

Program EVALPLOT  
(Version 2021-1)

by

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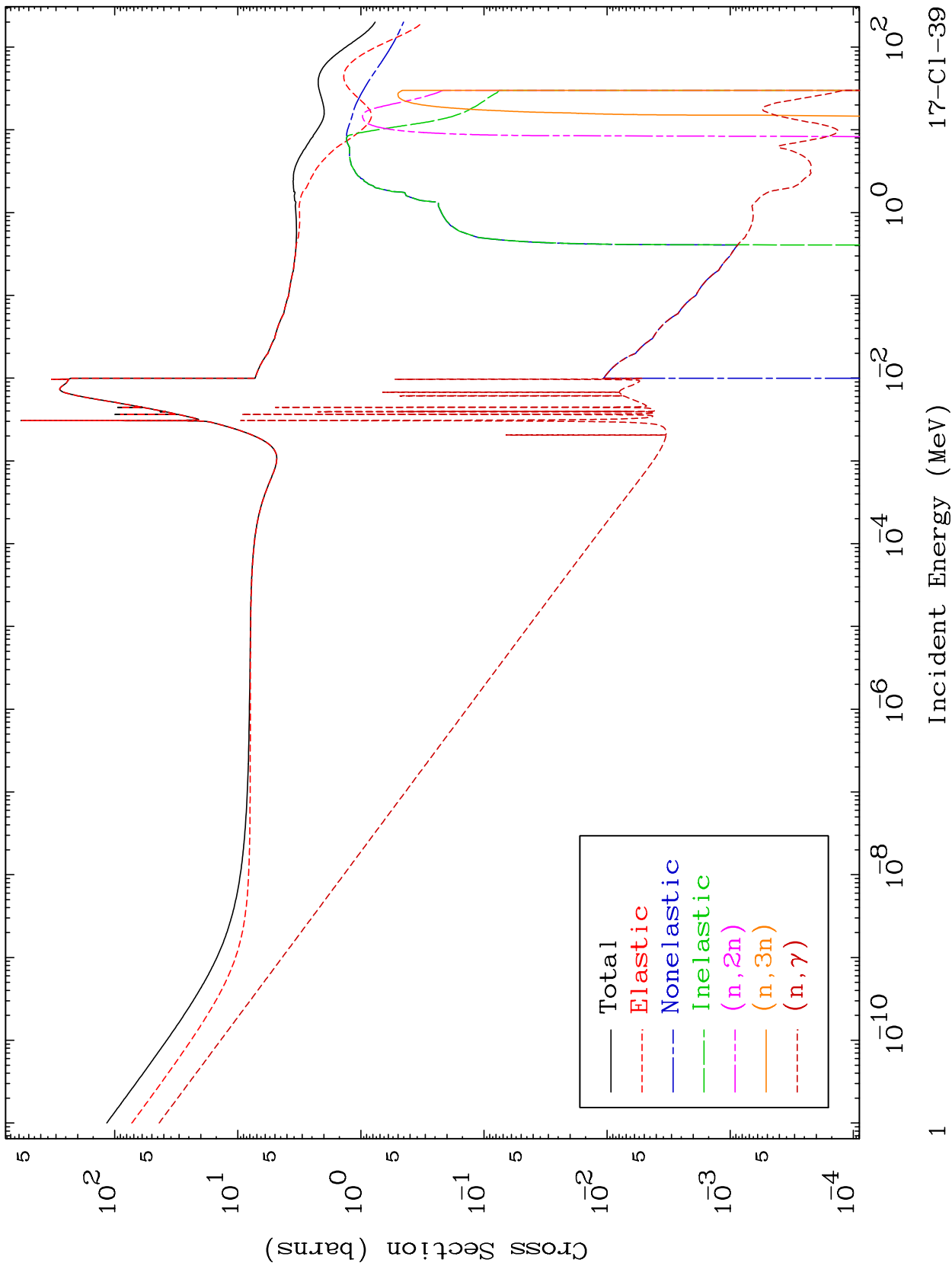
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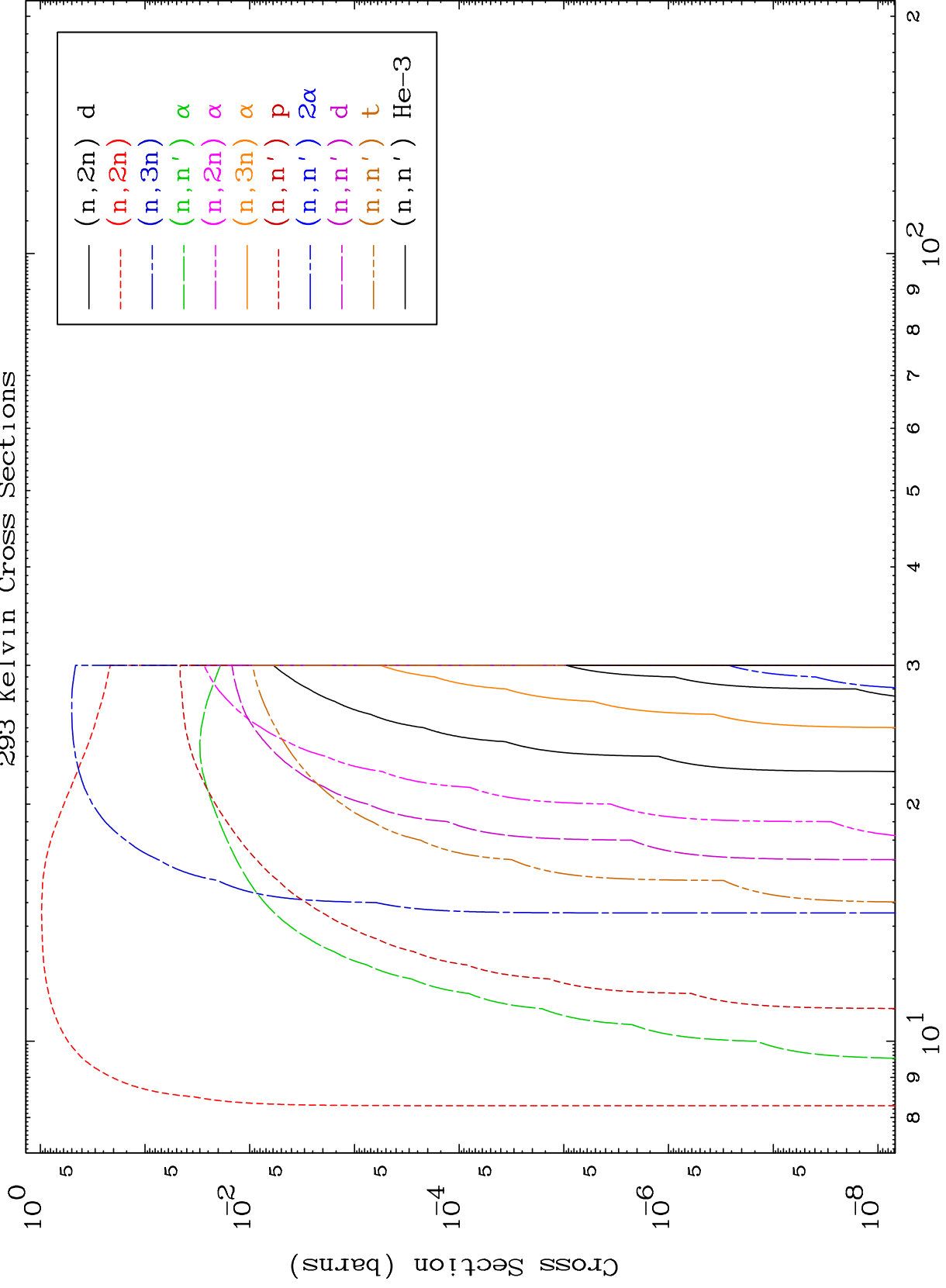
Press Mouse Button to Start

MAT 1737

Neutron Major  
293 Kelvin Cross Sections

17-Cl-39

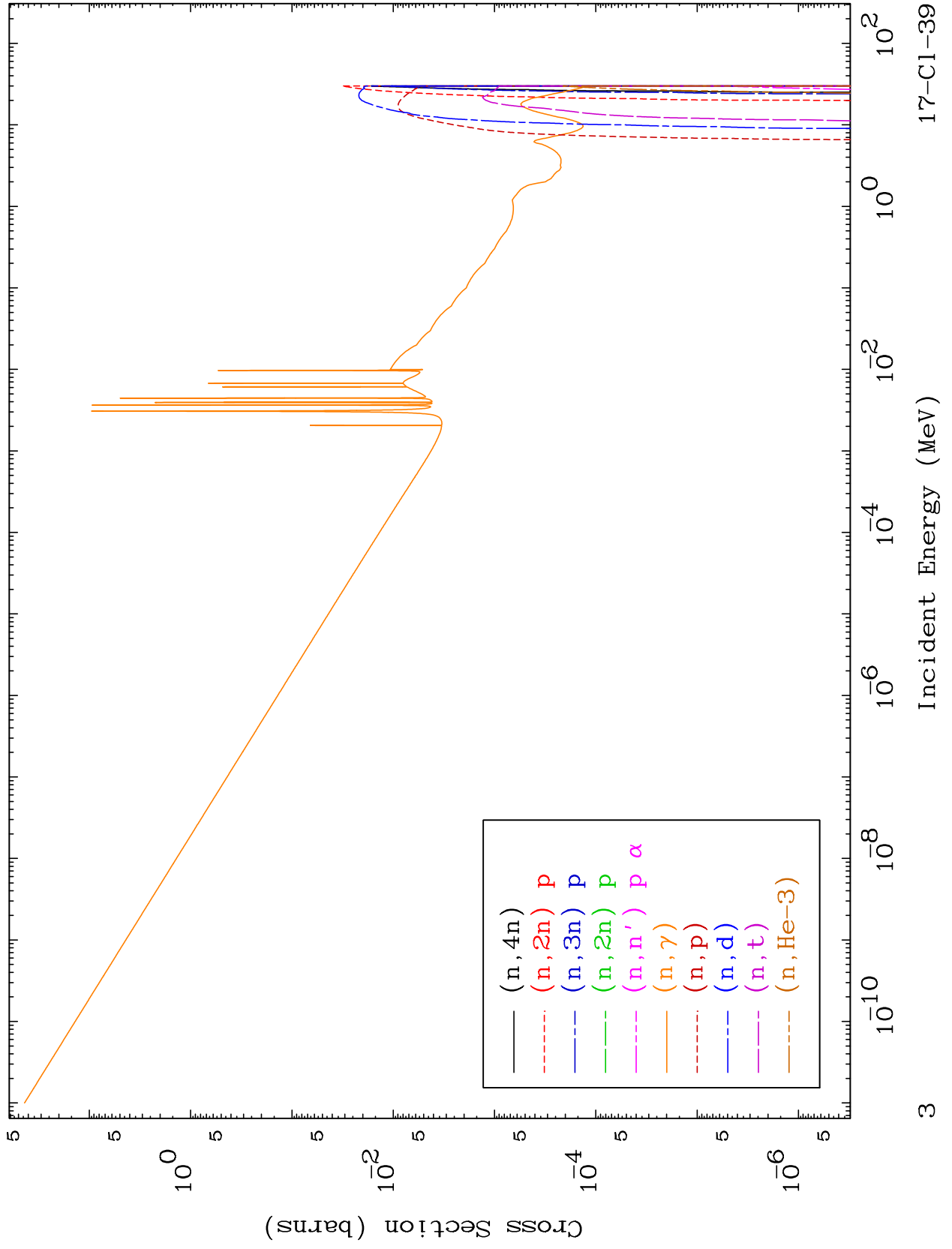


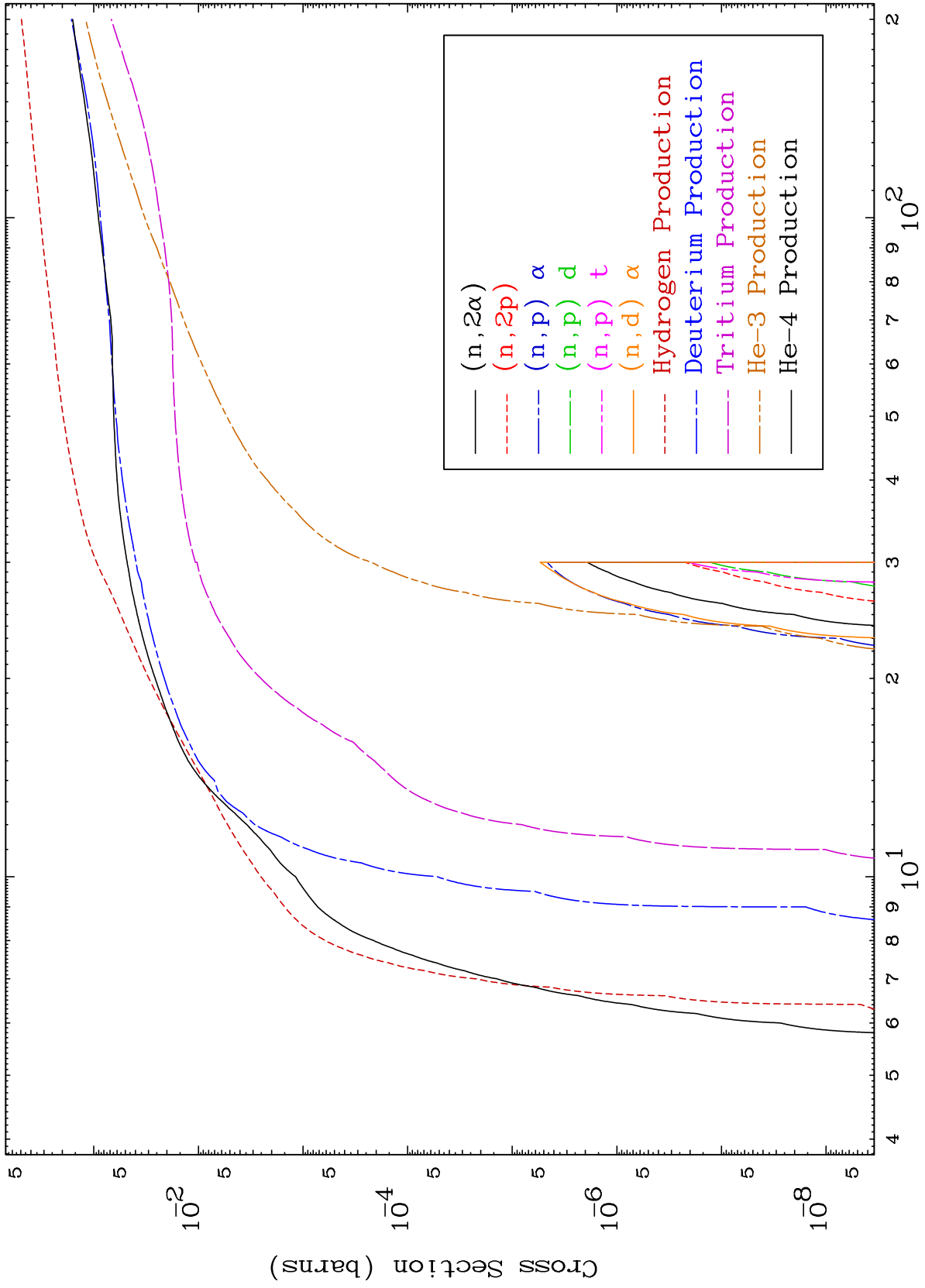


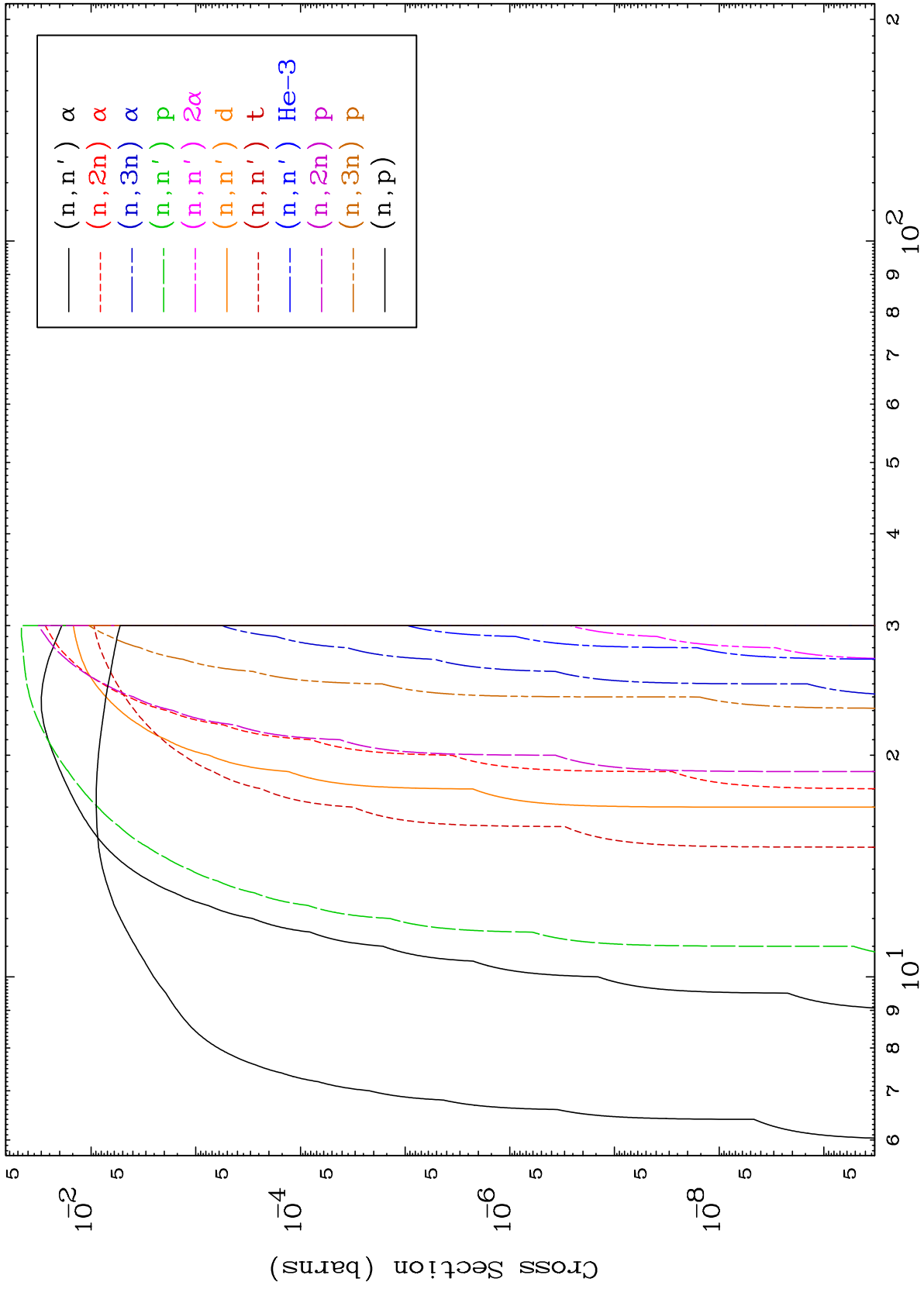
MAT 1737

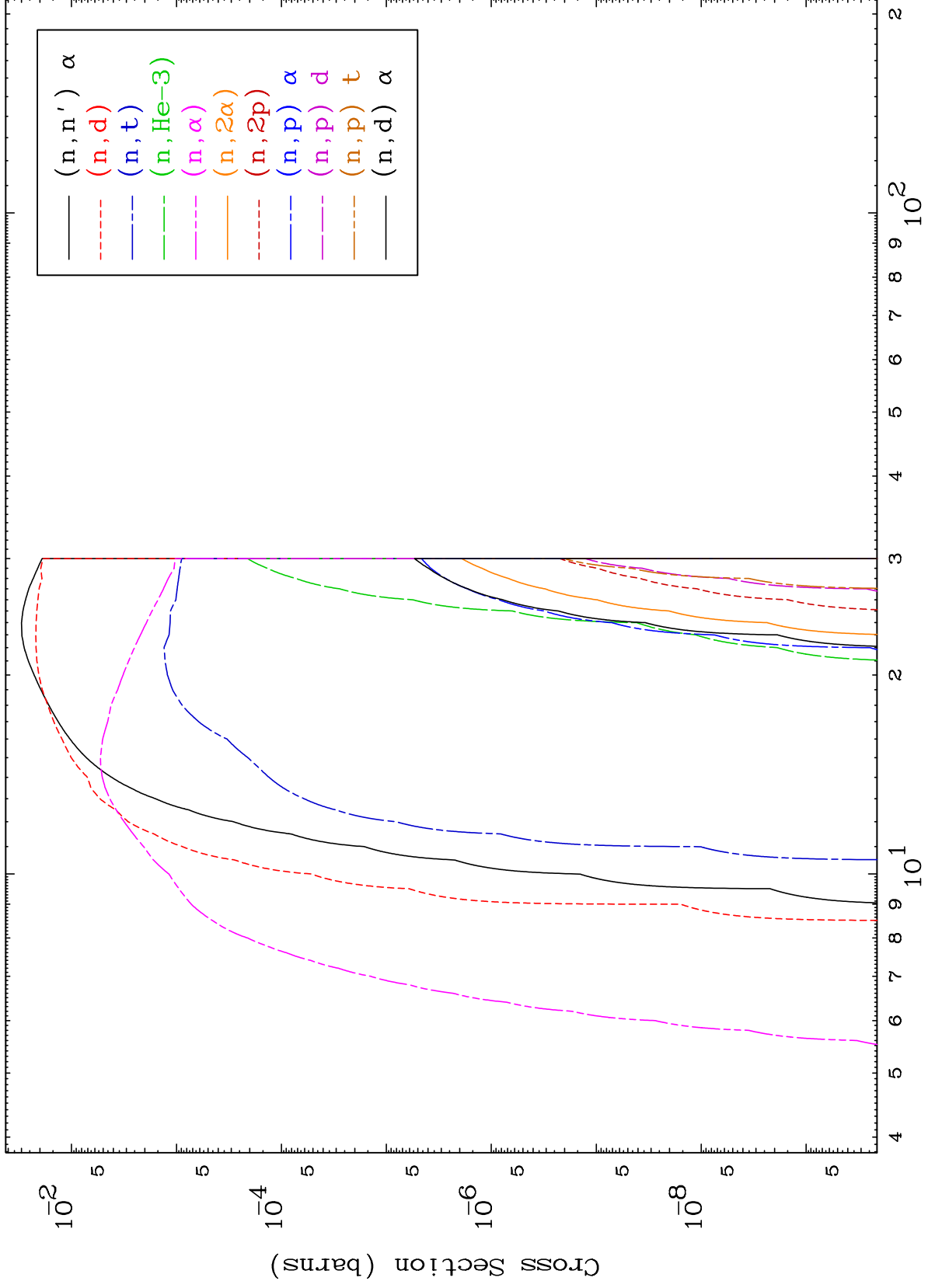
Neutron Absorption  
293 Kelvin Cross Sections

17-Cl-39

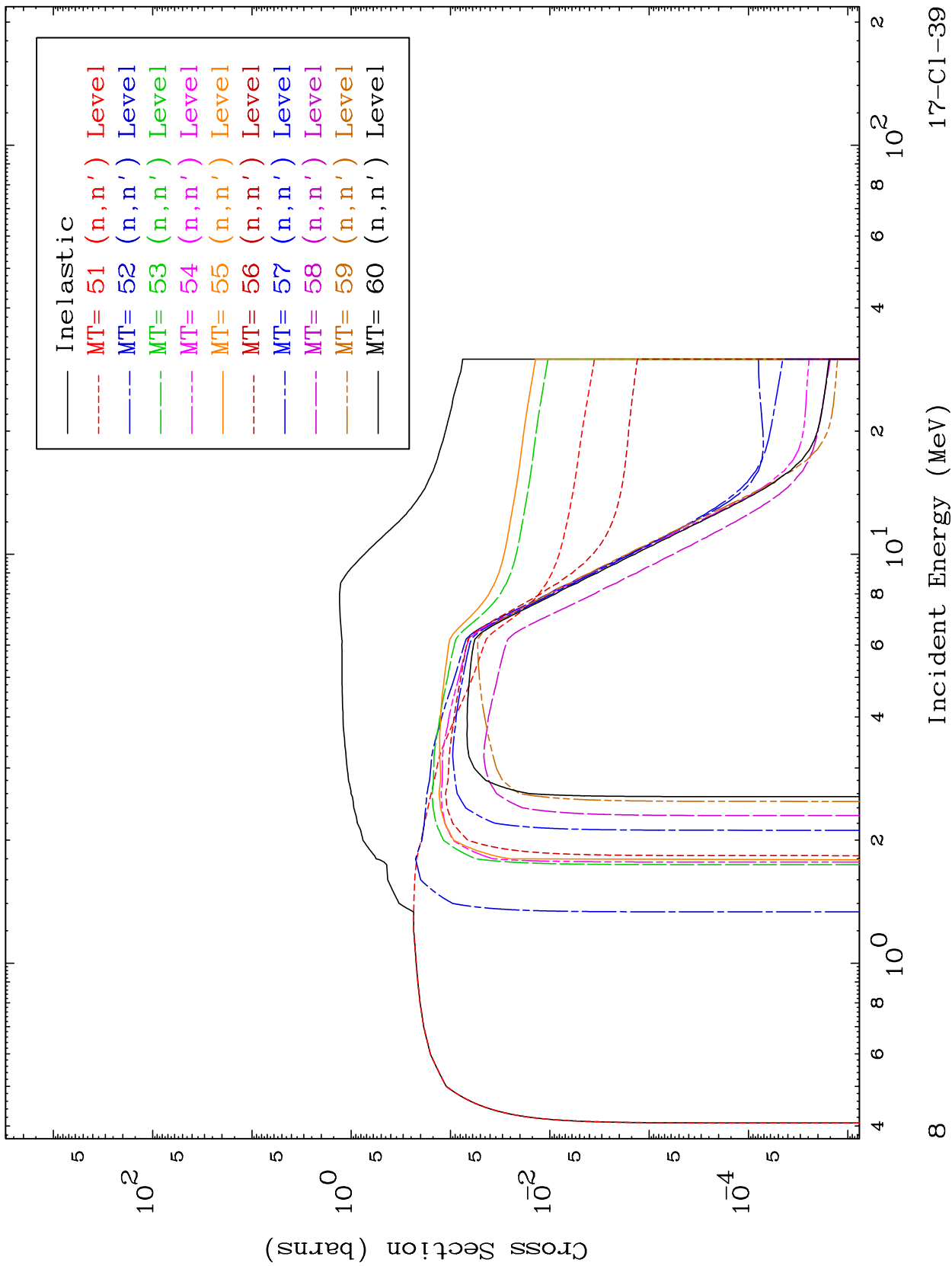




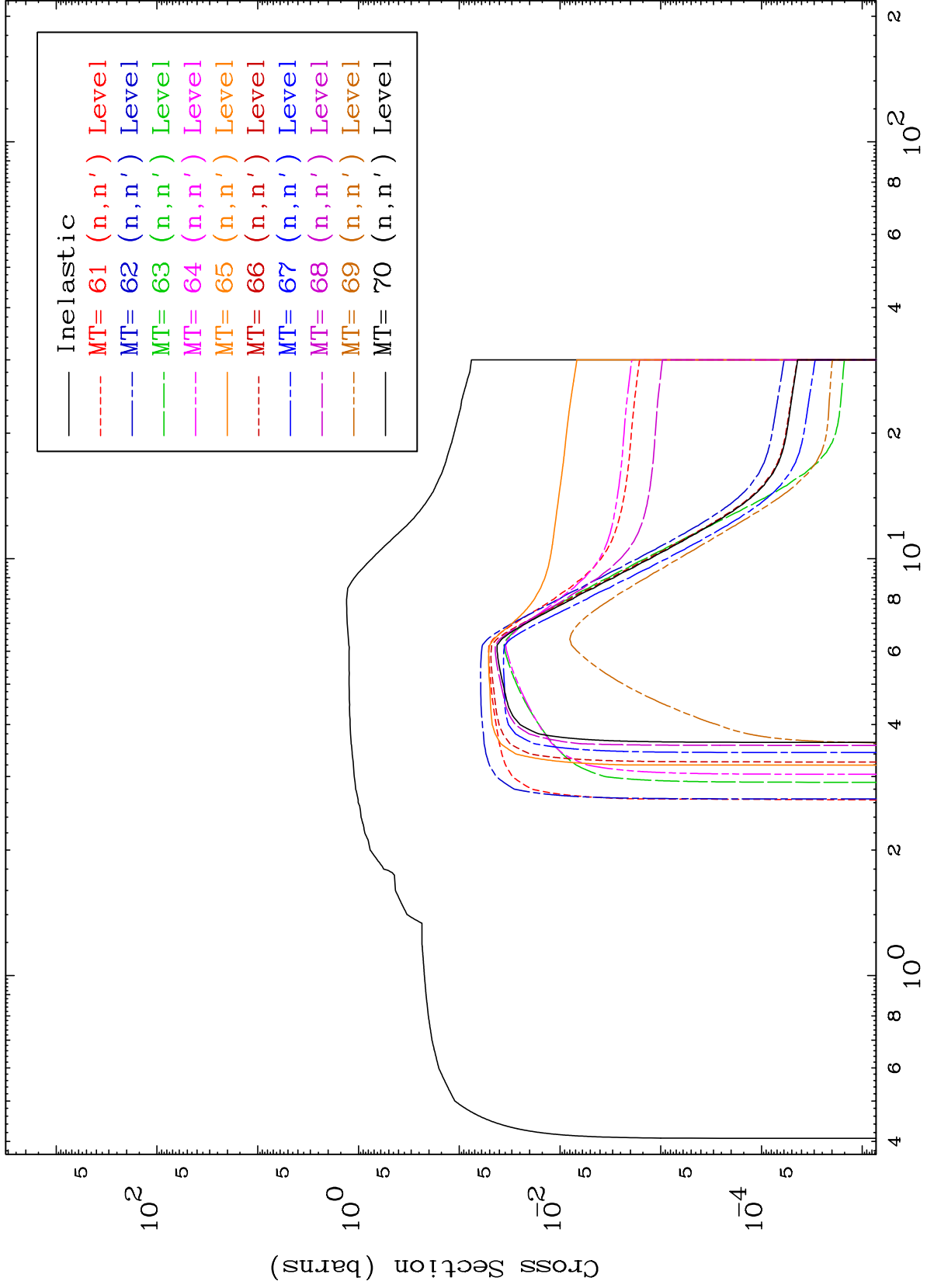








293 Kelvin Cross Sections

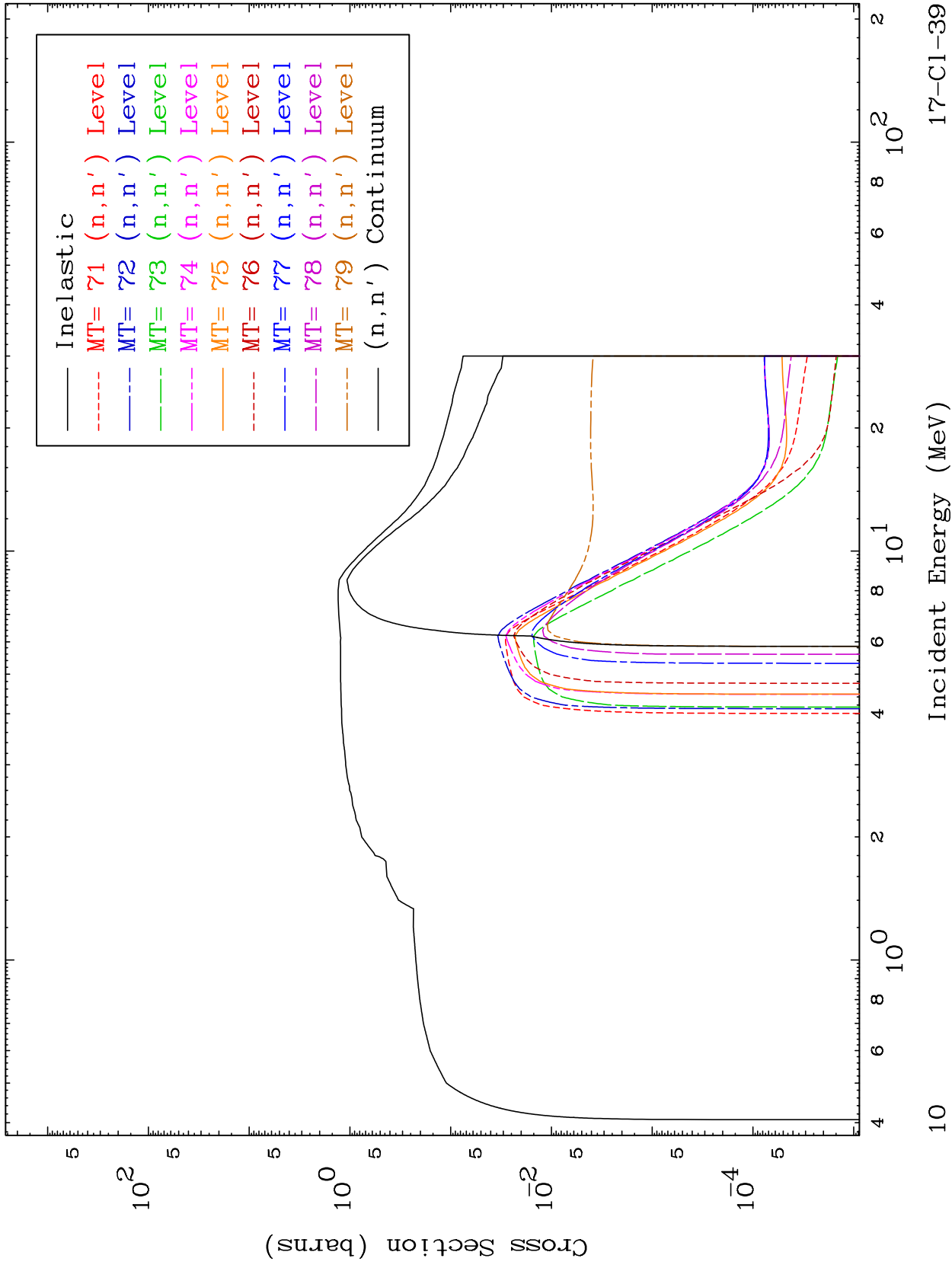


MAT 1737

(n,n') Levels

293 Kelvin Cross Sections

17-Cl-39



10

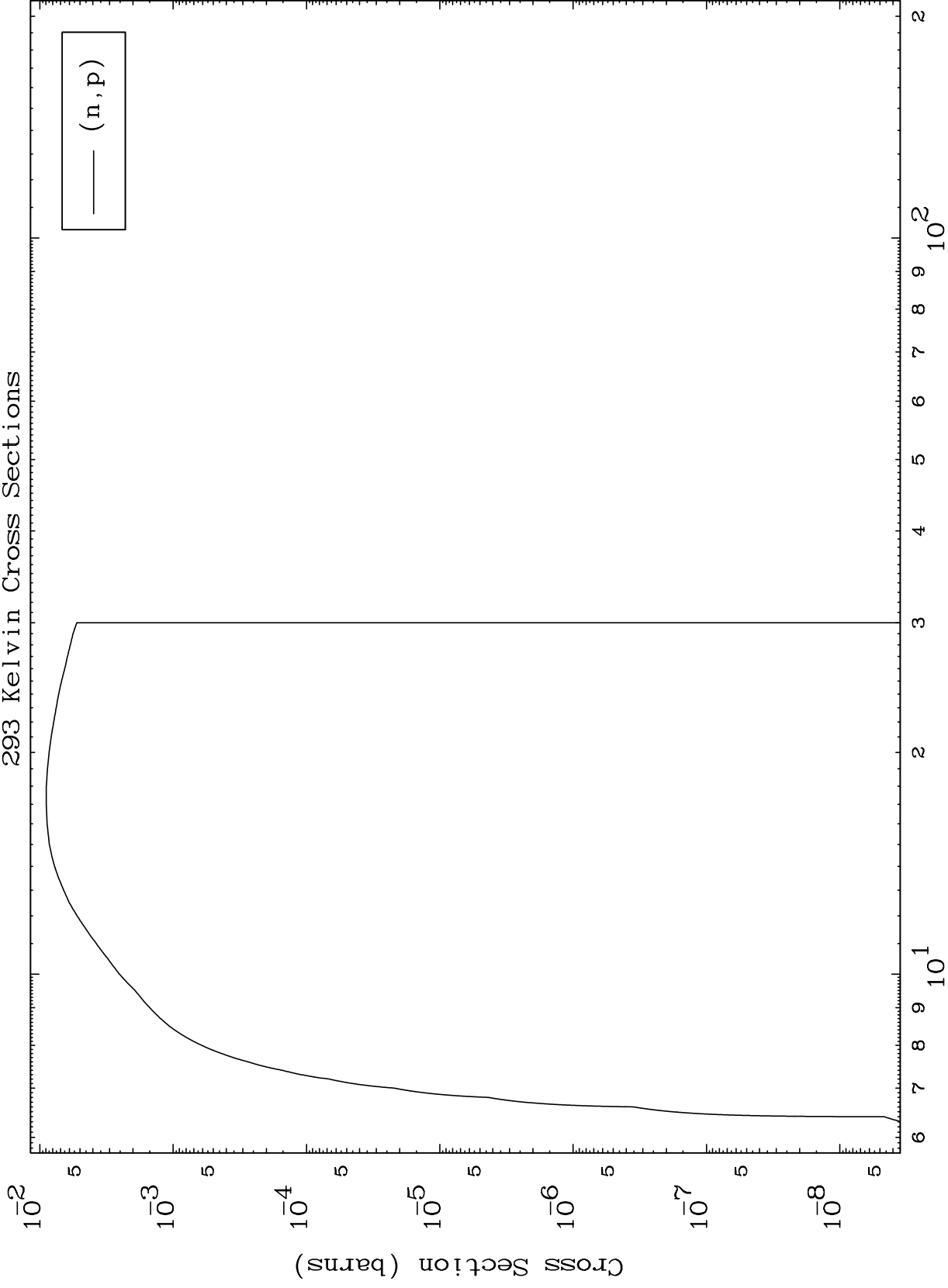
Incident Energy (MeV)

17-Cl-39

MAT 1737

(n,p) Levels  
293 Kelvin Cross Sections

17-Cl-39



11

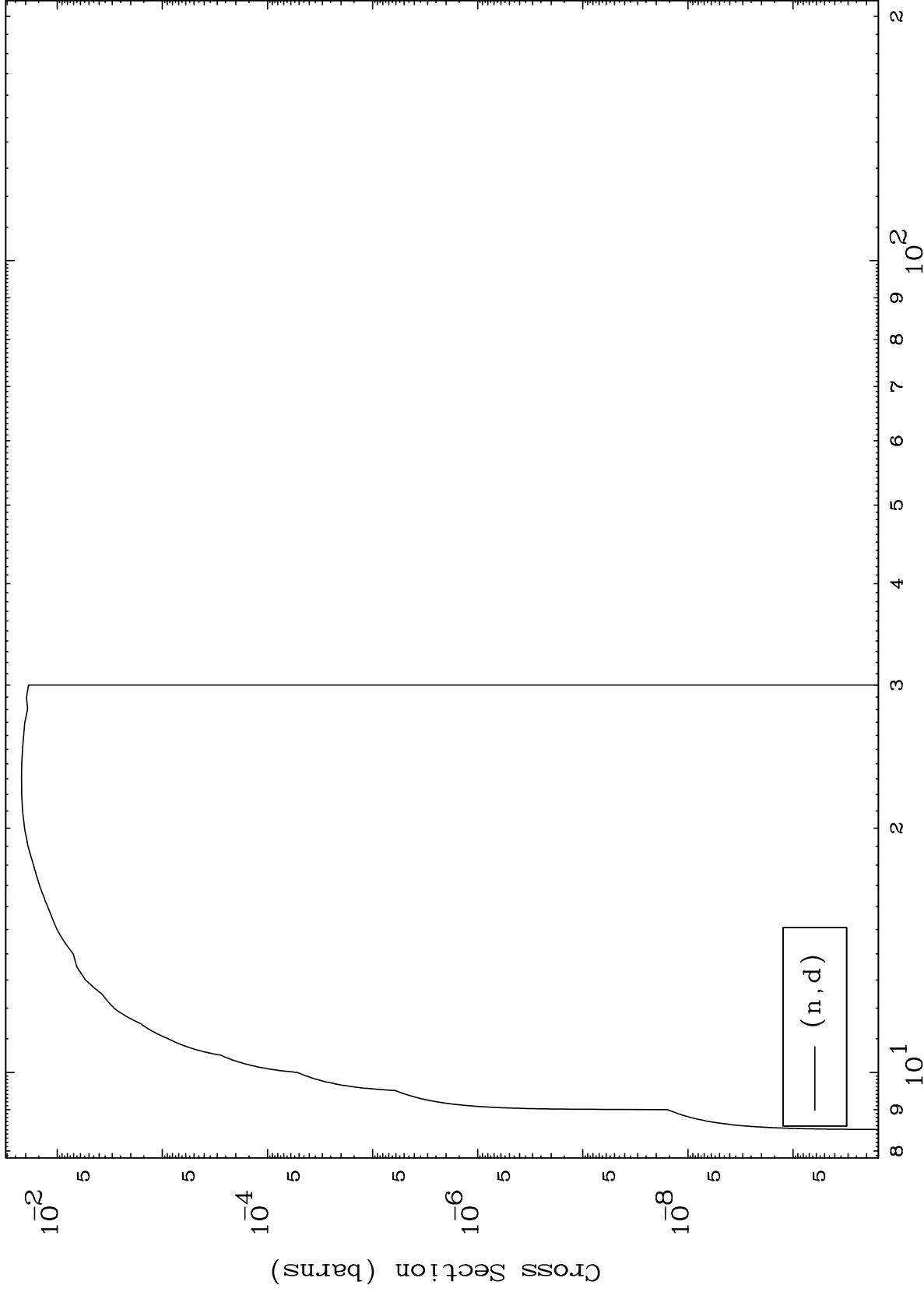
Incident Energy (MeV)

17-Cl-39

MAT 1737

(n,d) Levels  
293 Kelvin Cross Sections

17-Cl-39



12

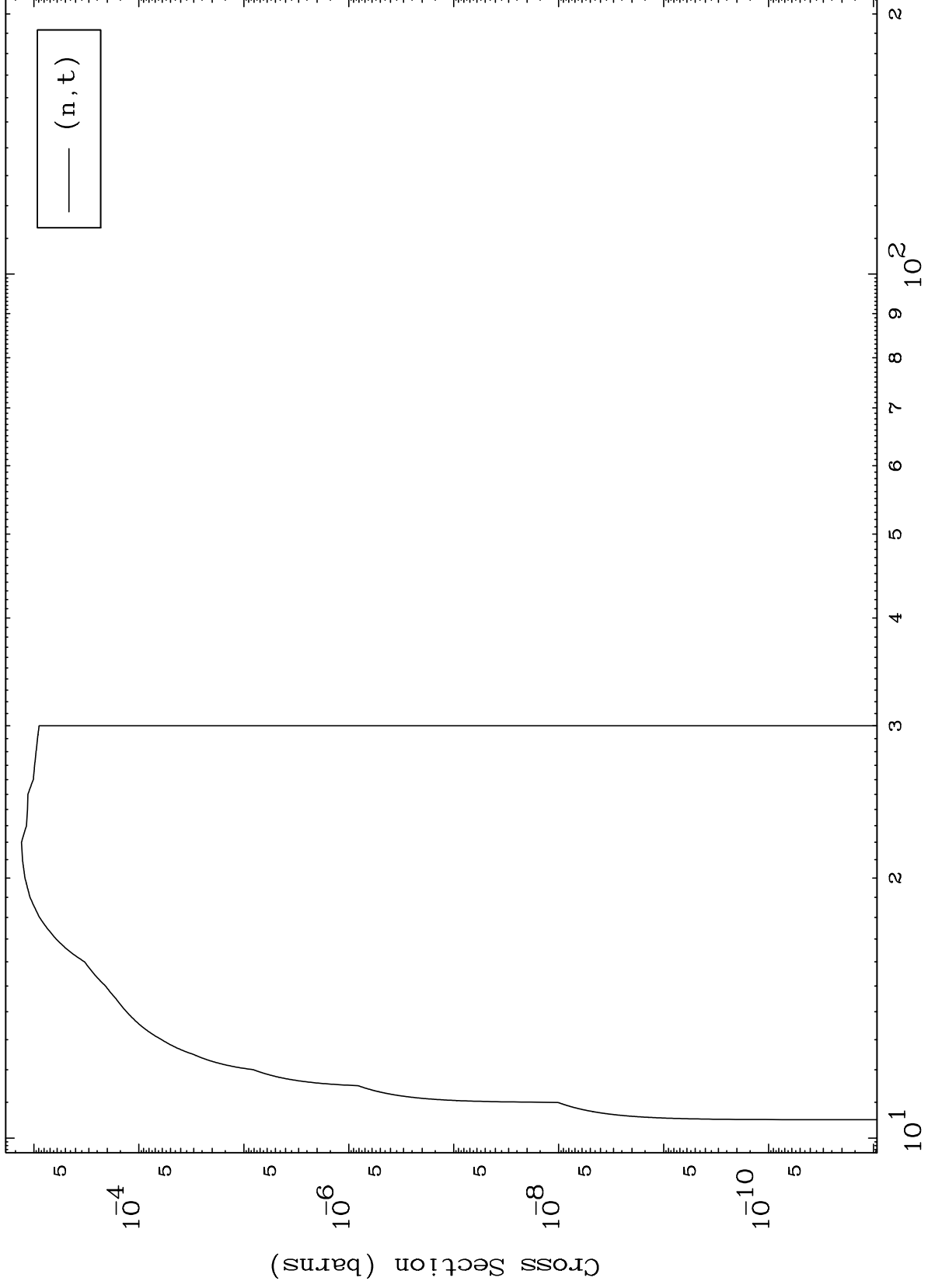
Incident Energy (MeV)

17-Cl-39

MAT 1737

(n,t) Levels  
293 Kelvin Cross Sections

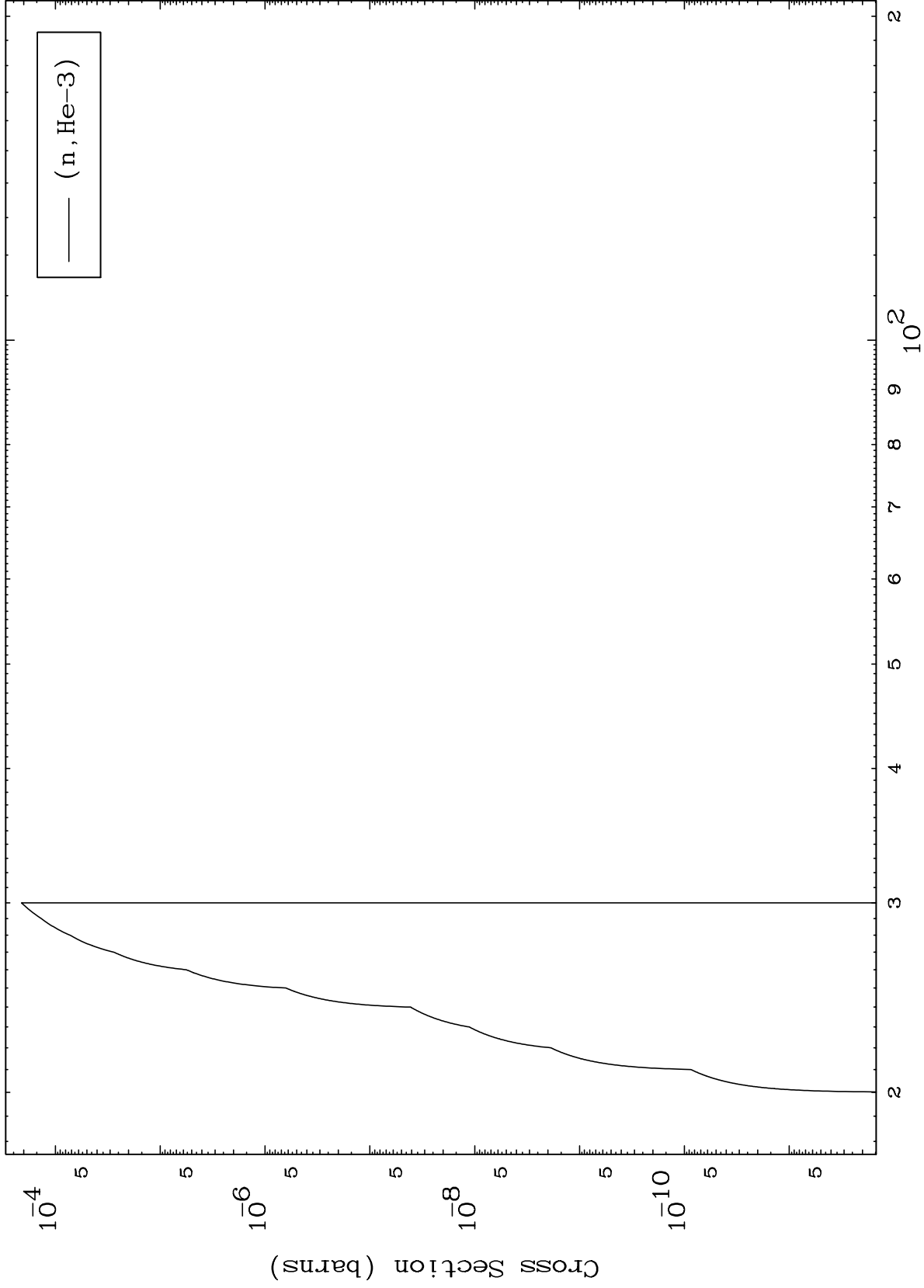
17-Cl-39



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Incident Energy (MeV)

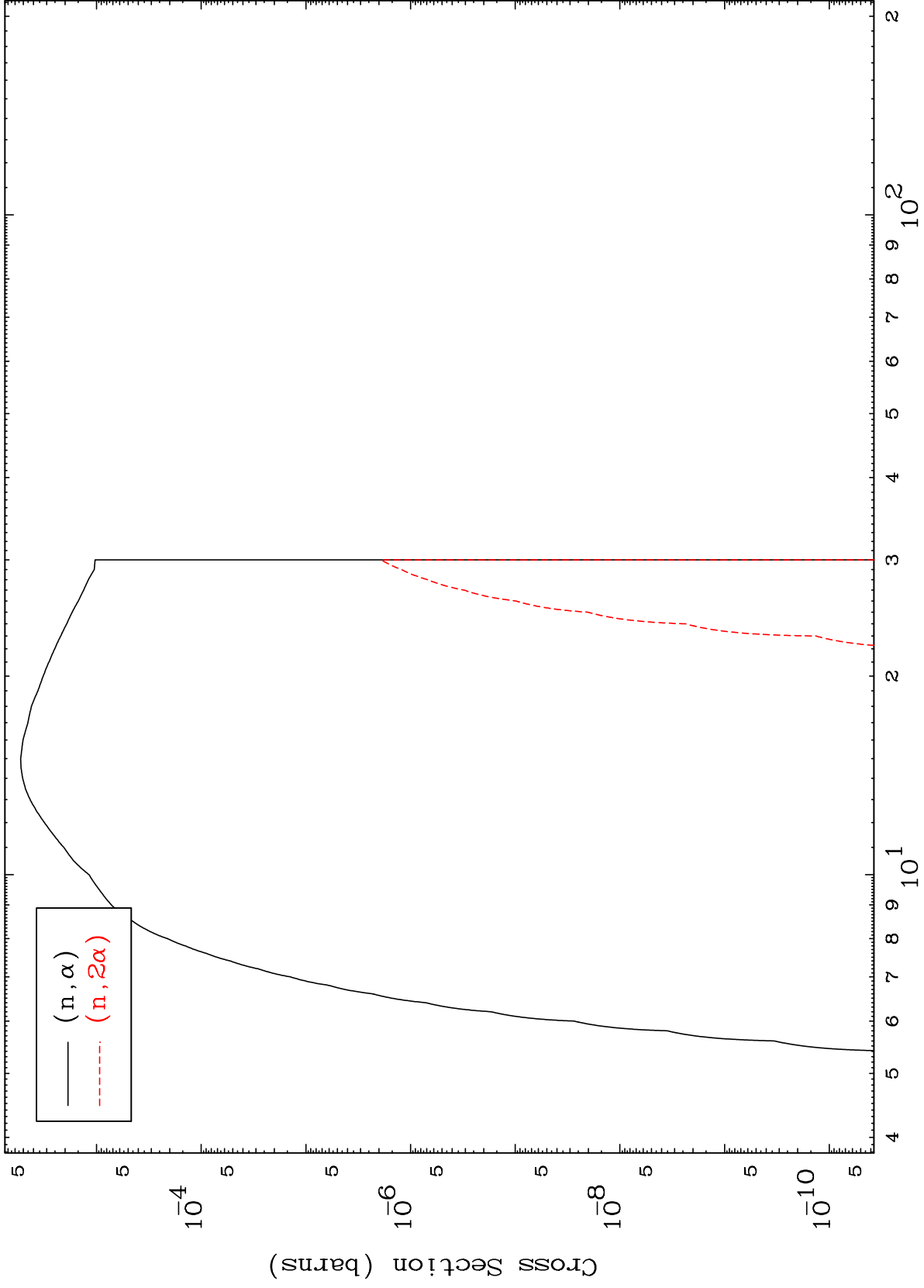
17-Cl-39



MAT 1737

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

17-Cl-39



15

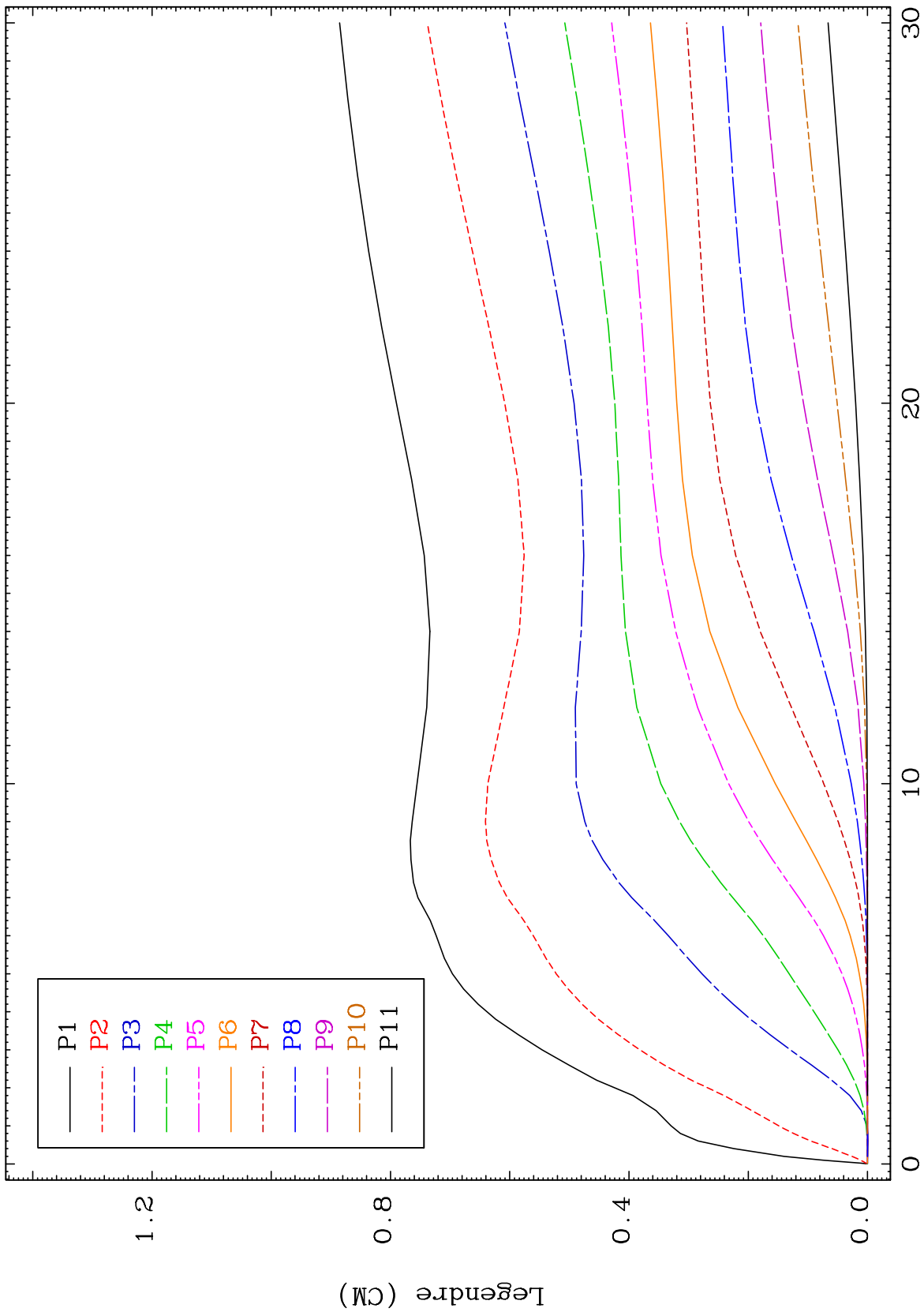
Incident Energy (MeV)

17-Cl-39

MAT 1737

Elastic Legendre Coefficients

17-Cl-39



16

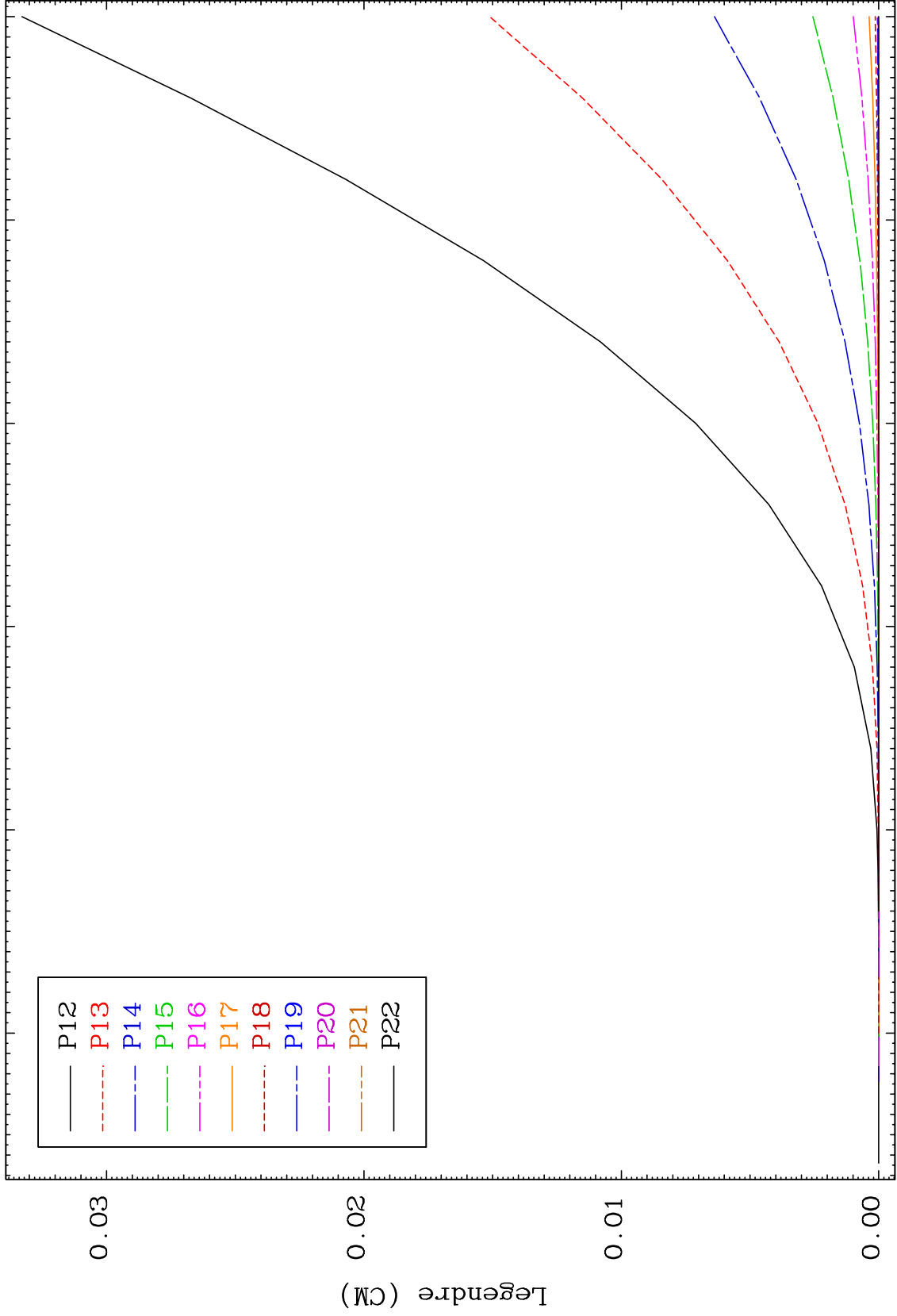
Incident Energy (MeV)

17-Cl-39

MAT 1737

Elastic Legendre Coefficients

17-Cl-39



17

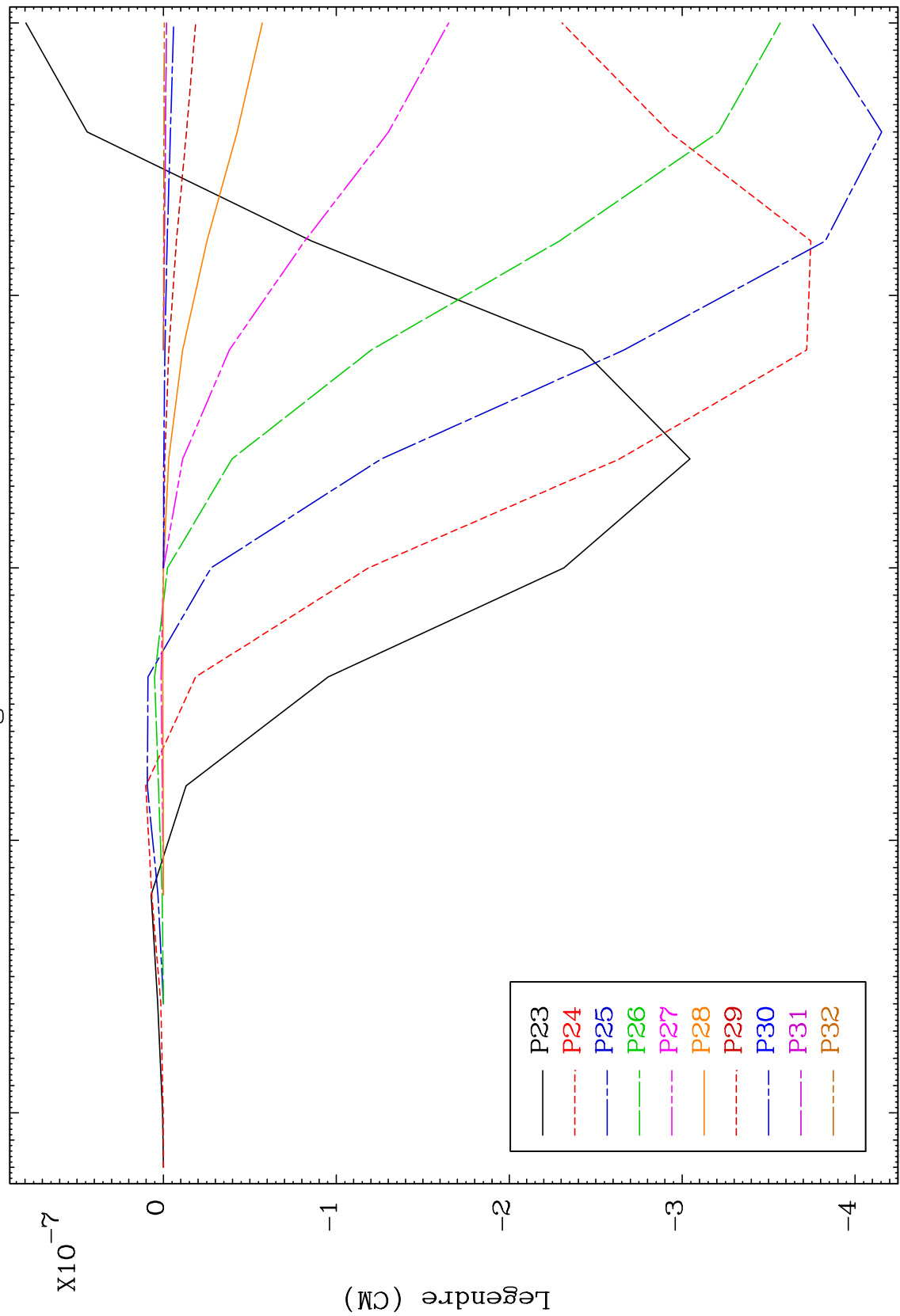
Incident Energy (MeV)

17-Cl-39

MAT 1737

Elastic Legendre Coefficients

17-Cl-39



18

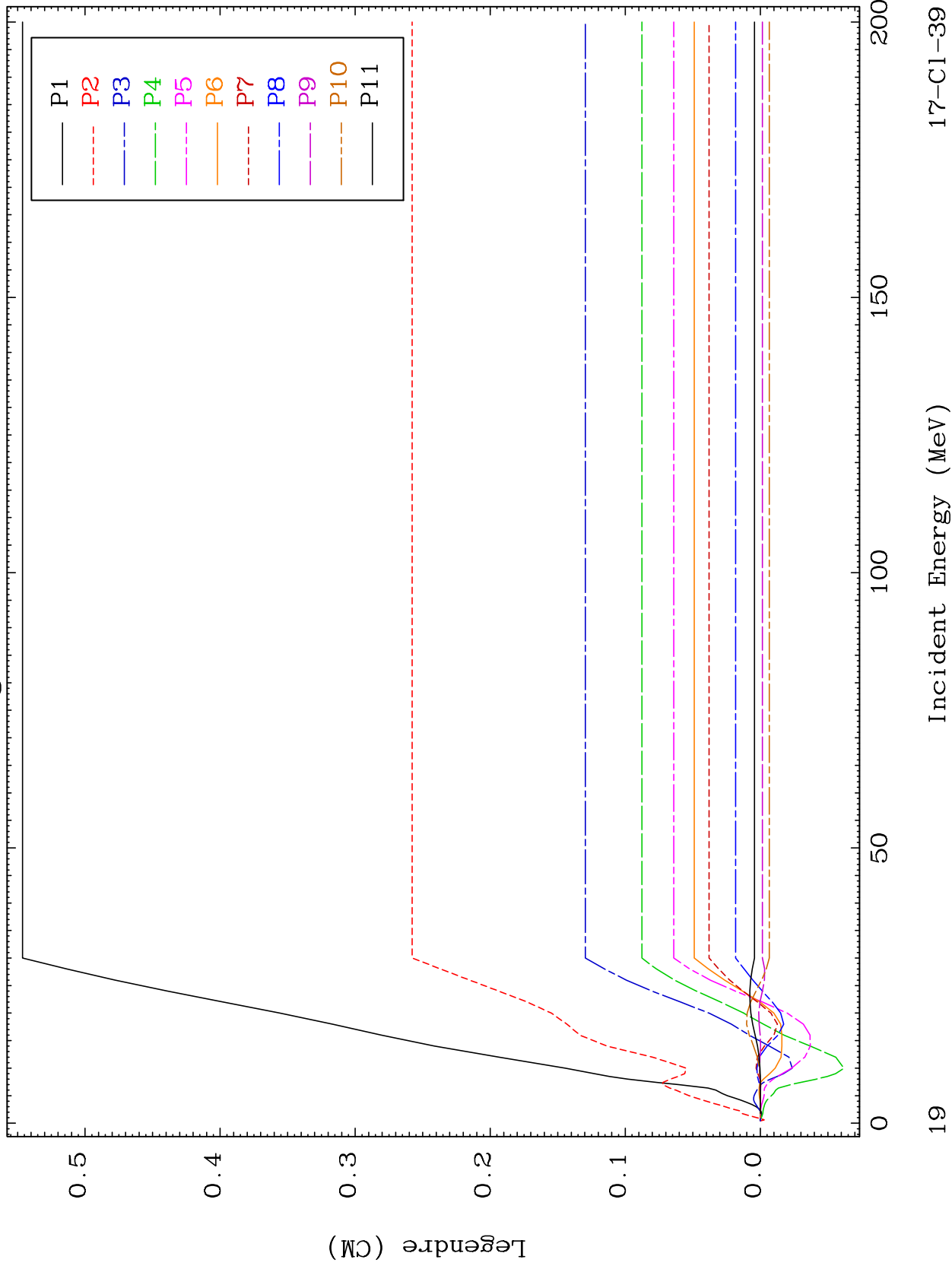
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

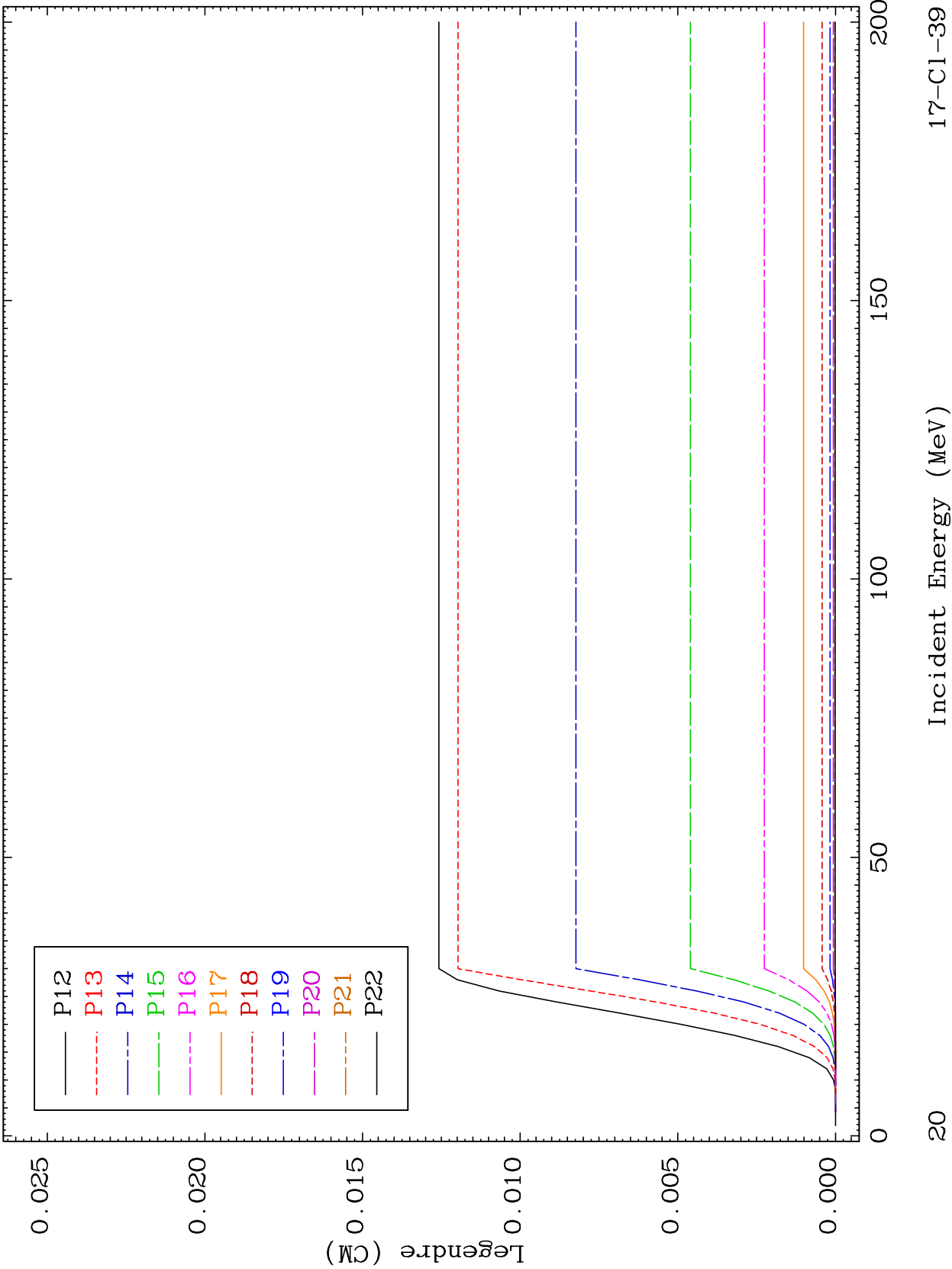
17-Cl-39



MAT 1737

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

17-Cl-39



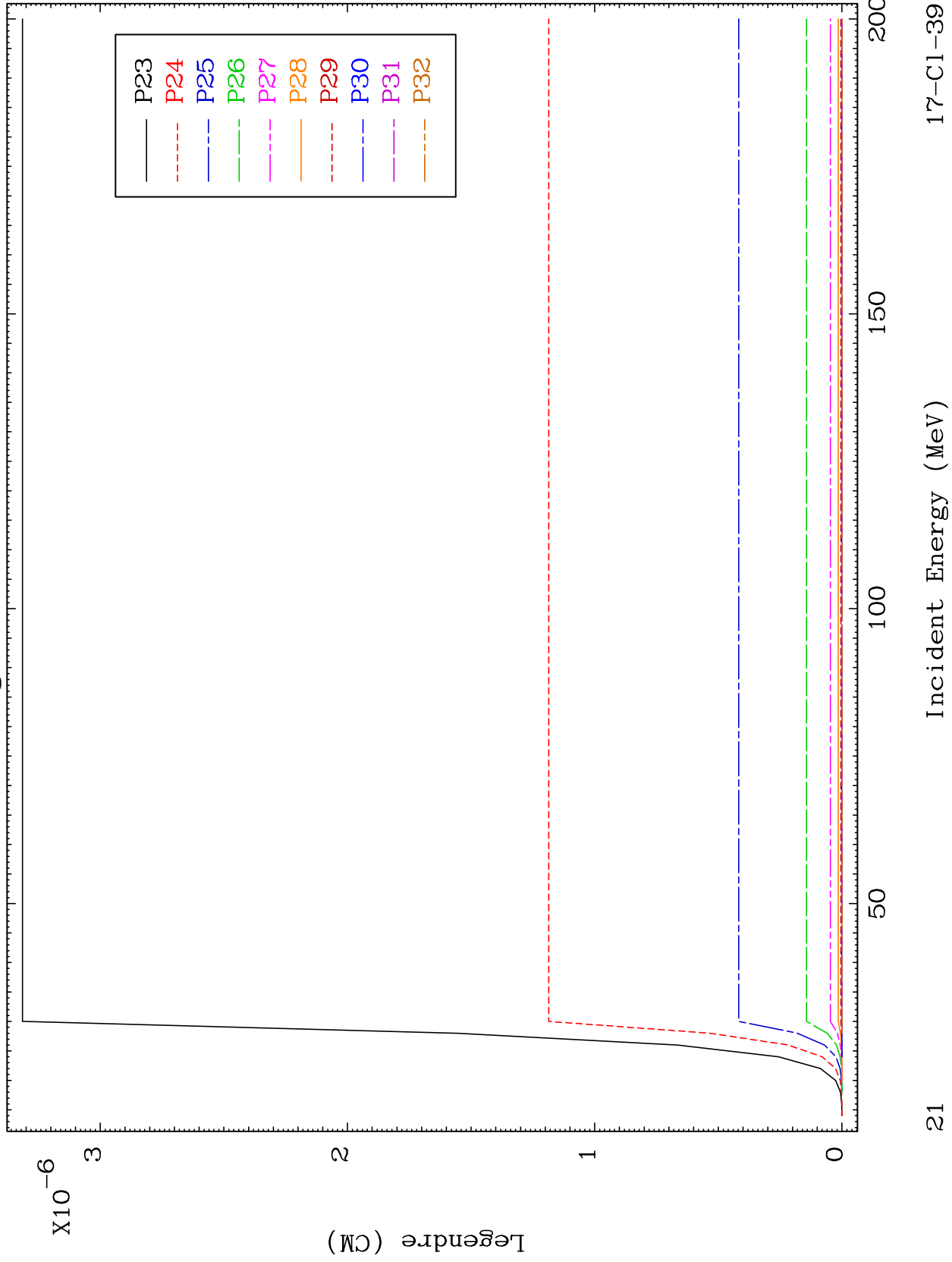
17-Cl-39

Incident Energy (MeV)

MAT 1737

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

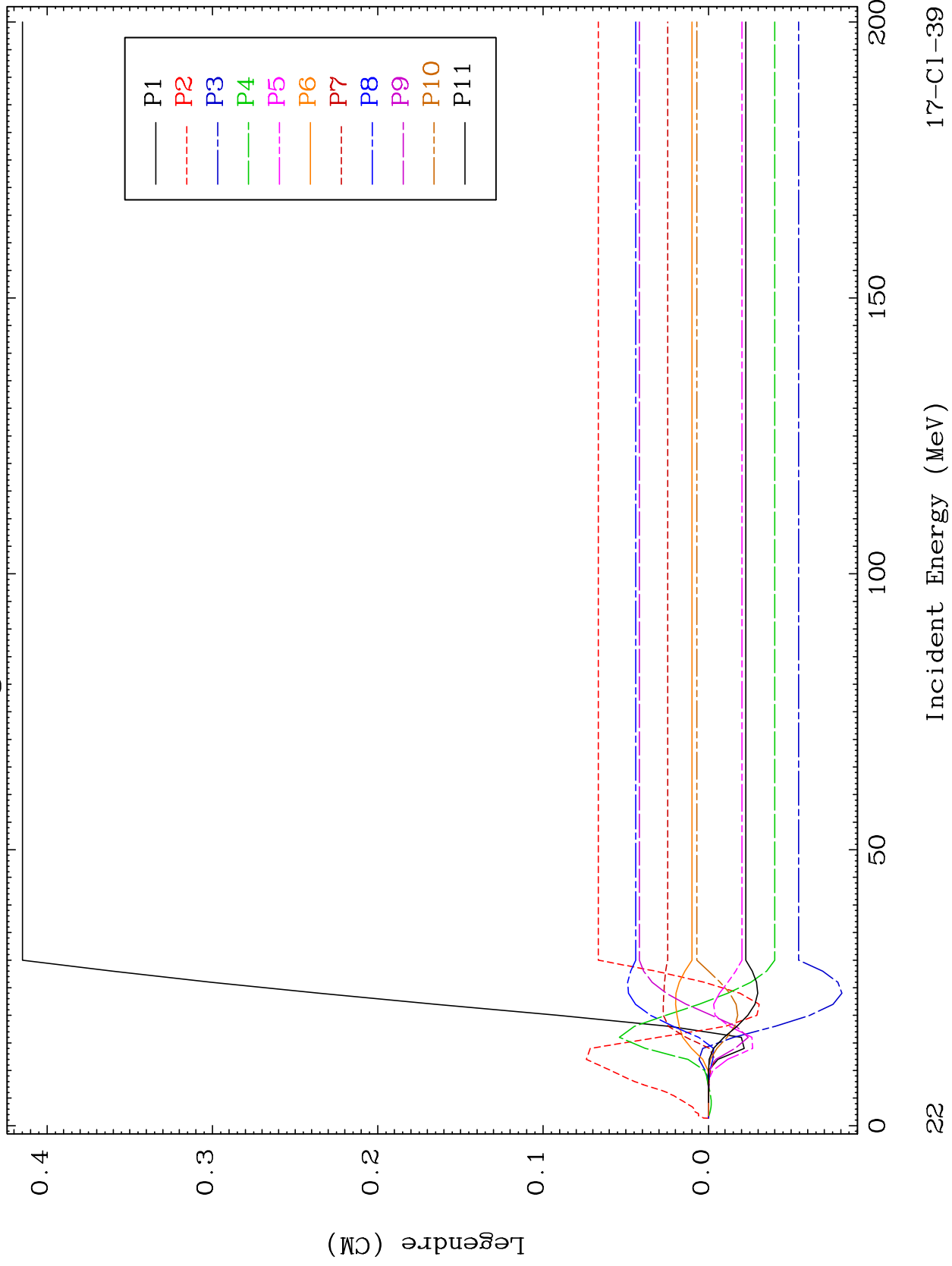
17-Cl-39



MAT 1737

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

17-Cl-39



22

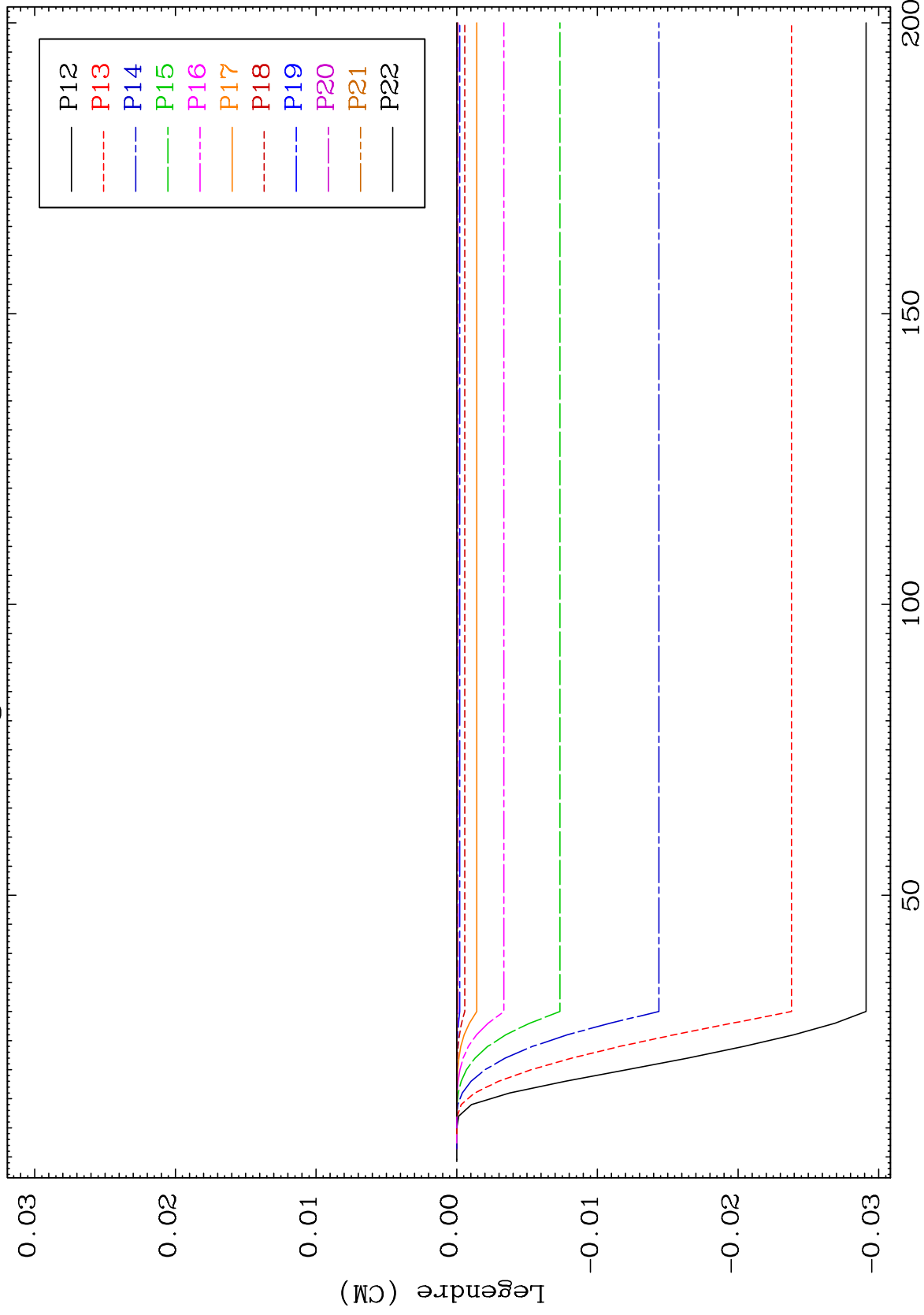
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-C1-39



23

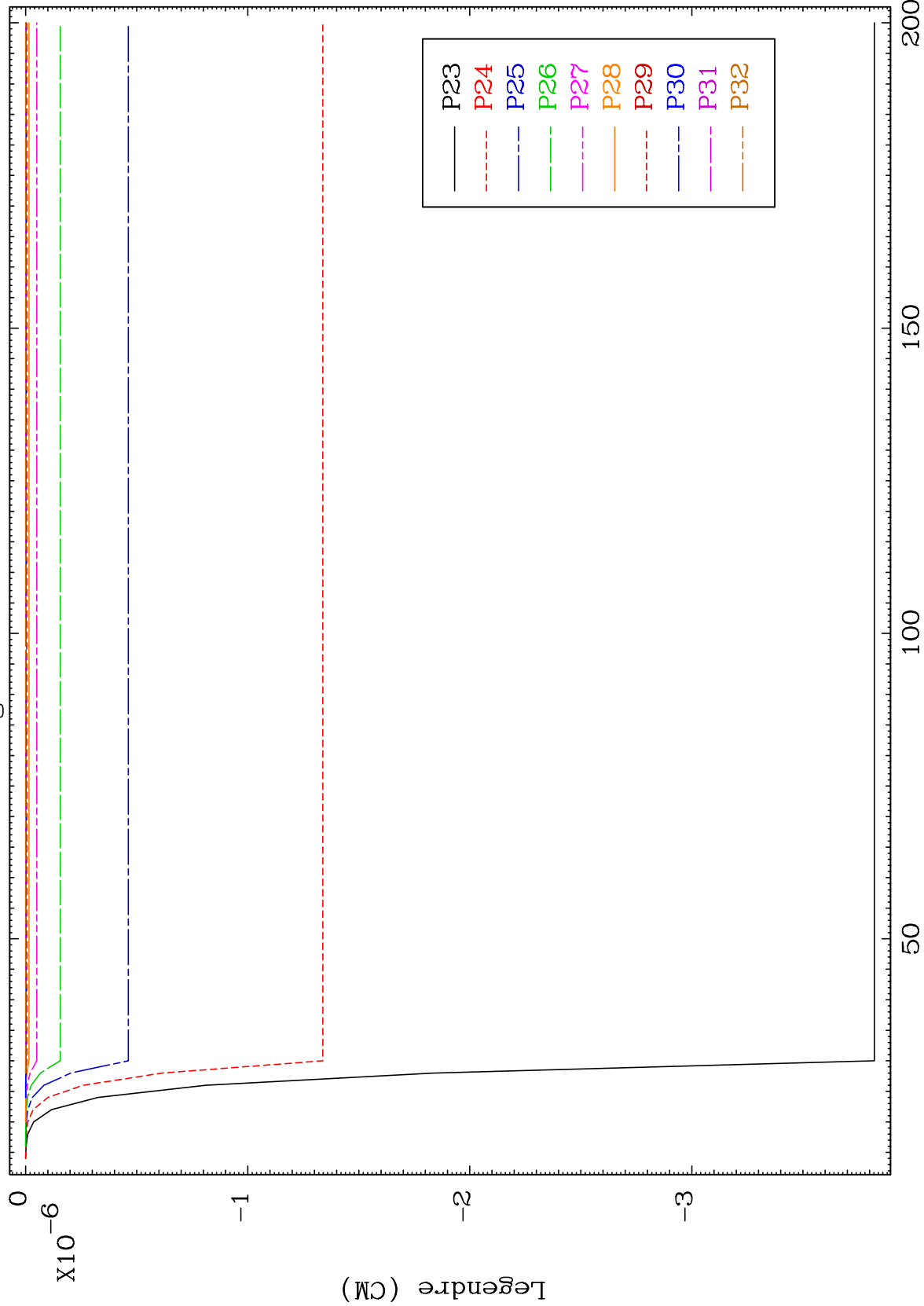
Incident Energy (MeV)

17-C1-39

MAT 1737

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

17-C1-39



24

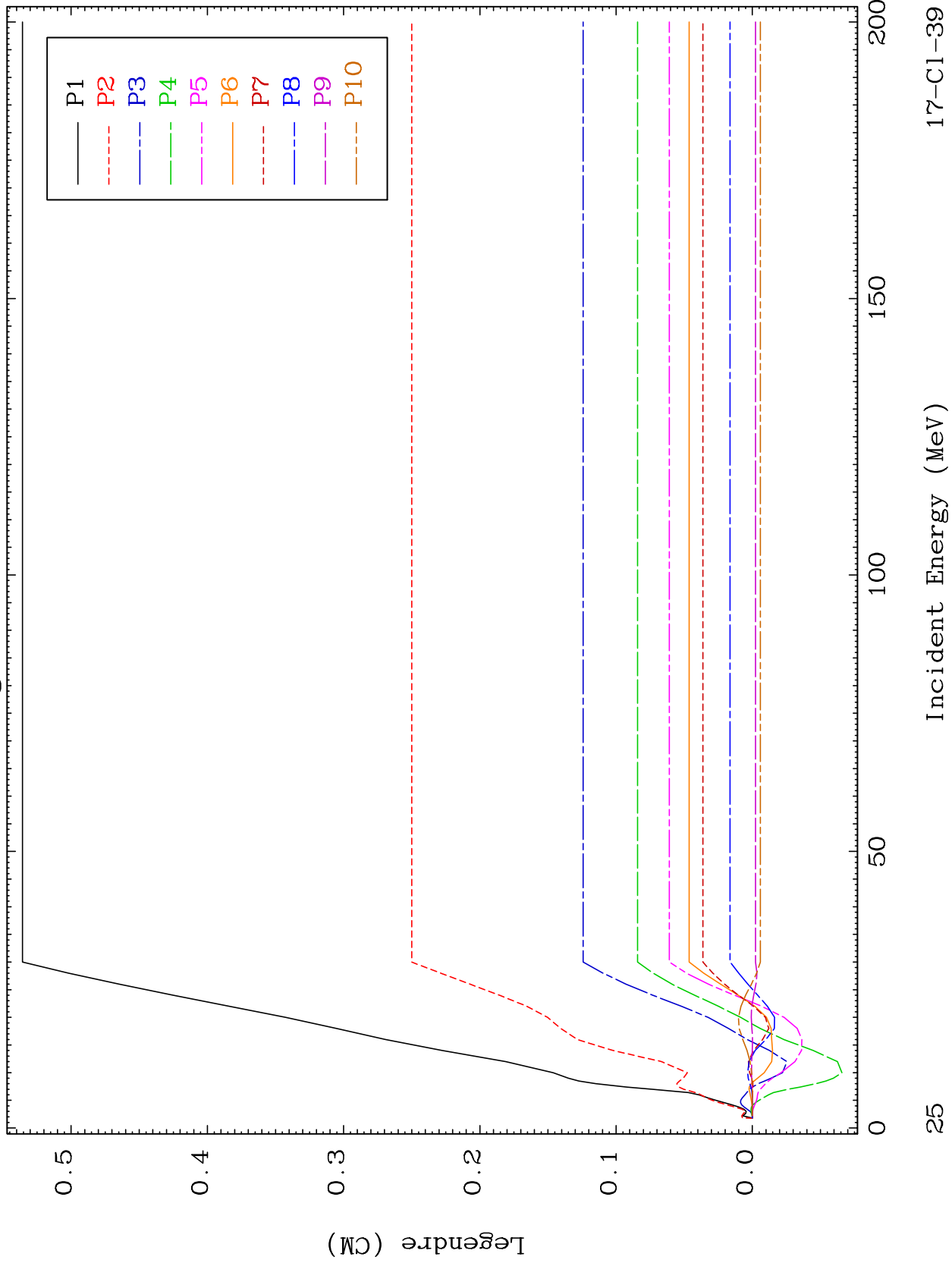
Incident Energy (MeV)

17-C1-39

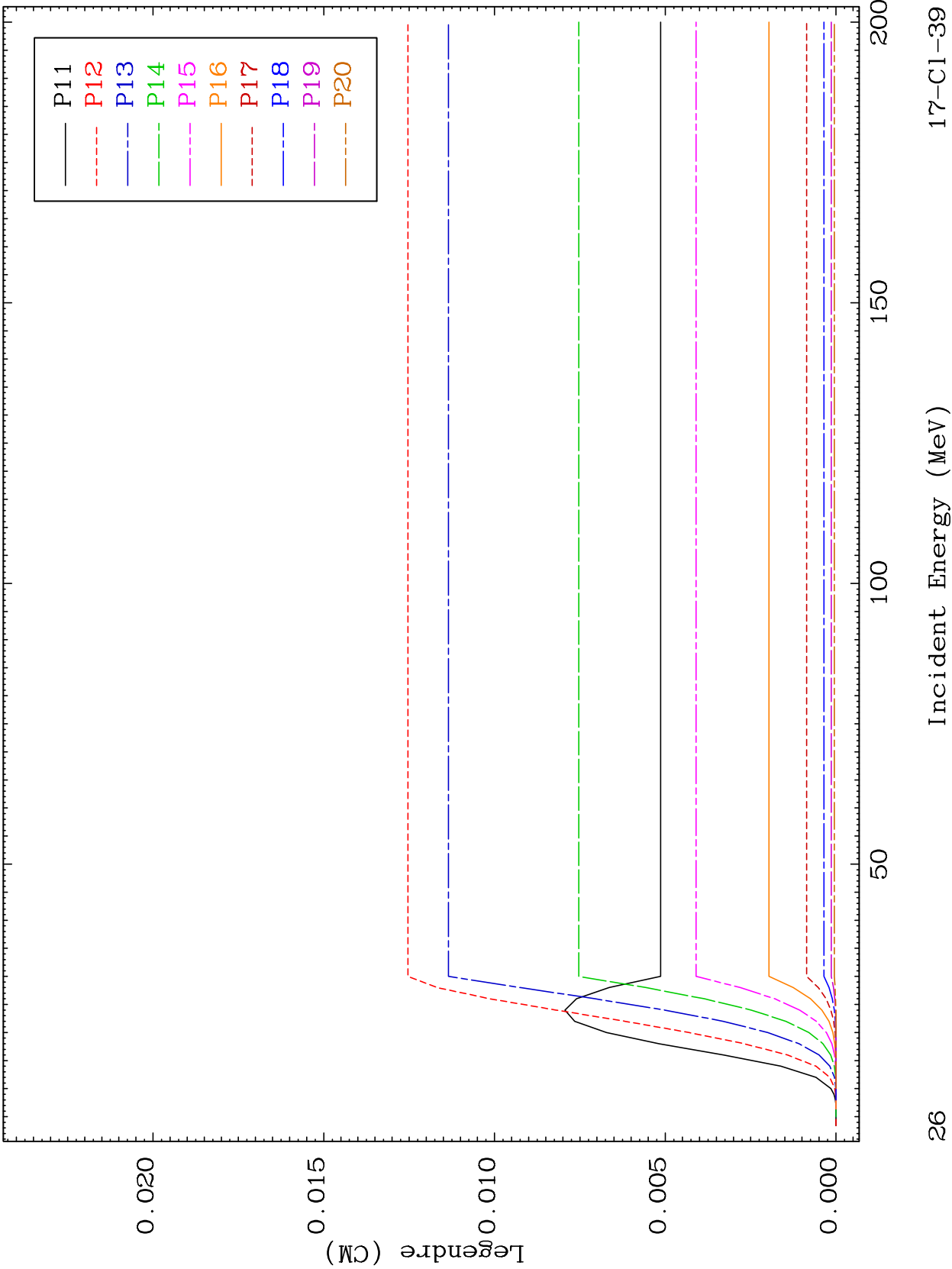
MAT 1737

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

17-C1-39



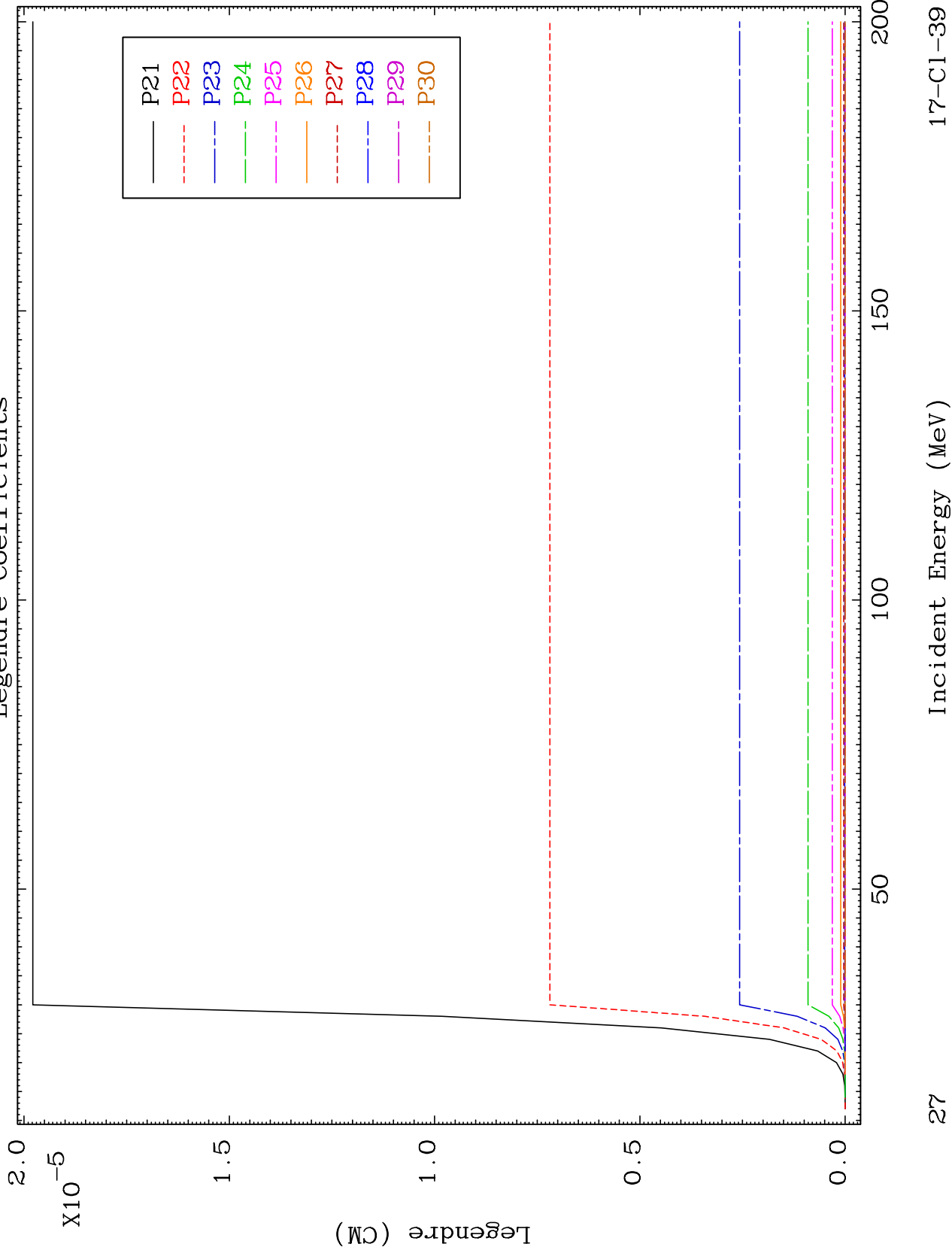
17-C1-39



MAT 1737

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

17-Cl-39



27

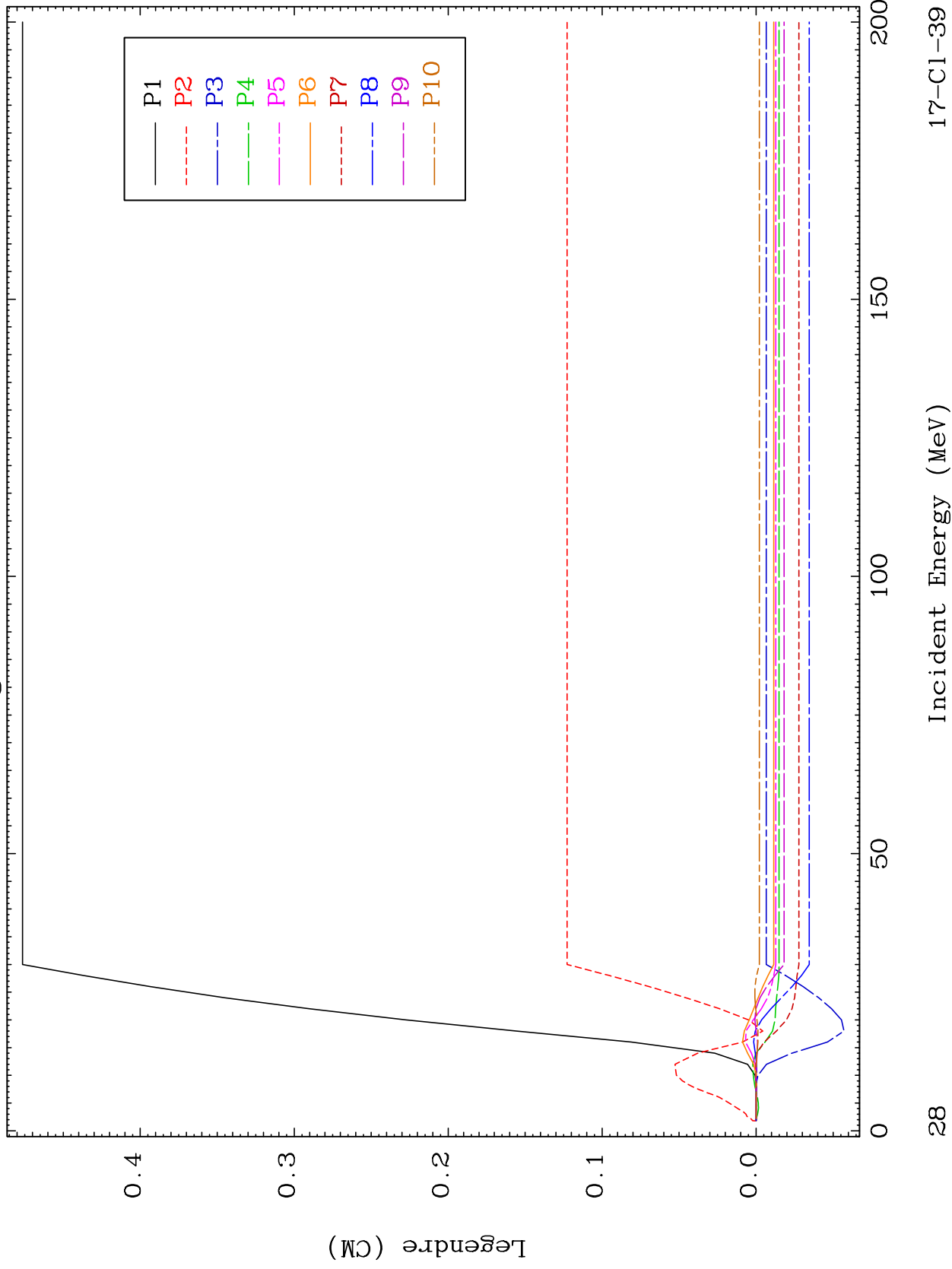
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

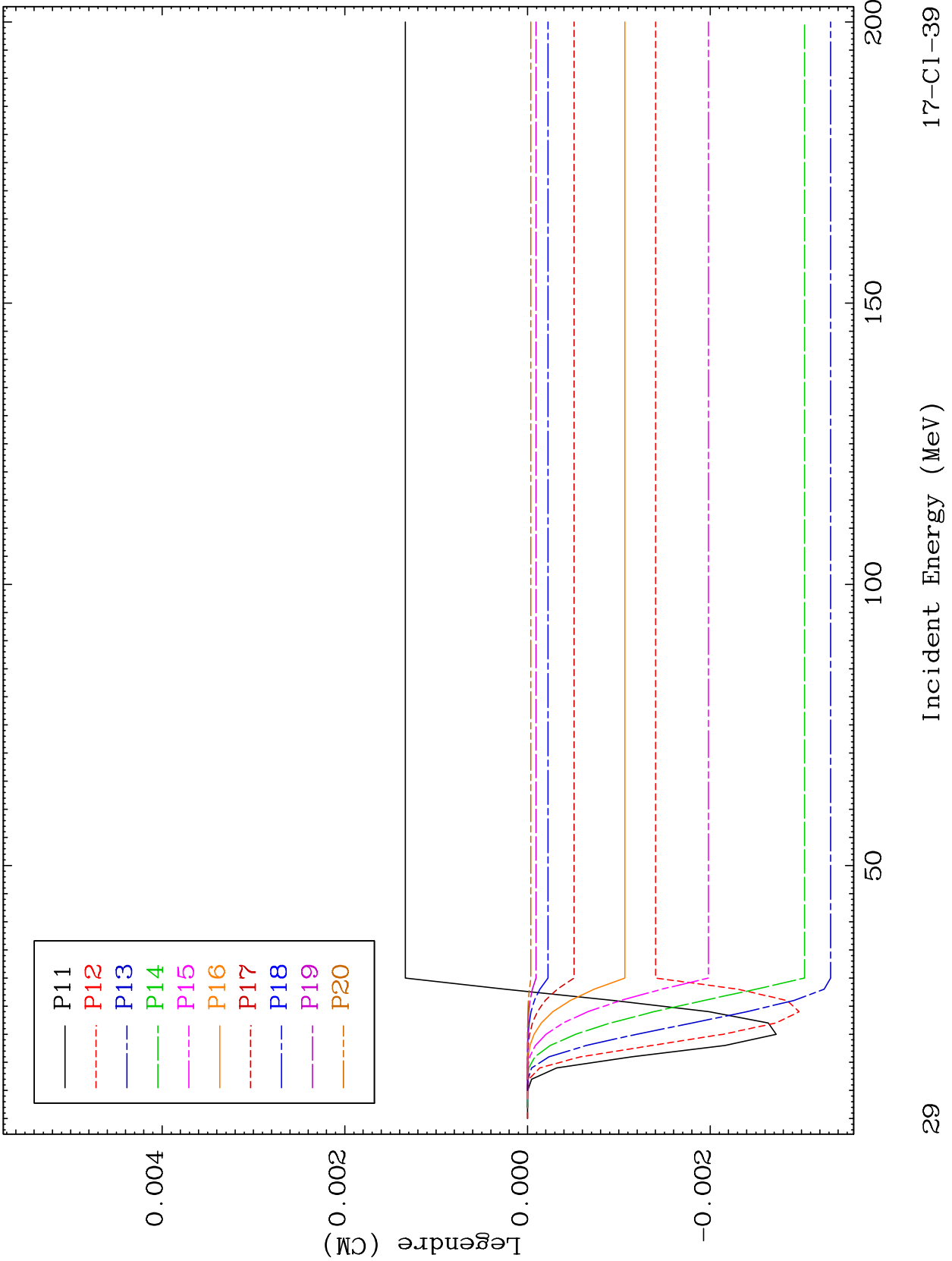
17-Cl-39

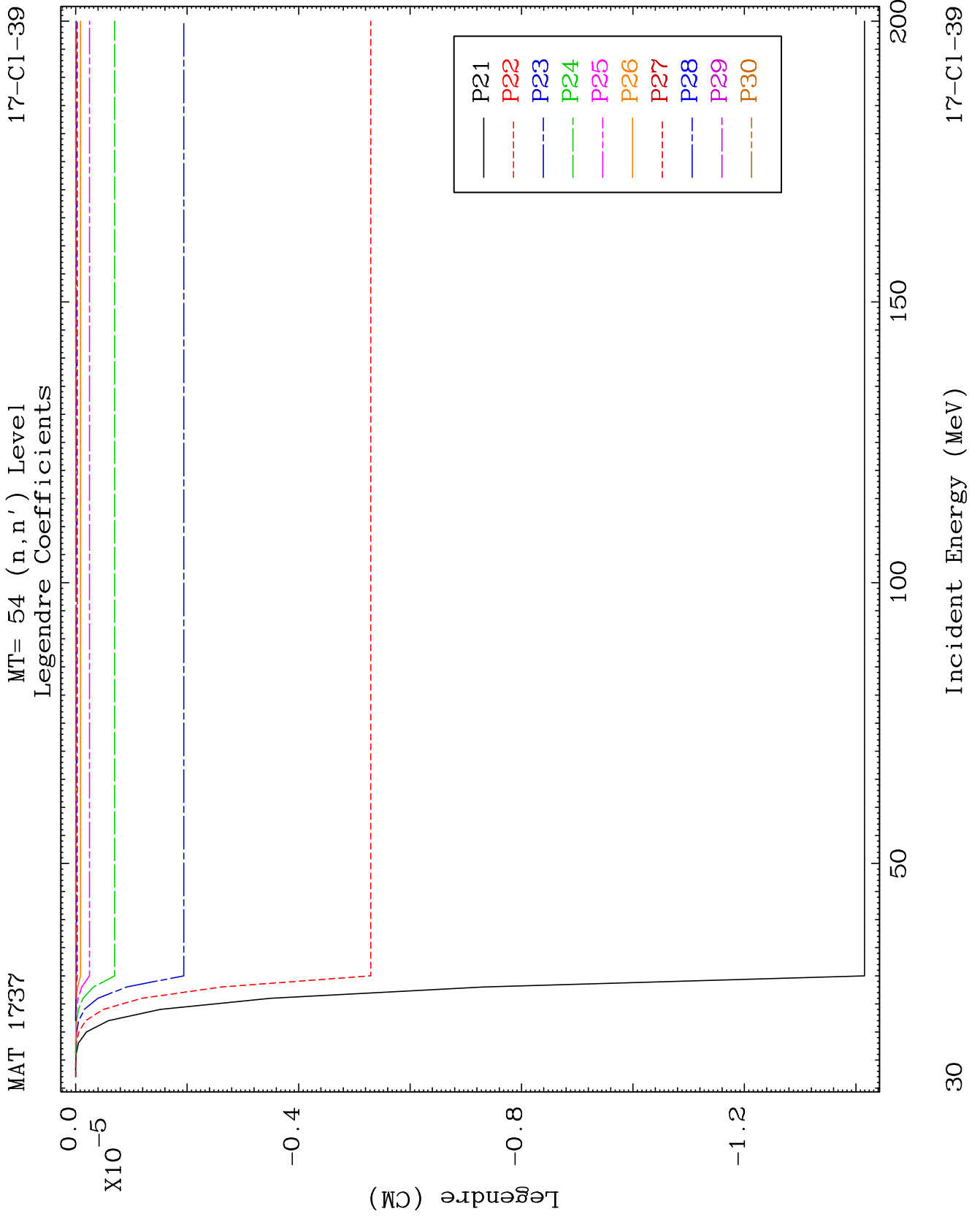


17-Cl-39

Incident Energy (MeV)

28

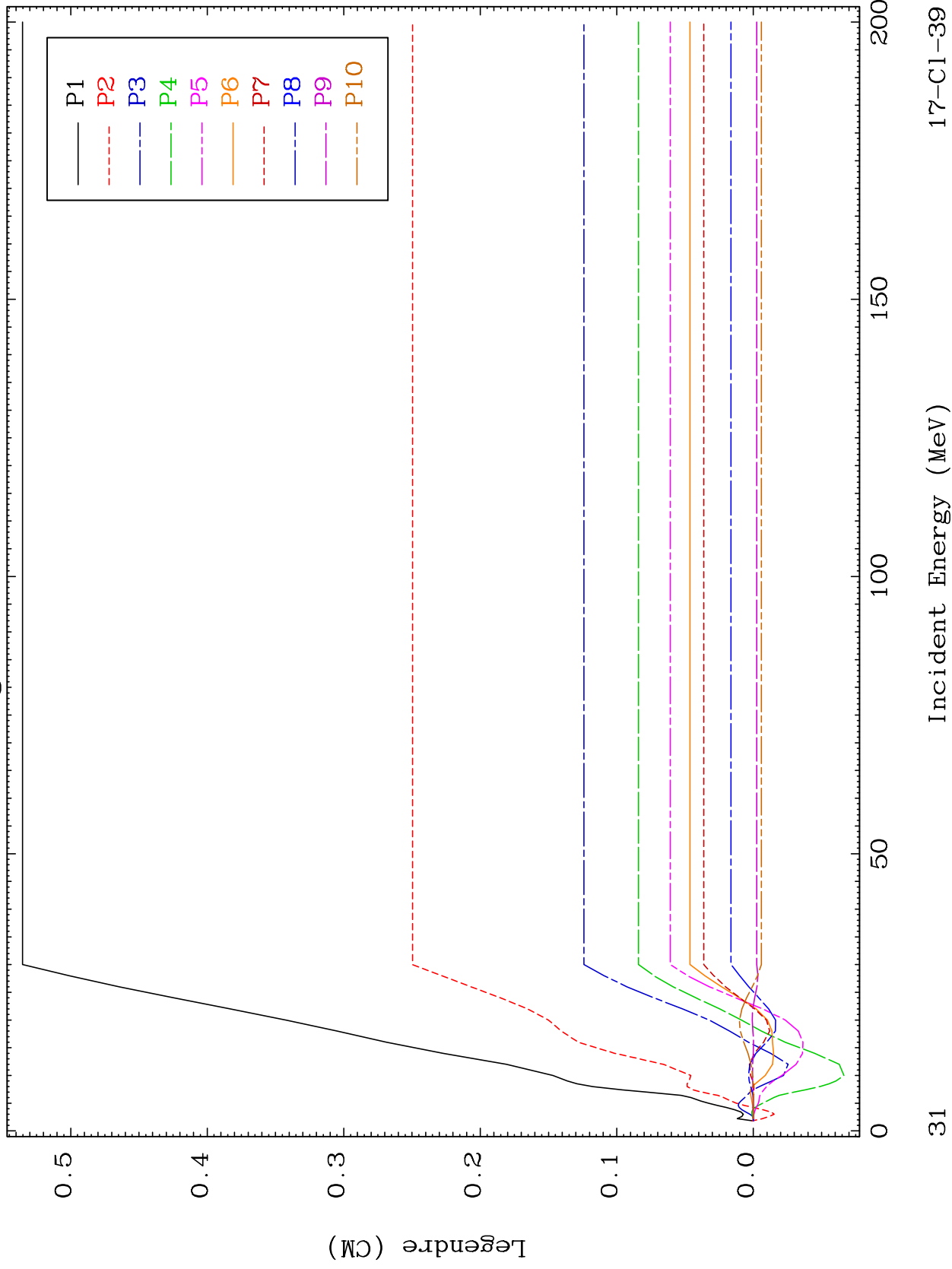




MAT 1737

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

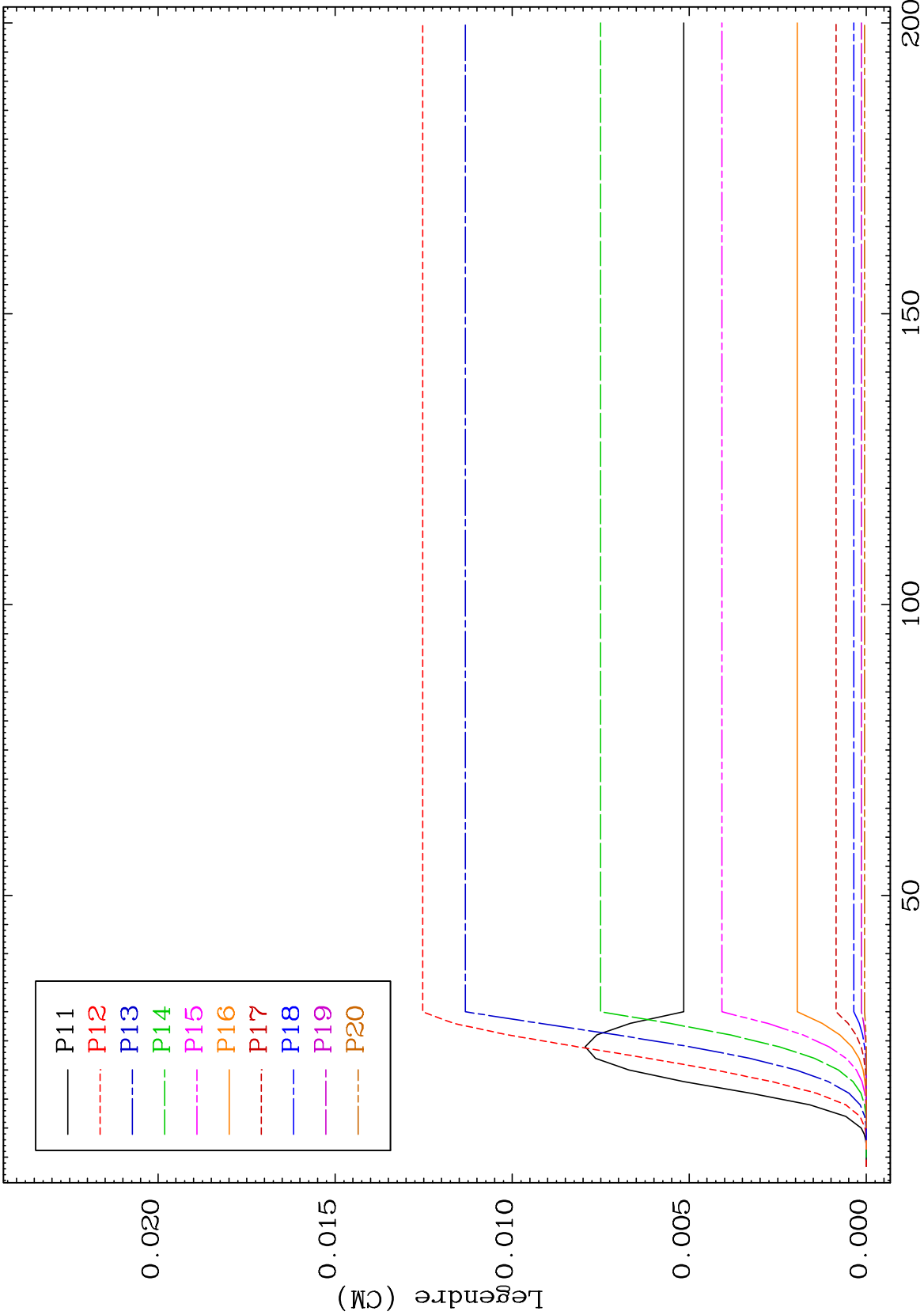
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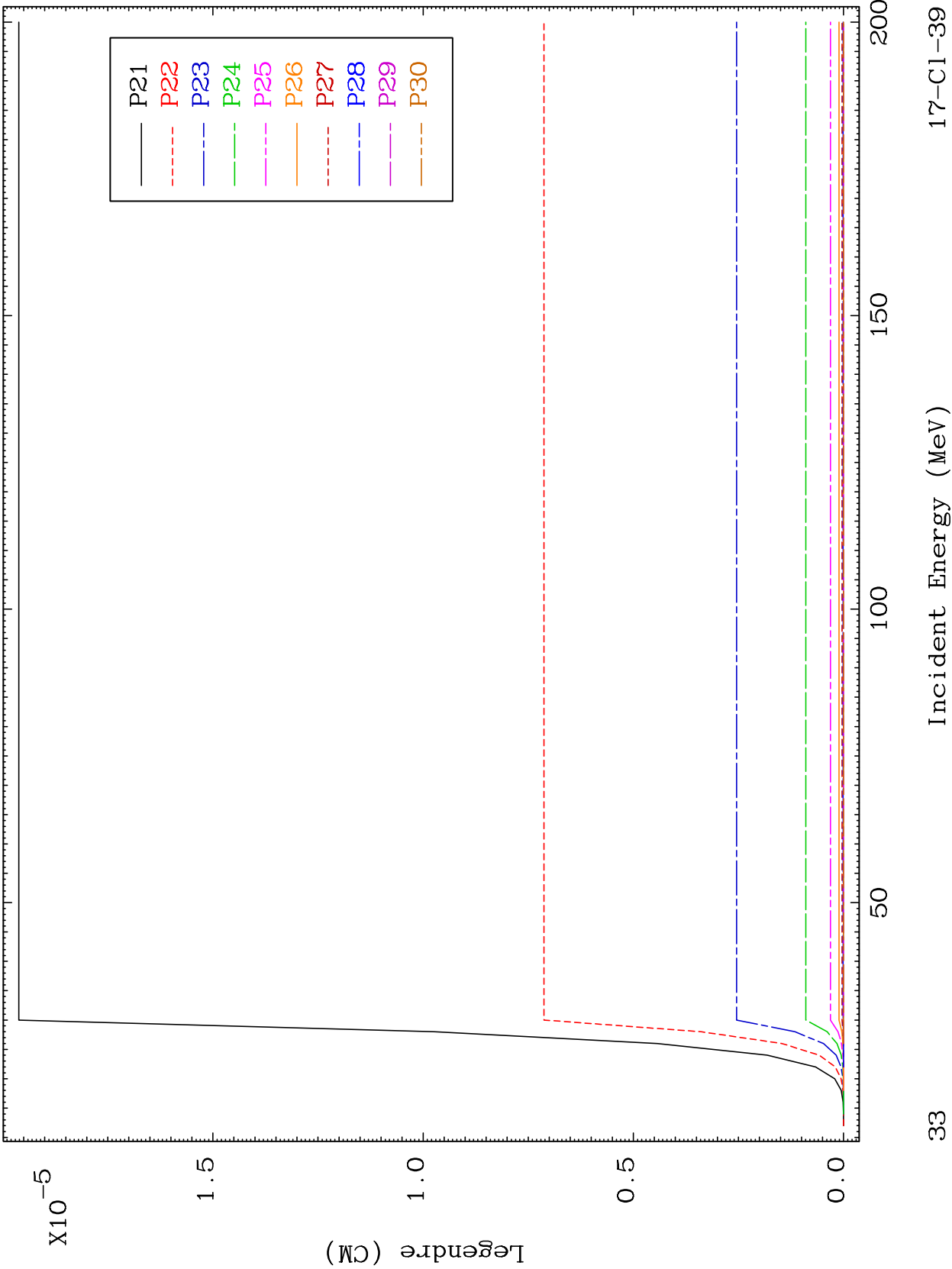


17-Cl-39

Incident Energy (MeV)

31

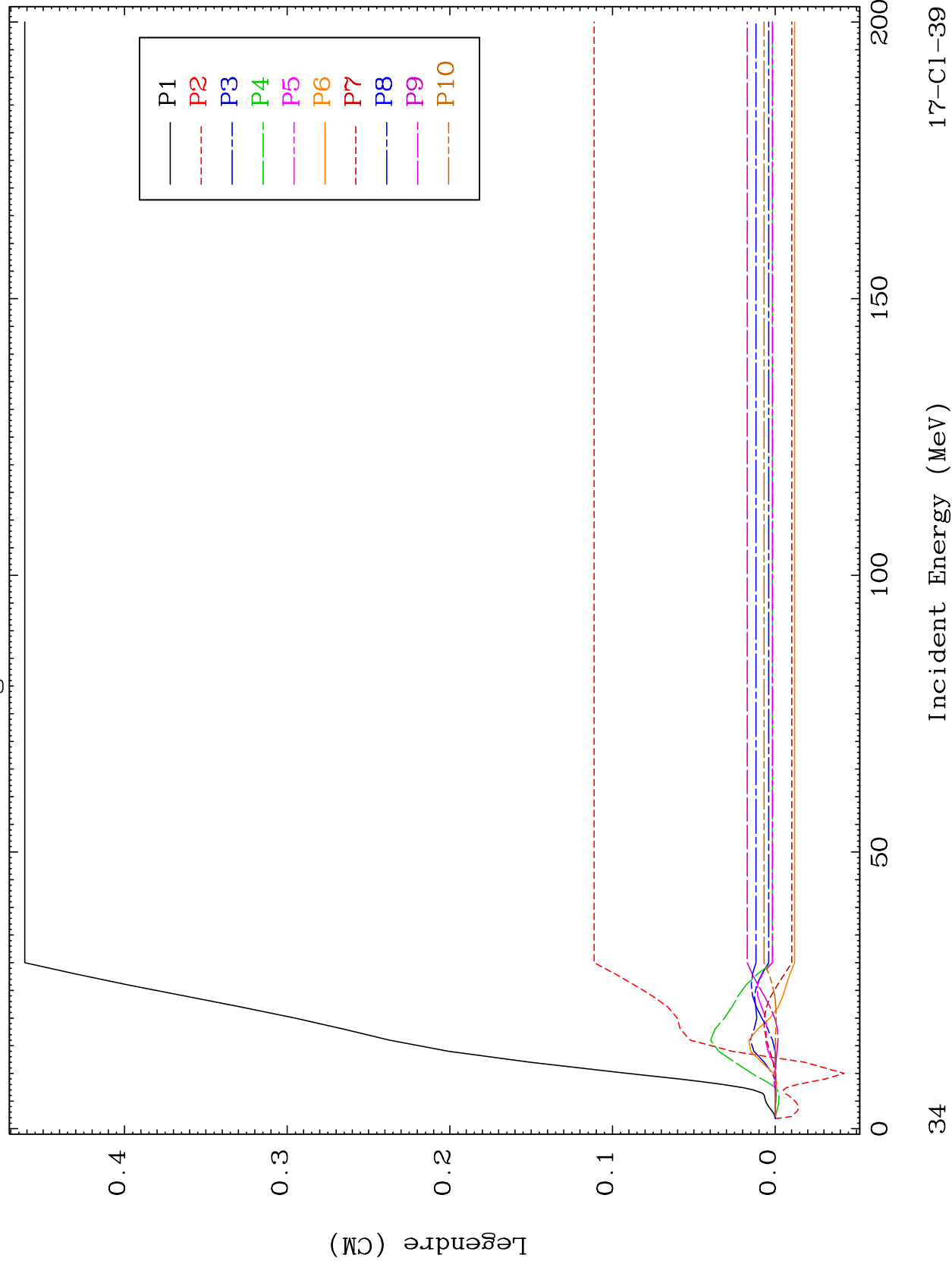




MAT 1737

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

17-Cl-39



34

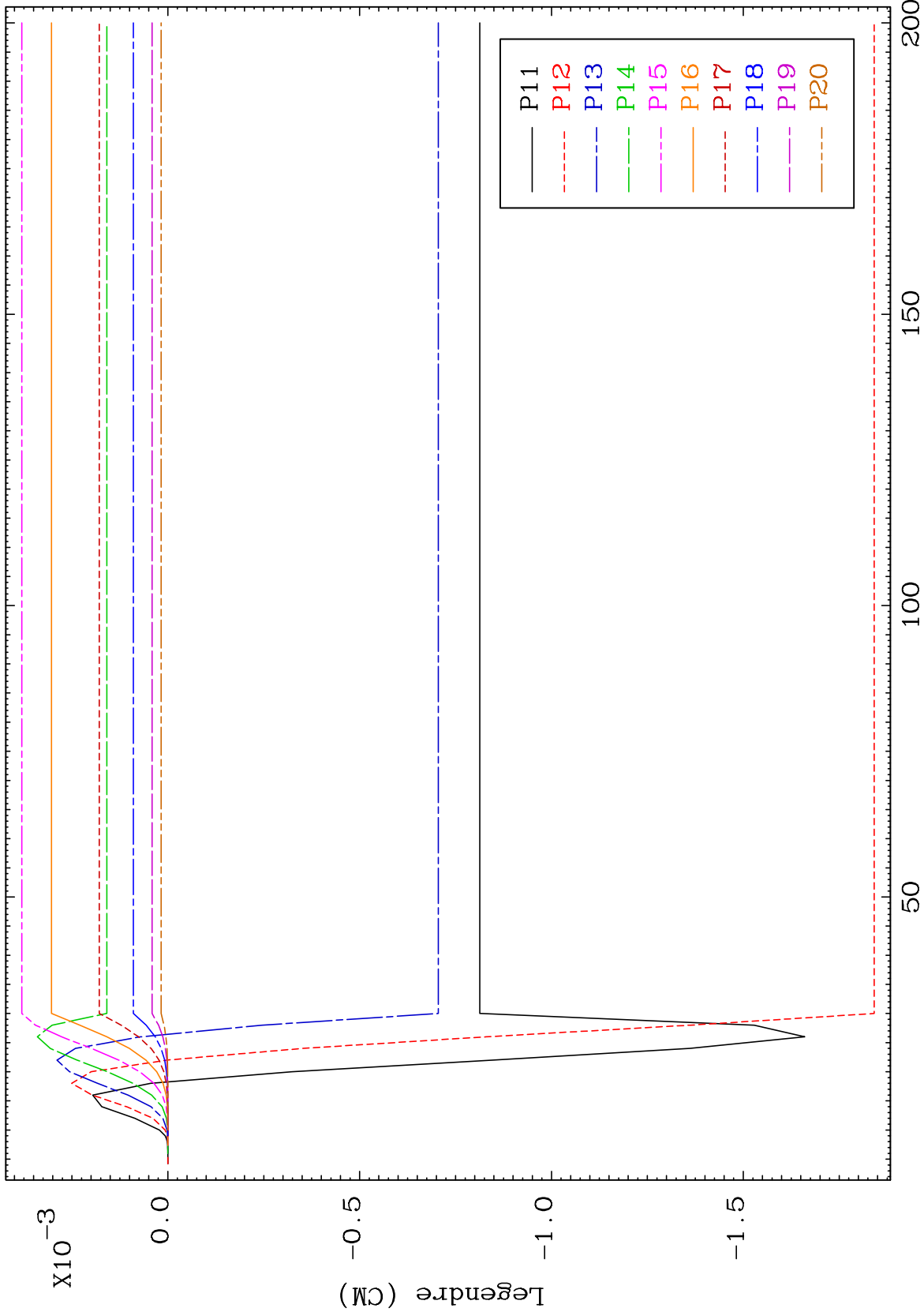
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



35

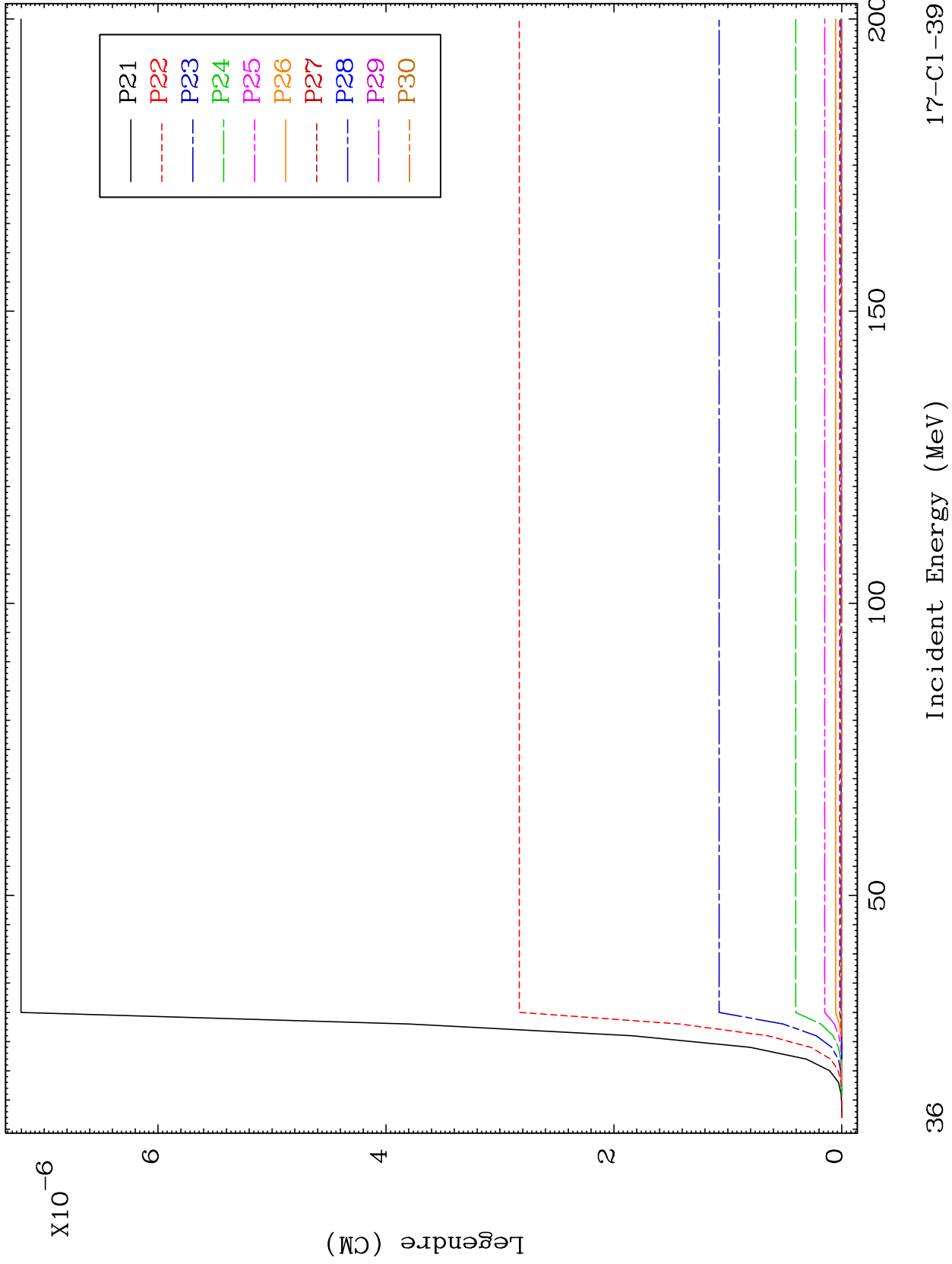
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

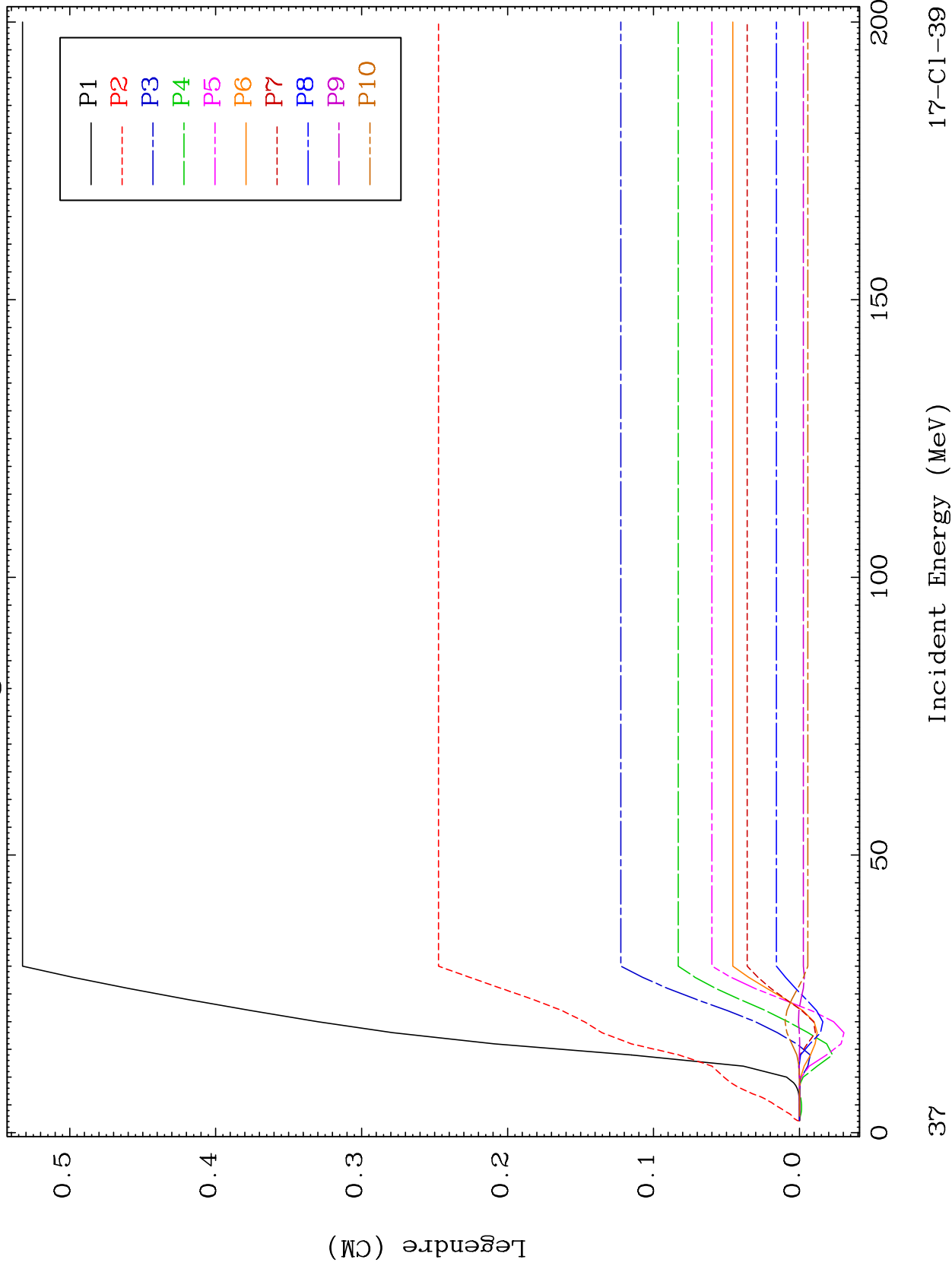
17-Cl-39



MAT 1737

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

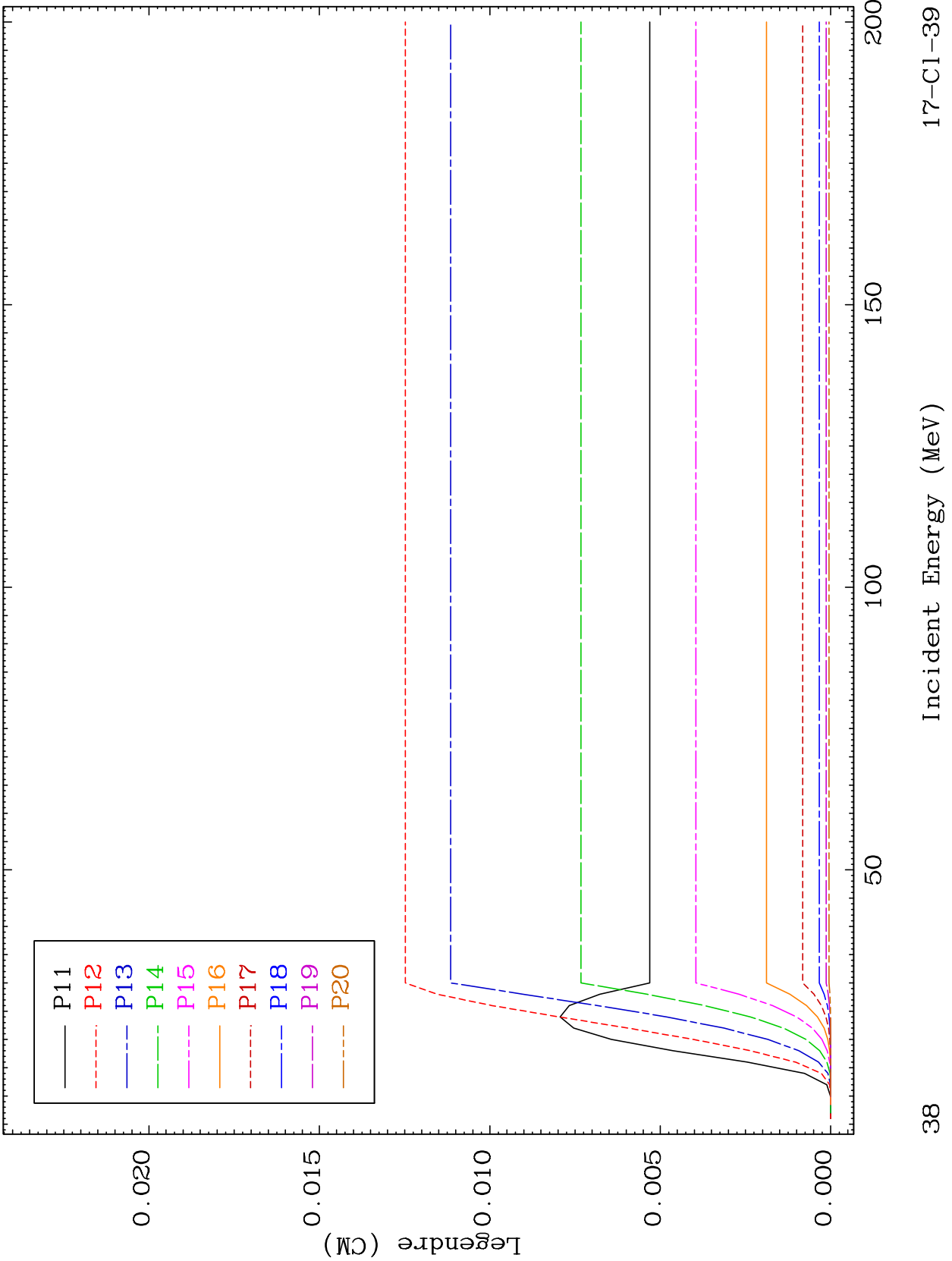
17-Cl-39



17-Cl-39

Incident Energy (MeV)

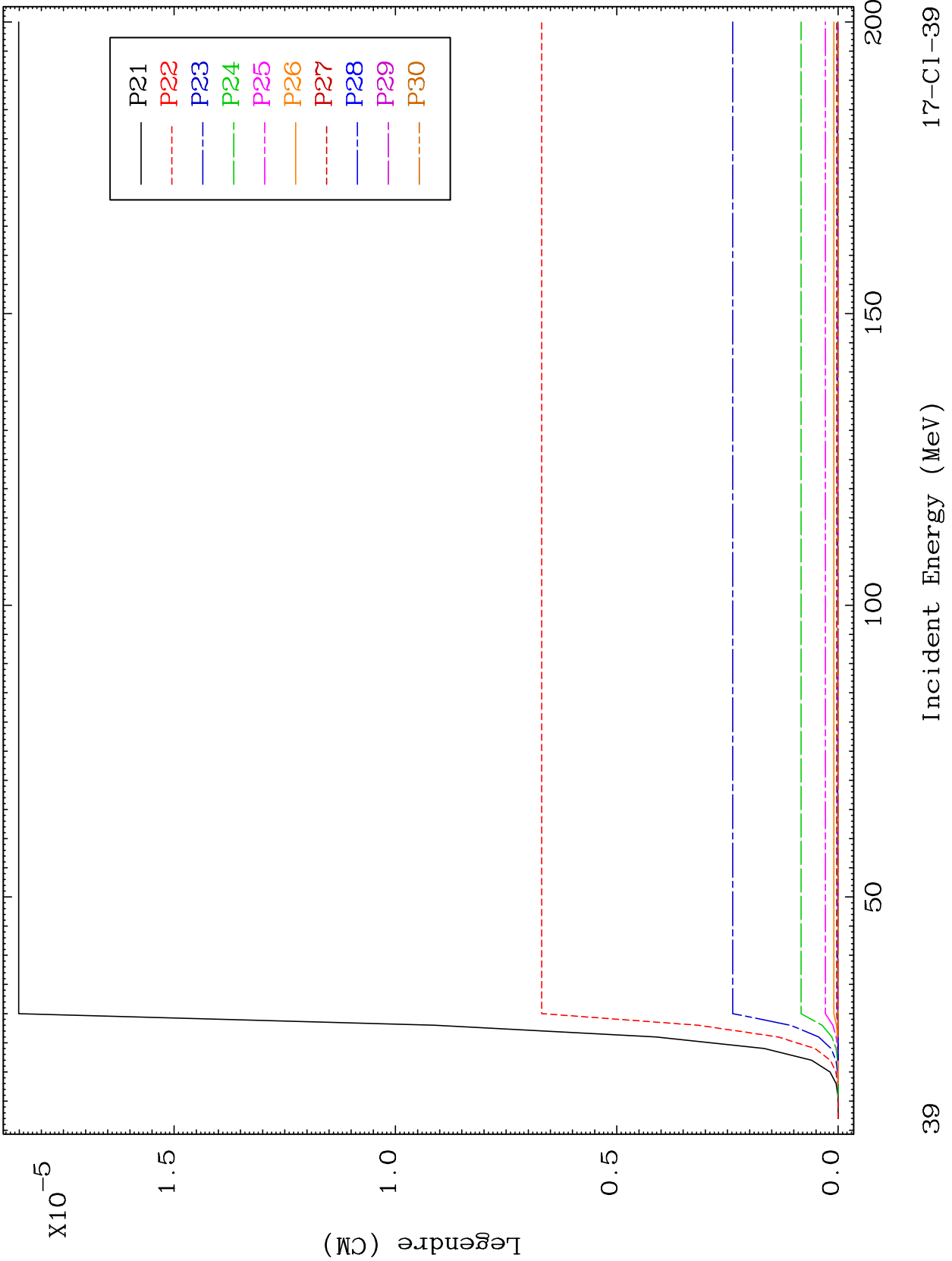
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MAT 1737

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

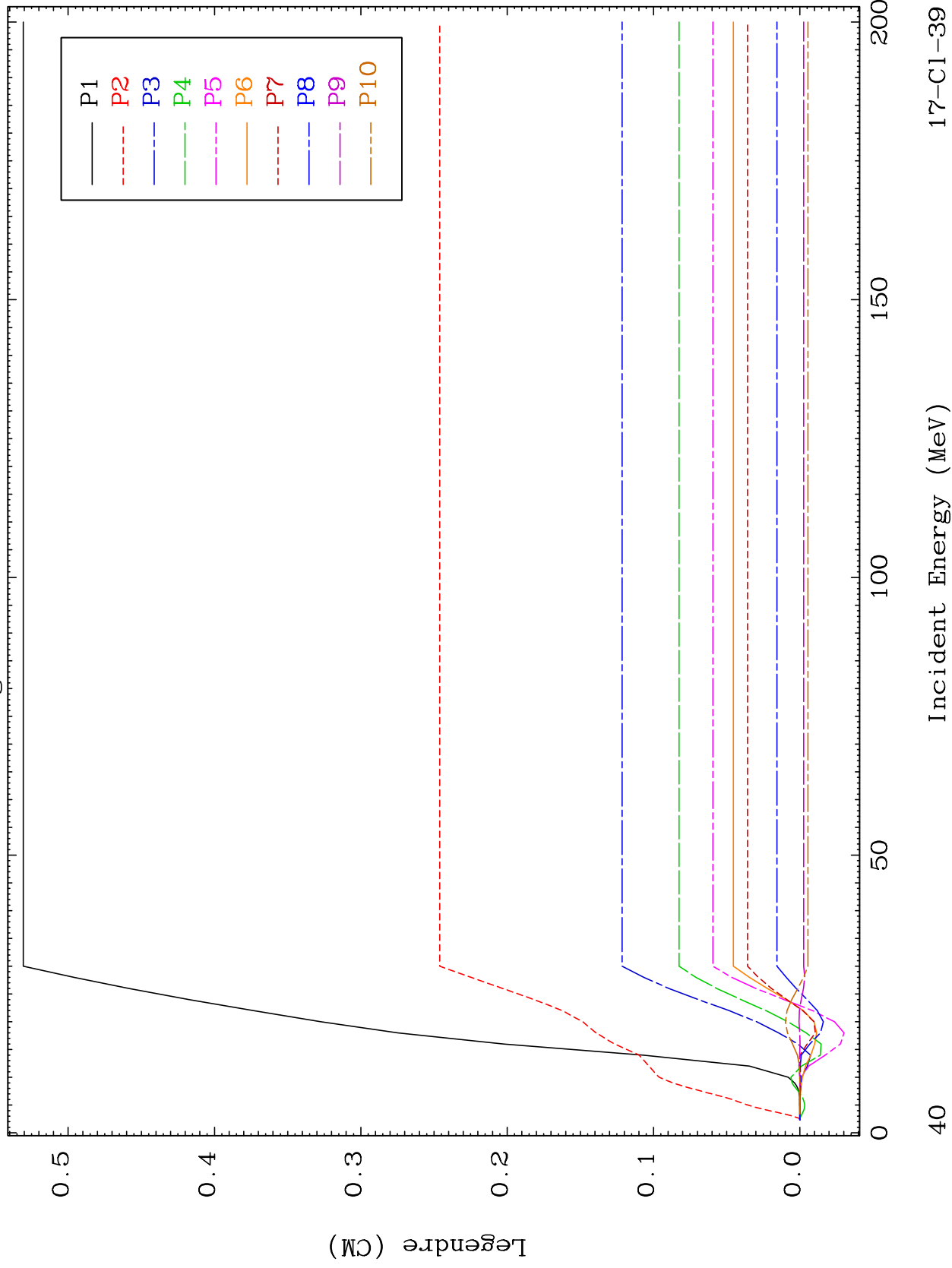
17-Cl-39



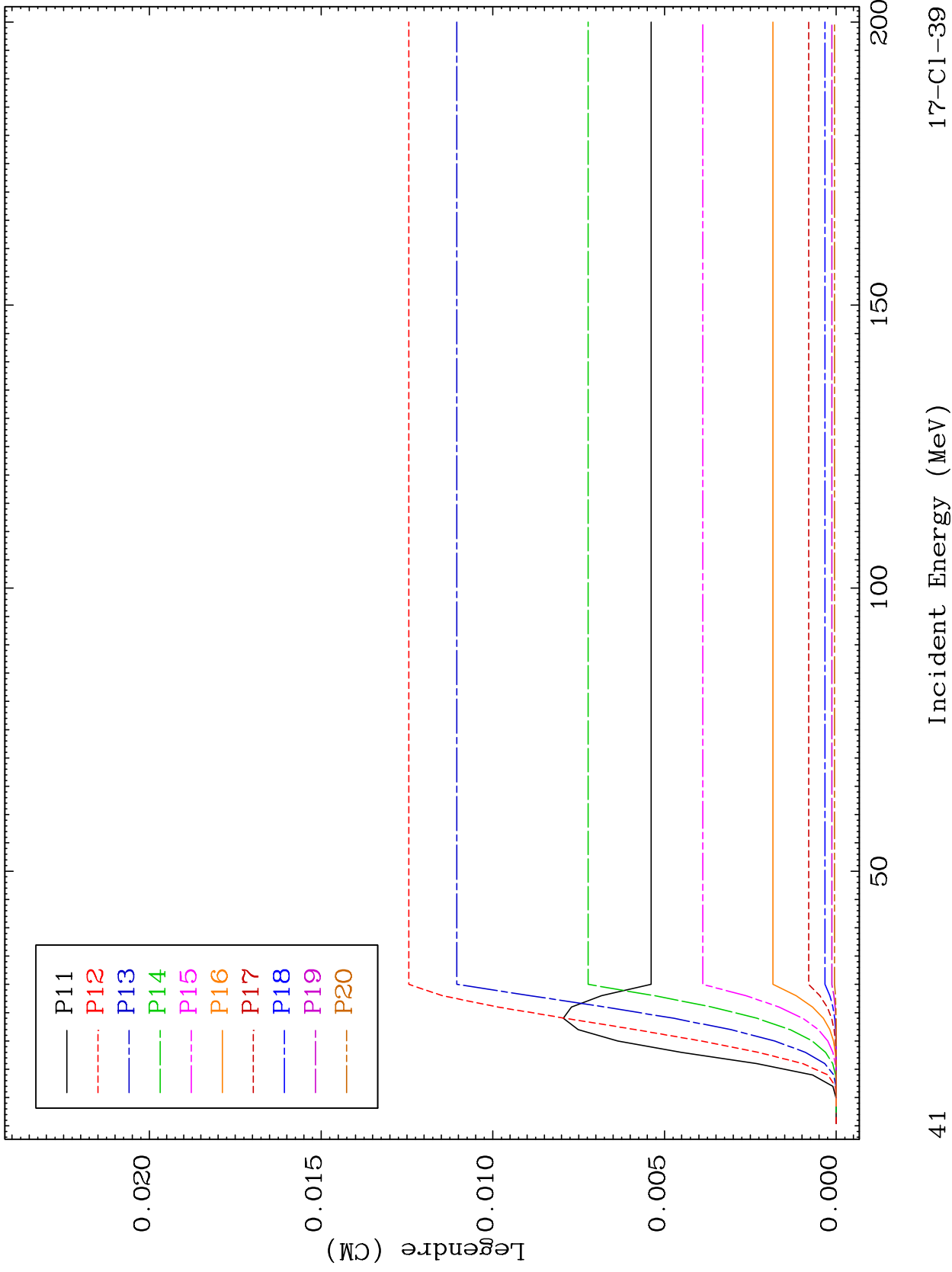
MAT 1737

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

17-Cl-39



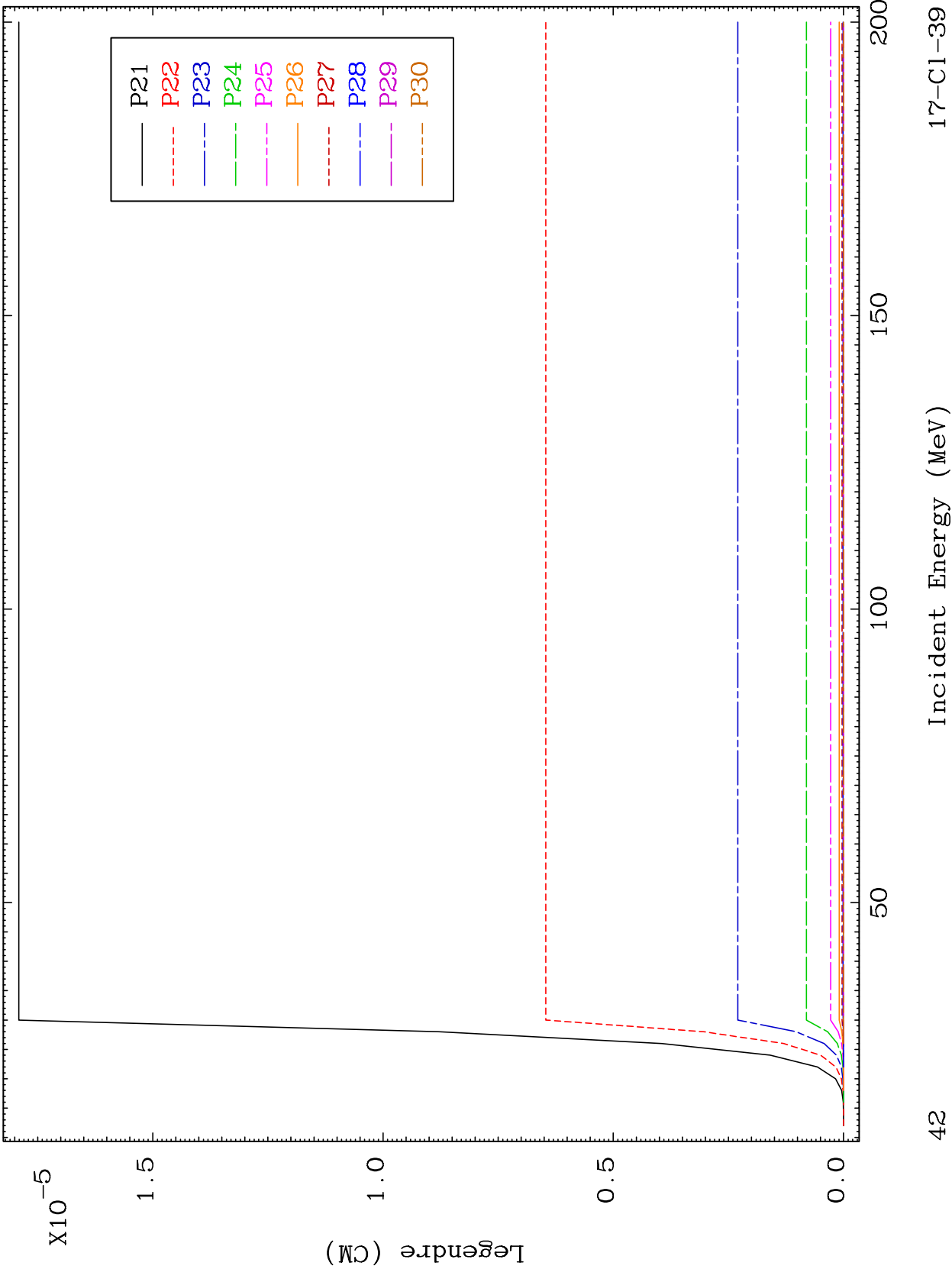
17-Cl-39



MAT 1737

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

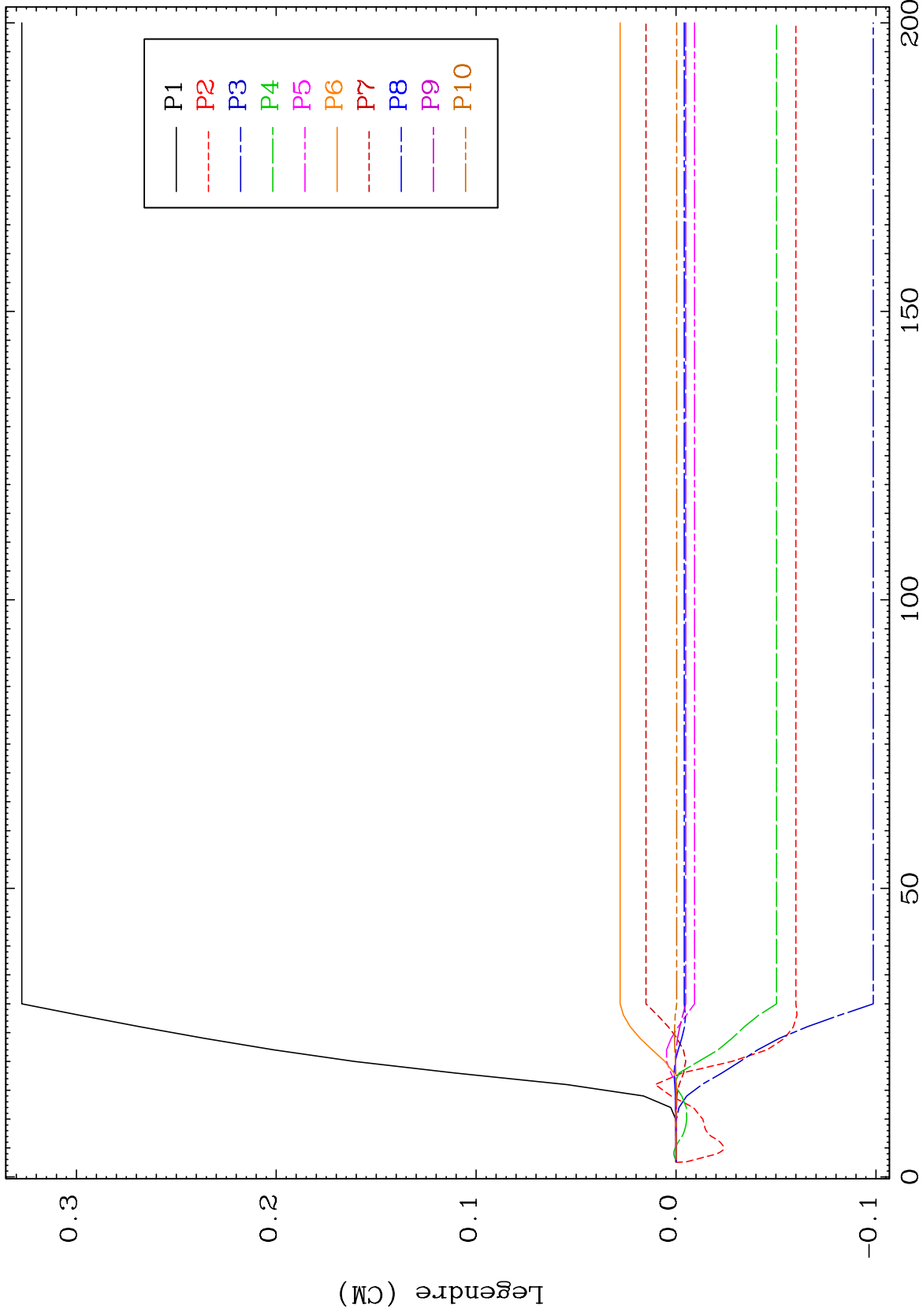
17-C1-39



MAT 1737

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

17-C1-39



43

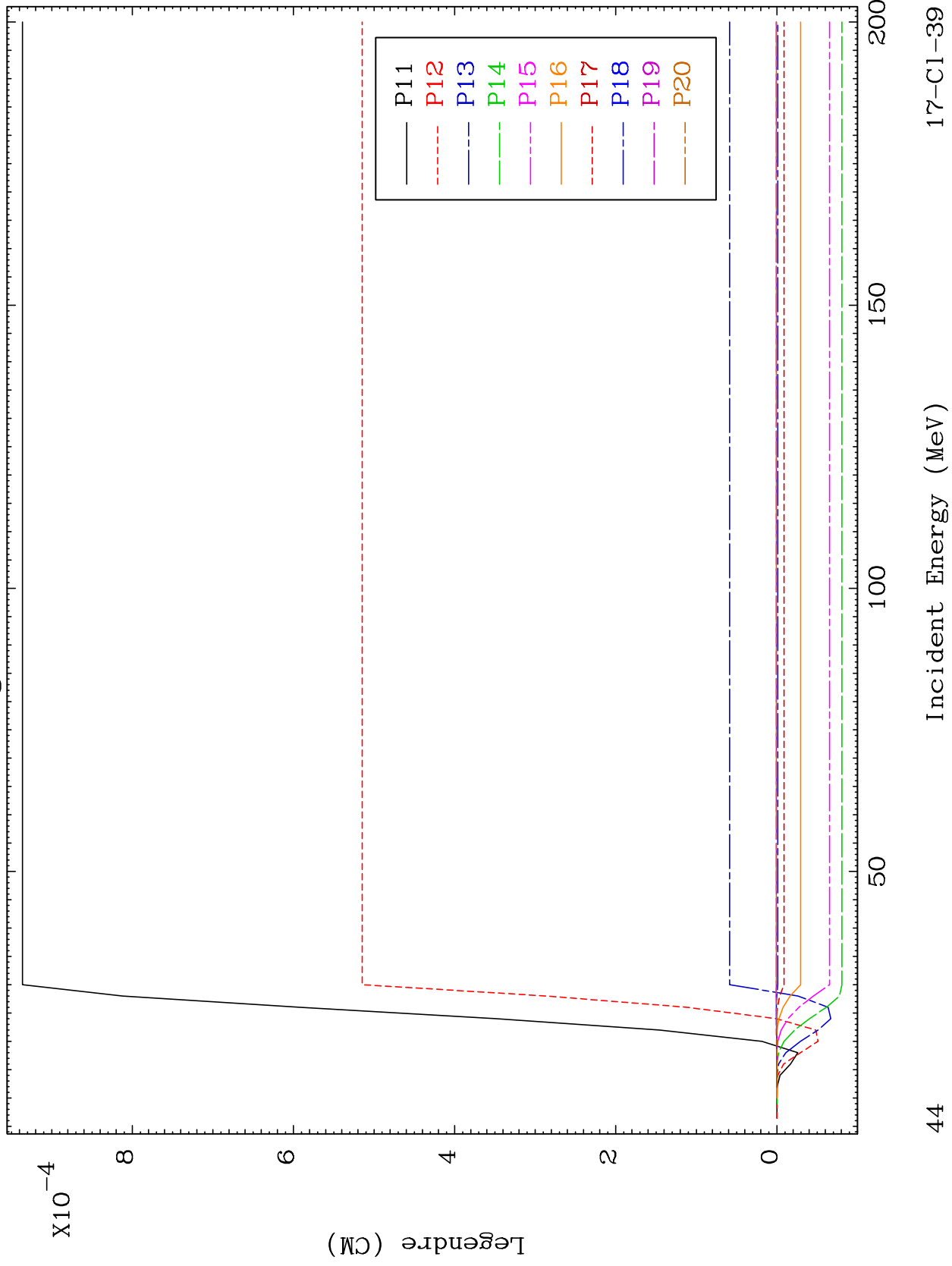
Incident Energy (MeV)

17-C1-39

MAT 1737

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

17-Cl-39



44

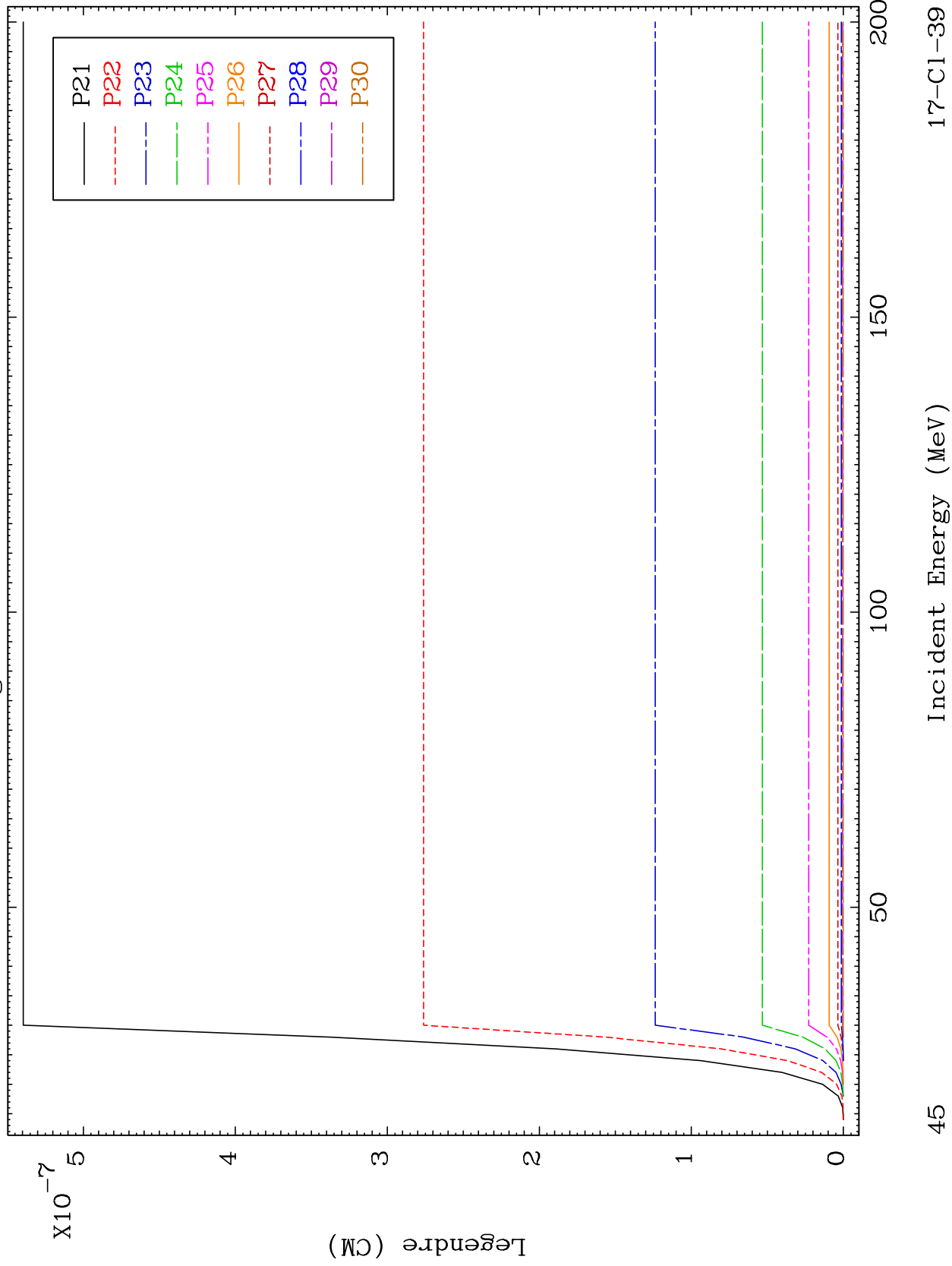
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

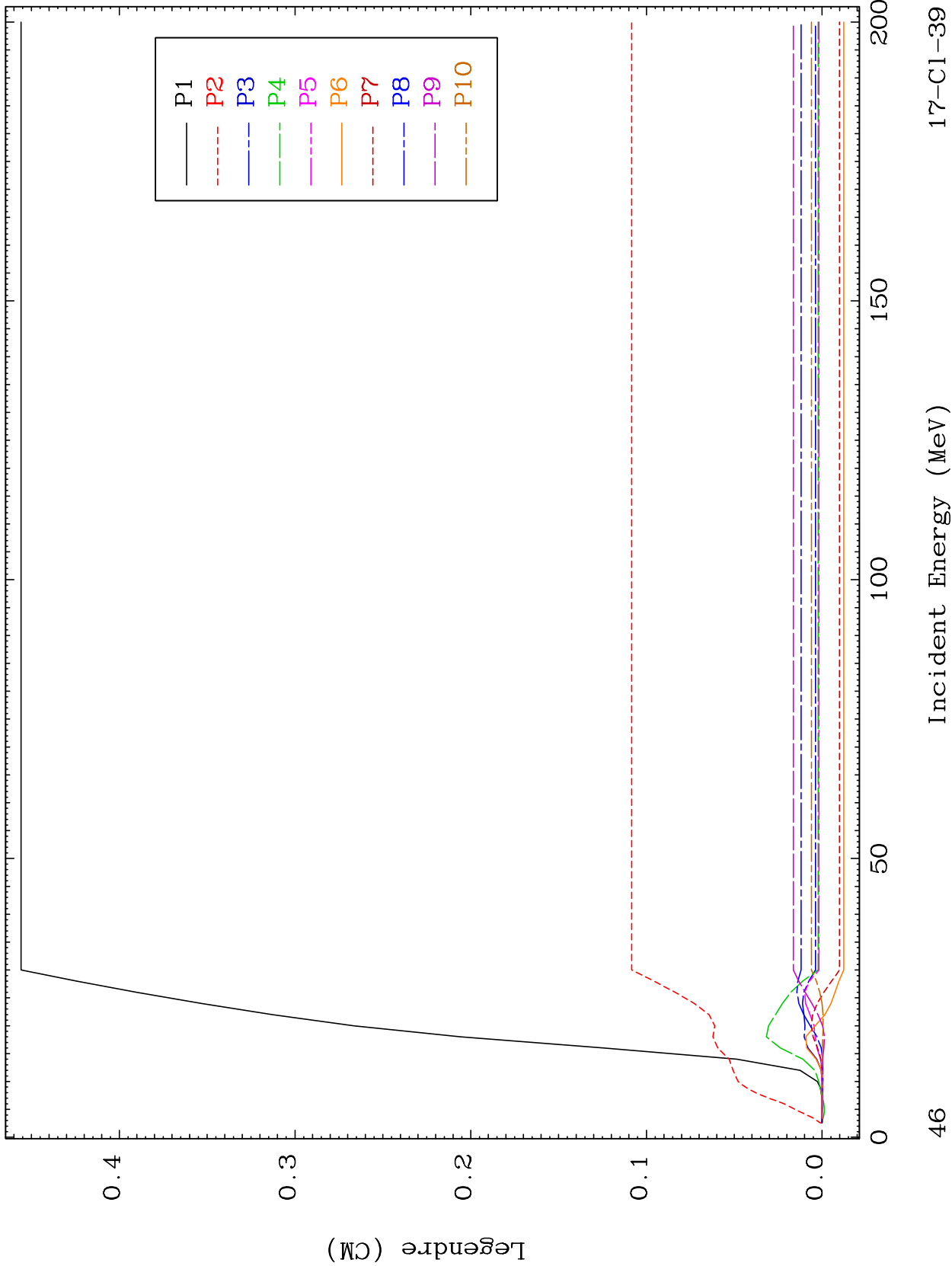
17-Cl-39



MAT 1737

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

17-Cl-39



46

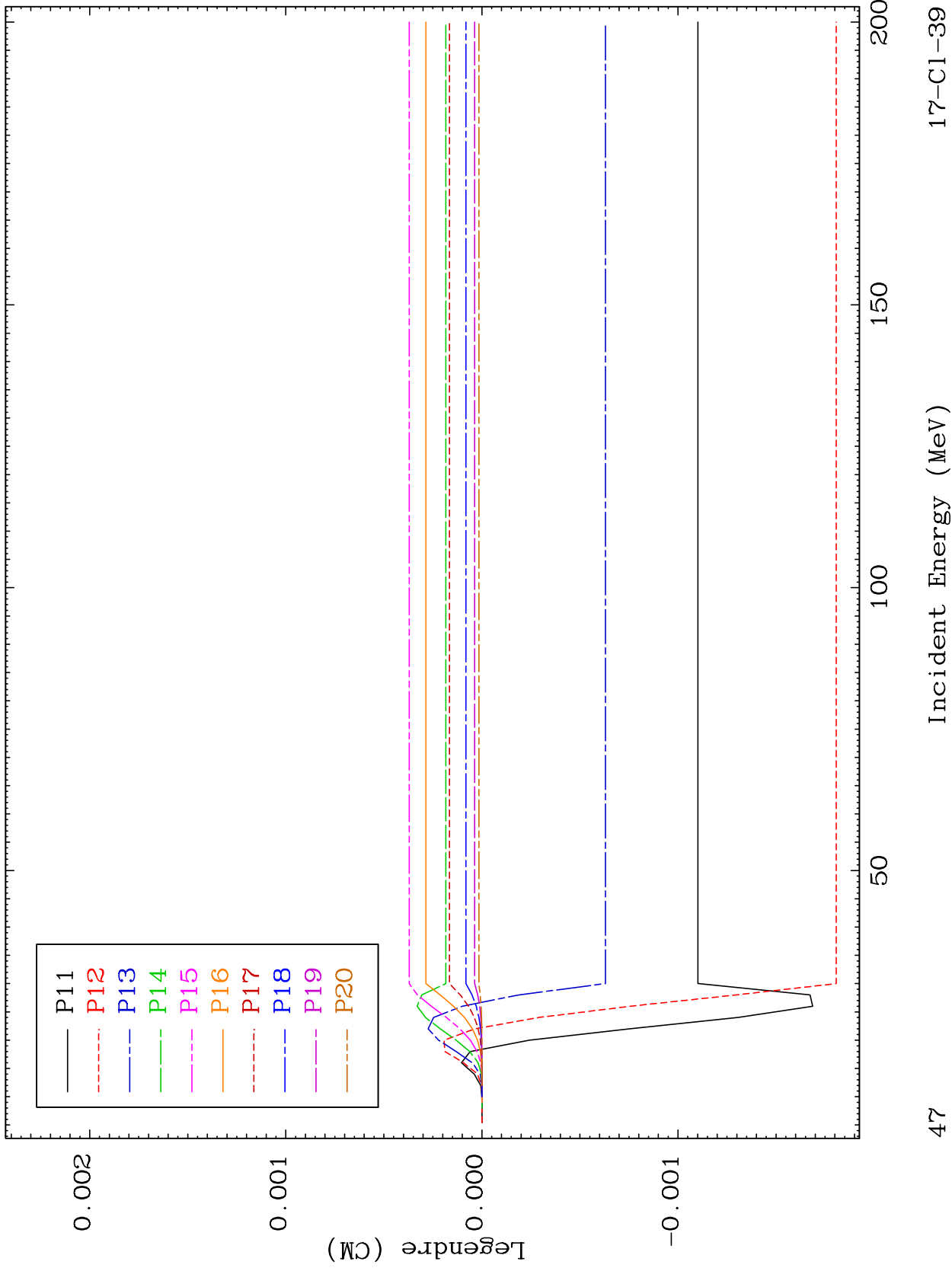
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

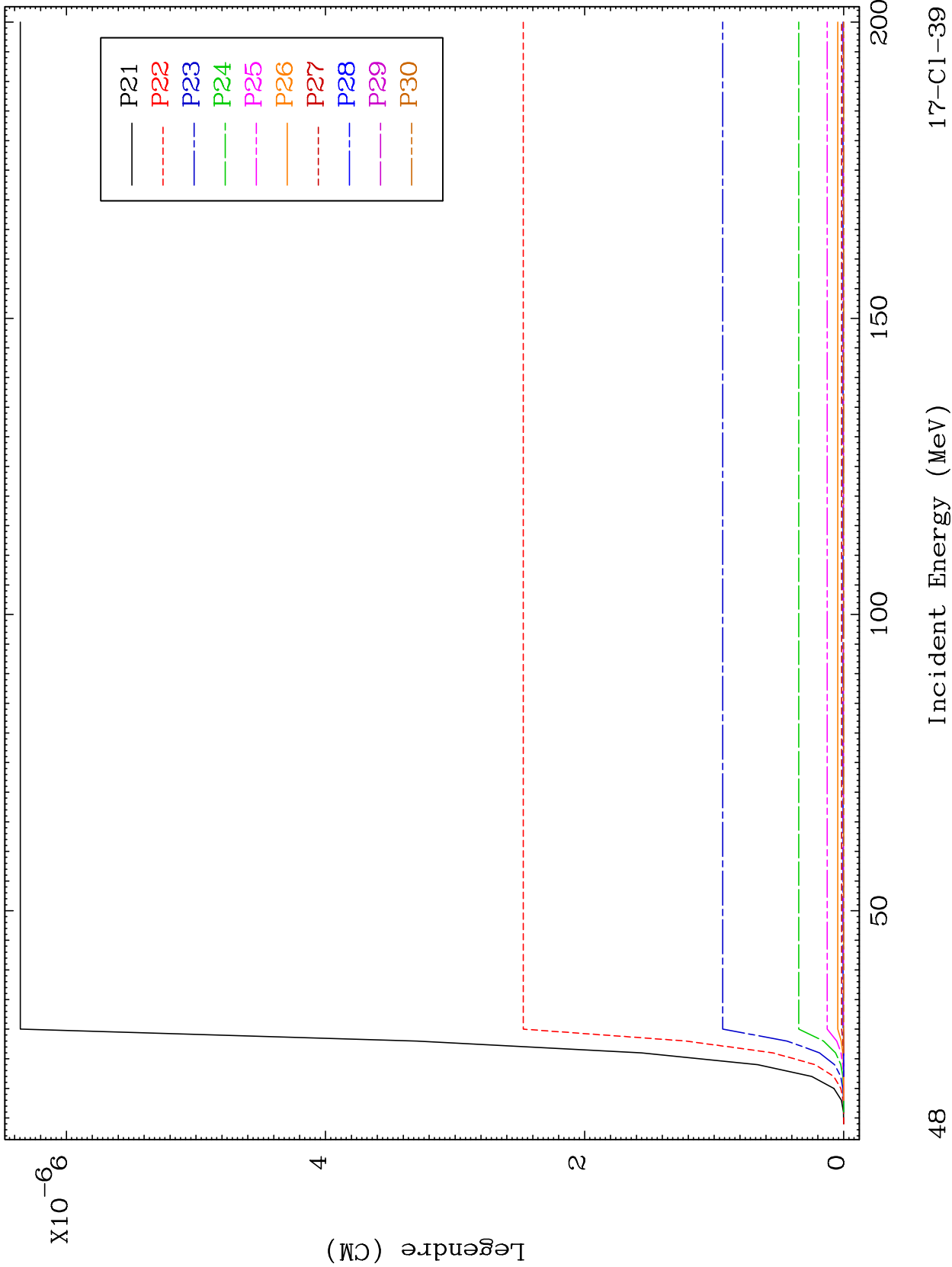
17-Cl-39



MAT 1737

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

17-Cl-39



48

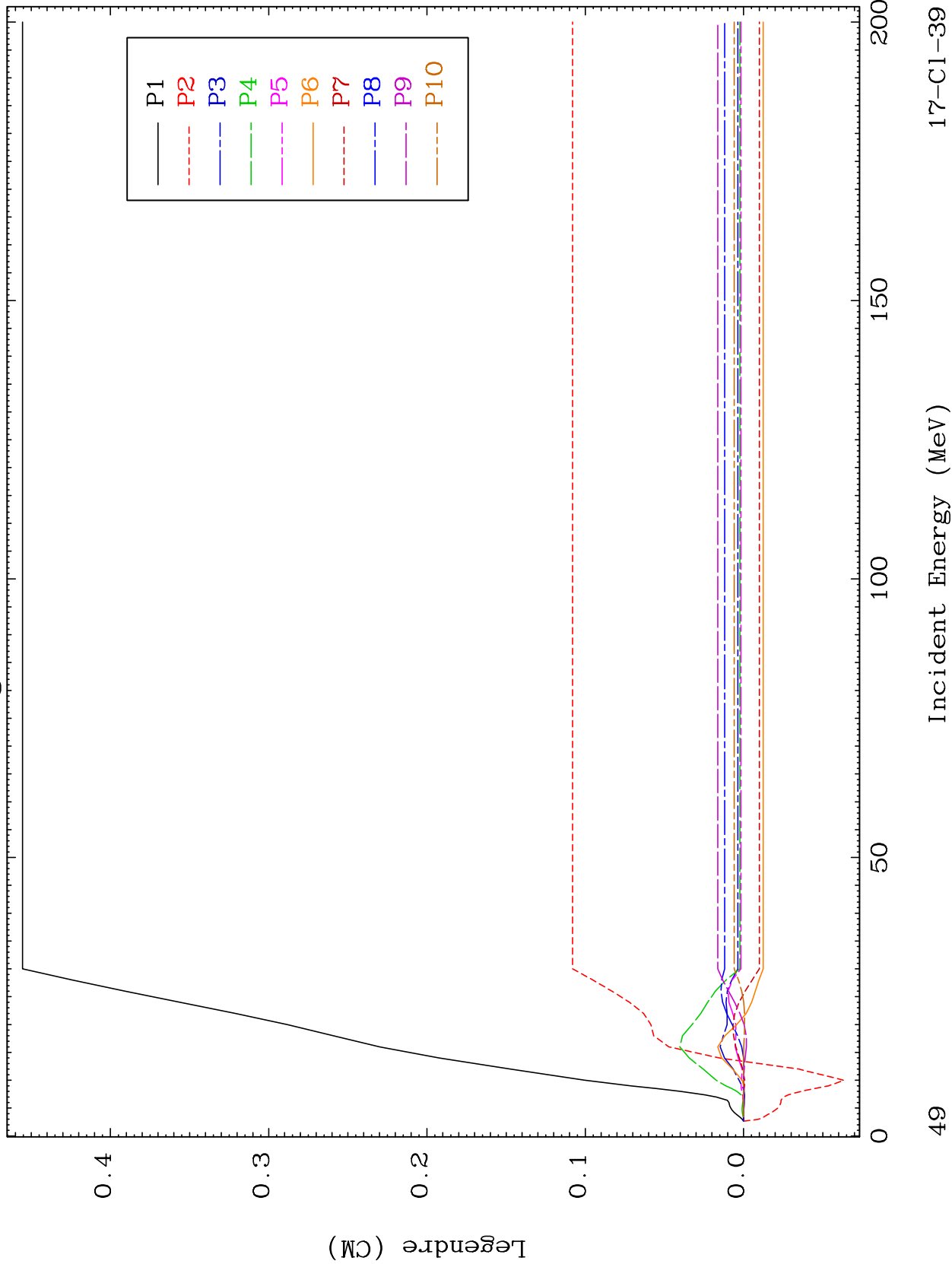
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

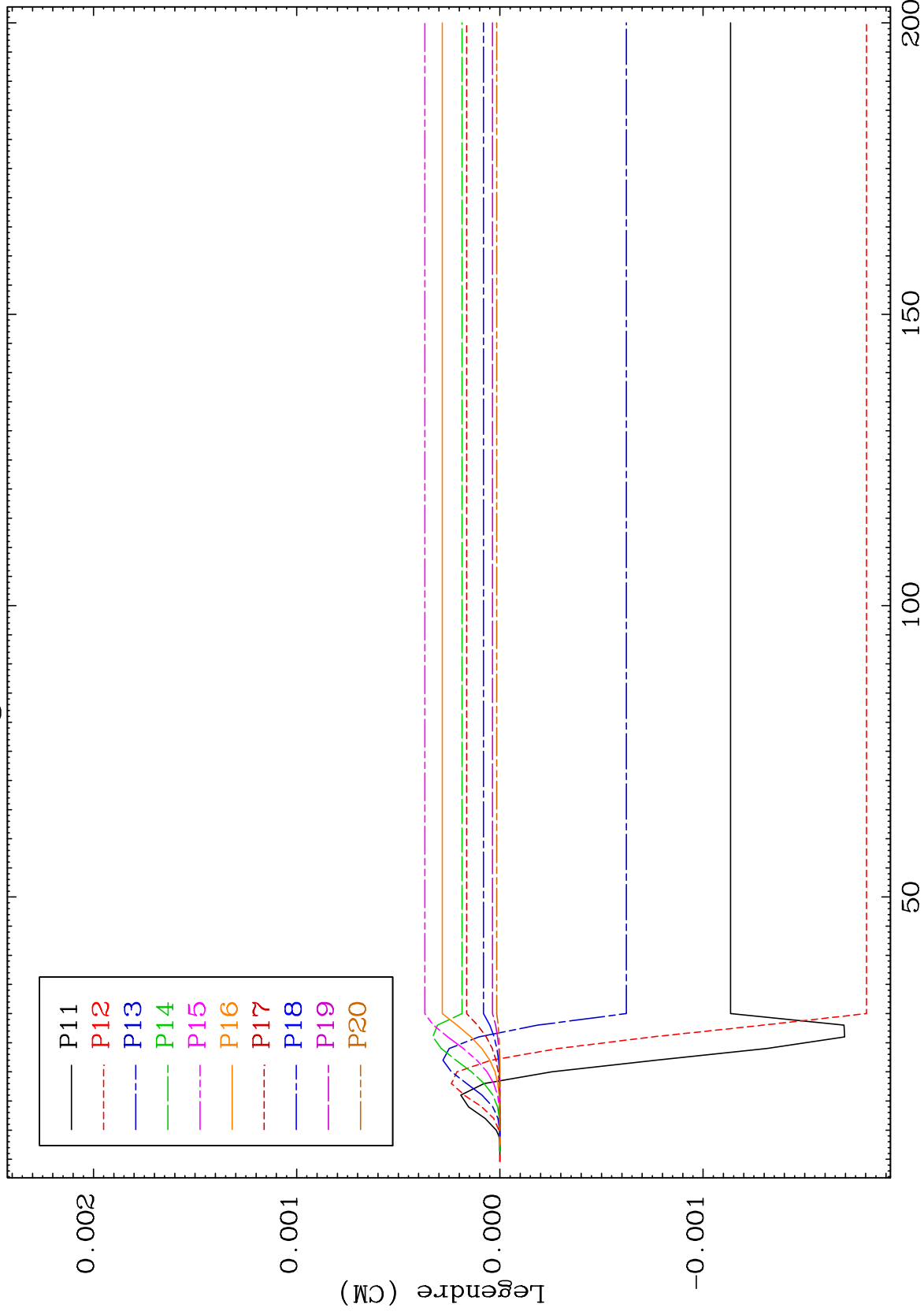
17-Cl-39



MAT 1737

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

17-Cl-39



50

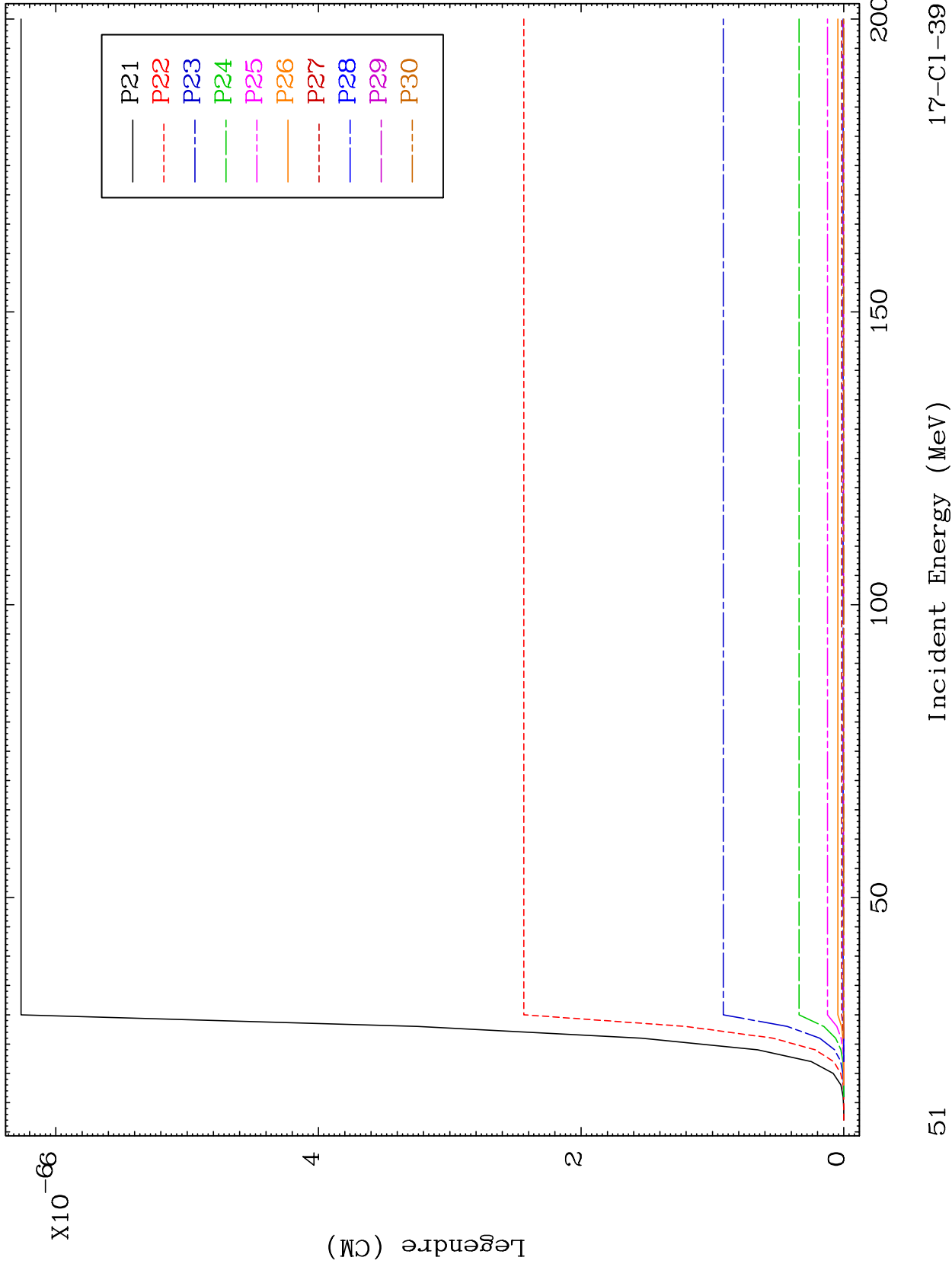
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

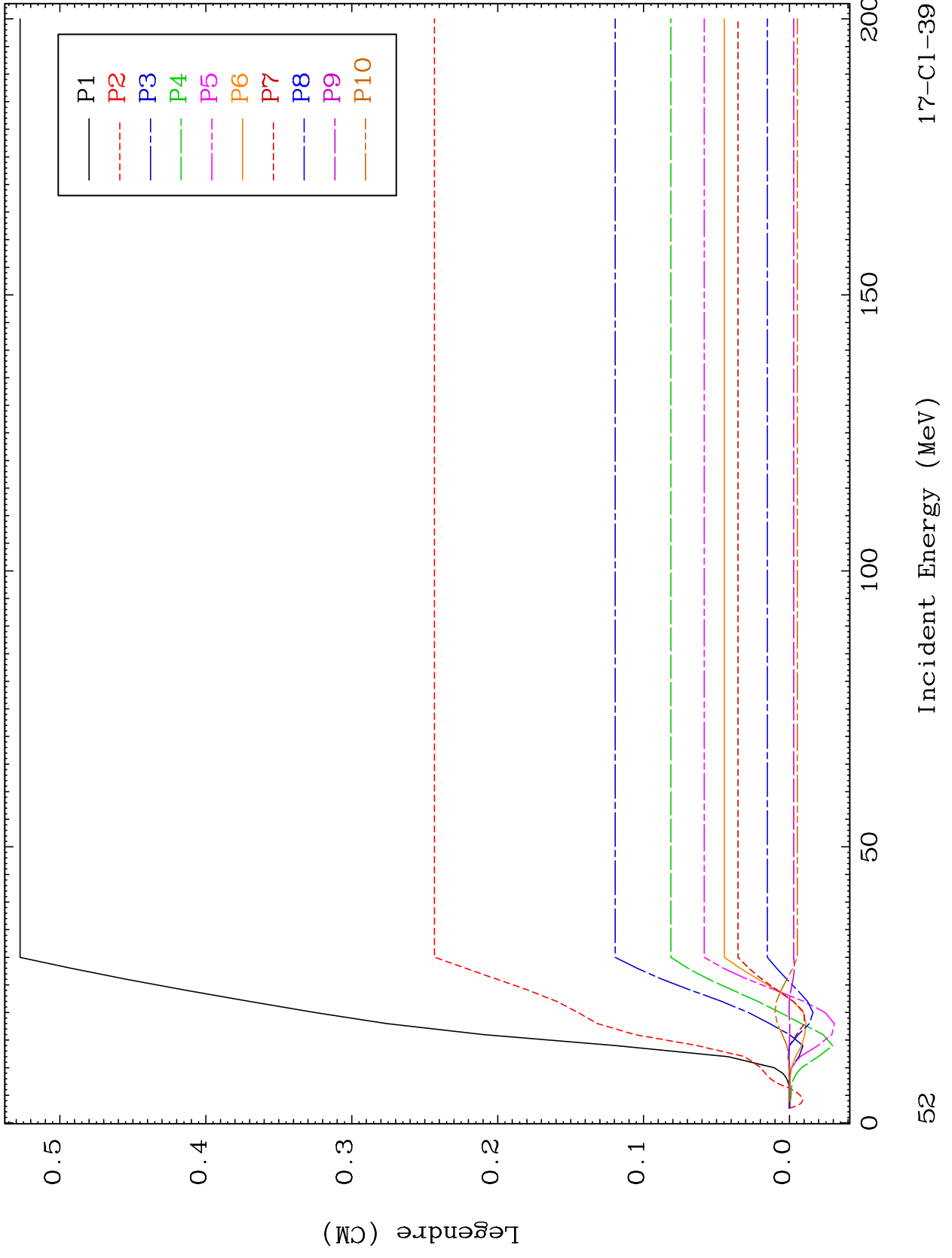
17-Cl-39



MAT 1737

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

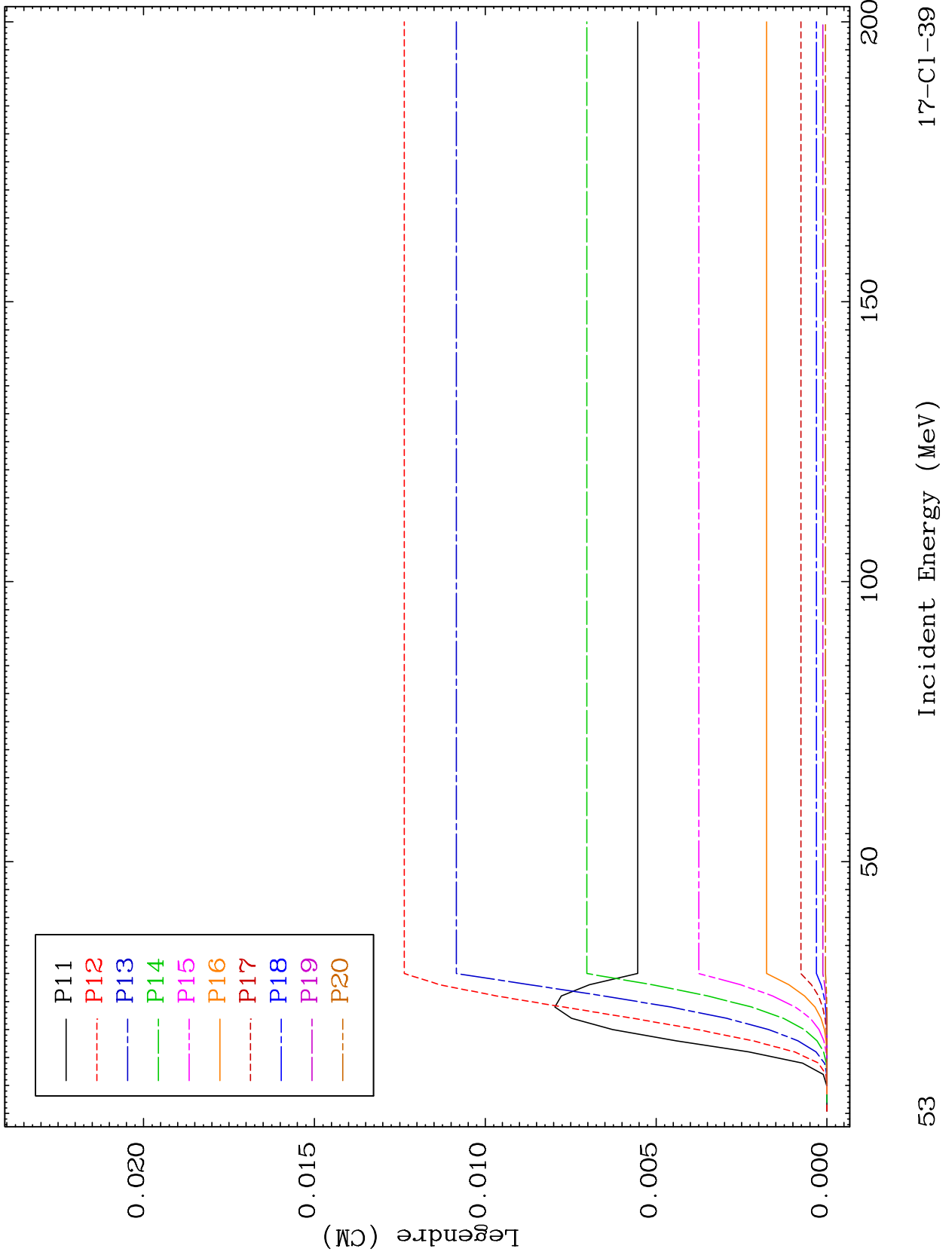
17-Cl-39



52

Incident Energy (MeV)

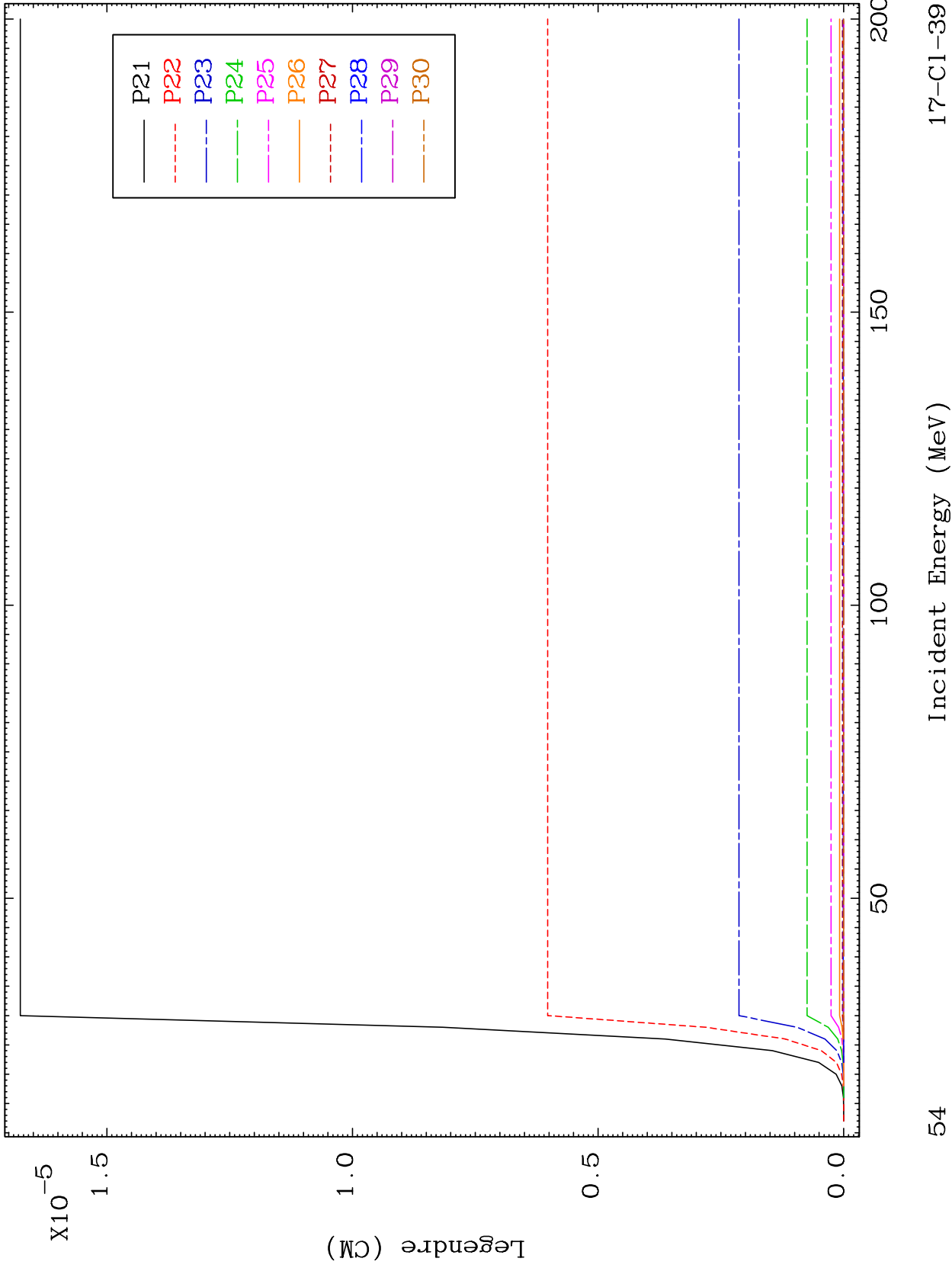
17-Cl-39



MAT 1737

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

17-Cl-39



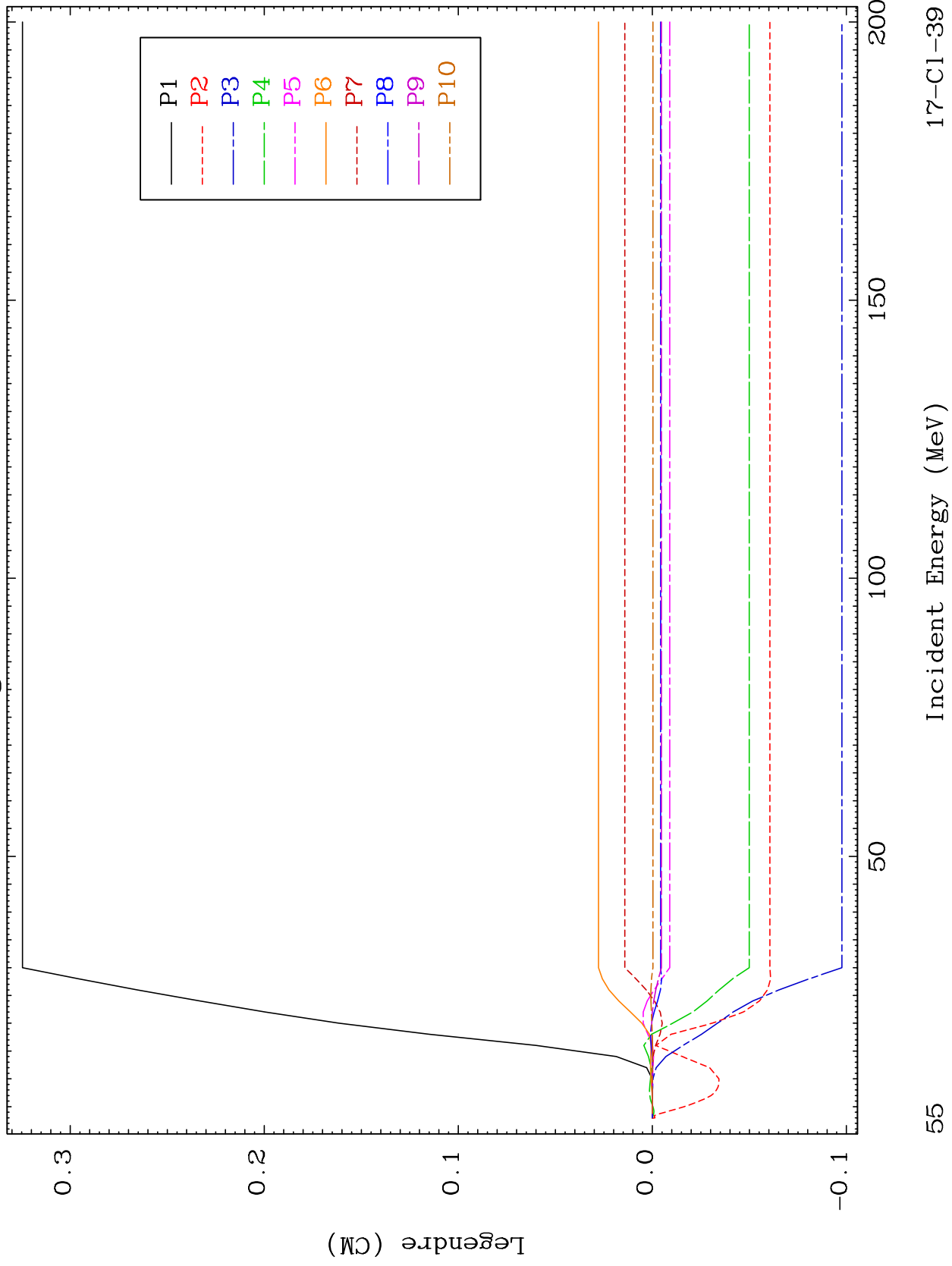
54

17-Cl-39

MAT 1737

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

17-Cl-39



55

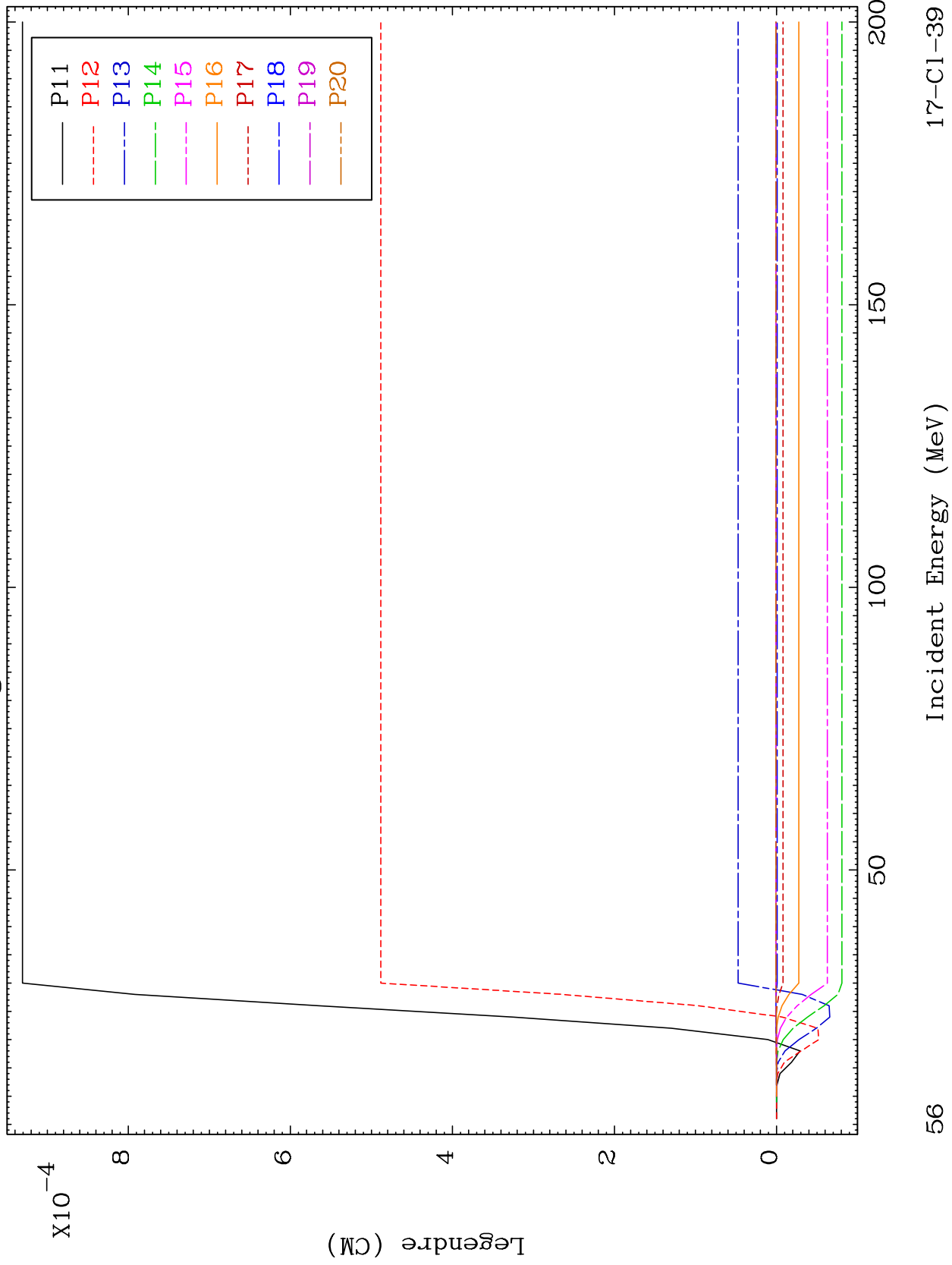
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



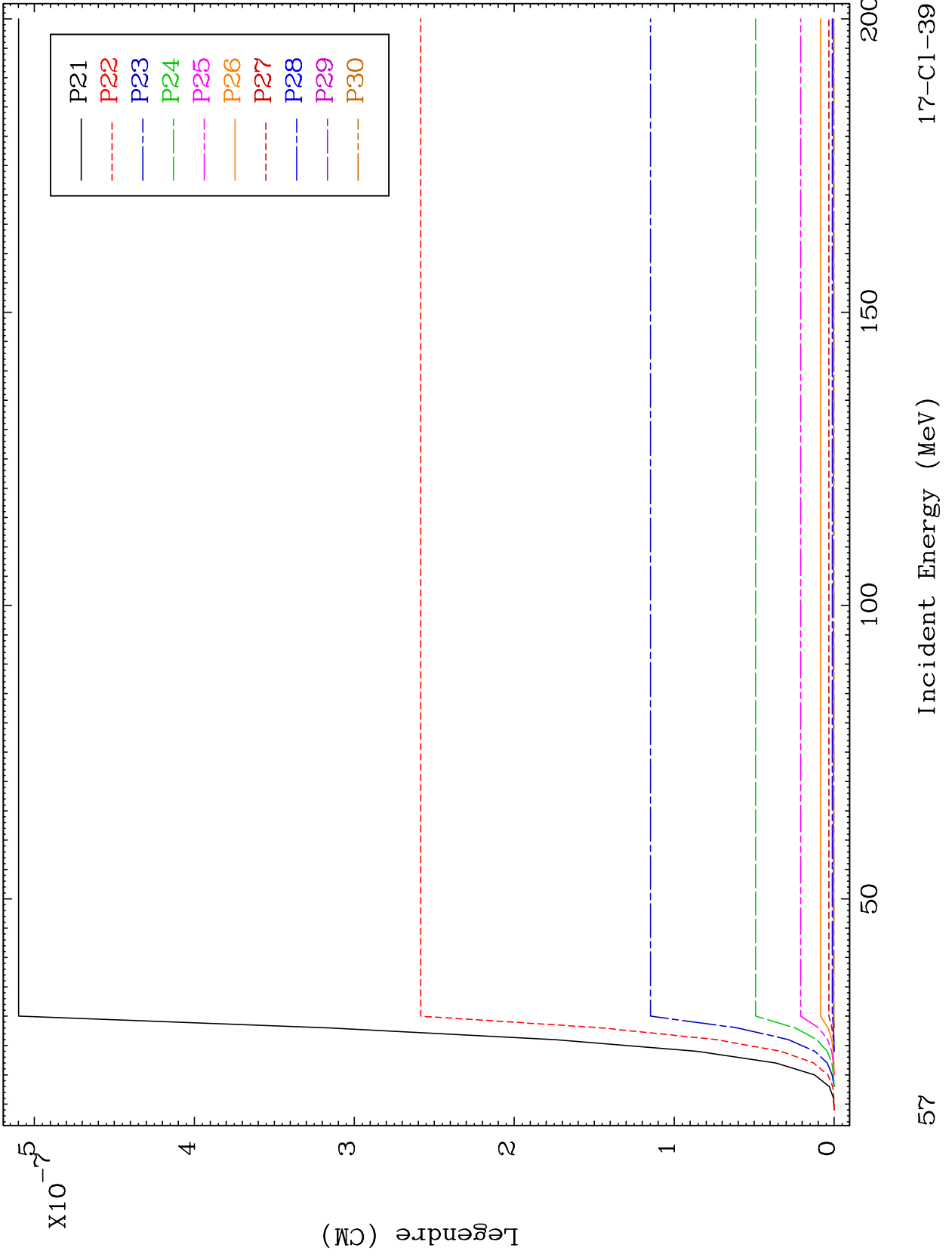
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17-Cl-39

MAT 1737

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

17-Cl-39



57

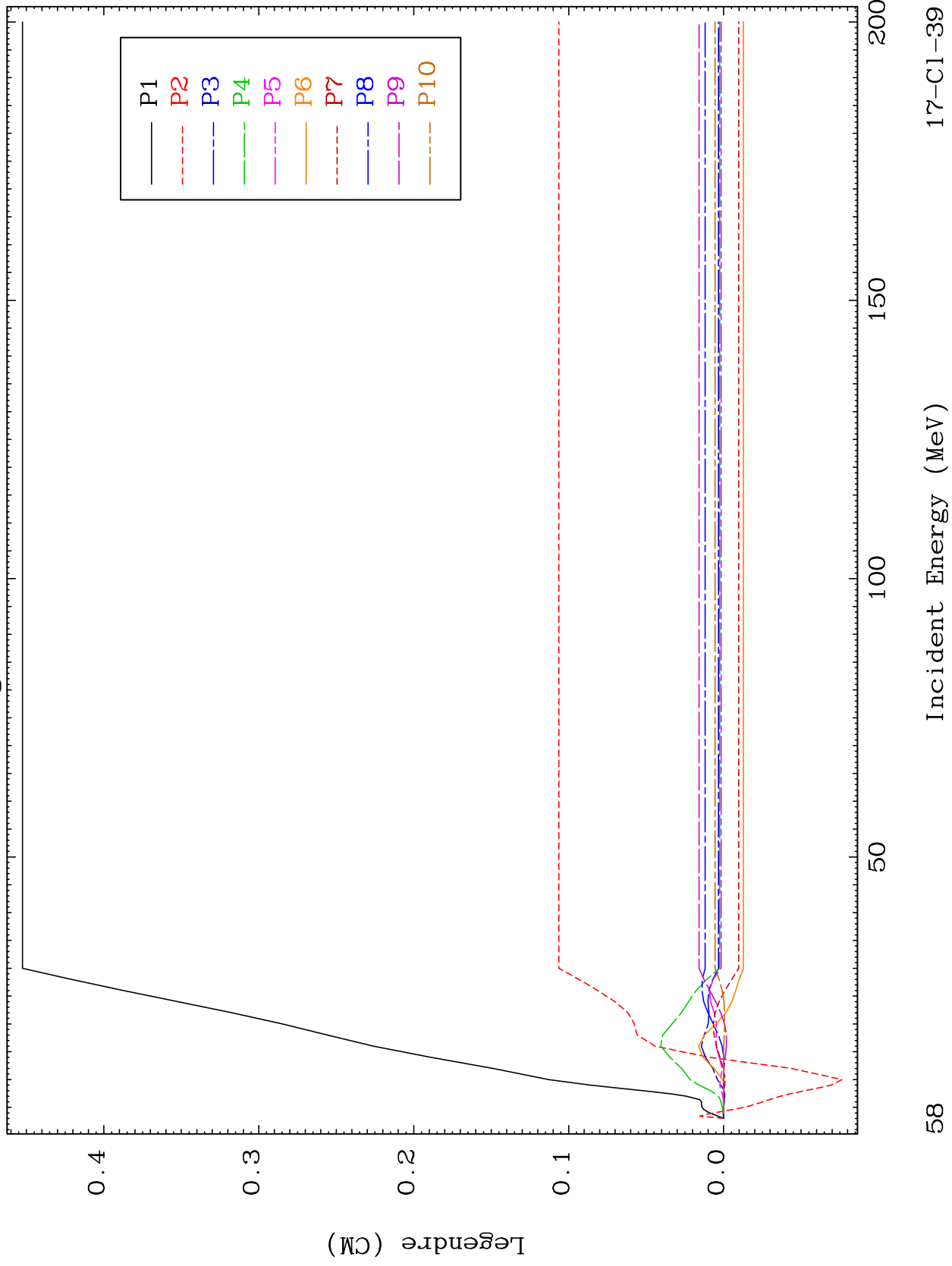
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

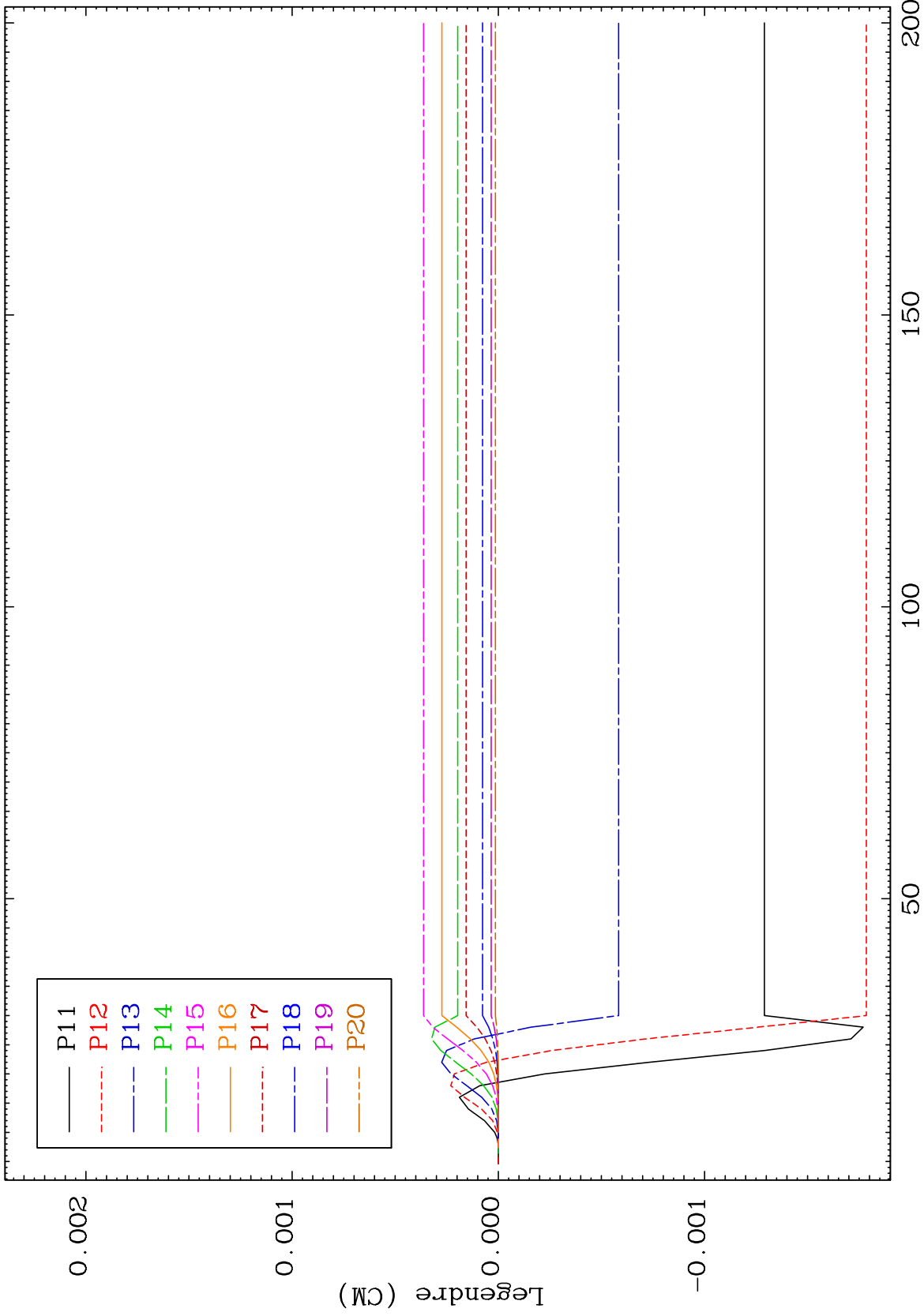
17-Cl-39



17-Cl-39

Incident Energy (MeV)

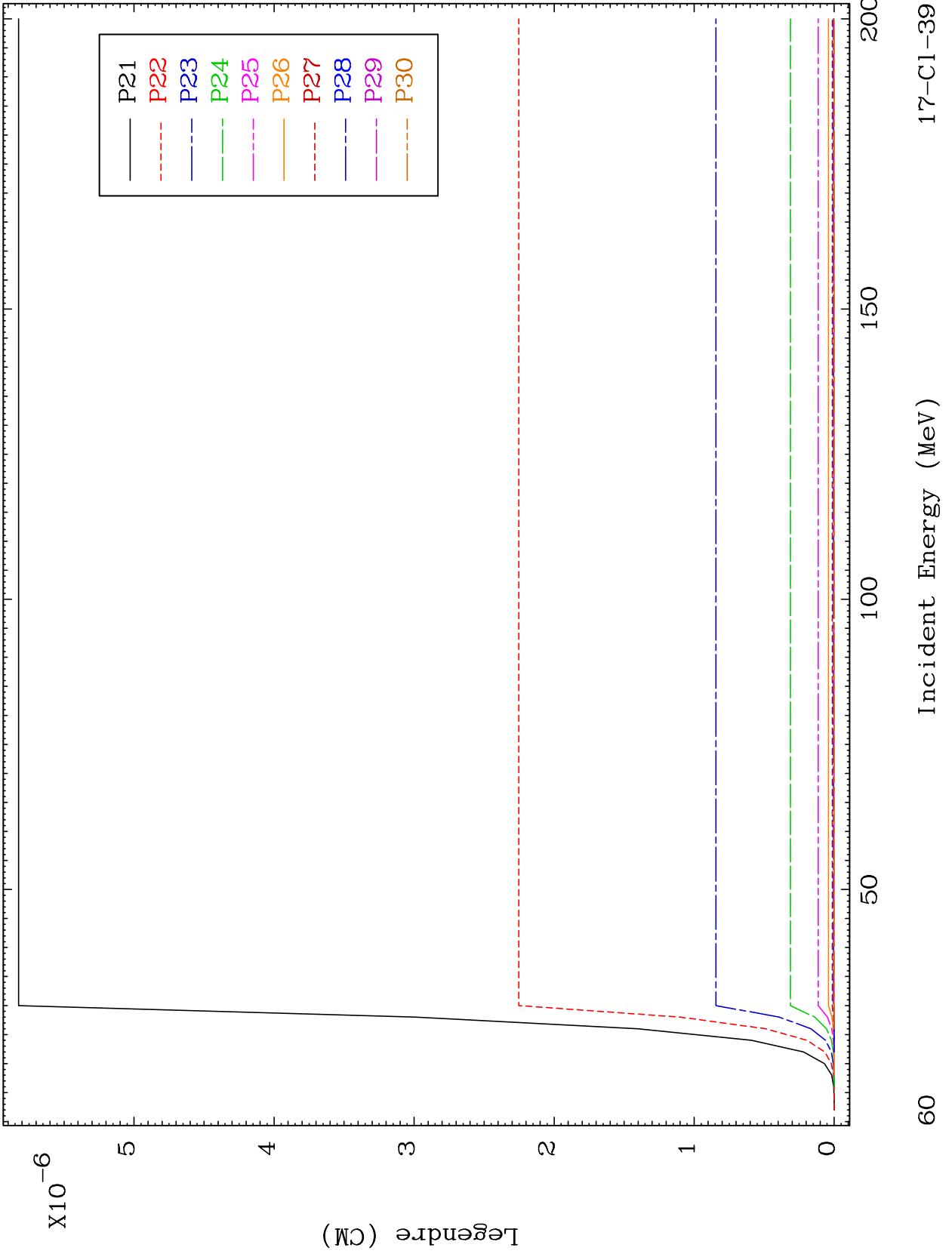
58

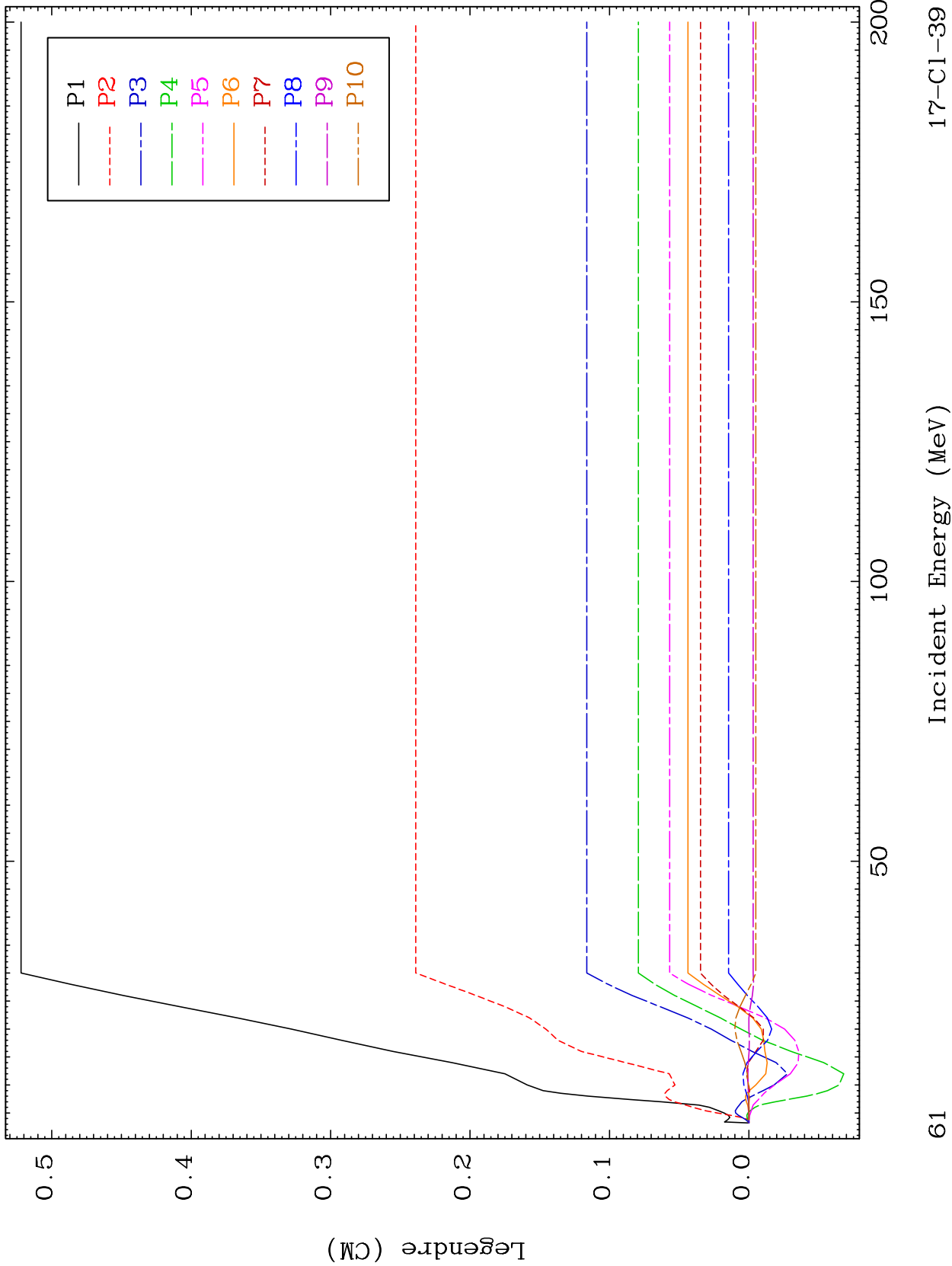


MAT 1737

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

17-Cl-39

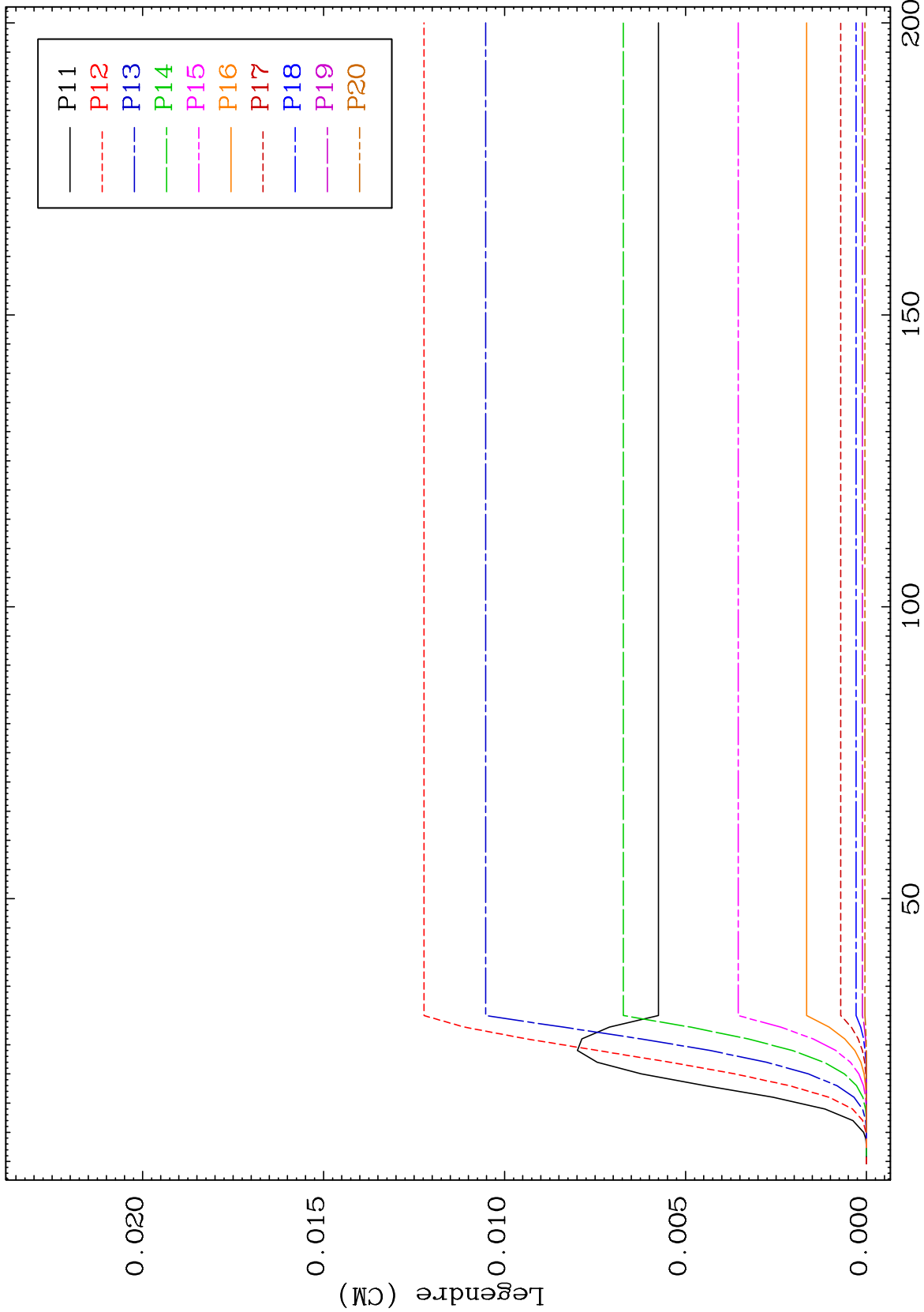




MAT 1737

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

17-Cl-39



62

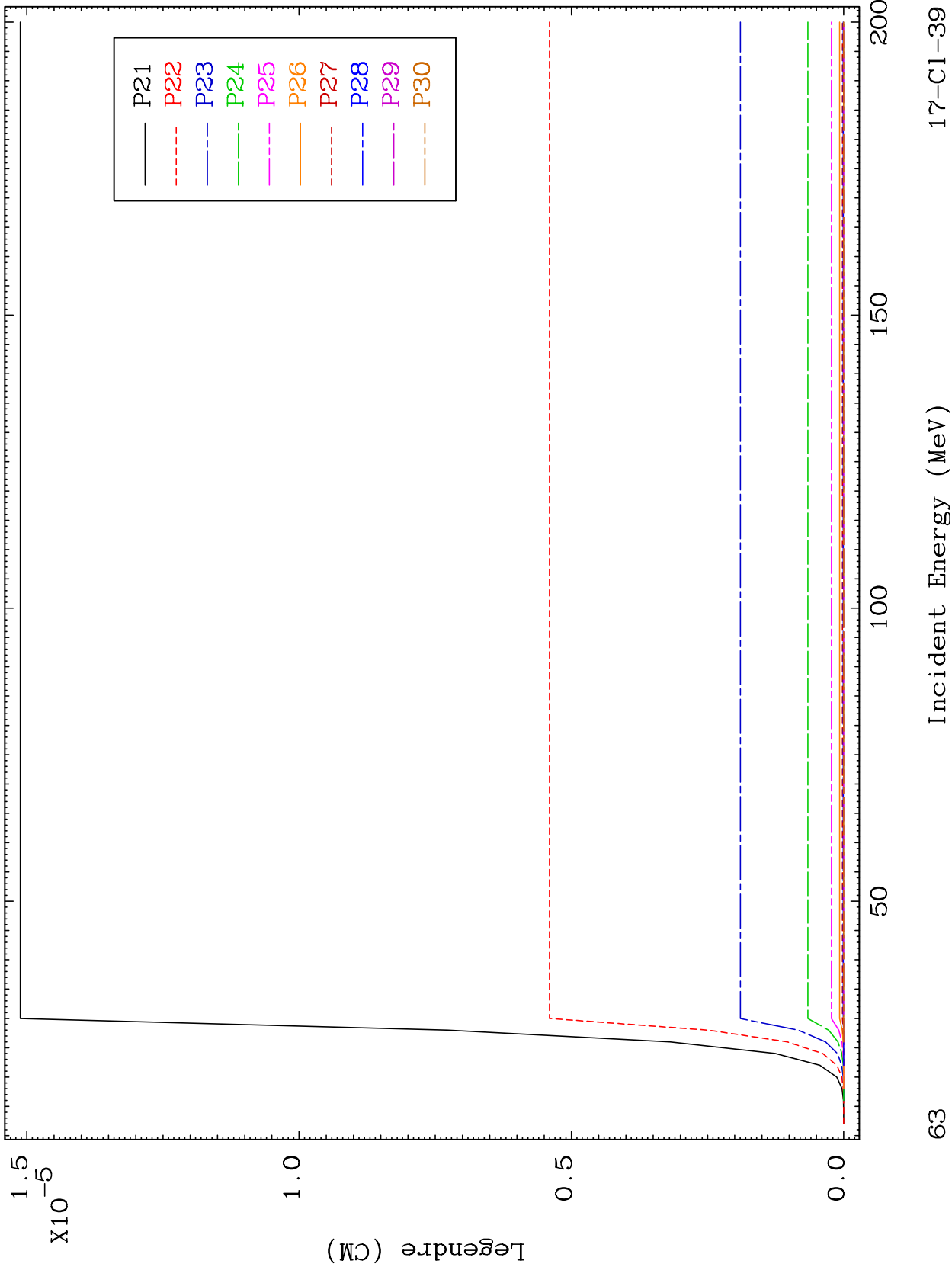
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39

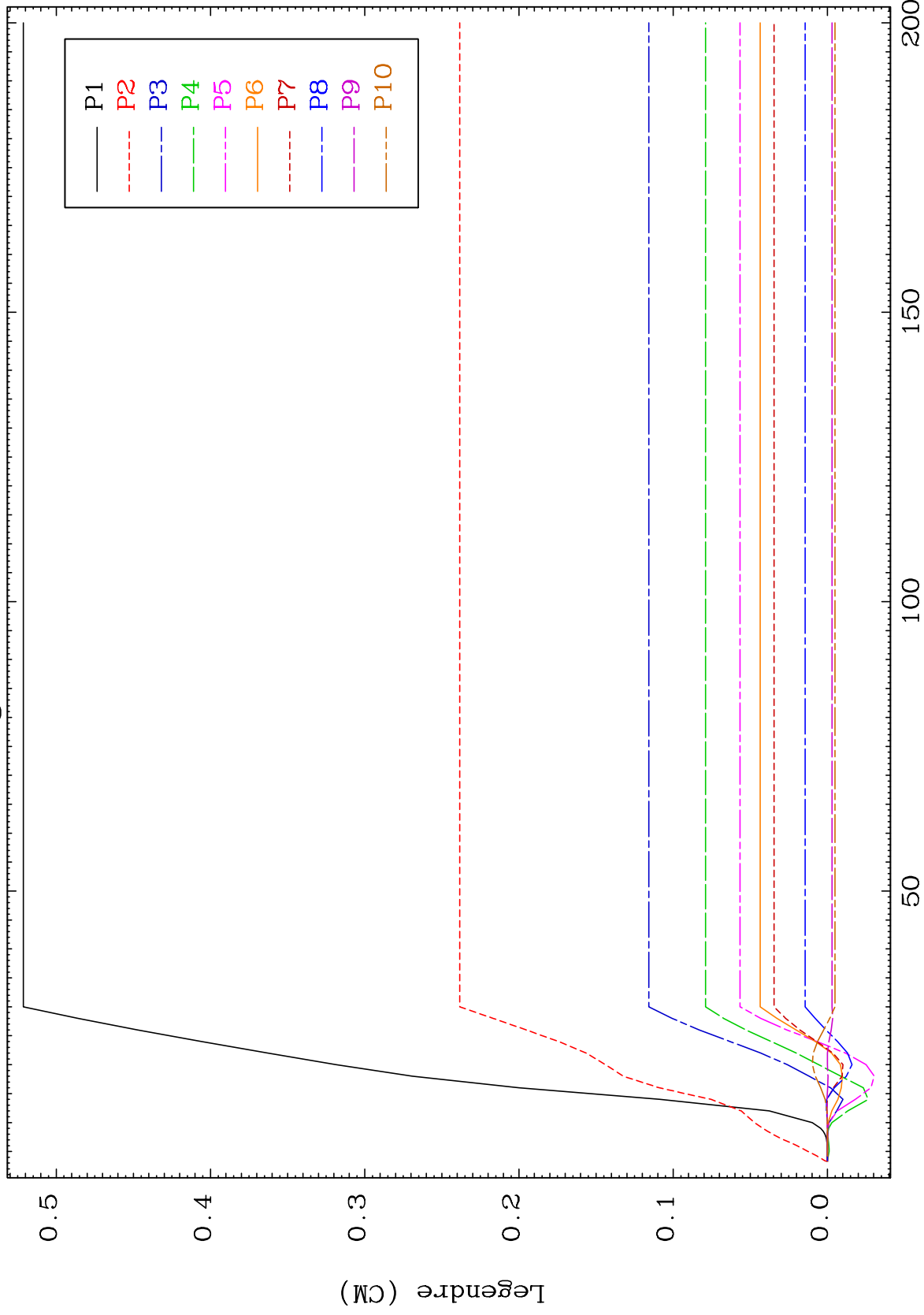


63

MAT 1737

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

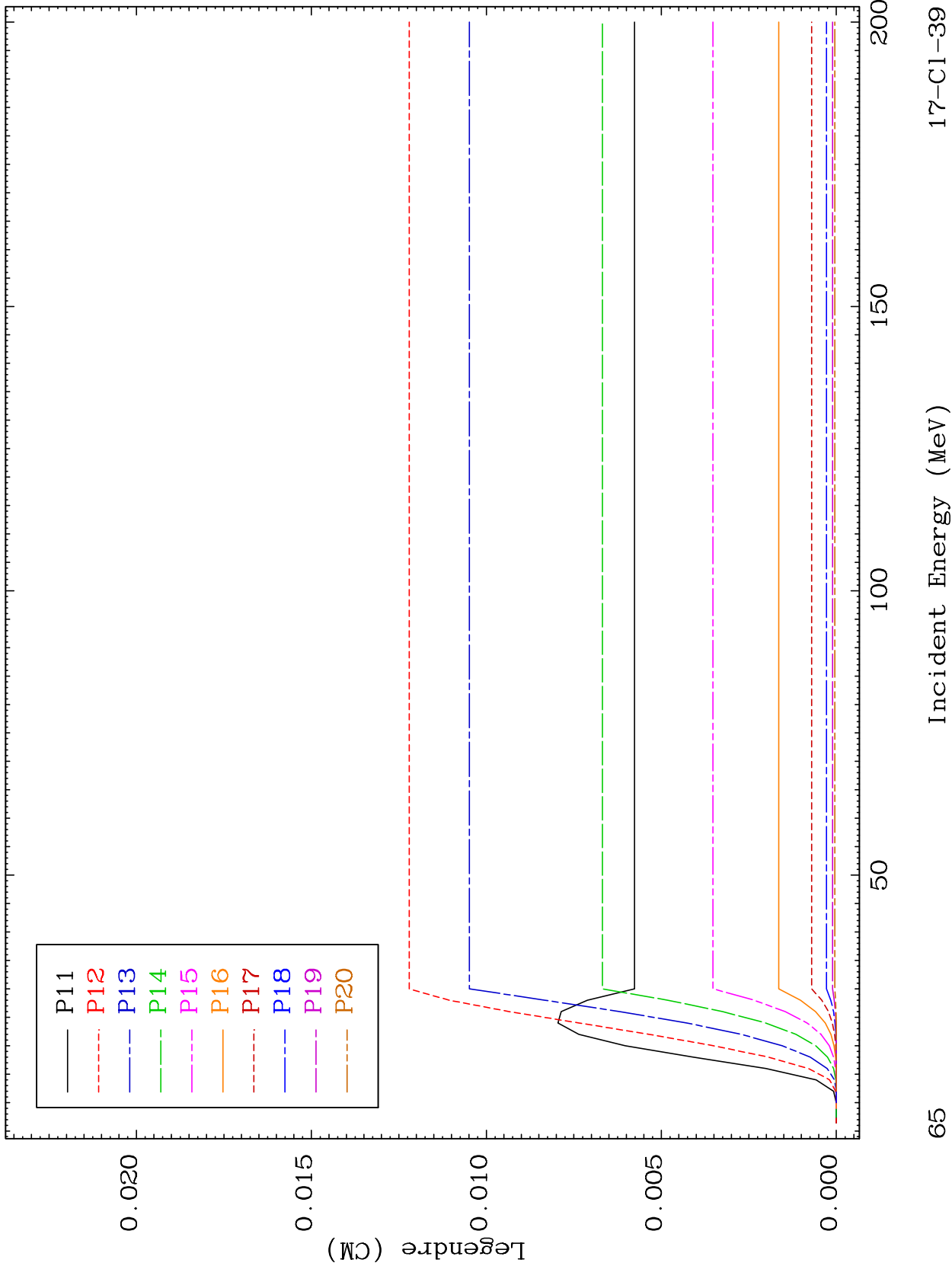
17-Cl-39



64

Incident Energy (MeV)

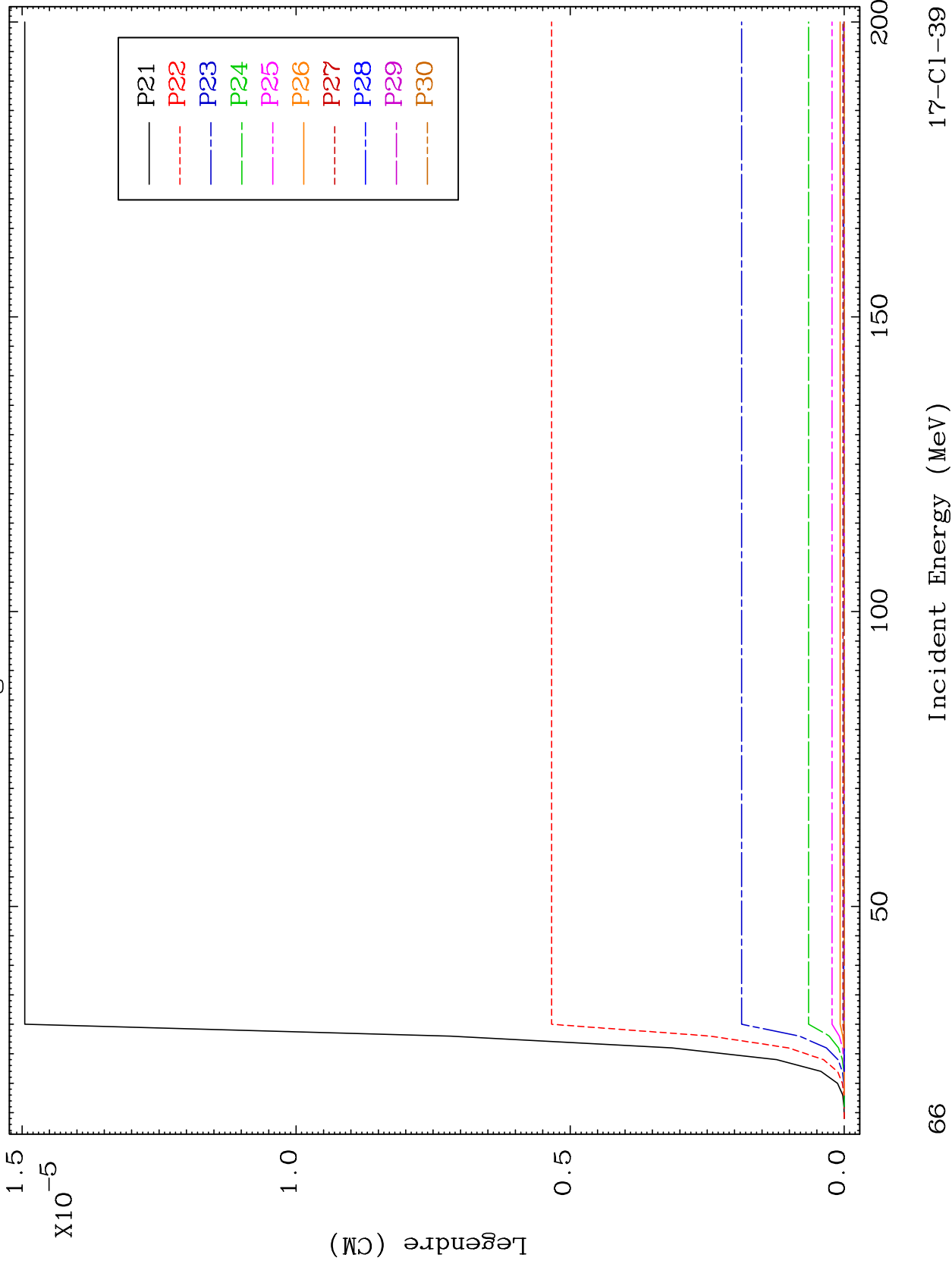
17-Cl-39



MAT 1737

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

17-Cl-39



66

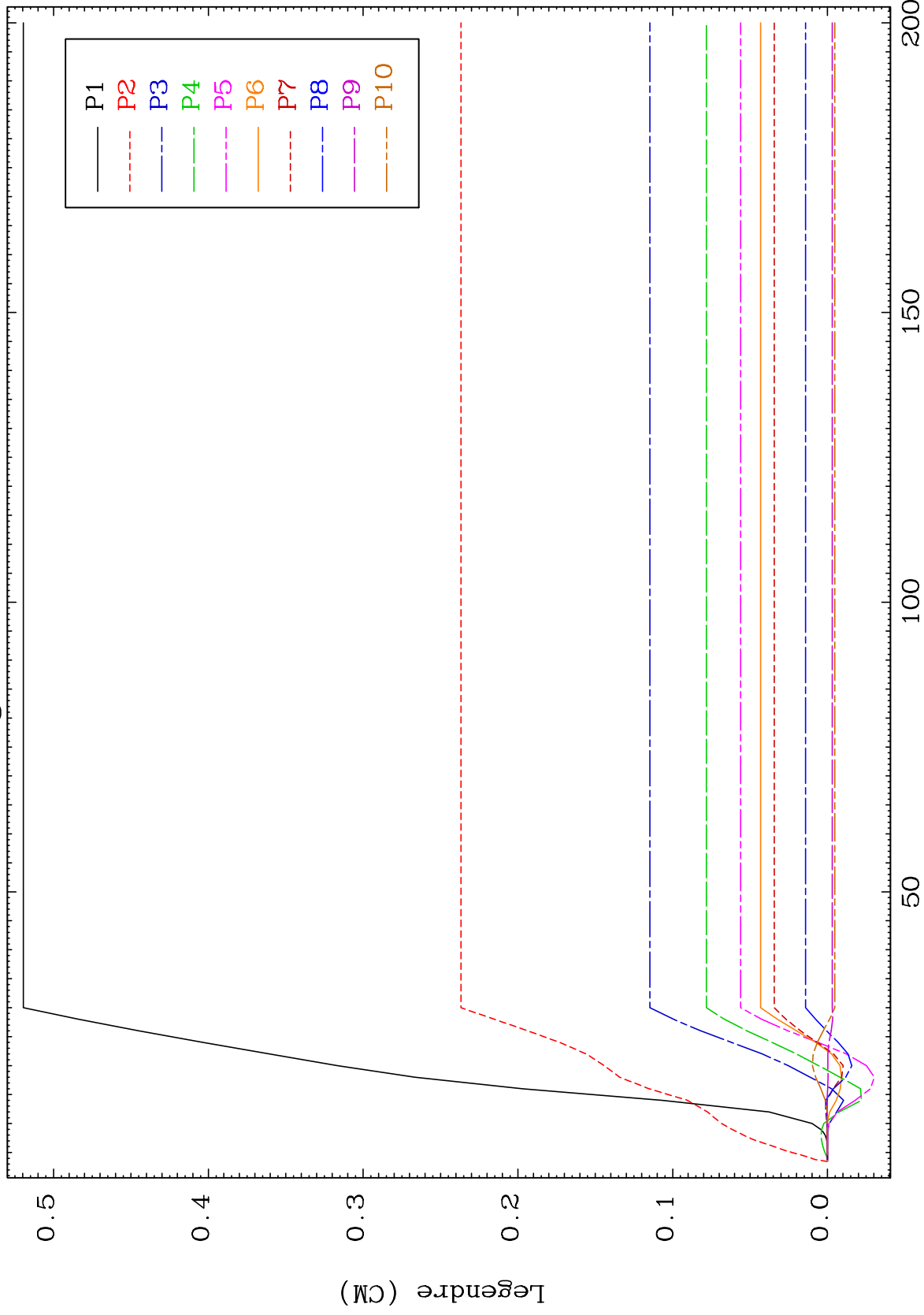
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

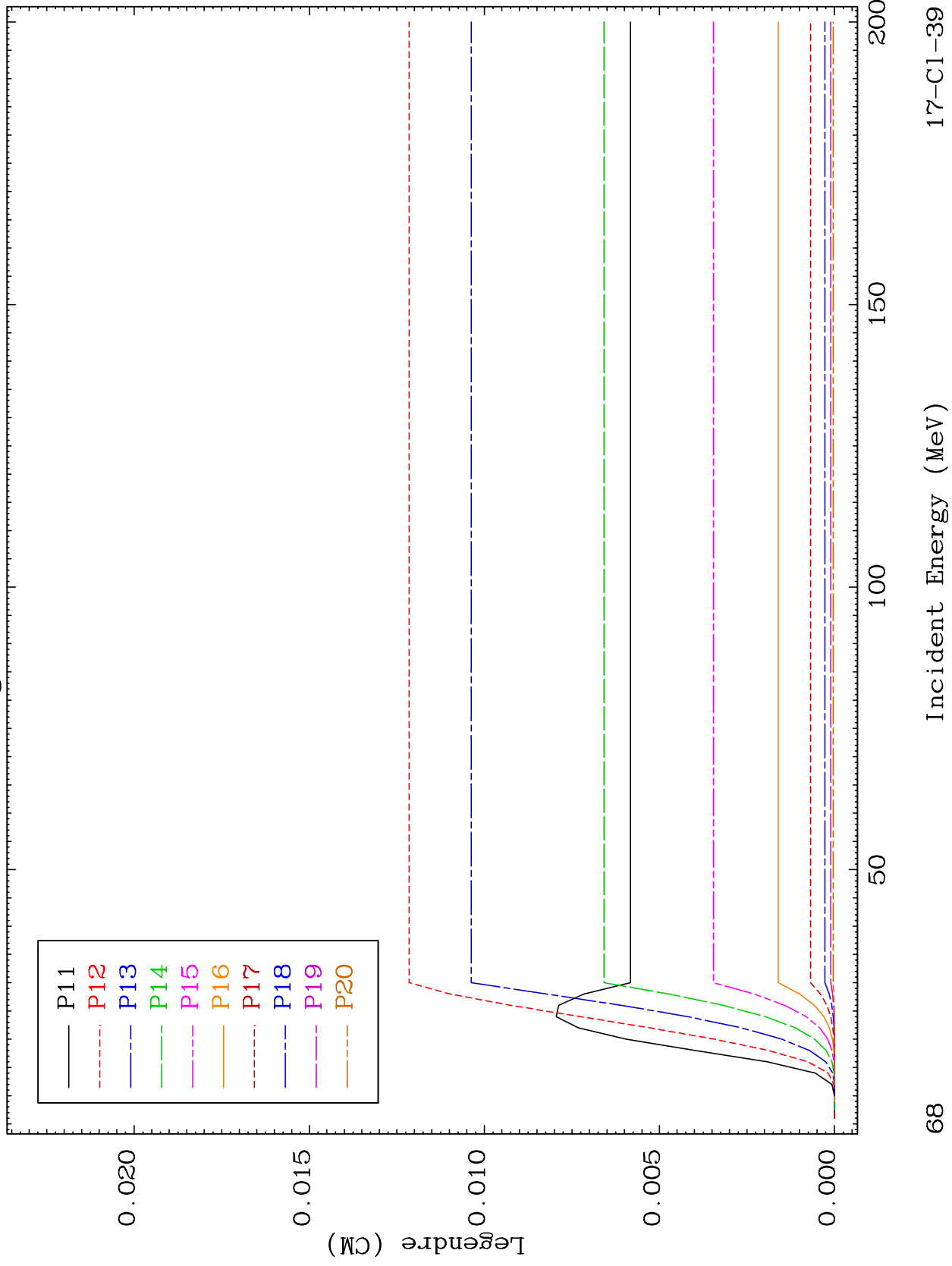
17-Cl-39



67

Incident Energy (MeV)

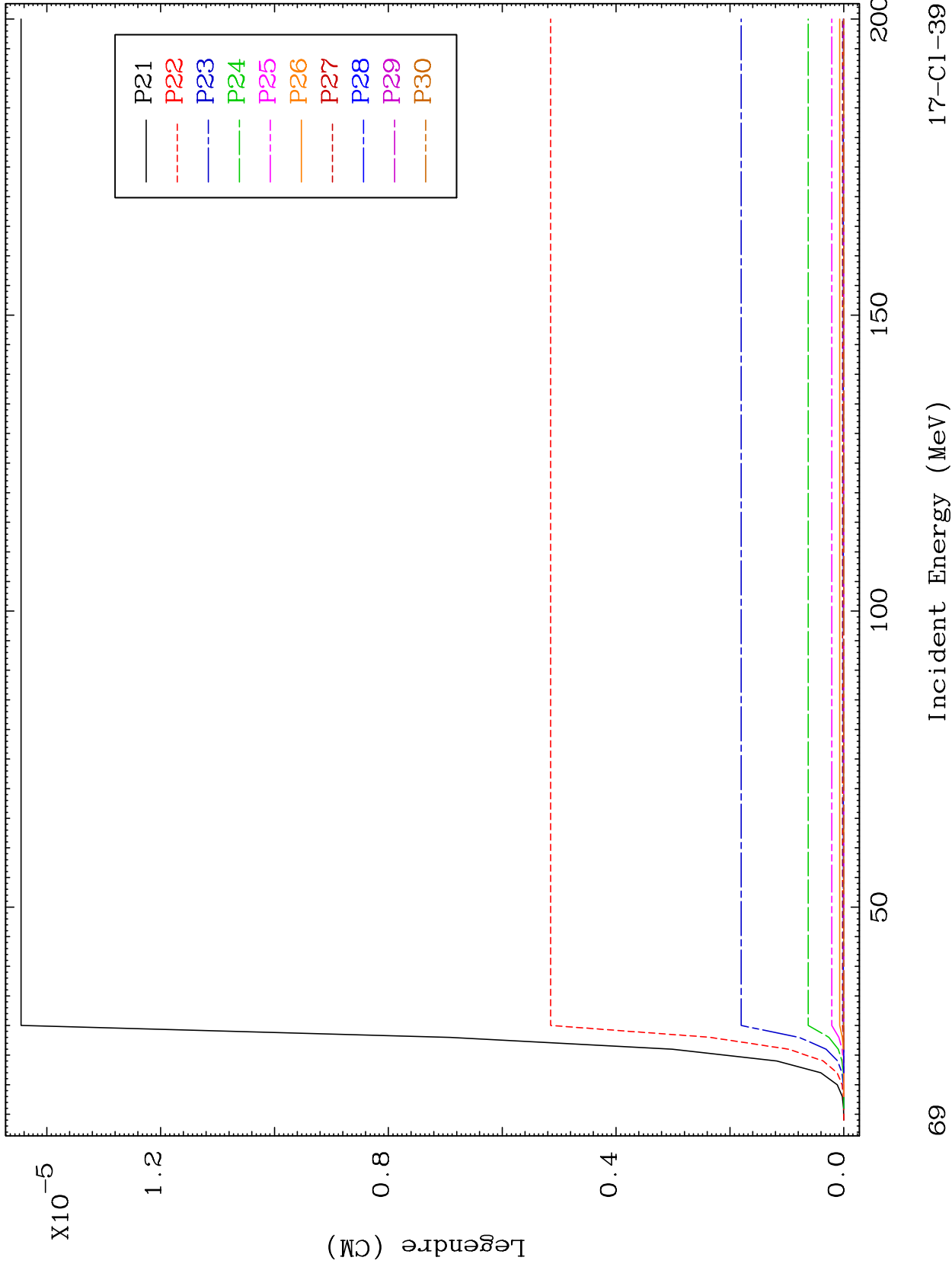
17-Cl-39



MAT 1737

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

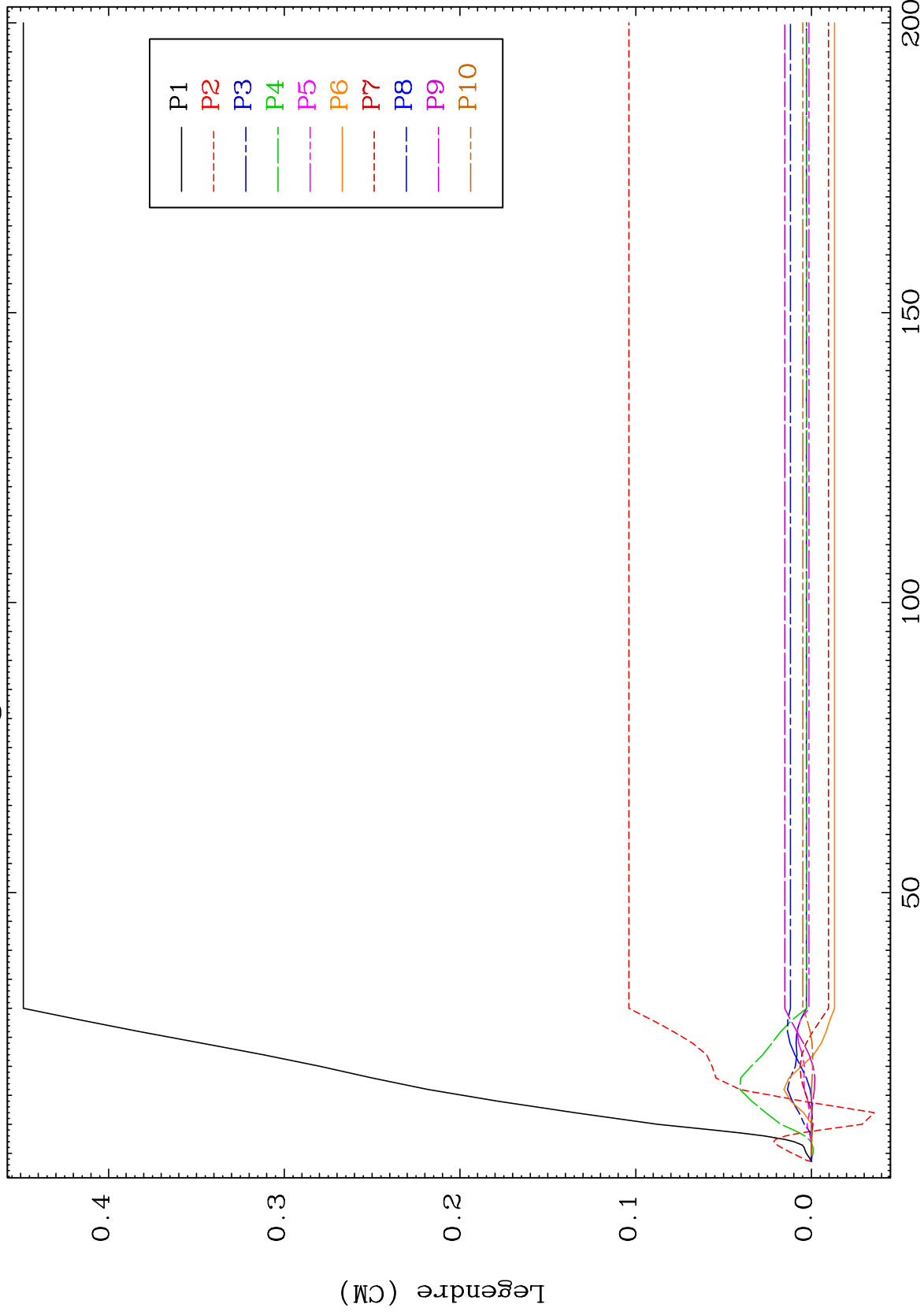
17-Cl-39



MAT 1737

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

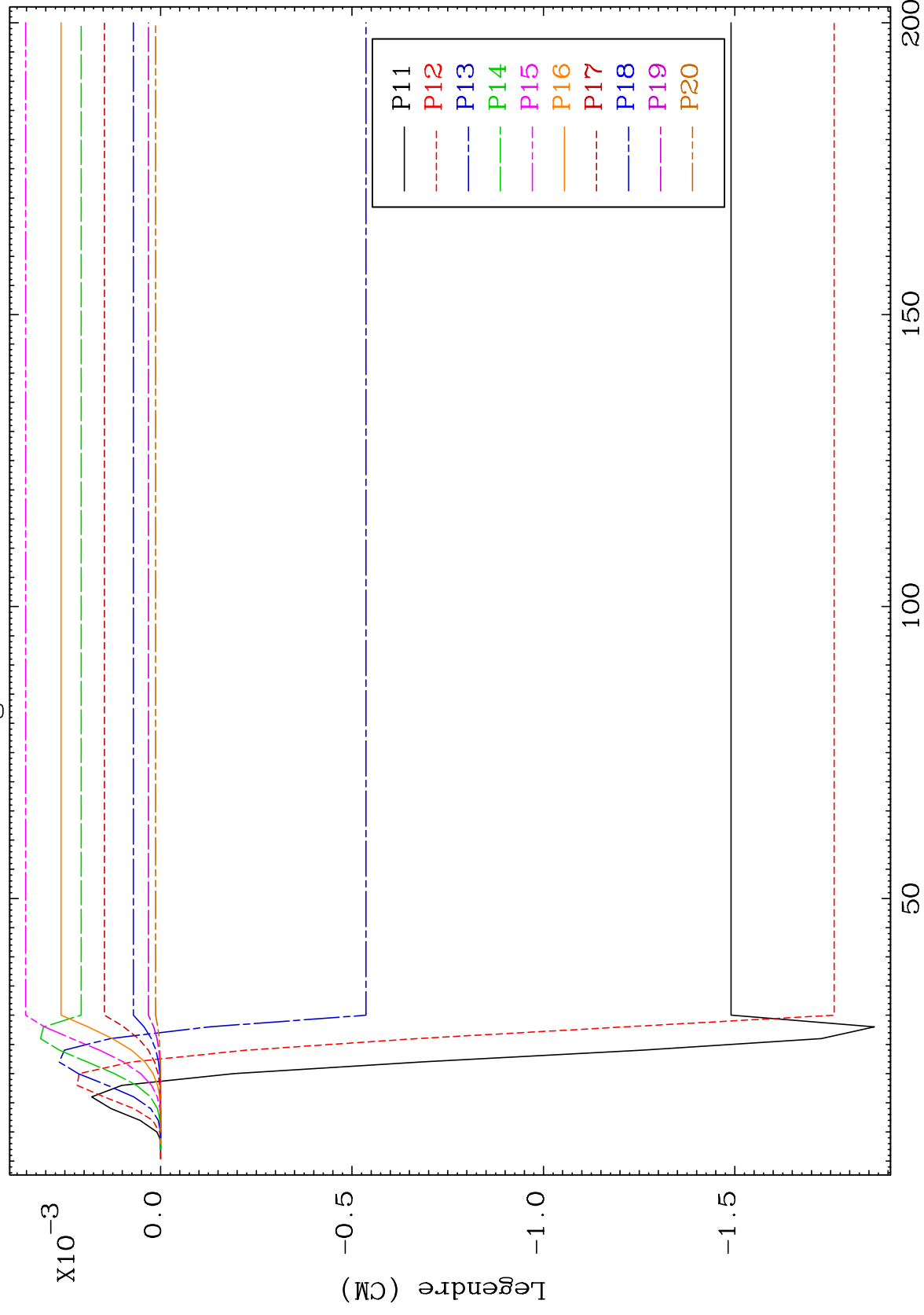
17-Cl-39



70

Incident Energy (MeV)

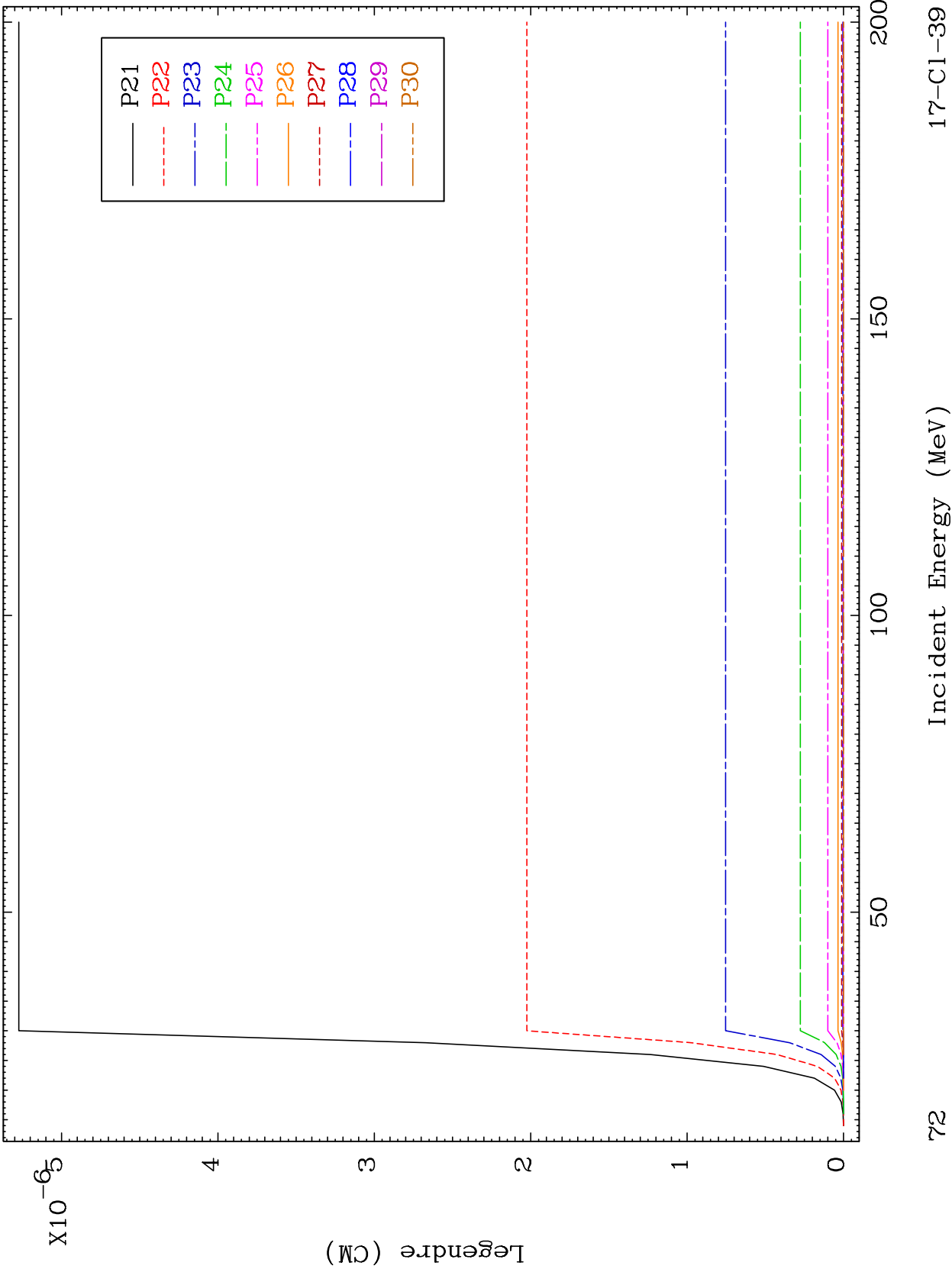
17-Cl-39



MAT 1737

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

17-Cl-39



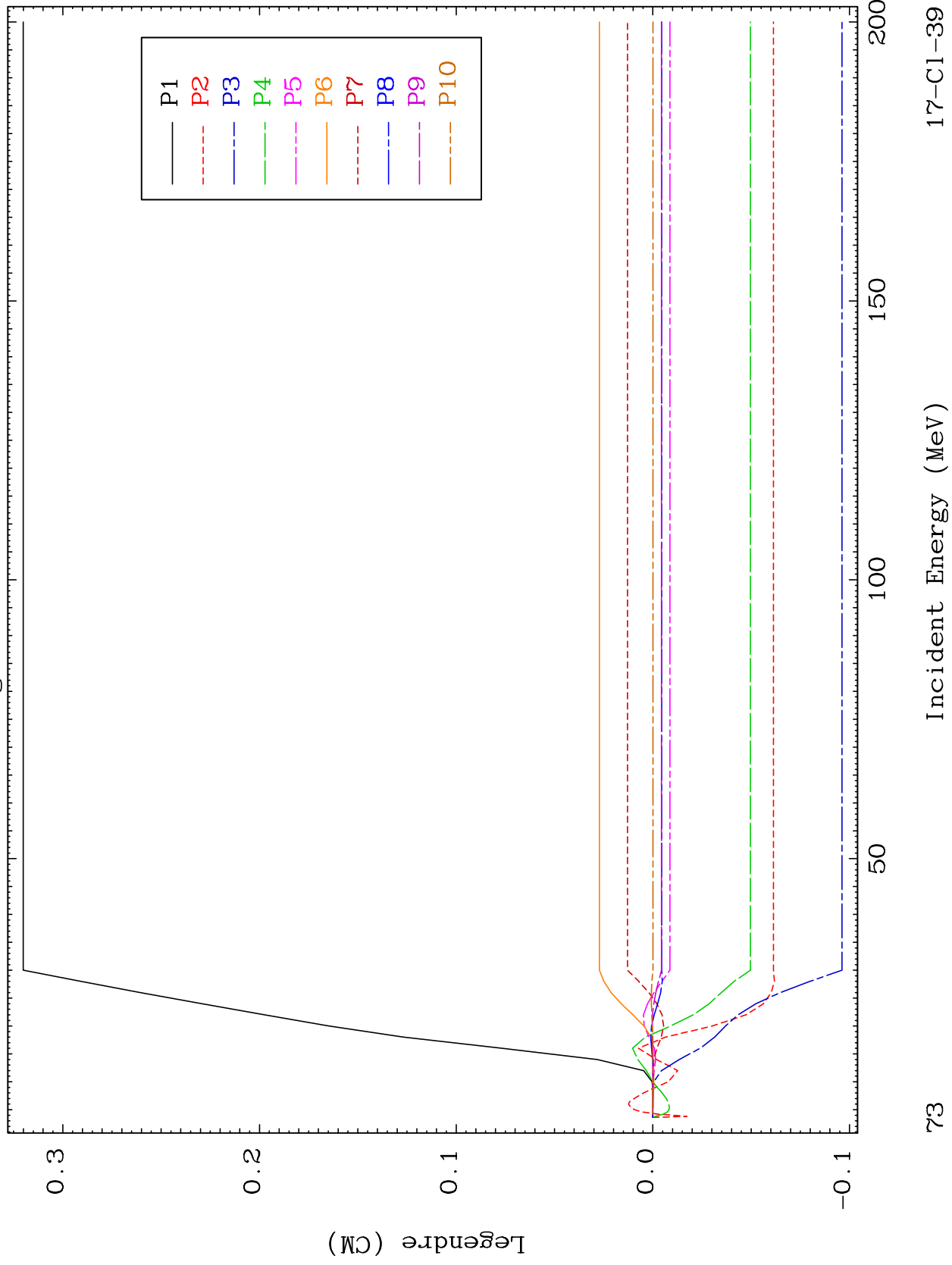
72

17-Cl-39

MAT 1737

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

17-Cl-39



73

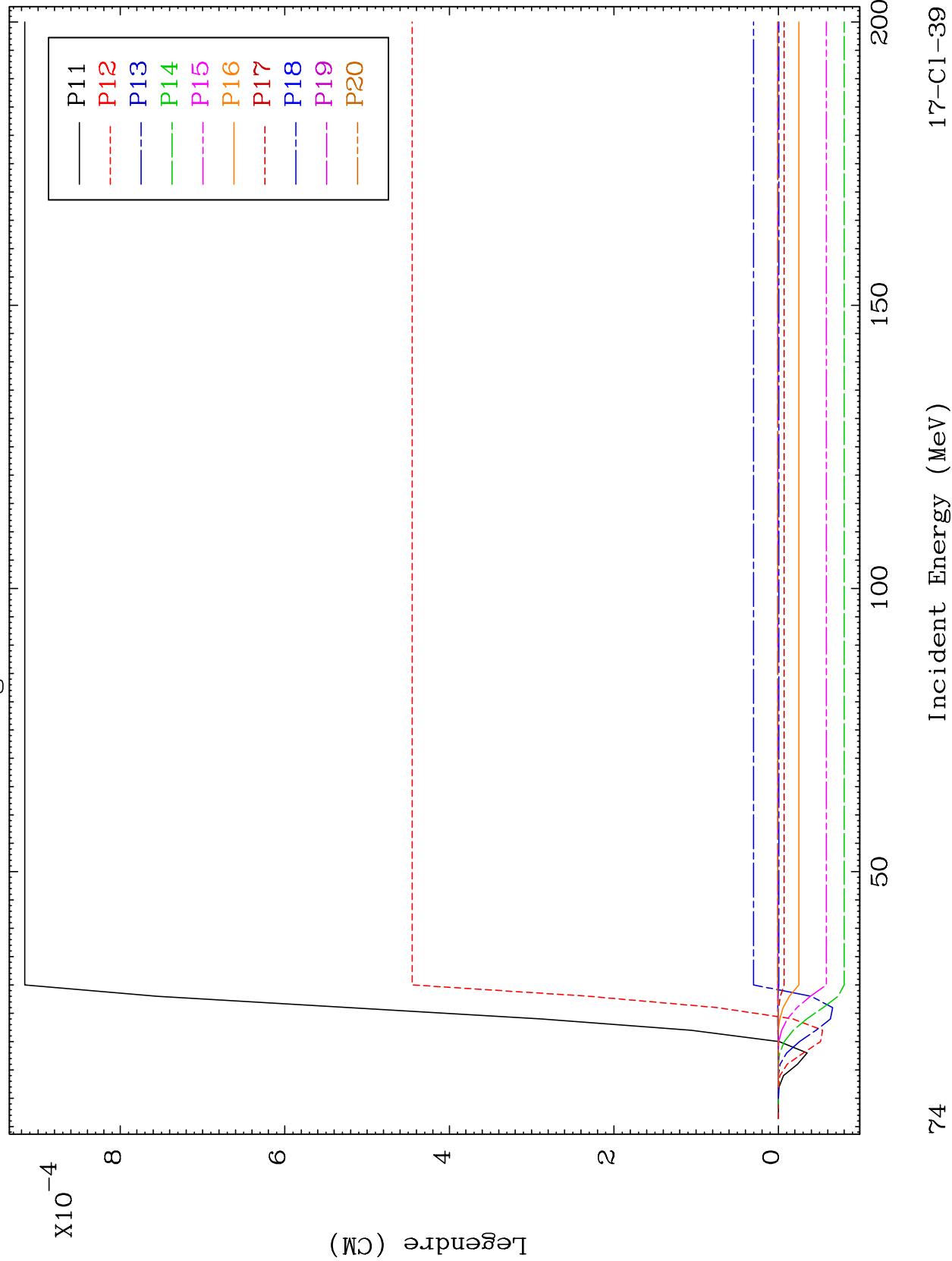
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

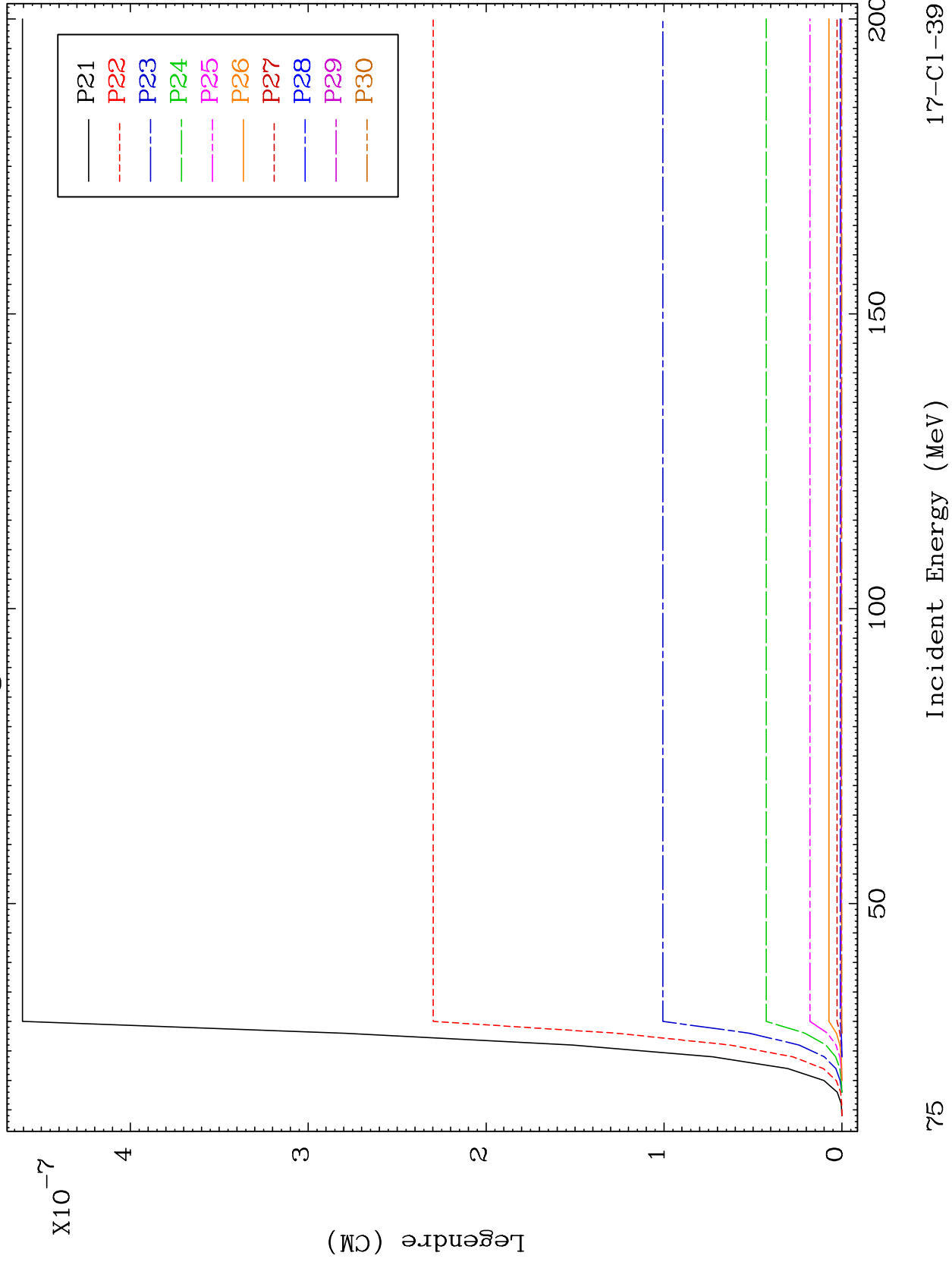
17-Cl-39



MAT 1737

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

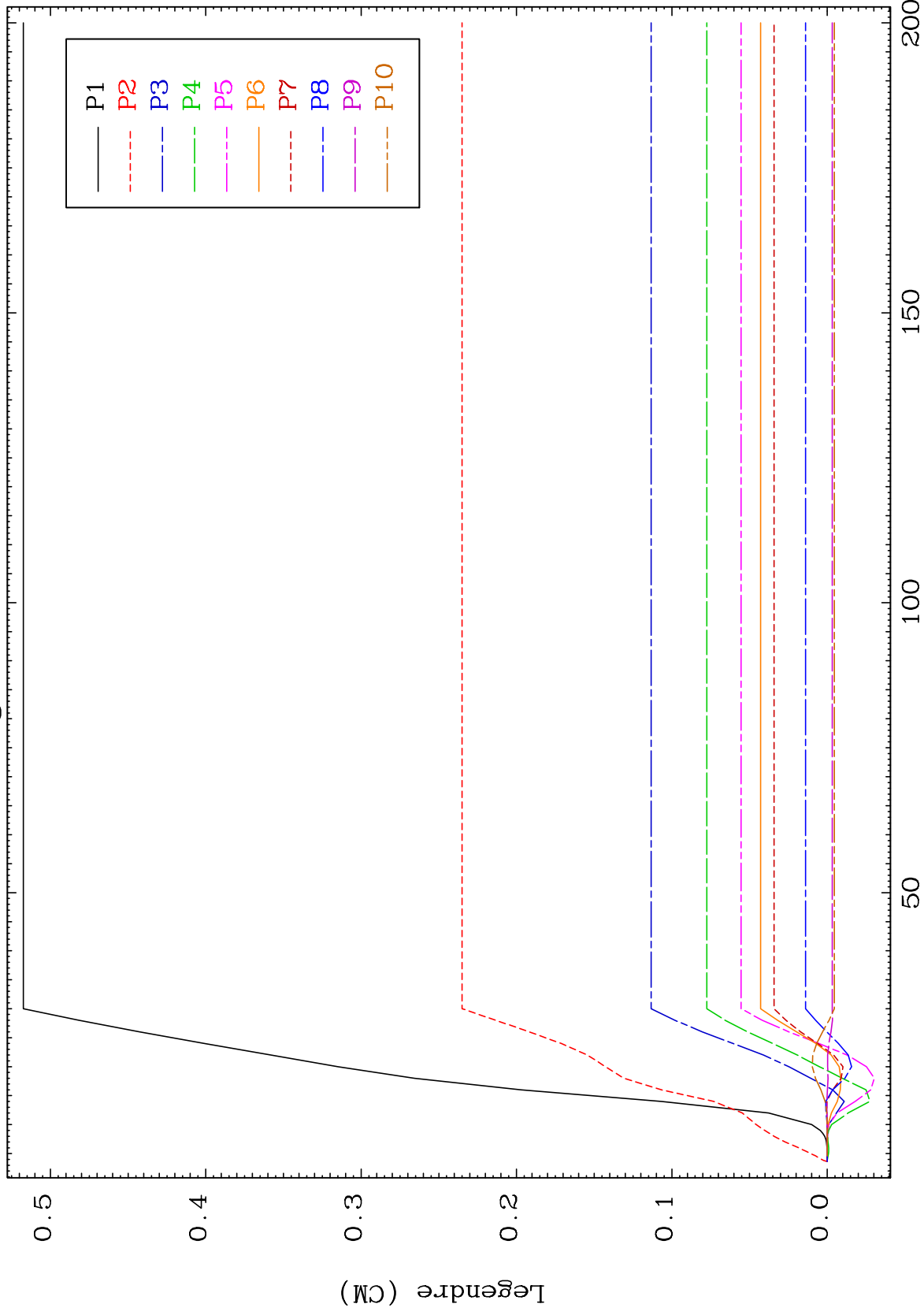
17-Cl-39



MAT 1737

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

17-Cl-39



76

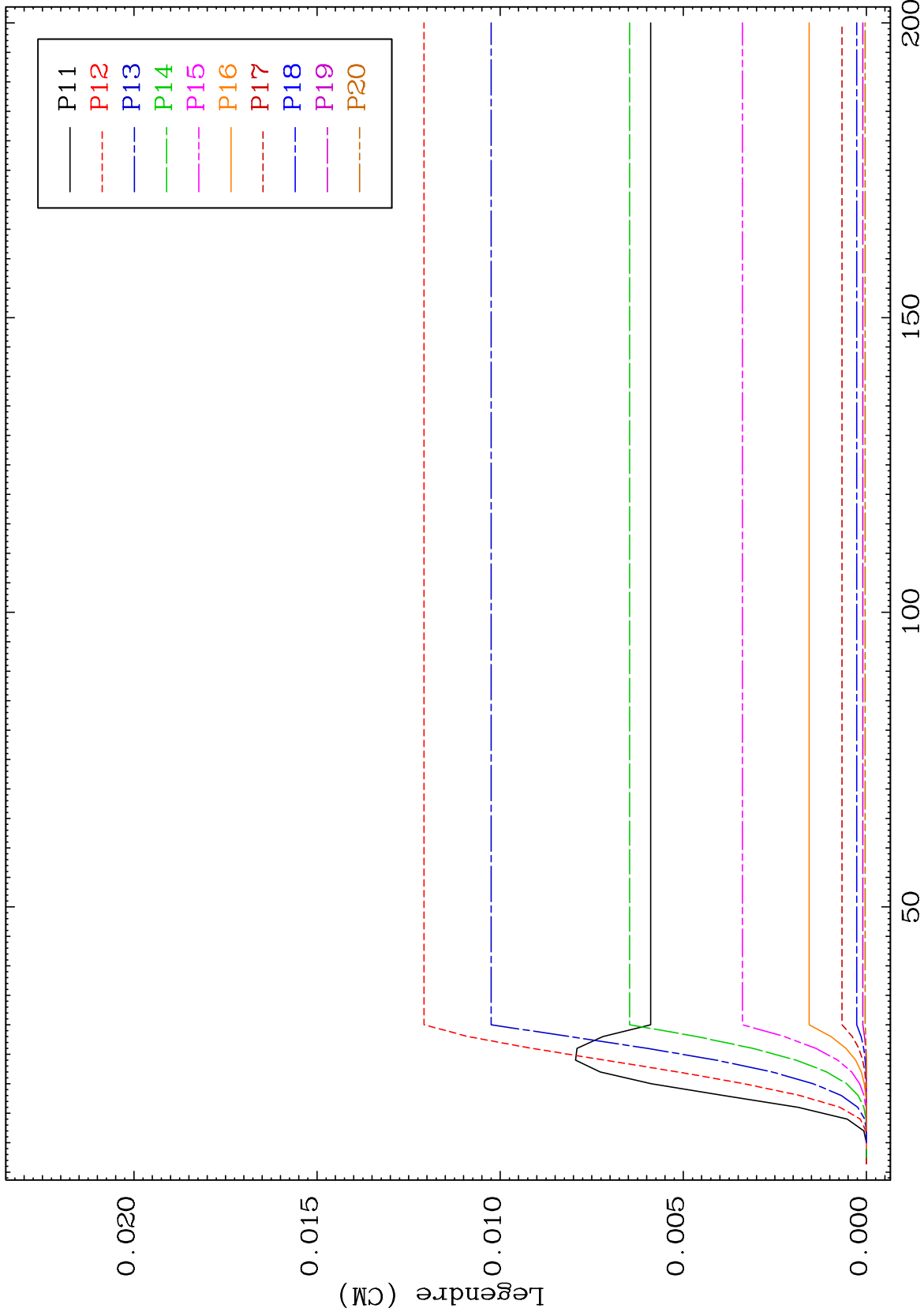
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



77

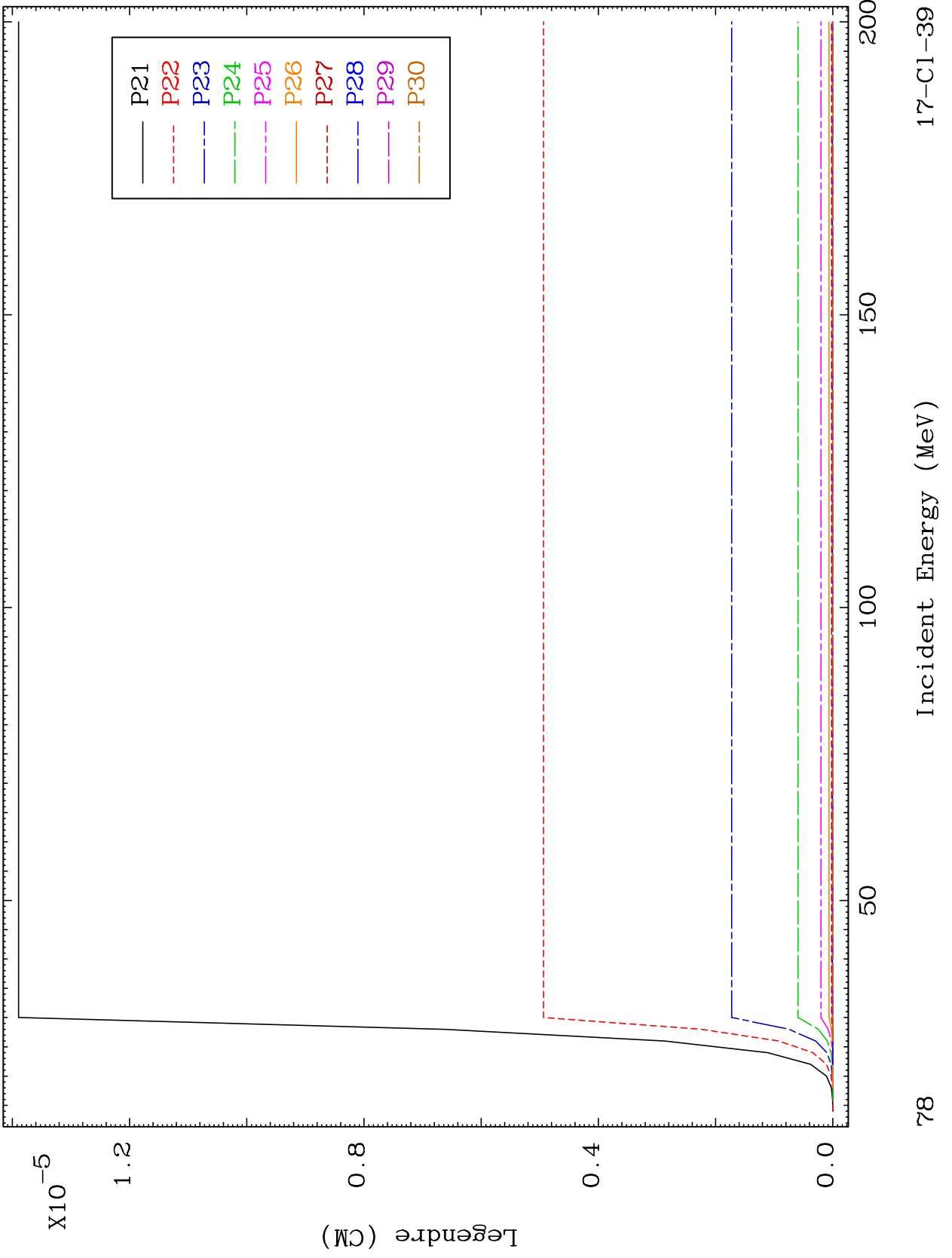
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



78

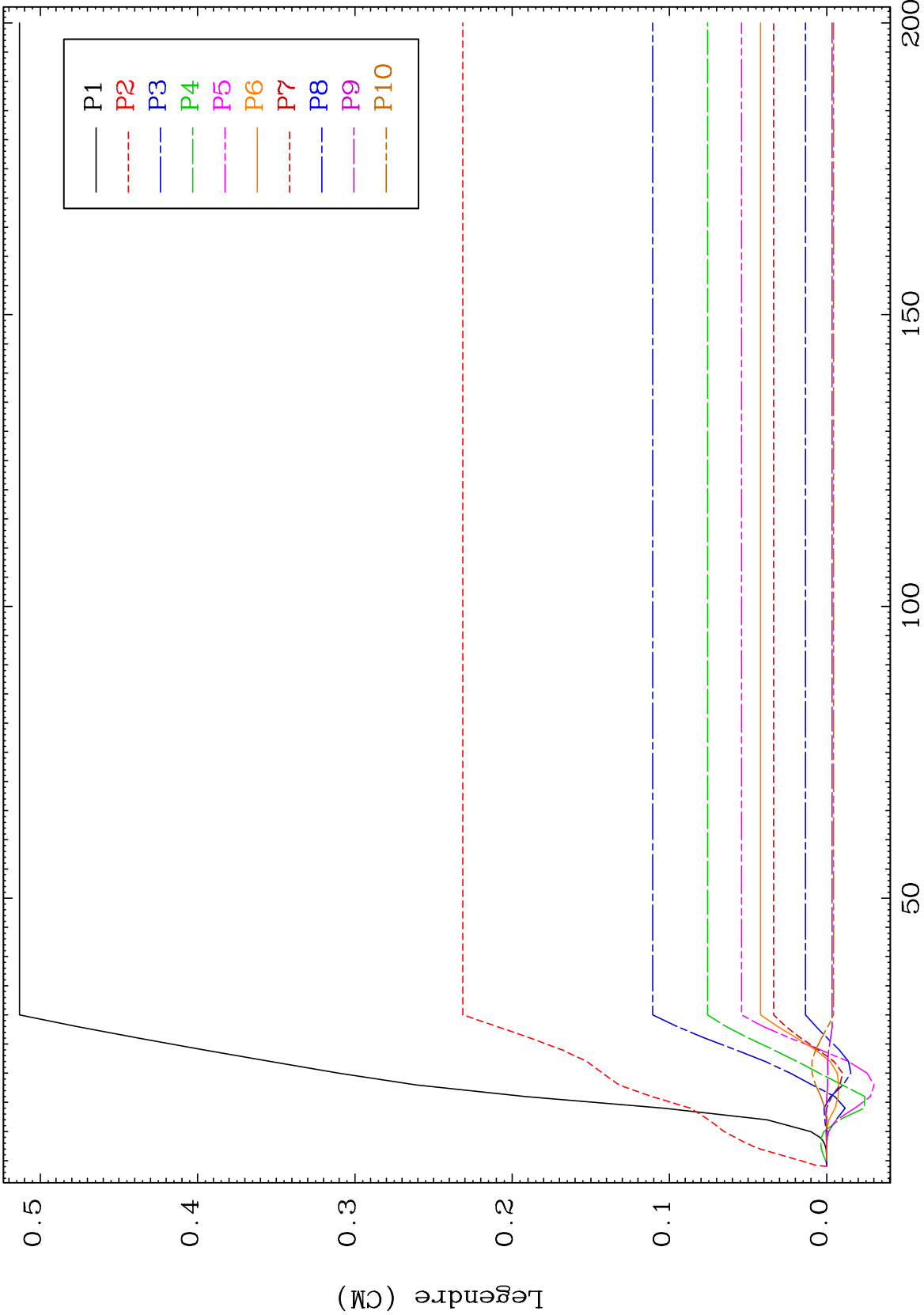
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



79

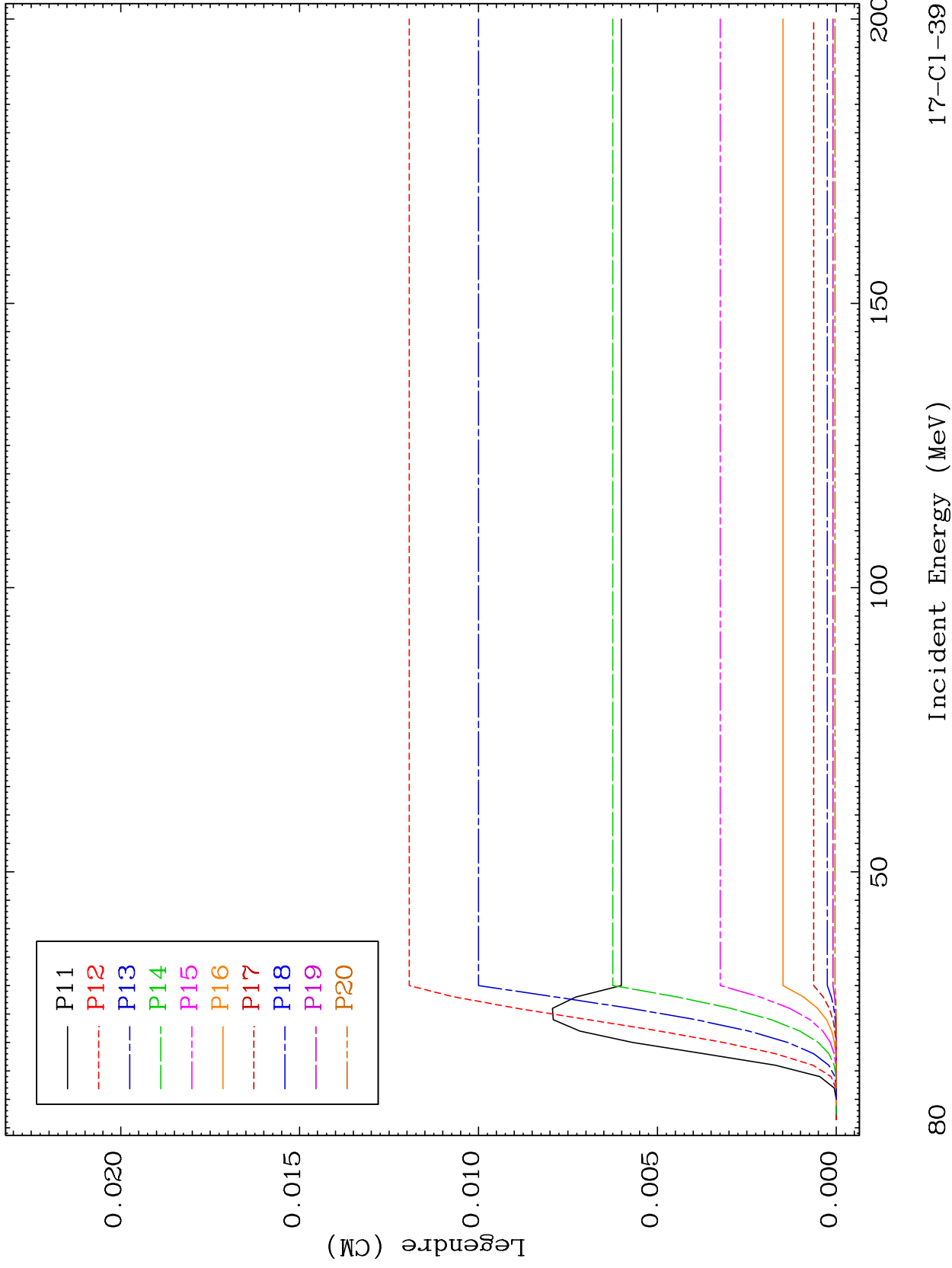
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



80

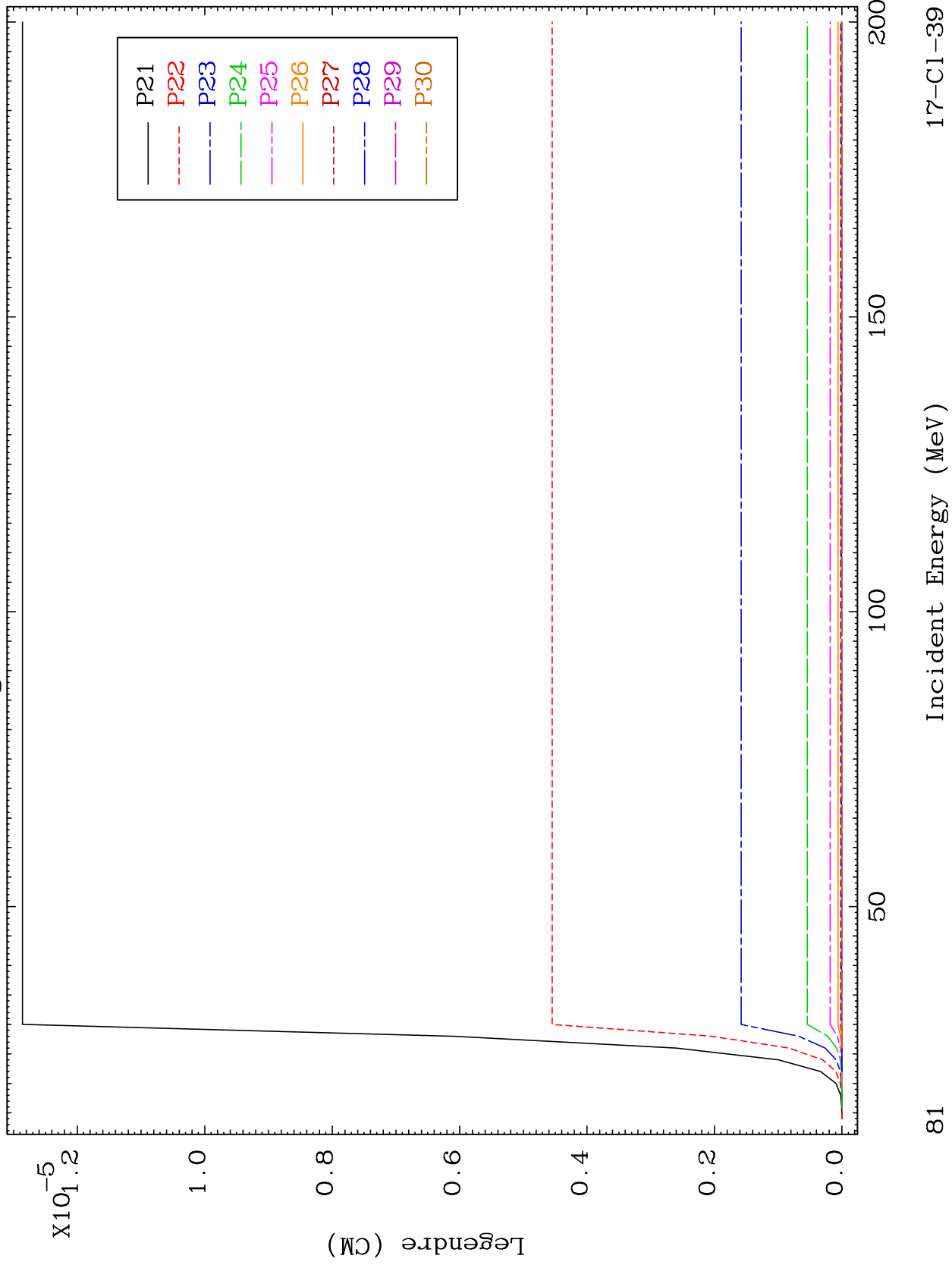
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



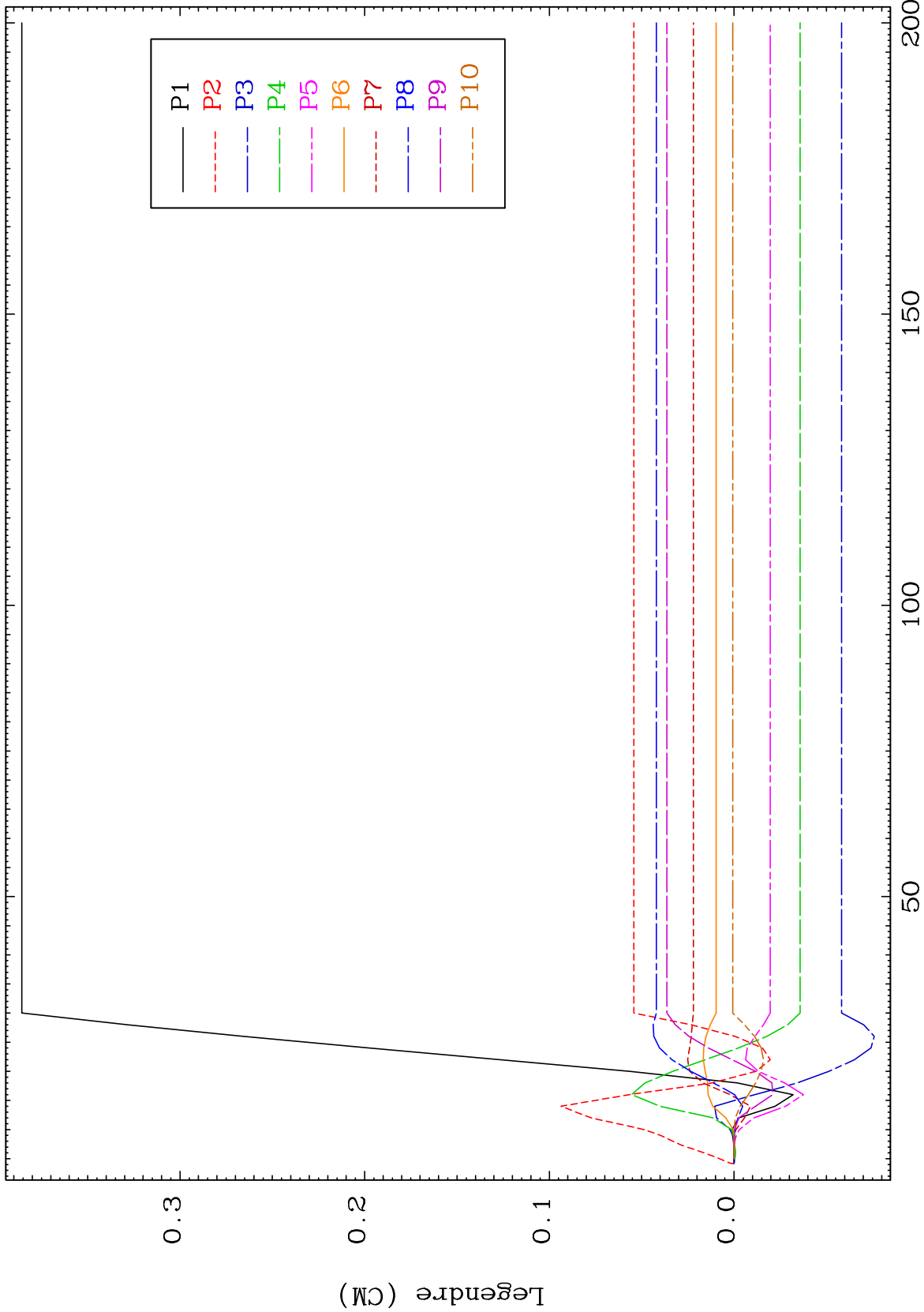
81

17-Cl-39

MAT 1737

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

17-Cl-39



82

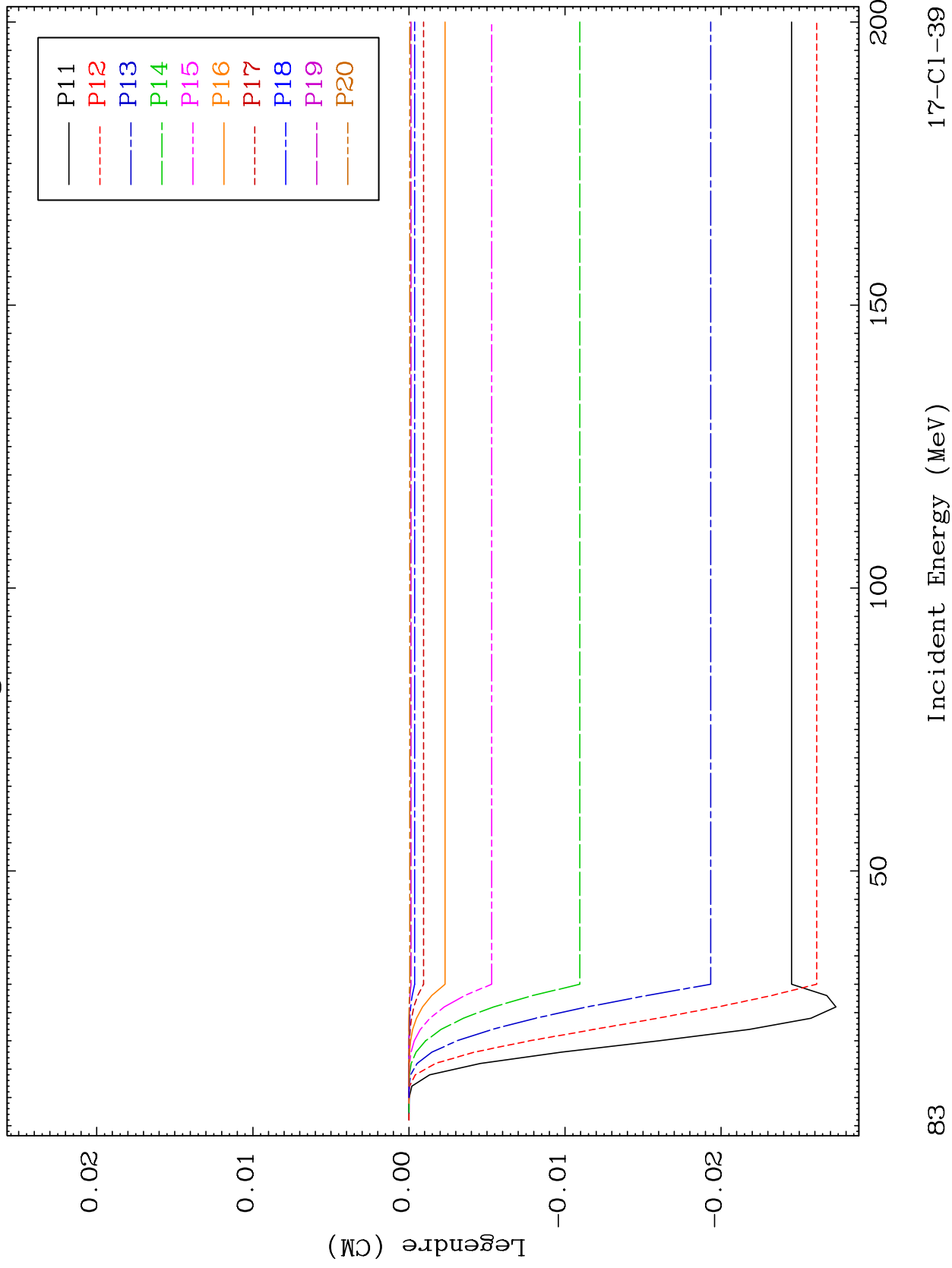
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



83

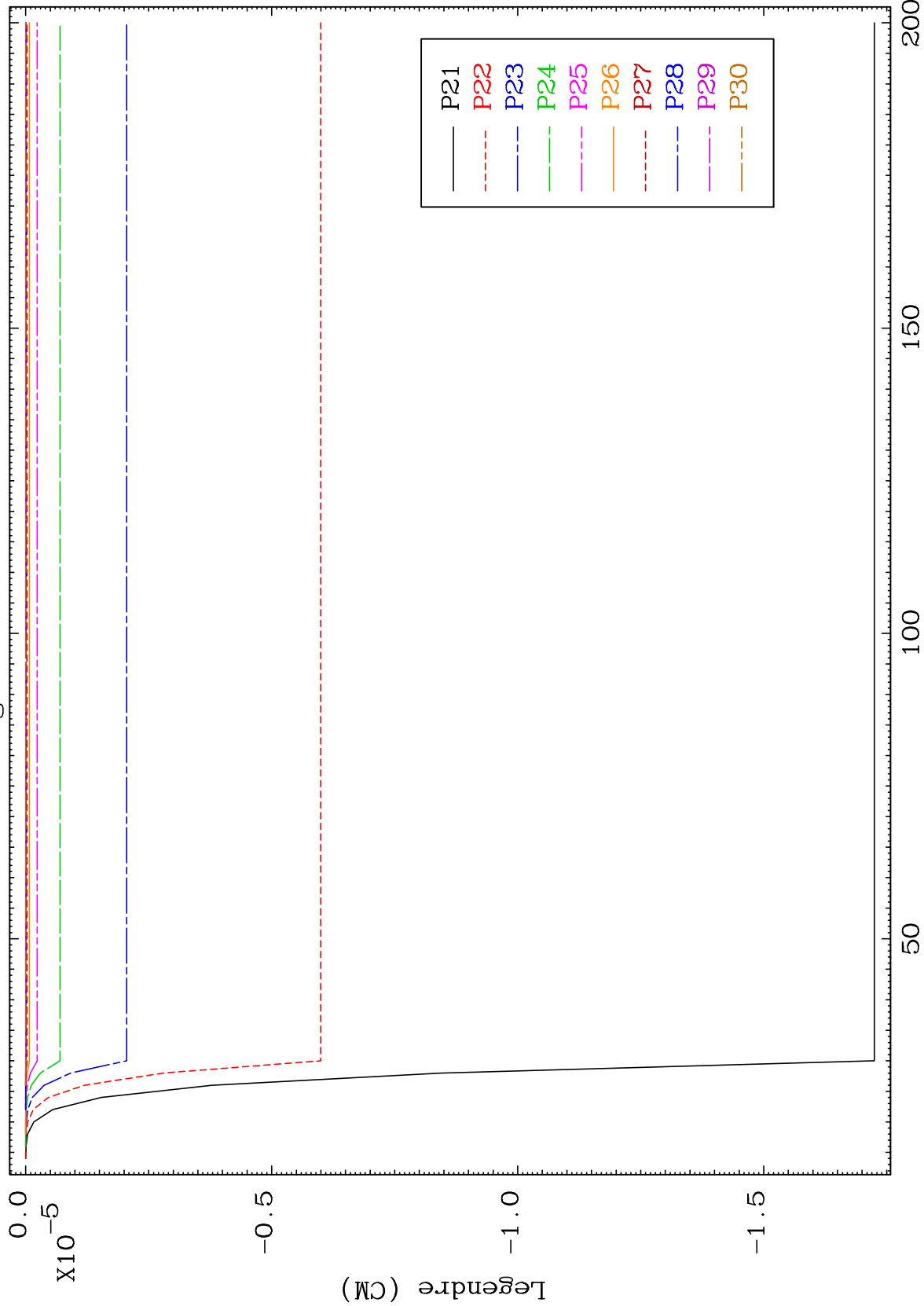
17-Cl-39

MAT 1737

MT= 72 (n,n') Level

17-Cl-39

Legendre Coefficients



84

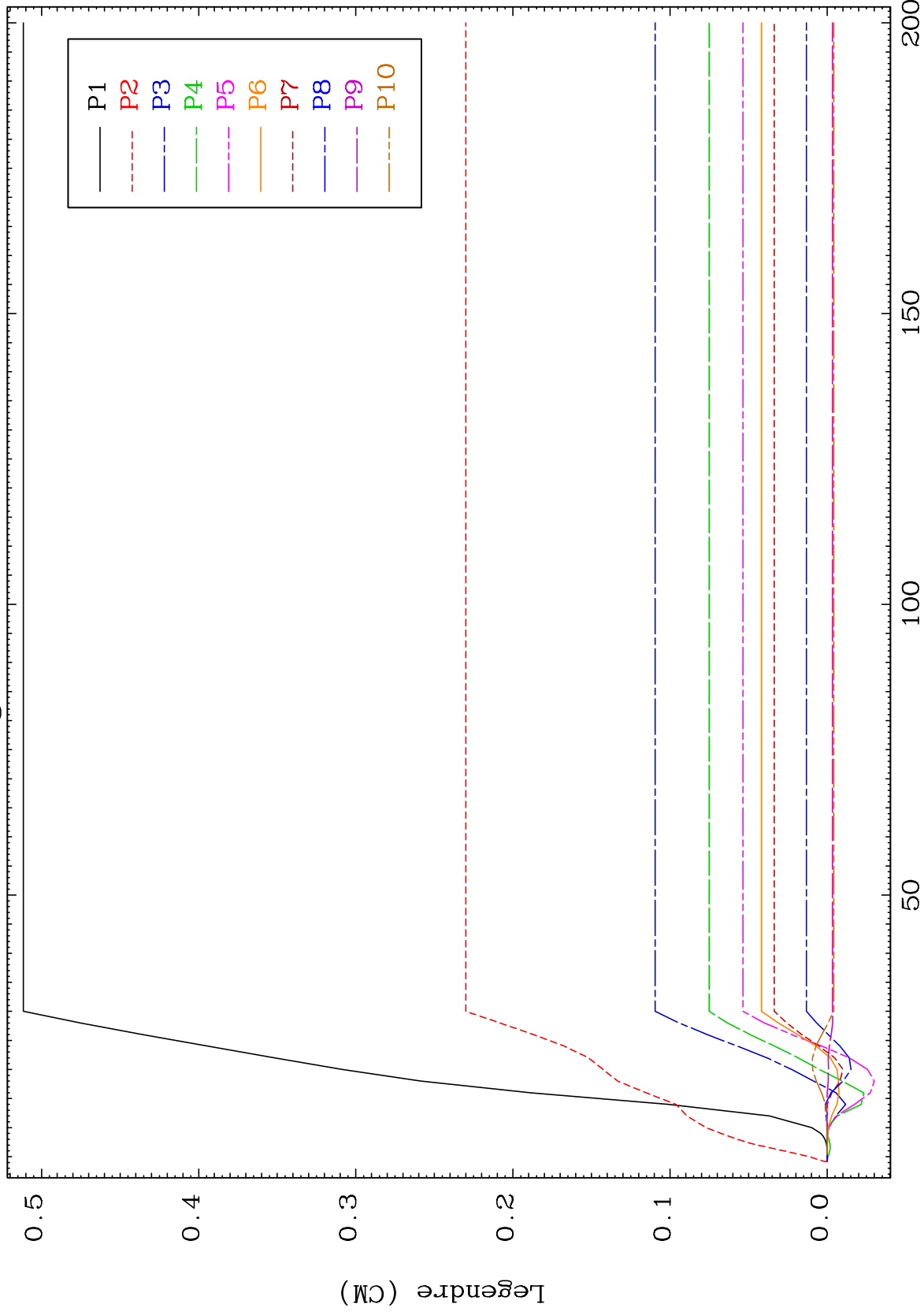
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

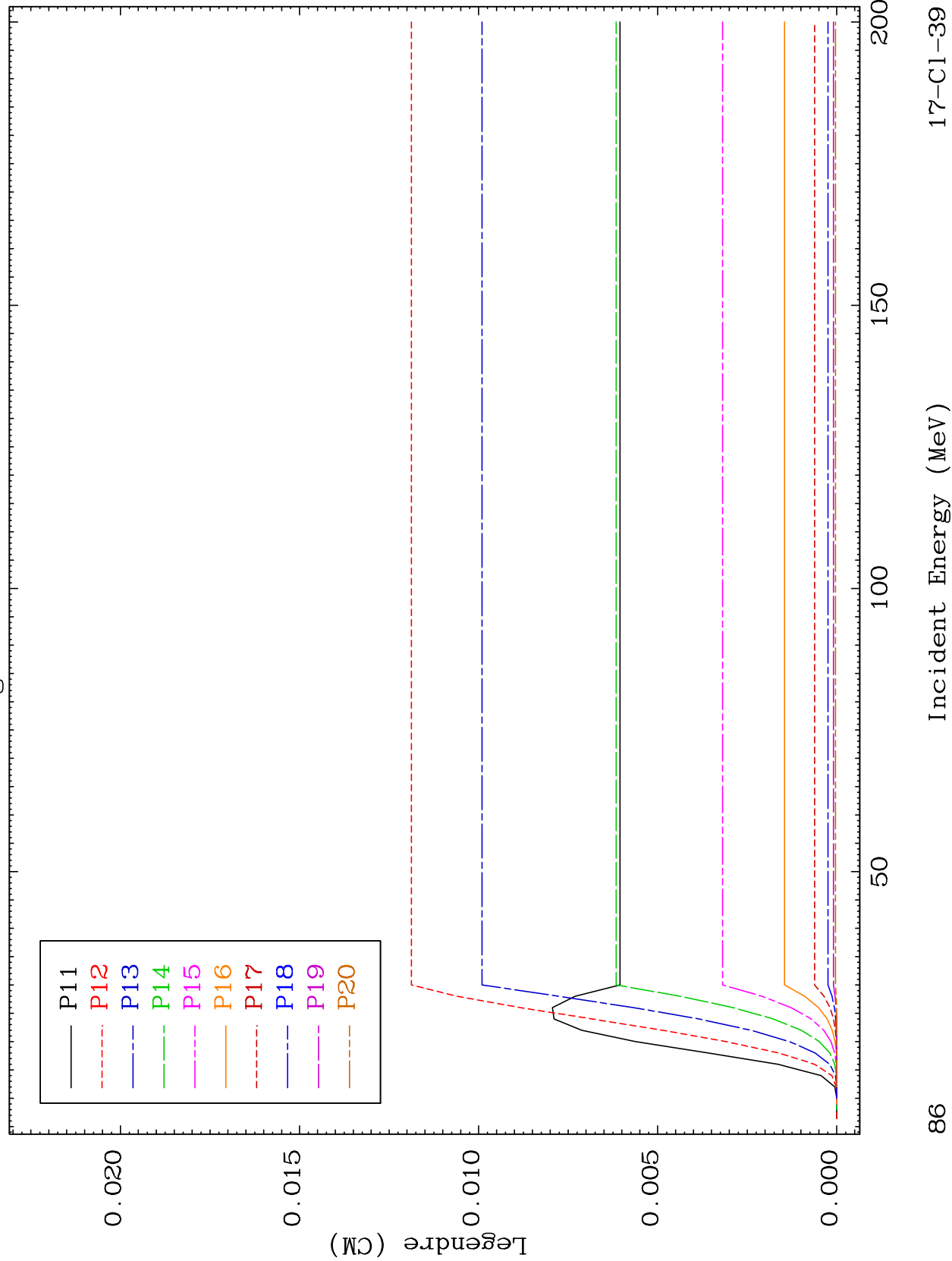
17-Cl-39



85

Incident Energy (MeV)

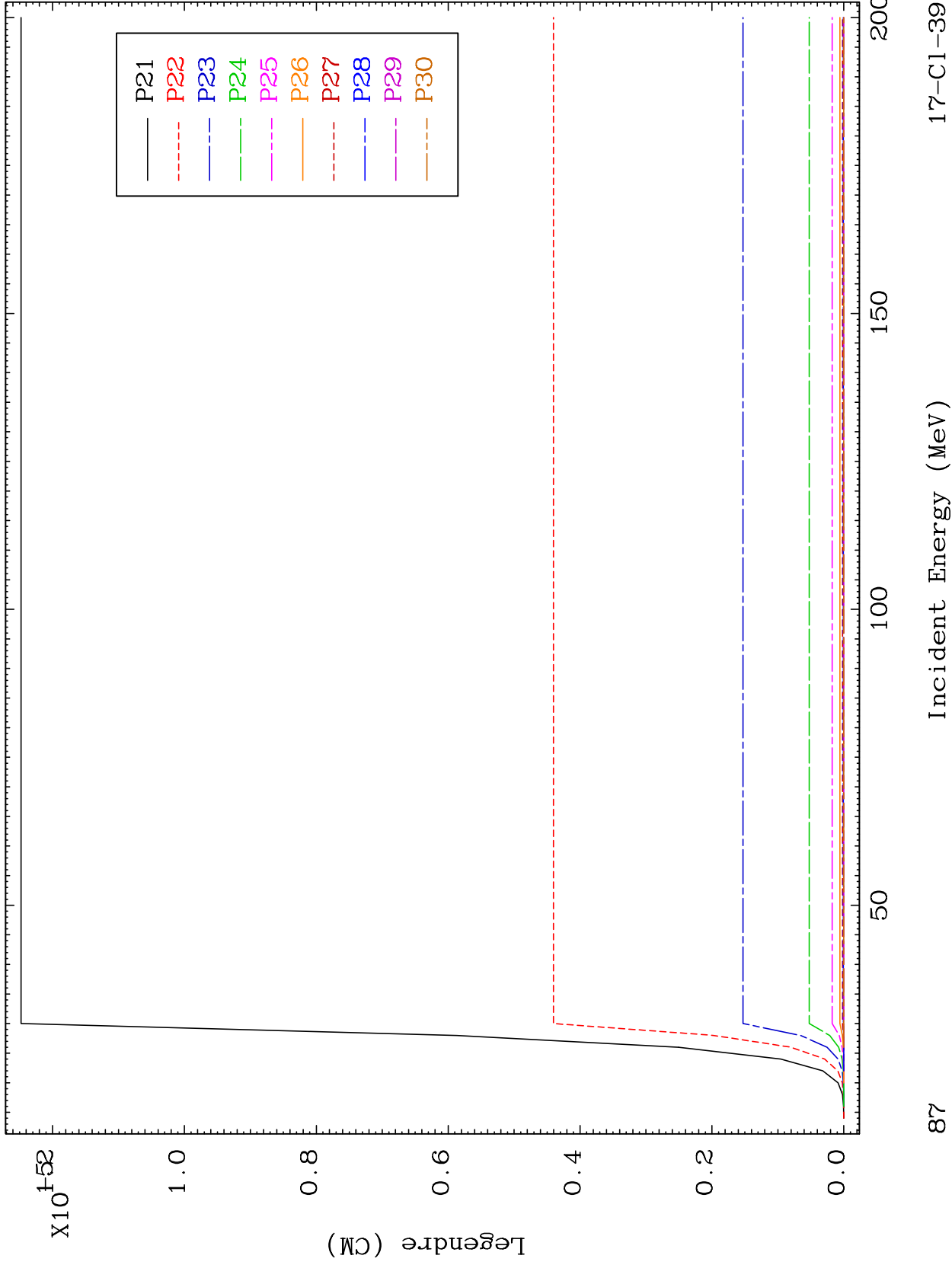
17-Cl-39

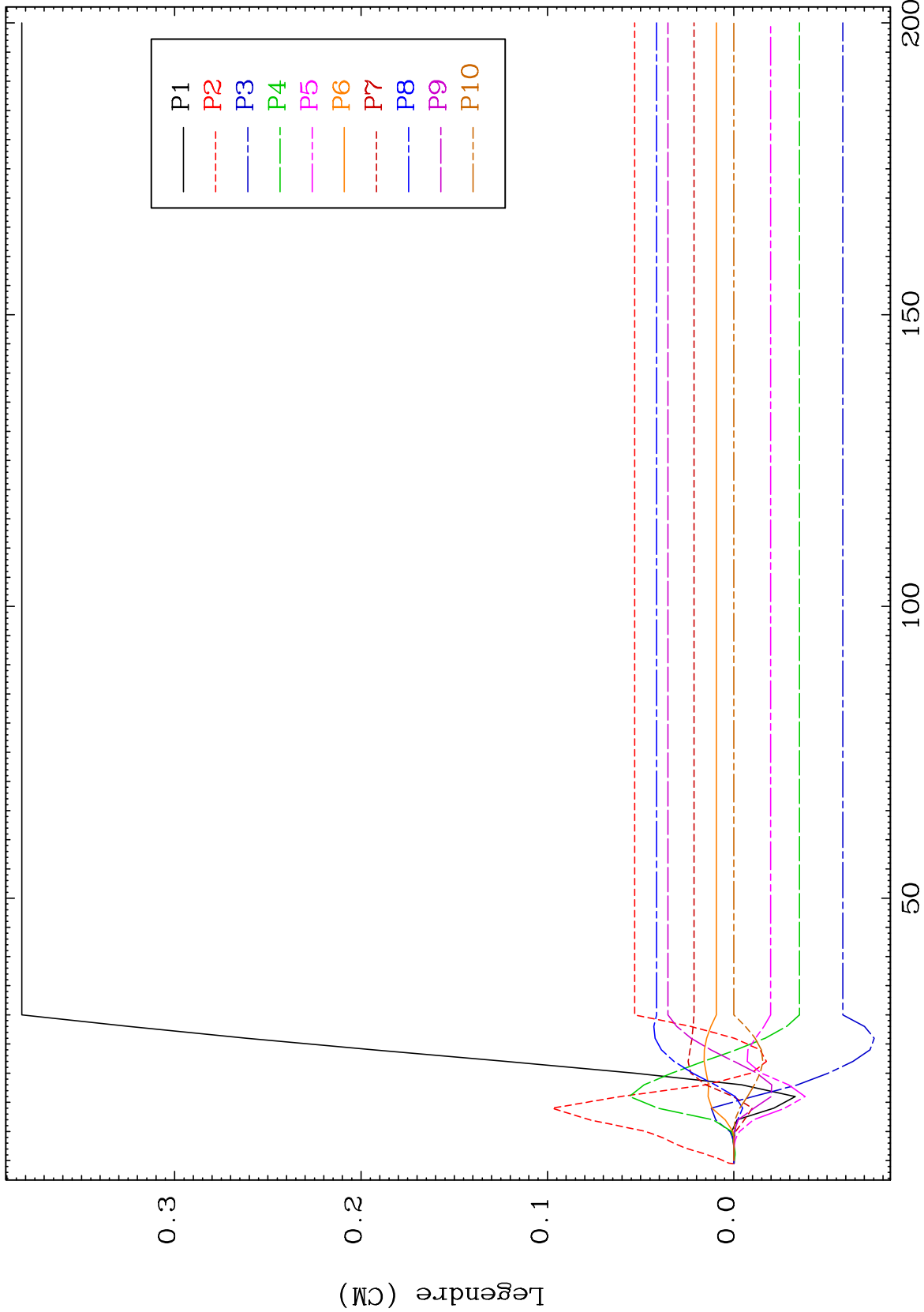


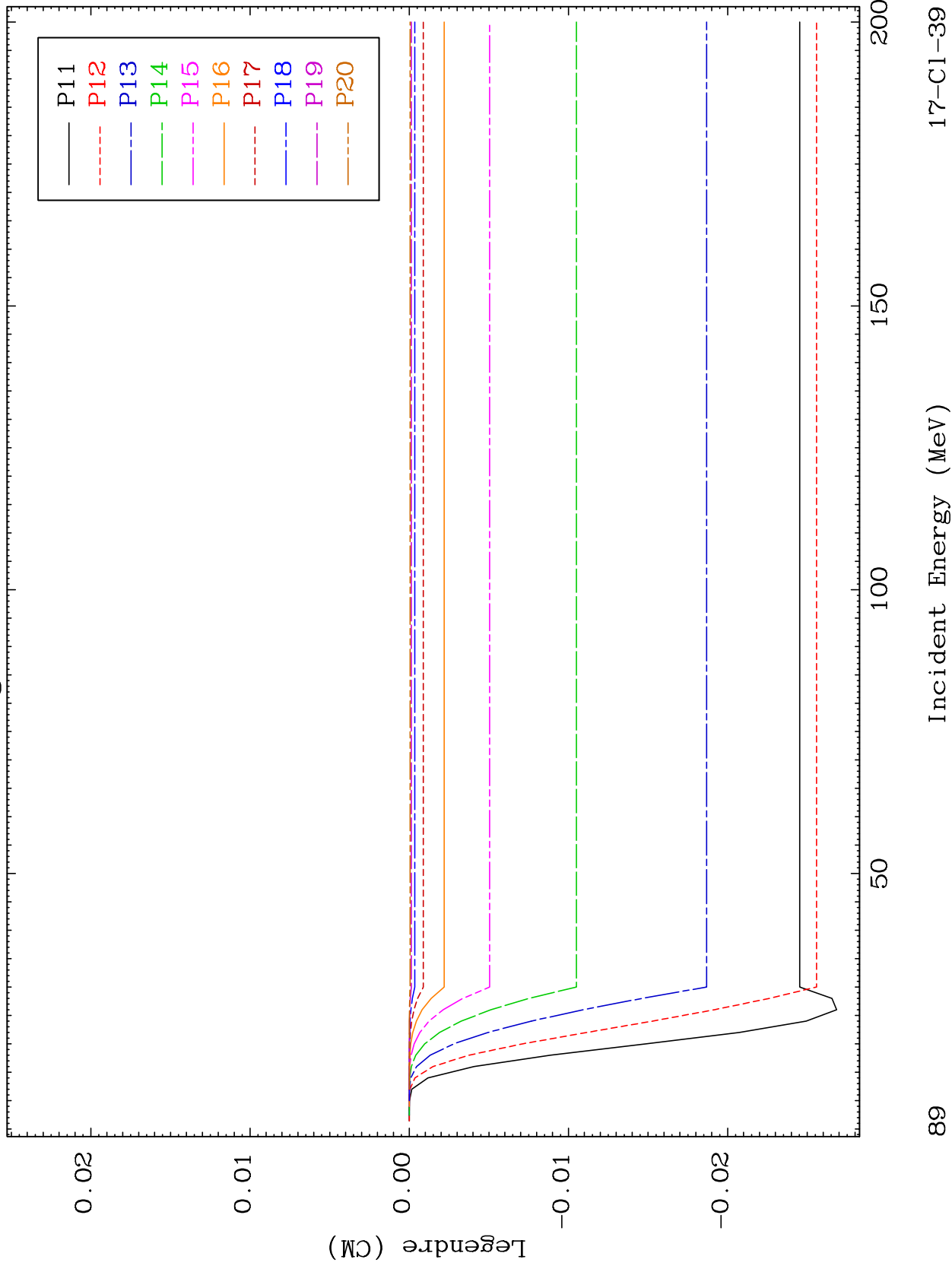
MAT 1737

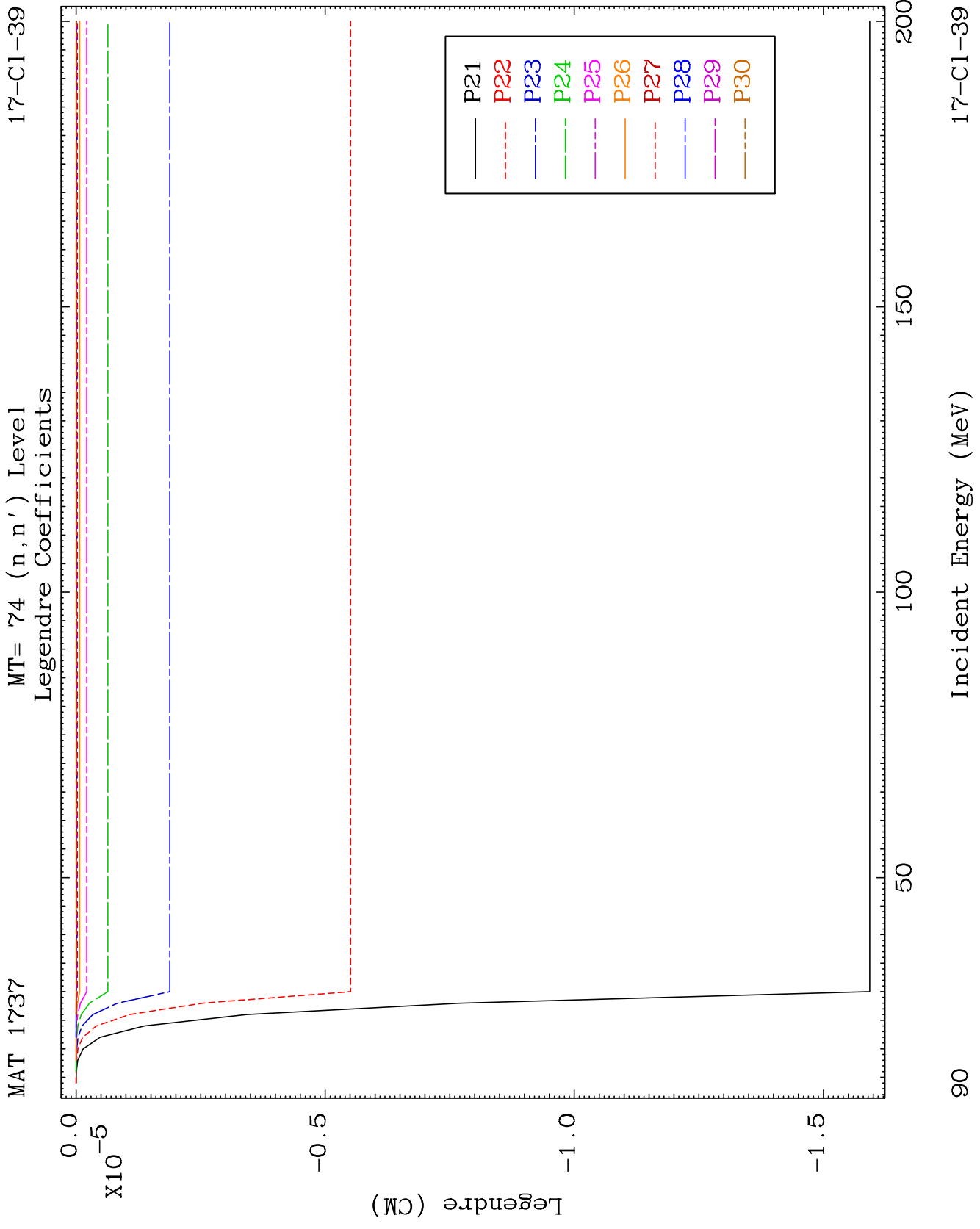
MT= 73 (n,n') Level  
Legendre Coefficients

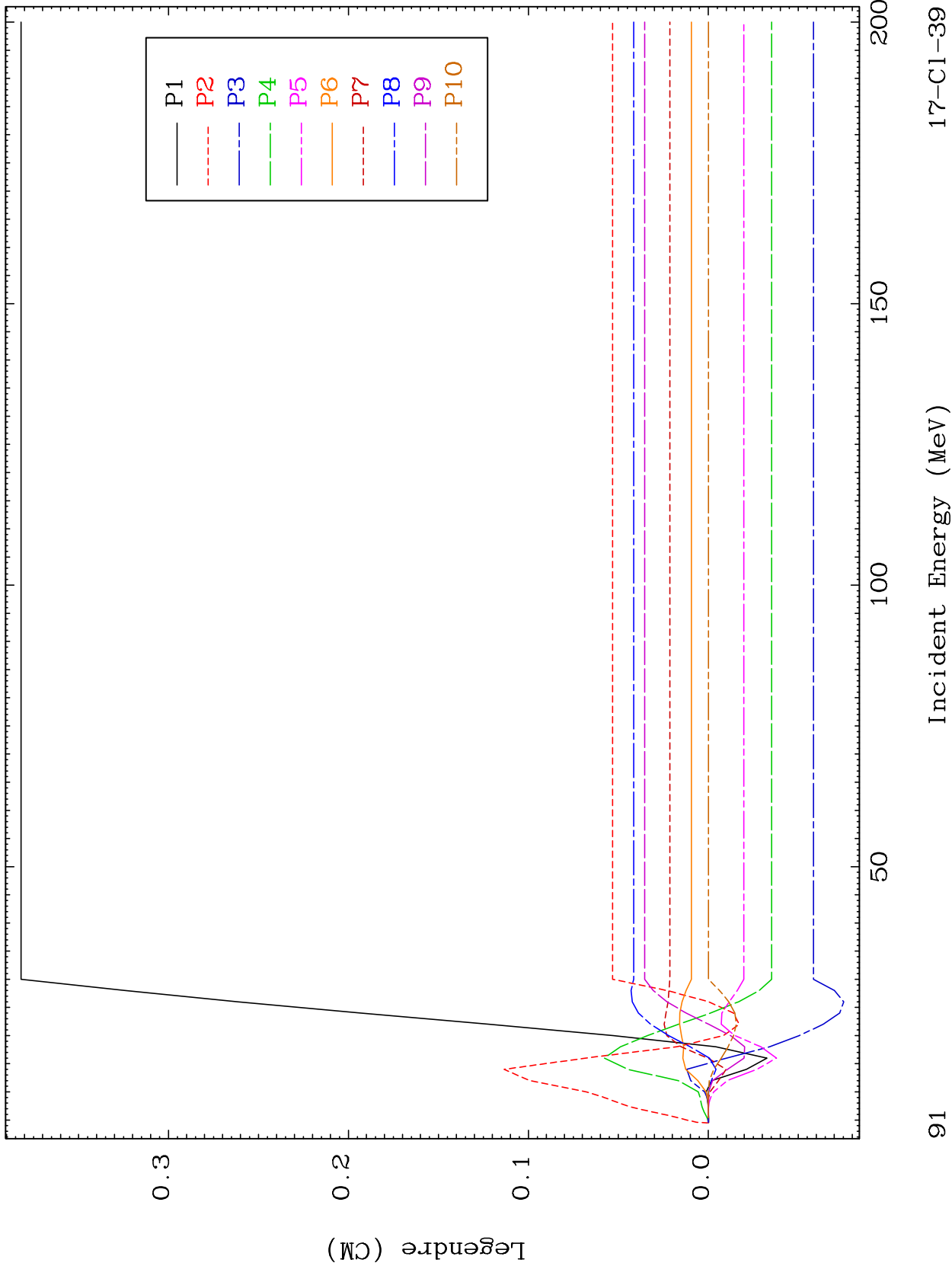
17-Cl-39







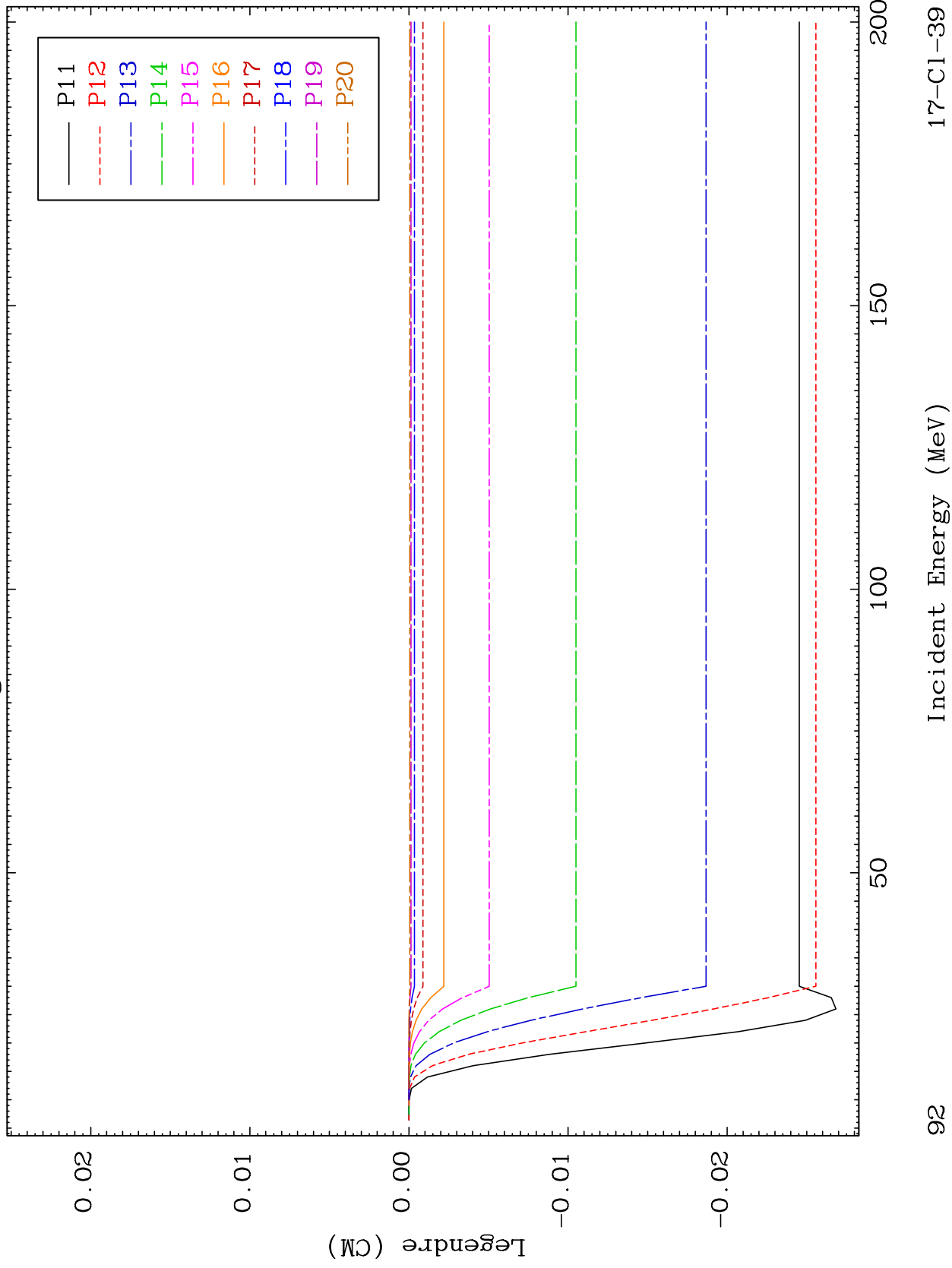


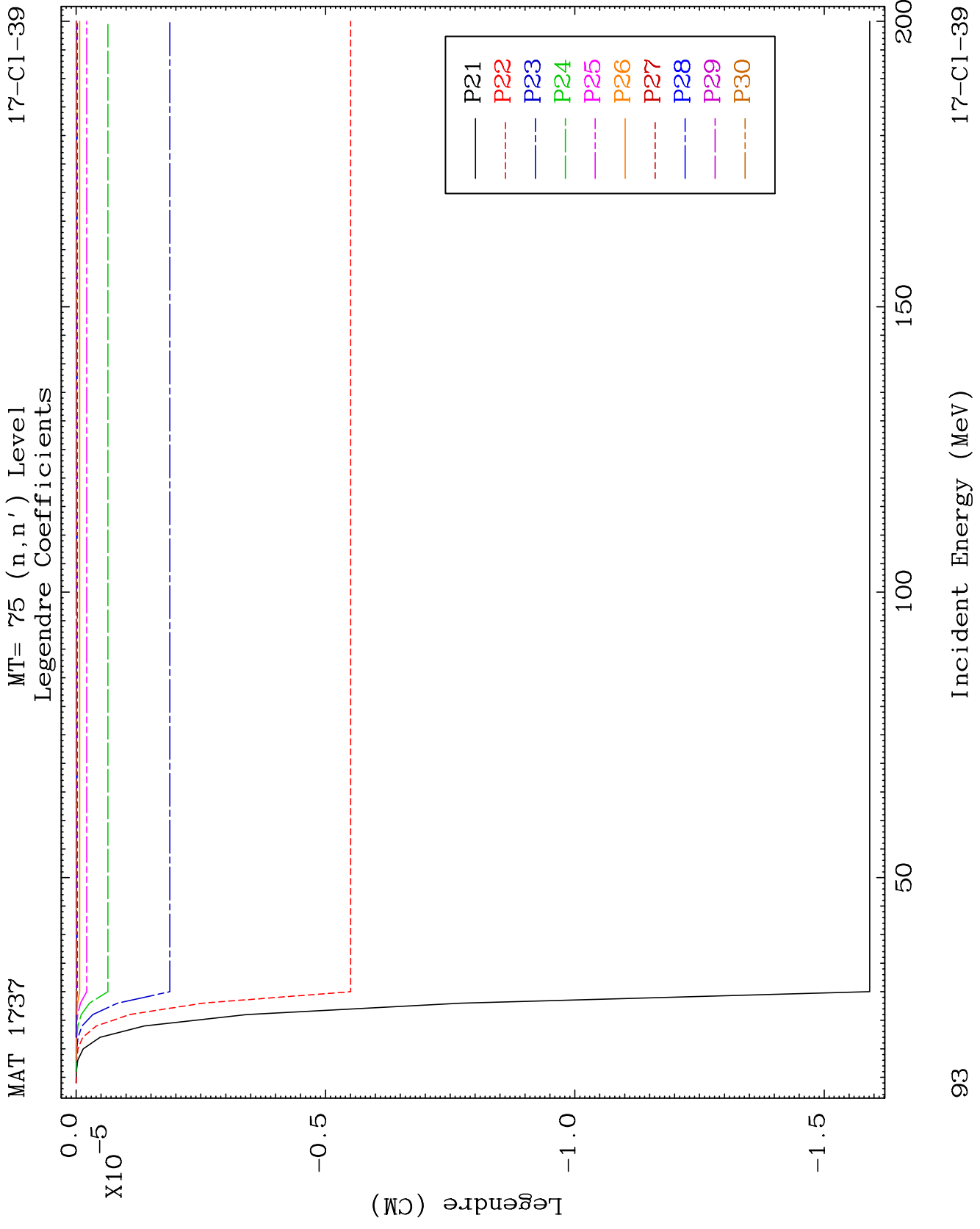


MAT 1737

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

17-Cl-39

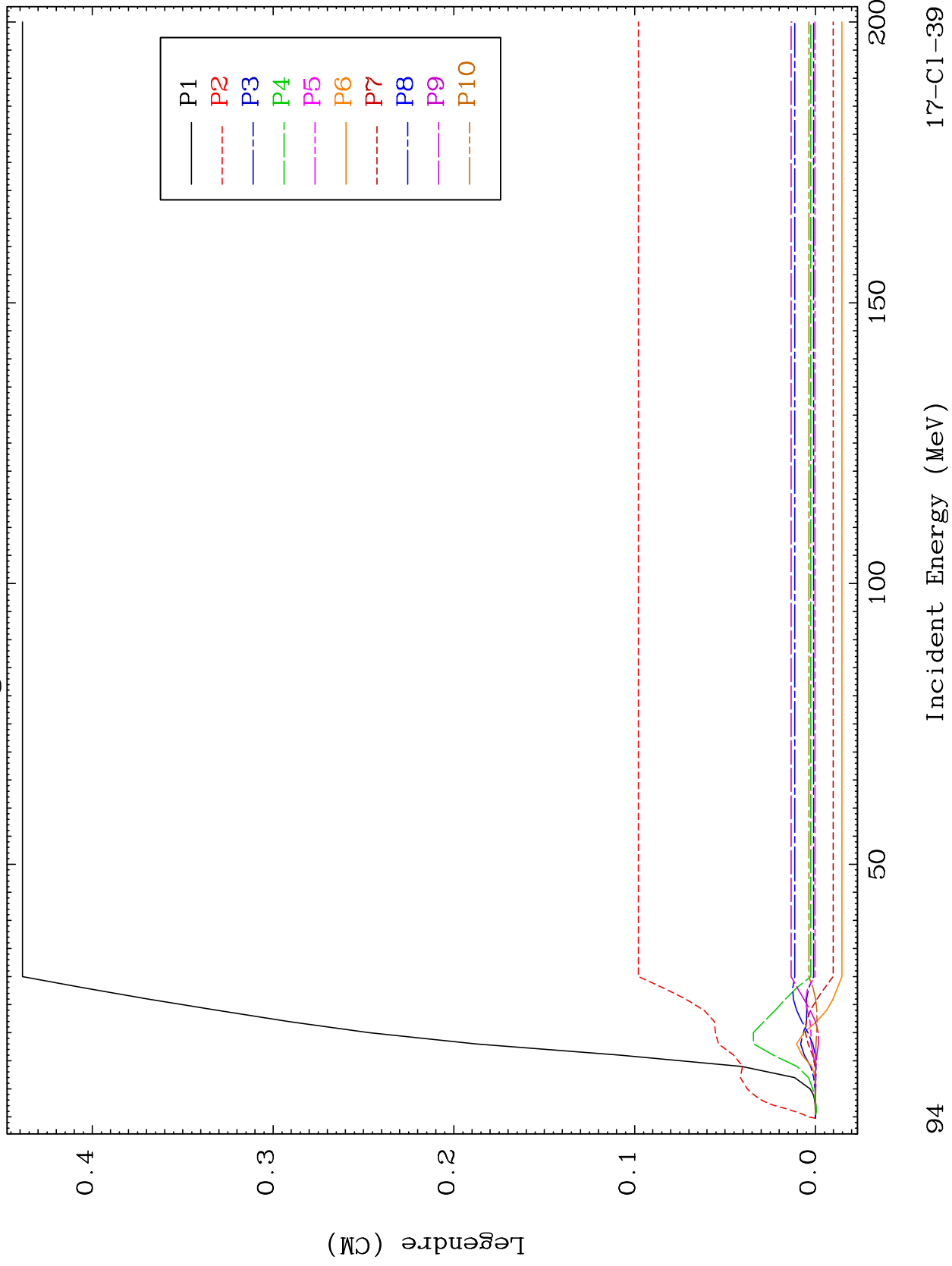




MAT 1737

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

17-Cl-39



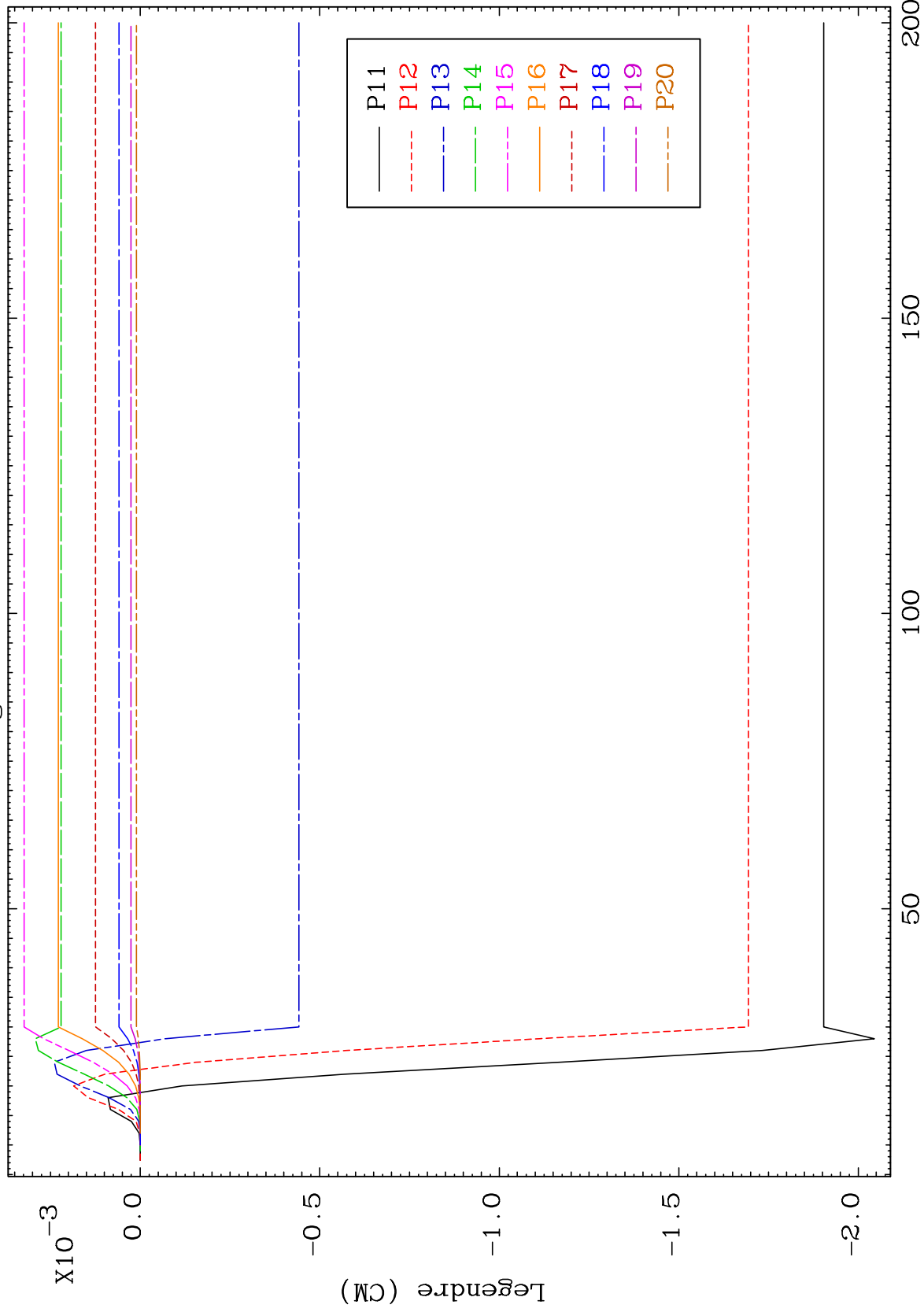
94

17-Cl-39

MAT 1737

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

17-Cl-39



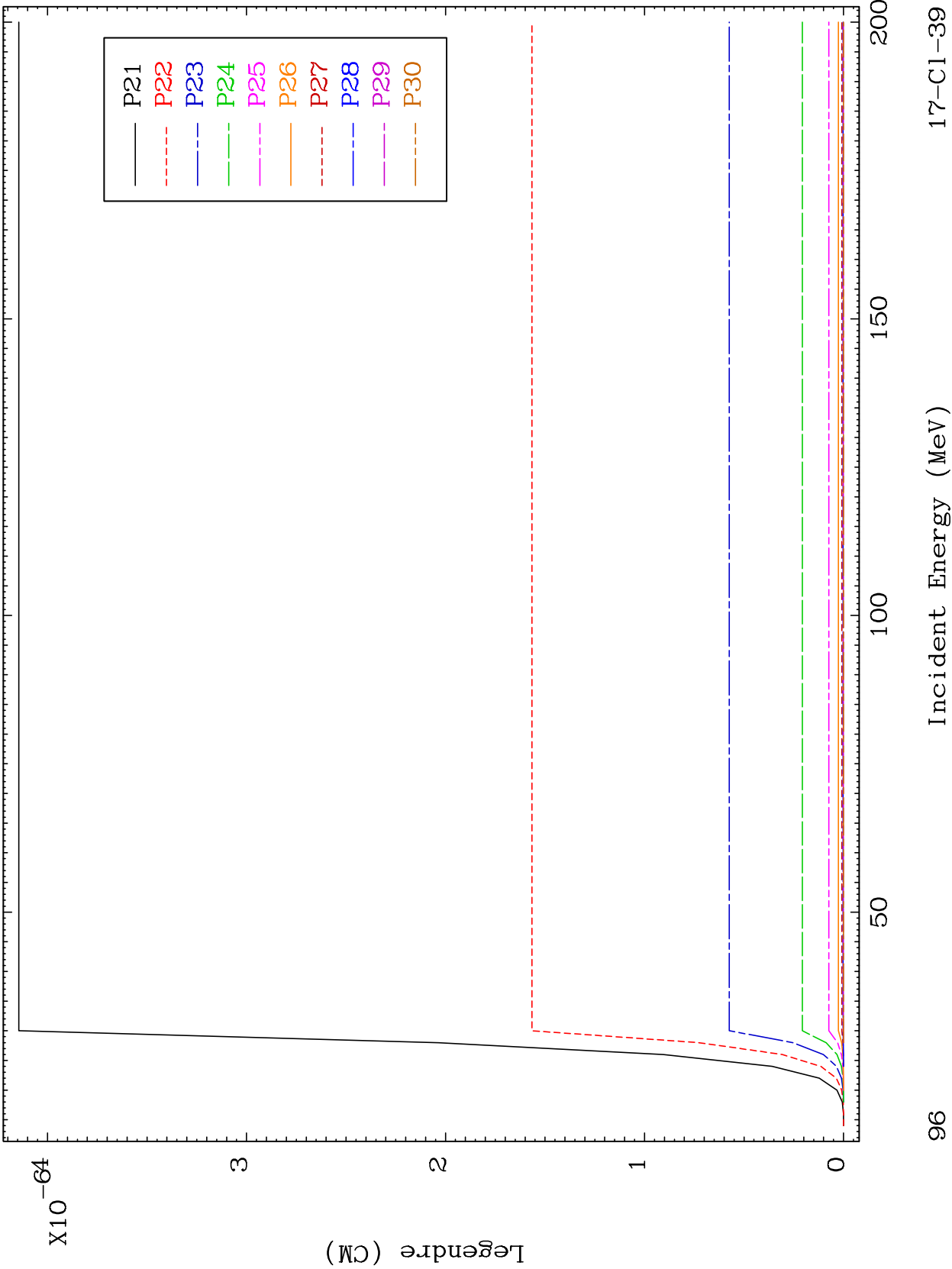
95

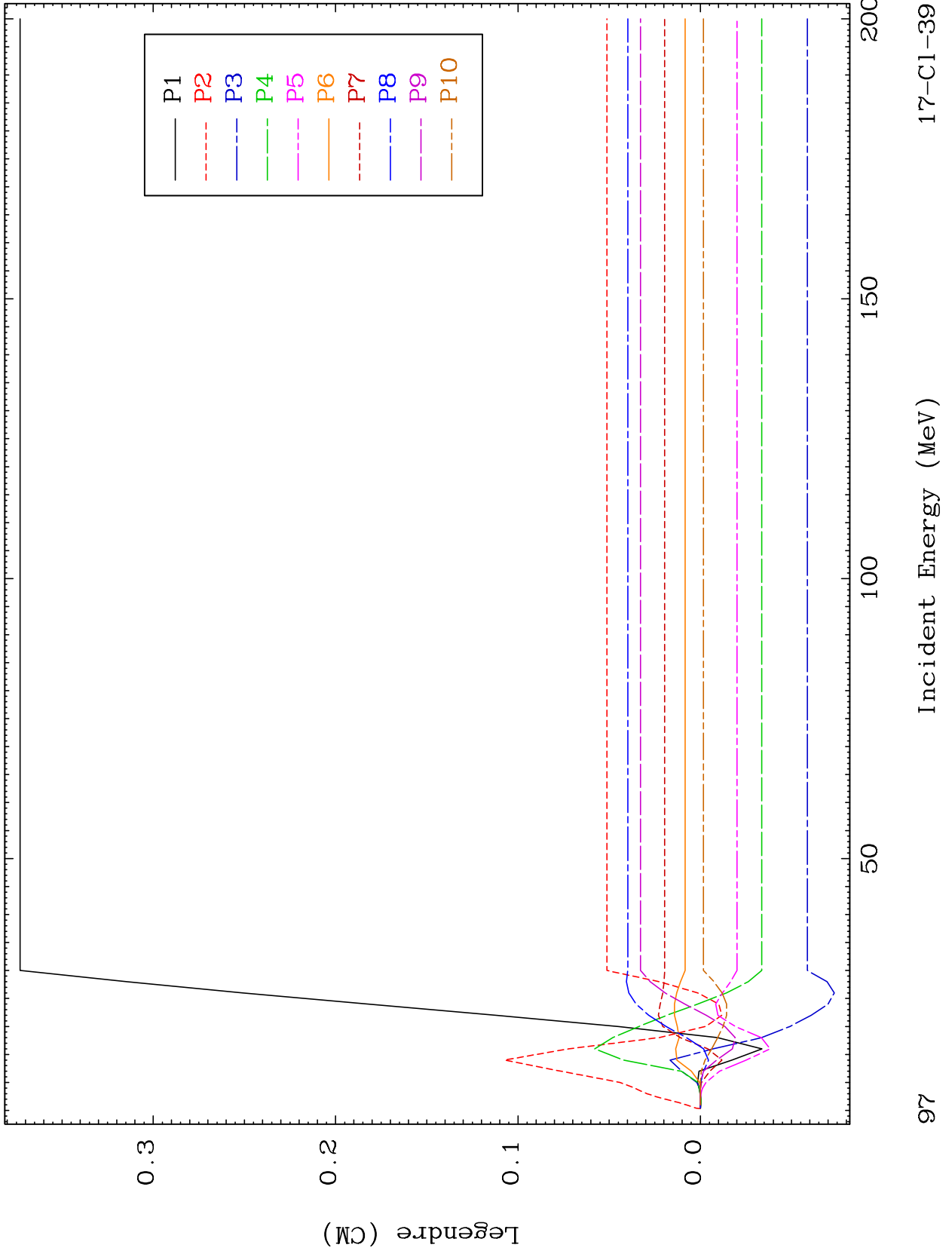
17-Cl-39

MAT 1737

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

17-Cl-39

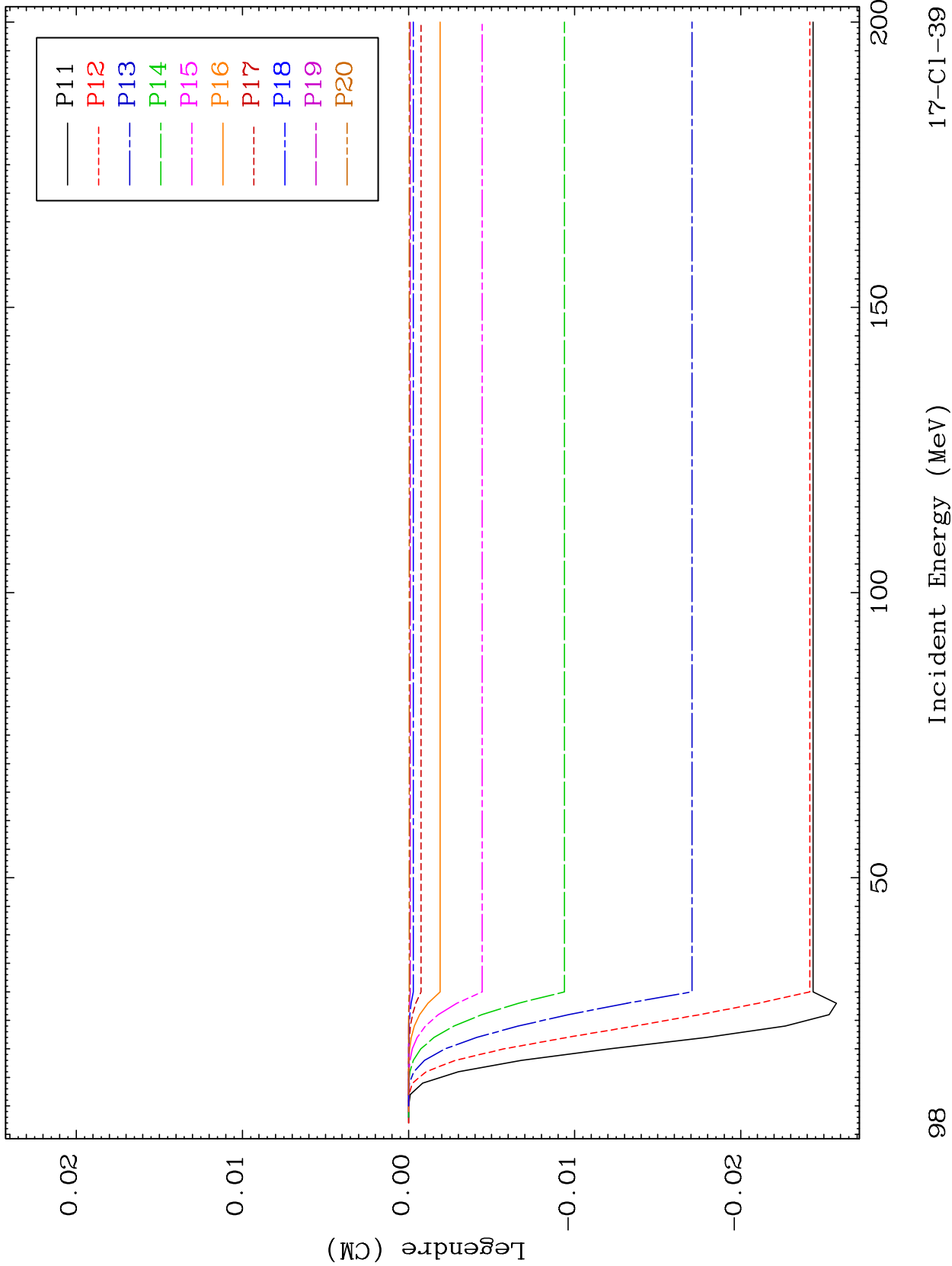




MAT 1737

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

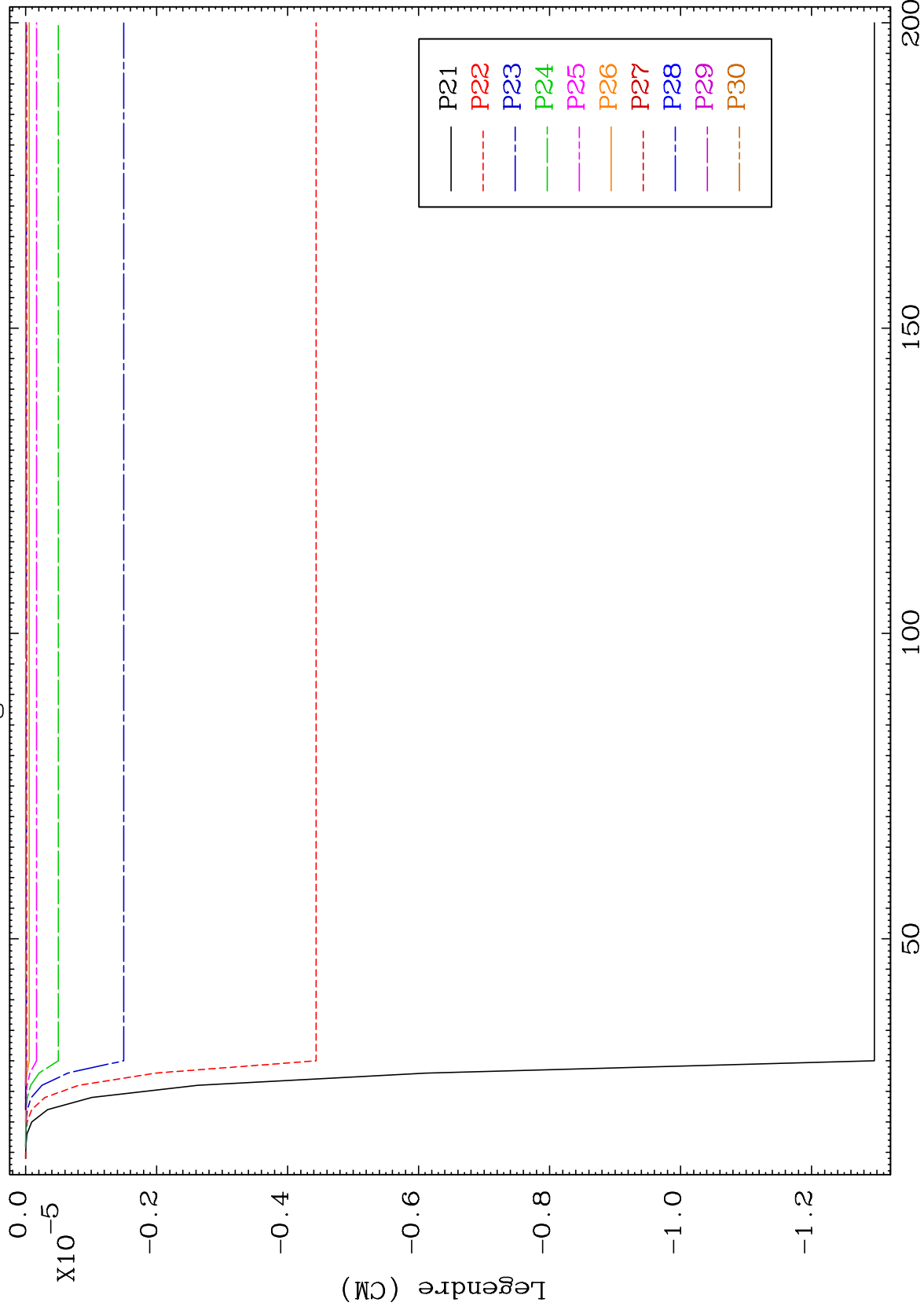
17-Cl-39



MAT 1737

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

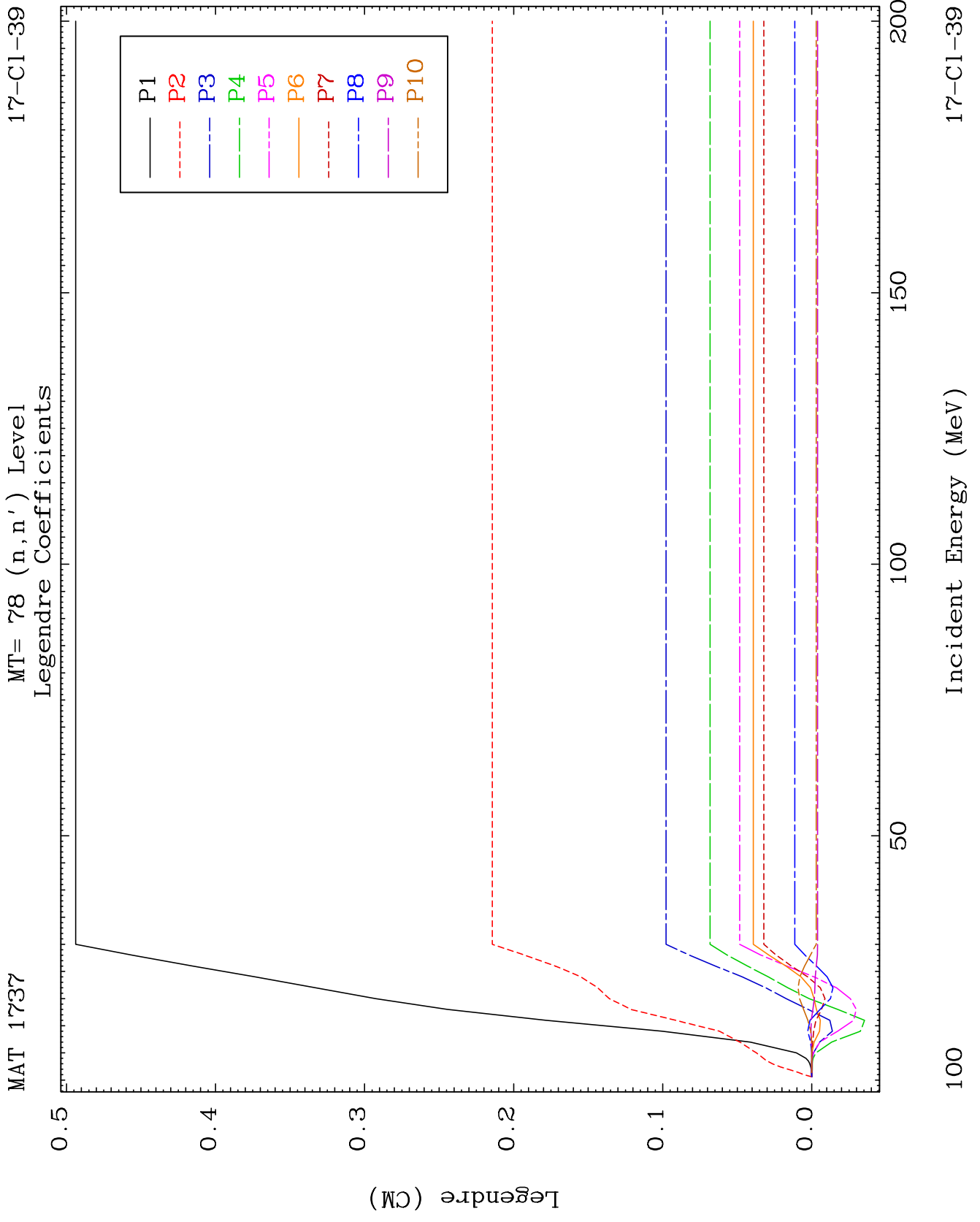
17-Cl-39



99

Incident Energy (MeV)

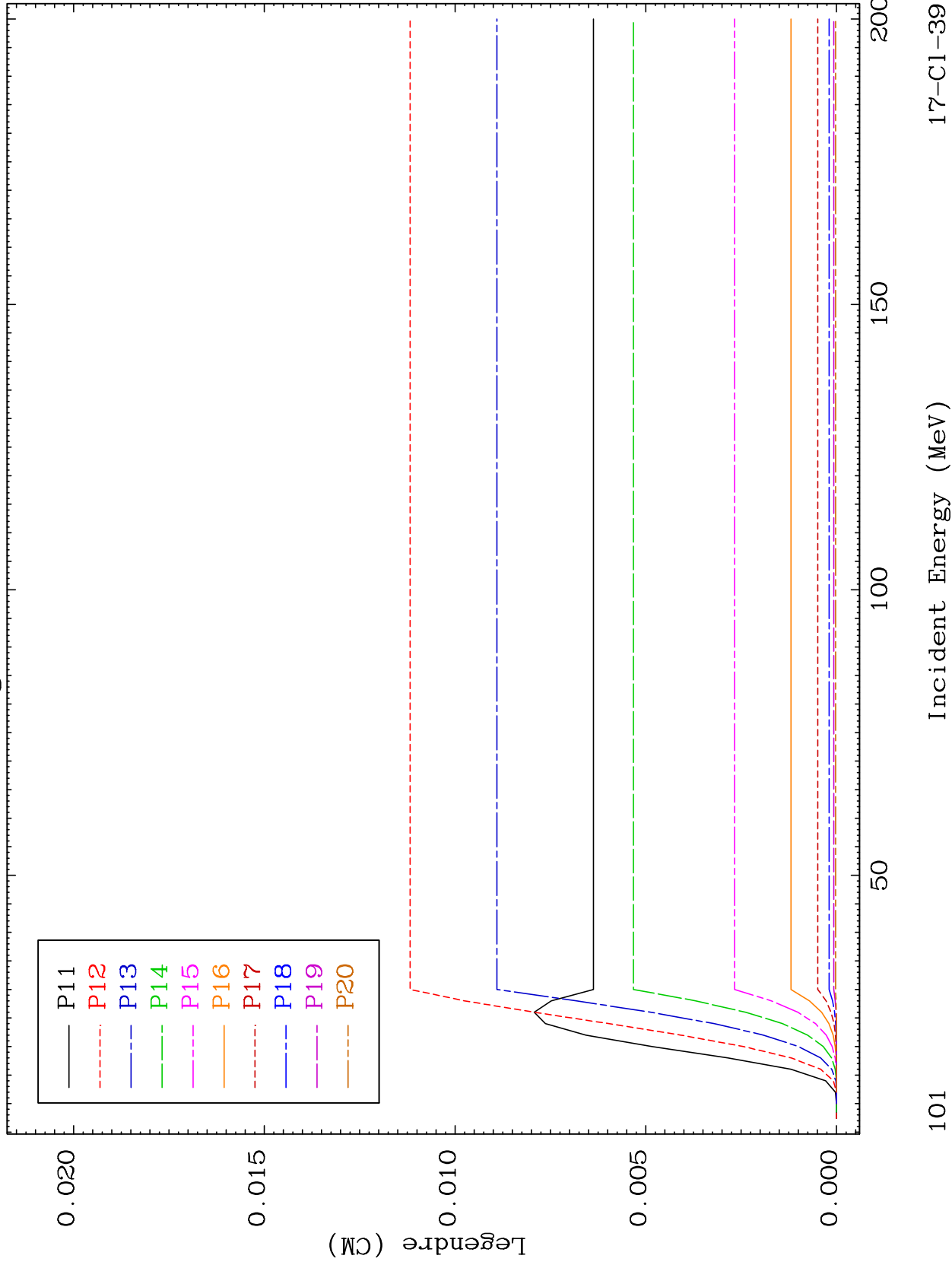
17-Cl-39



MAT 1737

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

17-Cl-39



101

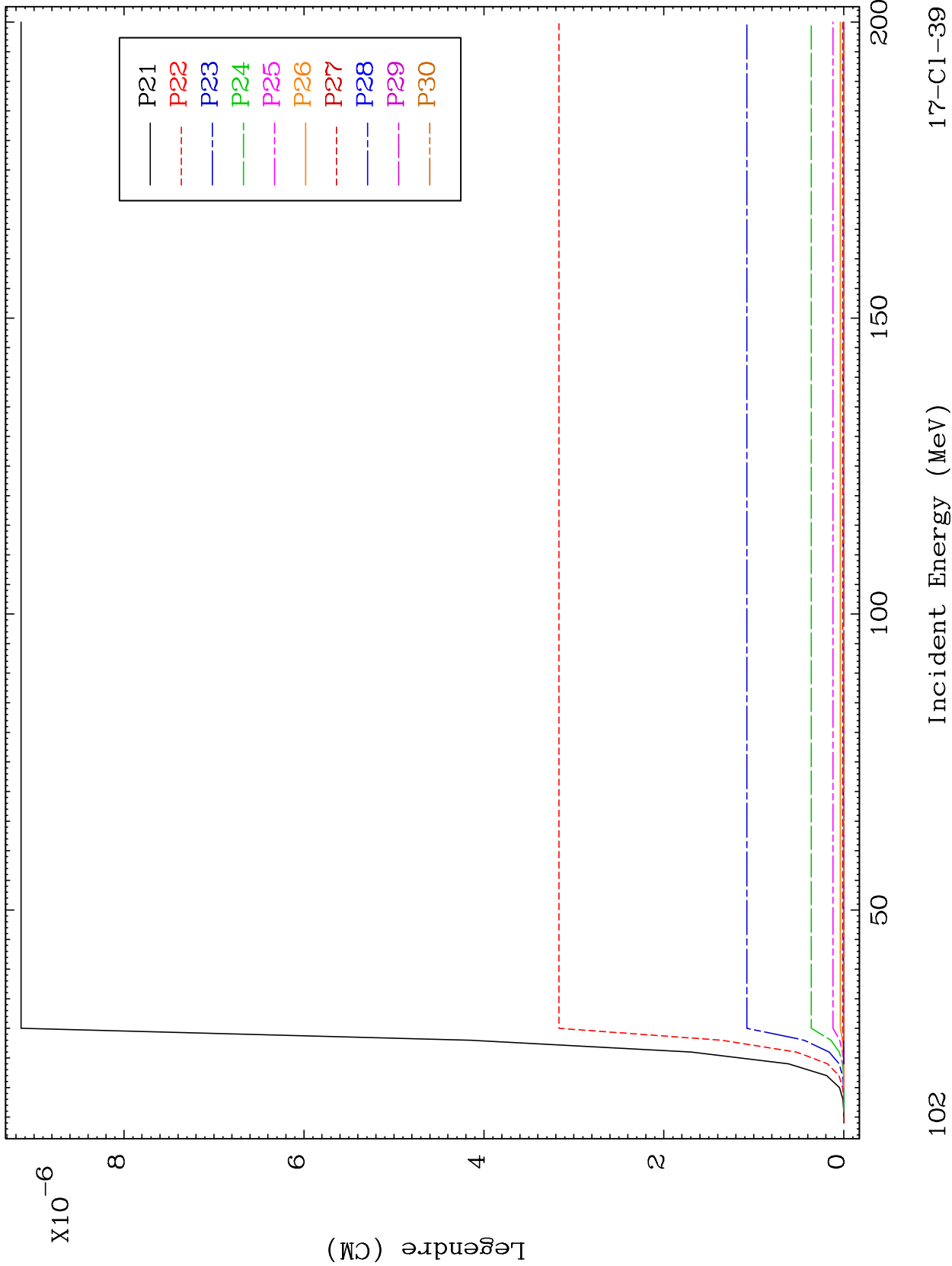
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

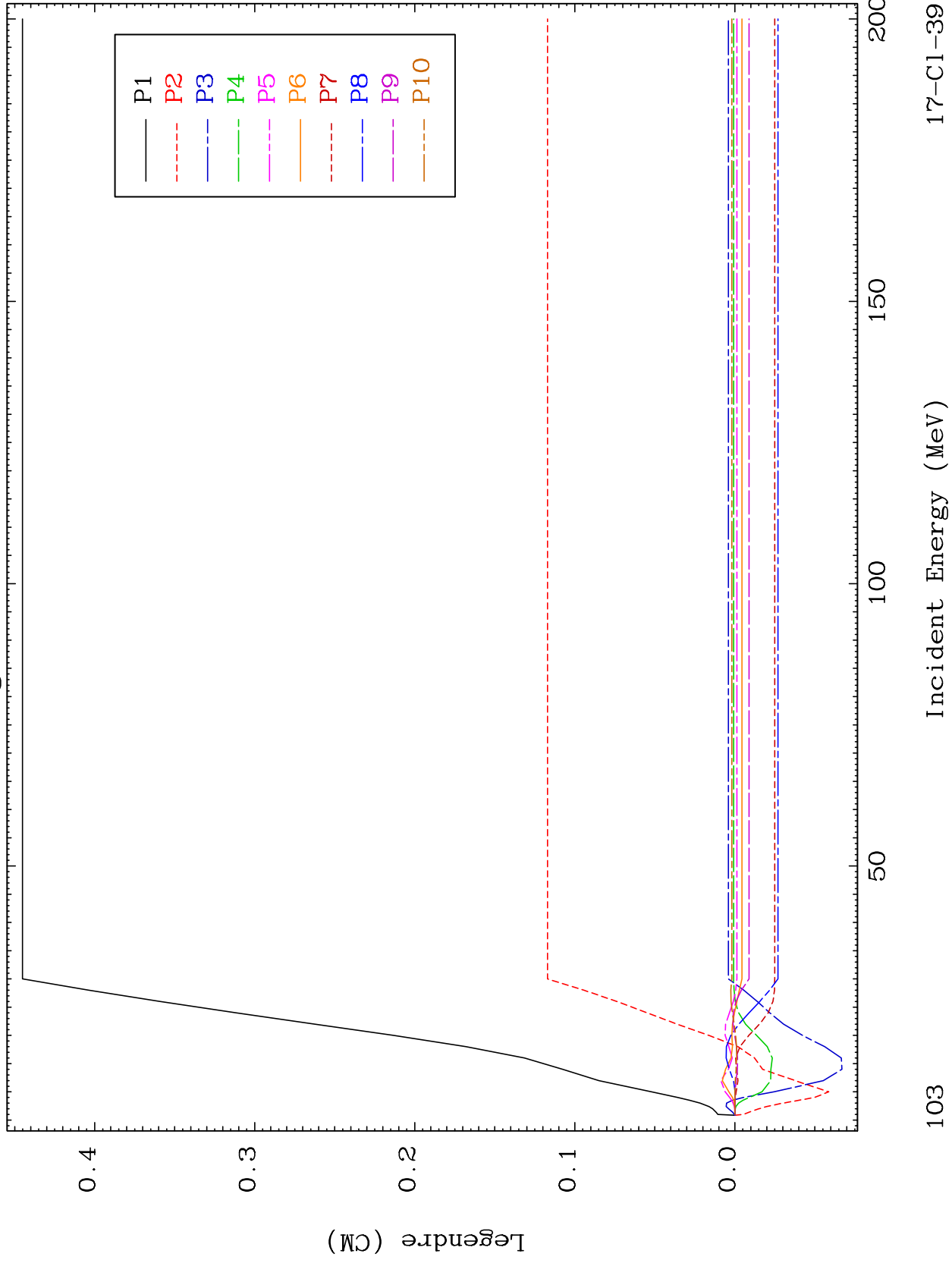
17-Cl-39



MAT 1737

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

17-Cl-39



17-Cl-39

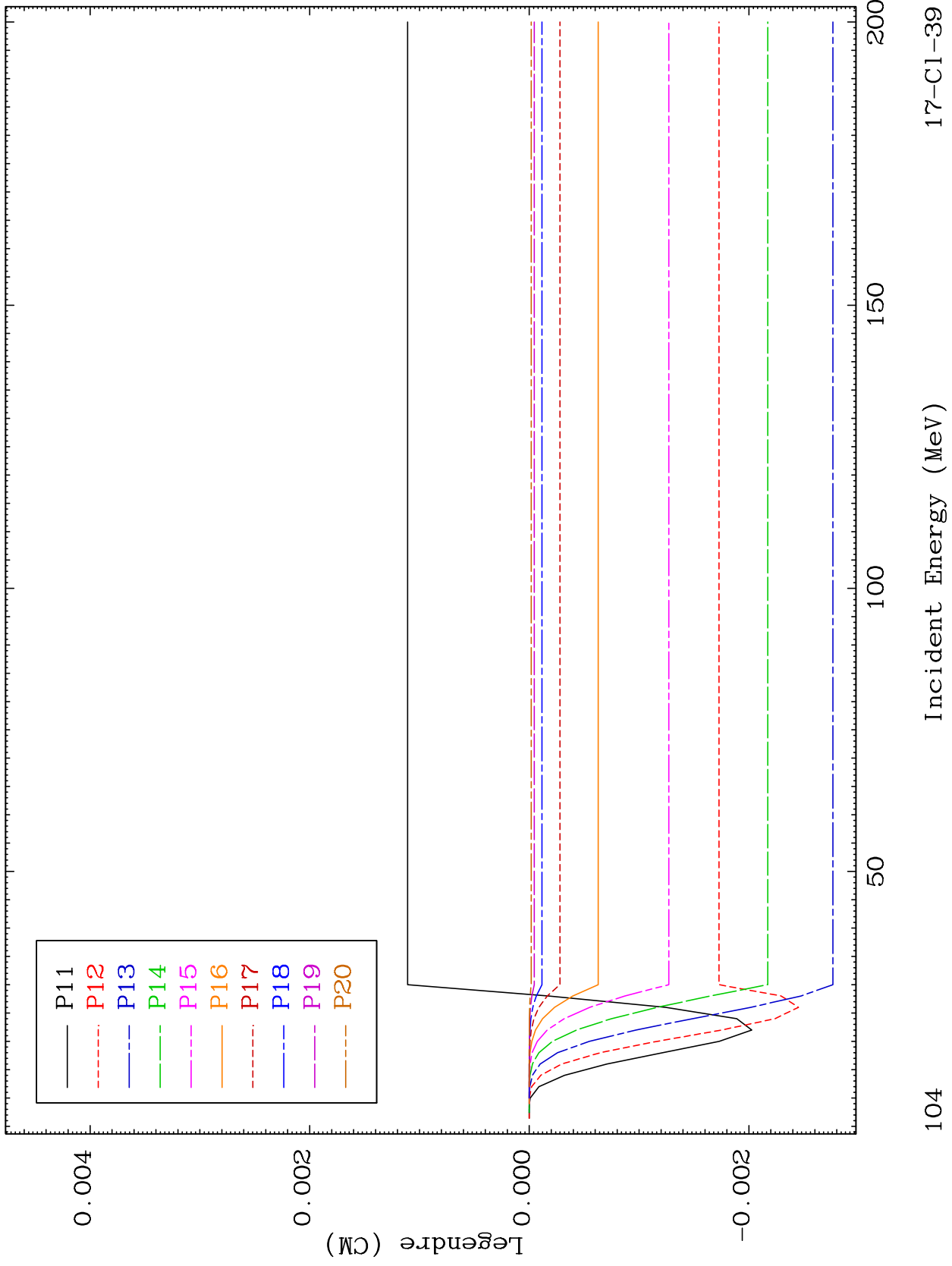
Incident Energy (MeV)

103

MAT 1737

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

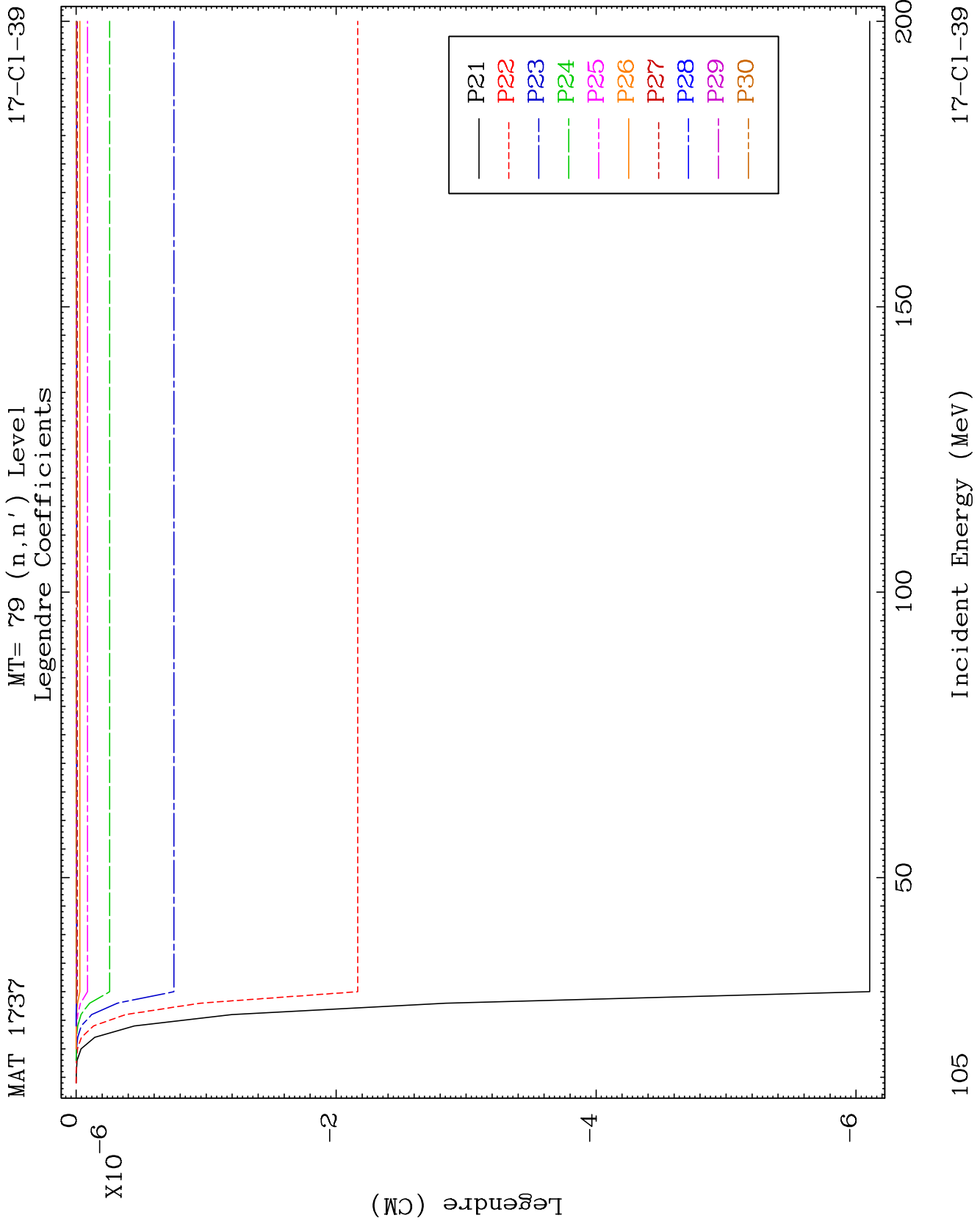
17-Cl-39



104

Incident Energy (MeV)

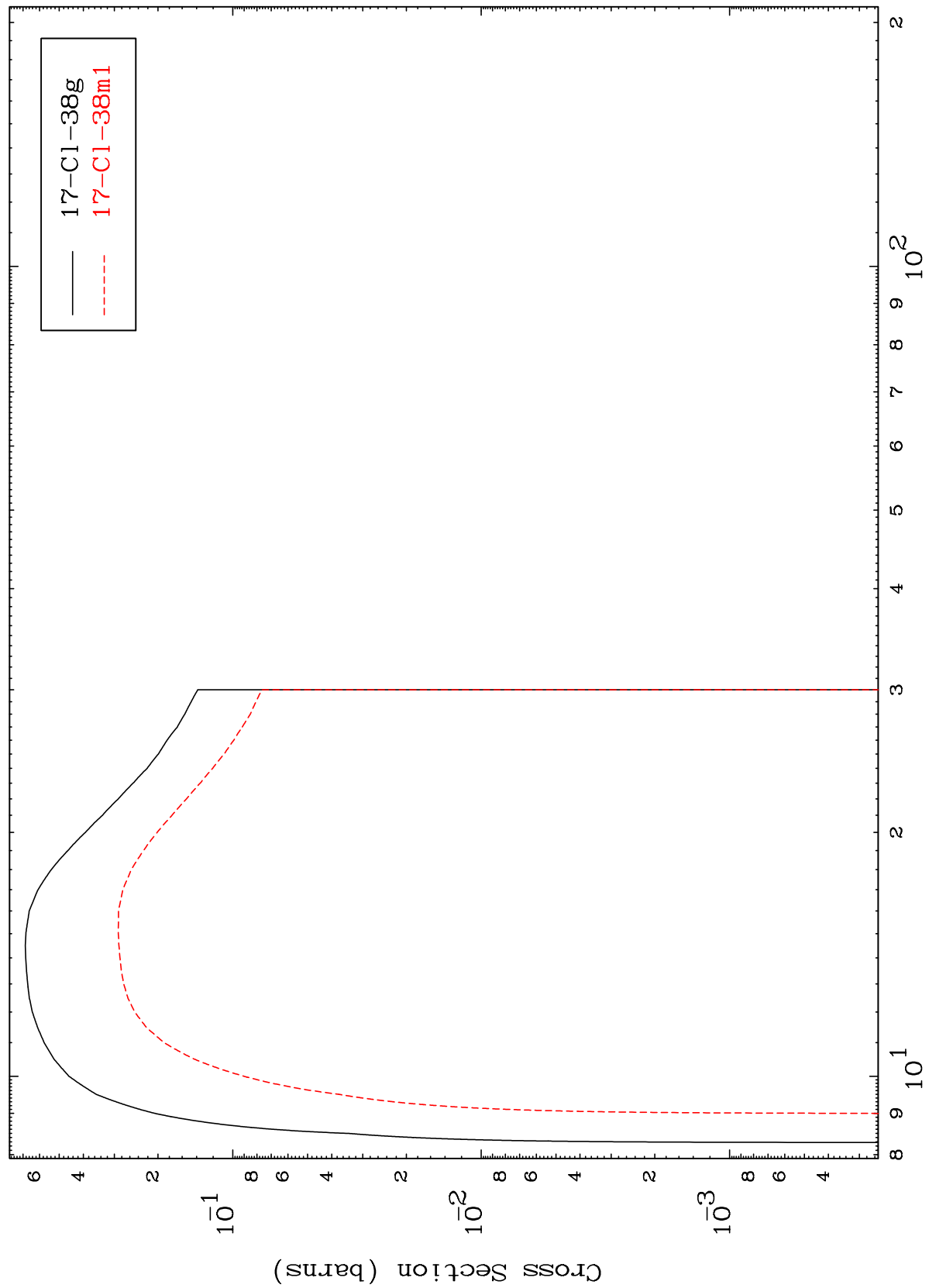
17-Cl-39



MAT 1737

17-Cl-39

(n,2n)  
Radionuclide Production Cross Section



17-Cl-39

Incident Energy (MeV)

106