

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

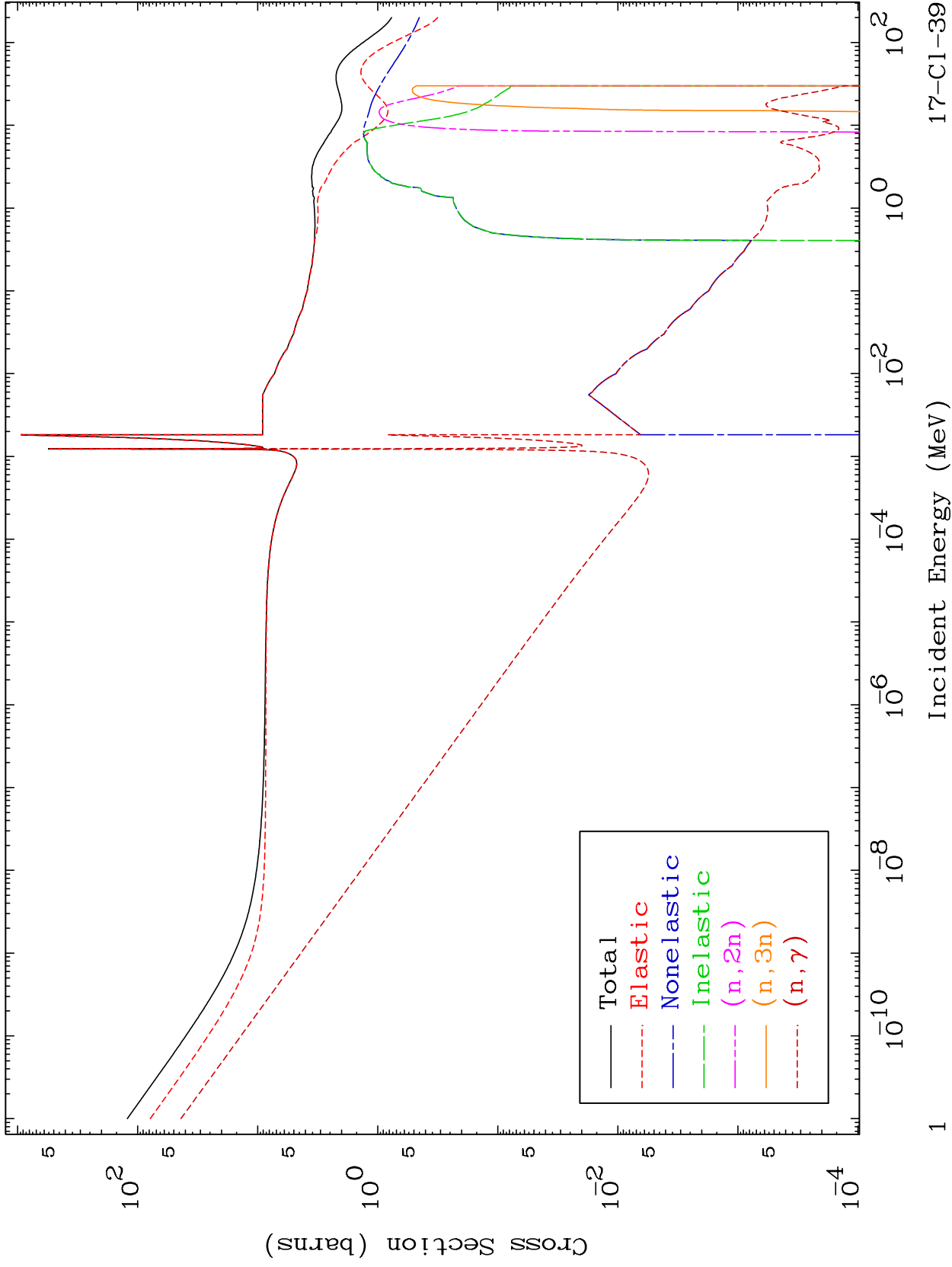
Web:redcullen1.net/HOMEPAGE.NEW

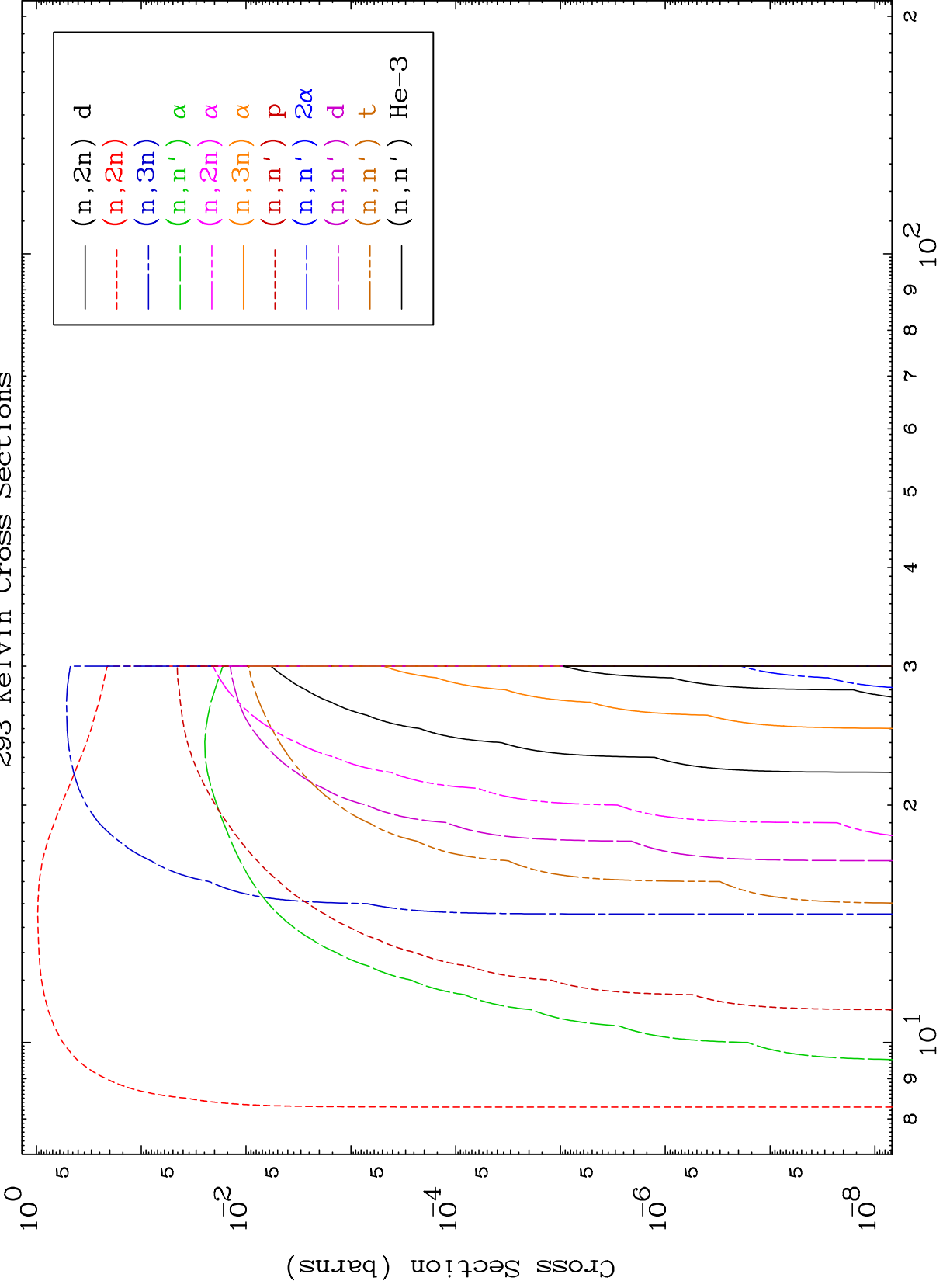
Press Mouse Button to Start

MAT 1737

Neutron Major
293 Kelvin Cross Sections

17-Cl-39

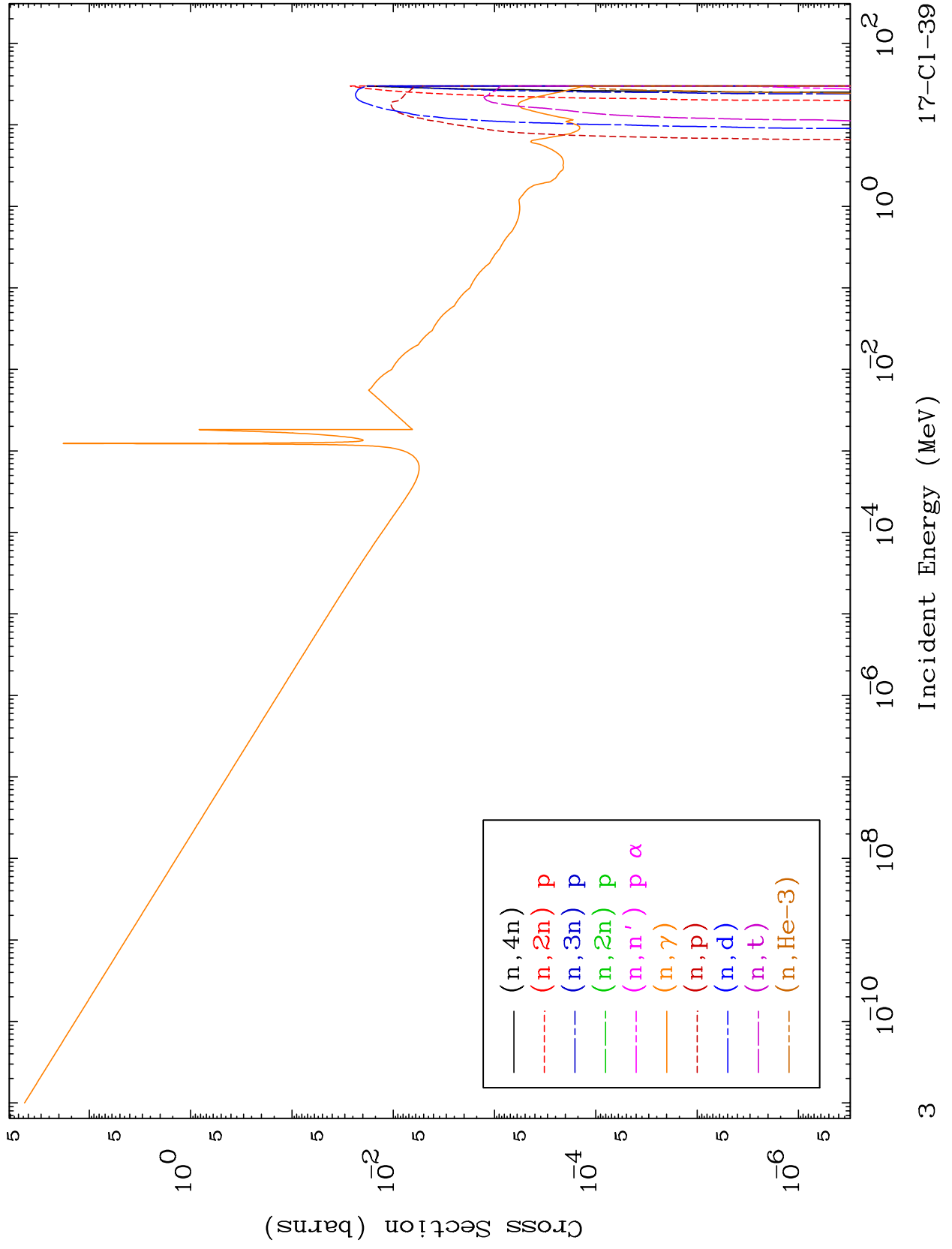


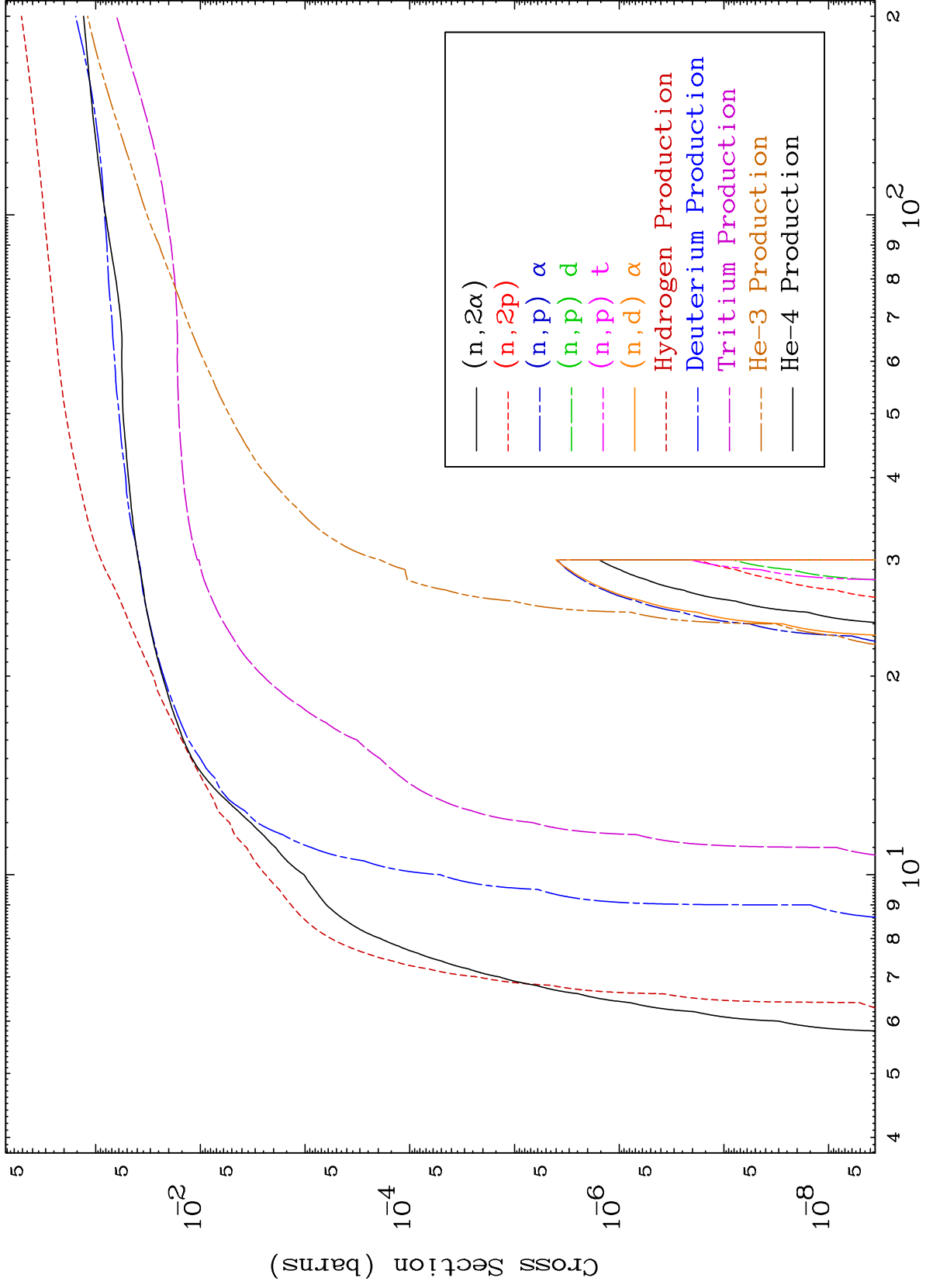


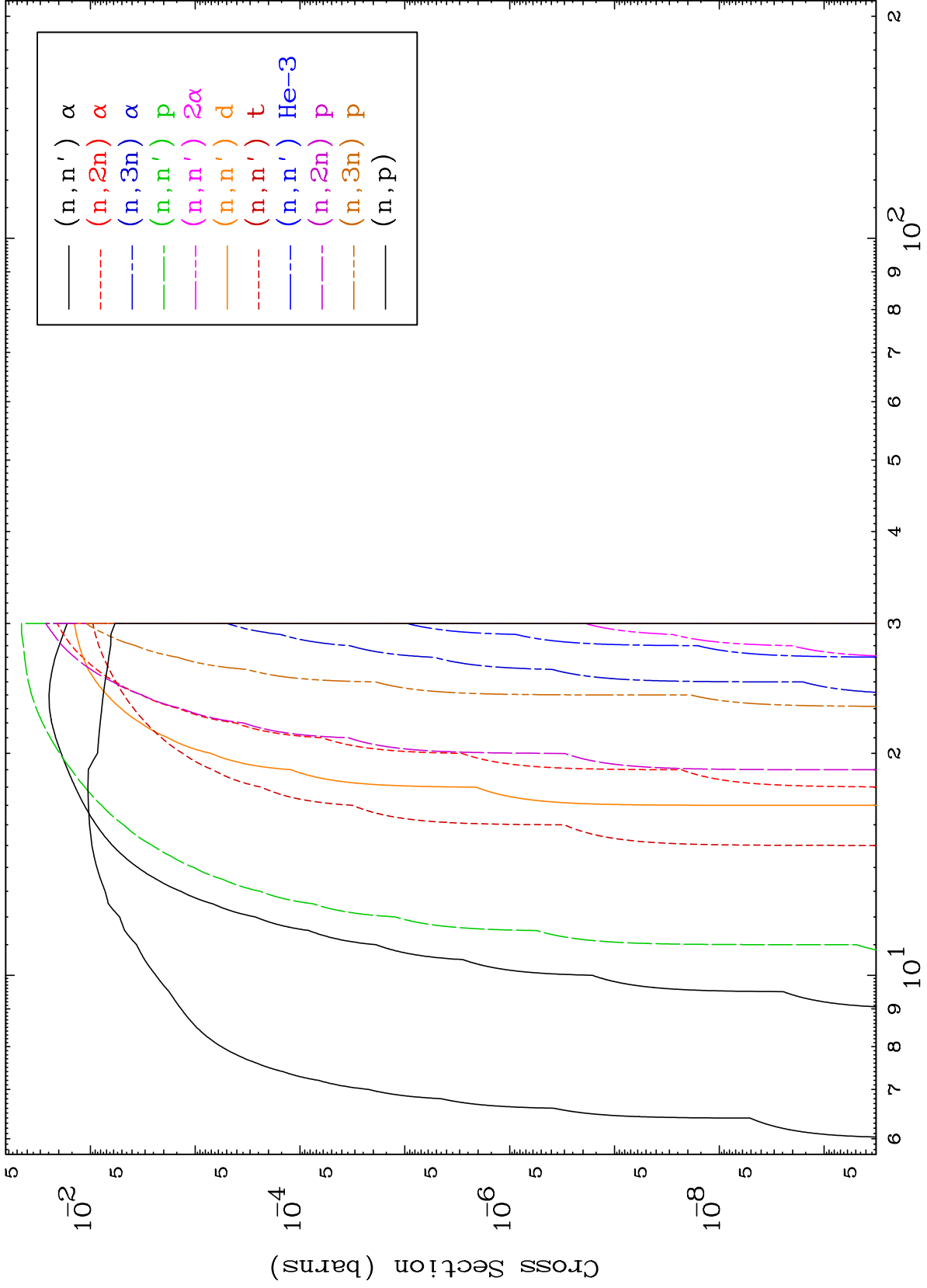
MAT 1737

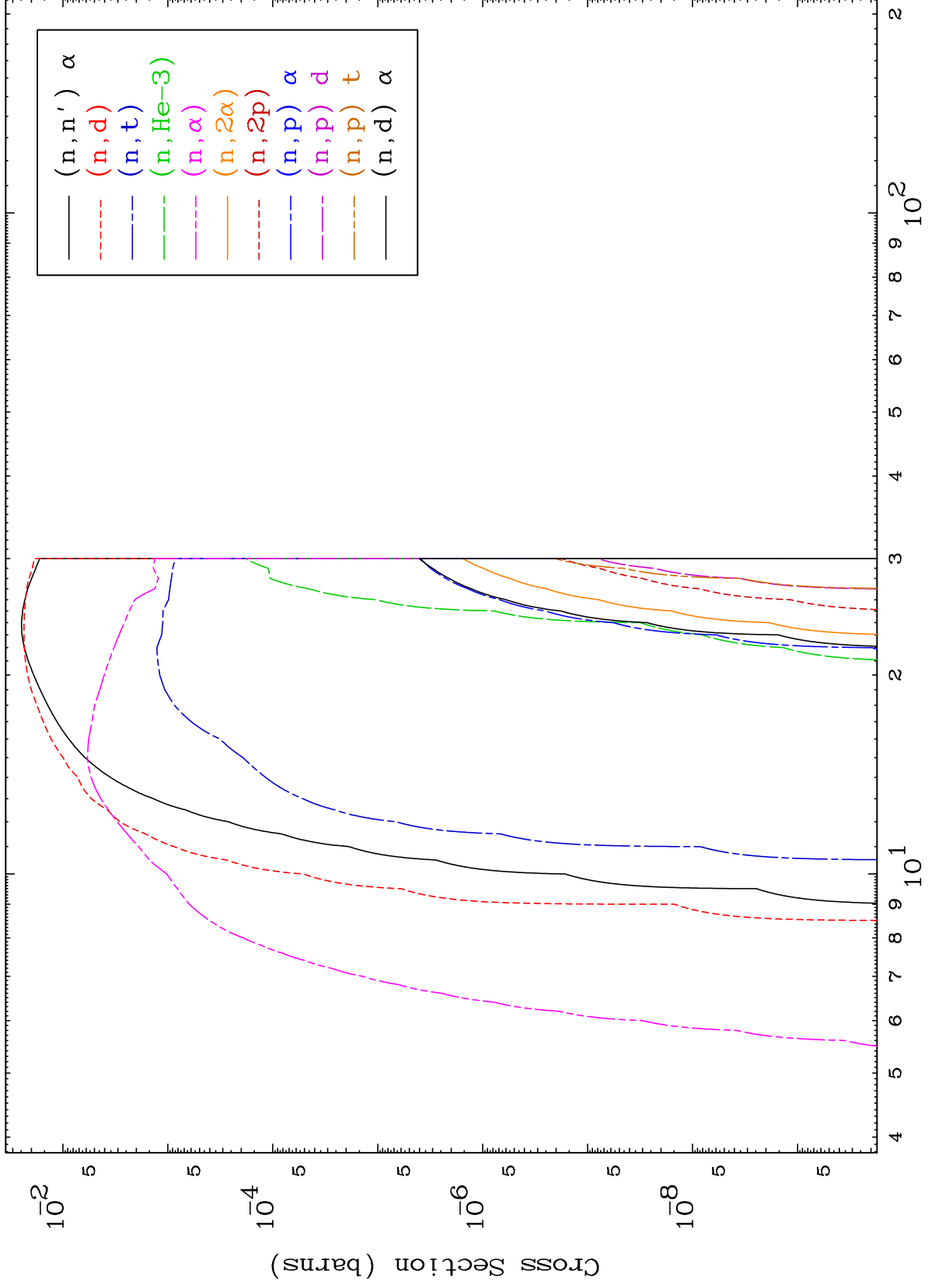
Neutron Absorption
293 Kelvin Cross Sections

17-Cl-39





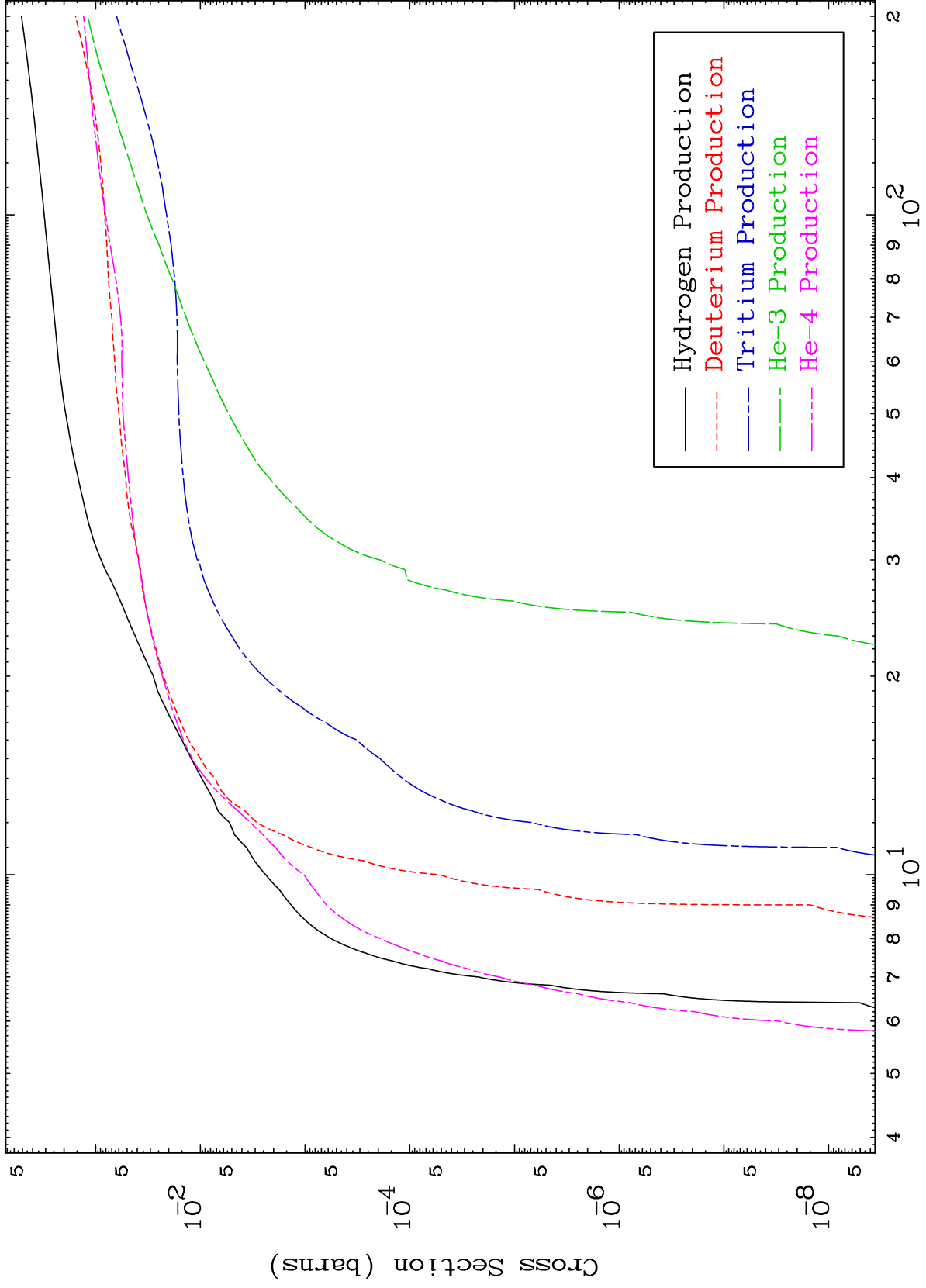




MAT 1737

Particle Production
293 Kelvin Cross Sections

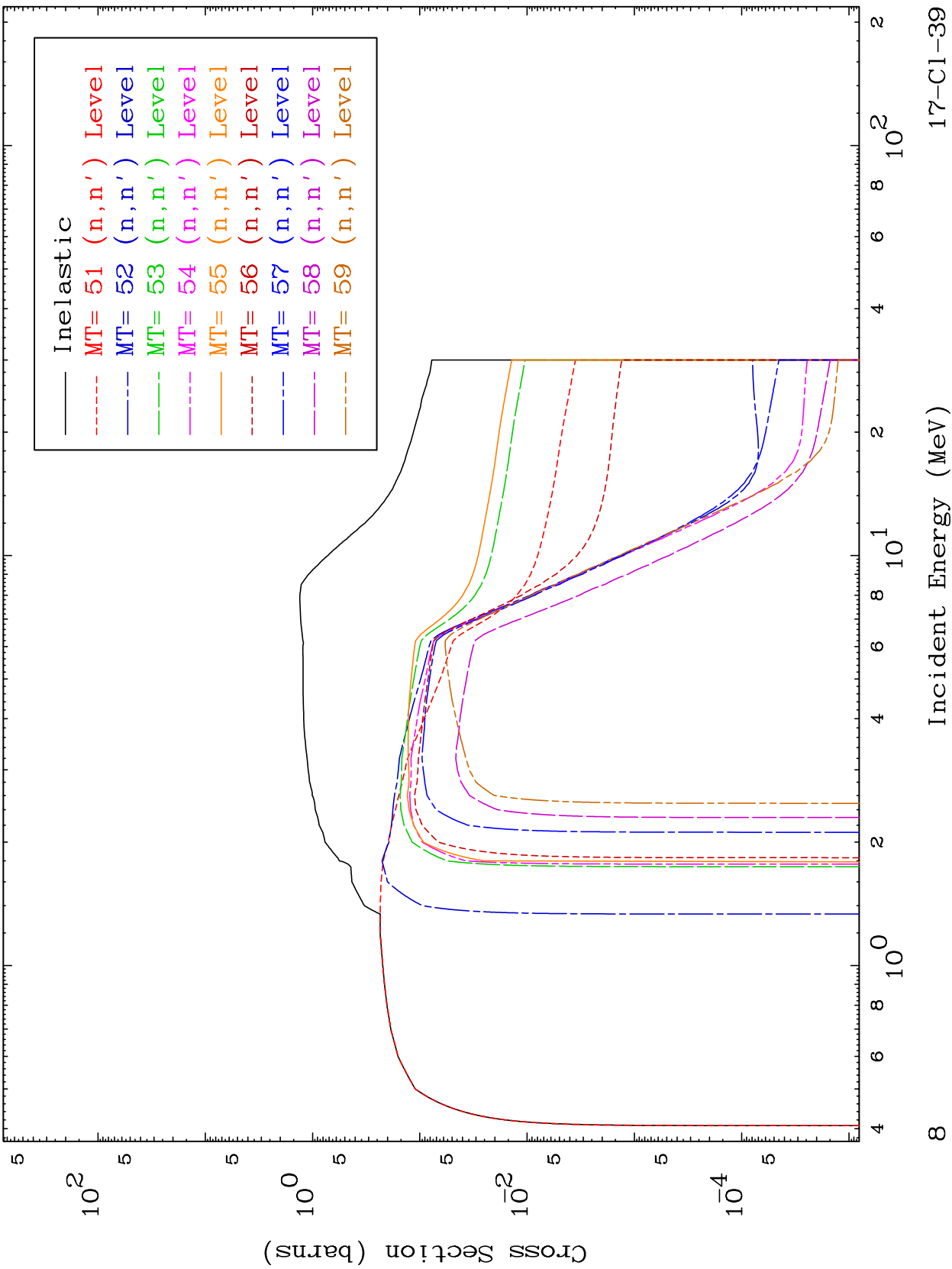
17-Cl-39

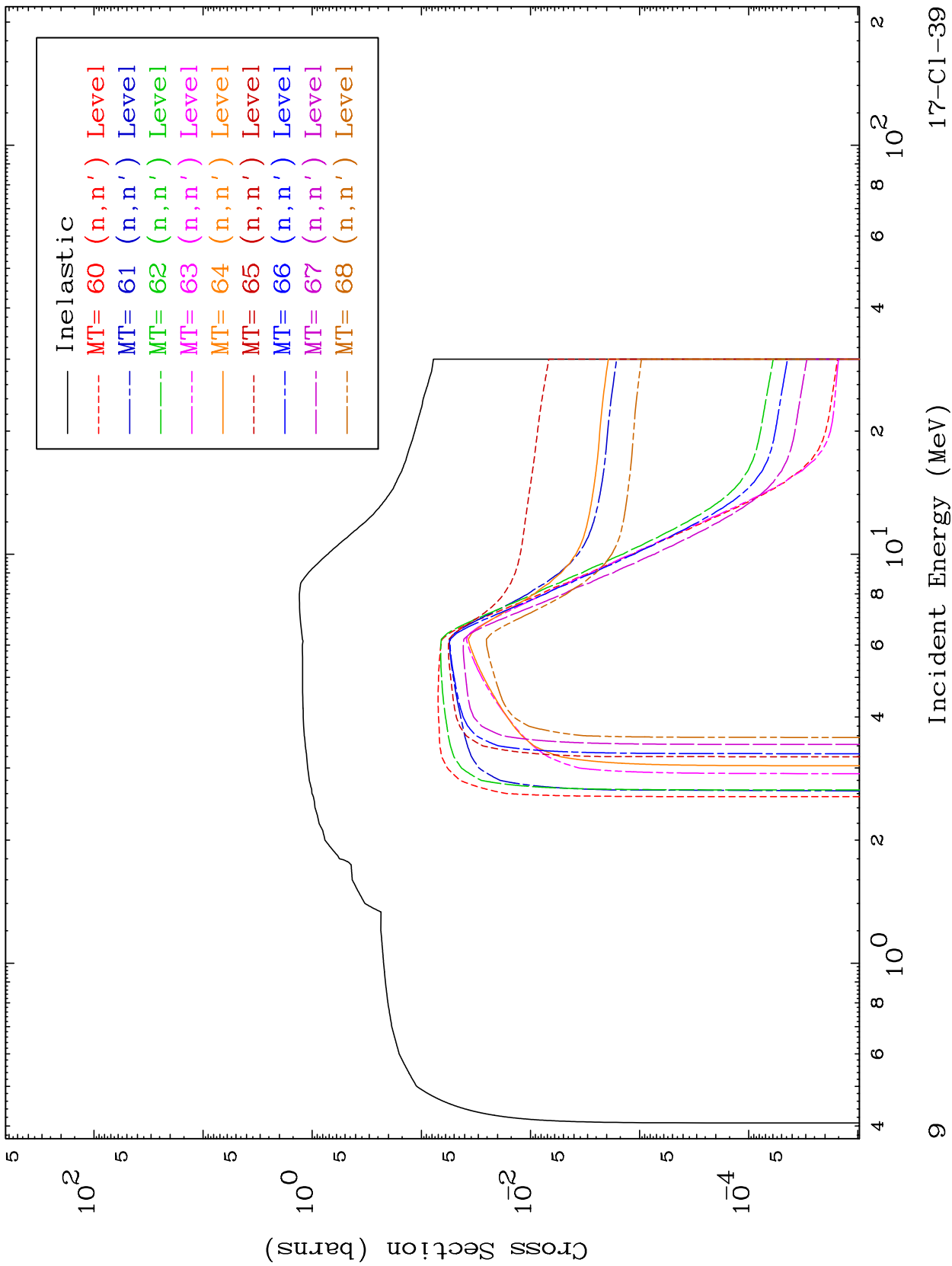


7

Incident Energy (MeV)

17-Cl-39

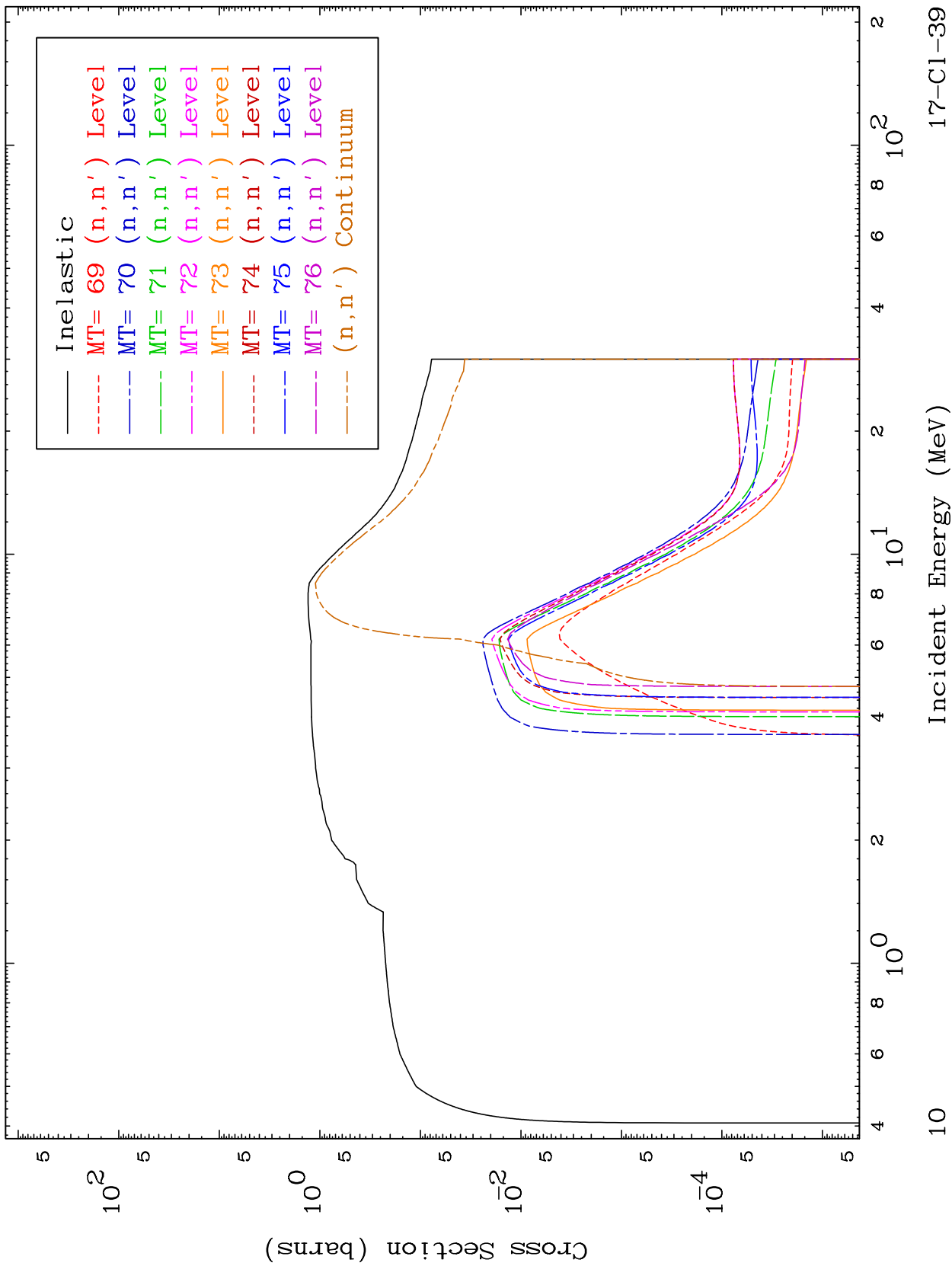




MAT 1737

(n,n') Levels
293 Kelvin Cross Sections

17-Cl-39



17-Cl-39

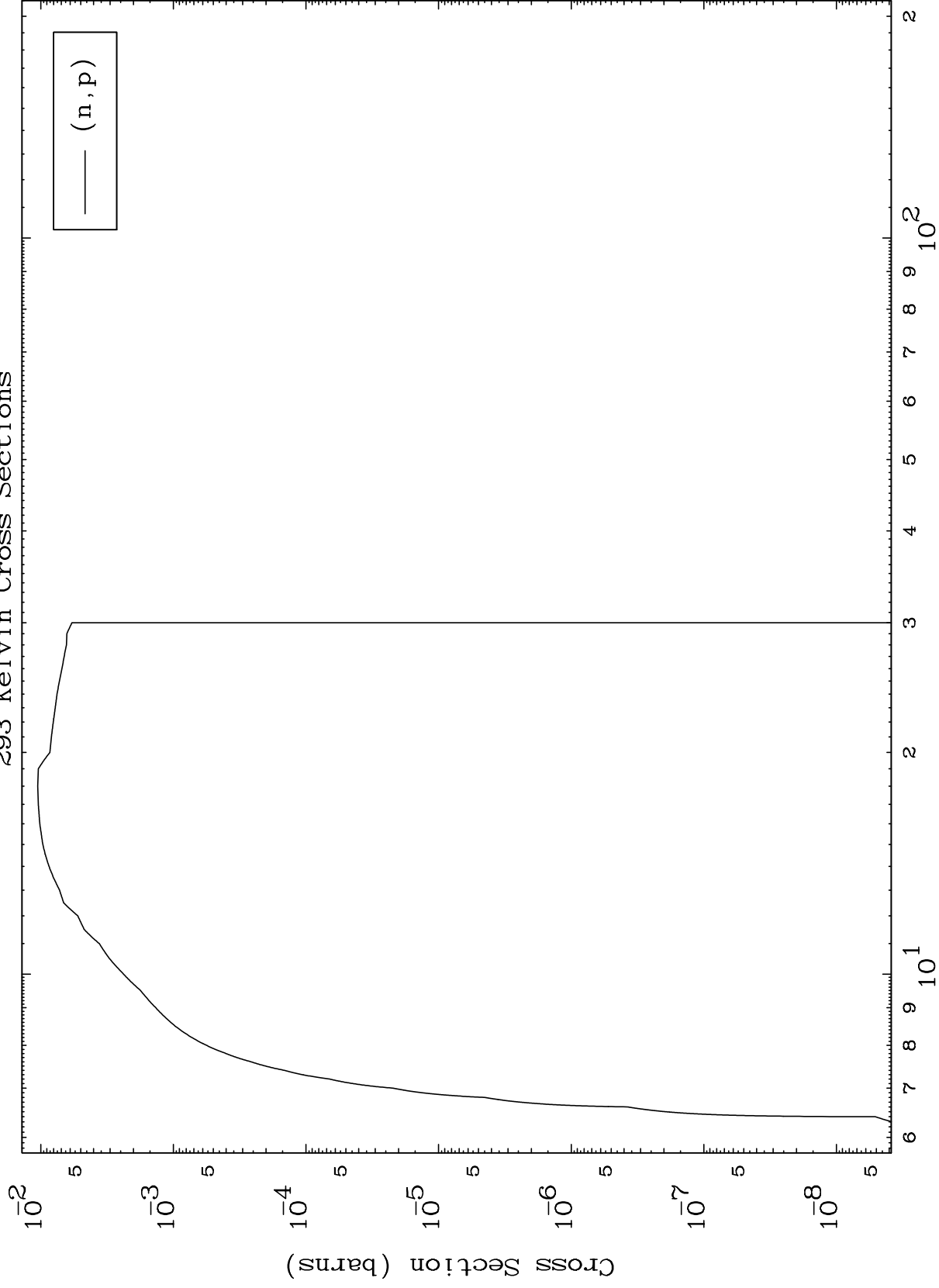
Incident Energy (MeV)

10

MAT 1737

(n,p) Levels
293 Kelvin Cross Sections

17-Cl-39



11

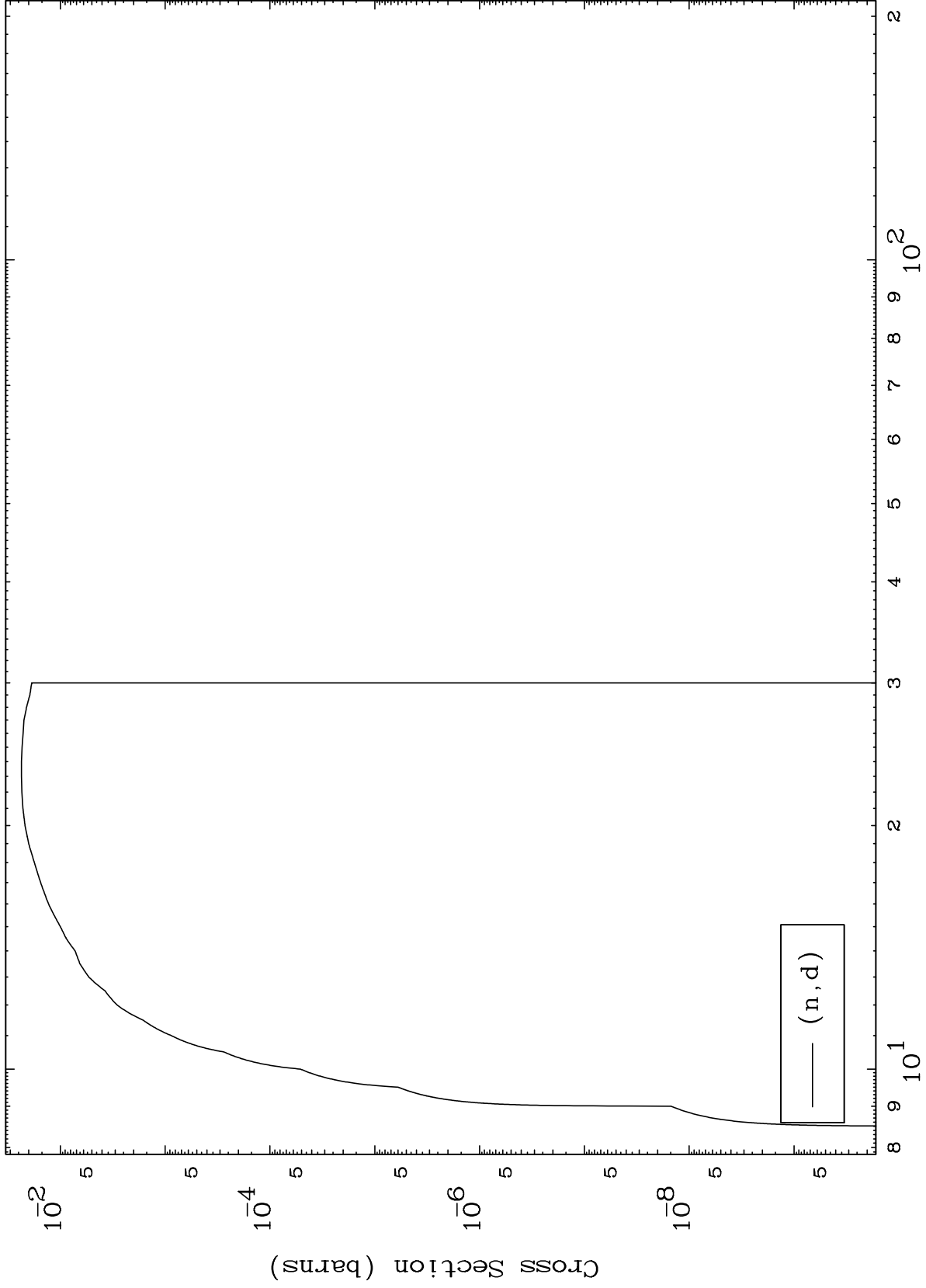
Incident Energy (MeV)

17-Cl-39

MAT 1737

(n,d) Levels
293 Kelvin Cross Sections

17-Cl-39



12

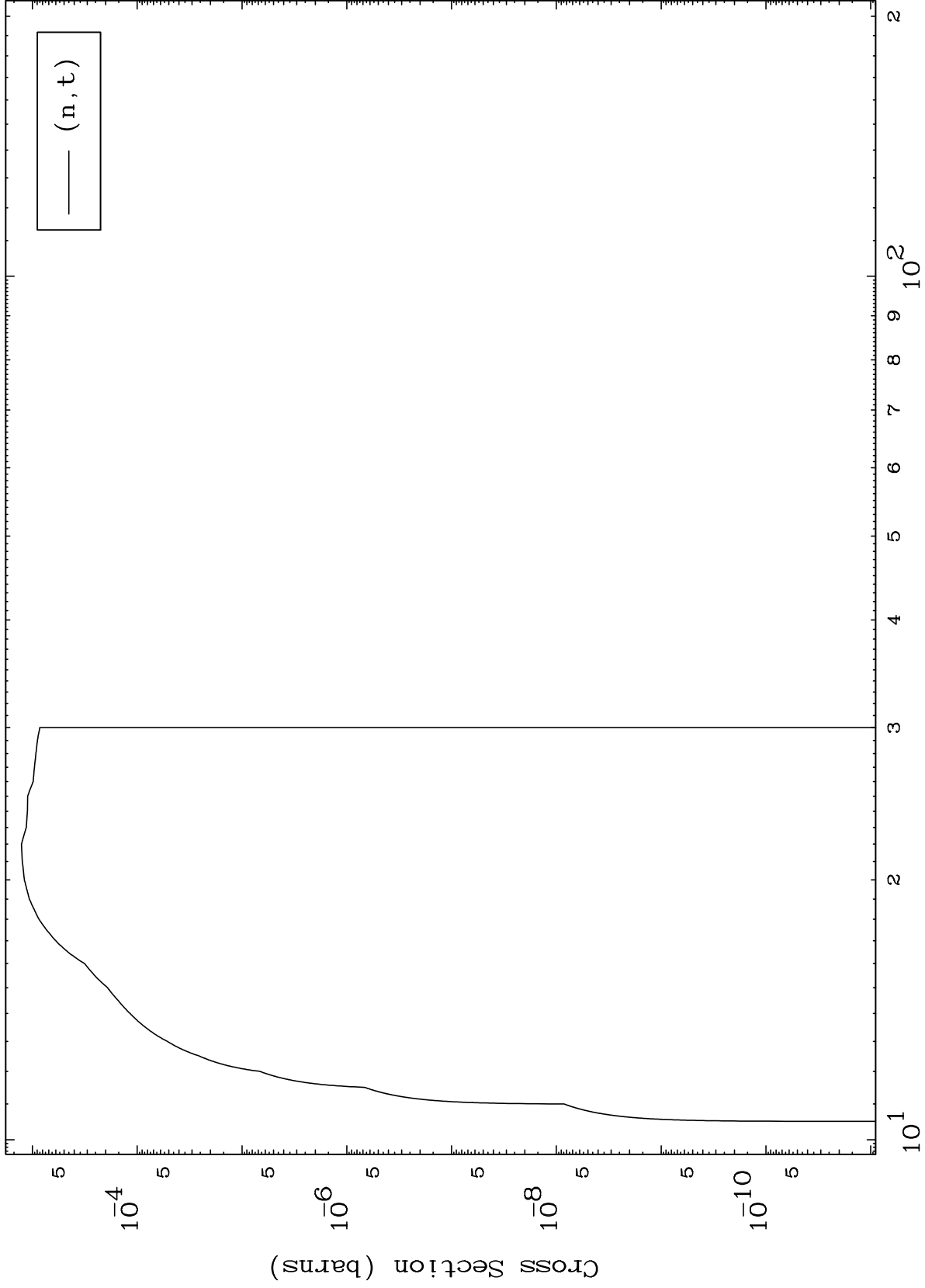
Incident Energy (MeV)

17-Cl-39

MAT 1737

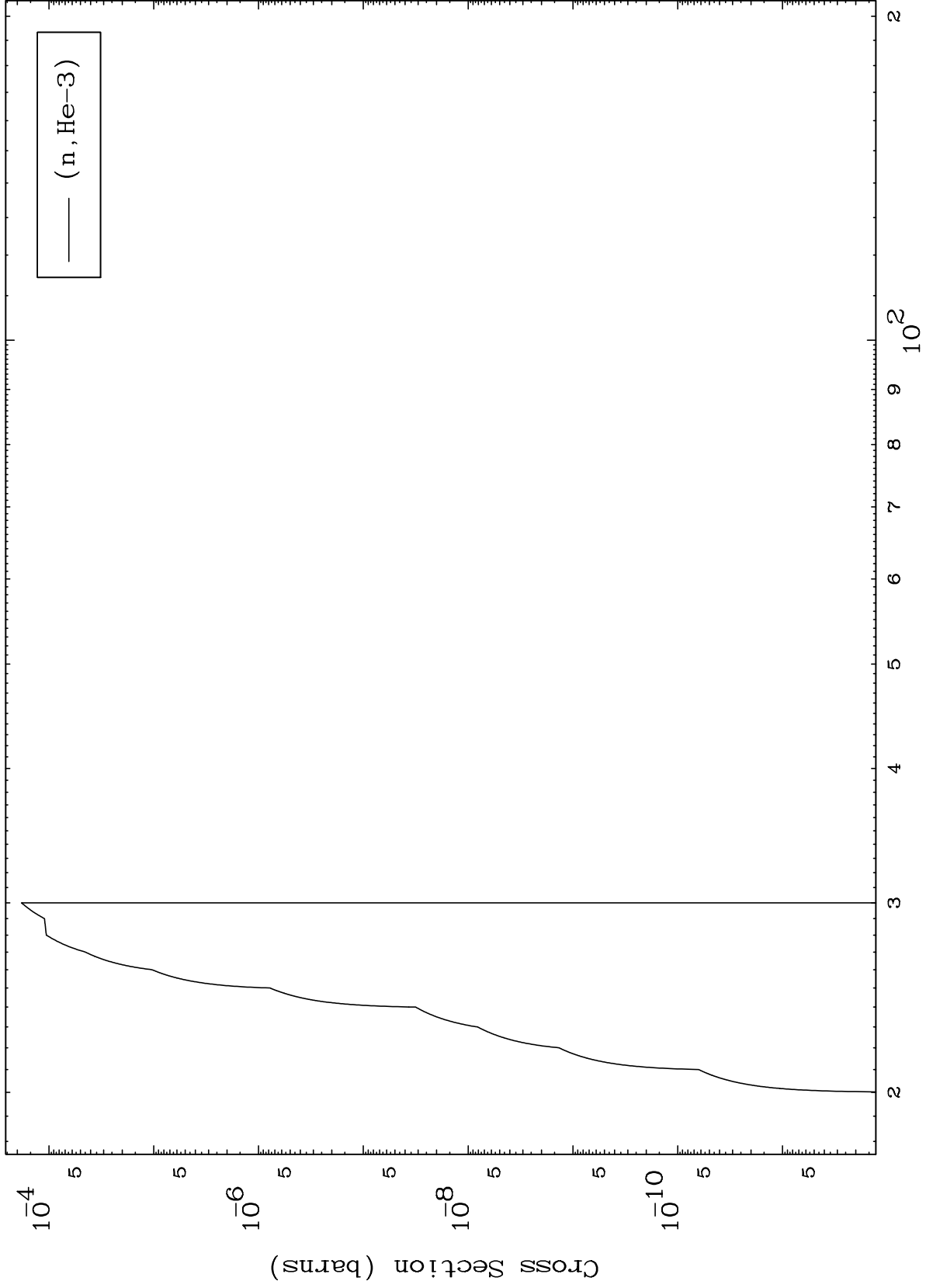
(n,t) Levels
293 Kelvin Cross Sections

17-Cl-39



Incident Energy (MeV)

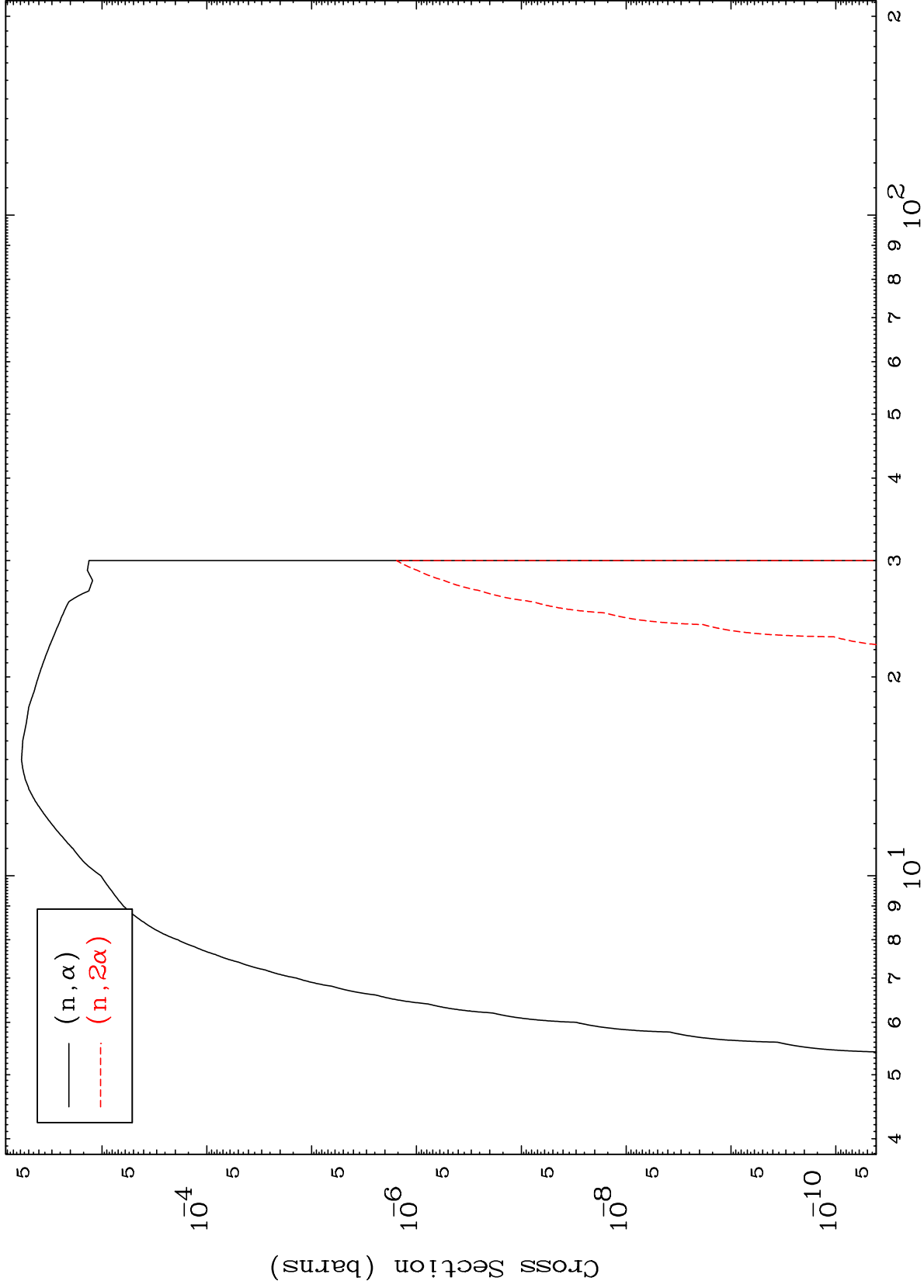
17-Cl-39



MAT 1737

(n, α) Levels
293 Kelvin Cross Sections

17-Cl-39



15

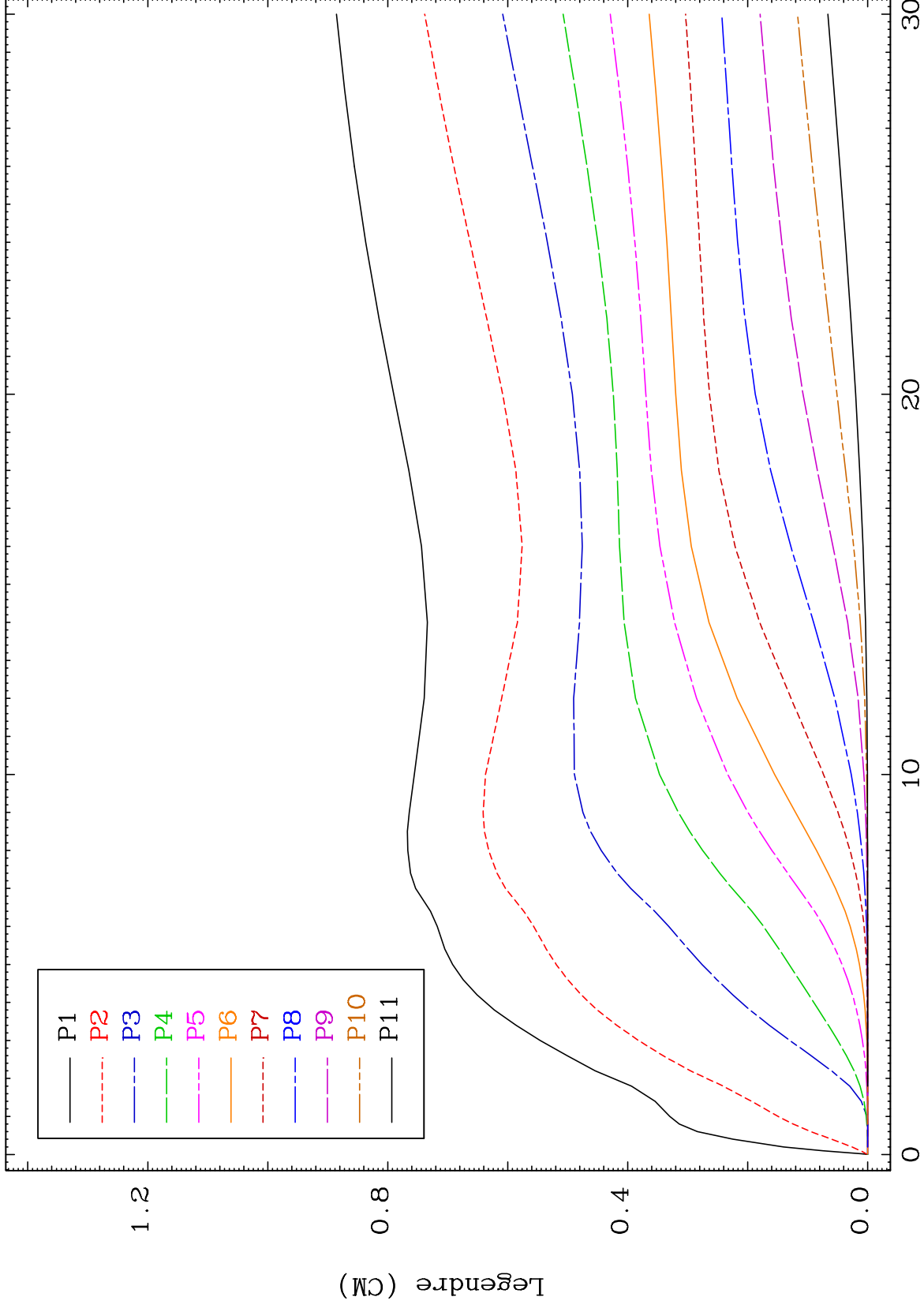
Incident Energy (MeV)

17-Cl-39

MAT 1737

Elastic Legendre Coefficients

17-Cl-39



16

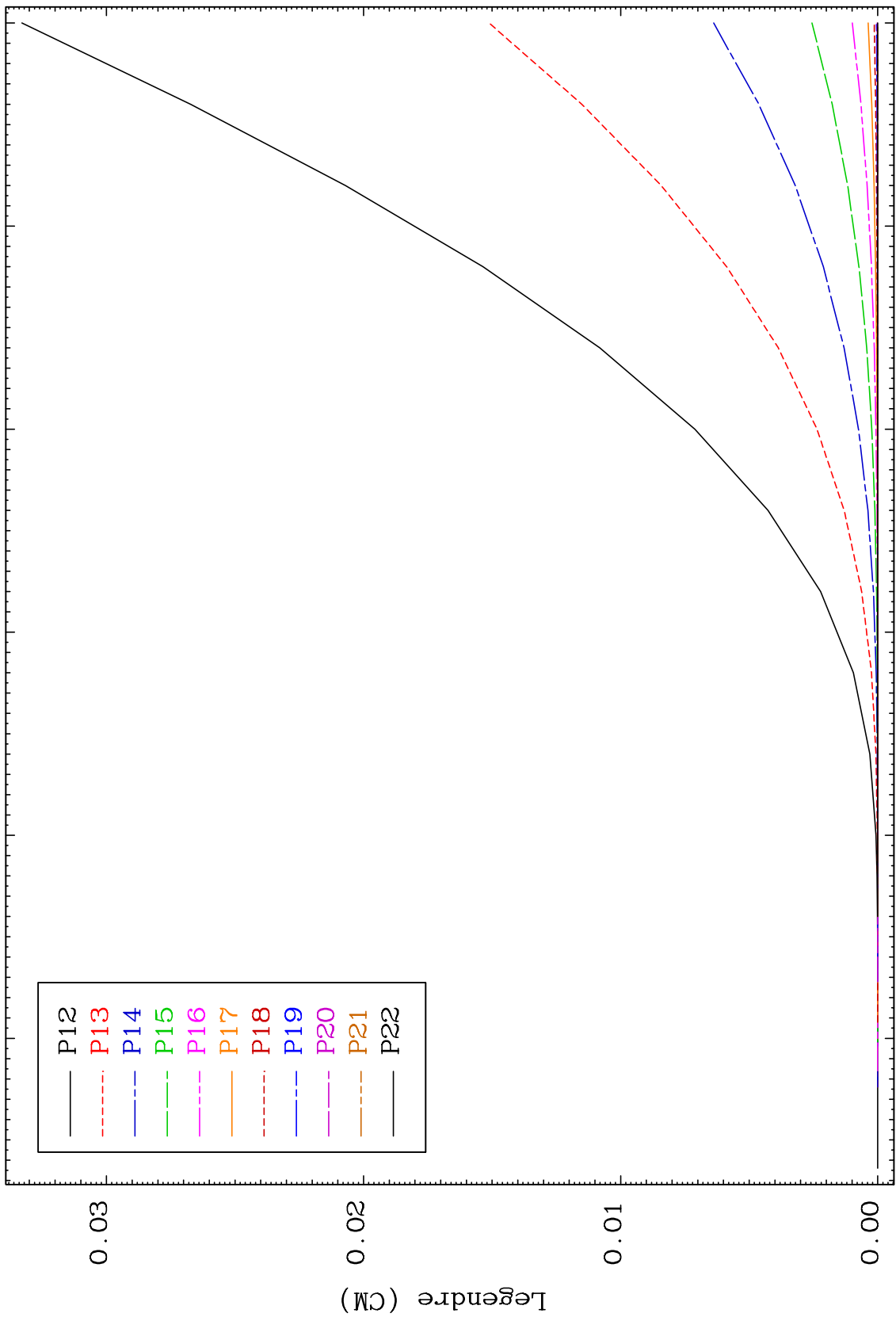
Incident Energy (MeV)

17-Cl-39

MAT 1737

Elastic Legendre Coefficients

17-Cl-39



17

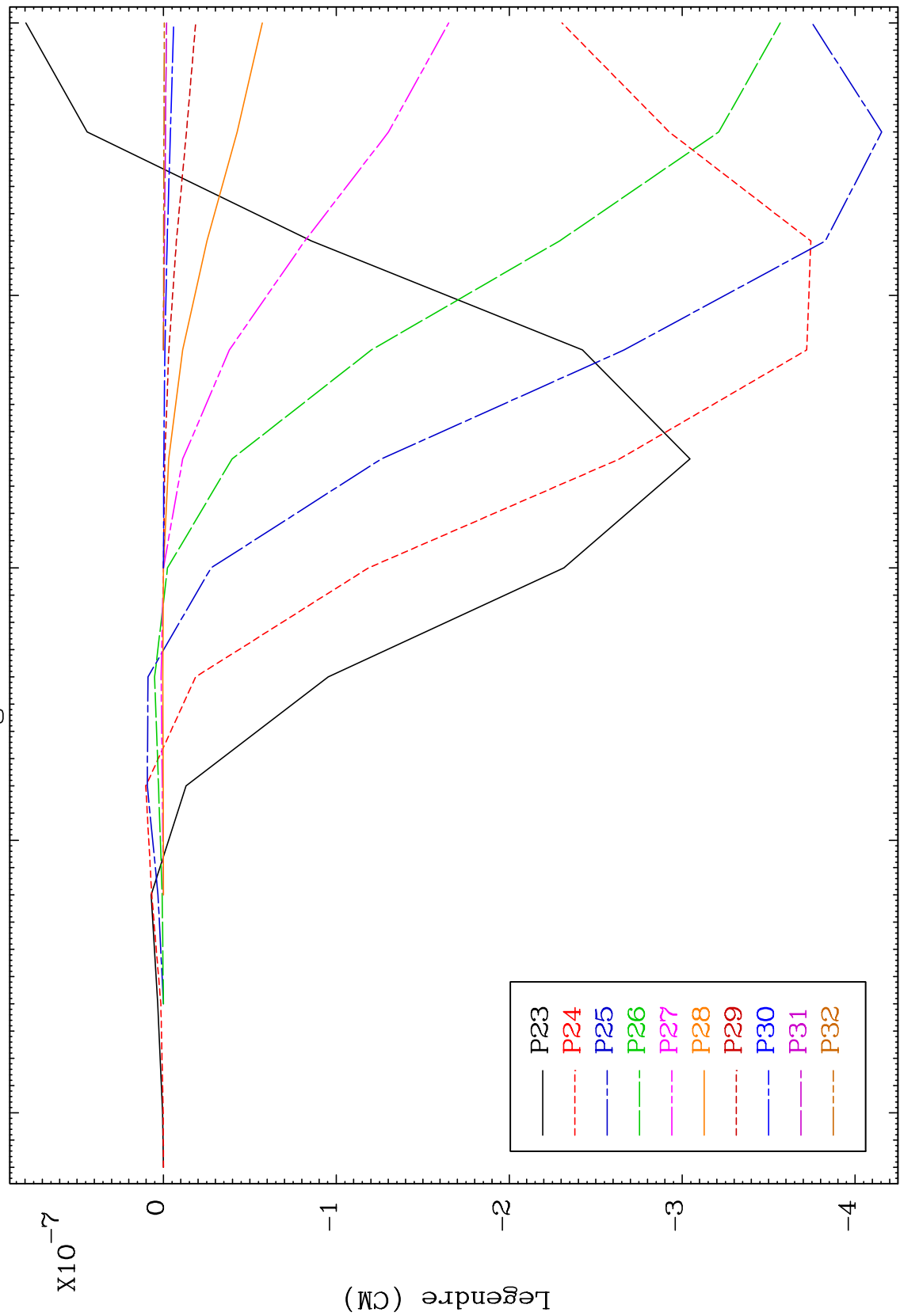
17-Cl-39

Incident Energy (MeV)

MAT 1737

Elastic Legendre Coefficients

17-Cl-39



18

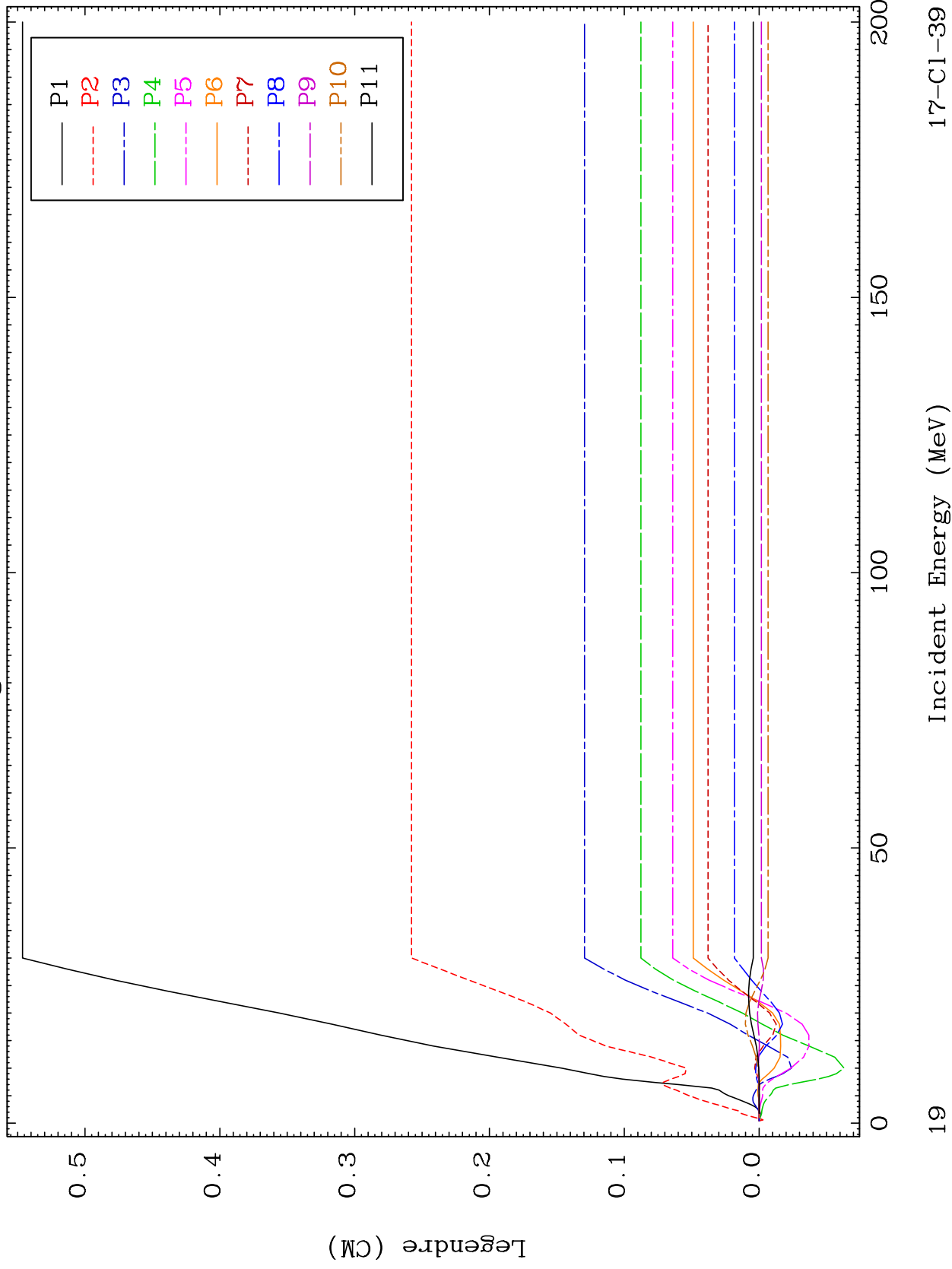
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39

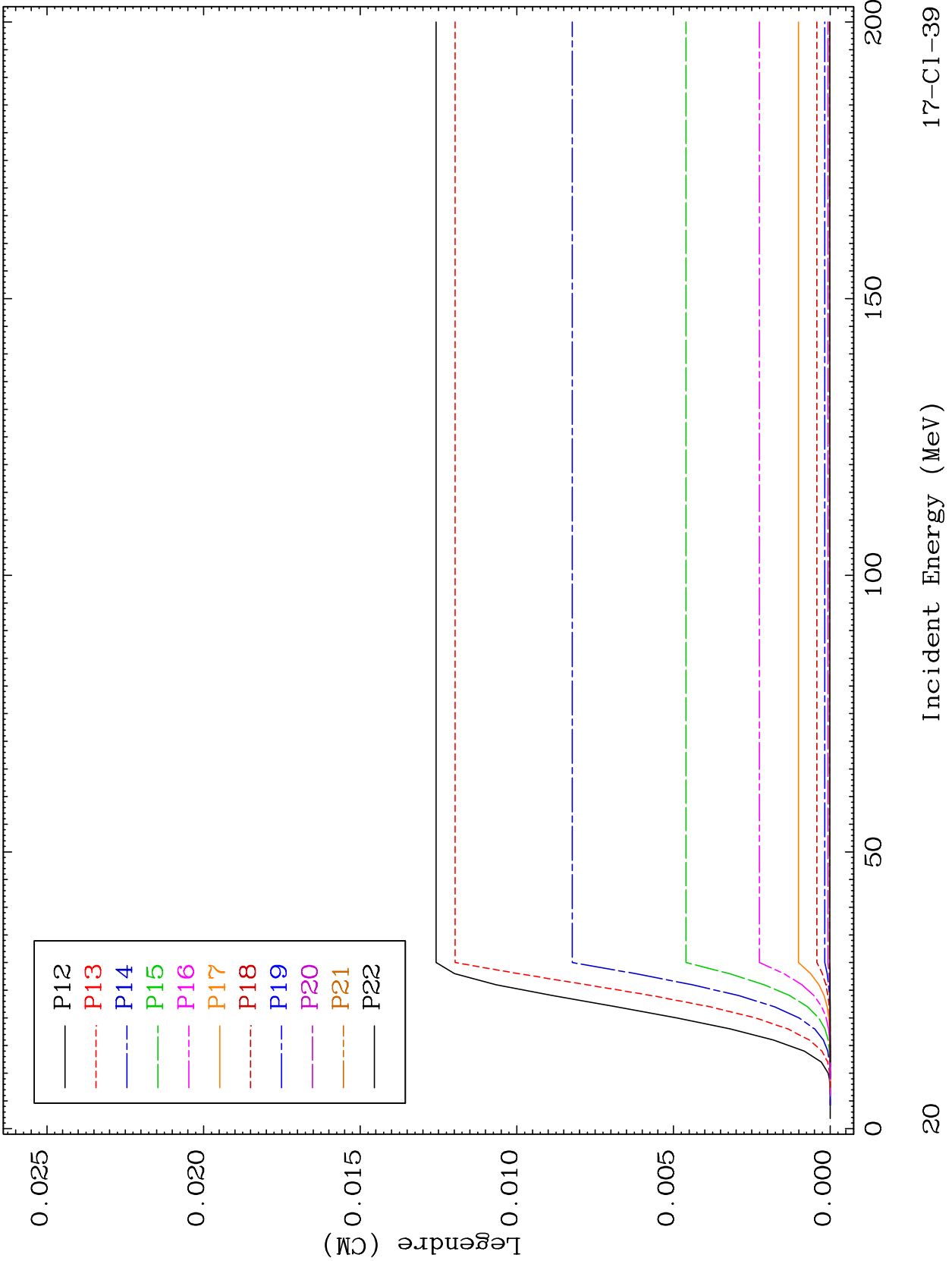


19

MAT 1737

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

17-Cl-39

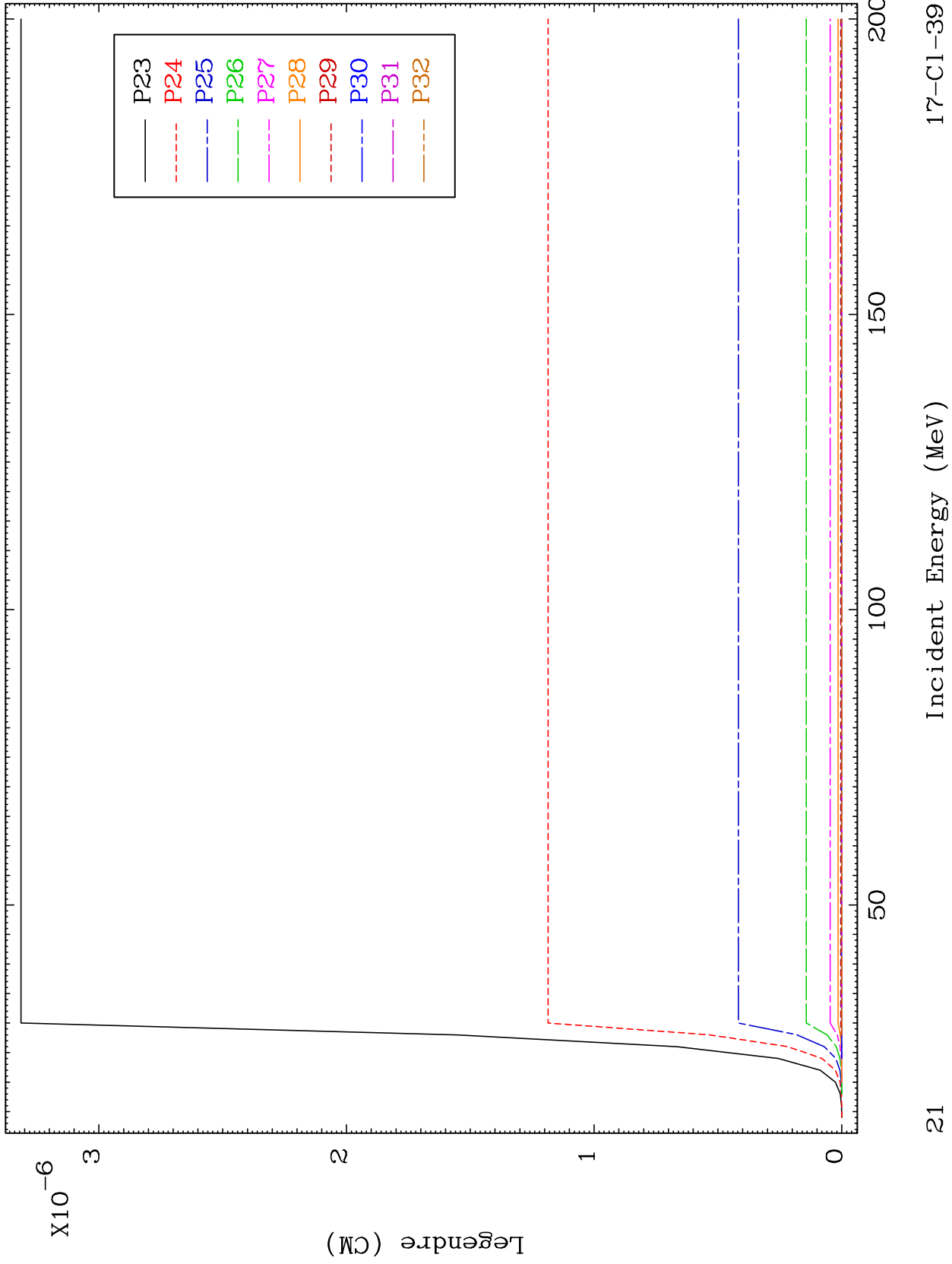


17-Cl-39

MAT 1737

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

17-Cl-39

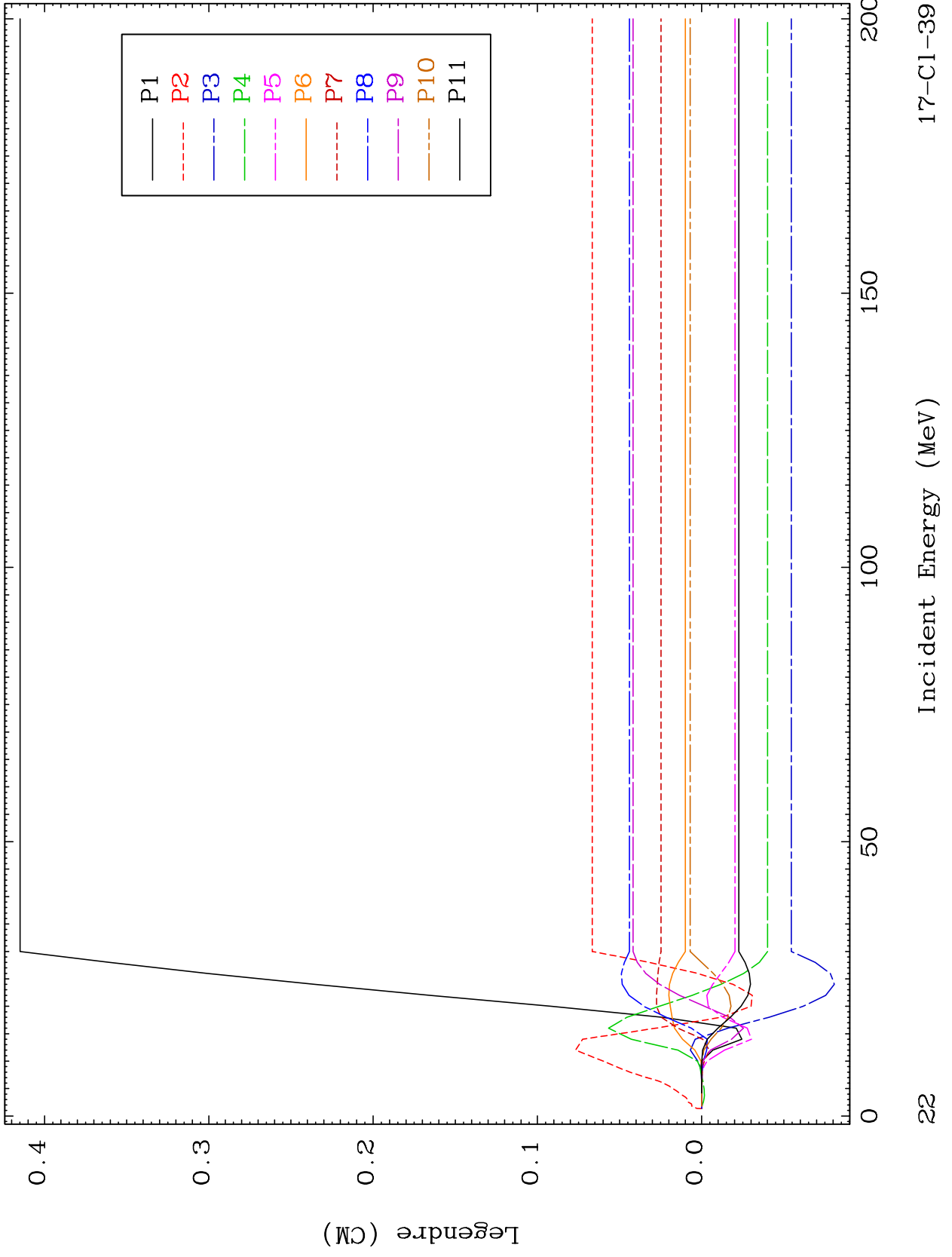


21

MAT 1737

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

17-C1-39



22

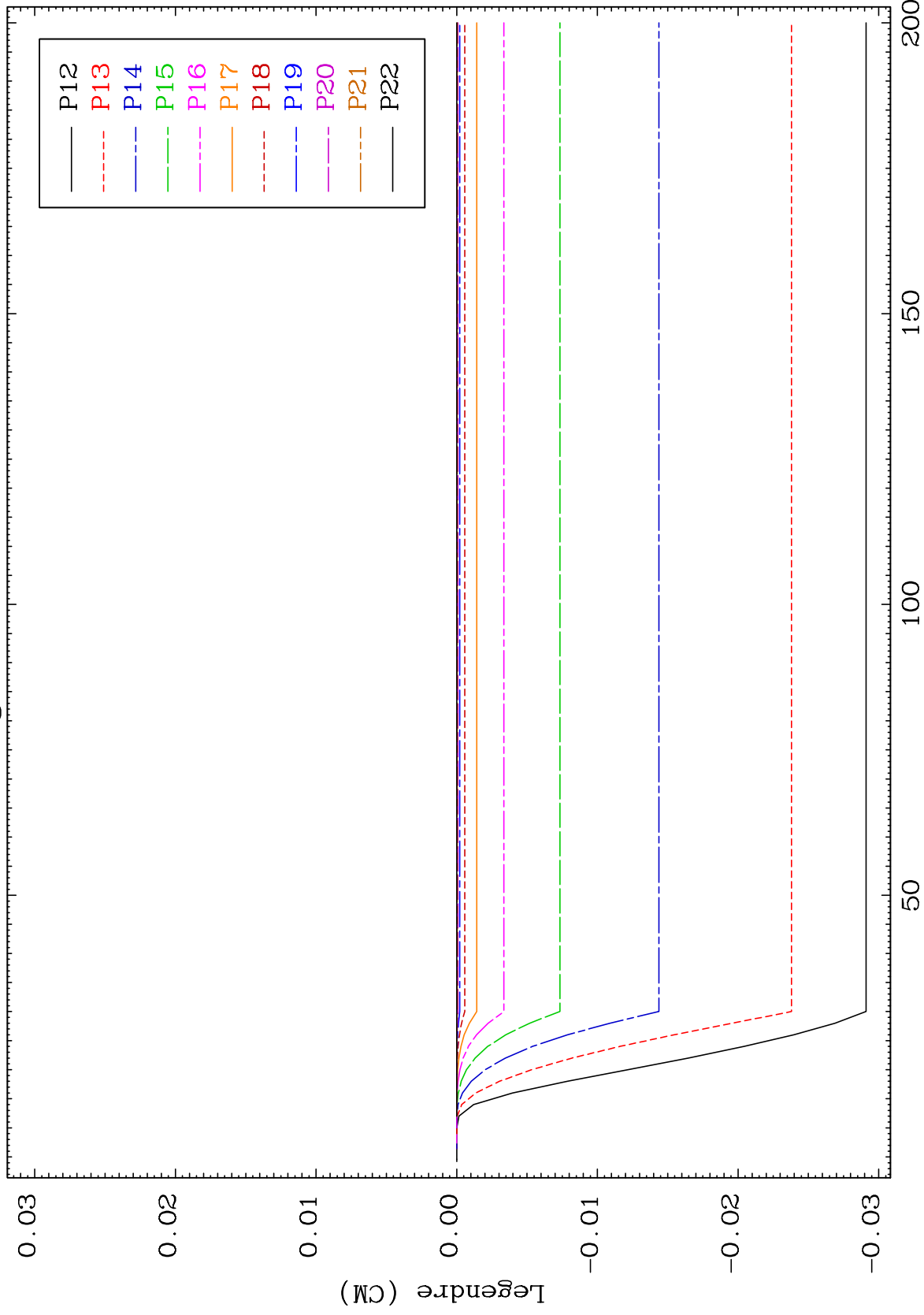
Incident Energy (MeV)

17-C1-39

MAT 1737

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

17-Cl-39



23

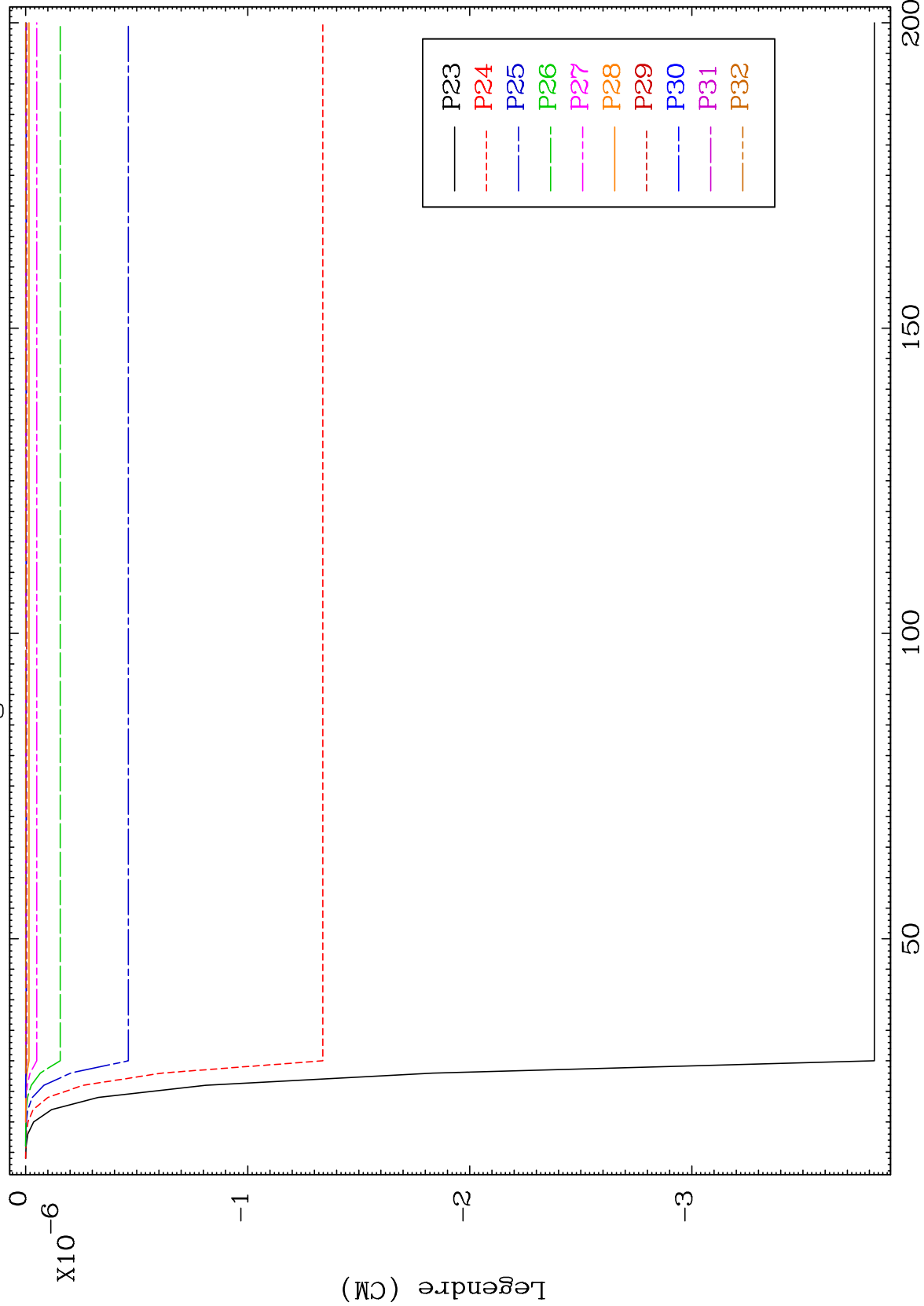
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-C1-39



24

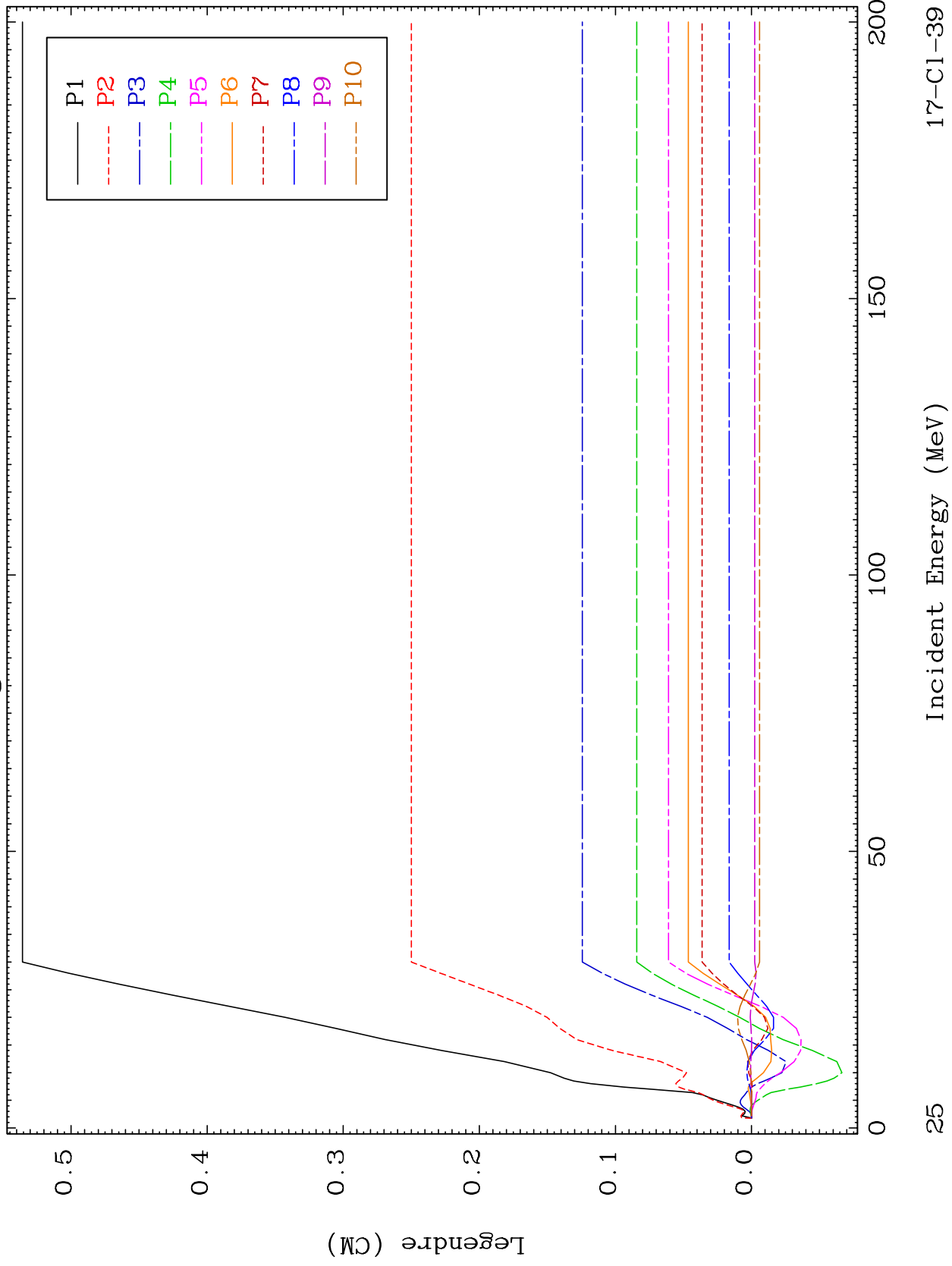
Incident Energy (MeV)

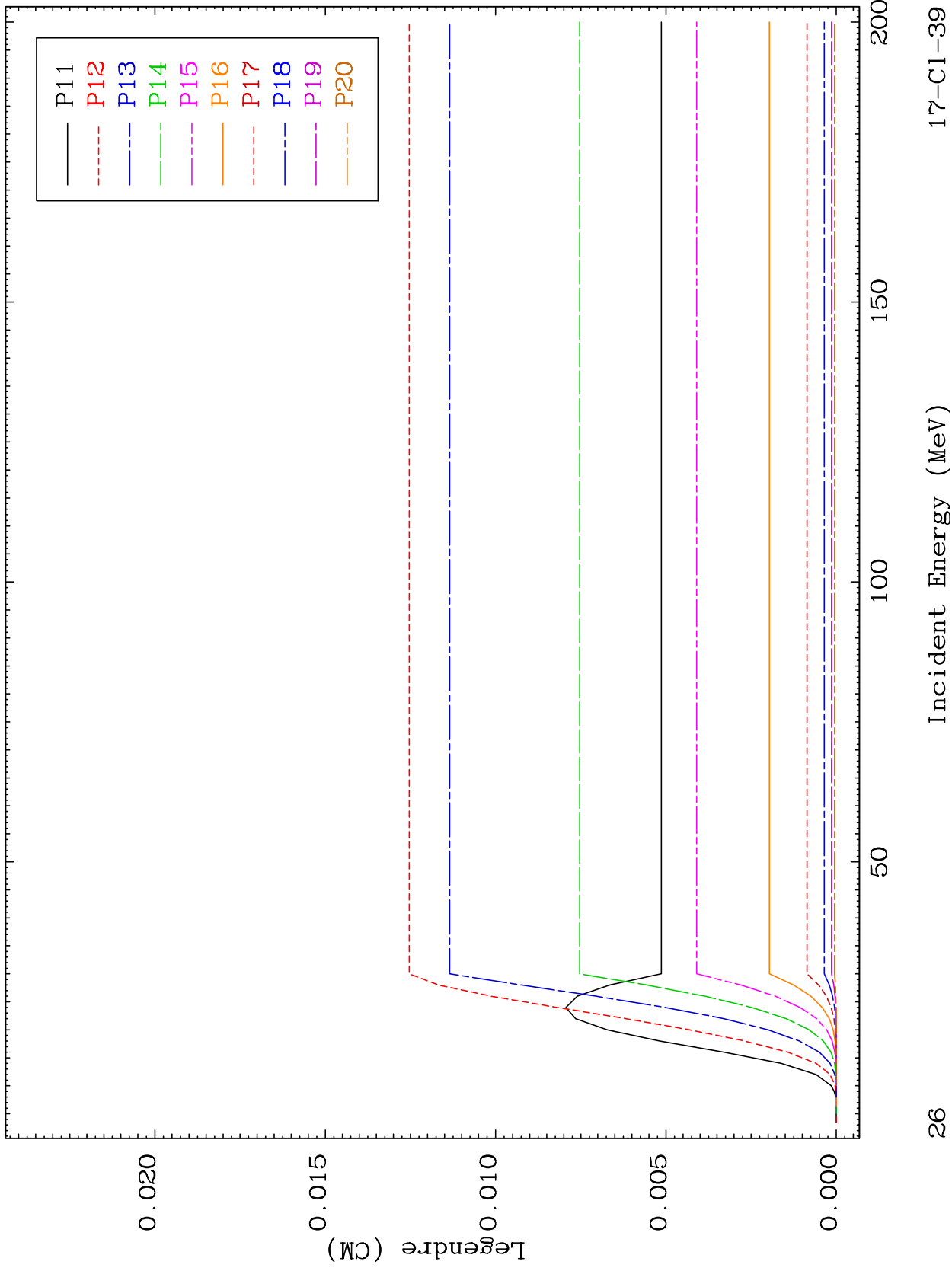
17-C1-39

MAT 1737

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

17-Cl-39

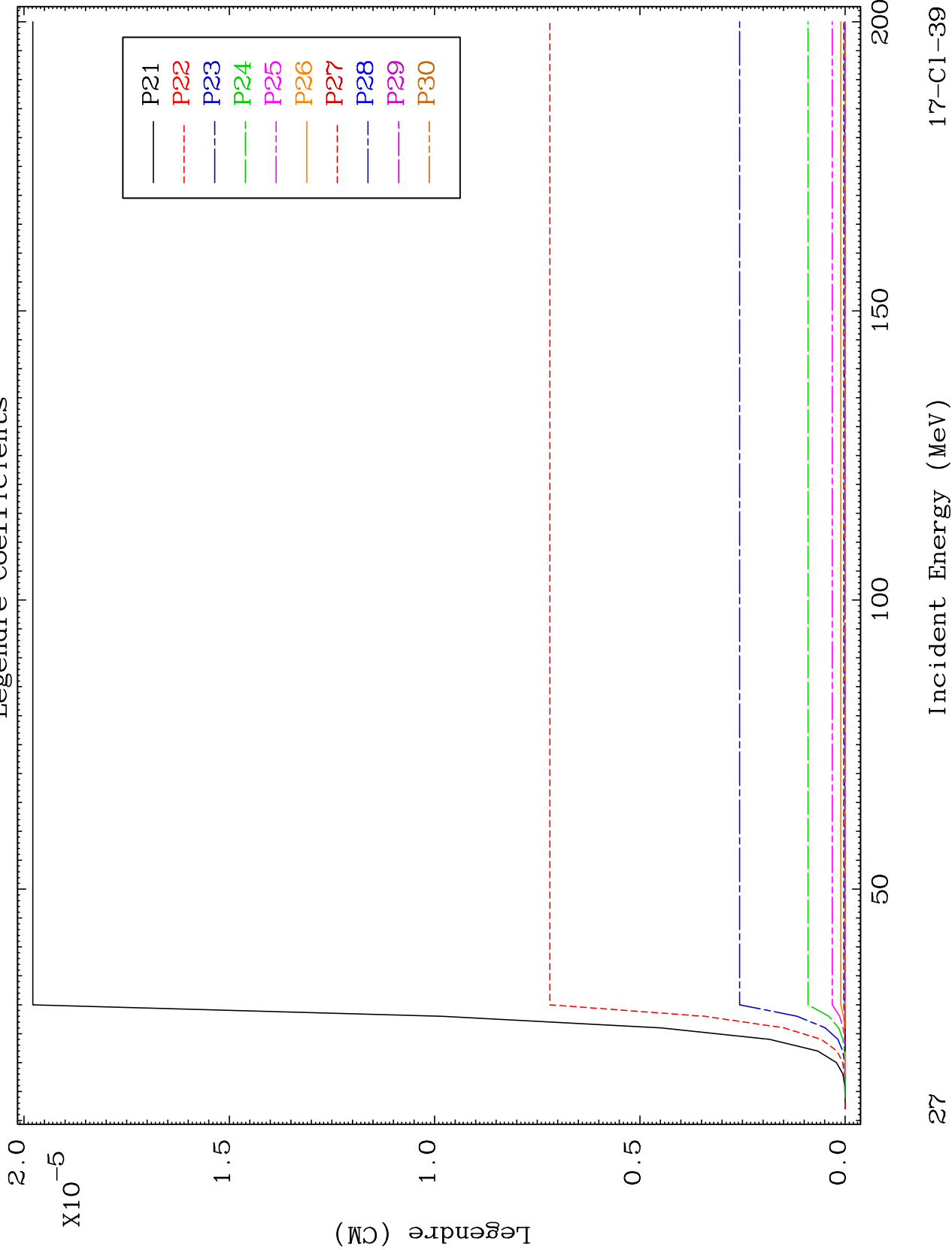




MAT 1737

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

17-Cl-39



27

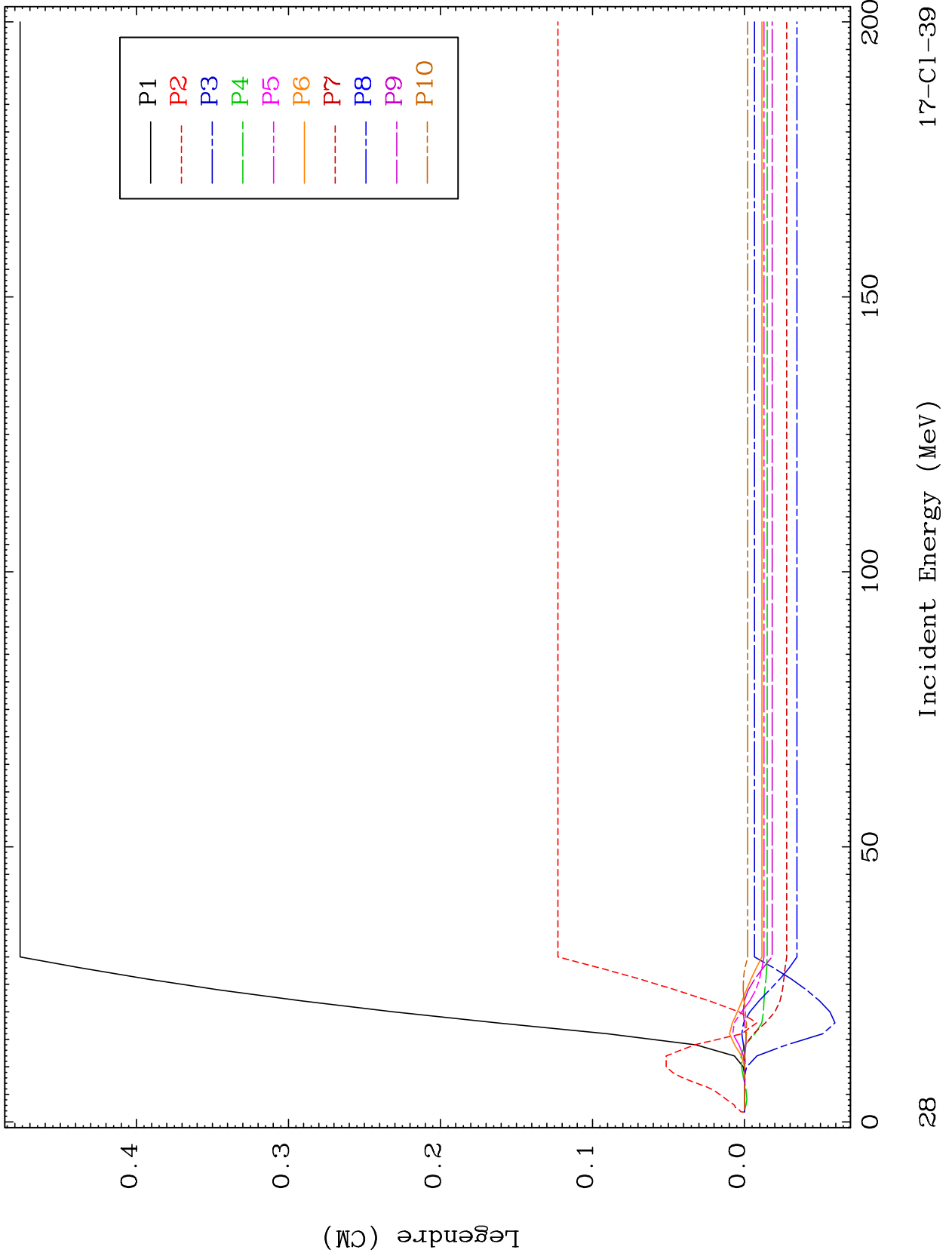
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

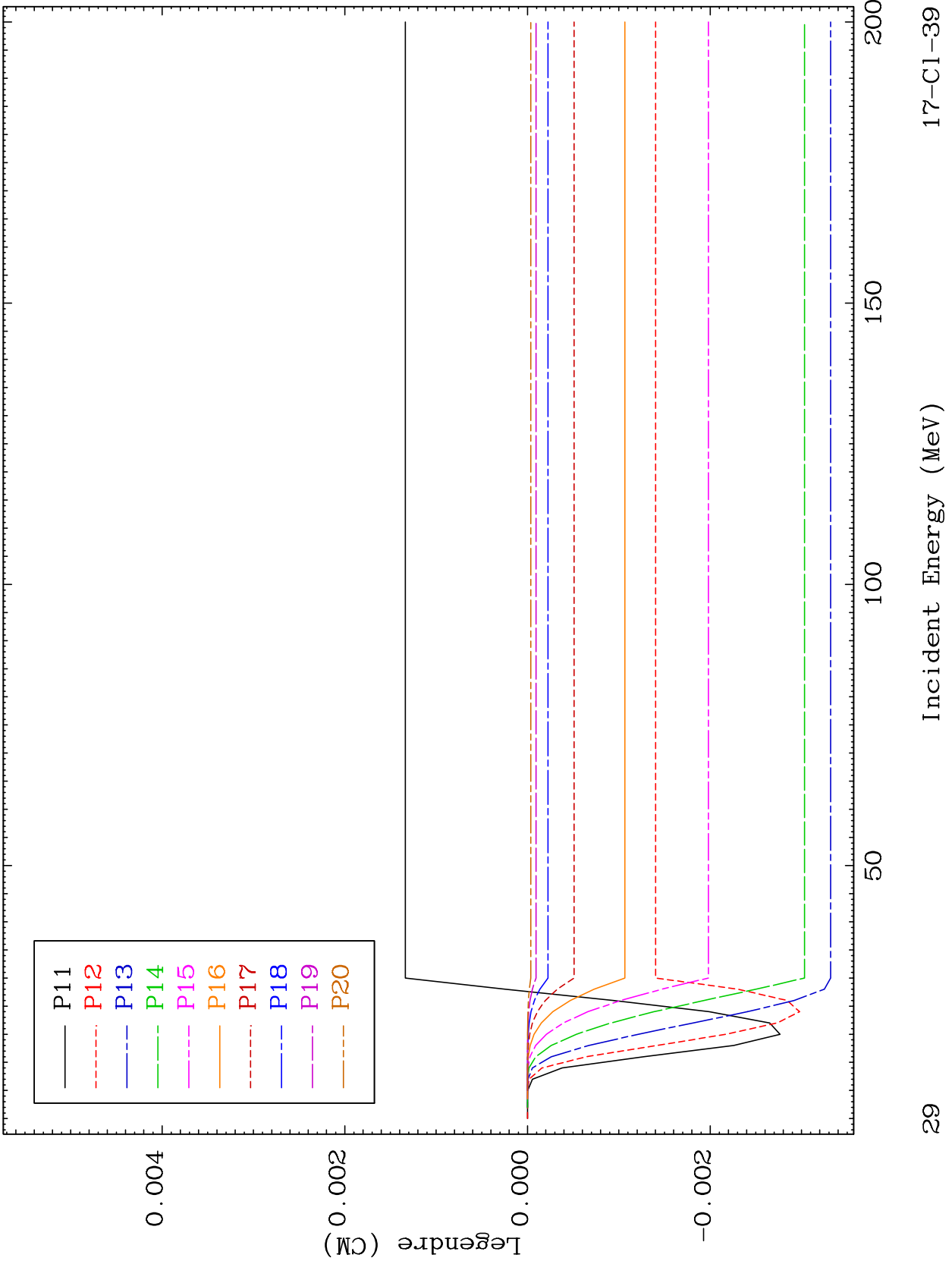
17-Cl-39

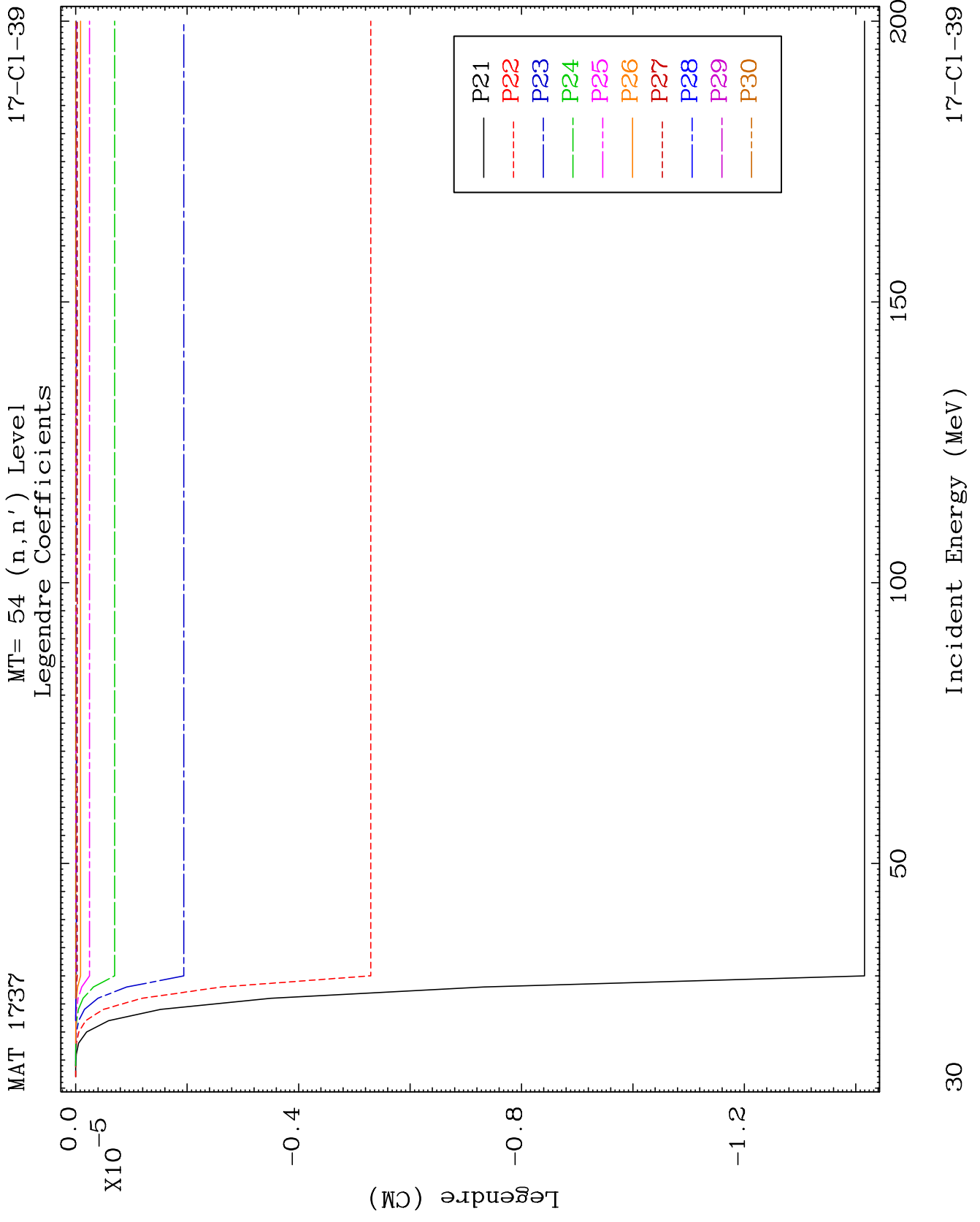


28

Incident Energy (MeV)

17-Cl-39

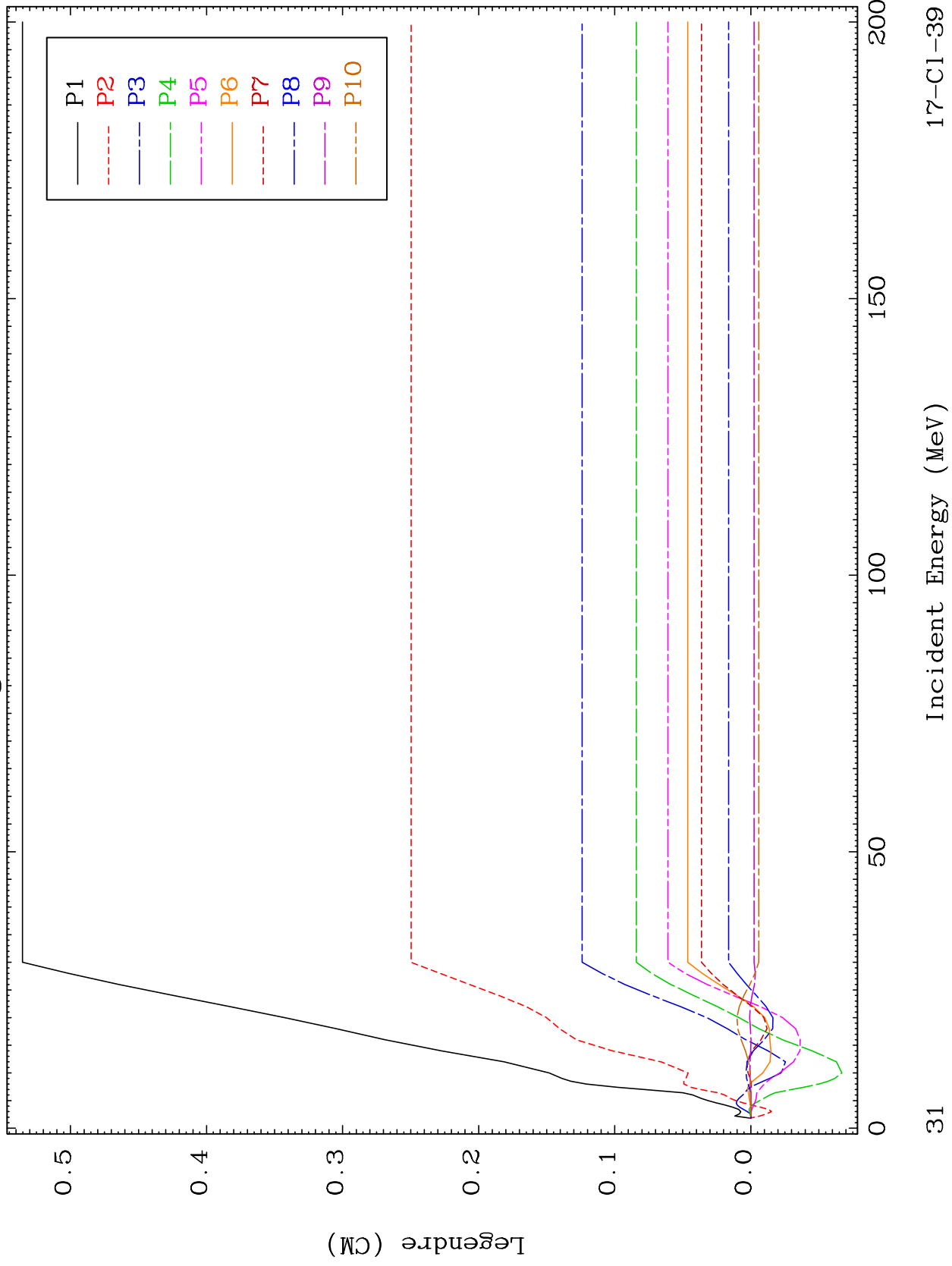




MAT 1737

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

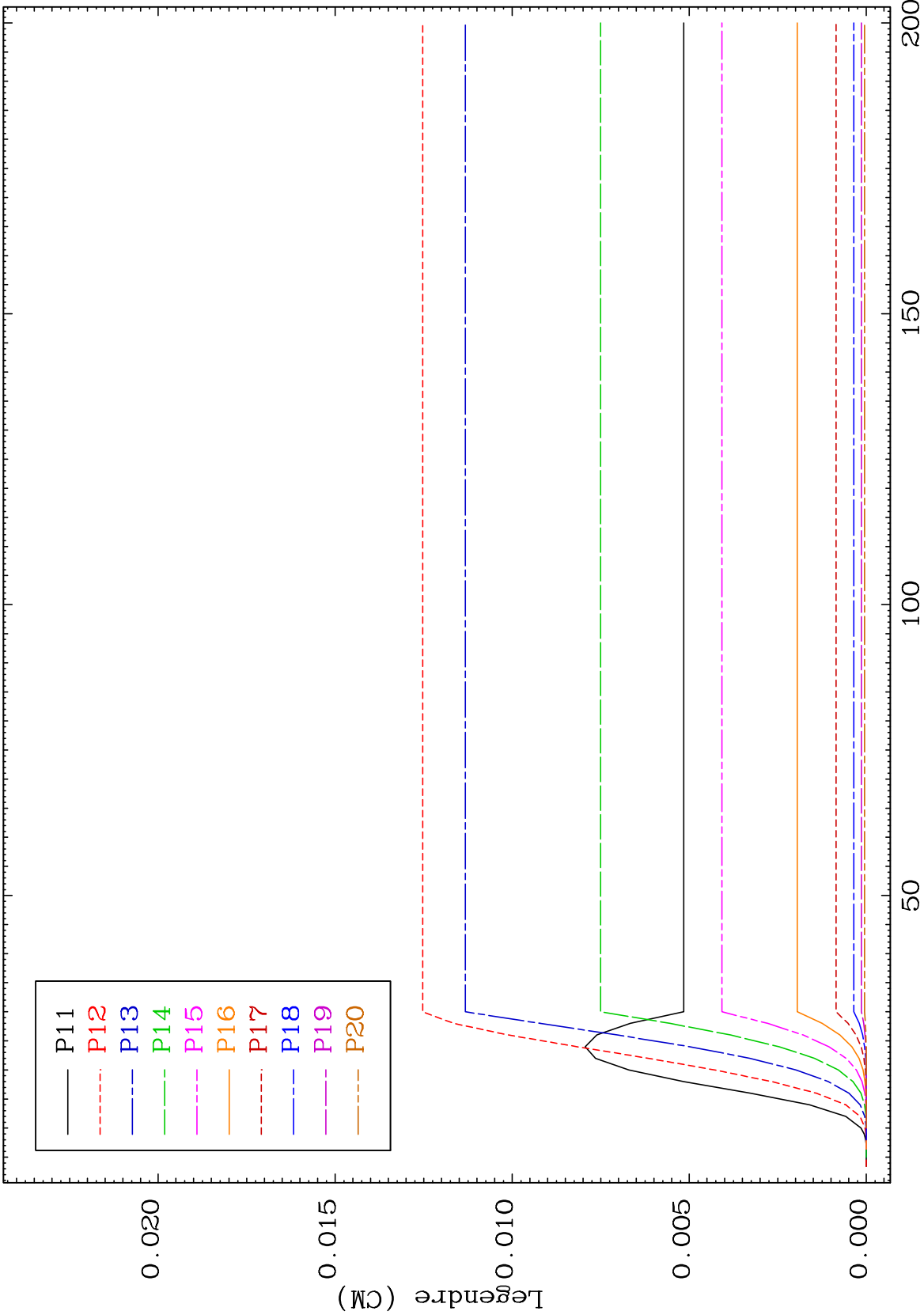
17-Cl-39



17-Cl-39

Incident Energy (MeV)

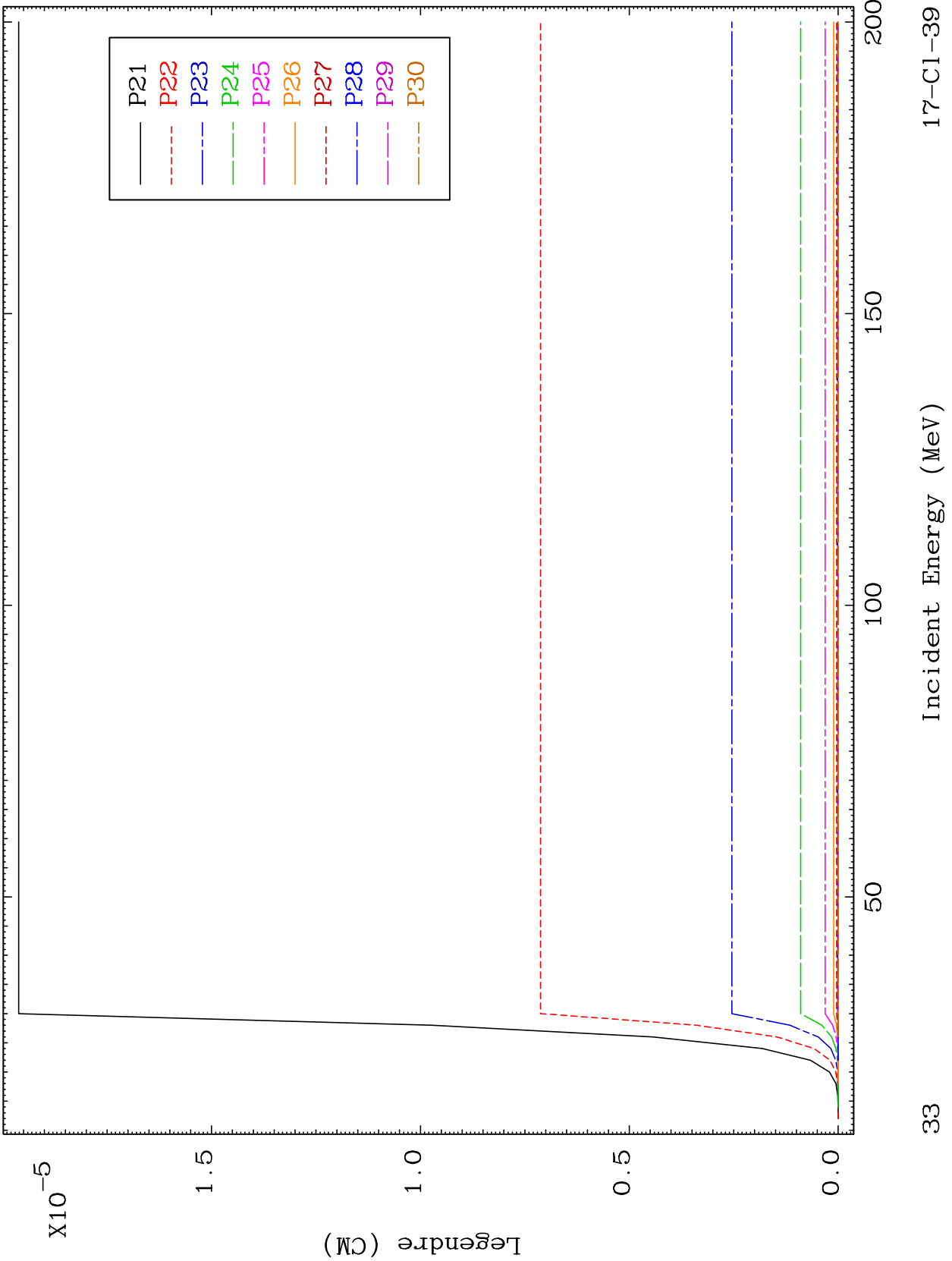
31



MAT 1737

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

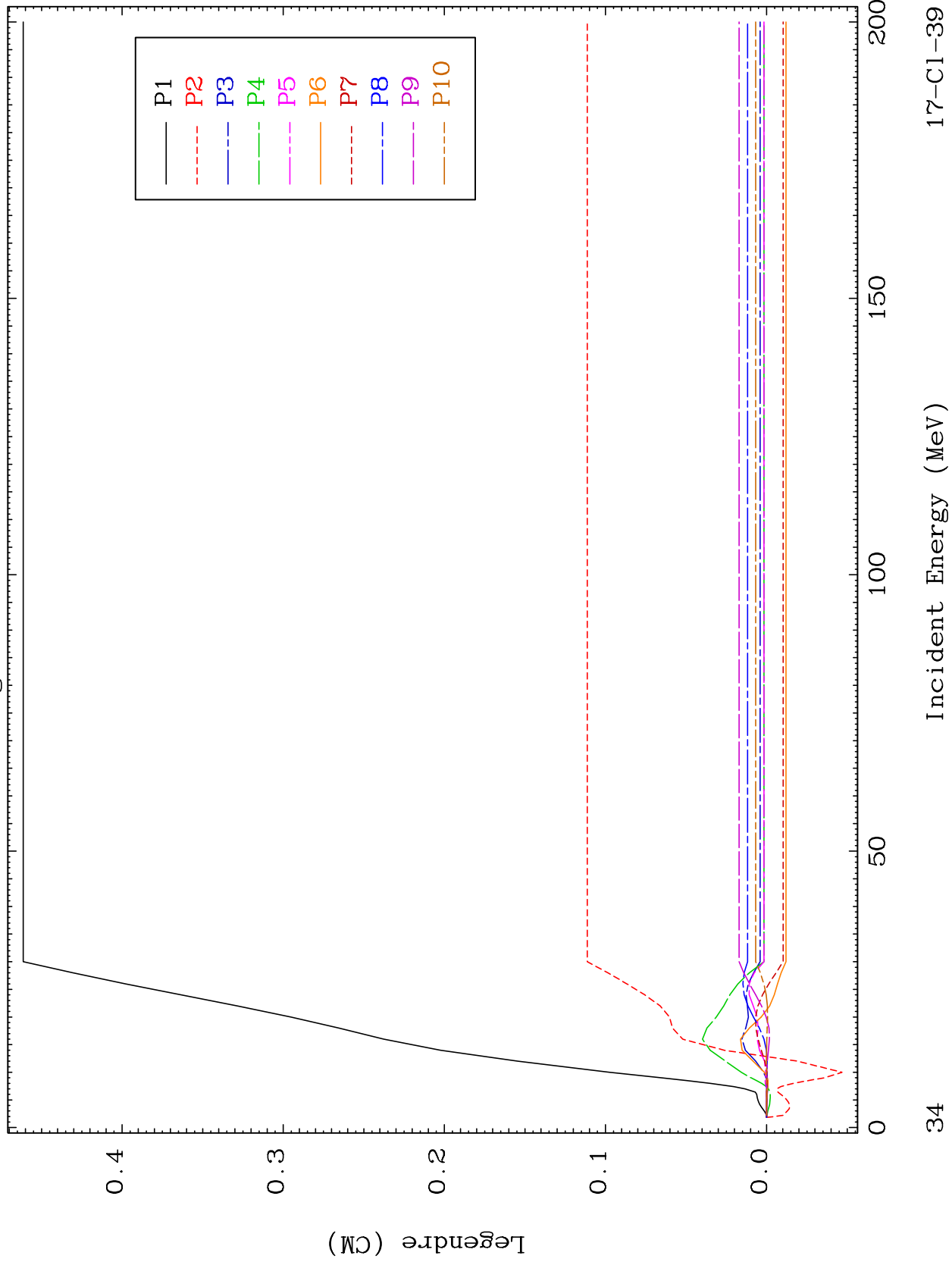
17-Cl-39



MAT 1737

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

17-Cl-39



34

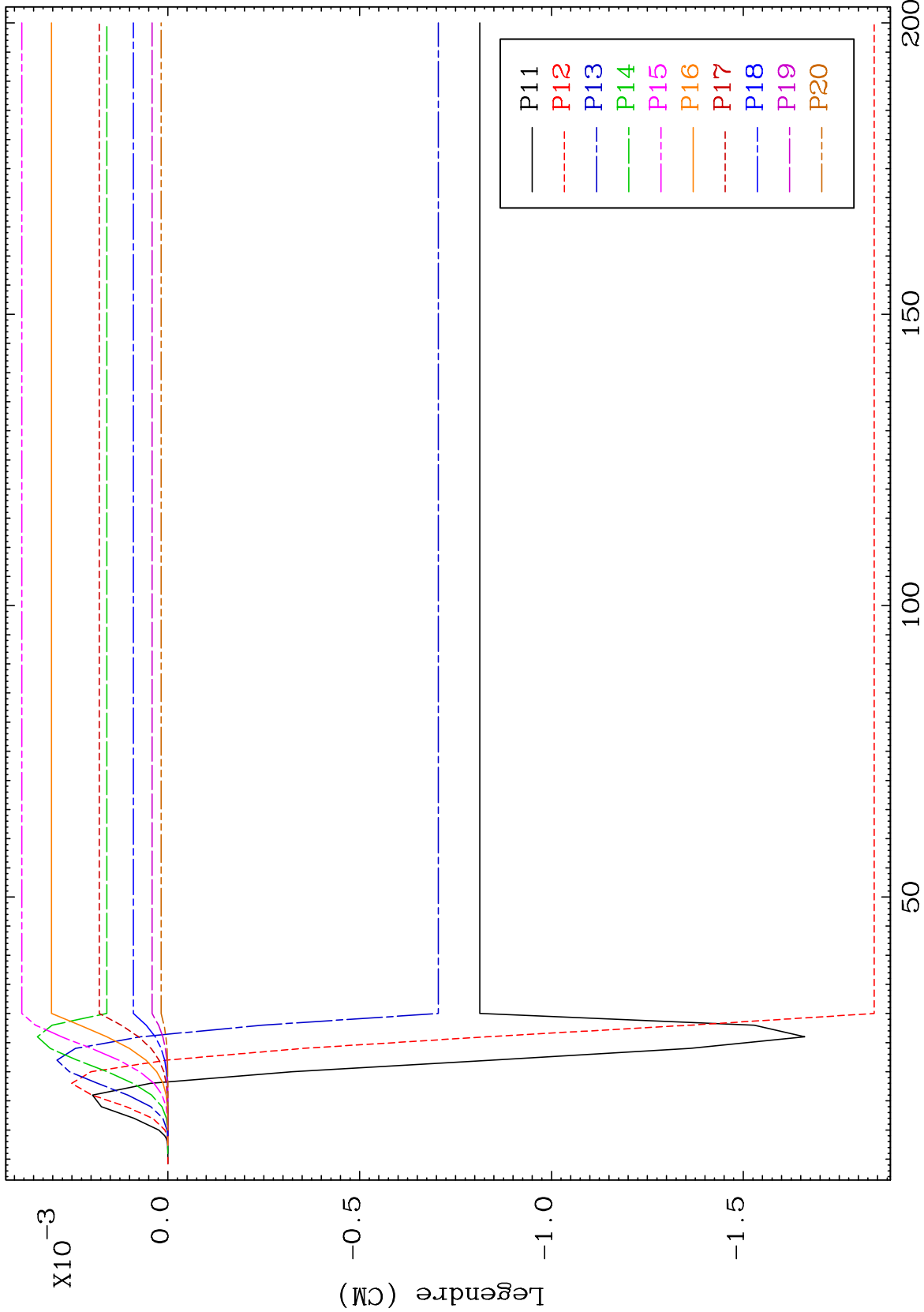
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



35

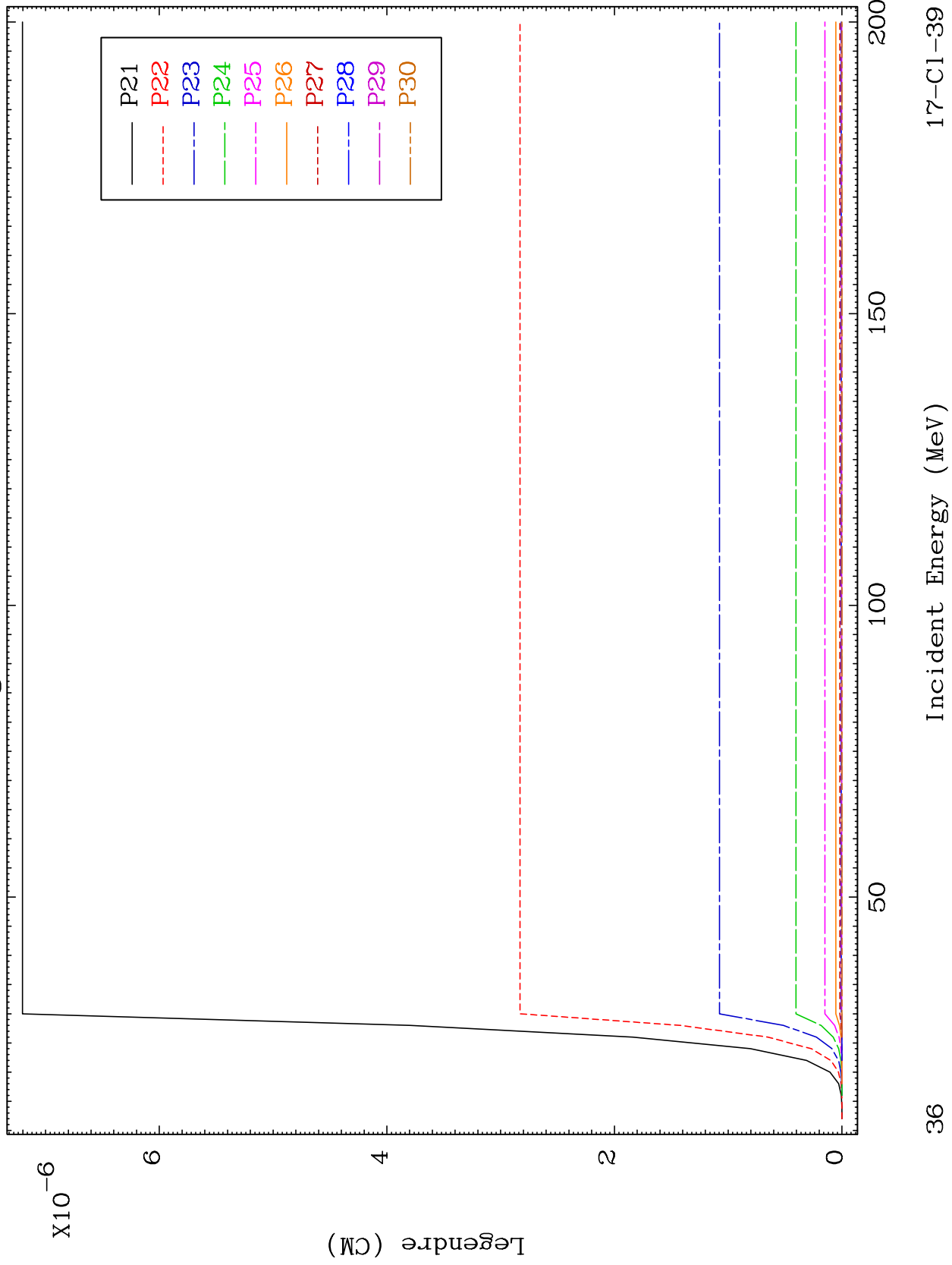
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



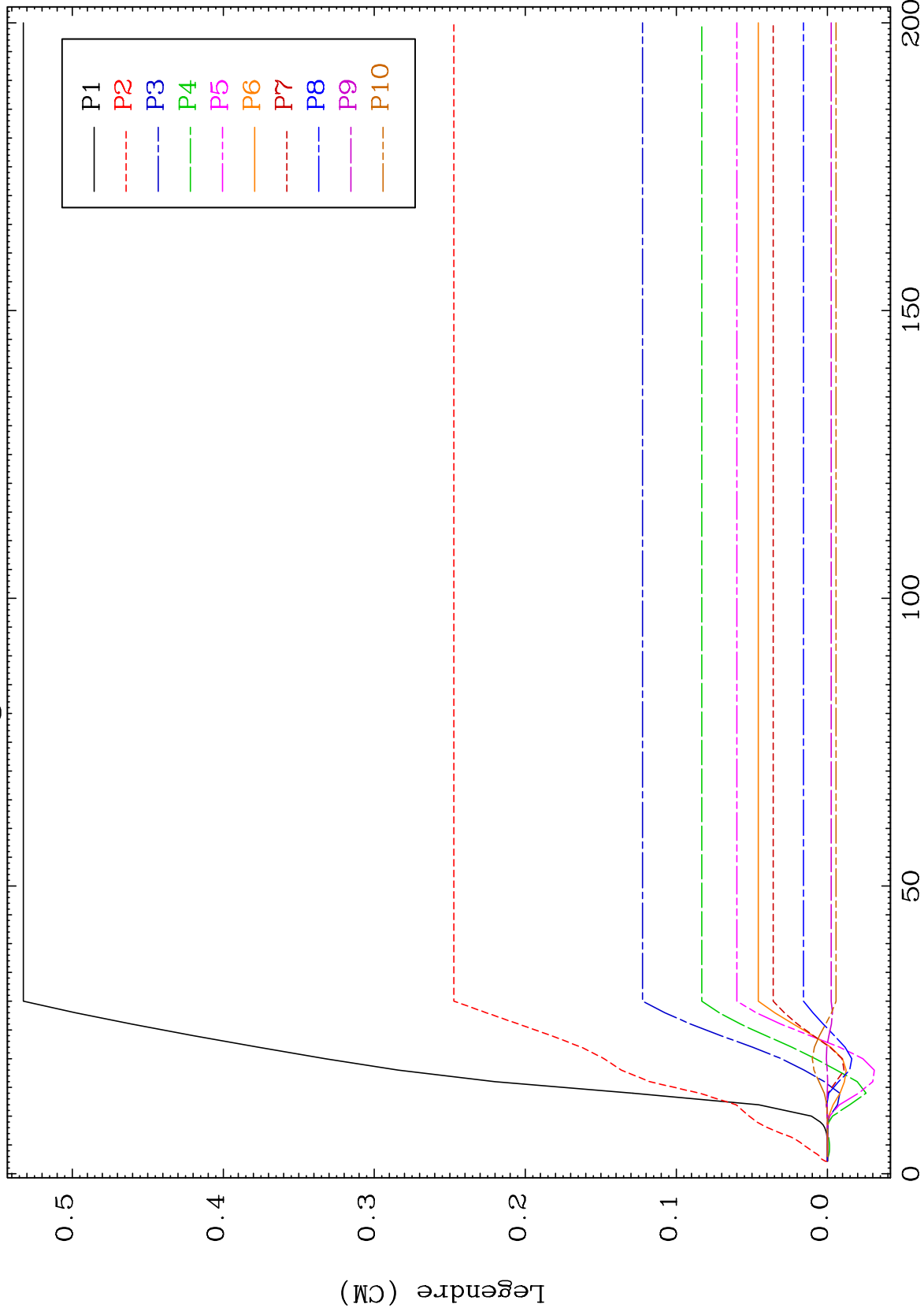
36

17-Cl-39

MAT 1737

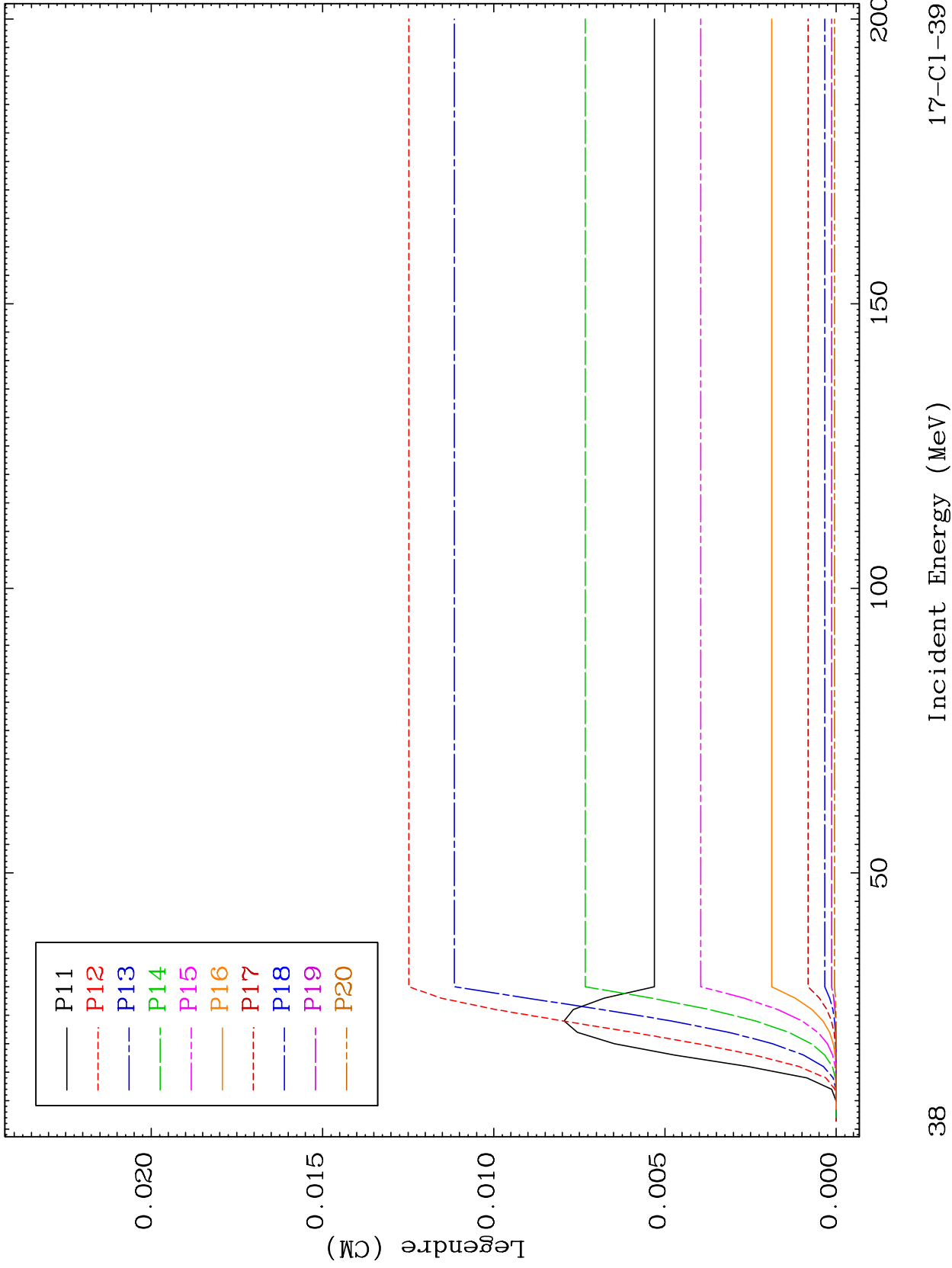
MT= 57 (n,n') Level
Legendre Coefficients

17-Cl-39



37

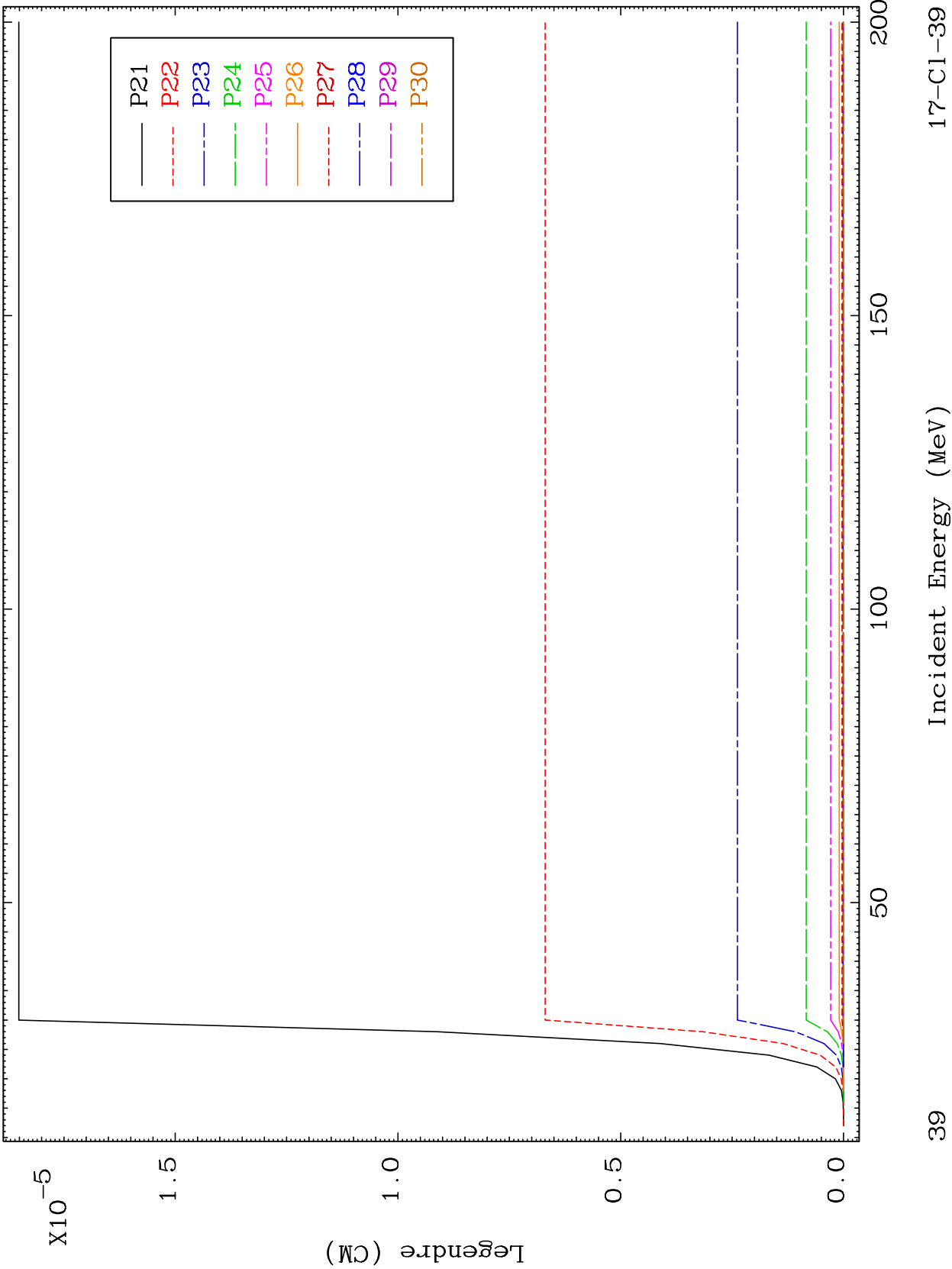
17-Cl-39



MAT 1737

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

17-Cl-39



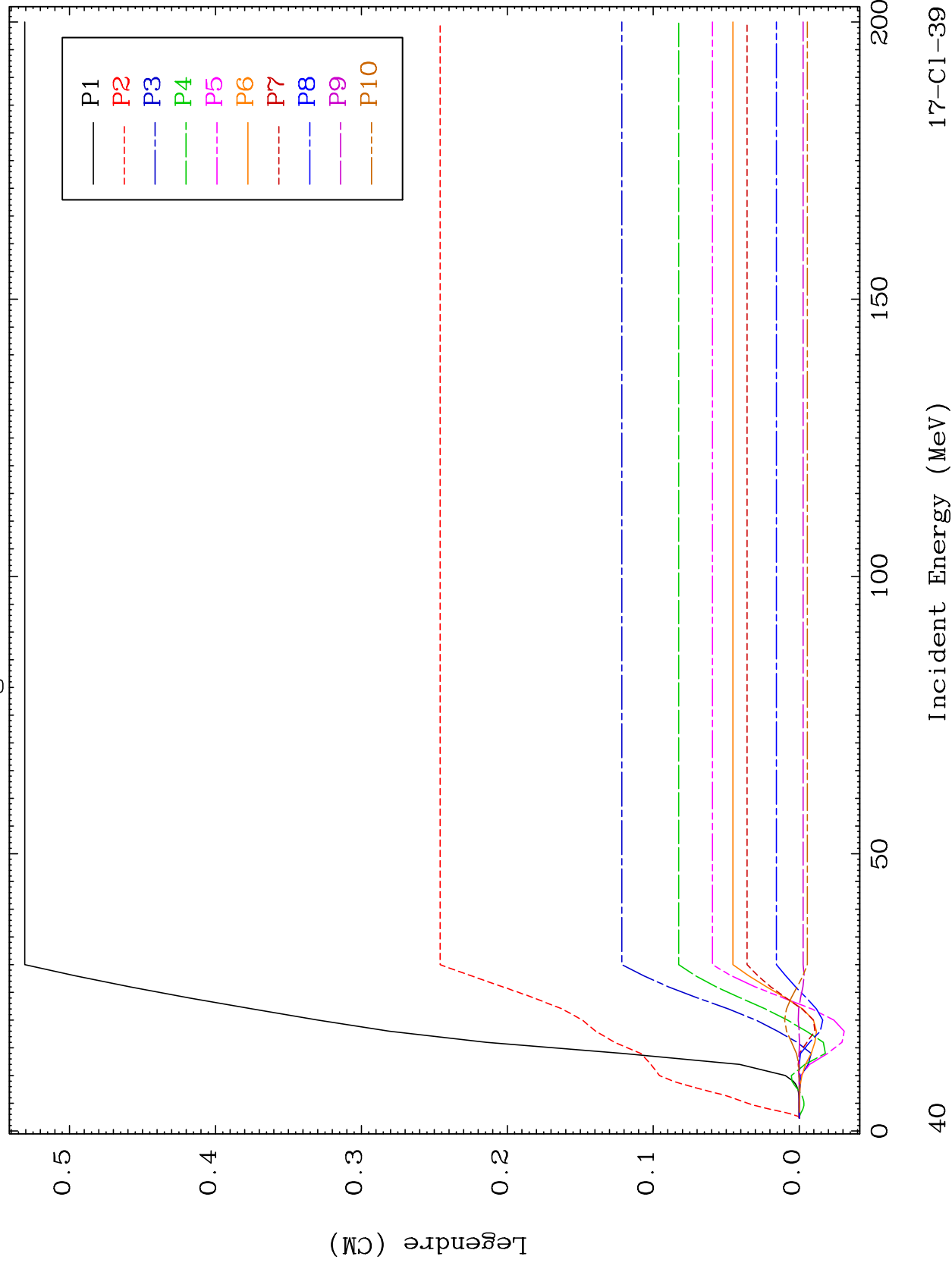
39

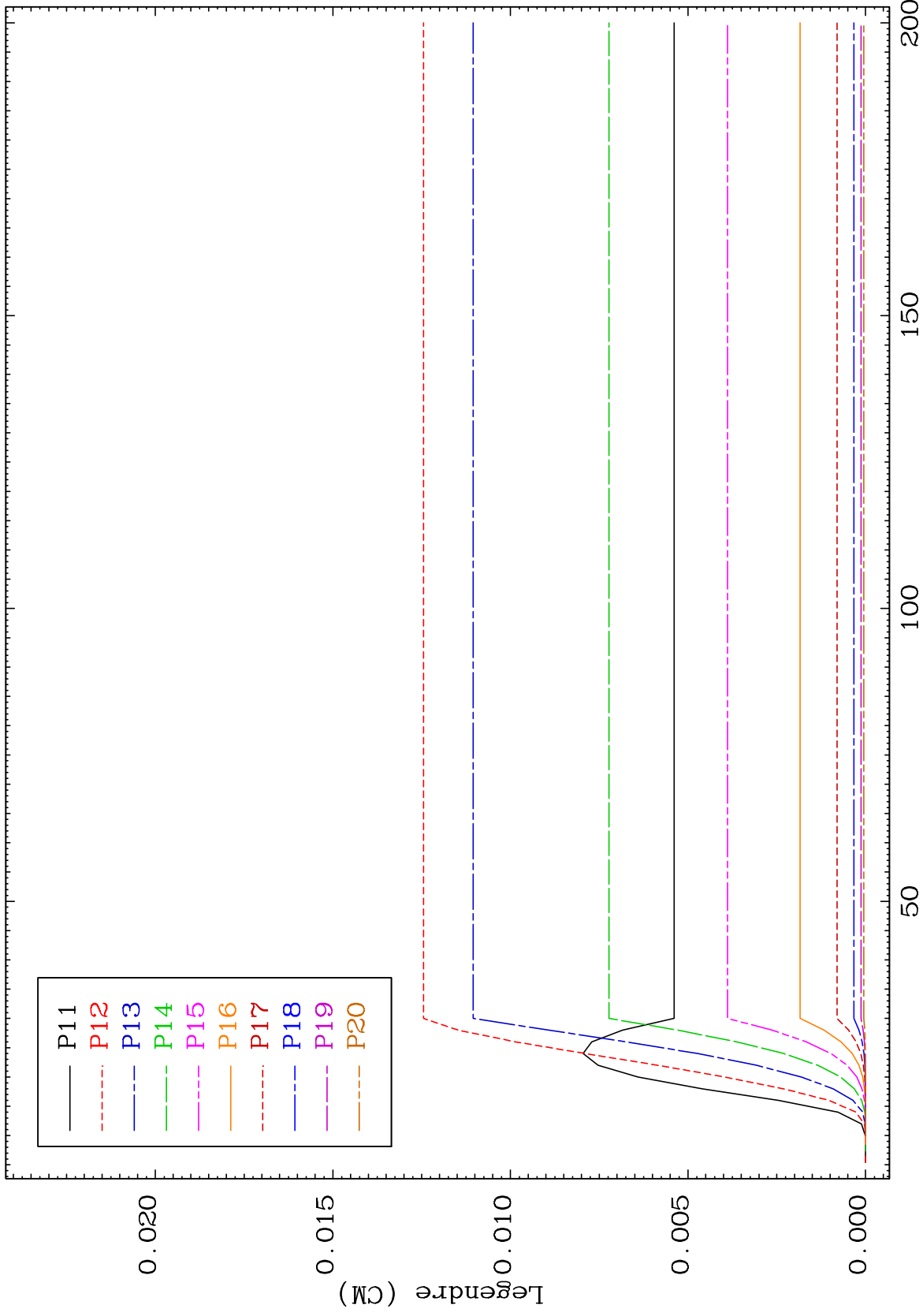
17-Cl-39

MAT 1737

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

17-Cl-39

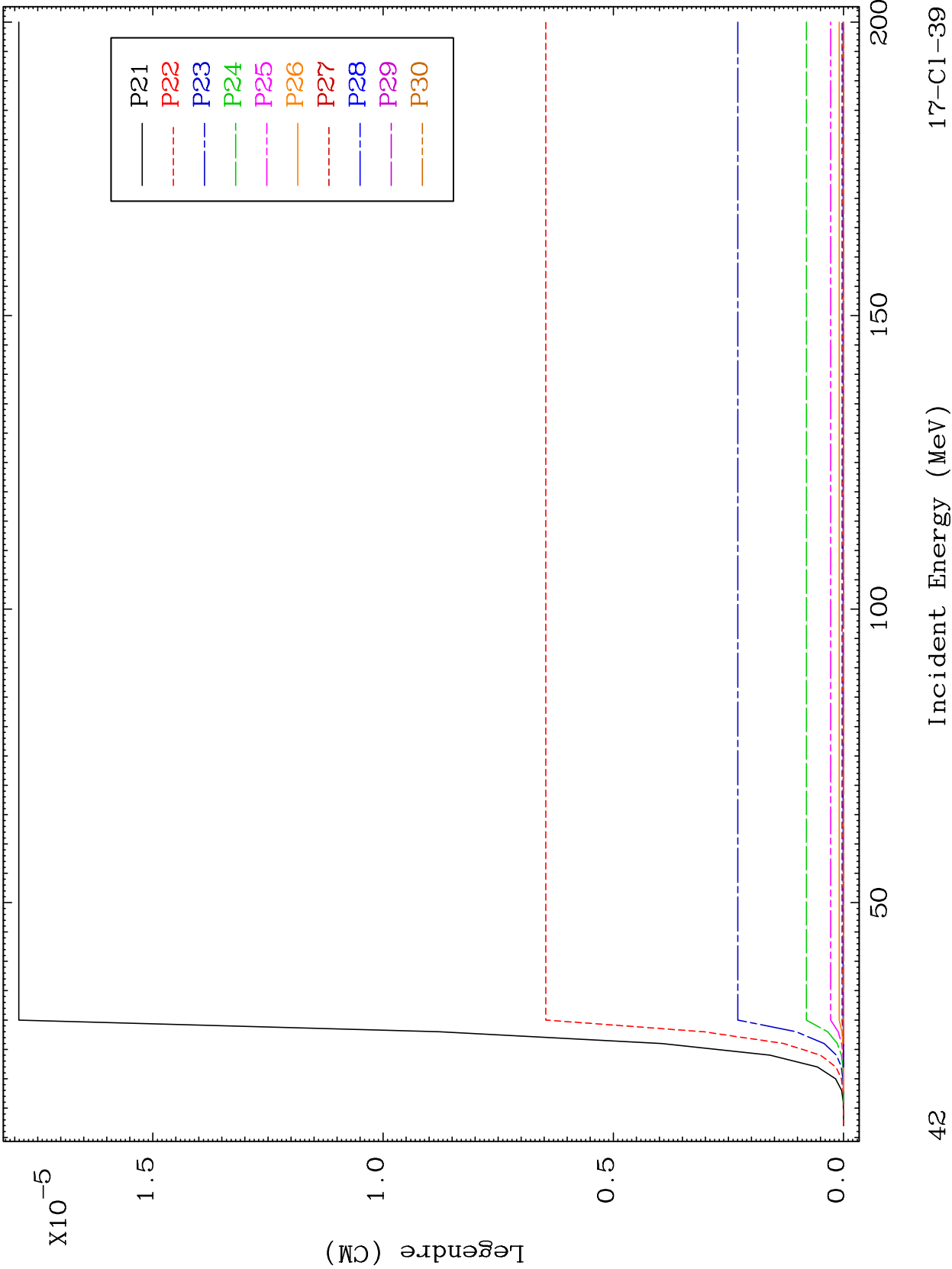




MAT 1737

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

17-C1-39



42

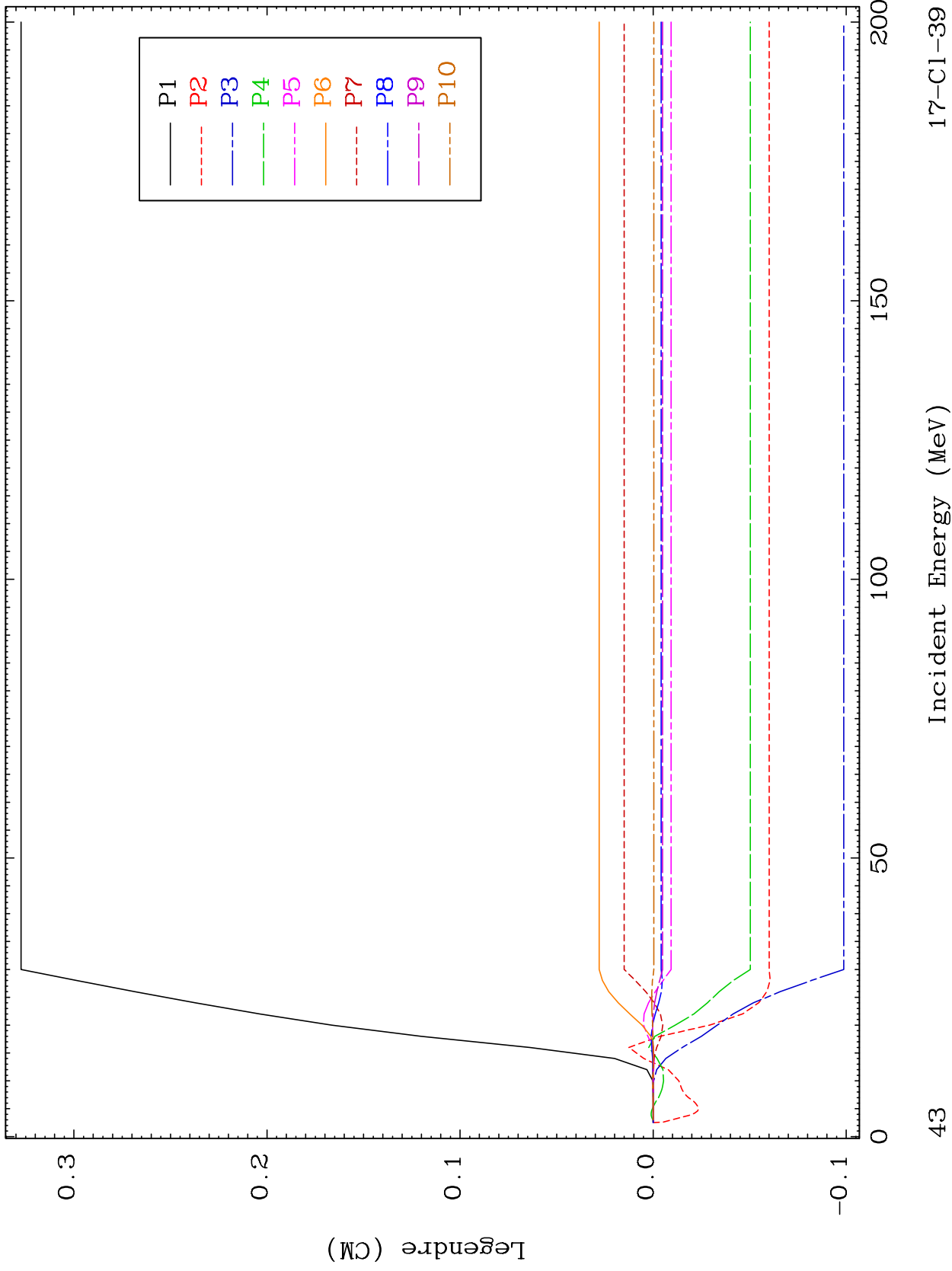
Incident Energy (MeV)

17-C1-39

MAT 1737

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

17-Cl-39



43

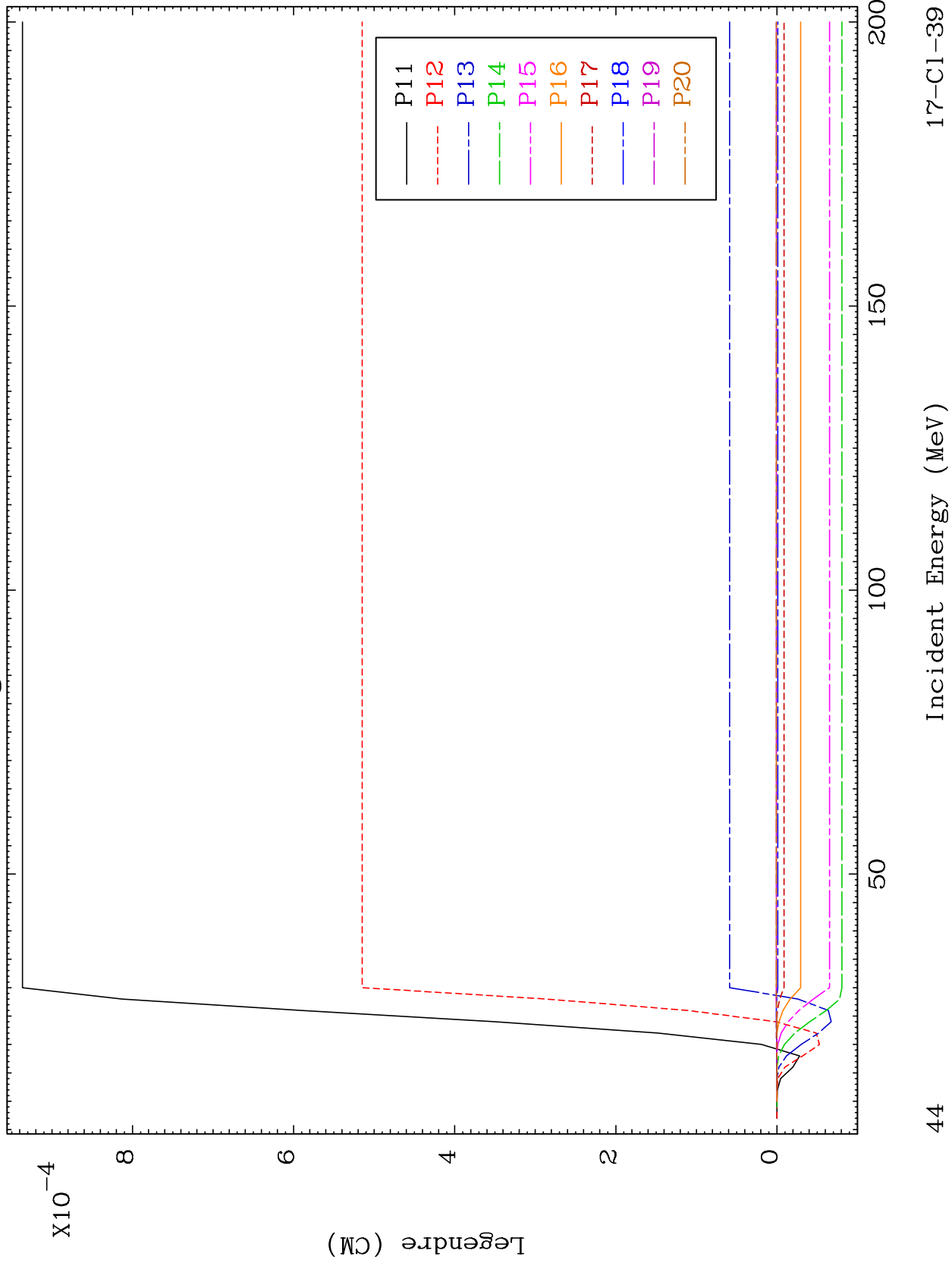
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

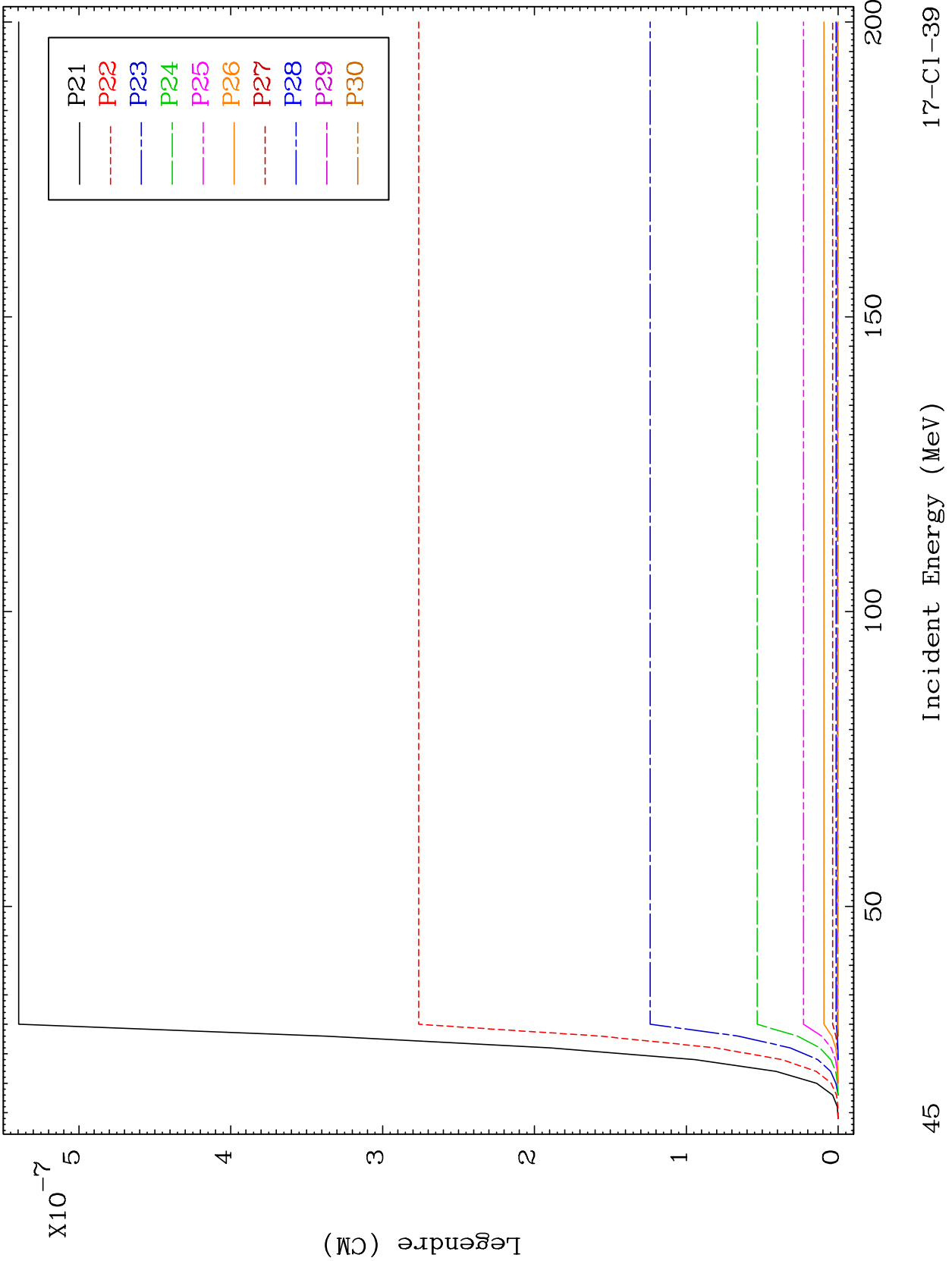
17-C1-39



MAT 1737

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

17-Cl-39



45

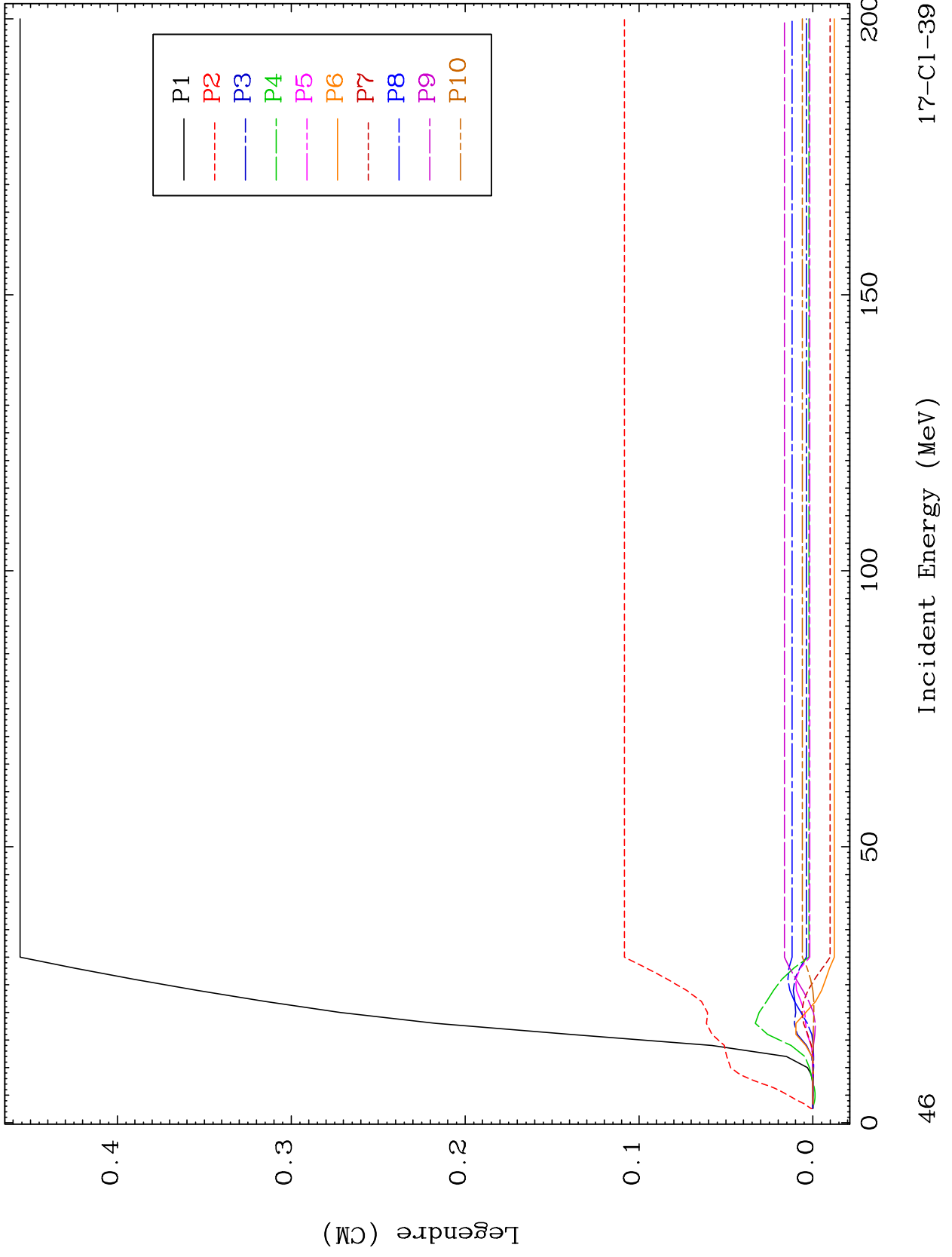
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



46

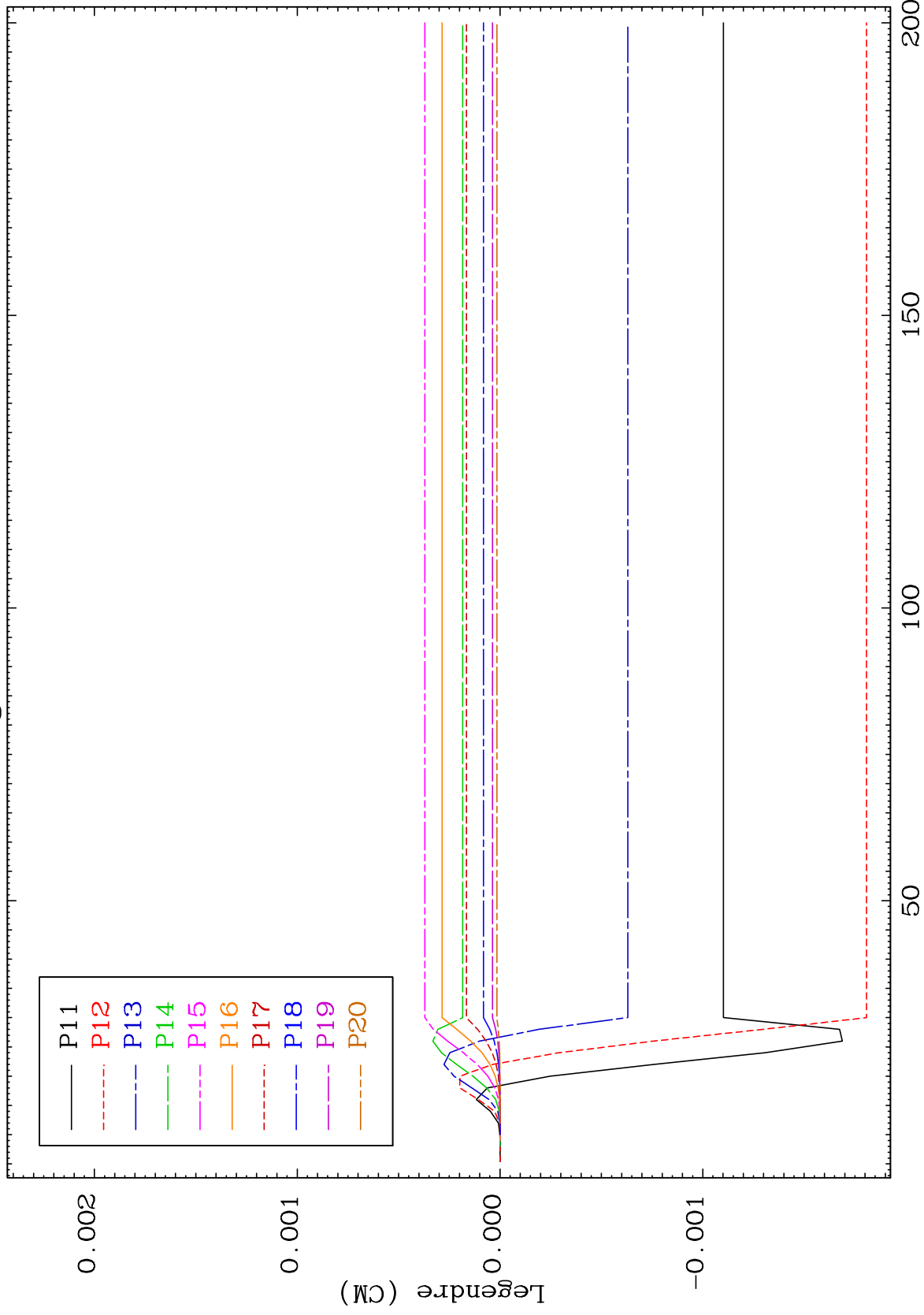
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



47

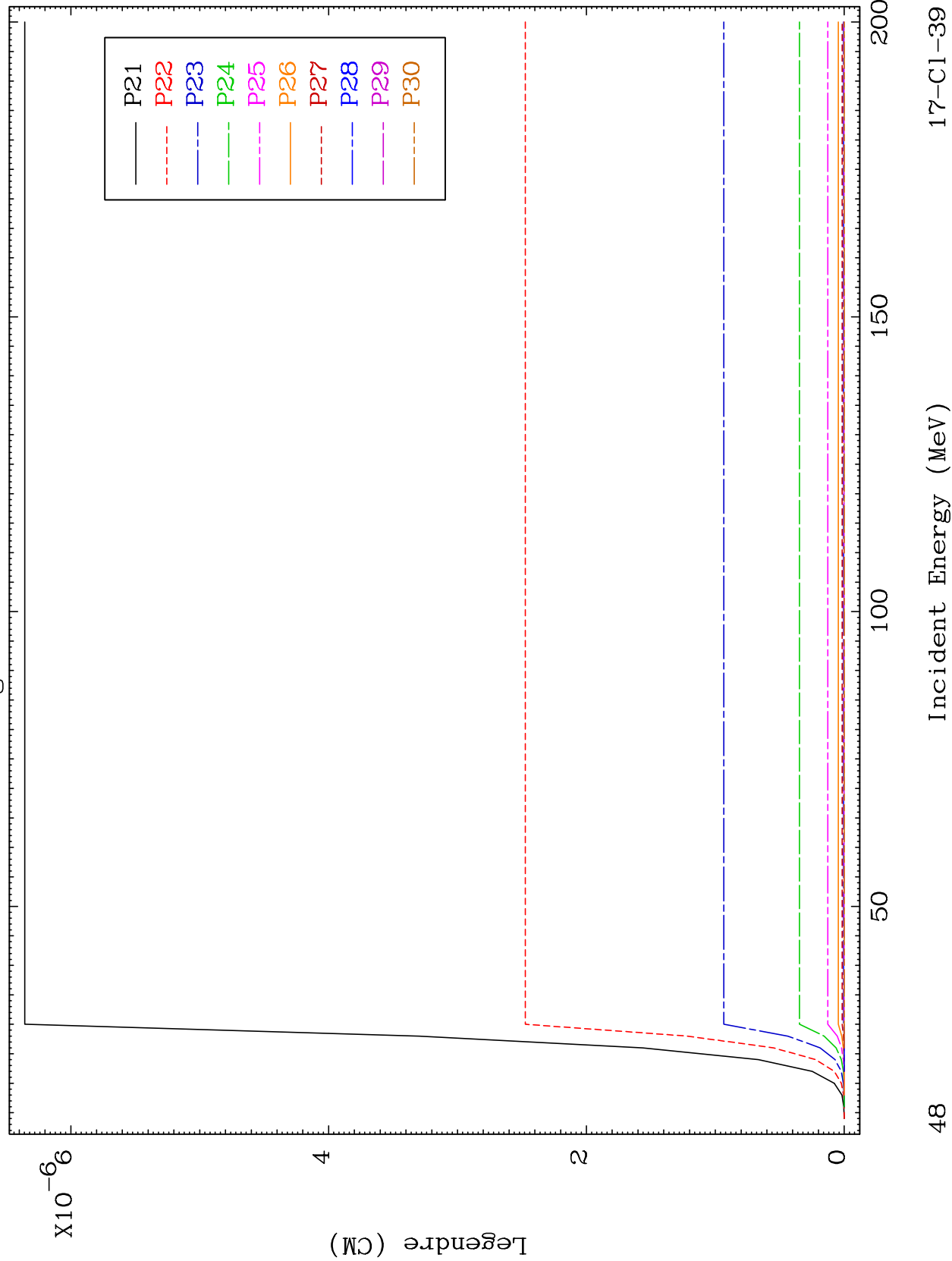
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

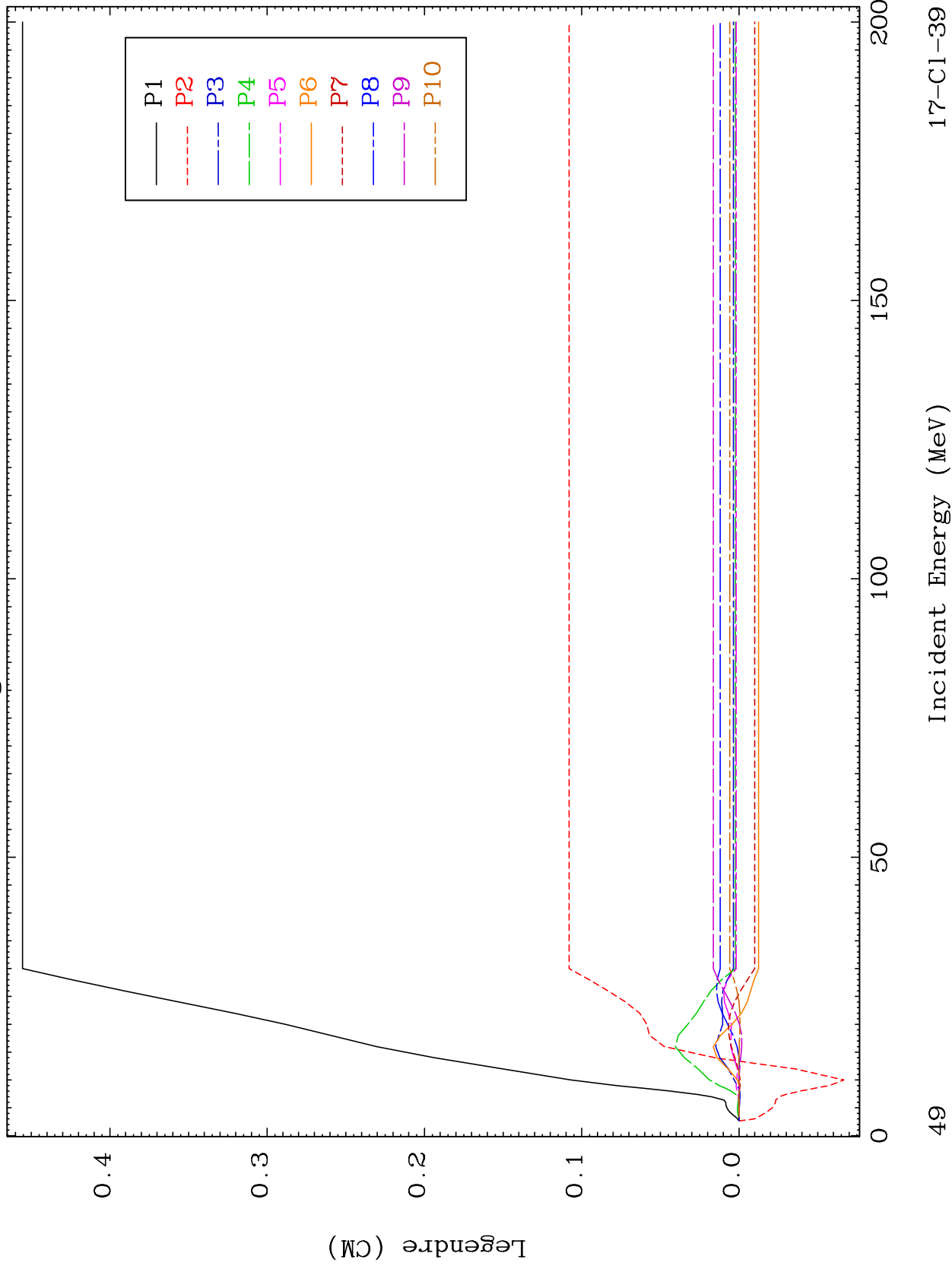
17-Cl-39



MAT 1737

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

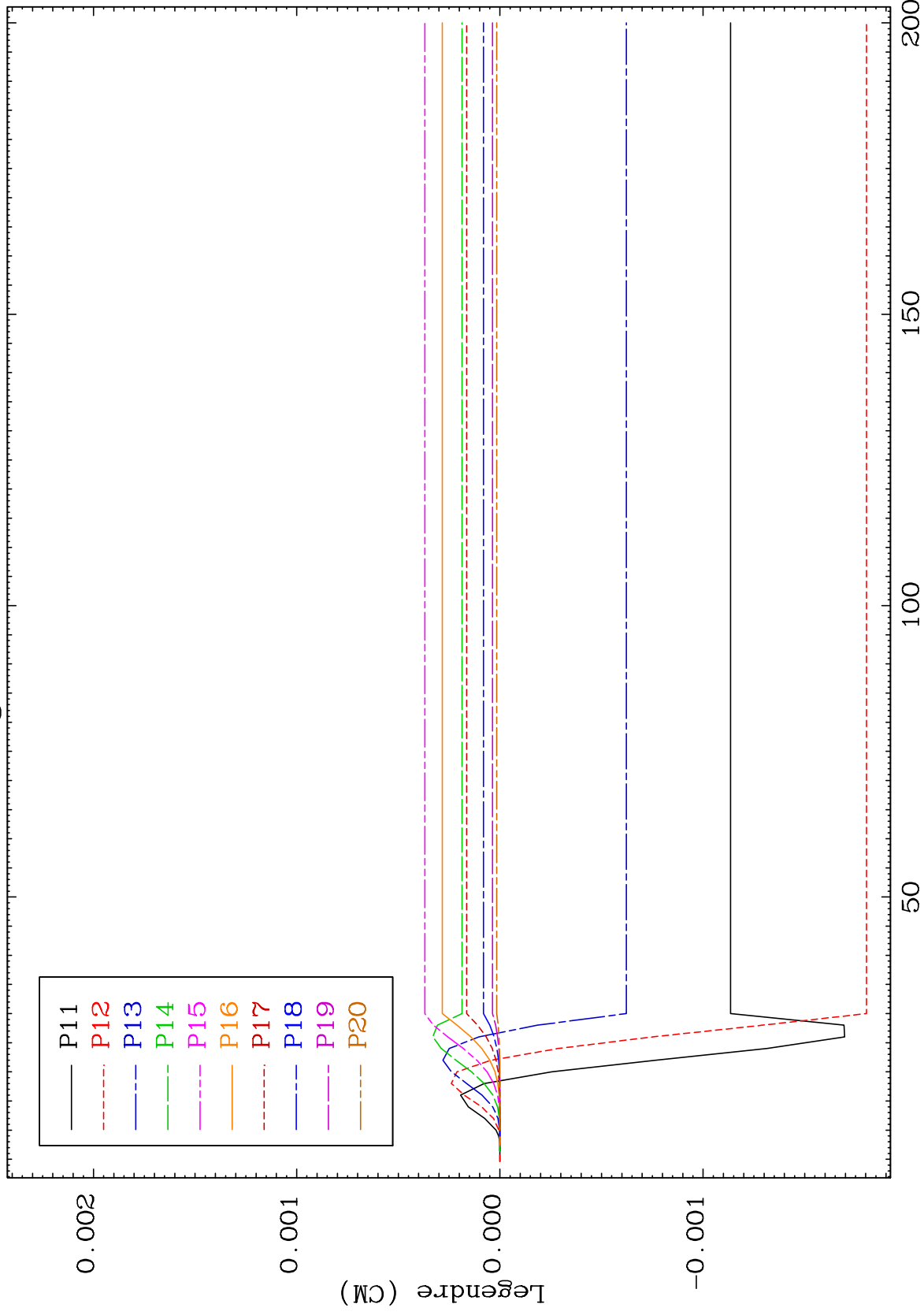
17-Cl-39



MAT 1737

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

17-Cl-39



50

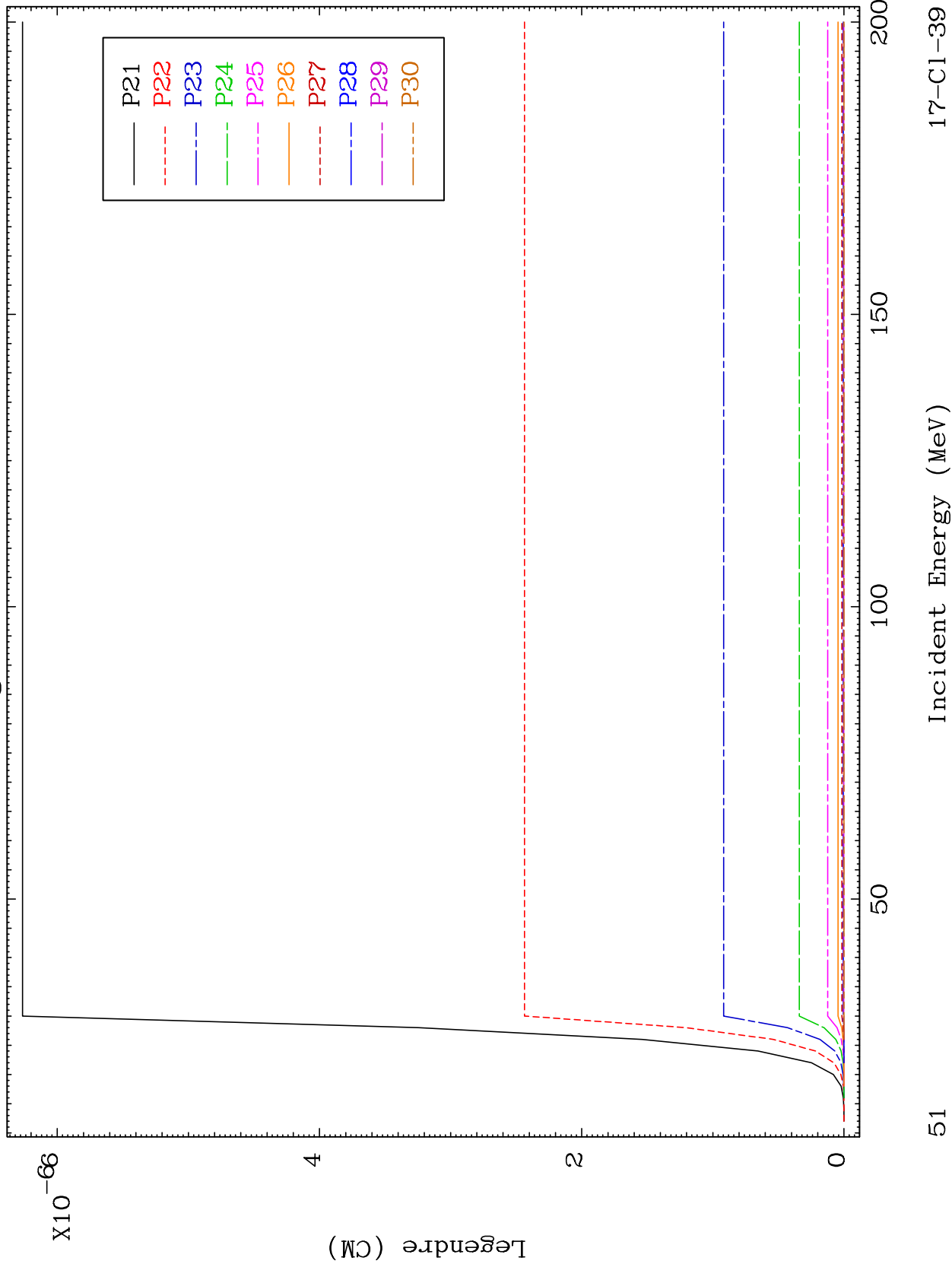
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



51

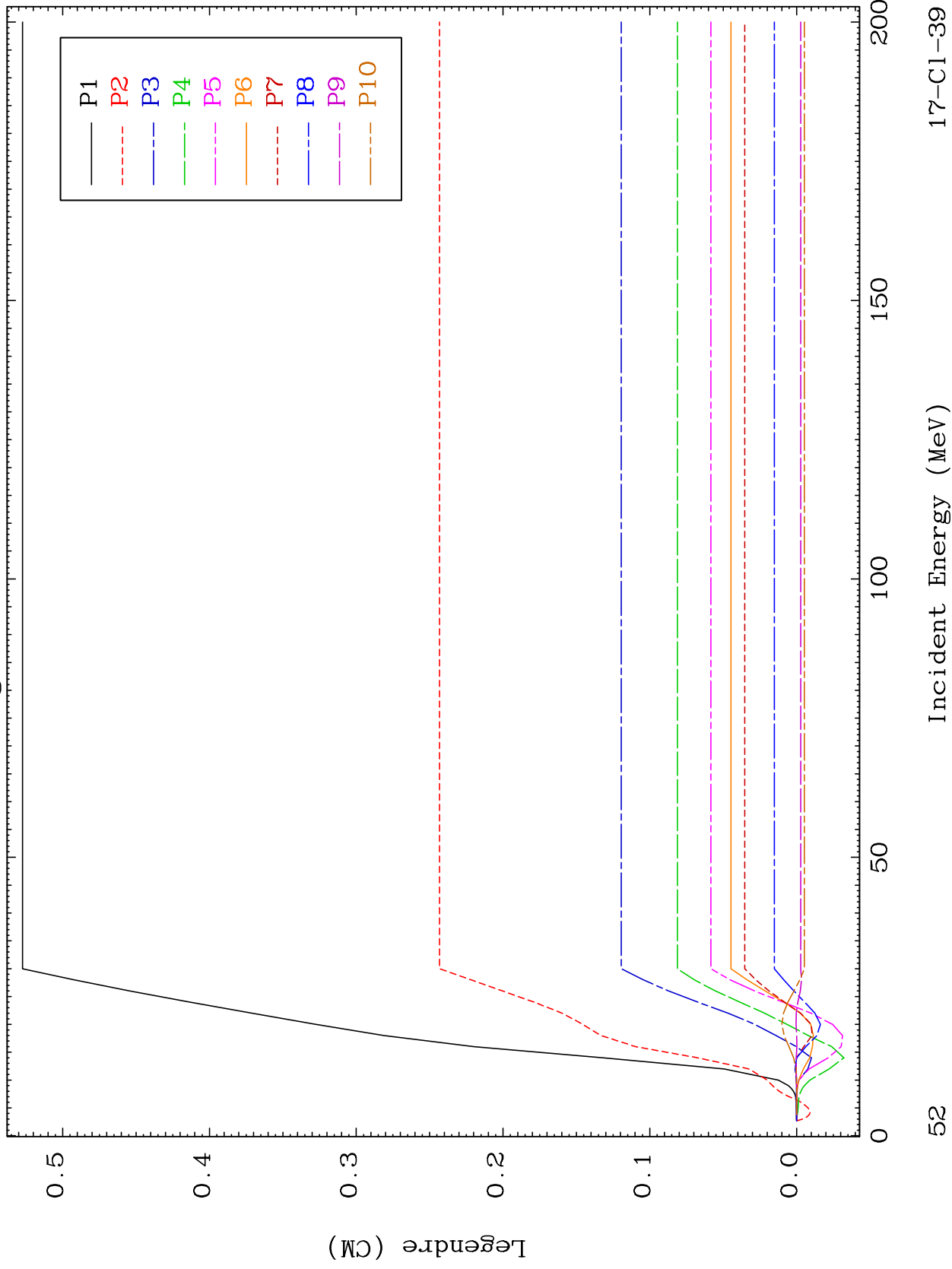
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

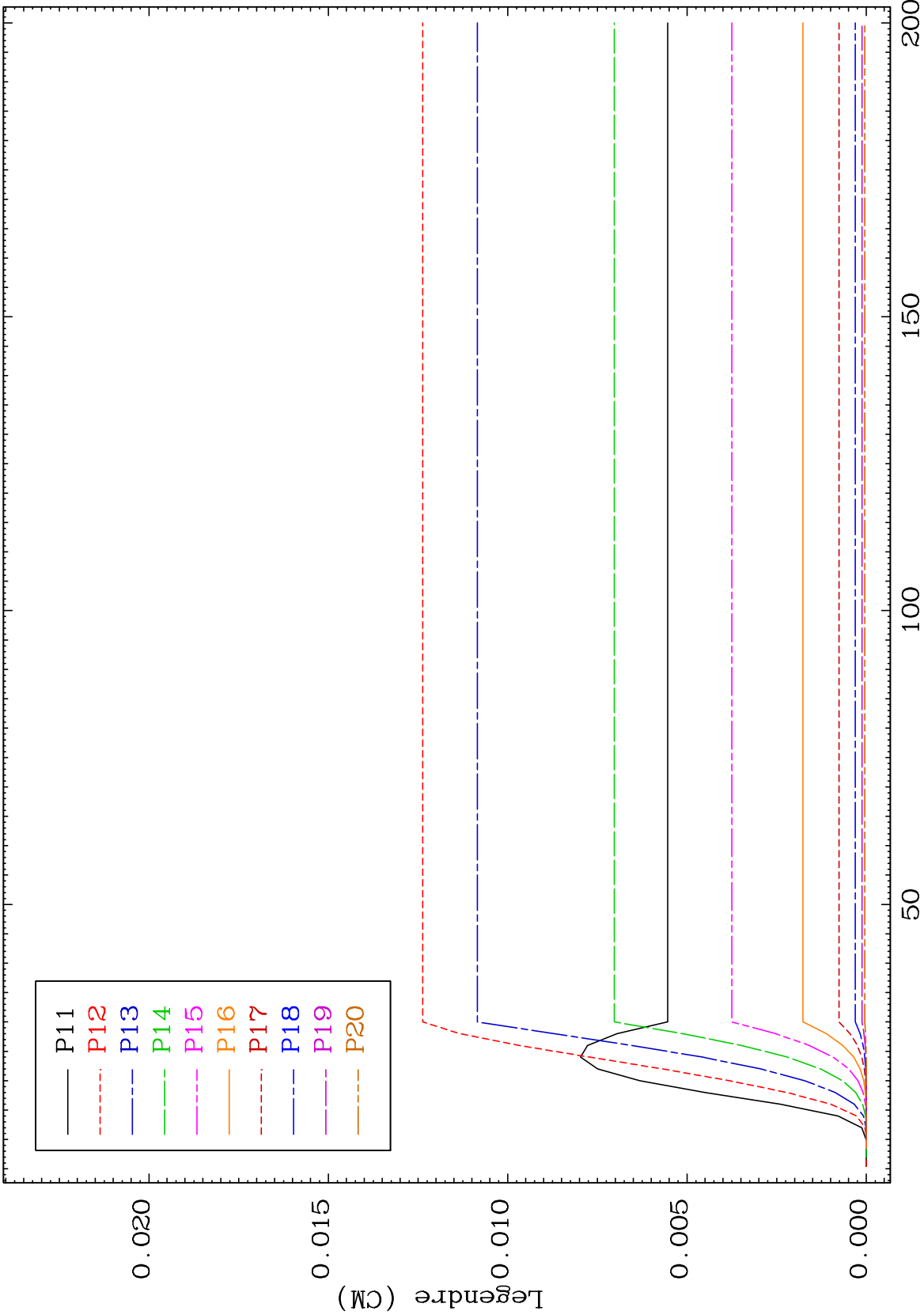
17-Cl-39

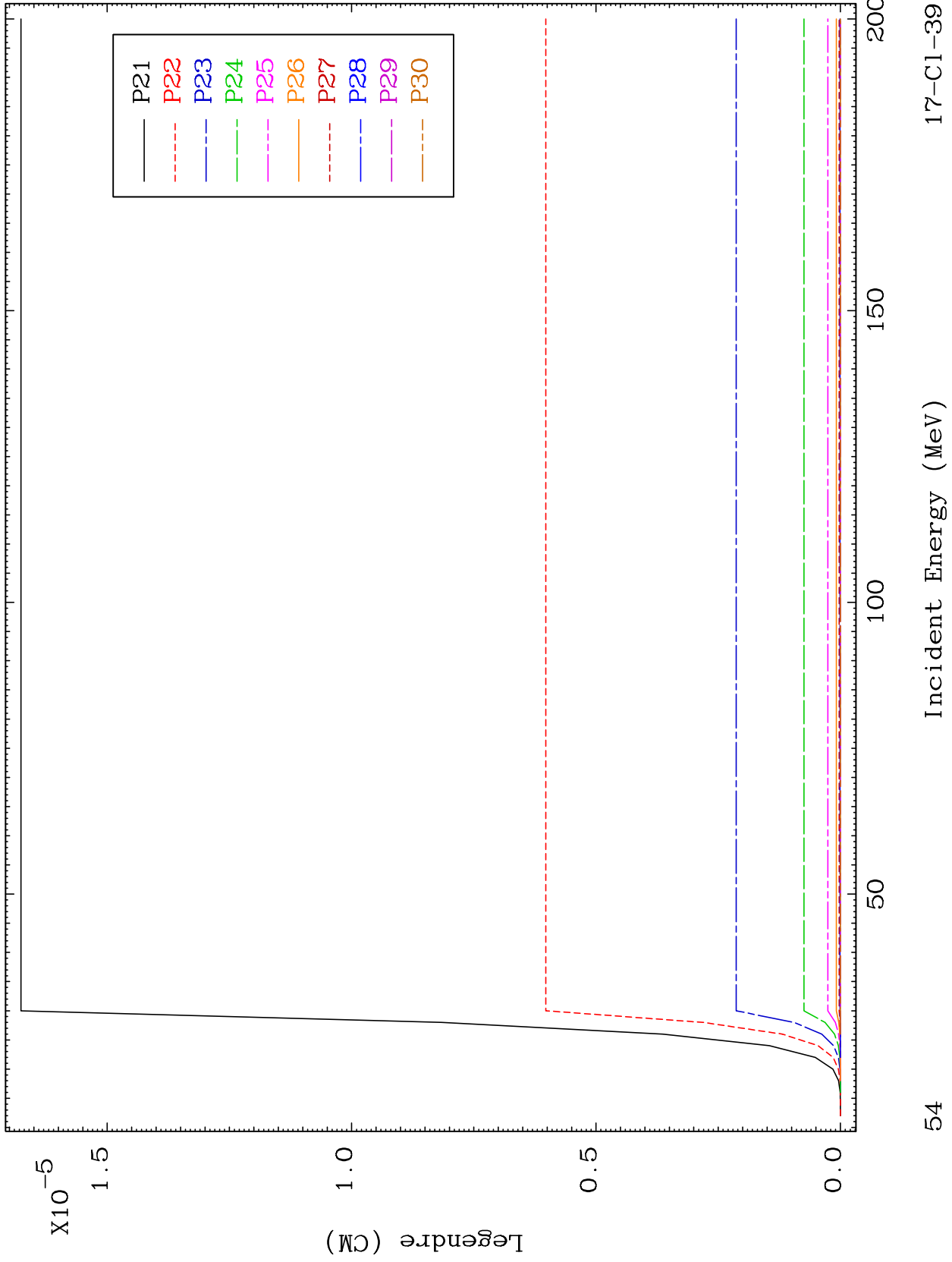


17-Cl-39

Incident Energy (MeV)

52

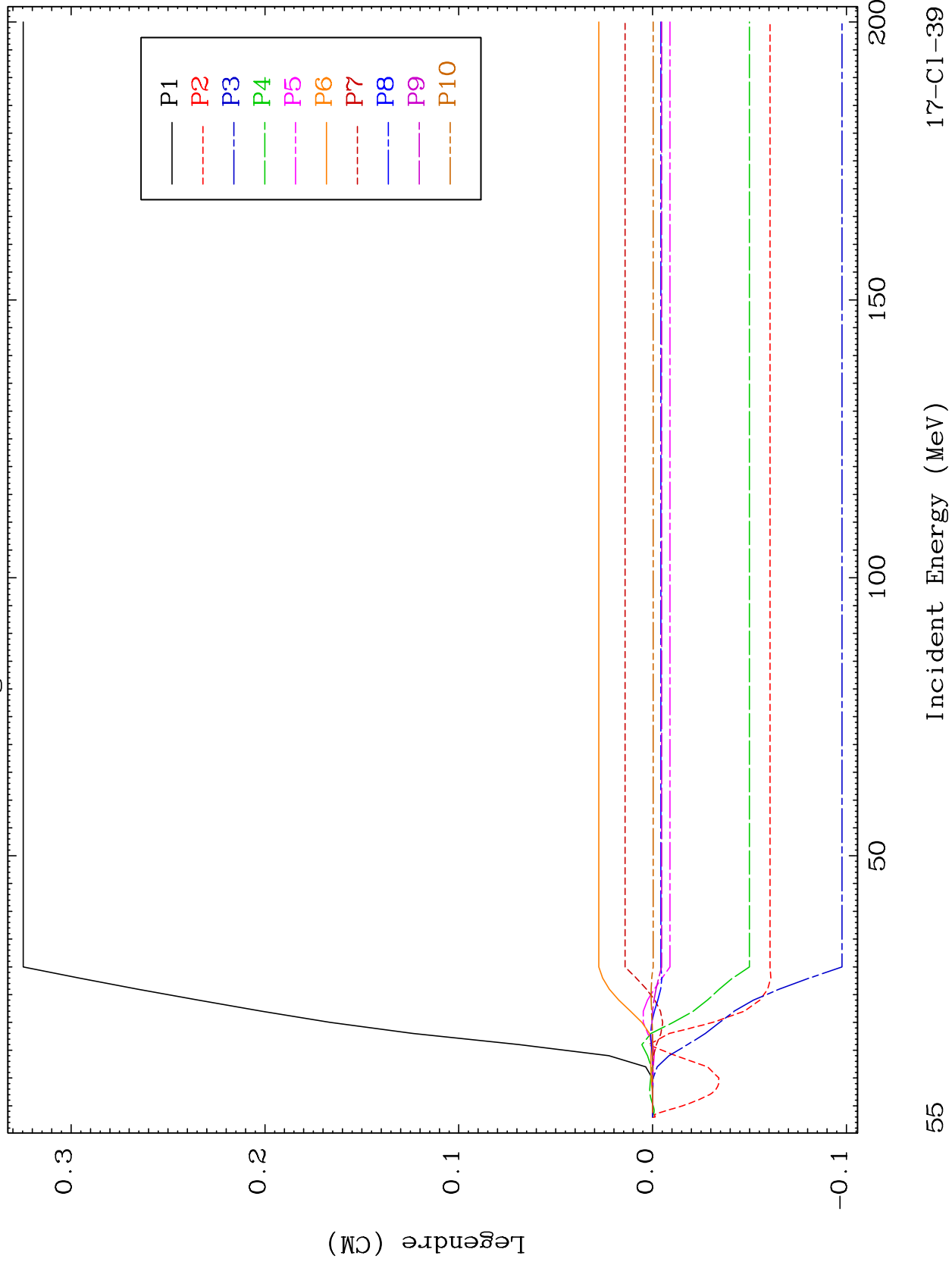




MAT 1737

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

17-Cl-39



55

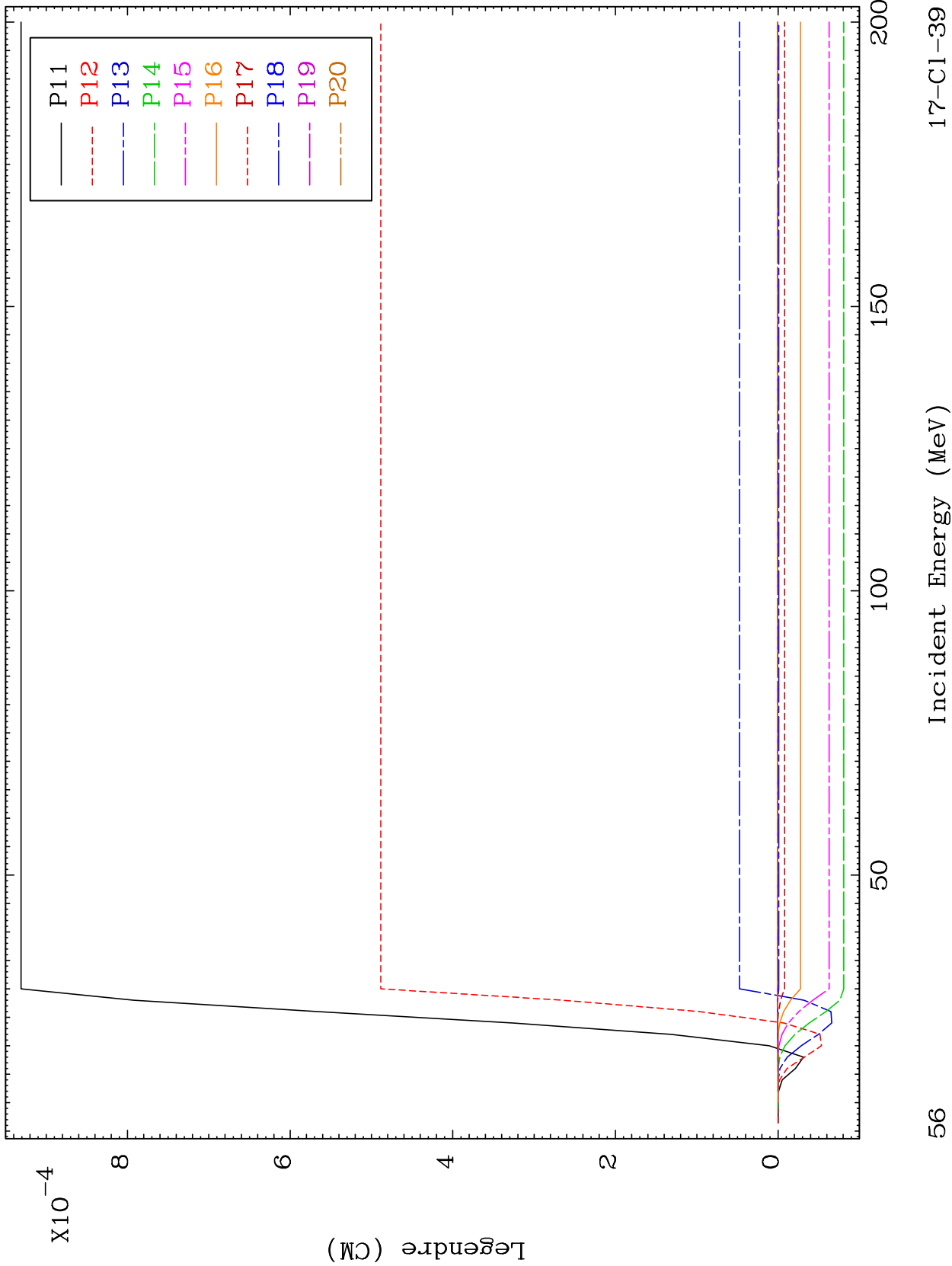
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



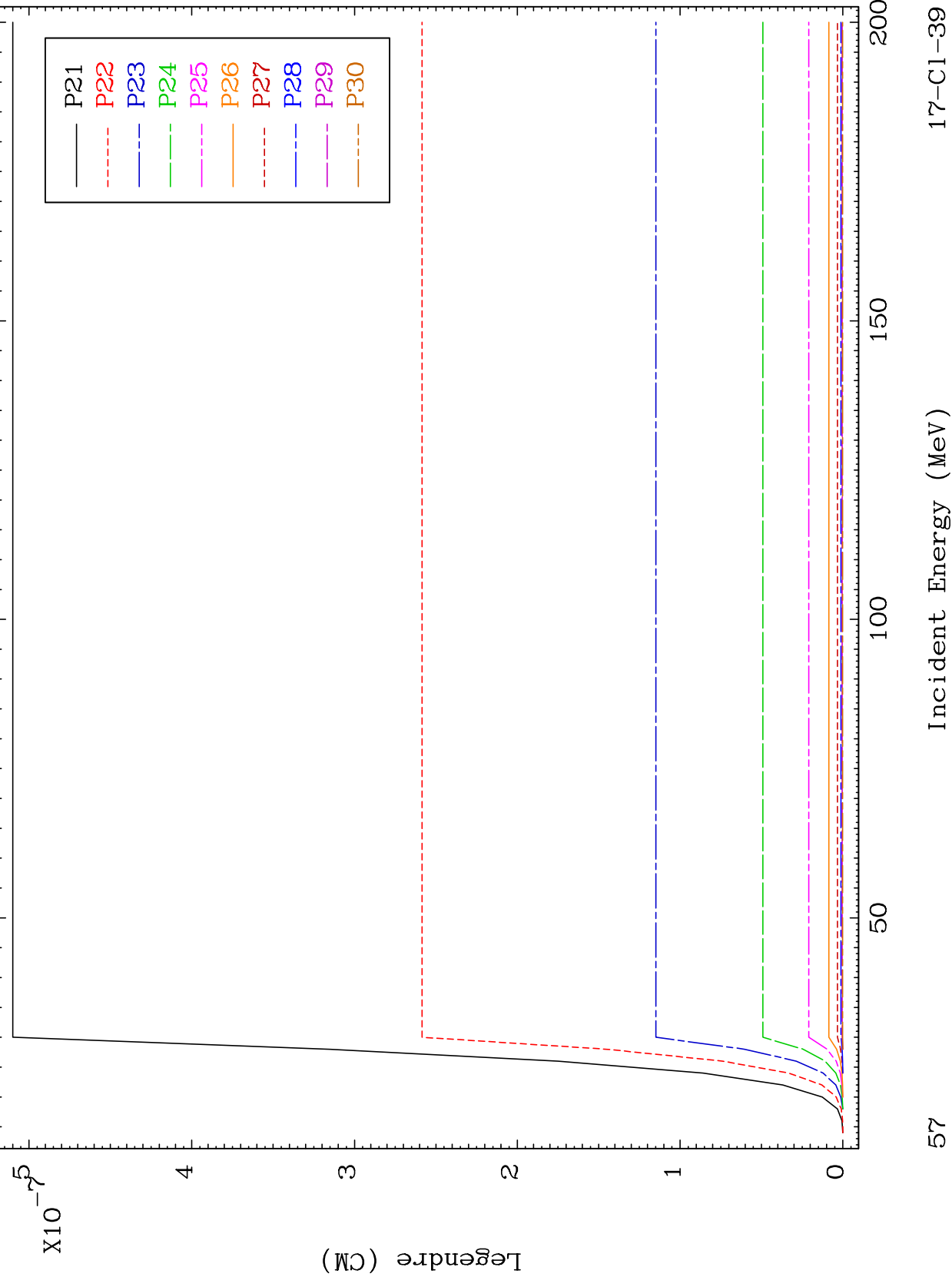
56

17-Cl-39

MAT 1737

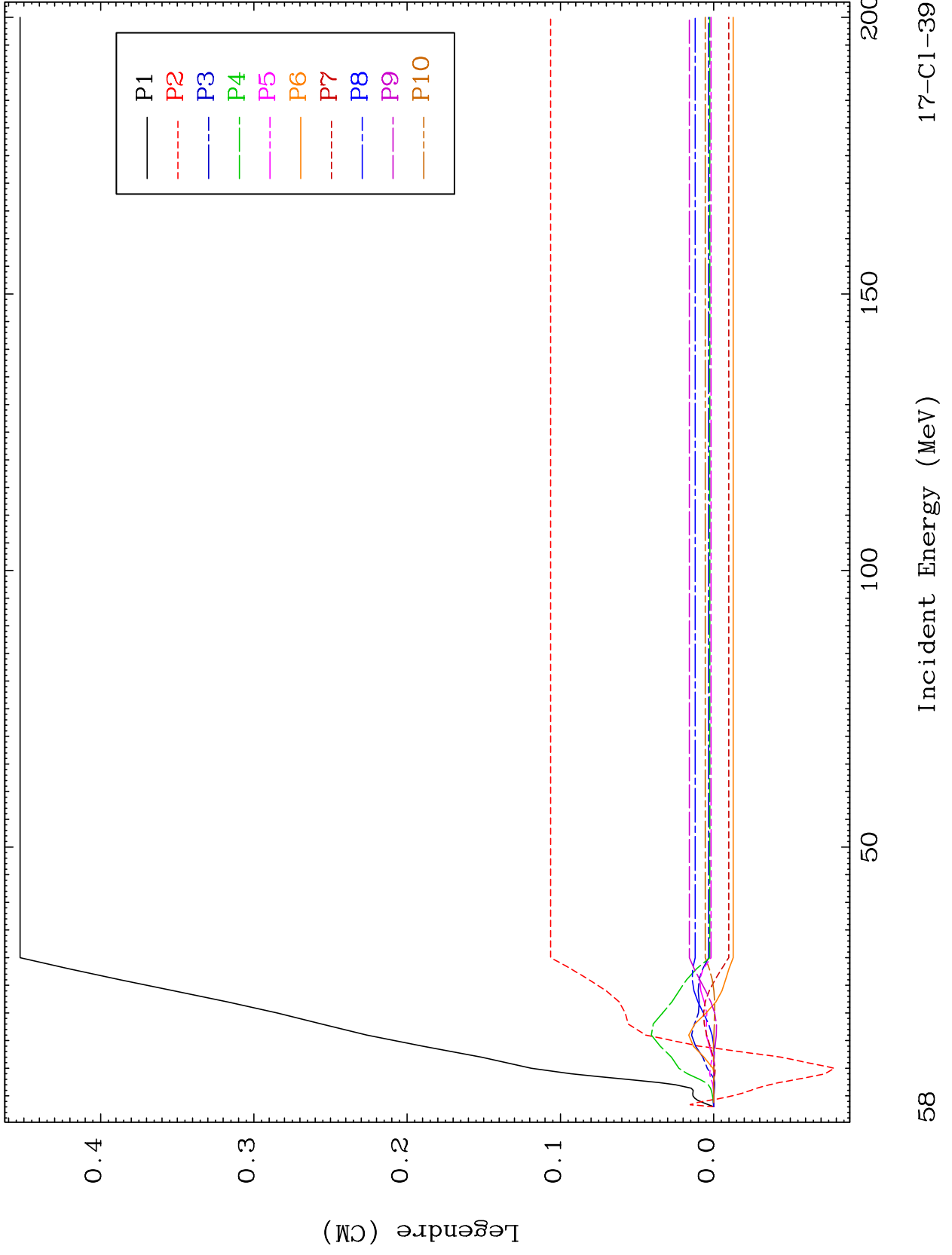
MT= 63 (n,n') Level
Legendre Coefficients

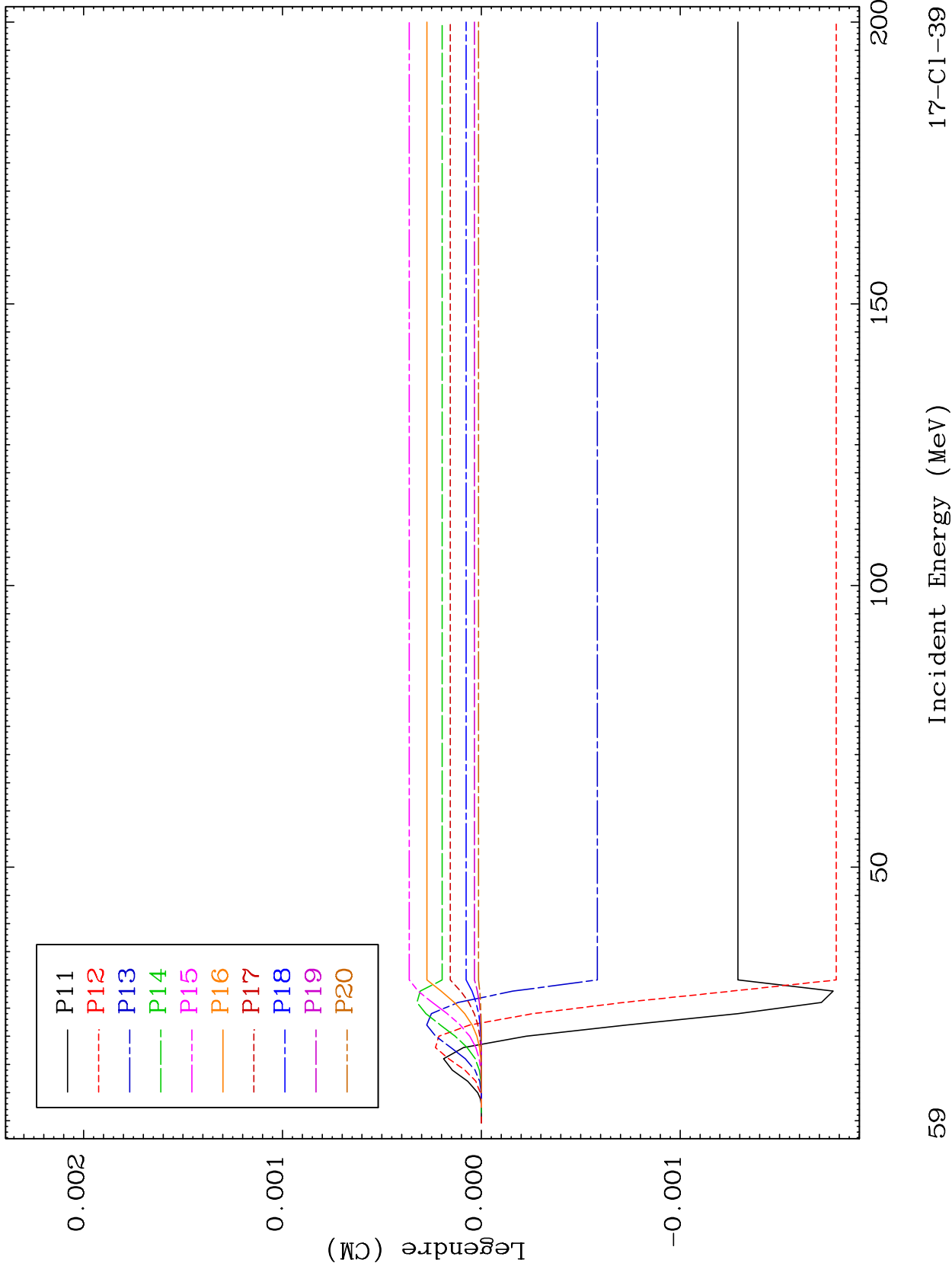
17-Cl-39



57

17-Cl-39

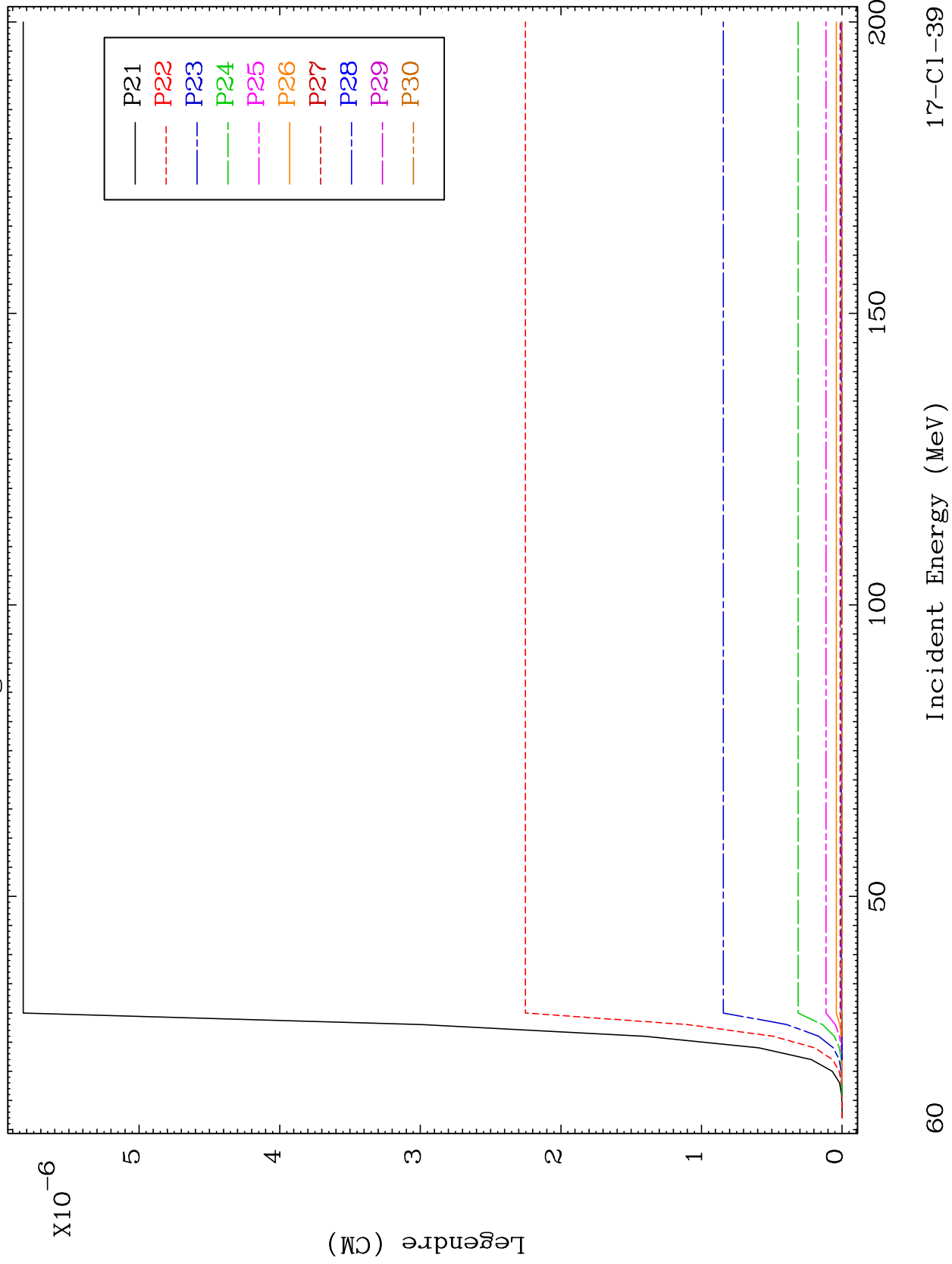


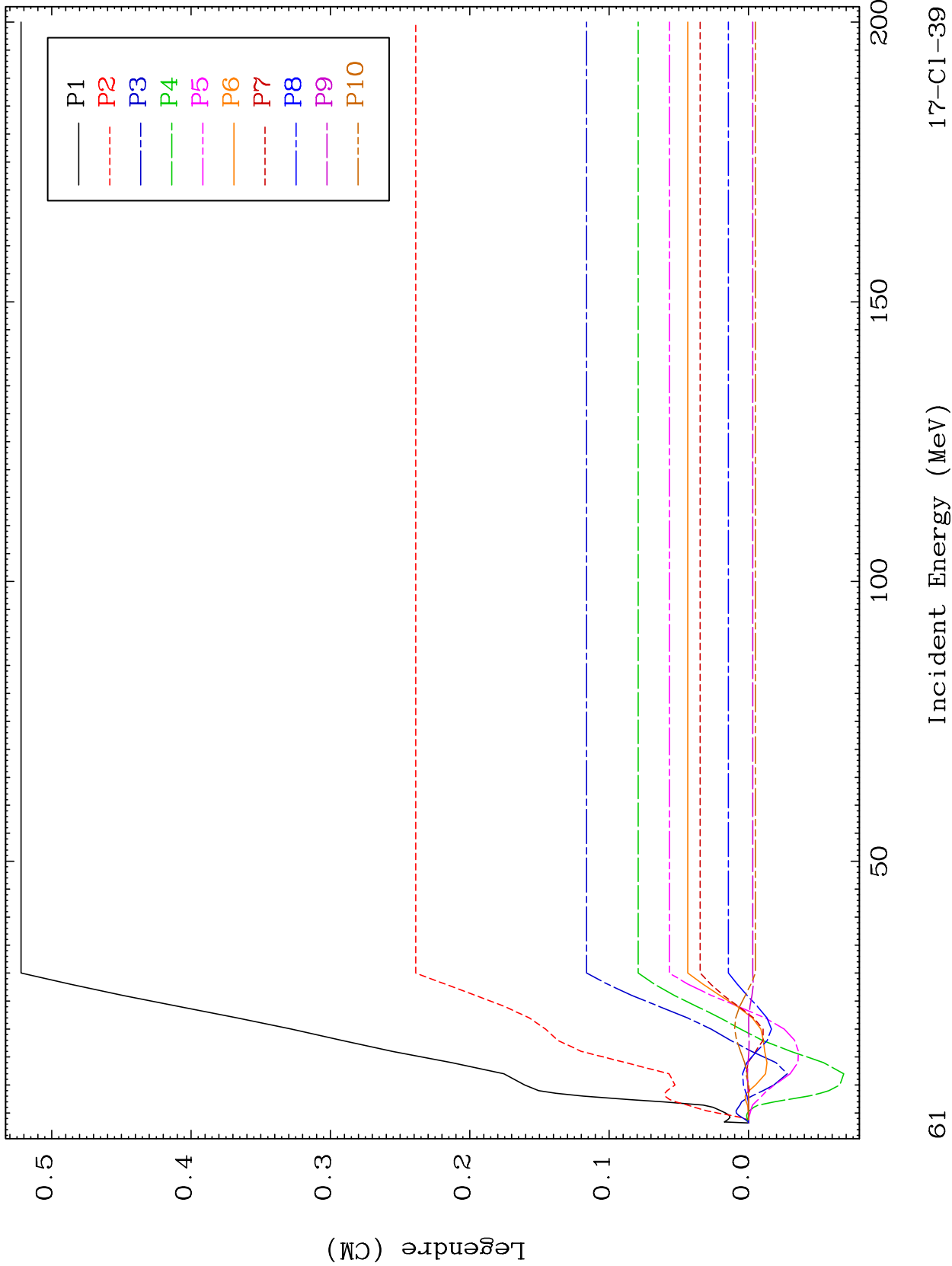


MAT 1737

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

17-Cl-39

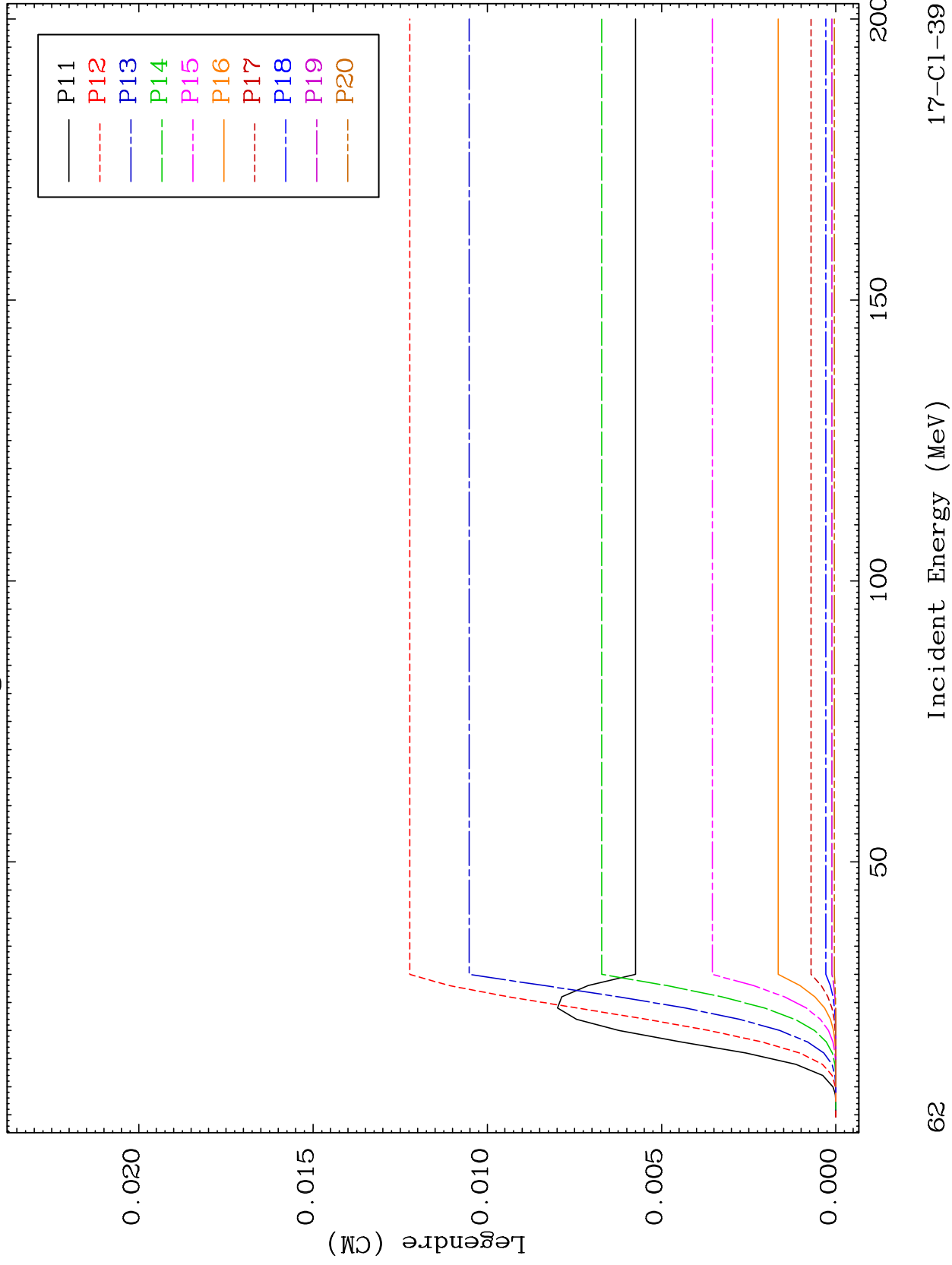




MAT 1737

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

17-Cl-39



62

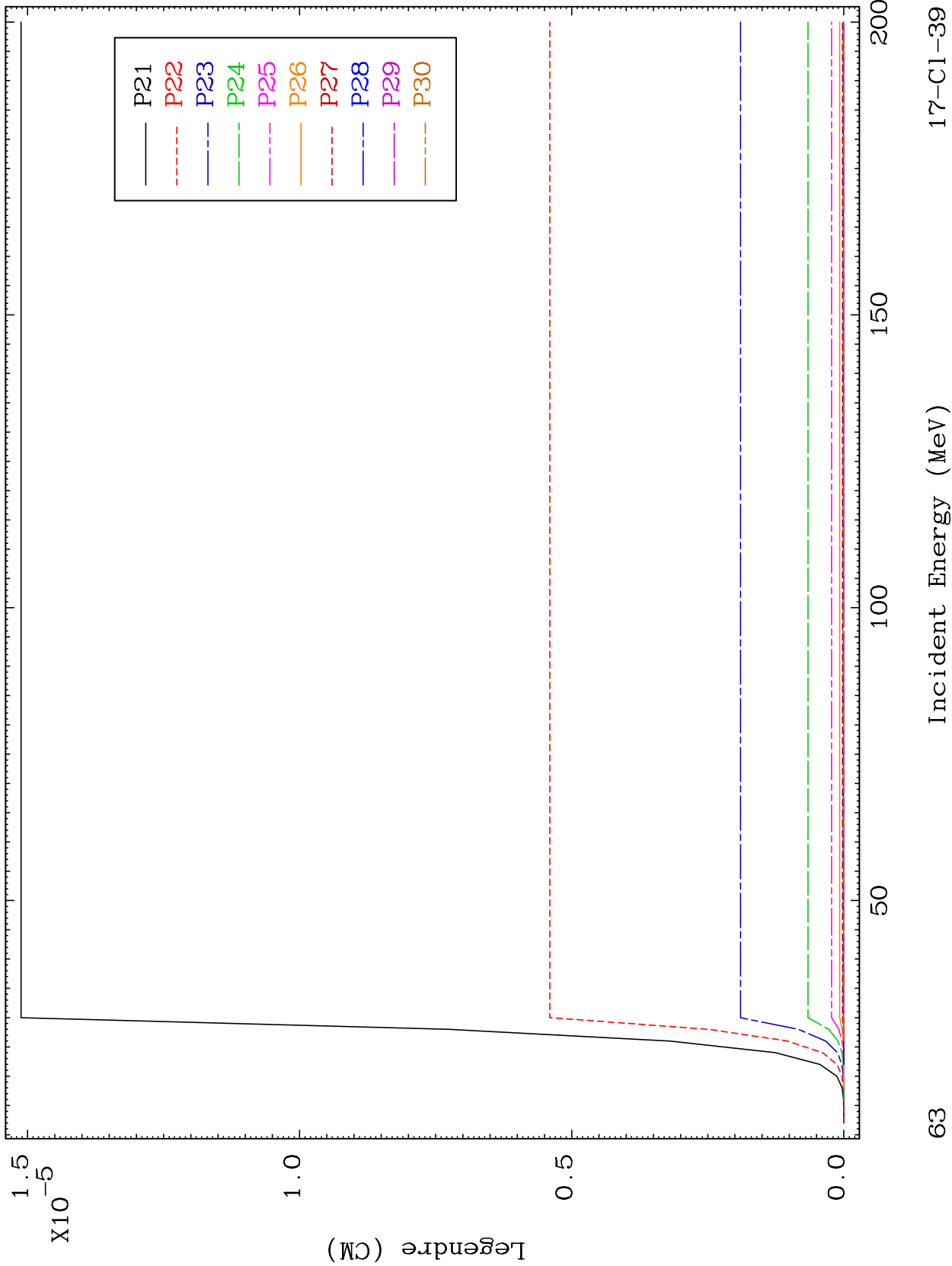
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39

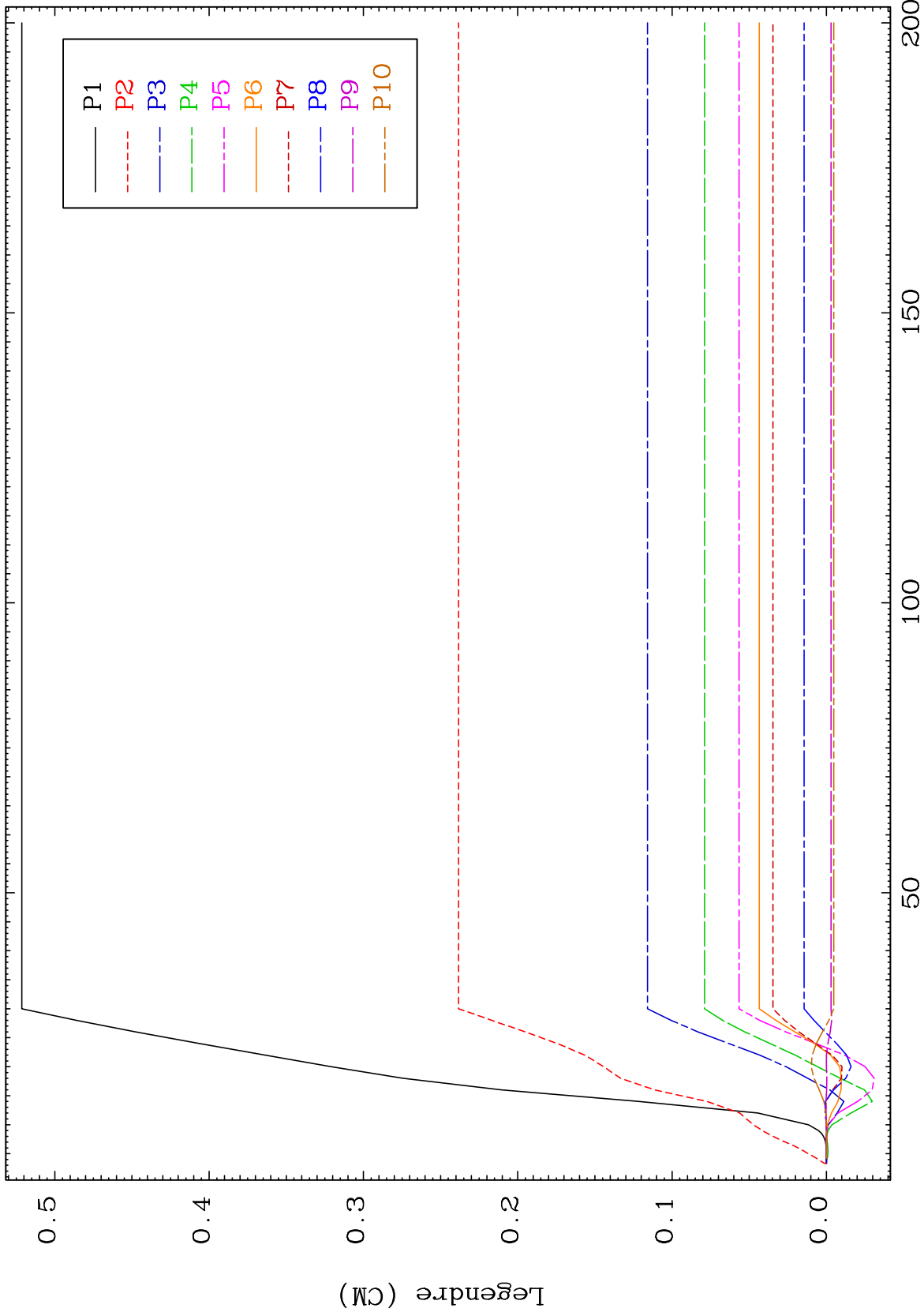


63

MAT 1737

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

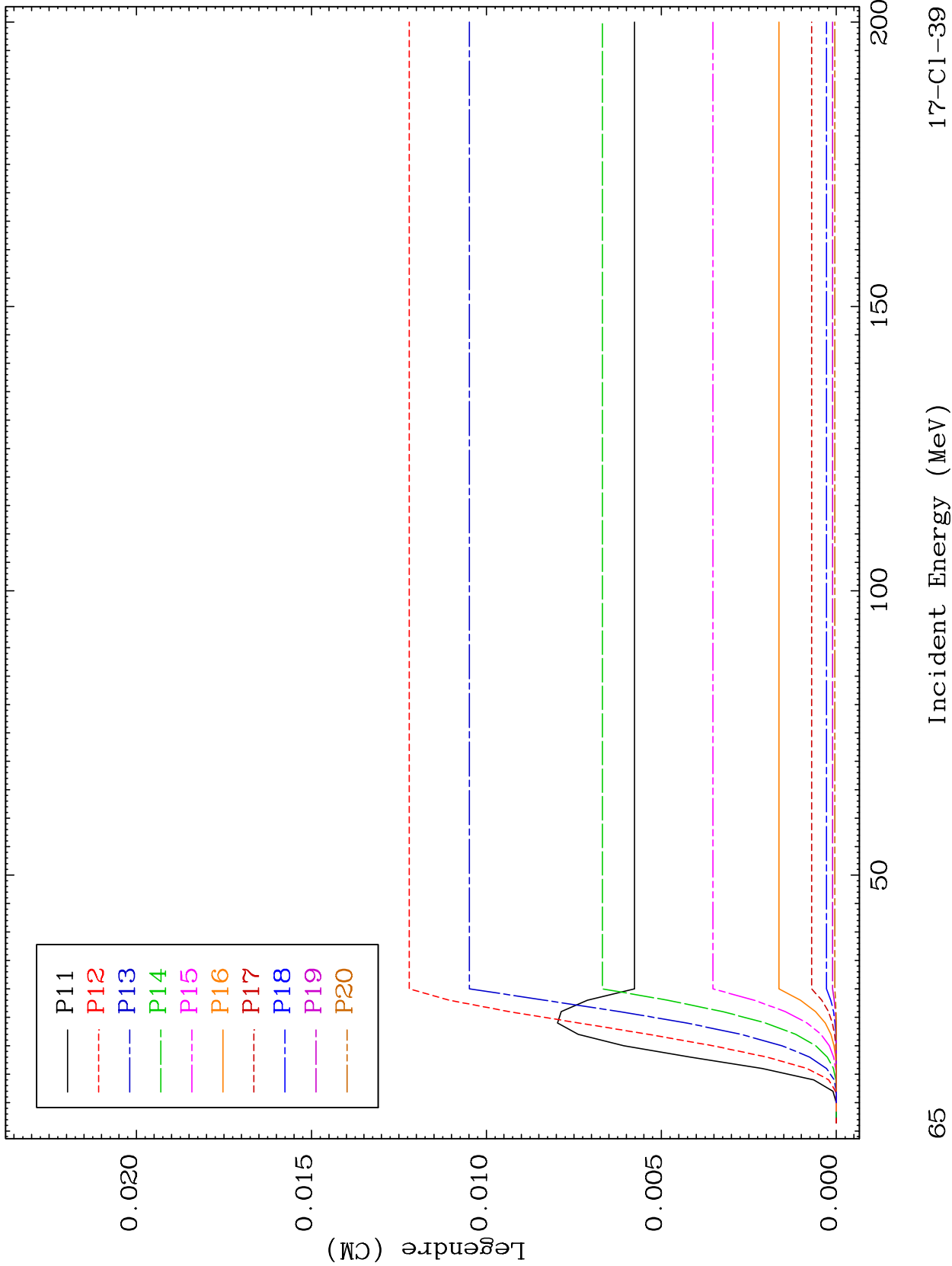
17-Cl-39



64

Incident Energy (MeV)

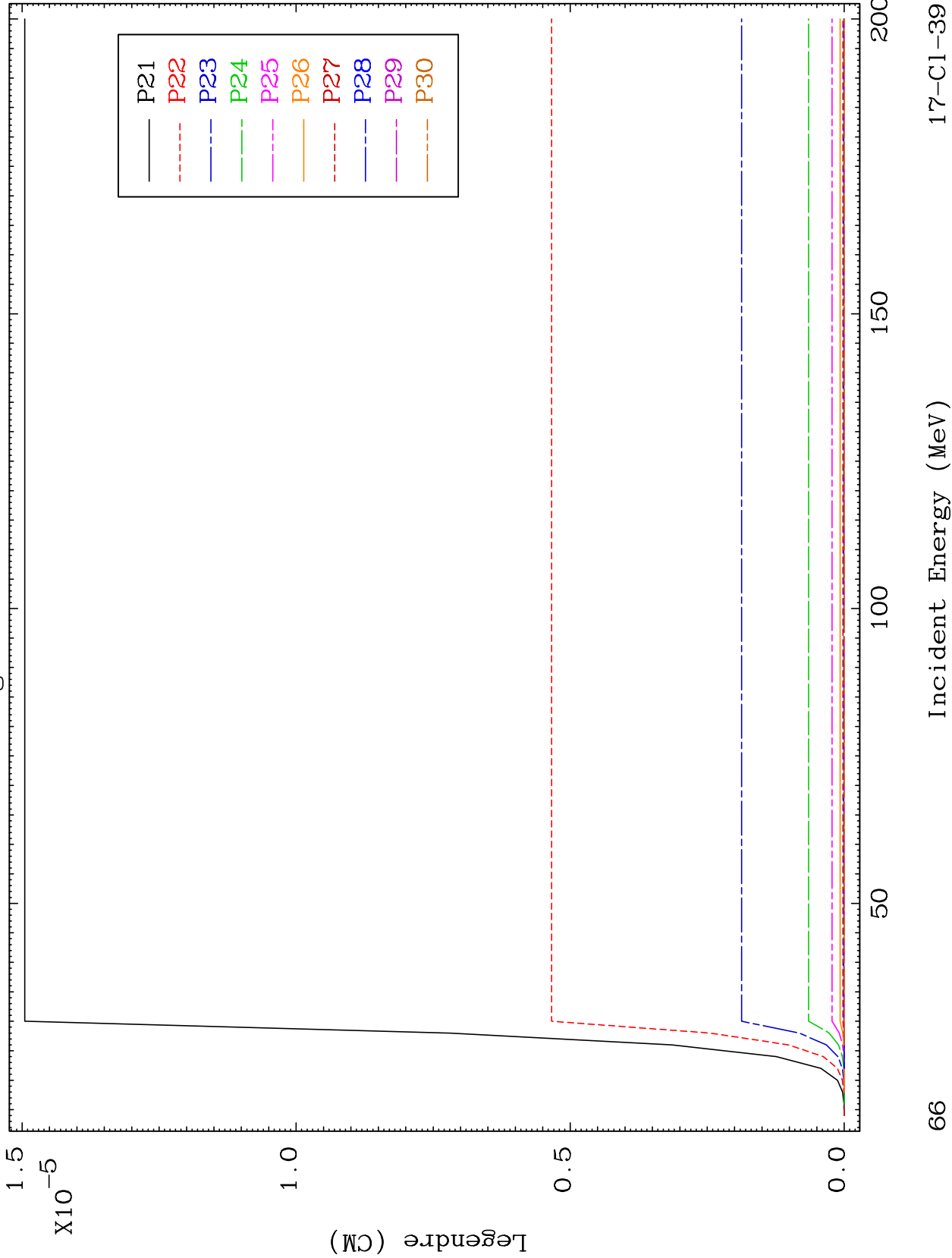
17-Cl-39



MAT 1737

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

17-Cl-39



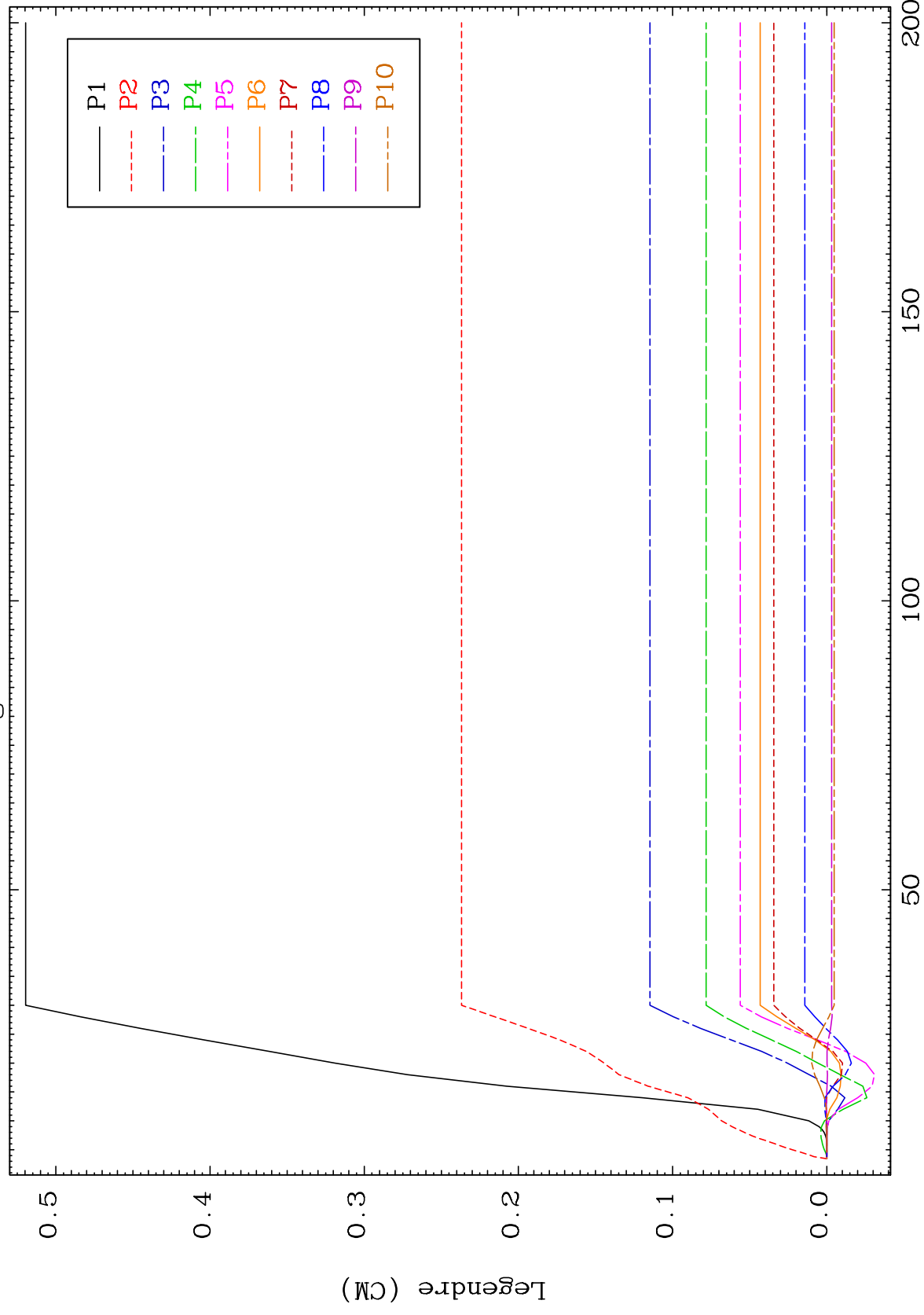
66

17-Cl-39

MAT 1737

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

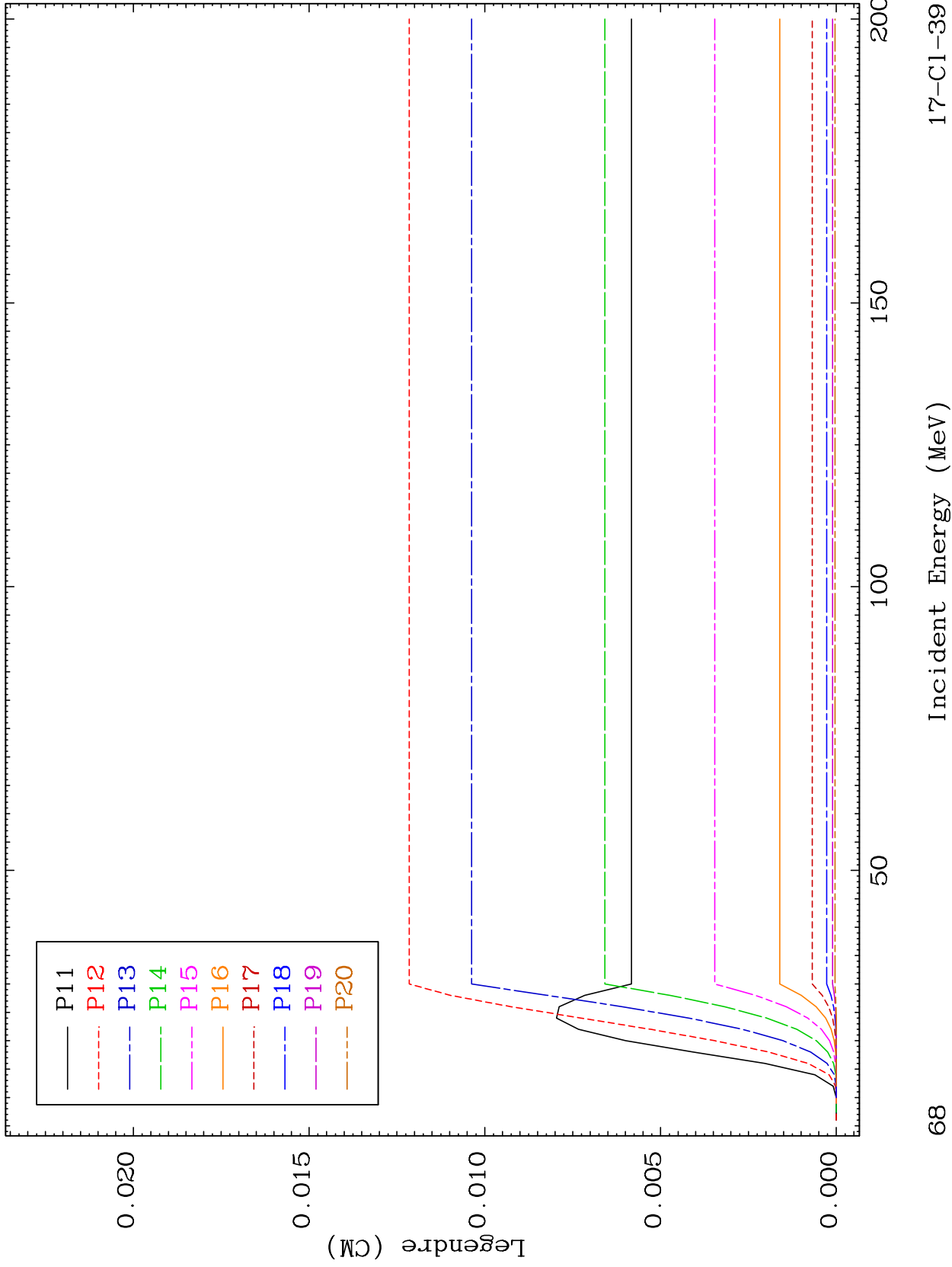
17-Cl-39



67

Incident Energy (MeV)

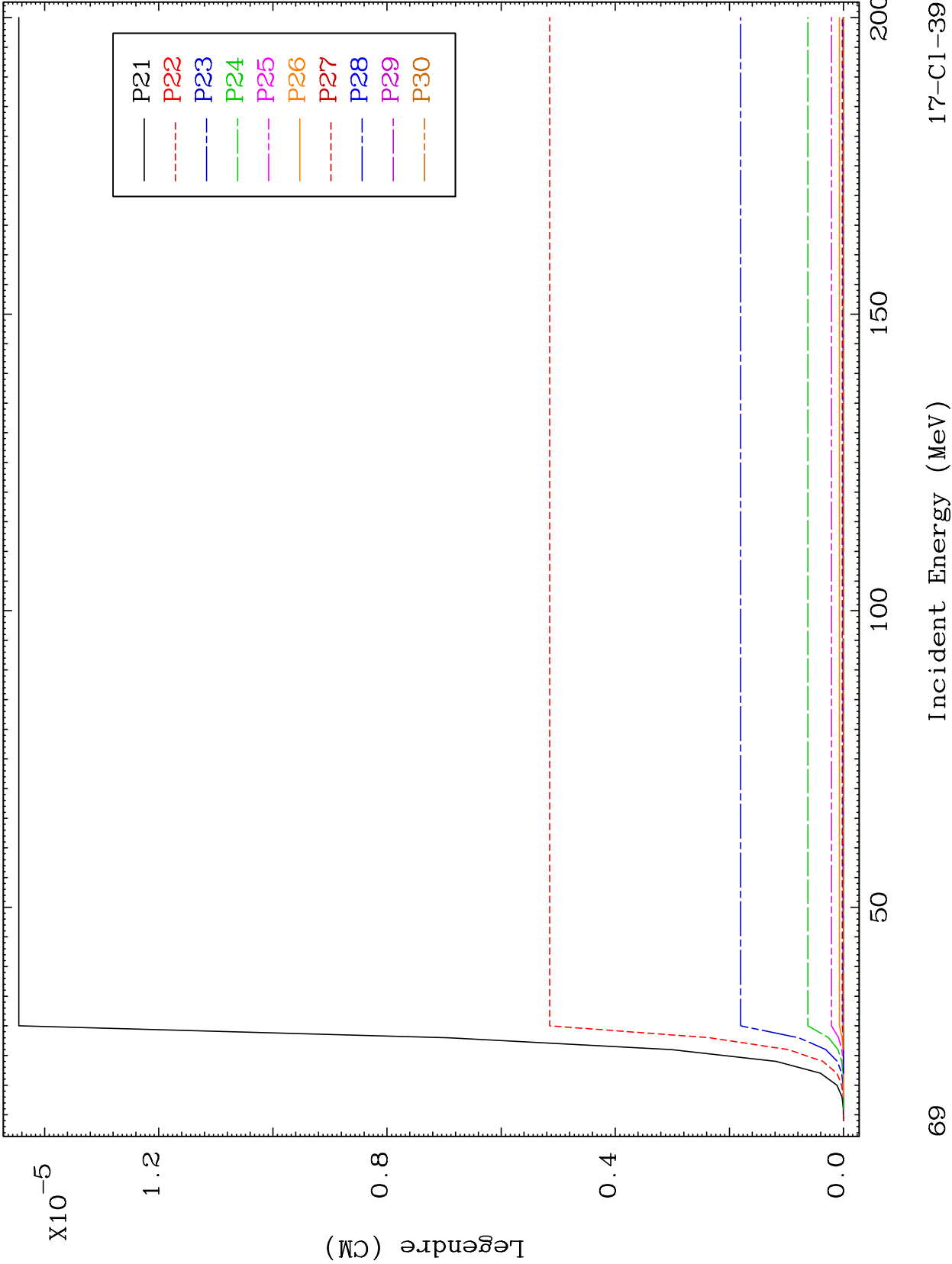
17-Cl-39



MAT 1737

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

17-Cl-39



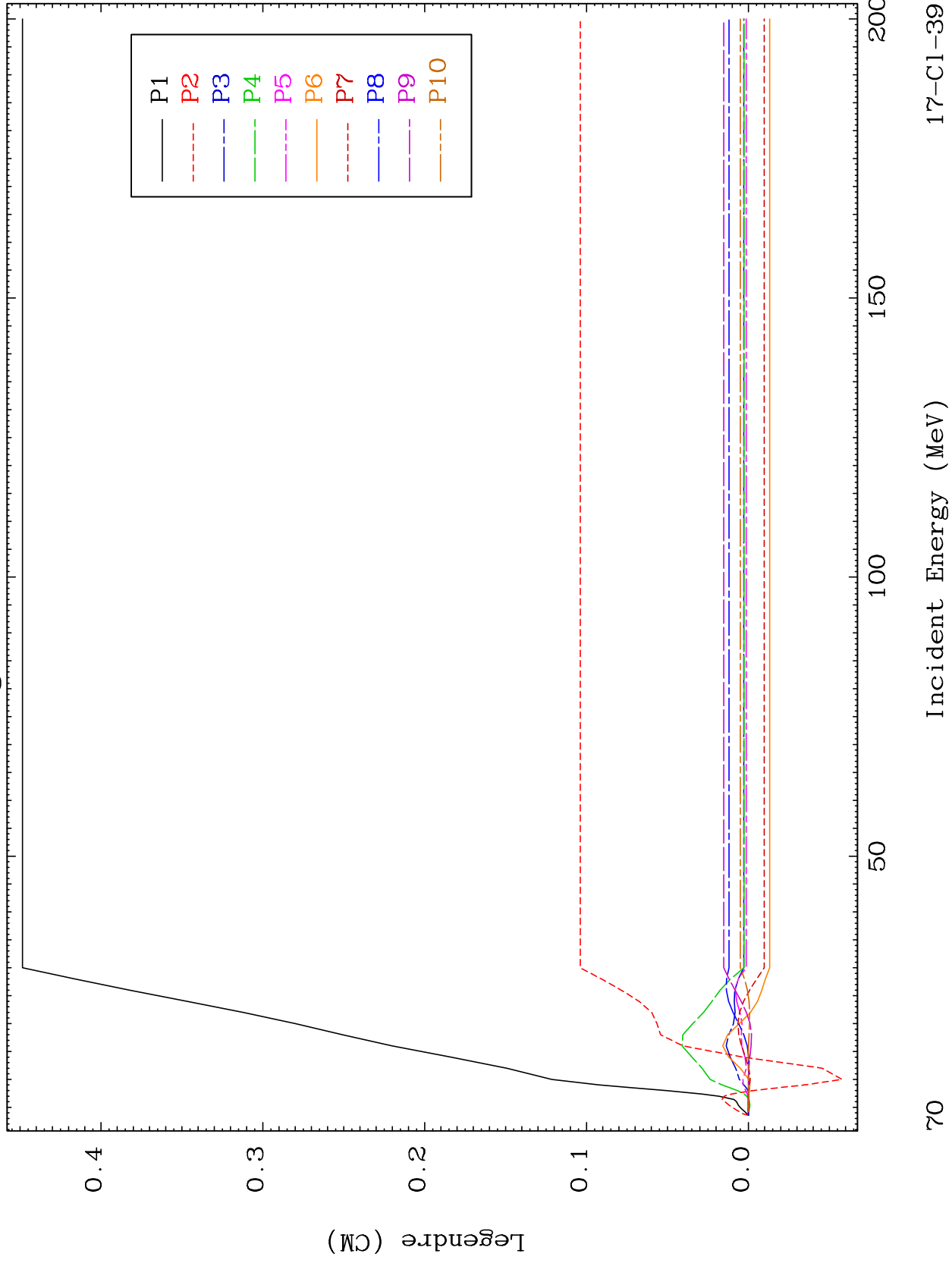
69

17-Cl-39

MAT 1737

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

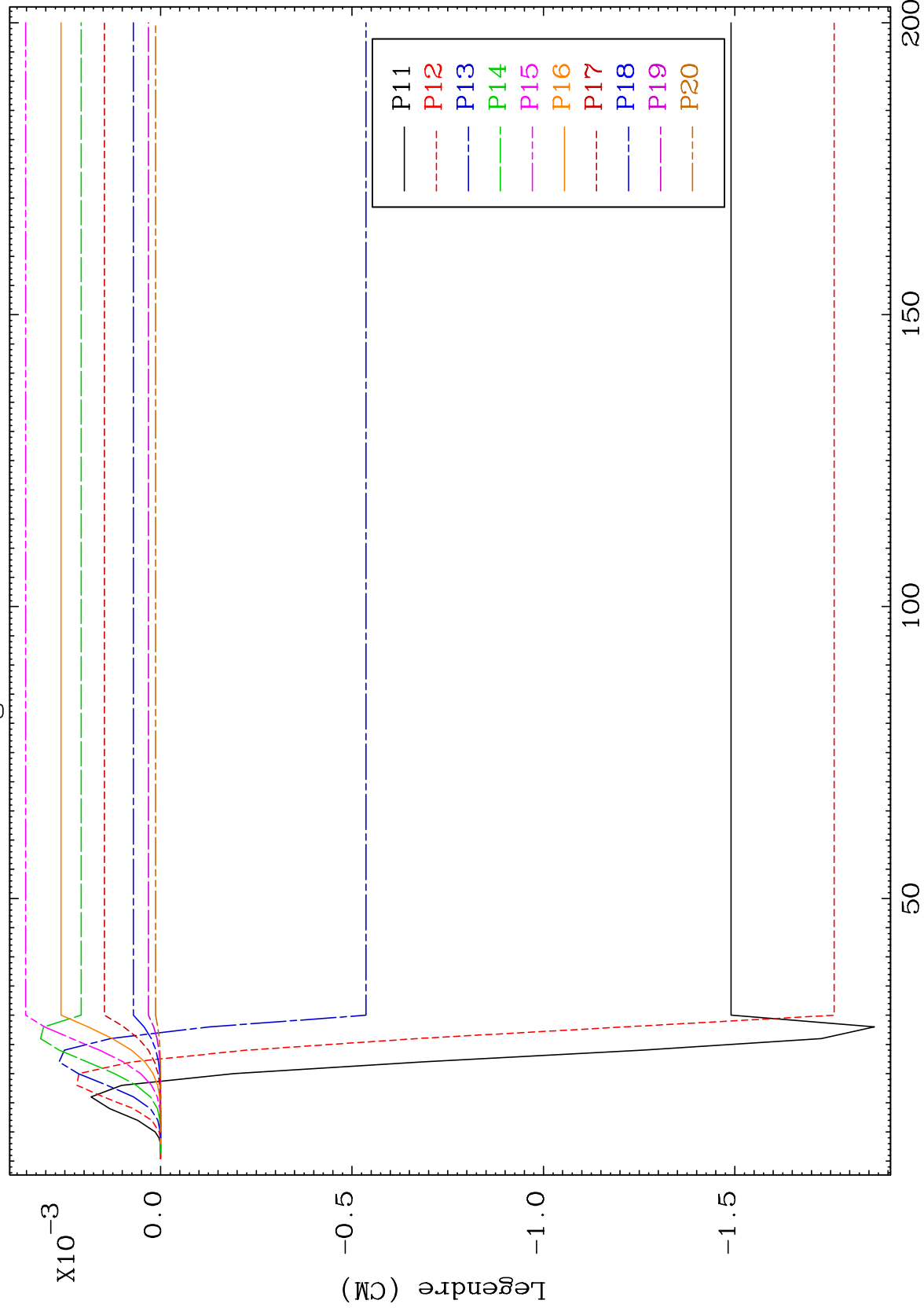
17-Cl-39



70

Incident Energy (MeV)

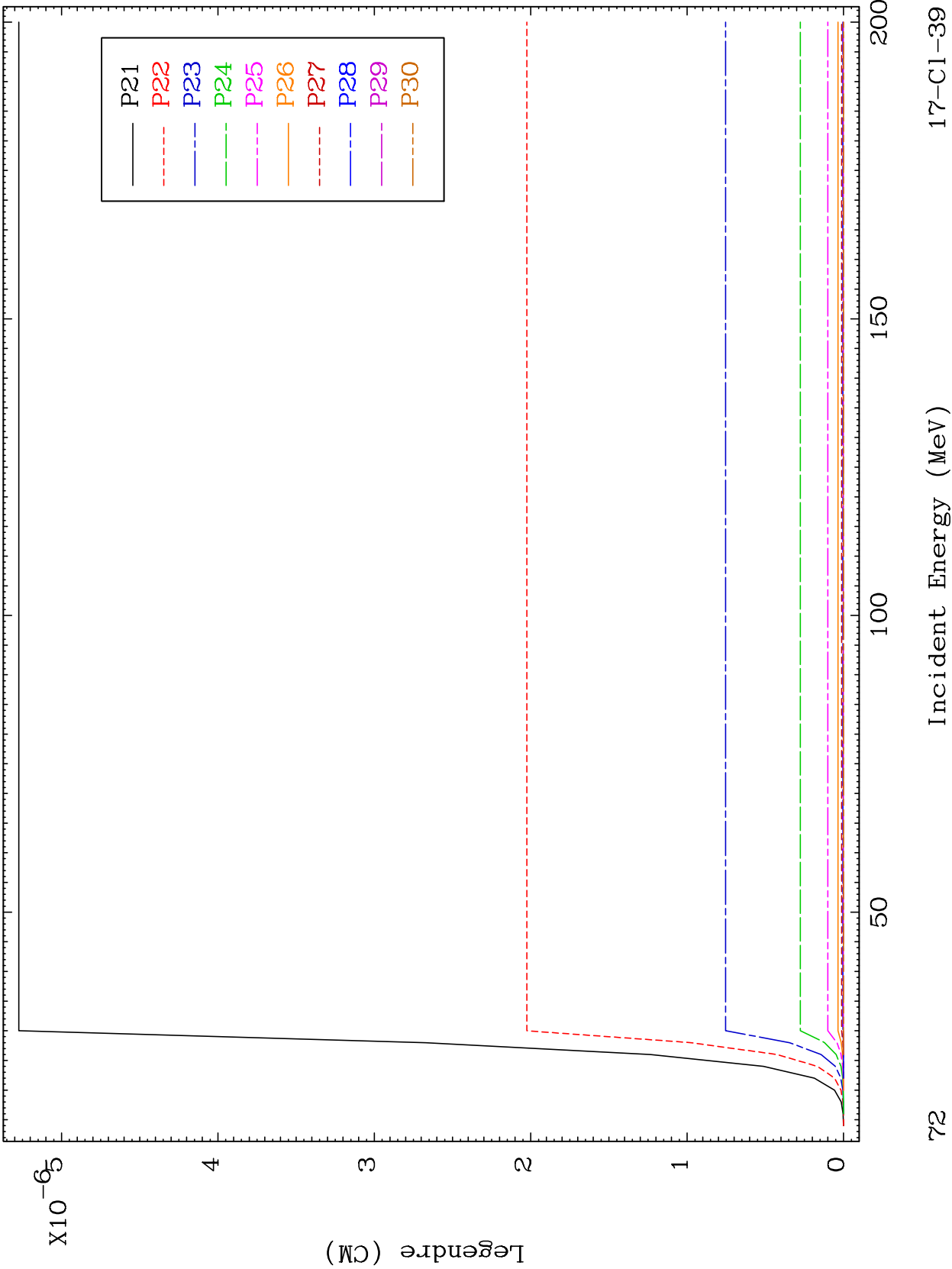
17-Cl-39



MAT 1737

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

17-Cl-39



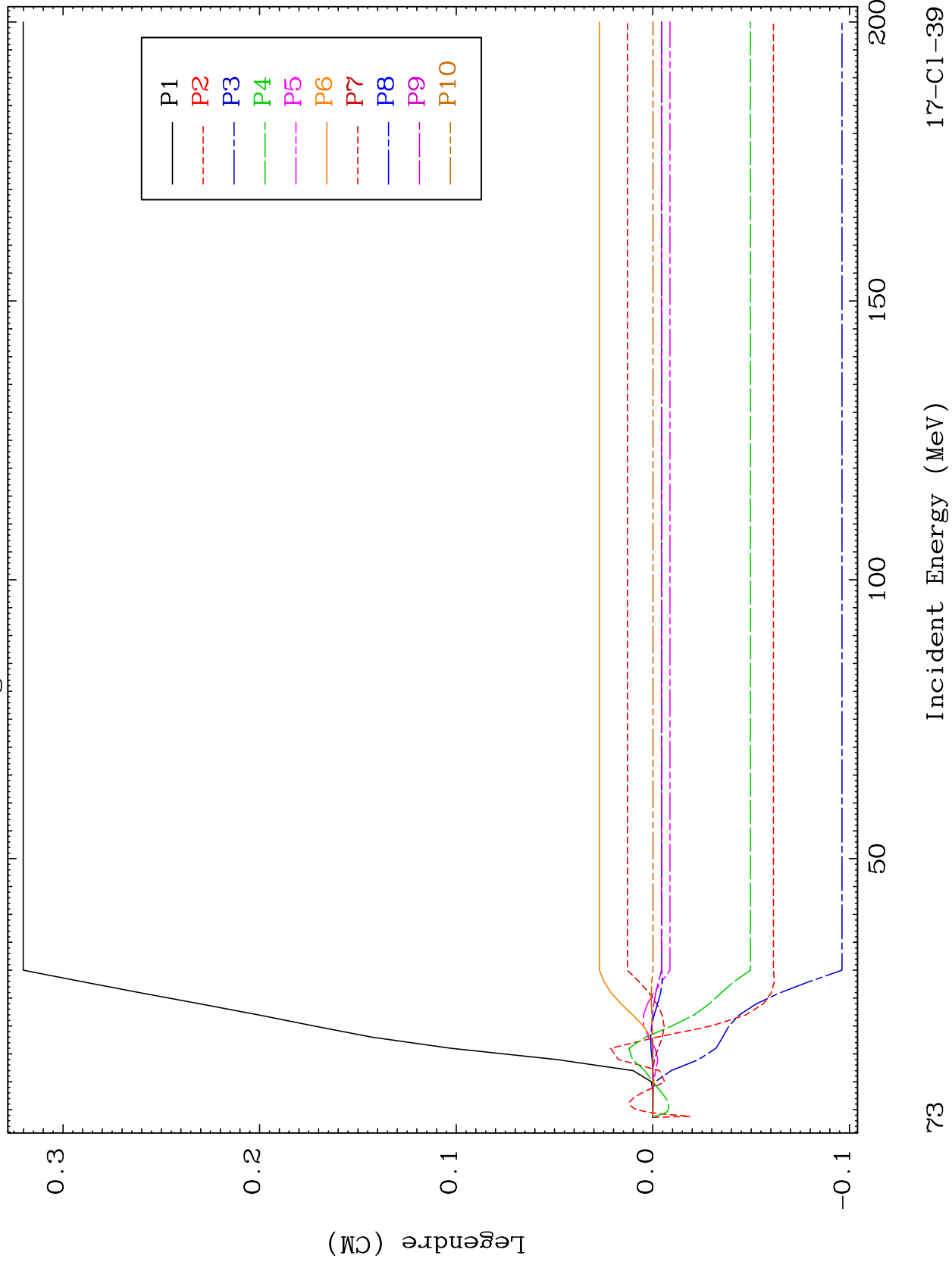
72

17-Cl-39

MAT 1737

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

17-Cl-39



73

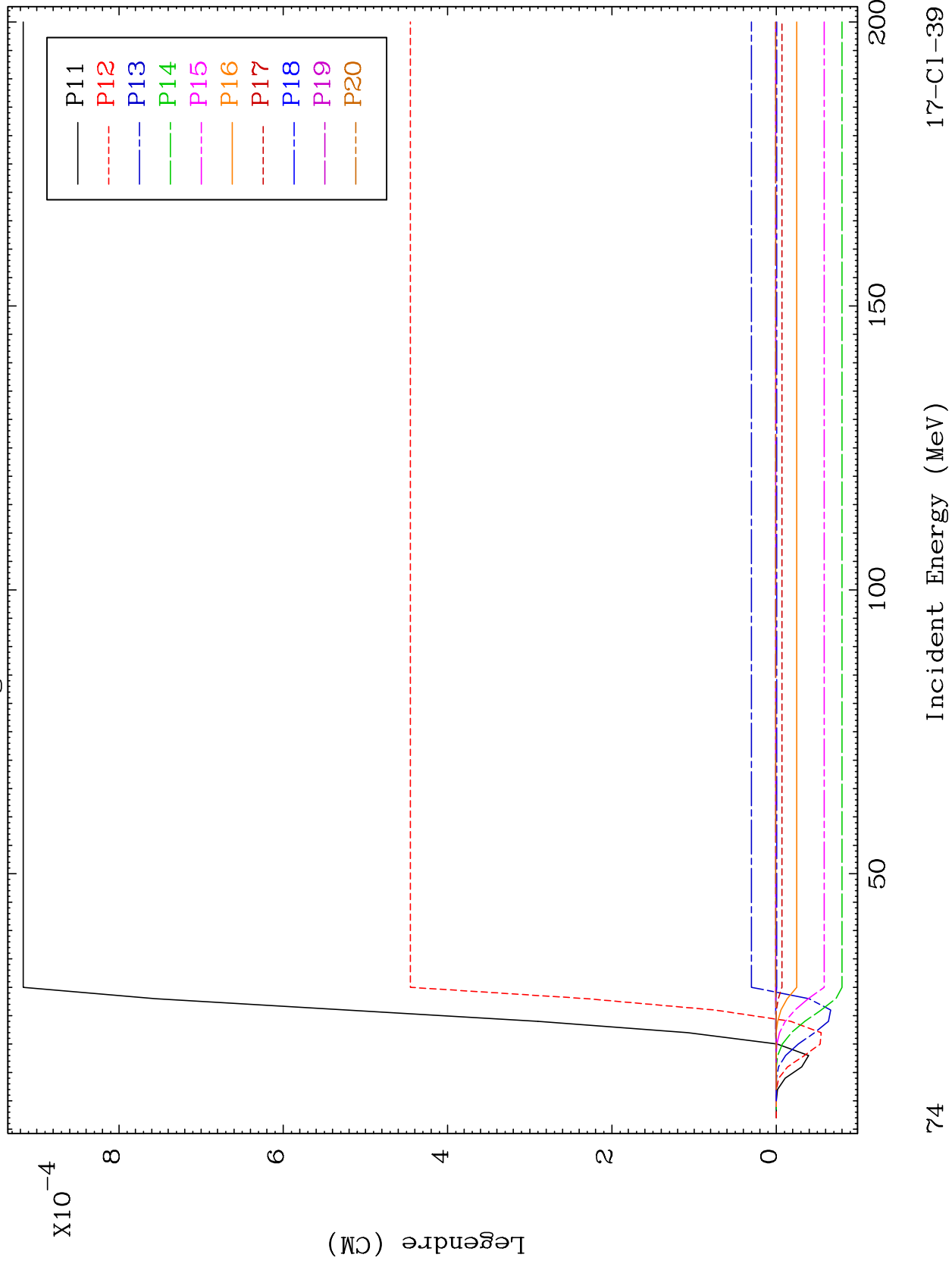
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

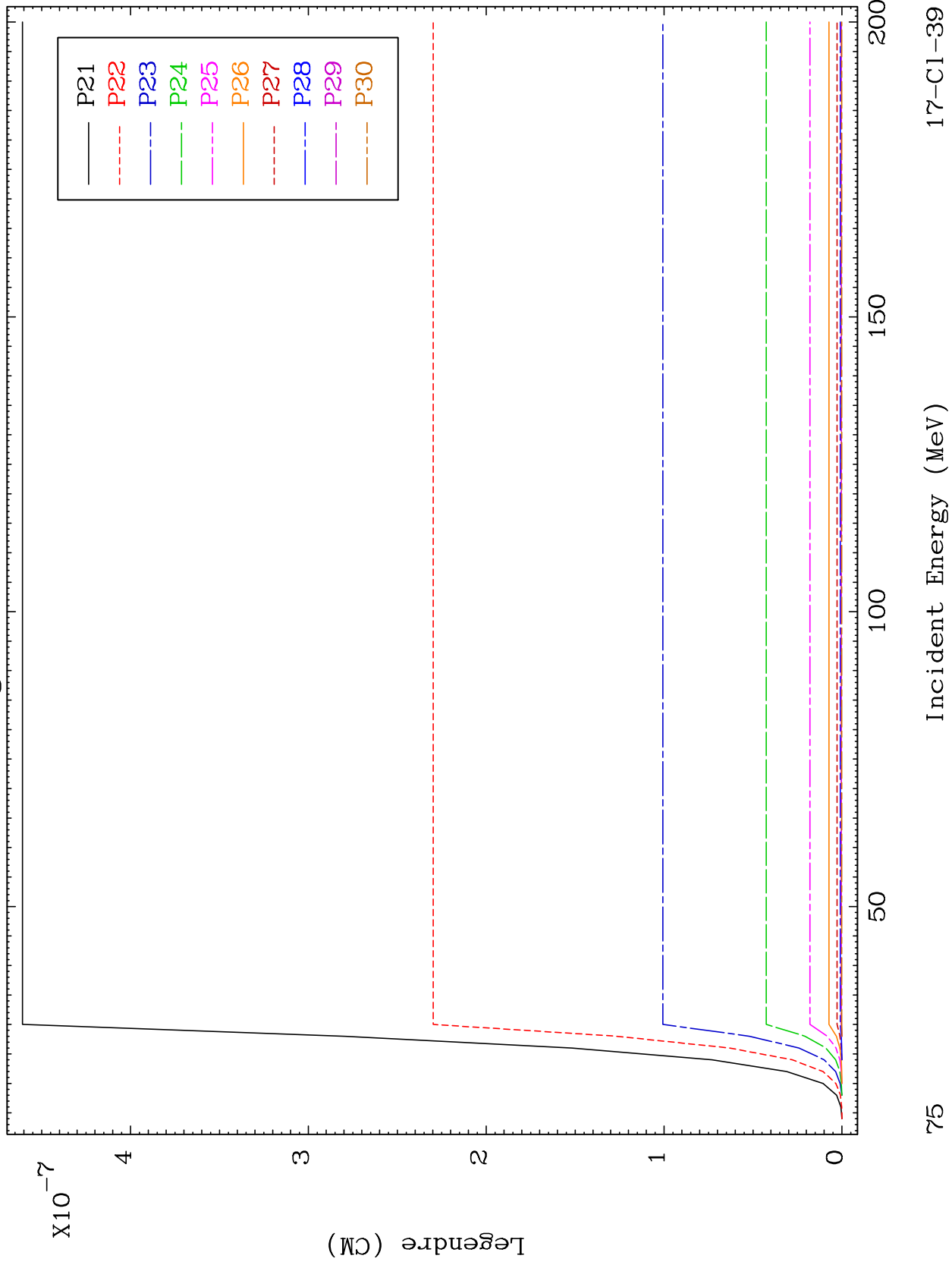
17-Cl-39



MAT 1737

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

17-Cl-39



75

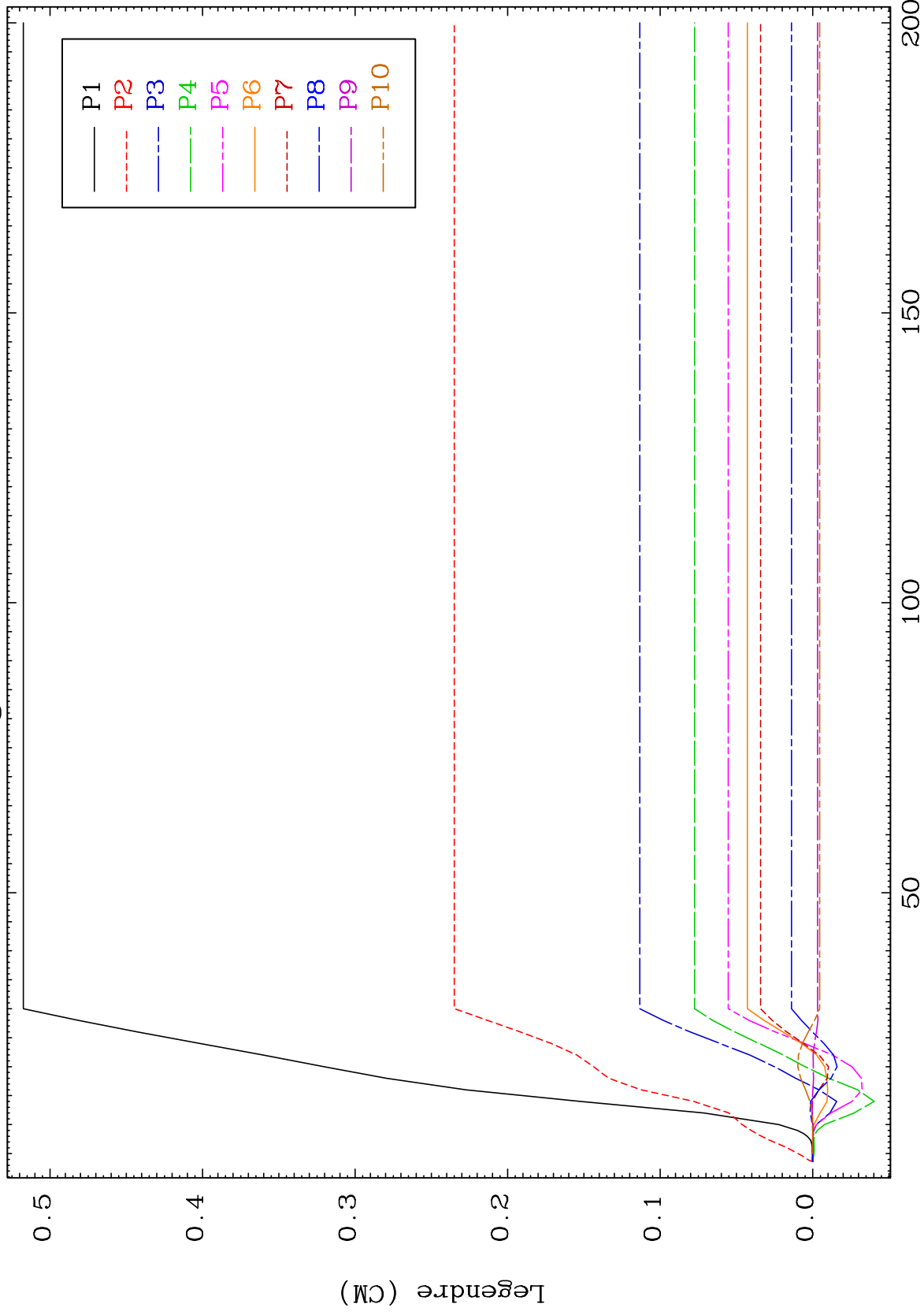
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

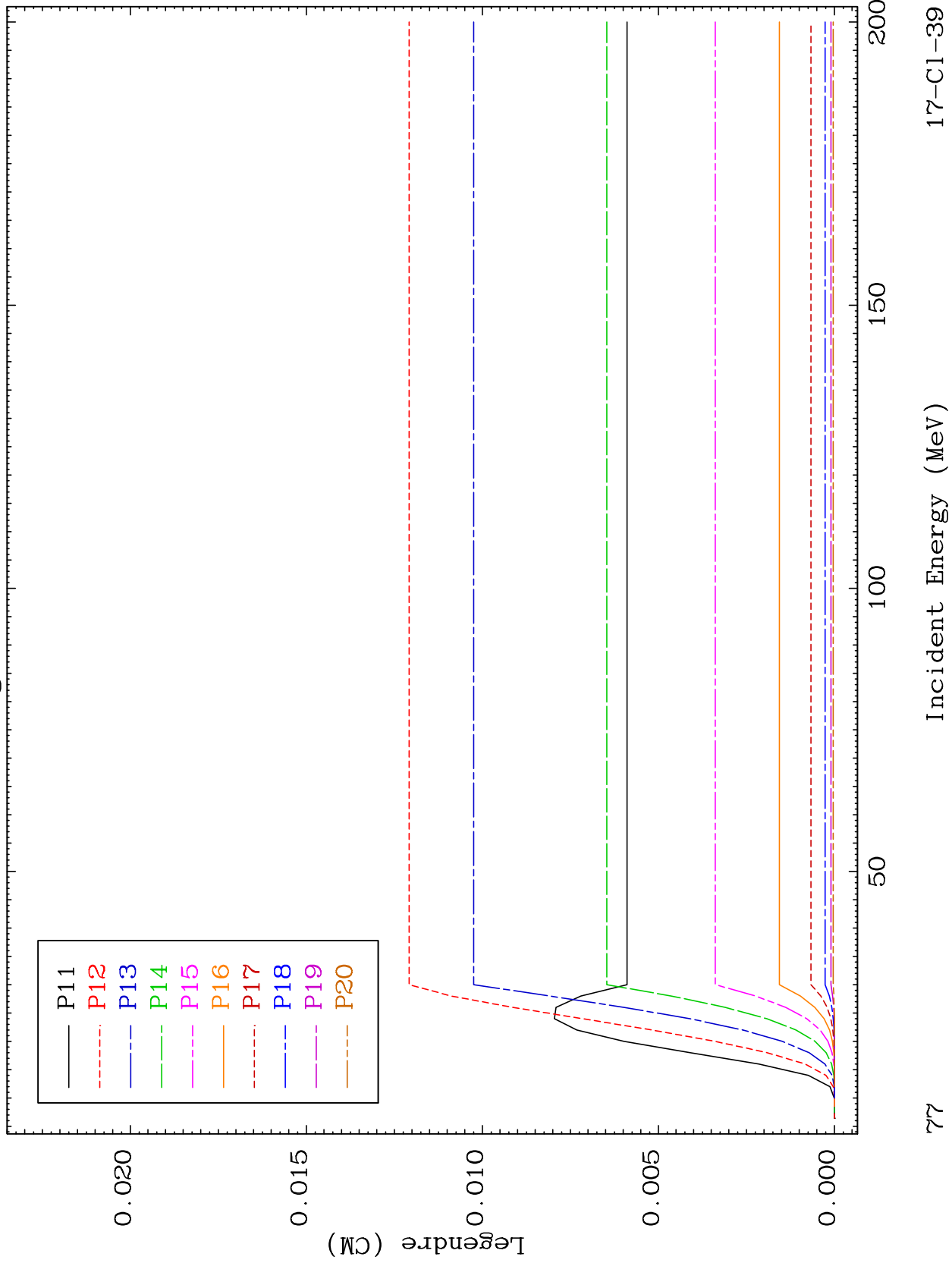
17-Cl-39



76

Incident Energy (MeV)

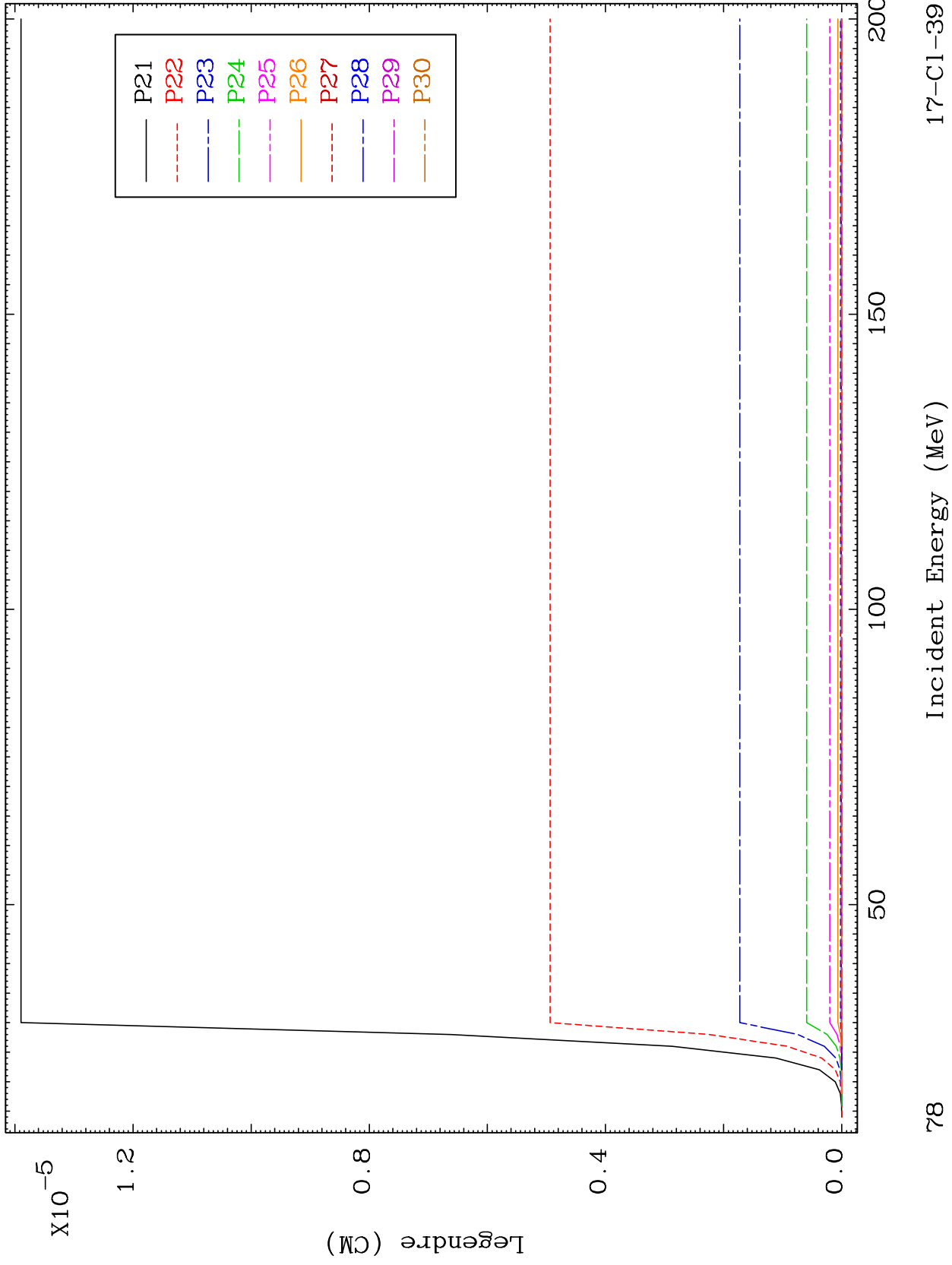
17-Cl-39



MAT 1737

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

17-Cl-39



78

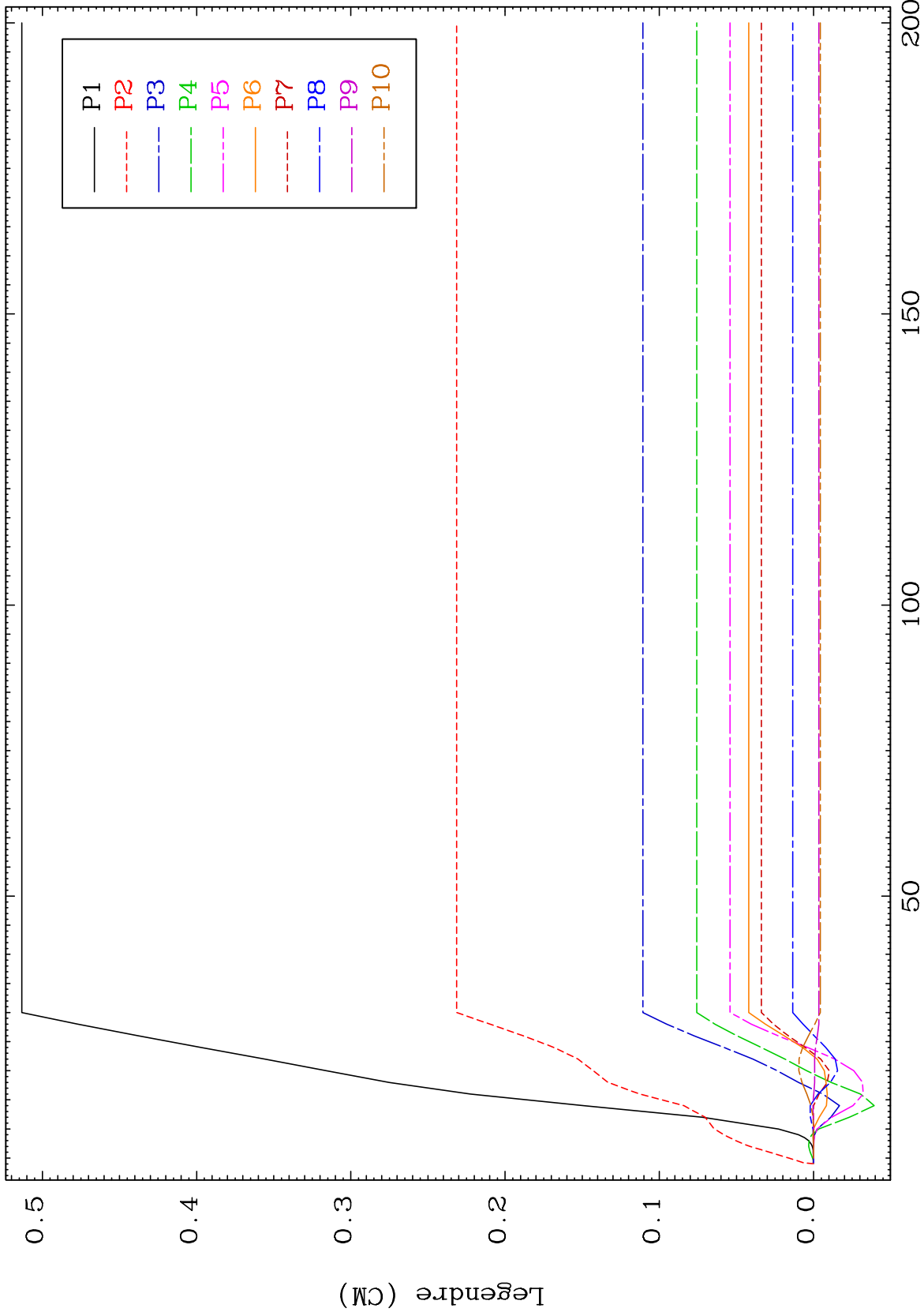
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



79

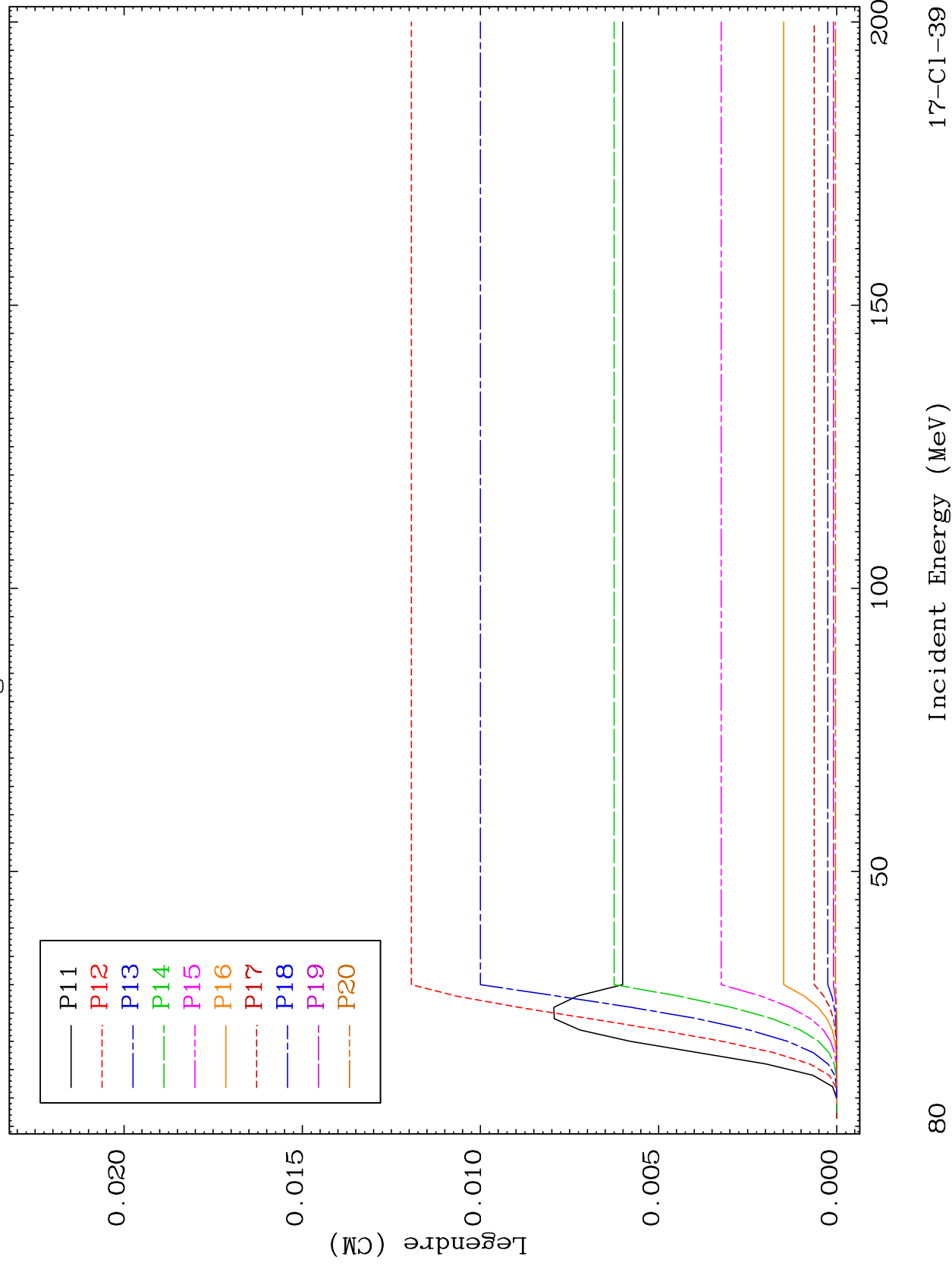
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



80

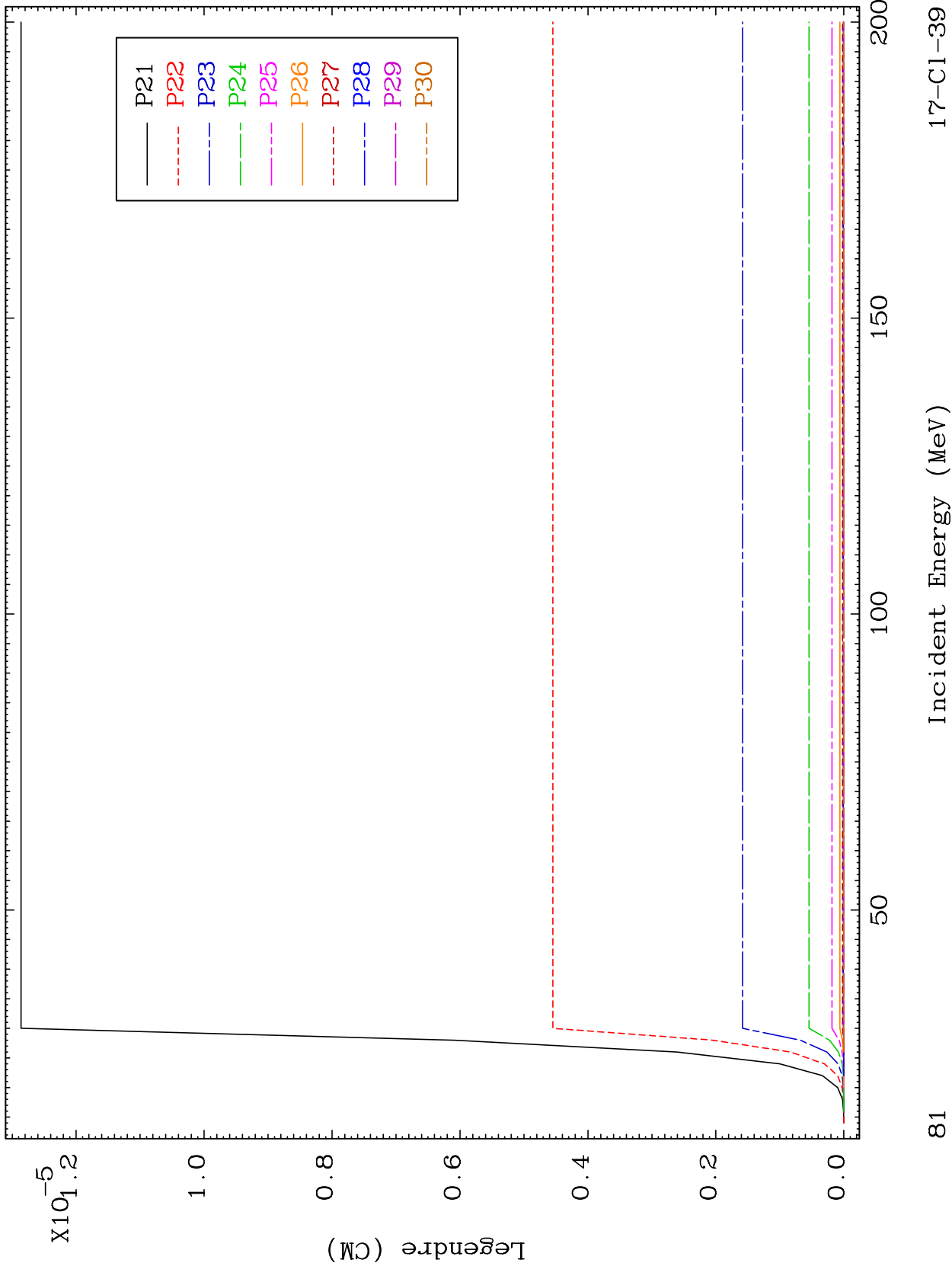
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



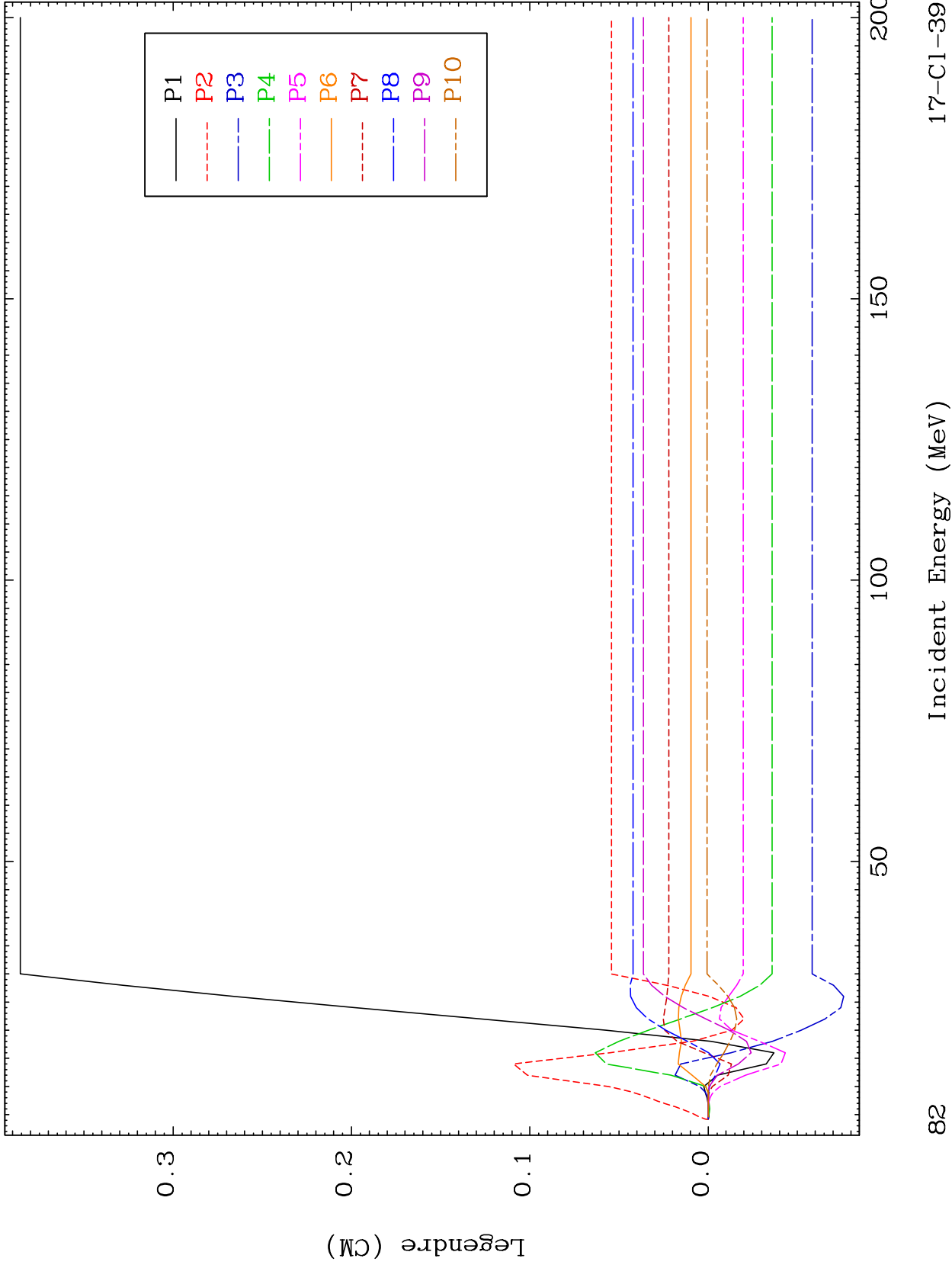
81

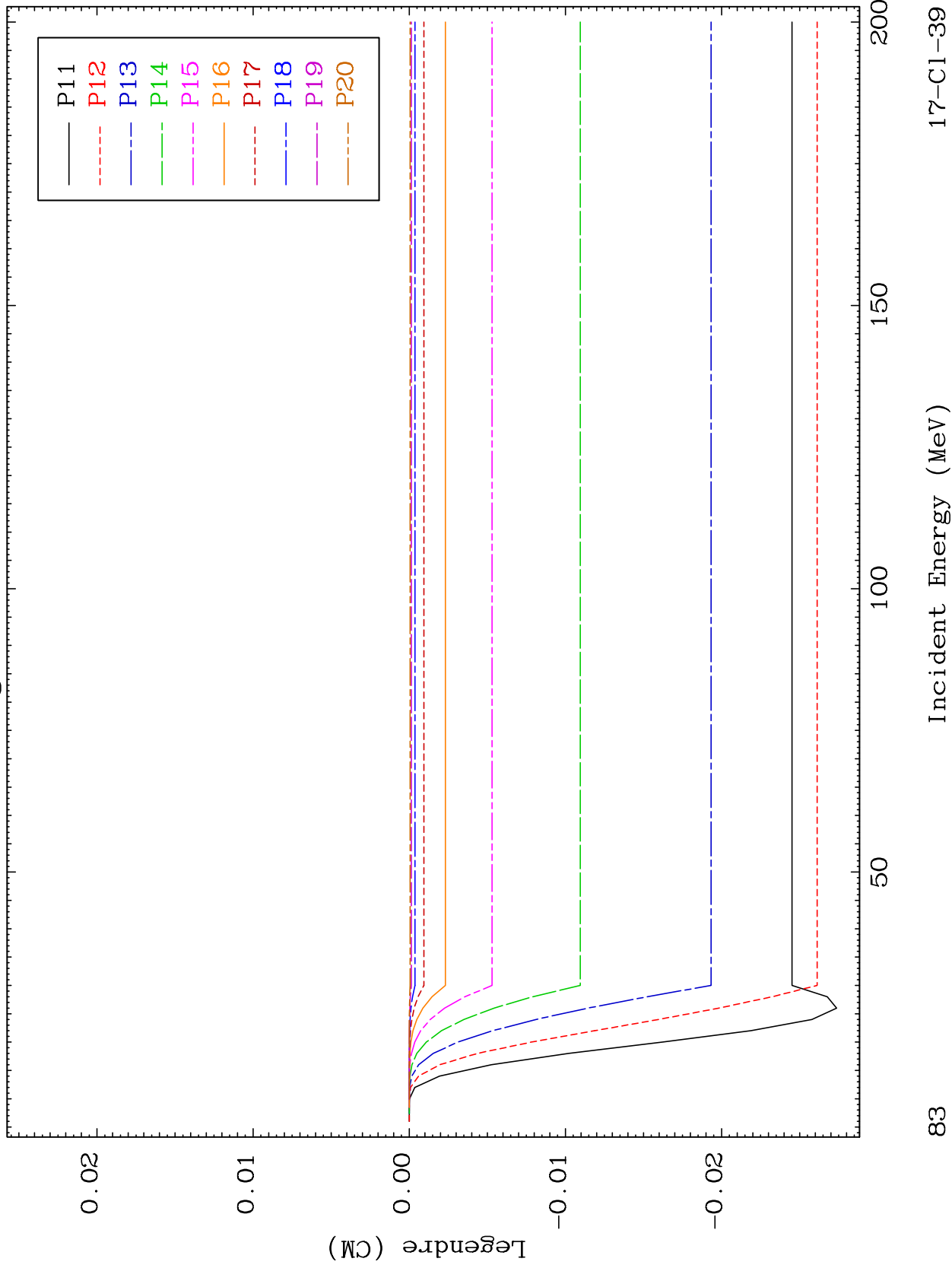
17-Cl-39

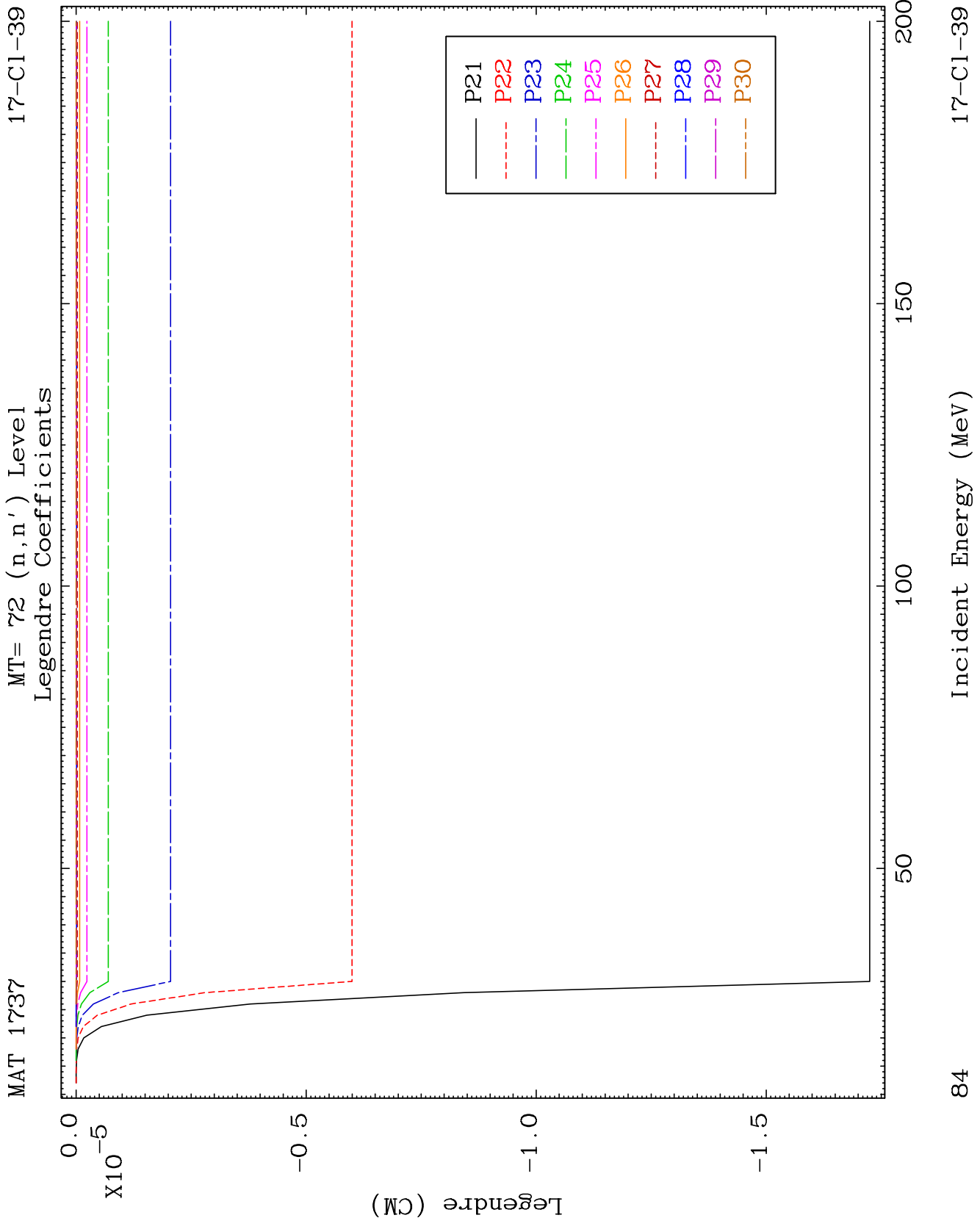
MAT 1737

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

17-Cl-39



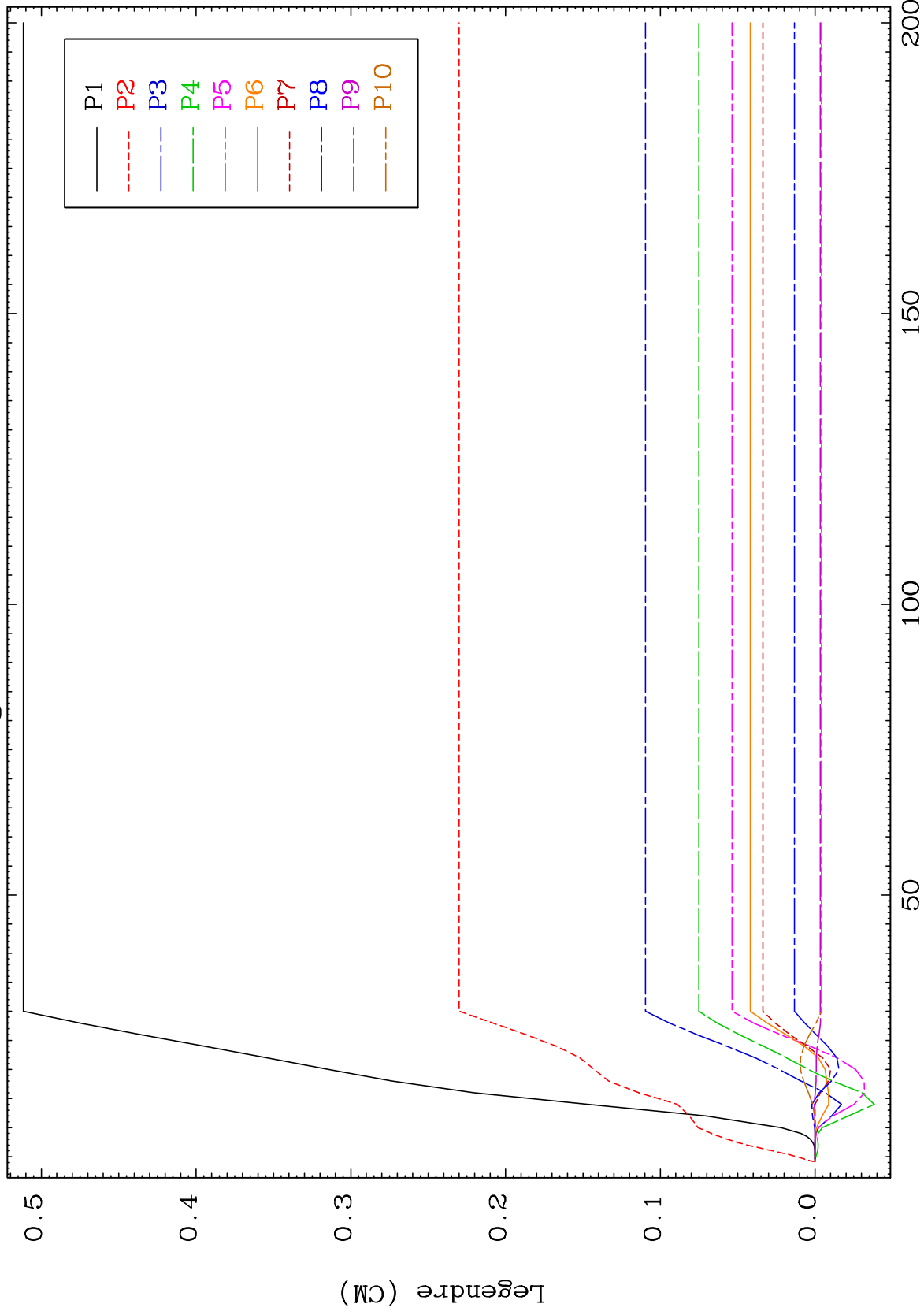




MAT 1737

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

17-Cl-39

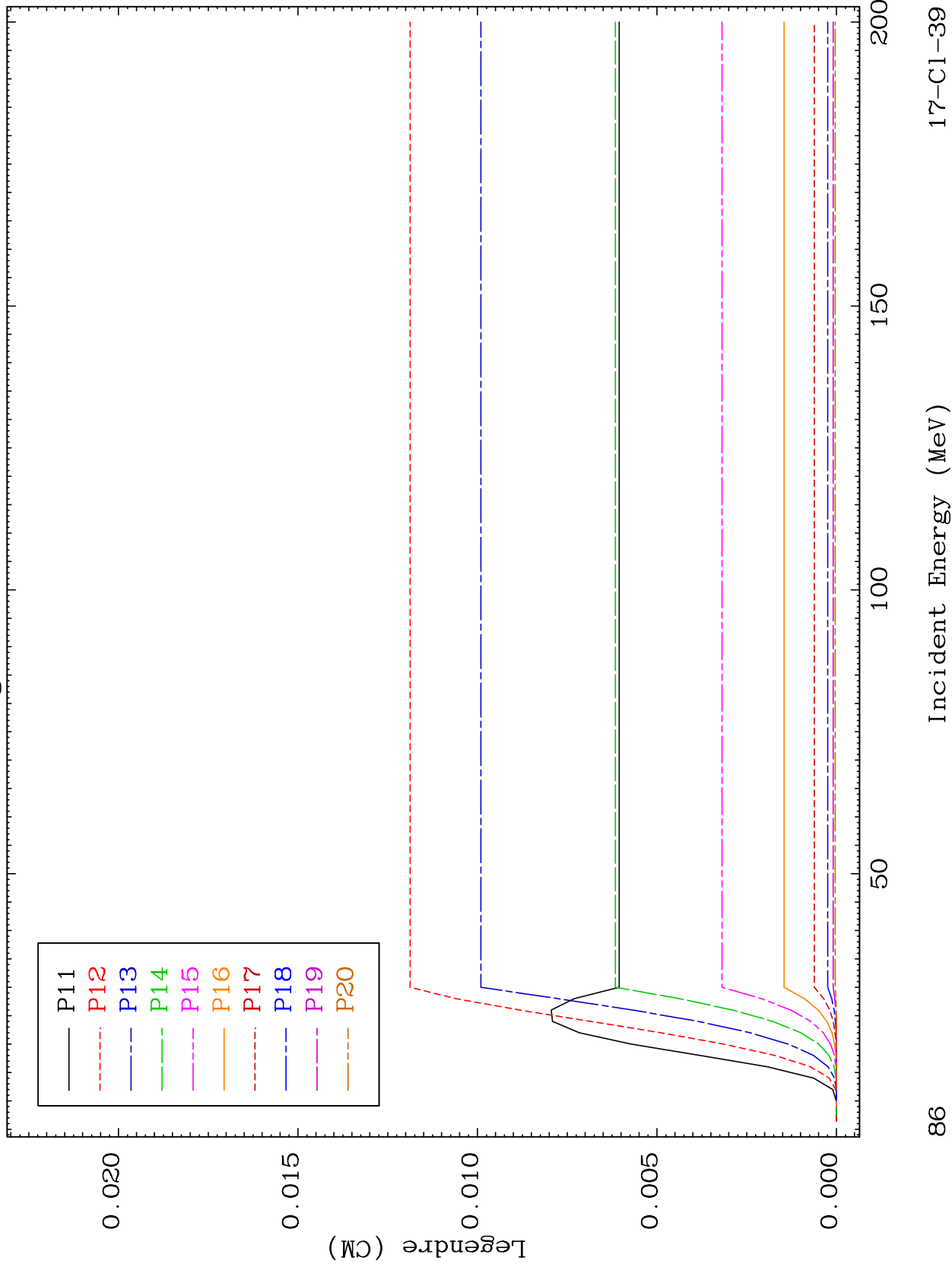


85

Incident Energy (MeV)

17-Cl-39

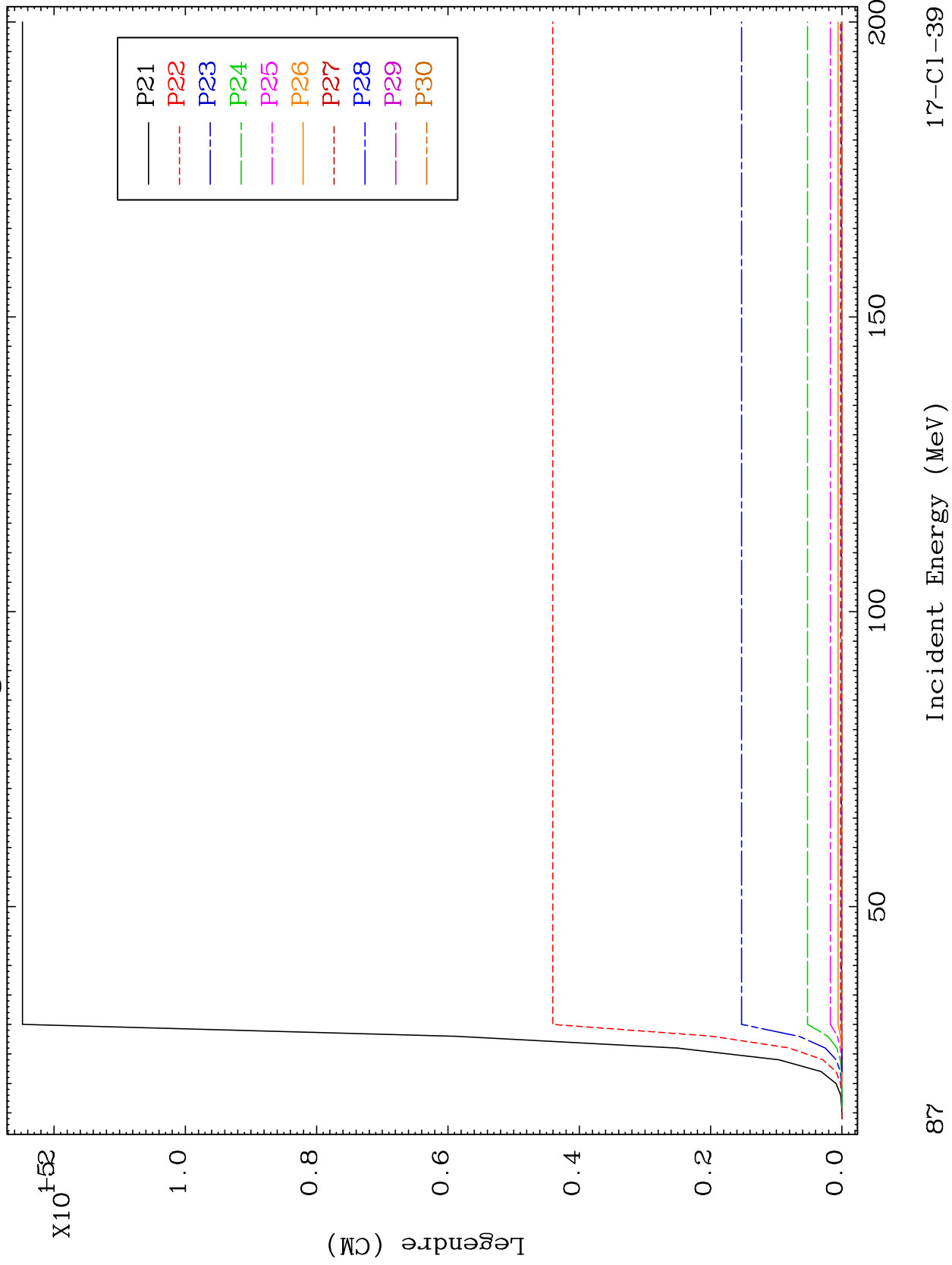
MT= 73 (n,n') Level
Legendre Coefficients



MAT 1737

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

17-Cl-39



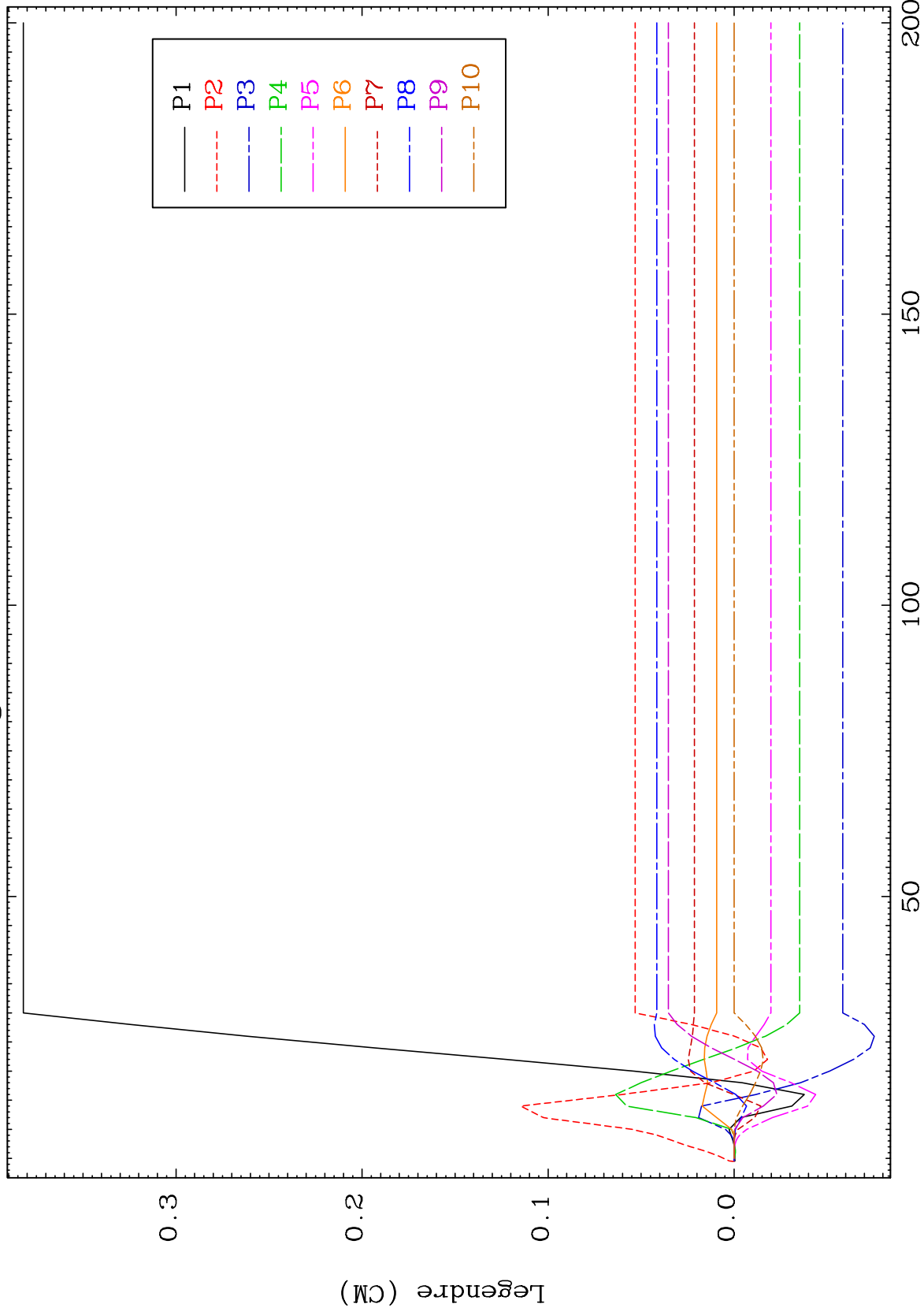
87

17-Cl-39

MAT 1737

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

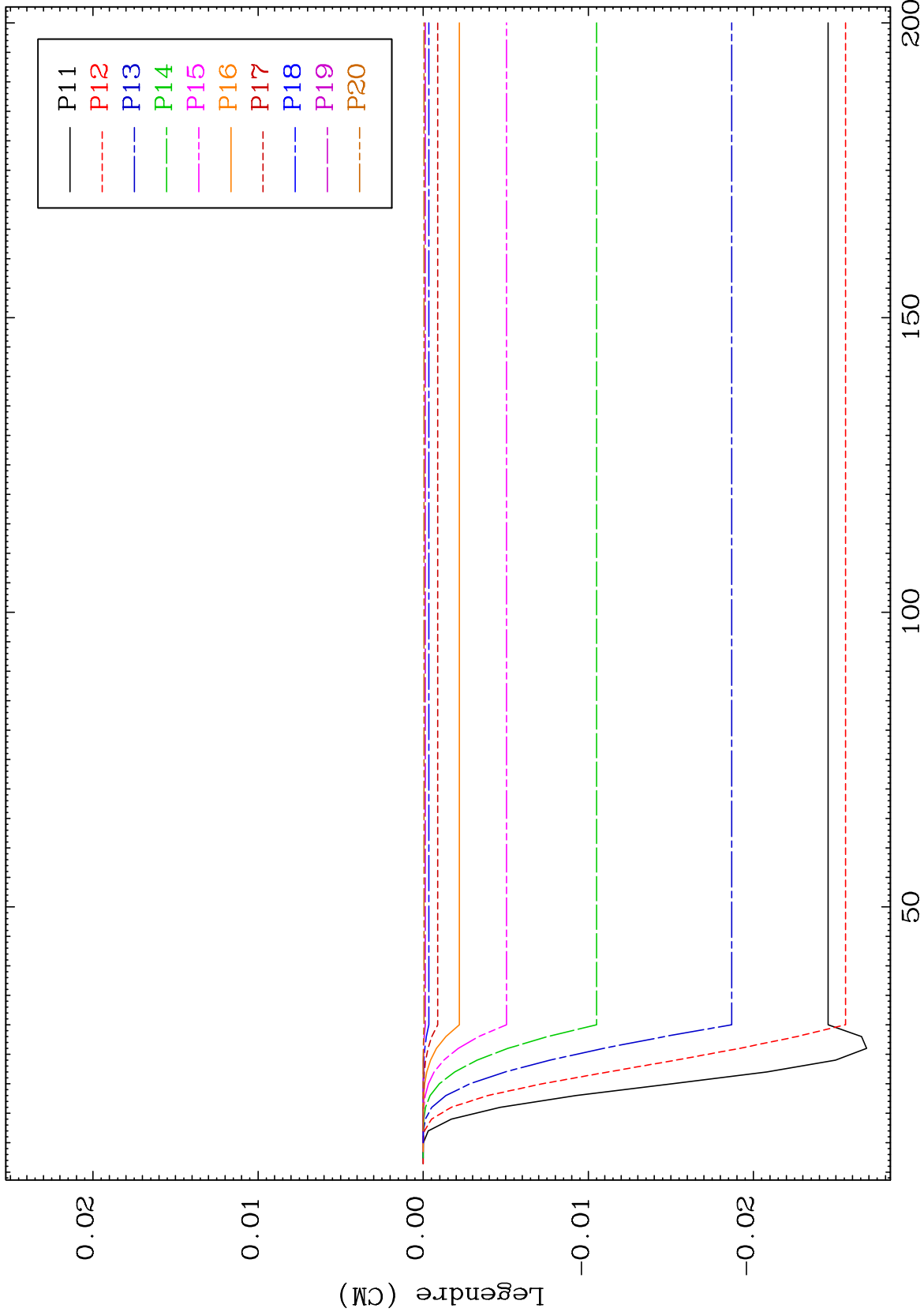
17-Cl-39

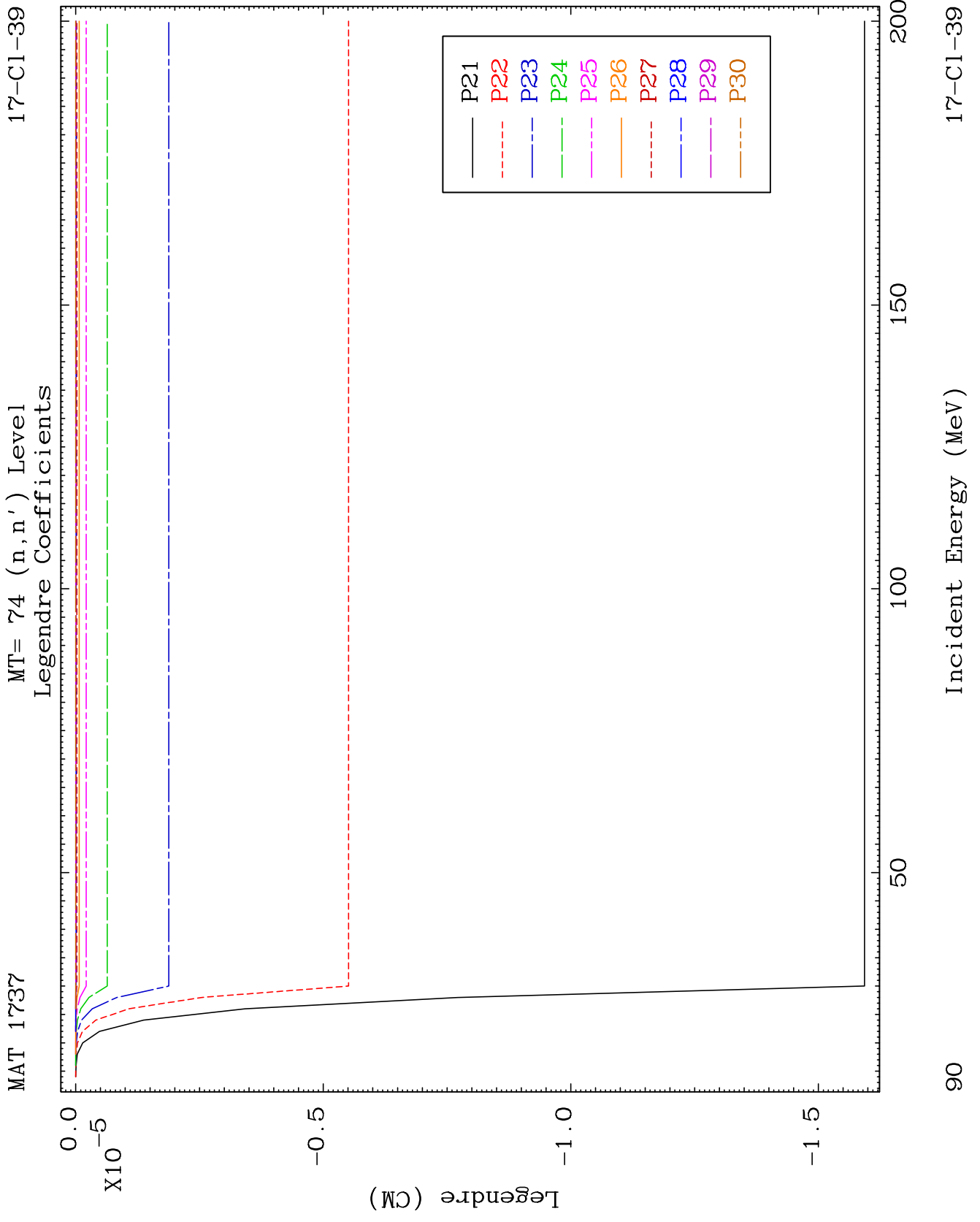


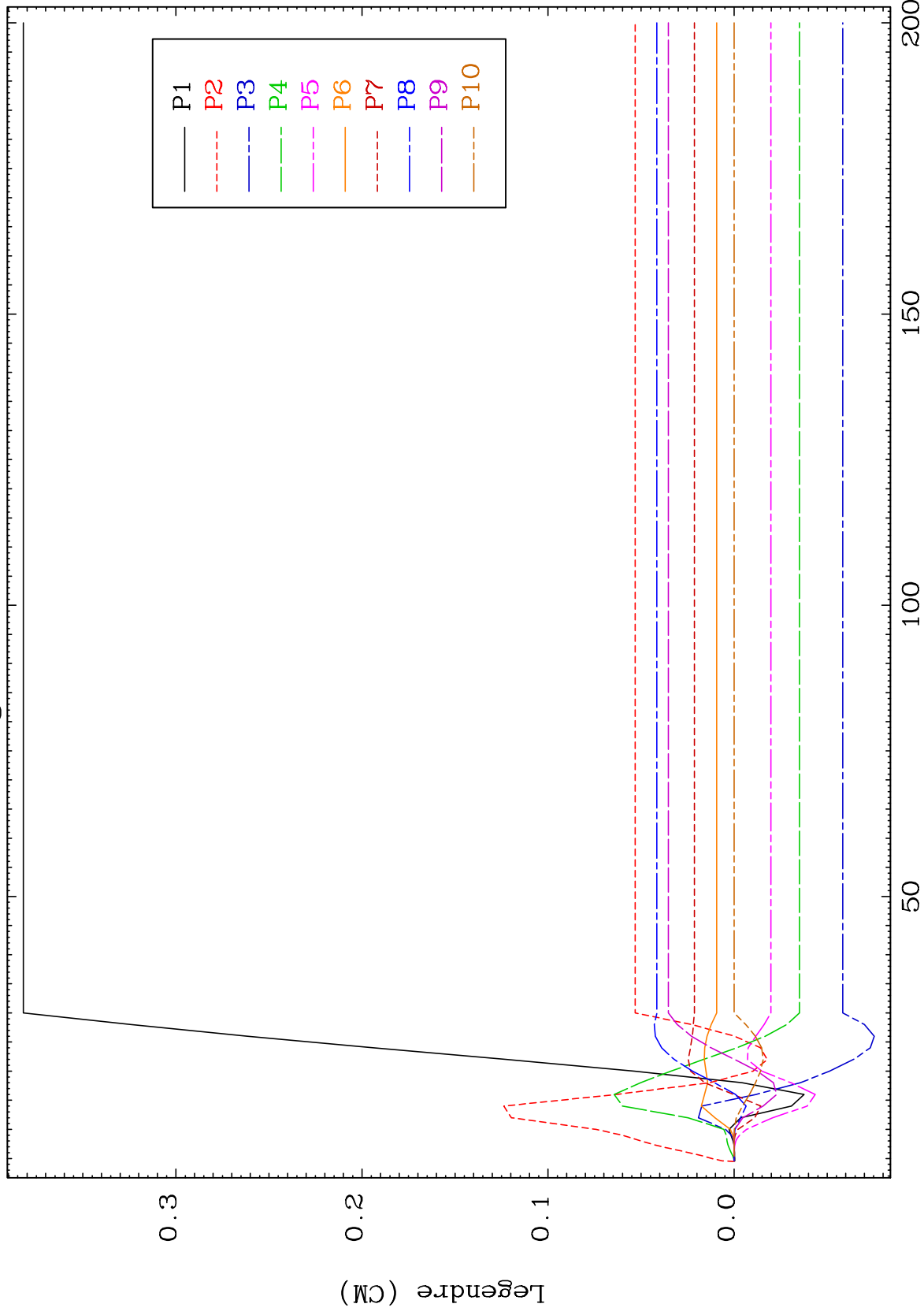
88

Incident Energy (MeV)

17-Cl-39



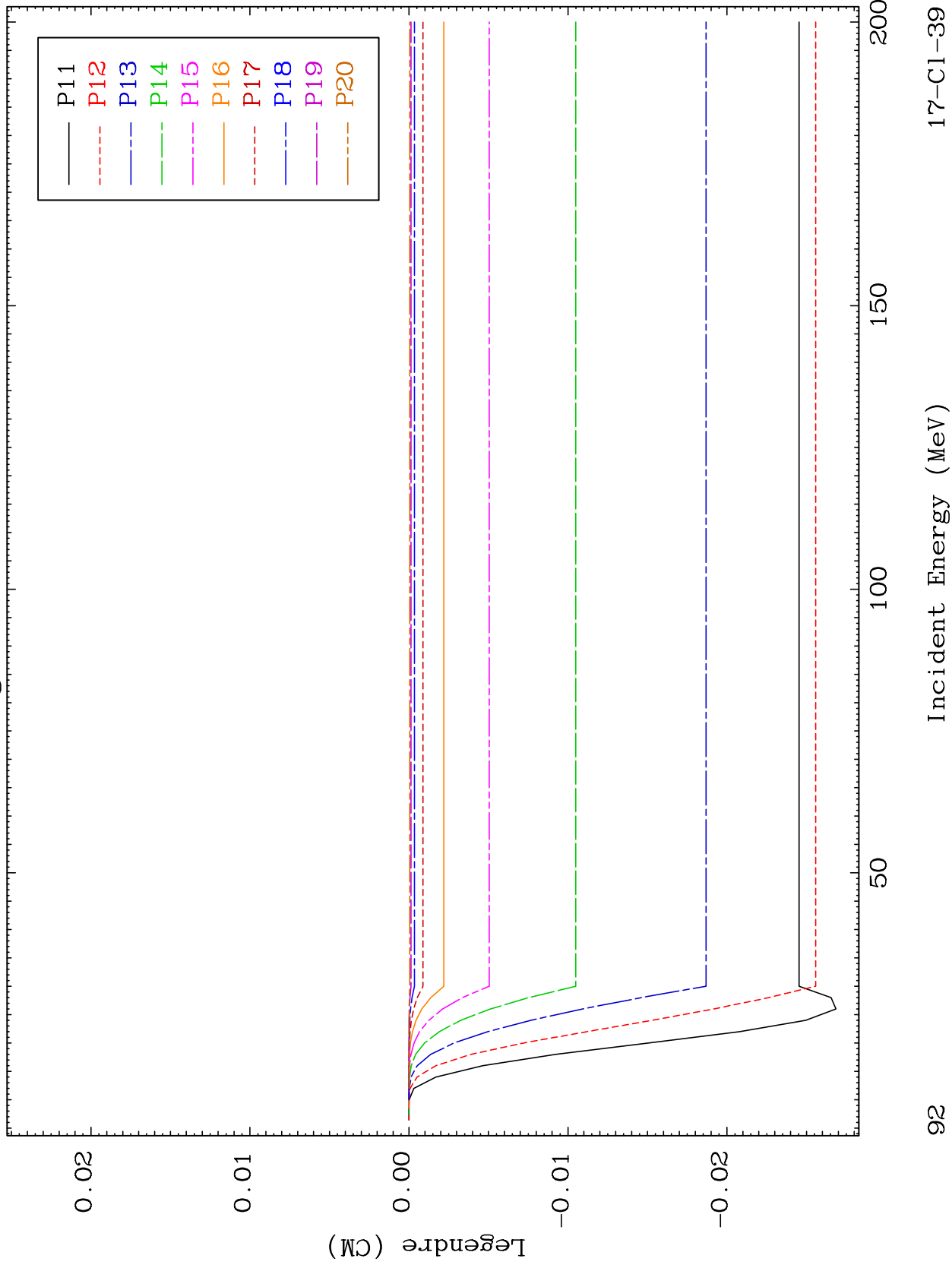




MAT 1737

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

17-Cl-39



92

Incident Energy (MeV)

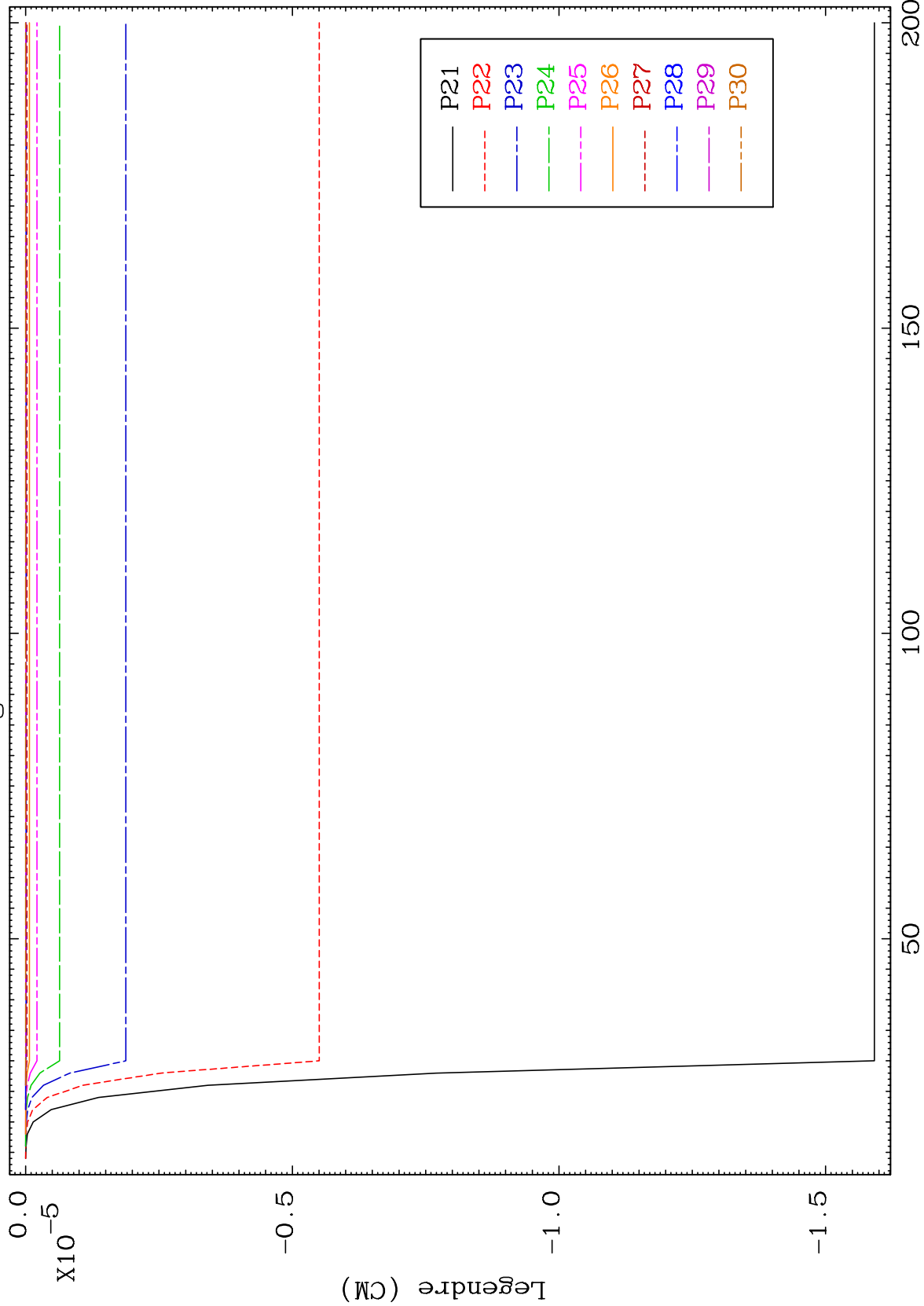
17-Cl-39

MAT 1737

MT= 75 (n,n') Level

17-Cl-39

Legendre Coefficients



93

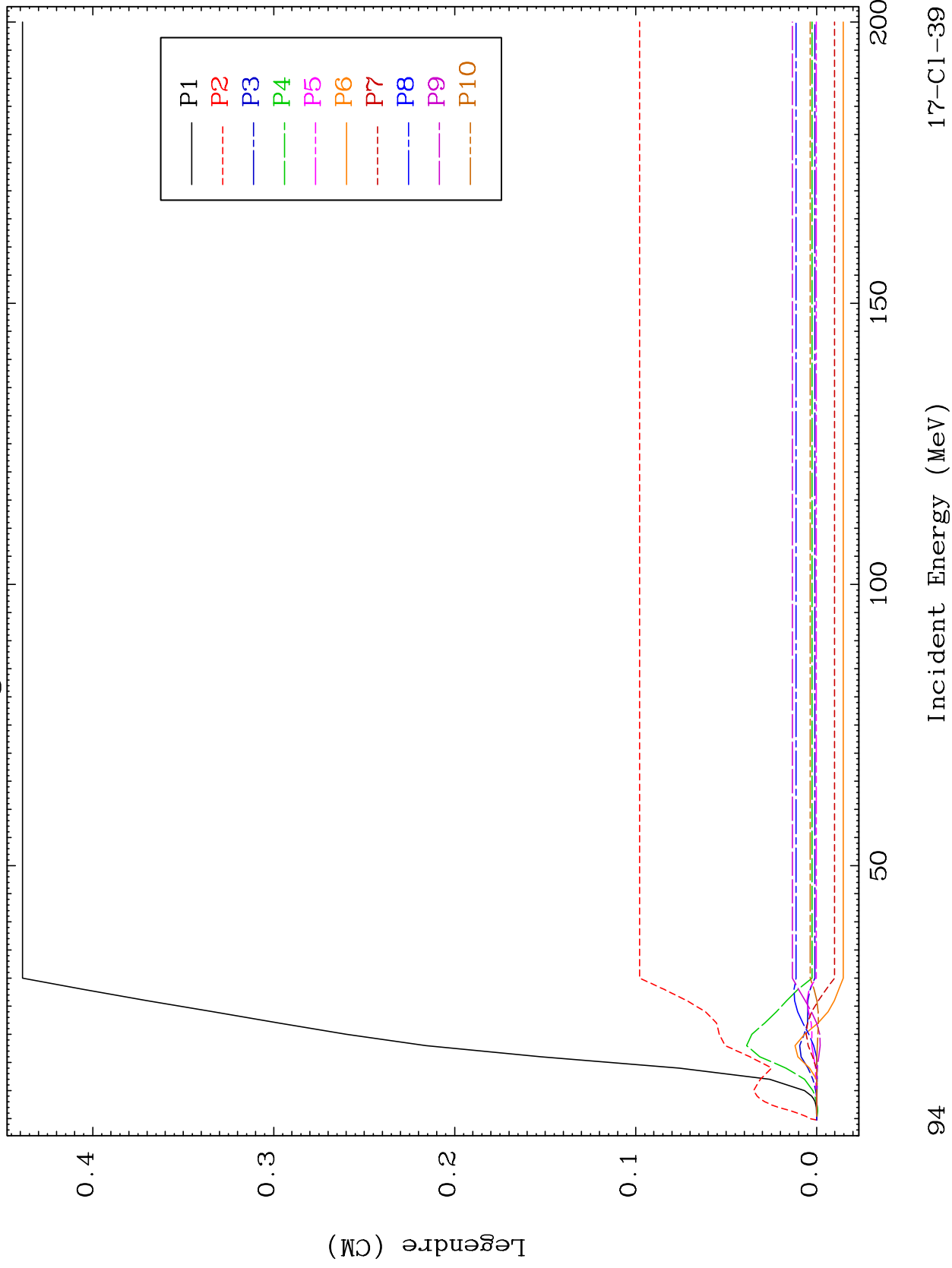
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



94

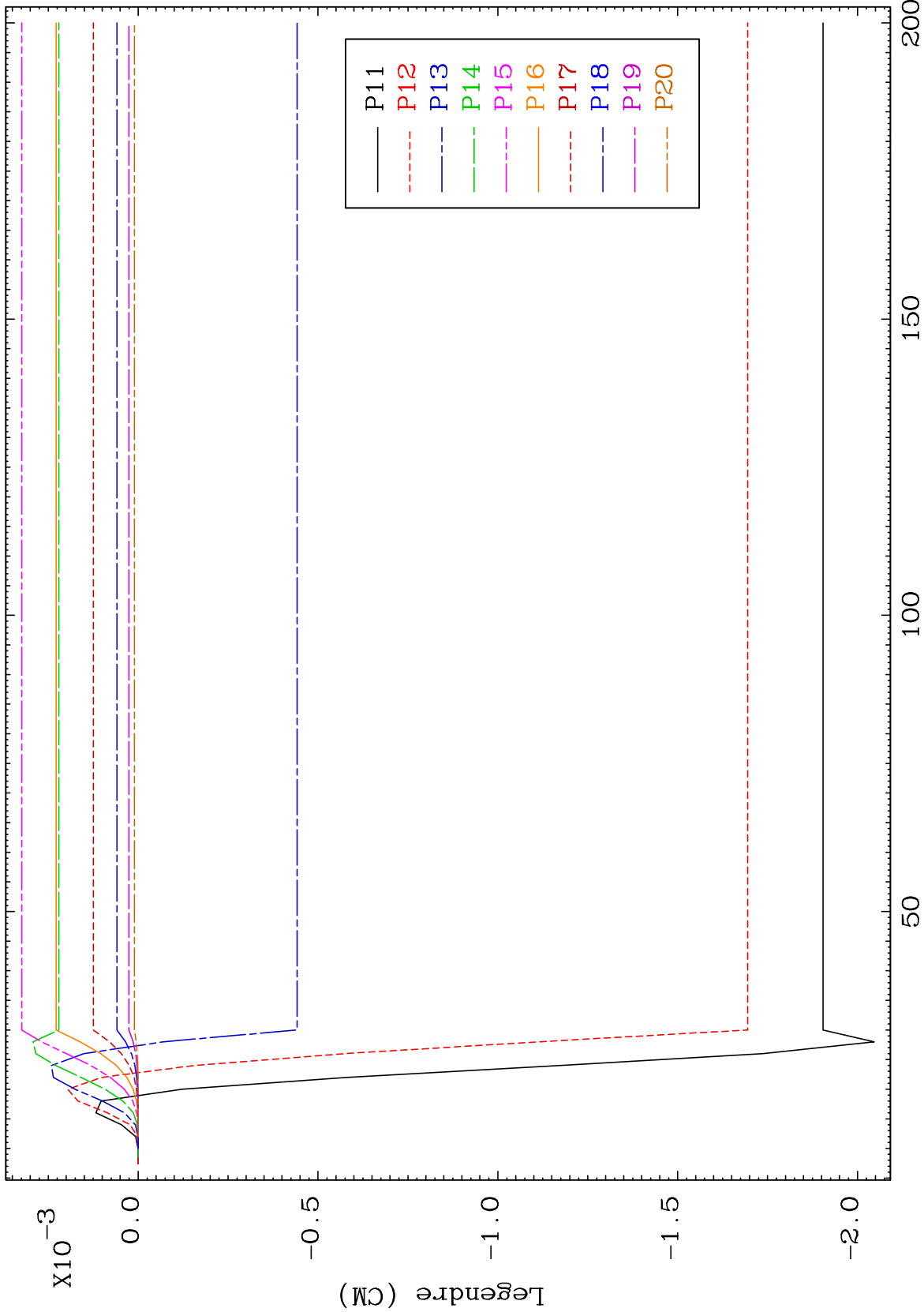
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



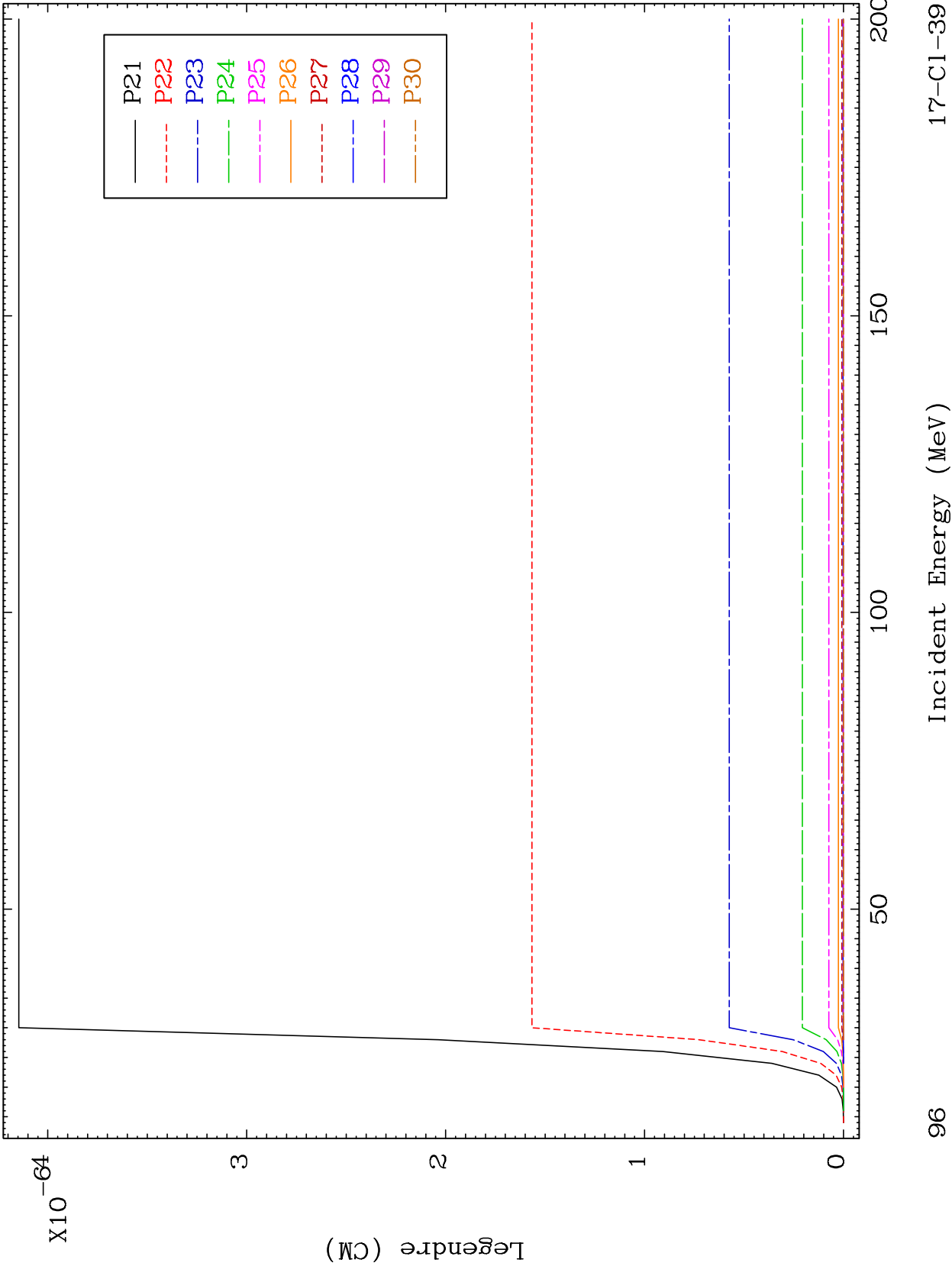
95

17-Cl-39

MAT 1737

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

17-Cl-39

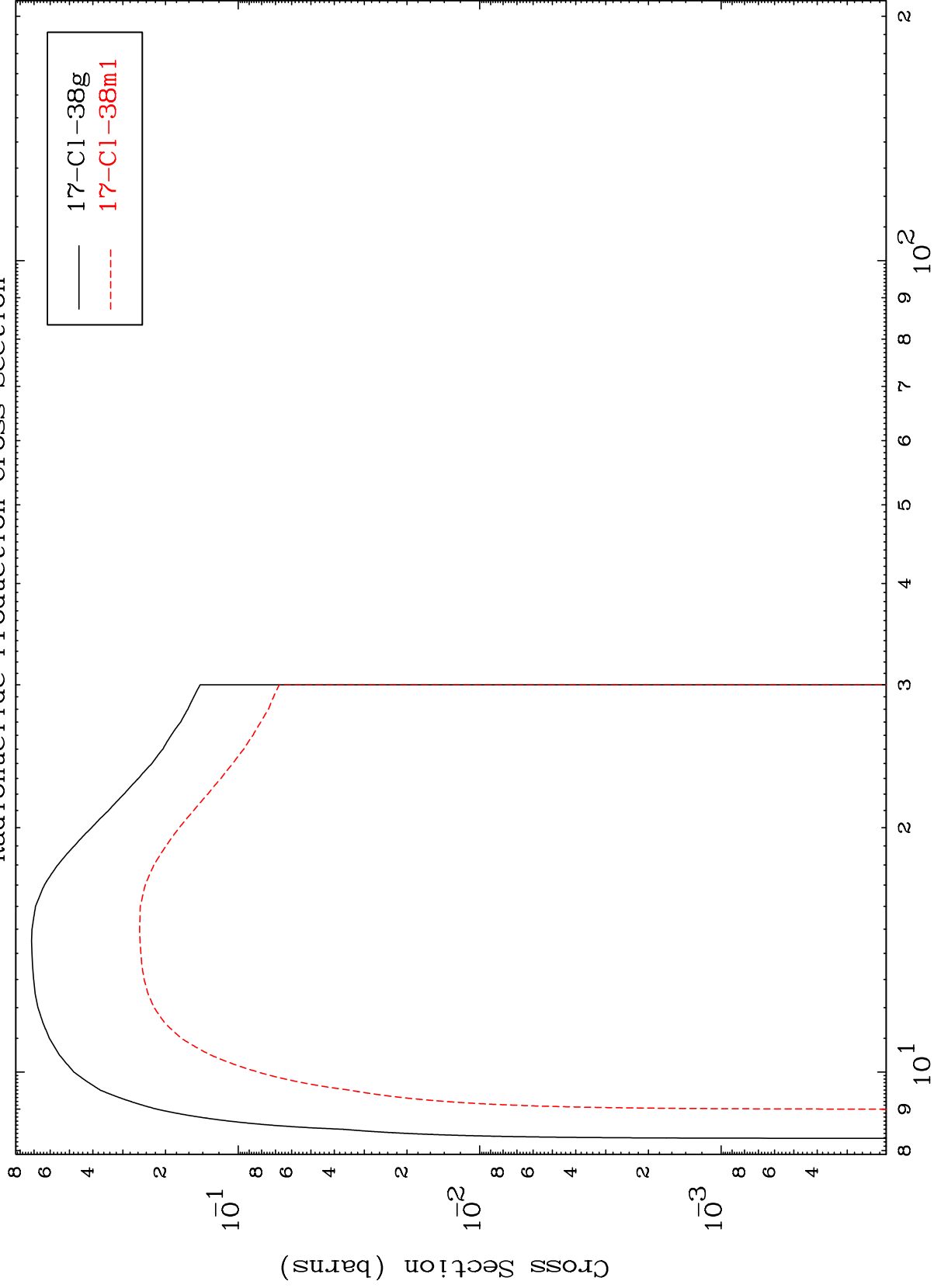


MAT 1737

(n,2n)

17-Cl-39

Radionuclide Production Cross Section



97

Incident Energy (MeV)

17-Cl-39