

Program EVALPLOT  
(Version 2021-1)

by

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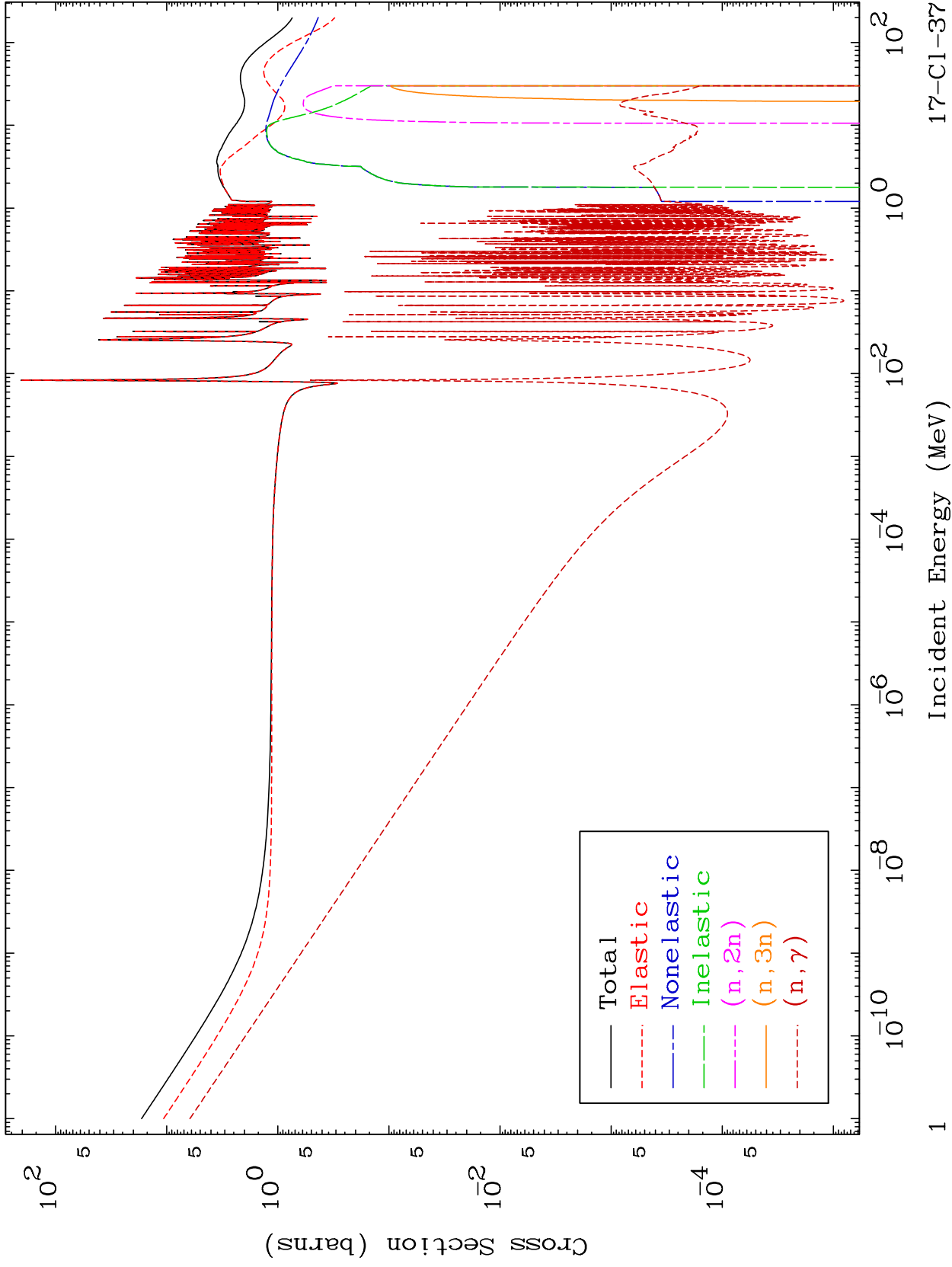
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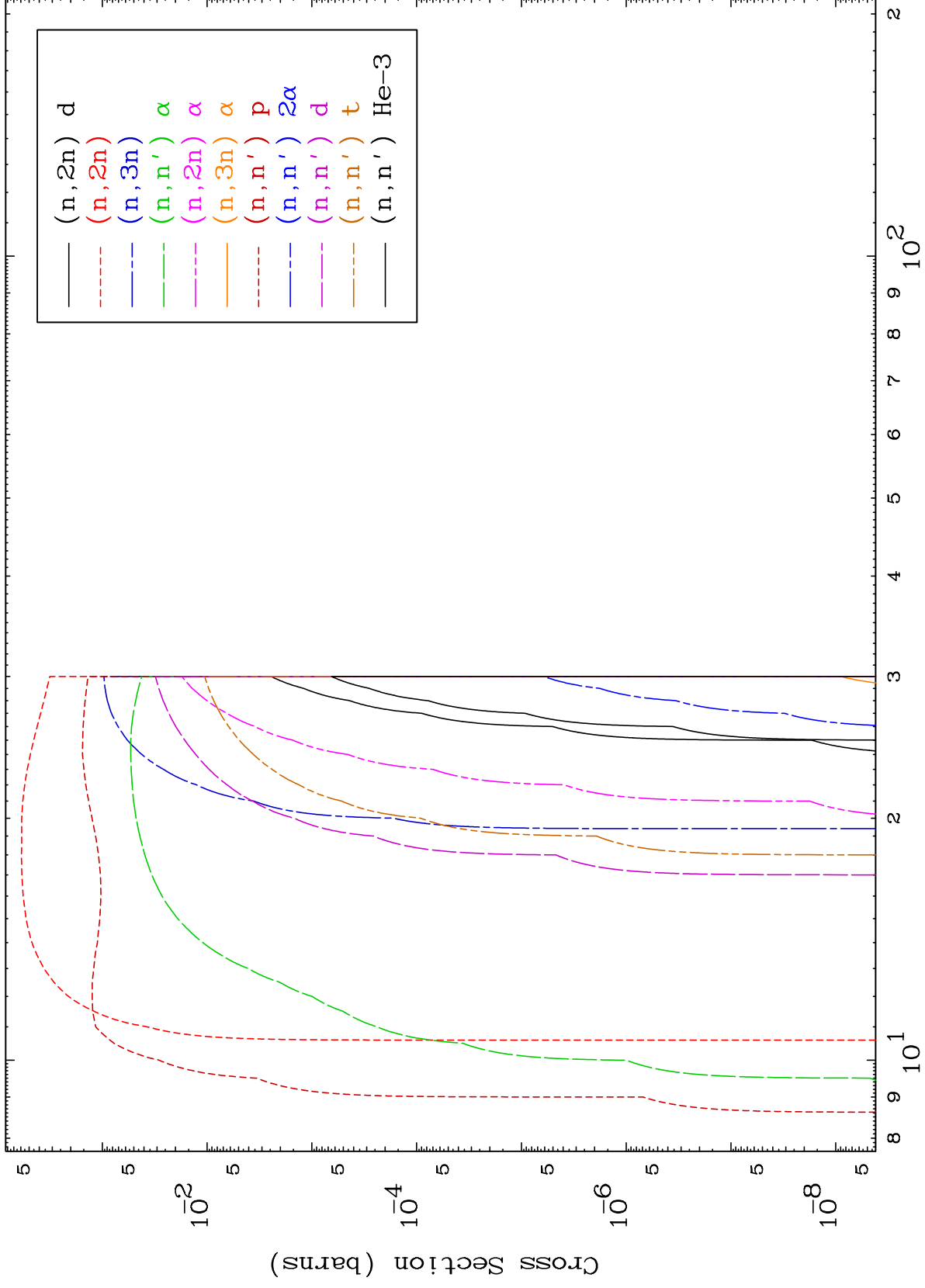
Press Mouse Button to Start

MAT 1731

Neutron Major  
293 Kelvin Cross Sections

17-Cl-37

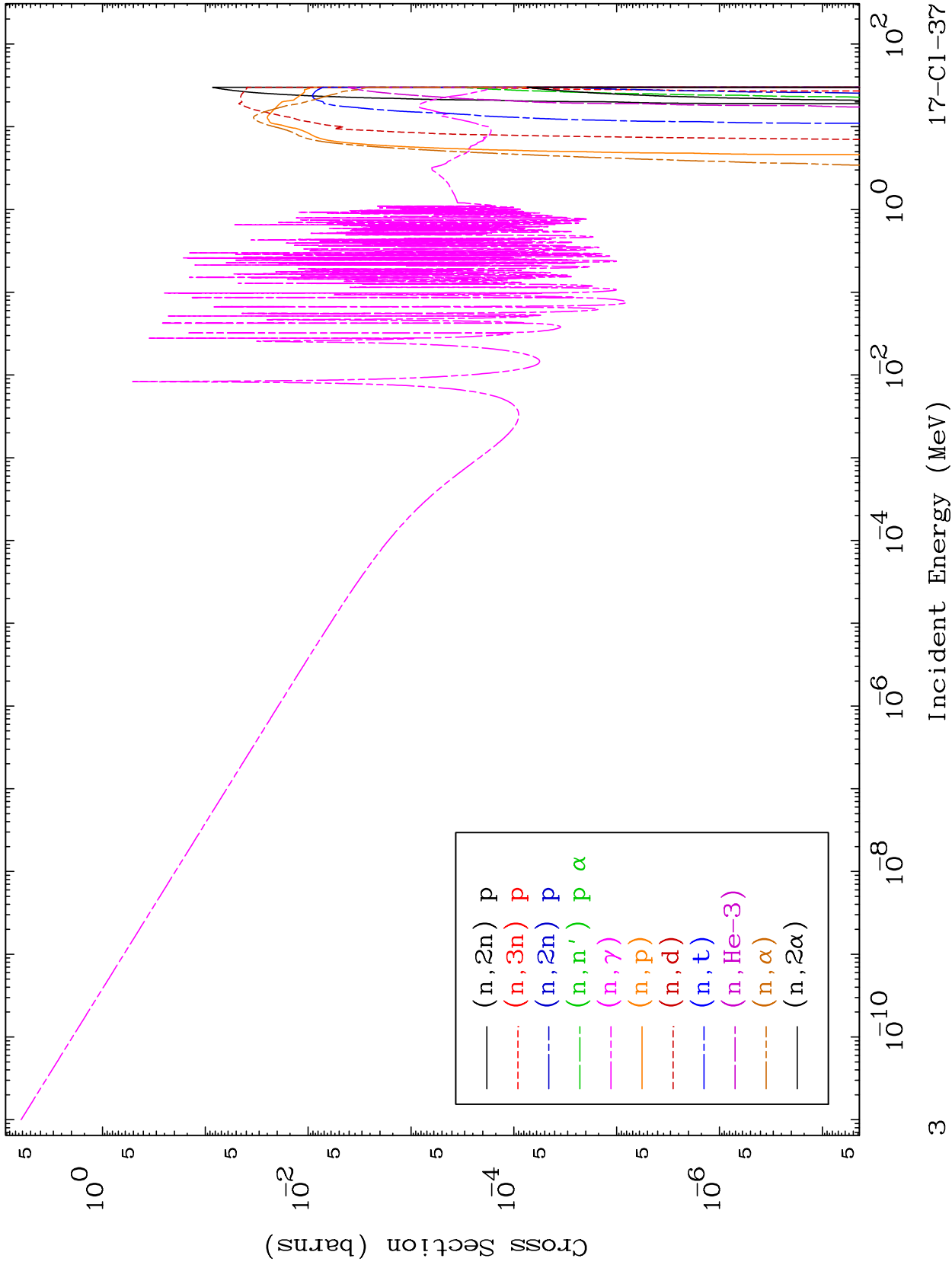


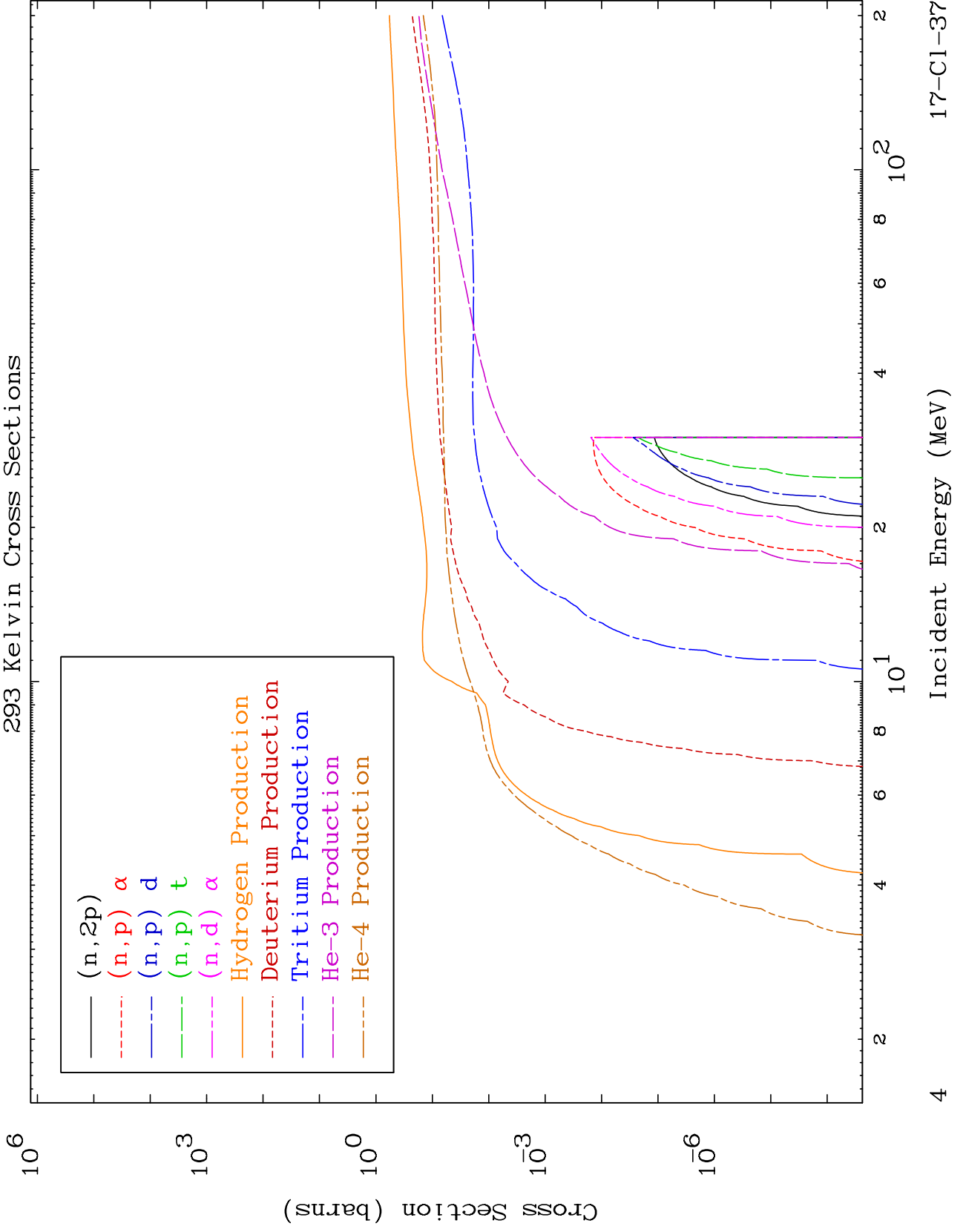


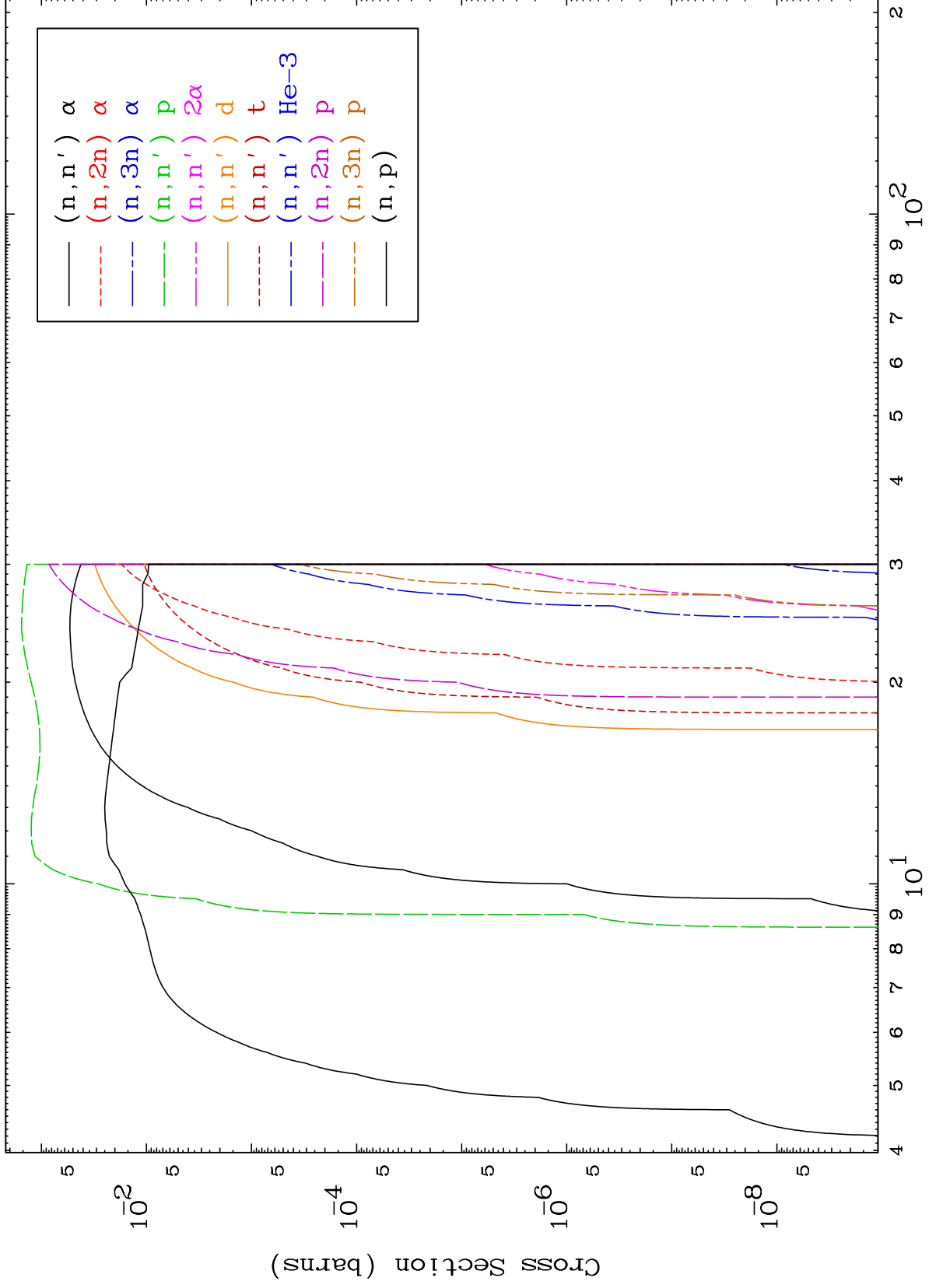
MAT 1731

Neutron Absorption  
293 Kelvin Cross Sections

17-Cl-37



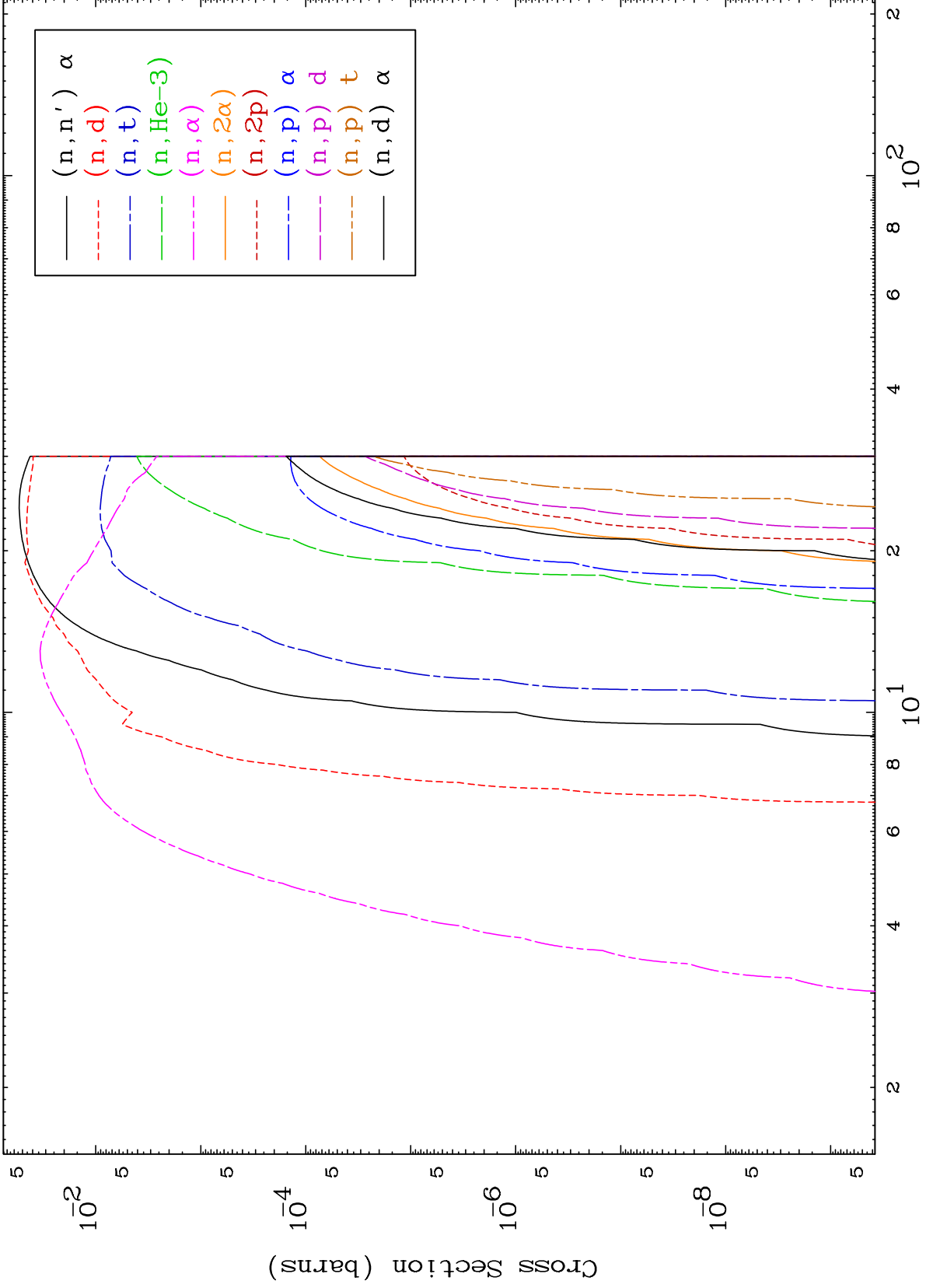




MAT 1731

Charged Particle  
293 Kelvin Cross Sections

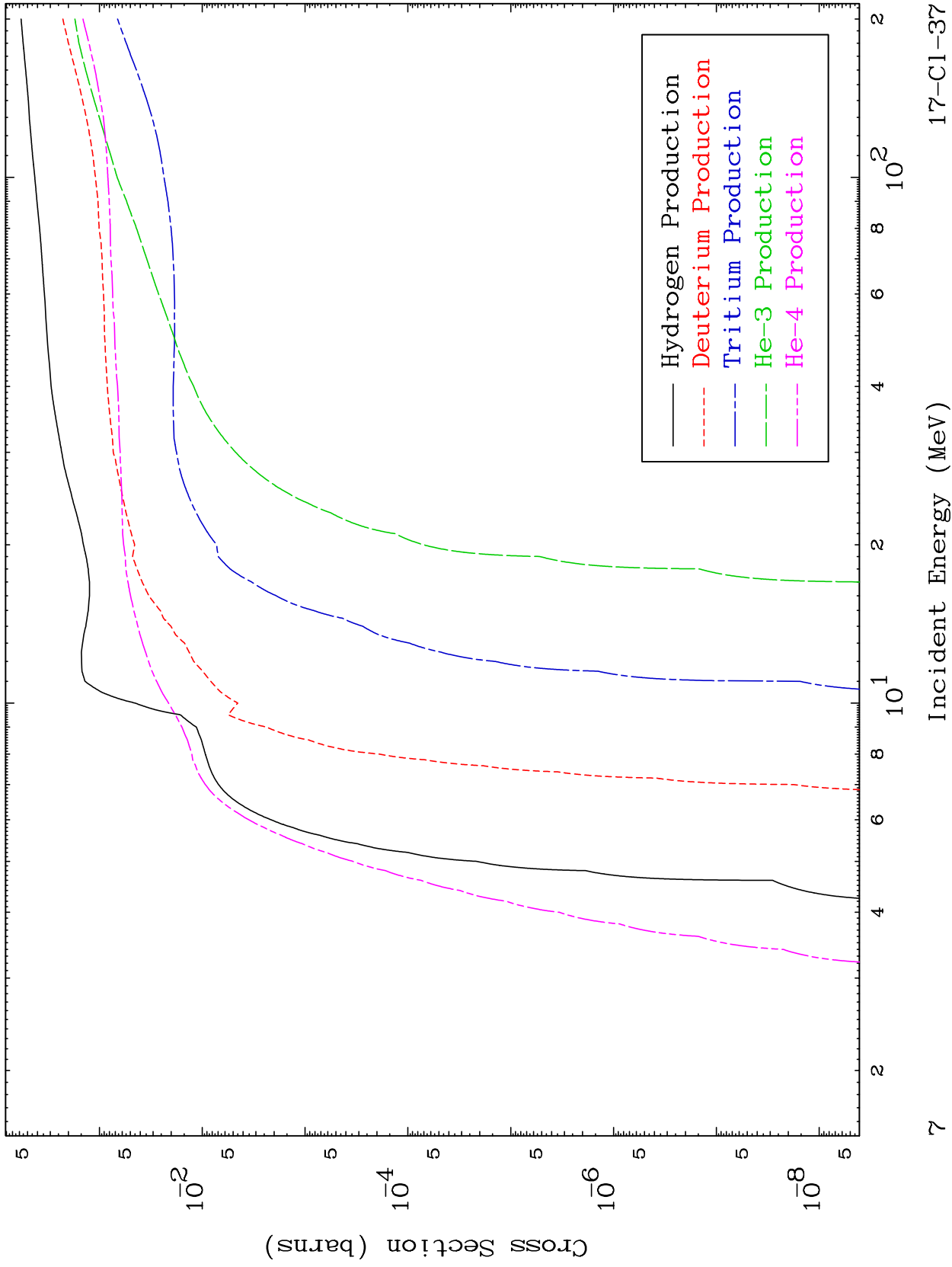
17-Cl-37



6

Incident Energy (MeV)

17-Cl-37



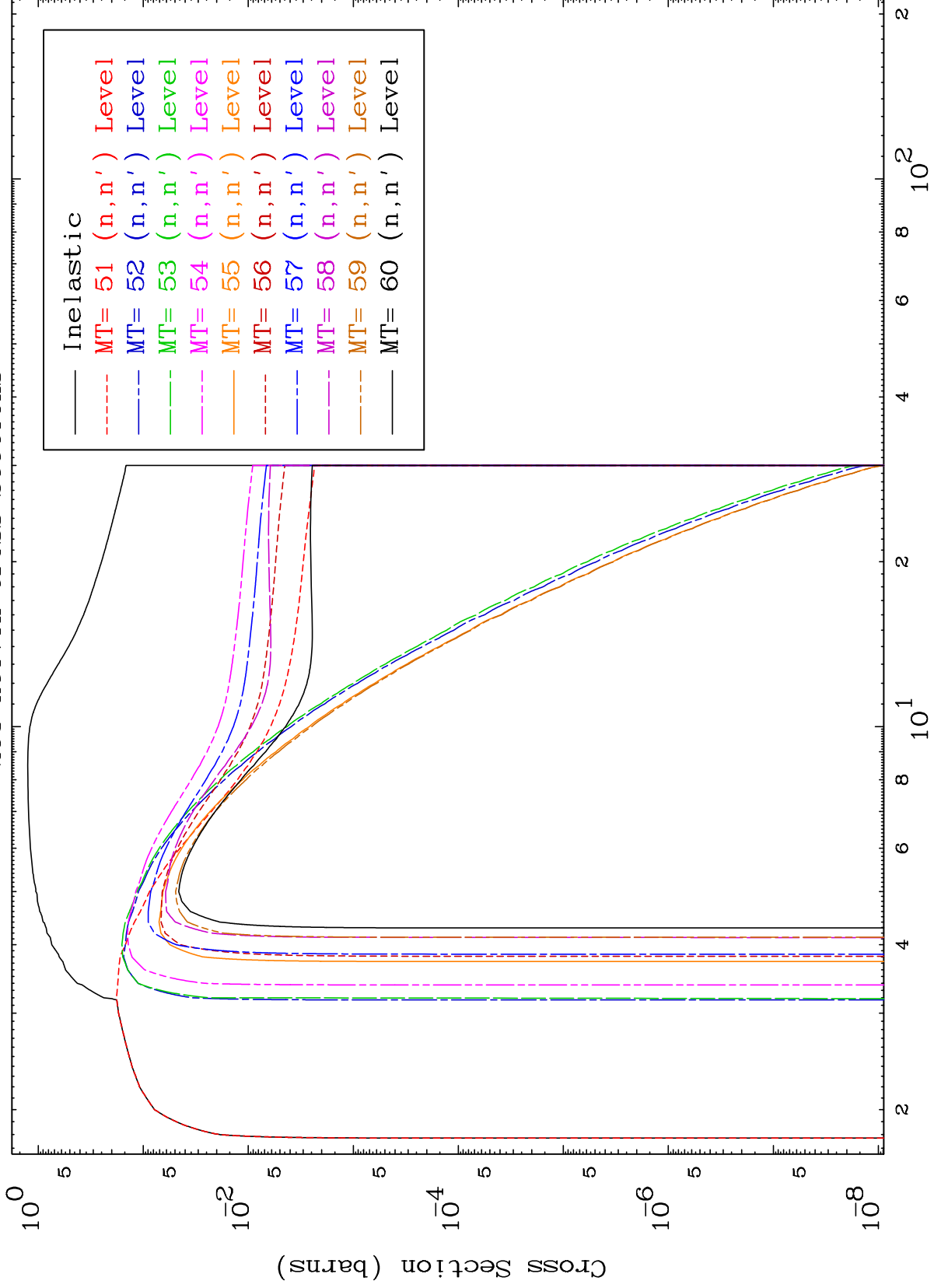


MAT 1731

(n,n') Levels

17-Cl-37

293 Kelvin Cross Sections



8

Incident Energy (MeV)

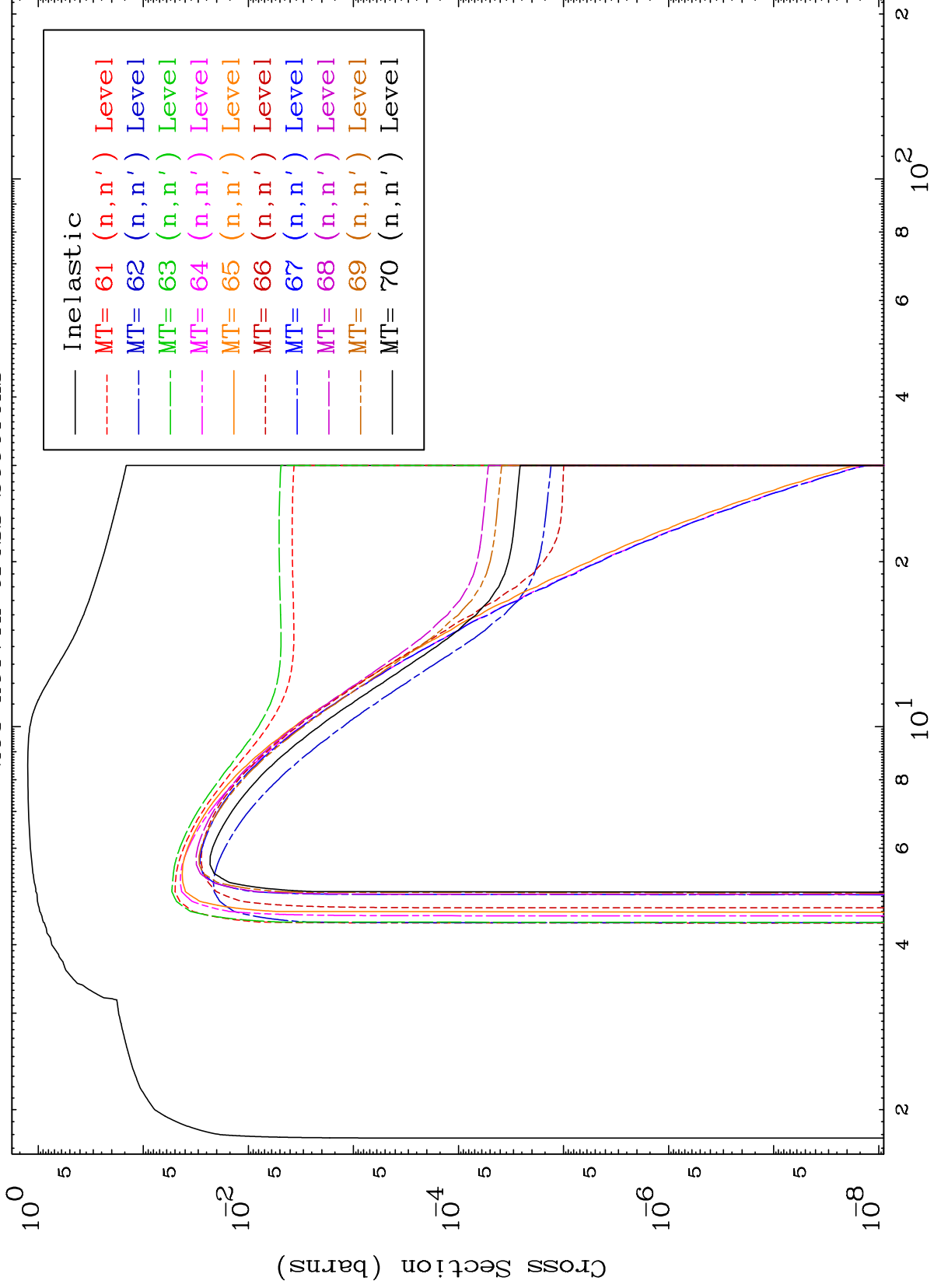
17-Cl-37

MAT 1731

(n,n') Levels

17-Cl-37

293 Kelvin Cross Sections



9

Incident Energy (MeV)

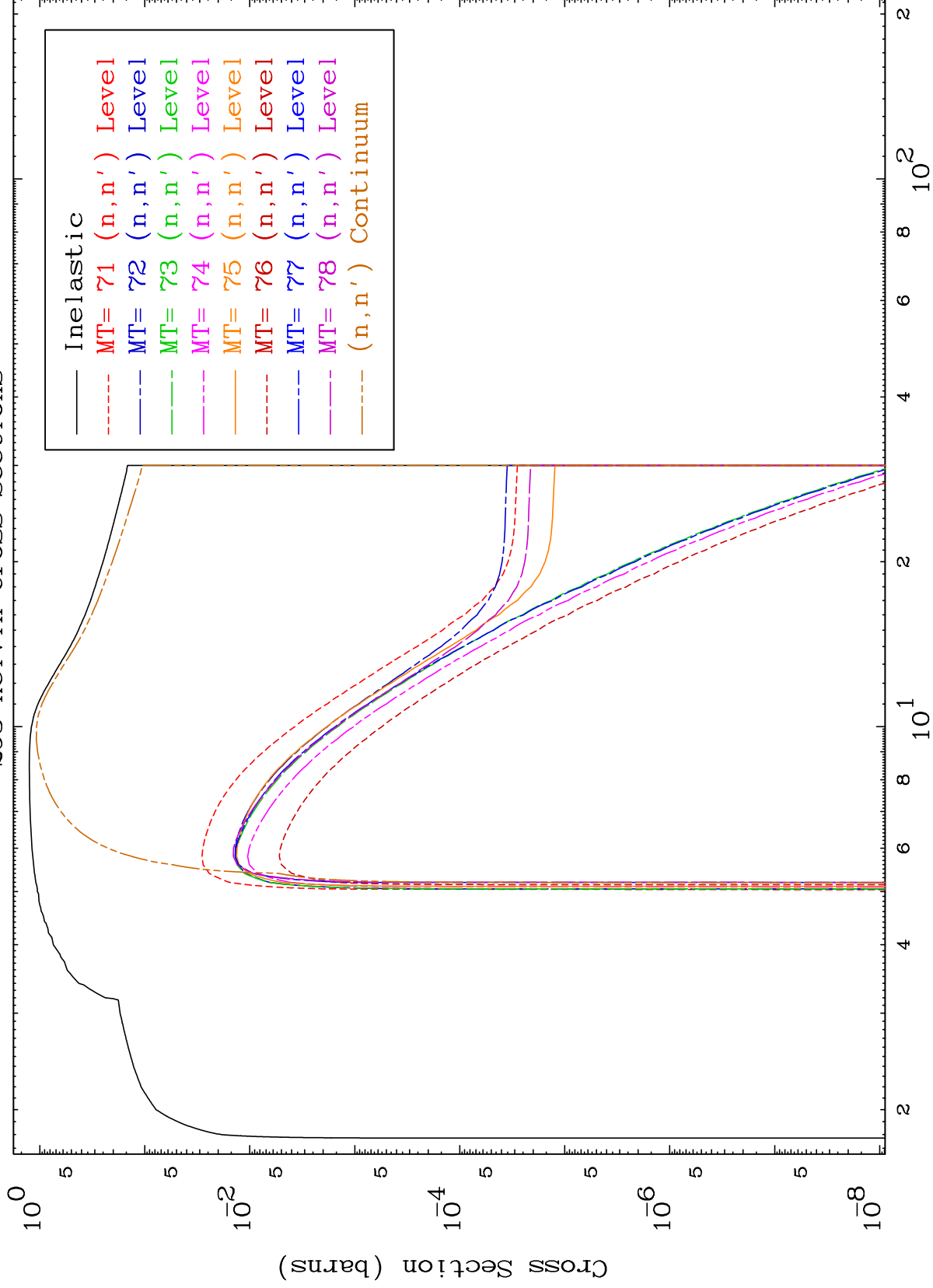
17-Cl-37

MAT 1731

(n,n') Levels

17-Cl-37

293 Kelvin Cross Sections



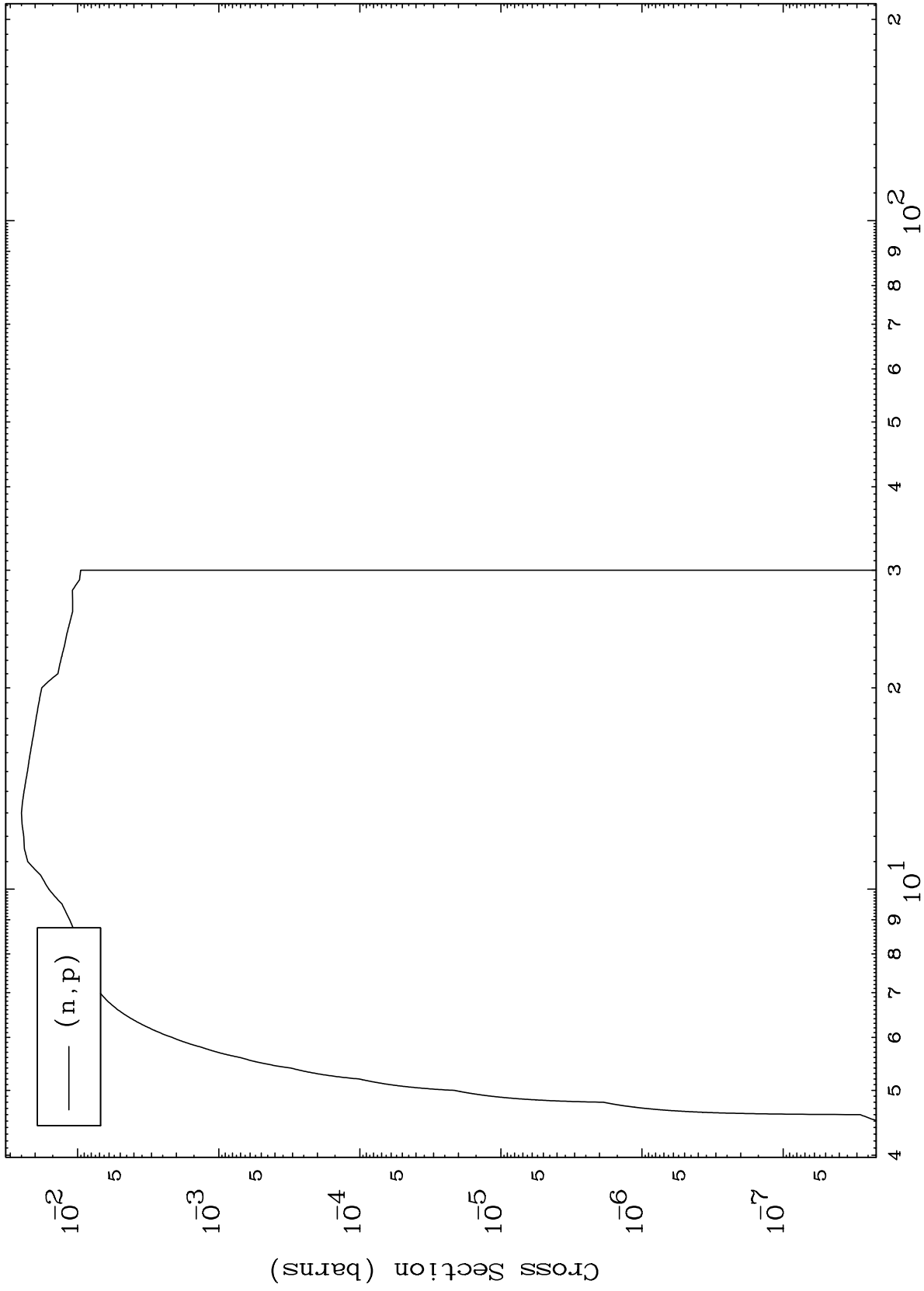
Incident Energy (MeV)

17-Cl-37

MAT 1731

(n,p) Levels  
293 Kelvin Cross Sections

17-Cl-37



11

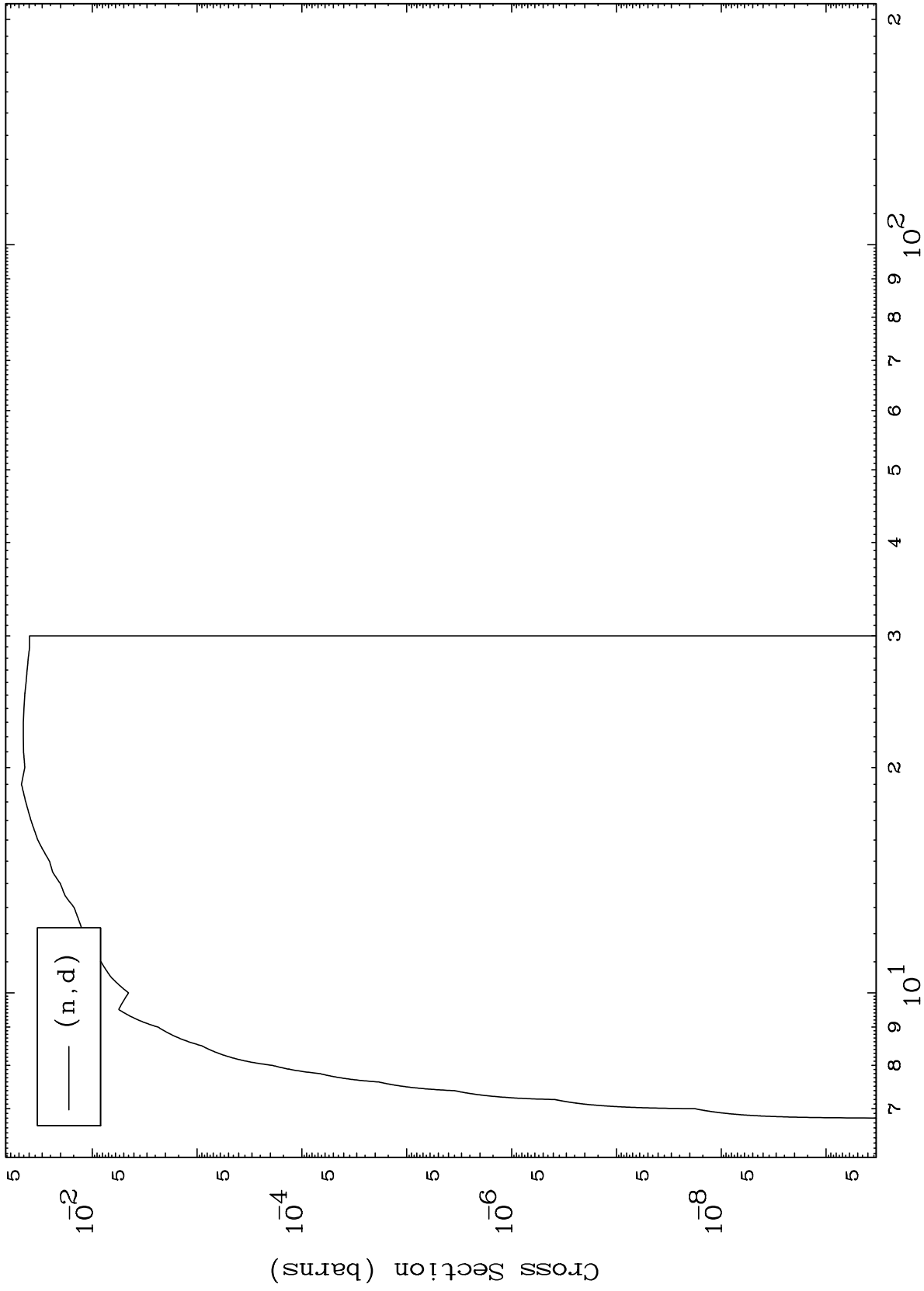
Incident Energy (MeV)

17-Cl-37

MAT 1731

(n,d) Levels  
293 Kelvin Cross Sections

17-Cl-37



12

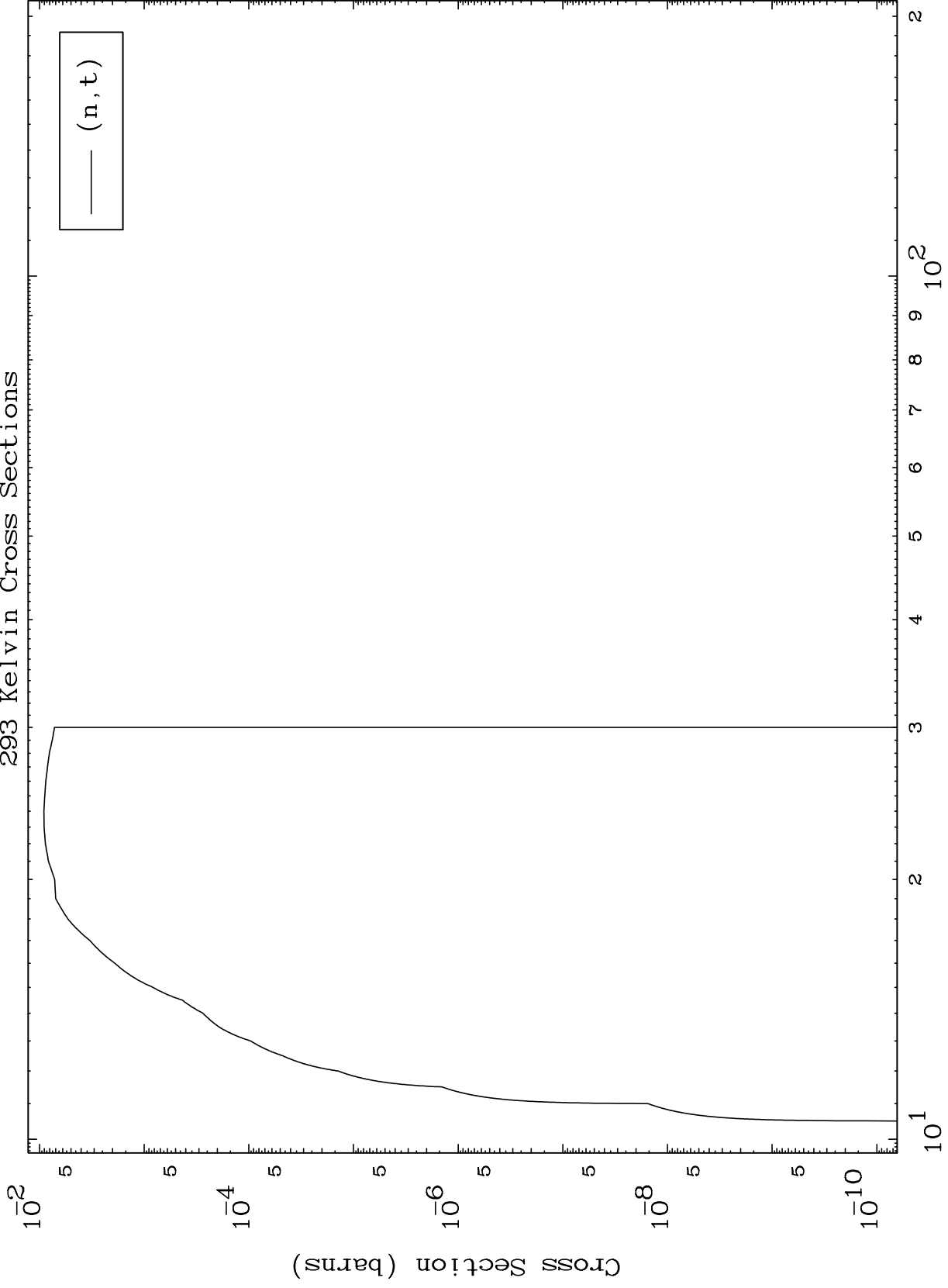
Incident Energy (MeV)

17-Cl-37

MAT 1731

(n,t) Levels  
293 Kelvin Cross Sections

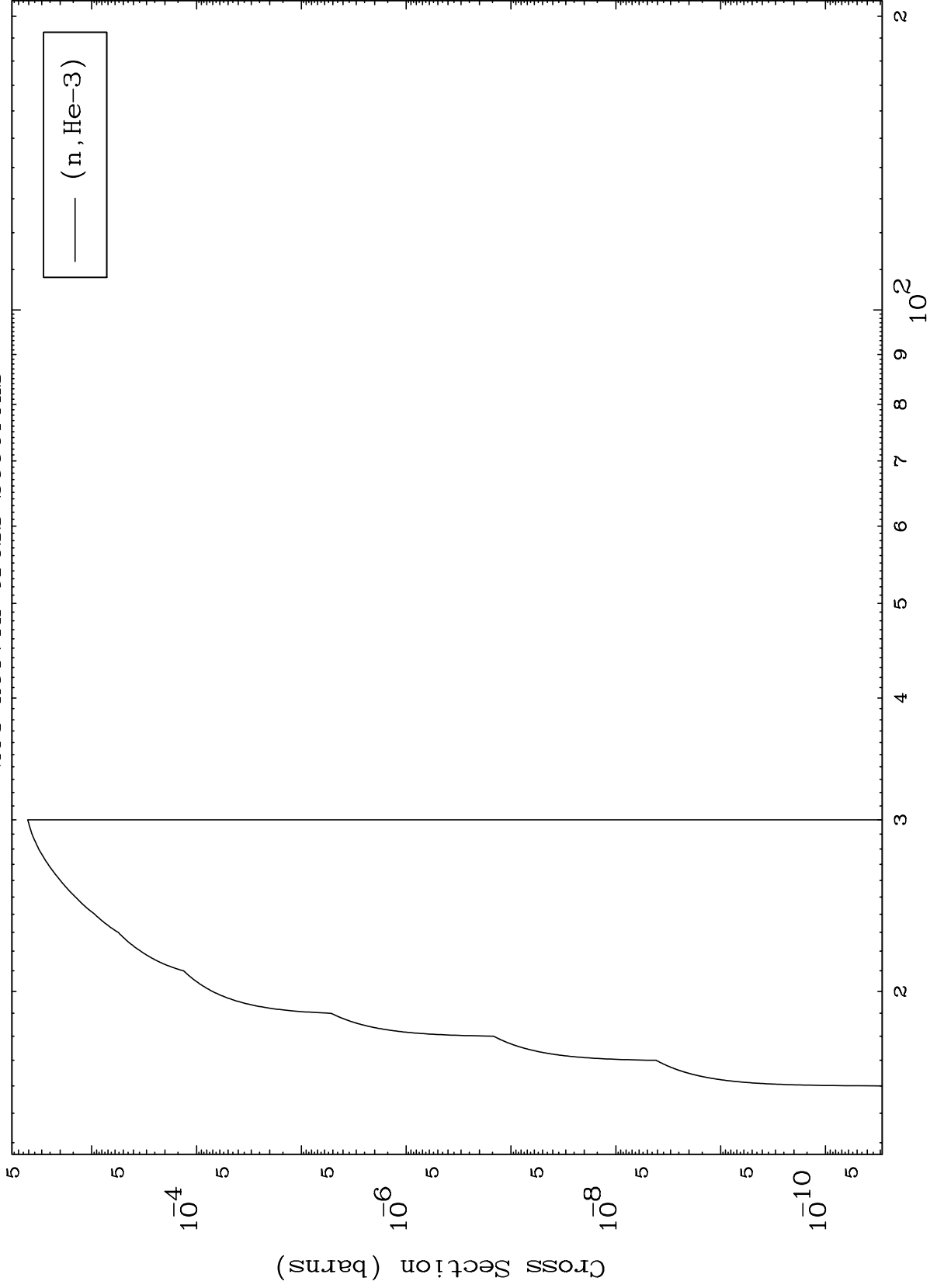
17-Cl-37



13

Incident Energy (MeV)

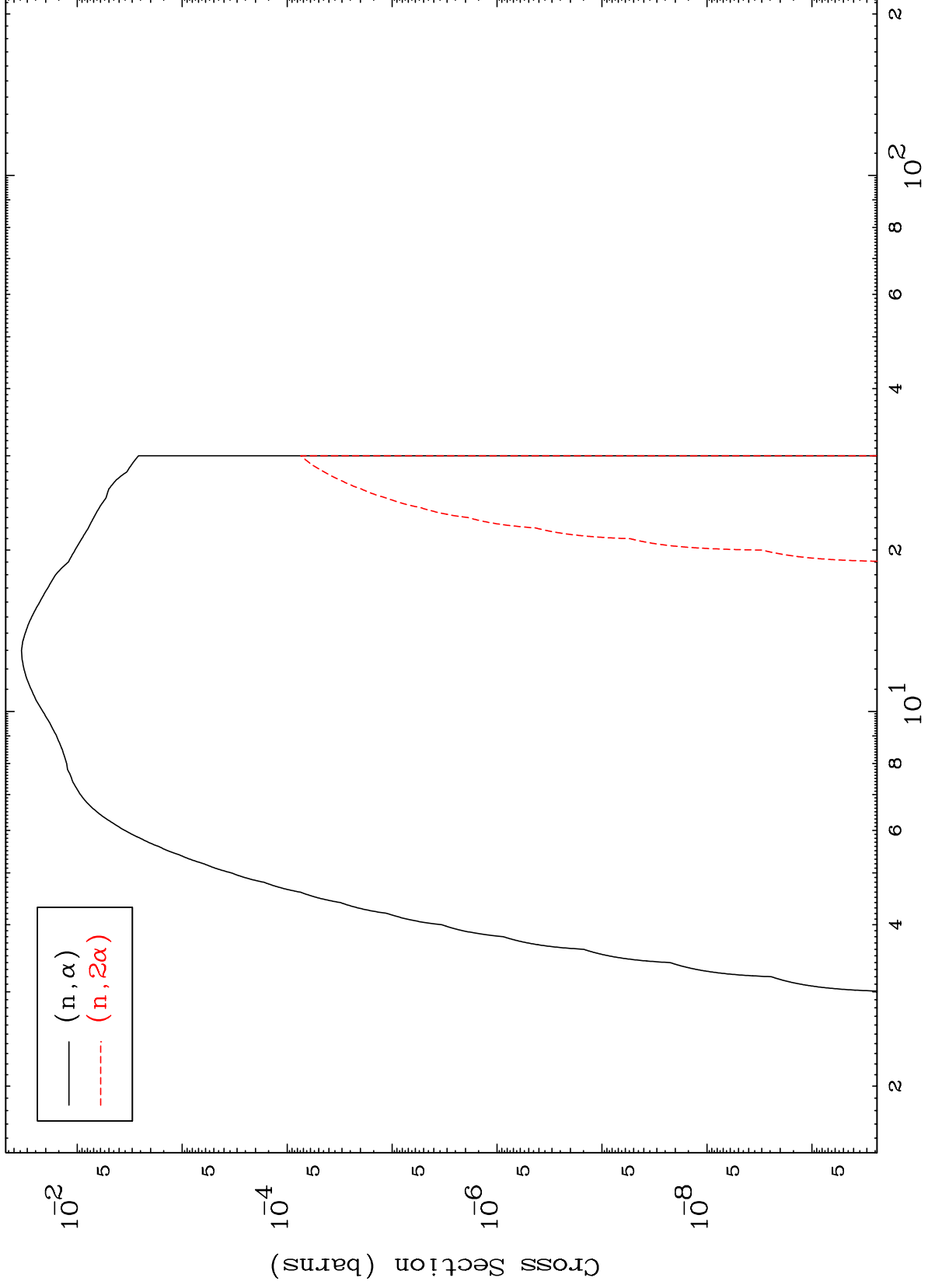
17-Cl-37



MAT 1731

(n,α) Levels  
293 Kelvin Cross Sections

17-Cl-37



15

Incident Energy (MeV)

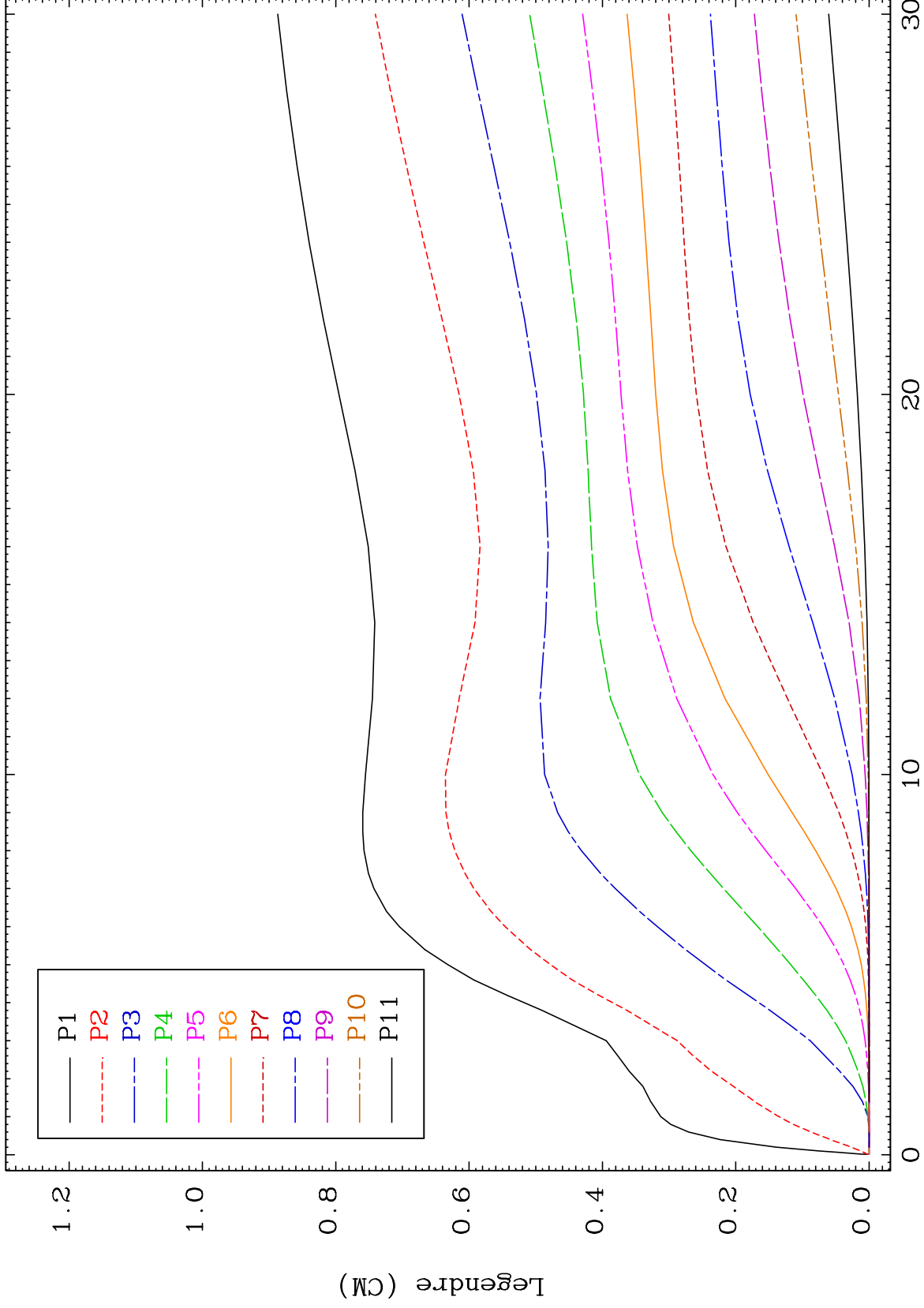
17-Cl-37



MAT 1731

Elastic Legendre Coefficients

17-Cl-37



16

Incident Energy (MeV)

17-Cl-37



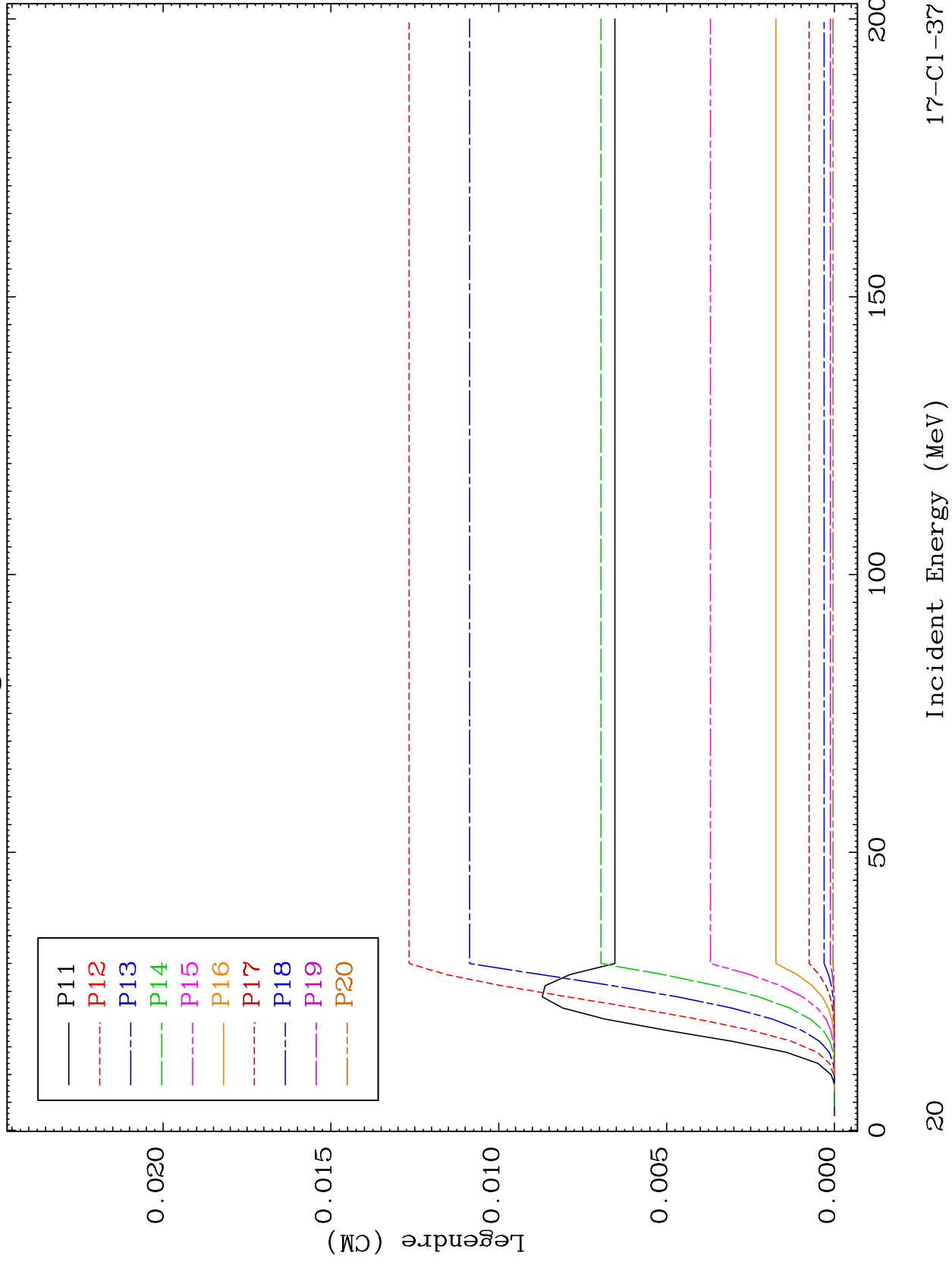




MAT 1731

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

17-Cl-37



17-Cl-37

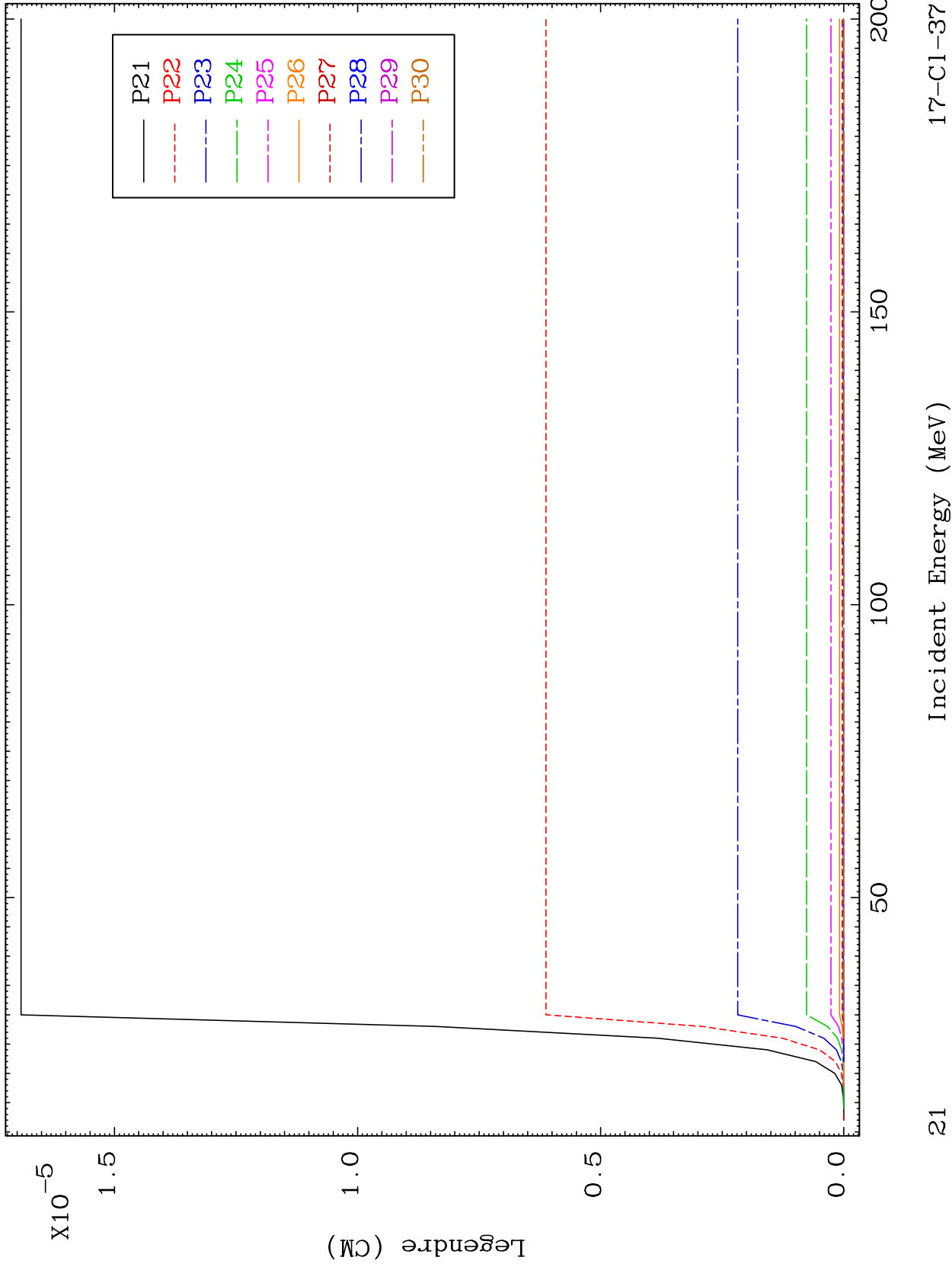
Incident Energy (MeV)

20

MAT 1731

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

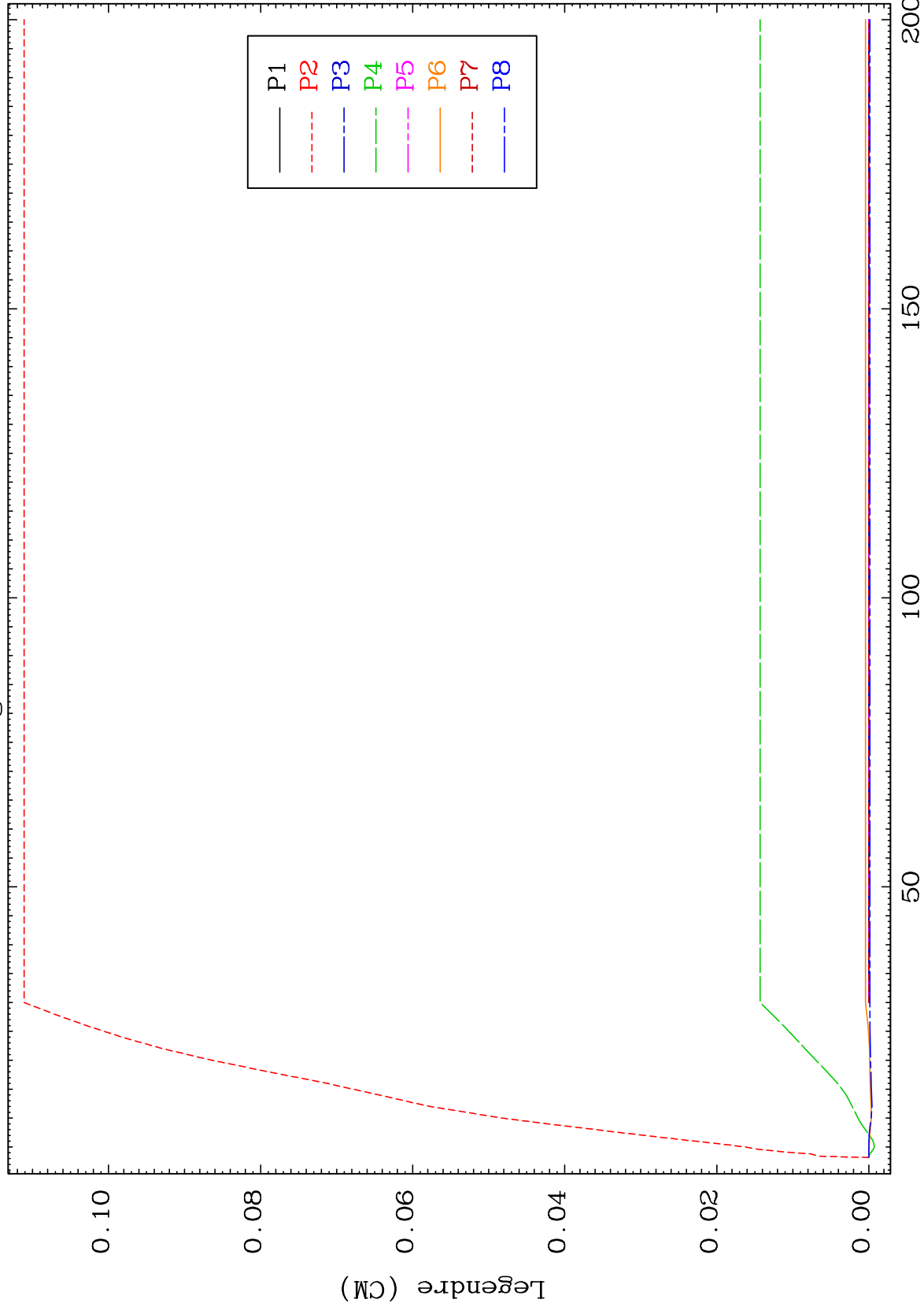
17-Cl-37



MAT 1731

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

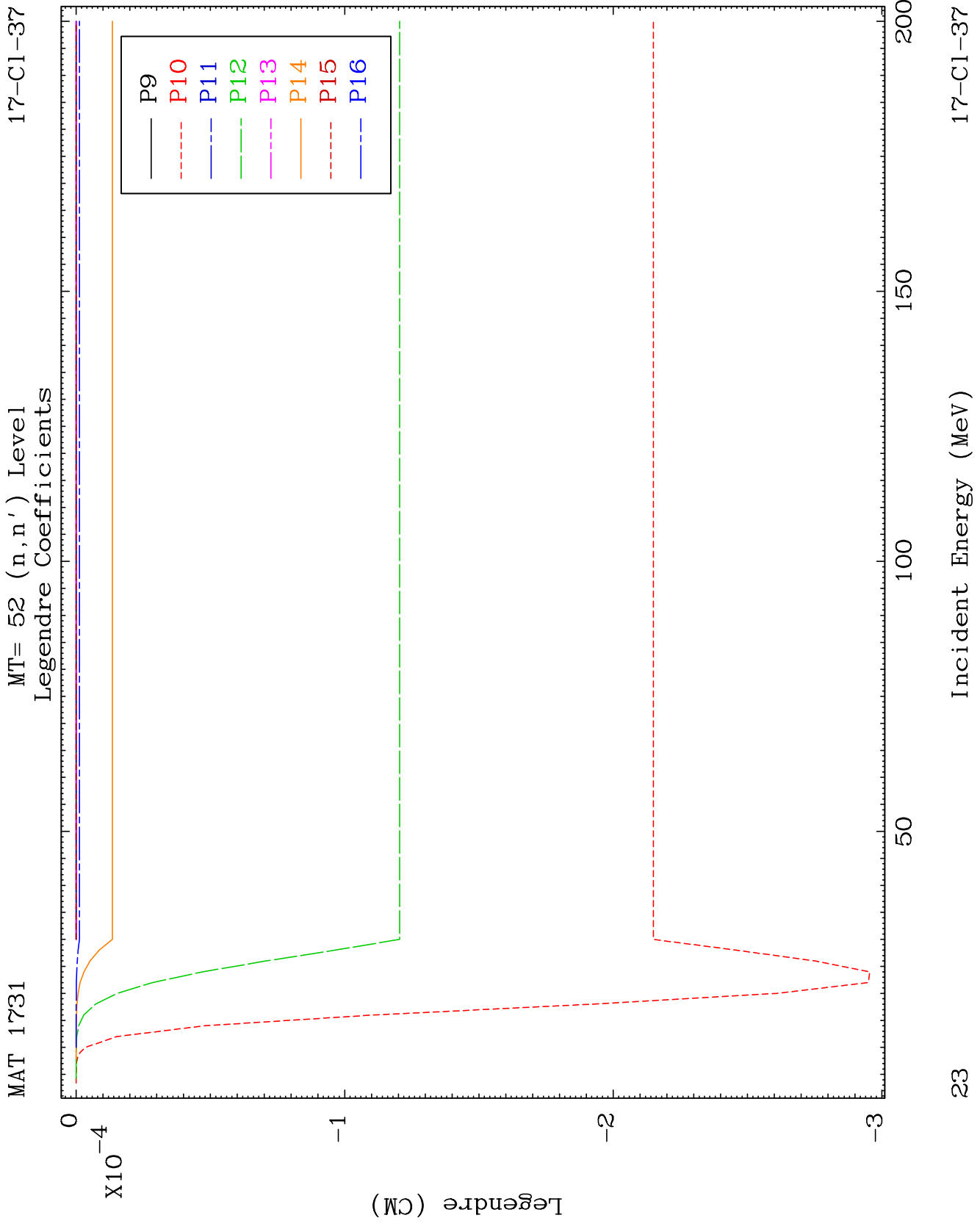
17-Cl-37



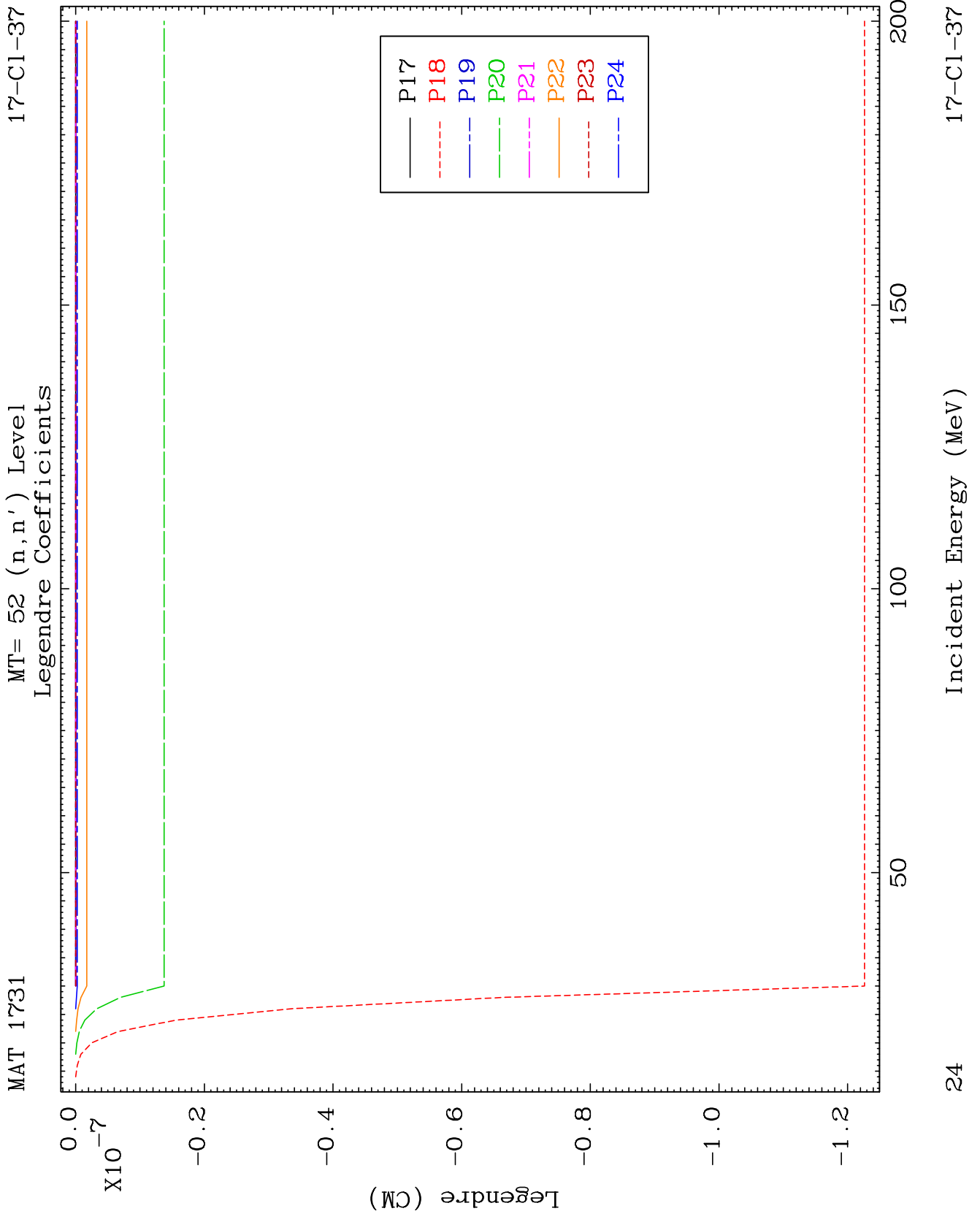
22

Incident Energy (MeV)

17-Cl-37



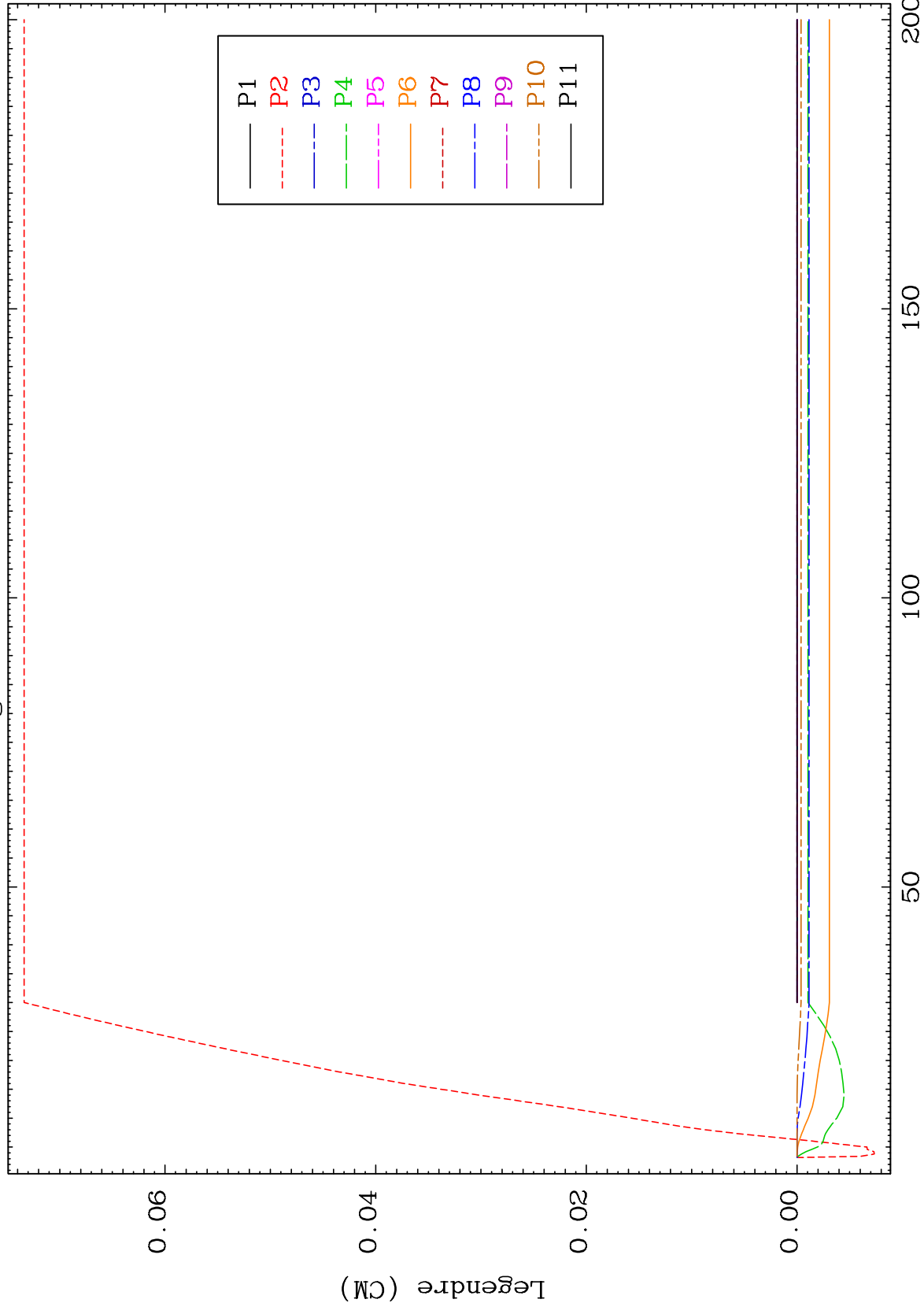




MAT 1731

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

17-C1-37



25

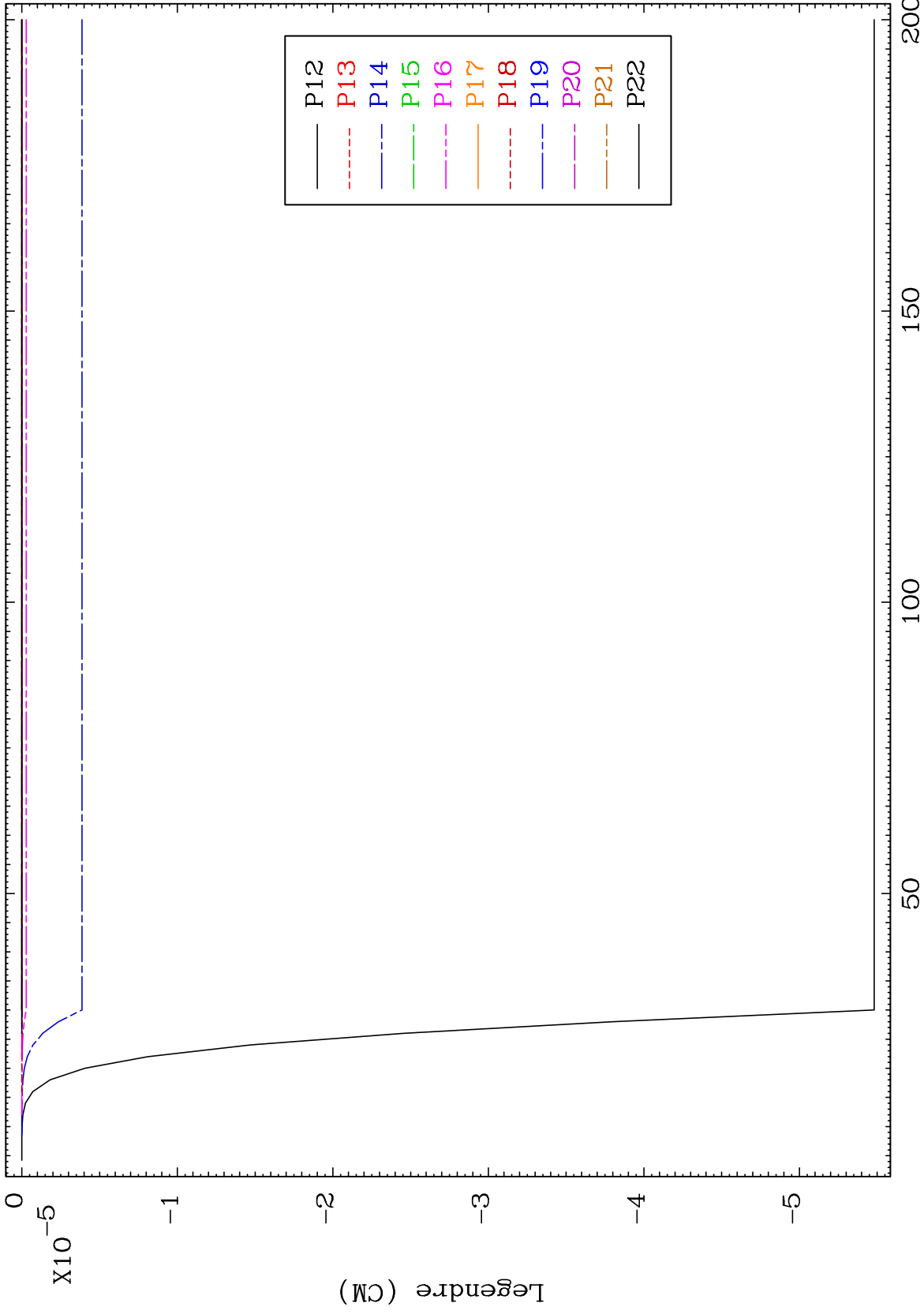
Incident Energy (MeV)

17-C1-37

MAT 1731

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

17-C1-37



26

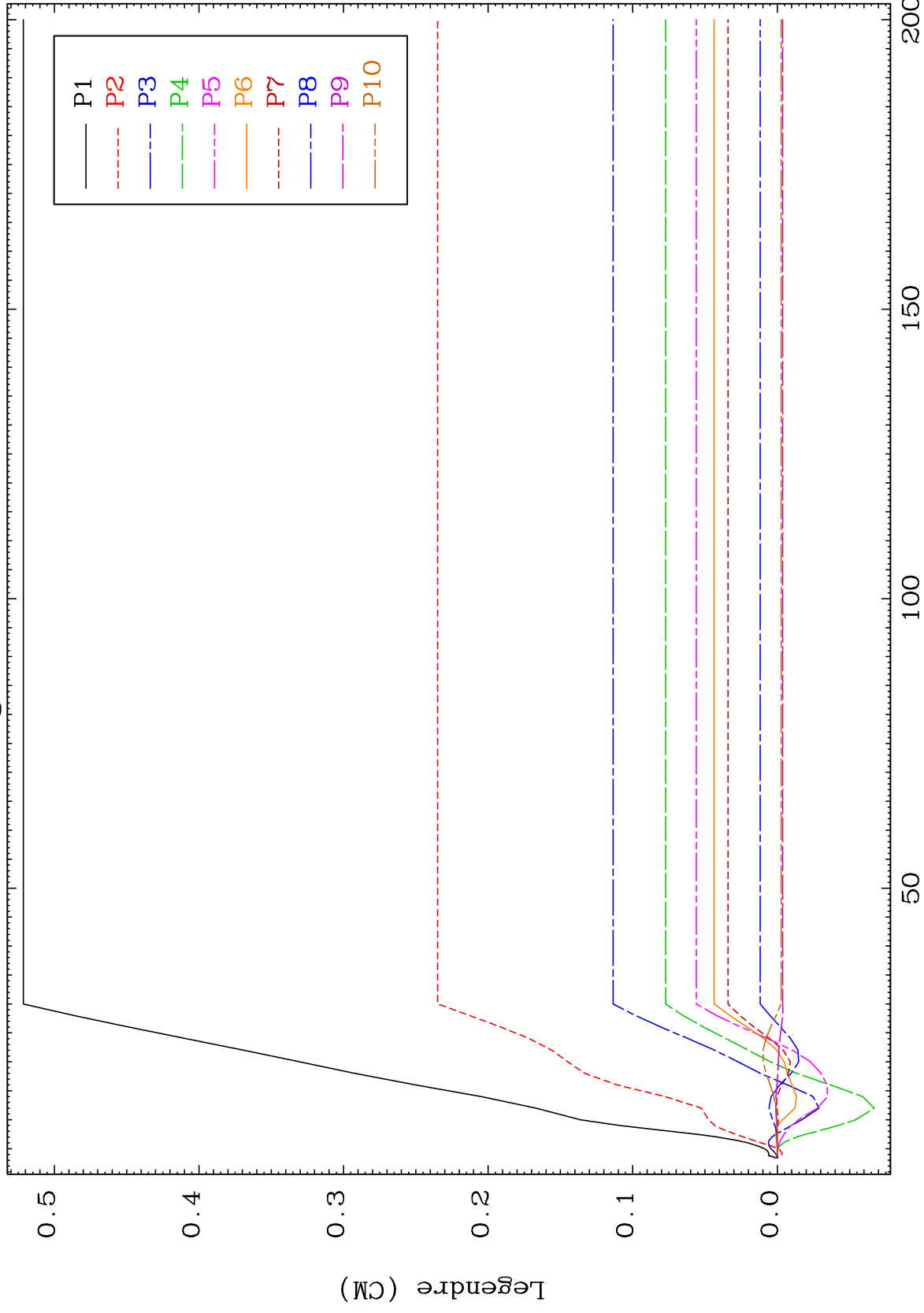
Incident Energy (MeV)

17-C1-37

MAT 1731

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

17-Cl-37



27

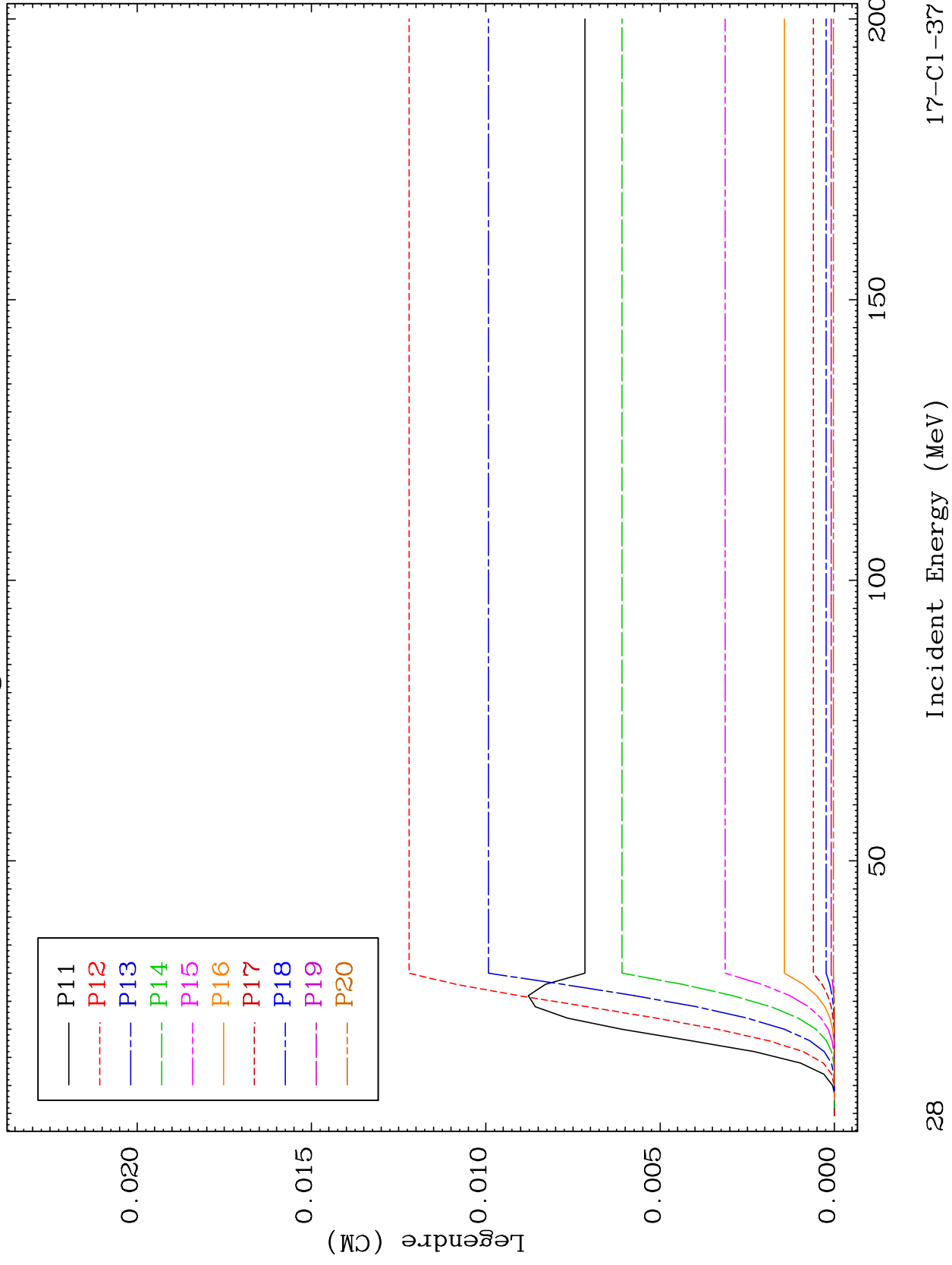
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37



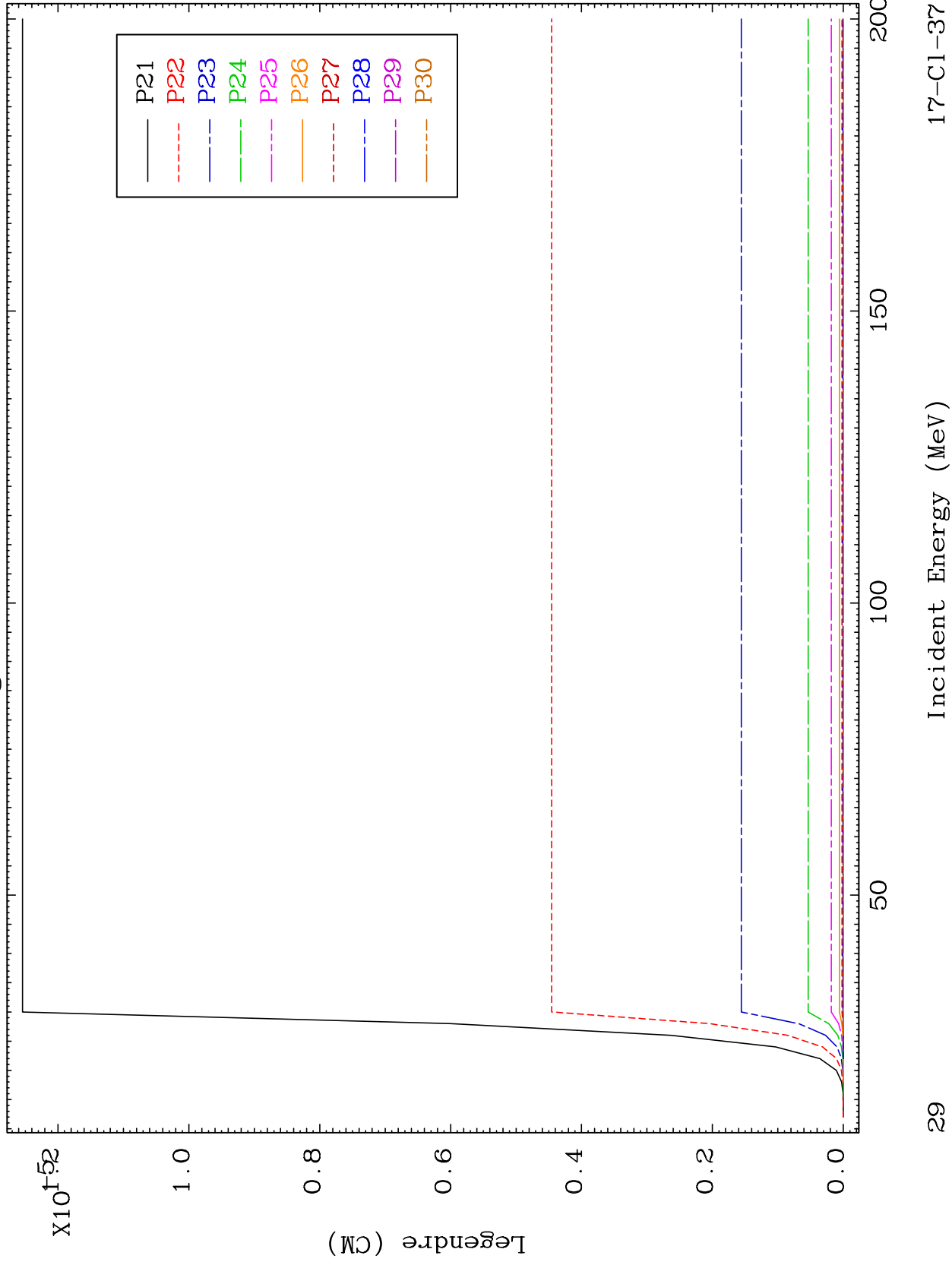
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17-Cl-37

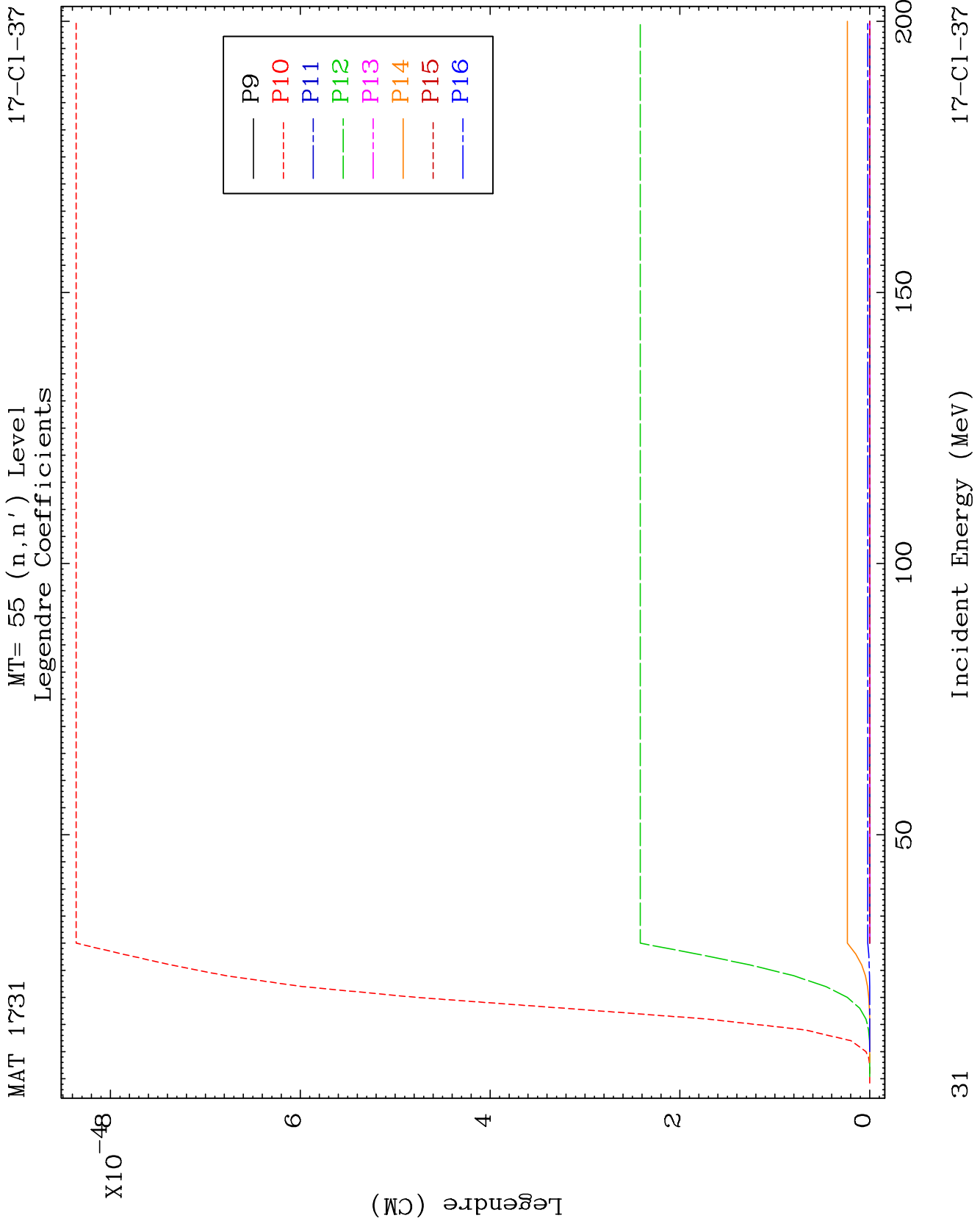
MAT 1731

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

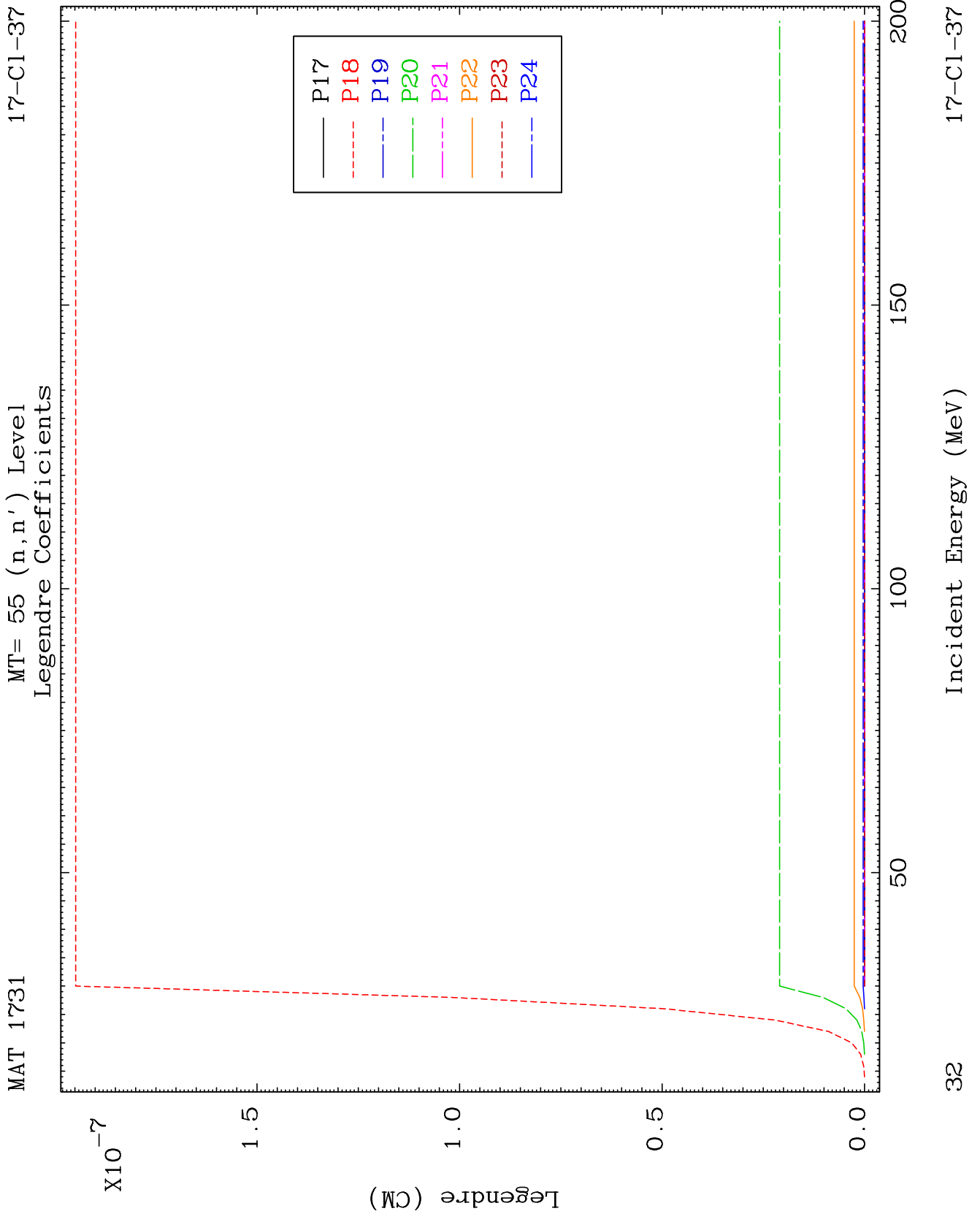
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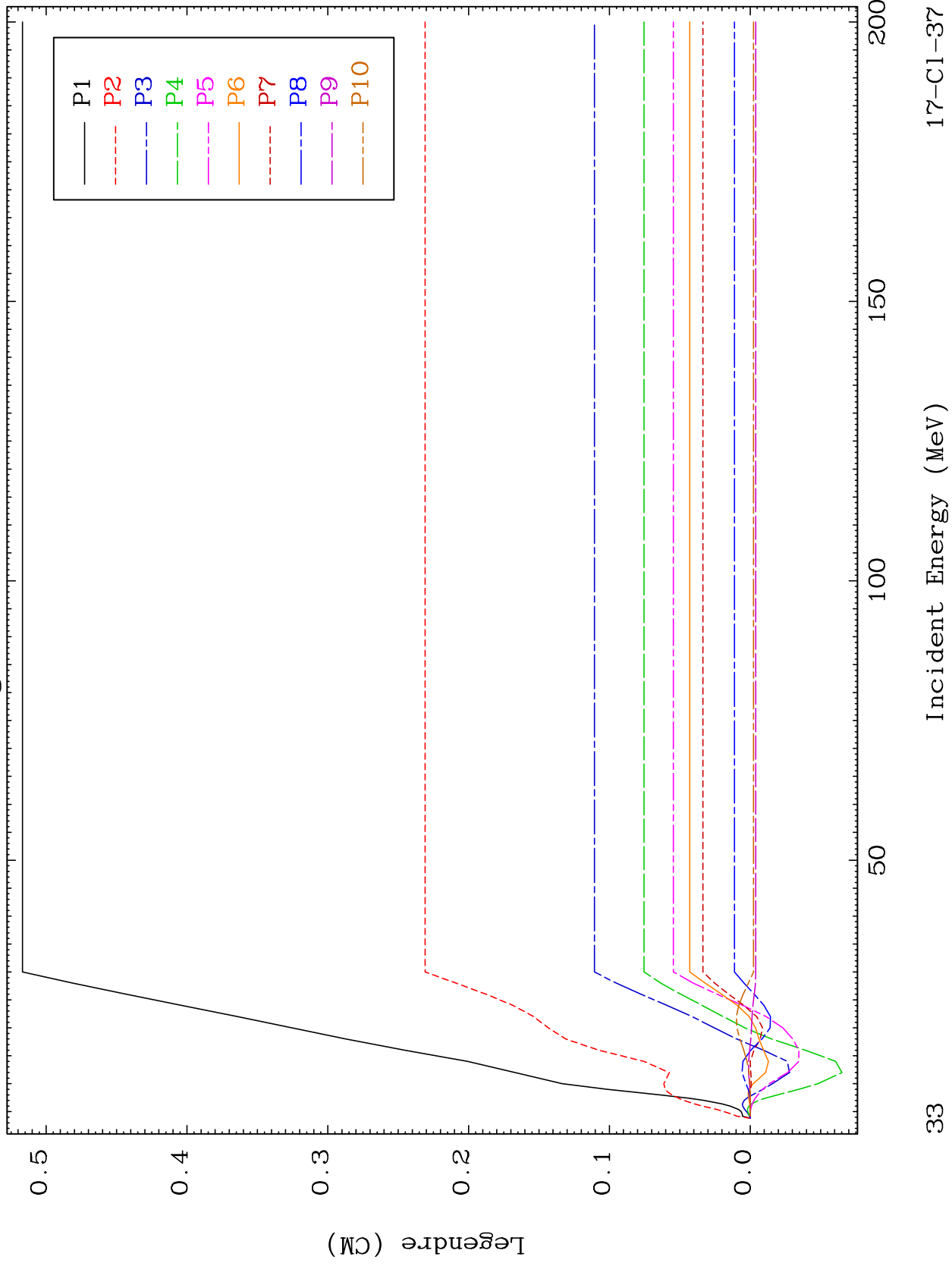








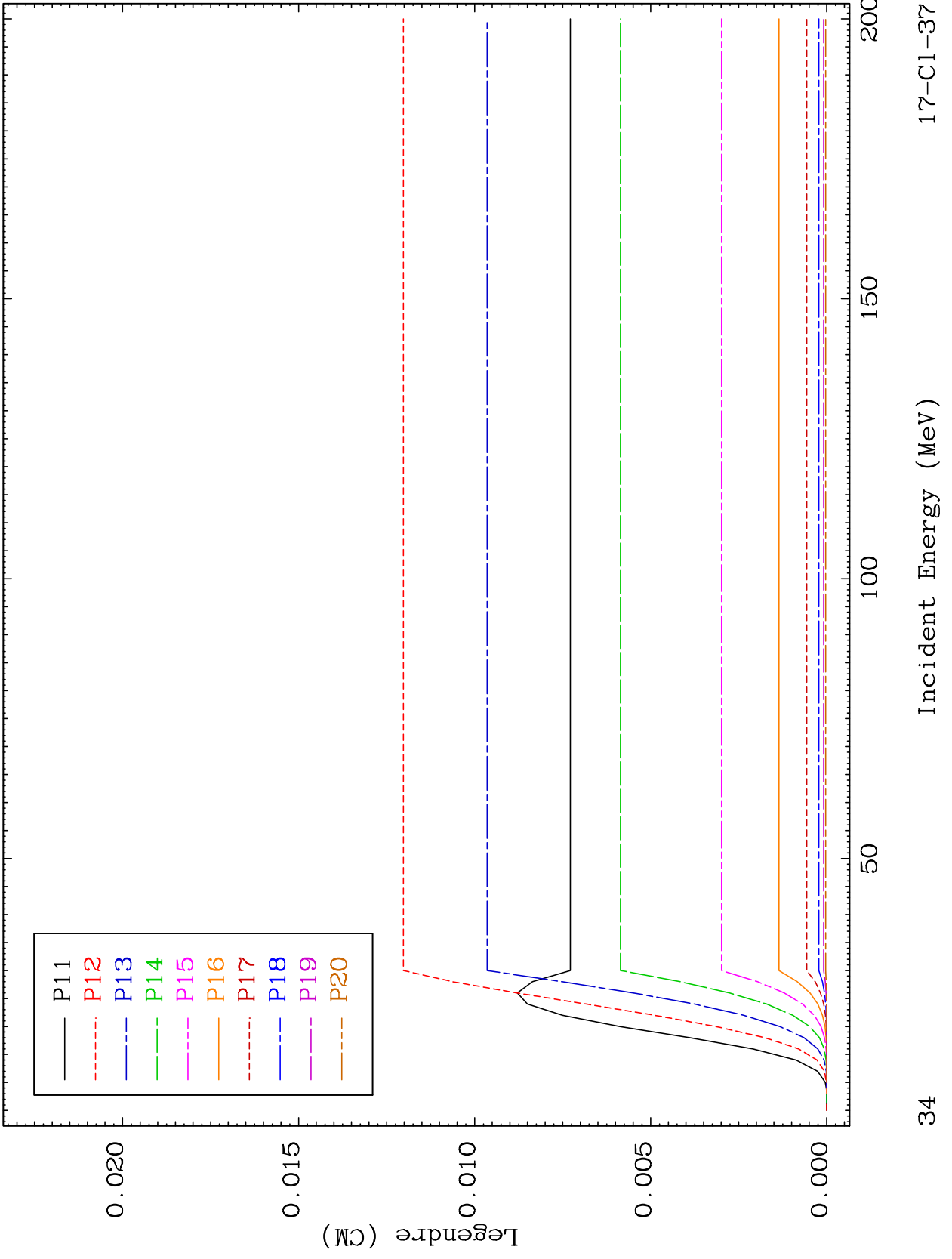




MAT 1731

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

17-Cl-37



34

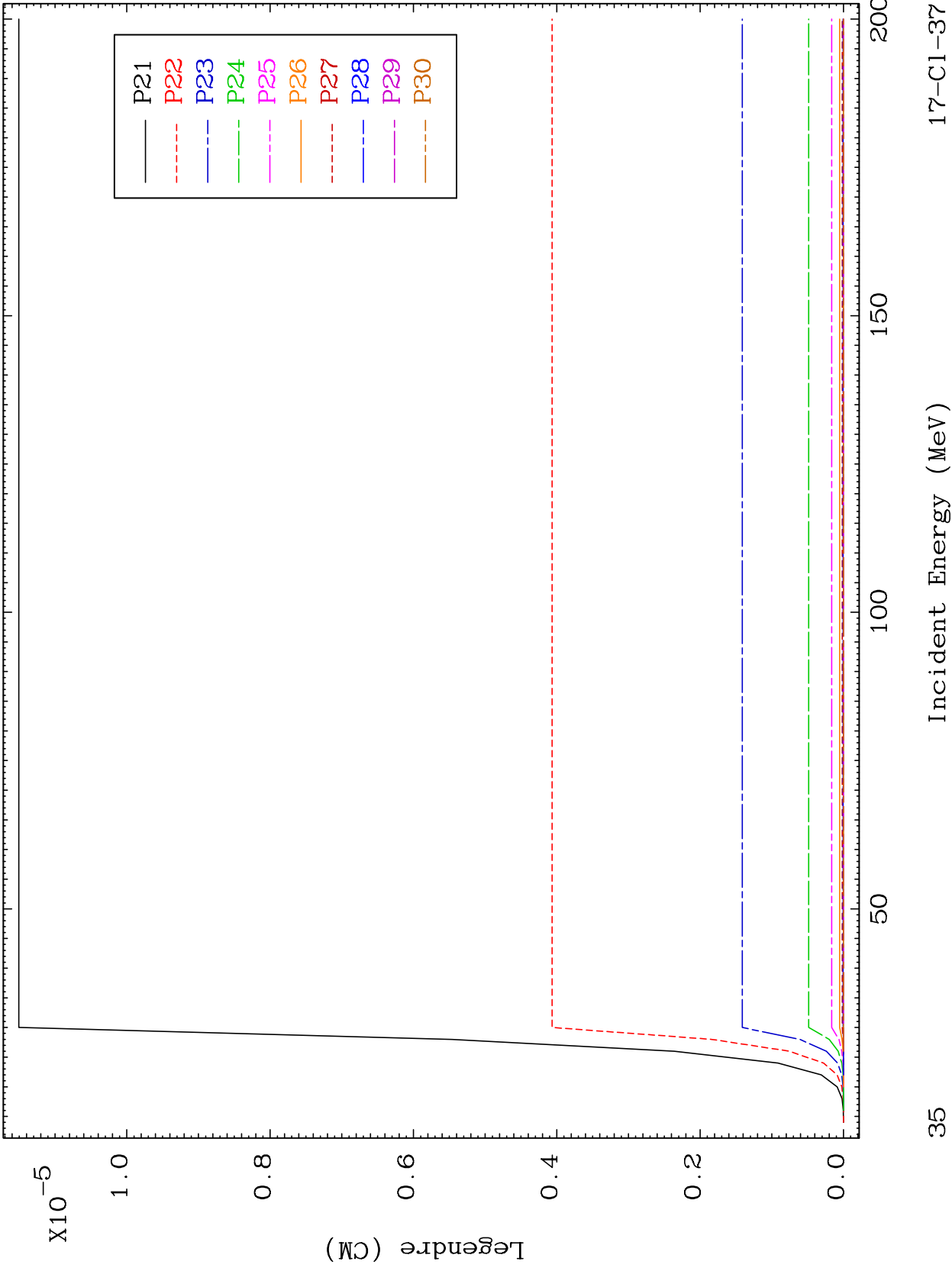
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

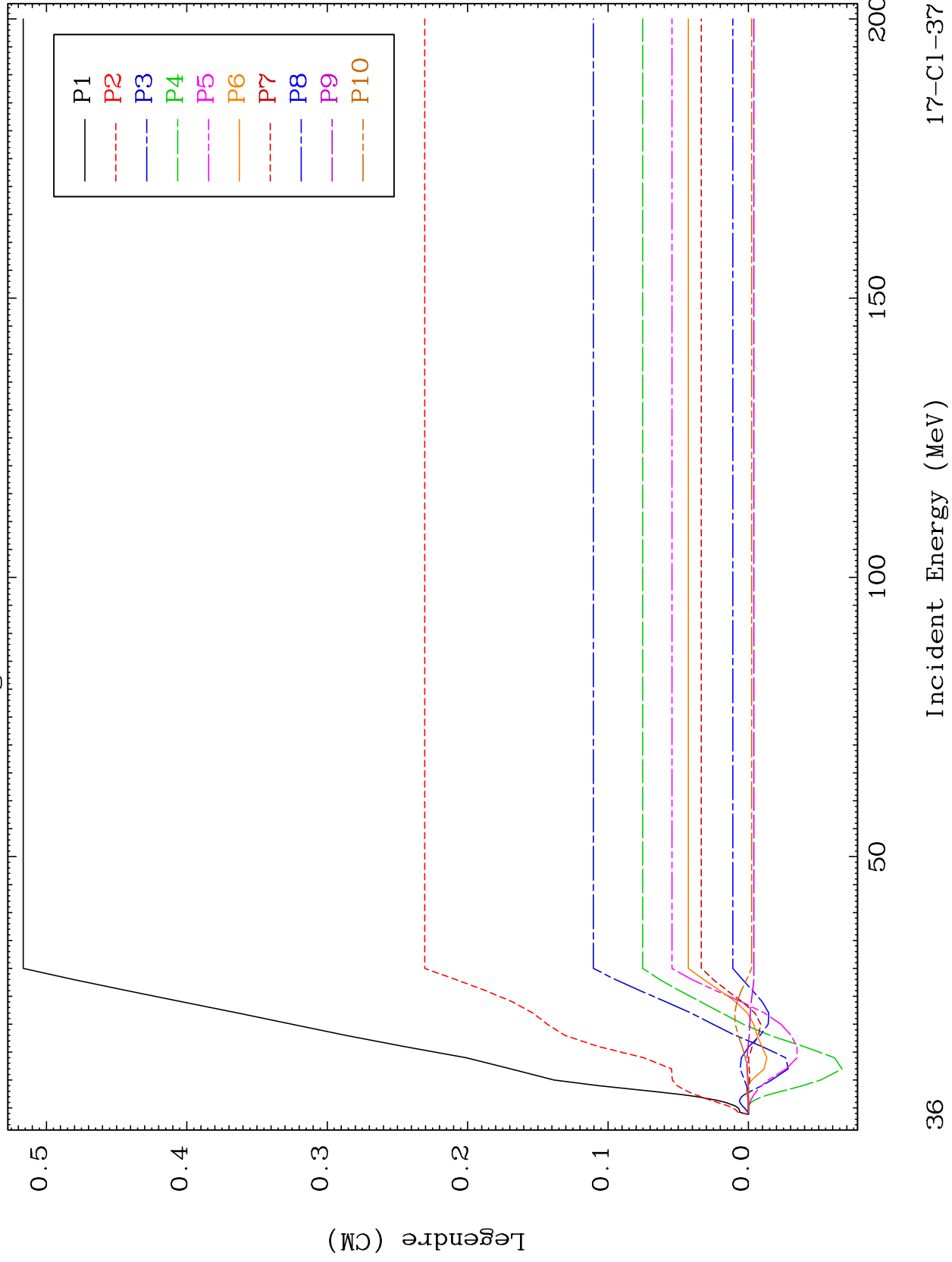
17-Cl-37



35

Incident Energy (MeV)

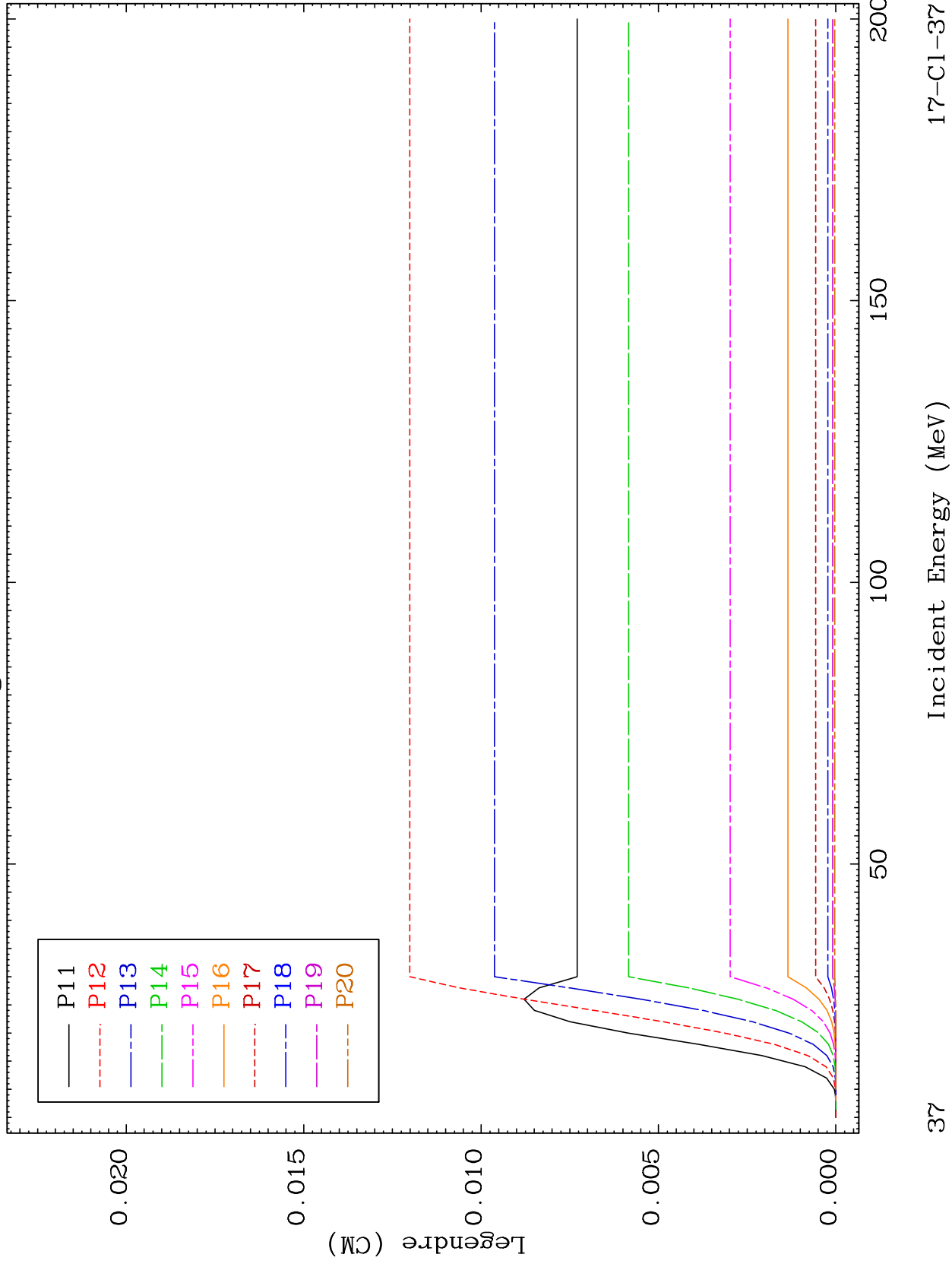
17-Cl-37



MAT 1731

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

17-Cl-37



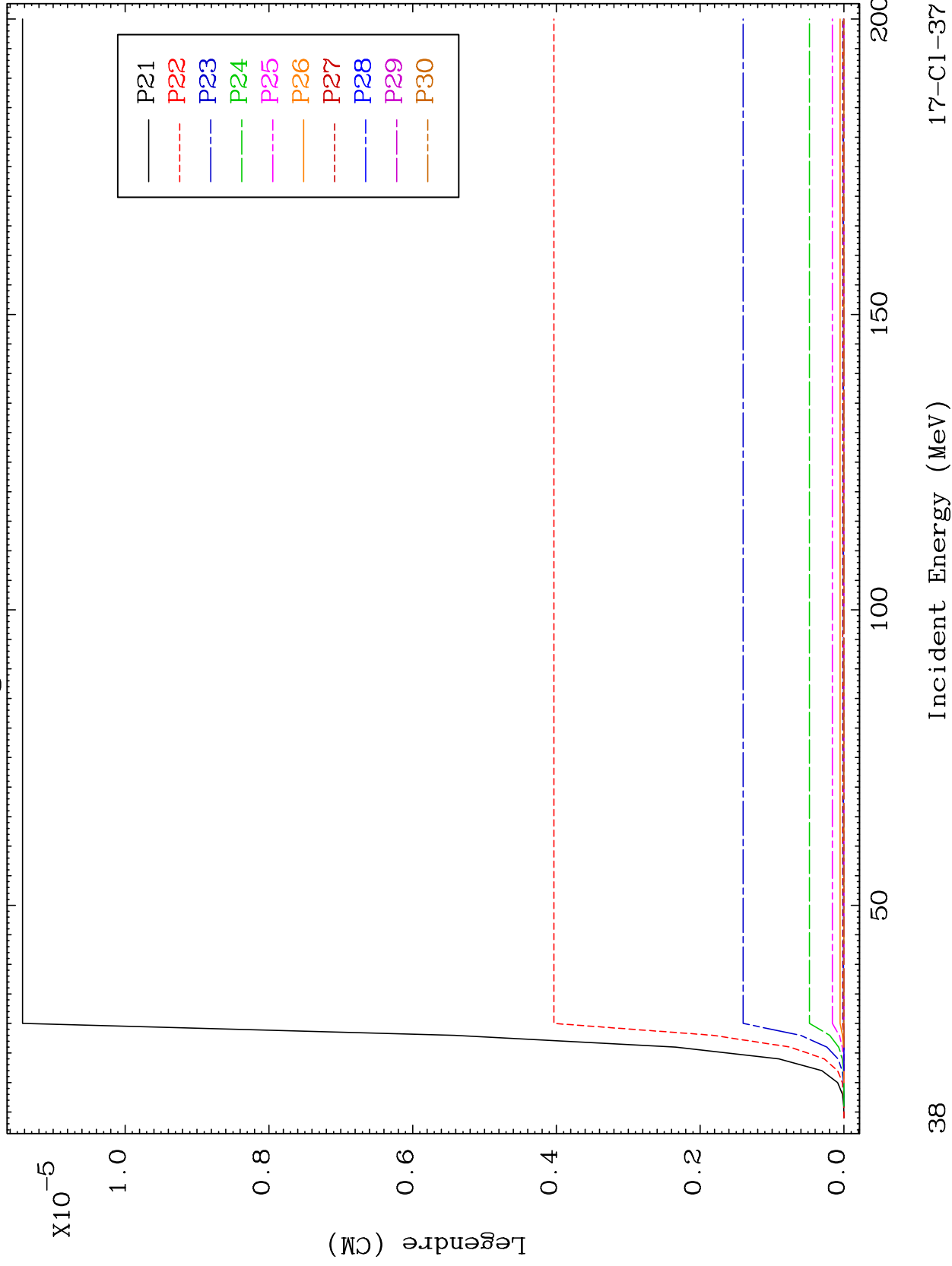
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17-Cl-37

MAT 1731

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

17-Cl-37



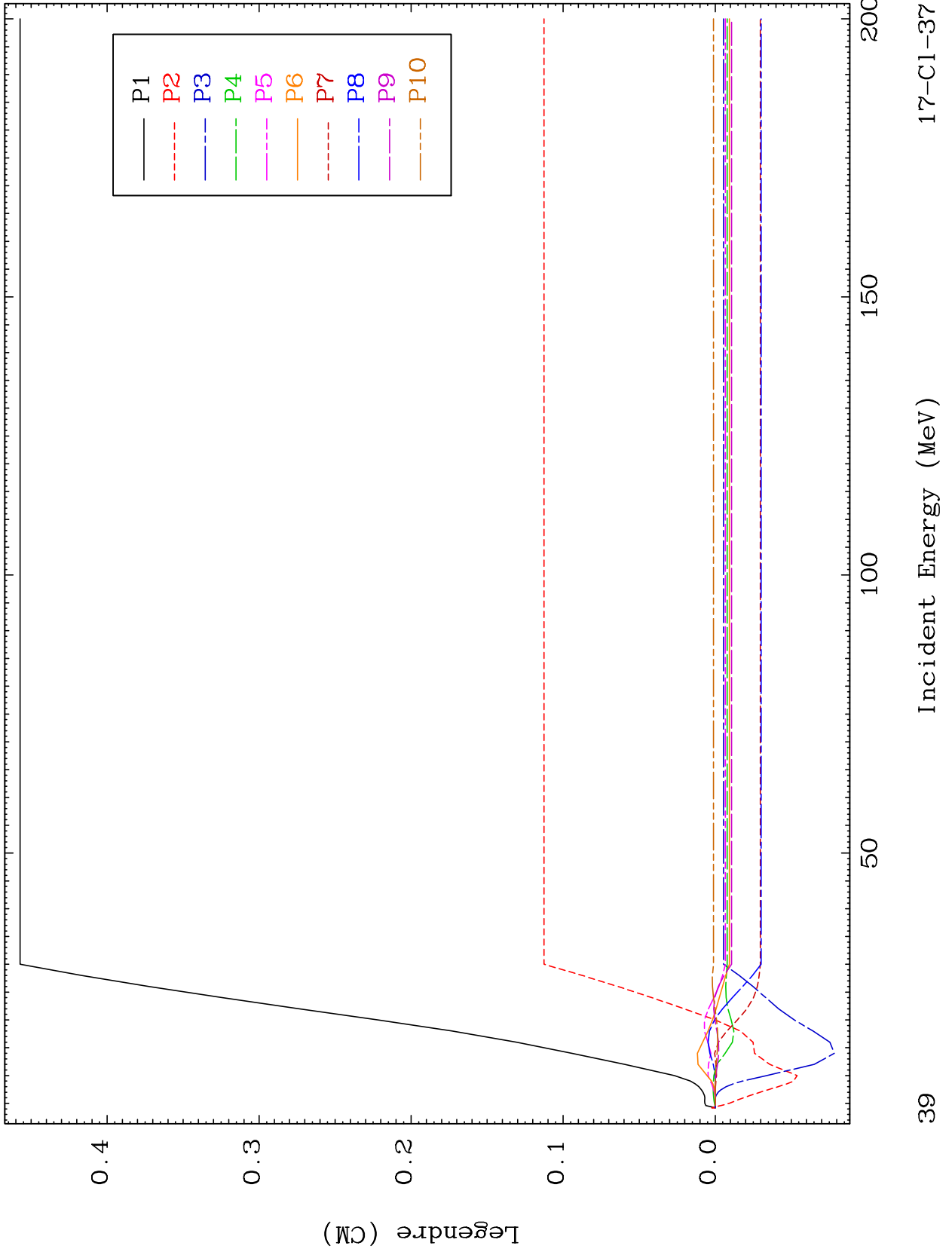
38

17-Cl-37

MAT 1731

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

17-Cl-37

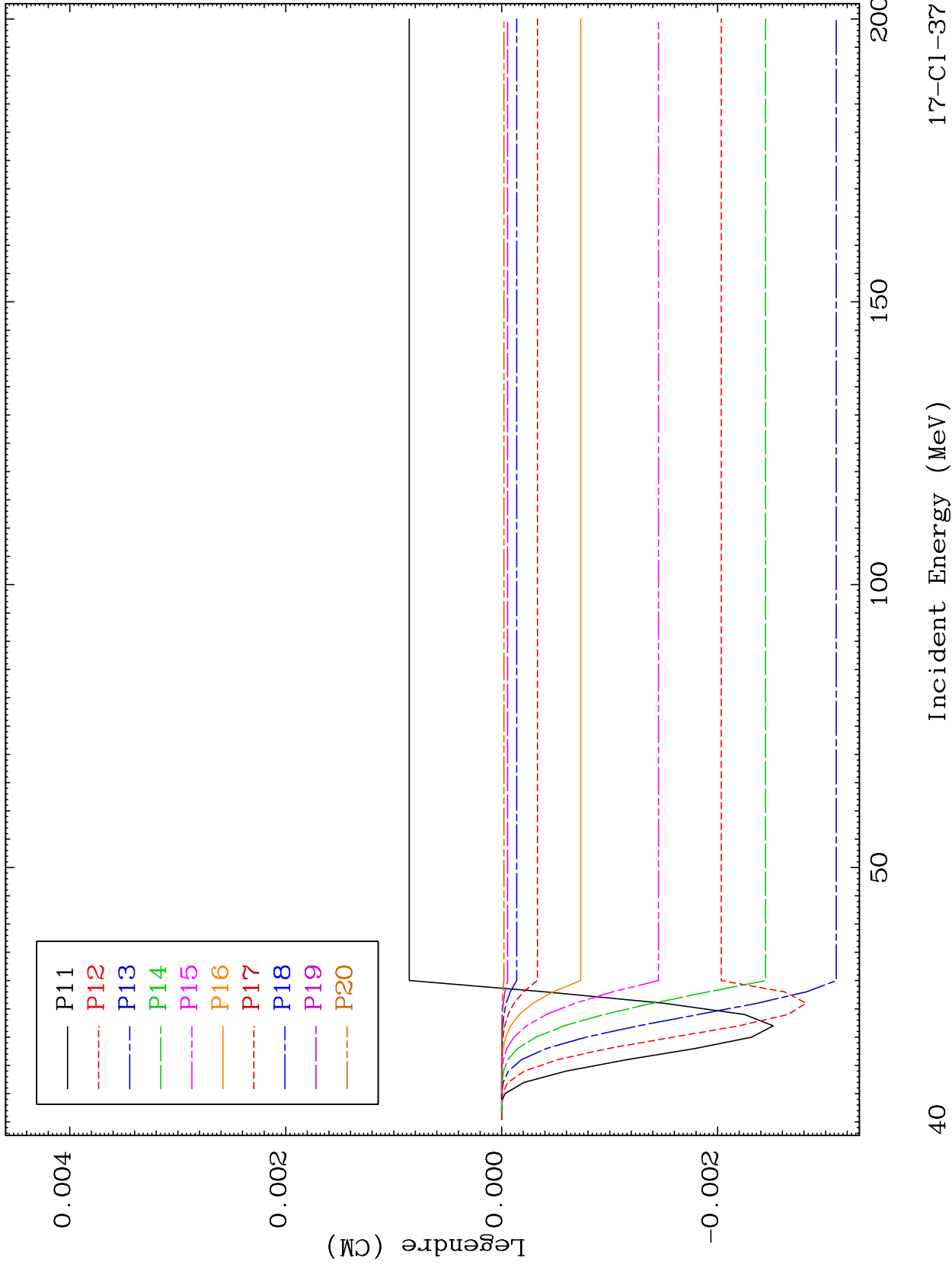




MAT 1731

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

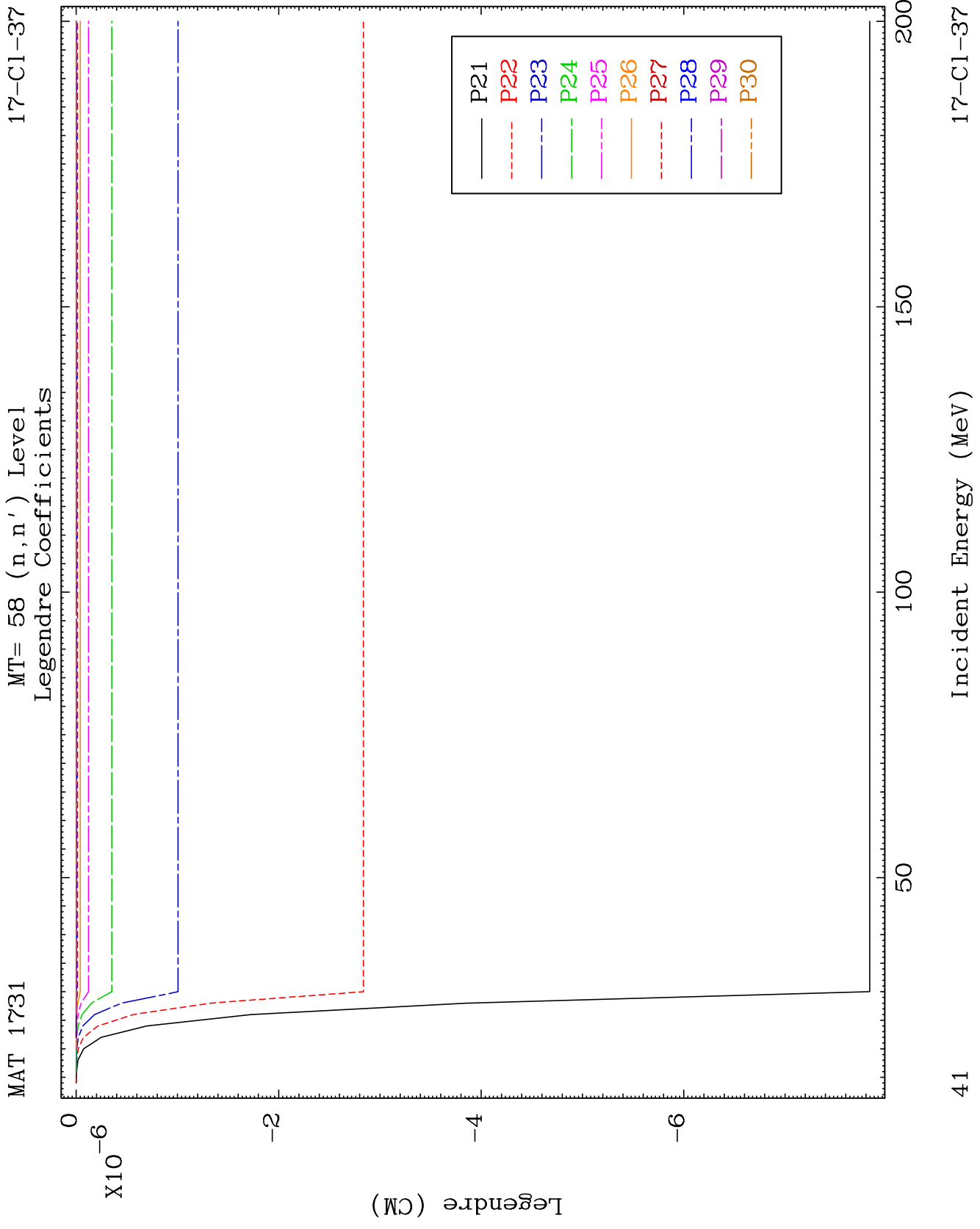
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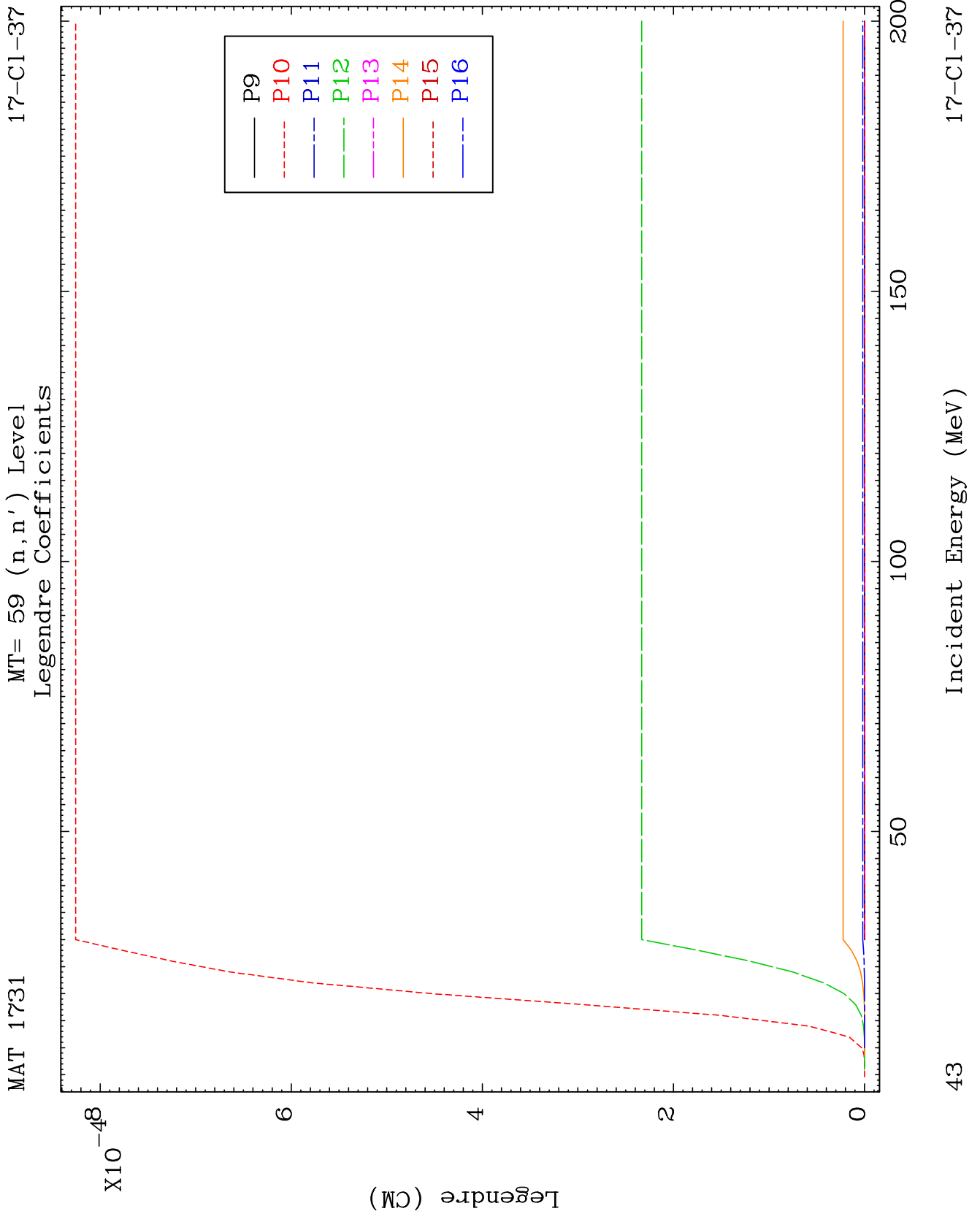
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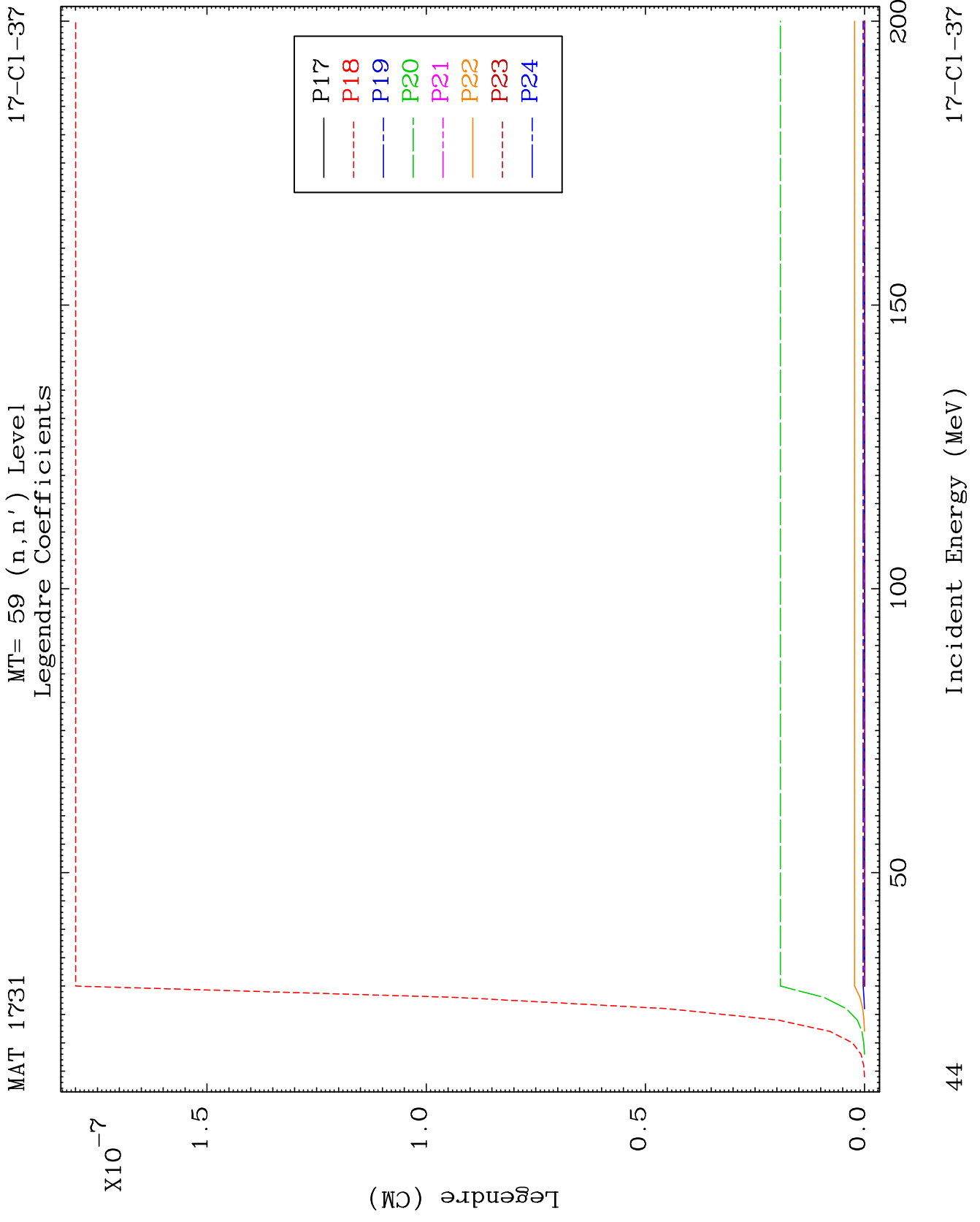
Incident Energy (MeV)

17-Cl-37





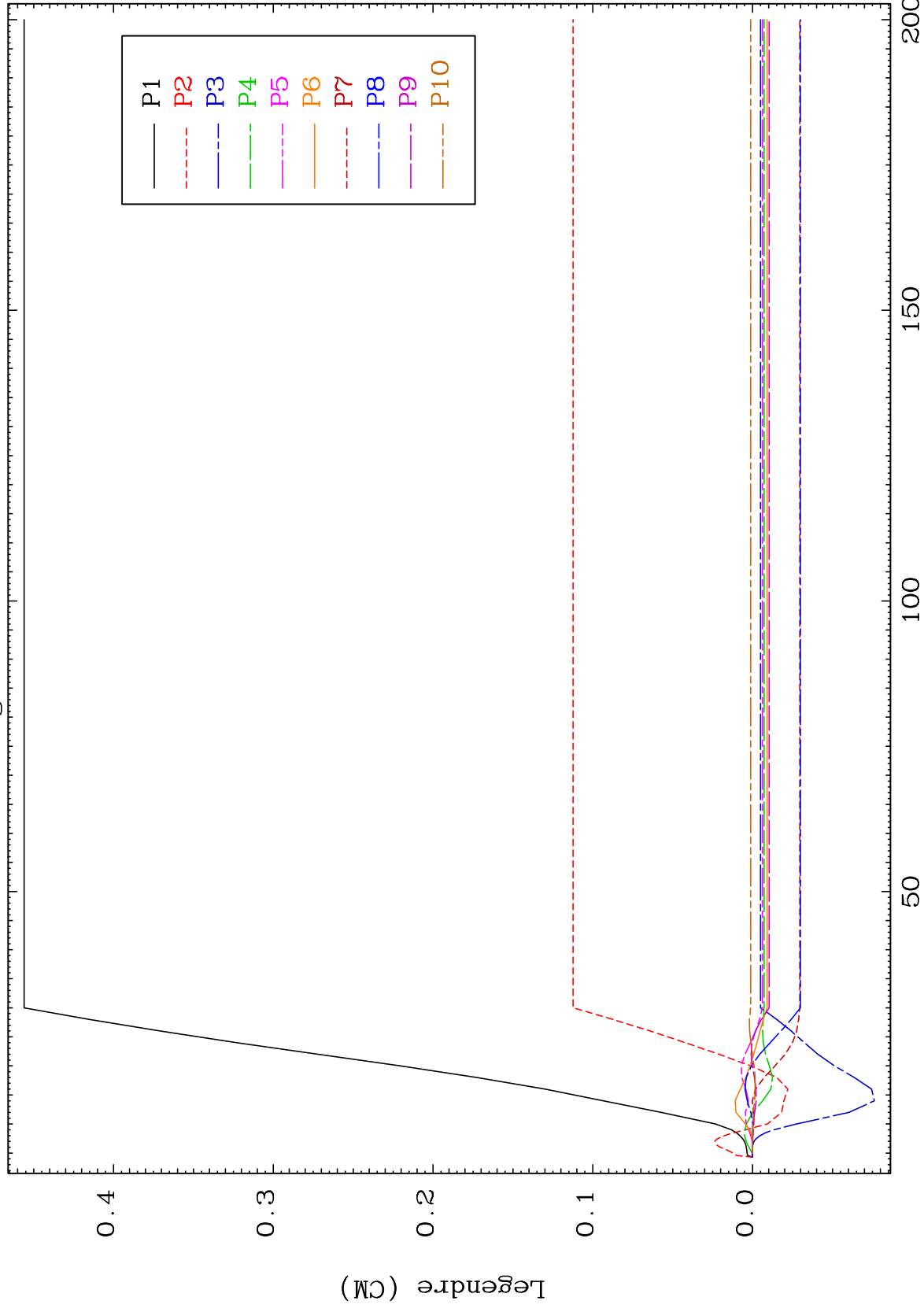




MAT 1731

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

17-Cl-37



45

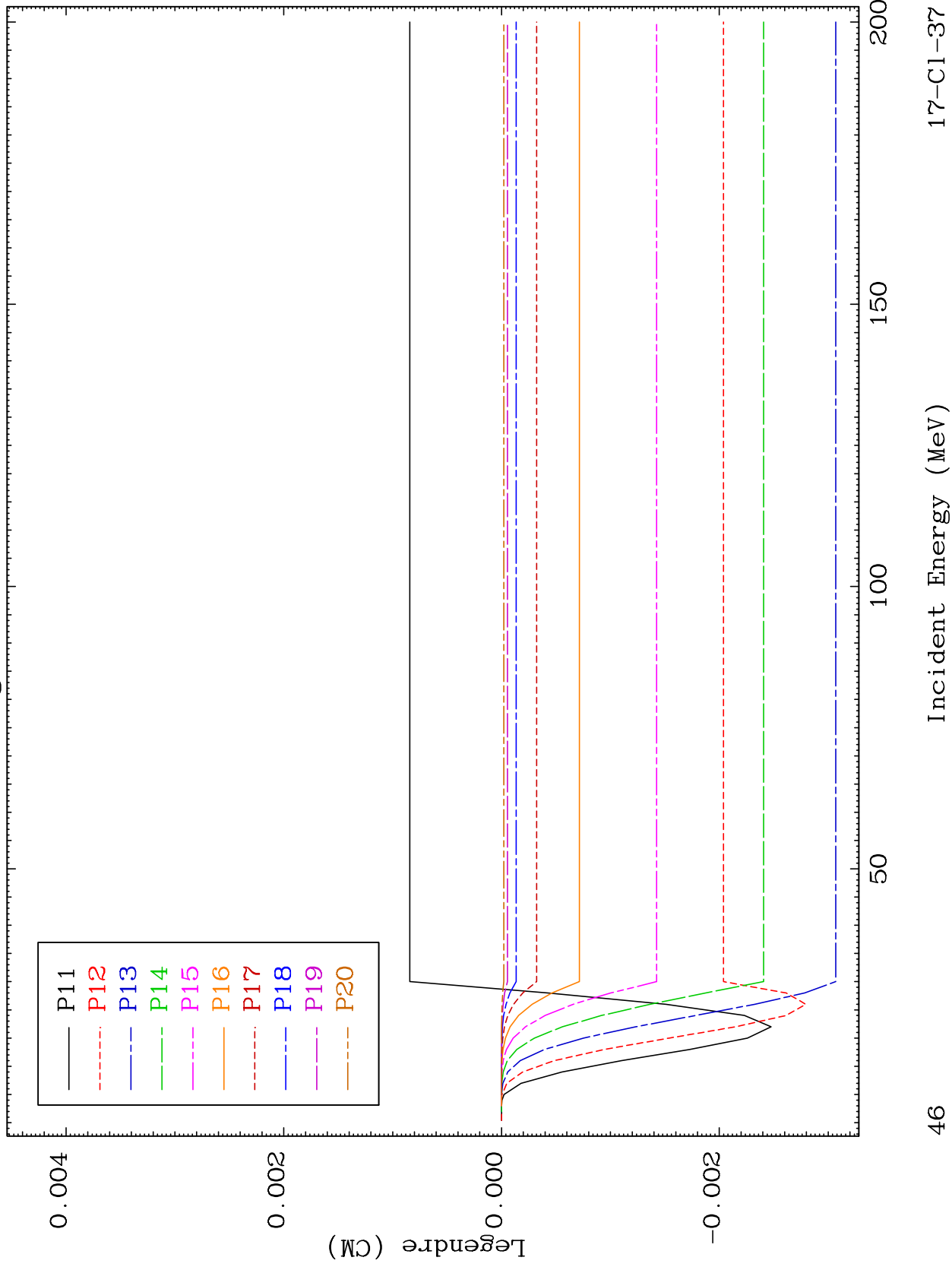
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

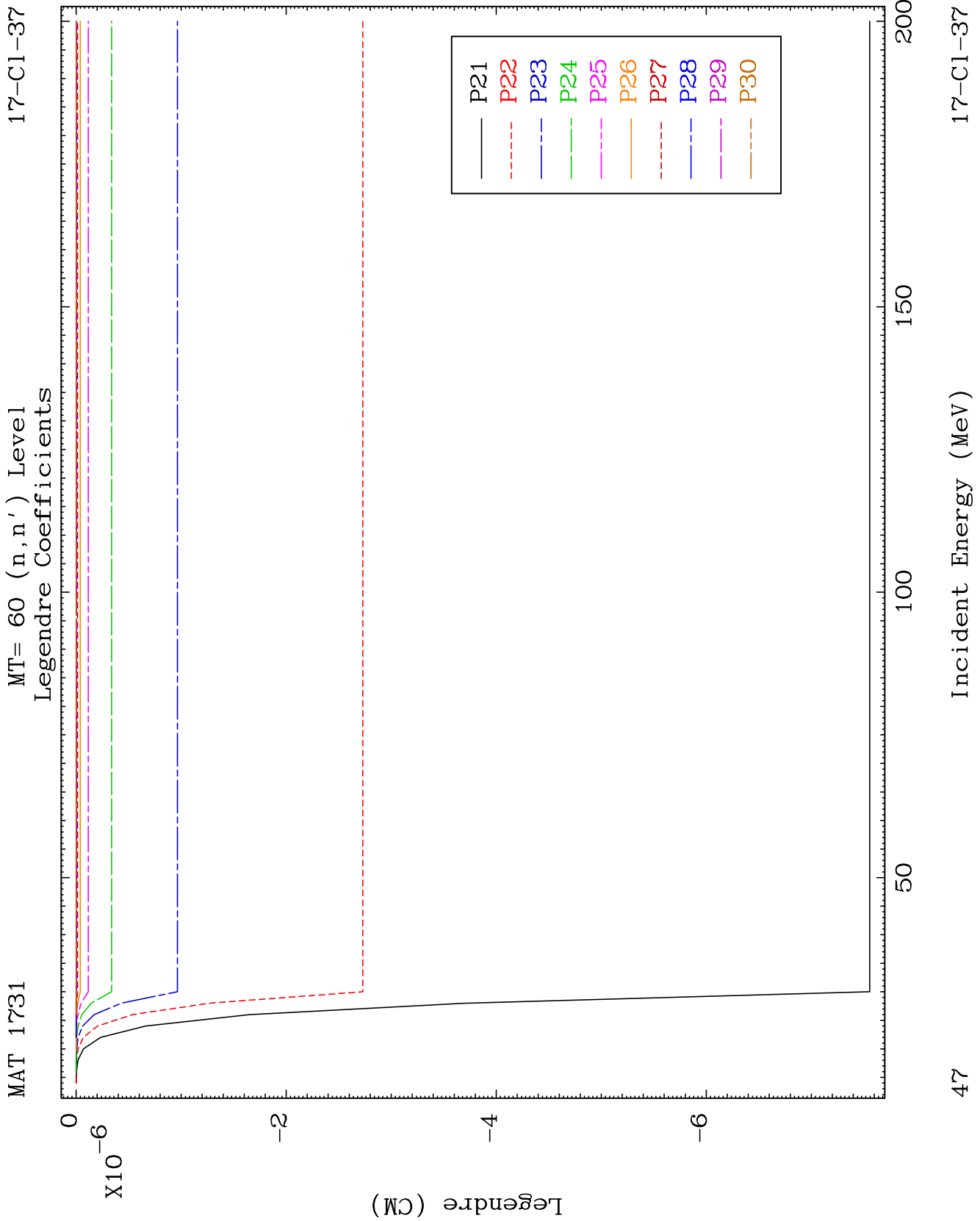
17-Cl-37



46

Incident Energy (MeV)

17-Cl-37

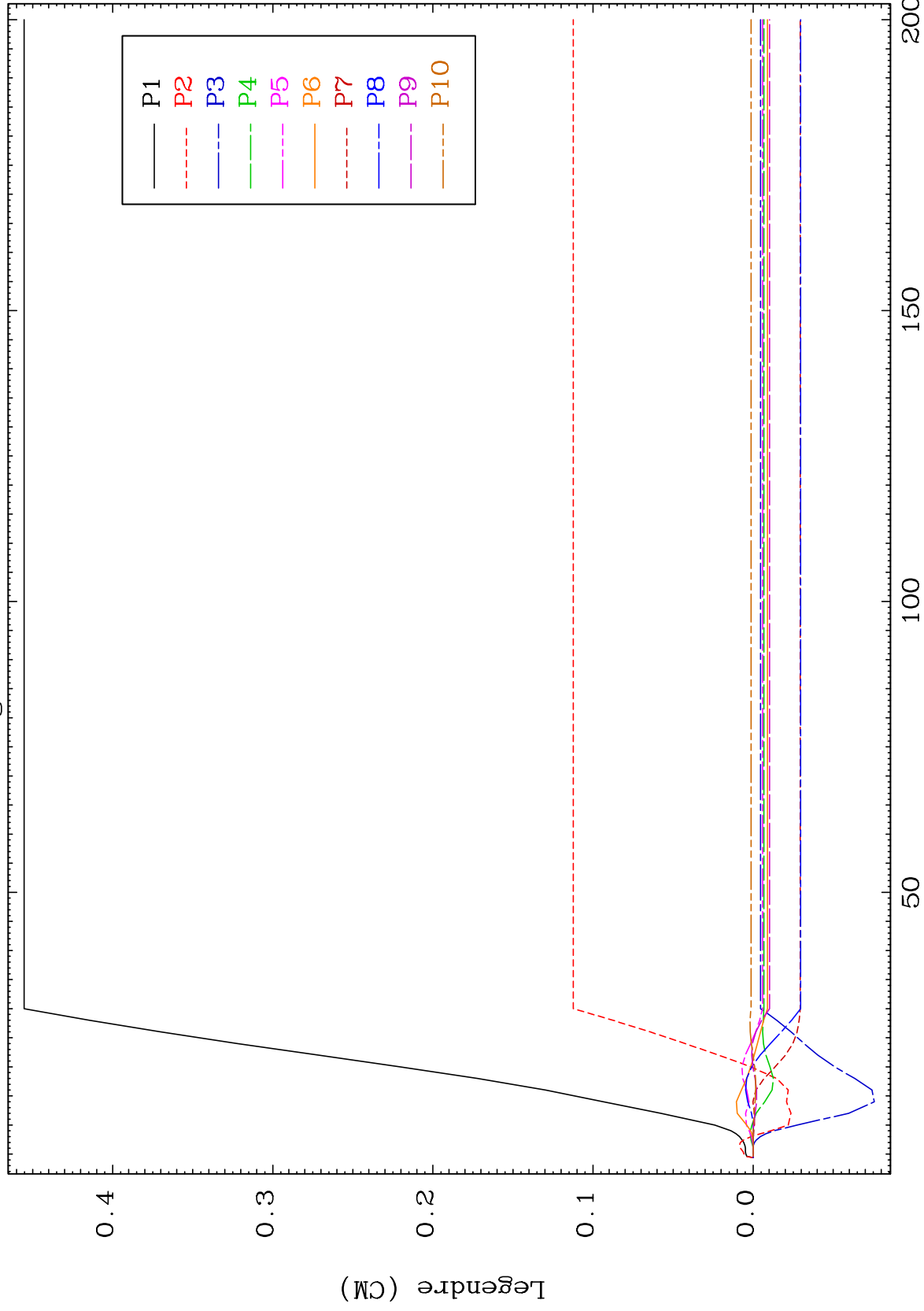




MAT 1731

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

17-Cl-37



48

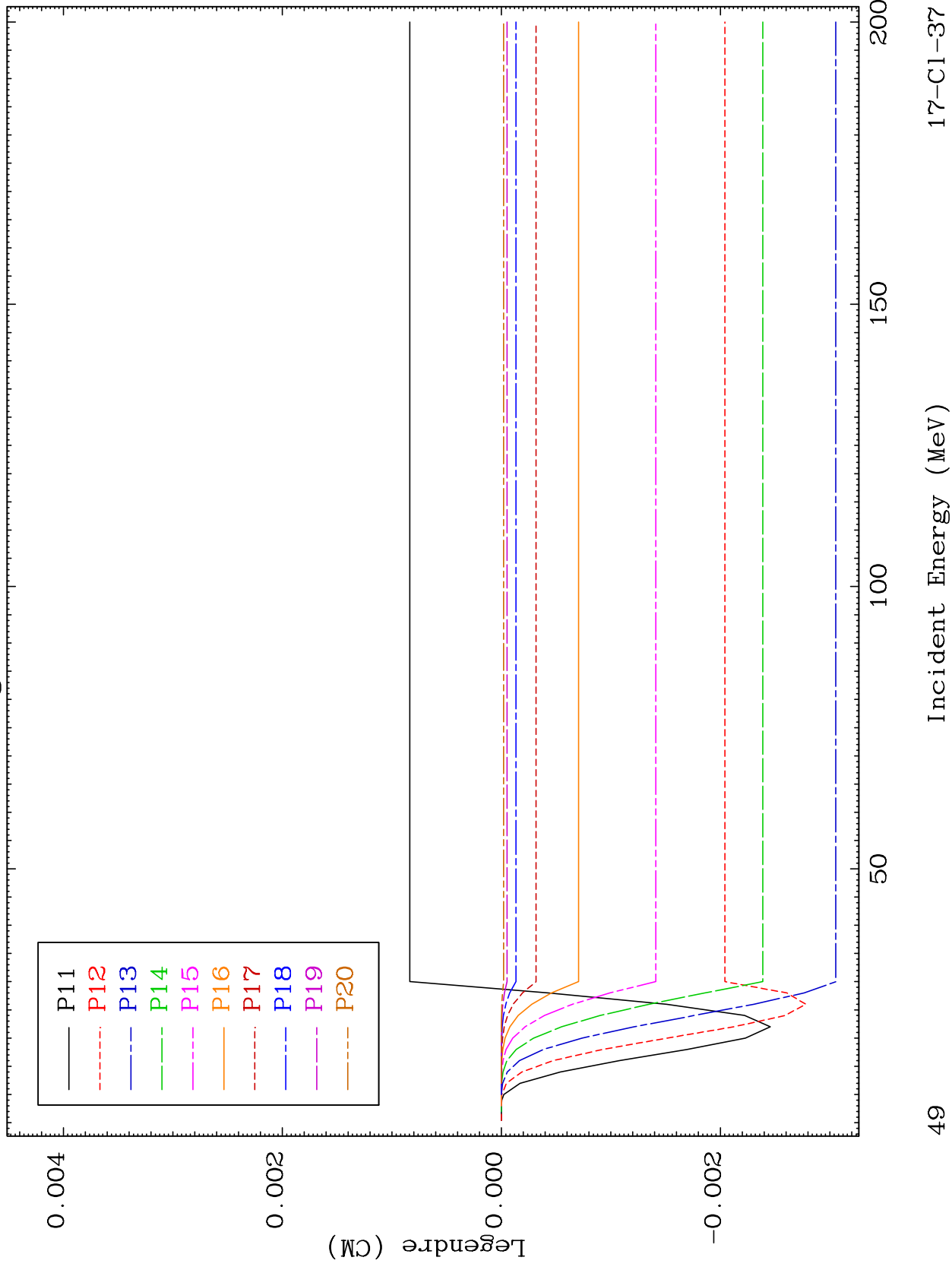
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

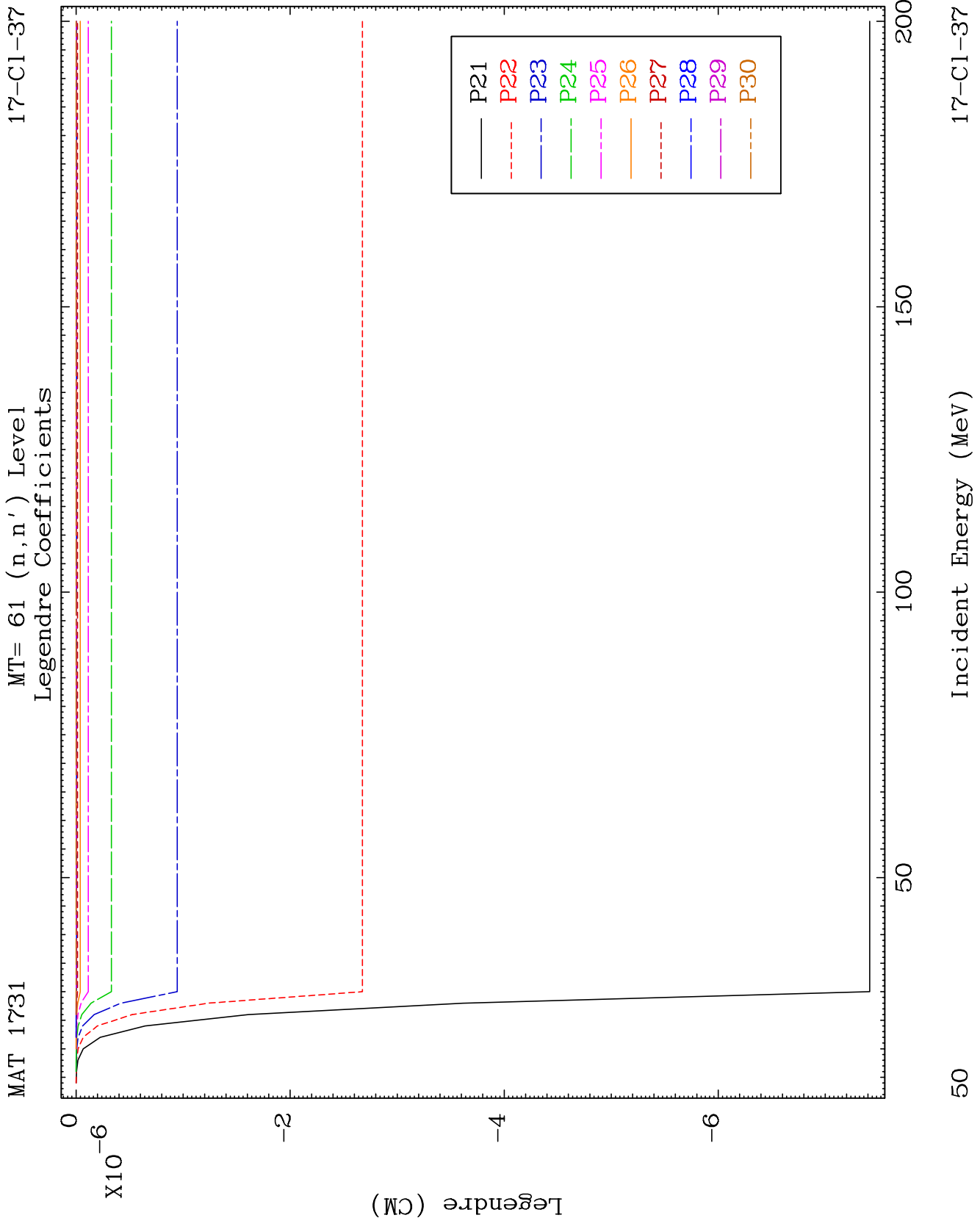
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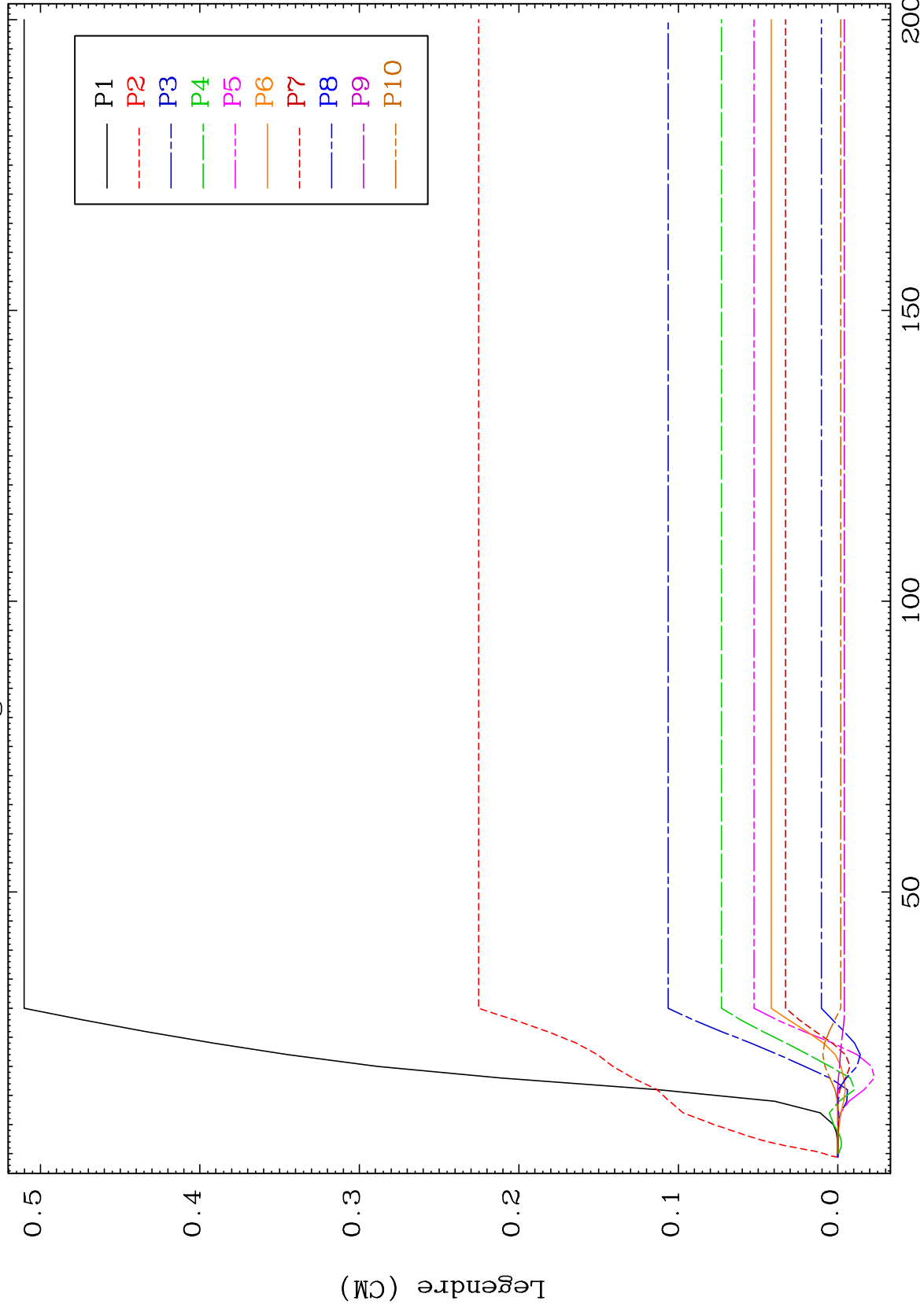


49

Incident Energy (MeV)

17-Cl-37

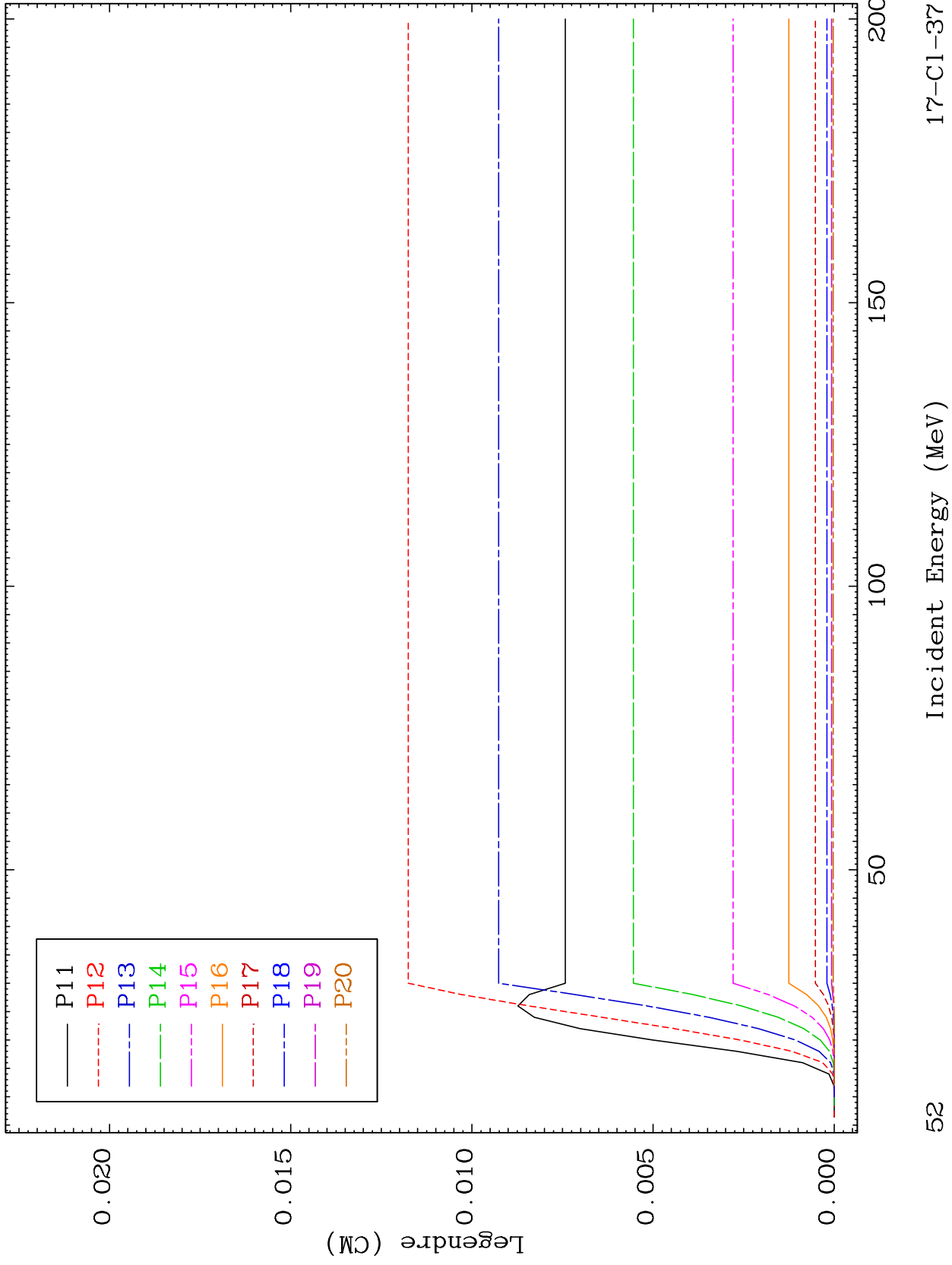




MAT 1731

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

17-Cl-37



52

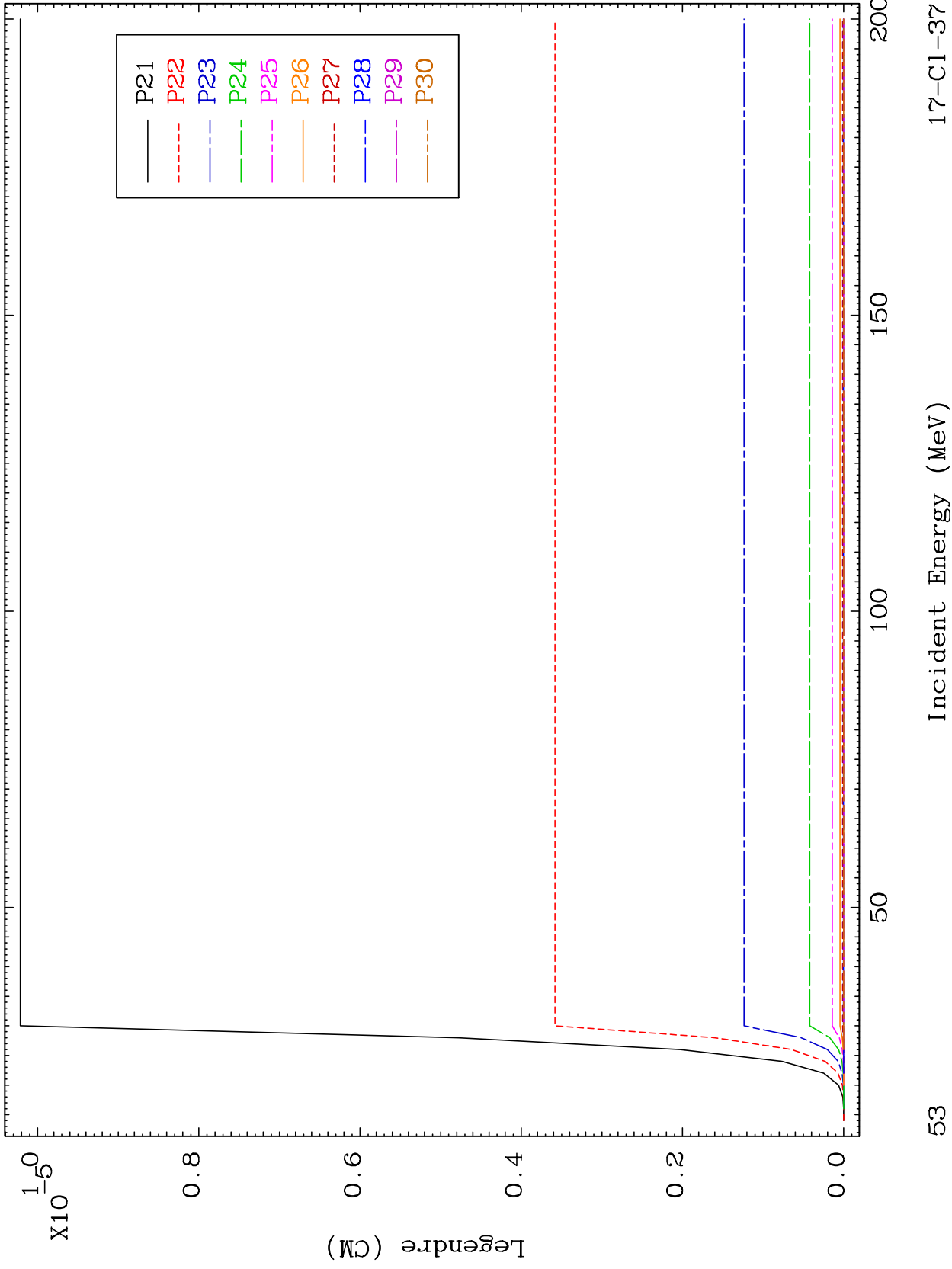
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

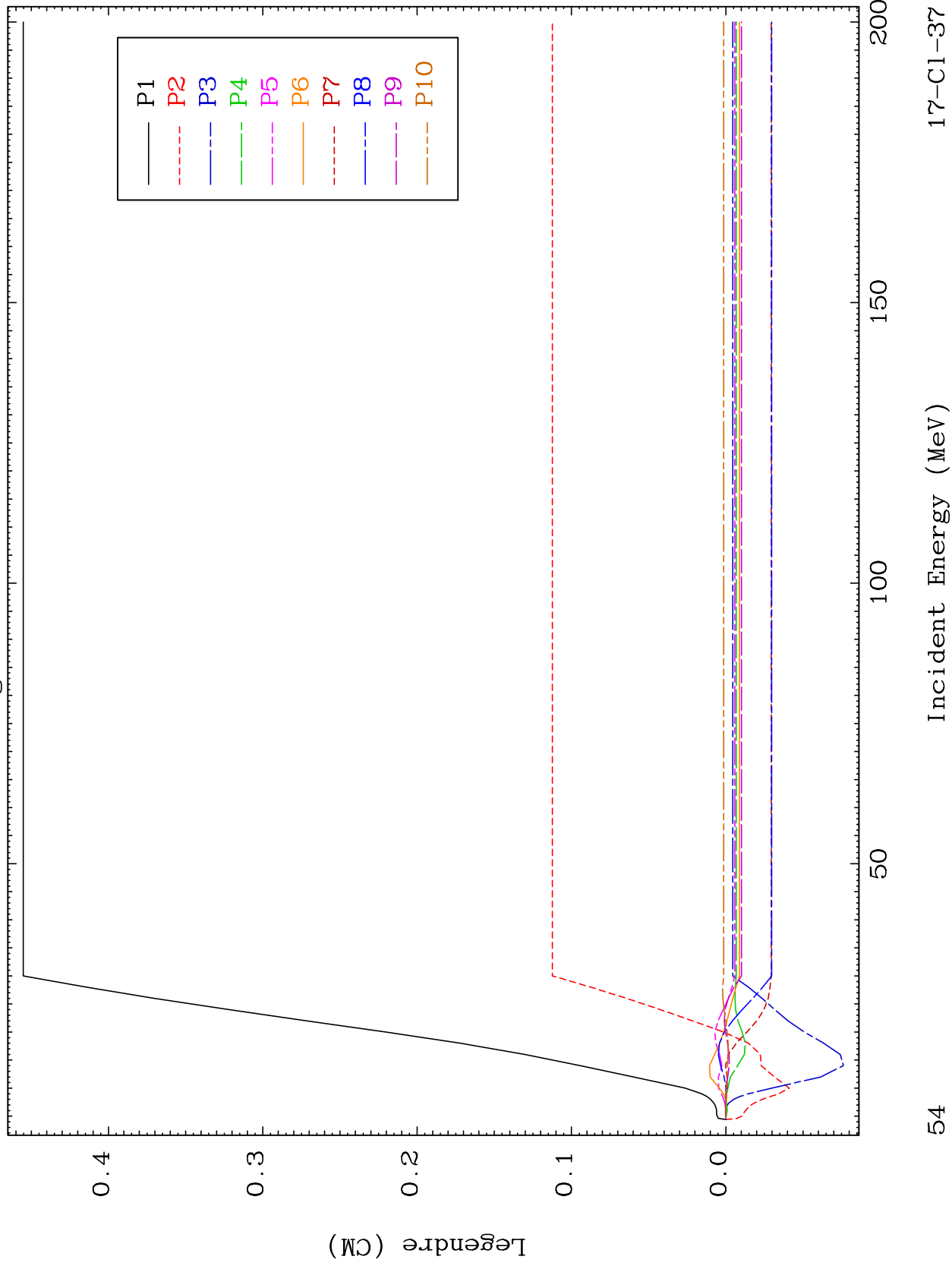
17-Cl-37



MAT 1731

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

17-Cl-37



54

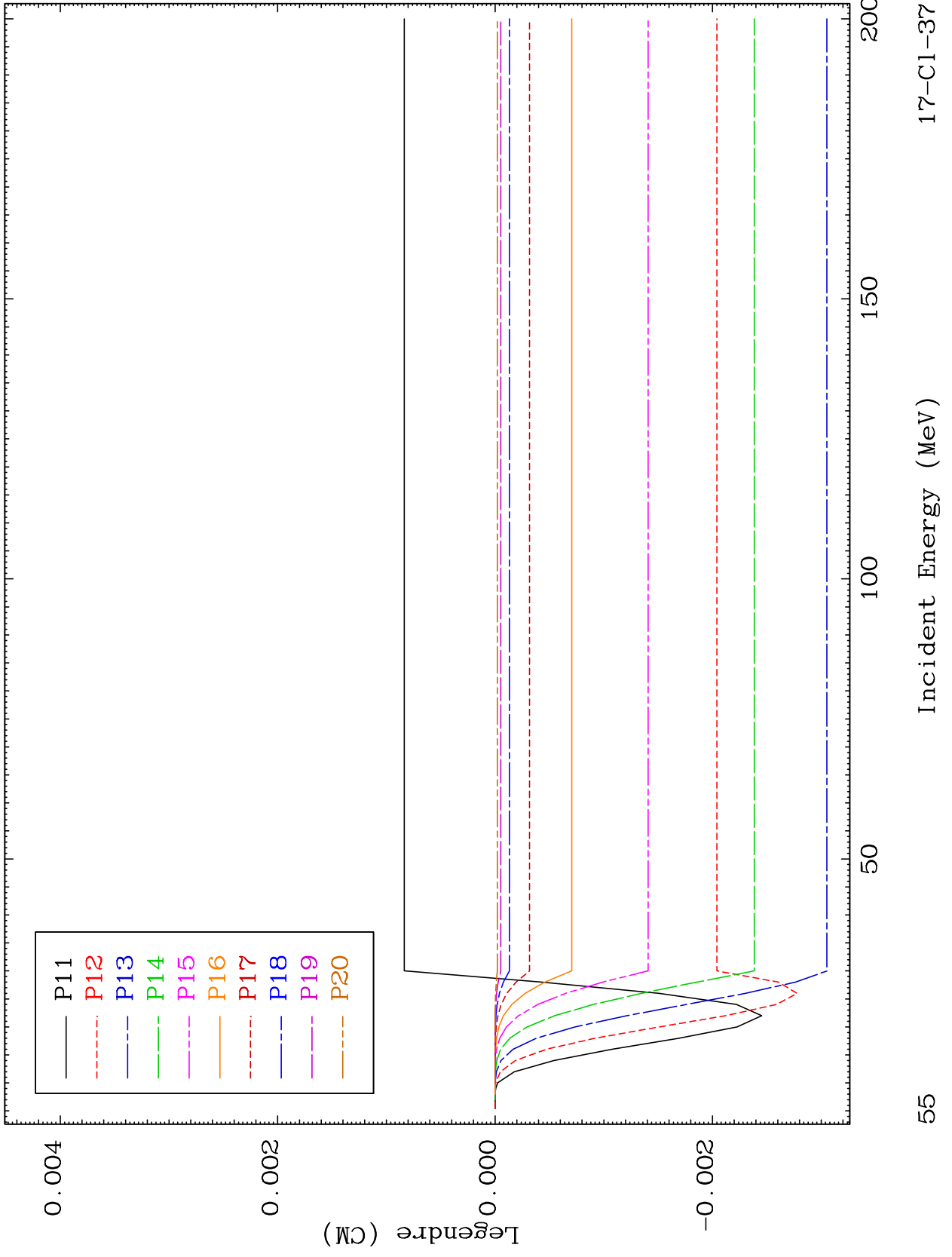
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37

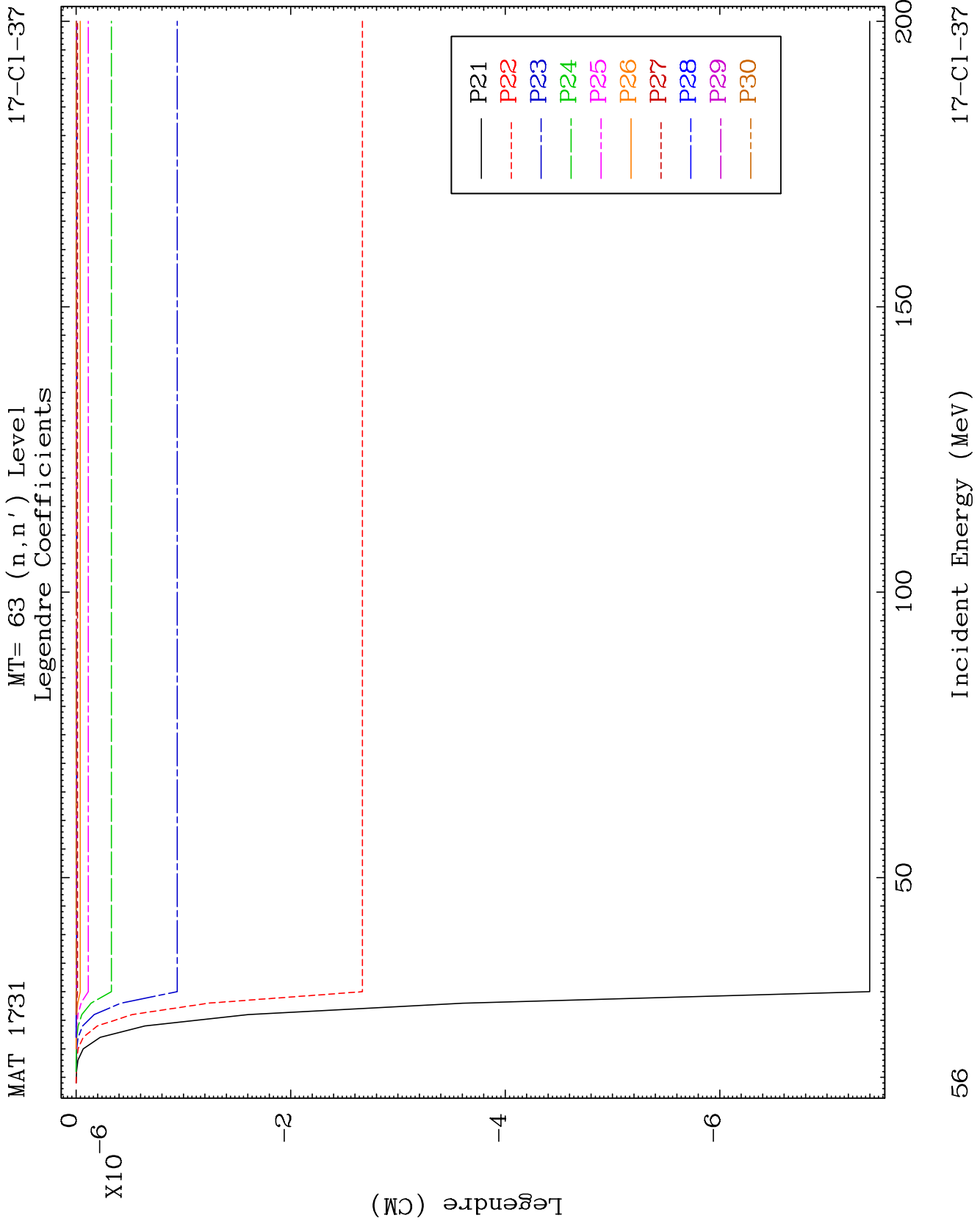


55

Incident Energy (MeV)

17-Cl-37

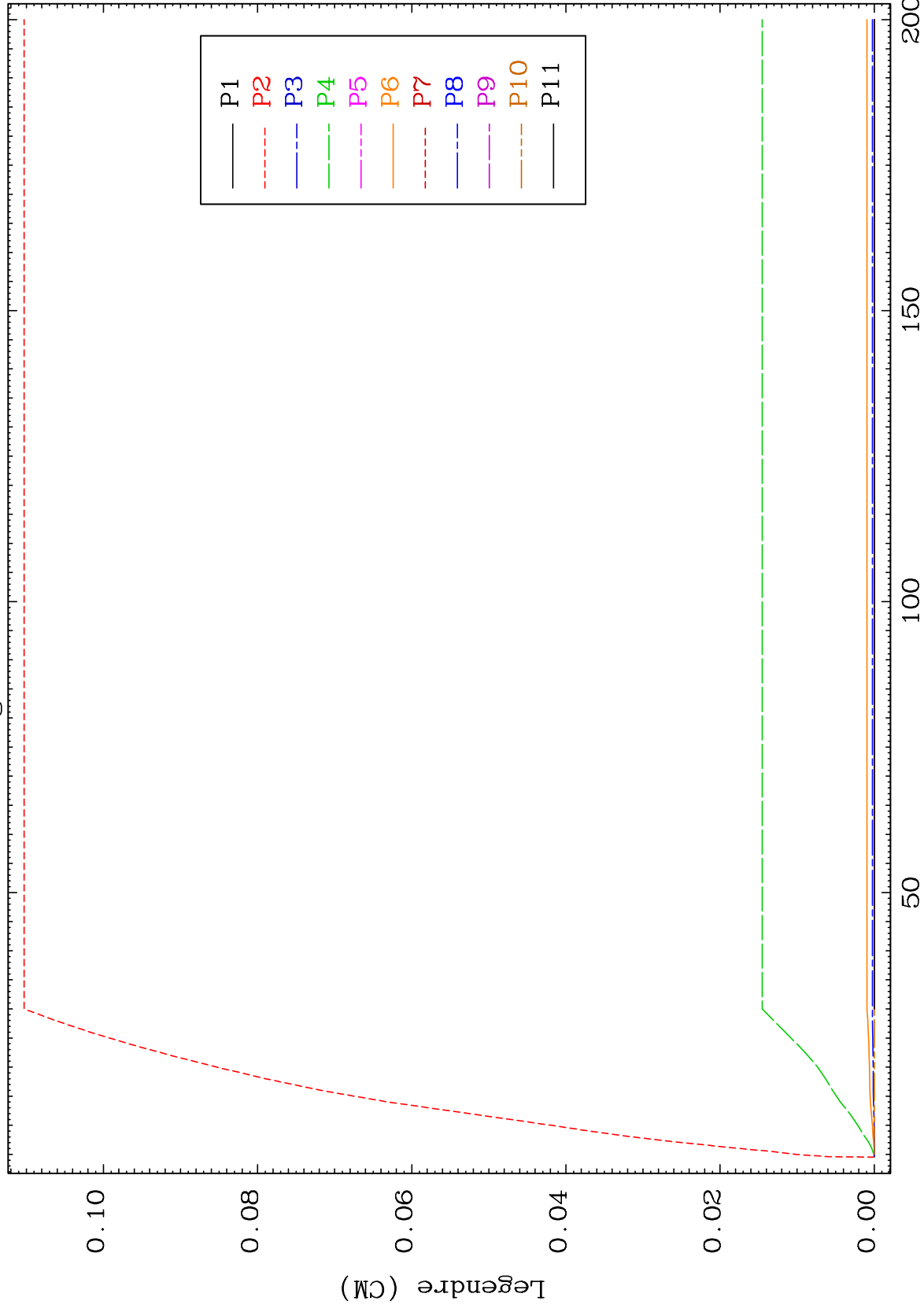




MAT 1731

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

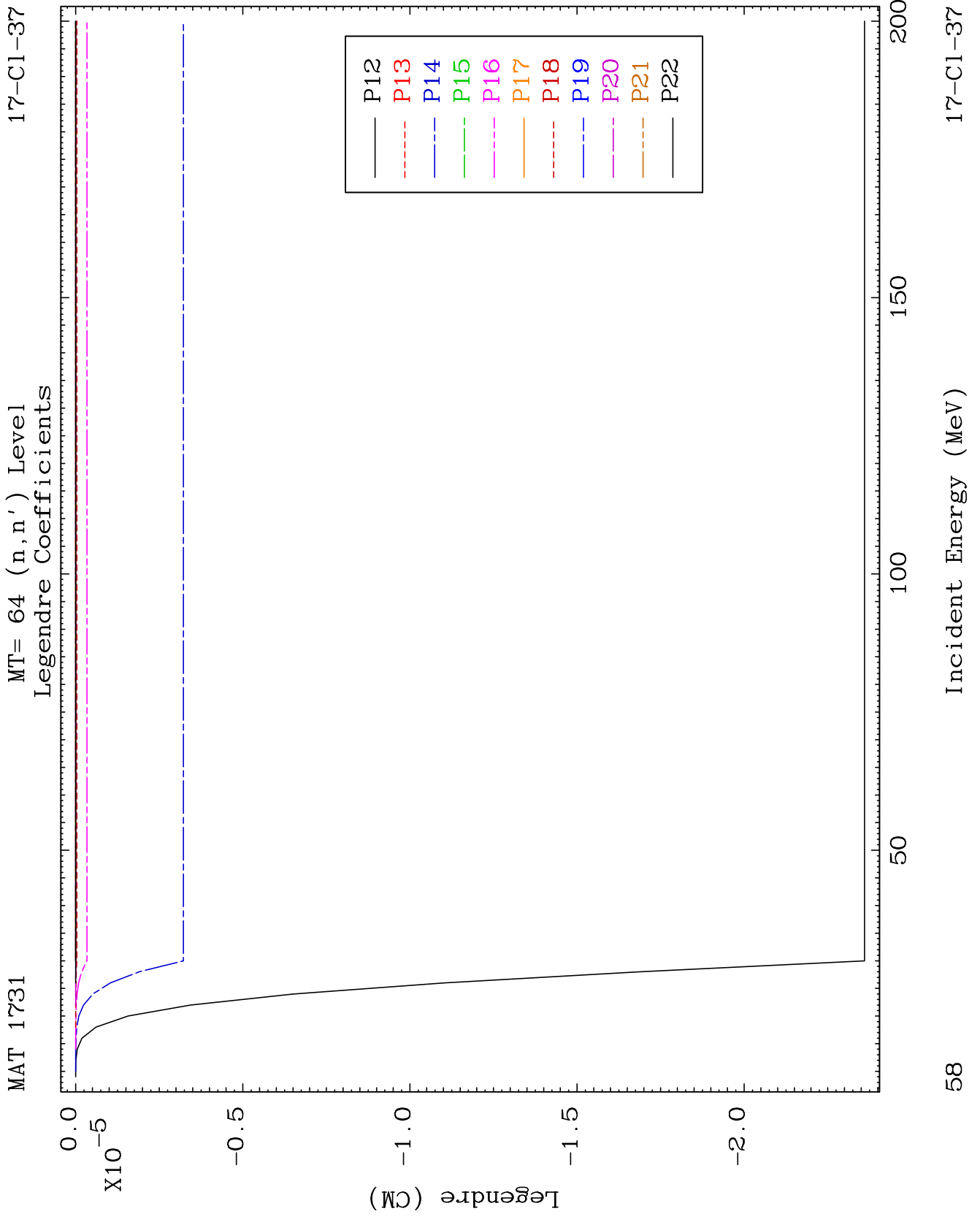
17-Cl-37



57

Incident Energy (MeV)

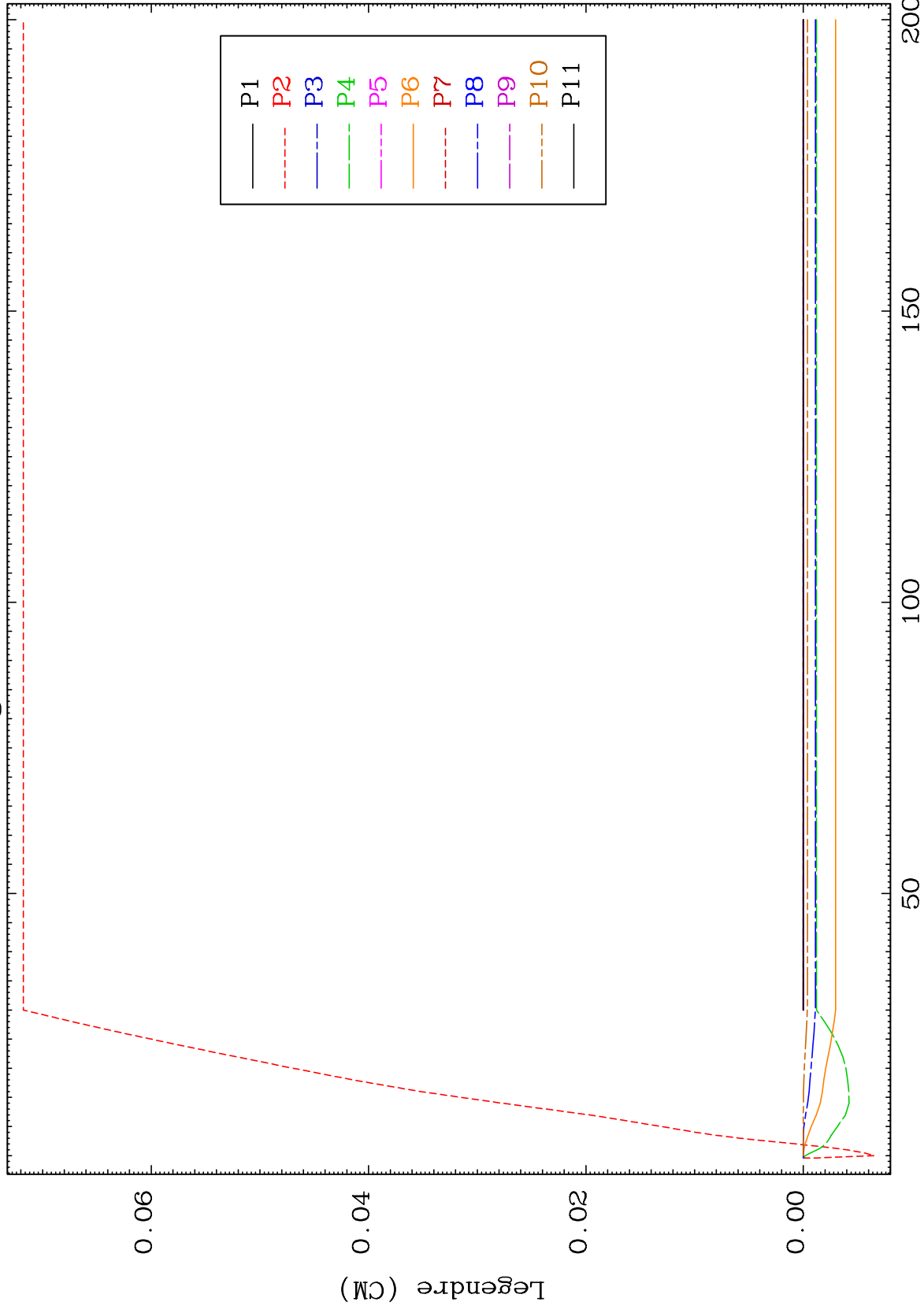
17-Cl-37



MAT 1731

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

17-Cl-37



59

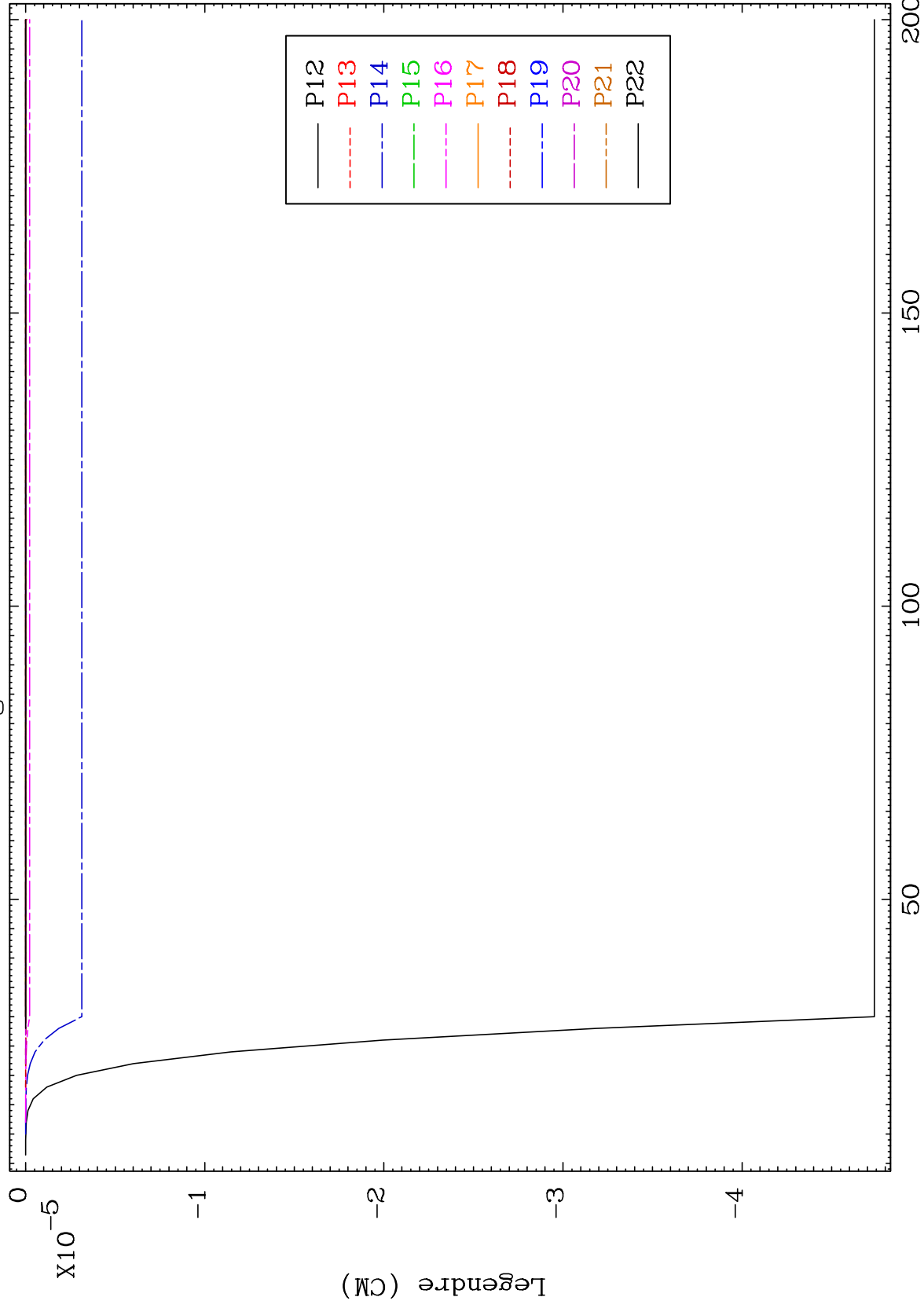
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37



60

Incident Energy (MeV)

50

100

150

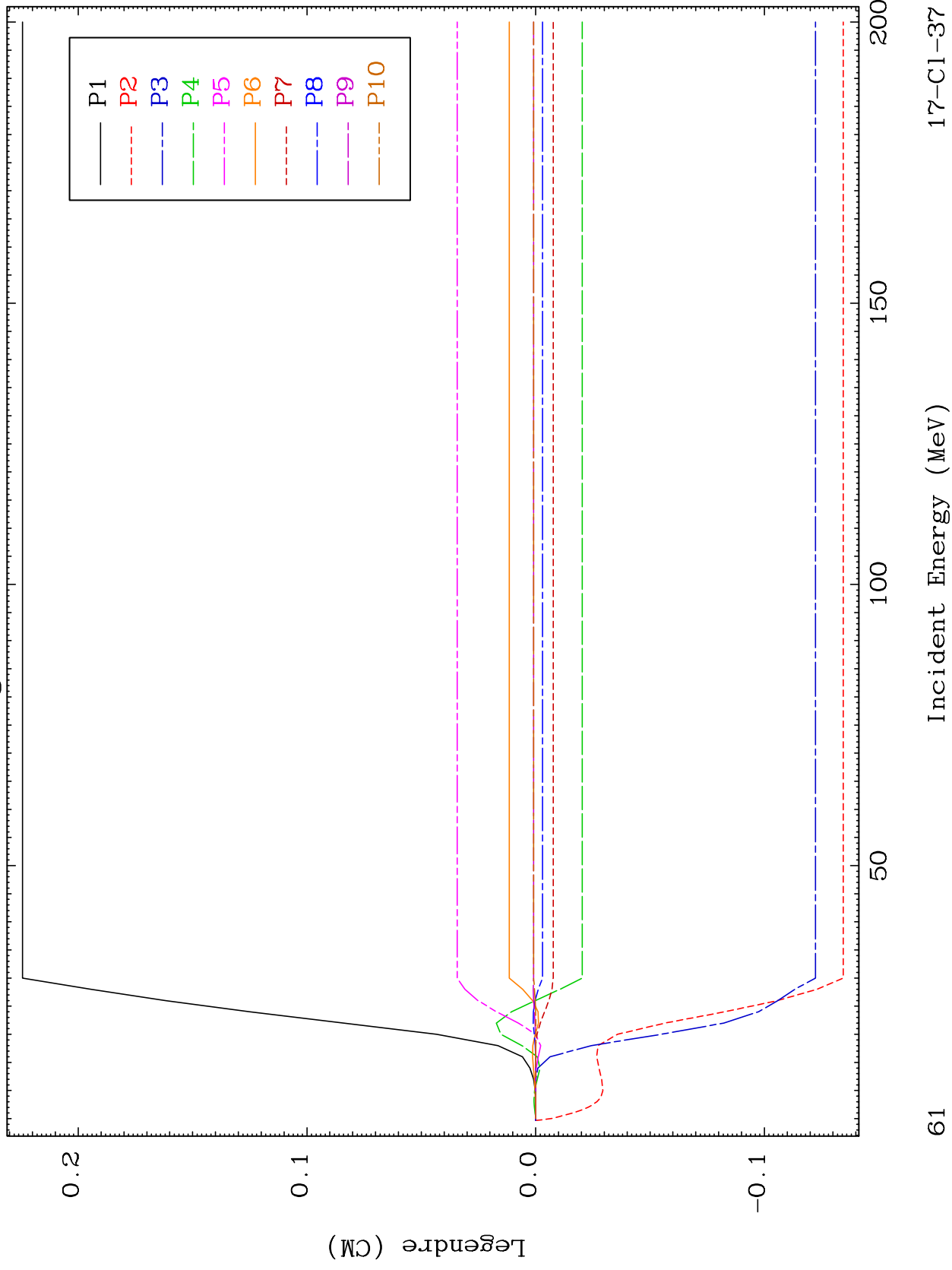
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17-Cl-37

MAT 1731

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

17-Cl-37



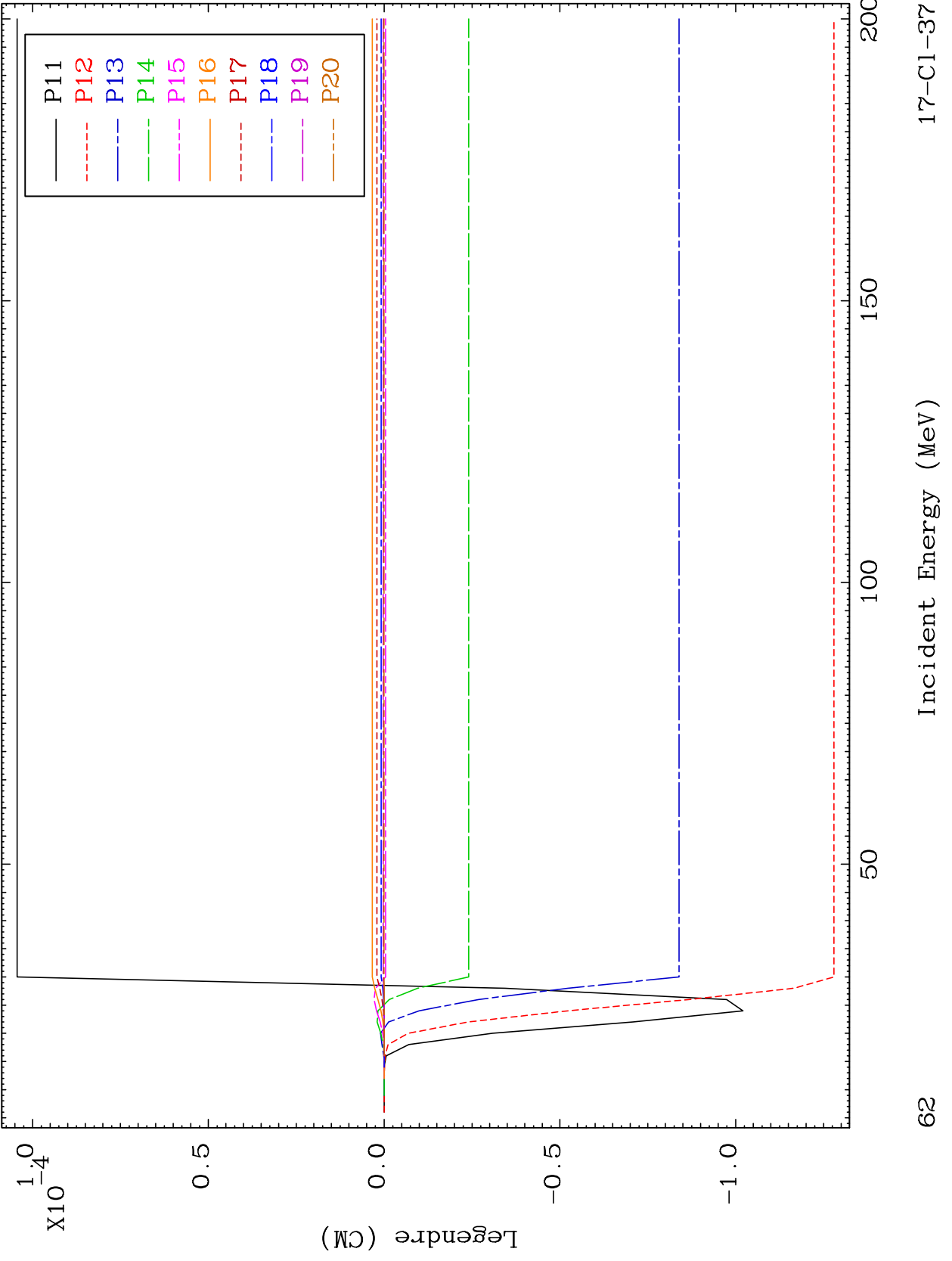
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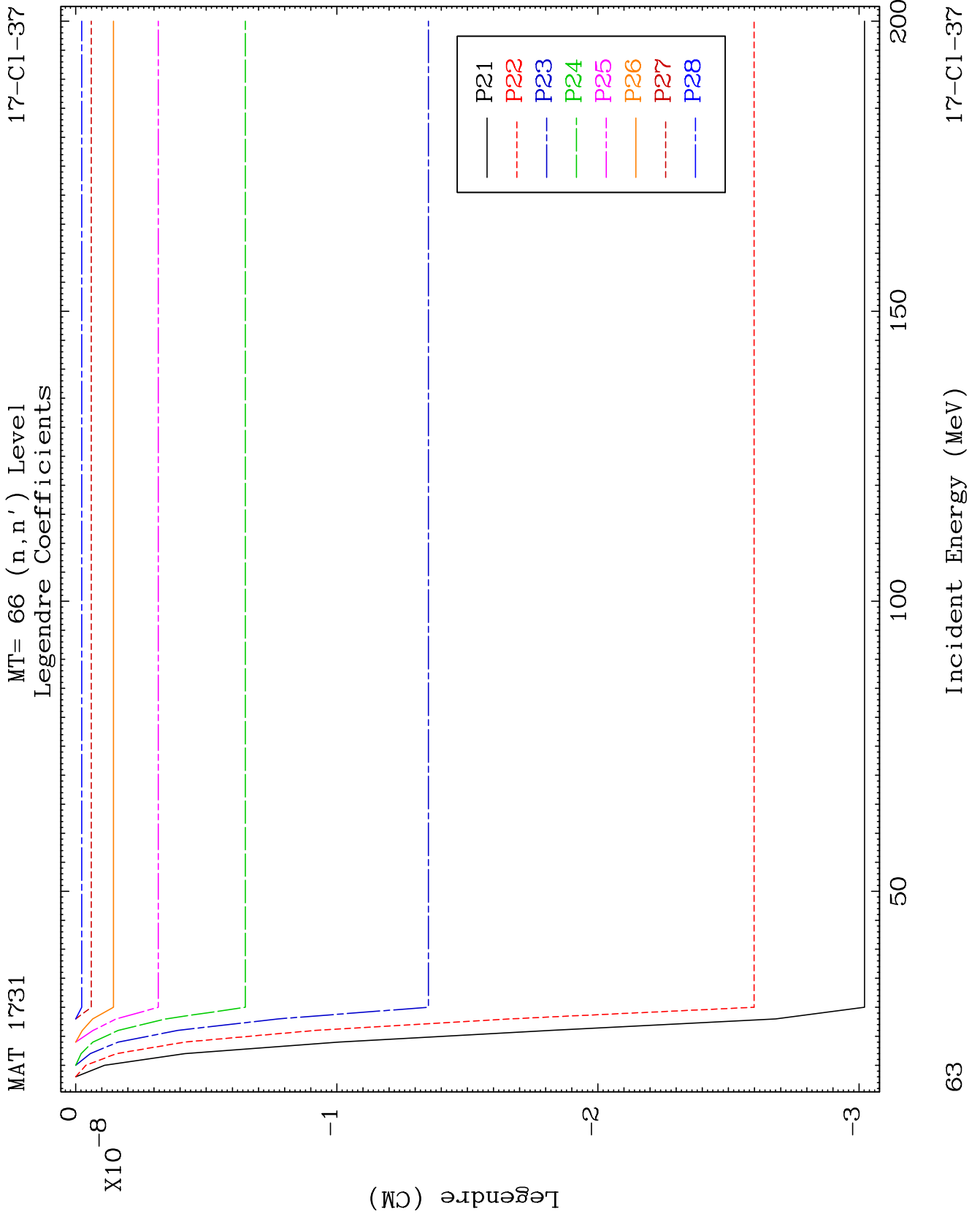
17-Cl-37

MAT 1731

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

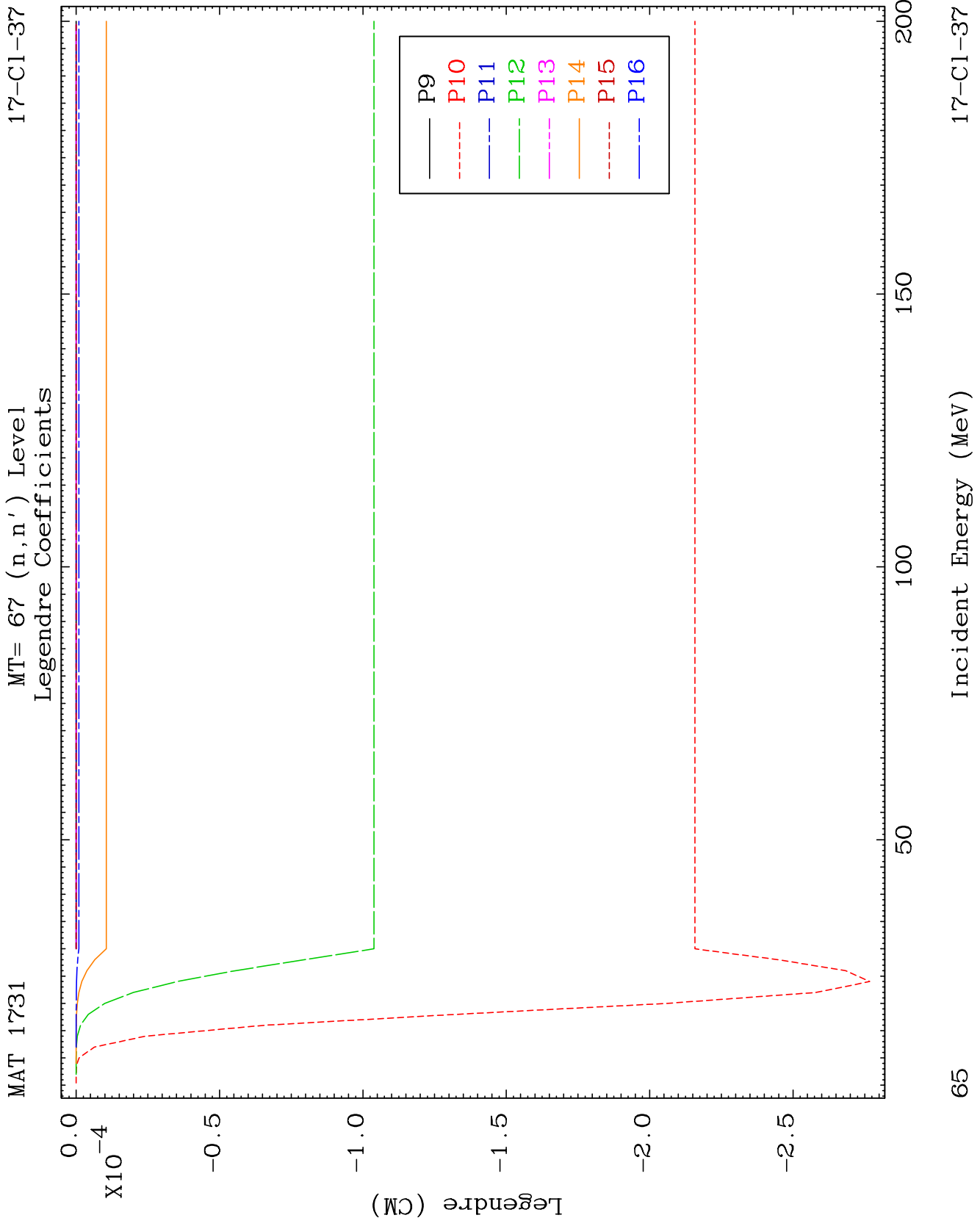
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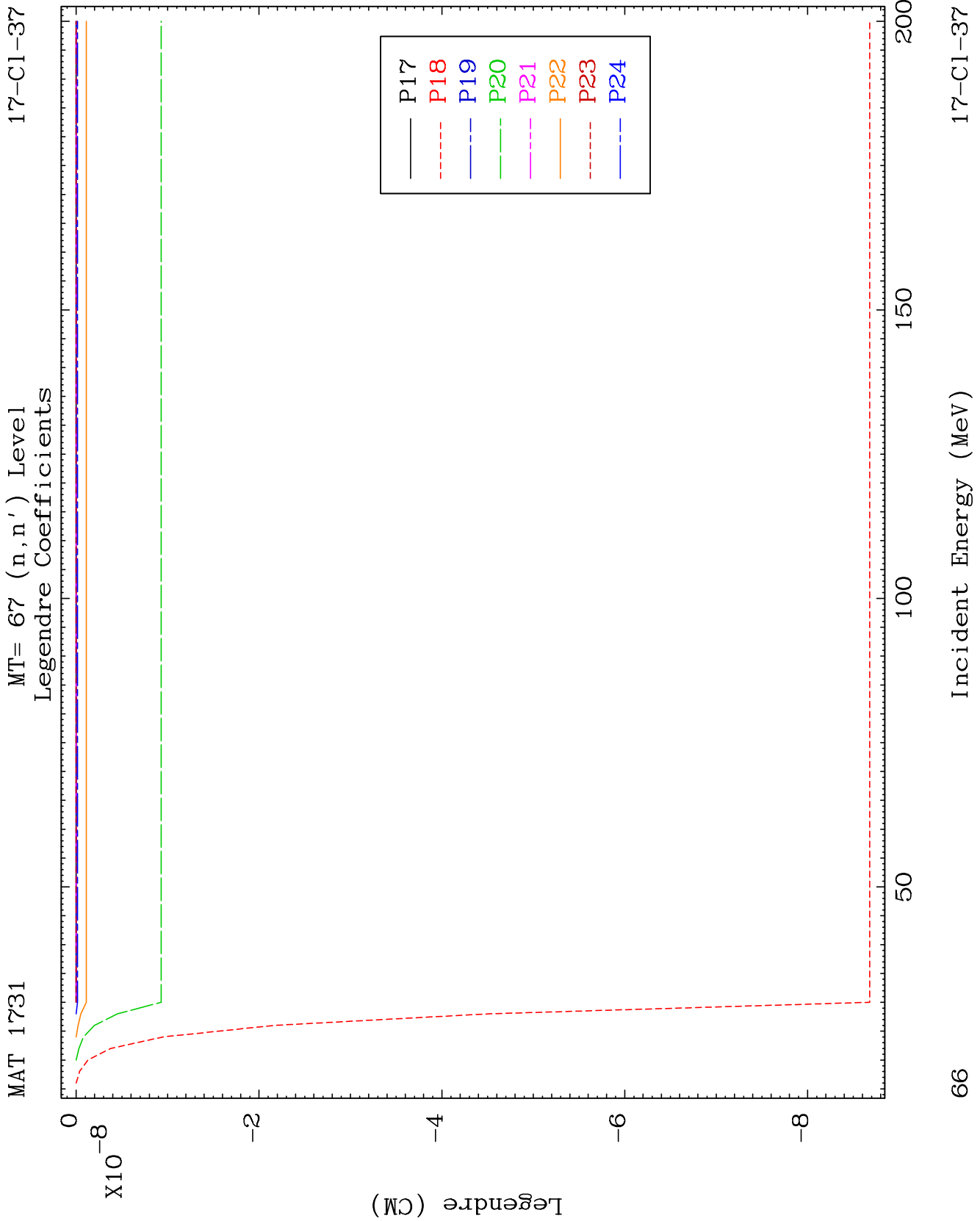








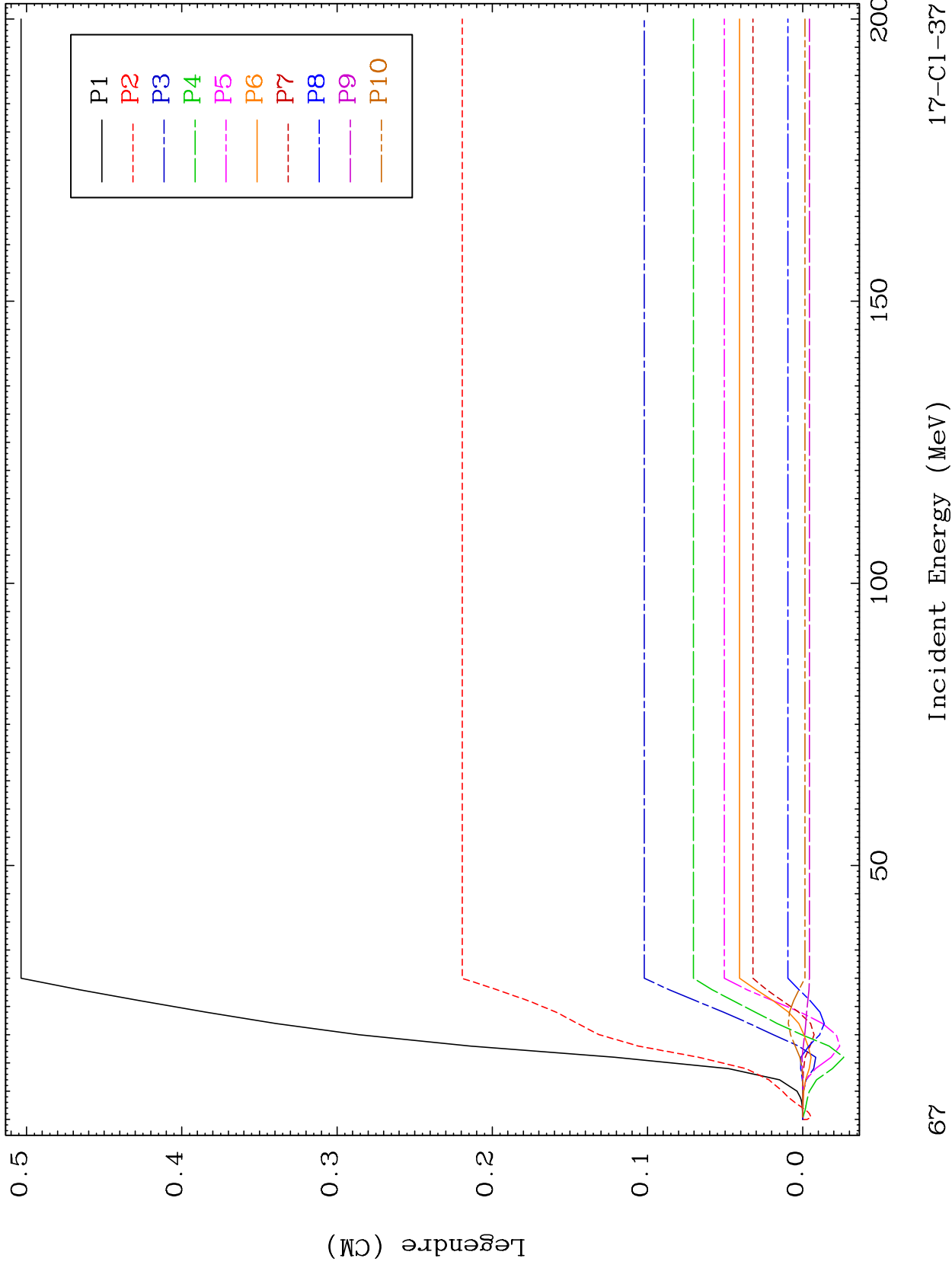




MAT 1731

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

17-Cl-37



67

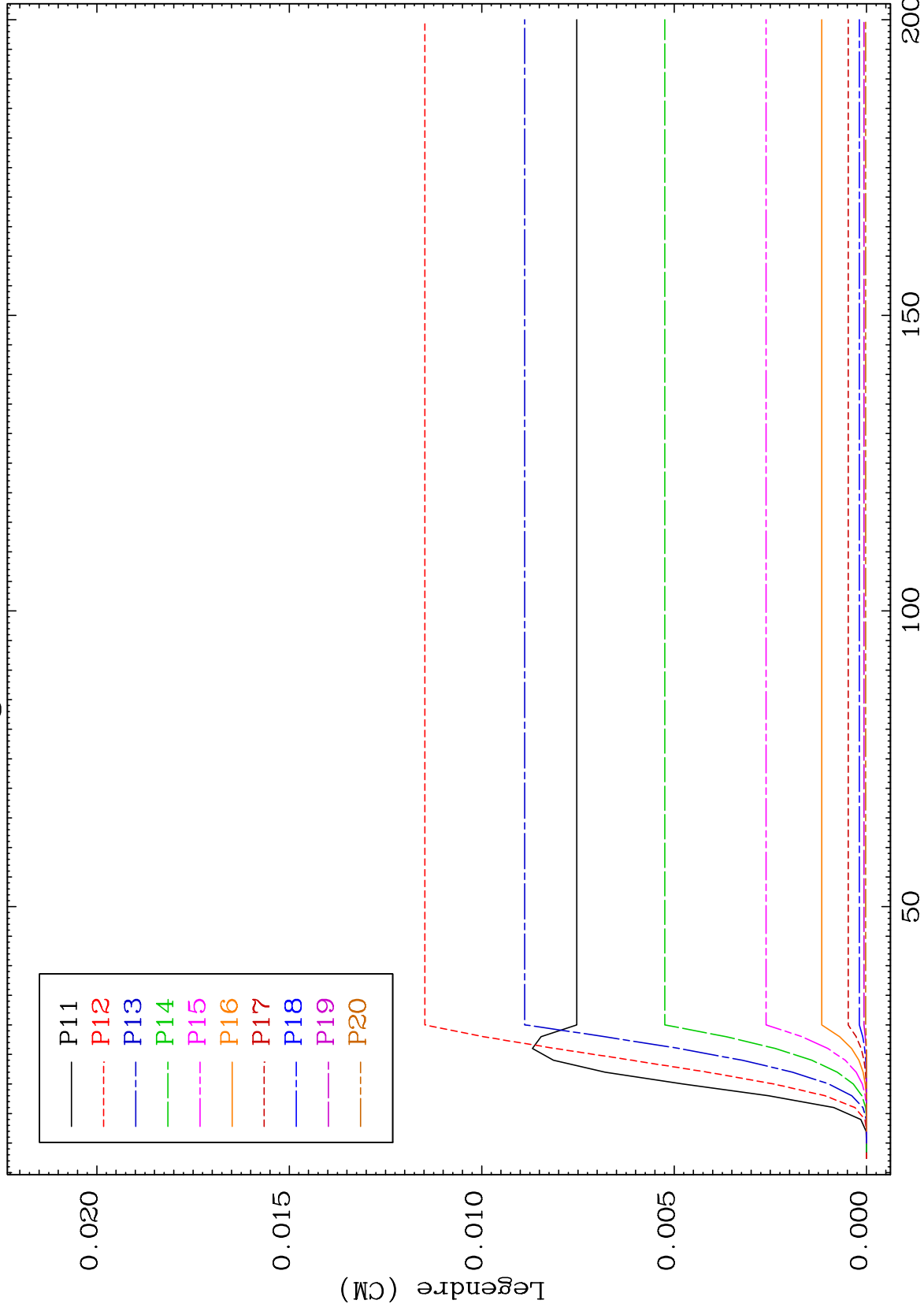
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37



68

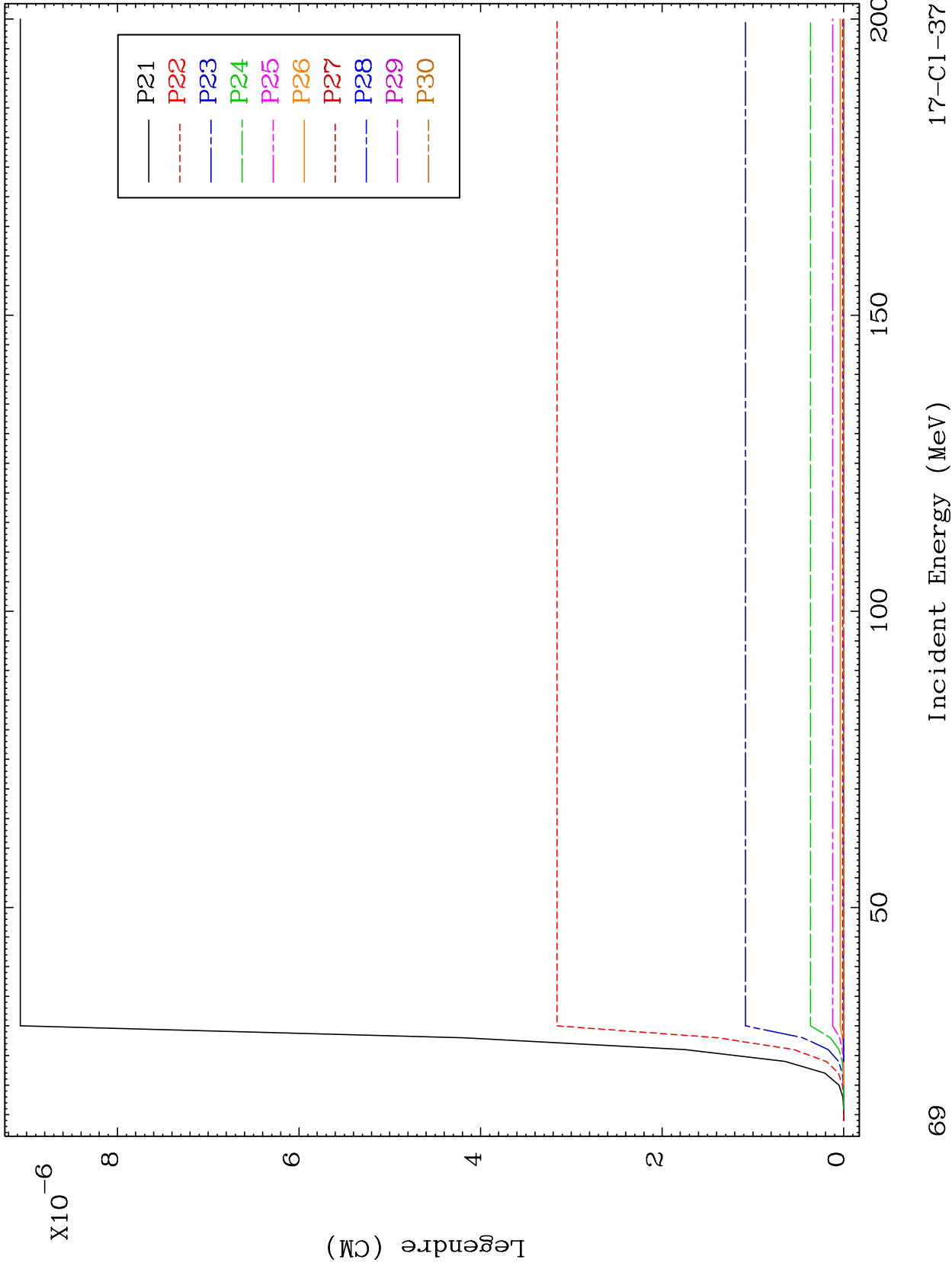
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37



69

Incident Energy (MeV)

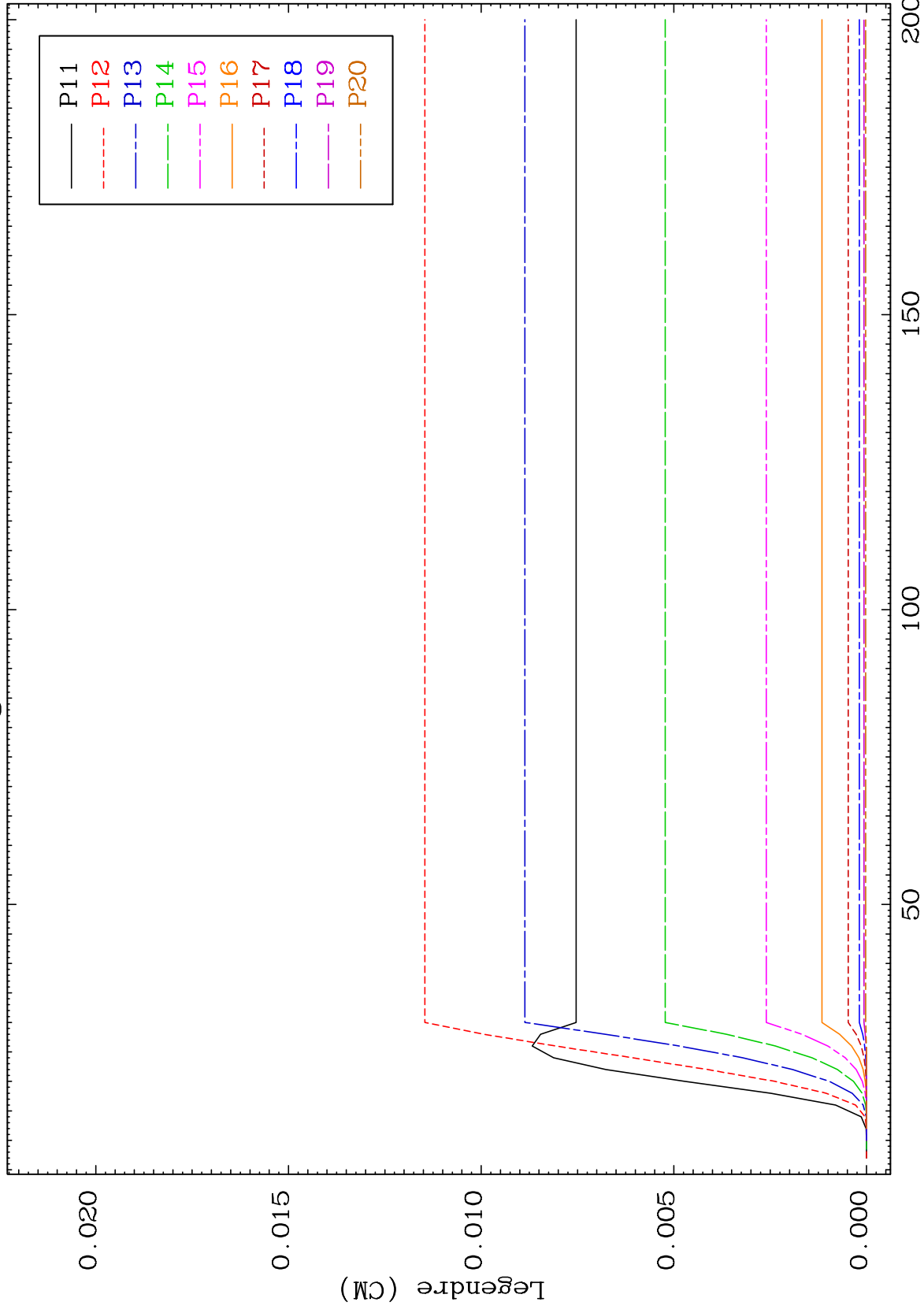
17-Cl-37



MAT 1731

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

17-Cl-37



71

Incident Energy (MeV)

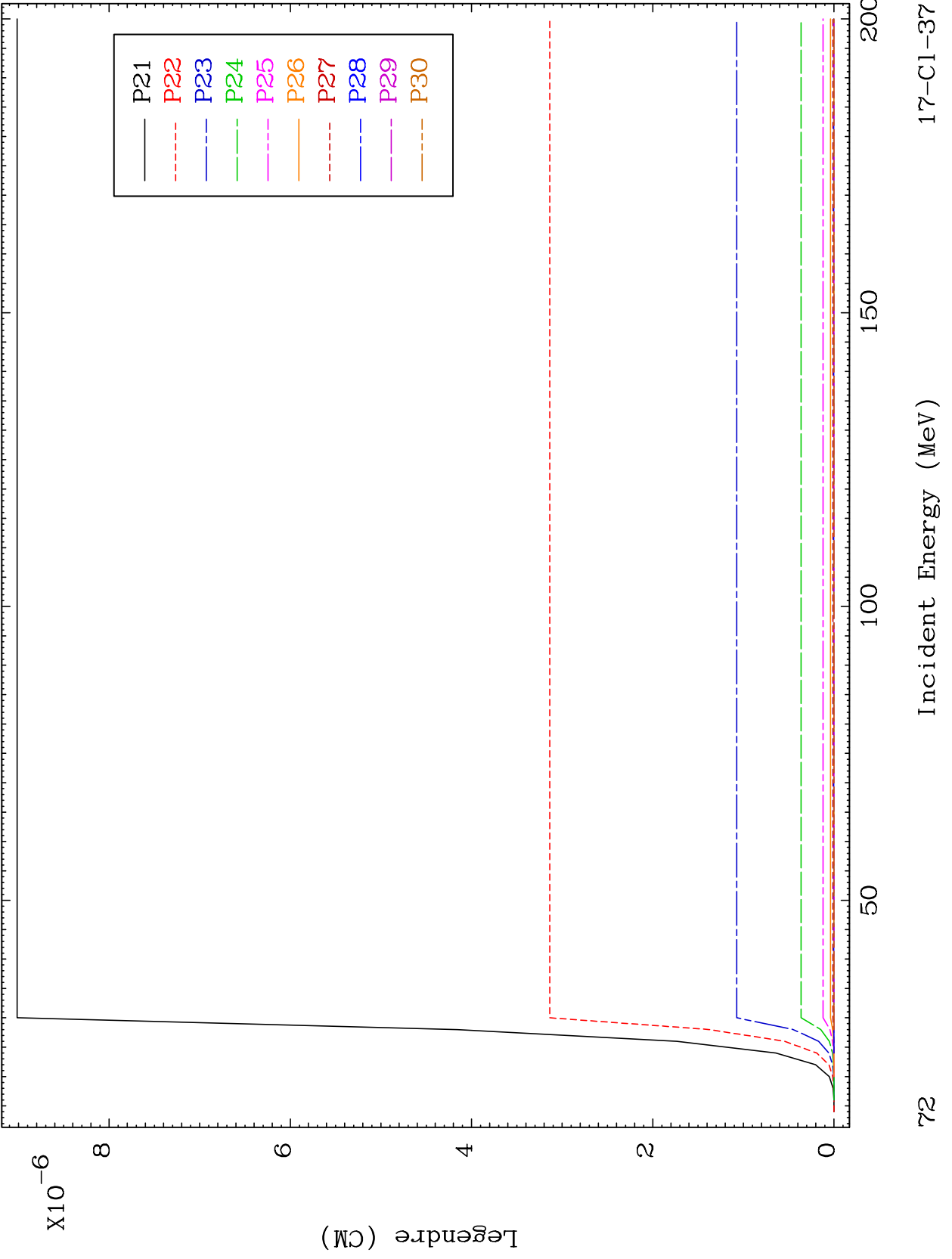
17-Cl-37



MAT 1731

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

17-Cl-37



72

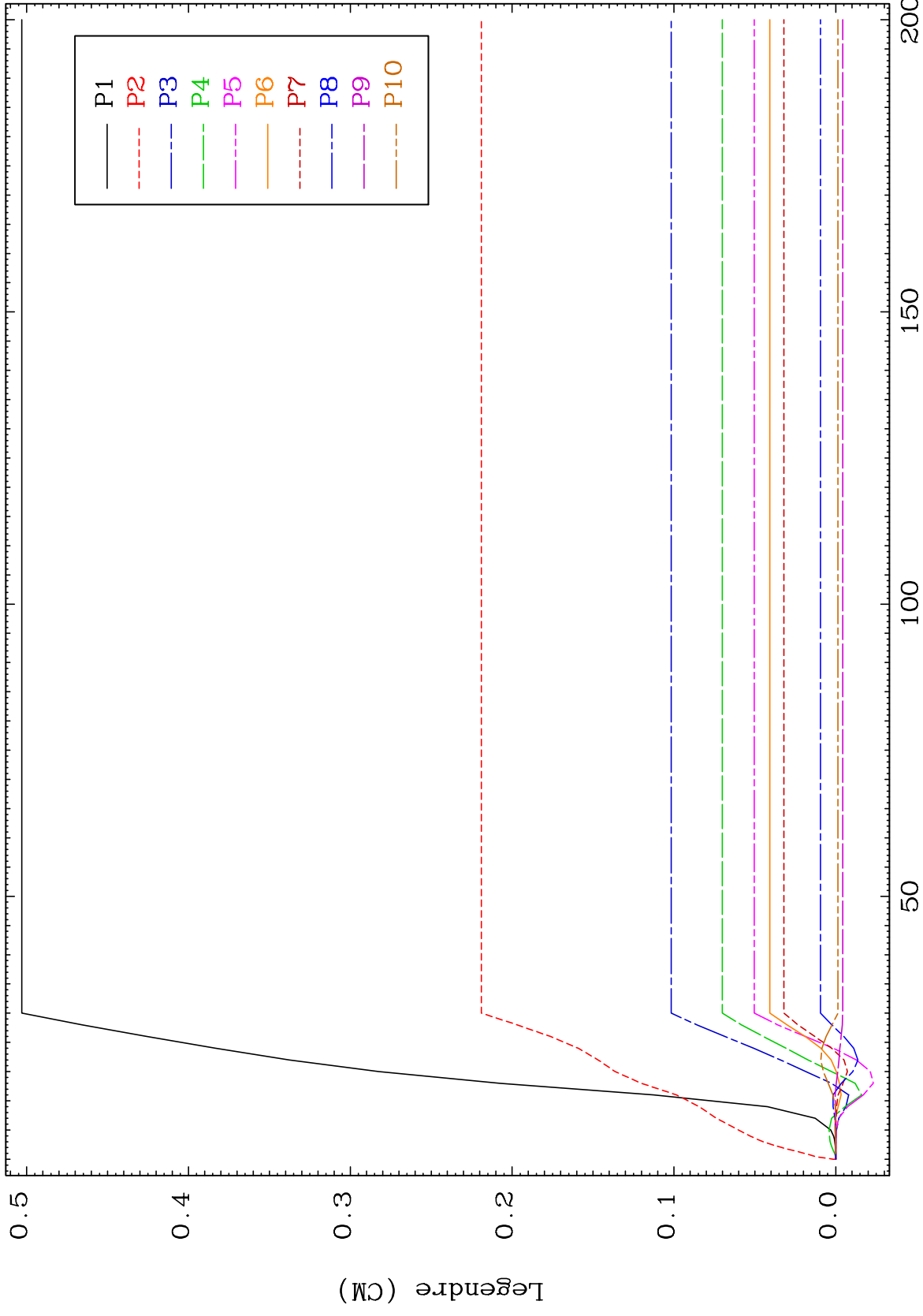
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37



73

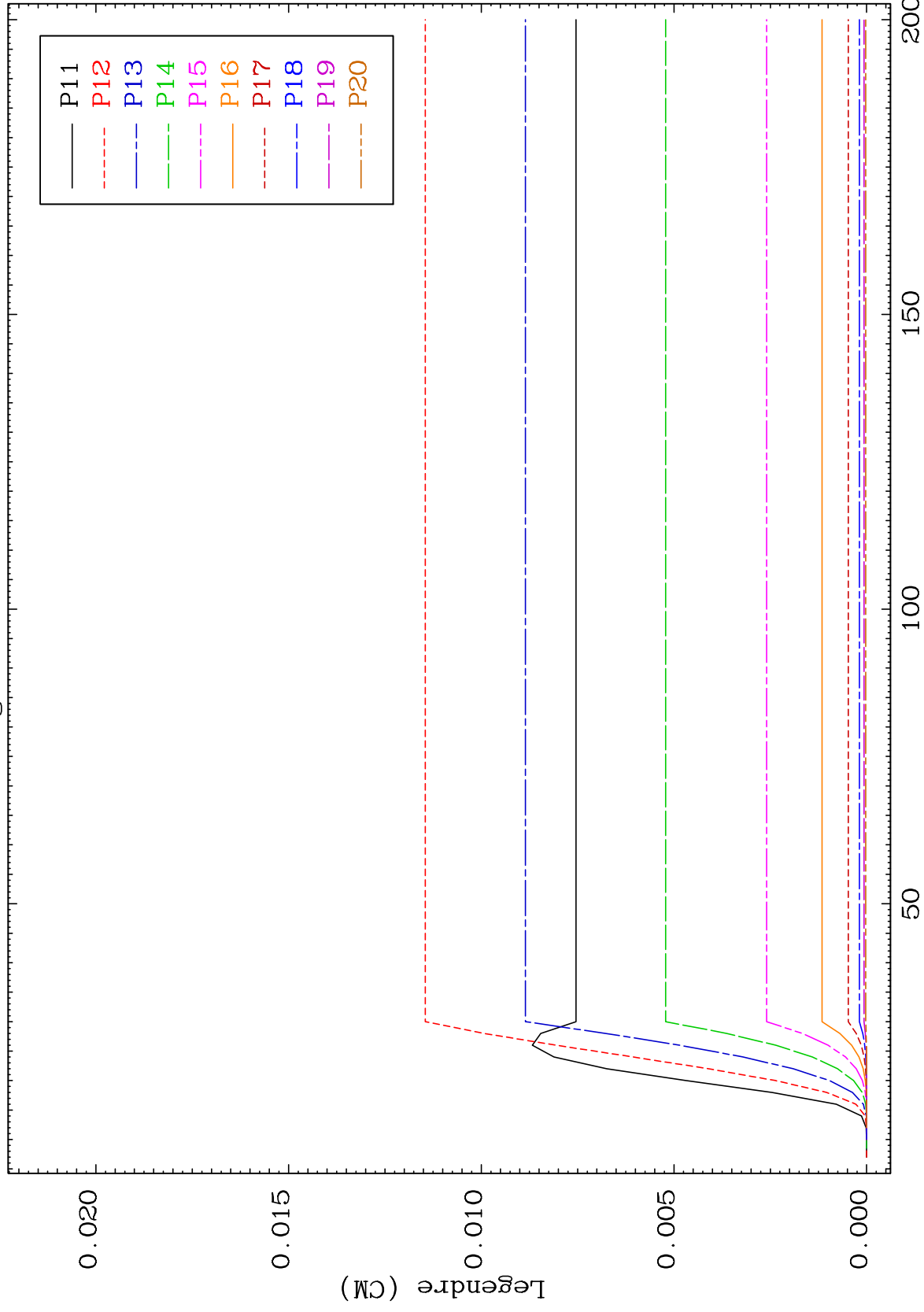
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

17-Cl-37



74

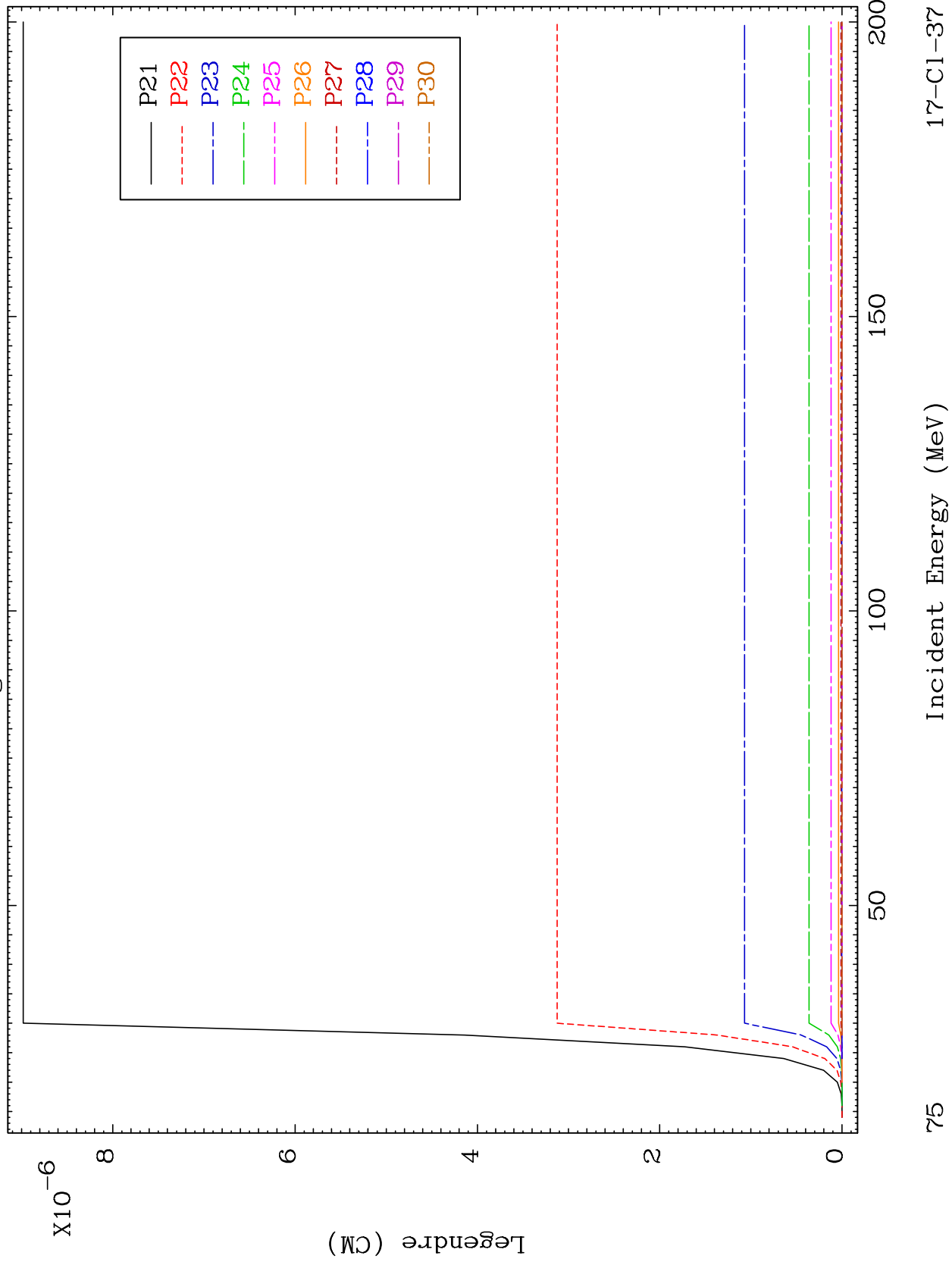
Incident Energy (MeV)

17-Cl-37

MAT 1731

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

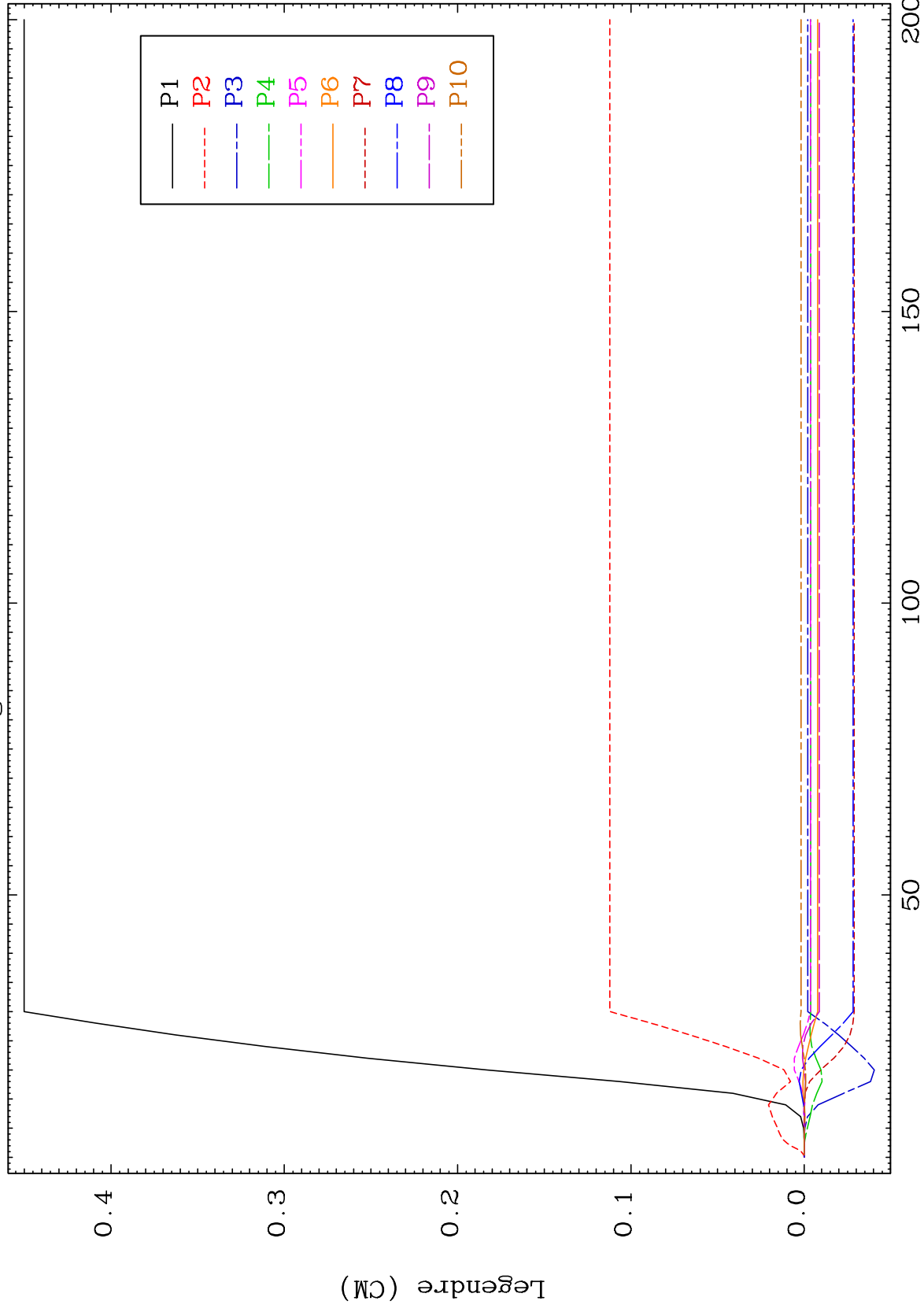
17-Cl-37



MAT 1731

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

17-Cl-37



76

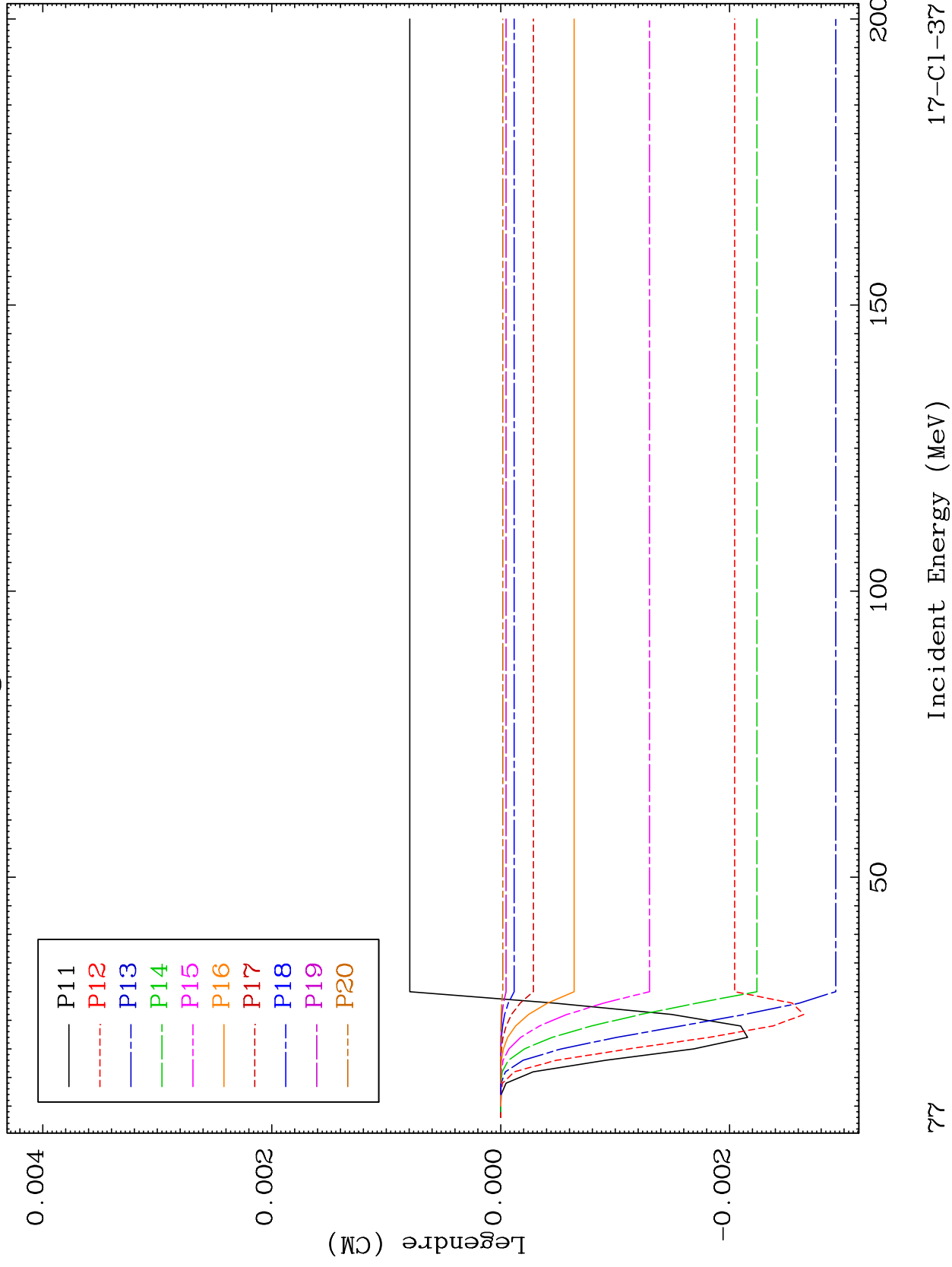
Incident Energy (MeV)

17-Cl-37

MAT 1731

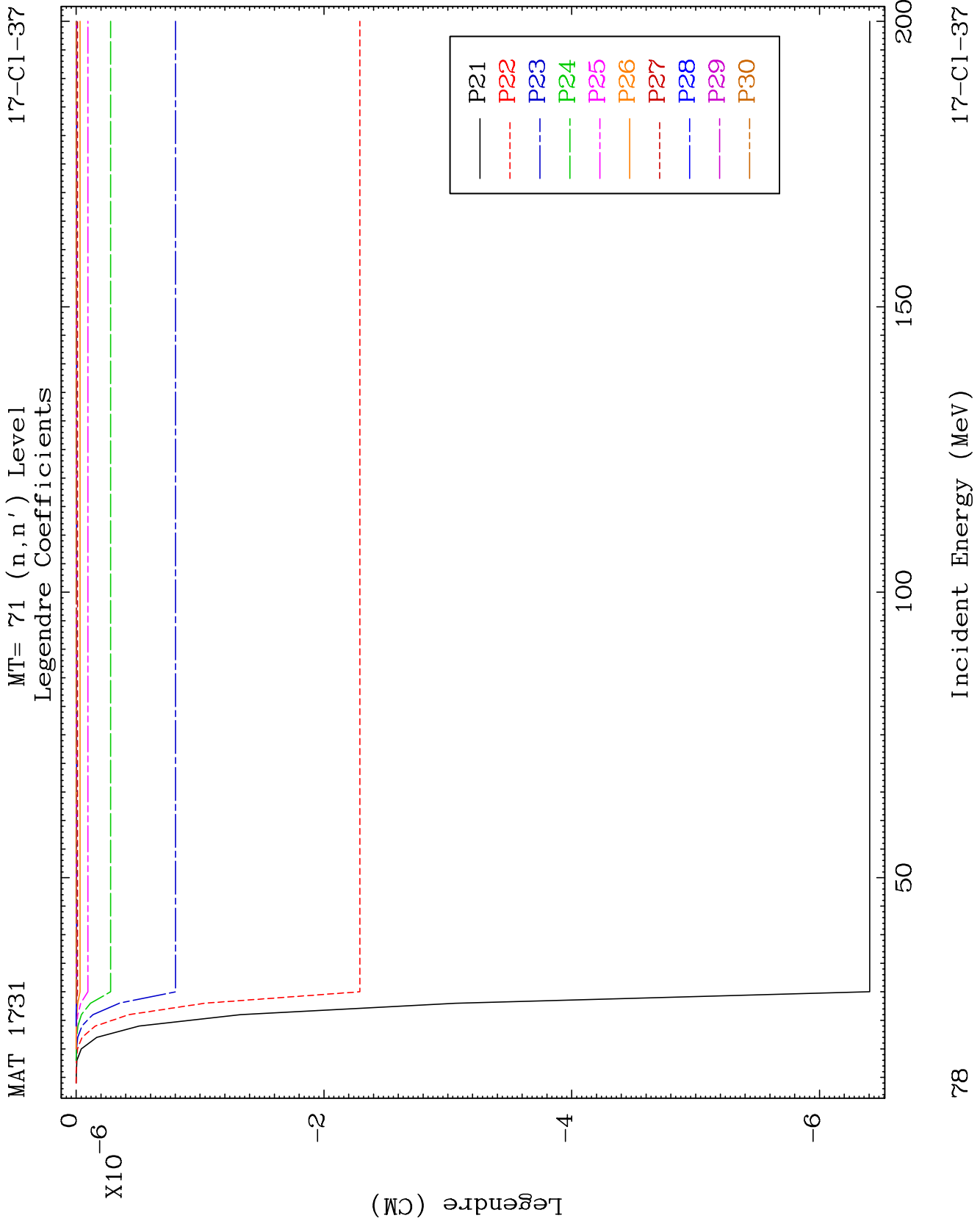
MT= 71 (n,n') Level  
Legendre Coefficients

17-Cl-37



77

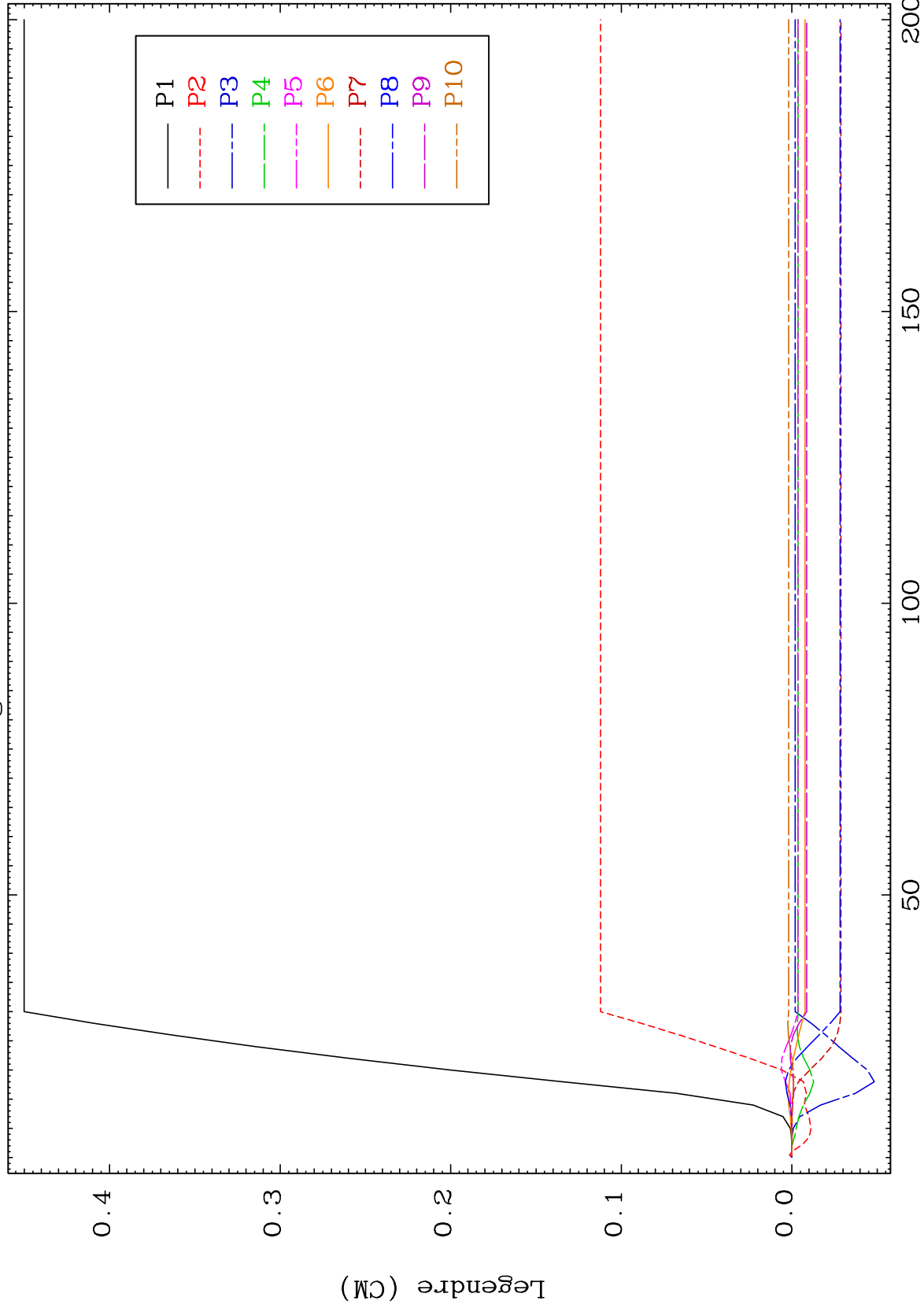
17-Cl-37



MAT 1731

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

17-Cl-37



79

Incident Energy (MeV)

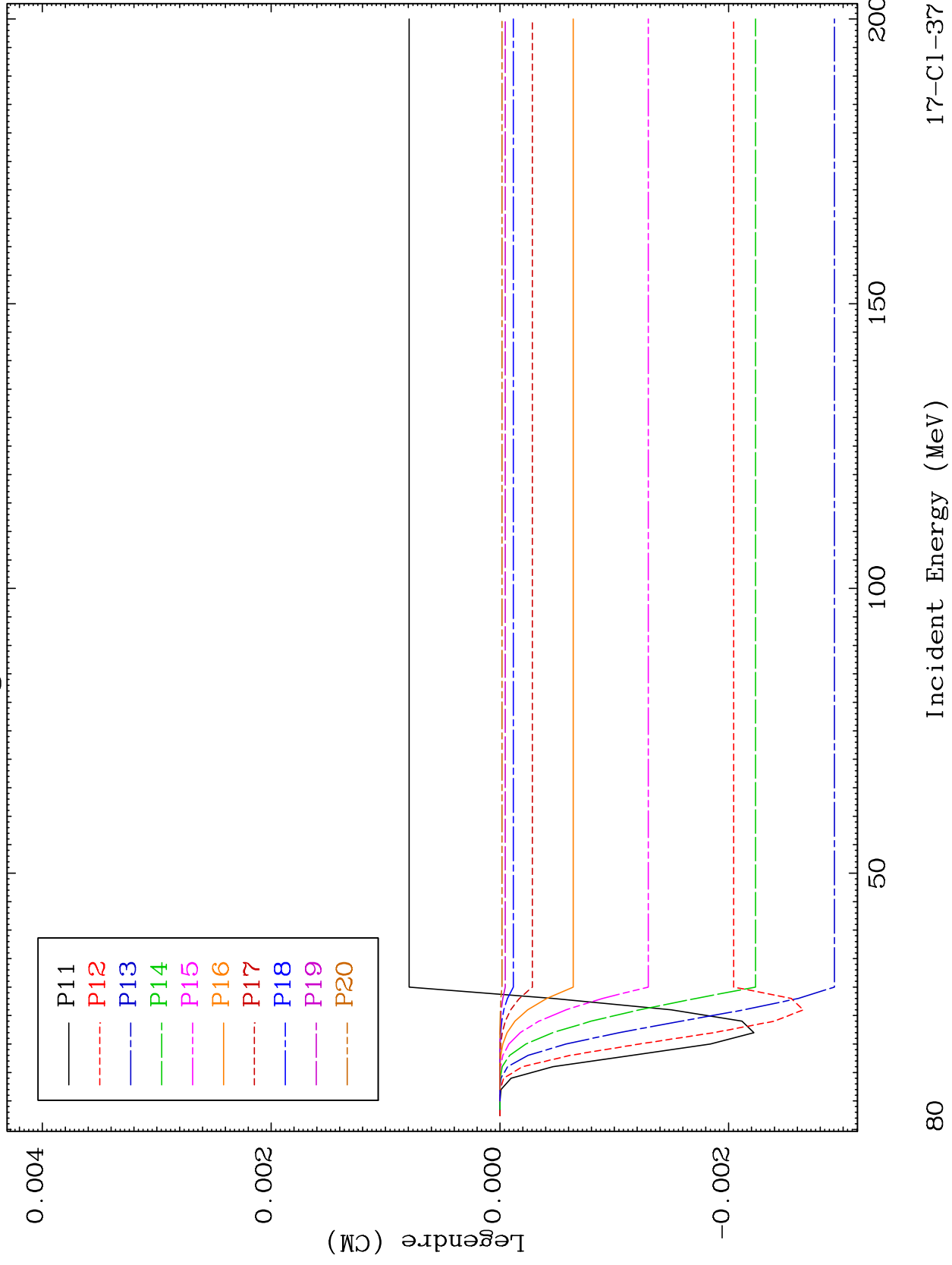
17-Cl-37



MAT 1731

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

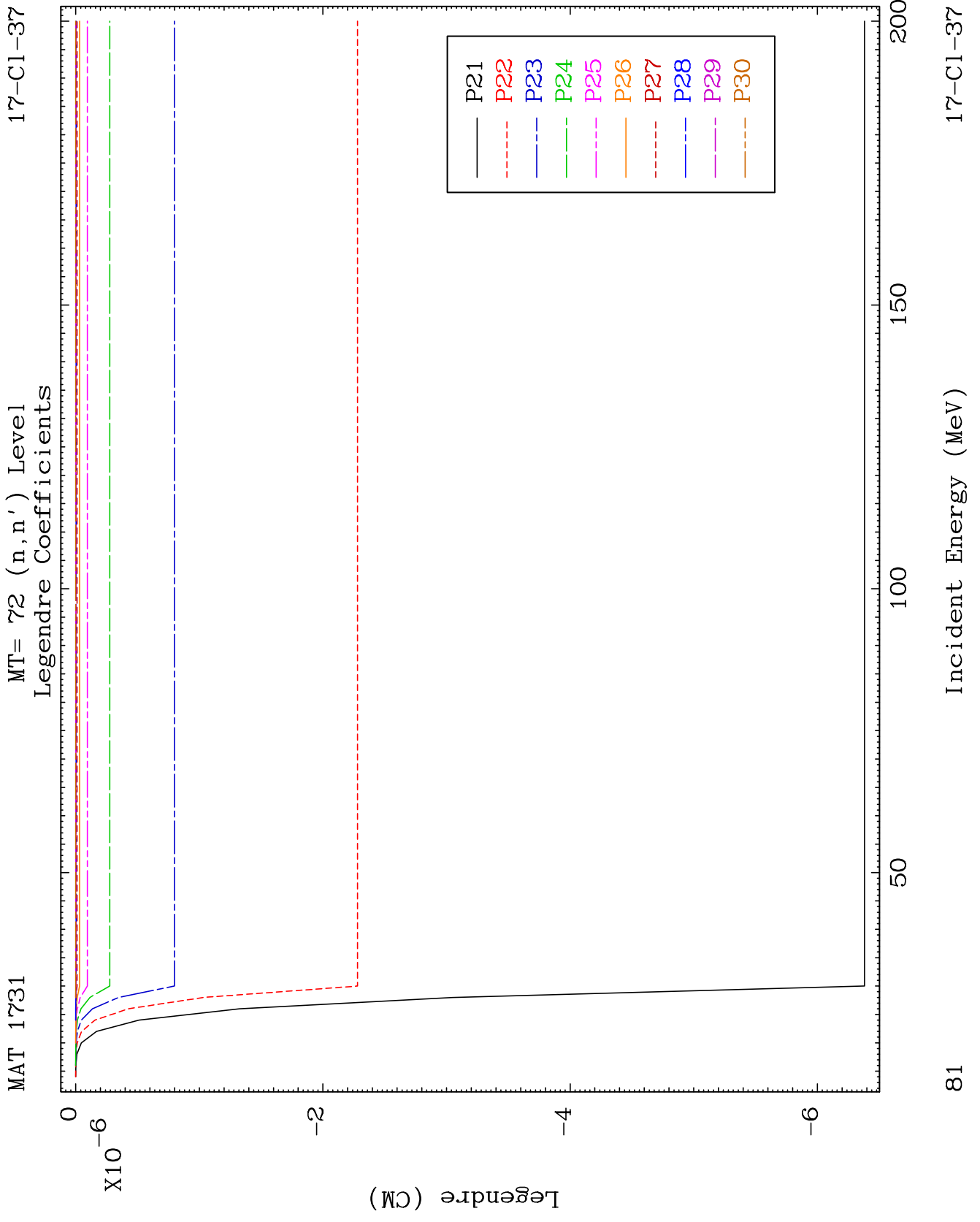
17-Cl-37



80

Incident Energy (MeV)

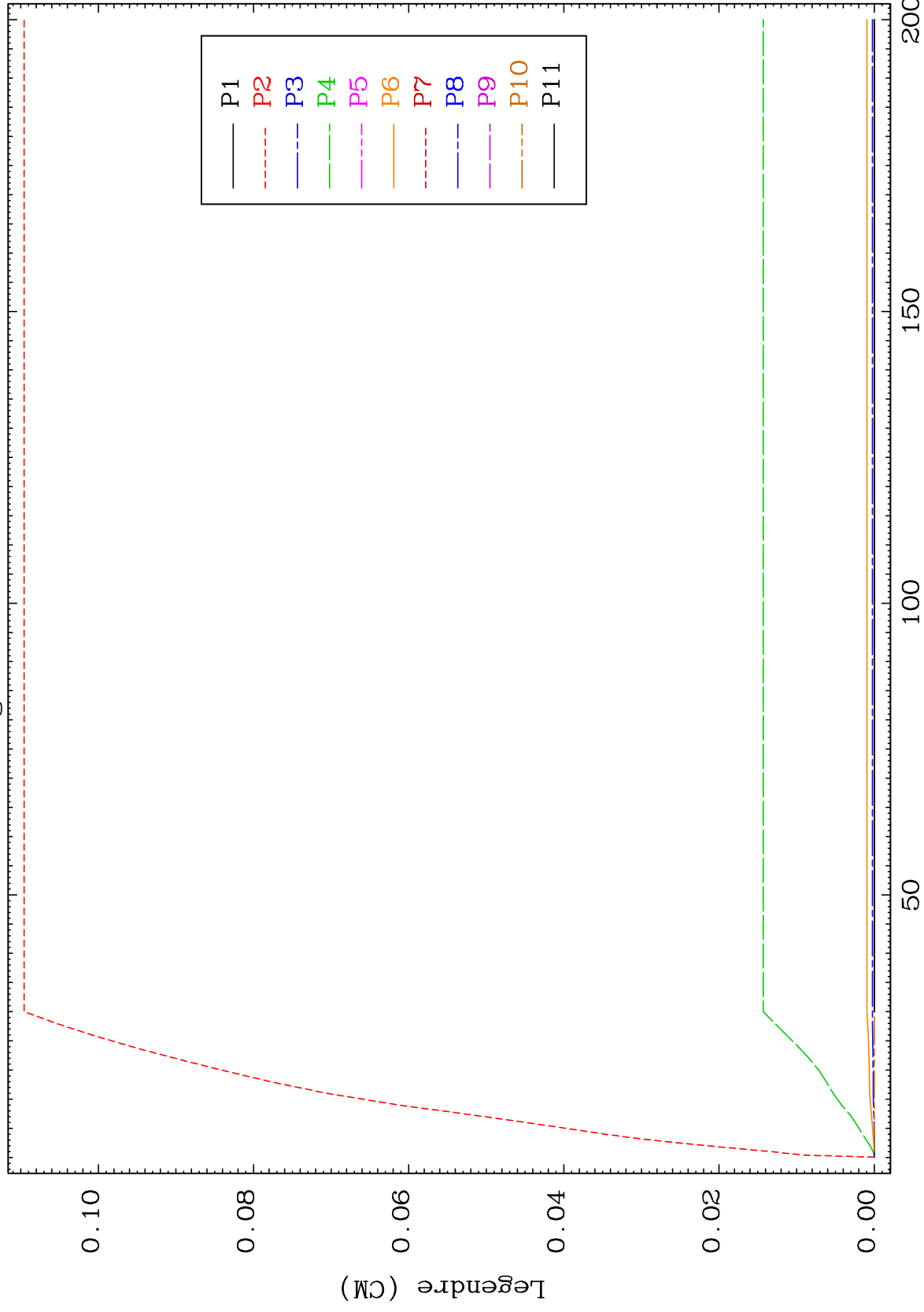
17-Cl-37



MAT 1731

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

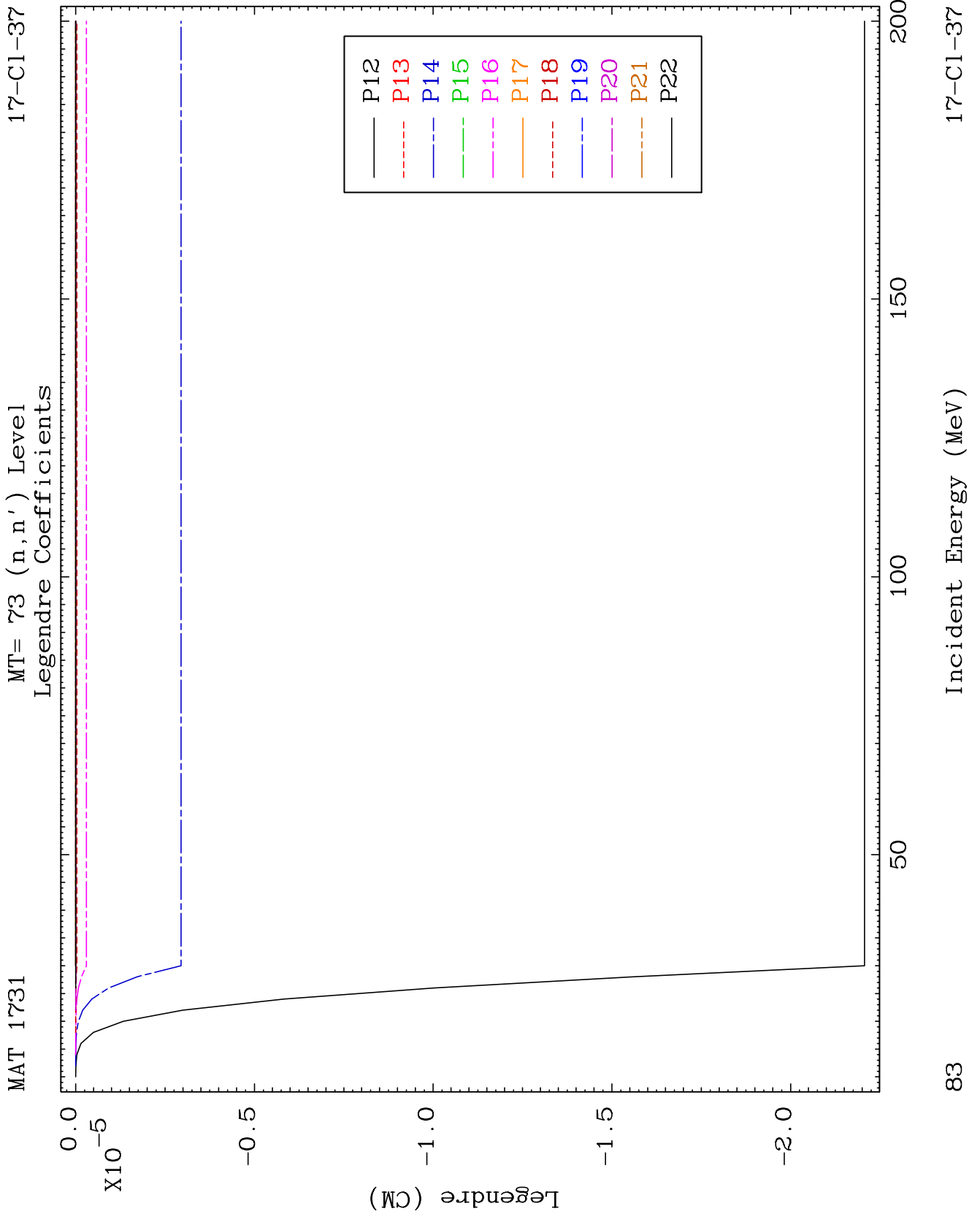
17-Cl-37



82

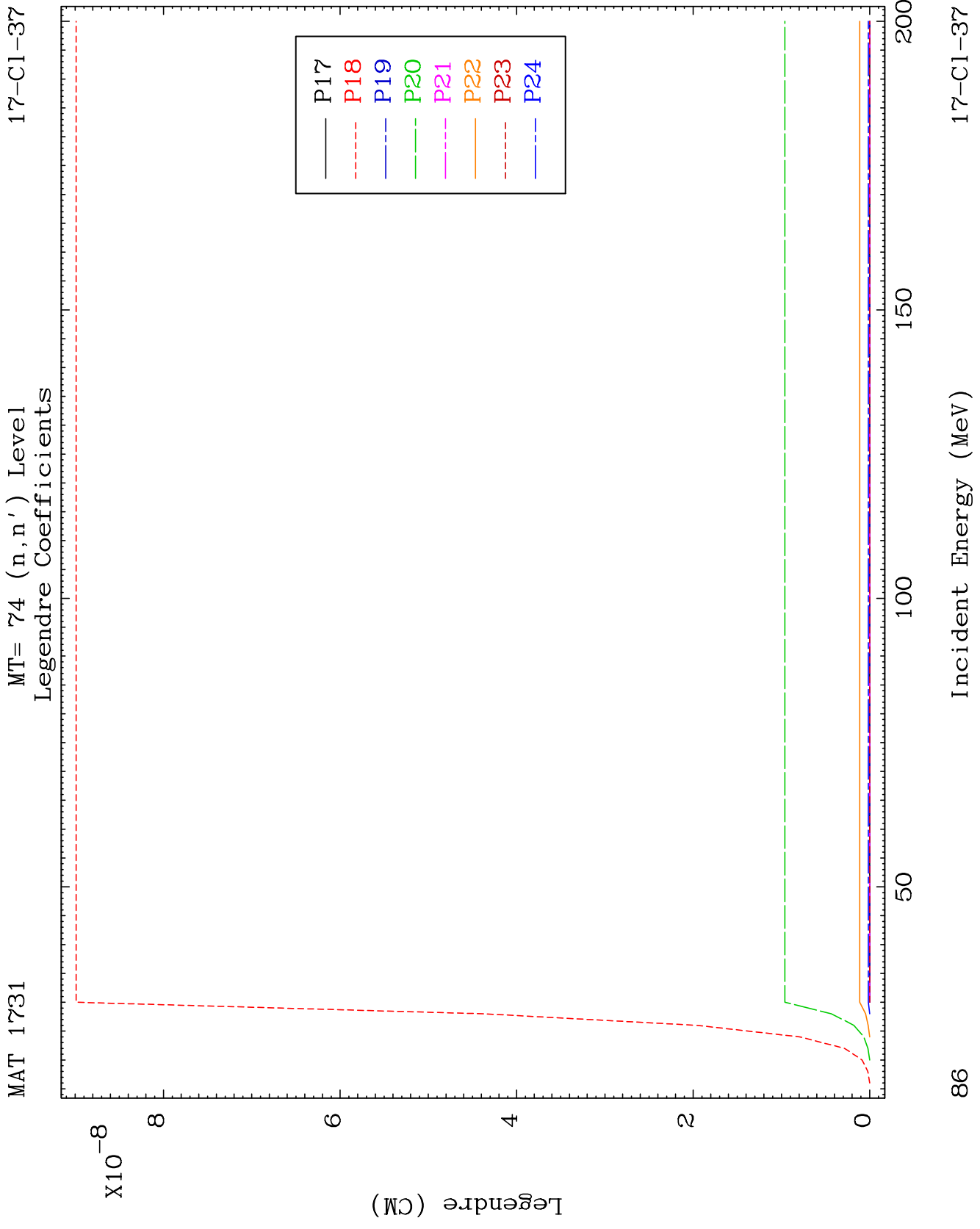
Incident Energy (MeV)

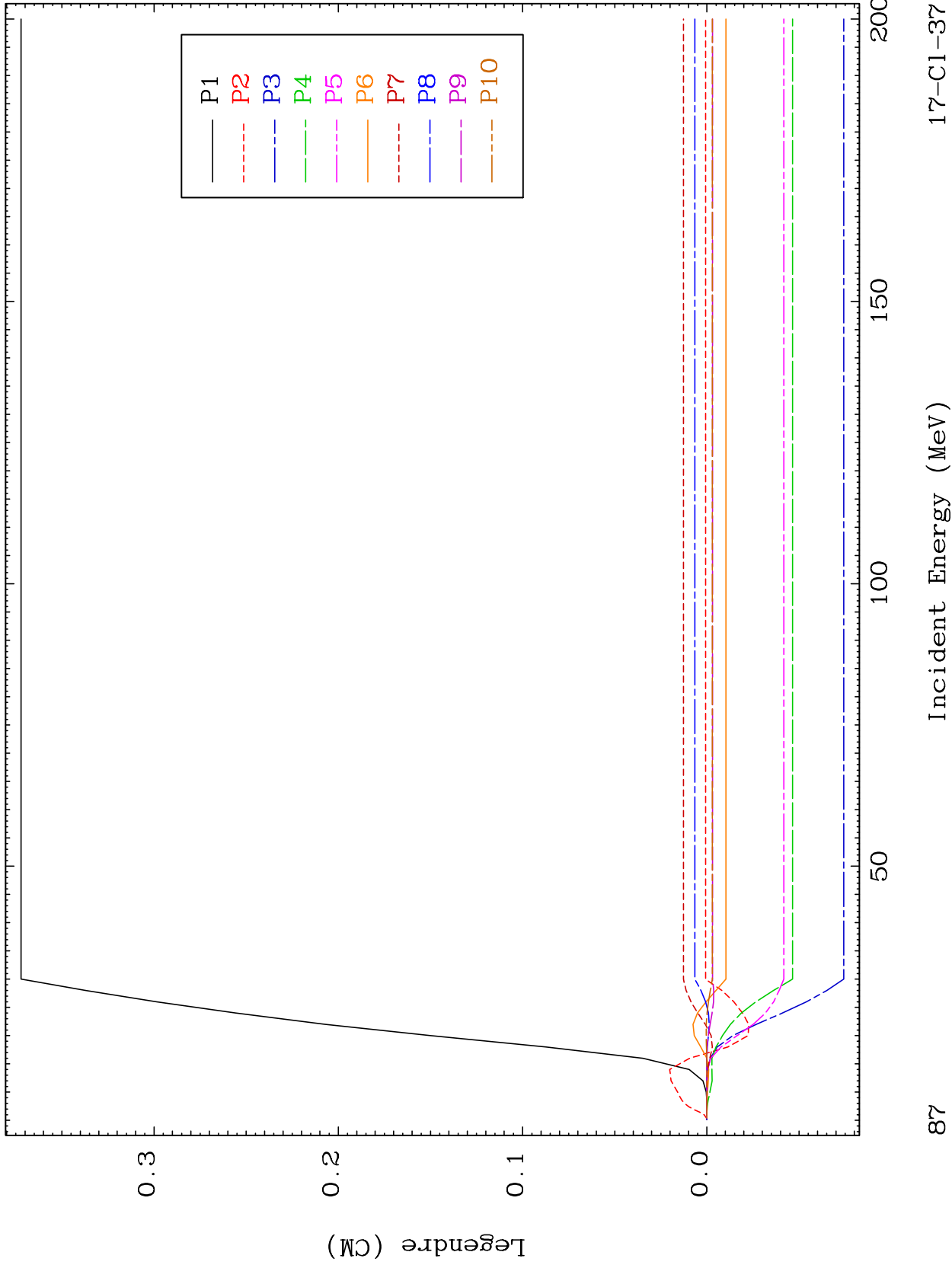
17-Cl-37



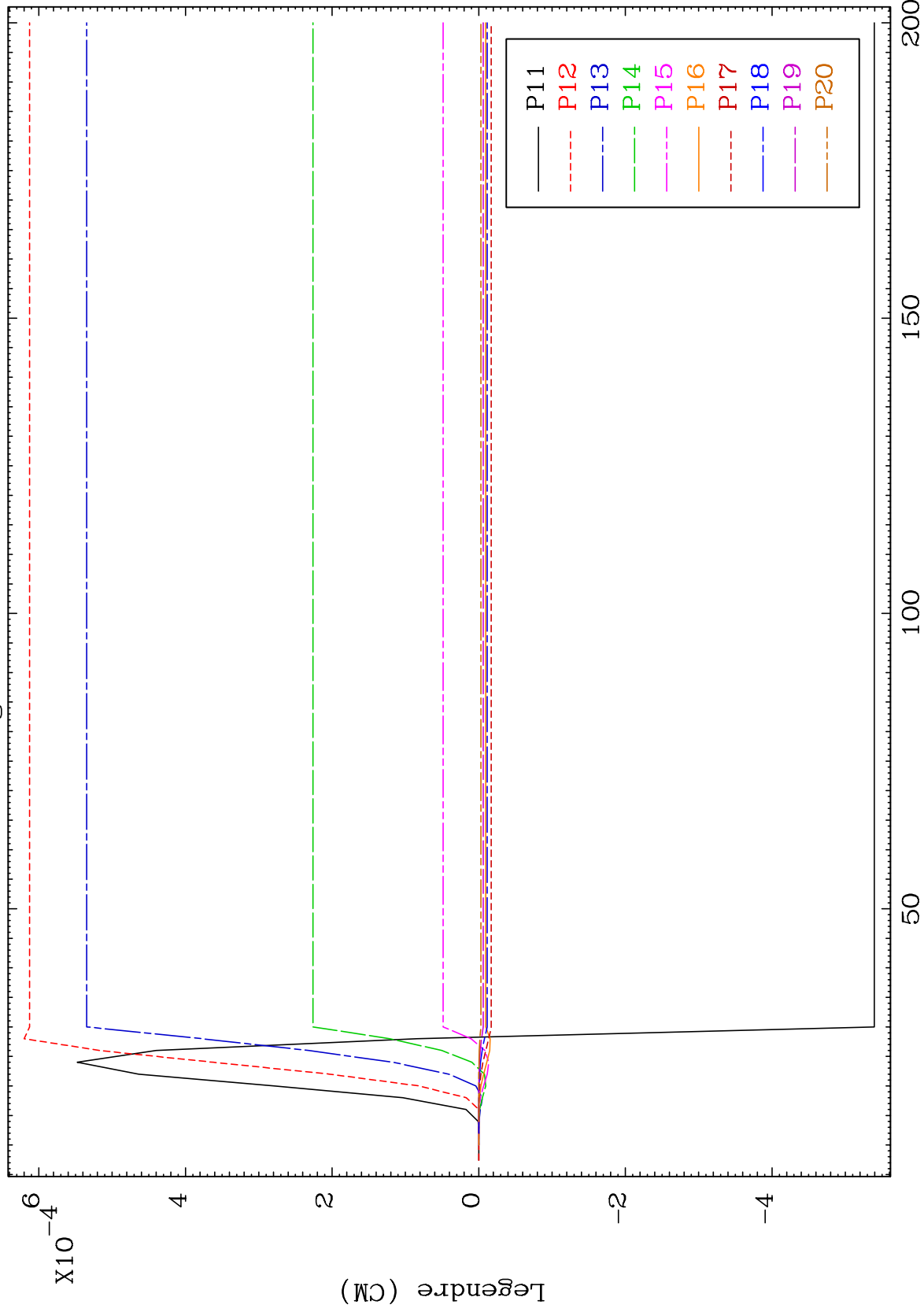


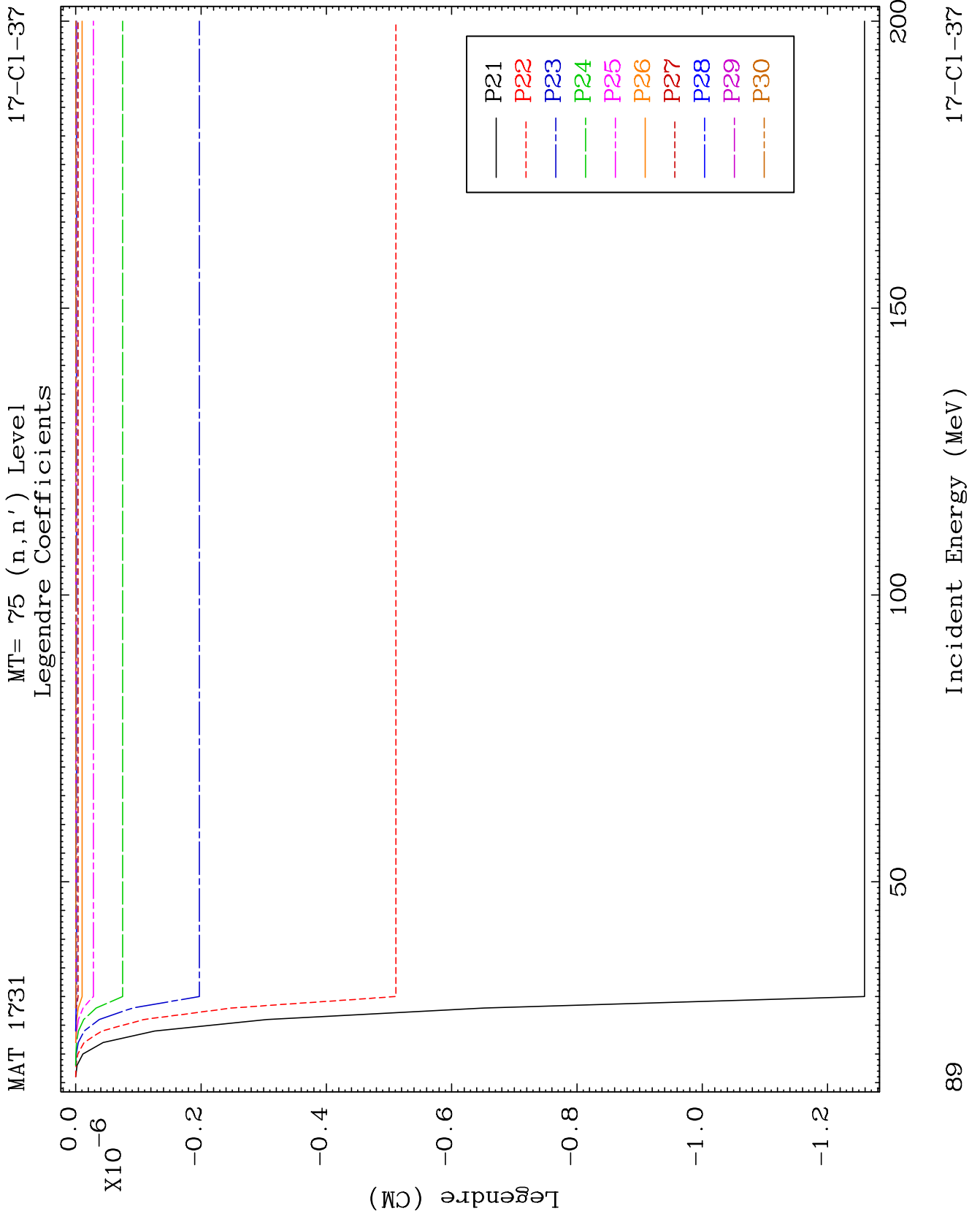




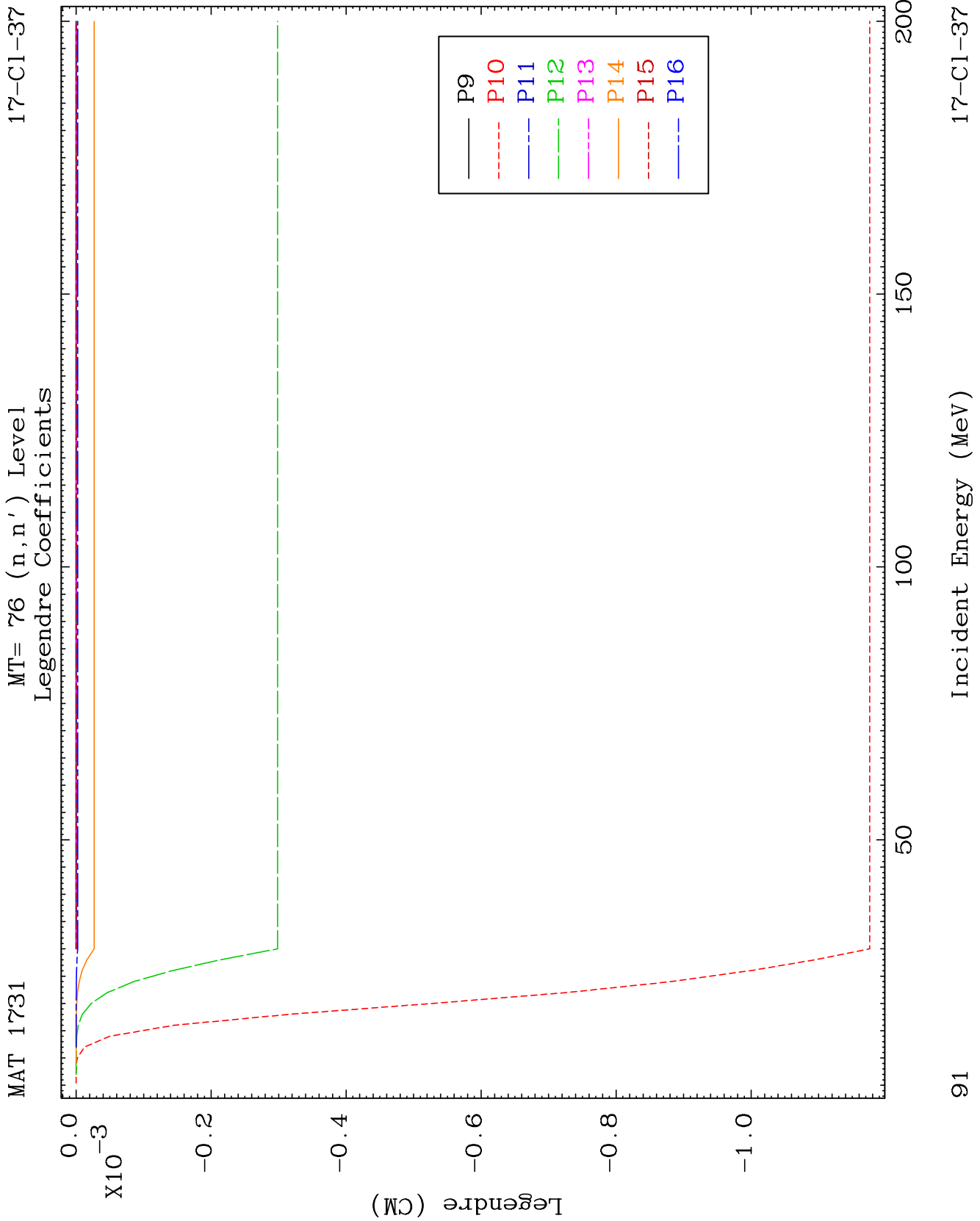


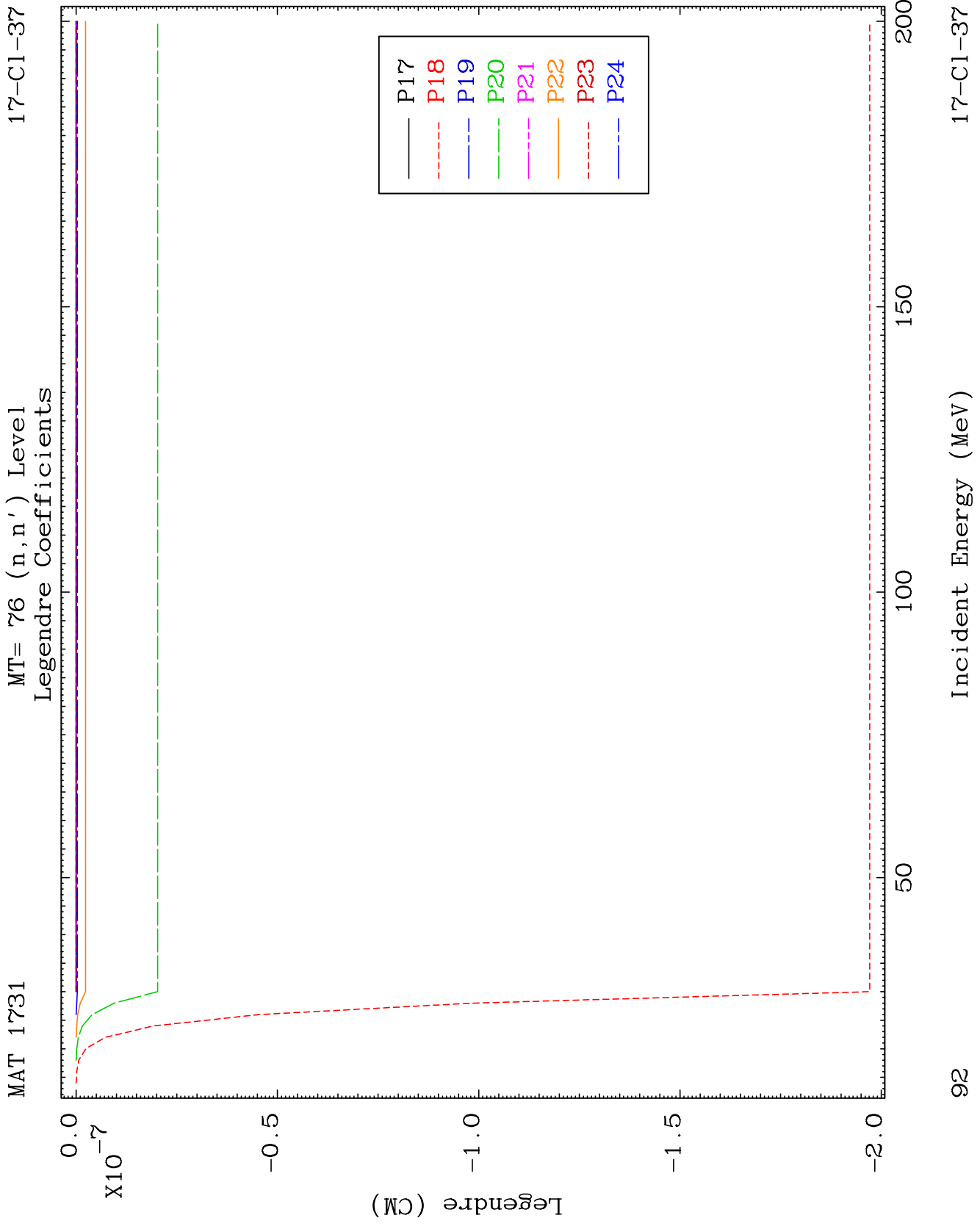


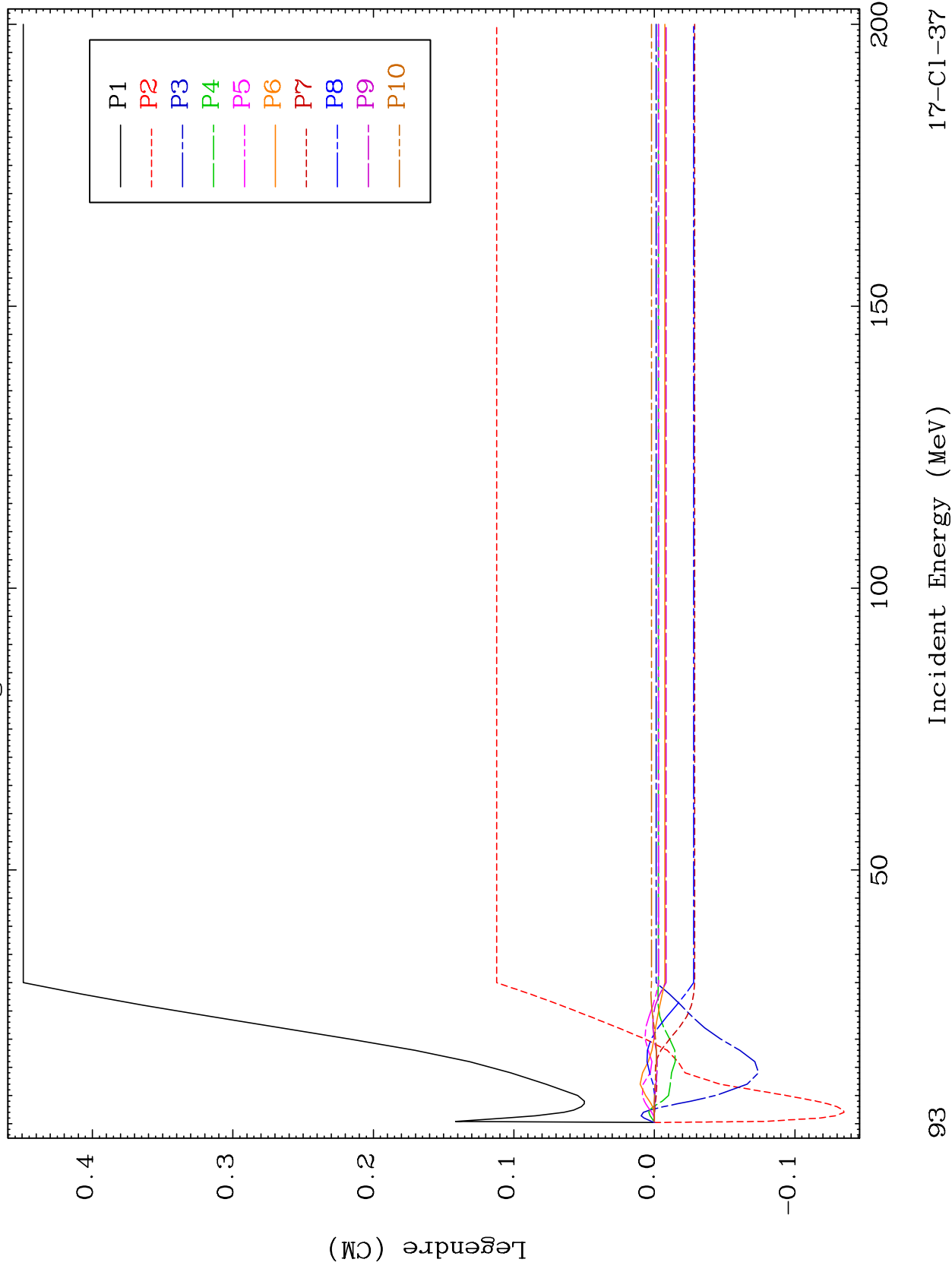








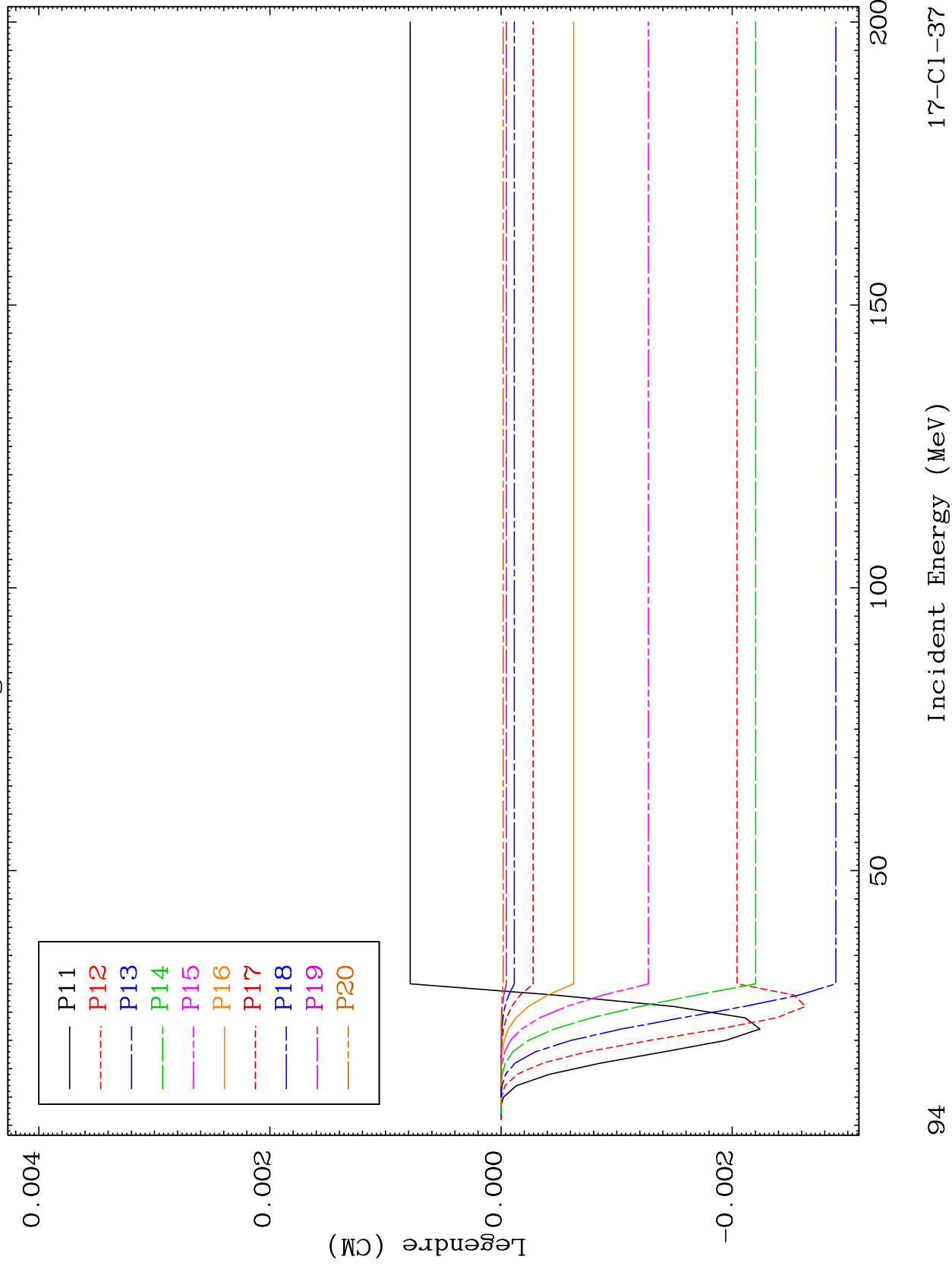


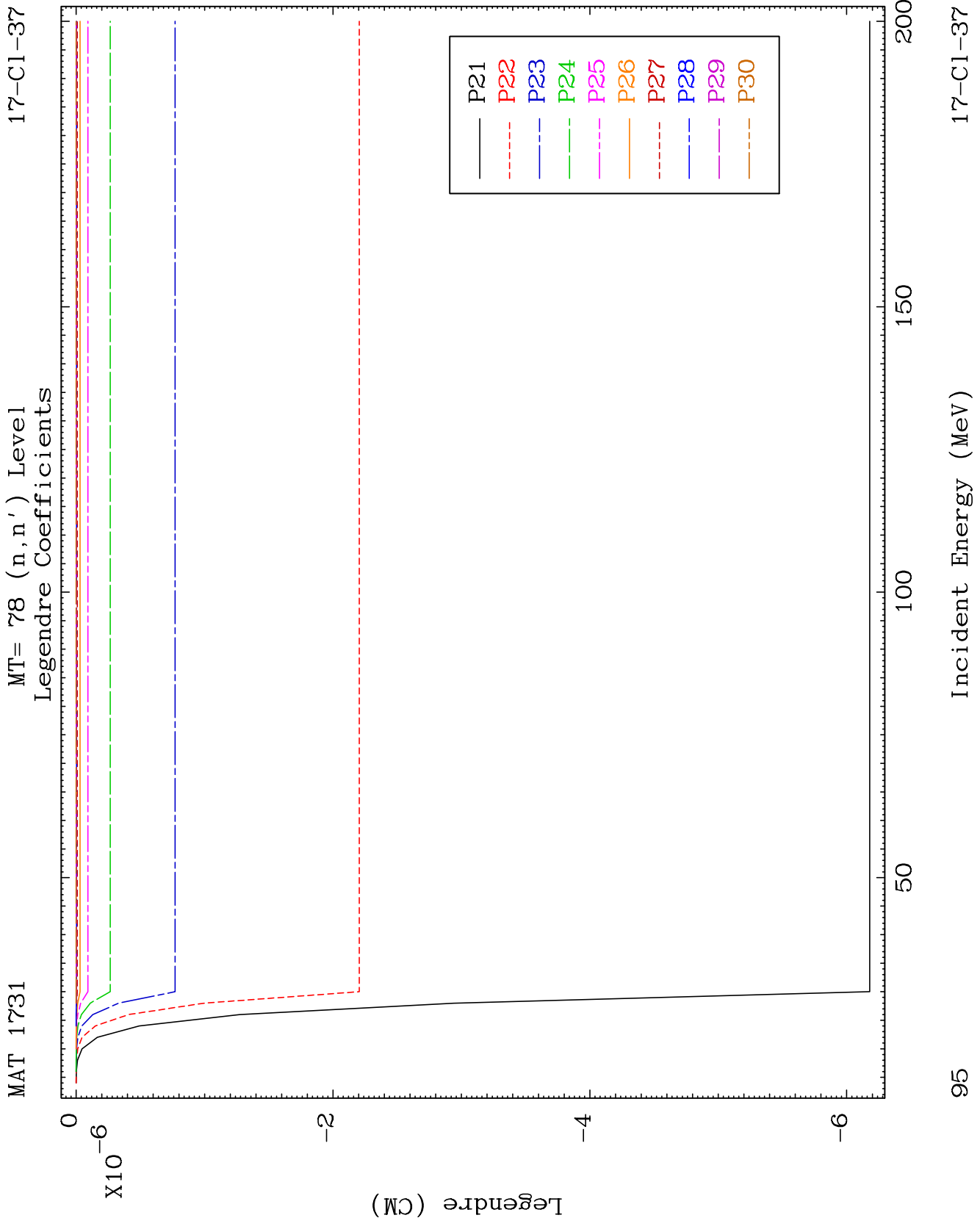


MAT 1731

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

17-Cl-37







$(n, \gamma)$   
Radionuclide Production Cross Section

