

Program EVALPLOT  
(Version 2017-1)

by

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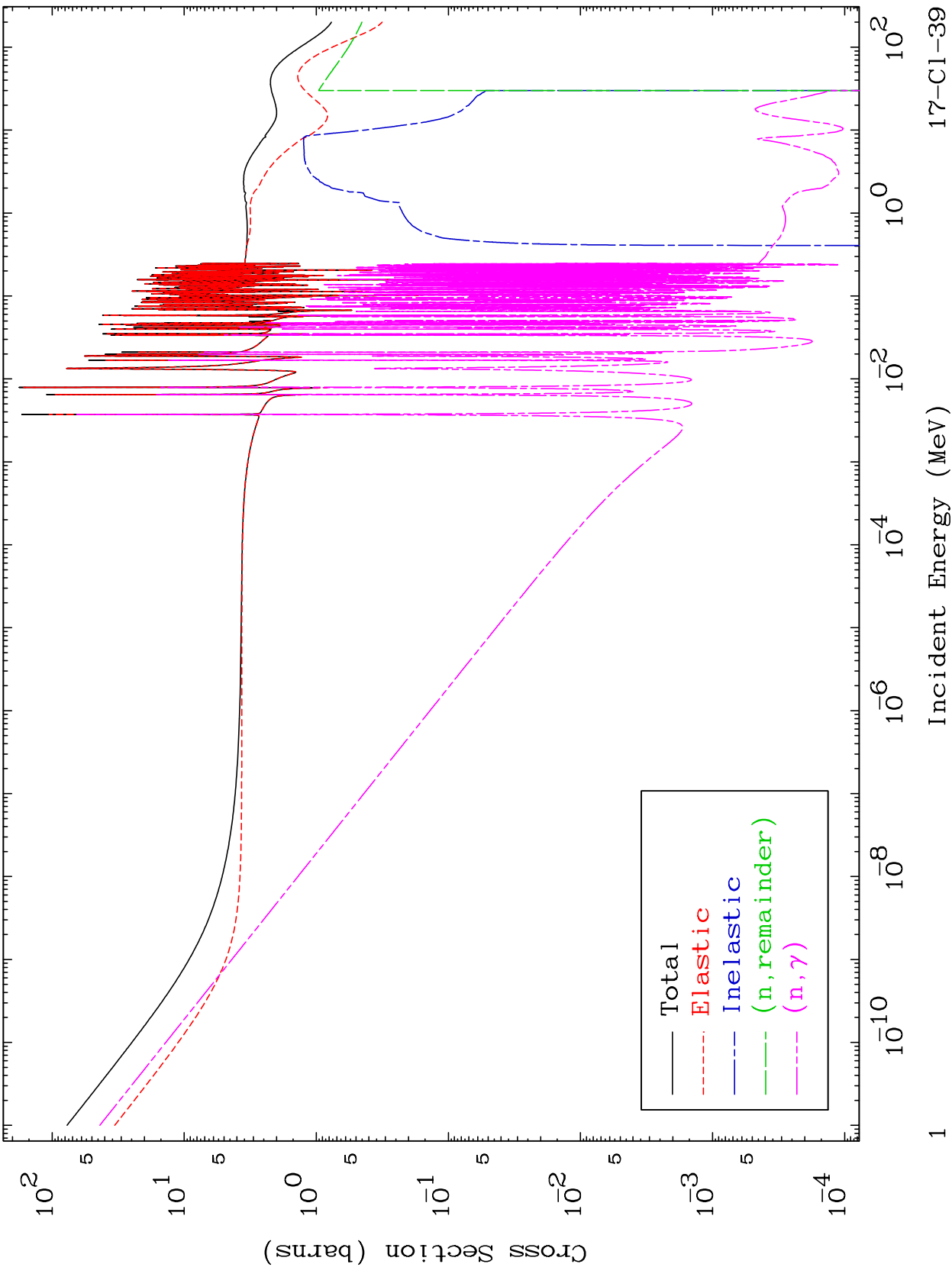
Press Mouse Button to Start

MAT 1737

Major

293 Kelvin Cross Sections

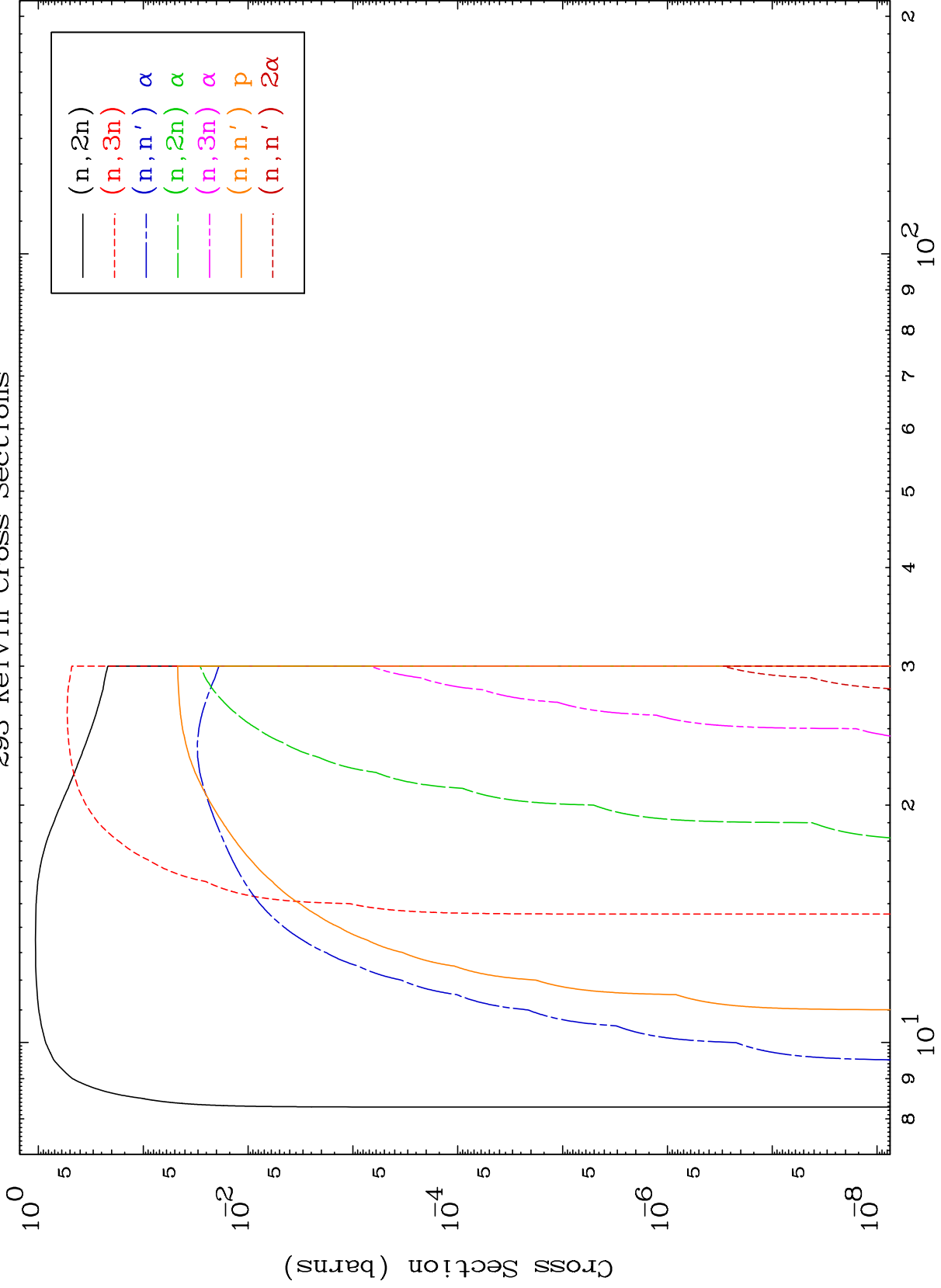
17-Cl-39



MAT 1737

Neutron Production  
293 Kelvin Cross Sections

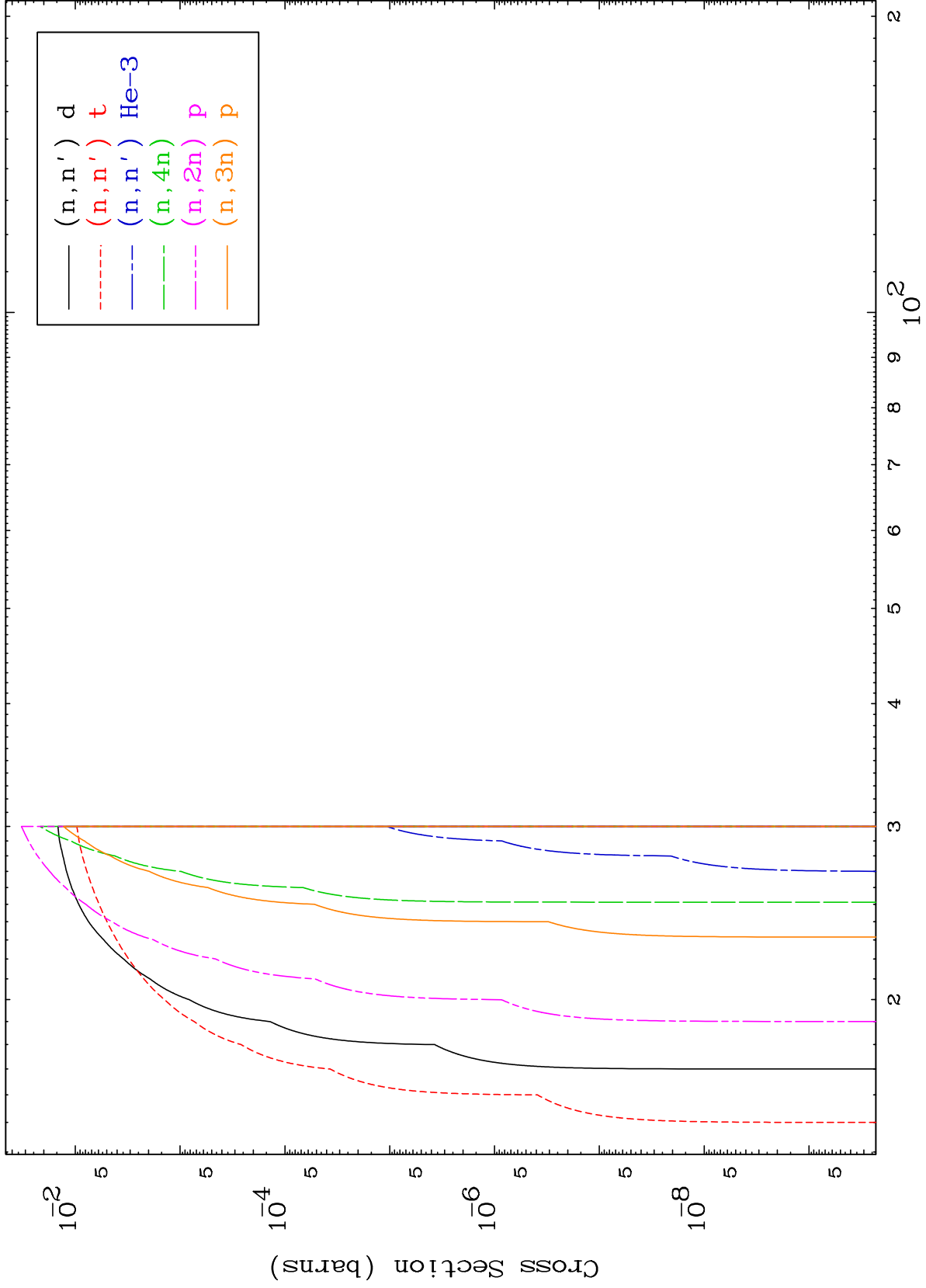
17-Cl-39

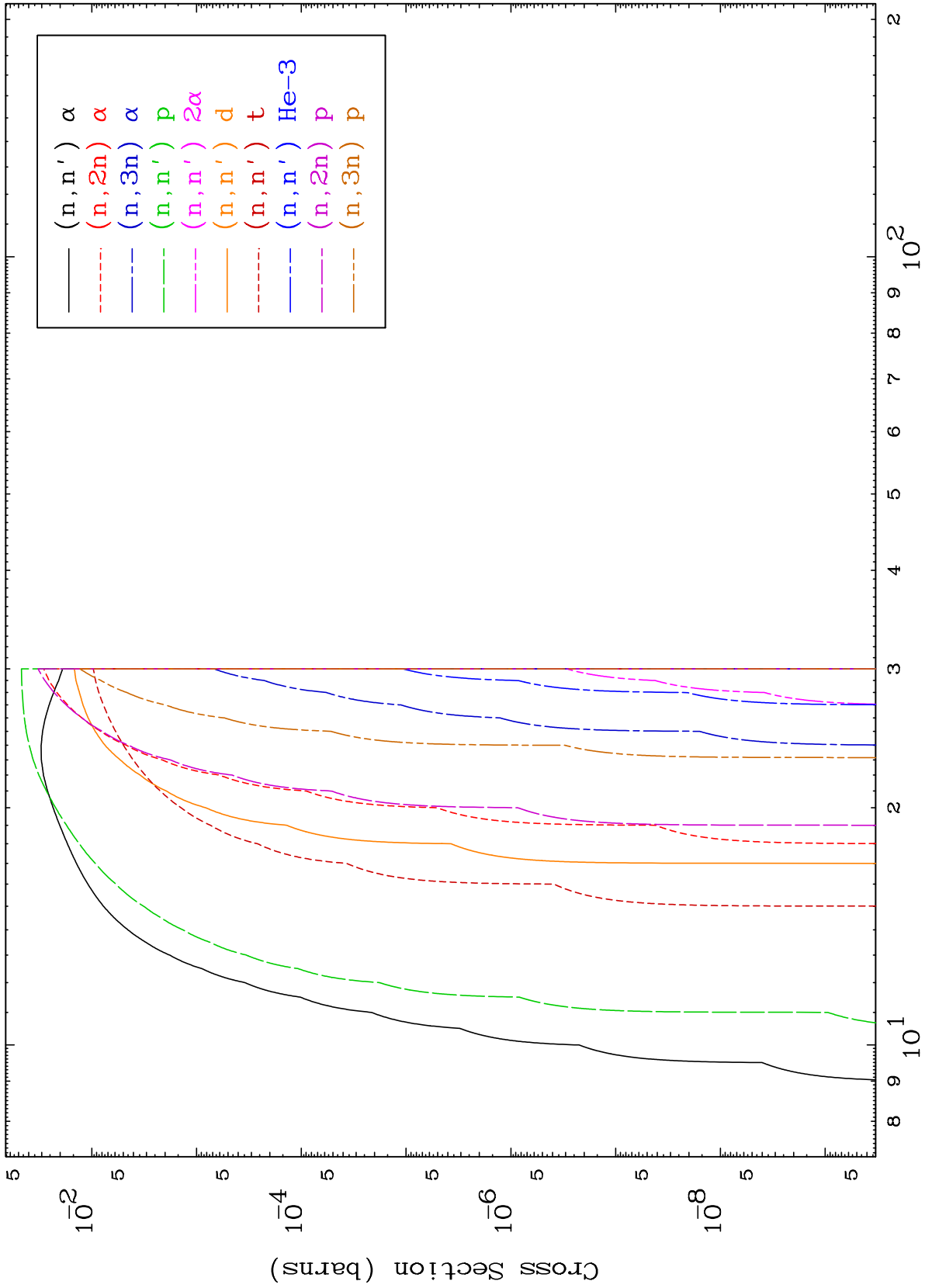


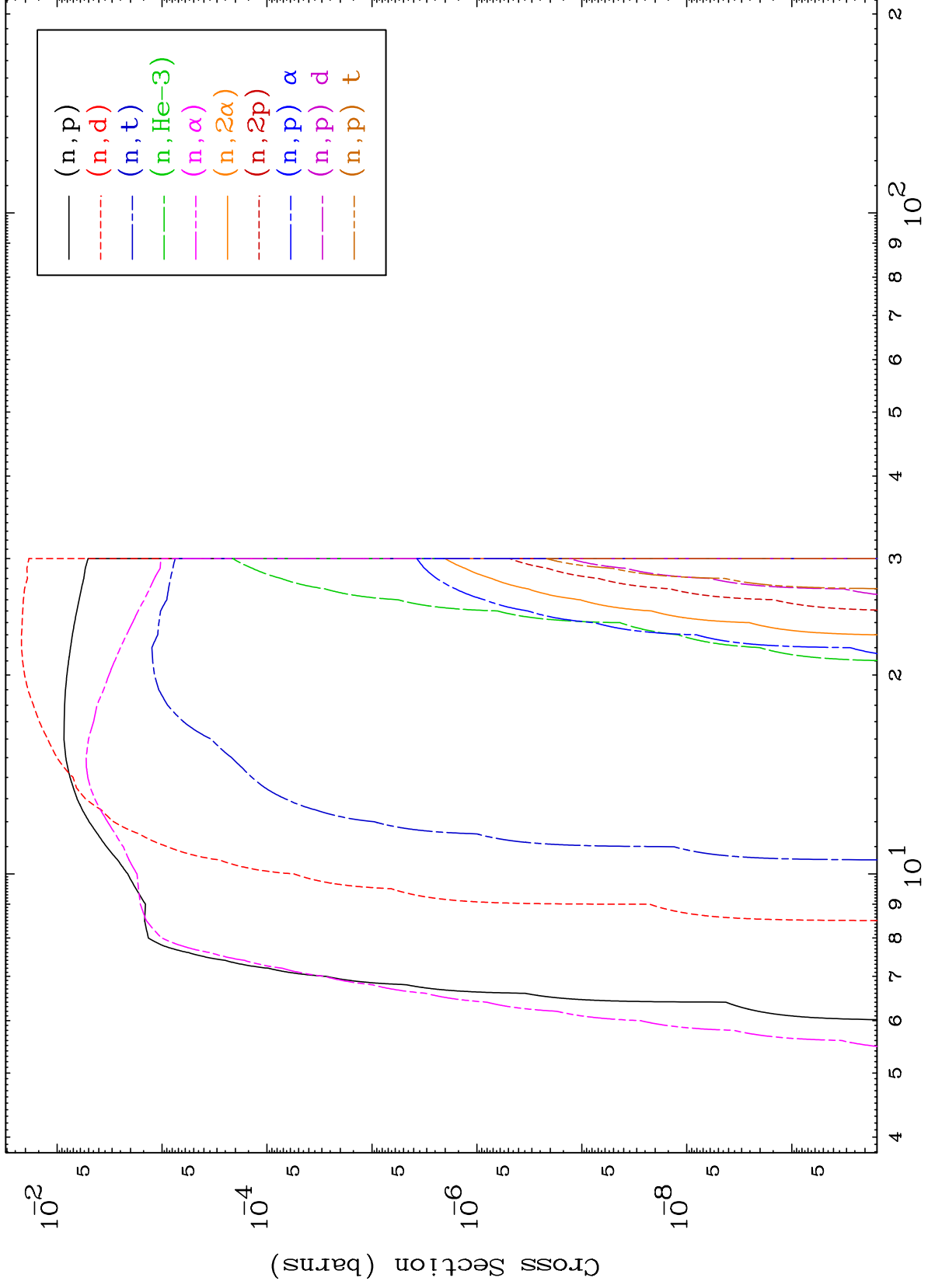
2

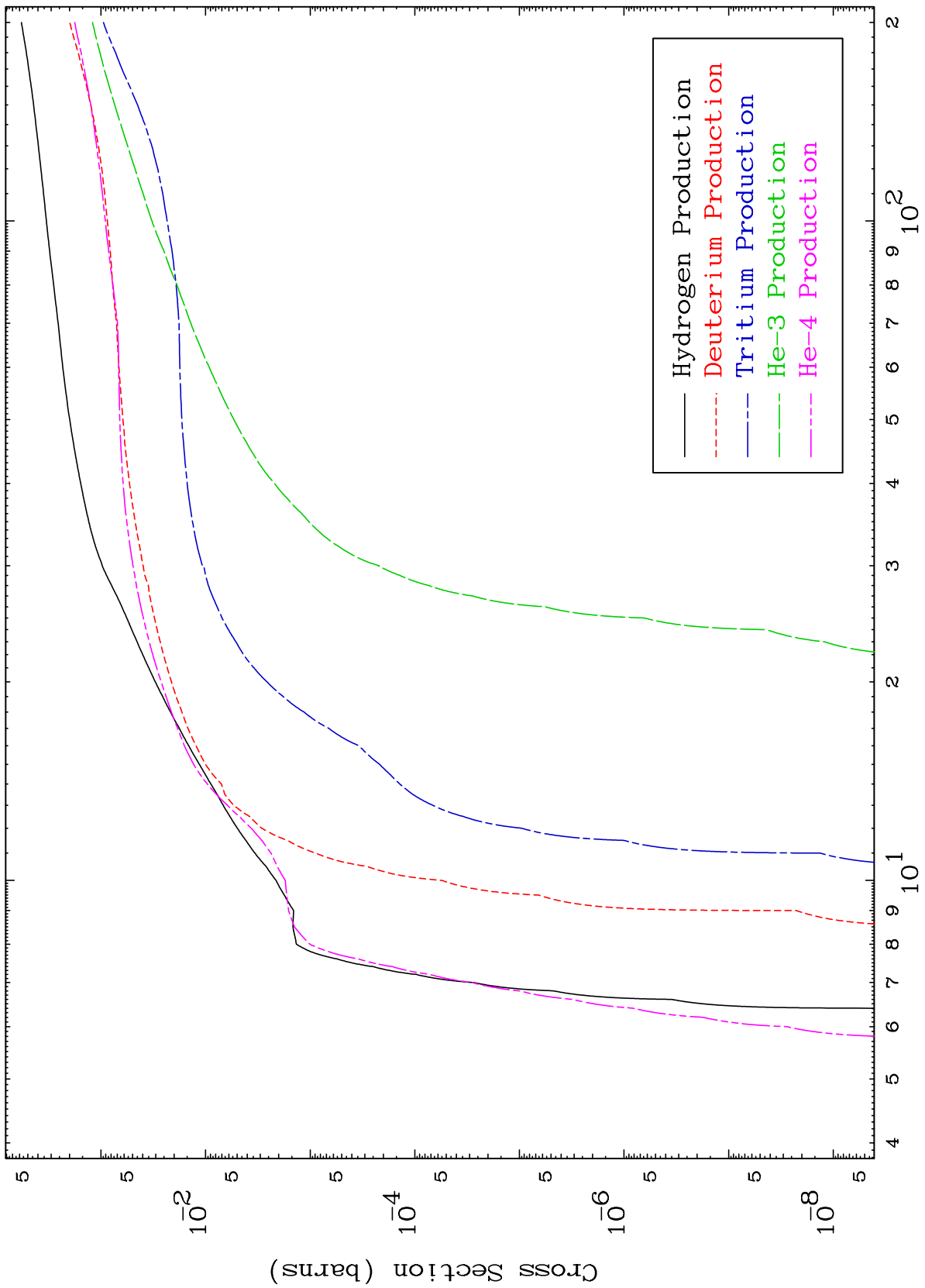
Incident Energy (MeV)

17-Cl-39







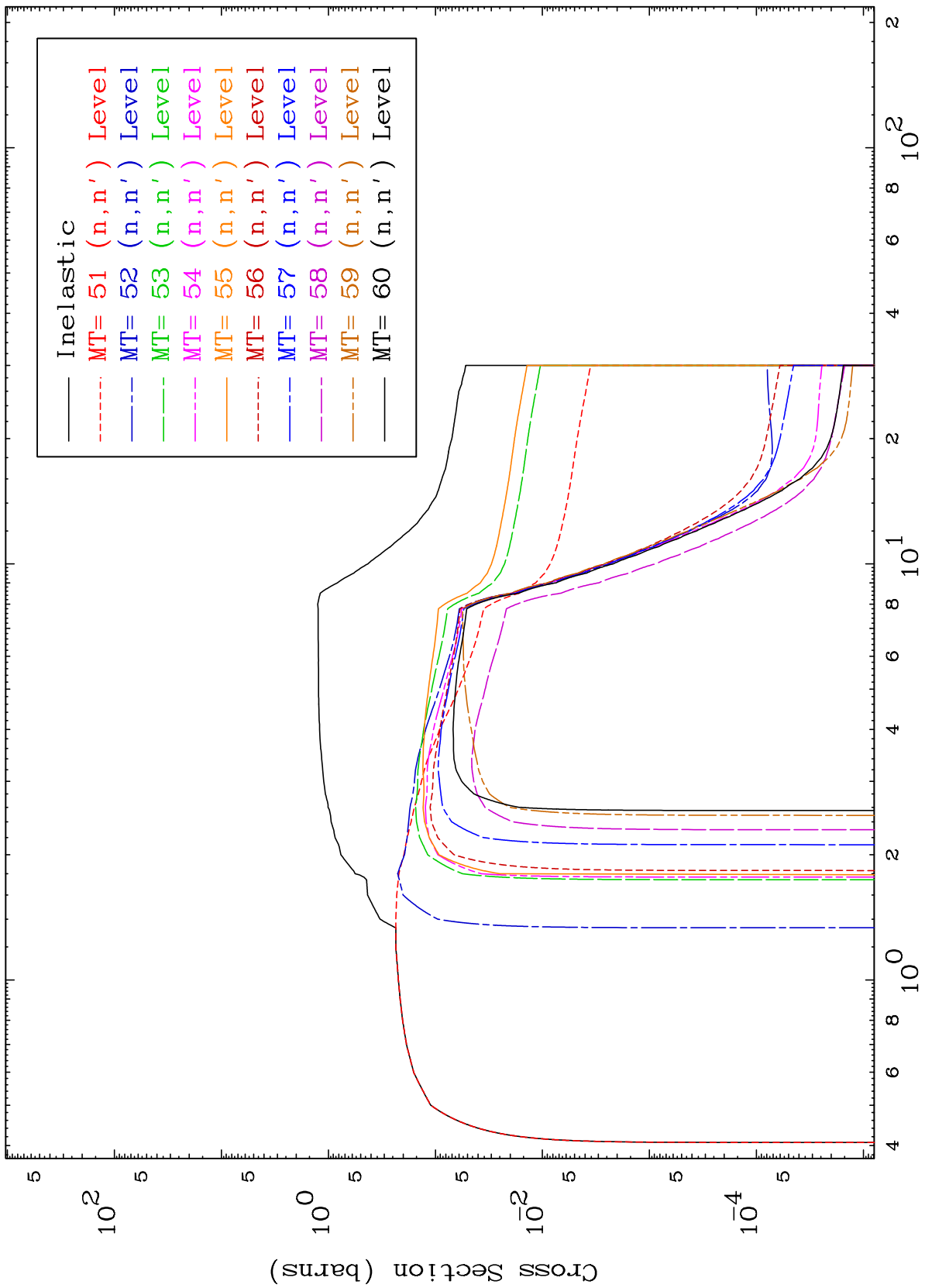


MAT 1737

(n,n') Level

17-Cl-39

293 Kelvin Cross Sections



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Incident Energy (MeV)

17-Cl-39

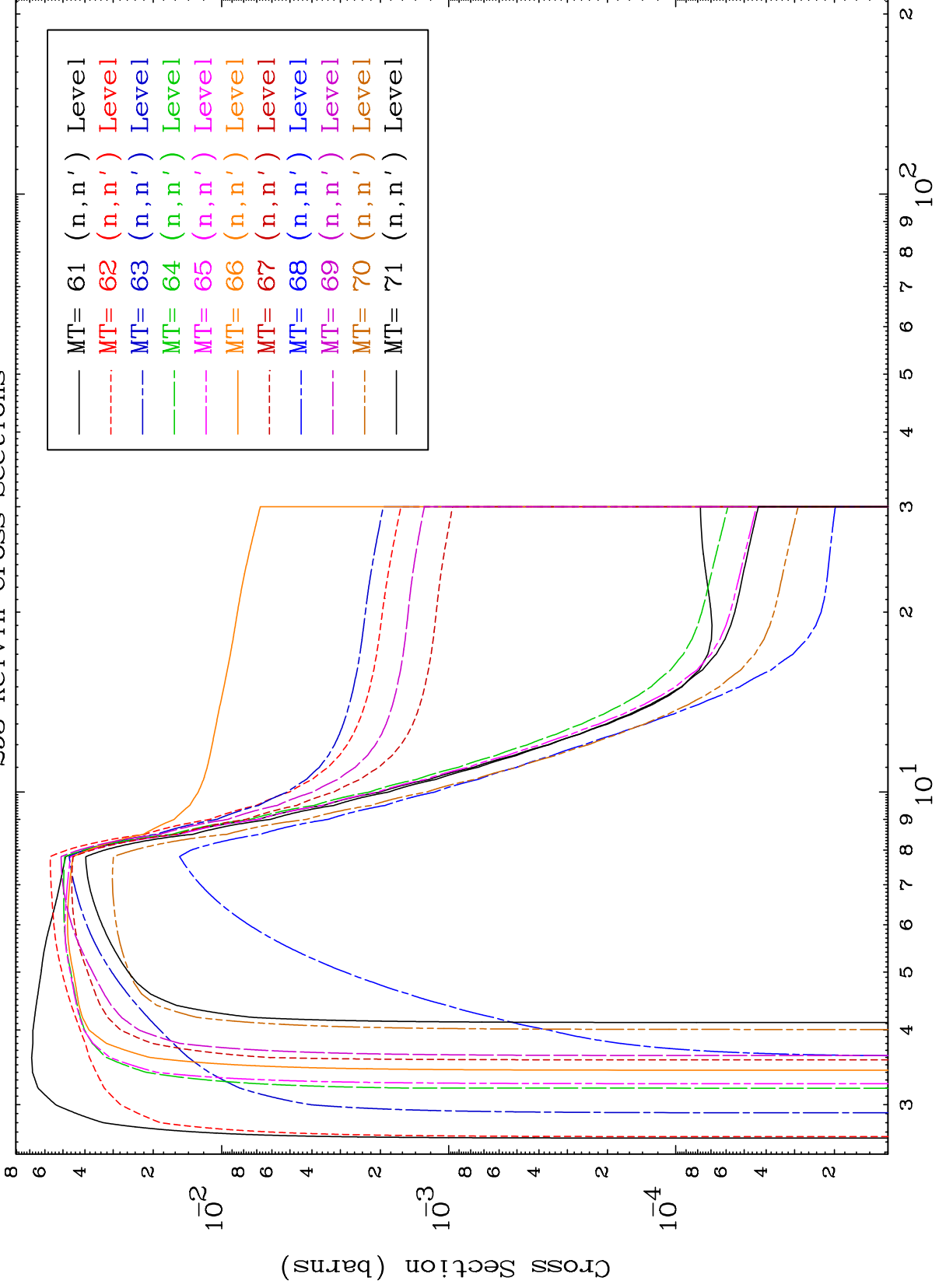


MAT 1737

(n,n') Level

17-Cl-39

293 Kelvin Cross Sections

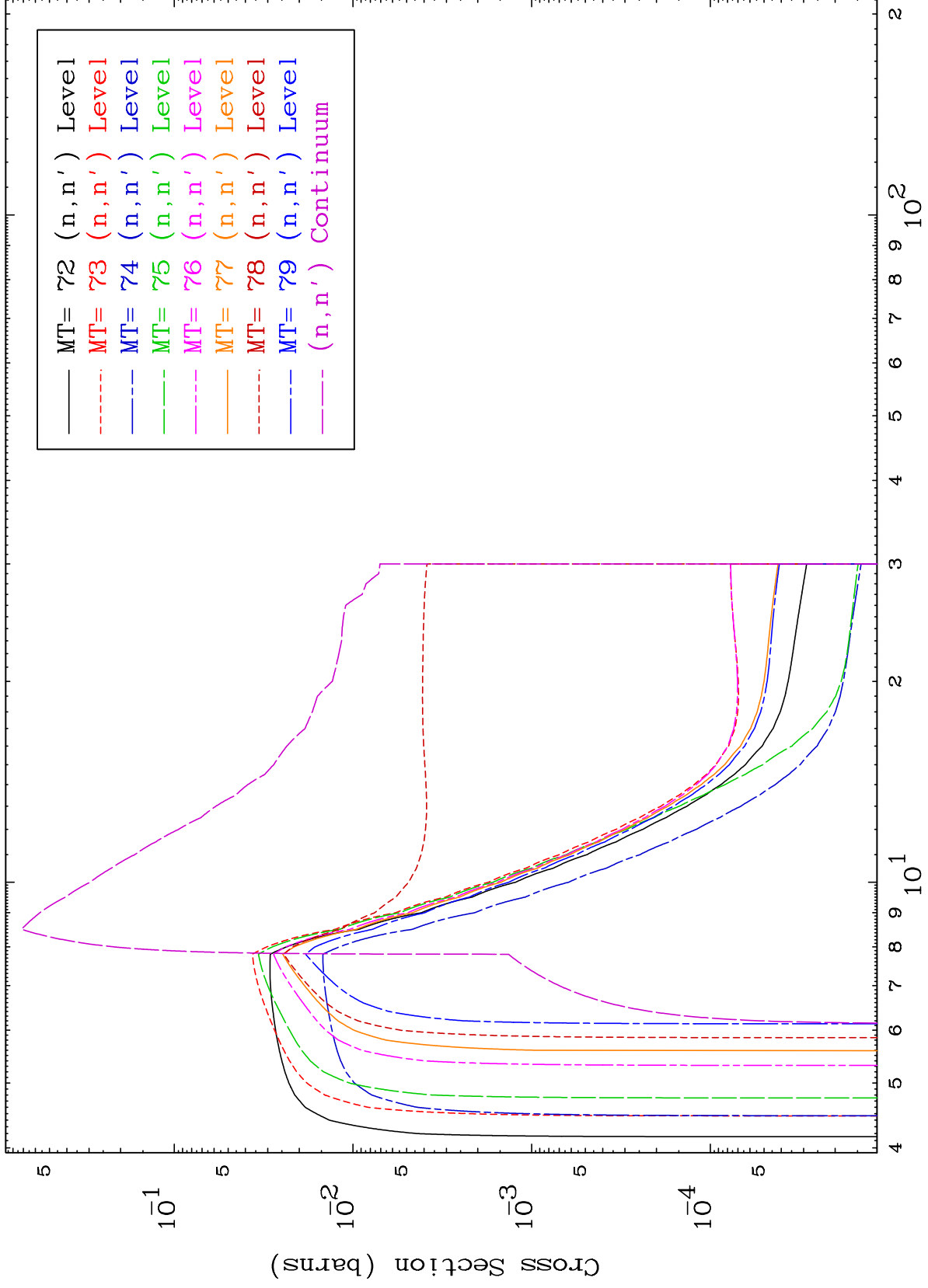


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Incident Energy (MeV)

17-Cl-39

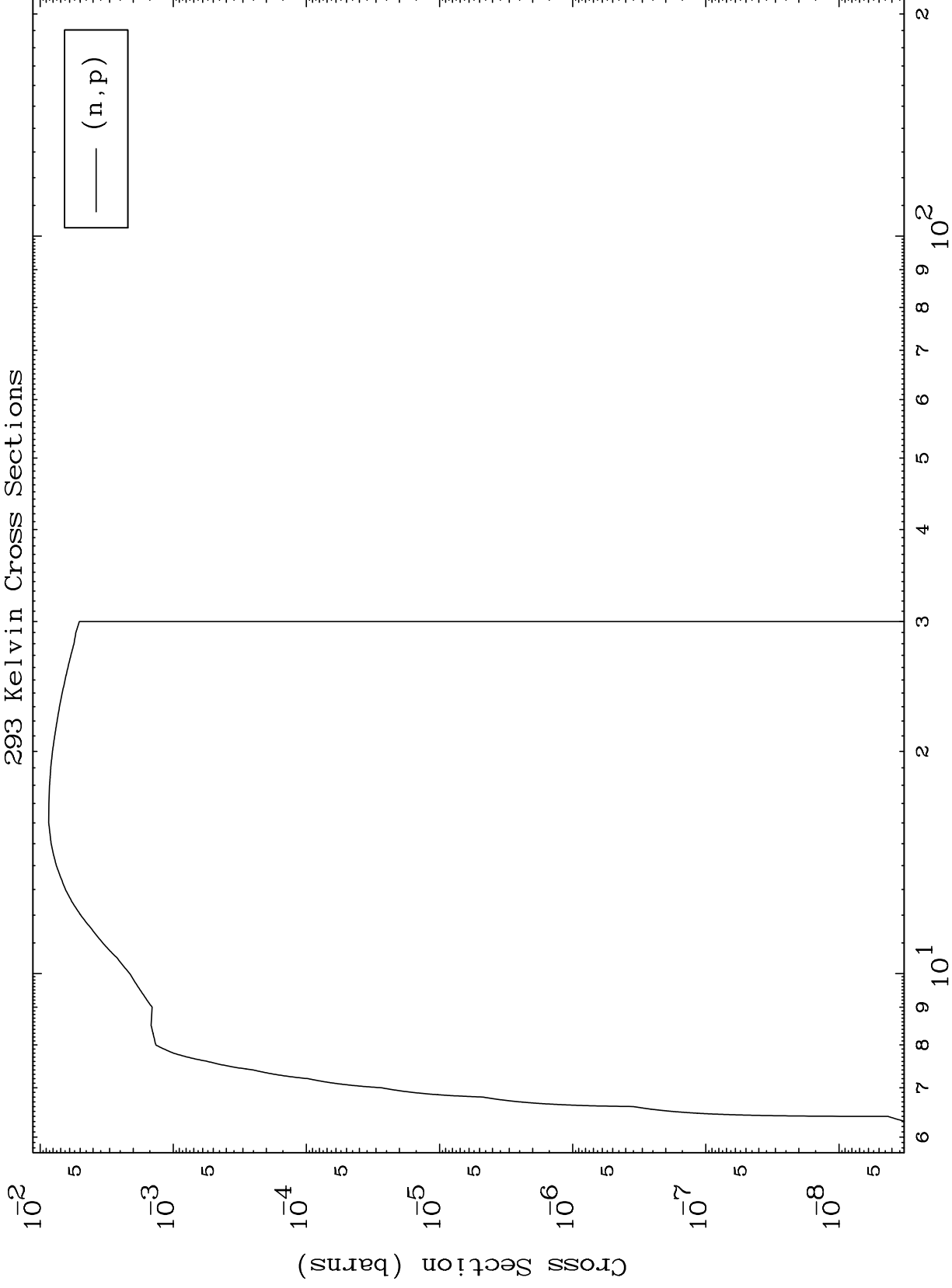
293 Kelvin Cross Sections



MAT 1737

(n,p) Levels  
293 Kelvin Cross Sections

17-Cl-39



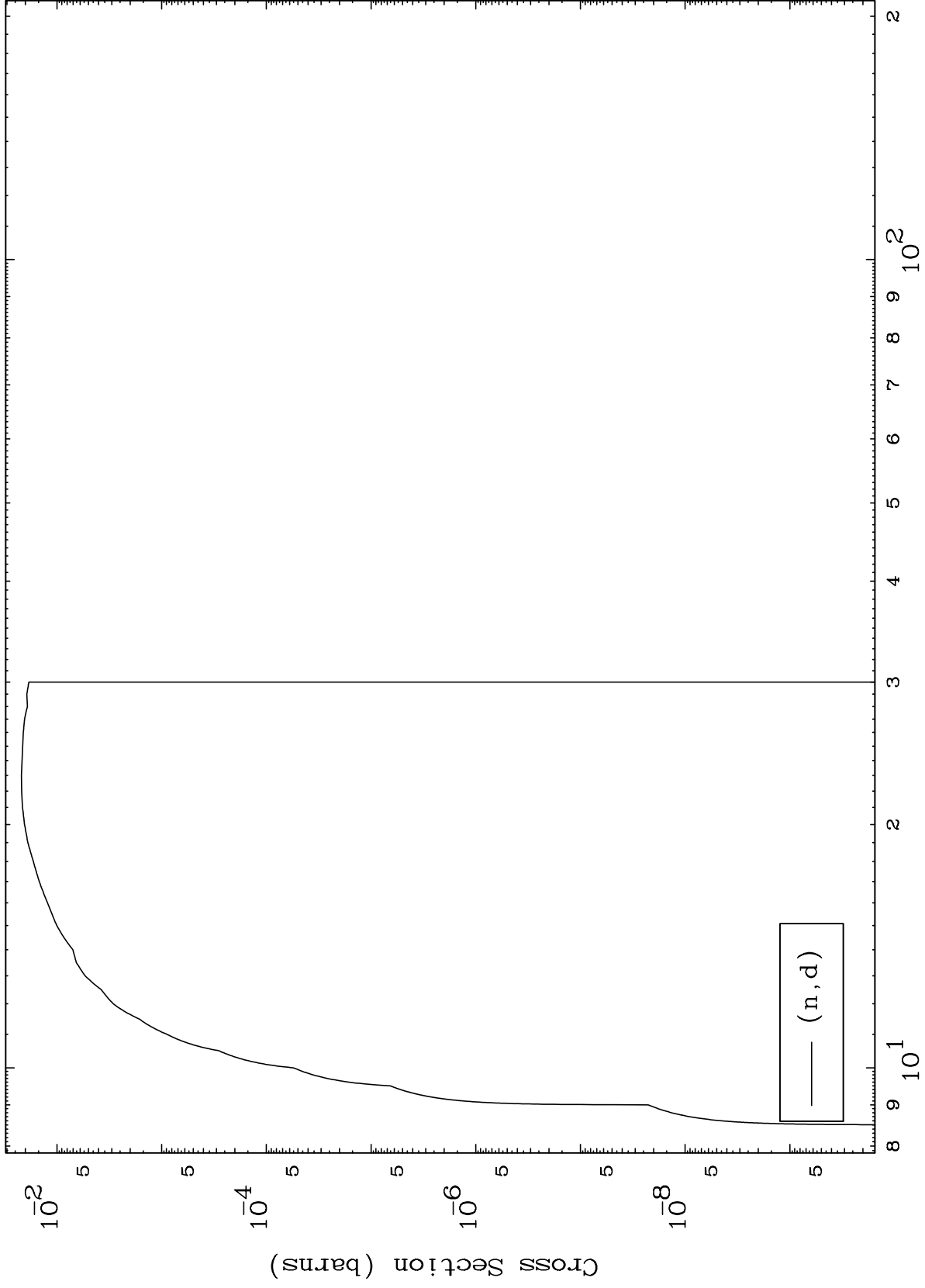
Incident Energy (MeV)

17-Cl-39

MAT 1737

(n,d) Levels  
293 Kelvin Cross Sections

17-Cl-39



11

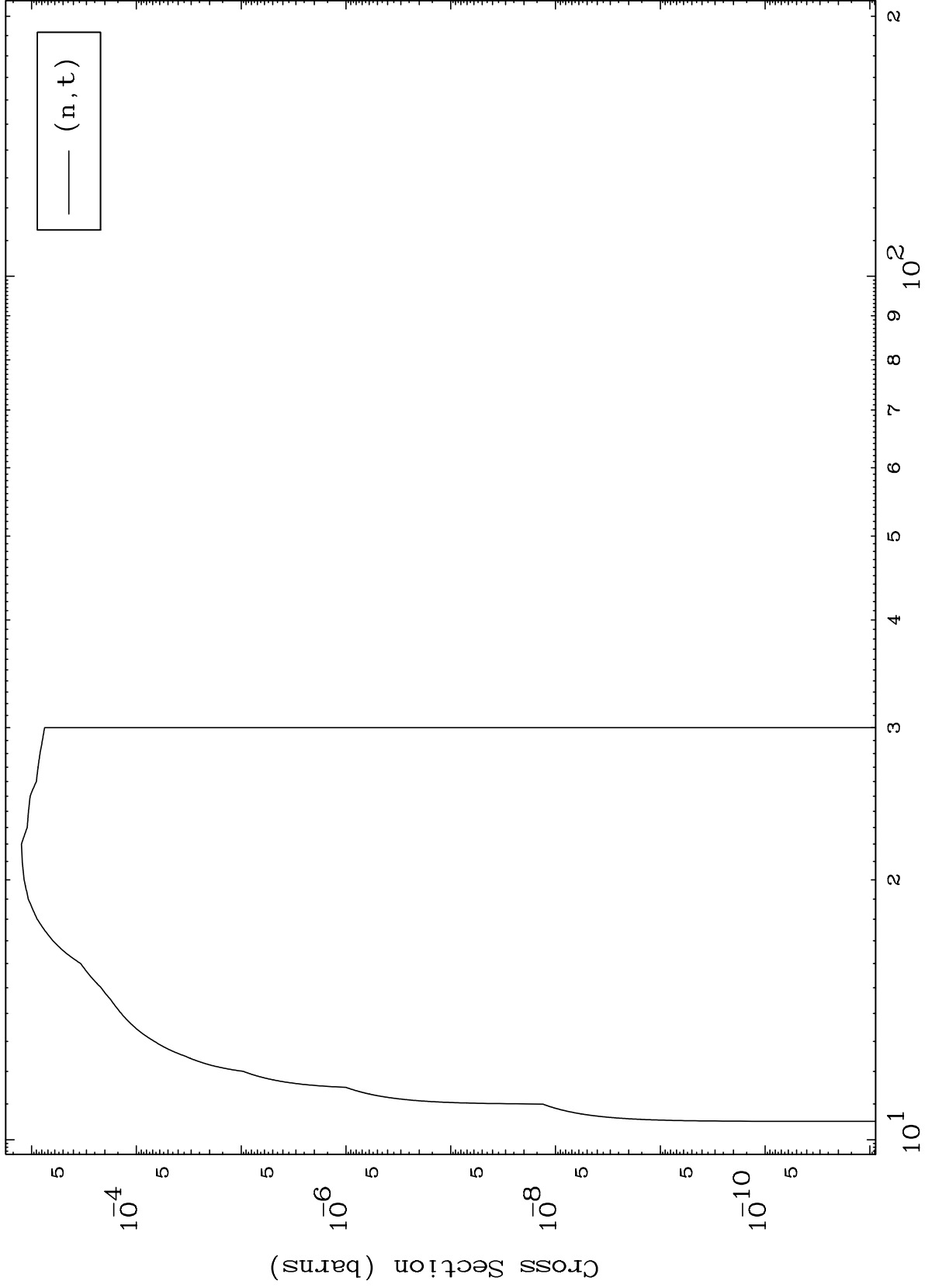
Incident Energy (MeV)

17-Cl-39

MAT 1737

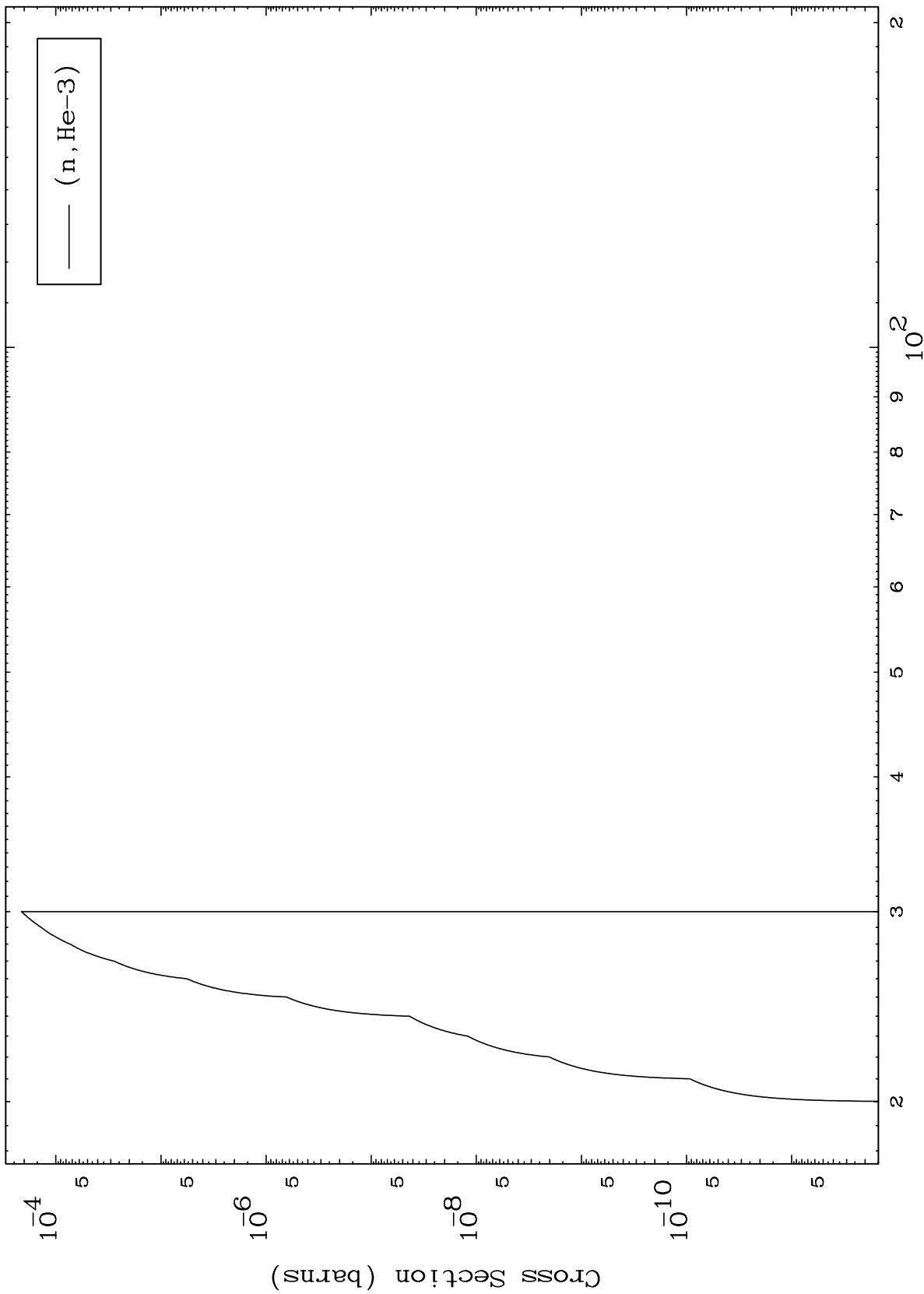
(n,t) Levels  
293 Kelvin Cross Sections

17-Cl-39



Incident Energy (MeV)

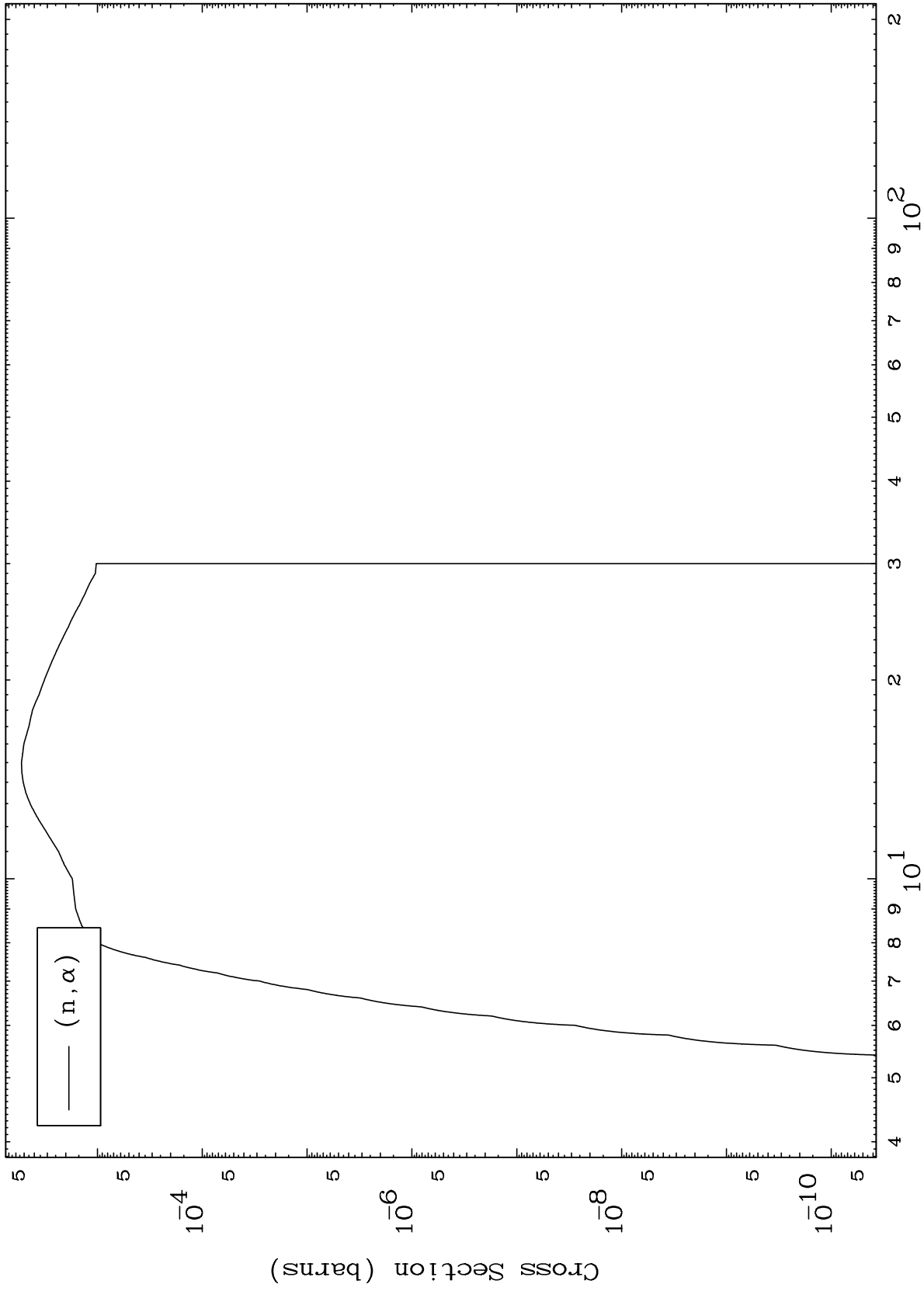
17-Cl-39



MAT 1737

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

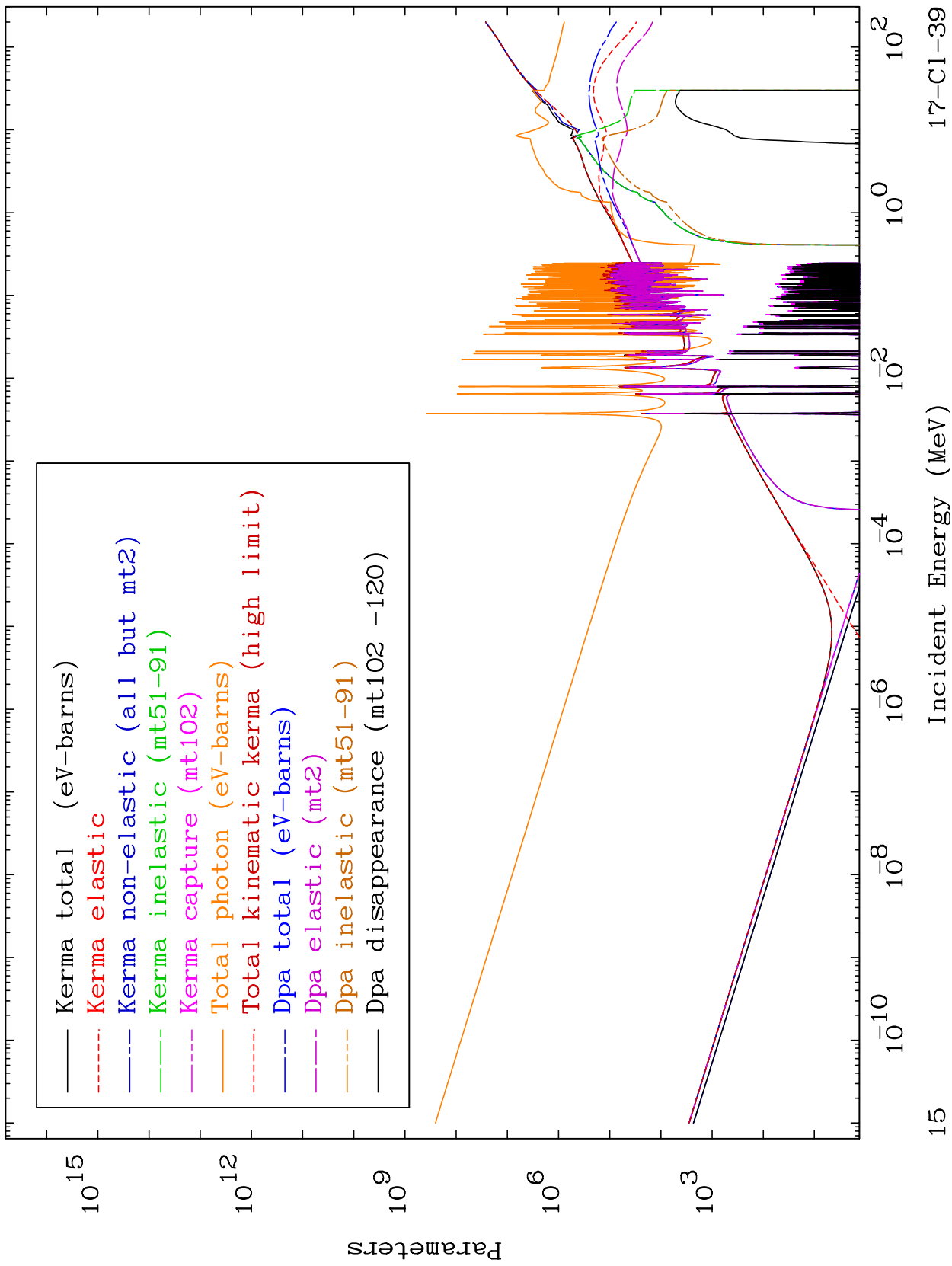
17-Cl-39



14

Incident Energy (MeV)

17-Cl-39

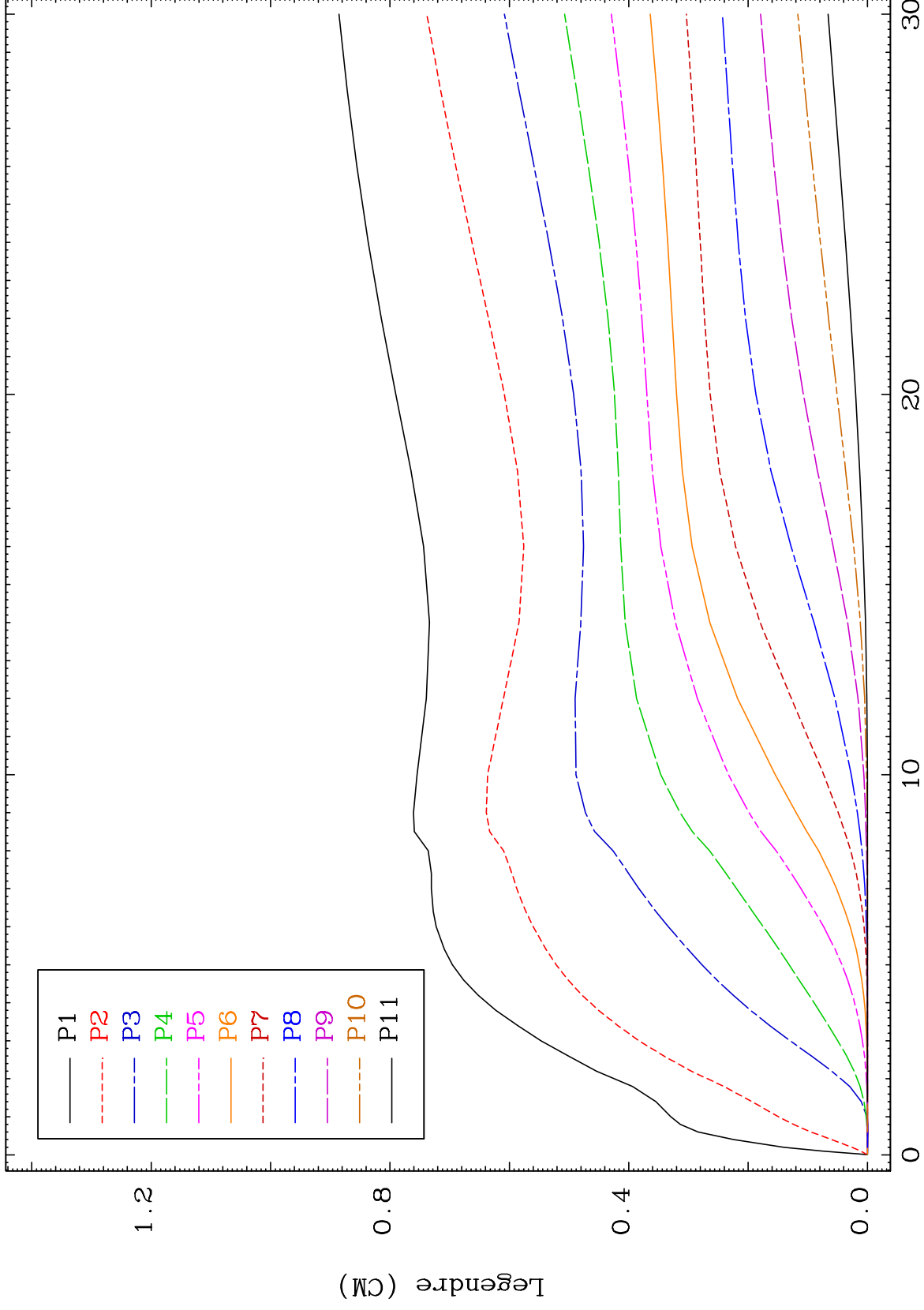




MAT 1737

Elastic Legendre Coefficients

17-Cl-39



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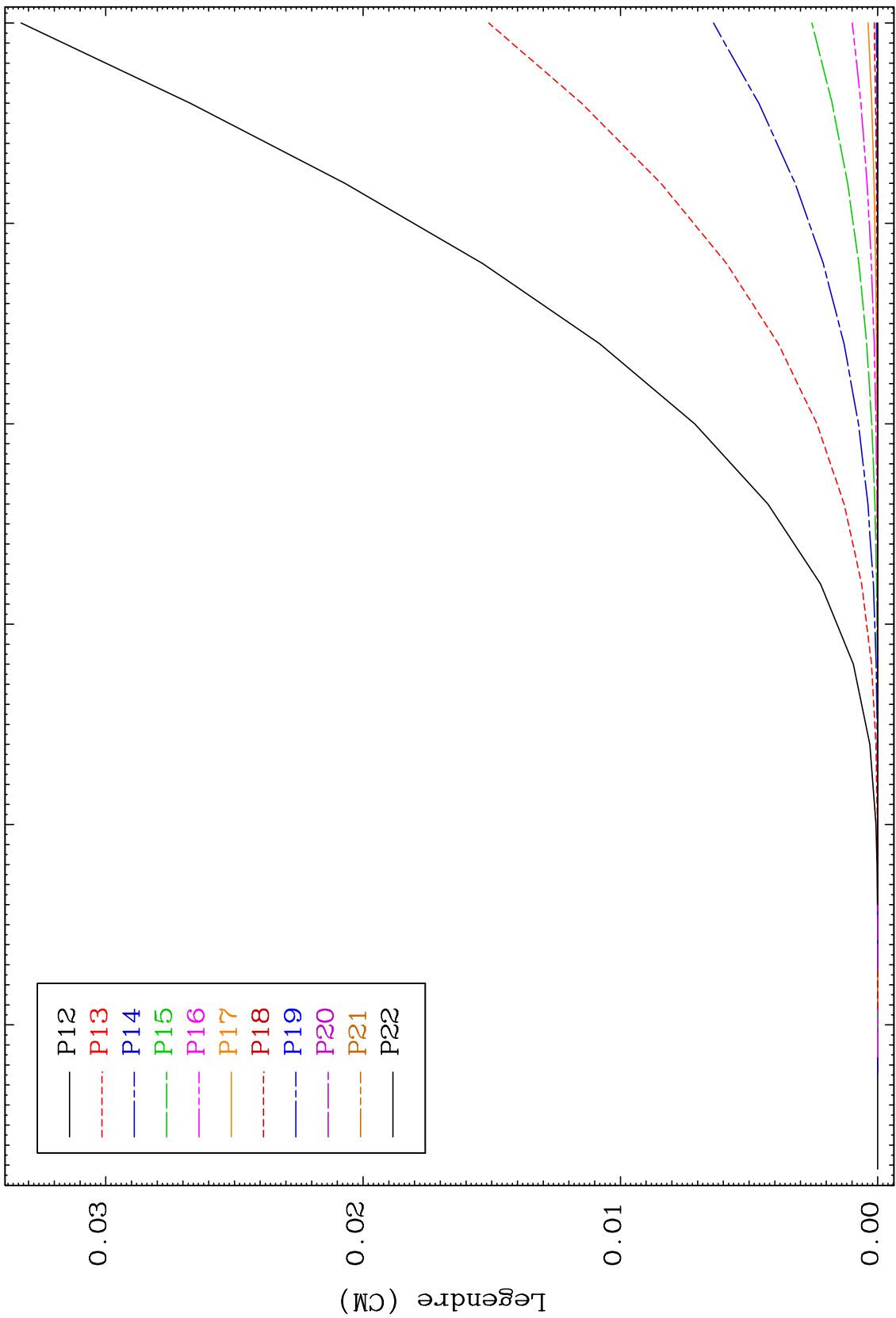
Incident Energy (MeV)

17-Cl-39

MAT 1737

Elastic Legendre Coefficients

17-Cl-39



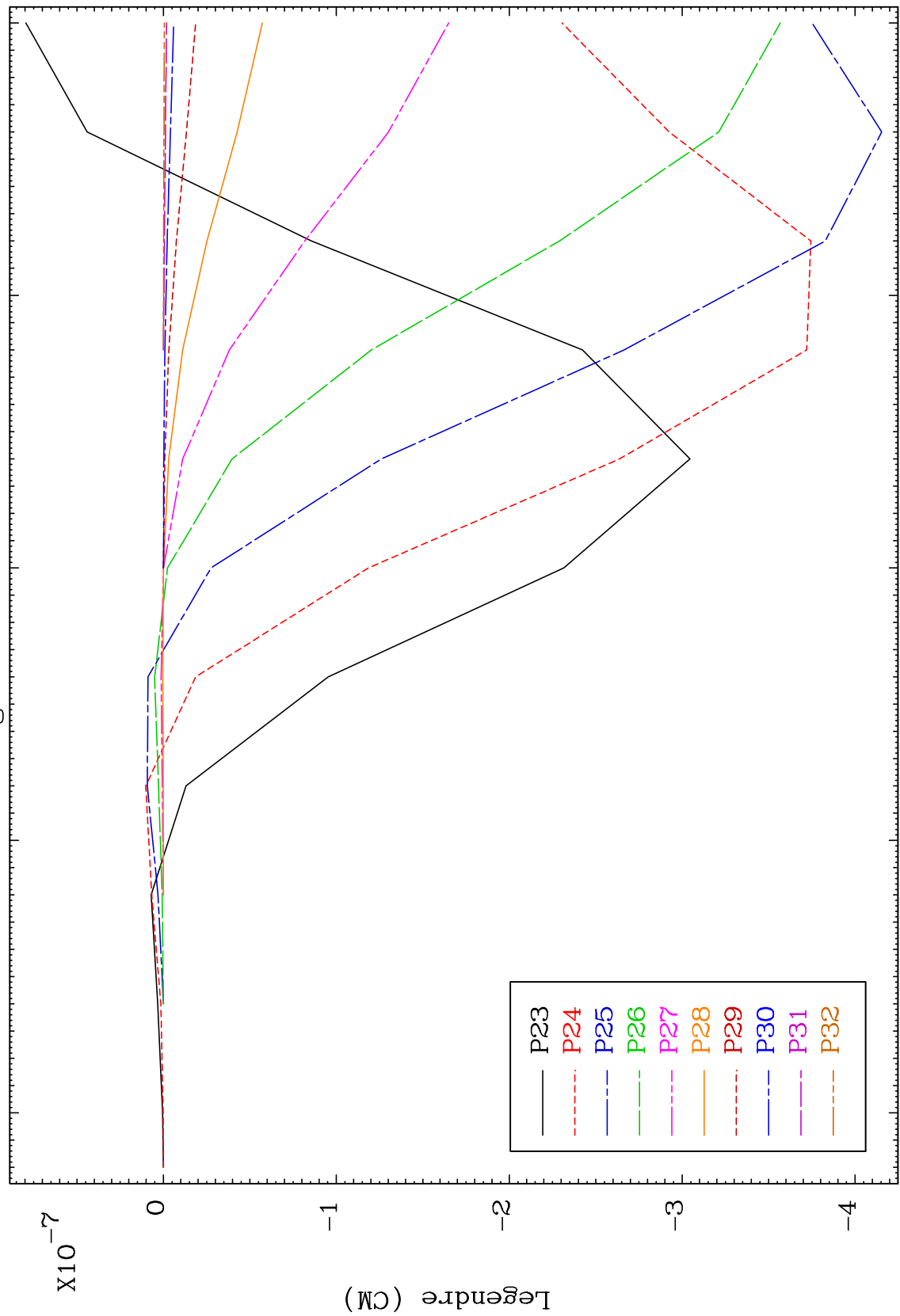
17

17-Cl-39

MAT 1737

Elastic Legendre Coefficients

17-Cl-39



18

Incident Energy (MeV)

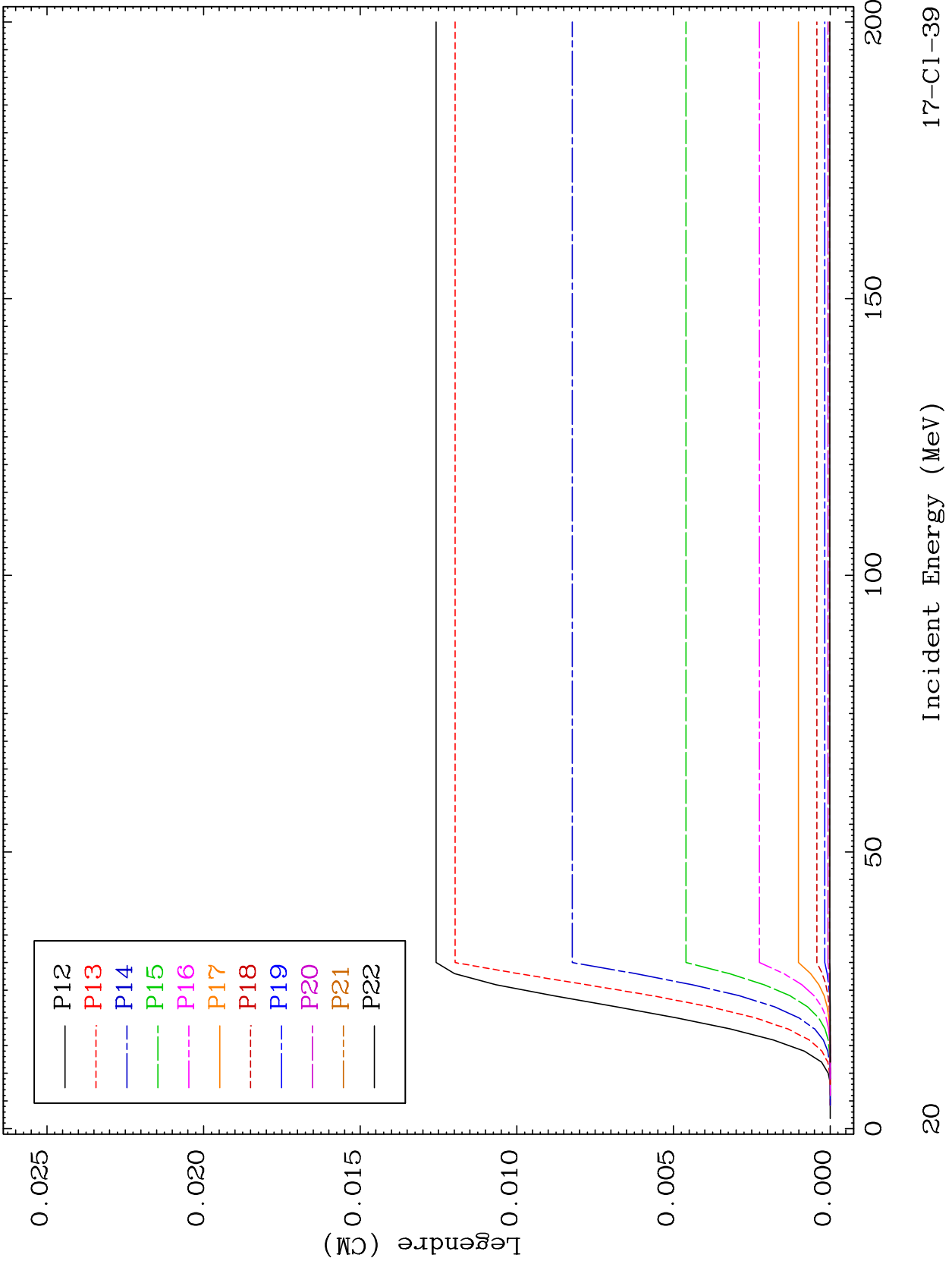
17-Cl-39



MAT 1737

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

17-Cl-39



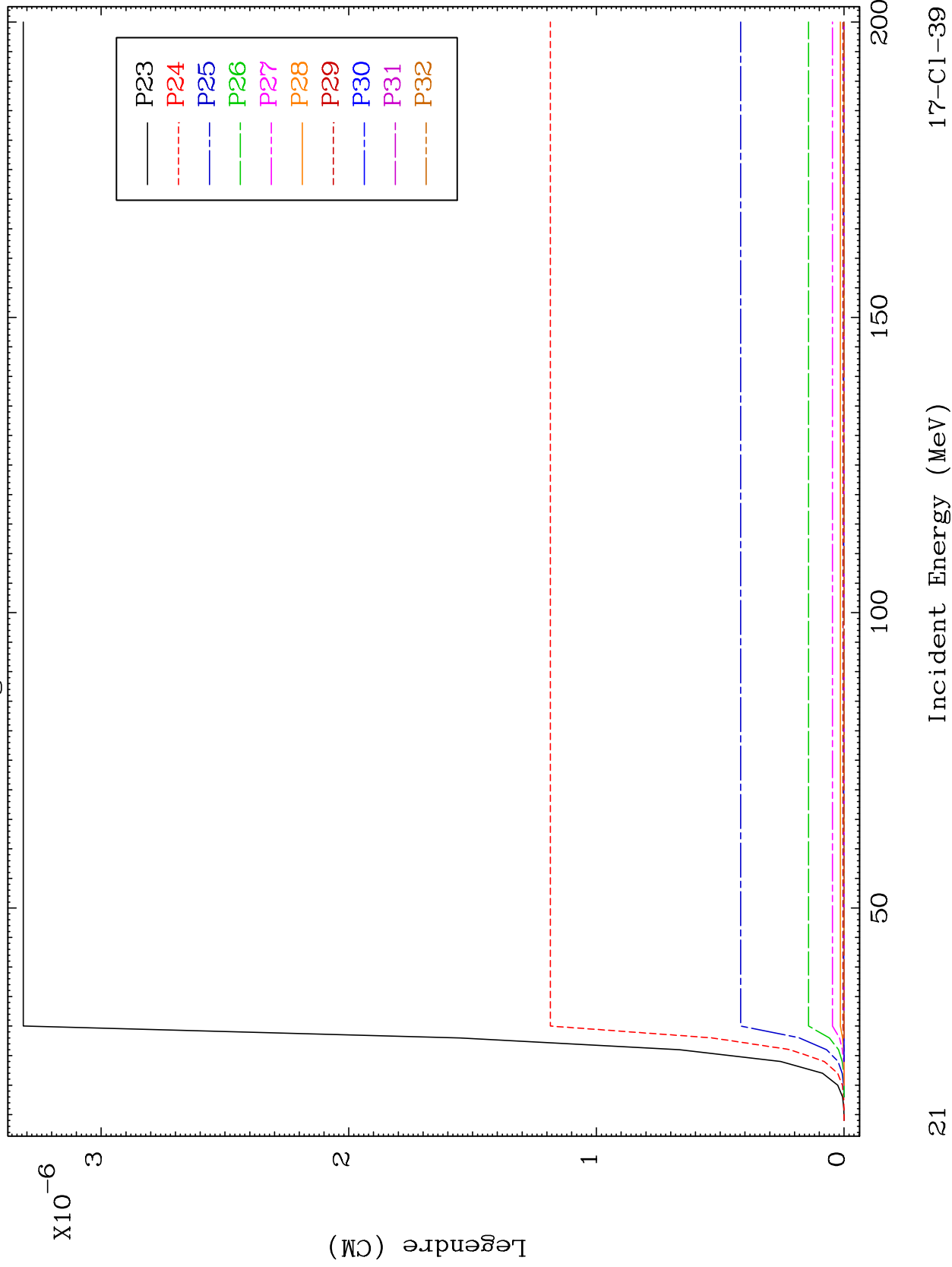
17-Cl-39

Incident Energy (MeV)

MAT 1737

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

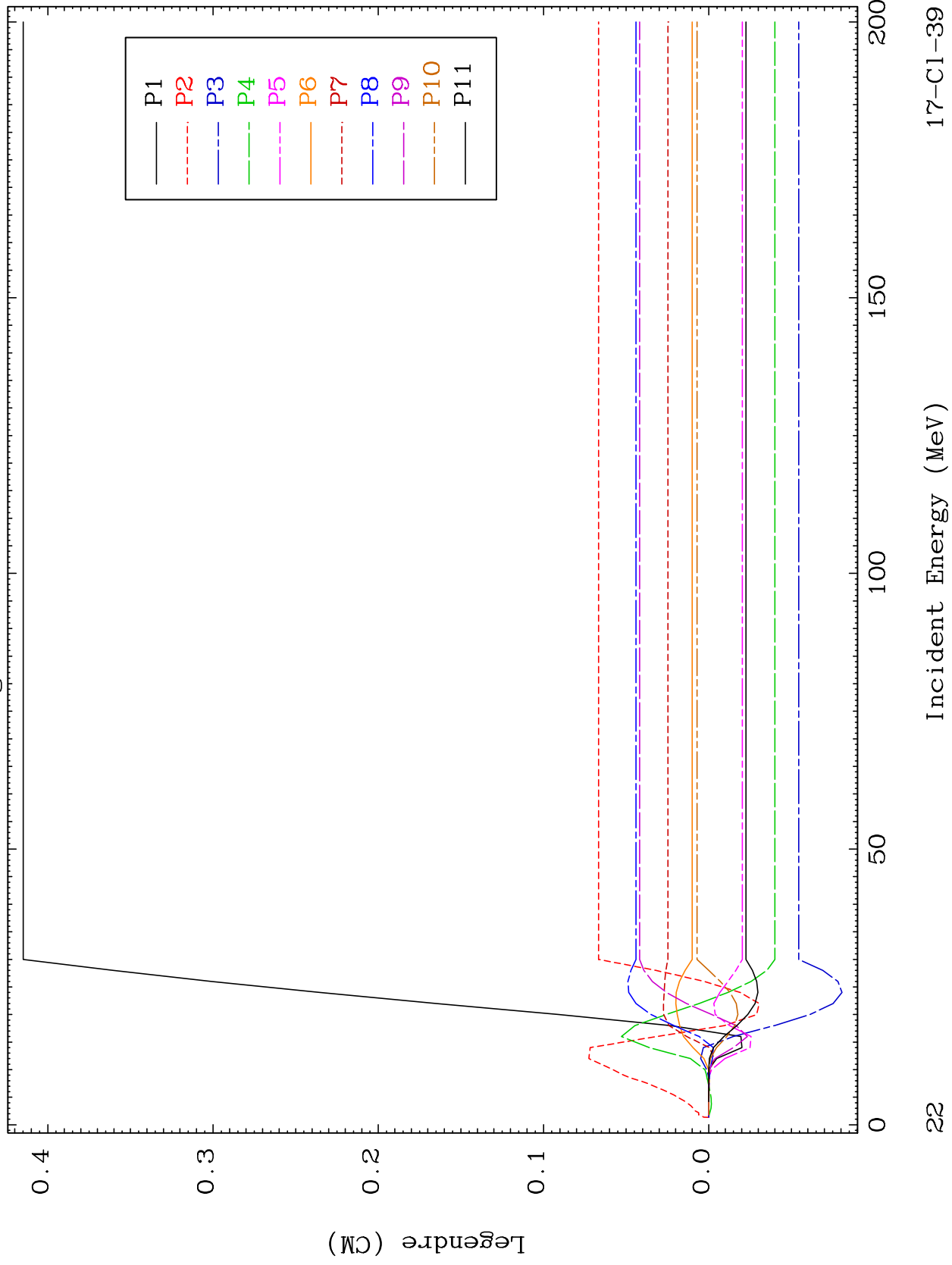
17-Cl-39



MAT 1737

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

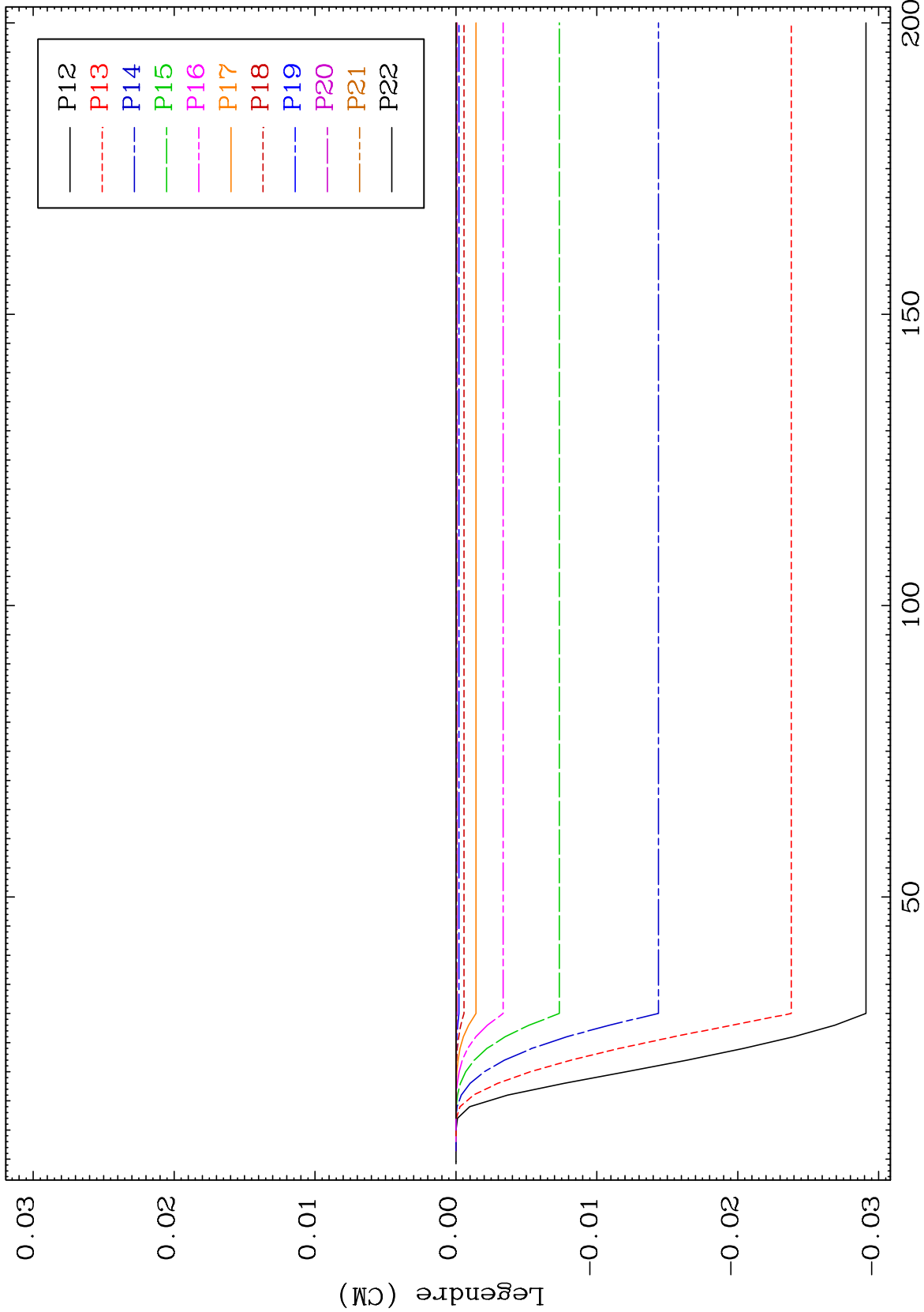
17-Cl-39



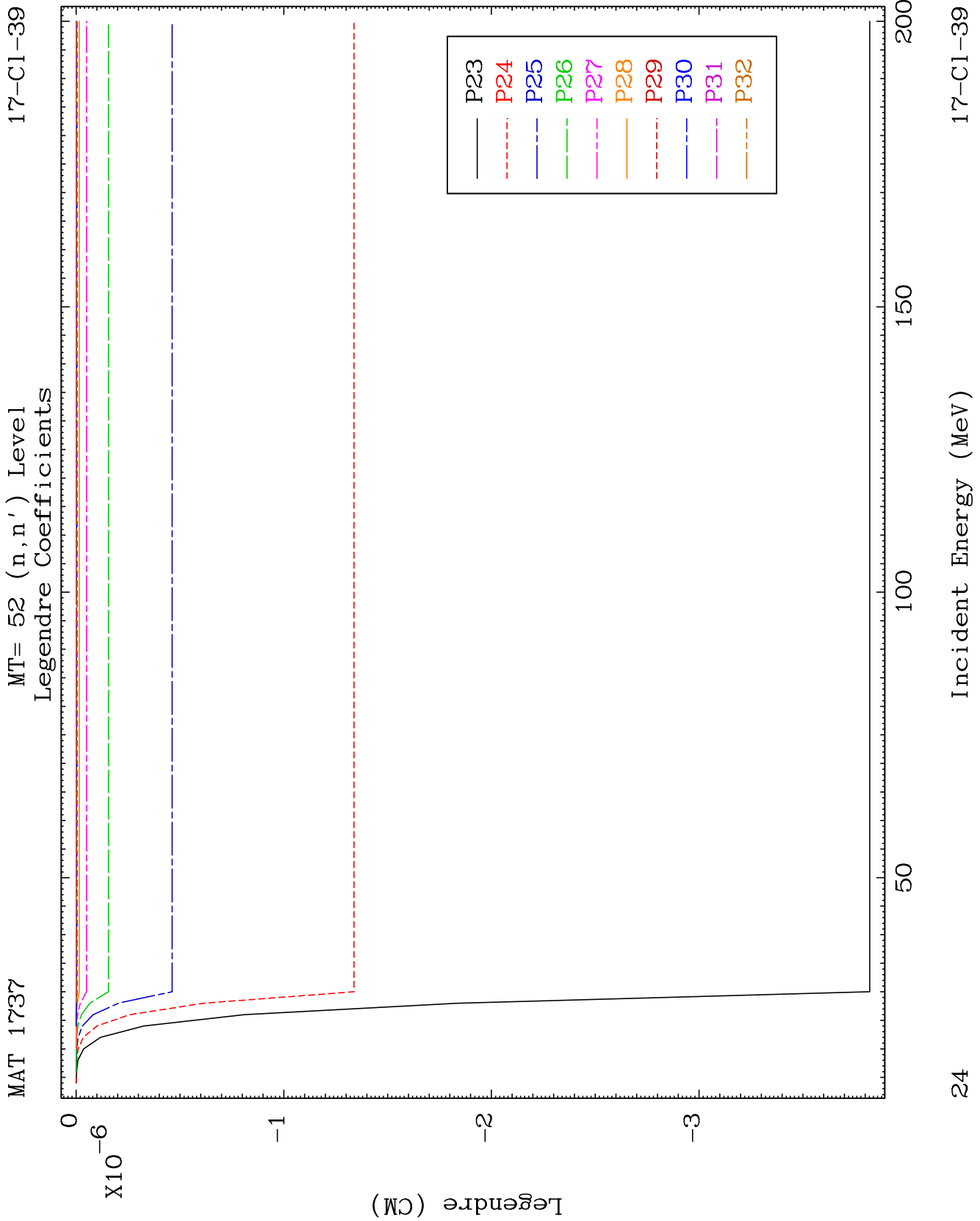
17-Cl-39

Incident Energy (MeV)

22



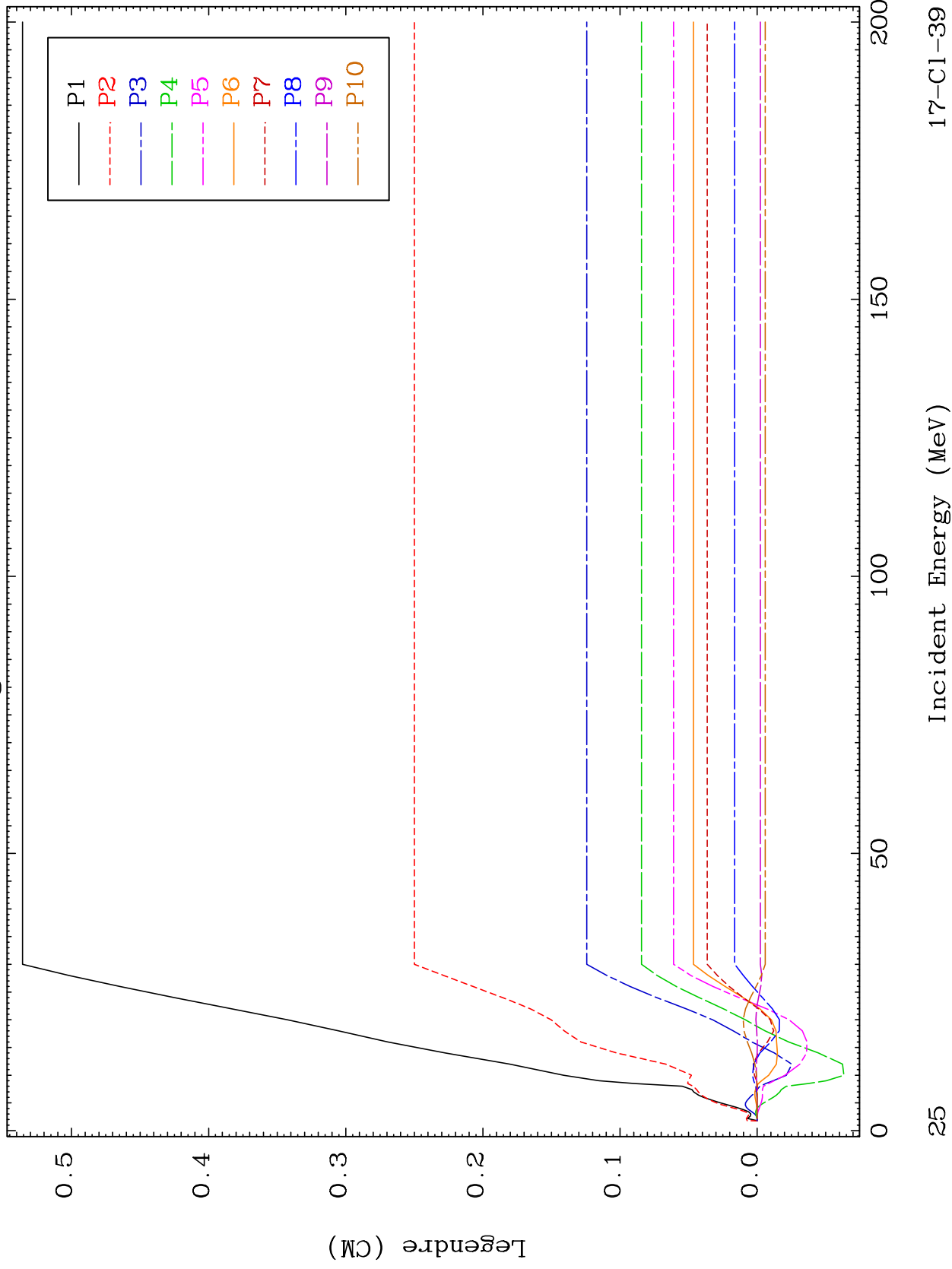




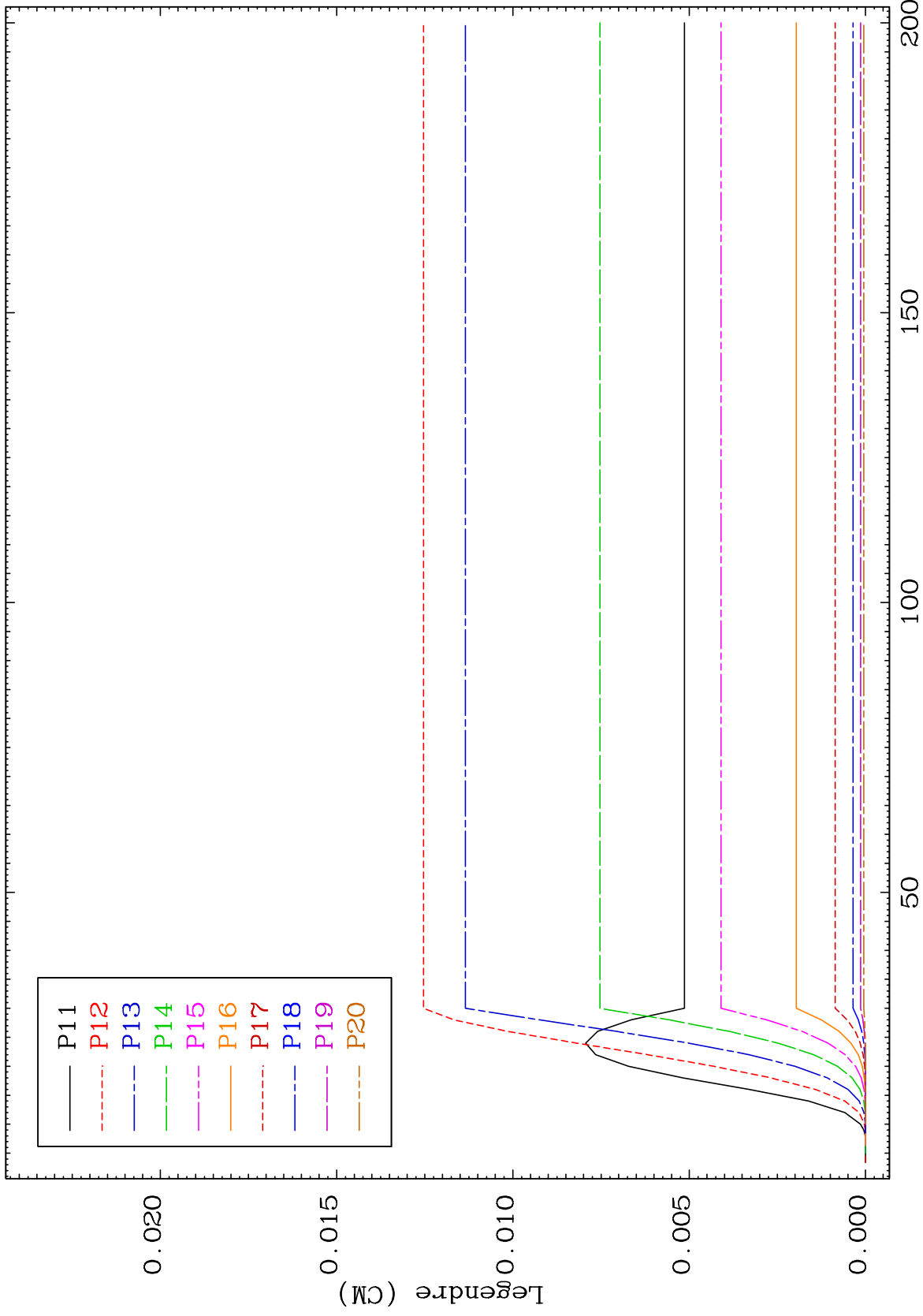
MAT 1737

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

17-Cl-39



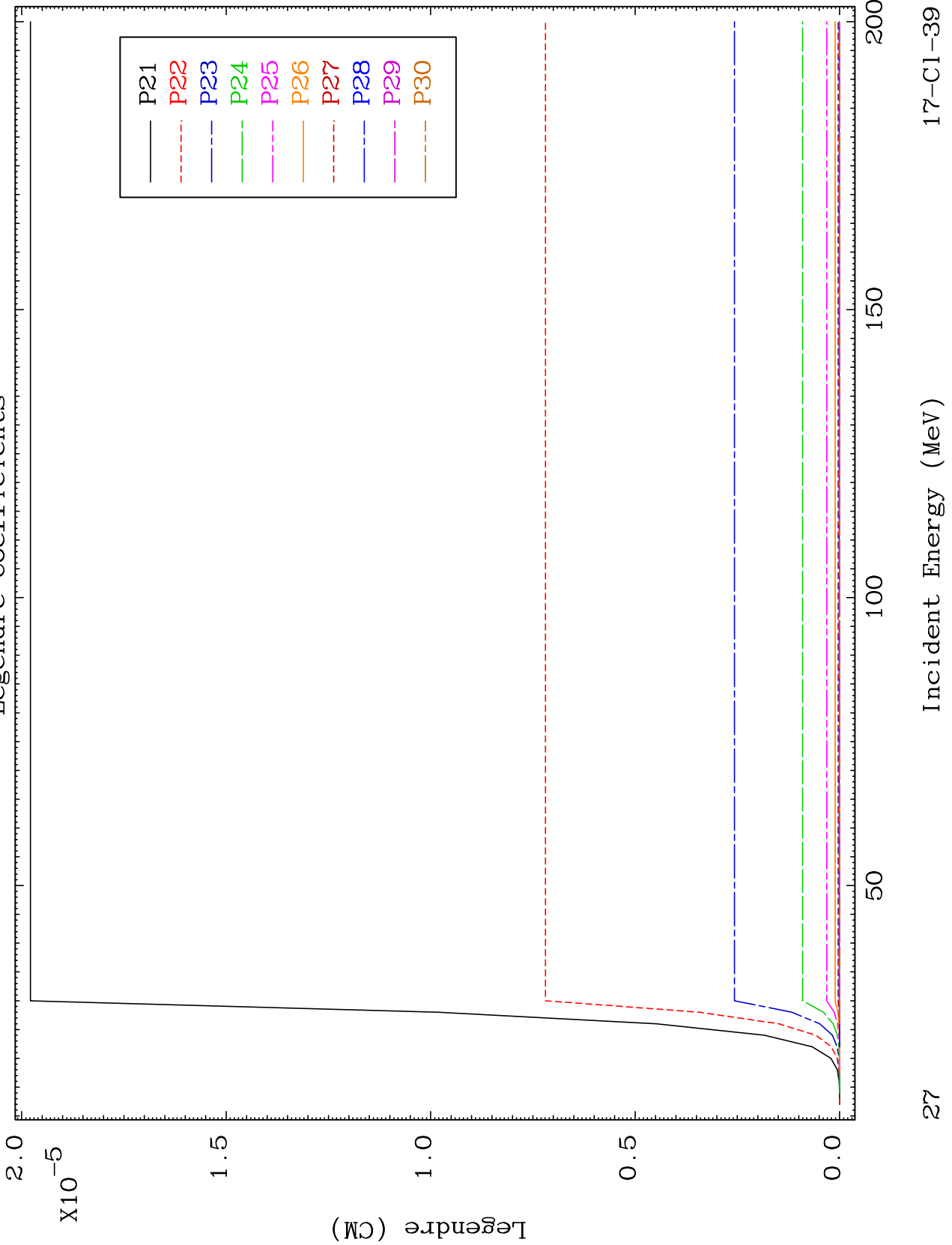
17-Cl-39



MAT 1737

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

17-Cl-39



27

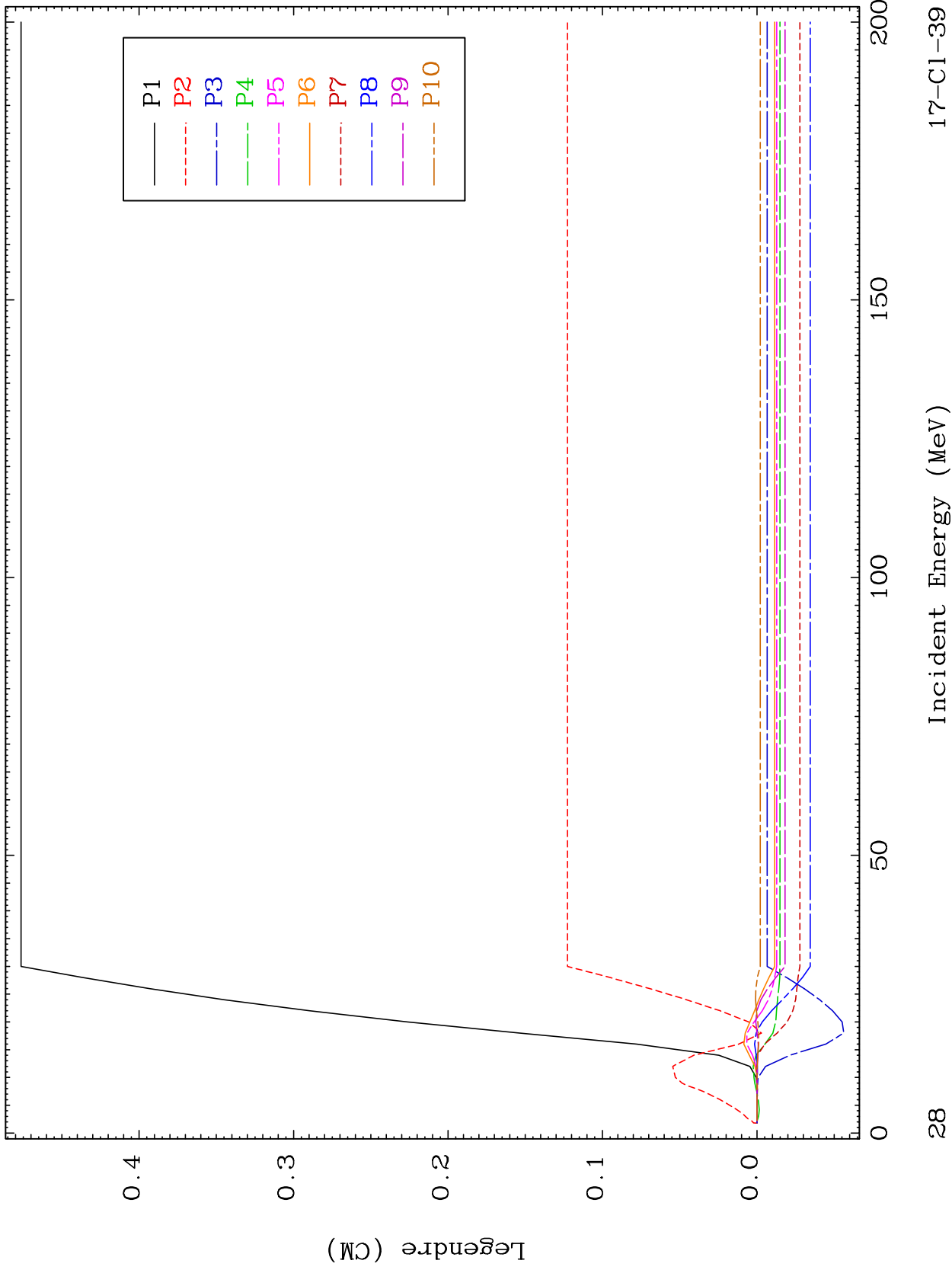
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

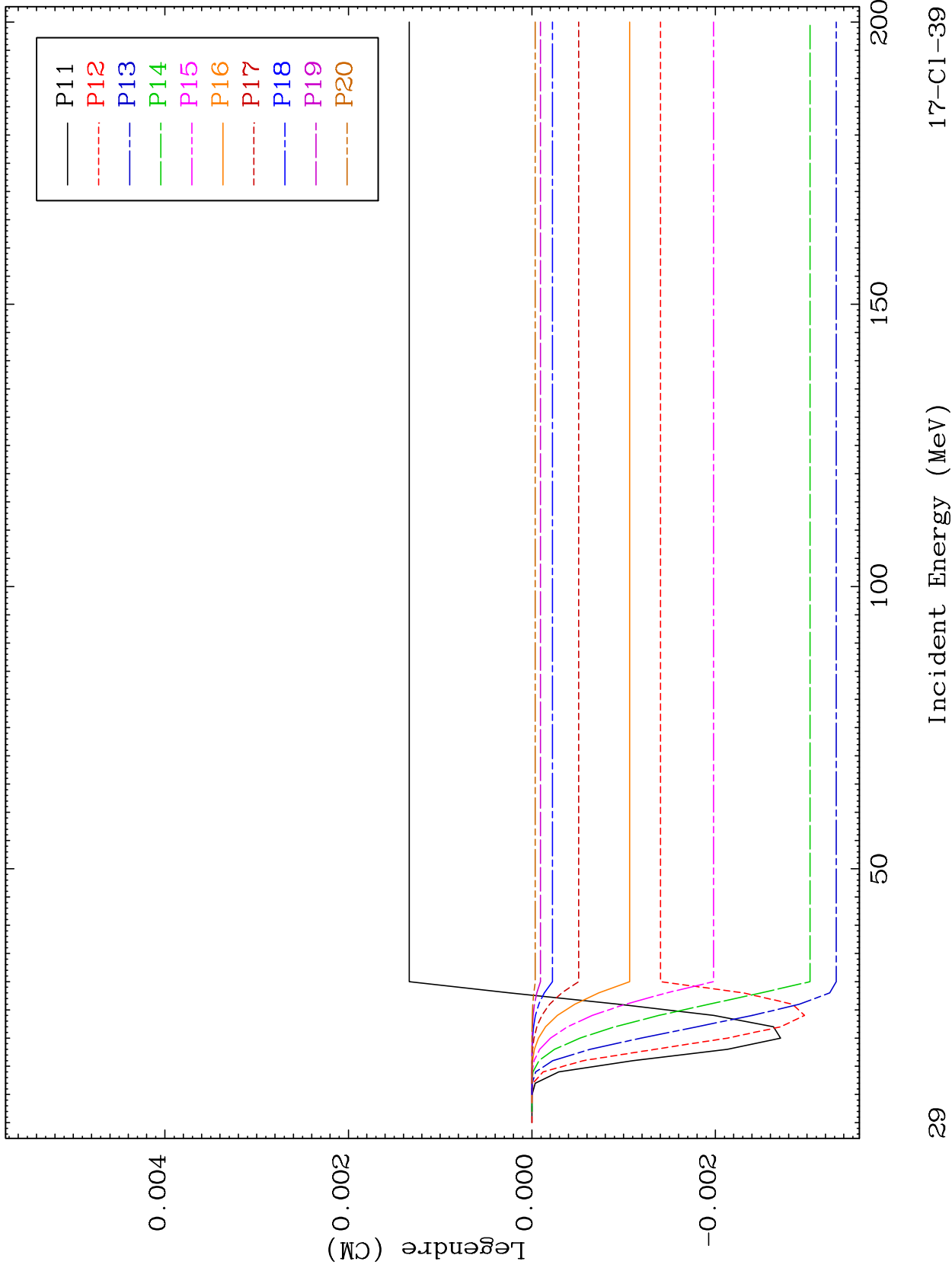
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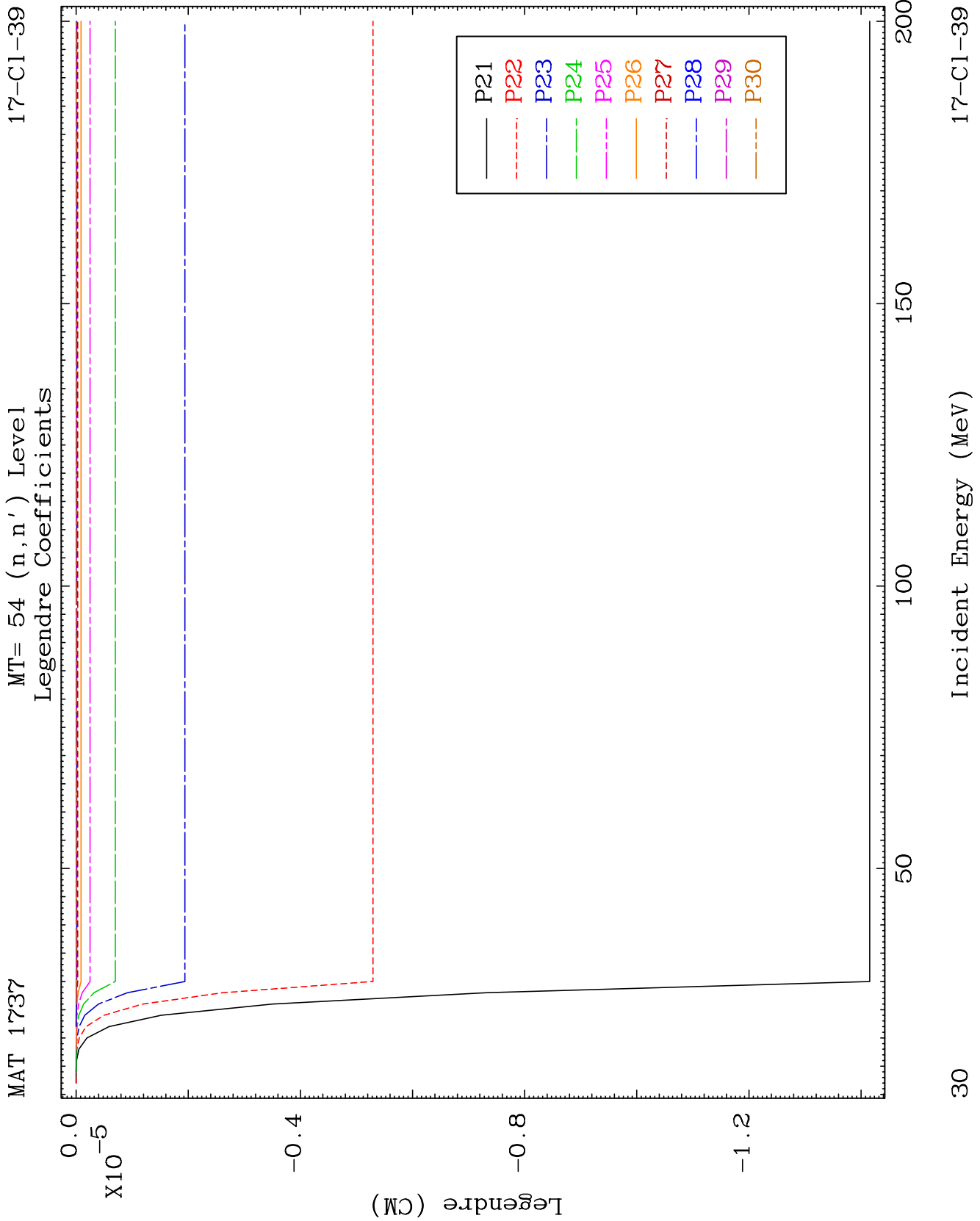


17-Cl-39

Incident Energy (MeV)

28

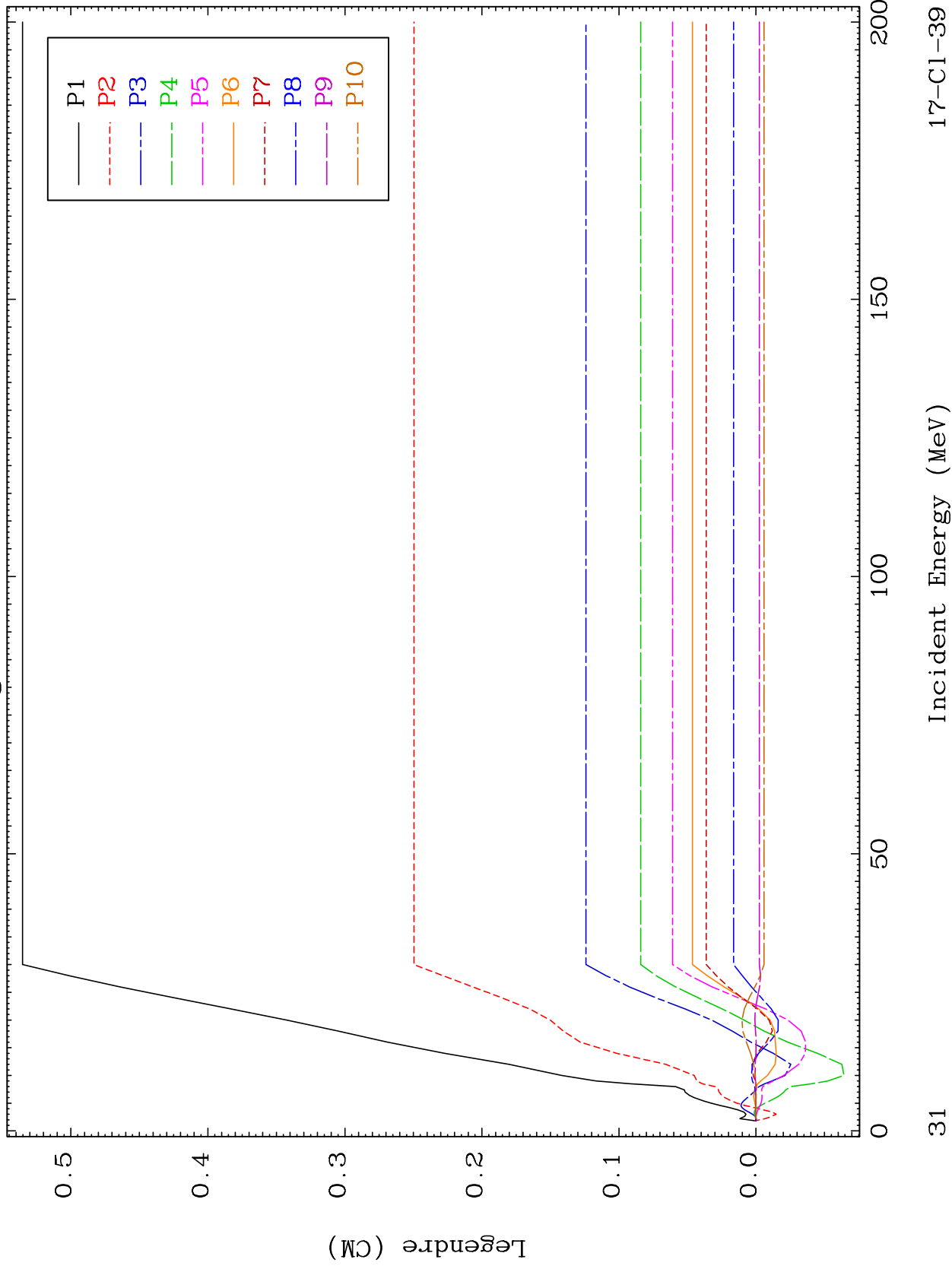




MAT 1737

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

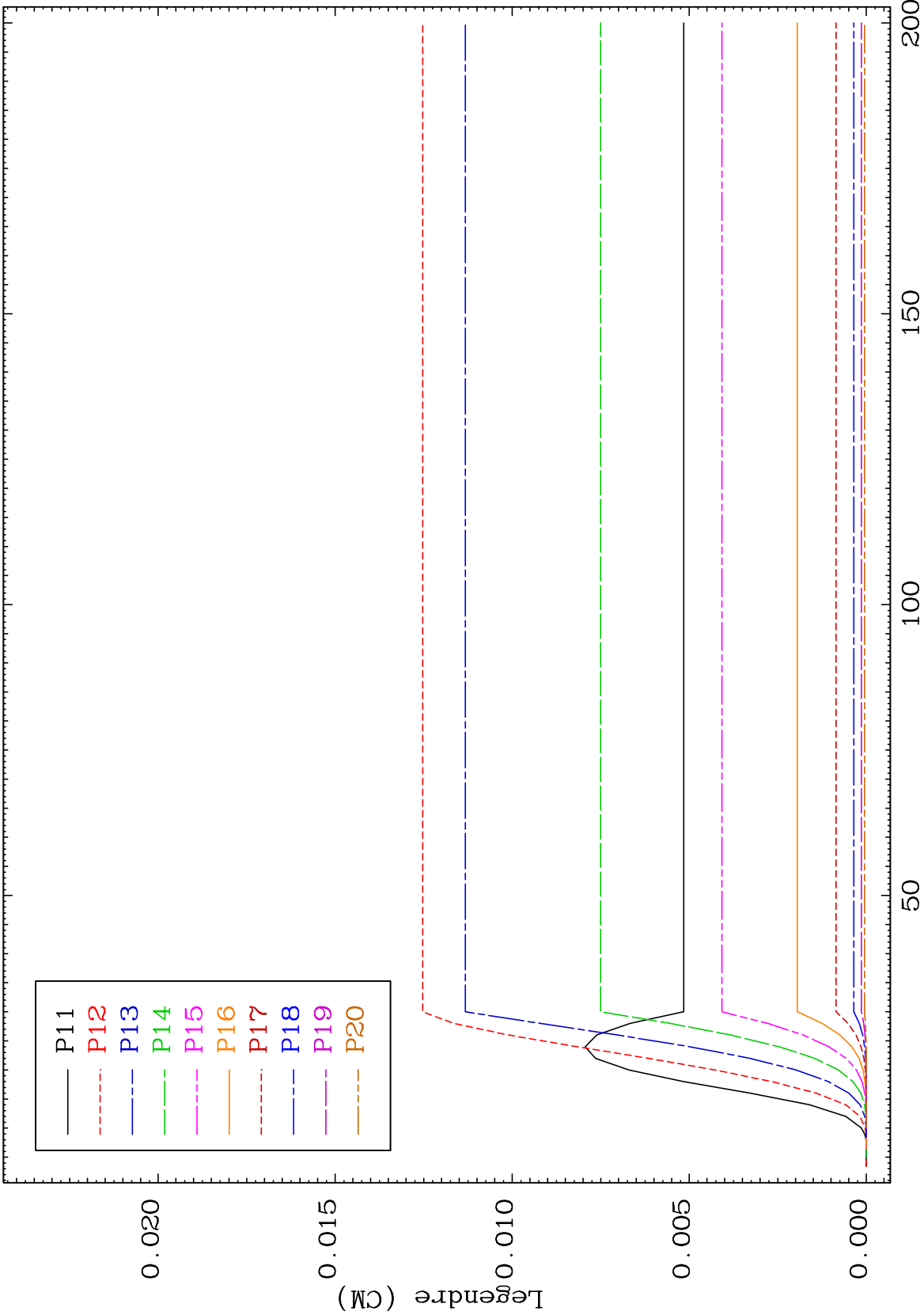
17-Cl-39



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17-Cl-39

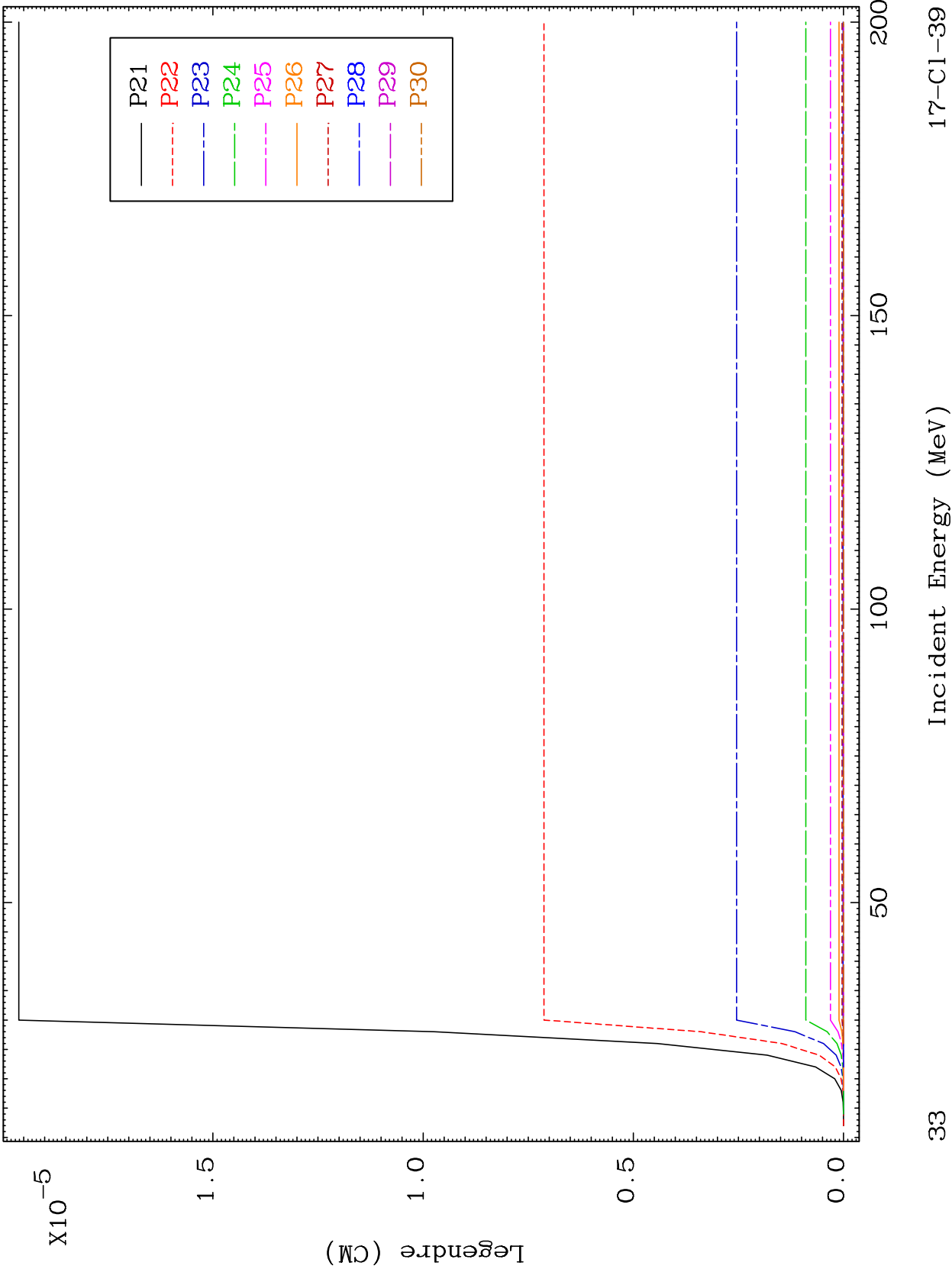




MAT 1737

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

17-Cl-39



33

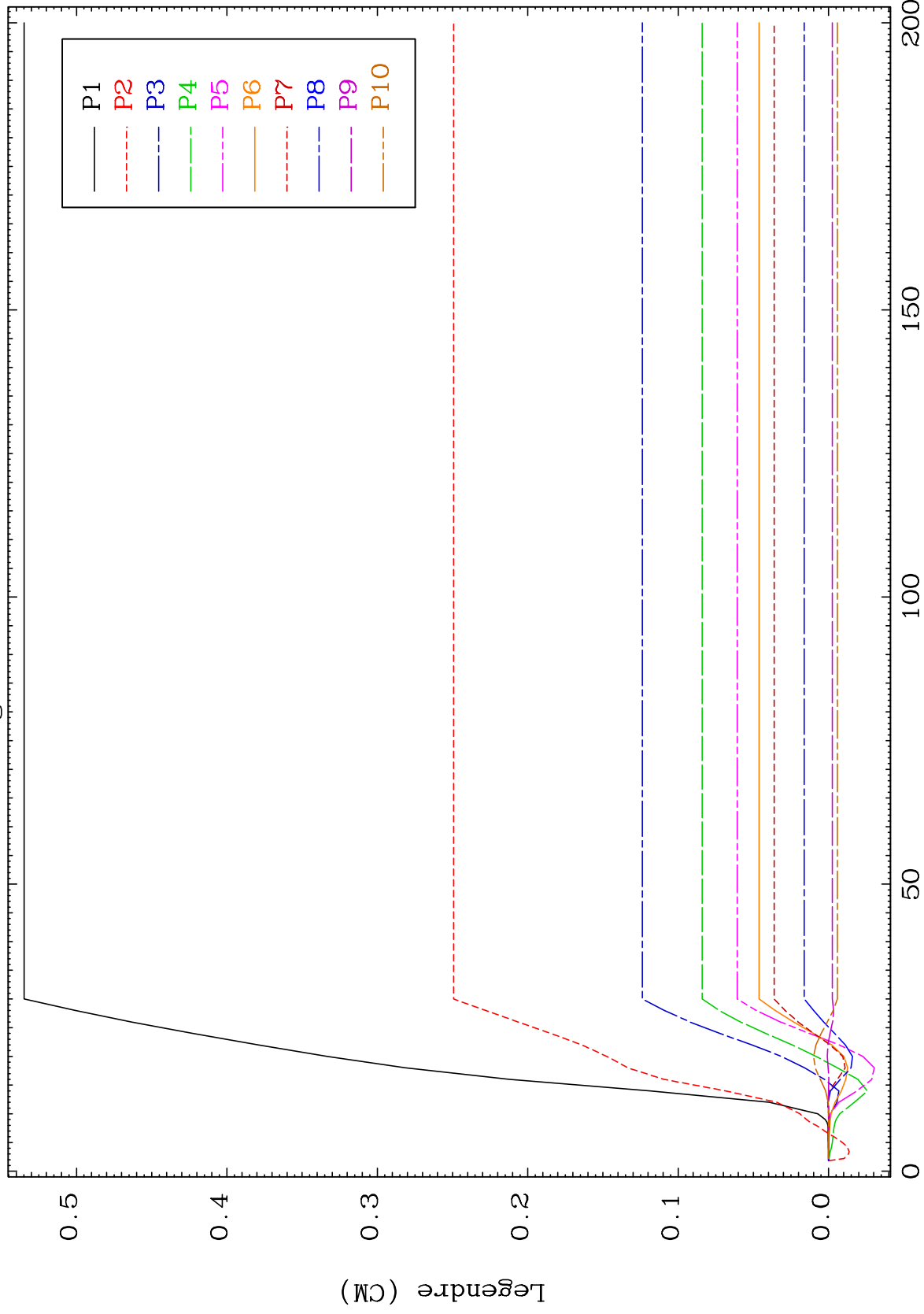
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

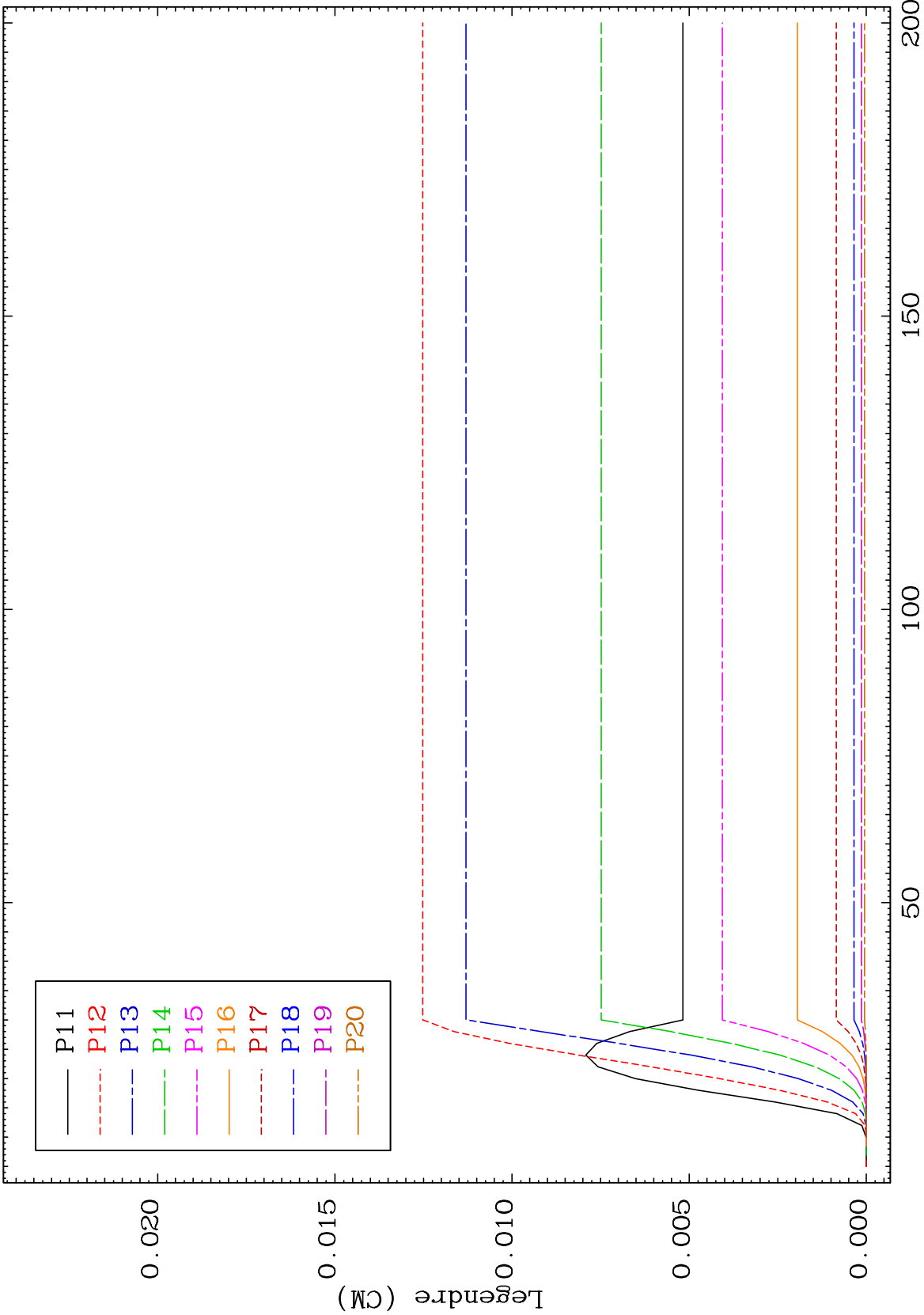
17-Cl-39



34

Incident Energy (MeV)

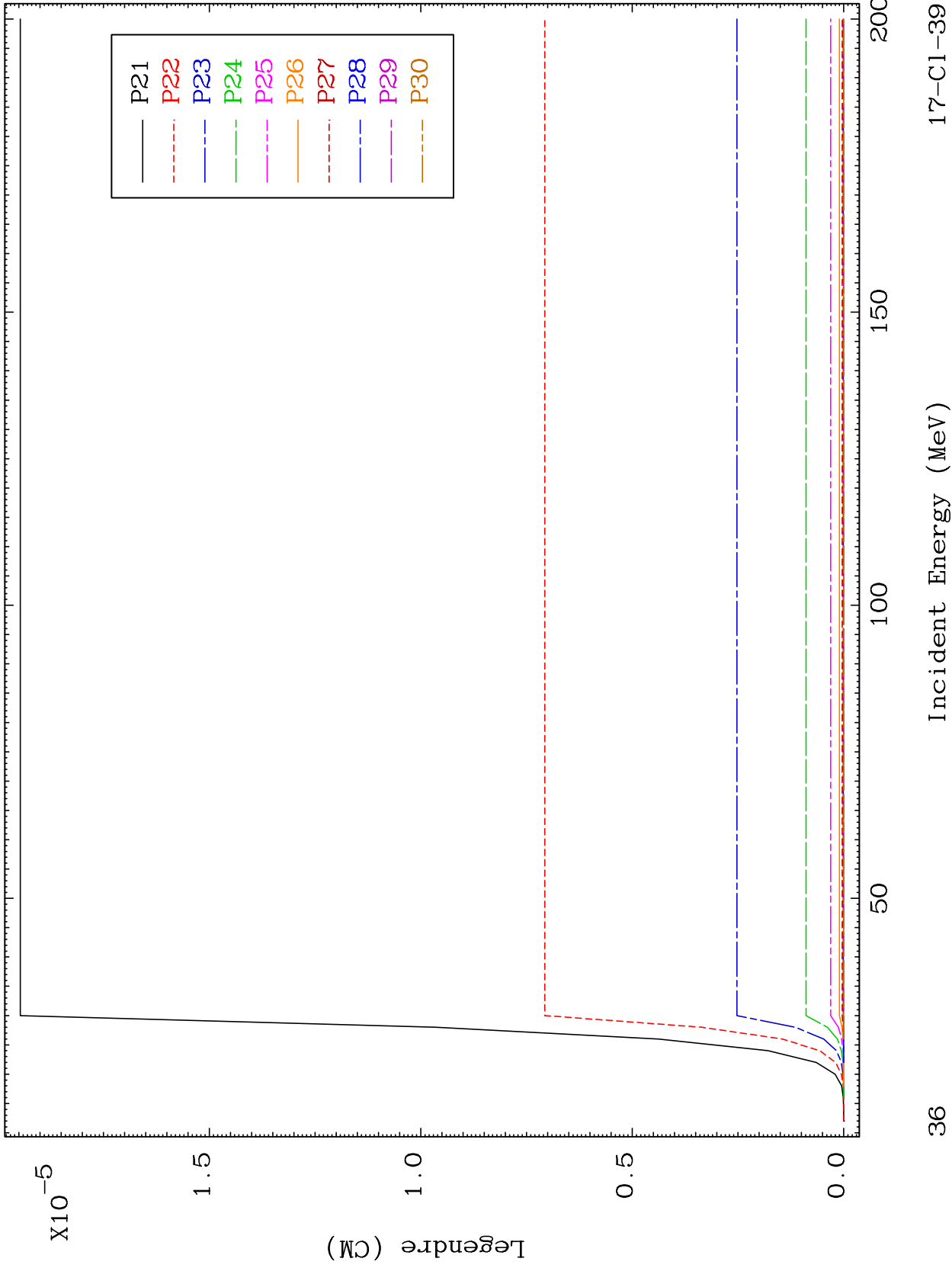
17-Cl-39



MAT 1737

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

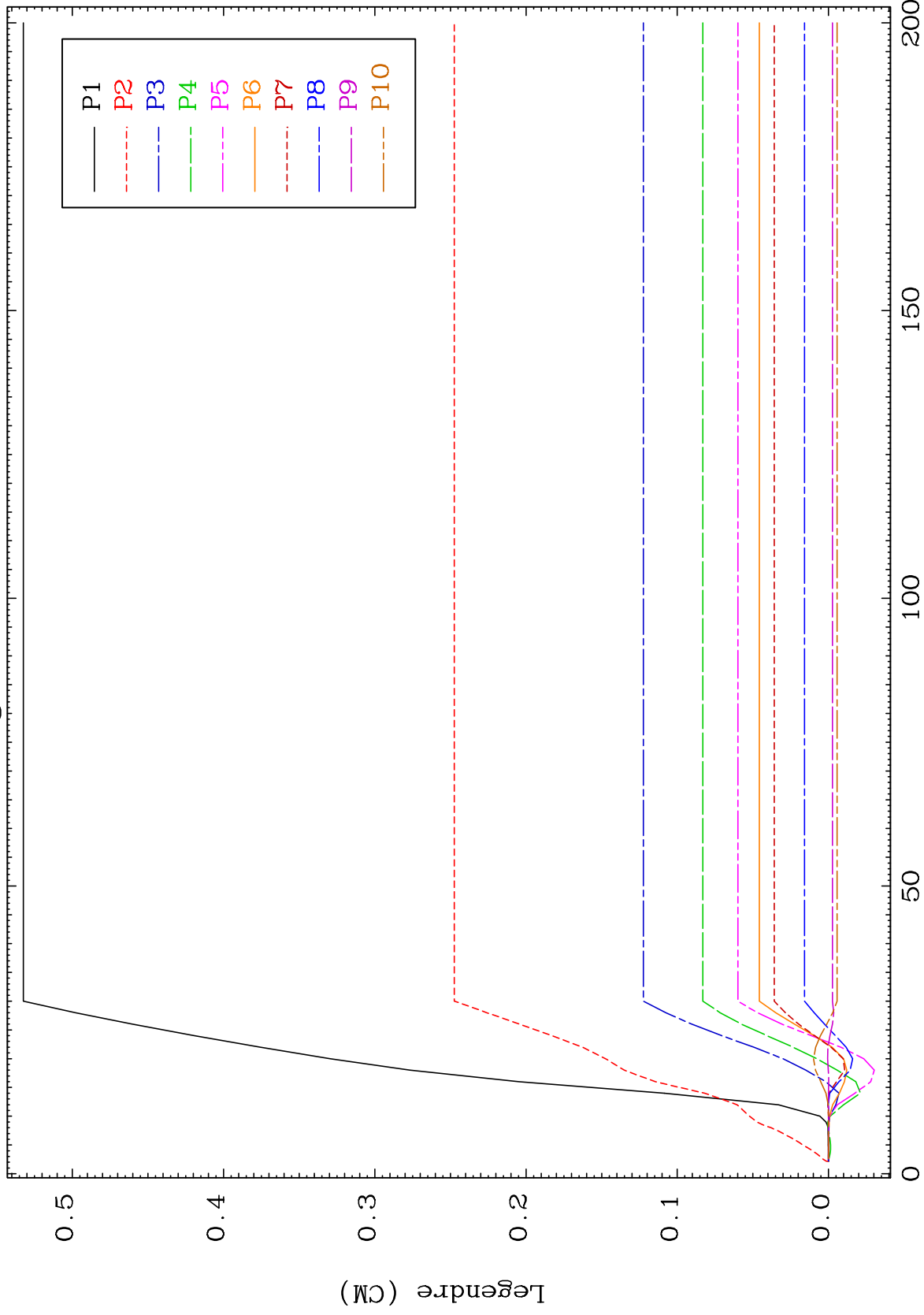
17-Cl-39



MAT 1737

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

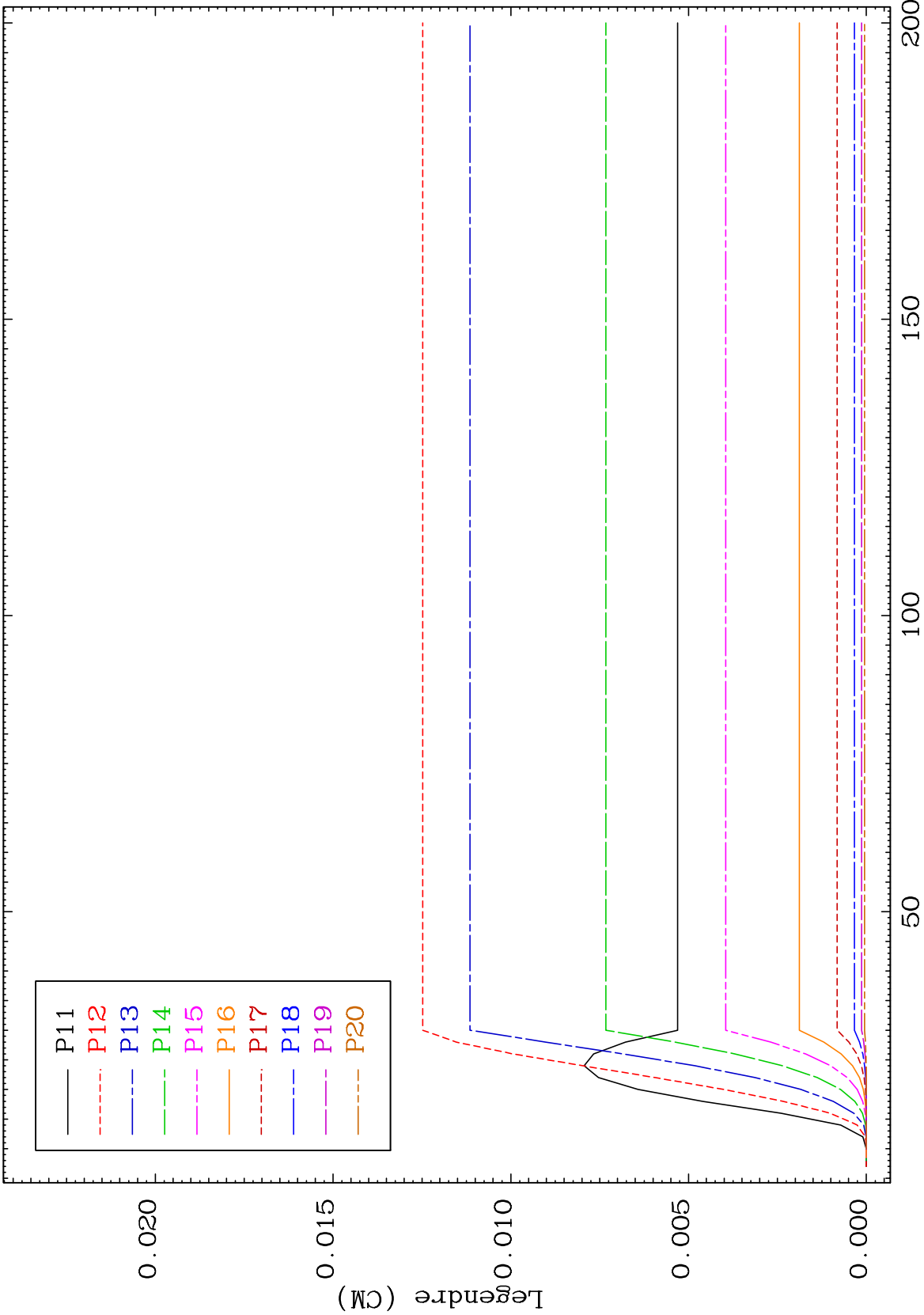
17-Cl-39



37

Incident Energy (MeV)

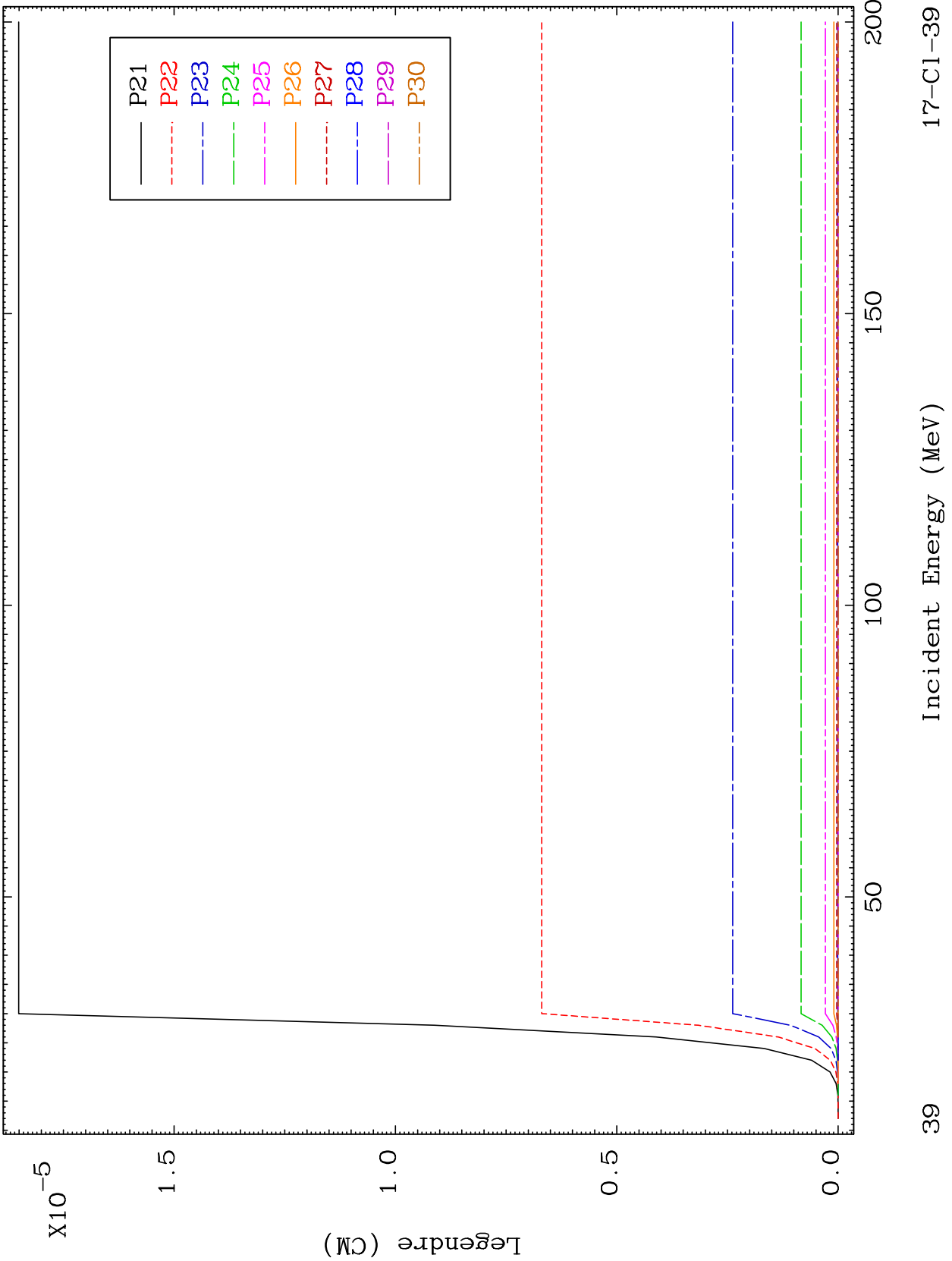
17-Cl-39



MAT 1737

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

17-Cl-39

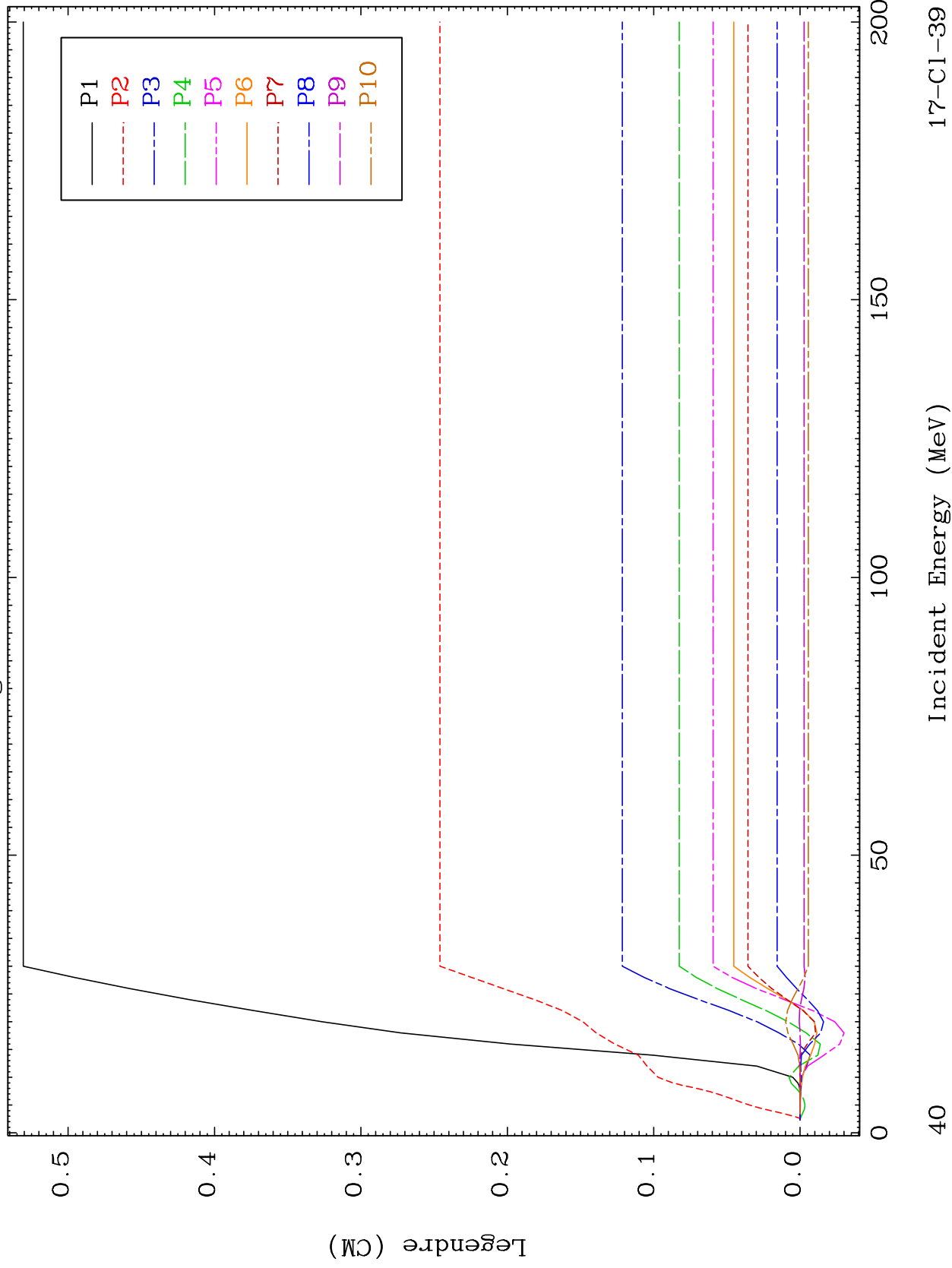




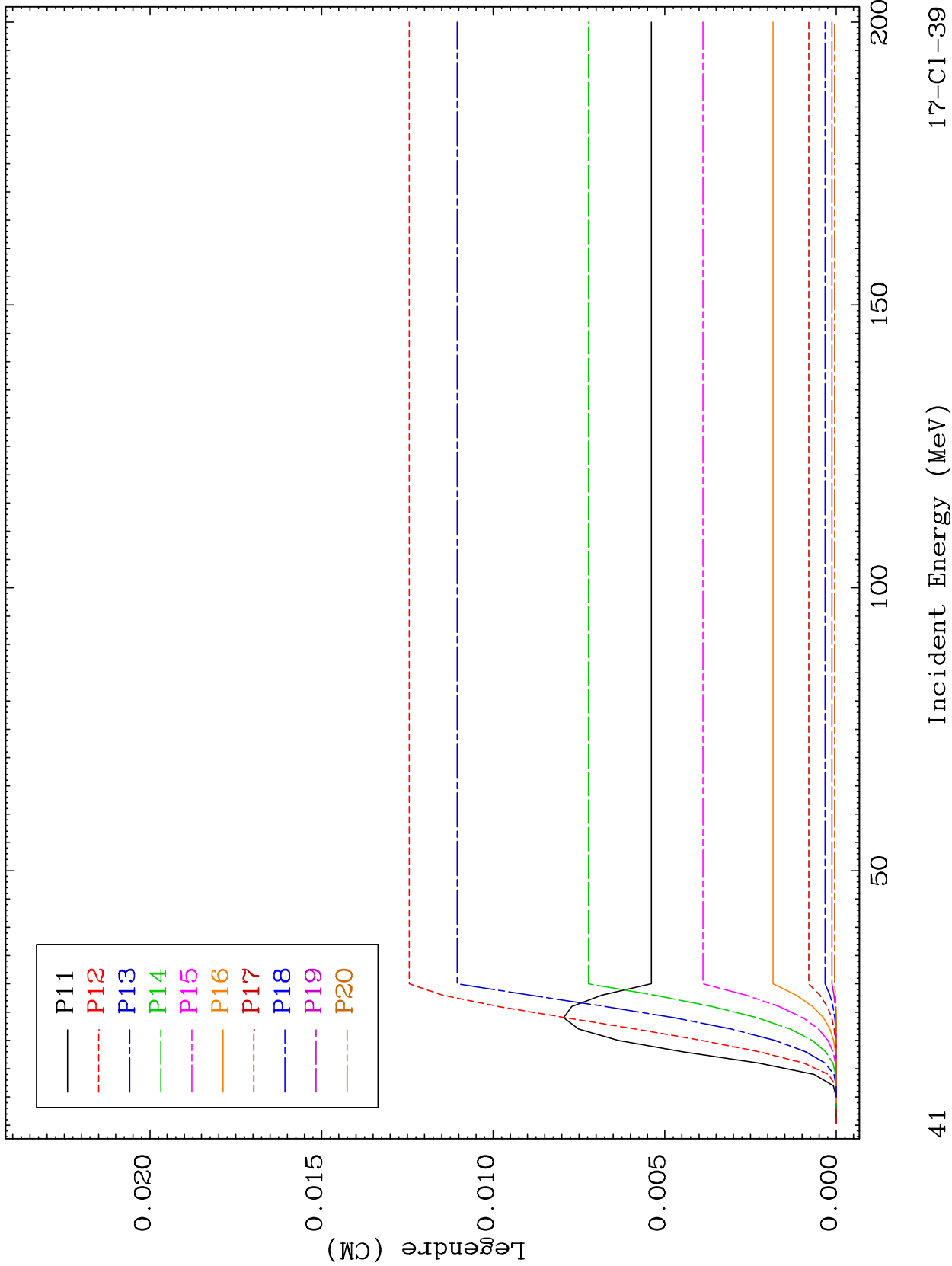
MAT 1737

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

17-Cl-39



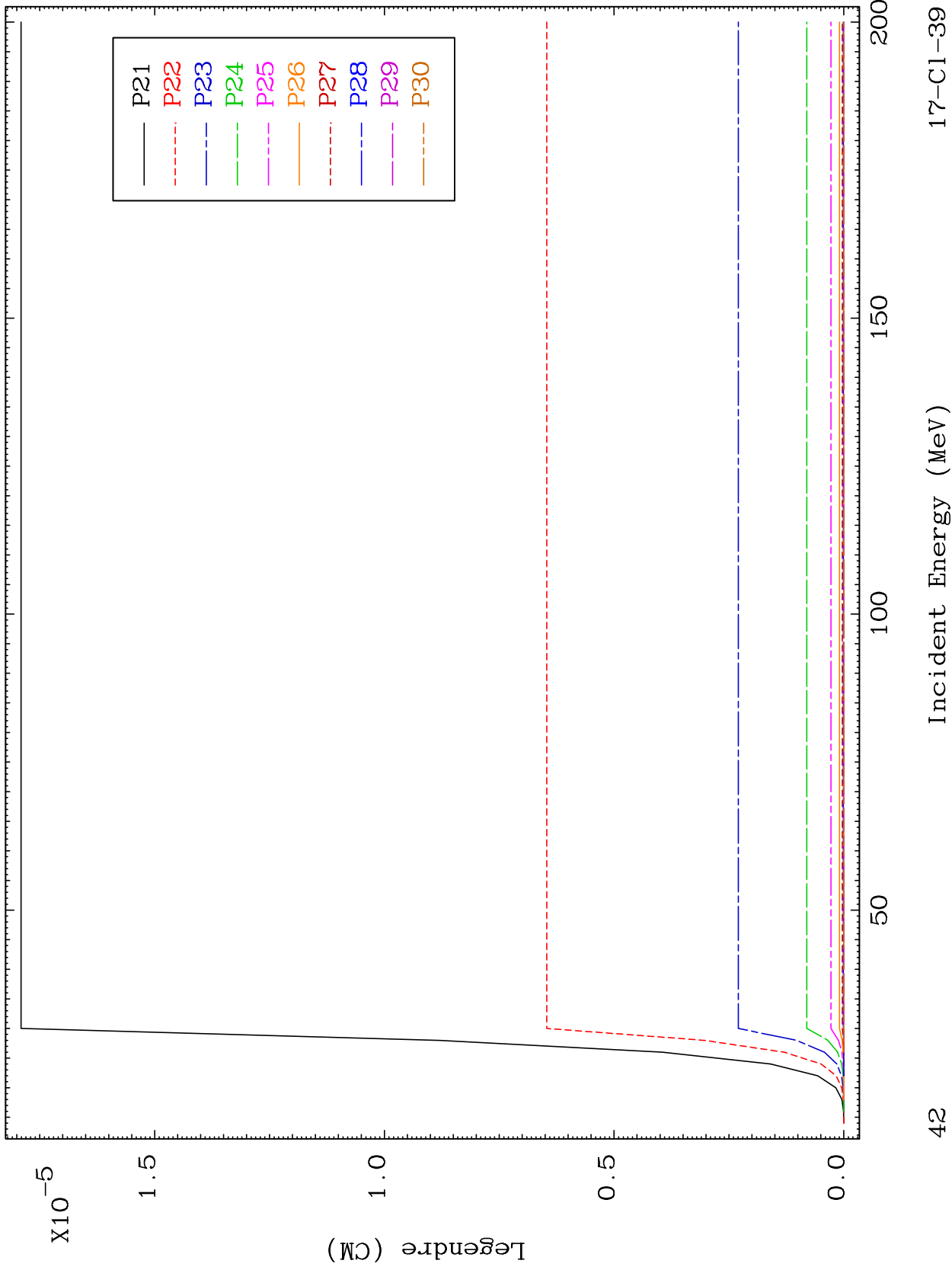
17-Cl-39



MAT 1737

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

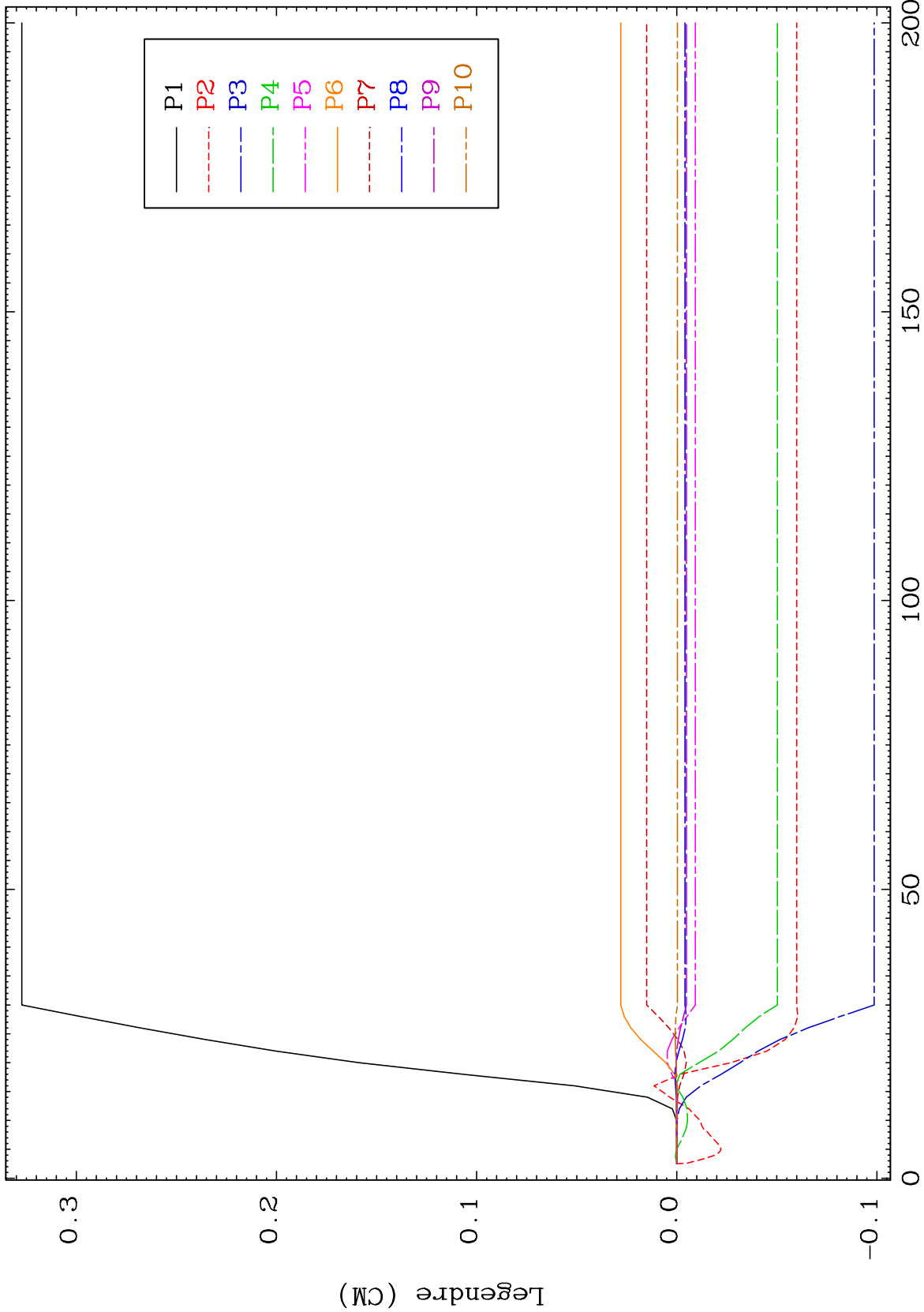
17-Cl-39



MAT 1737

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

17-Cl-39



43

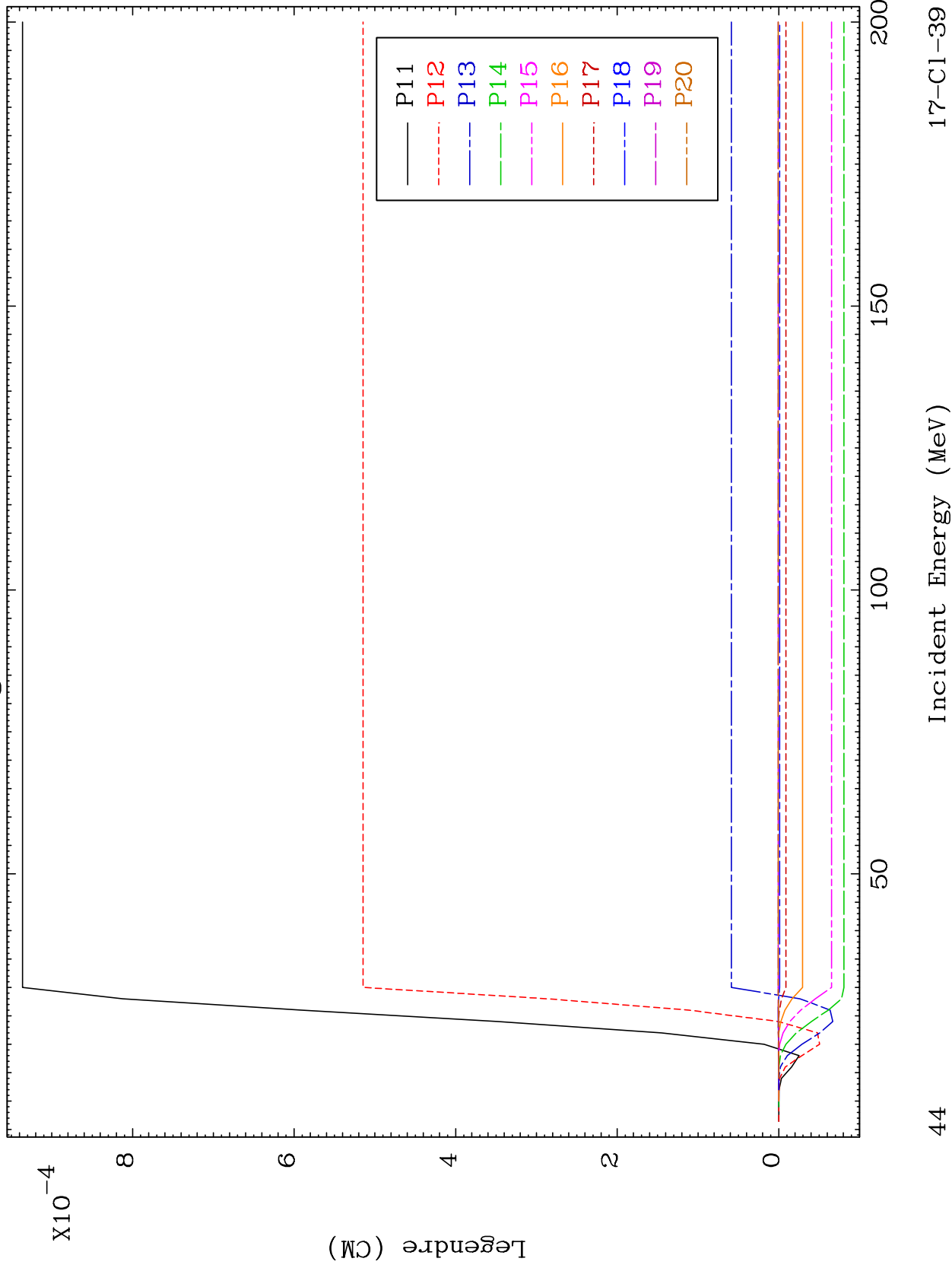
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



44

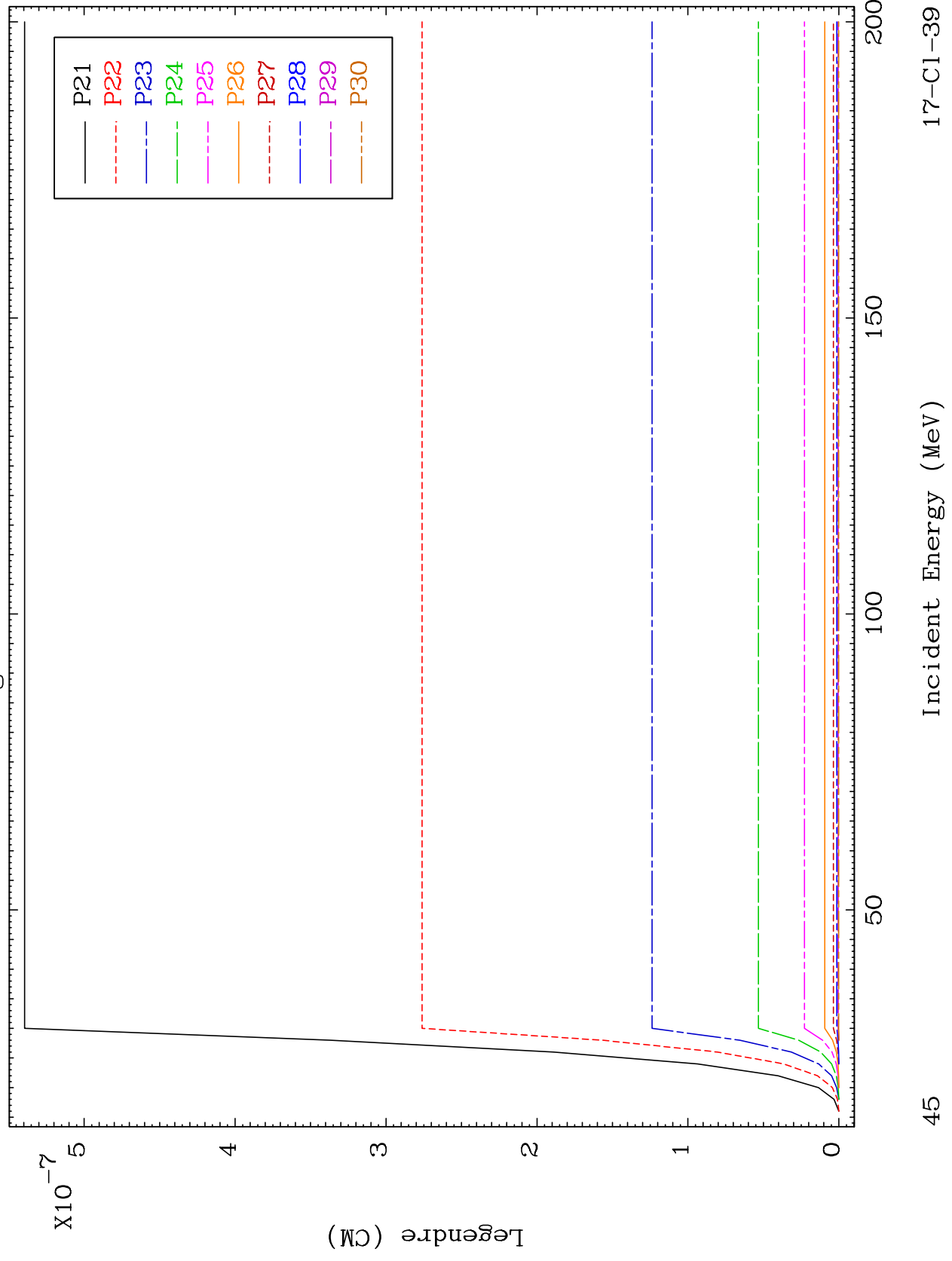
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



17-Cl-39

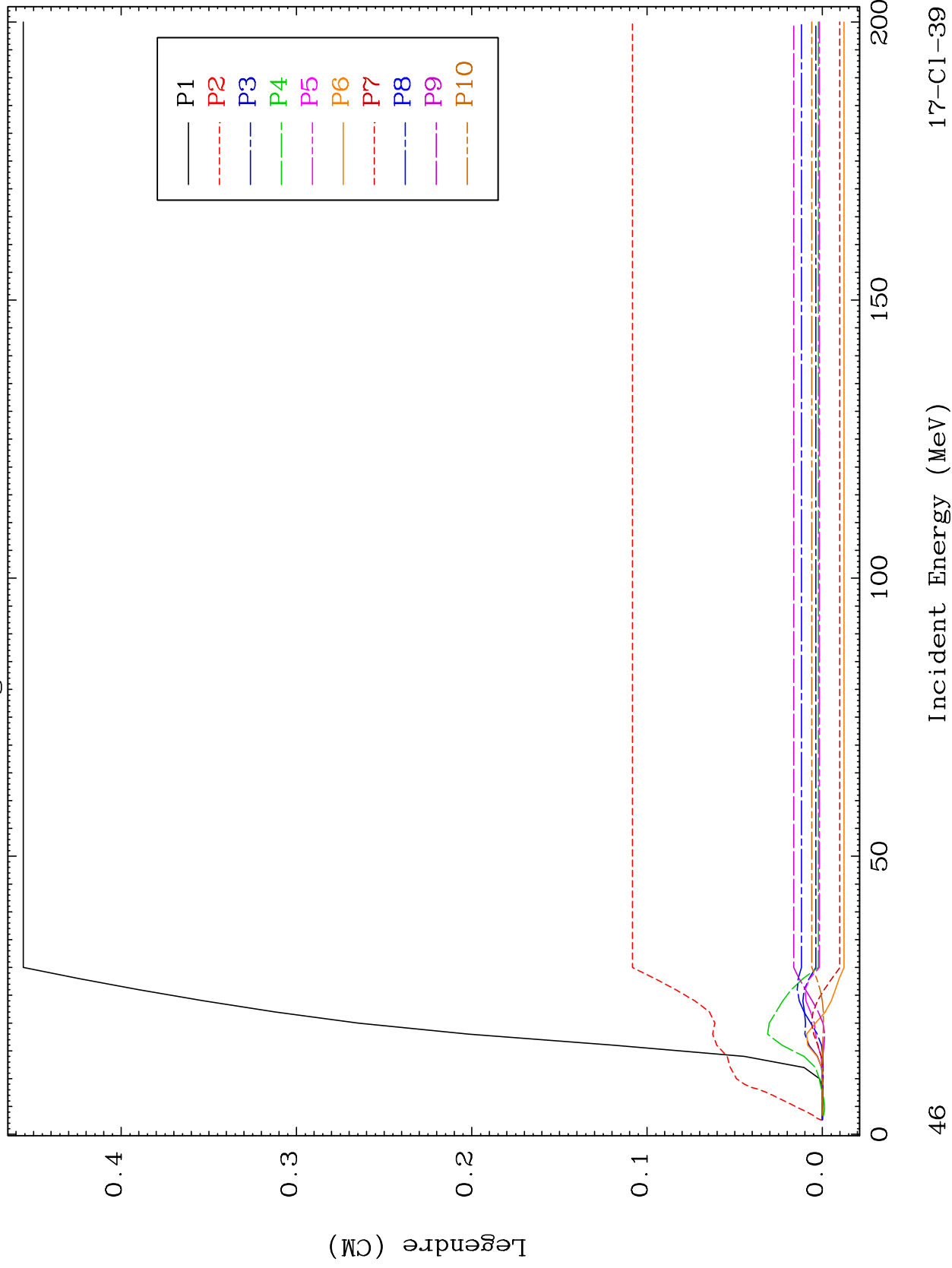
Incident Energy (MeV)

45

MAT 1737

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

17-Cl-39



46

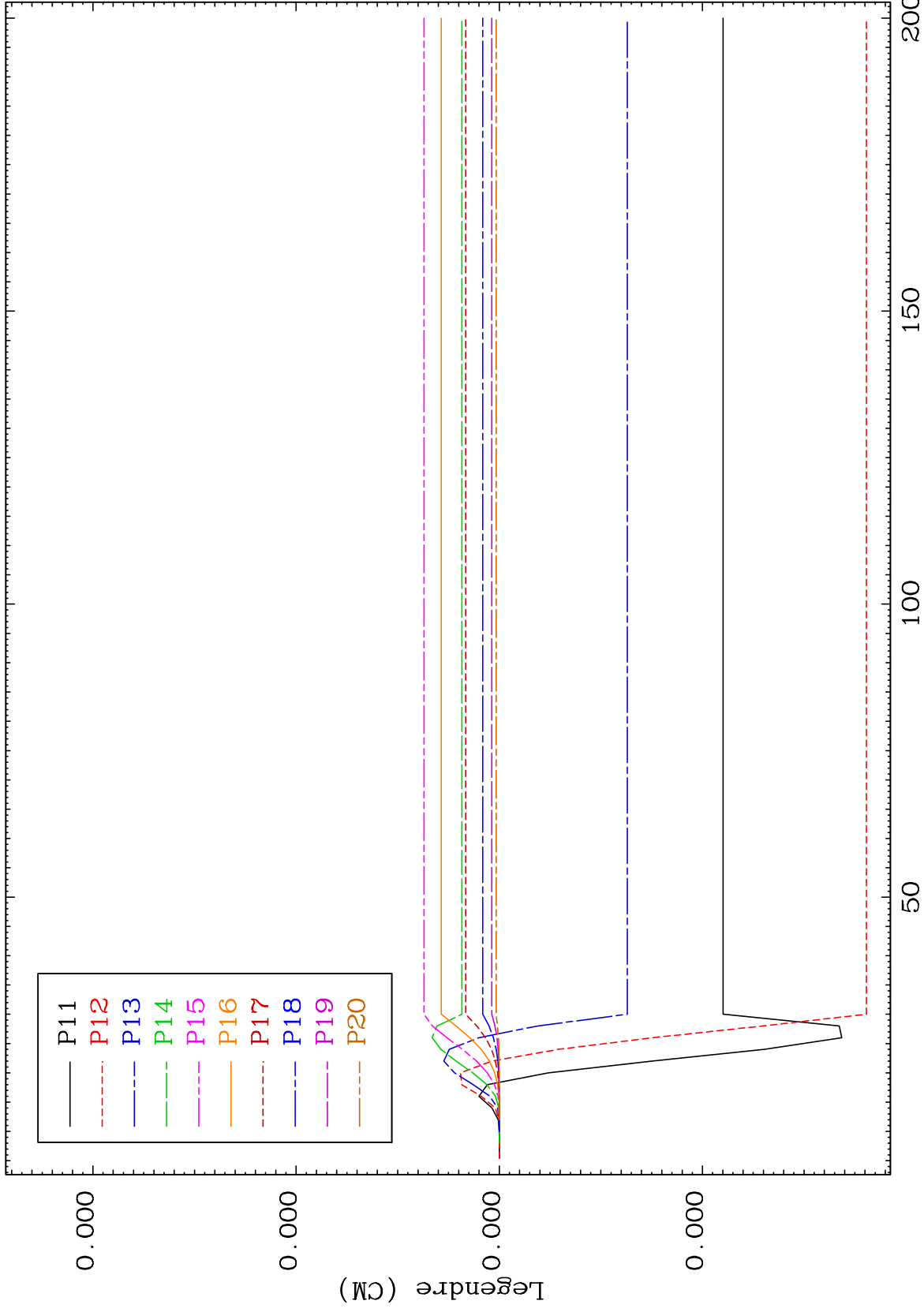
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



47

Incident Energy (MeV)

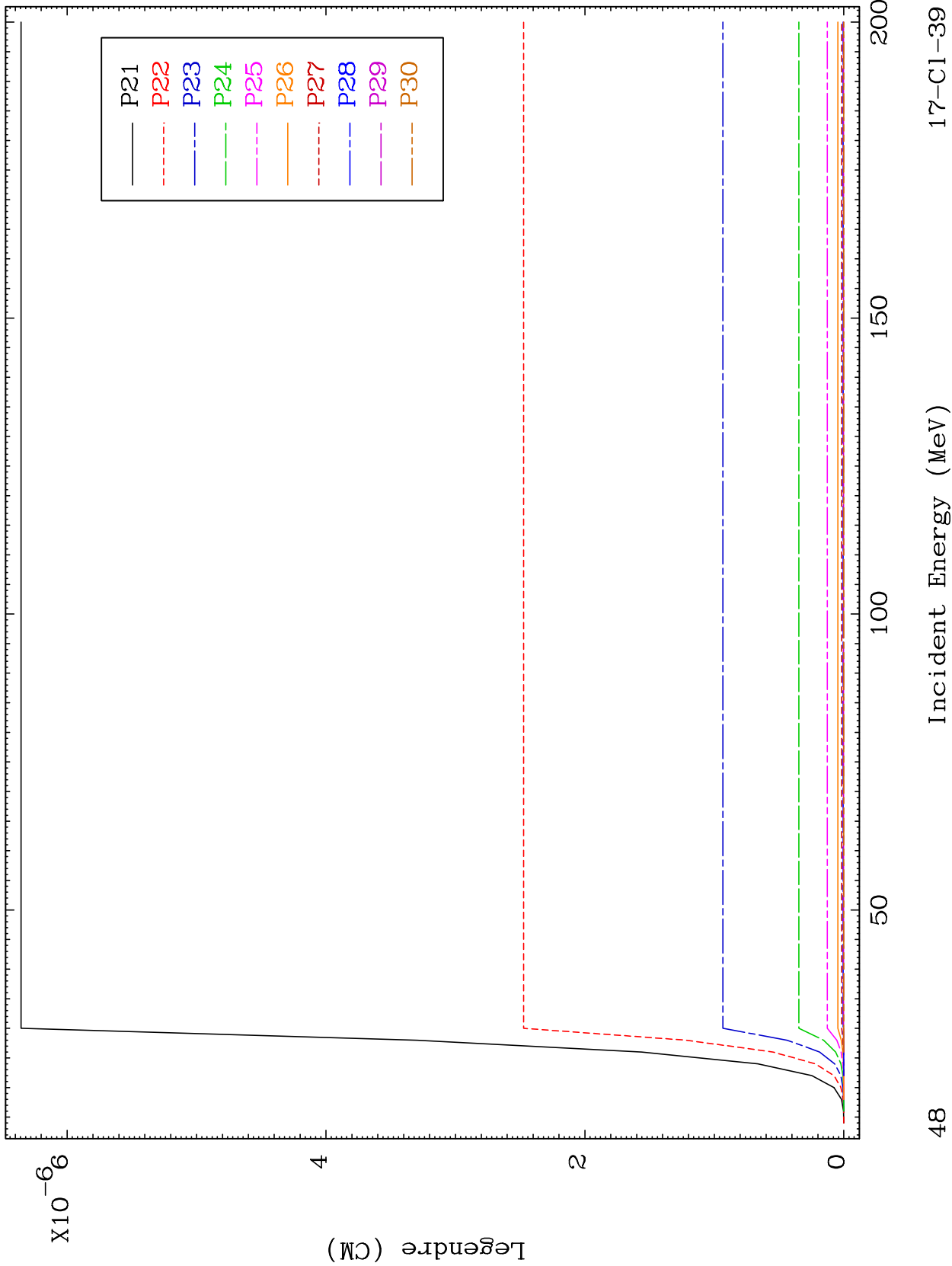
17-Cl-39



MAT 1737

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

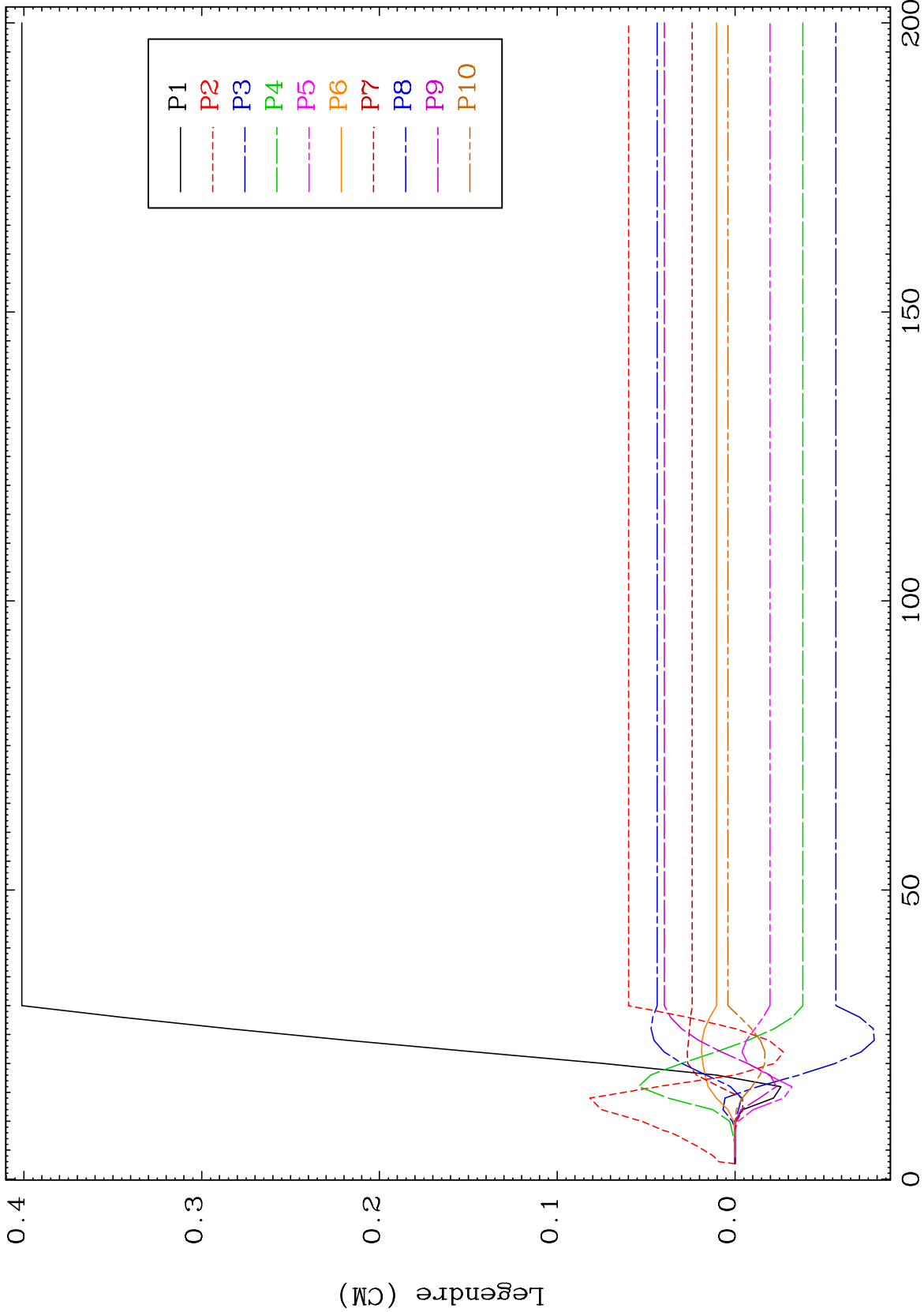
17-Cl-39



MAT 1737

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

17-C1-39



49

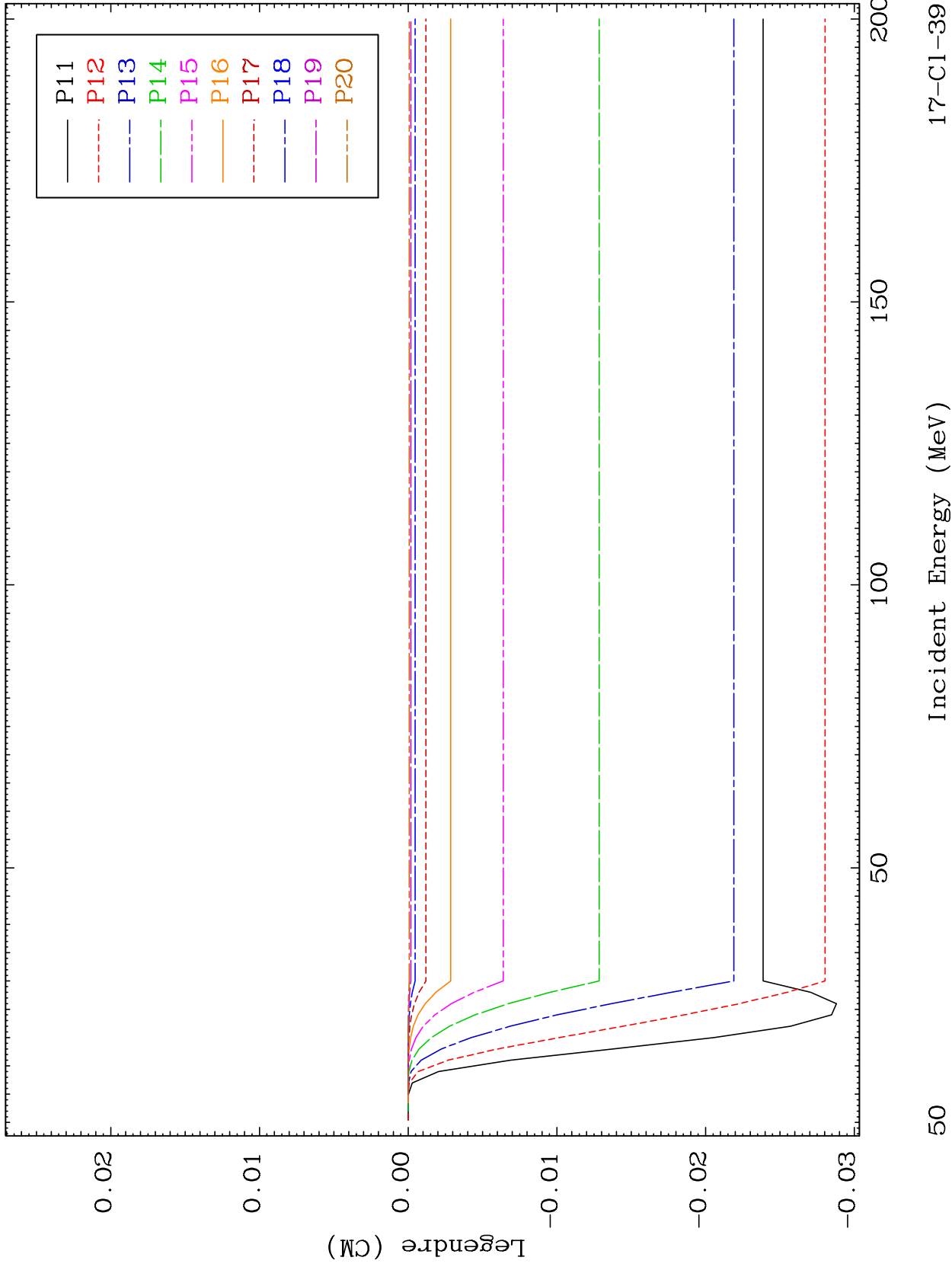
Incident Energy (MeV)

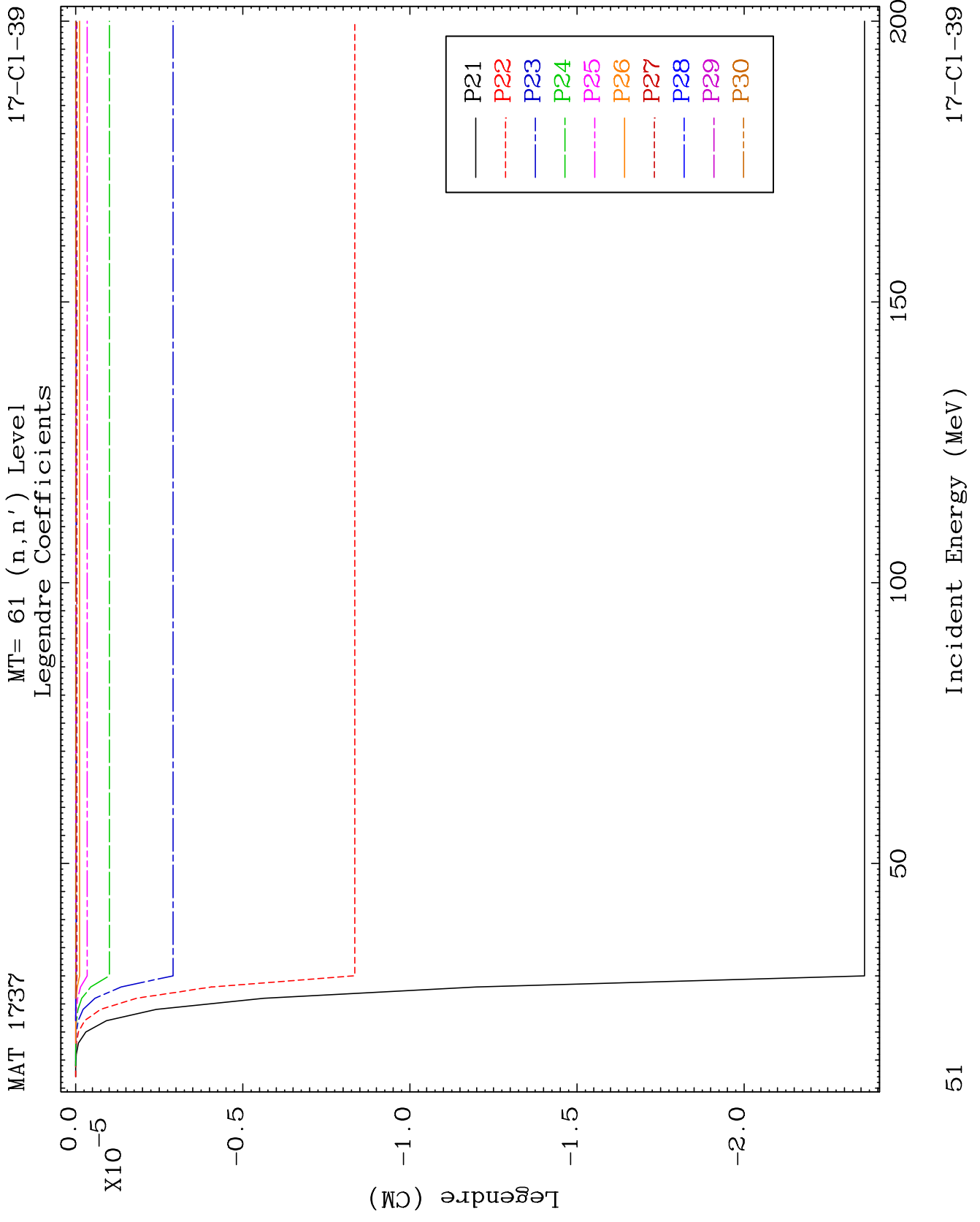
17-C1-39

MAT 1737

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

17-Cl-39

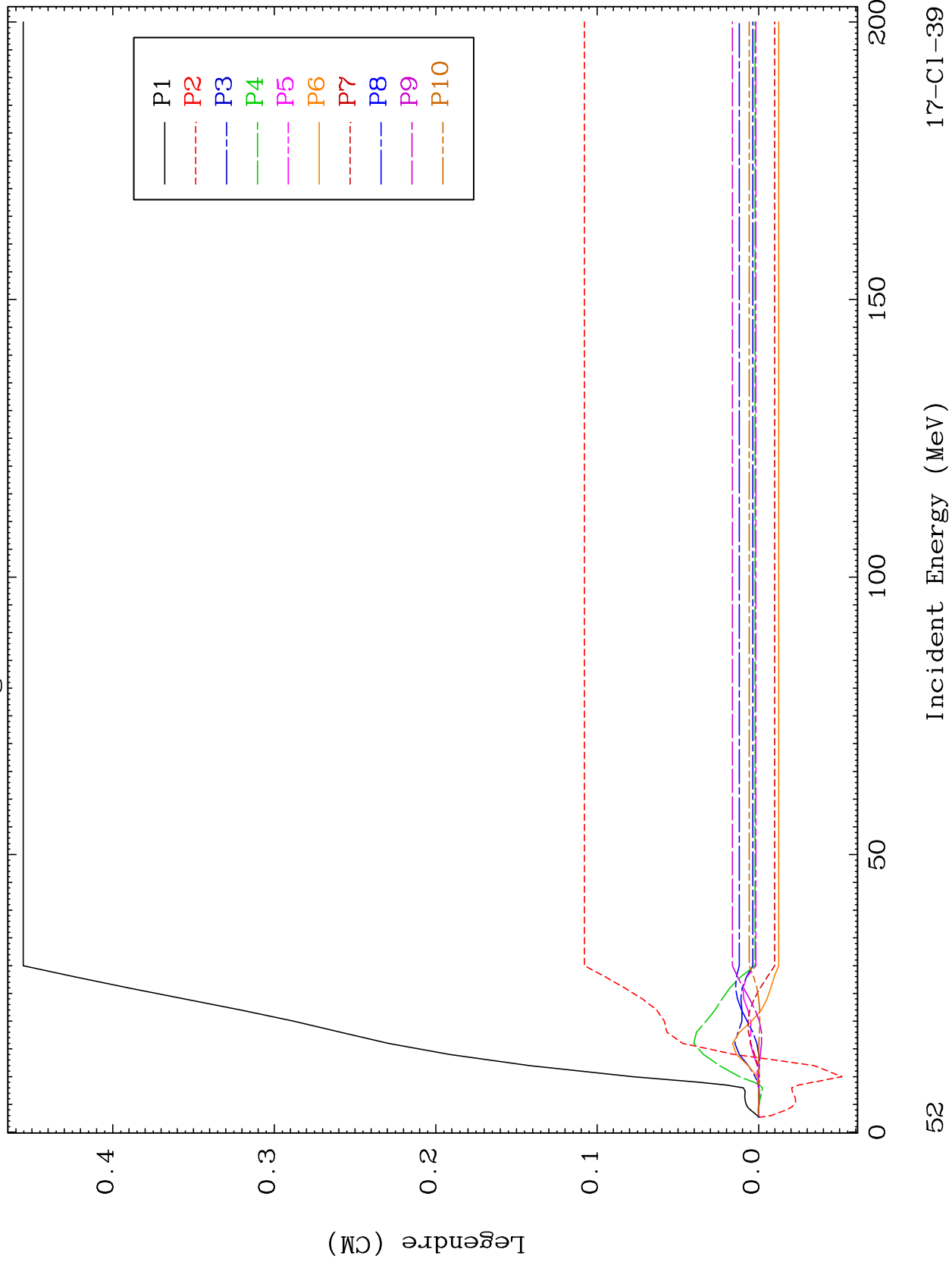




MAT 1737

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

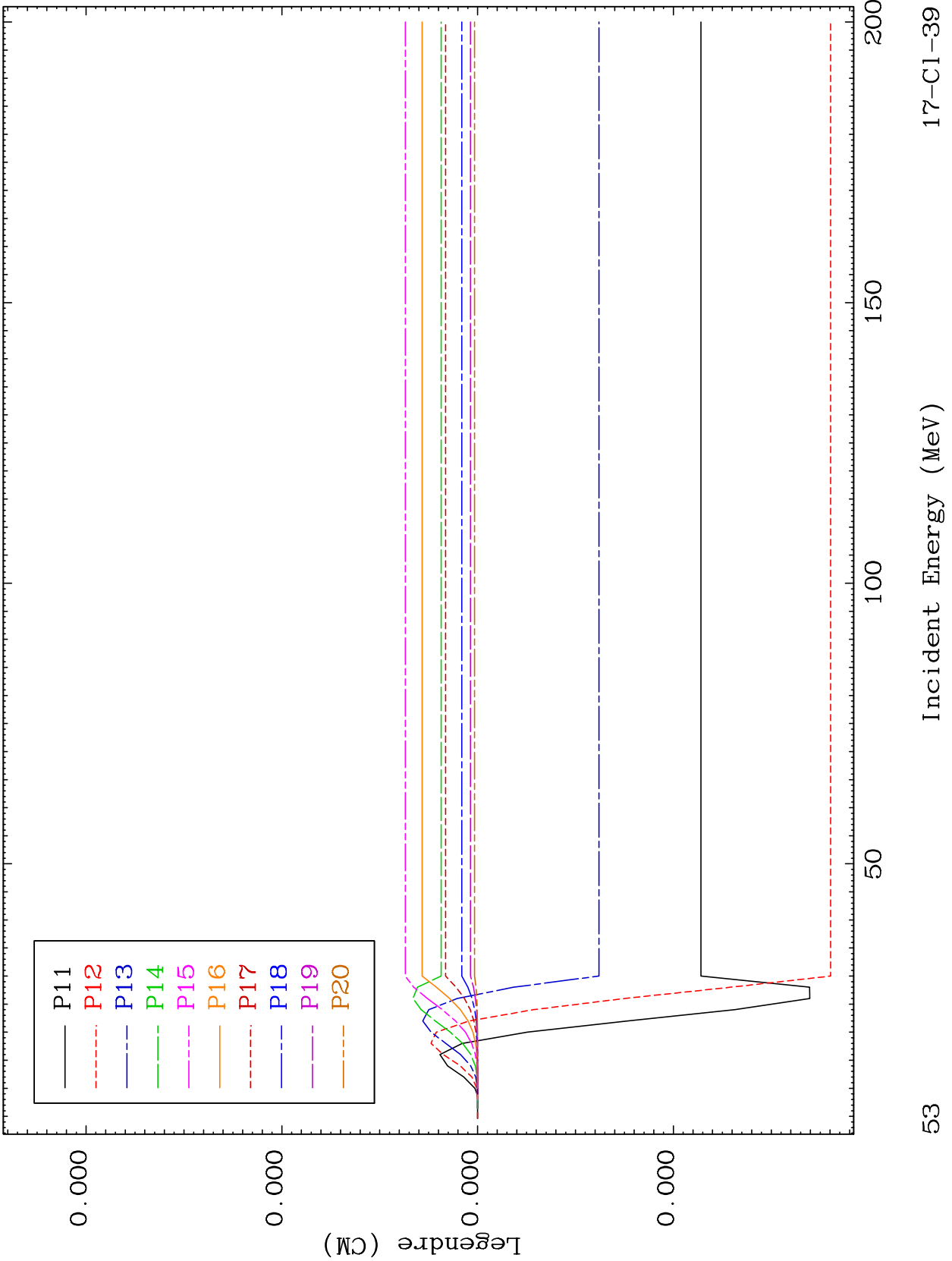
17-Cl-39



MAT 1737

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

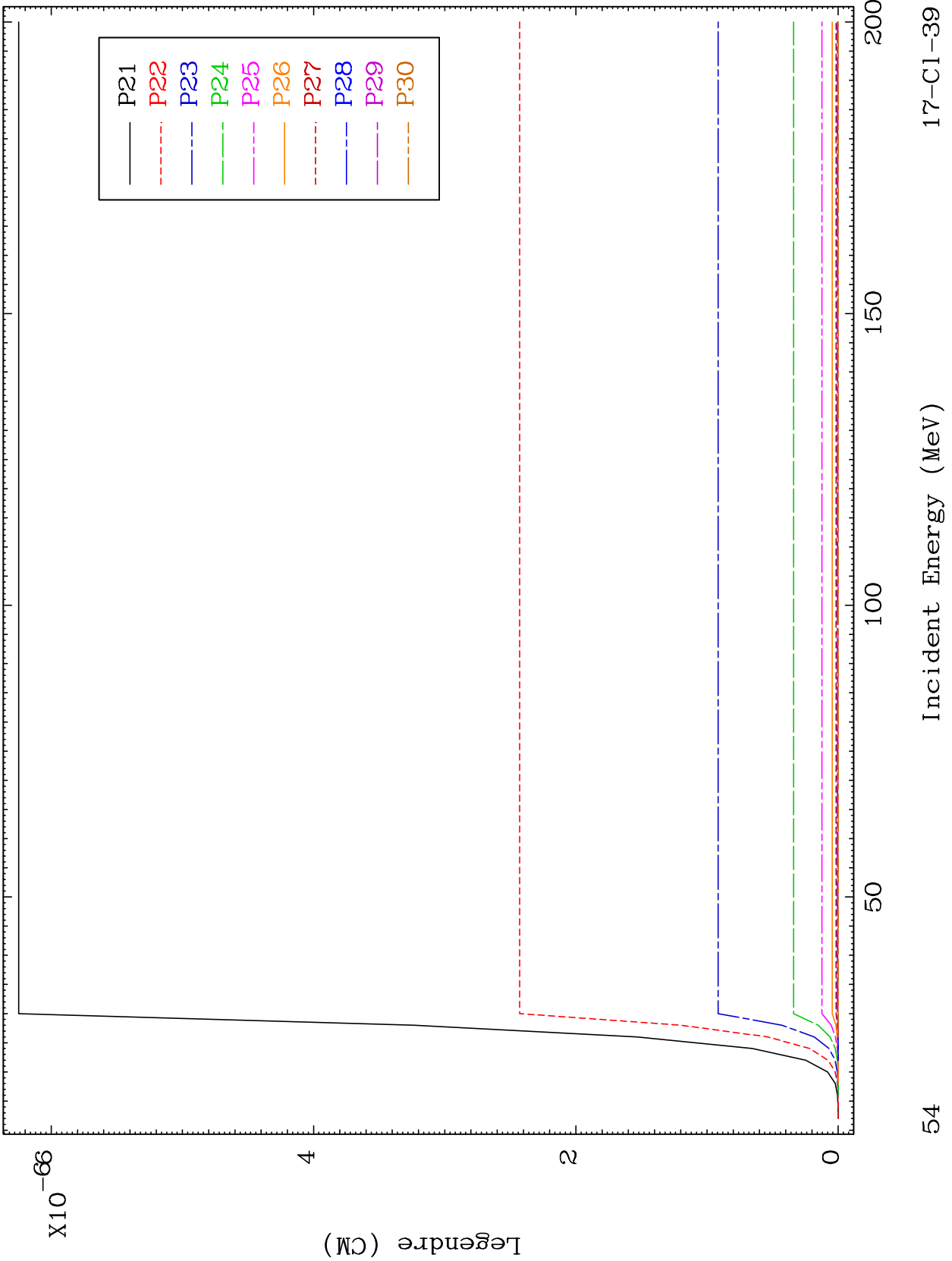
17-Cl-39



MAT 1737

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

17-Cl-39



54

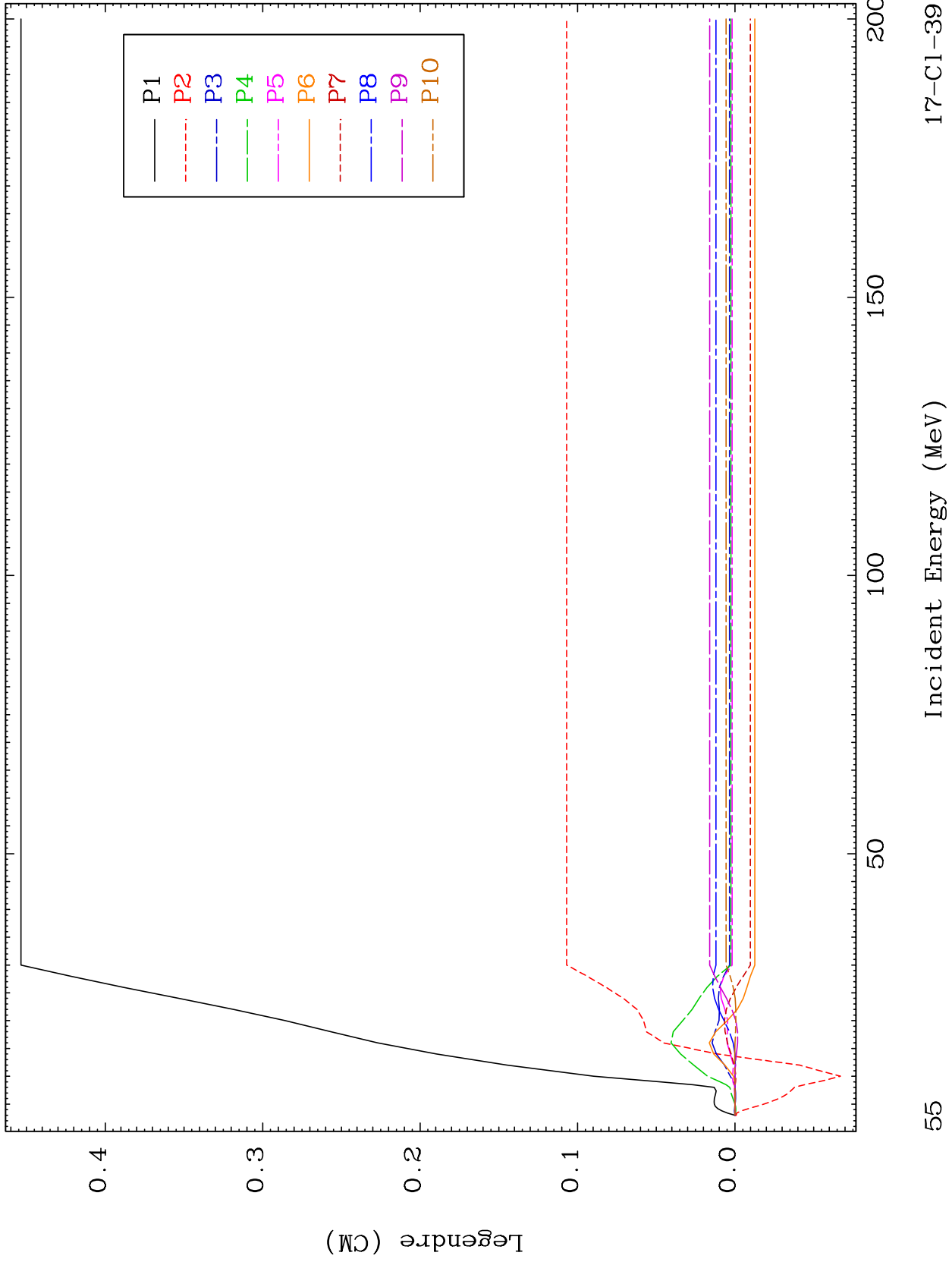
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



55

Incident Energy (MeV)

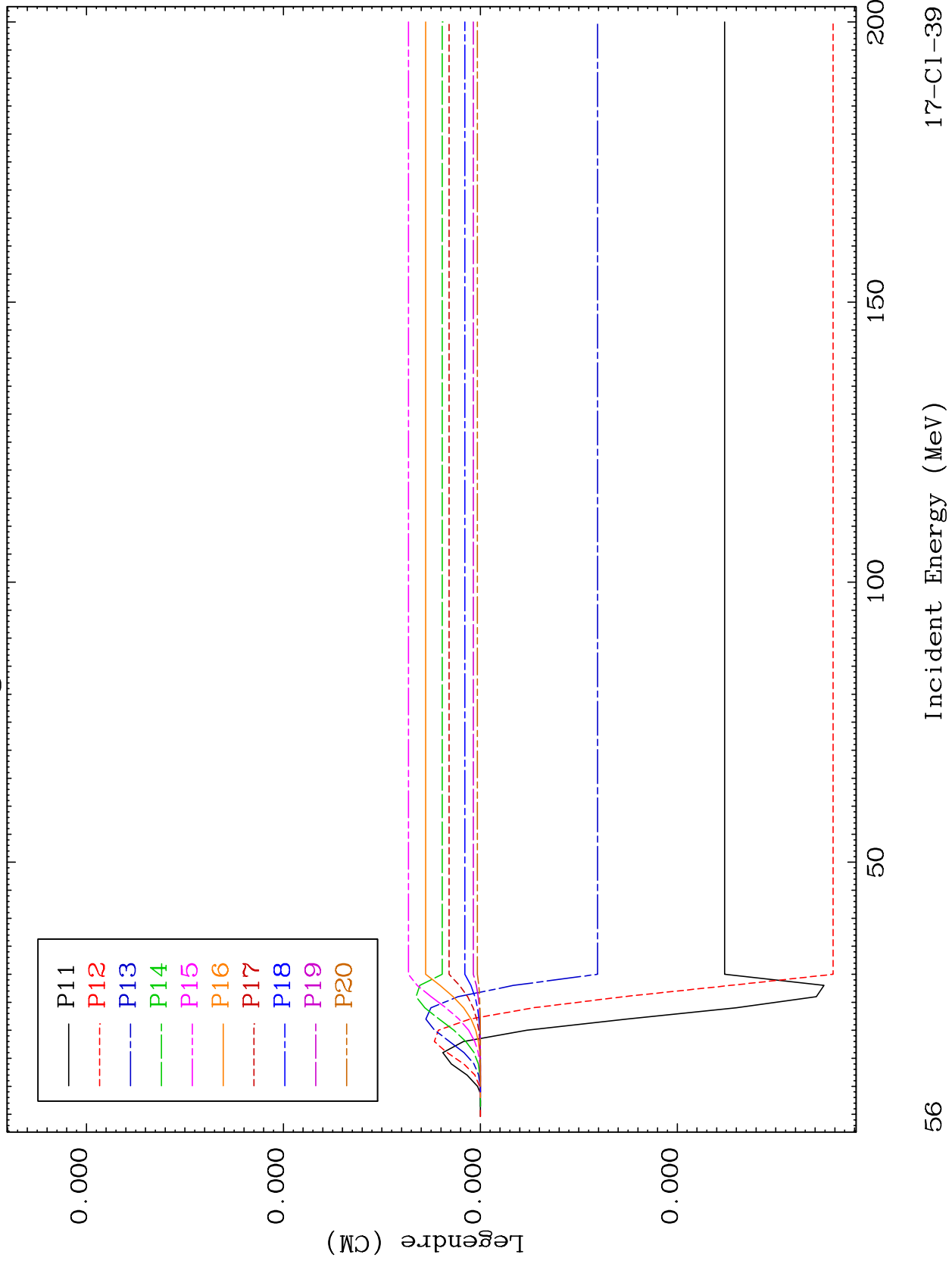
17-Cl-39



MAT 1737

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

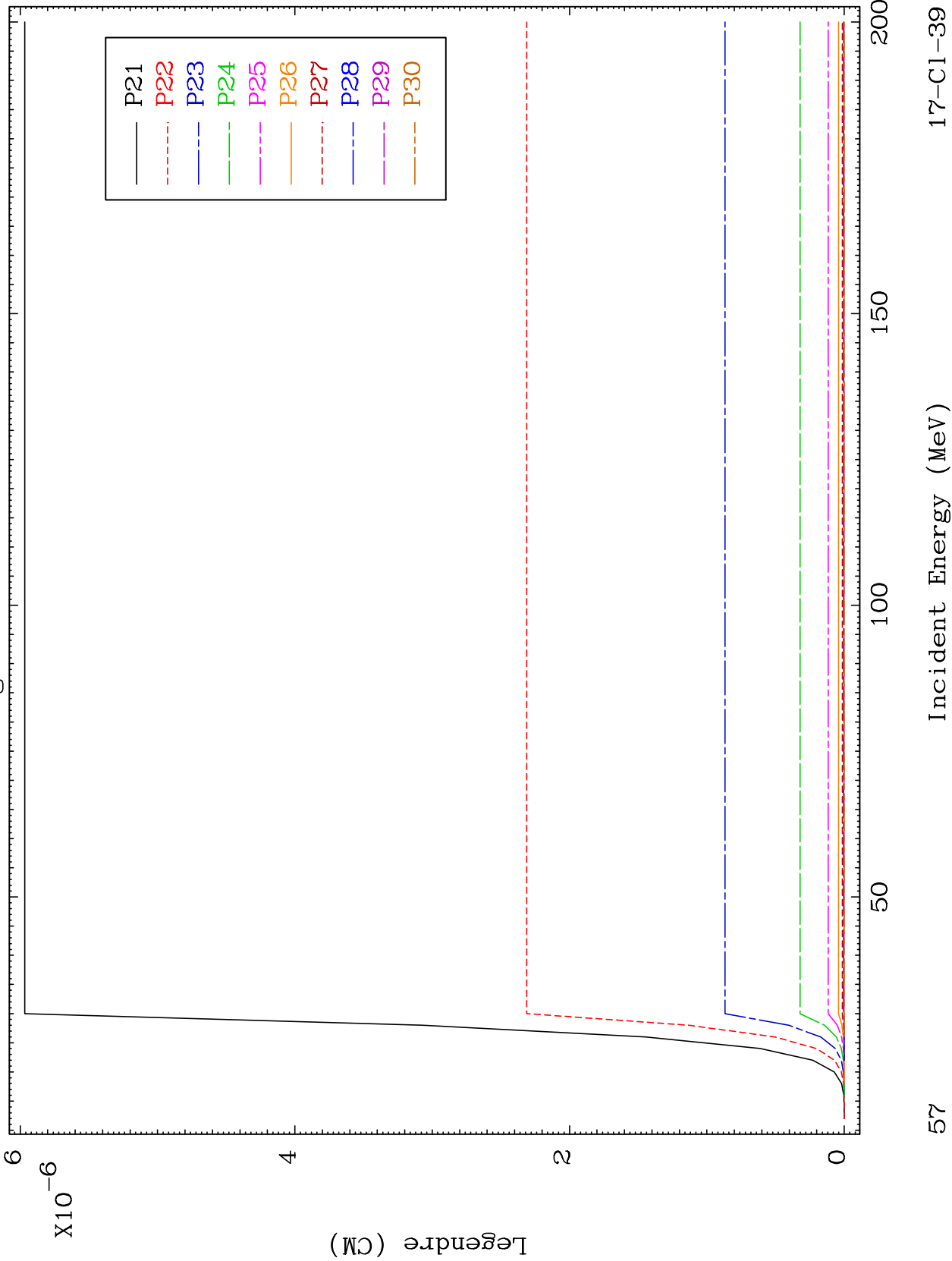
17-Cl-39



MAT 1737

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

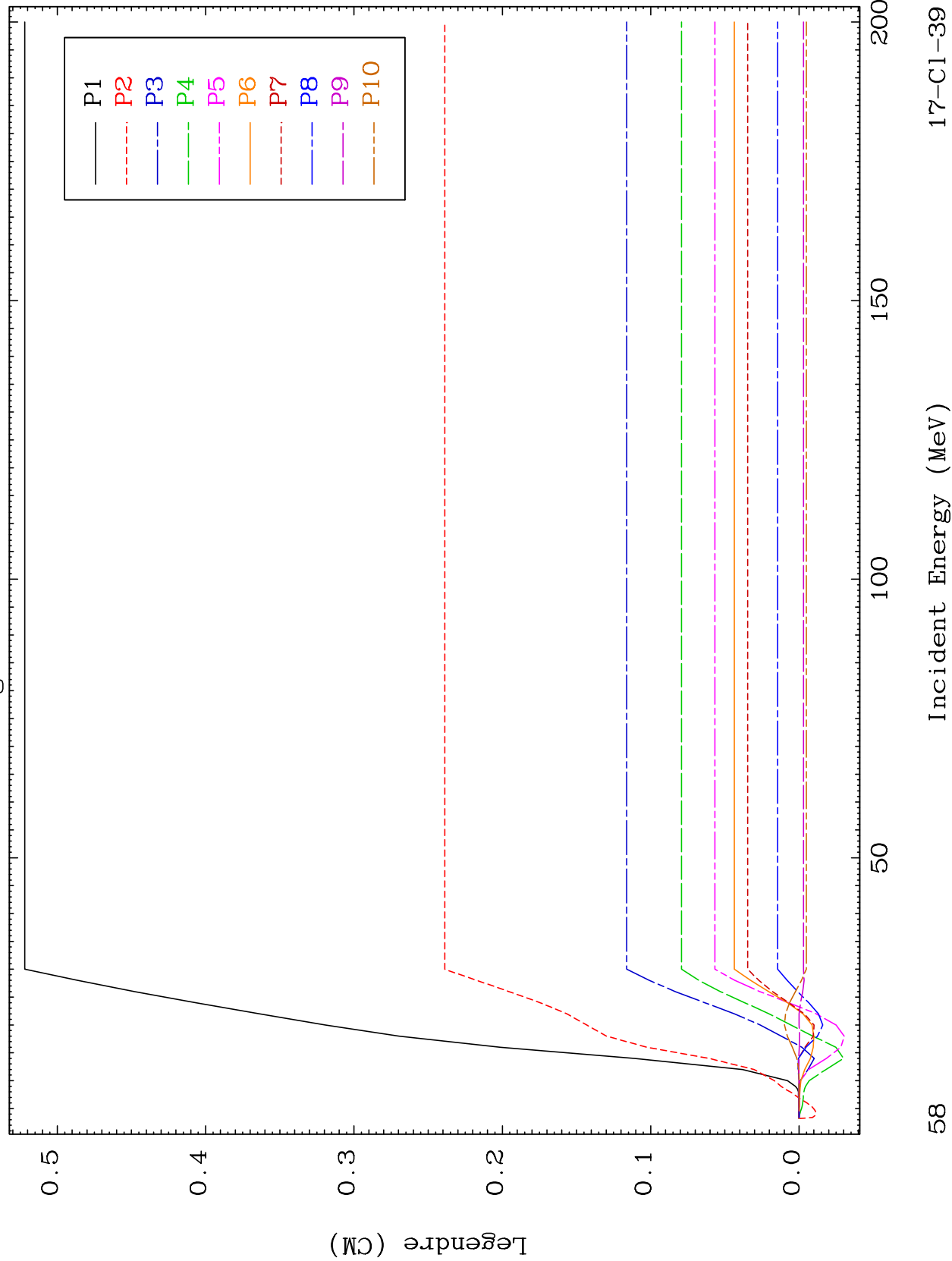
17-Cl-39

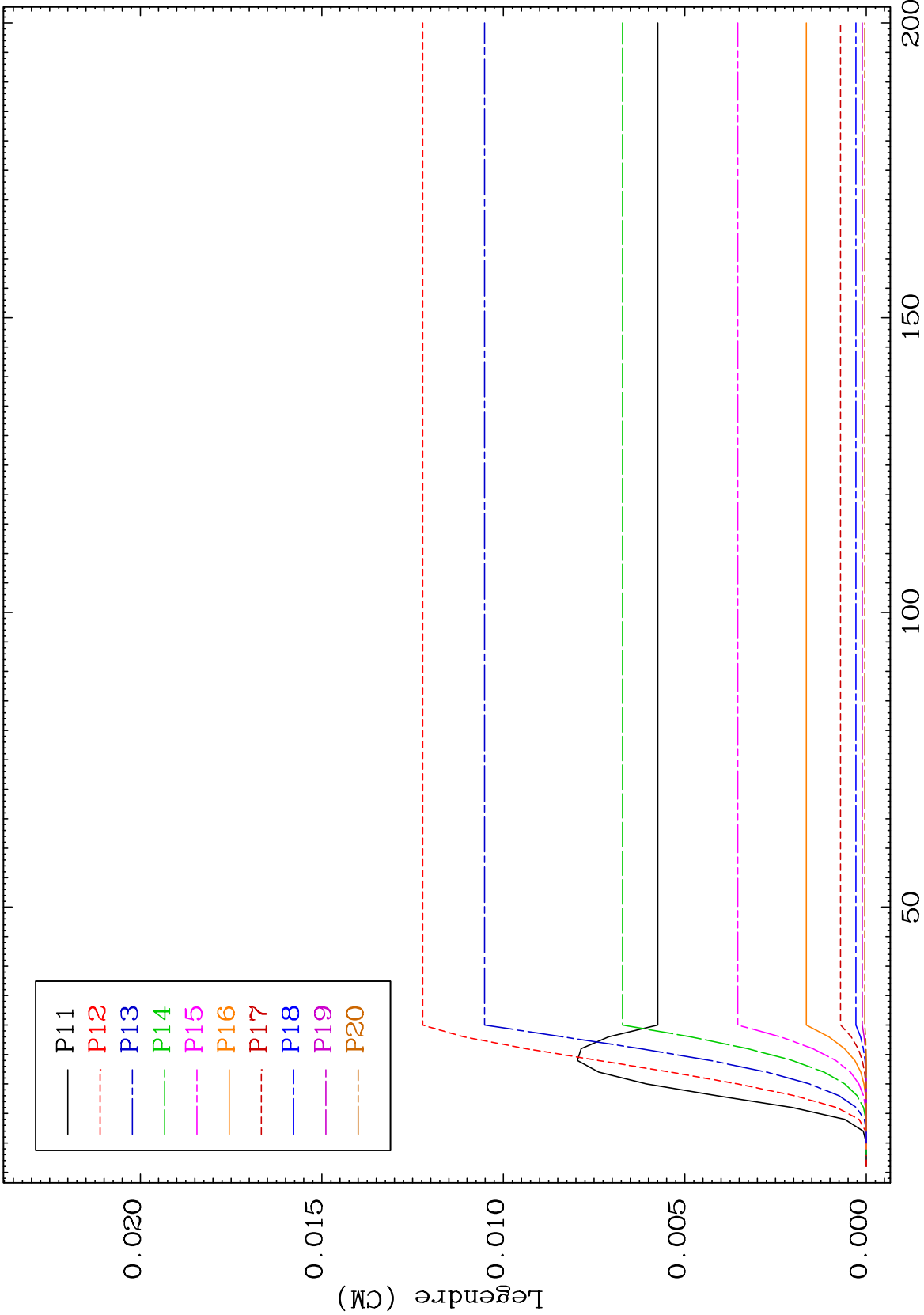


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Incident Energy (MeV)

17-Cl-39

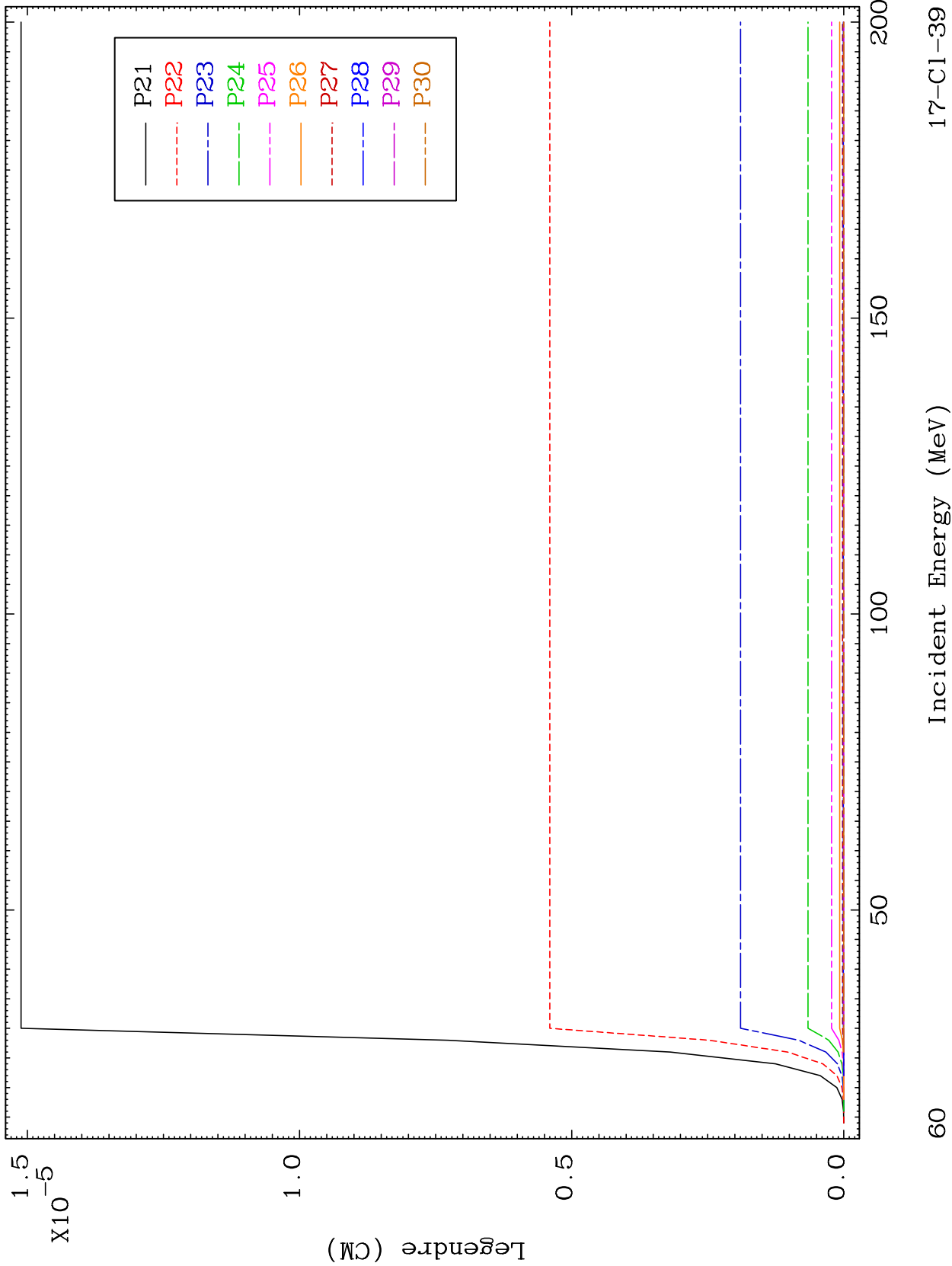




MAT 1737

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

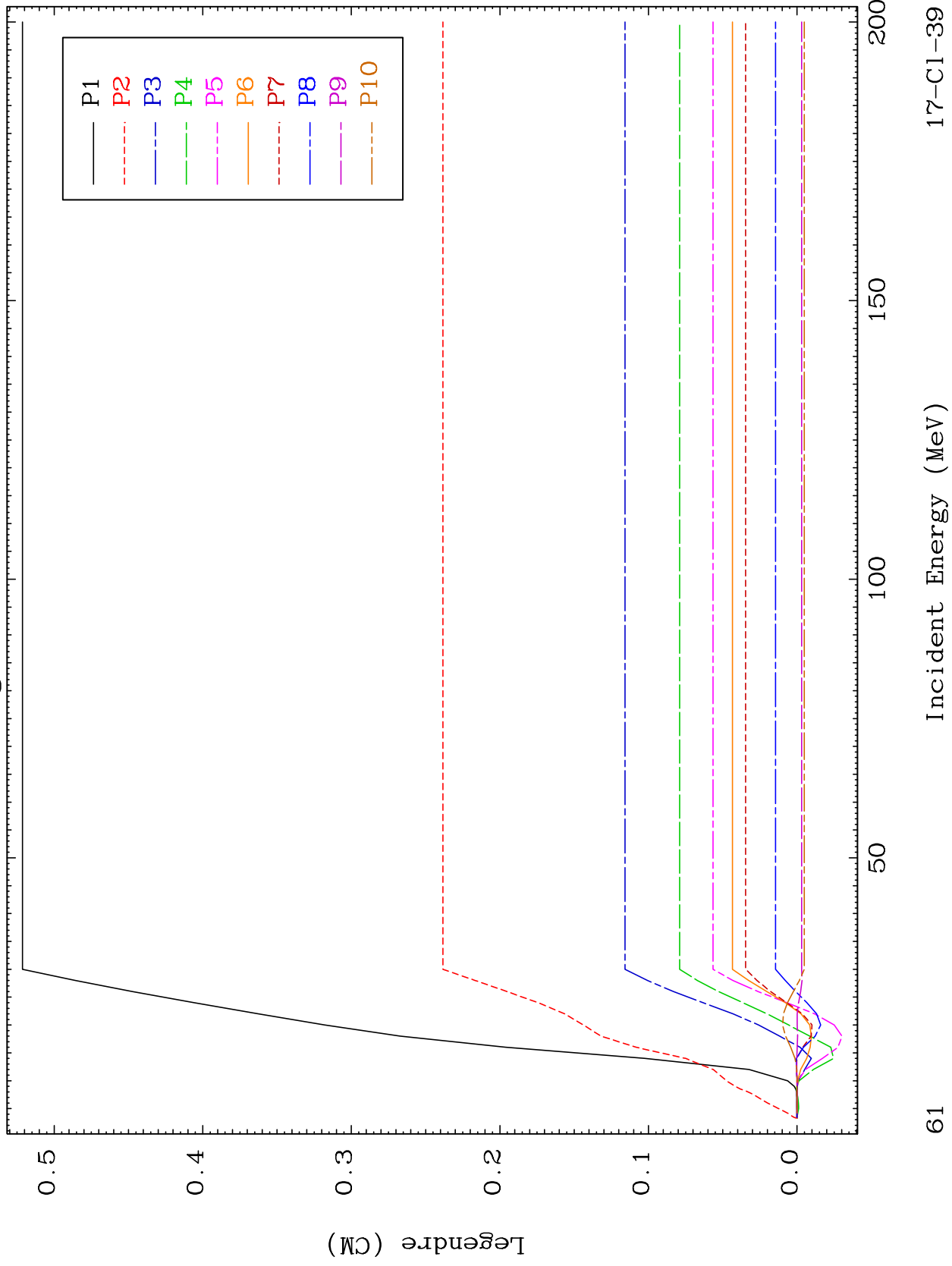
17-Cl-39



MAT 1737

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

17-Cl-39



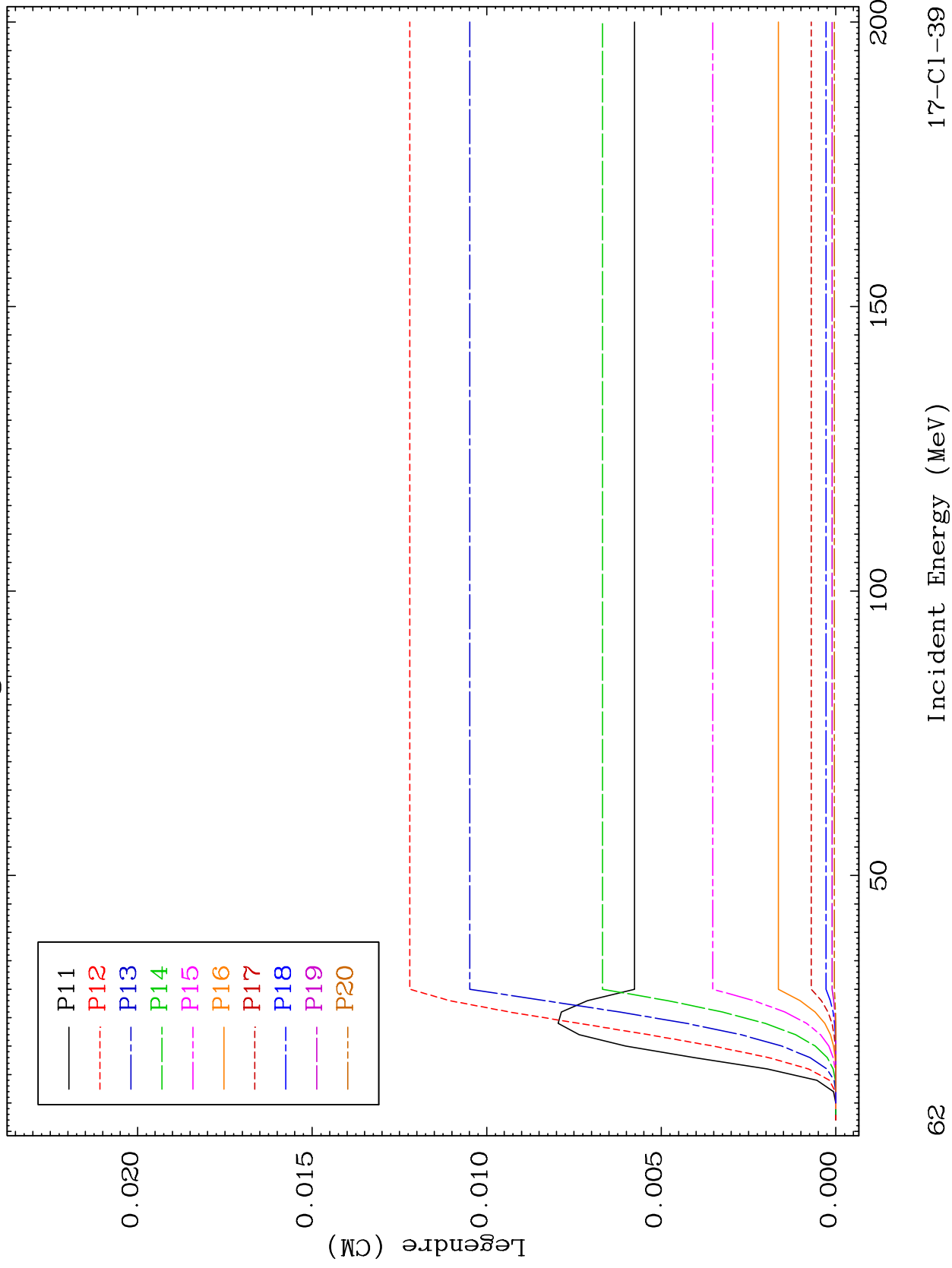
61

17-Cl-39

MAT 1737

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

17-Cl-39



62

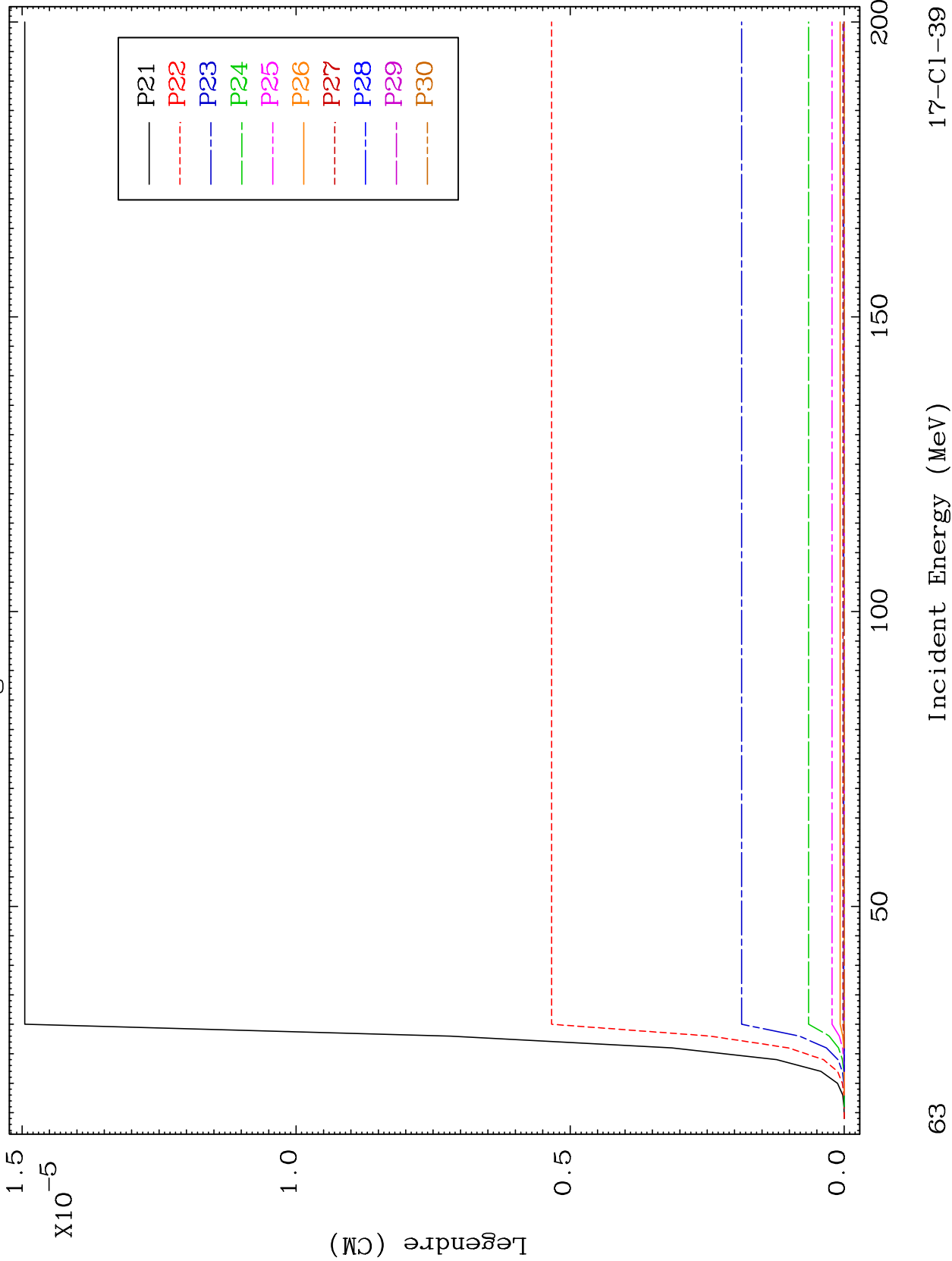
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



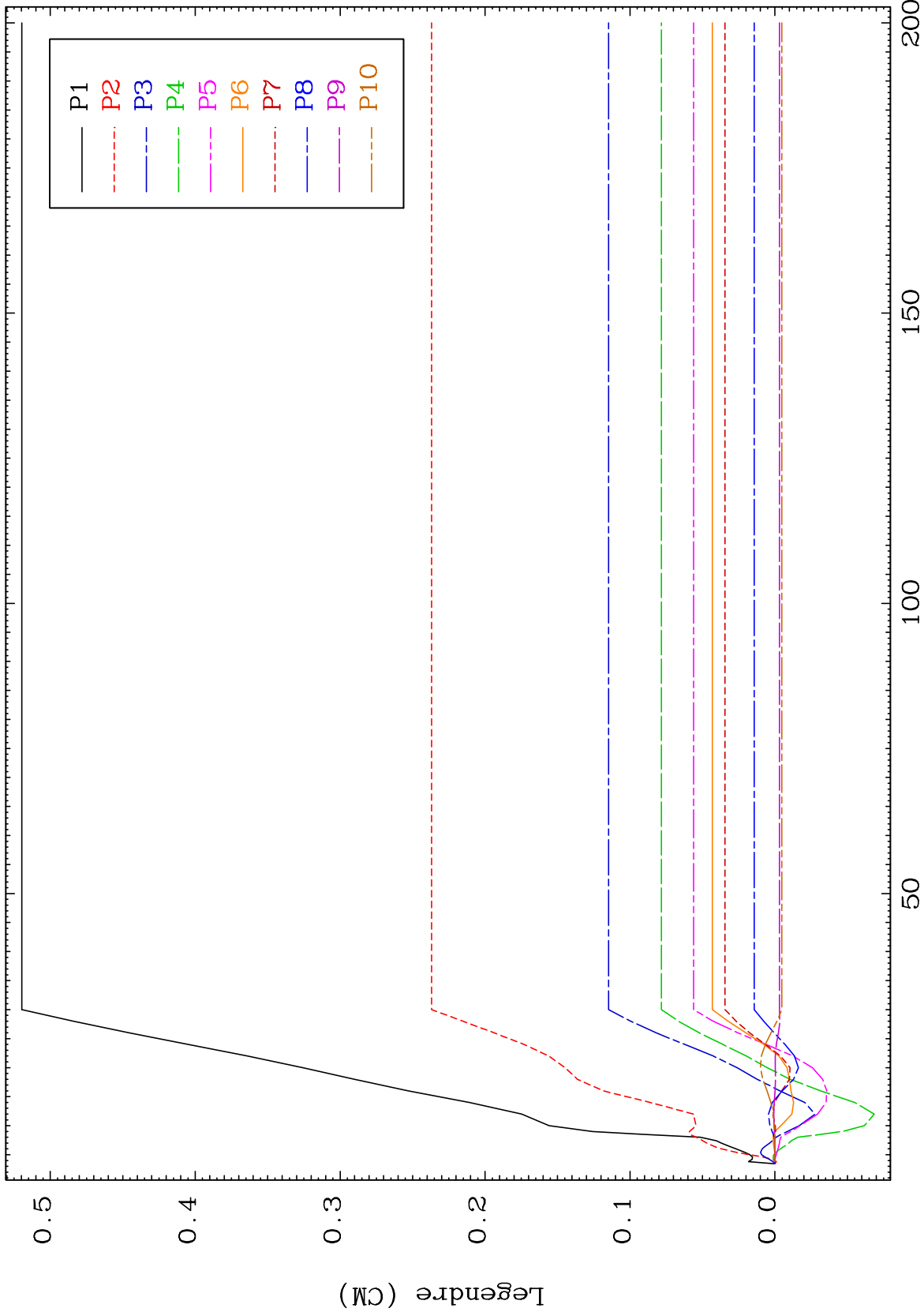
63



MAT 1737

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

17-Cl-39



64

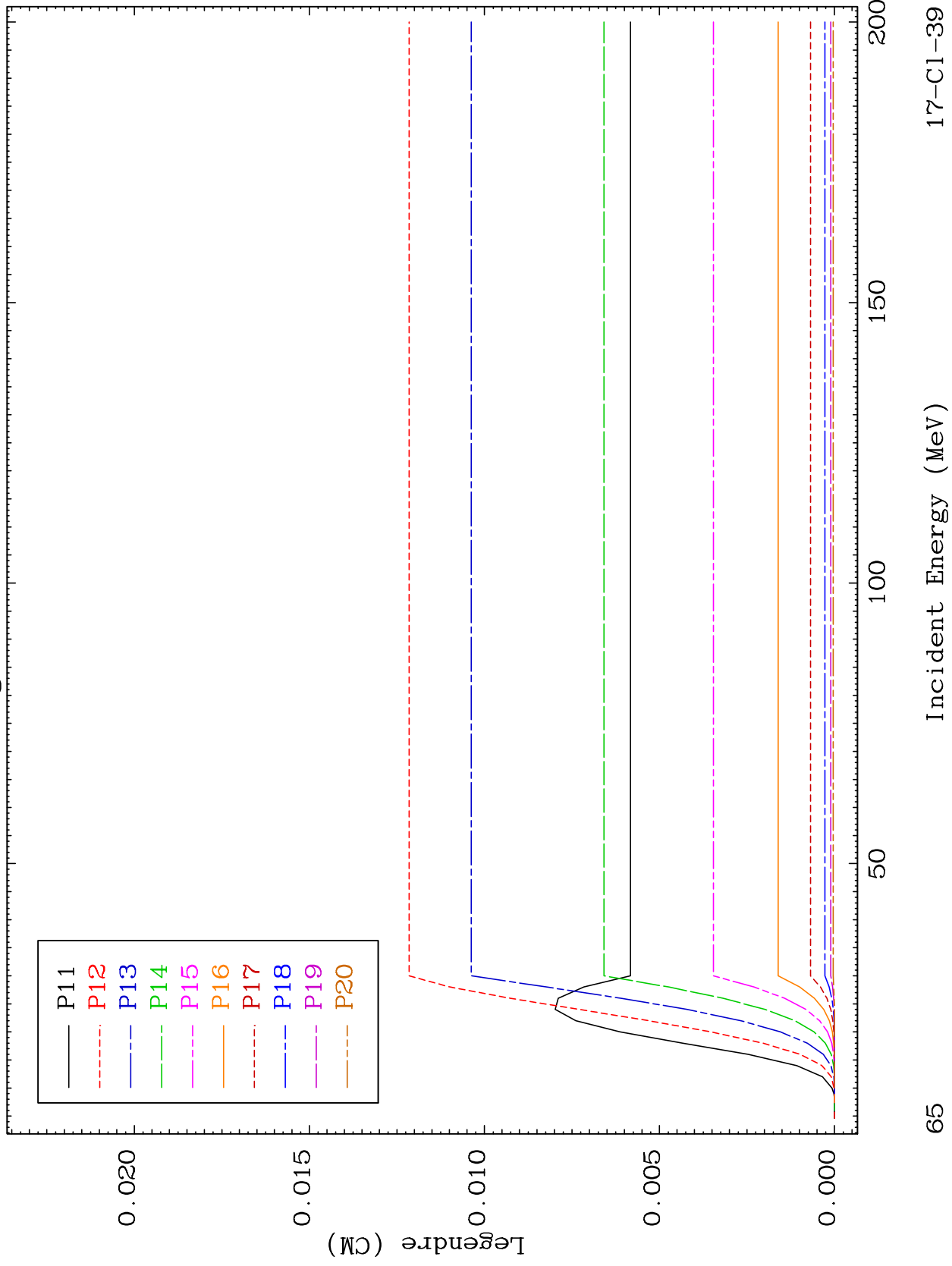
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



65

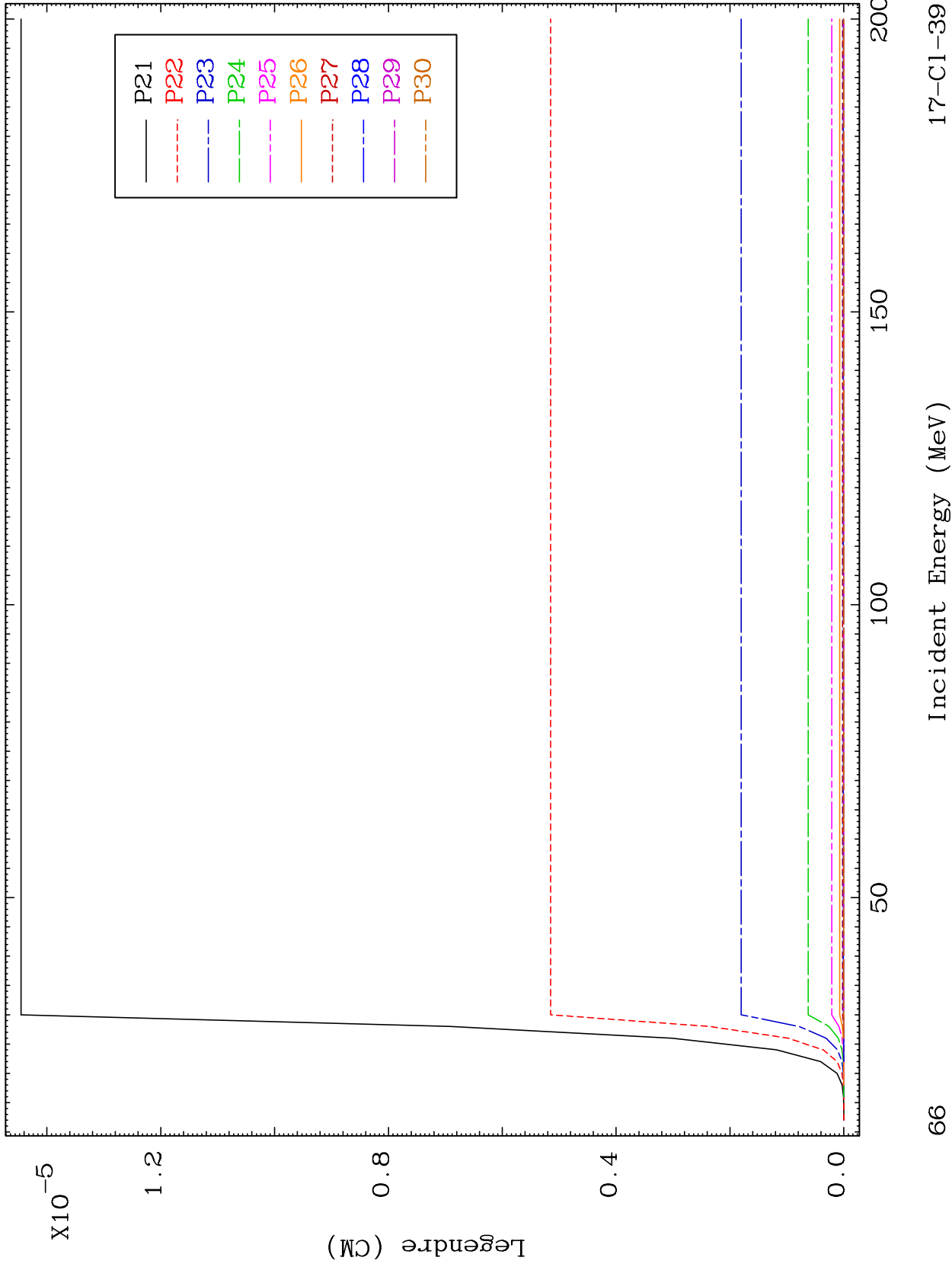
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

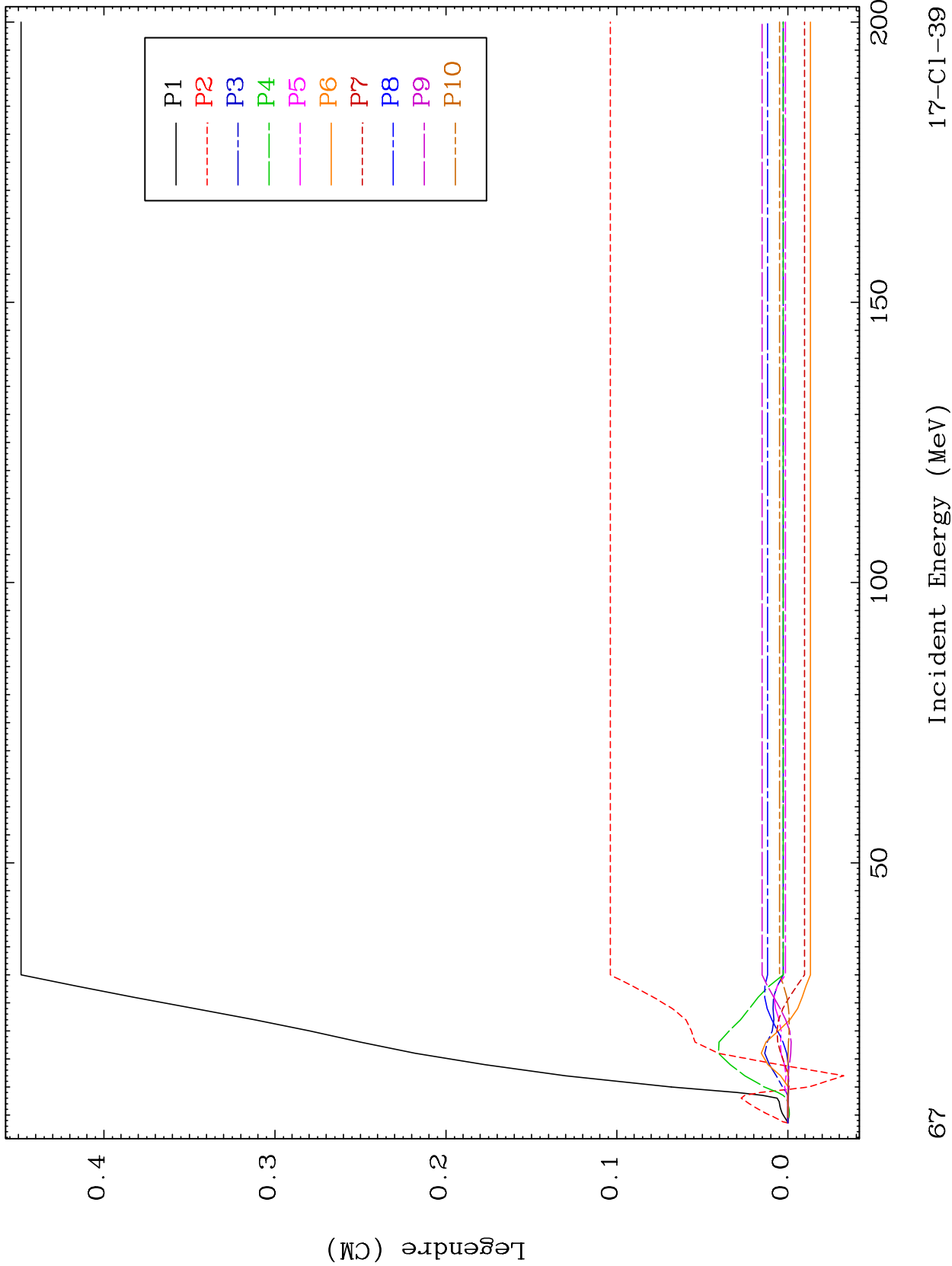
17-Cl-39



MAT 1737

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

17-Cl-39



67

Incident Energy (MeV)

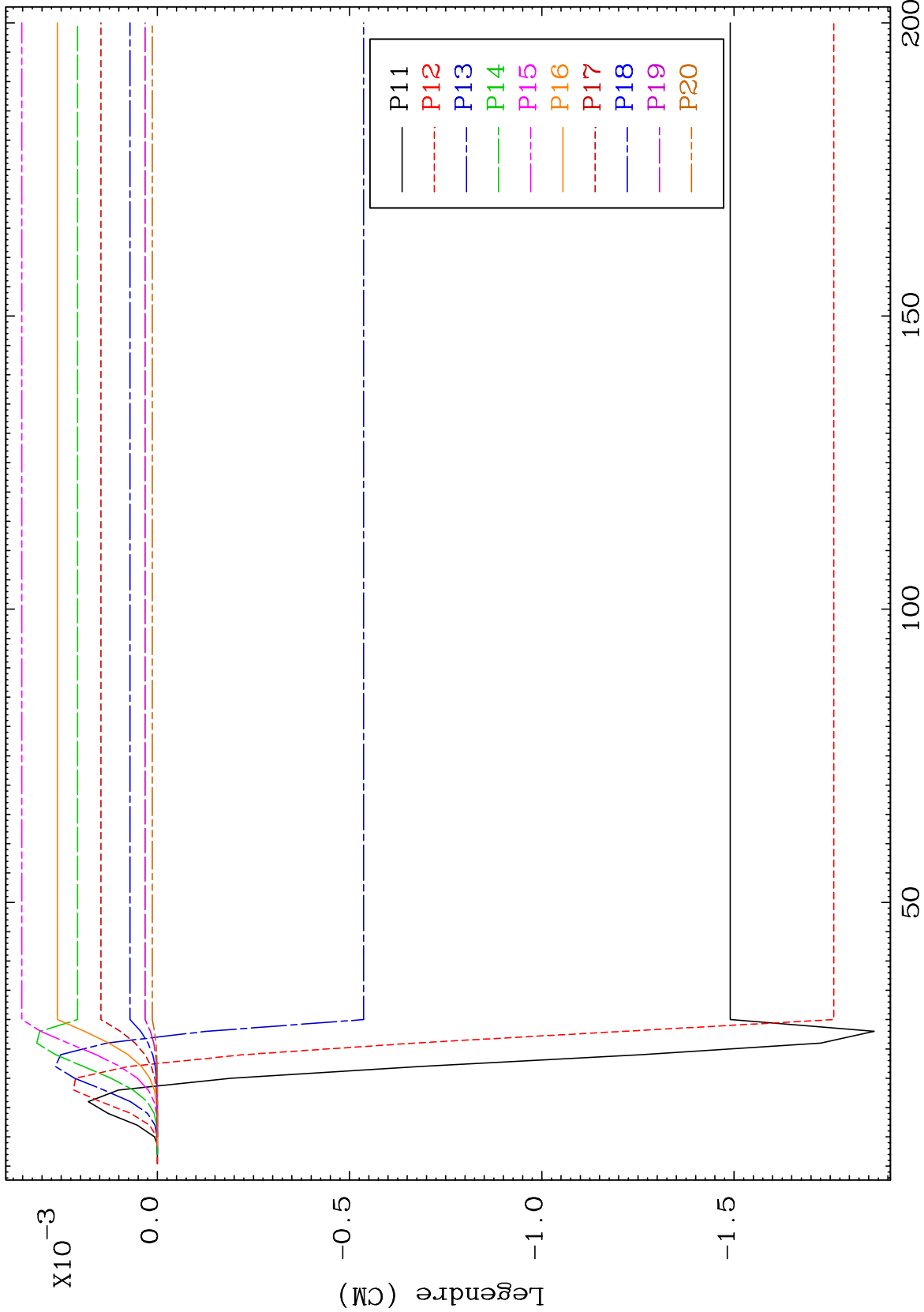
17-Cl-39

MAT 1737

MT= 67 (n,n') Level

17-Cl-39

Legendre Coefficients



68

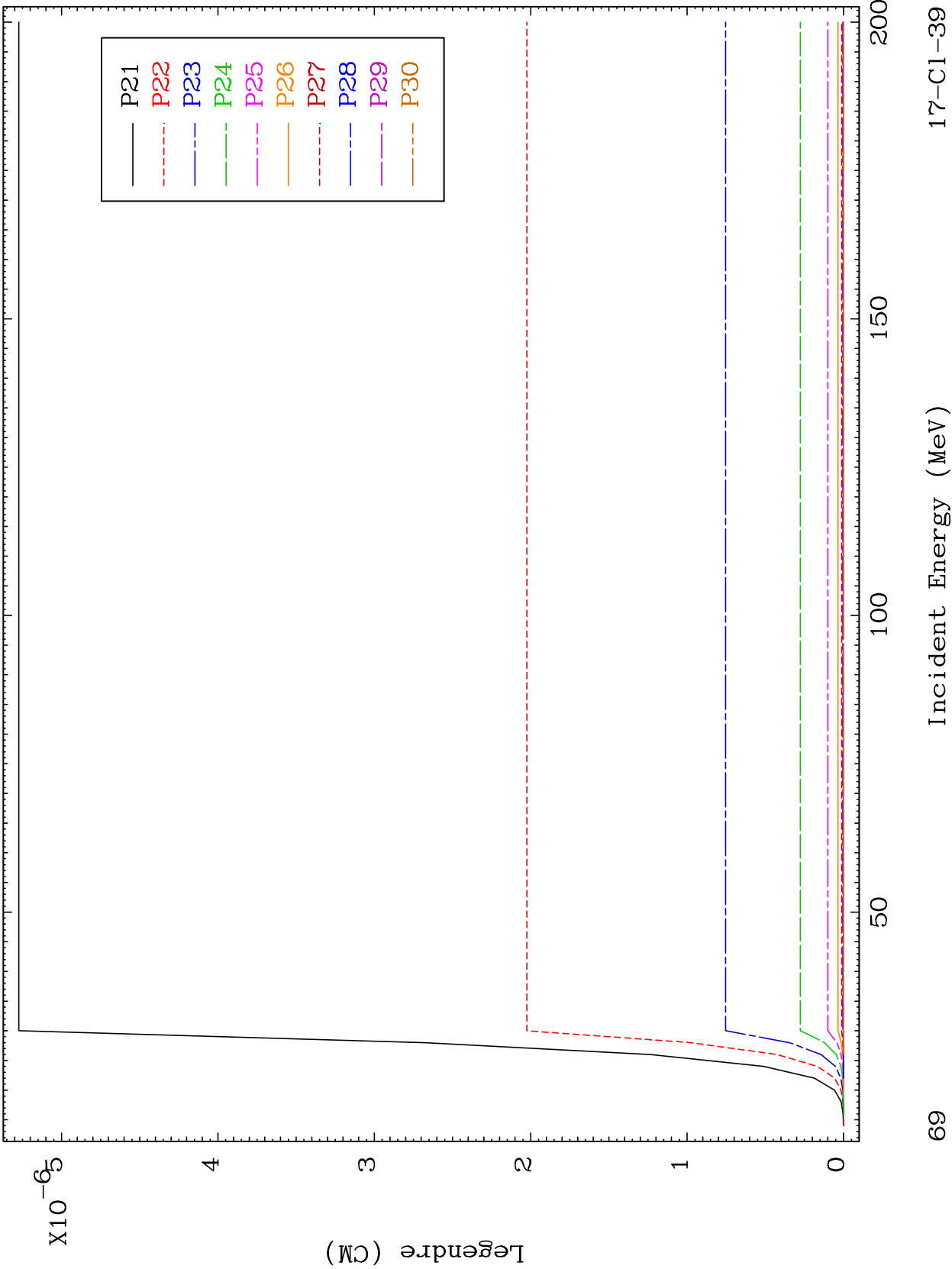
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39

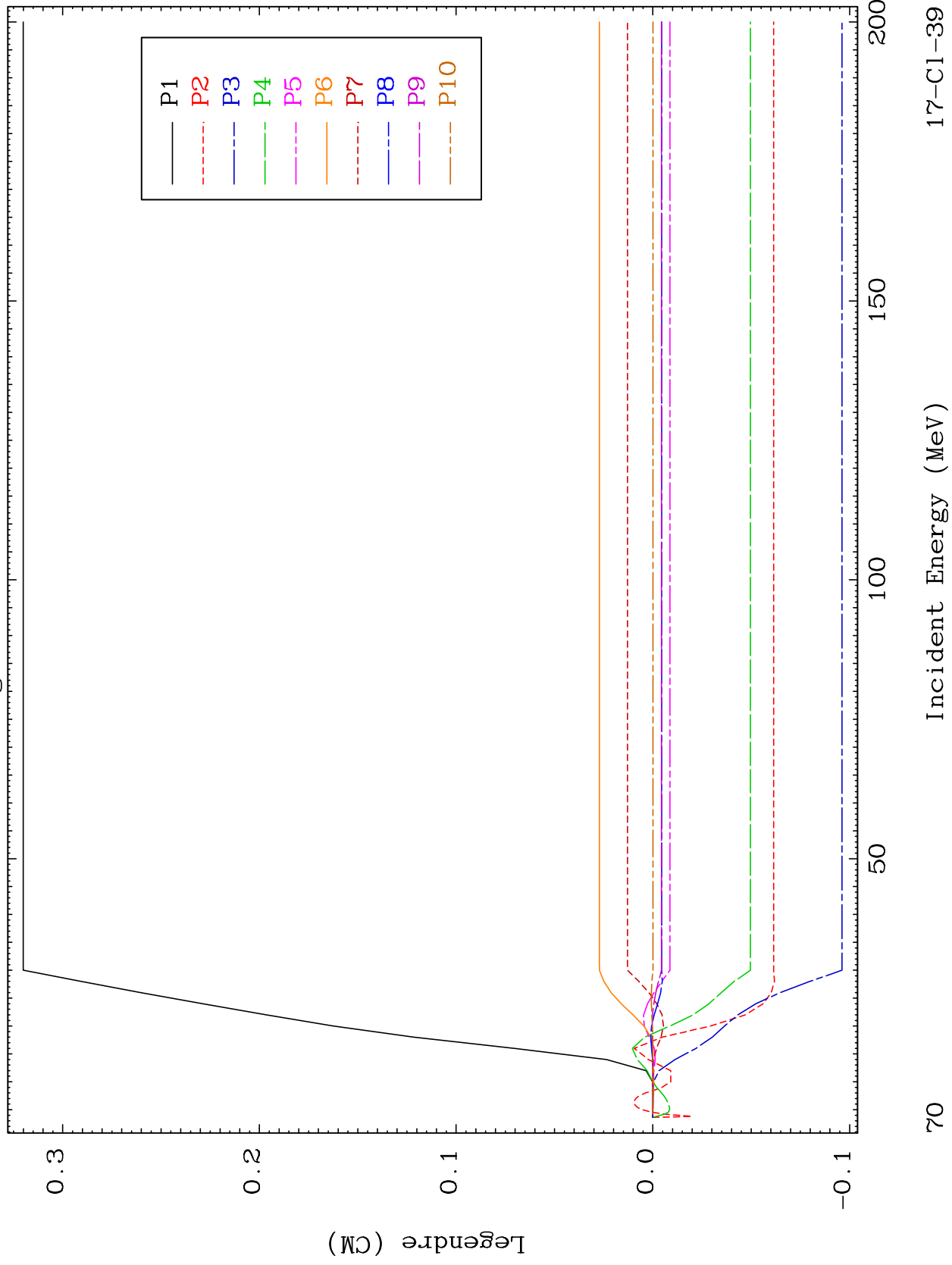


69

MAT 1737

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

17-Cl-39



17-Cl-39

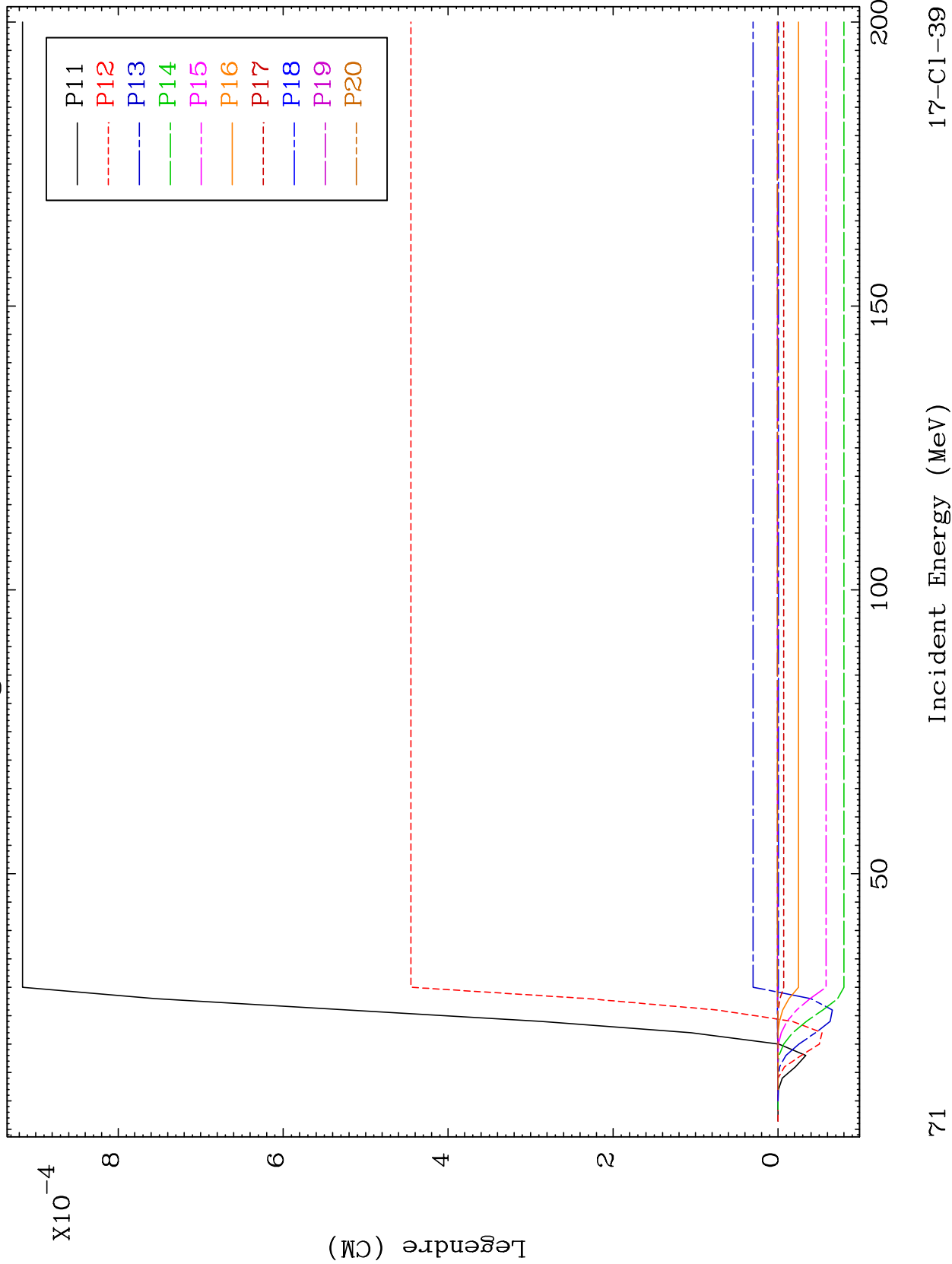
Incident Energy (MeV)

70

MAT 1737

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

17-Cl-39



71

Incident Energy (MeV)

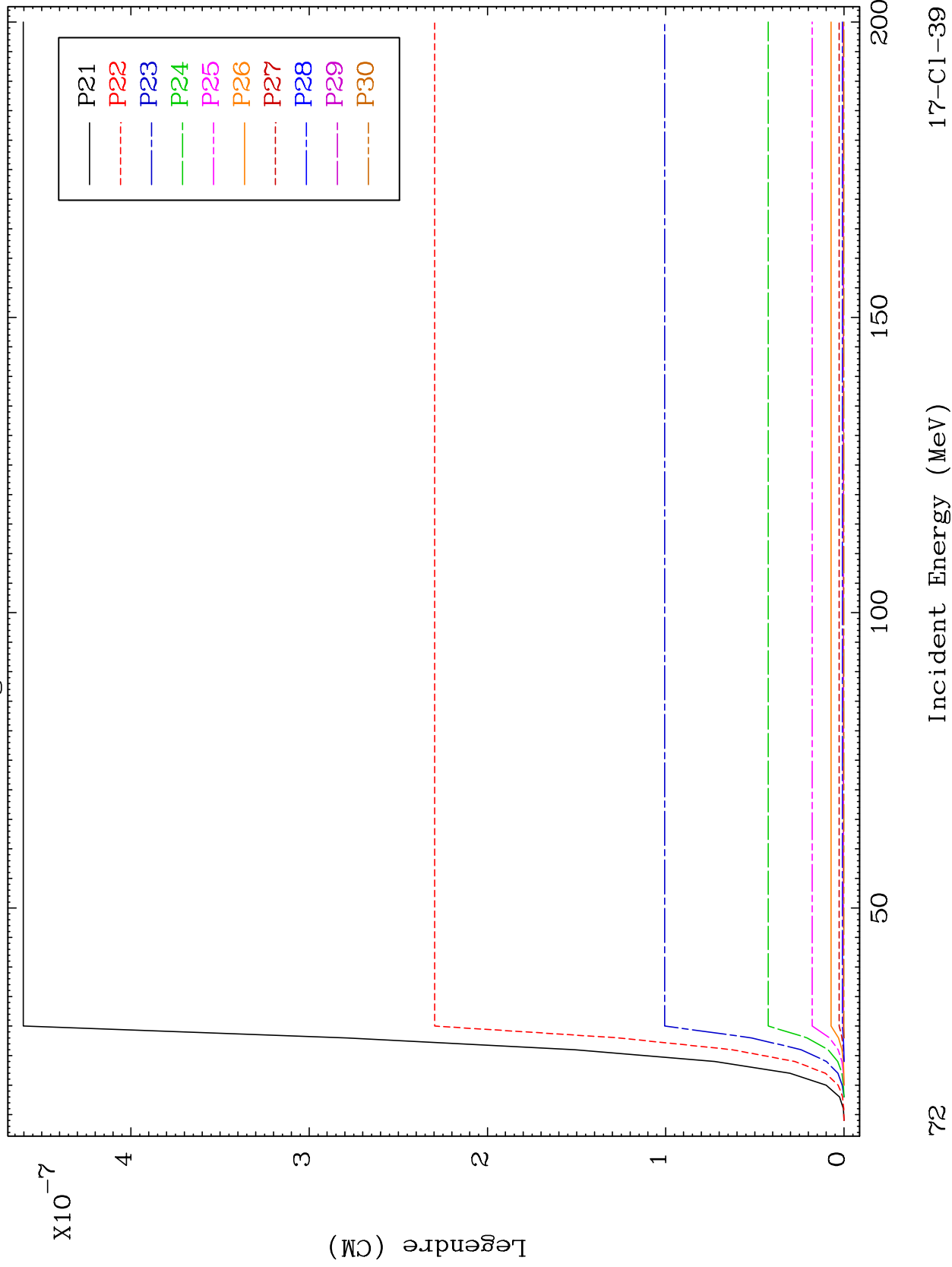
17-Cl-39



MAT 1737

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

17-Cl-39



72

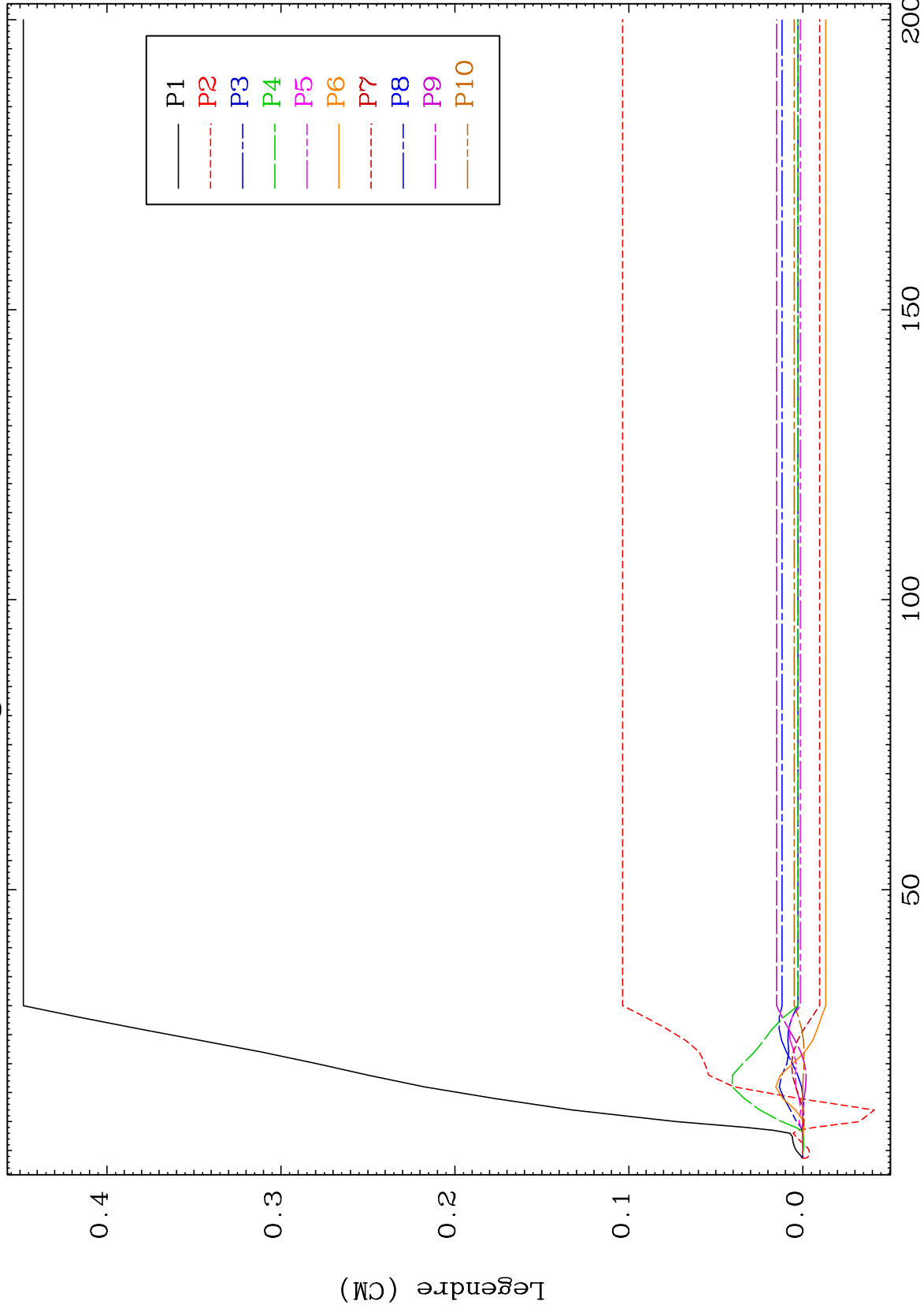
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



73

Incident Energy (MeV)

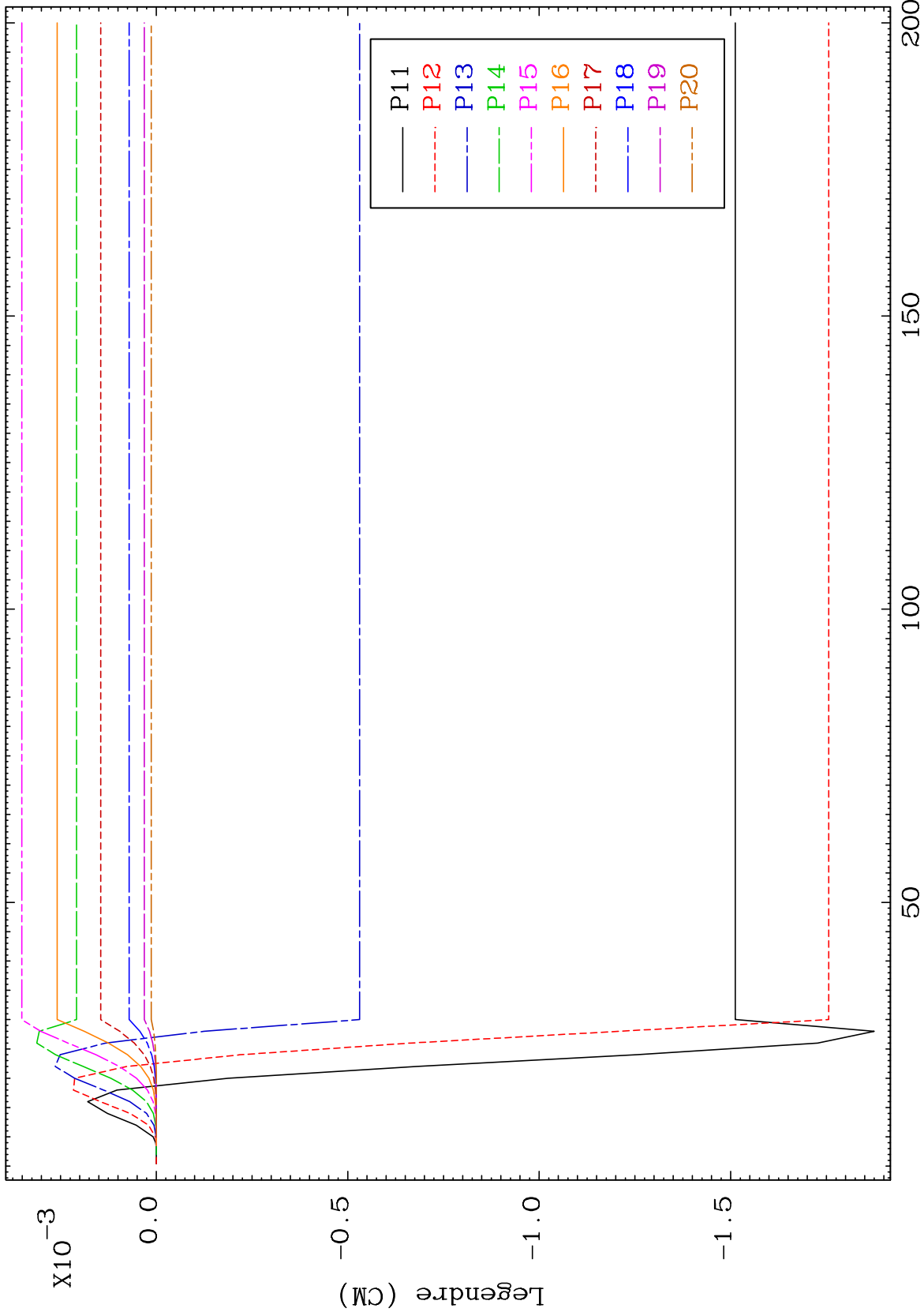
17-Cl-39

MAT 1737

MT= 69 (n,n') Level

17-Cl-39

Legendre Coefficients



74

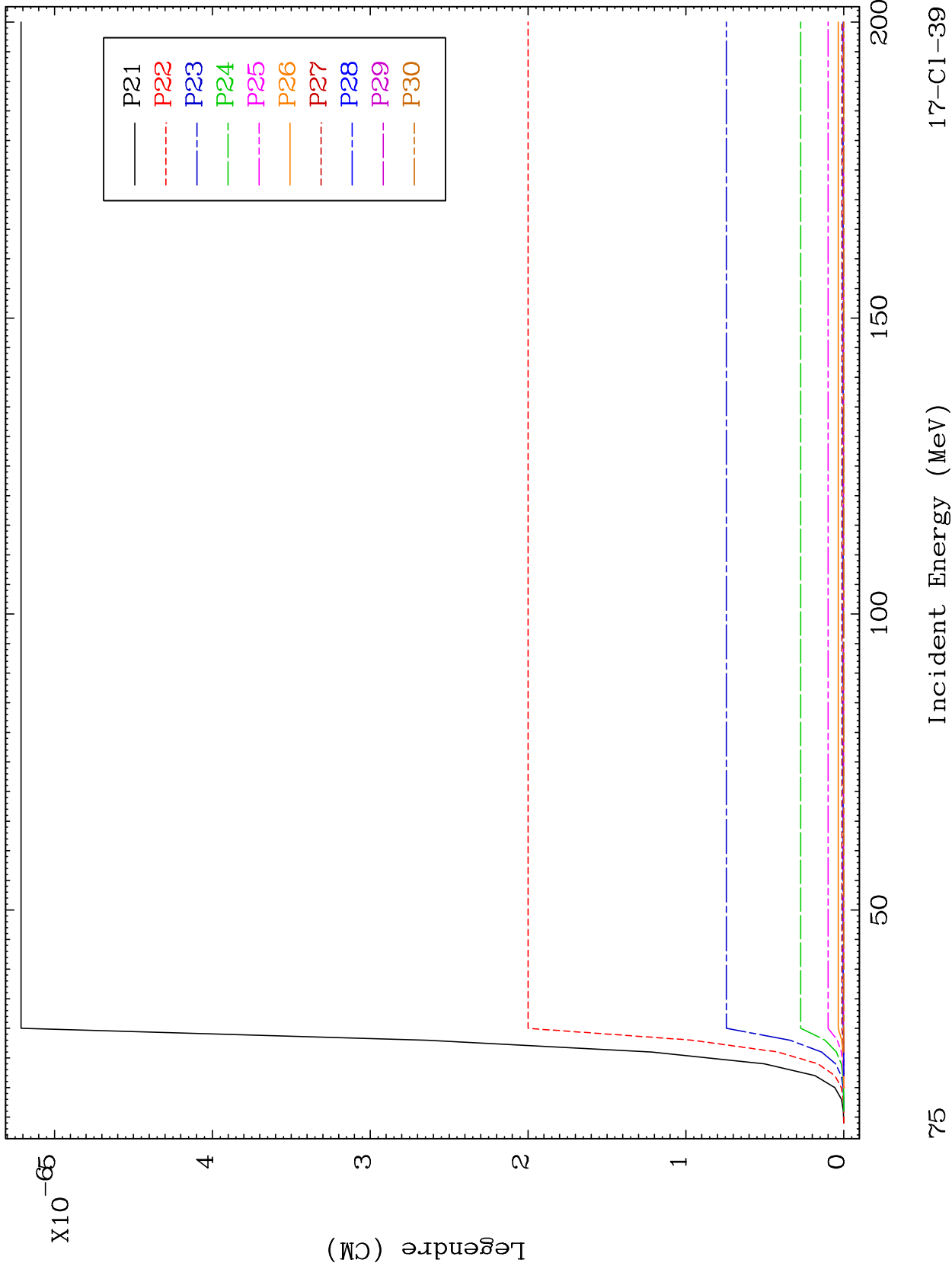
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



75

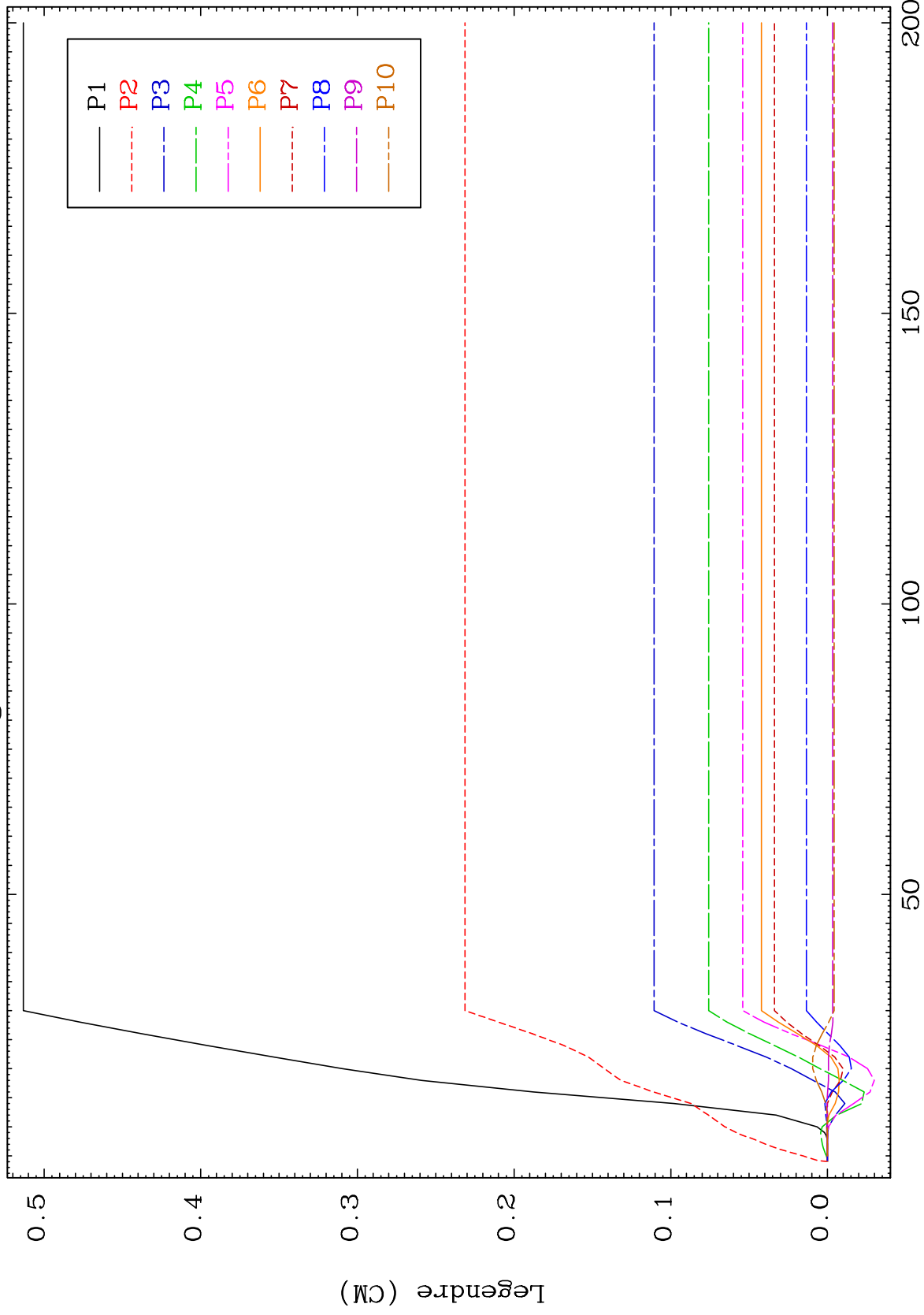
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



76

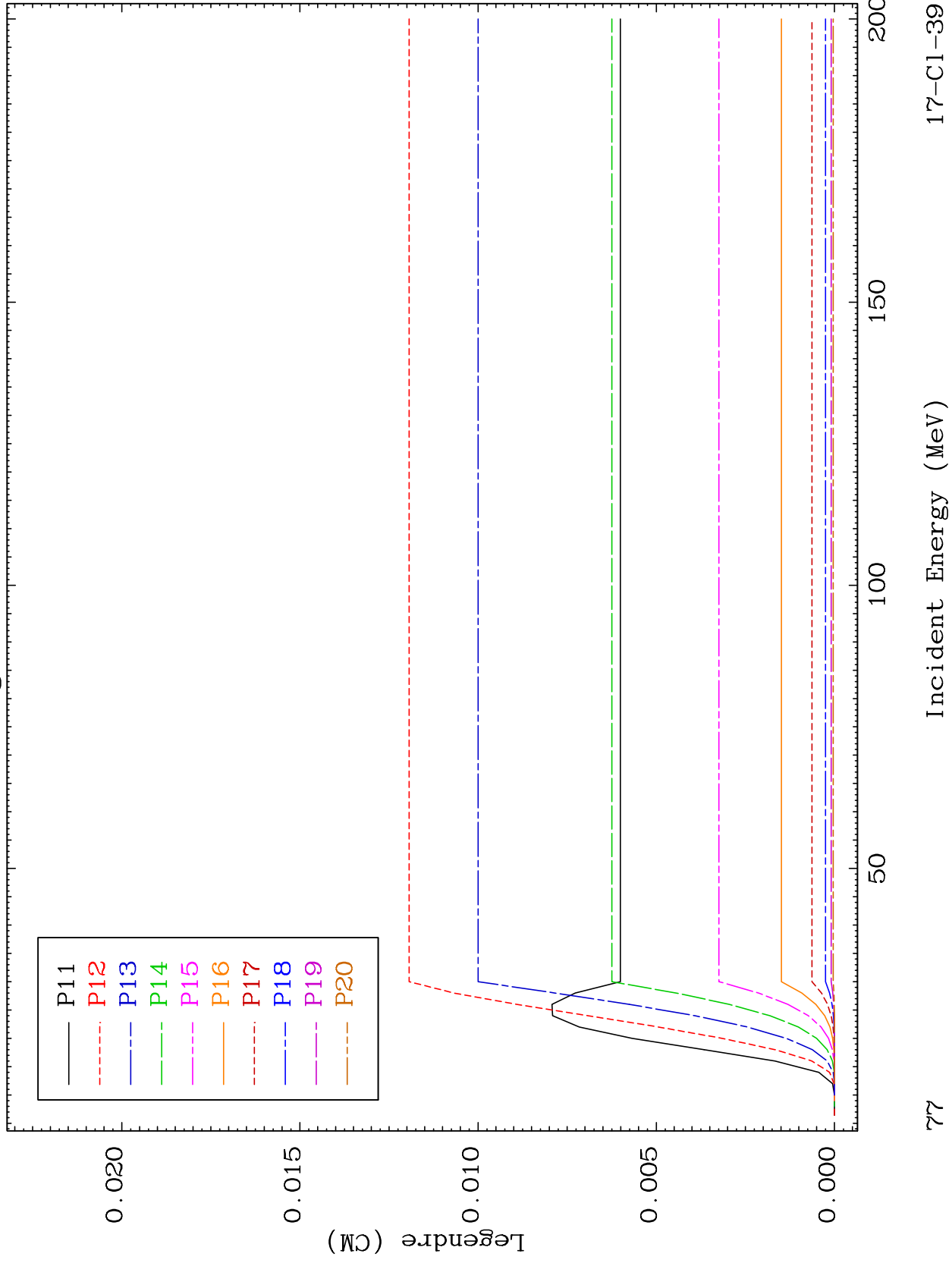
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



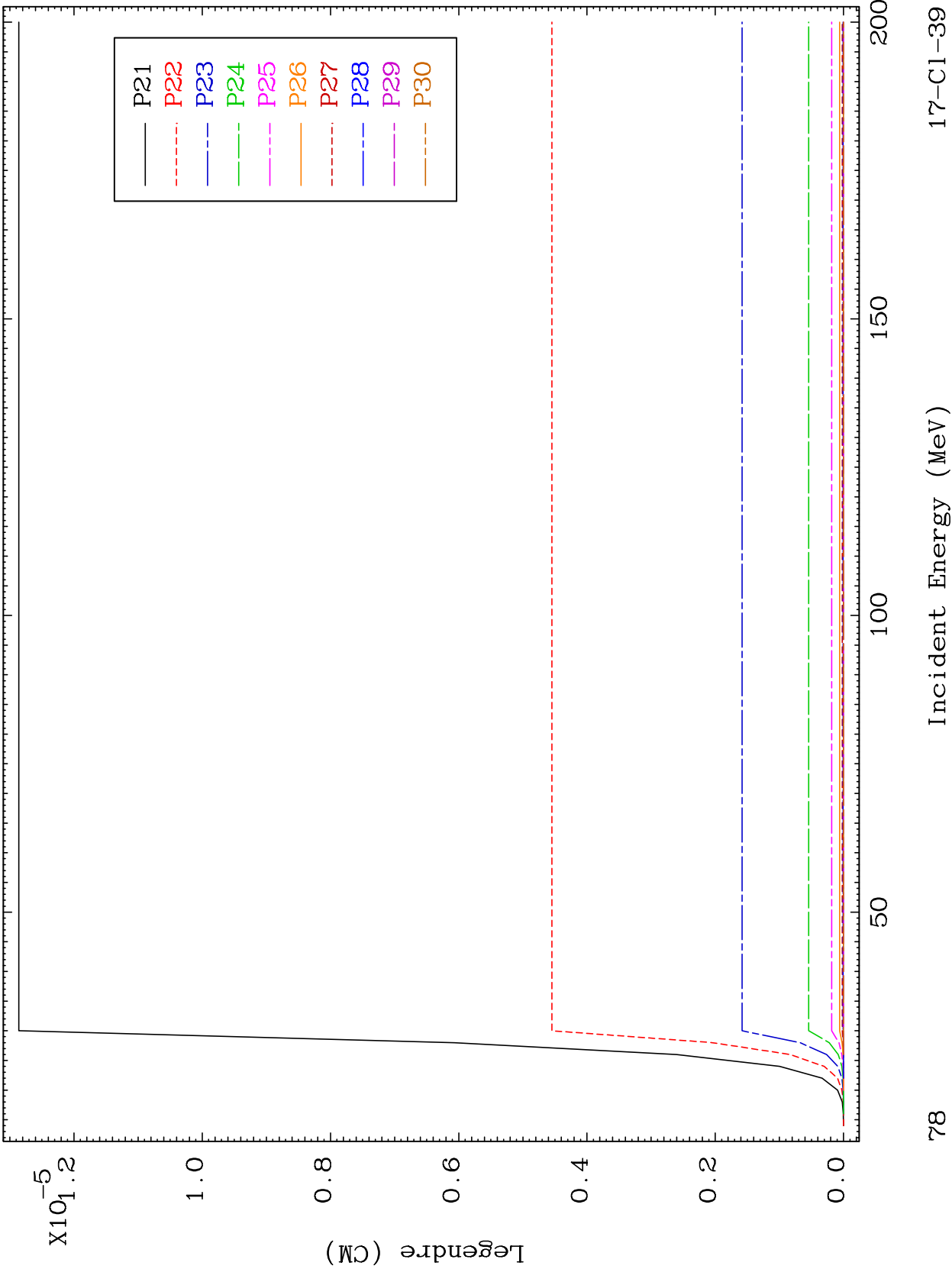
77

17-Cl-39

MAT 1737

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

17-Cl-39



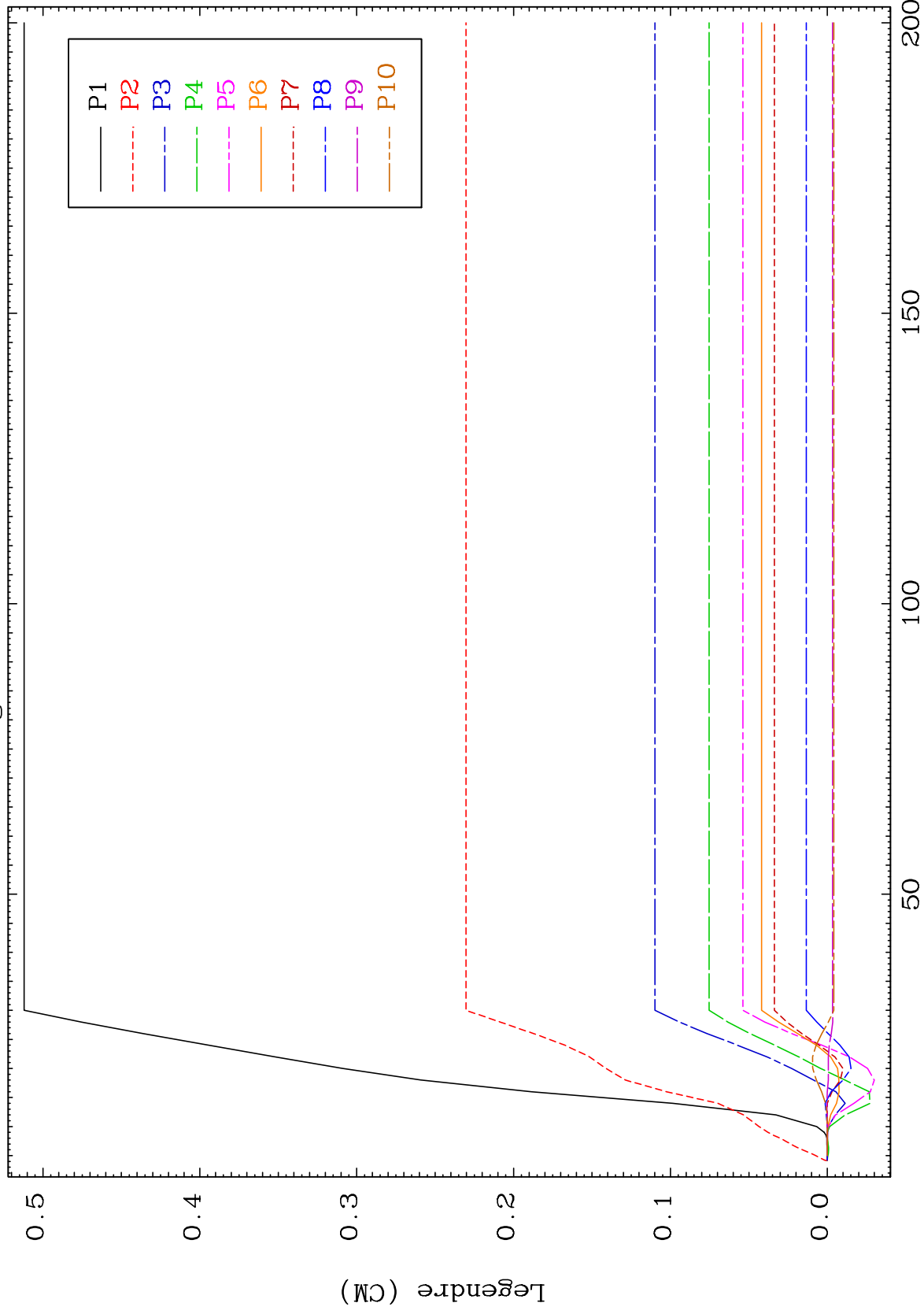
78

17-Cl-39

MAT 1737

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

17-Cl-39



79

Incident Energy (MeV)

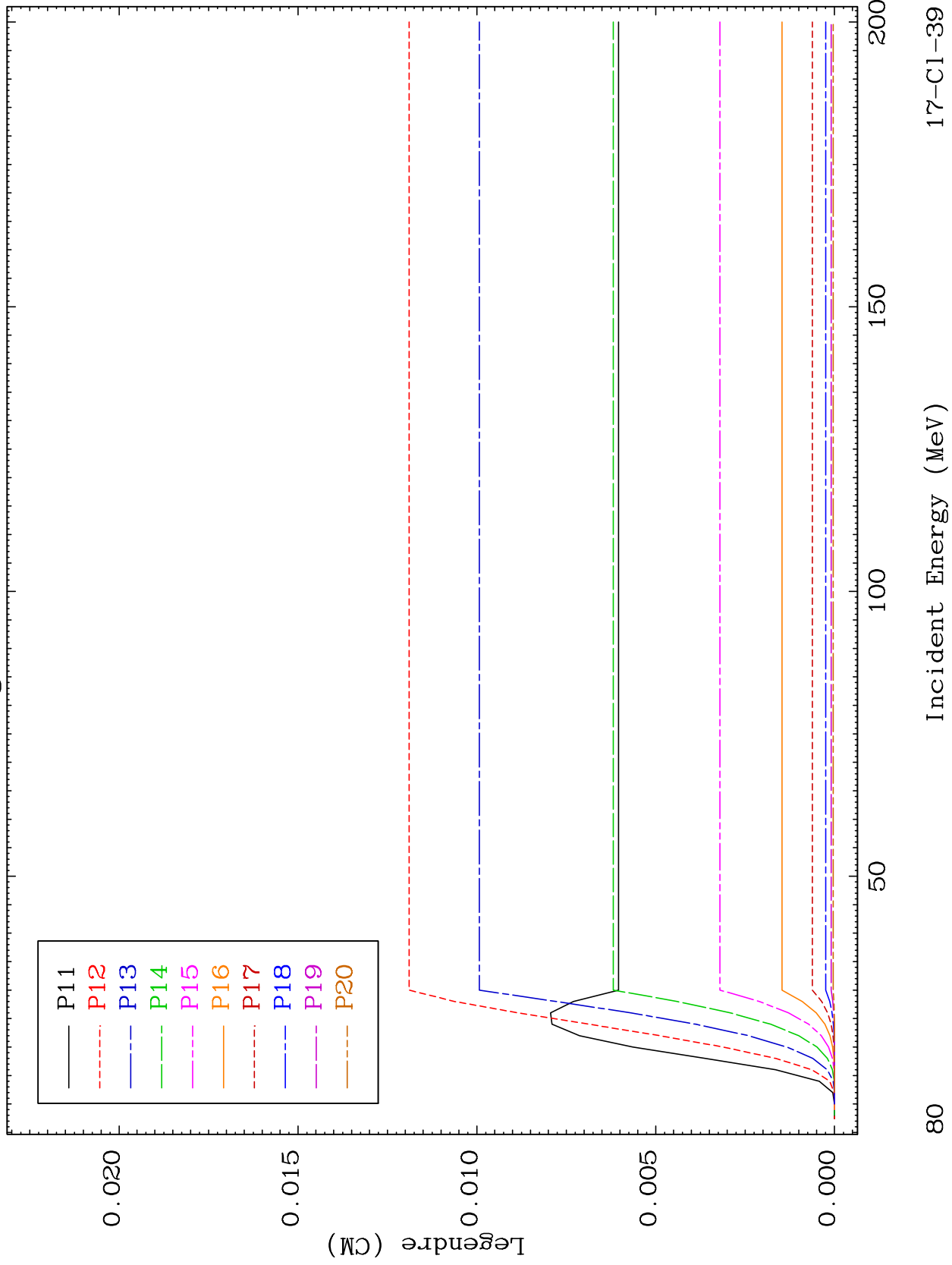
17-Cl-39



MAT 1737

17-Cl-39

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



80

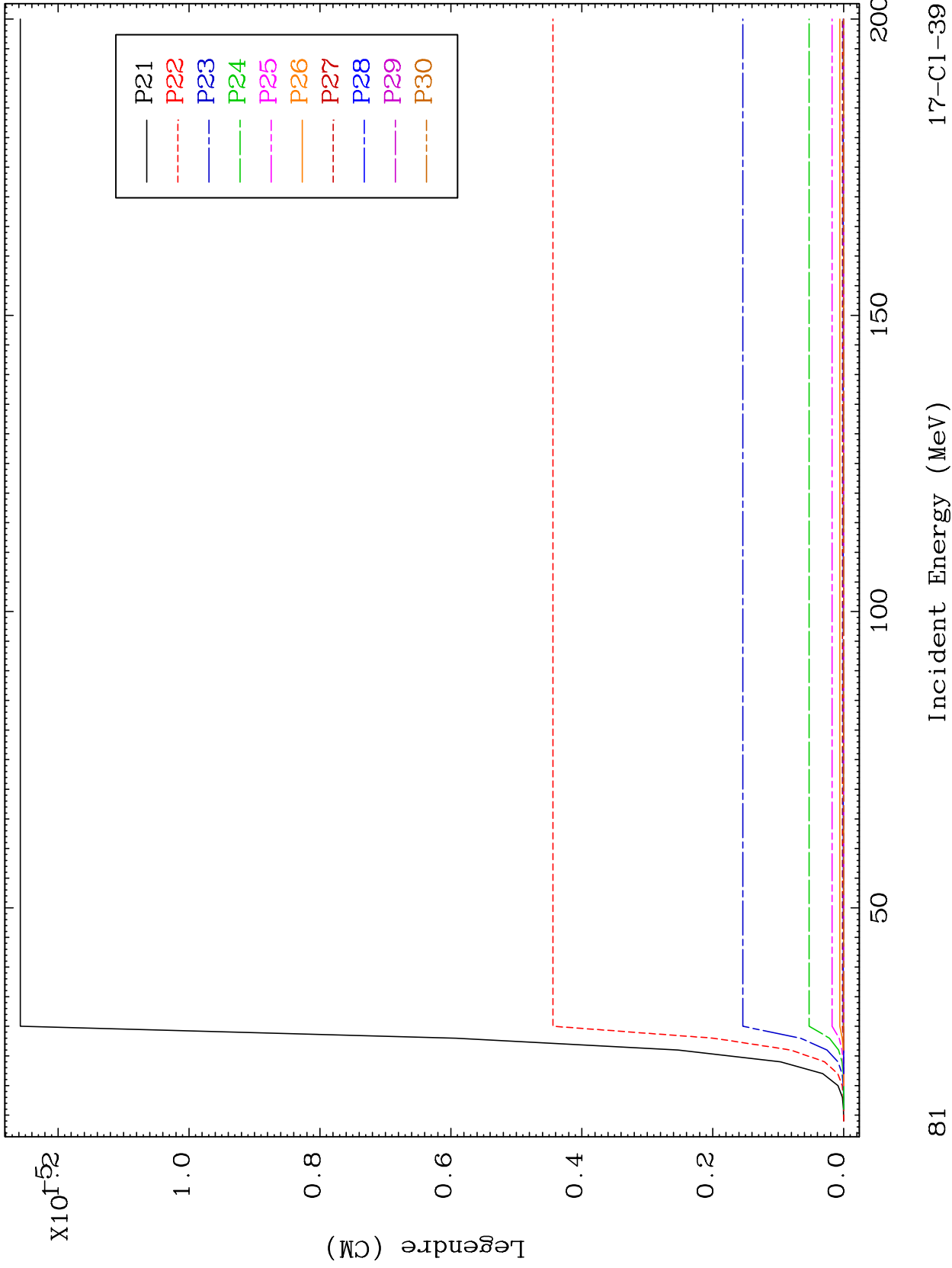
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



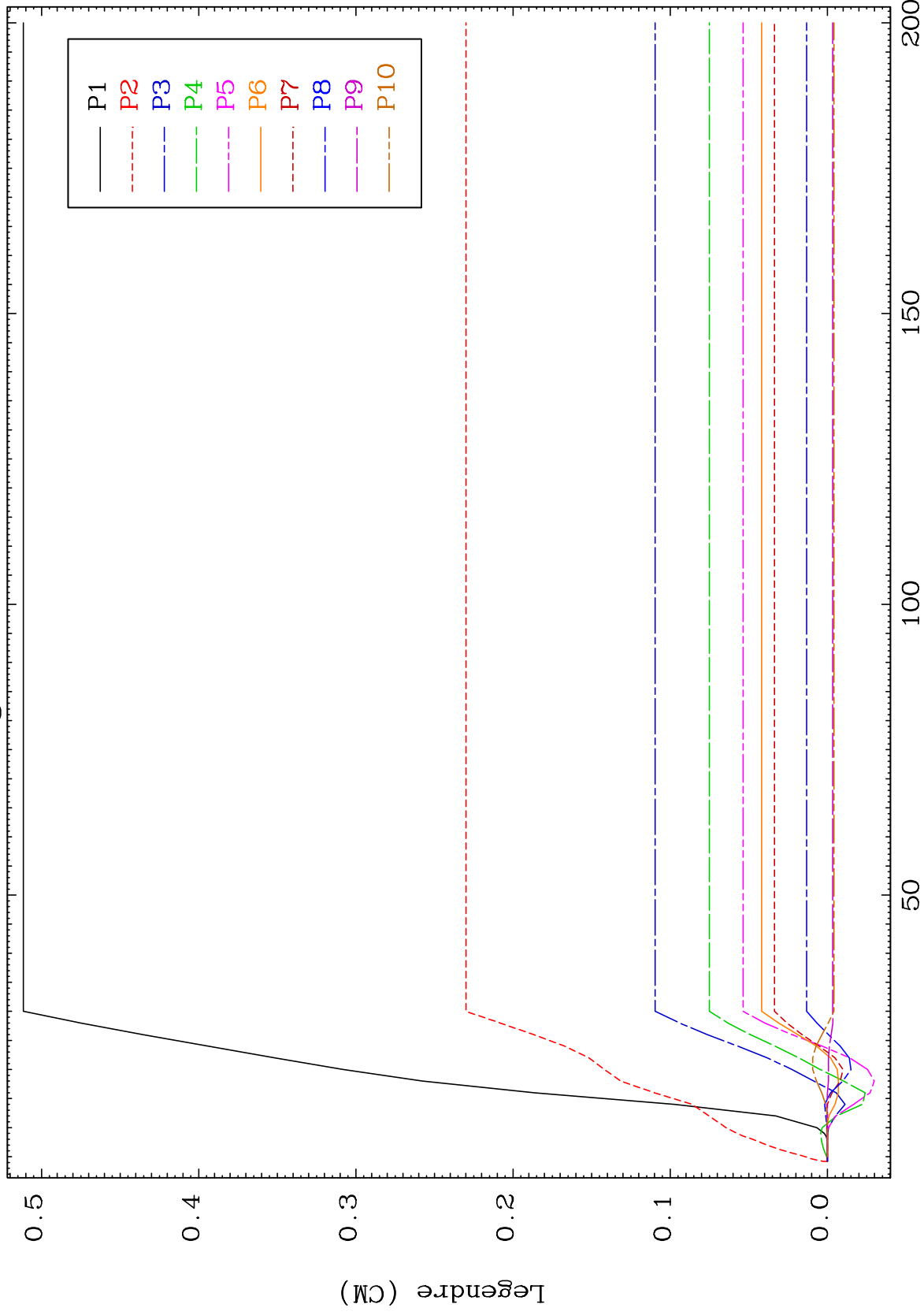
81

17-Cl-39

MAT 1737

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

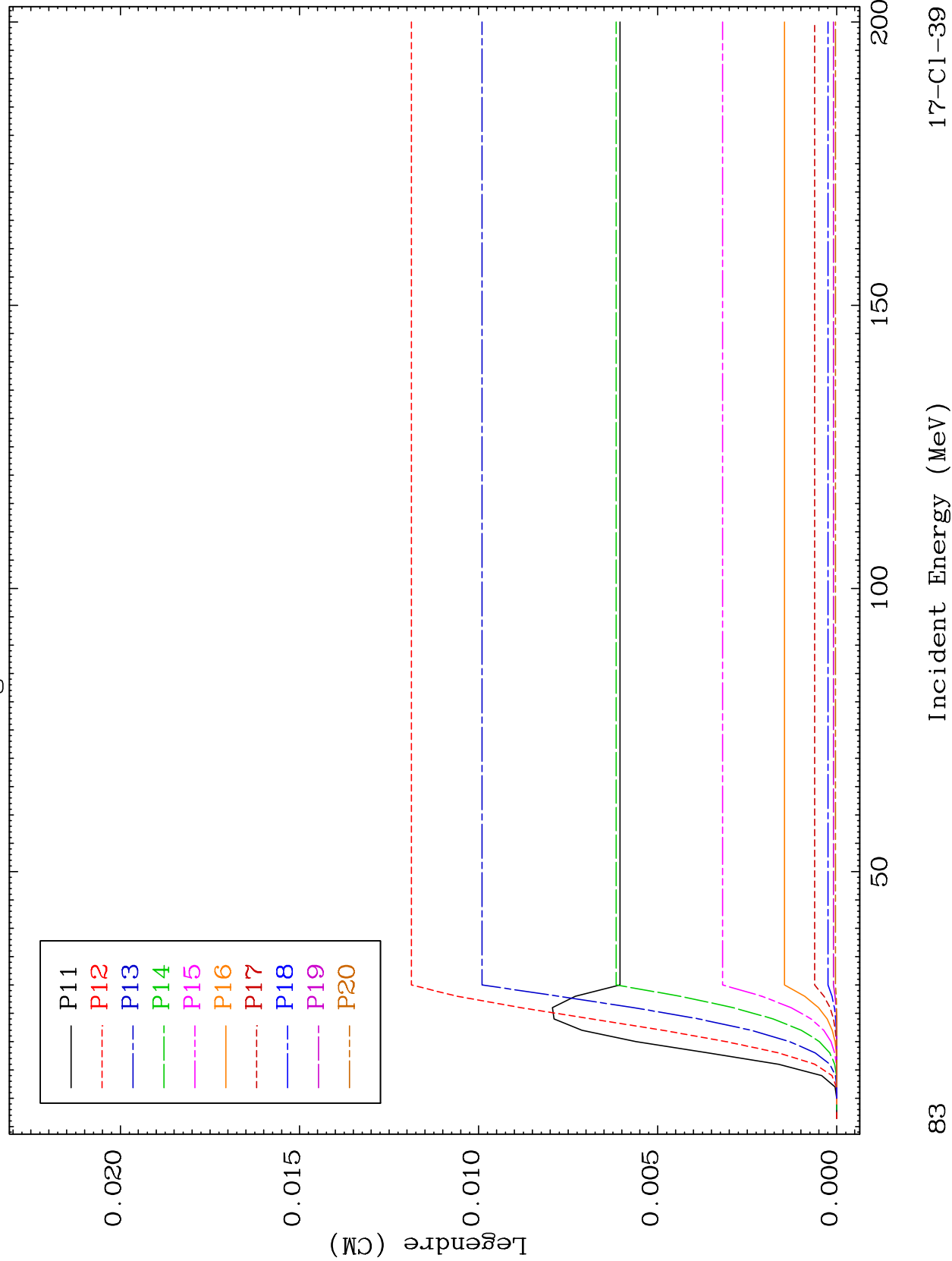
17-Cl-39



82

Incident Energy (MeV)

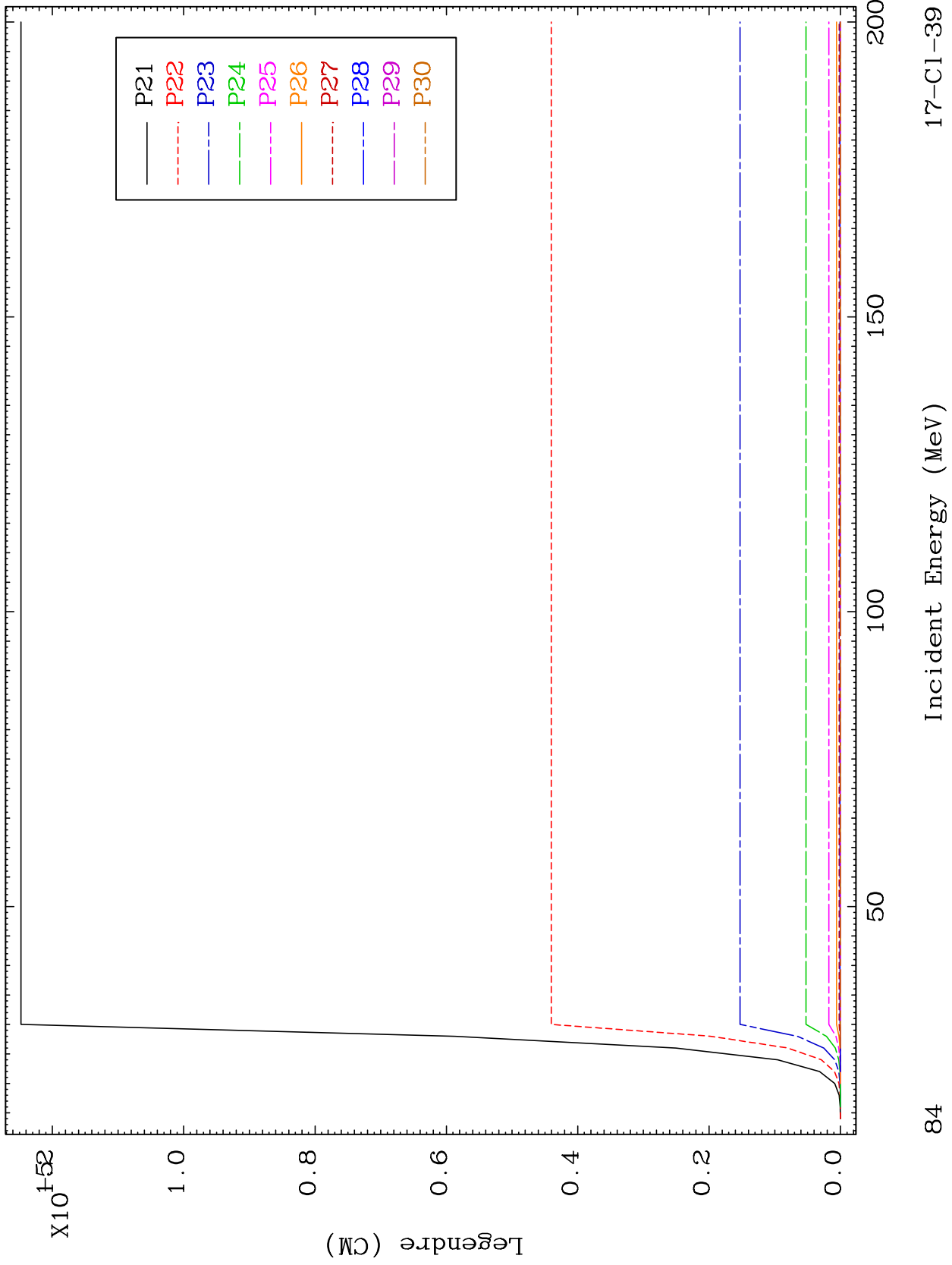
17-Cl-39



MAT 1737

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

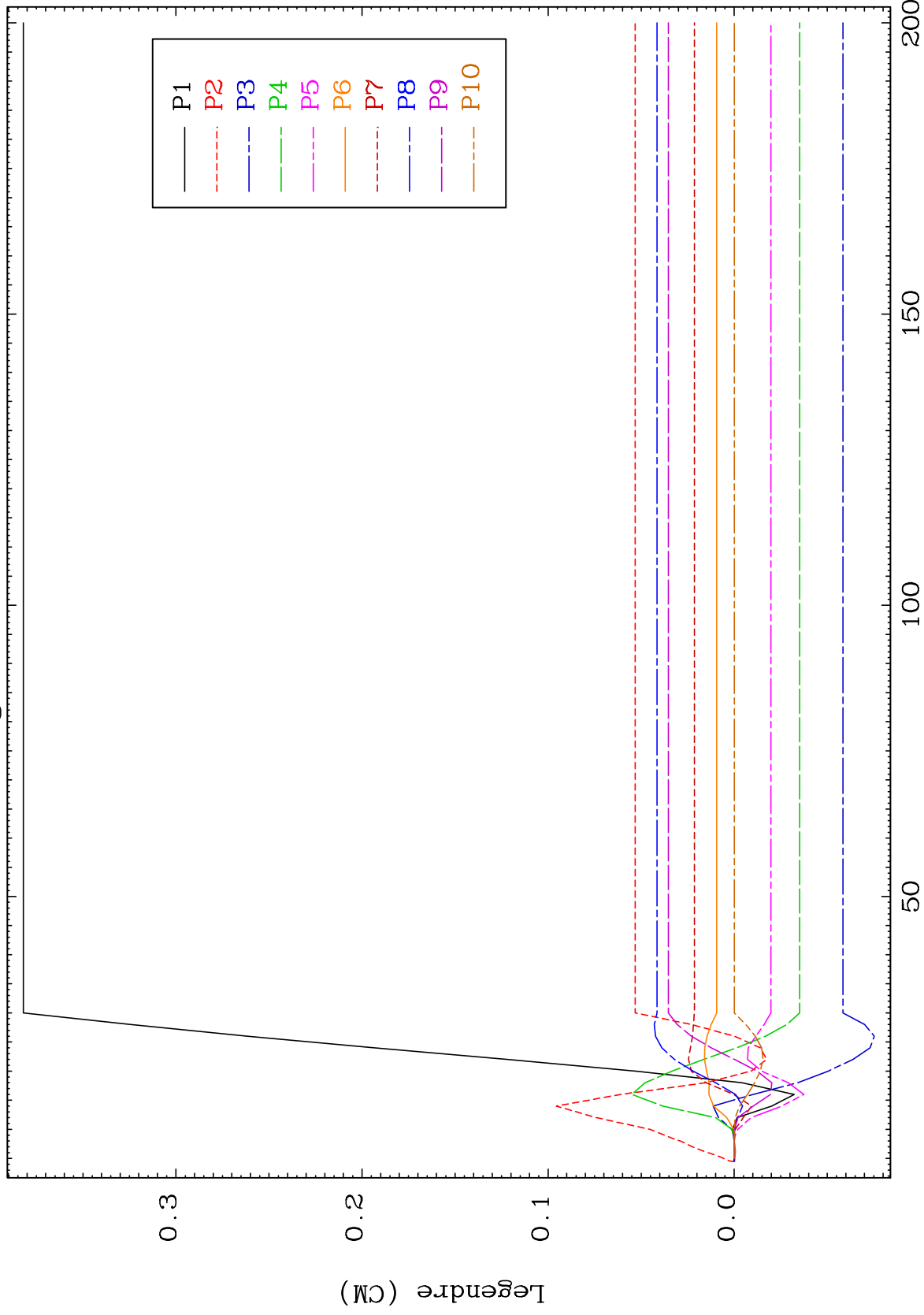
17-Cl-39



MAT 1737

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

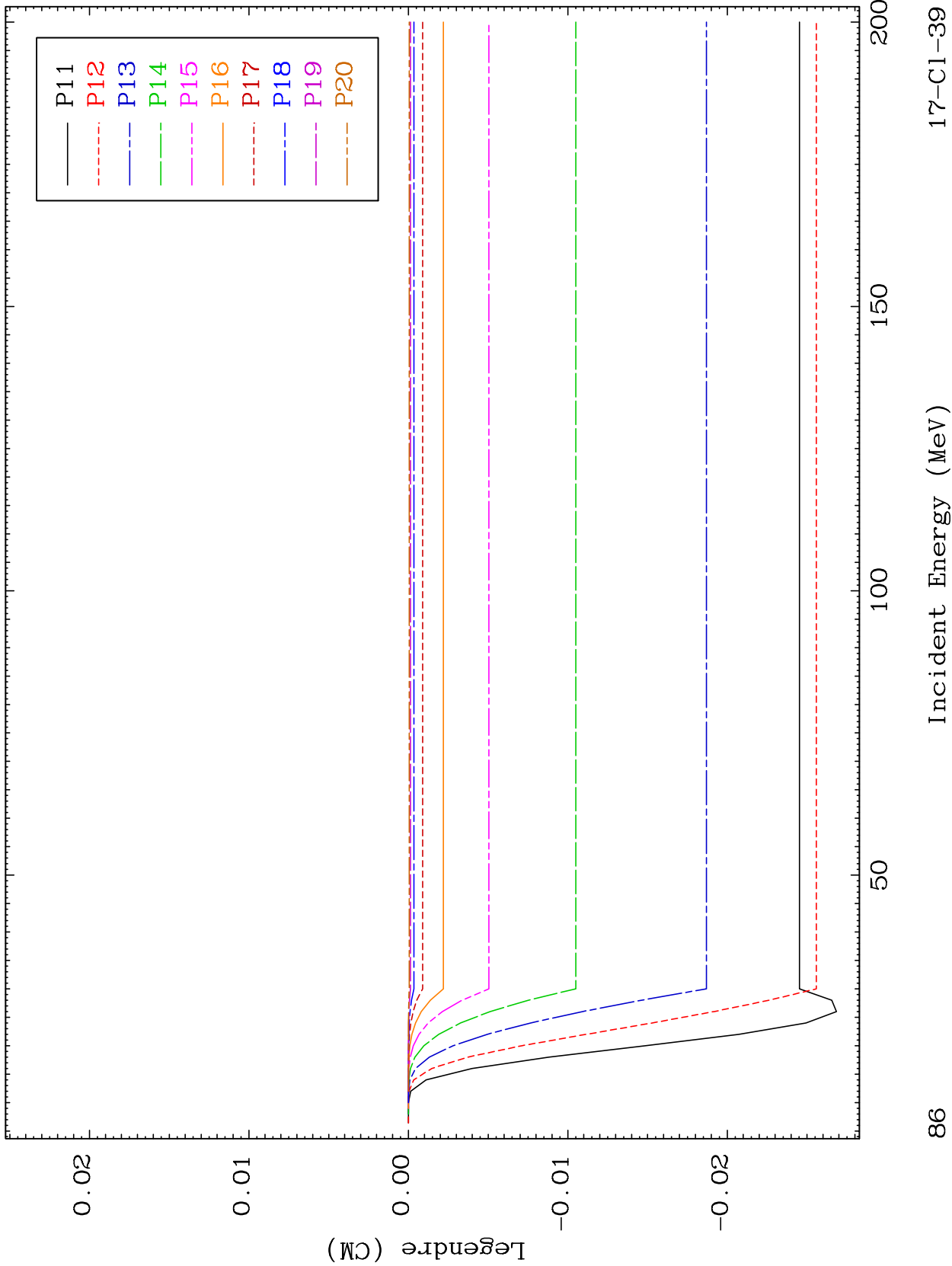
17-Cl-39



85

Incident Energy (MeV)

17-Cl-39

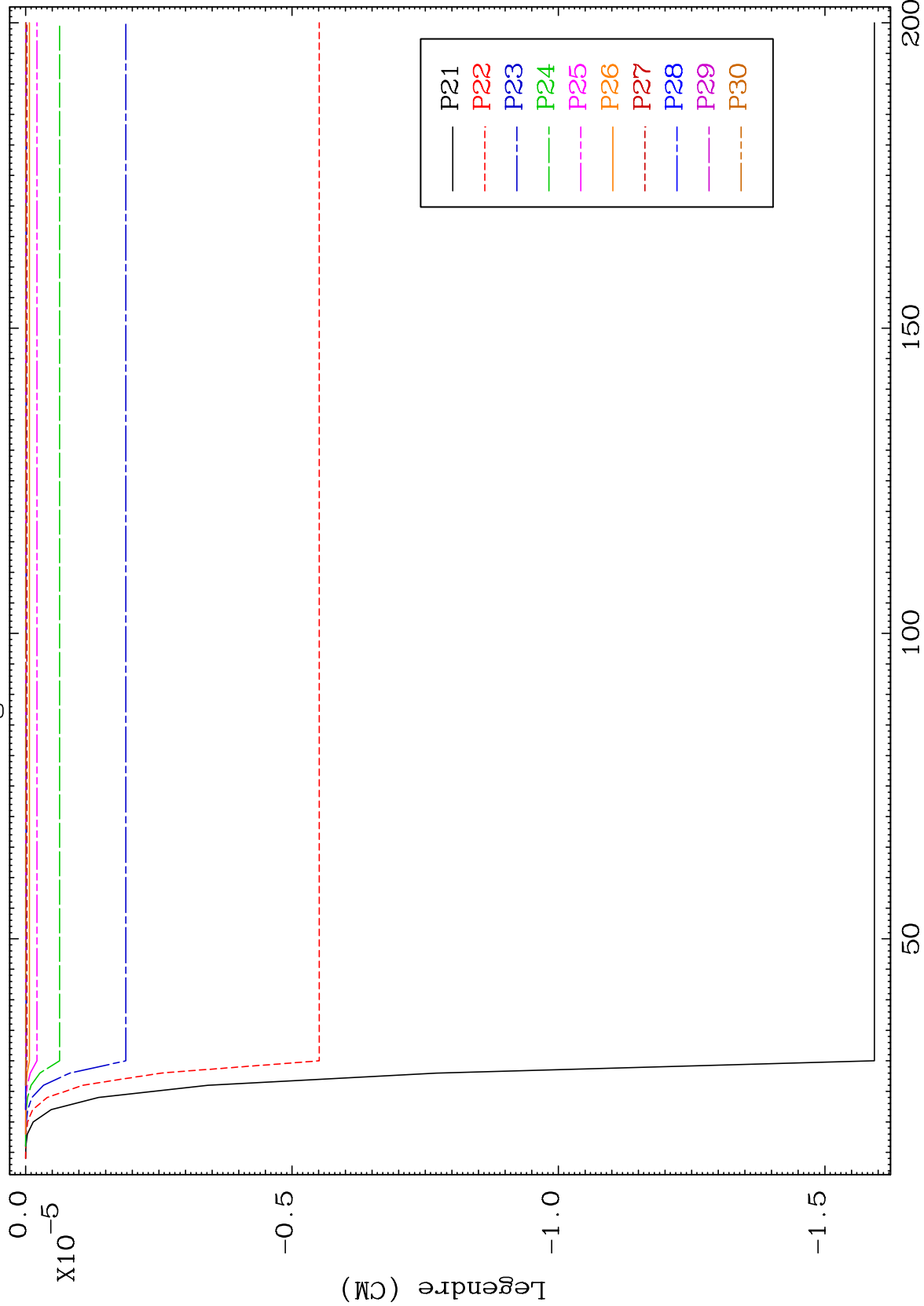


MAT 1737

MT= 73 (n,n') Level

17-Cl-39

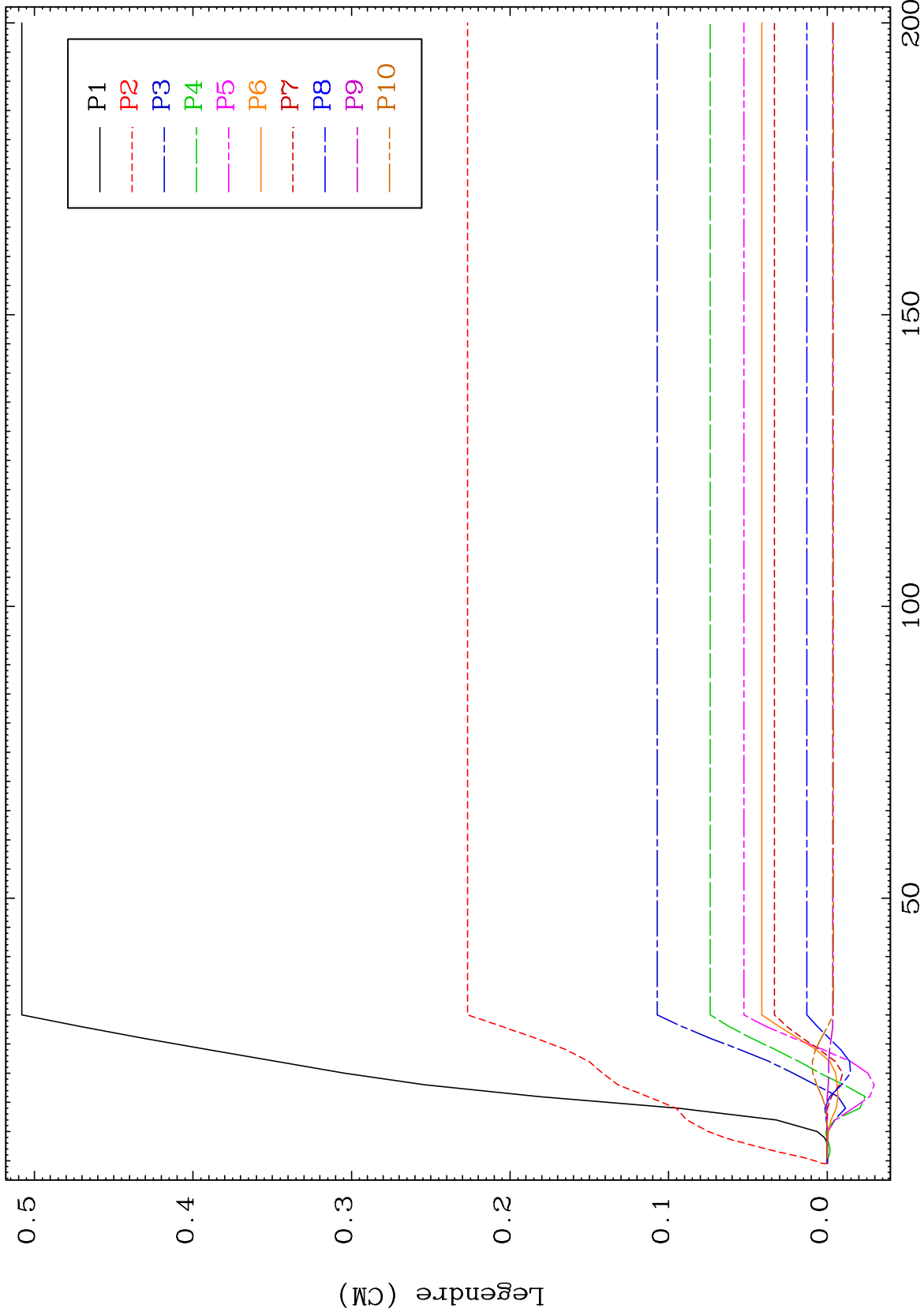
Legendre Coefficients



87

17-Cl-39

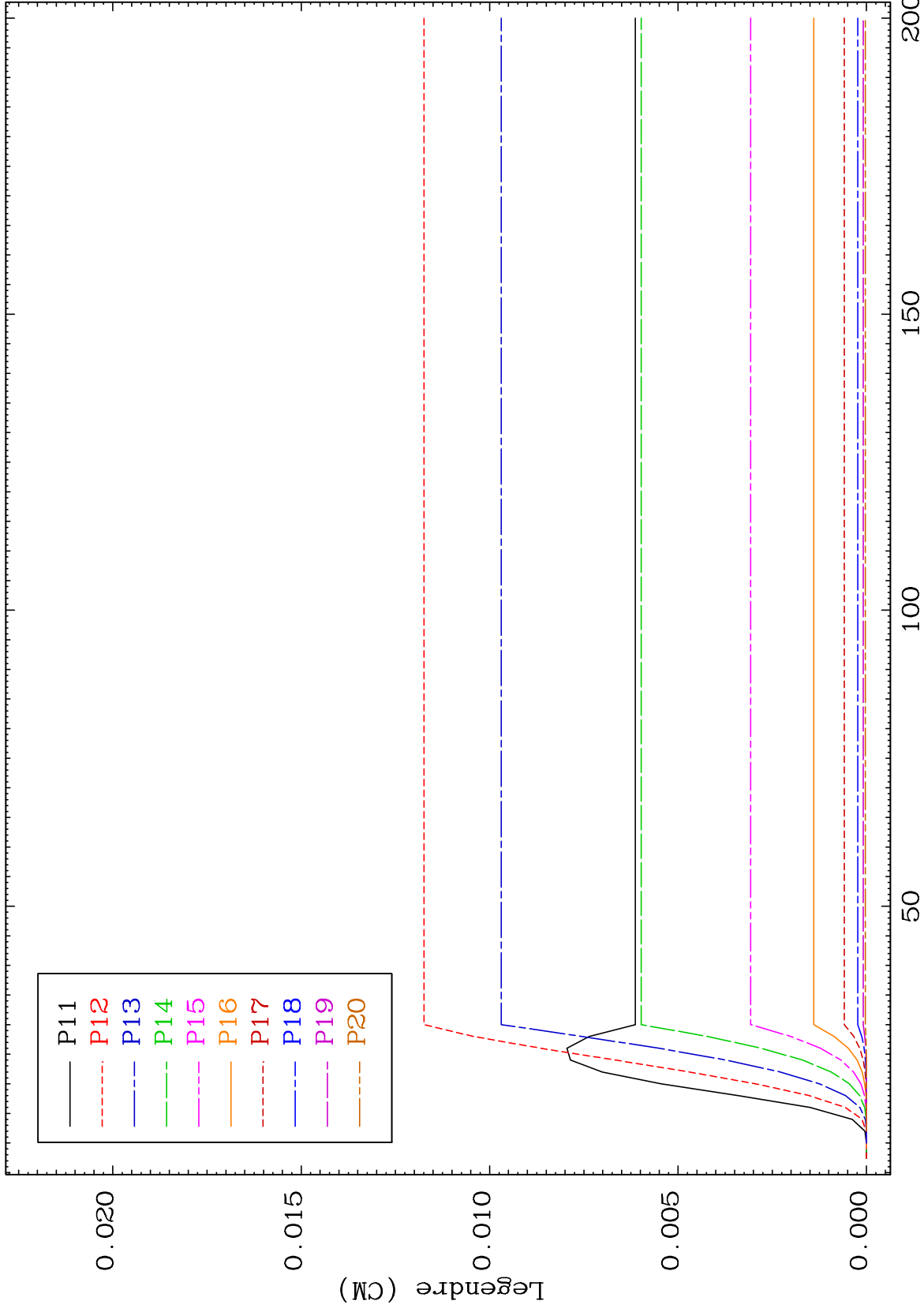




MAT 1737

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

17-Cl-39



89

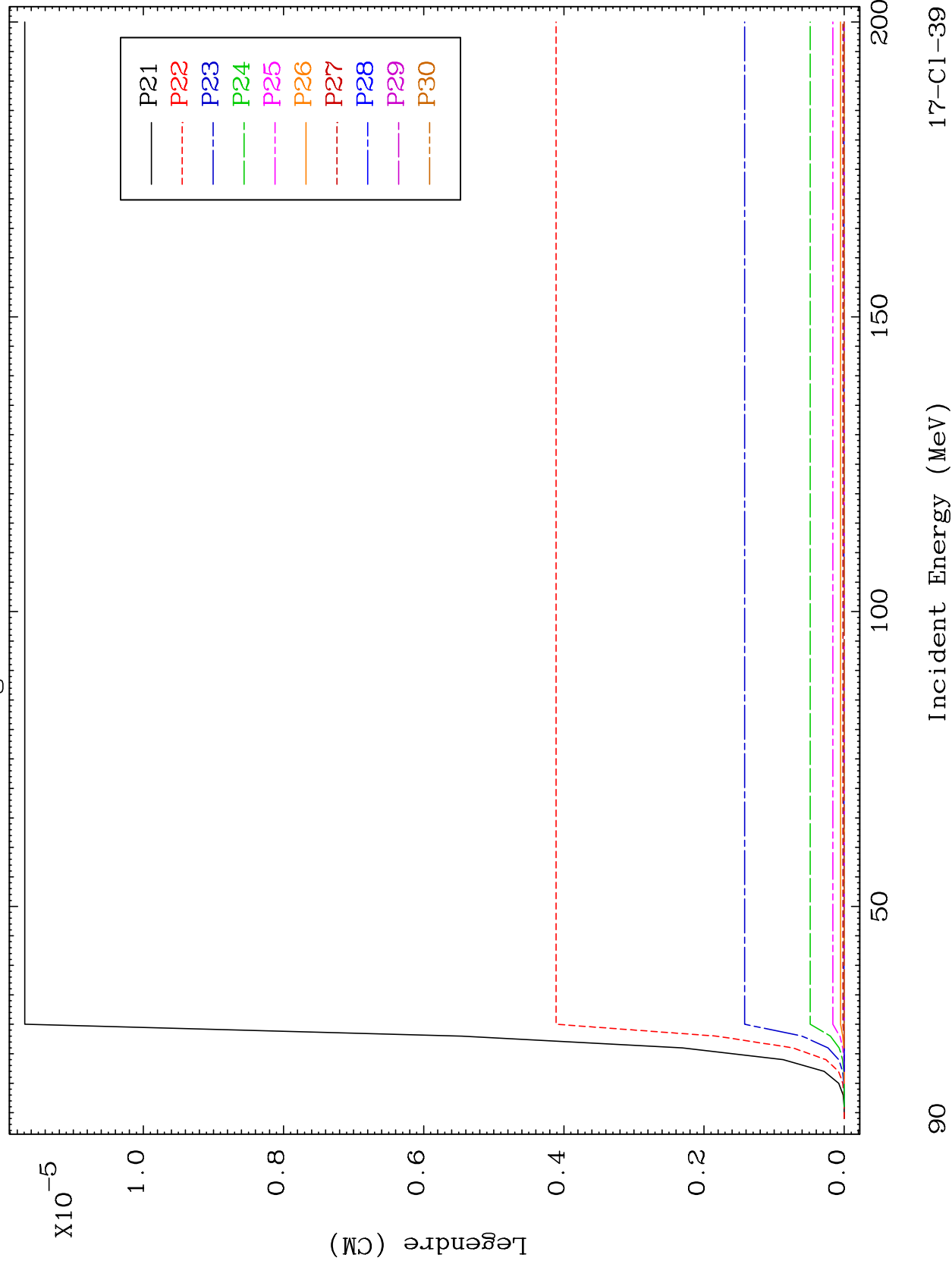
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



90

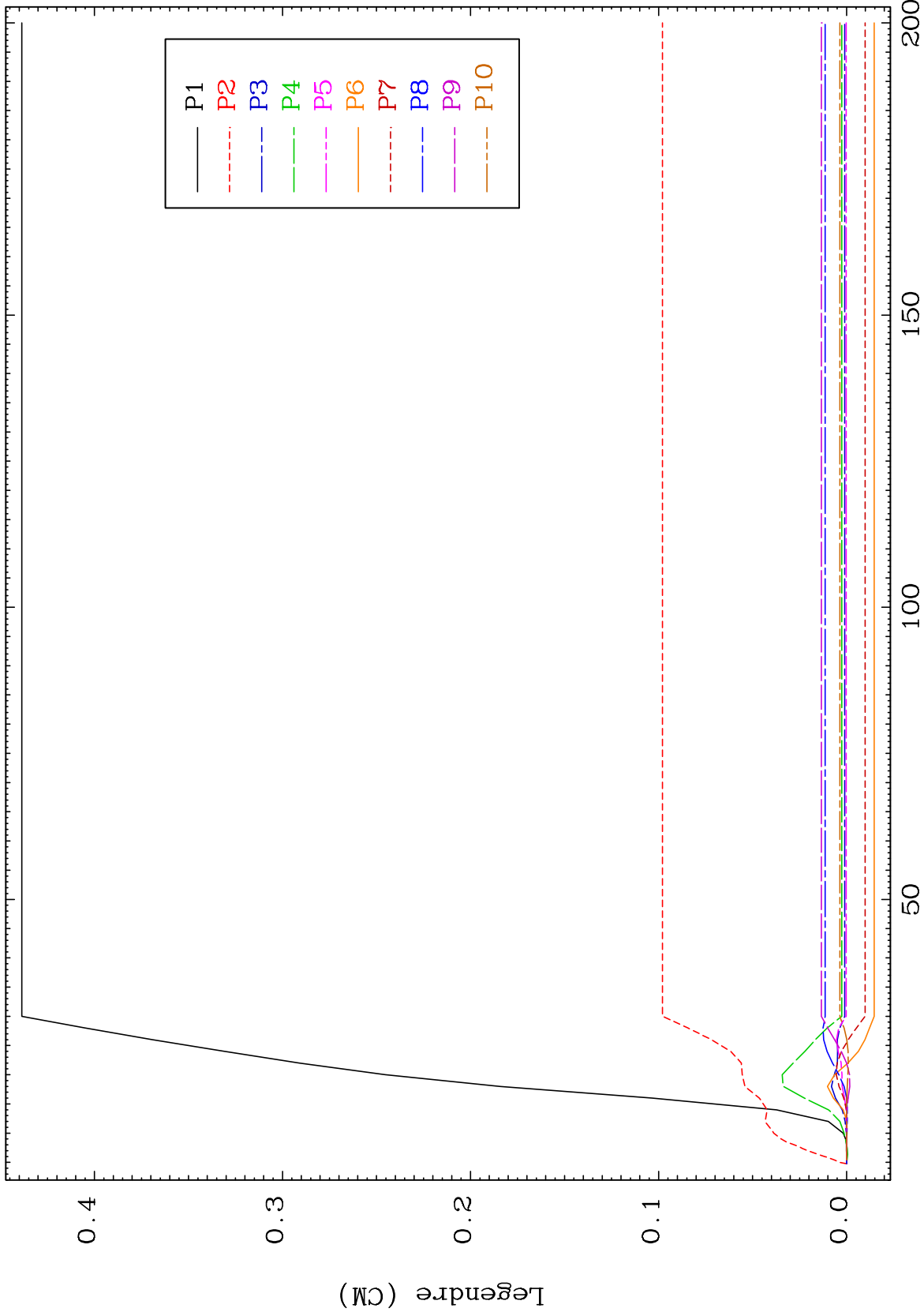
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



91

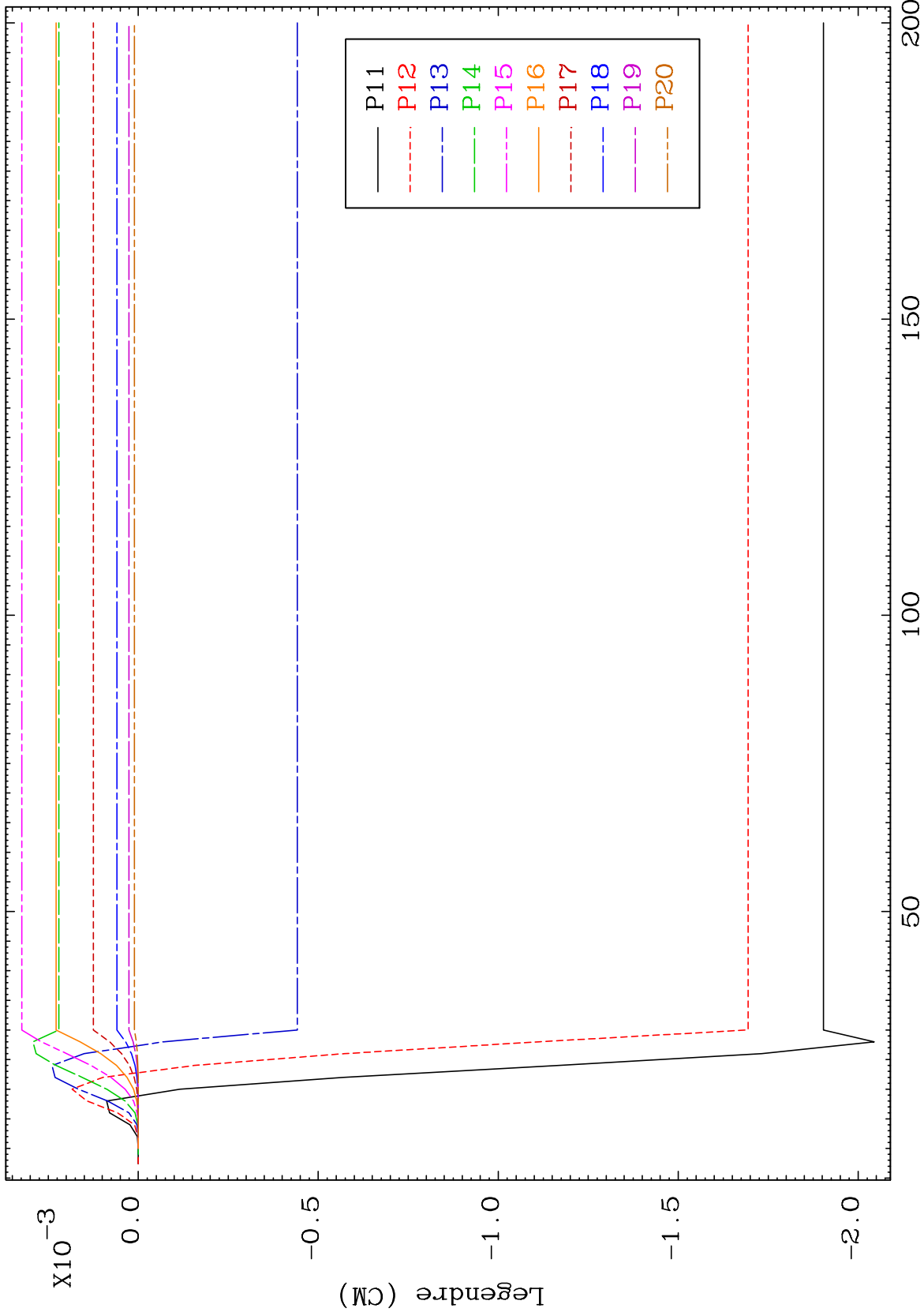
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



92

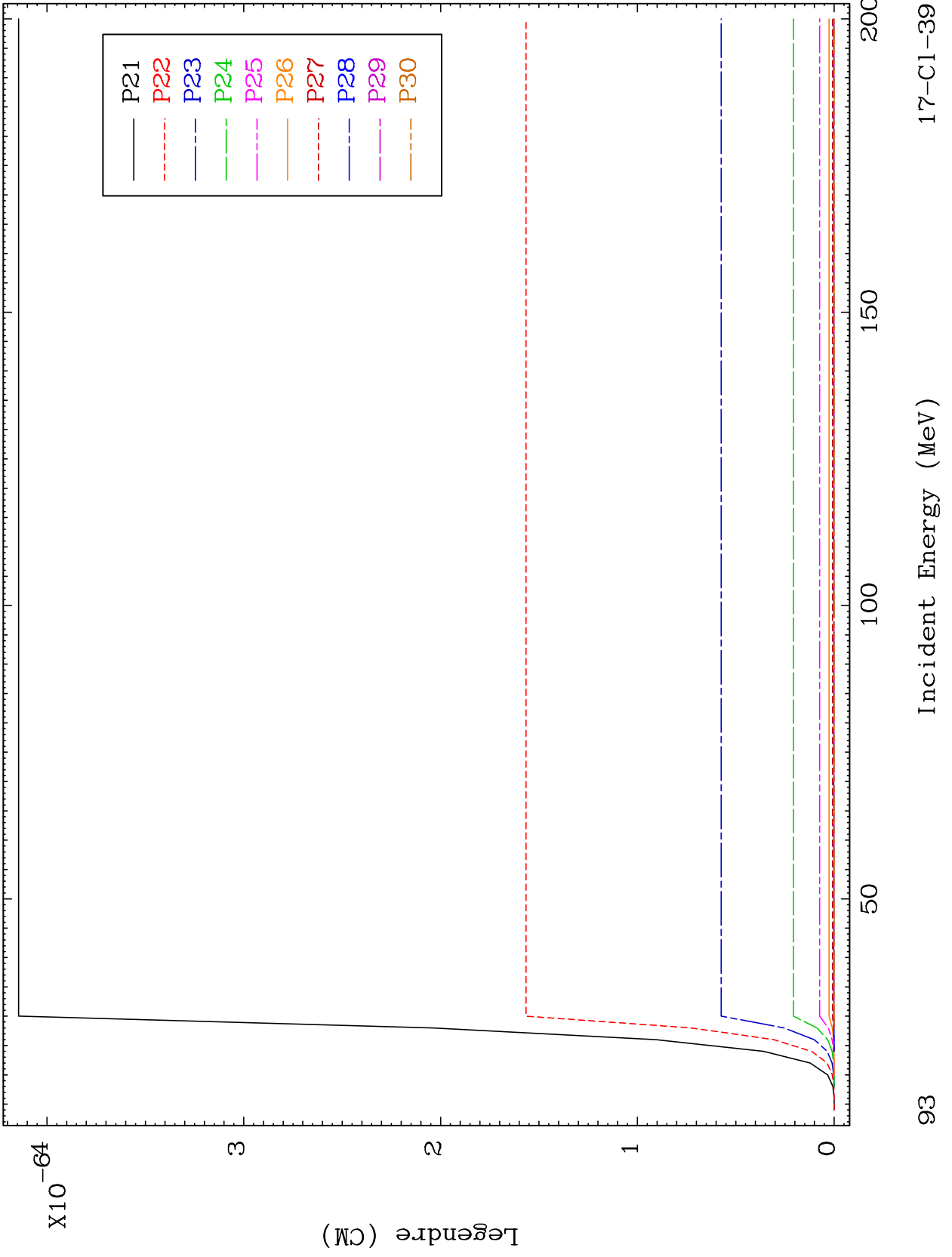
Incident Energy (MeV)

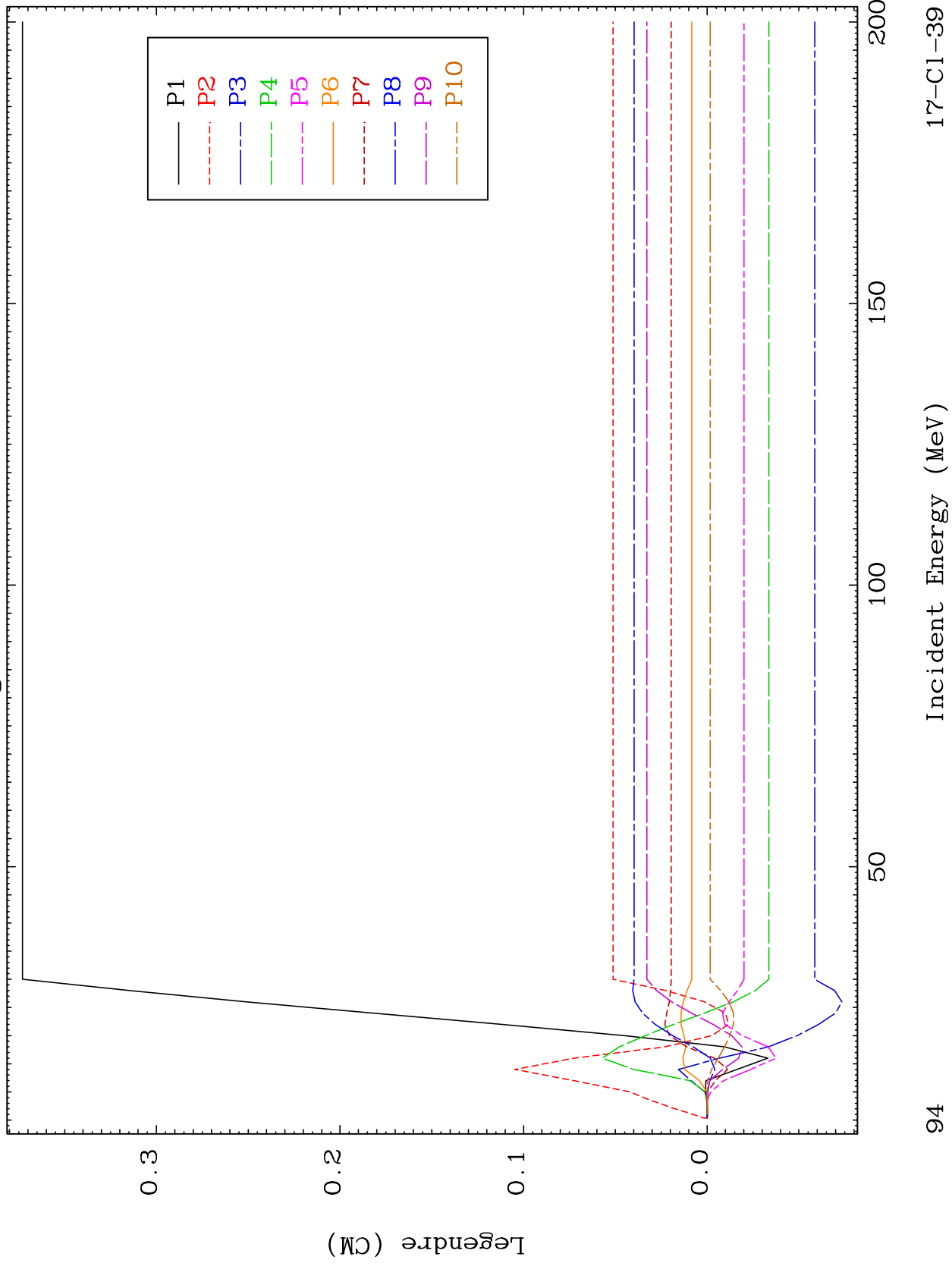
17-Cl-39

MAT 1737

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

17-Cl-39

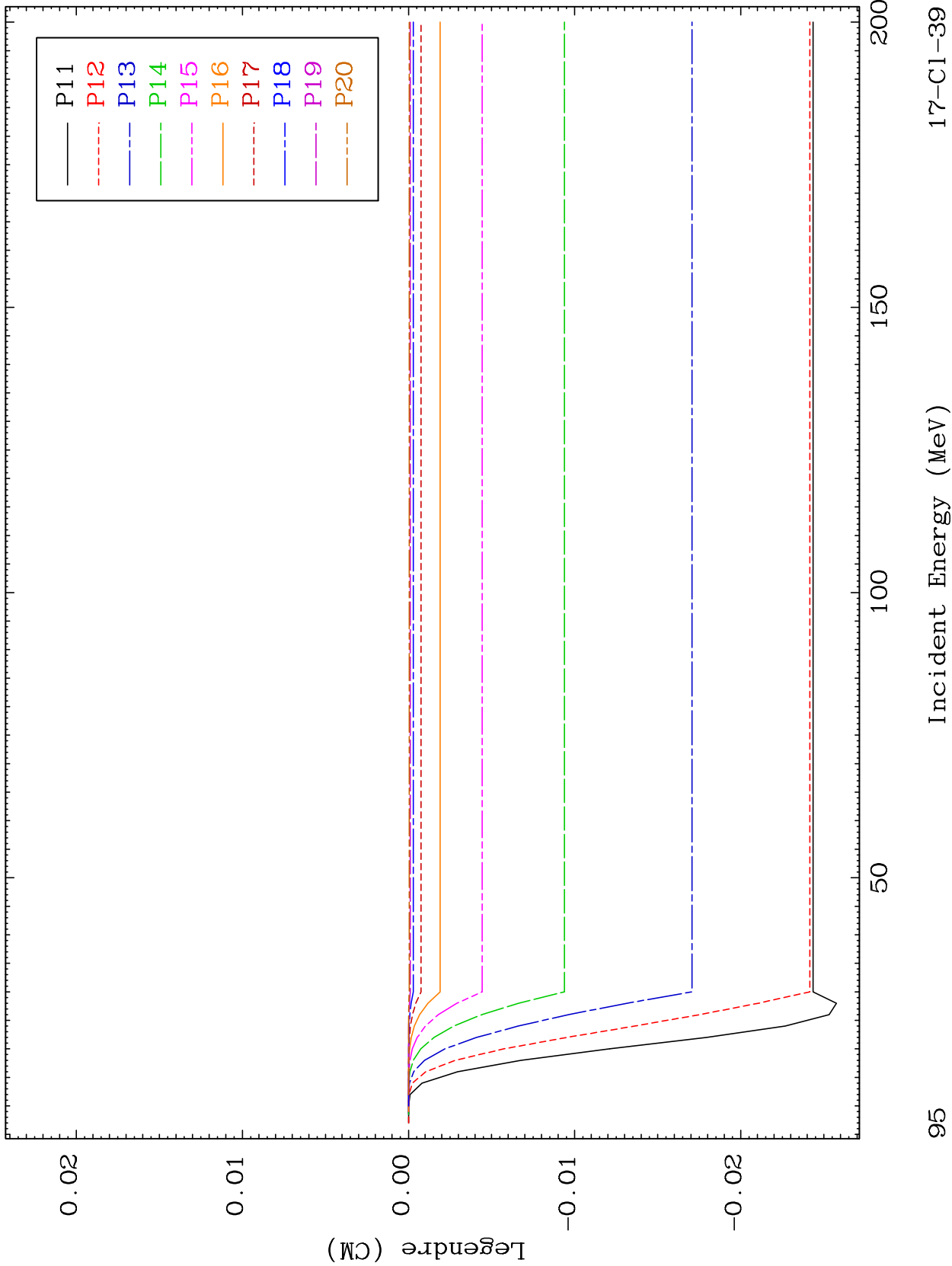




MAT 1737

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

17-Cl-39



95

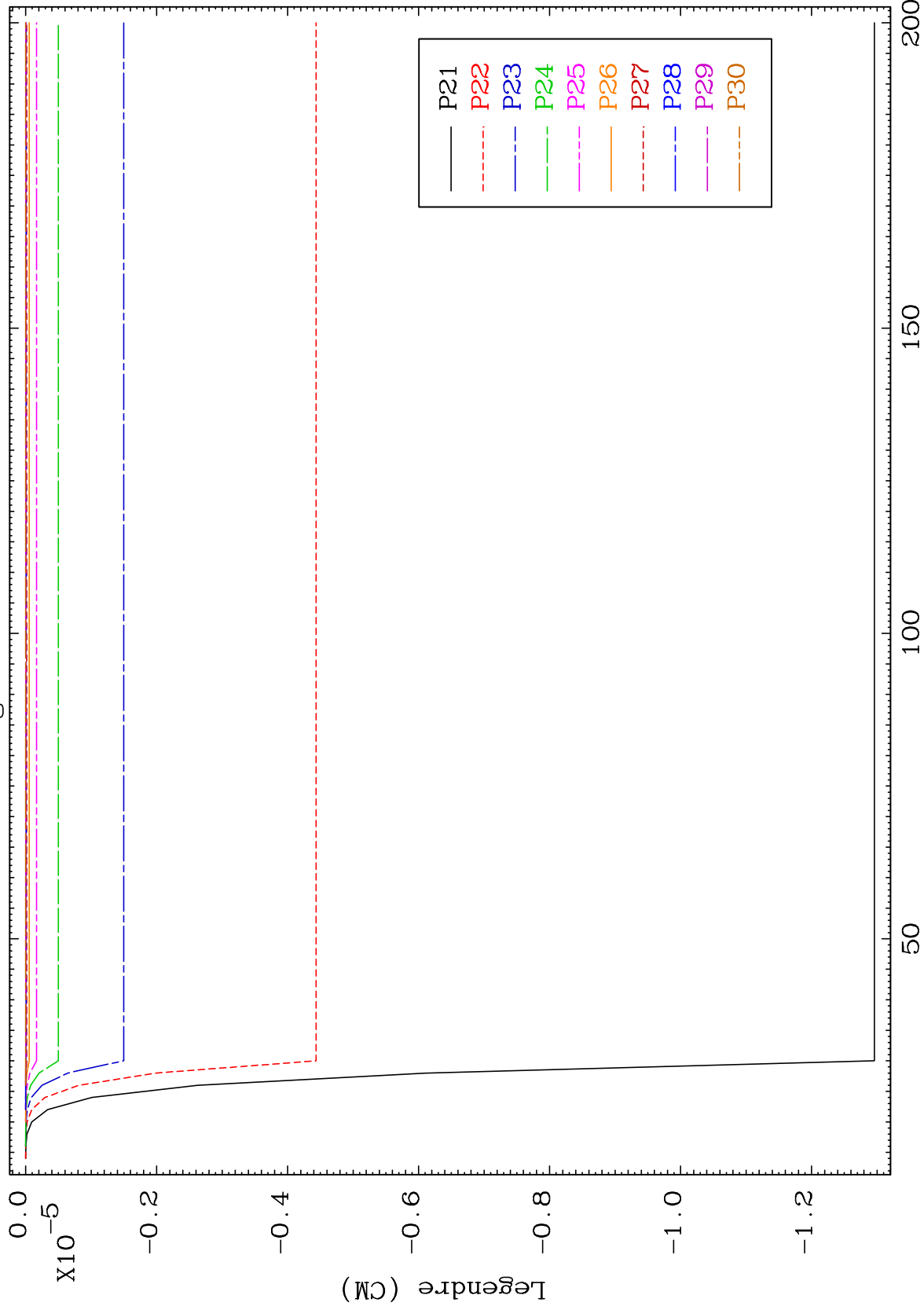
17-Cl-39



MAT 1737

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

17-Cl-39



96

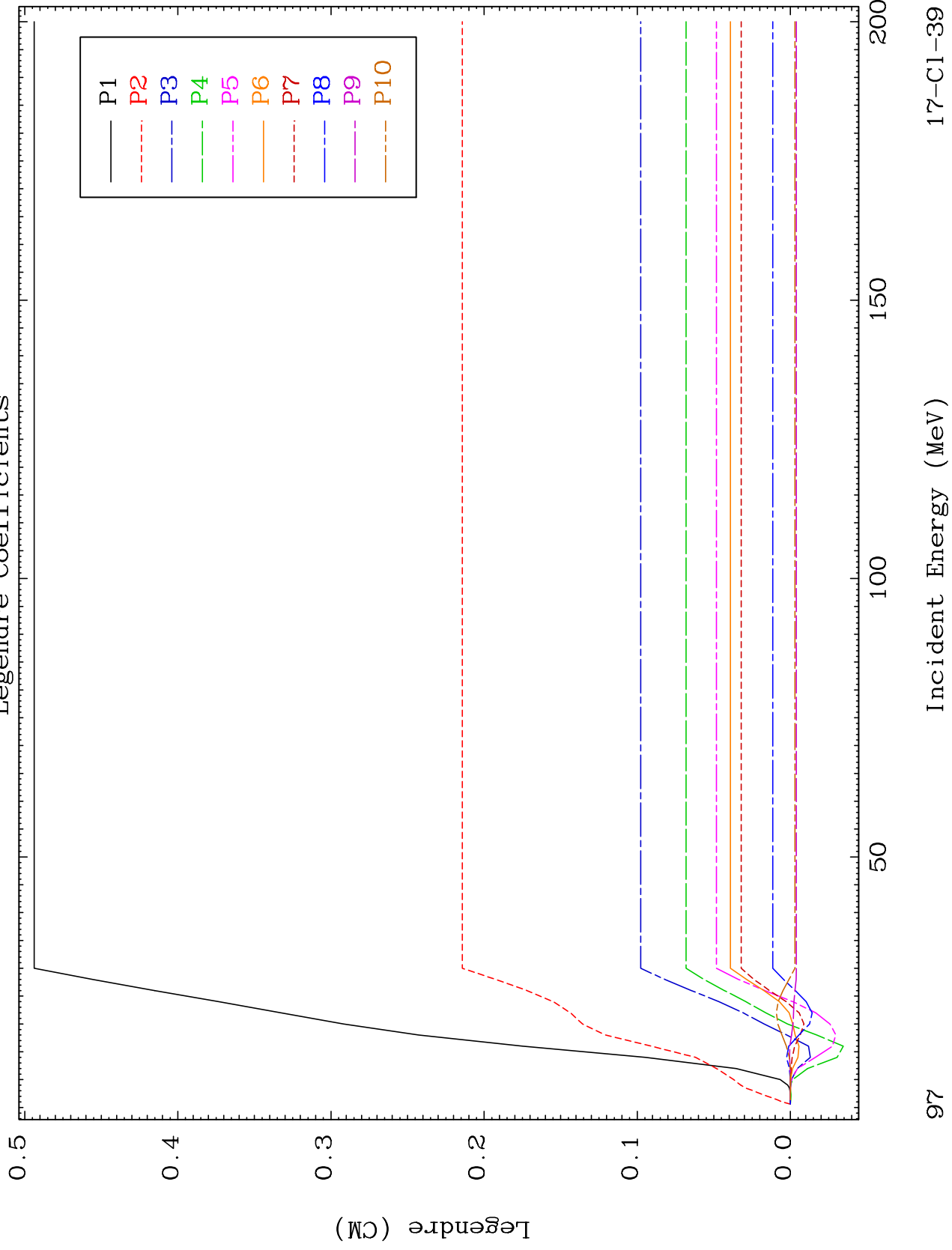
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

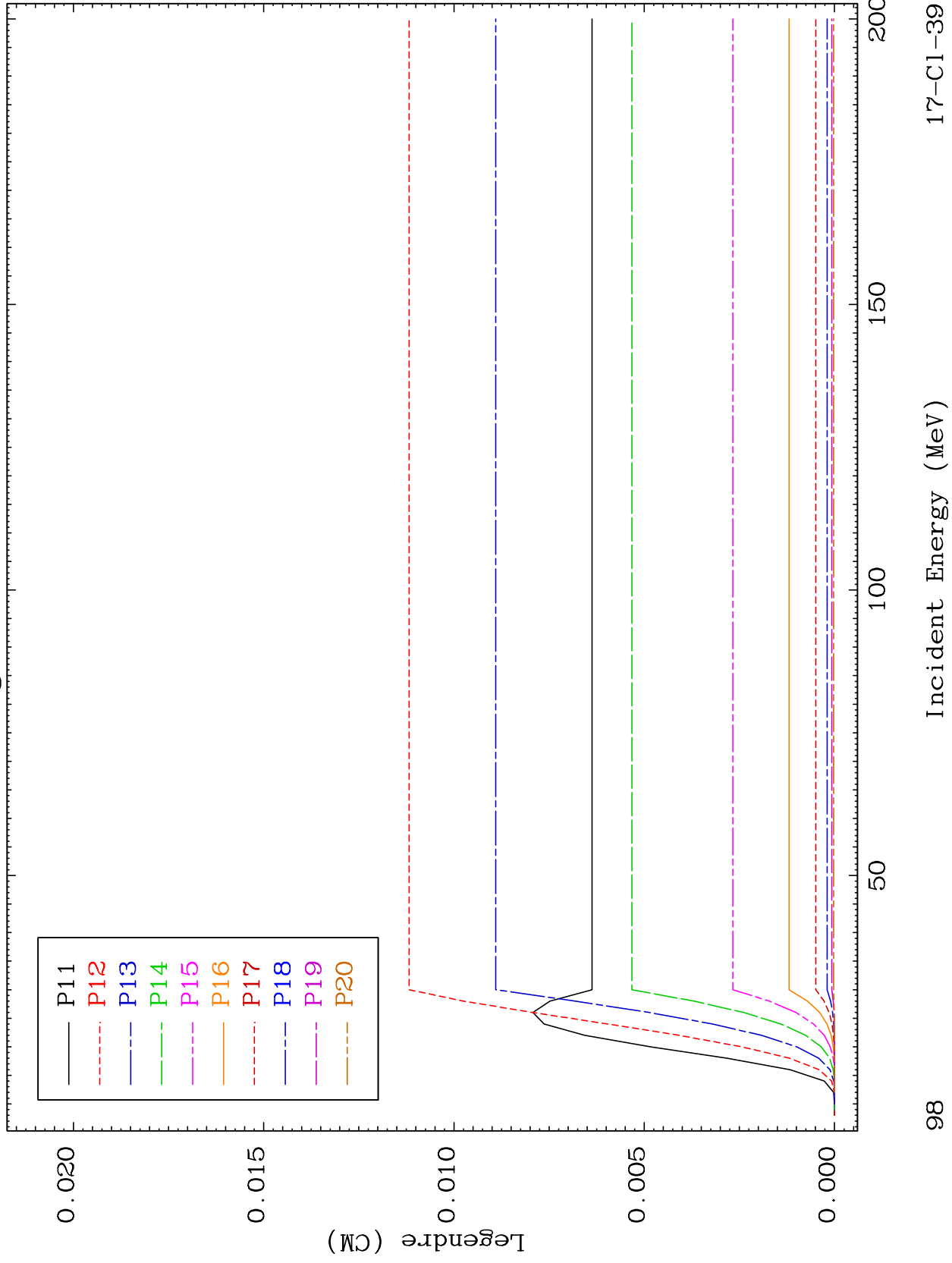
17-Cl-39



97

Incident Energy (MeV)

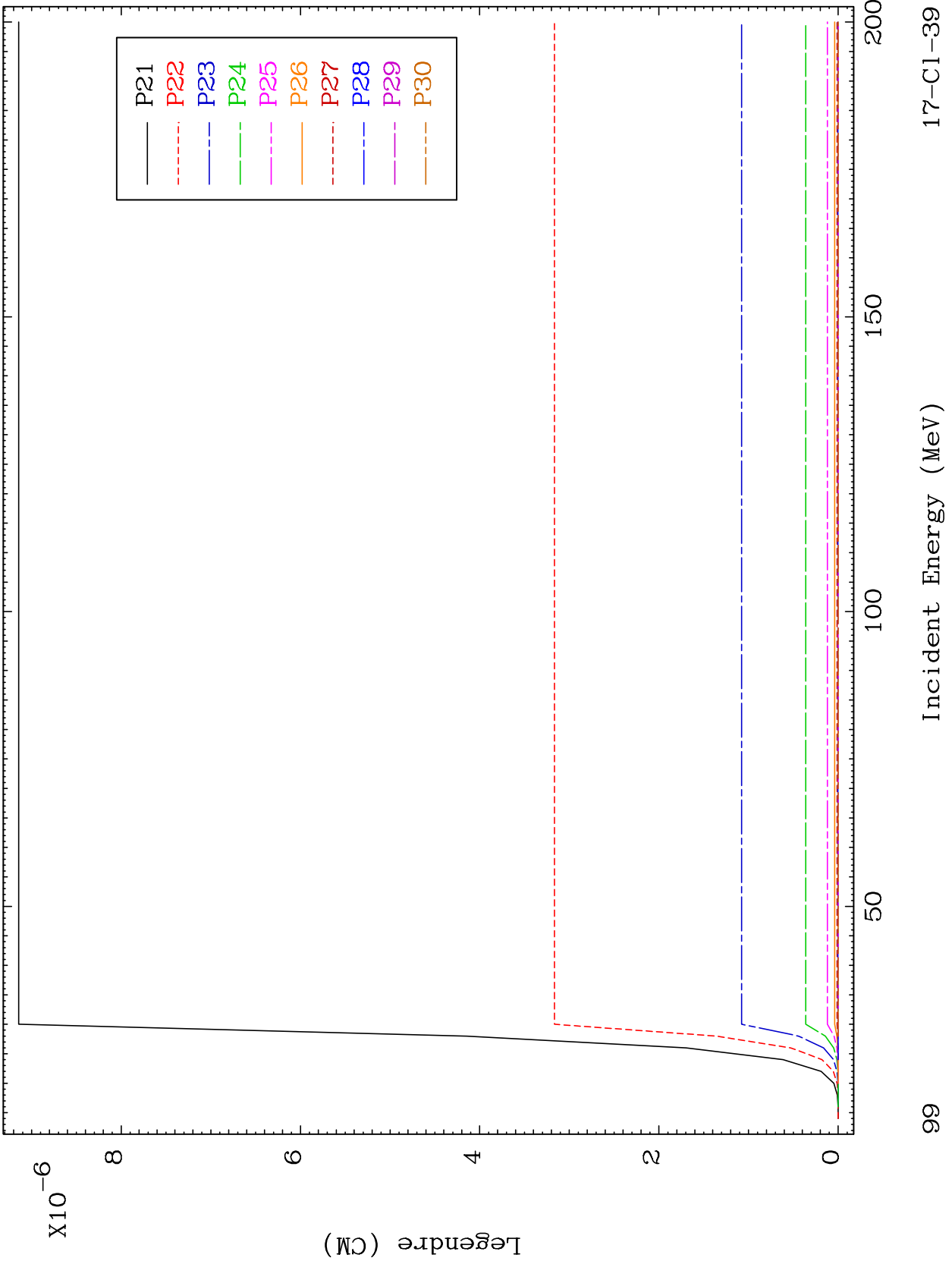
17-Cl-39



MAT 1737

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

17-Cl-39



99

Incident Energy (MeV)

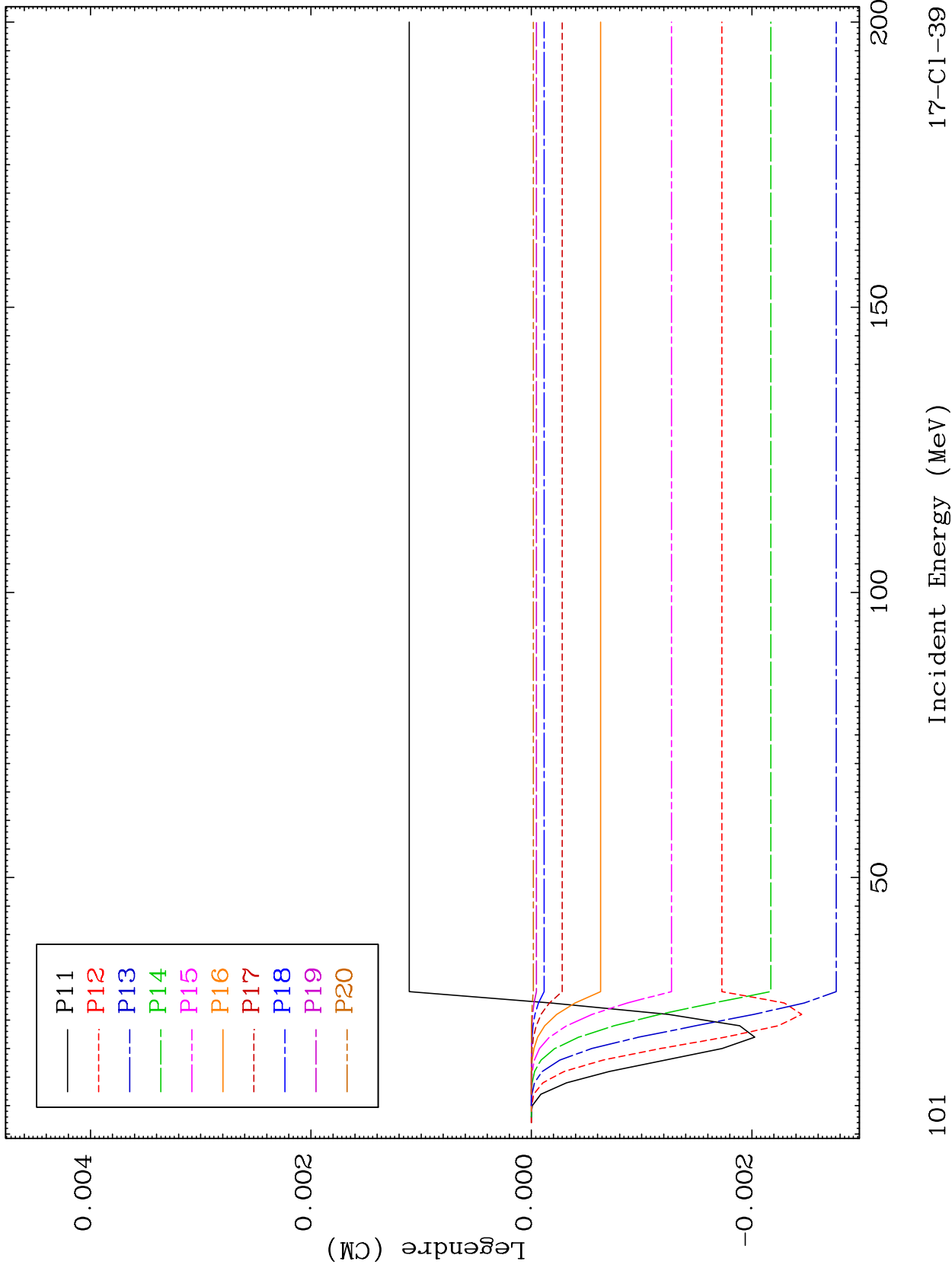
17-Cl-39



MAT 1737

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

17-Cl-39



101

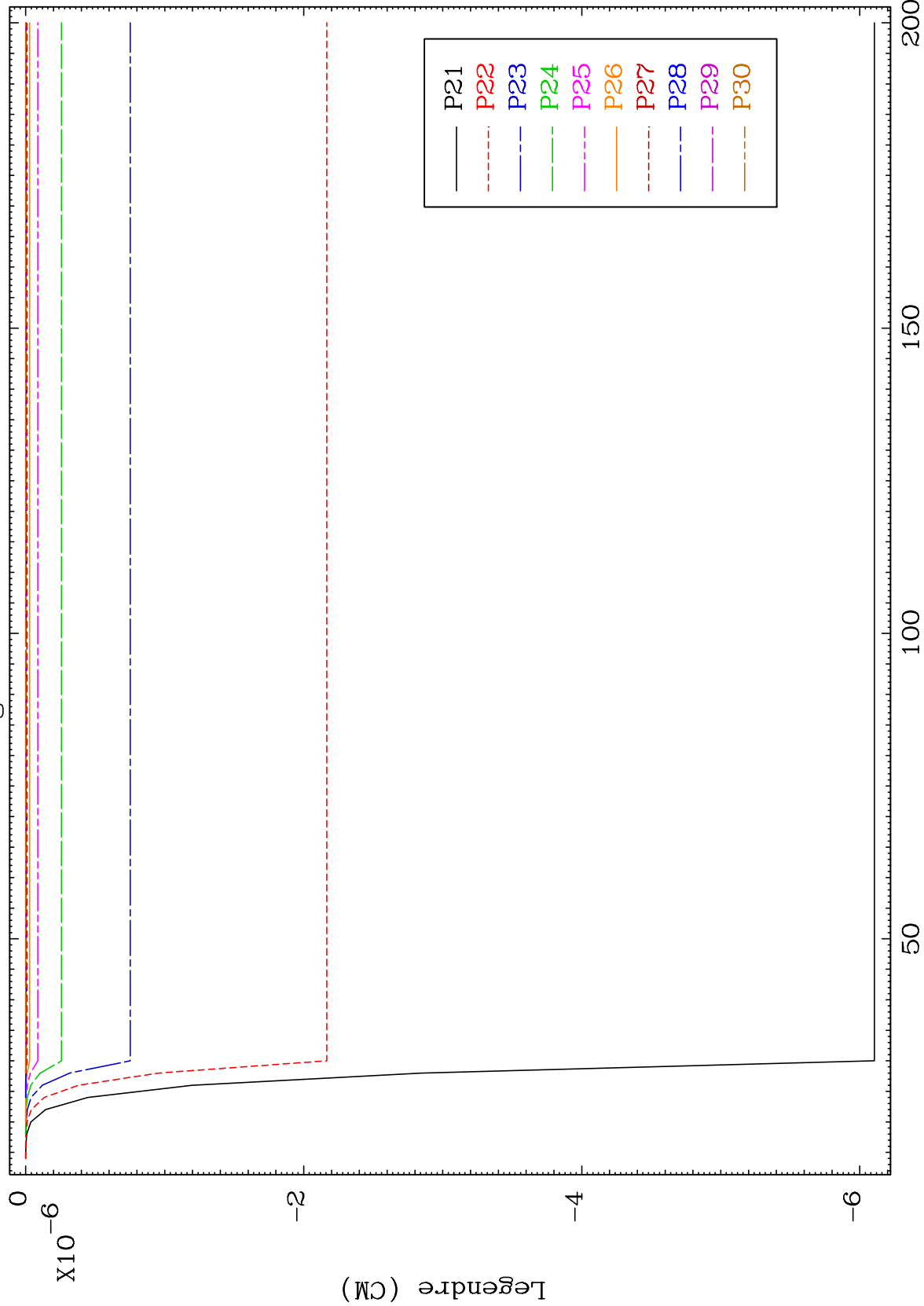
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



102

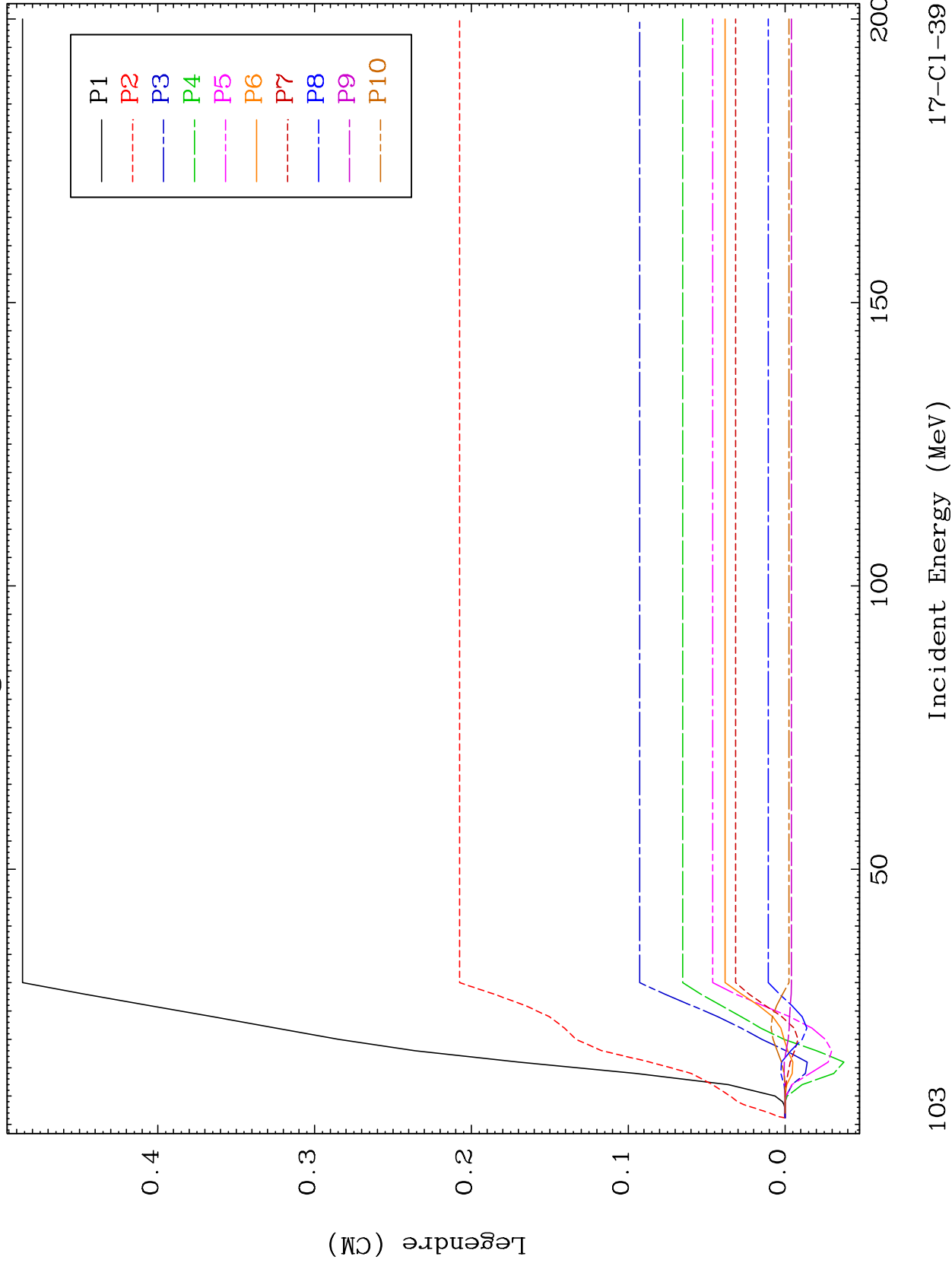
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



17-Cl-39

Incident Energy (MeV)

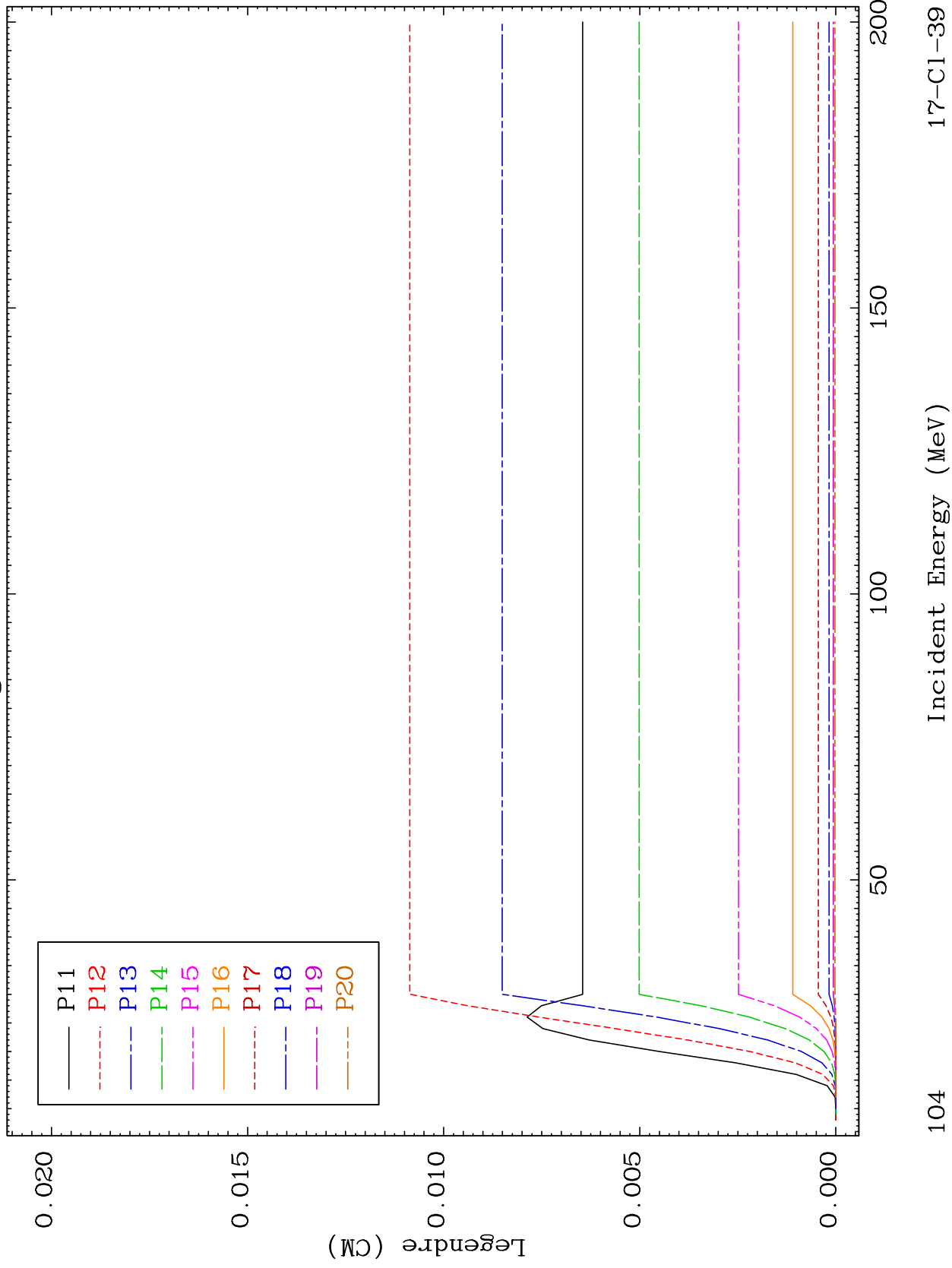
103



MAT 1737

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

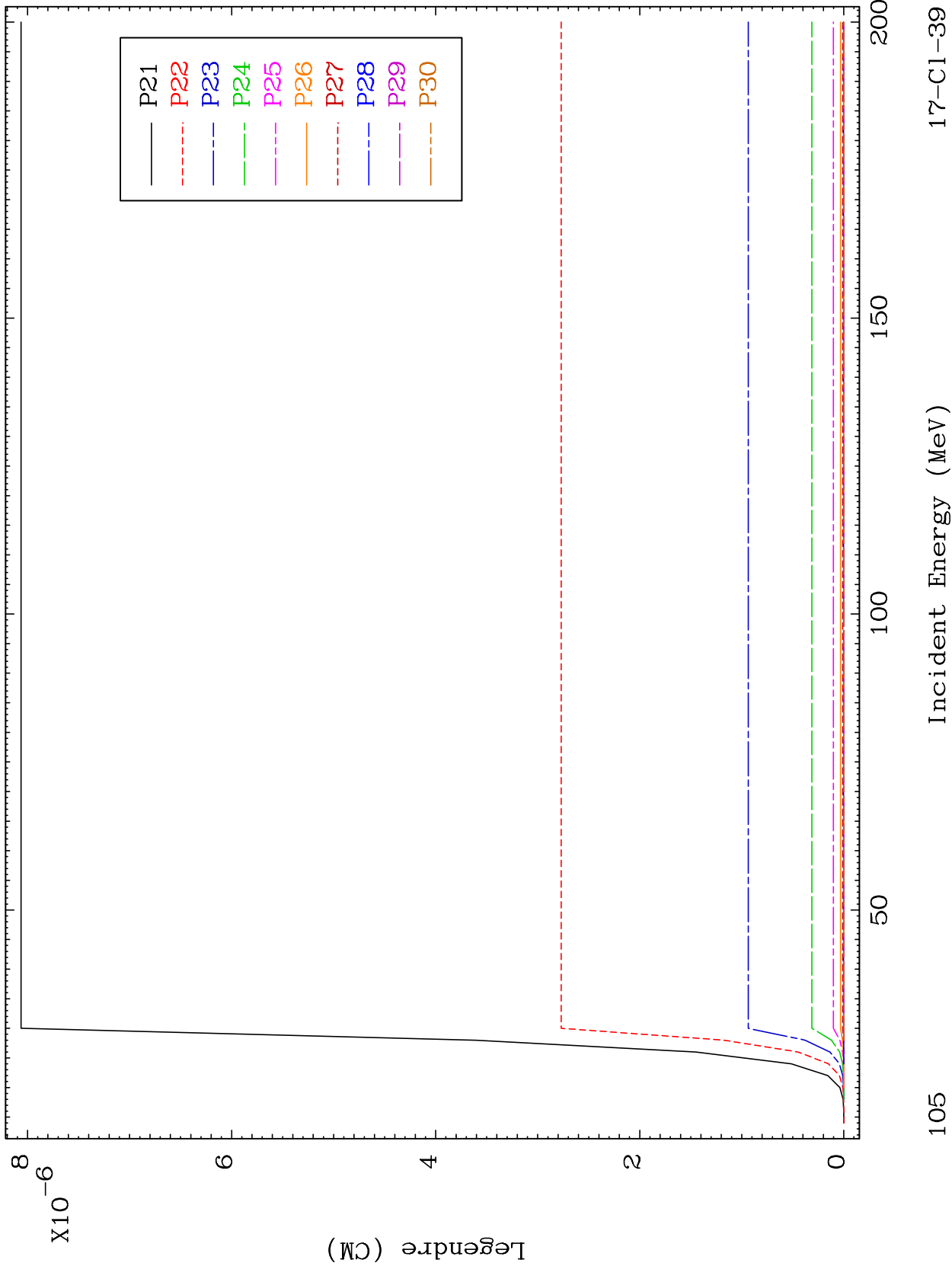
17-Cl-39



MAT 1737

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

17-Cl-39

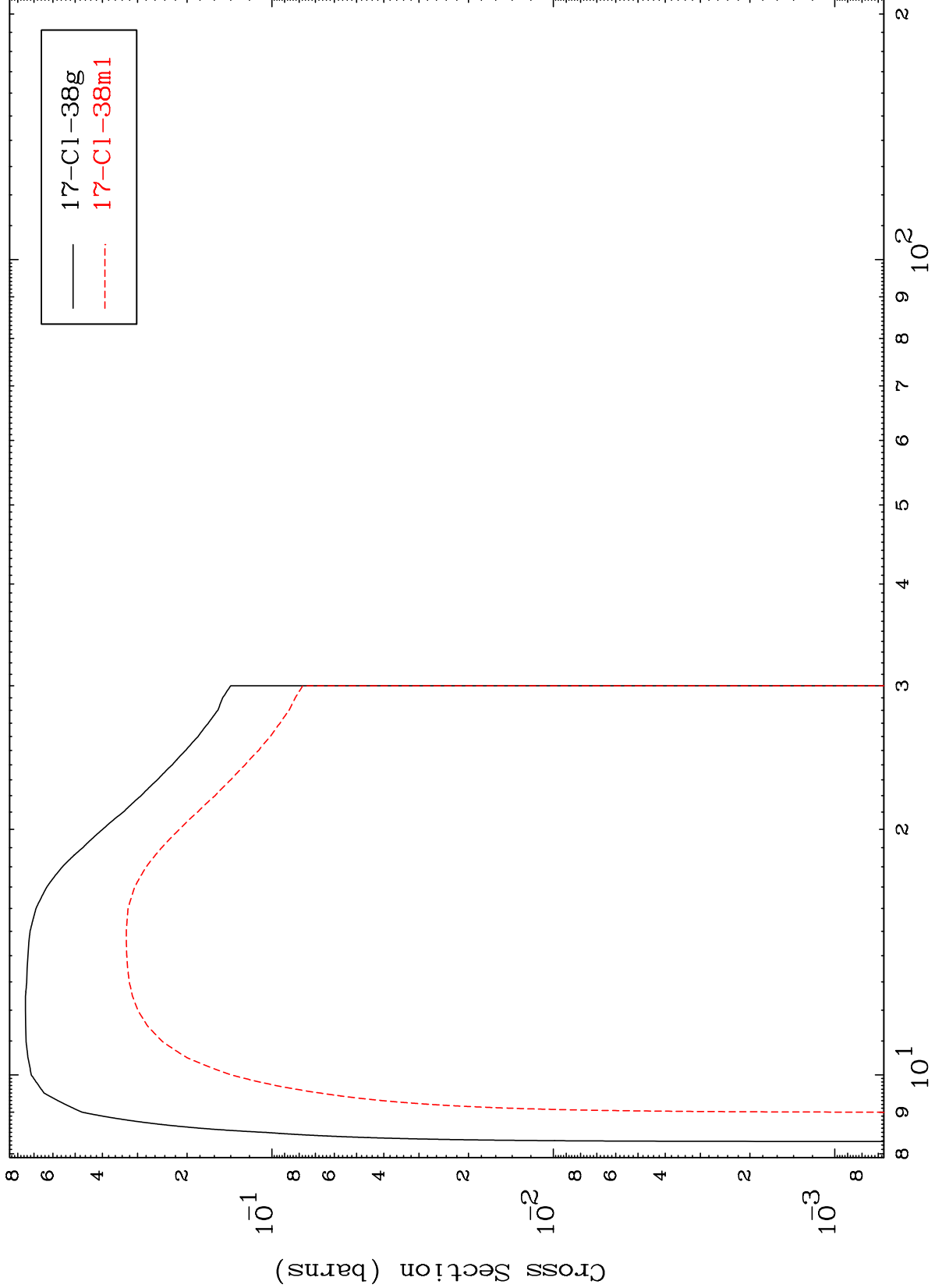


MAT 1737

(n,2n)

17-Cl-39

Radionuclide Production Cross Section



106

Incident Energy (MeV)

17-Cl-39