

Program EVALPLOT
(Version 2018-1)

by

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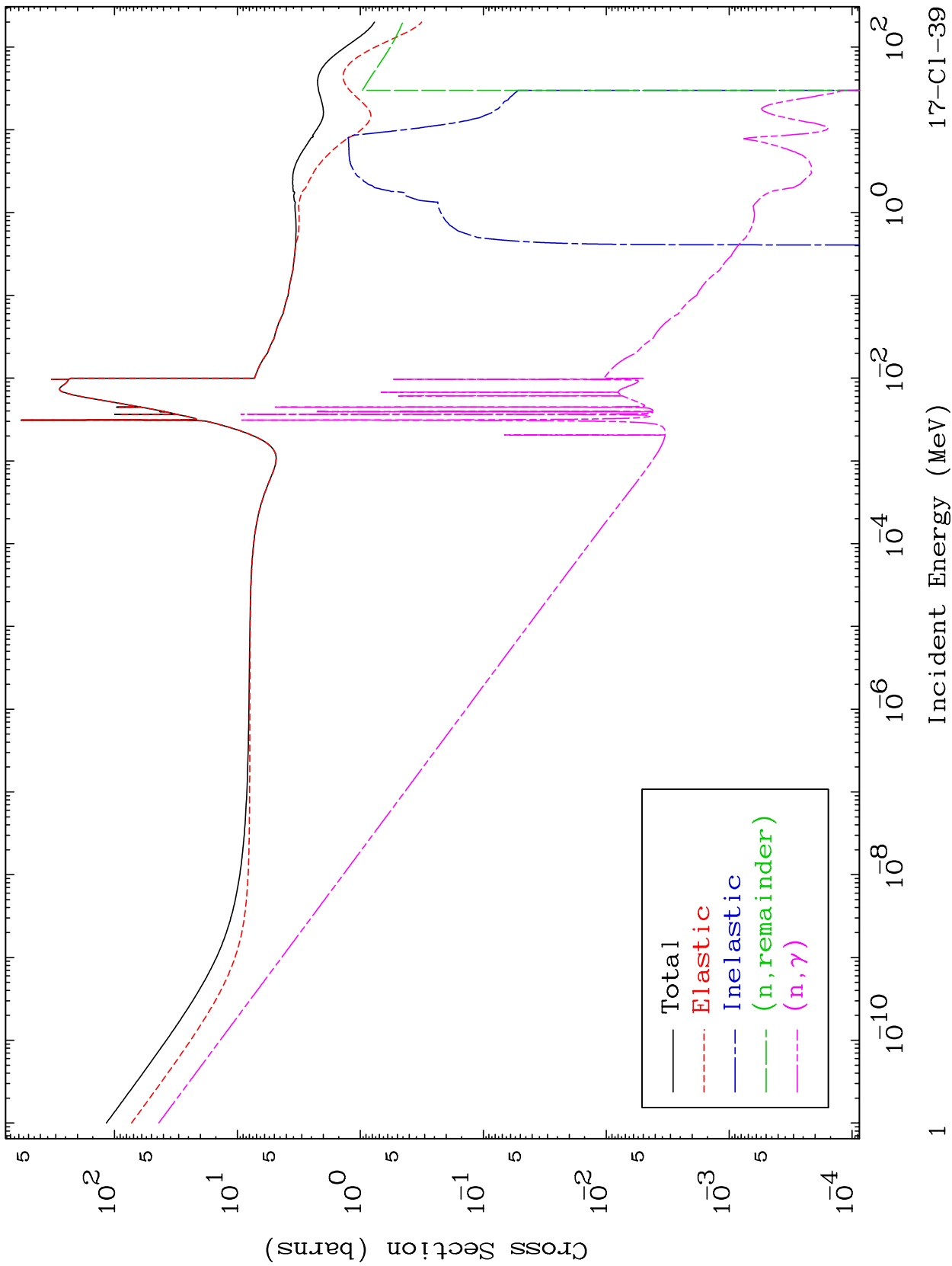
Press Mouse Button to Start

MAT 1737

Major

293 Kelvin Cross Sections

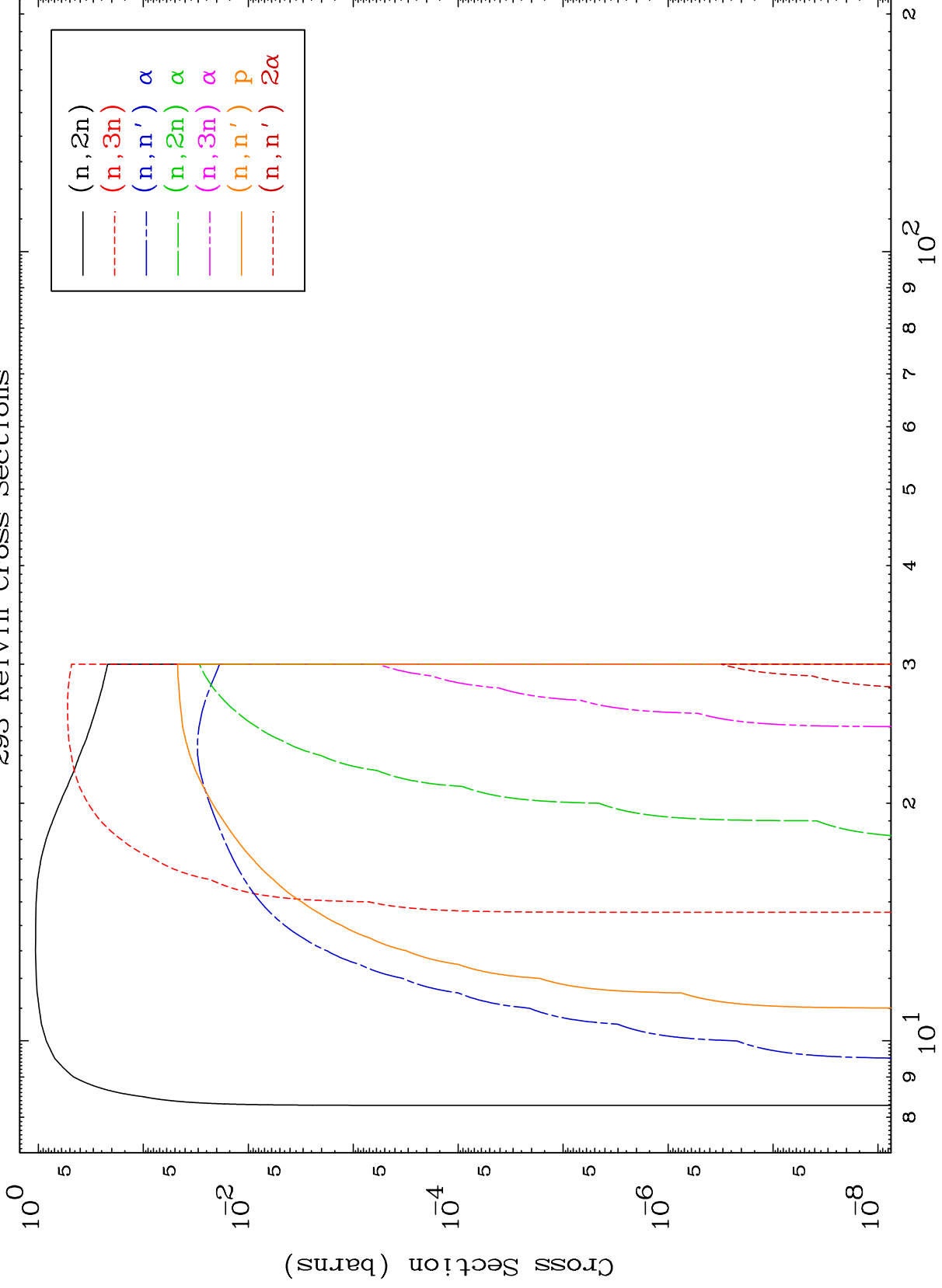
17-Cl-39



MAT 1737

Neutron Production
293 Kelvin Cross Sections

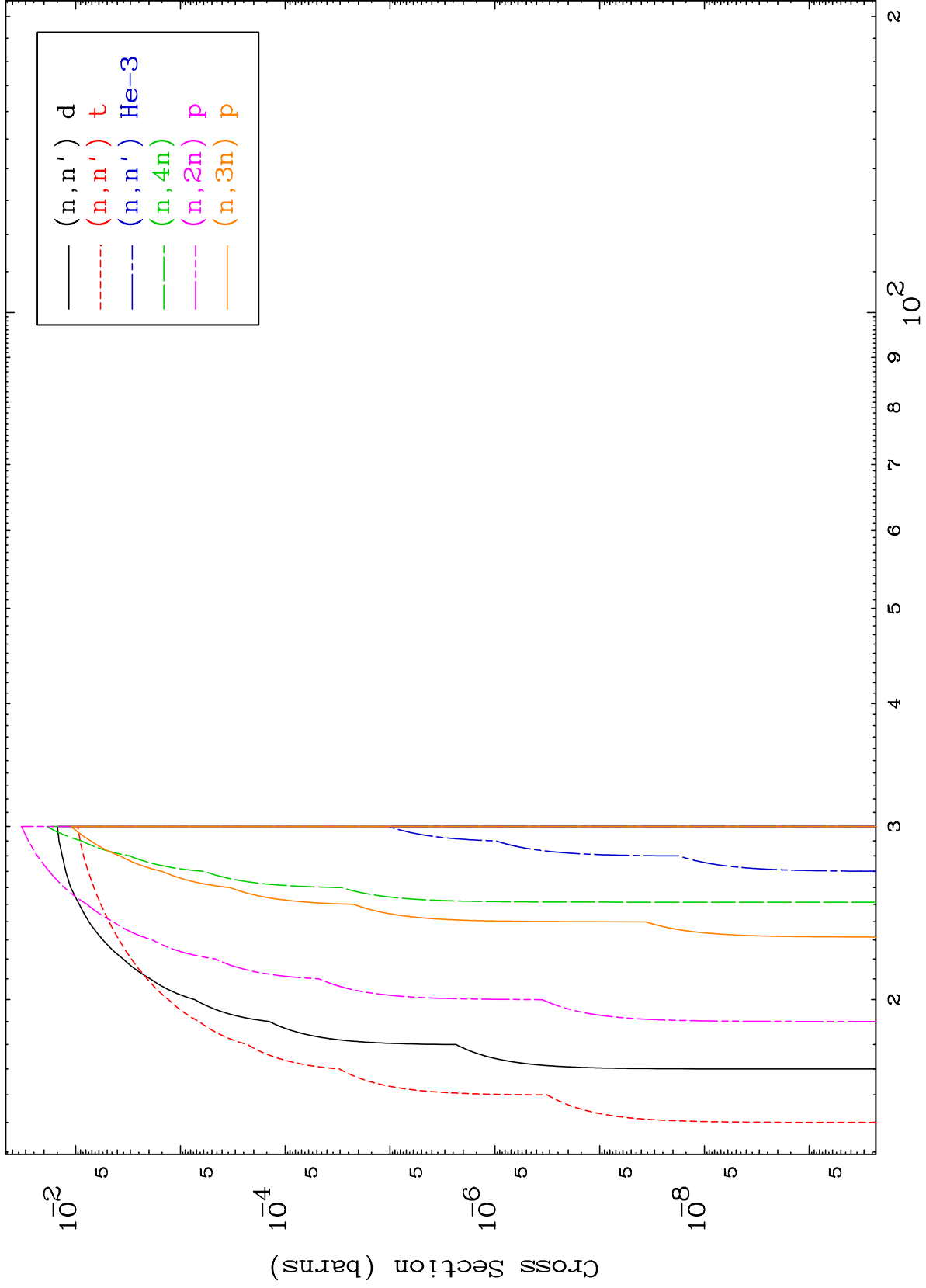
17-Cl-39

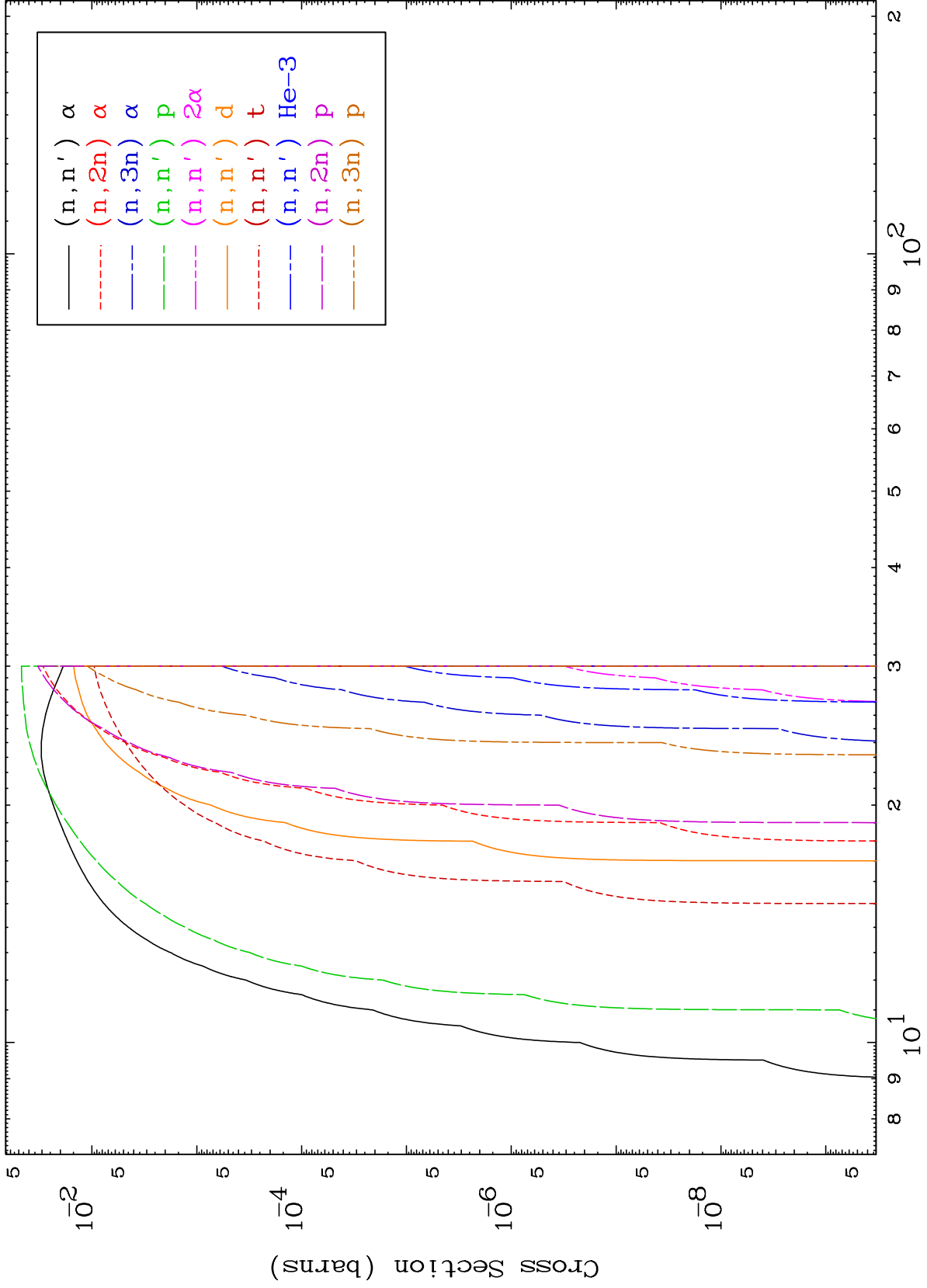


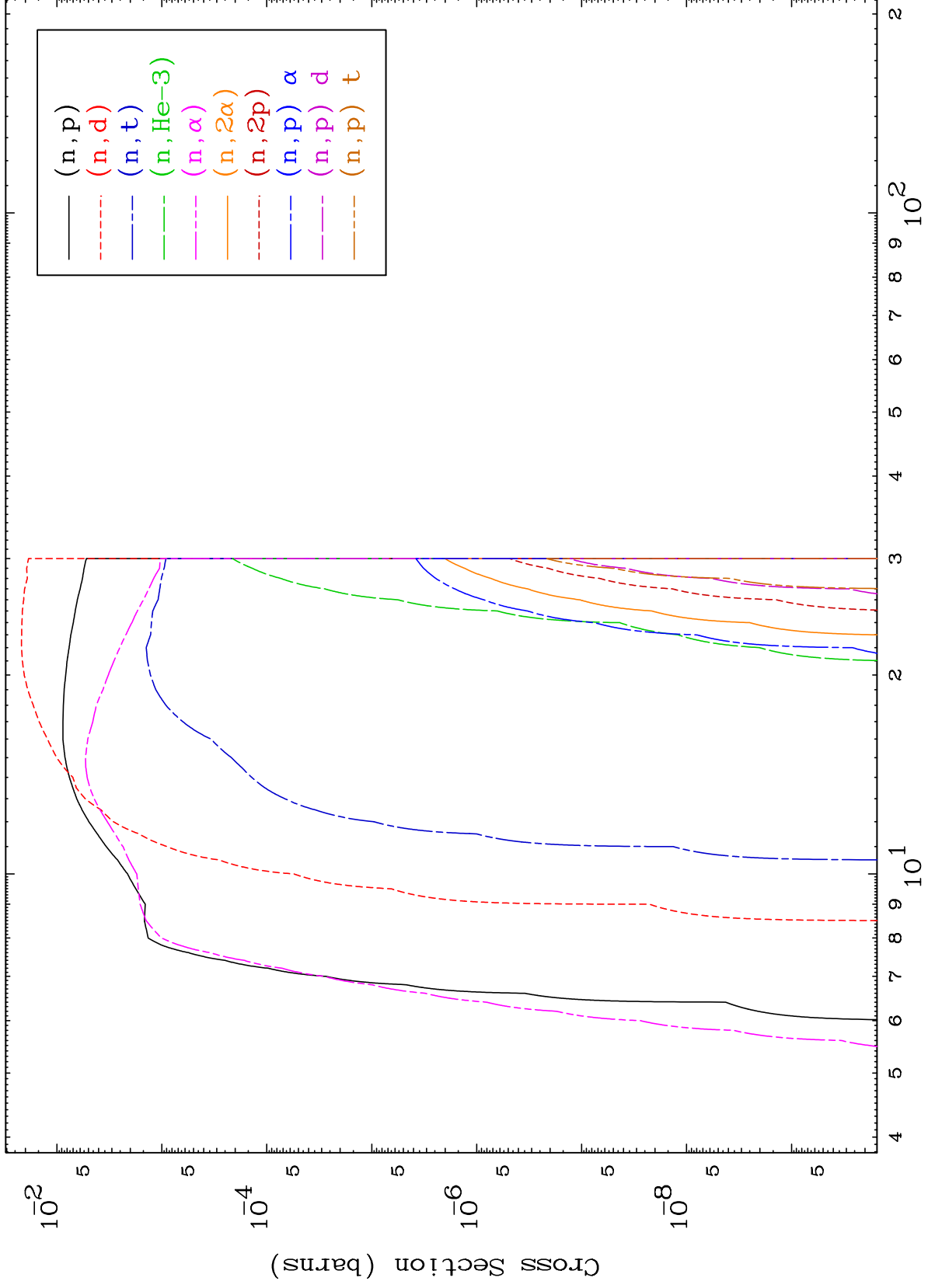
2

Incident Energy (MeV)

17-Cl-39



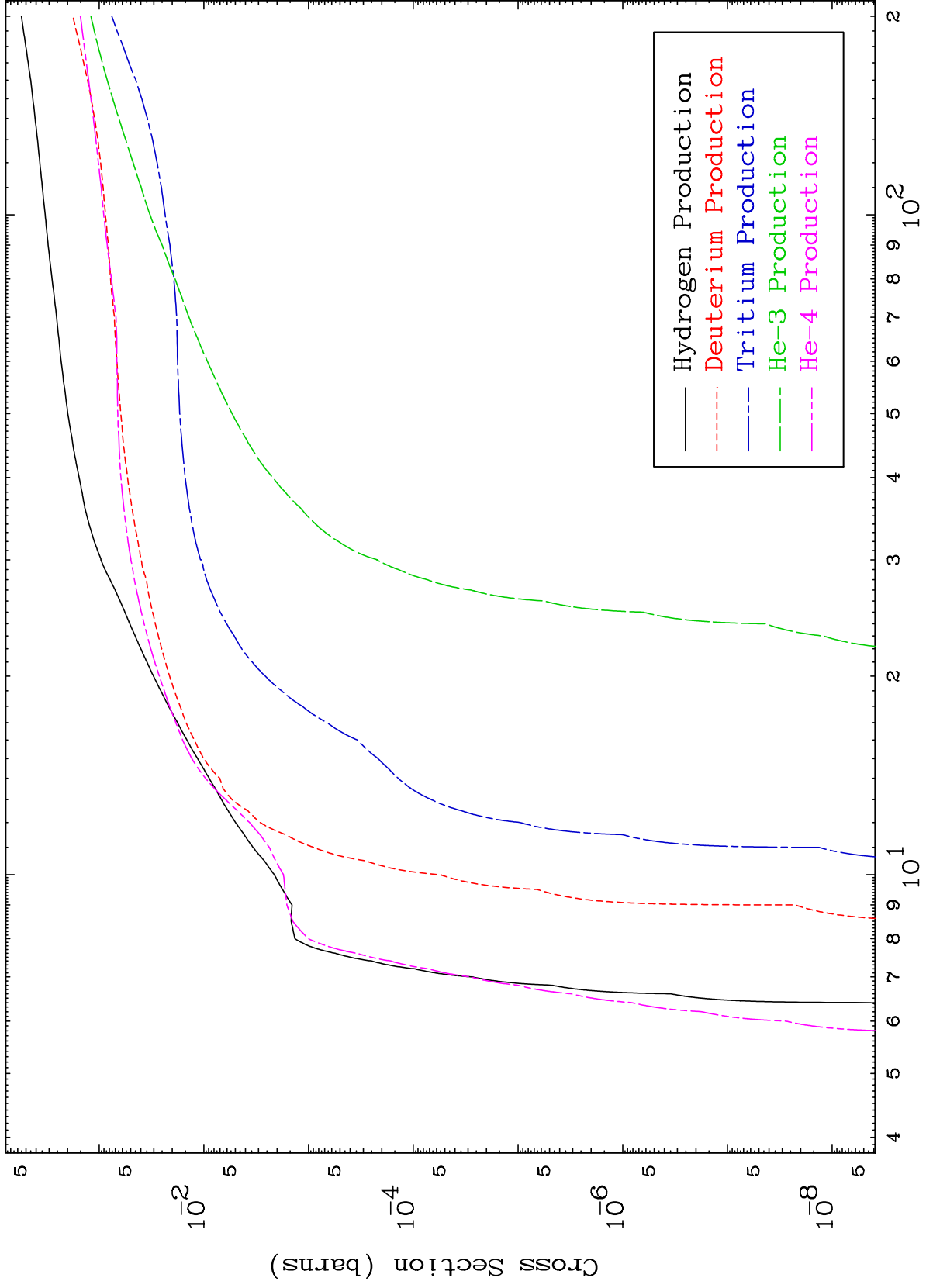




MAT 1737

Particle Production
293 Kelvin Cross Sections

17-Cl-39



6

Incident Energy (MeV)

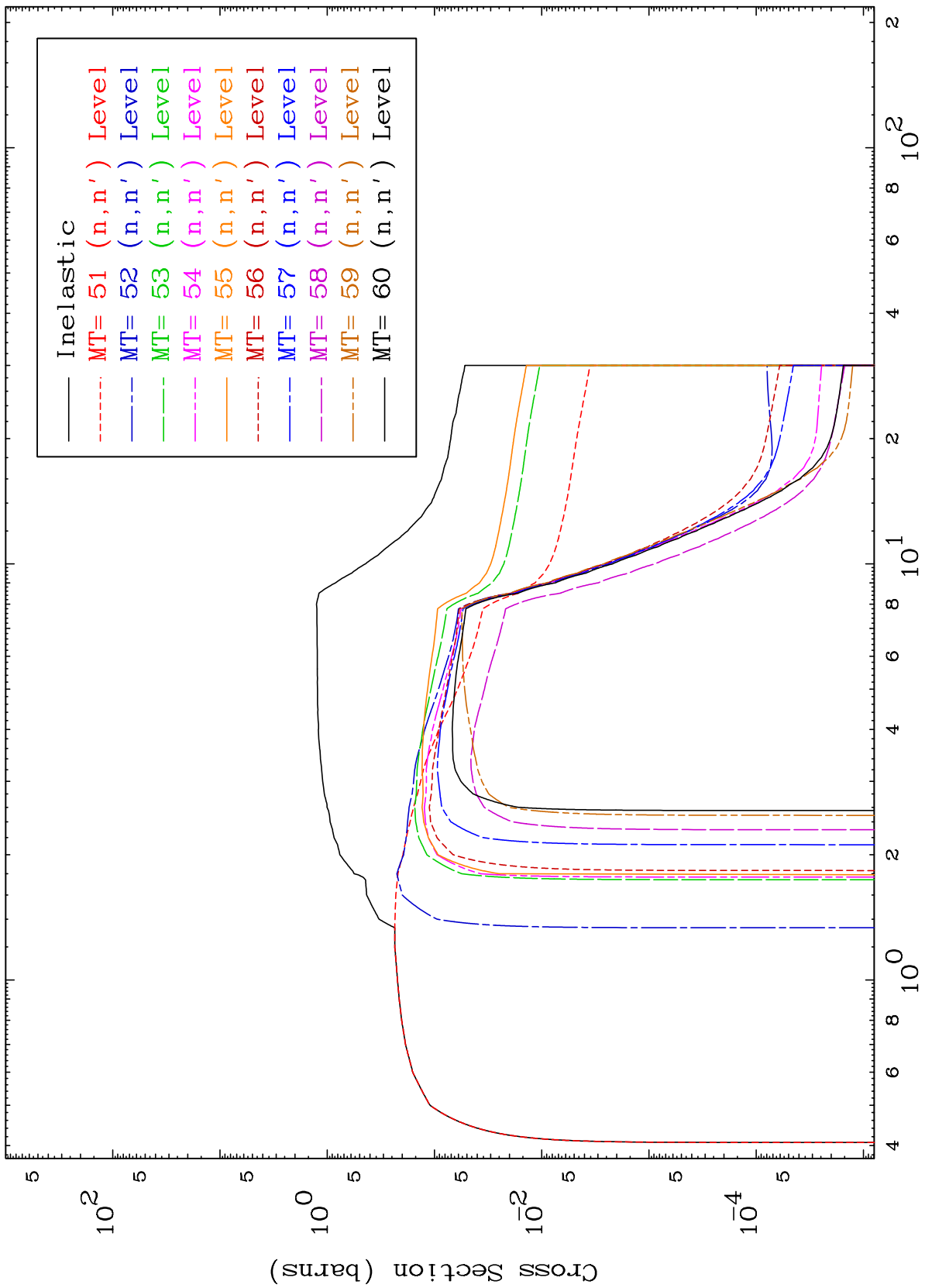
17-Cl-39

MAT 1737

(n,n') Level

17-Cl-39

293 Kelvin Cross Sections



7

Incident Energy (MeV)

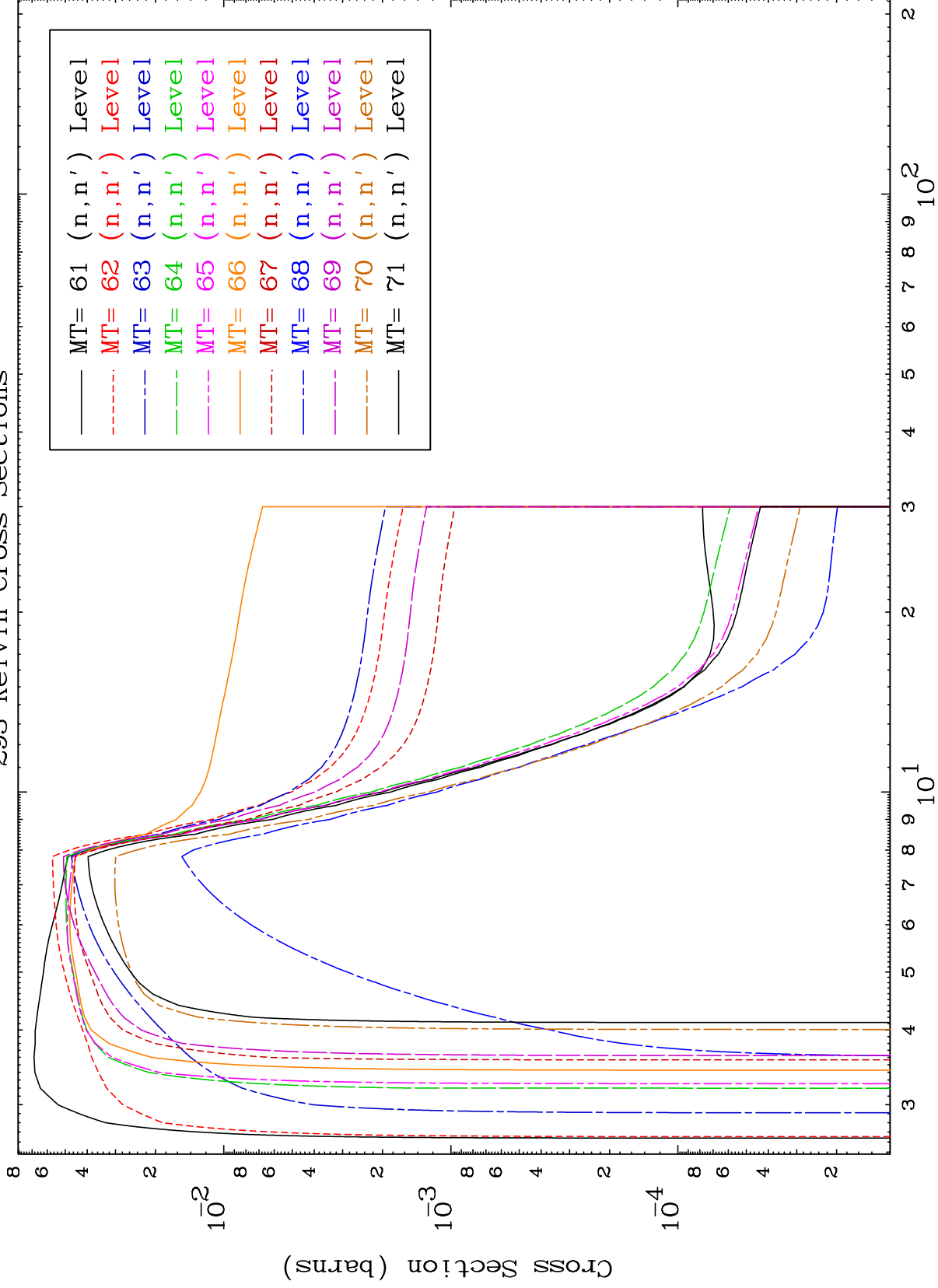
17-Cl-39

MAT 1737

(n,n') Level

17-Cl-39

293 Kelvin Cross Sections

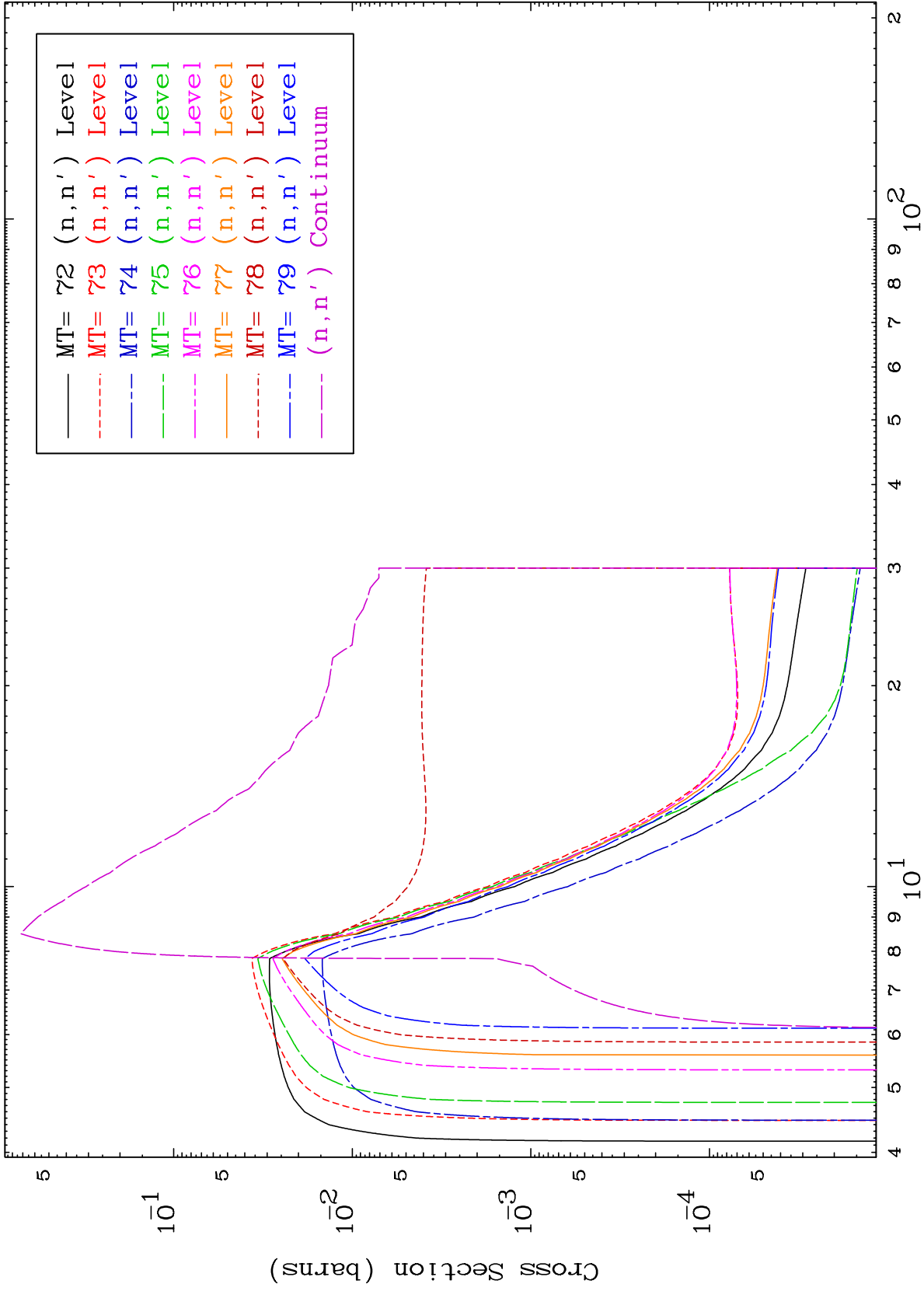


8

Incident Energy (MeV)

17-Cl-39

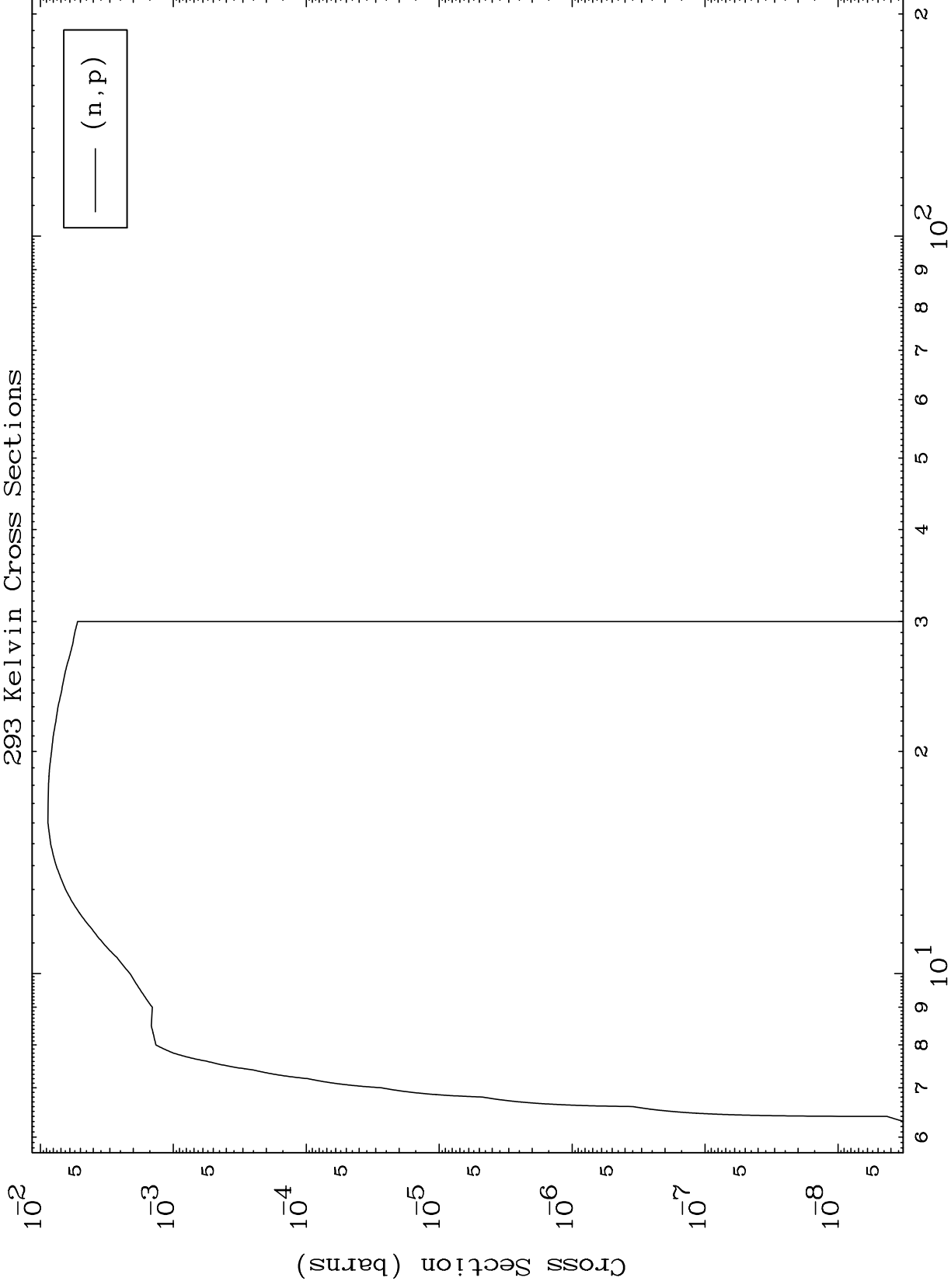
293 Kelvin Cross Sections



MAT 1737

(n,p) Levels
293 Kelvin Cross Sections

17-Cl-39



Incident Energy (MeV)

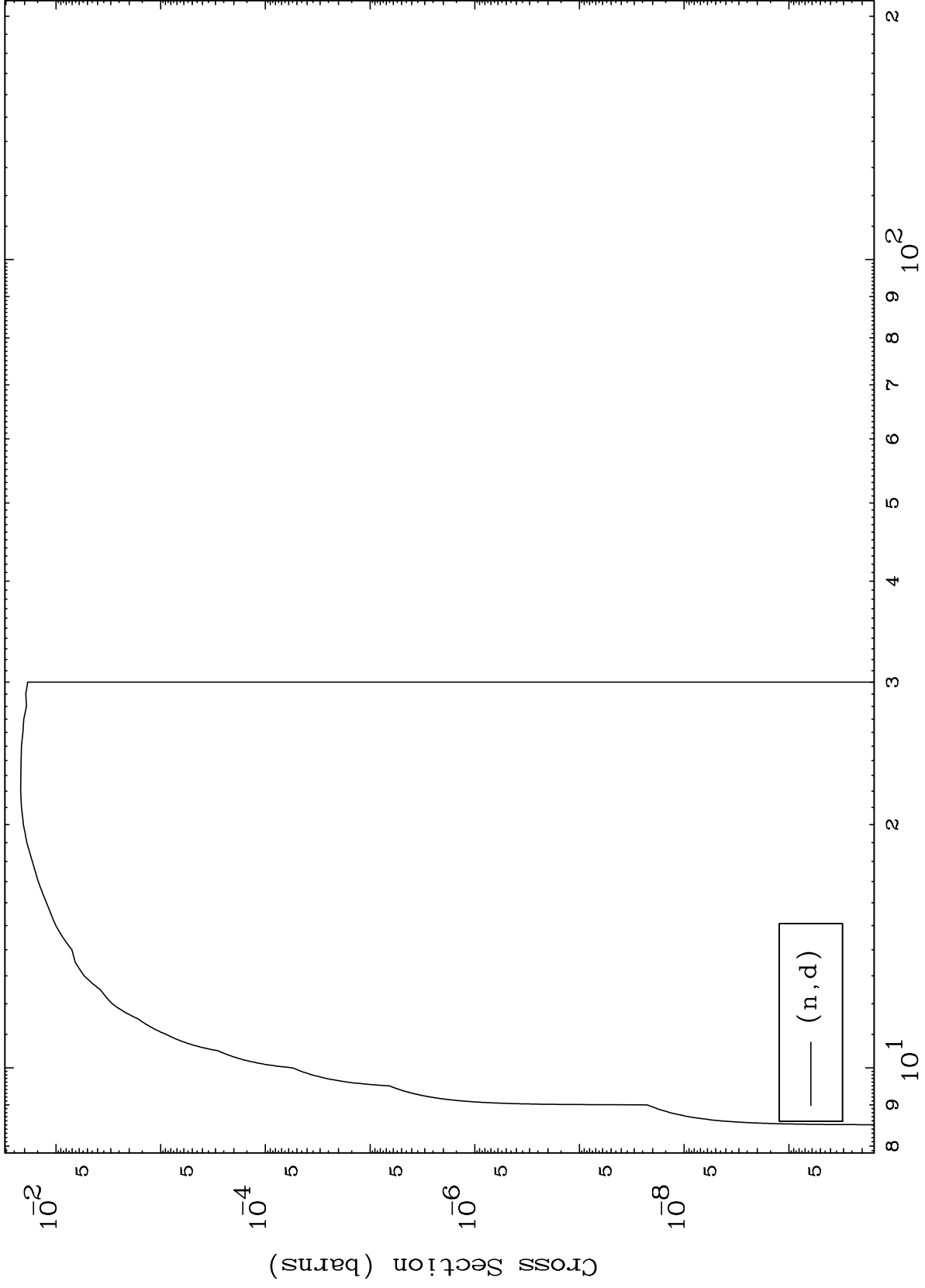
17-Cl-39

10

MAT 1737

(n,d) Levels
293 Kelvin Cross Sections

17-Cl-39



11

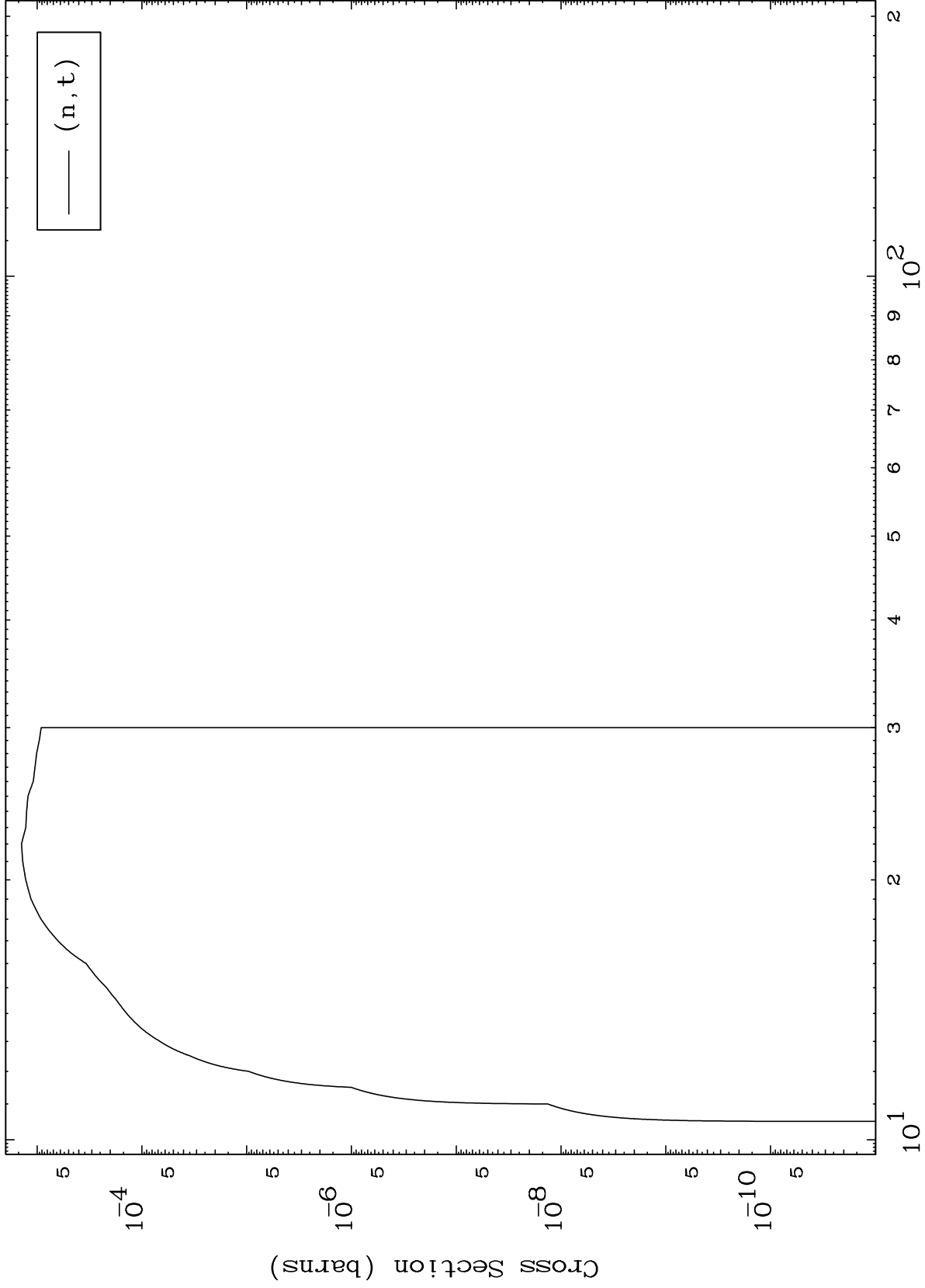
Incident Energy (MeV)

17-Cl-39

MAT 1737

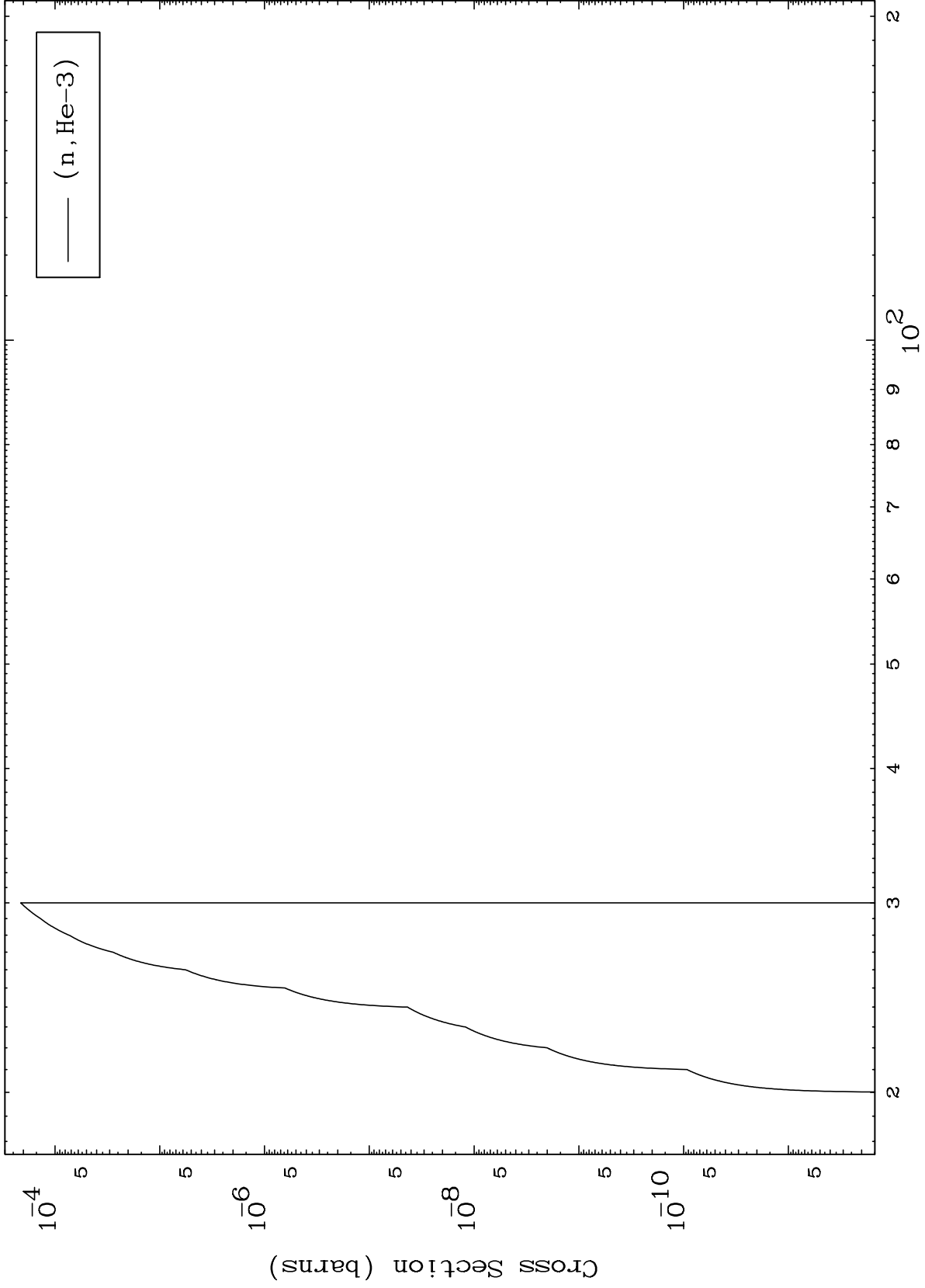
(n,t) Levels
293 Kelvin Cross Sections

17-Cl-39



Incident Energy (MeV)

17-Cl-39

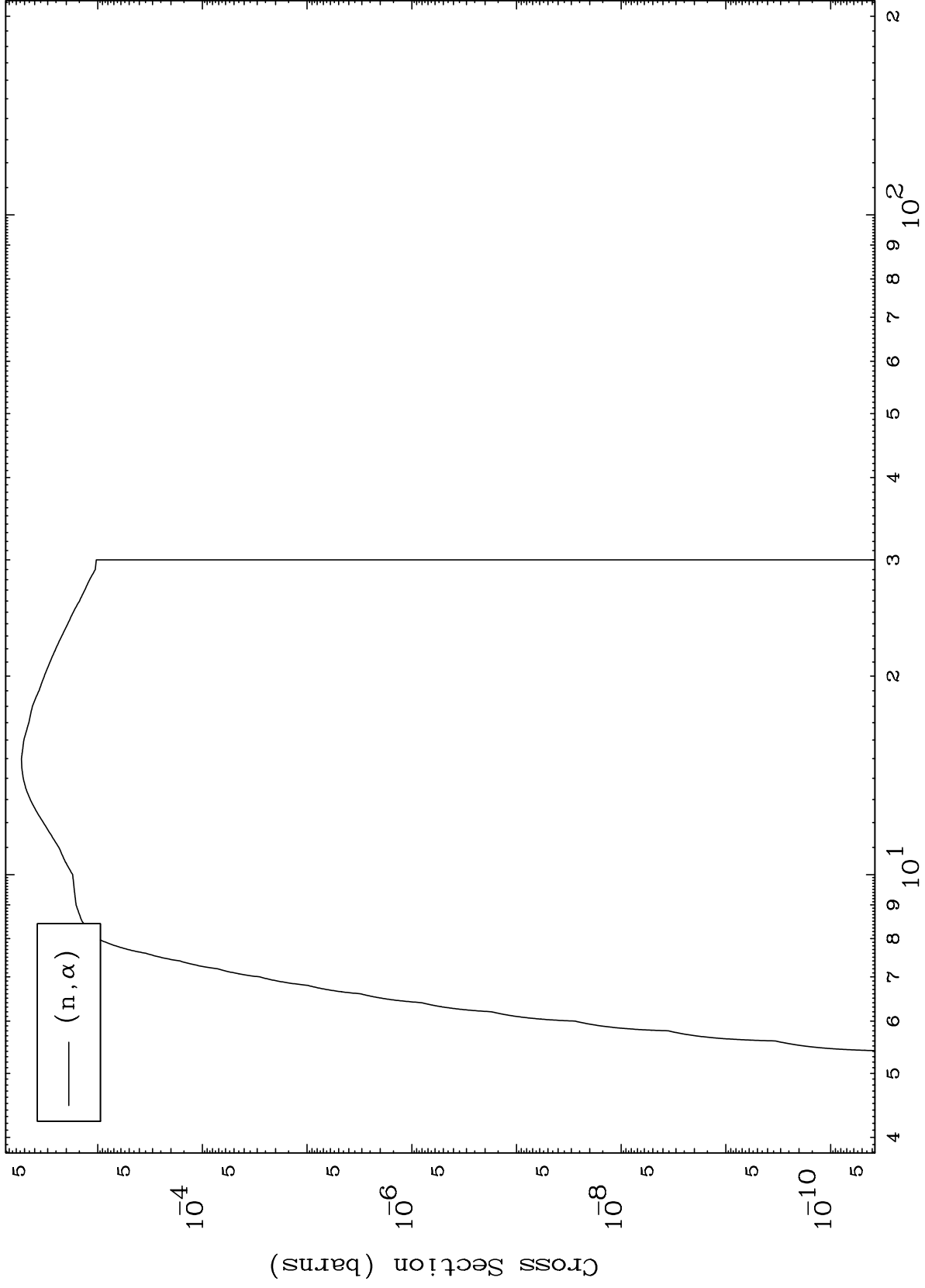


(n, He-3)

MAT 1737

(n, α) Levels
293 Kelvin Cross Sections

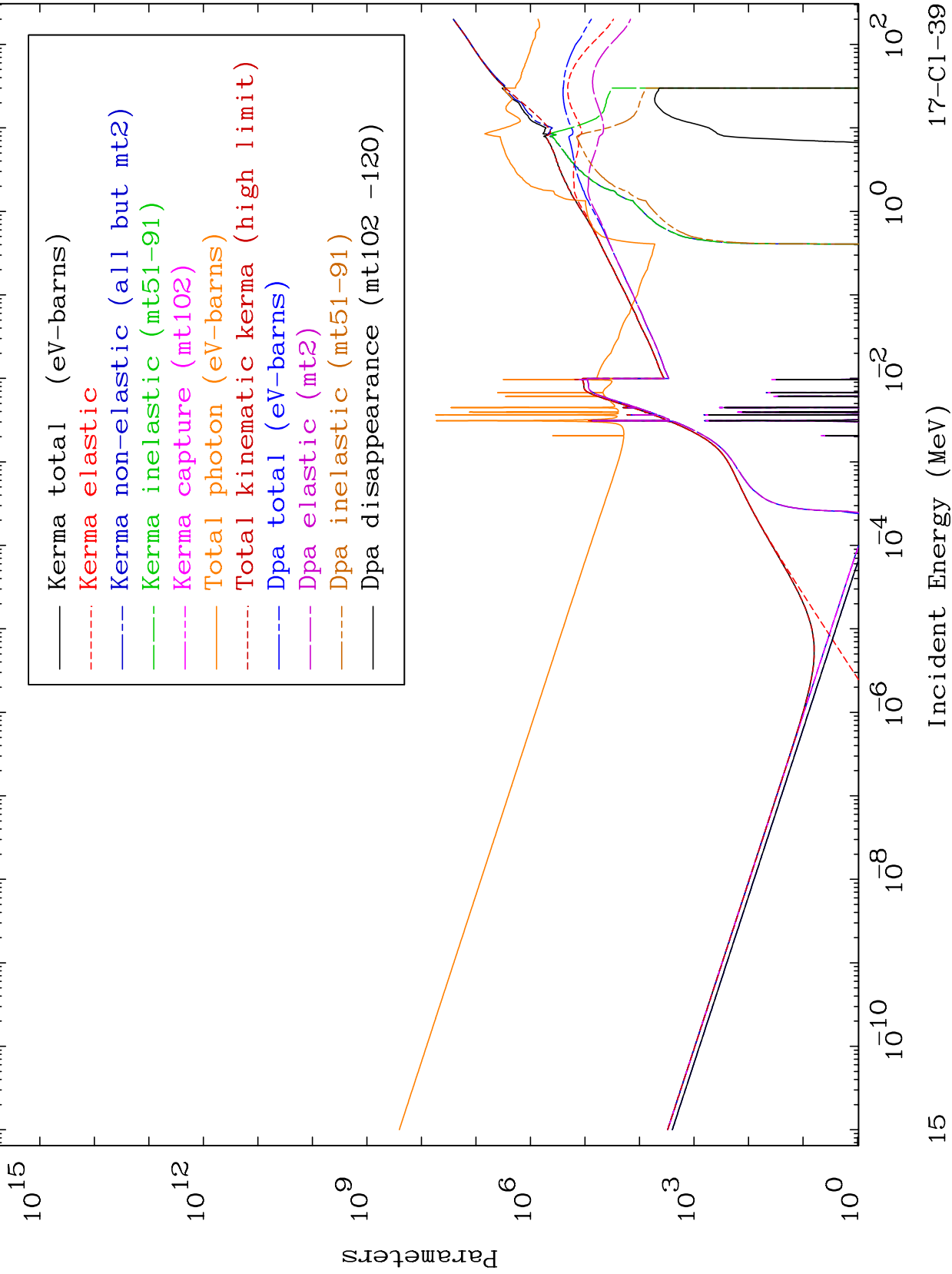
17-Cl-39



14

Incident Energy (MeV)

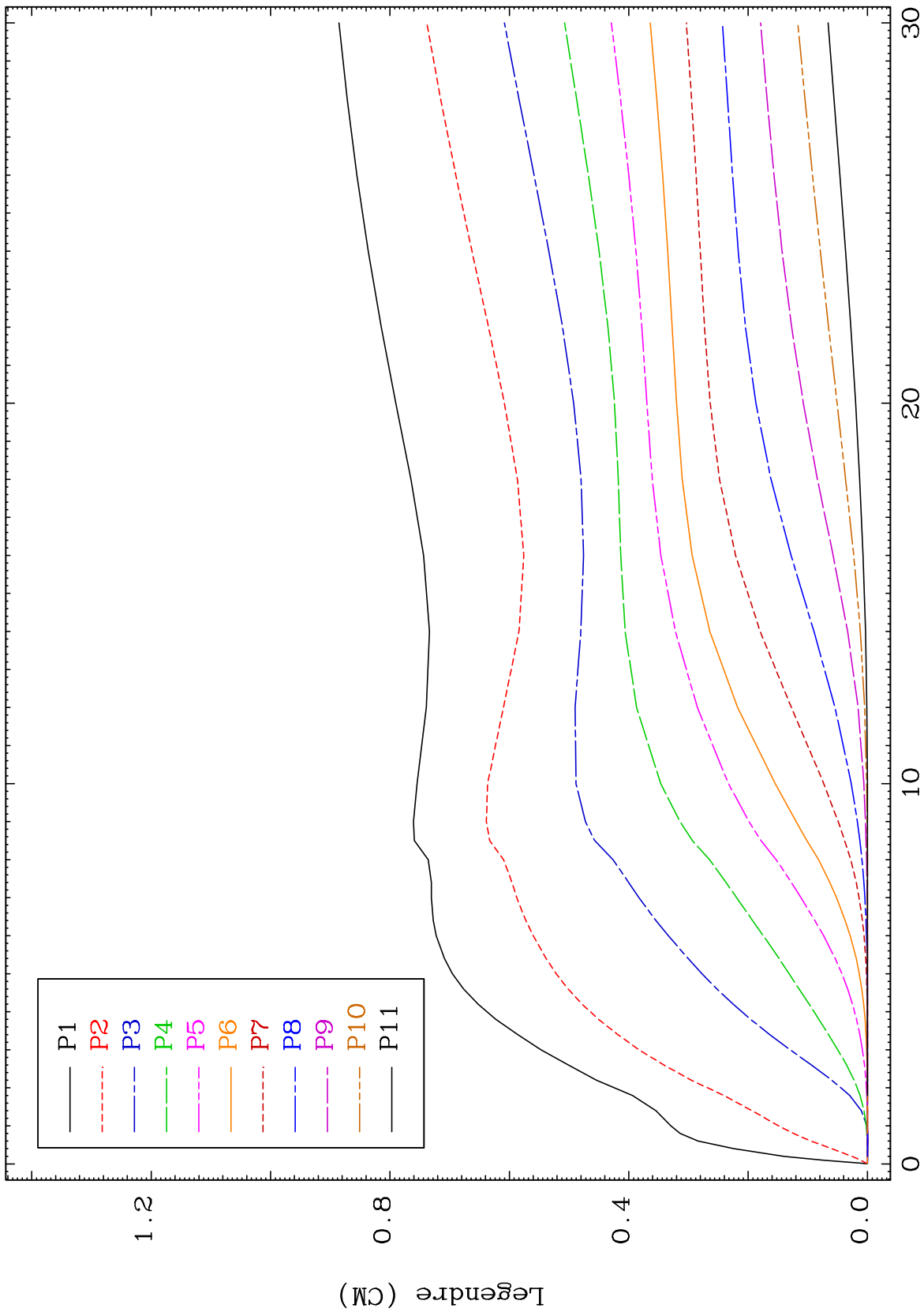
17-Cl-39



MAT 1737

Elastic Legendre Coefficients

17-Cl-39



16

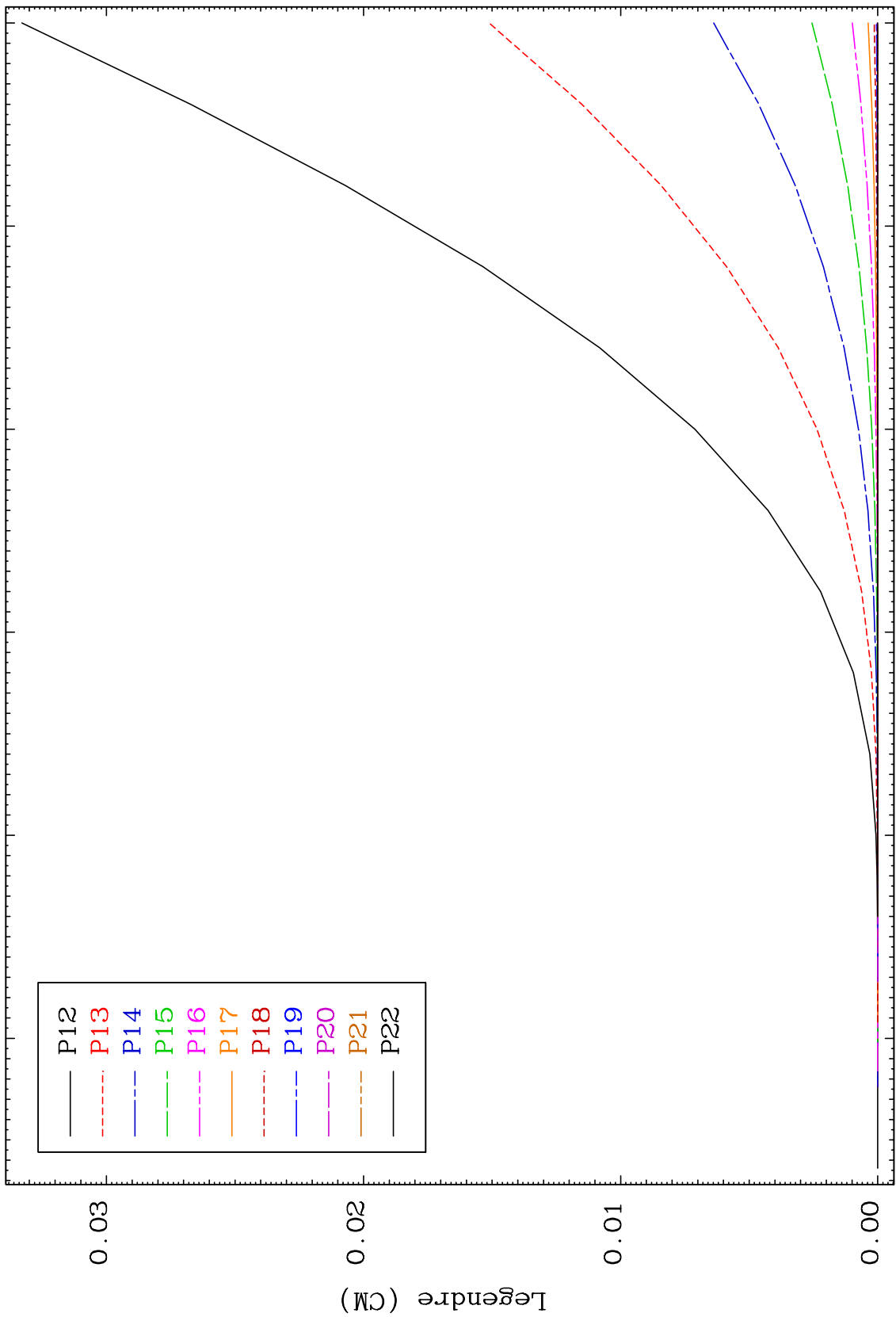
Incident Energy (MeV)

17-Cl-39

MAT 1737

Elastic Legendre Coefficients

17-Cl-39



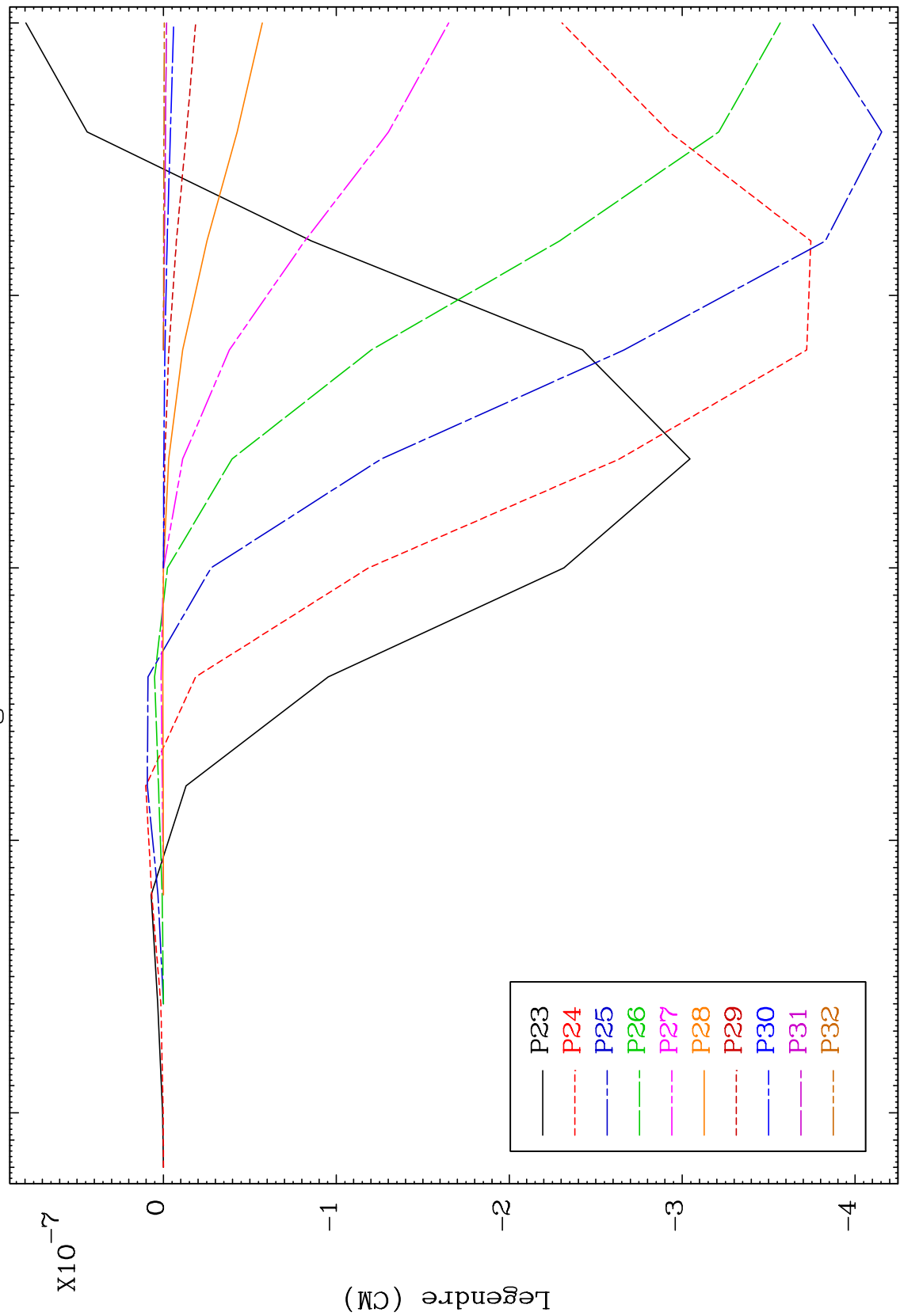
17

17-Cl-39

MAT 1737

Elastic Legendre Coefficients

17-Cl-39



18

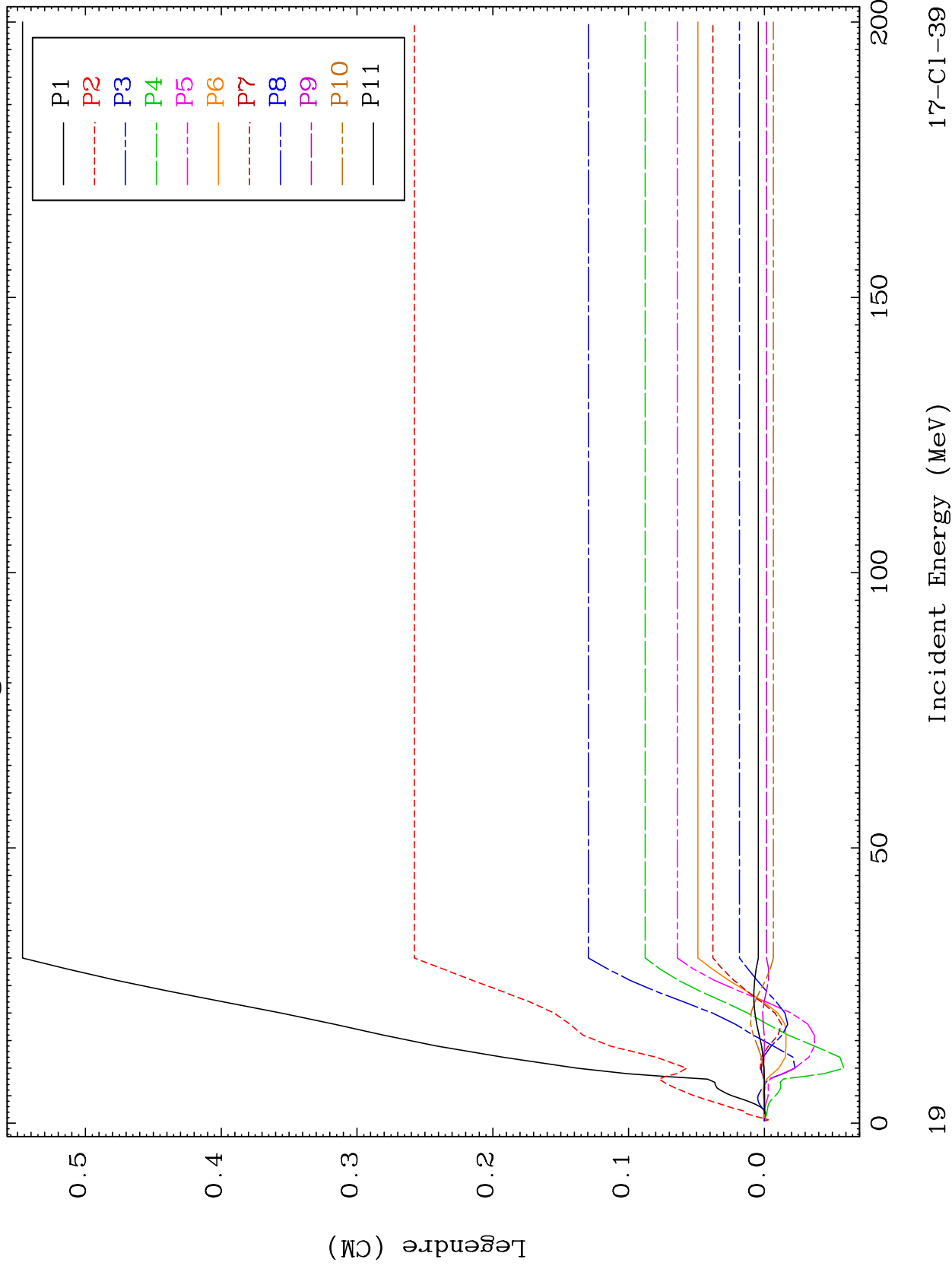
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39

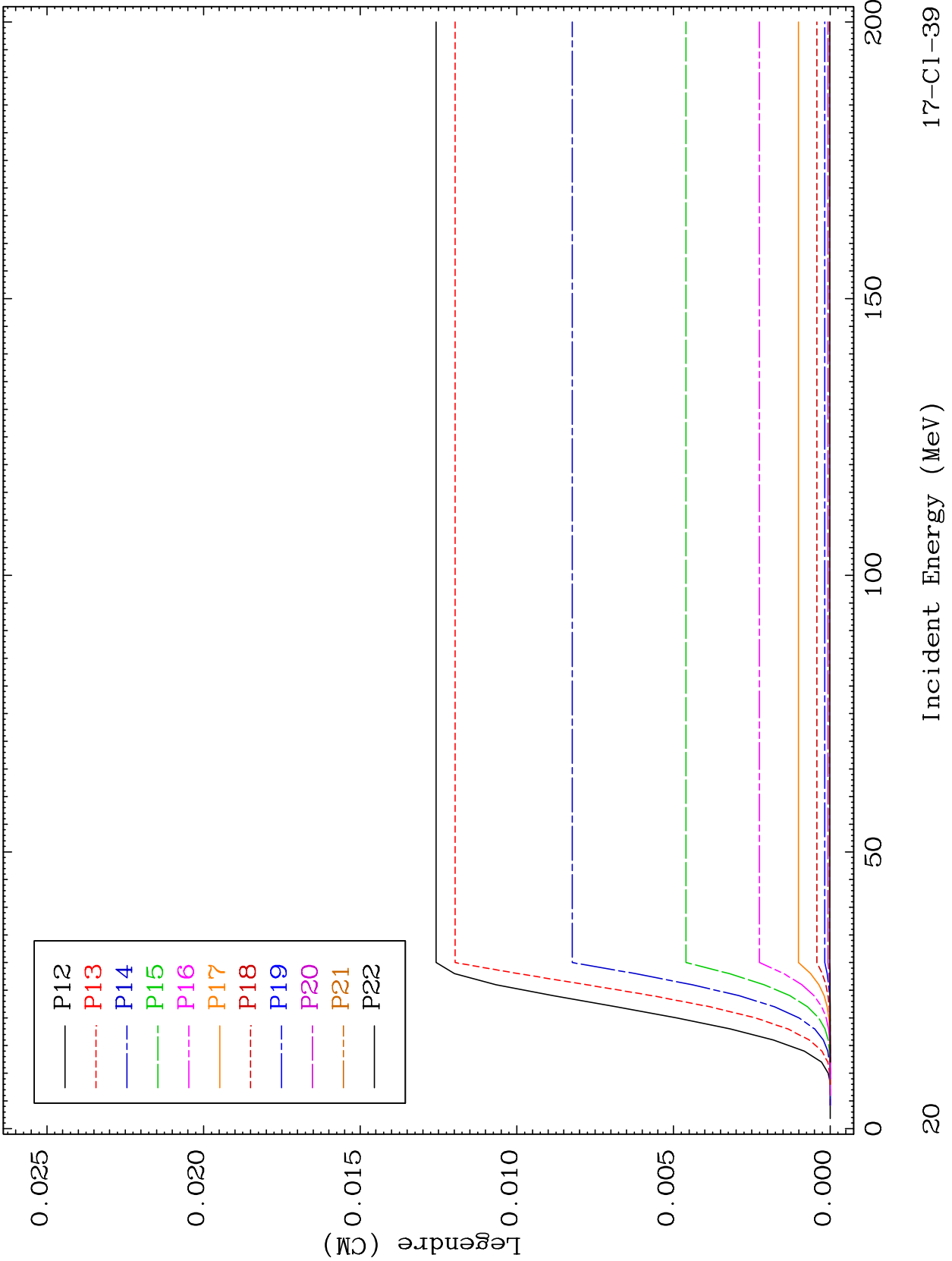


19

MAT 1737

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

17-Cl-39

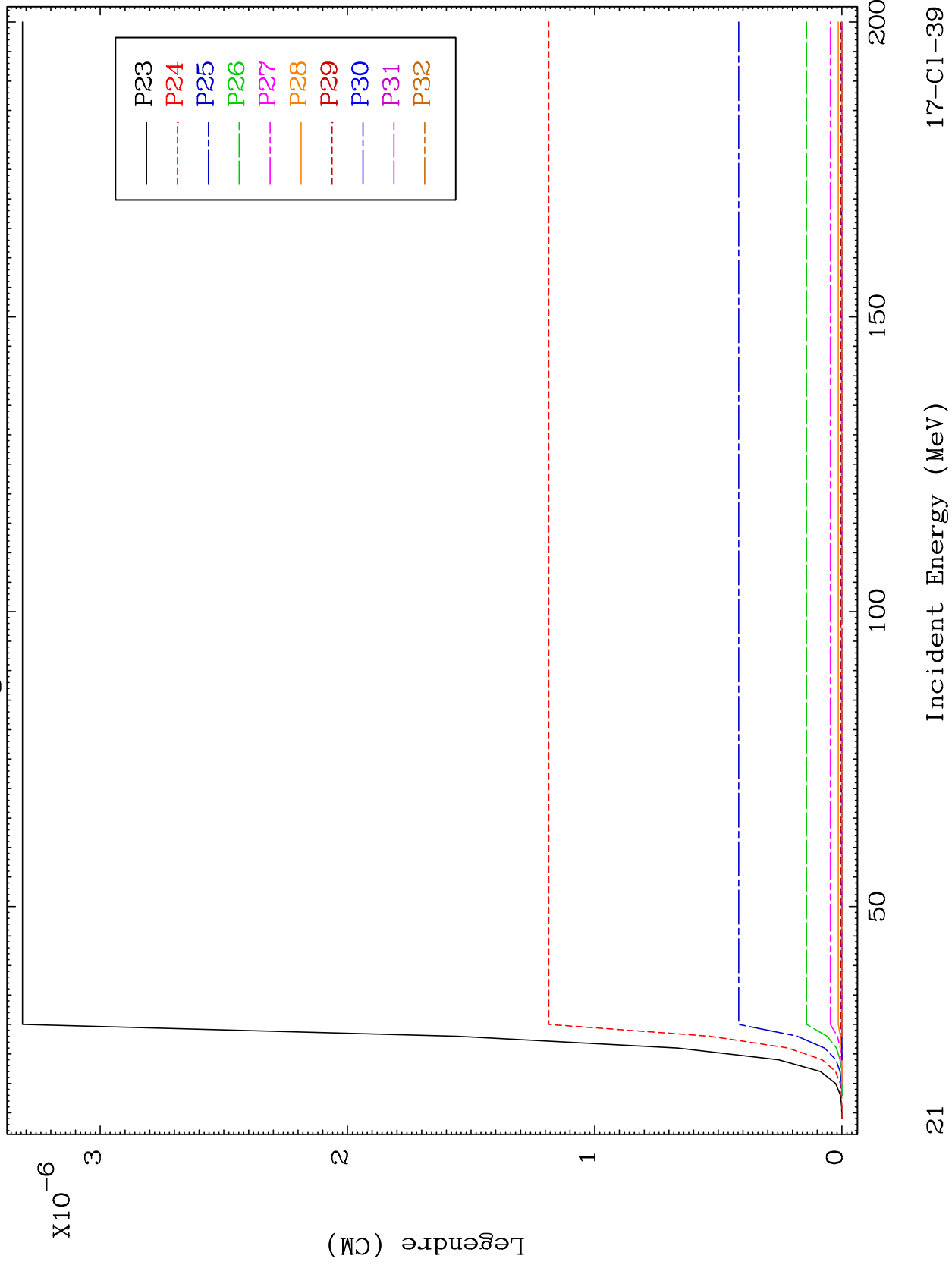


17-Cl-39

MAT 1737

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

17-Cl-39



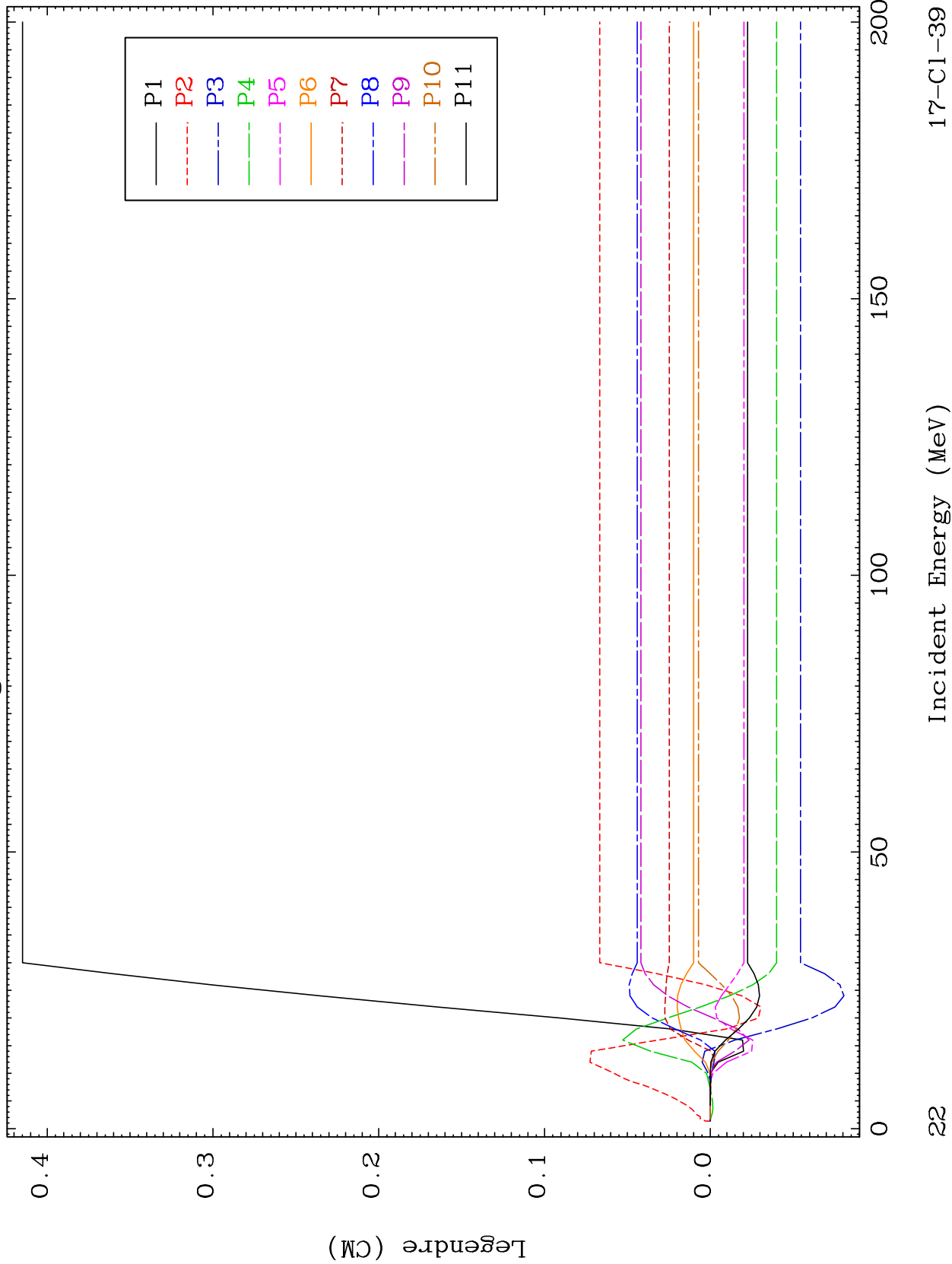
21

17-Cl-39

MAT 1737

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

17-C1-39

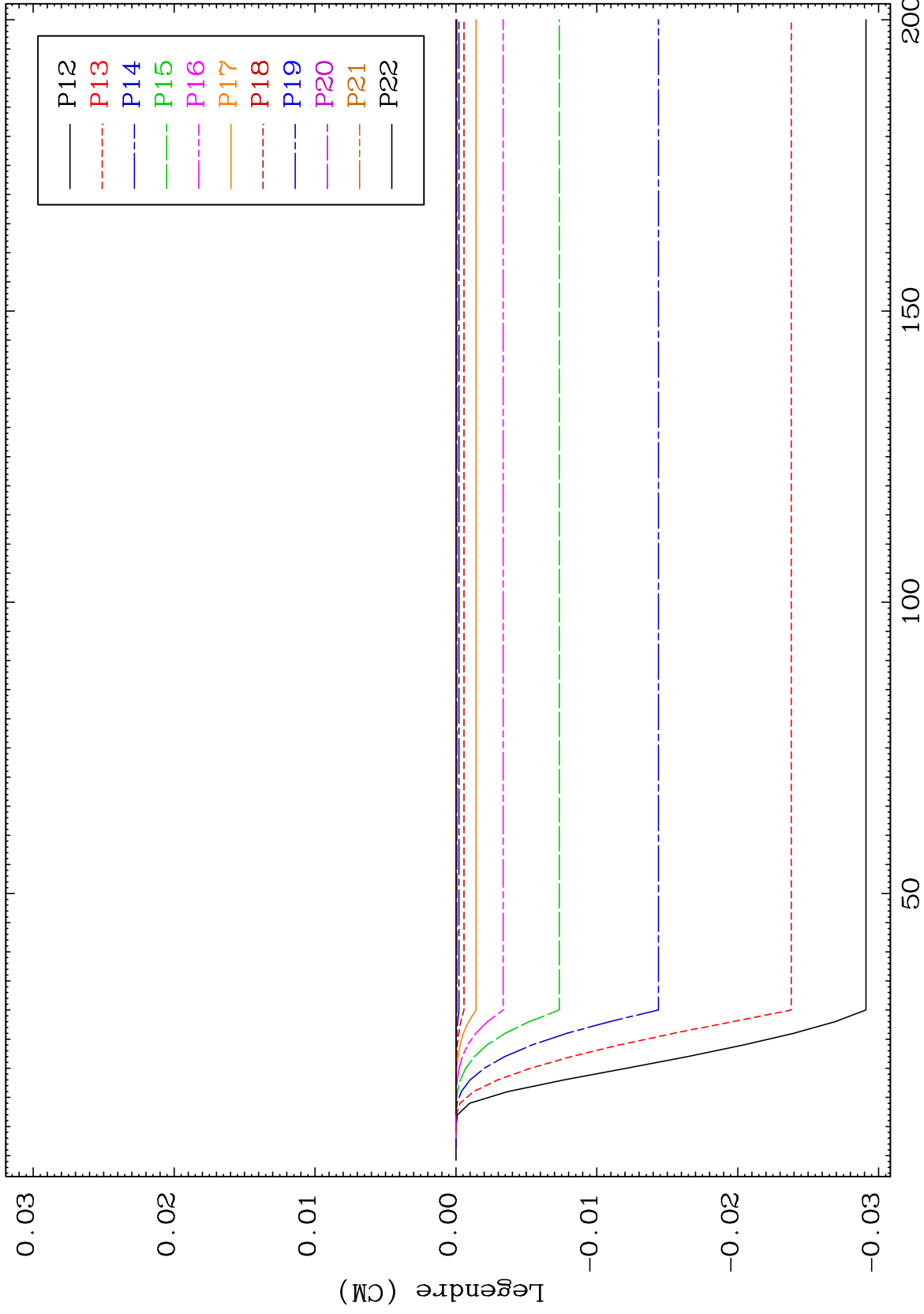


22

MAT 1737

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

17-Cl-39



23

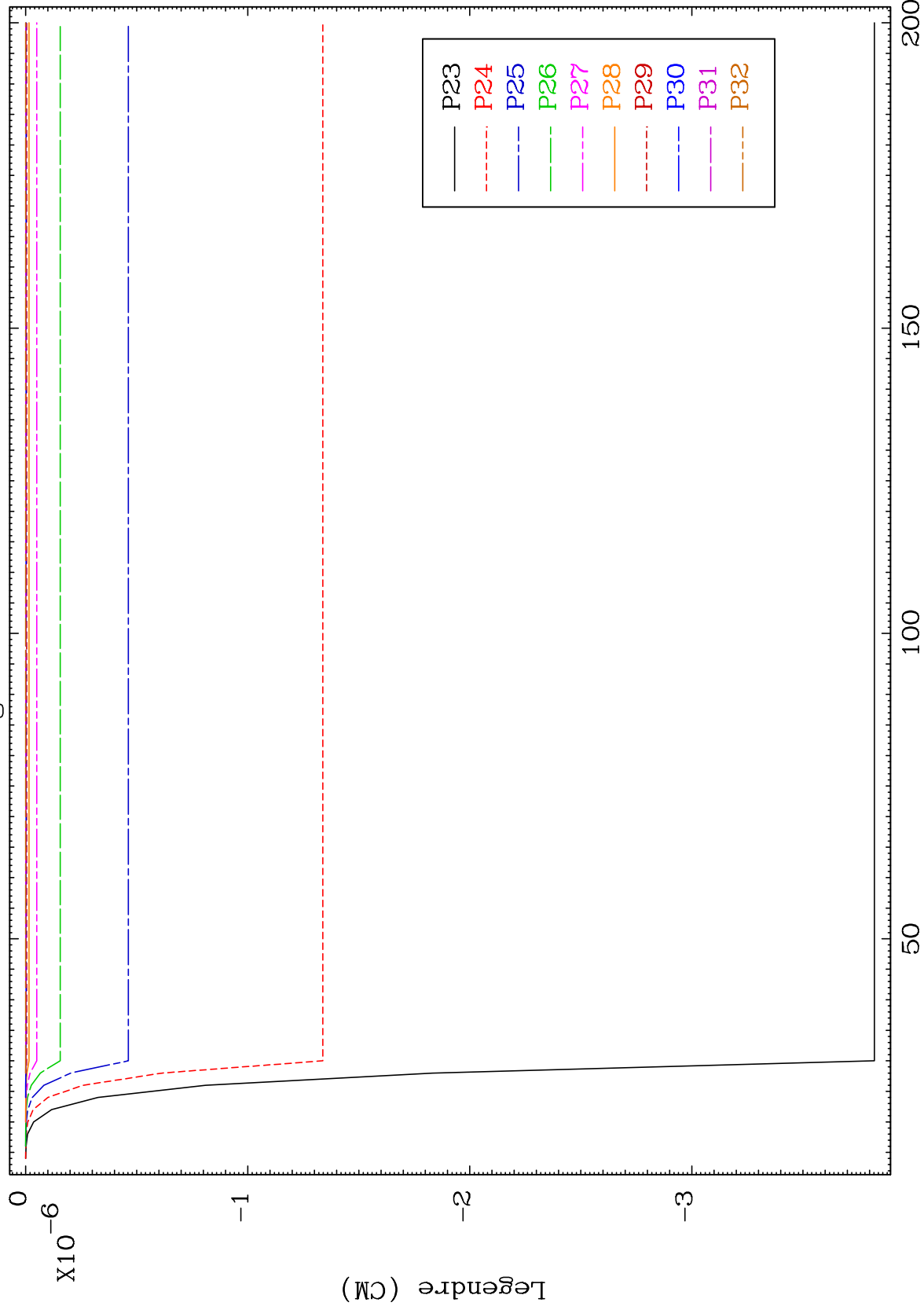
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-C1-39



24

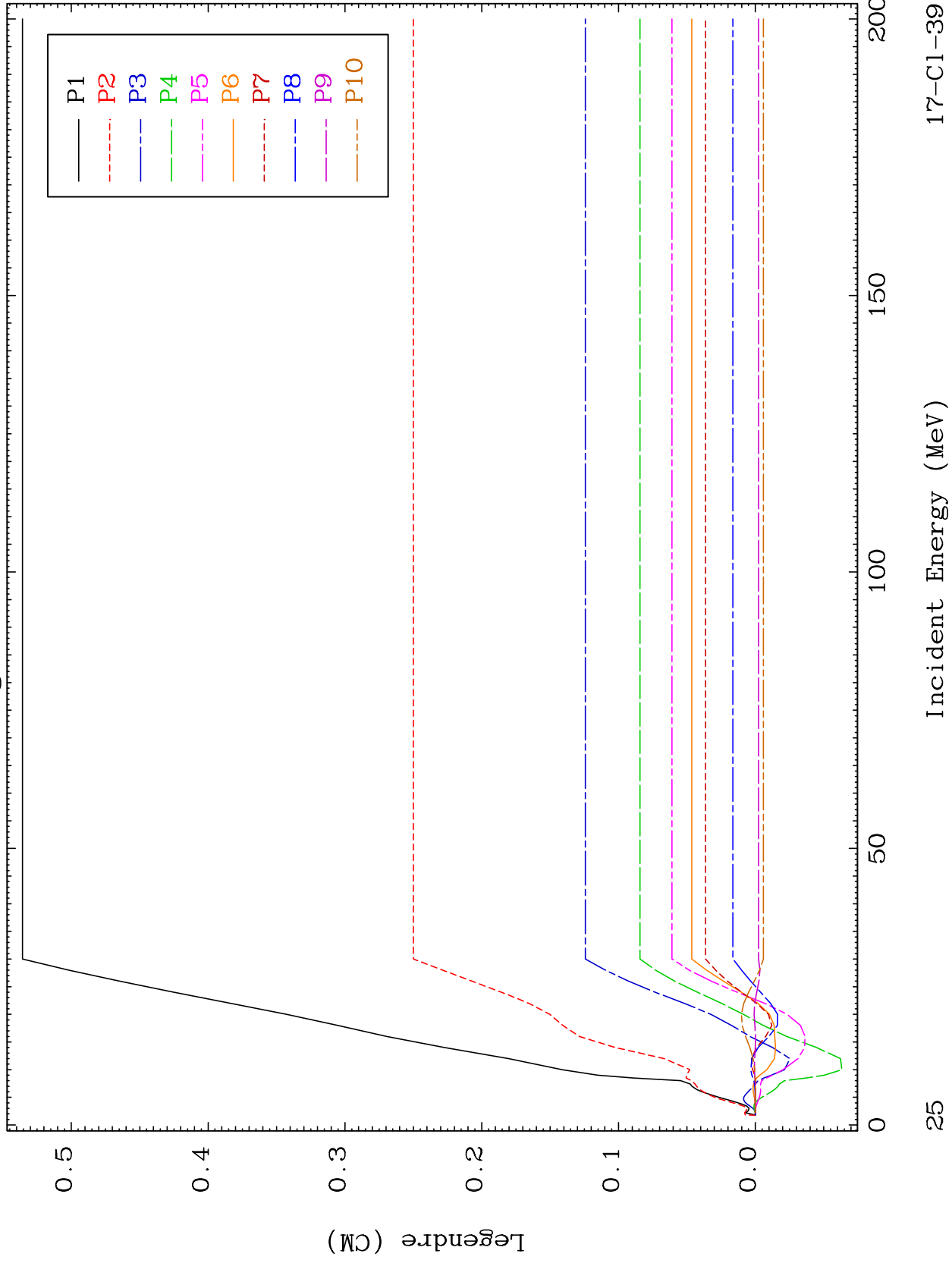
Incident Energy (MeV)

17-C1-39

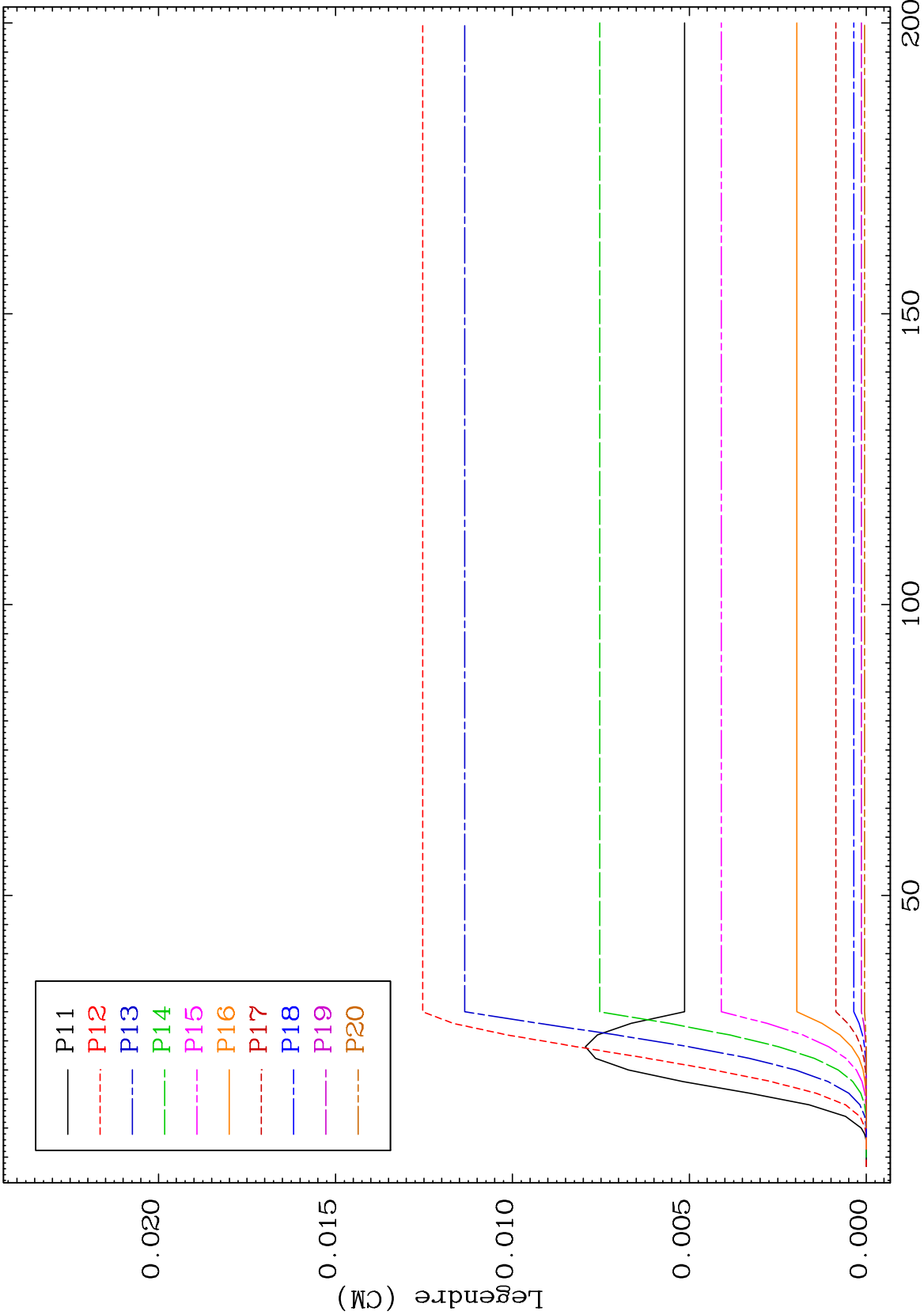
MAT 1737

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

17-Cl-39



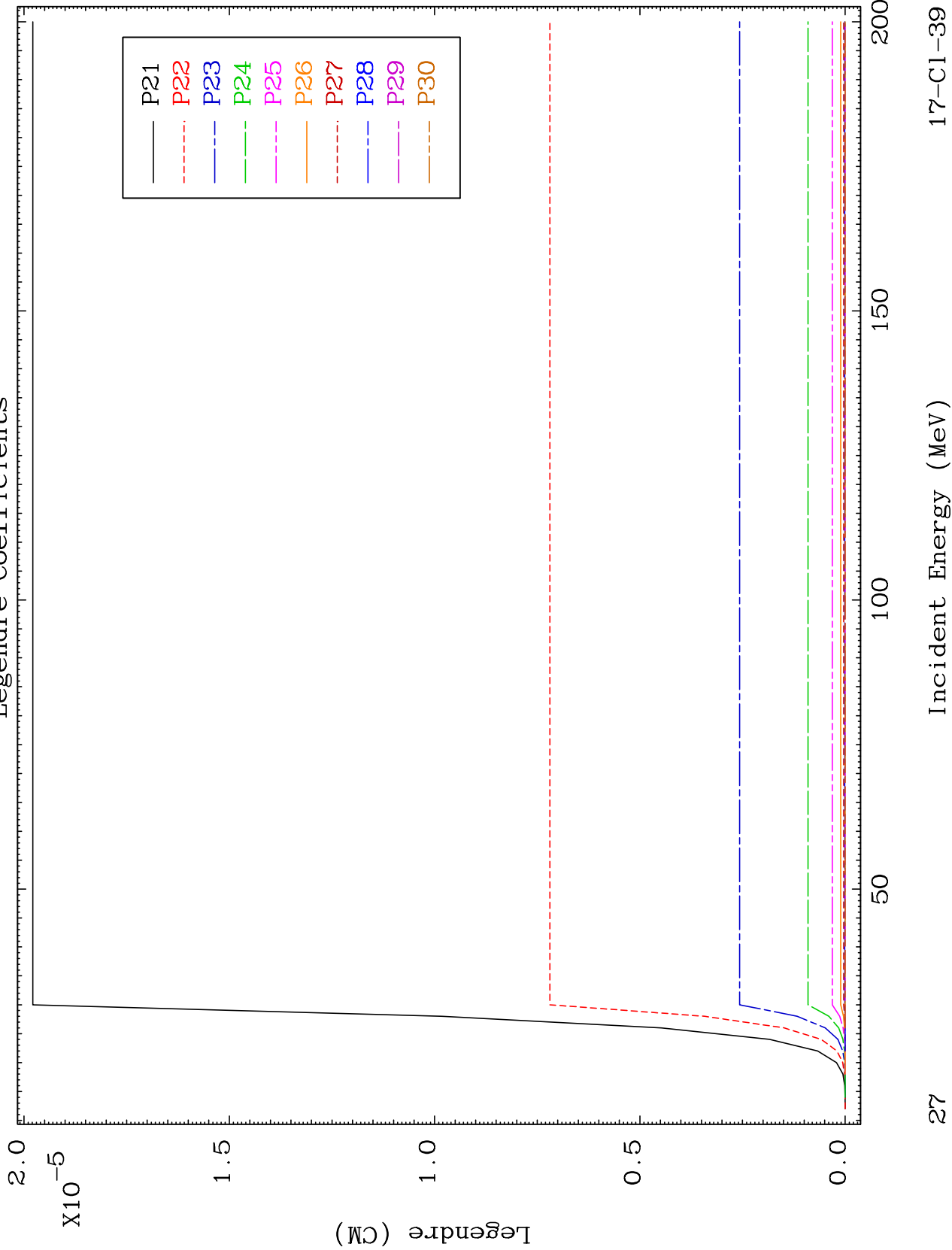
17-Cl-39



MAT 1737

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

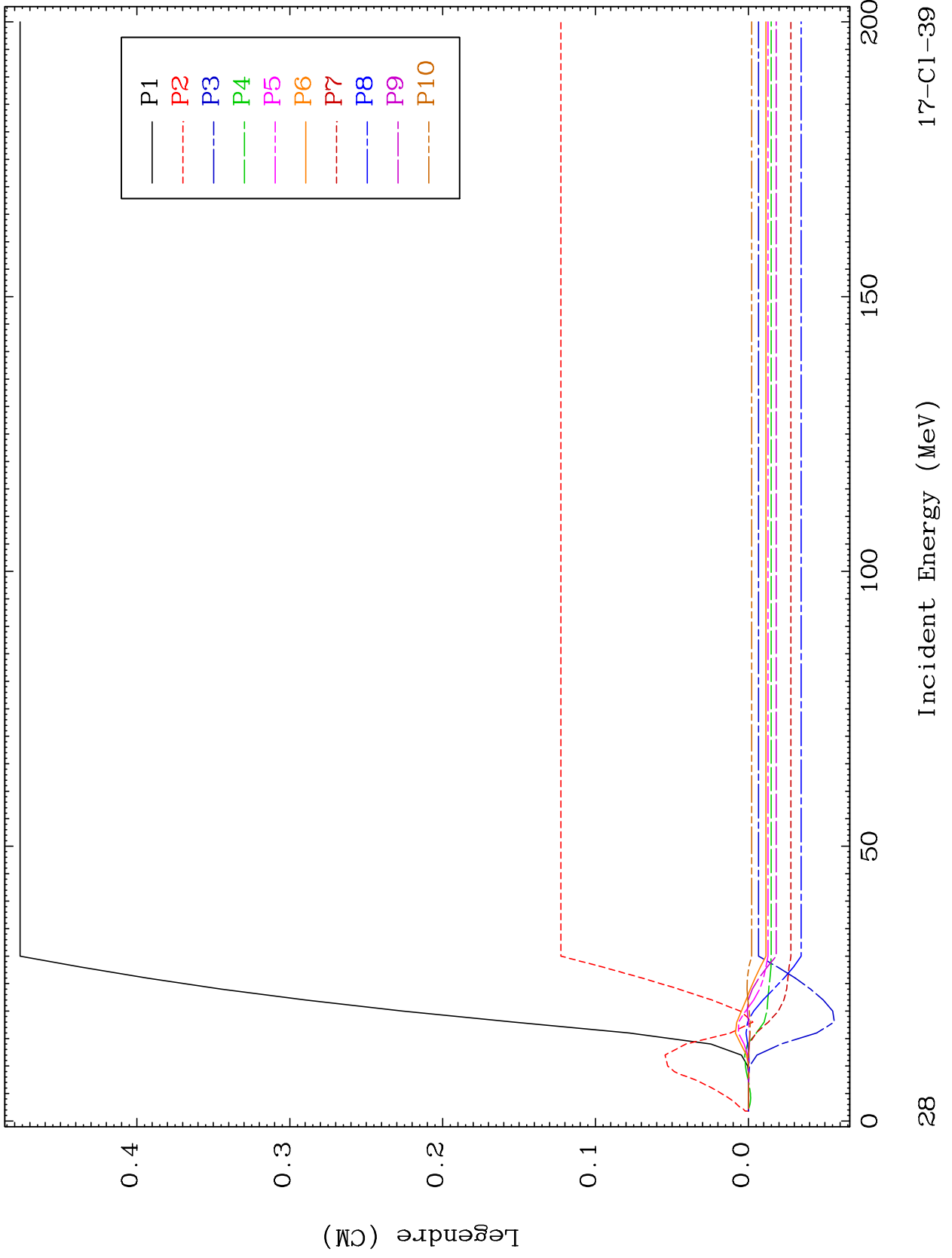
17-Cl-39



MAT 1737

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

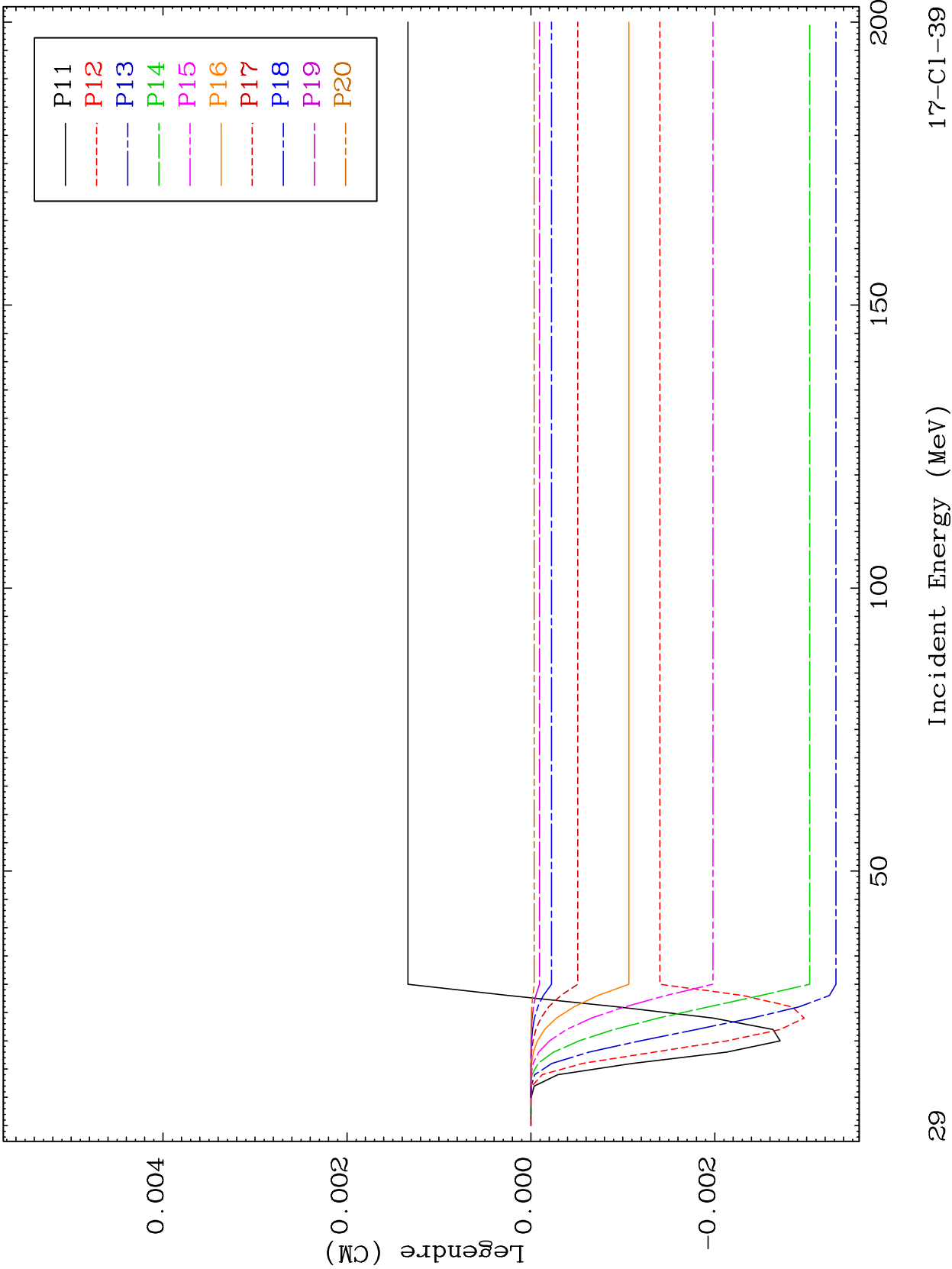
17-Cl-39

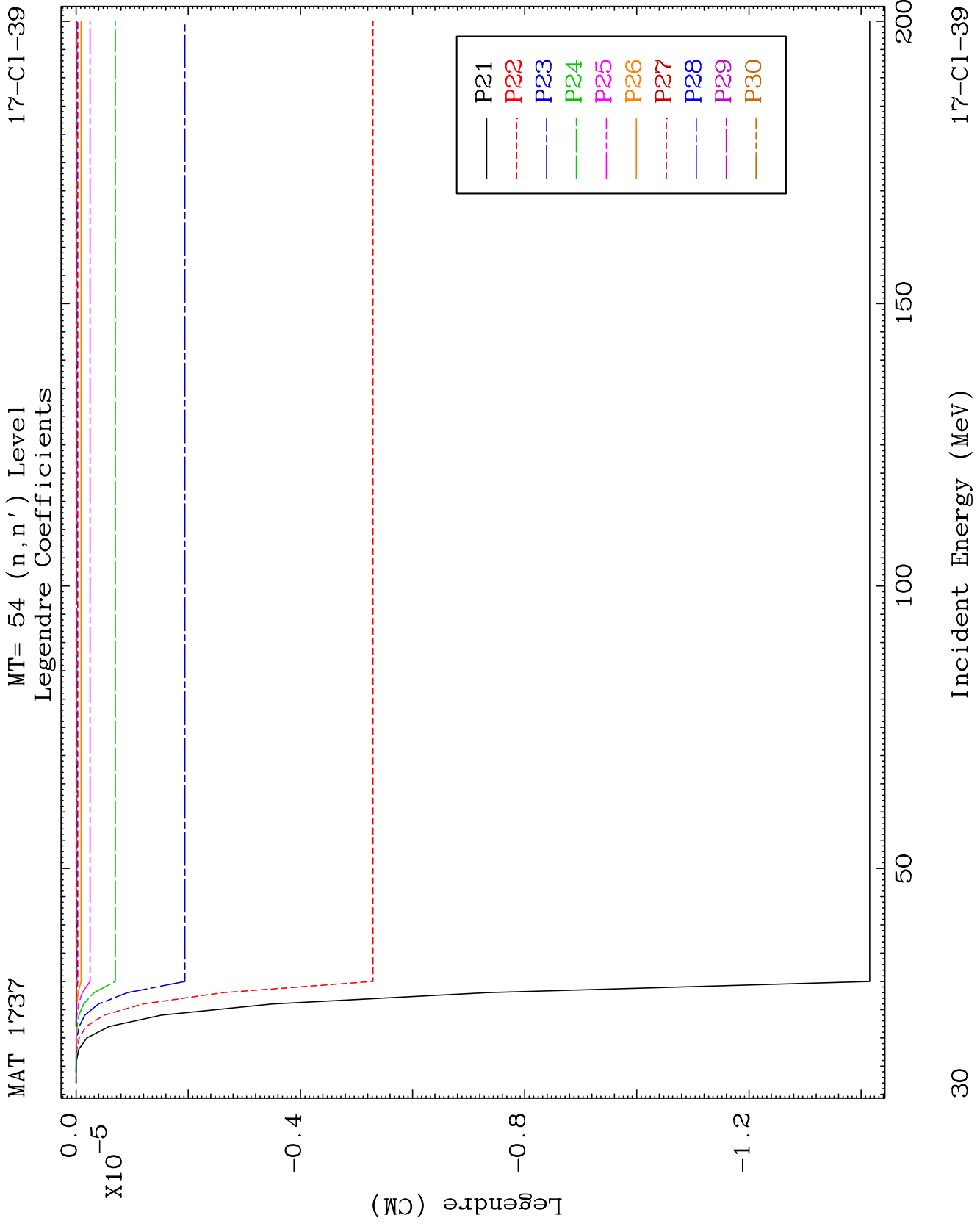


28

Incident Energy (MeV)

17-Cl-39

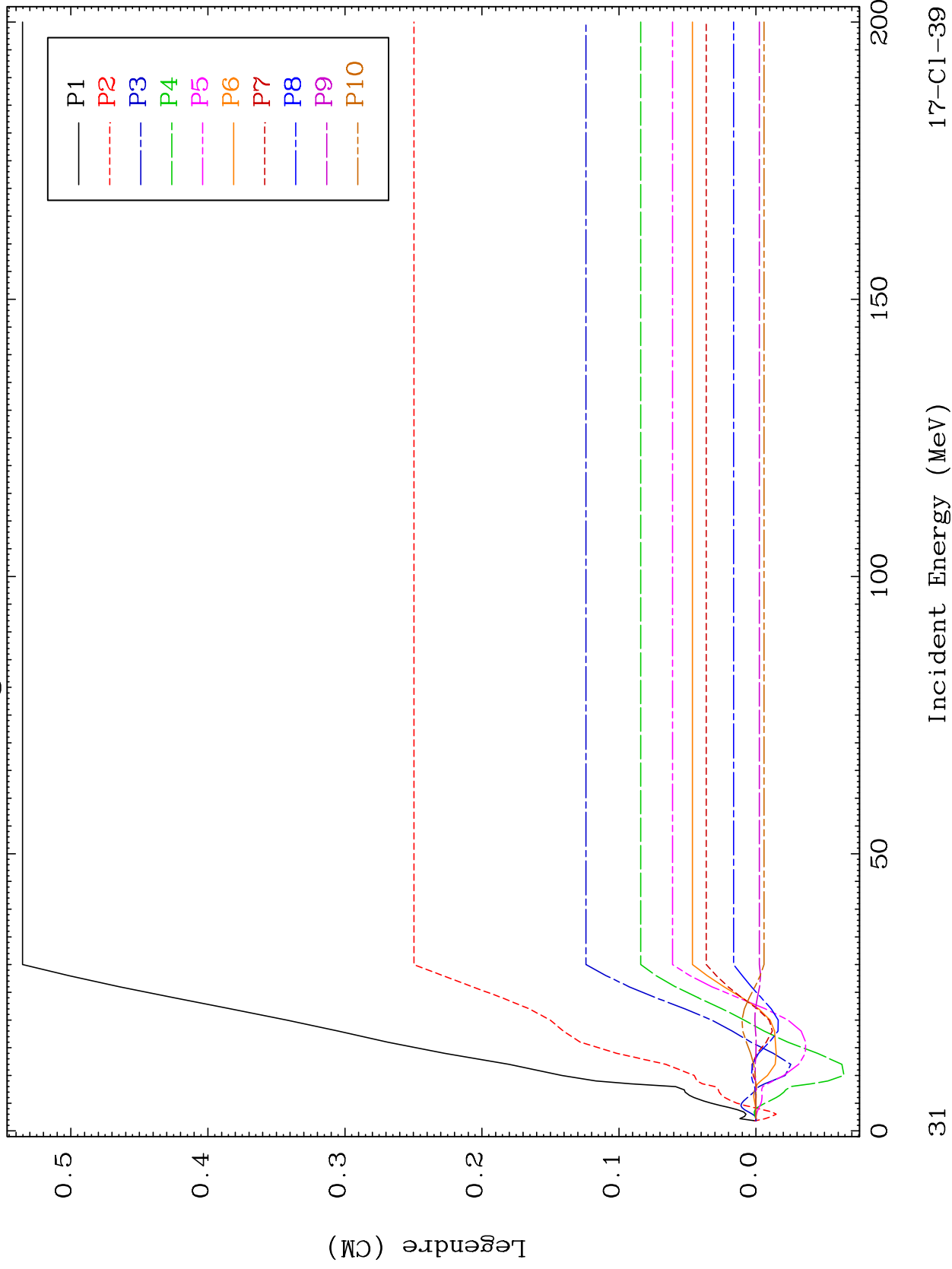




MAT 1737

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

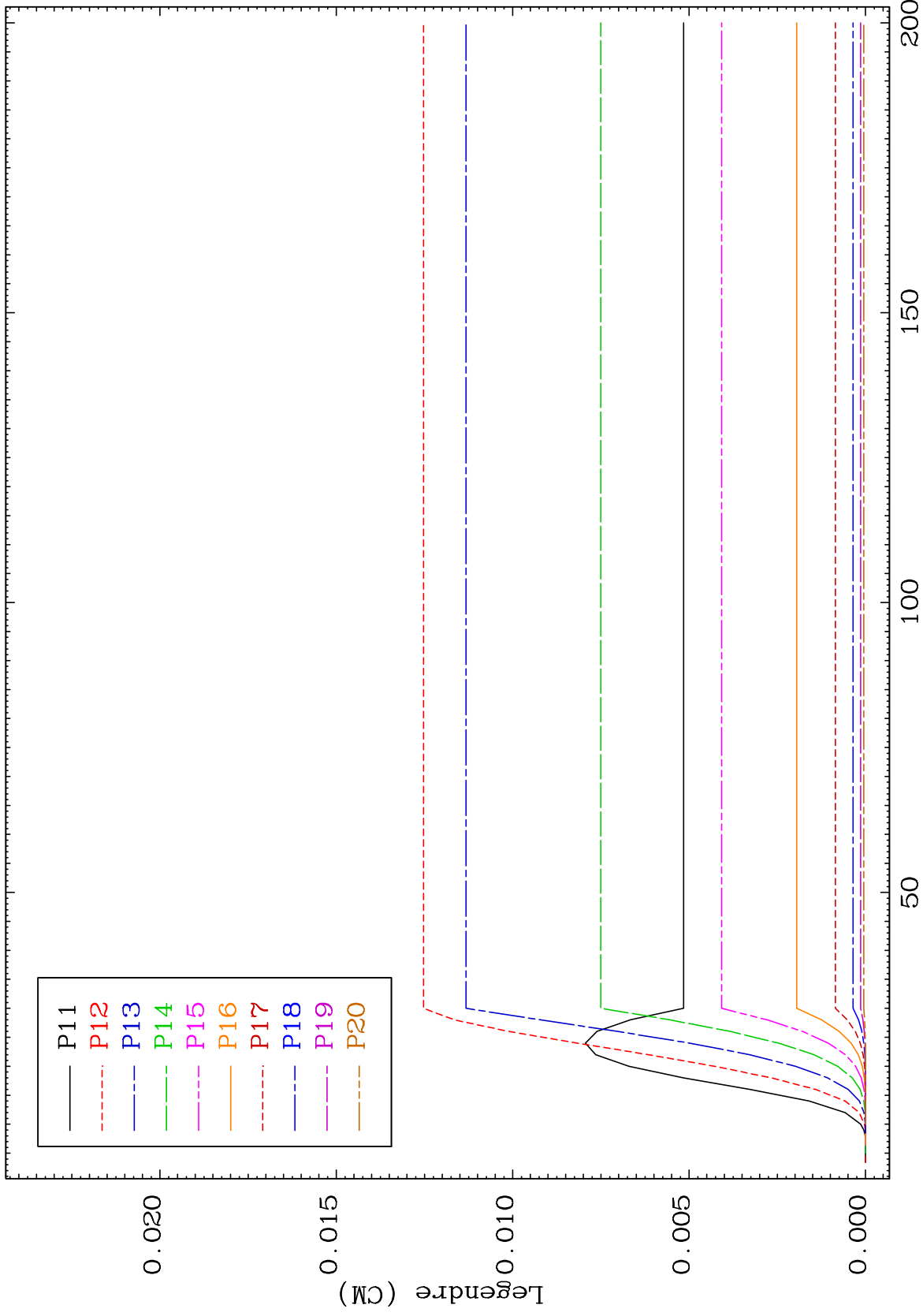
17-Cl-39



17-Cl-39

Incident Energy (MeV)

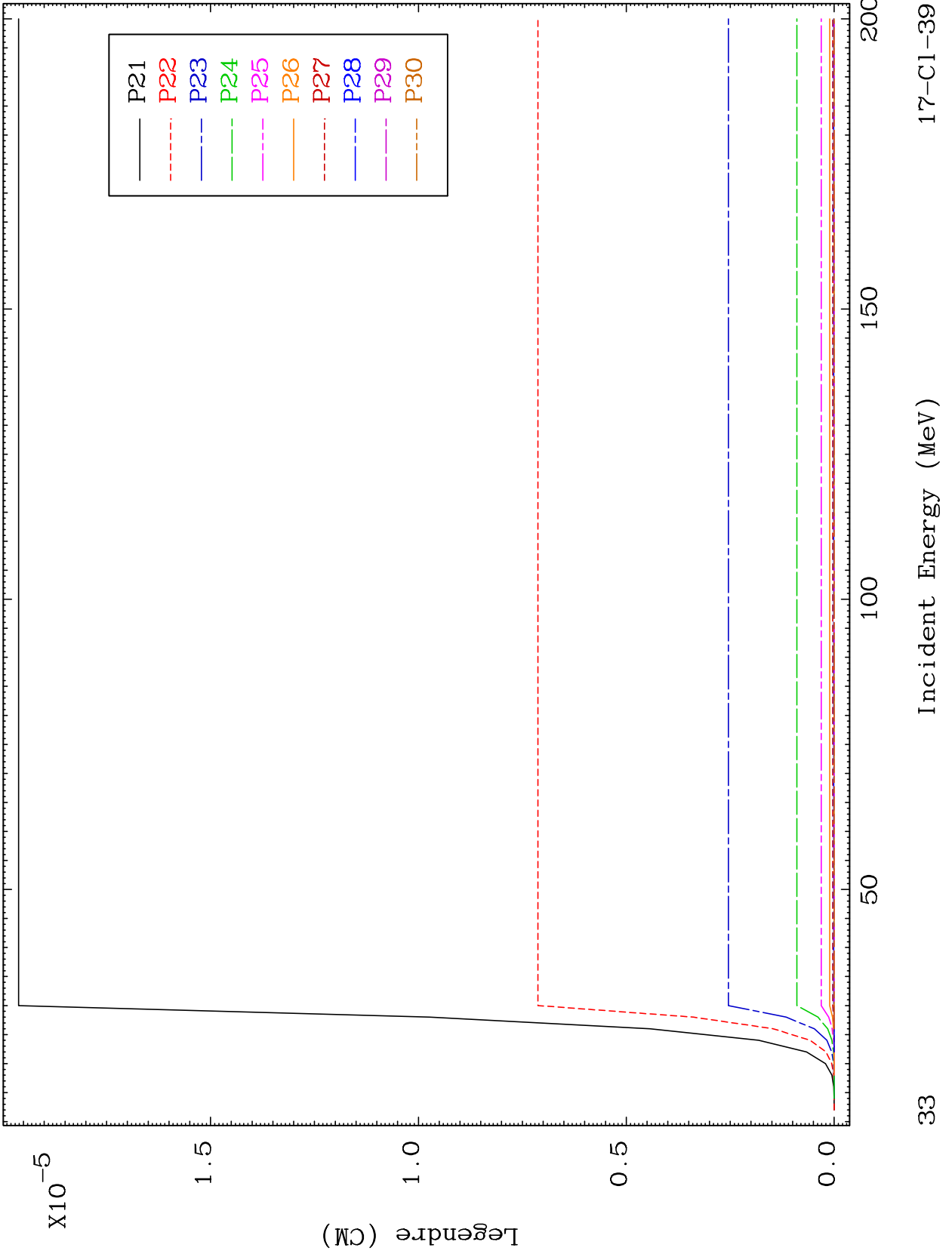
31



MAT 1737

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

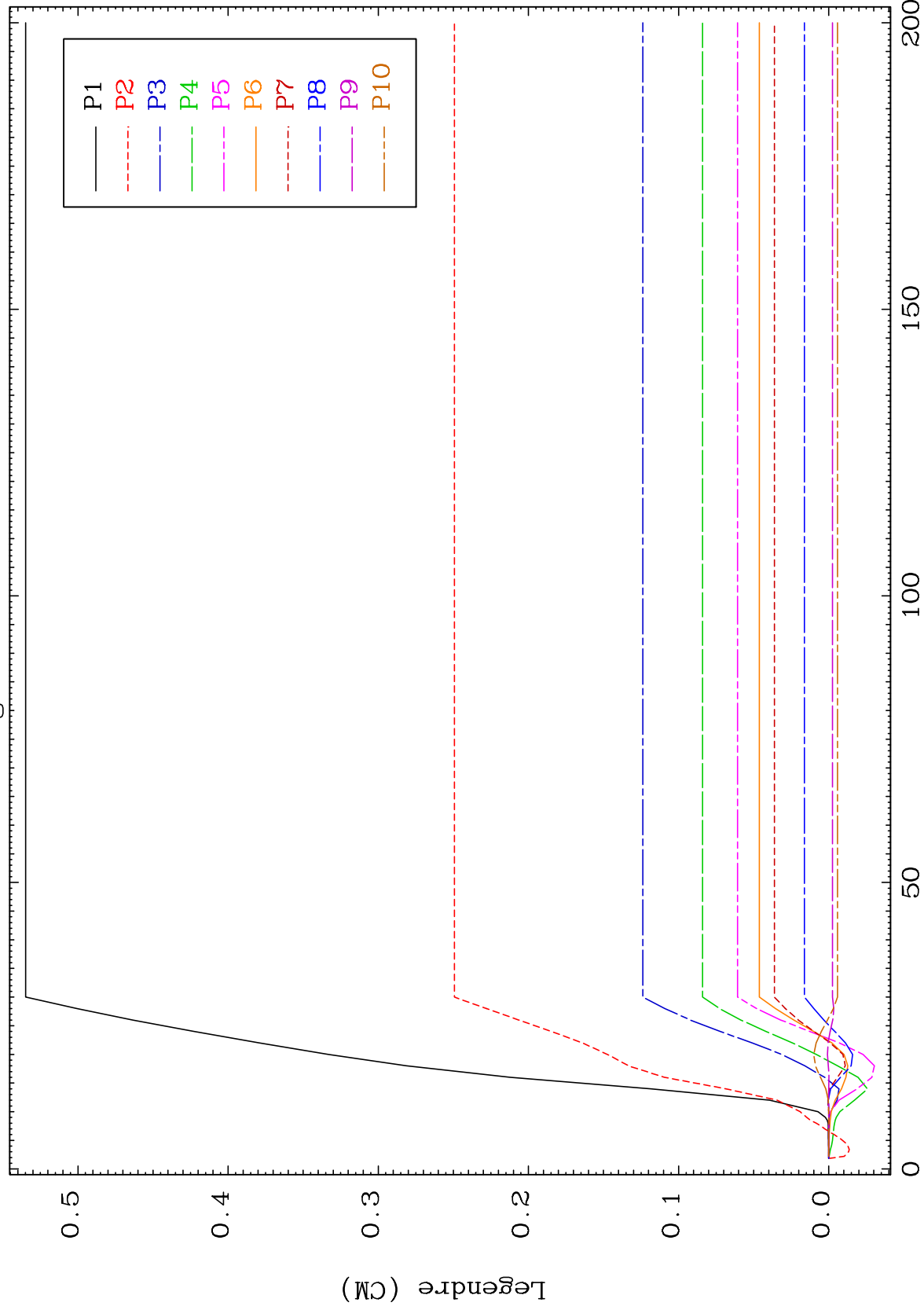
17-Cl-39



MAT 1737

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

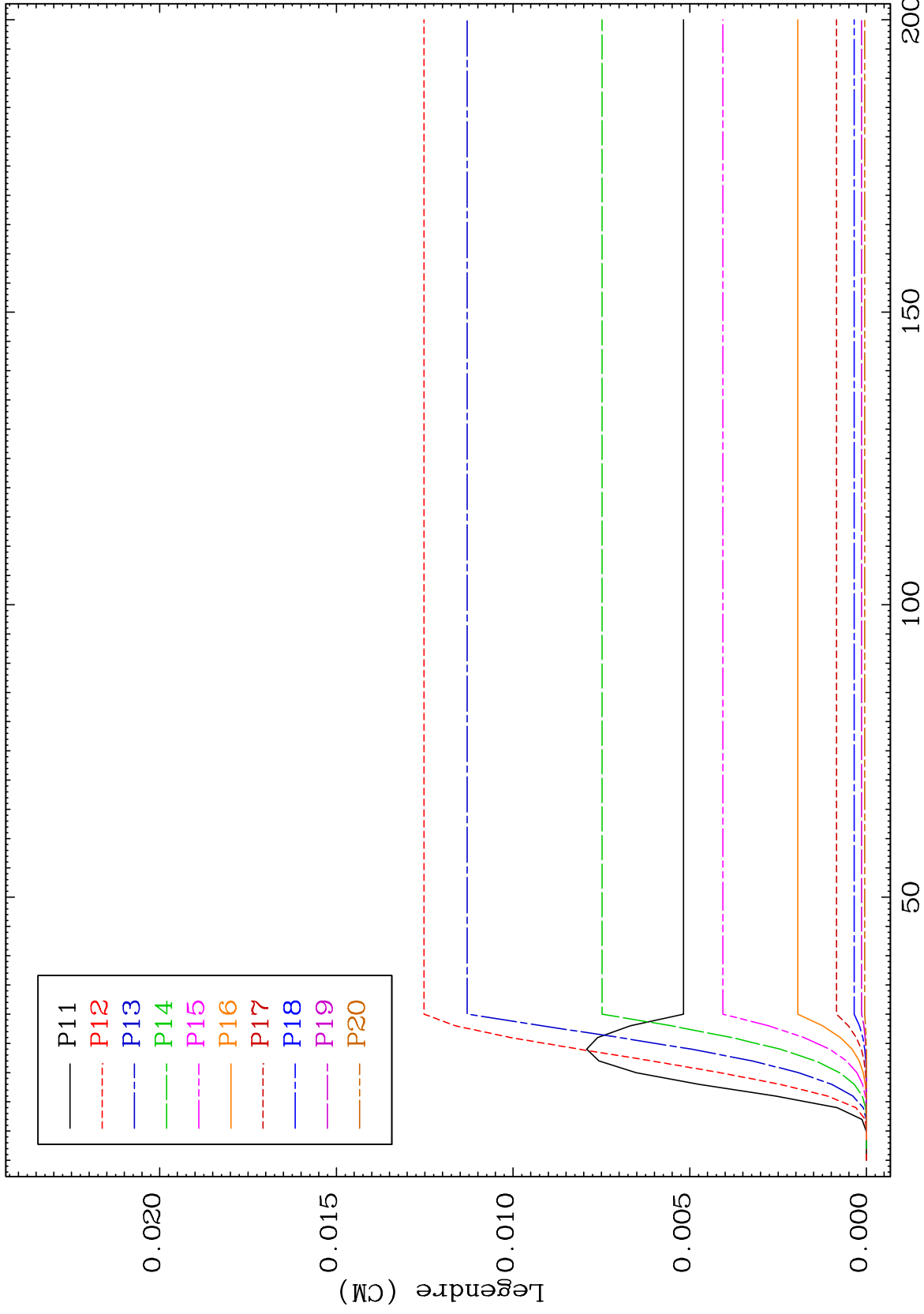
17-Cl-39



34

Incident Energy (MeV)

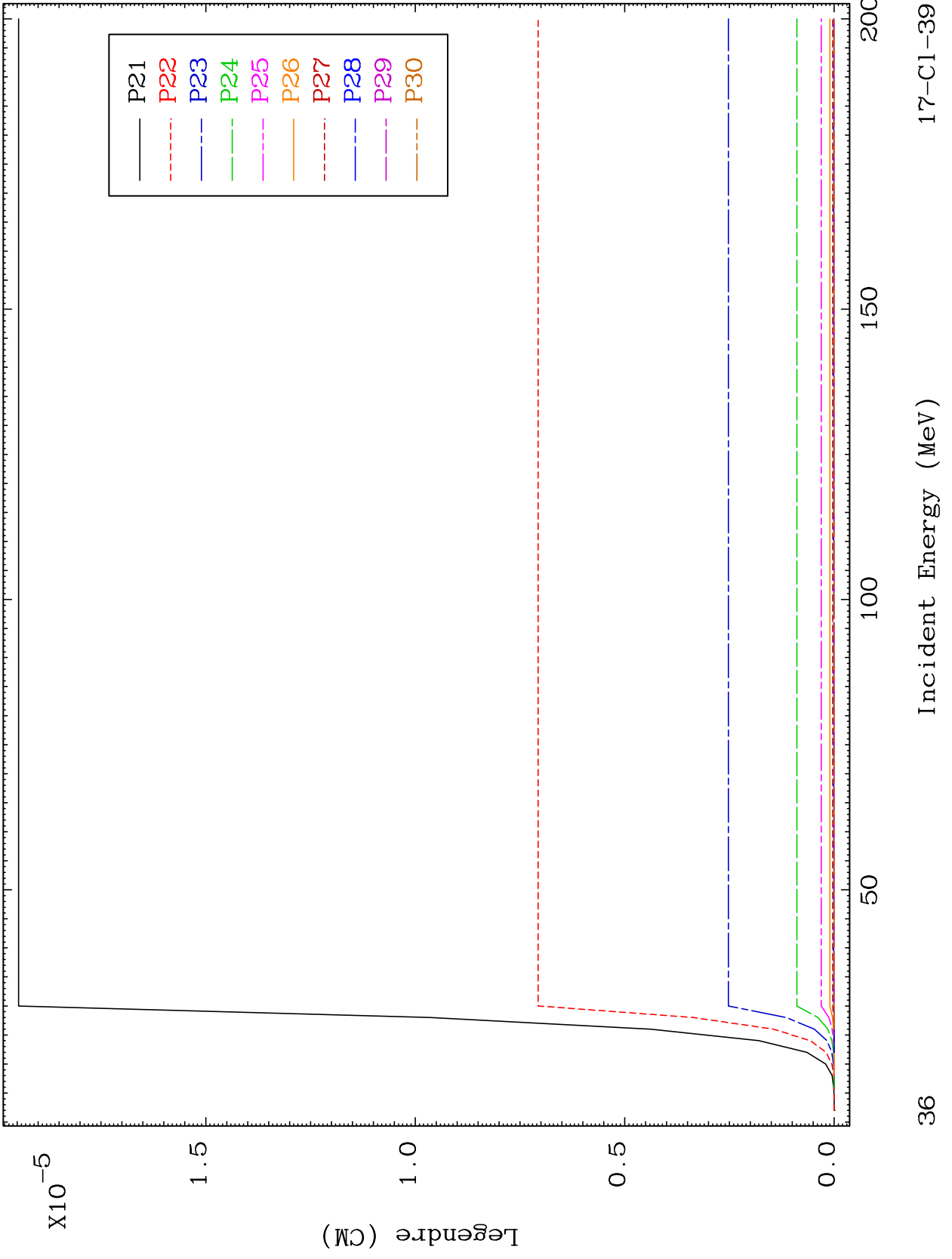
17-Cl-39



MAT 1737

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

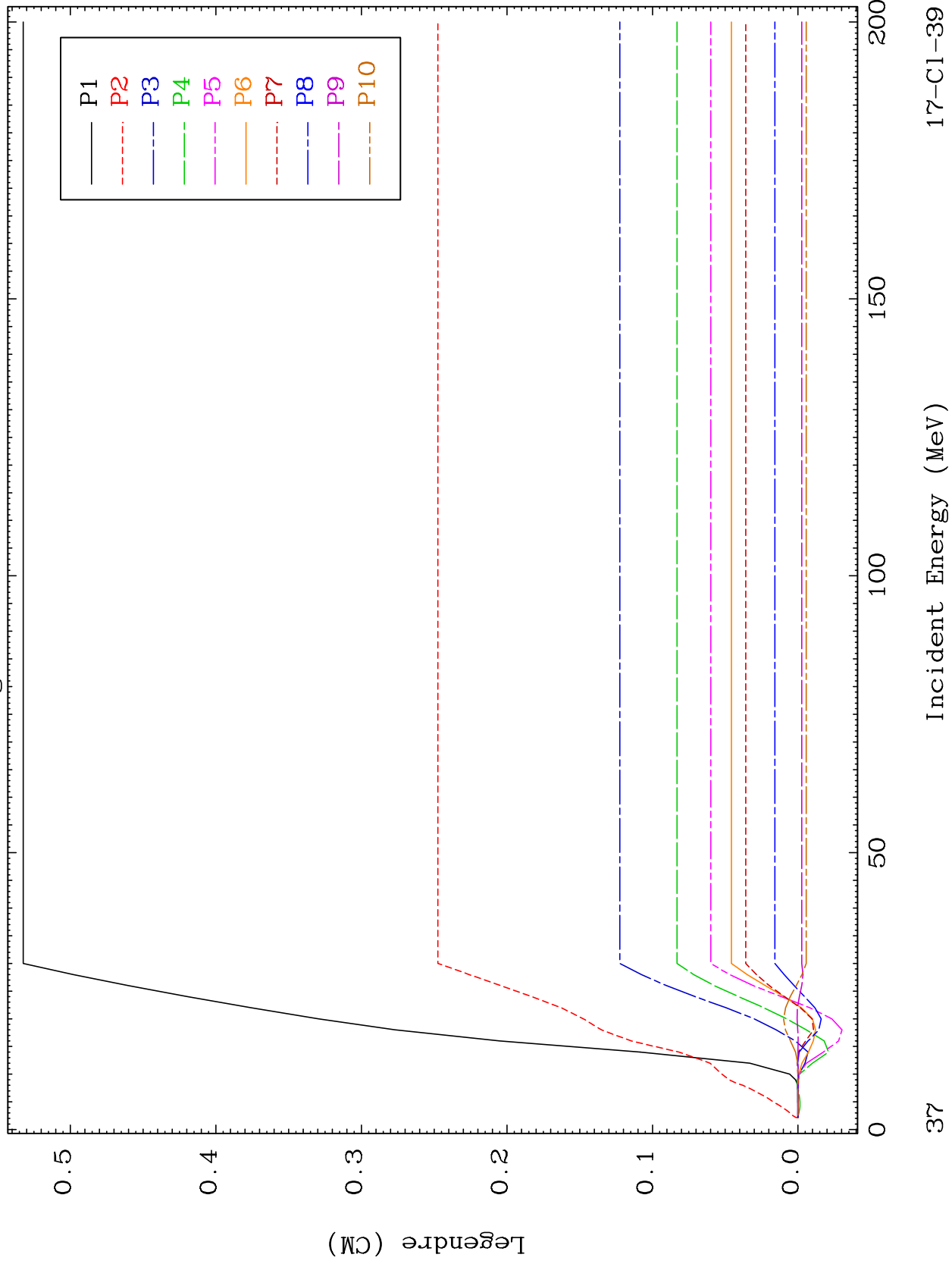
17-Cl-39



MAT 1737

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

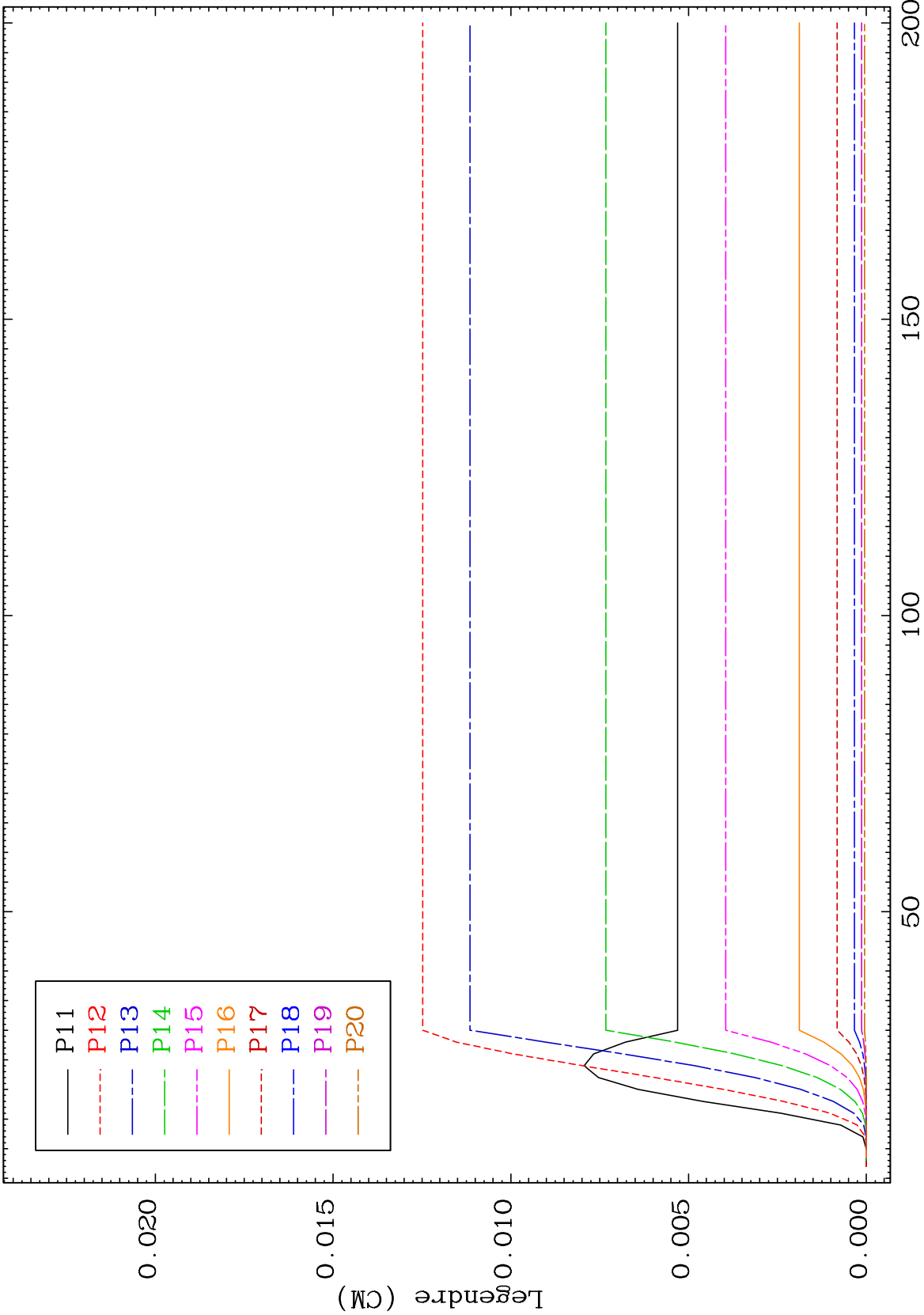
17-Cl-39



MAT 1737

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

17-Cl-39



38

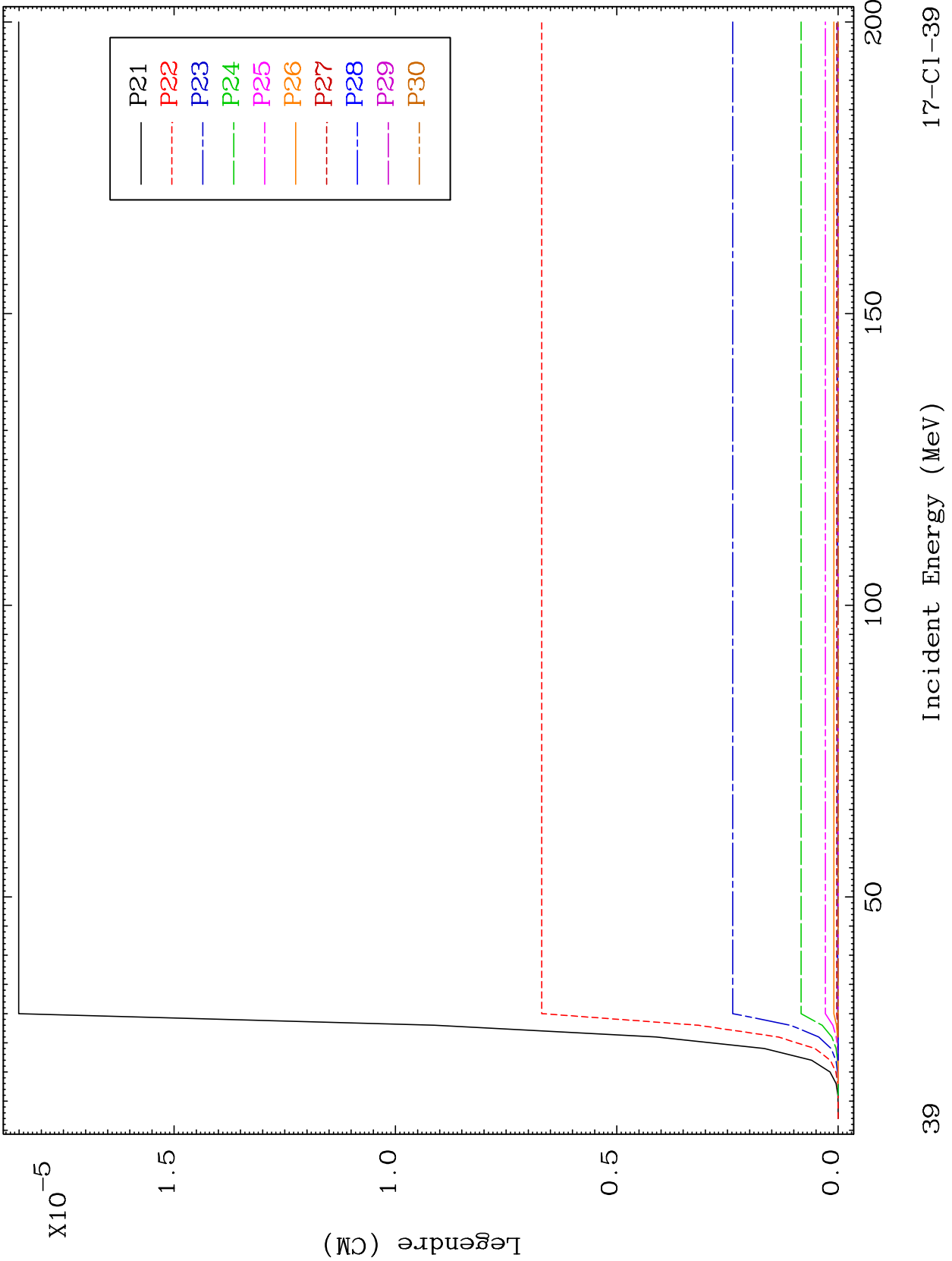
Incident Energy (MeV)

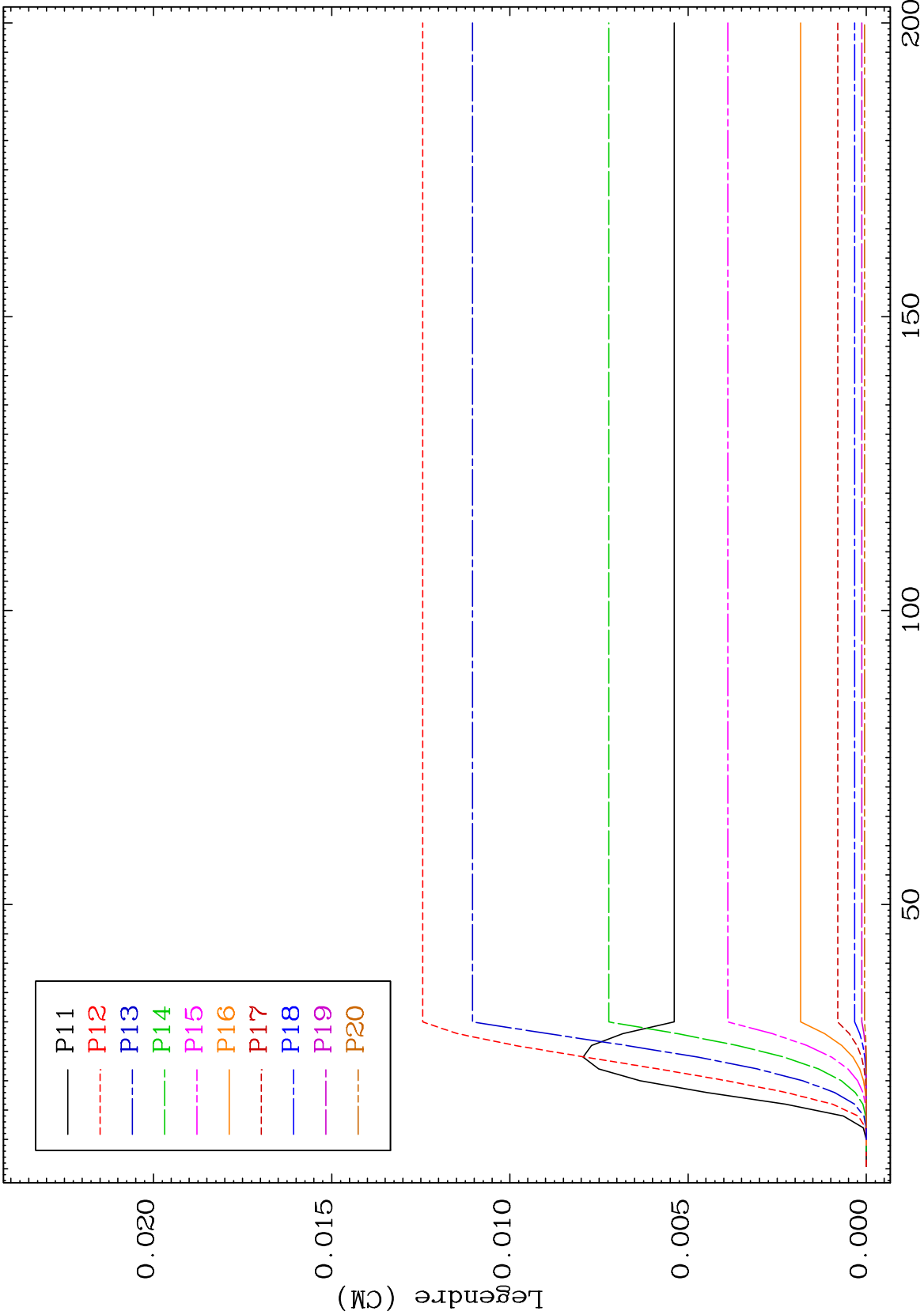
17-Cl-39

MAT 1737

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

17-Cl-39

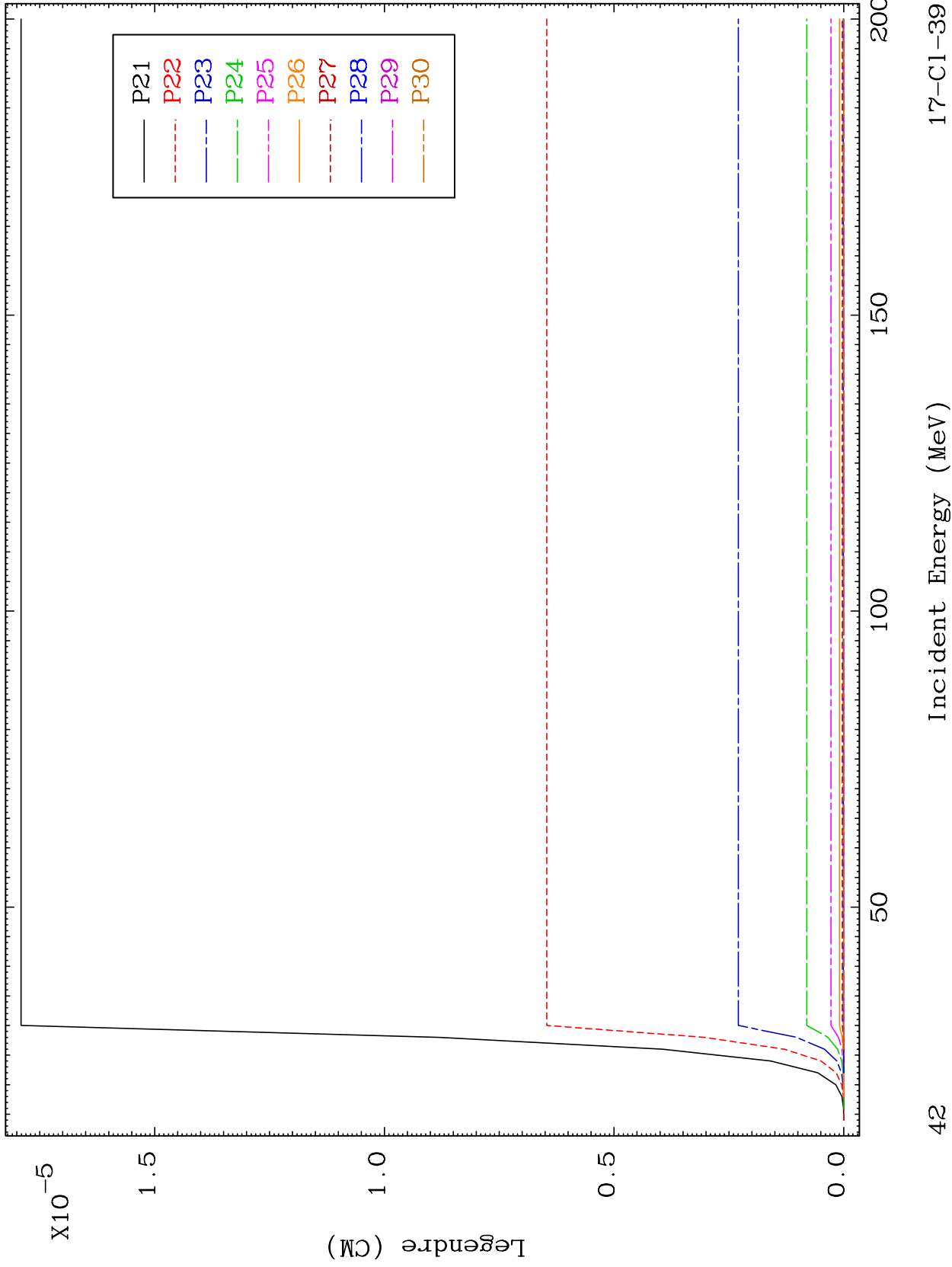




MAT 1737

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

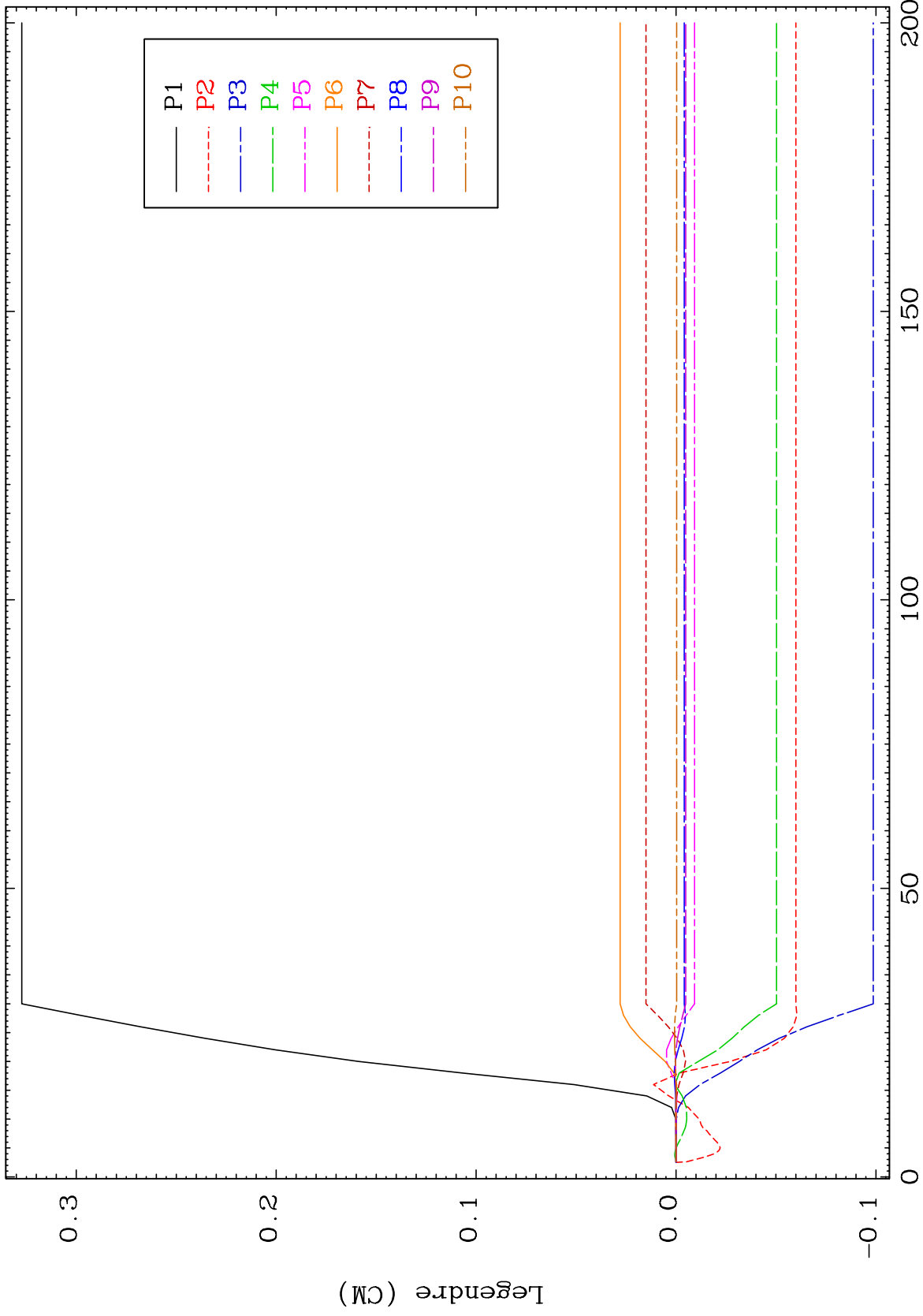
17-Cl-39



MAT 1737

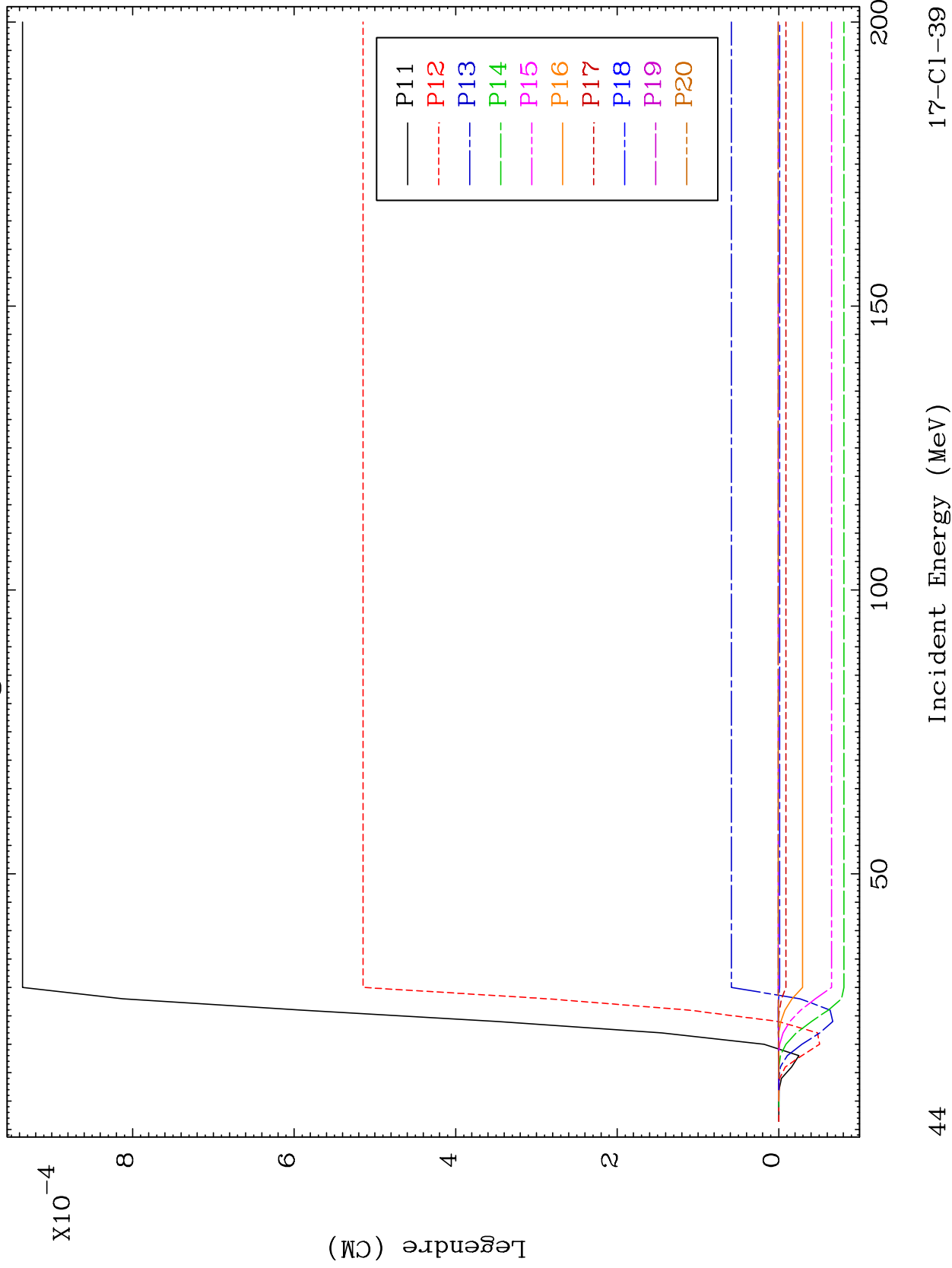
MT= 59 (n,n') Level
Legendre Coefficients

17-Cl-39



43

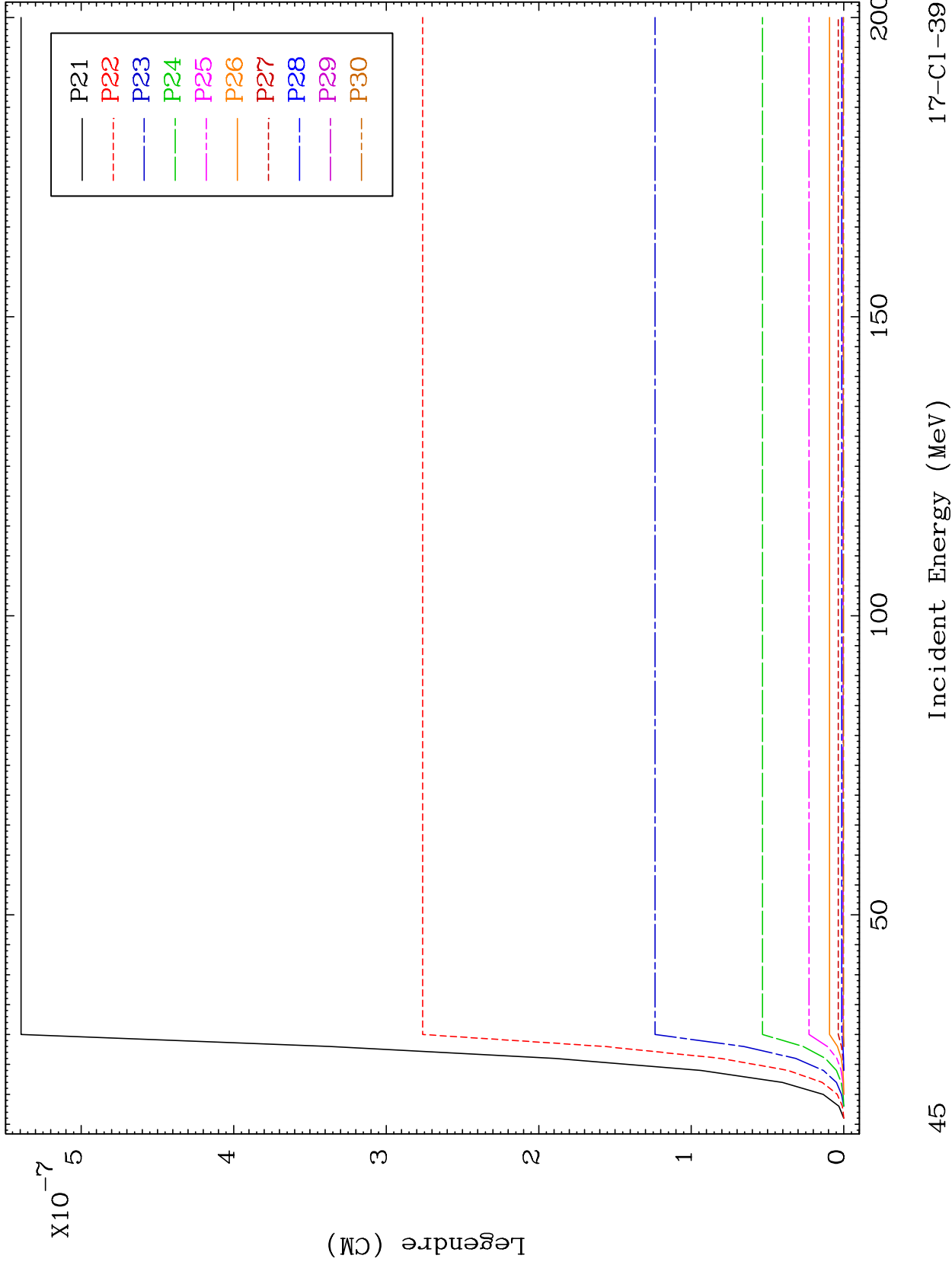
17-Cl-39



MAT 1737

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

17-Cl-39



45

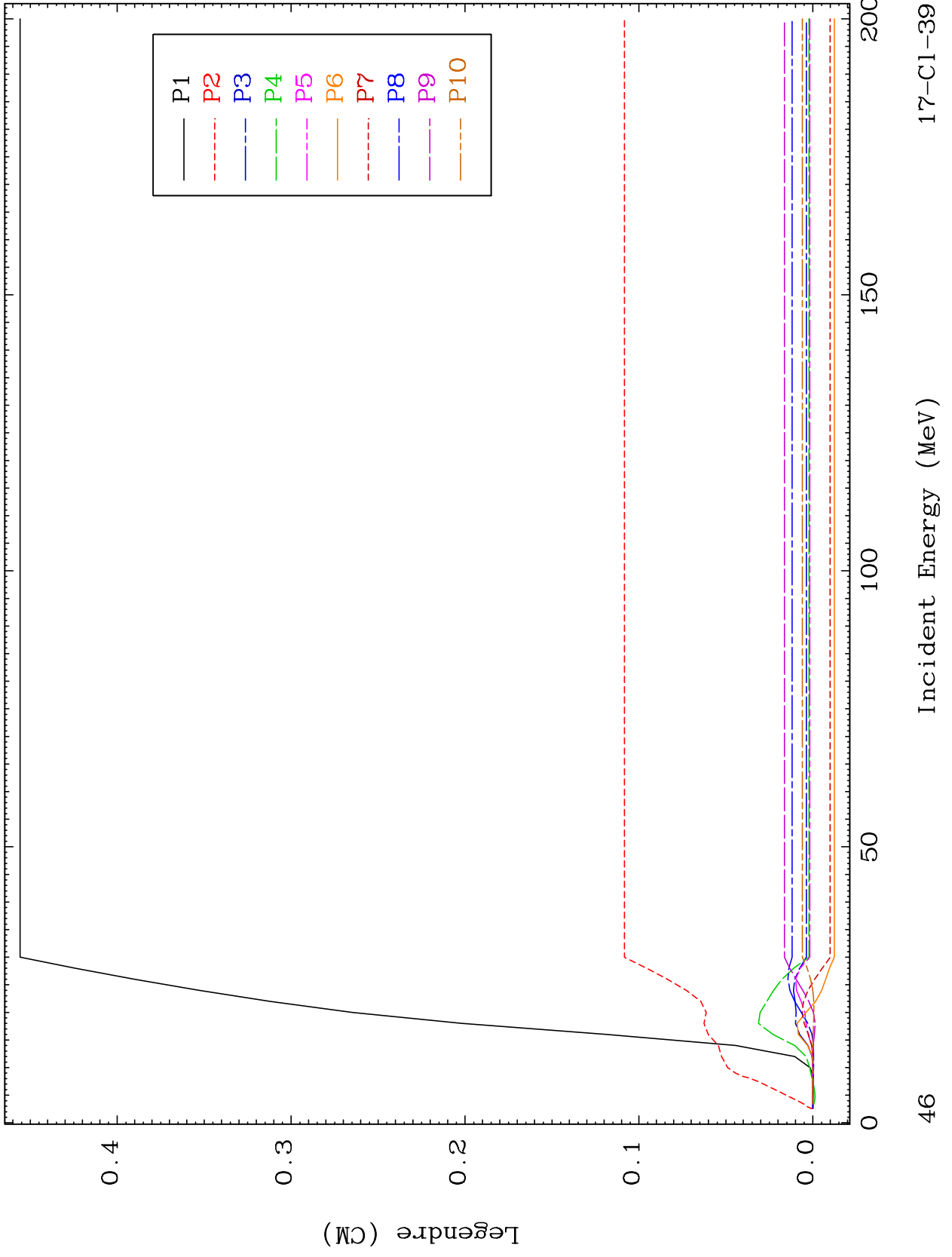
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



46

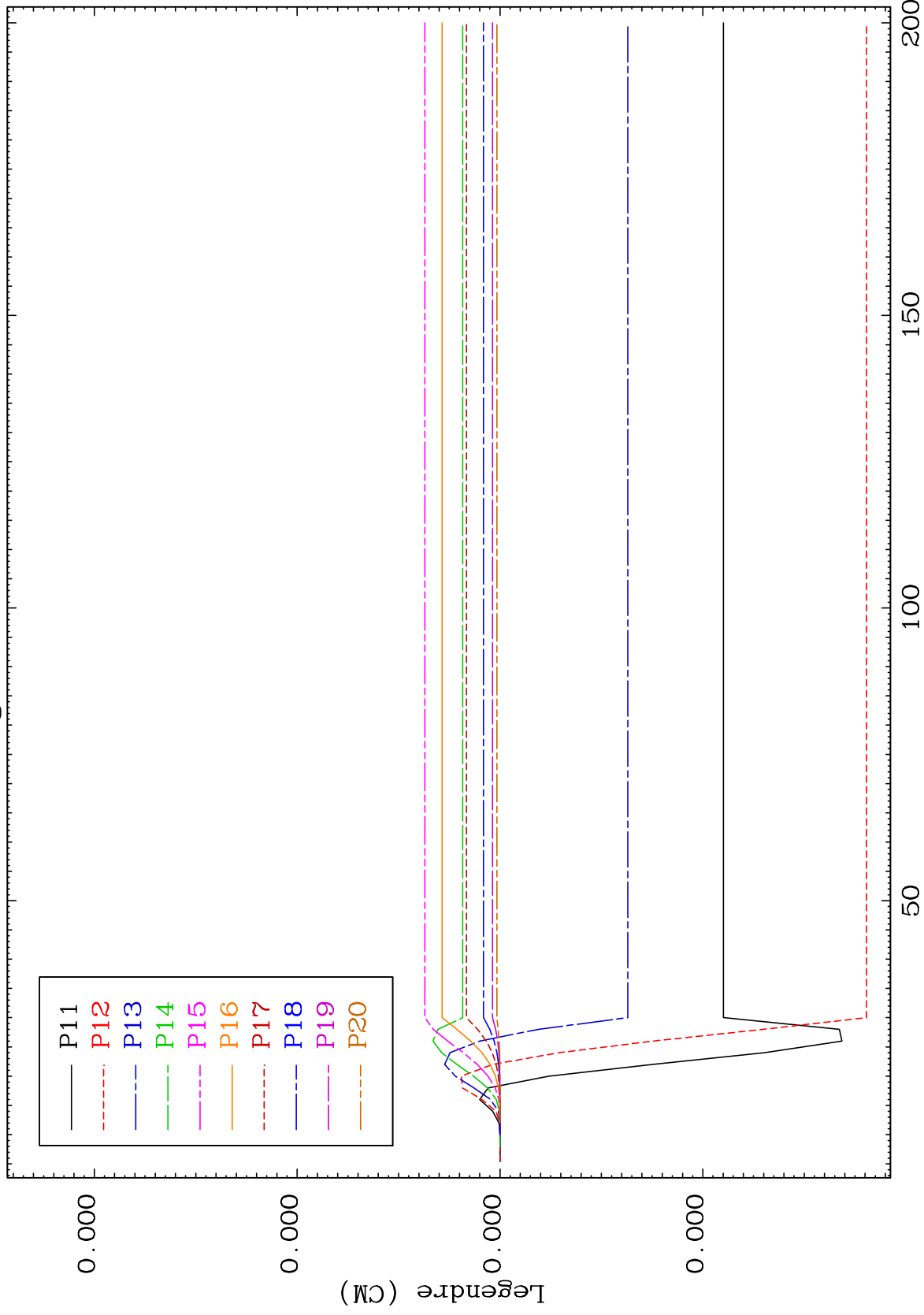
Incident Energy (MeV)

17-Cl-39

MAT 1737

17-Cl-39

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



47

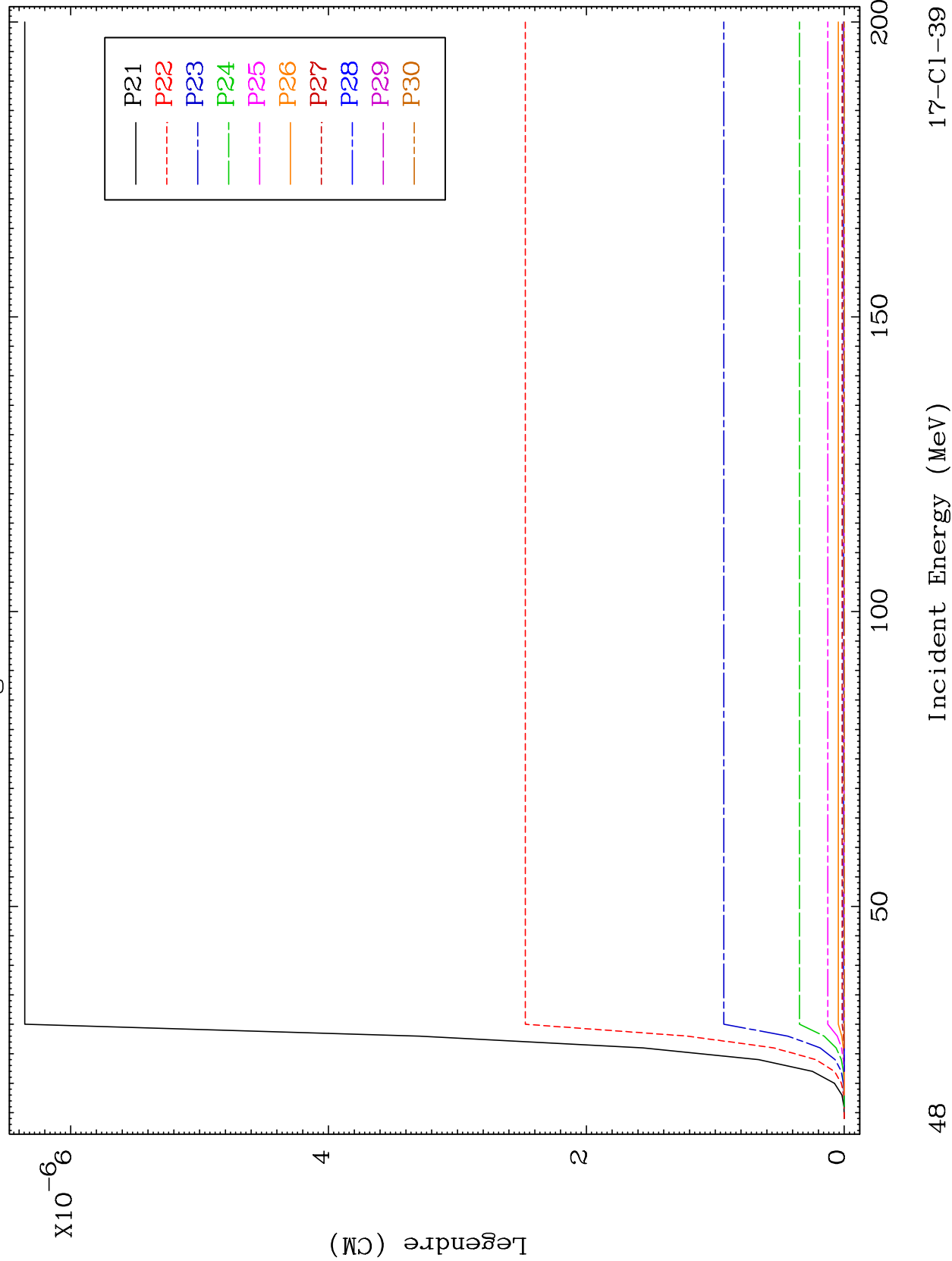
17-Cl-39

Incident Energy (MeV)

MAT 1737

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

17-Cl-39



48

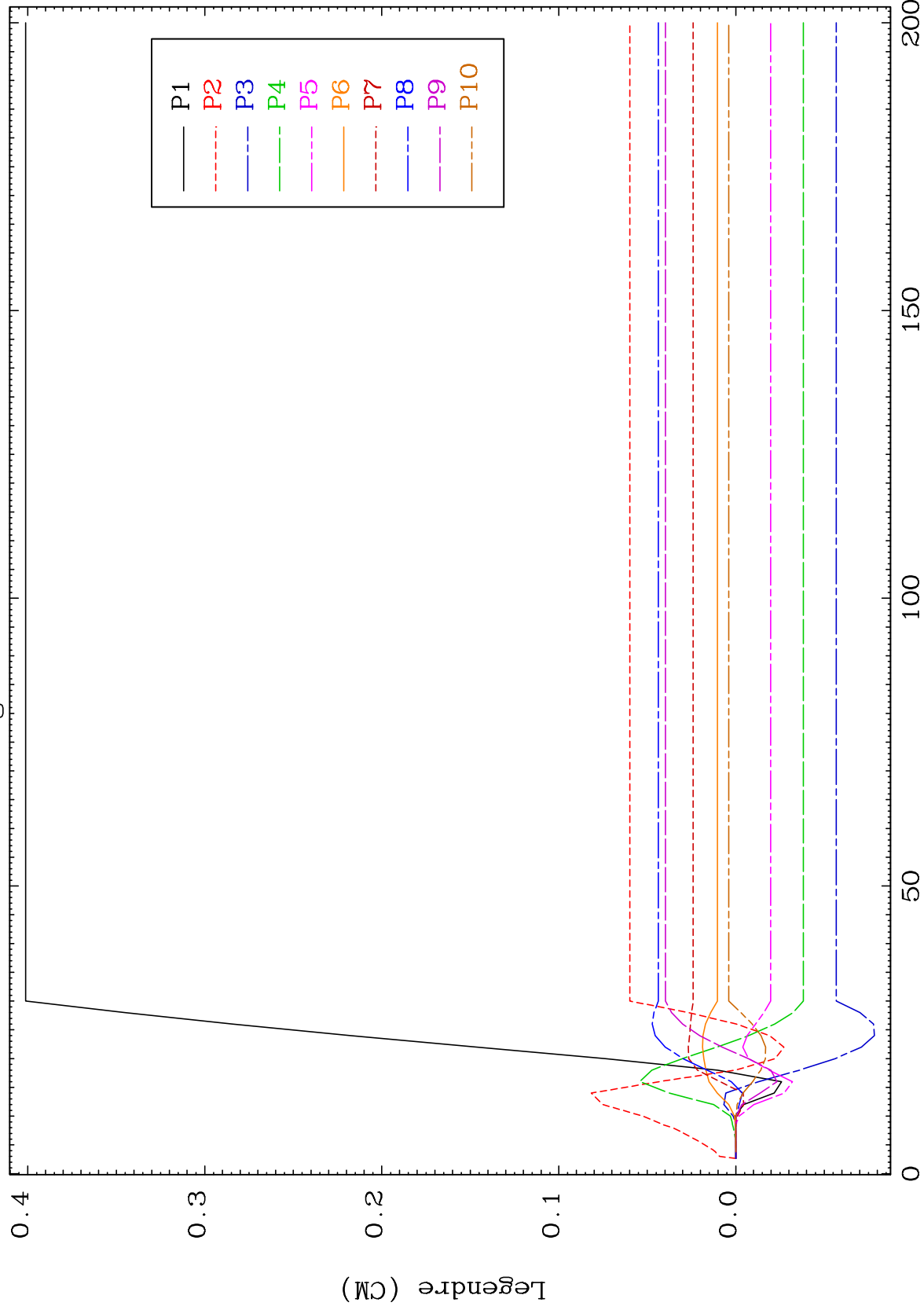
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



49

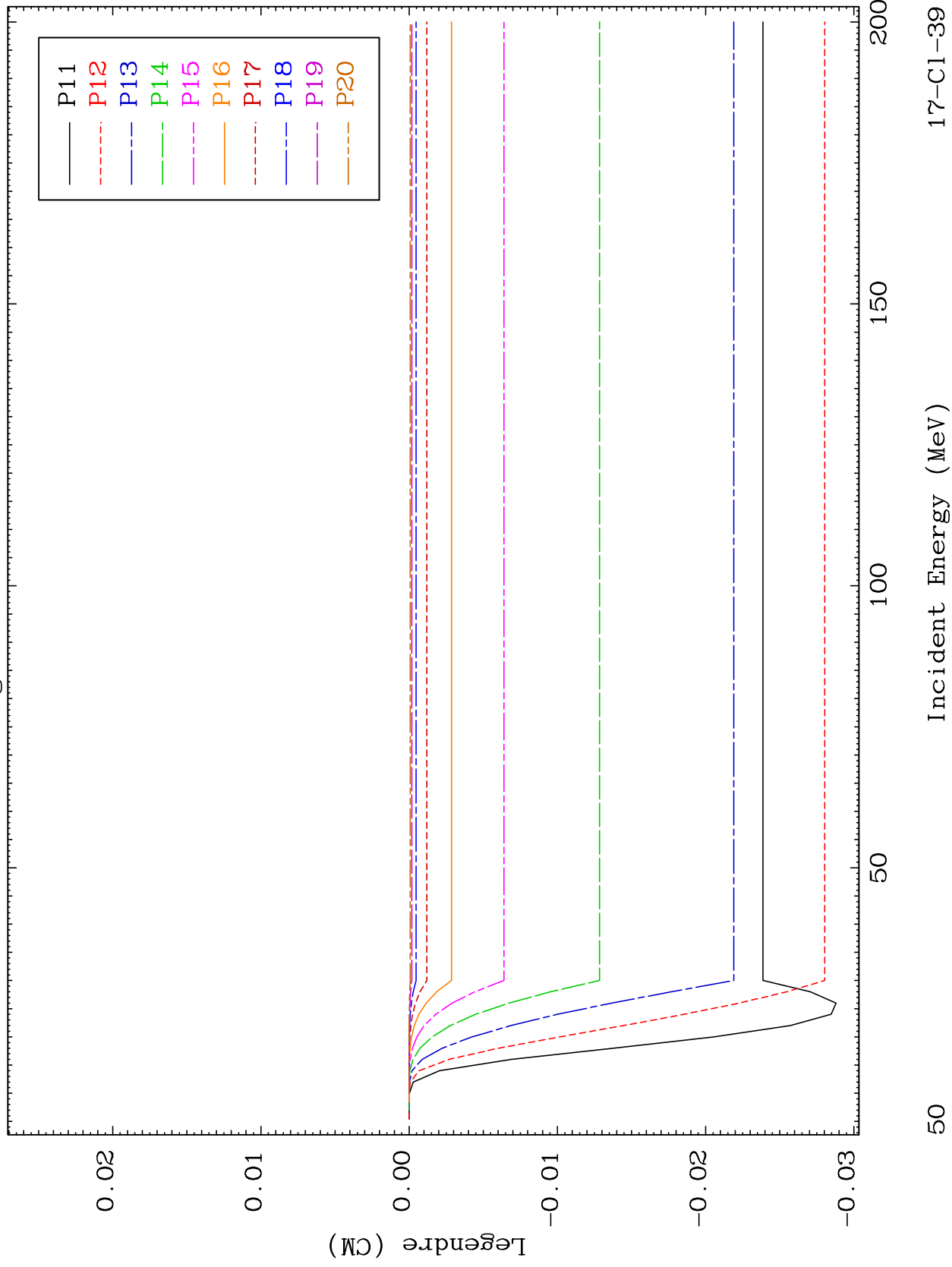
Incident Energy (MeV)

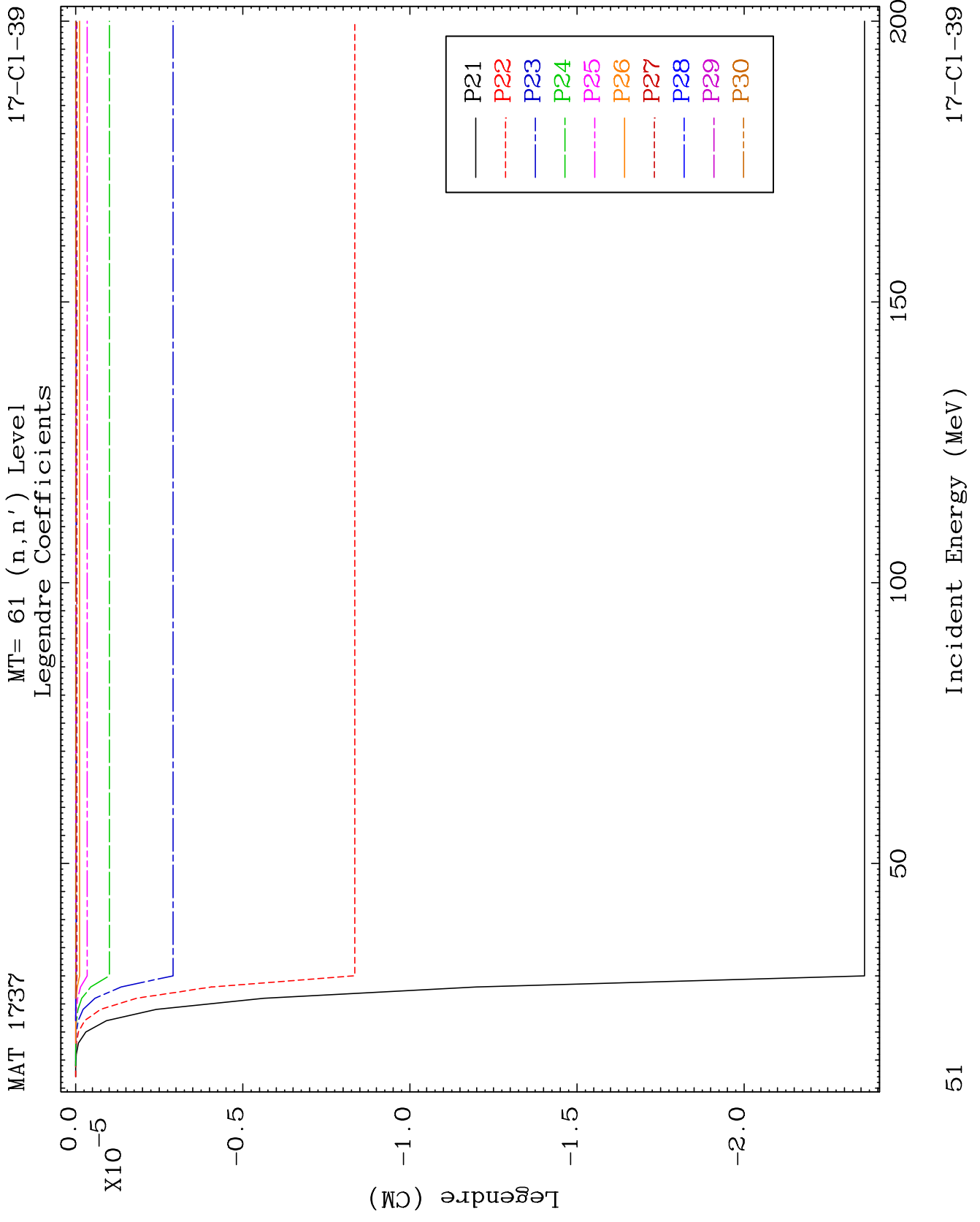
17-Cl-39

MAT 1737

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

17-Cl-39

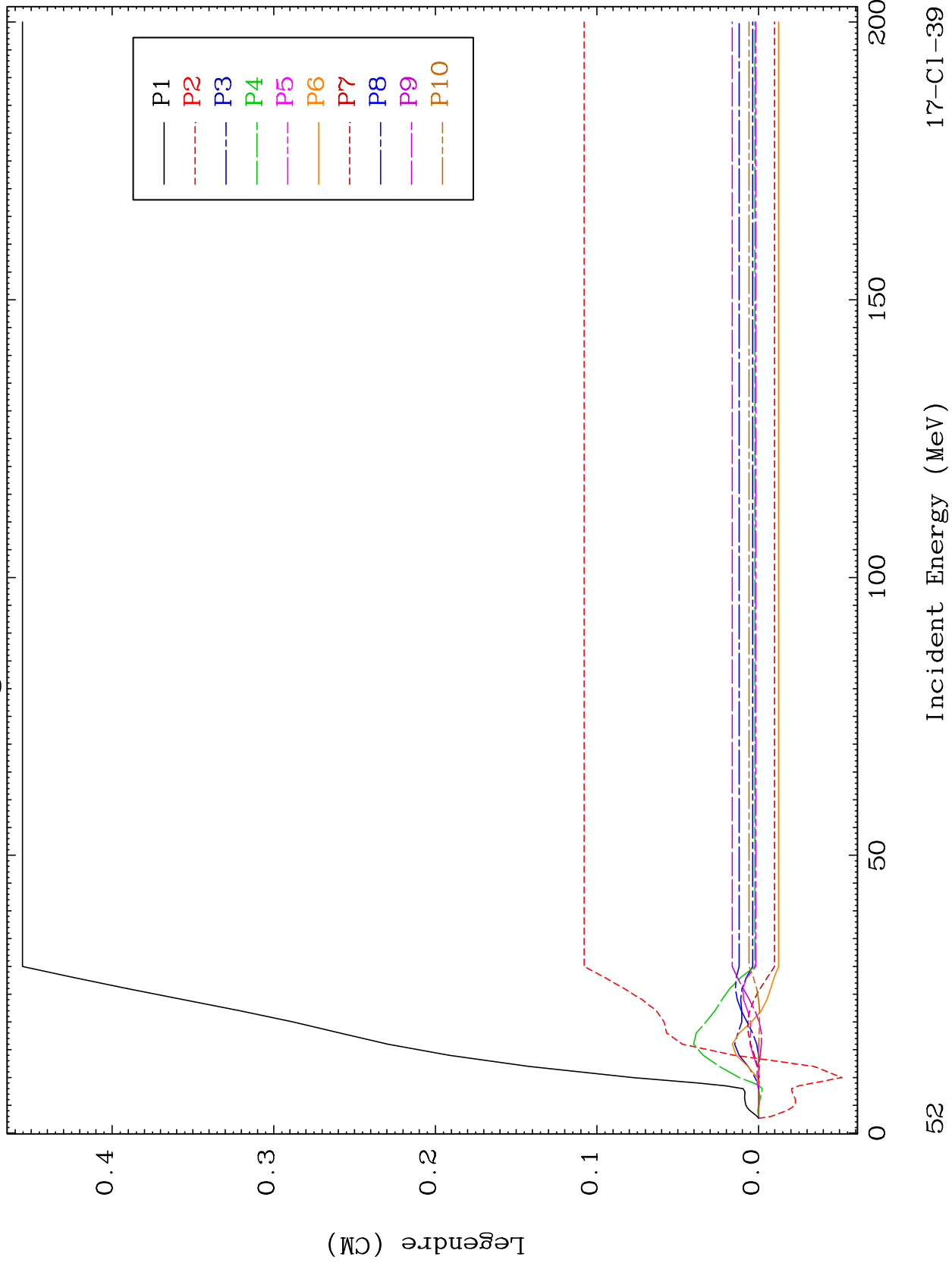




MAT 1737

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

17-Cl-39



17-Cl-39

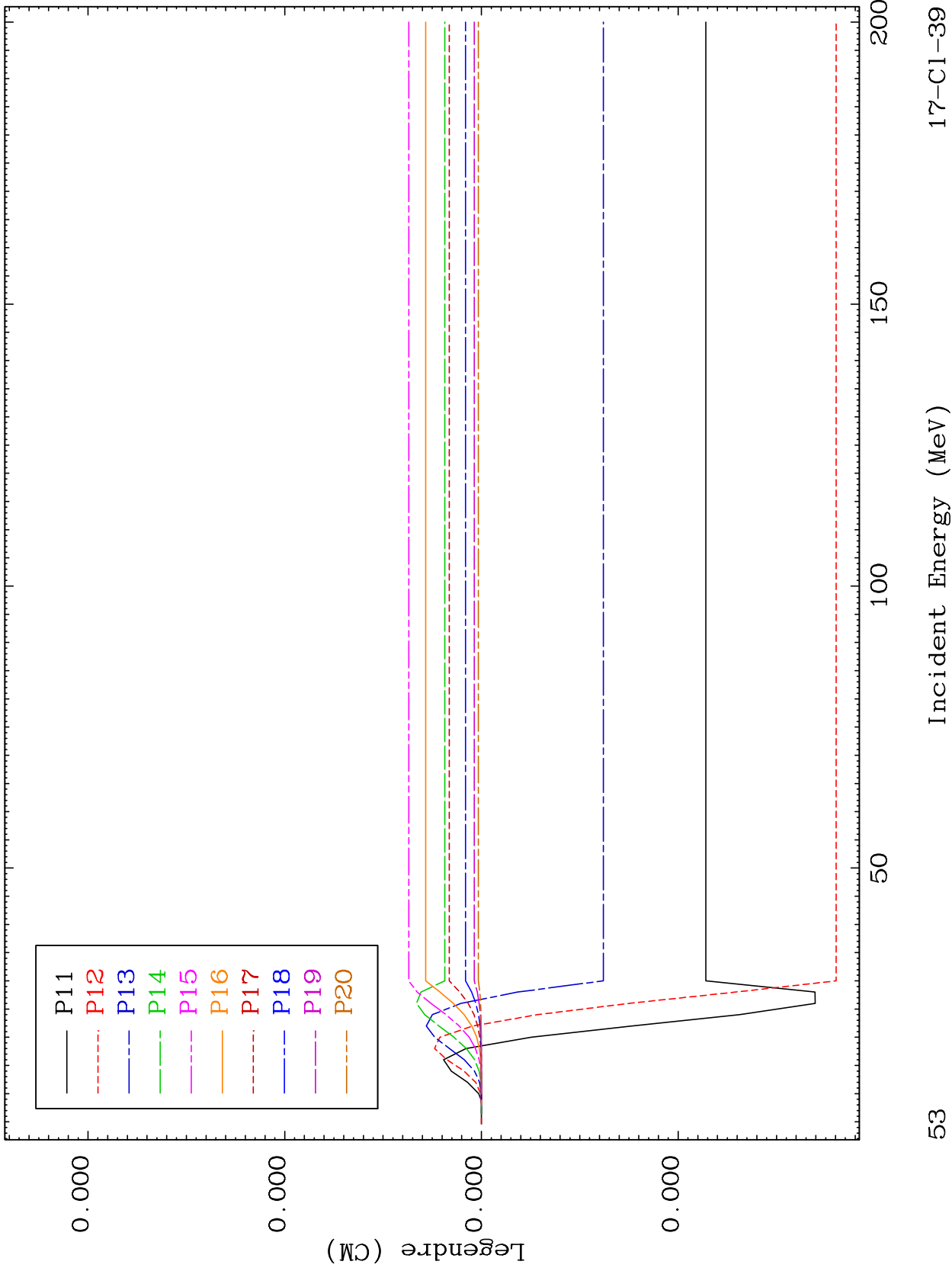
Incident Energy (MeV)

52

MAT 1737

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

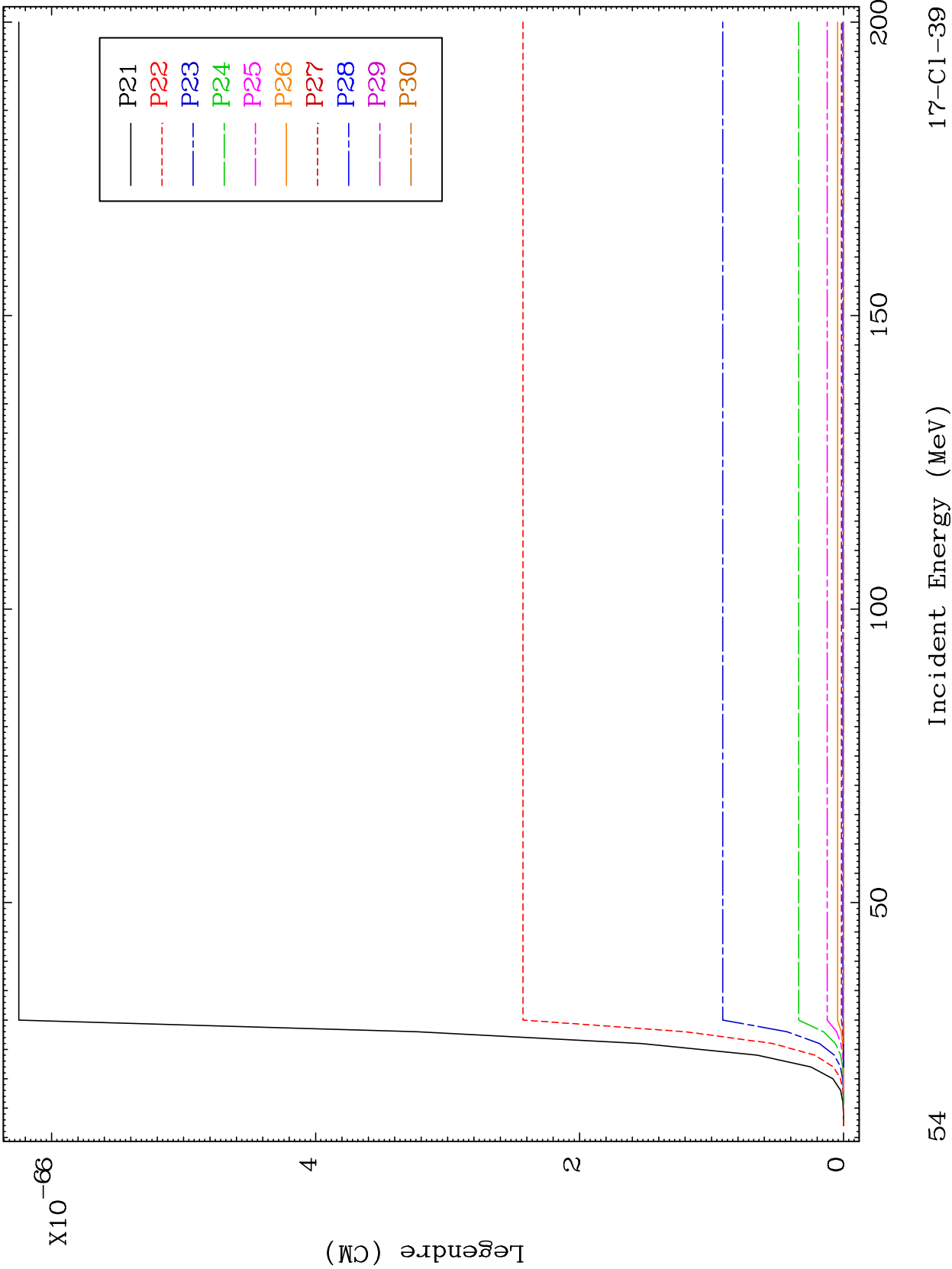
17-Cl-39



MAT 1737

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

17-Cl-39



54

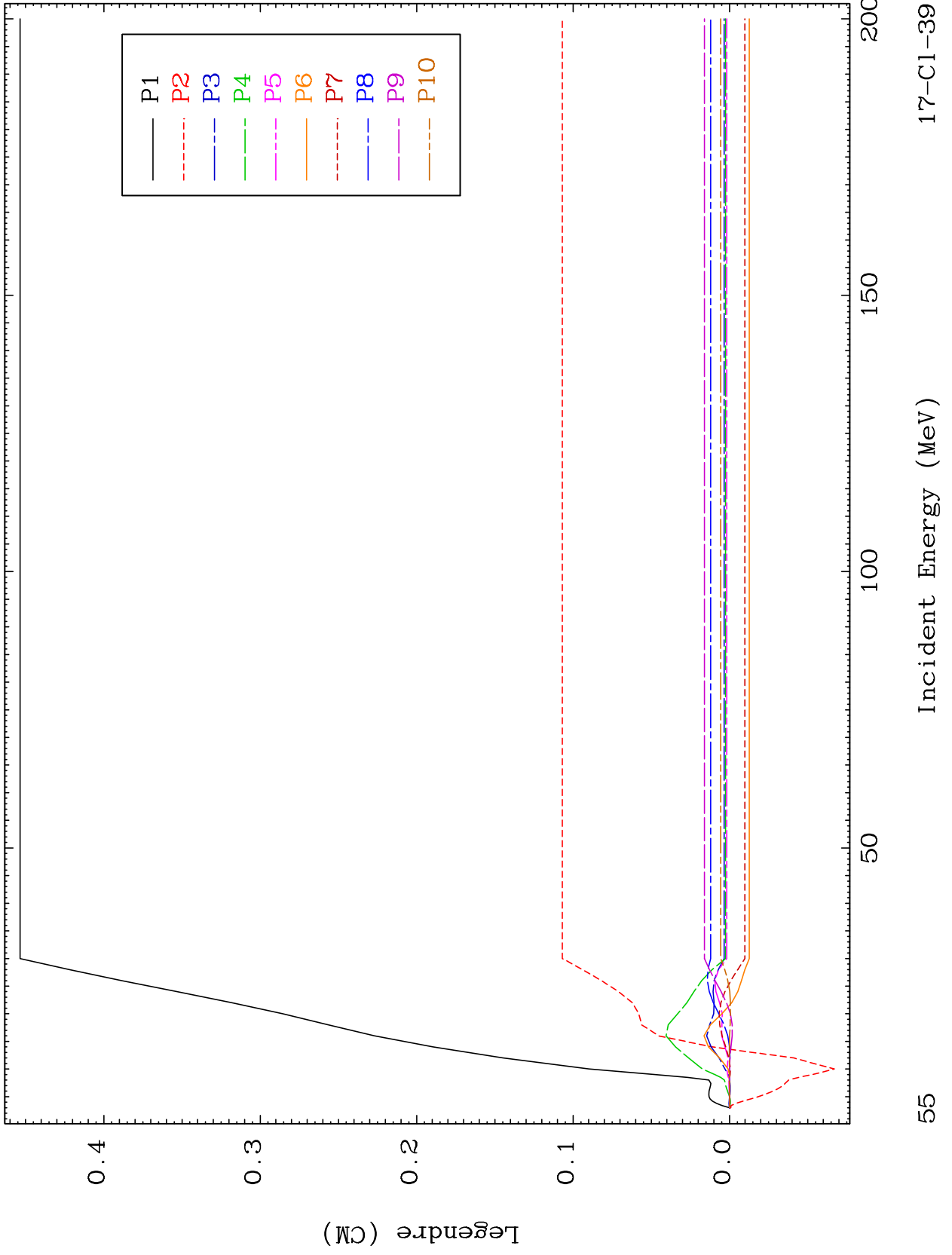
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

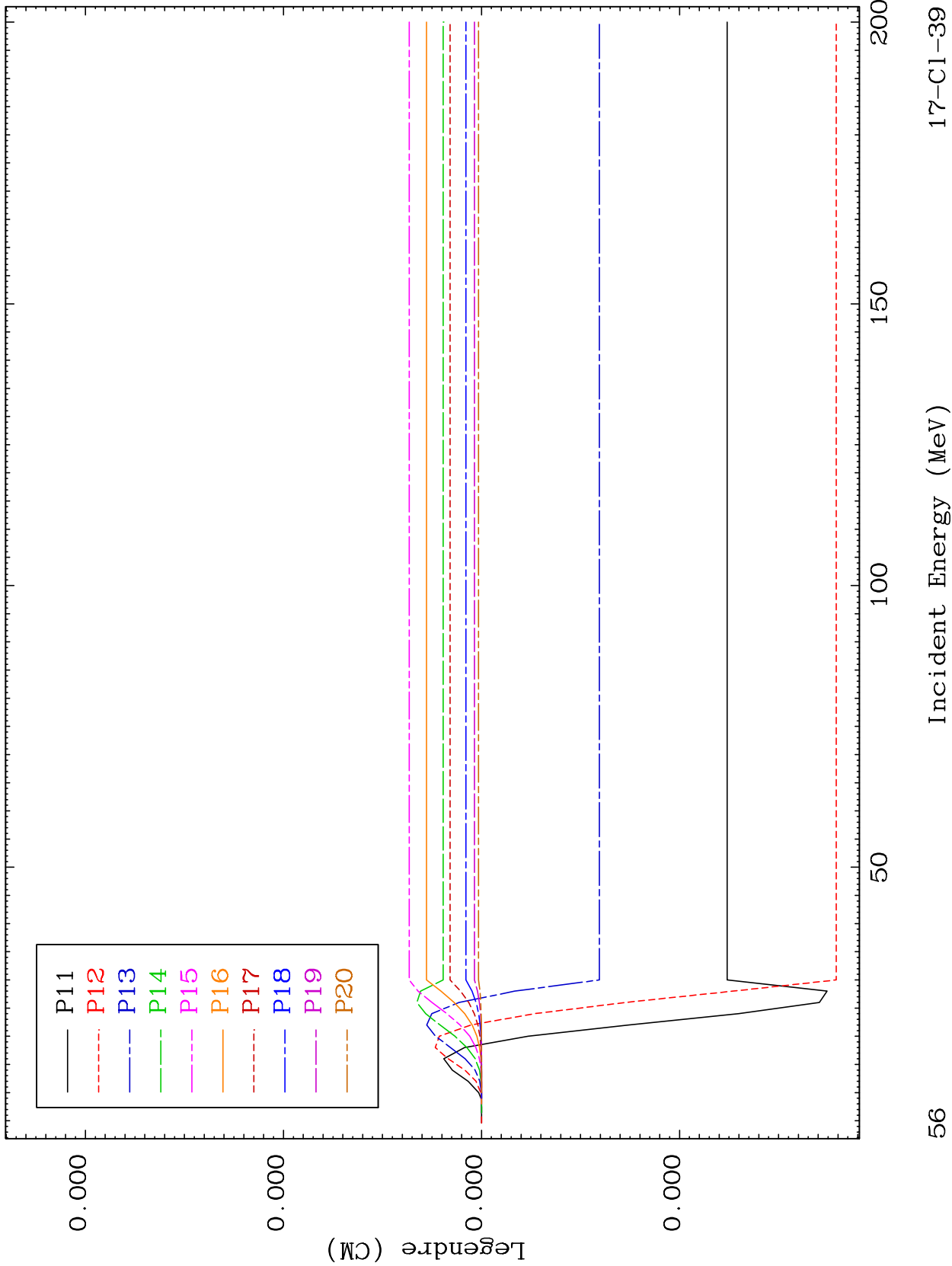
17-Cl-39



55

Incident Energy (MeV)

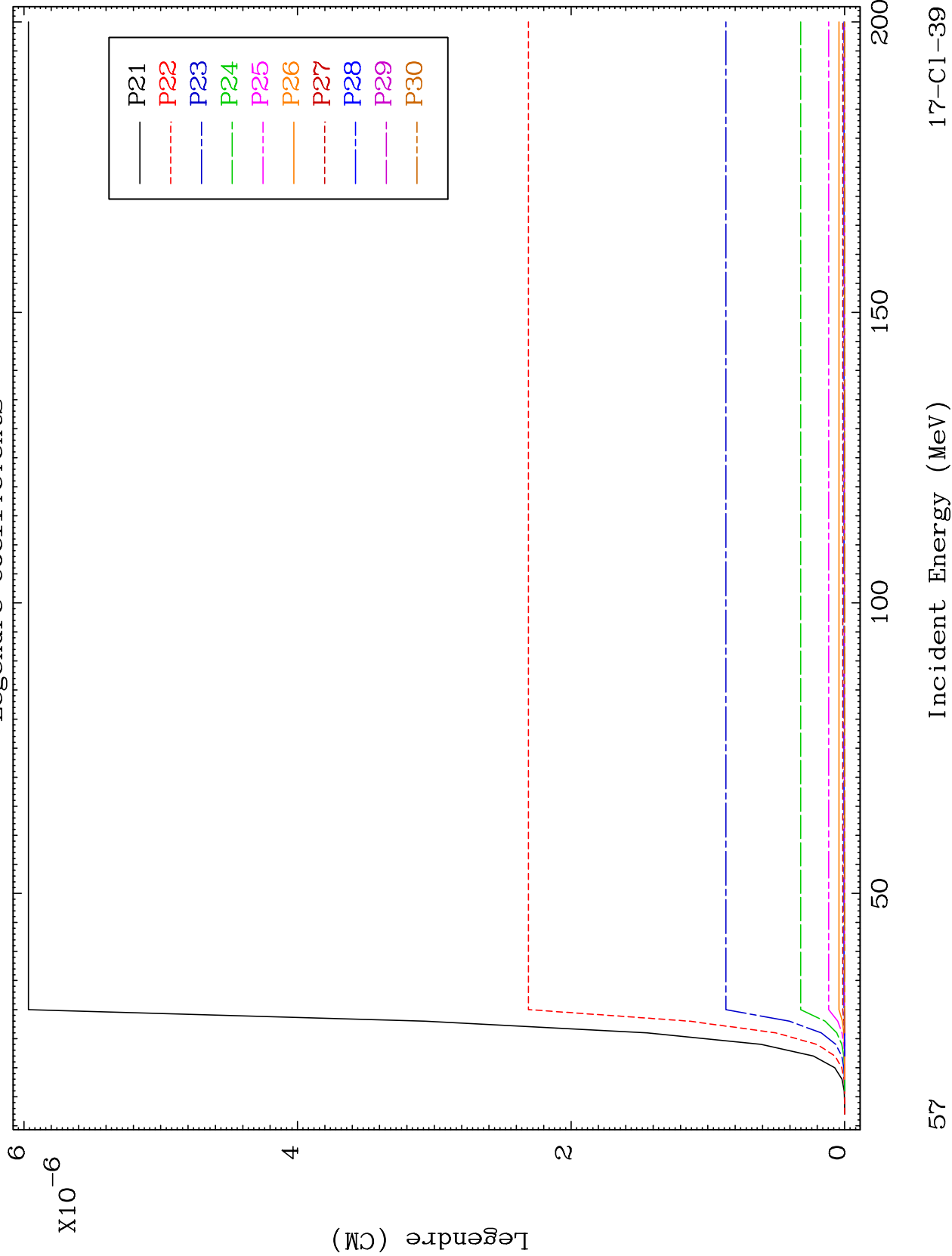
17-Cl-39

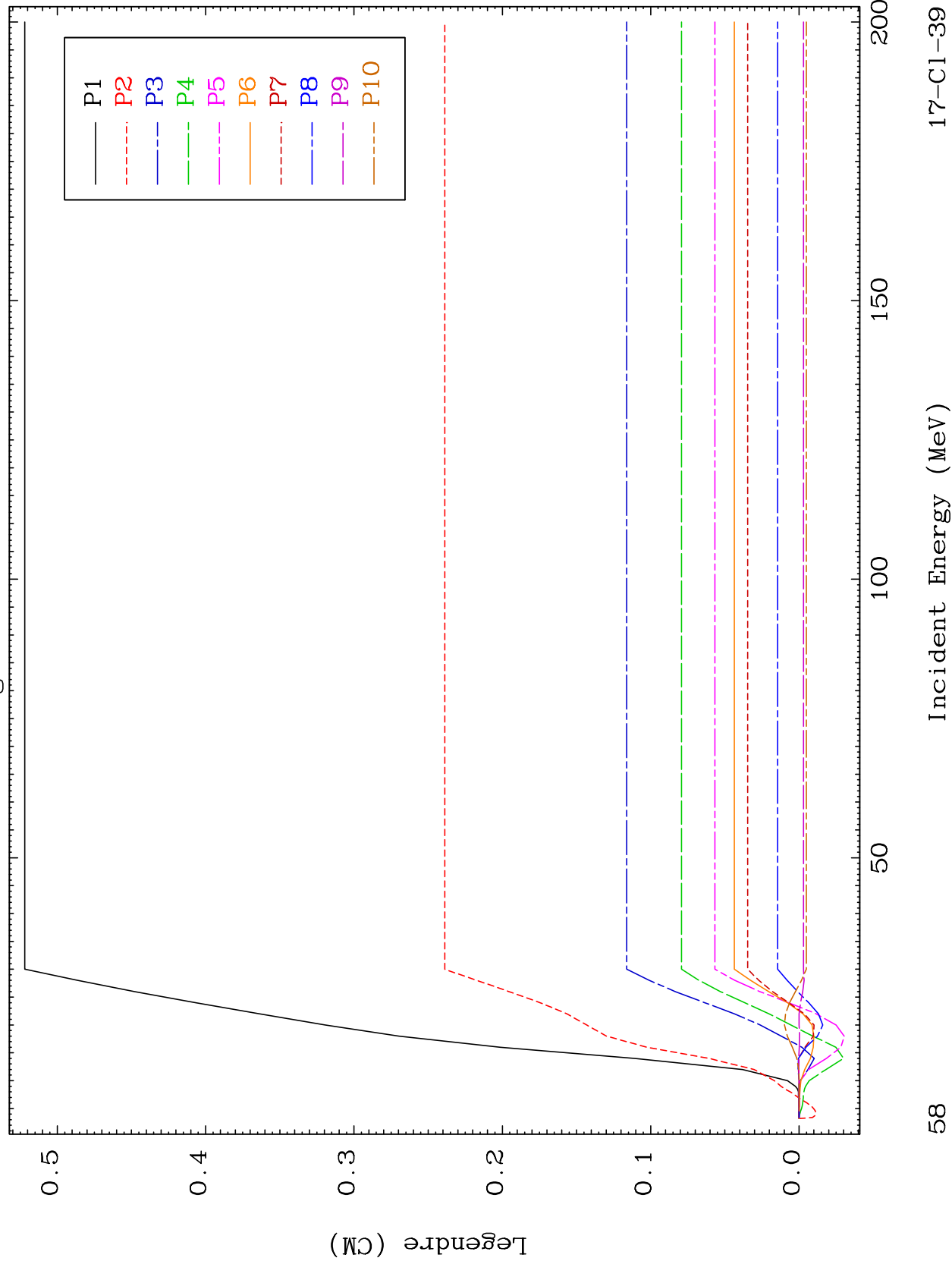


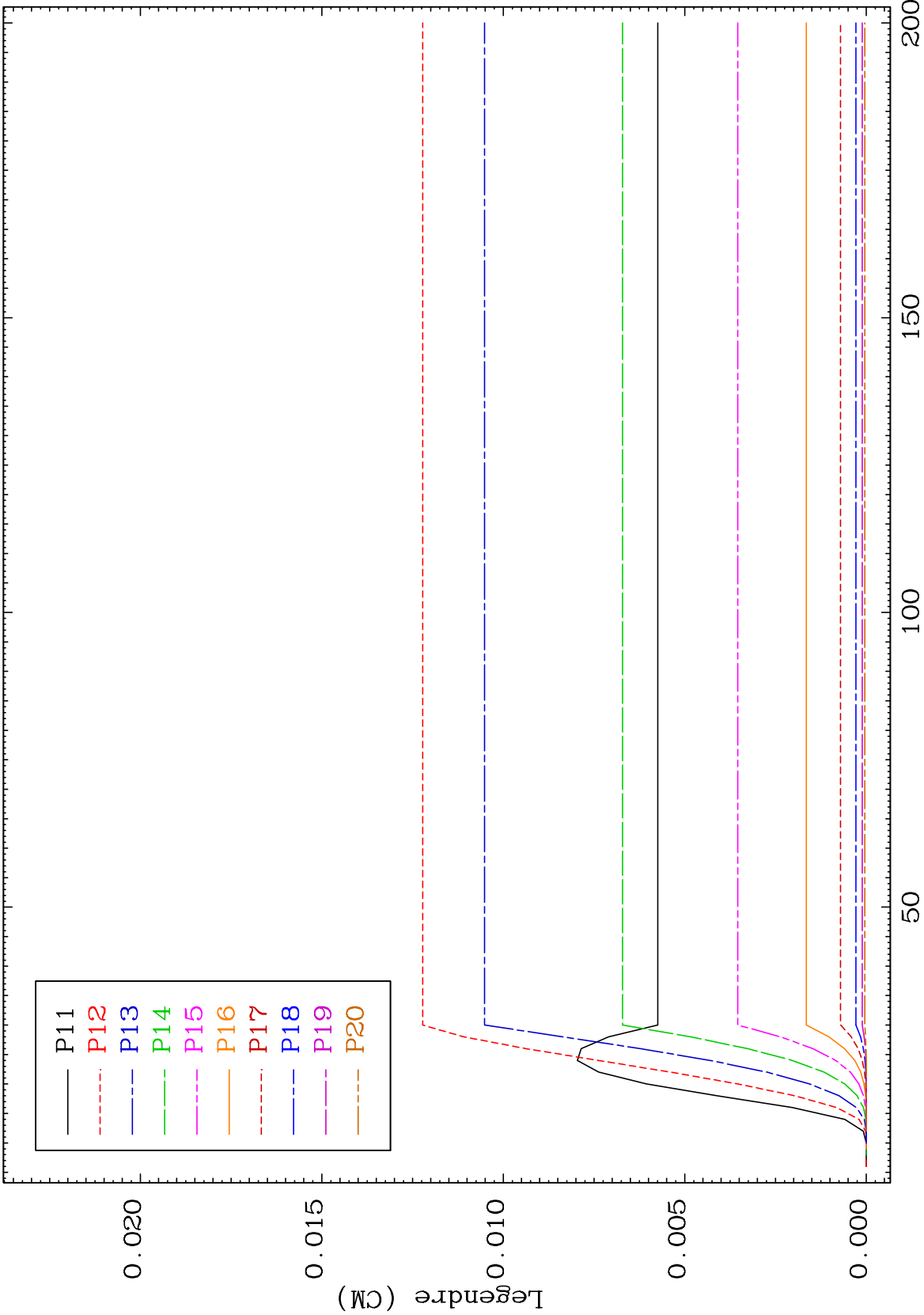
MAT 1737

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

17-C1-39



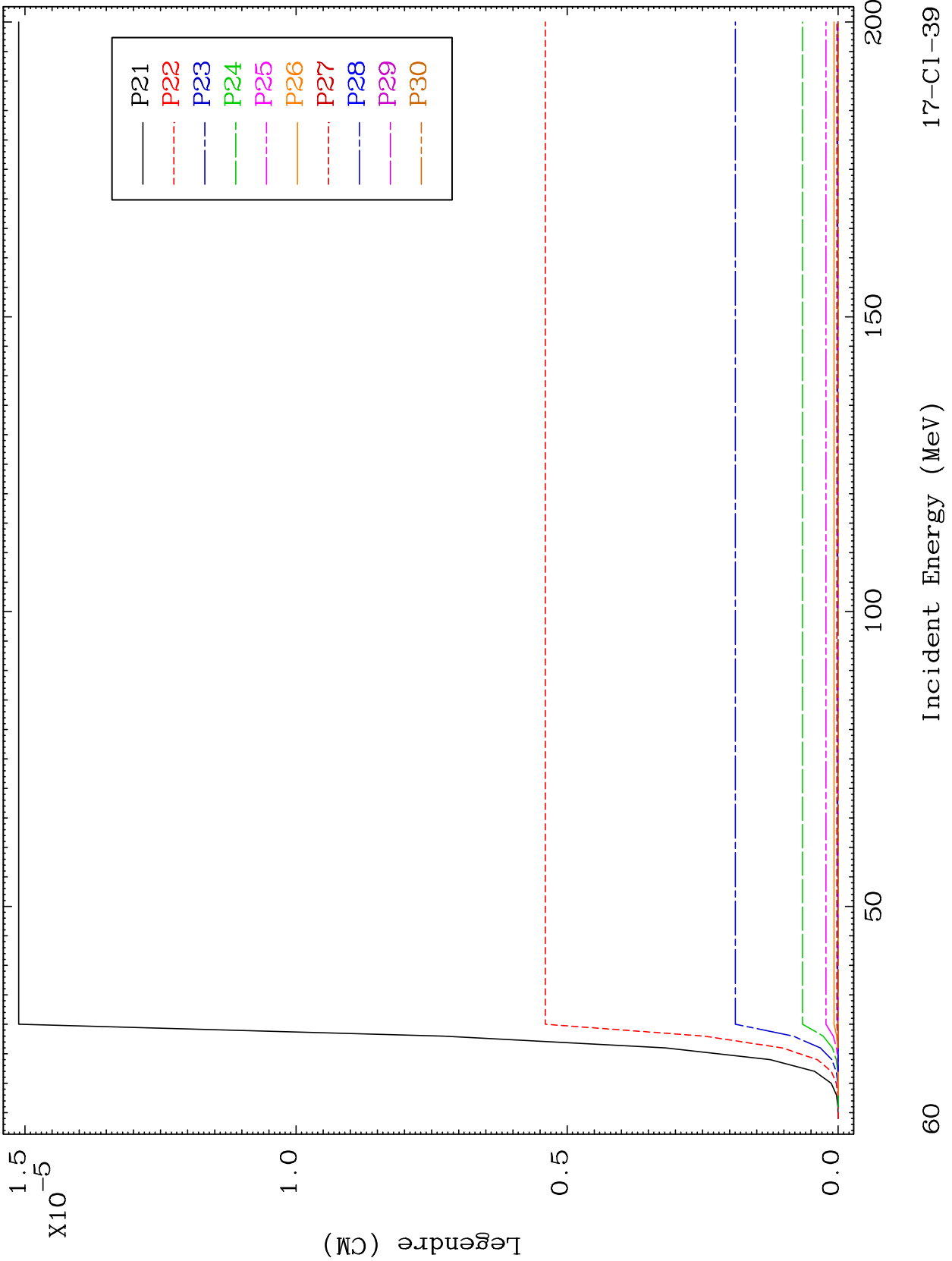




MAT 1737

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

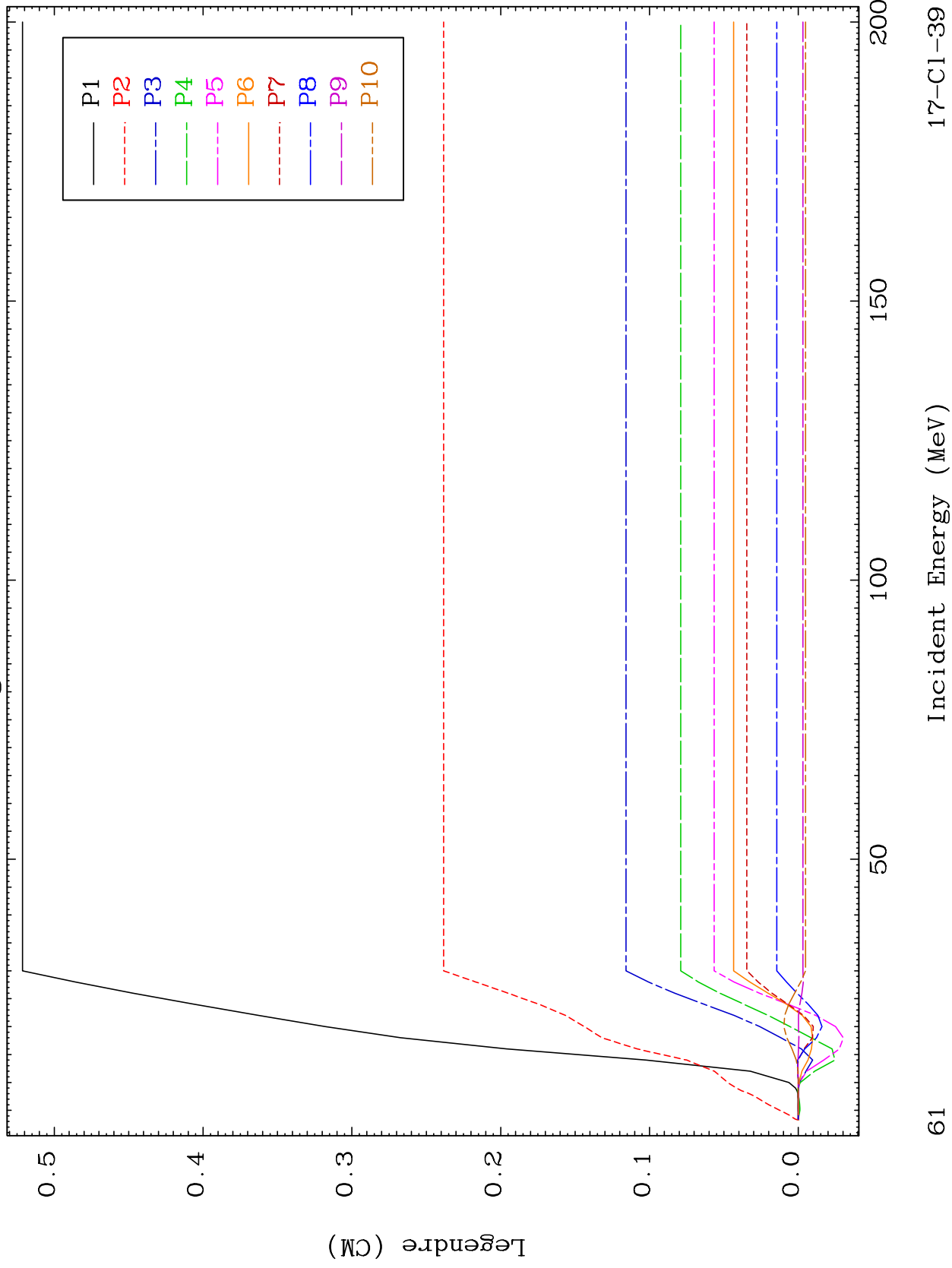
17-Cl-39



MAT 1737

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

17-Cl-39



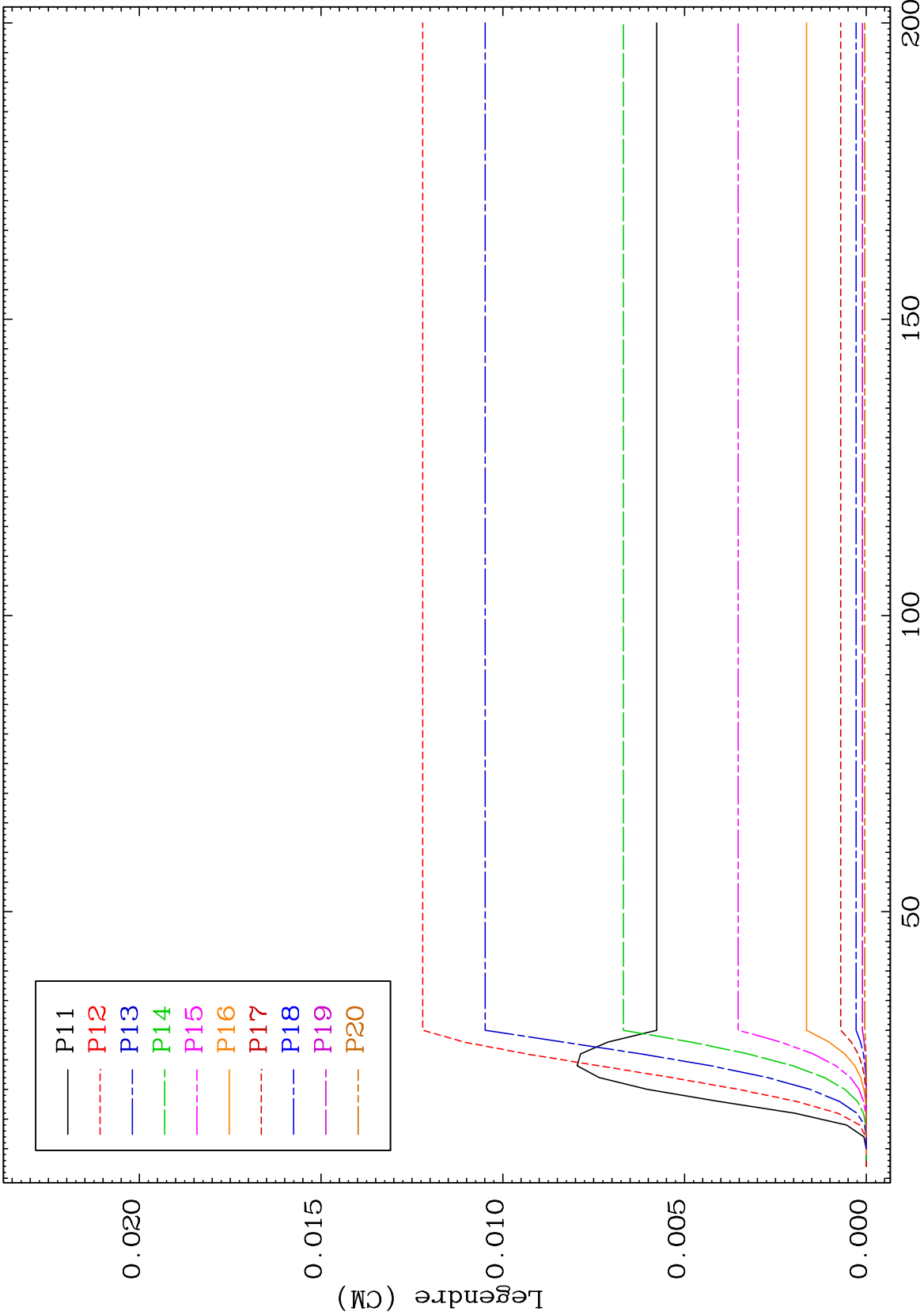
61

17-Cl-39

MAT 1737

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

17-Cl-39



62

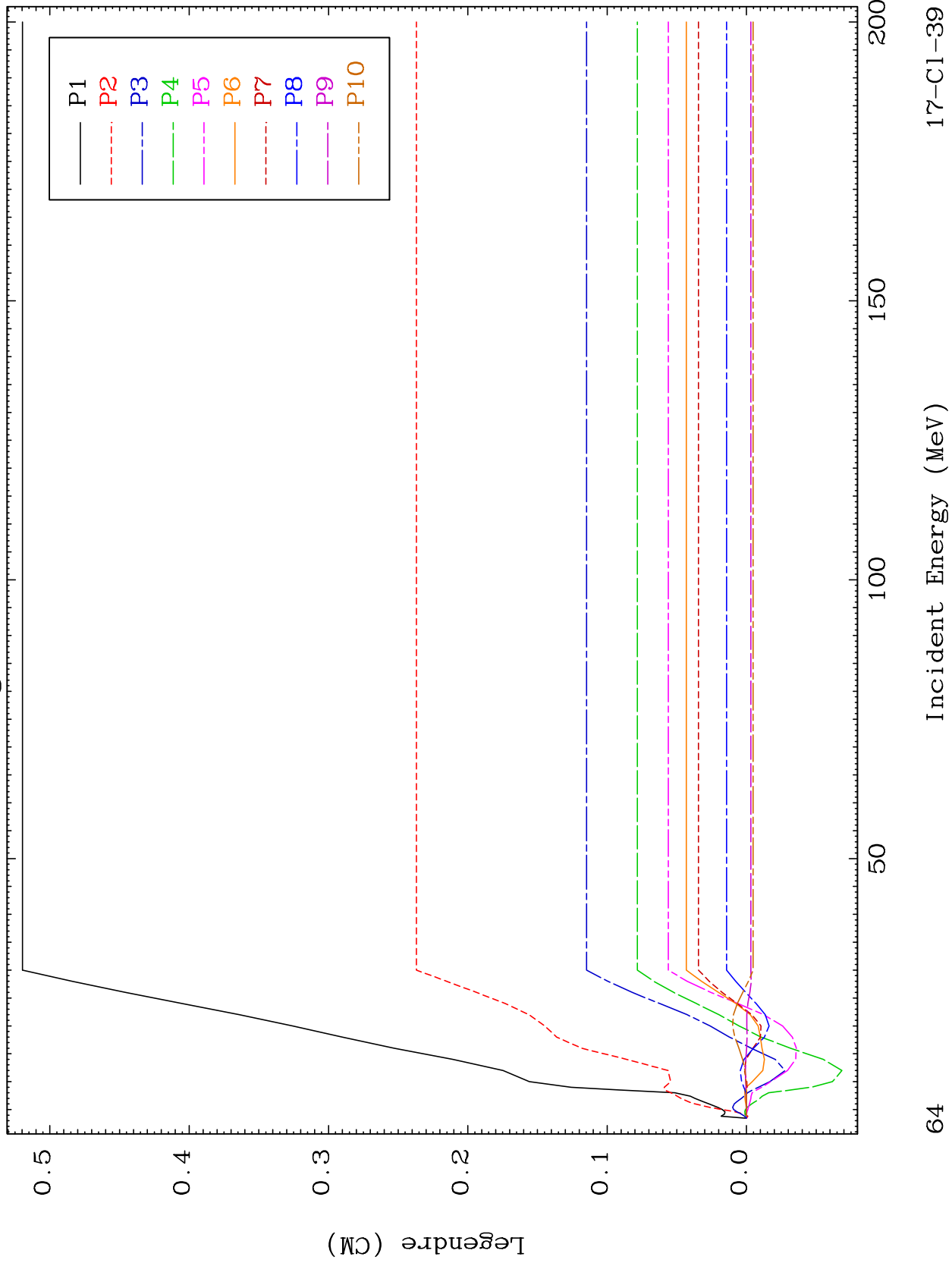
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



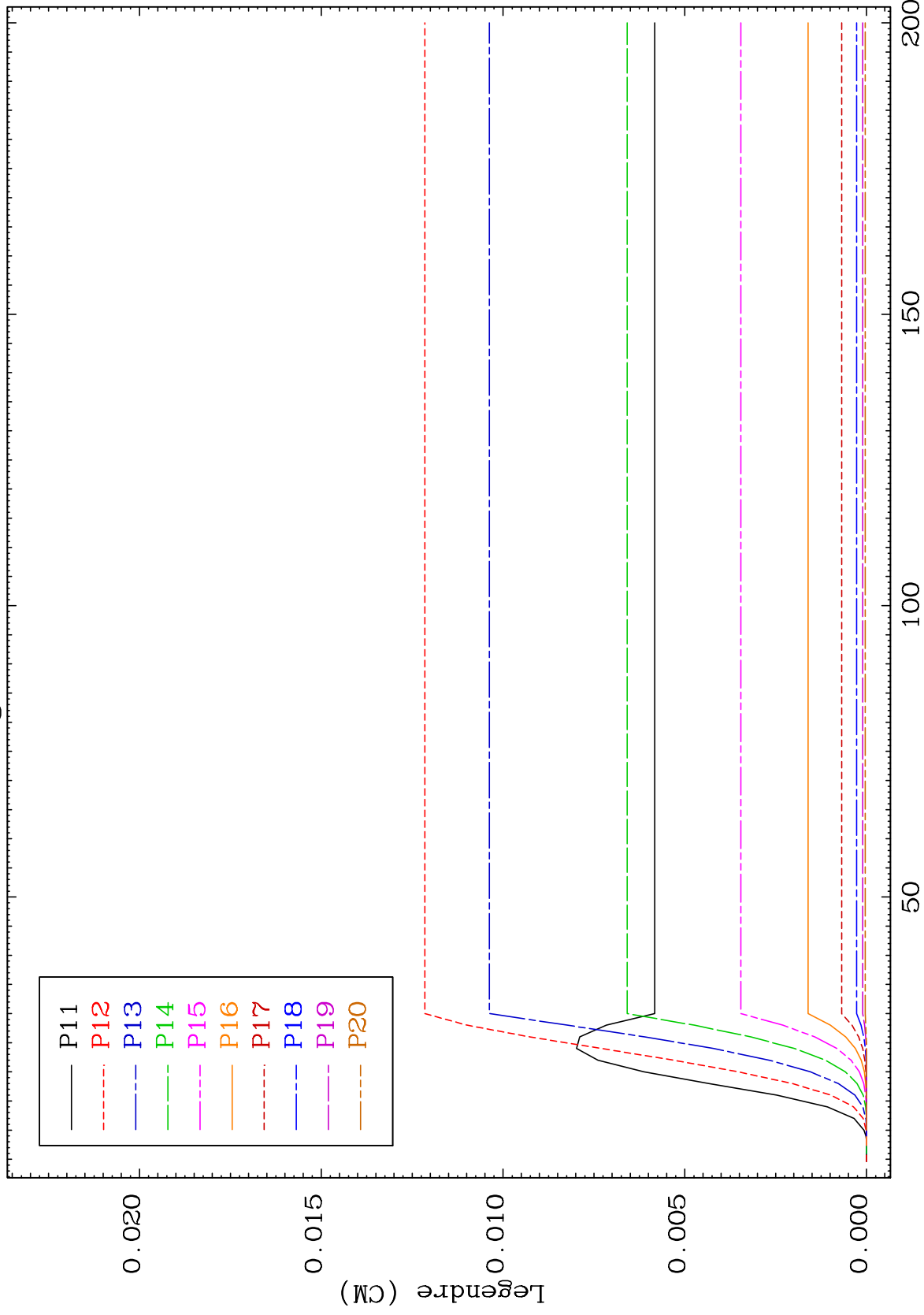
64

17-Cl-39

MAT 1737

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

17-Cl-39



65

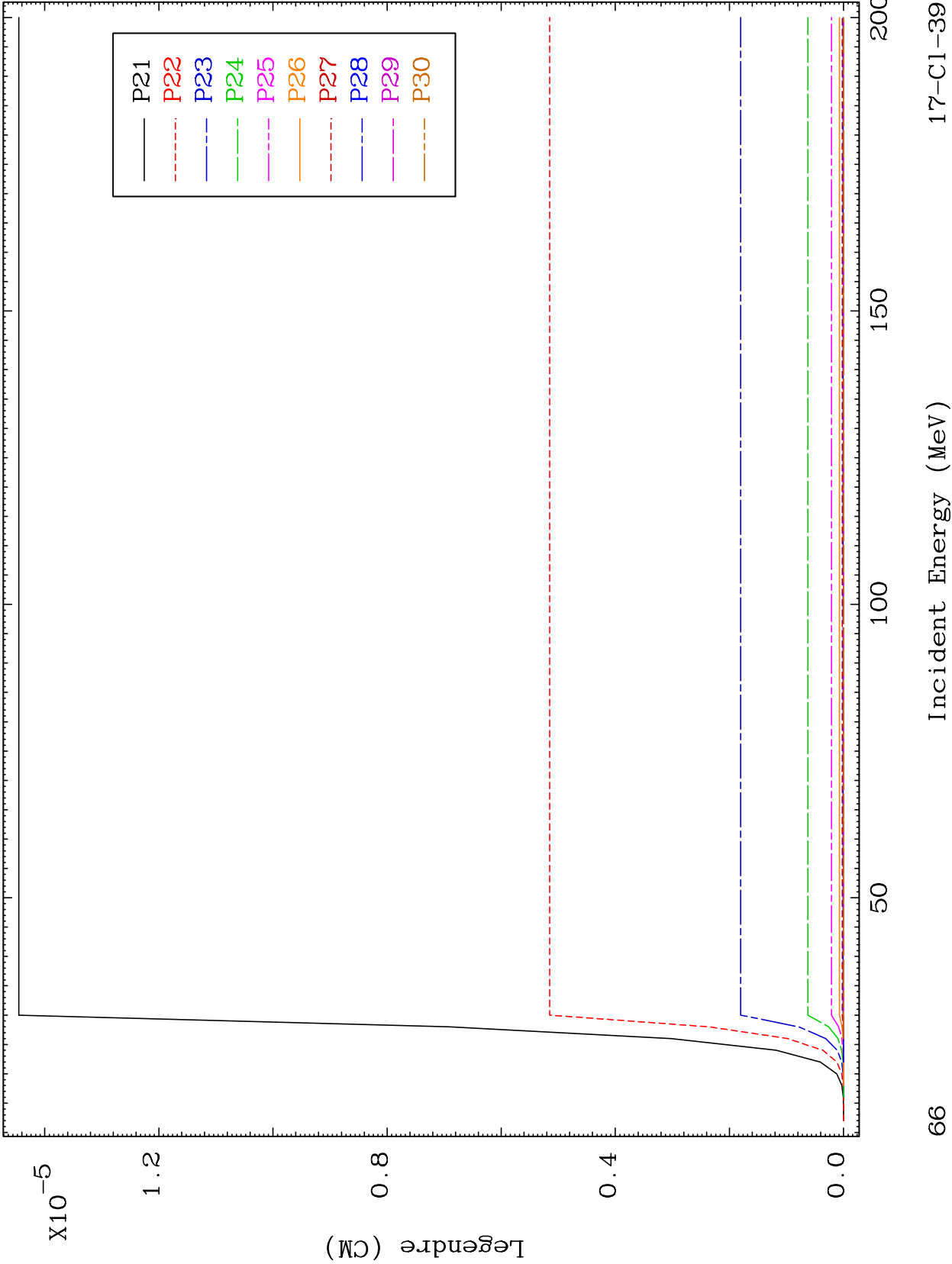
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



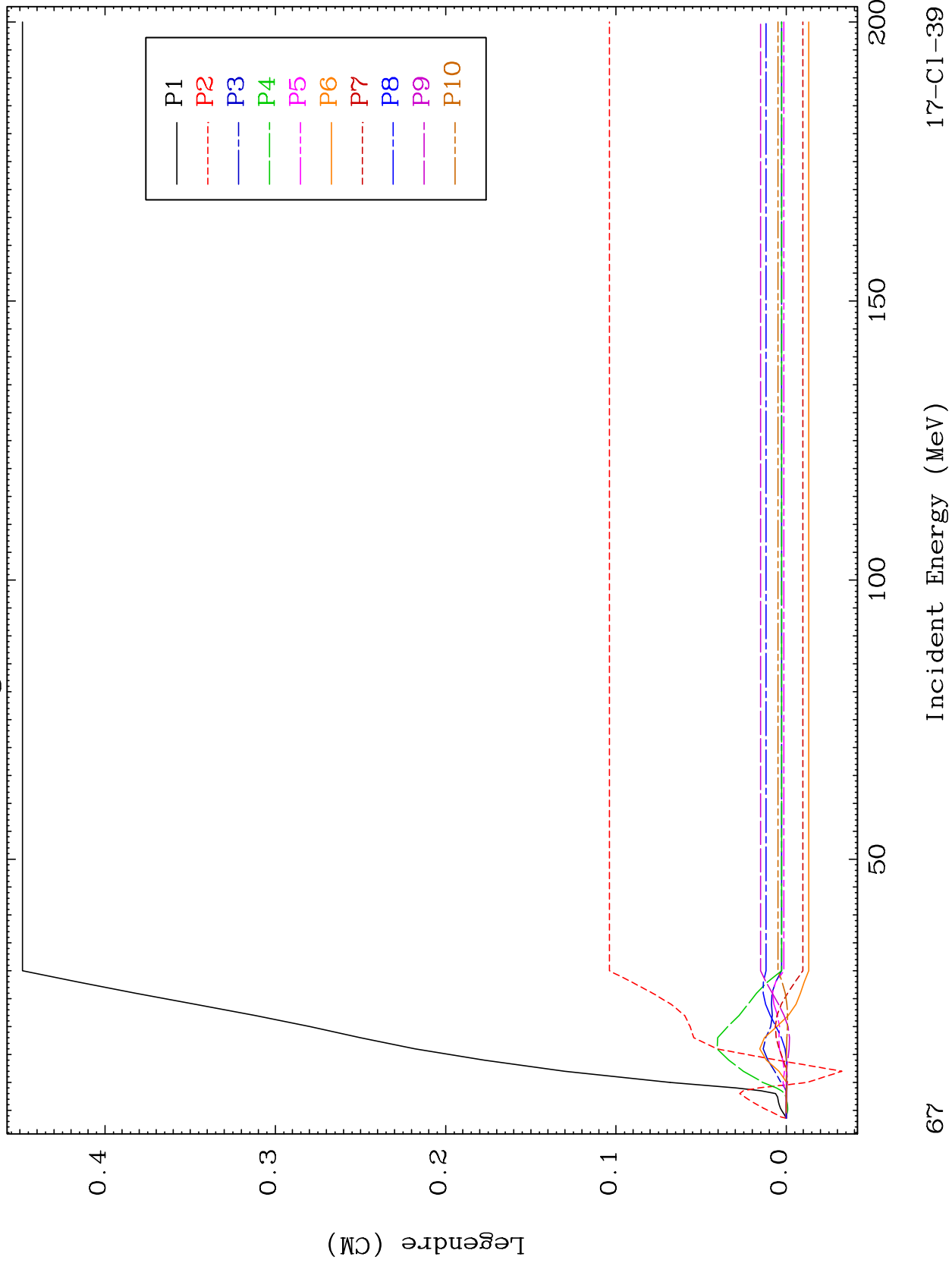
66

17-Cl-39

MAT 1737

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

17-Cl-39

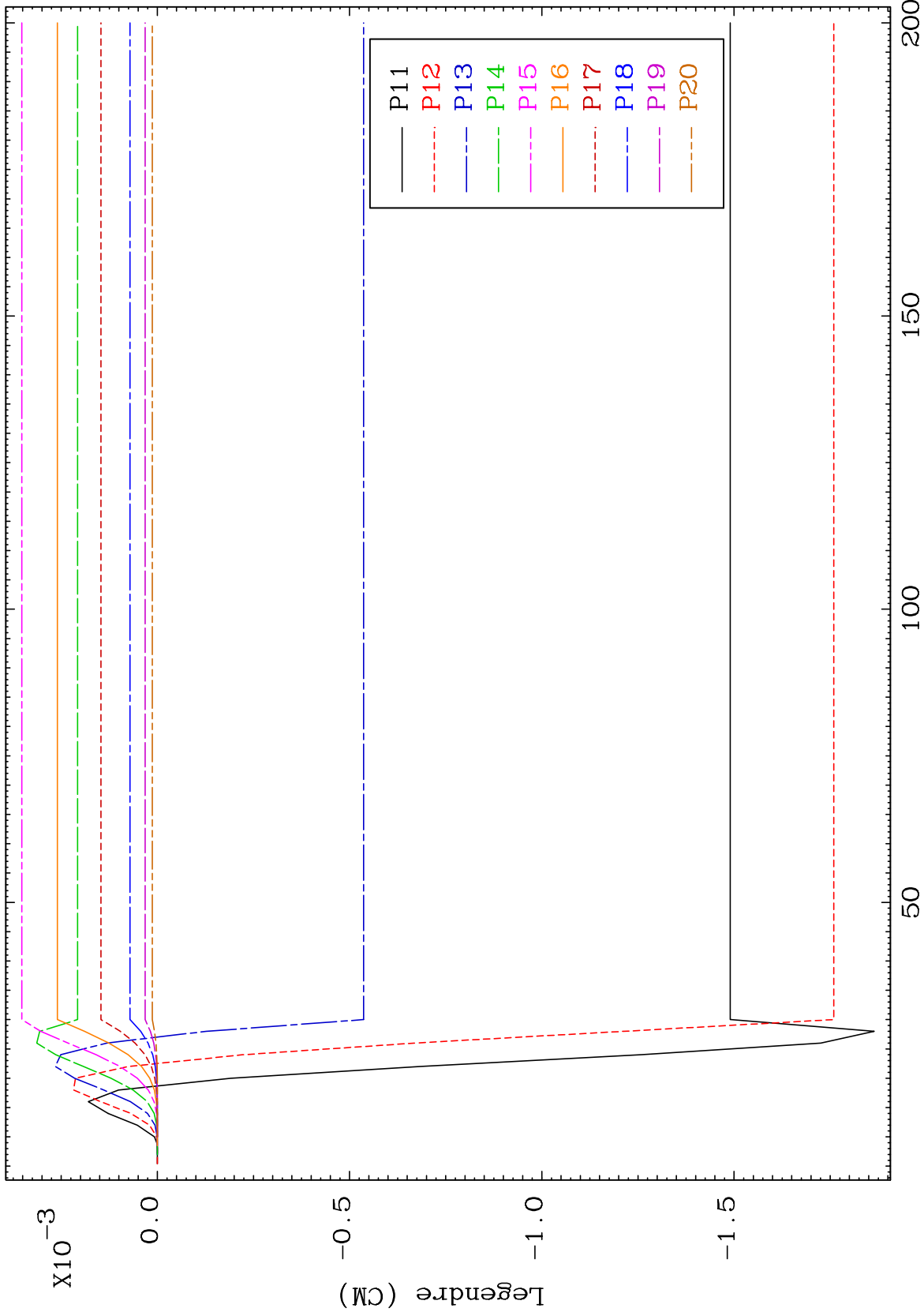


MAT 1737

MT= 67 (n,n') Level

17-Cl-39

Legendre Coefficients



68

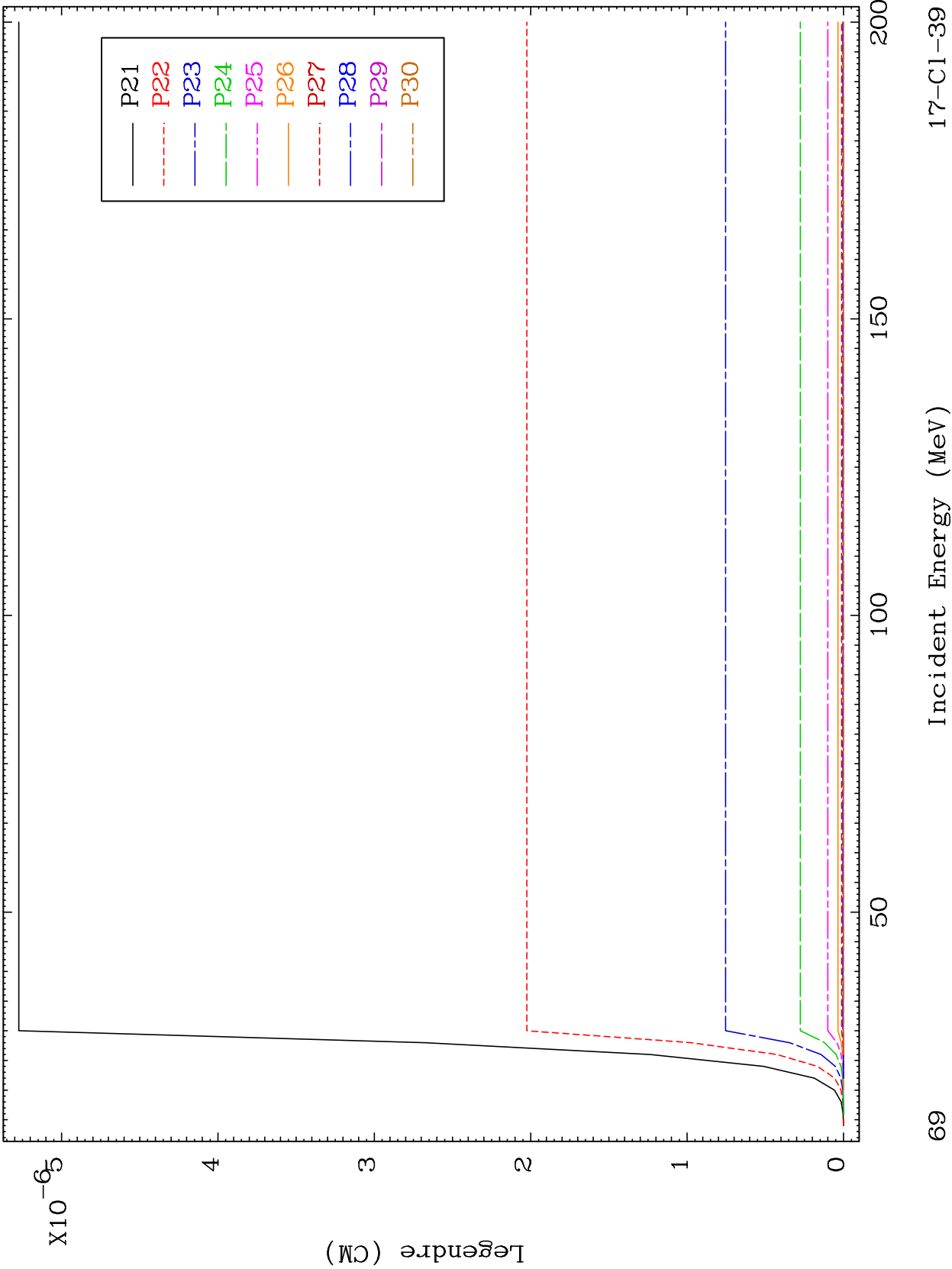
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



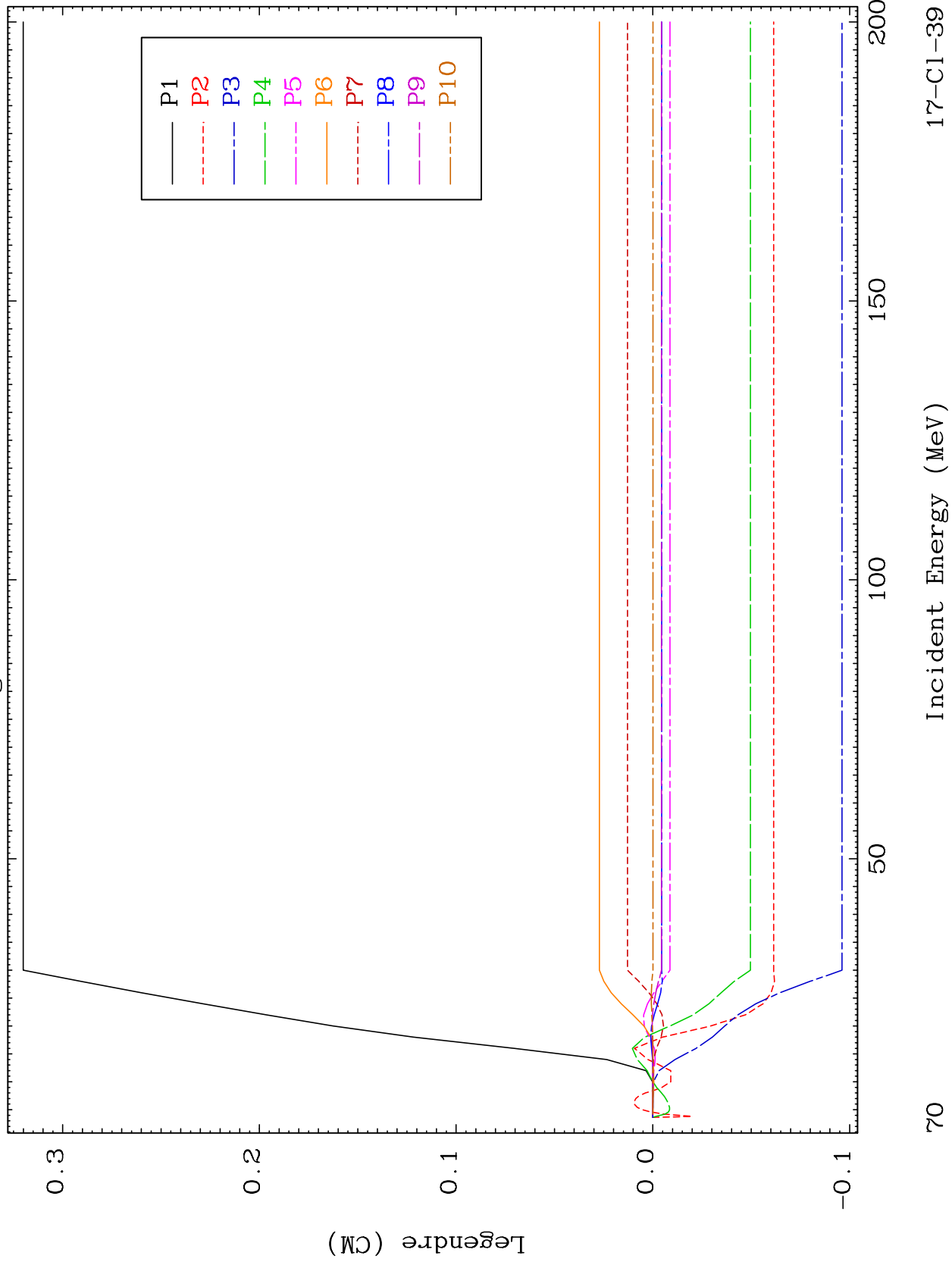
69

17-Cl-39

MAT 1737

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

17-Cl-39



17-Cl-39

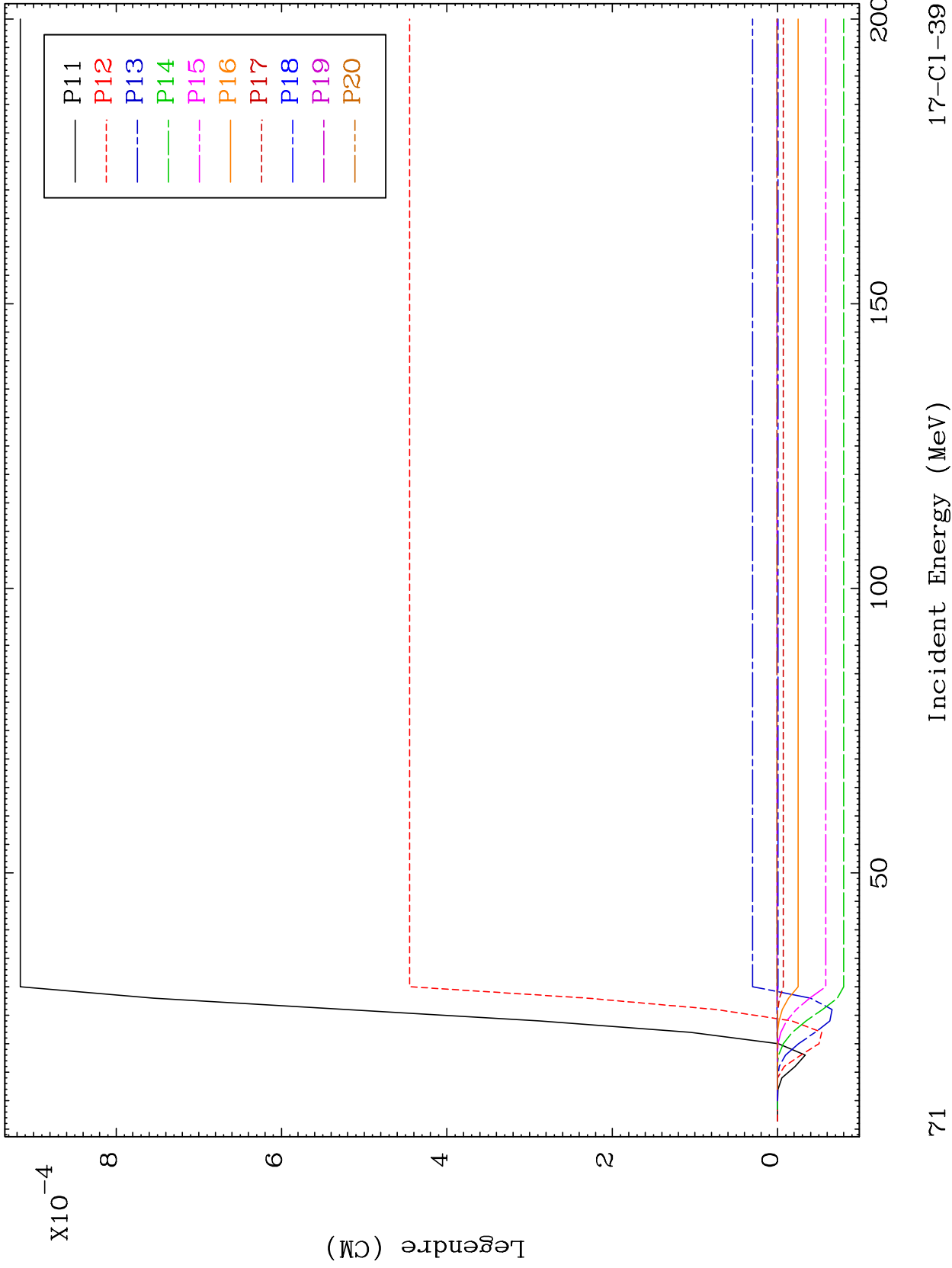
Incident Energy (MeV)

70

MAT 1737

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

17-Cl-39



71

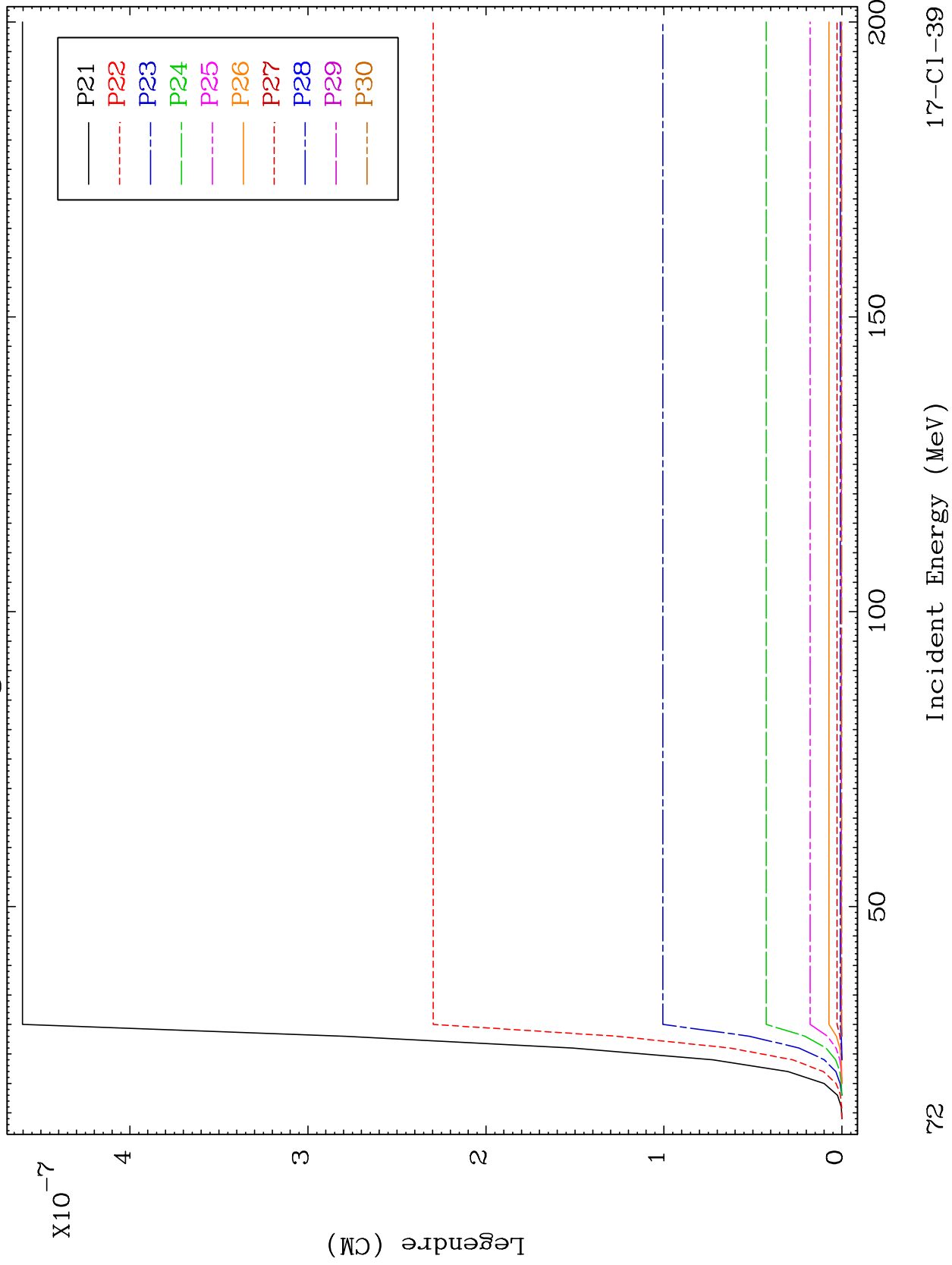
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

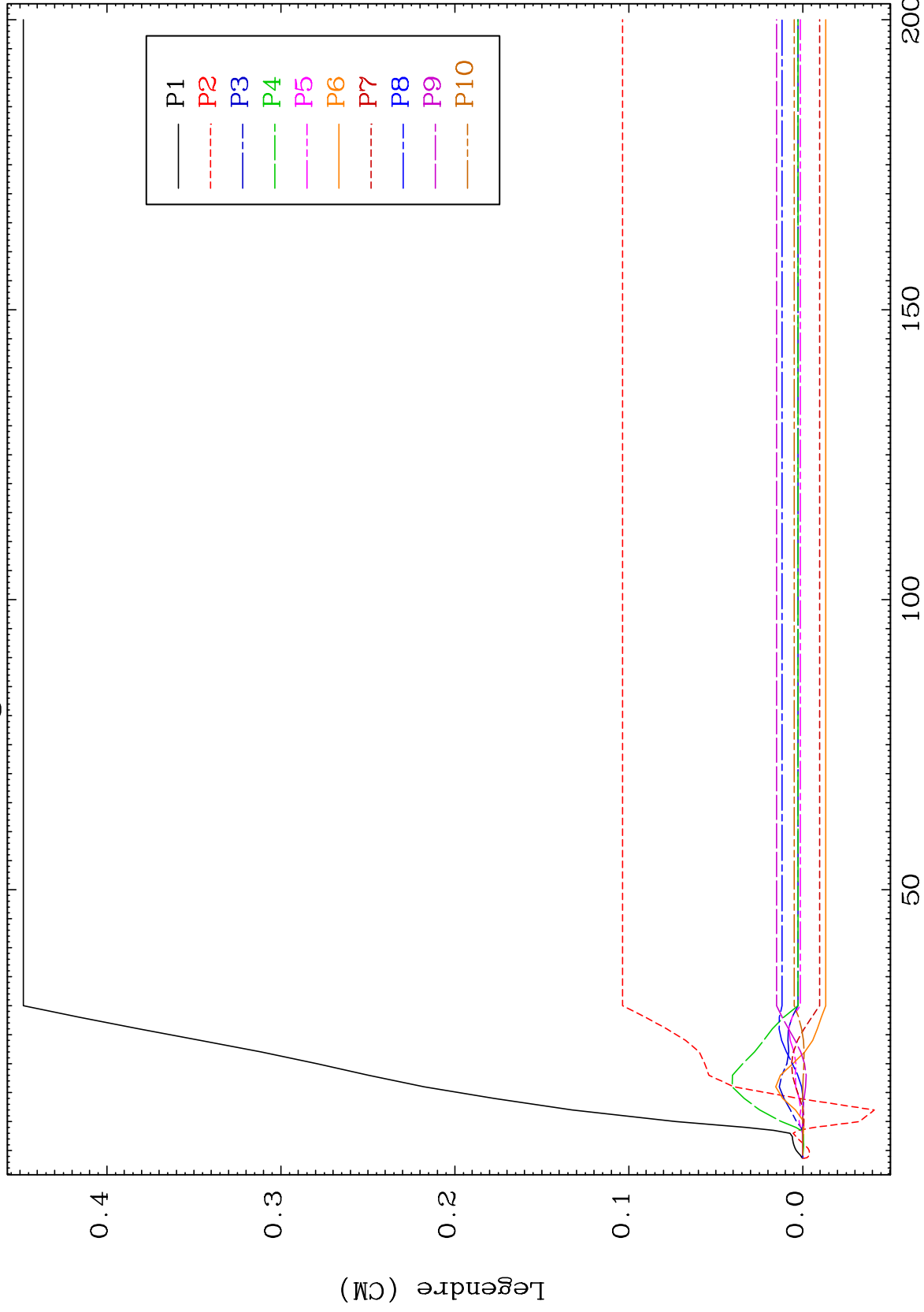
17-Cl-39



MAT 1737

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

17-Cl-39



73

Incident Energy (MeV)

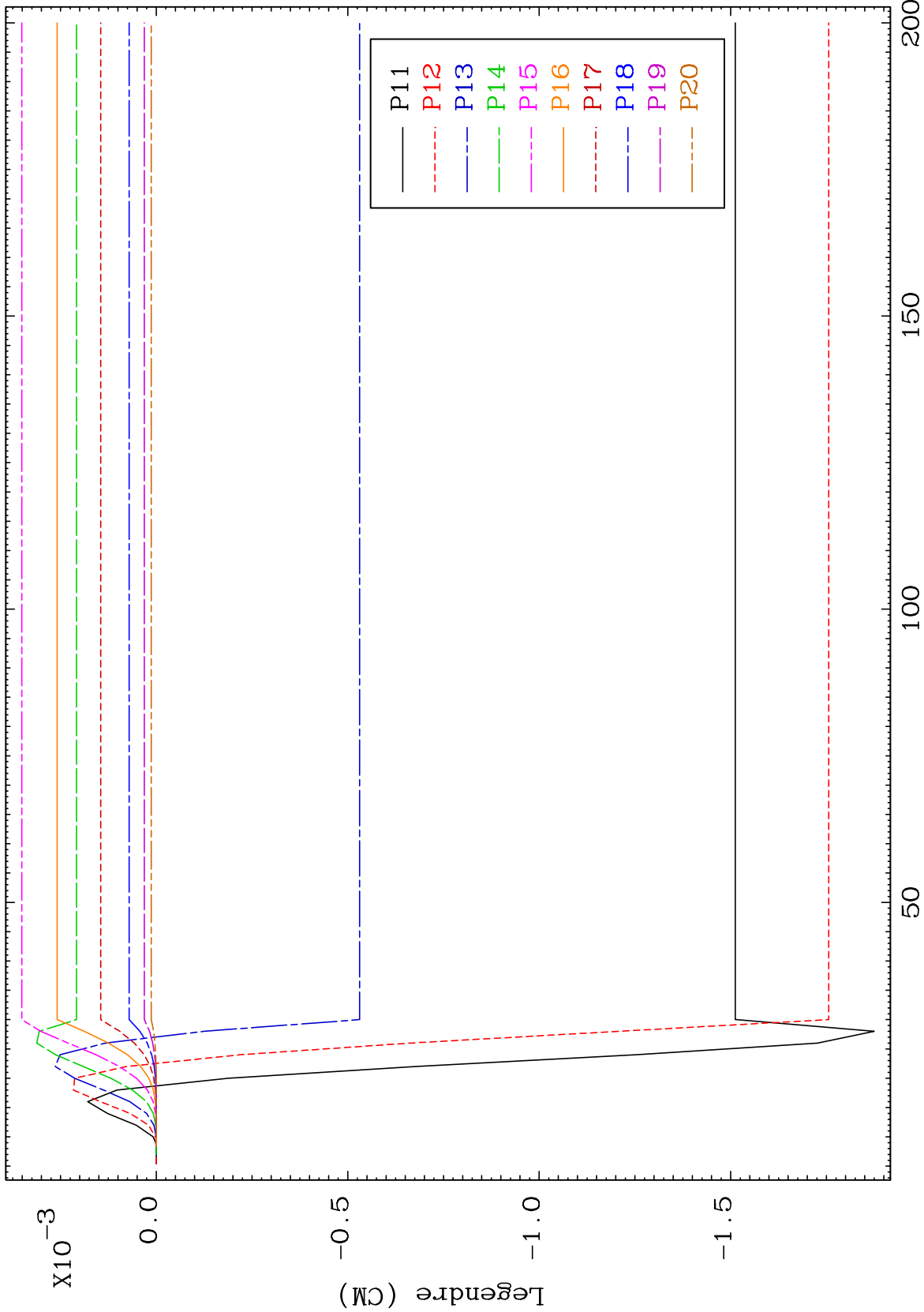
17-Cl-39

MAT 1737

MT= 69 (n,n') Level

17-Cl-39

Legendre Coefficients



74

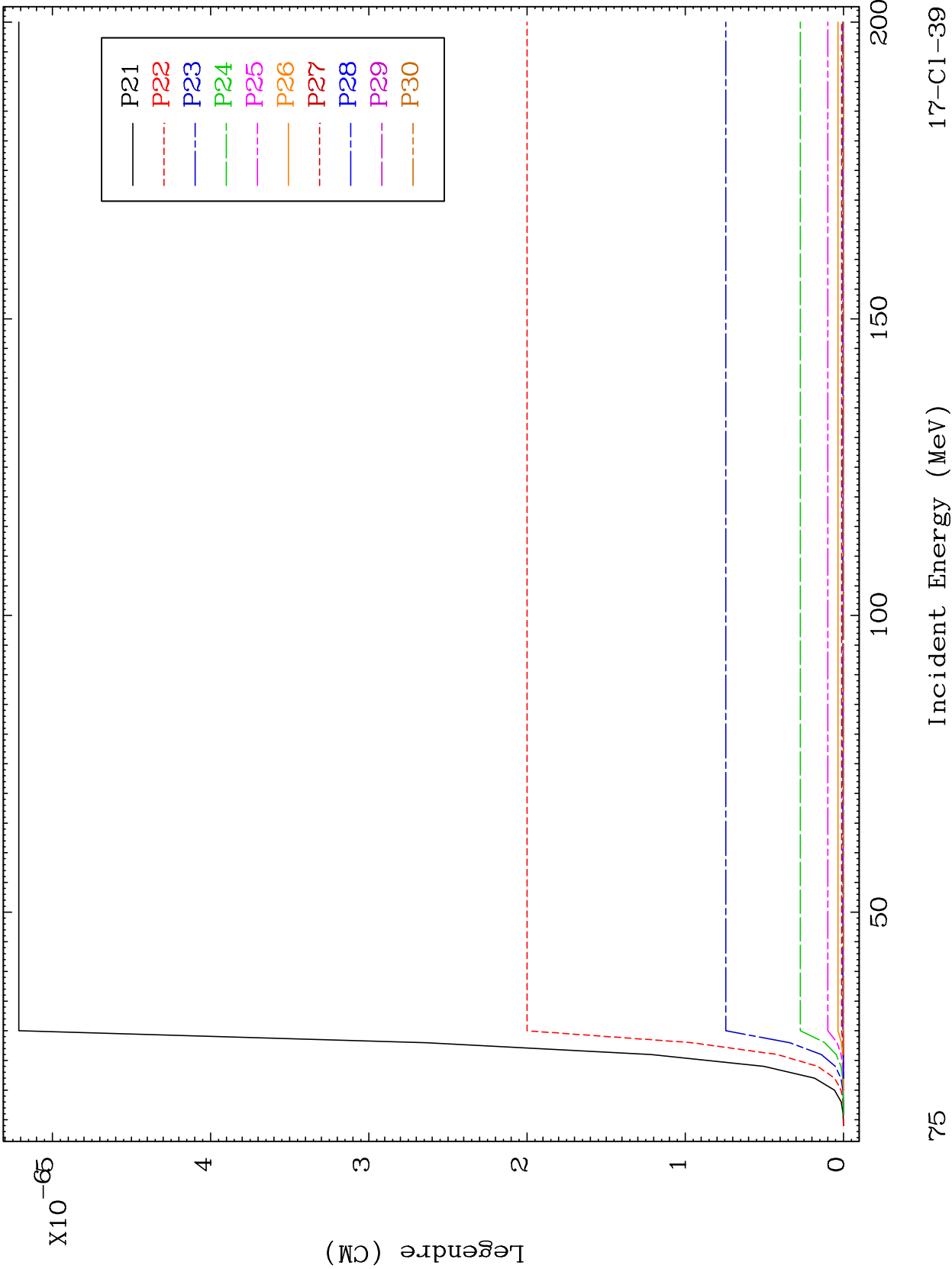
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



75

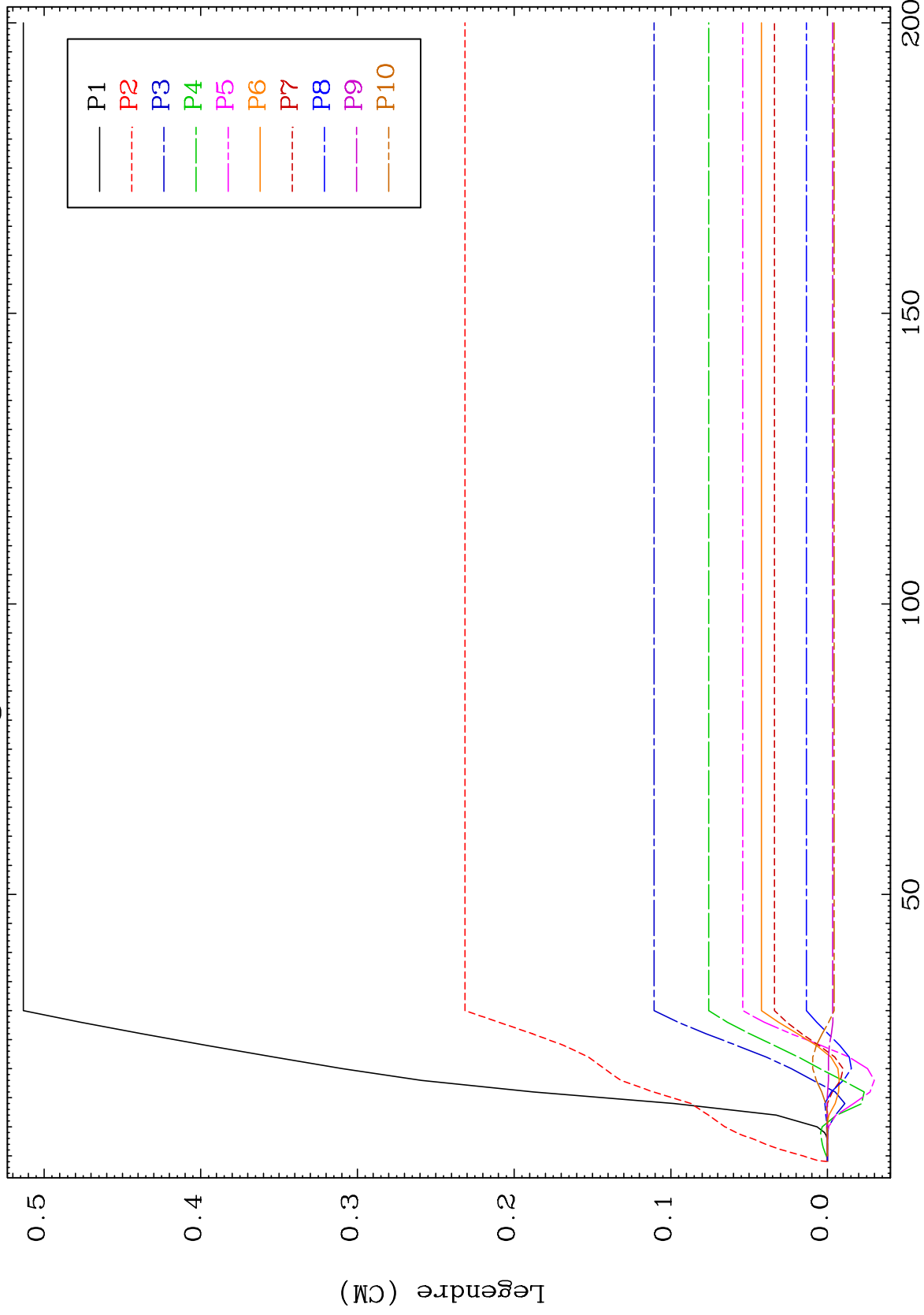
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

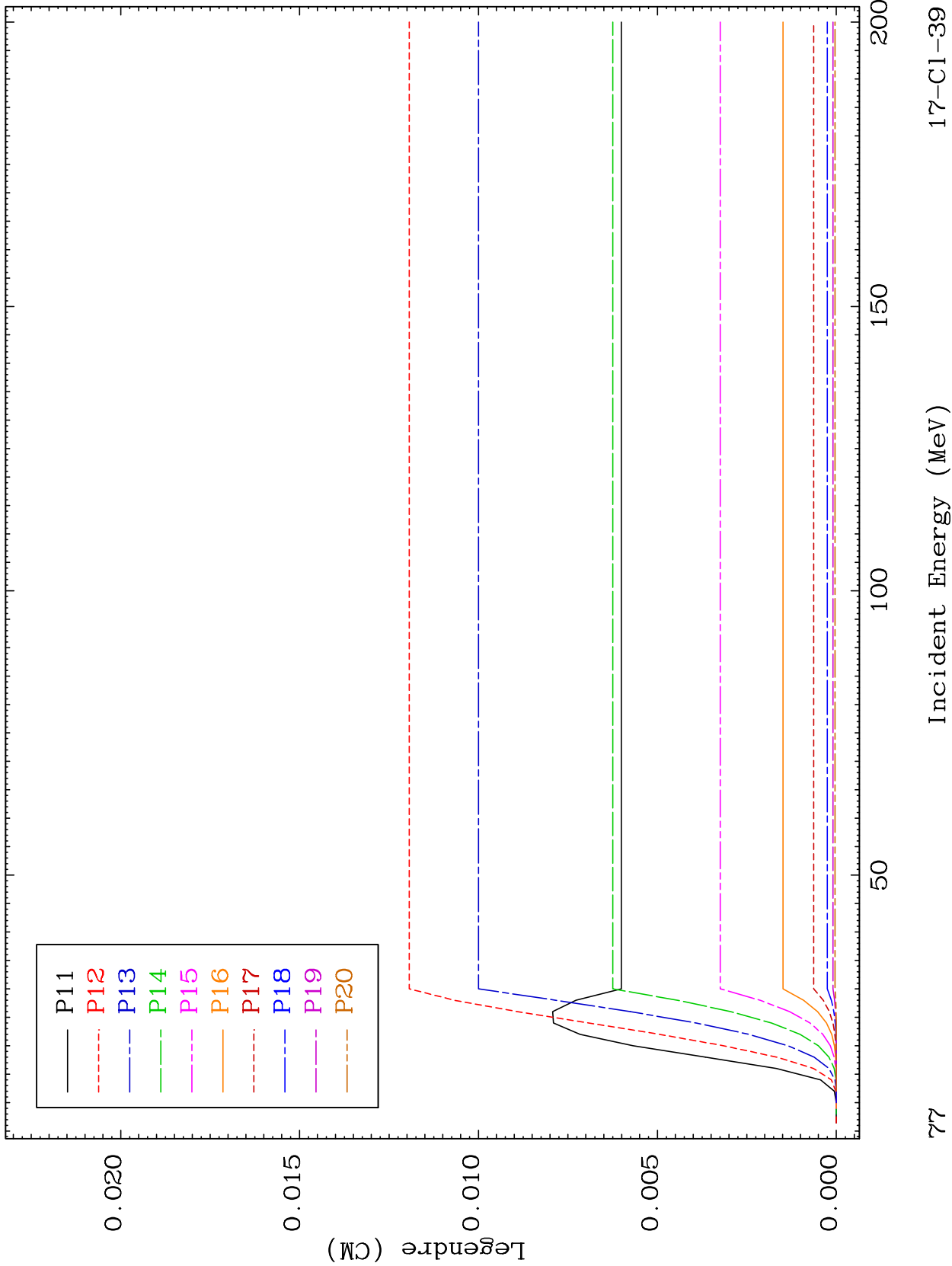
17-Cl-39



76

Incident Energy (MeV)

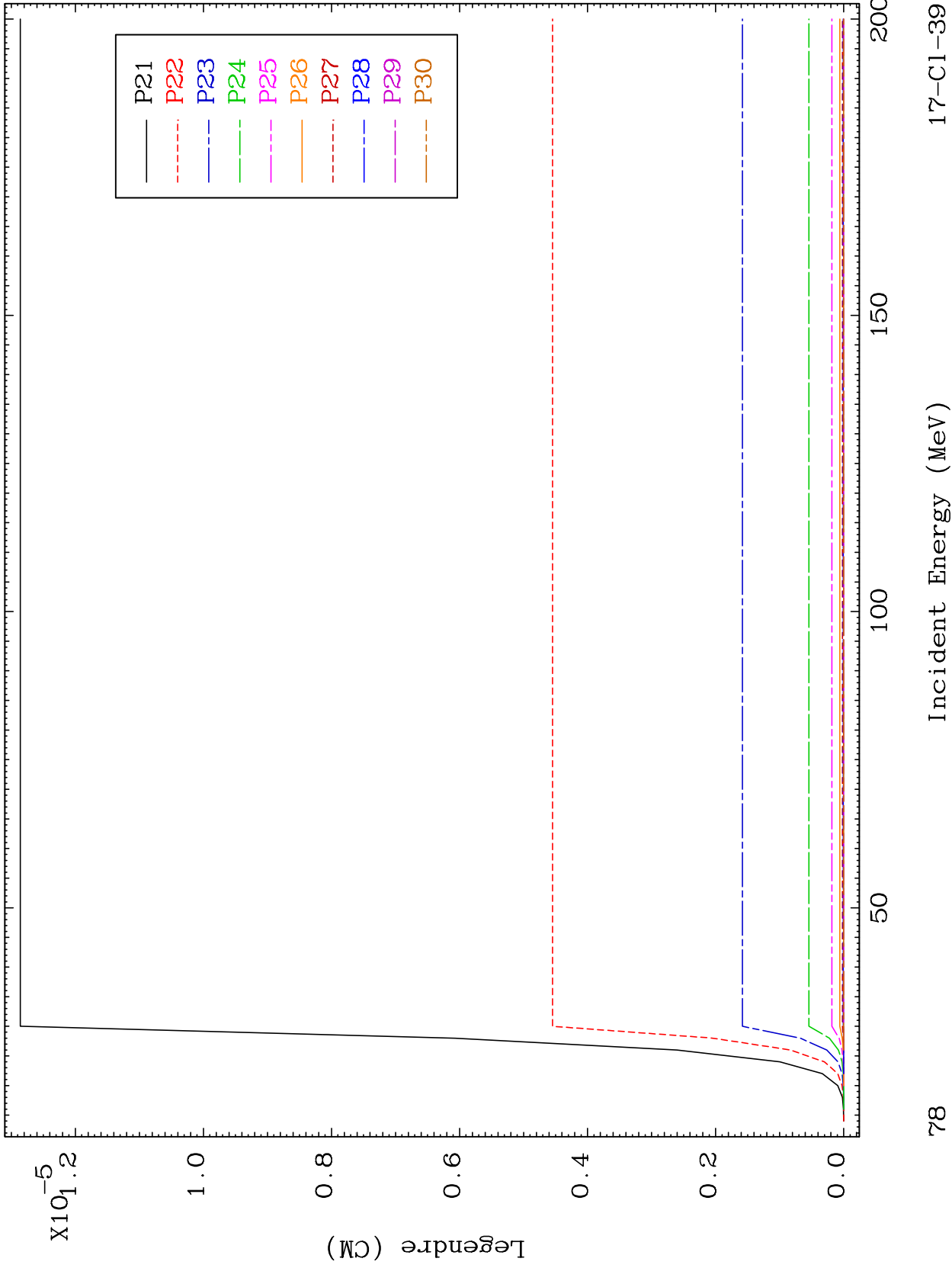
17-Cl-39



MAT 1737

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

17-Cl-39



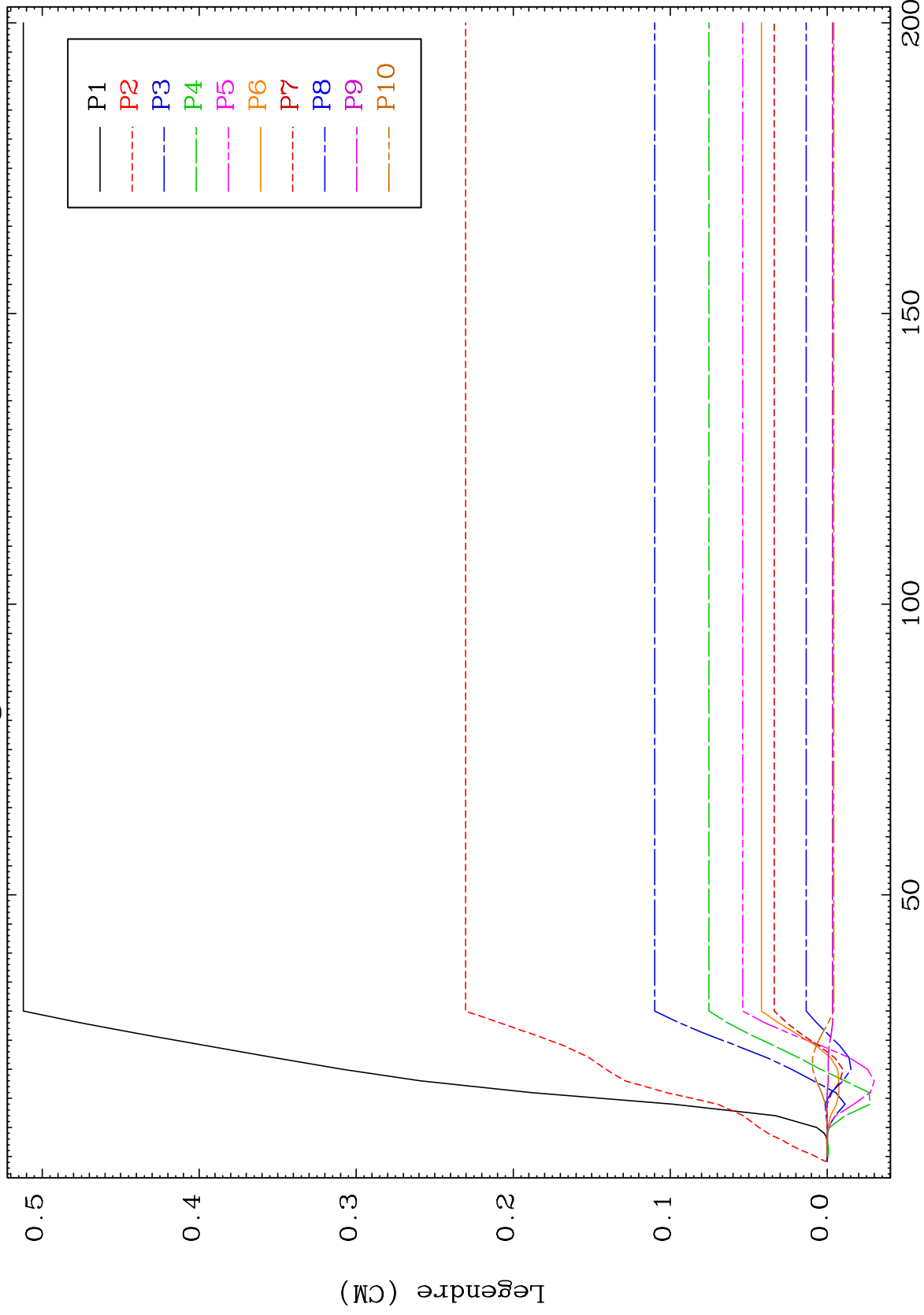
78

17-Cl-39

MAT 1737

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

17-Cl-39



79

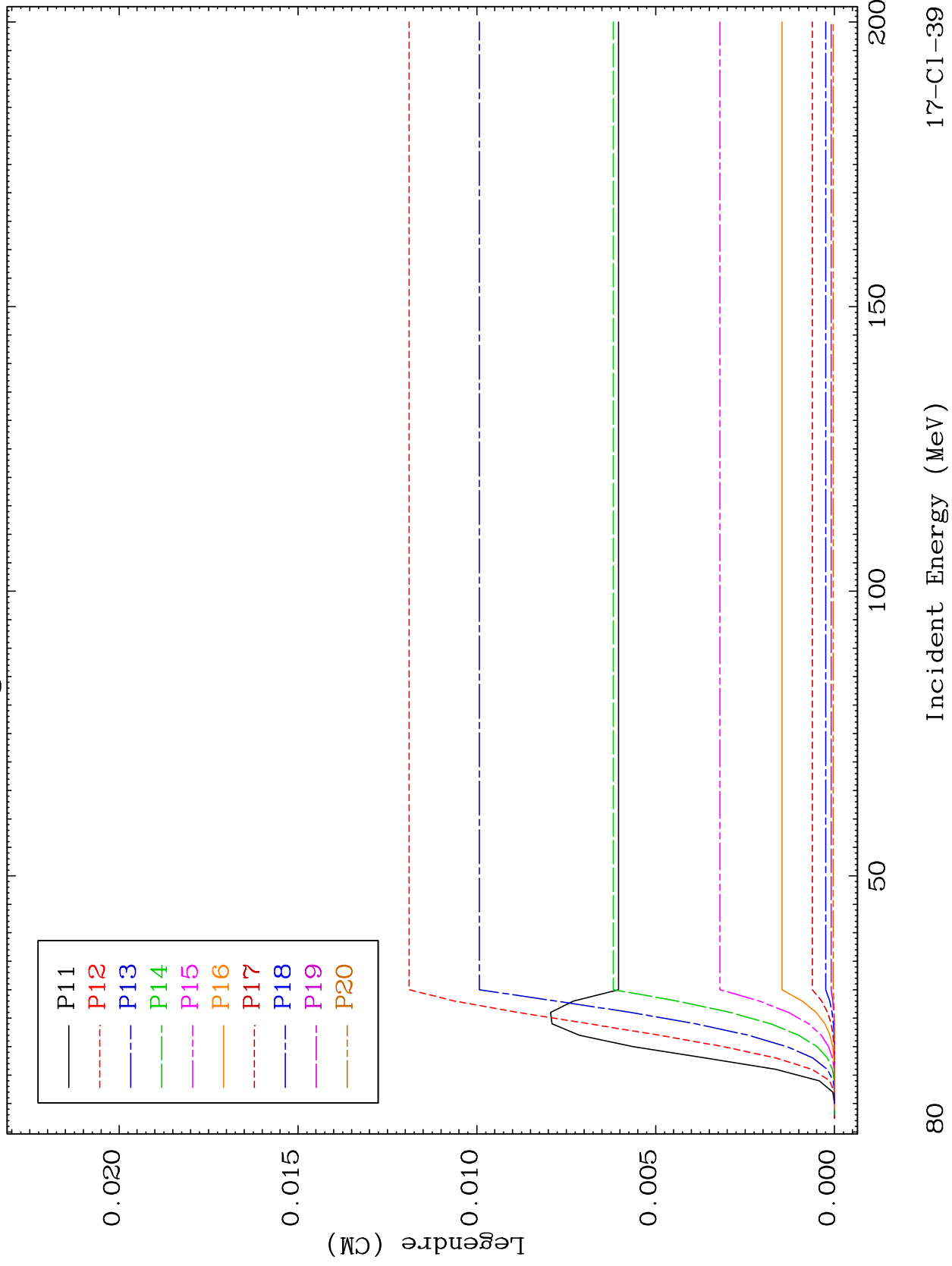
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



80

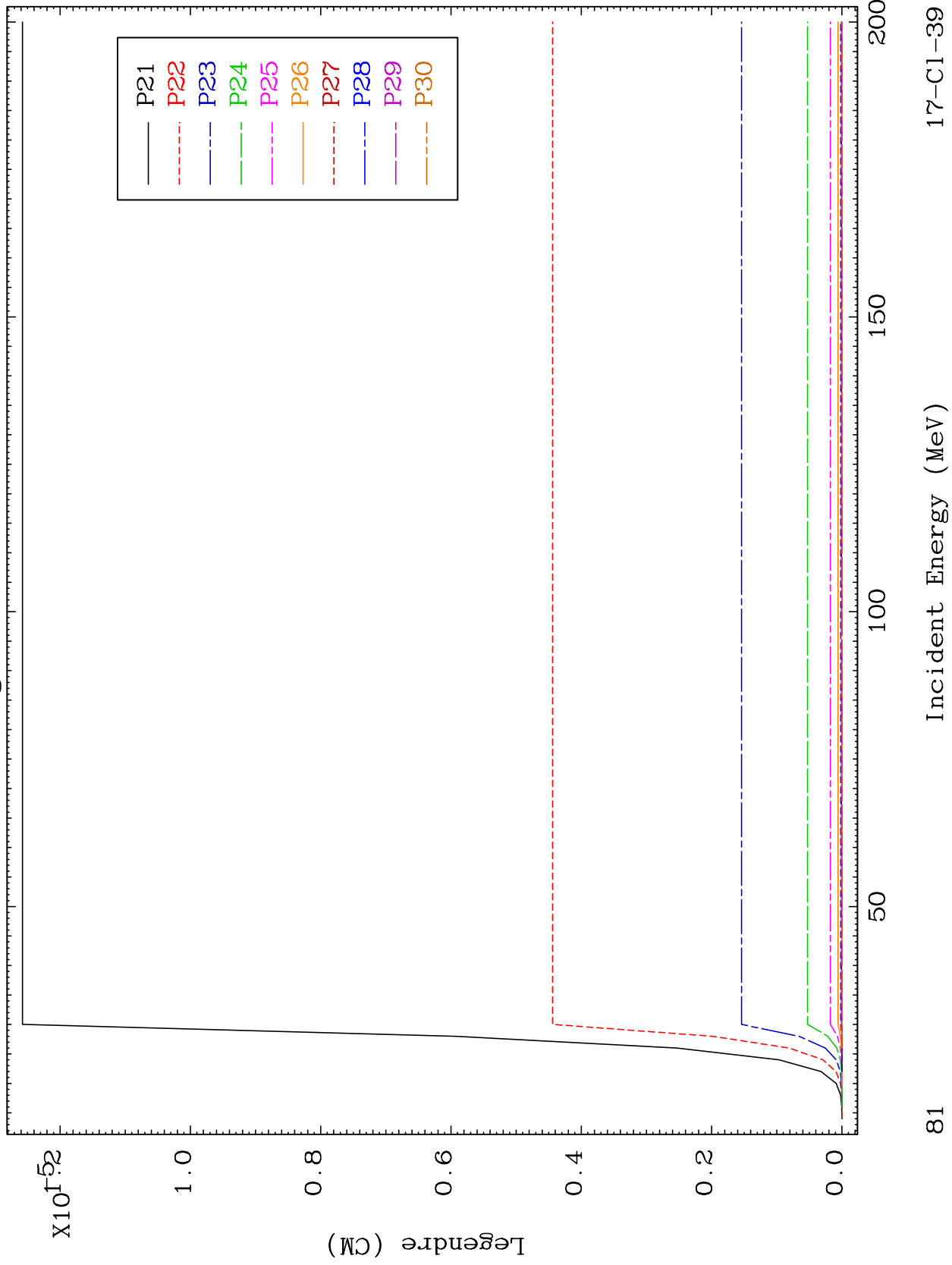
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



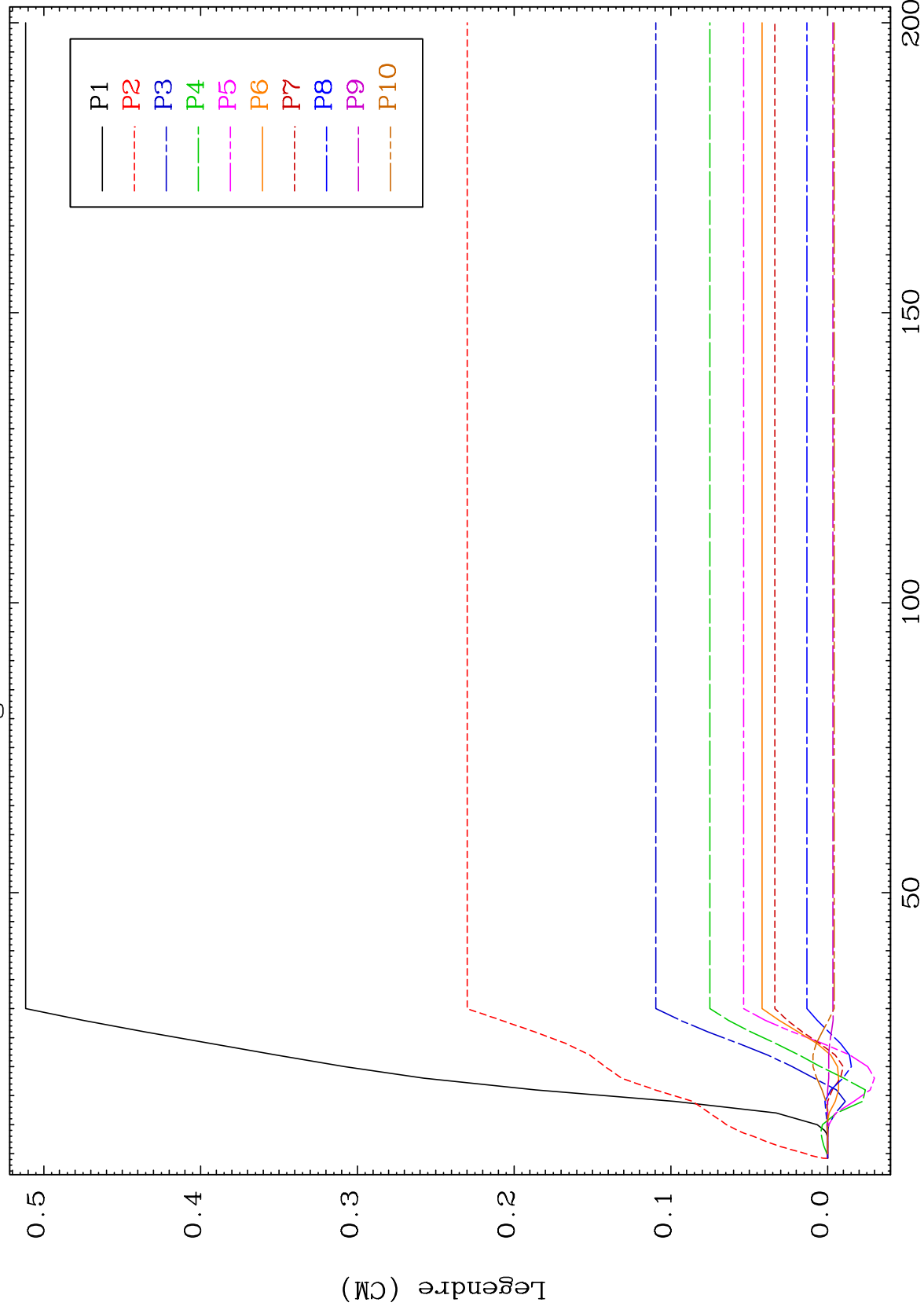
81

17-Cl-39

MAT 1737

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

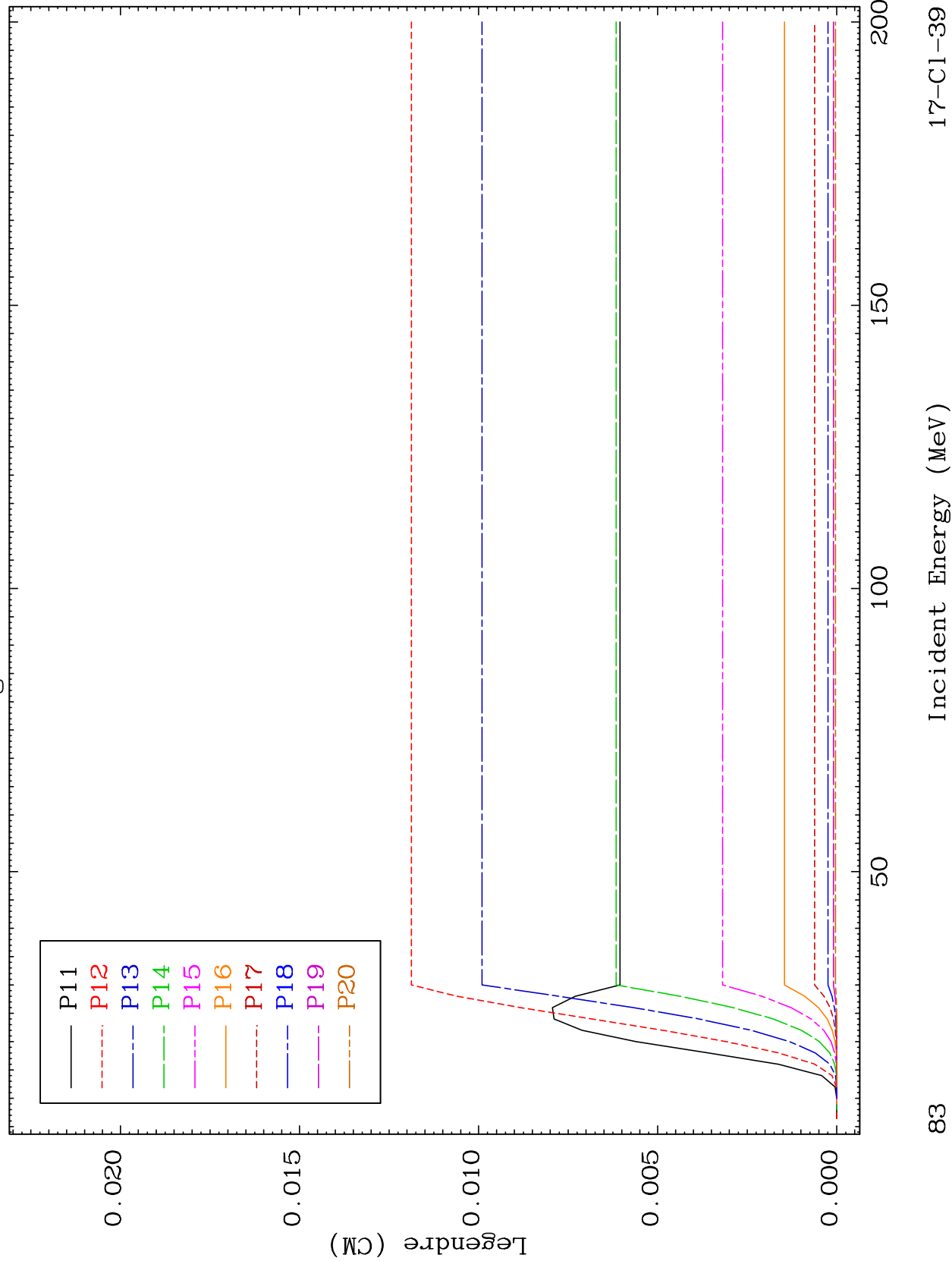
17-Cl-39



82

Incident Energy (MeV)

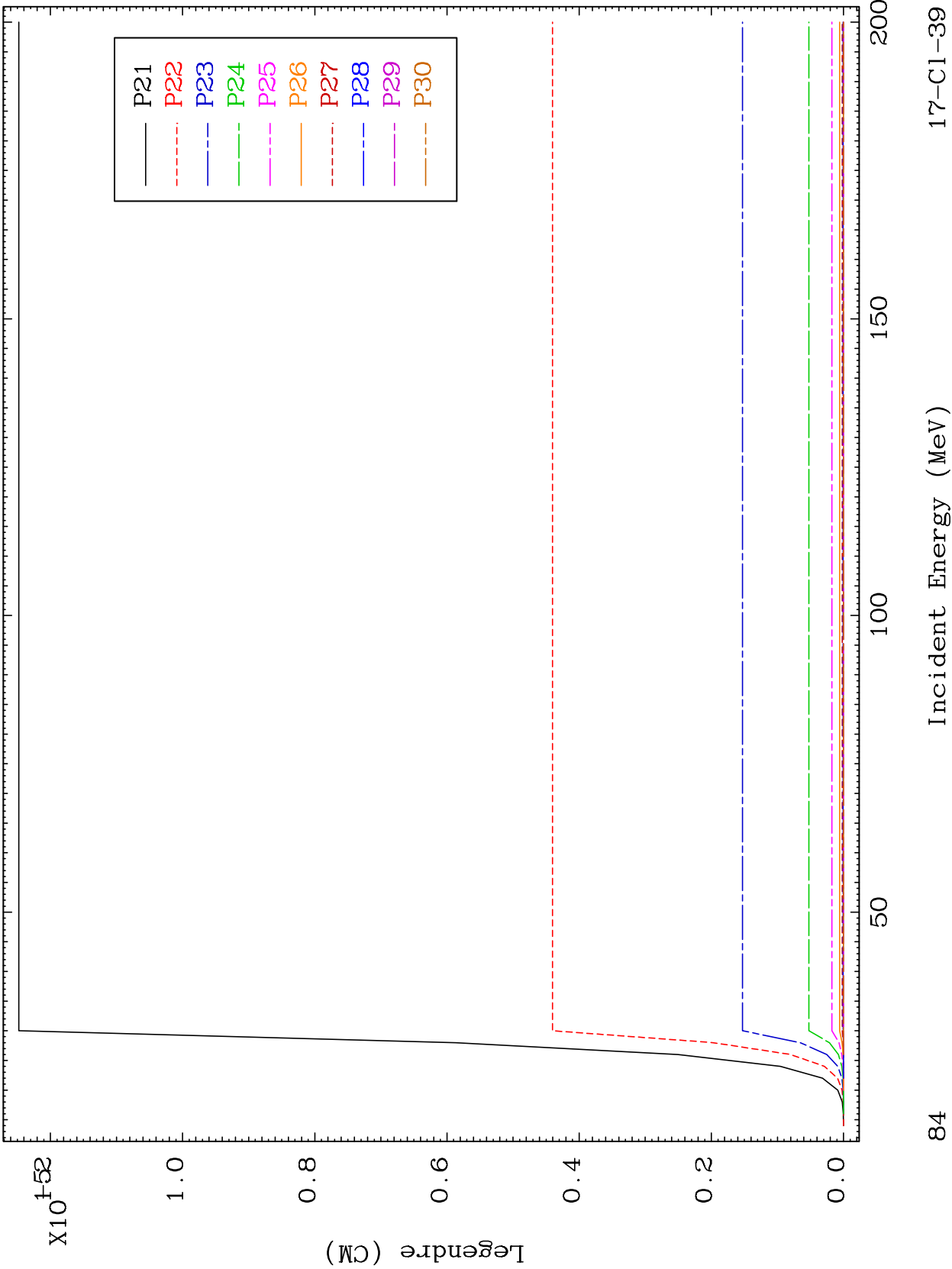
17-Cl-39



MAT 1737

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

17-Cl-39



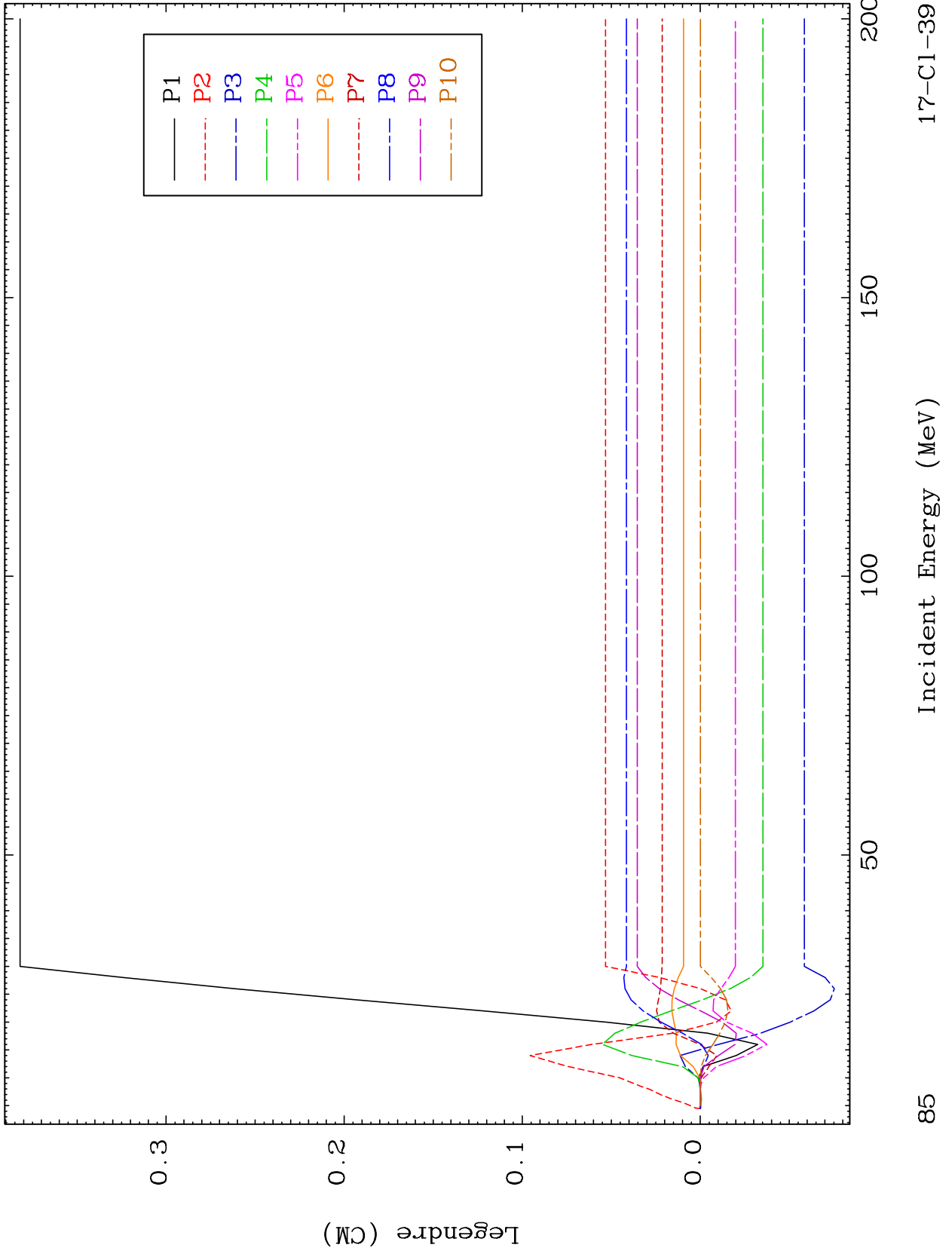
84

17-Cl-39

MAT 1737

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

17-Cl-39



85

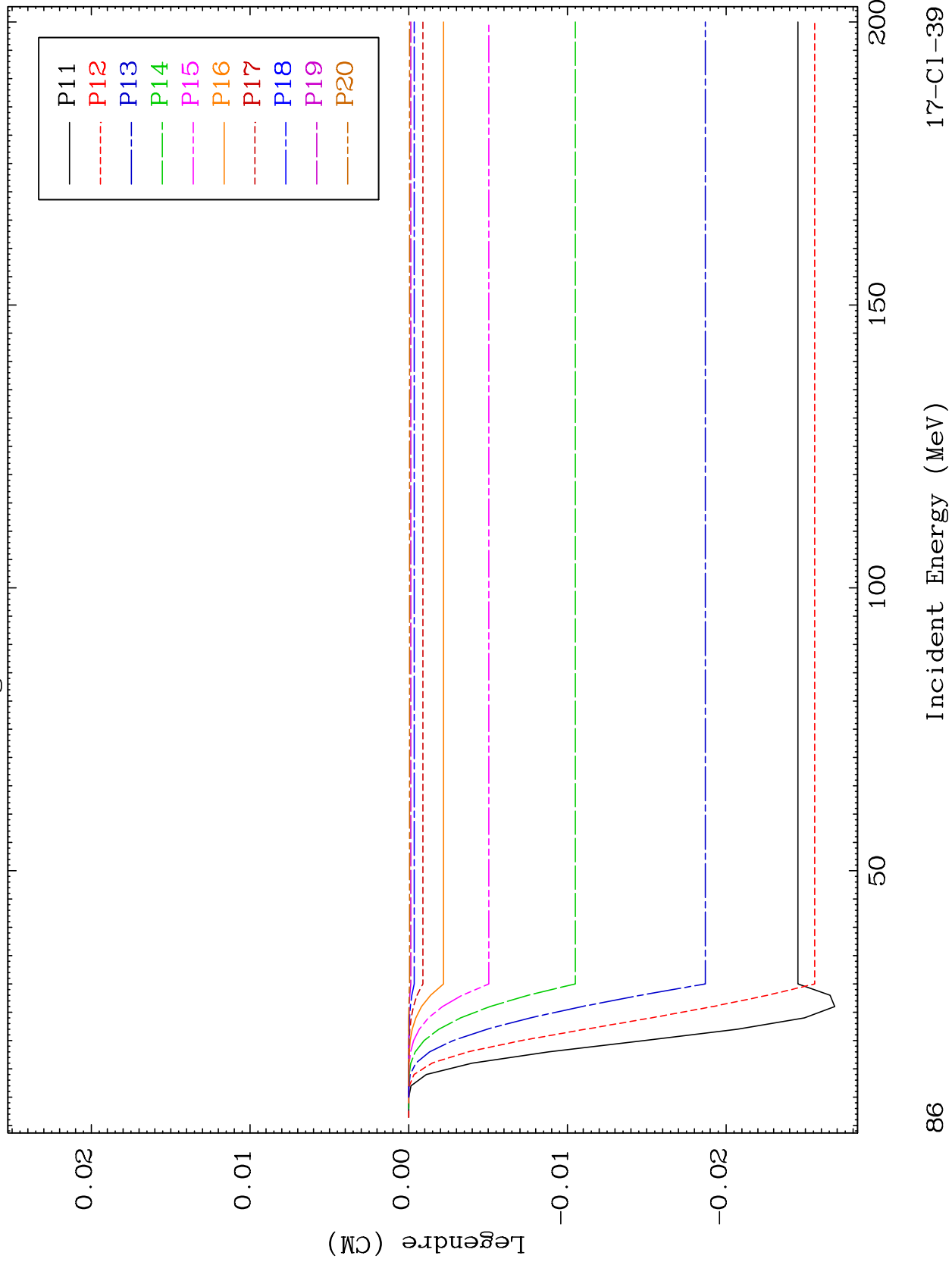
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



86

Incident Energy (MeV)

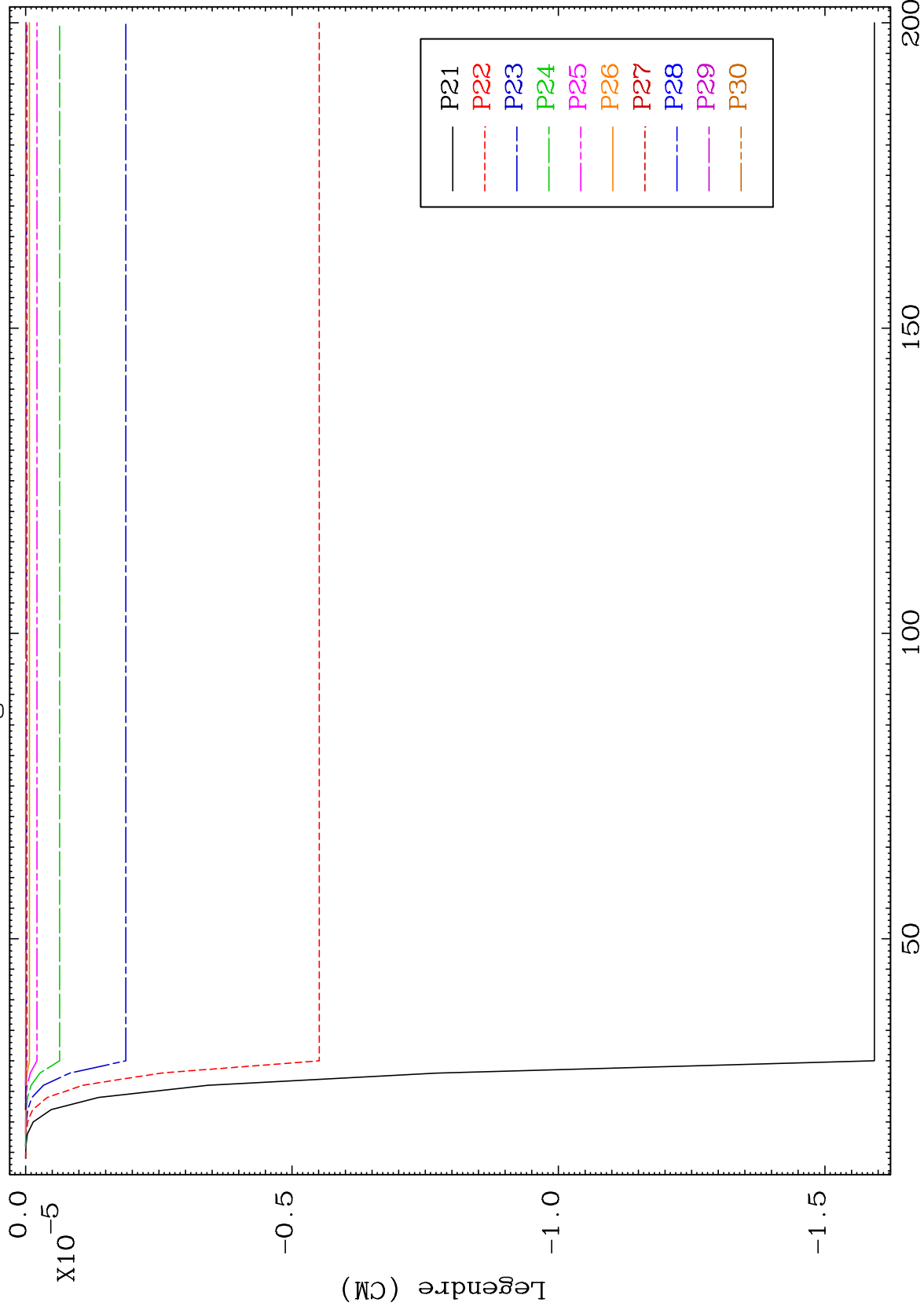
17-Cl-39

MAT 1737

MT= 73 (n,n') Level

17-Cl-39

Legendre Coefficients



87

Incident Energy (MeV)

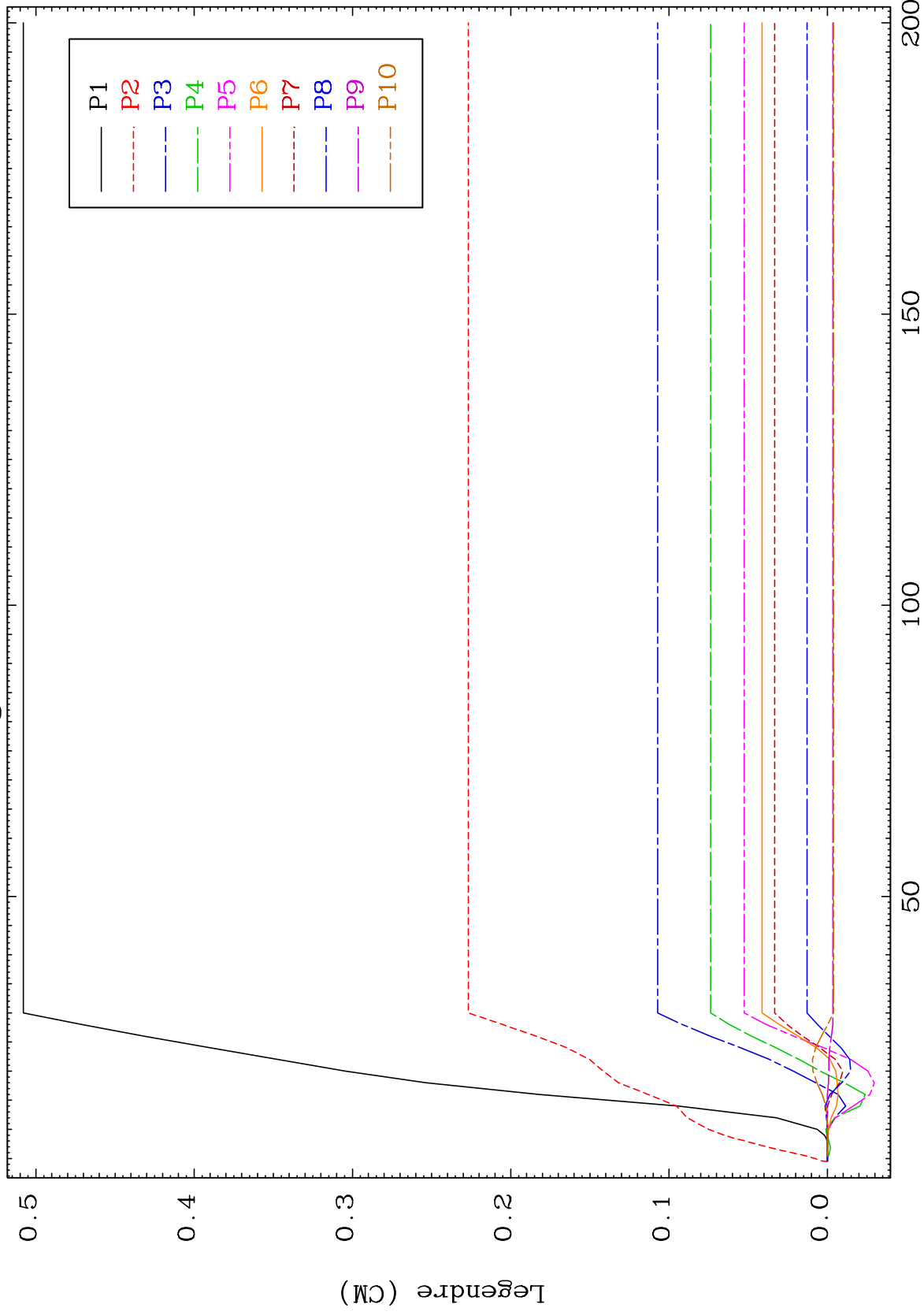
17-Cl-39

MAT 1737

MT= 74 (n,n') Level

17-Cl-39

Legendre Coefficients



88

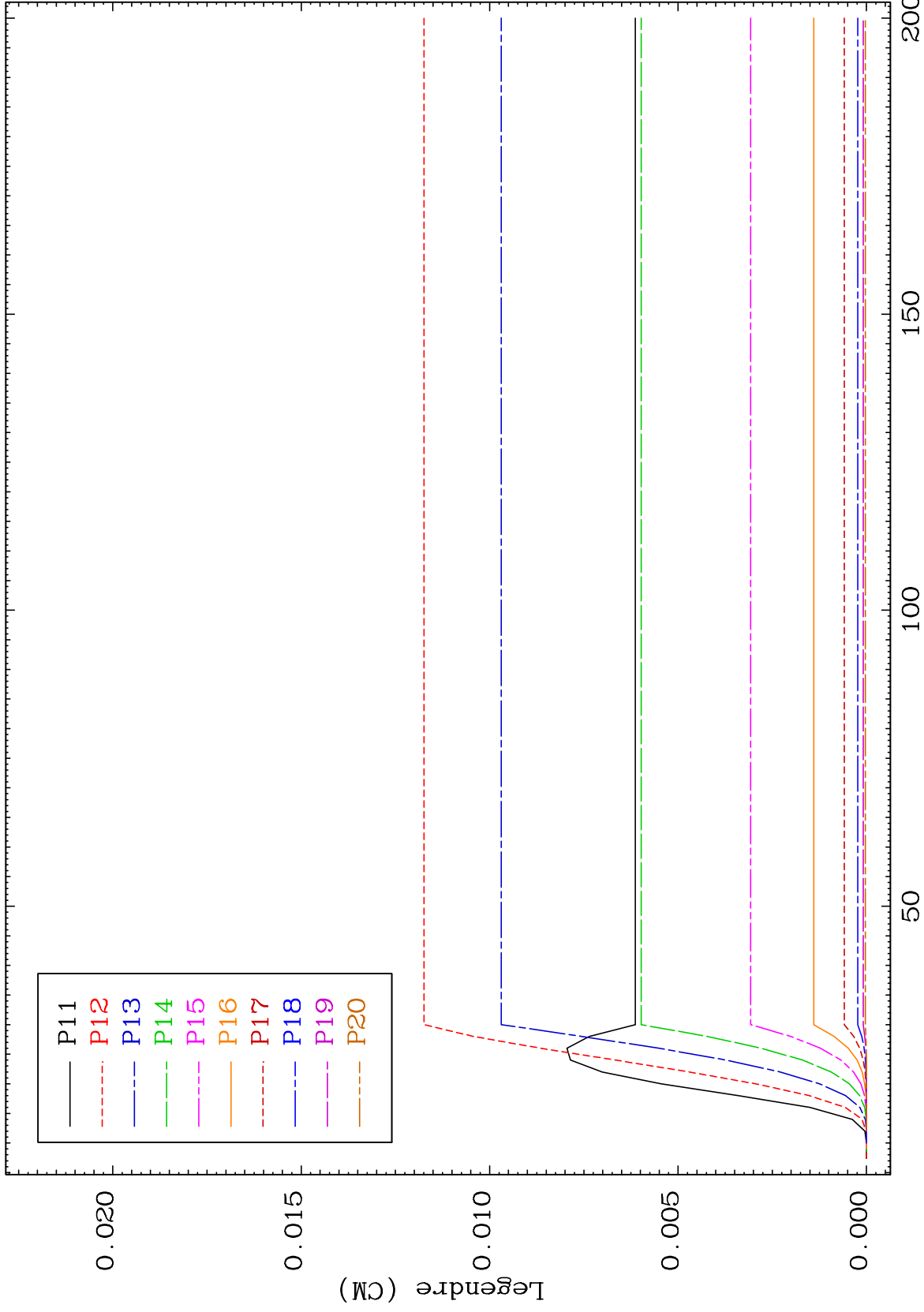
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



89

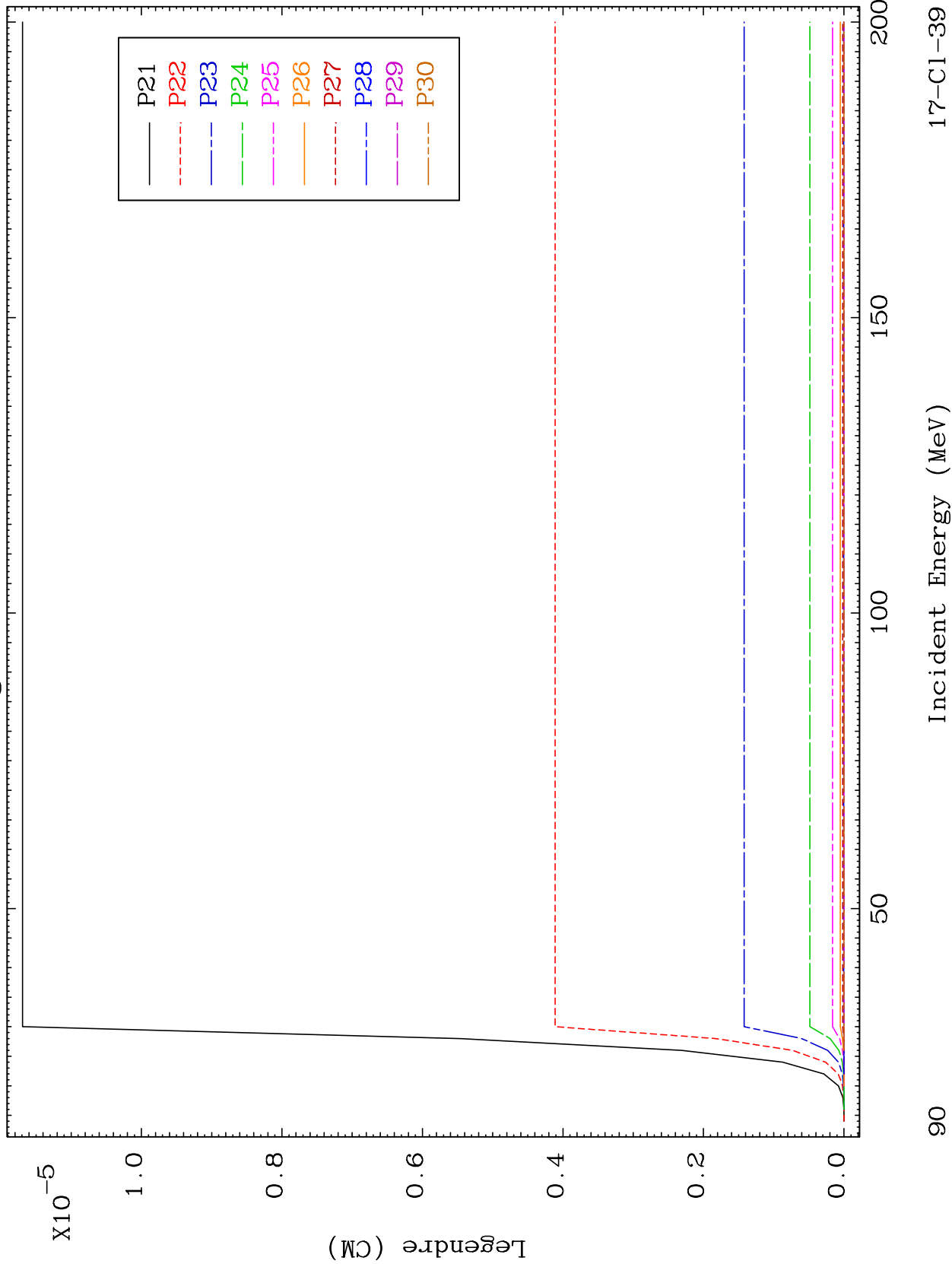
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



90

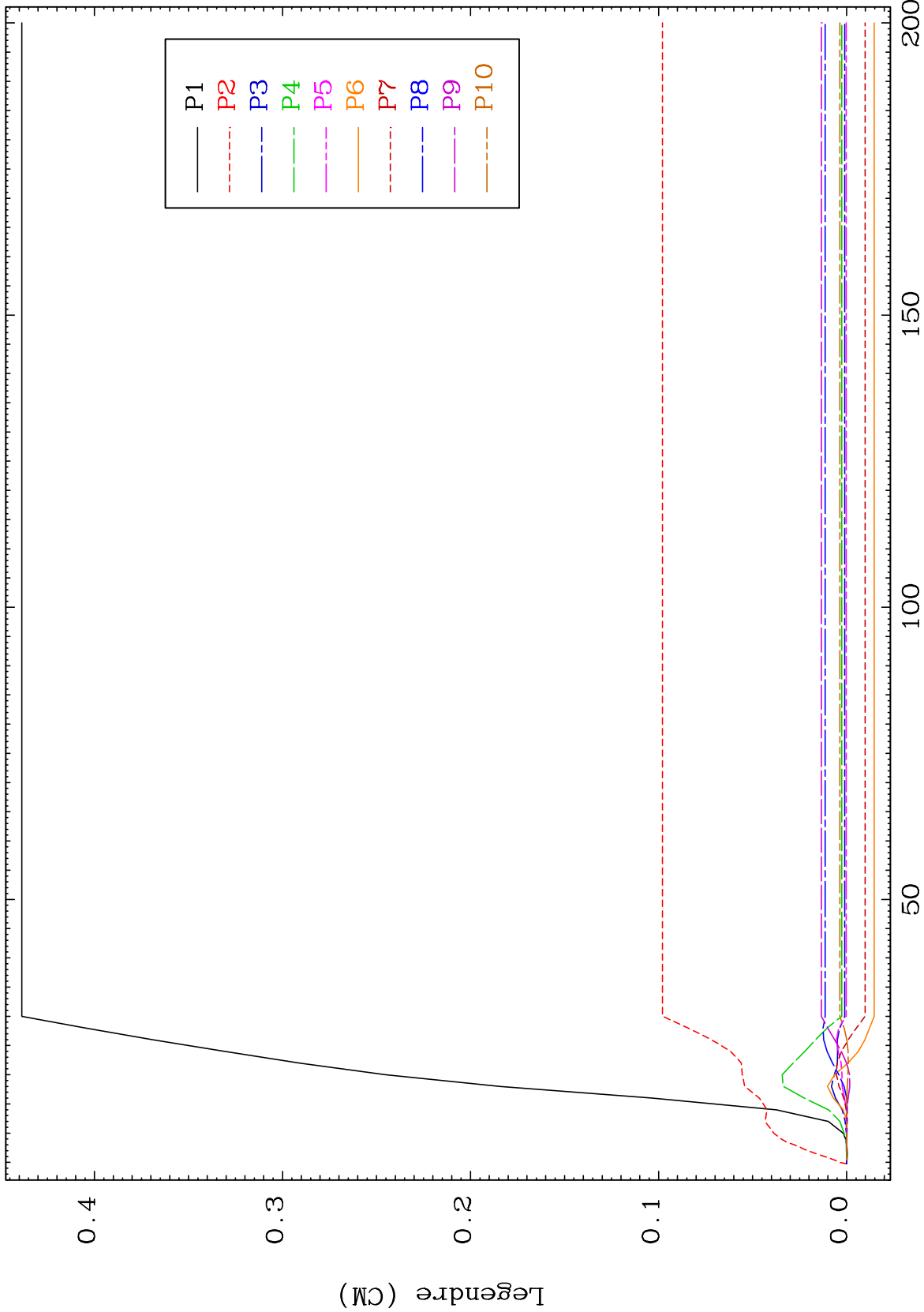
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



91

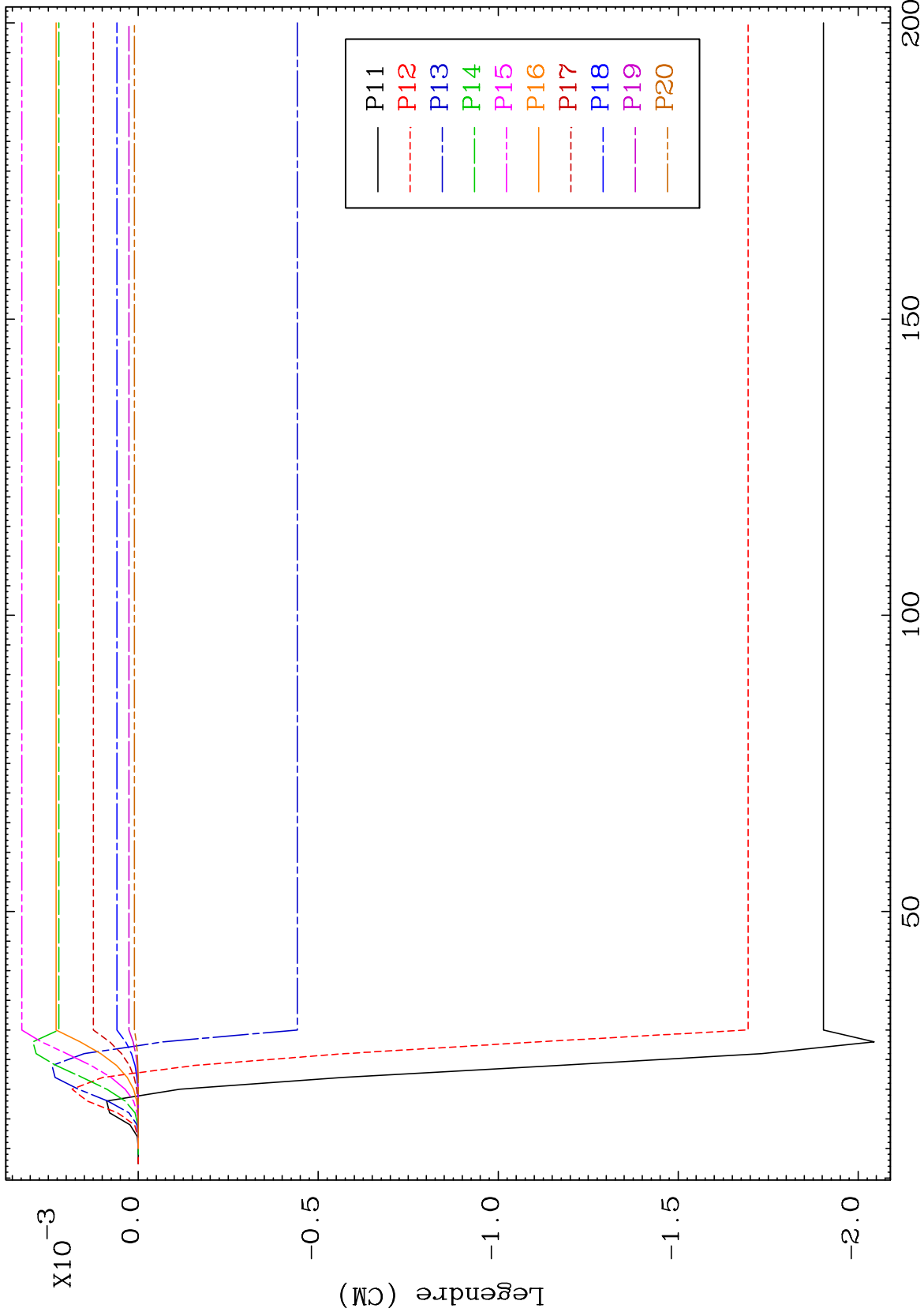
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



92

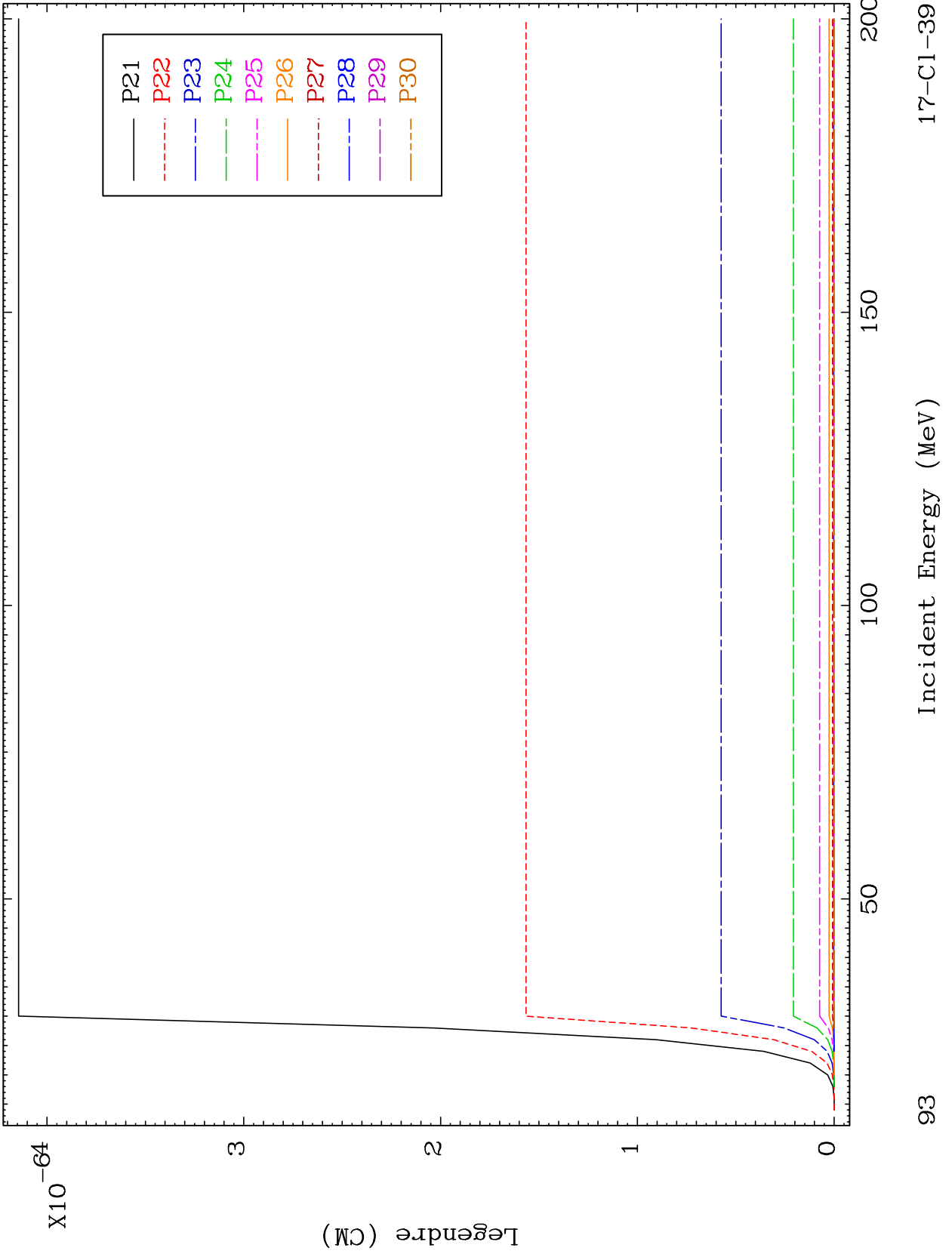
Incident Energy (MeV)

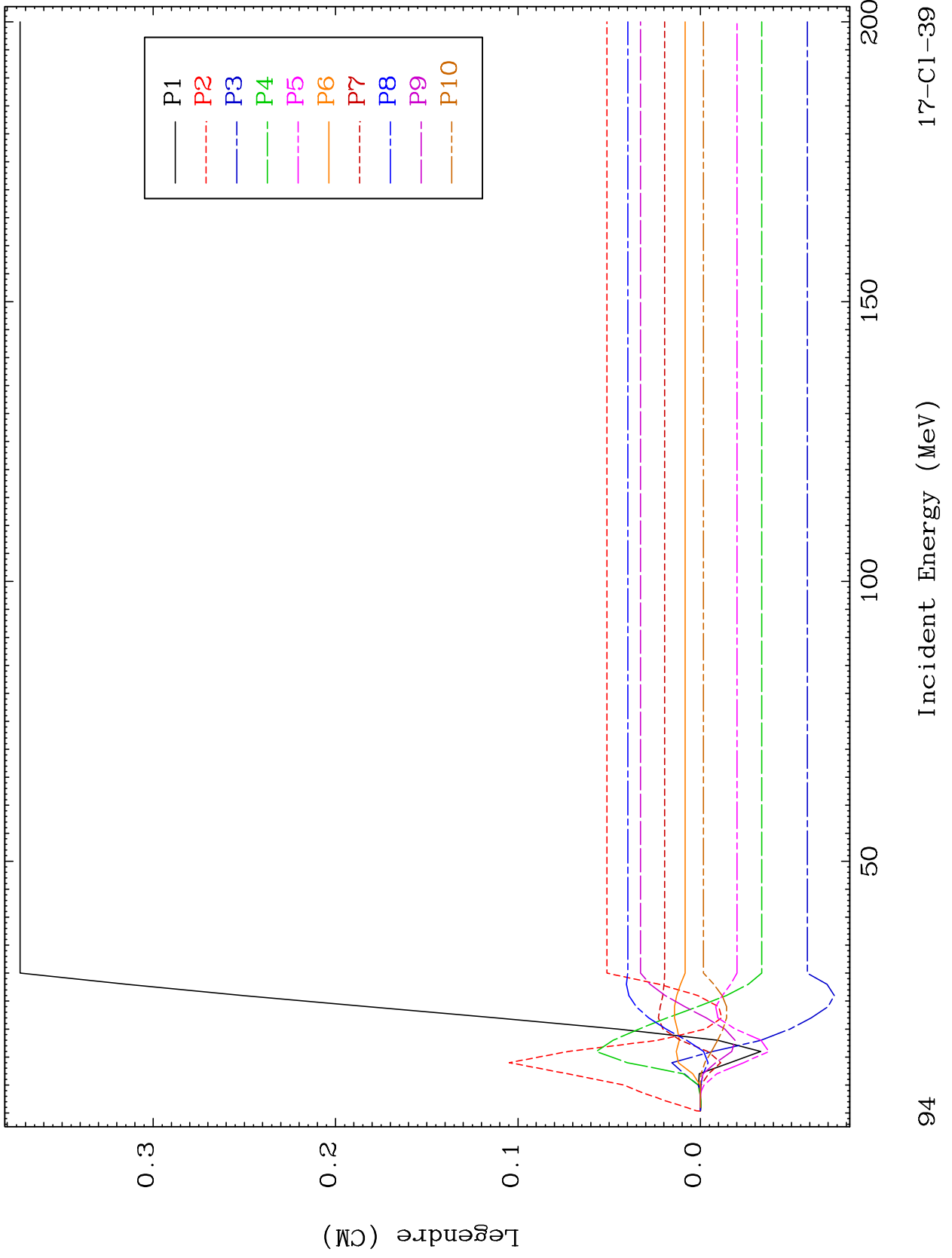
17-Cl-39

MAT 1737

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

17-Cl-39

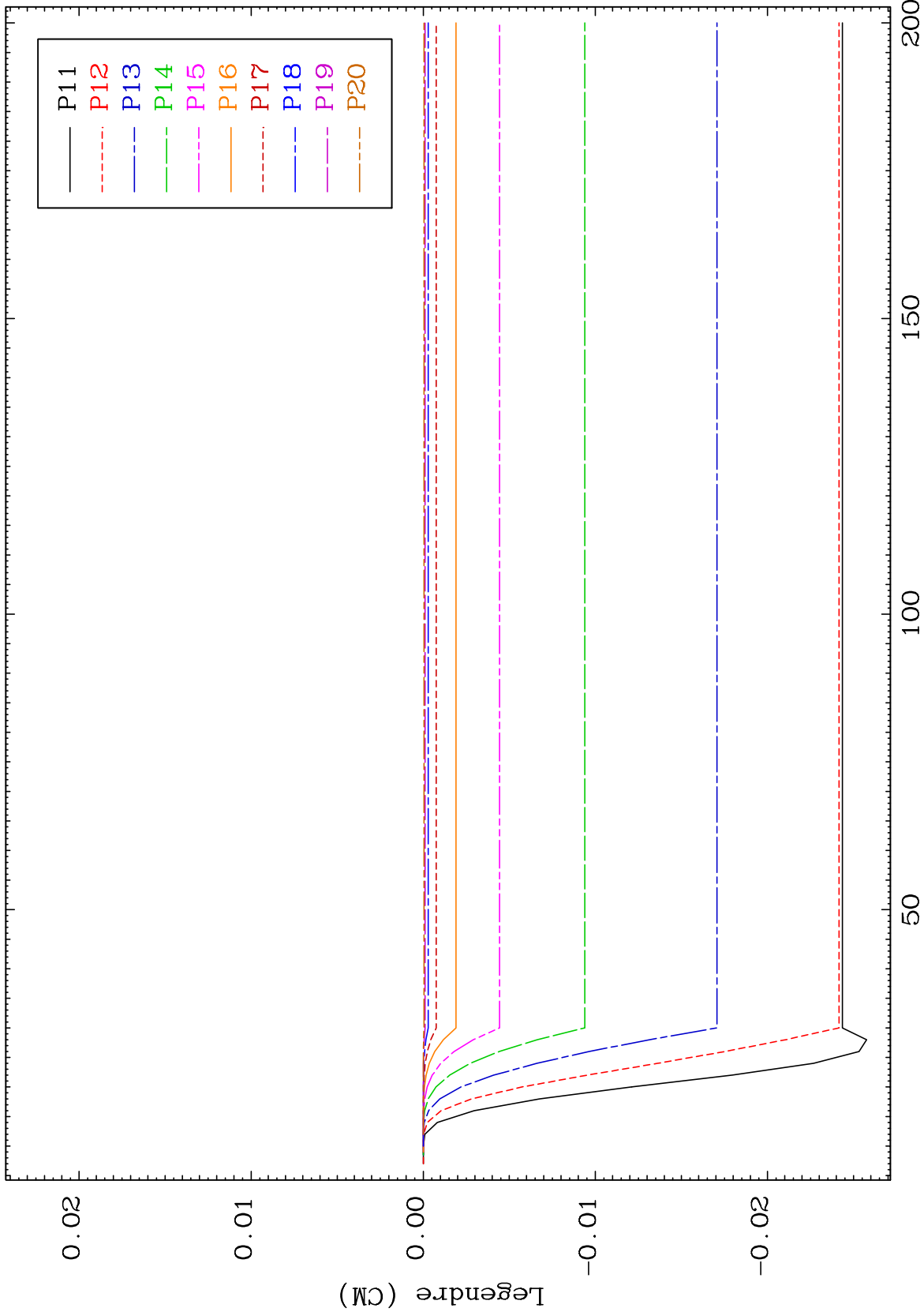




MAT 1737

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

17-Cl-39



95

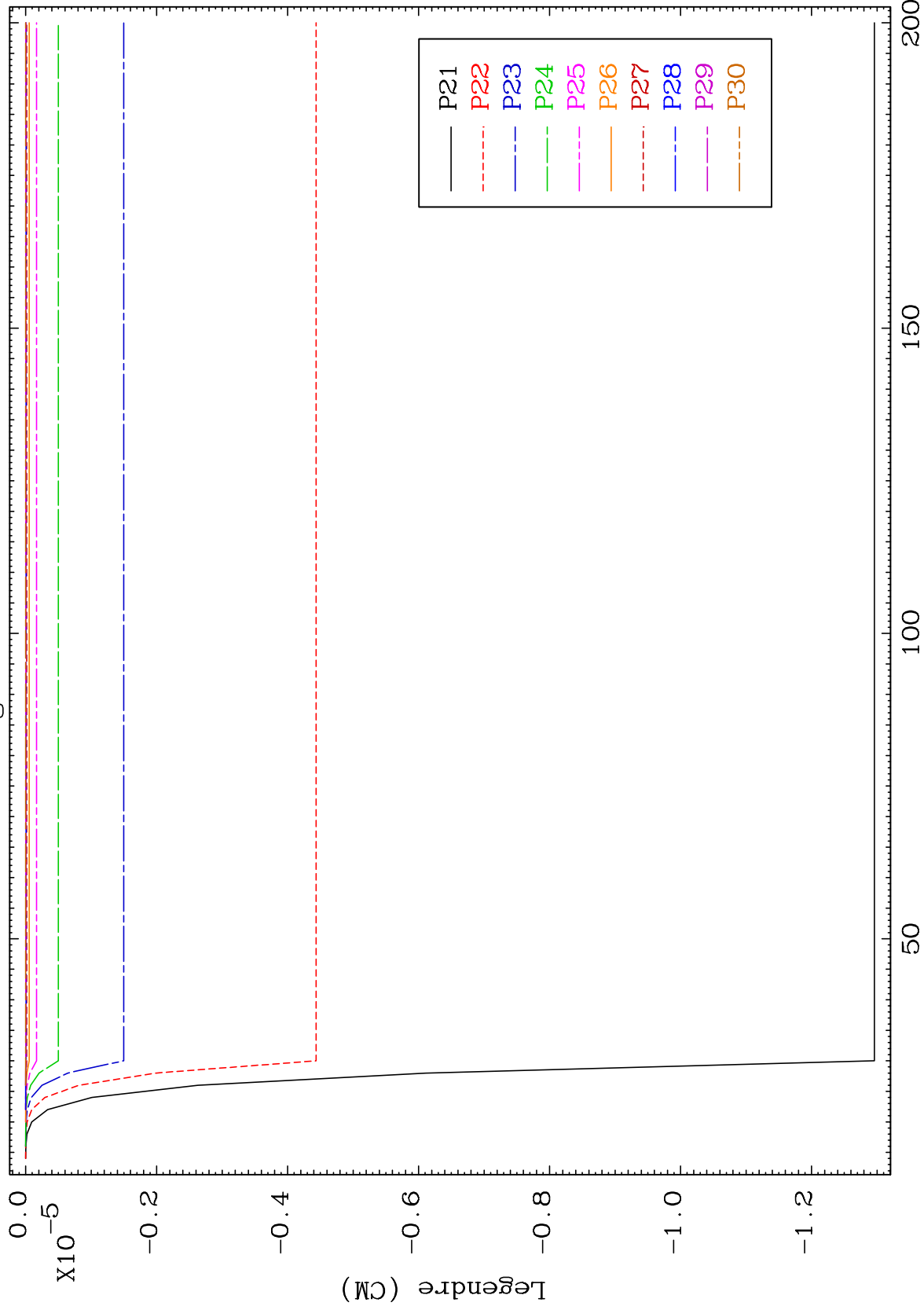
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

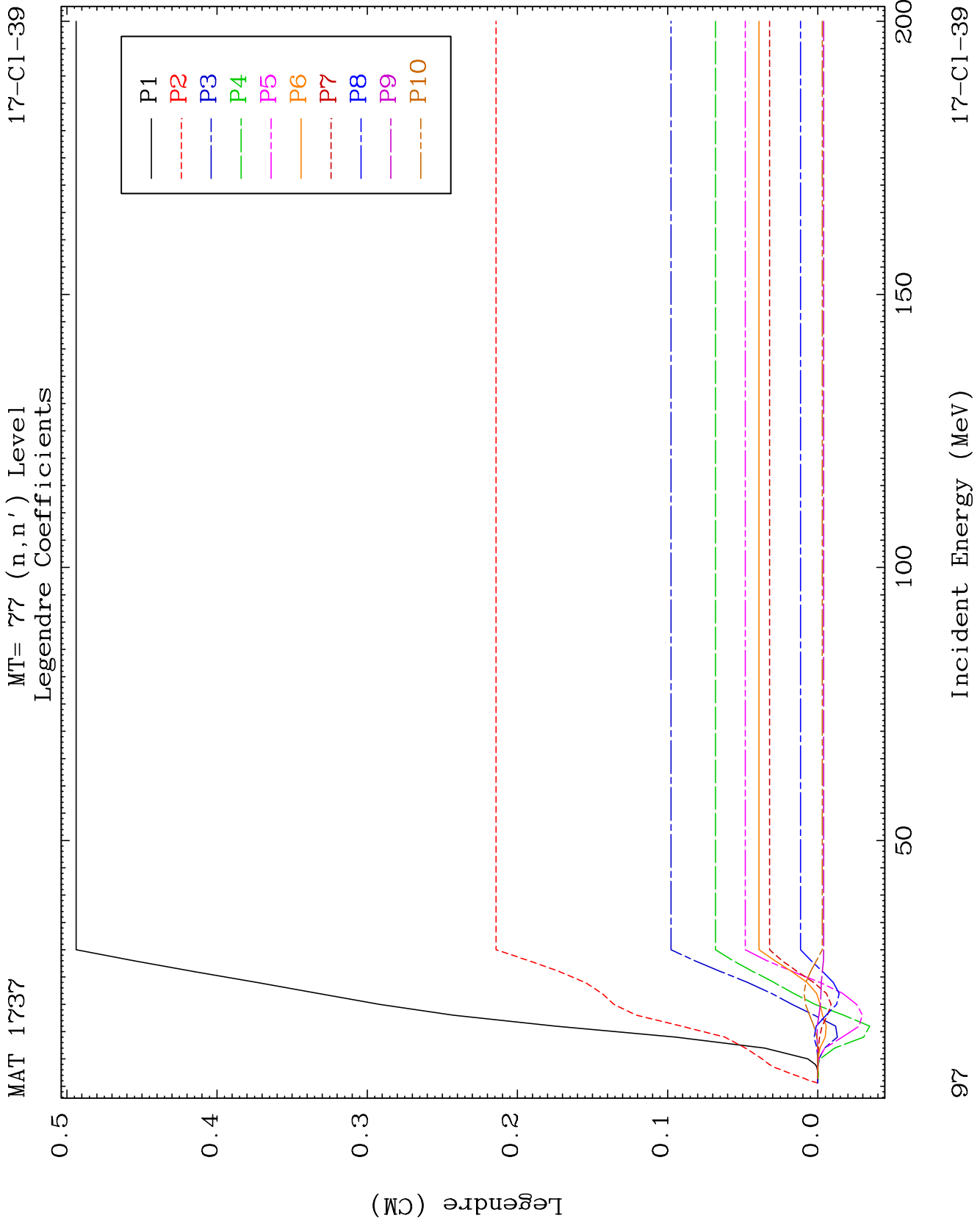
17-Cl-39

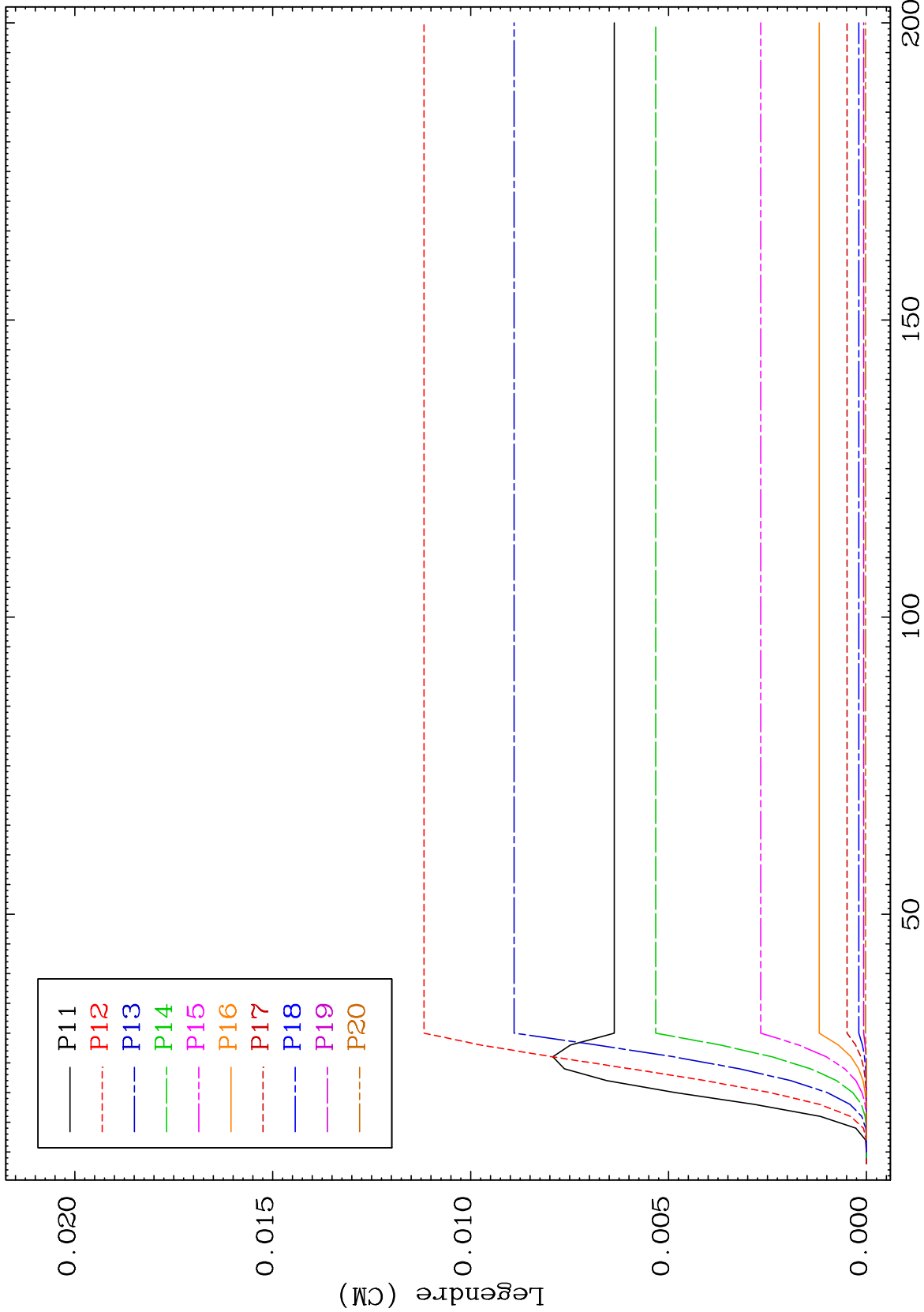


96

Incident Energy (MeV)

17-Cl-39

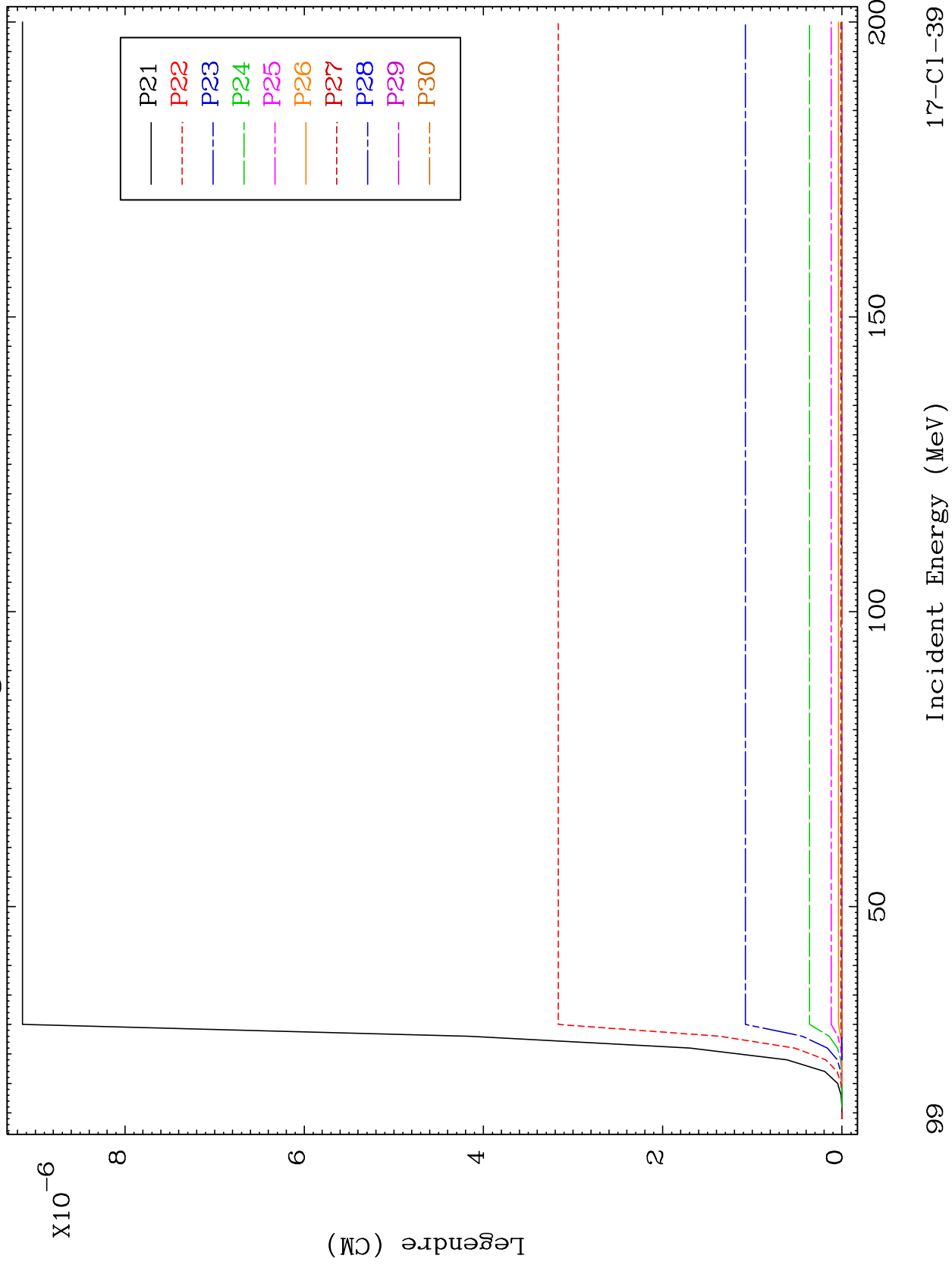




MAT 1737

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

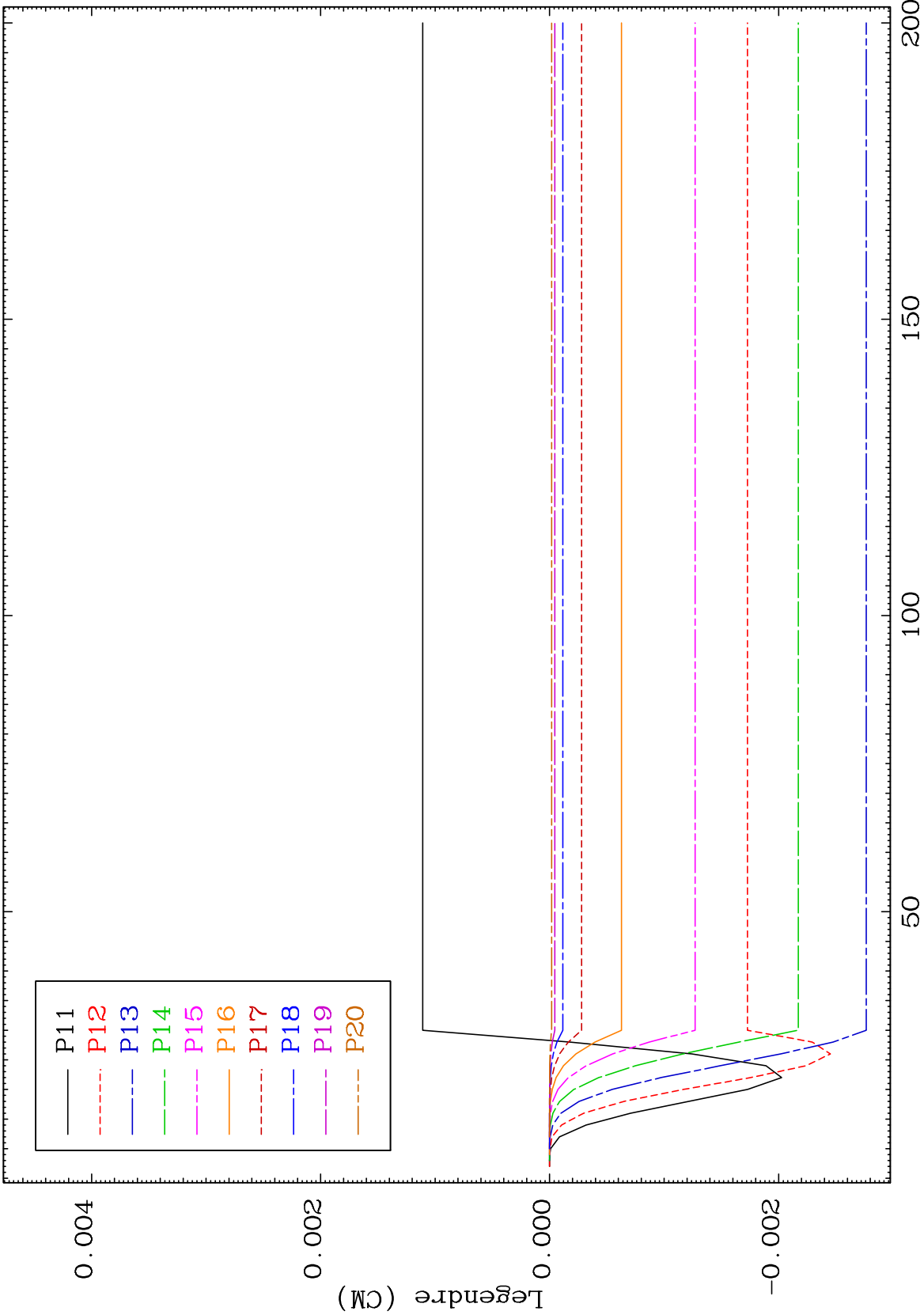
17-Cl-39



MAT 1737

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

17-Cl-39



101

Incident Energy (MeV)

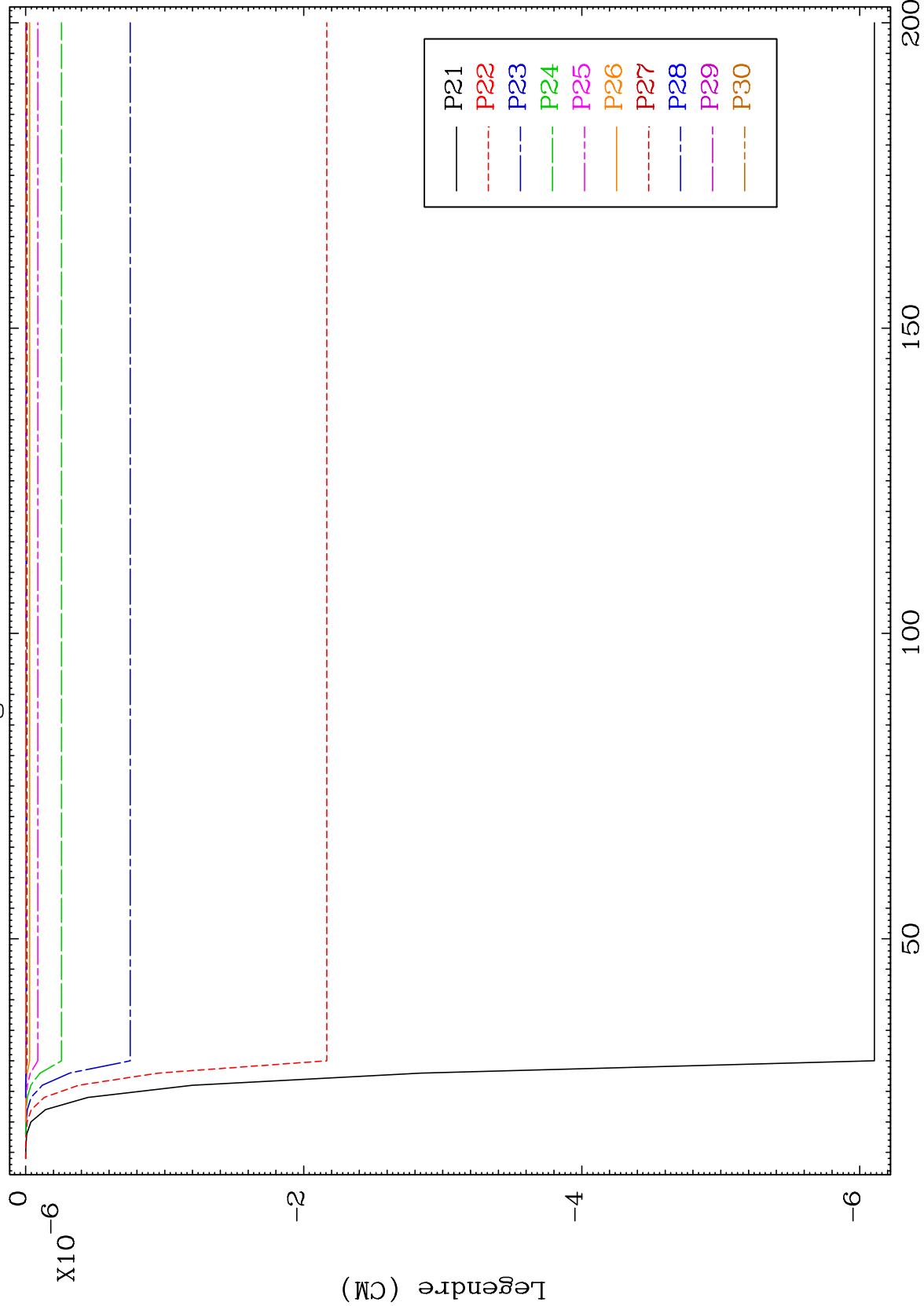
17-Cl-39

MAT 1737

MT= 78 (n,n') Level

17-Cl-39

Legendre Coefficients



17-Cl-39

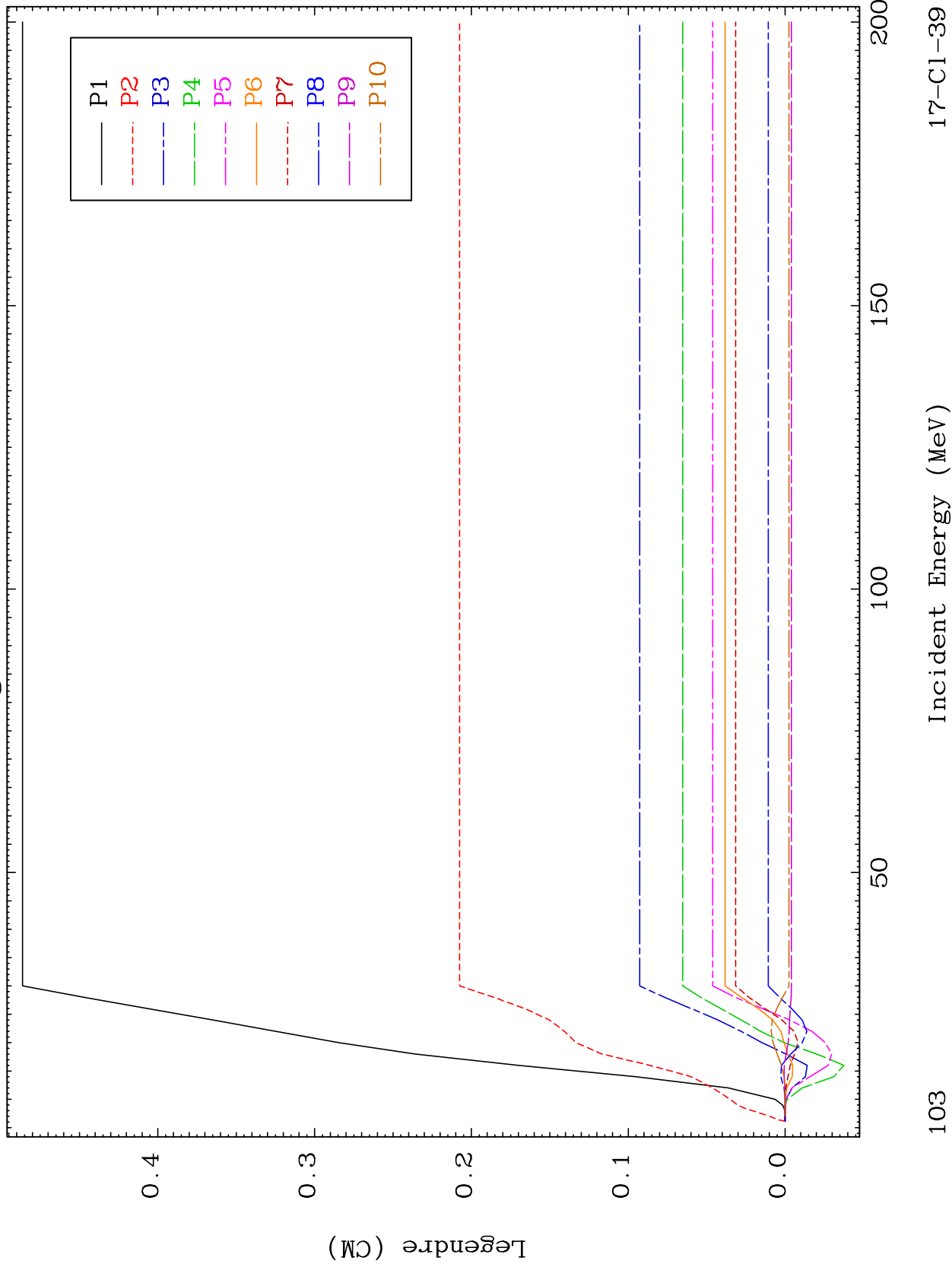
Incident Energy (MeV)

102

MAT 1737

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

17-Cl-39



17-Cl-39

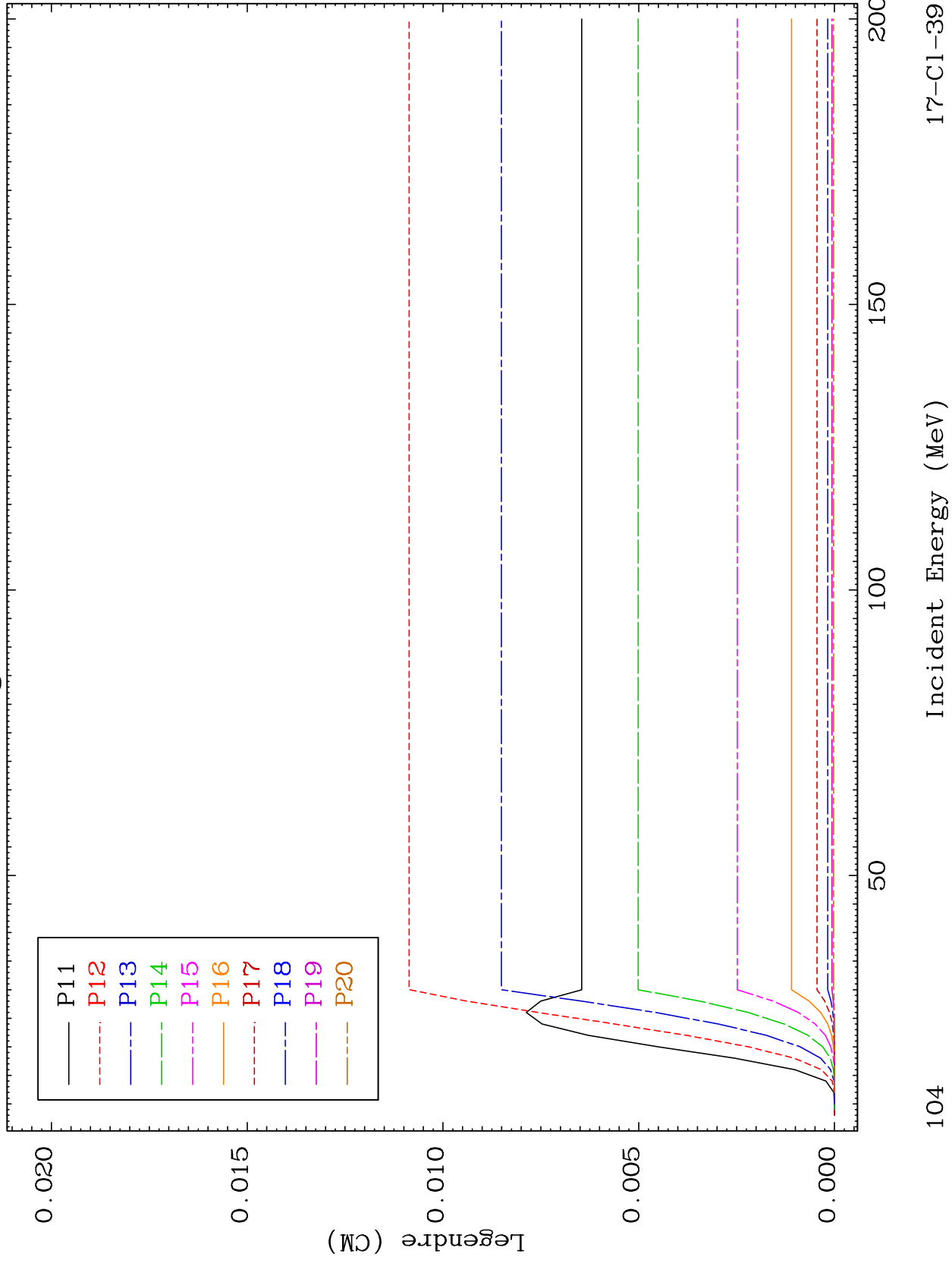
Incident Energy (MeV)

103

MAT 1737

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

17-Cl-39



104

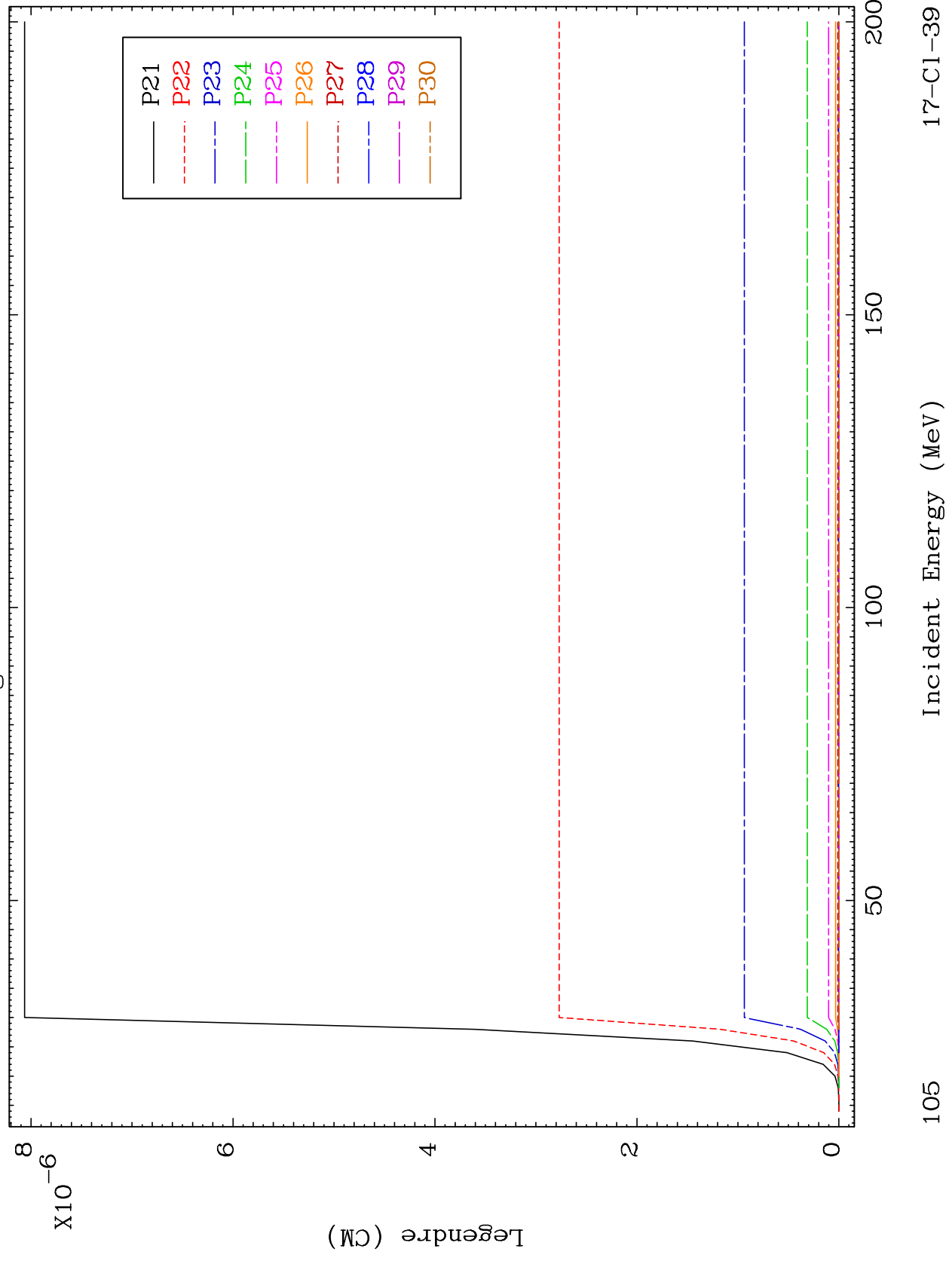
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



105

Incident Energy (MeV)

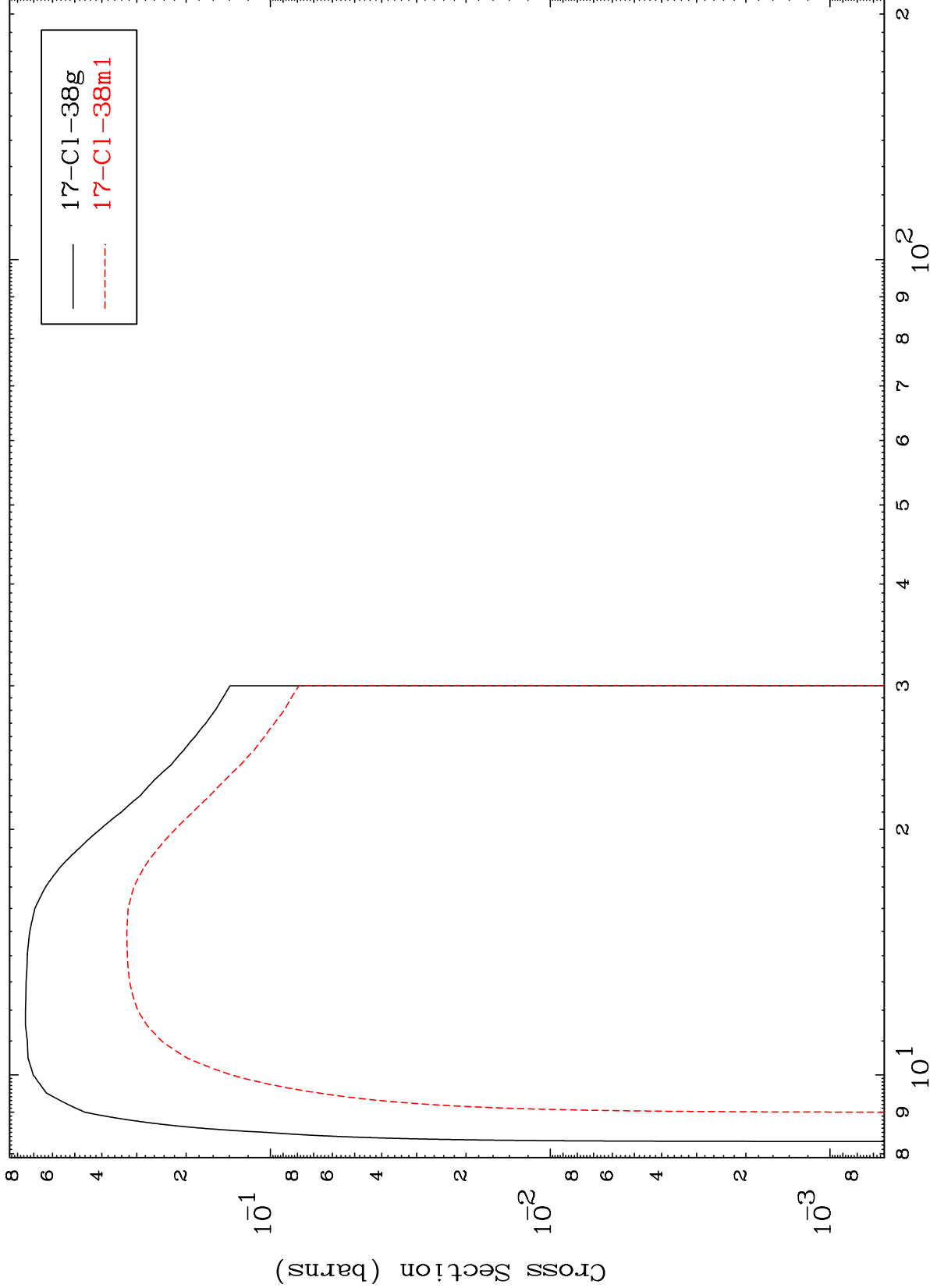
17-Cl-39

MAT 1737

(n,2n)

17-Cl-39

Radionuclide Production Cross Section



106

Incident Energy (MeV)

17-Cl-39