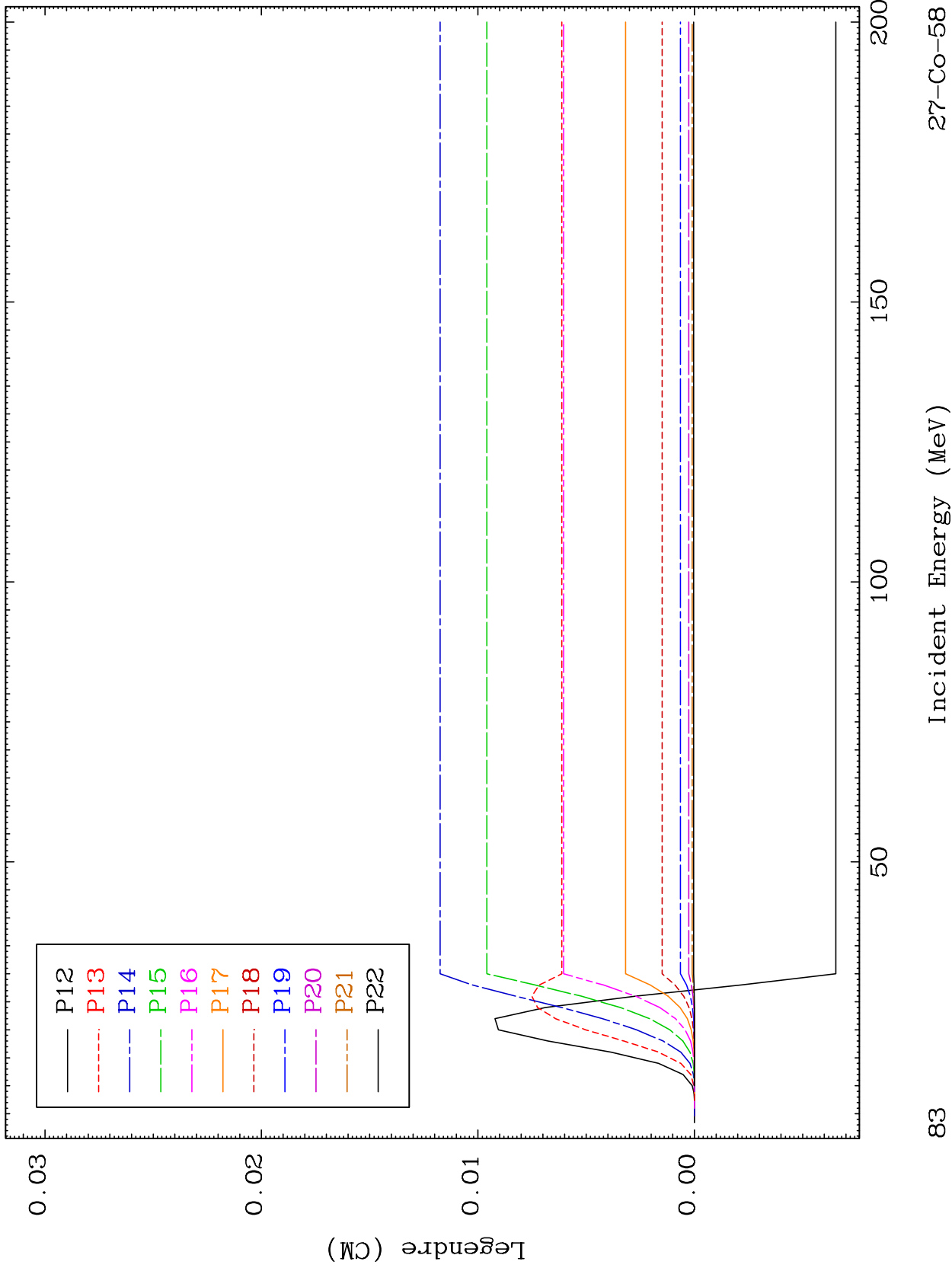
27-Co-58

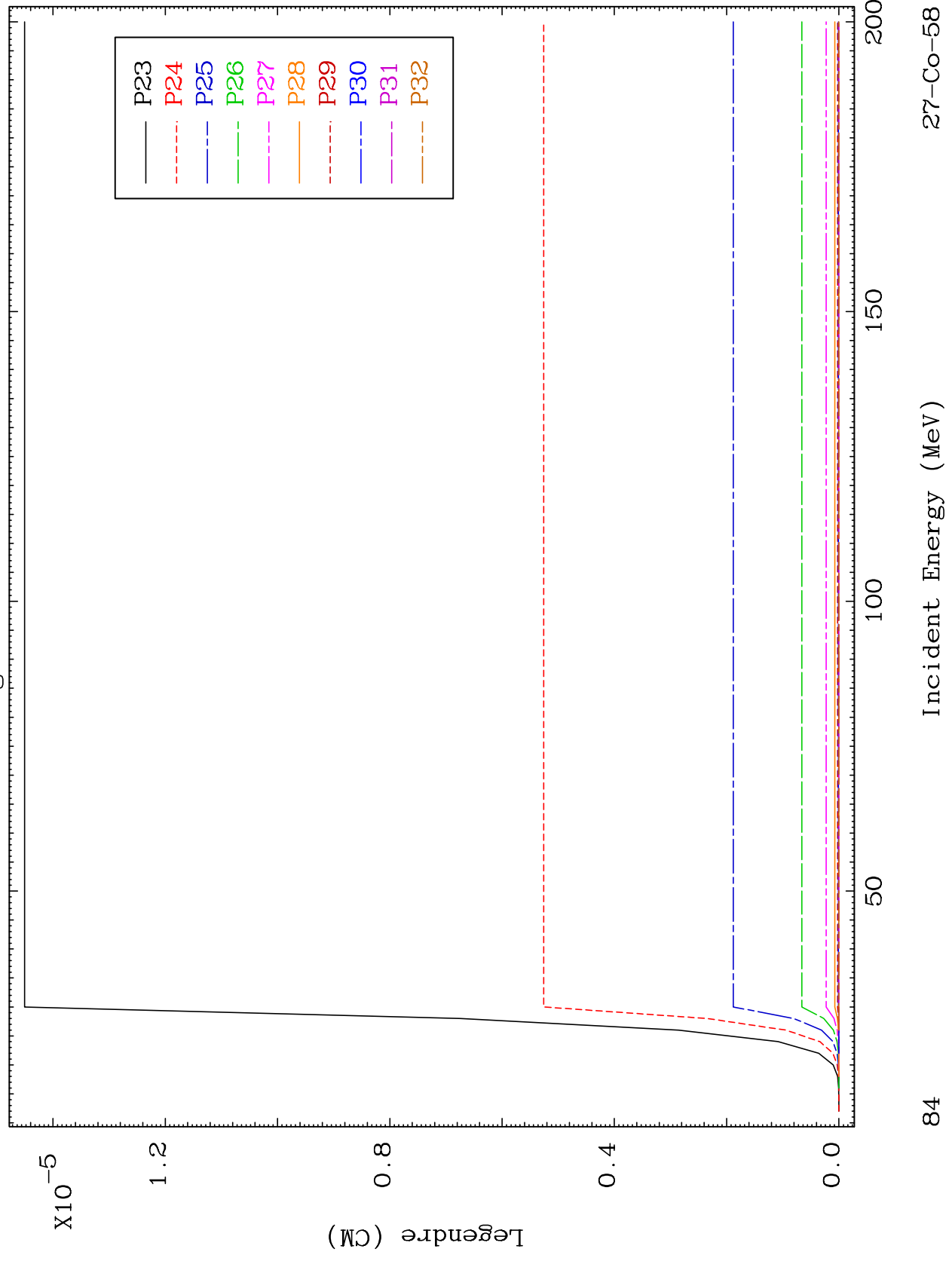


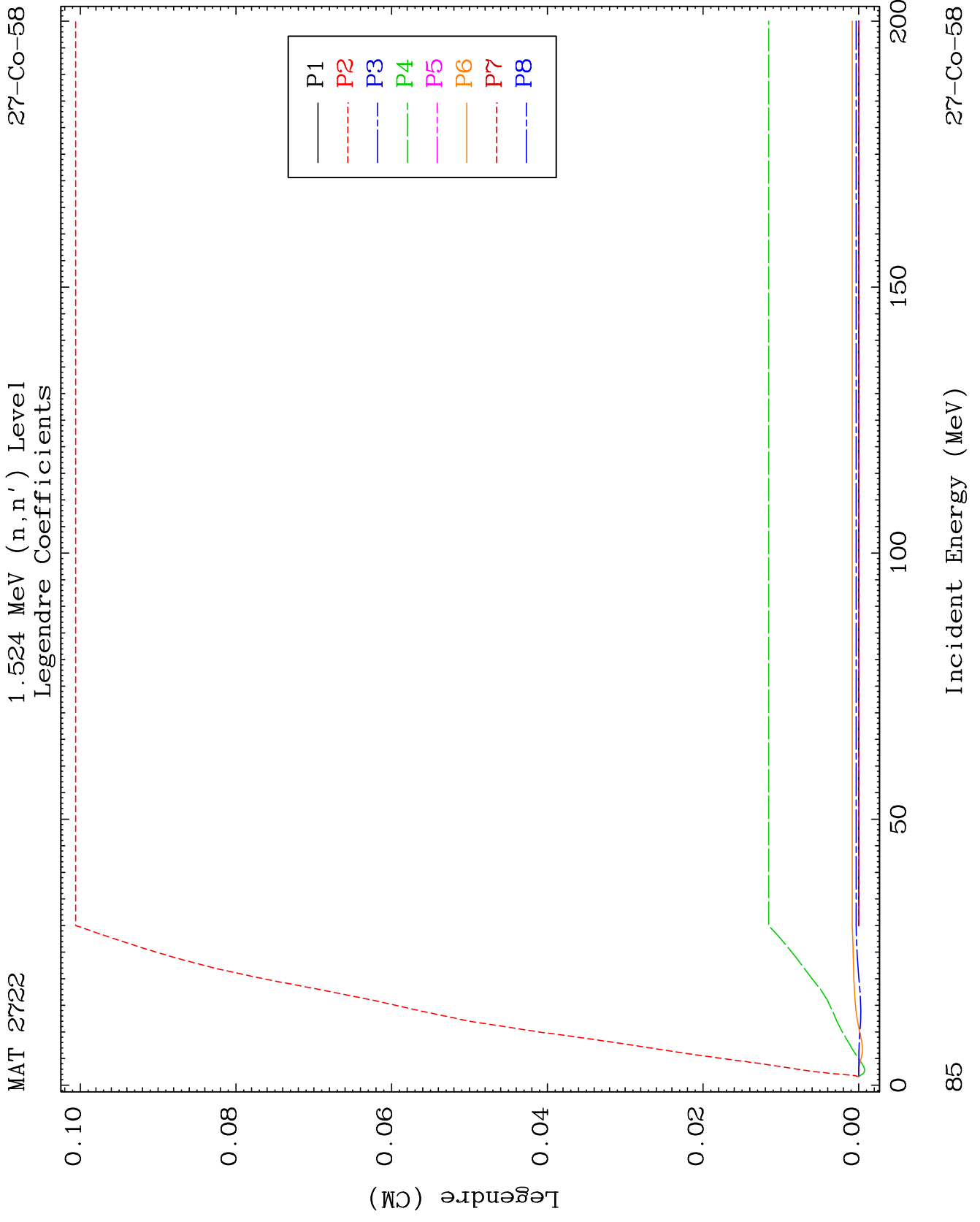
27-Co-58

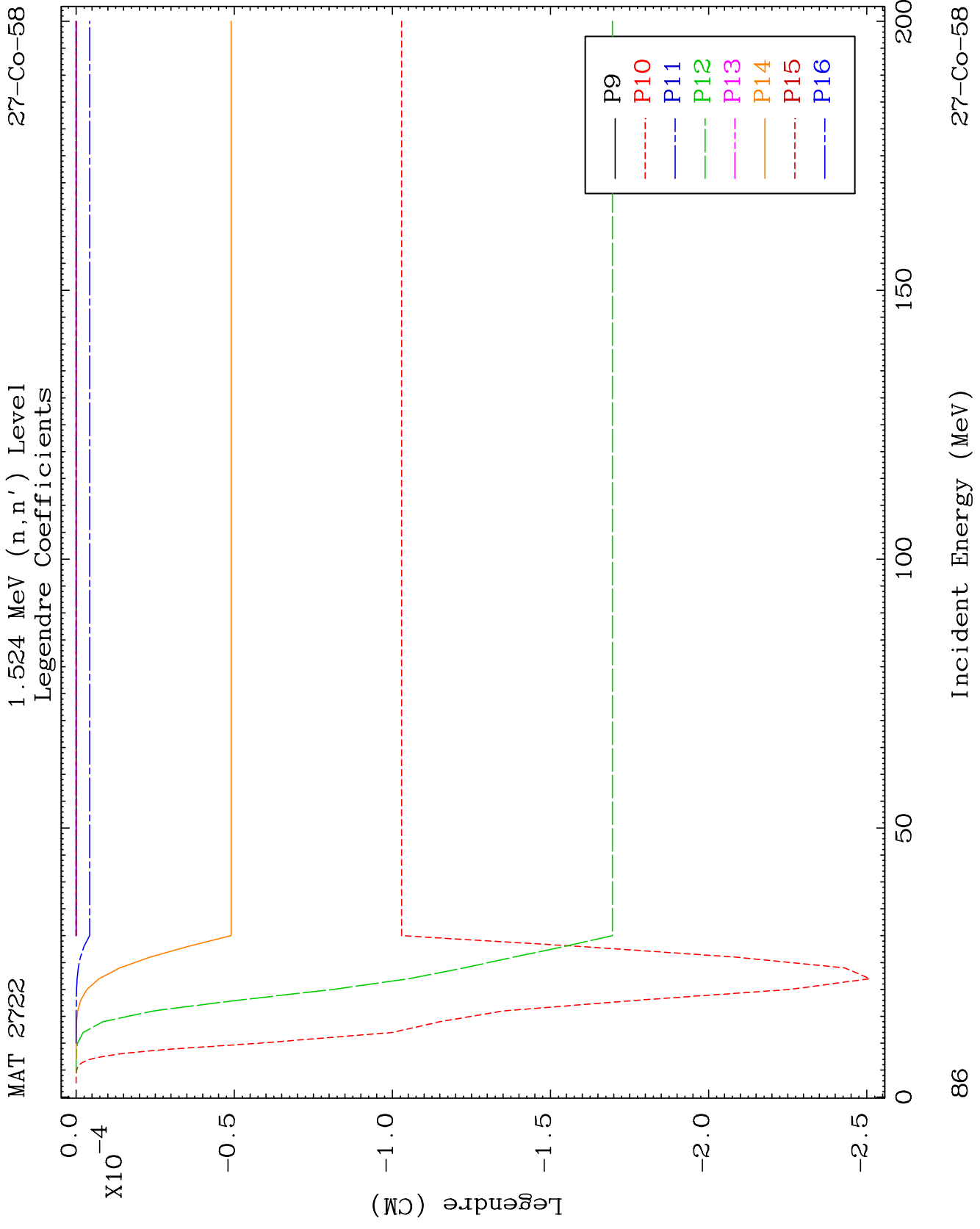
Incident Energy (MeV)

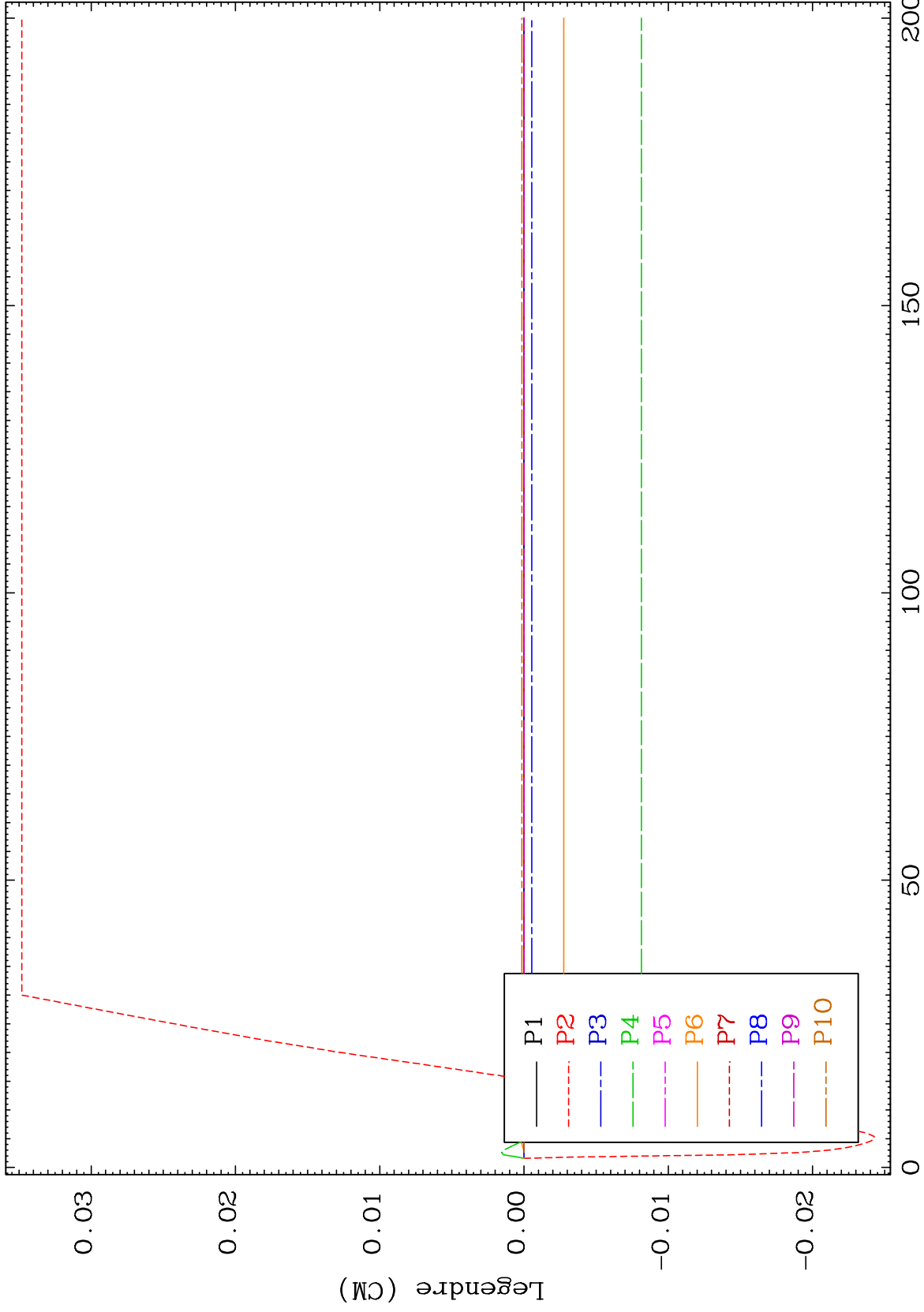
82

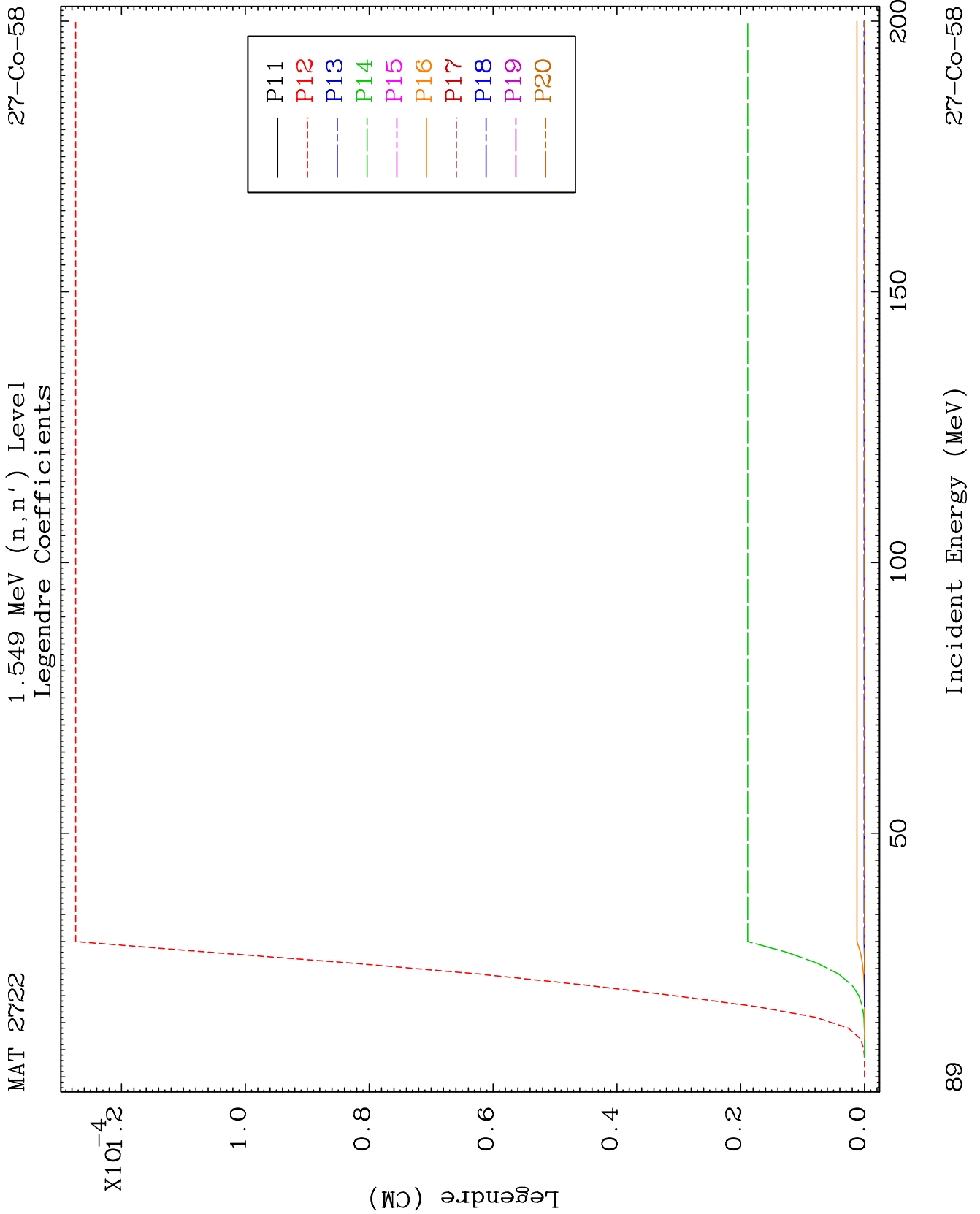


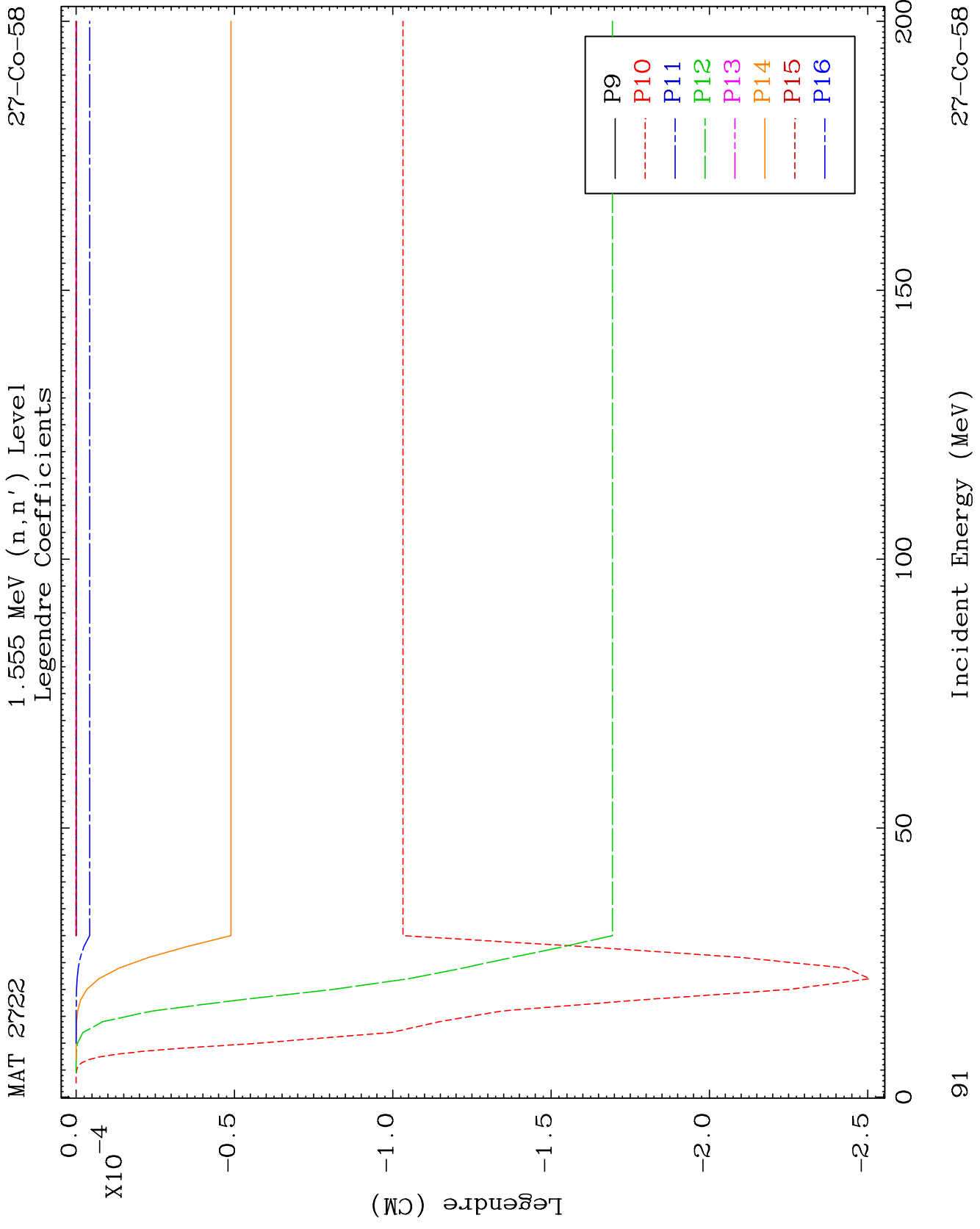


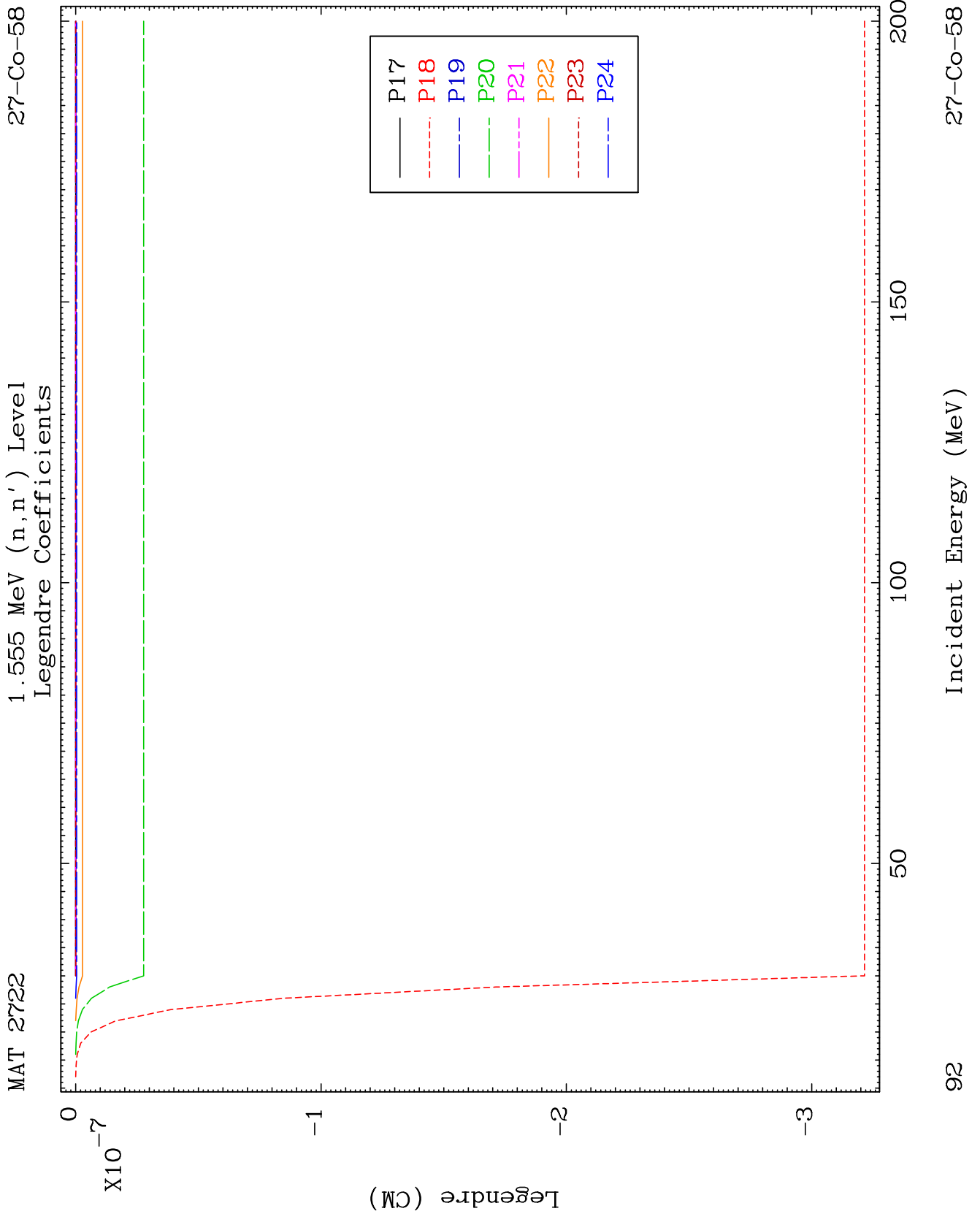


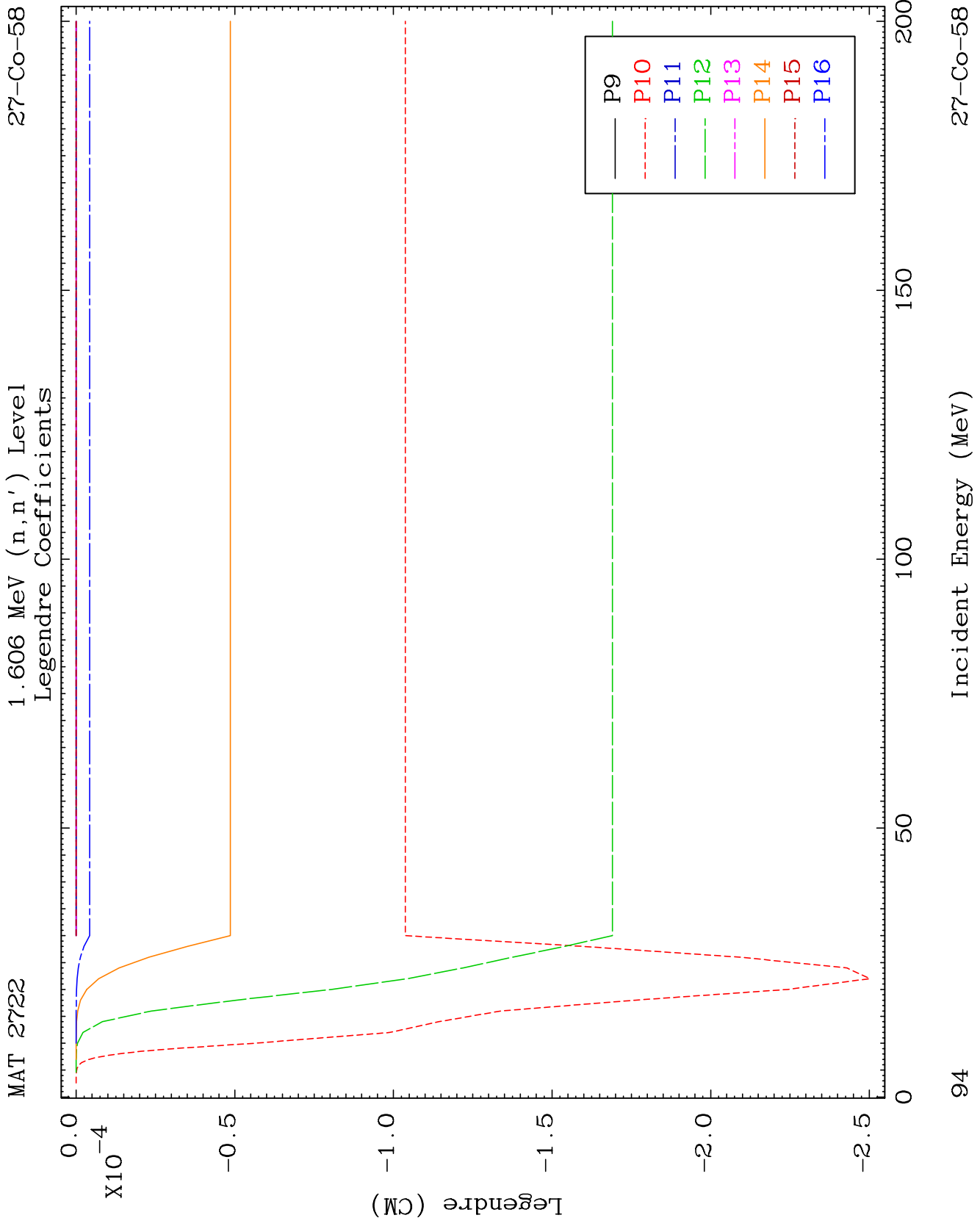


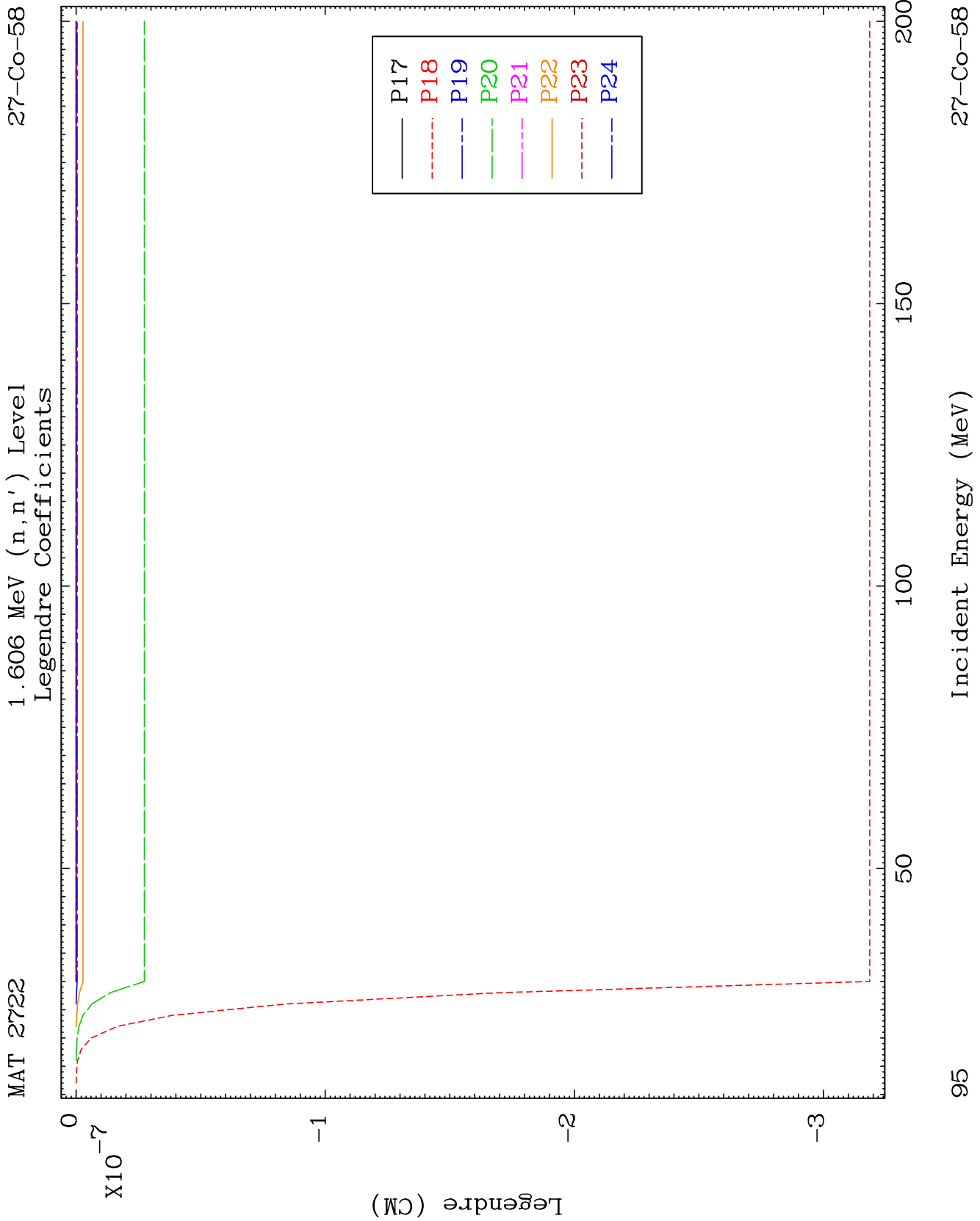


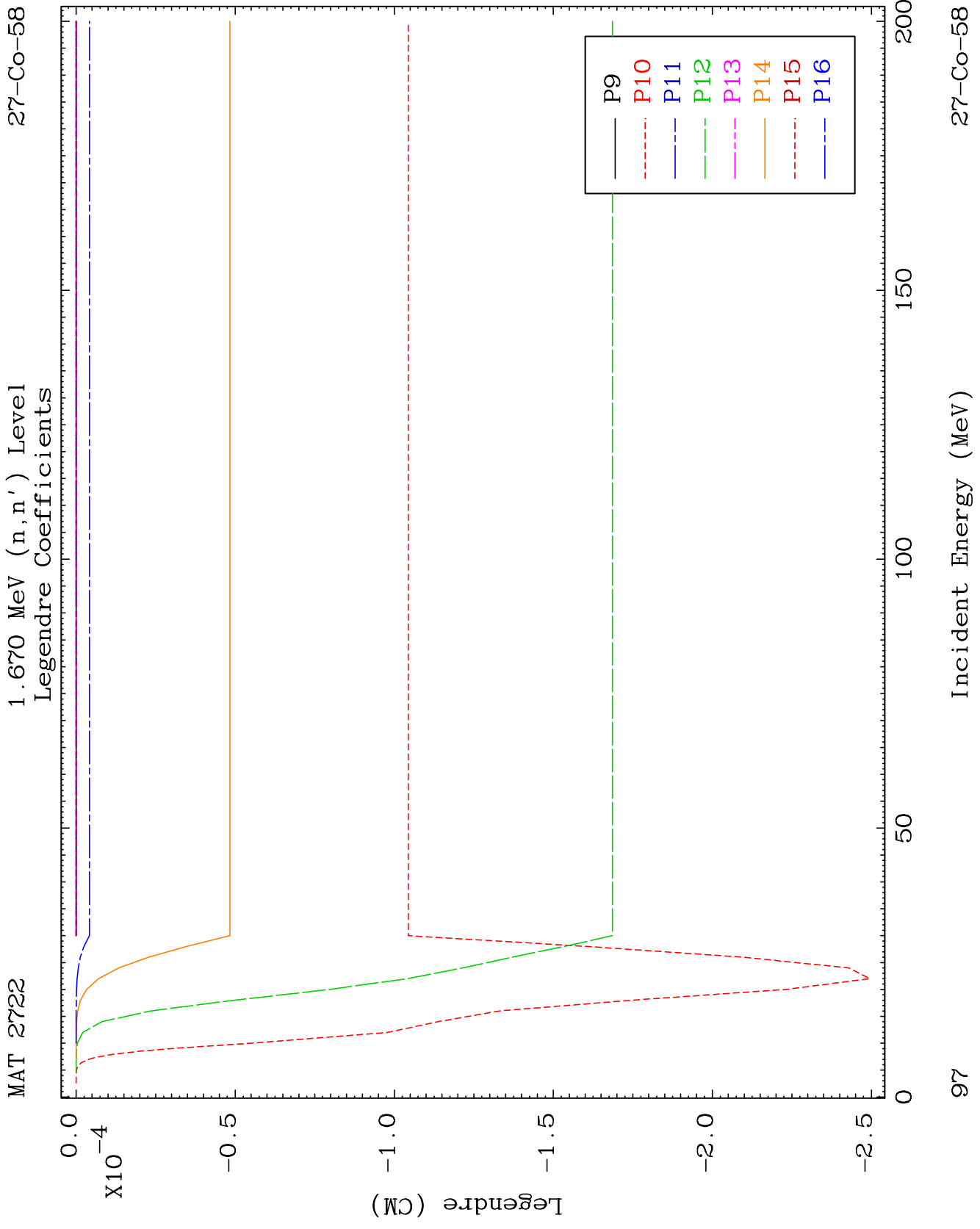


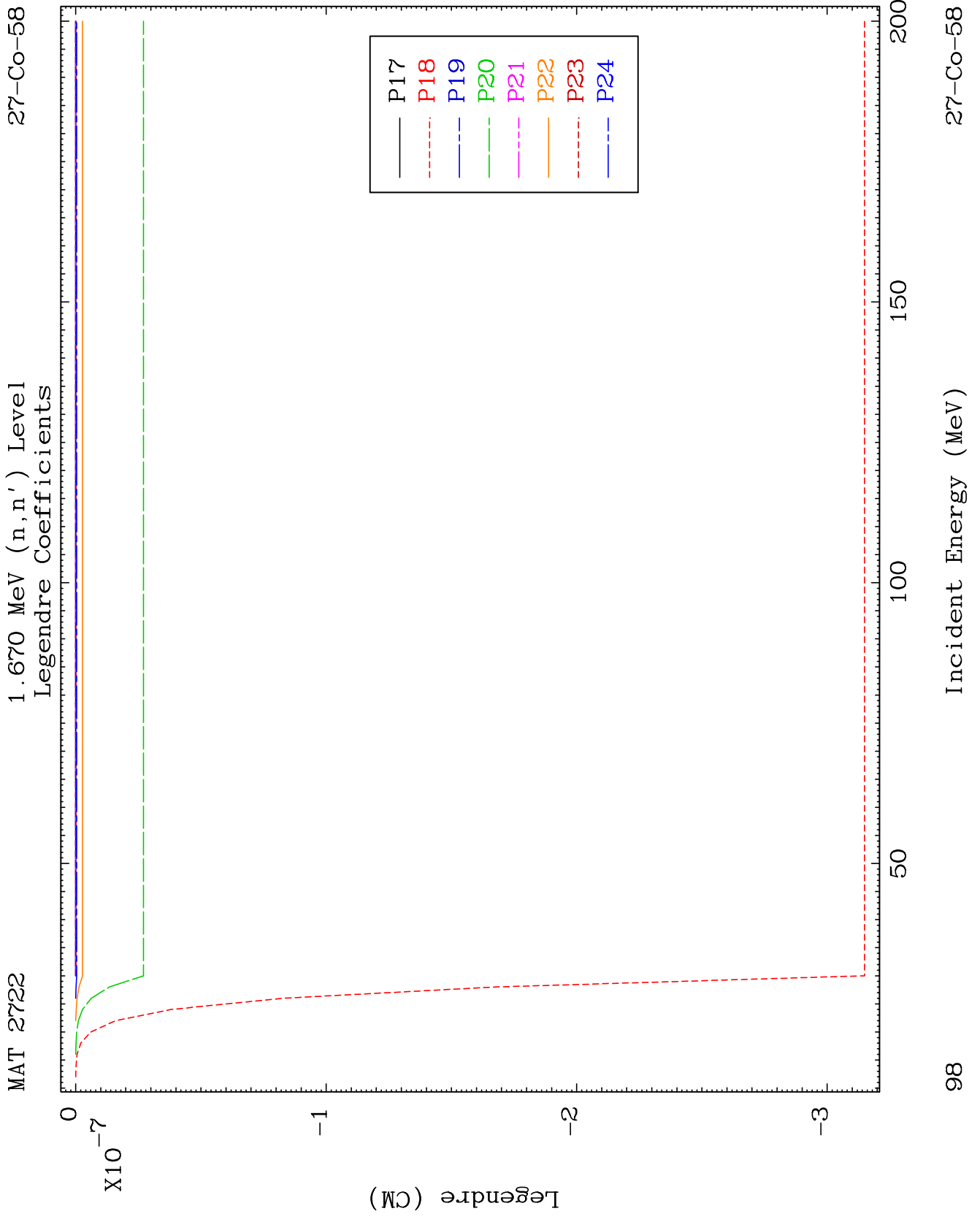


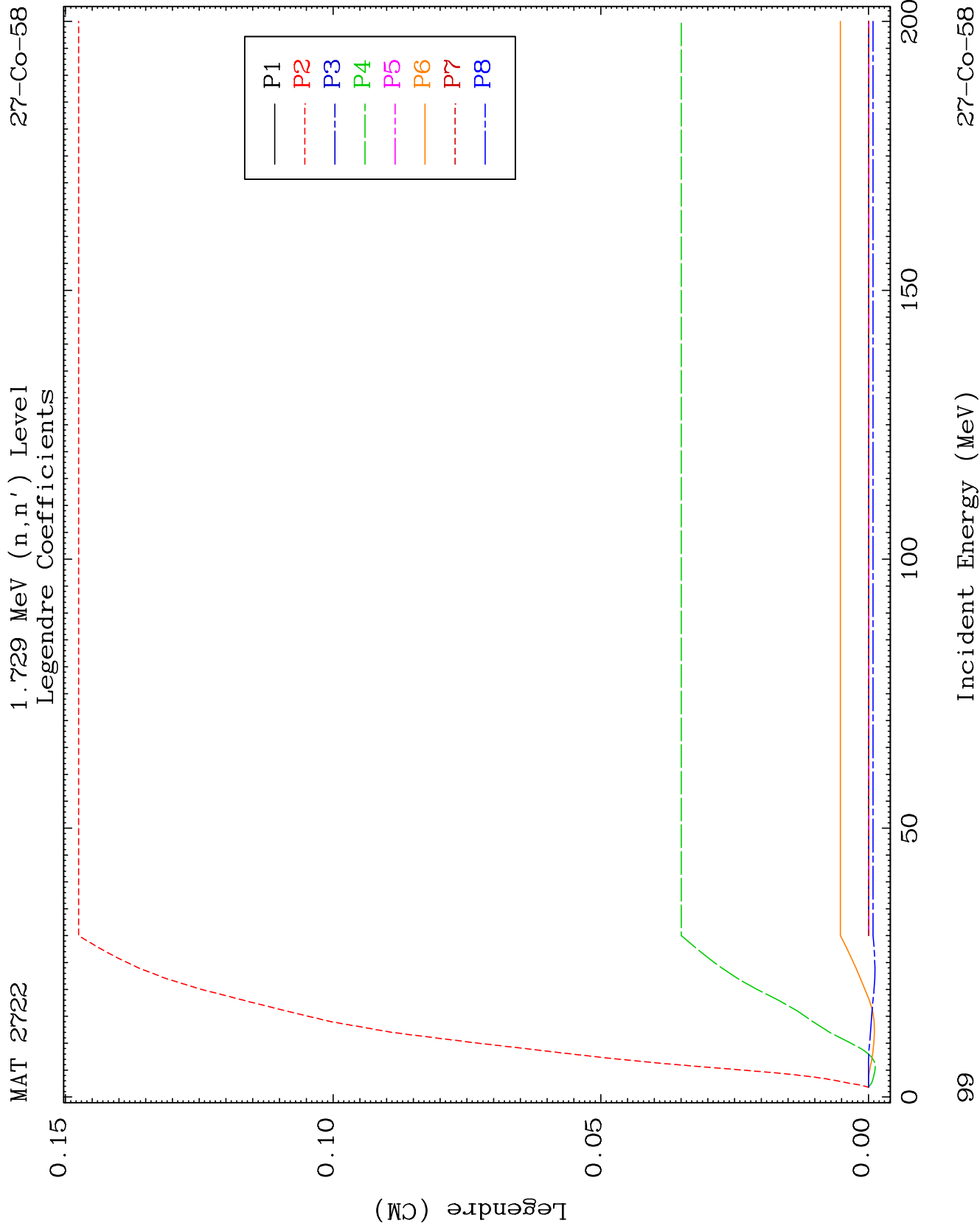


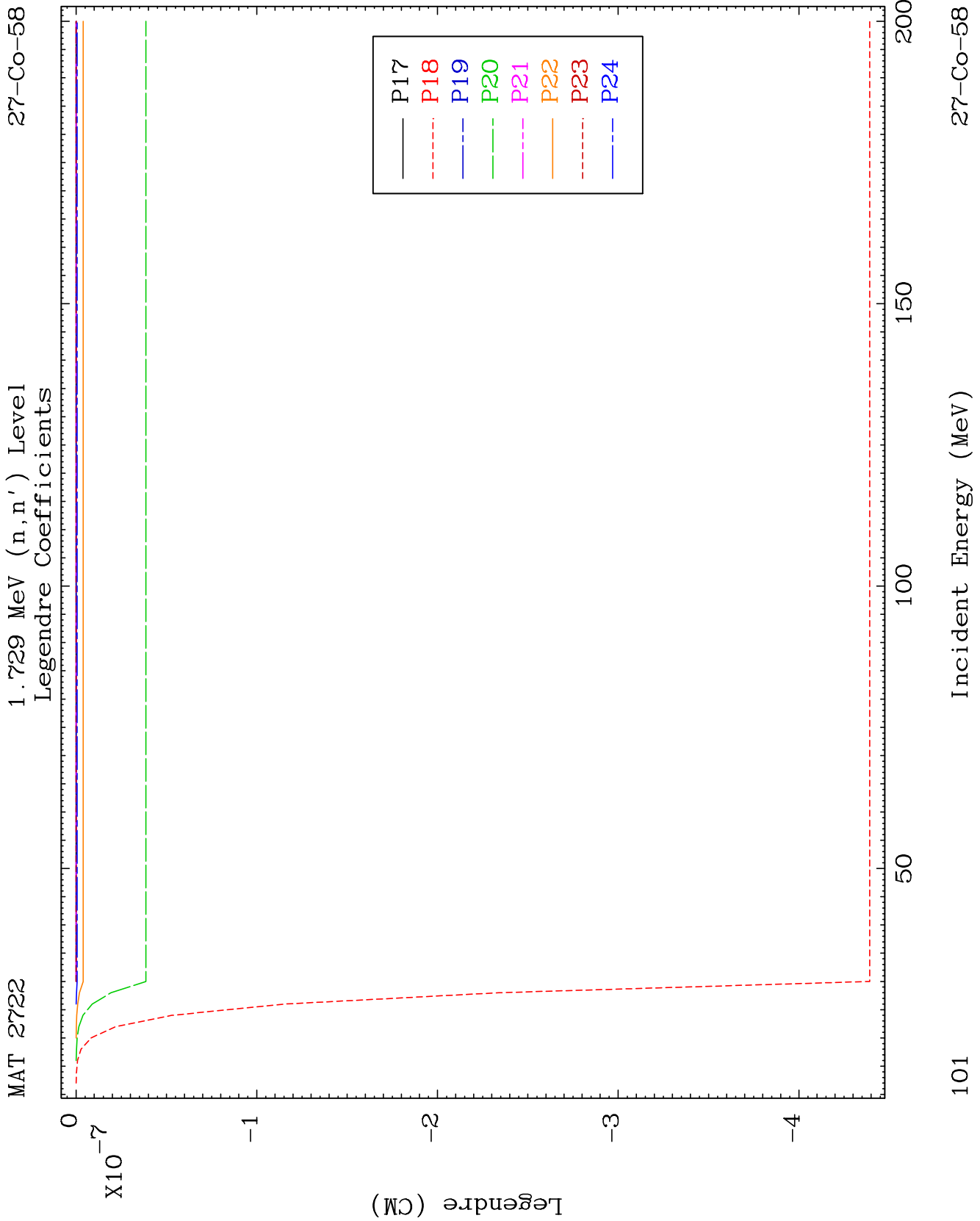








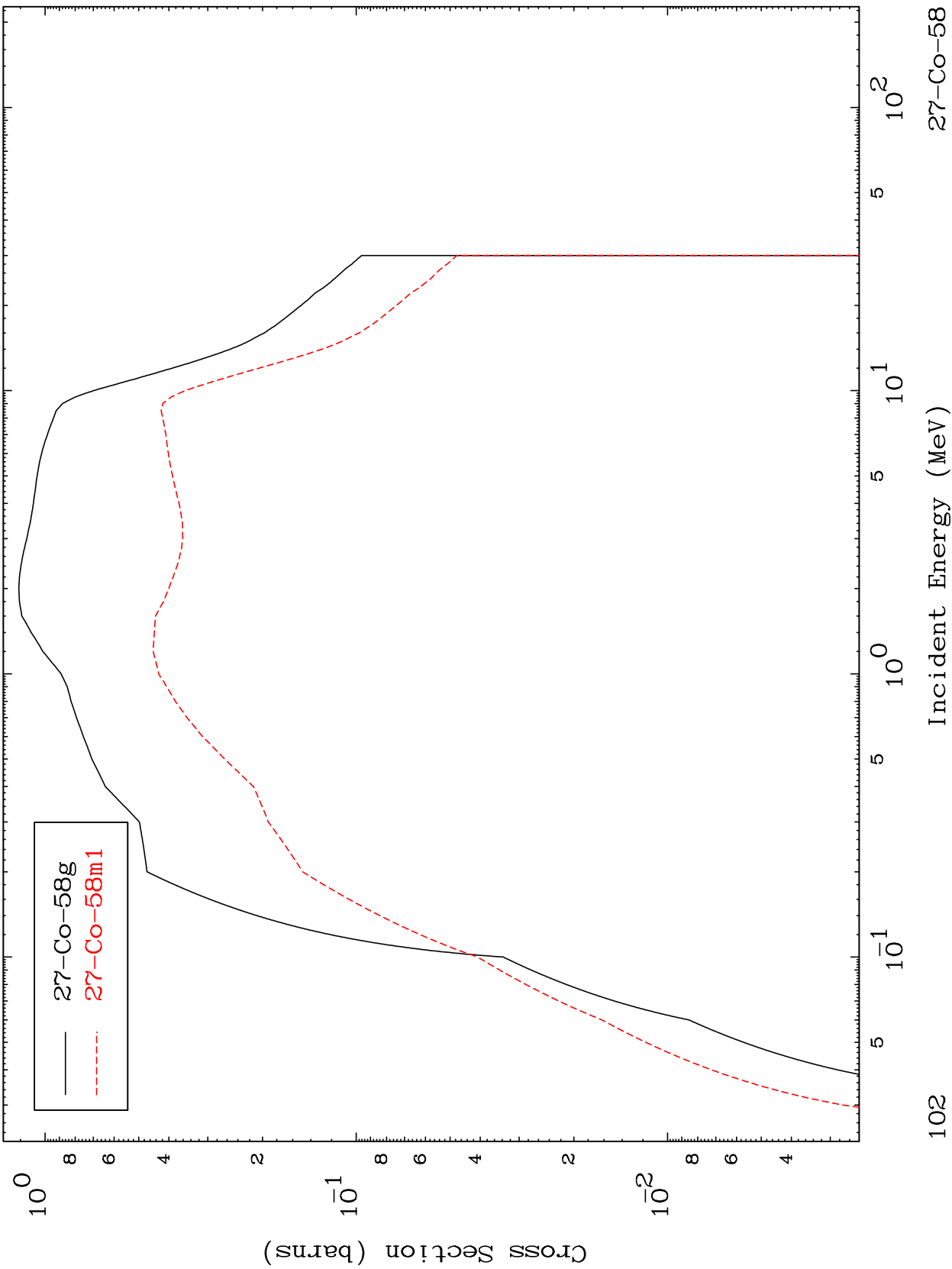




MAT 2722

²⁷Co-58

Radionuclide Production Cross Section



— 27-Co-58g
- - - 27-Co-58m1

102

²⁷Co-58