

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

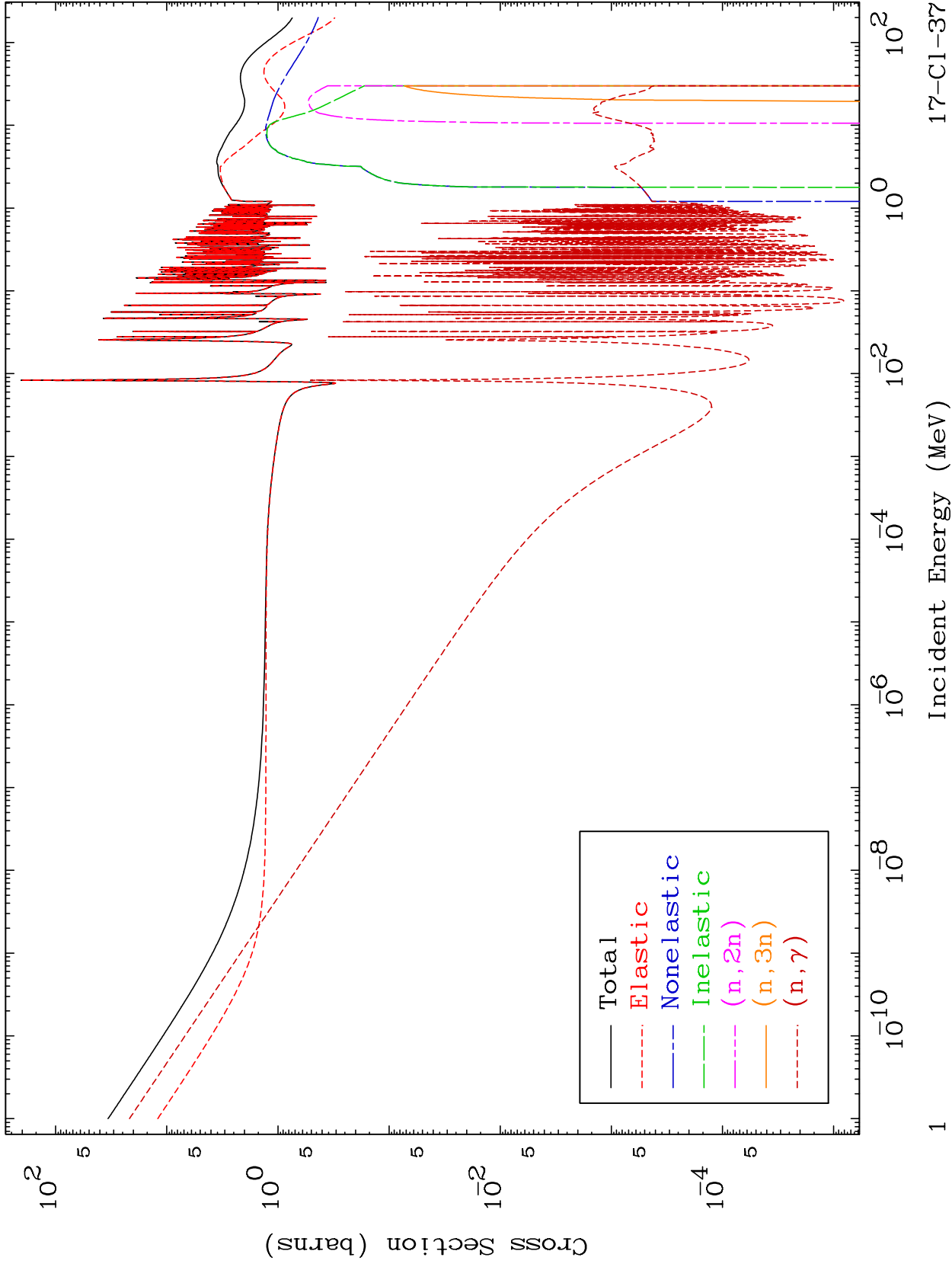
Web:redcullen1.net/HOMEPAGE.NEW

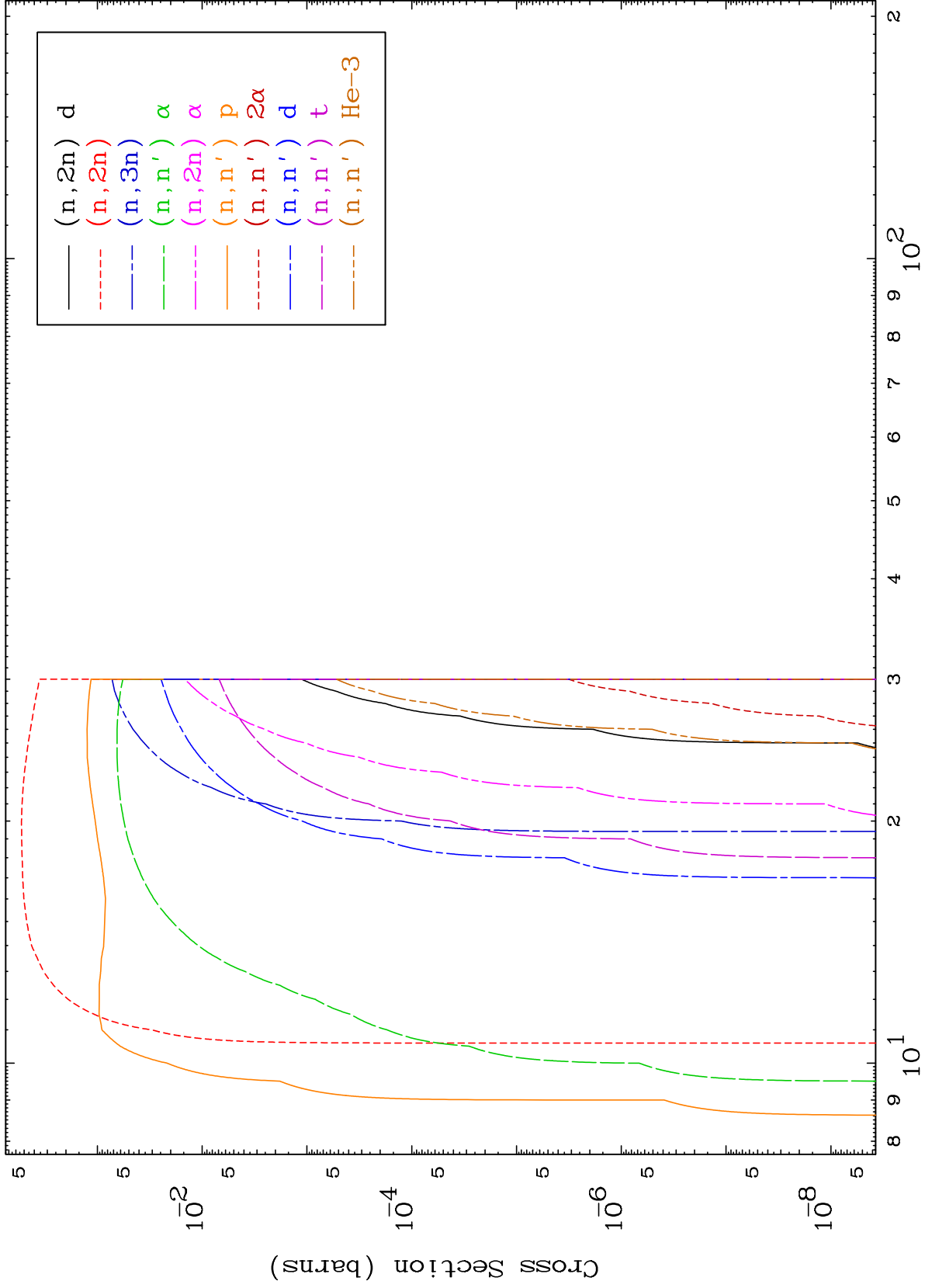
Press Mouse Button to Start

MAT 1731

Neutron Major  
293 Kelvin Cross Sections

17-Cl-37

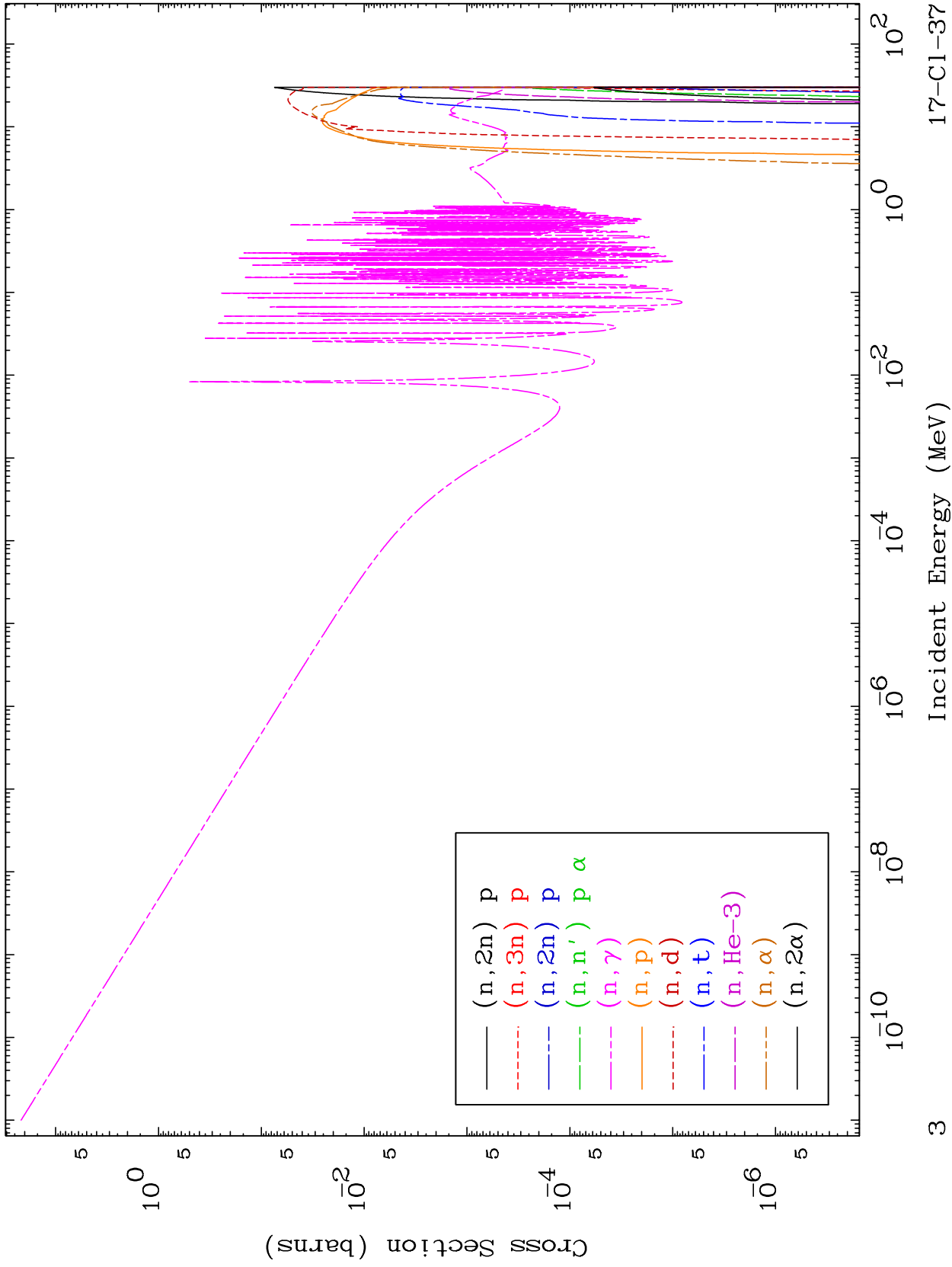


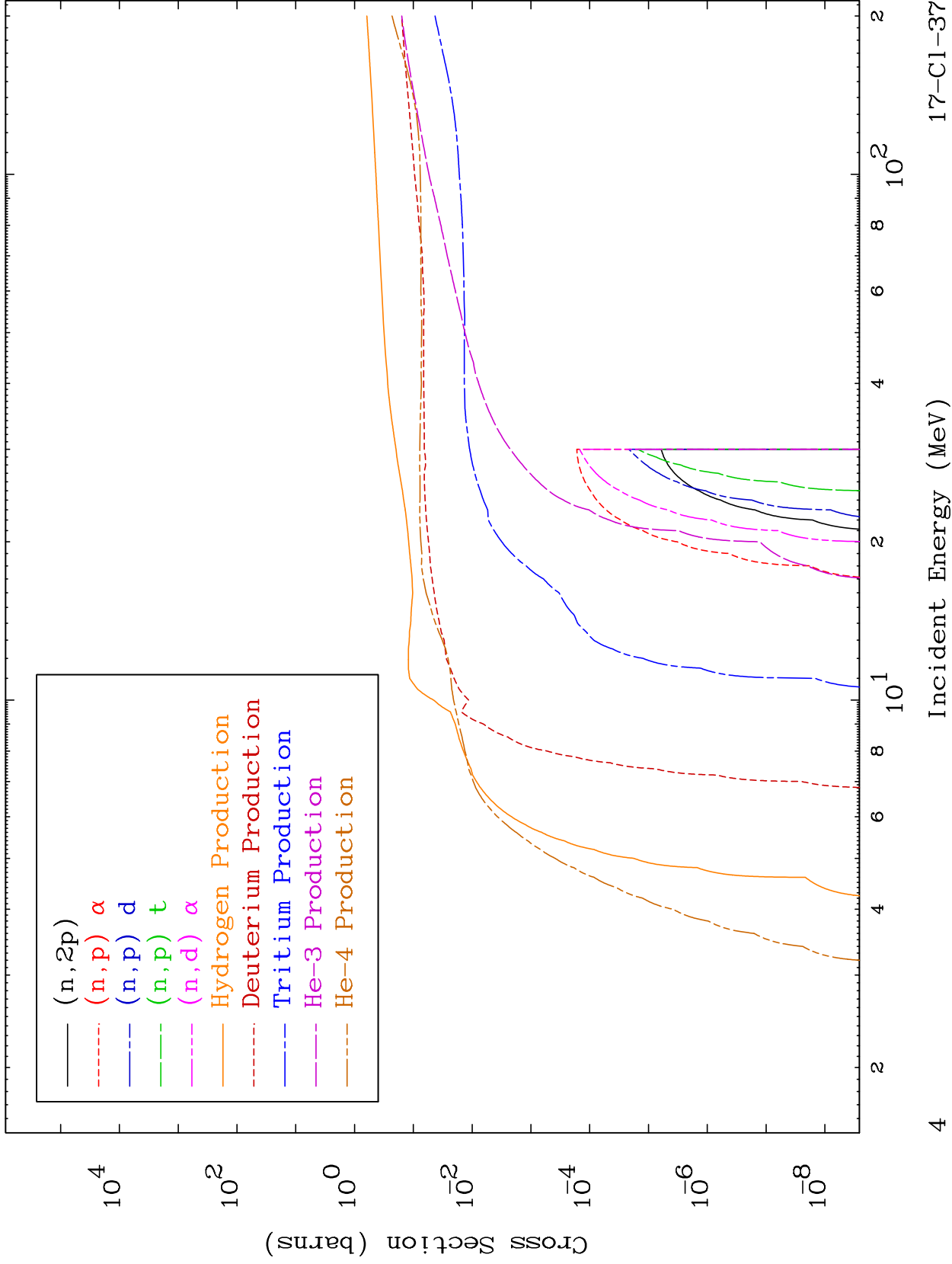


MAT 1731

Neutron Absorption  
293 Kelvin Cross Sections

17-Cl-37

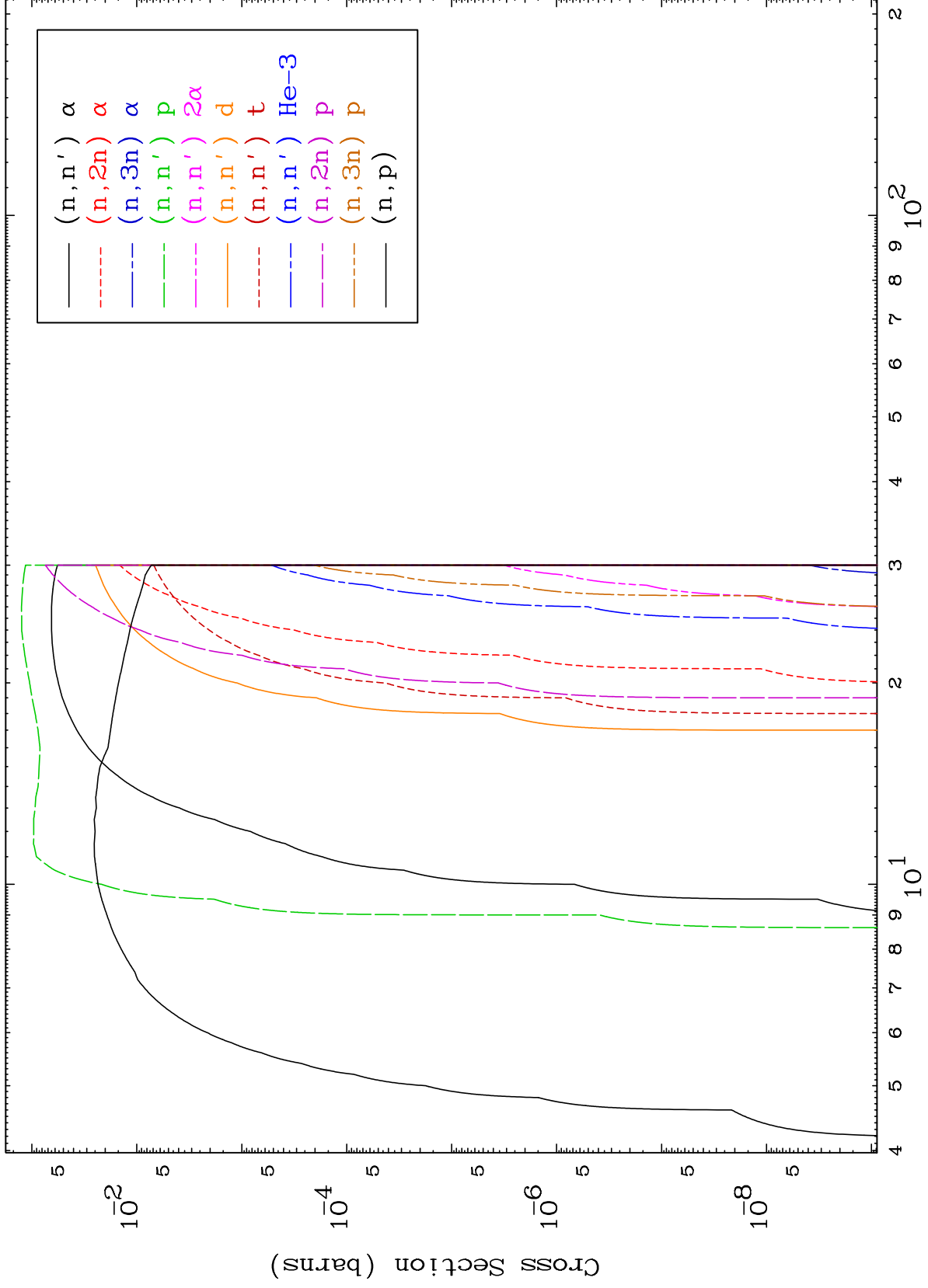




MAT 1731

Charged Particle  
293 Kelvin Cross Sections

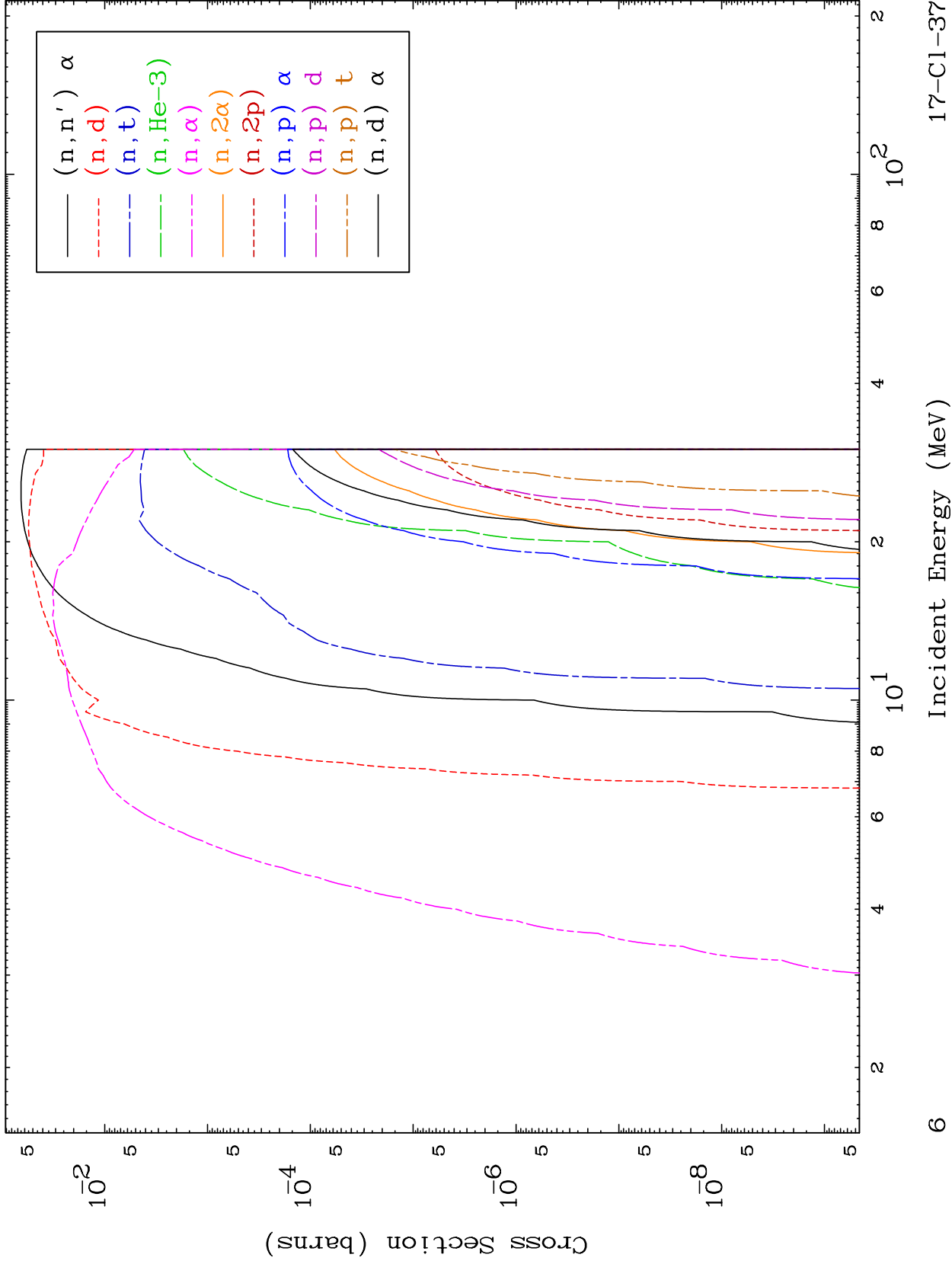
17-Cl-37

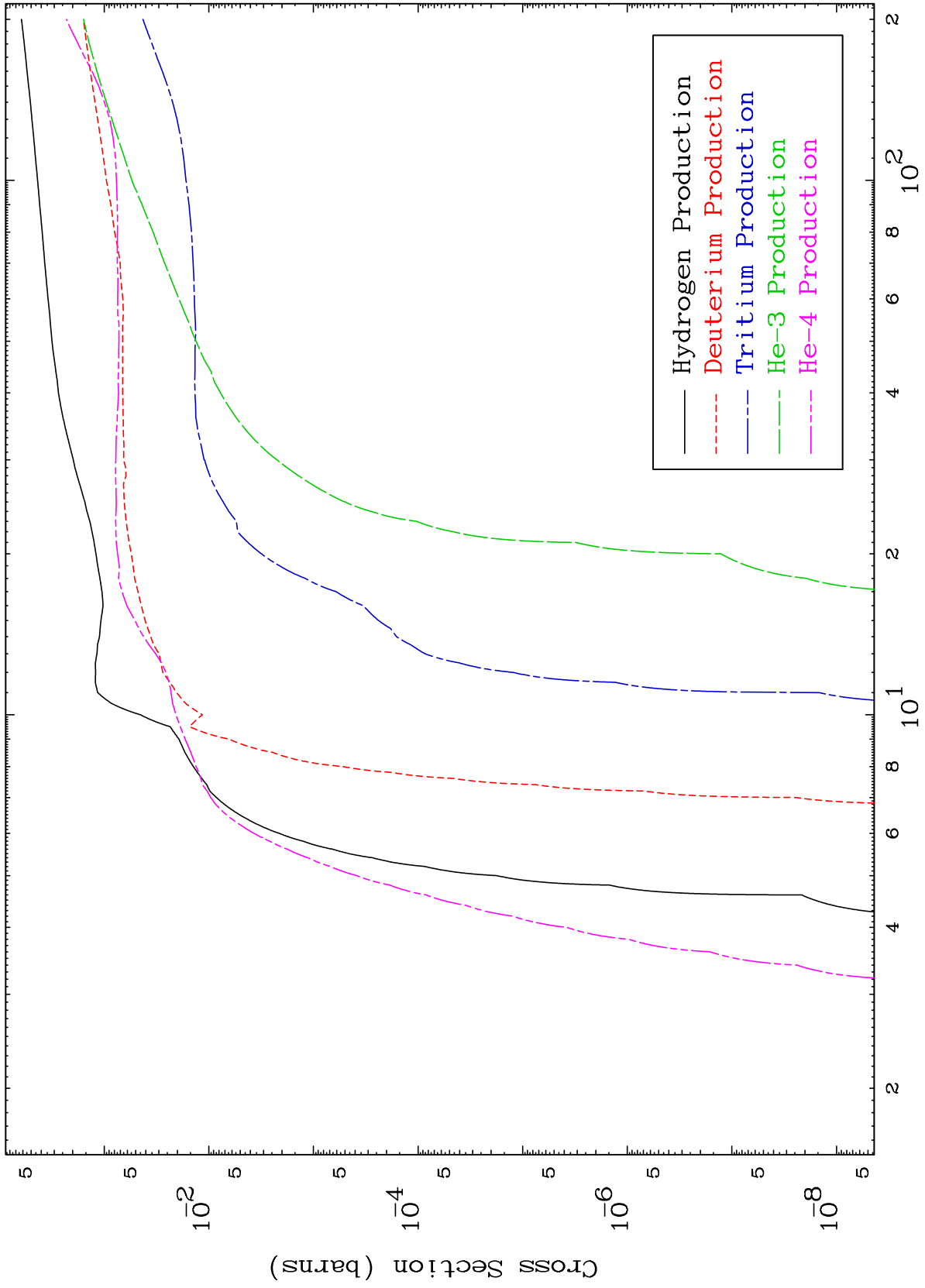


5

Incident Energy (MeV)

17-Cl-37



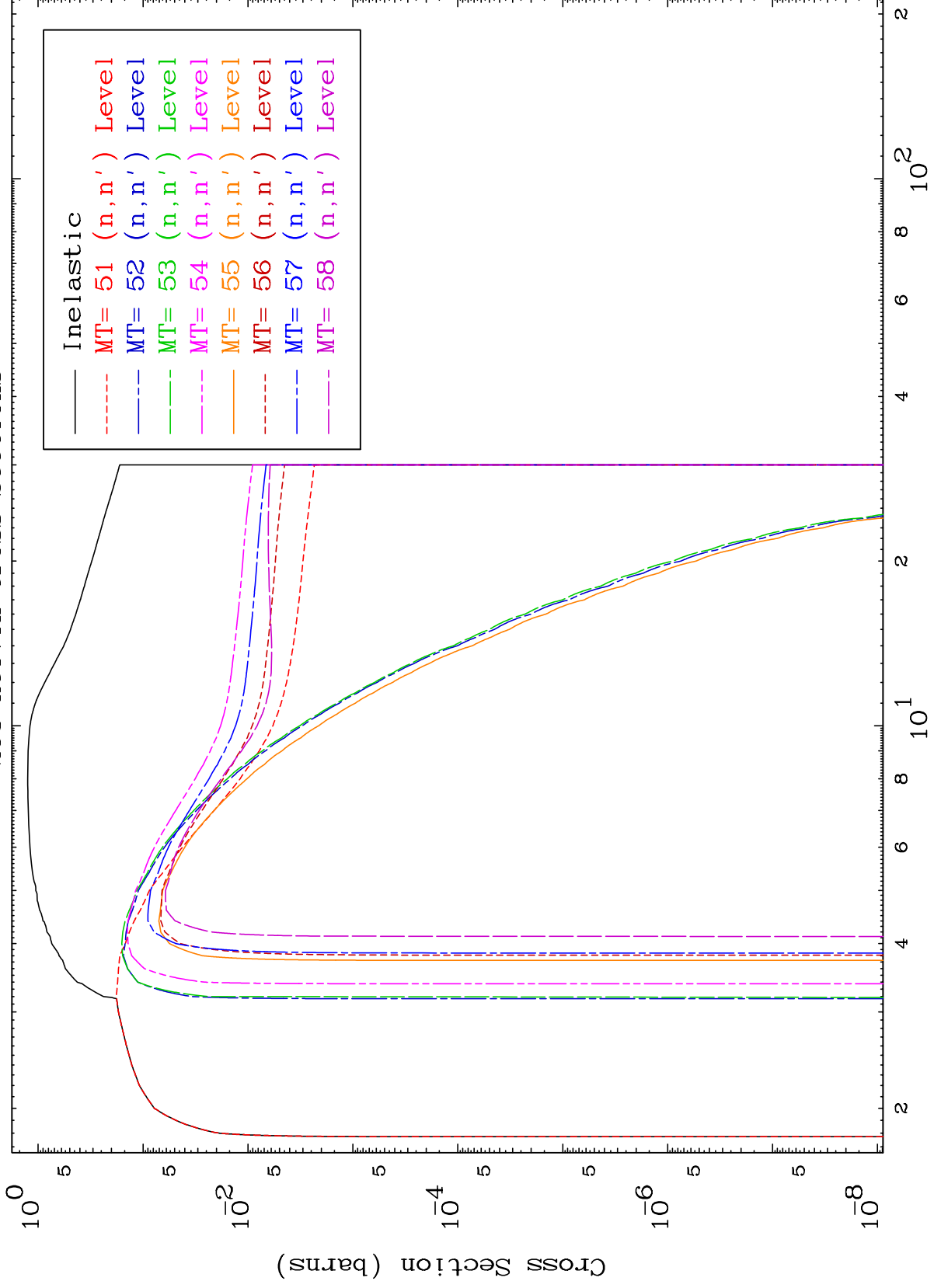


MAT 1731

(n,n') Levels

17-Cl-37

293 Kelvin Cross Sections



8

Incident Energy (MeV)

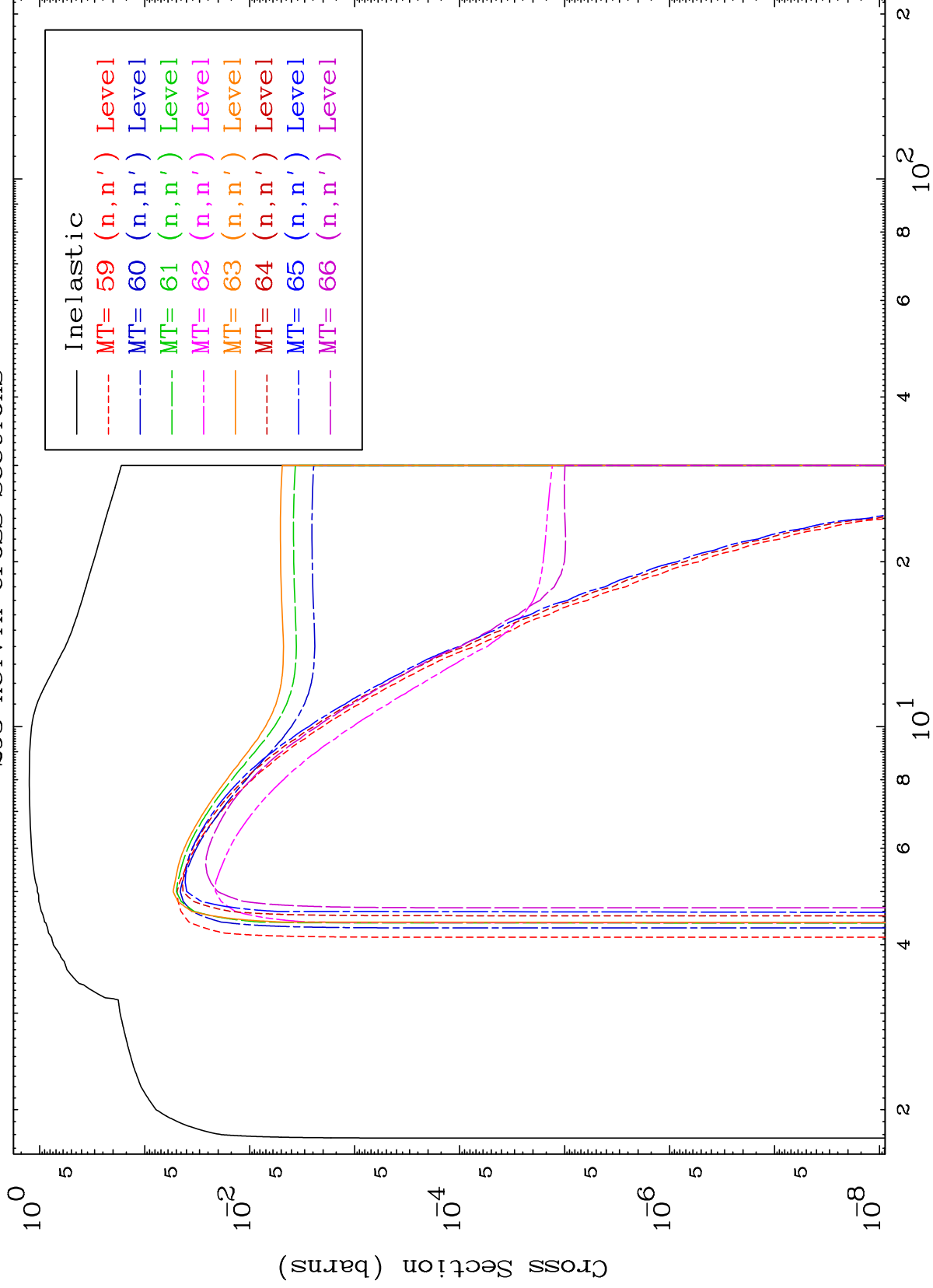
17-Cl-37

MAT 1731

(n,n') Levels

17-Cl-37

293 Kelvin Cross Sections



9

Incident Energy (MeV)

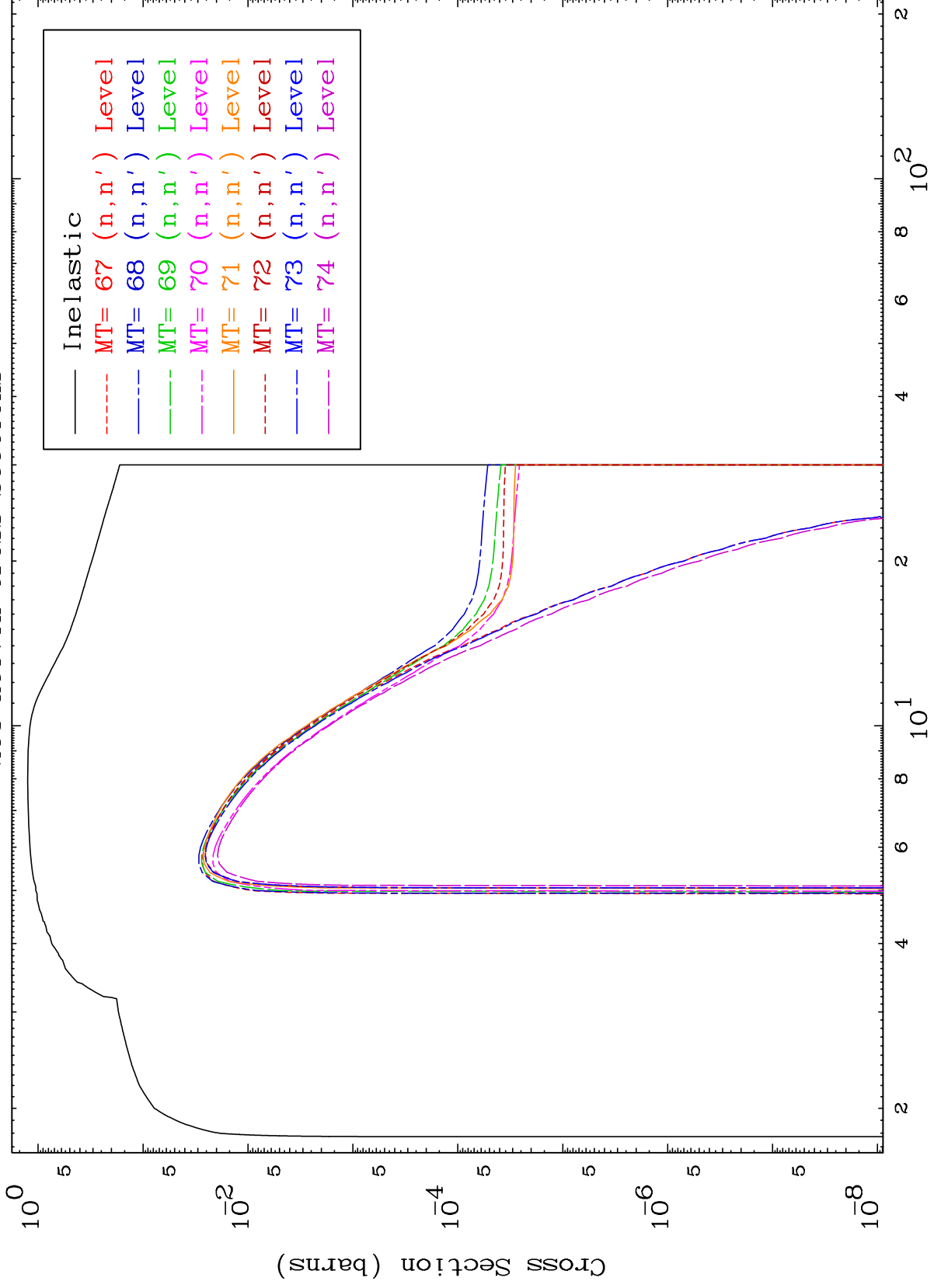
17-Cl-37

MAT 1731

(n,n') Levels

17-Cl-37

293 Kelvin Cross Sections

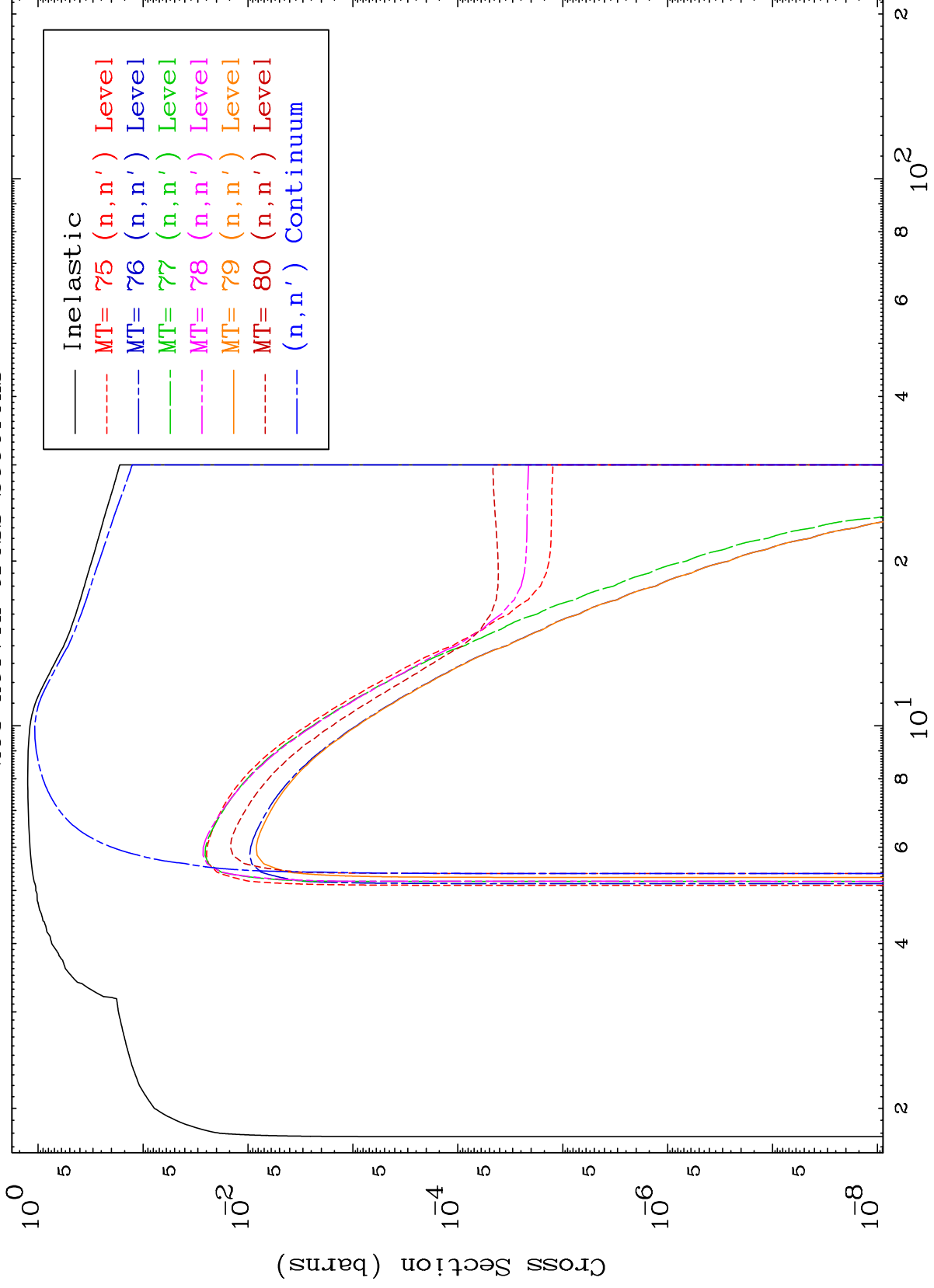


10

Incident Energy (MeV)

17-Cl-37

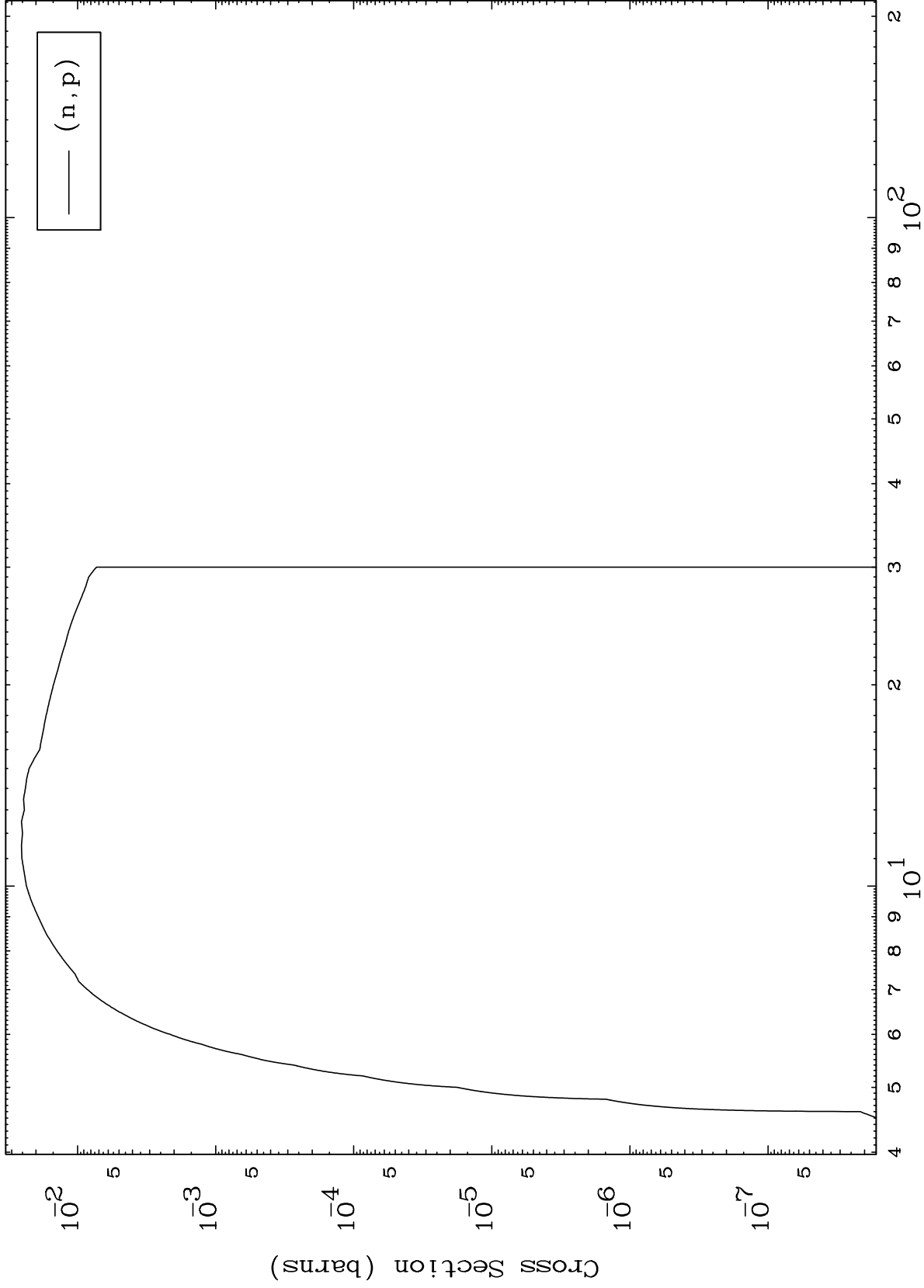
293 Kelvin Cross Sections



MAT 1731

(n,p) Levels  
293 Kelvin Cross Sections

17-Cl-37



12

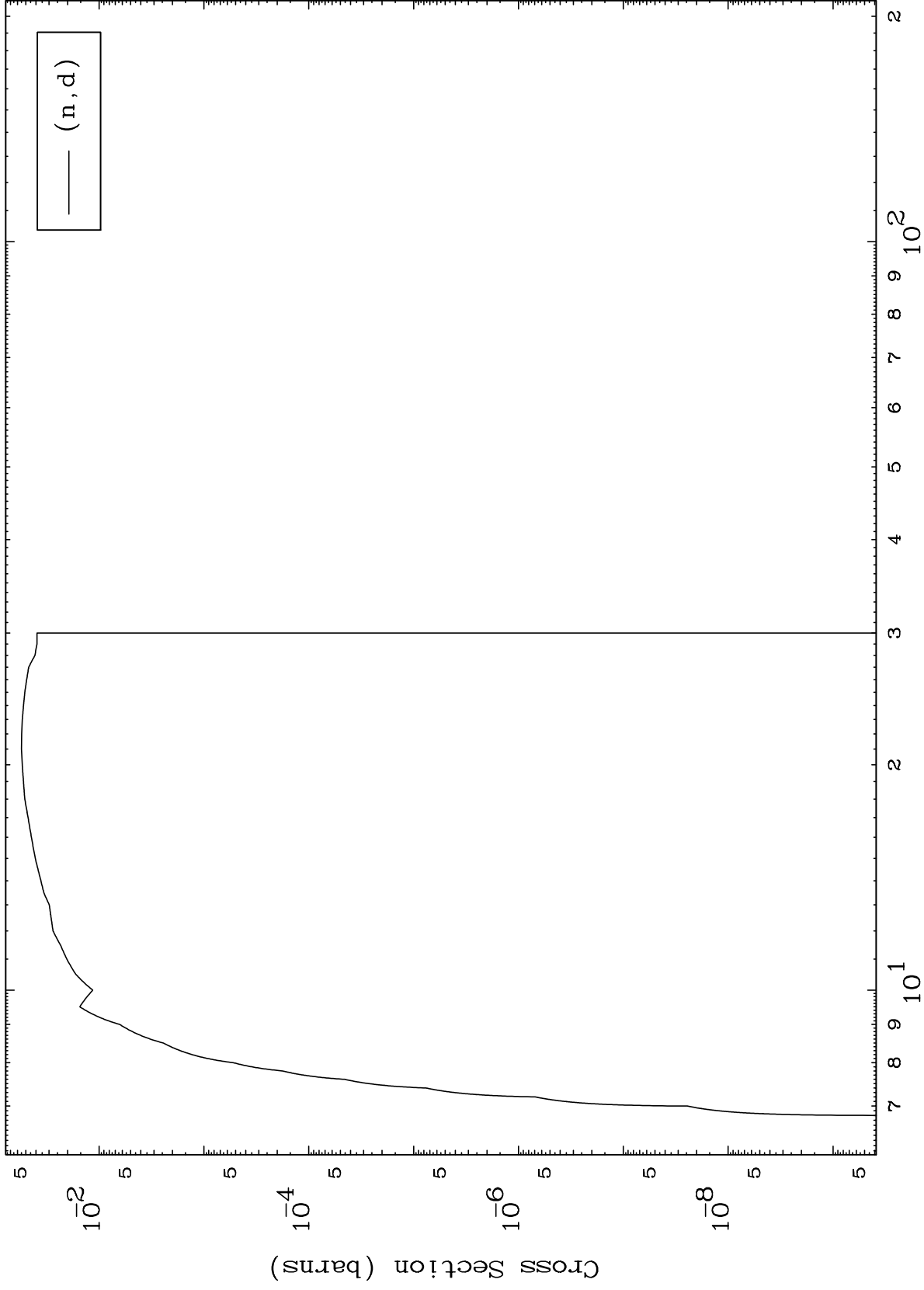
Incident Energy (MeV)

17-Cl-37

MAT 1731

(n,d) Levels  
293 Kelvin Cross Sections

17-Cl-37



13

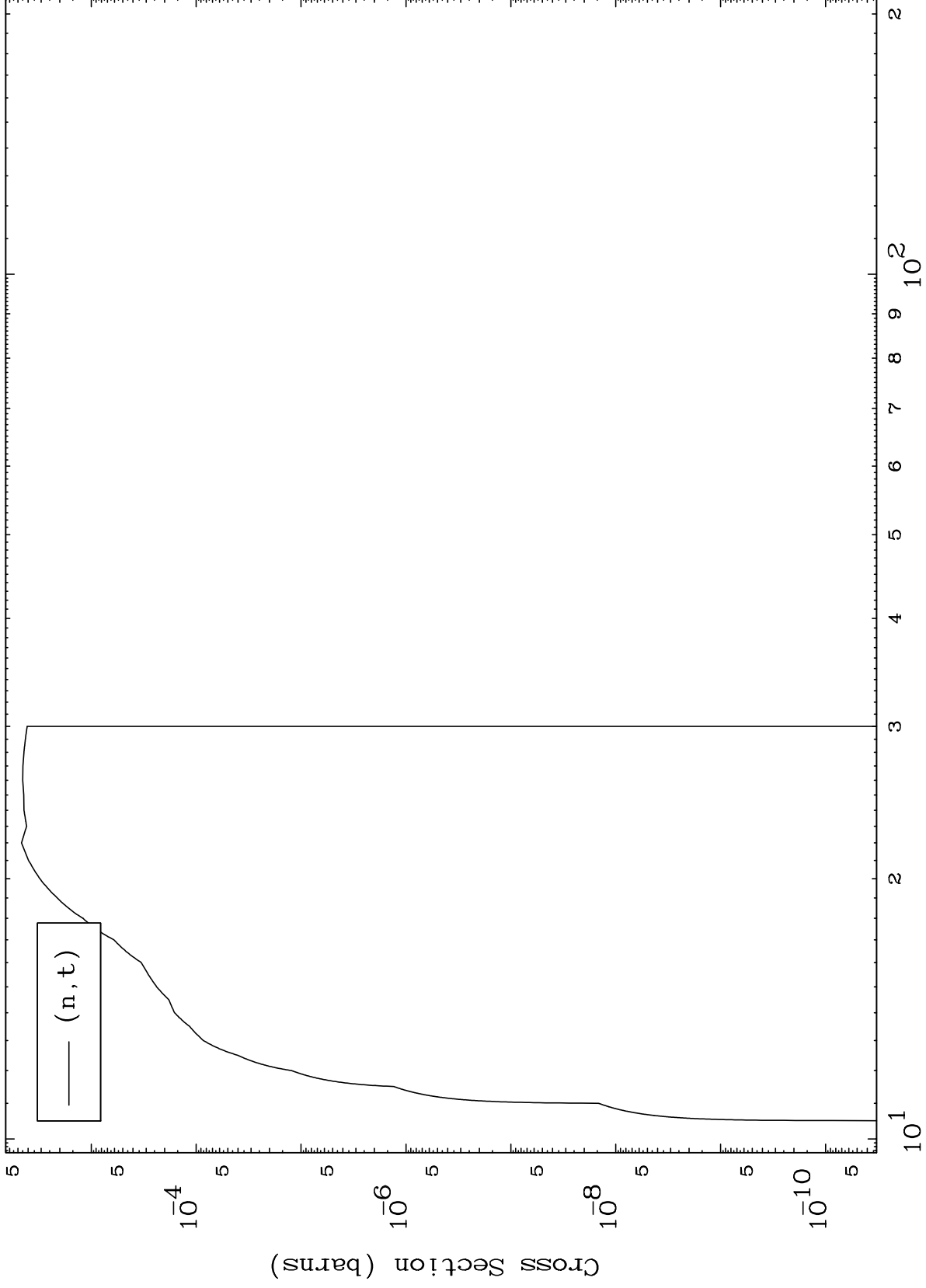
Incident Energy (MeV)

17-Cl-37

MAT 1731

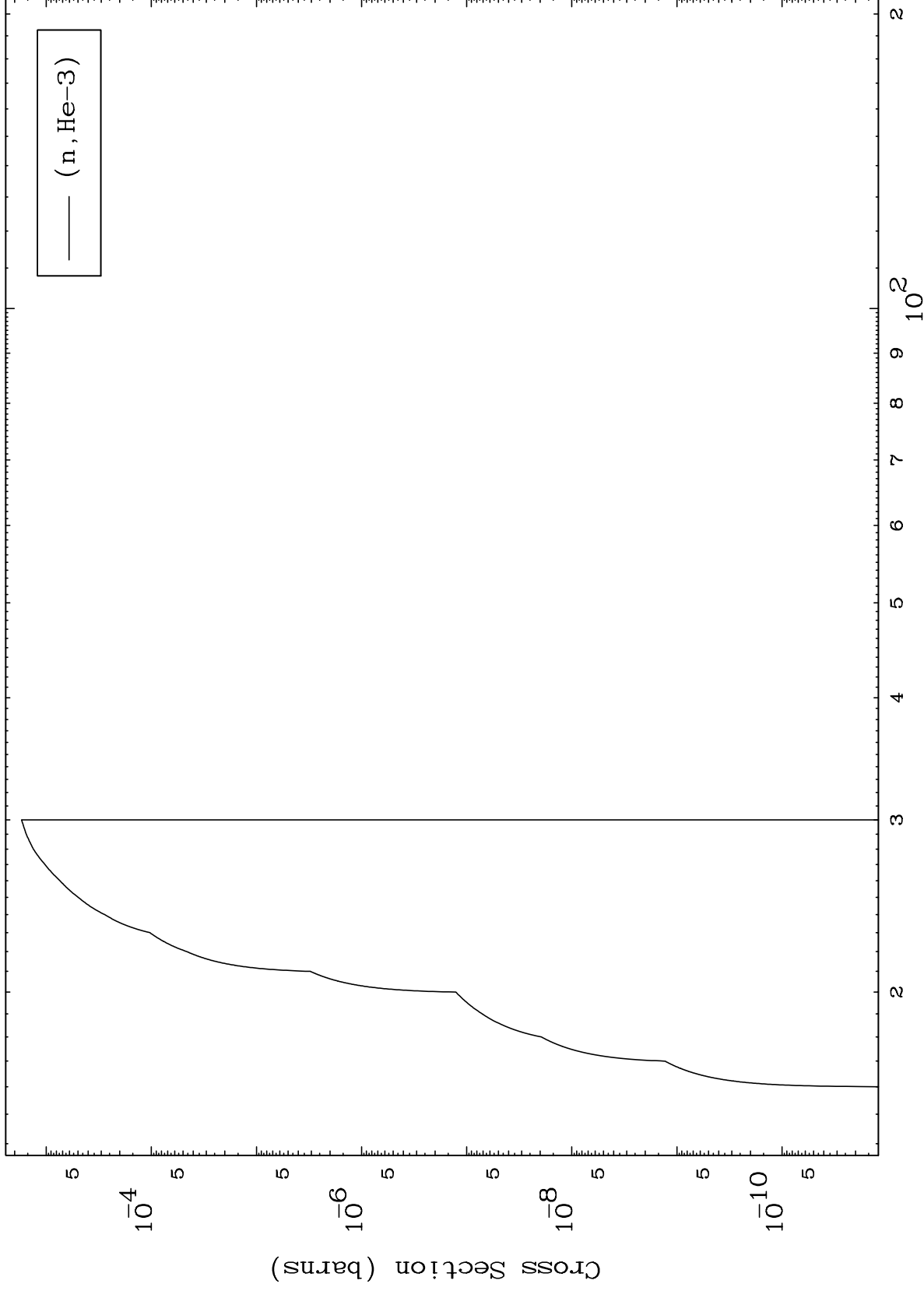
(n,t) Levels  
293 Kelvin Cross Sections

17-Cl-37



Incident Energy (MeV)

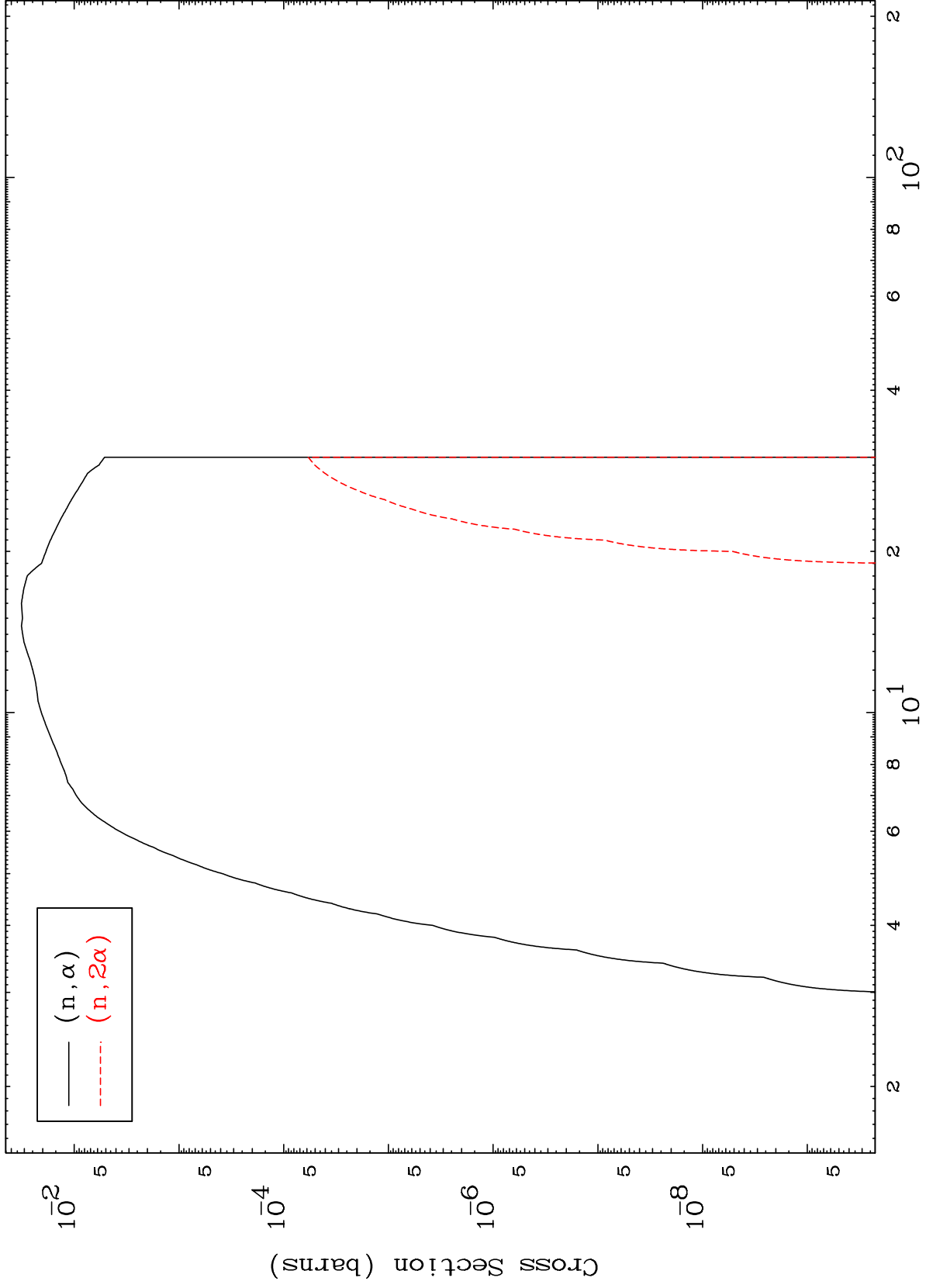
17-Cl-37



MAT 1731

(n,α) Levels  
293 Kelvin Cross Sections

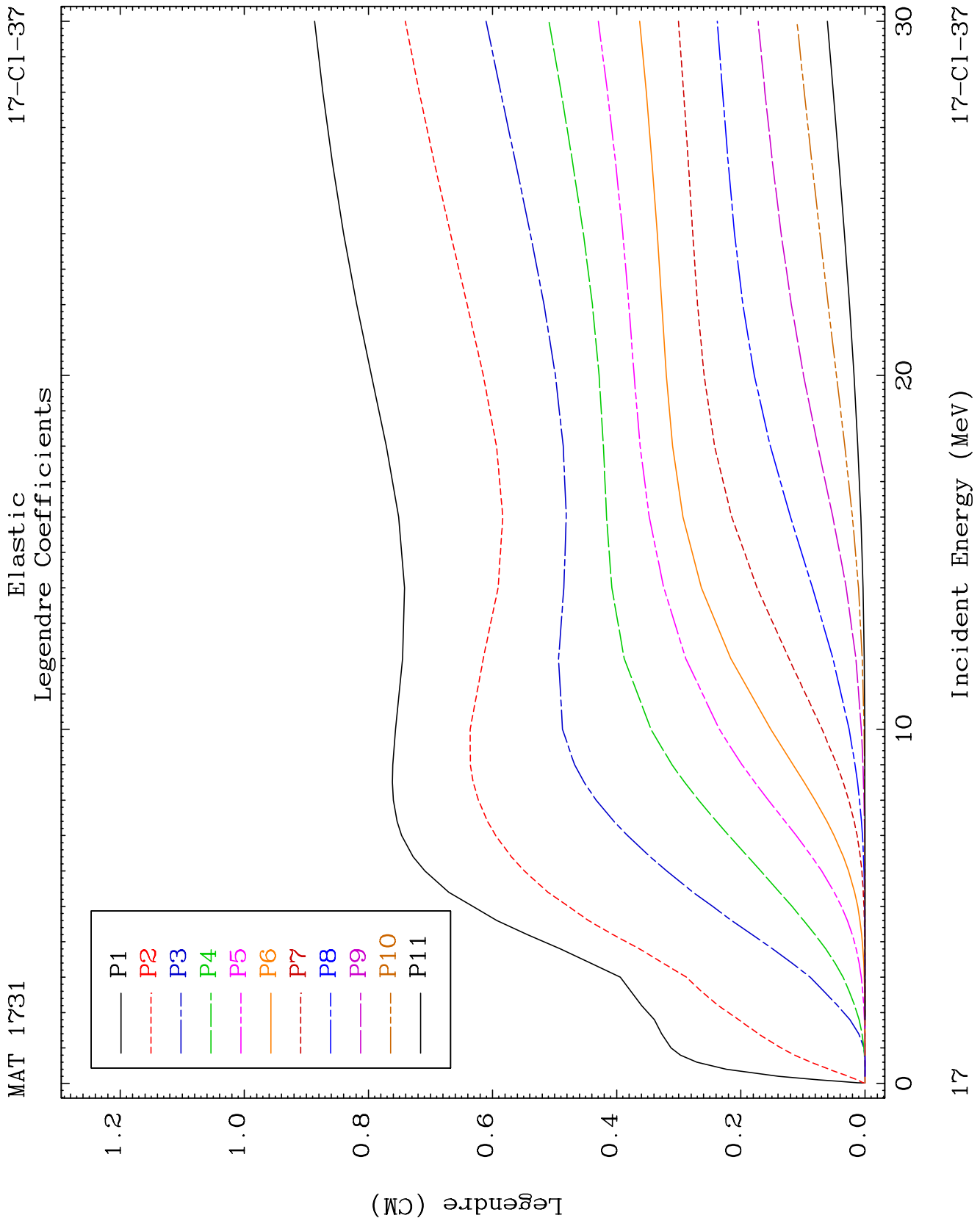
17-Cl-37



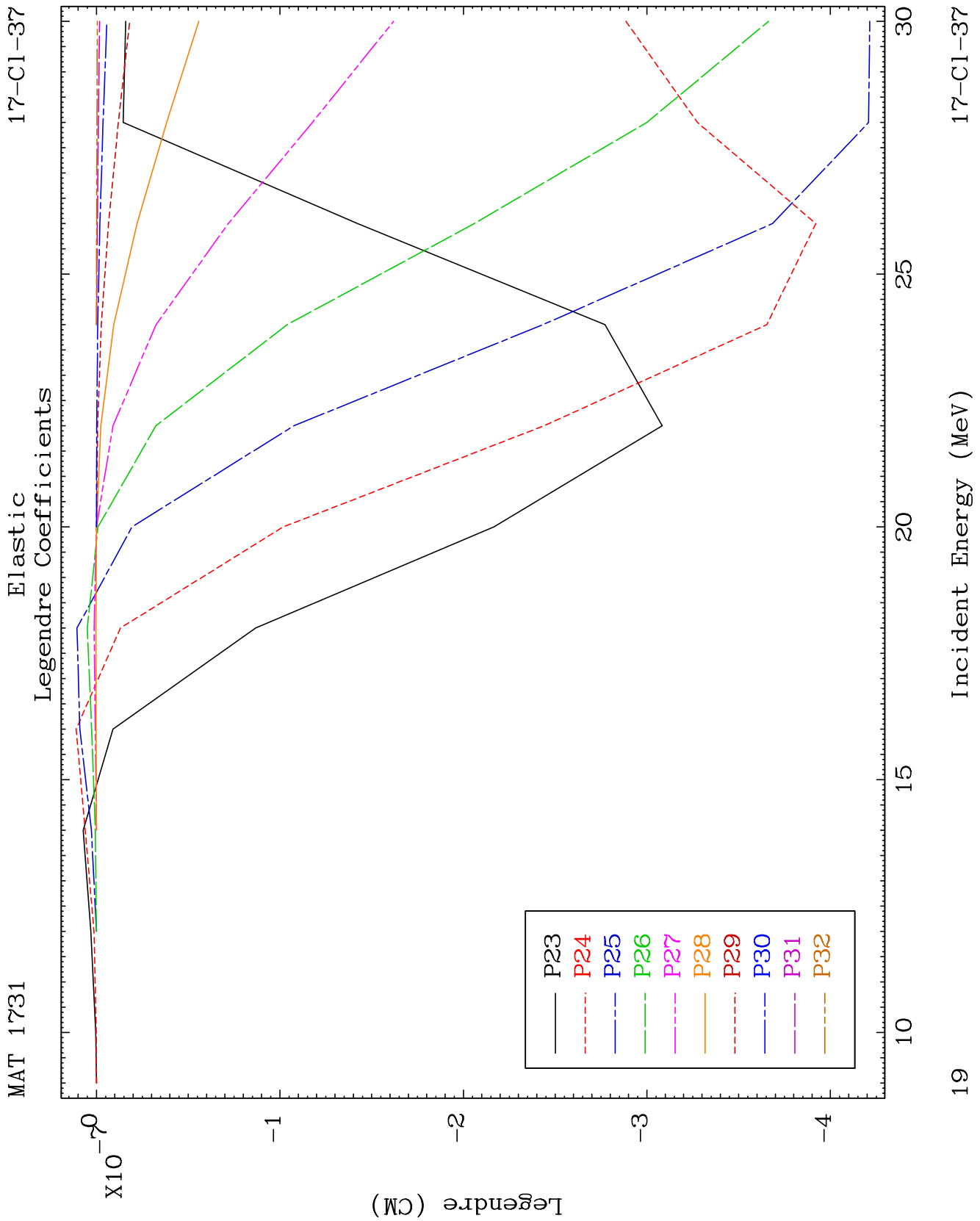
16

Incident Energy (MeV)

17-Cl-37



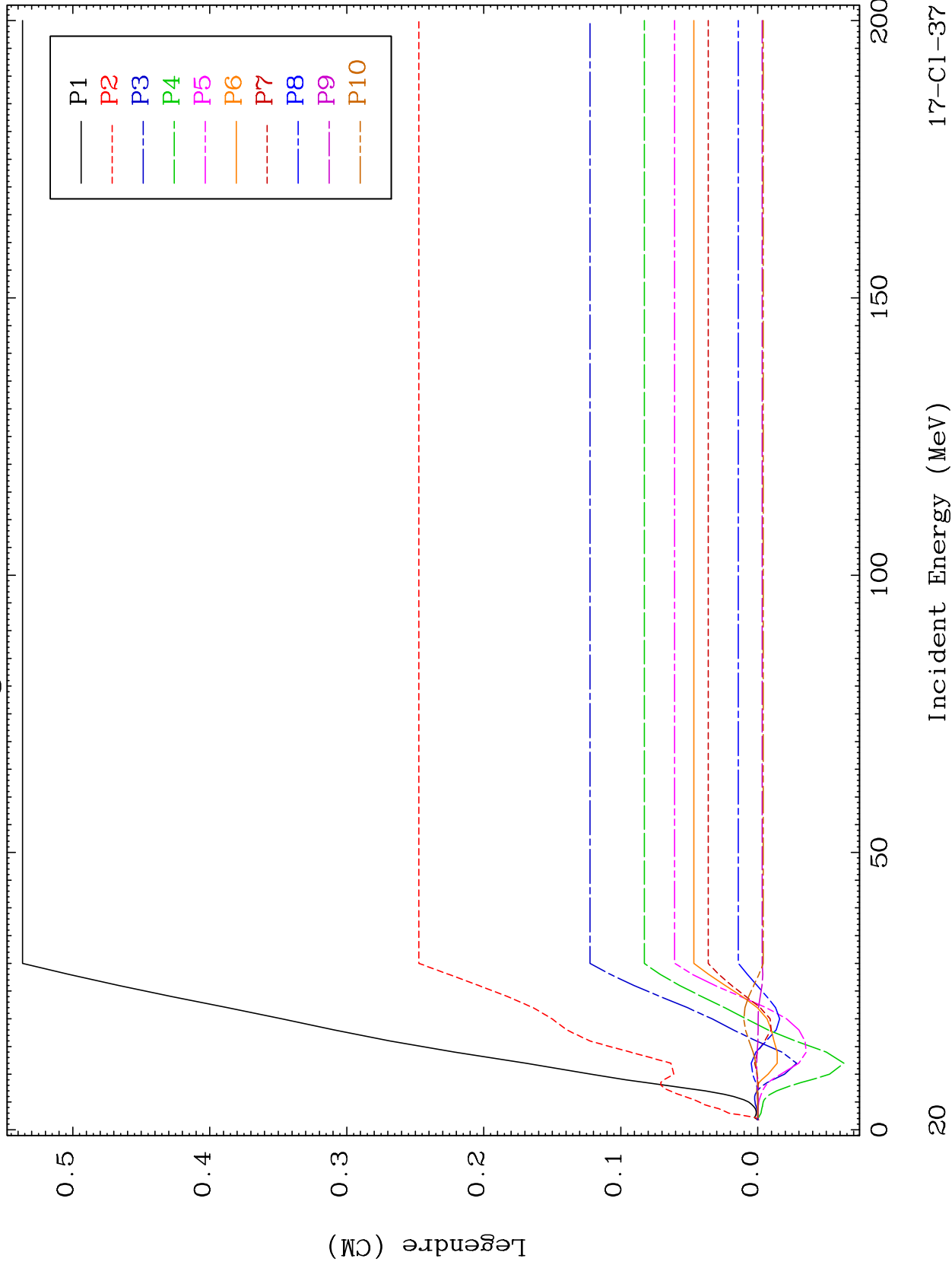




MAT 1731

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

17-Cl-37

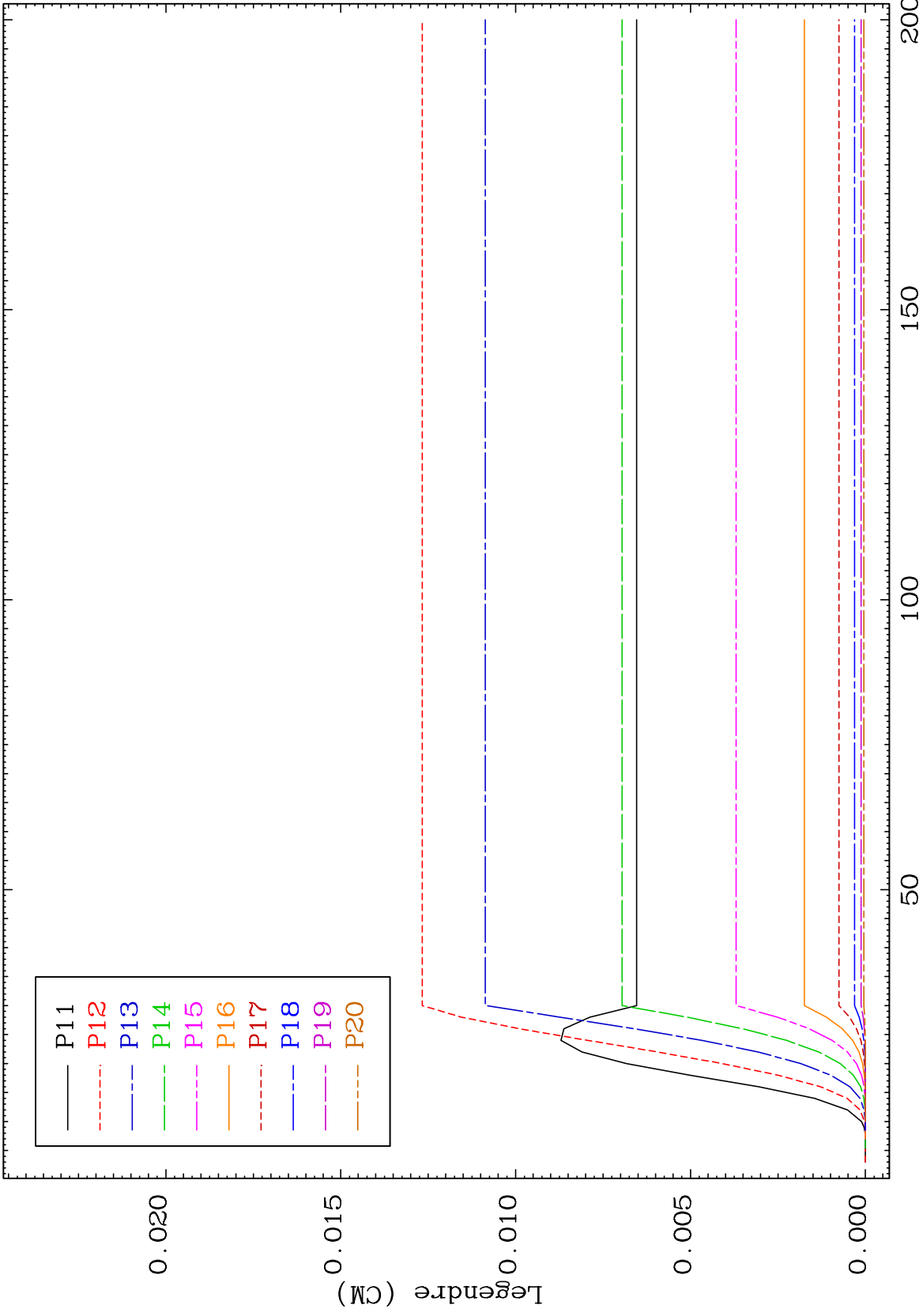


17-Cl-37

MAT 1731

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

17-Cl-37



21

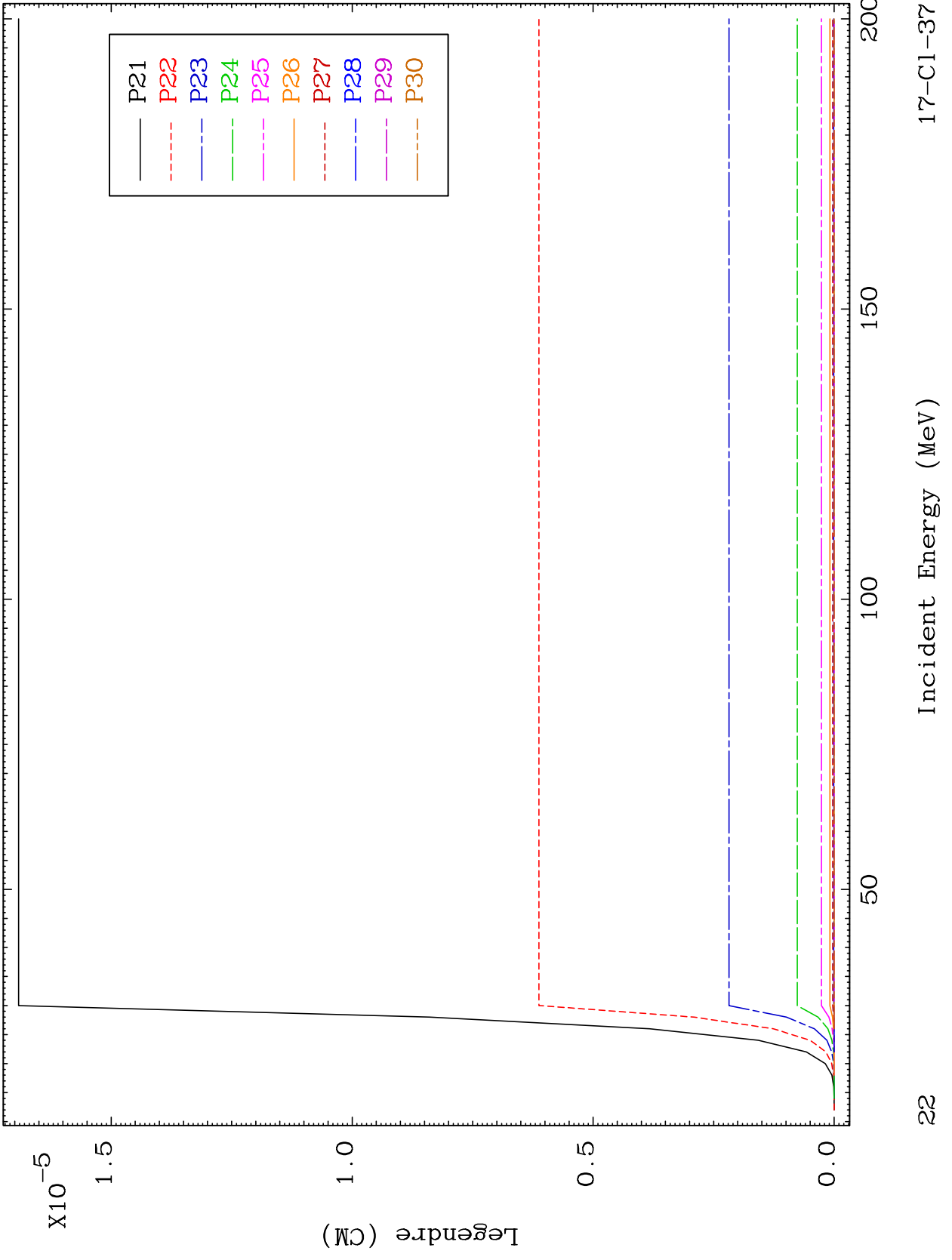
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37



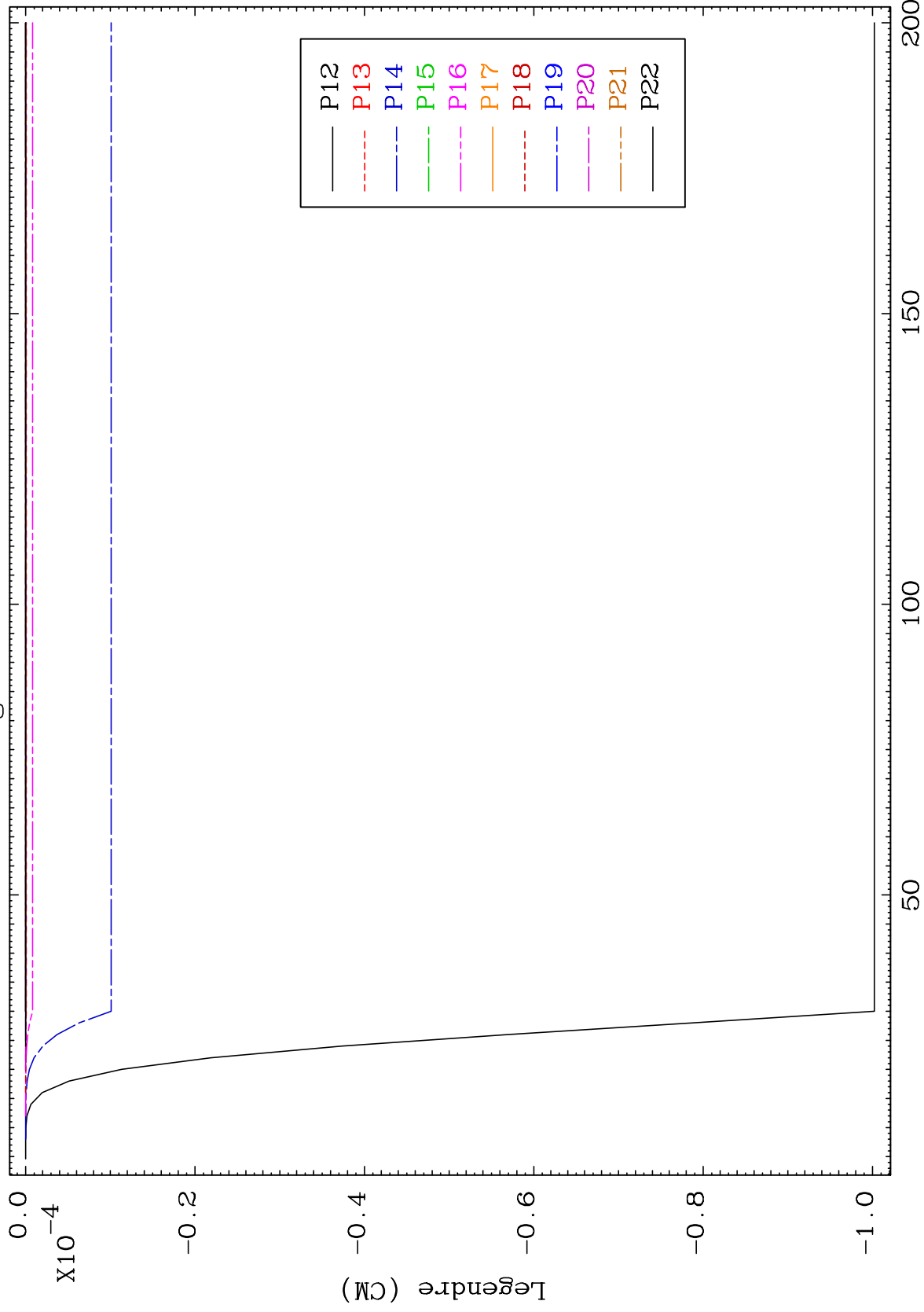
22



MAT 1731

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

17-C1-37



24

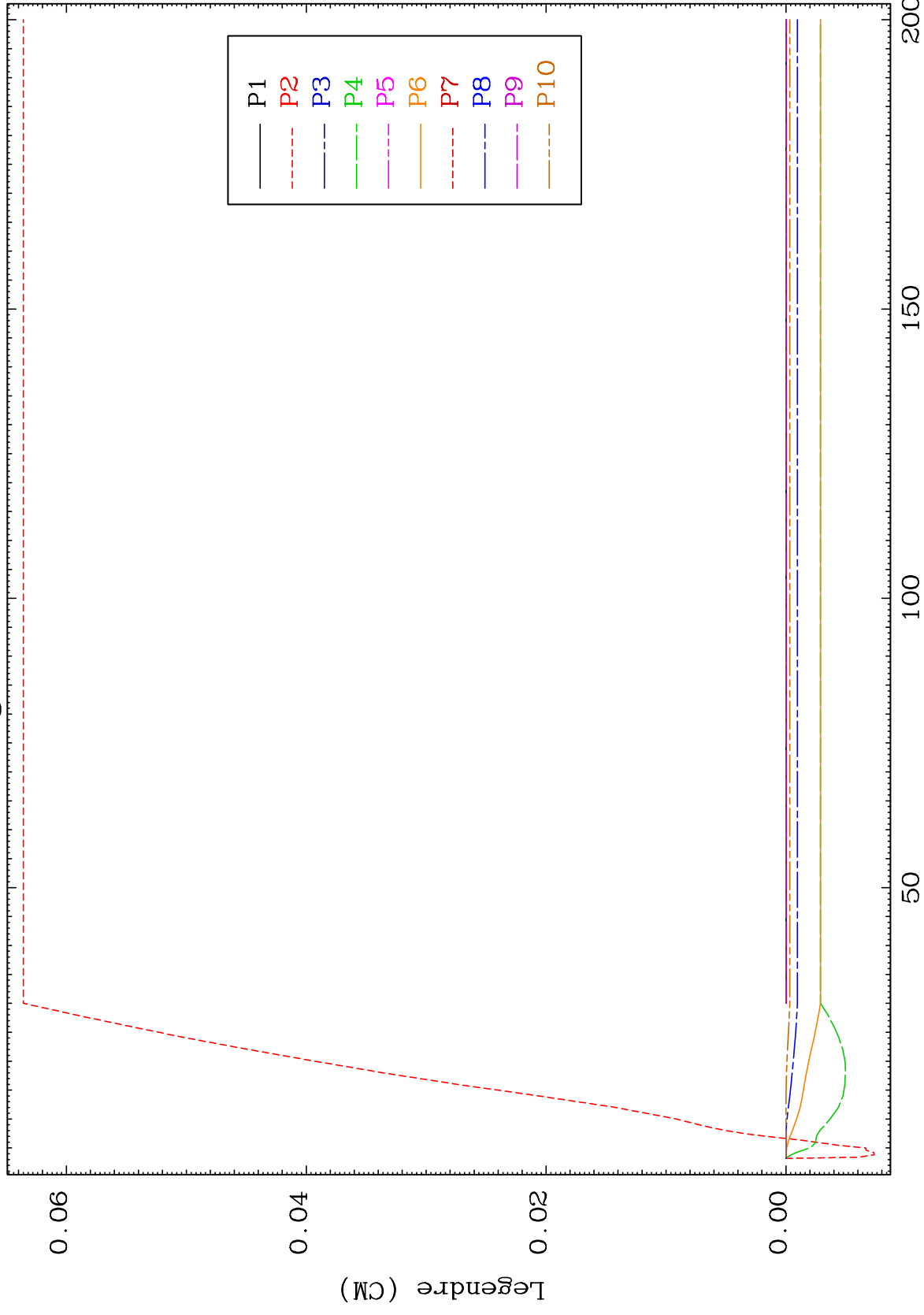
Incident Energy (MeV)

17-C1-37

MAT 1731

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

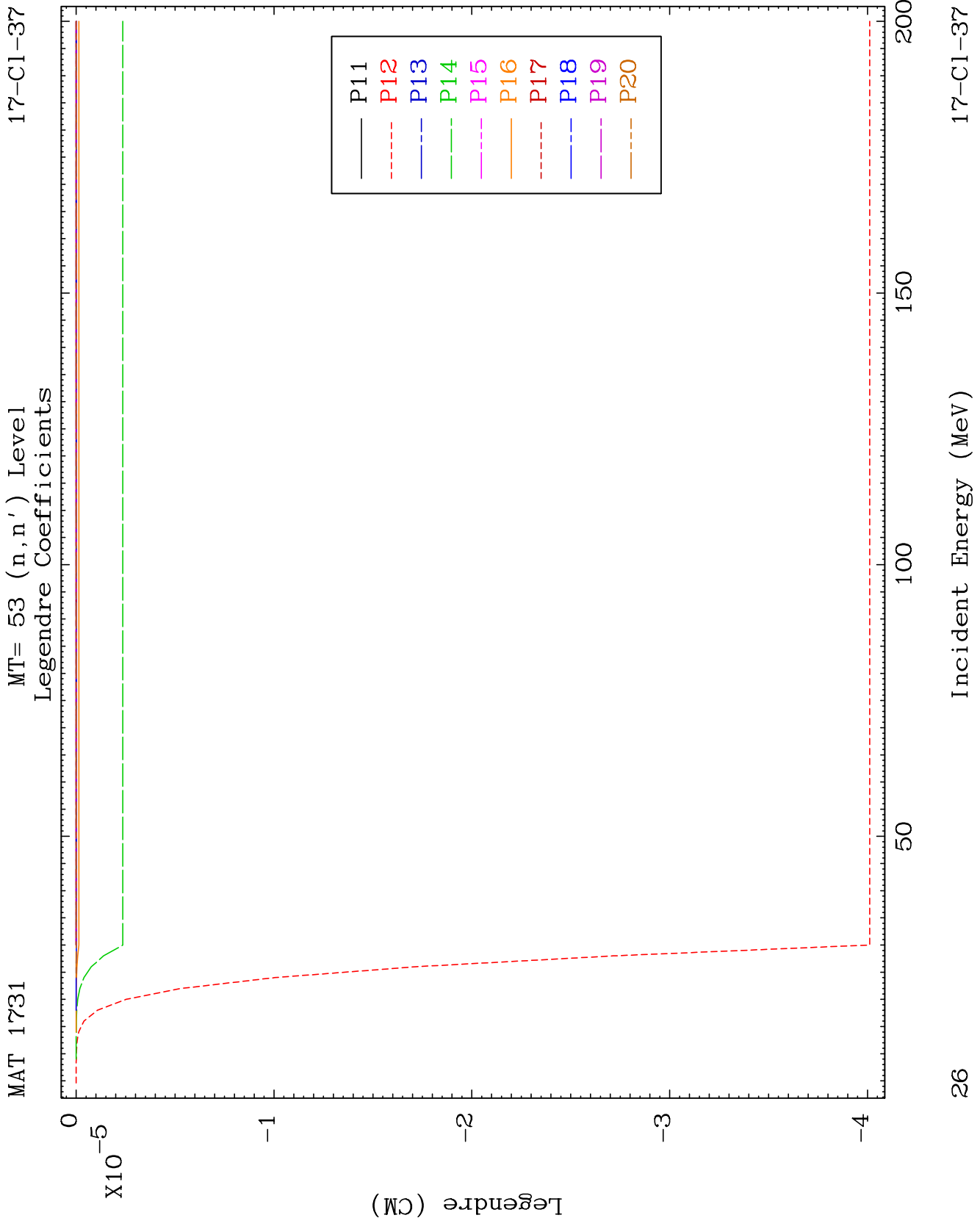
17-Cl-37



25

Incident Energy (MeV)

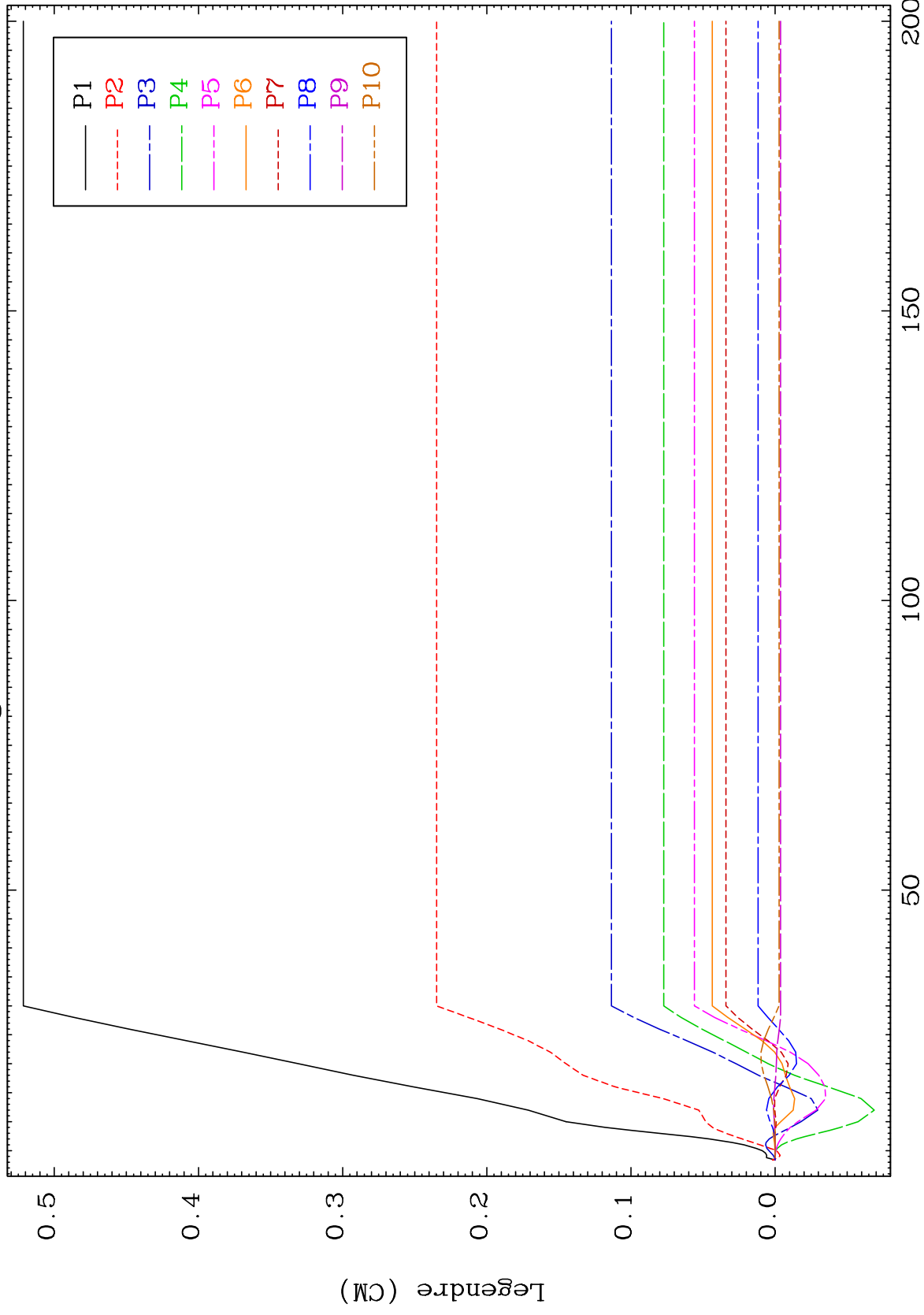
17-Cl-37



MAT 1731

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

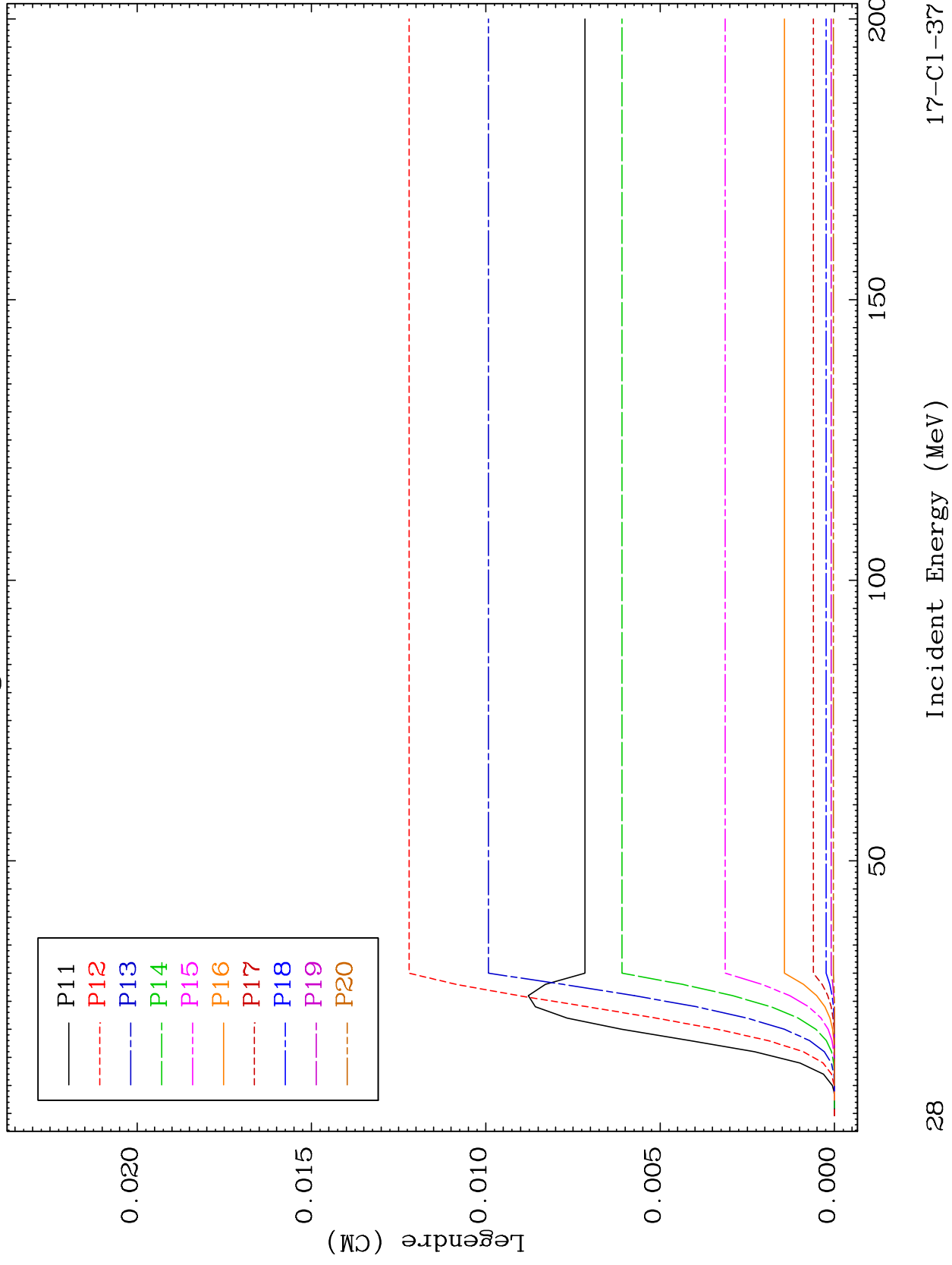
17-Cl-37

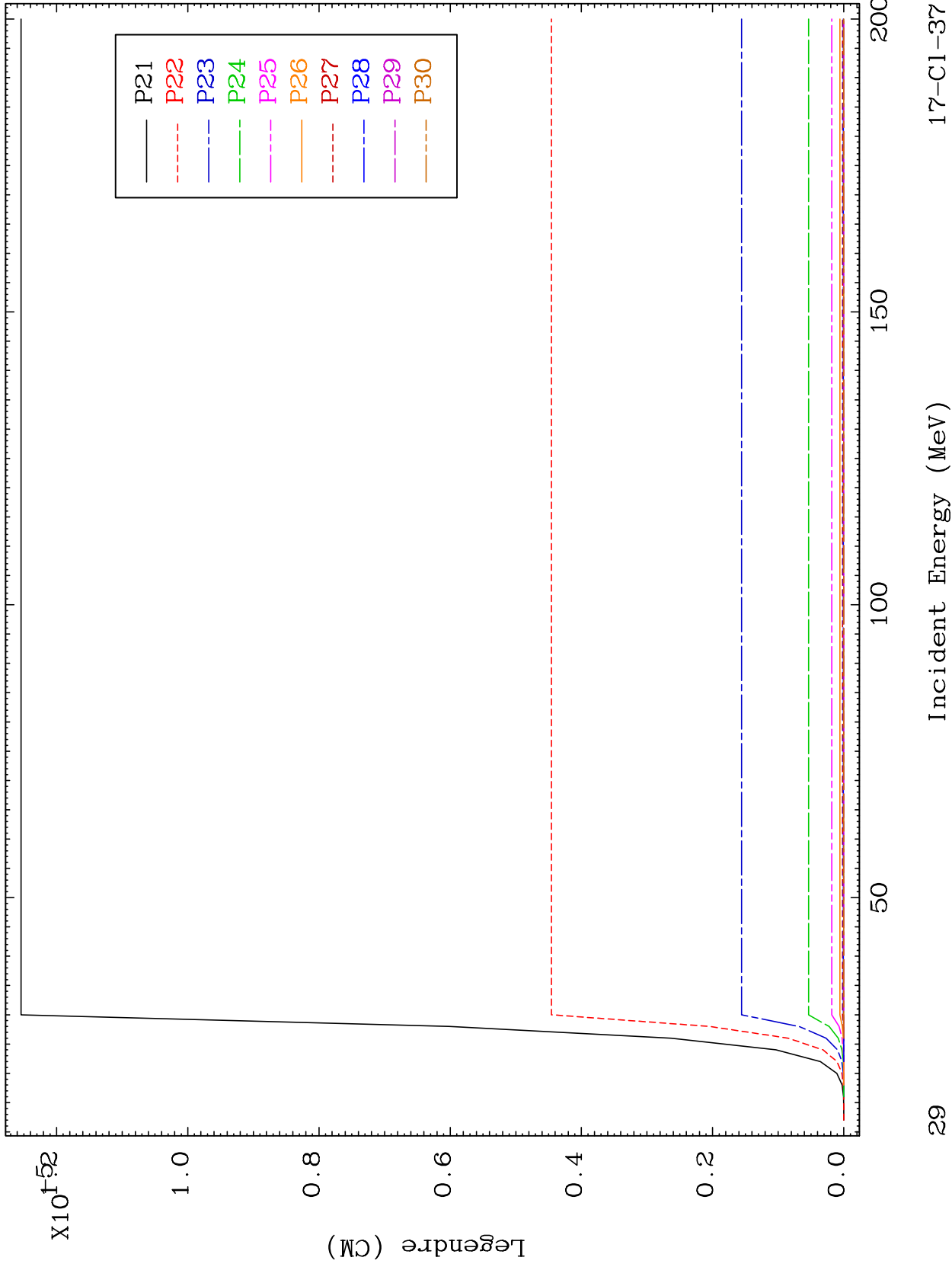


27

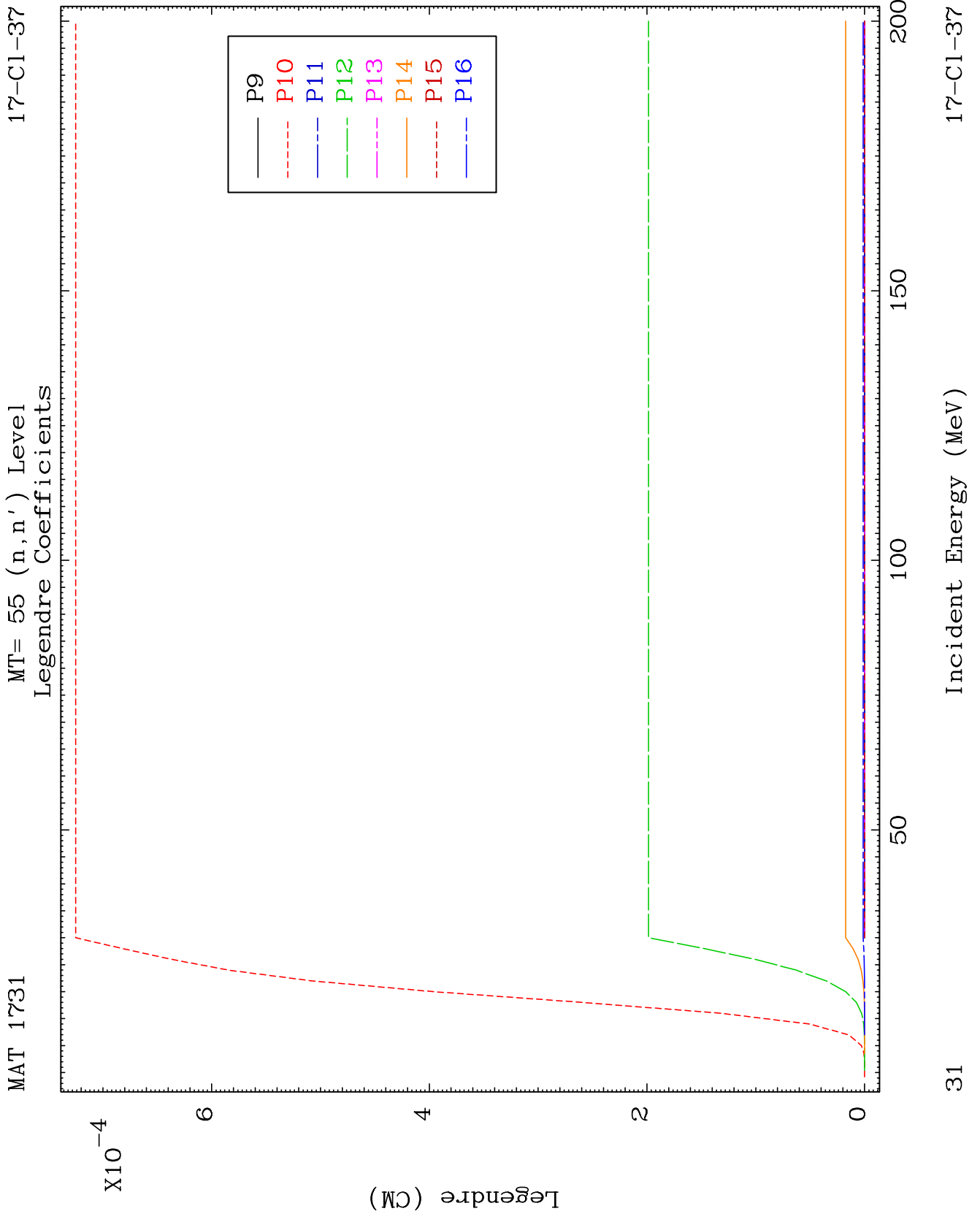
Incident Energy (MeV)

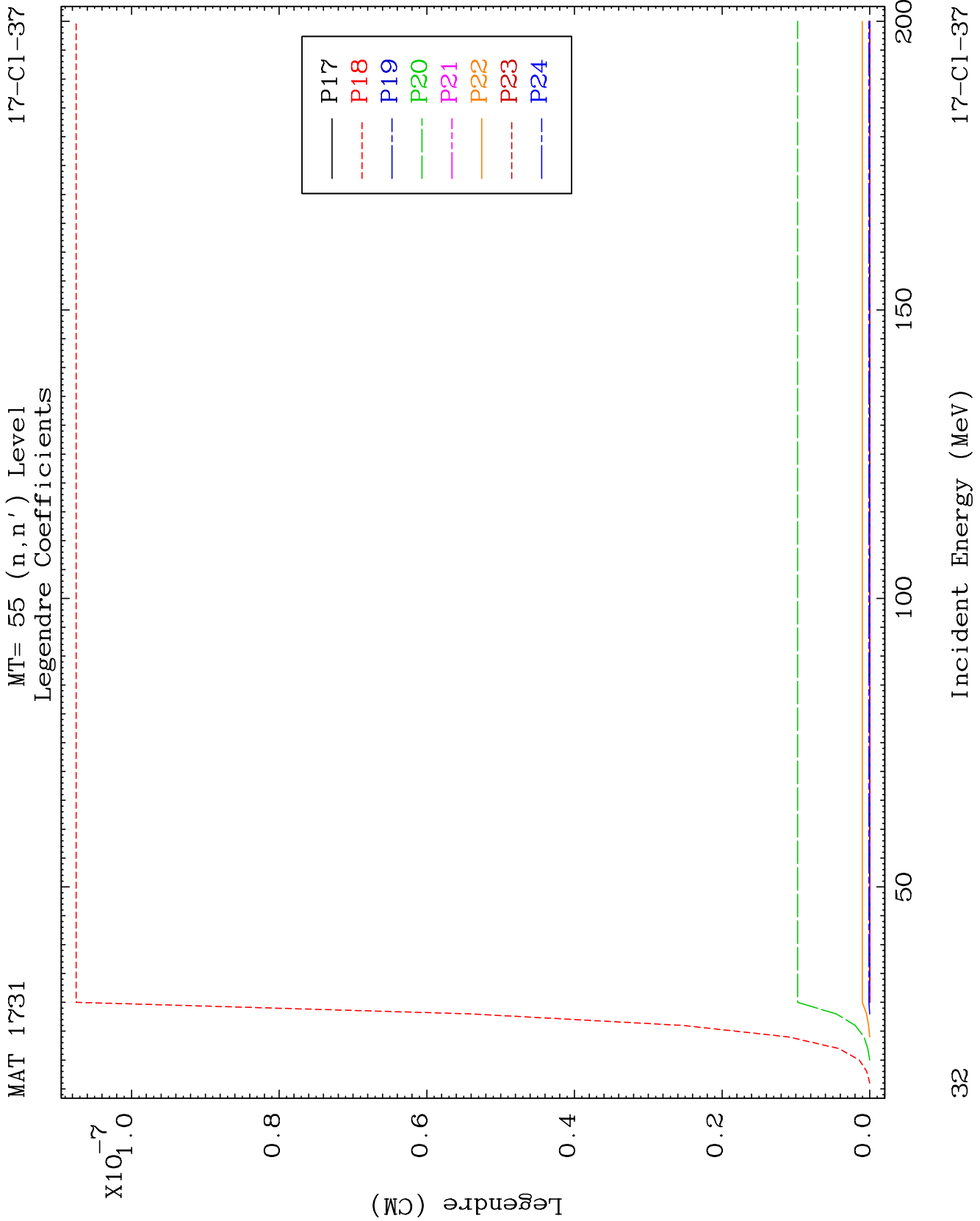
17-Cl-37

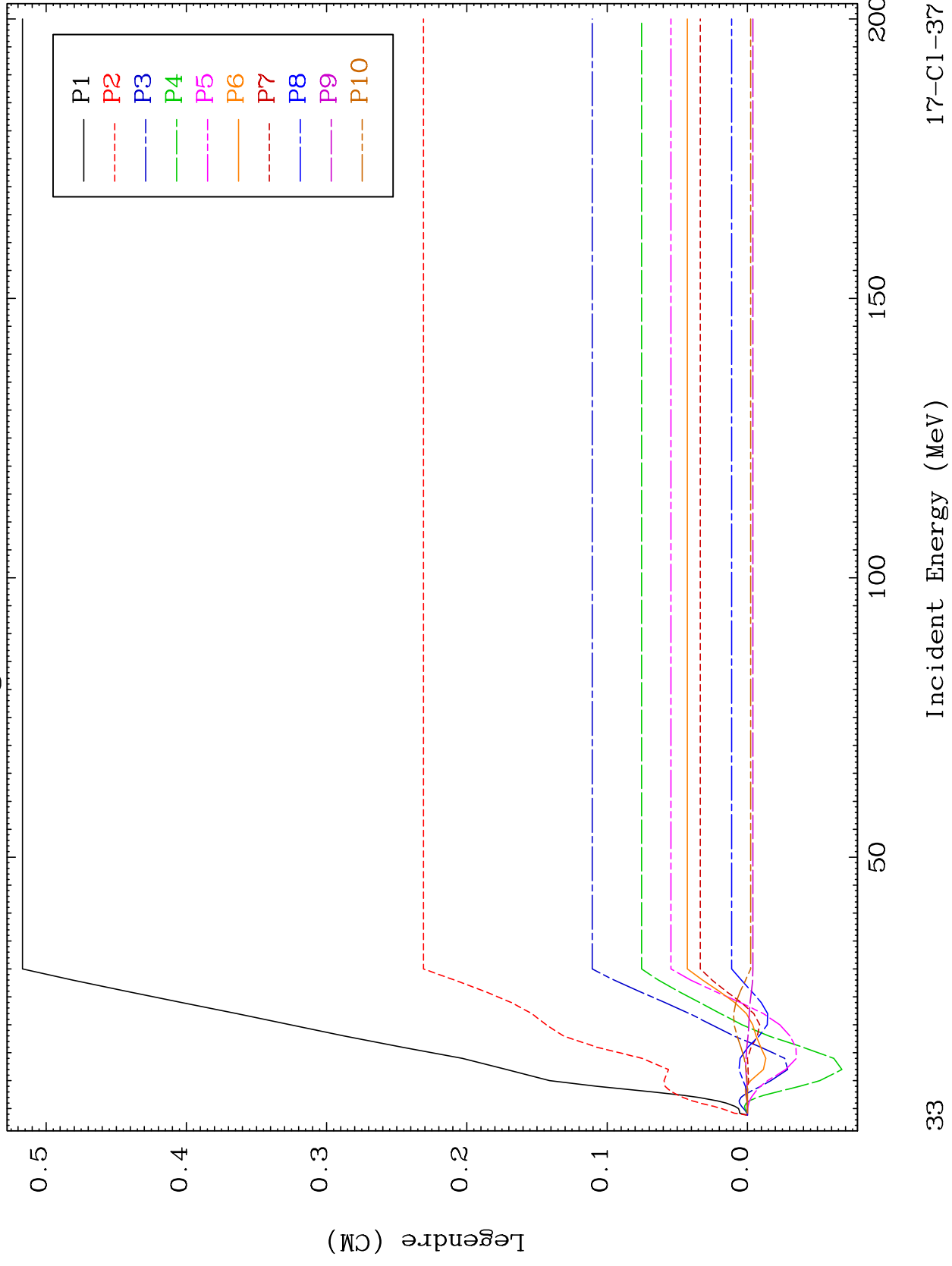


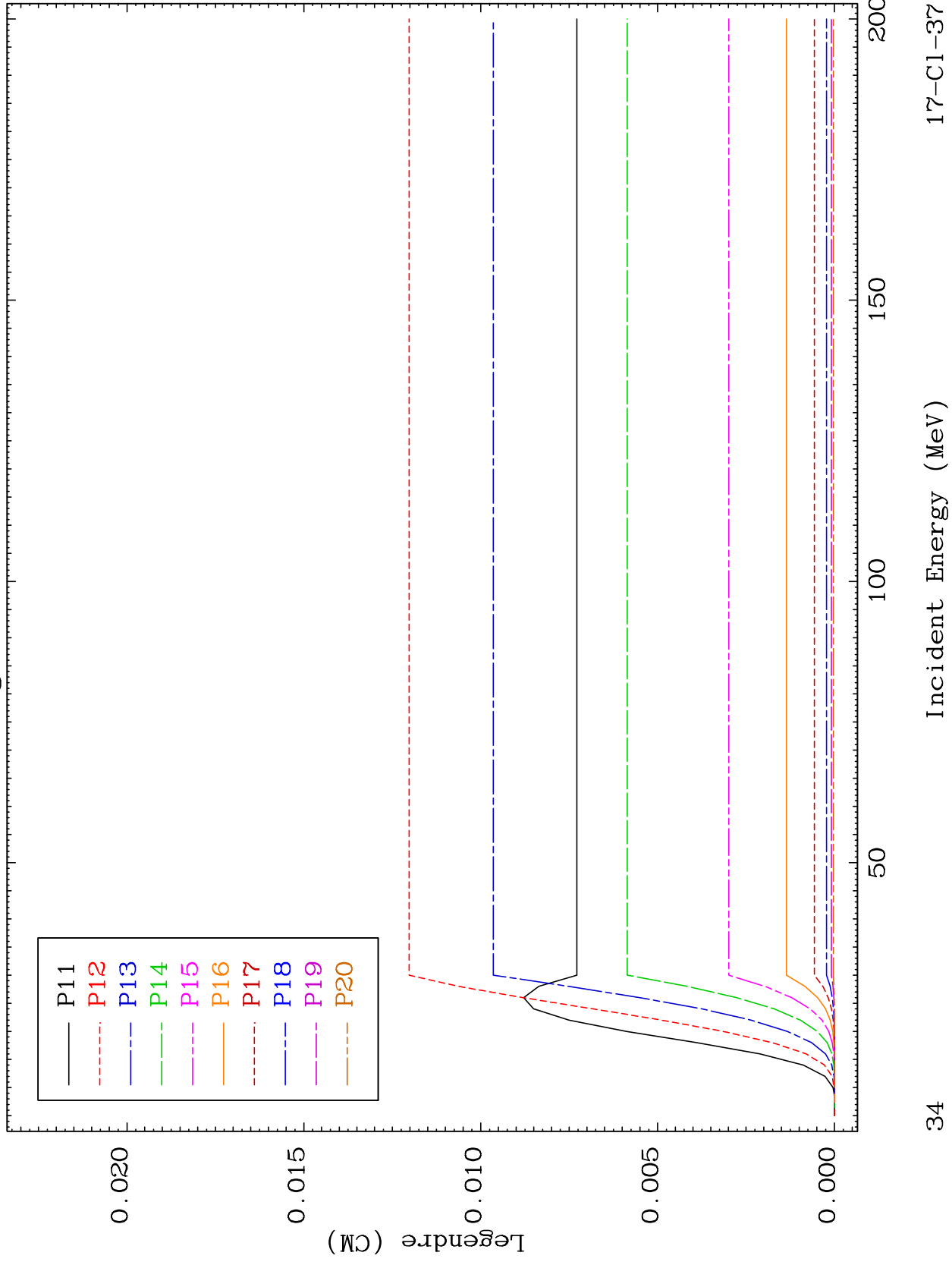








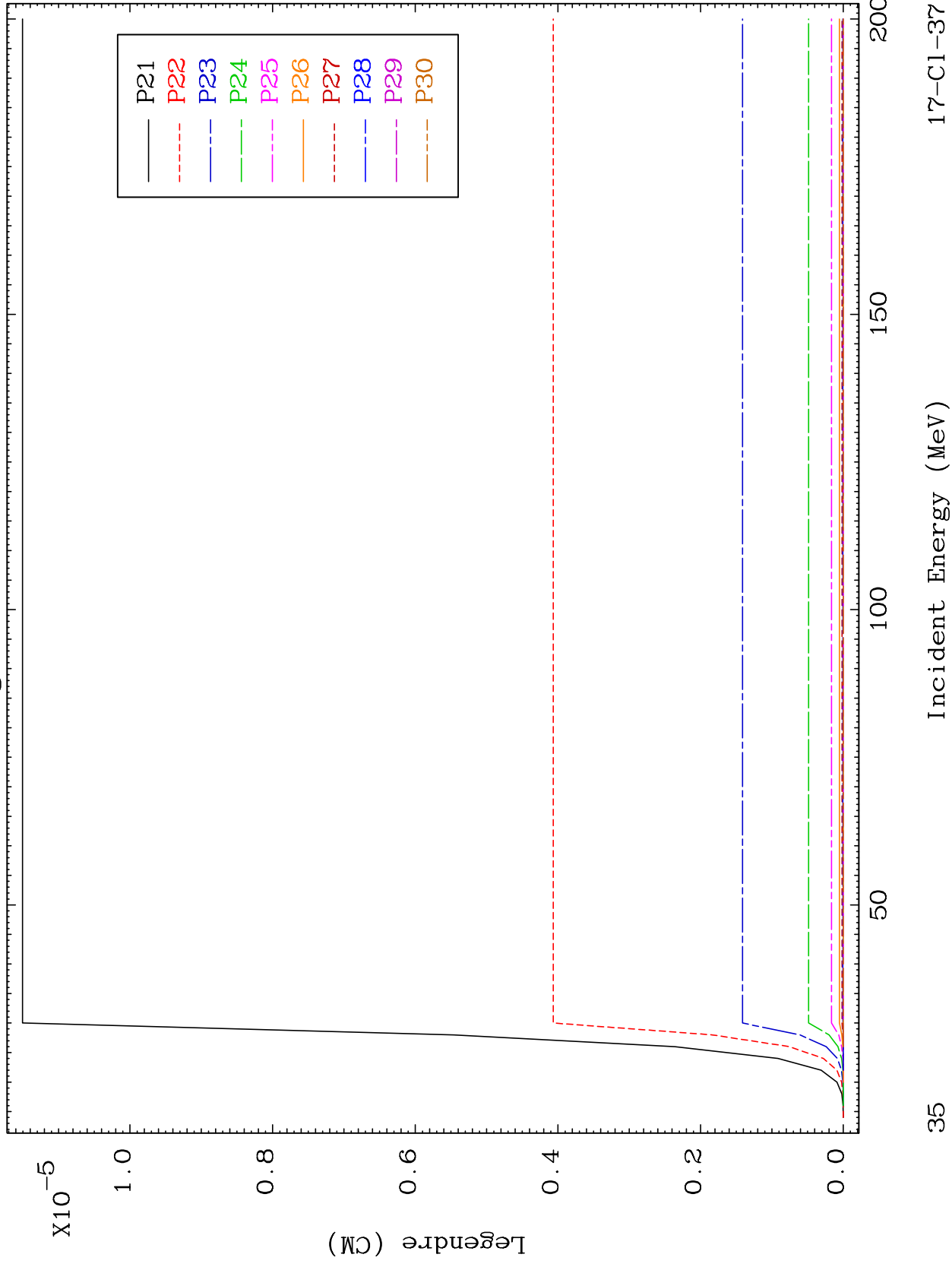




MAT 1731

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

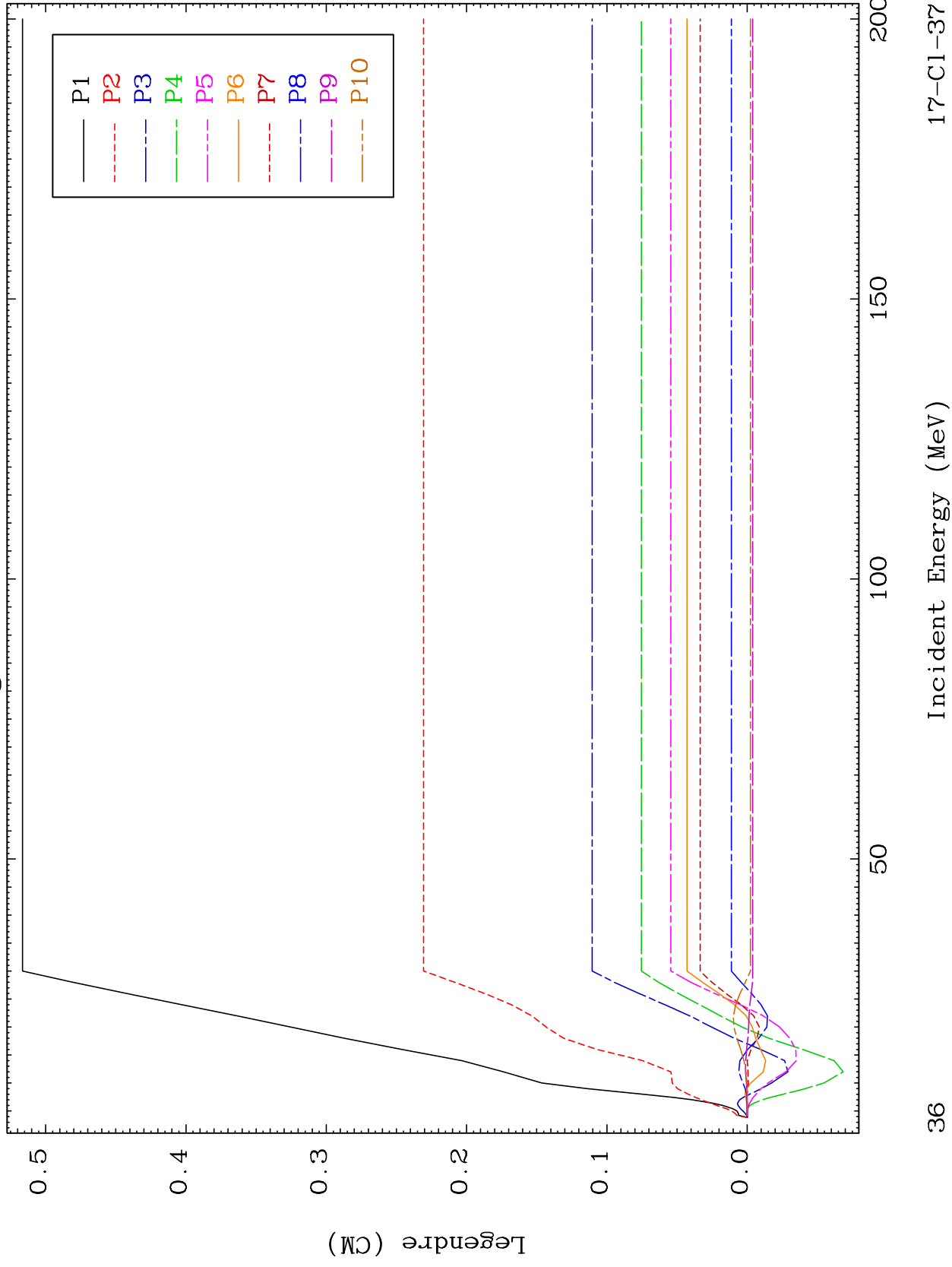
17-Cl-37



35

Incident Energy (MeV)

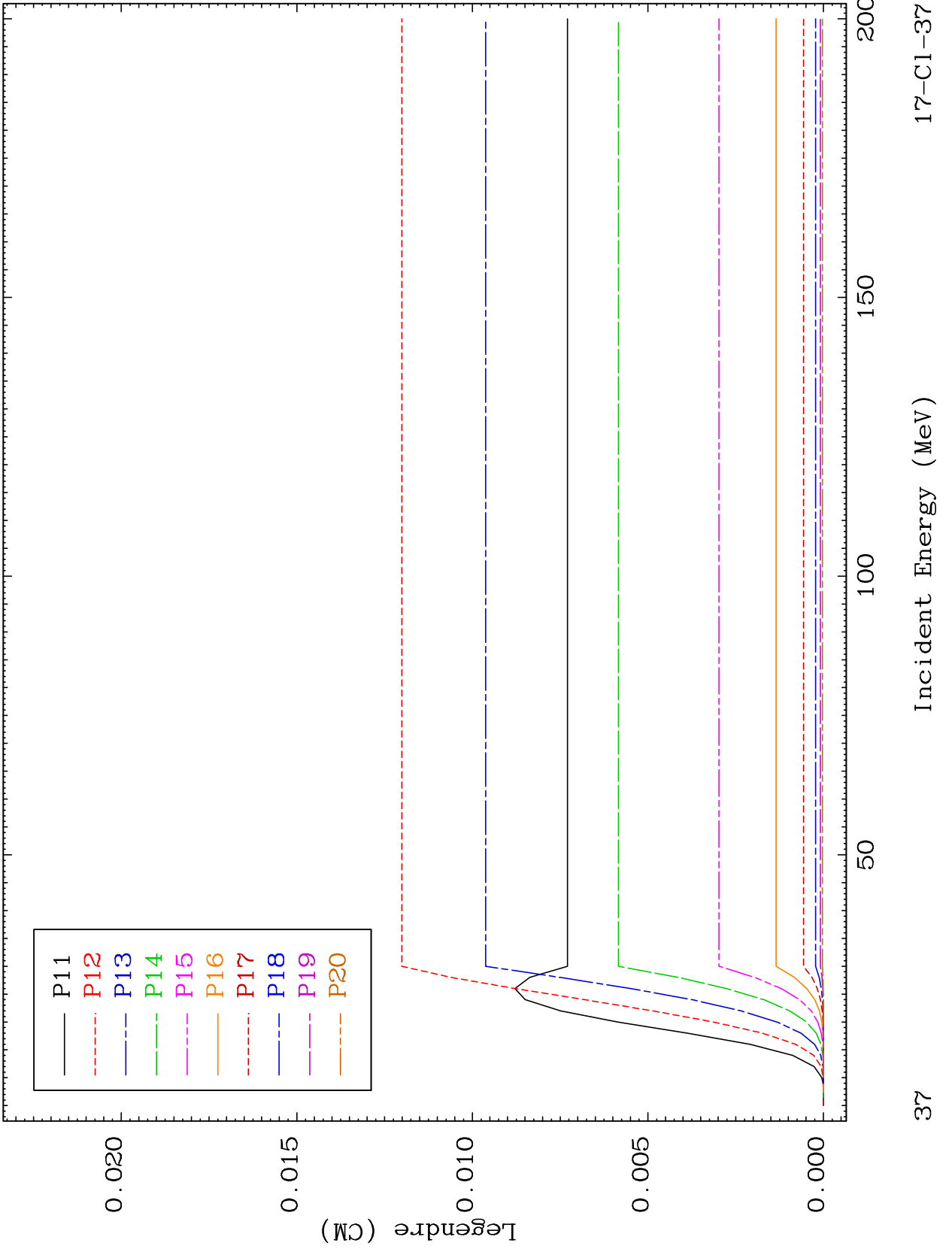
17-Cl-37



MAT 1731

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

17-Cl-37



37

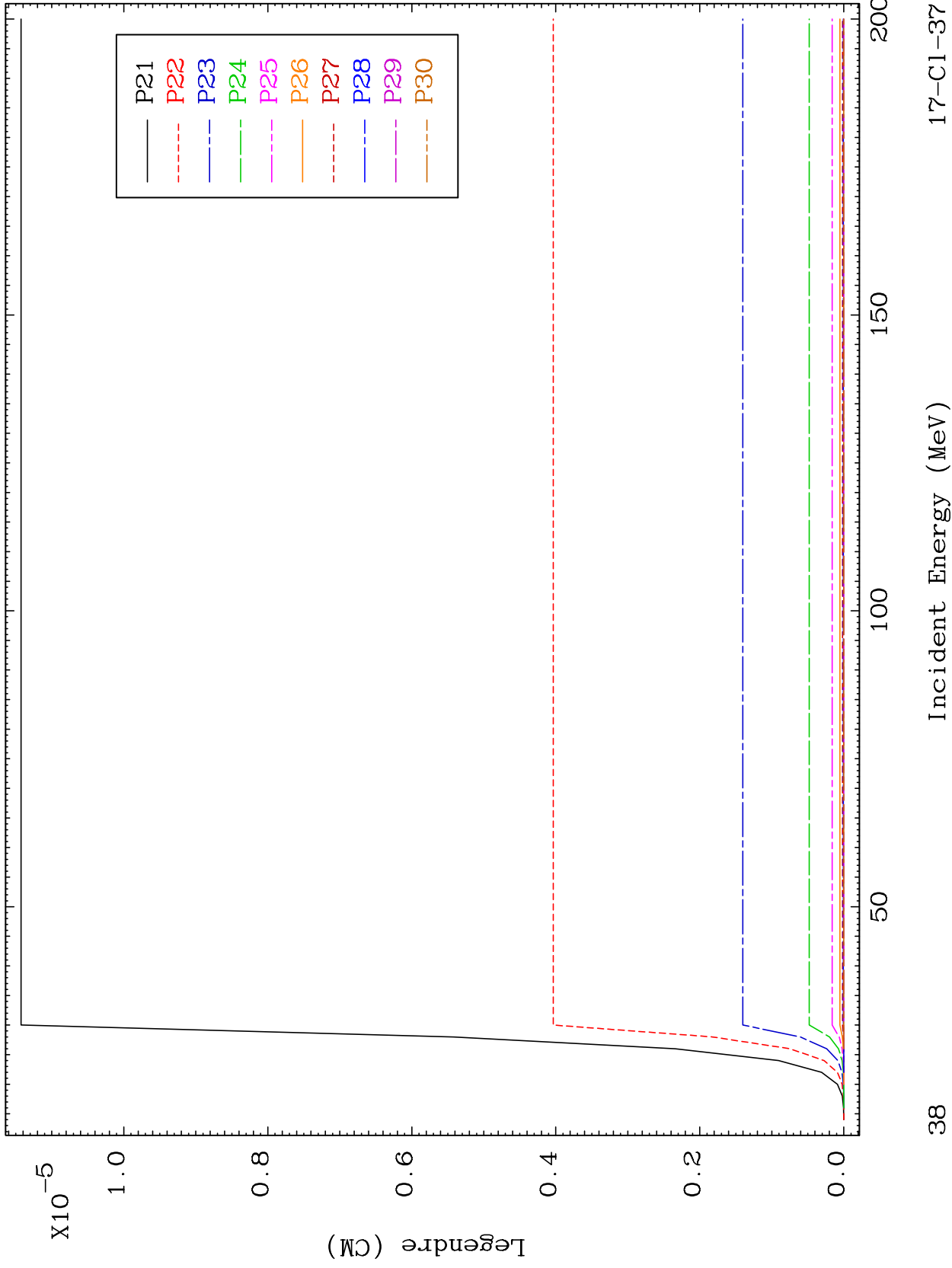
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37



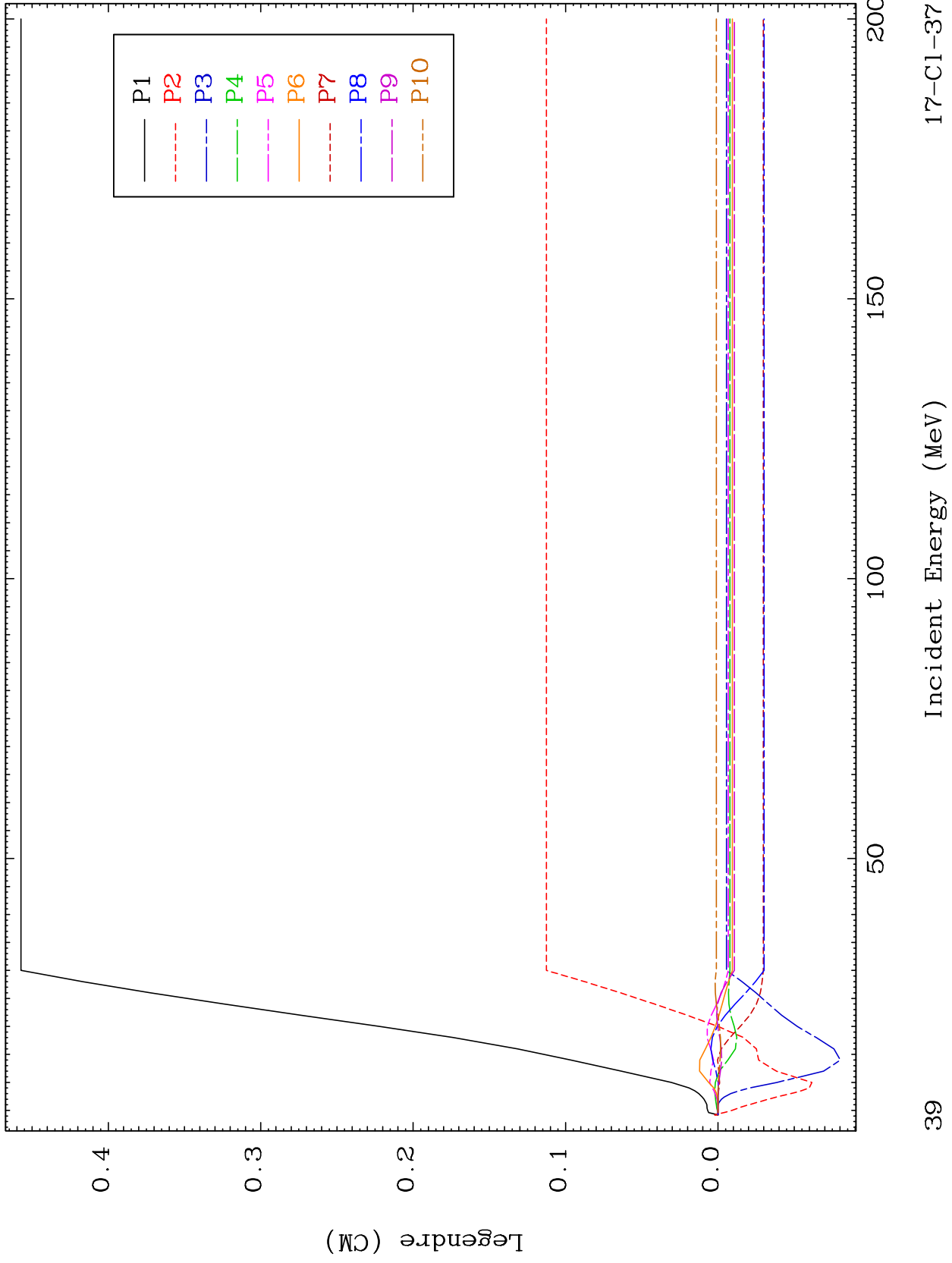
38

17-Cl-37

MAT 1731

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

17-Cl-37



39

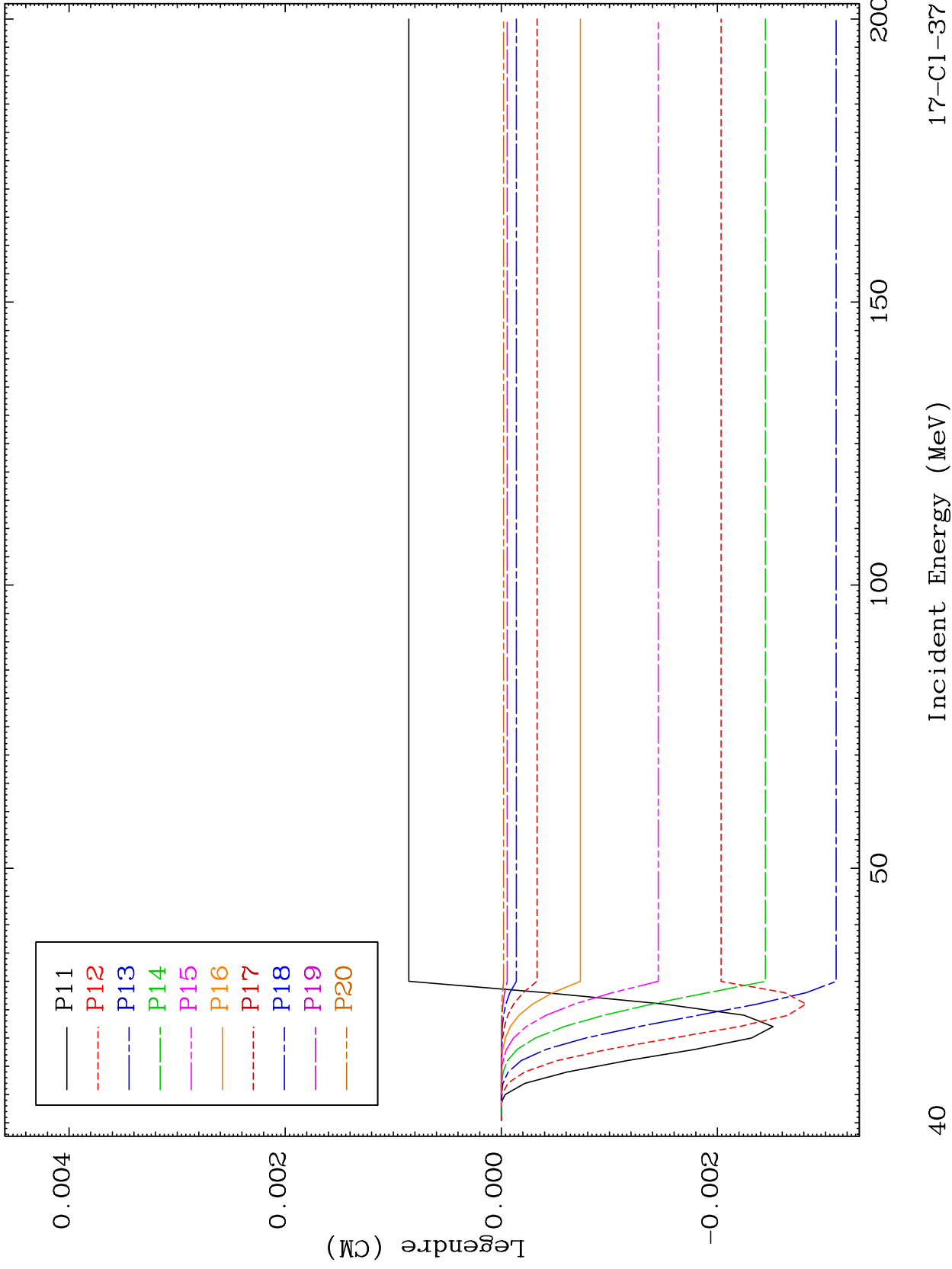
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37



40

Incident Energy (MeV)

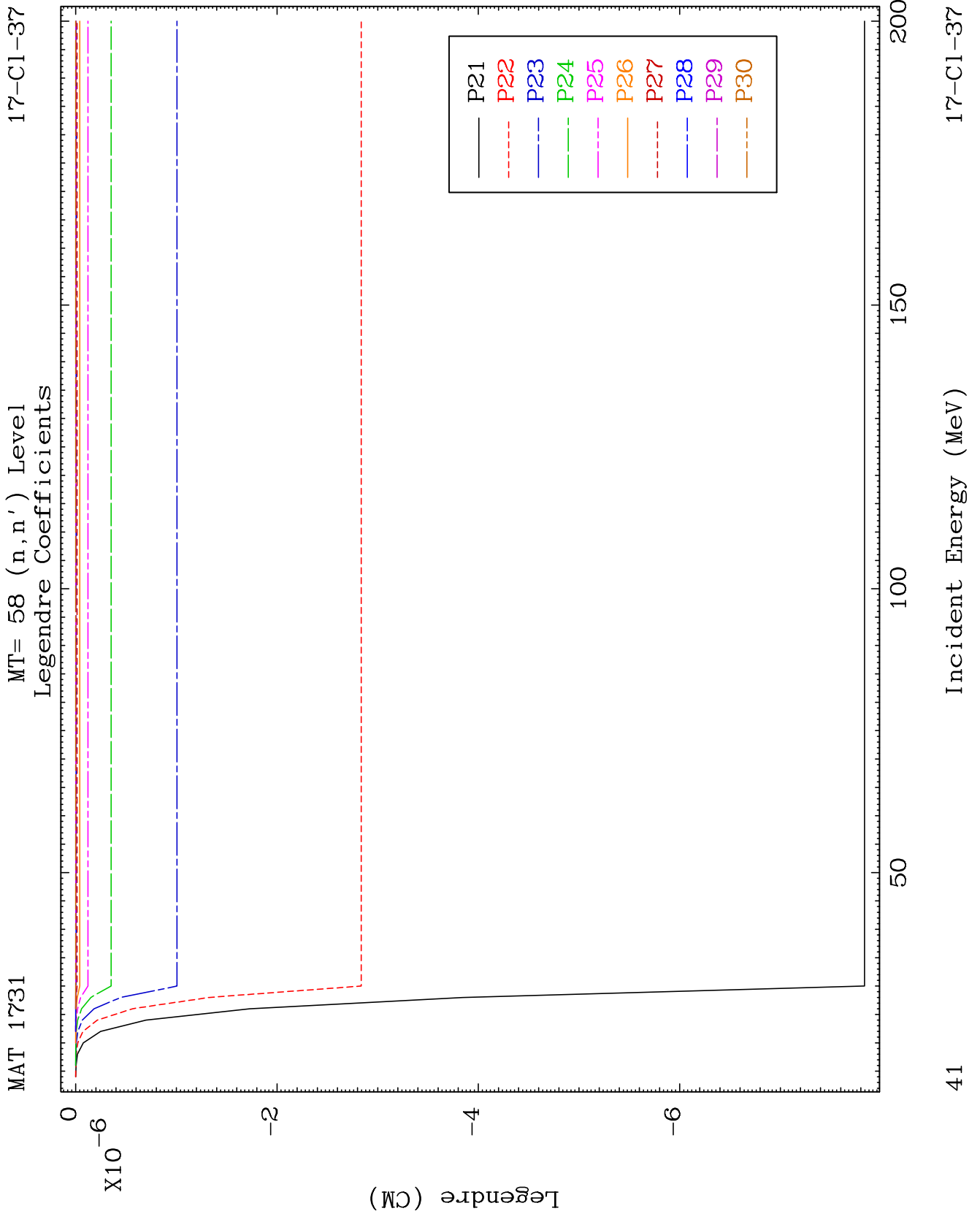
50

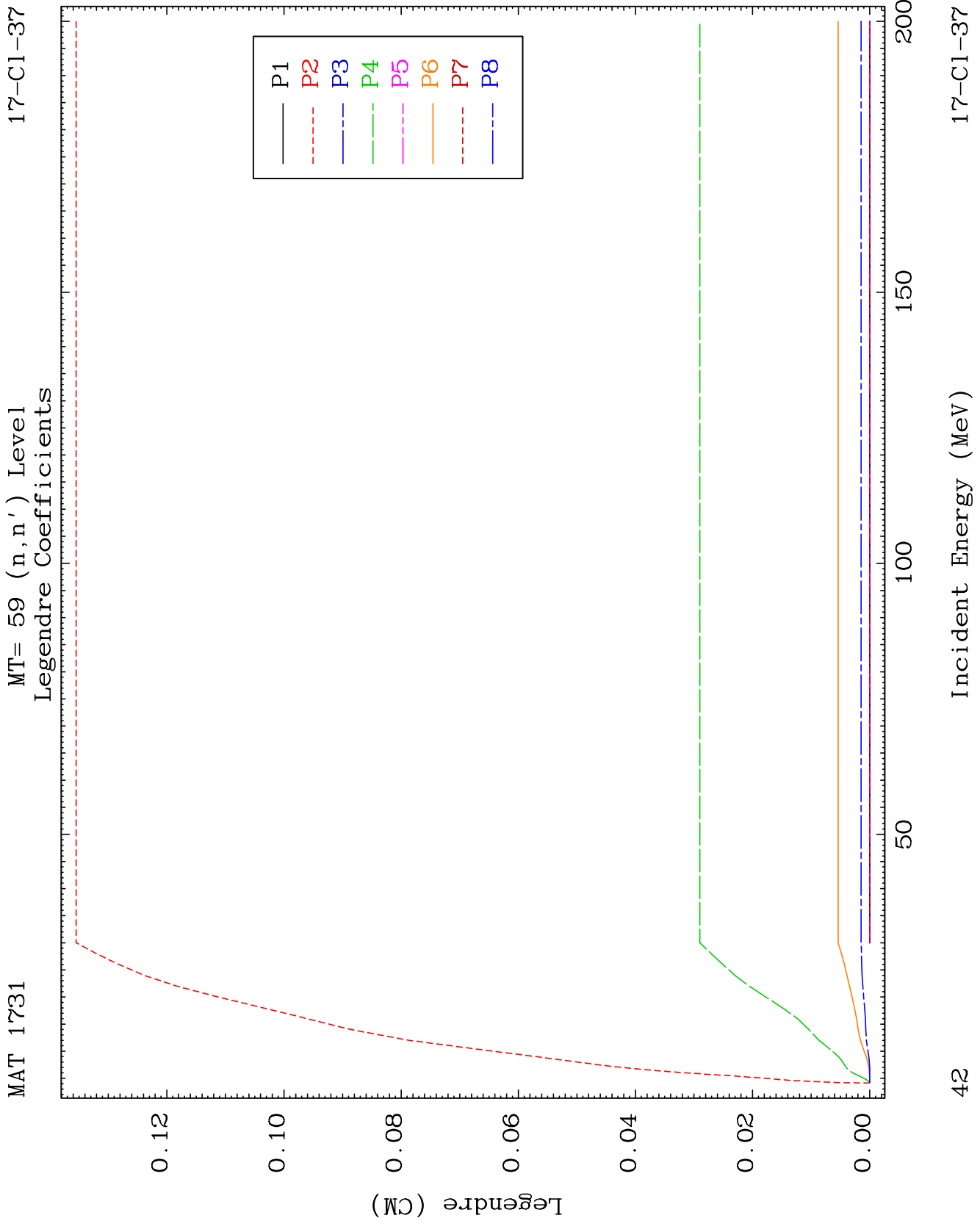
100

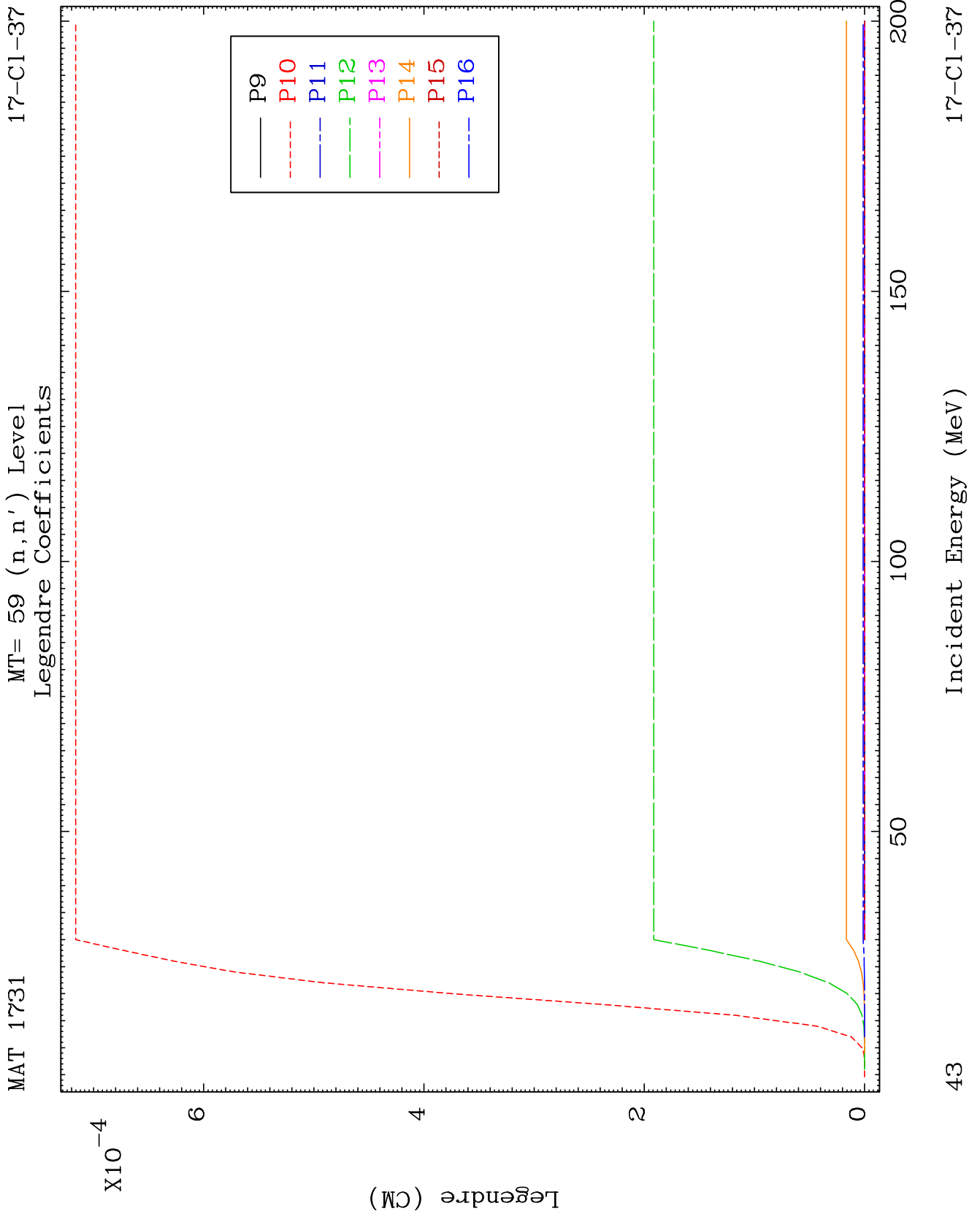
150

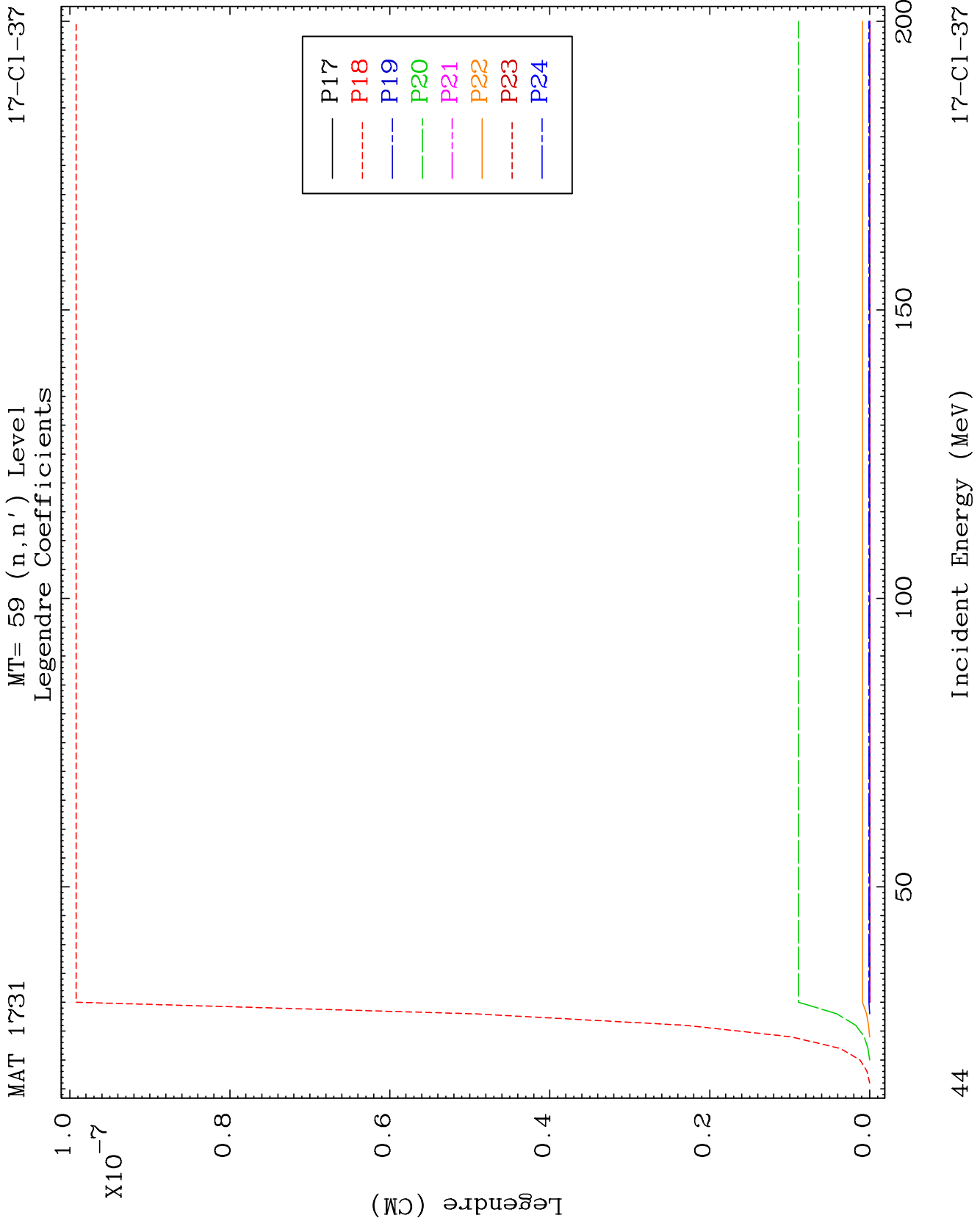
200

17-Cl-37







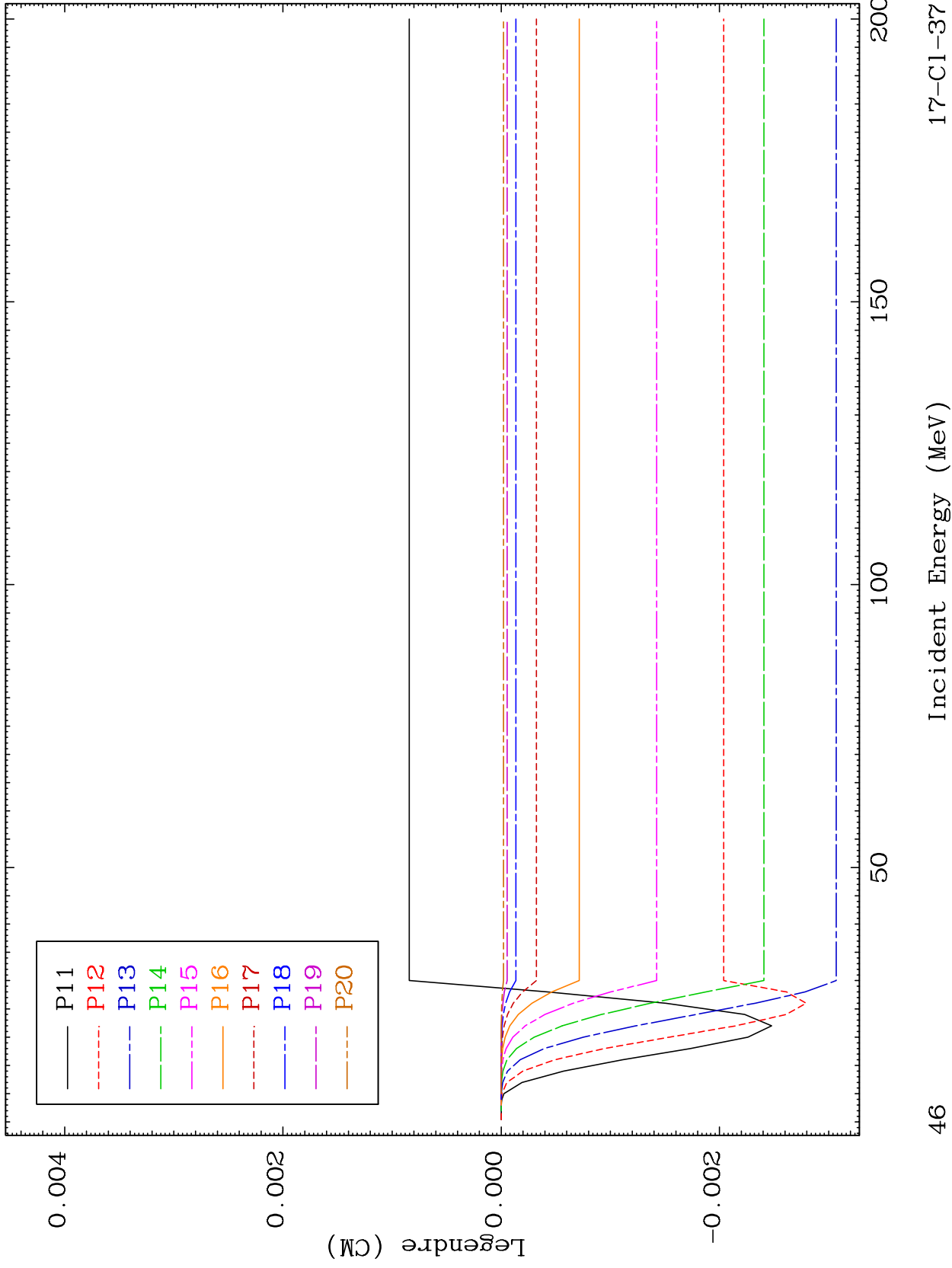




MAT 1731

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

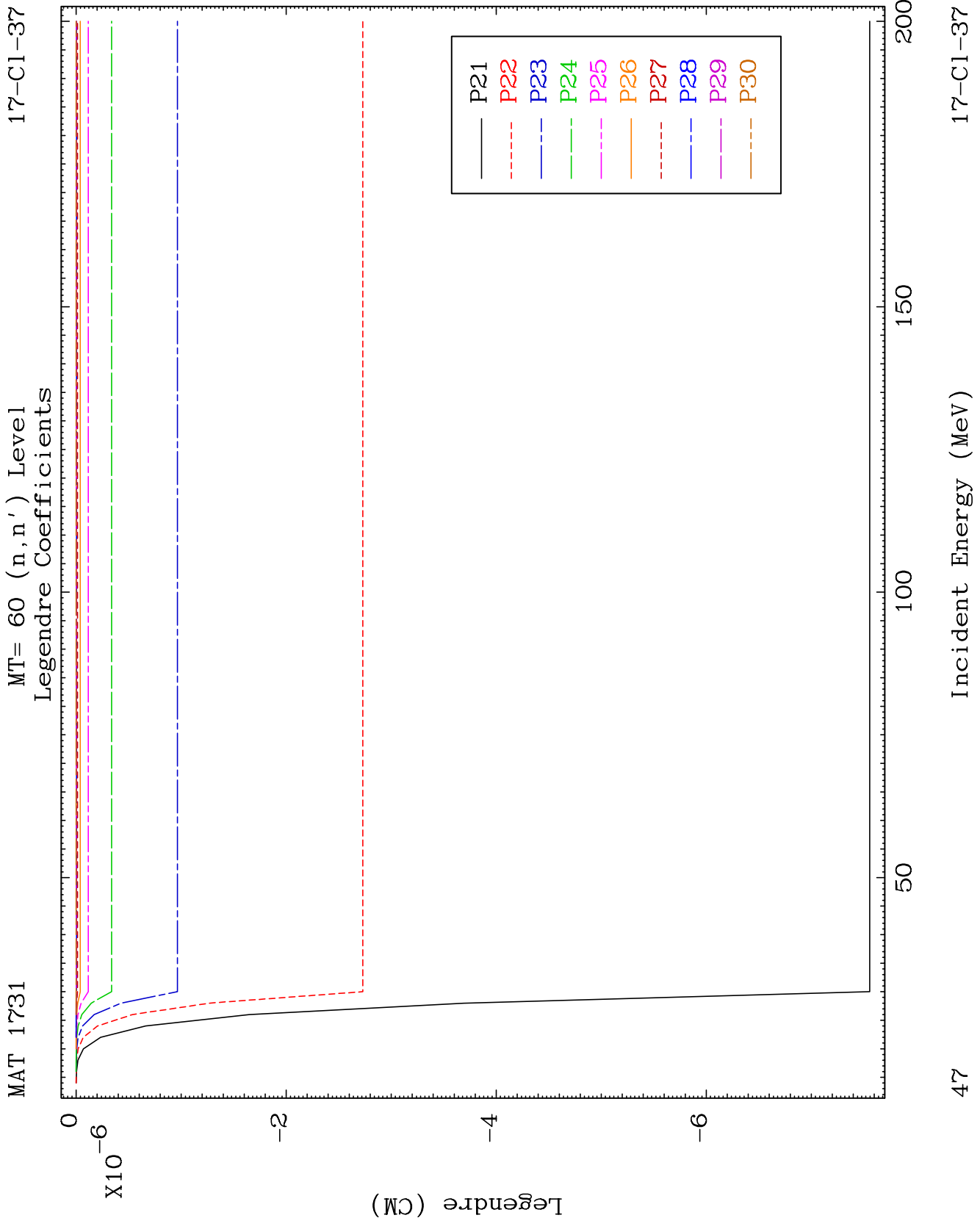
17-Cl-37



46

Incident Energy (MeV)

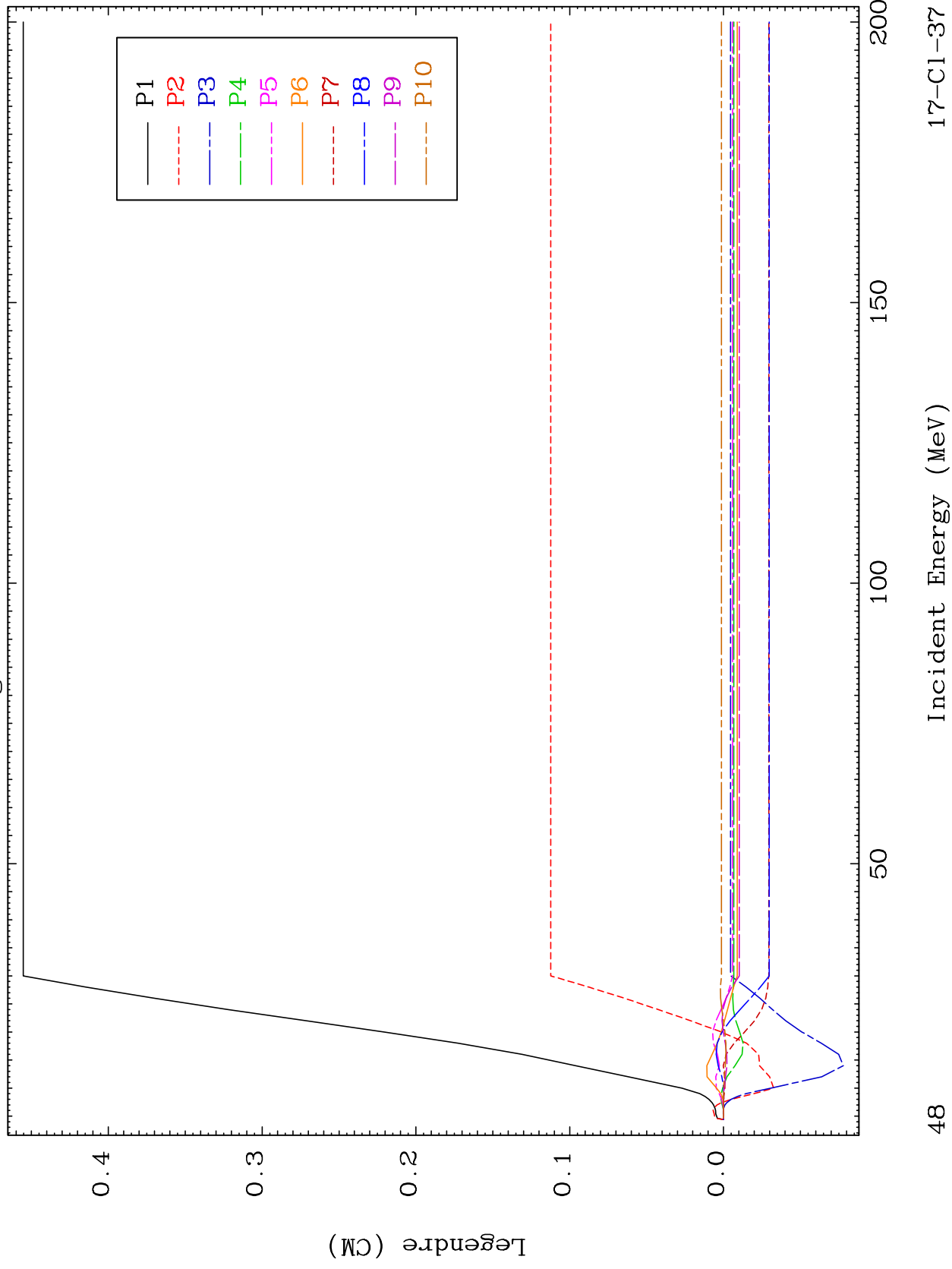
17-Cl-37



MAT 1731

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

17-Cl-37



48

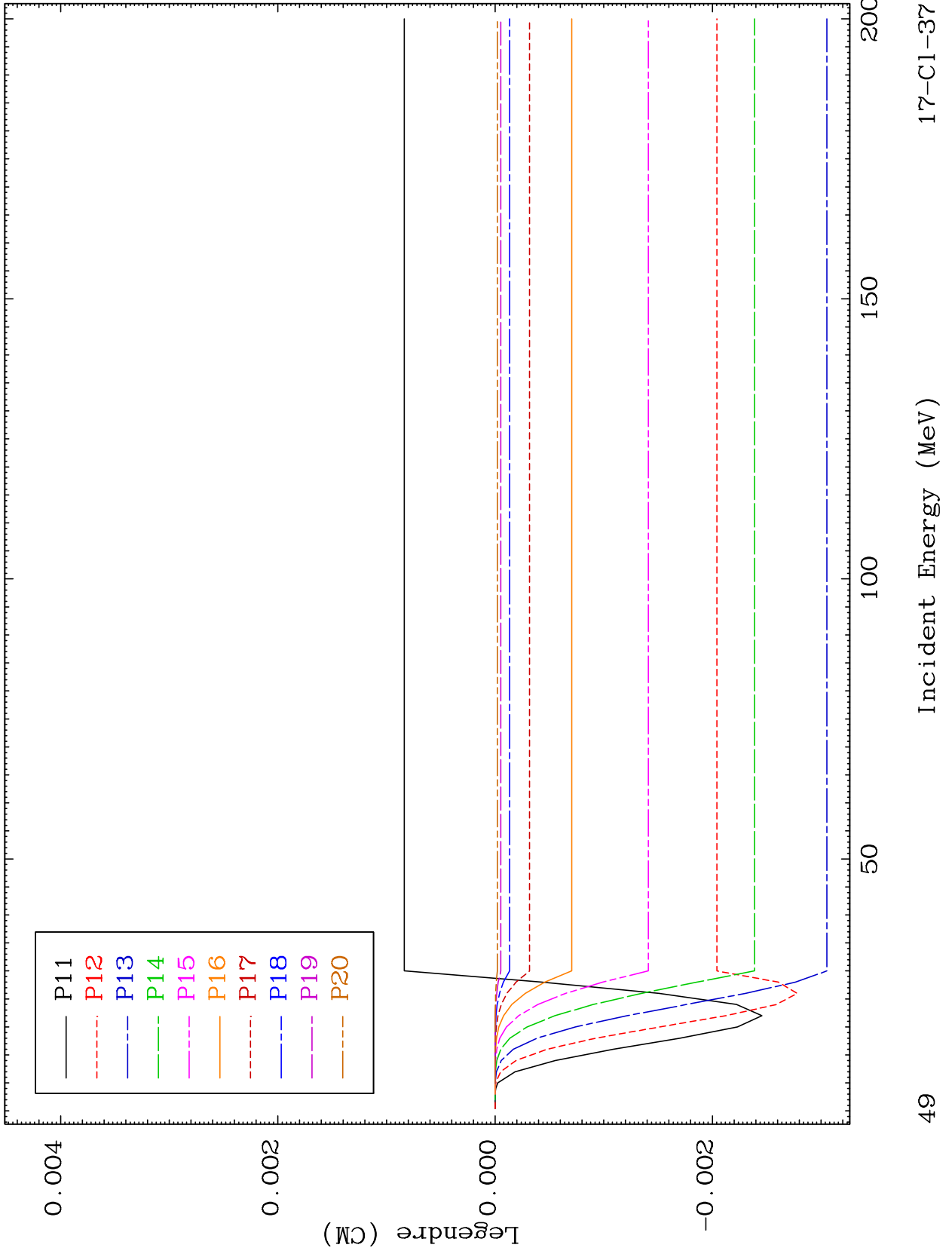
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

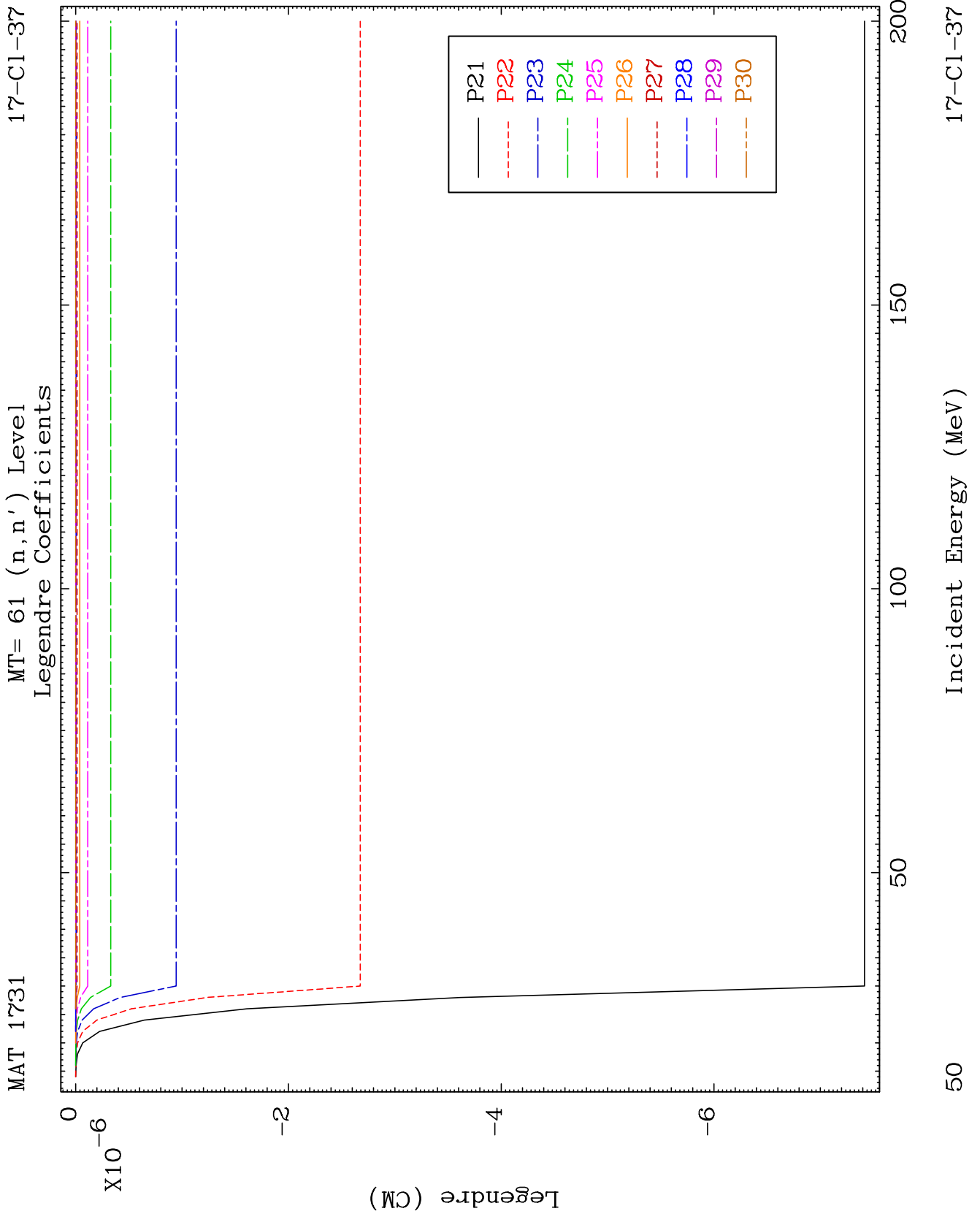
17-Cl-37



49

Incident Energy (MeV)

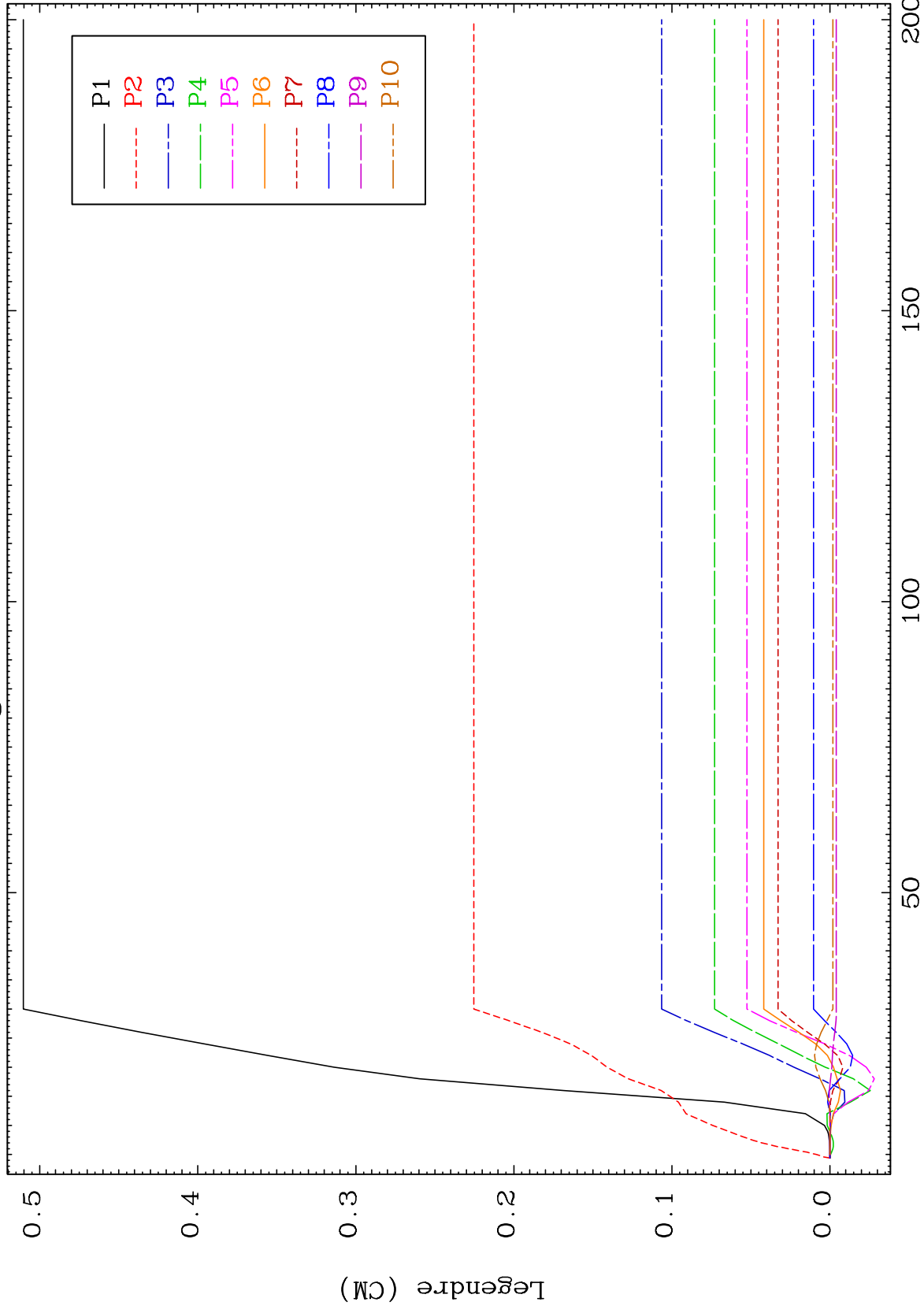
17-Cl-37



MAT 1731

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

17-Cl-37



51

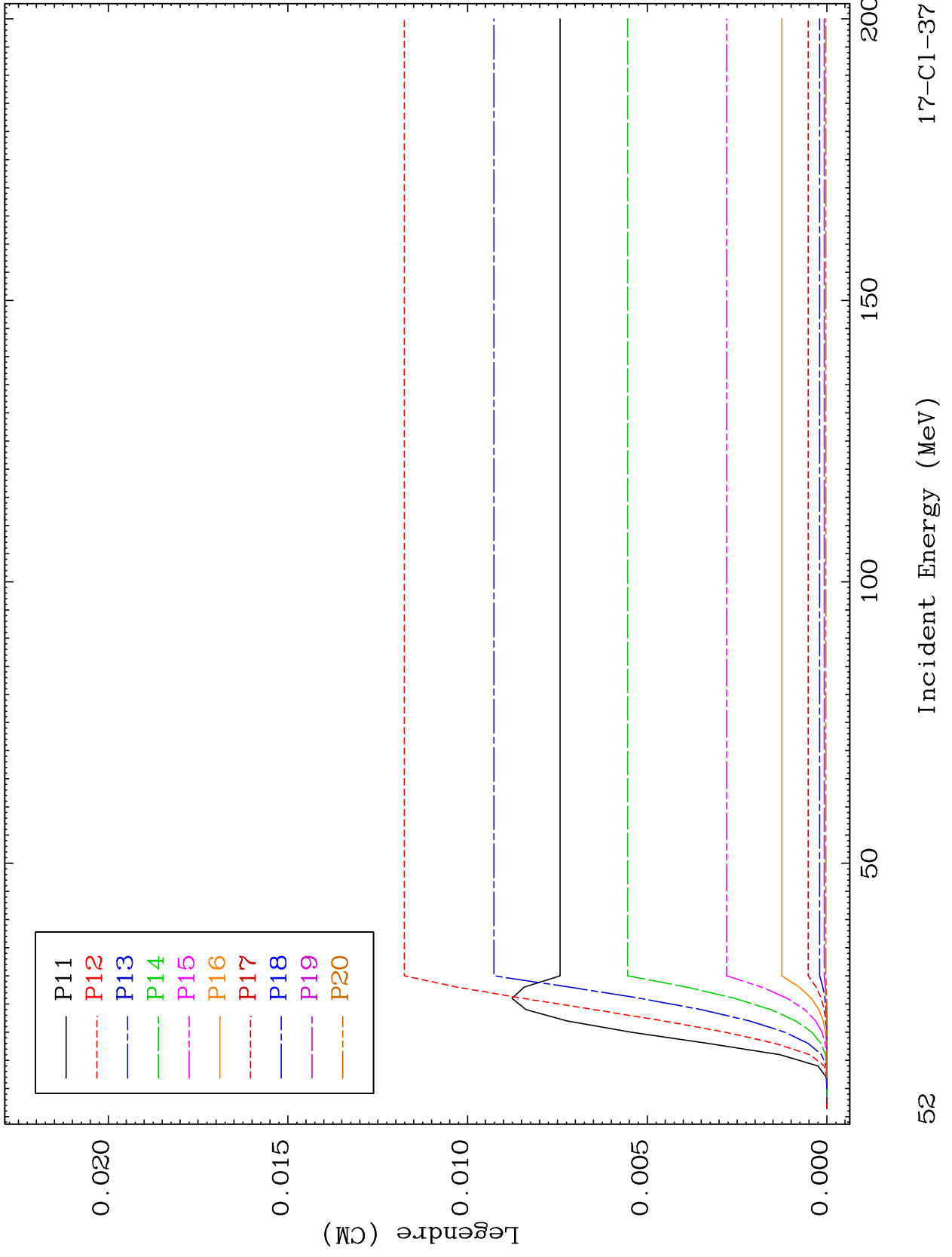
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37



52

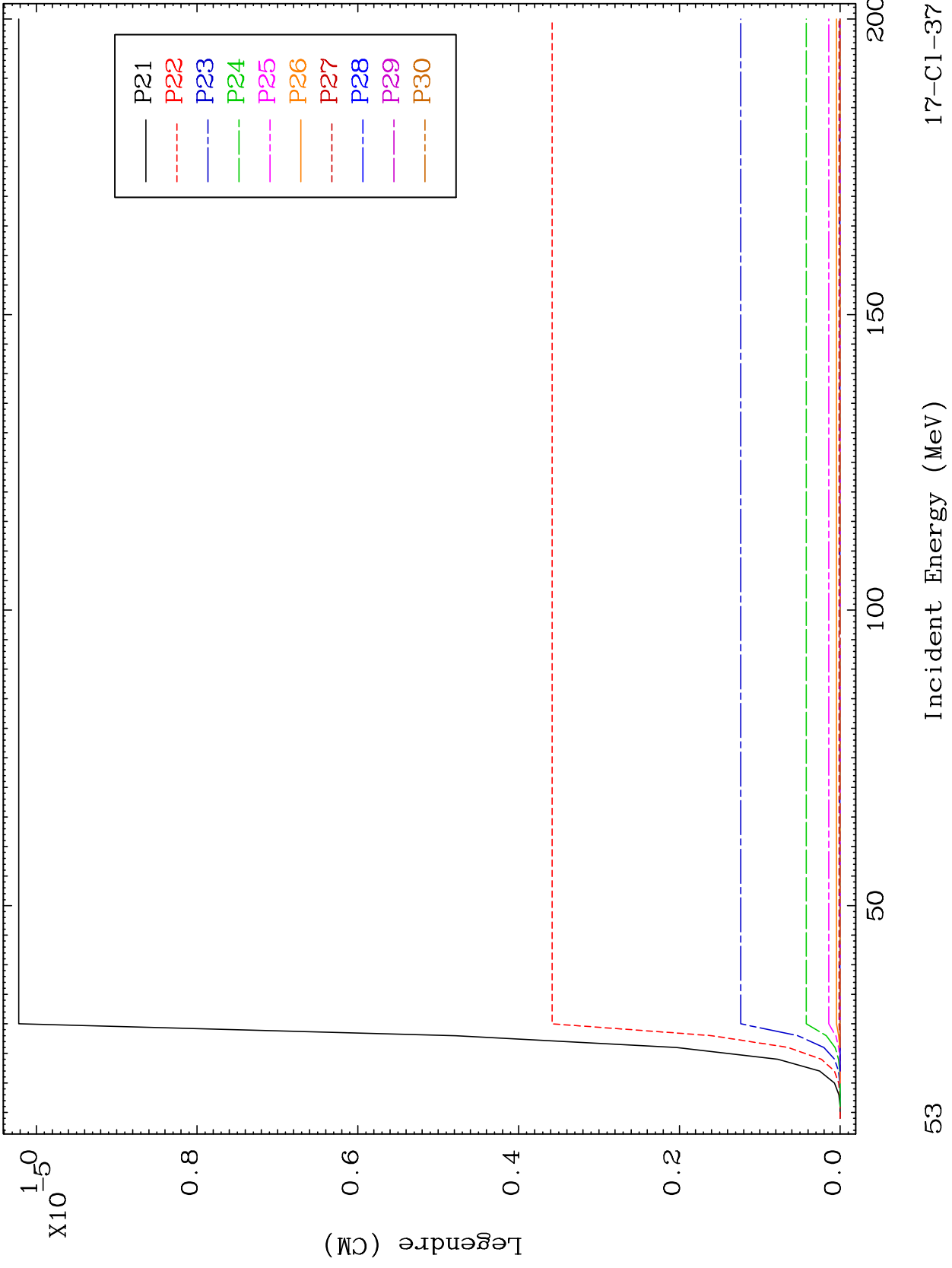
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

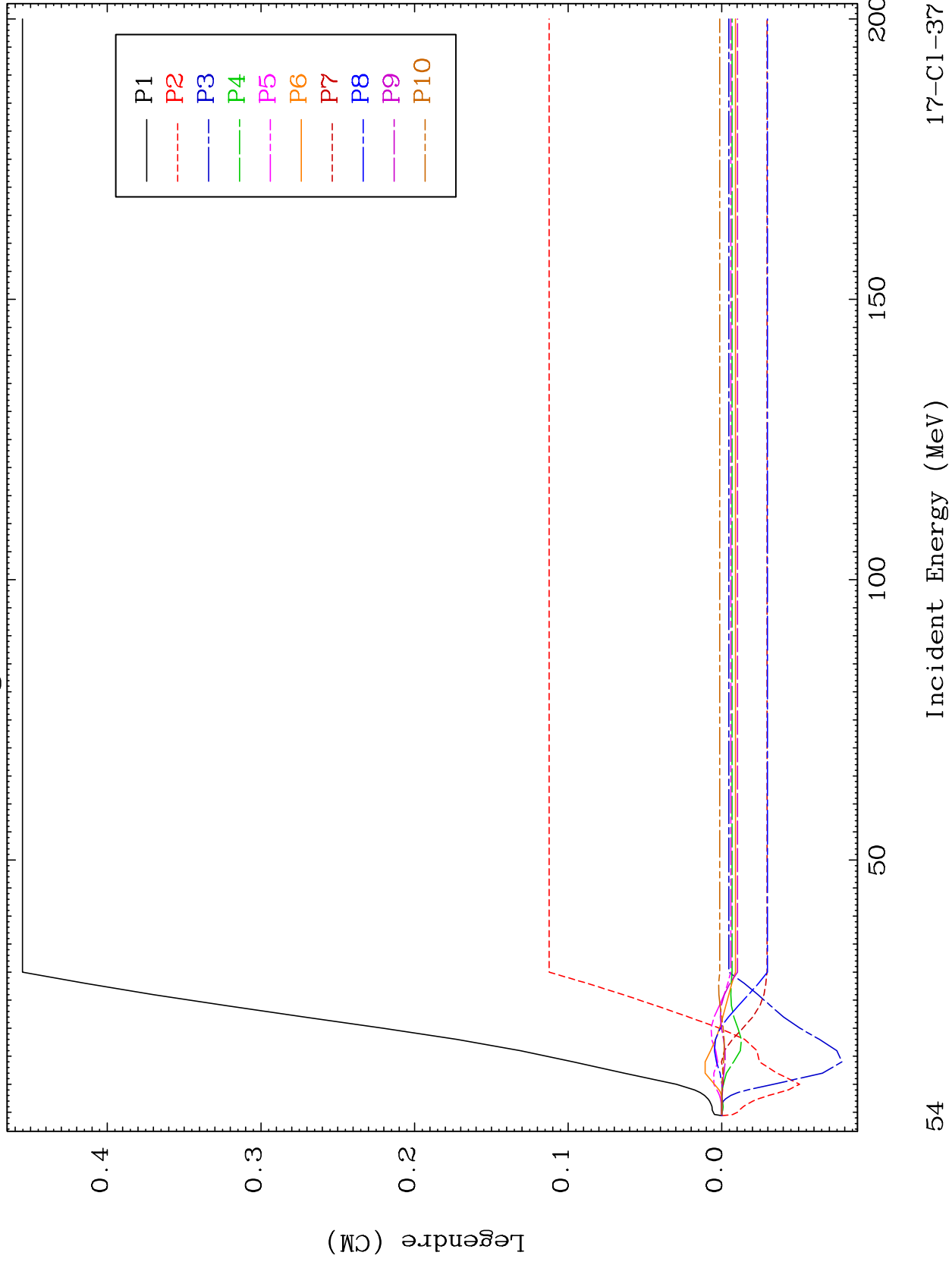
17-Cl-37



MAT 1731

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

17-Cl-37



54

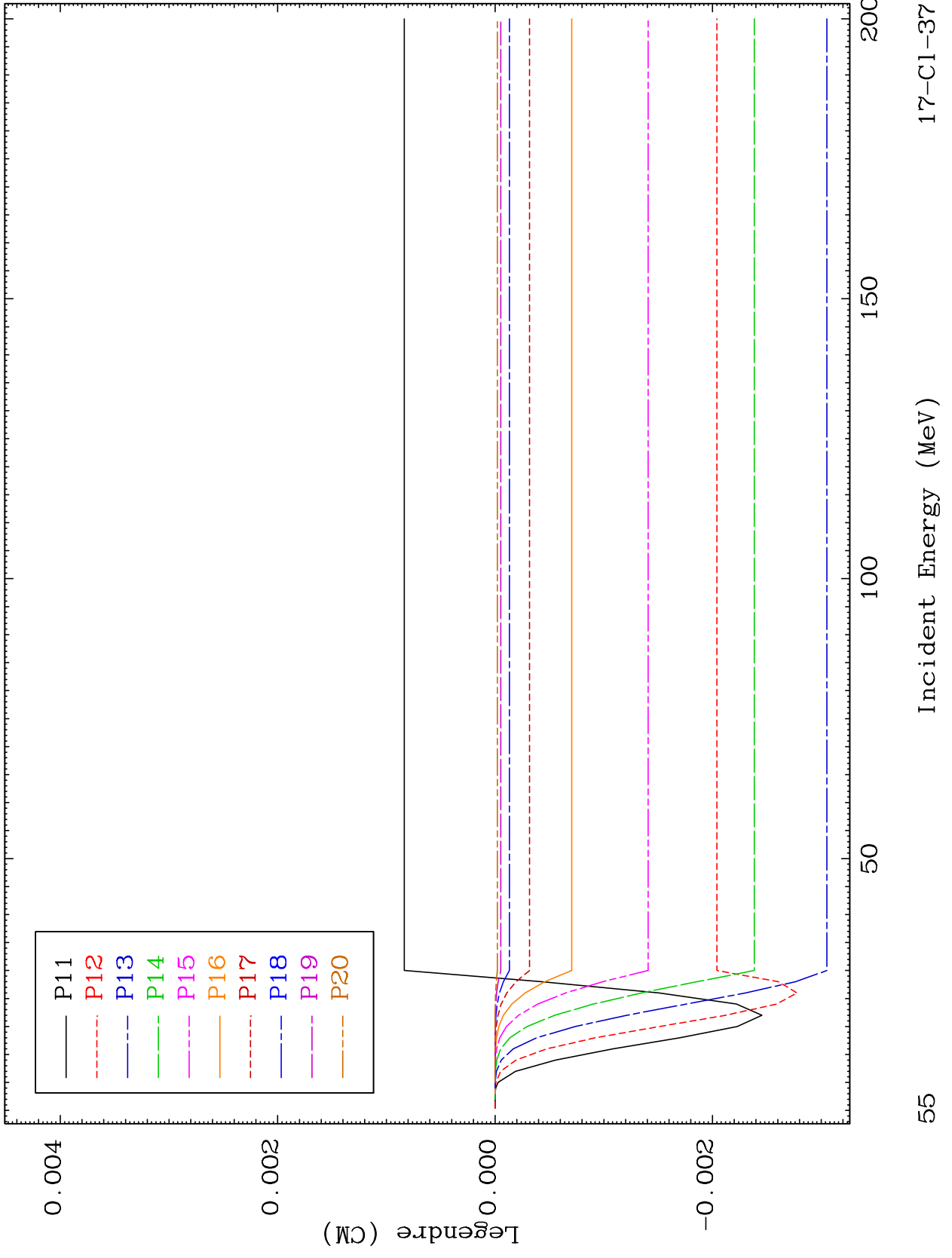
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

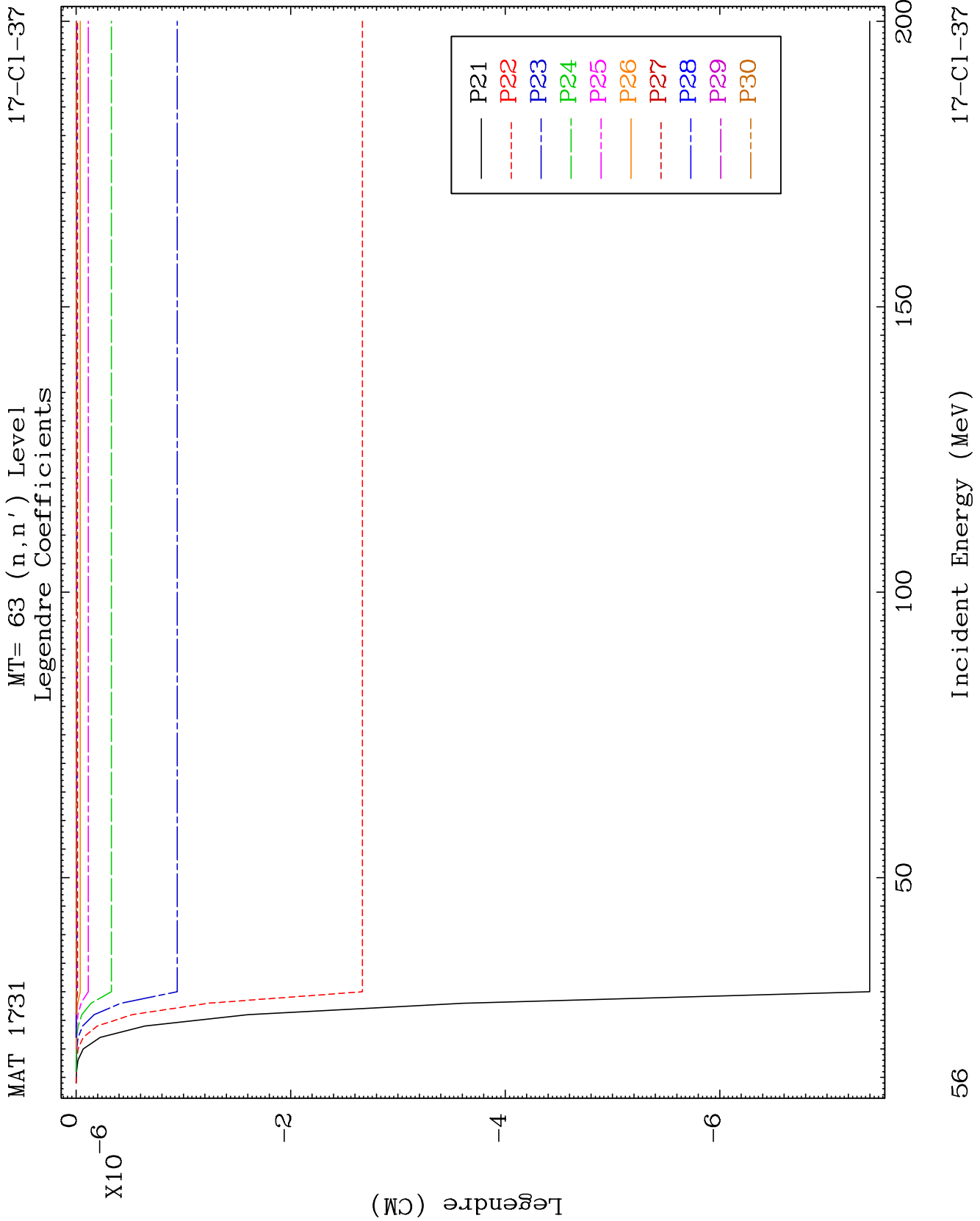
17-Cl-37

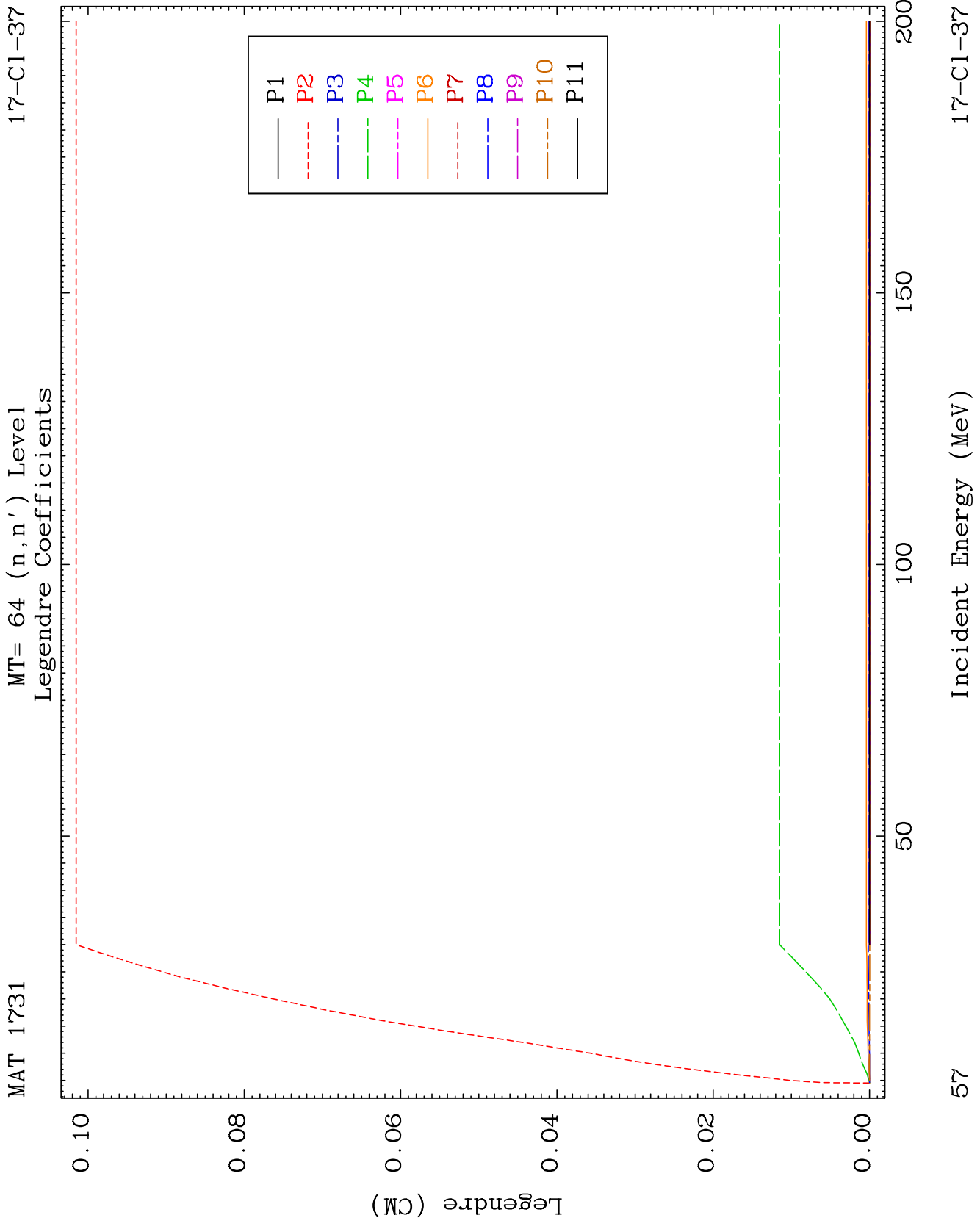


55

Incident Energy (MeV)

17-Cl-37

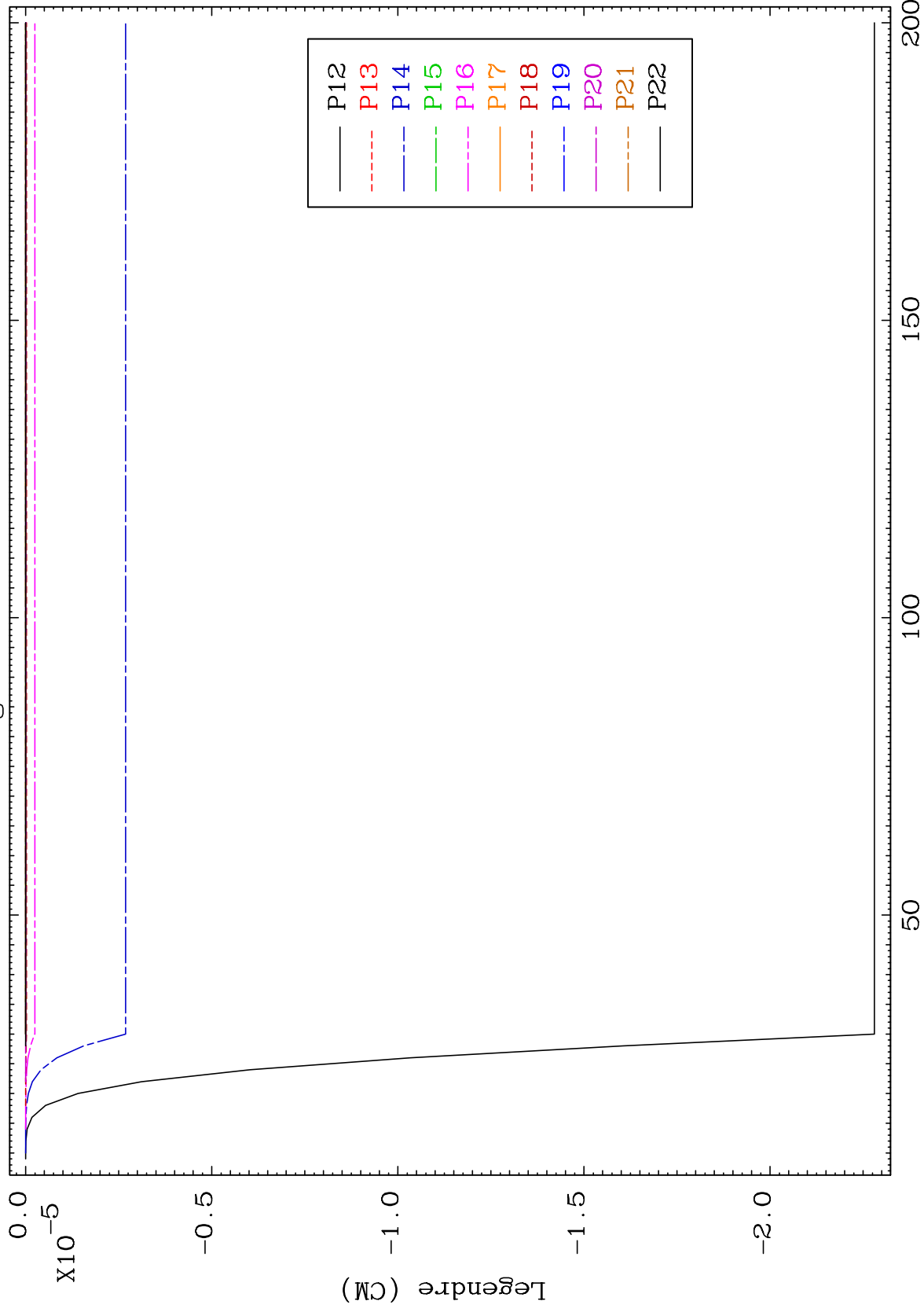




MAT 1731

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

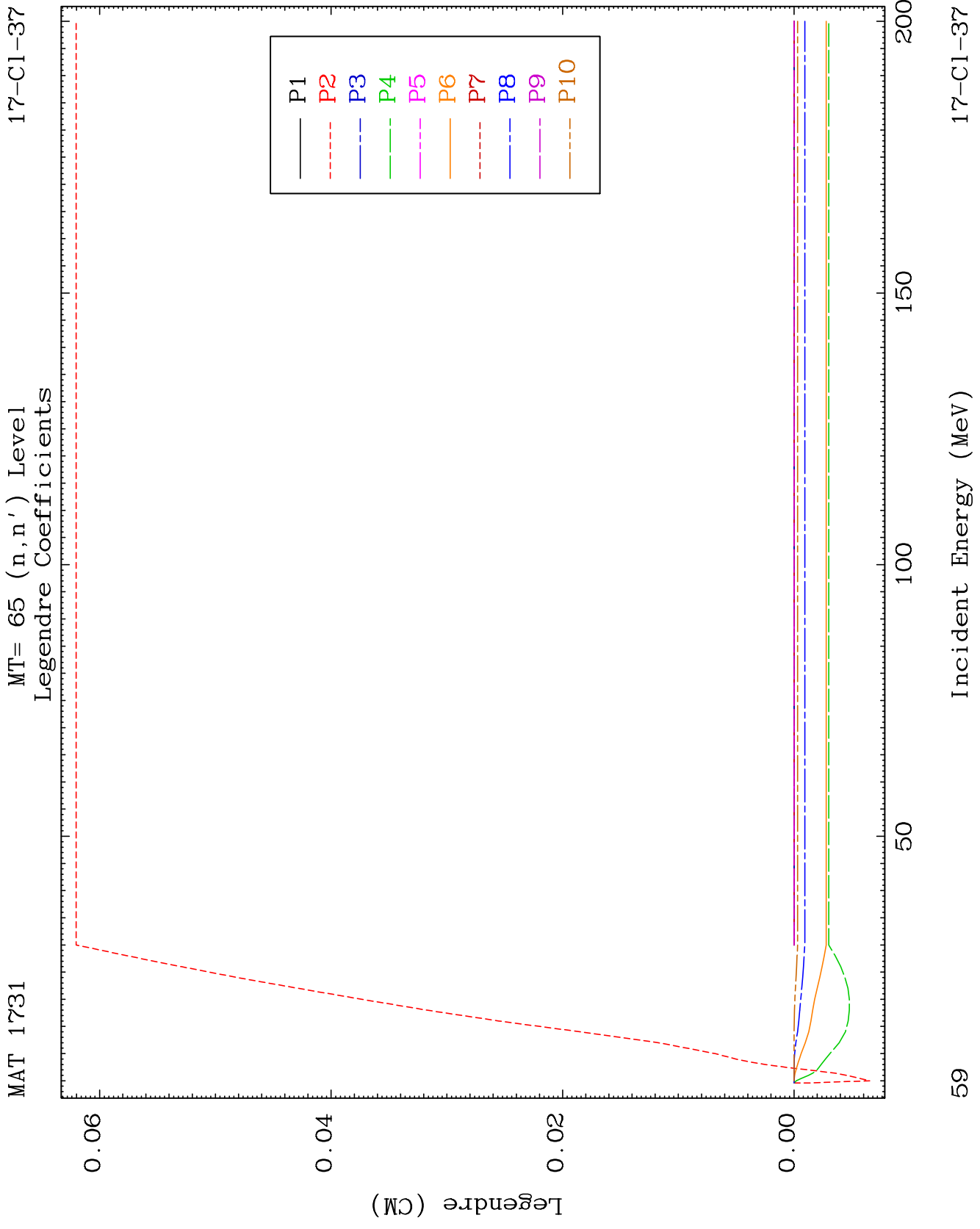
17-Cl-37



58

Incident Energy (MeV)

17-Cl-37

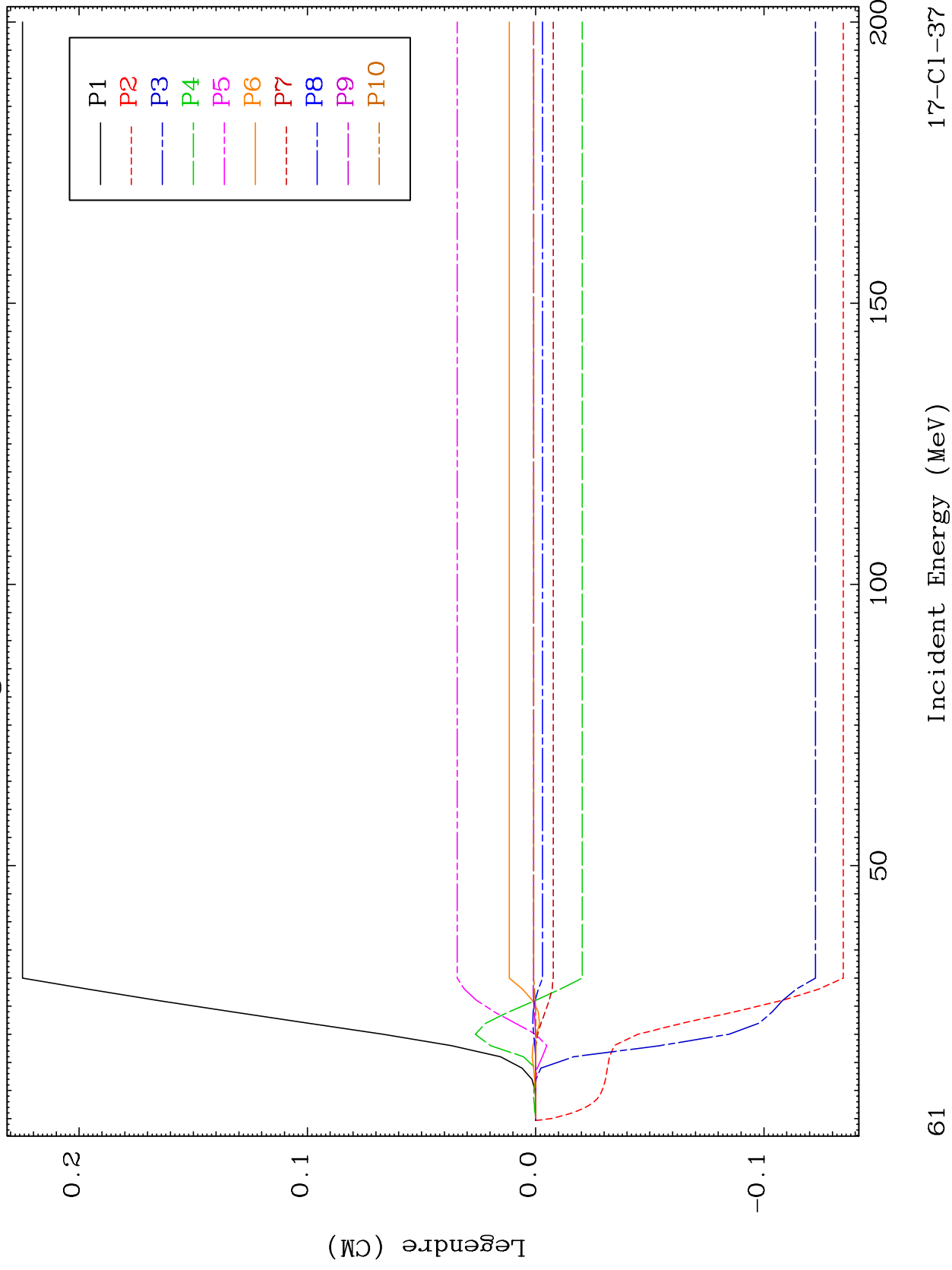




MAT 1731

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

17-Cl-37



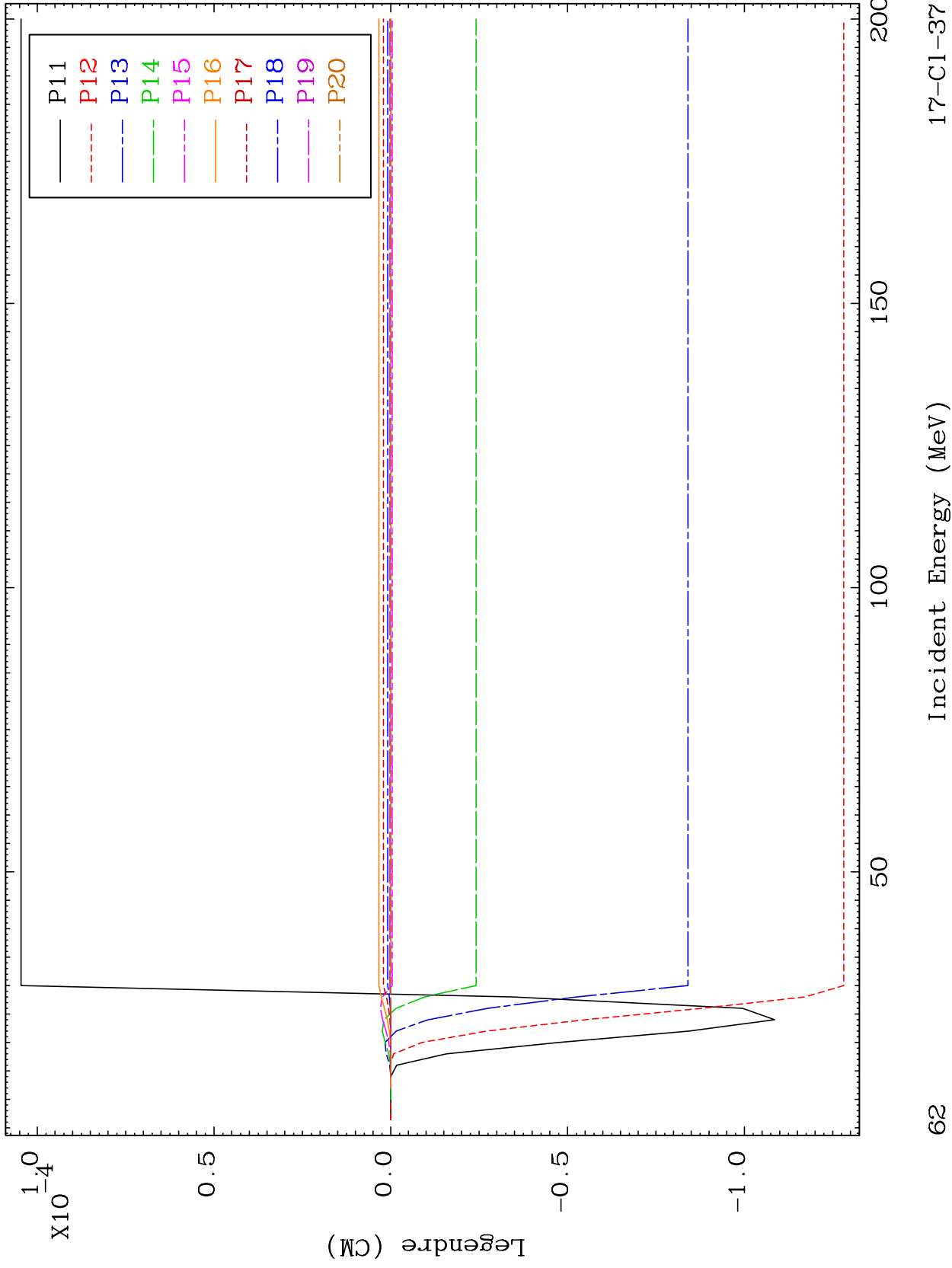
61

17-Cl-37

MAT 1731

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

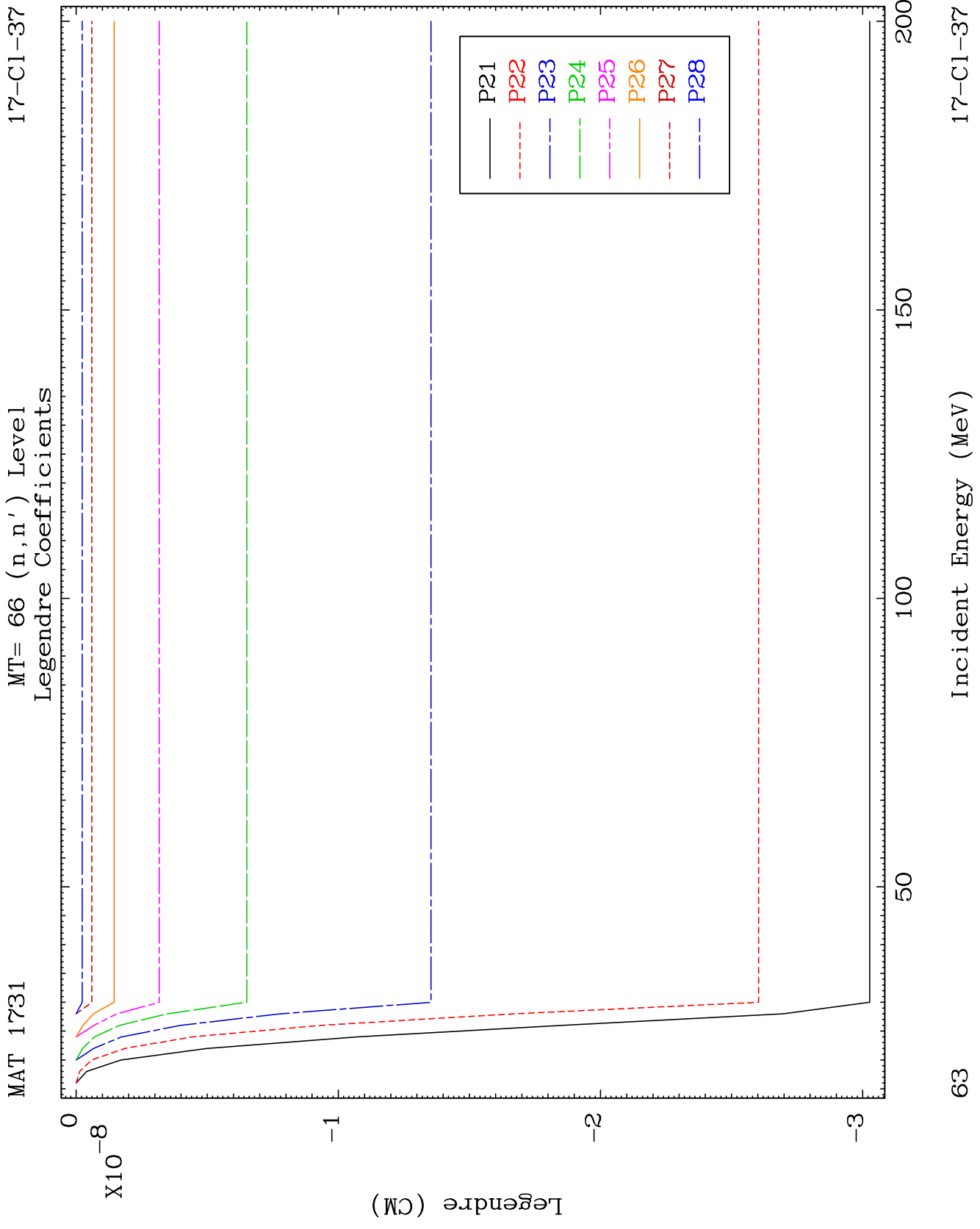
17-Cl-37



62

Incident Energy (MeV)

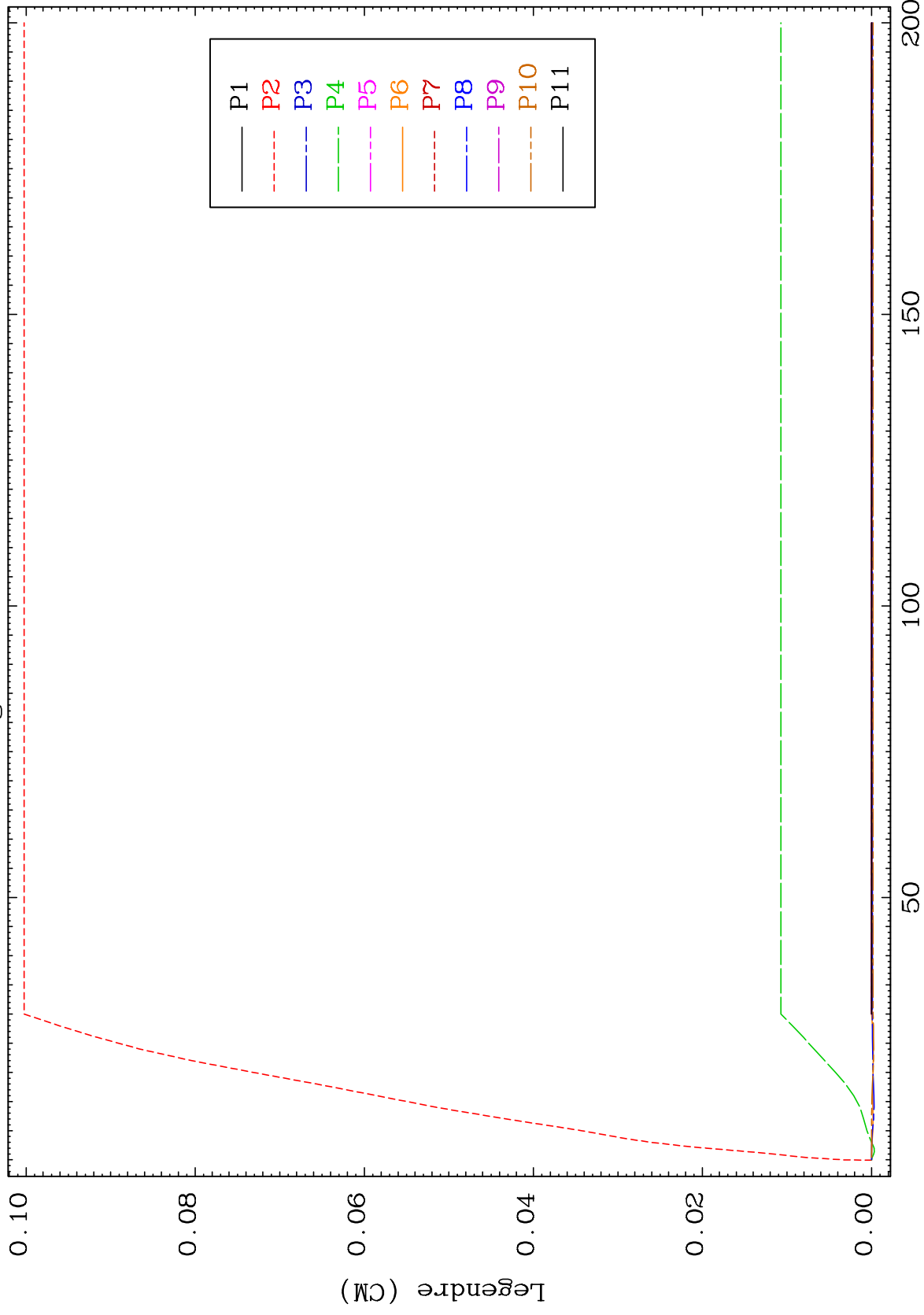
17-Cl-37



MAT 1731

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

17-Cl-37



64

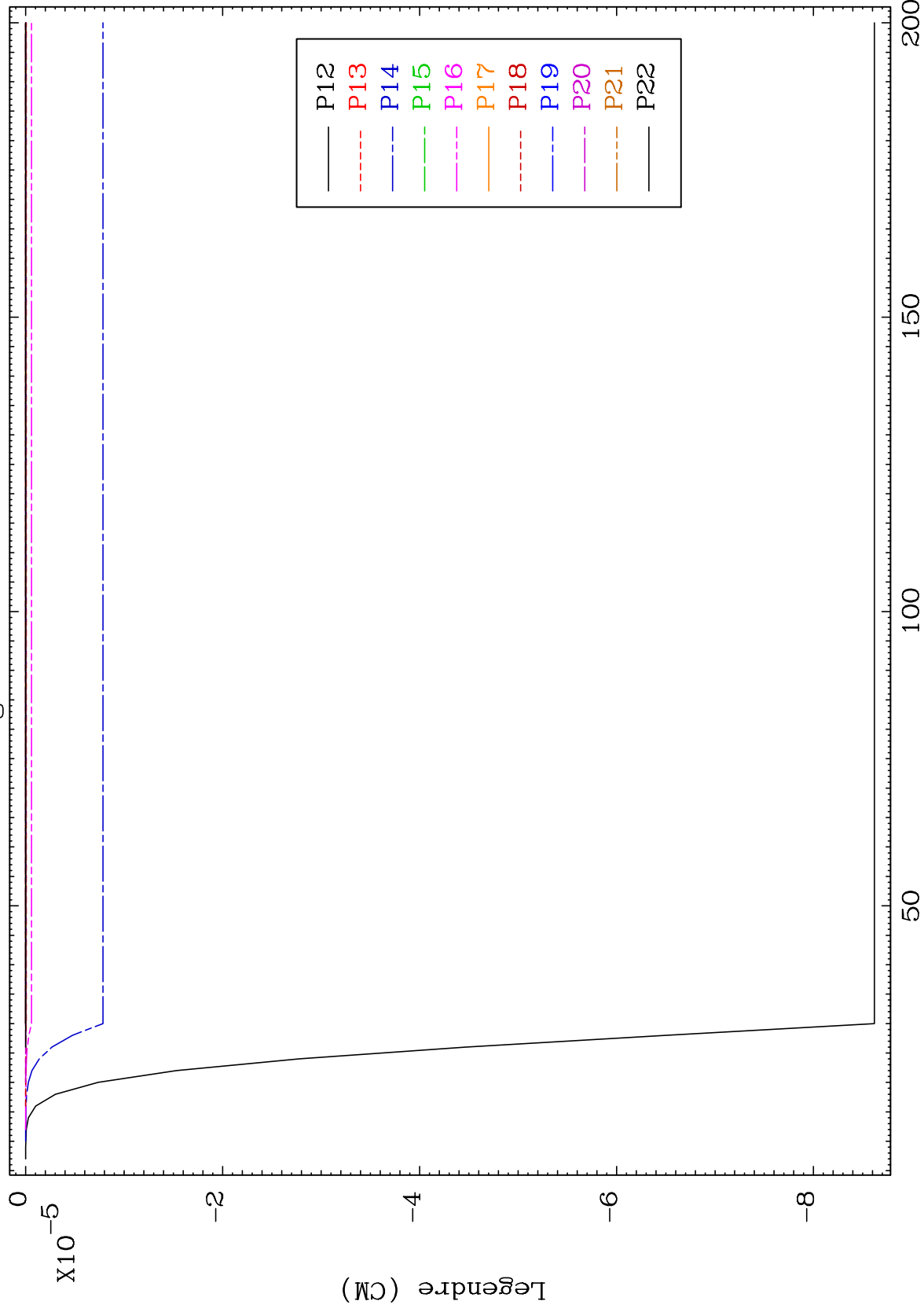
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37



65

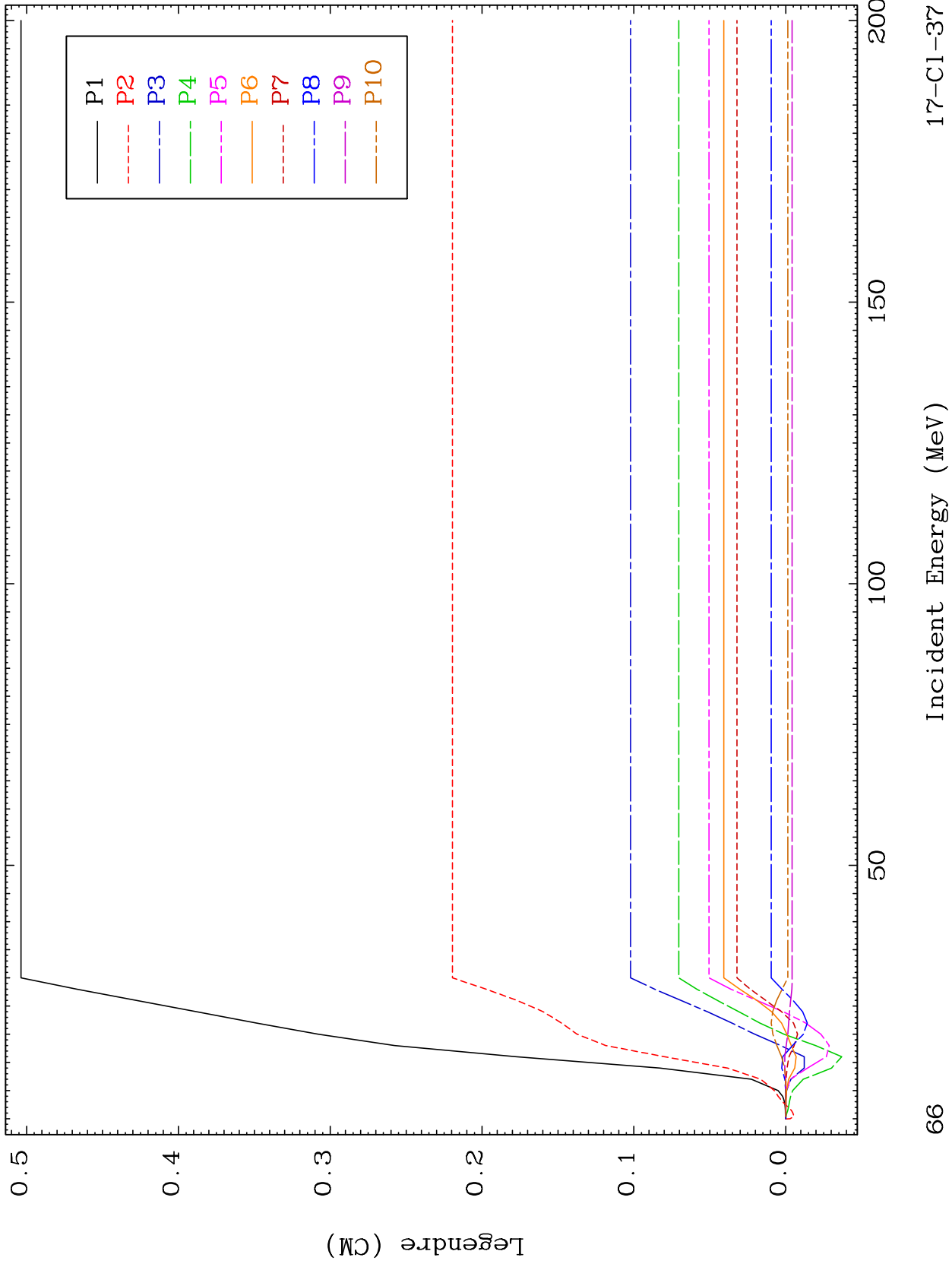
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37



66

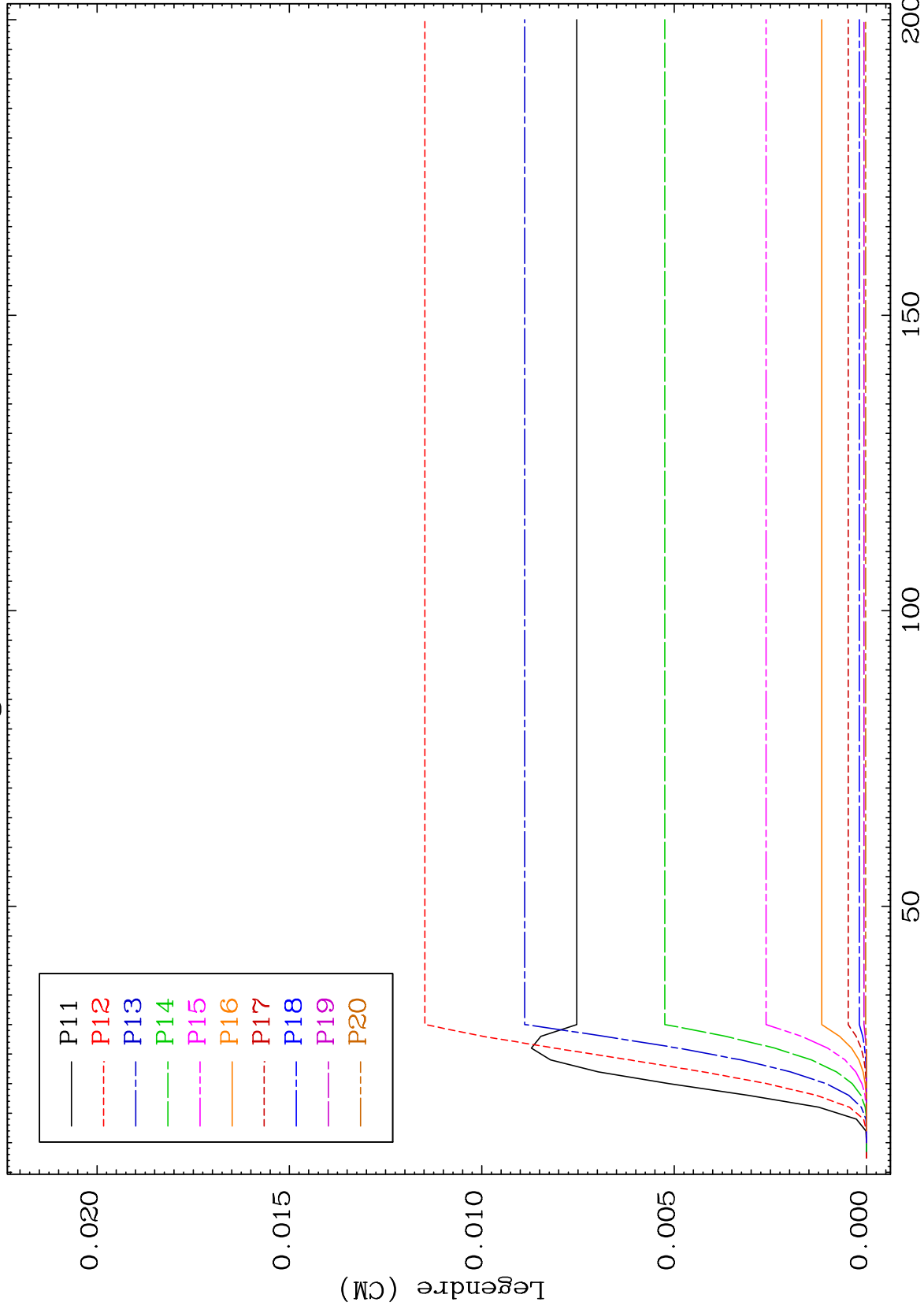
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

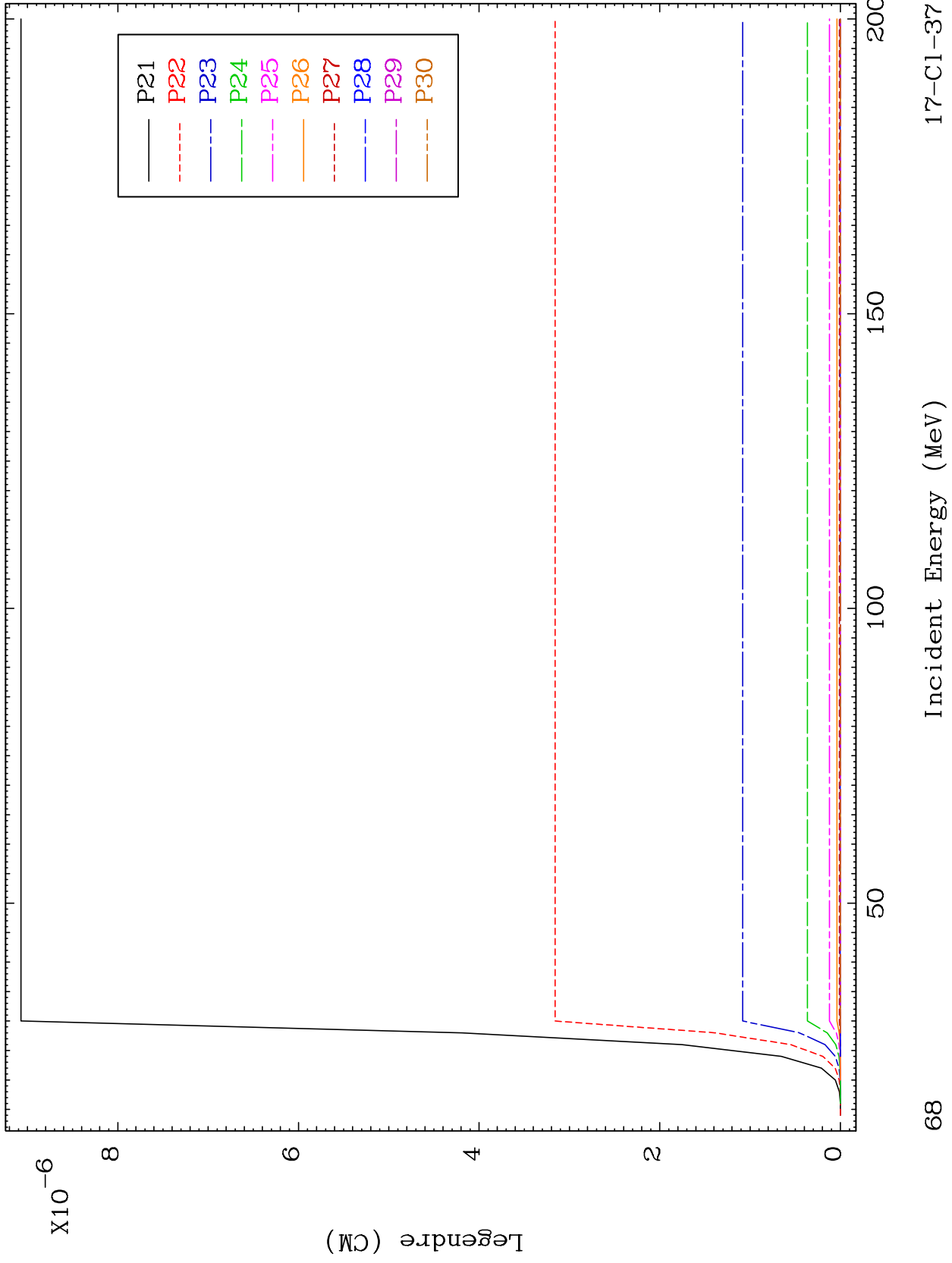
17-Cl-37

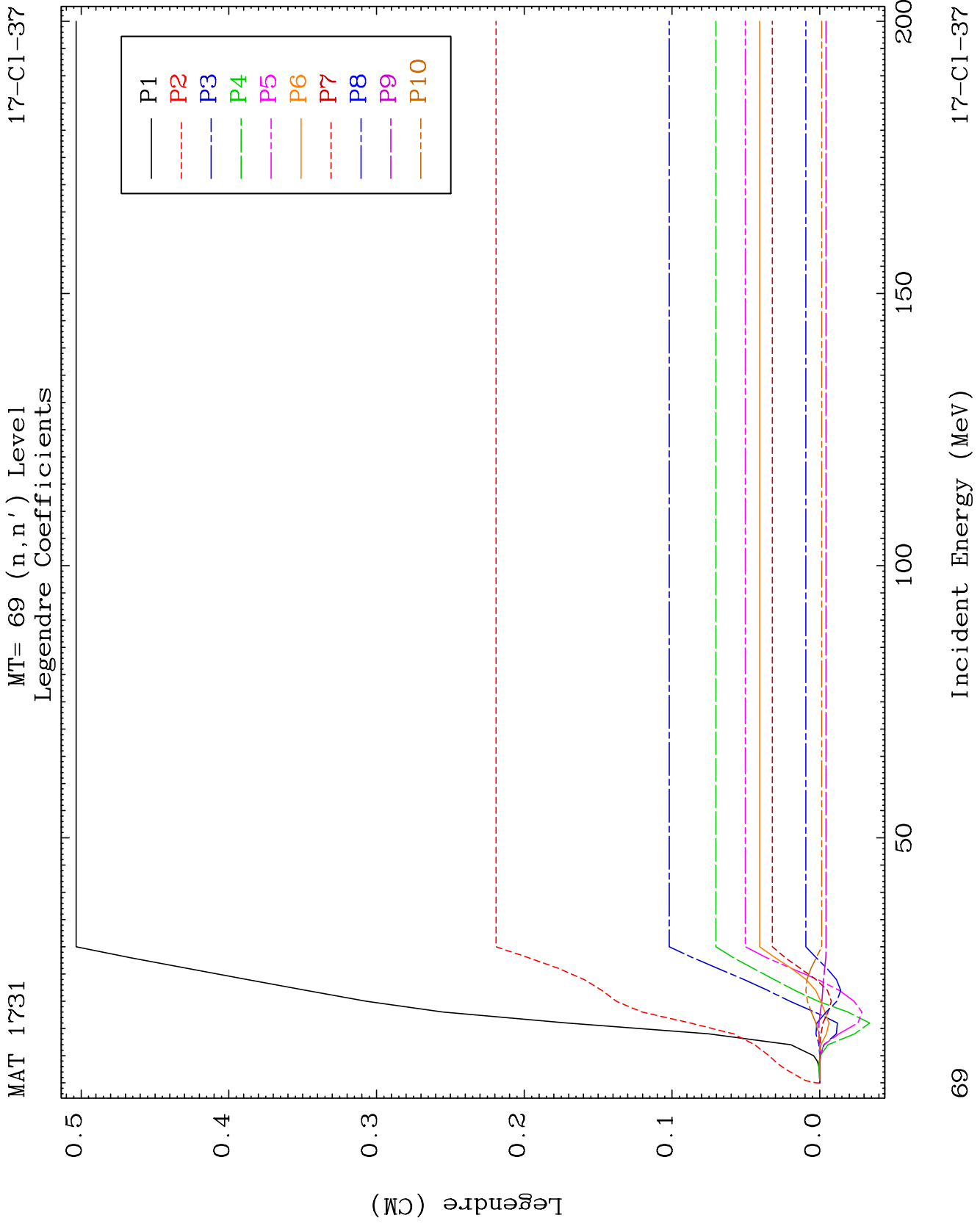


MAT 1731

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

17-Cl-37

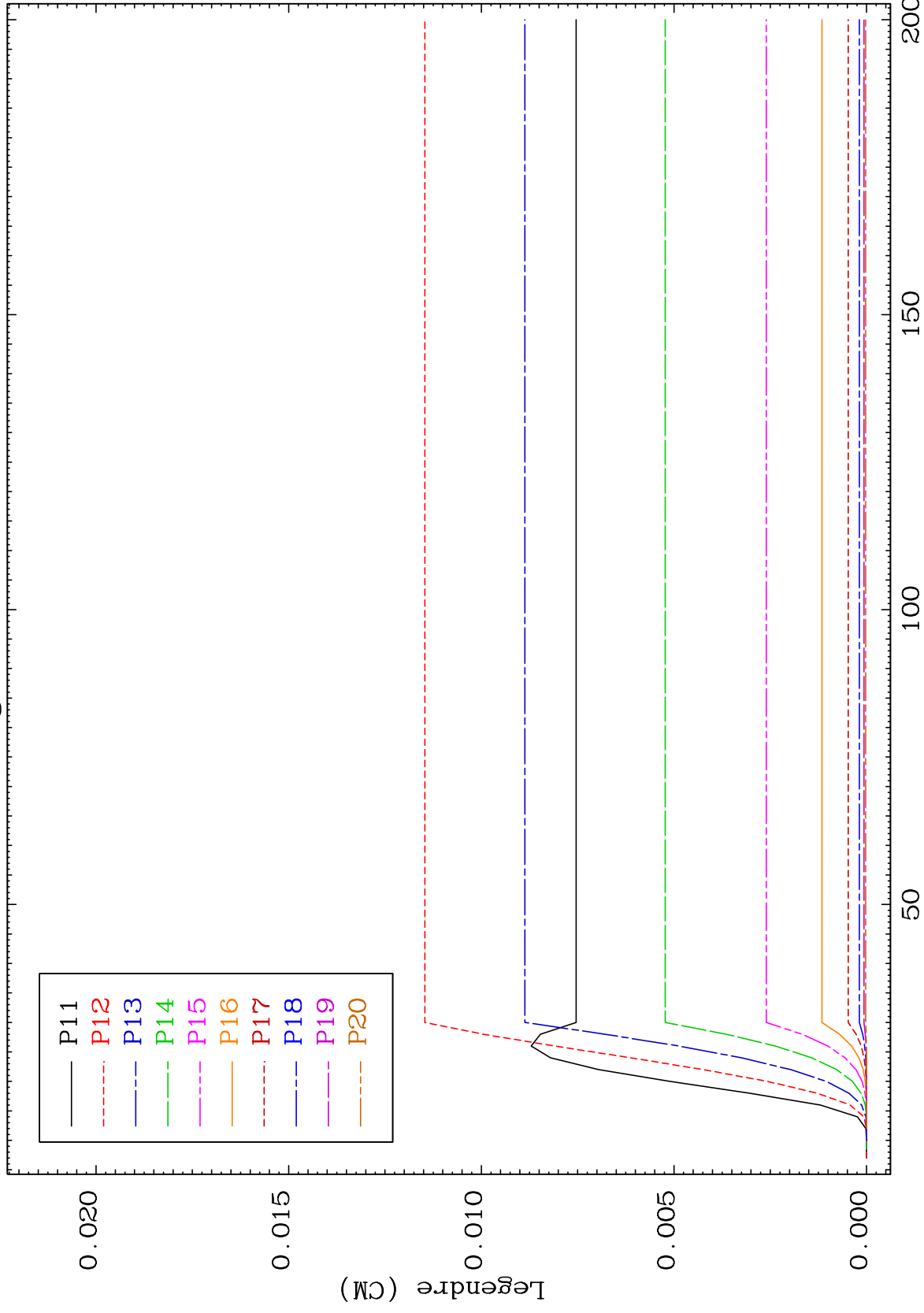




MAT 1731

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

17-Cl-37



70

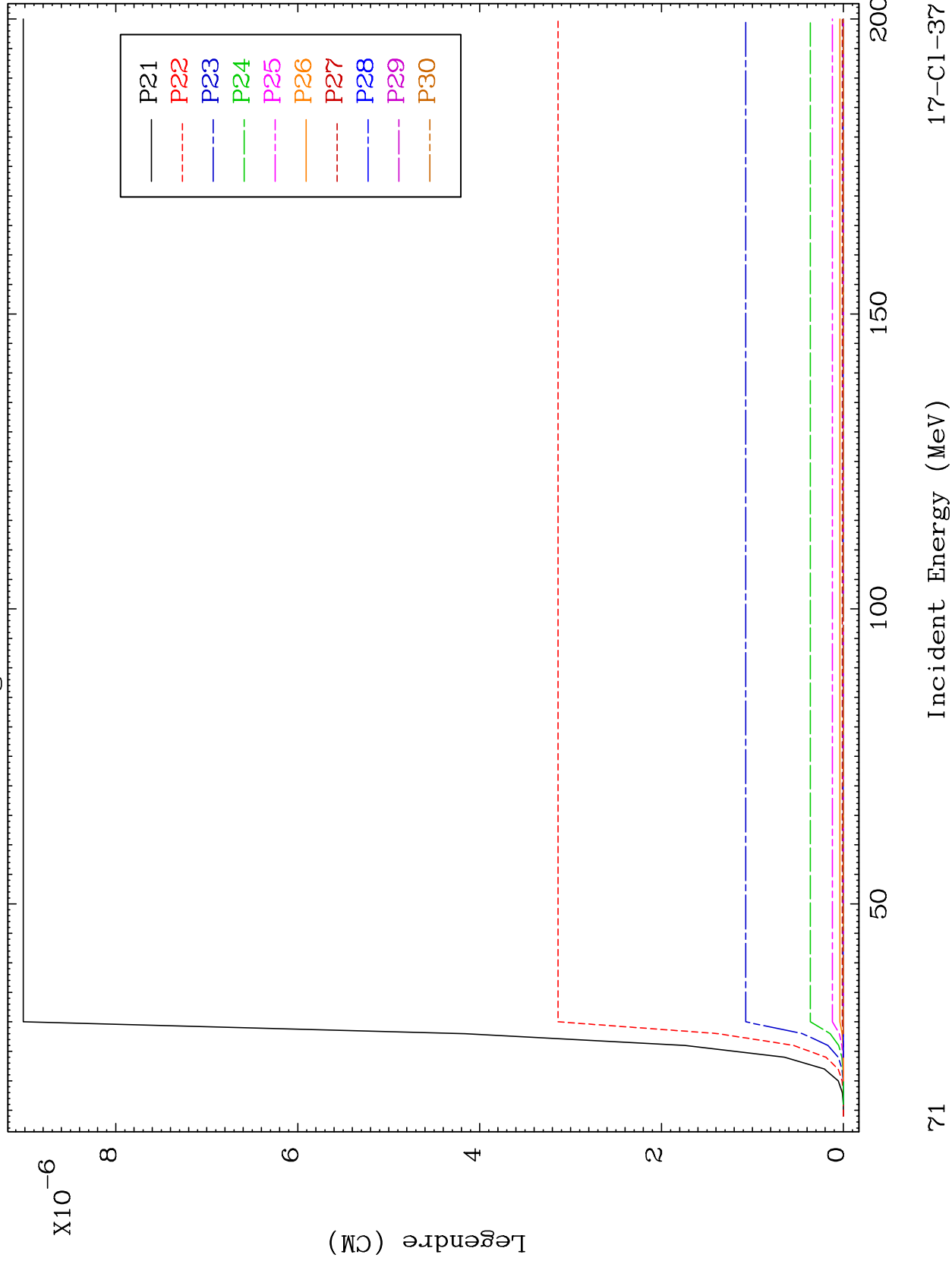
Incident Energy (MeV)

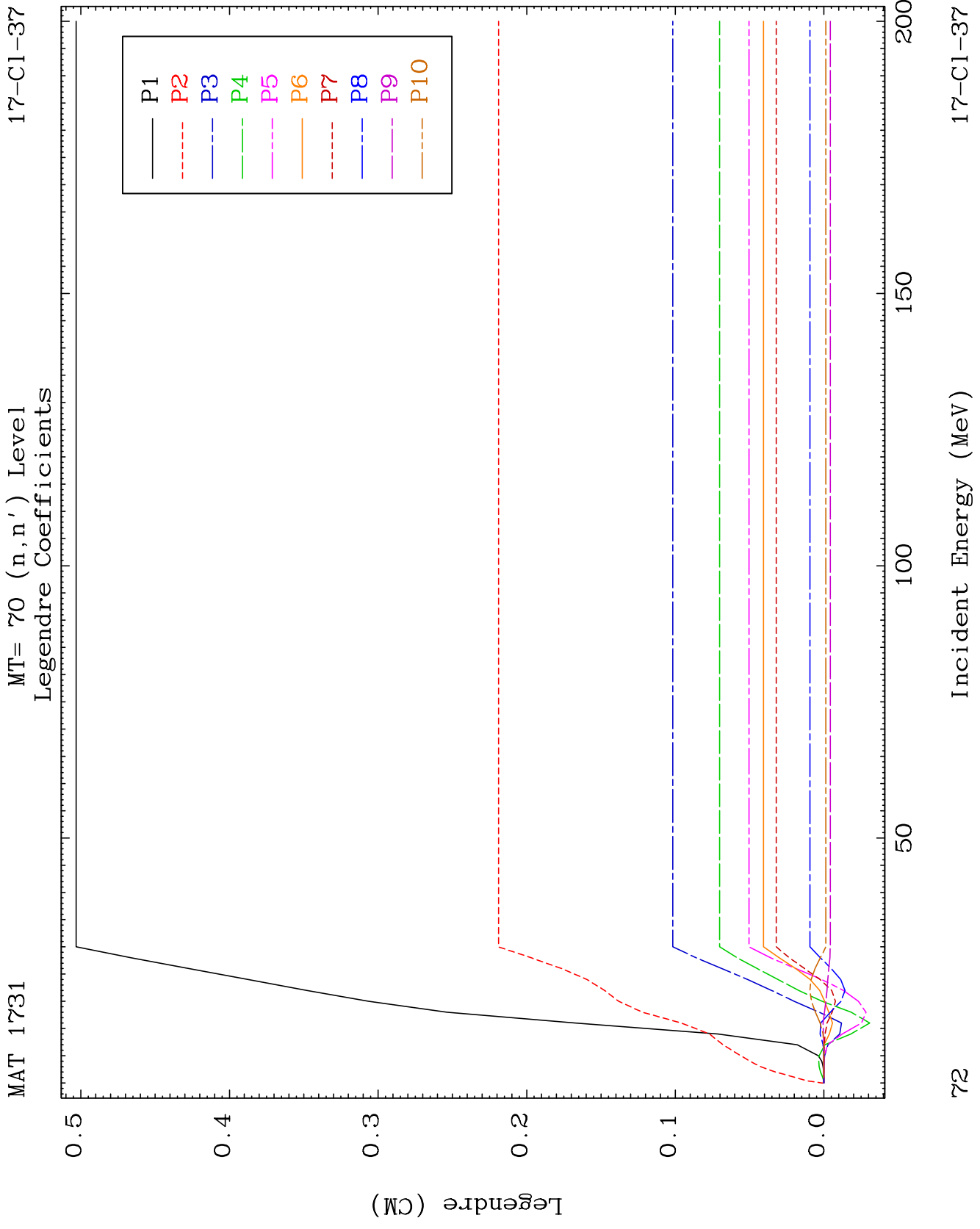
17-Cl-37

MAT 1731

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

17-Cl-37

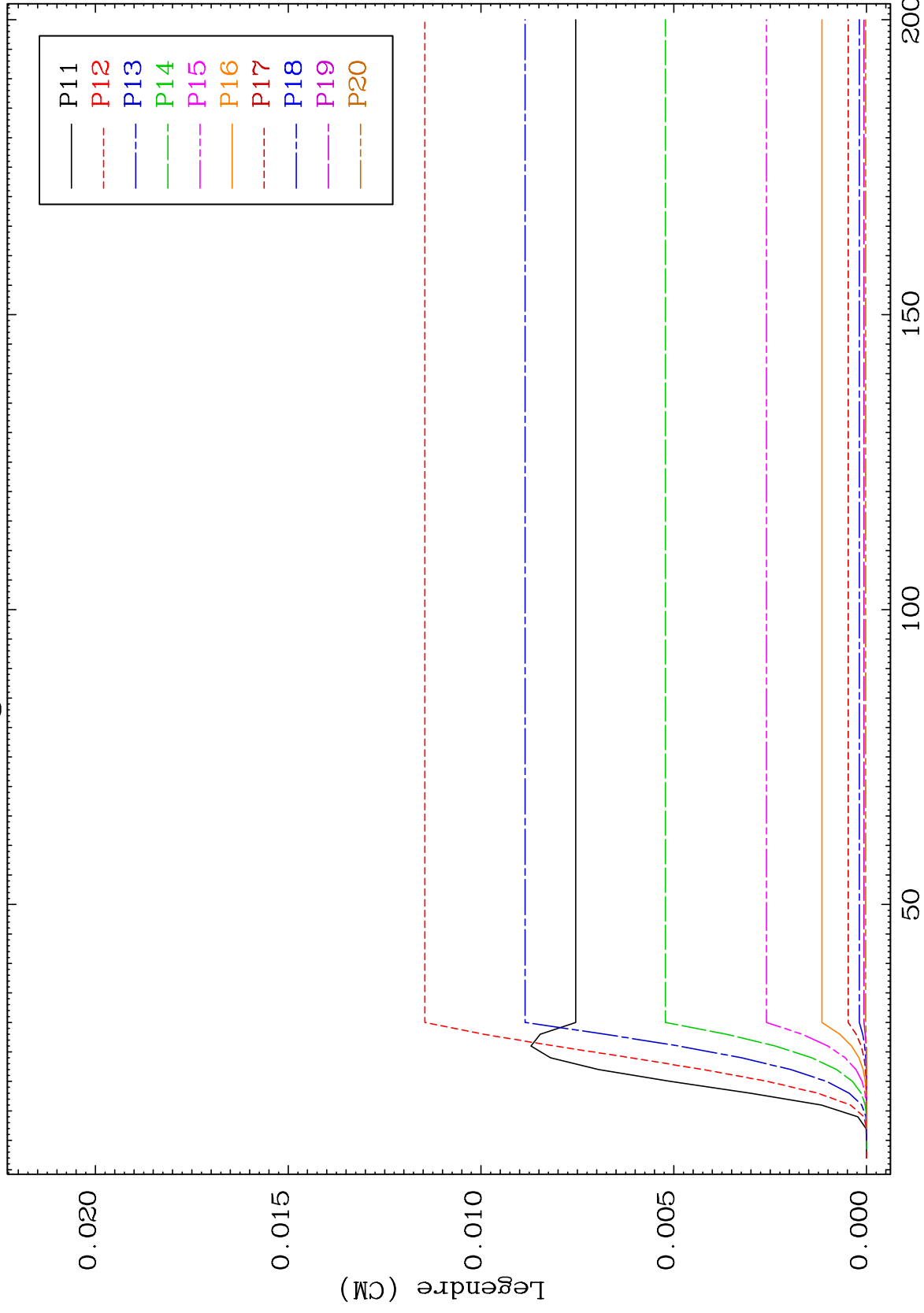




MAT 1731

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

17-Cl-37



73

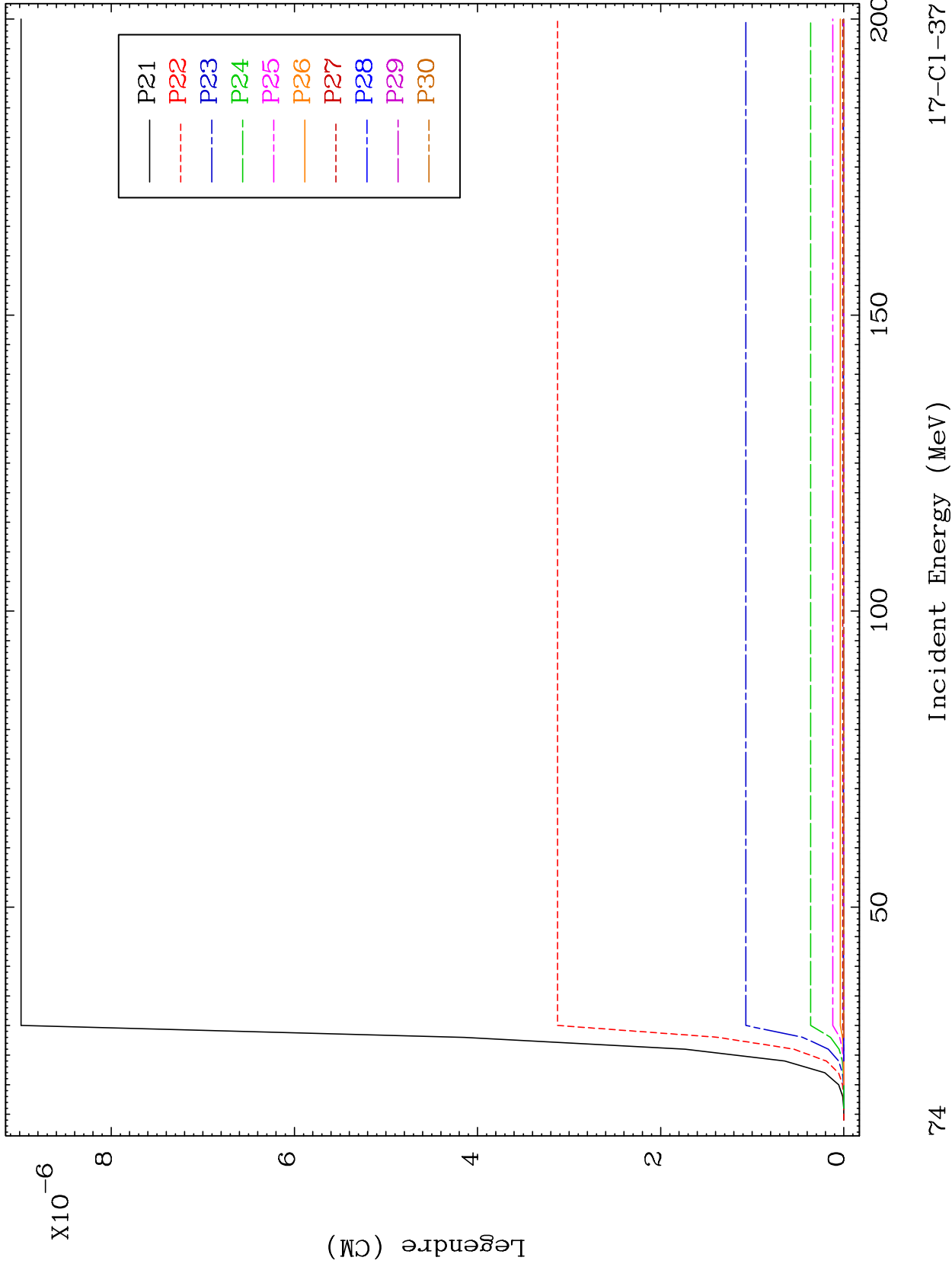
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37



74

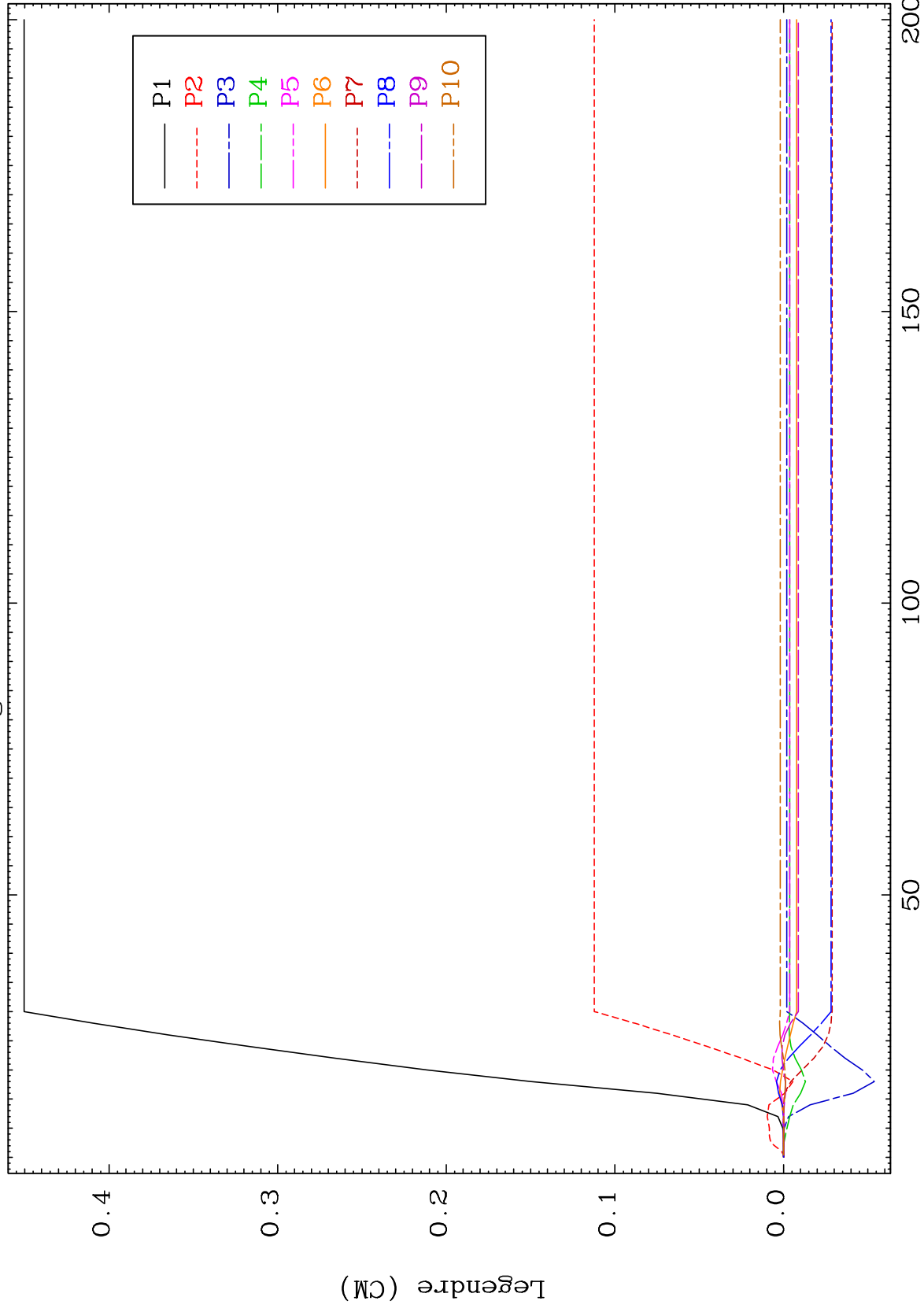
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37



75

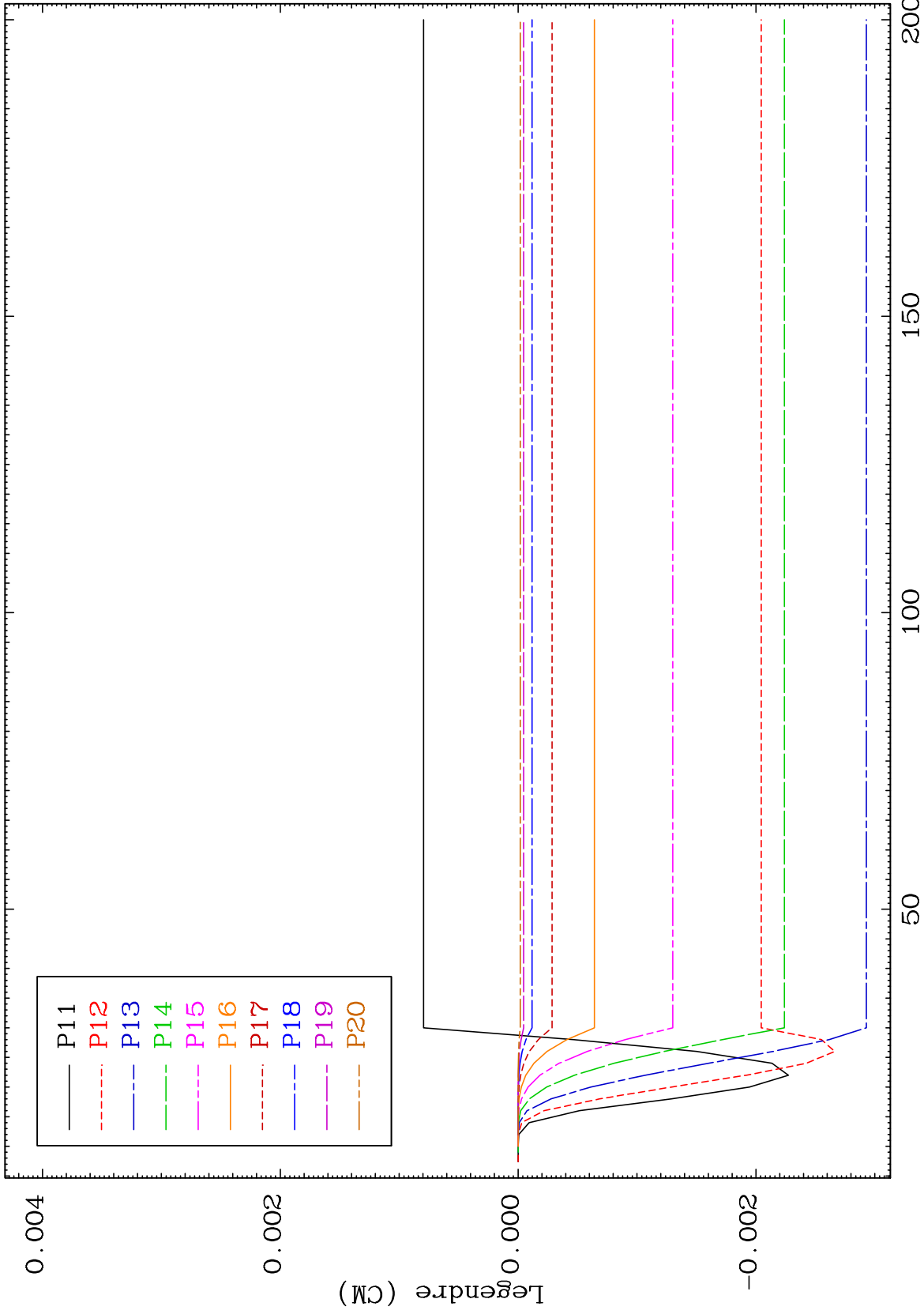
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

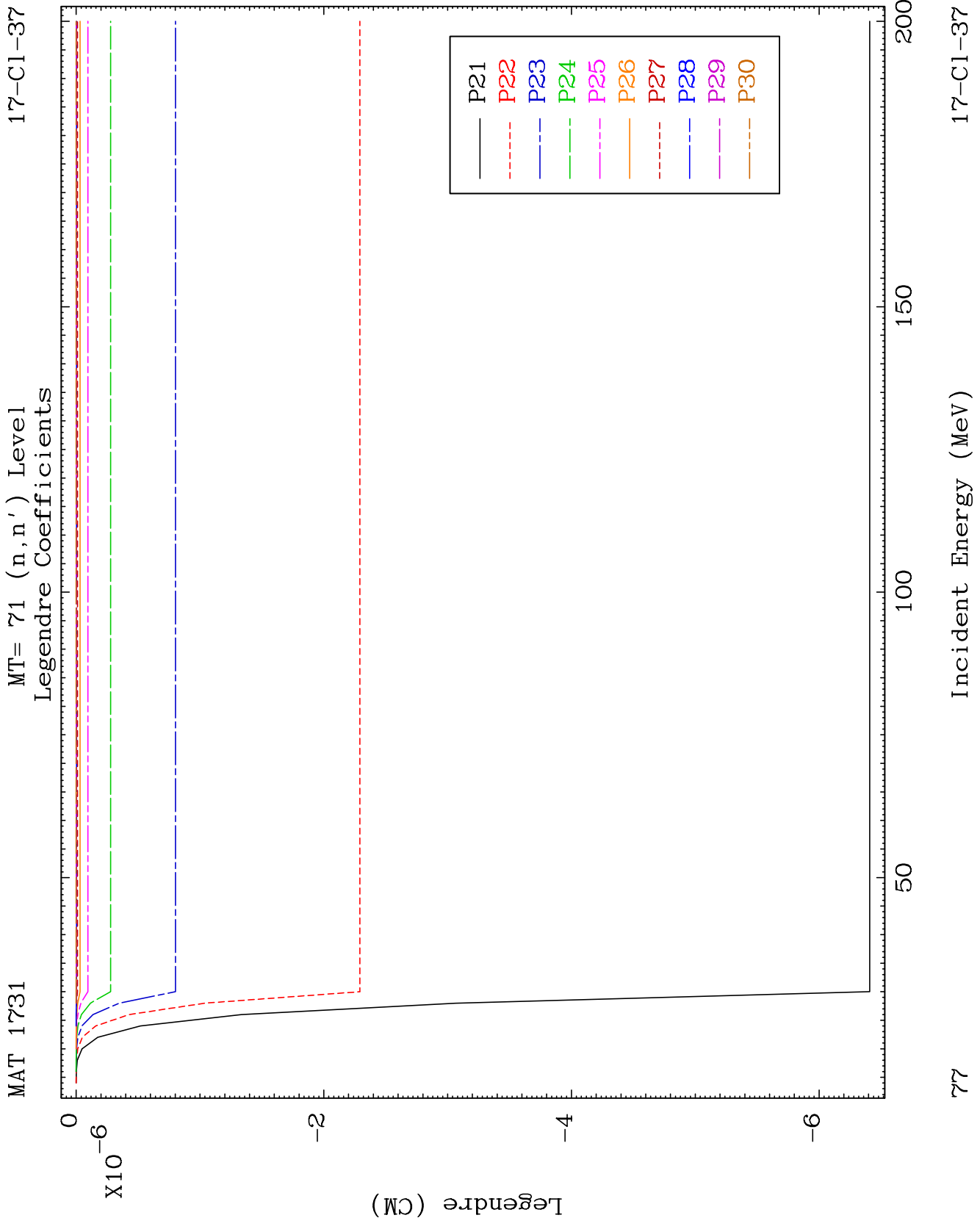
17-Cl-37



76

Incident Energy (MeV)

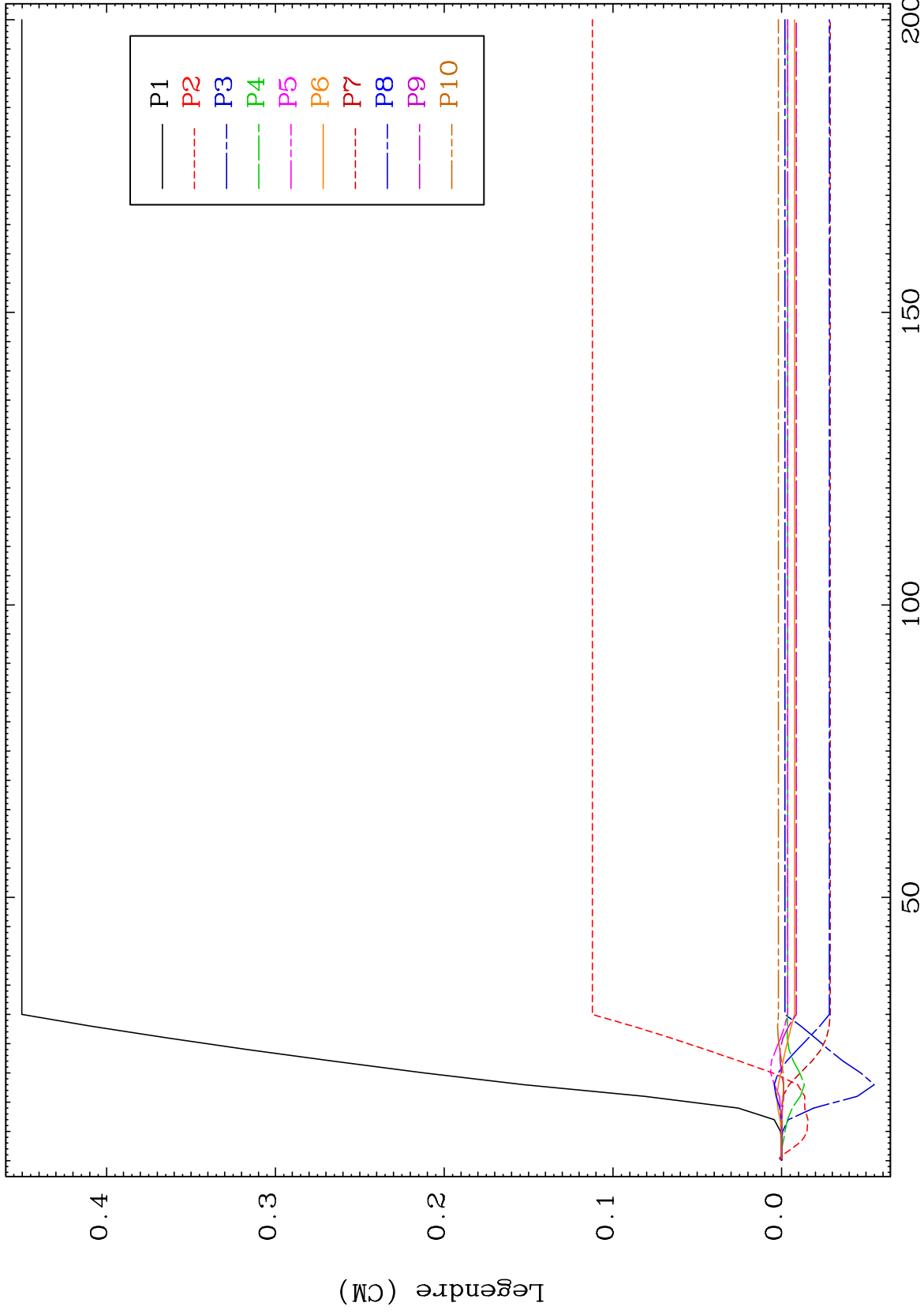
17-Cl-37



MAT 1731

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

17-Cl-37



78

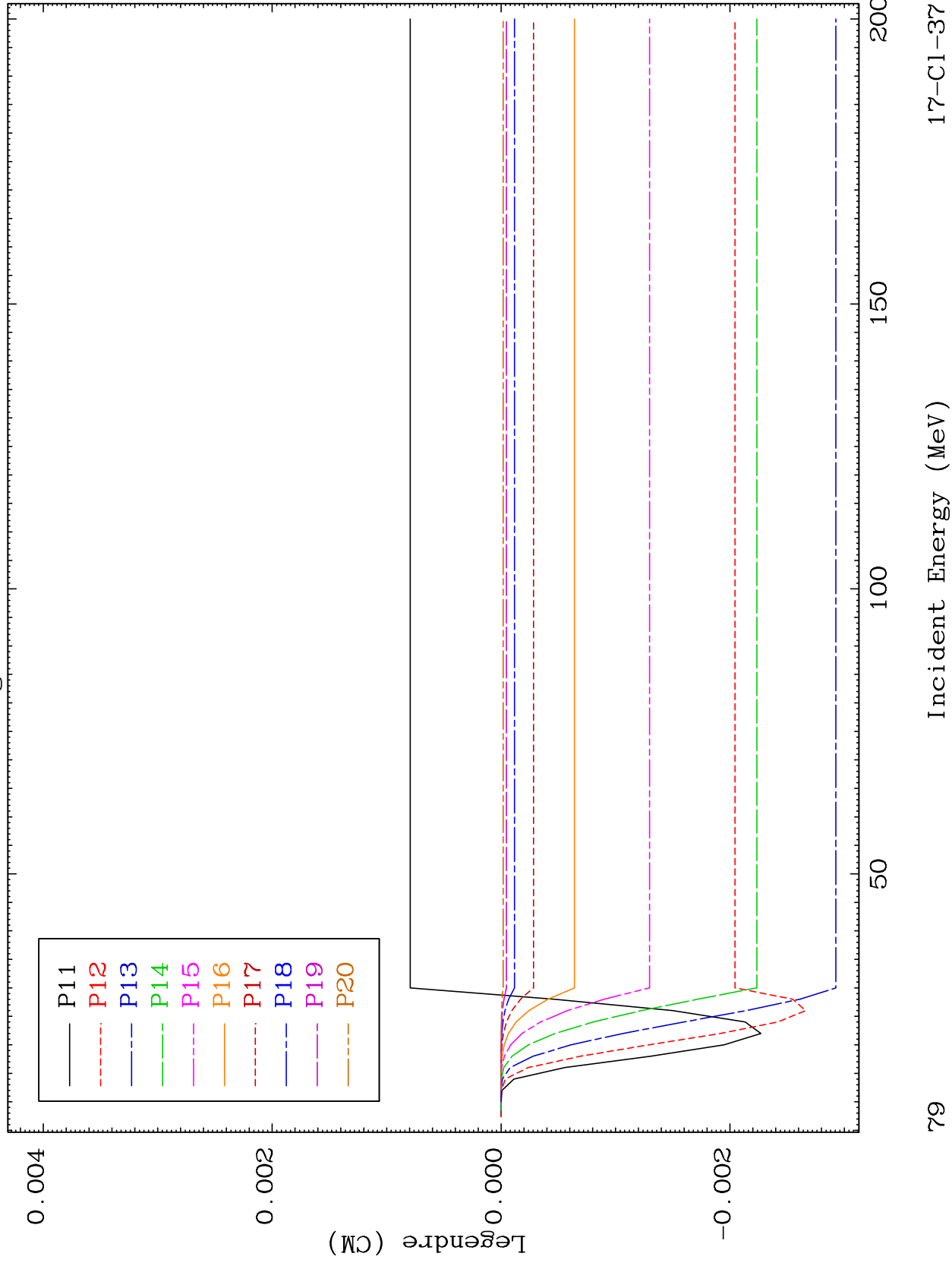
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

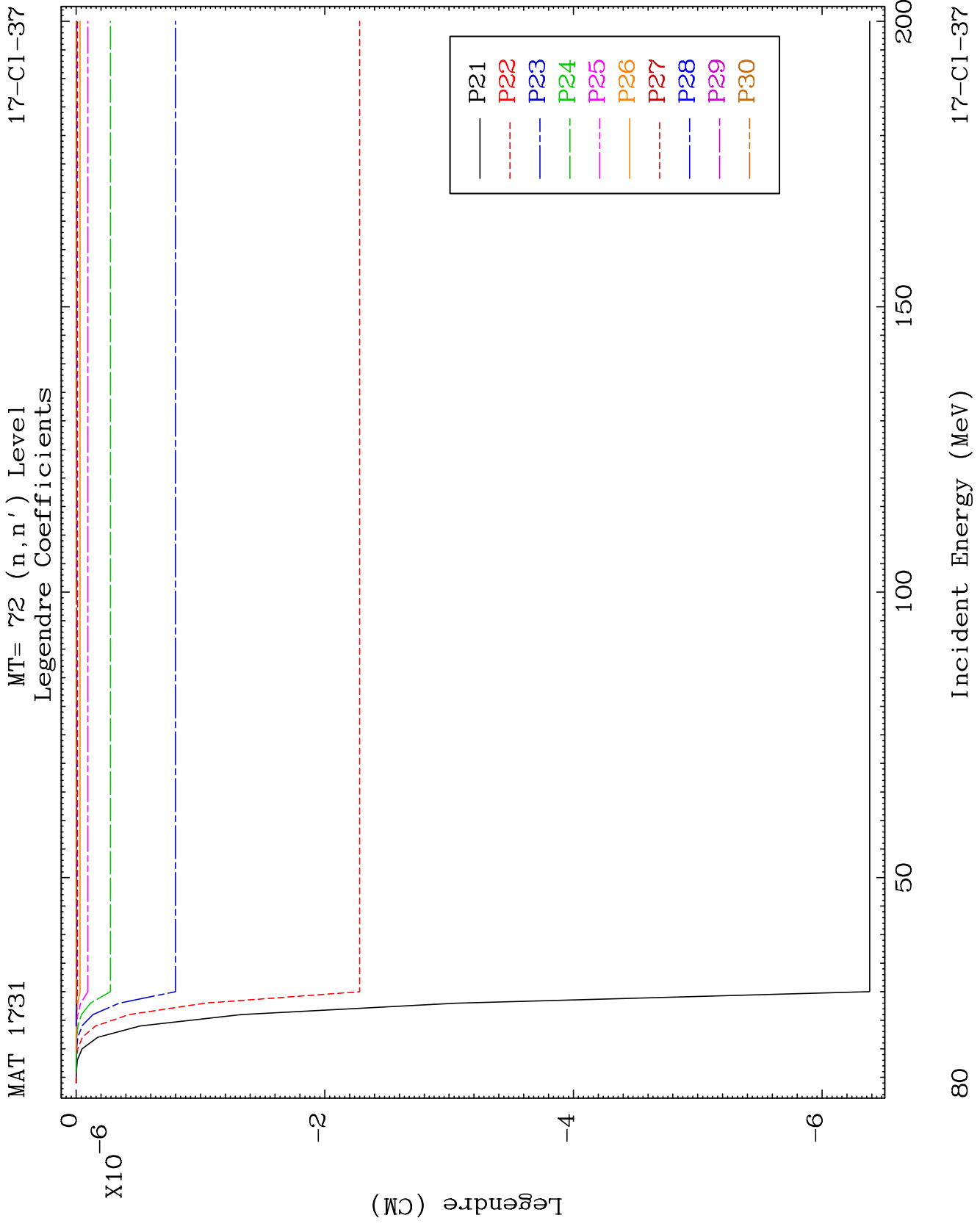
17-Cl-37

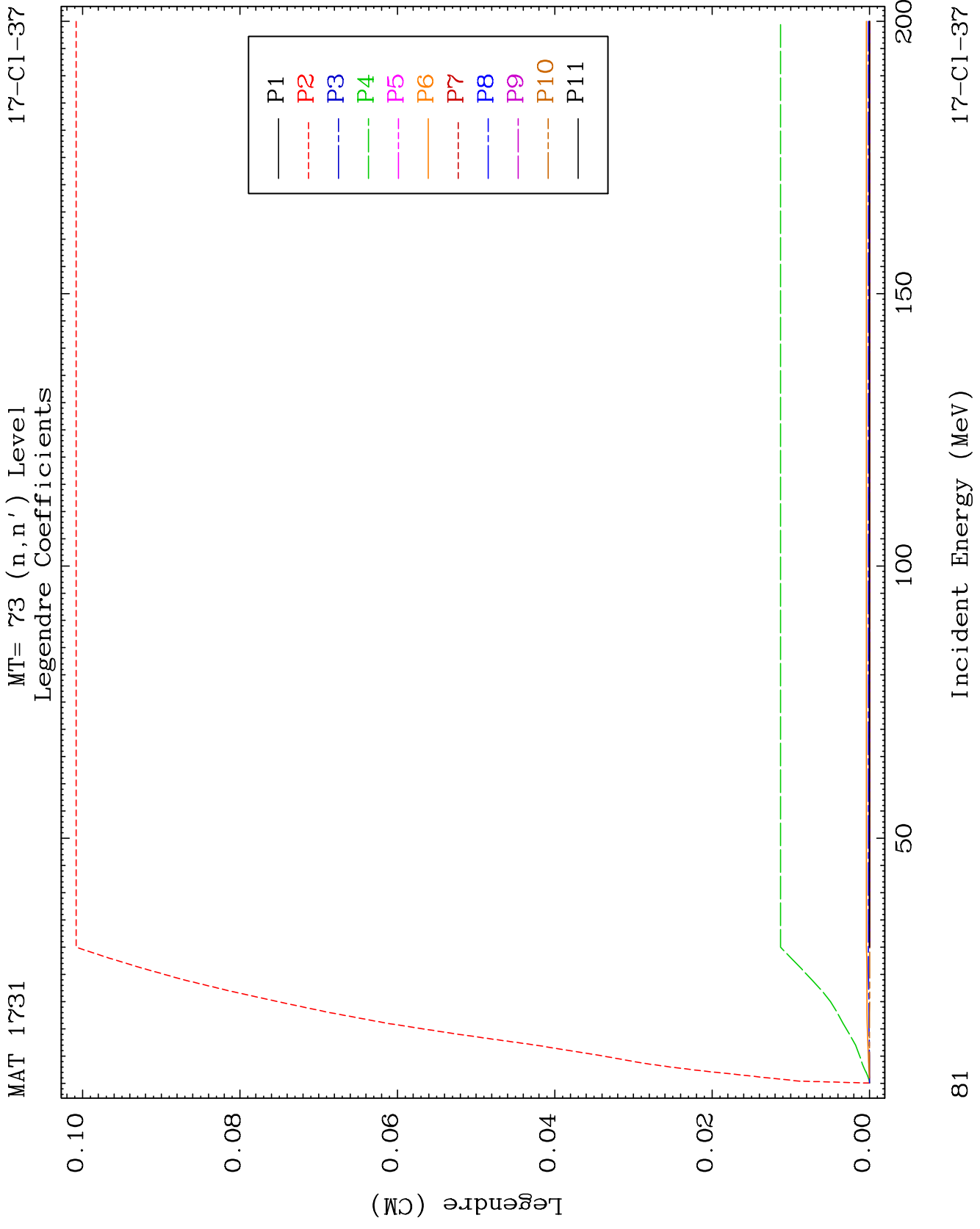


79

Incident Energy (MeV)

17-Cl-37

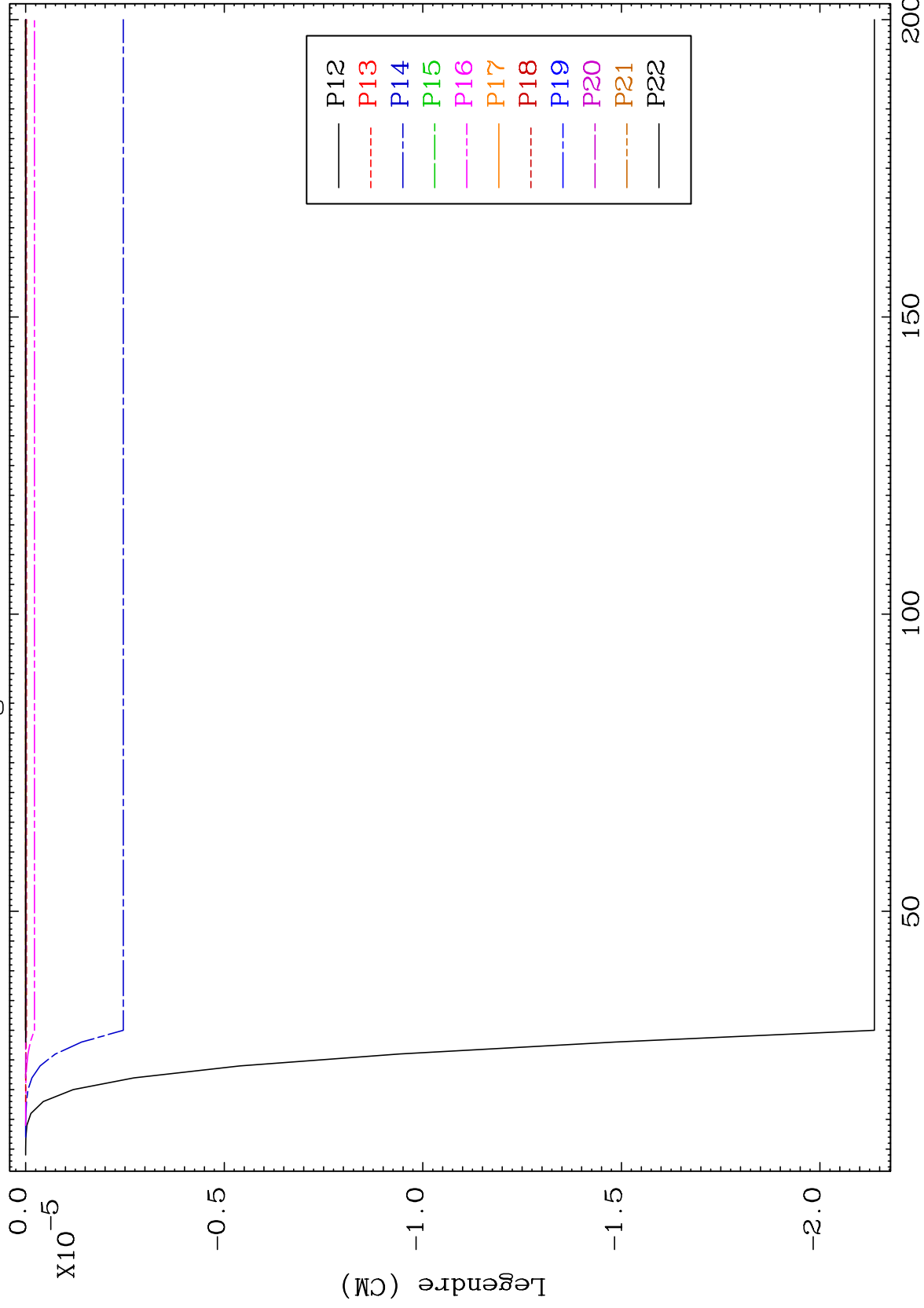




MAT 1731

17-Cl-37

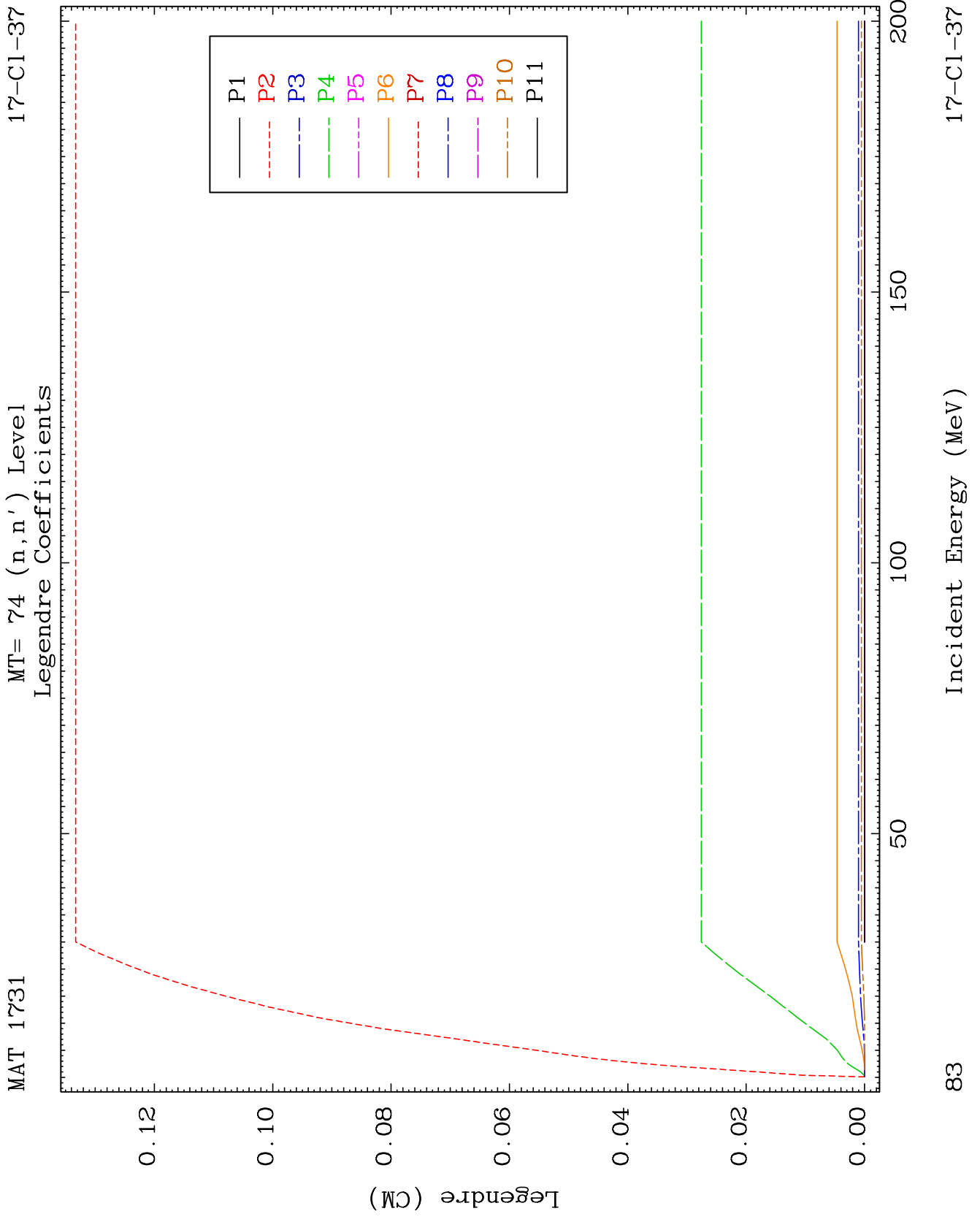
MT= 73 (n,n') Level  
Legendre Coefficients



82

Incident Energy (MeV)

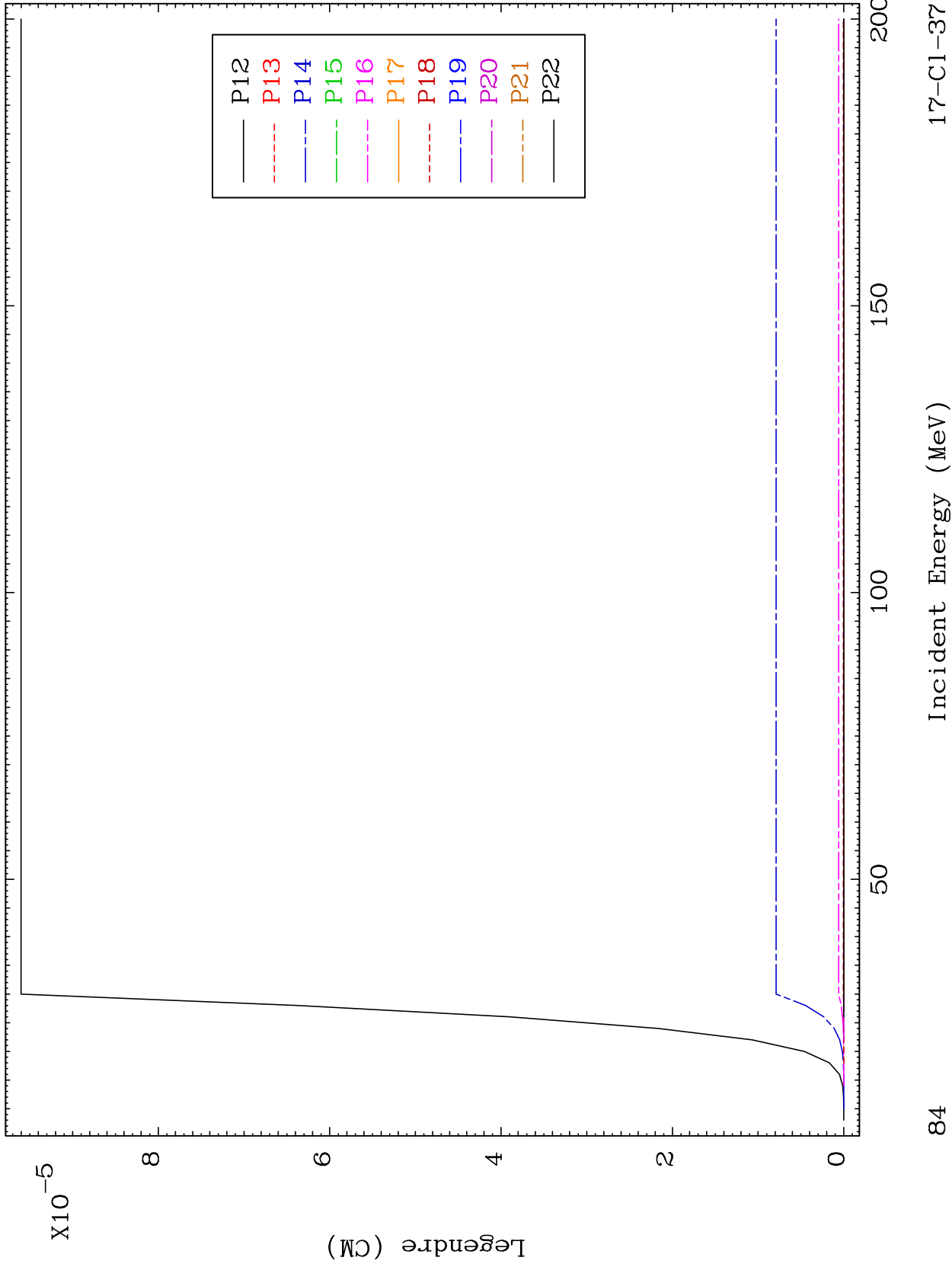
17-Cl-37



MAT 1731

MT= 74 (n,n') Level  
Legendre Coefficients

17-Cl-37



84

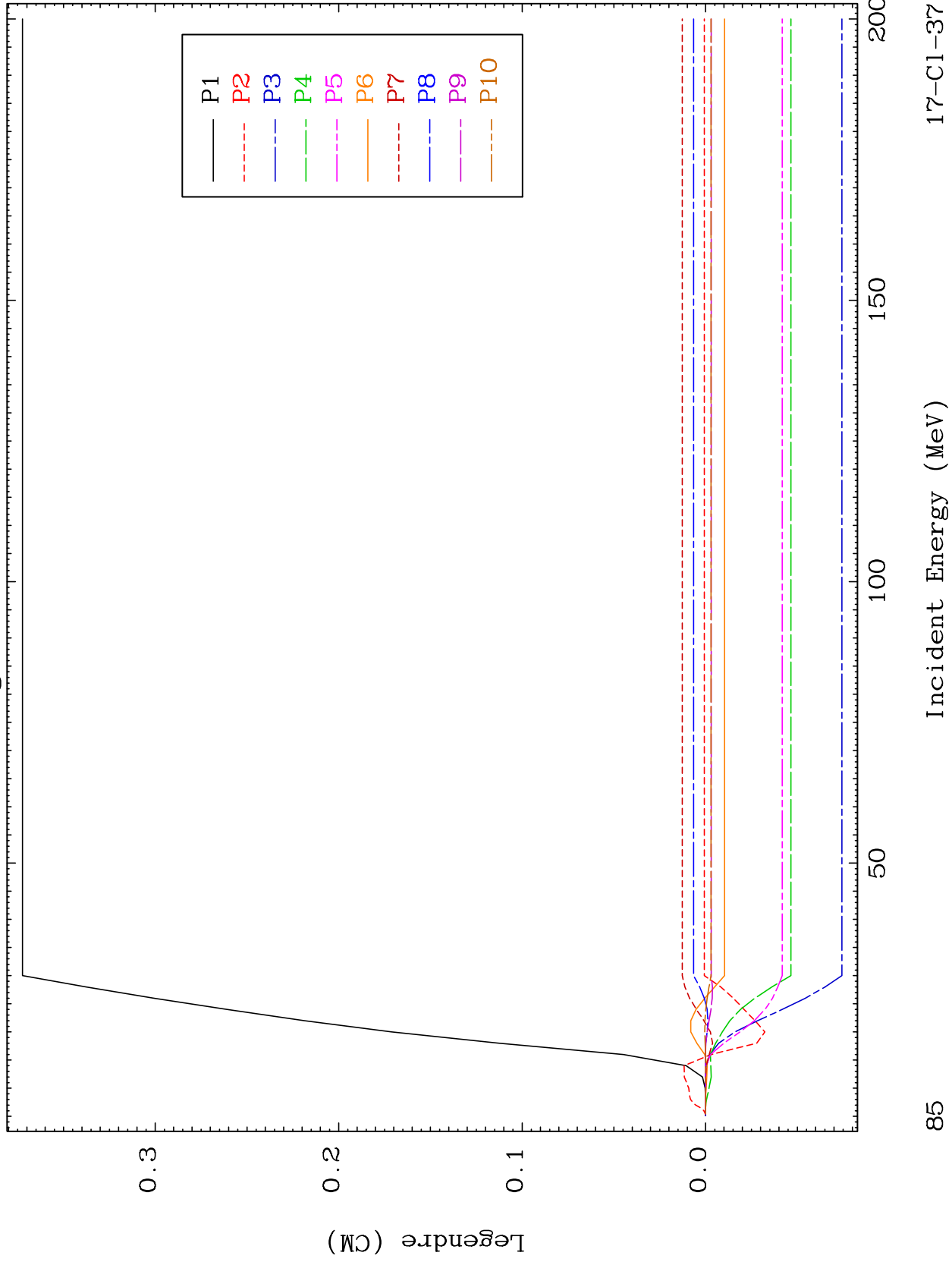
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

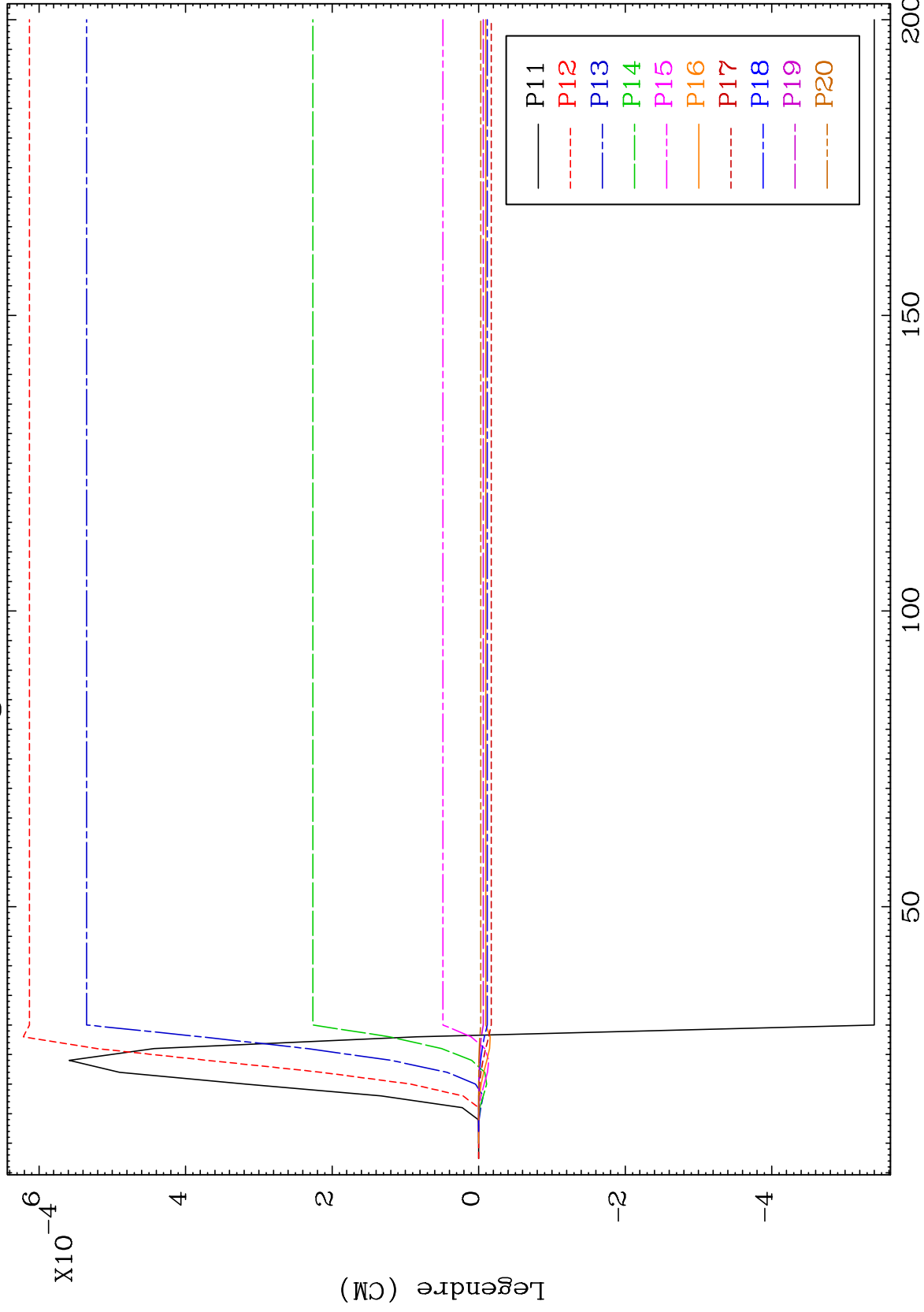
17-Cl-37

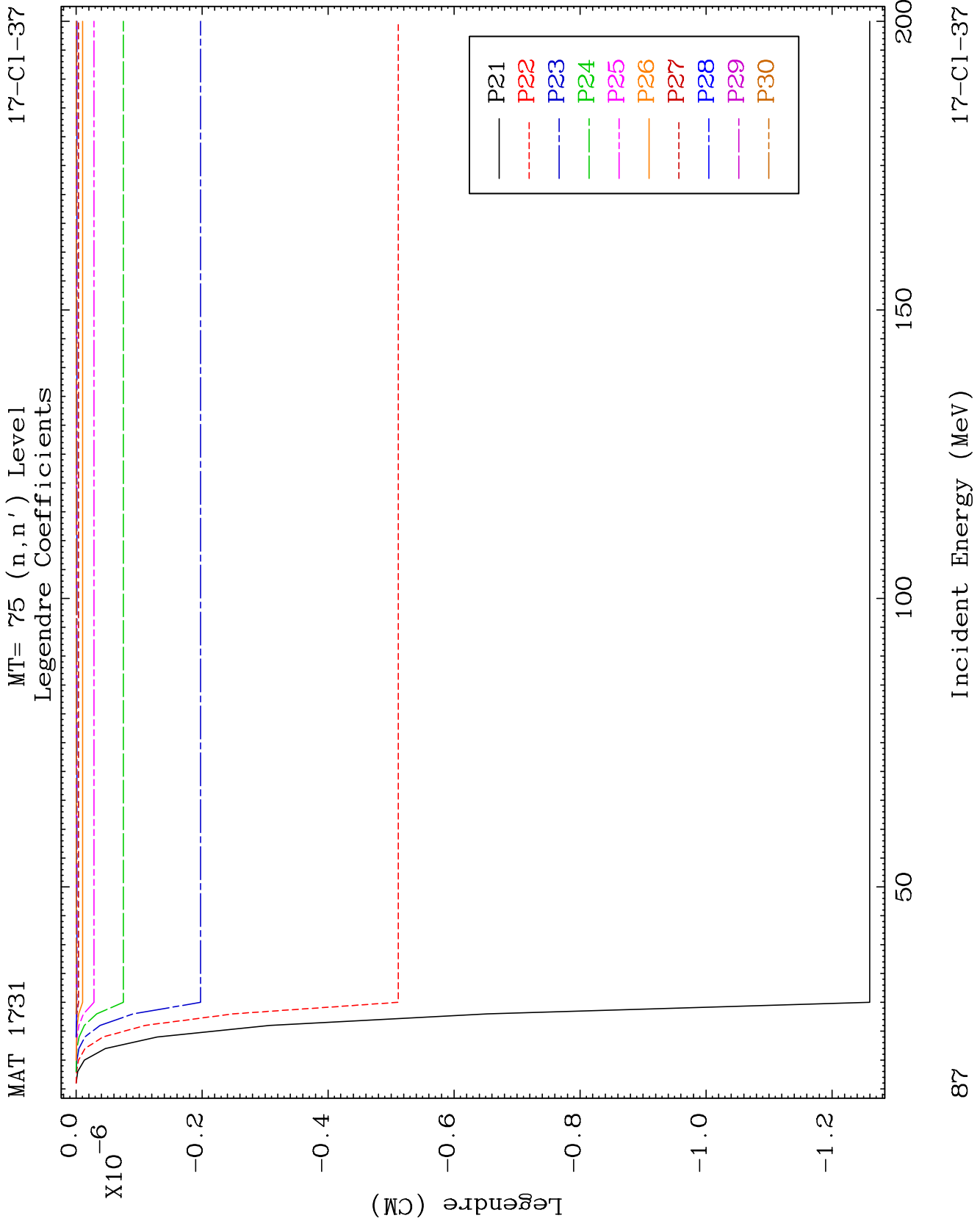


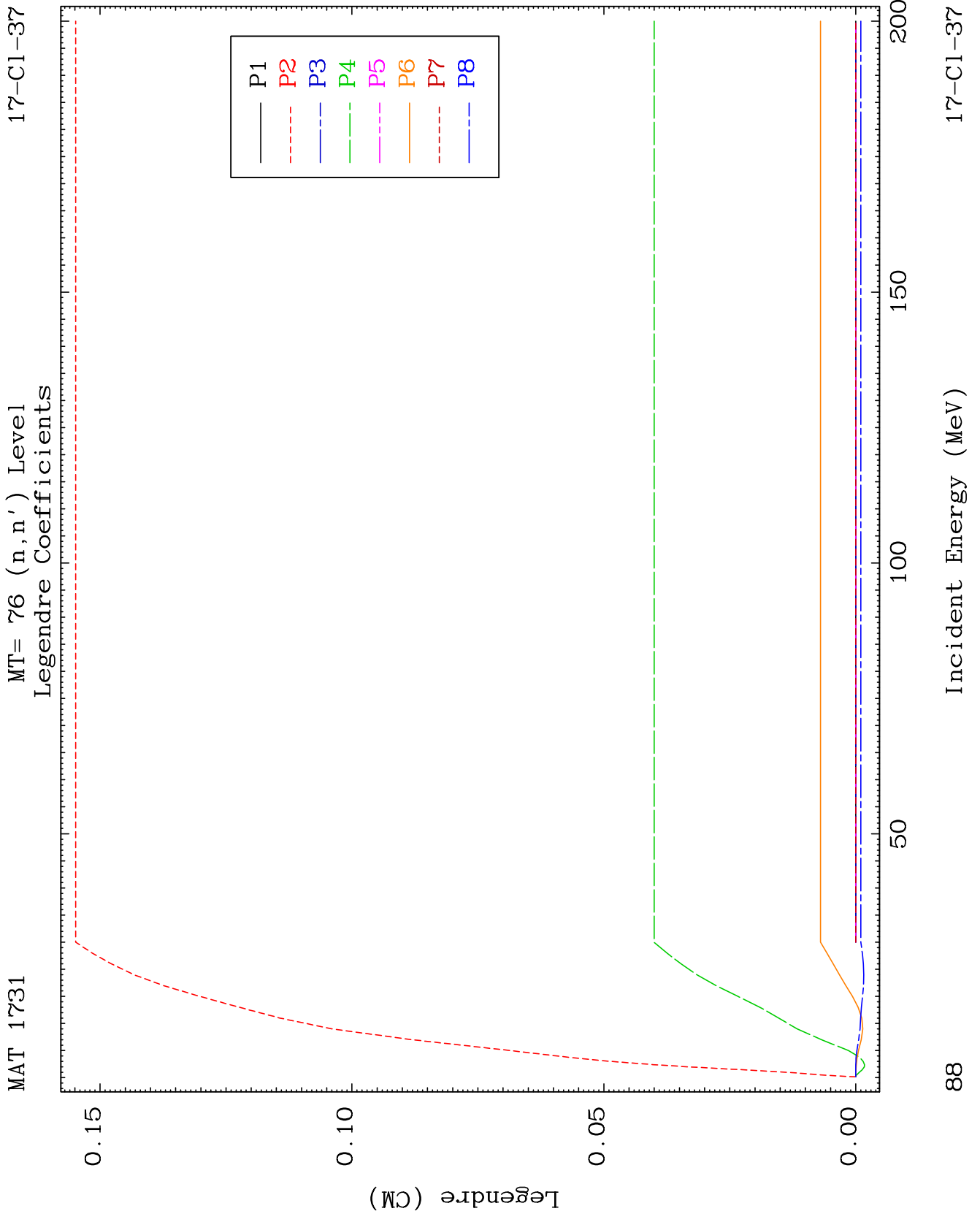
85

Incident Energy (MeV)

17-Cl-37



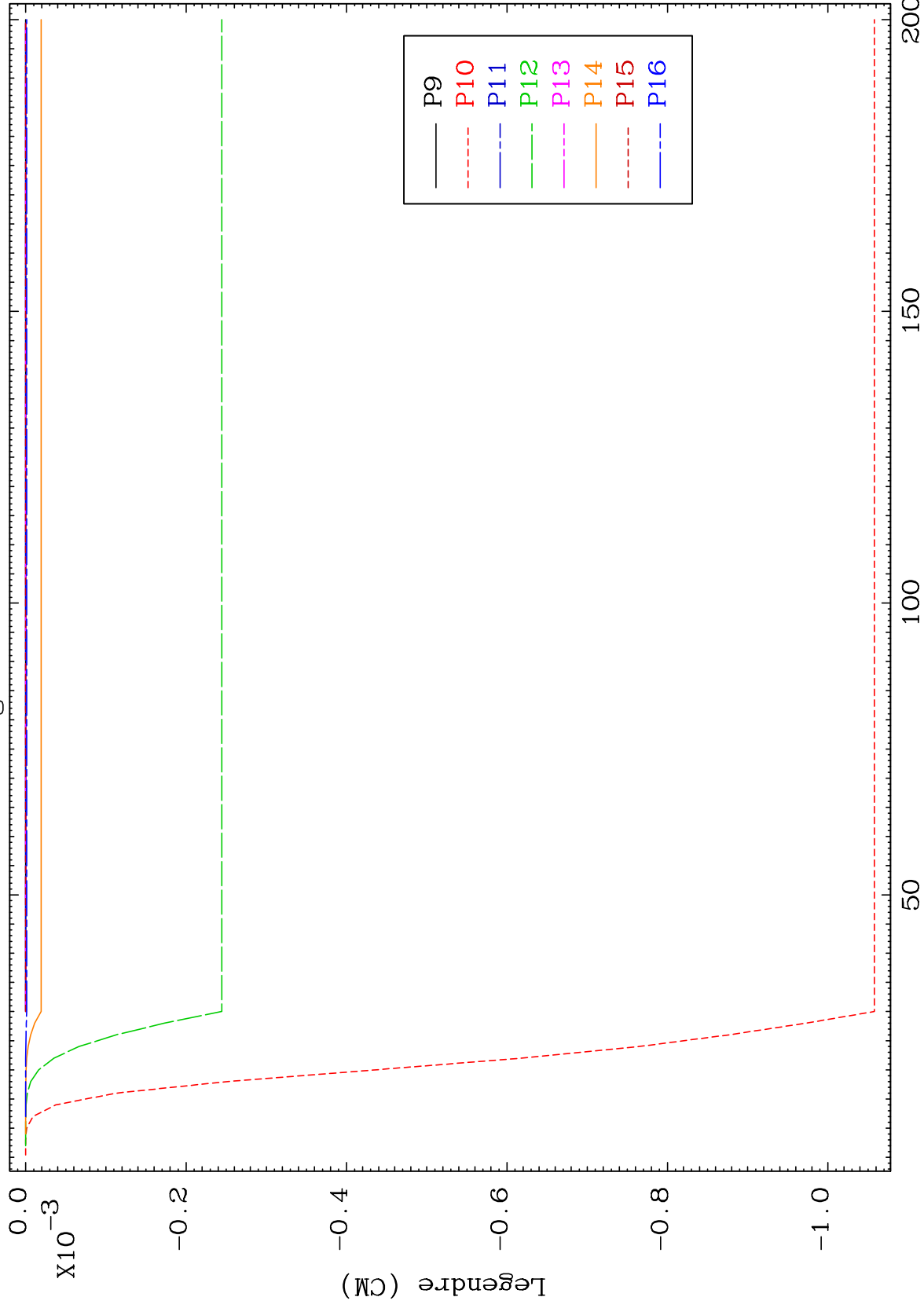




MAT 1731

MT= 76 (n,n') Level  
Legendre Coefficients

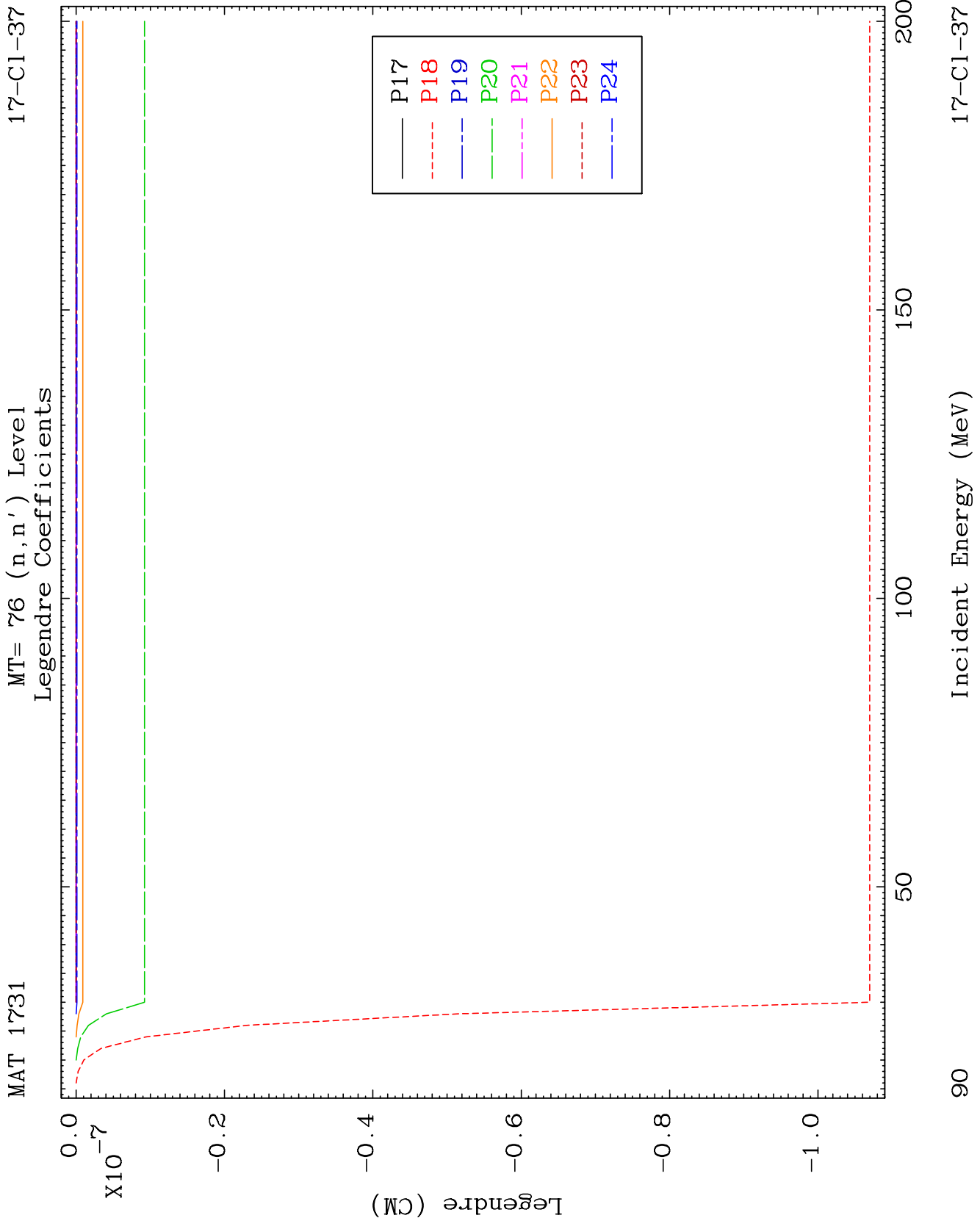
17-Cl-37



89

Incident Energy (MeV)

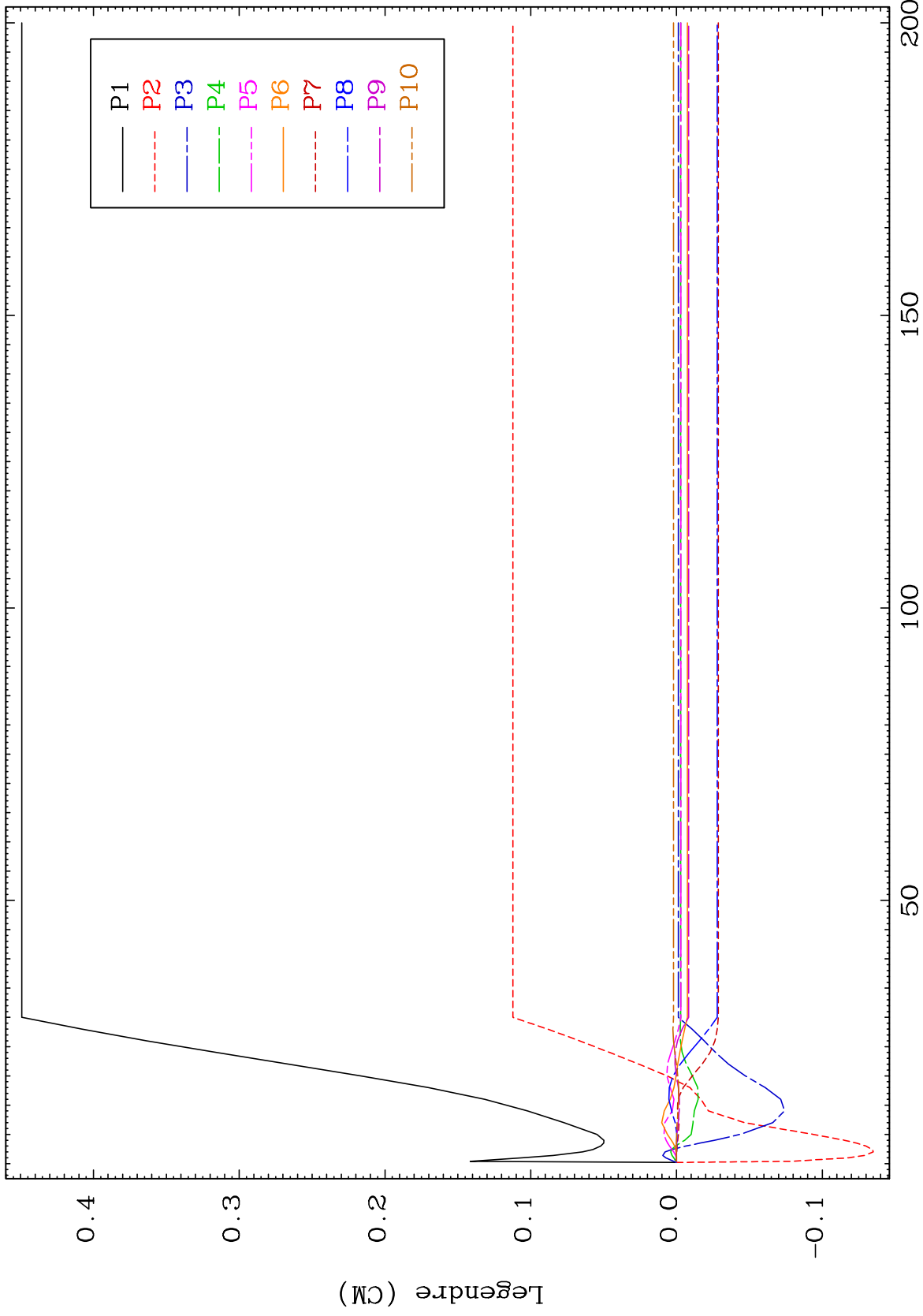
17-Cl-37



MAT 1731

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

17-Cl-37



91

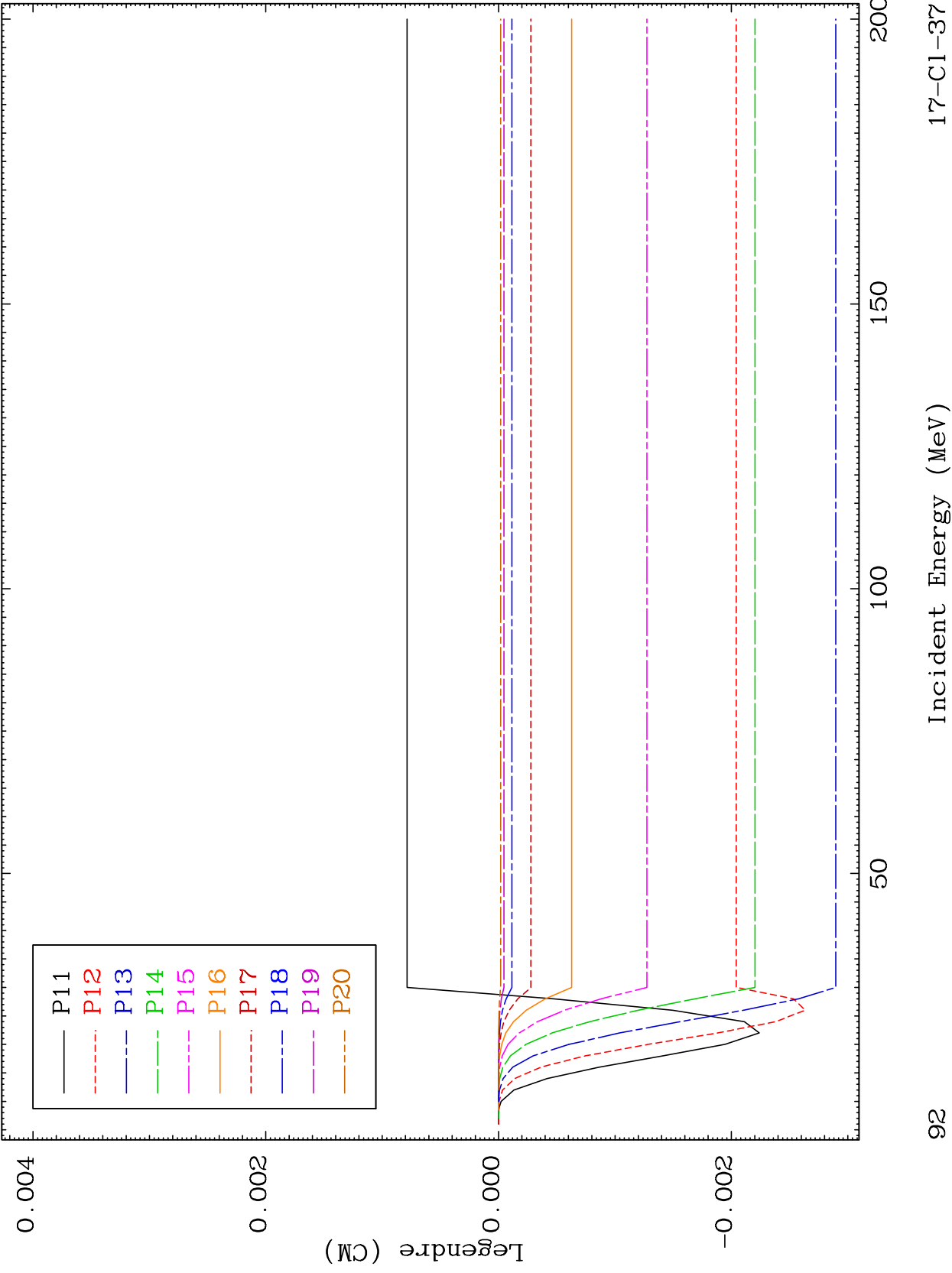
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

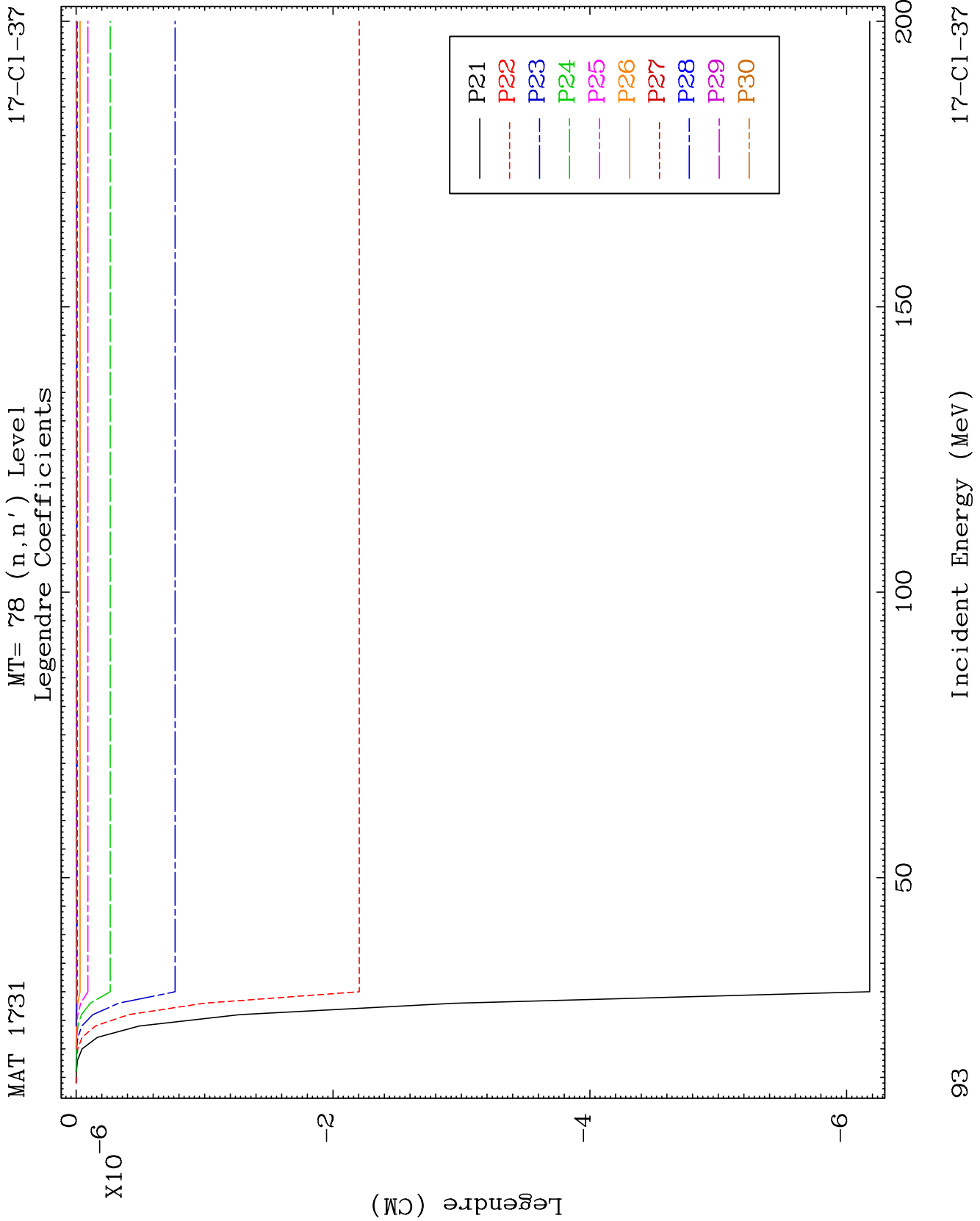
17-Cl-37

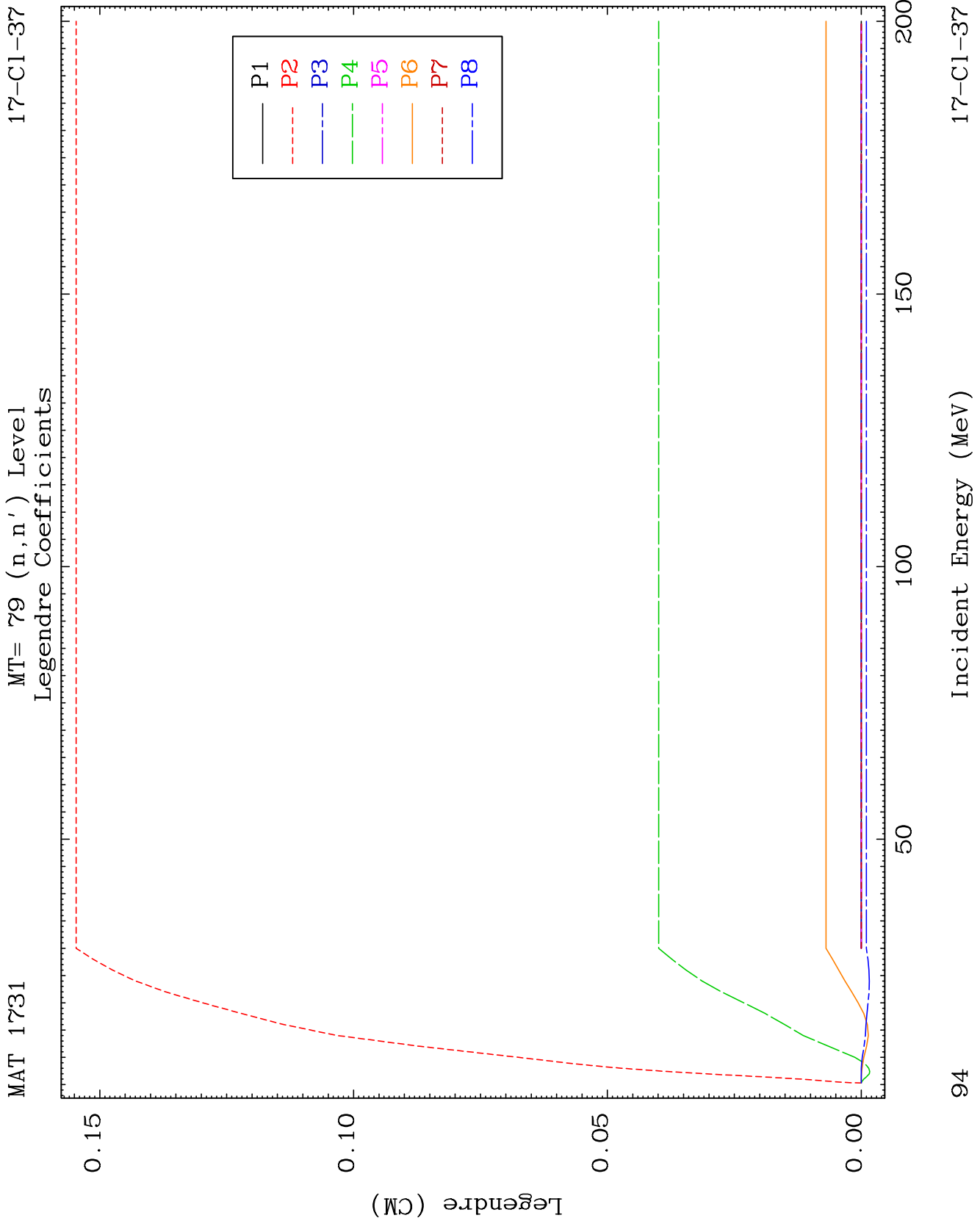


92

Incident Energy (MeV)

17-Cl-37

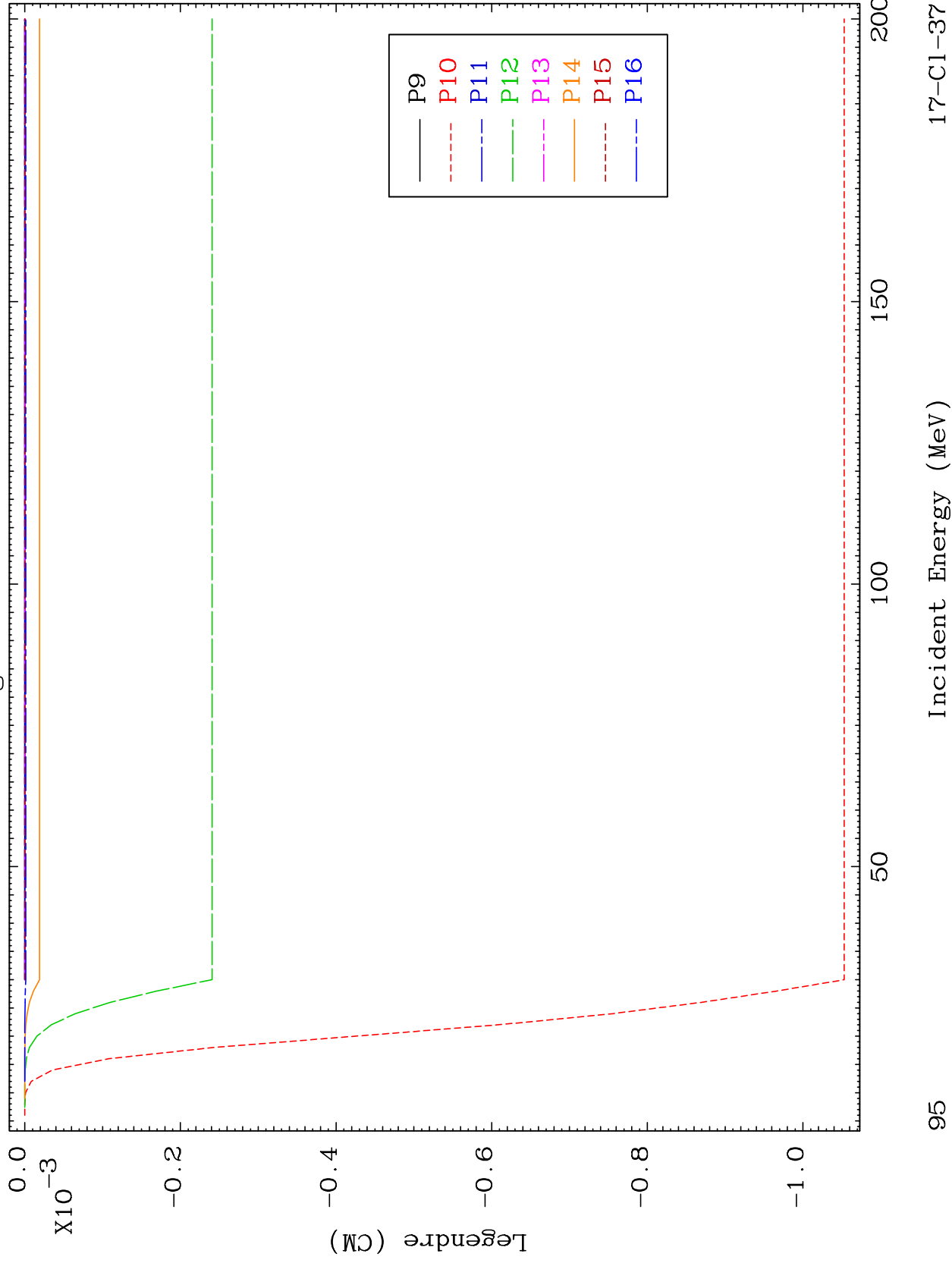


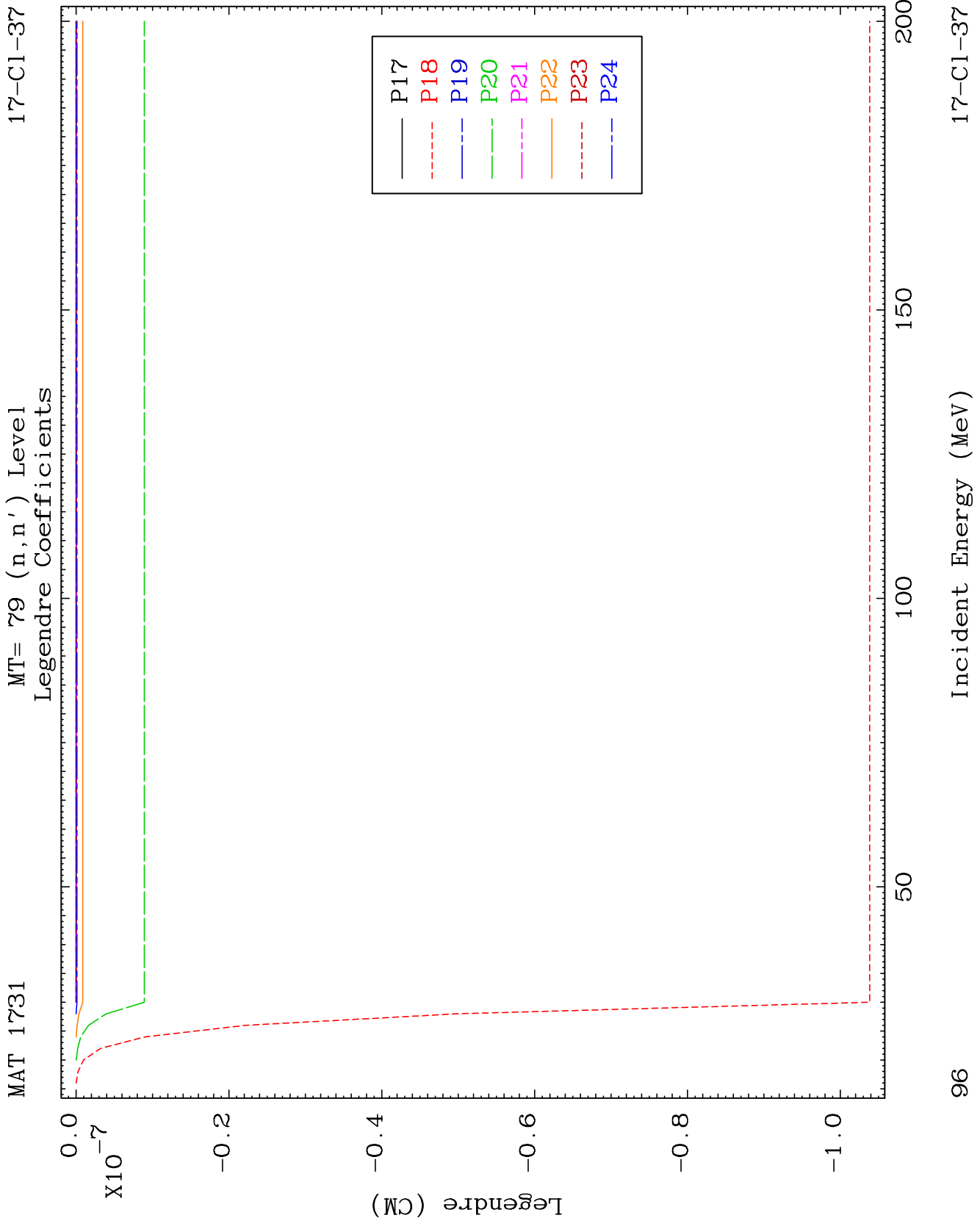


MAT 1731

MT= 79 (n,n') Level  
Legendre Coefficients

17-Cl-37

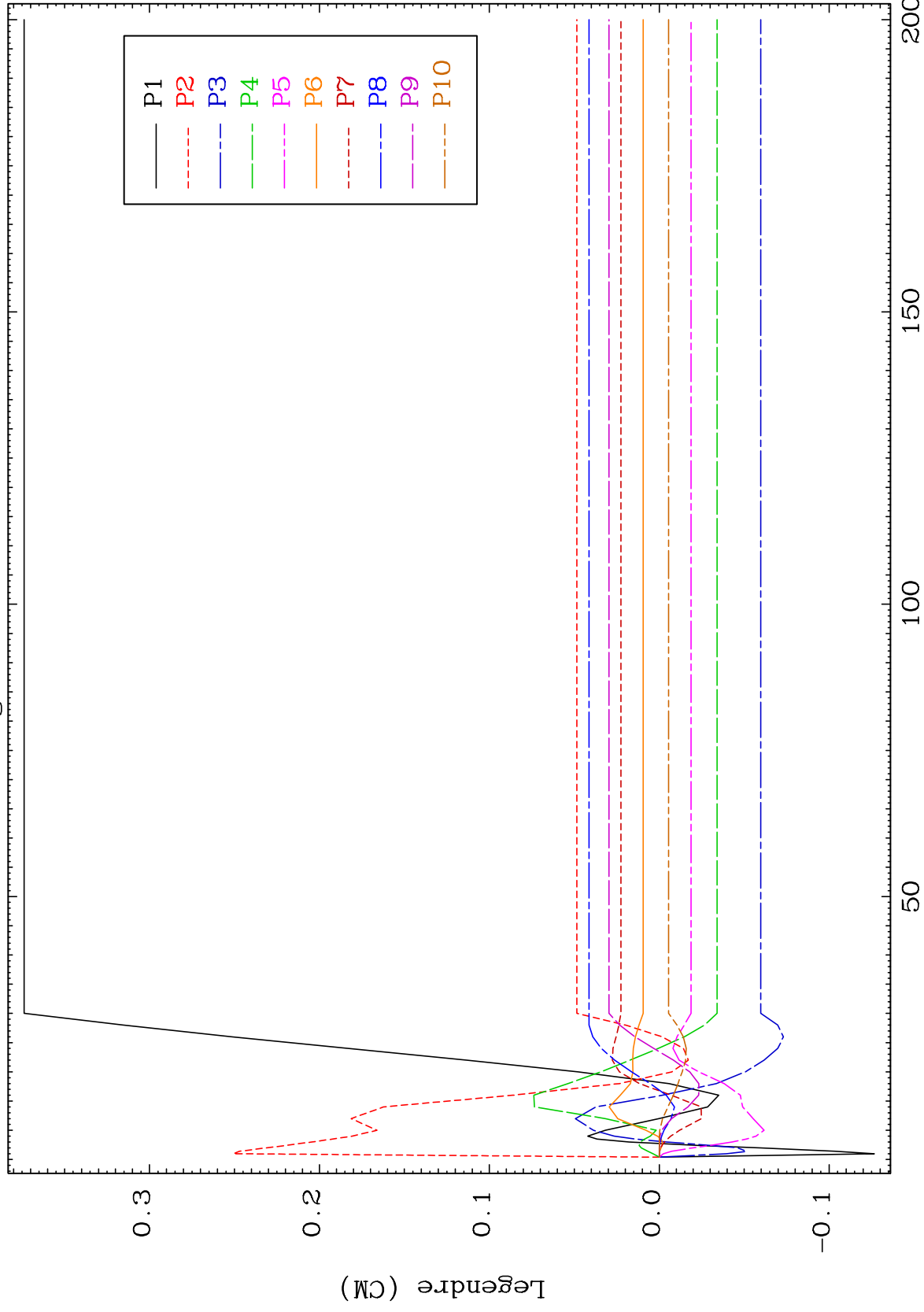




MAT 1731

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

17-Cl-37



97

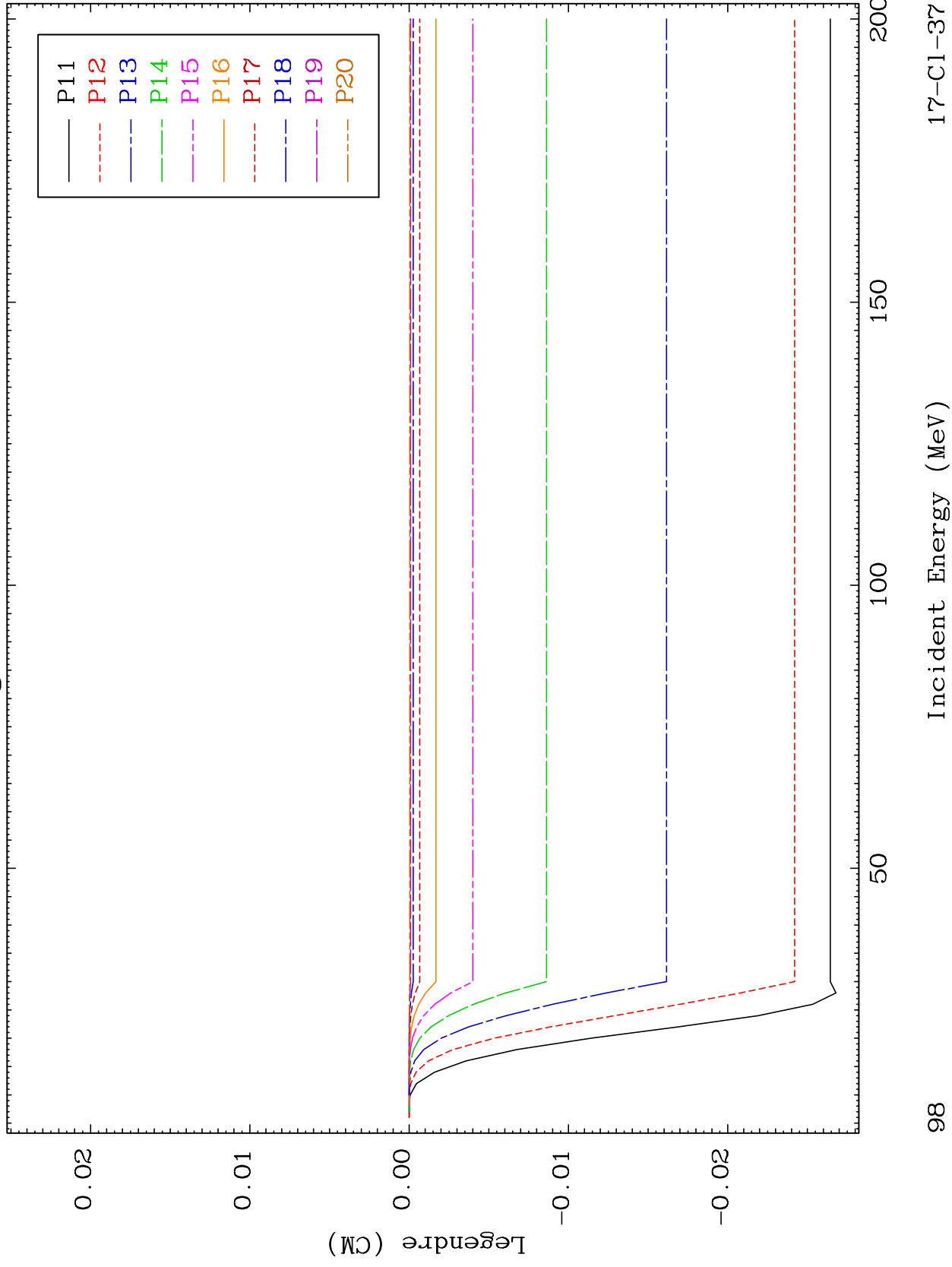
Incident Energy (MeV)

17-Cl-37

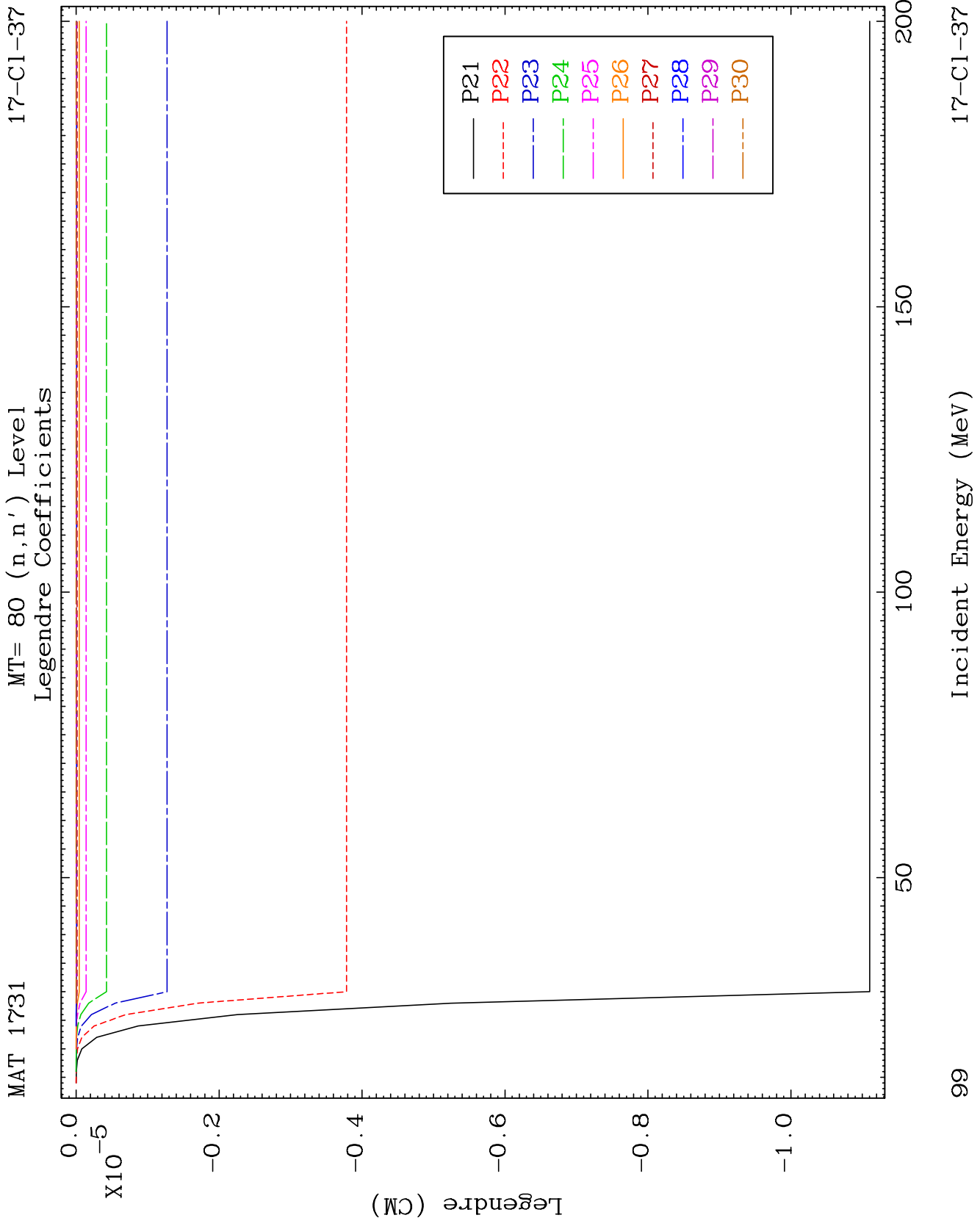
MAT 1731

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

17-Cl-37



98



MAT 1731

(n,  $\gamma$ )

17-Cl-37

Radionuclide Production Cross Section

