

Program EVALPLOT
(Version 2018-1)

by

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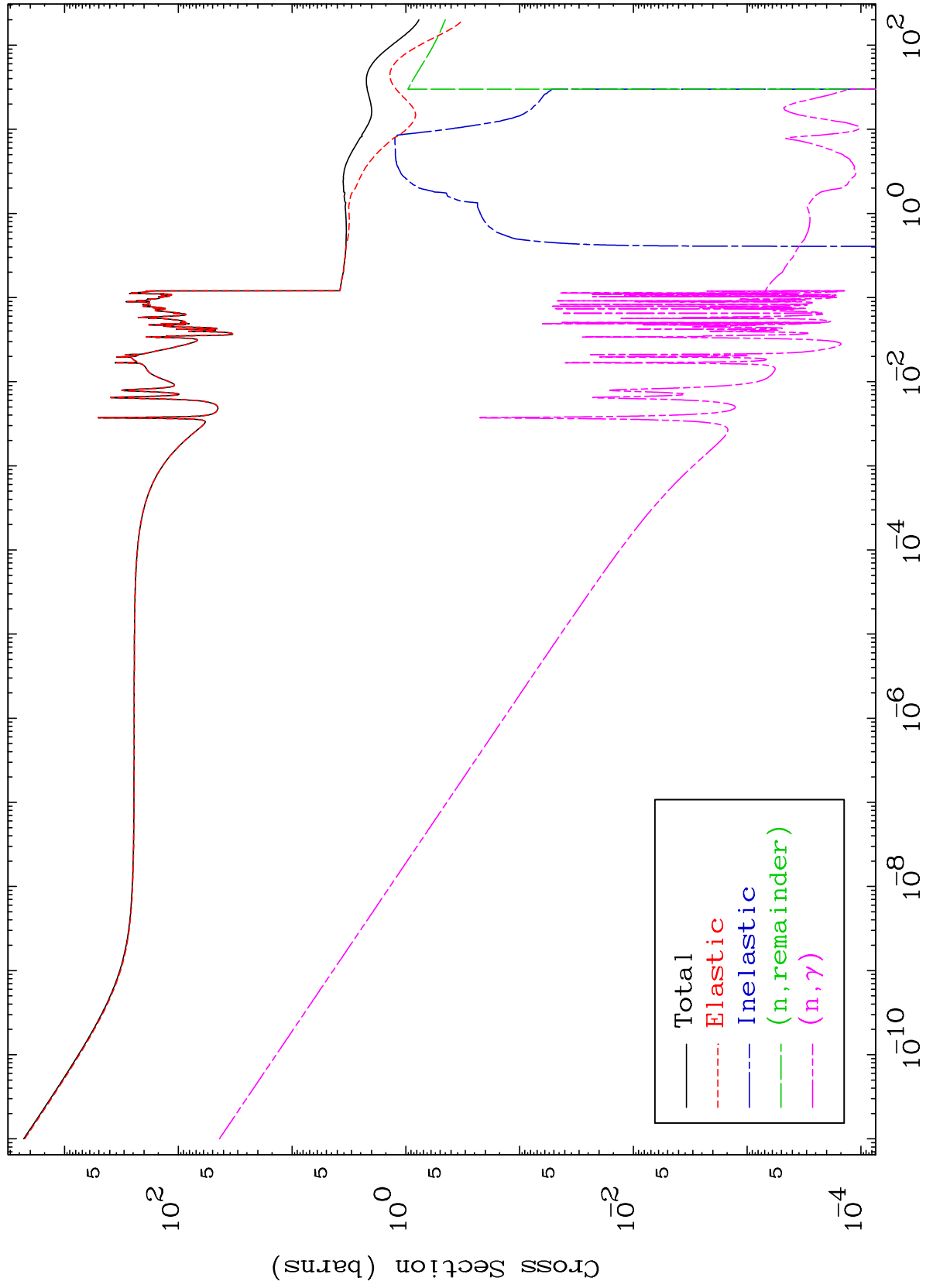
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1737

Major
293 Kelvin Cross Sections

17-Cl-39

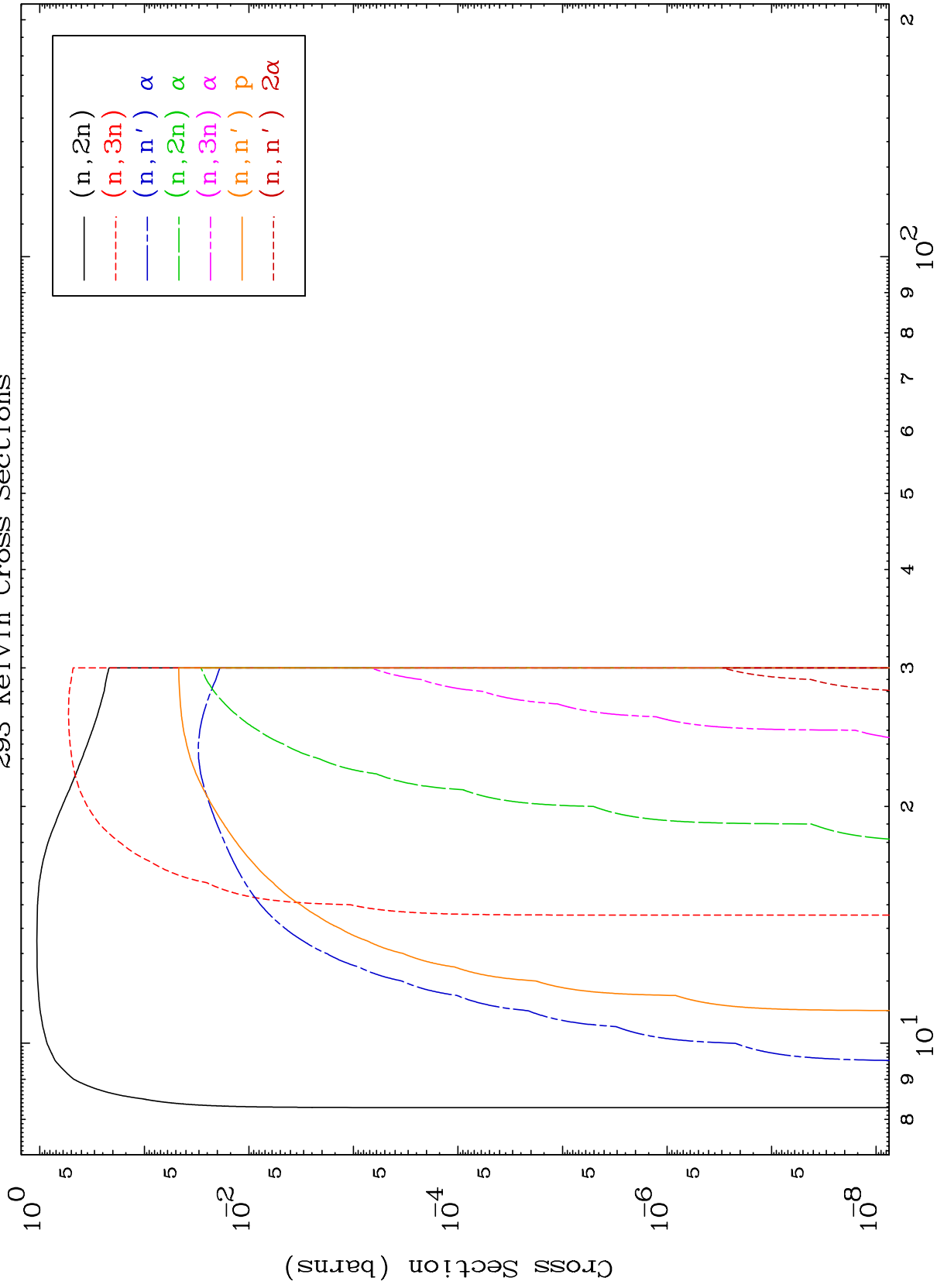


17-Cl-39

MAT 1737

Neutron Production
293 Kelvin Cross Sections

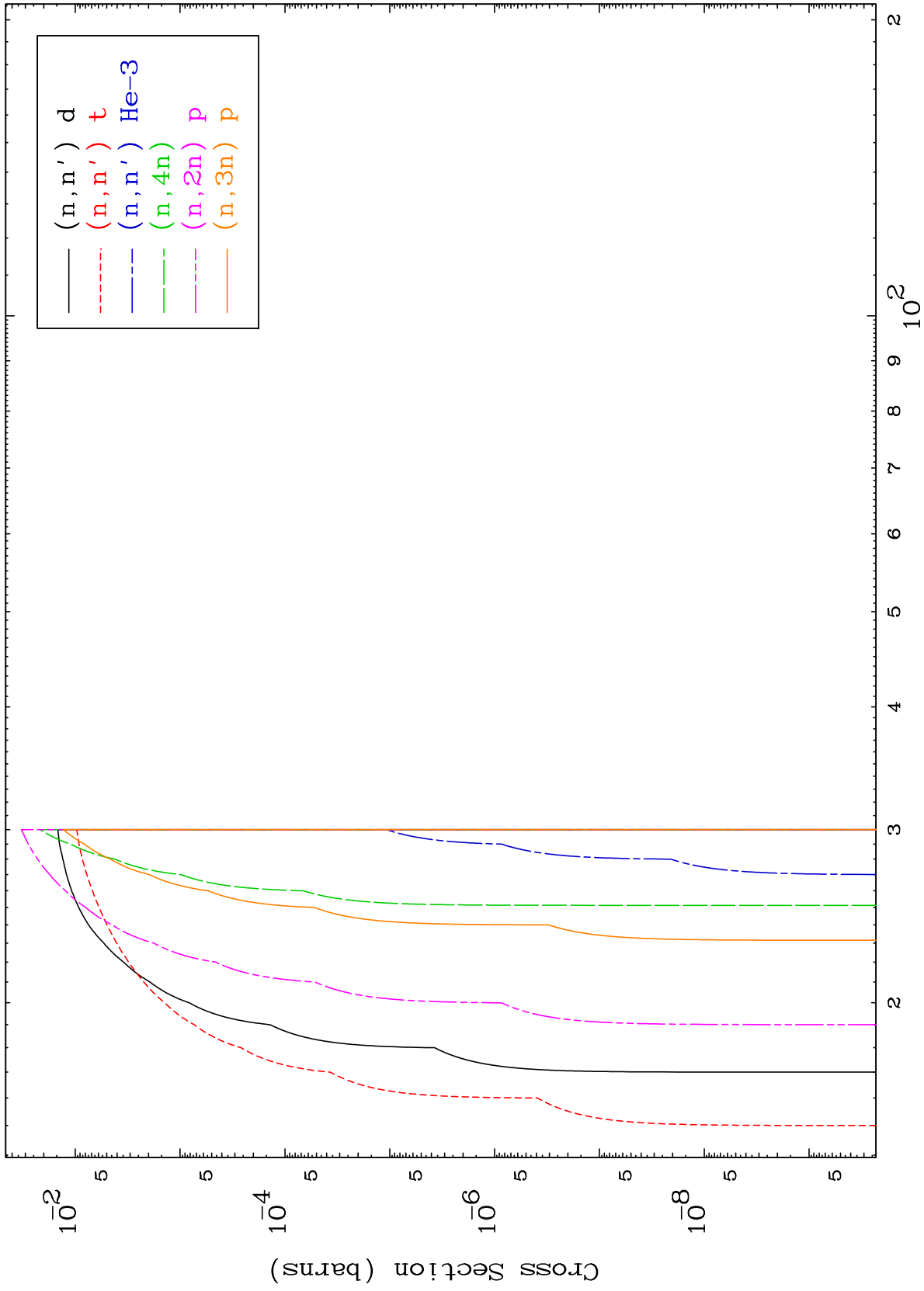
17-Cl-39

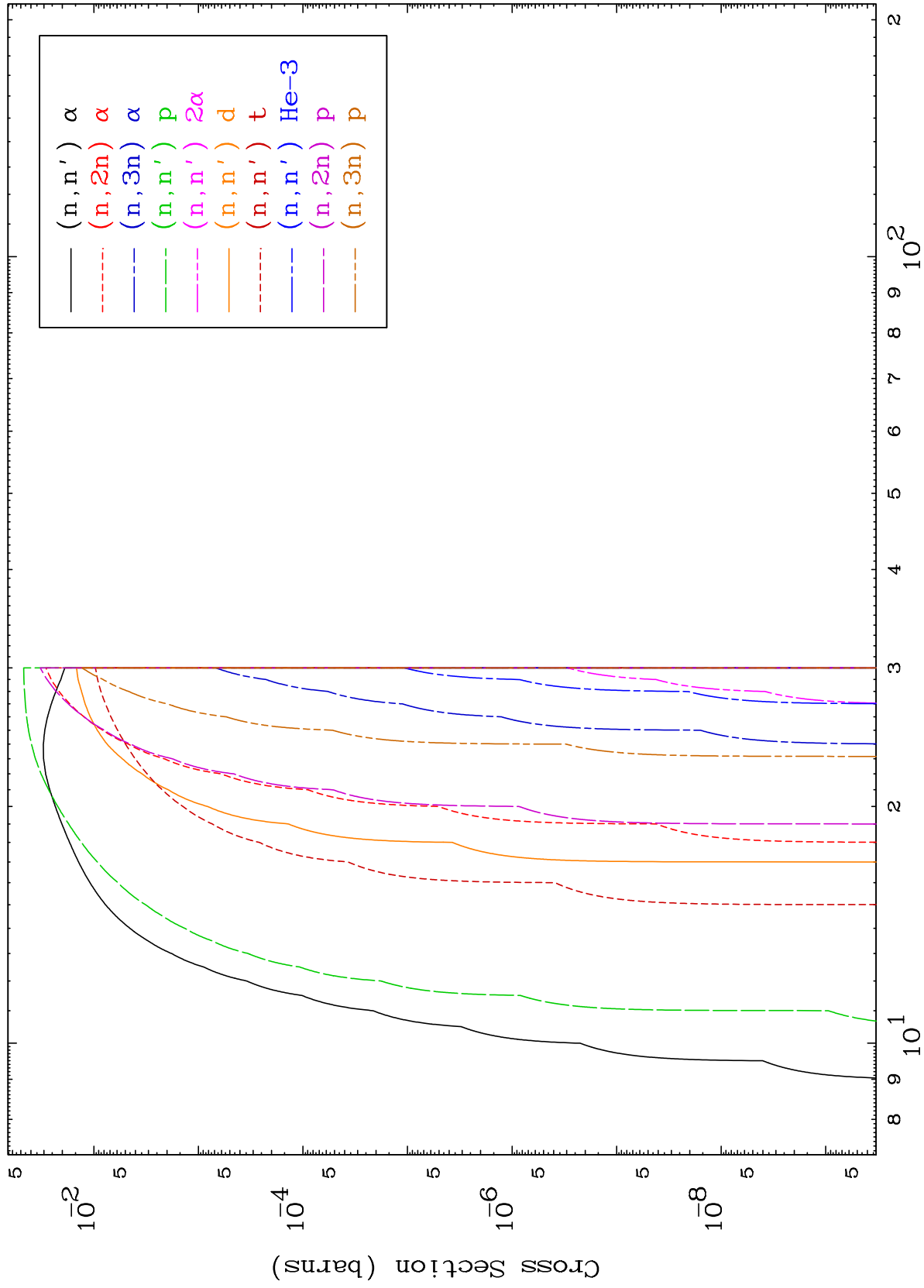


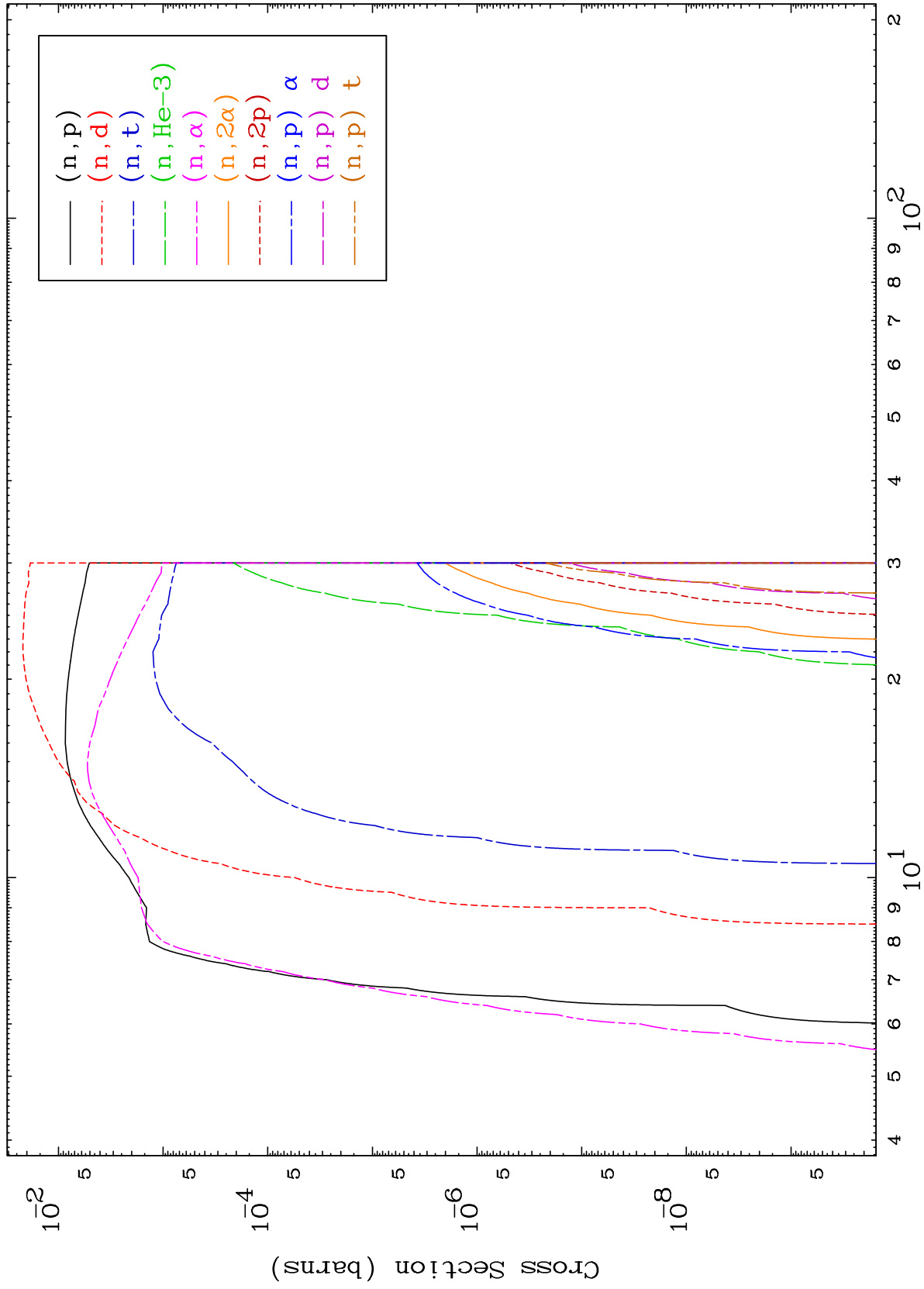
2

Incident Energy (MeV)

17-Cl-39



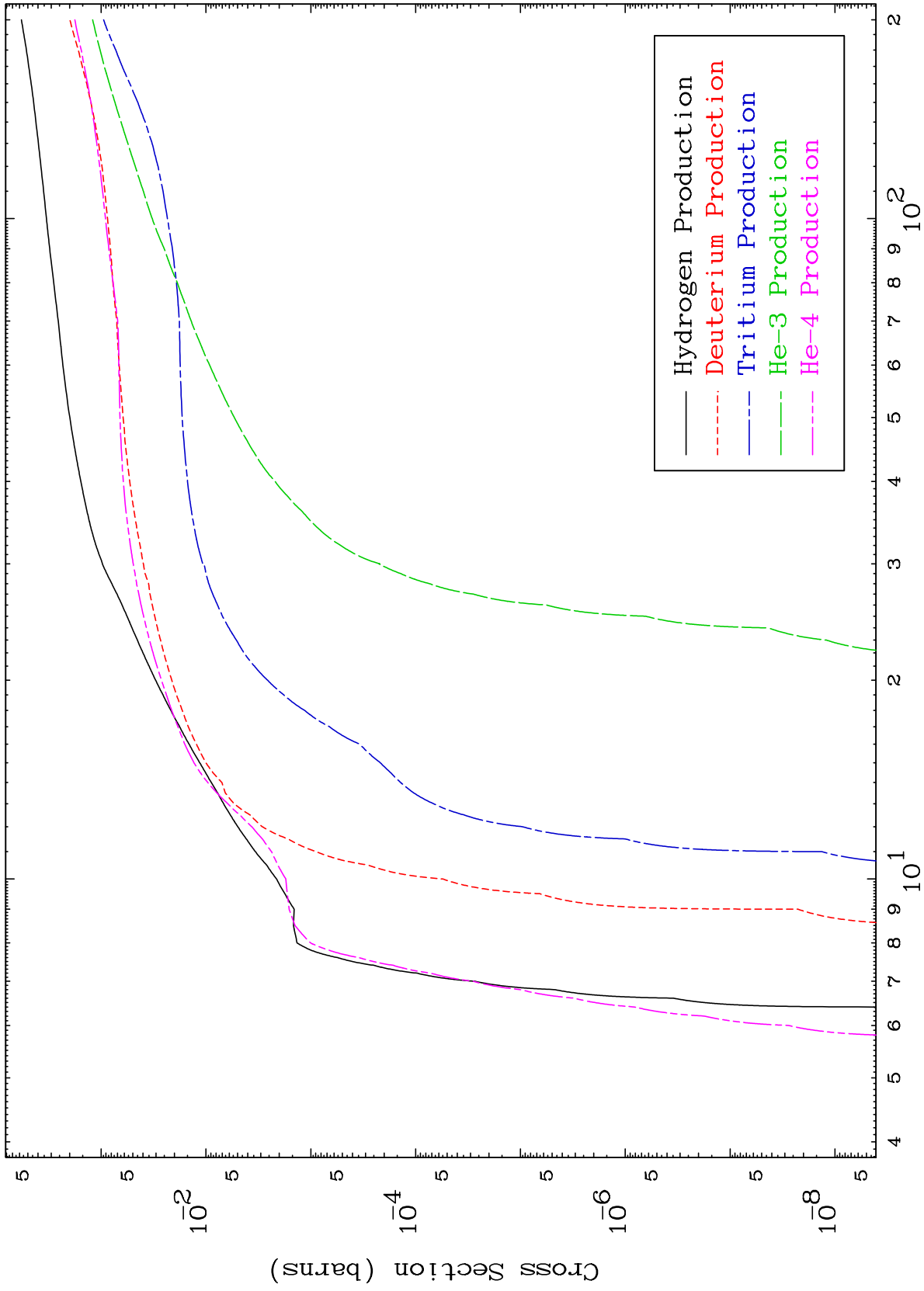




MAT 1737

Particle Production
293 Kelvin Cross Sections

17-Cl-39



6

Incident Energy (MeV)

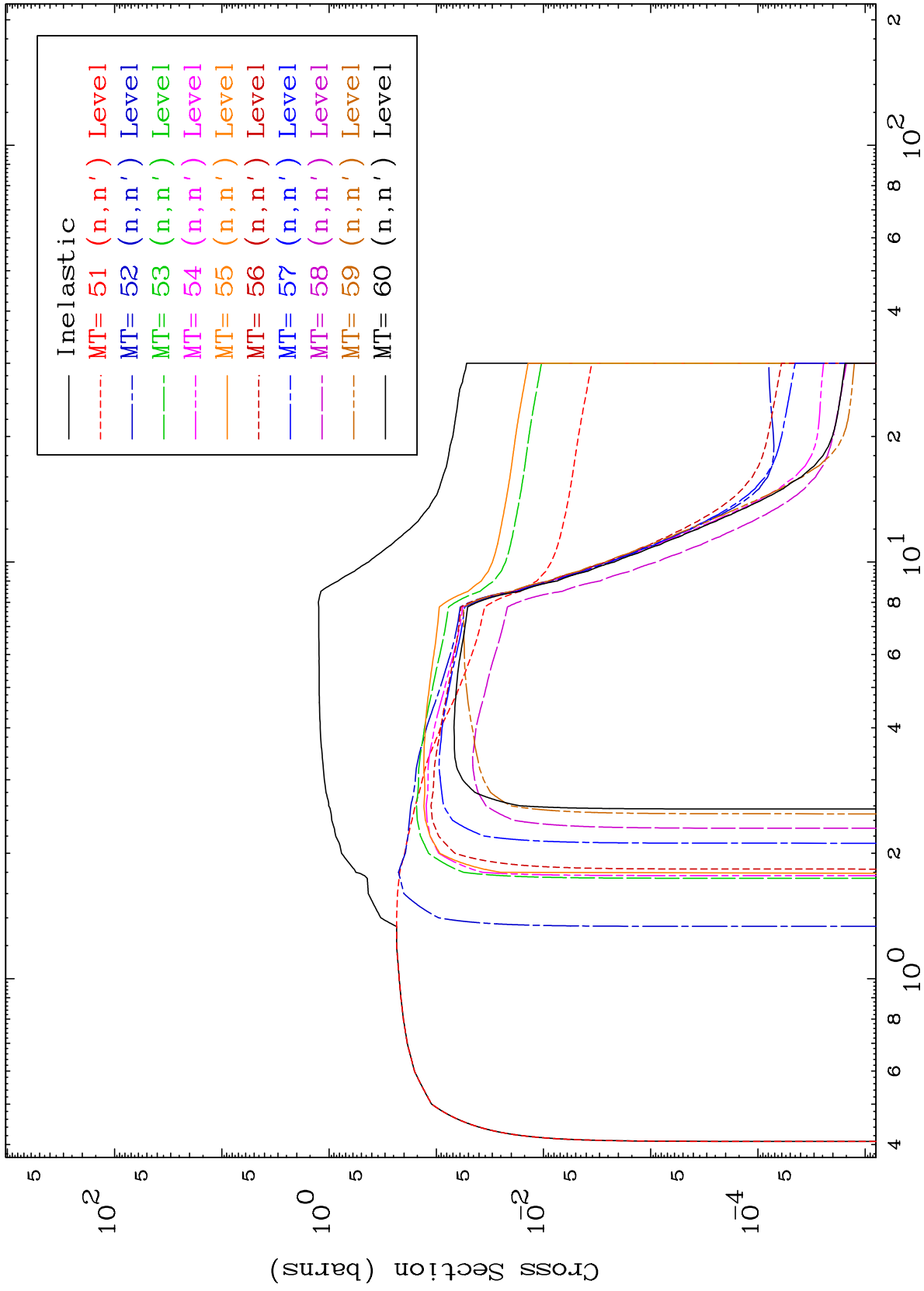
17-Cl-39

MAT 1737

(n,n') Level

17-Cl-39

293 Kelvin Cross Sections



7

Incident Energy (MeV)

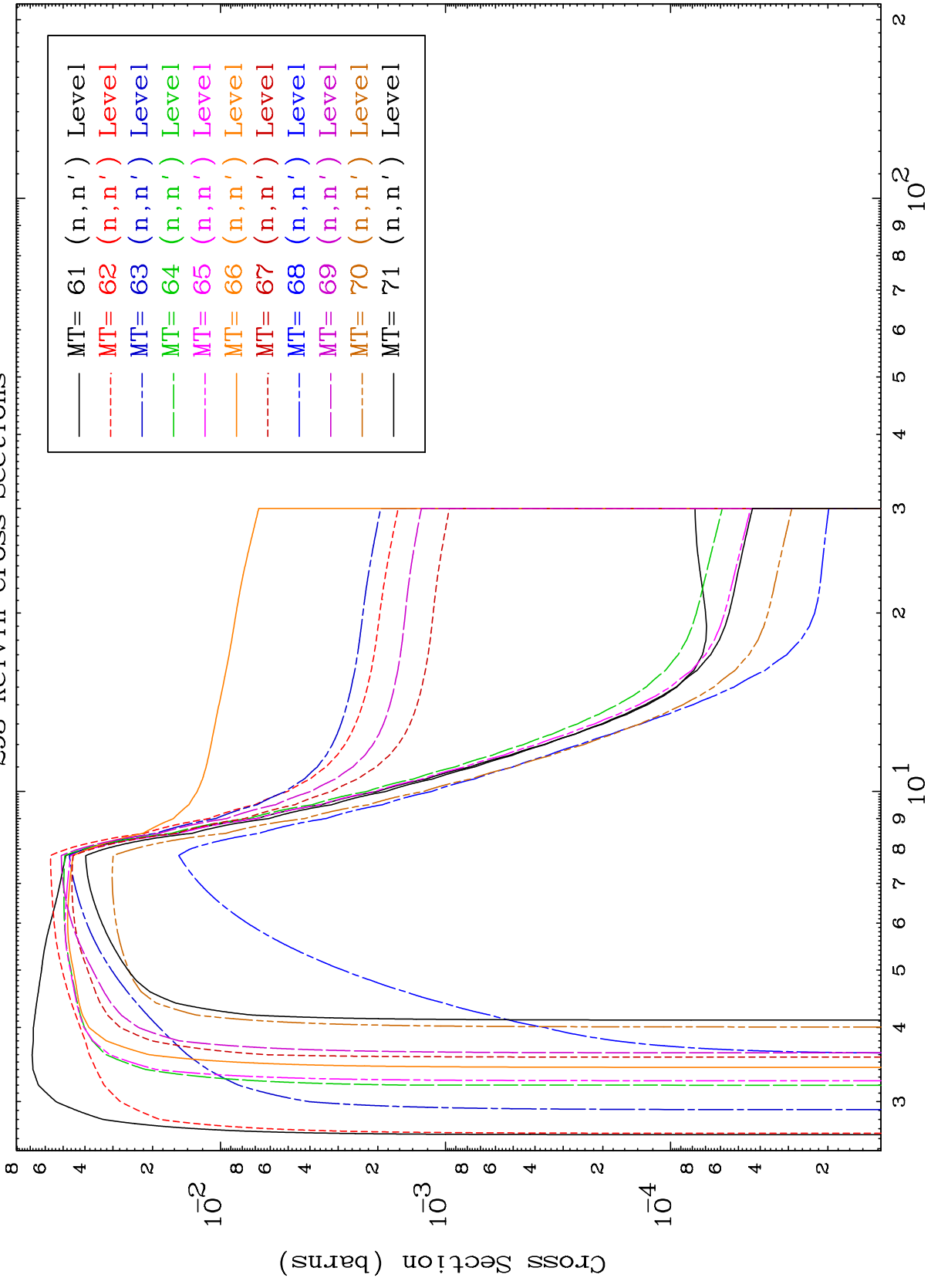
17-Cl-39

MAT 1737

(n,n') Level

293 Kelvin Cross Sections

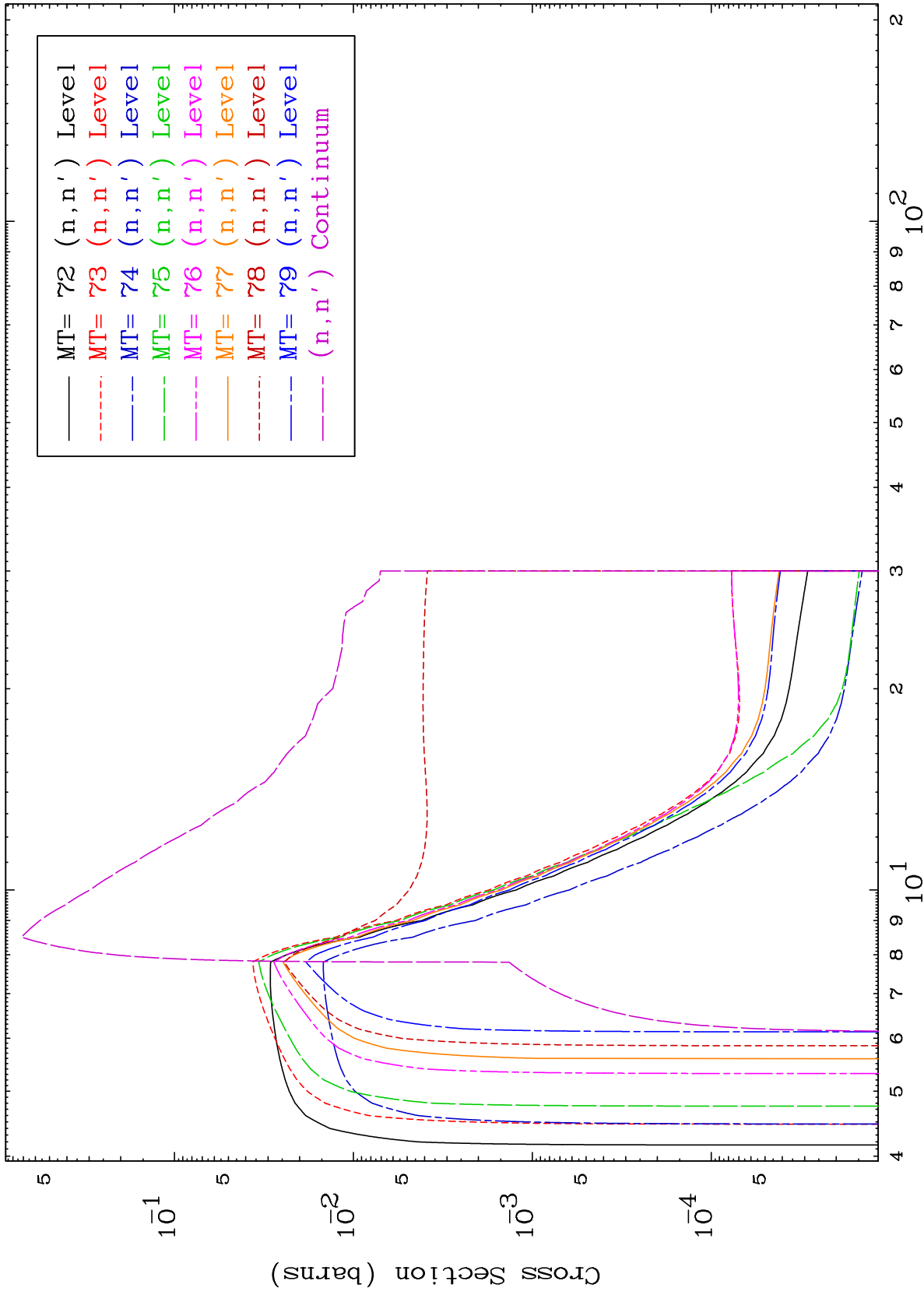
17-Cl-39



8

Incident Energy (MeV)

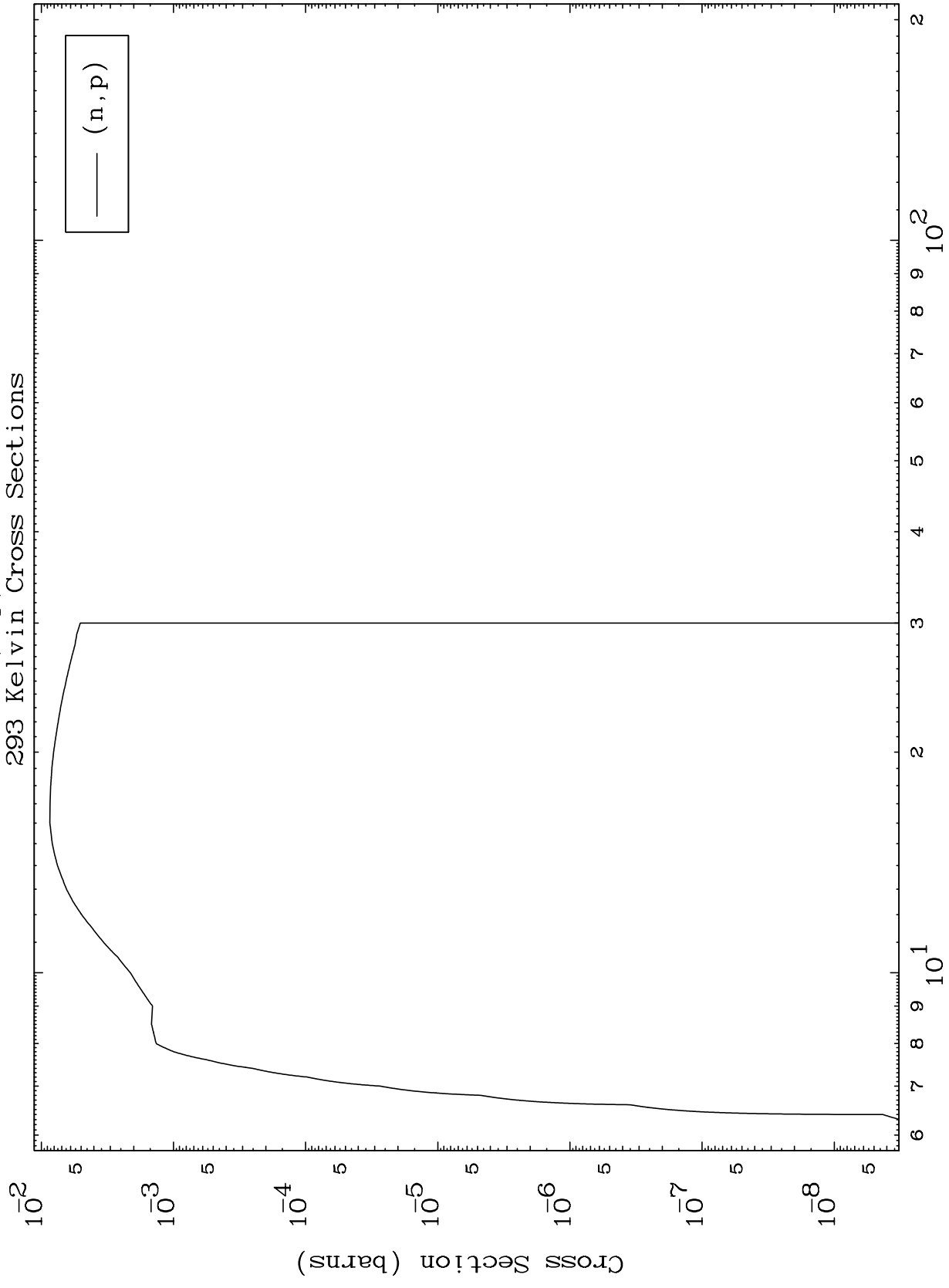
17-Cl-39



MAT 1737

(n,p) Levels
293 Kelvin Cross Sections

17-Cl-39



10

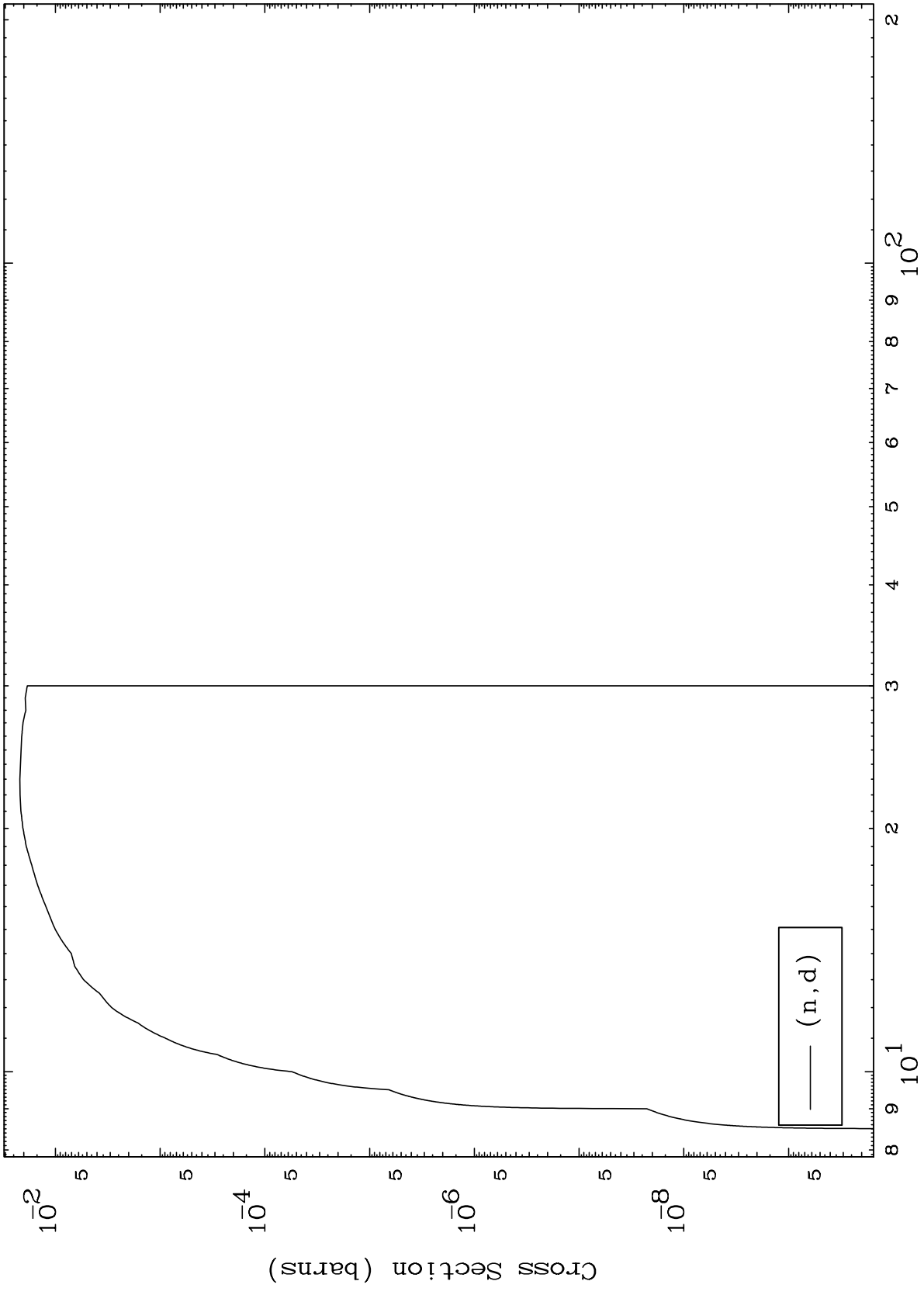
Incident Energy (MeV)

17-Cl-39

MAT 1737

(n,d) Levels
293 Kelvin Cross Sections

17-Cl-39



11

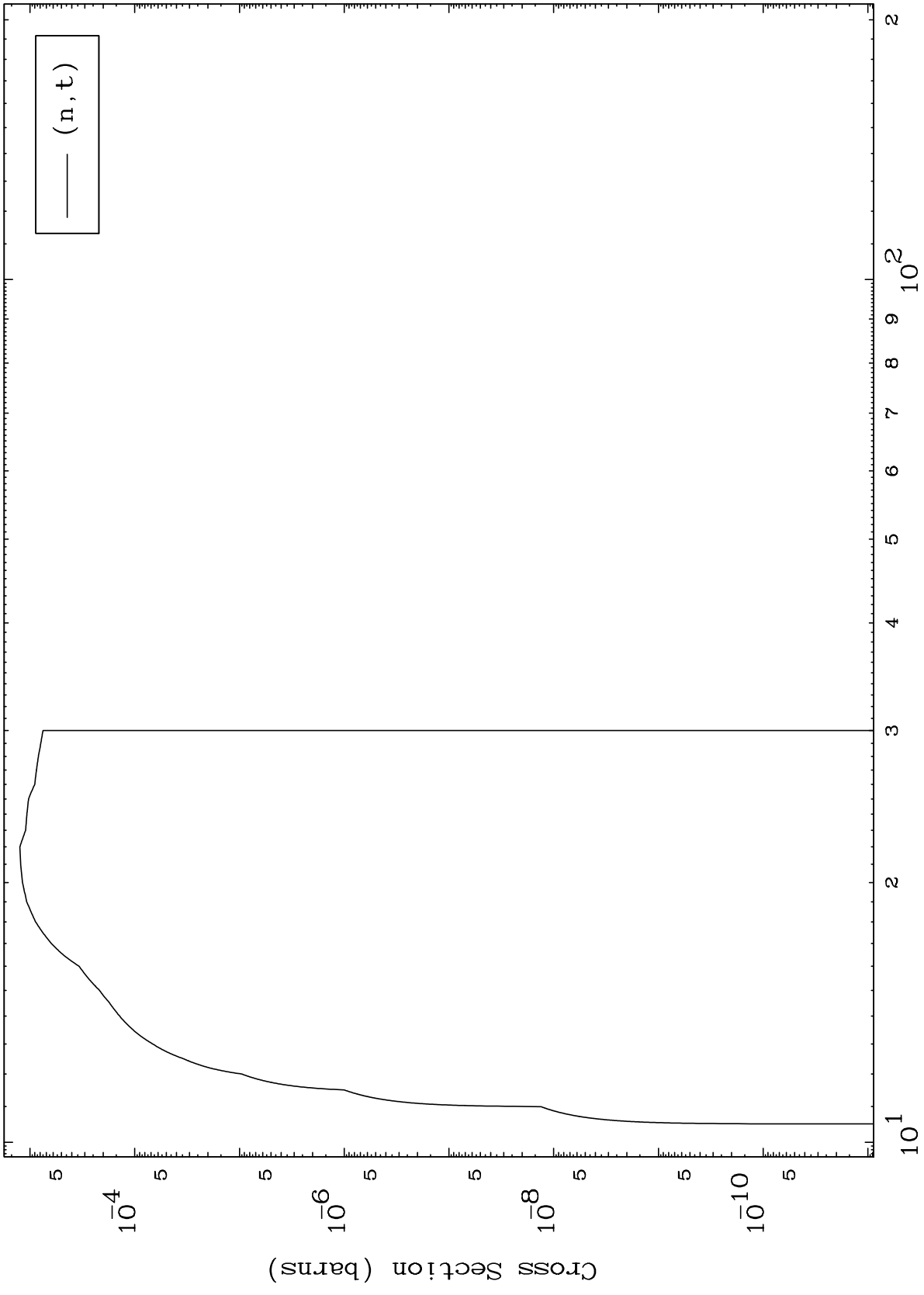
Incident Energy (MeV)

17-Cl-39

MAT 1737

(n,t) Levels
293 Kelvin Cross Sections

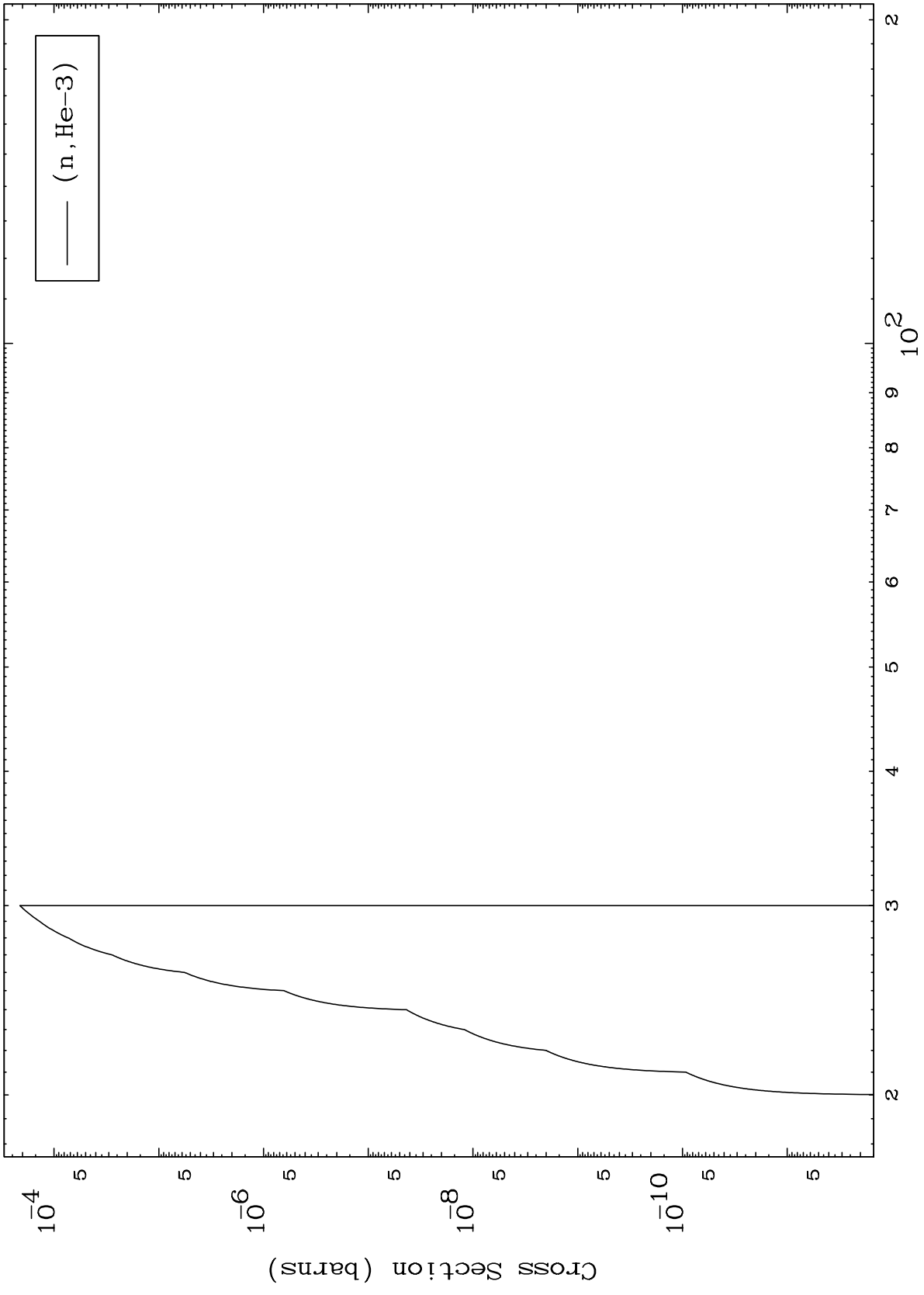
17-Cl-39



12

Incident Energy (MeV)

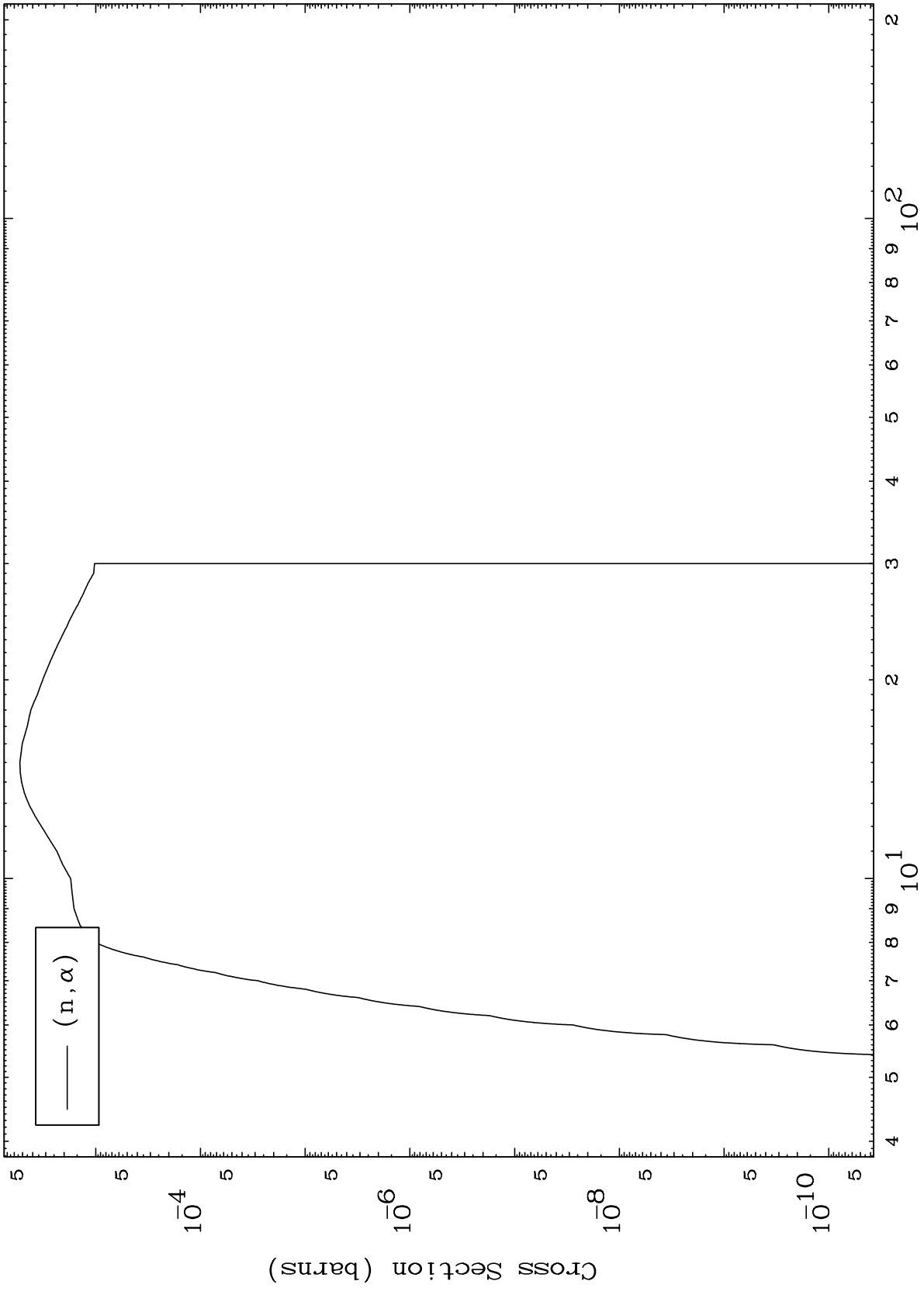
17-Cl-39



MAT 1737

(n,α) Levels
293 Kelvin Cross Sections

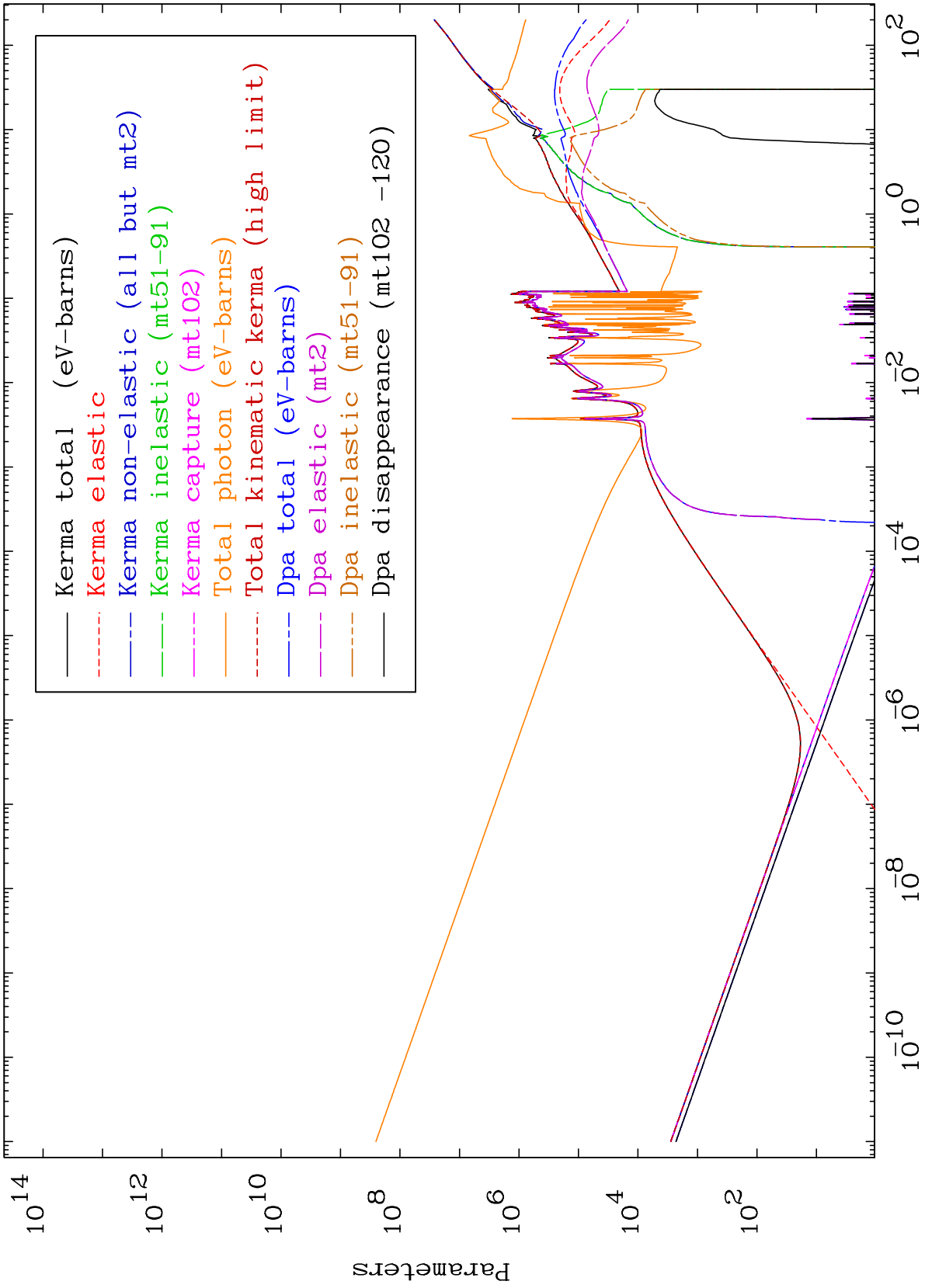
17-Cl-39



14

Incident Energy (MeV)

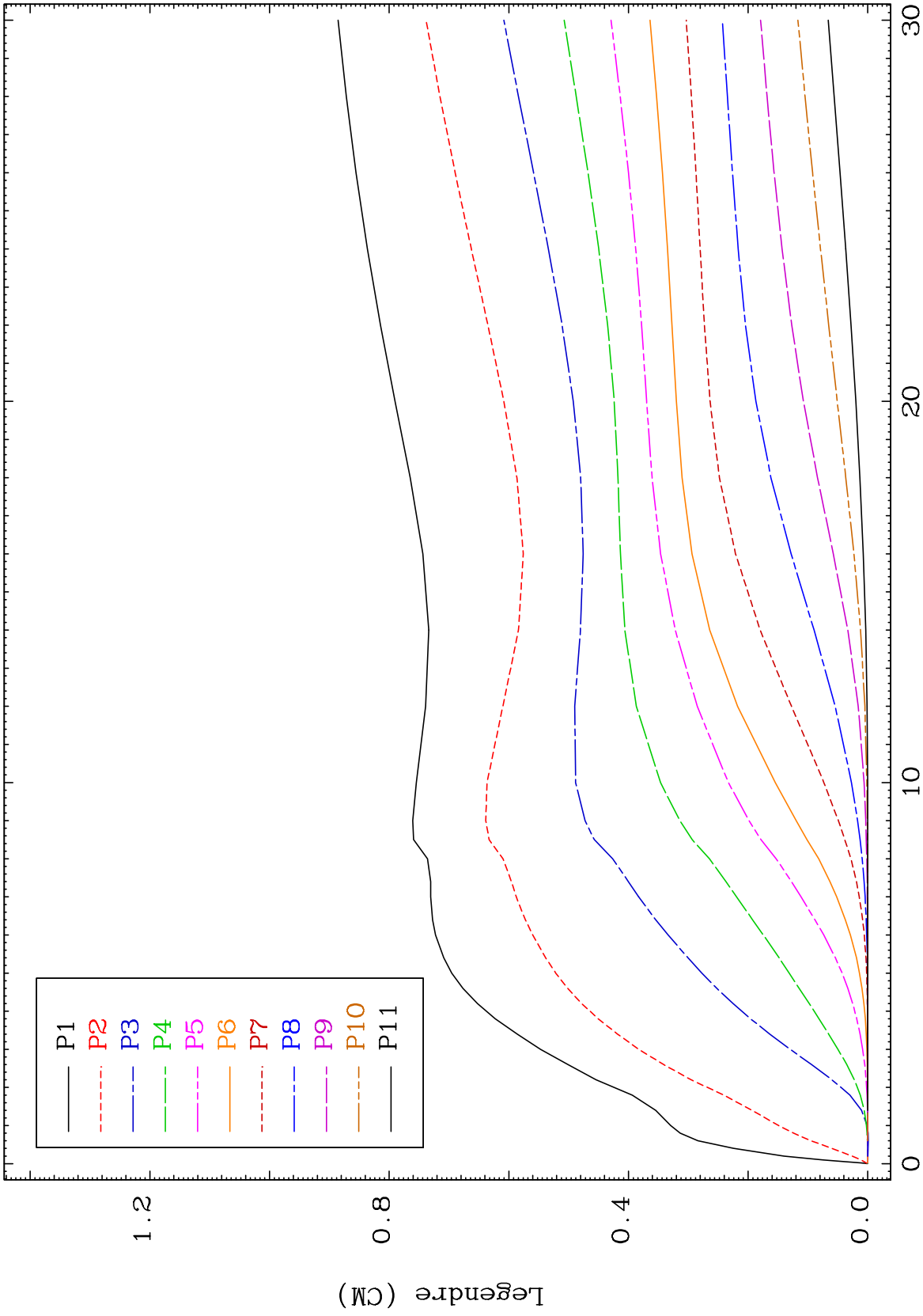
17-Cl-39



MAT 1737

Elastic Legendre Coefficients

17-Cl-39



0

16

10

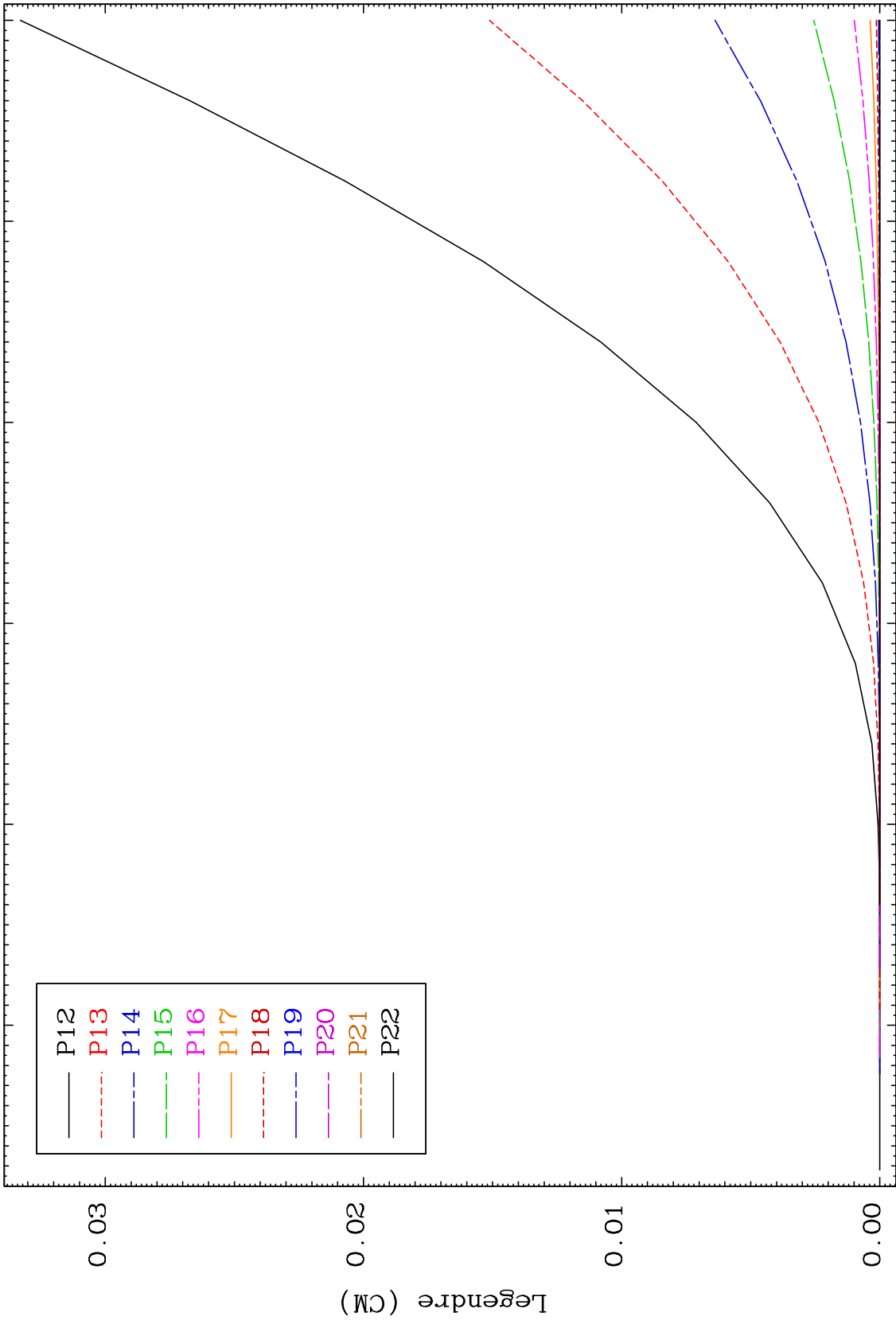
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30

MAT 1737

Elastic Legendre Coefficients

17-Cl-39



17

17-Cl-39

MAT 1737

Elastic Legendre Coefficients

17-Cl-39



18

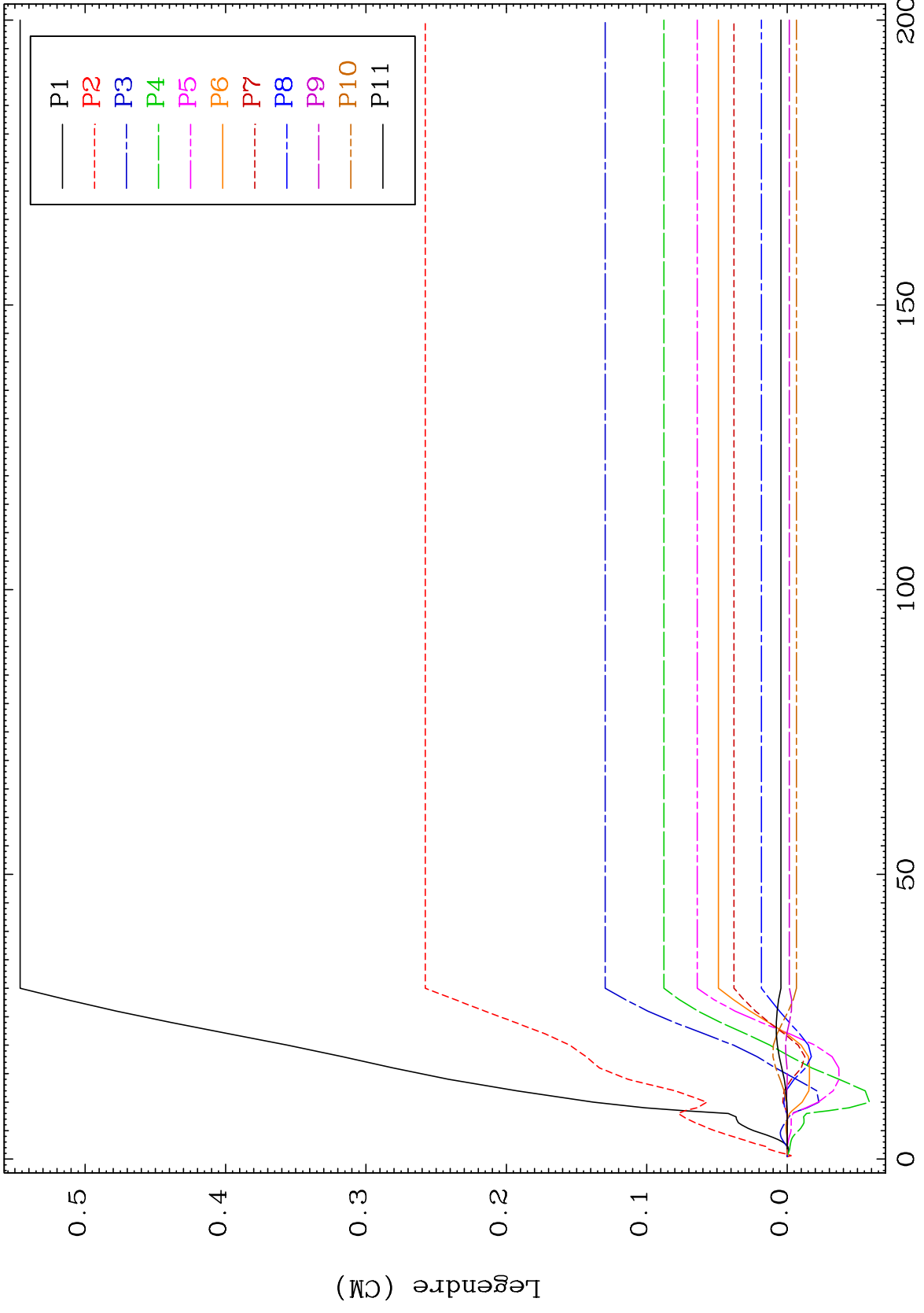
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



19

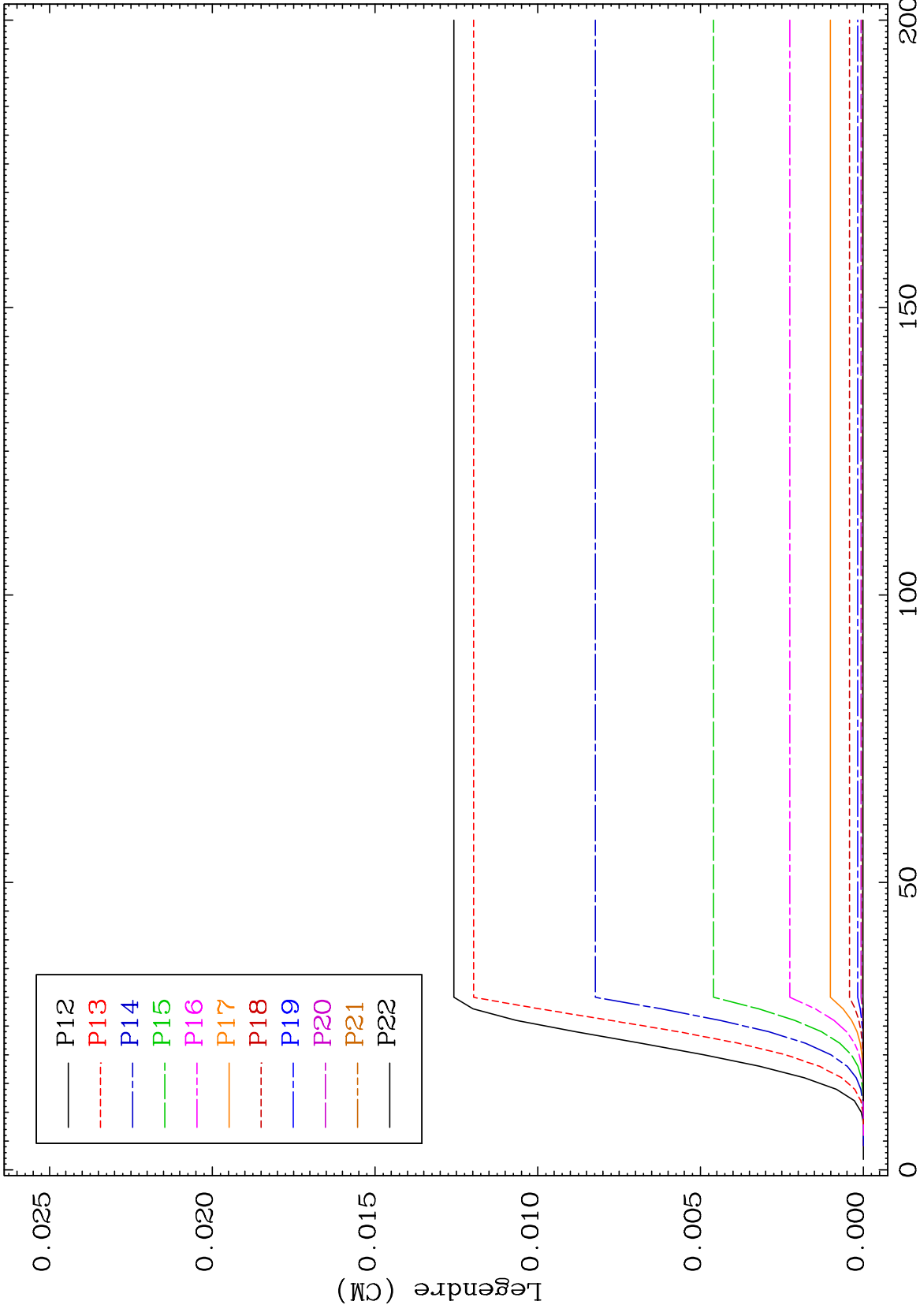
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



17-Cl-39

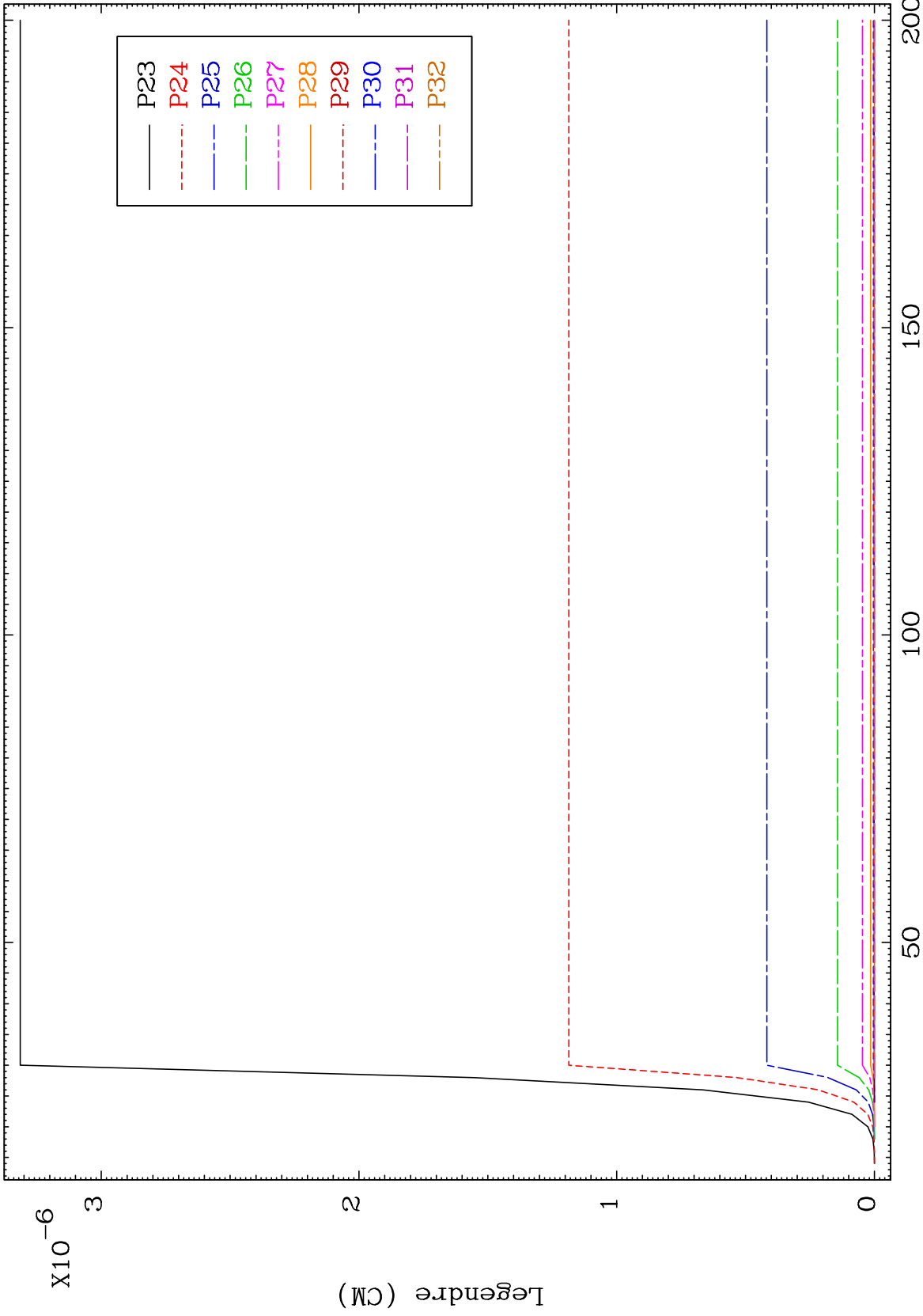
Incident Energy (MeV)

0

MAT 1737

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

17-Cl-39



21

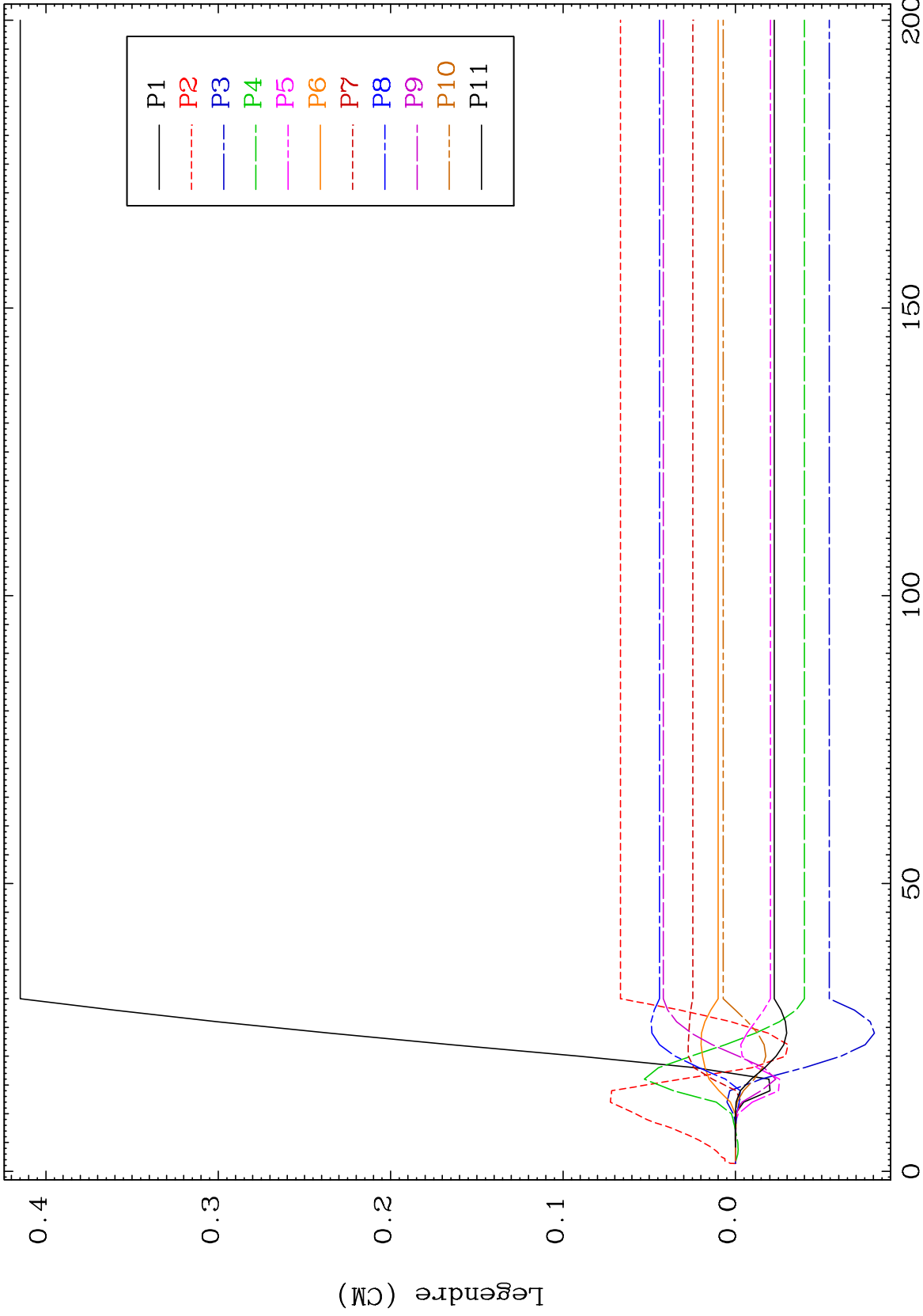
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



22

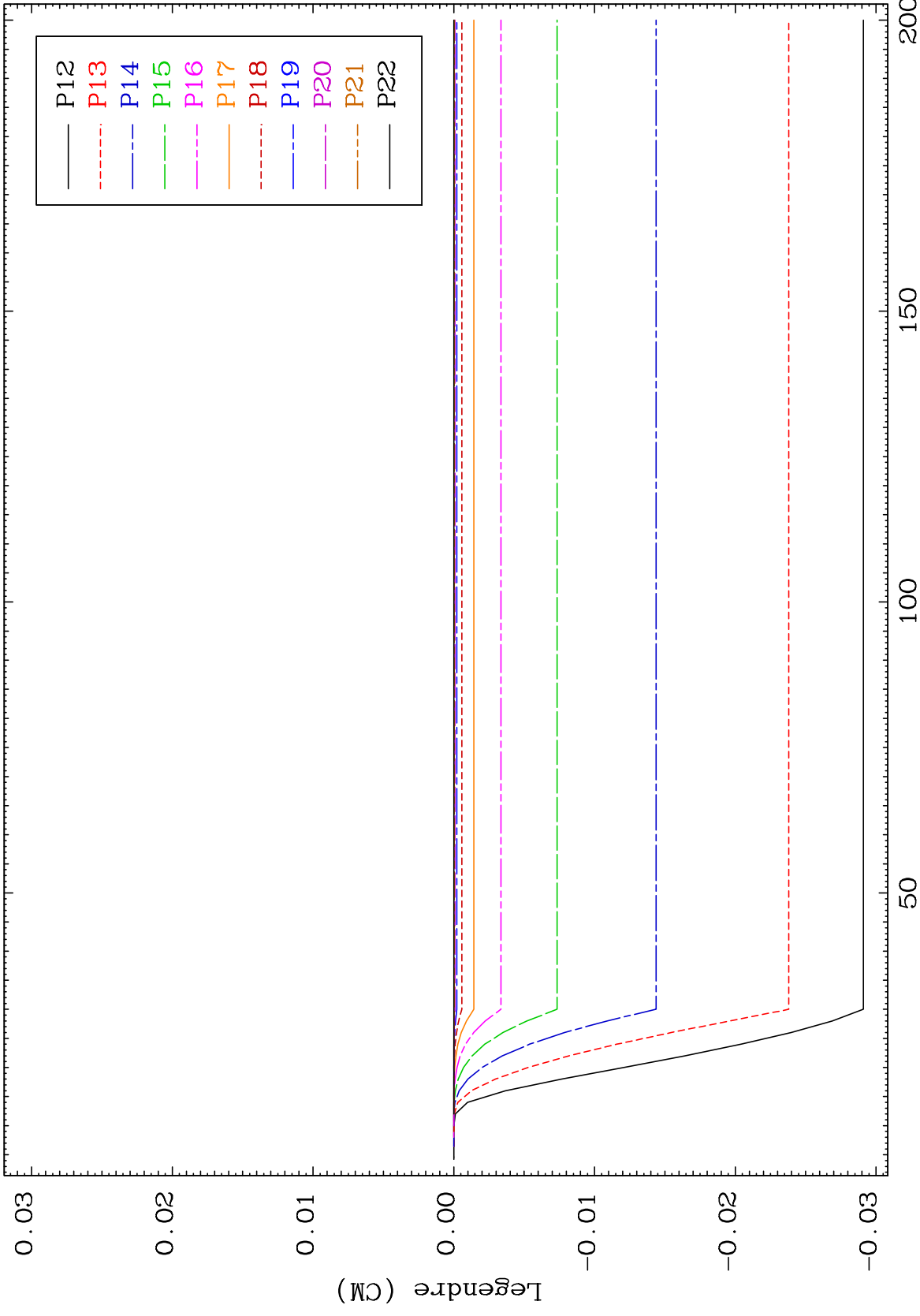
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

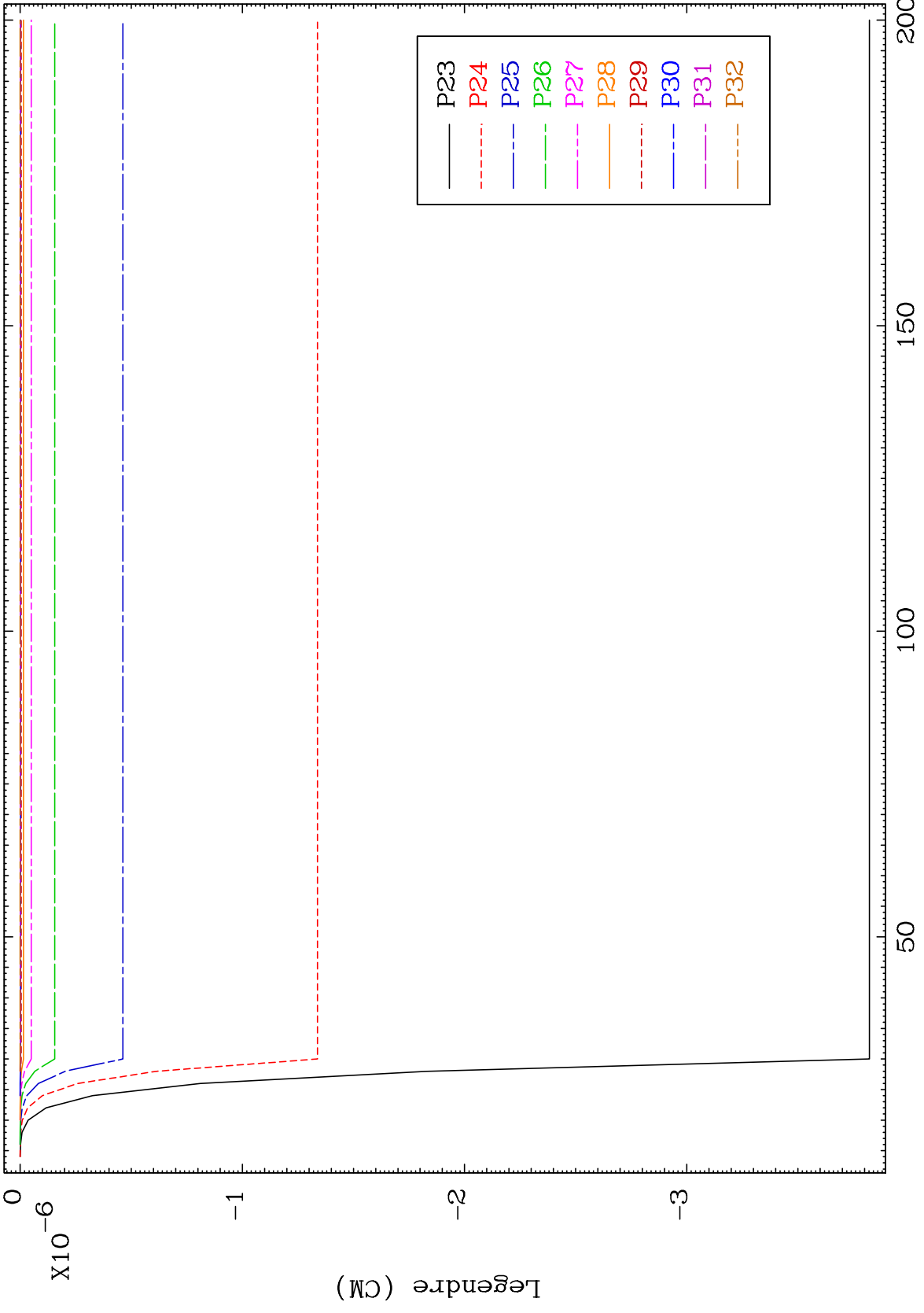
17-Cl-39



23

17-Cl-39

MAT 1737 MT= 52 (n,n') Level Legendre Coefficients 17-Cl-39

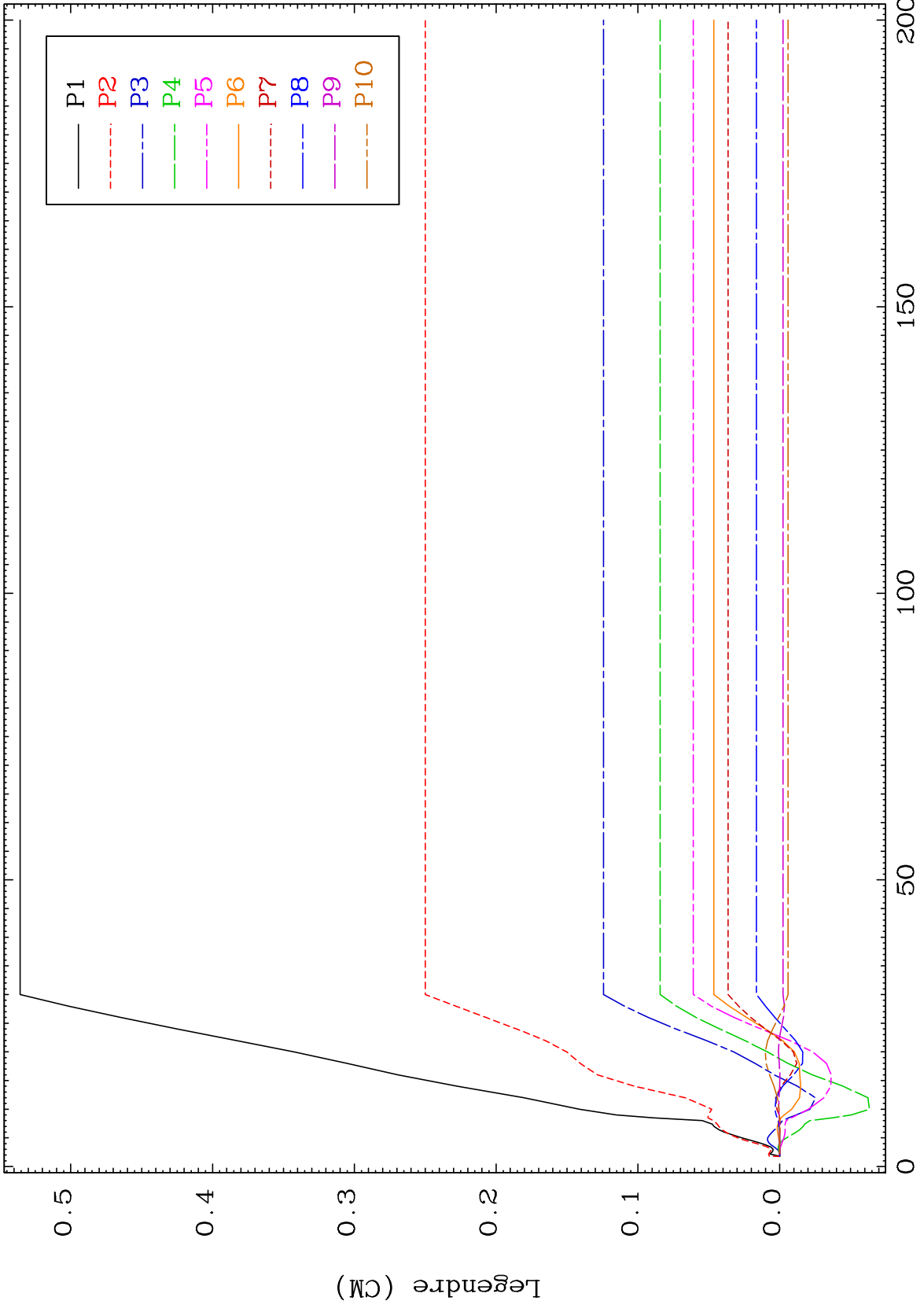


24 Incident Energy (MeV) 17-Cl-39

MAT 1737

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

17-Cl-39



25

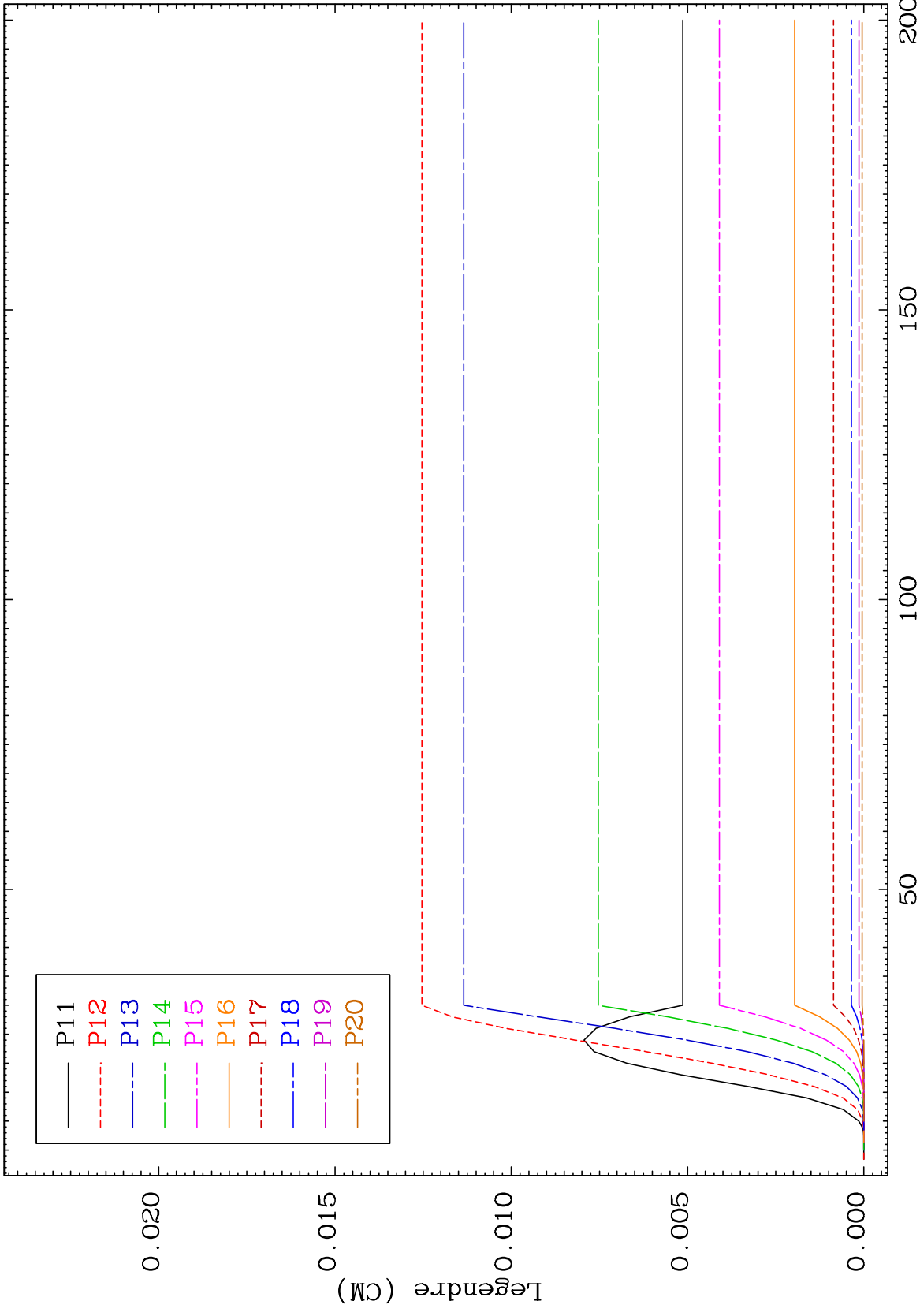
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



26

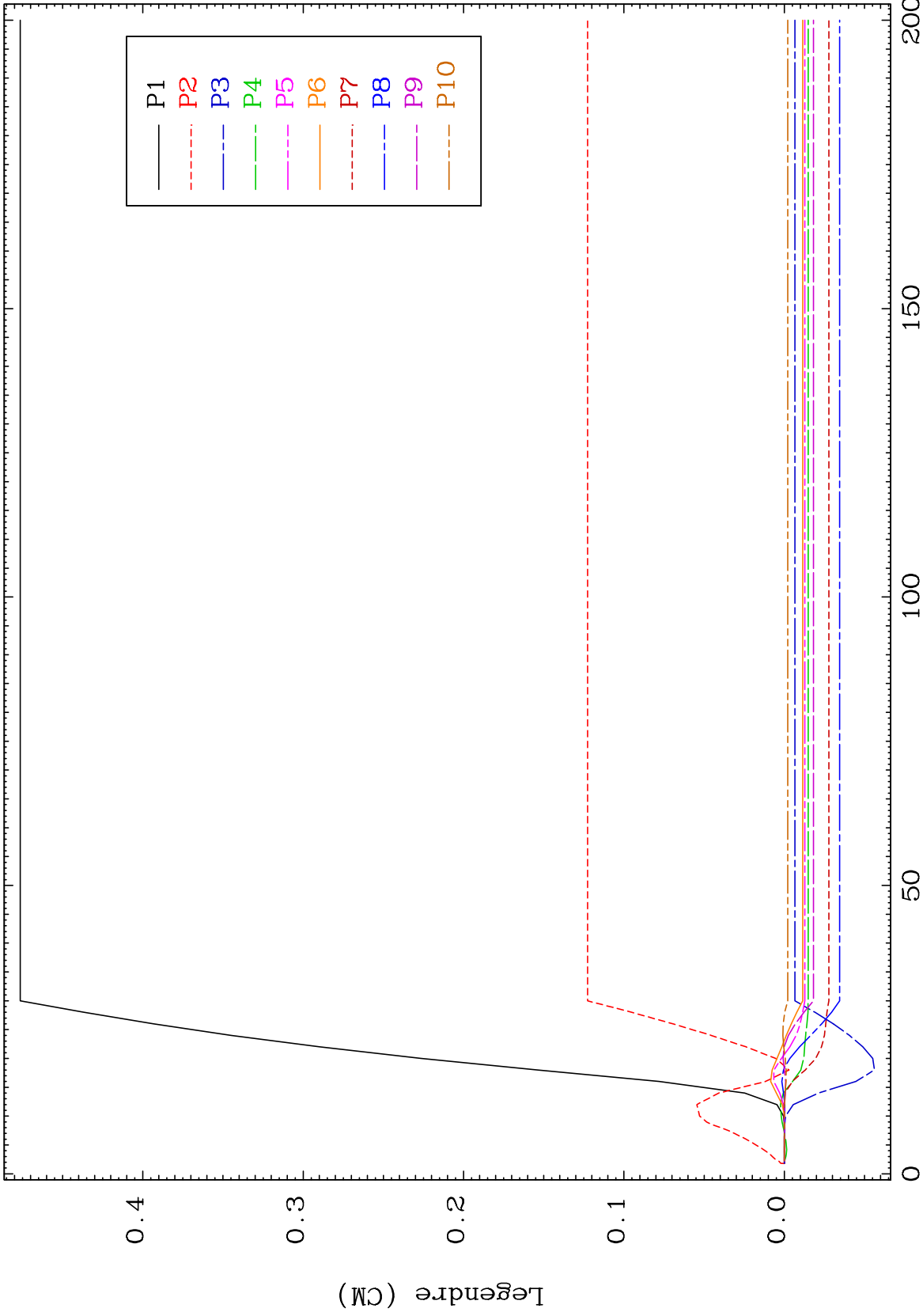
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

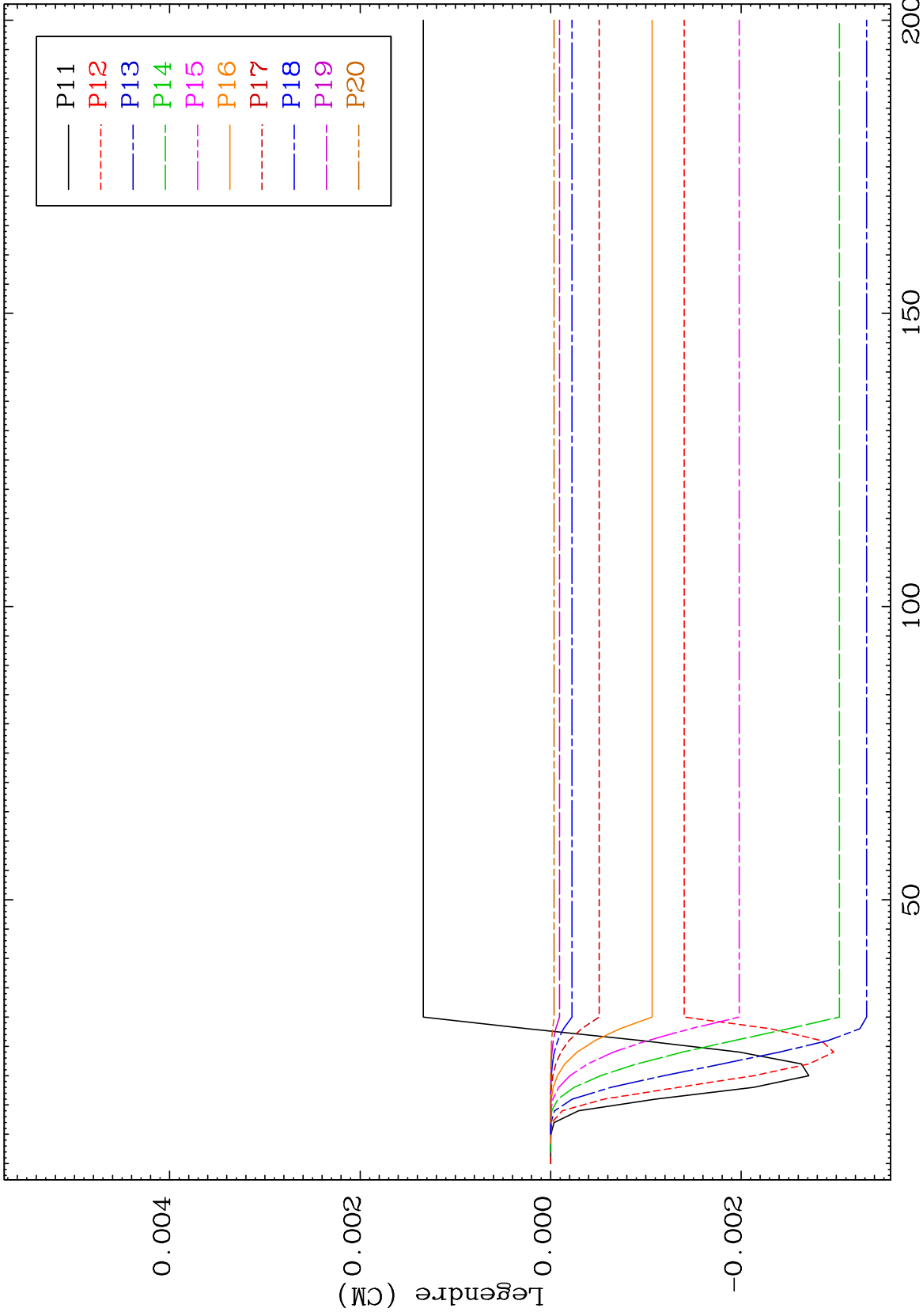
17-Cl-39



28

Incident Energy (MeV)

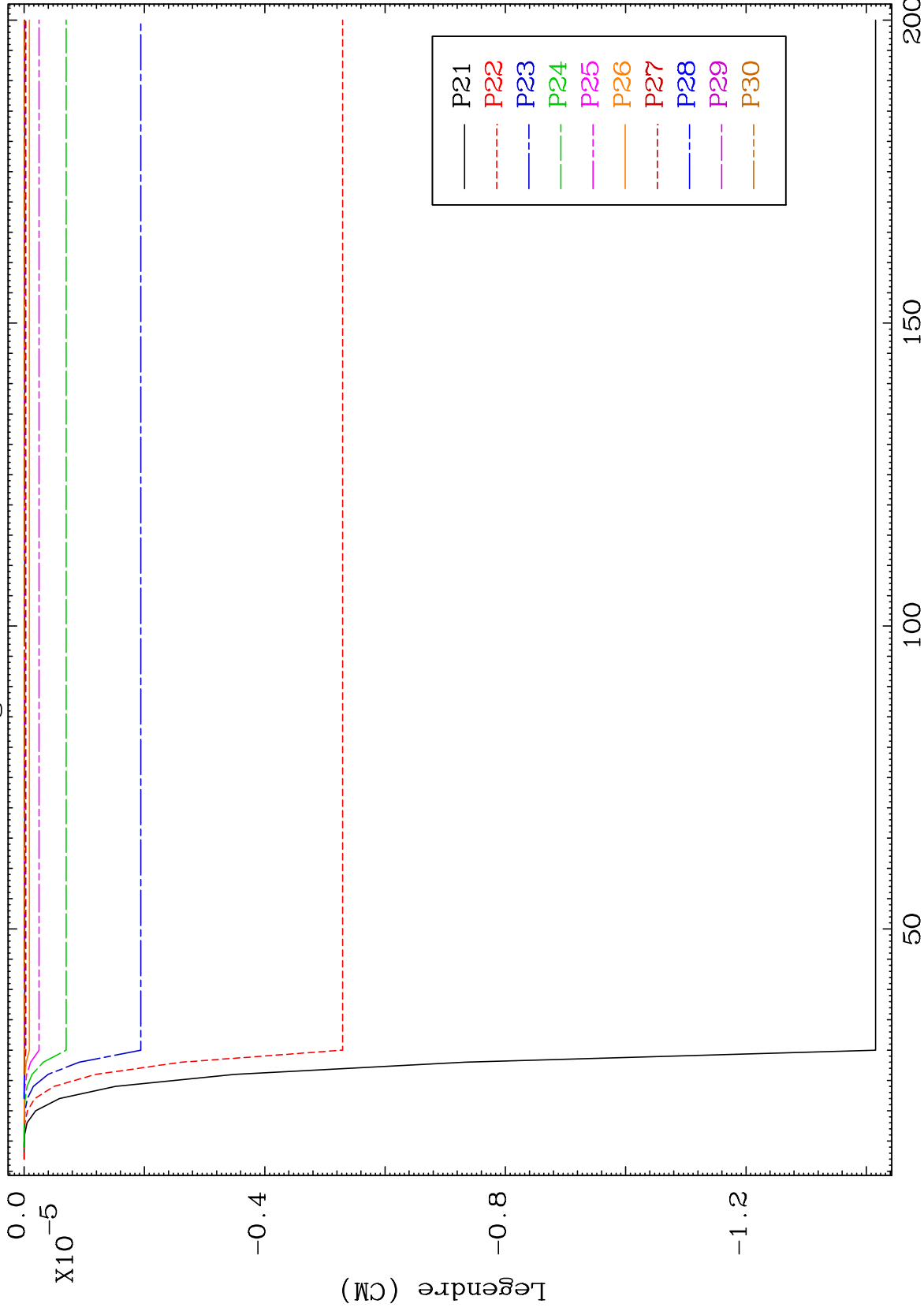
17-Cl-39



MAT 1737

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

17-Cl-39



17-Cl-39

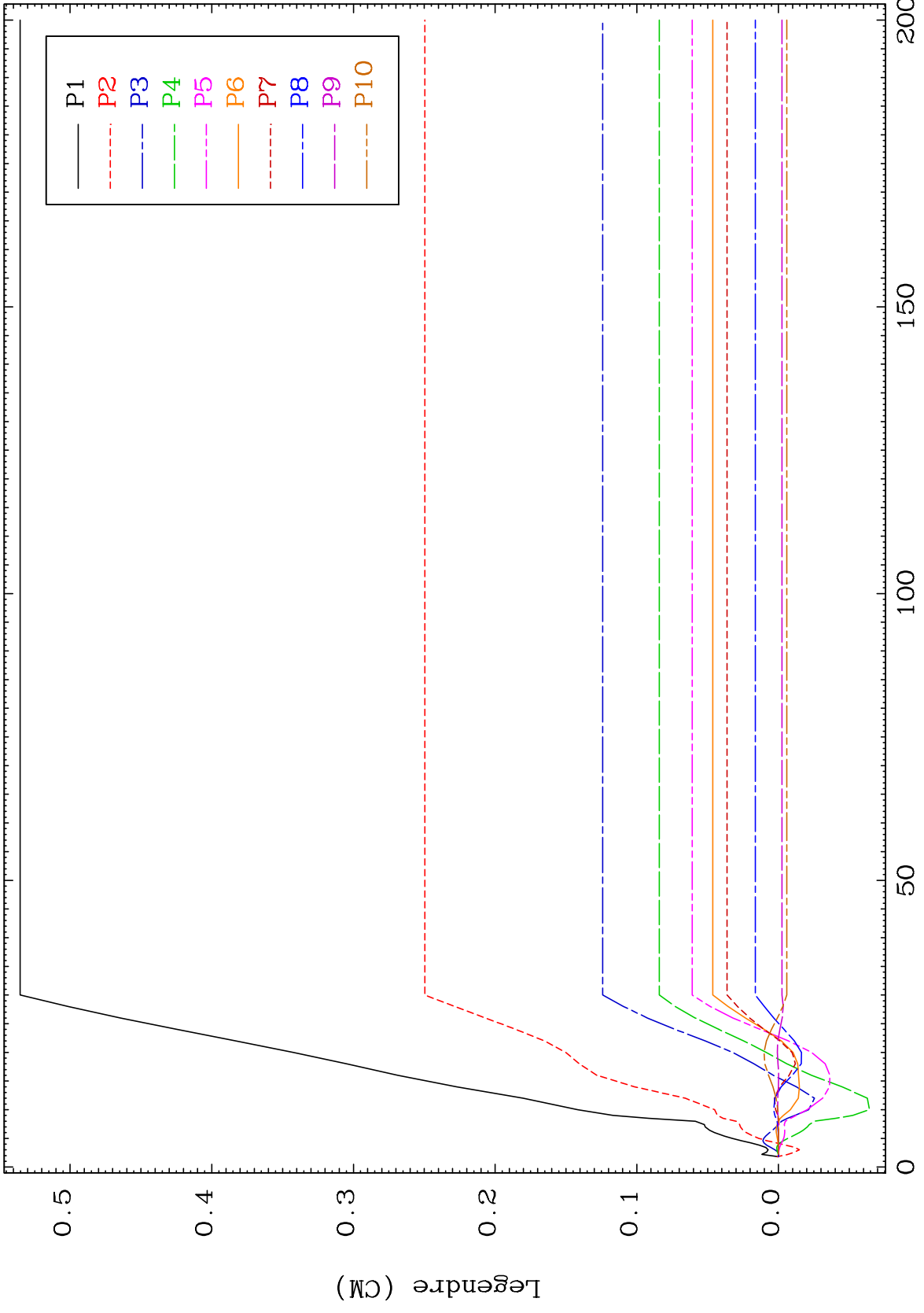
Incident Energy (MeV)

30

MAT 1737

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

17-Cl-39



31

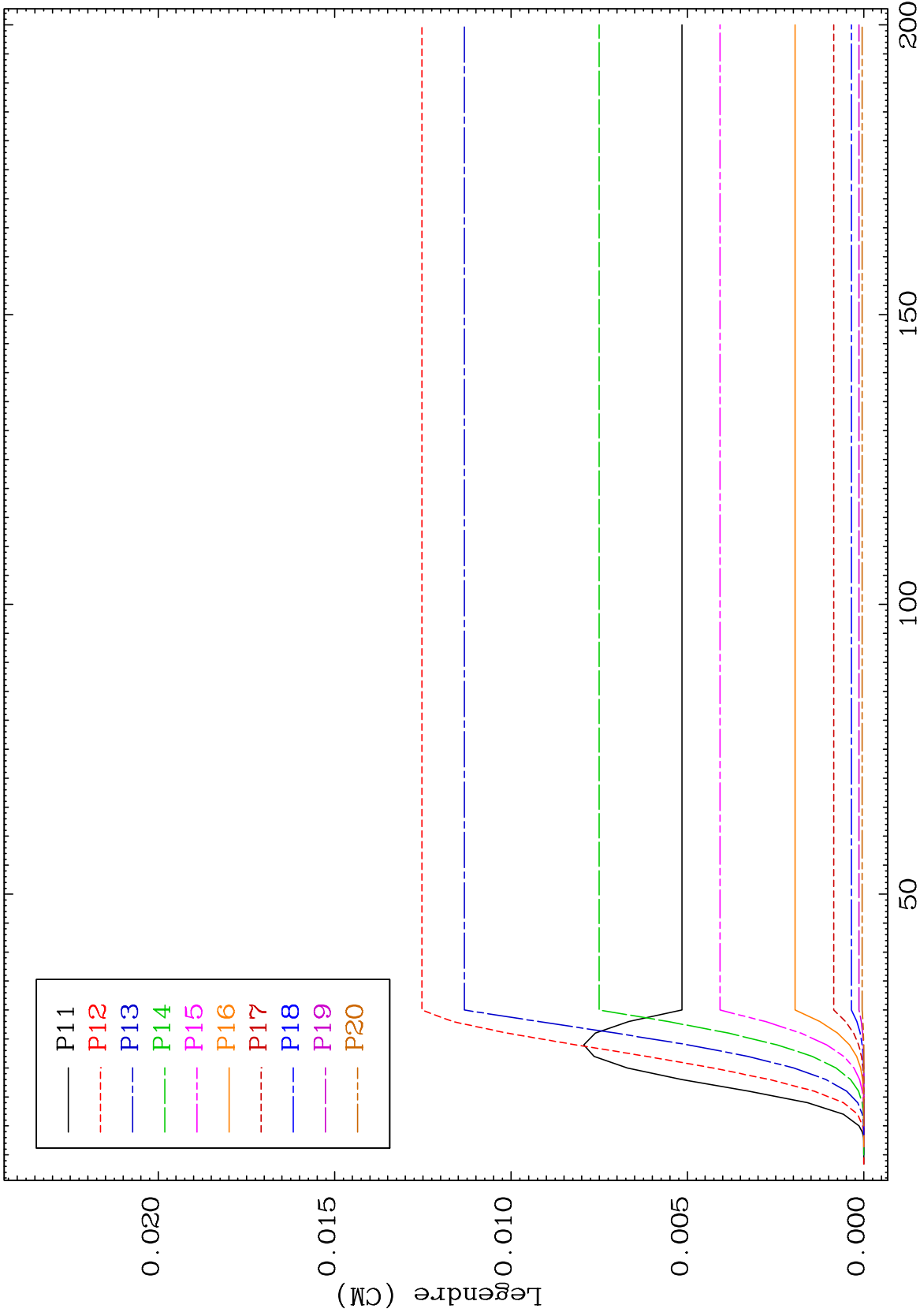
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



32

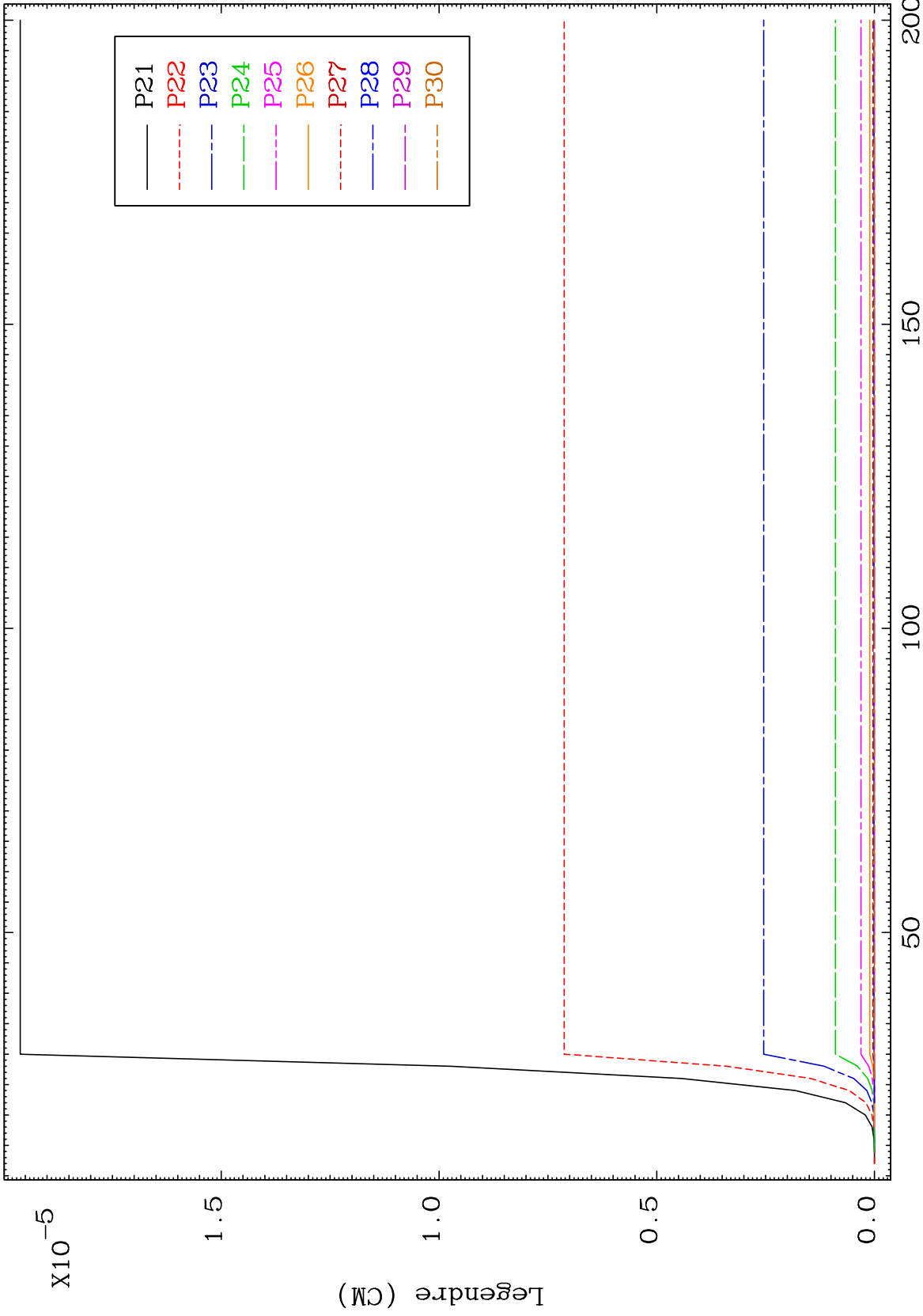
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



33

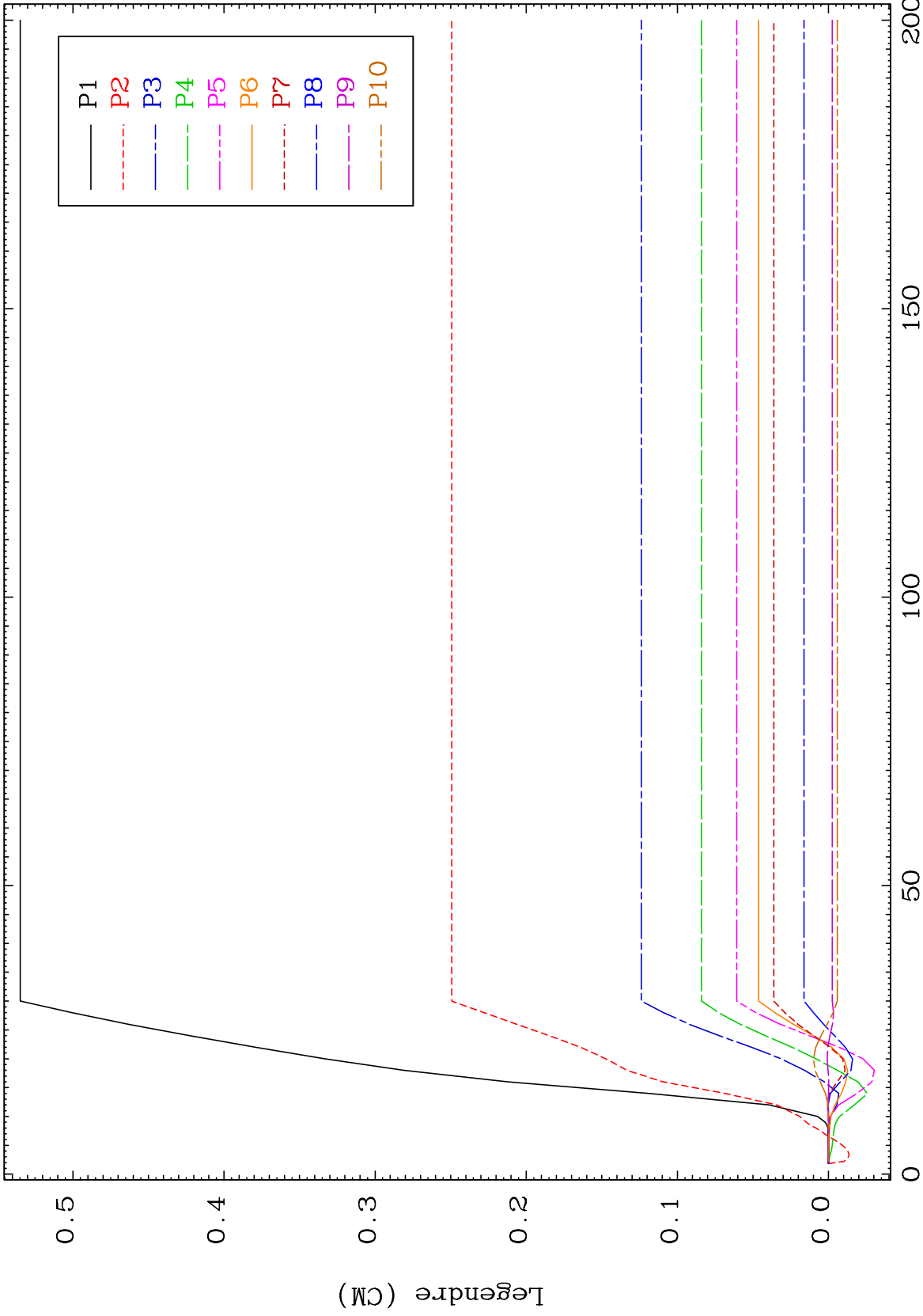
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



34

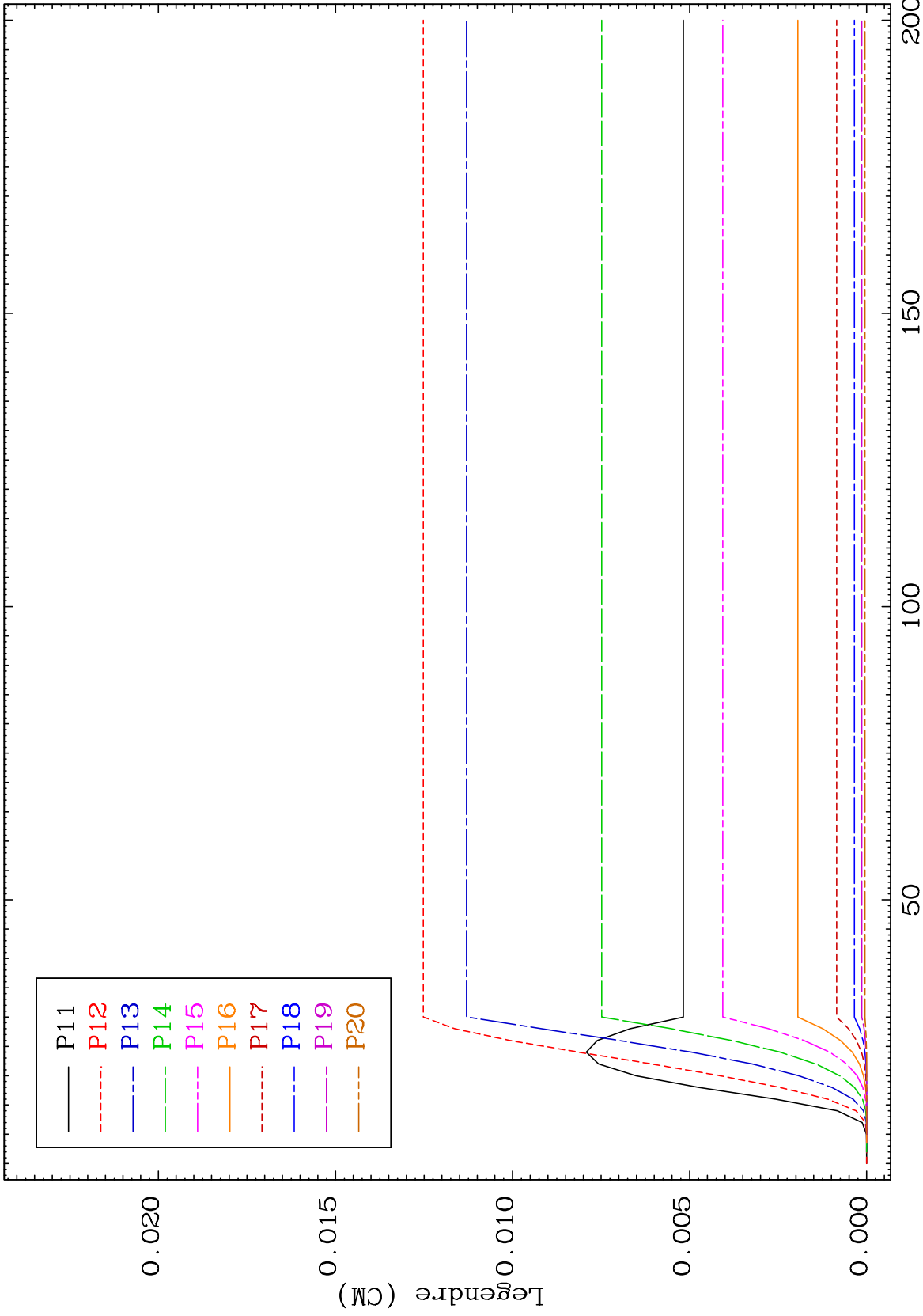
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



35

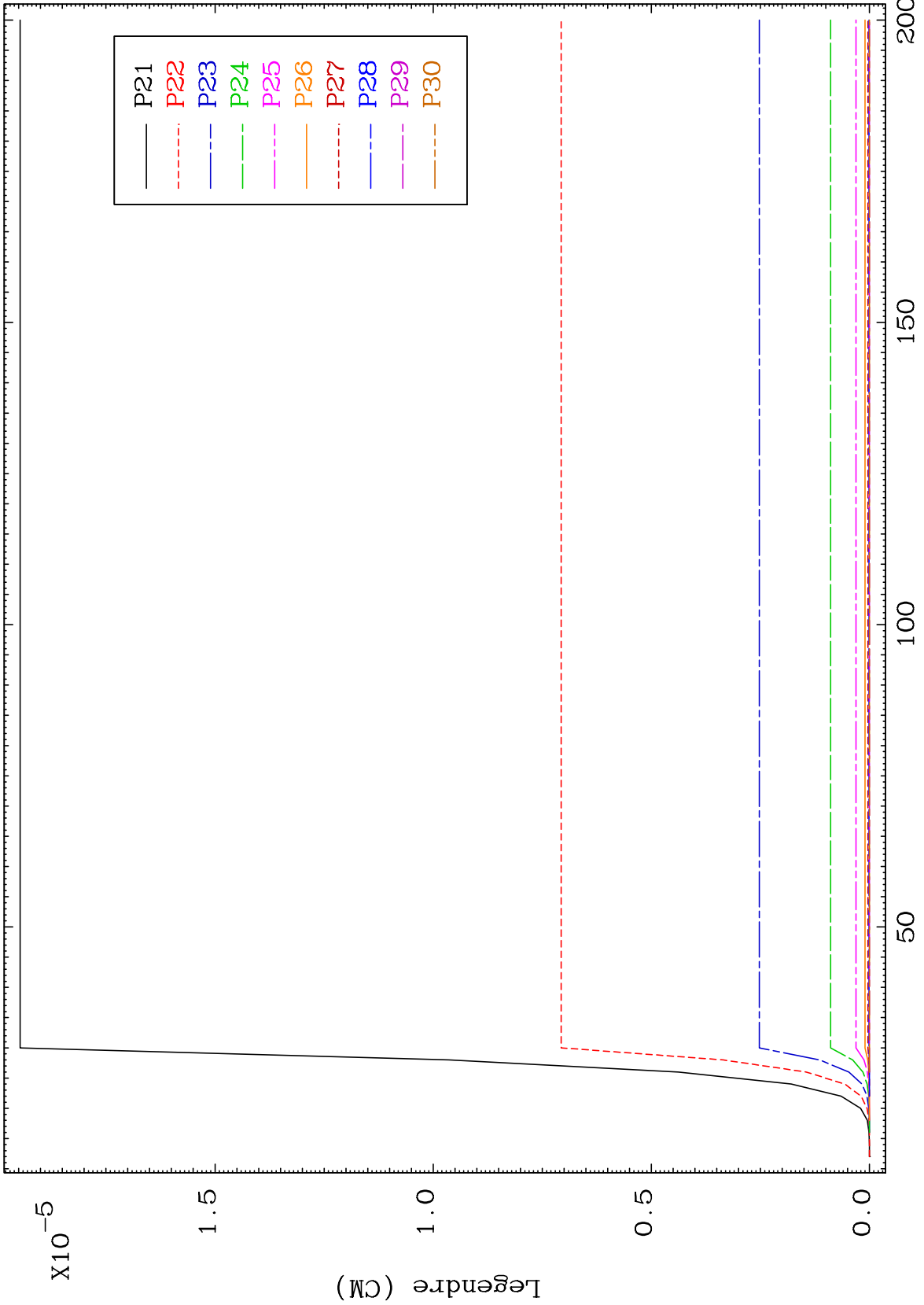
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



36

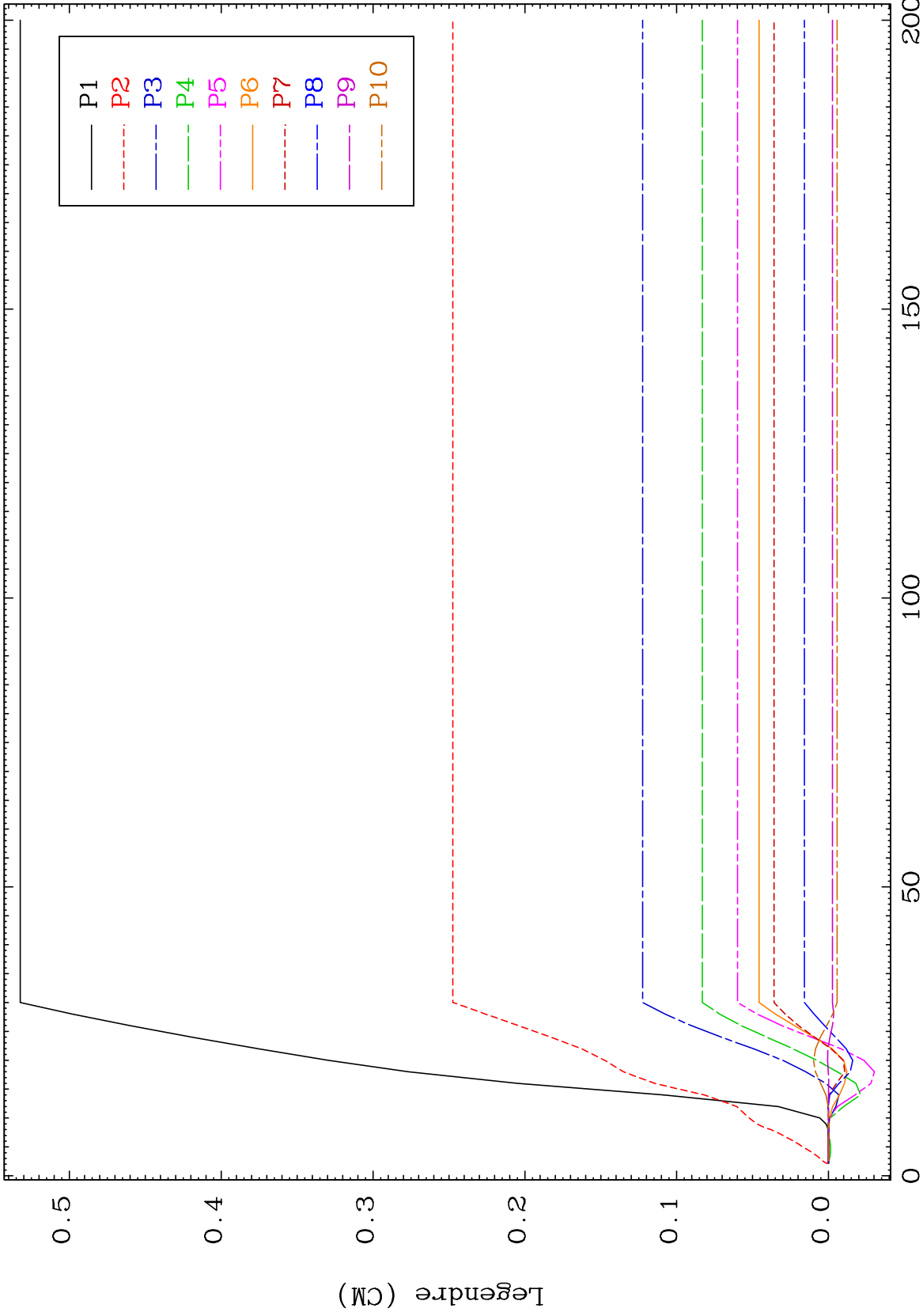
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

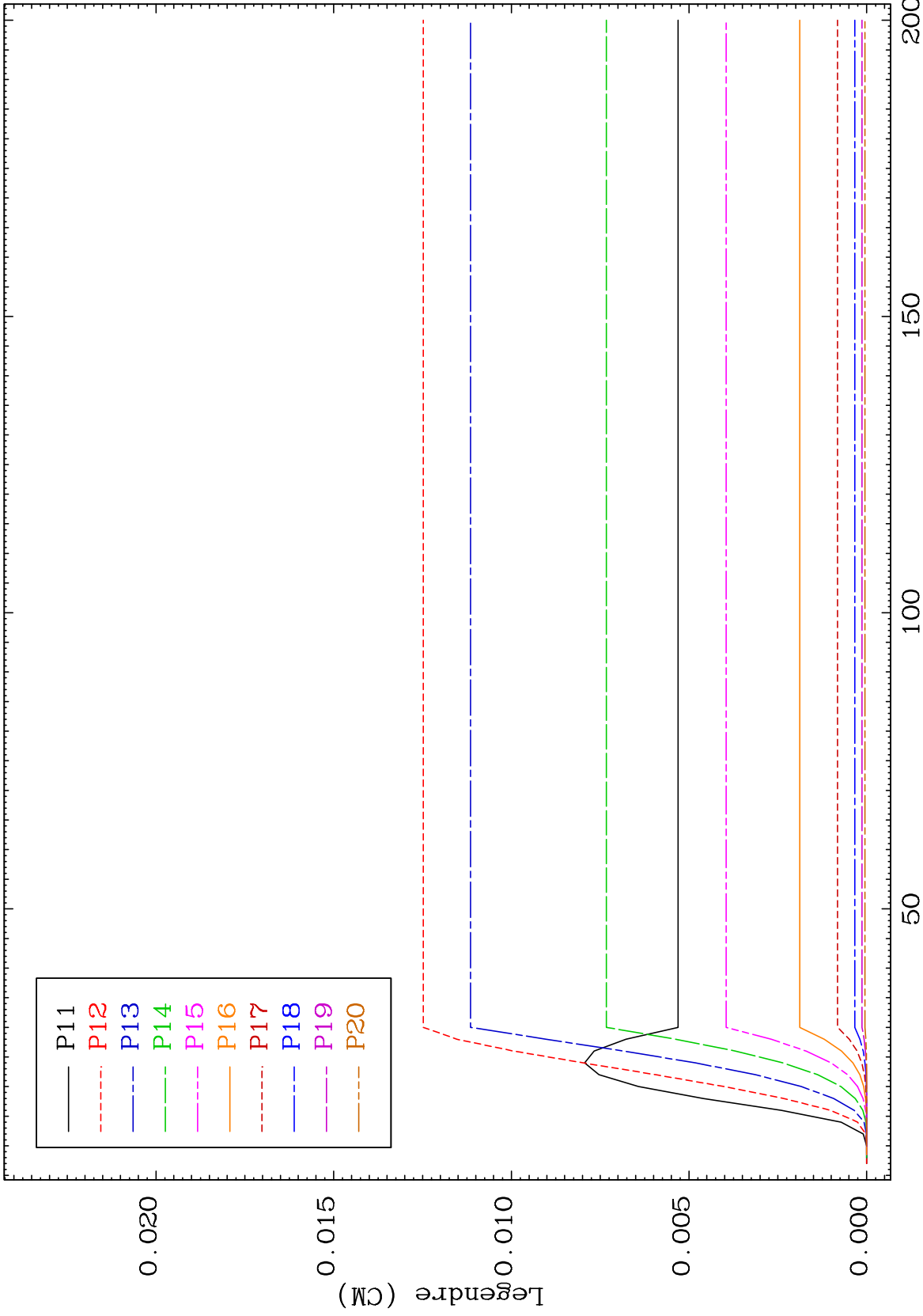
17-Cl-39



37

Incident Energy (MeV)

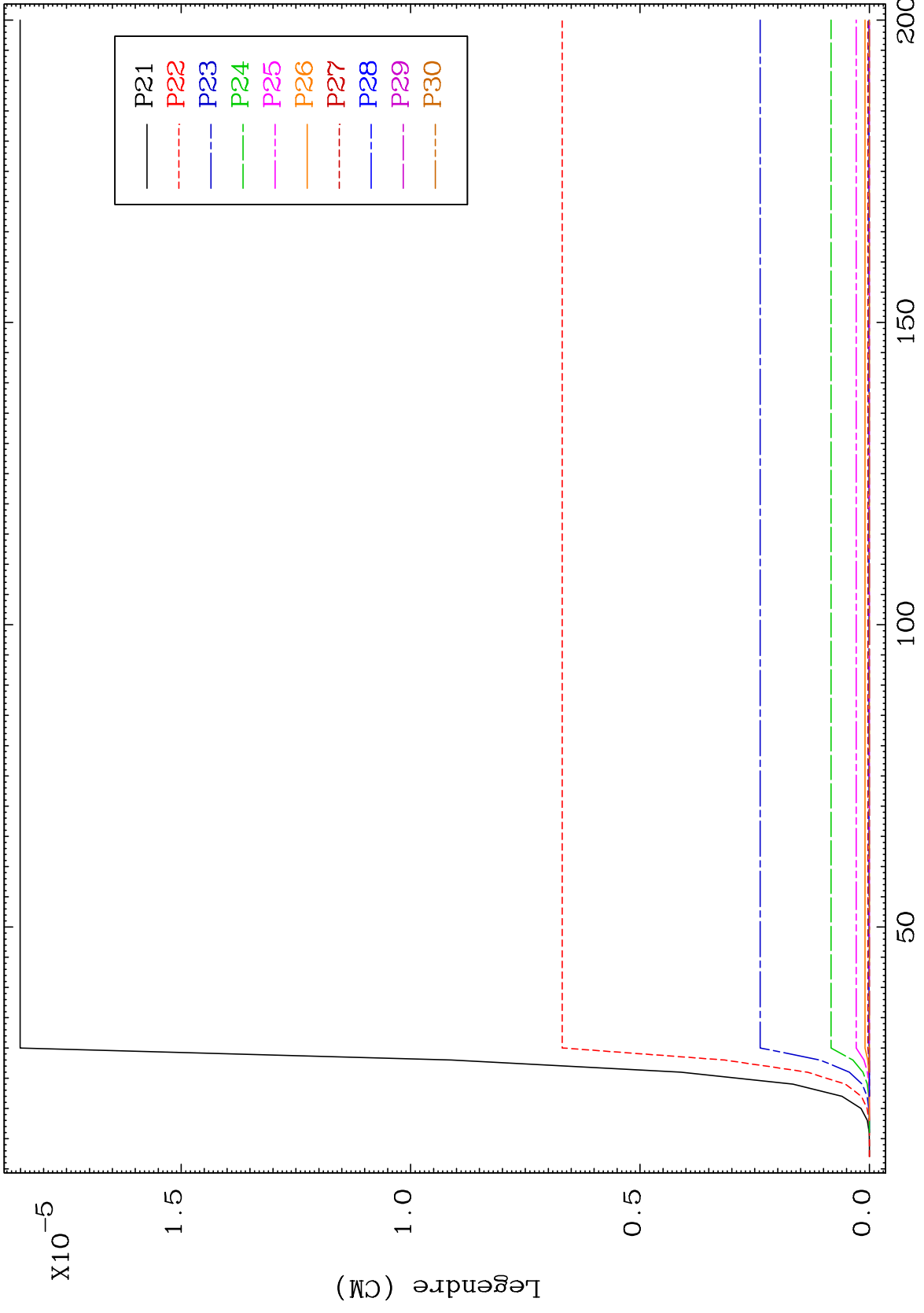
17-Cl-39



MAT 1737

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

17-Cl-39



39

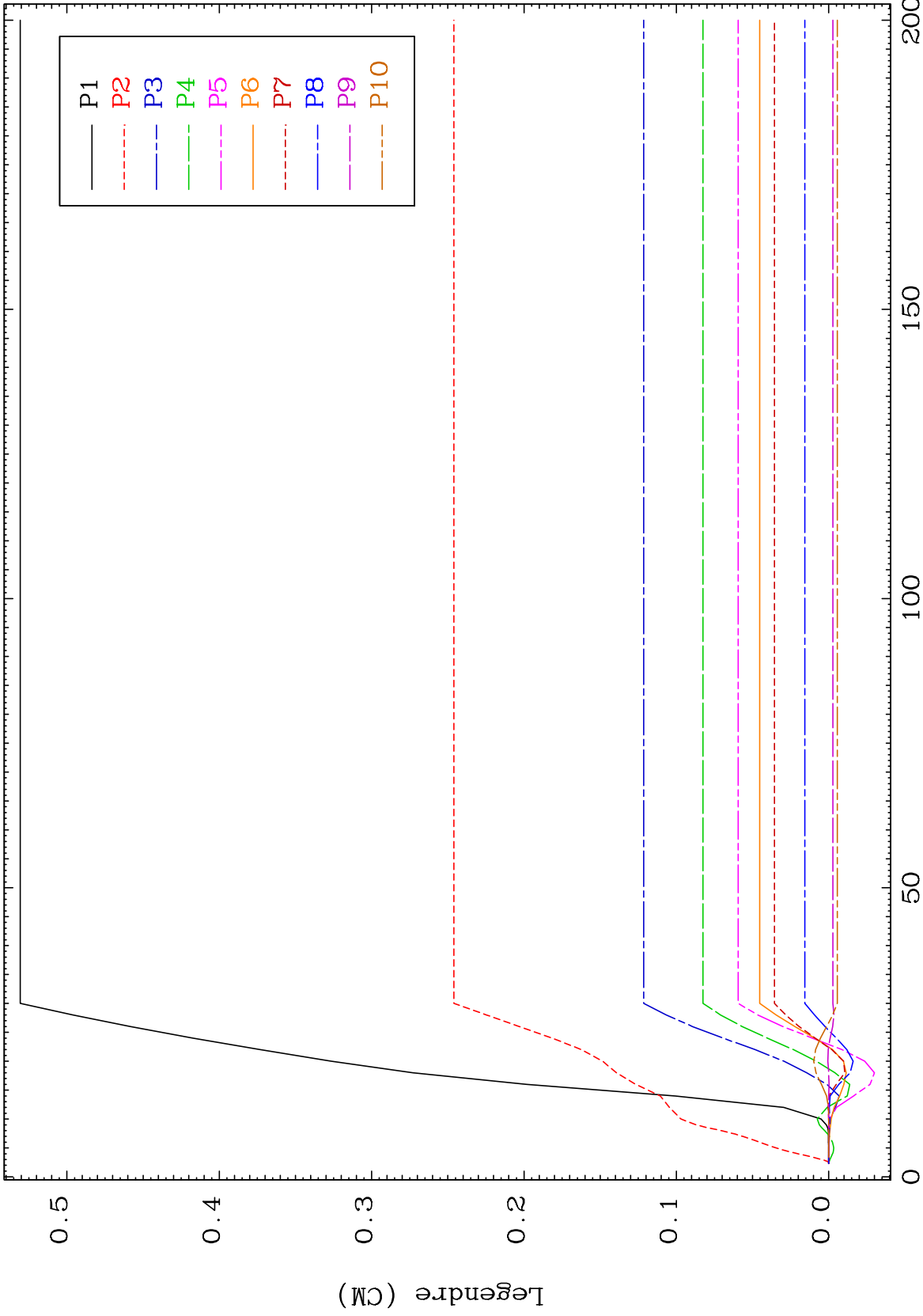
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

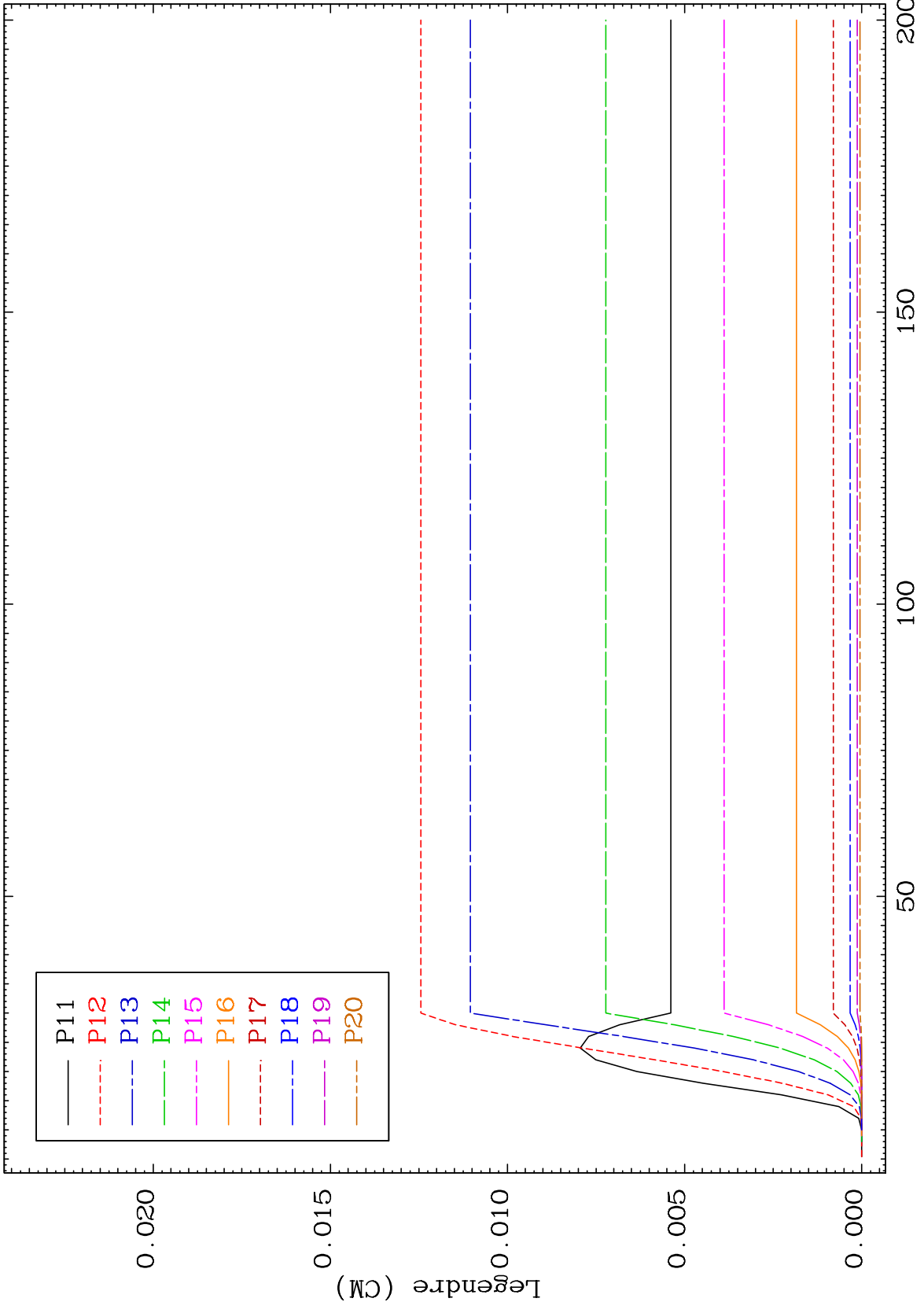
17-Cl-39



40

Incident Energy (MeV)

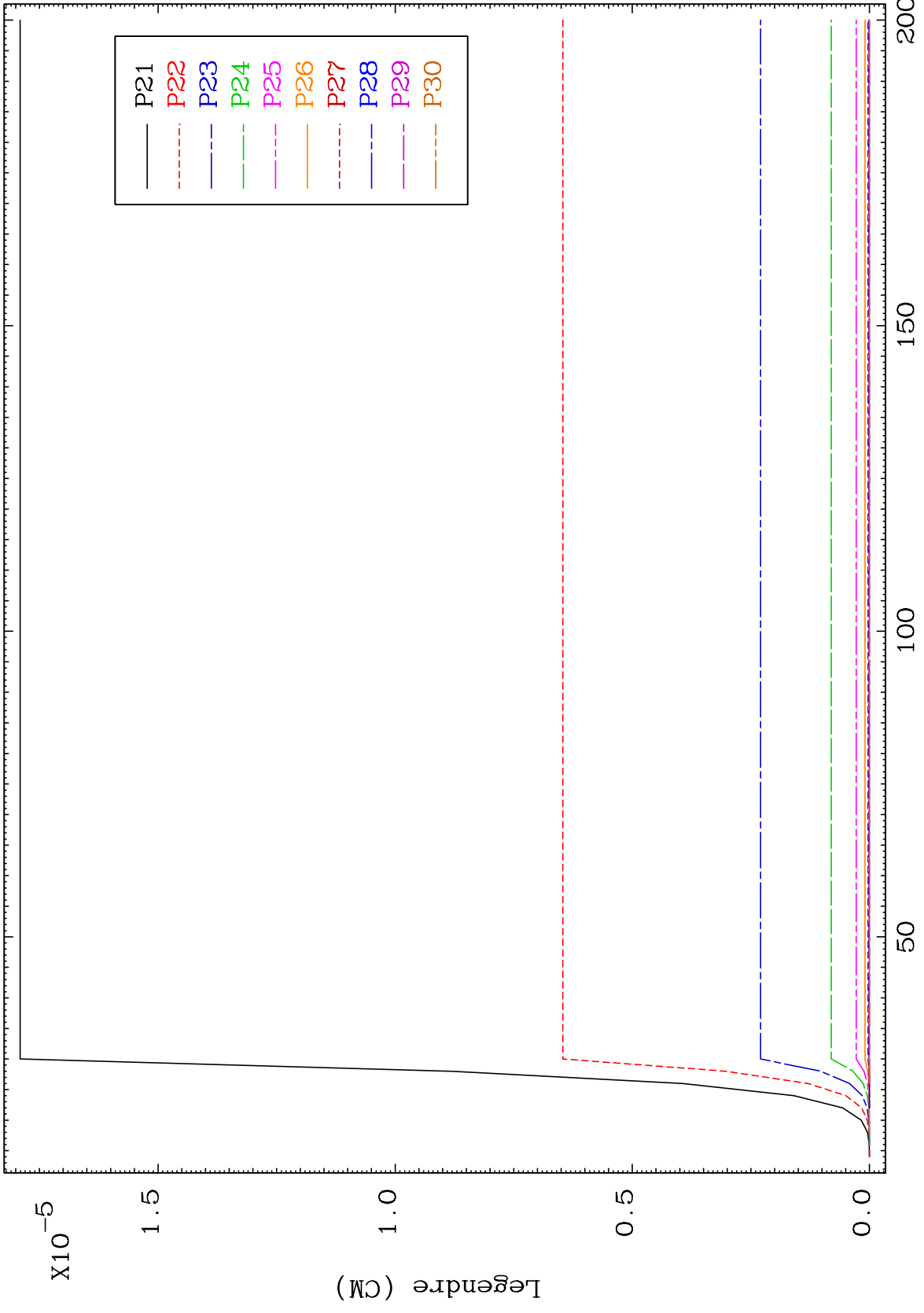
17-Cl-39



MAT 1737

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

17-Cl-39



42

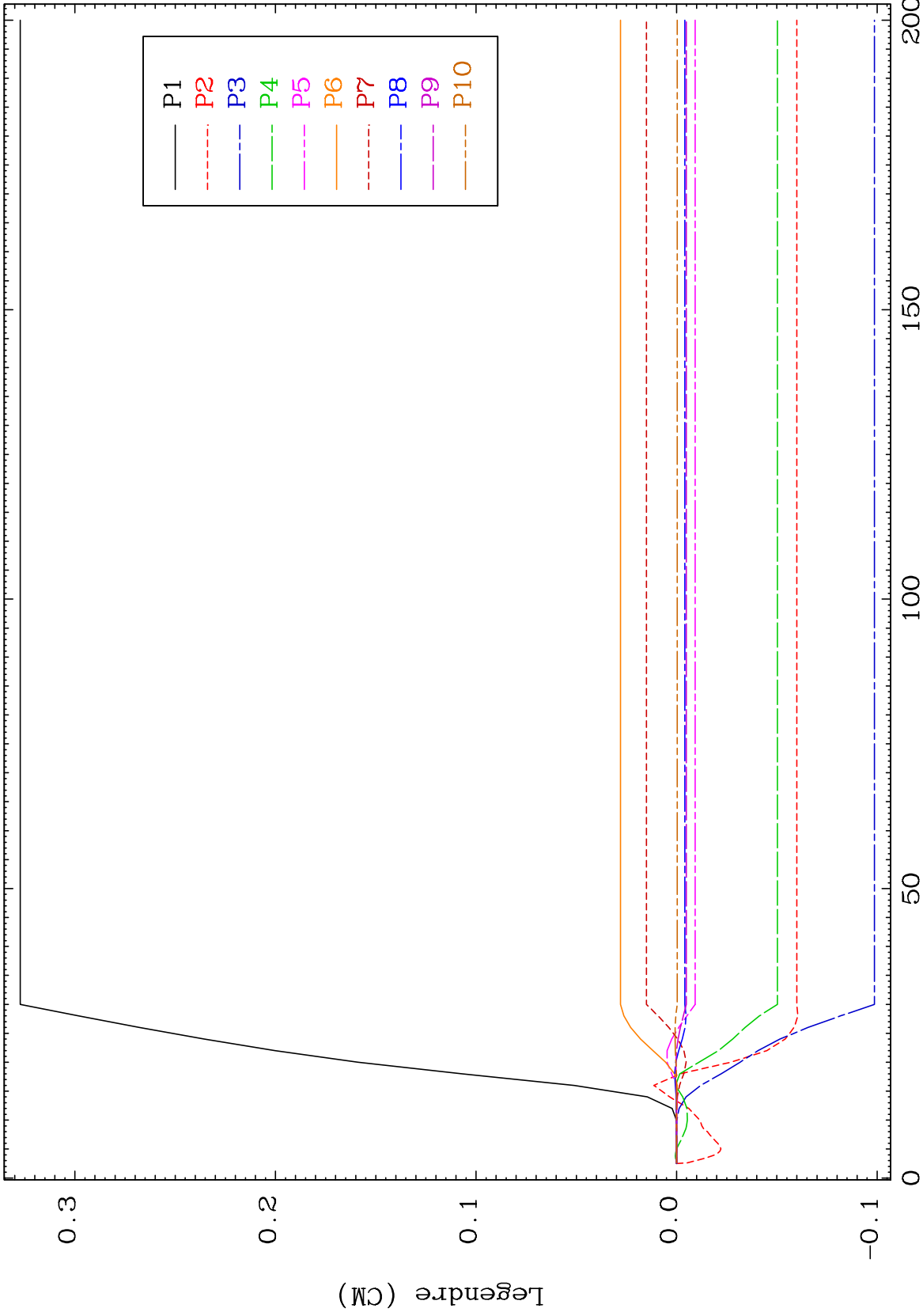
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



43

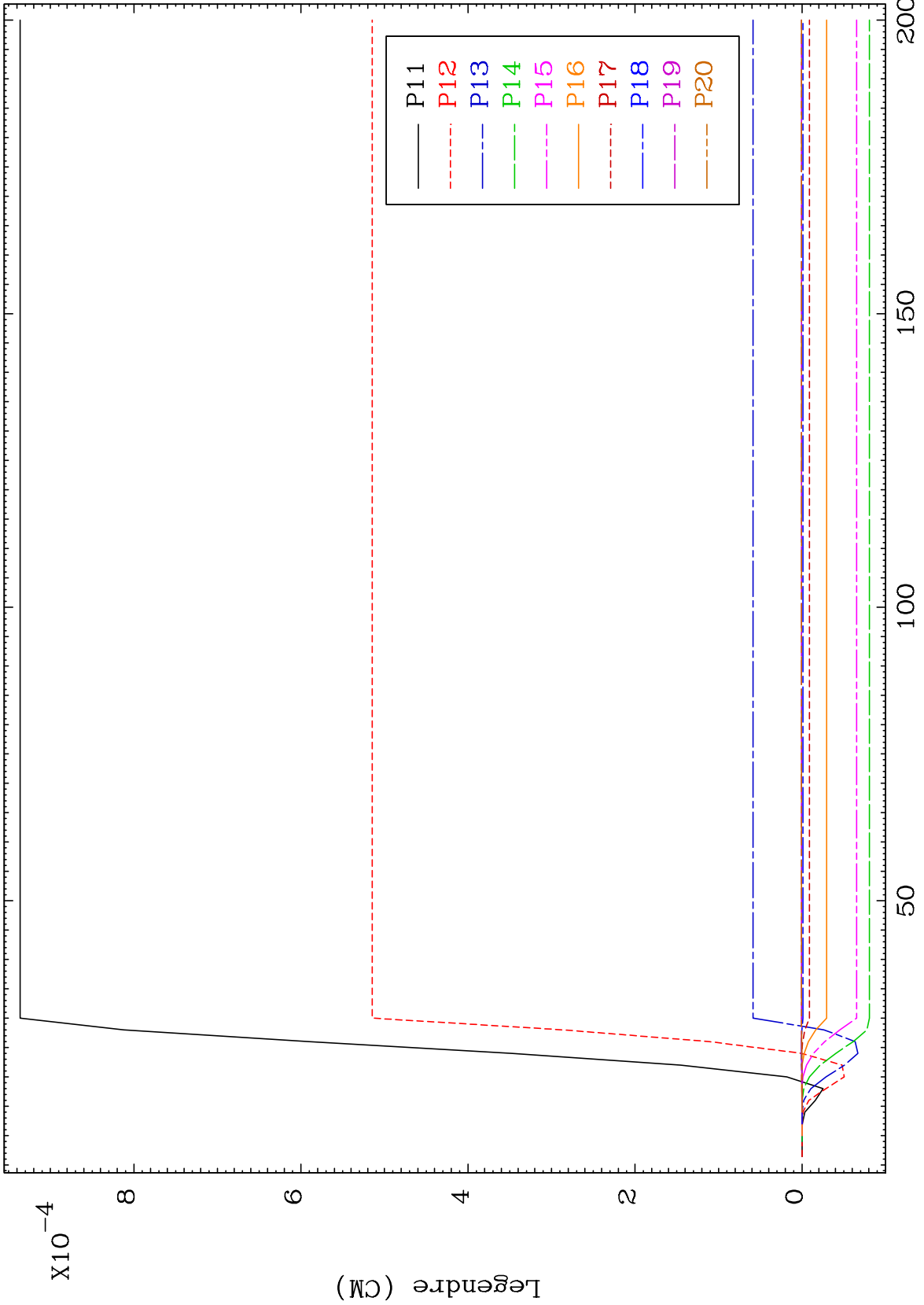
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



44

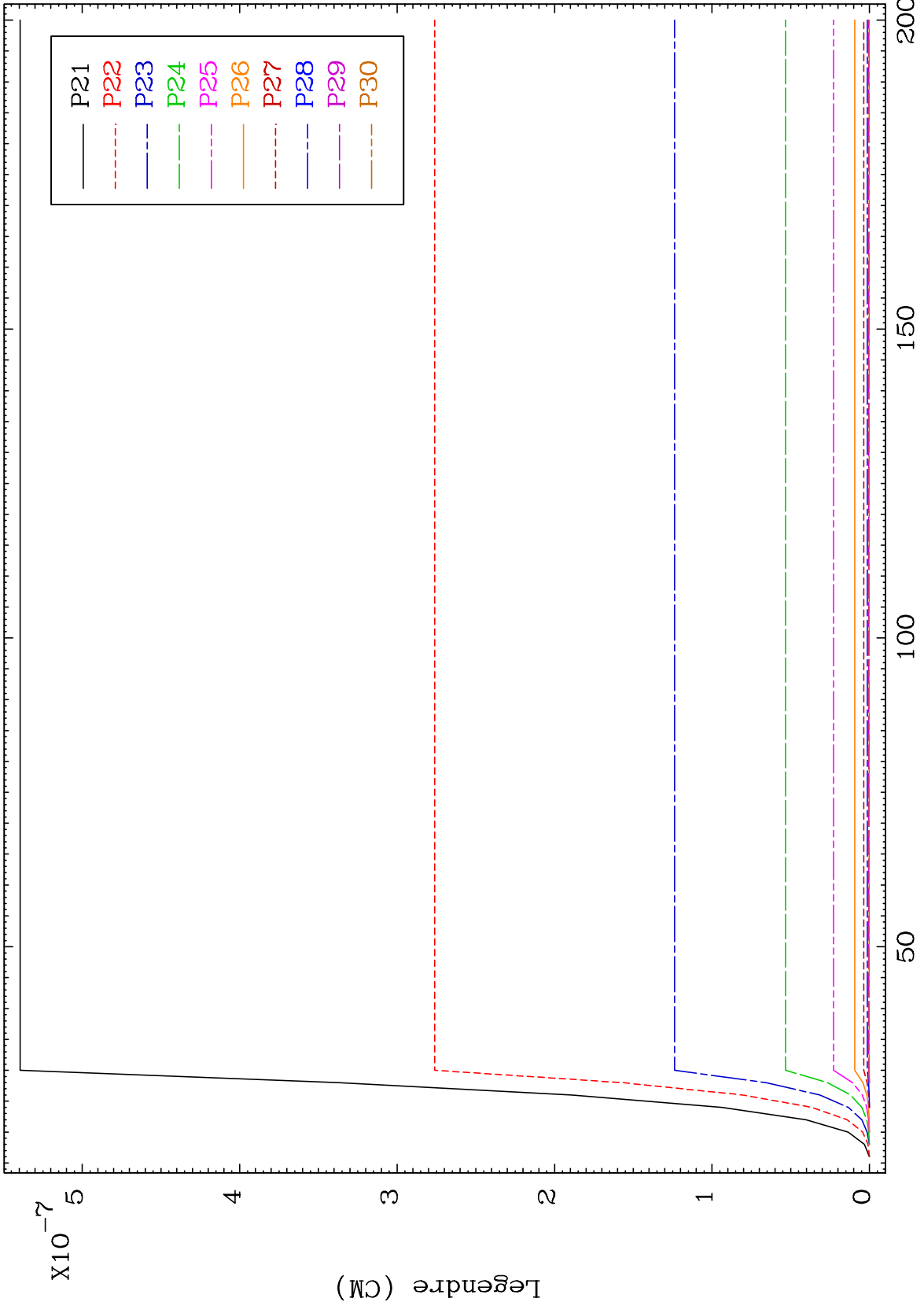
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



45

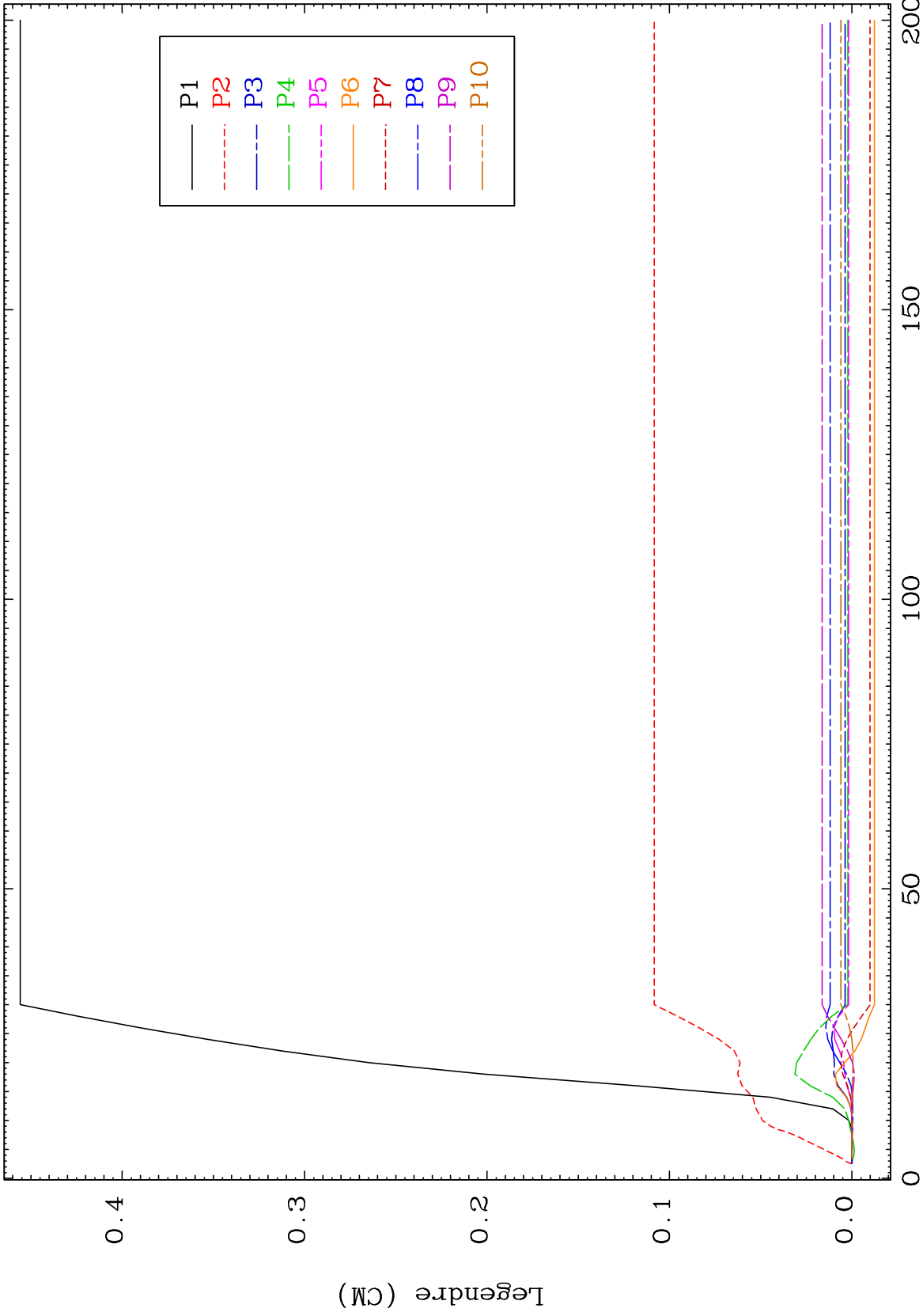
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



46

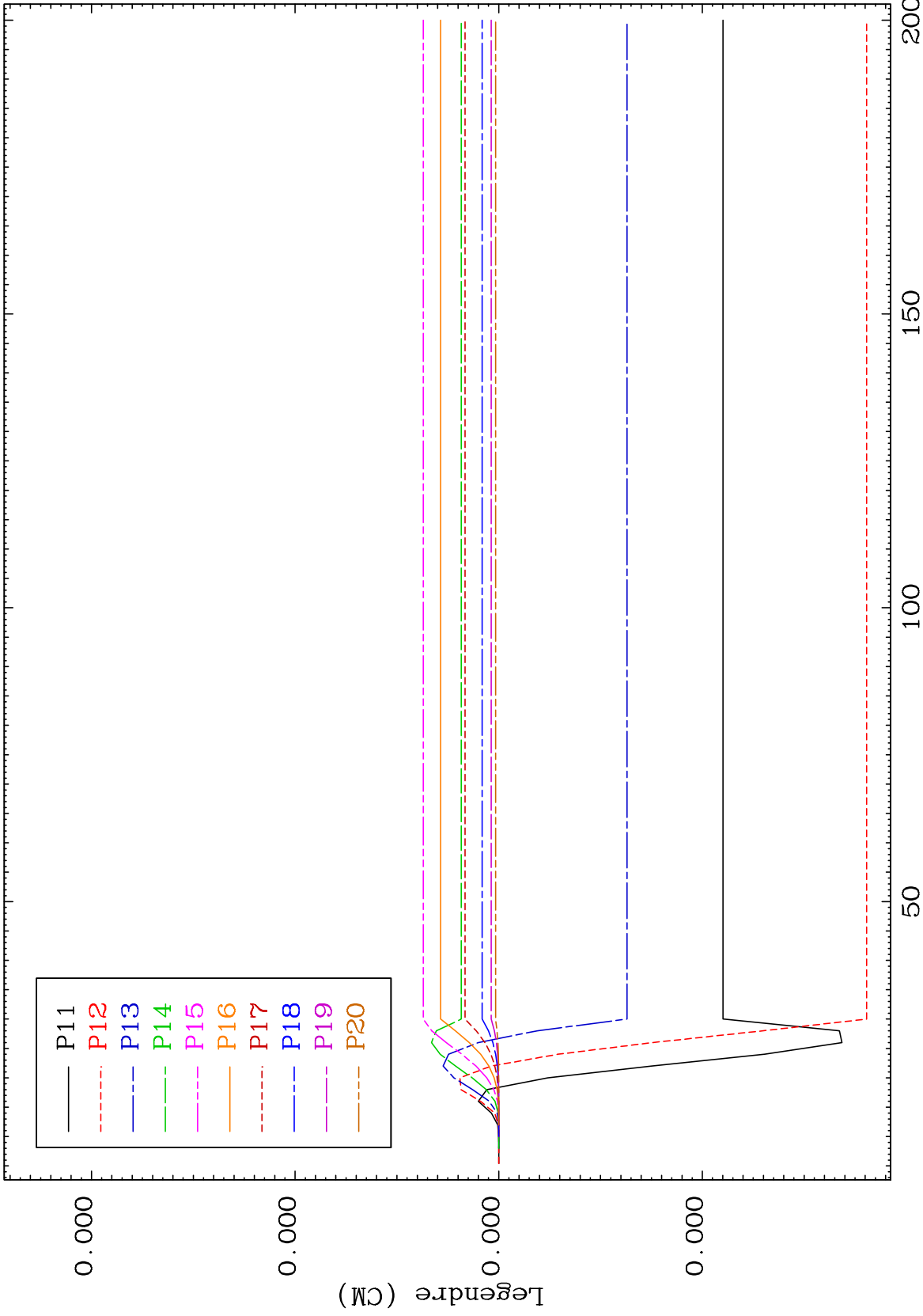
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



47

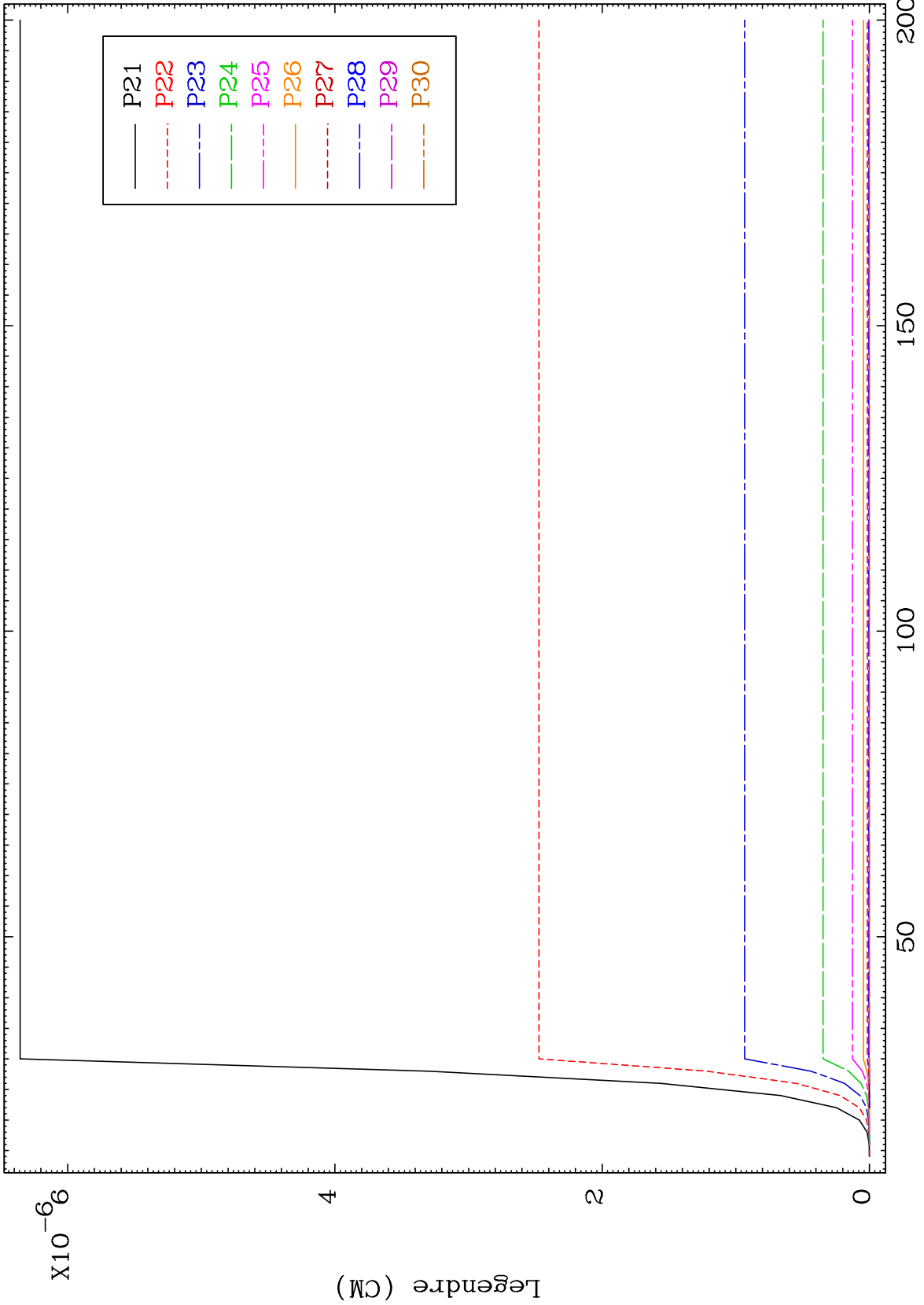
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



48

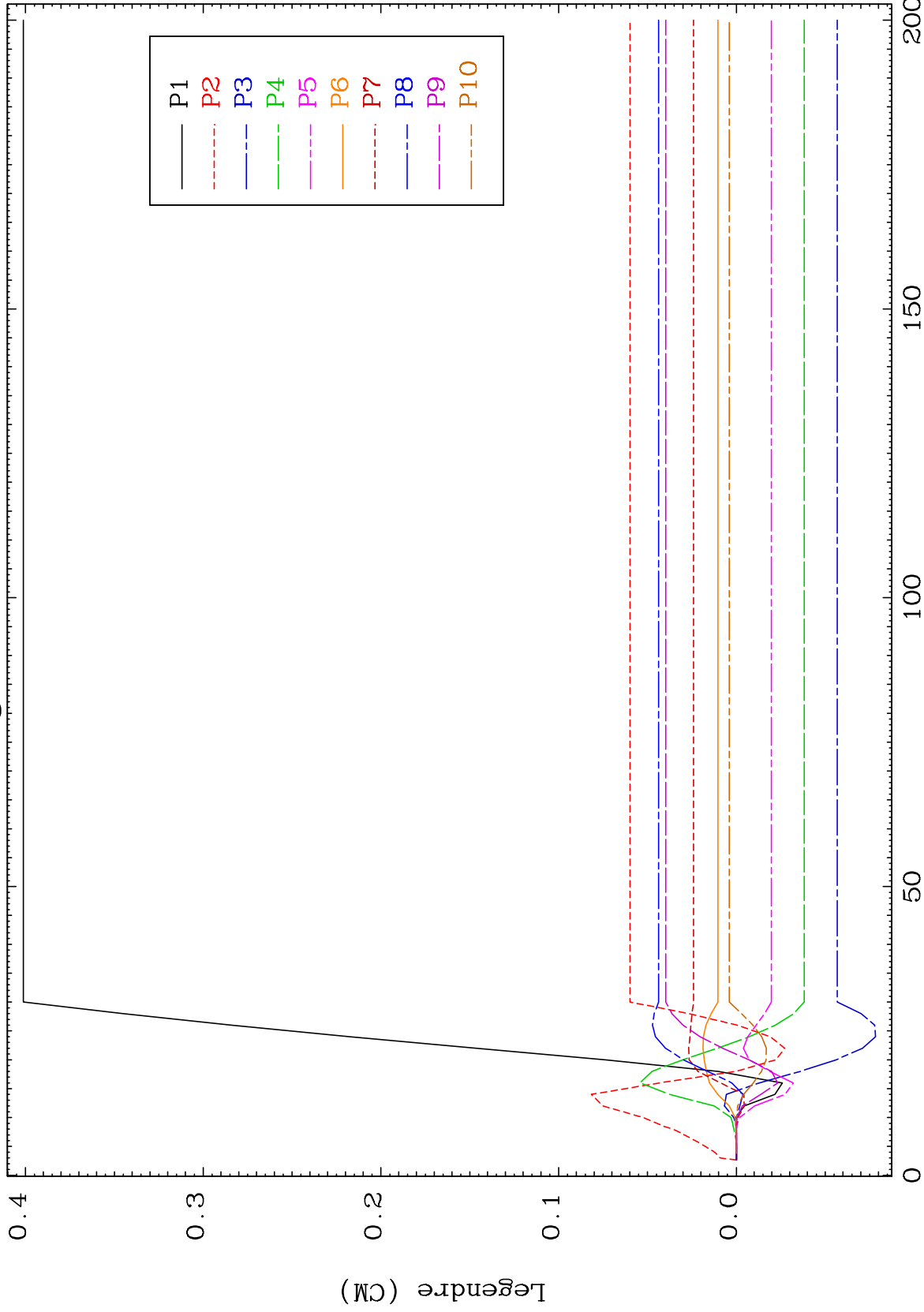
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



49

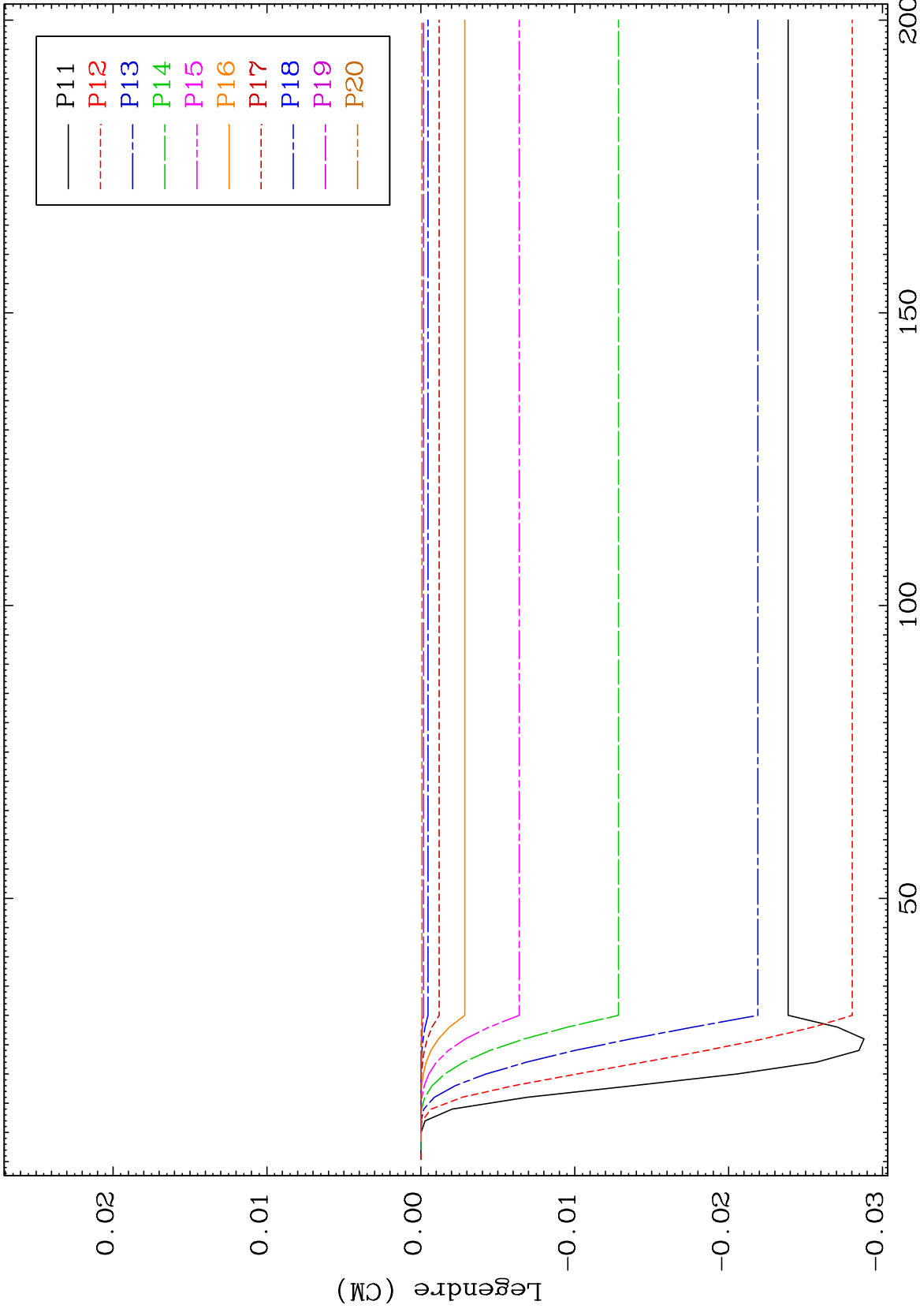
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



50

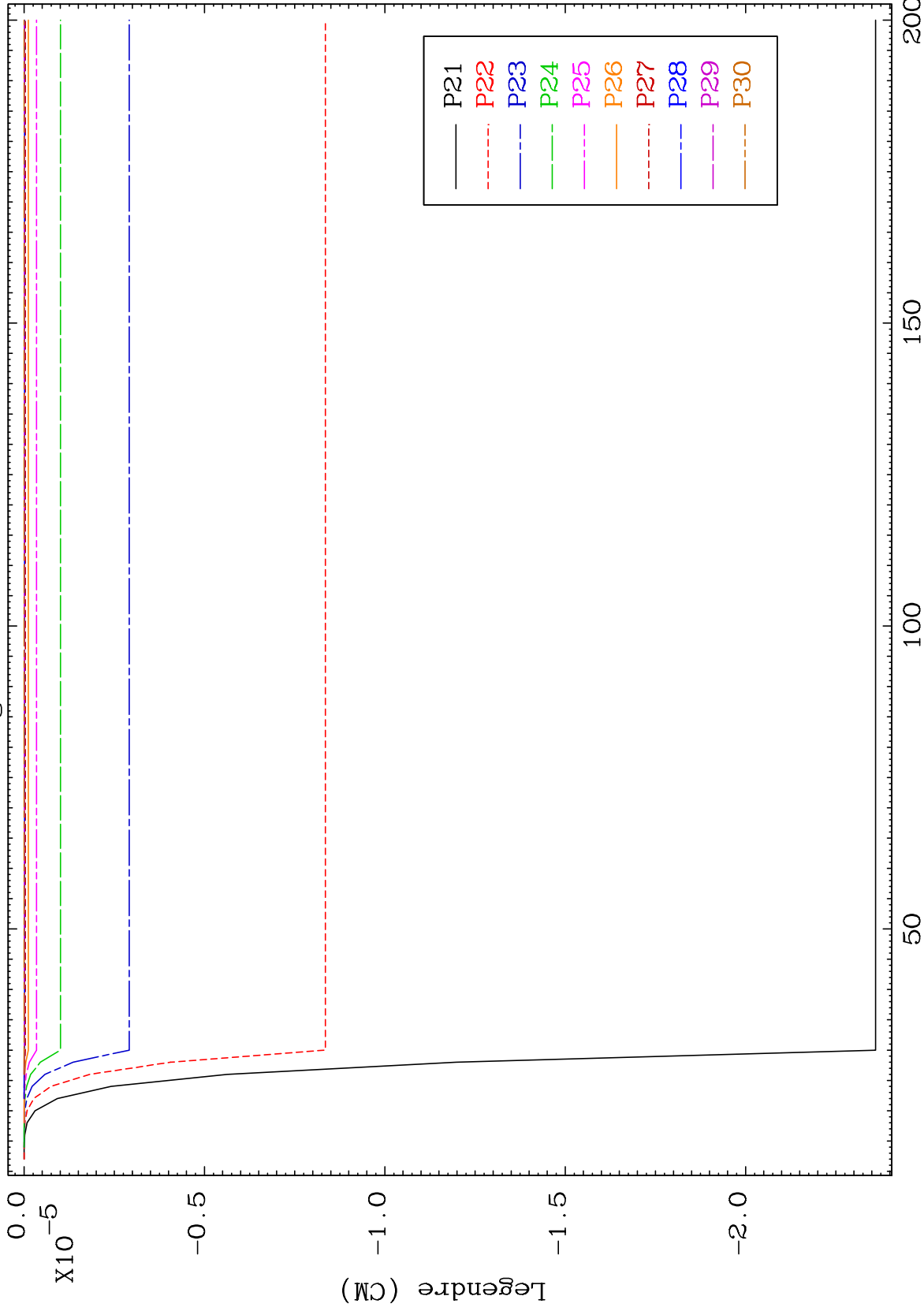
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



17-Cl-39

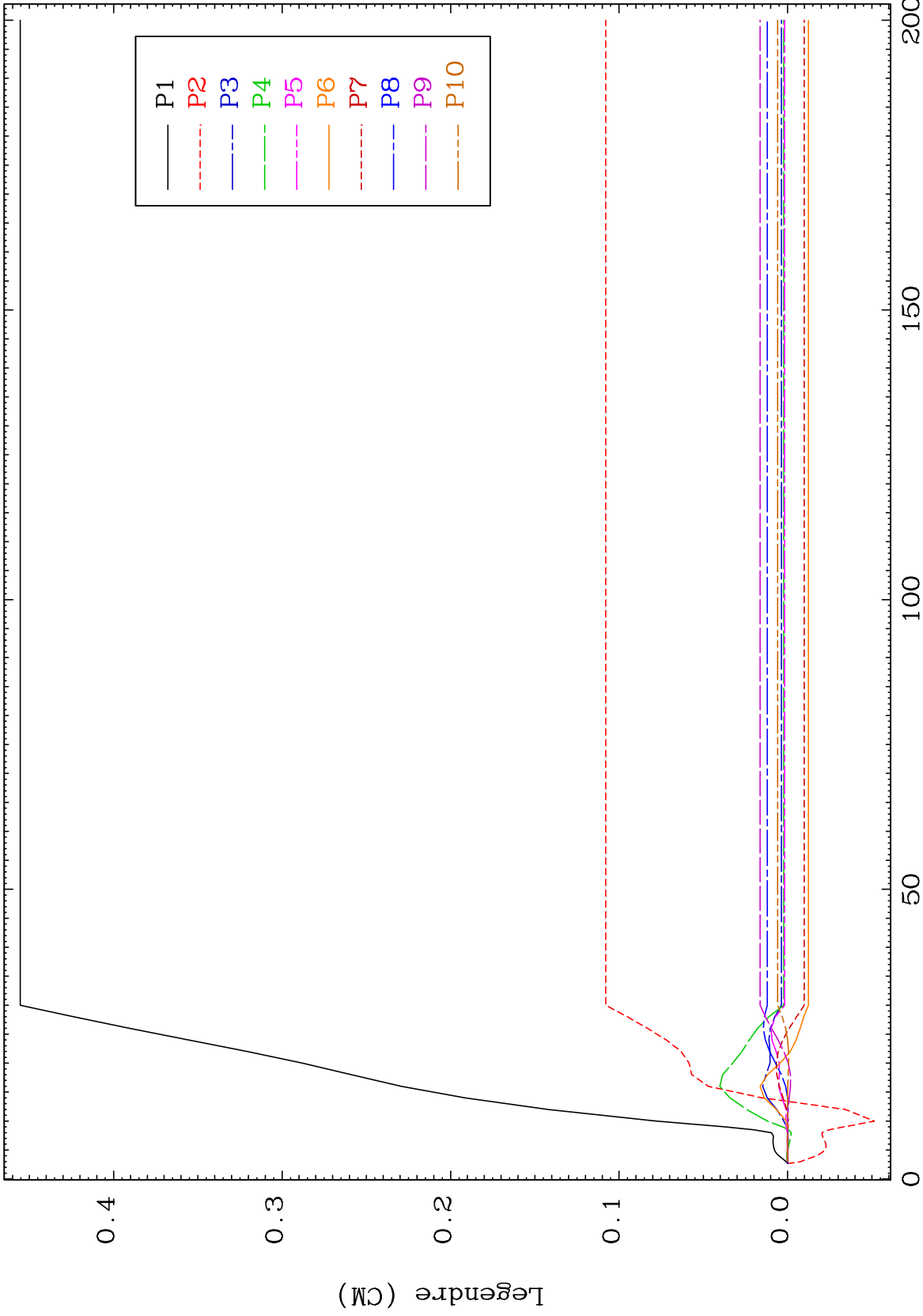
Incident Energy (MeV)

51

MAT 1737

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

17-Cl-39



52

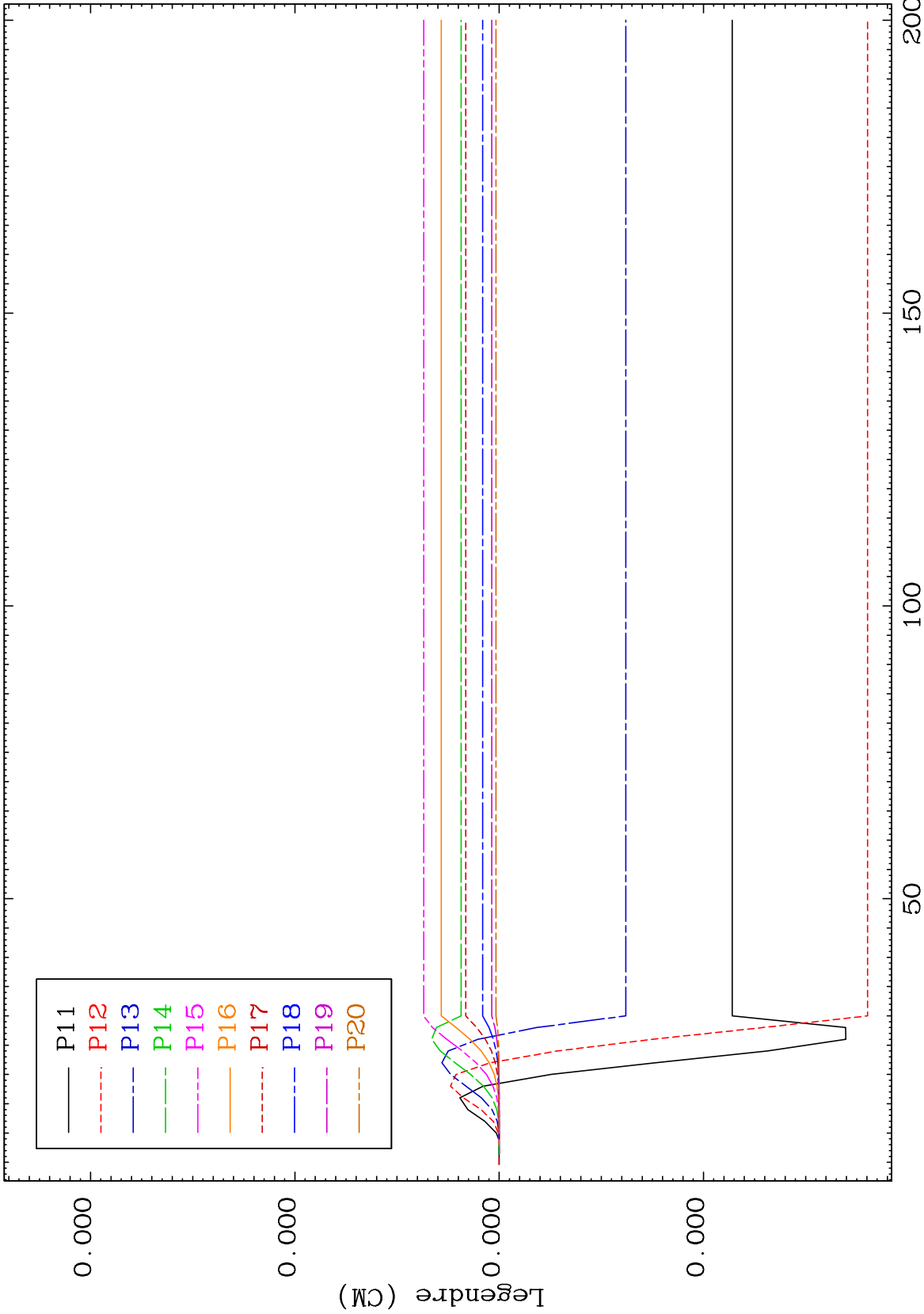
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



53

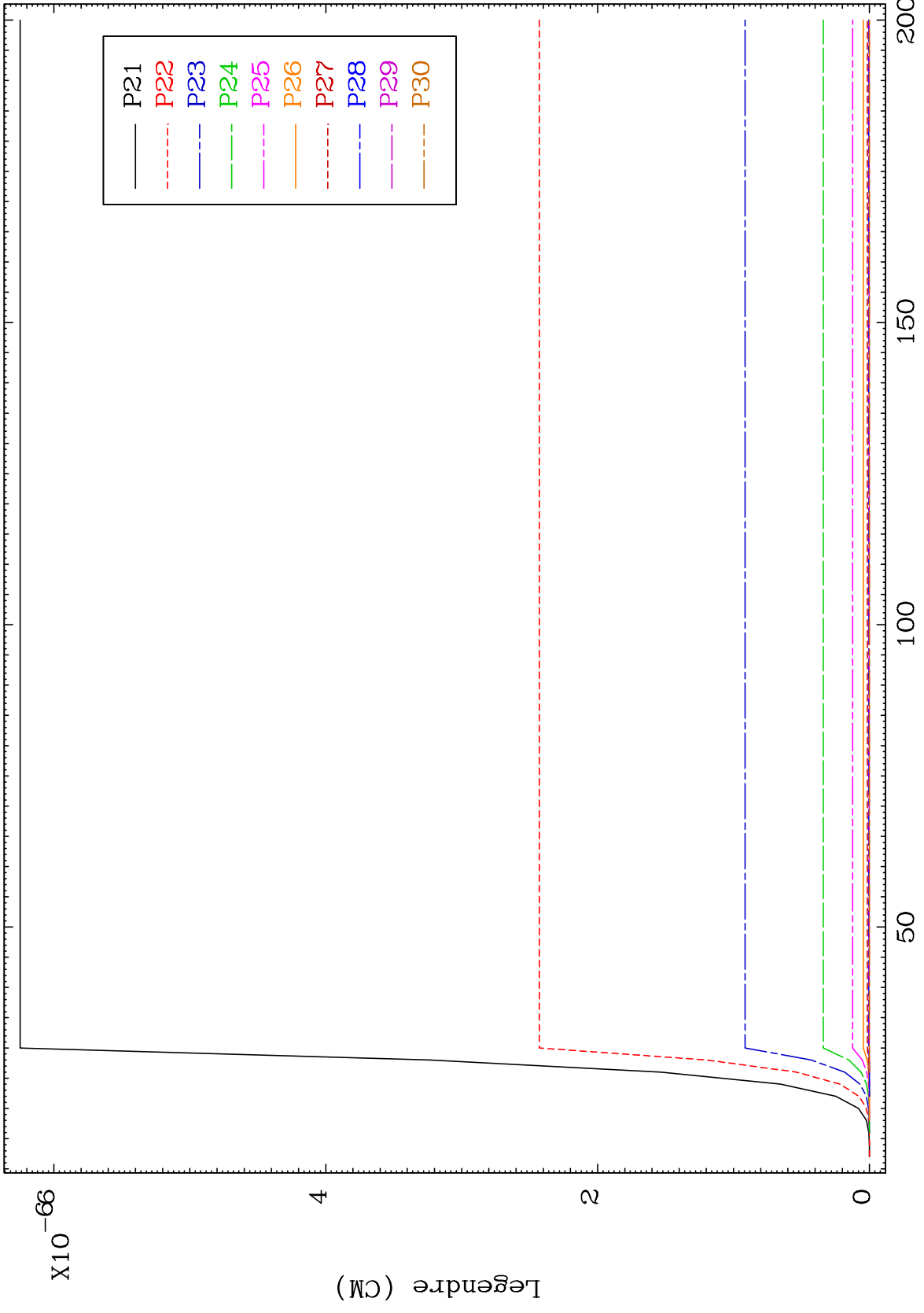
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



54

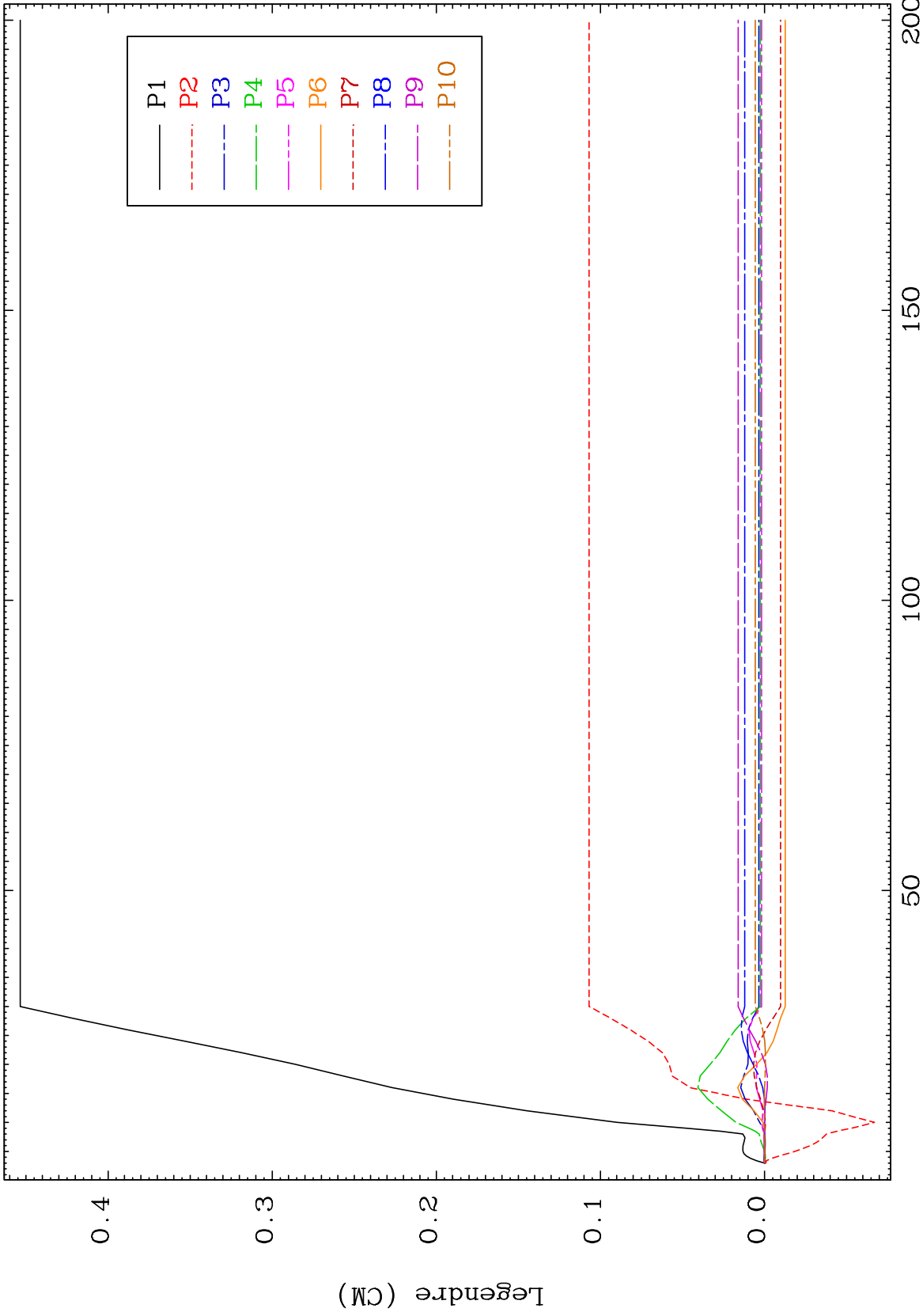
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



55

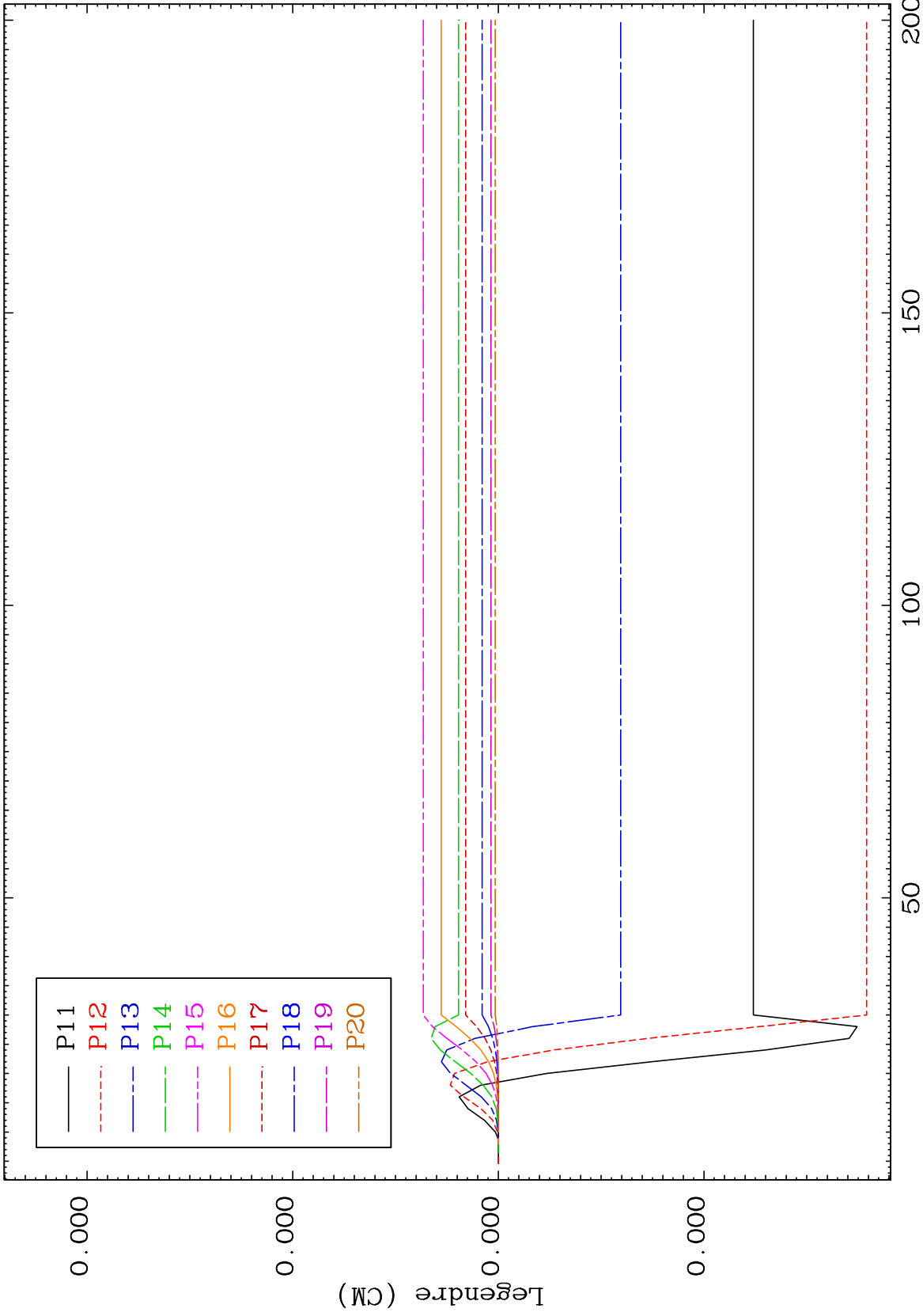
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



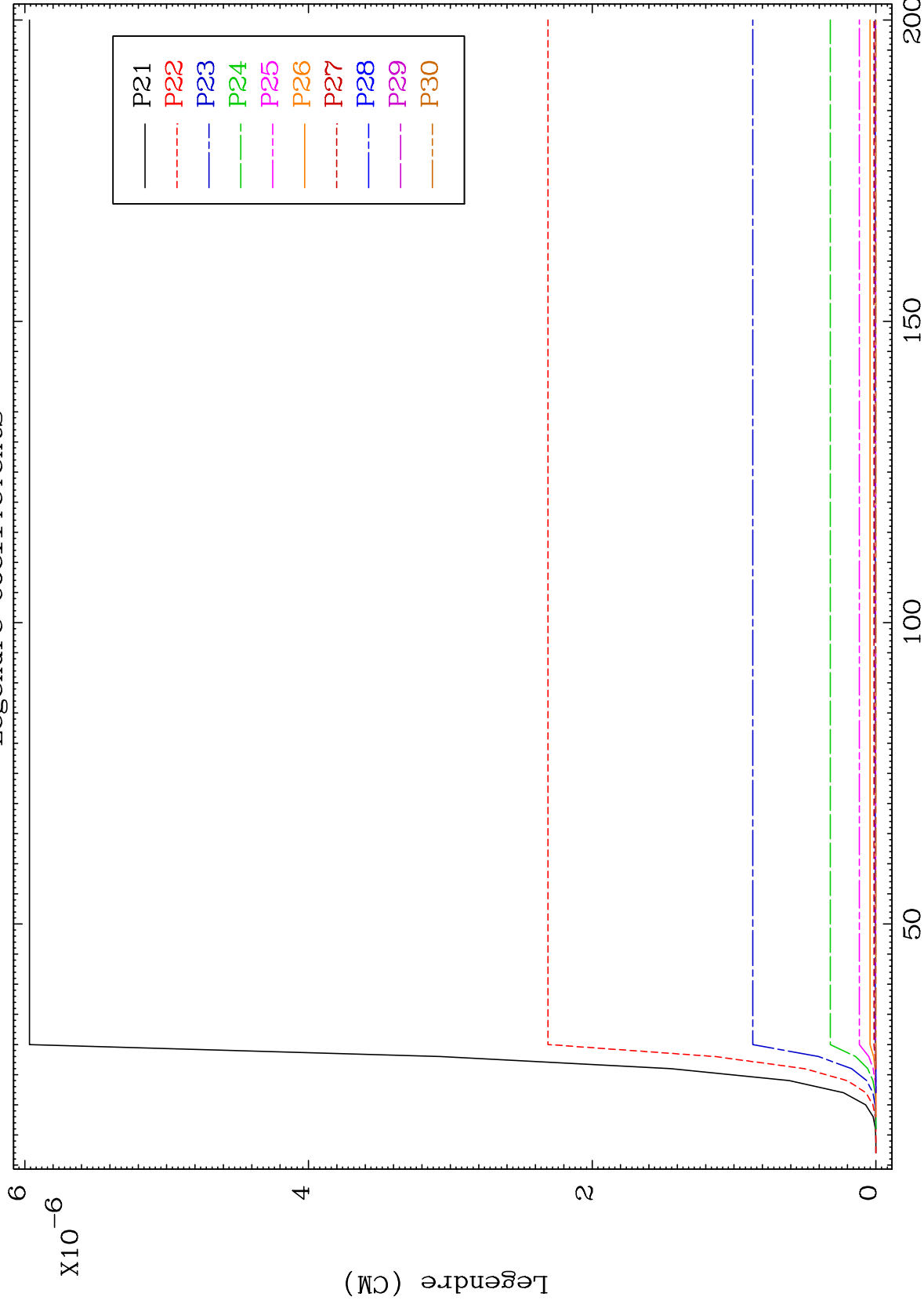
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17-Cl-39

MAT 1737

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

17-Cl-39



57

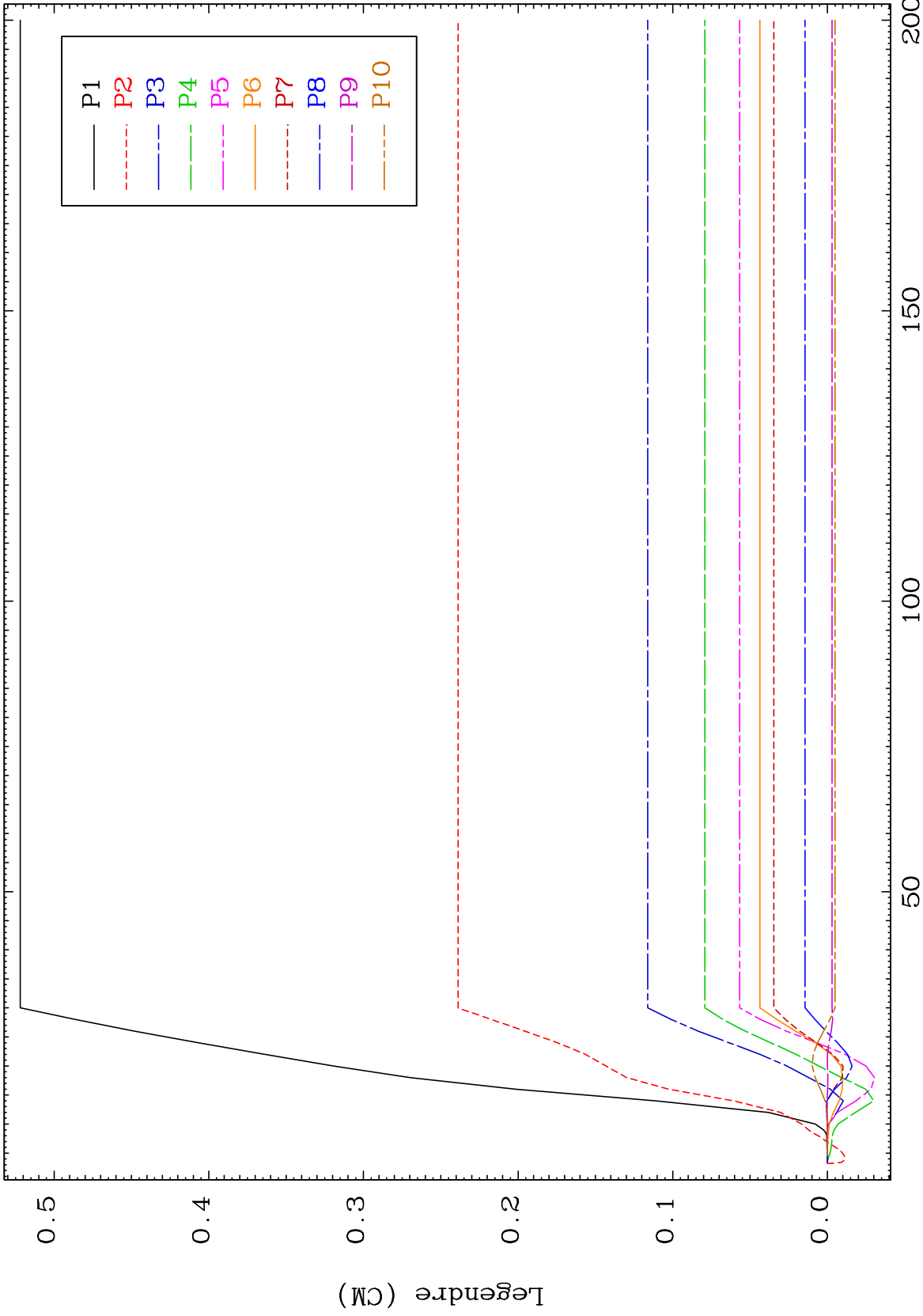
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



58

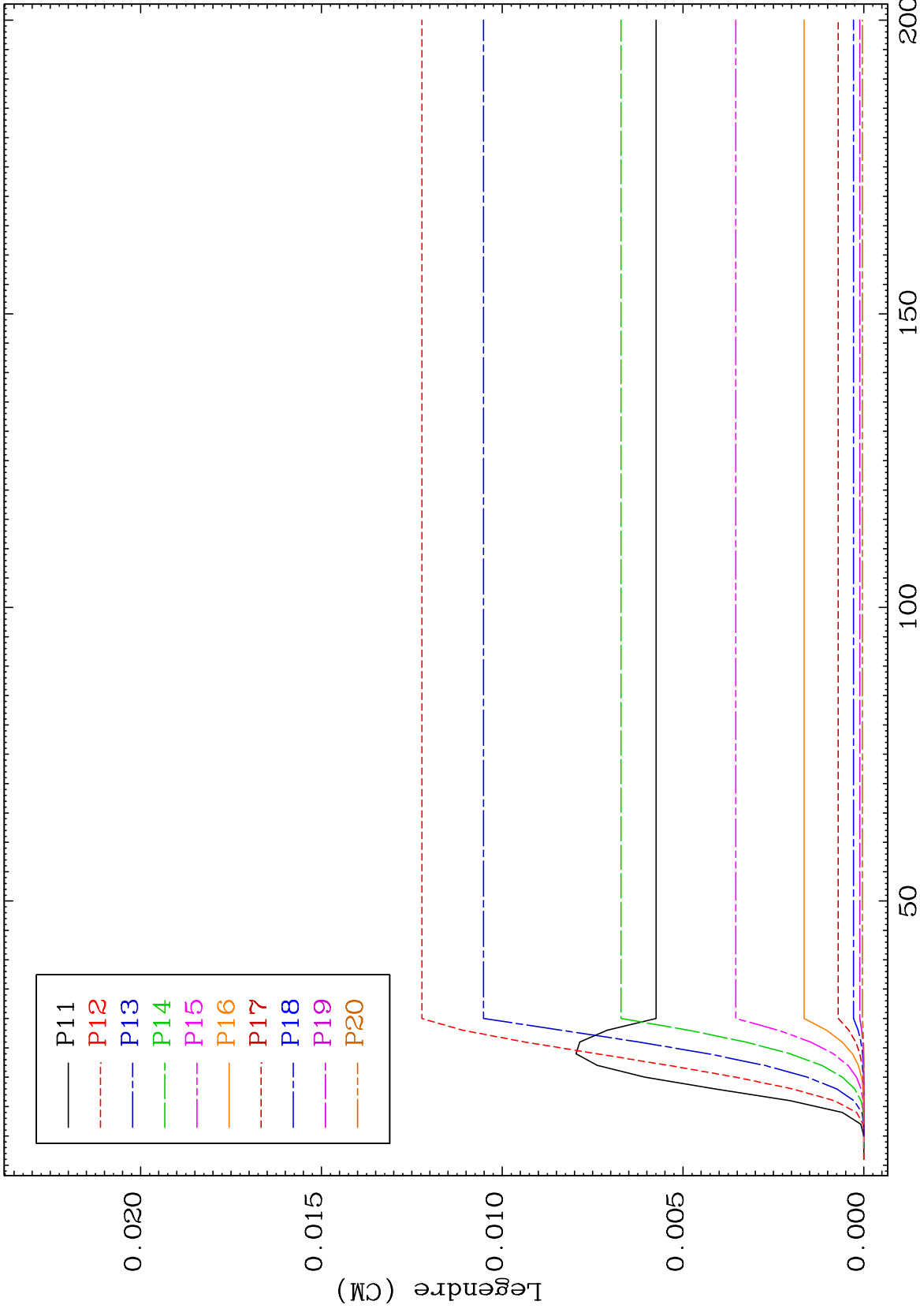
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



59

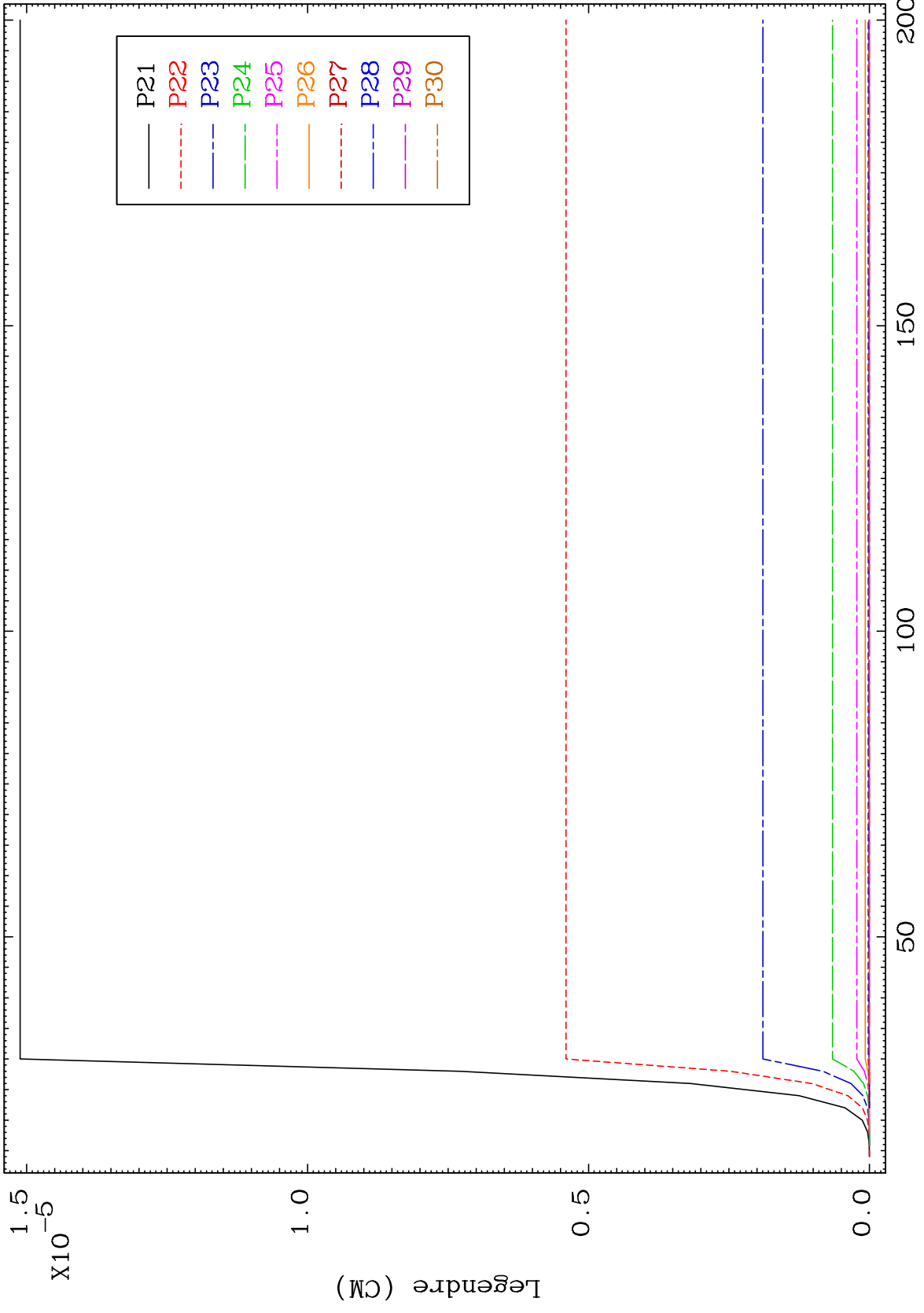
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



60

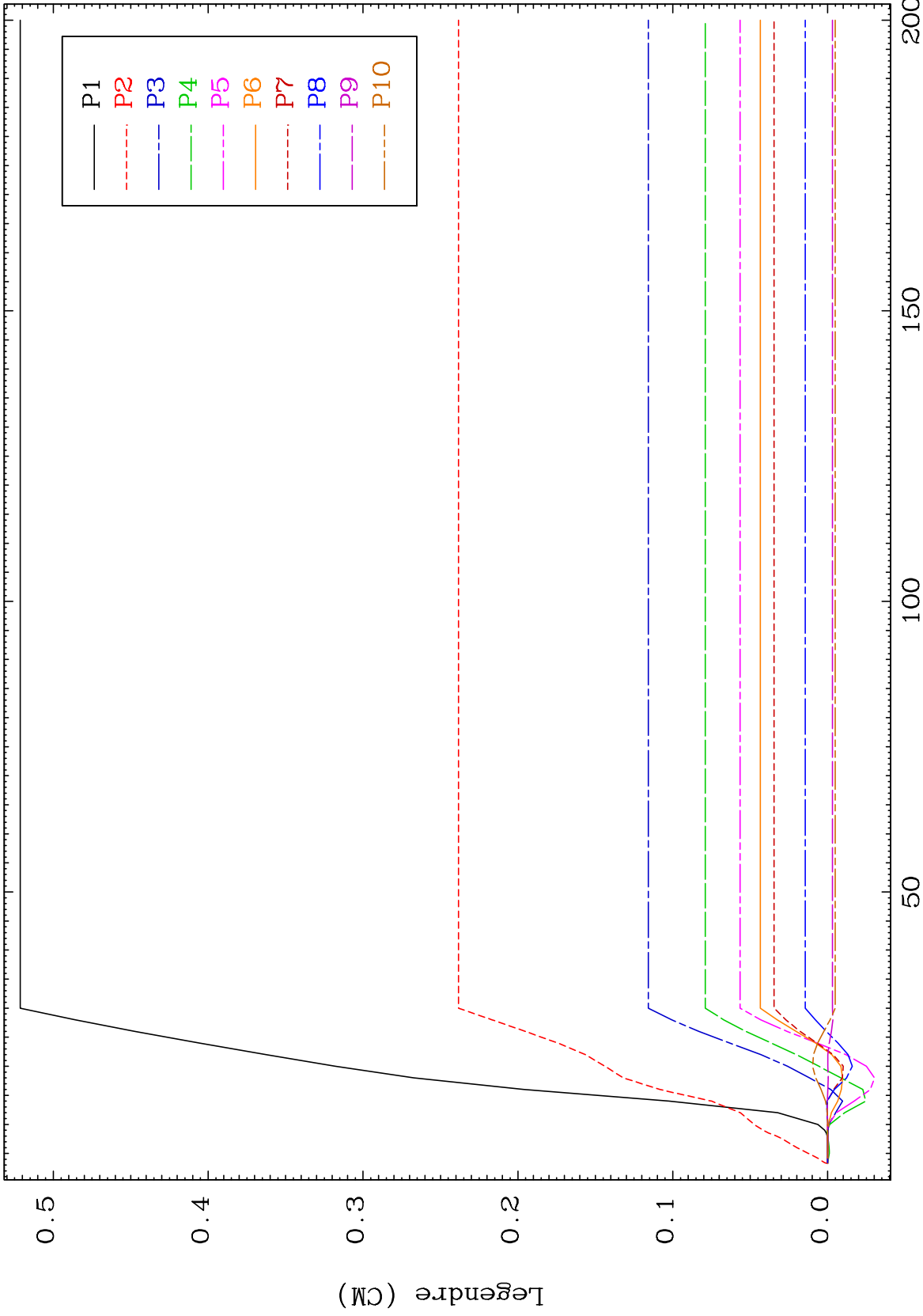
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



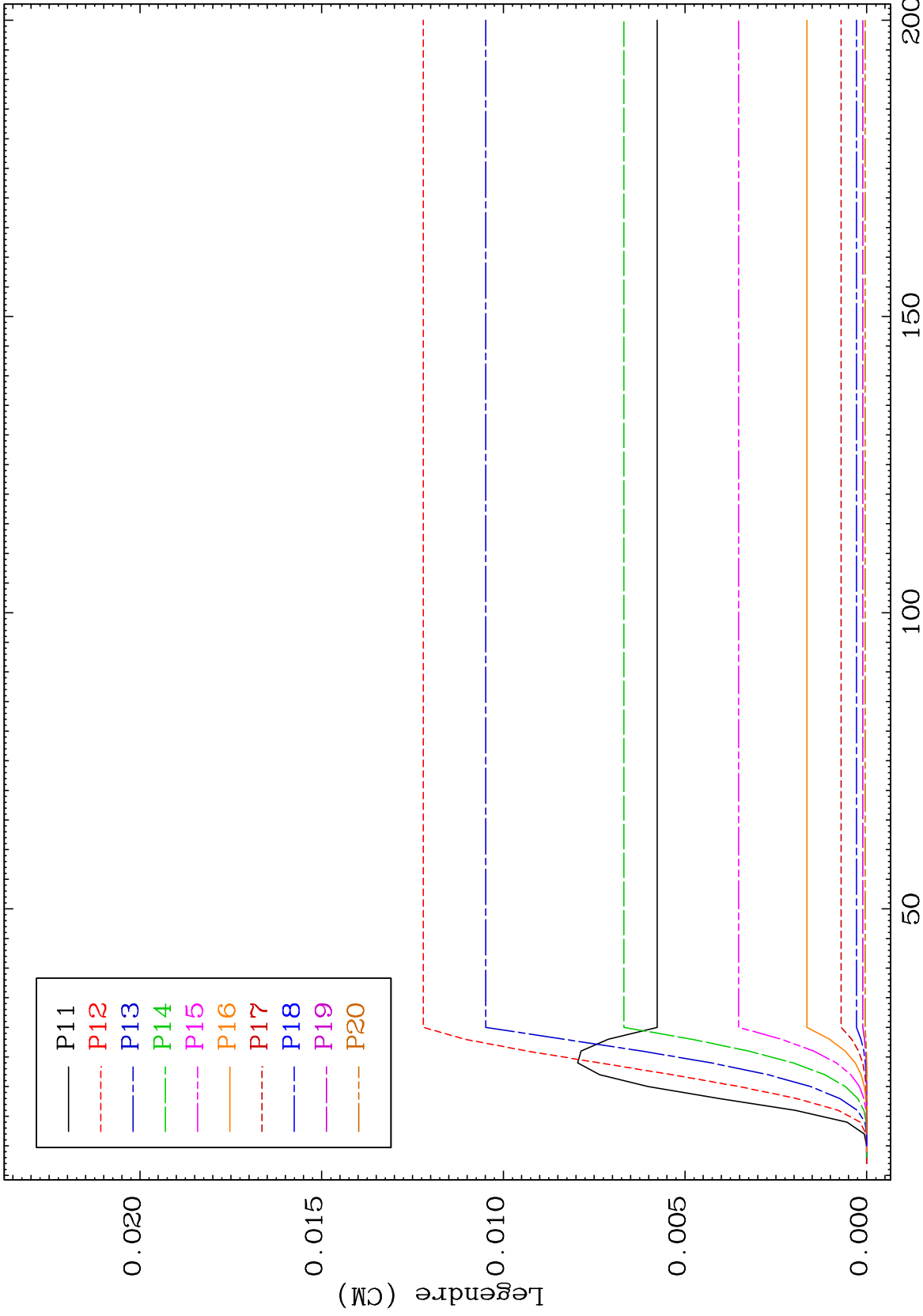
61

17-Cl-39

MAT 1737

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

17-Cl-39



62

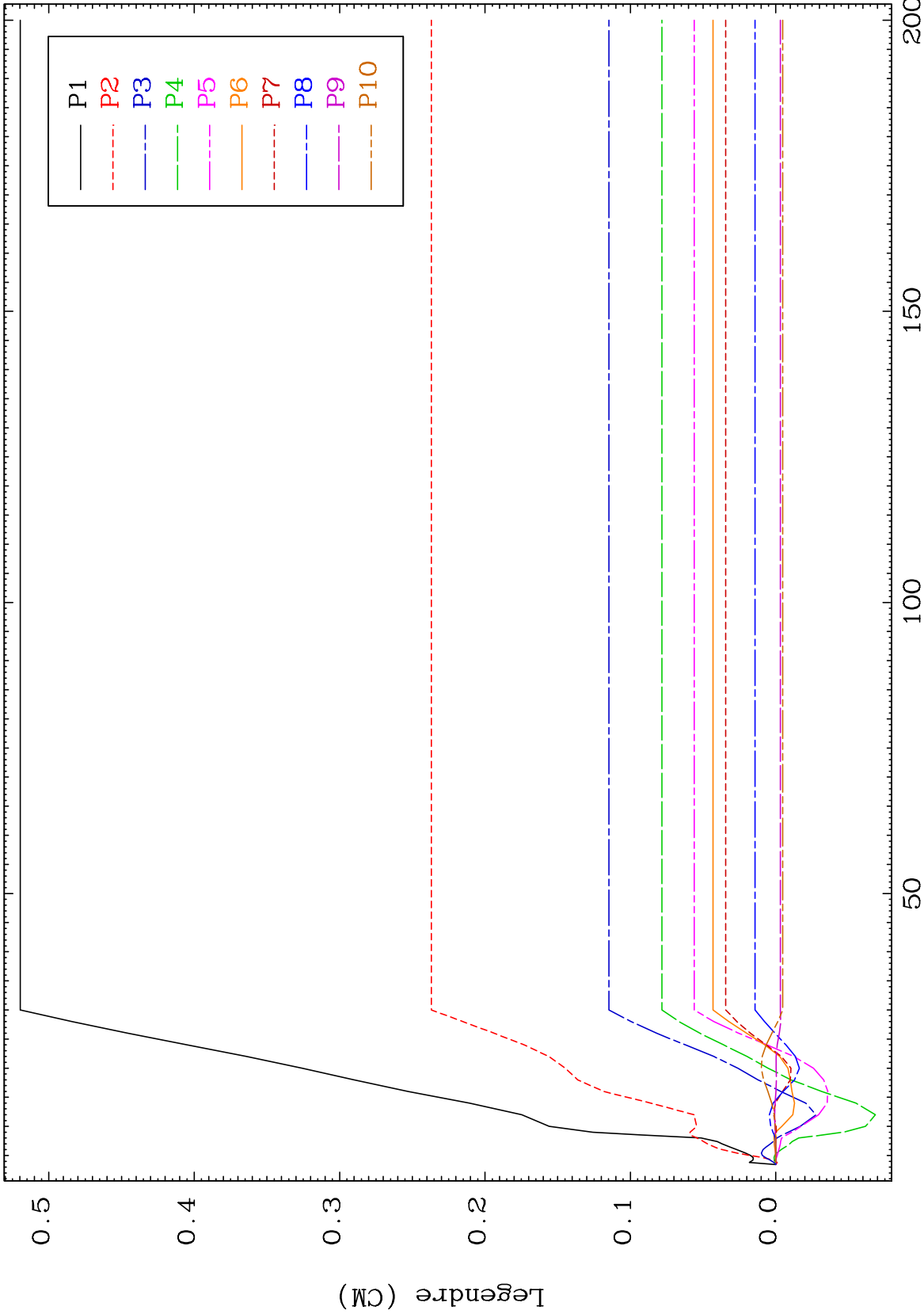
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



64

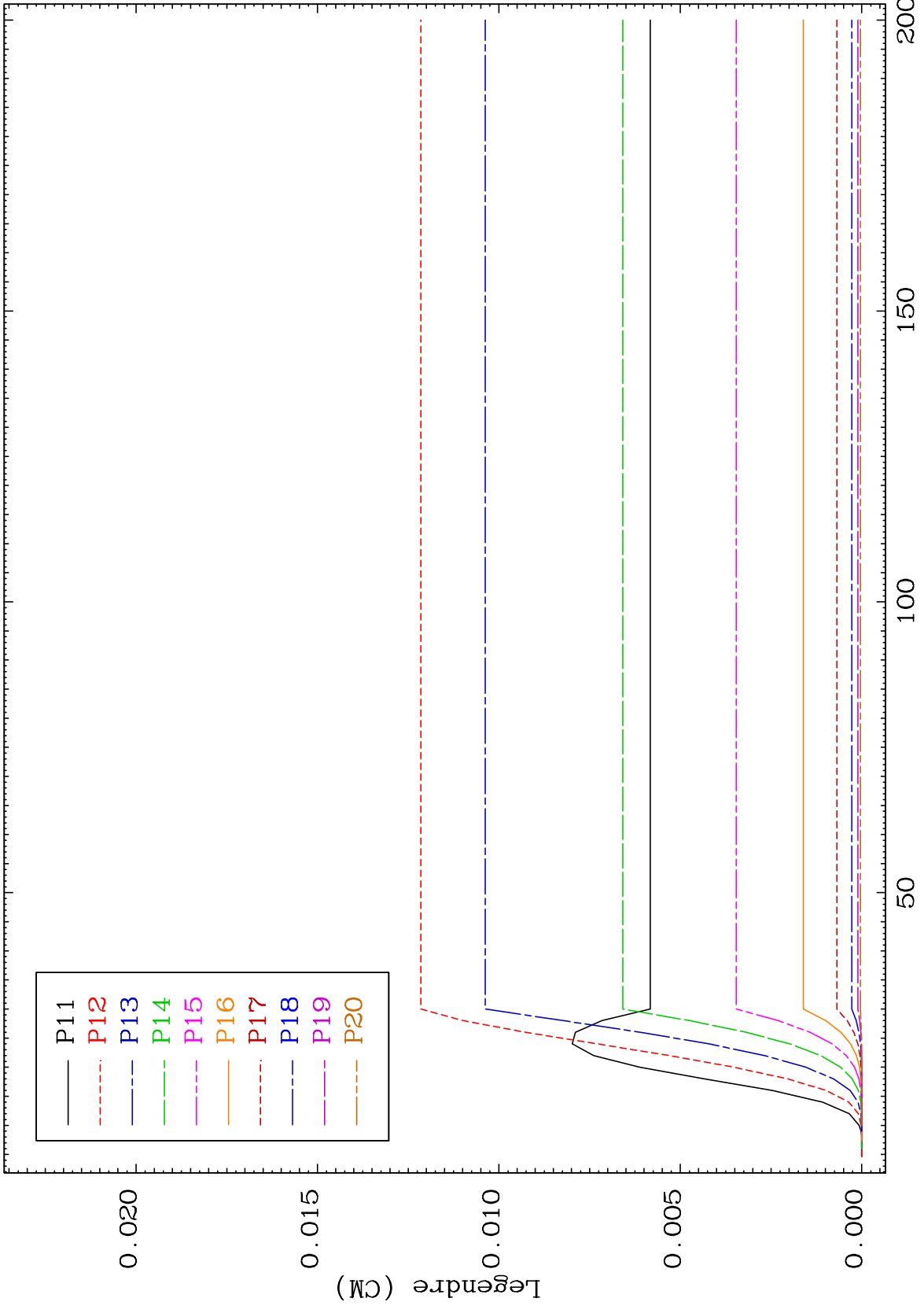
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



65

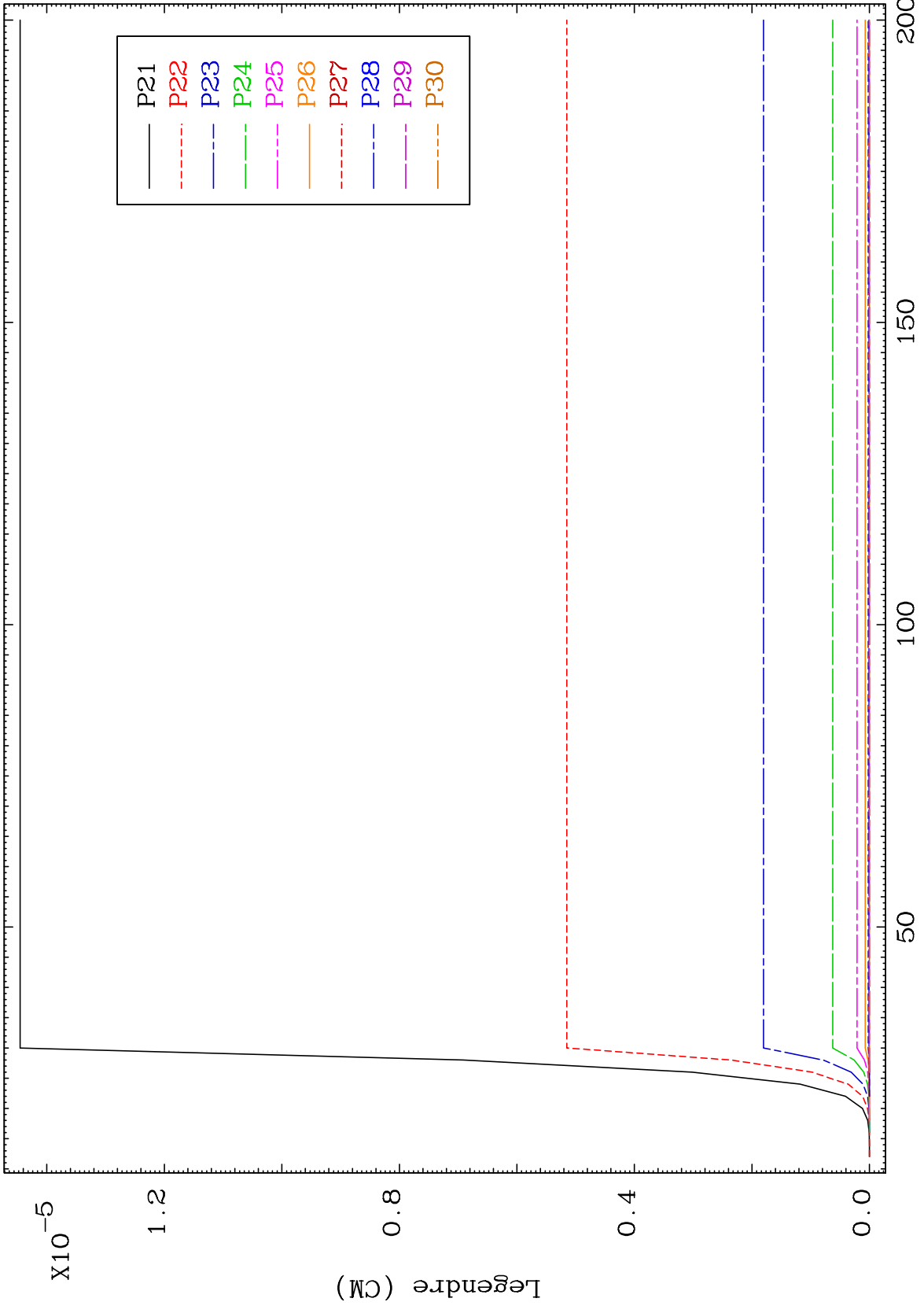
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



66

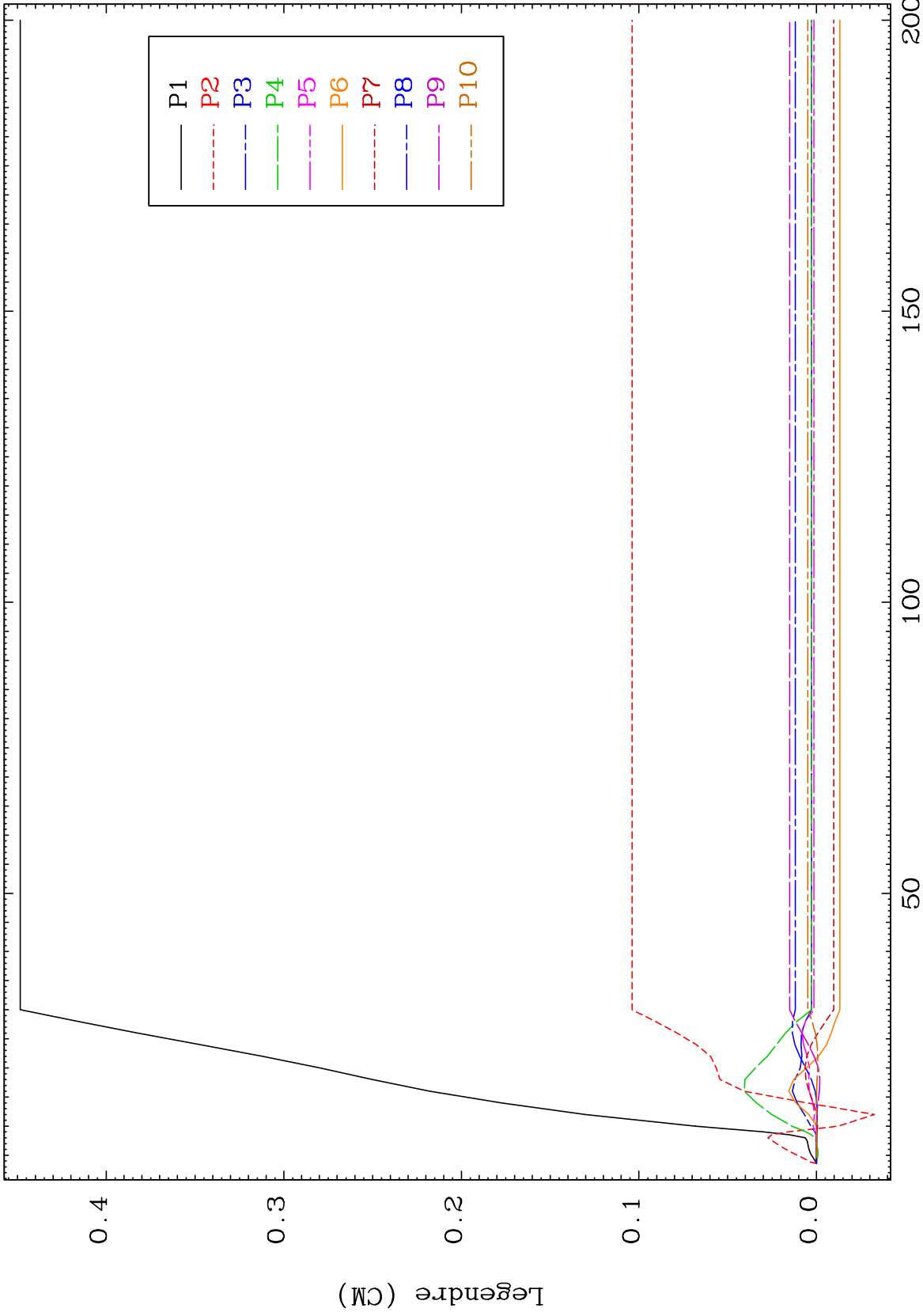
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



67

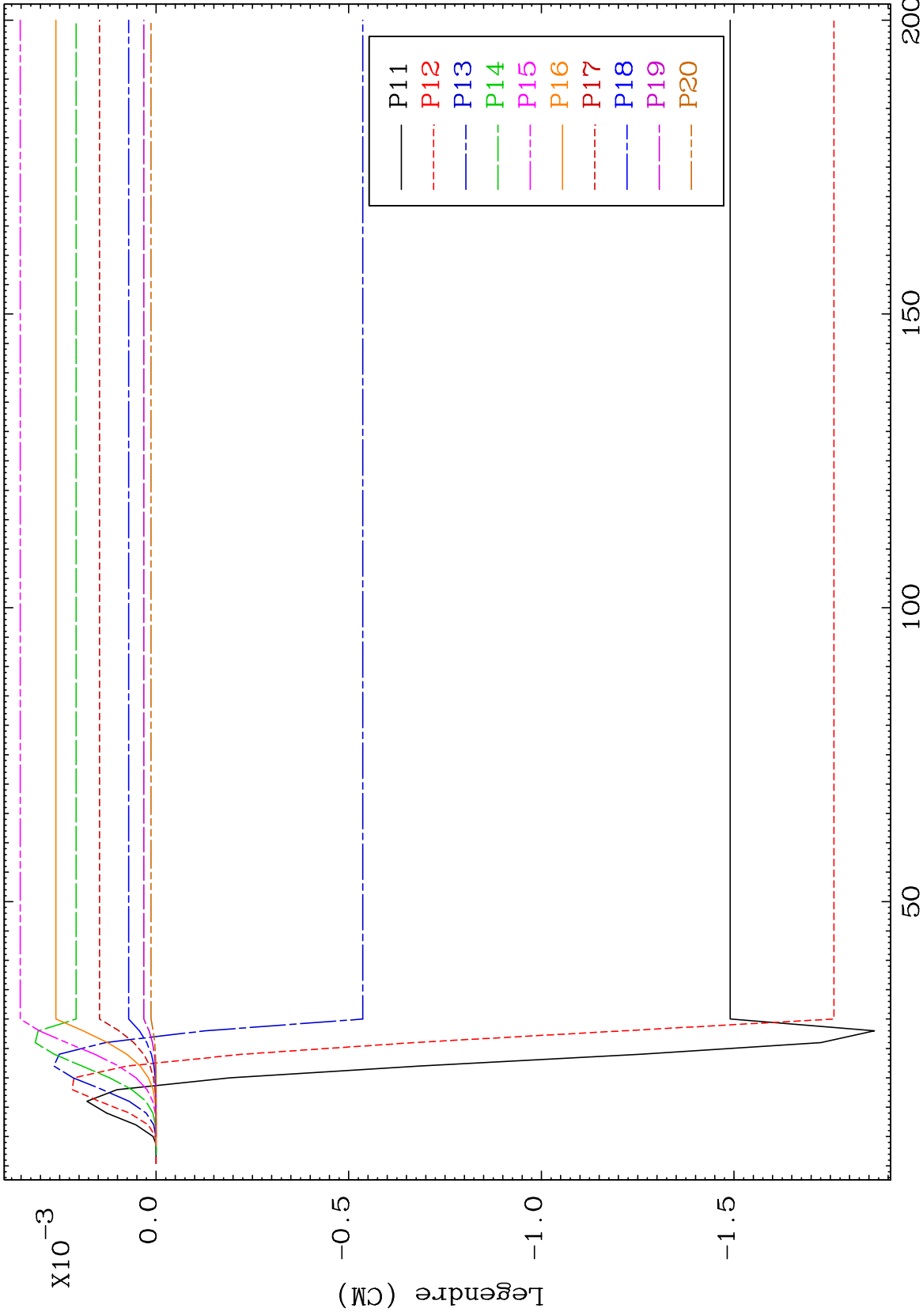
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



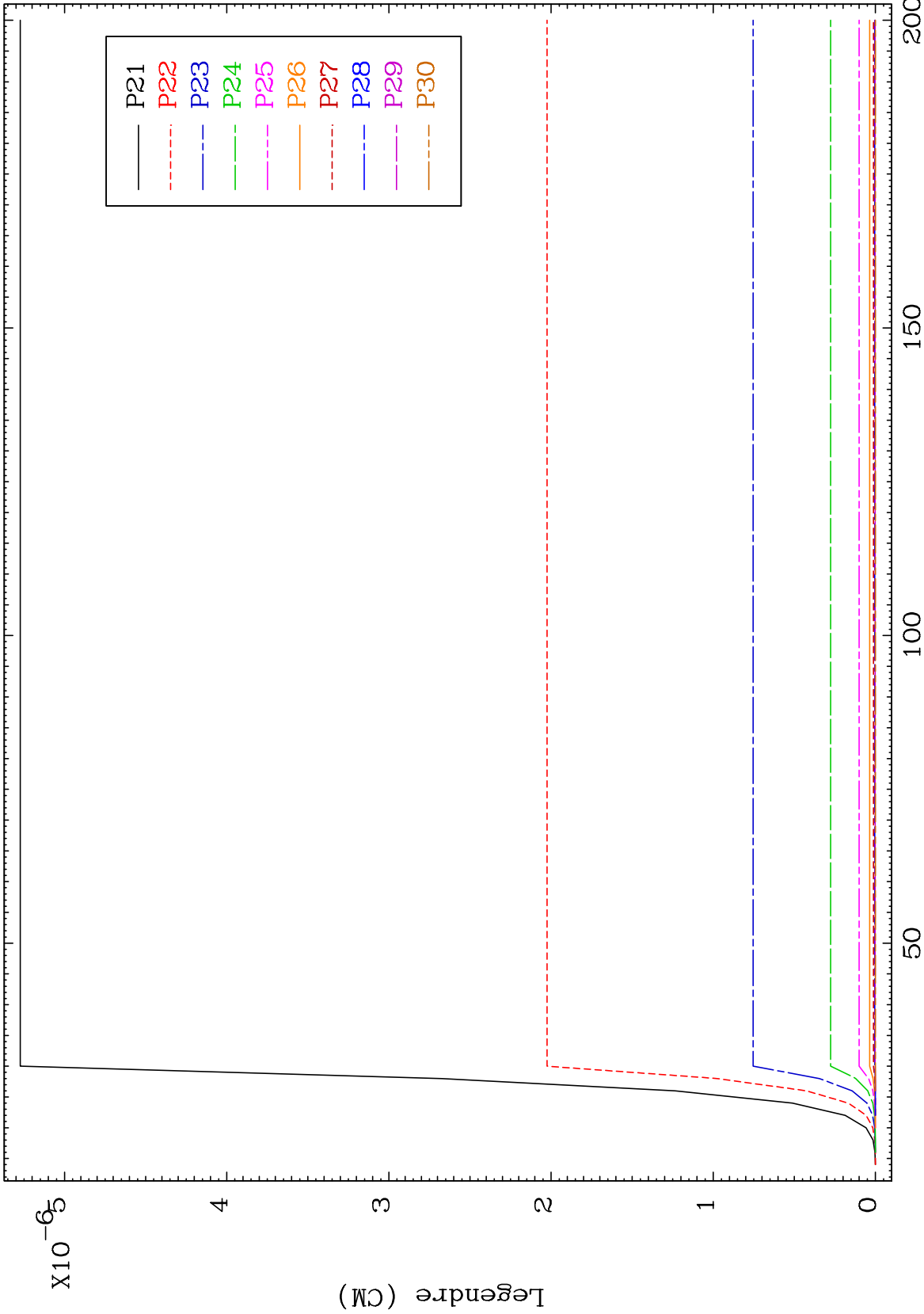
68

17-Cl-39

MAT 1737

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

17-Cl-39



69

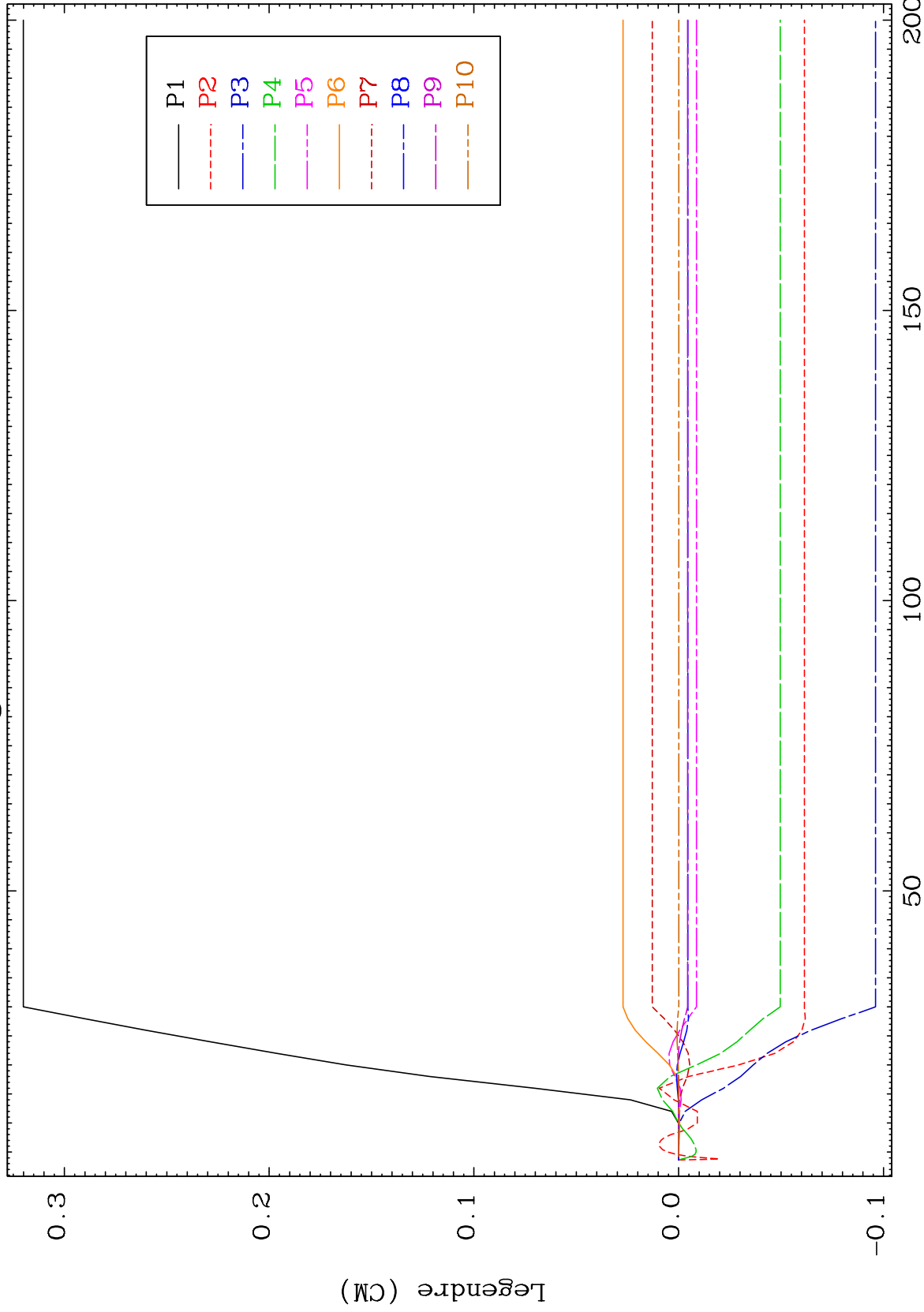
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



70

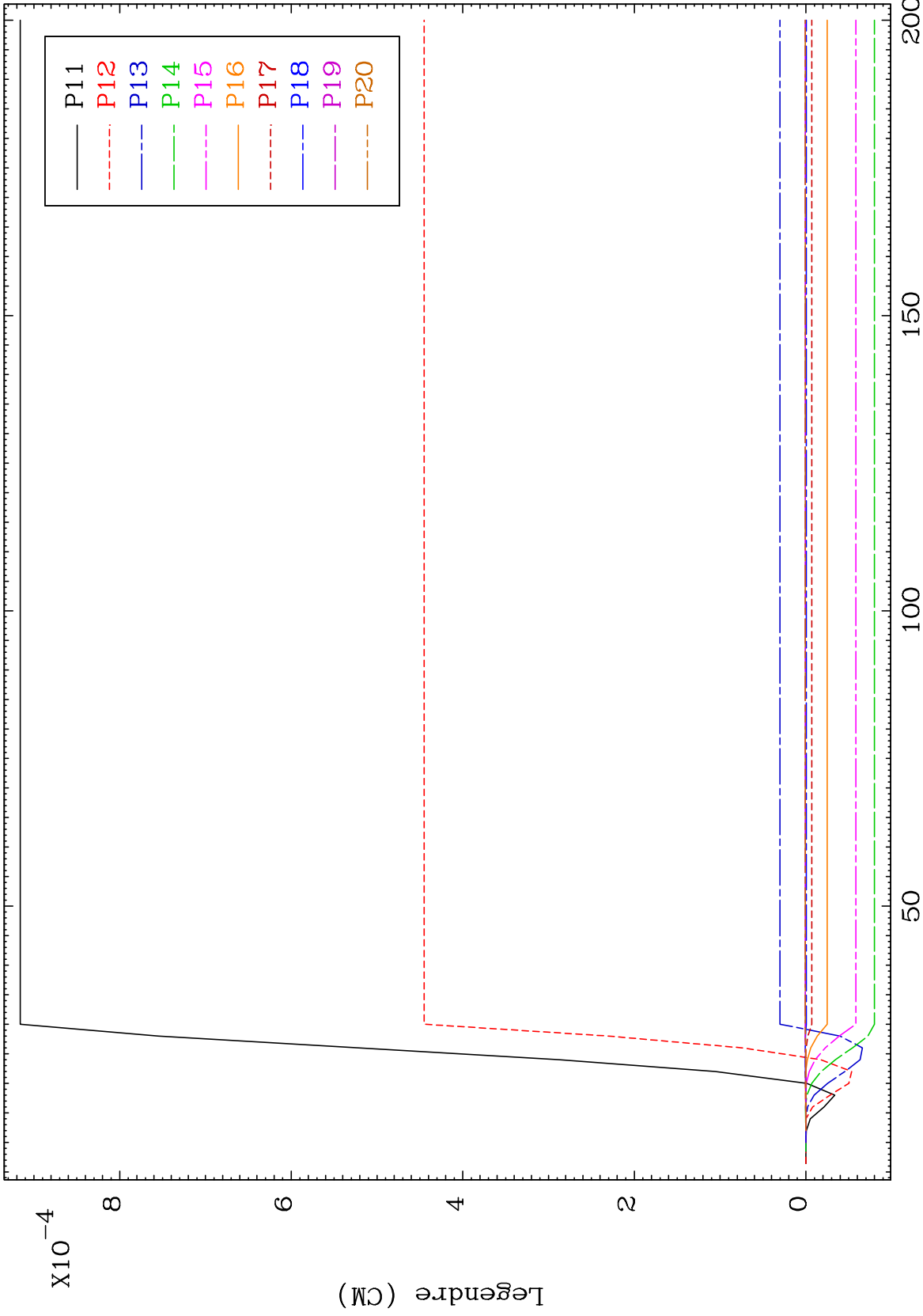
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



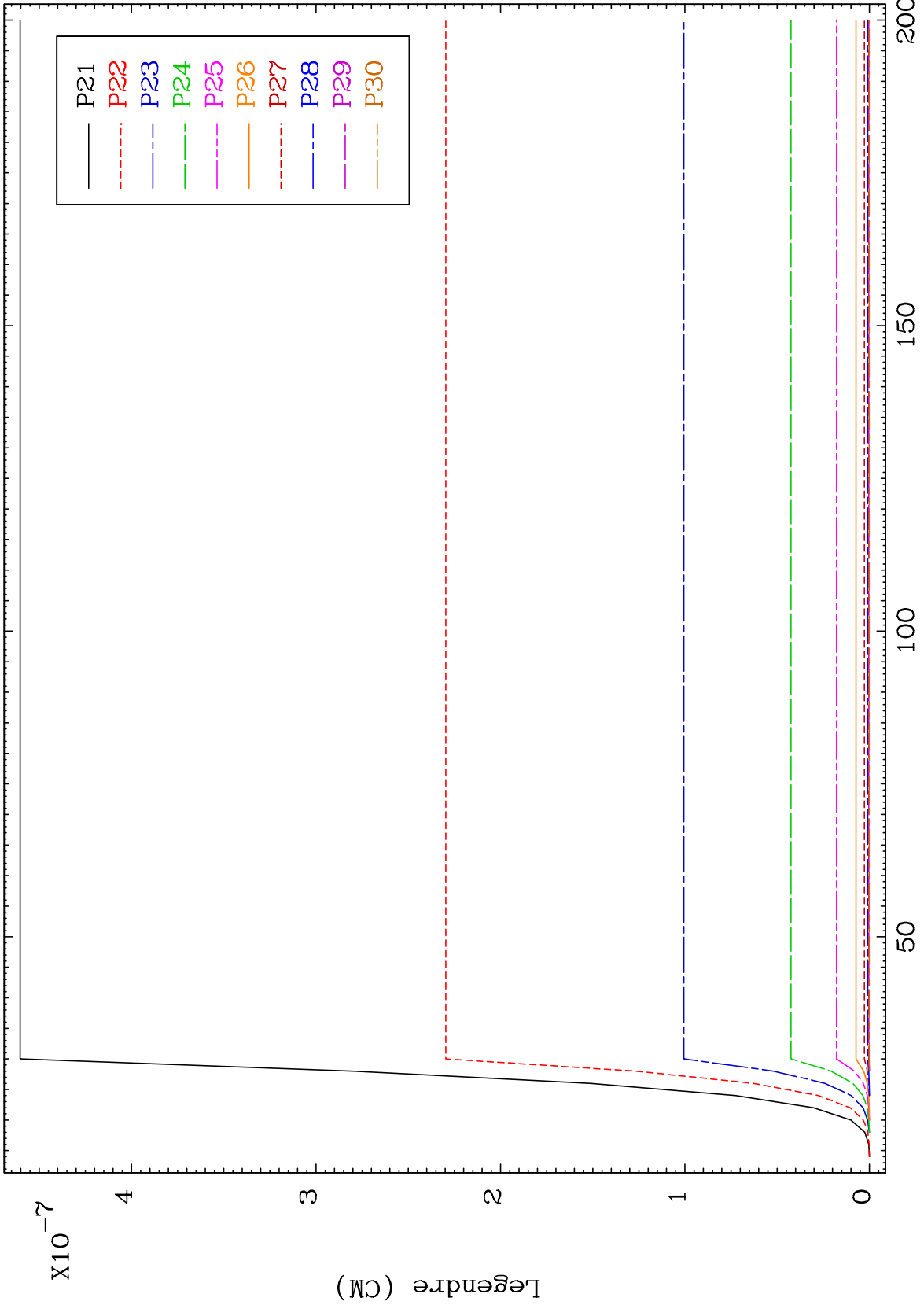
71

17-Cl-39

MAT 1737

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

17-Cl-39



72

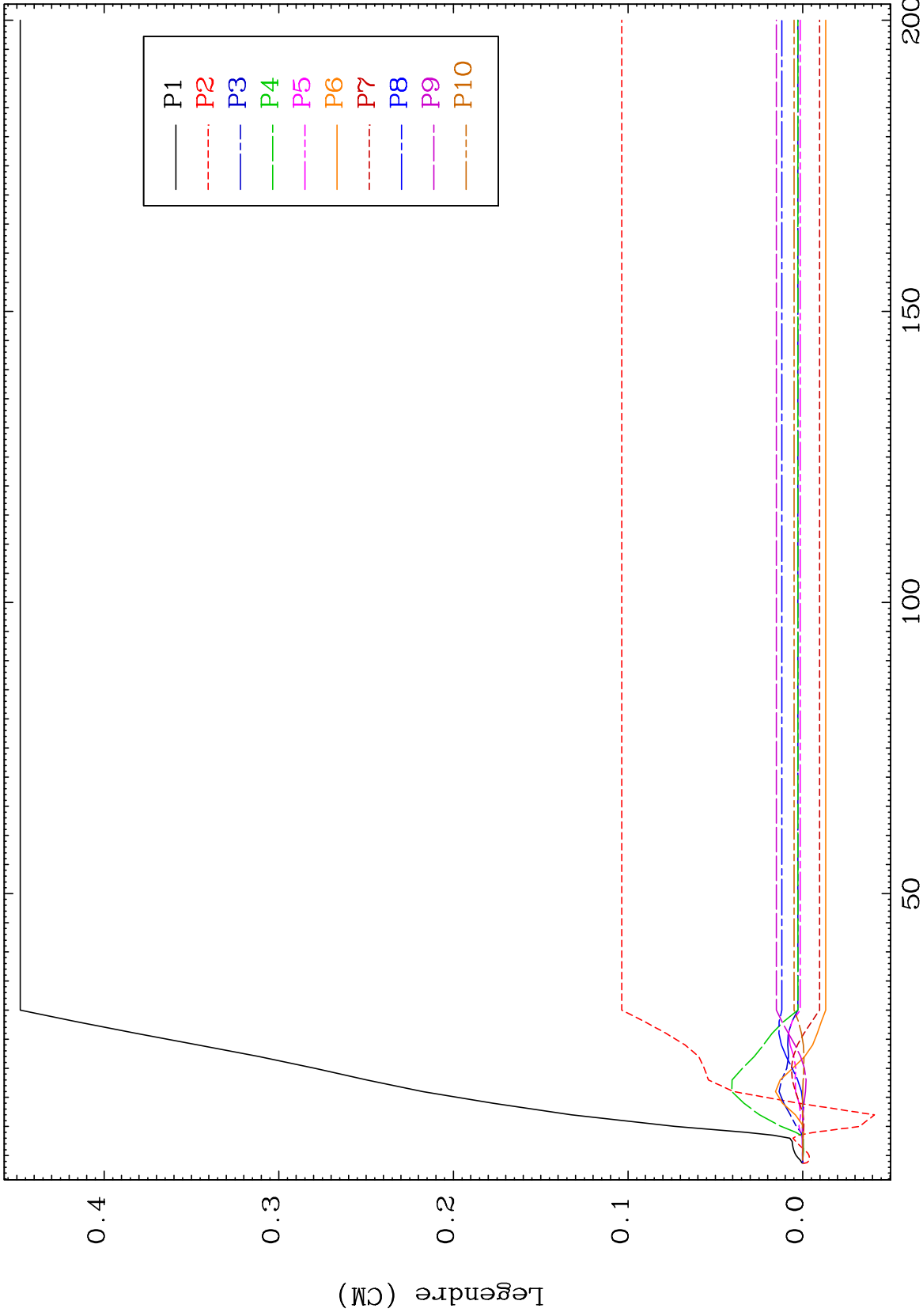
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



73

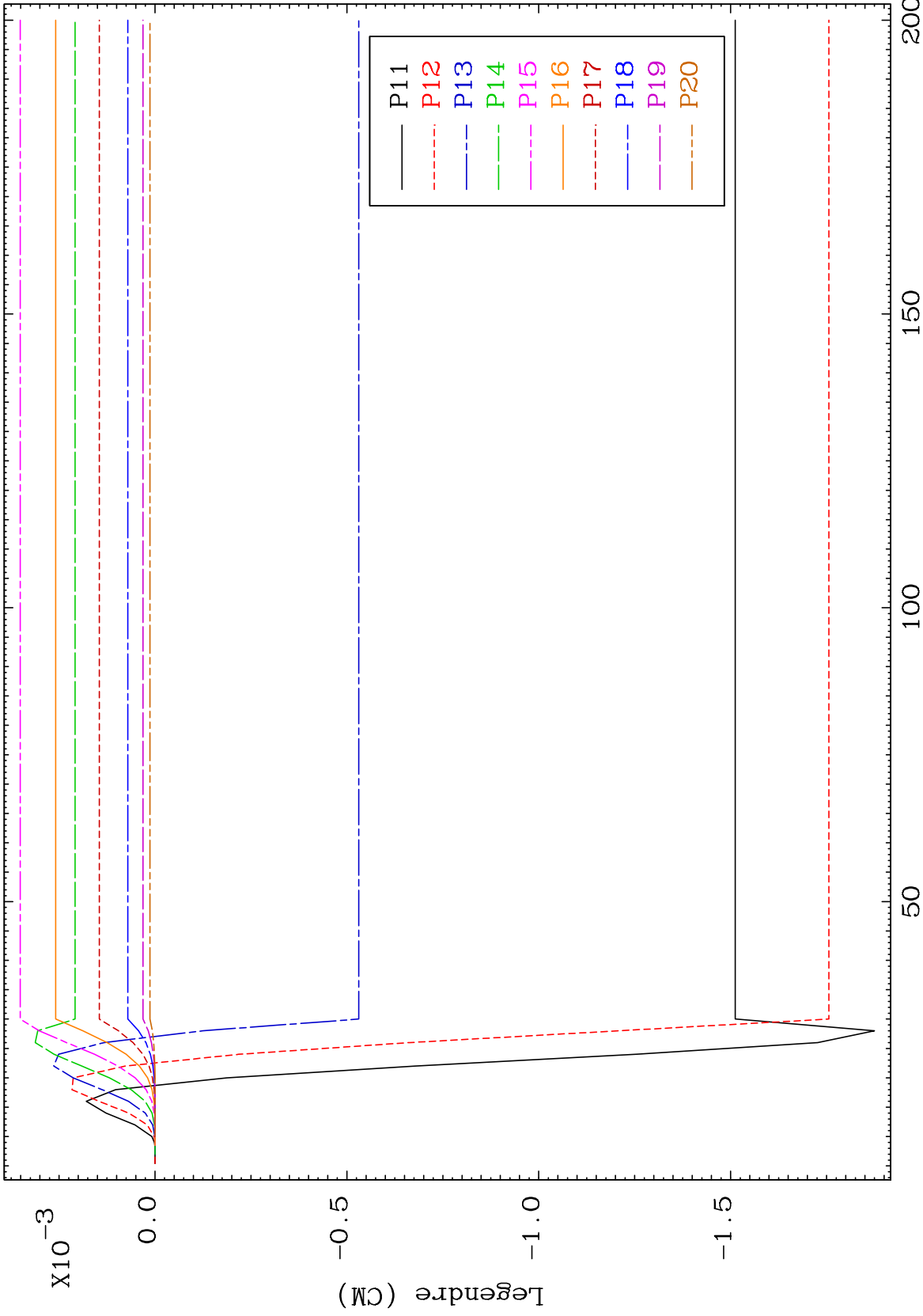
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



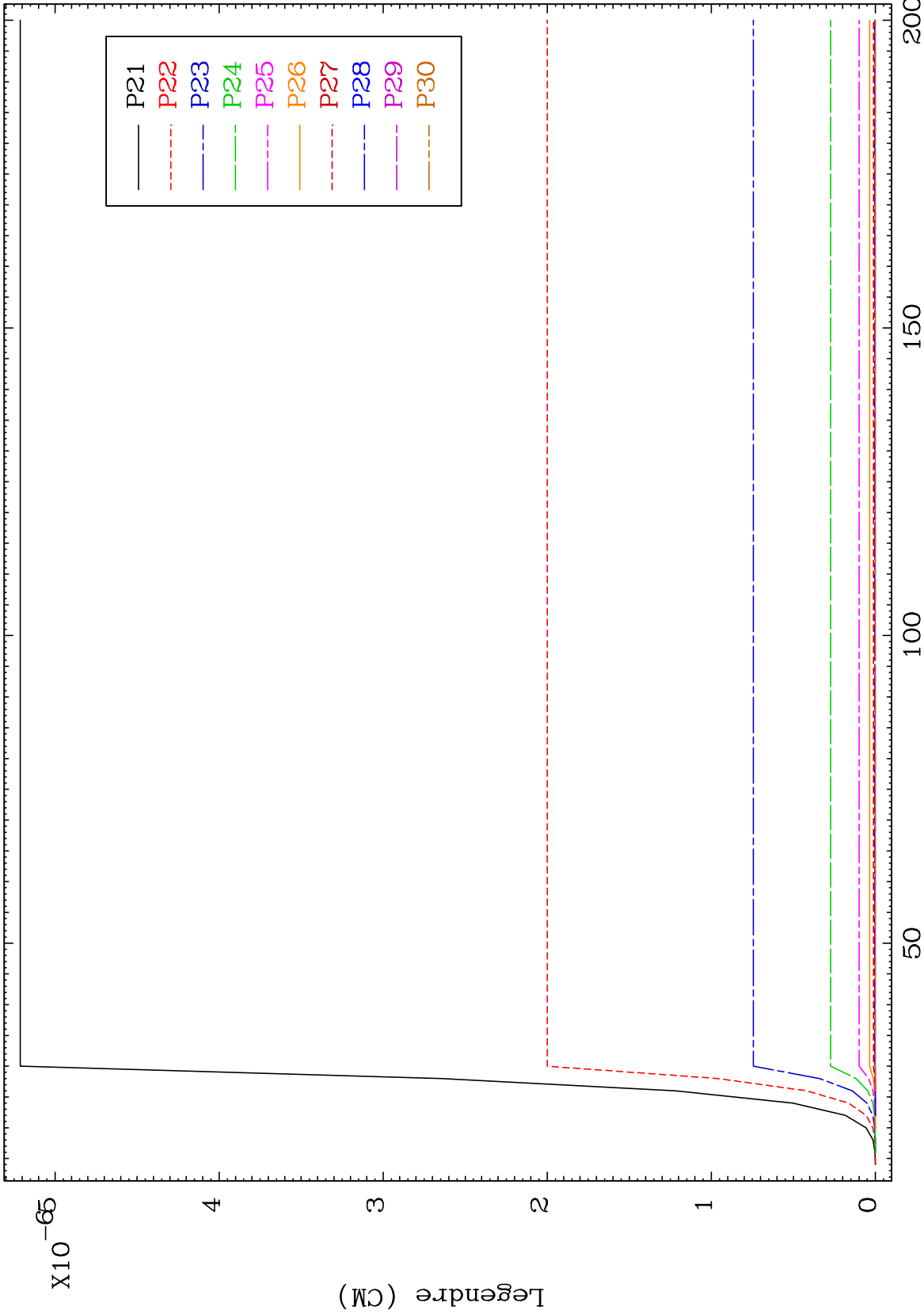
74

17-Cl-39

MAT 1737

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

17-Cl-39



75

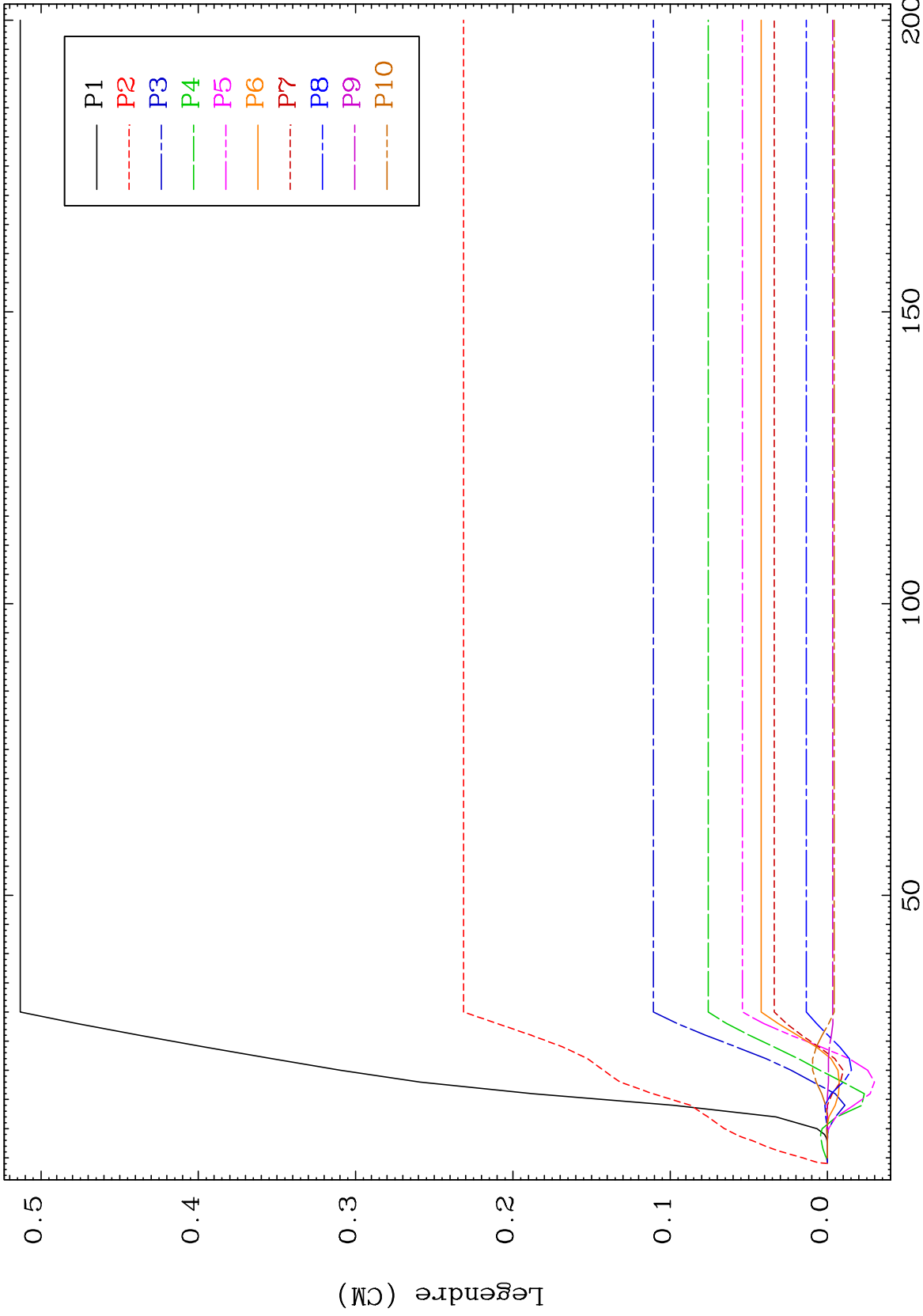
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



76

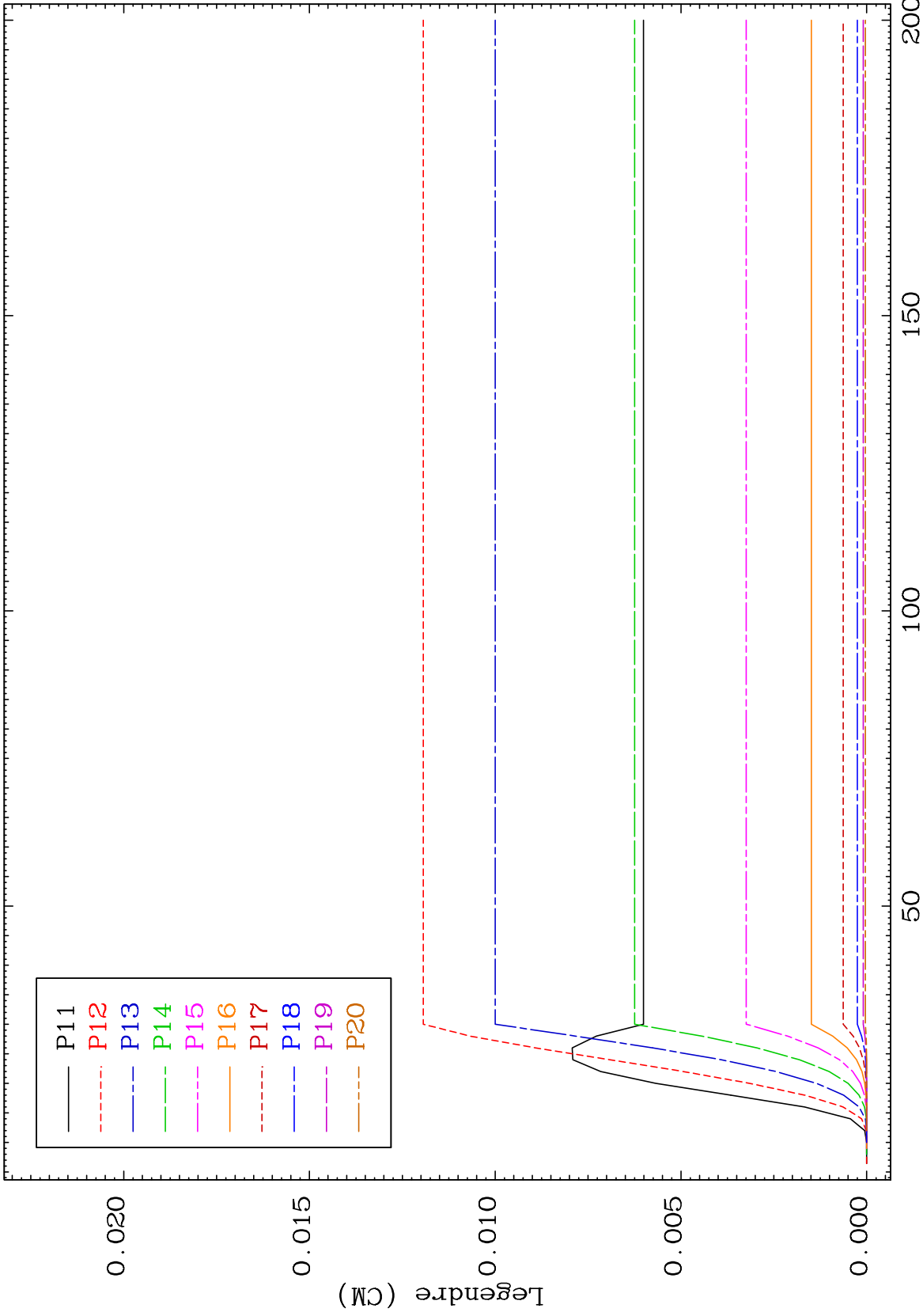
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



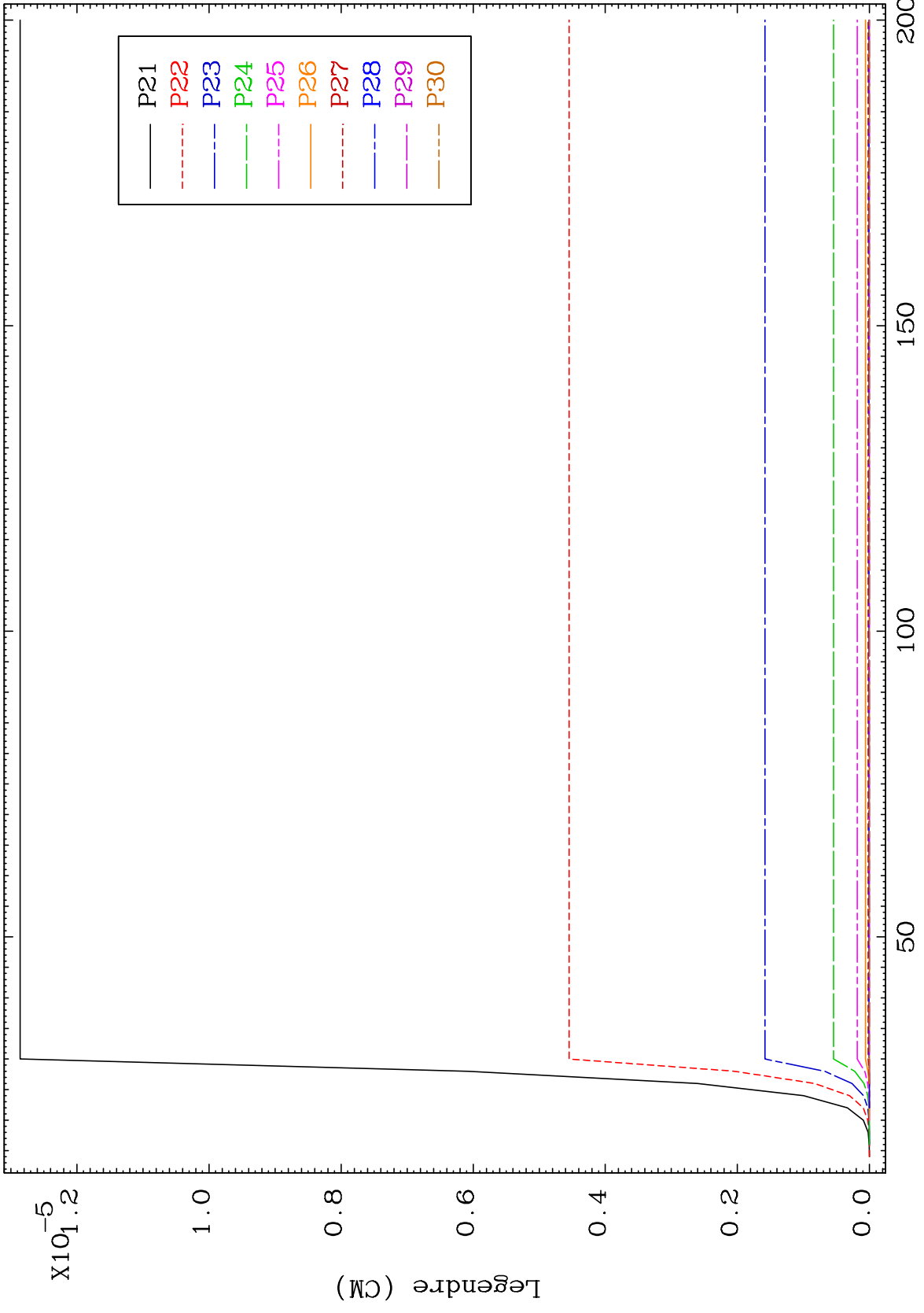
77

17-Cl-39

MAT 1737

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

17-CI-39



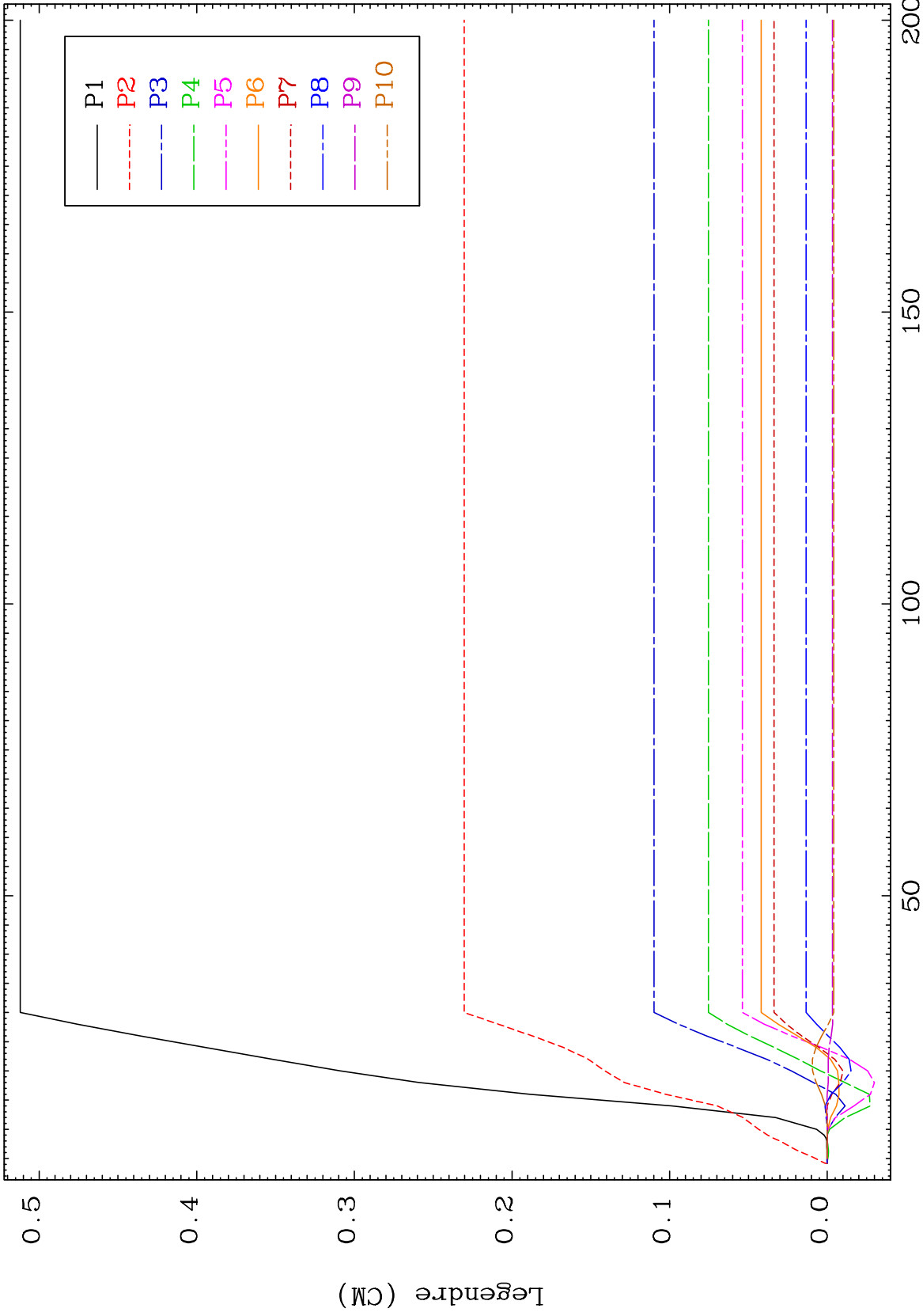
78

17-CI-39

MAT 1737

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

17-Cl-39



79

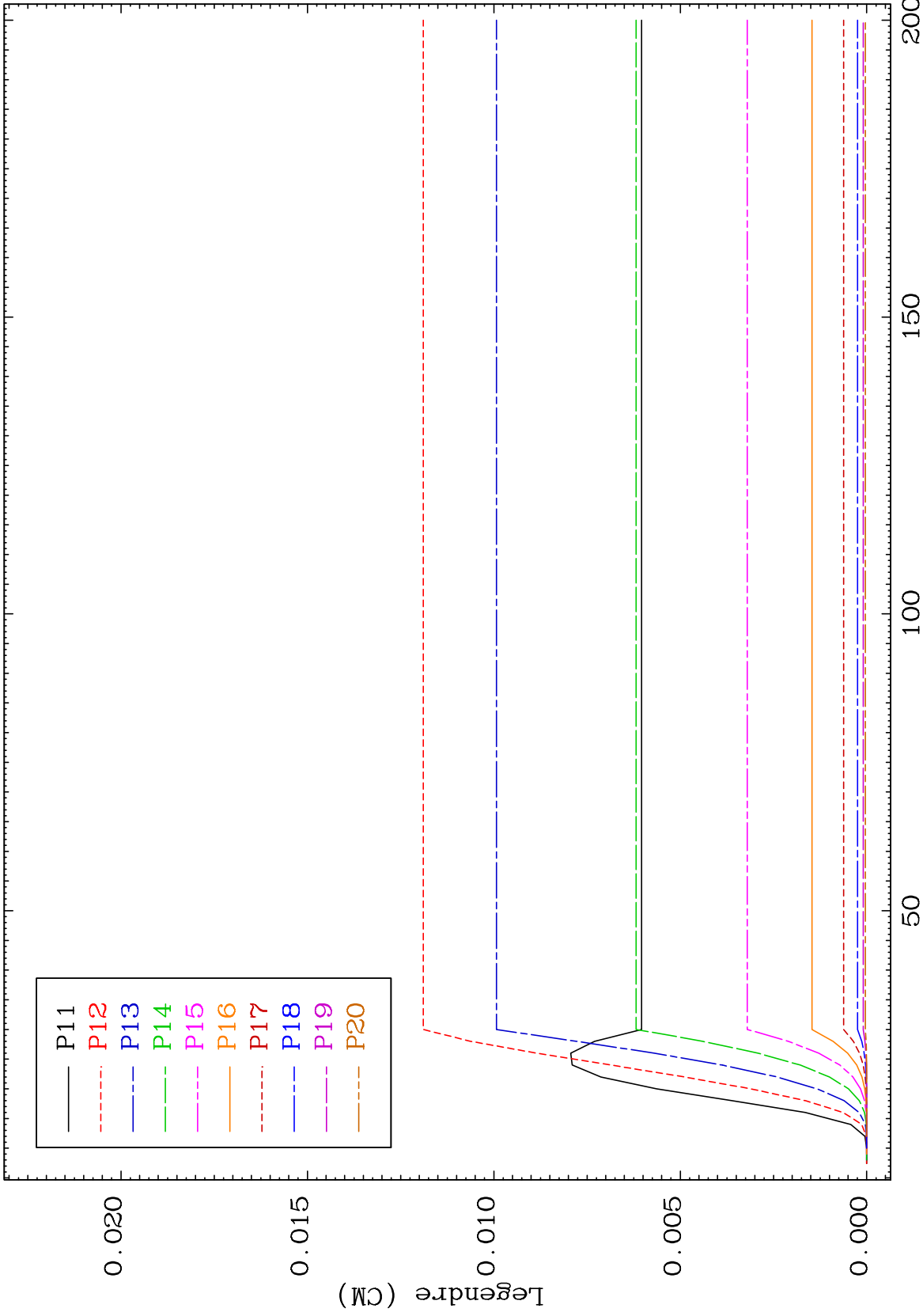
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



80

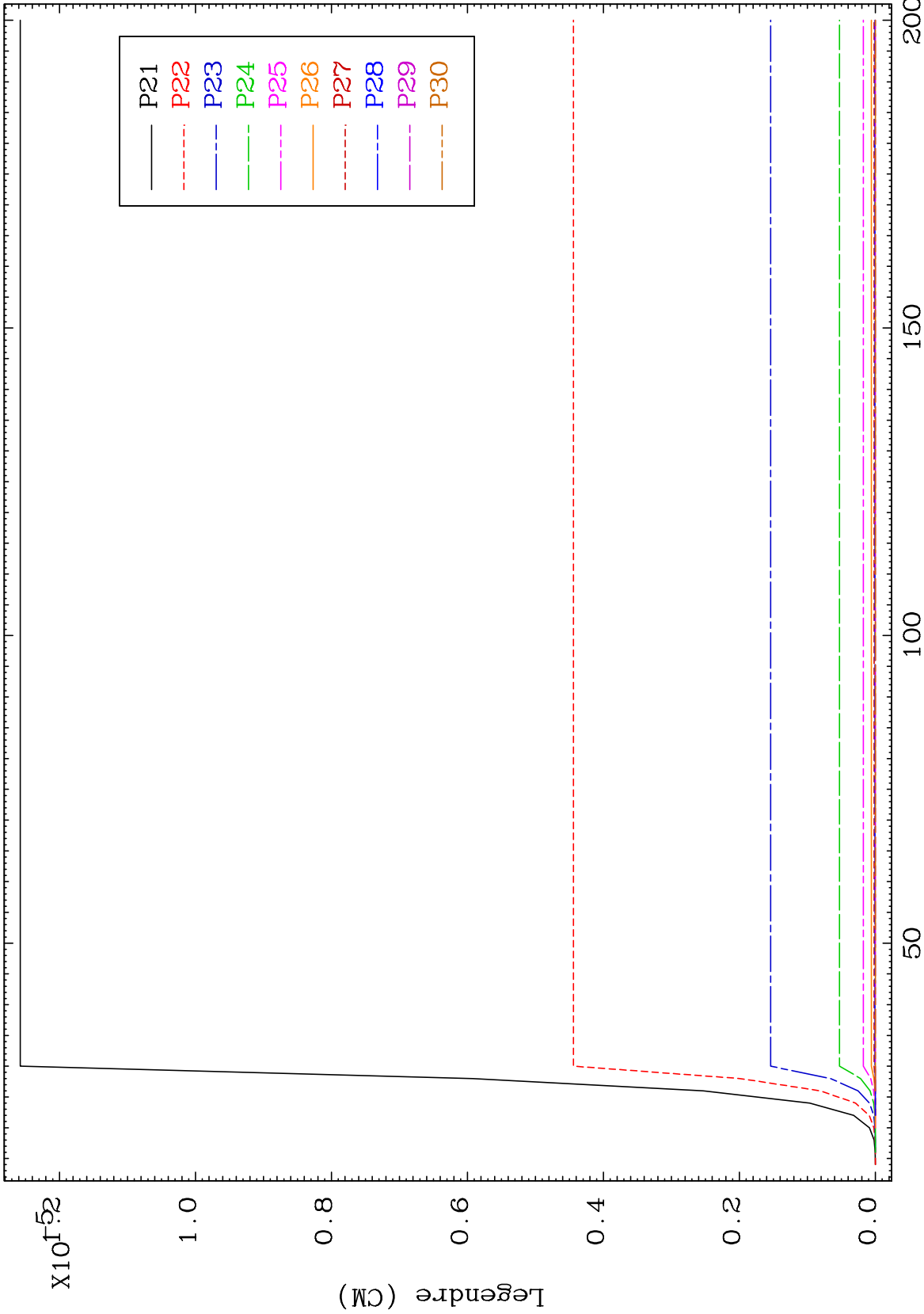
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



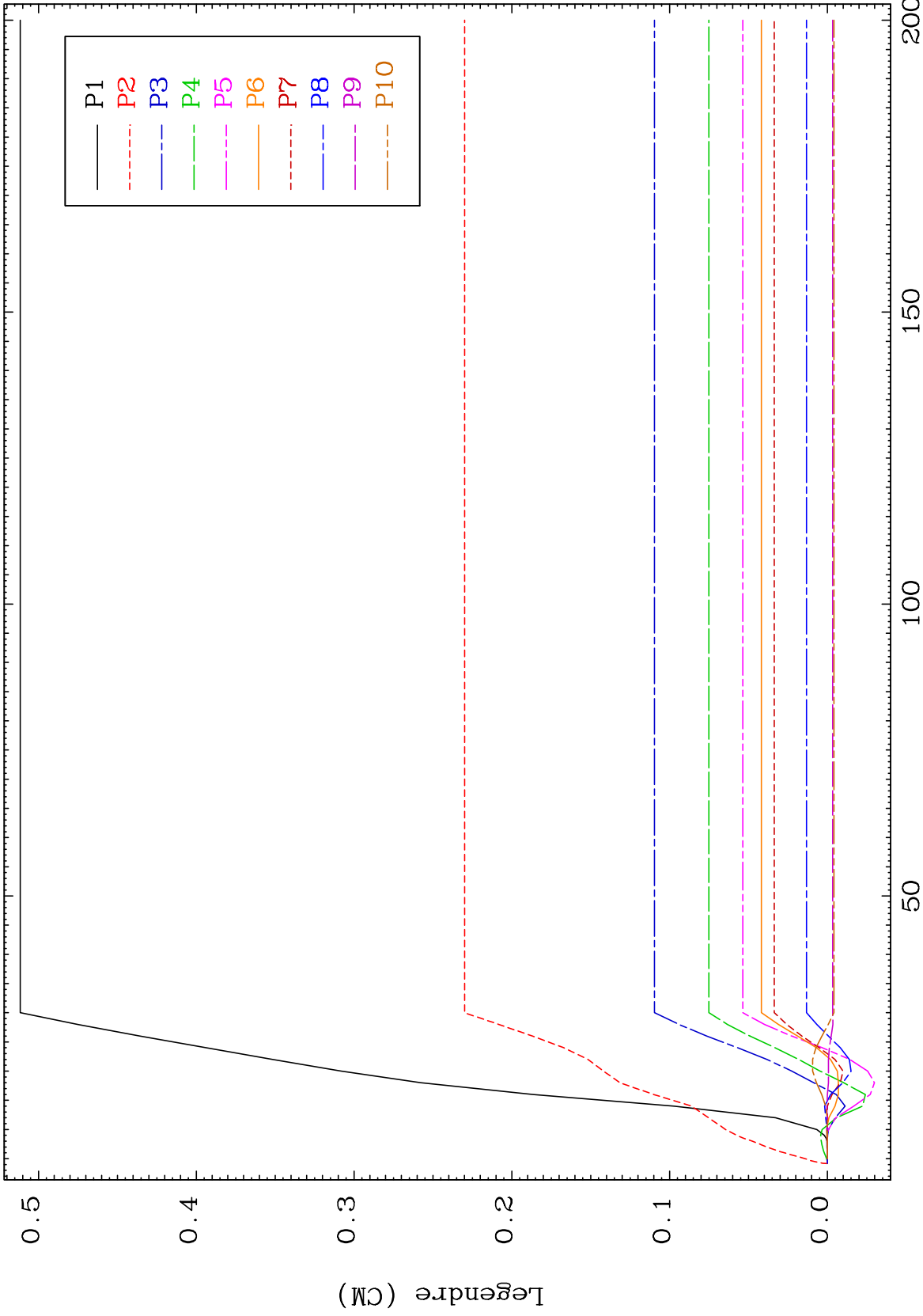
81

17-Cl-39

MAT 1737

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

17-Cl-39



82

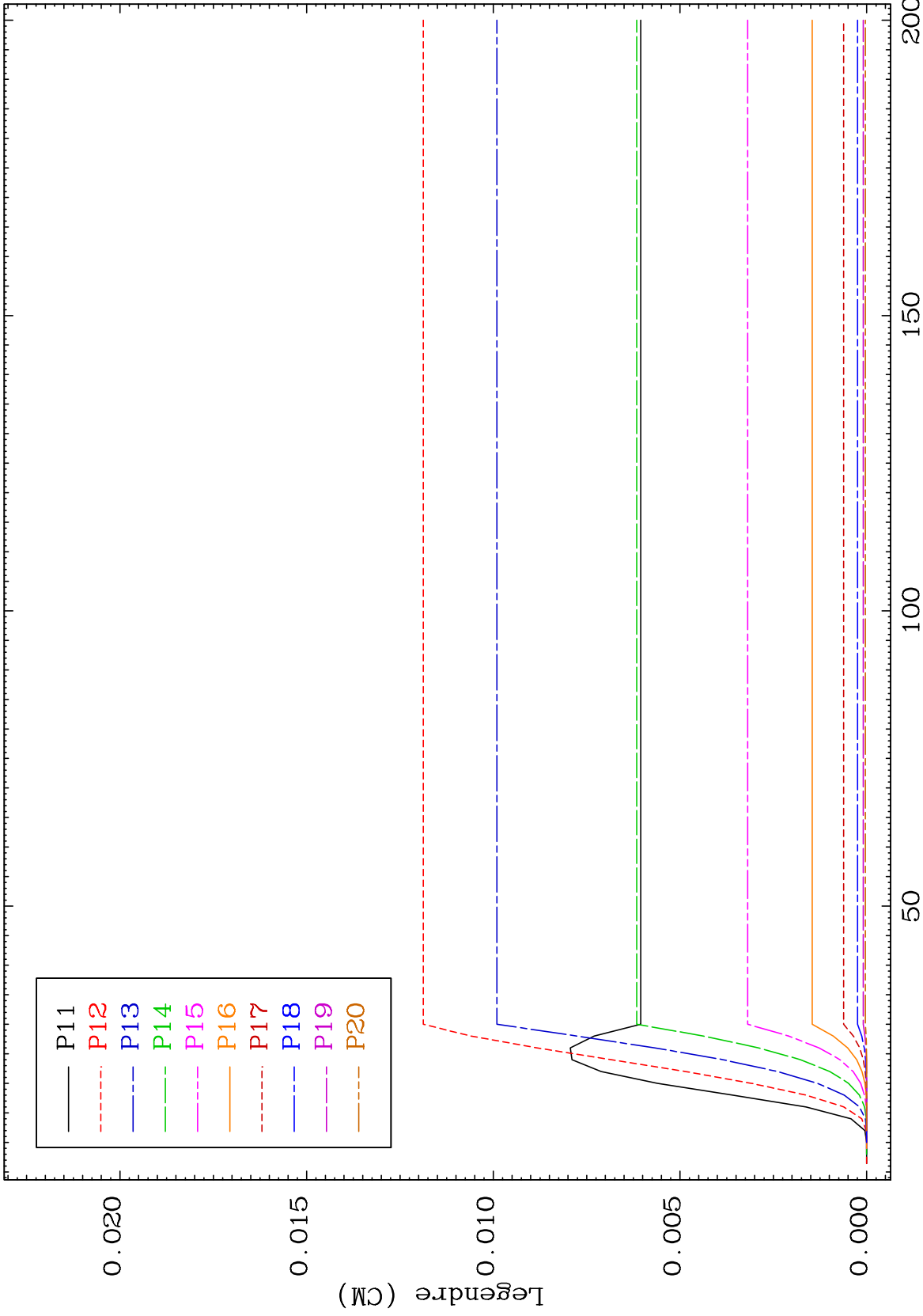
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



83

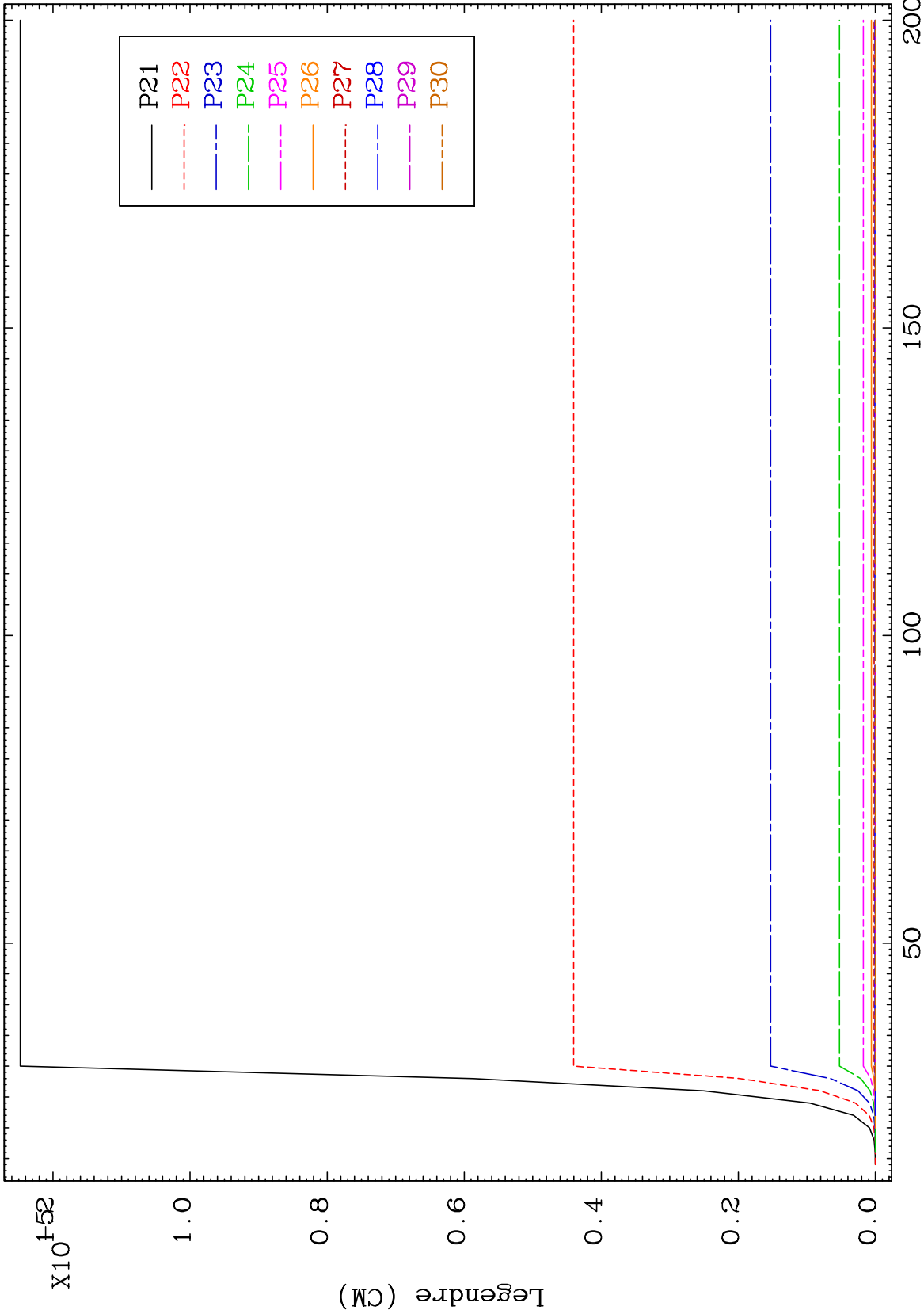
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



84

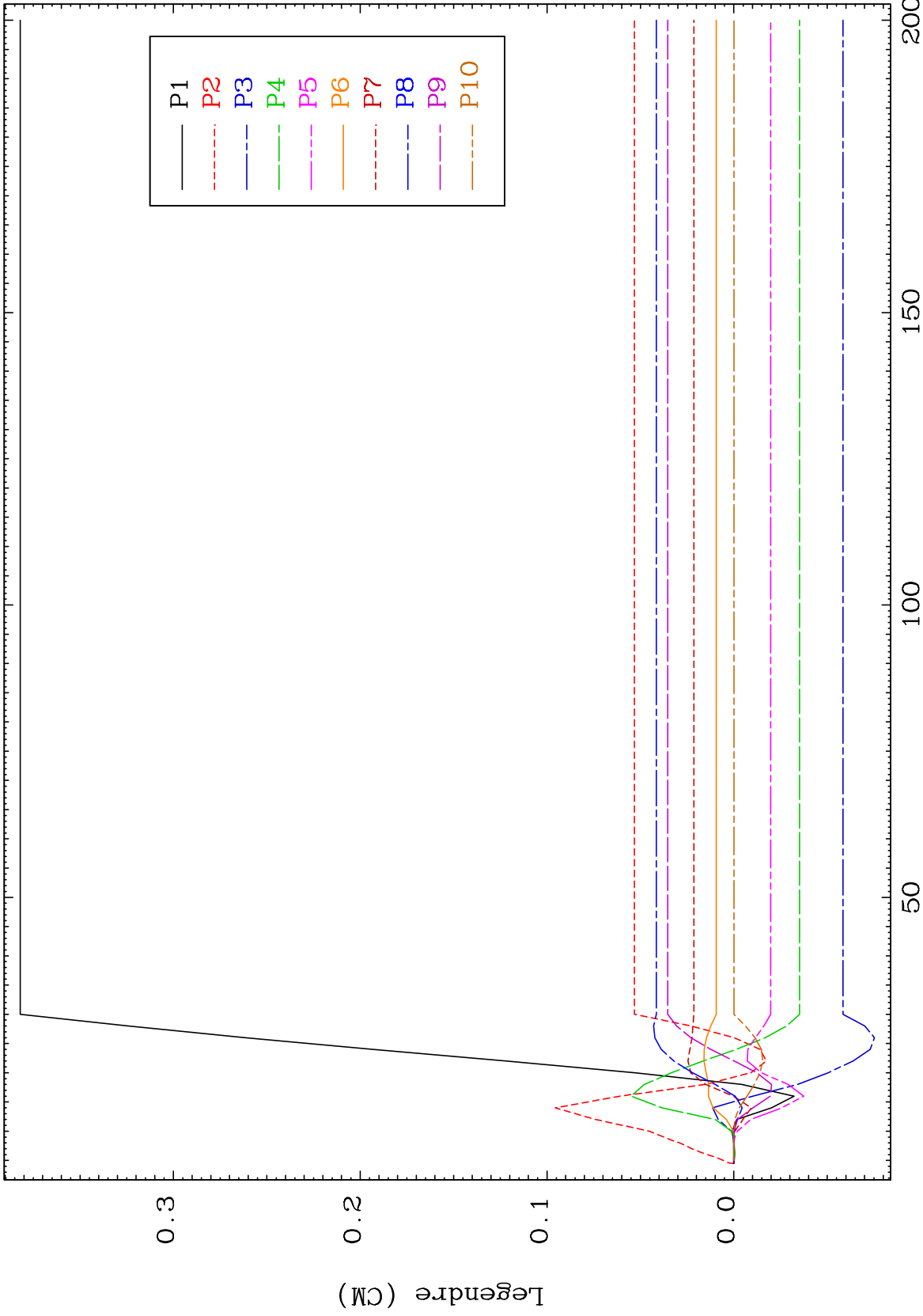
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

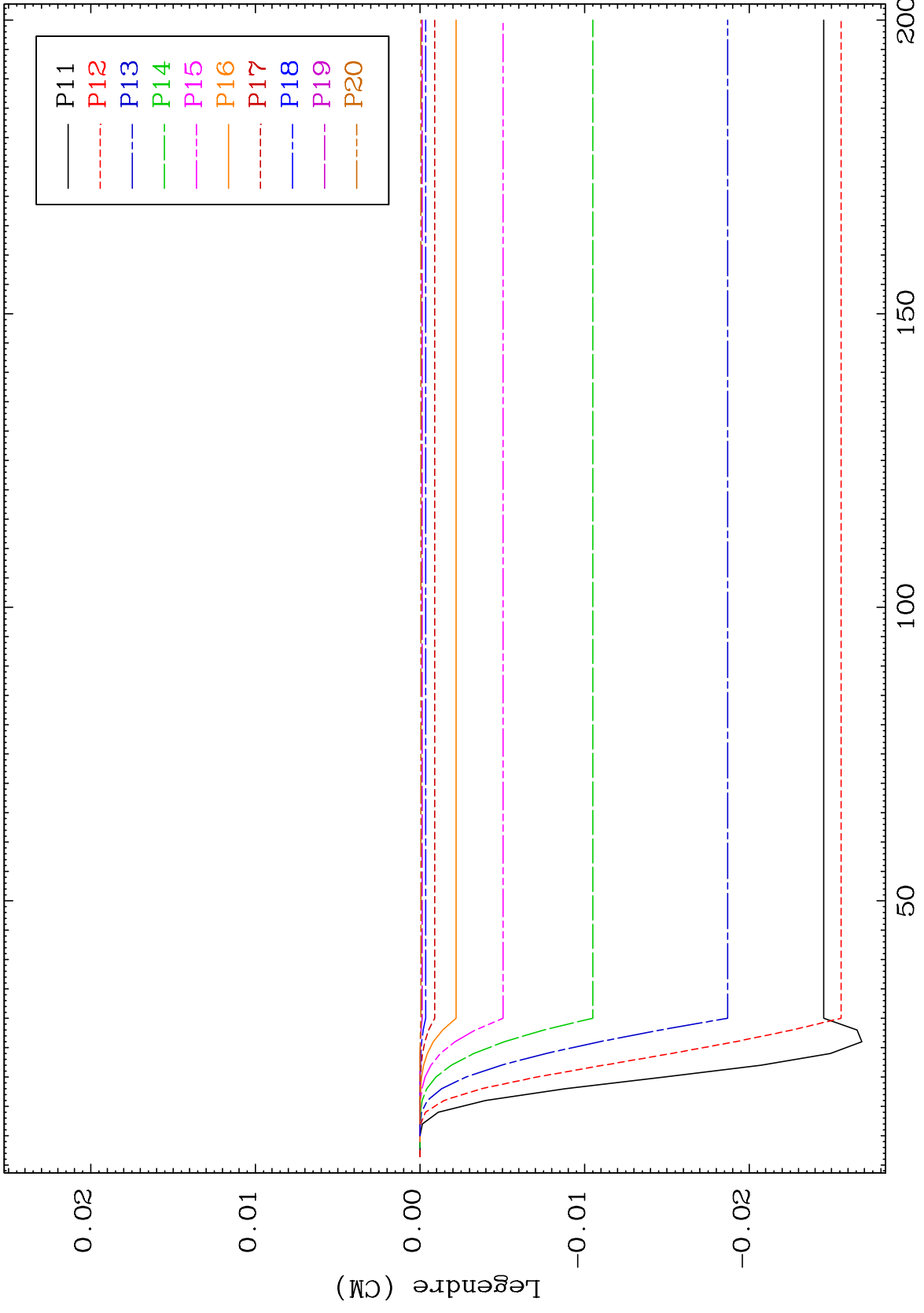
17-Cl-39



85

Incident Energy (MeV)

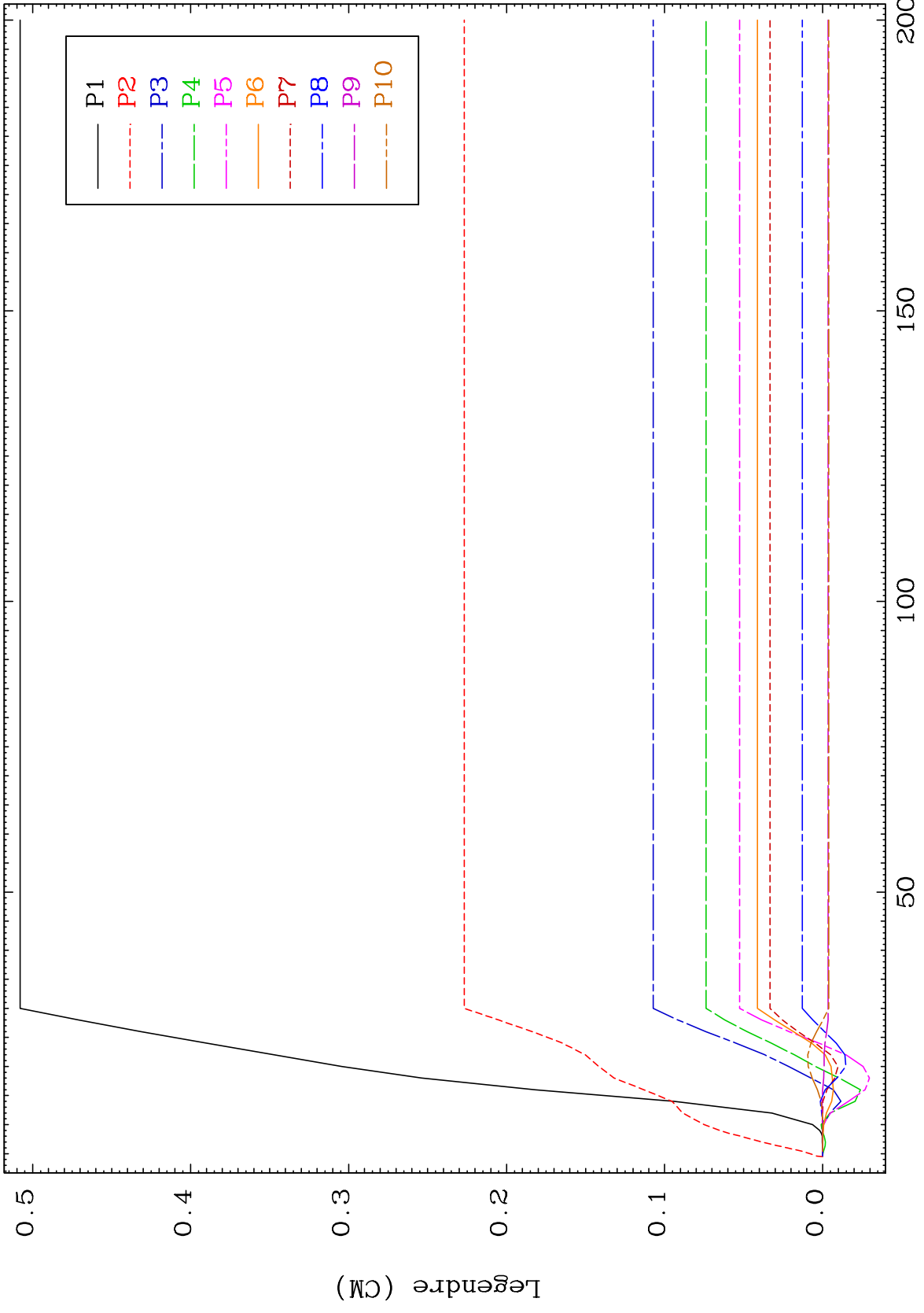
17-Cl-39



MAT 1737

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

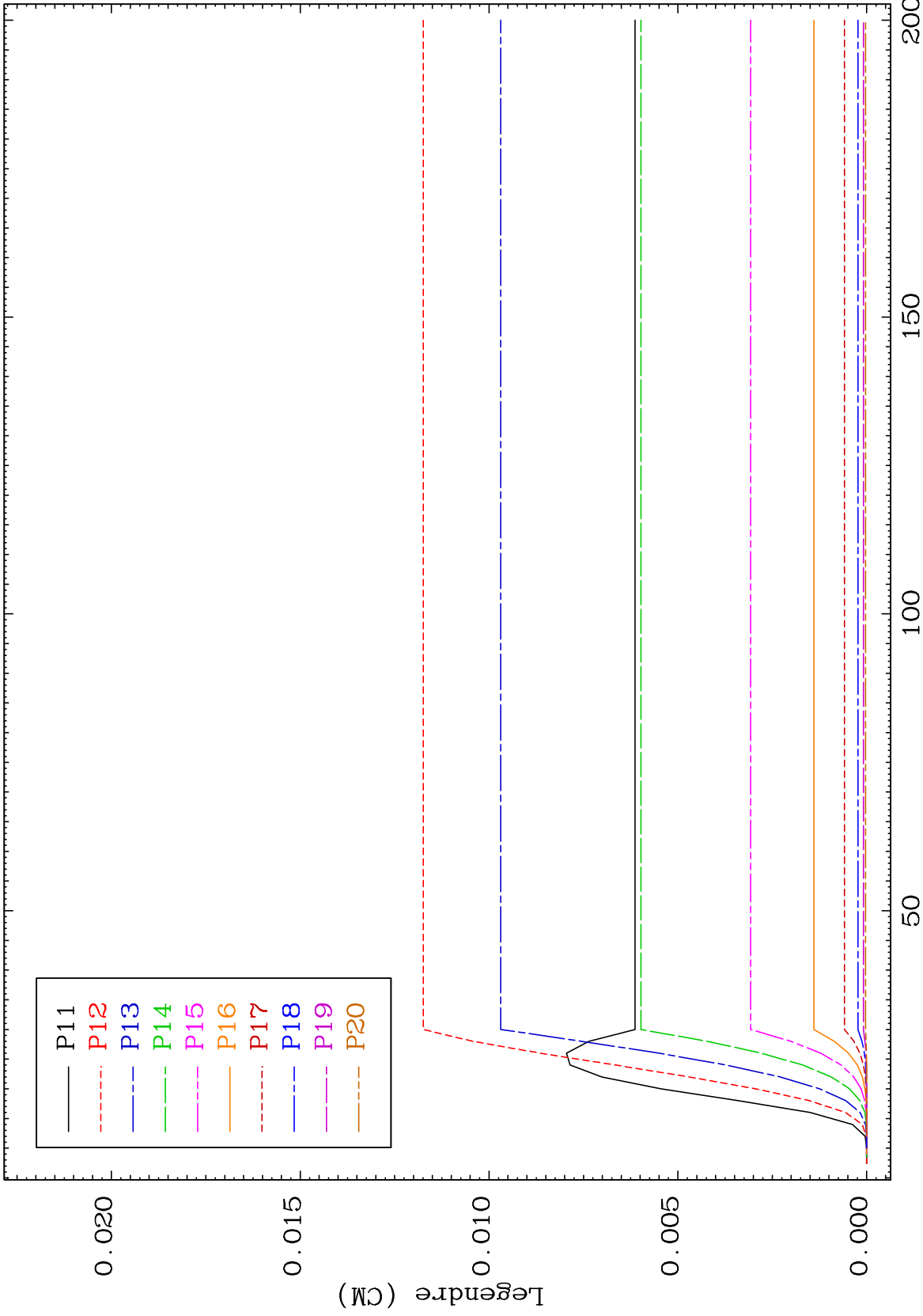
17-Cl-39



88

Incident Energy (MeV)

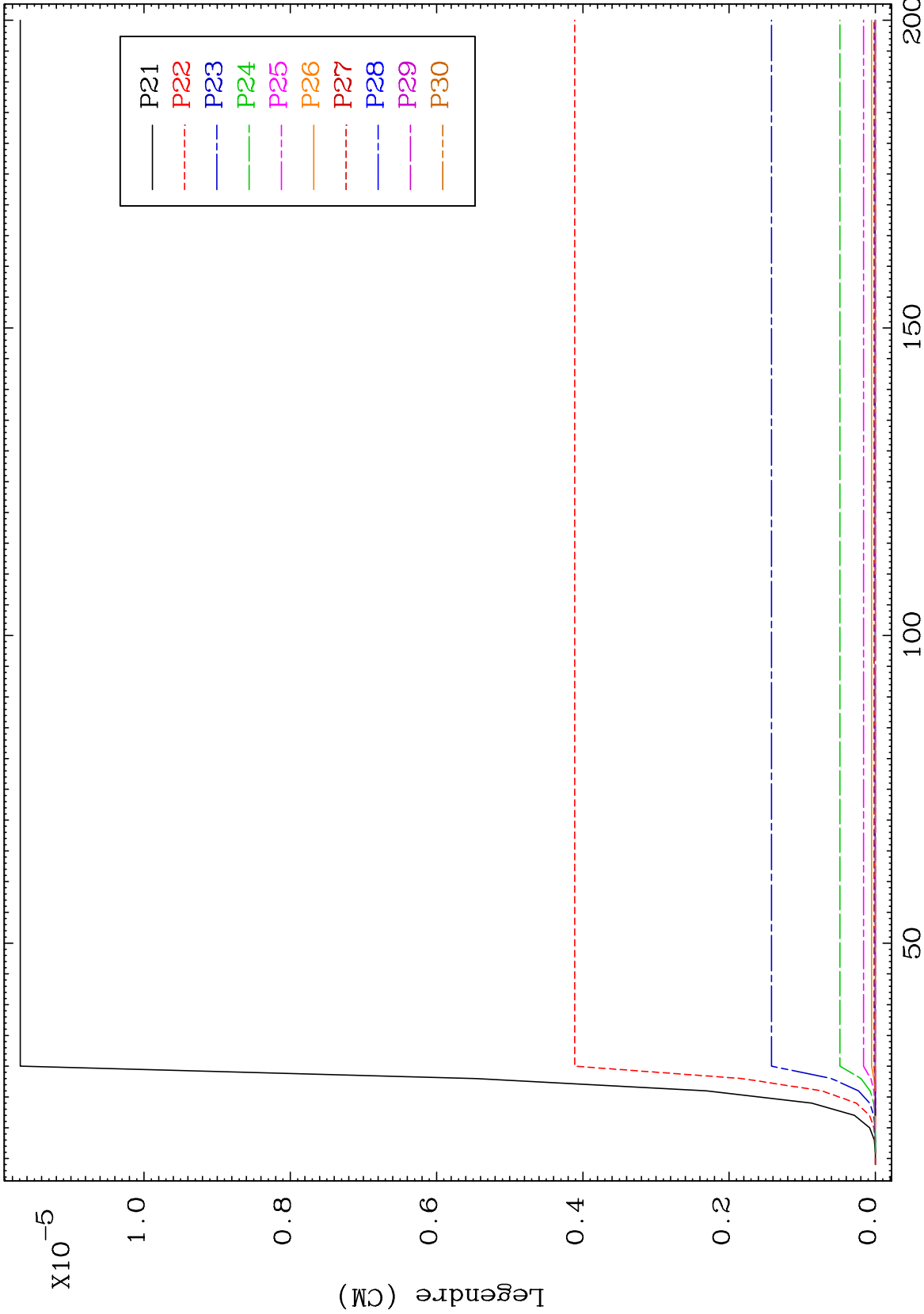
17-Cl-39



MAT 1737

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

17-Cl-39



90

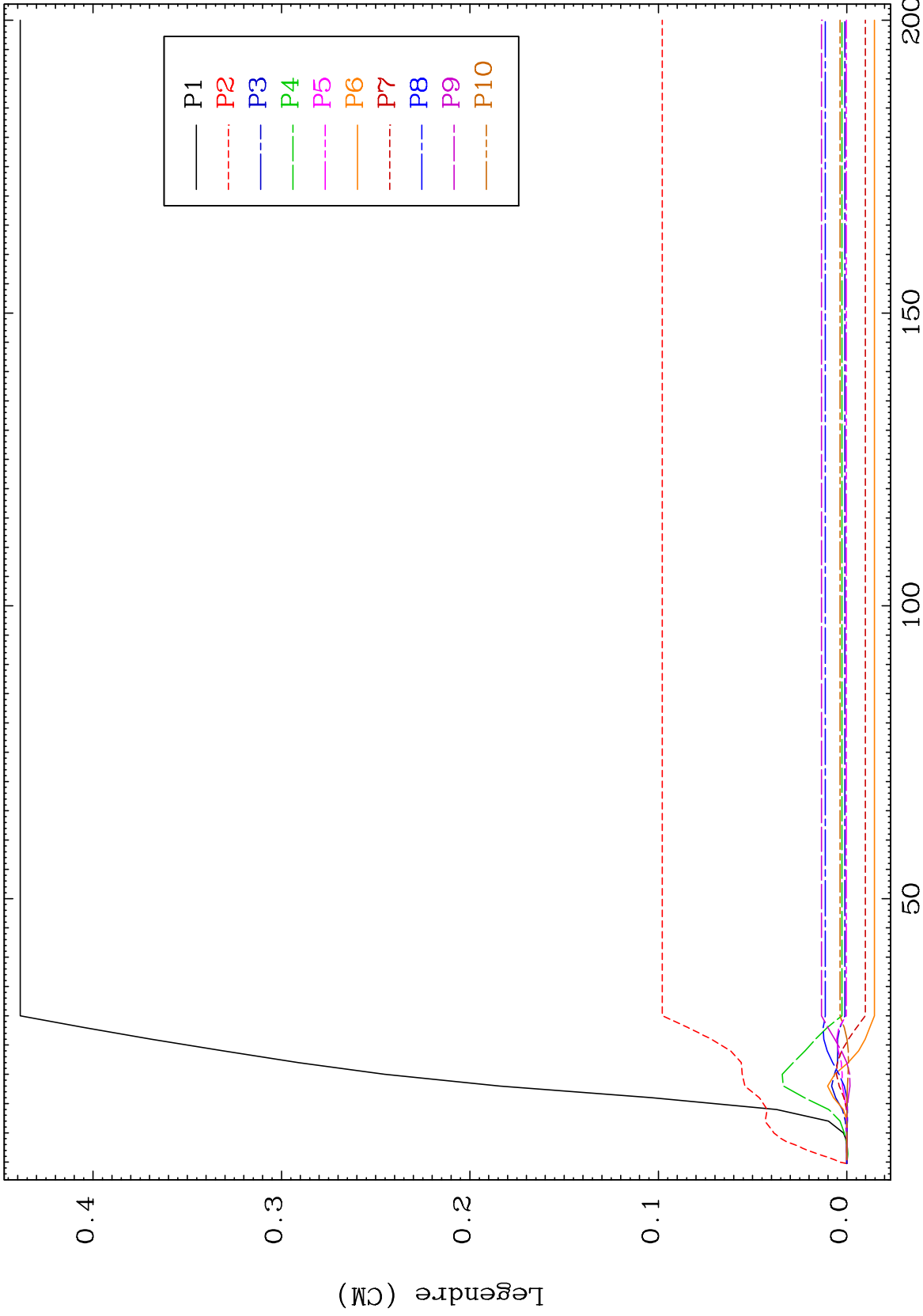
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



91

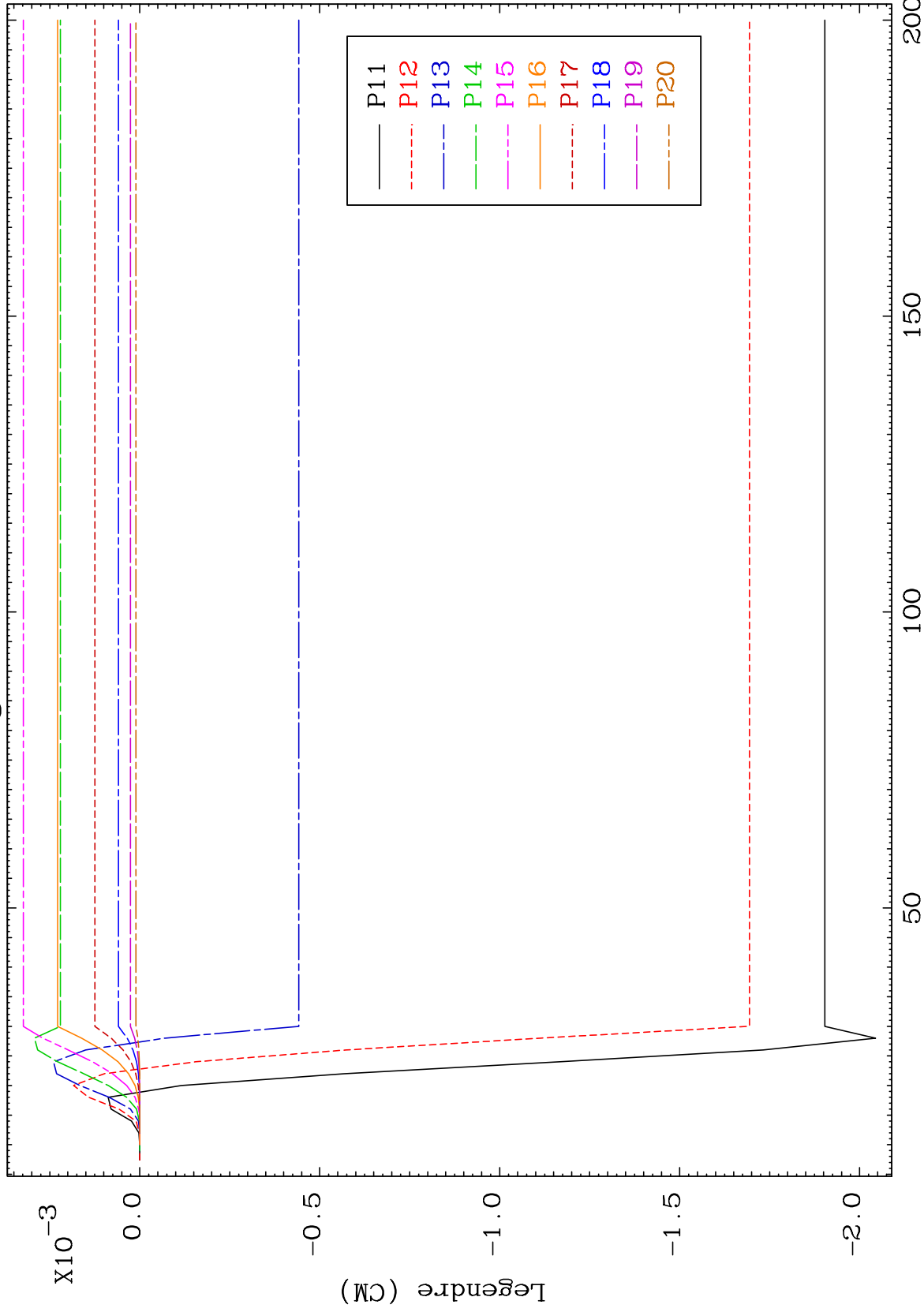
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



92

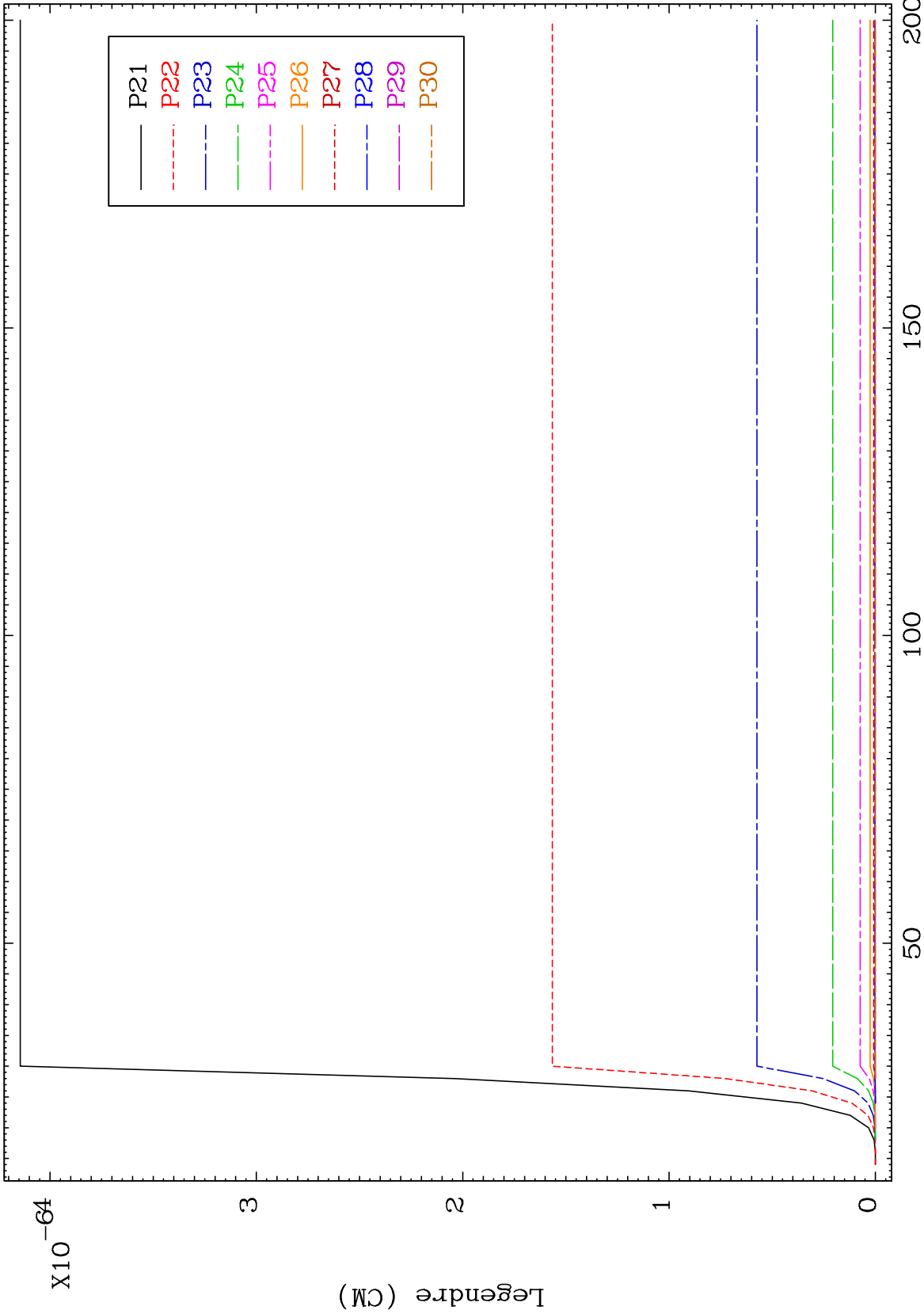
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



93

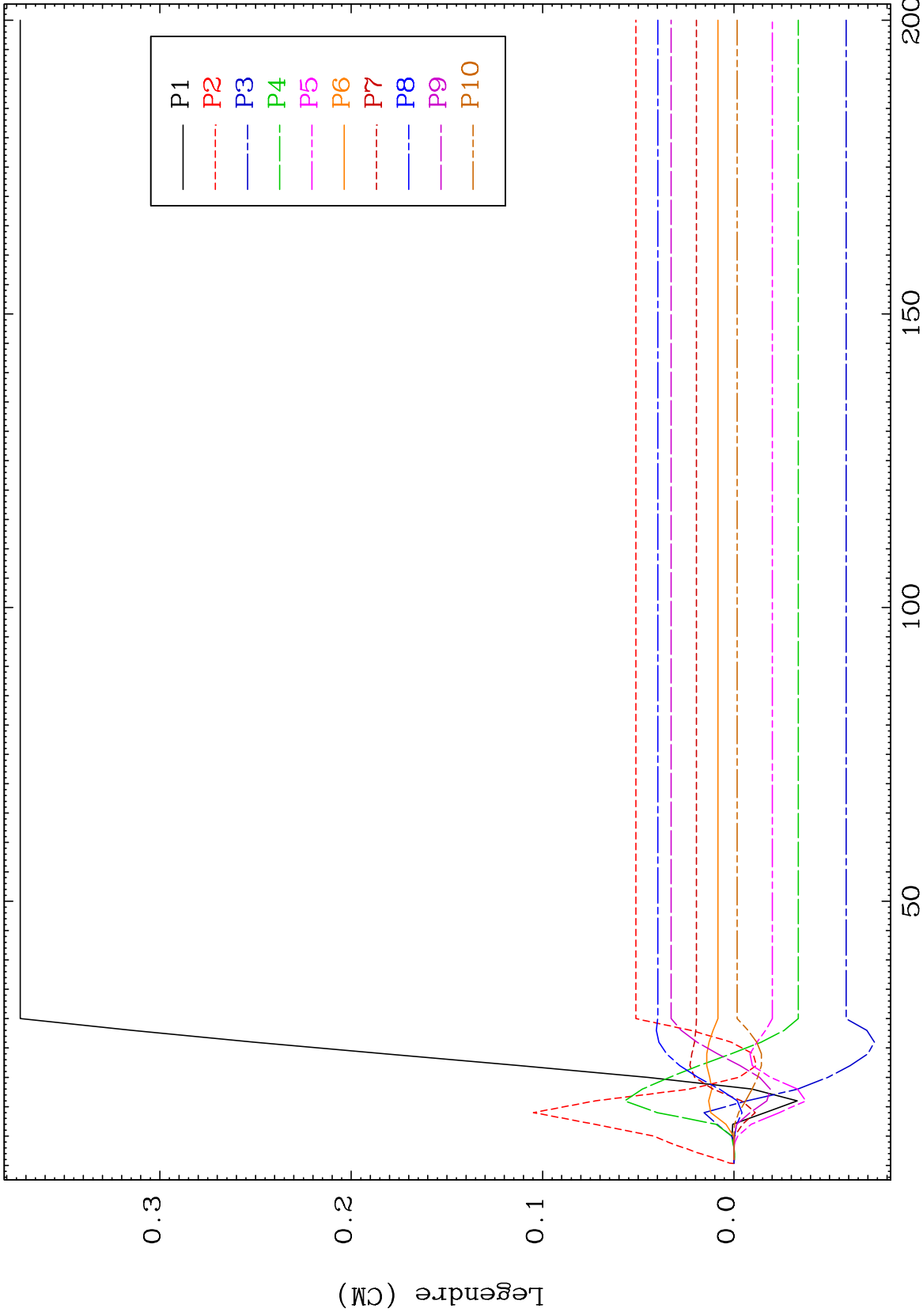
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



94

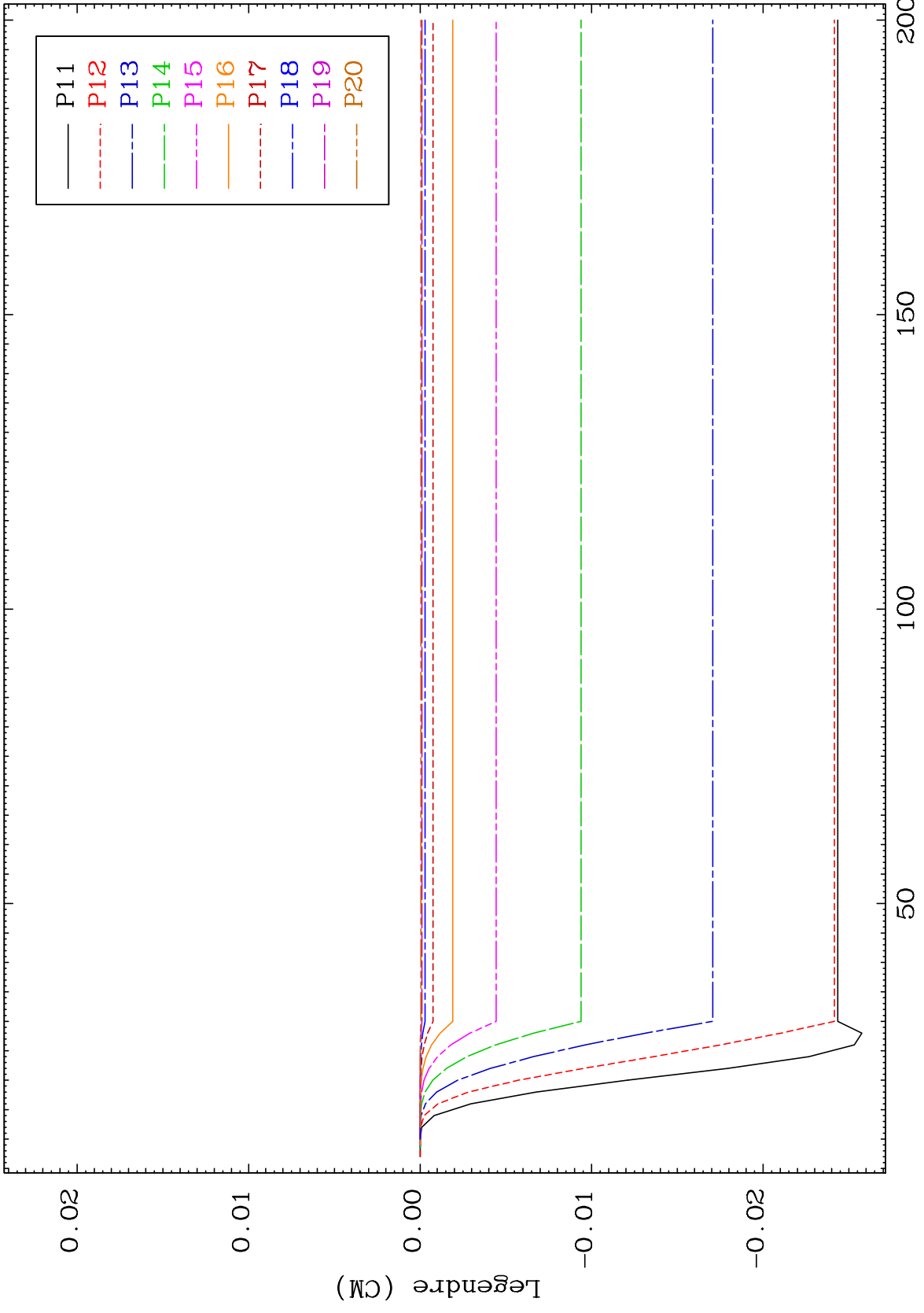
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



95

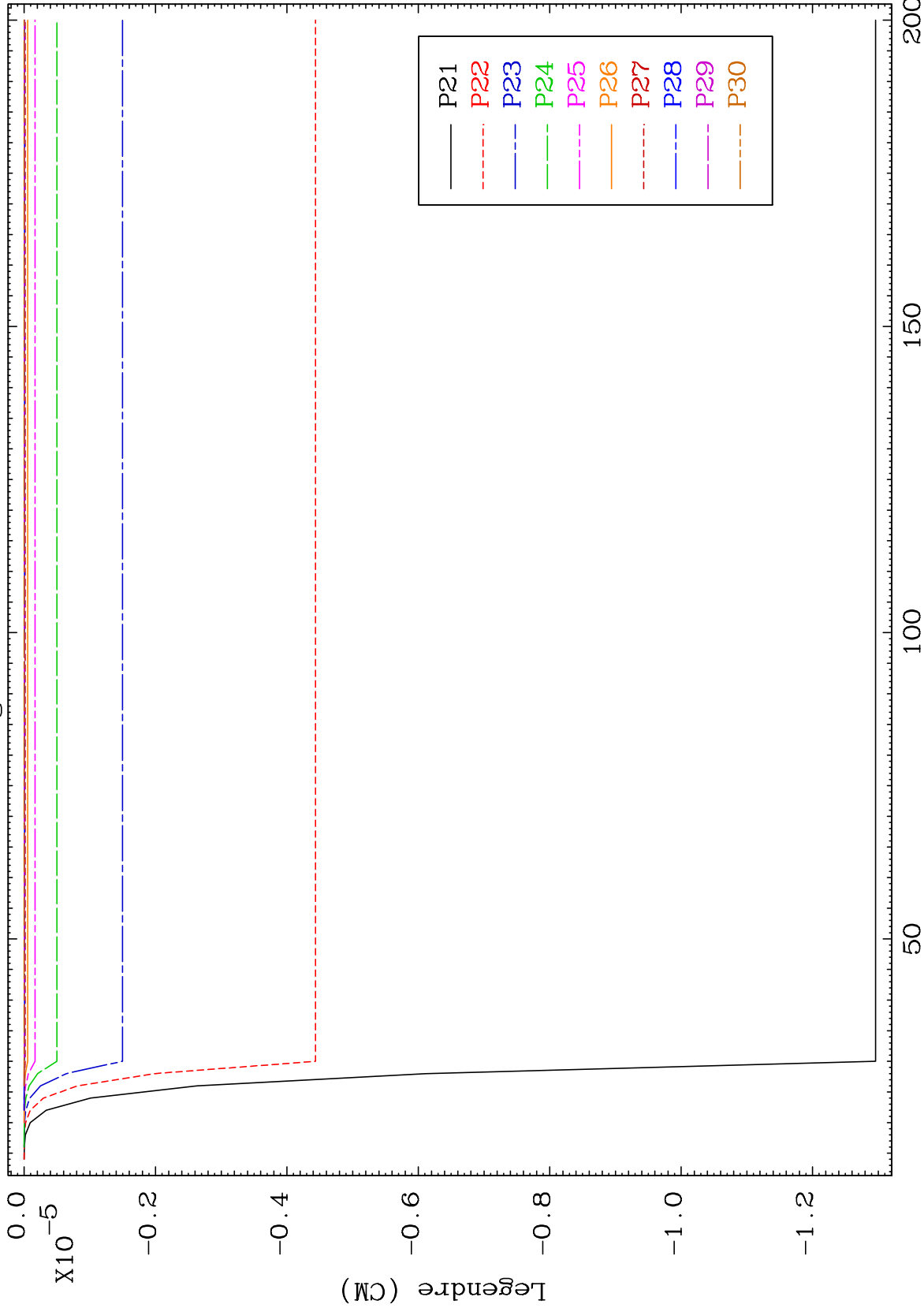
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



96

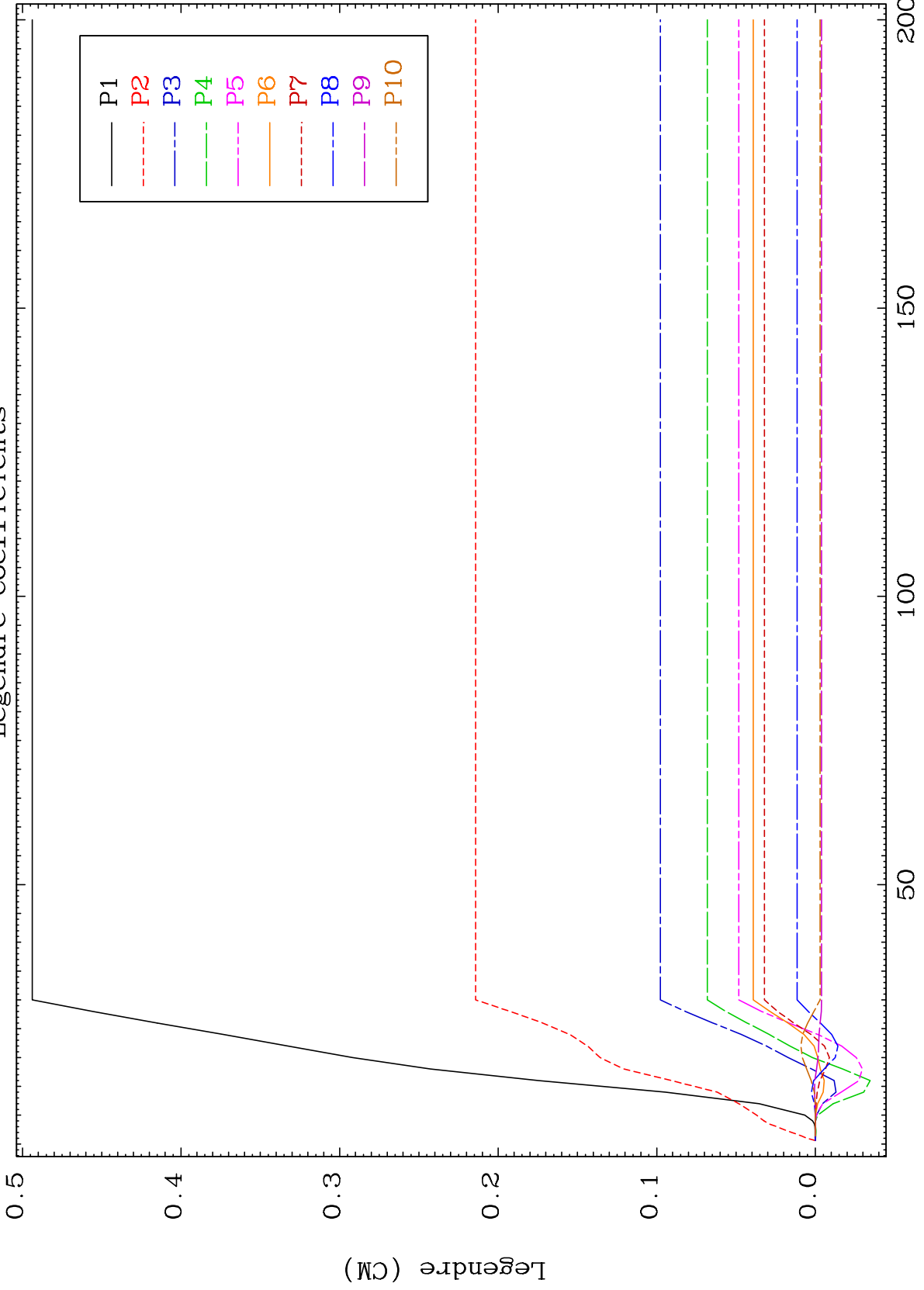
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



97

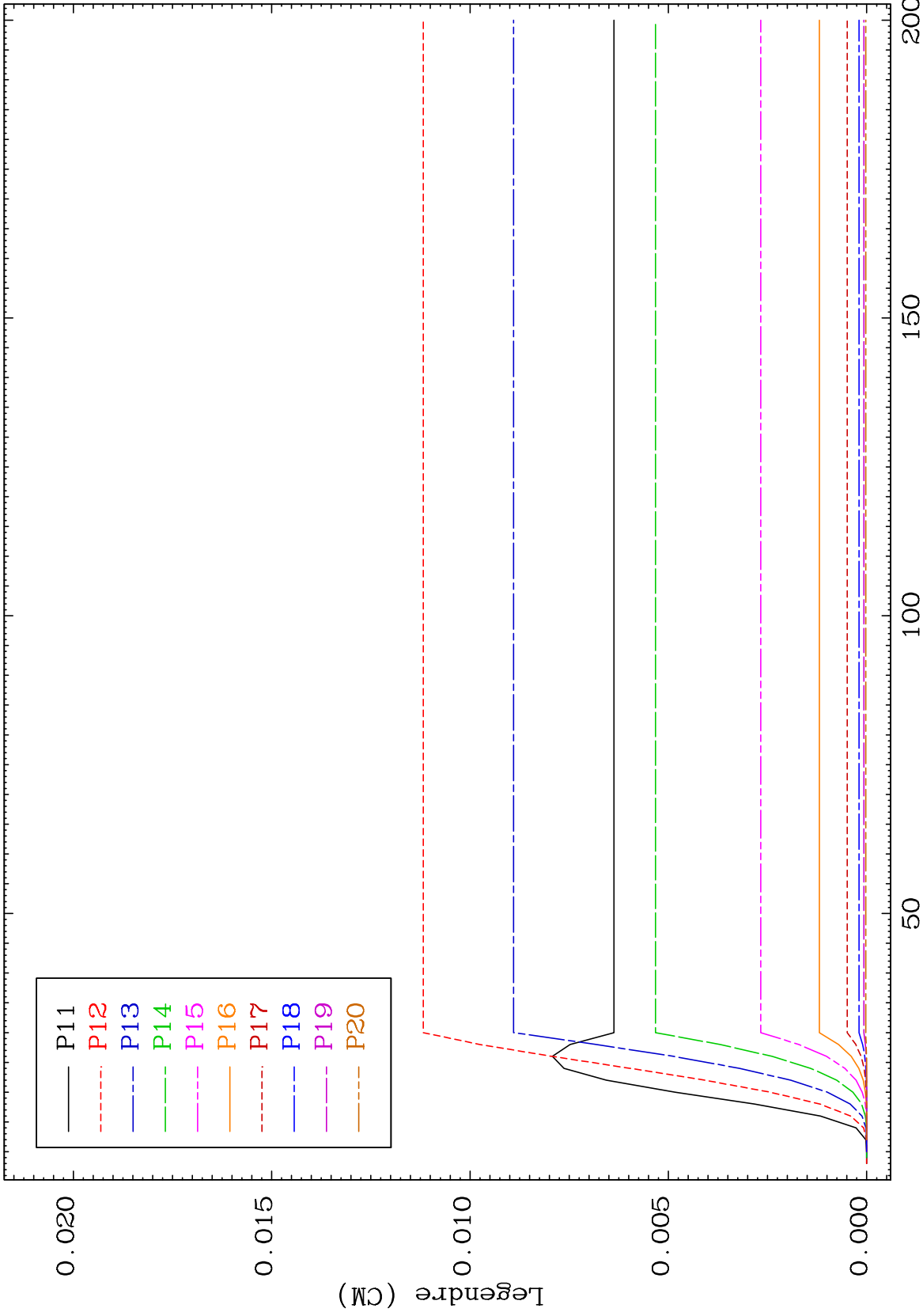
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



98

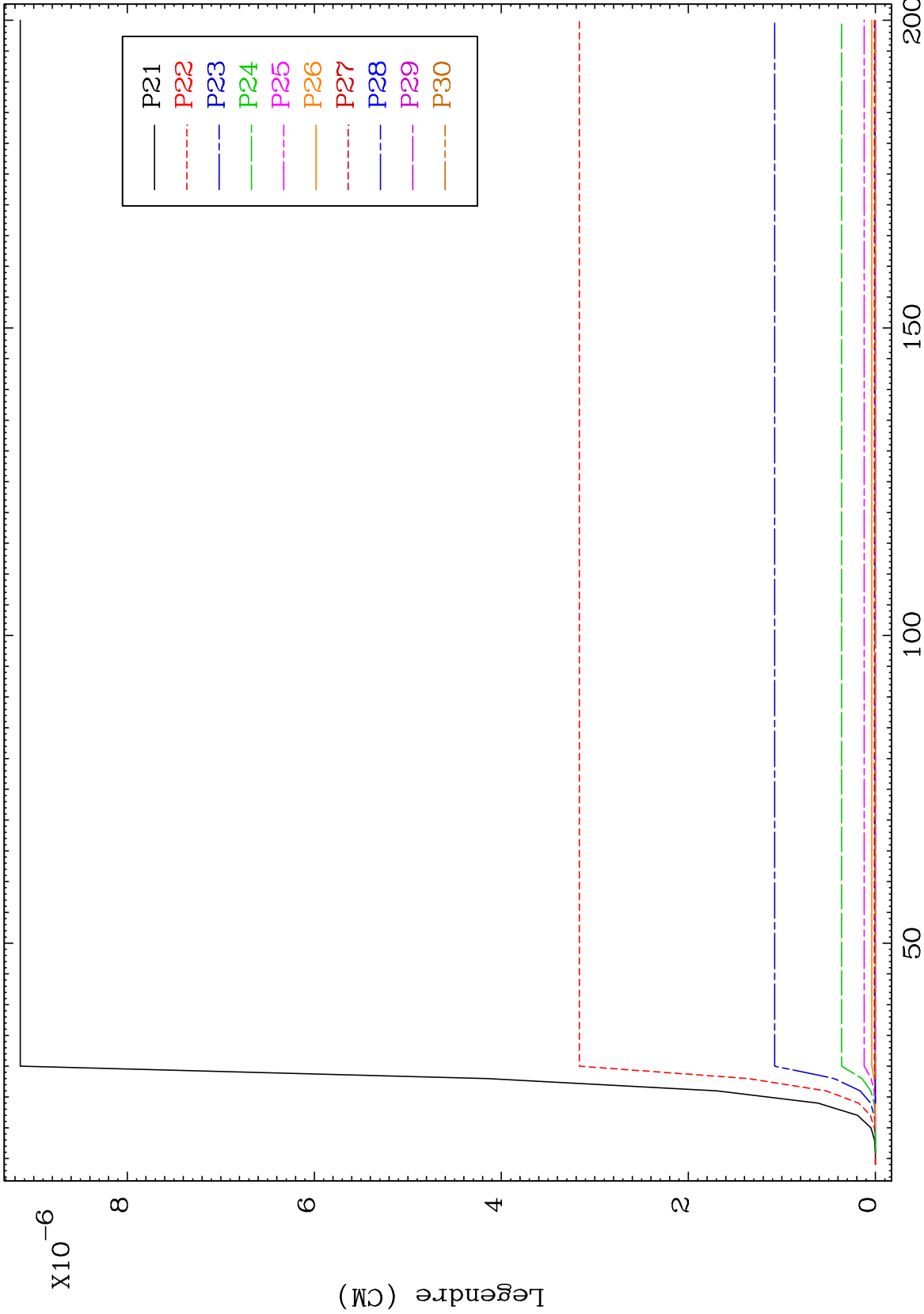
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



99

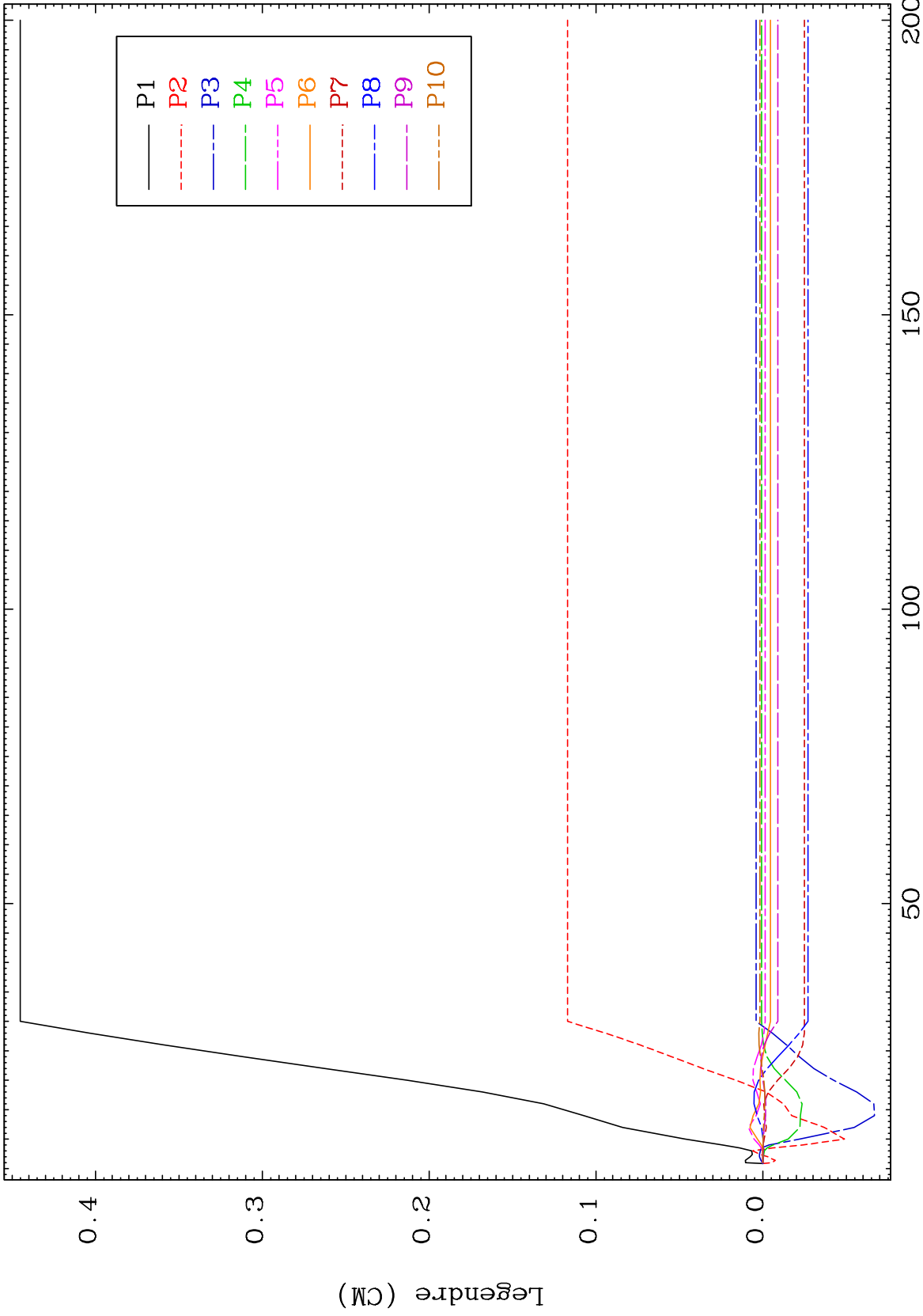
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



17-Cl-39

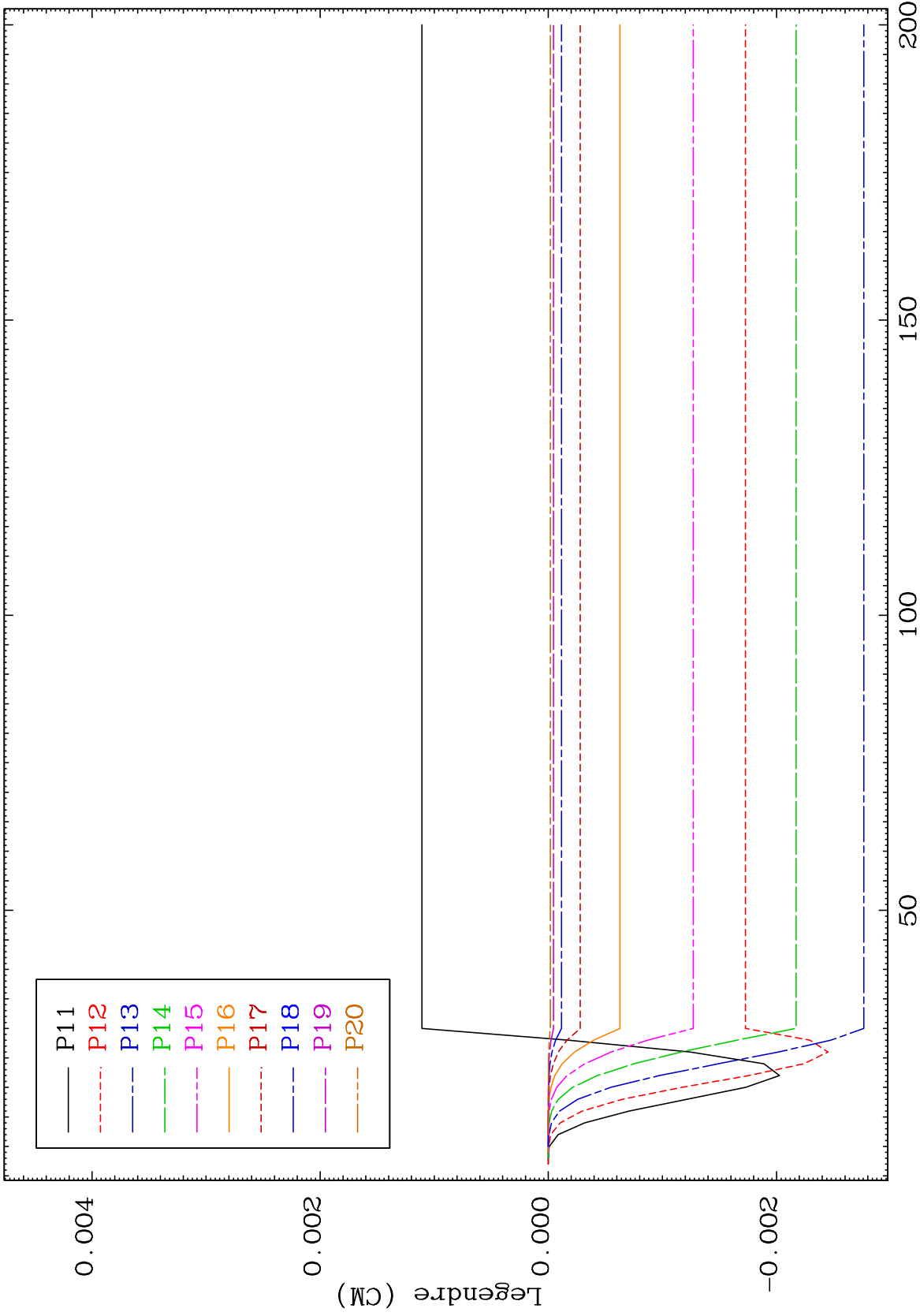
Incident Energy (MeV)

Legendre (CM)

MAT 1737

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

17-Cl-39

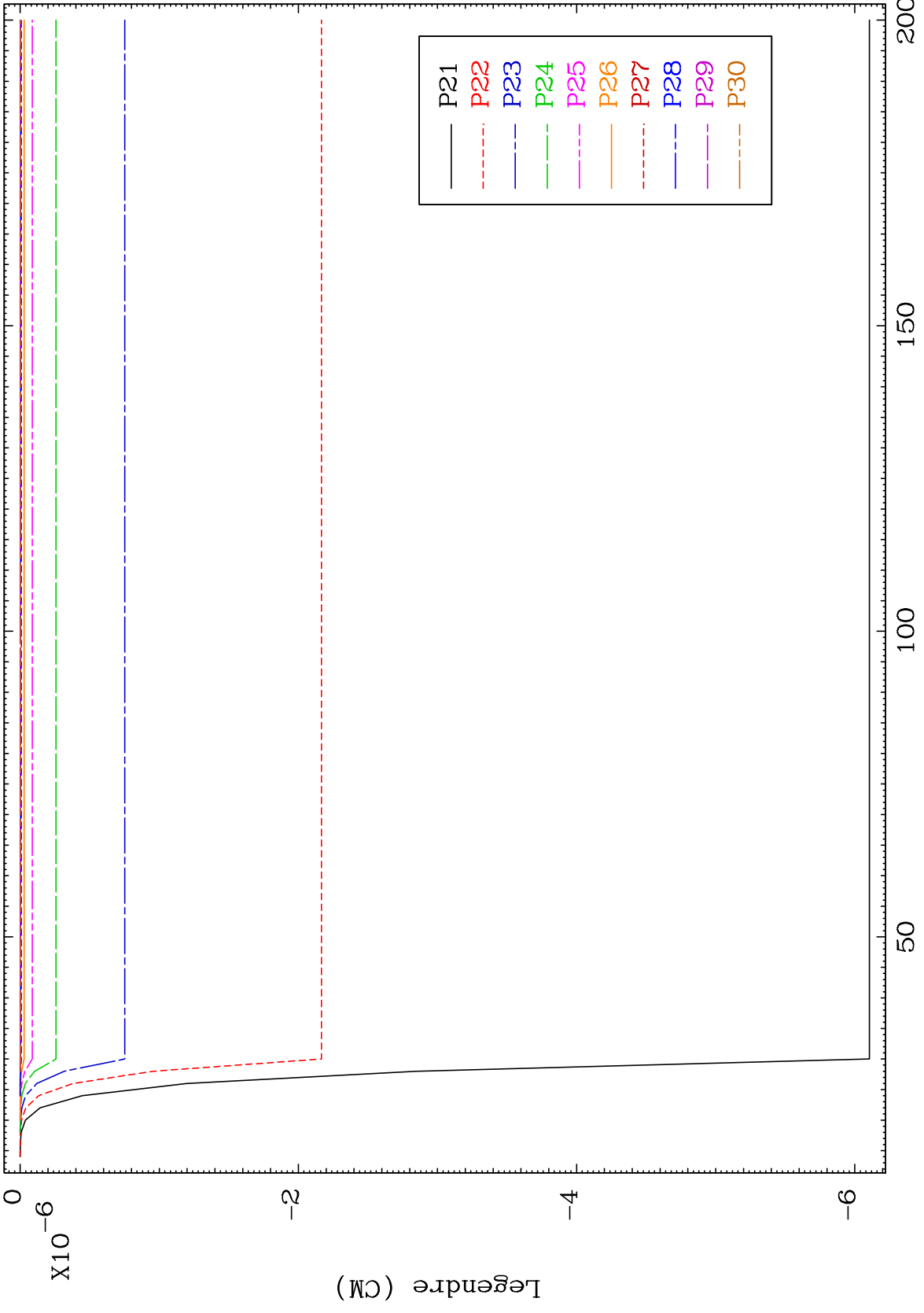


101

Incident Energy (MeV)

17-Cl-39

MAT 1737 MT= 78 (n,n') Level Legendre Coefficients 17-Cl-39

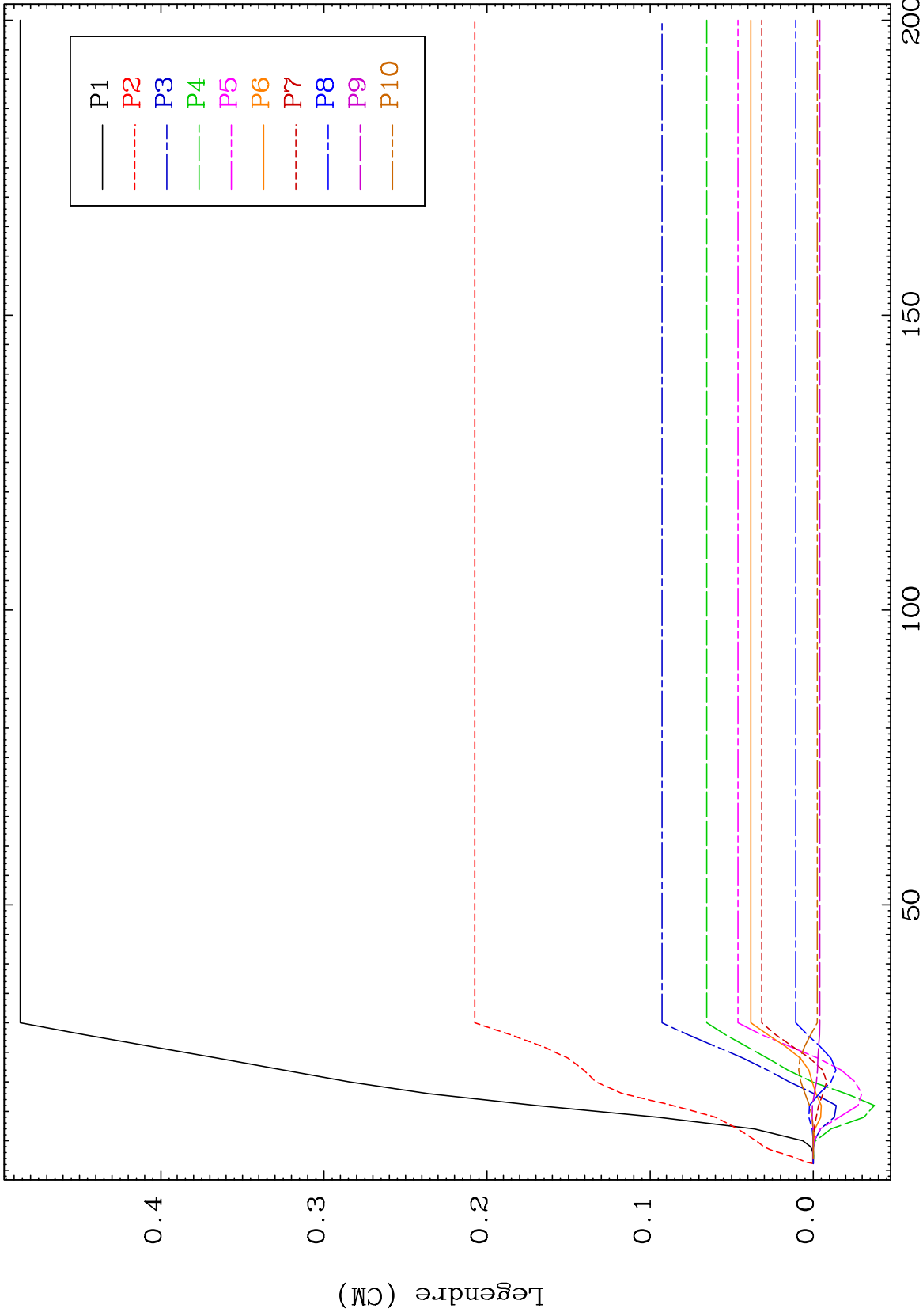


102 17-Cl-39

MAT 1737

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

17-Cl-39



103

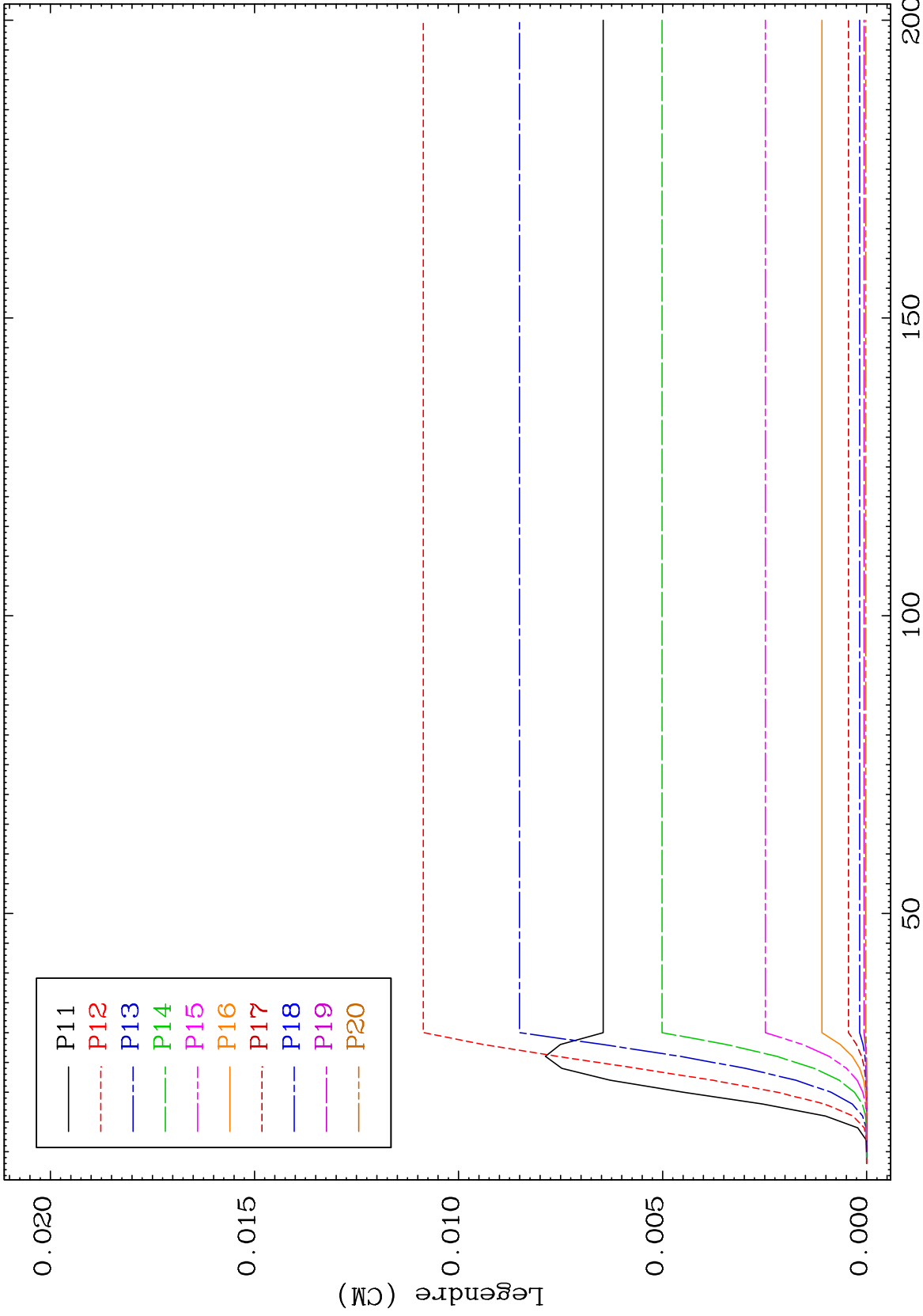
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



104

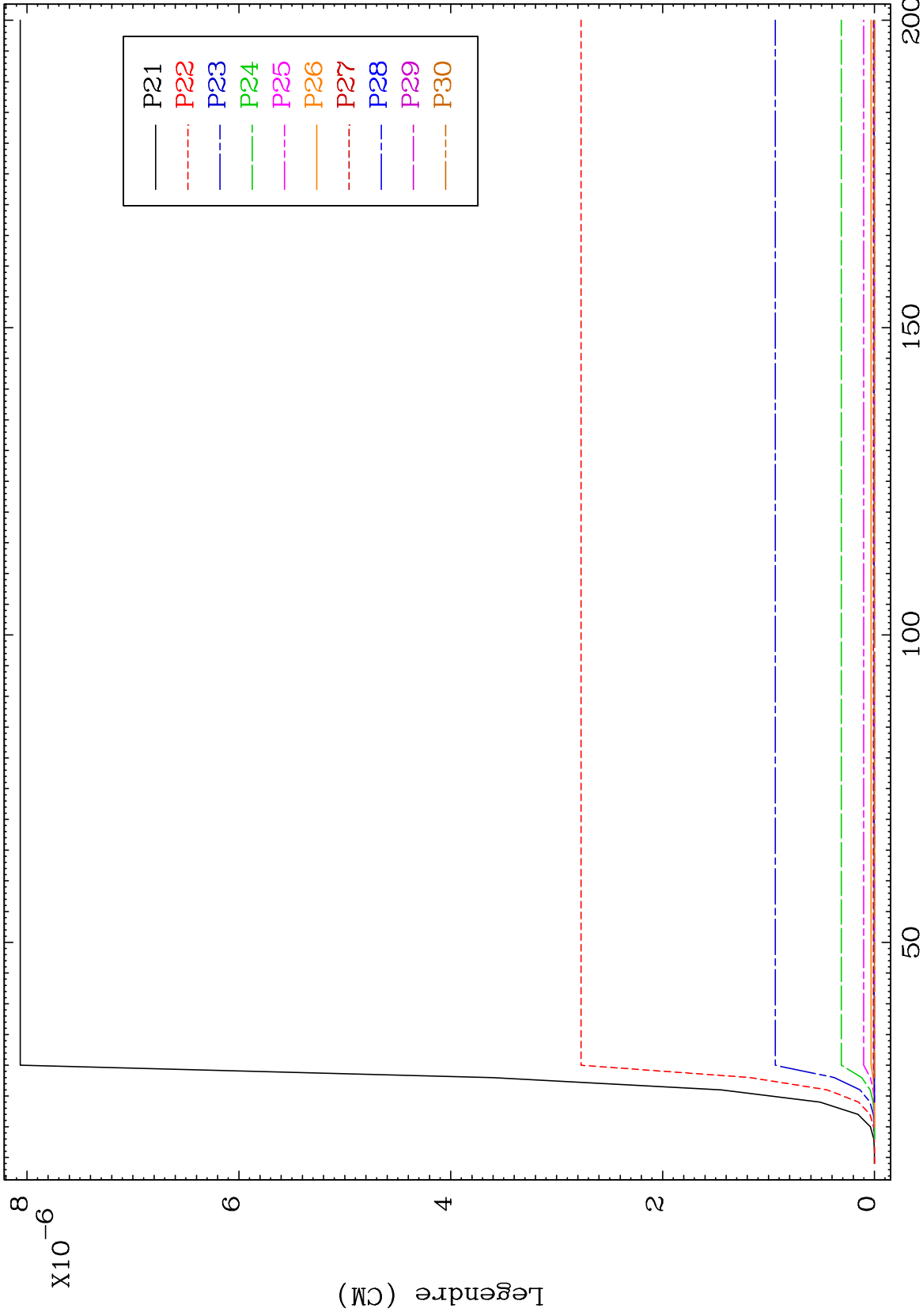
Incident Energy (MeV)

17-Cl-39

MAT 1737

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

17-Cl-39



105

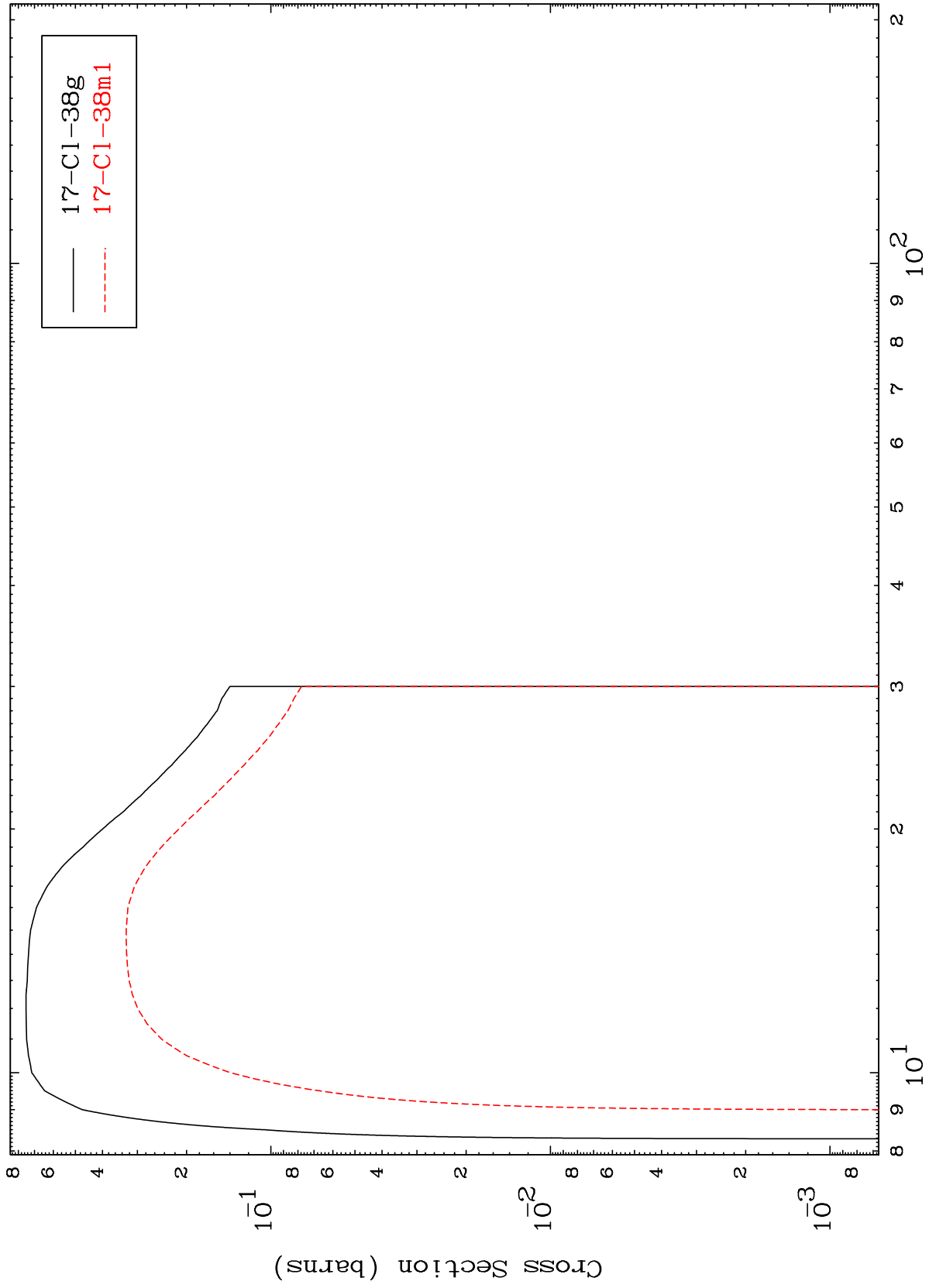
Incident Energy (MeV)

17-Cl-39

MAT 1737

17-Cl-39

(n,2n)
Radionuclide Production Cross Section



106

Incident Energy (MeV)

17-Cl-39