

Program EVALPLOT
(Version 2017-1)

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

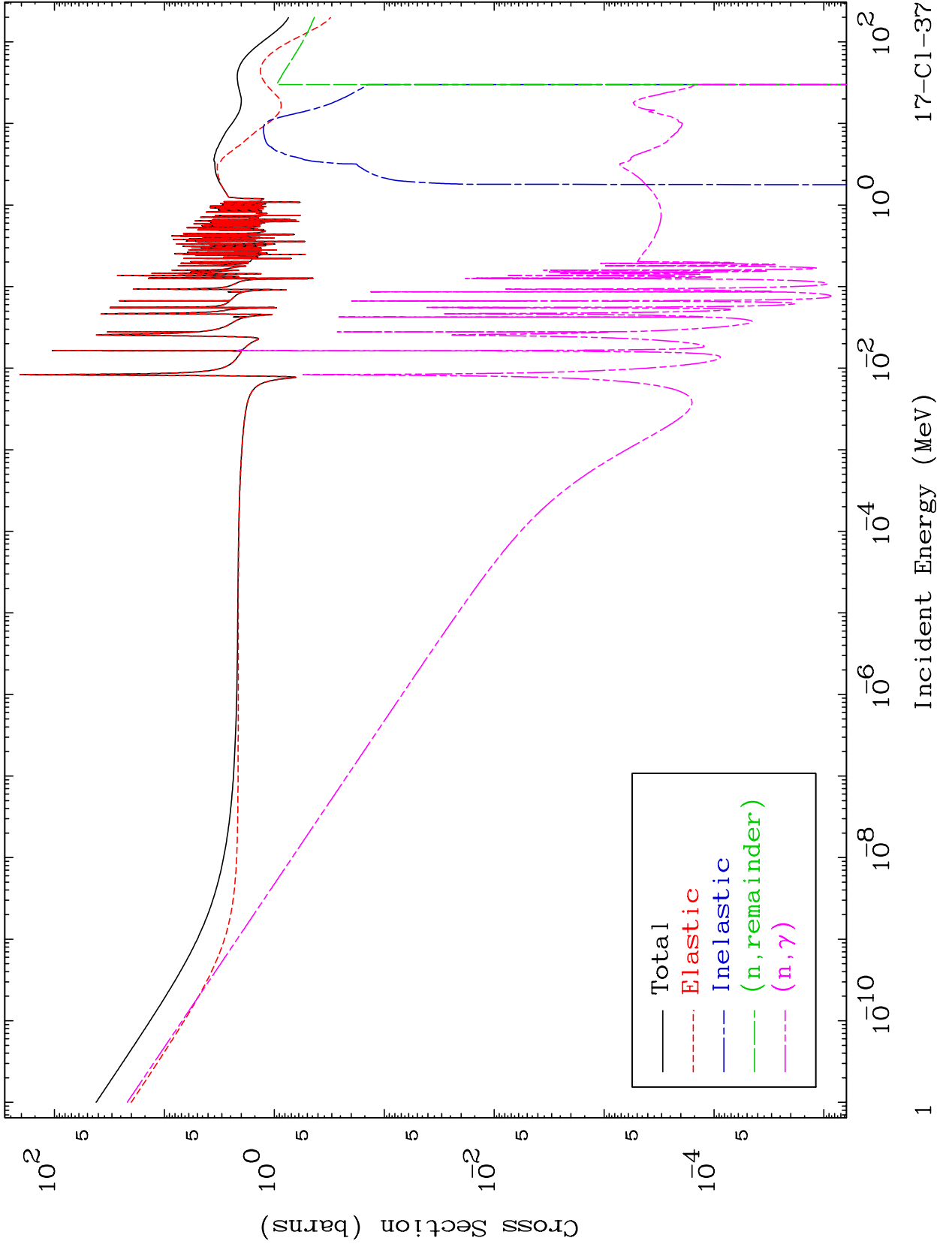
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1731

Major
293 Kelvin Cross Sections

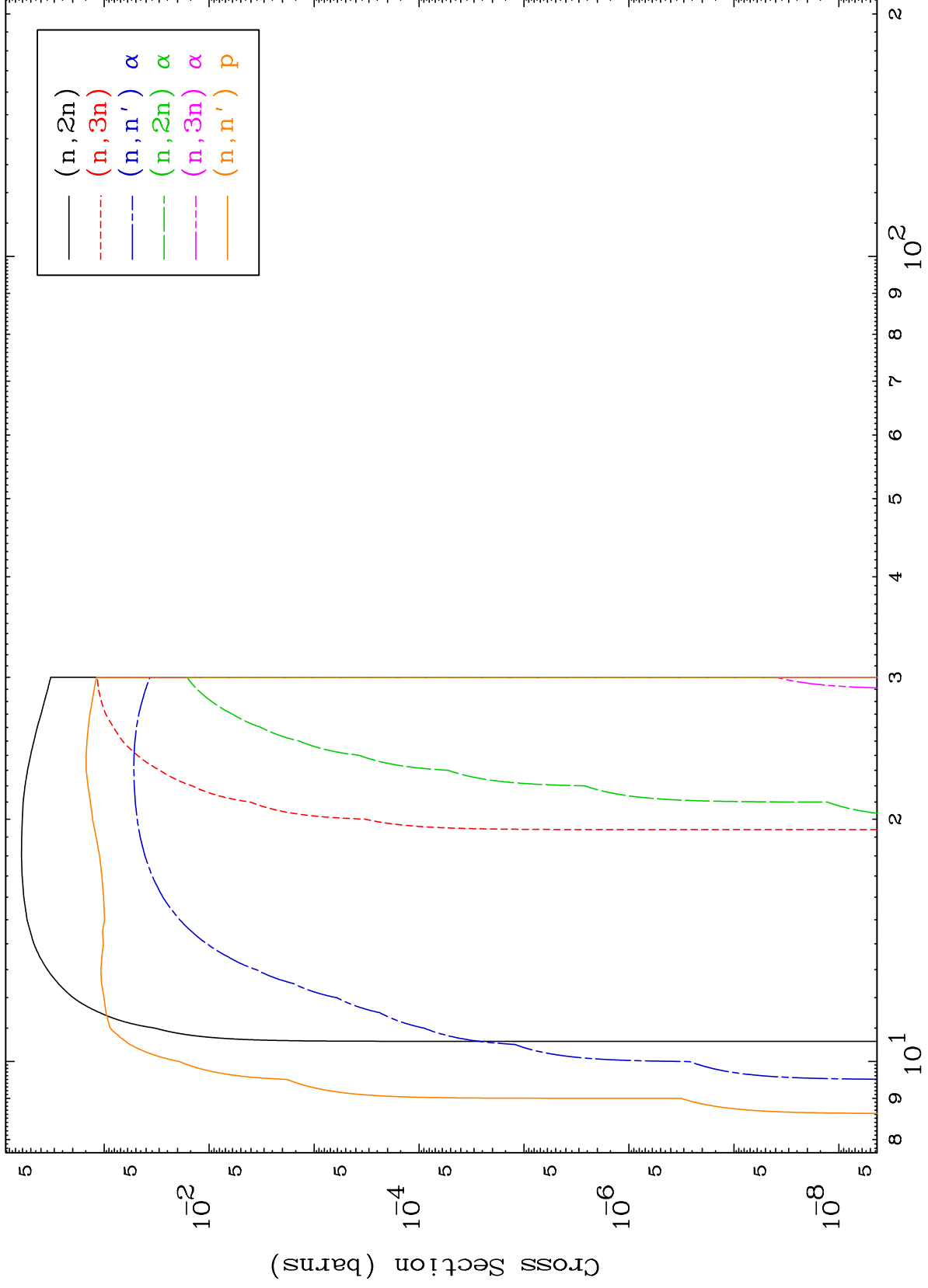
17-Cl-37



MAT 1731

Neutron Production
293 Kelvin Cross Sections

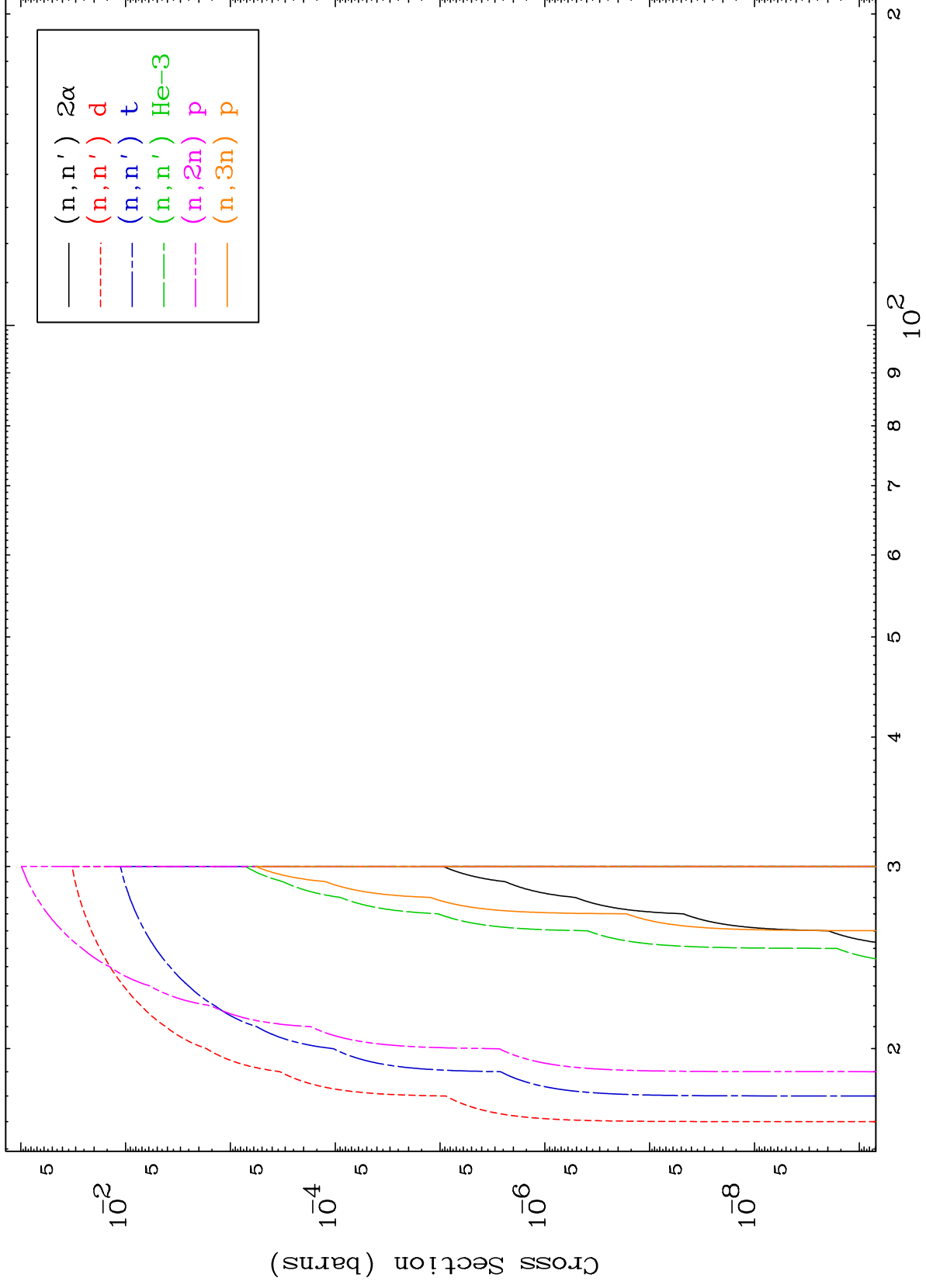
17-Cl-37



Incident Energy (MeV)

17-Cl-37

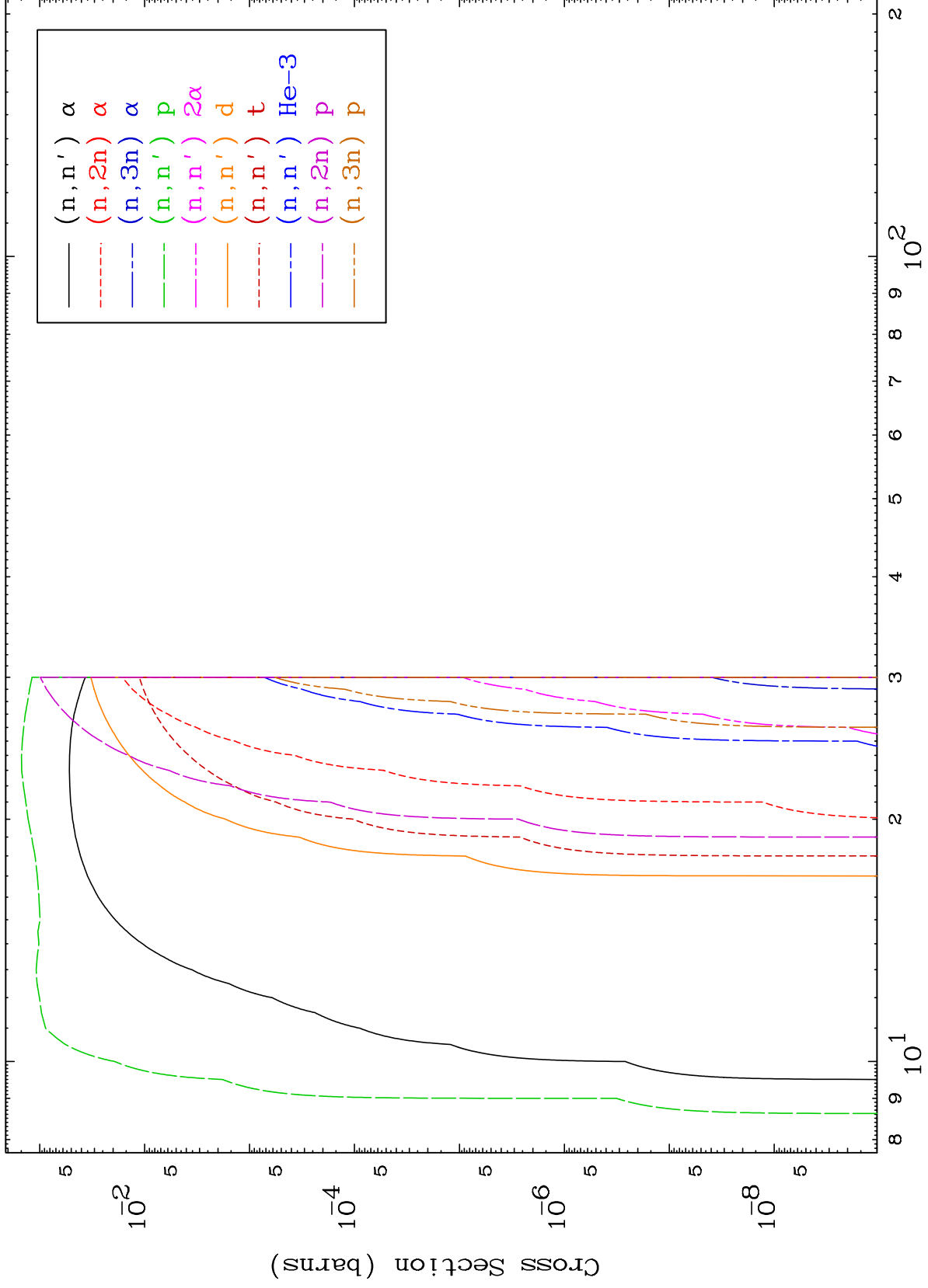
2



MAT 1731

Charged Particle
293 Kelvin Cross Sections

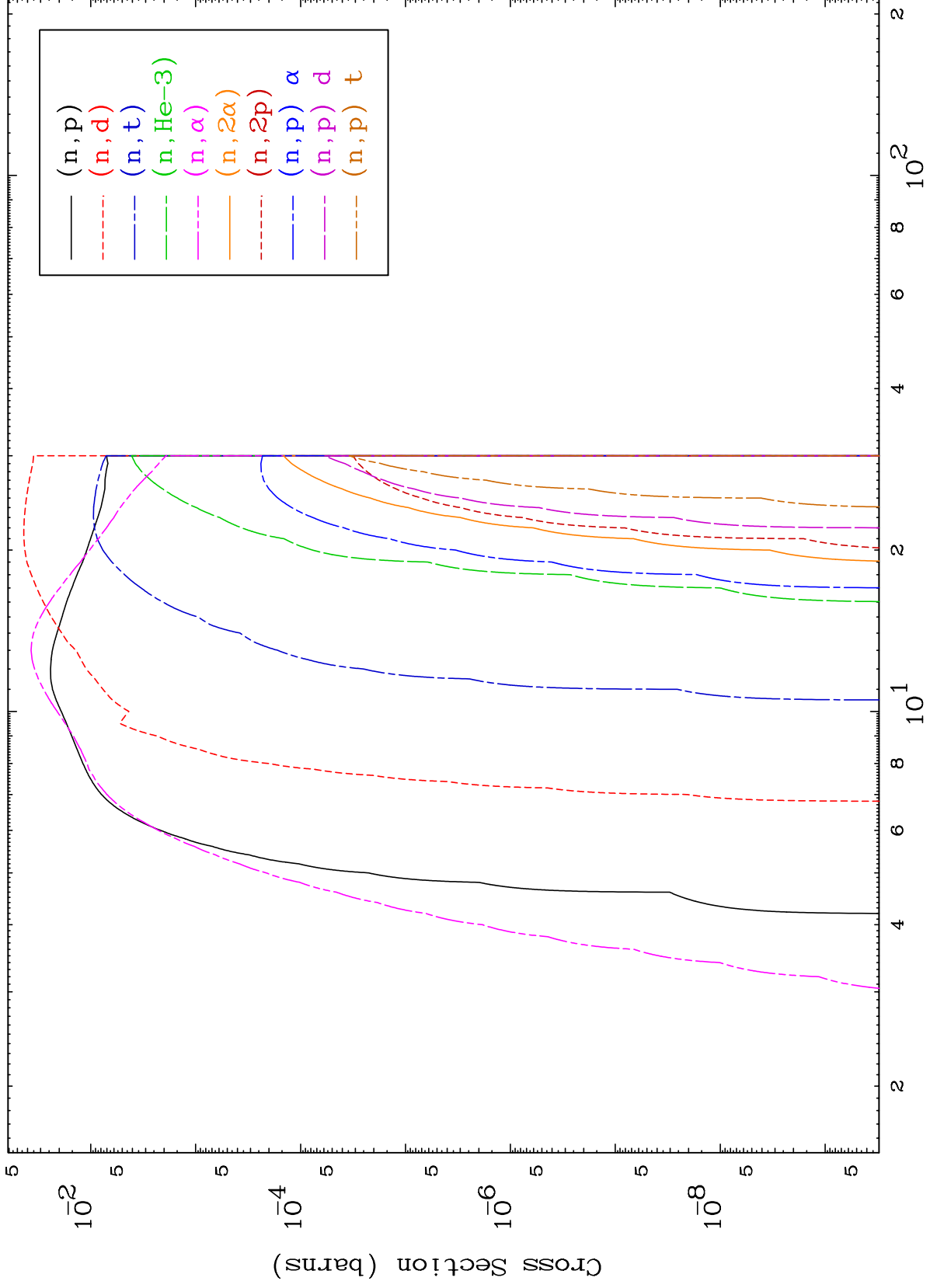
17-Cl-37



4

Incident Energy (MeV)

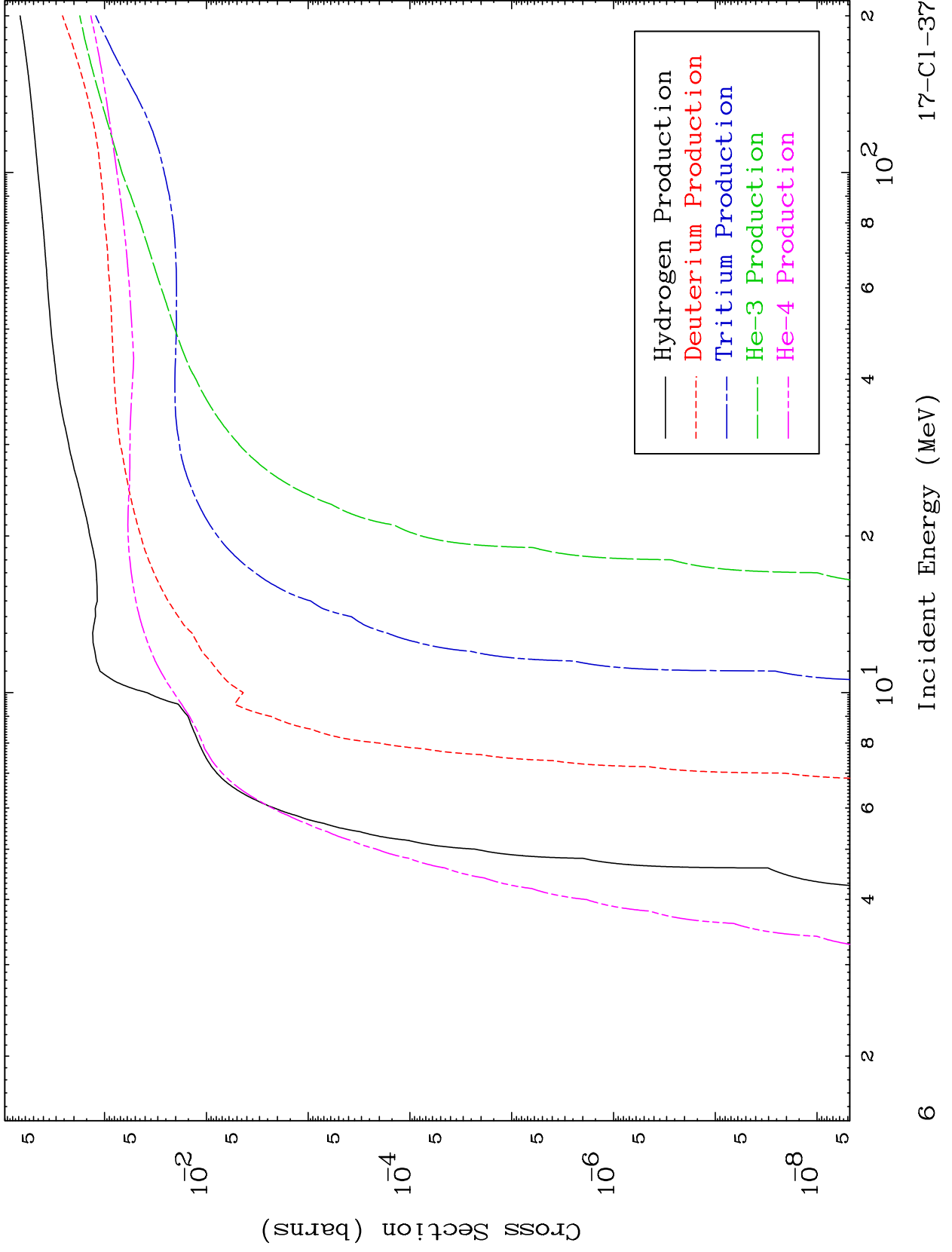
17-Cl-37



MAT 1731

Particle Production
293 Kelvin Cross Sections

17-Cl-37



17-Cl-37

Incident Energy (MeV)

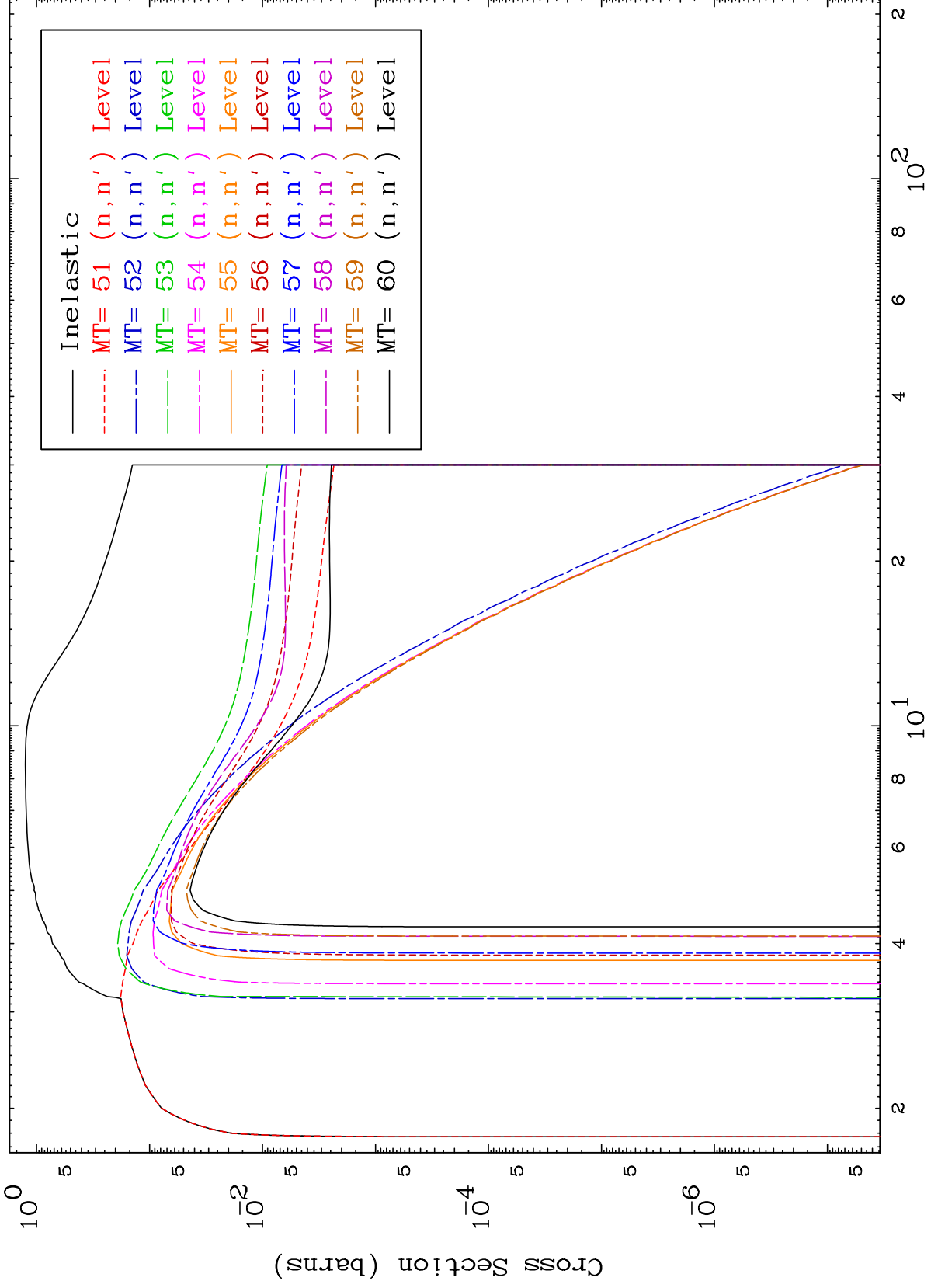
6

MAT 1731

(n,n') Level

17-Cl-37

293 Kelvin Cross Sections



7

Incident Energy (MeV)

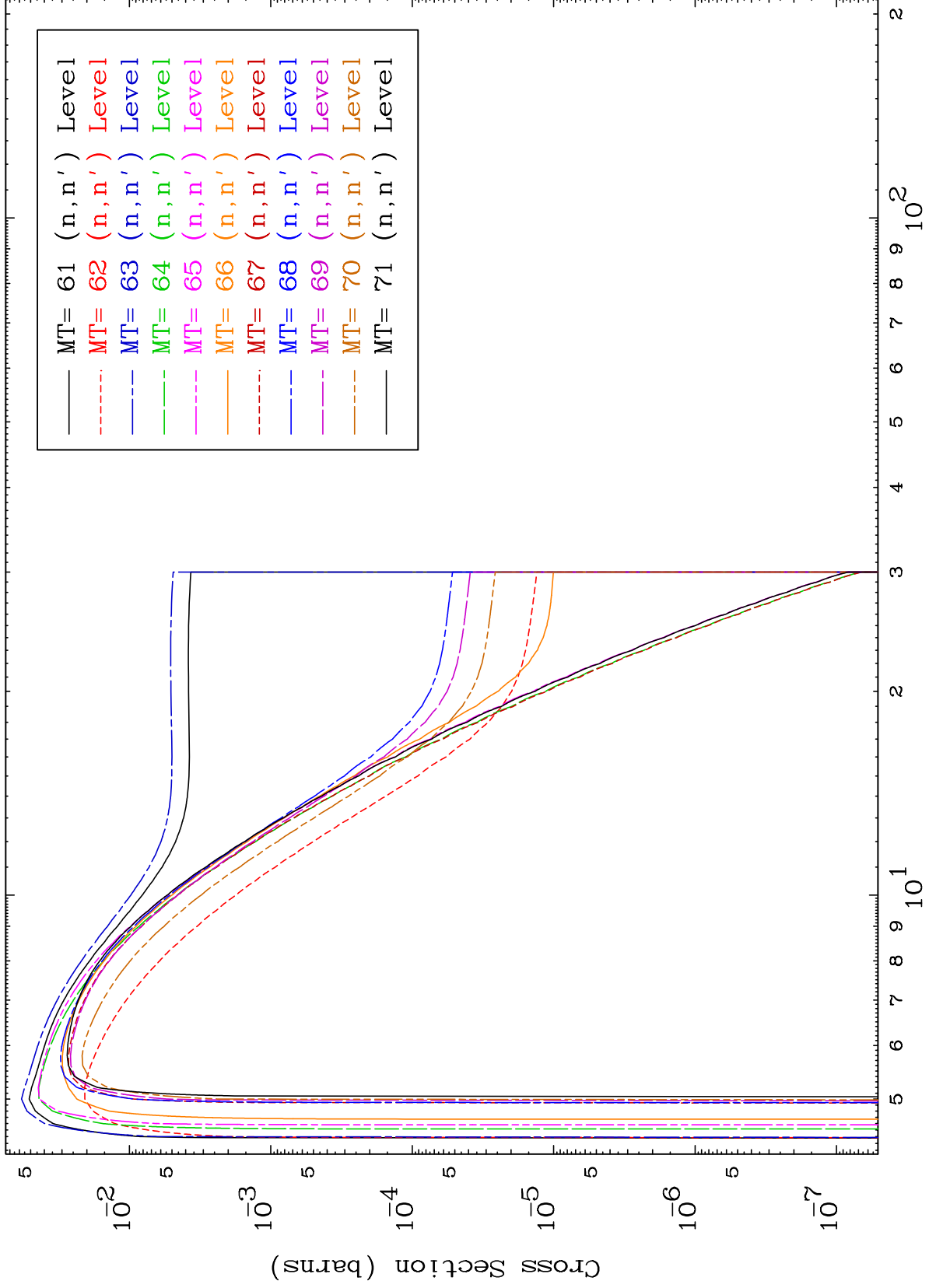
17-Cl-37

MAT 1731

(n,n') Level

17-Cl-37

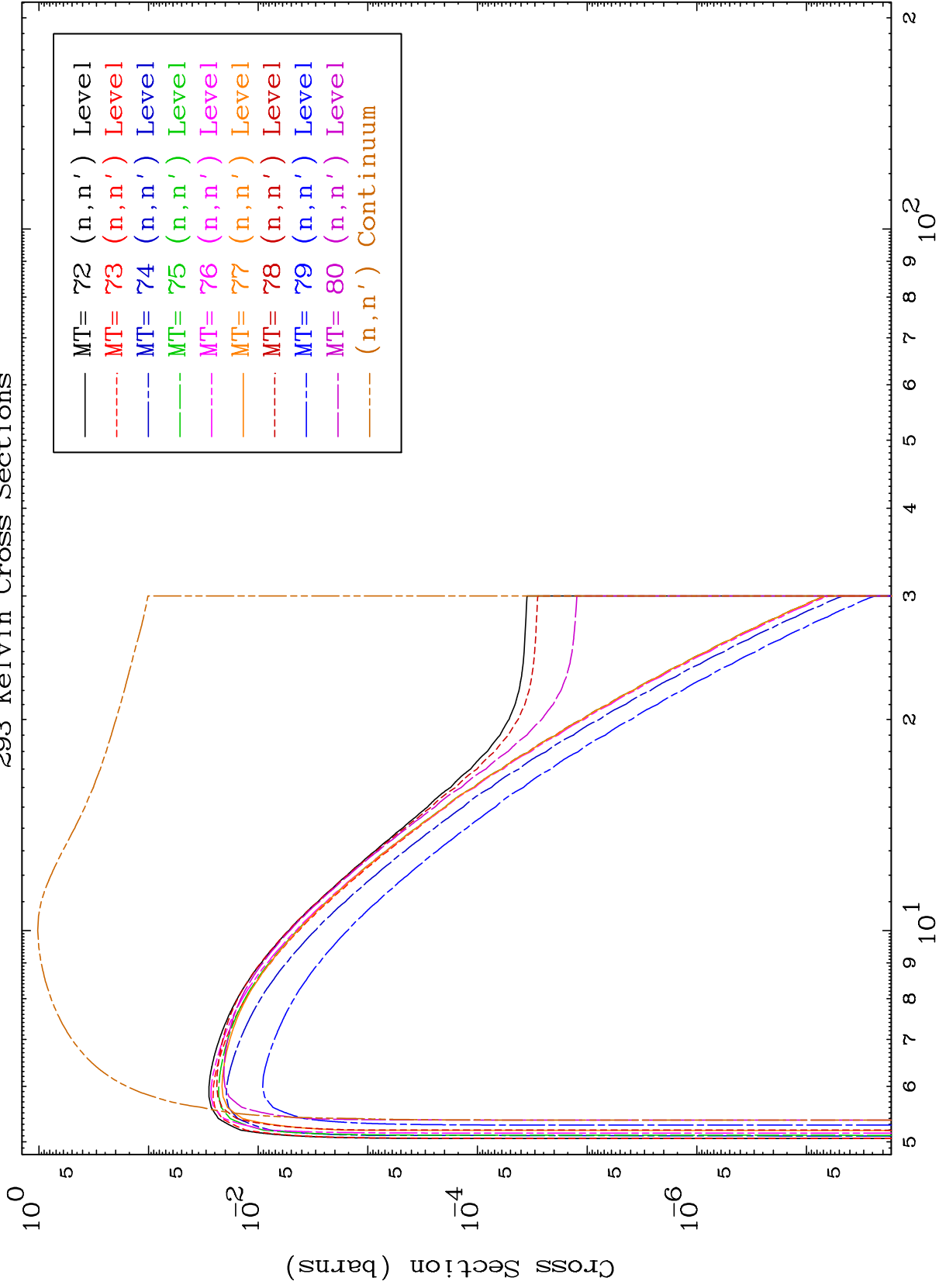
293 Kelvin Cross Sections



8

Incident Energy (MeV)

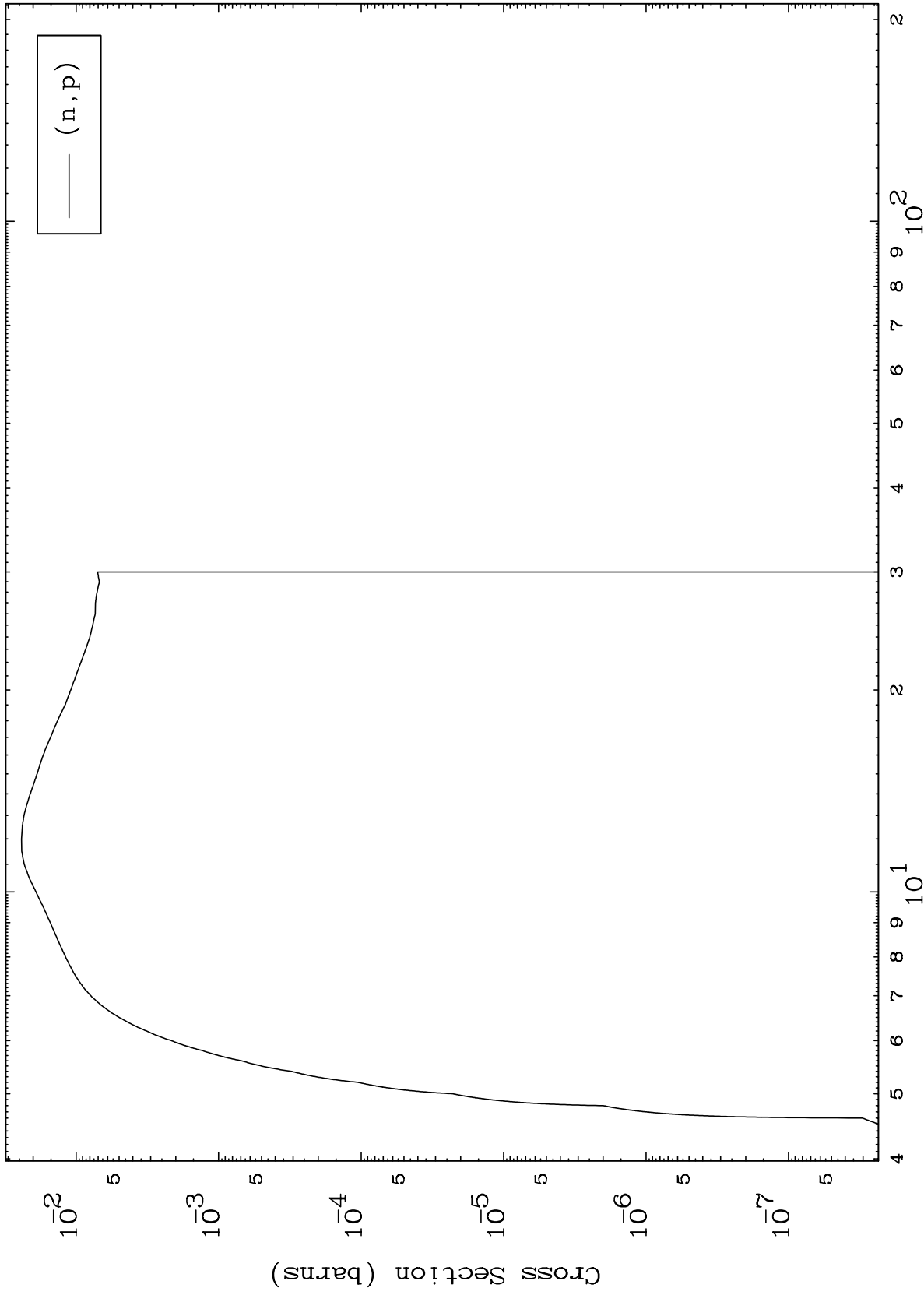
17-Cl-37



MAT 1731

(n,p) Levels
293 Kelvin Cross Sections

17-Cl-37



10

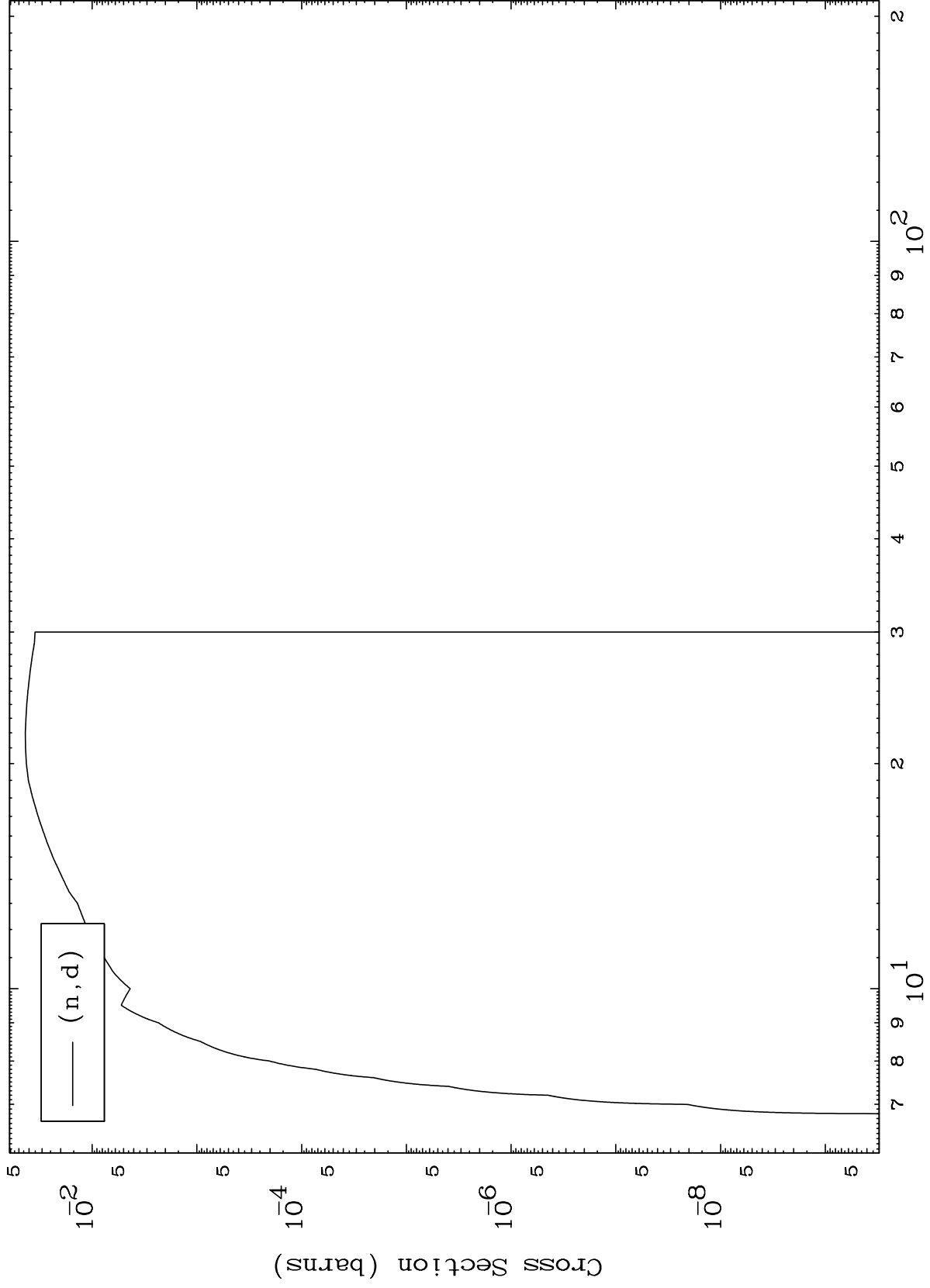
Incident Energy (MeV)

17-Cl-37

MAT 1731

(n,d) Levels
293 Kelvin Cross Sections

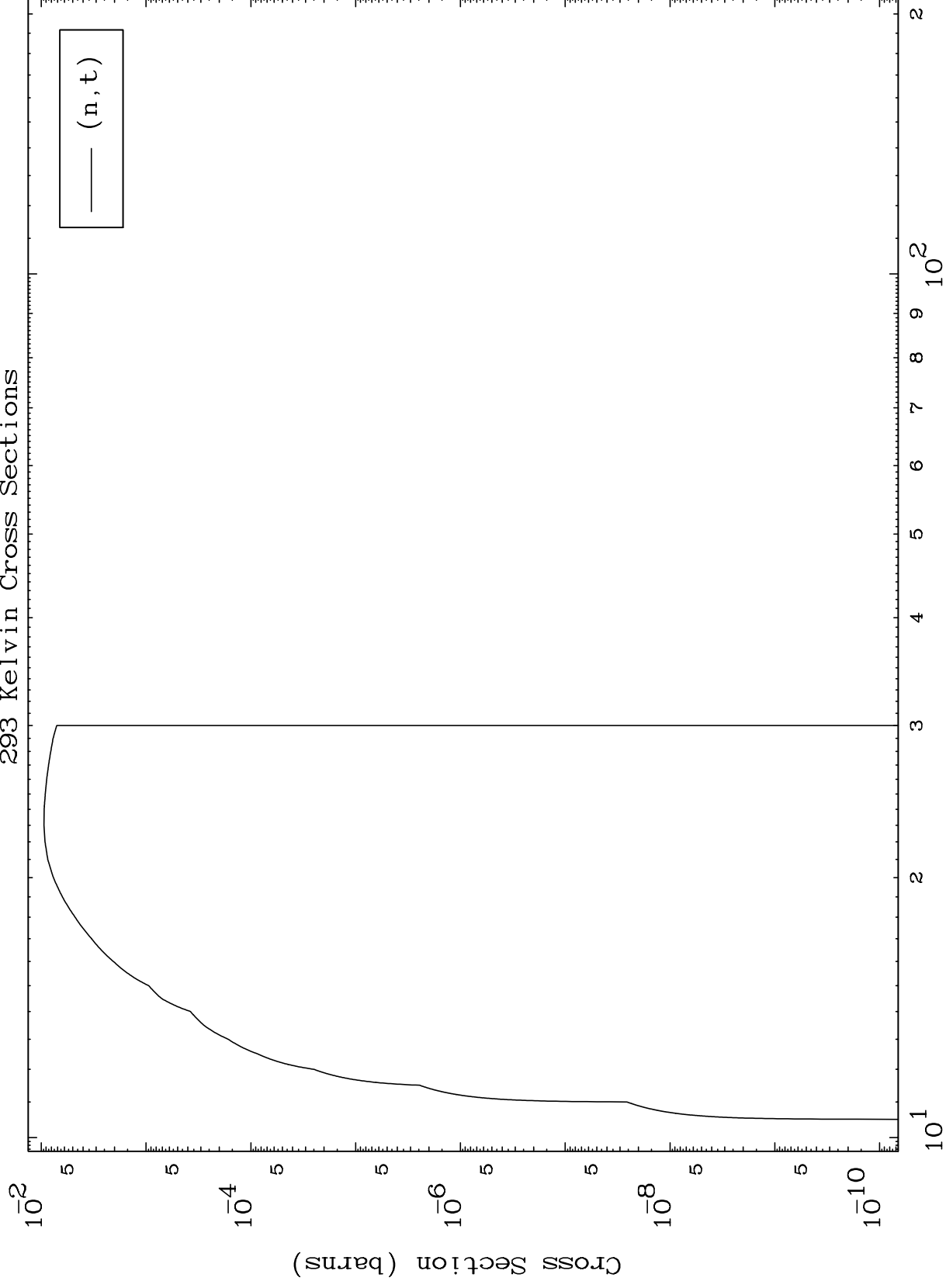
17-Cl-37



MAT 1731

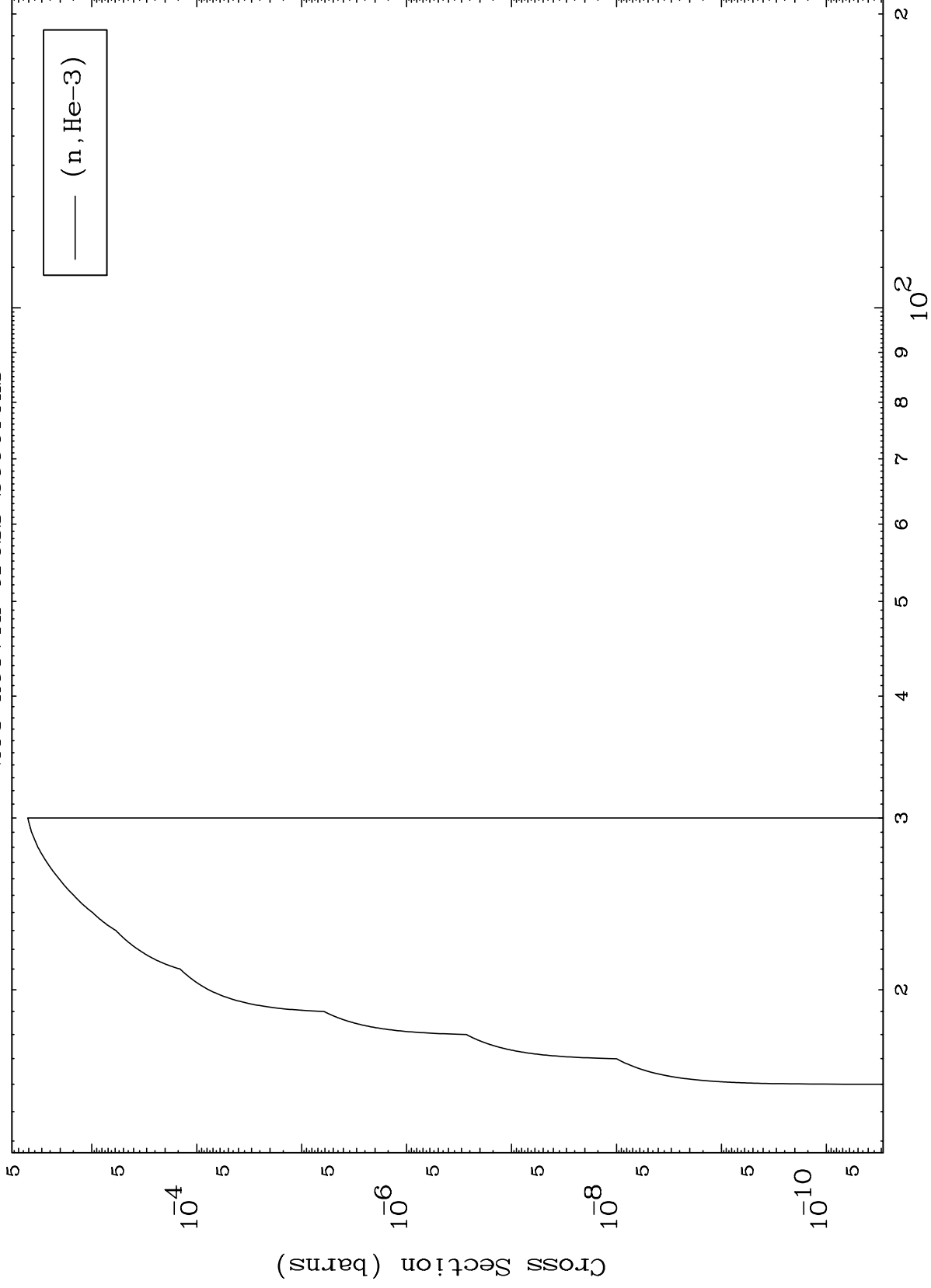
(n,t) Levels
293 Kelvin Cross Sections

17-Cl-37



Incident Energy (MeV)

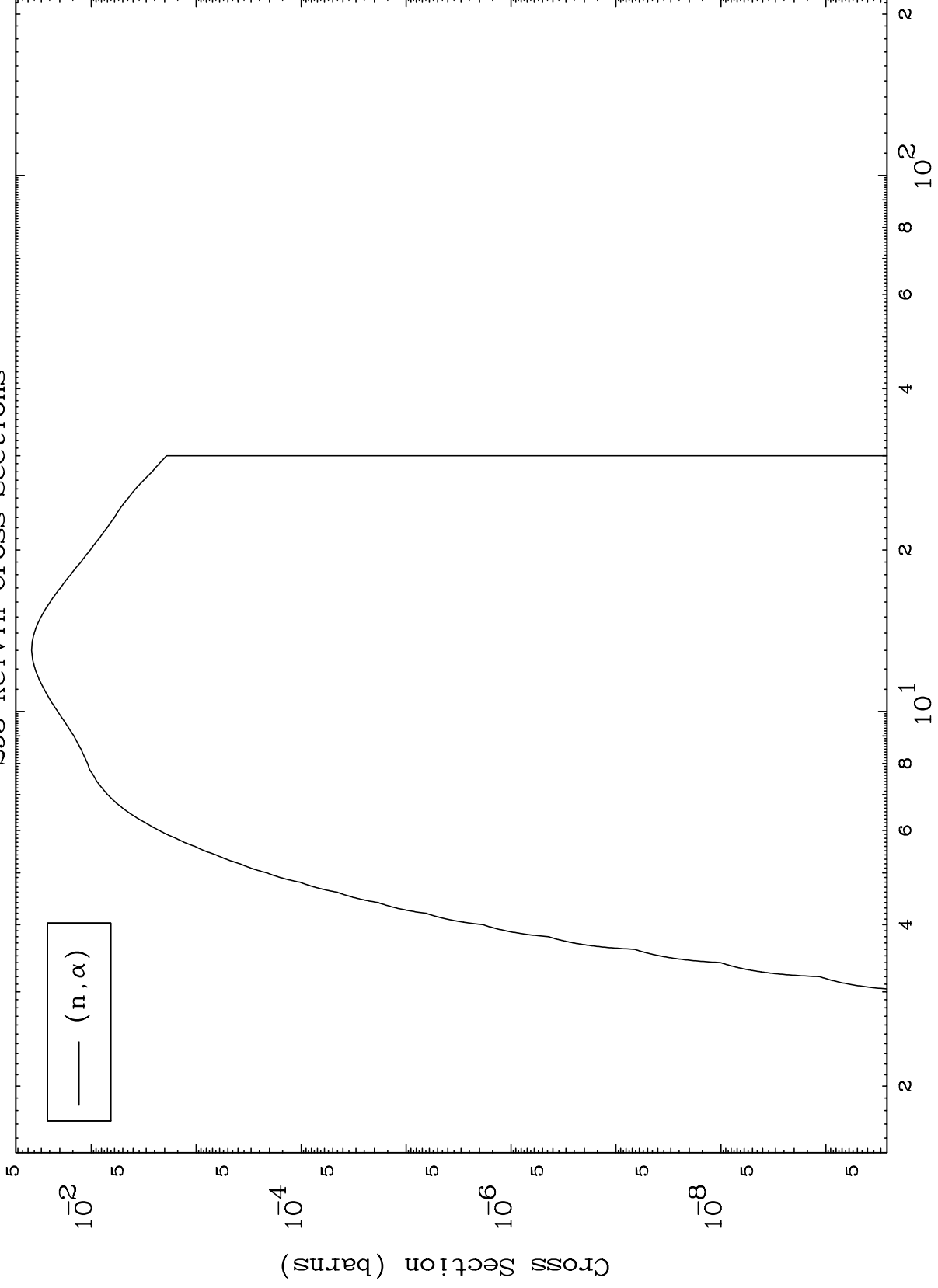
17-Cl-37



MAT 1731

(n, α) Levels
293 Kelvin Cross Sections

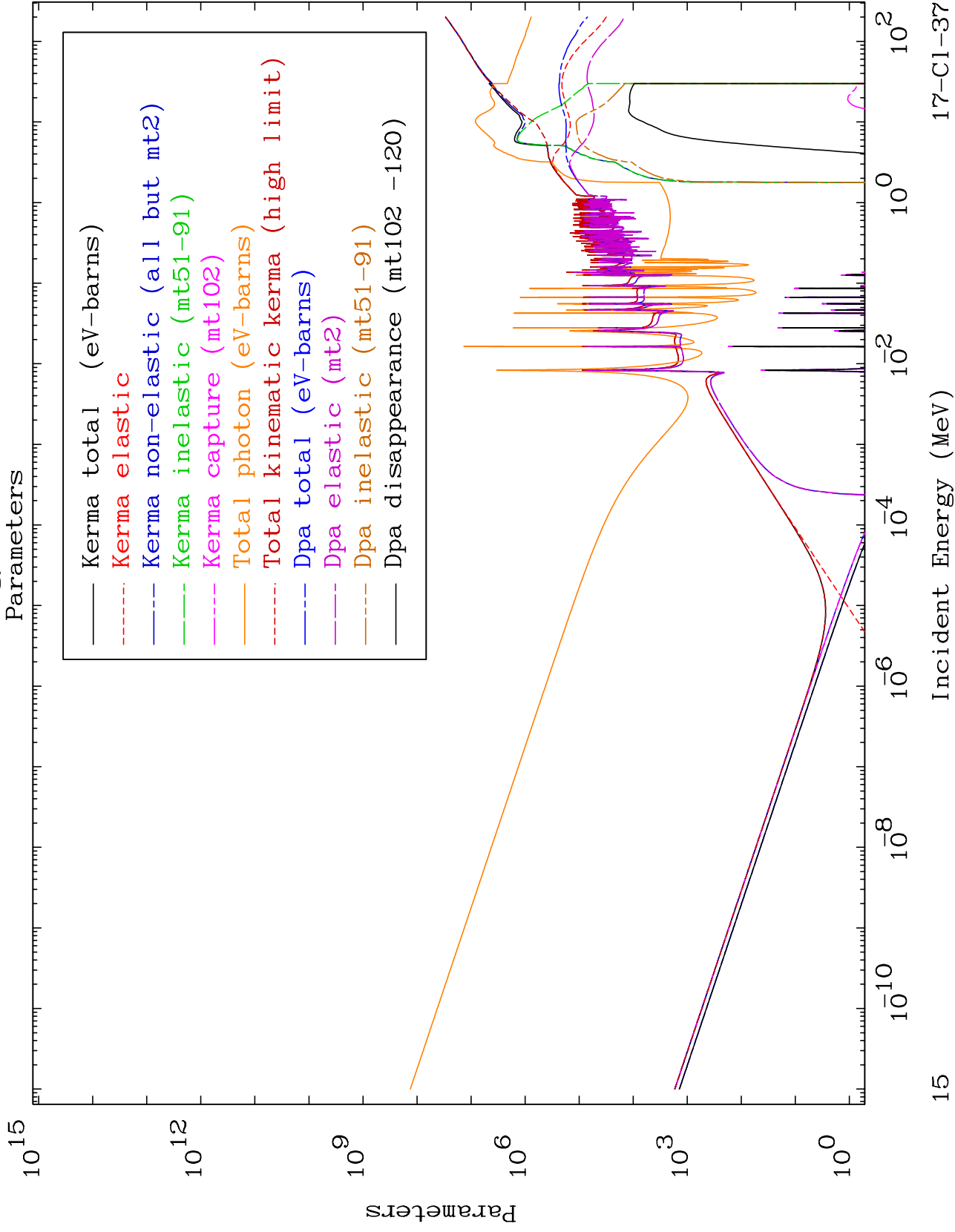
17-Cl-37



14

Incident Energy (MeV)

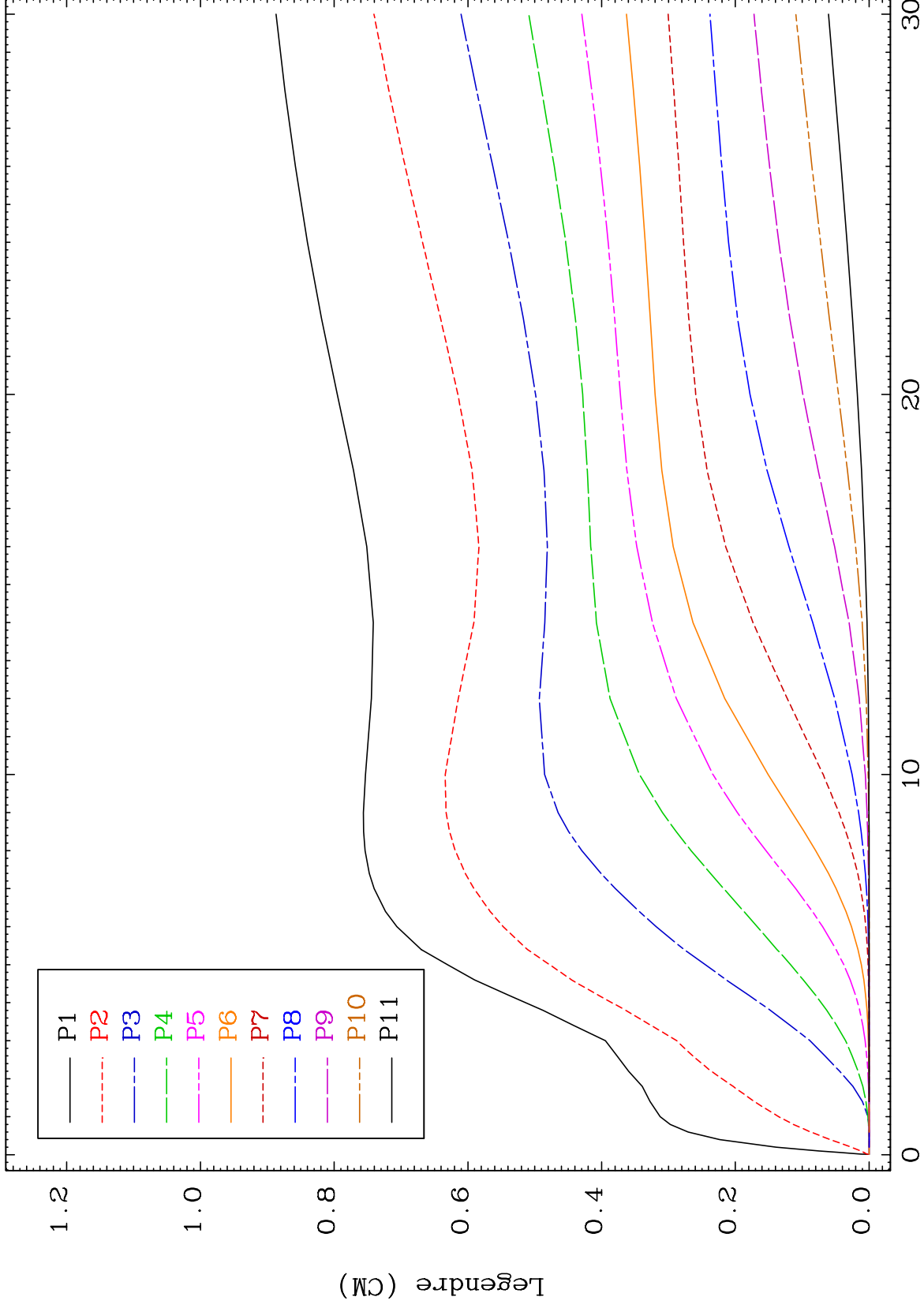
17-Cl-37



MAT 1731

Elastic Legendre Coefficients

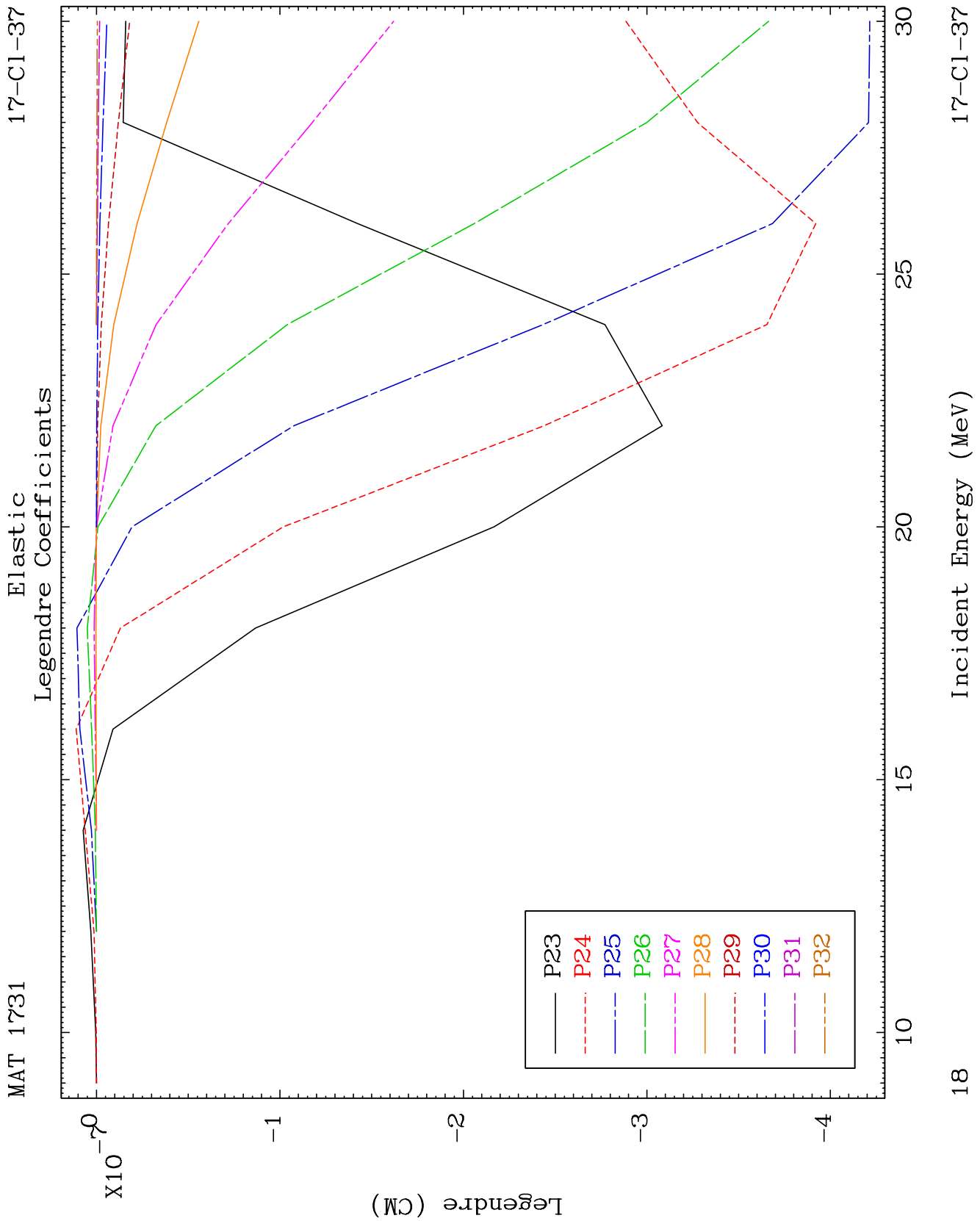
17-Cl-37



16

Incident Energy (MeV)

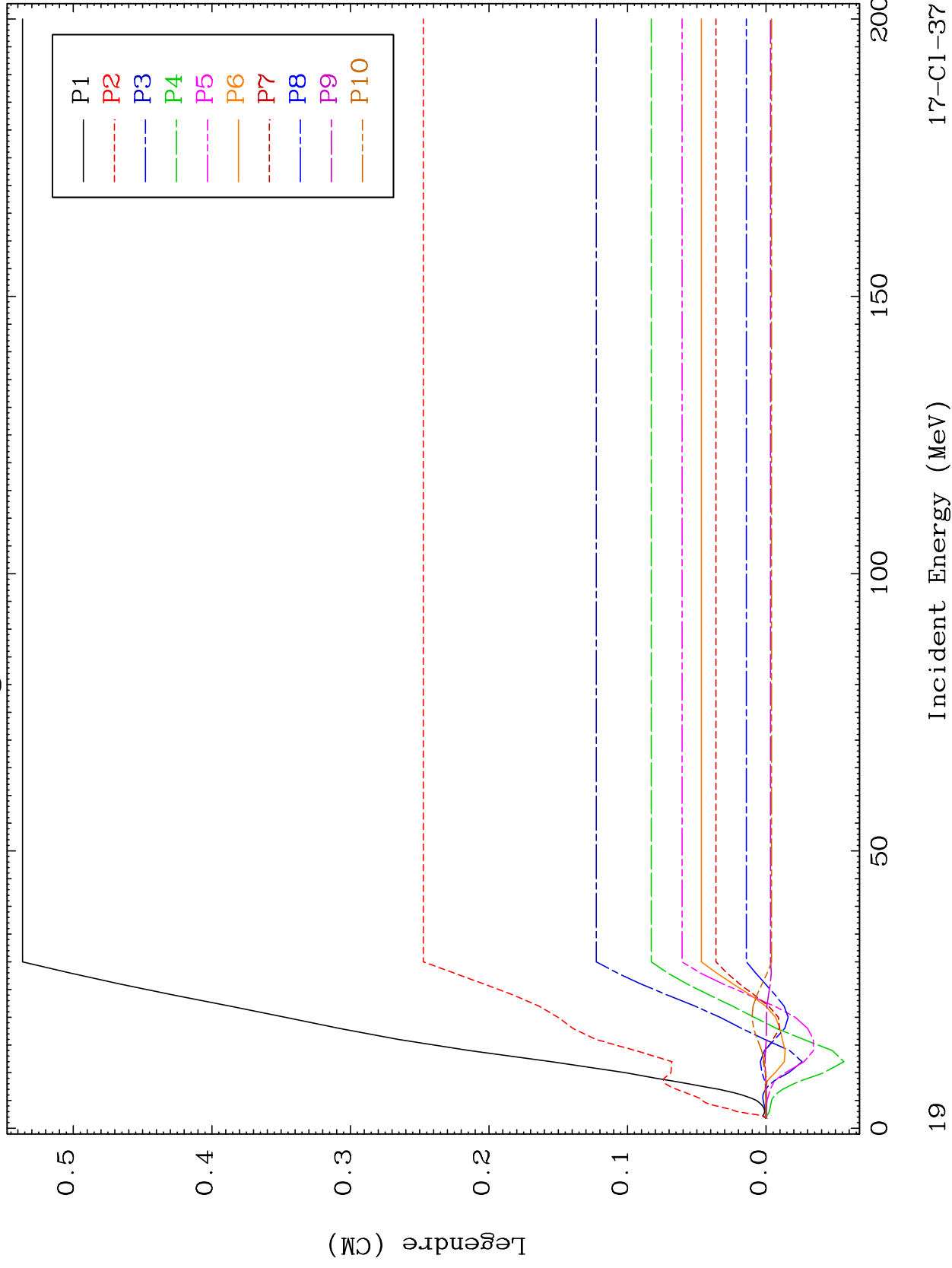
17-Cl-37



MAT 1731

MT= 51 (n,n') Level
Legendre Coefficients

17-Cl-37



17-Cl-37

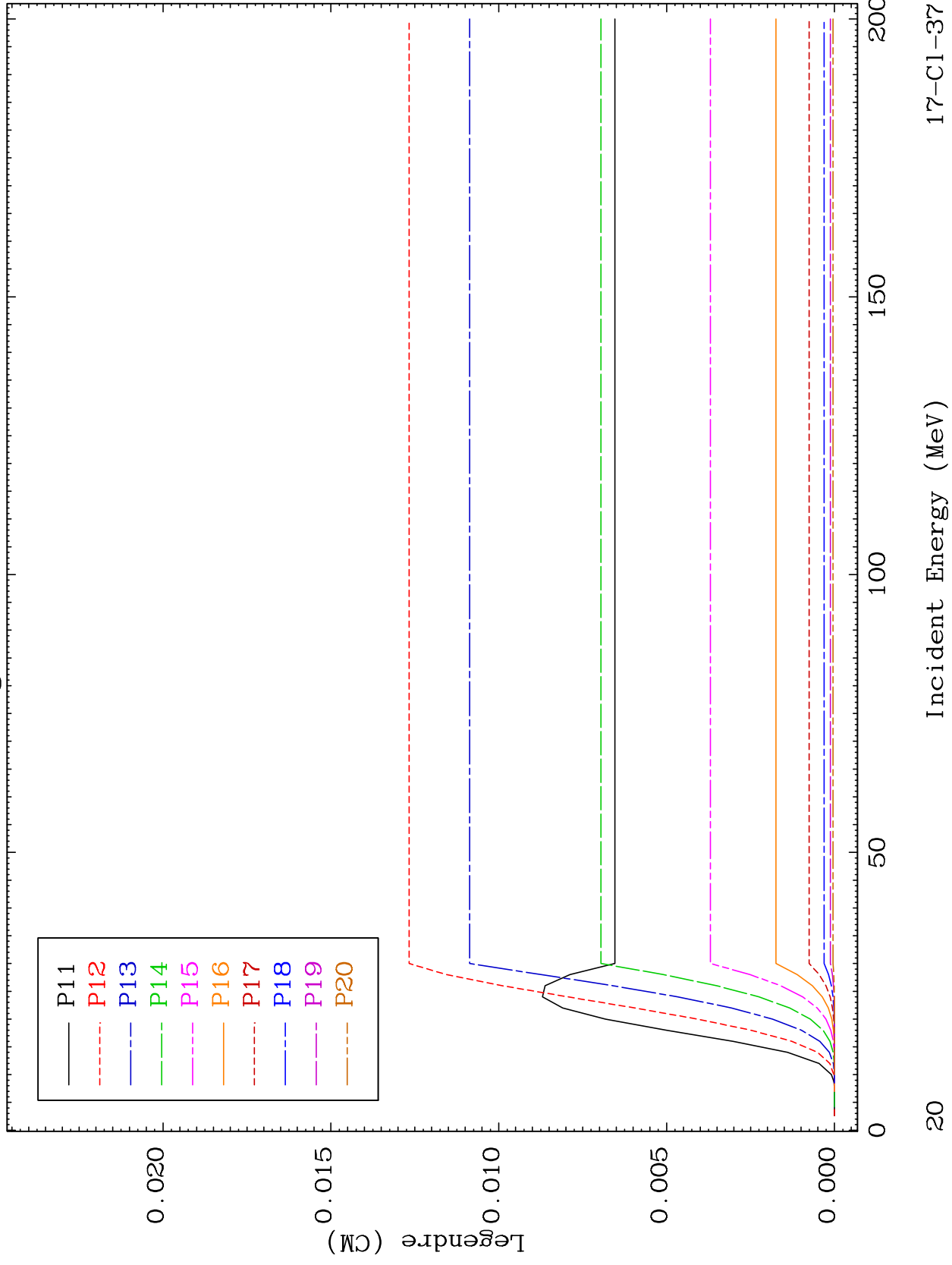
Incident Energy (MeV)

19

MAT 1731

MT= 51 (n,n') Level
Legendre Coefficients

17-Cl-37



17-Cl-37

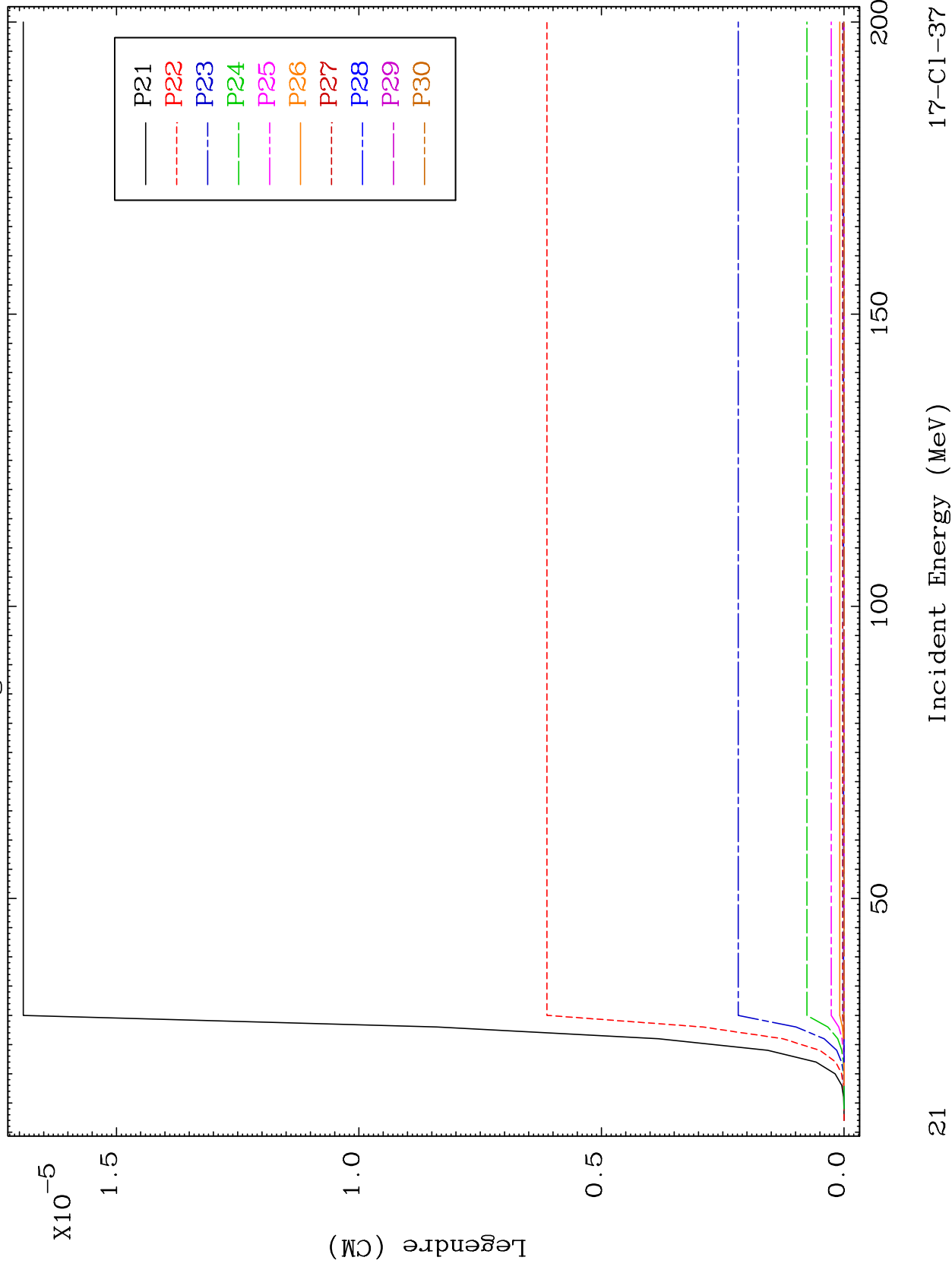
Incident Energy (MeV)

20

MAT 1731

MT= 51 (n,n') Level
Legendre Coefficients

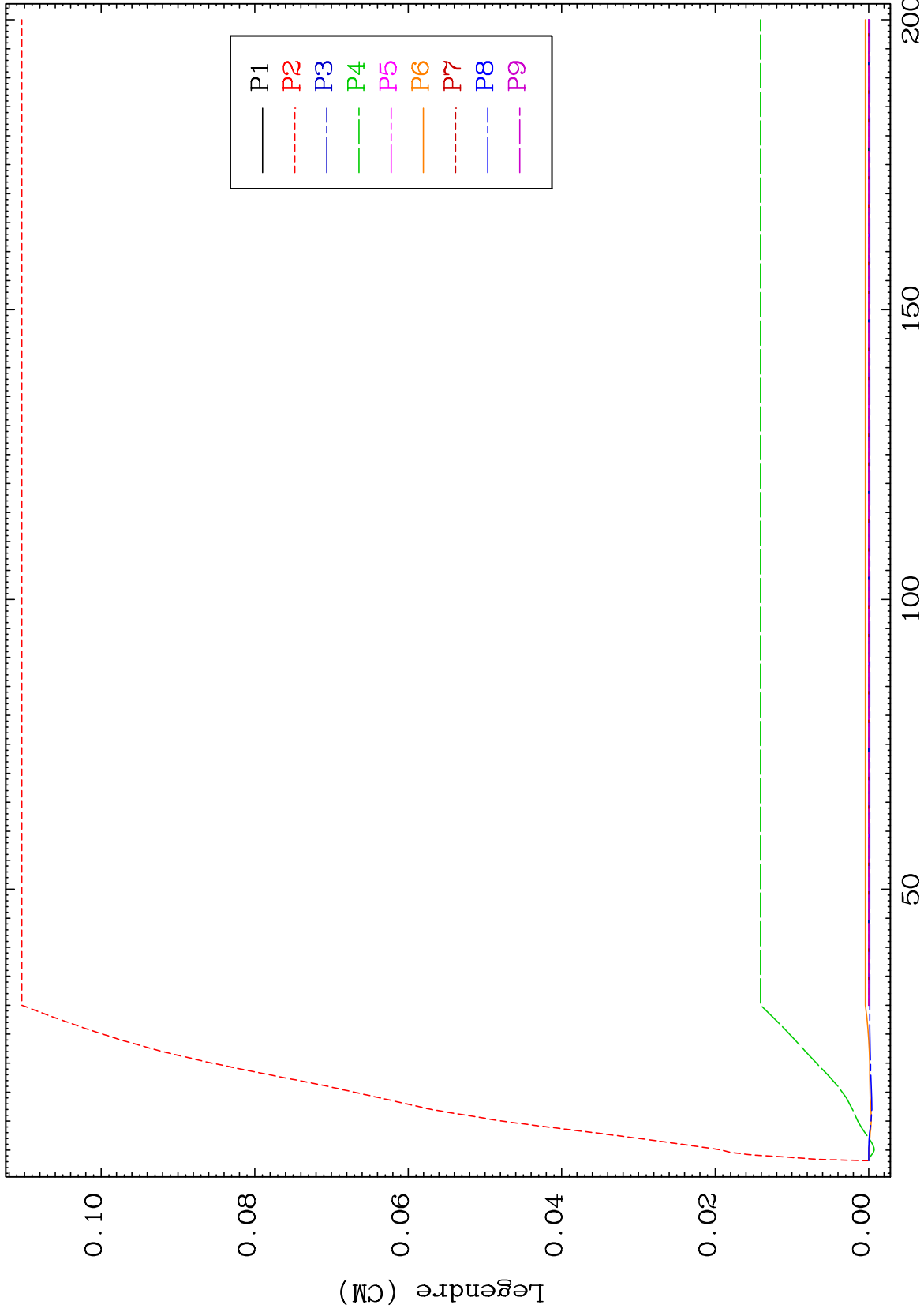
17-Cl-37



MAT 1731

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

17-Cl-37



22

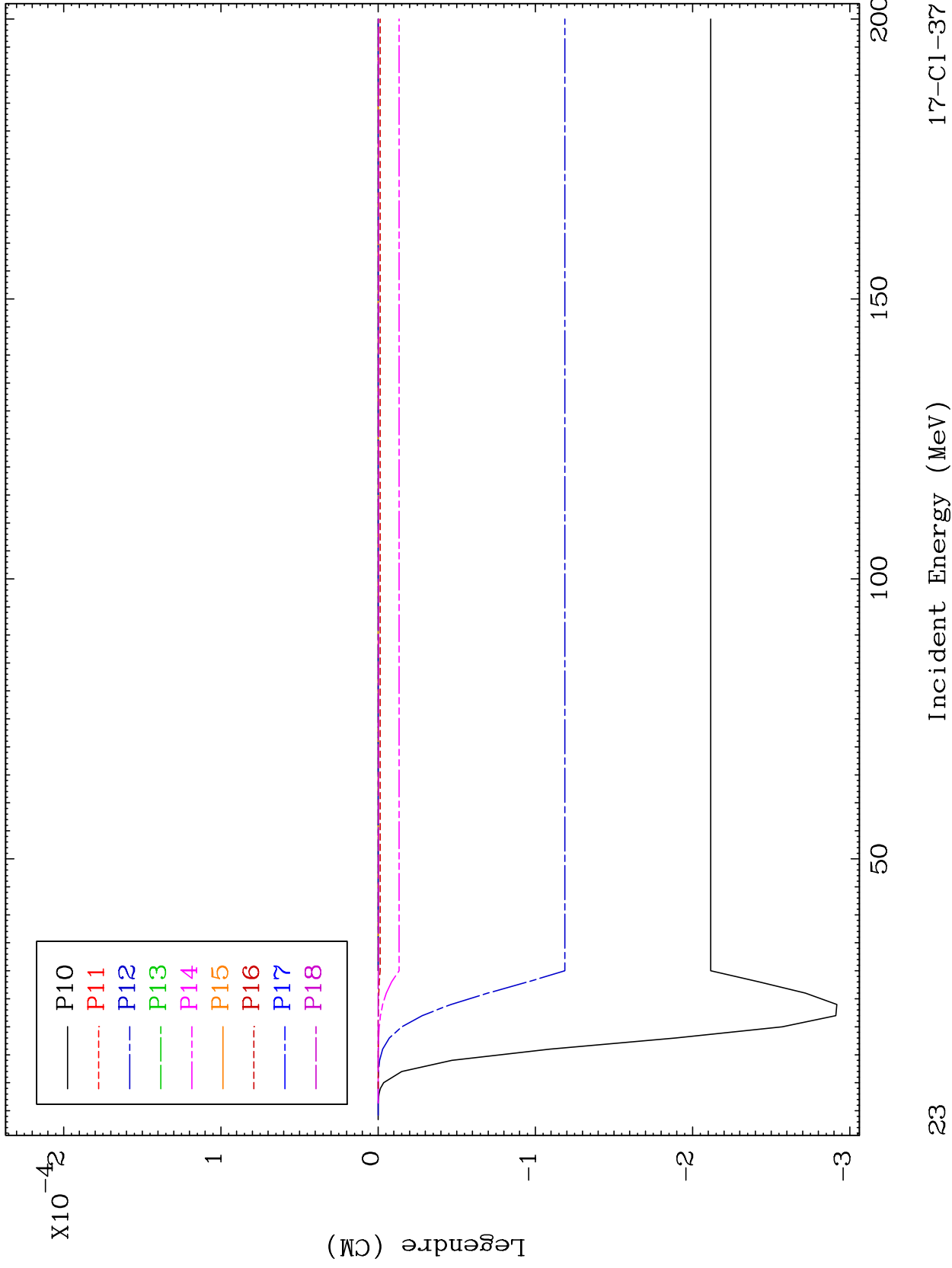
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

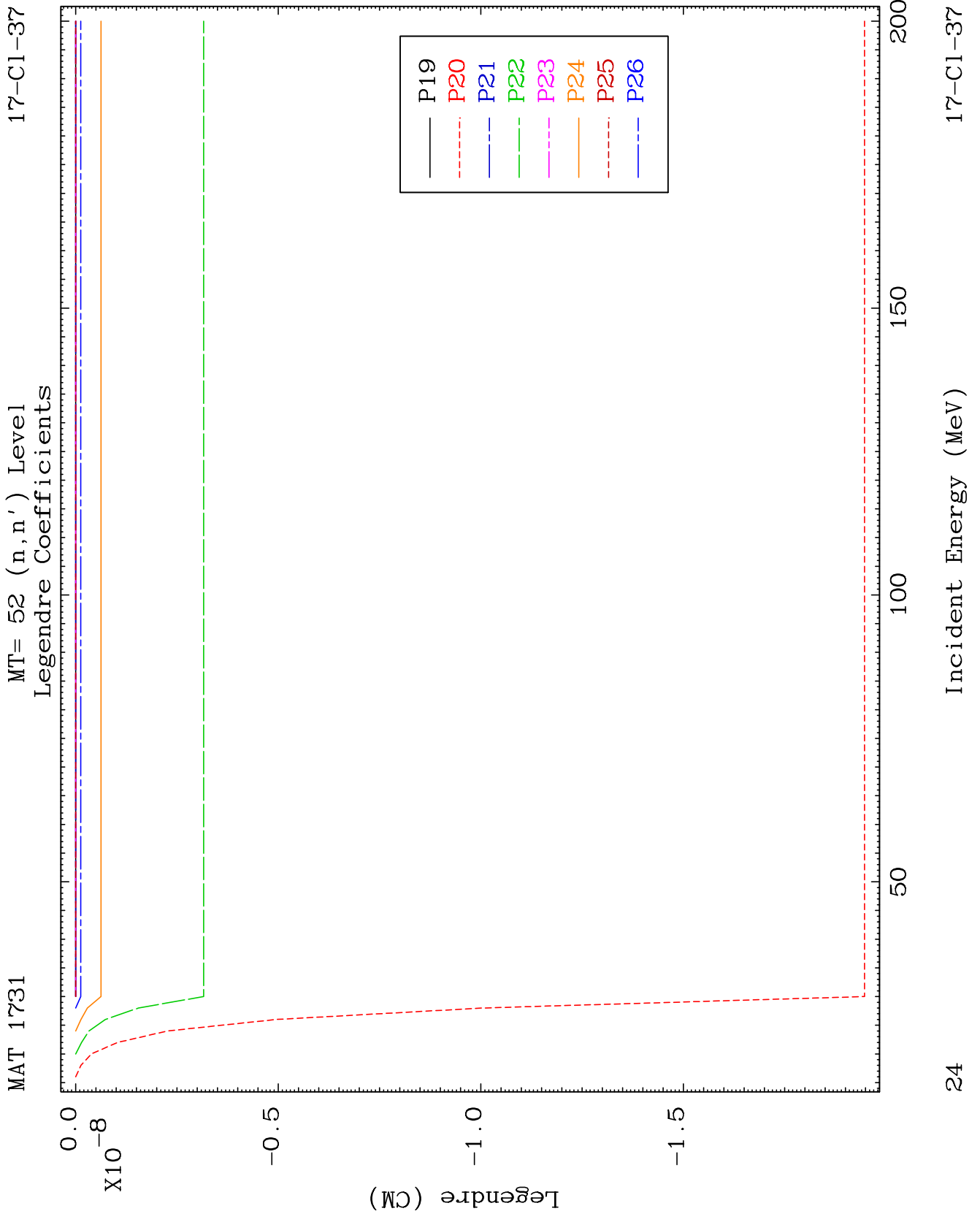
17-Cl-37



23

Incident Energy (MeV)

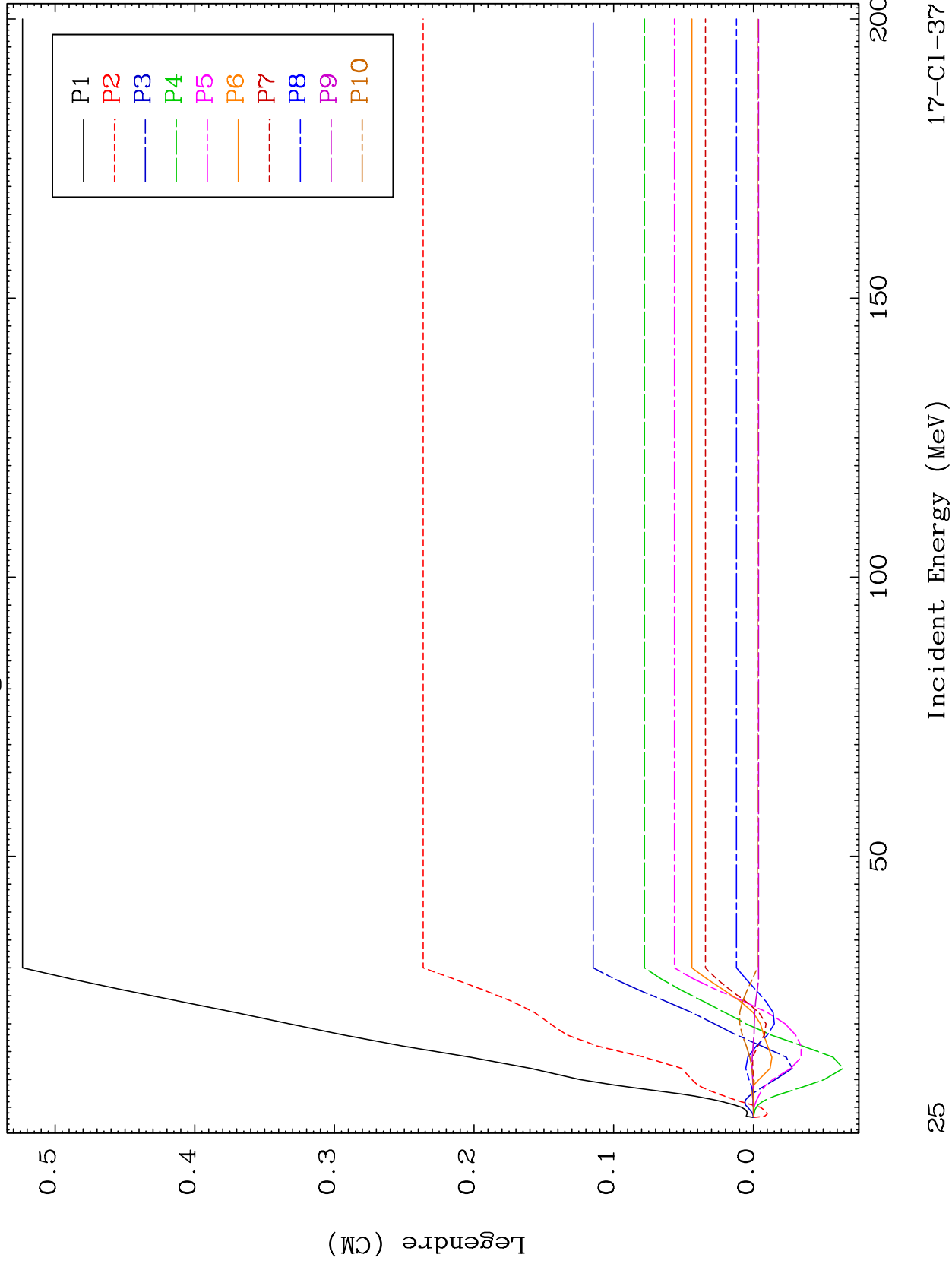
17-Cl-37



MAT 1731

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

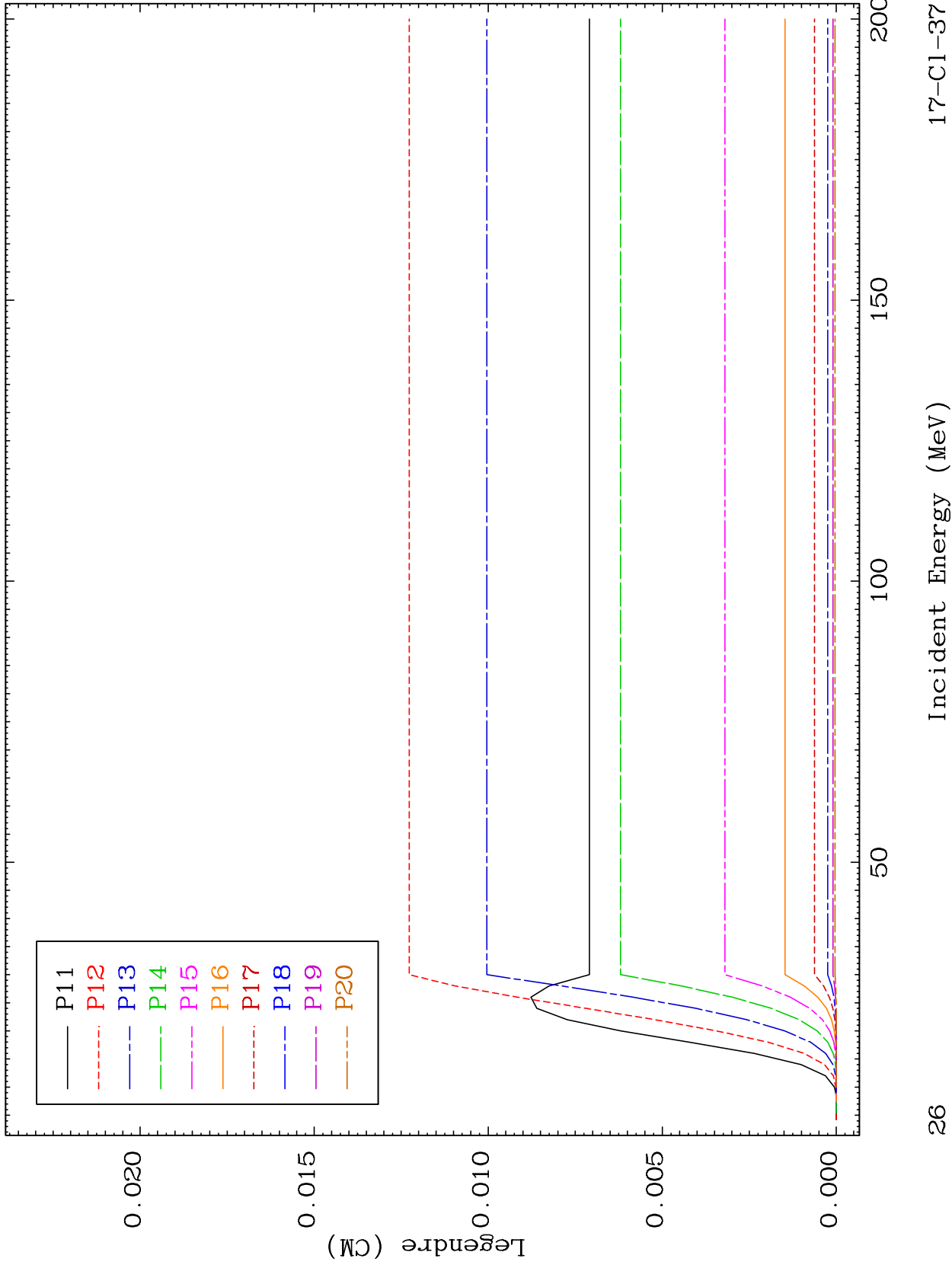
17-Cl-37



17-Cl-37

Incident Energy (MeV)

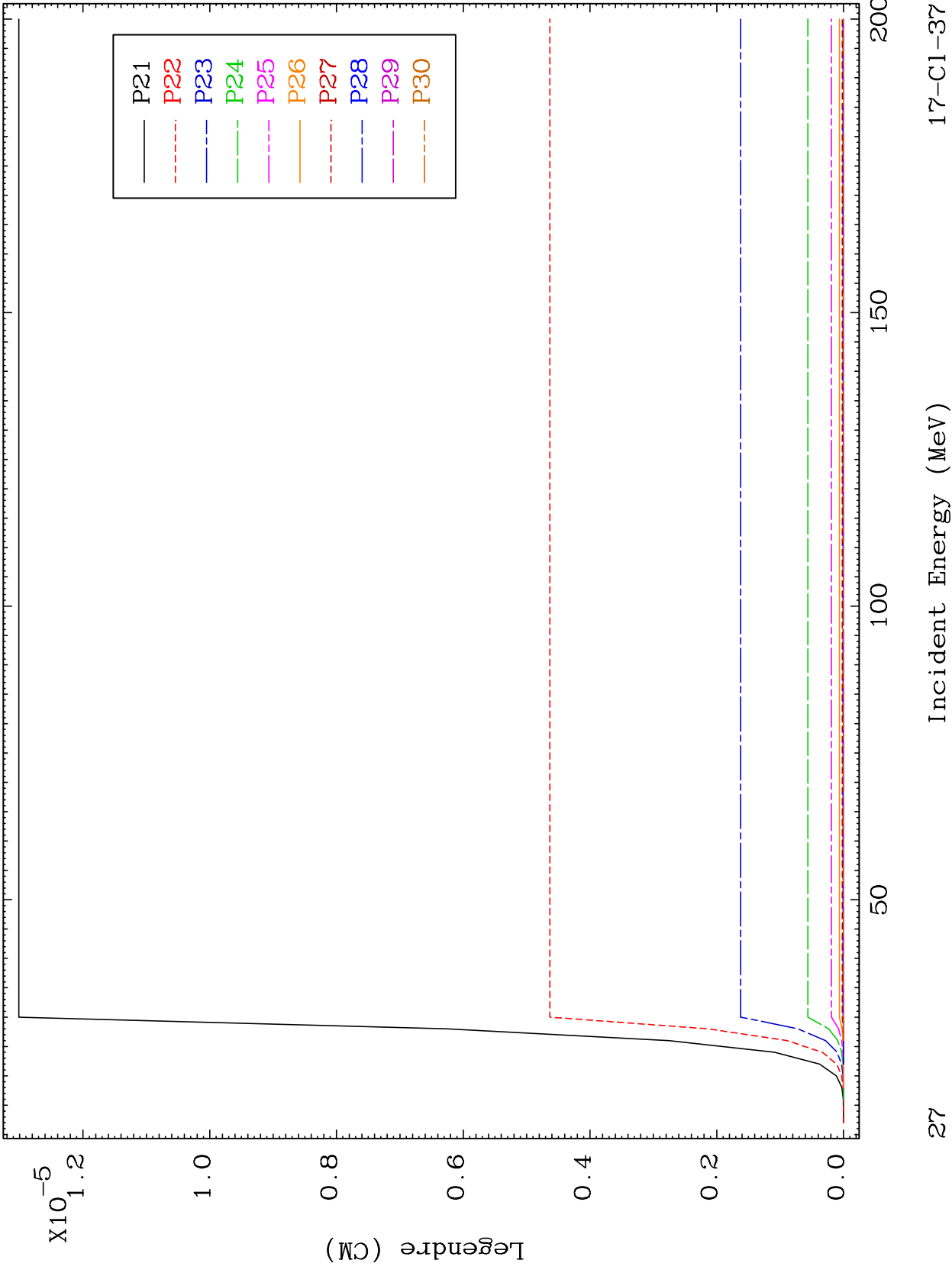
25



MAT 1731

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

17-Cl-37



27

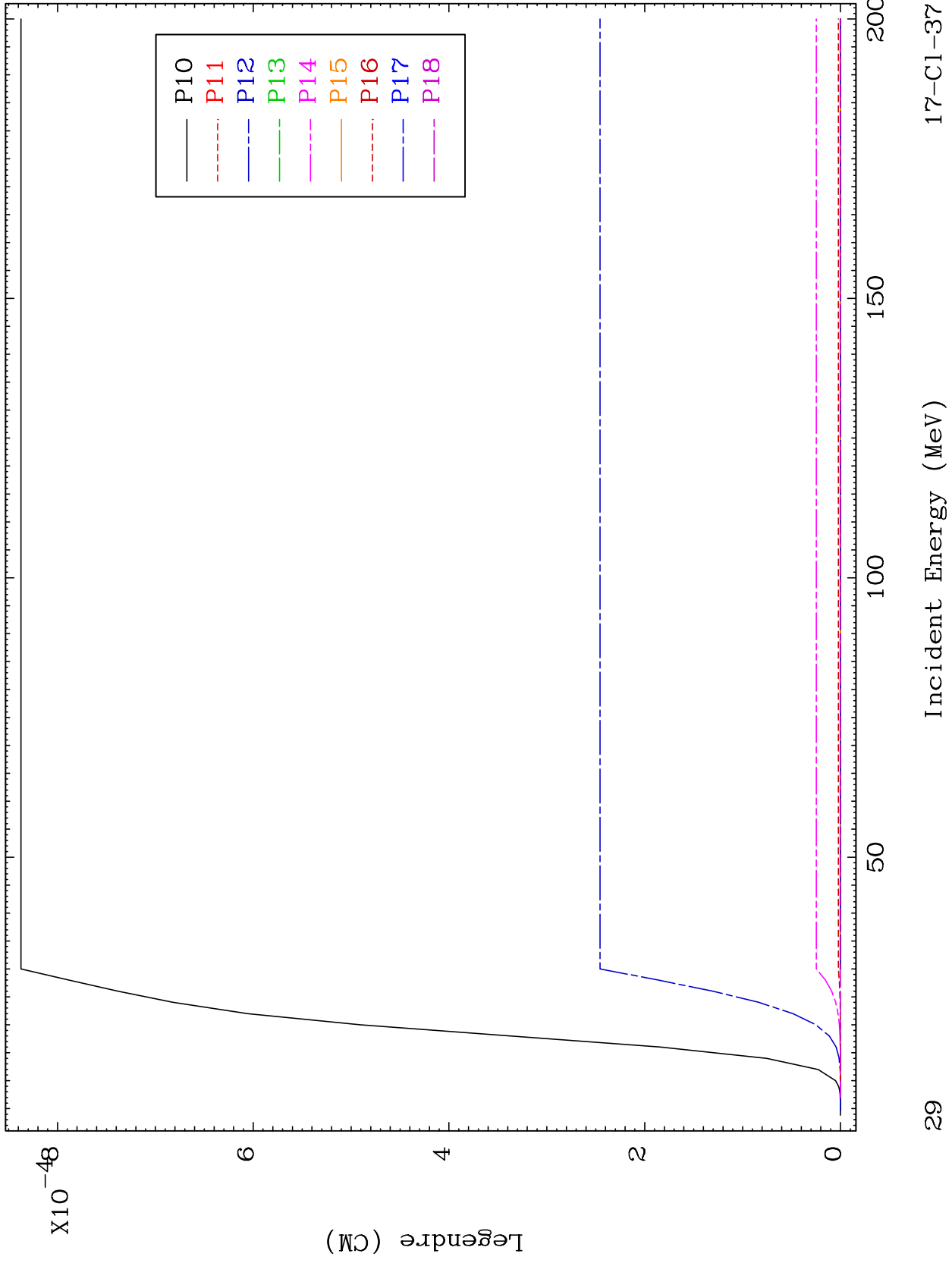
Incident Energy (MeV)

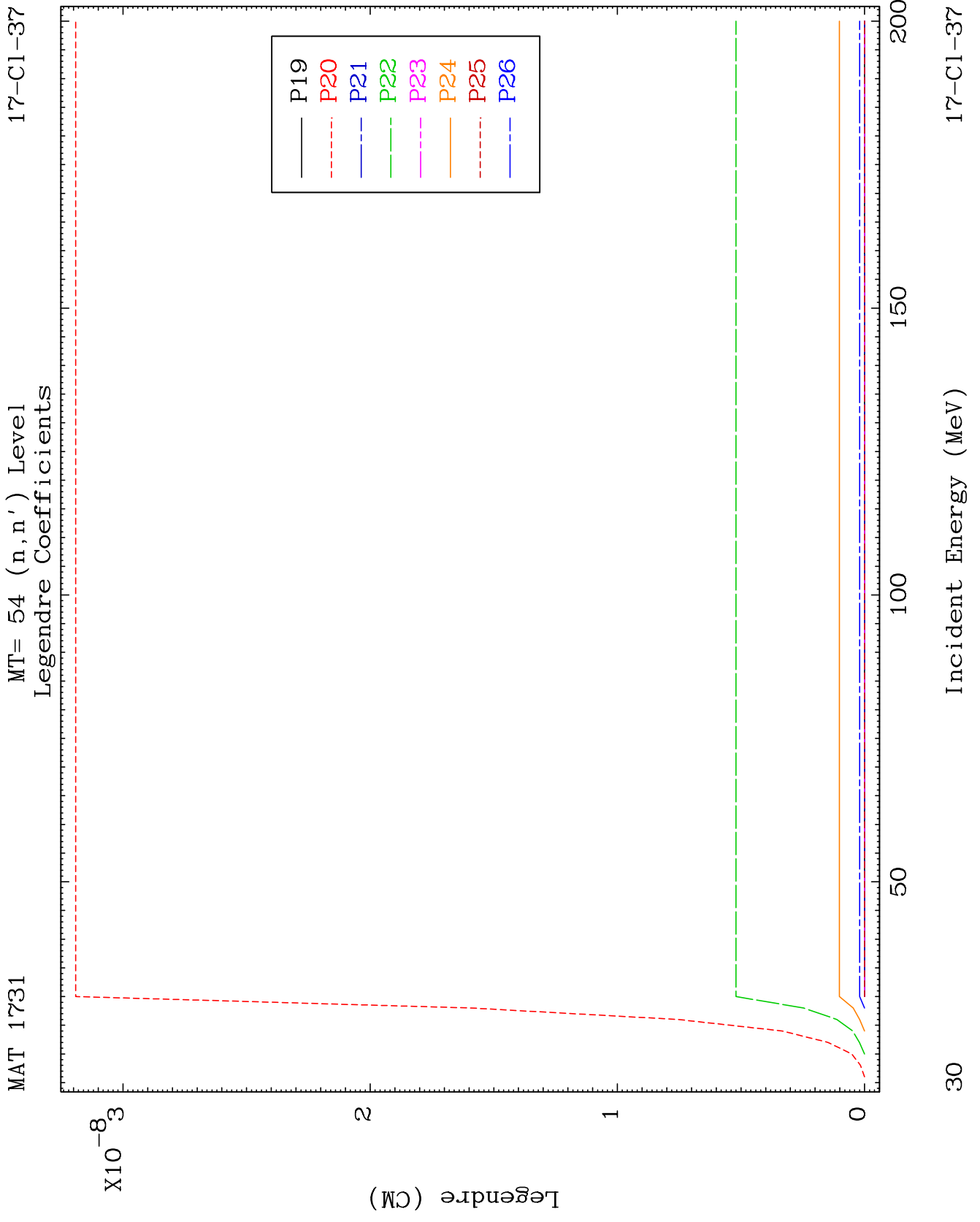
17-Cl-37

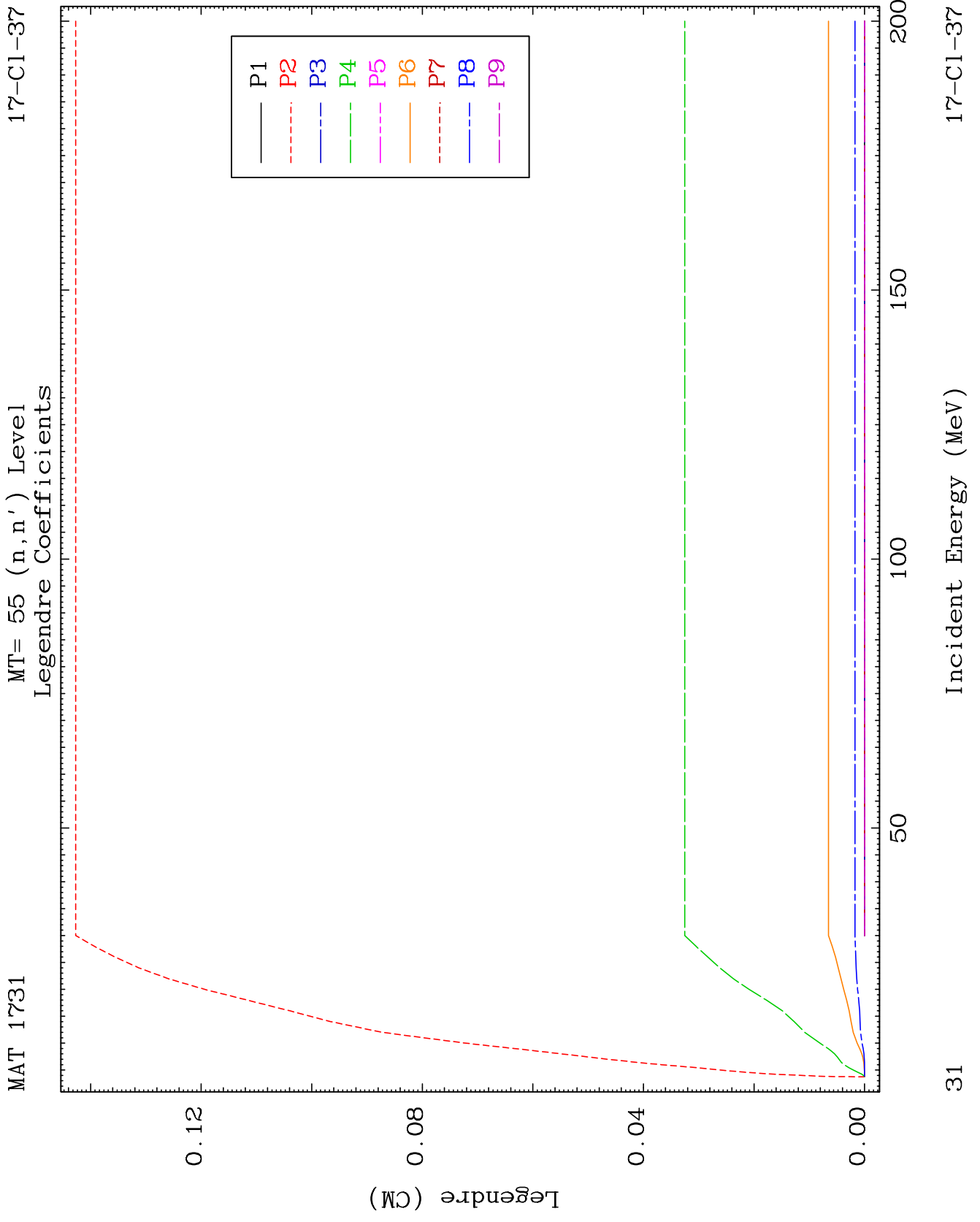
MAT 1731

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

17-Cl-37



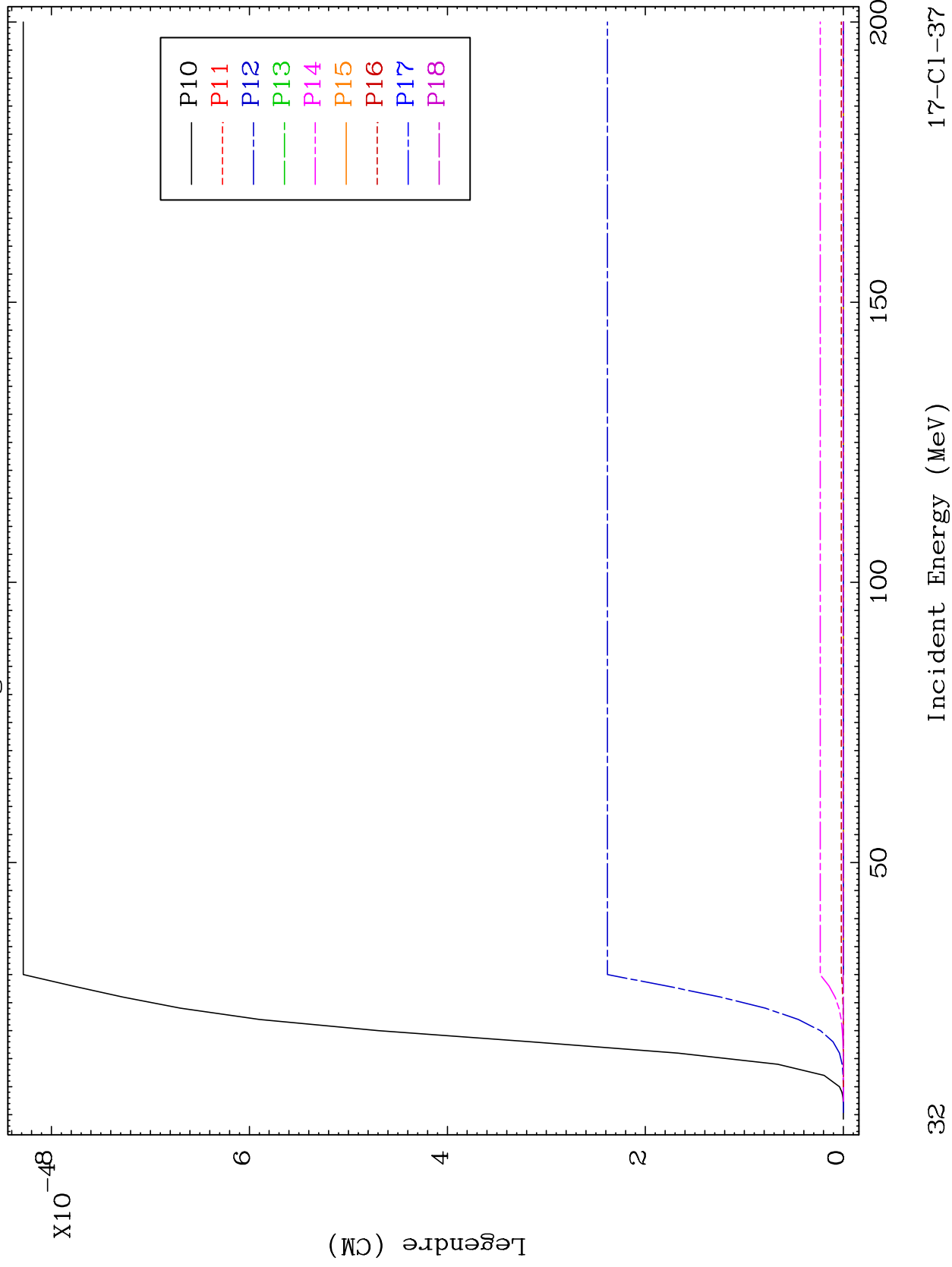


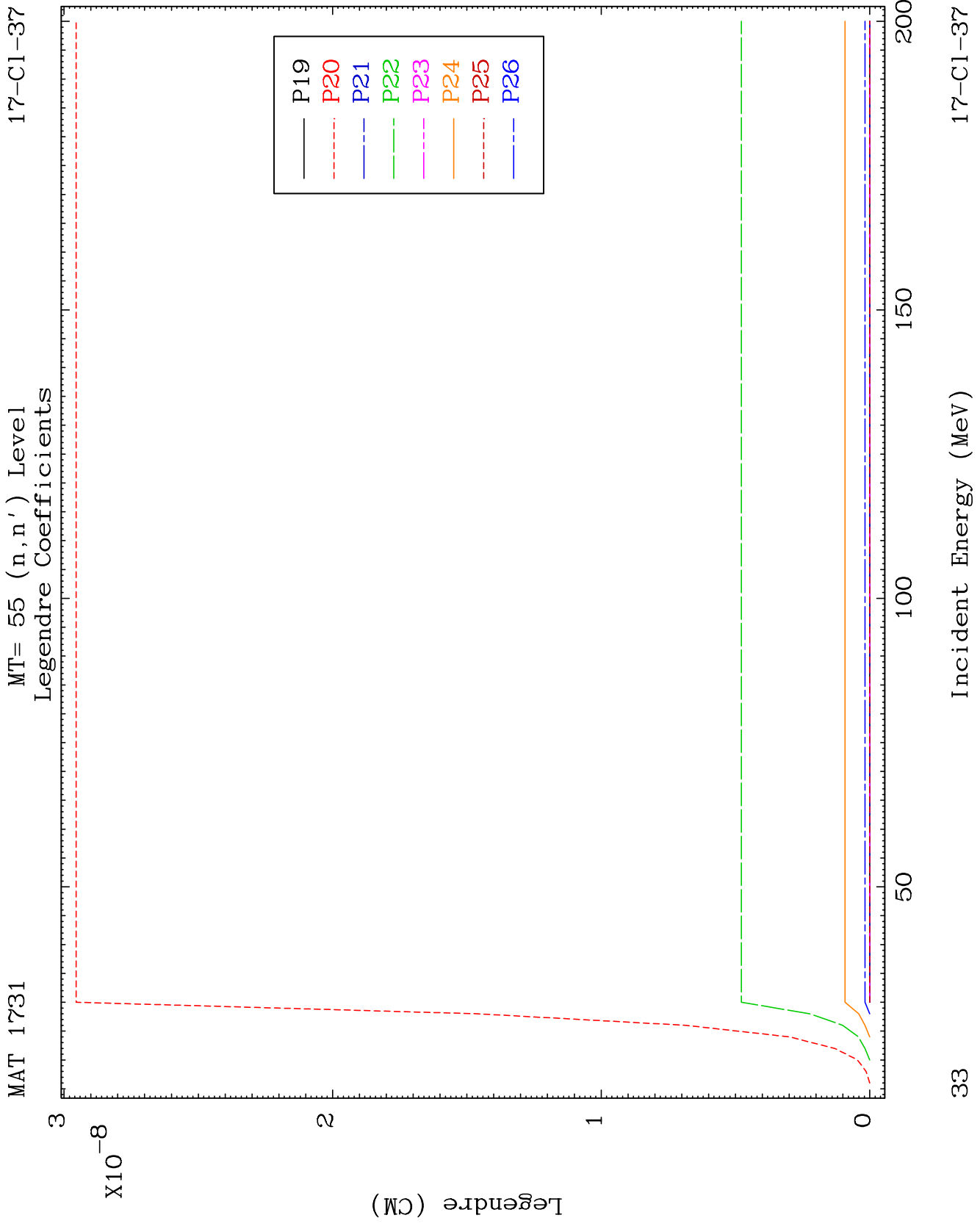


MAT 1731

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

17-Cl-37

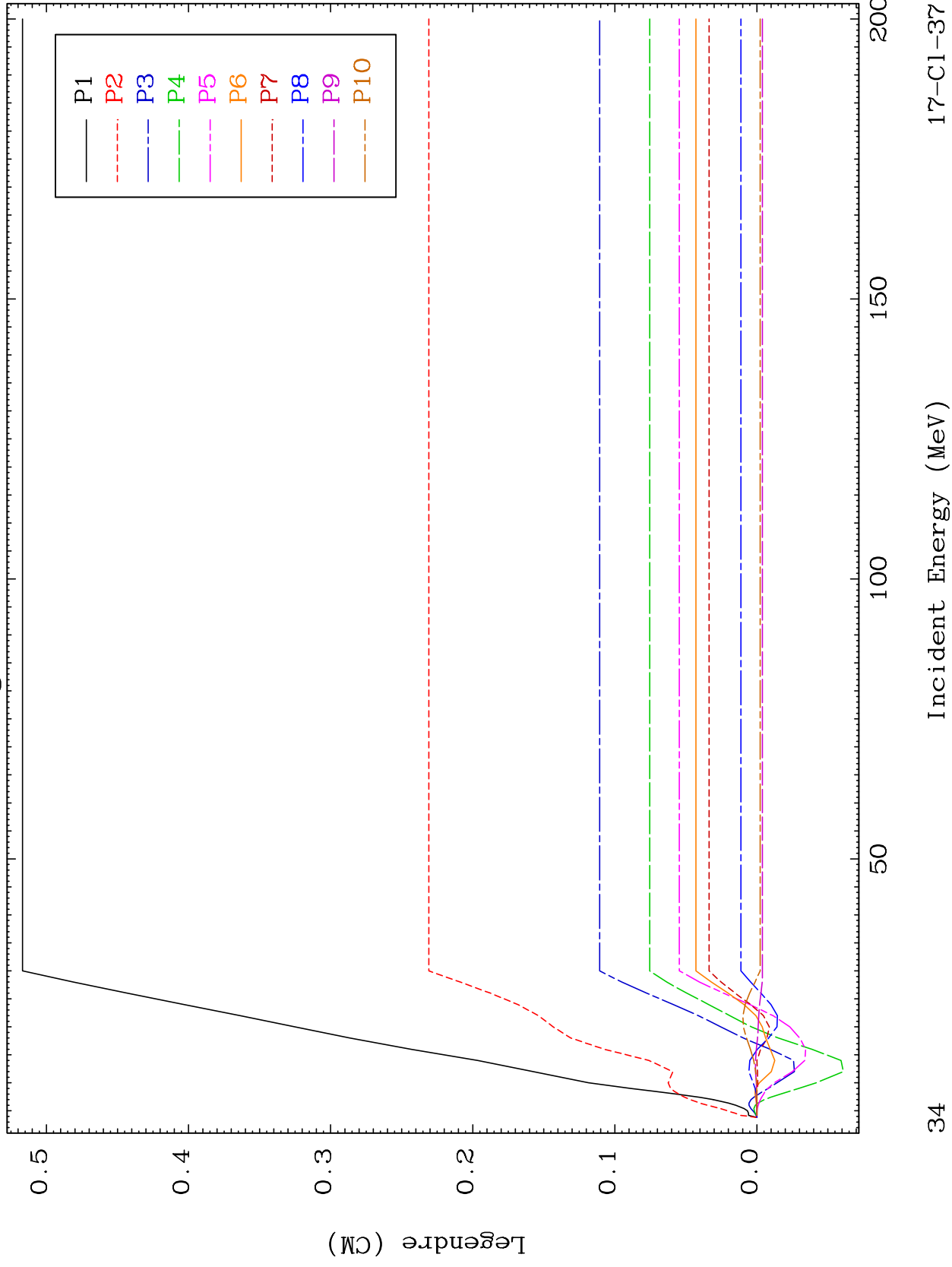




MAT 1731

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

17-Cl-37



34

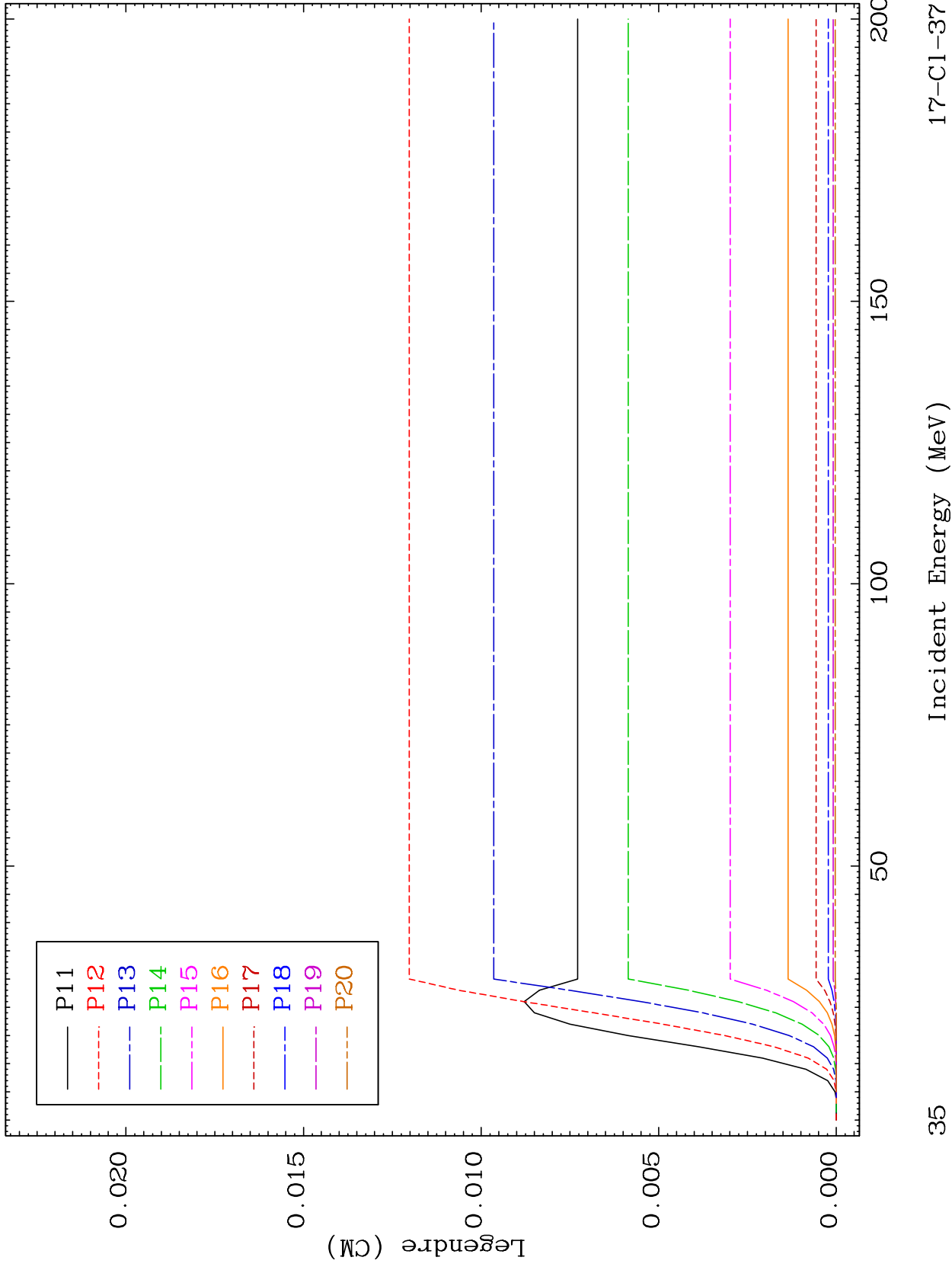
Incident Energy (MeV)

17-Cl-37

MAT 1731

17-Cl-37

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



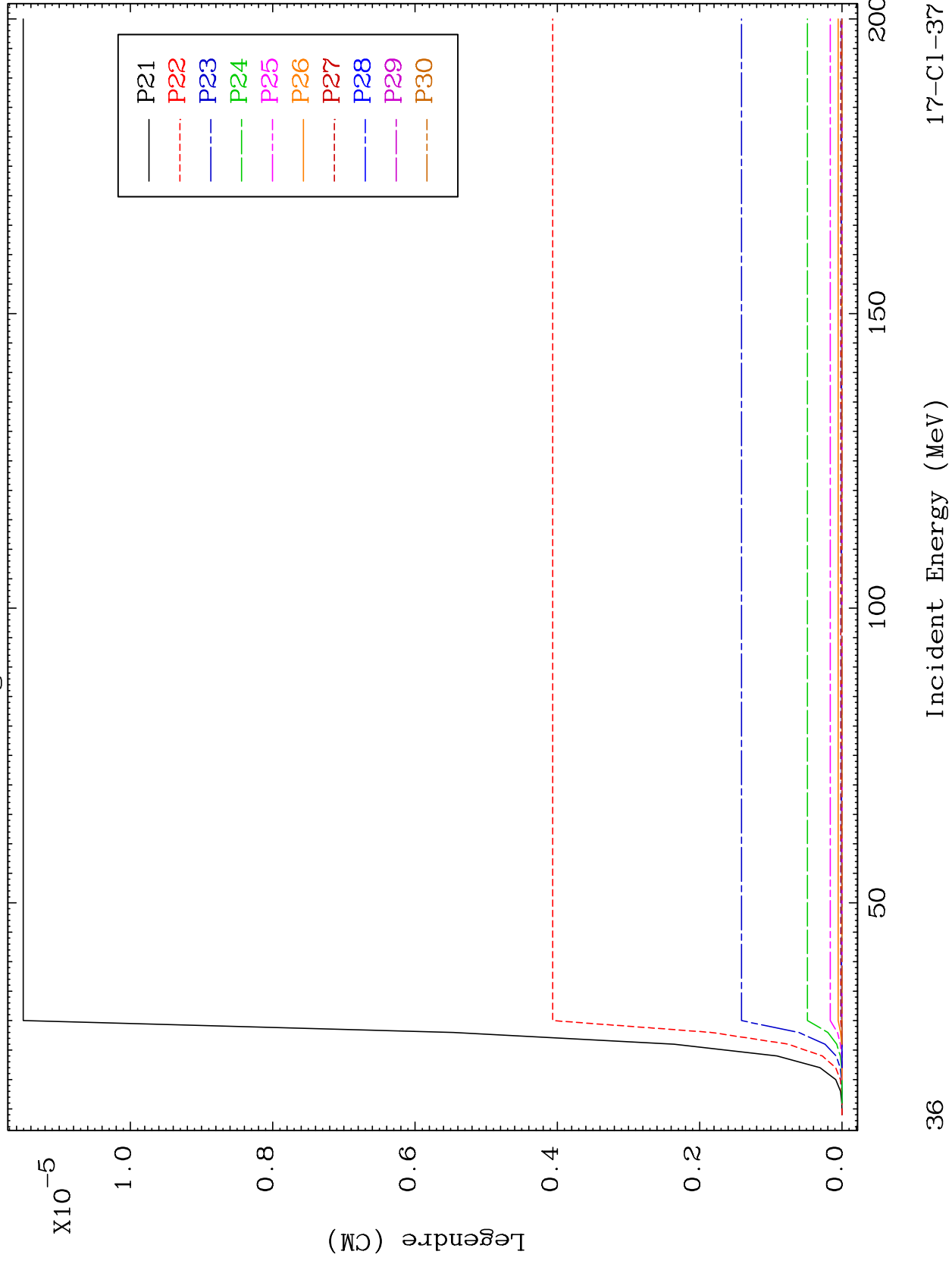
35

17-Cl-37

MAT 1731

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

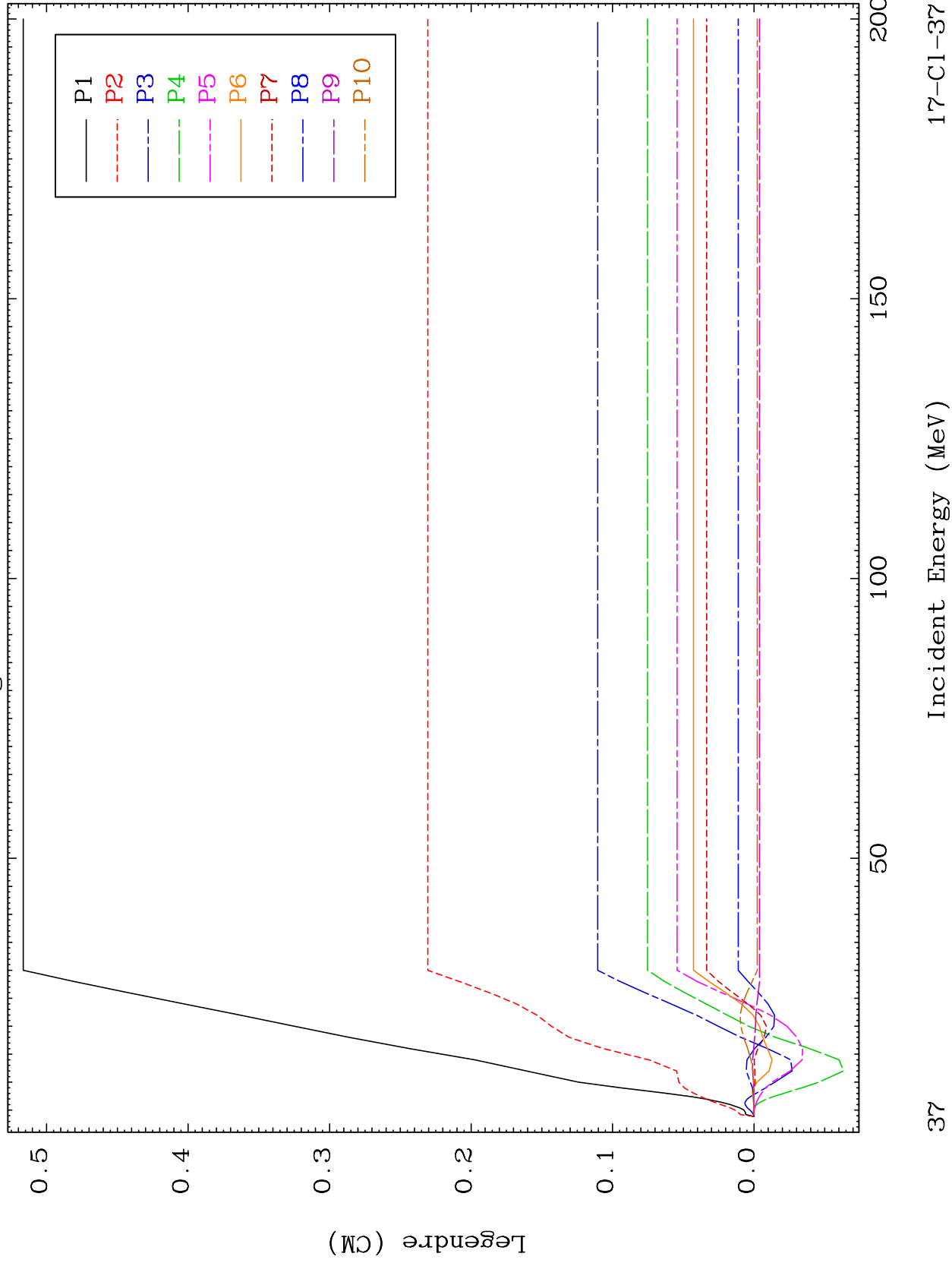
17-Cl-37



MAT 1731

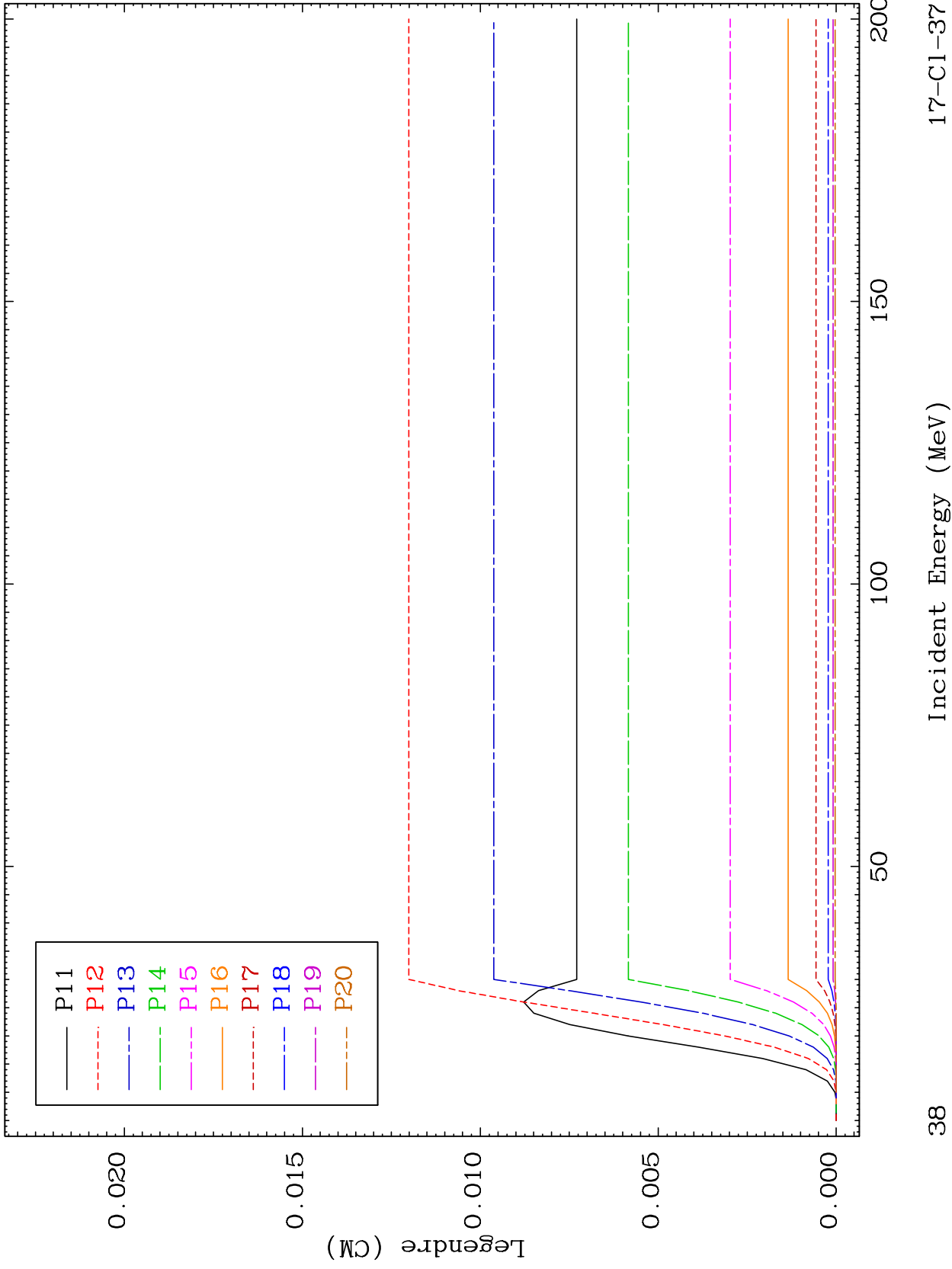
MT= 57 (n,n') Level
Legendre Coefficients

17-Cl-37



37

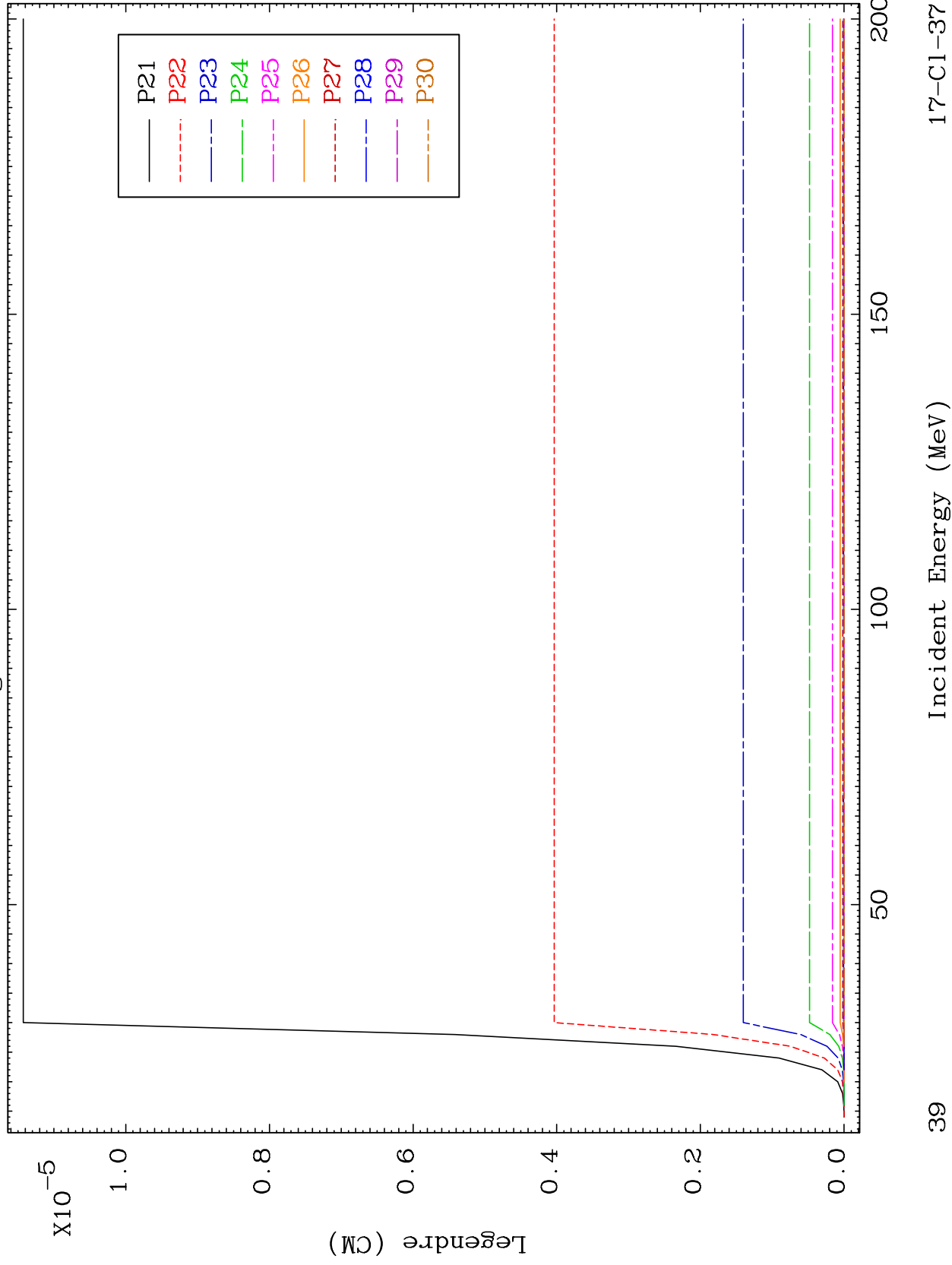
17-Cl-37



MAT 1731

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

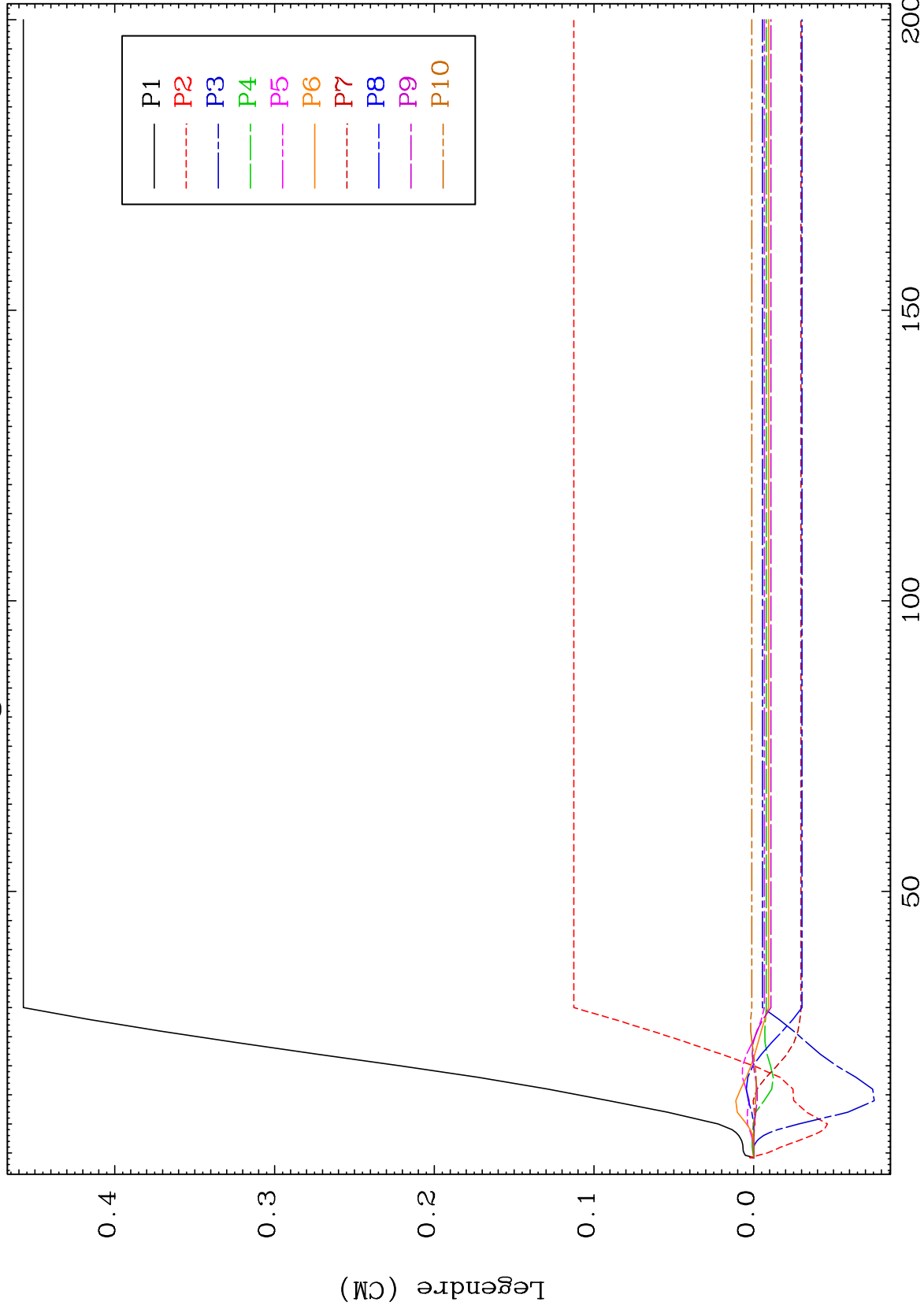
17-Cl-37



MAT 1731

MT= 58 (n,n') Level
Legendre Coefficients

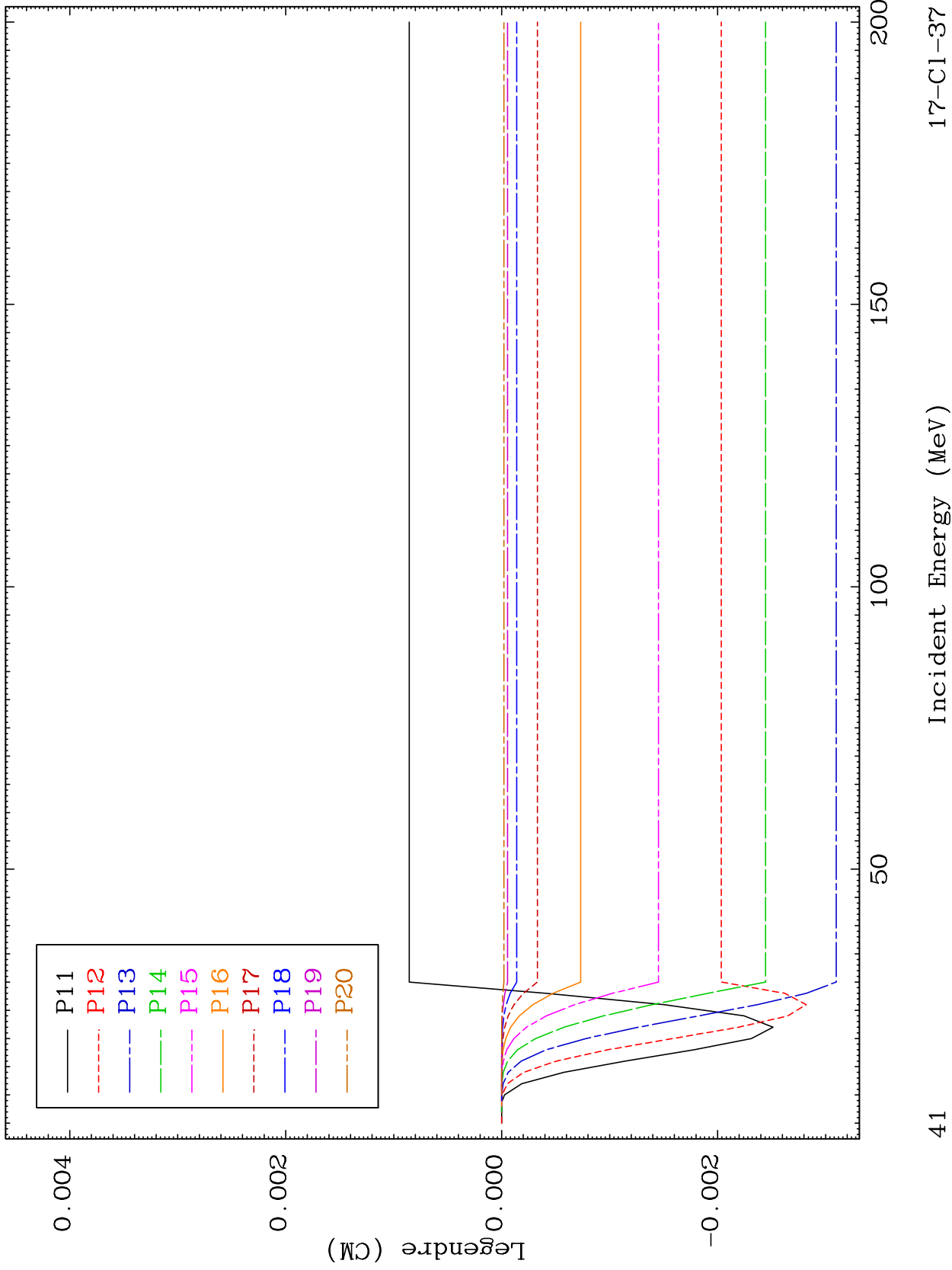
17-Cl-37

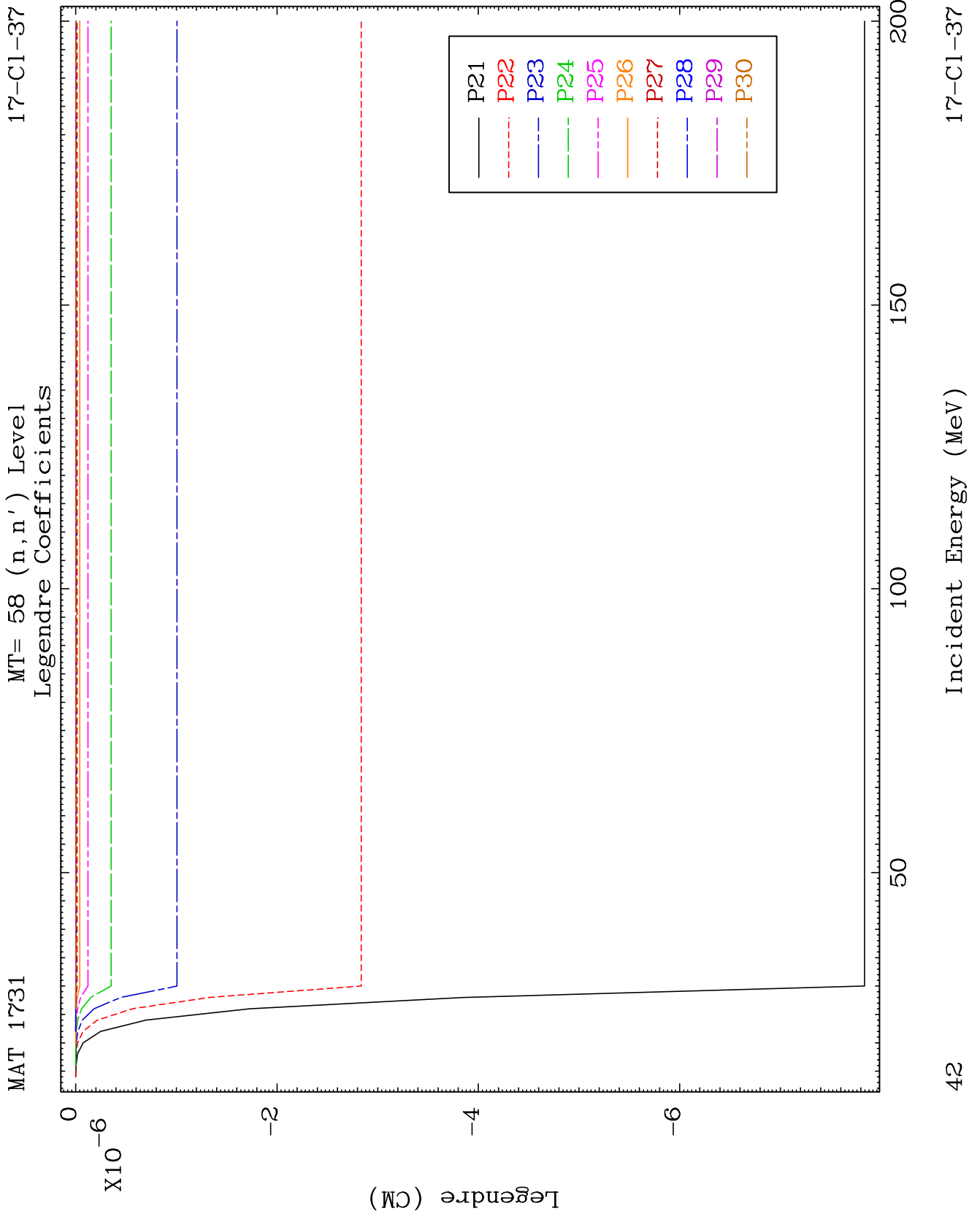


40

Incident Energy (MeV)

17-Cl-37

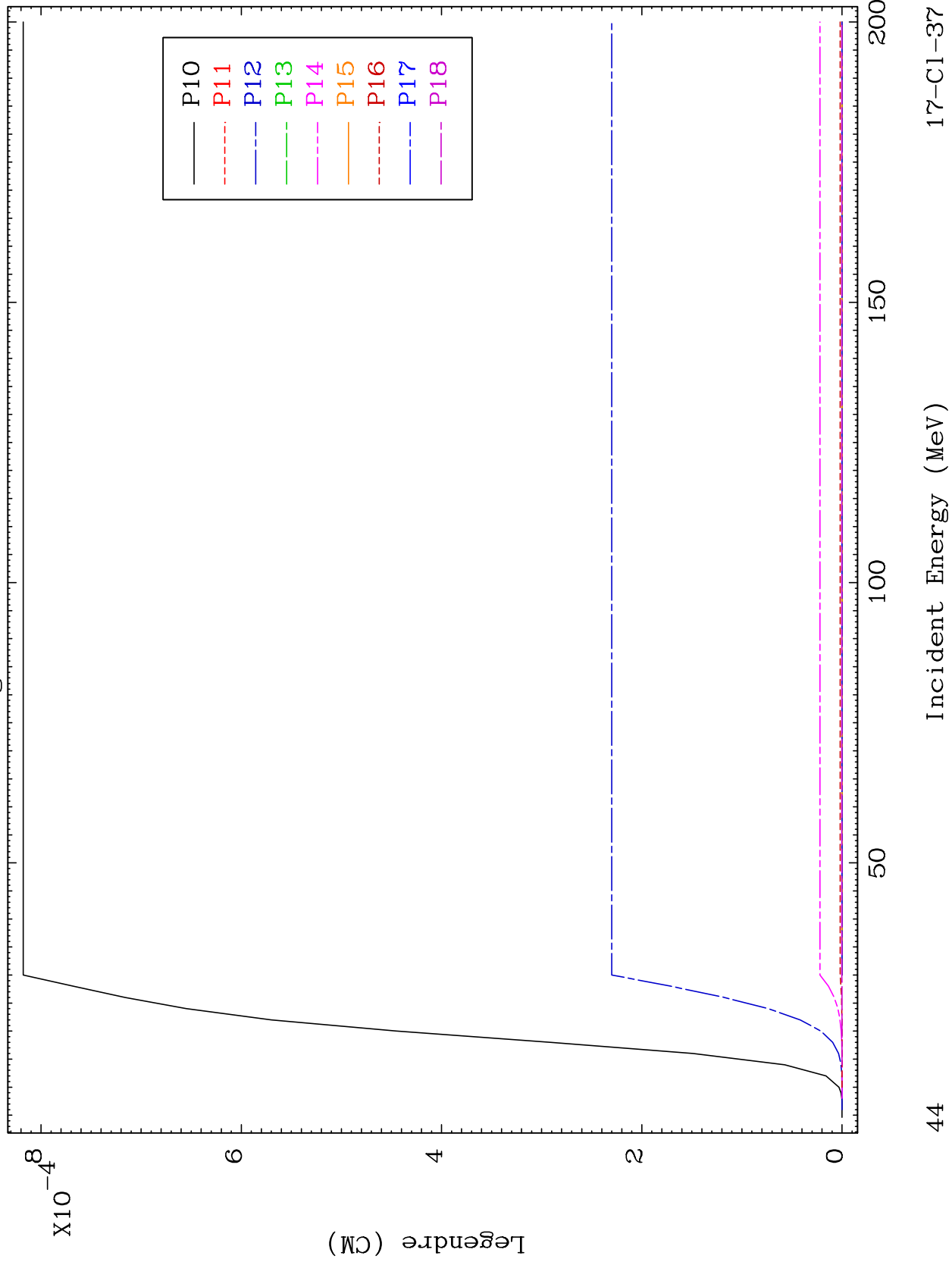




MAT 1731

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

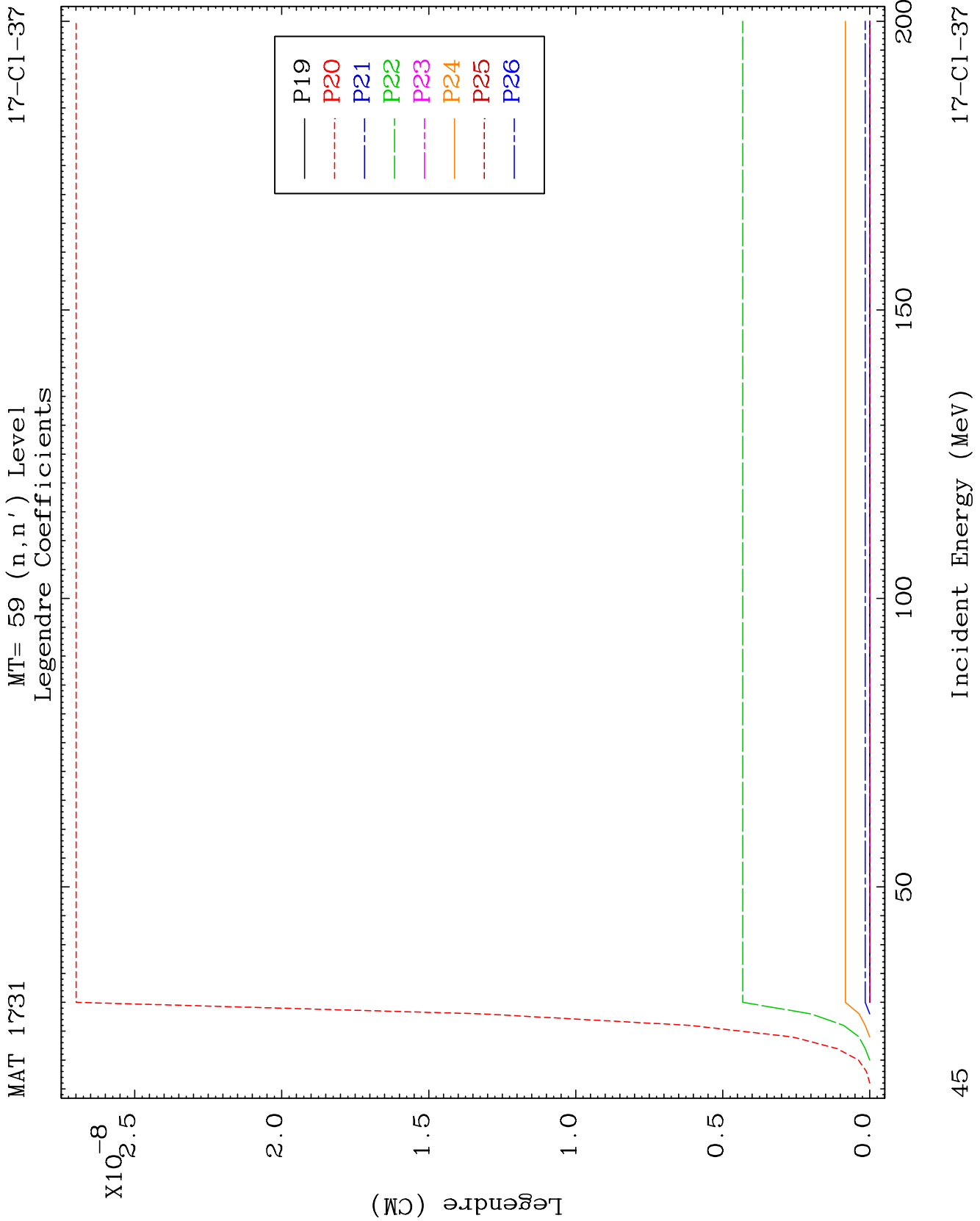
17-Cl-37



17-Cl-37

Incident Energy (MeV)

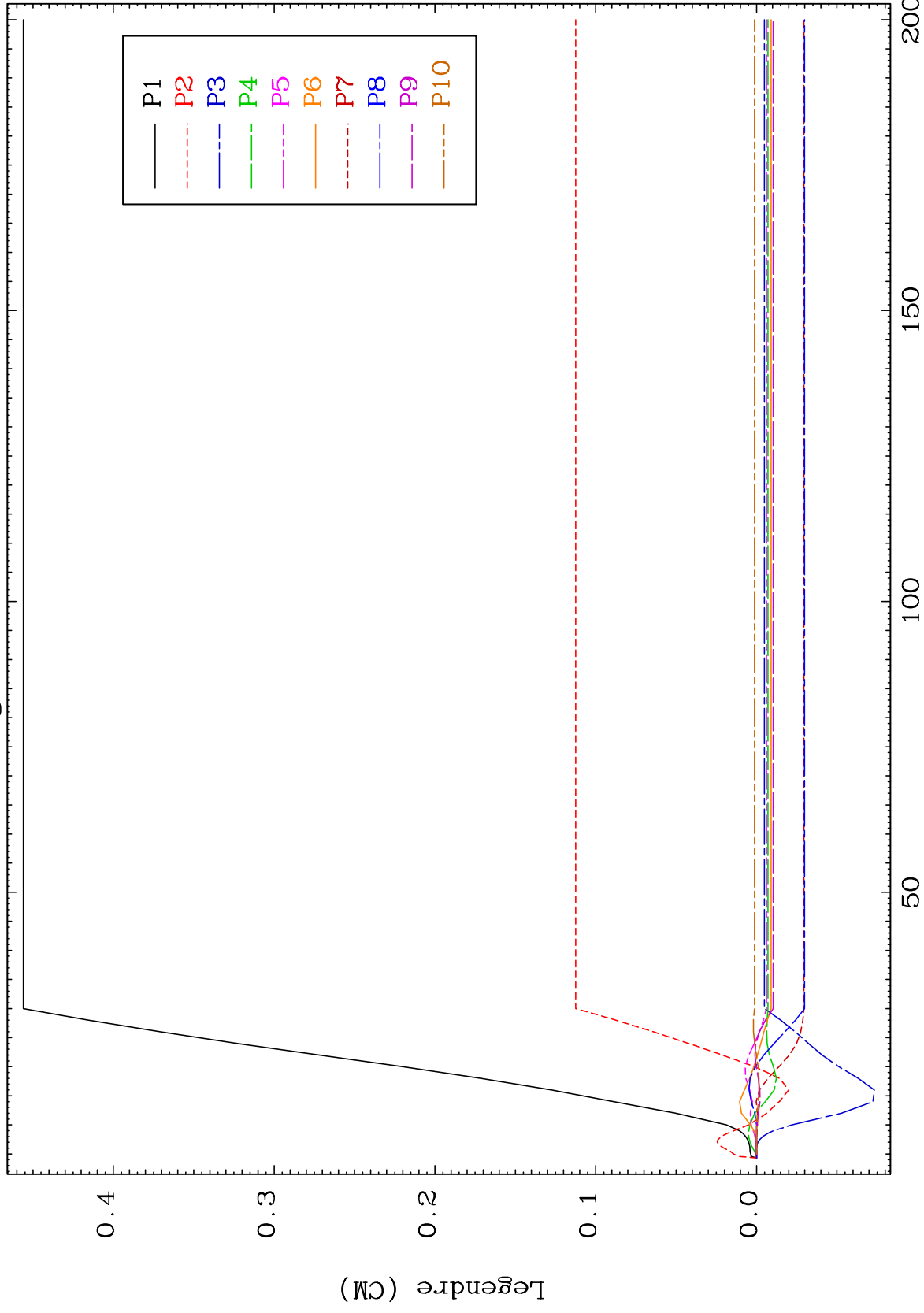
44



MAT 1731

MT= 60 (n,n') Level
Legendre Coefficients

17-Cl-37



46

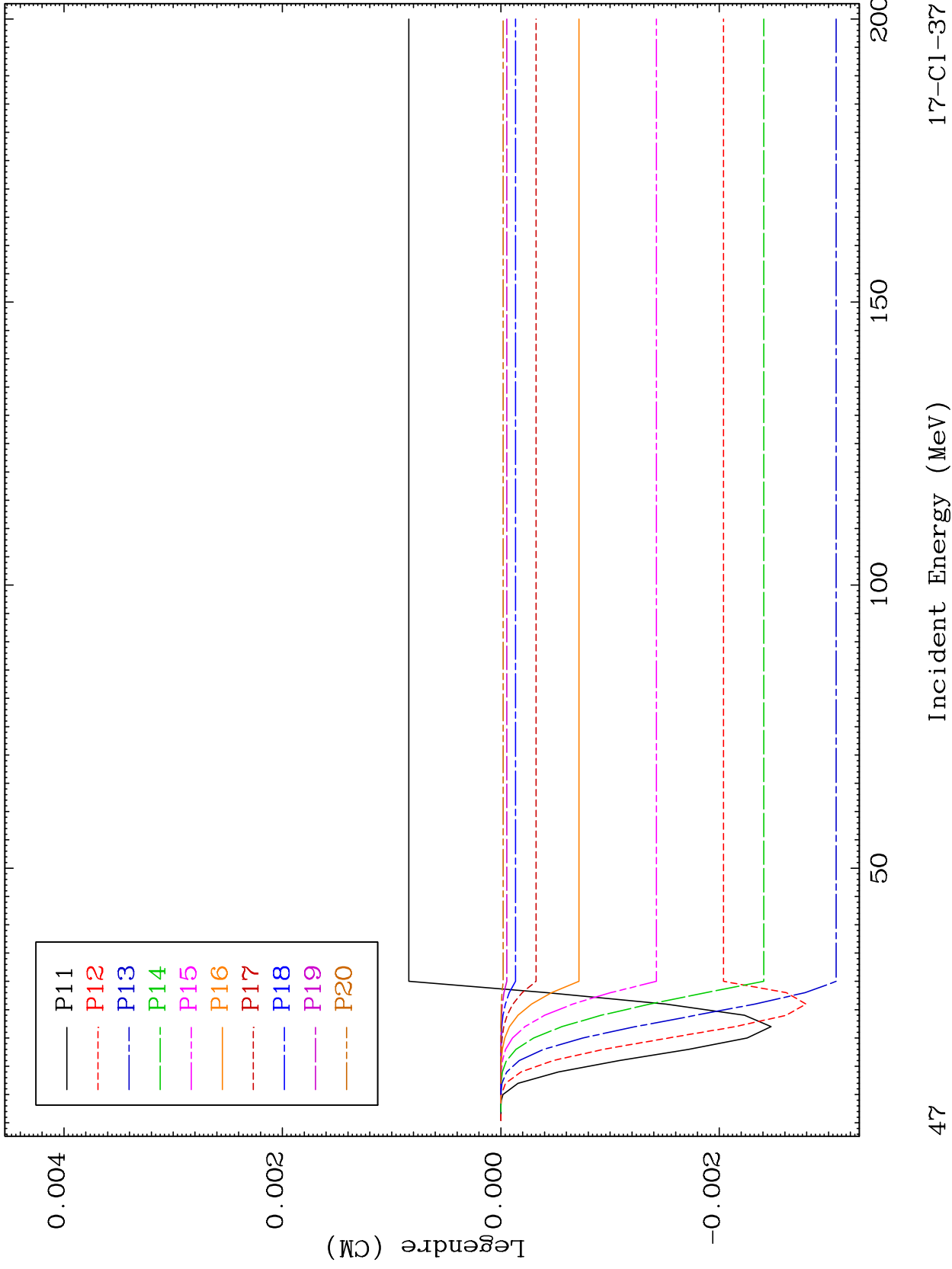
Incident Energy (MeV)

17-Cl-37

MAT 1731

MT= 60 (n,n') Level
Legendre Coefficients

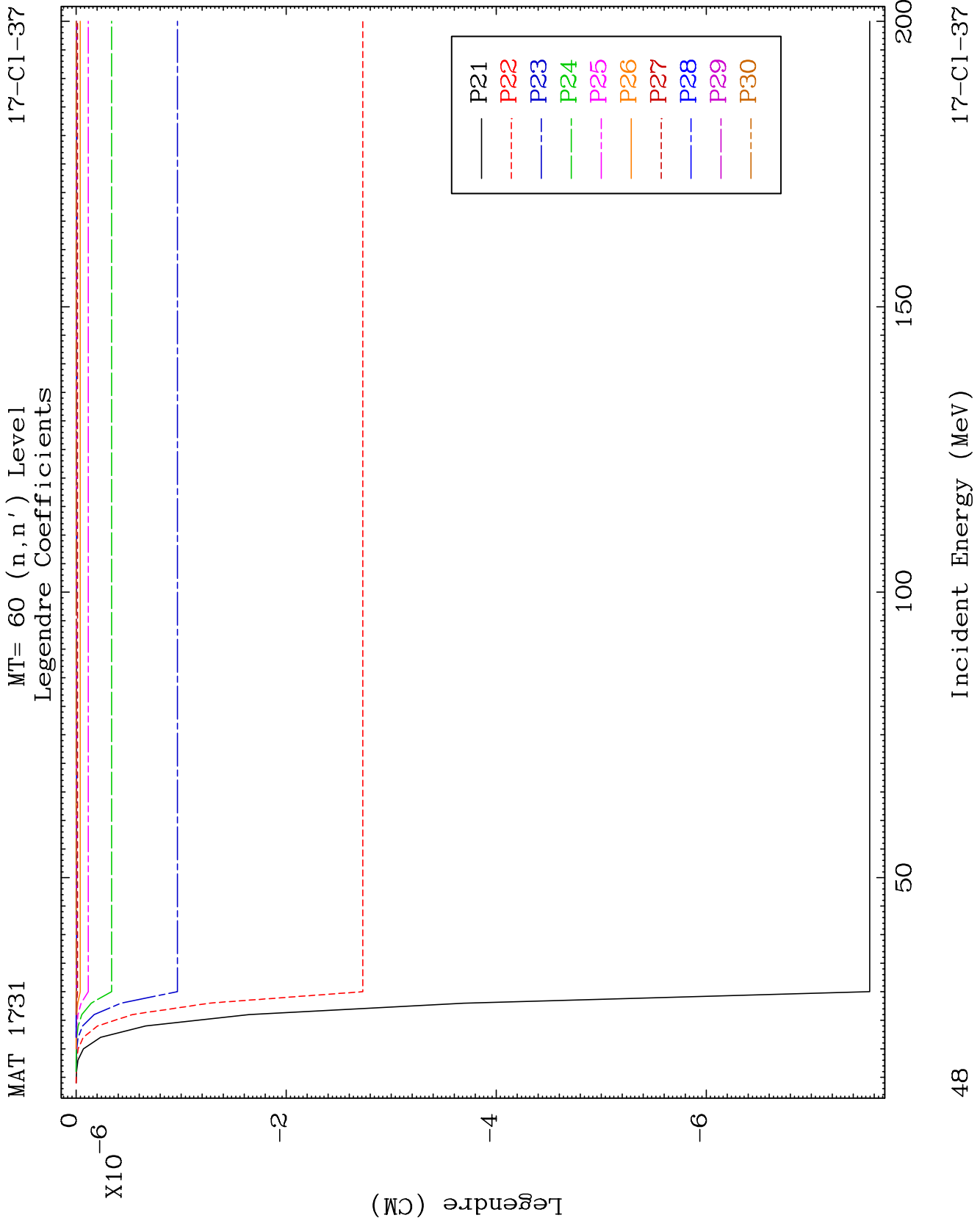
17-Cl-37



47

Incident Energy (MeV)

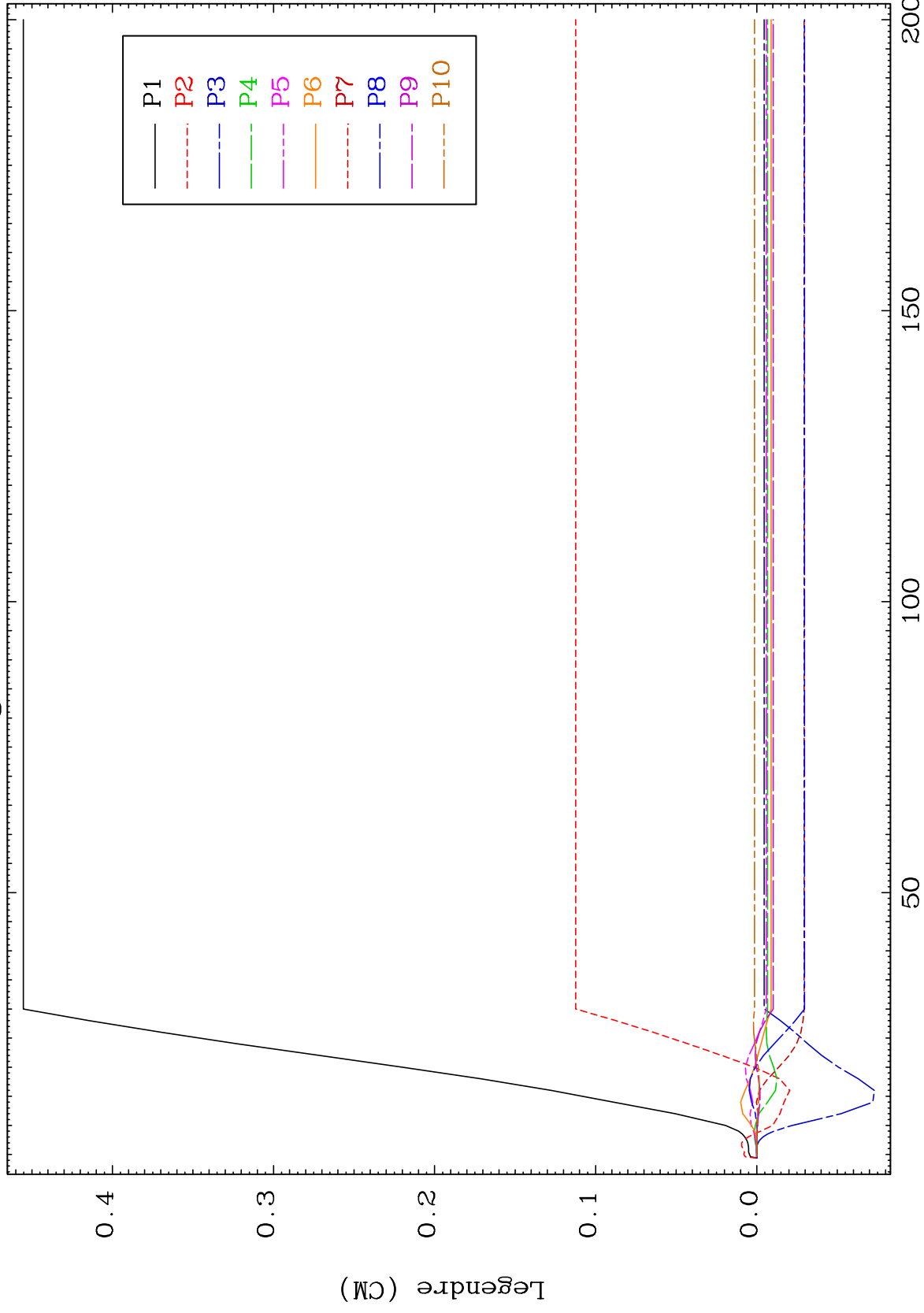
17-Cl-37



MAT 1731

MT= 61 (n,n') Level
Legendre Coefficients

17-Cl-37



49

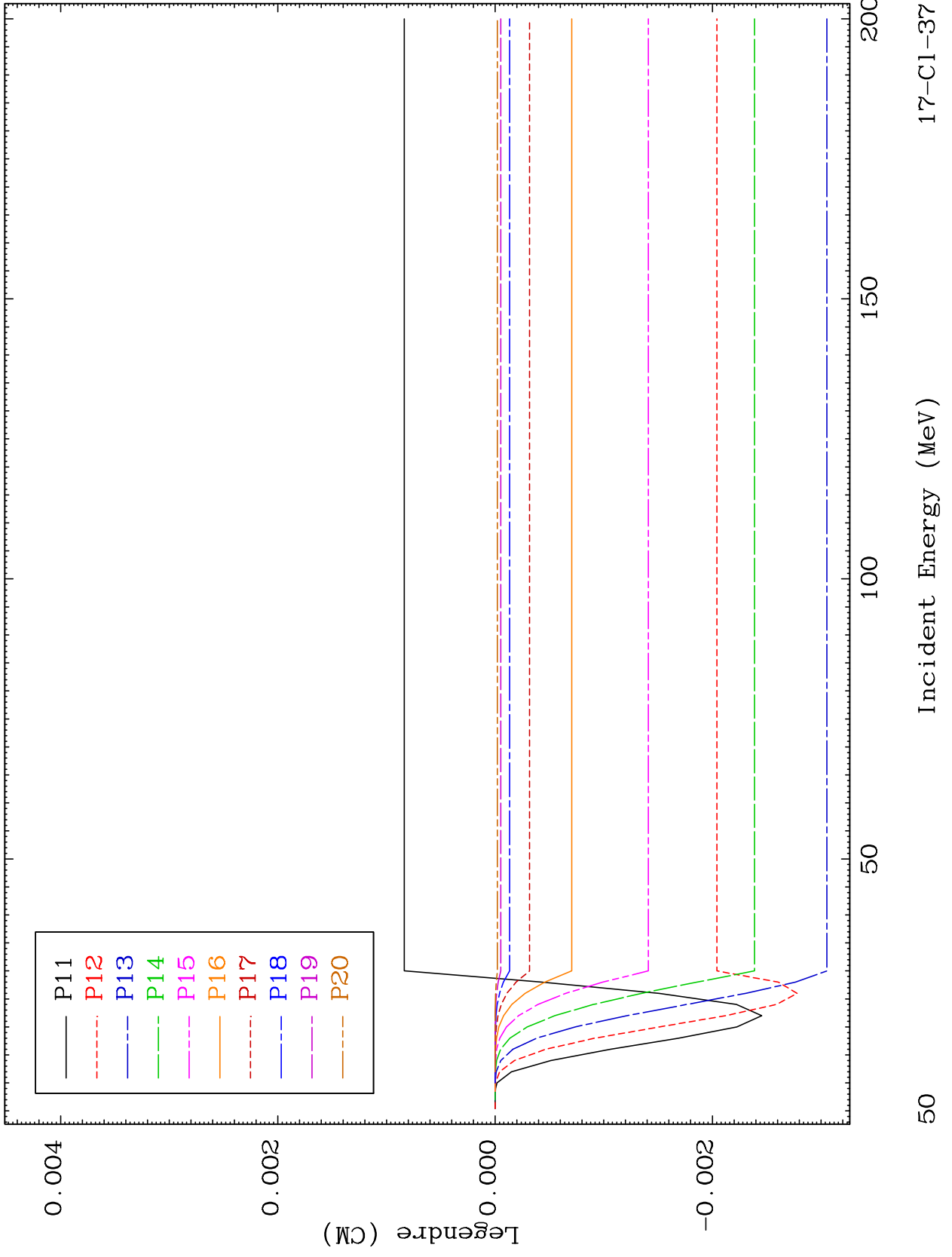
Incident Energy (MeV)

17-Cl-37

MAT 1731

MT= 61 (n,n') Level
Legendre Coefficients

17-Cl-37



50

Incident Energy (MeV)

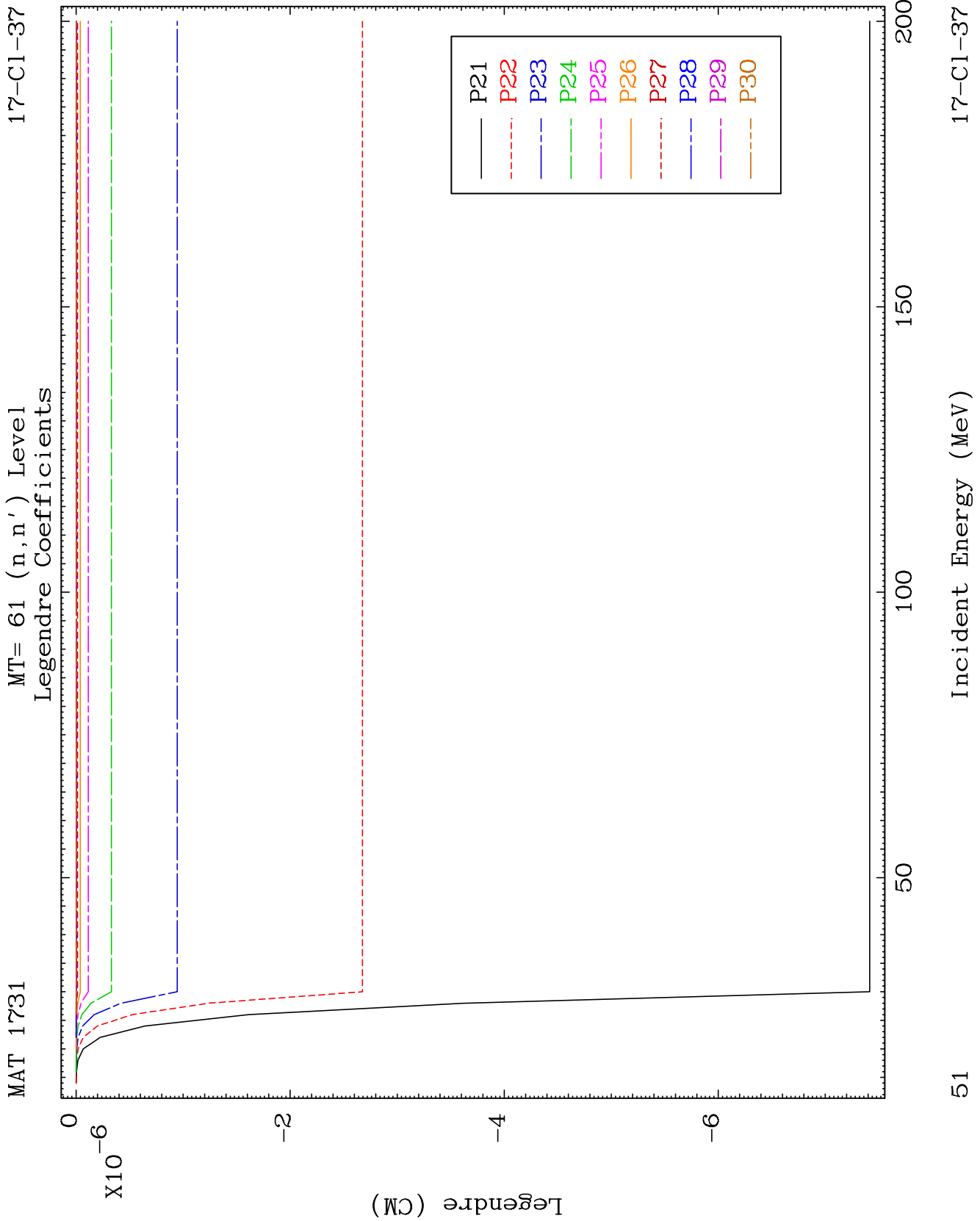
50

100

150

200

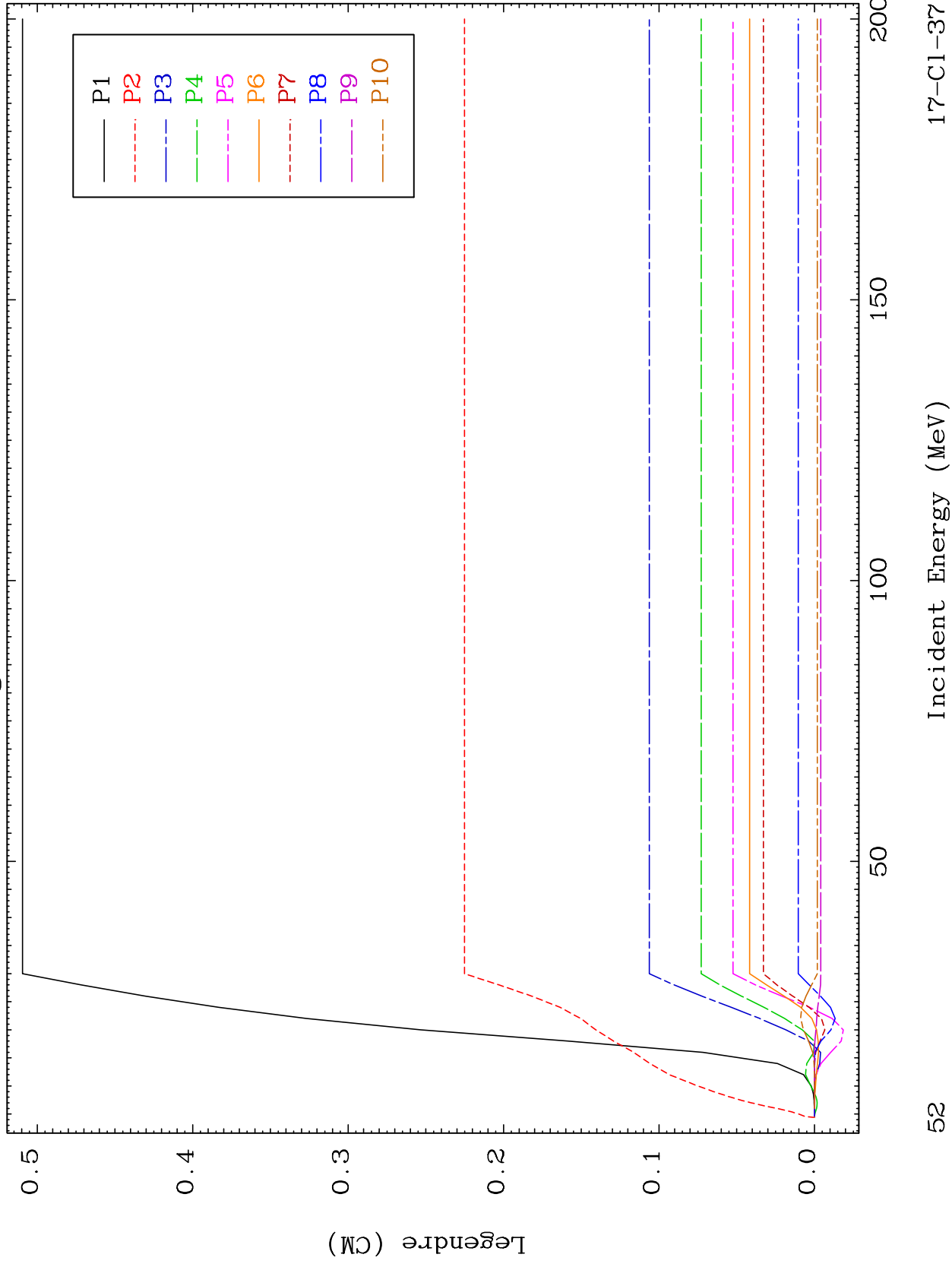
17-Cl-37



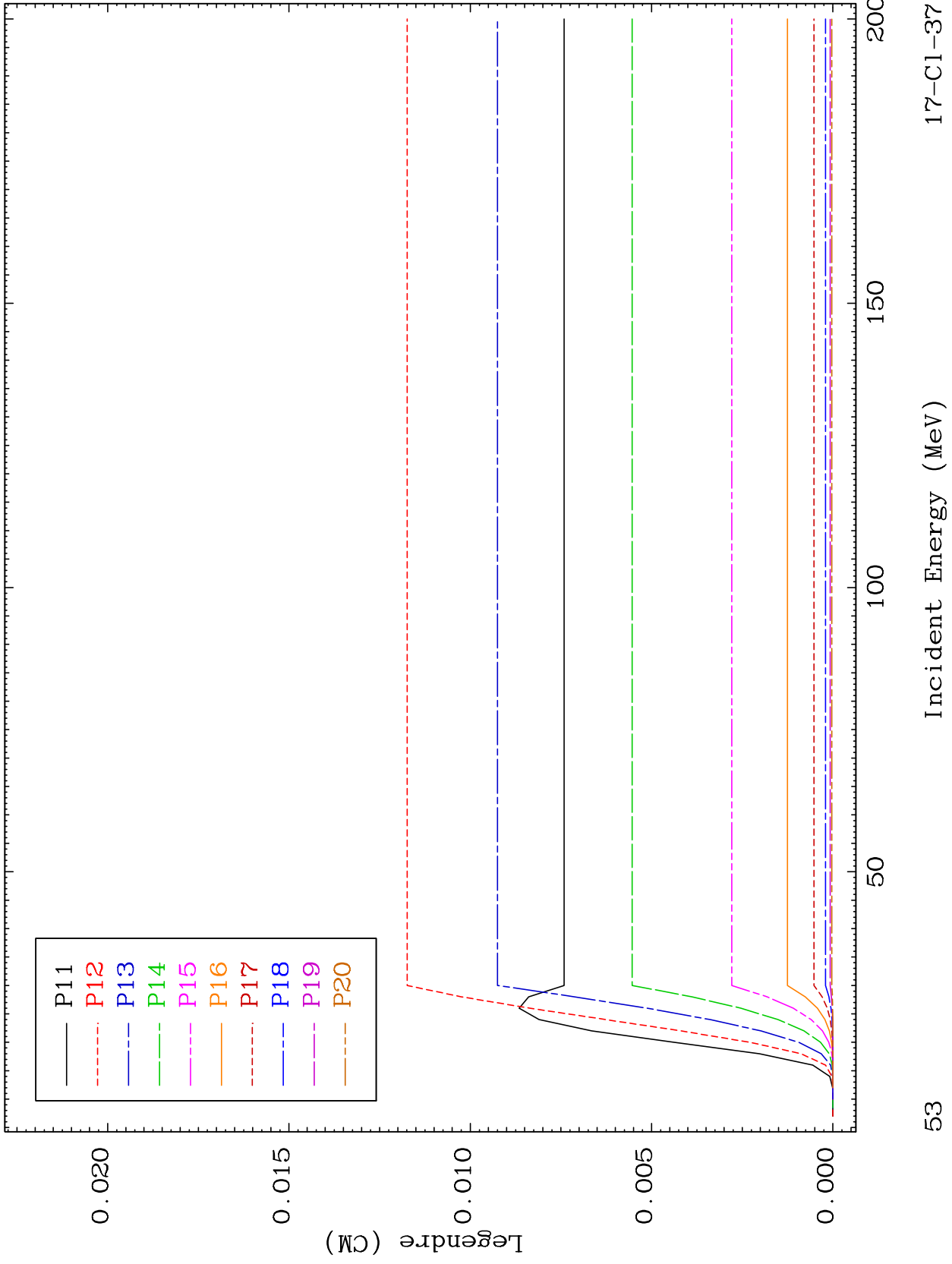
MAT 1731

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

17-Cl-37



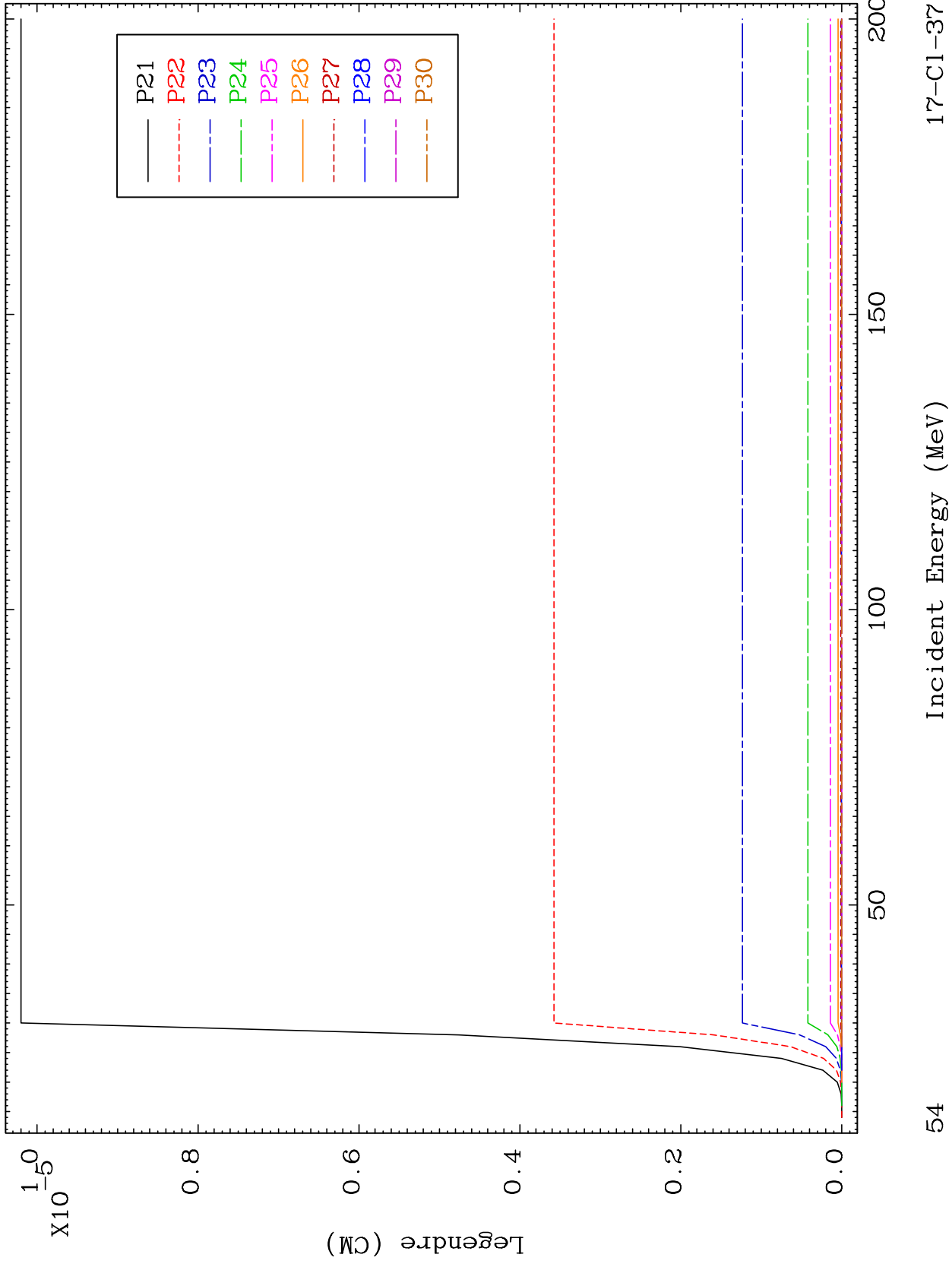
52



MAT 1731

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

17-Cl-37



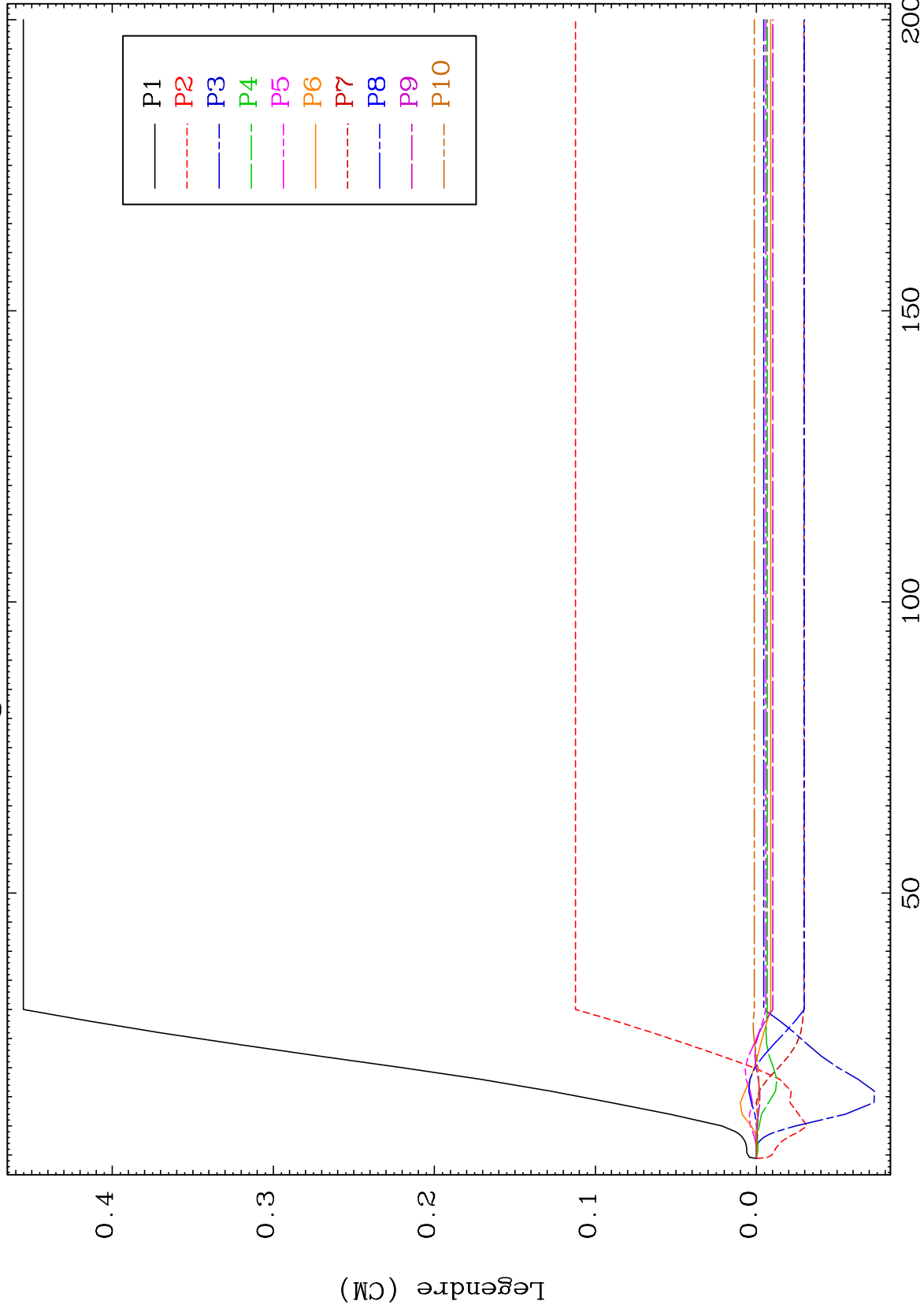
54

17-Cl-37

MAT 1731

MT= 63 (n,n') Level
Legendre Coefficients

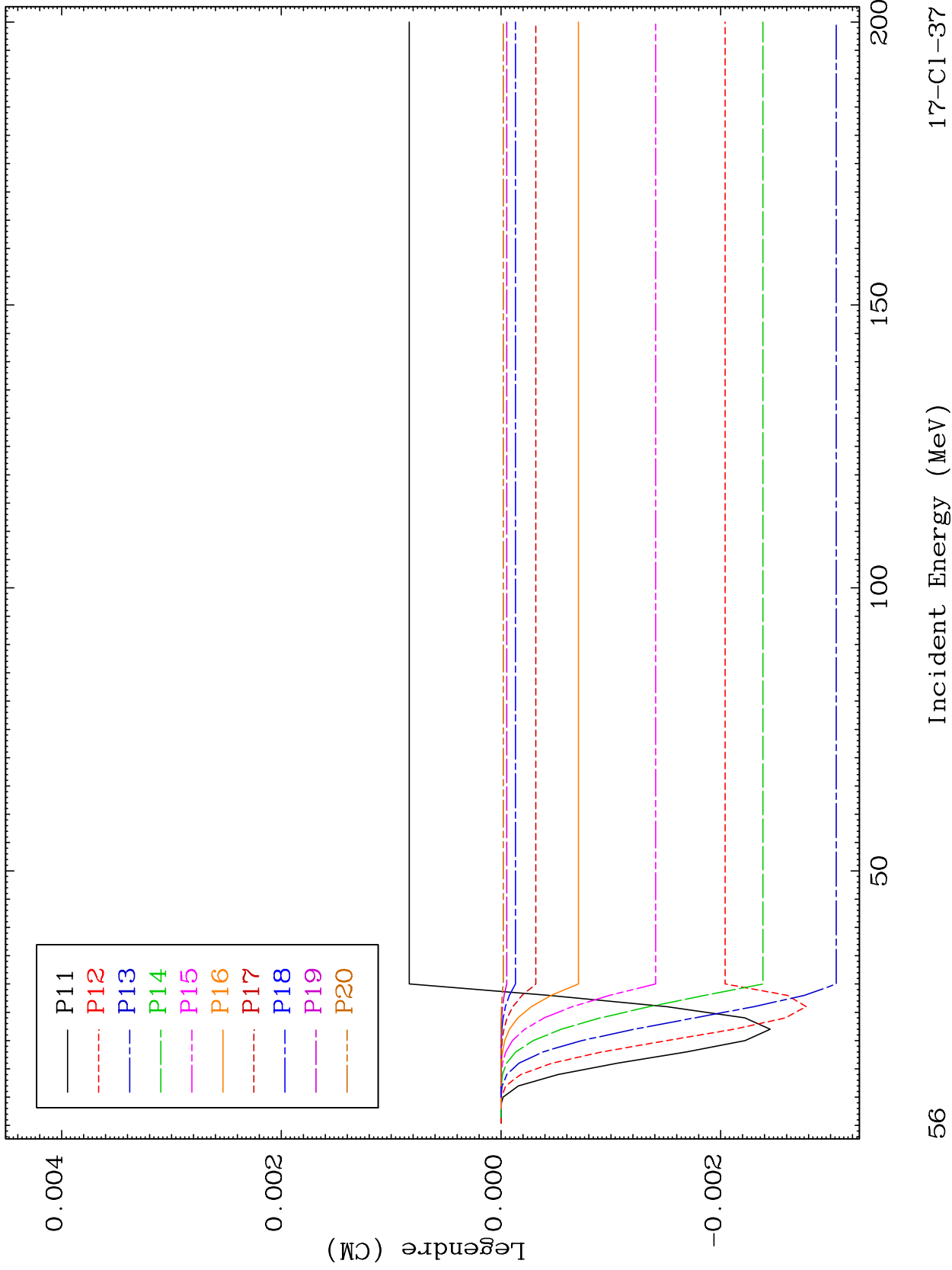
17-Cl-37

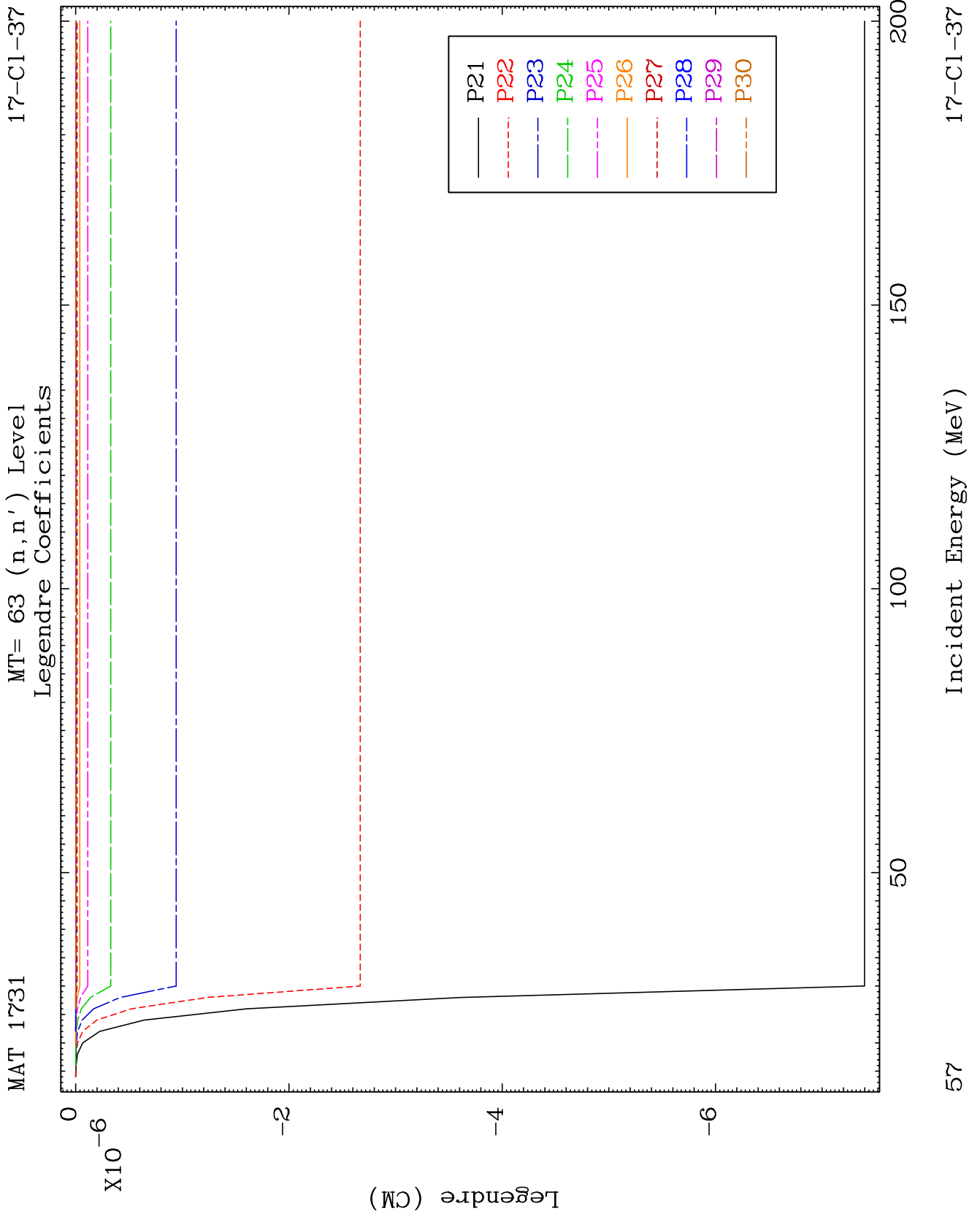


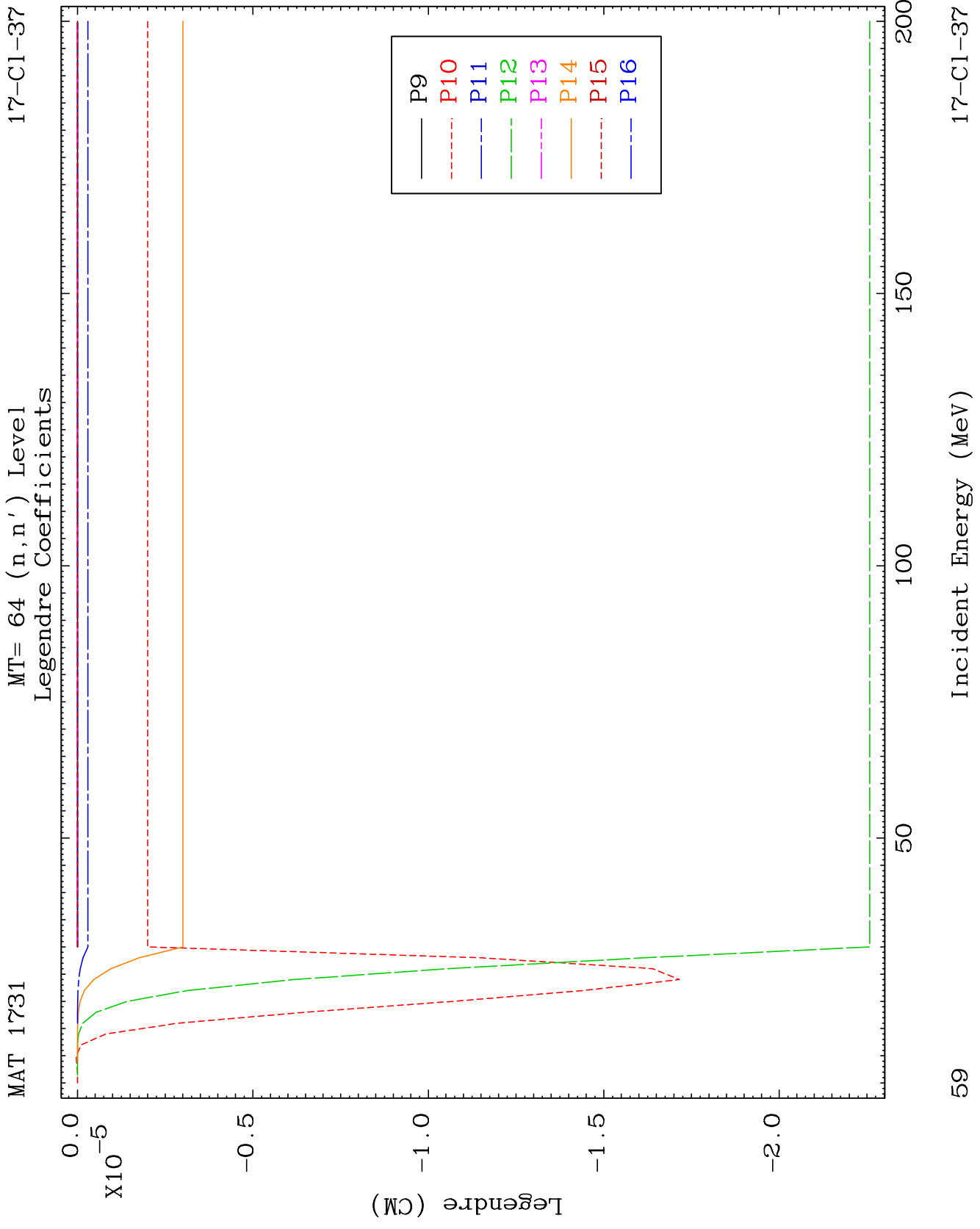
55

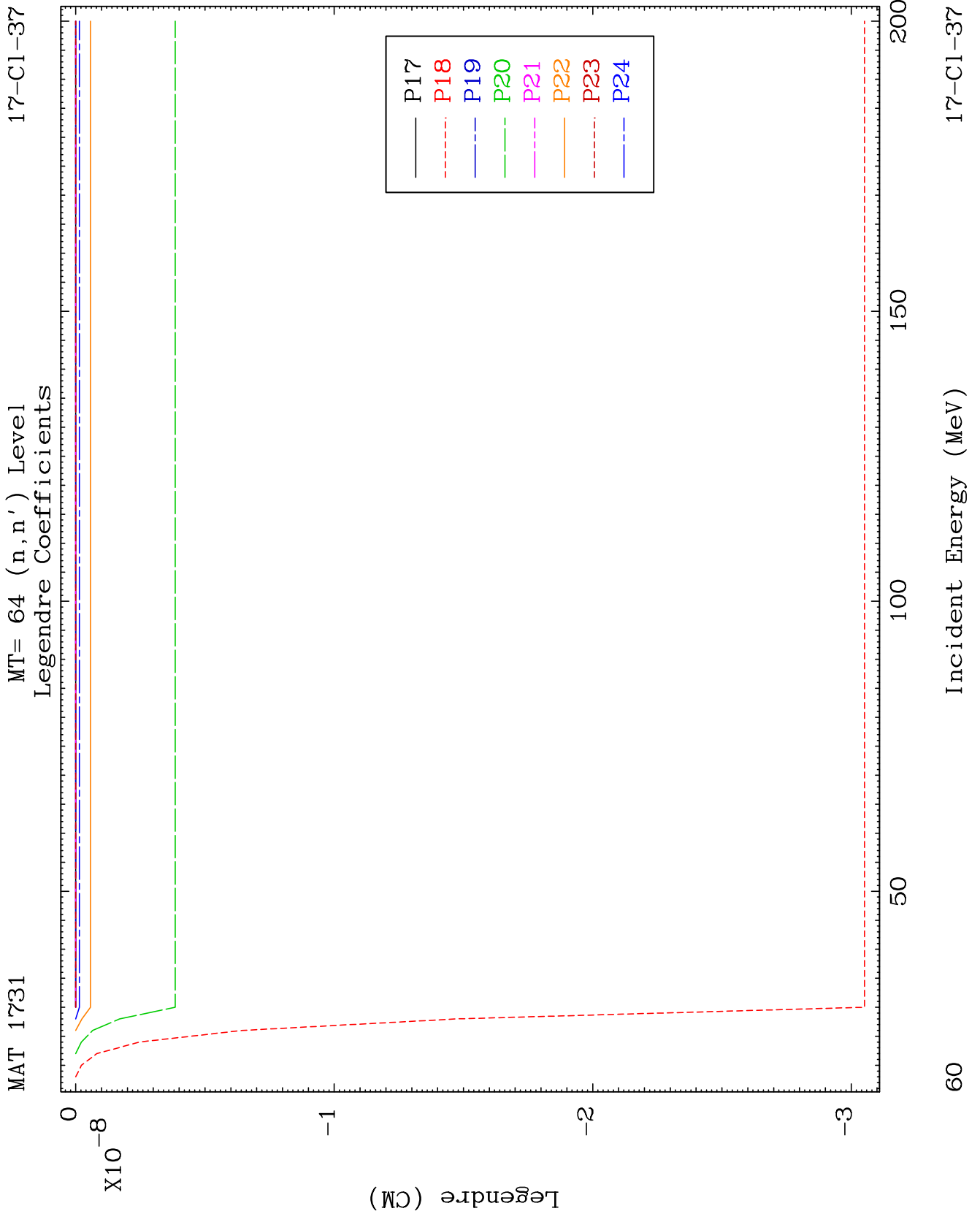
Incident Energy (MeV)

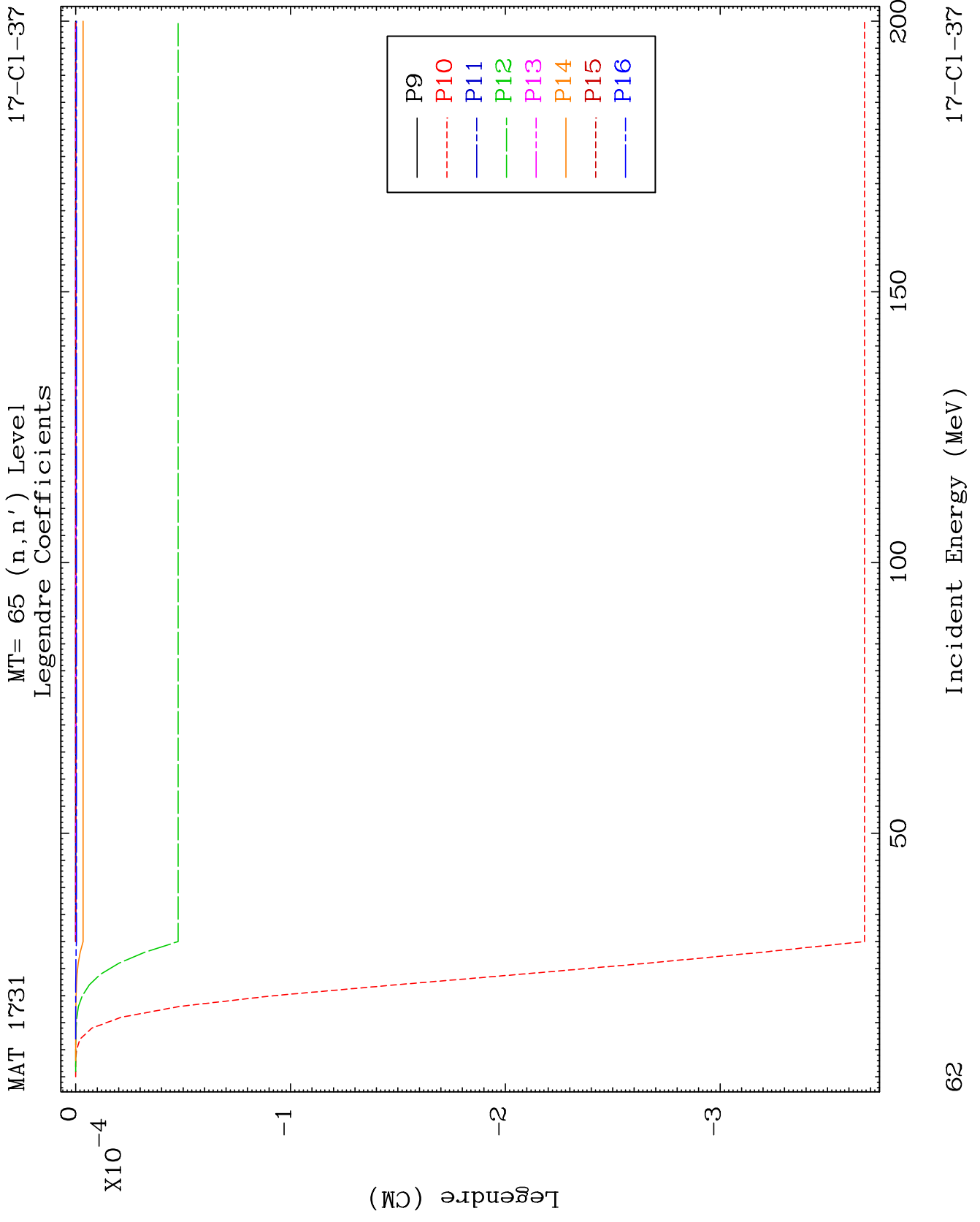
17-Cl-37

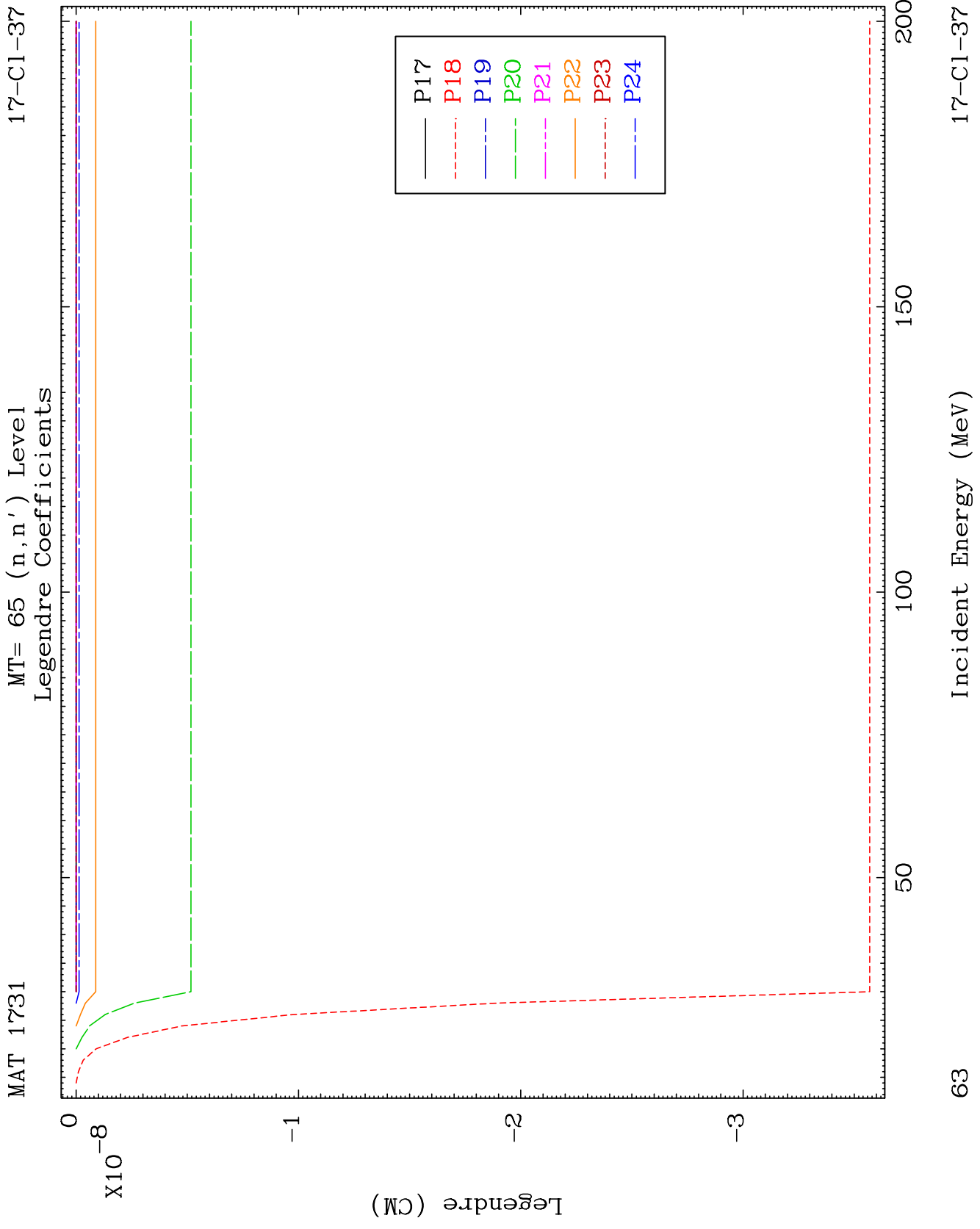








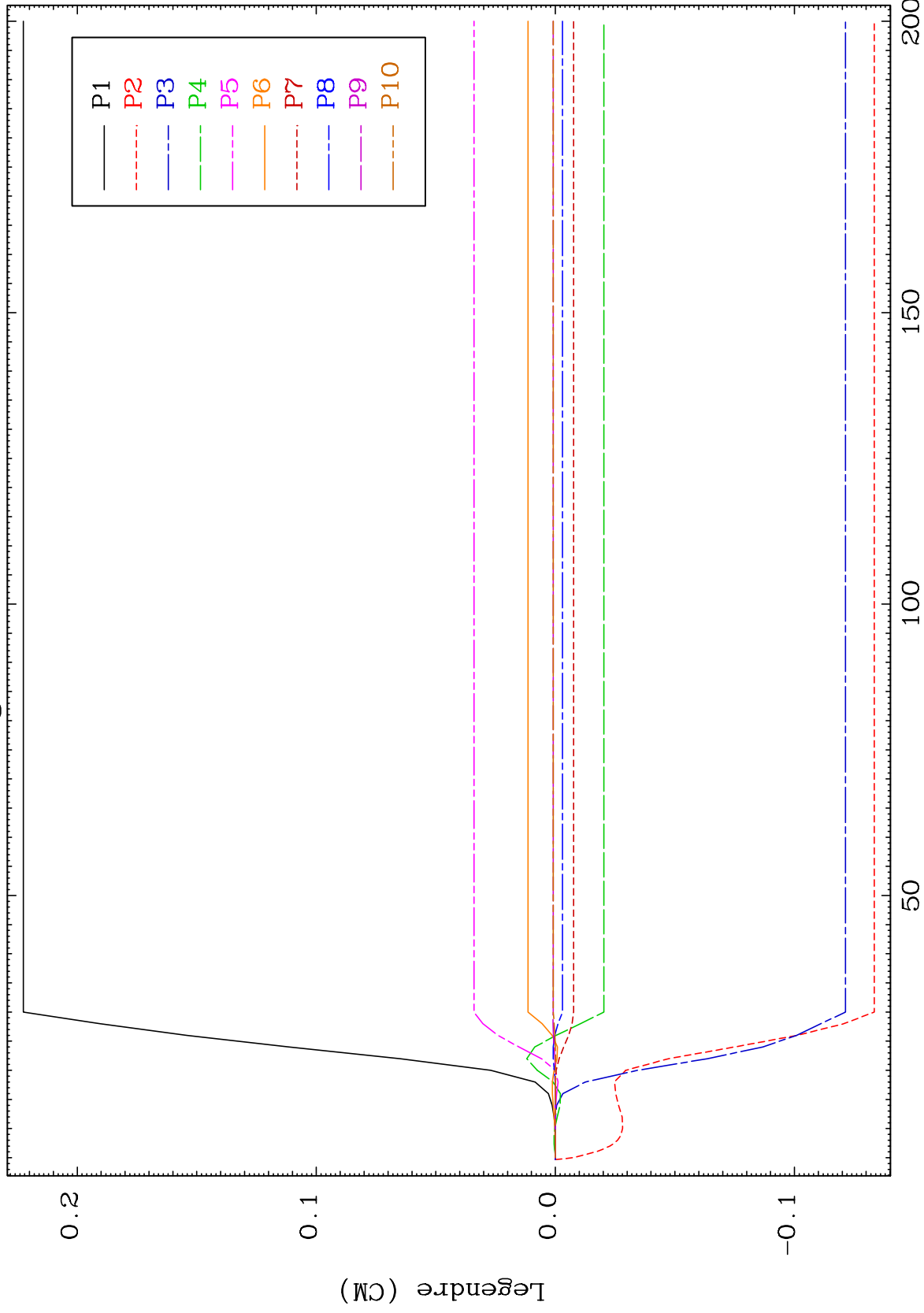




MAT 1731

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

17-Cl-37



64

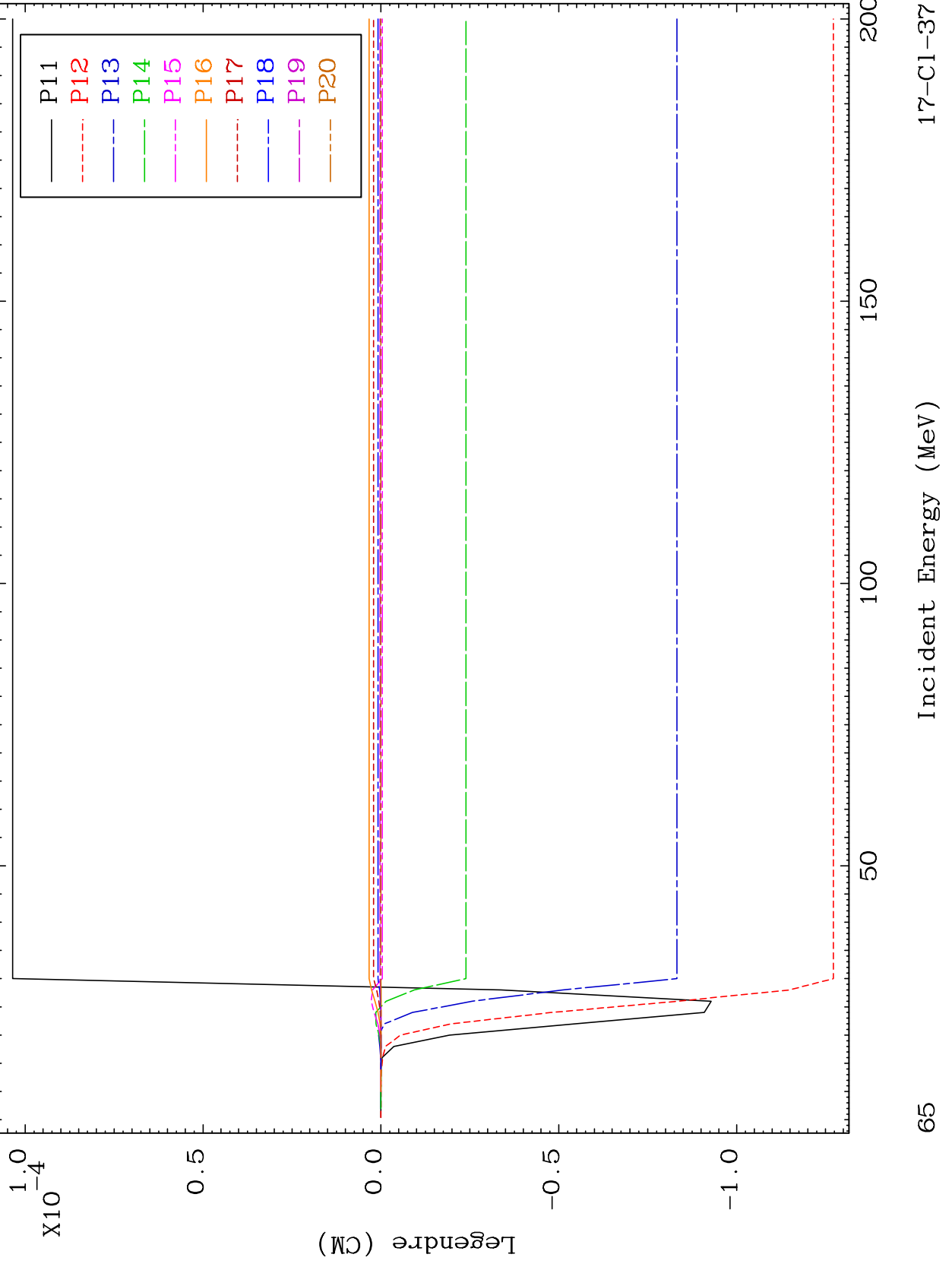
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

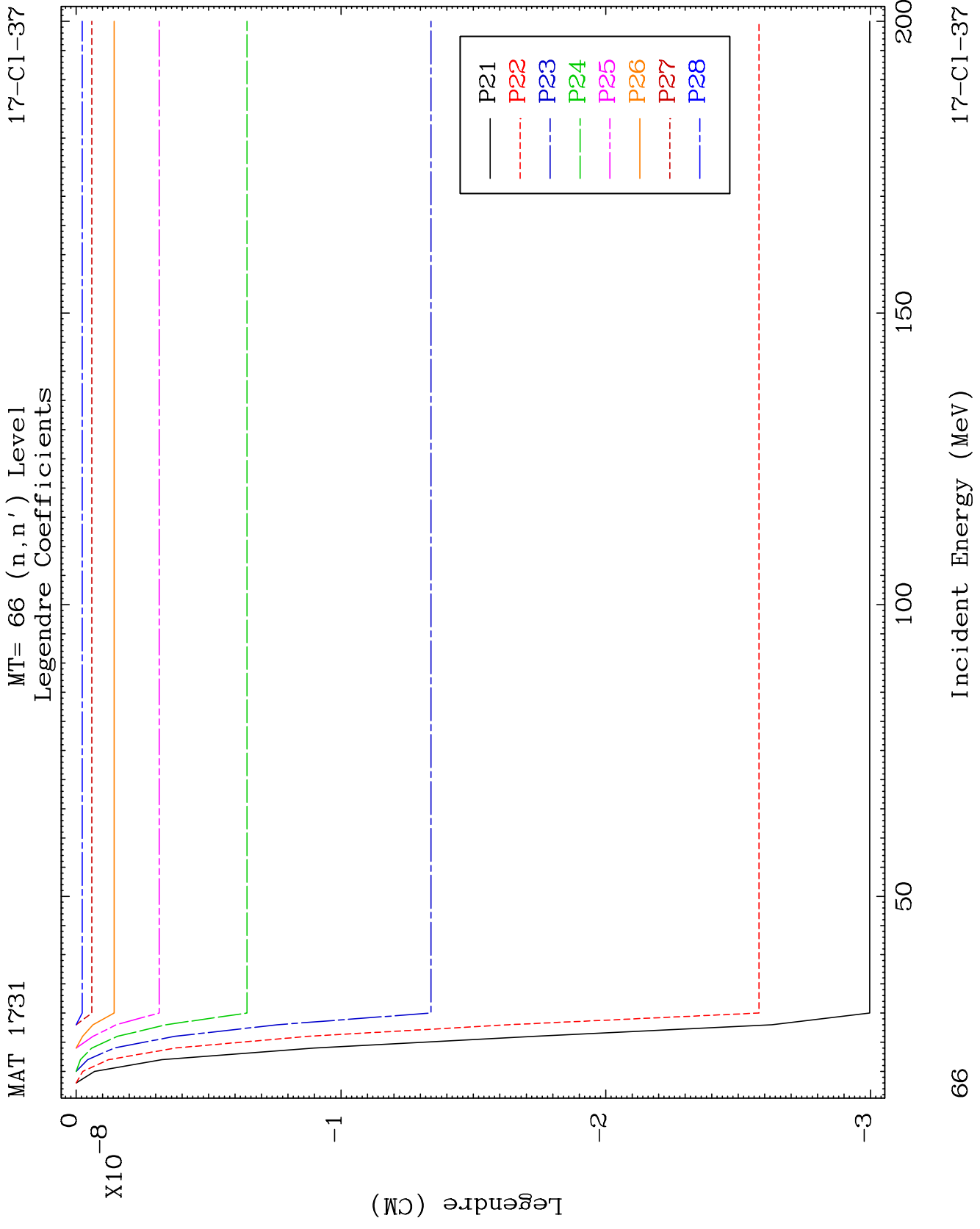
17-Cl-37



65

Incident Energy (MeV)

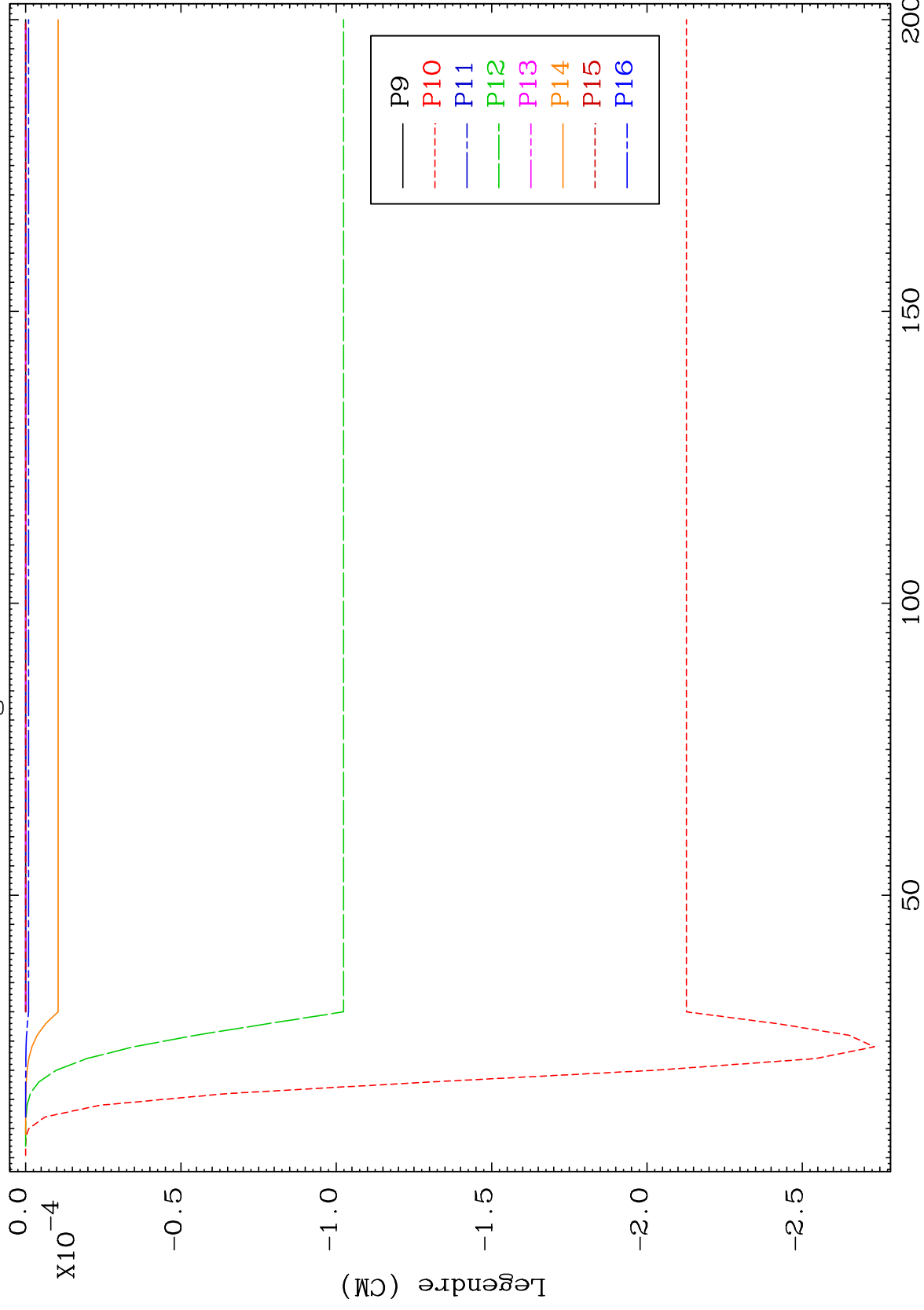
17-Cl-37



MAT 1731

17-Cl-37

MT= 67 (n,n') Level
Legendre Coefficients



68

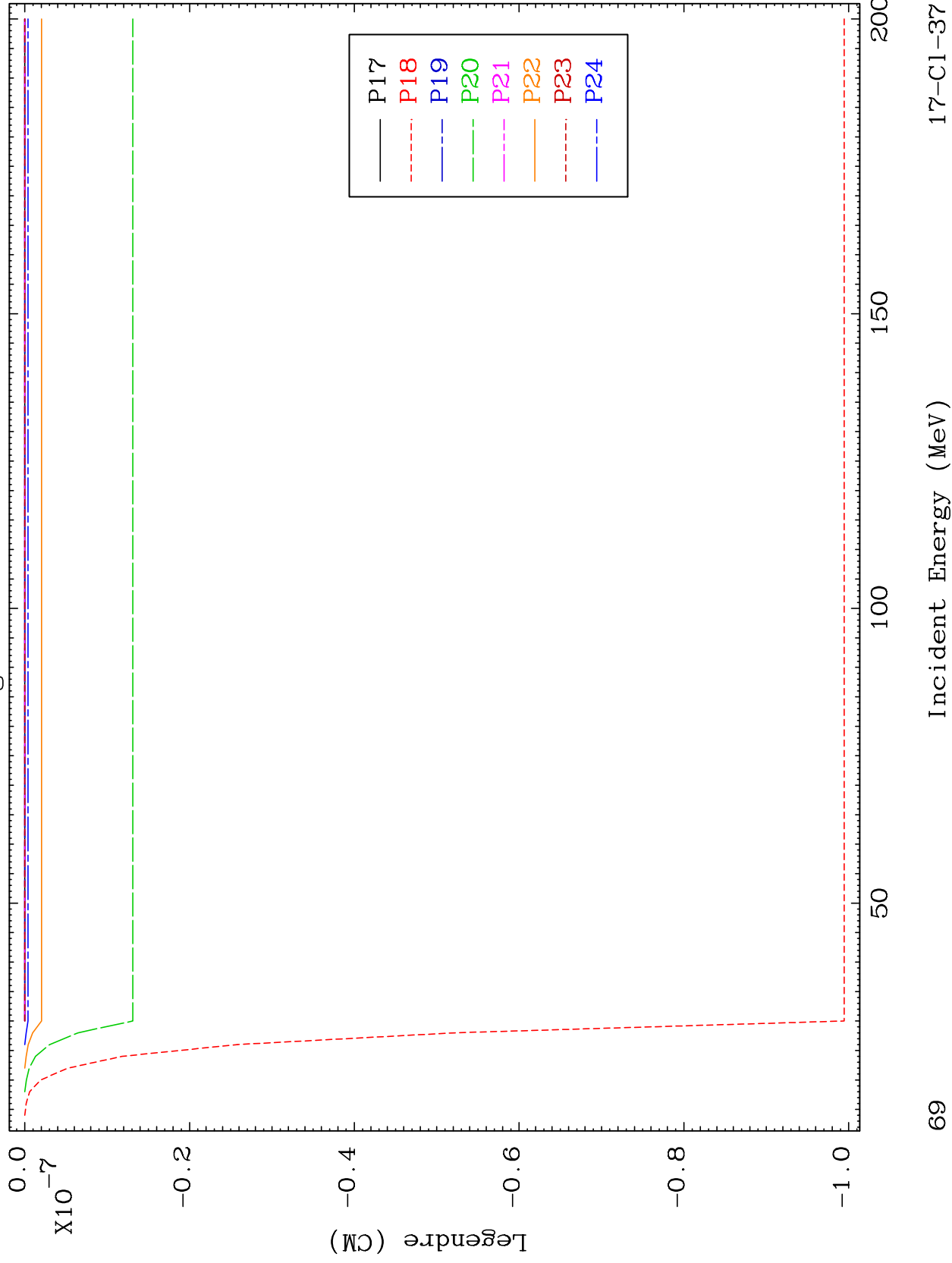
Incident Energy (MeV)

17-Cl-37

MAT 1731

17-Cl-37

MT= 67 (n,n') Level
Legendre Coefficients



69

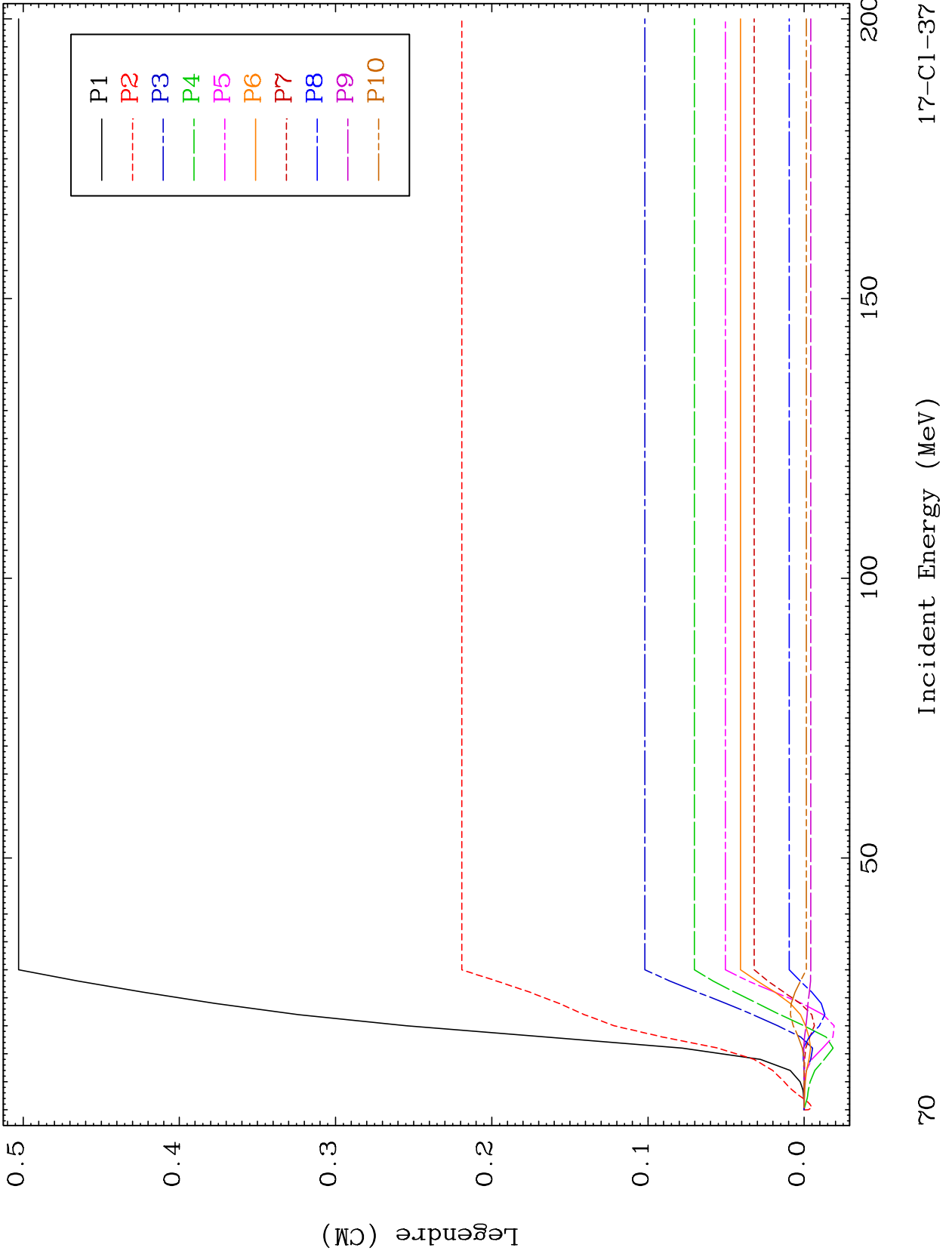
Incident Energy (MeV)

17-Cl-37

MAT 1731

MT= 68 (n,n') Level
Legendre Coefficients

17-Cl-37



70

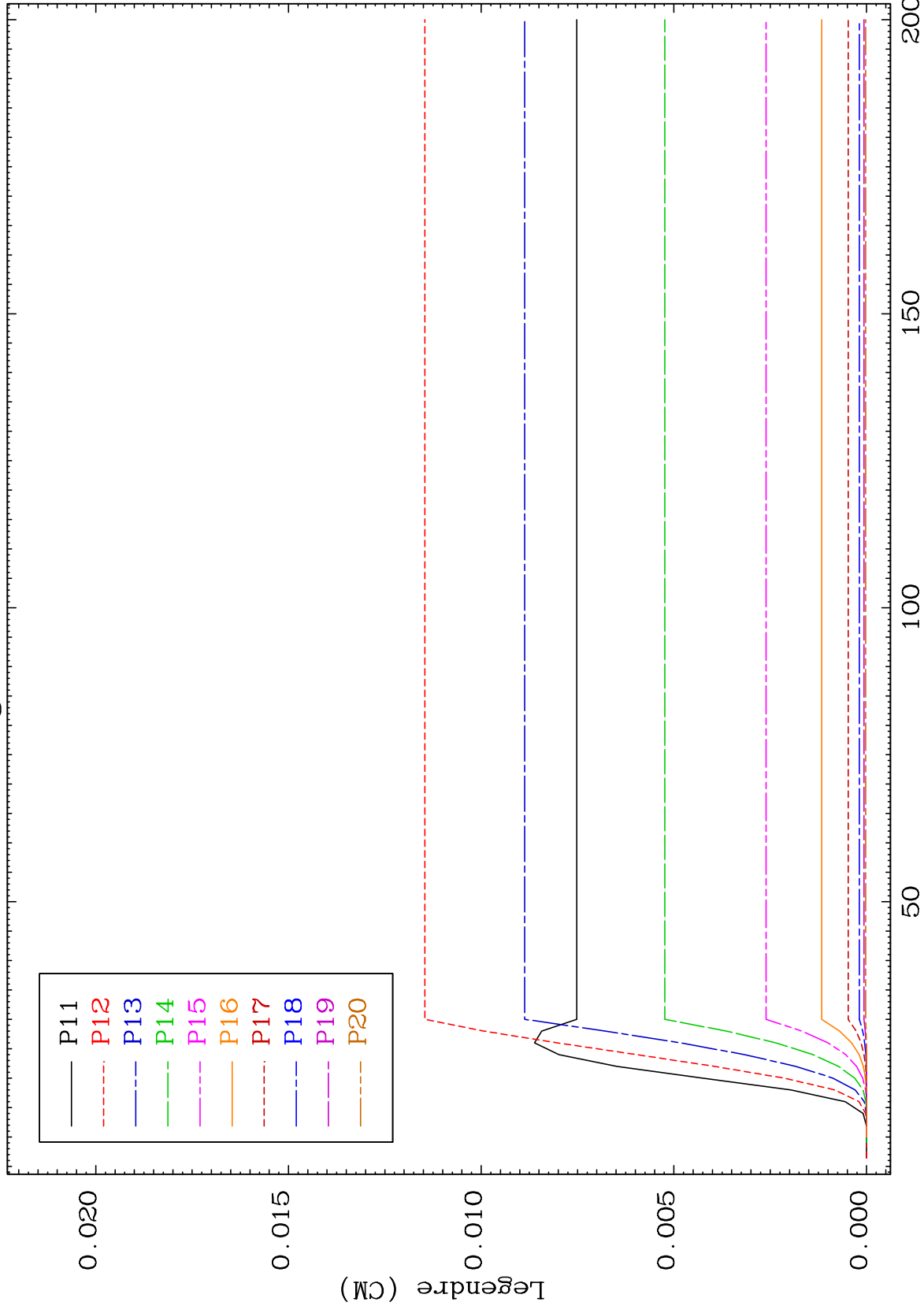
Incident Energy (MeV)

17-Cl-37

MAT 1731

MT= 68 (n,n') Level
Legendre Coefficients

17-Cl-37



71

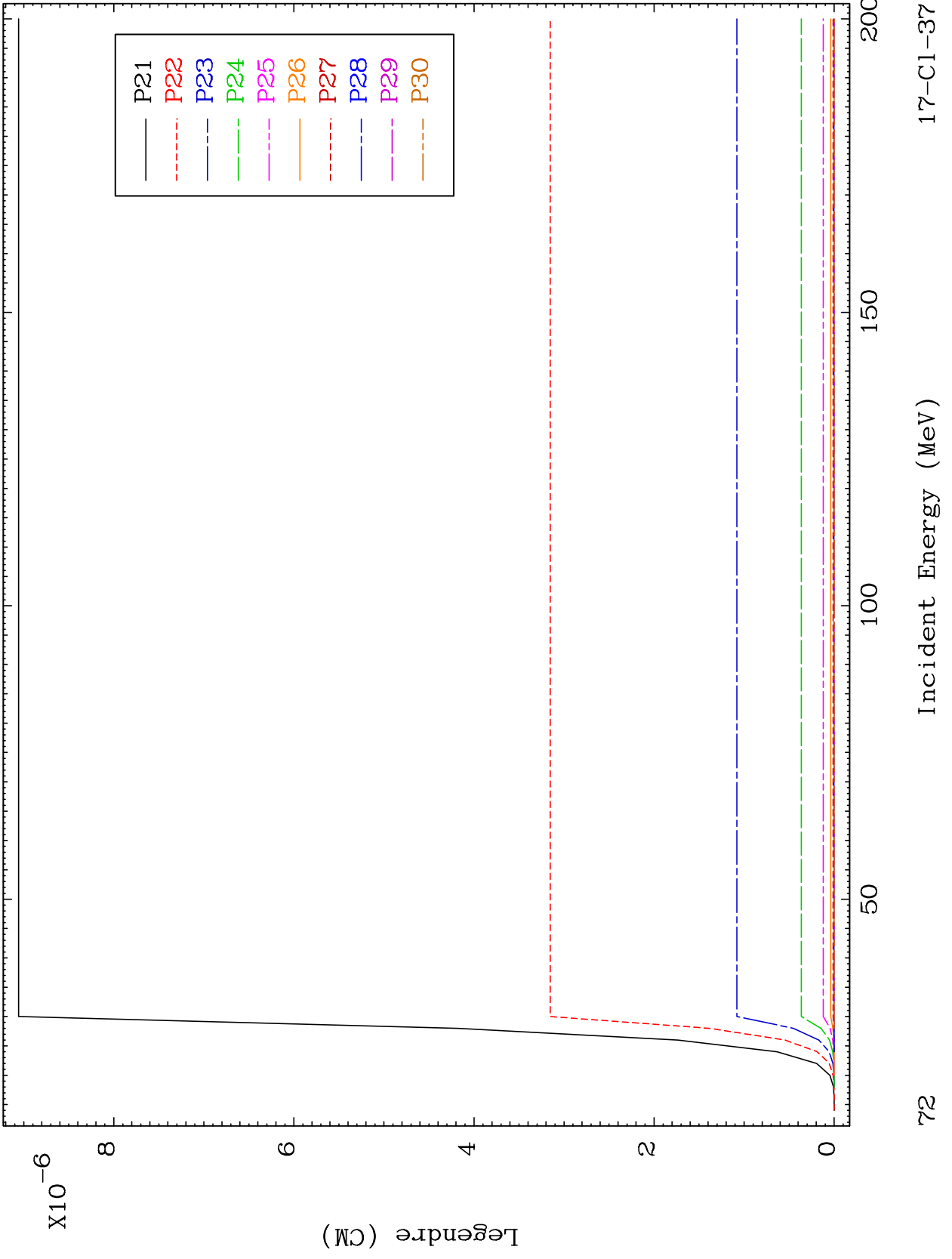
Incident Energy (MeV)

17-Cl-37

MAT 1731

MT= 68 (n,n') Level
Legendre Coefficients

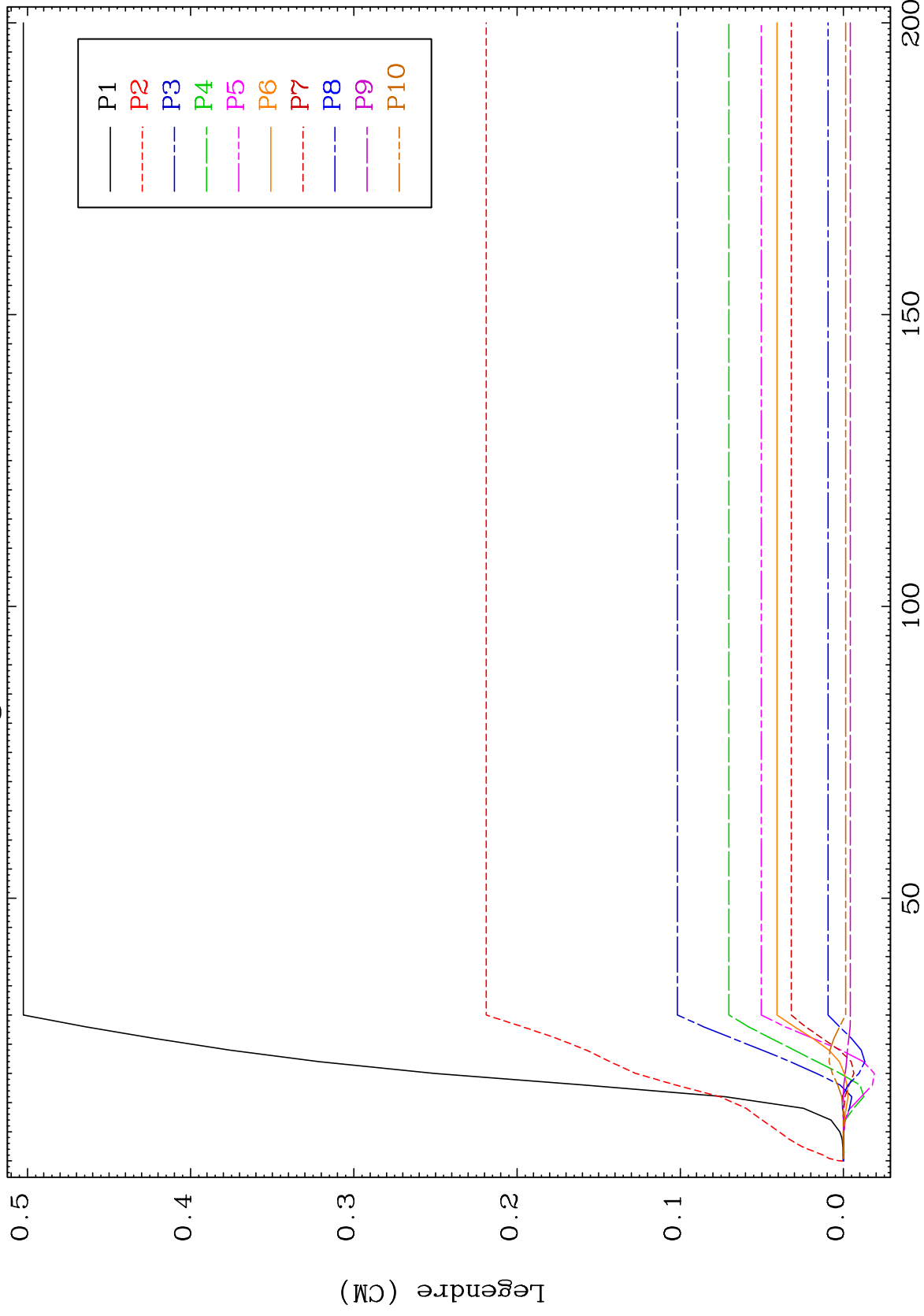
17-Cl-37



MAT 1731

MT= 69 (n,n') Level
Legendre Coefficients

17-Cl-37



73

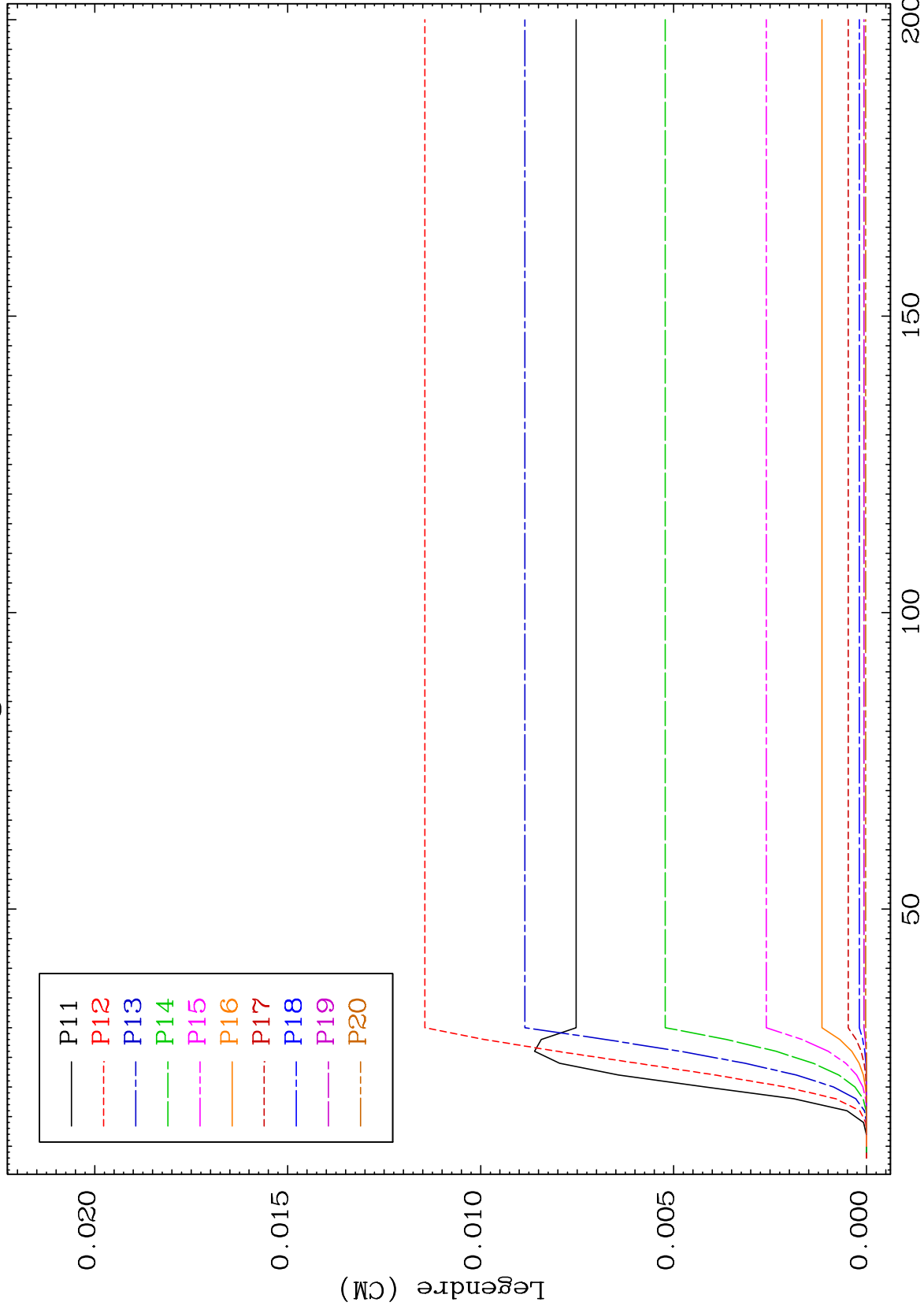
Incident Energy (MeV)

17-Cl-37

MAT 1731

MT= 69 (n,n') Level
Legendre Coefficients

17-Cl-37



74

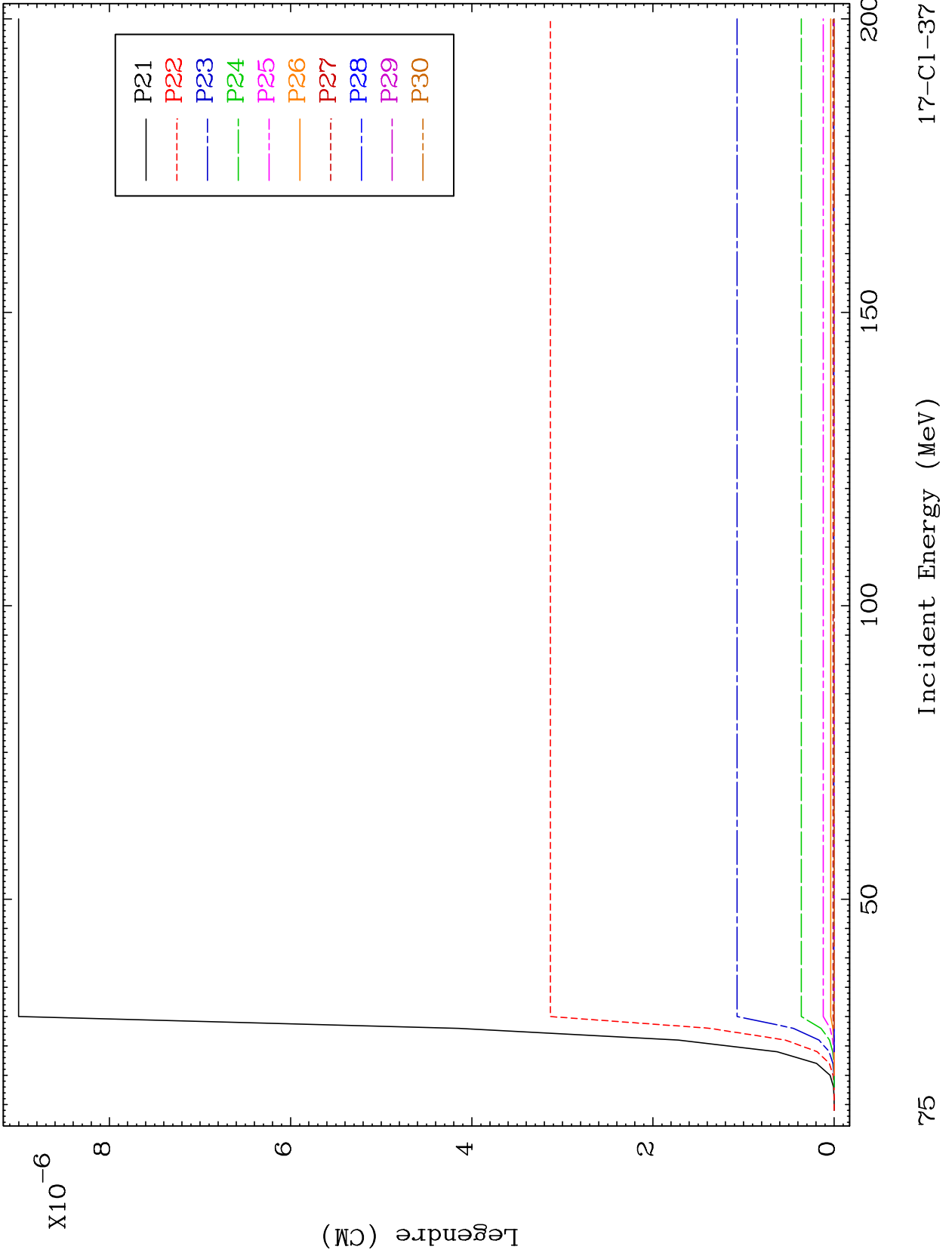
Incident Energy (MeV)

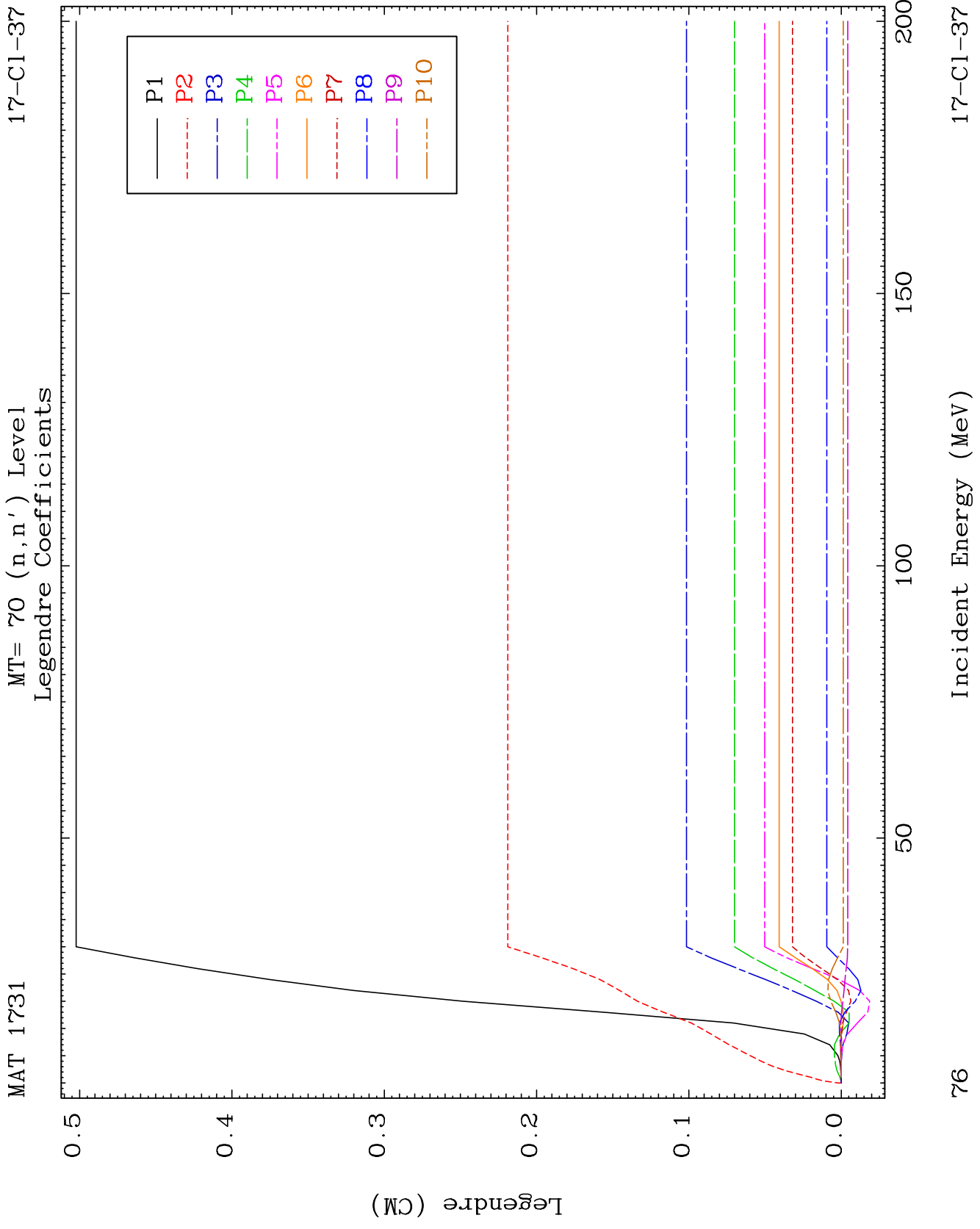
17-Cl-37

MAT 1731

MT= 69 (n,n') Level
Legendre Coefficients

17-Cl-37

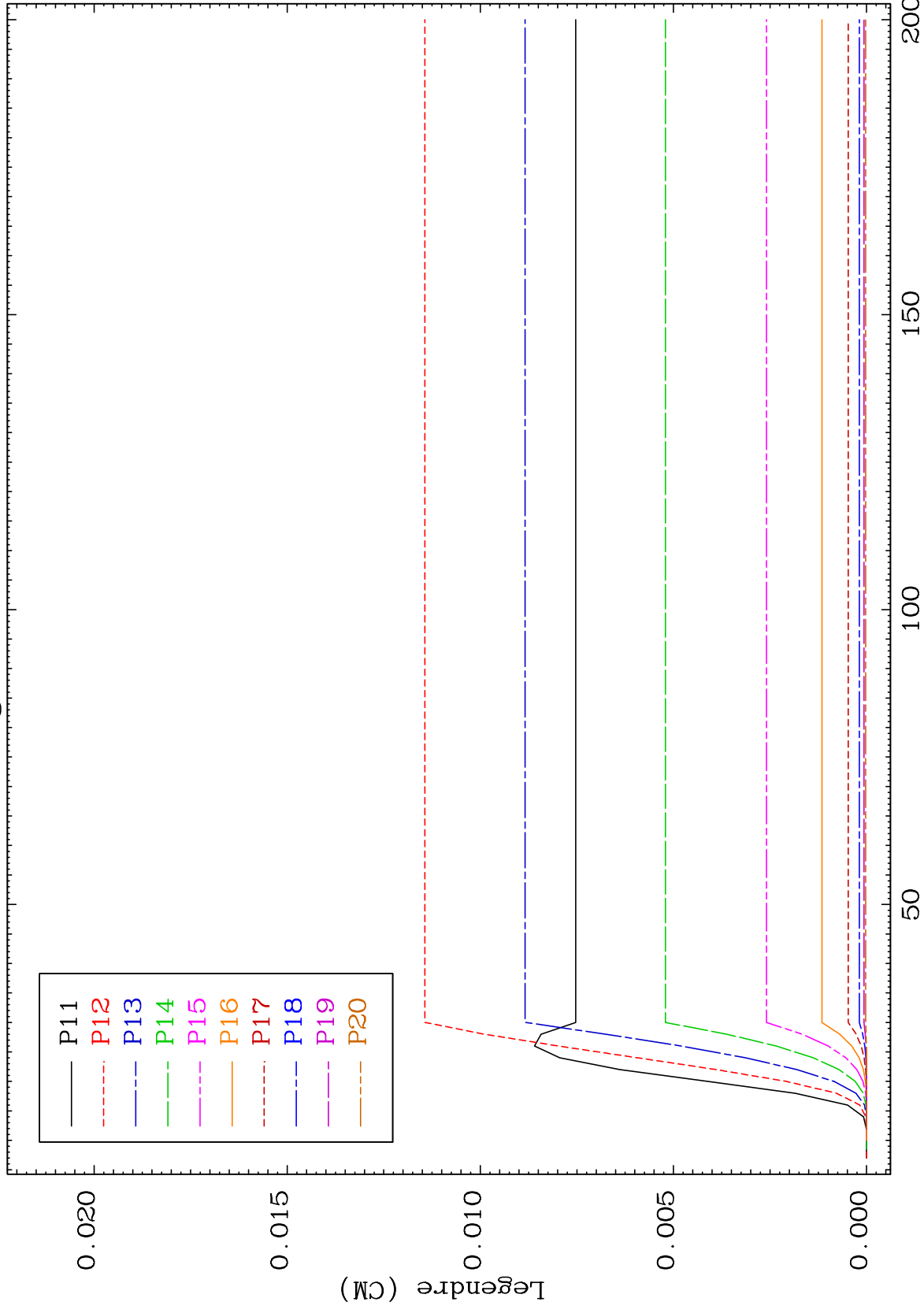




MAT 1731

MT= 70 (n,n') Level
Legendre Coefficients

17-Cl-37



77

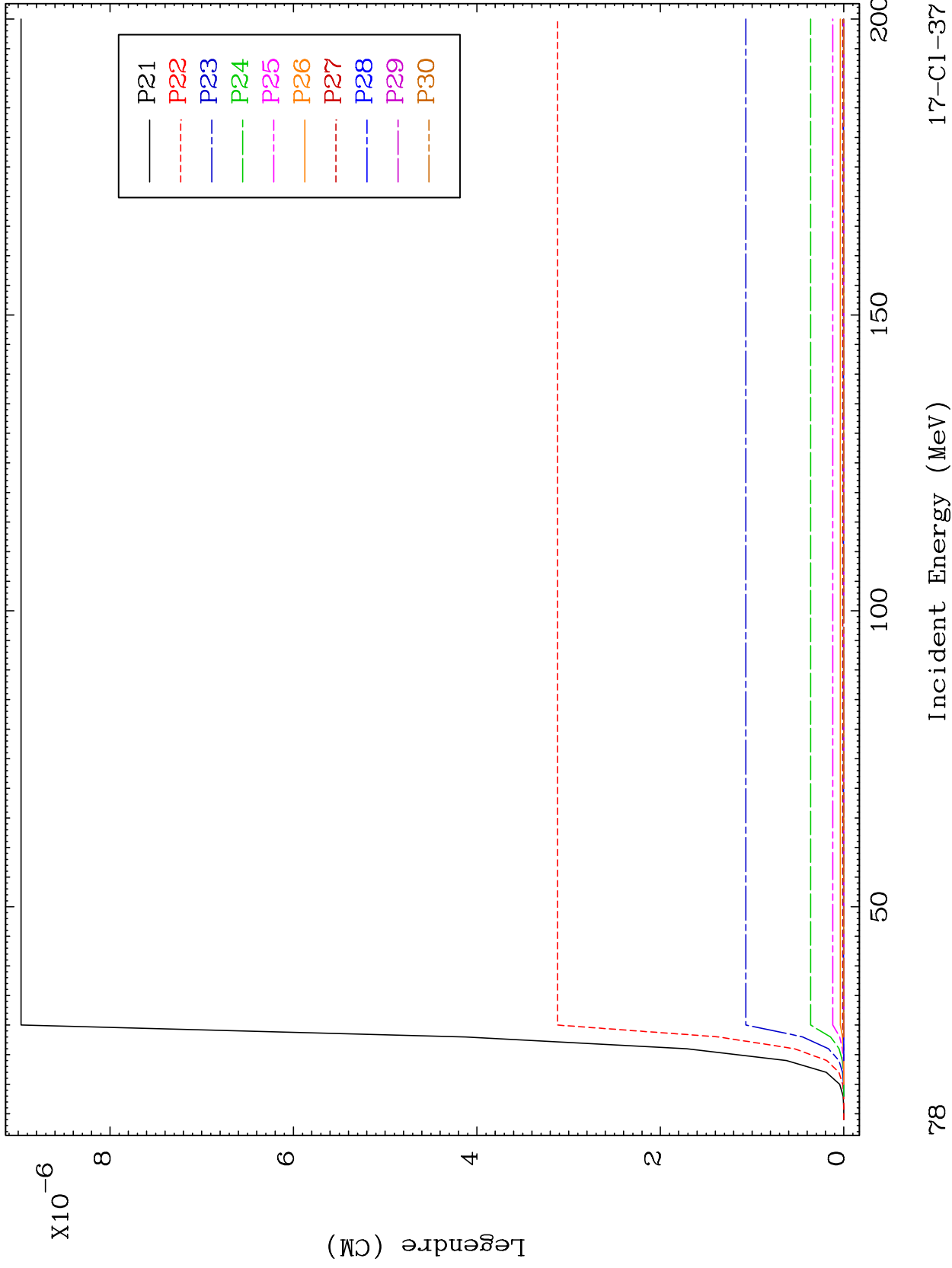
Incident Energy (MeV)

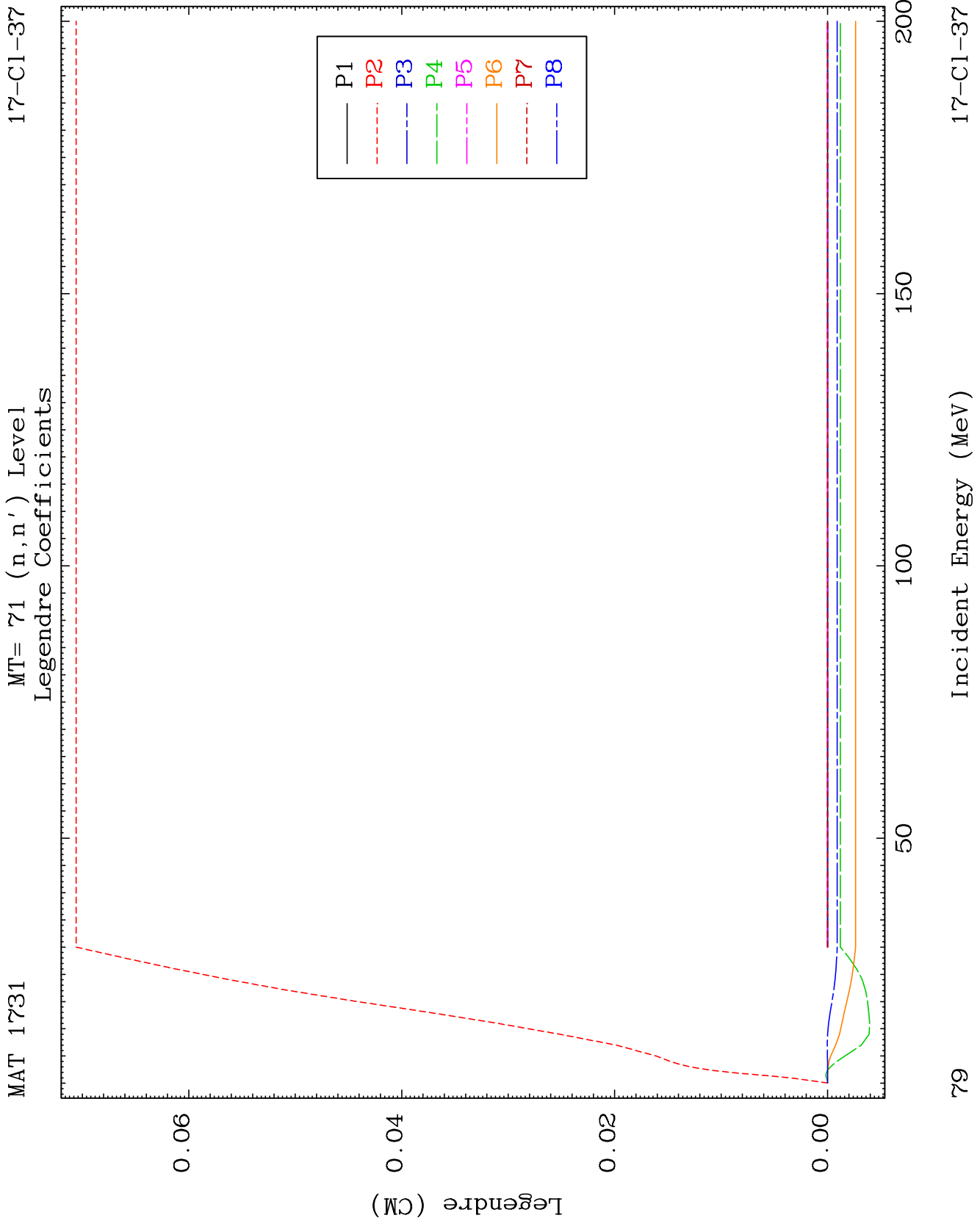
17-Cl-37

MAT 1731

MT= 70 (n,n') Level
Legendre Coefficients

17-Cl-37

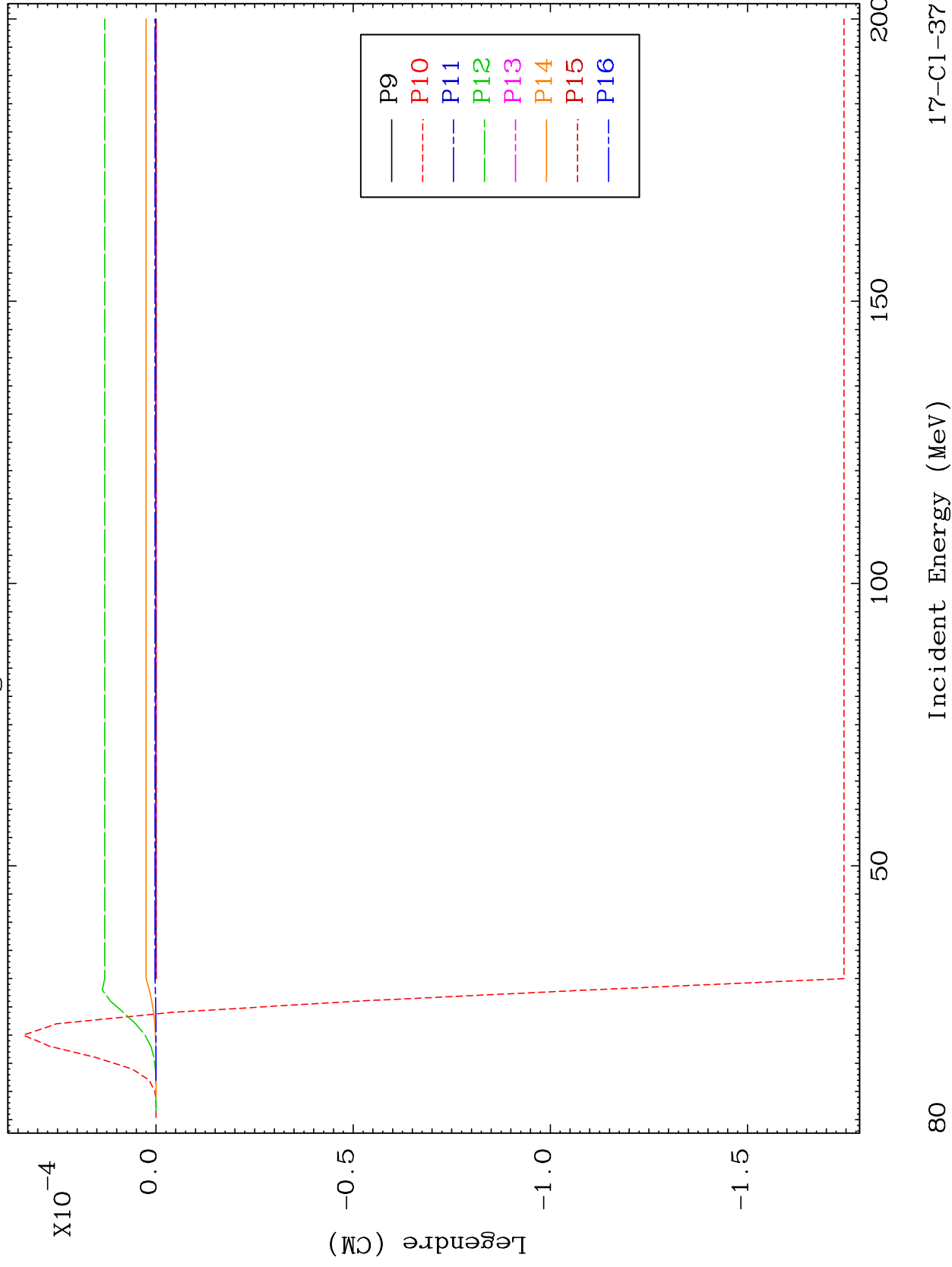


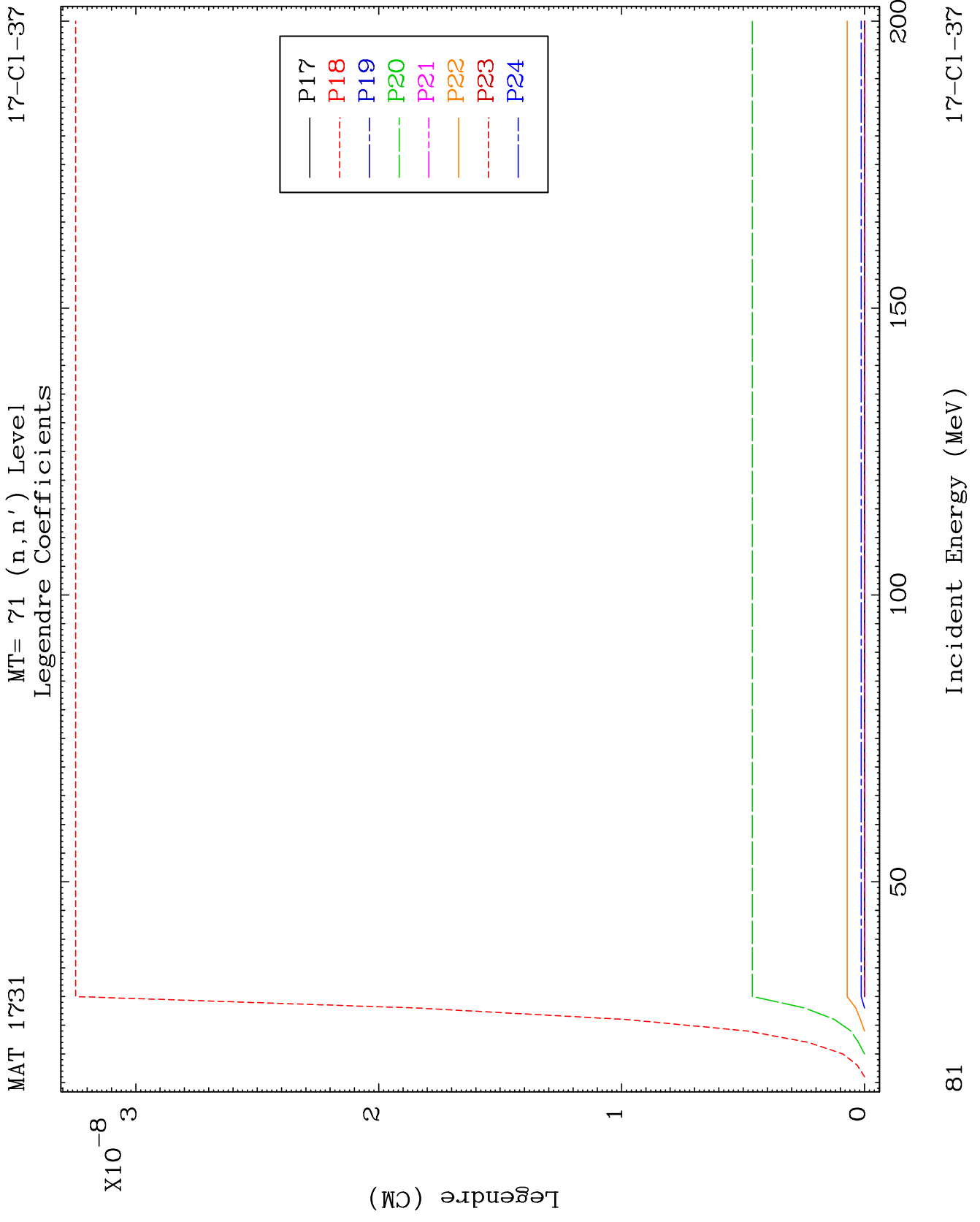


MAT 1731

17-Cl-37

MT= 71 (n,n') Level
Legendre Coefficients

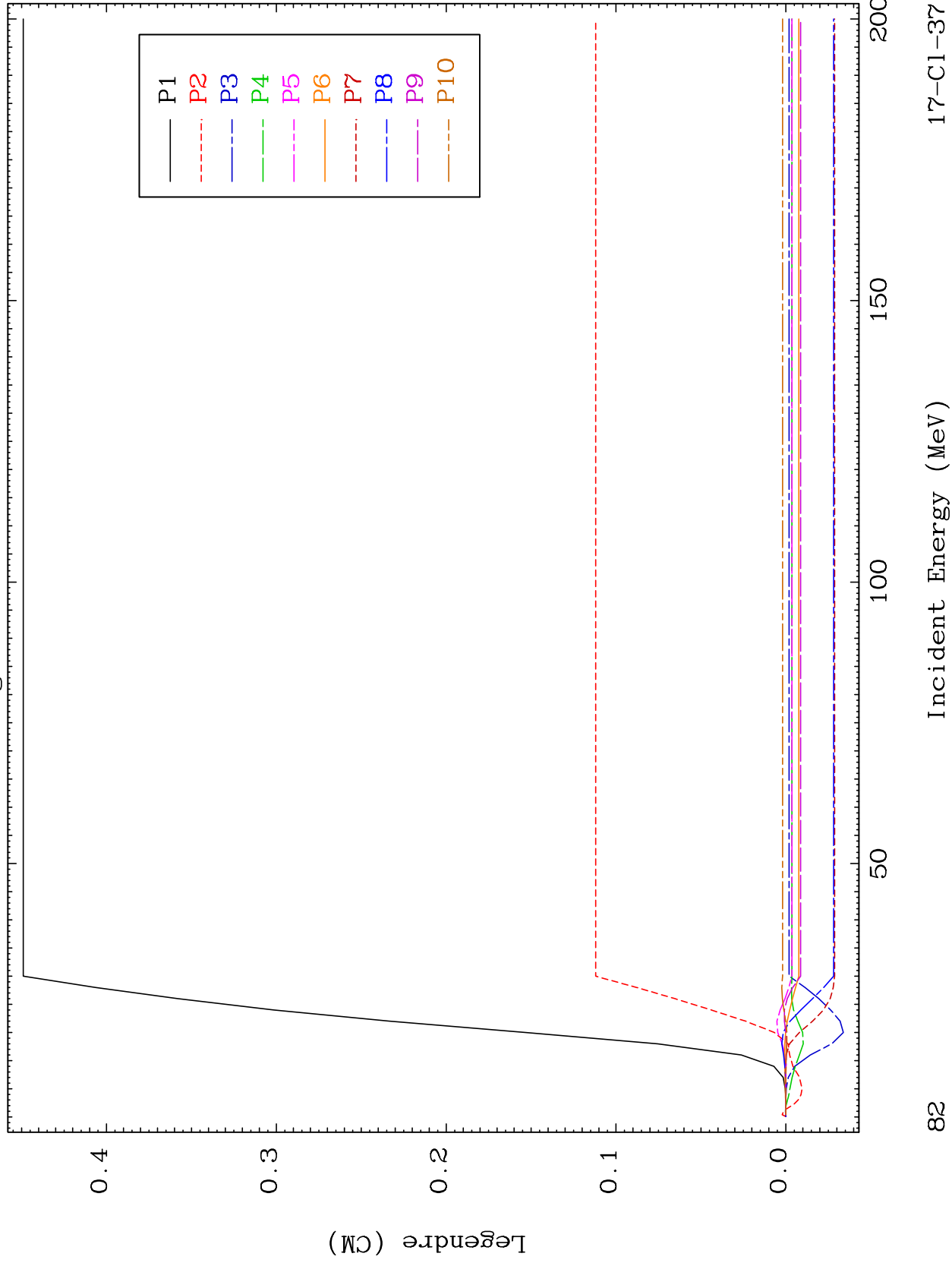




MAT 1731

MT= 72 (n,n') Level
Legendre Coefficients

17-Cl-37



82

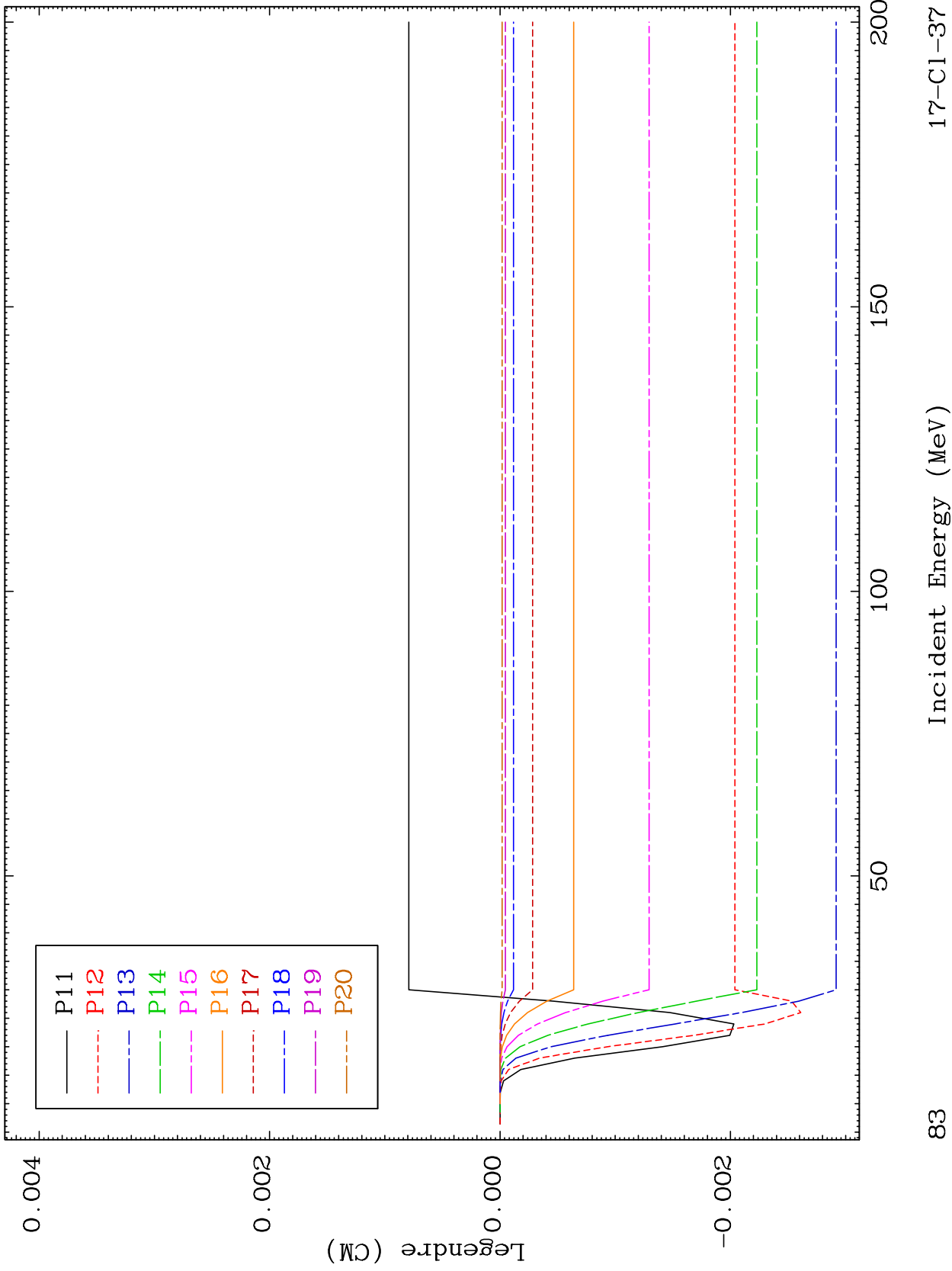
Incident Energy (MeV)

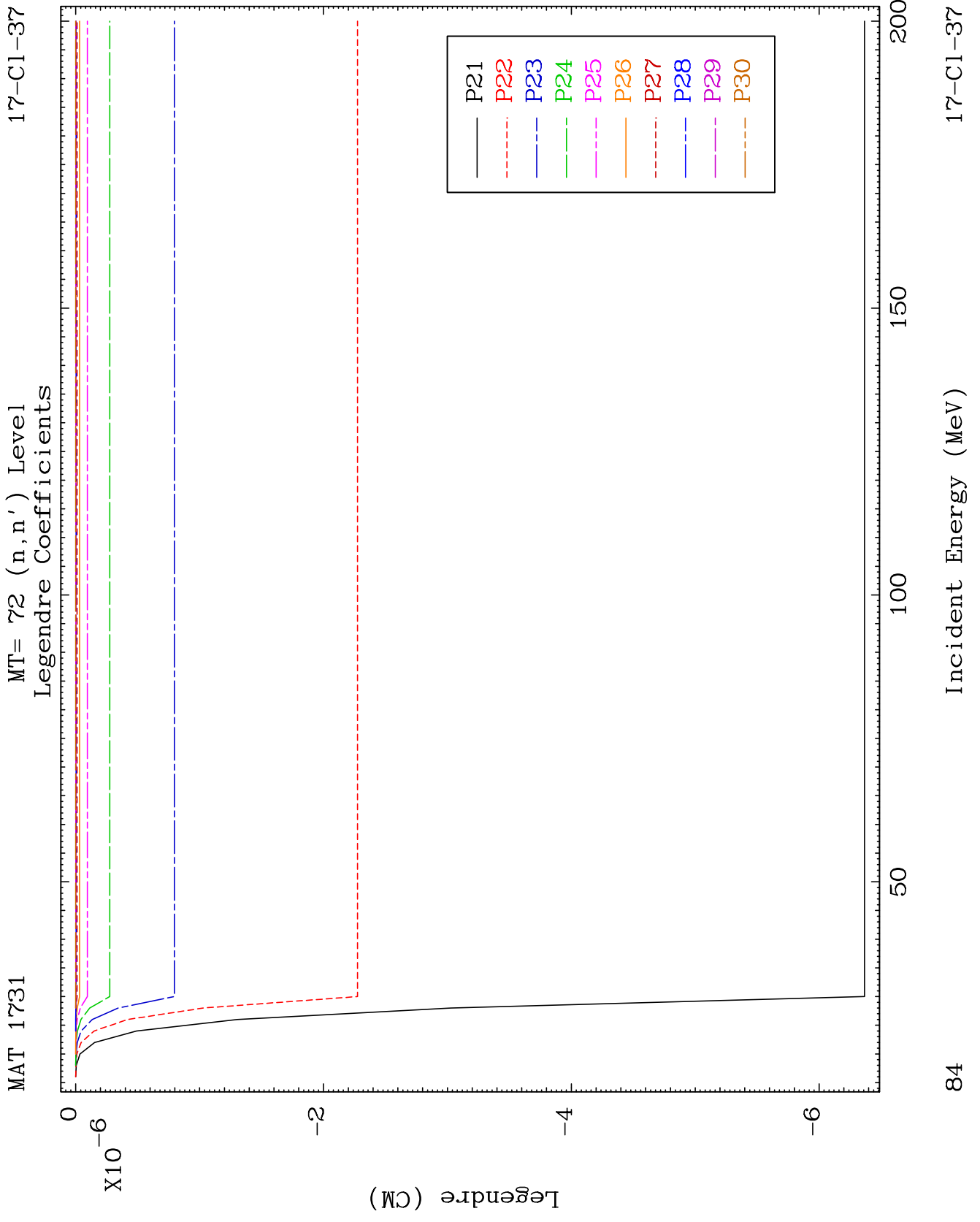
17-Cl-37

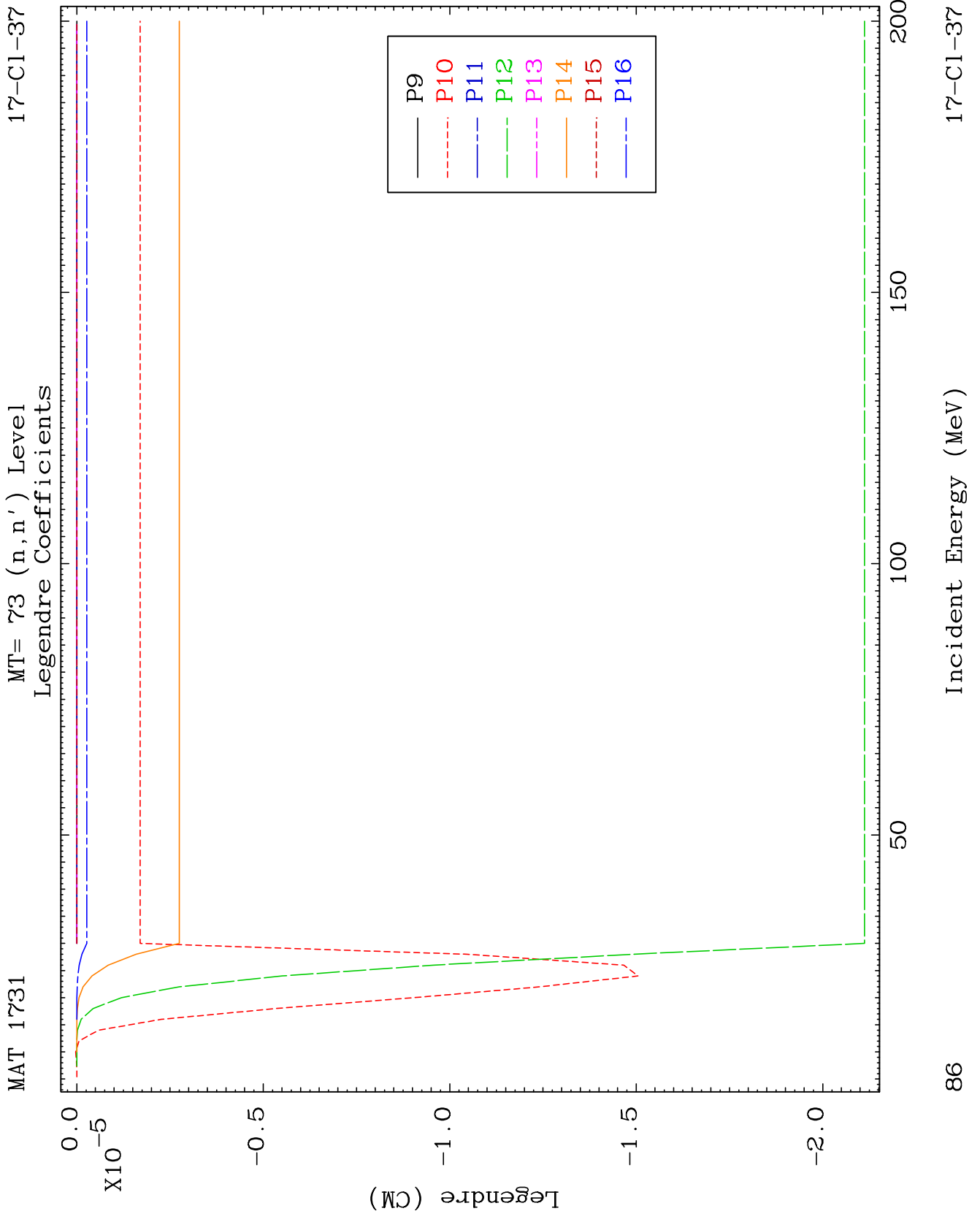
MAT 1731

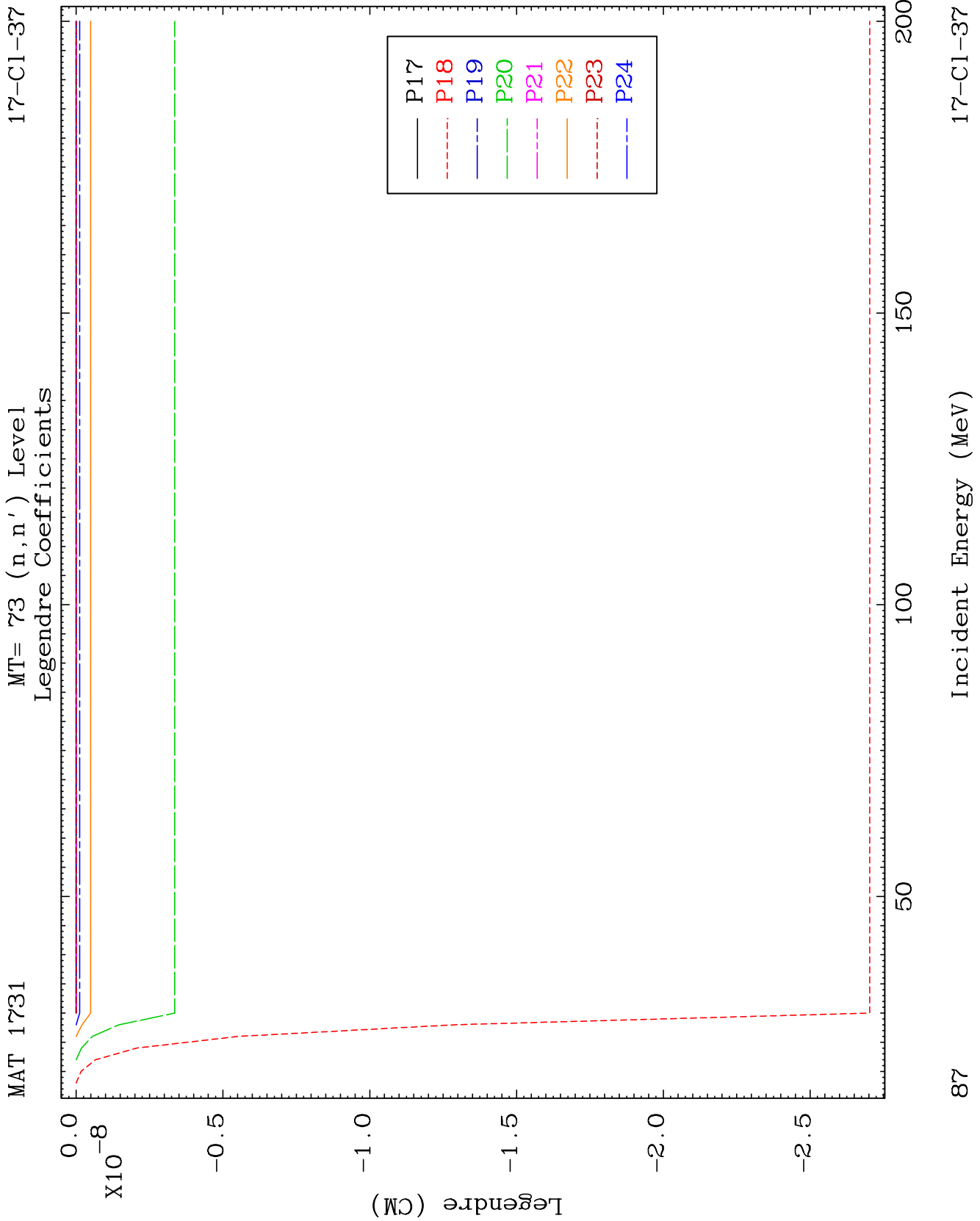
MT= 72 (n,n') Level
Legendre Coefficients

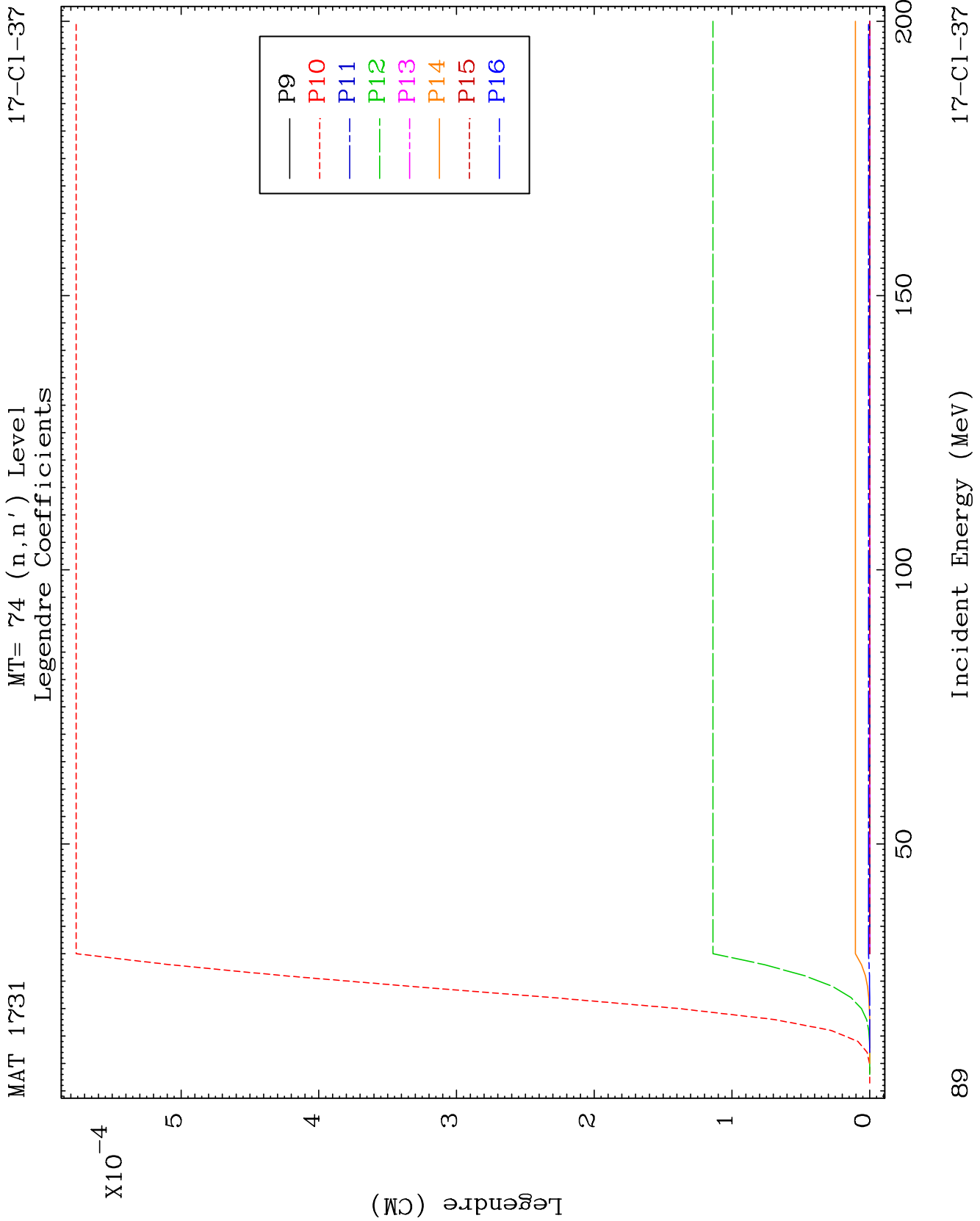
17-Cl-37

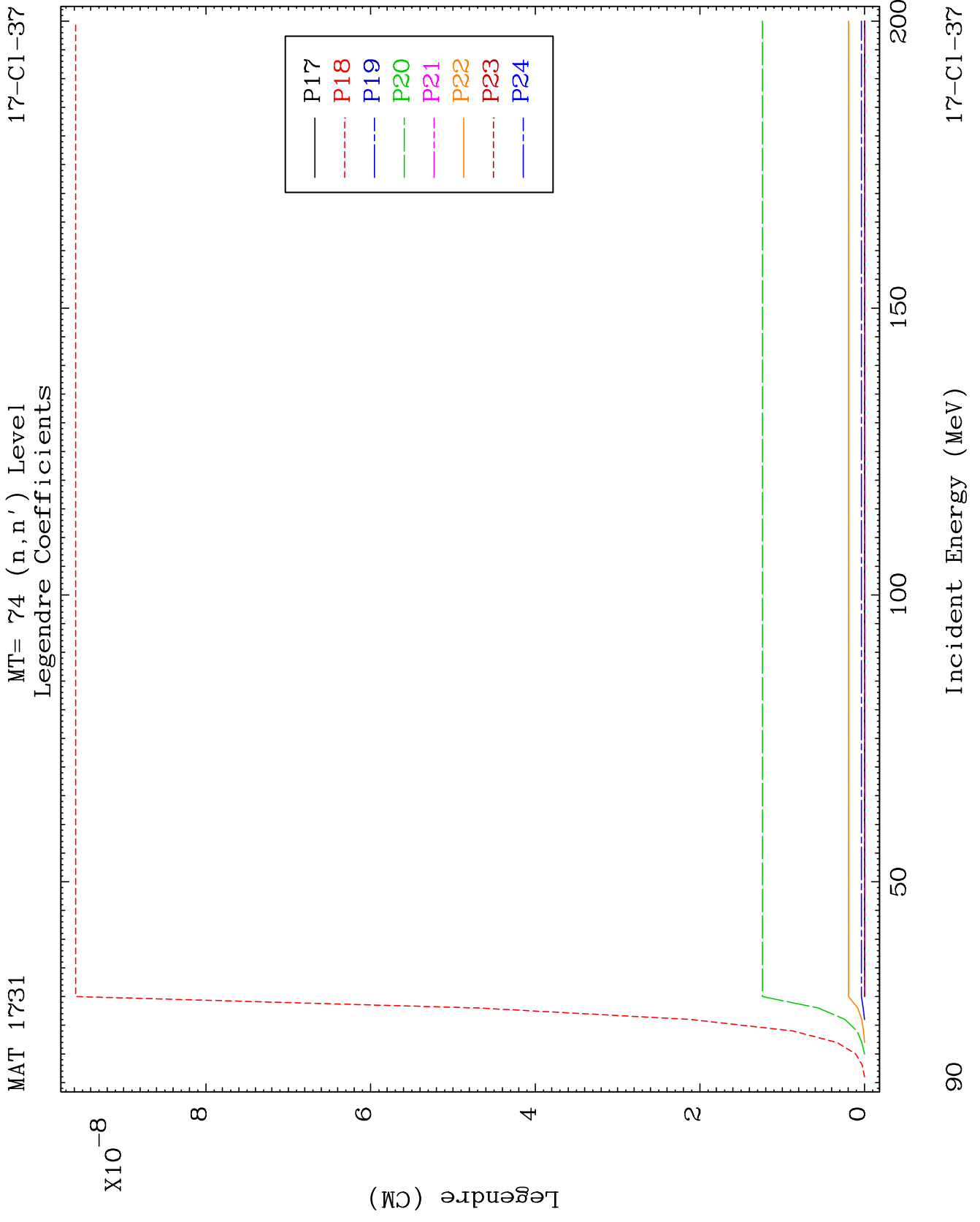








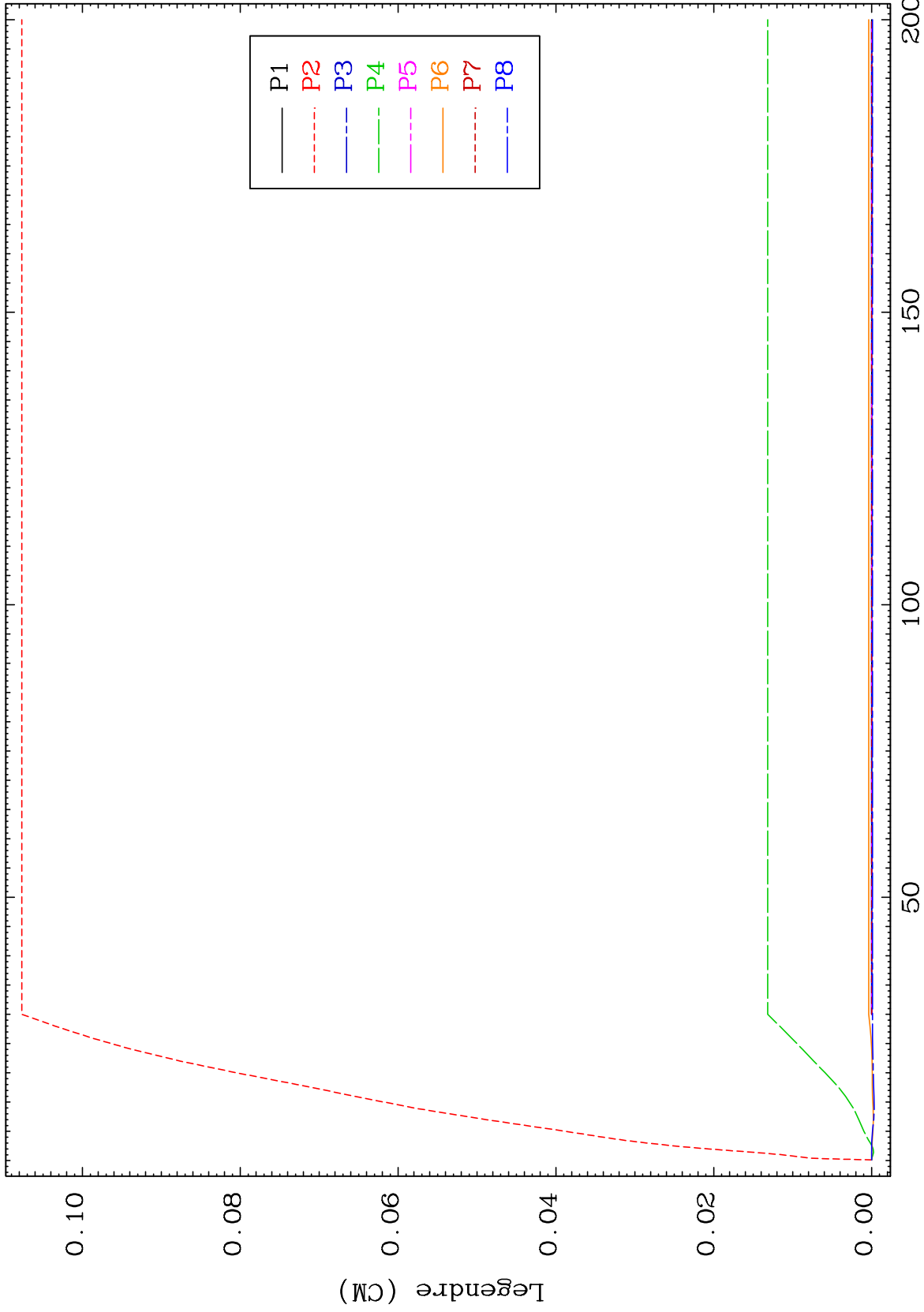




MAT 1731

MT= 75 (n,n') Level
Legendre Coefficients

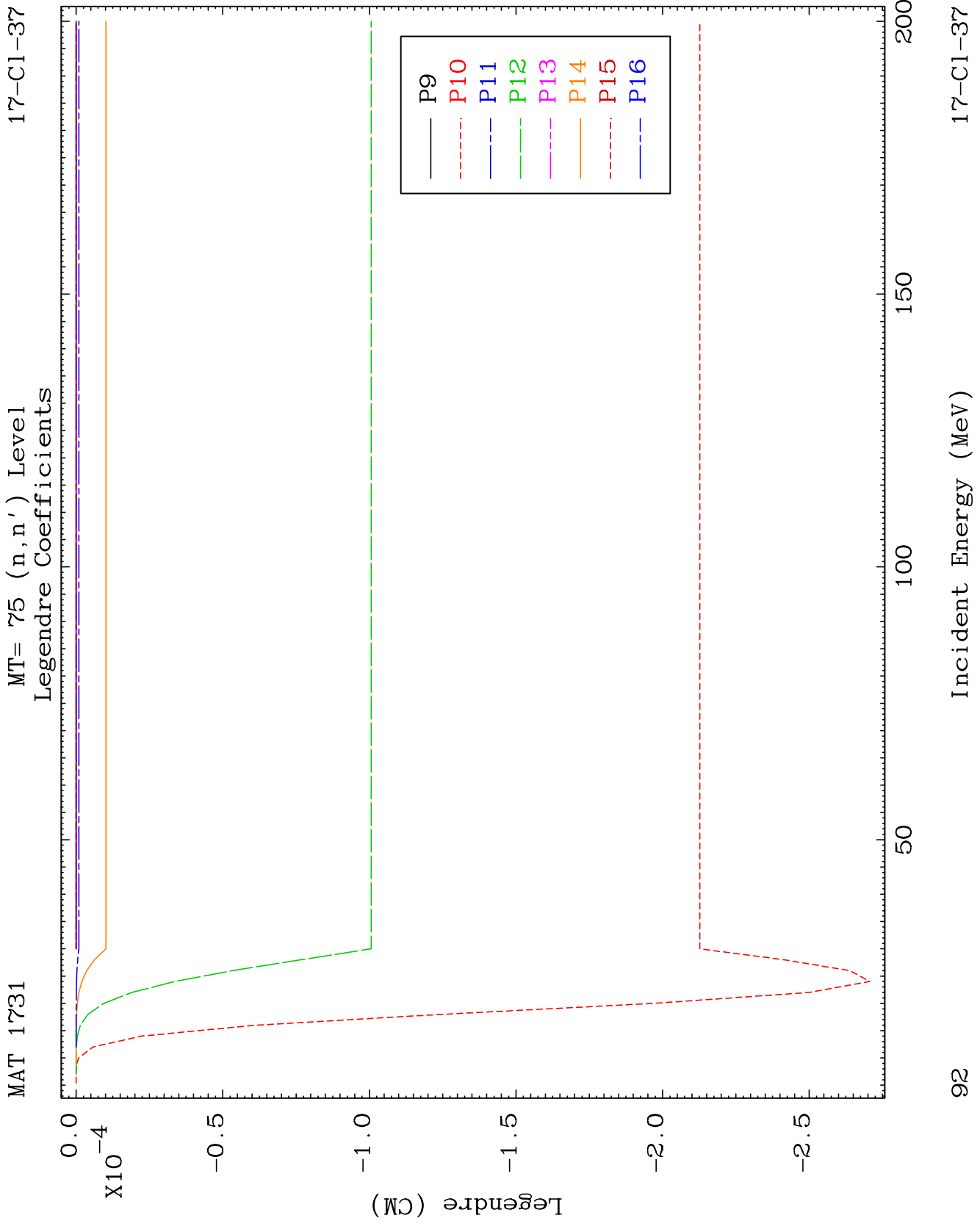
17-Cl-37

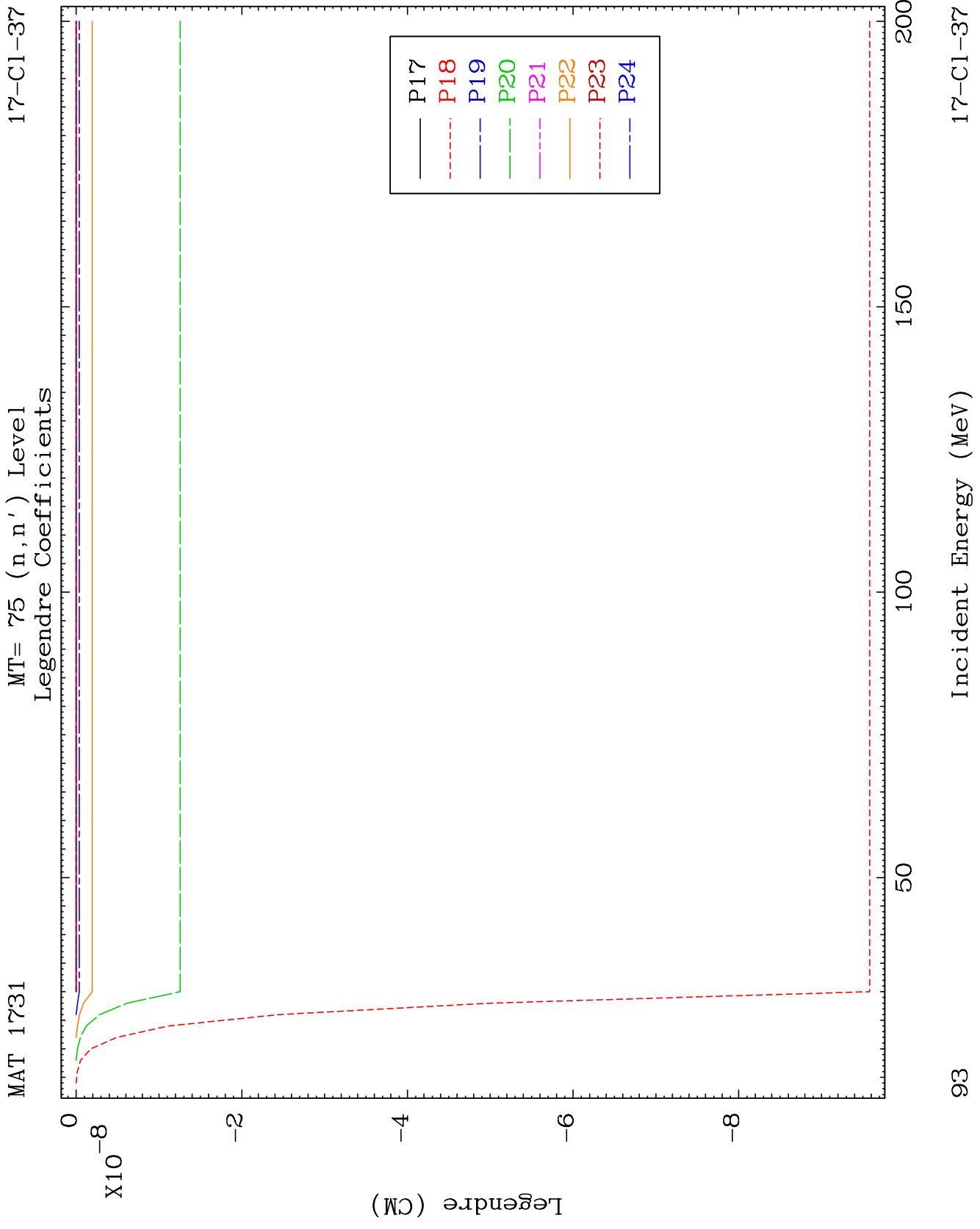


91

Incident Energy (MeV)

17-Cl-37

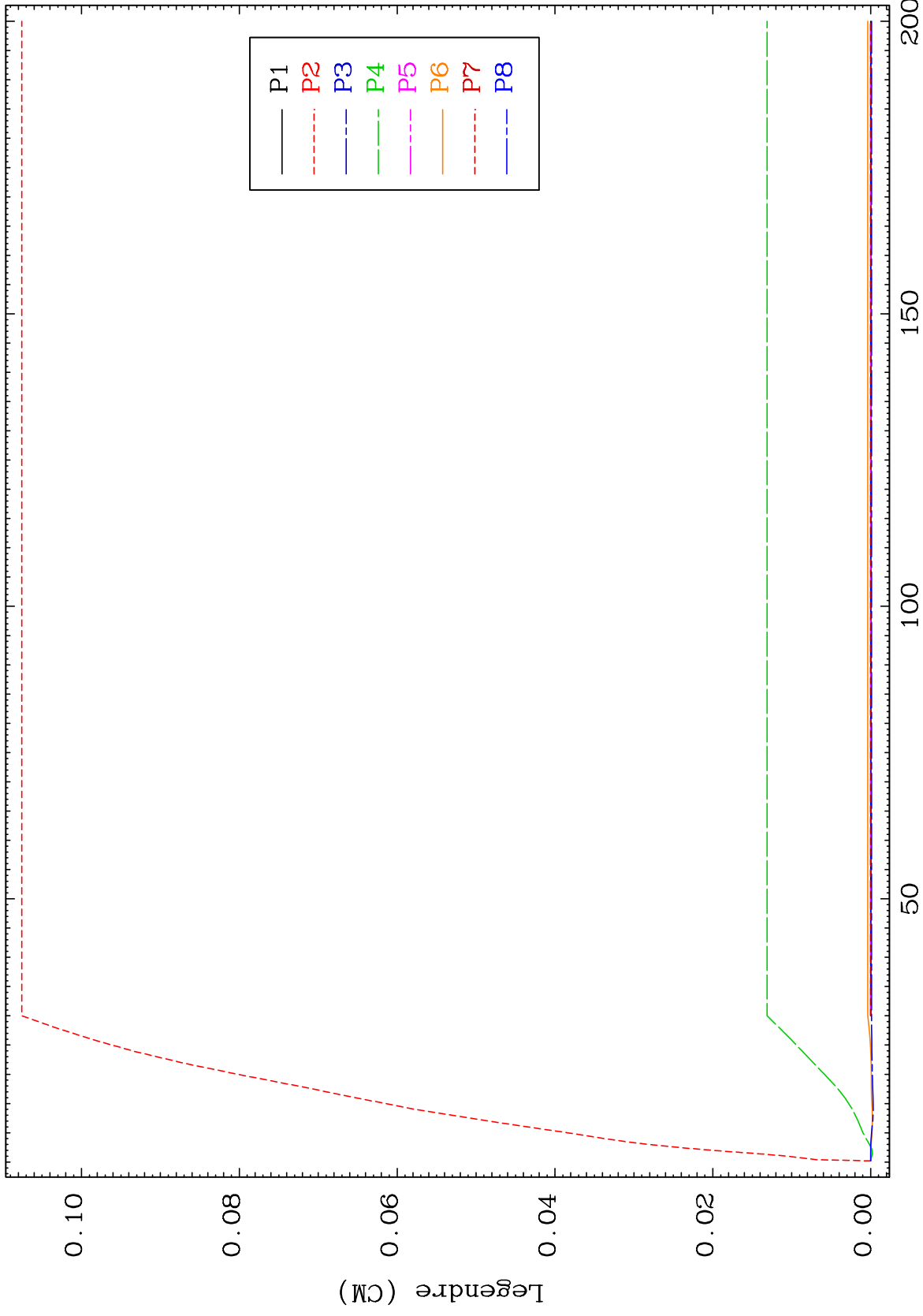




MAT 1731

MT= 77 (n,n') Level
Legendre Coefficients

17-Cl-37



94

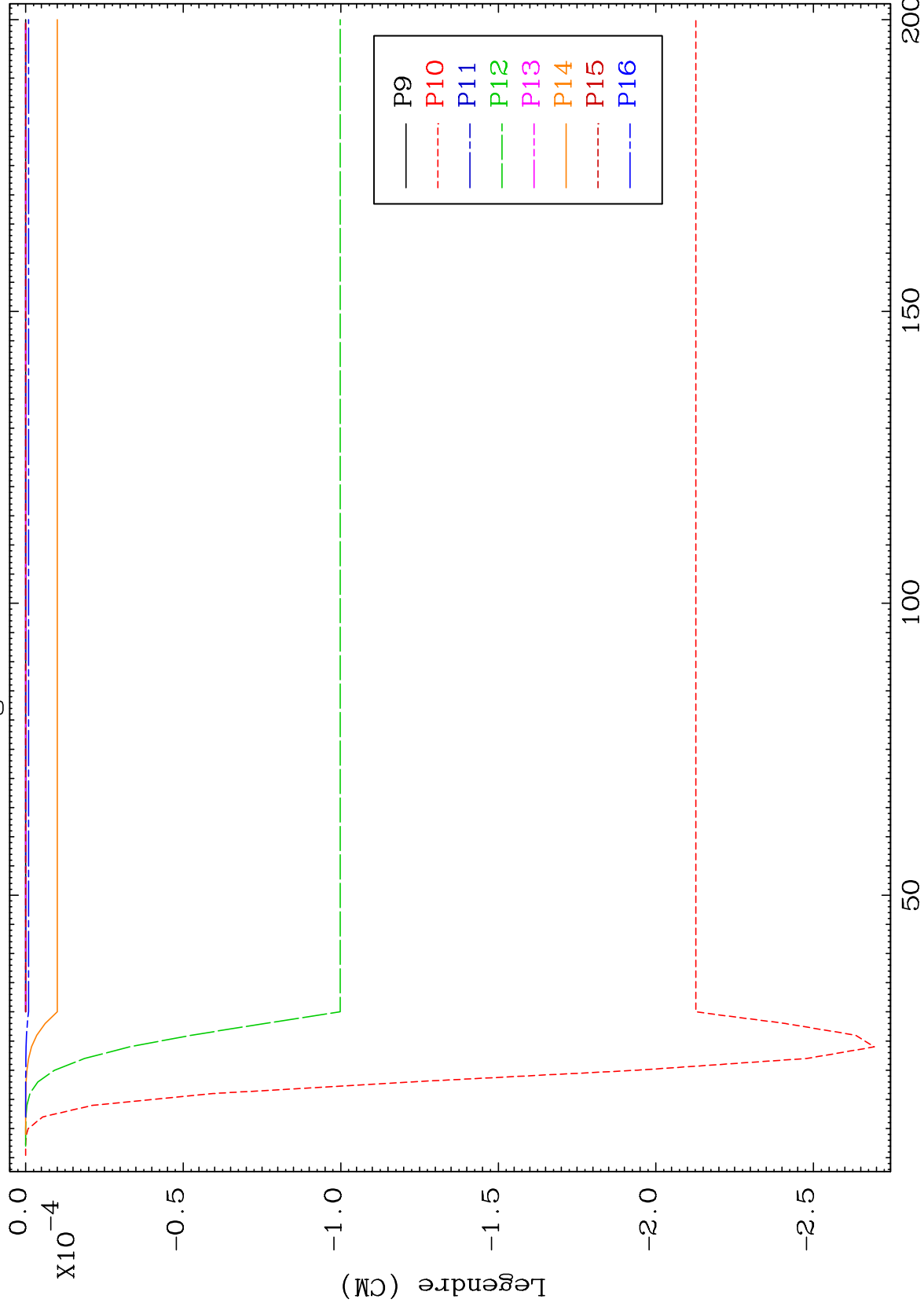
Incident Energy (MeV)

17-Cl-37

MAT 1731

17-Cl-37

MT= 77 (n,n') Level
Legendre Coefficients



95

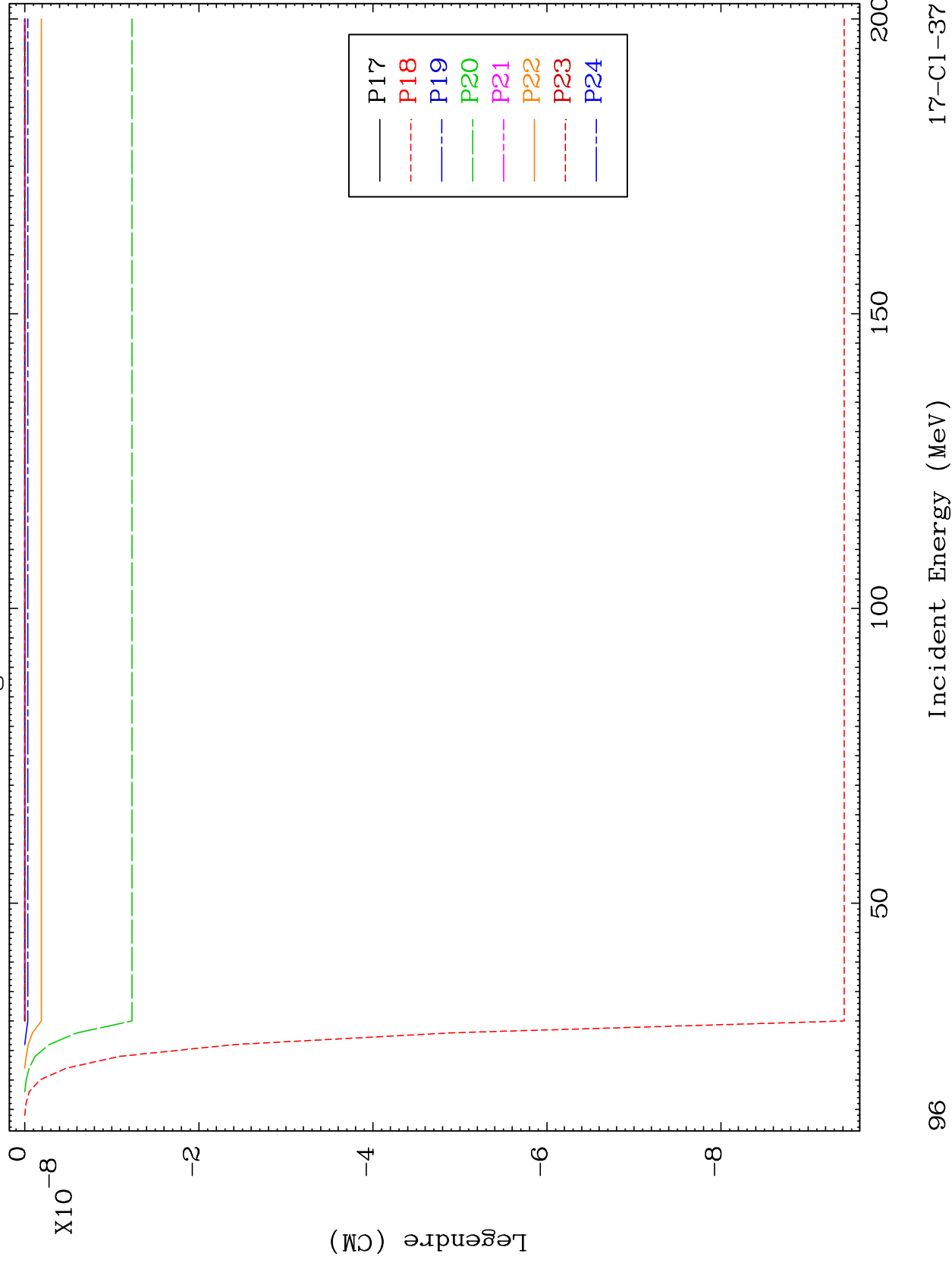
Incident Energy (MeV)

17-Cl-37

MAT 1731

17-Cl-37

MT= 77 (n,n') Level
Legendre Coefficients



96

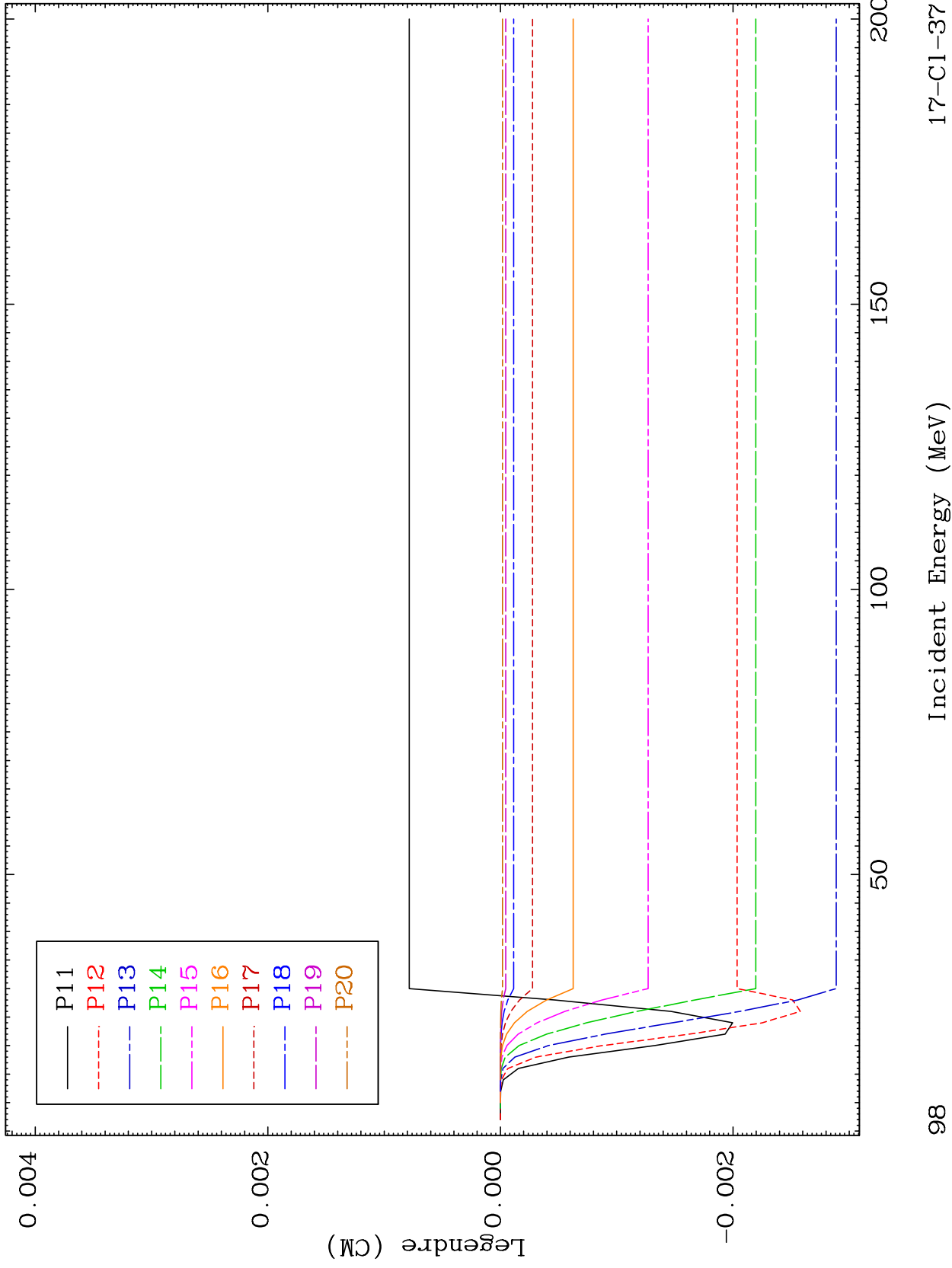
Incident Energy (MeV)

17-Cl-37

MAT 1731

MT= 78 (n,n') Level
Legendre Coefficients

17-Cl-37

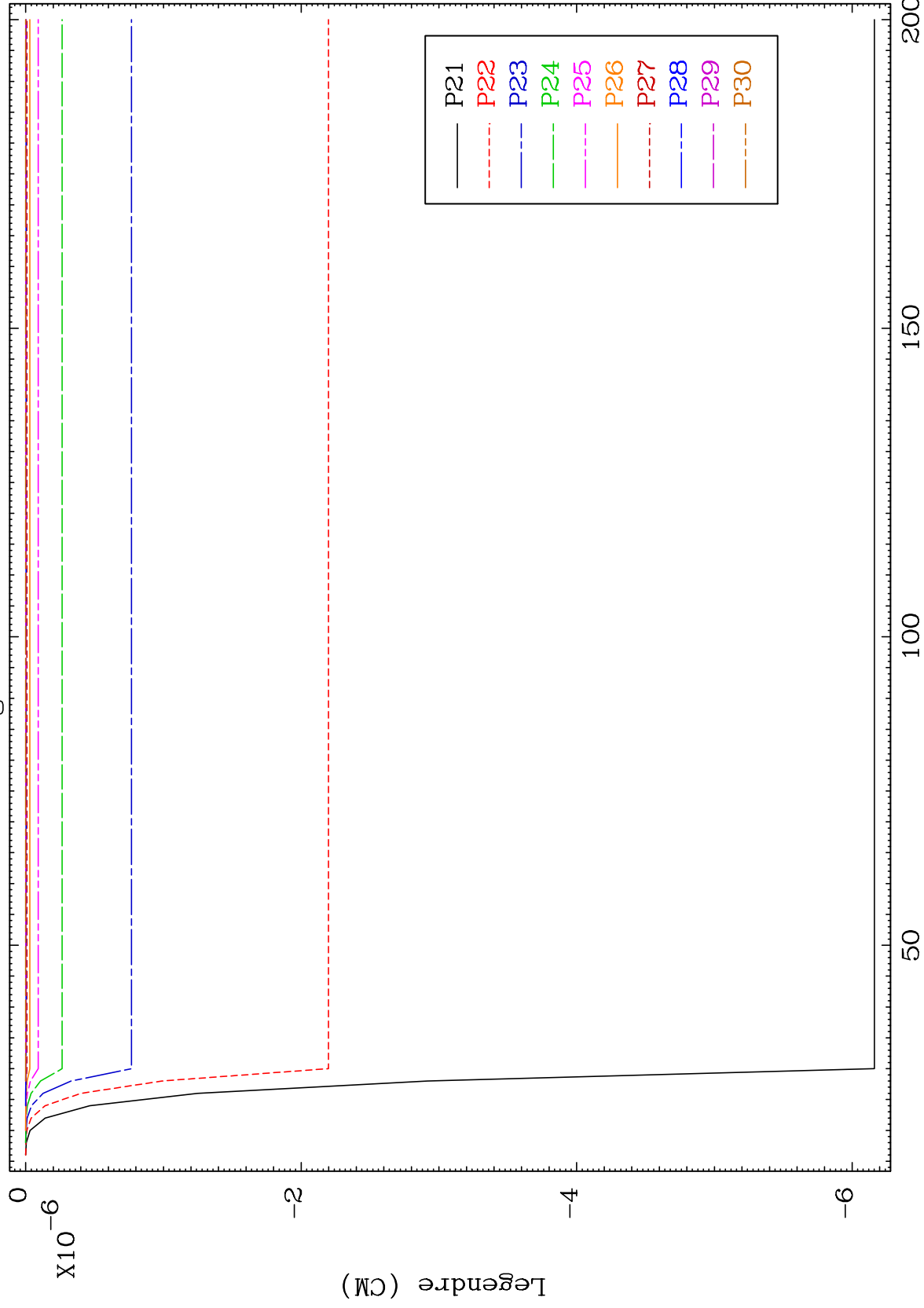


MAT 1731

MT= 78 (n,n') Level

17-Cl-37

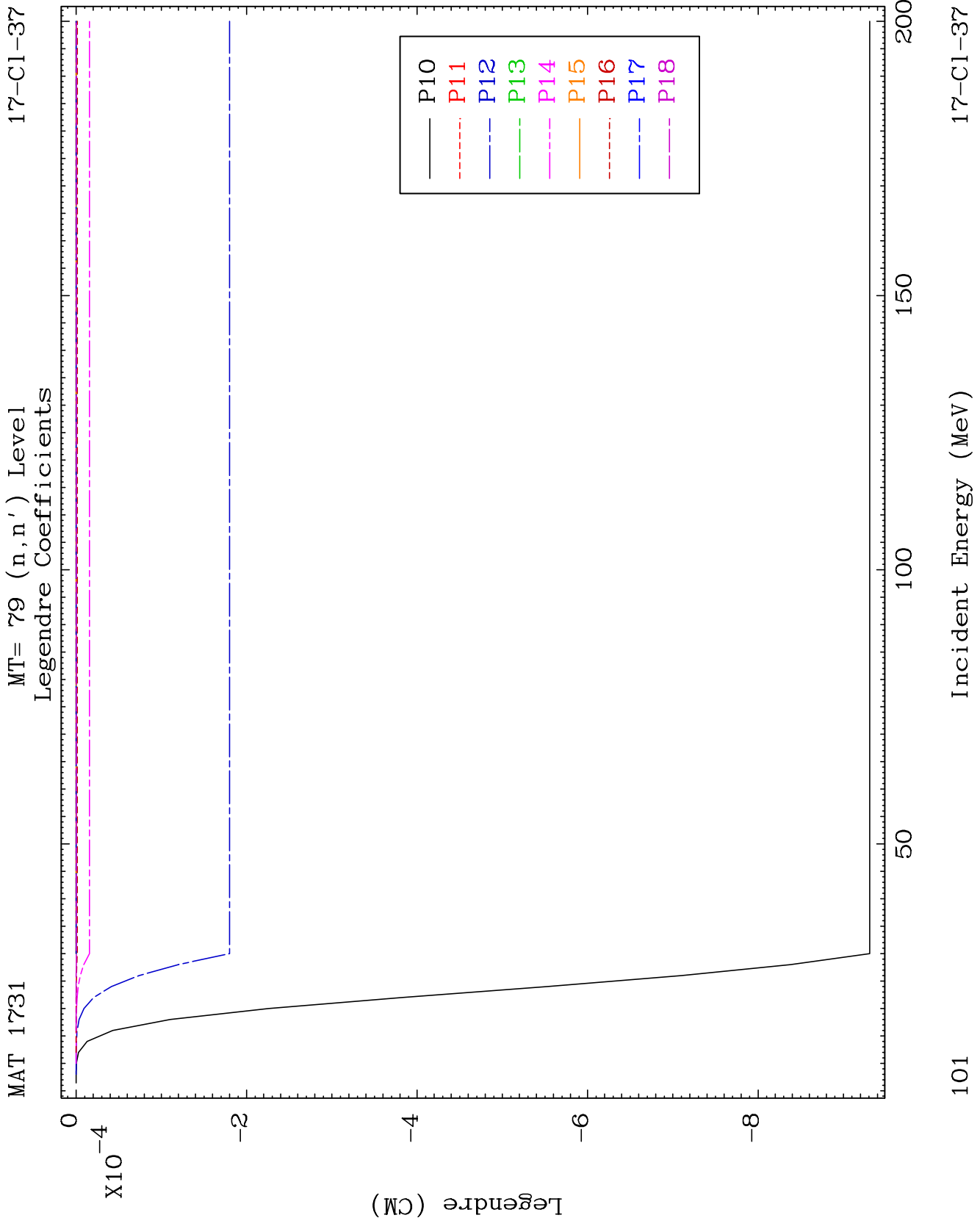
Legendre Coefficients

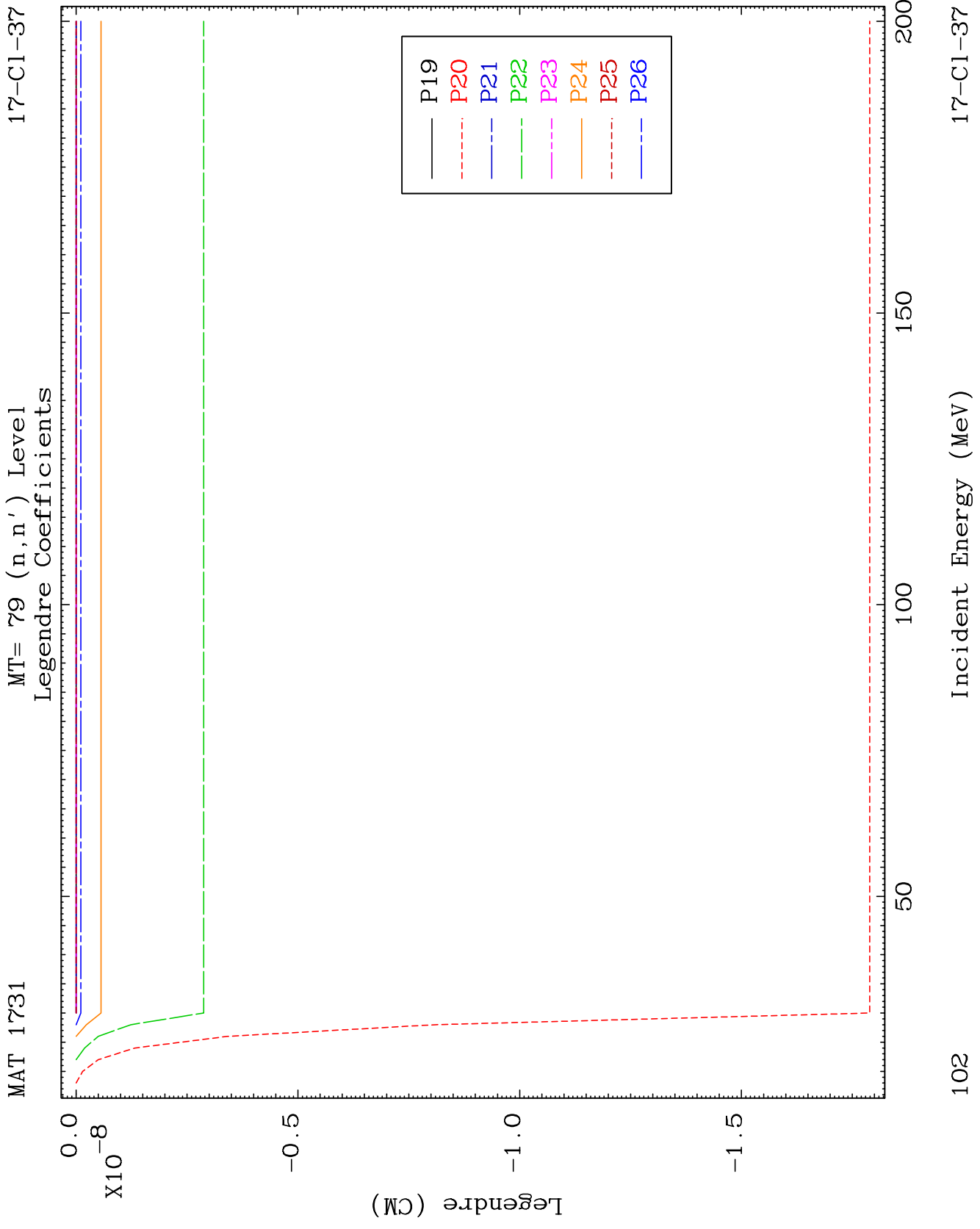


99

Incident Energy (MeV)

17-Cl-37

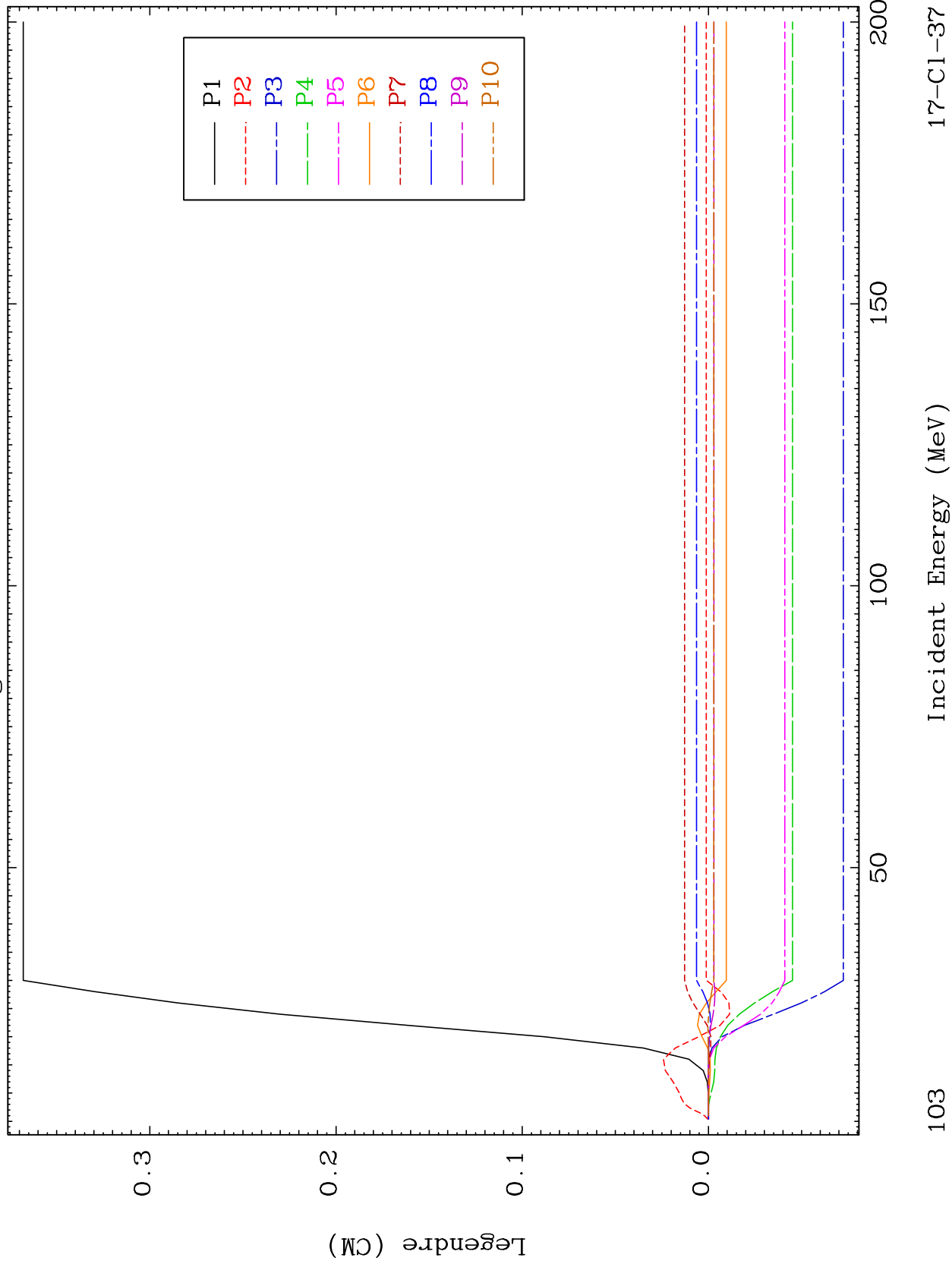




MAT 1731

MT= 80 (n,n') Level
Legendre Coefficients

17-Cl-37



103

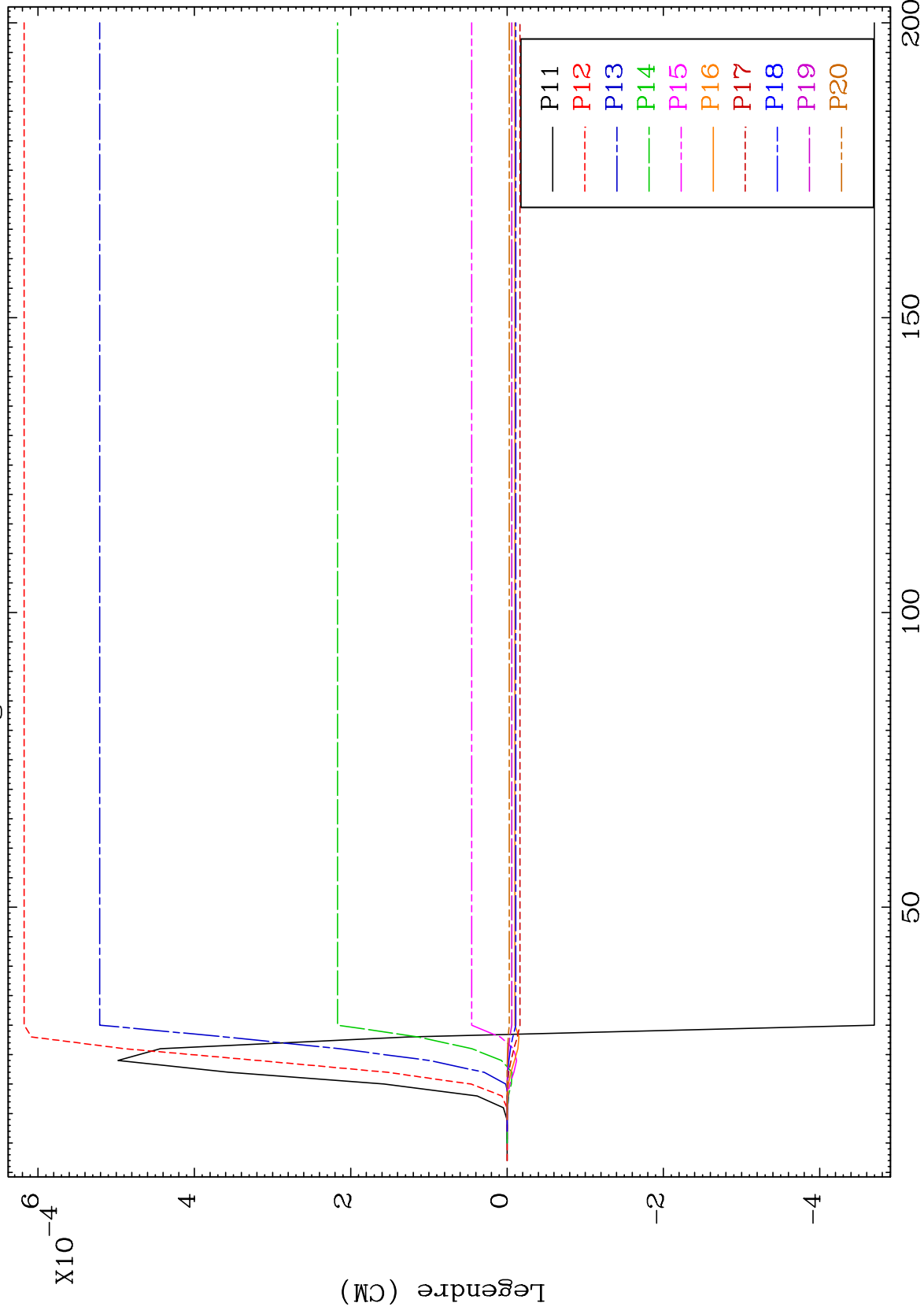
Incident Energy (MeV)

17-Cl-37

MAT 1731

MT= 80 (n,n') Level
Legendre Coefficients

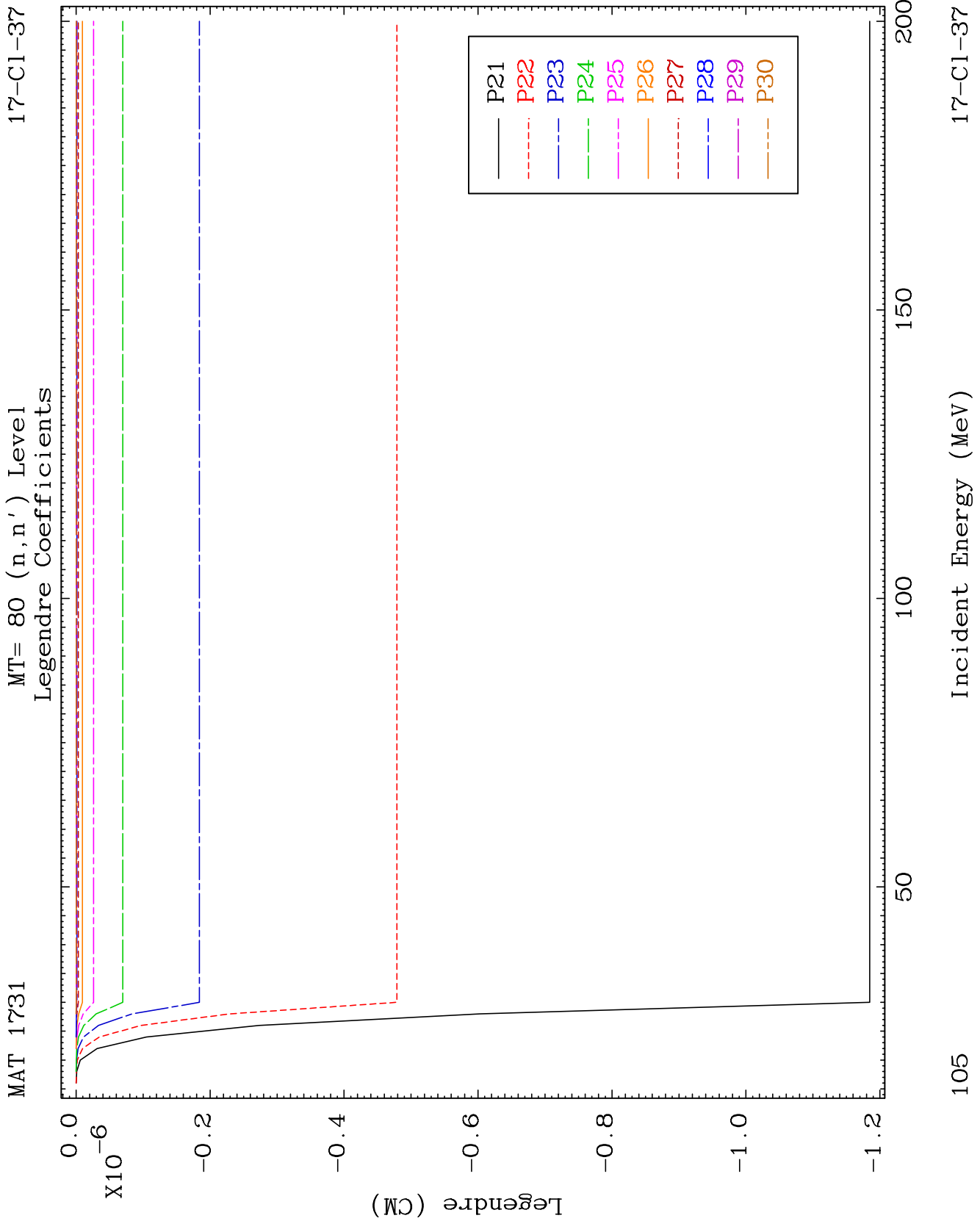
17-Cl-37



104

Incident Energy (MeV)

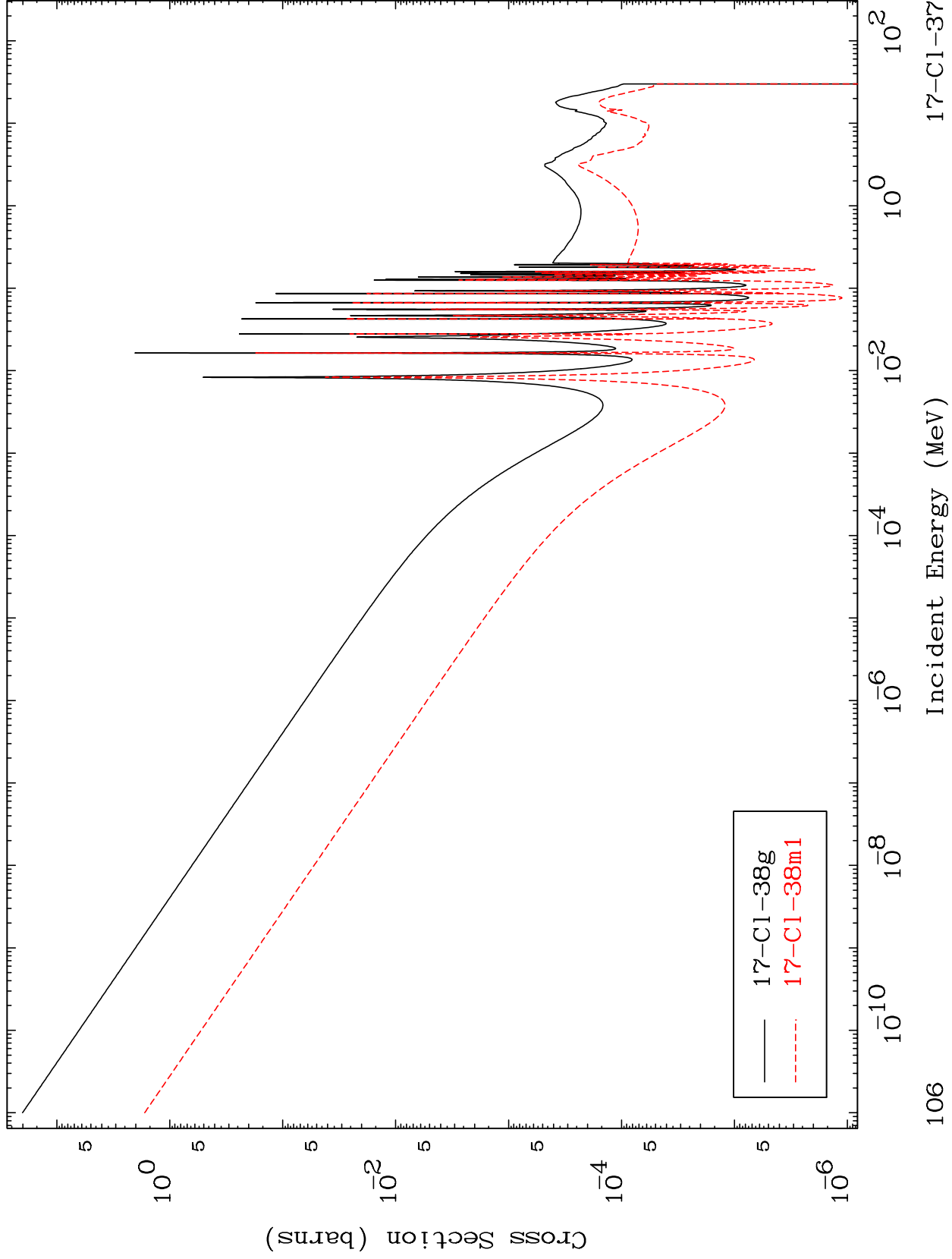
17-Cl-37



MAT 1731

17-Cl-37

(n,γ)
Radionuclide Production Cross Section



106

17-Cl-37