

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

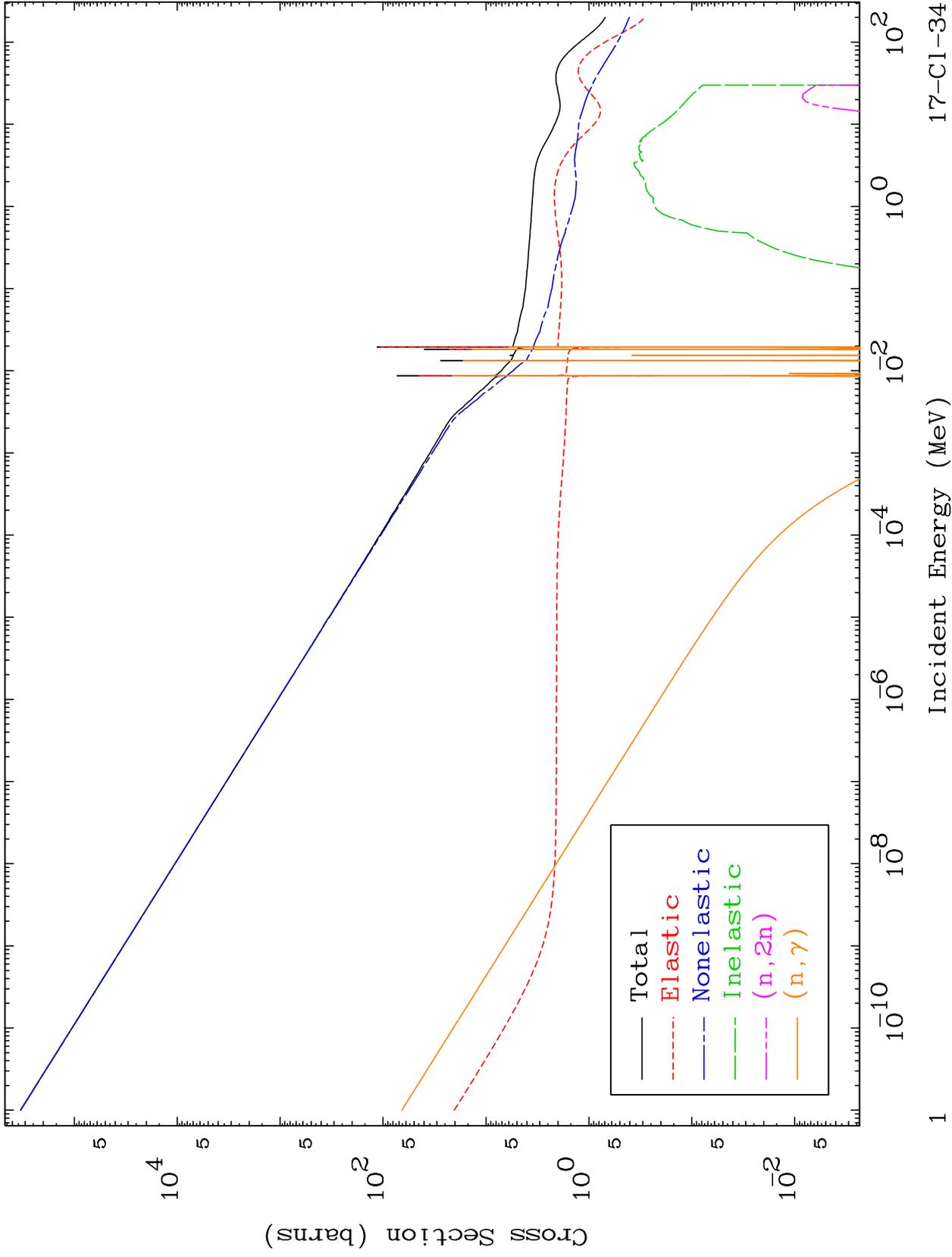
Web:redcullen1.net/HOMEPAGE.NEW

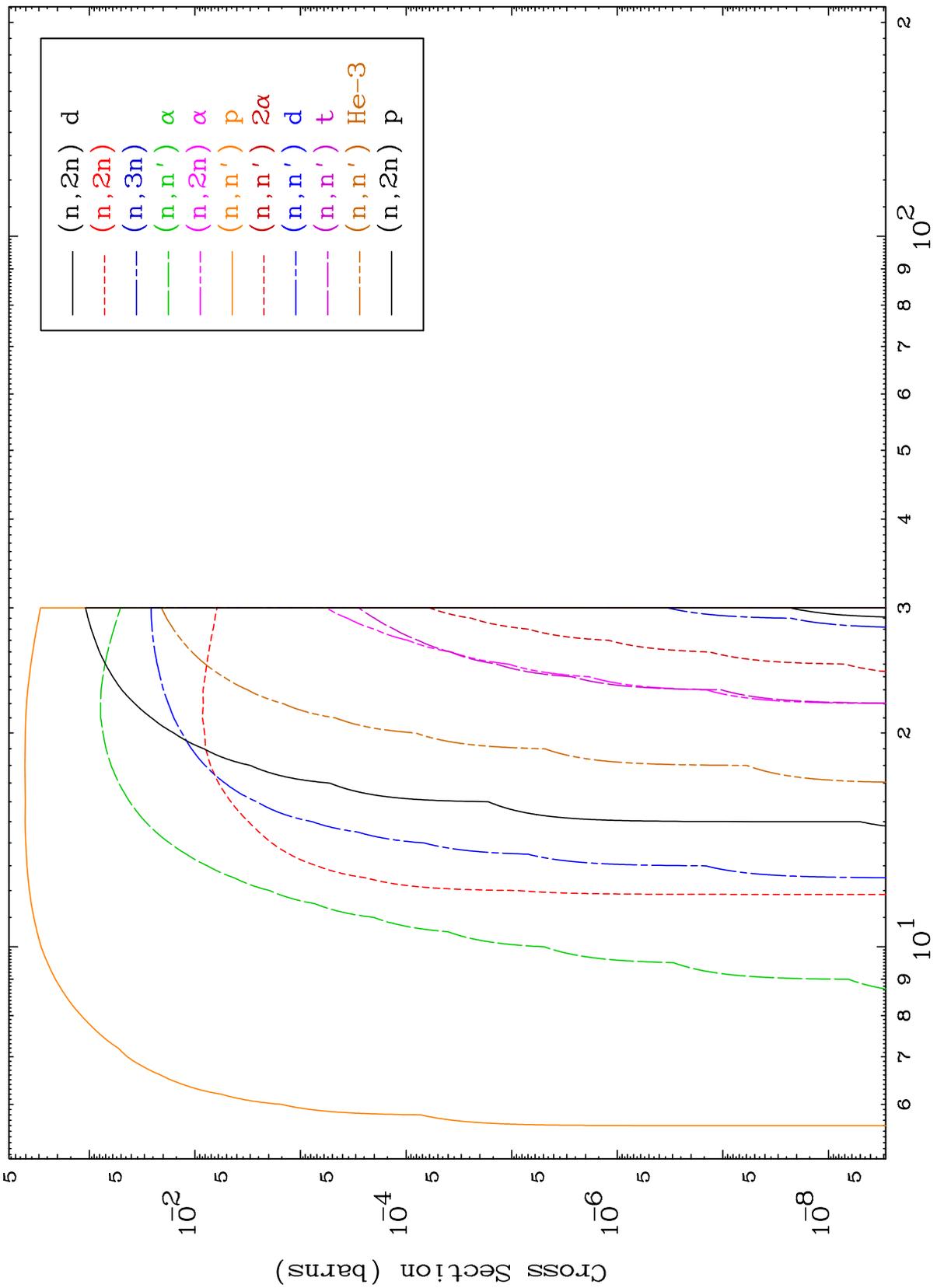
Press Mouse Button to Start

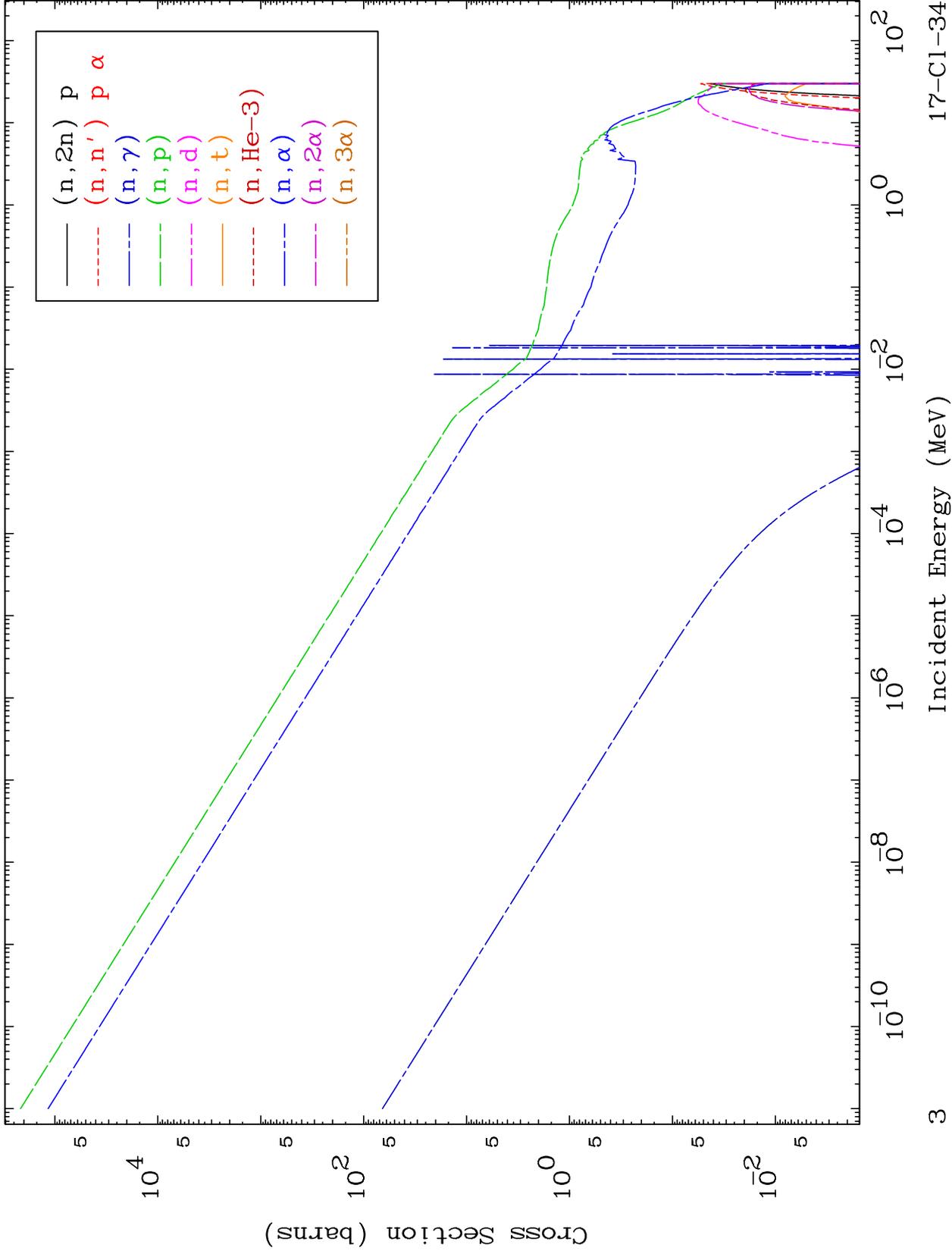
MAT 1722

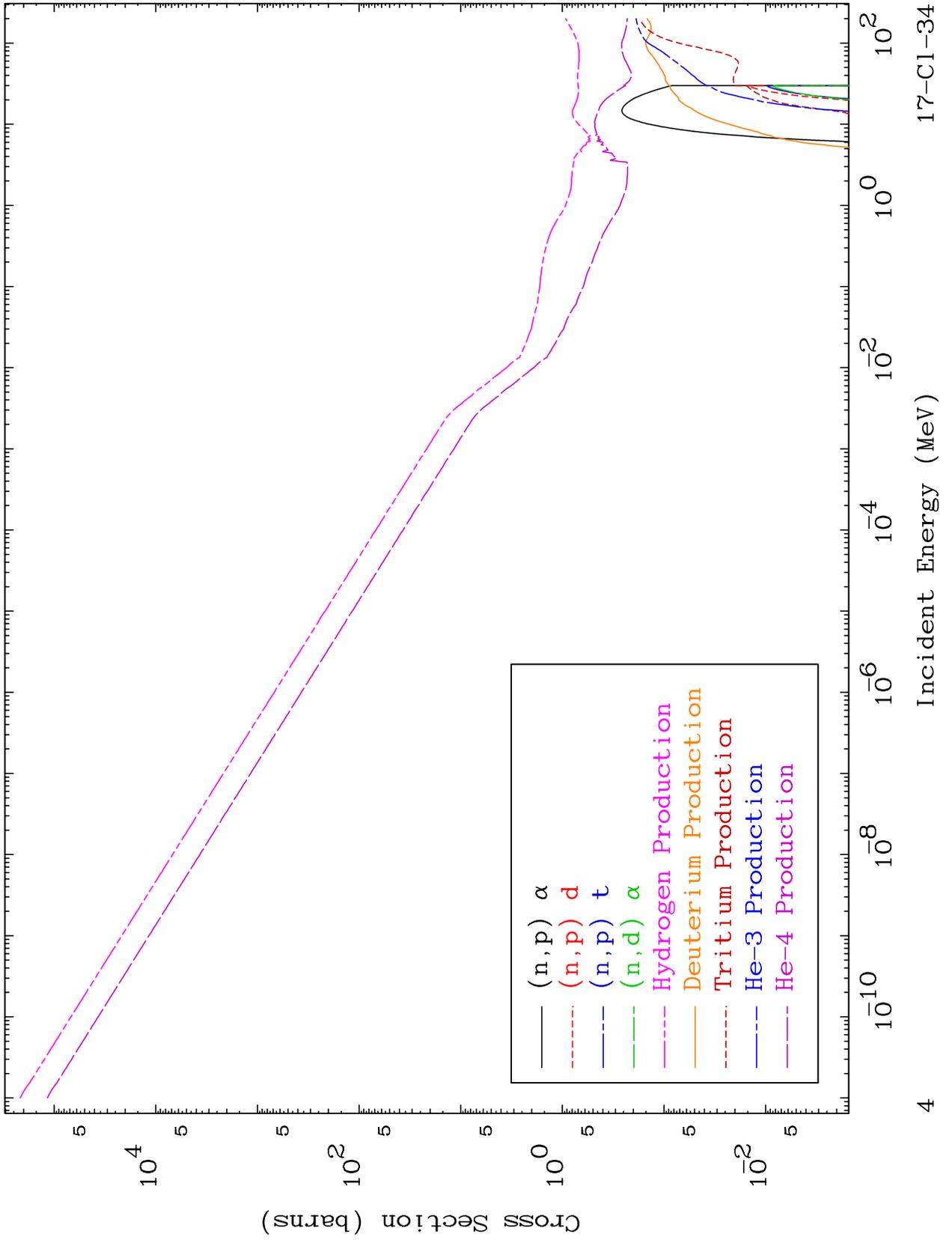
Neutron Major
293 Kelvin Cross Sections

17-Cl-34





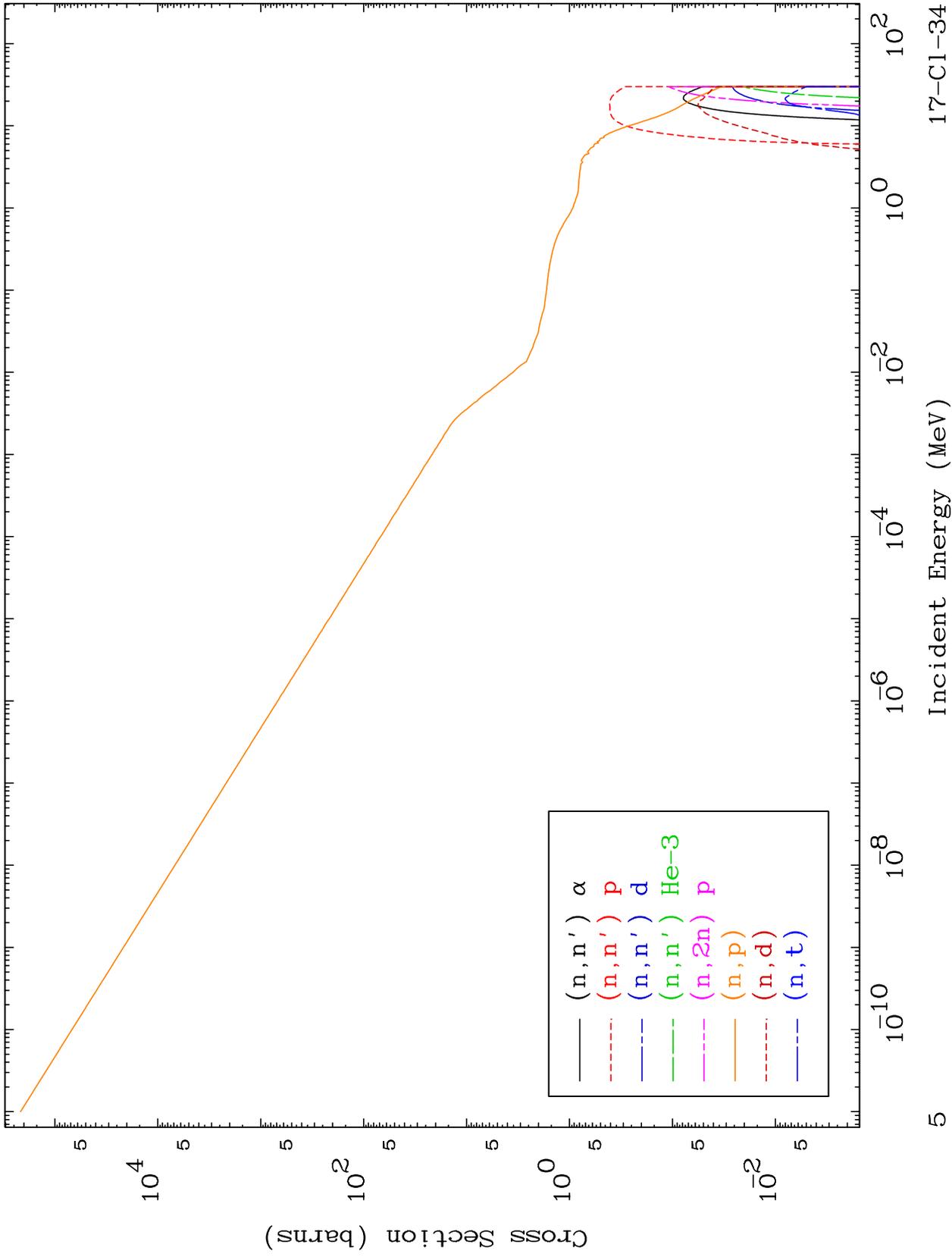




MAT 1722

Charged Particle
293 Kelvin Cross Sections

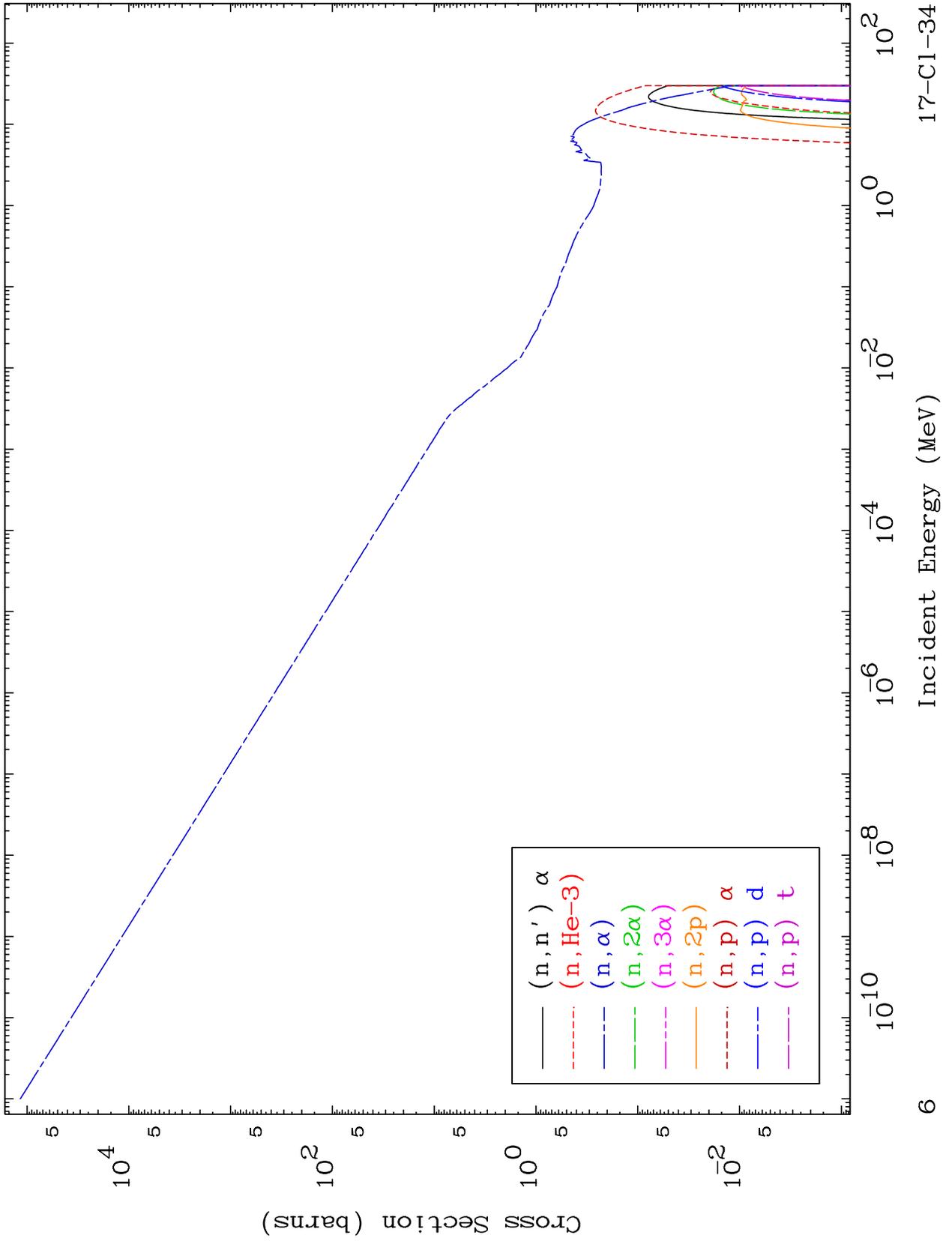
17-Cl-34



MAT 1722

Charged Particle
293 Kelvin Cross Sections

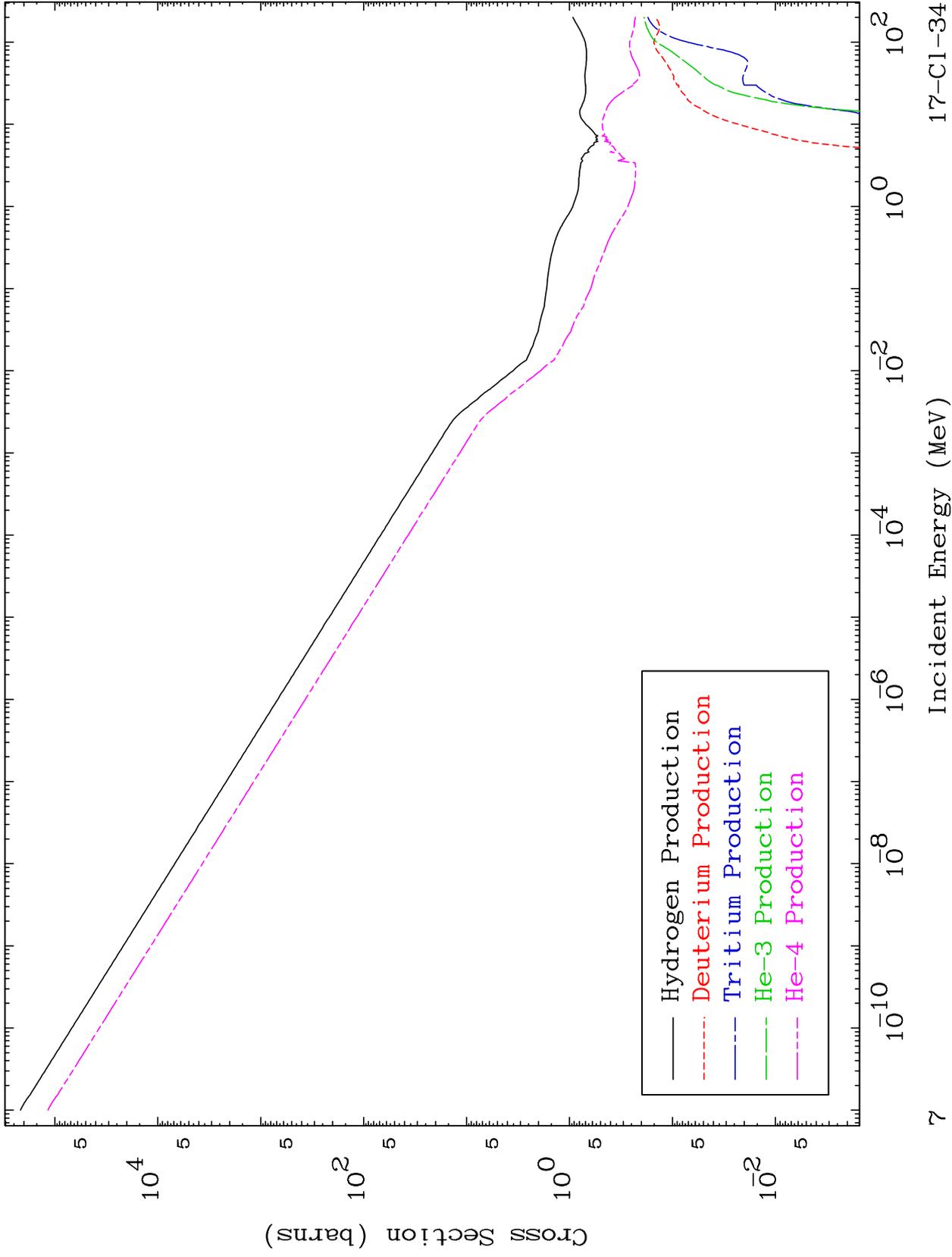
17-Cl-34



MAT 1722

Particle Production
293 Kelvin Cross Sections

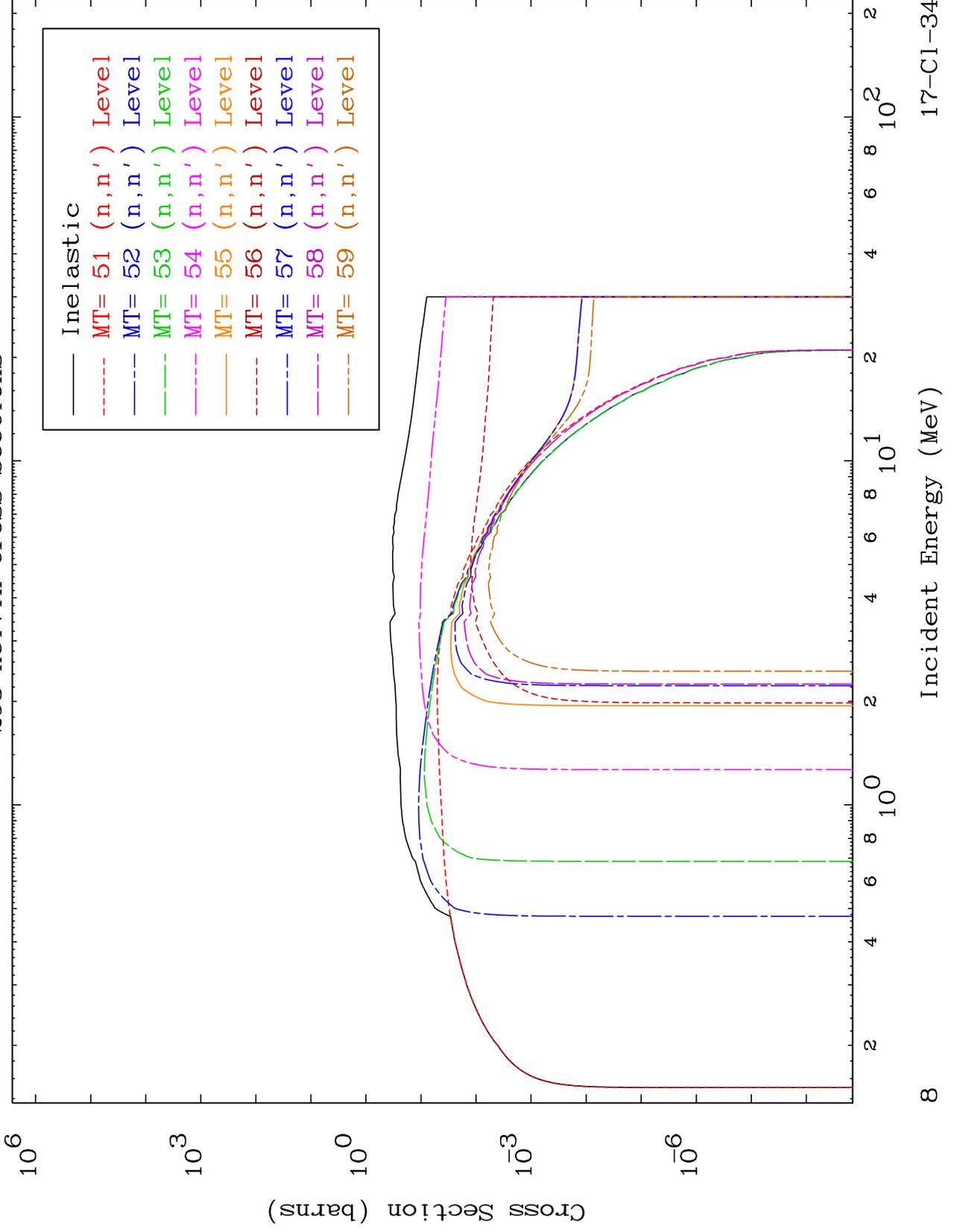
17-Cl-34

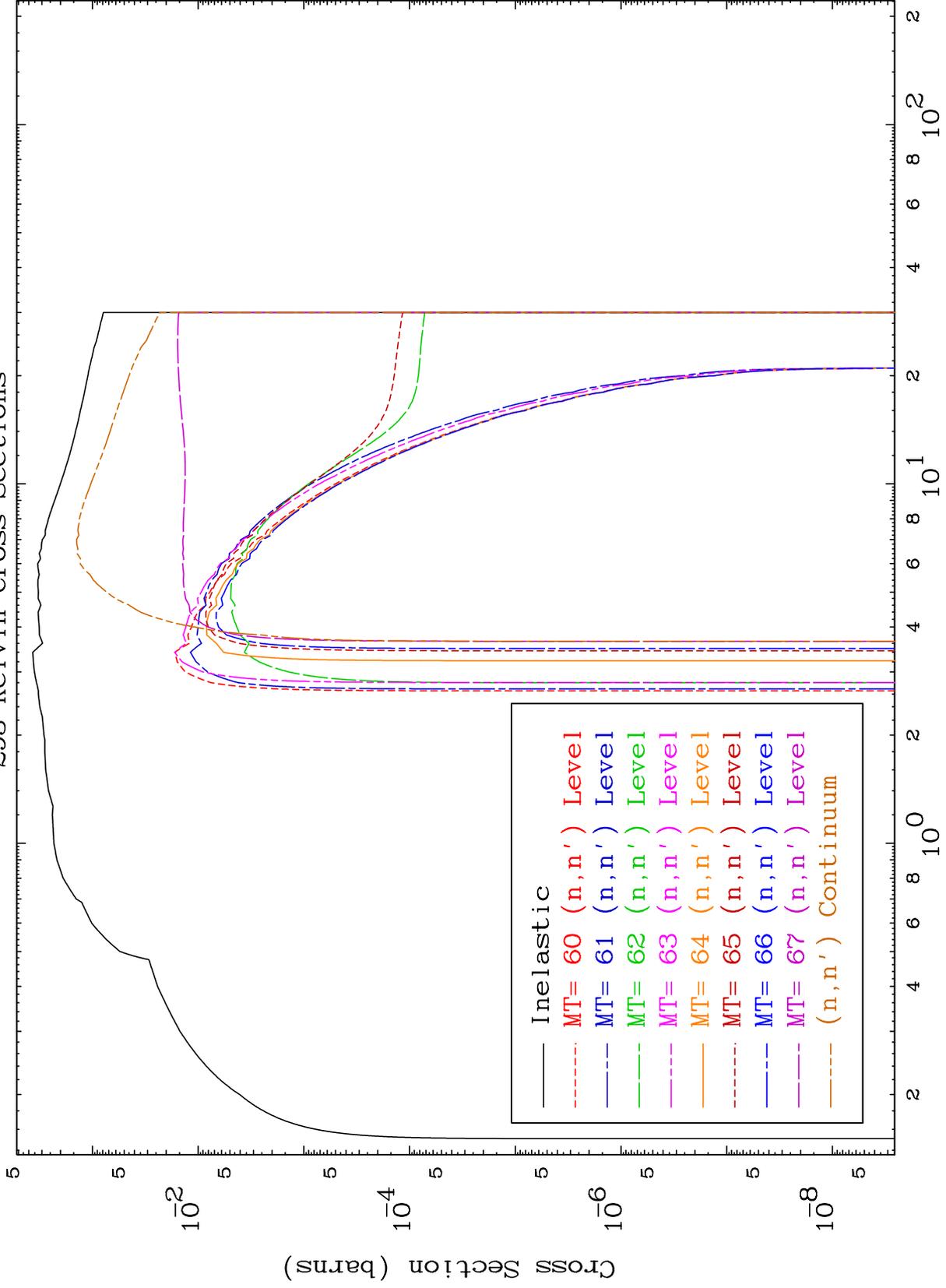


MAT 1722

(n,n') Levels
293 Kelvin Cross Sections

17-Cl-34

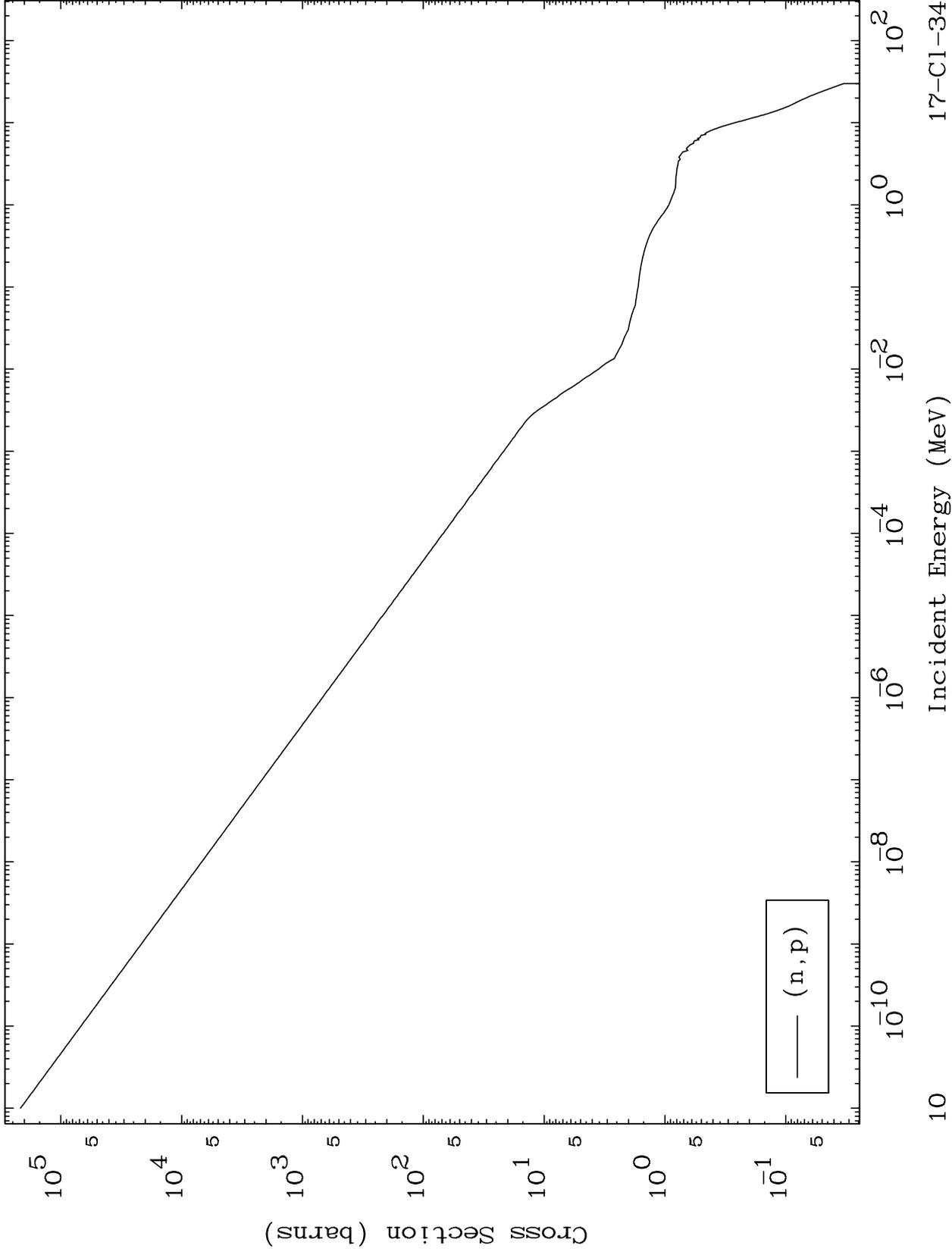


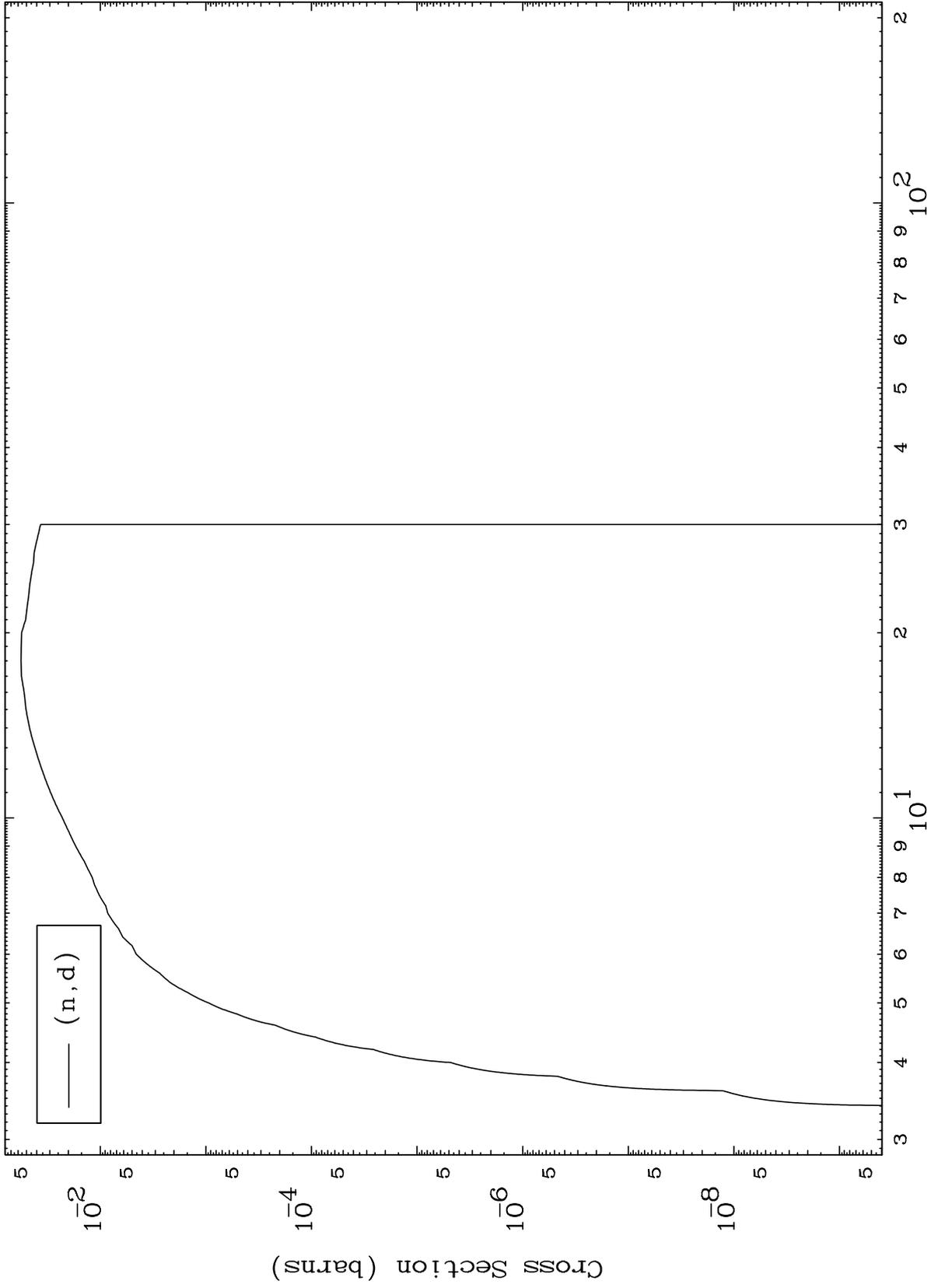


MAT 1722

(n,p) Levels
293 Kelvin Cross Sections

17-Cl-34

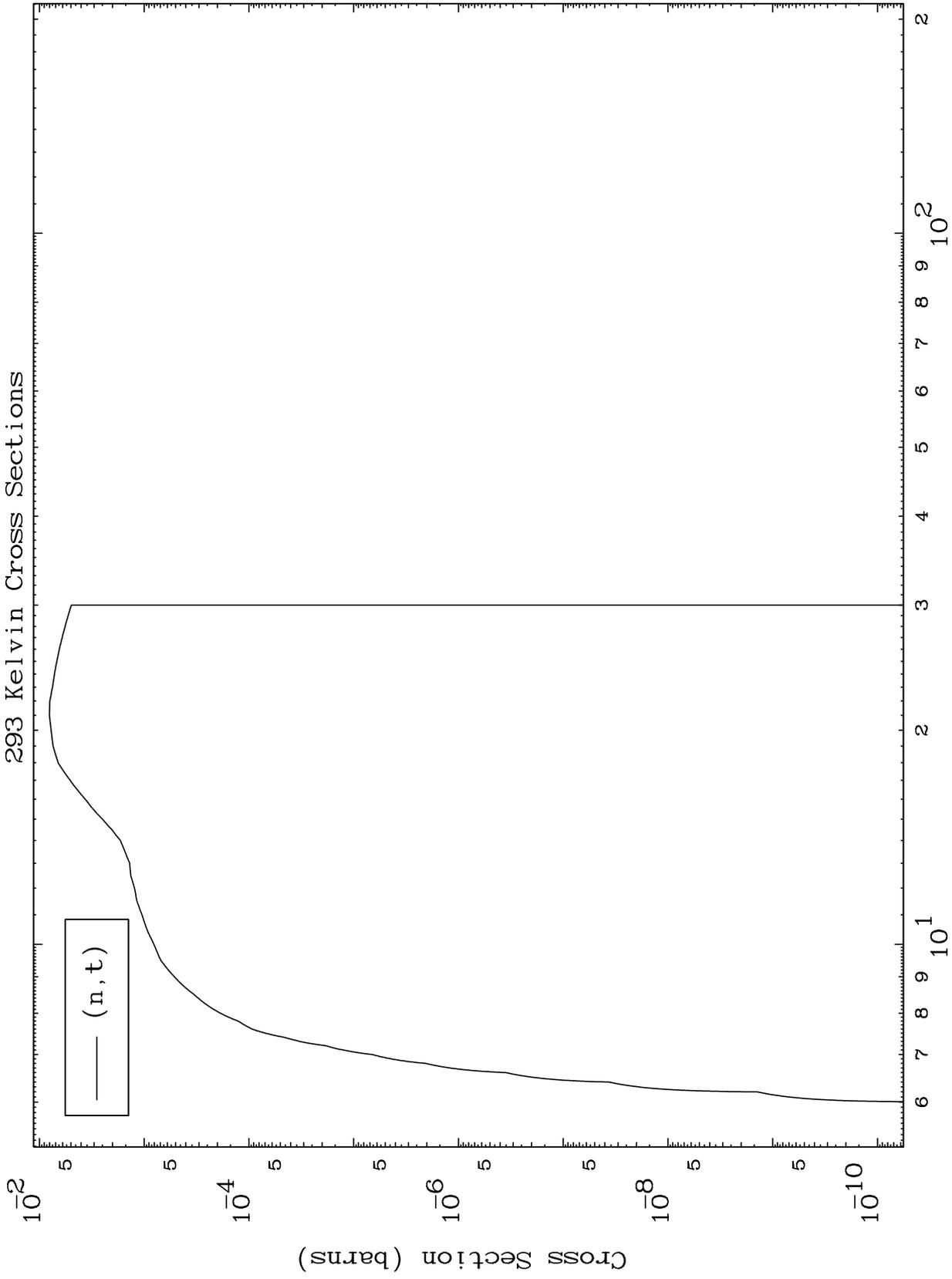




MAT 1722

(n,t) Levels
293 Kelvin Cross Sections

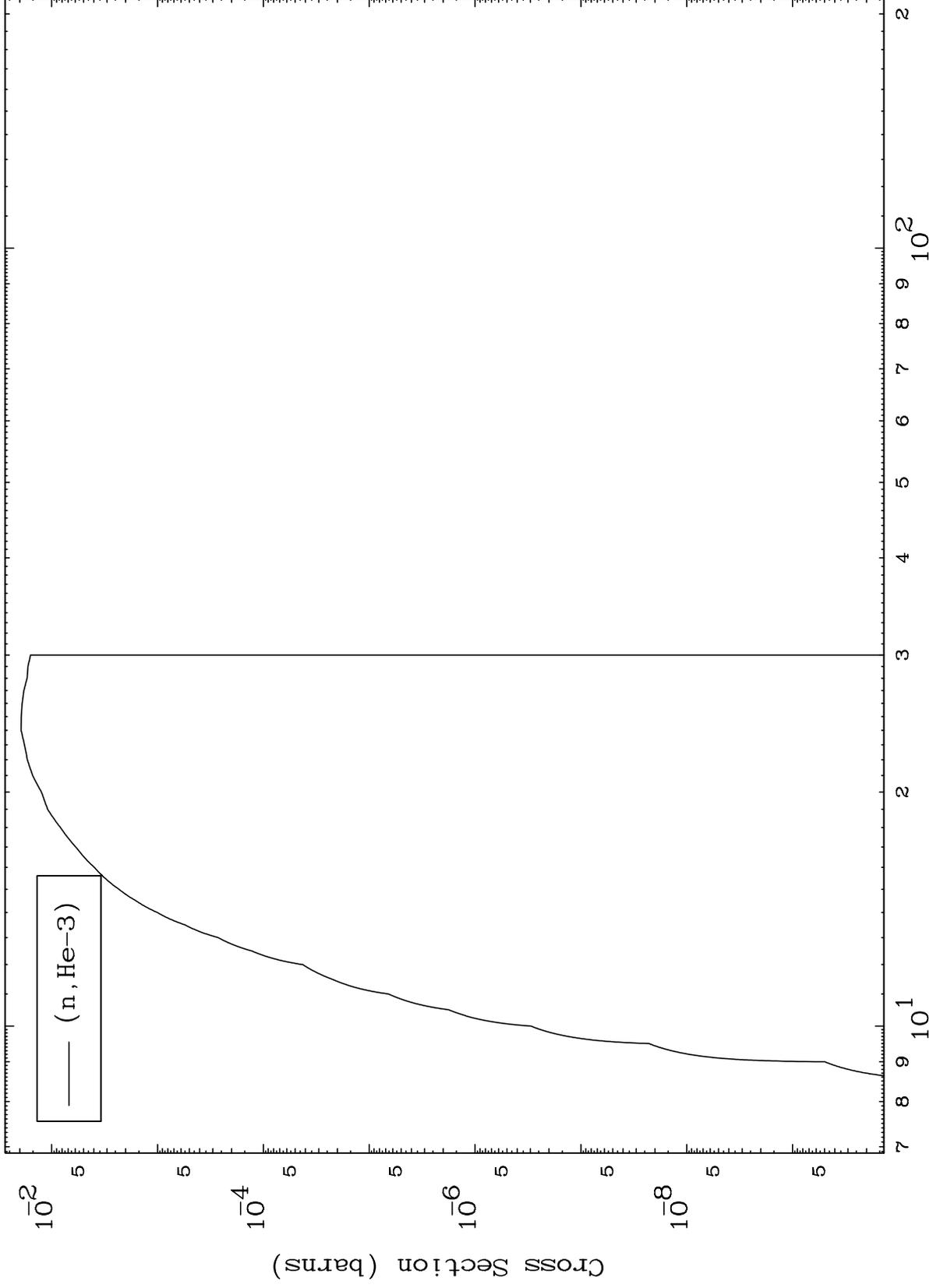
17-Cl-34



12

Incident Energy (MeV)

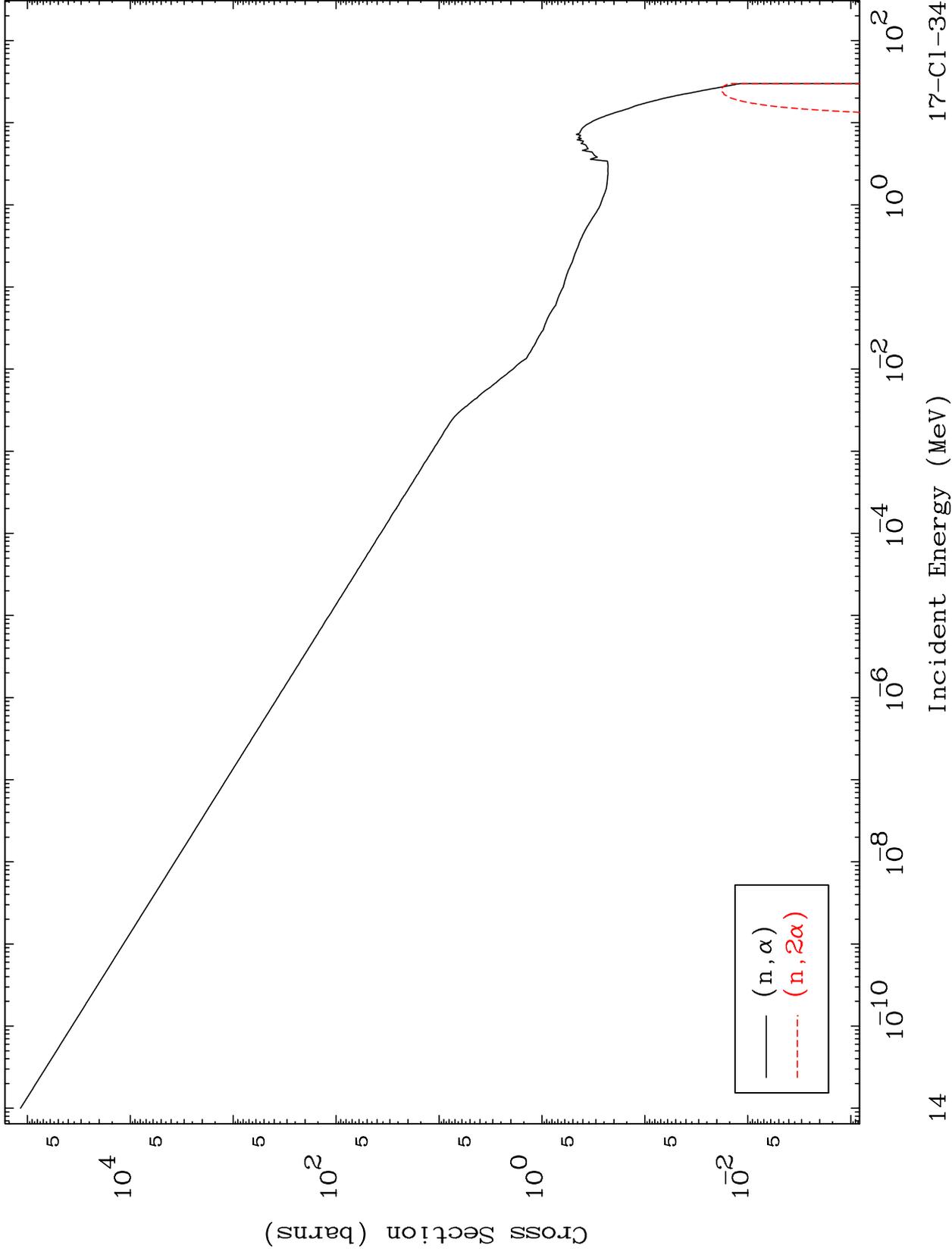
17-Cl-34



MAT 1722

(n,α) Levels
293 Kelvin Cross Sections

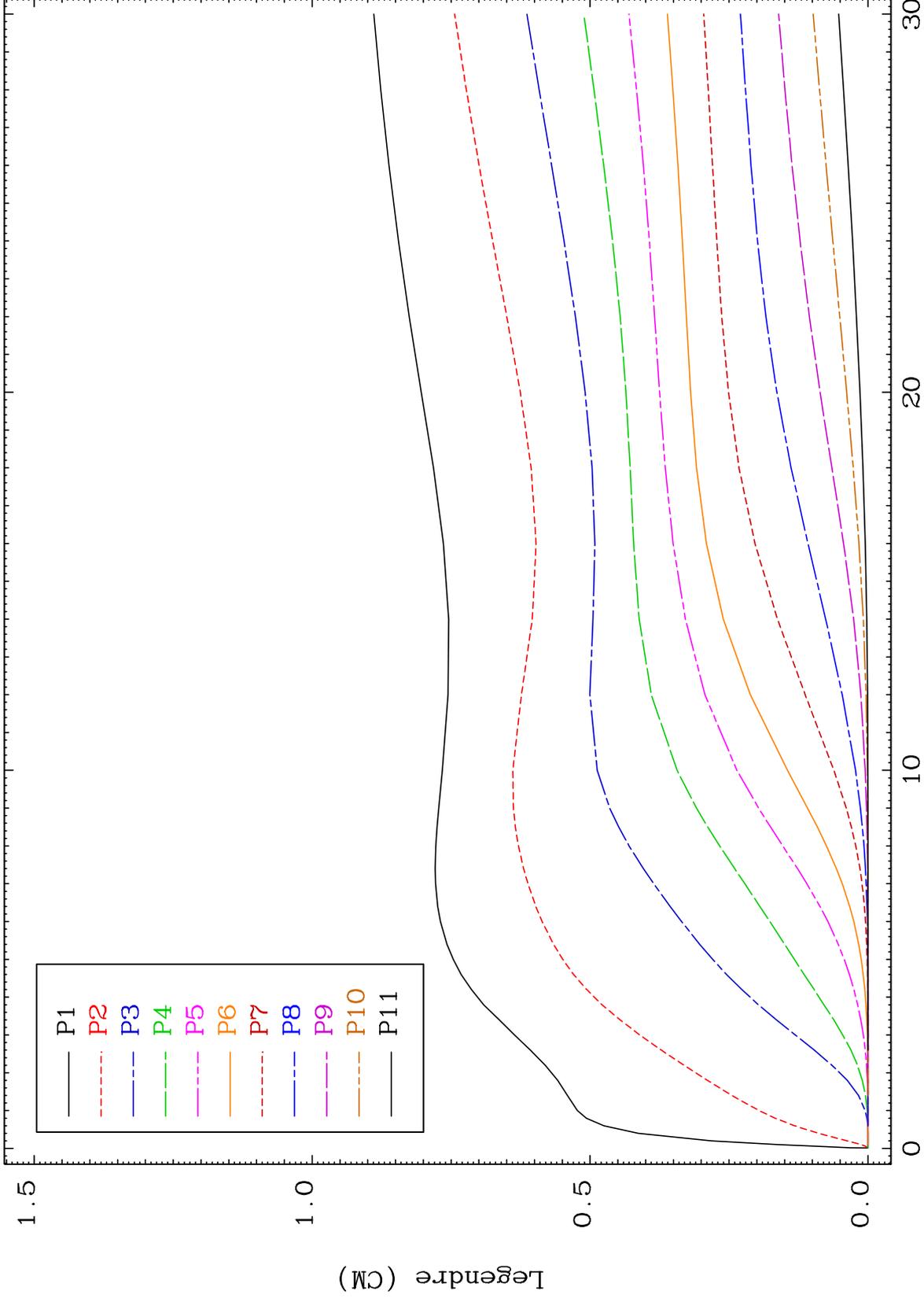
17-Cl-34



MAT 1722

Elastic Legendre Coefficients

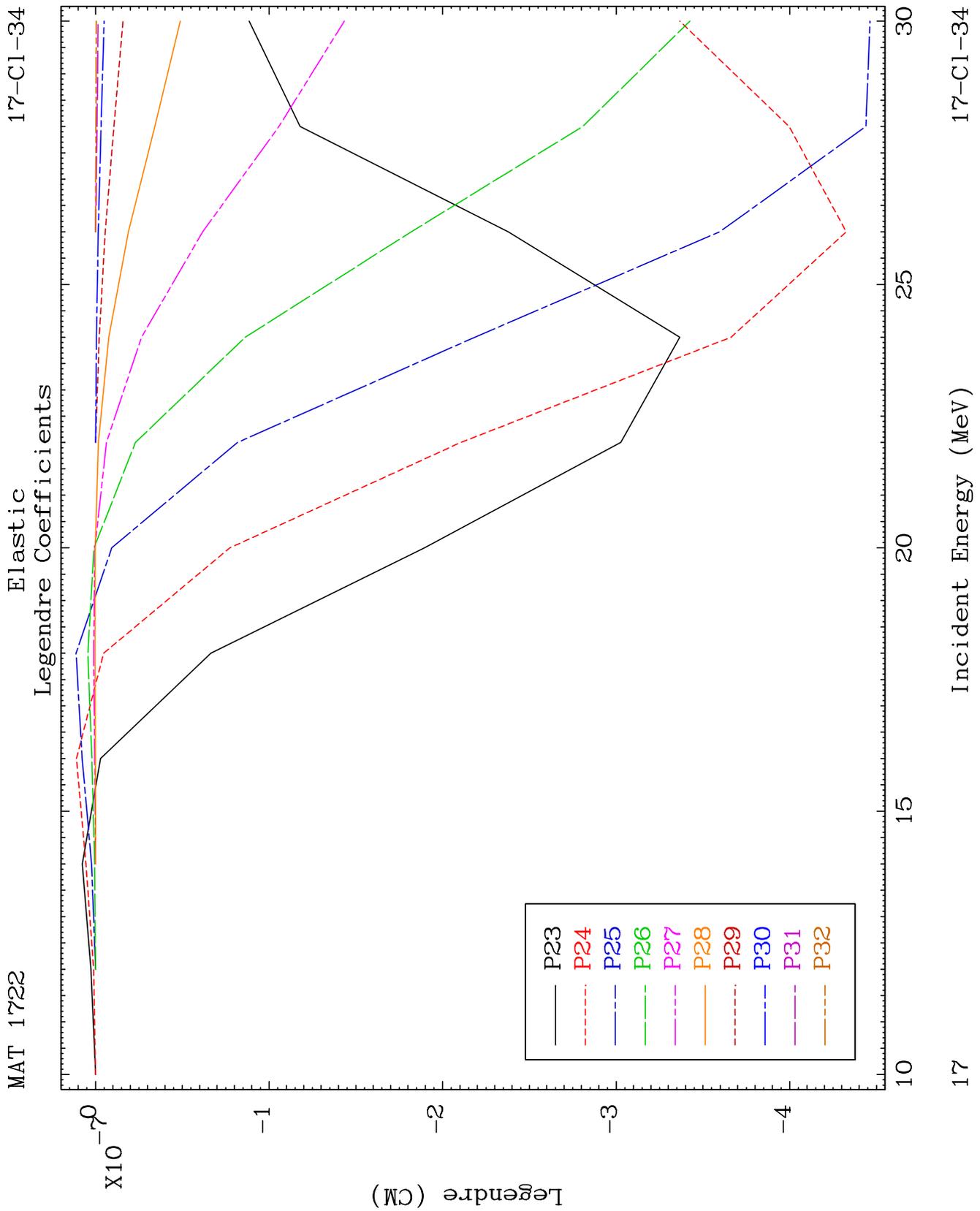
17-Cl-34

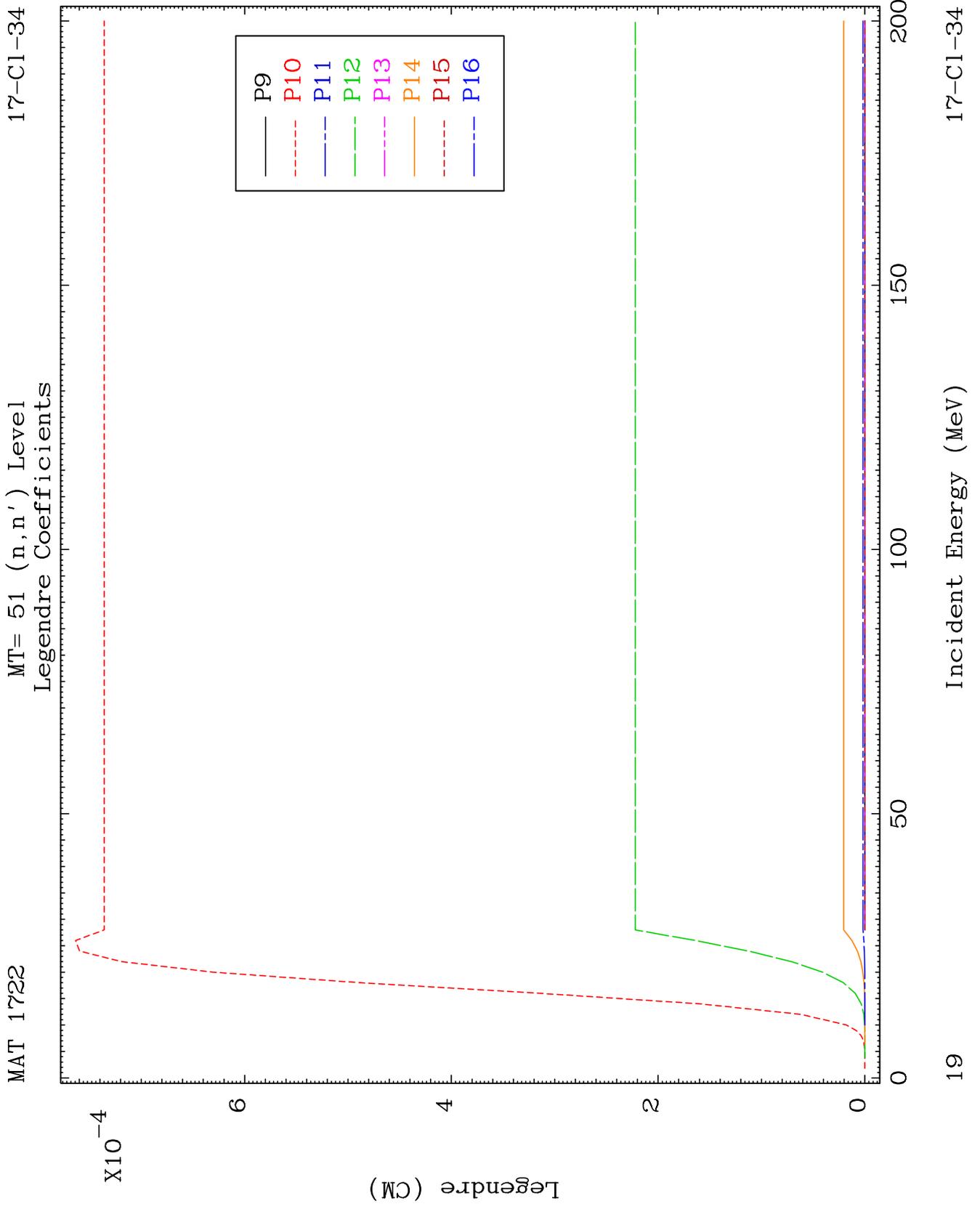


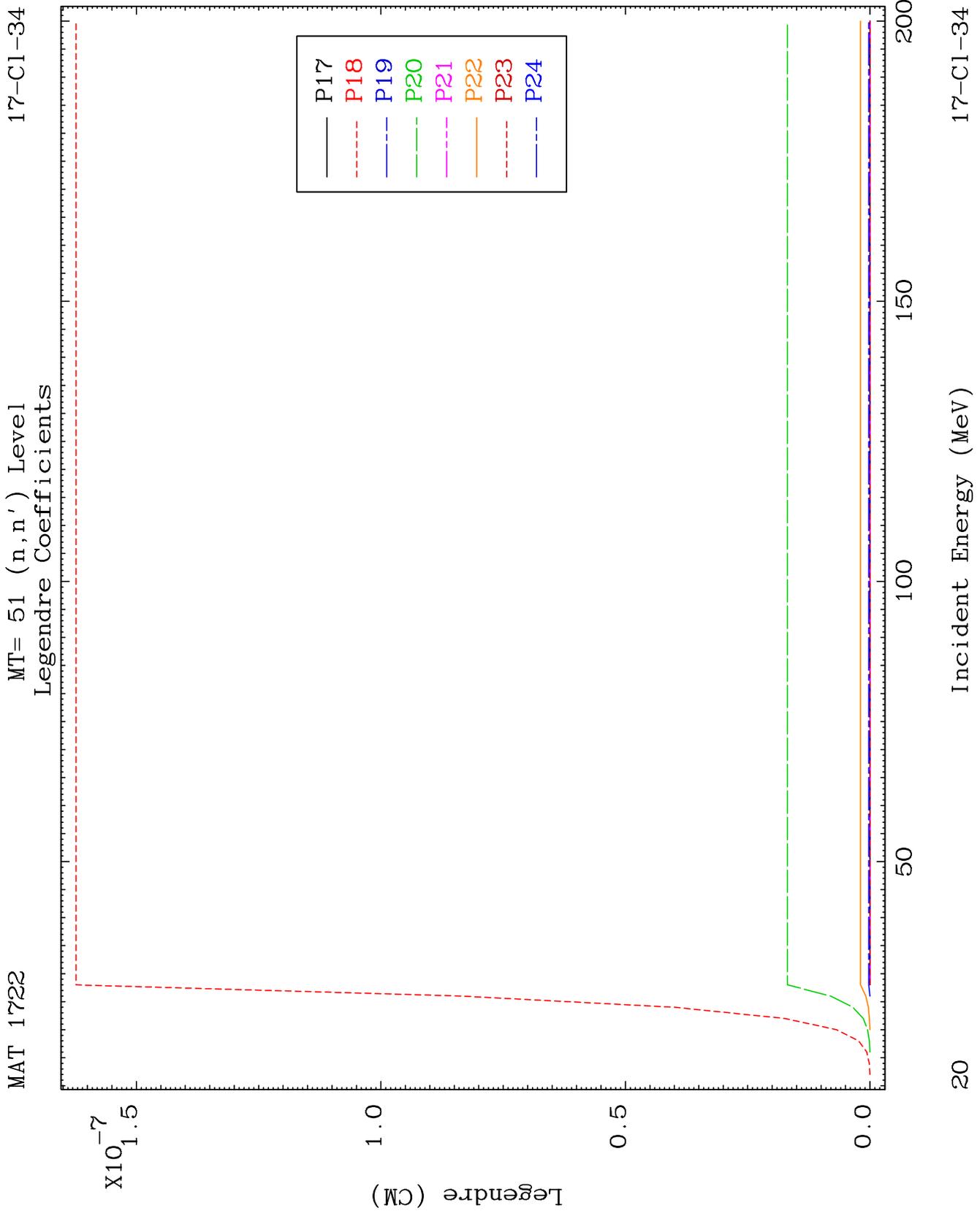
0

10

30



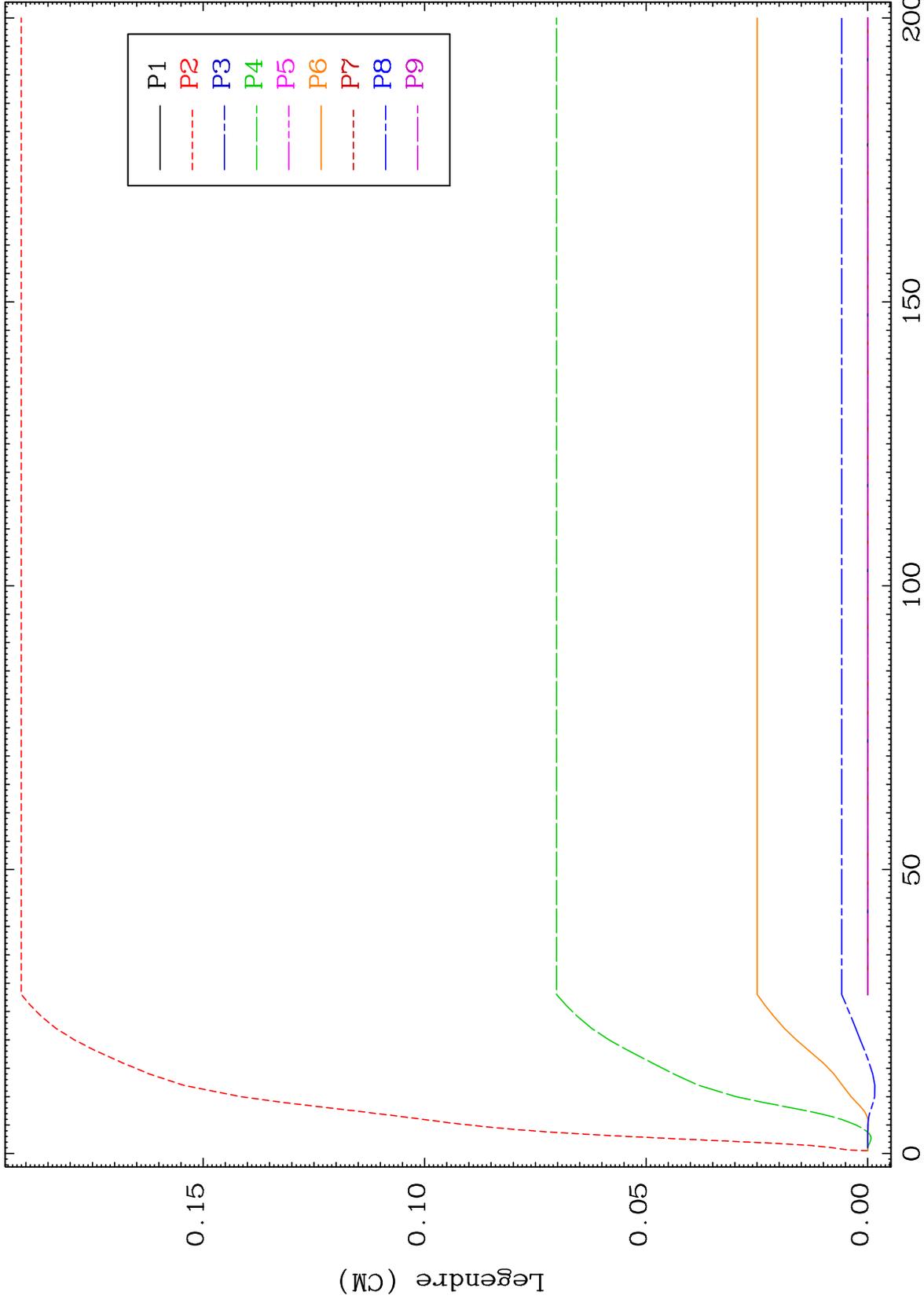




MAT 1722

MT= 52 (n,n') Level
Legendre Coefficients

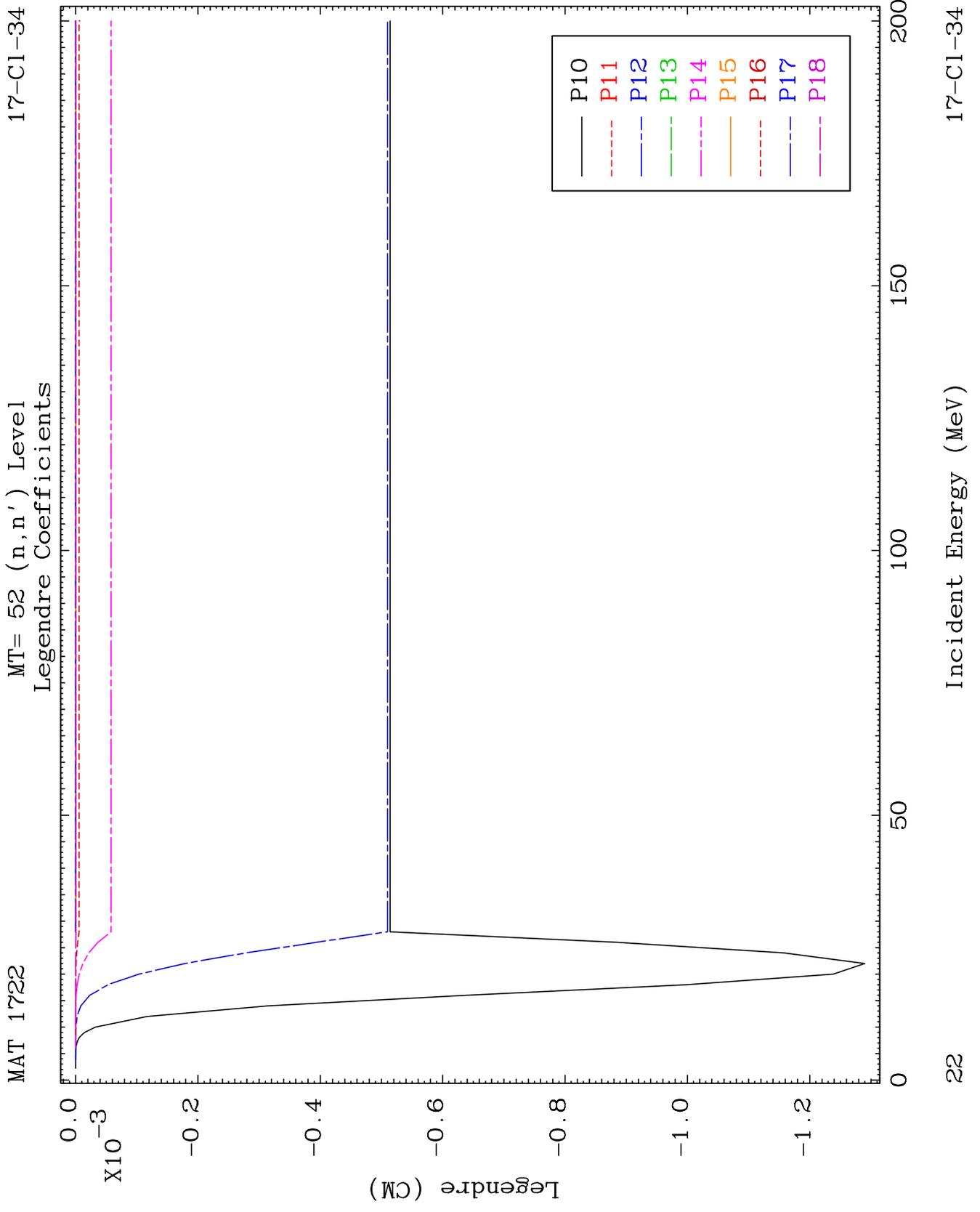
17-Cl-34

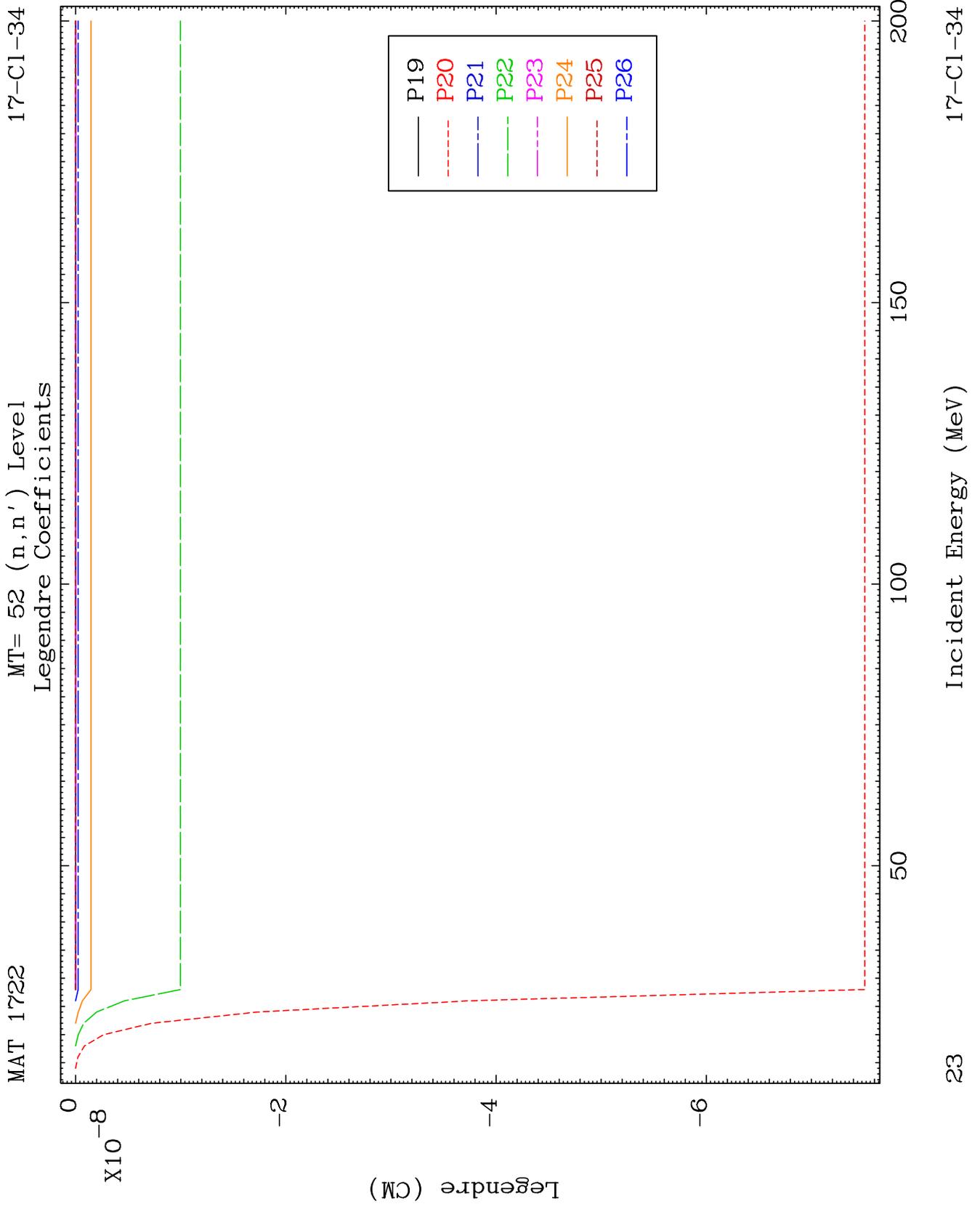


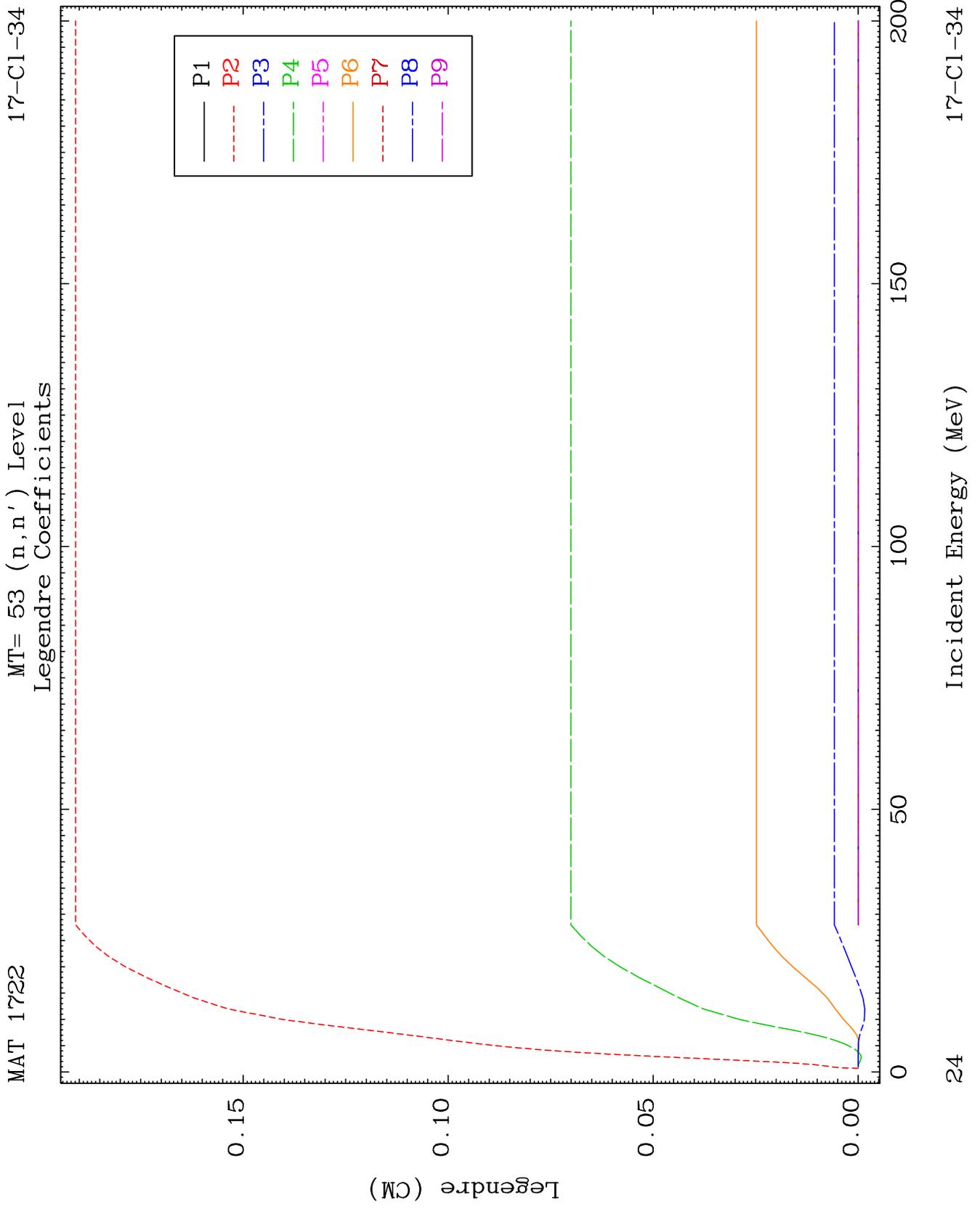
21

17-Cl-34

17-Cl-34



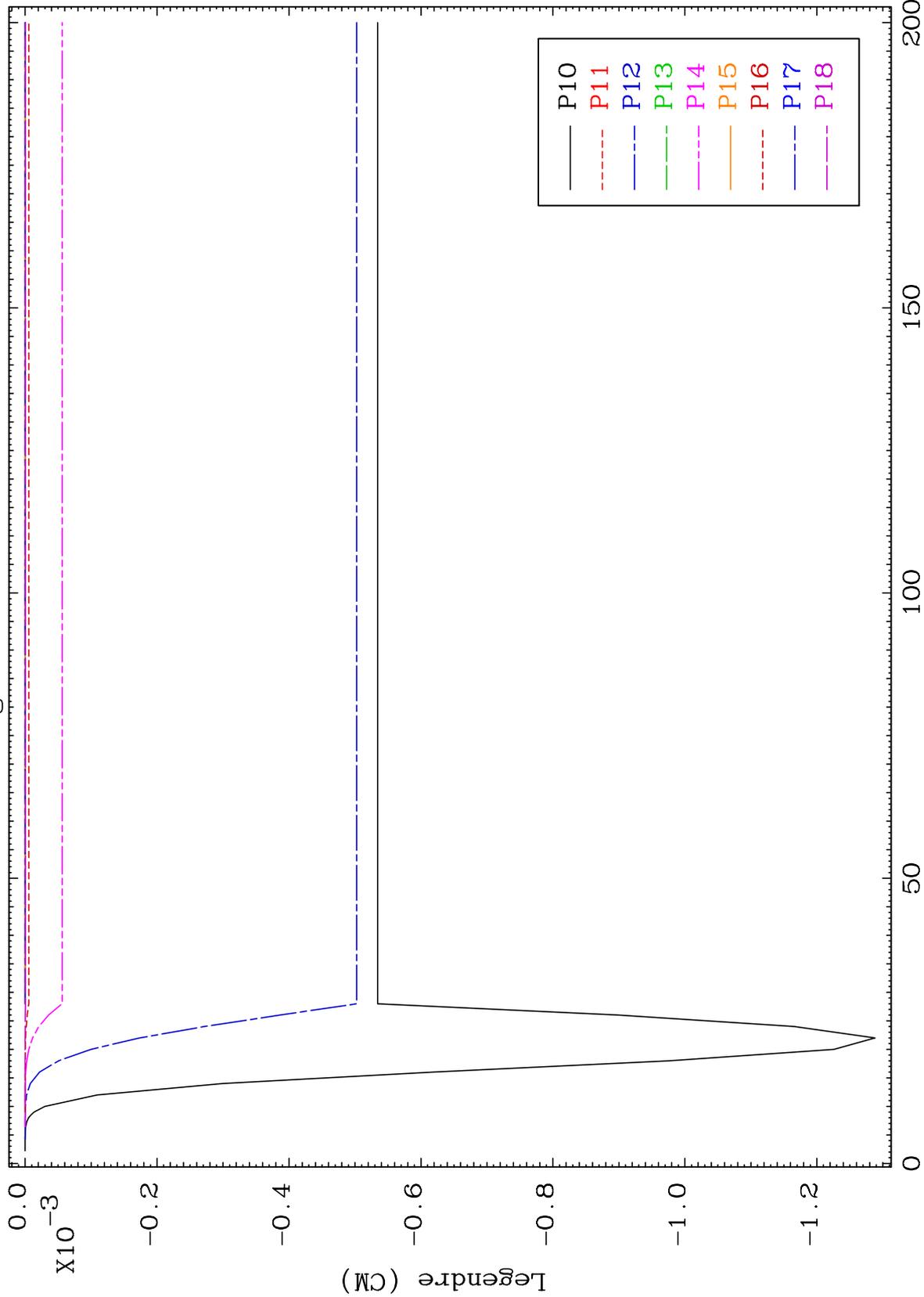




MAT 1722

MT= 53 (n,n') Level
Legendre Coefficients

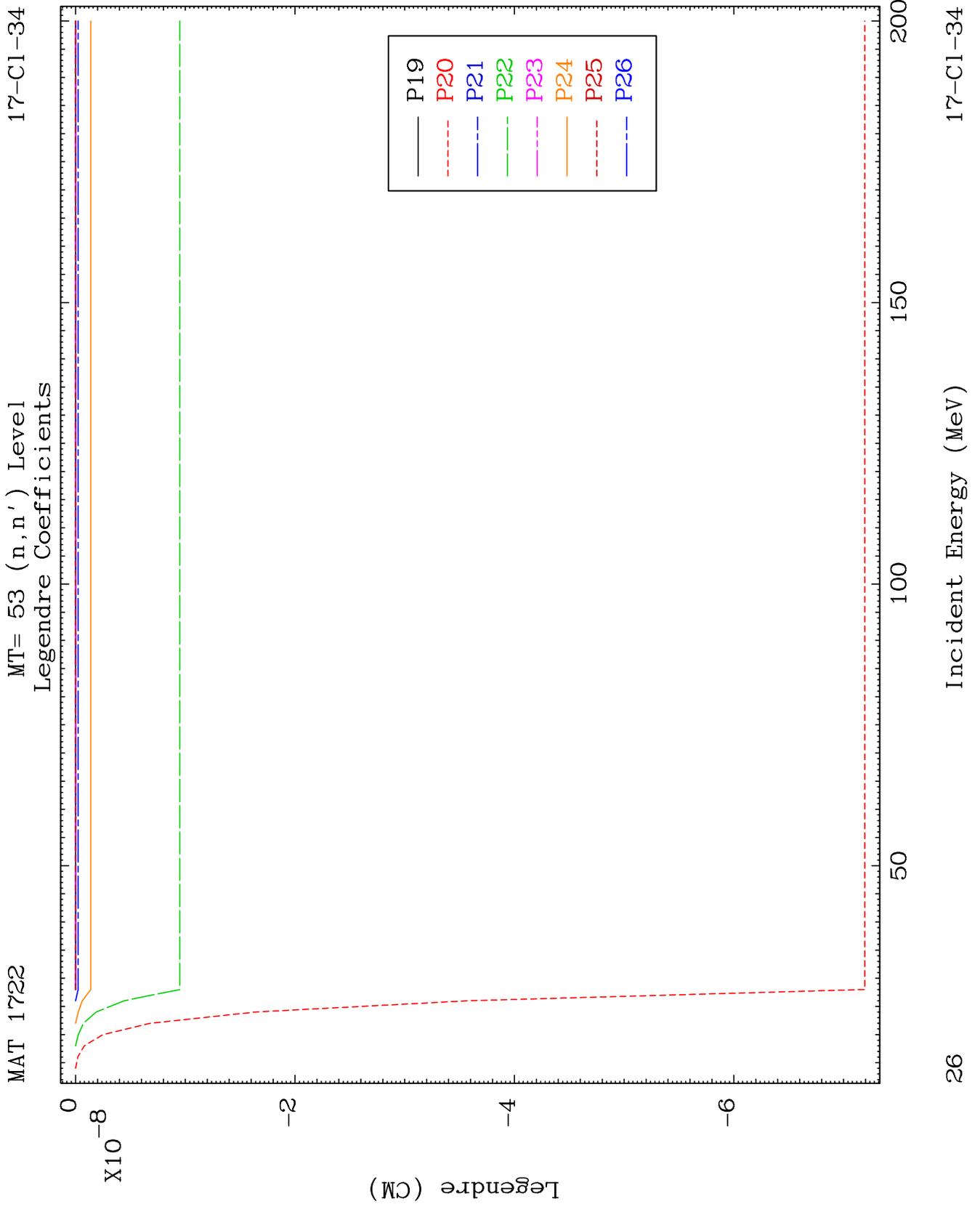
17-Cl-34



25

Incident Energy (MeV)

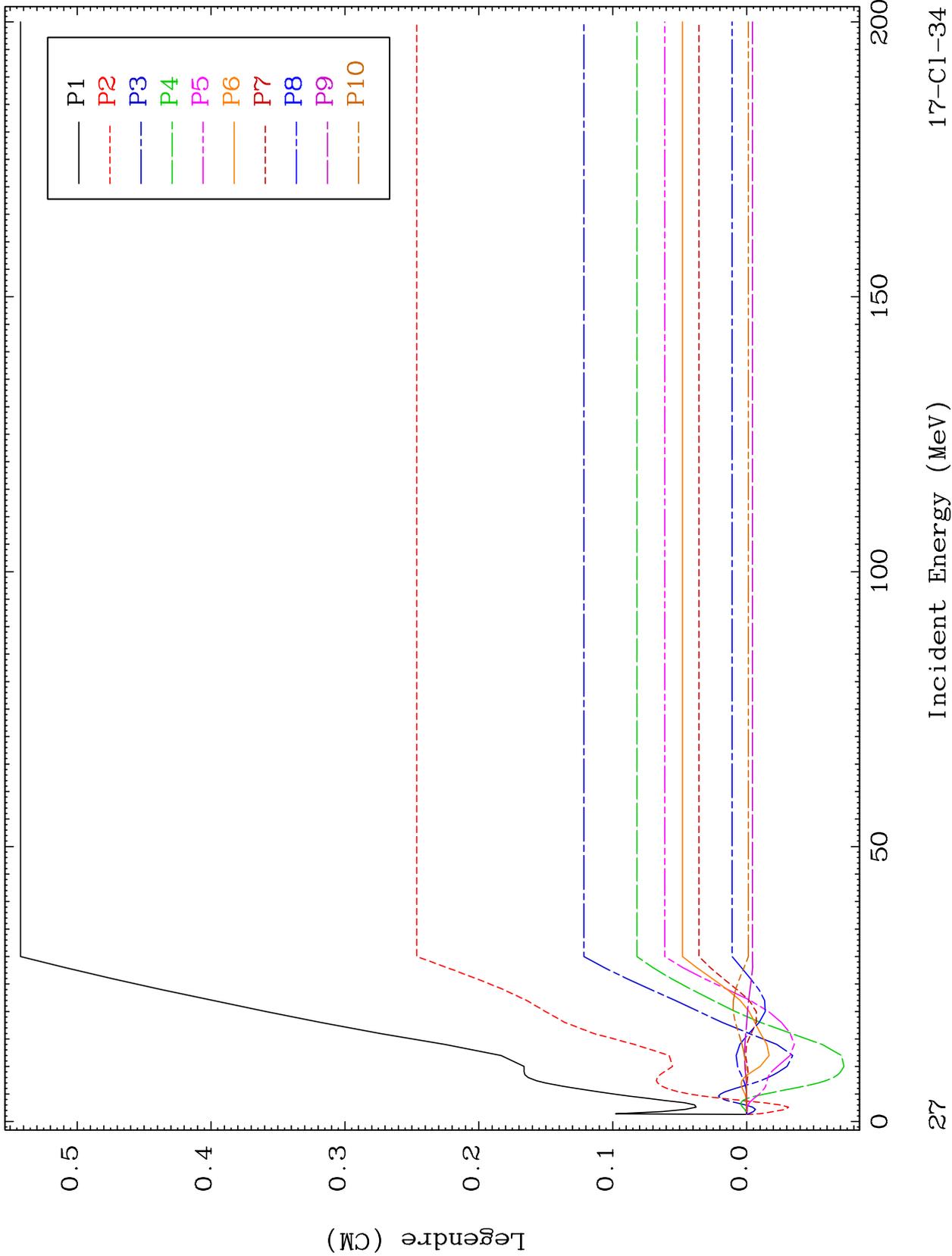
17-Cl-34



MAT 1722

MT= 54 (n,n') Level
Legendre Coefficients

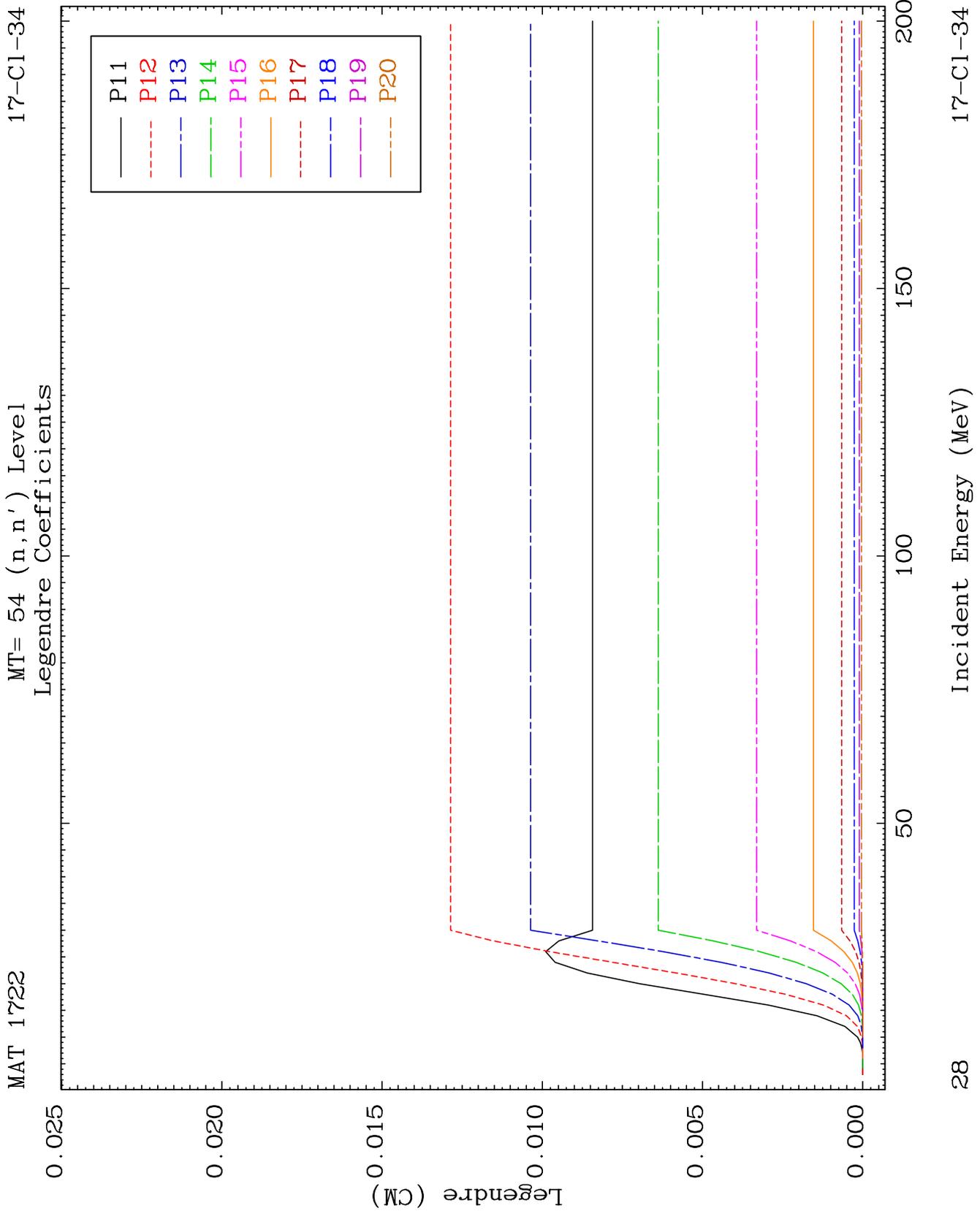
17-Cl-34



17-Cl-34

Incident Energy (MeV)

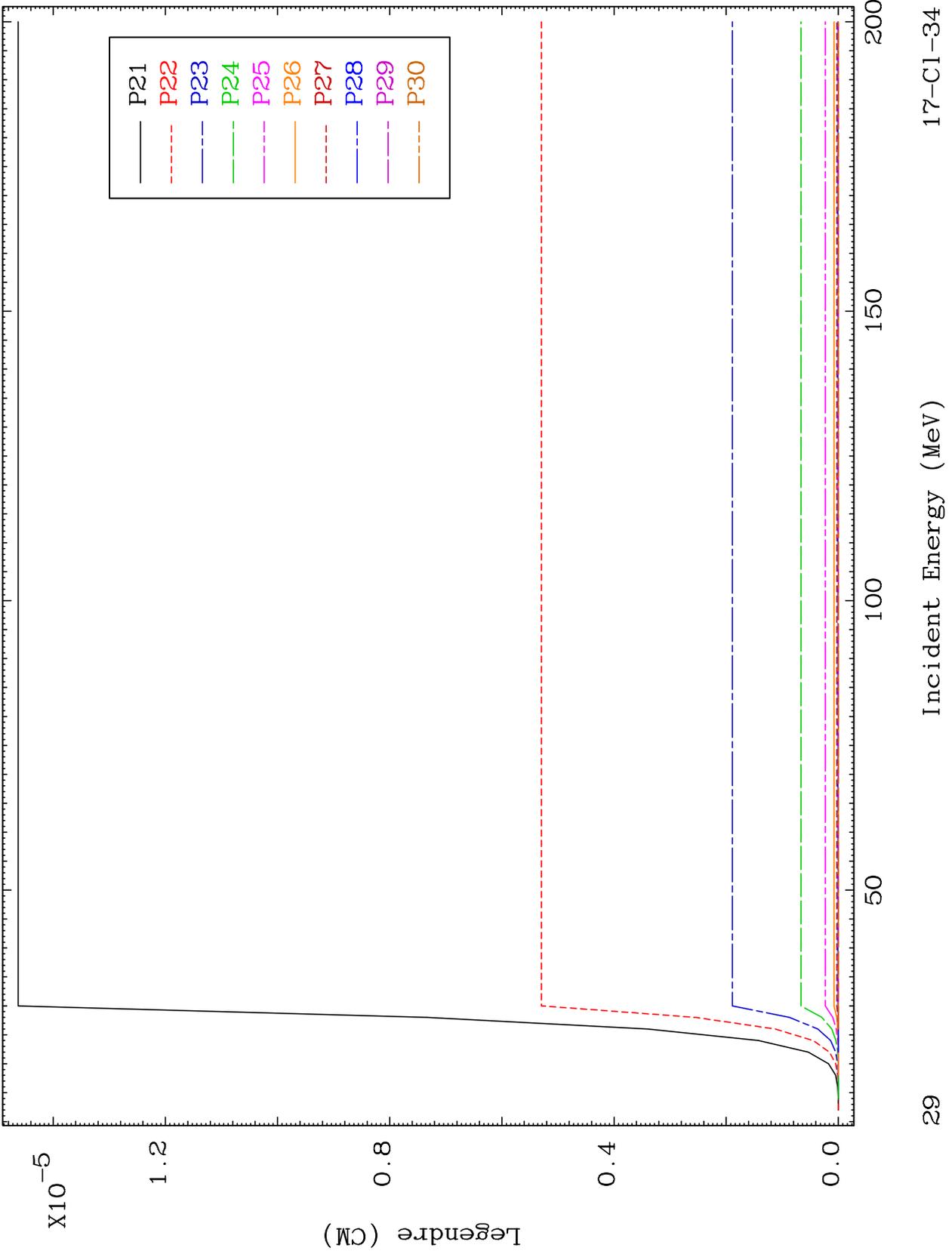
27



MAT 1722

MT= 54 (n,n') Level
Legendre Coefficients

17-Cl-34



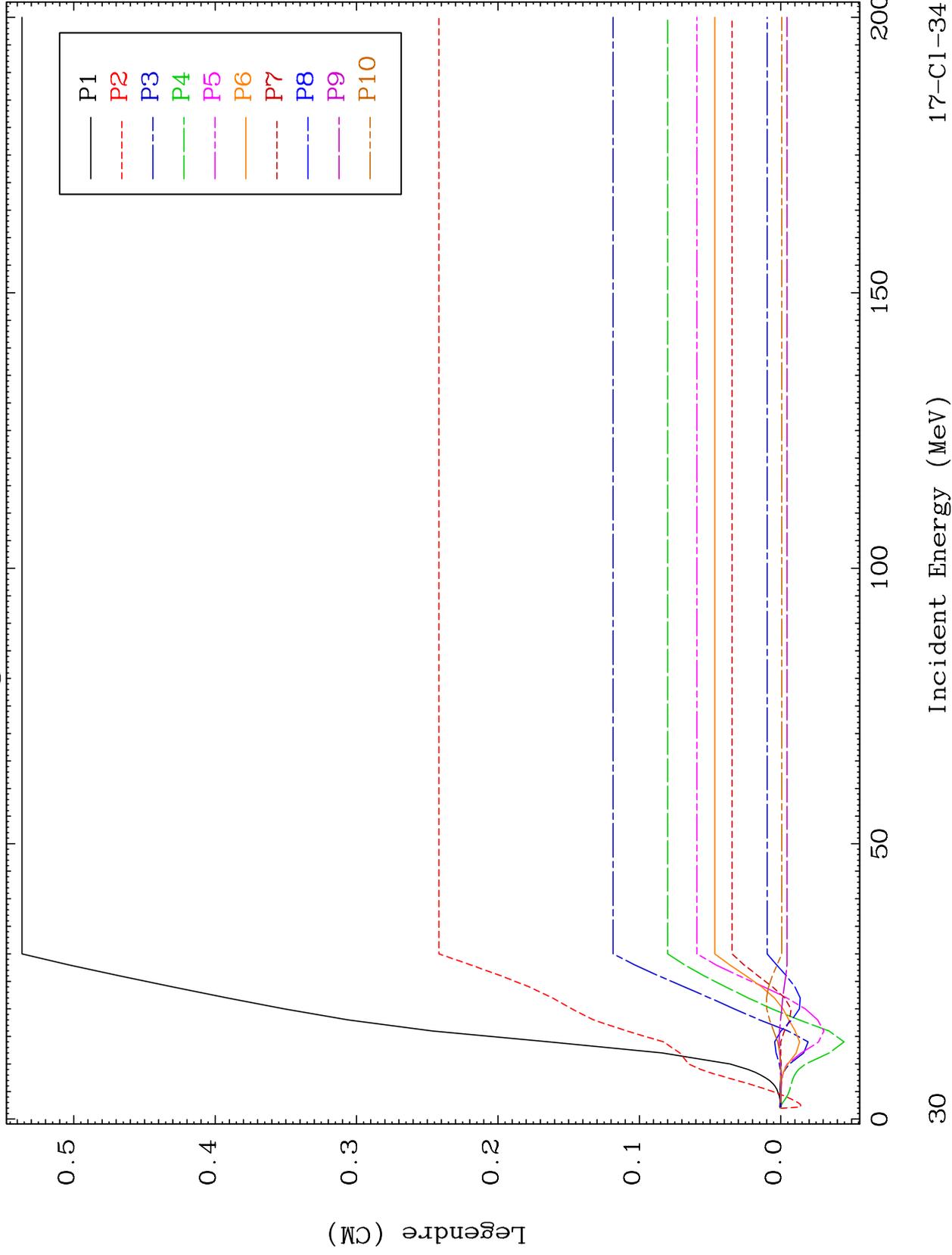
29

17-Cl-34

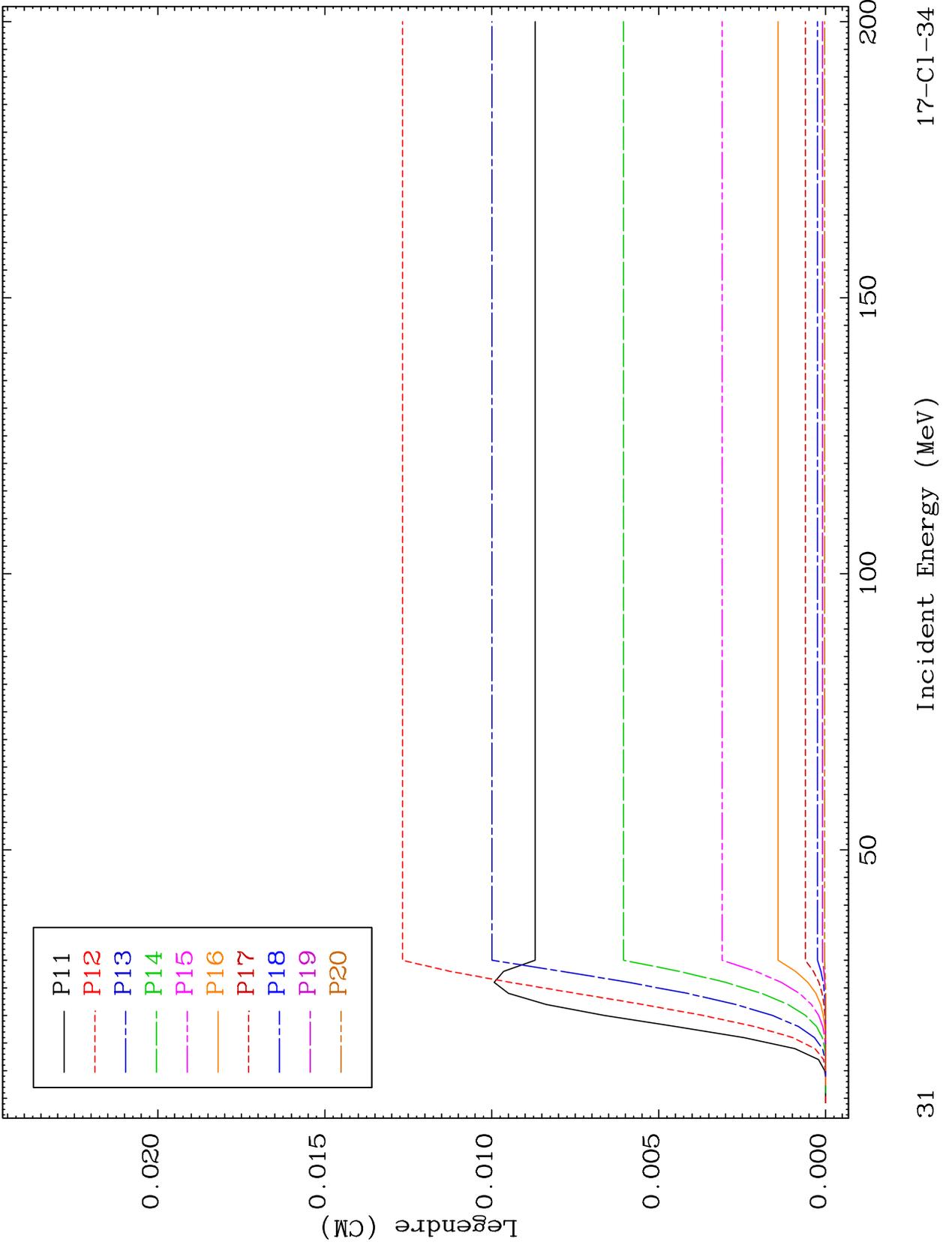
MAT 1722

MT= 55 (n,n') Level
Legendre Coefficients

17-Cl-34



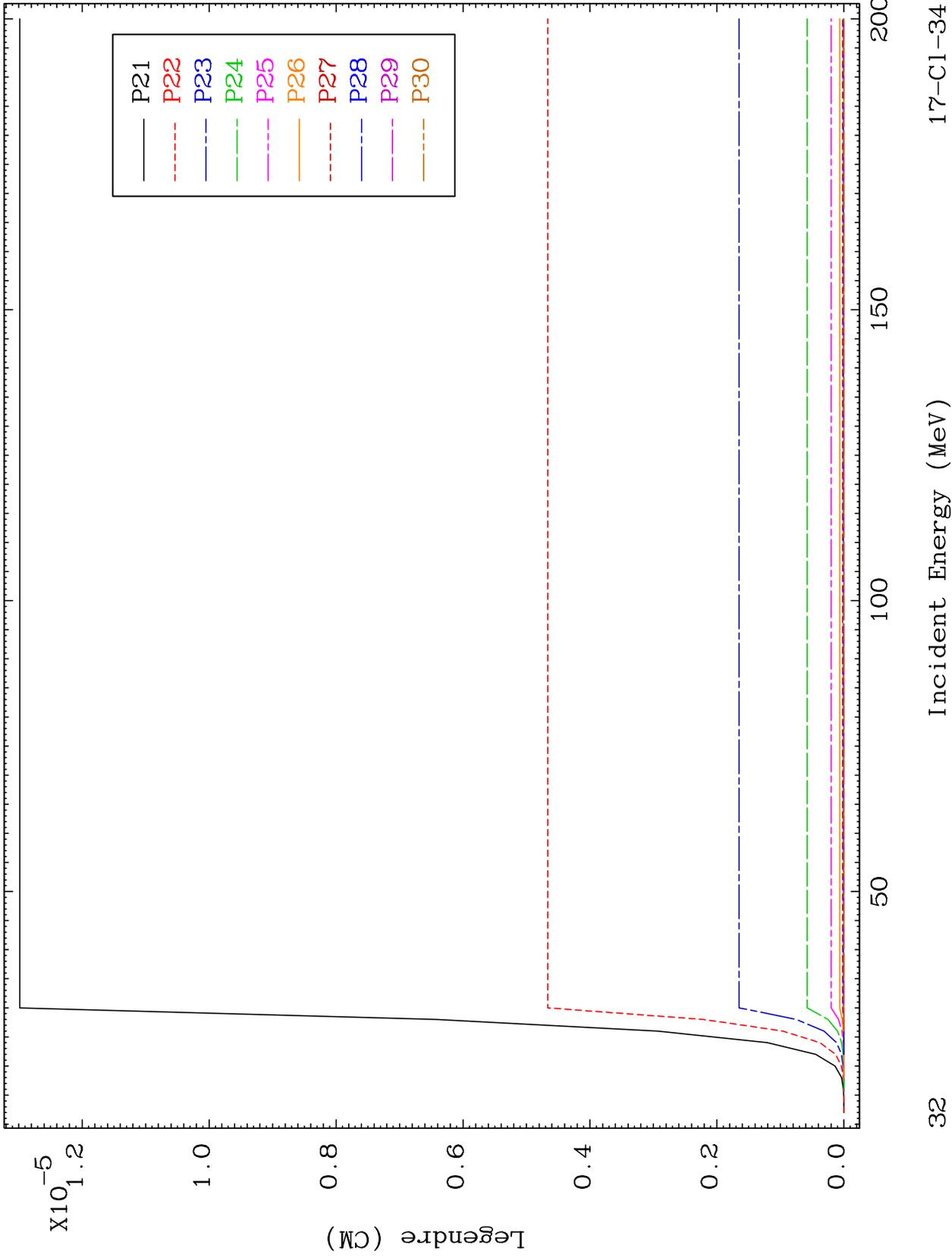
17-Cl-34



MAT 1722

MT= 55 (n,n') Level
Legendre Coefficients

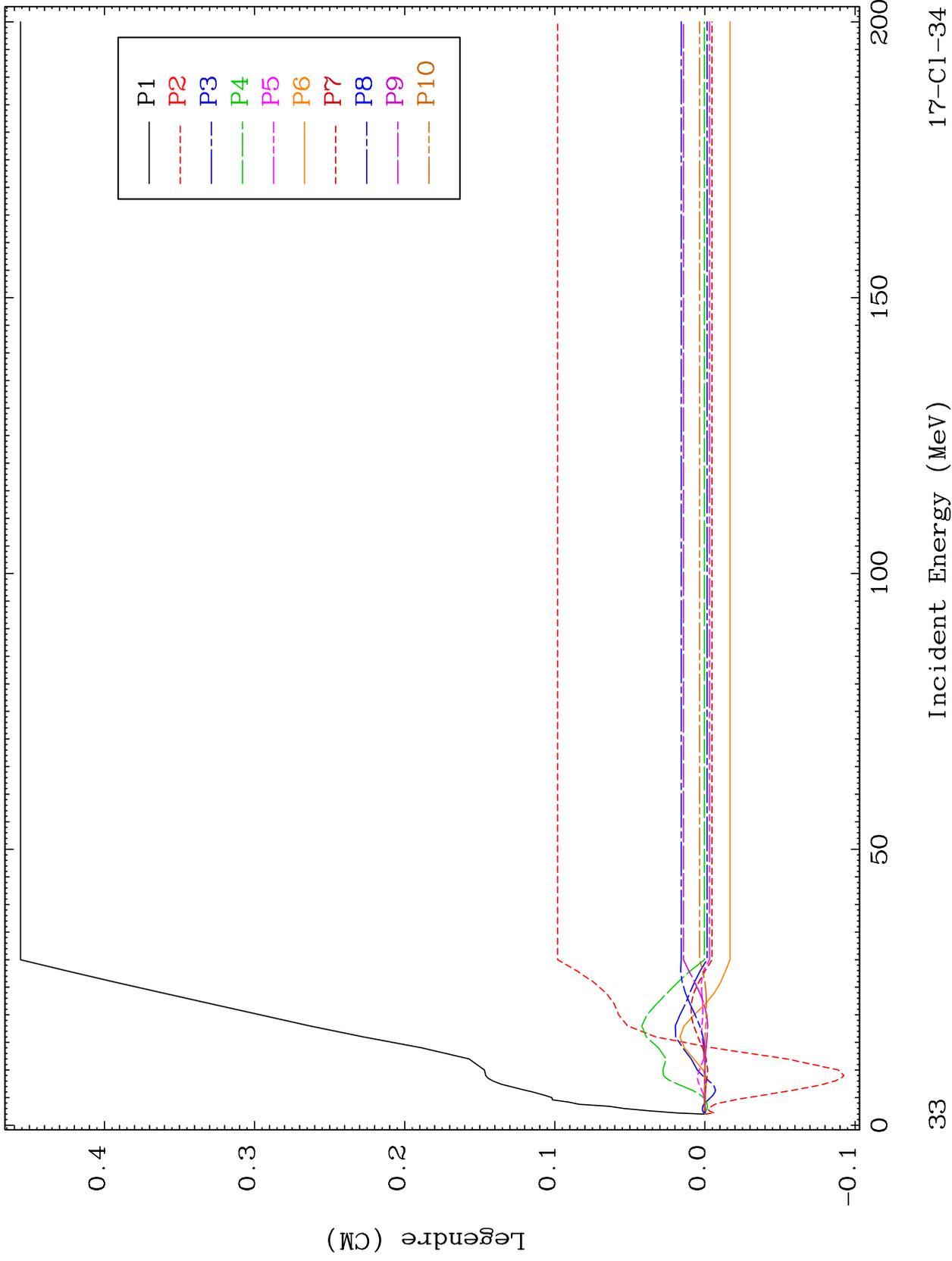
17-Cl-34



MAT 1722

MT= 56 (n,n') Level
Legendre Coefficients

17-Cl-34



33

Incident Energy (MeV)

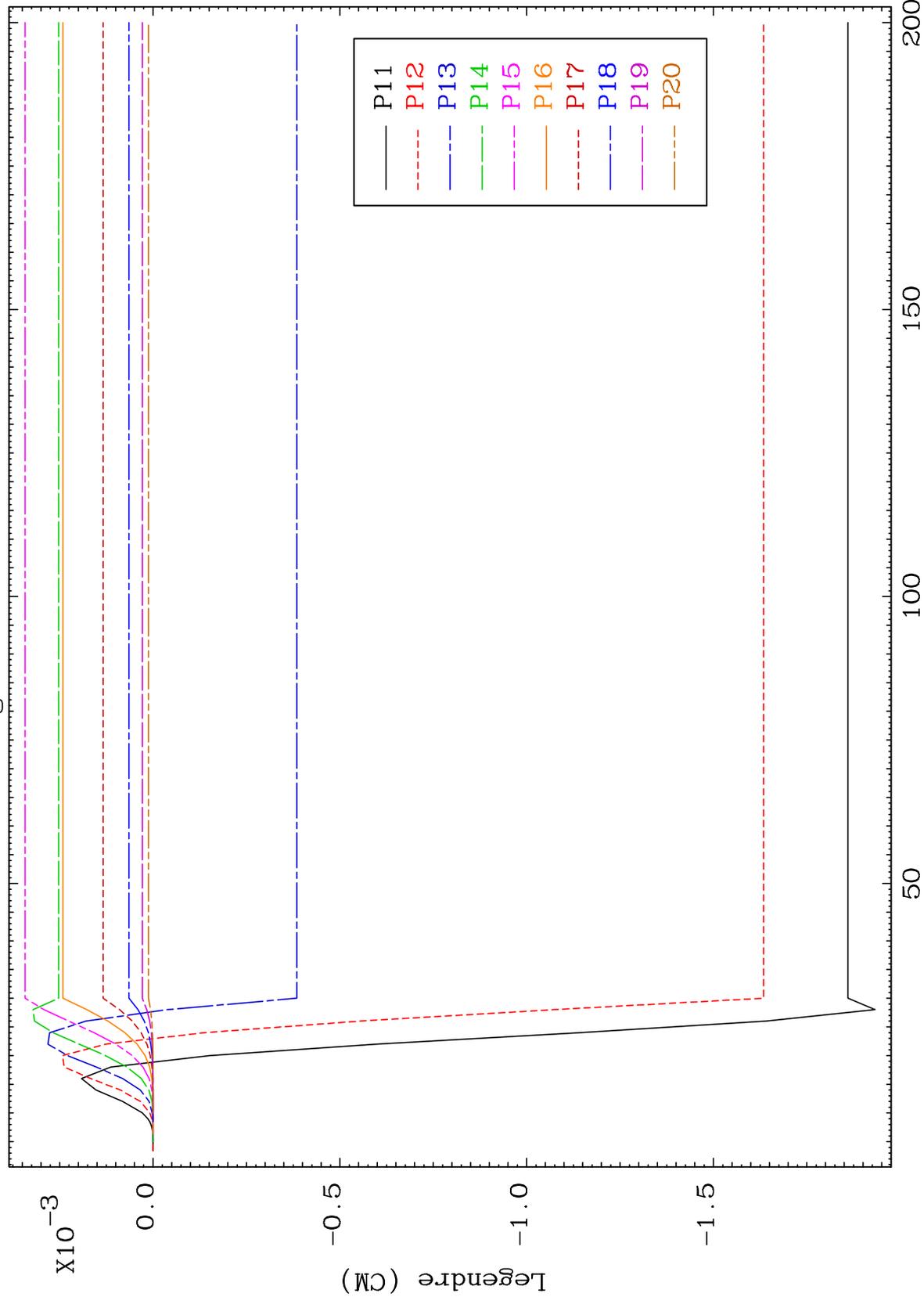
17-Cl-34

MAT 1722

MT= 56 (n,n') Level

17-Cl-34

Legendre Coefficients



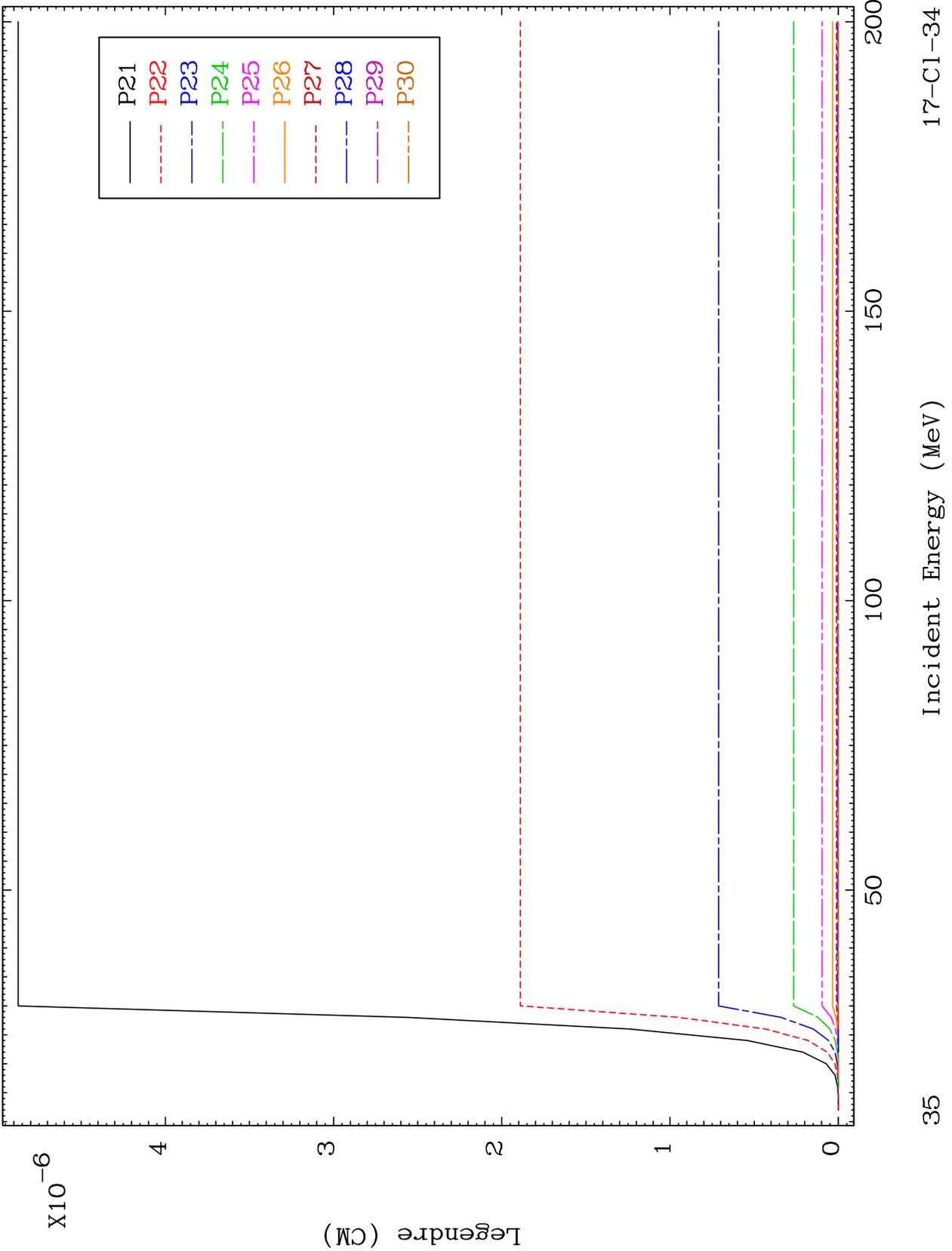
34

17-Cl-34

MAT 1722

MT= 56 (n,n') Level
Legendre Coefficients

17-Cl-34



35

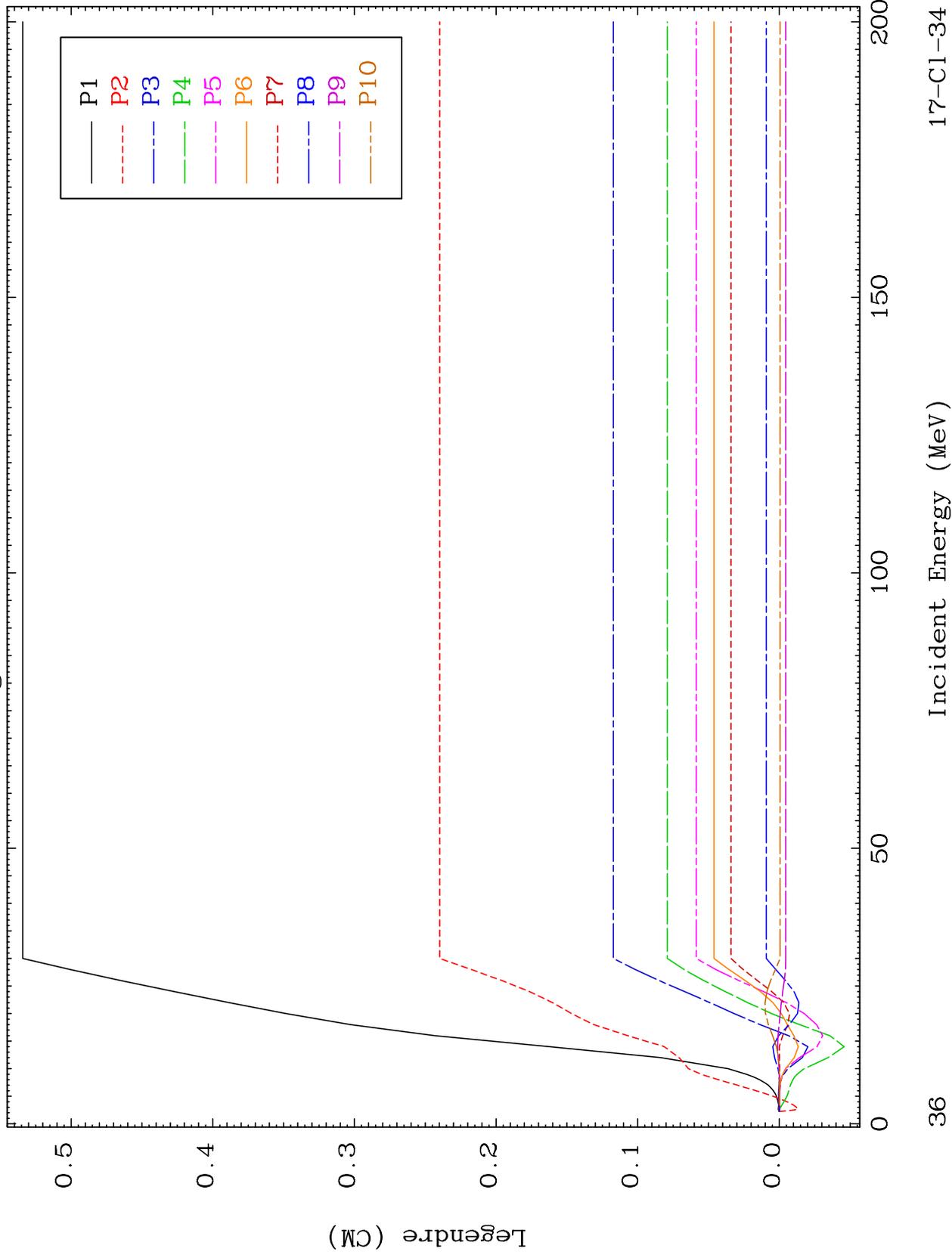
Incident Energy (MeV)

17-Cl-34

MAT 1722

MT= 57 (n,n') Level
Legendre Coefficients

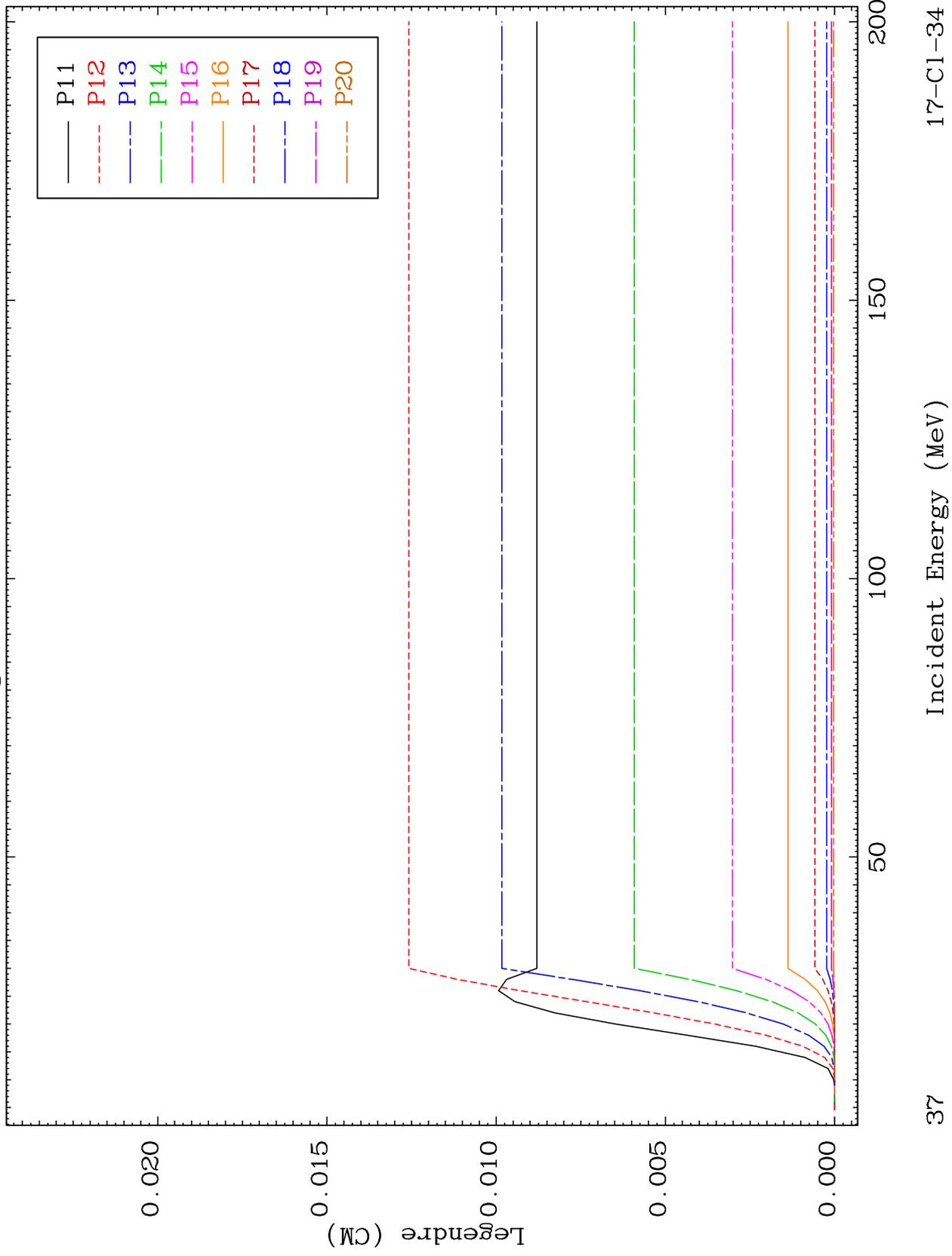
17-Cl-34



MAT 1722

MT= 57 (n,n') Level
Legendre Coefficients

17-Cl-34



37

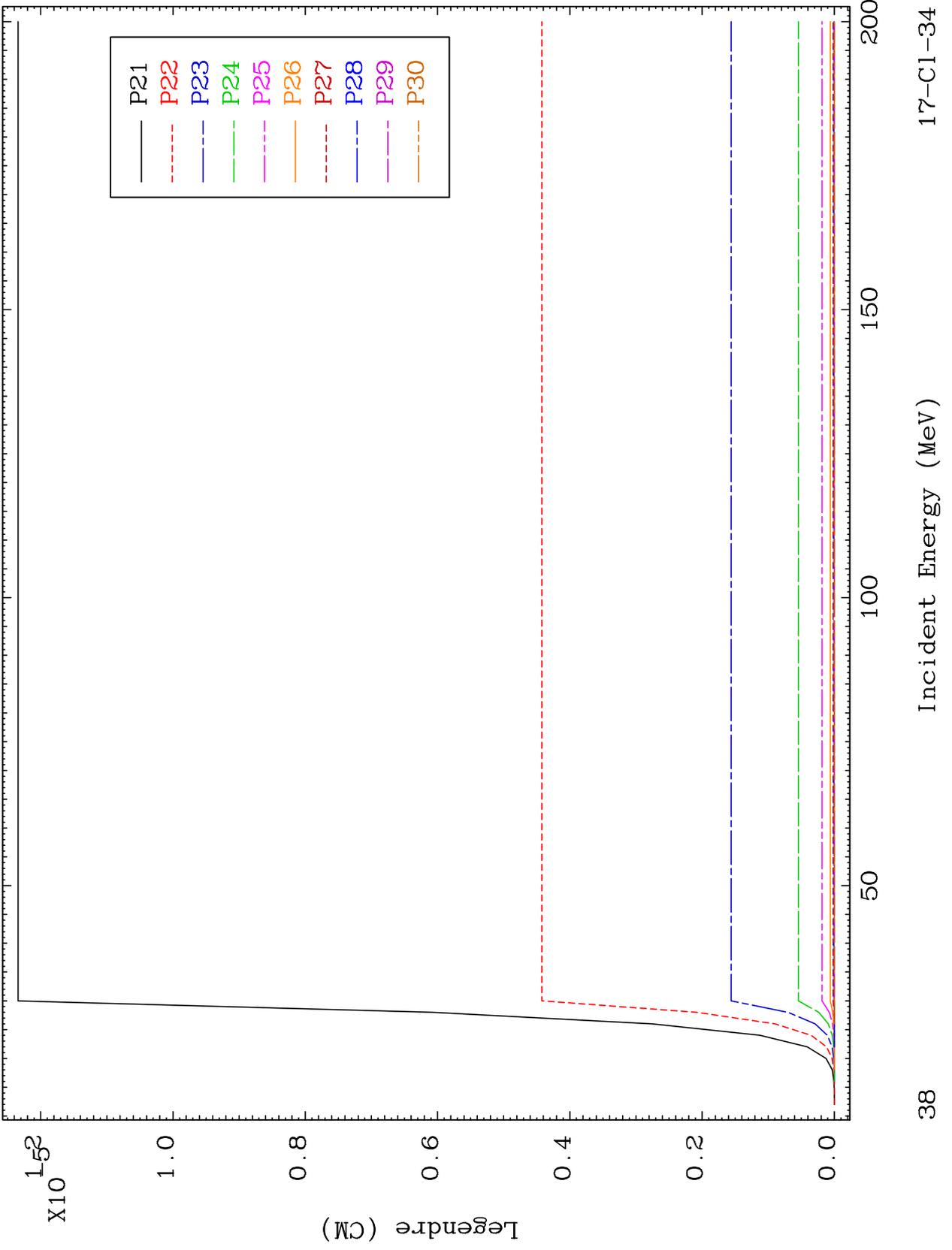
Incident Energy (MeV)

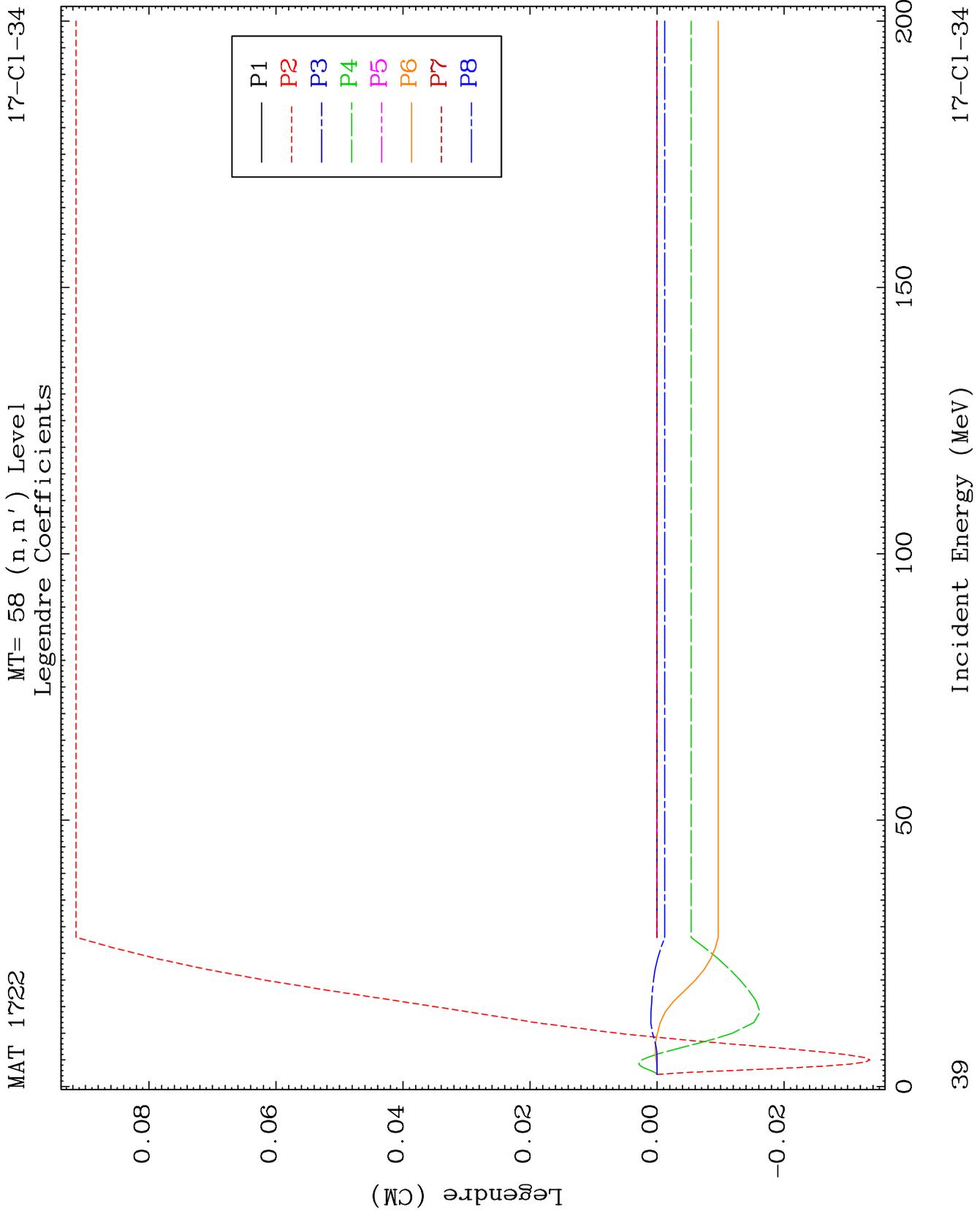
17-Cl-34

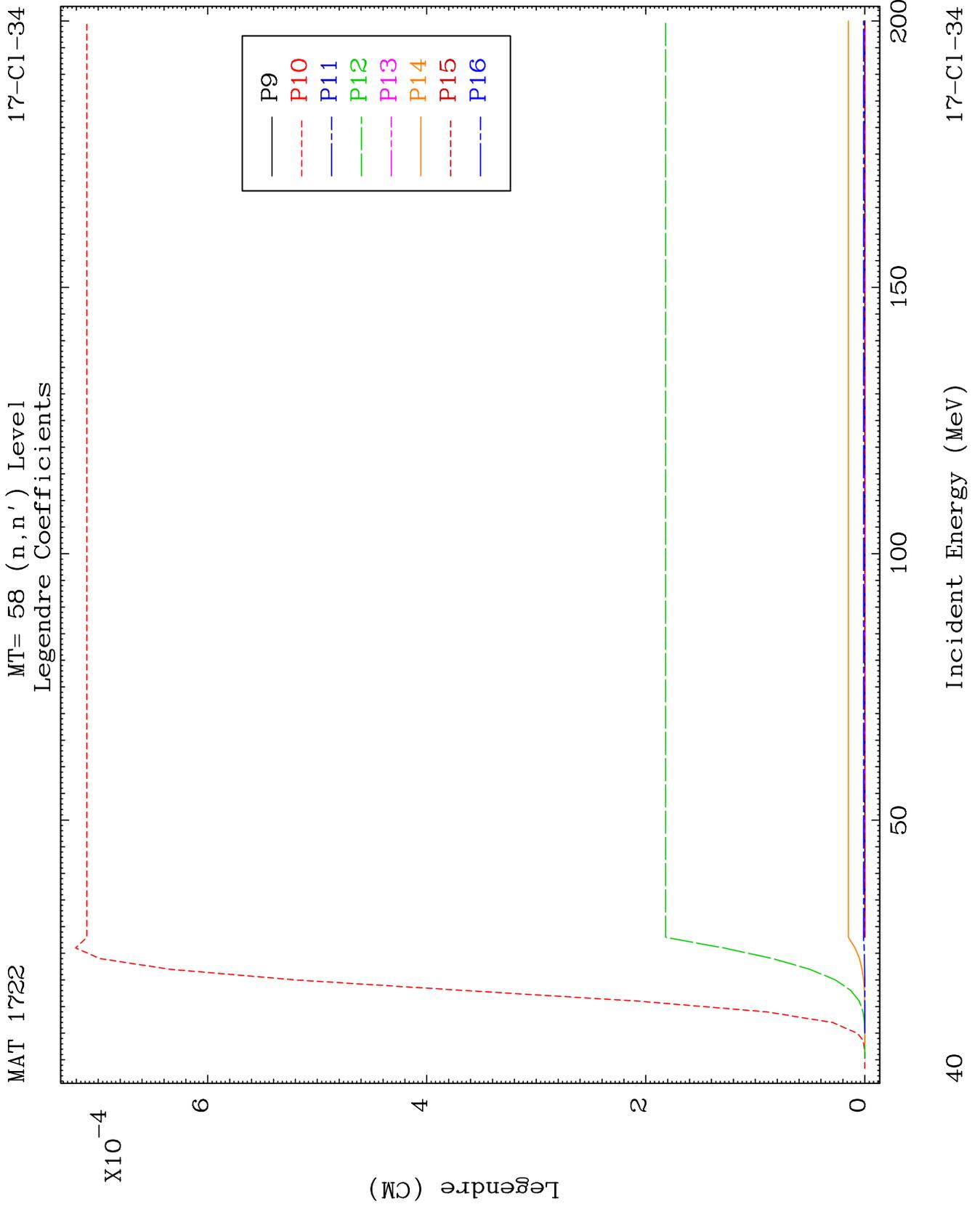
MAT 1722

MT= 57 (n,n') Level
Legendre Coefficients

17-Cl-34



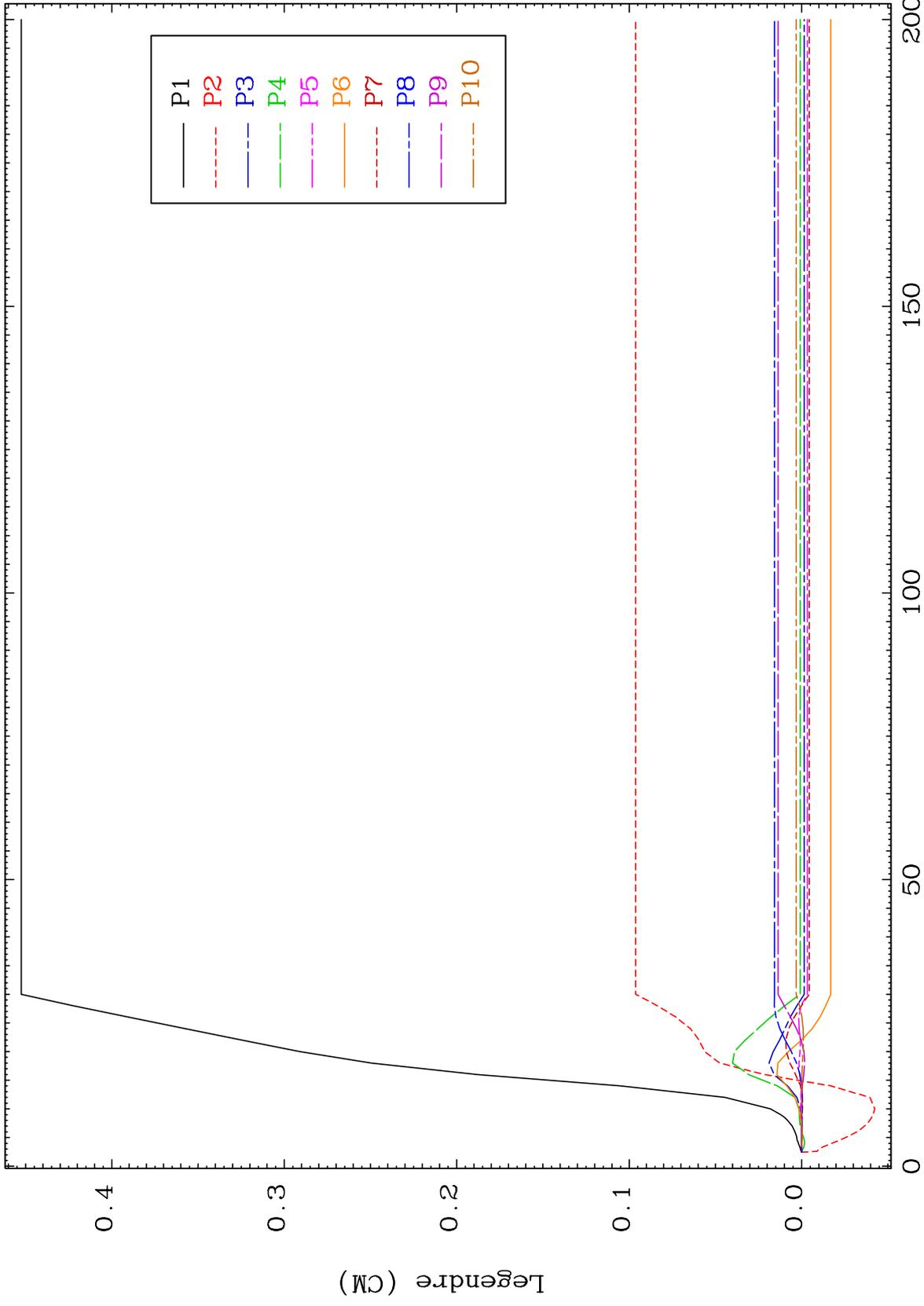




MAT 1722

MT= 59 (n,n') Level
Legendre Coefficients

17-Cl-34



42

Incident Energy (MeV)

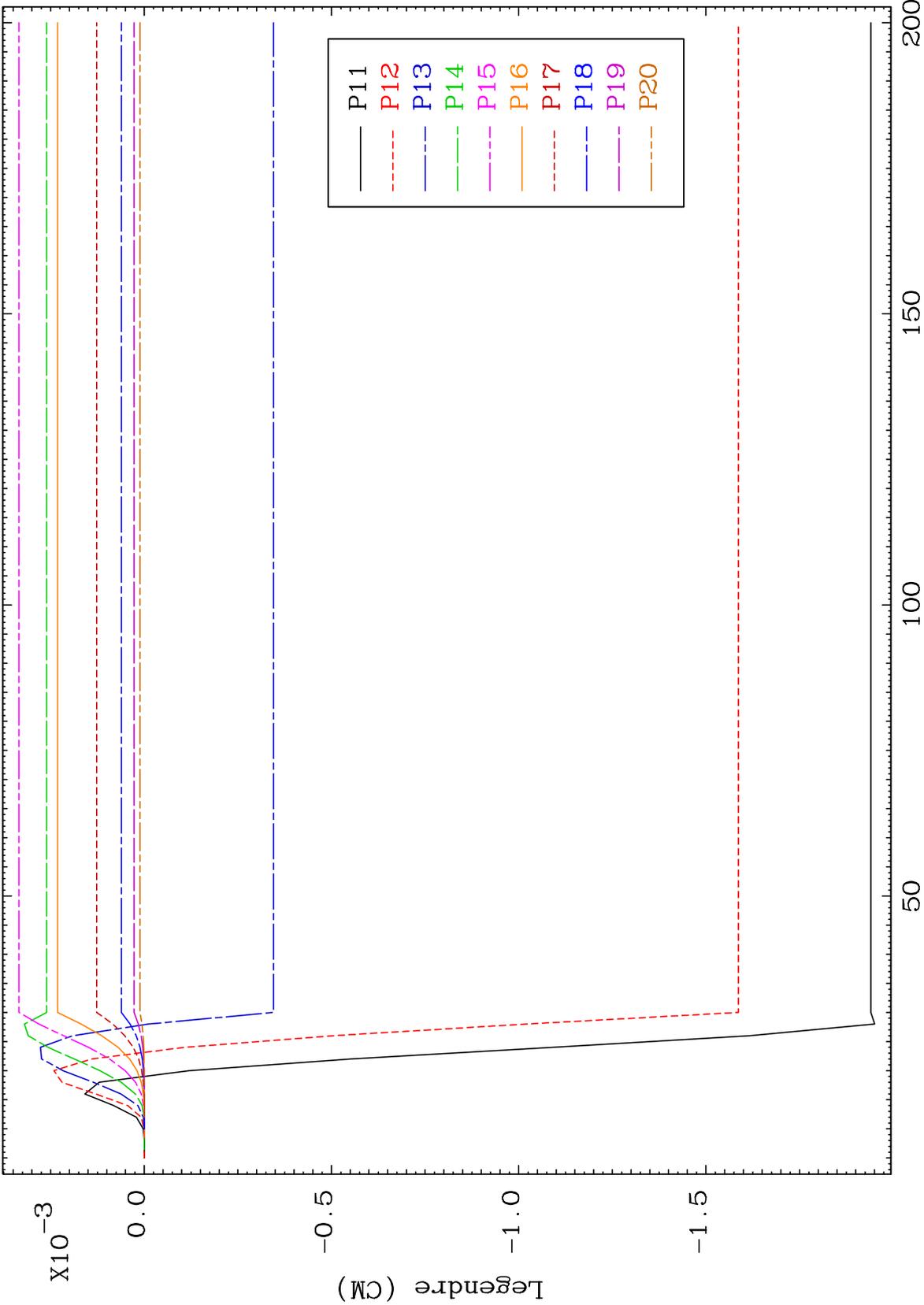
17-Cl-34

MAT 1722

MT= 59 (n,n') Level

17-Cl-34

Legendre Coefficients



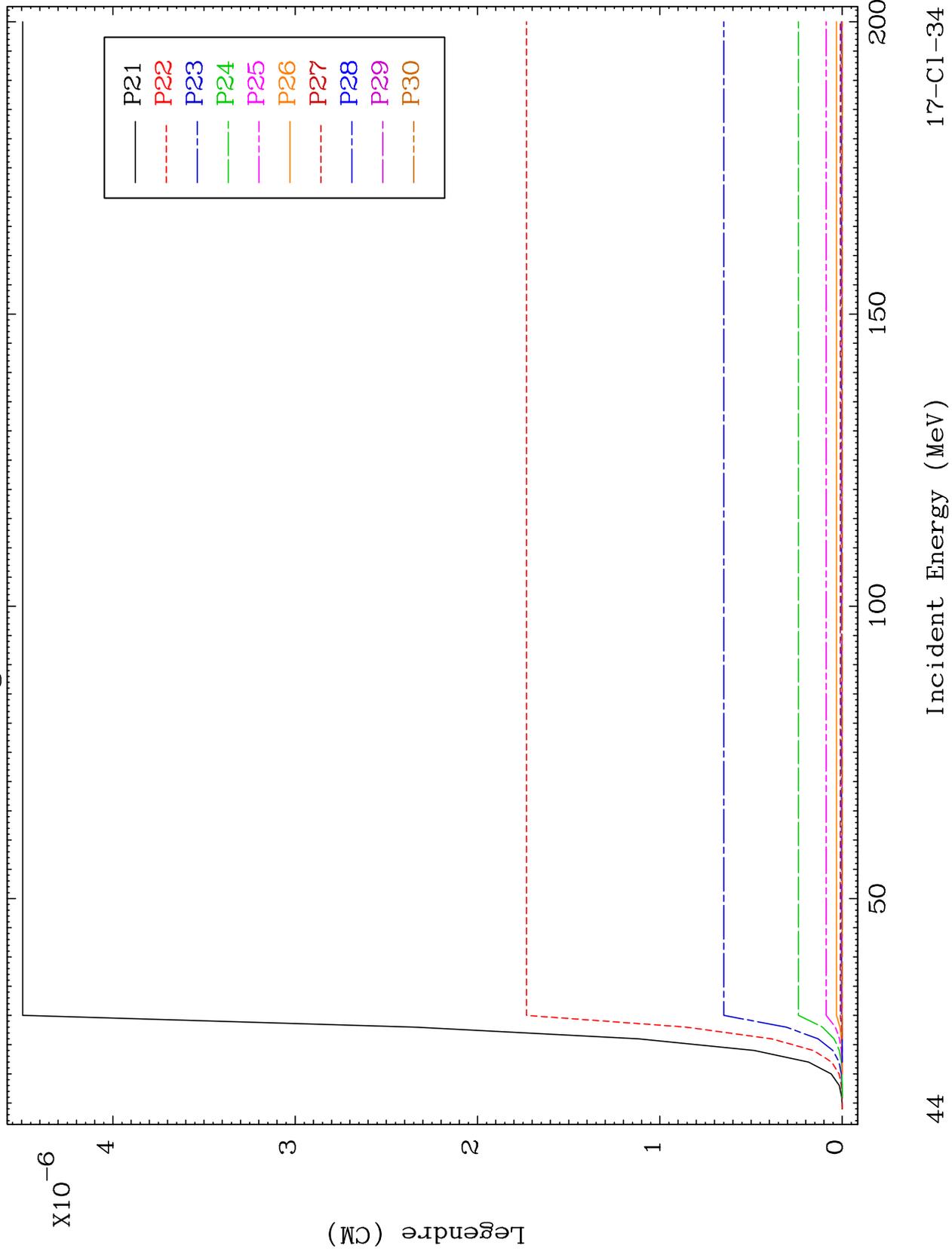
43

17-Cl-34

MAT 1722

MT= 59 (n,n') Level
Legendre Coefficients

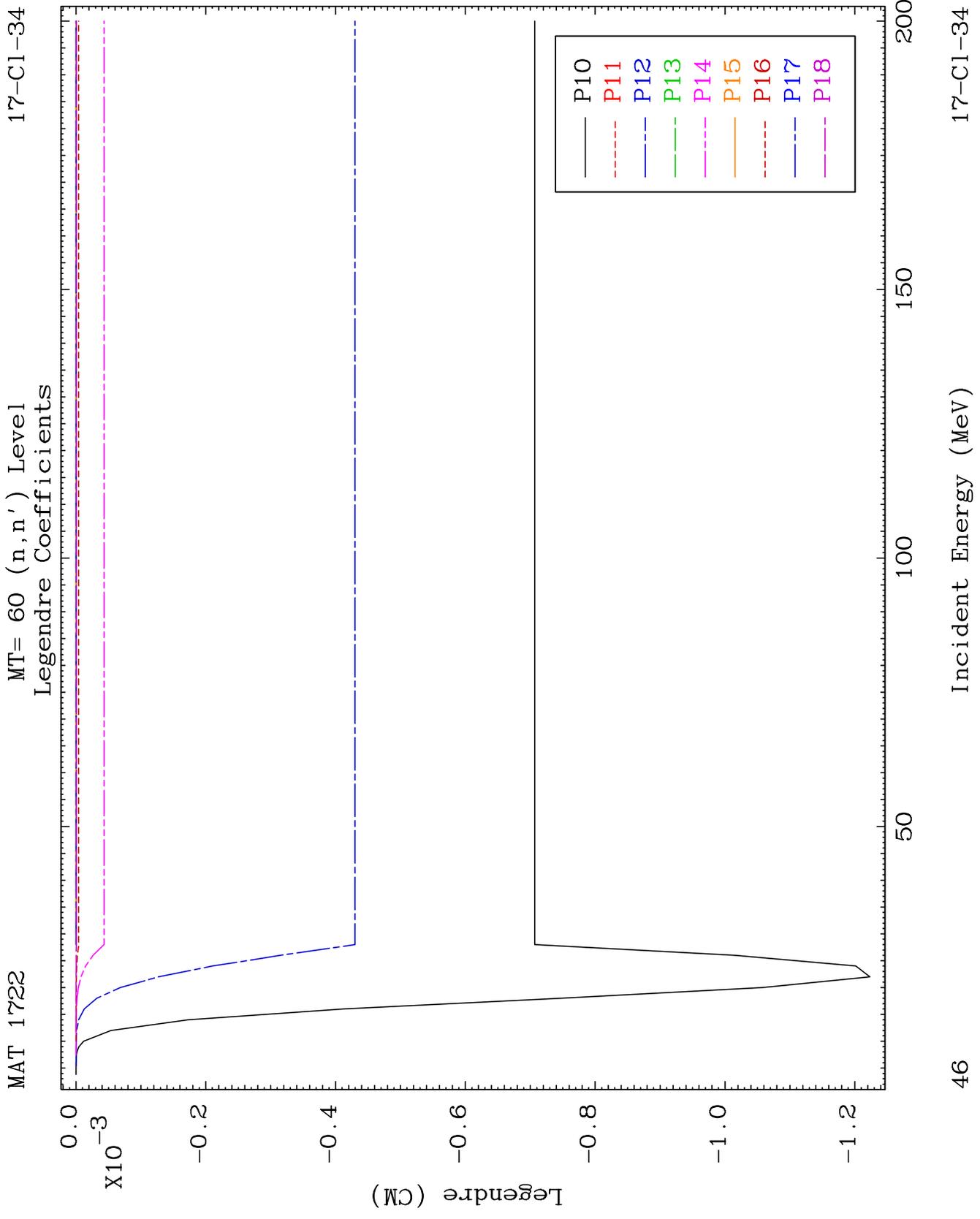
17-Cl-34

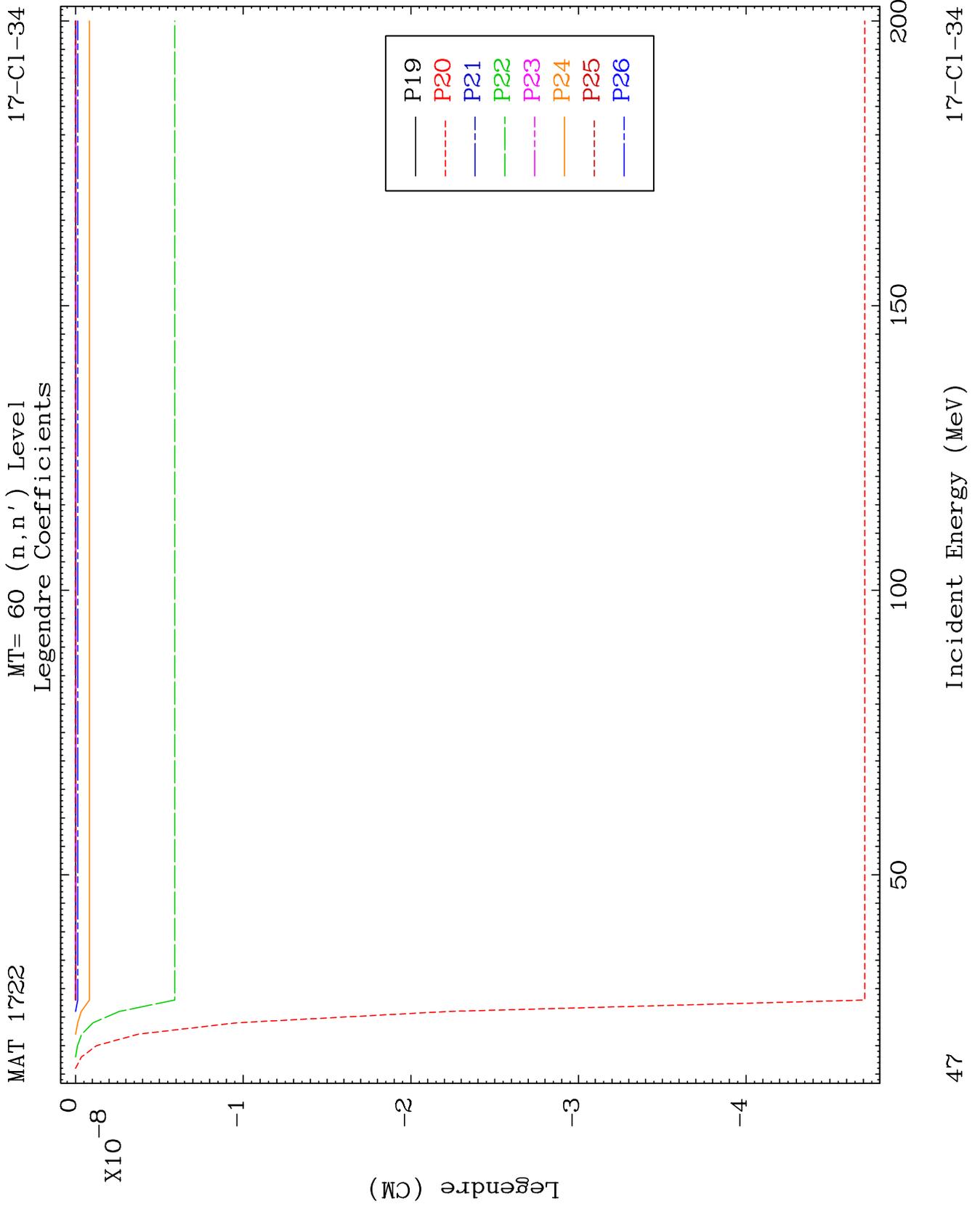


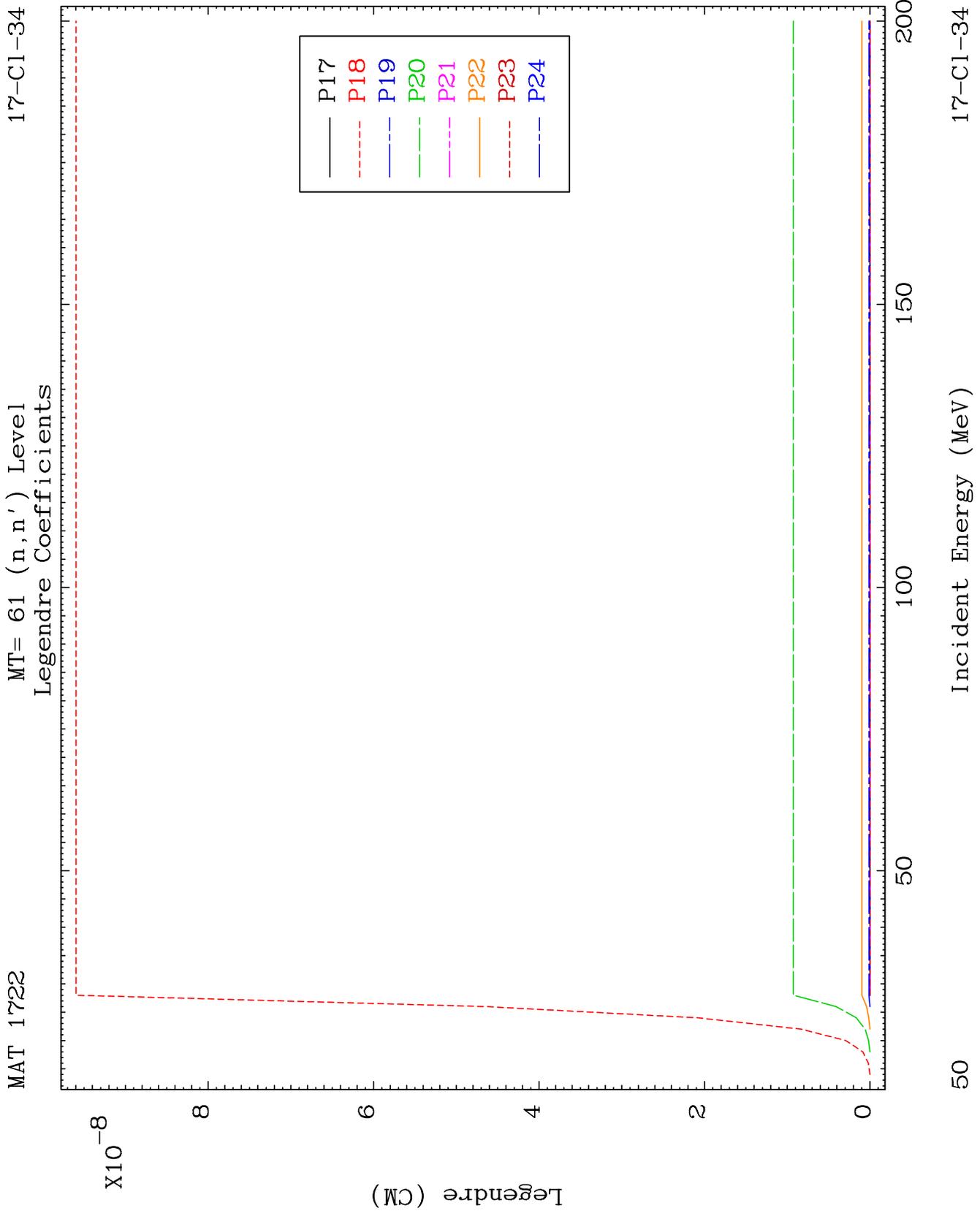
44

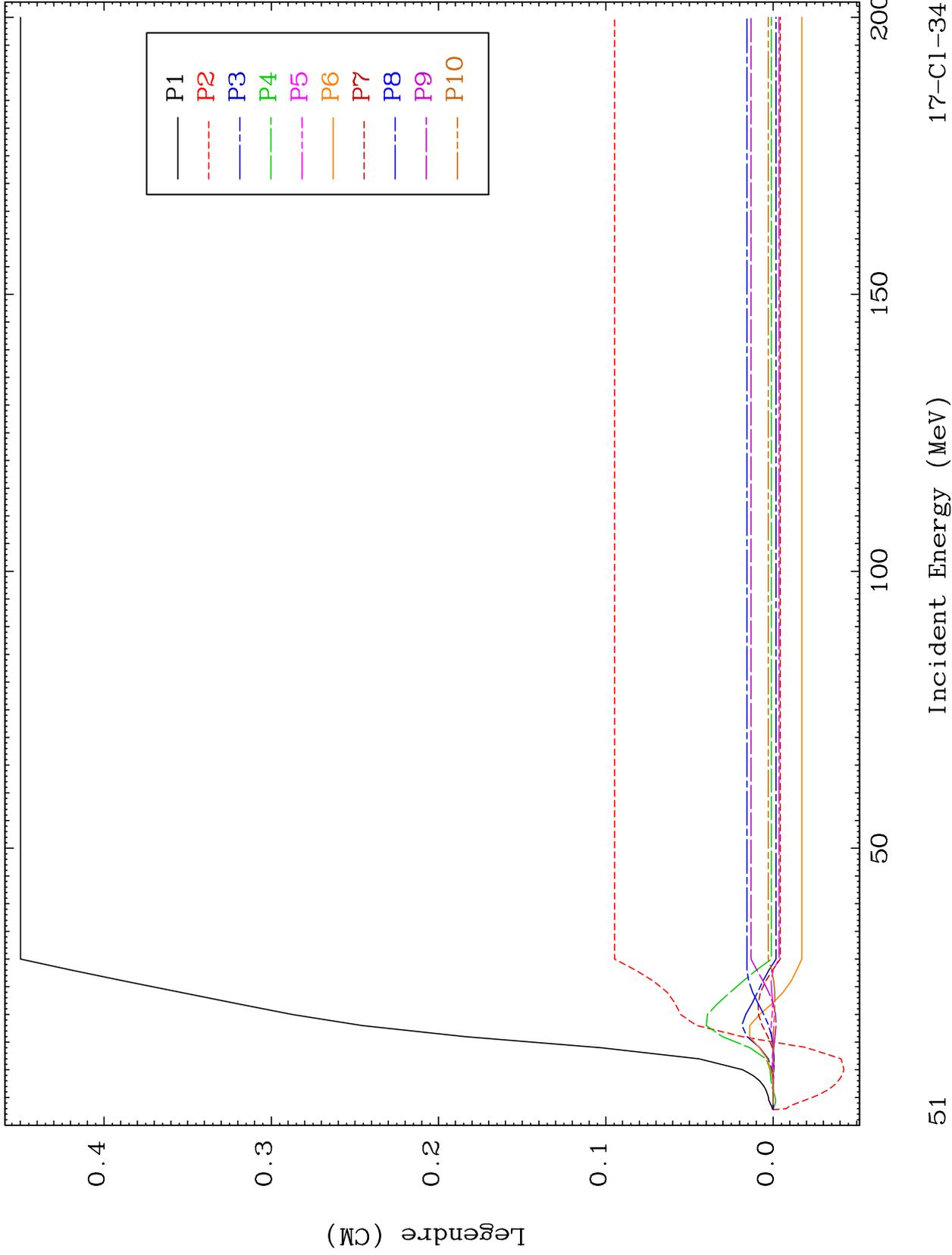
Incident Energy (MeV)

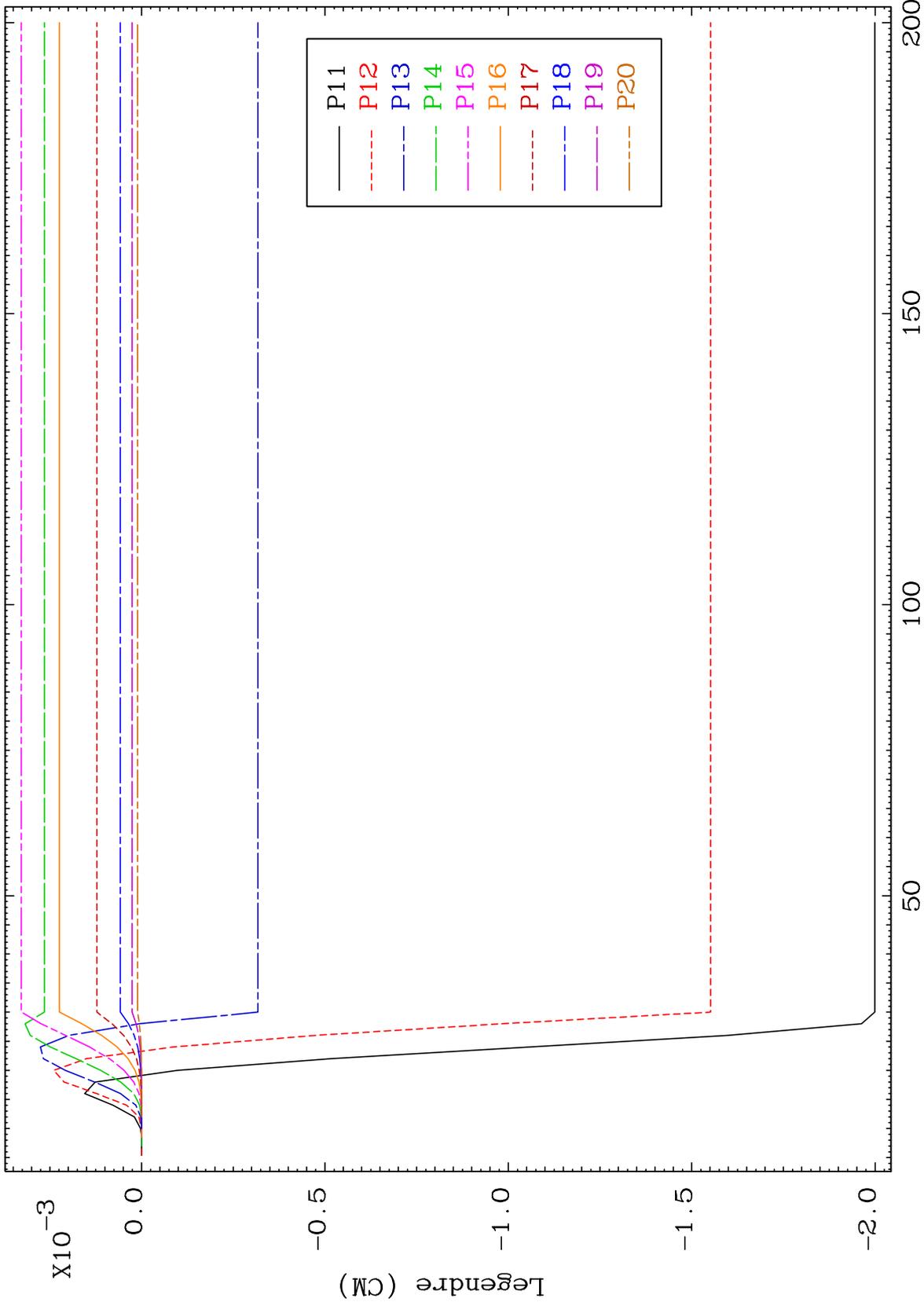
17-Cl-34







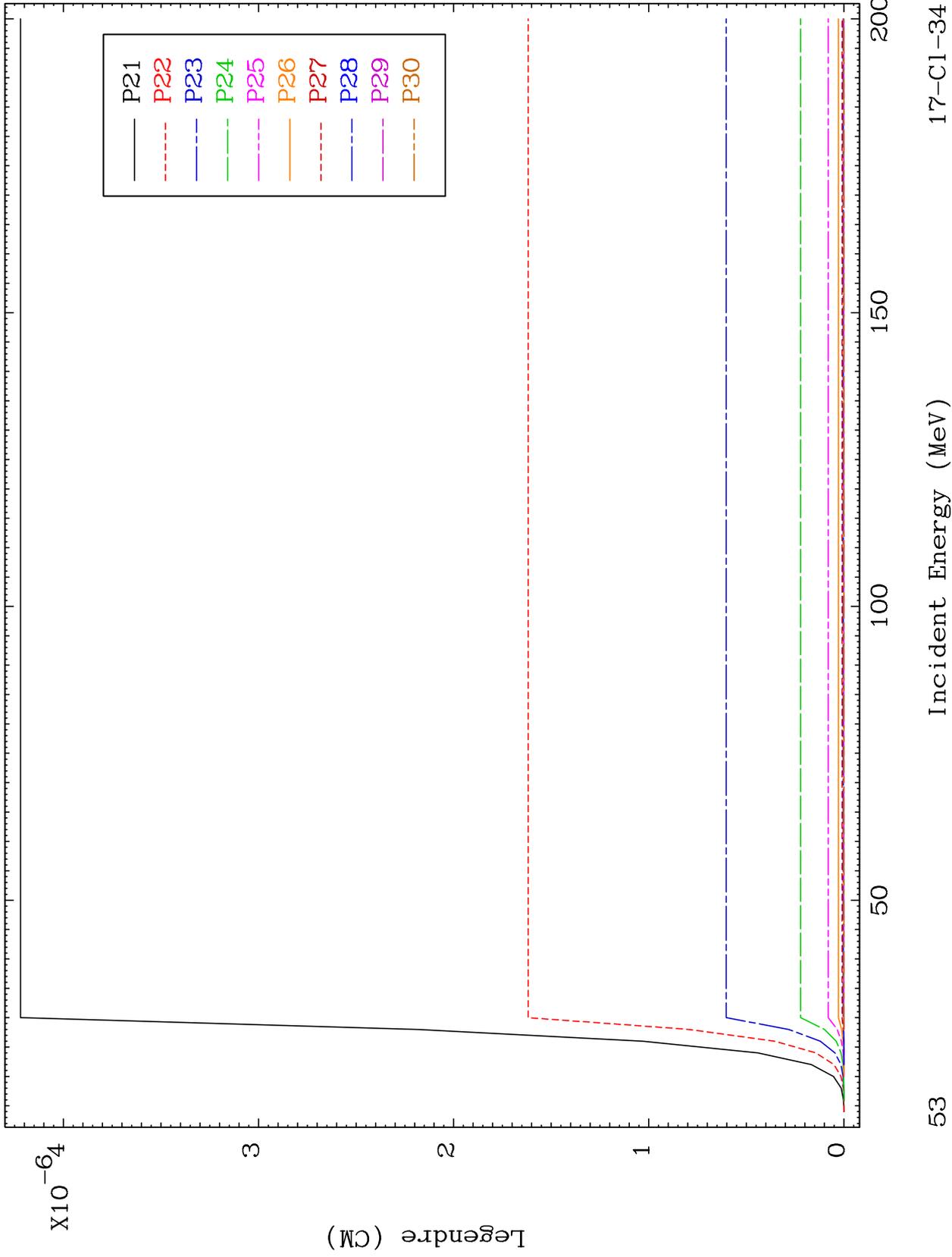


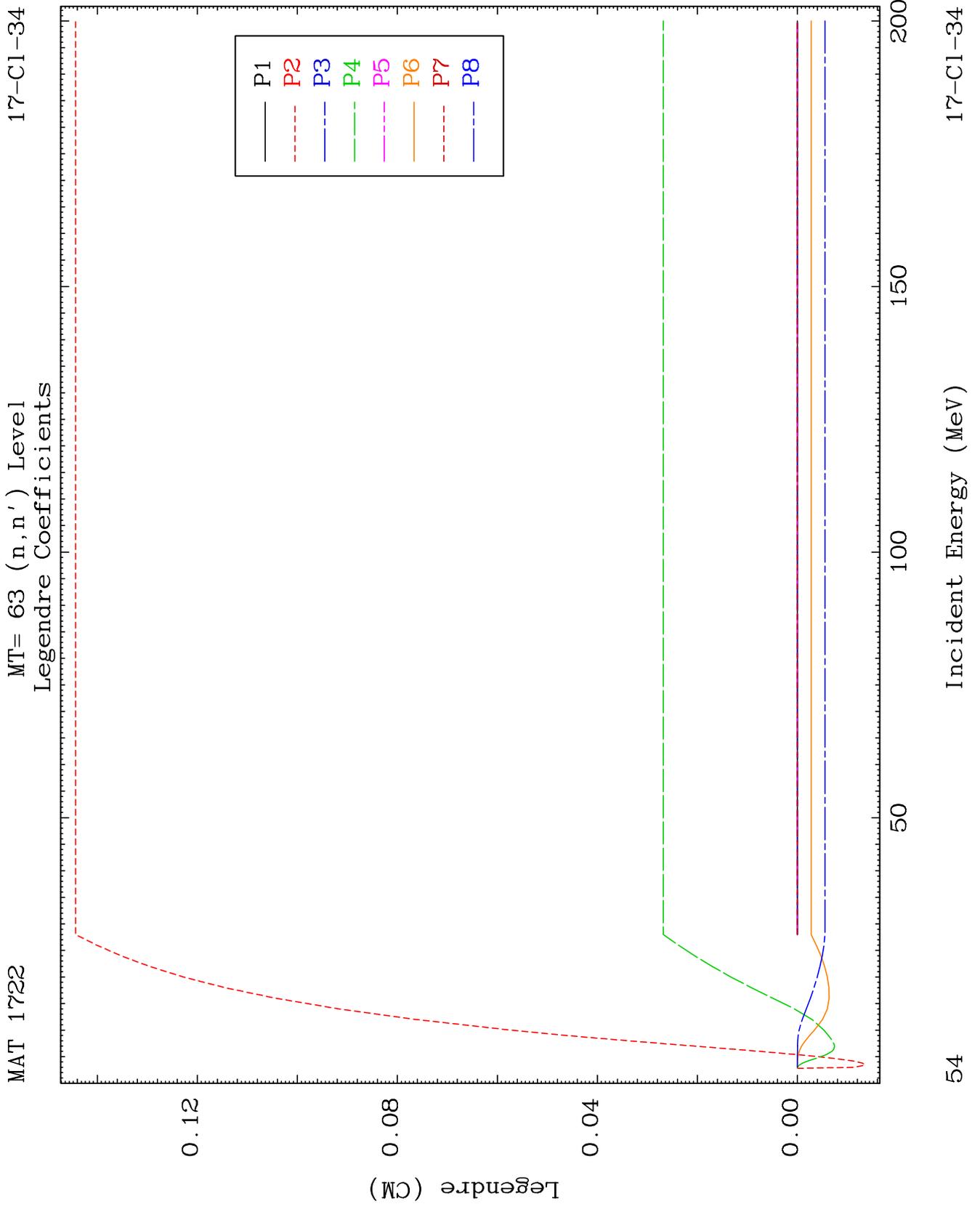


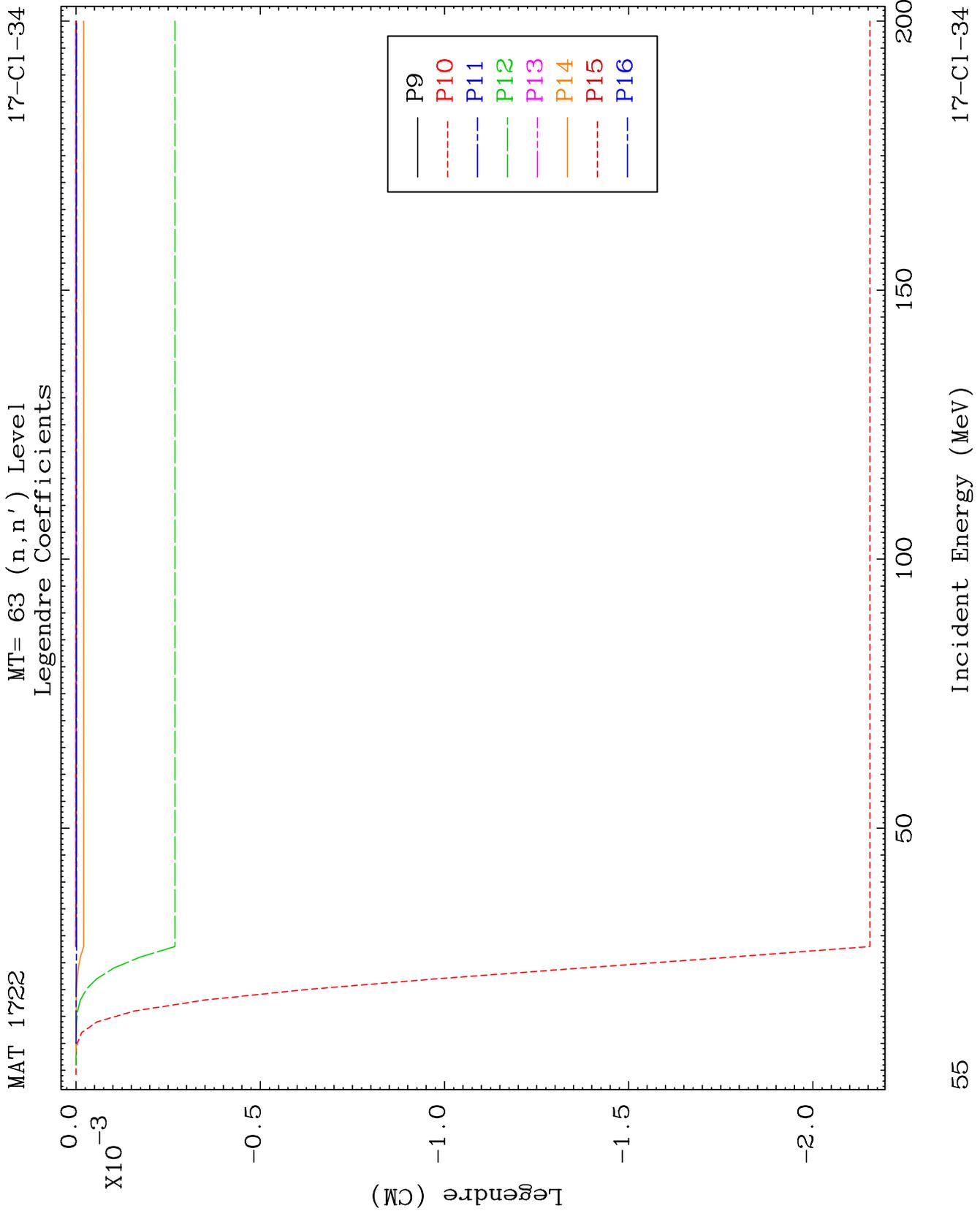
MAT 1722

MT= 62 (n,n') Level
Legendre Coefficients

17-Cl-34



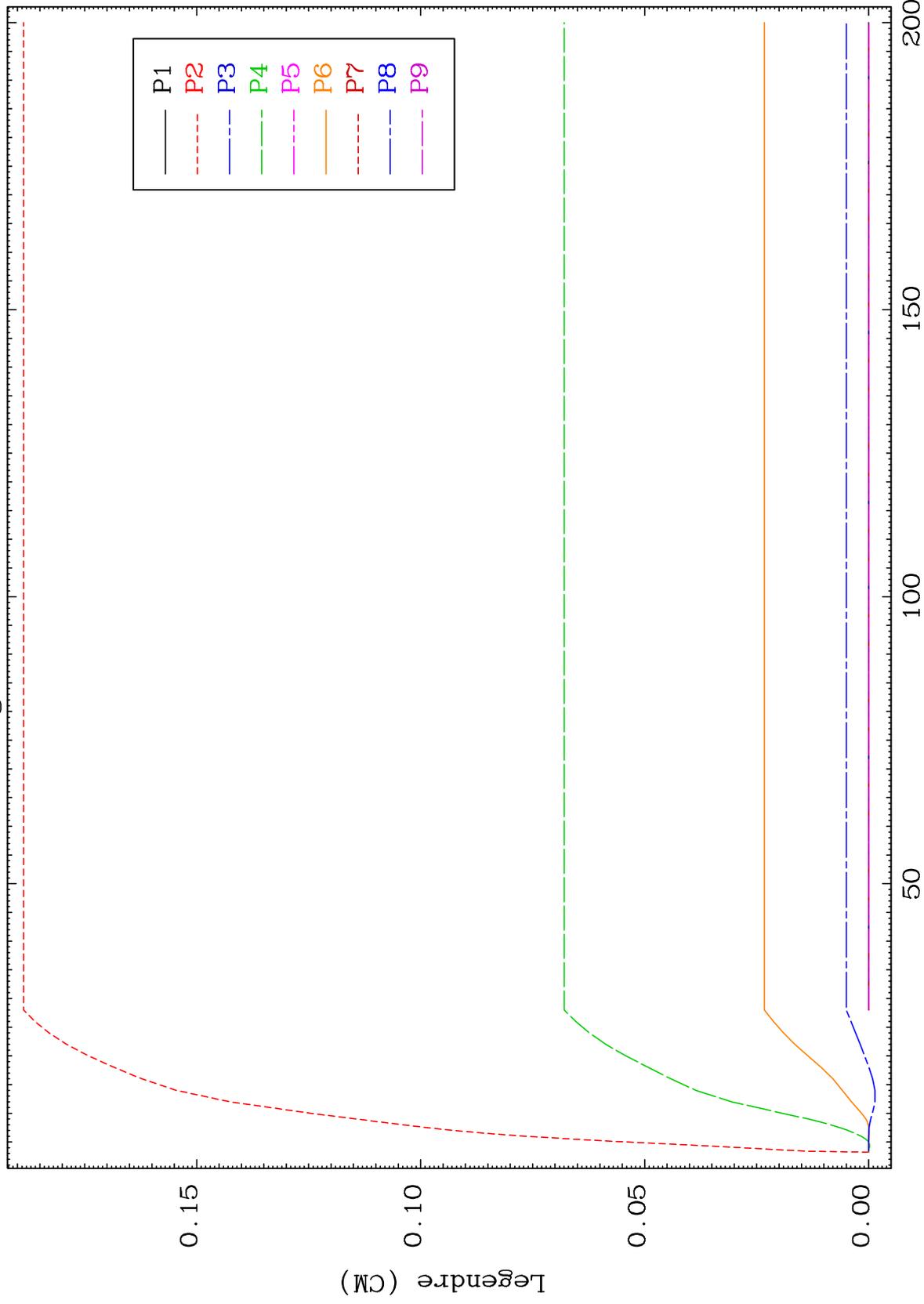




MAT 1722

MT= 64 (n,n') Level
Legendre Coefficients

17-Cl-34



57

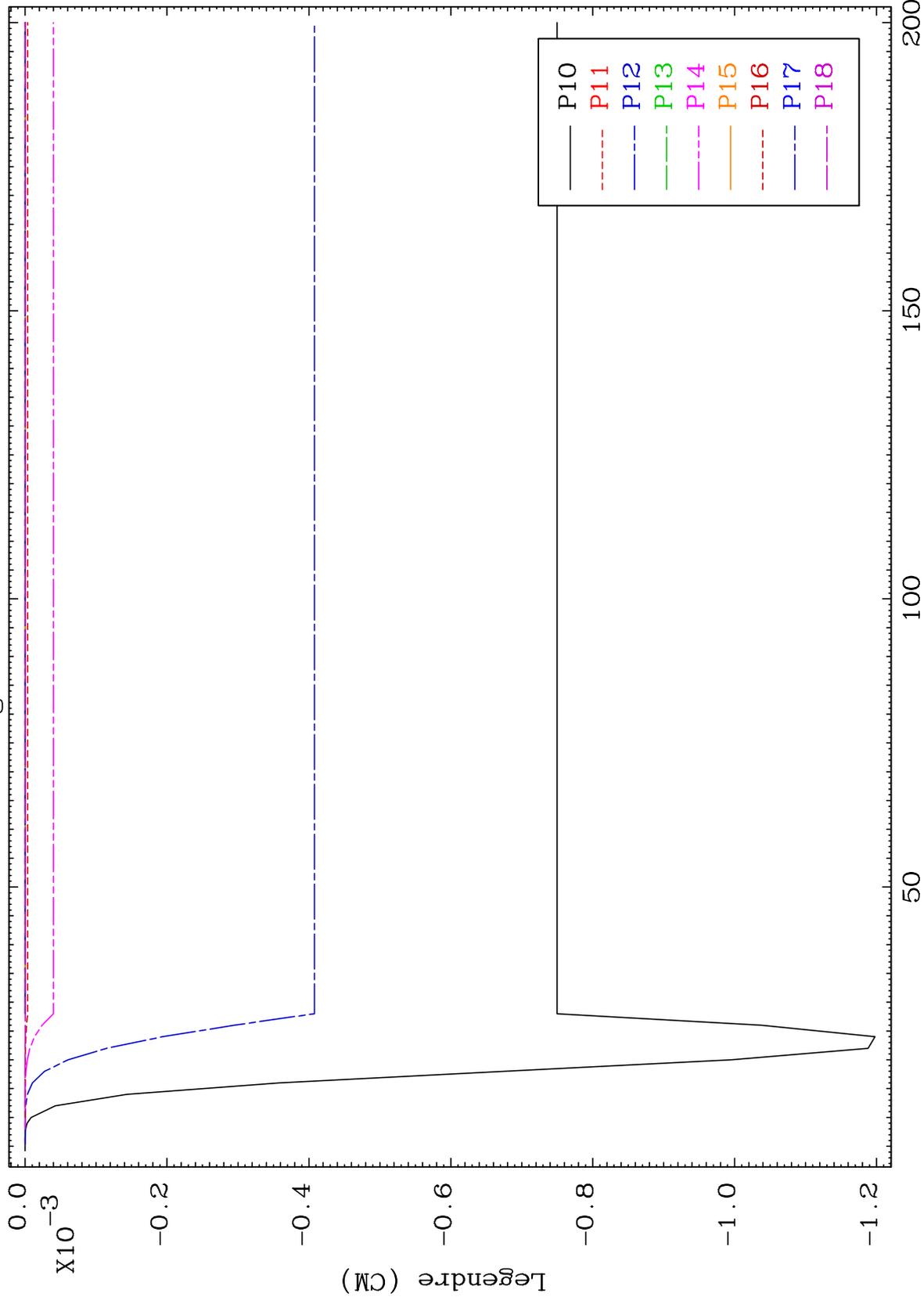
Incident Energy (MeV)

17-Cl-34

MAT 1722

MT= 64 (n,n') Level
Legendre Coefficients

17-Cl-34



17-Cl-34

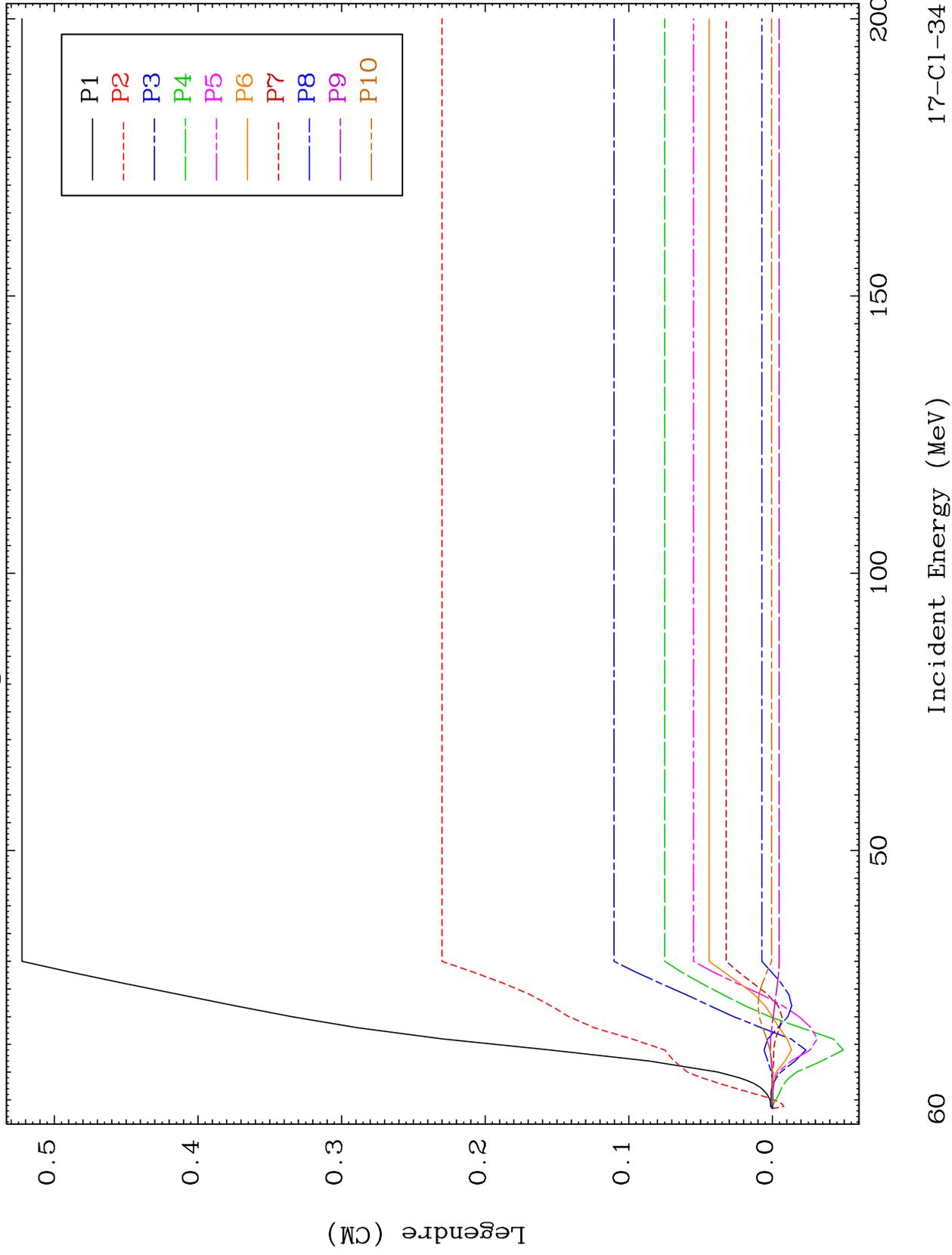
Incident Energy (MeV)

58

MAT 1722

MT= 65 (n,n') Level
Legendre Coefficients

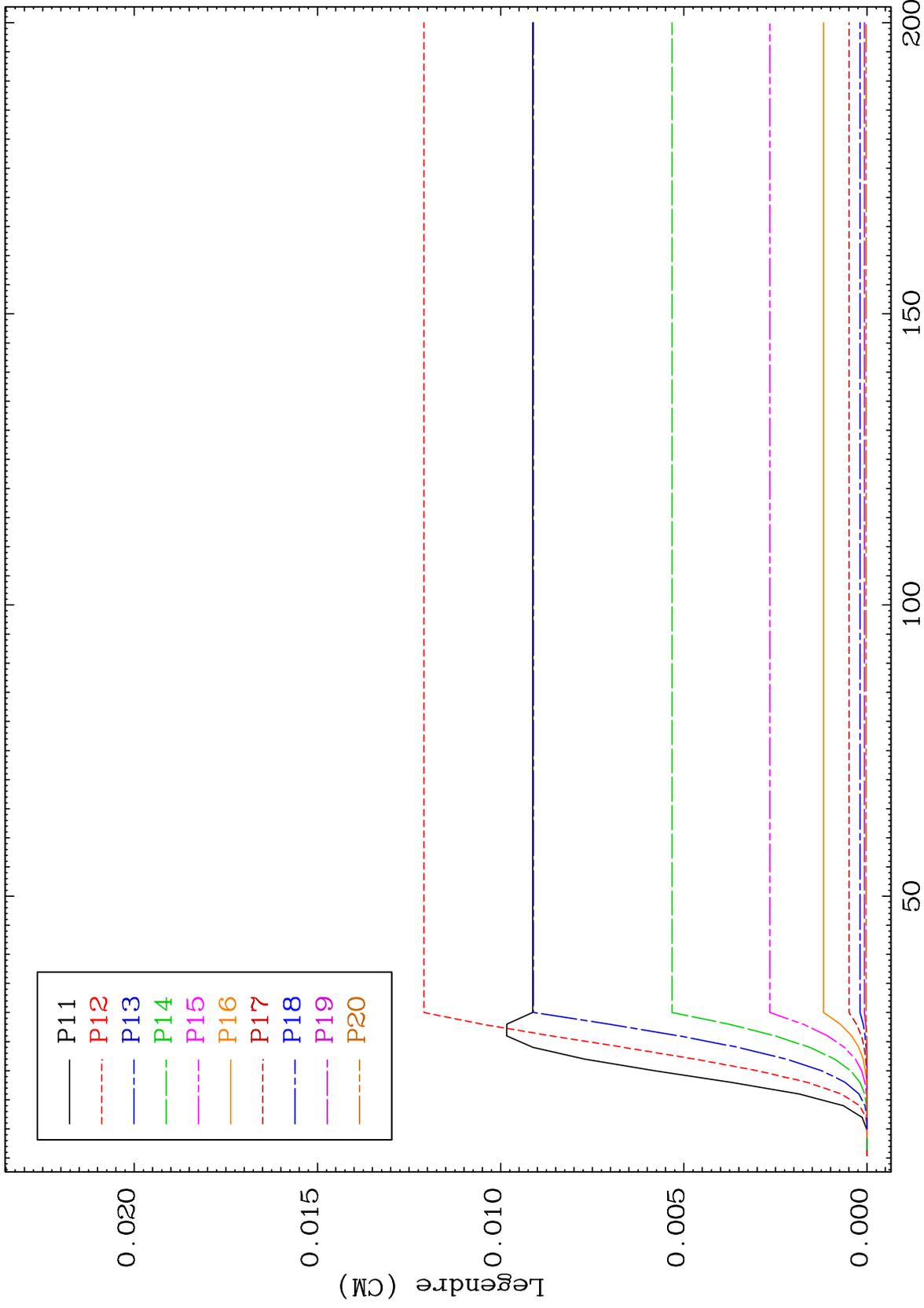
17-Cl-34



17-Cl-34

Incident Energy (MeV)

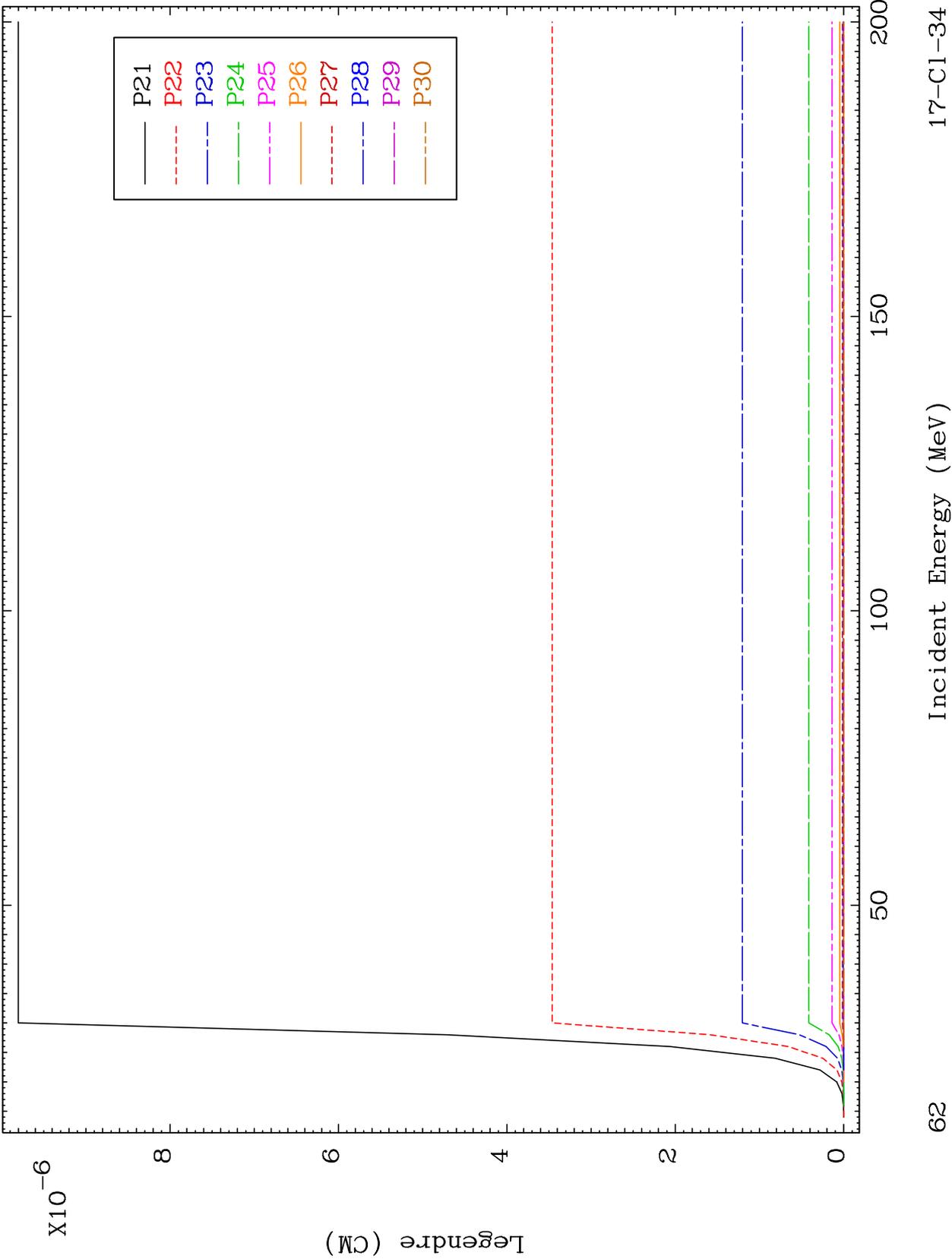
60



MAT 1722

MT= 65 (n,n') Level
Legendre Coefficients

17-Cl-34



62

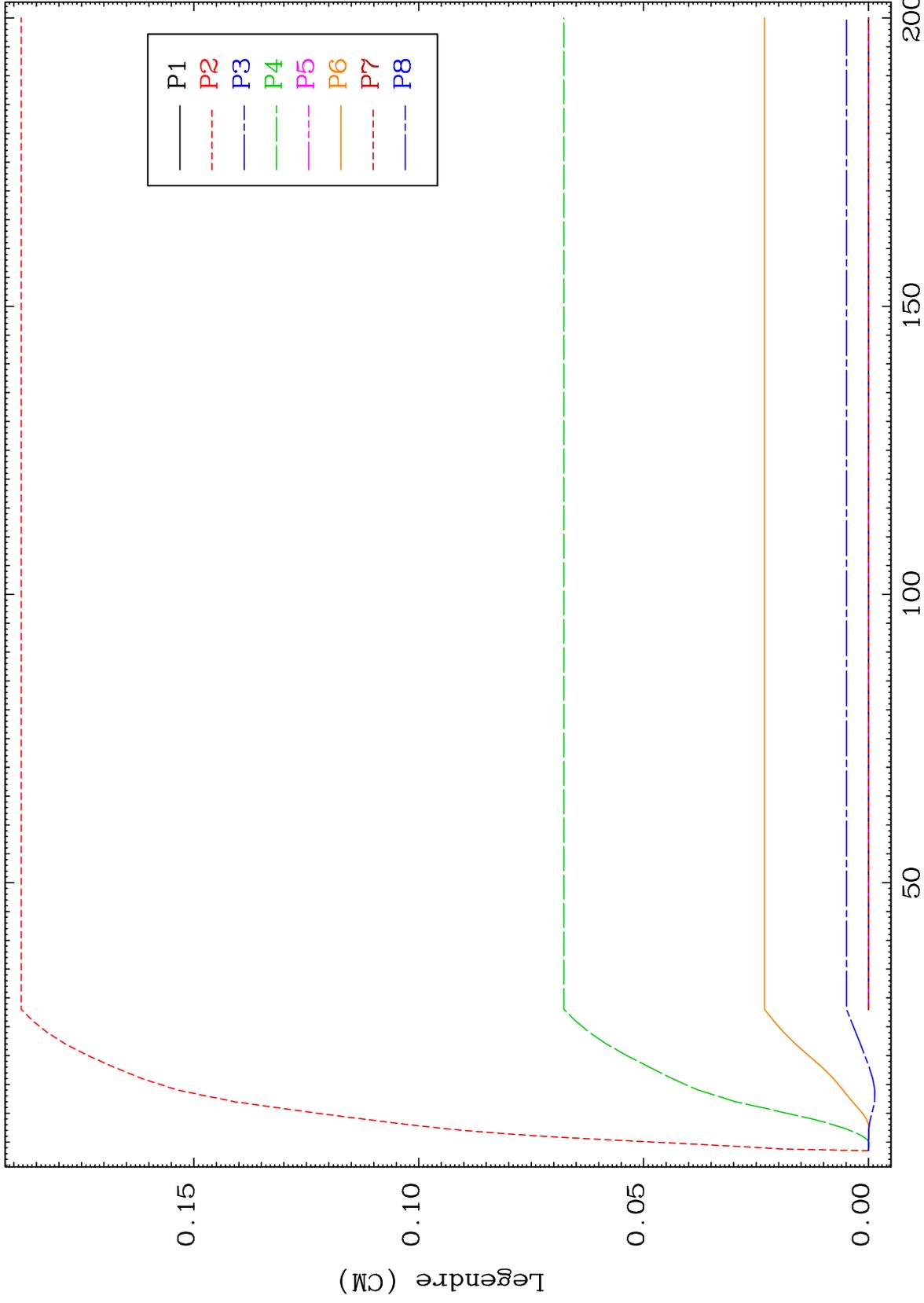
Incident Energy (MeV)

17-Cl-34

MAT 1722

MT= 66 (n,n') Level
Legendre Coefficients

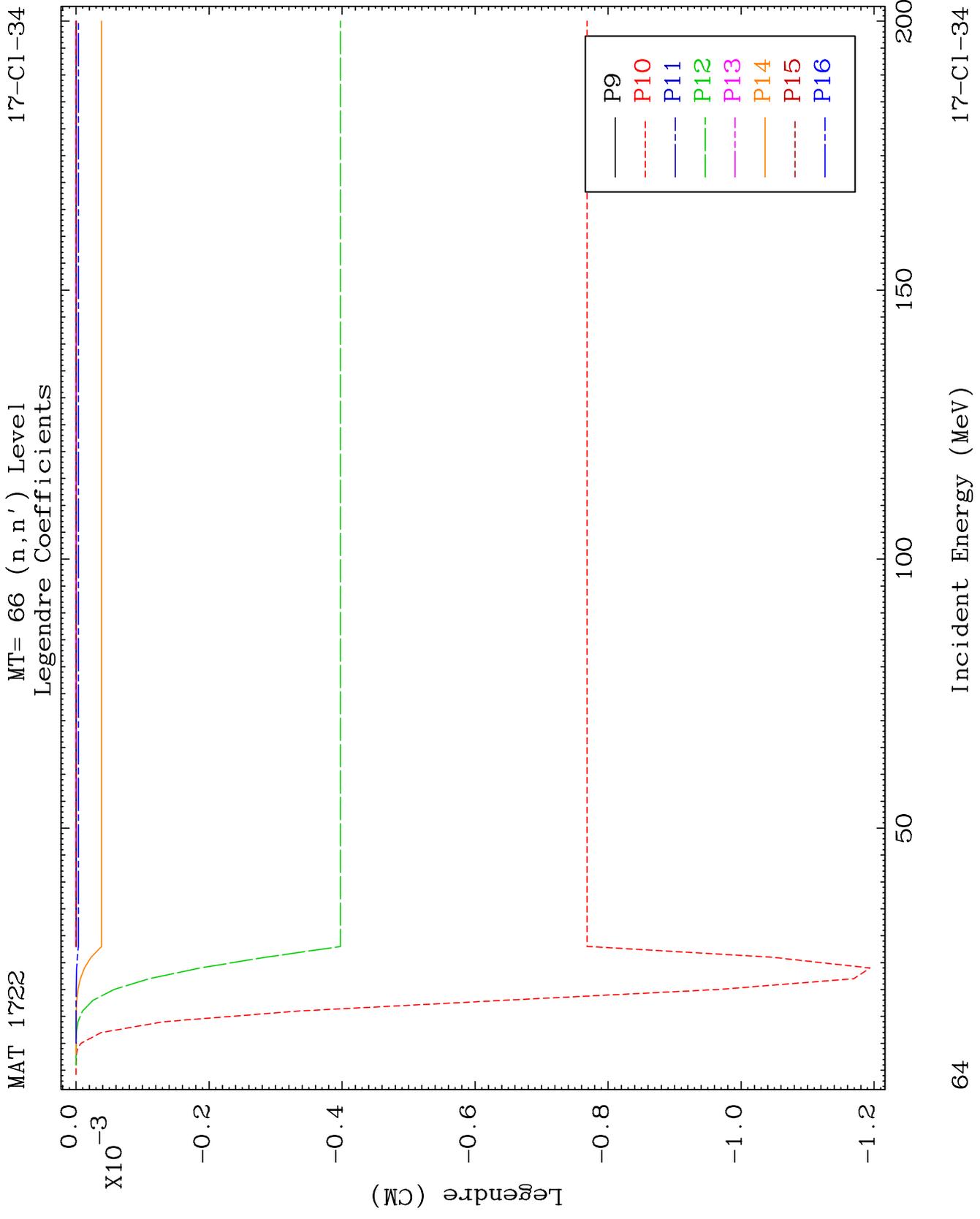
17-Cl-34

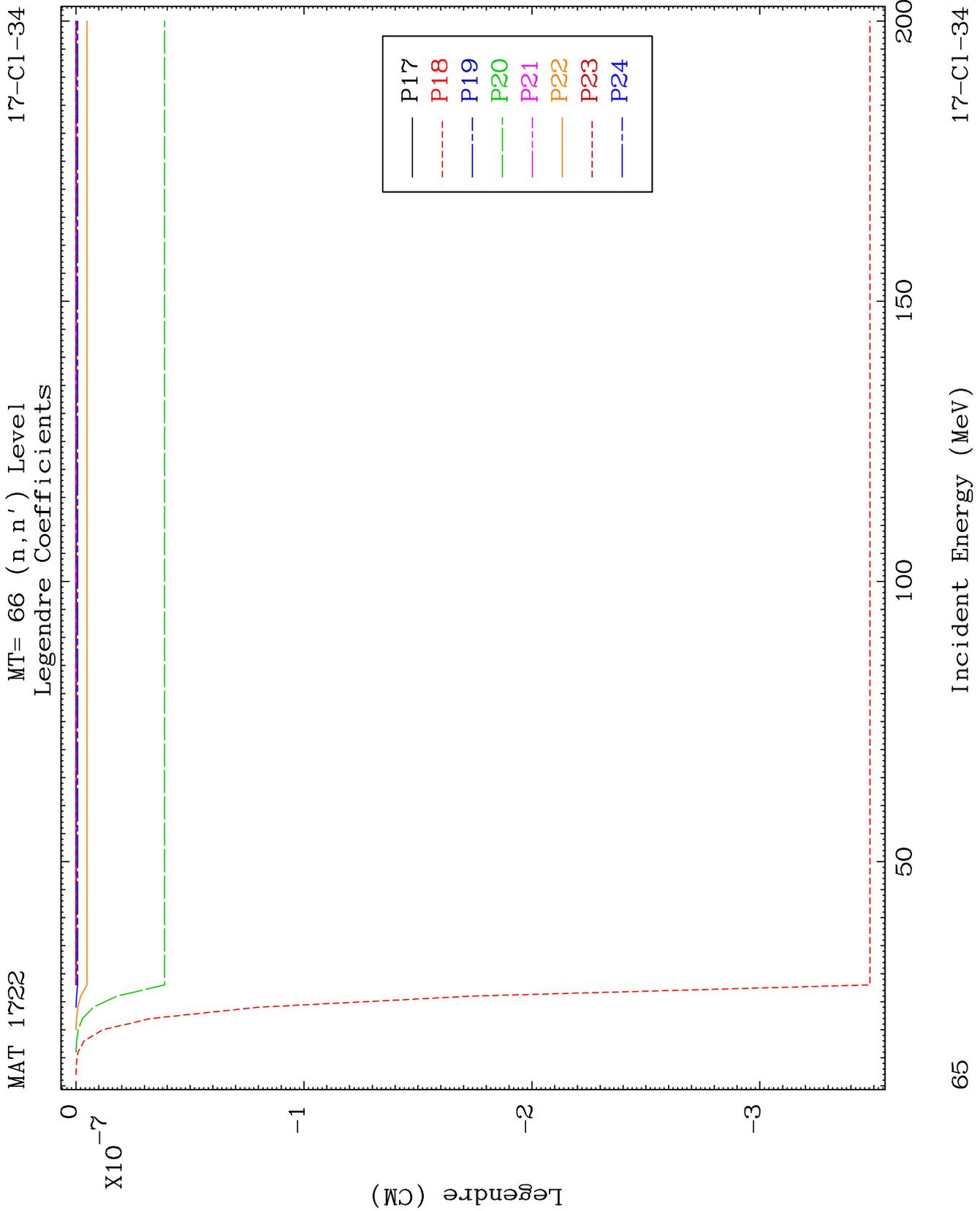


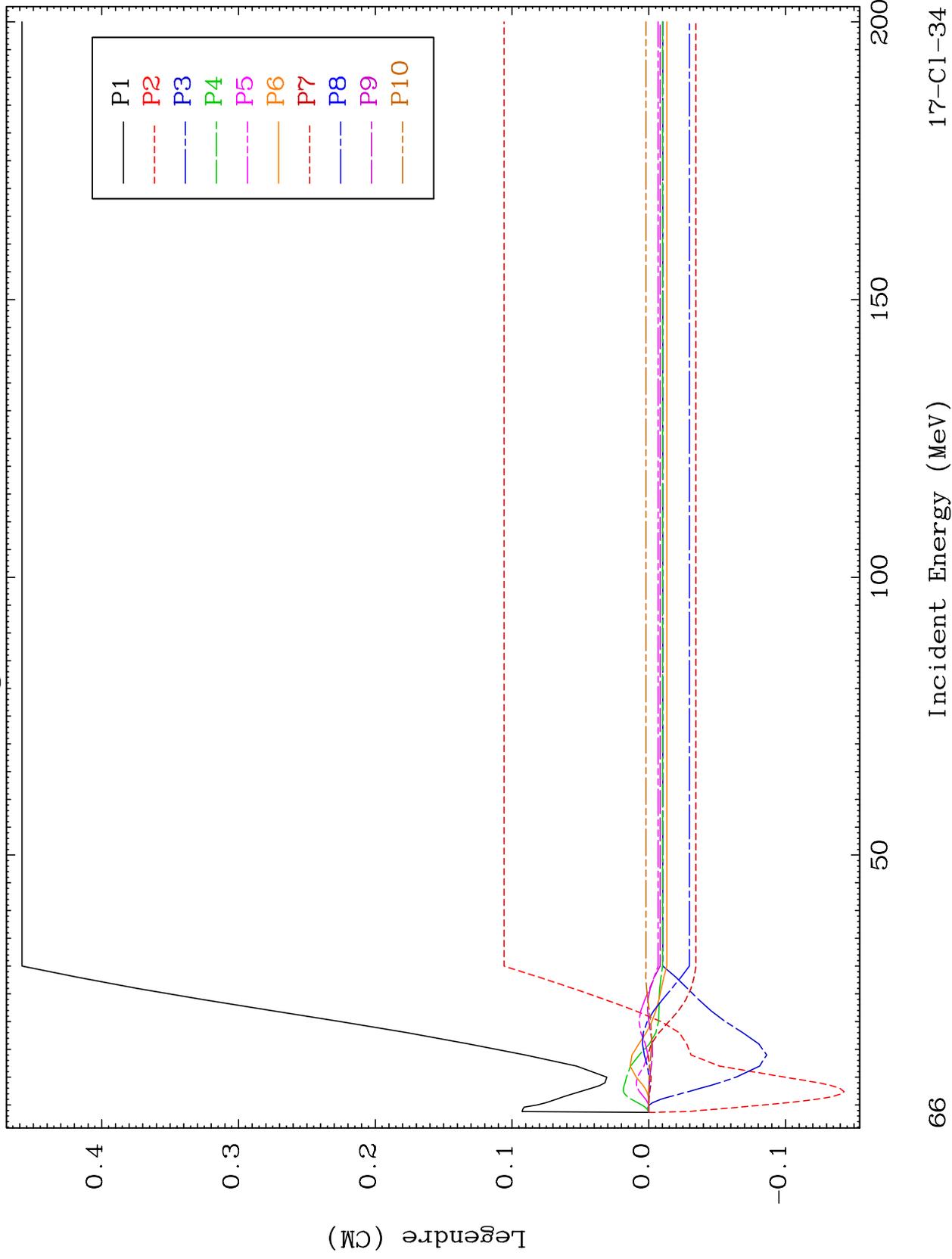
63

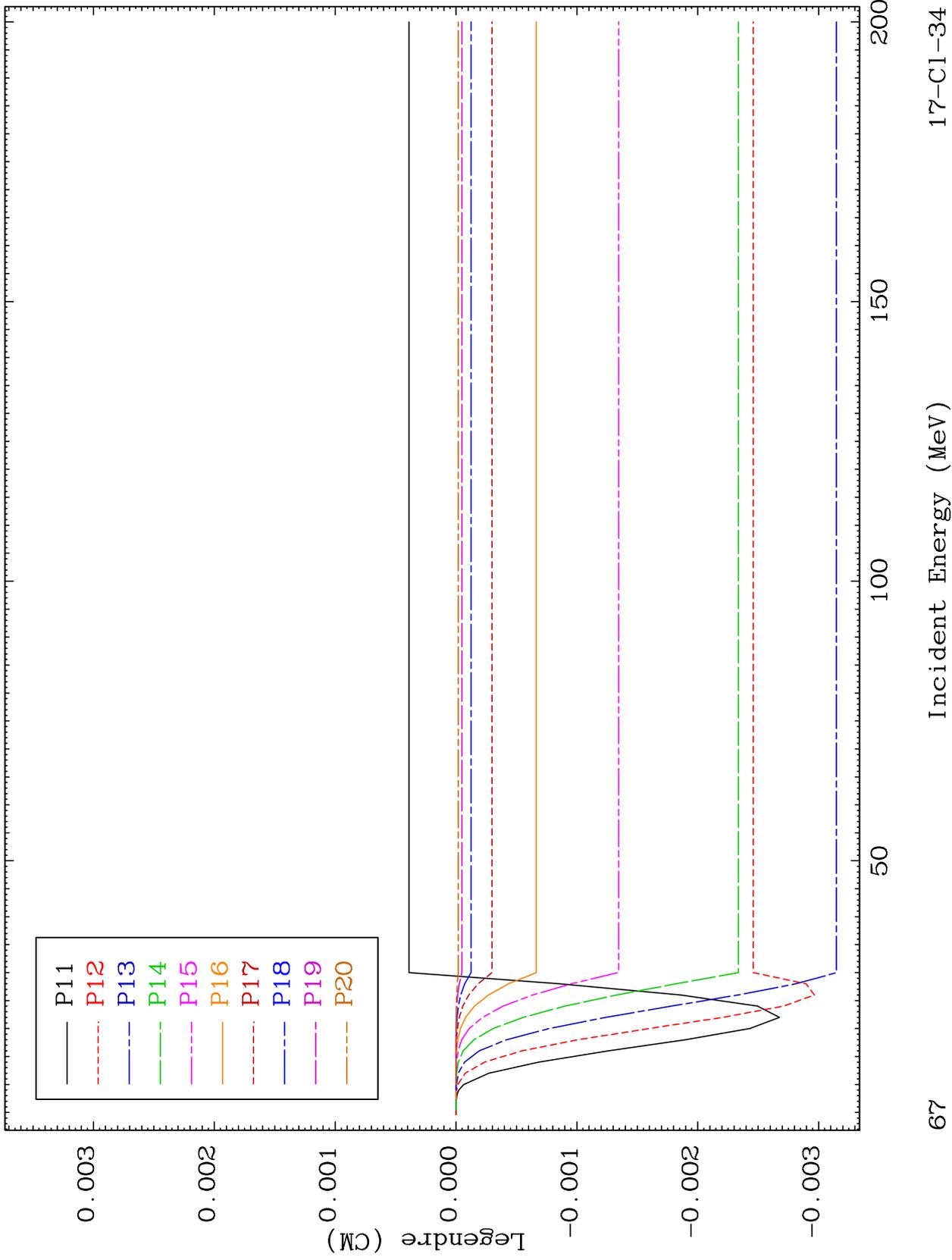
Incident Energy (MeV)

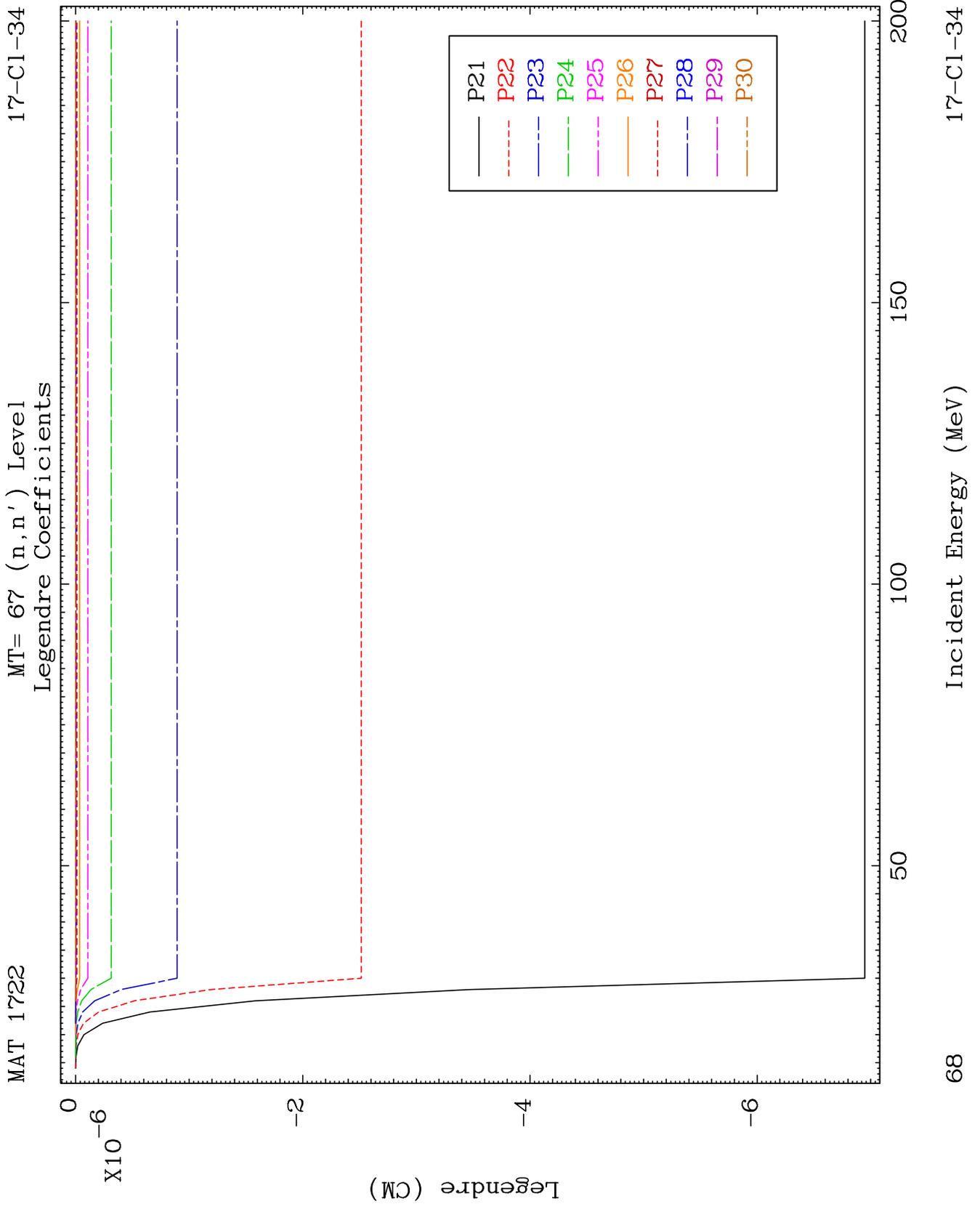
17-Cl-34



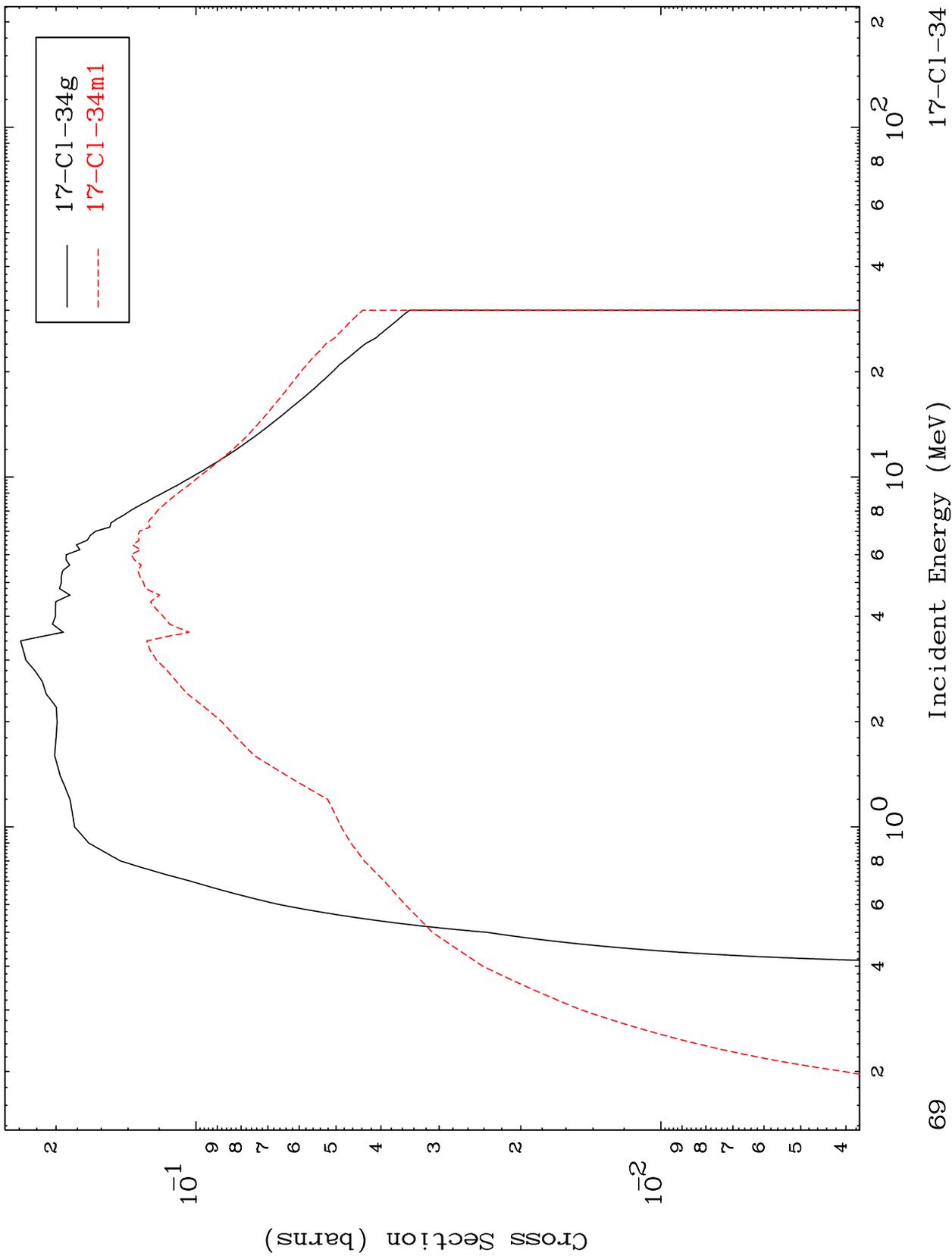




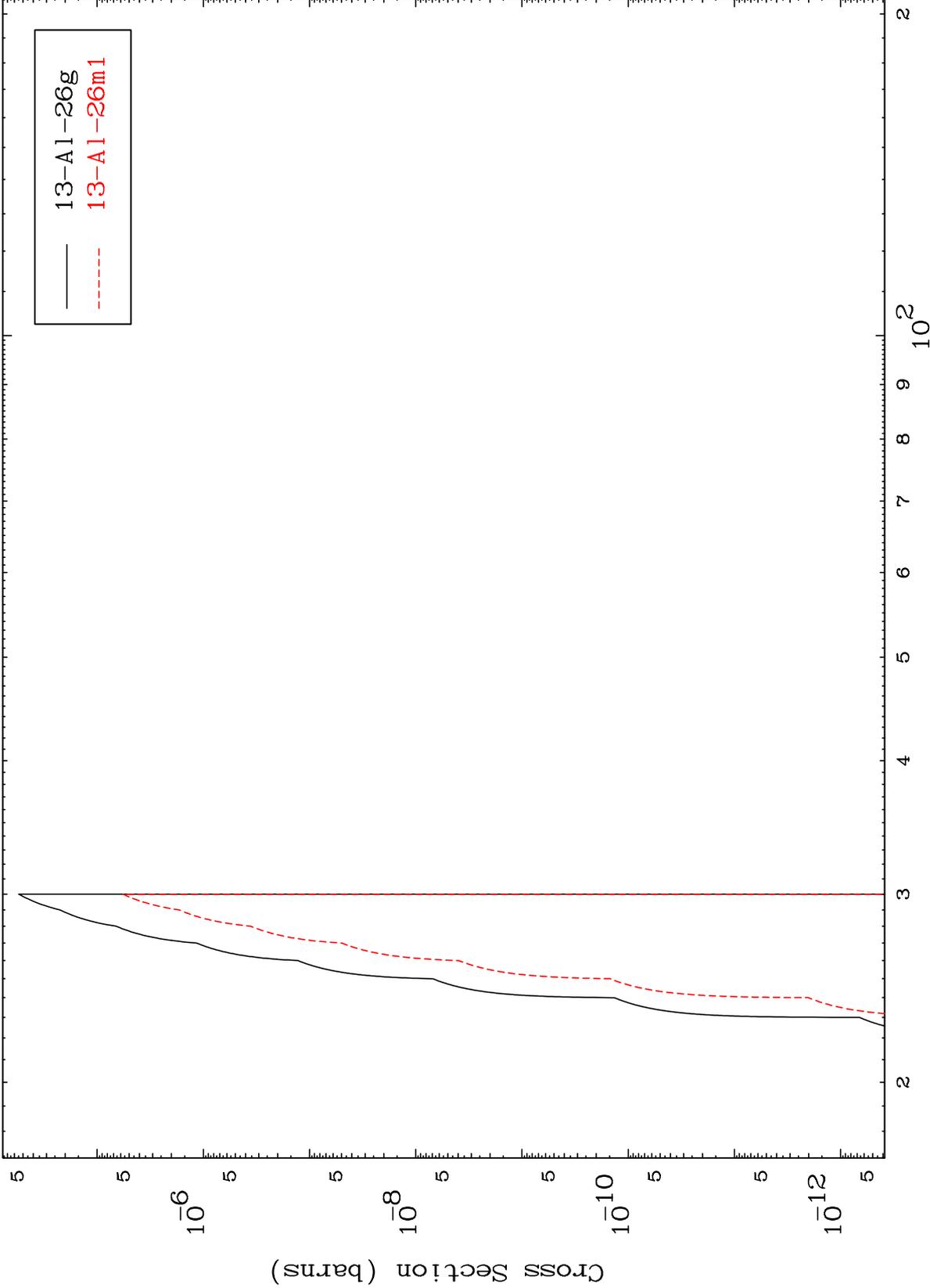




Inelastic
Radionuclide Production Cross Section



Radionuclide Production Cross Section



13-Al-26g
13-Al-26m1