

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

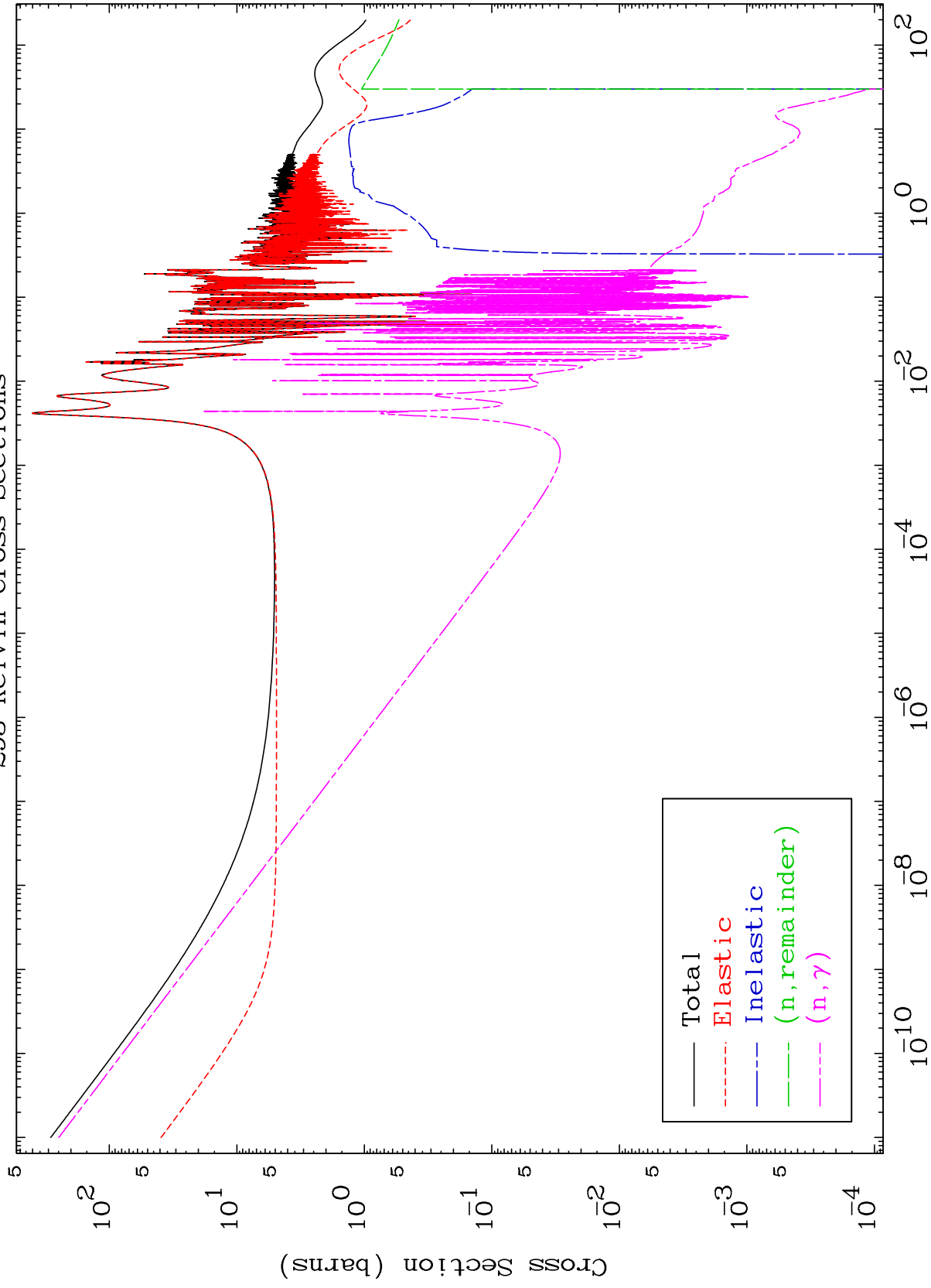
Press Mouse Button to Start

MAT 2328

Major

293 Kelvin Cross Sections

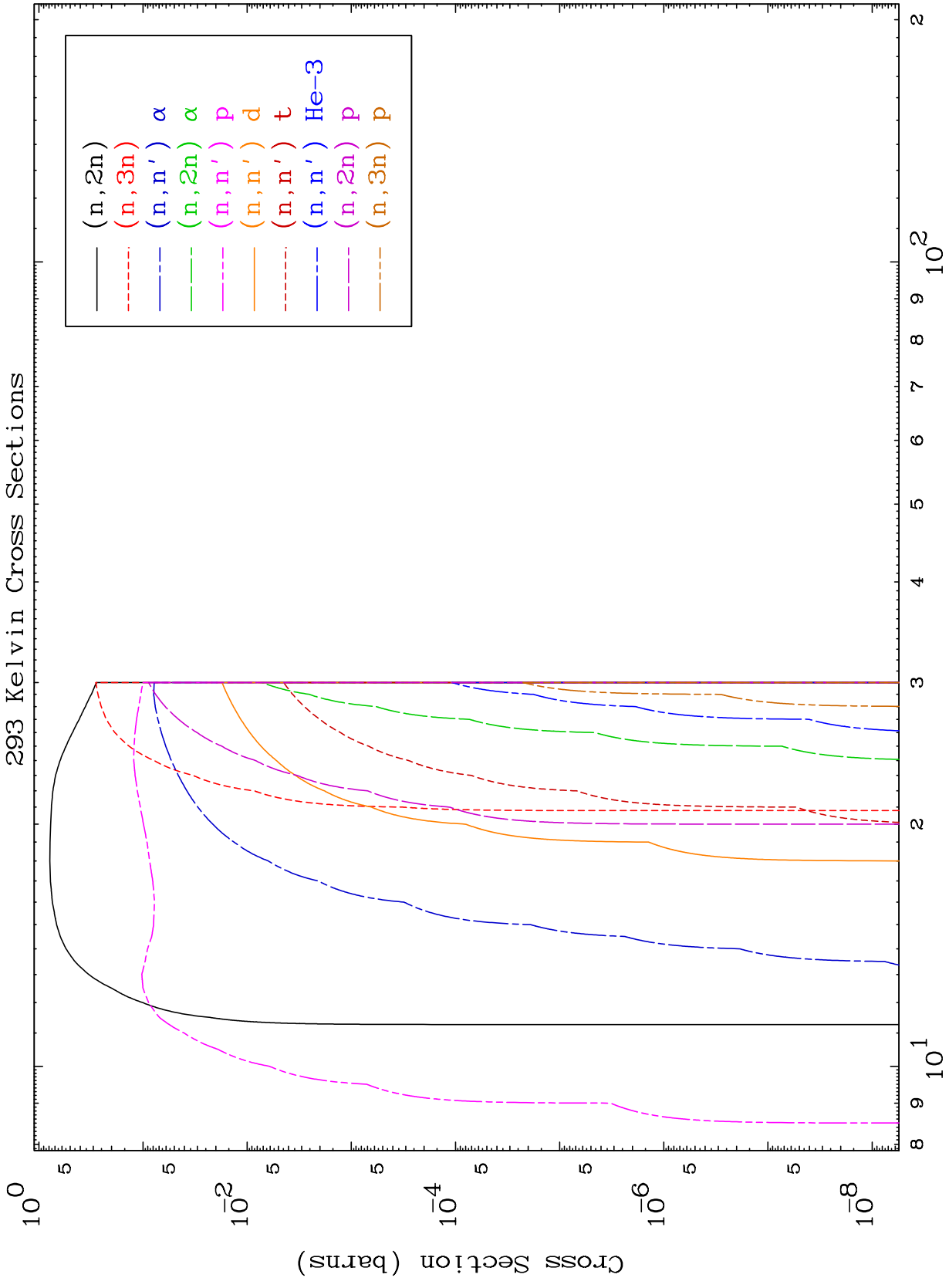
23-V -51



MAT 2328

Neutron Production
293 Kelvin Cross Sections

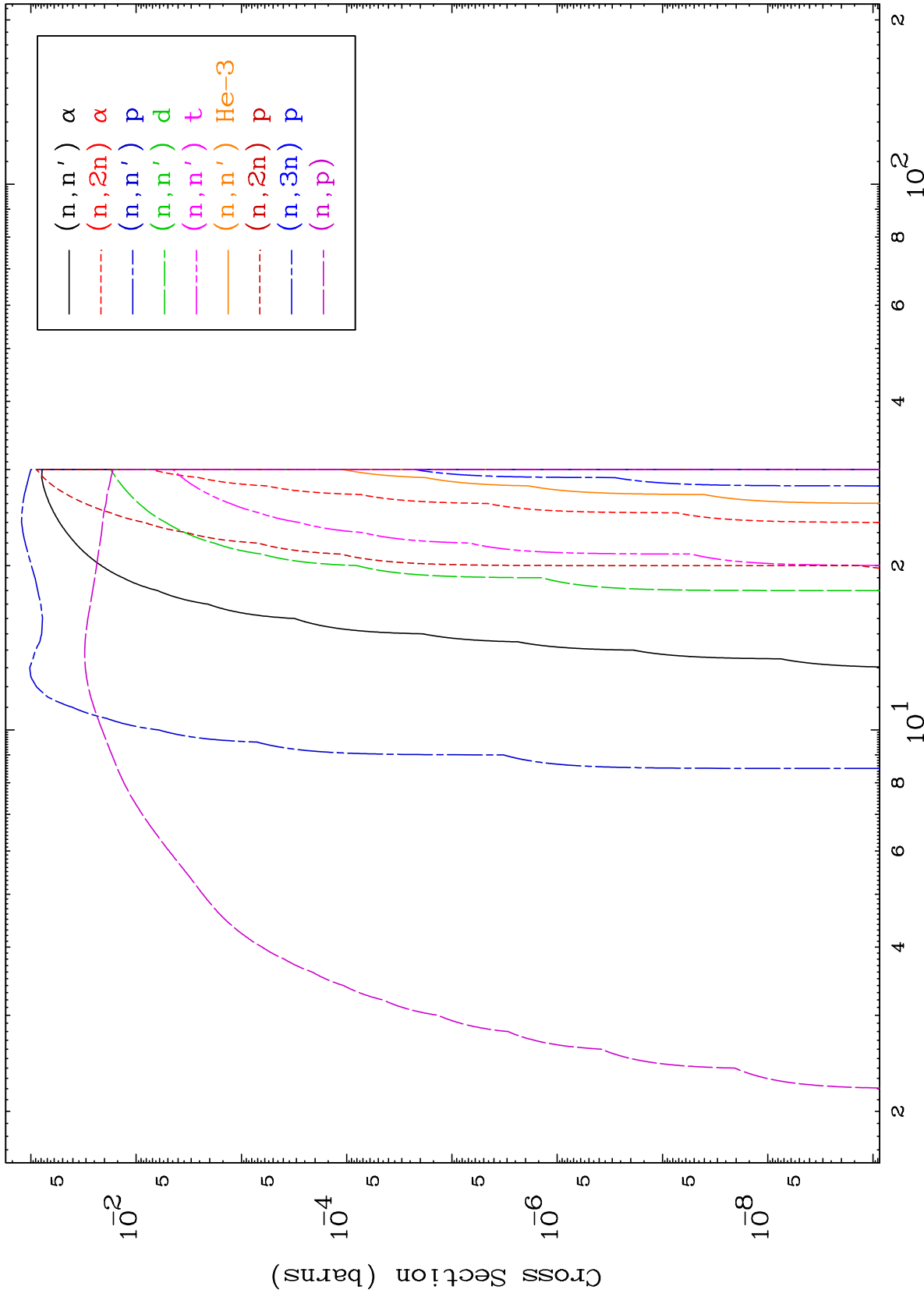
23-V -51

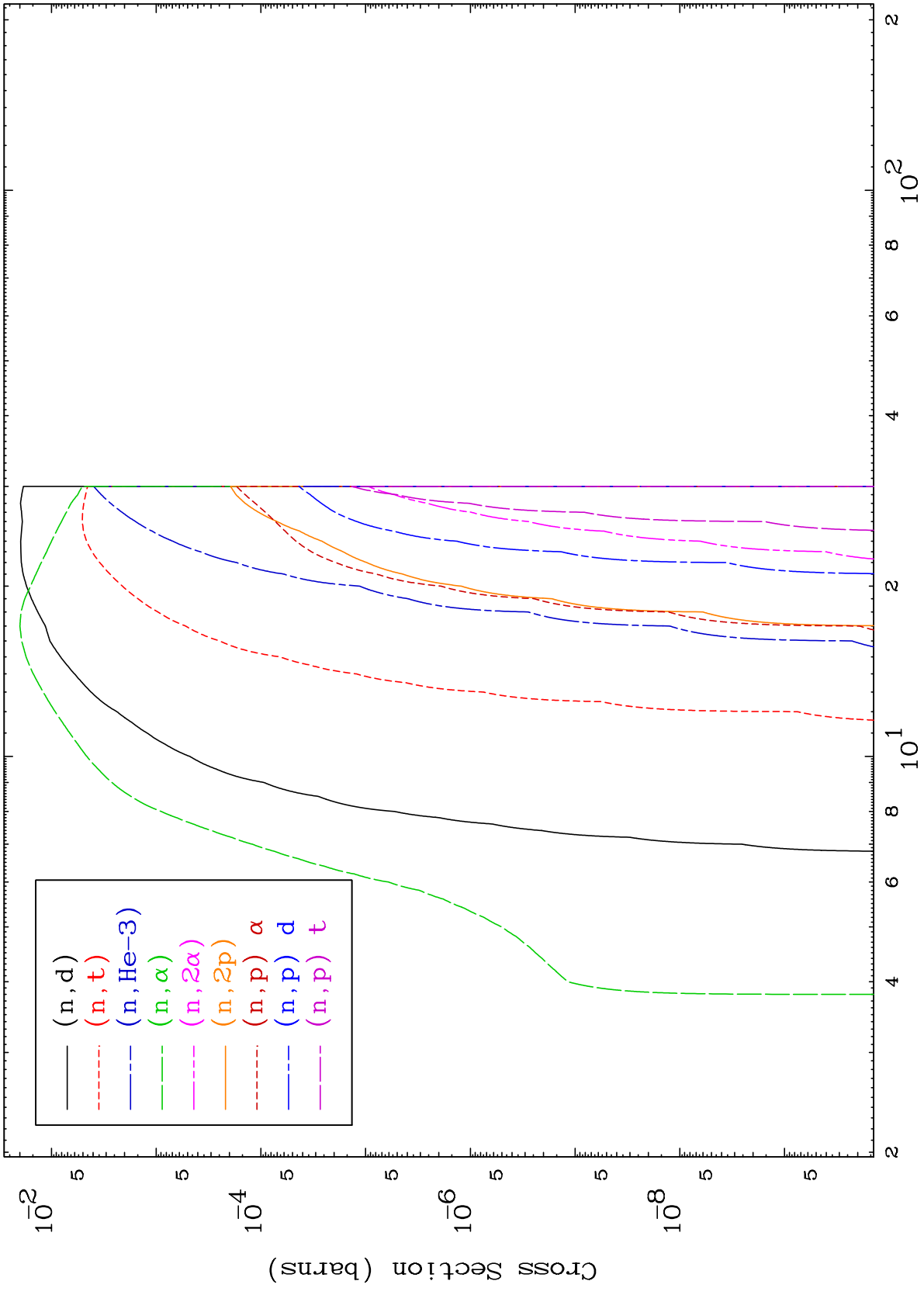


2

Incident Energy (MeV)

23-V -51

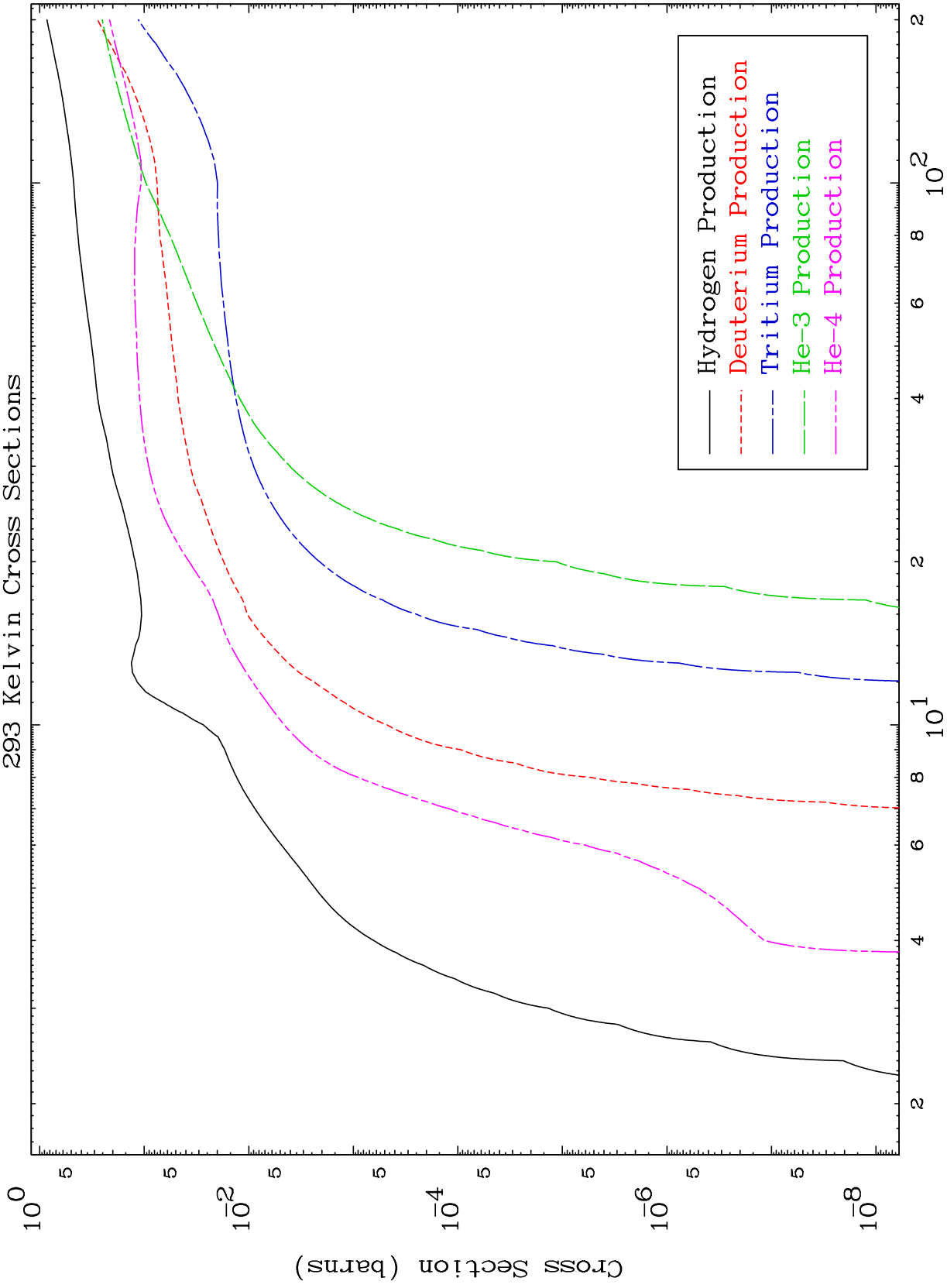




MAT 2328

Particle Production
293 Kelvin Cross Sections

23-V -51



5

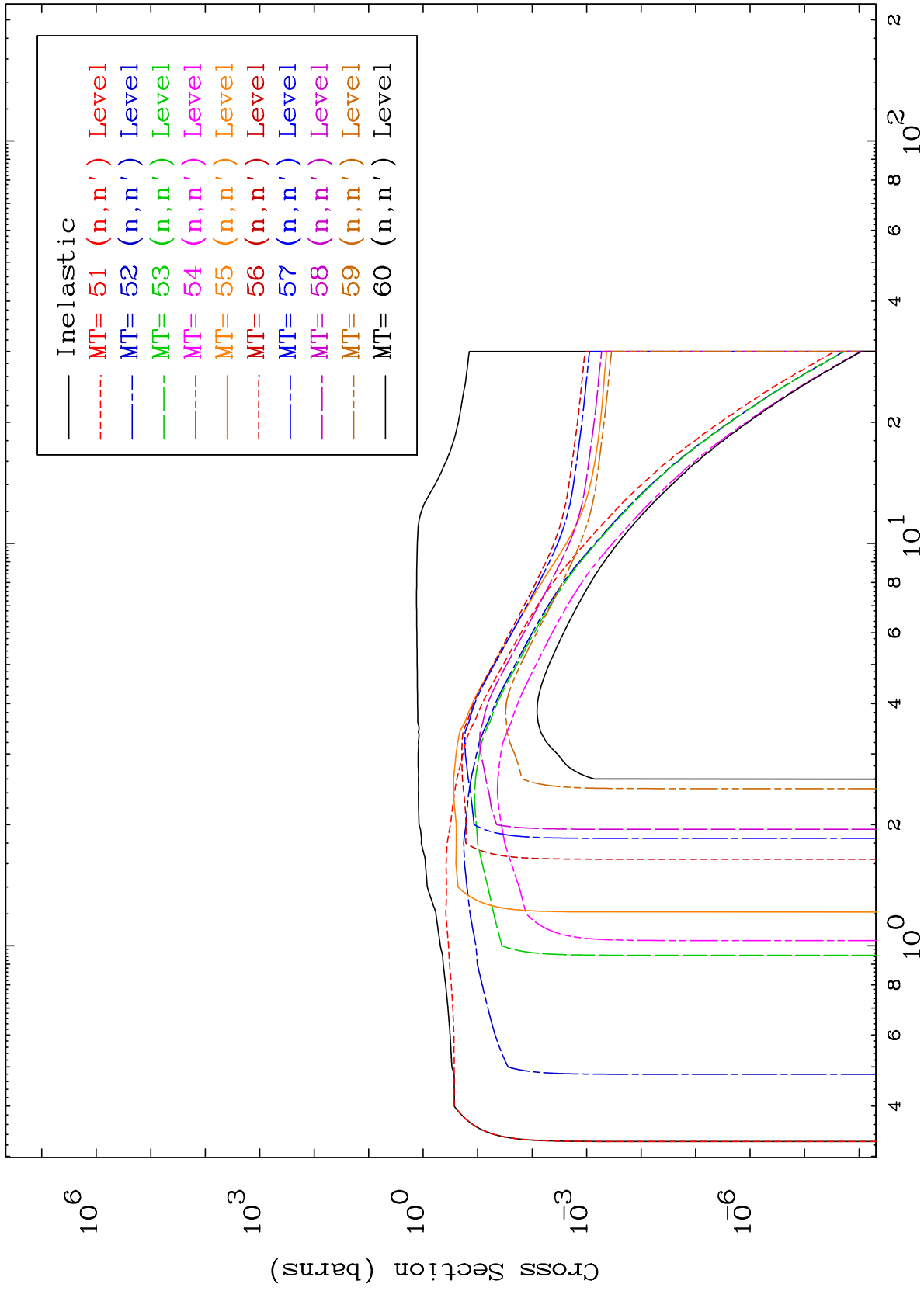
Incident Energy (MeV)

23-V -51

MAT 2328

(n,n') Level
293 Kelvin Cross Sections

23-V -51



6

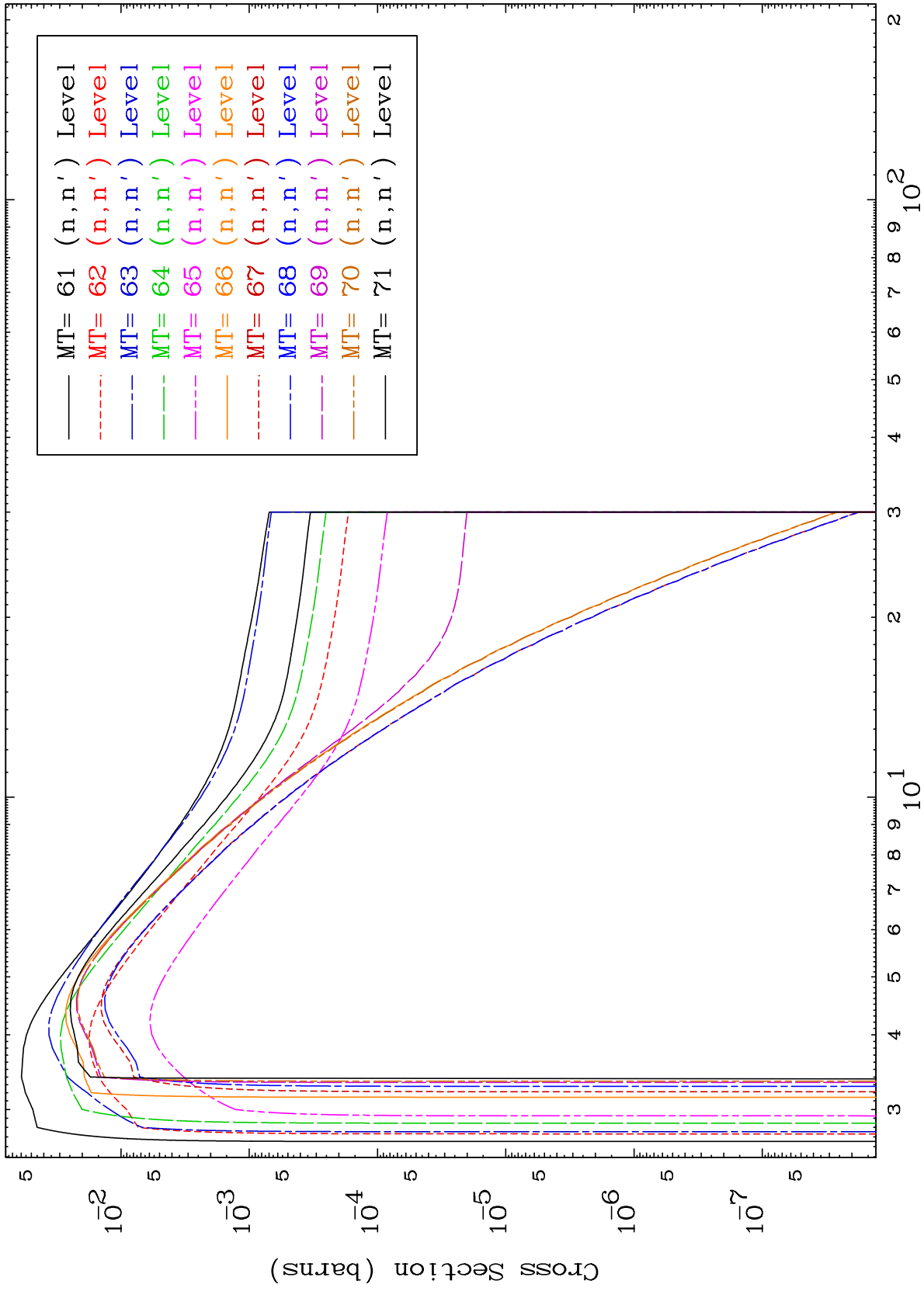
Incident Energy (MeV)

23-V -51

MAT 2328

(n,n') Level
293 Kelvin Cross Sections

23-V -51



7

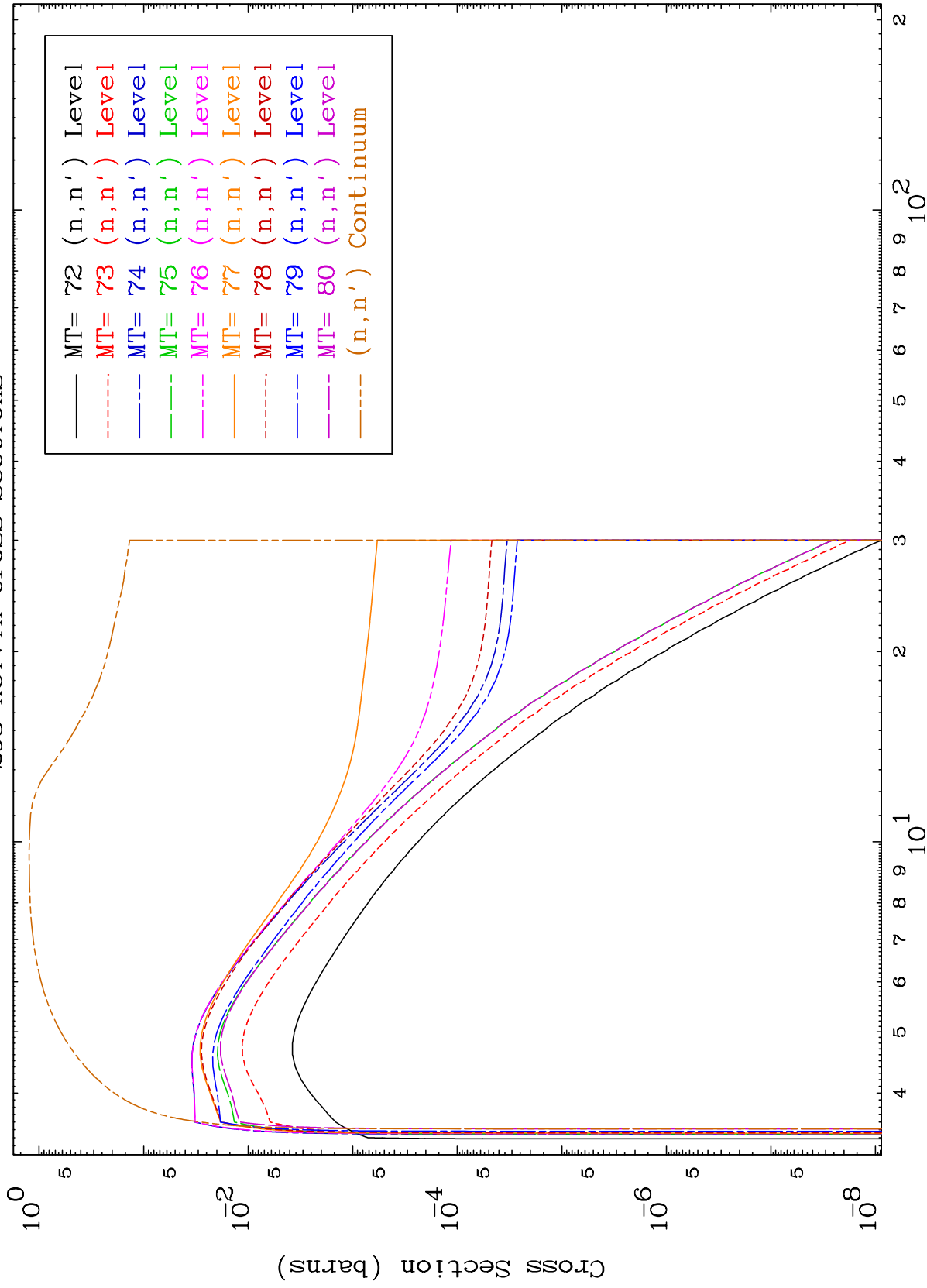
Incident Energy (MeV)

23-V -51

MAT 2328

(n,n') Level
293 Kelvin Cross Sections

23-V -51



8

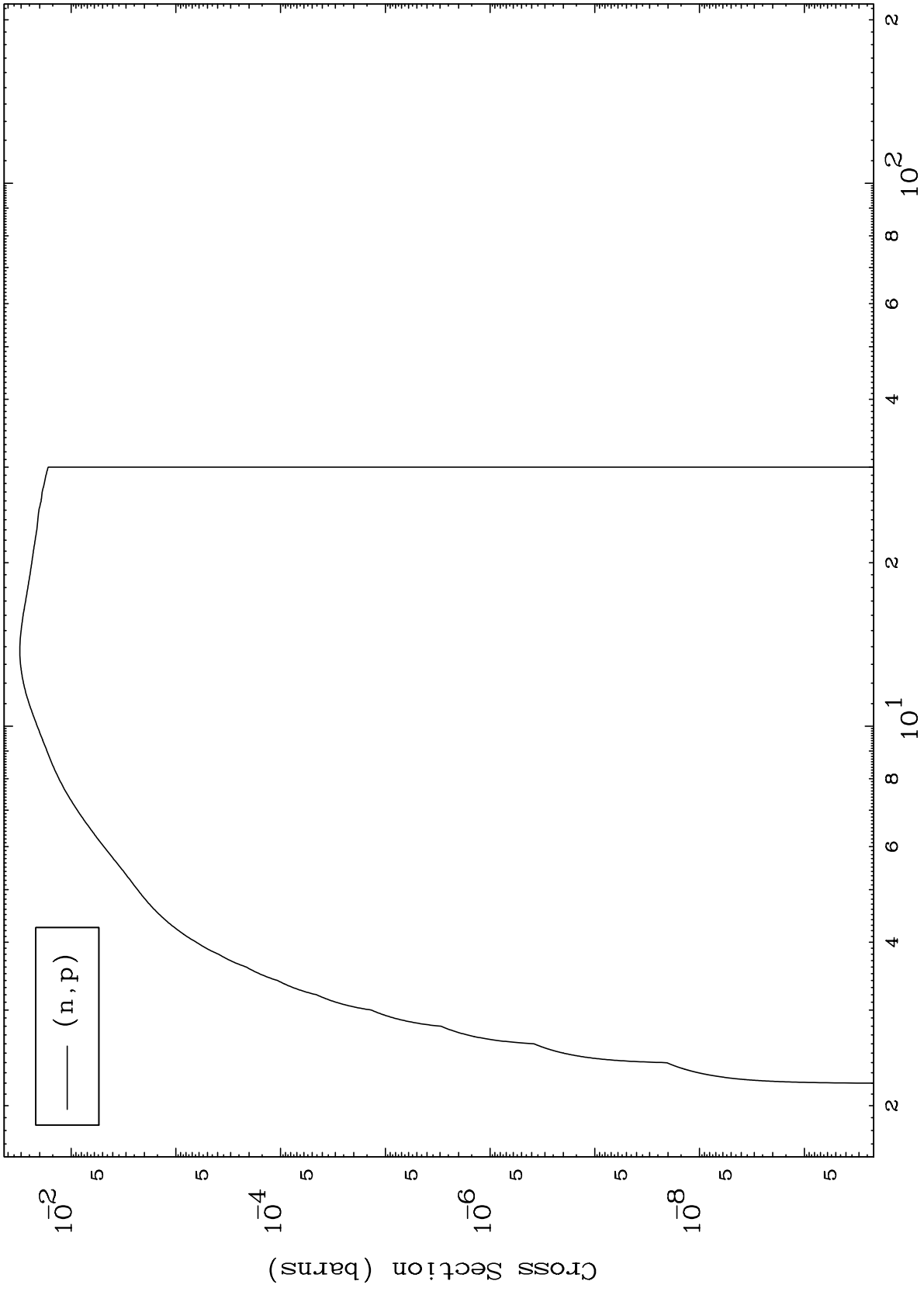
Incident Energy (MeV)

23-V -51

MAT 2328

(n,p) Levels
293 Kelvin Cross Sections

23-V -51

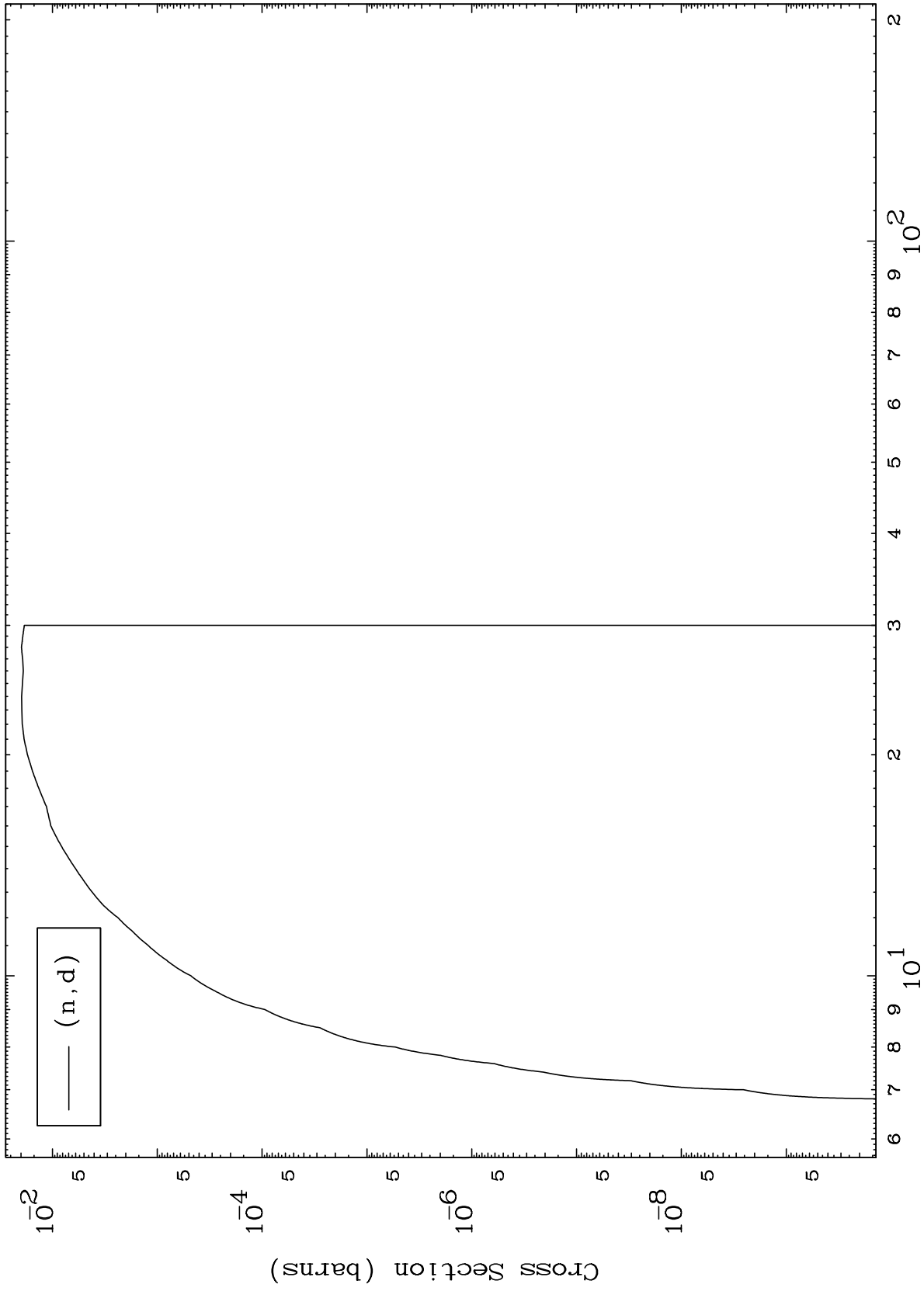


(n,p)

MAT 2328

(n,d) Levels
293 Kelvin Cross Sections

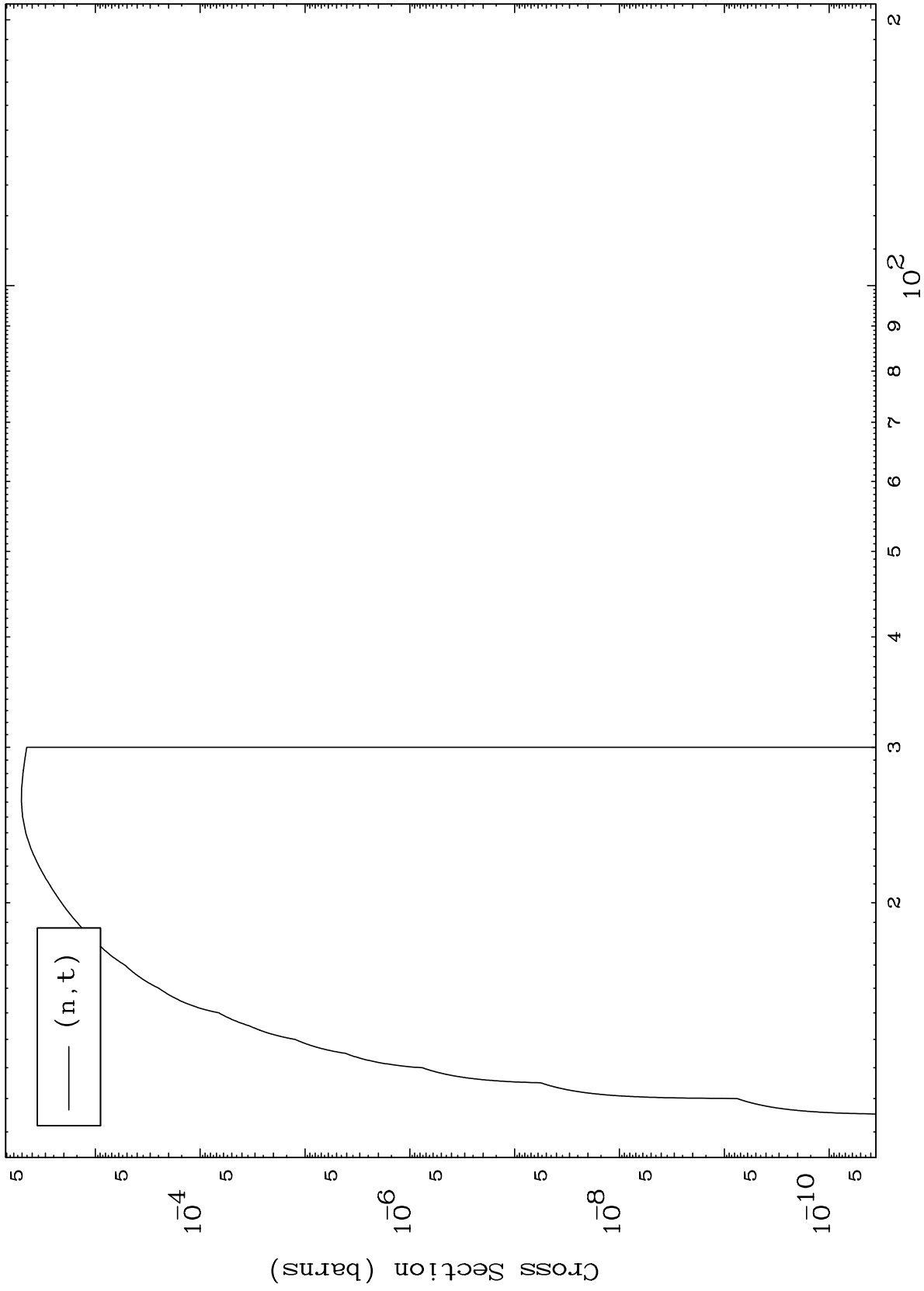
23-V -51

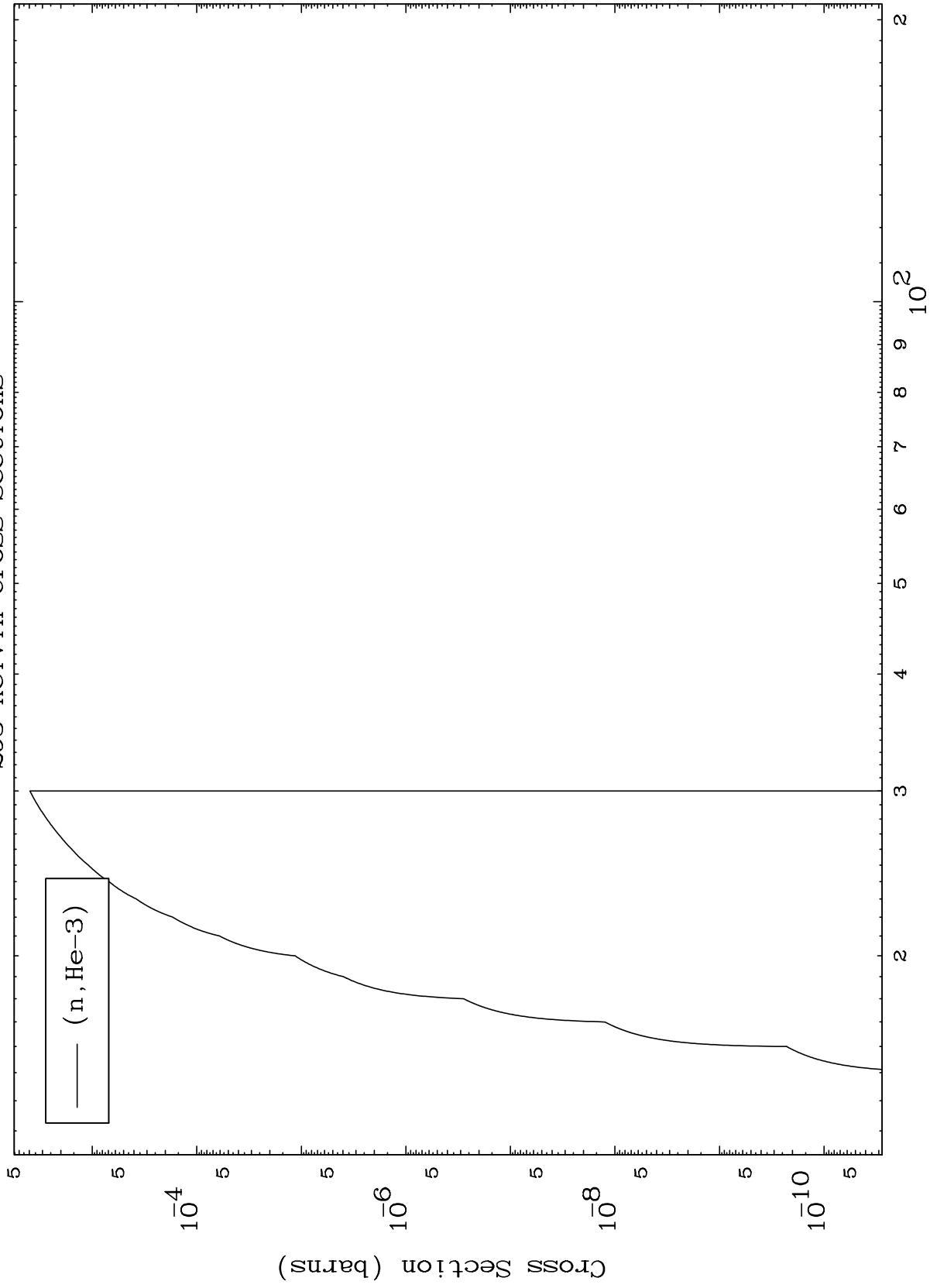


10

Incident Energy (MeV)

23-V -51

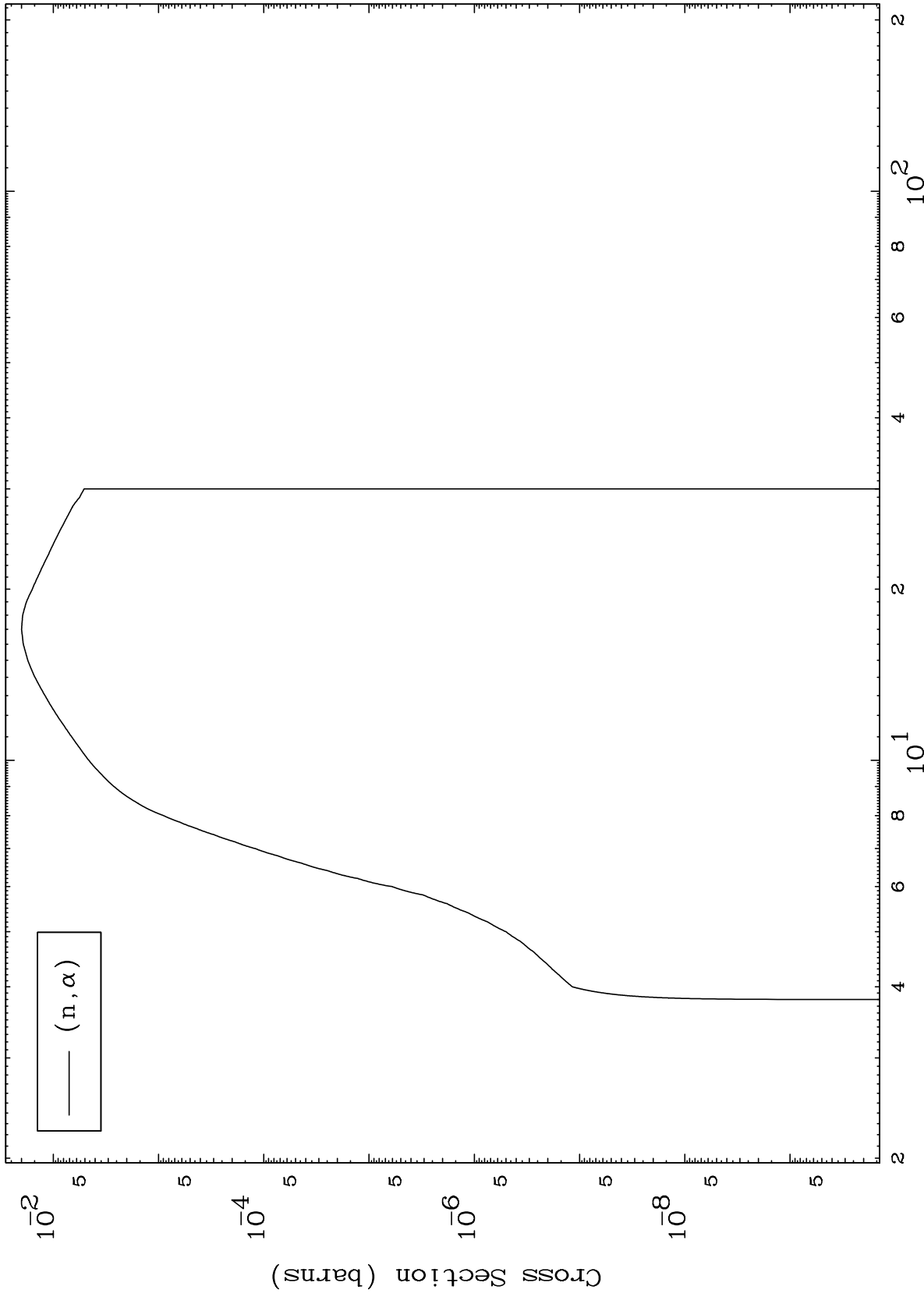




MAT 2328

(n,α) Levels
293 Kelvin Cross Sections

23-V -51

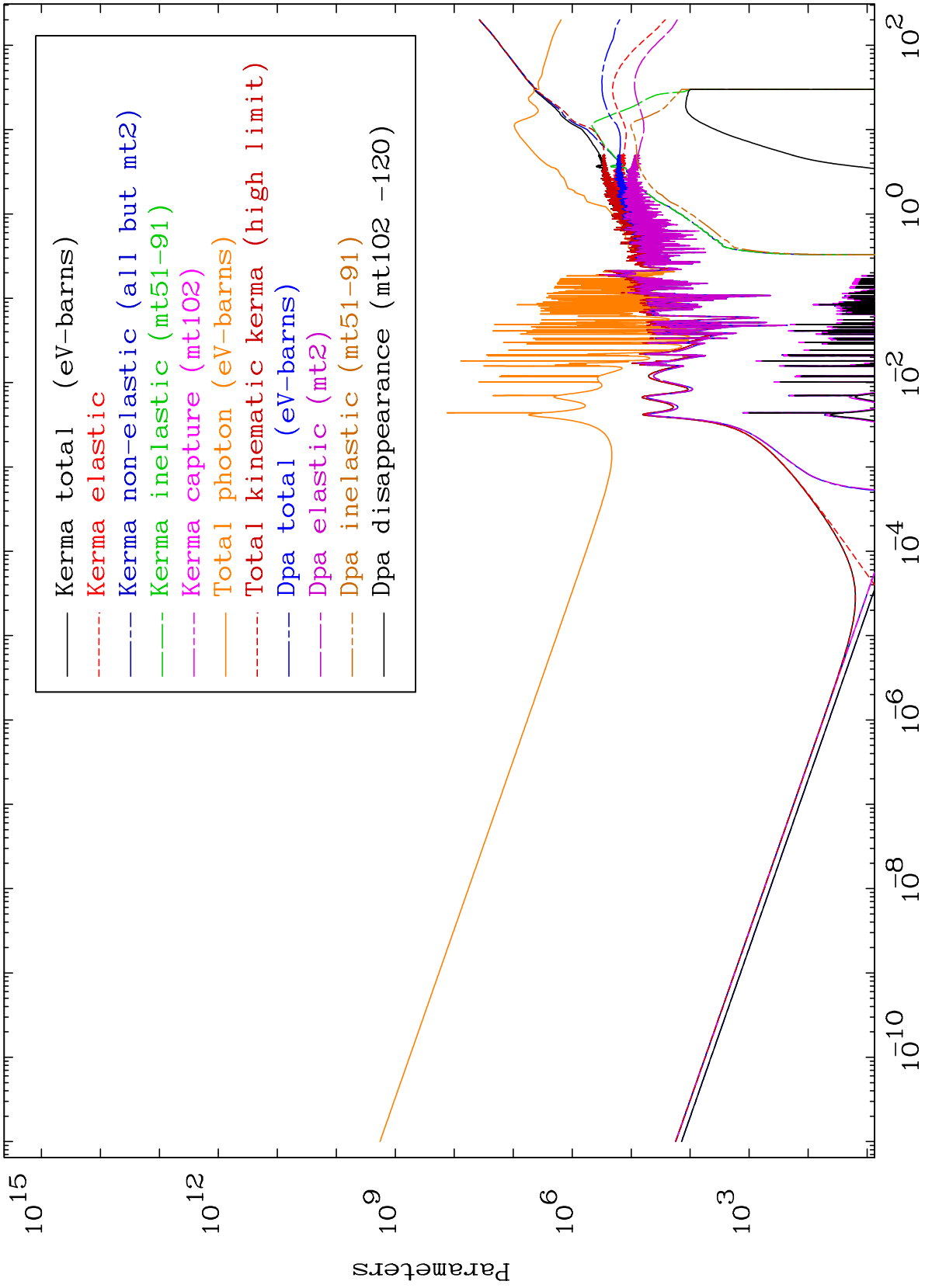


(n,α)

13

Incident Energy (MeV)

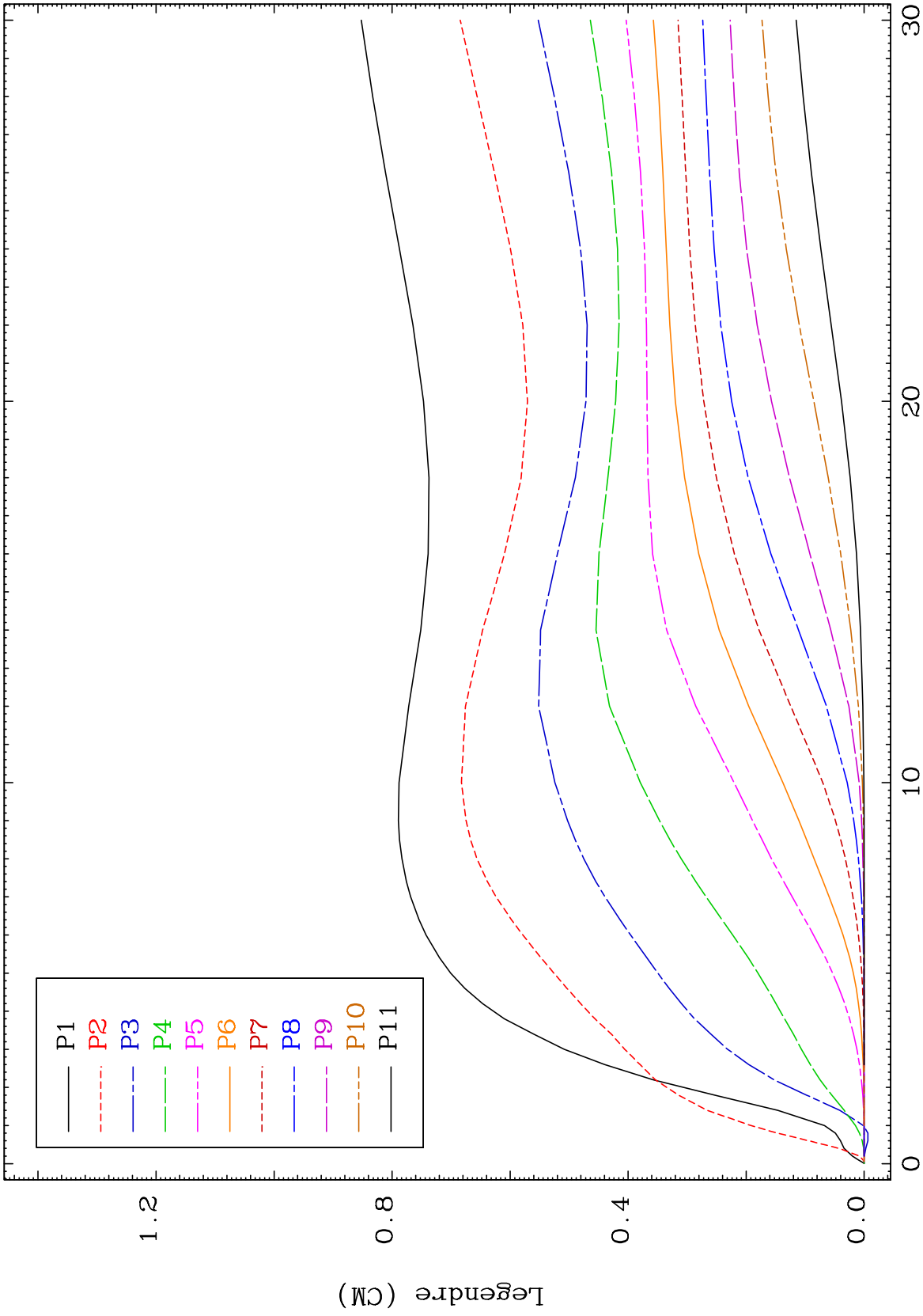
23-V -51



MAT 2328

Elastic Legendre Coefficients

23-V -51



15

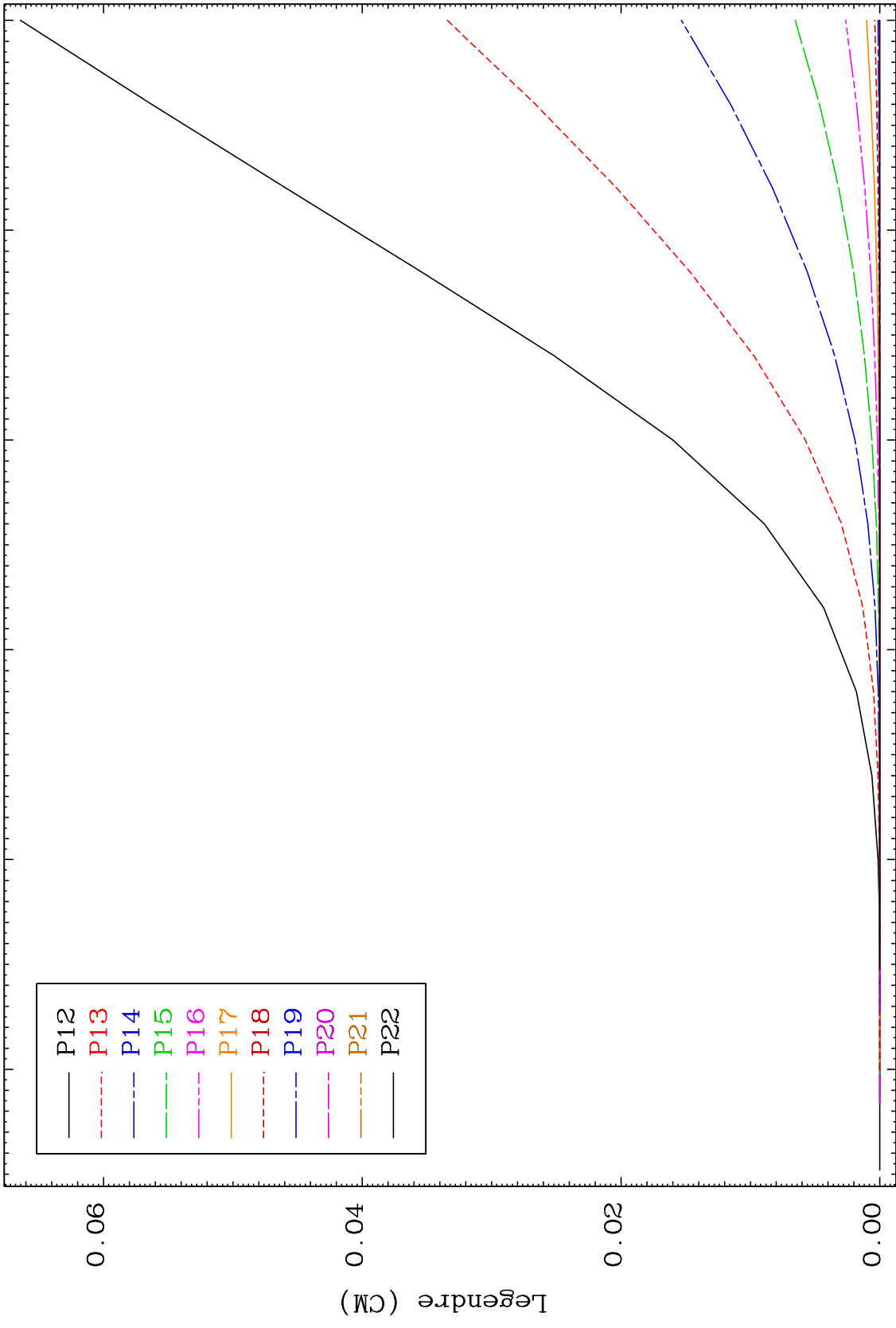
Incident Energy (MeV)

23-V -51

MAT 2328

Elastic Legendre Coefficients

23-V -51



16

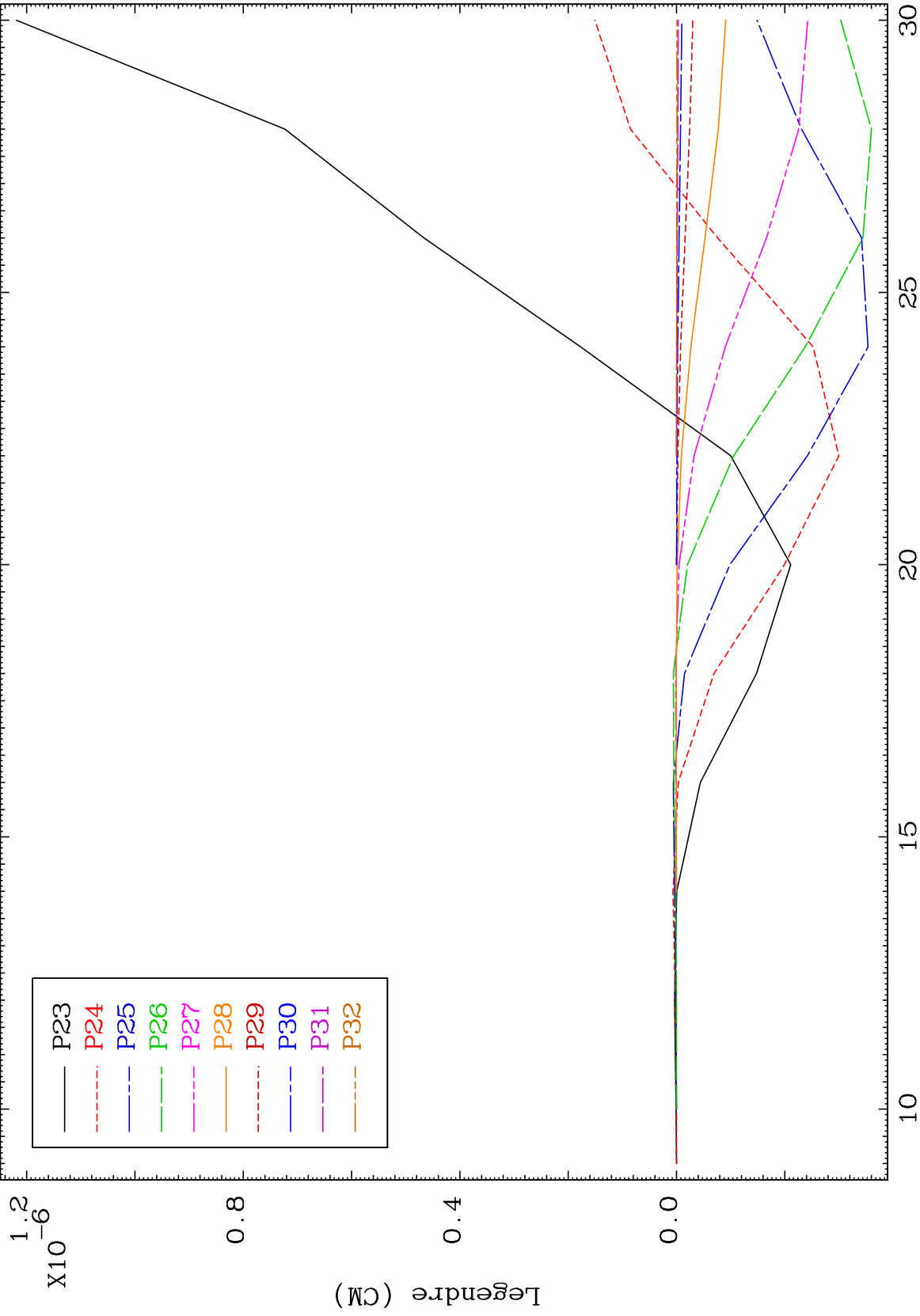
Incident Energy (MeV)

23-V -51

MAT 2328

Elastic
Legendre Coefficients

23-V -51



17

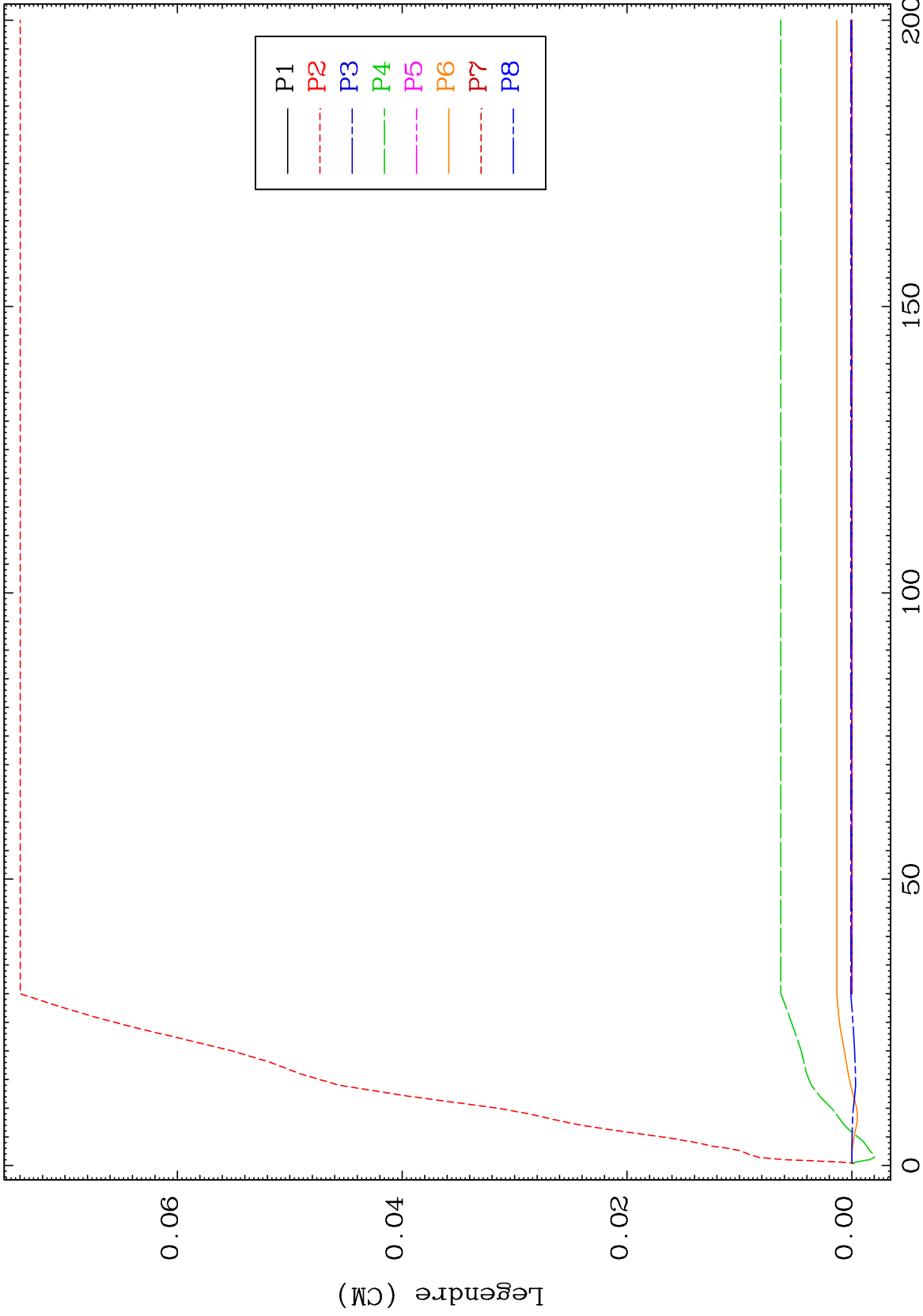
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51

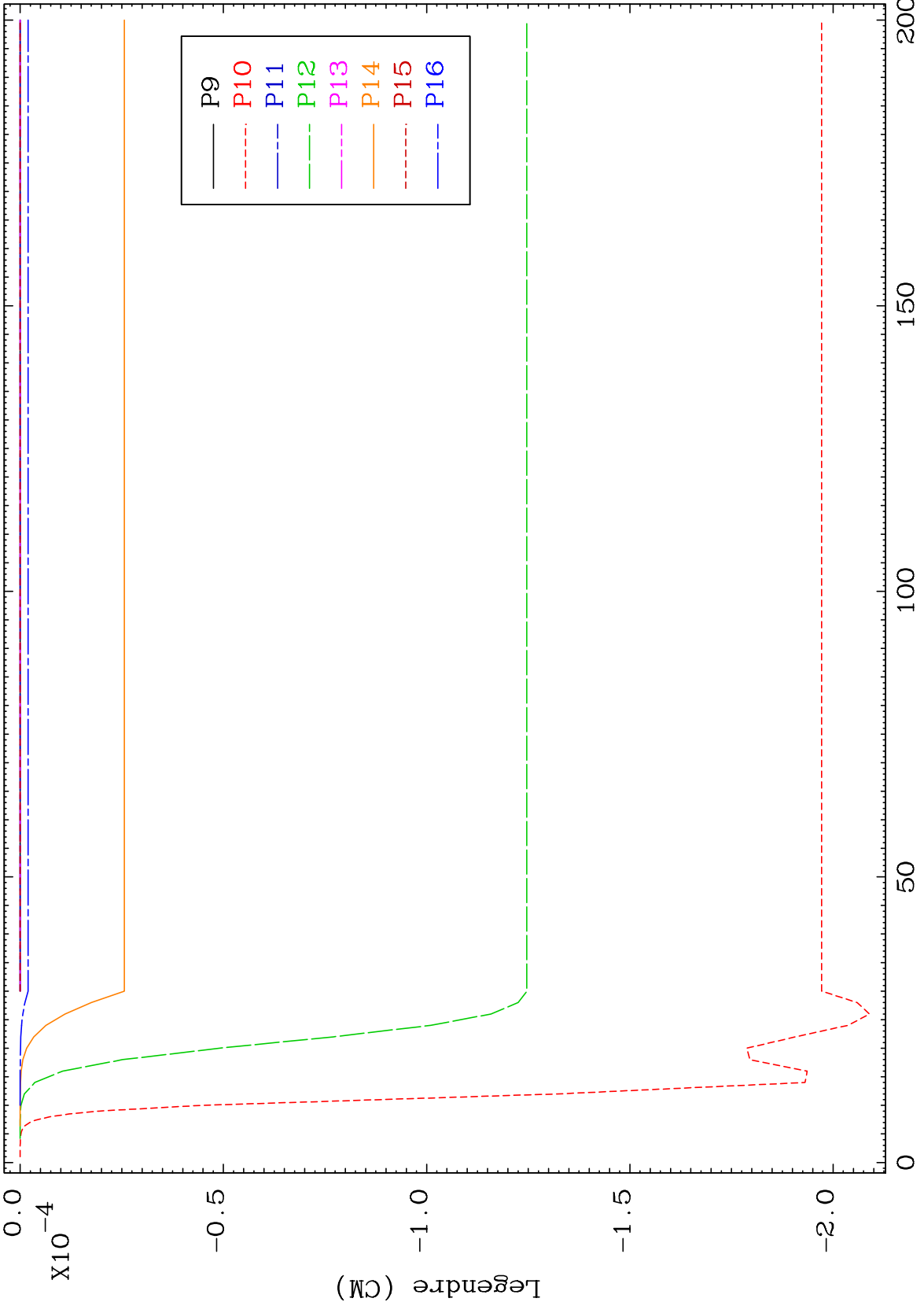


18

Incident Energy (MeV)

23-V -51

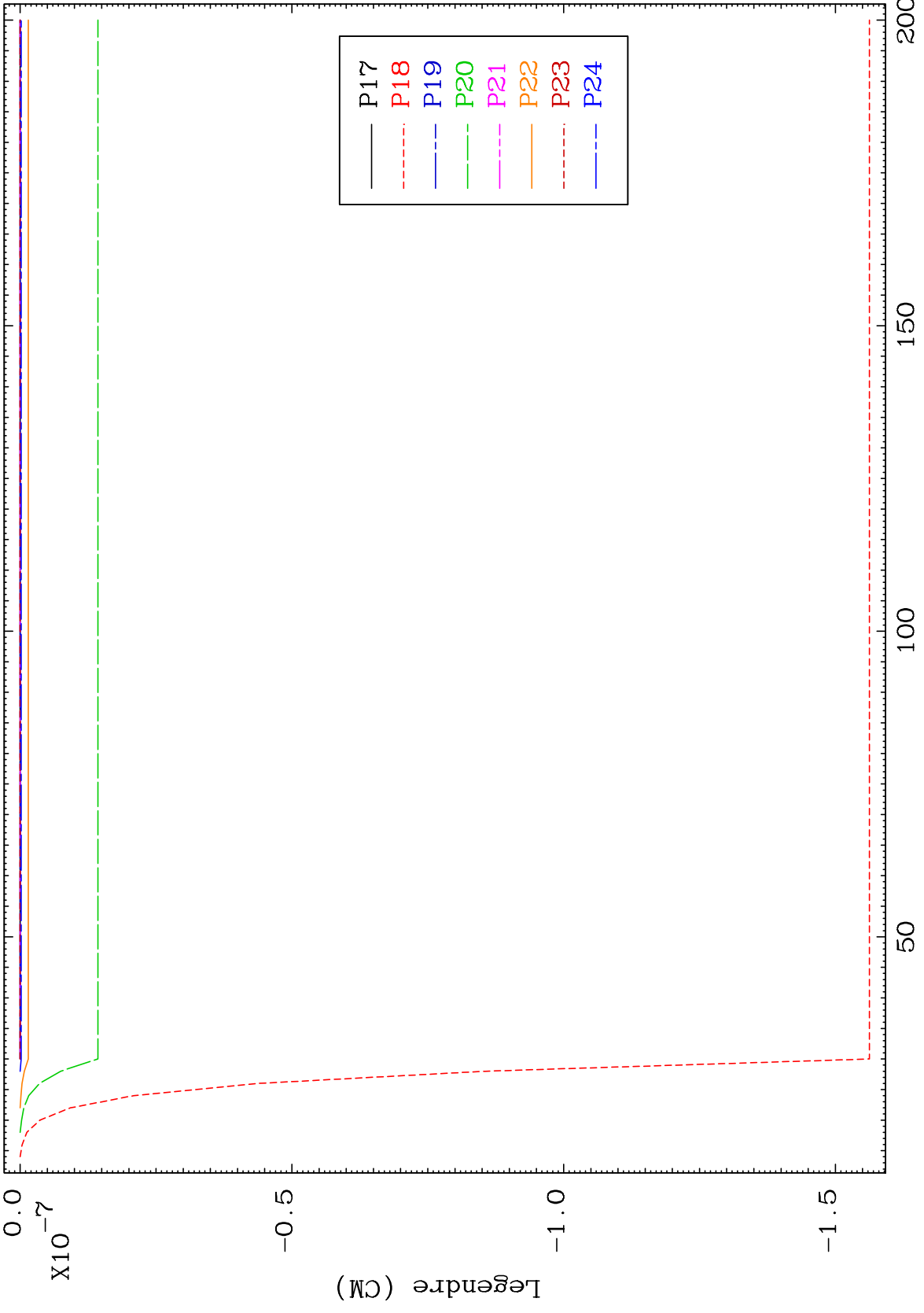
MAT 2328 MT= 51 (n,n') Level Legendre Coefficients 23-V -51



19 Incident Energy (MeV) 23-V -51

MAT 2328 MT= 51 (n,n') Level 23-V -51

Legendre Coefficients

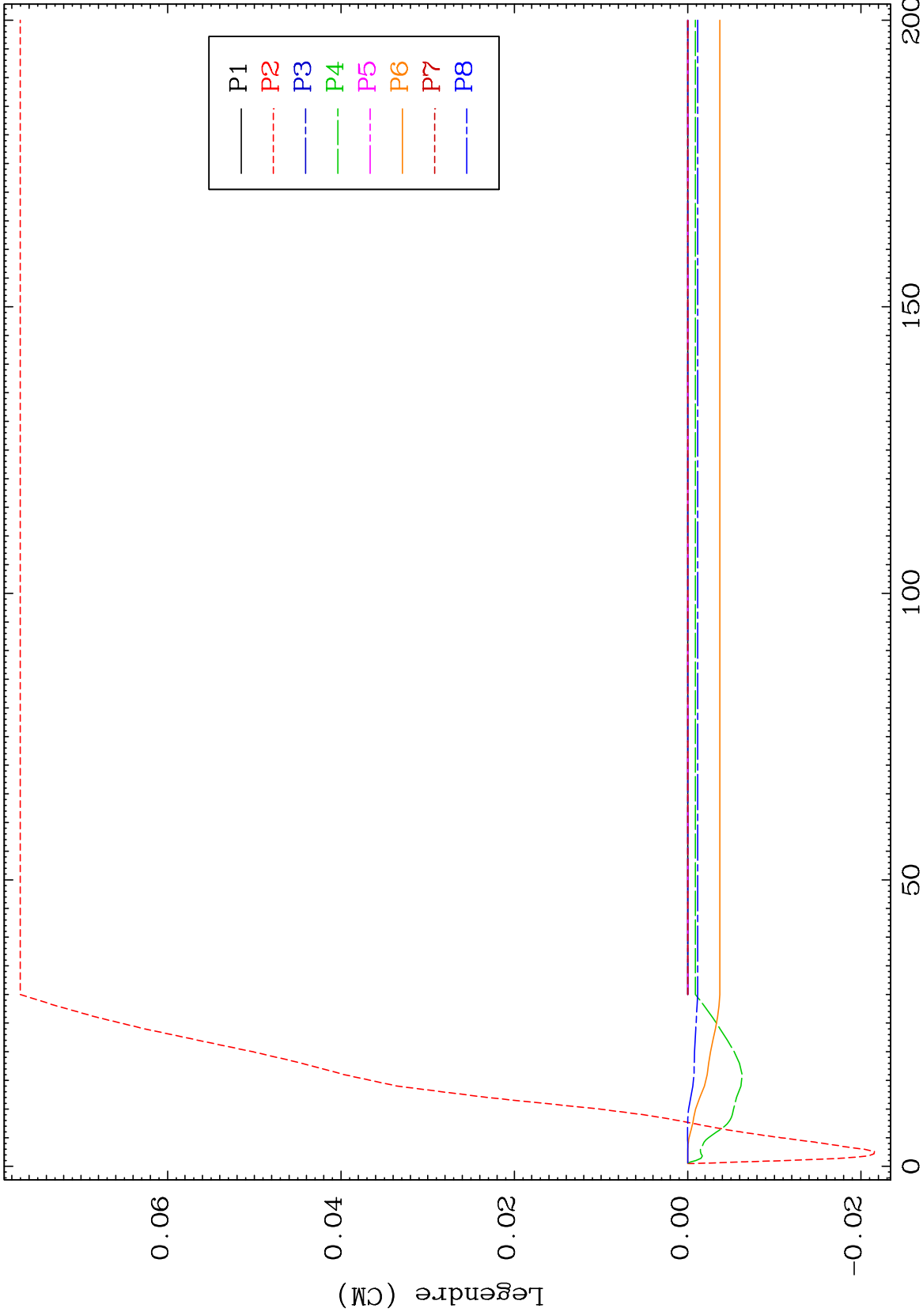


Incident Energy (MeV) 23-V -51

MAT 2328

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

23-V -51



21

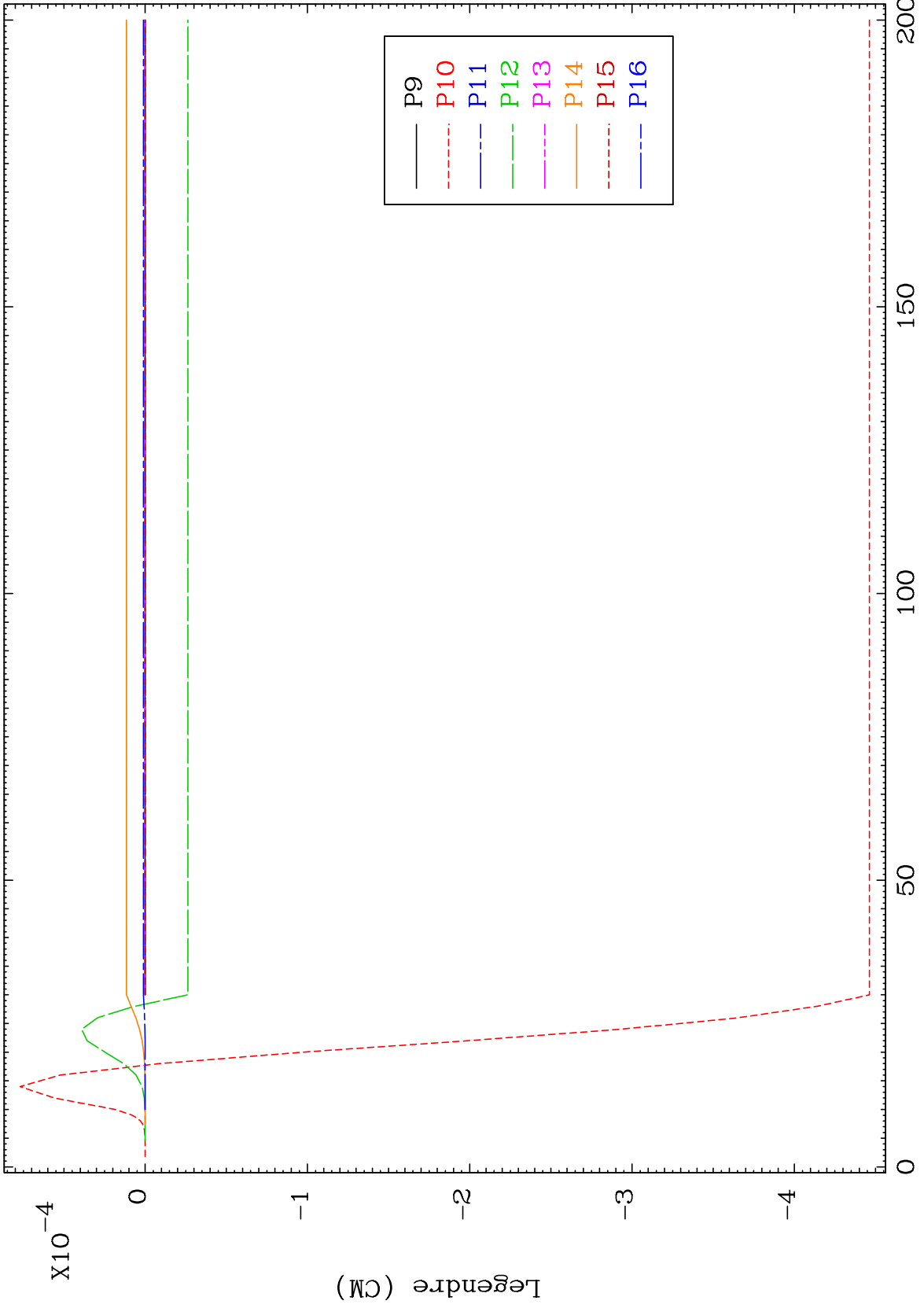
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51

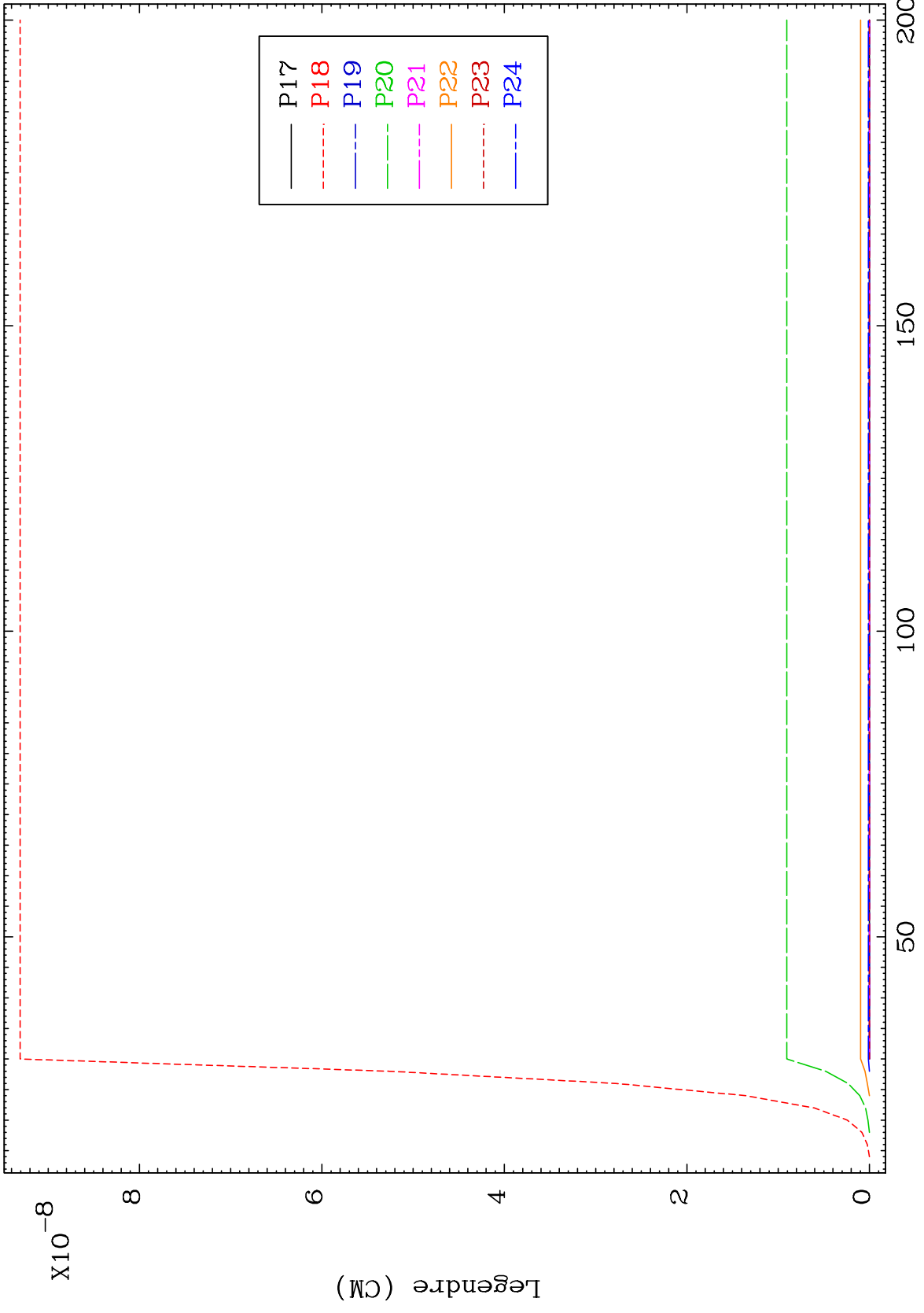


22

Incident Energy (MeV)

23-V -51

MAT 2328 MT= 52 (n,n') Level Legendre Coefficients 23-V -51

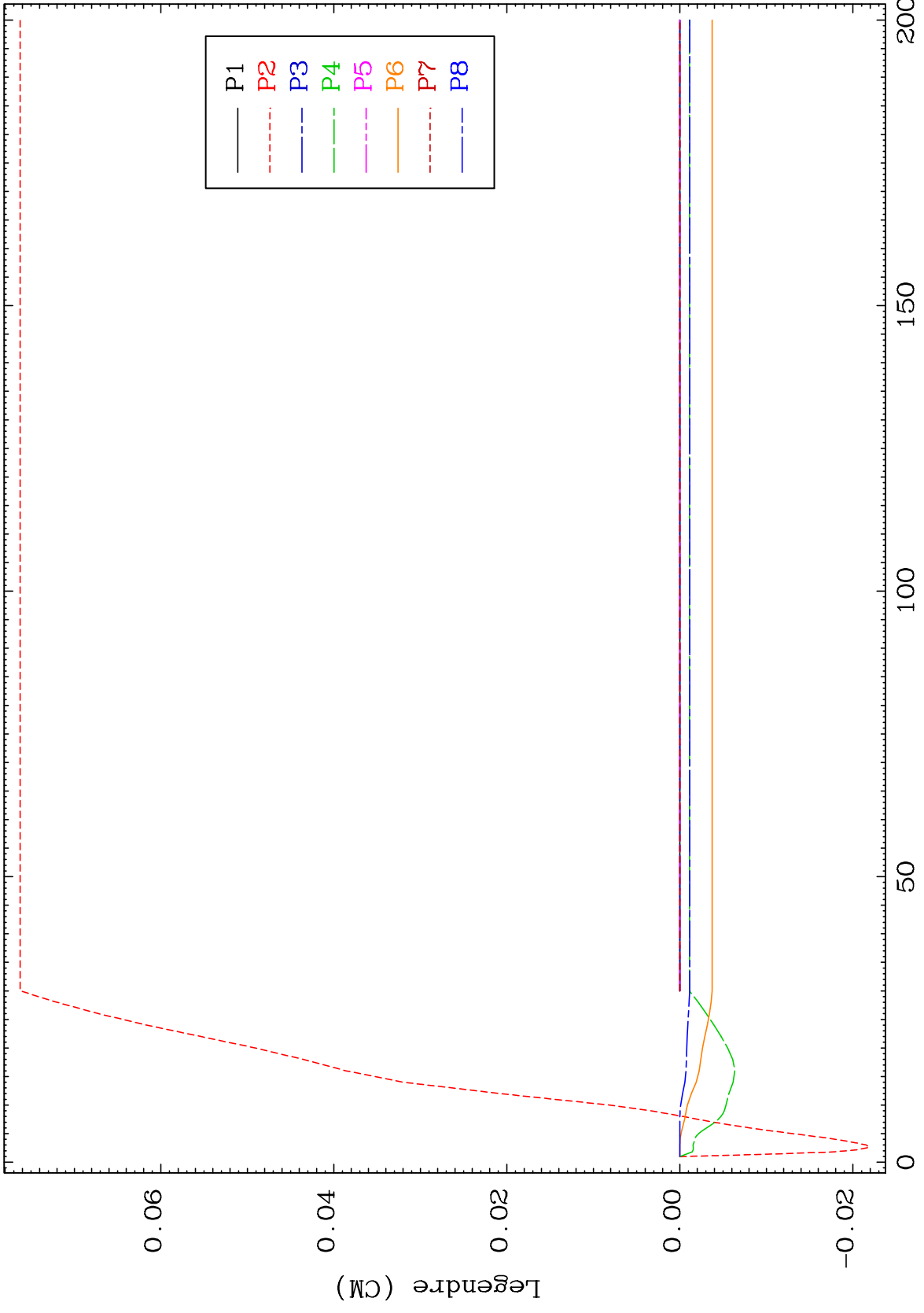


23 50 100 150 200 23-V -51

MAT 2328

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

23-V -51



24

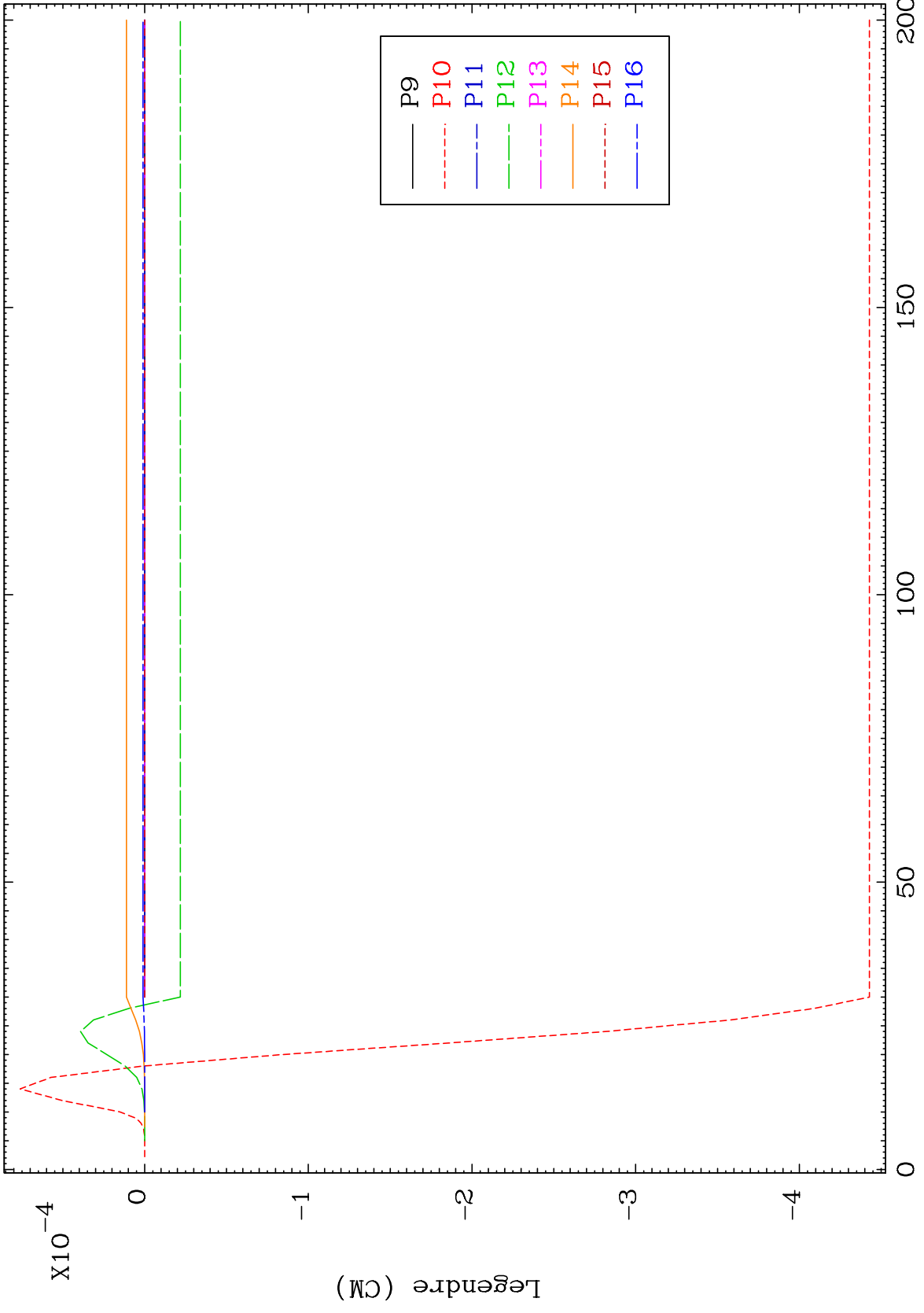
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51

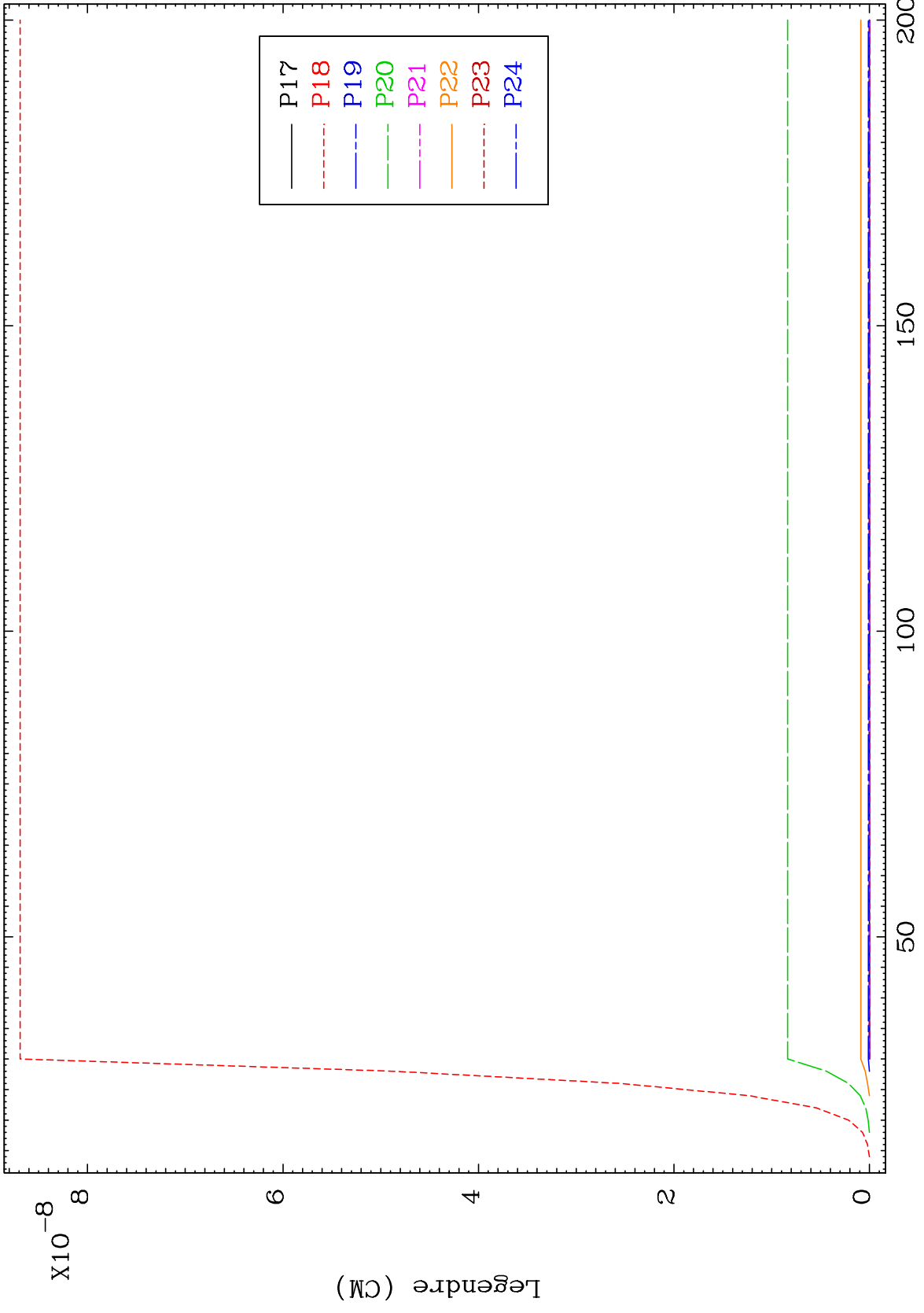


25

Incident Energy (MeV)

23-V -51

MAT 2328 MT= 53 (n,n') Level Legendre Coefficients 23-V -51

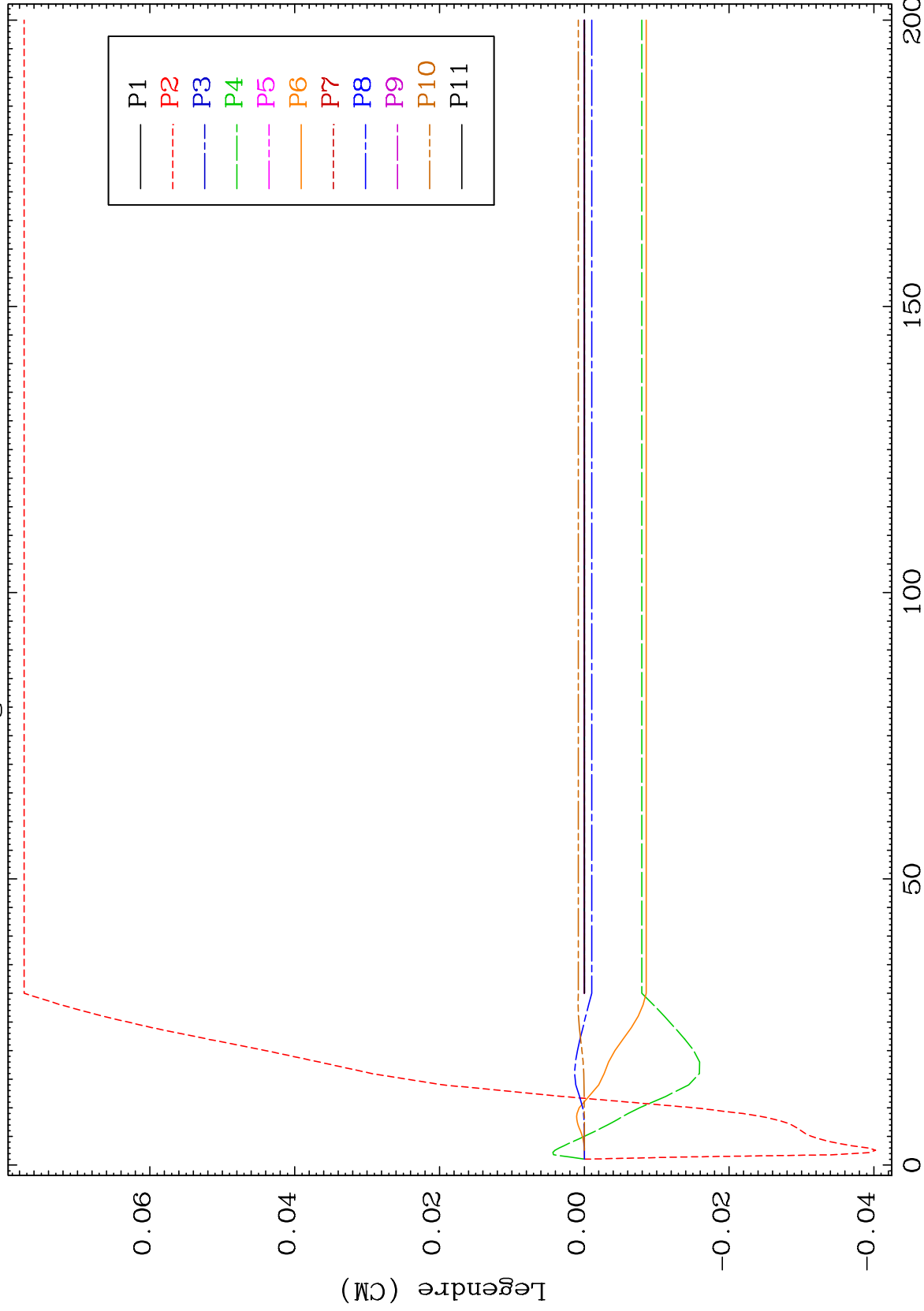


26 50 100 150 200 23-V -51

MAT 2328

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

23-V -51



27

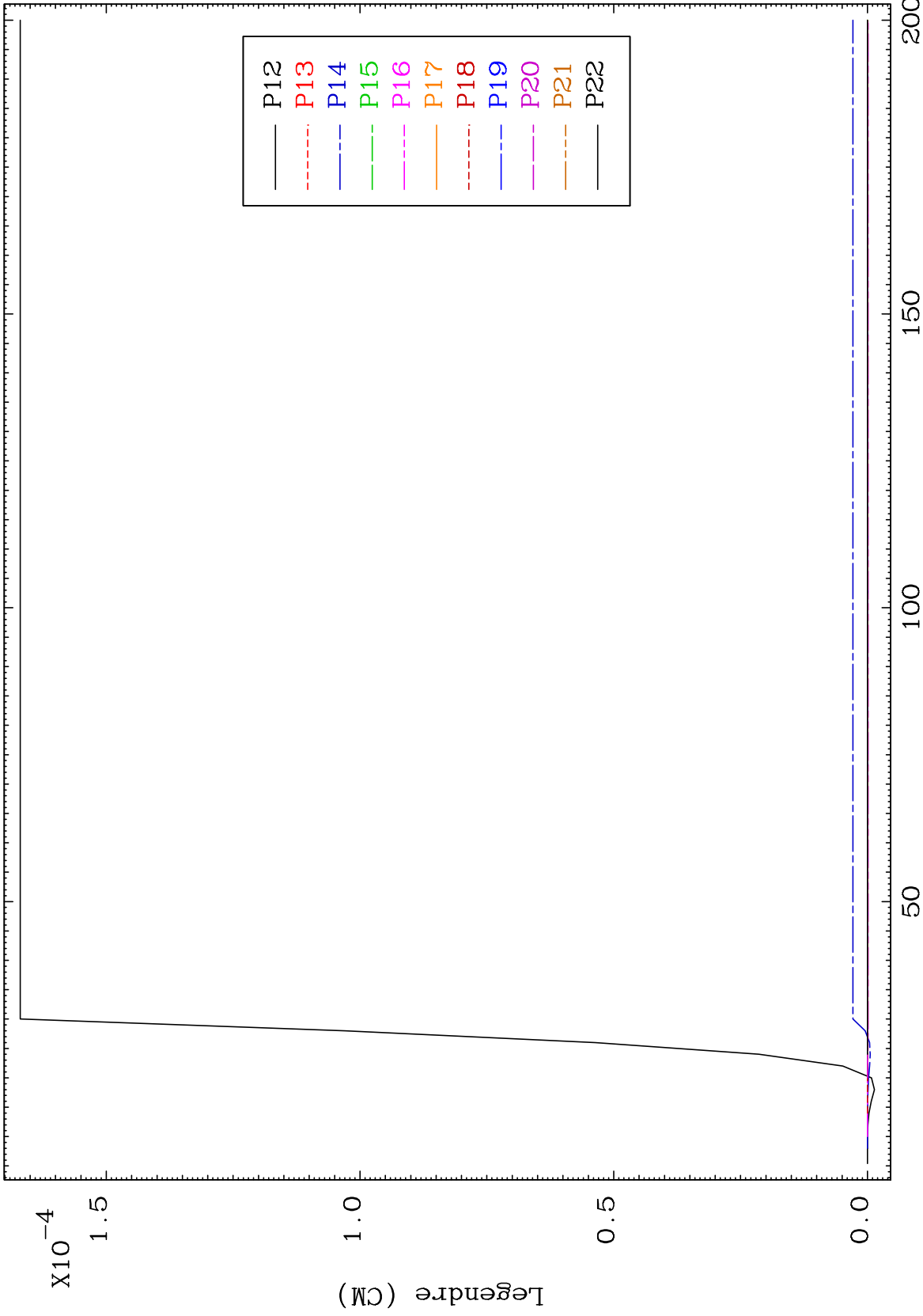
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



28

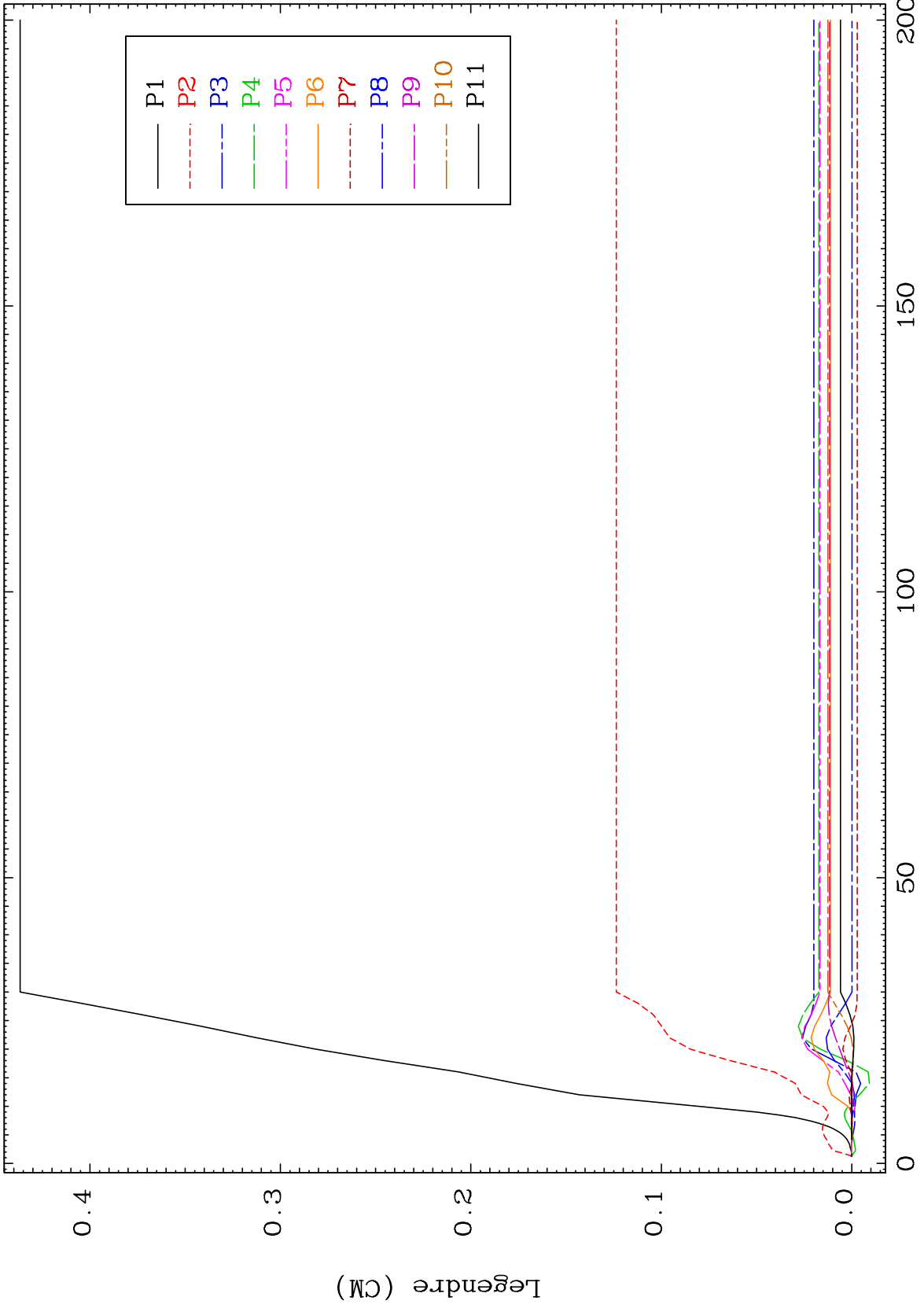
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



29

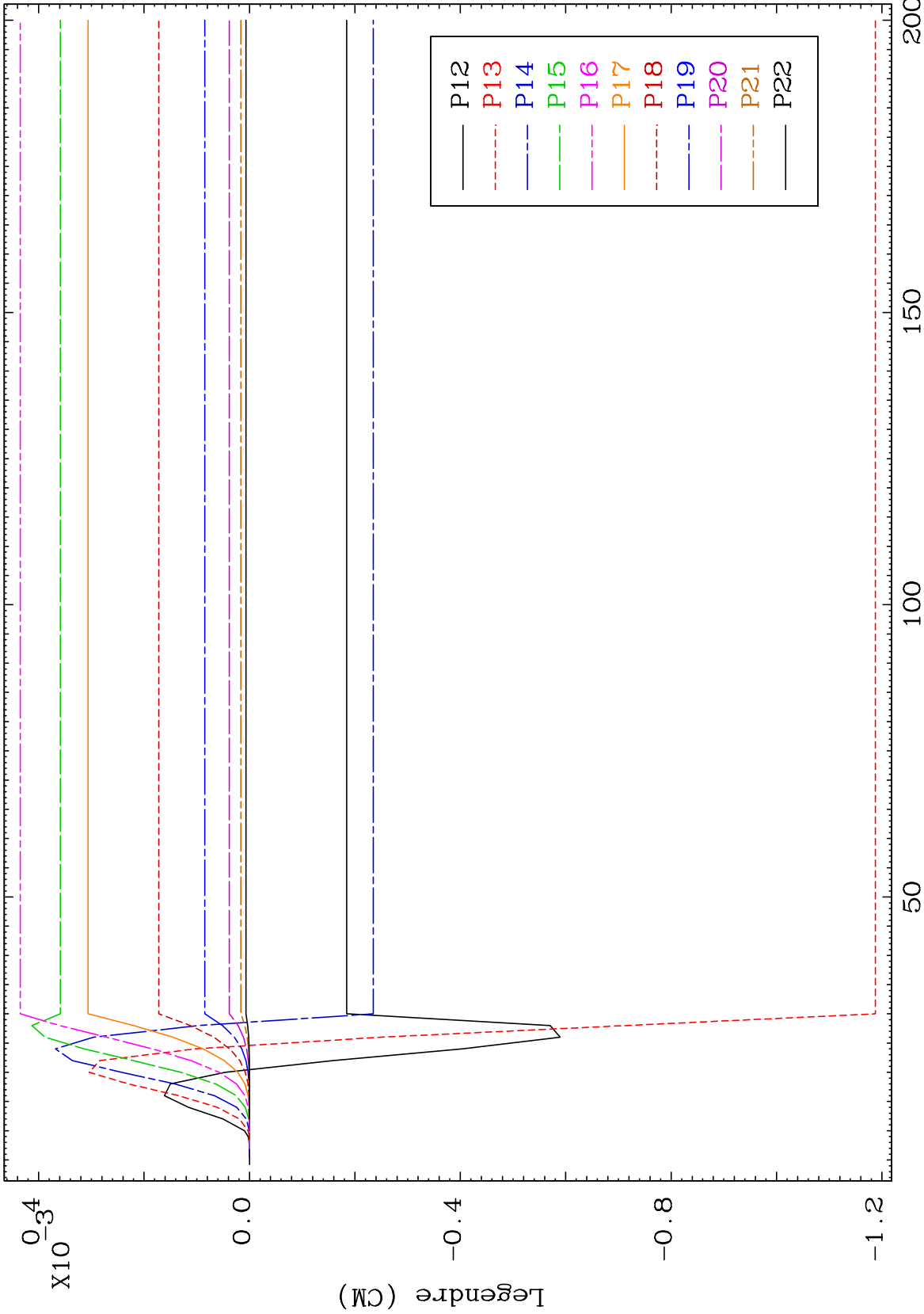
Incident Energy (MeV)

23-V -51

MAT 2328

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

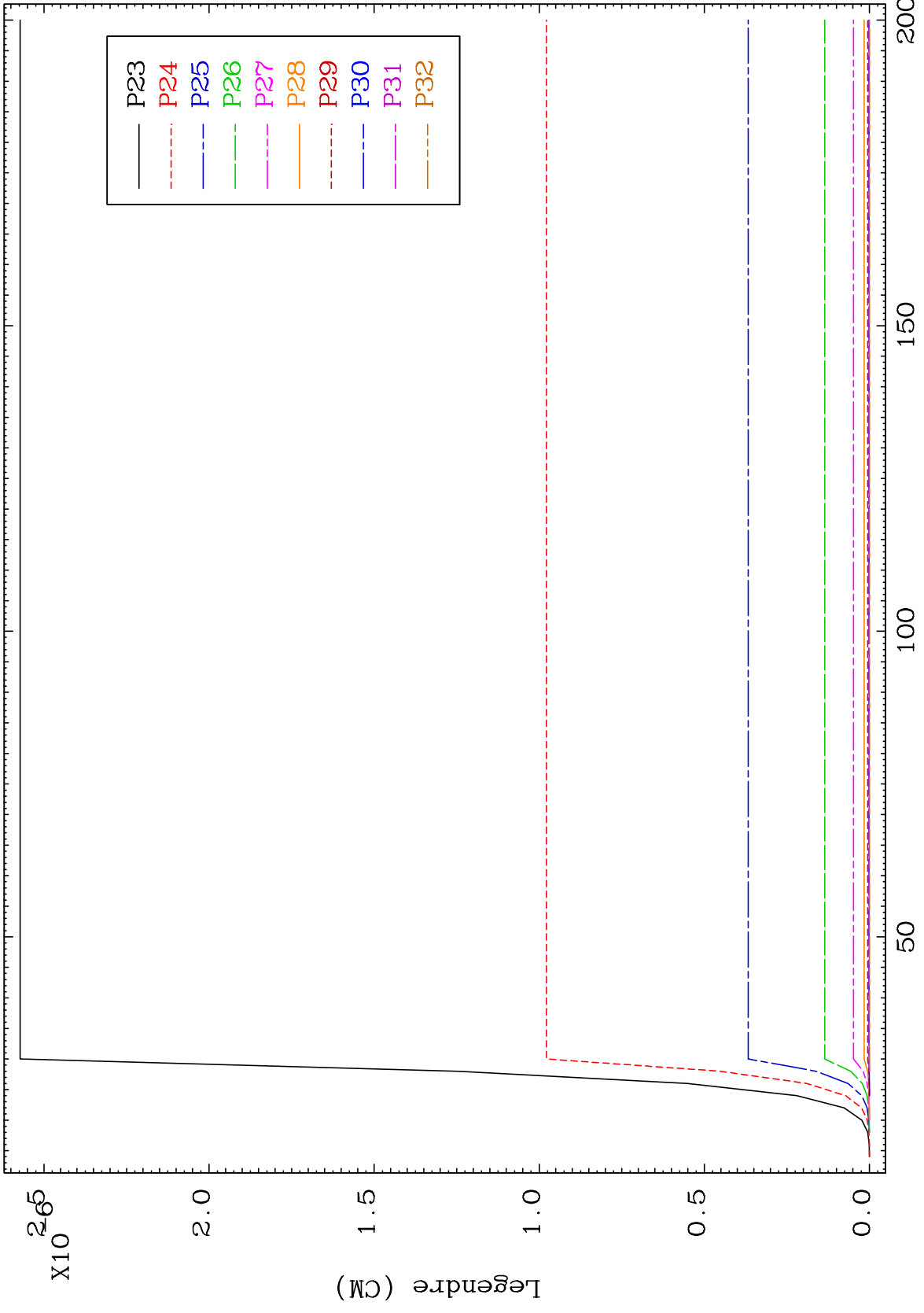
23-V -51



30

Incident Energy (MeV)

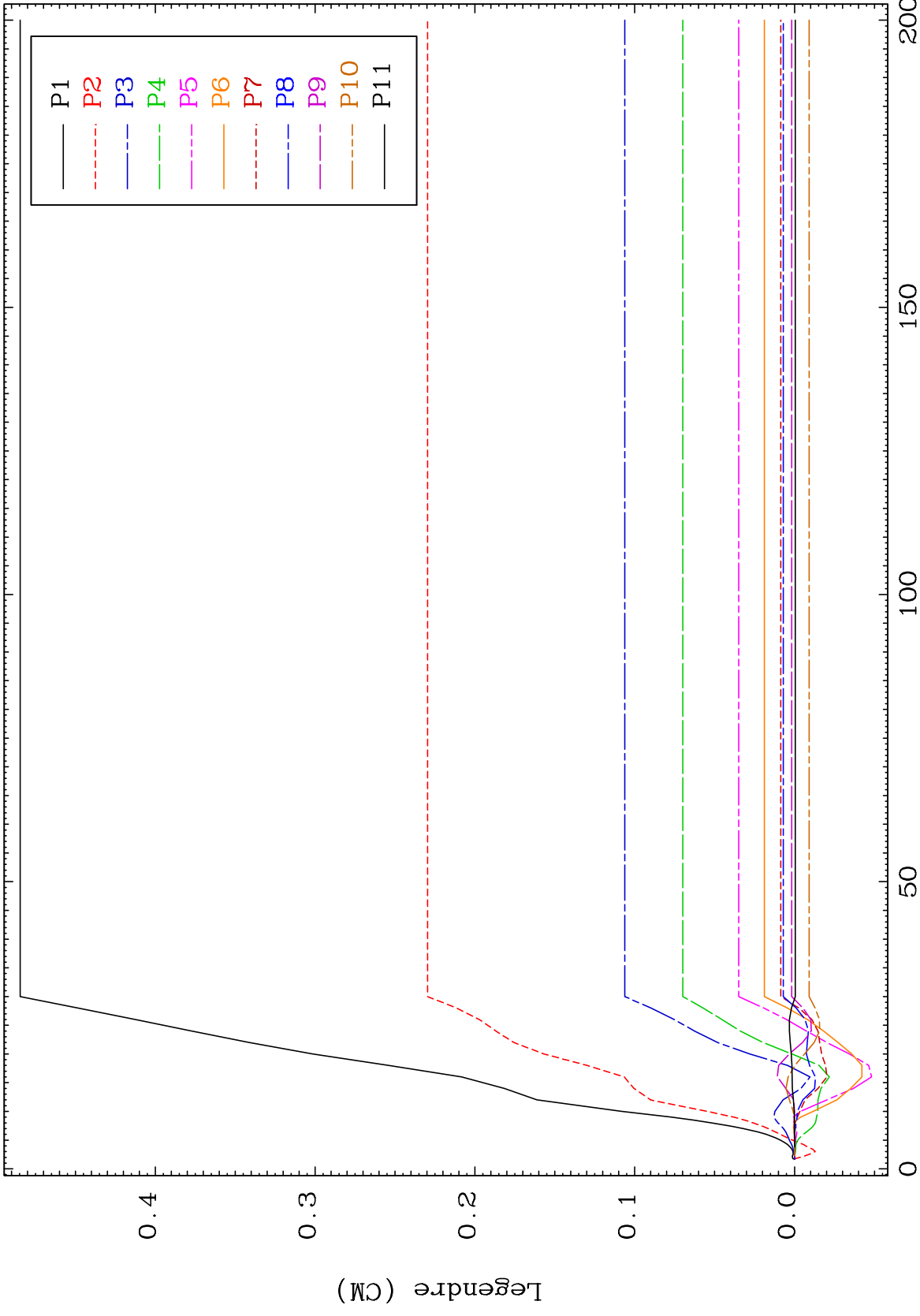
23-V -51



MAT 2328

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

23-V -51



32

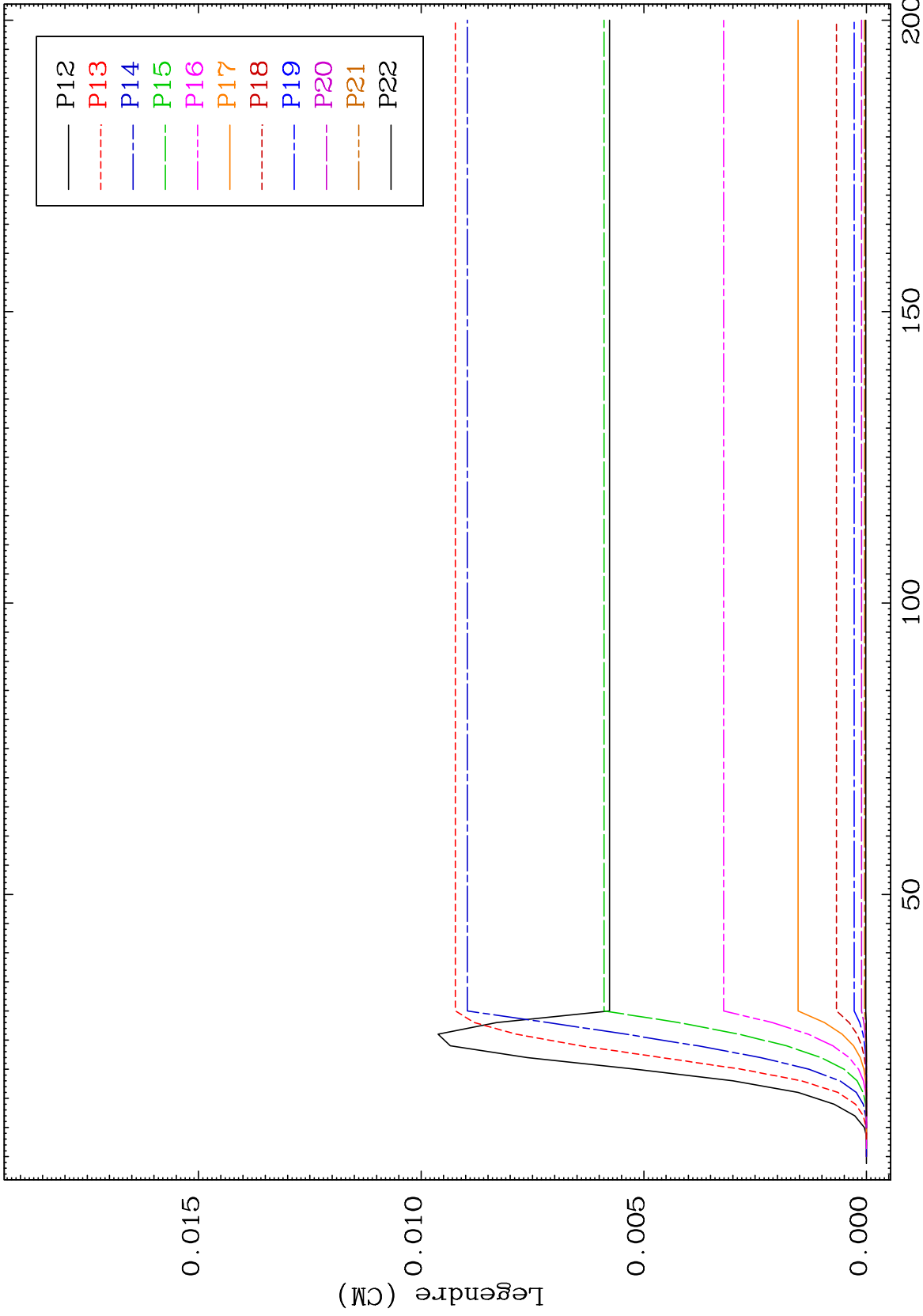
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



33

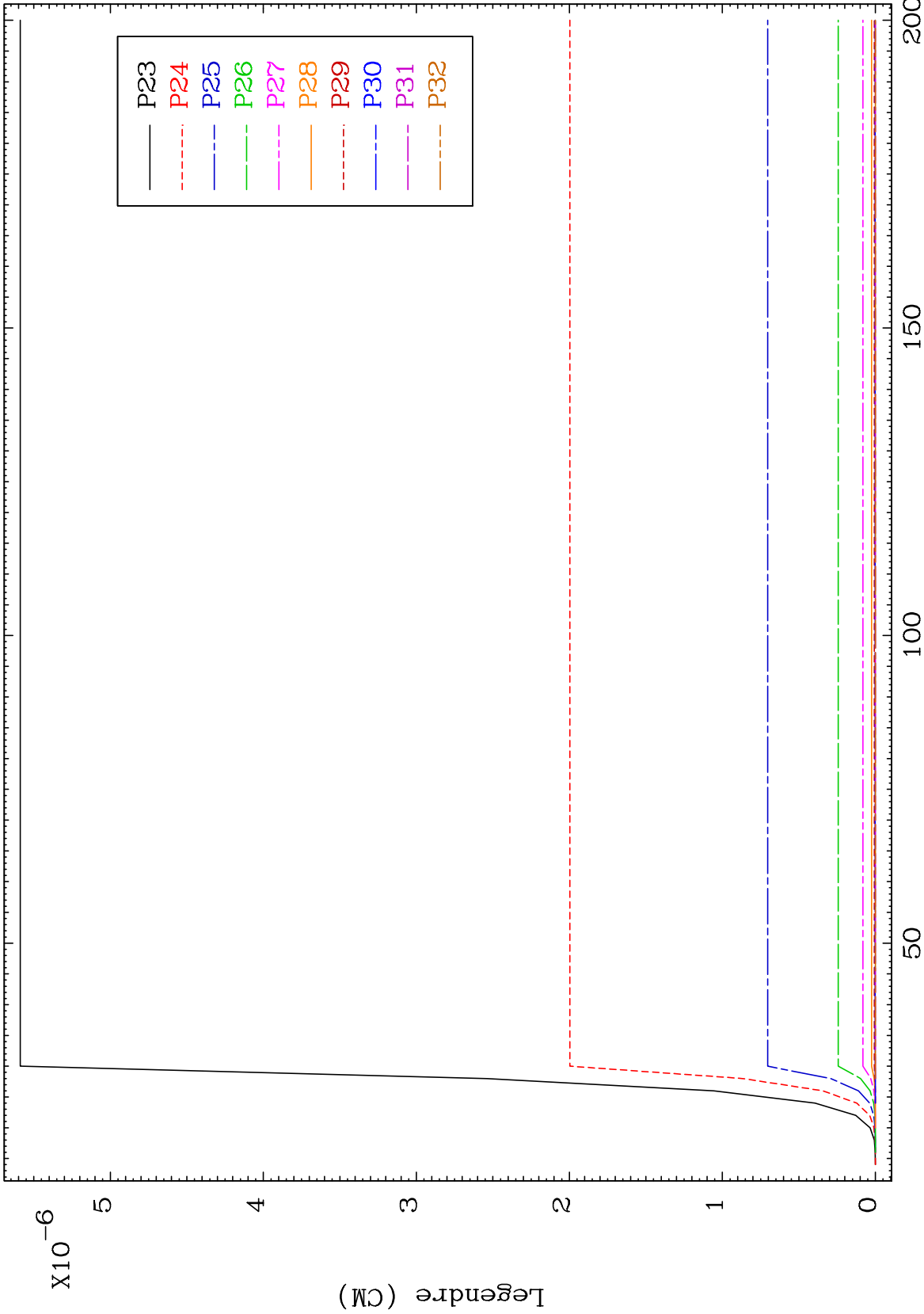
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



34

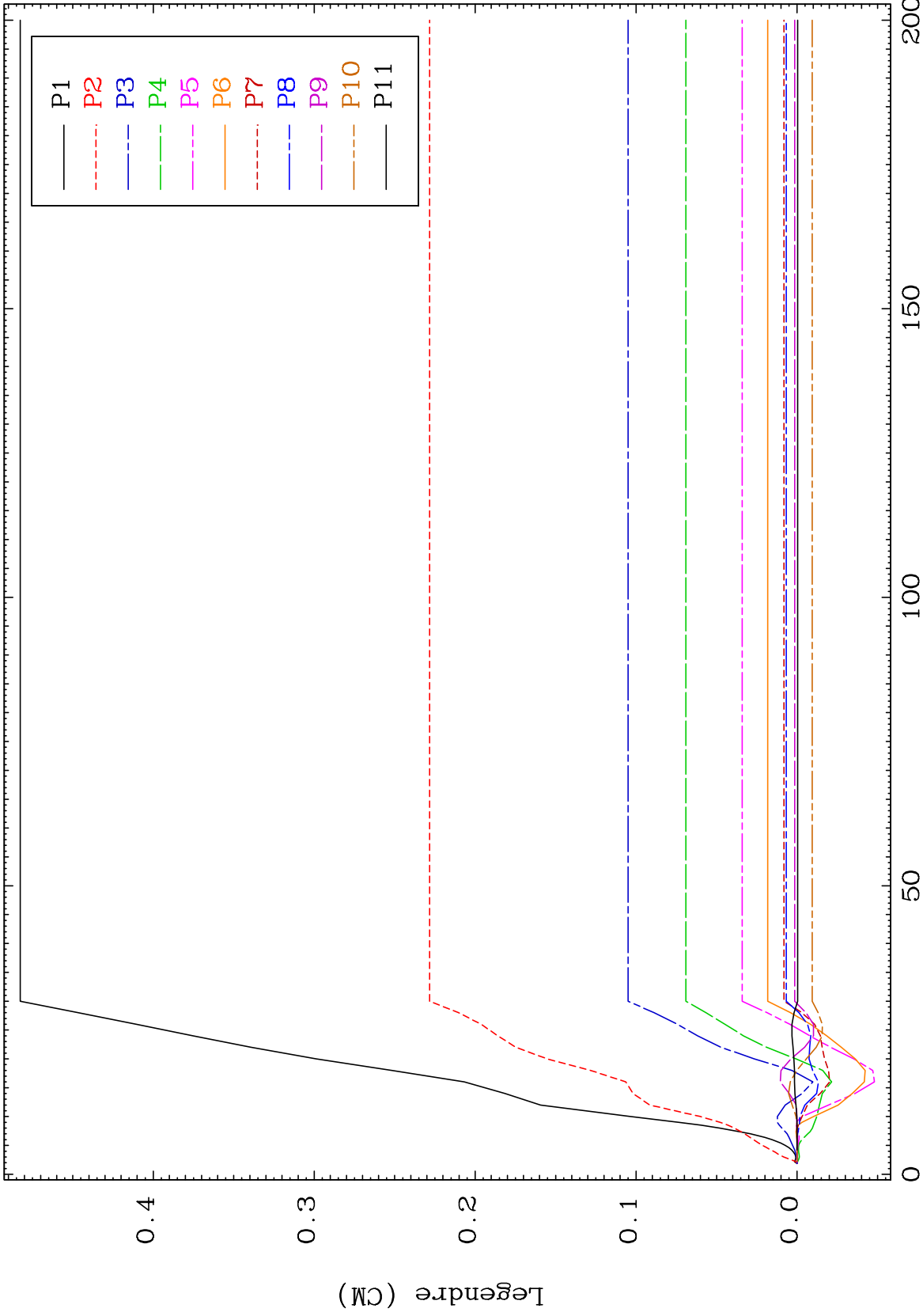
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



35

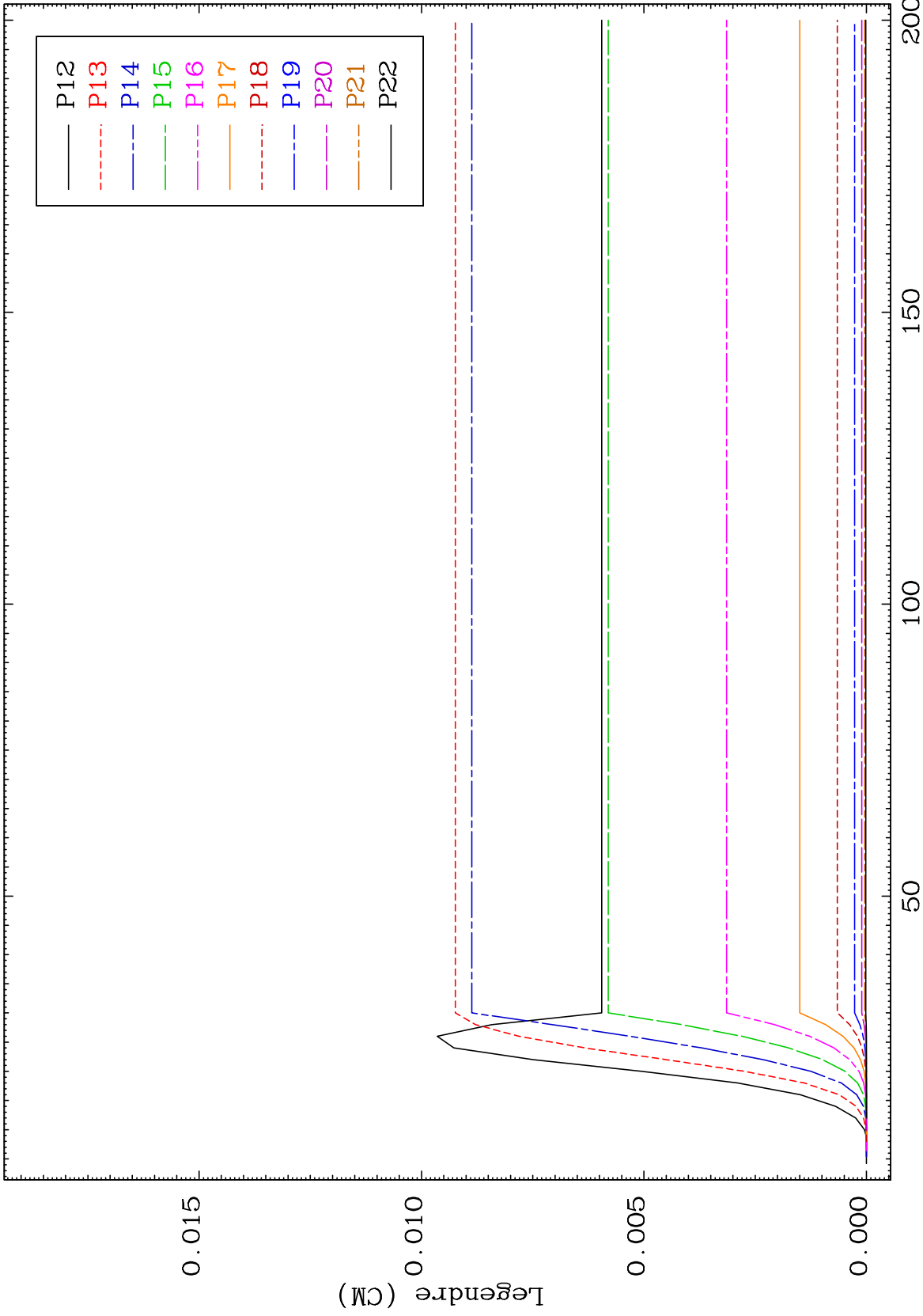
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



36

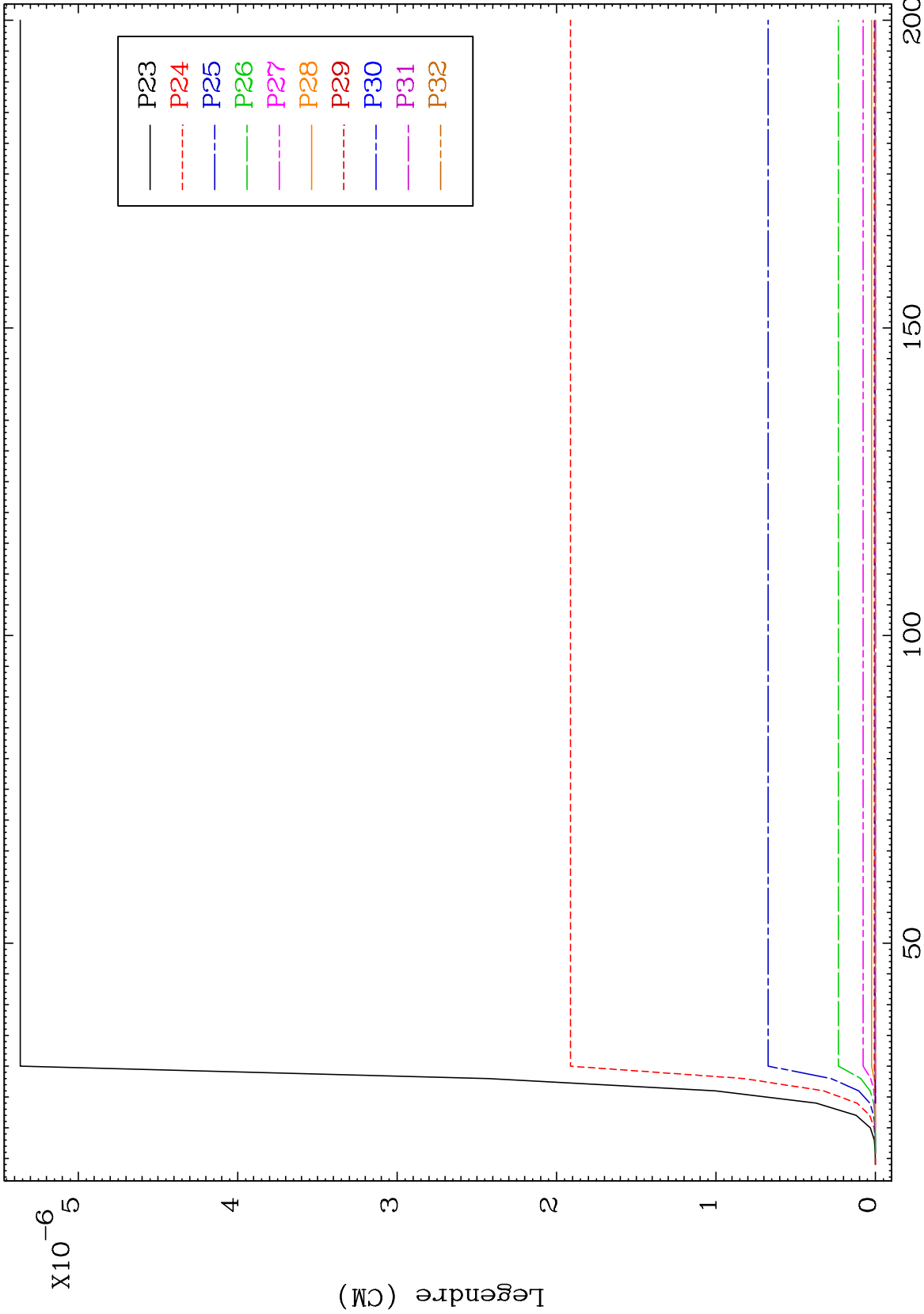
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



37

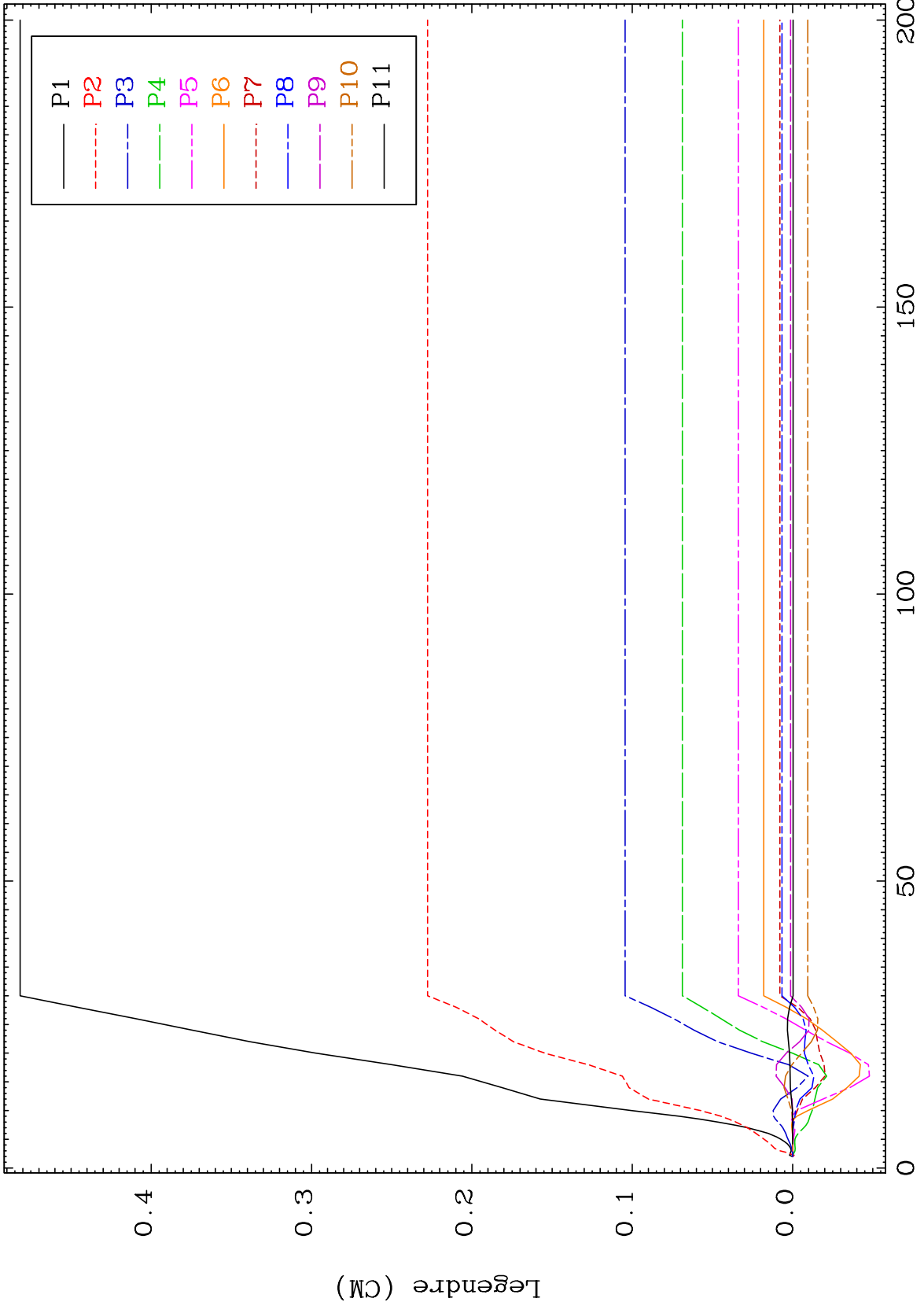
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



38

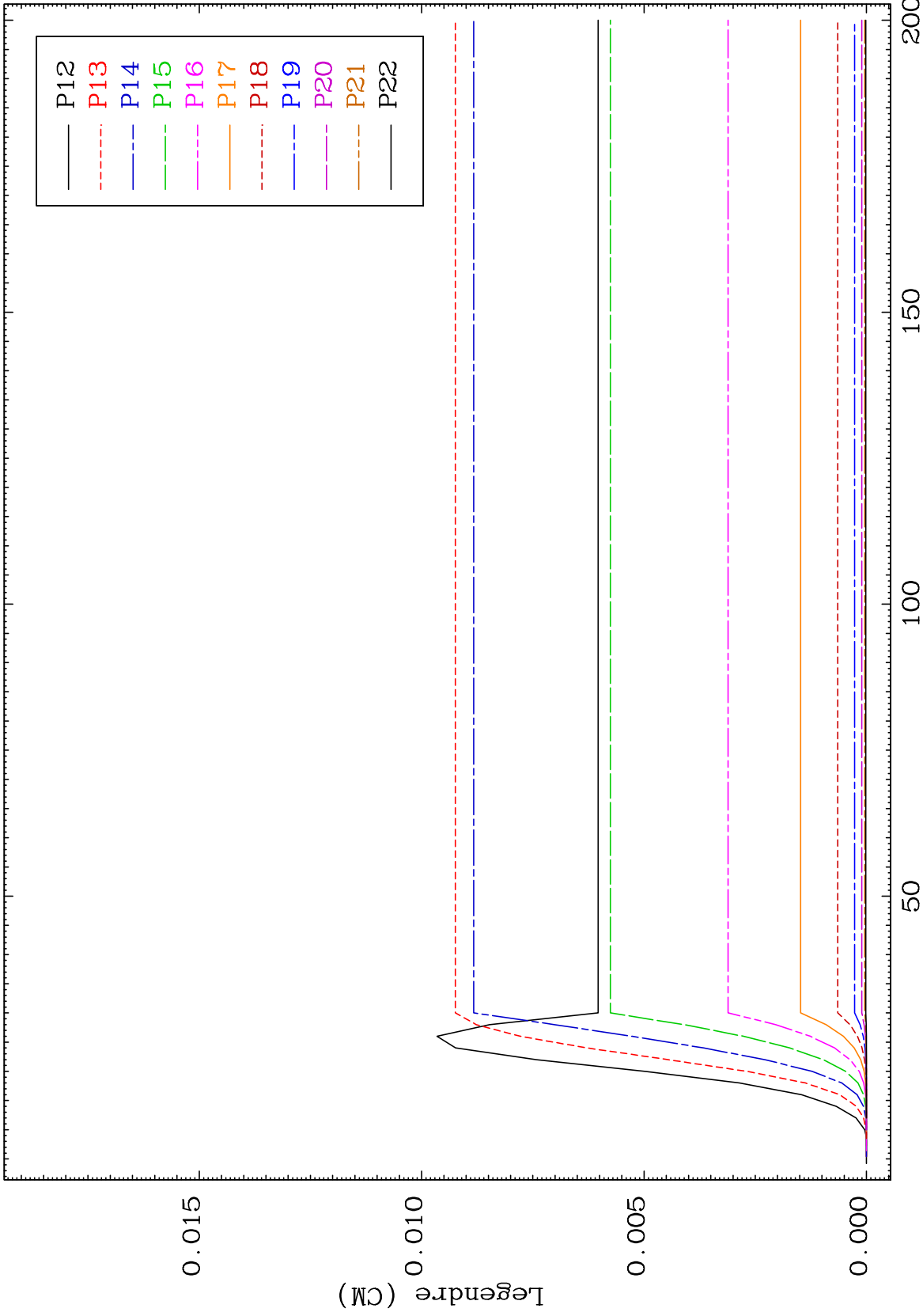
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



39

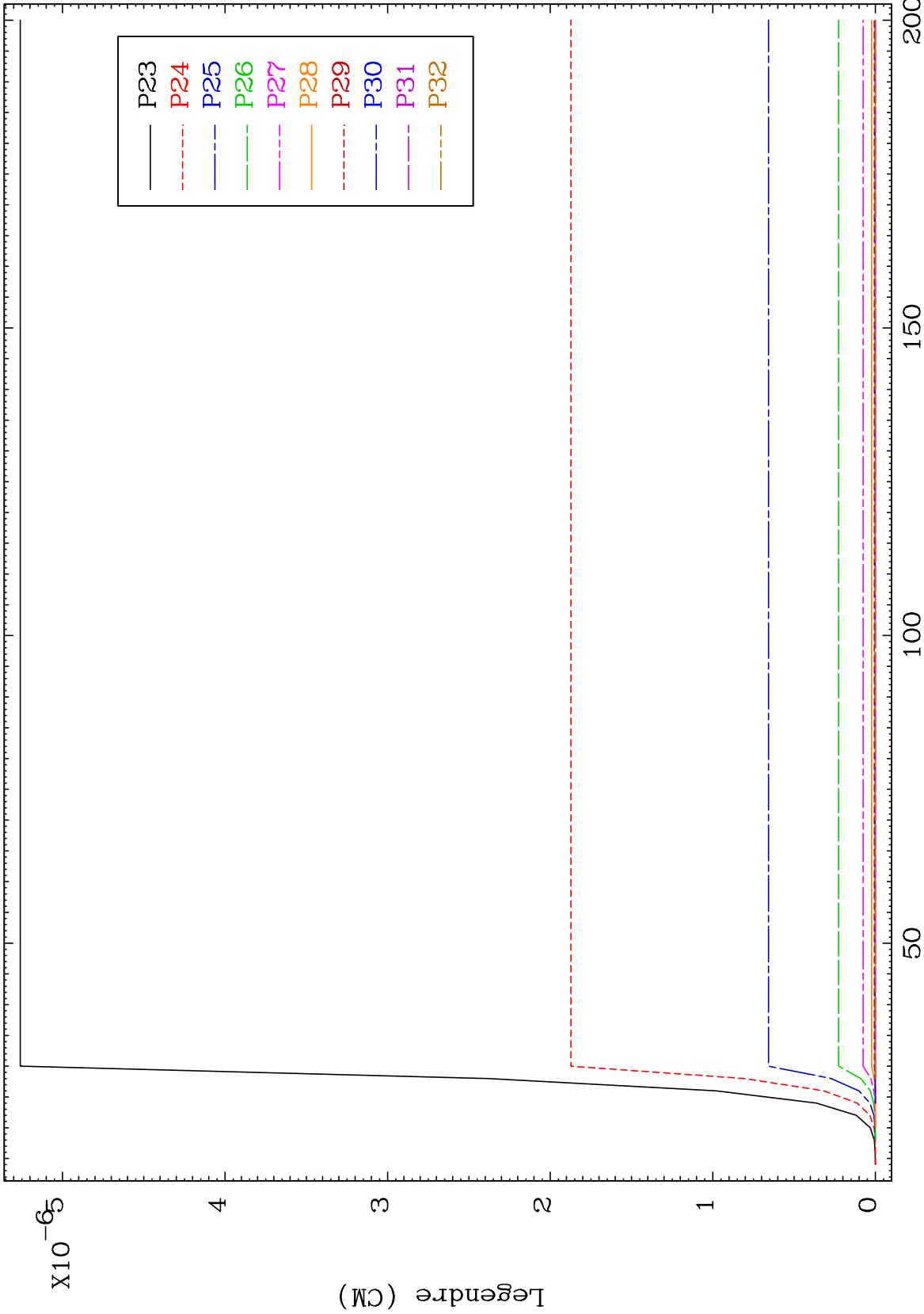
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



40

50

100

150

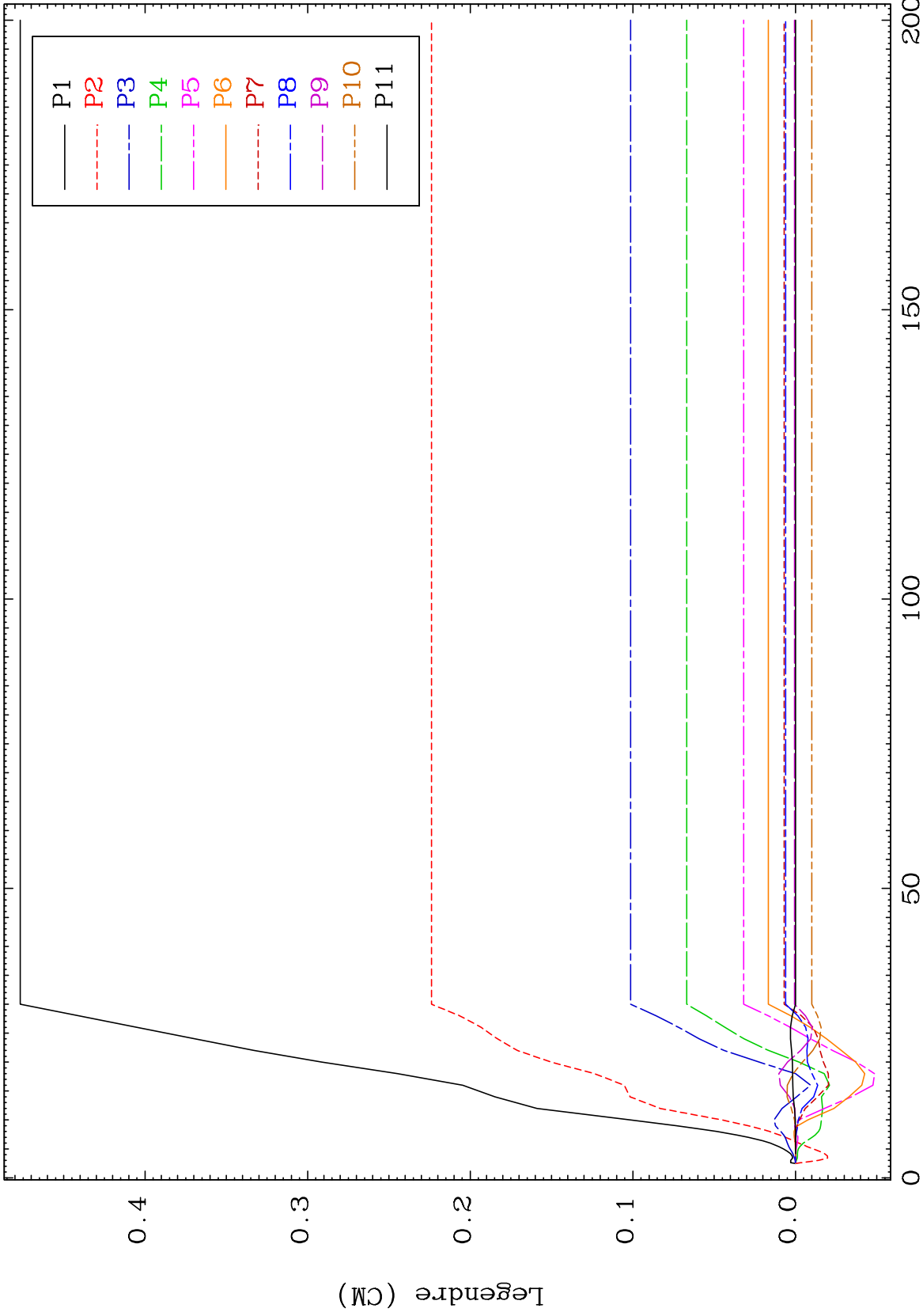
200

23-V -51

MAT 2328

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

23-V -51



41

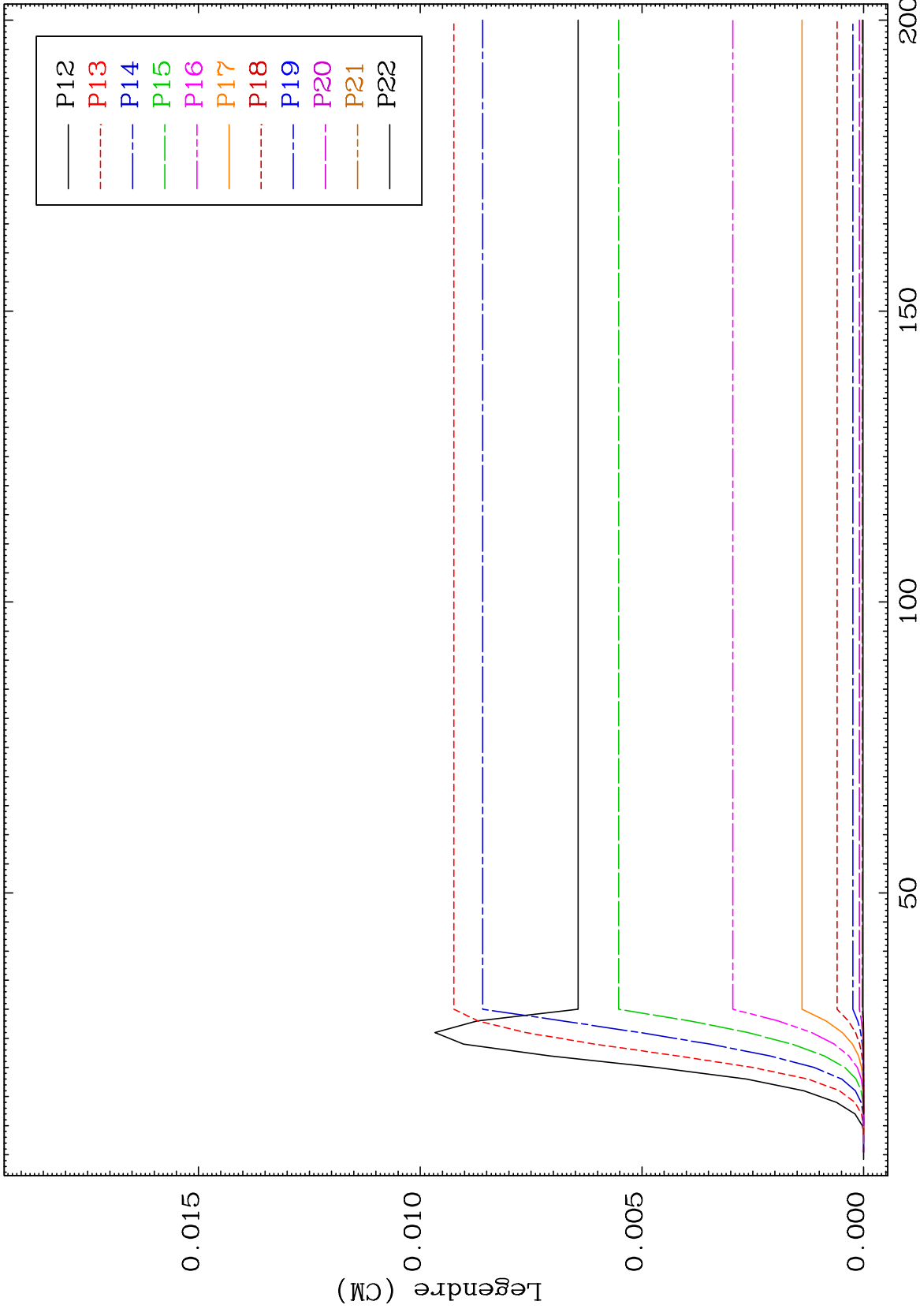
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



42

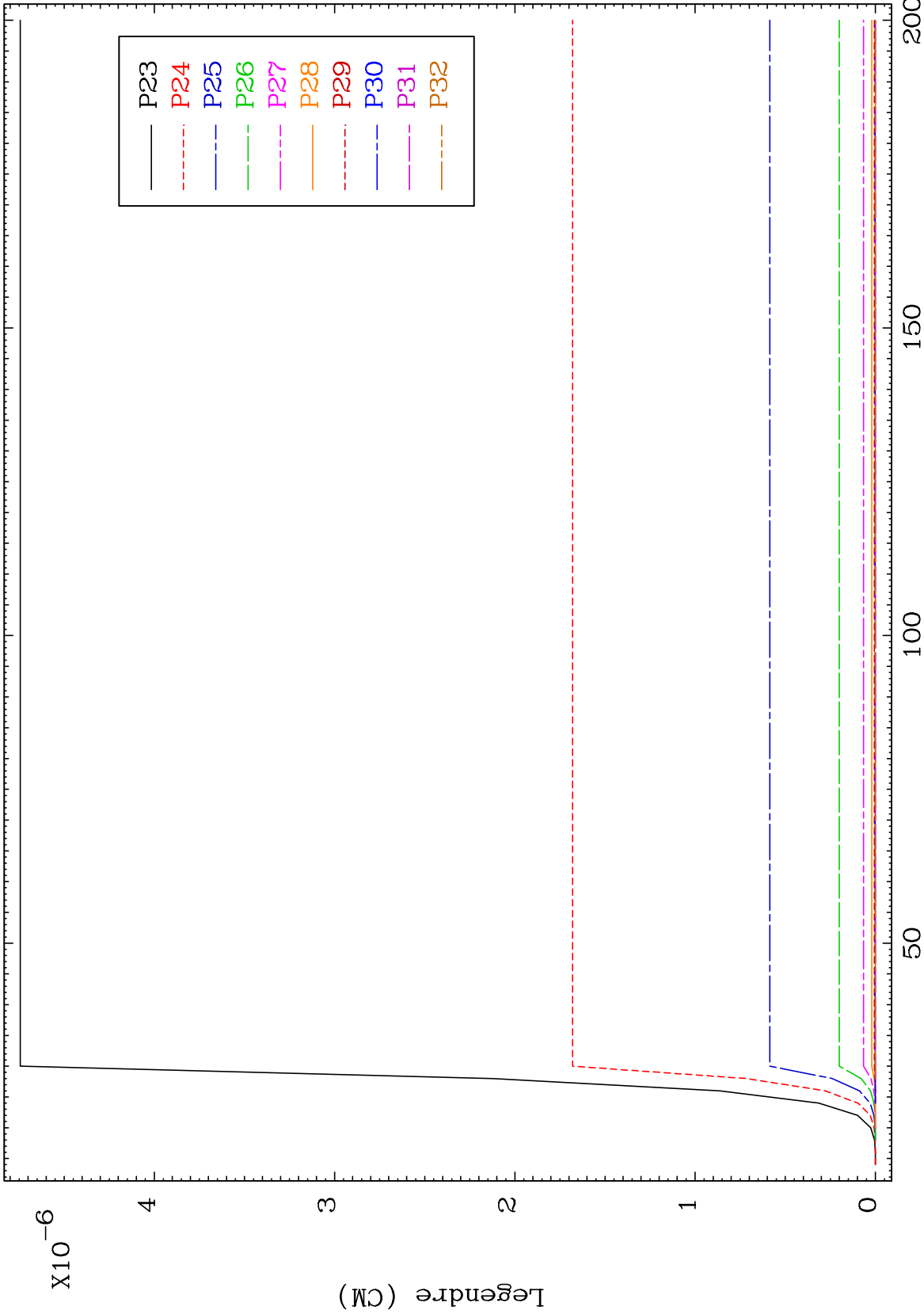
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



43

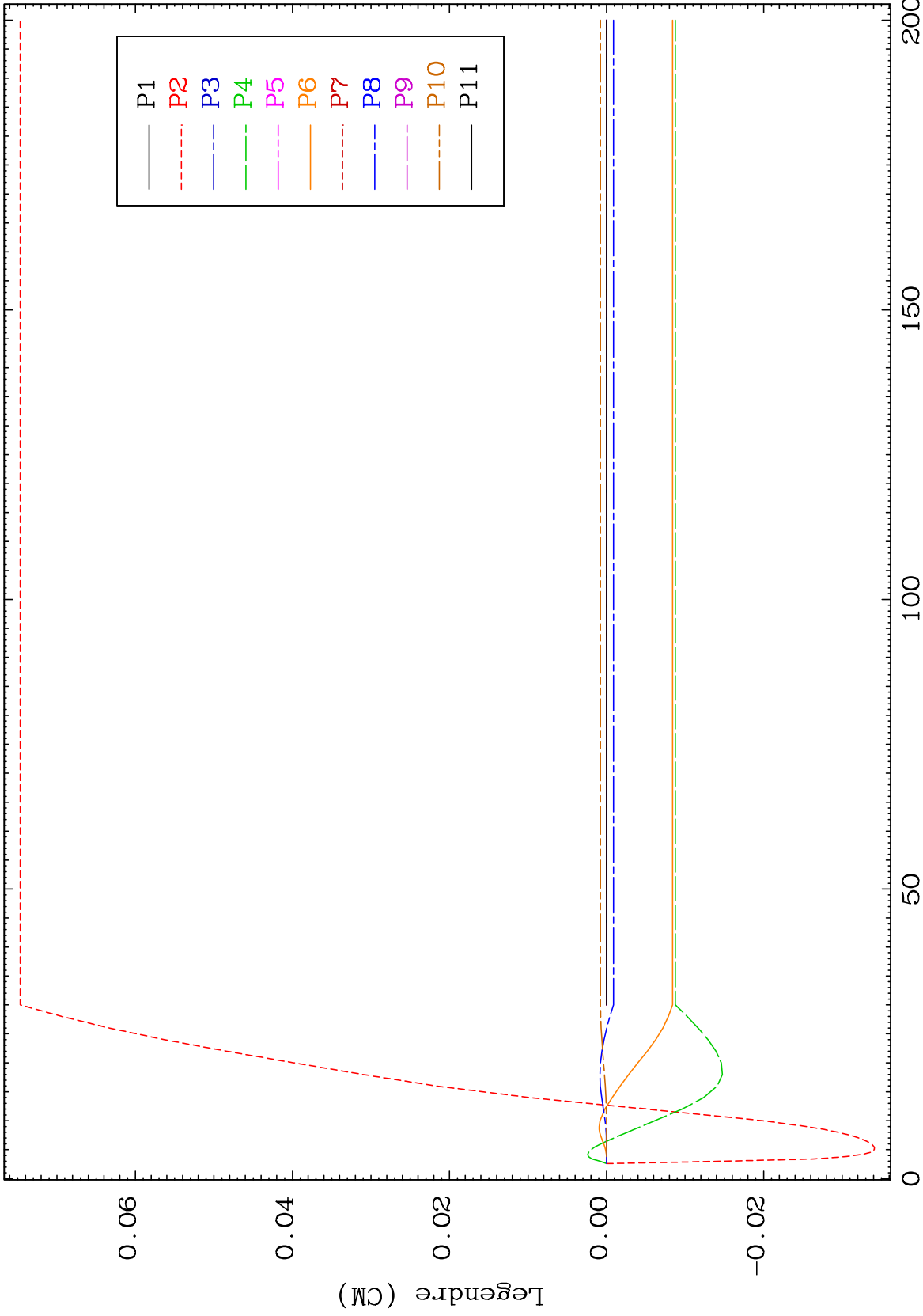
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



44

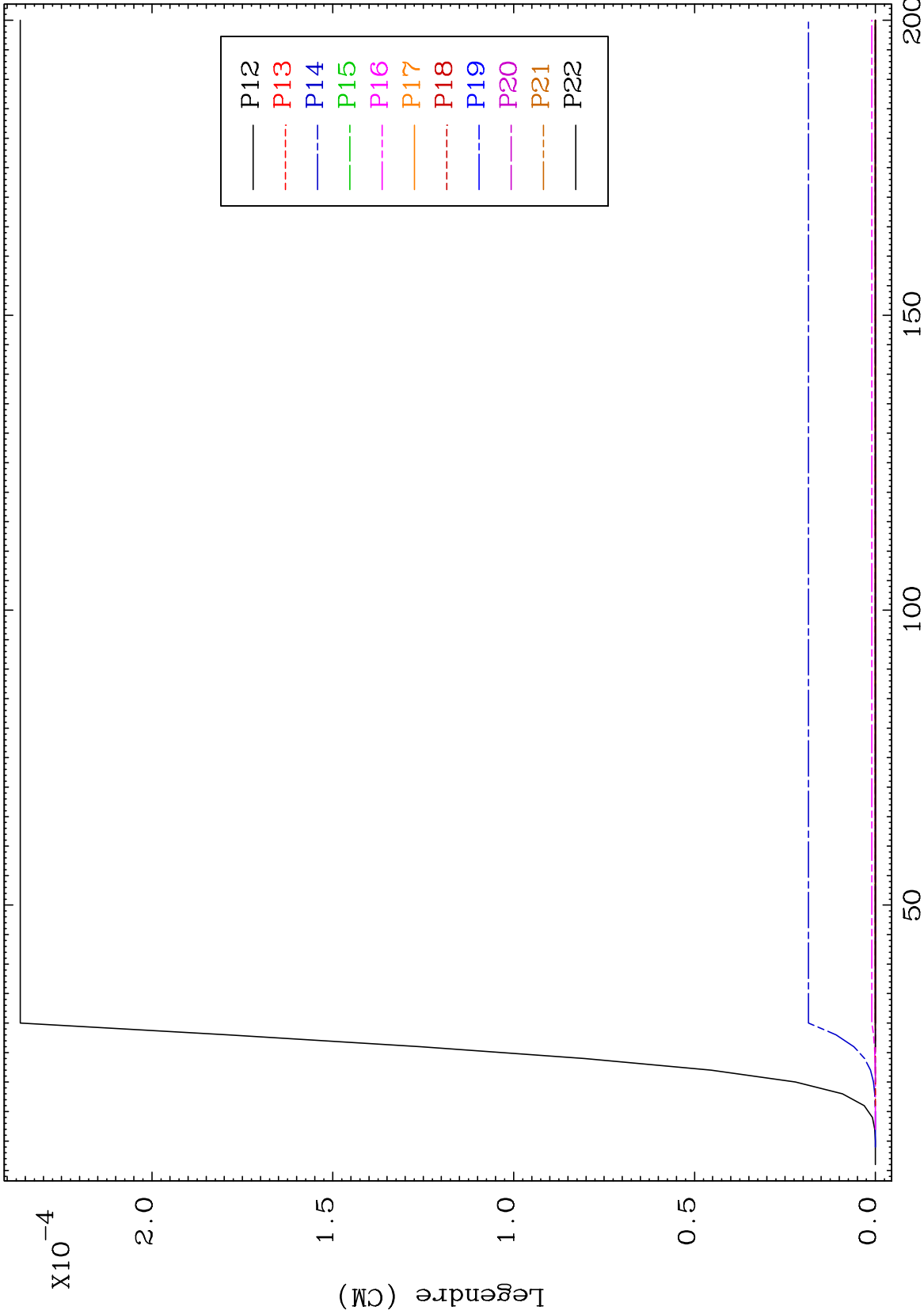
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



45

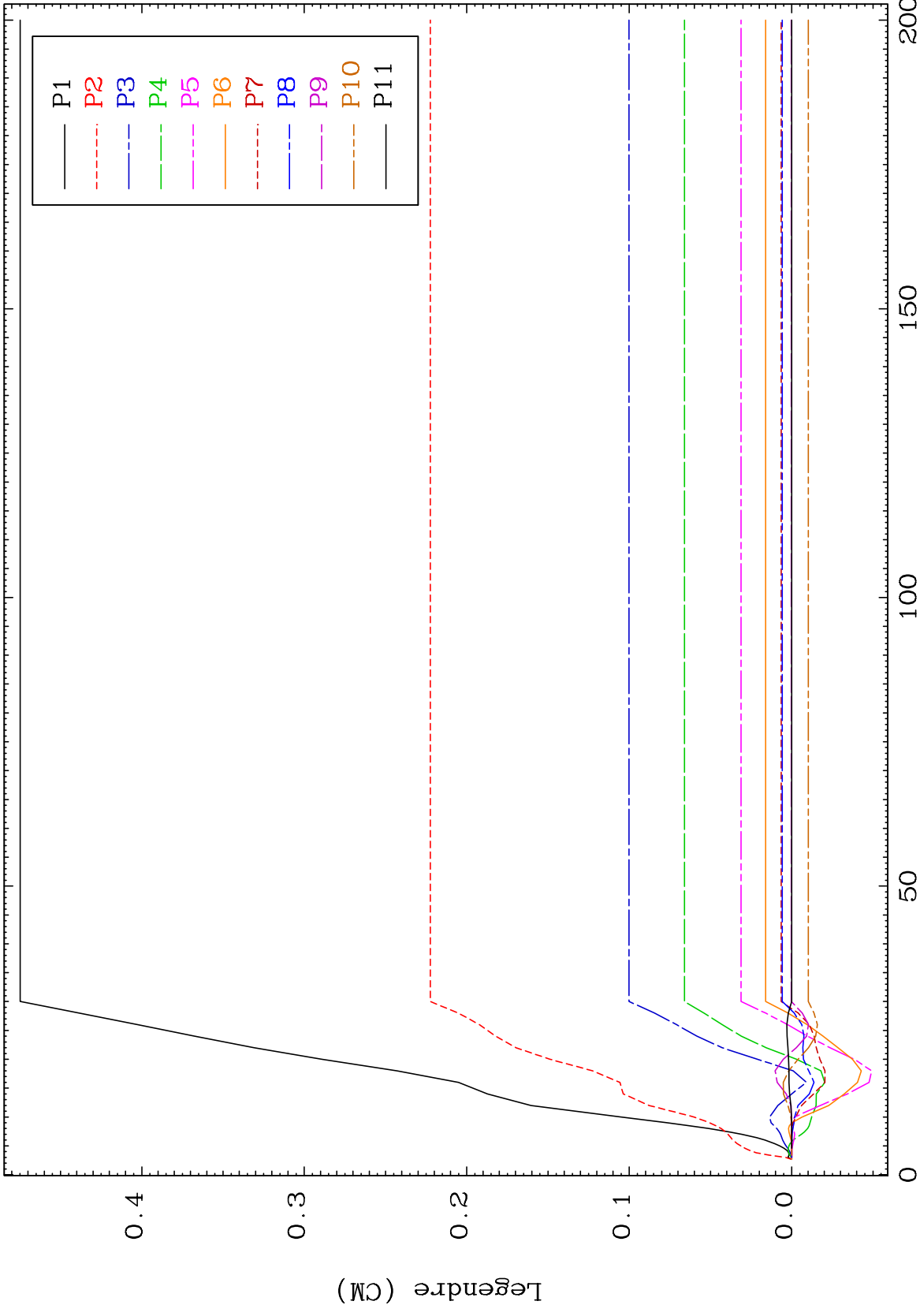
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



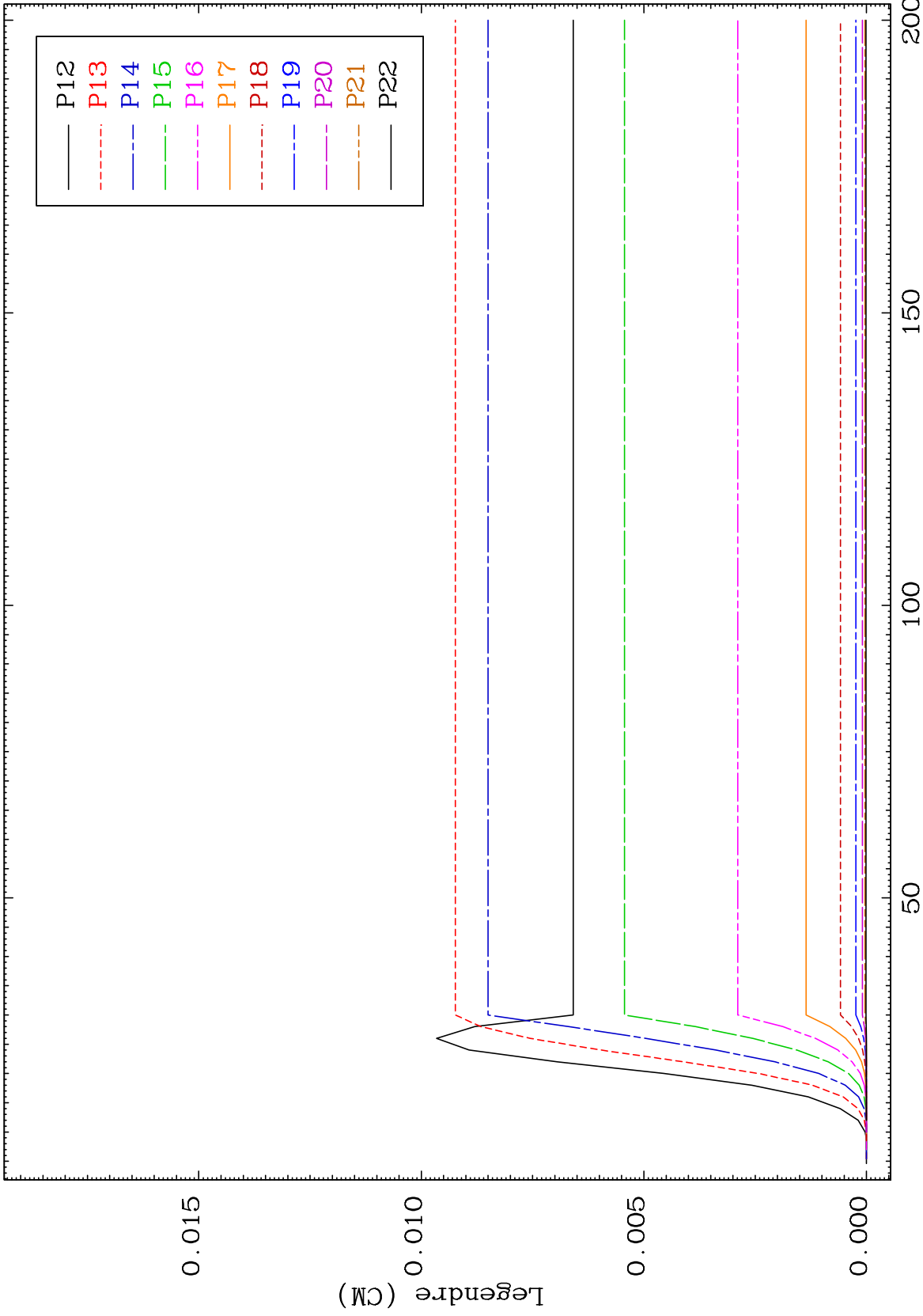
46

23-V -51

MAT 2328

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

23-V -51



47

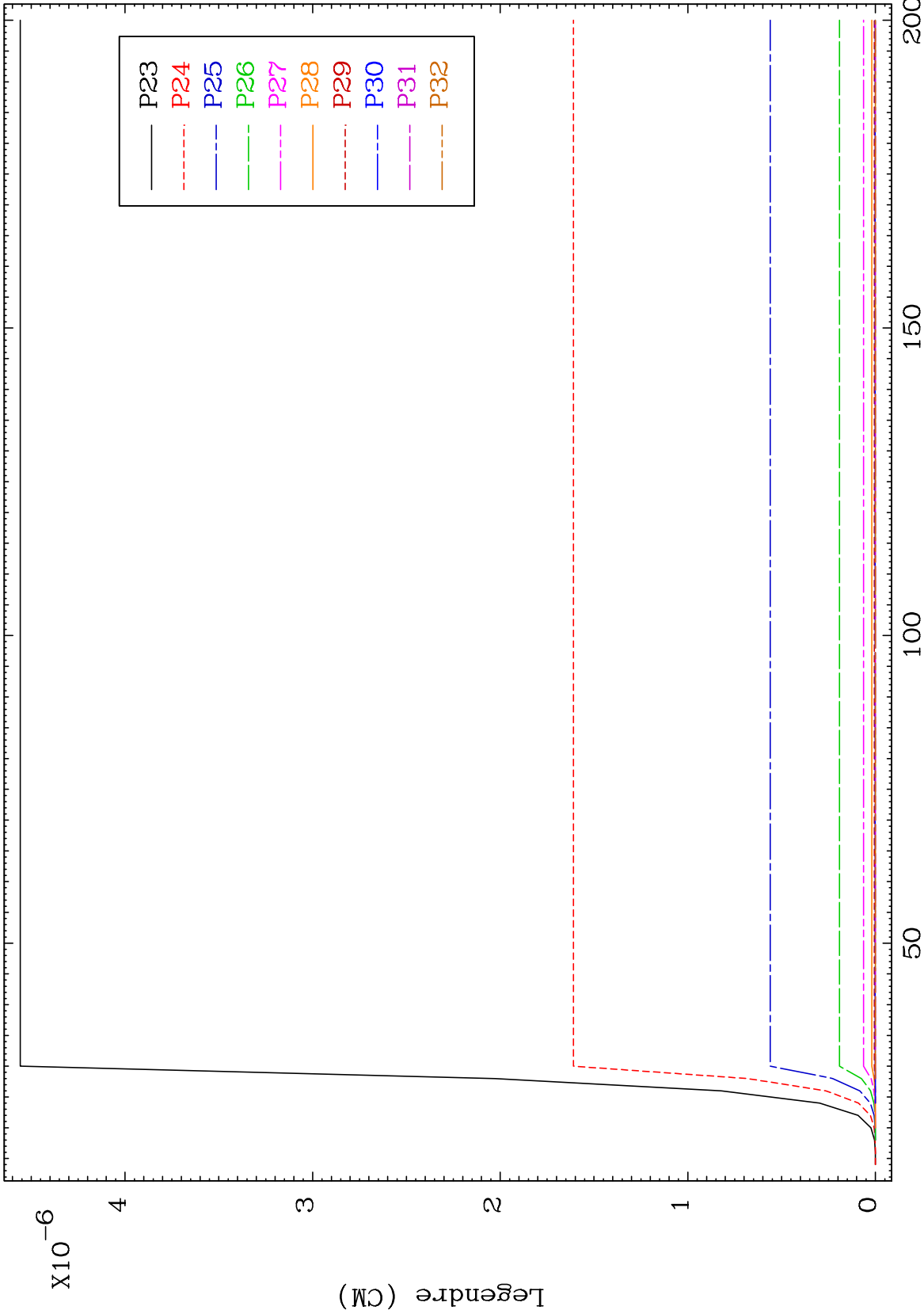
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



48

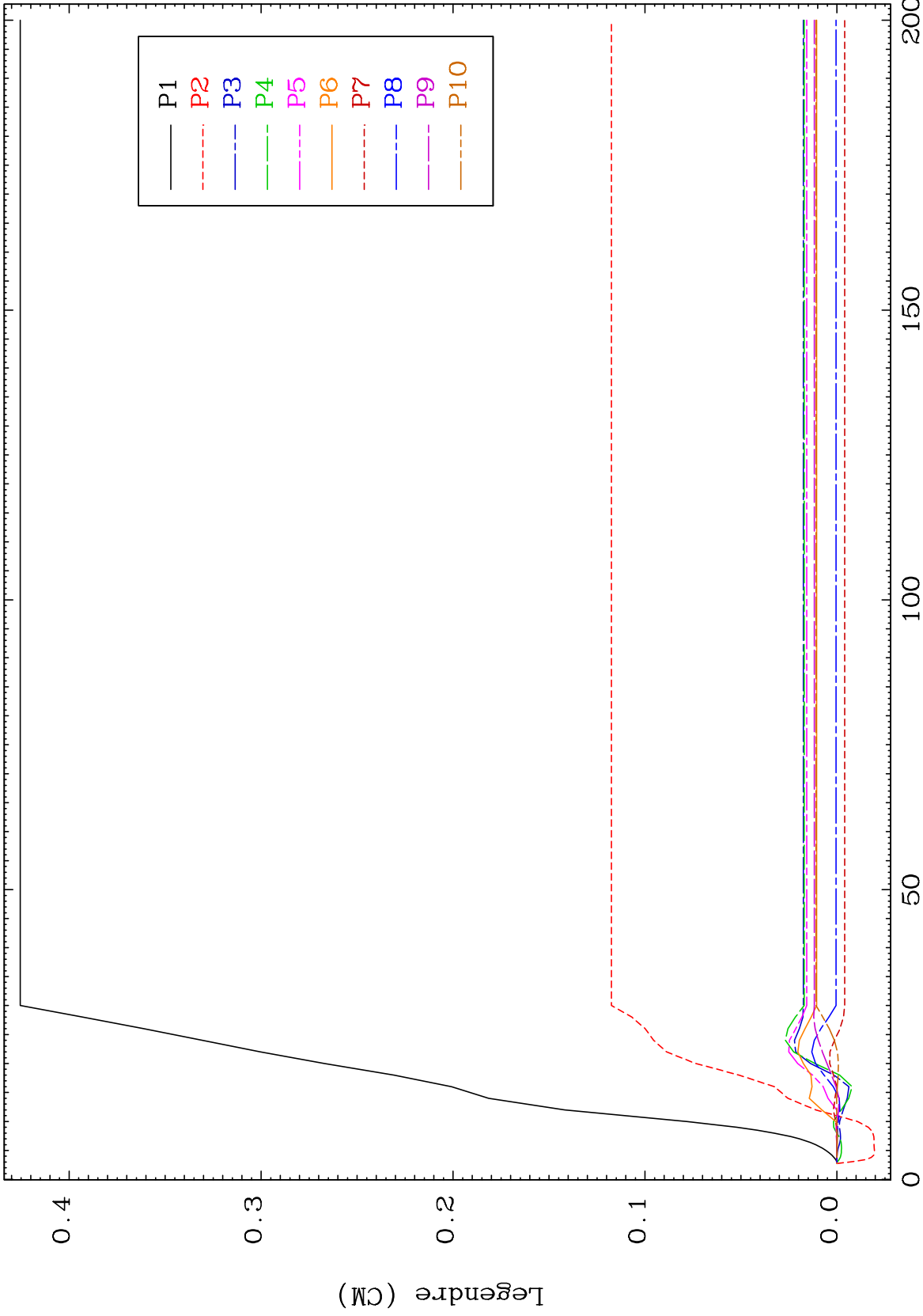
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



49

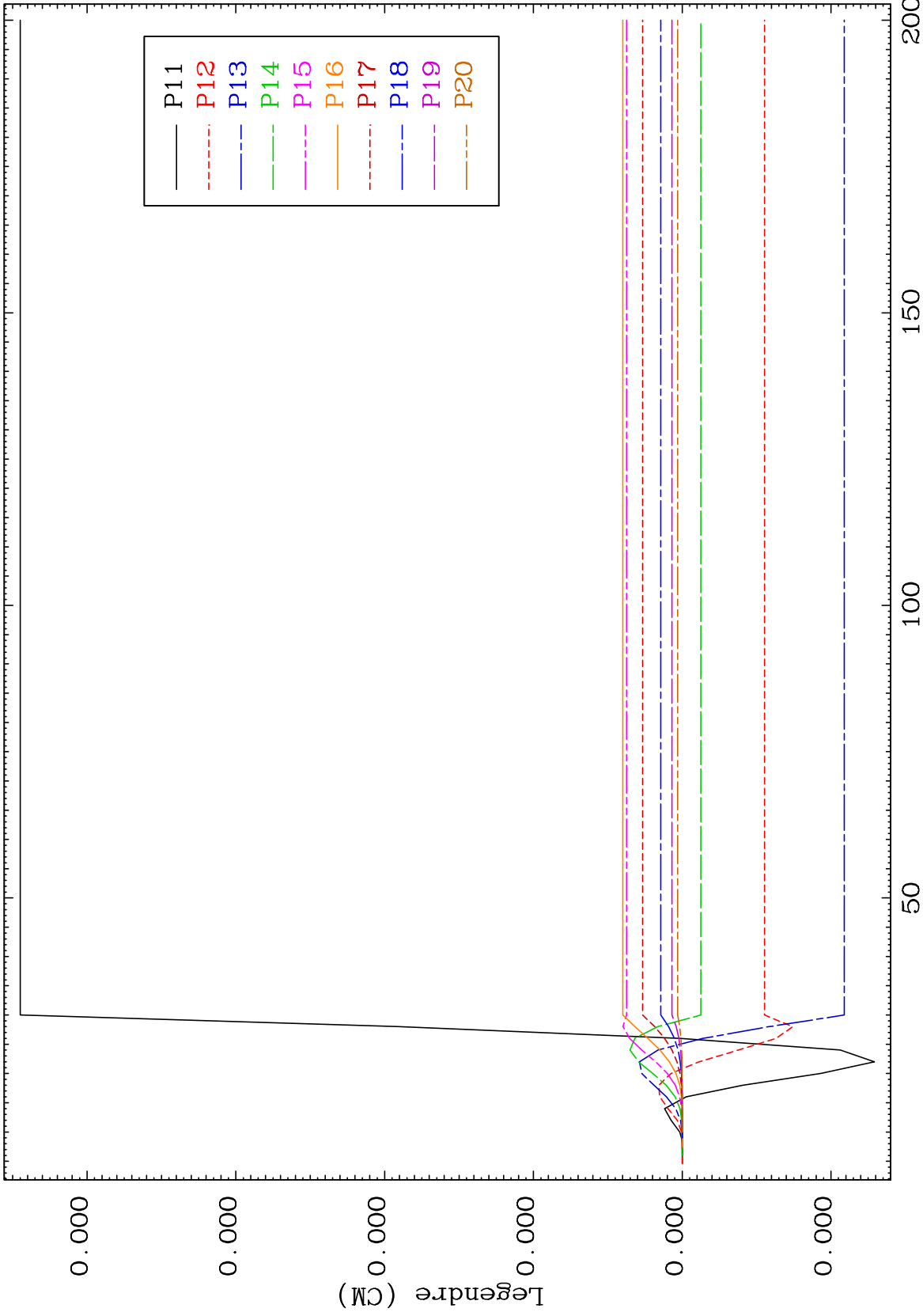
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



50

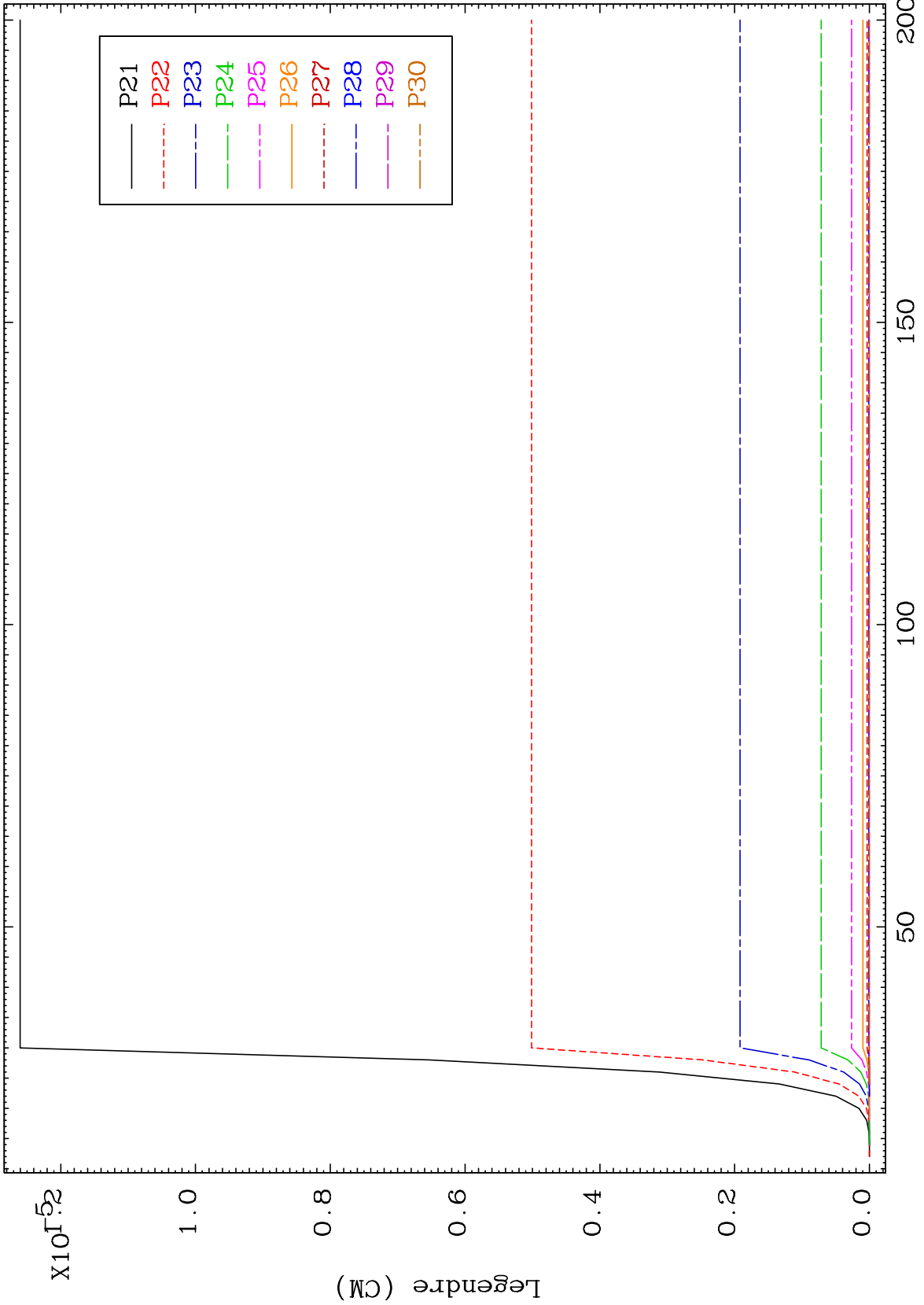
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



51

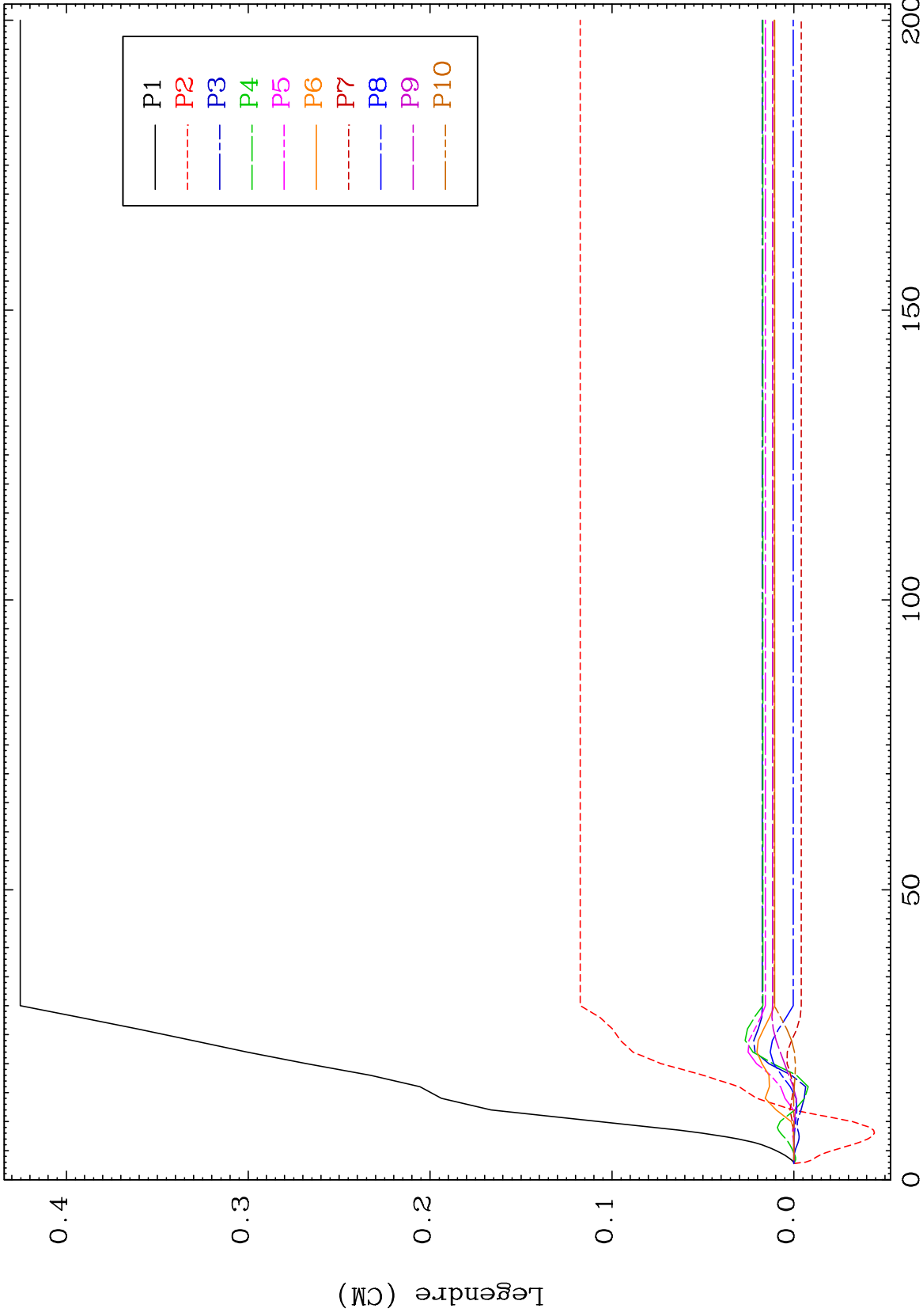
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



52

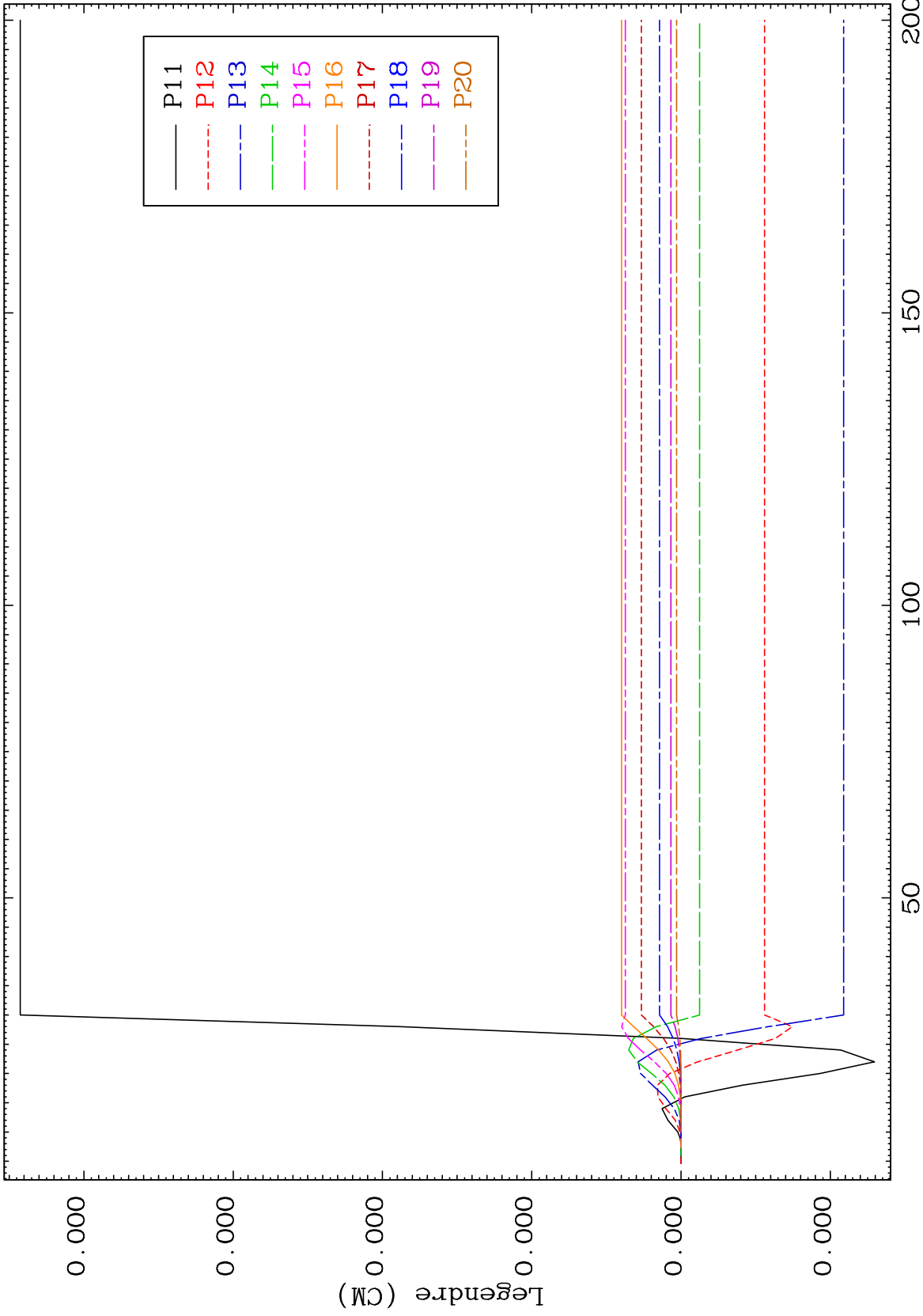
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



53

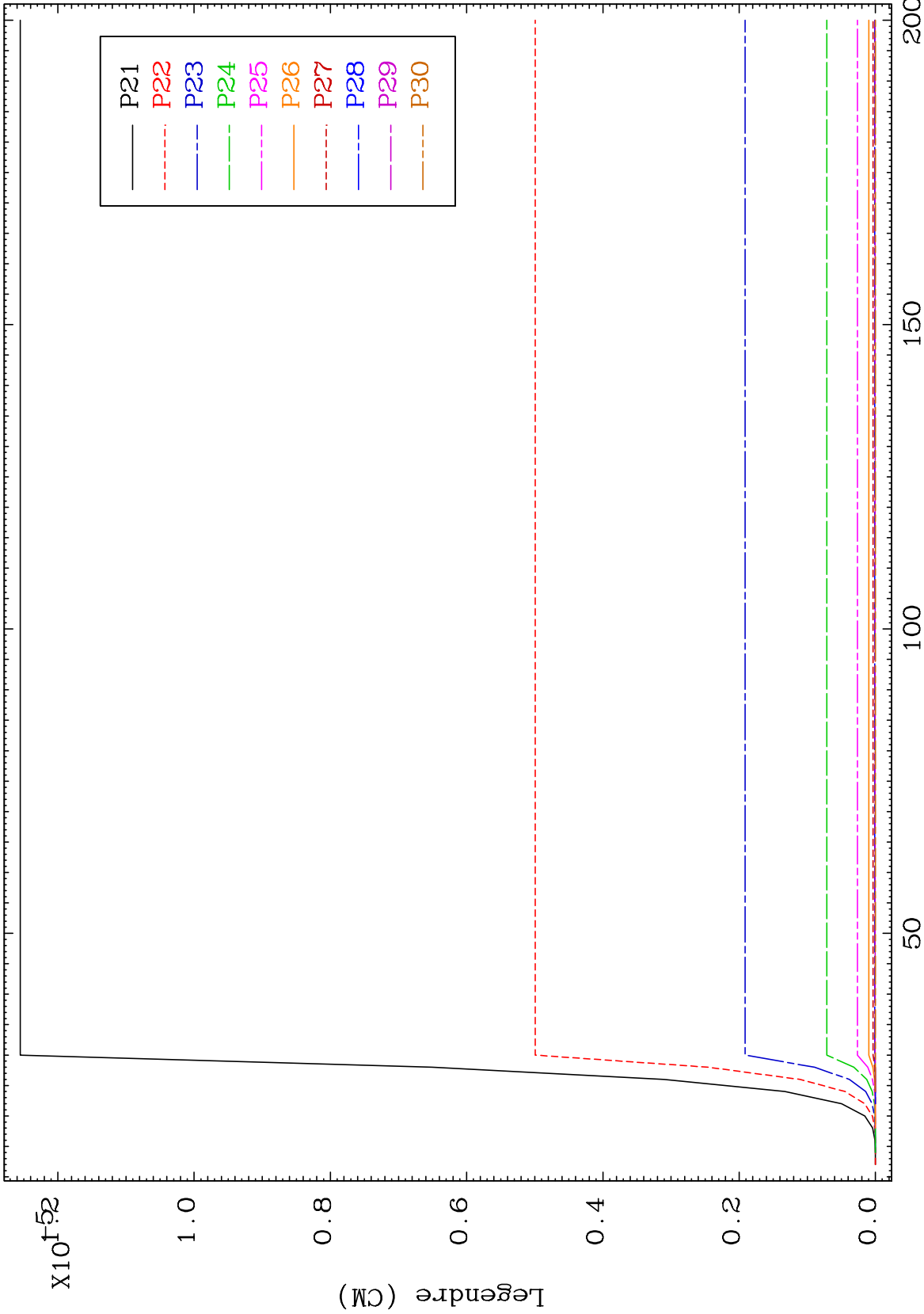
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



54

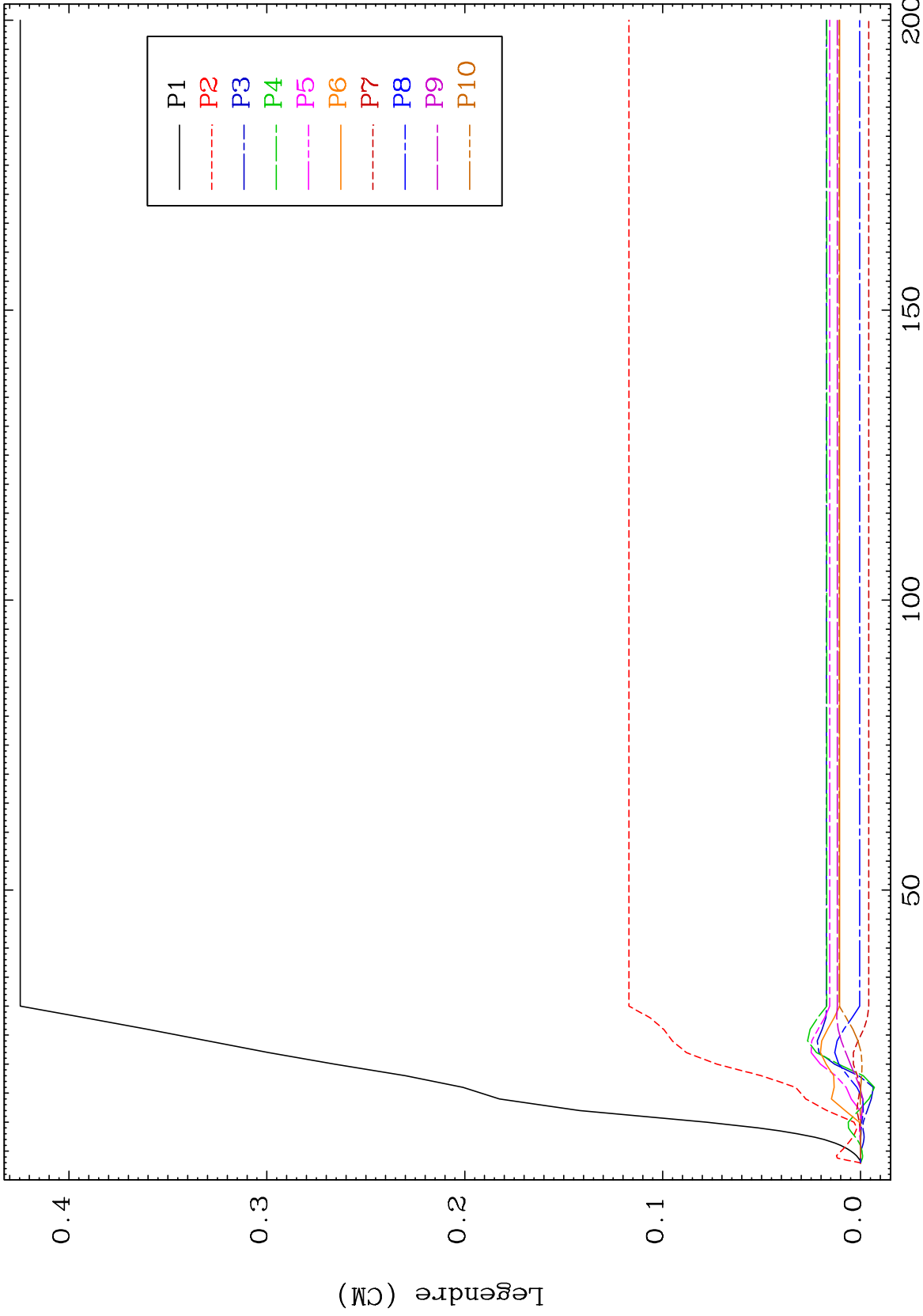
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



55

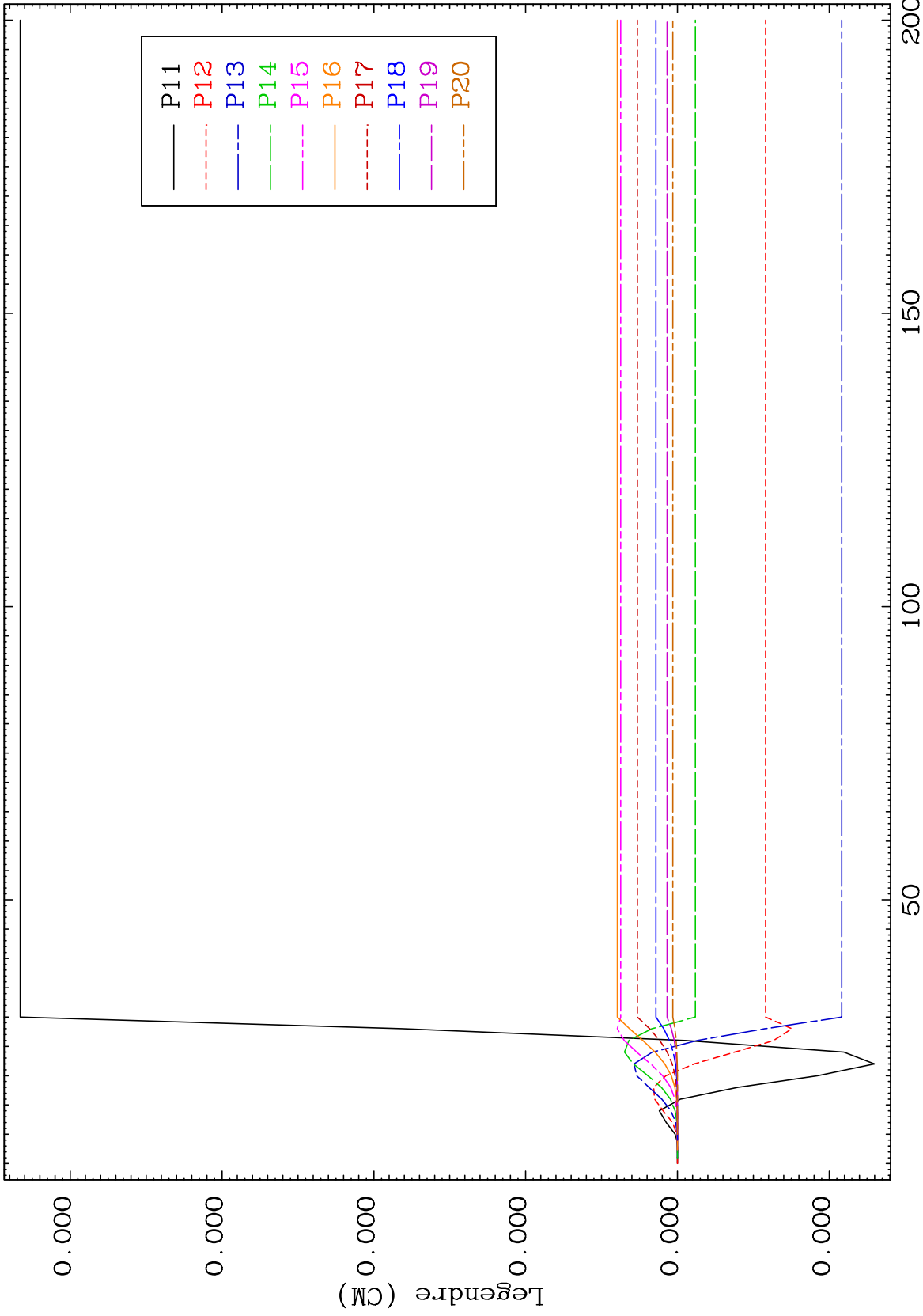
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



56

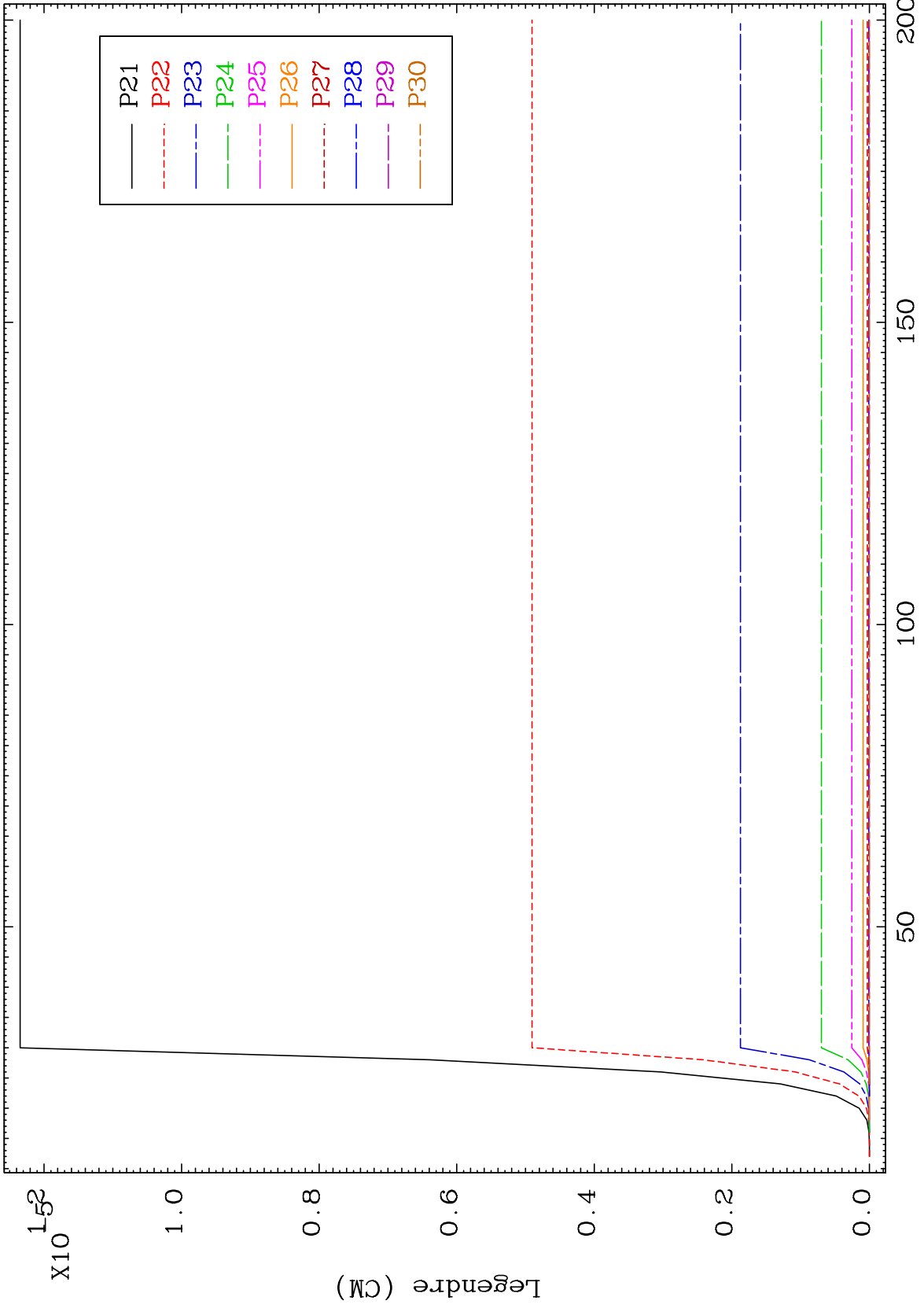
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



57

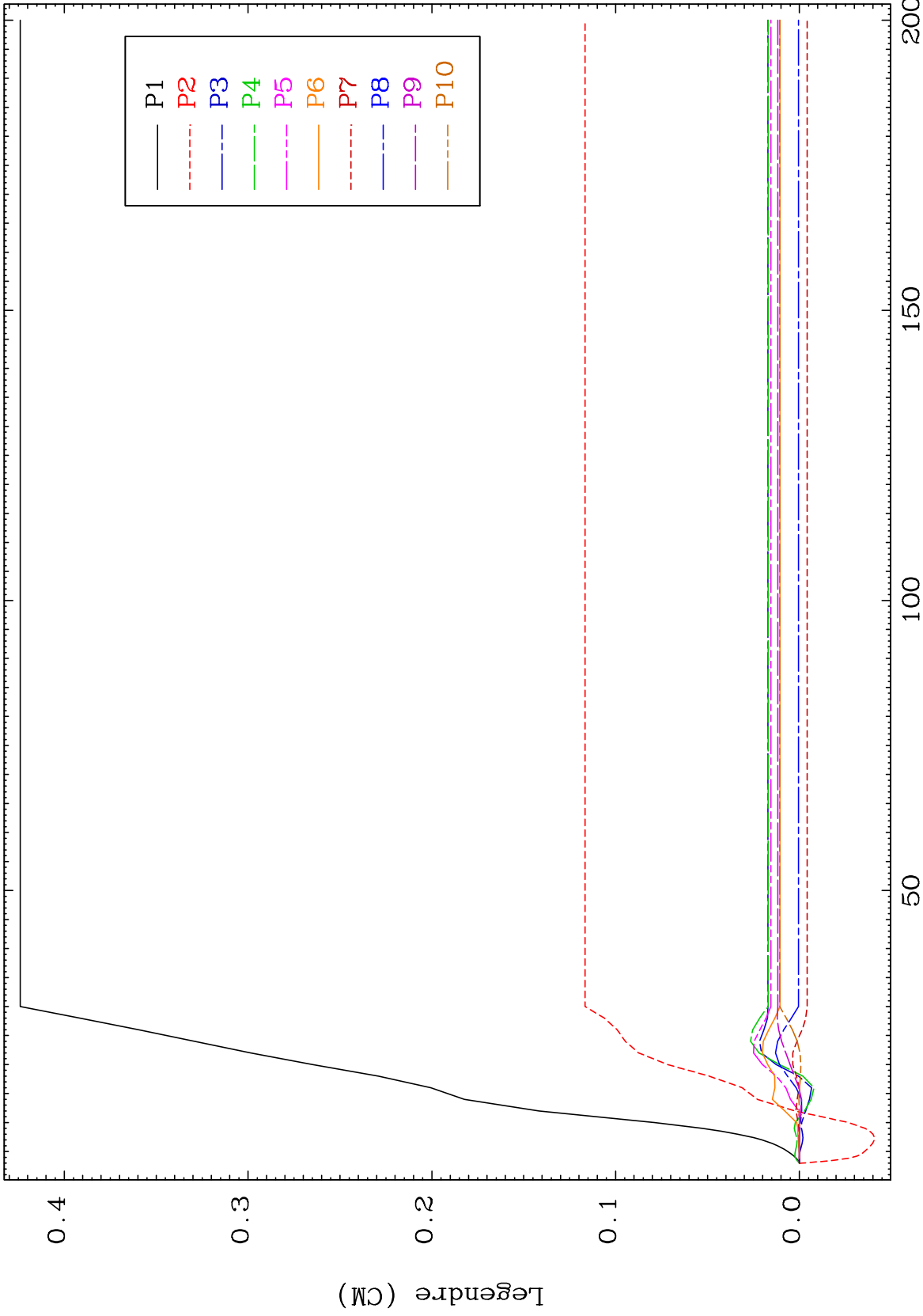
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



58

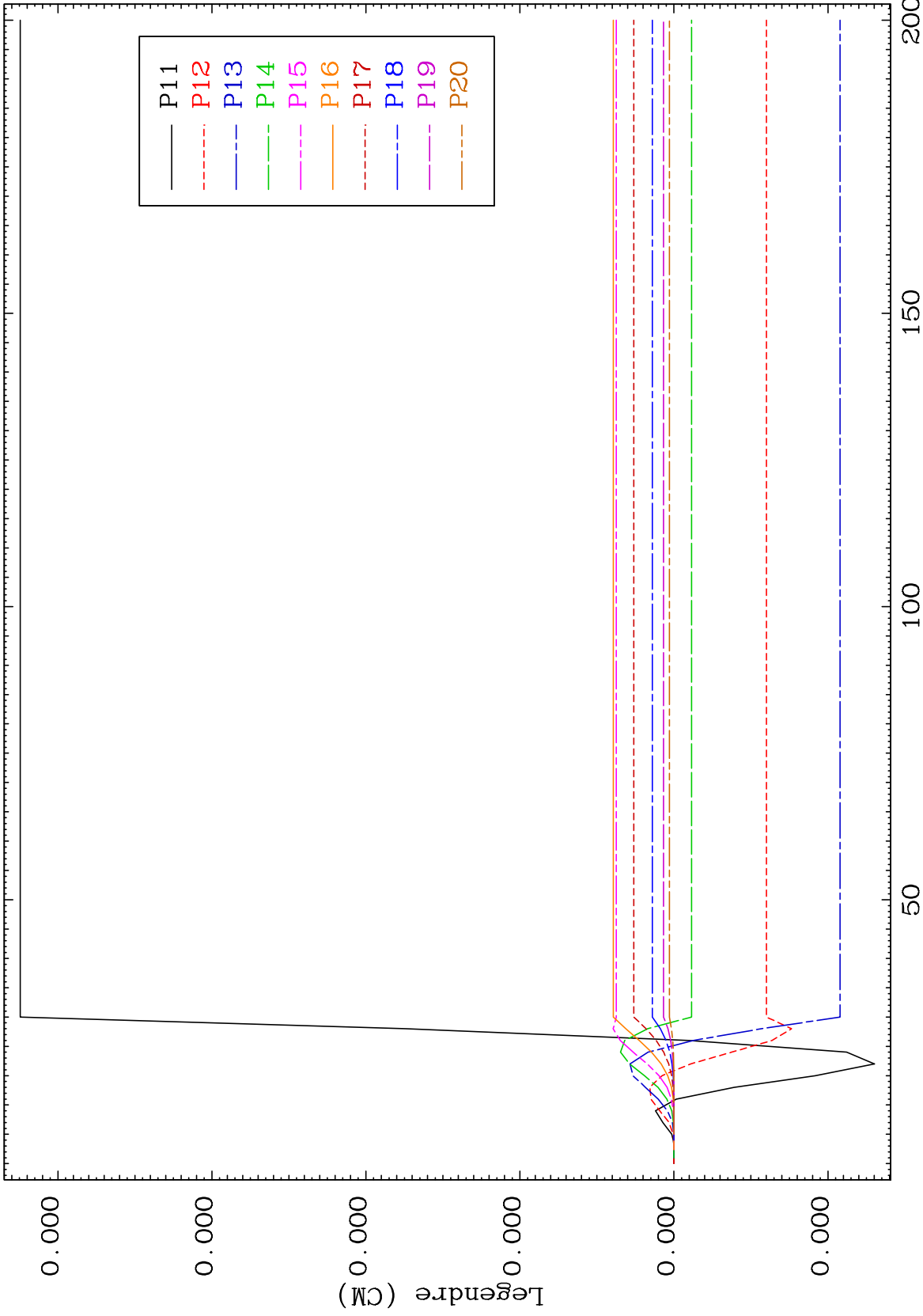
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



59

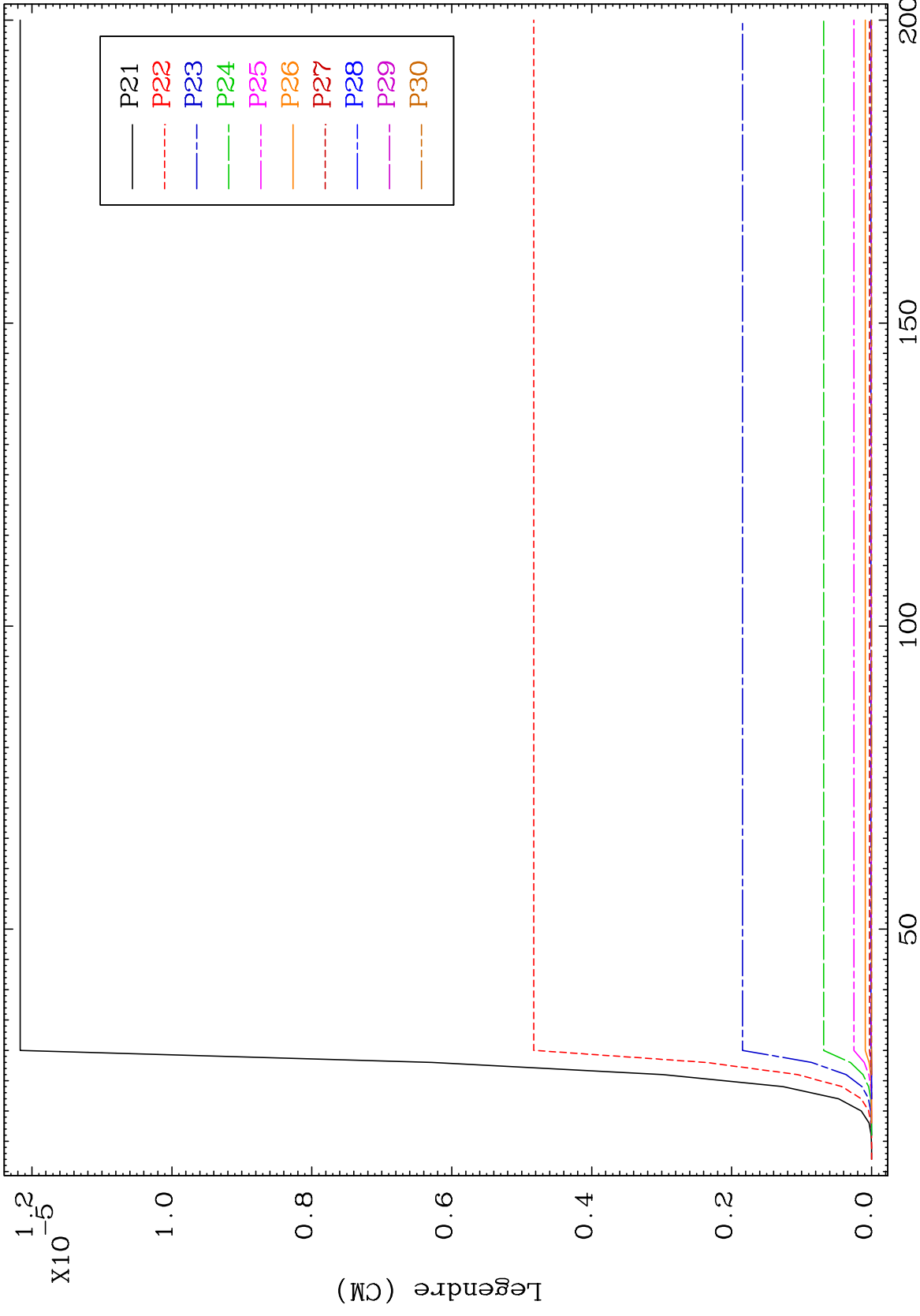
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



60

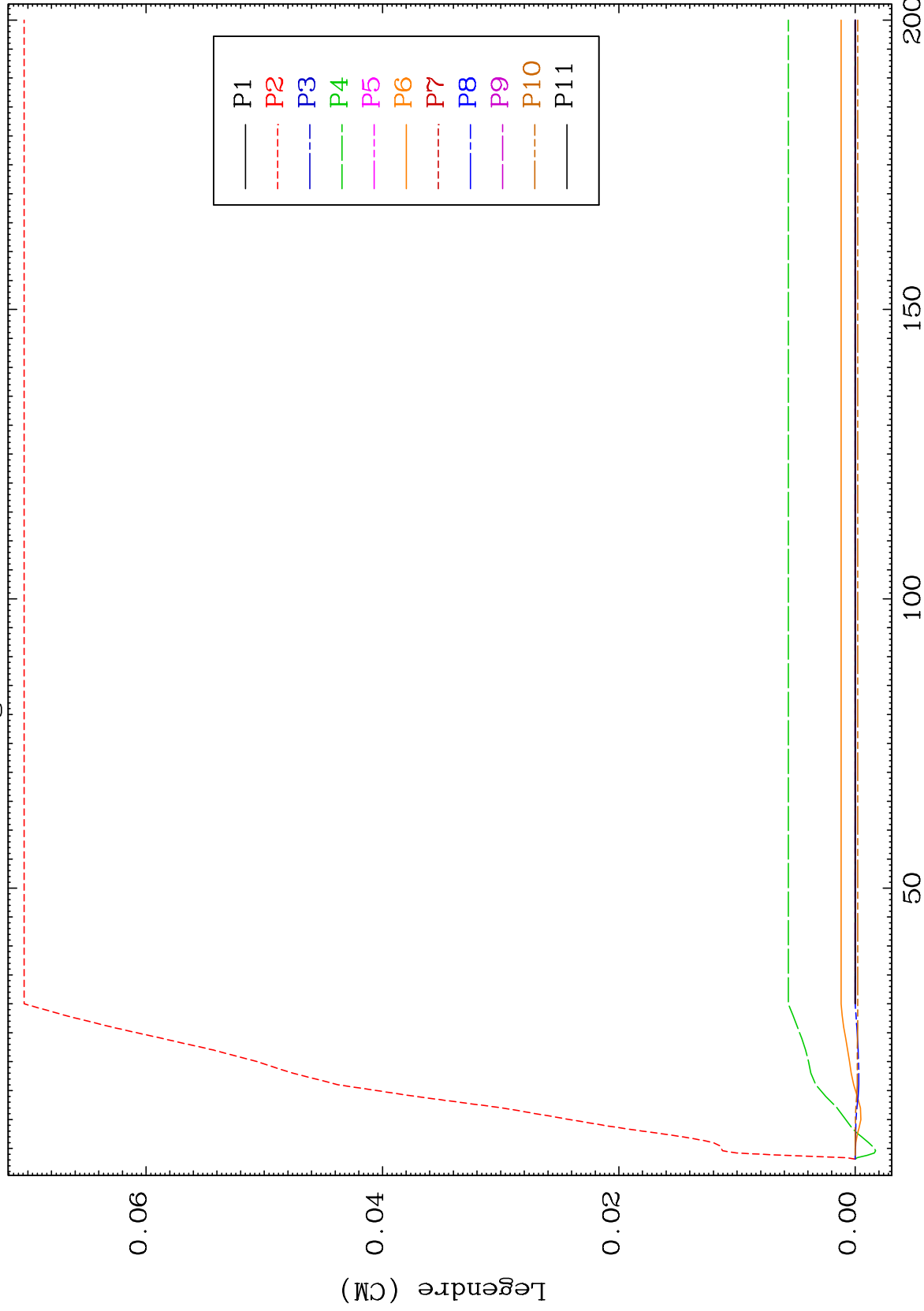
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



61

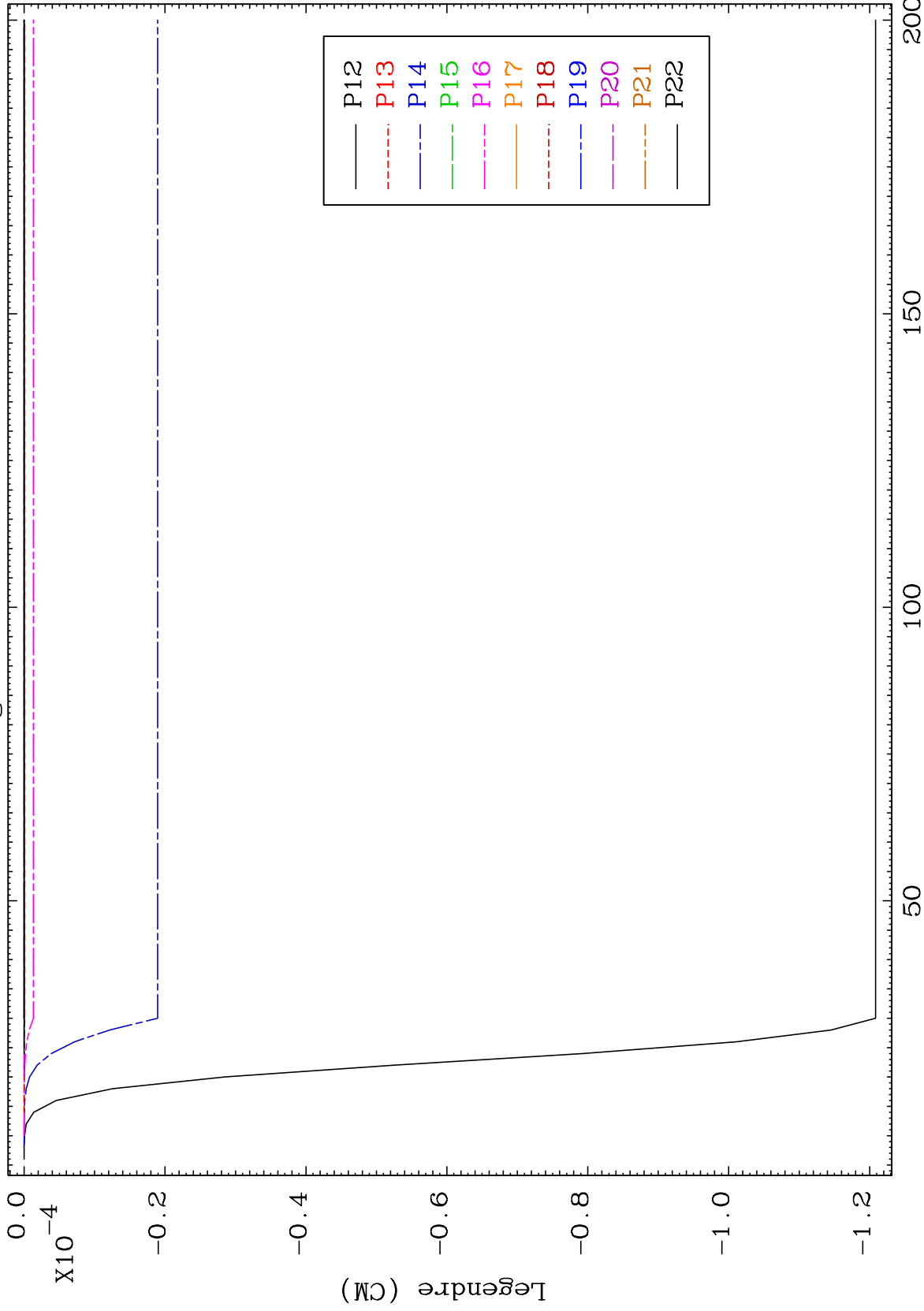
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



62

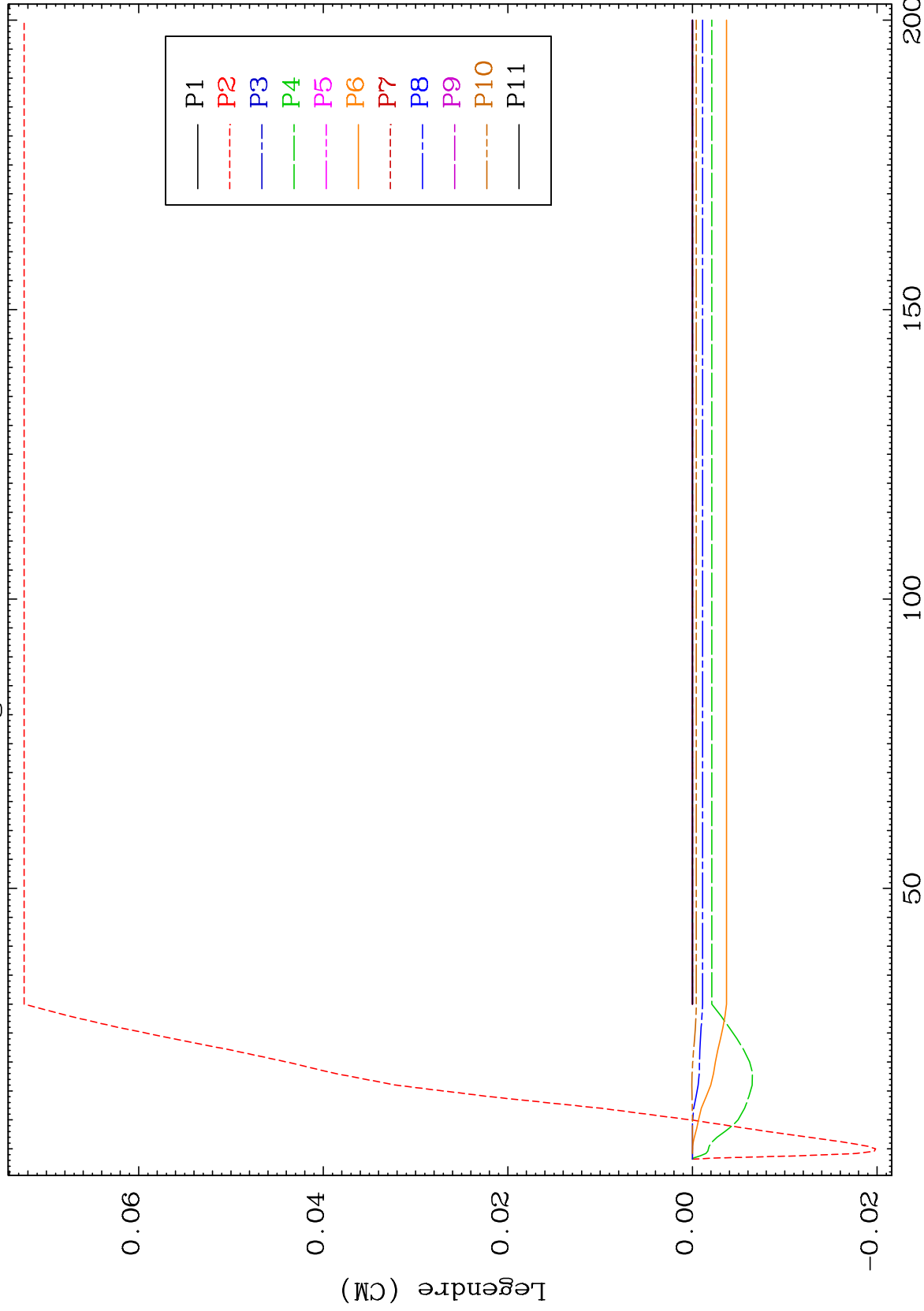
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



63

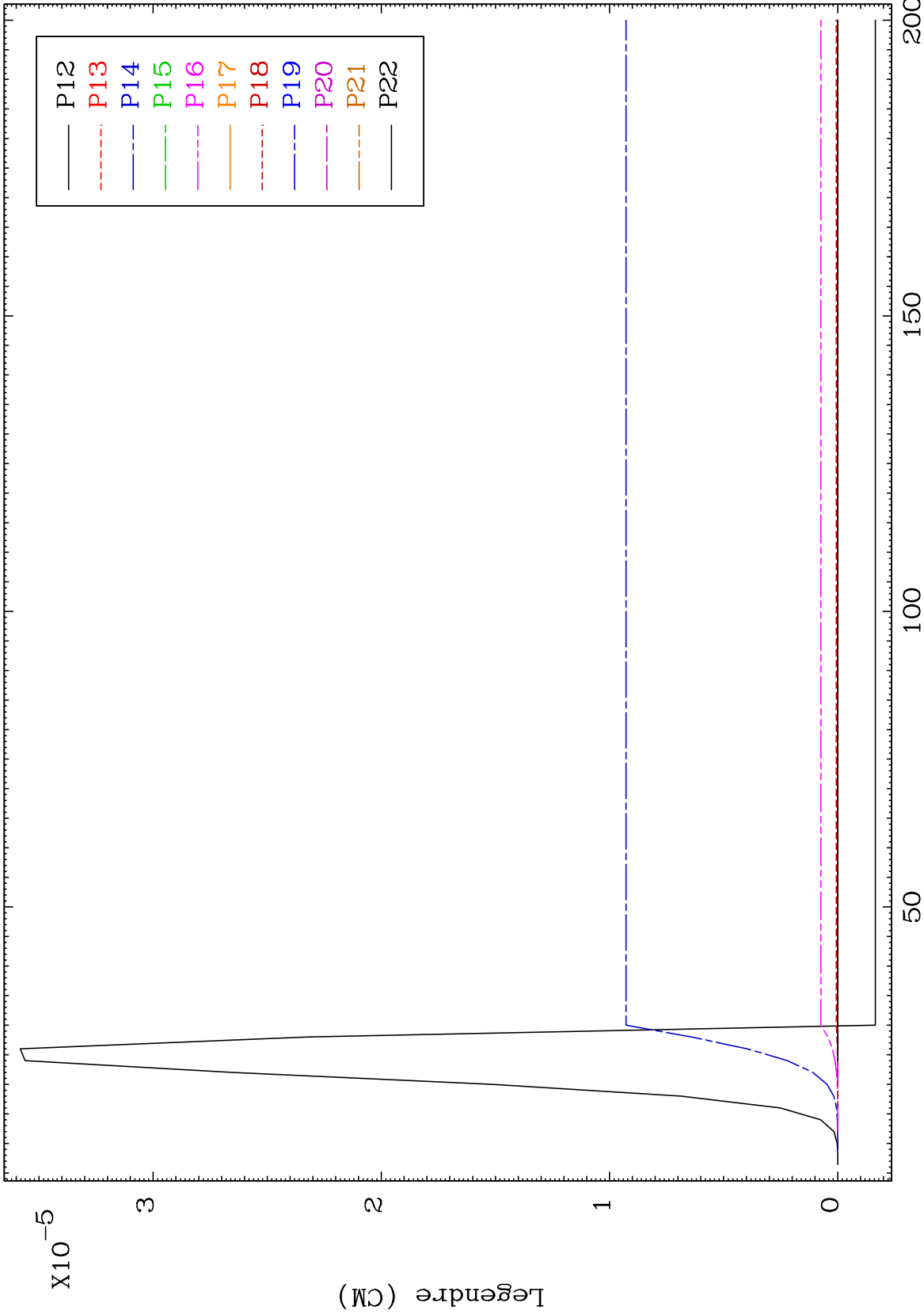
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



64

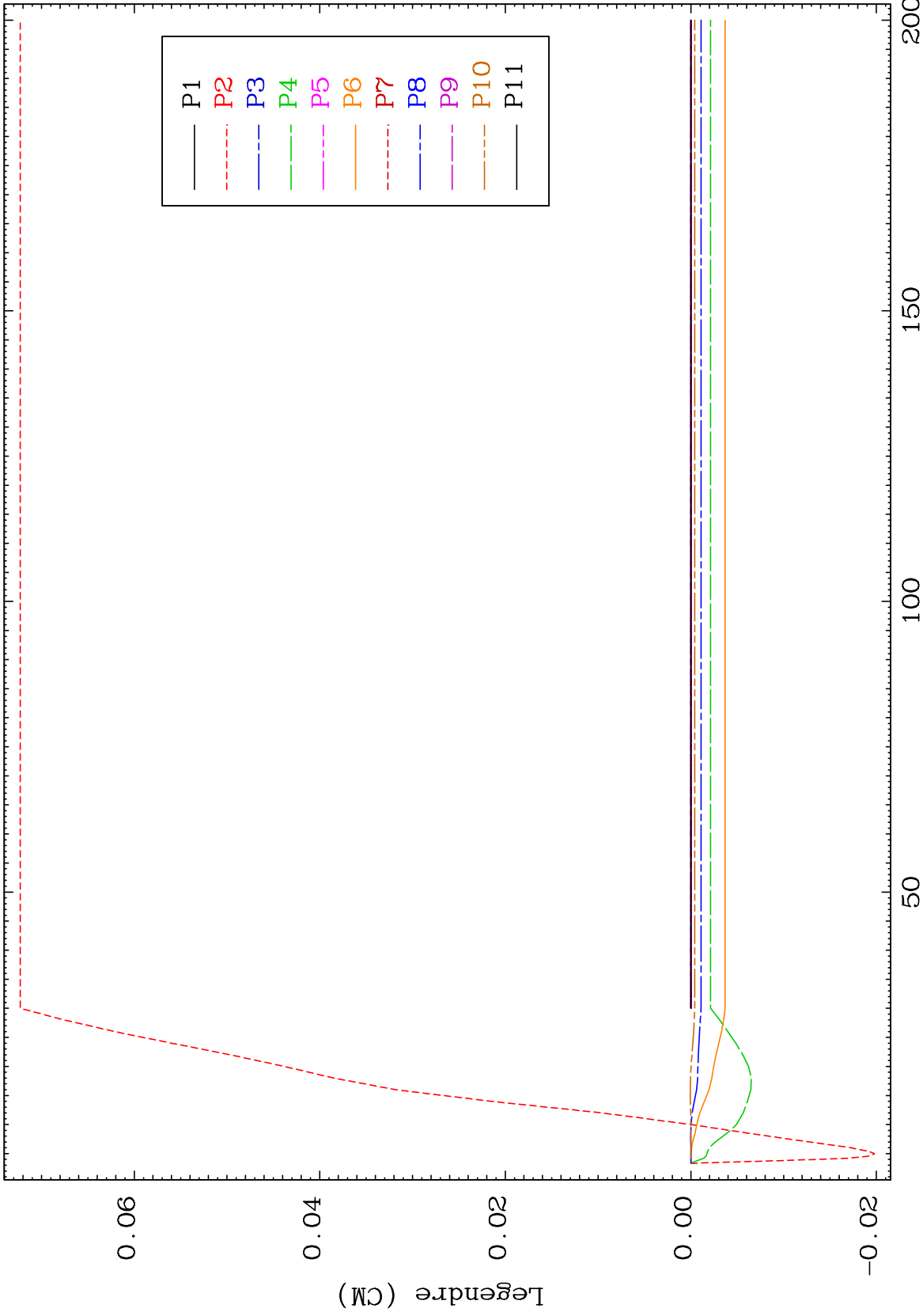
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



65

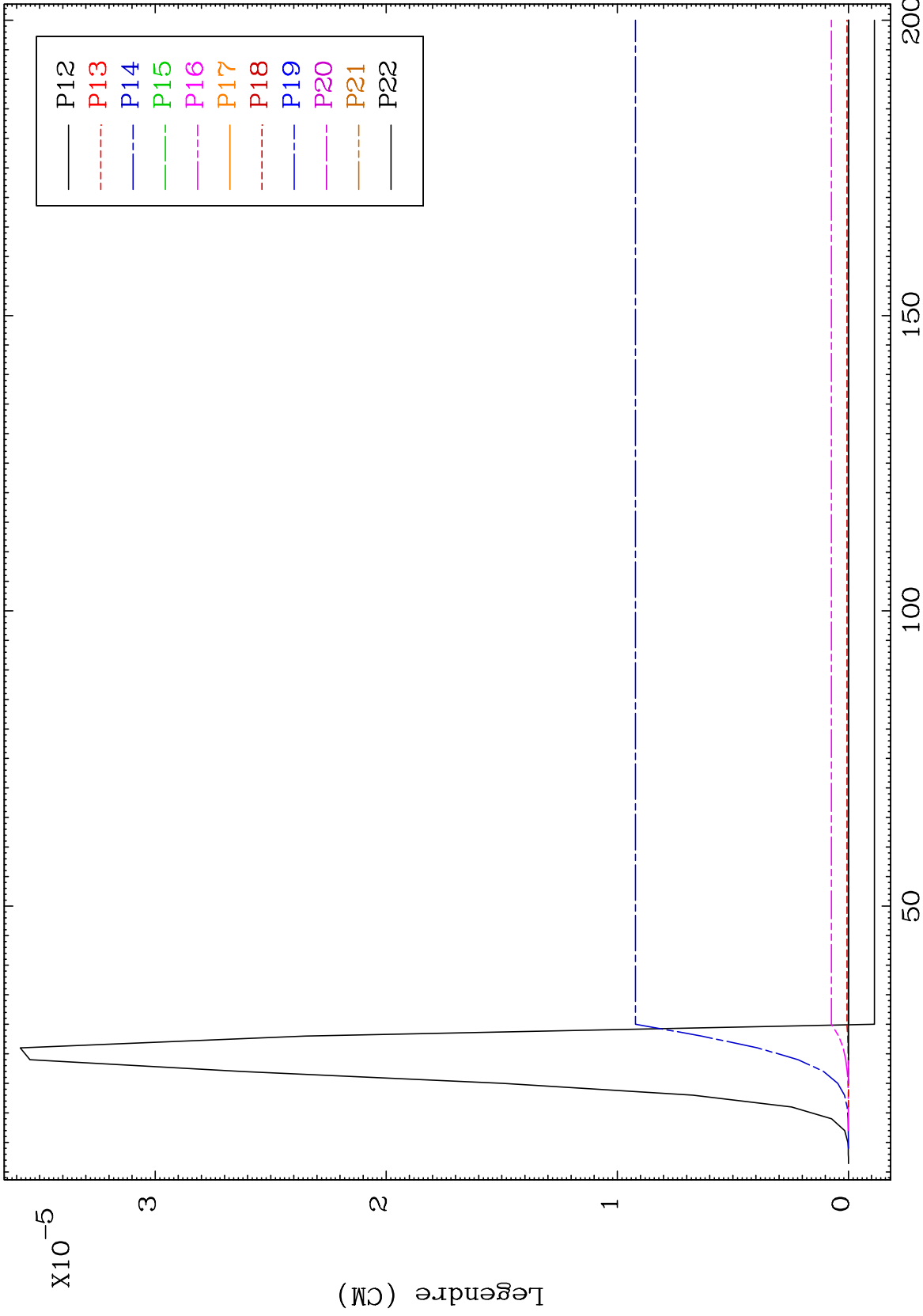
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



66

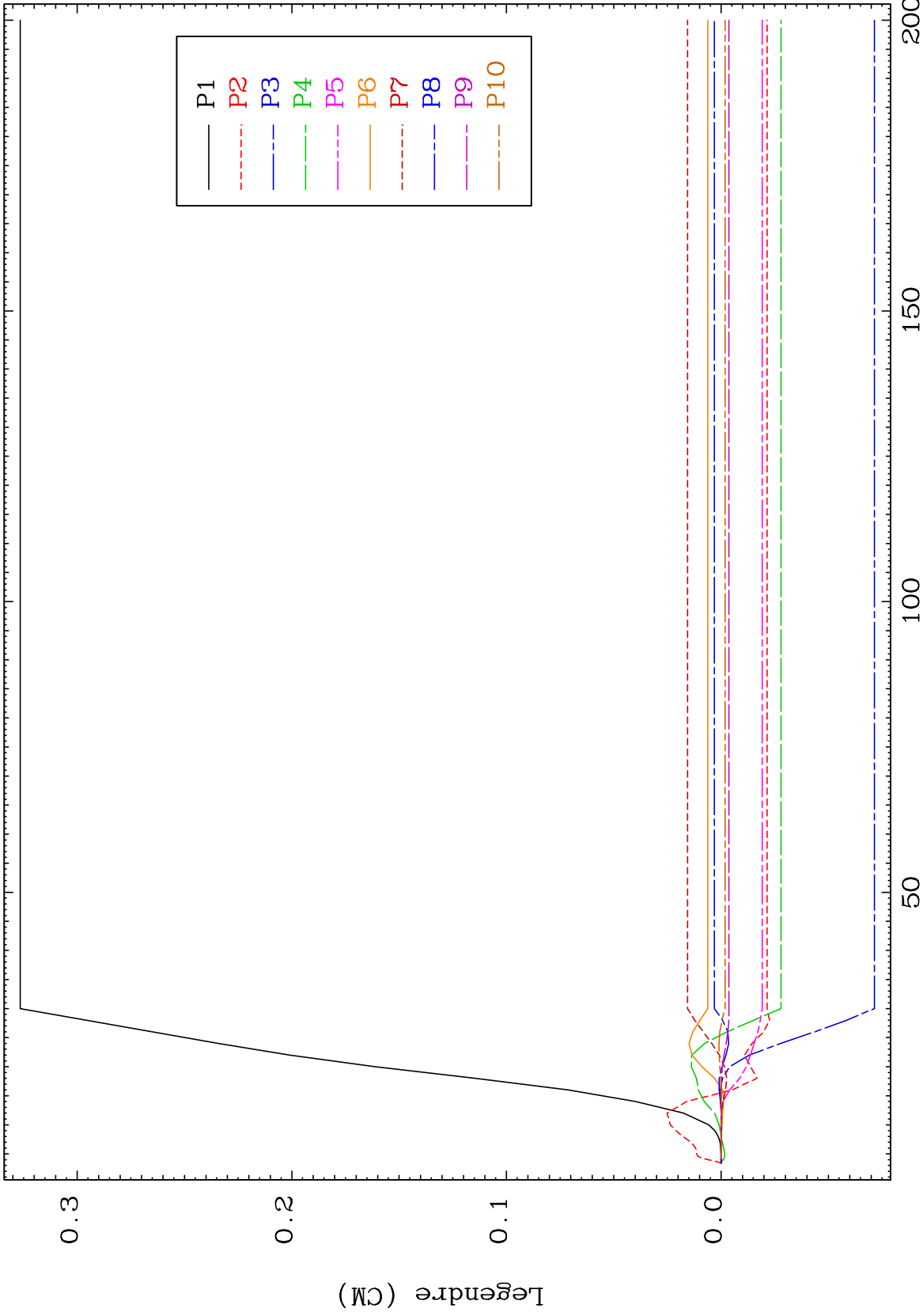
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



67

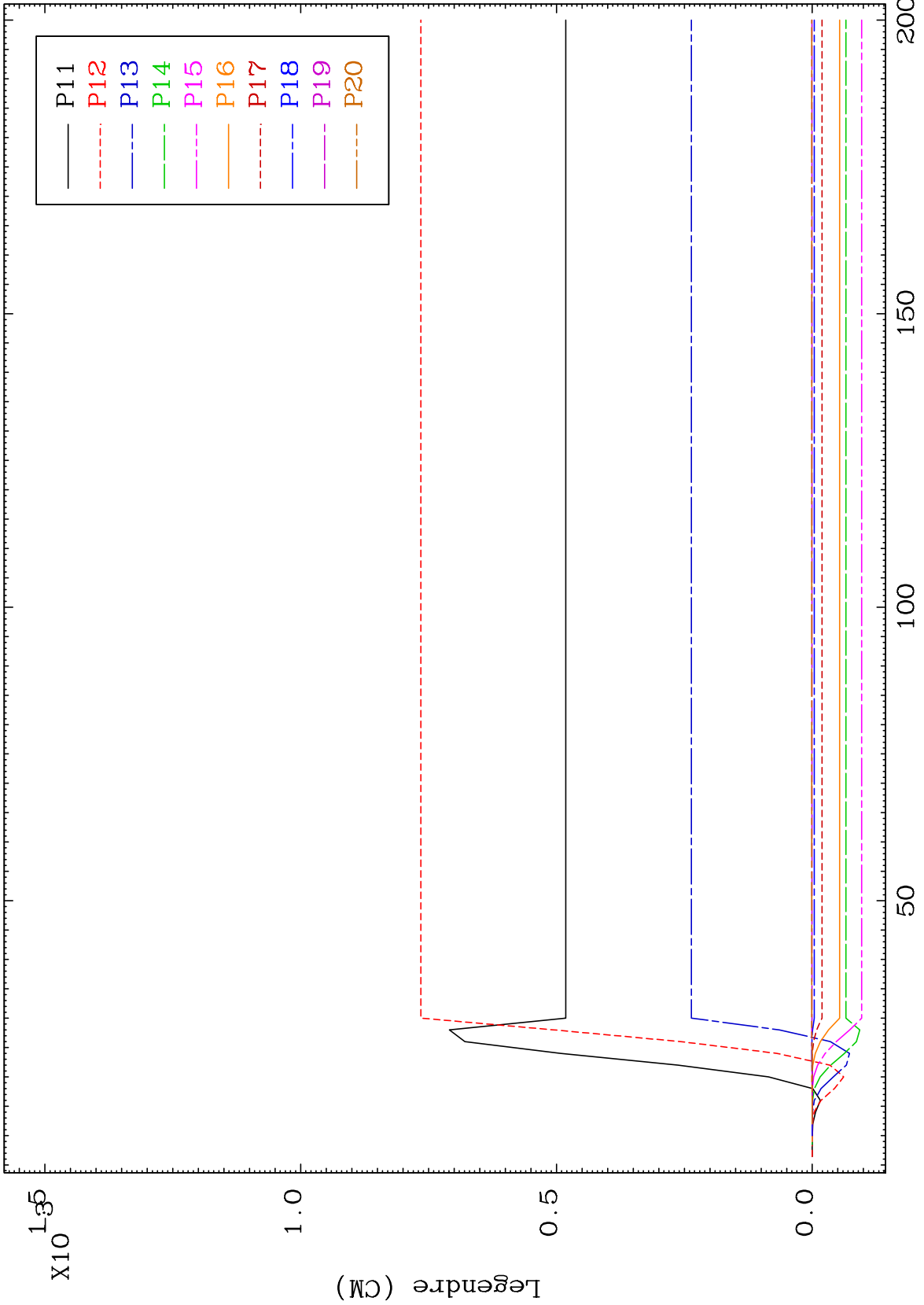
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



68

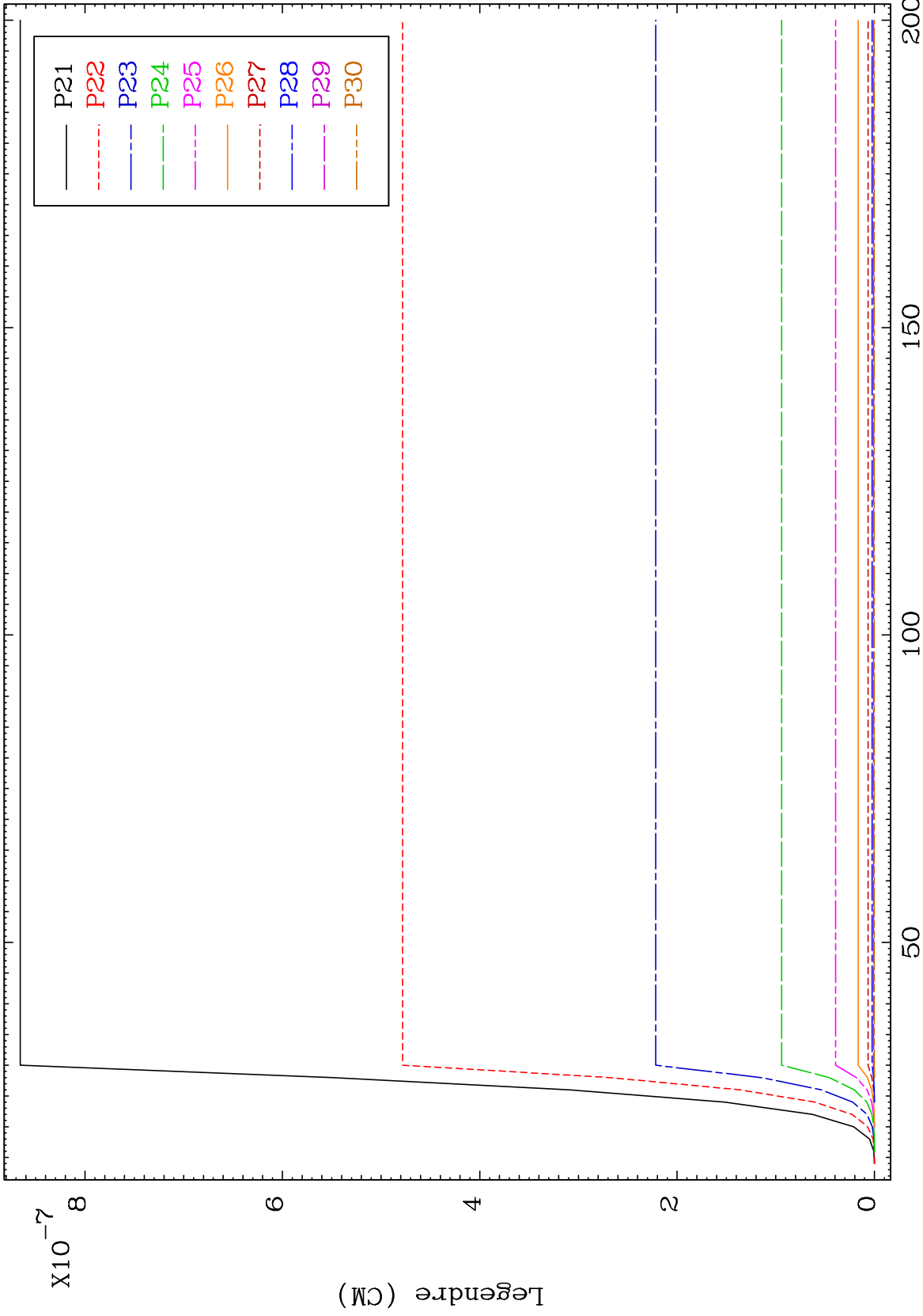
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



69

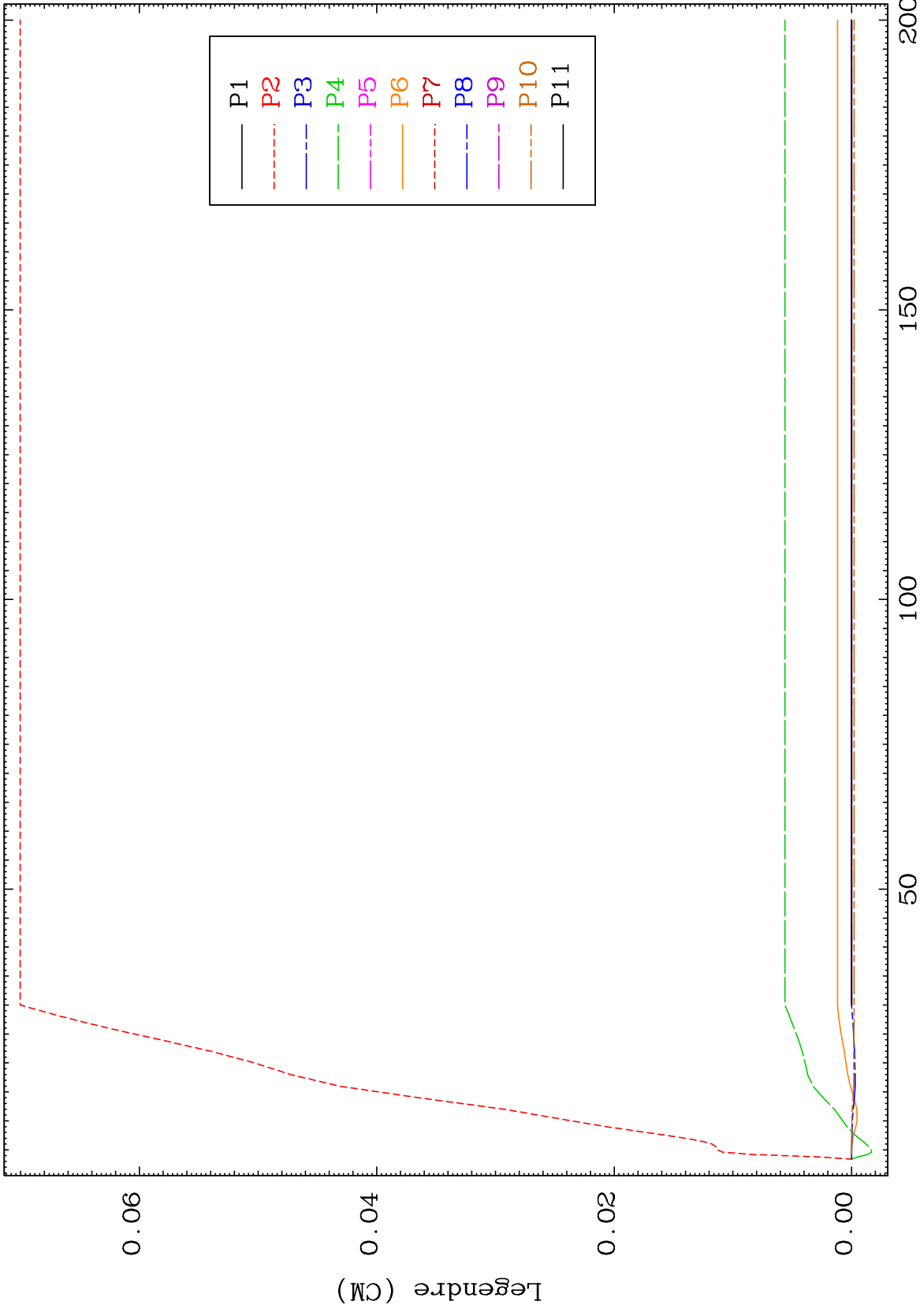
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



70

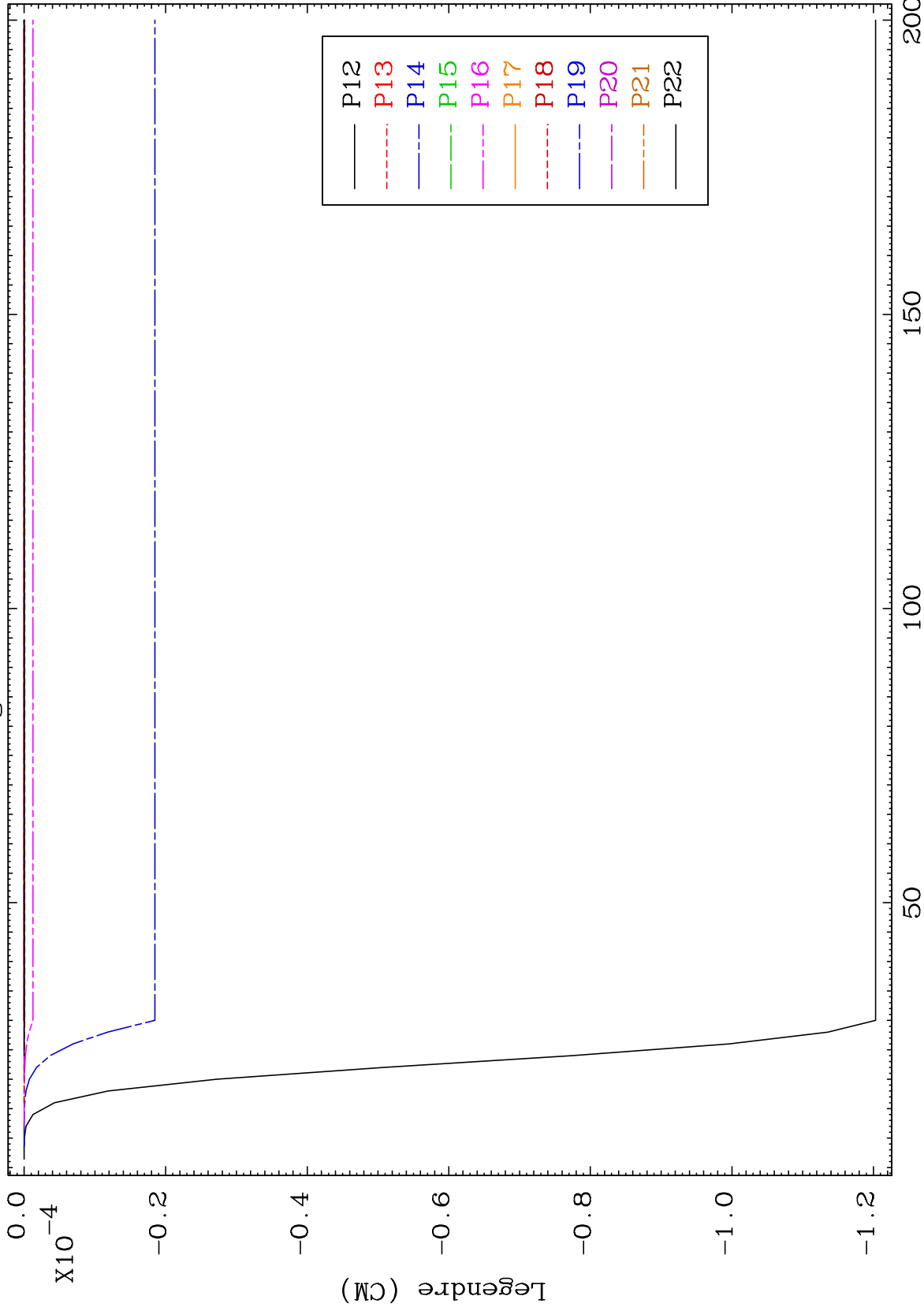
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



71

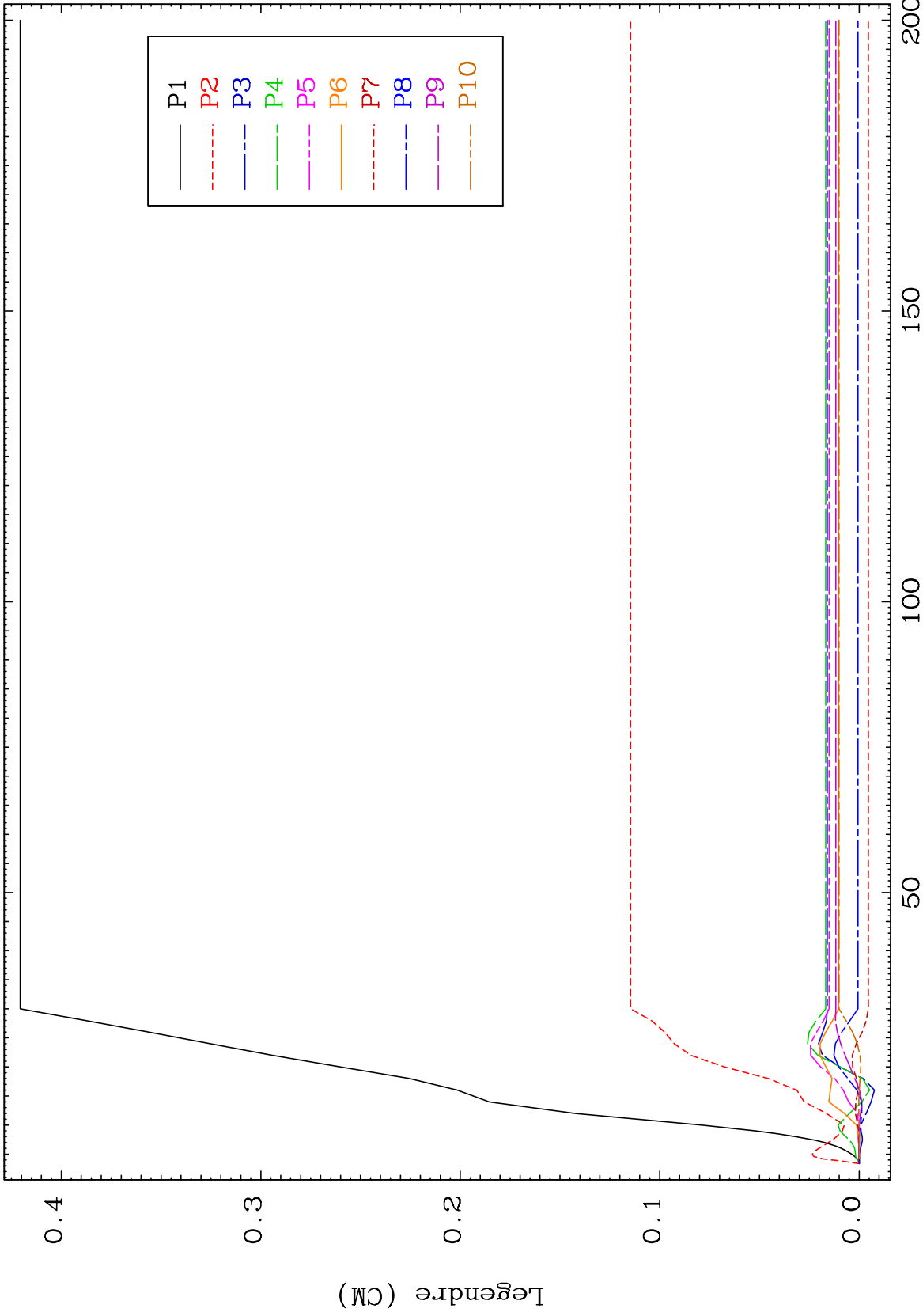
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



72

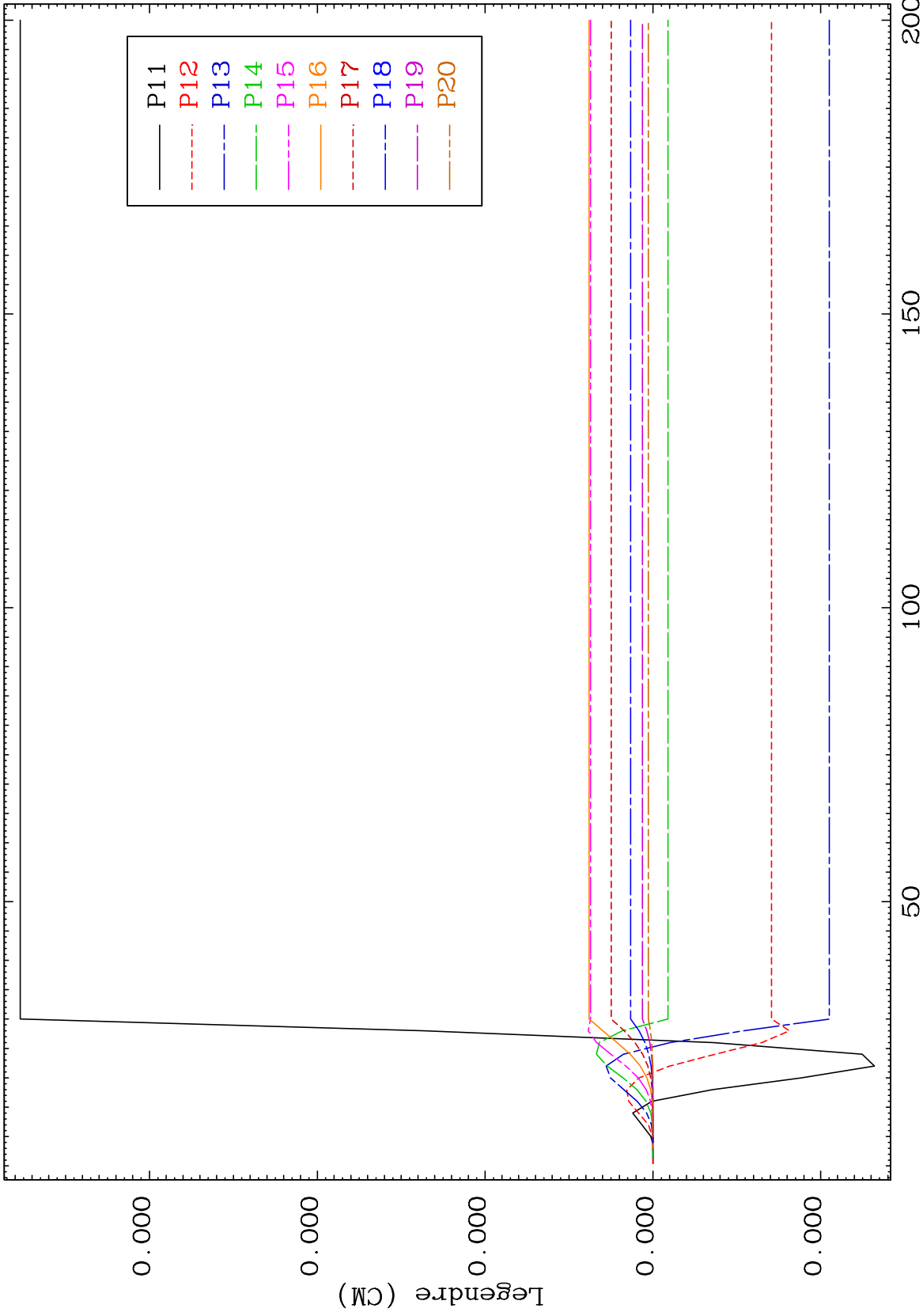
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



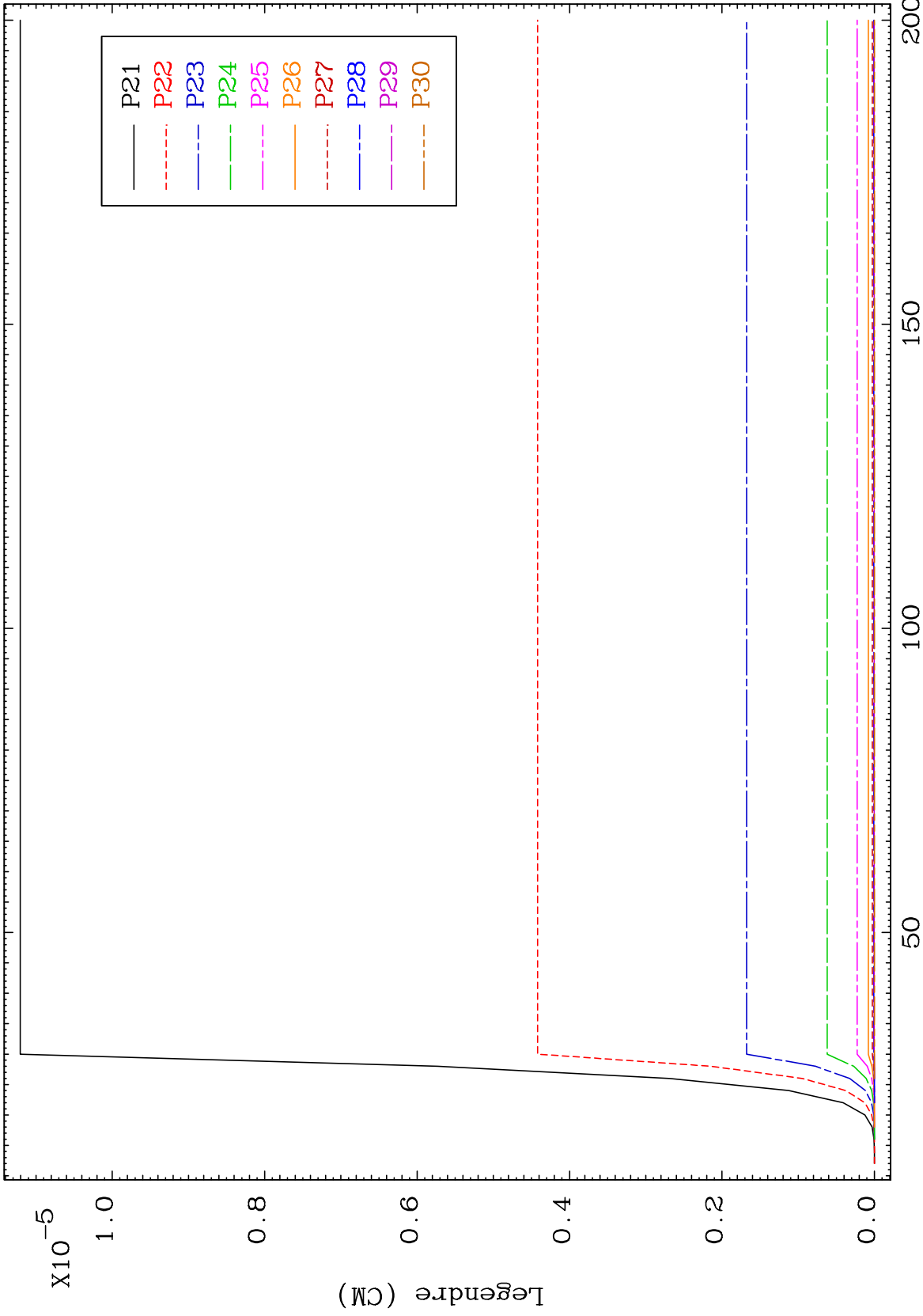
73

23-V -51

MAT 2328

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

23-V -51



74

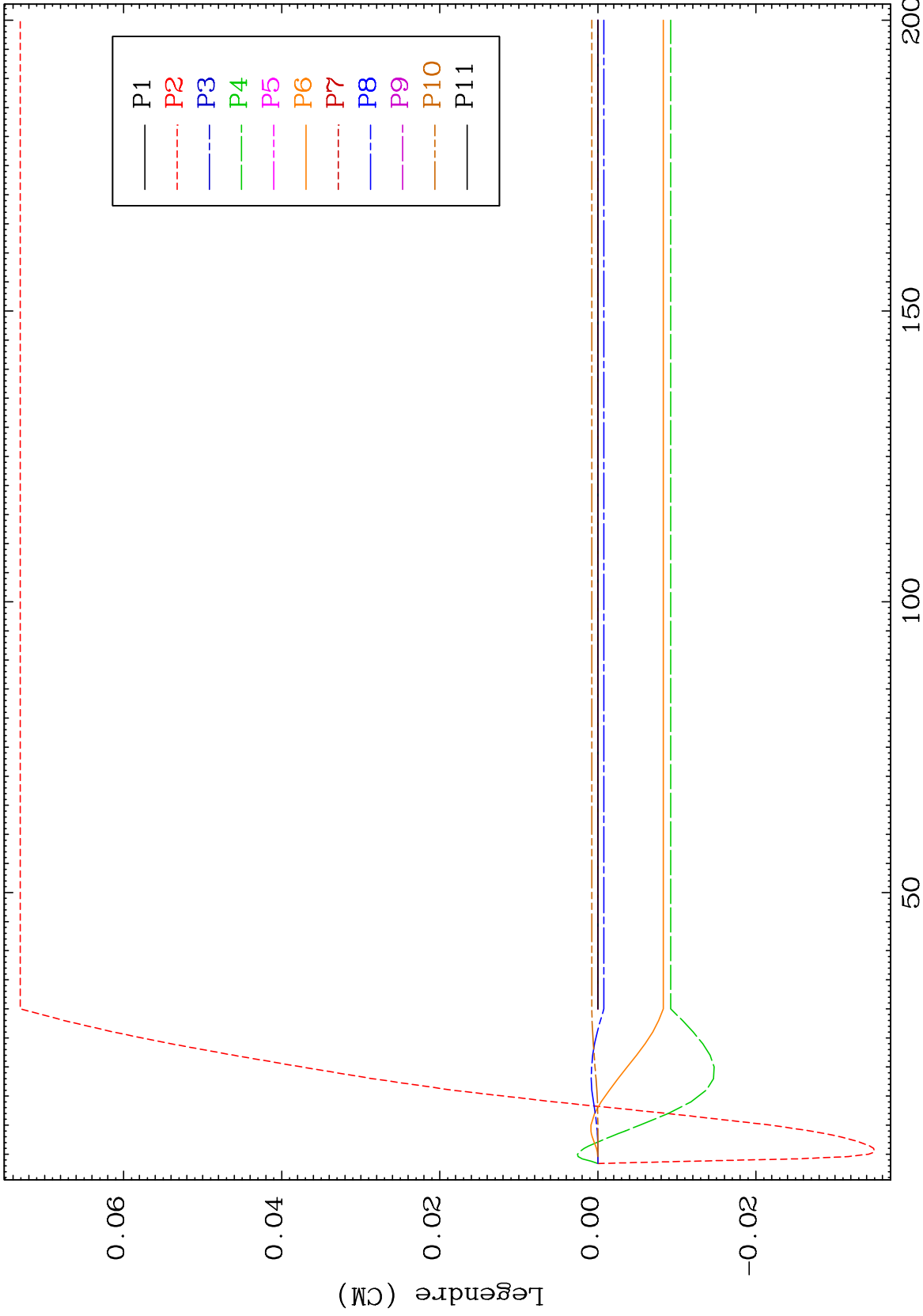
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



75

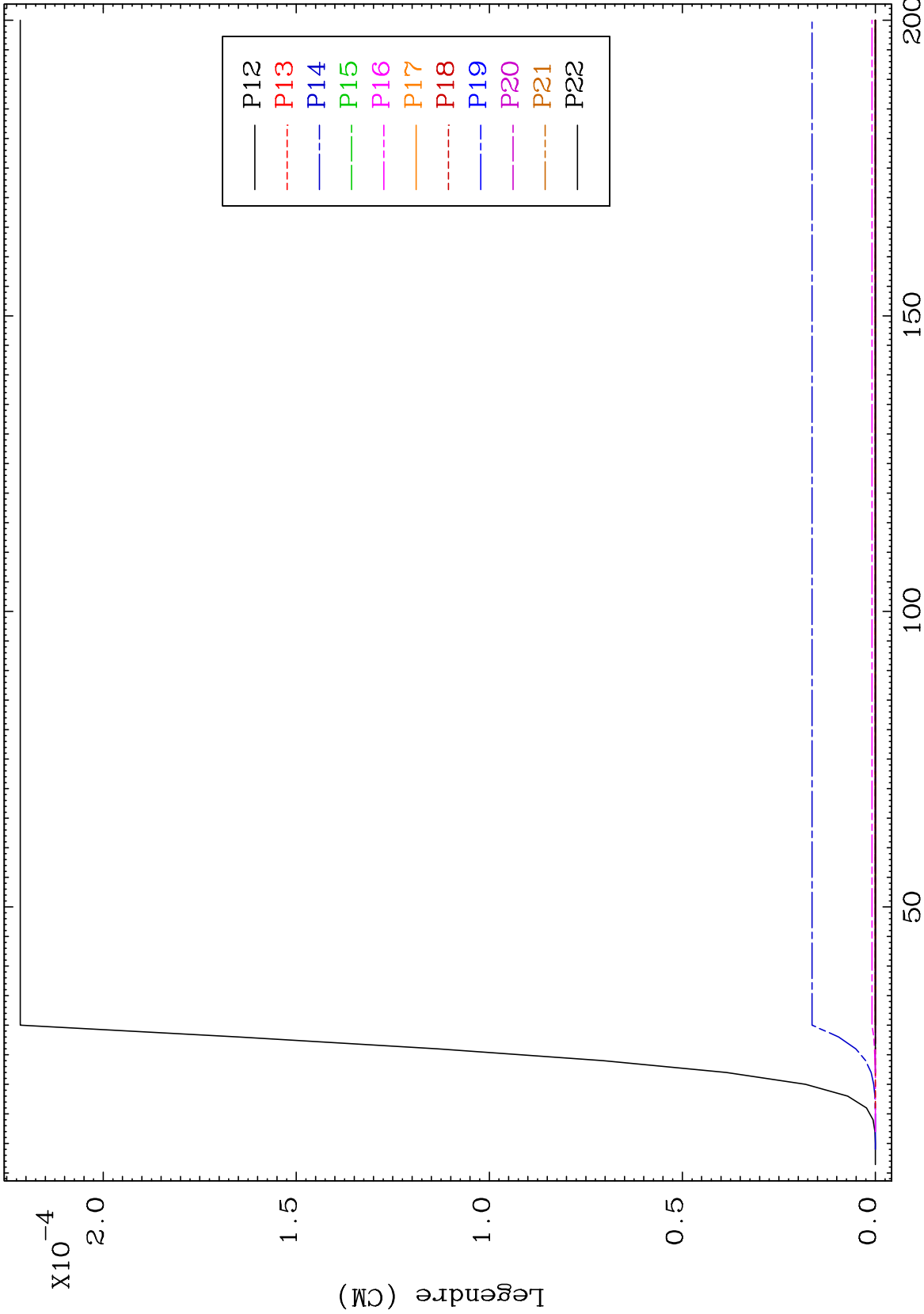
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



76

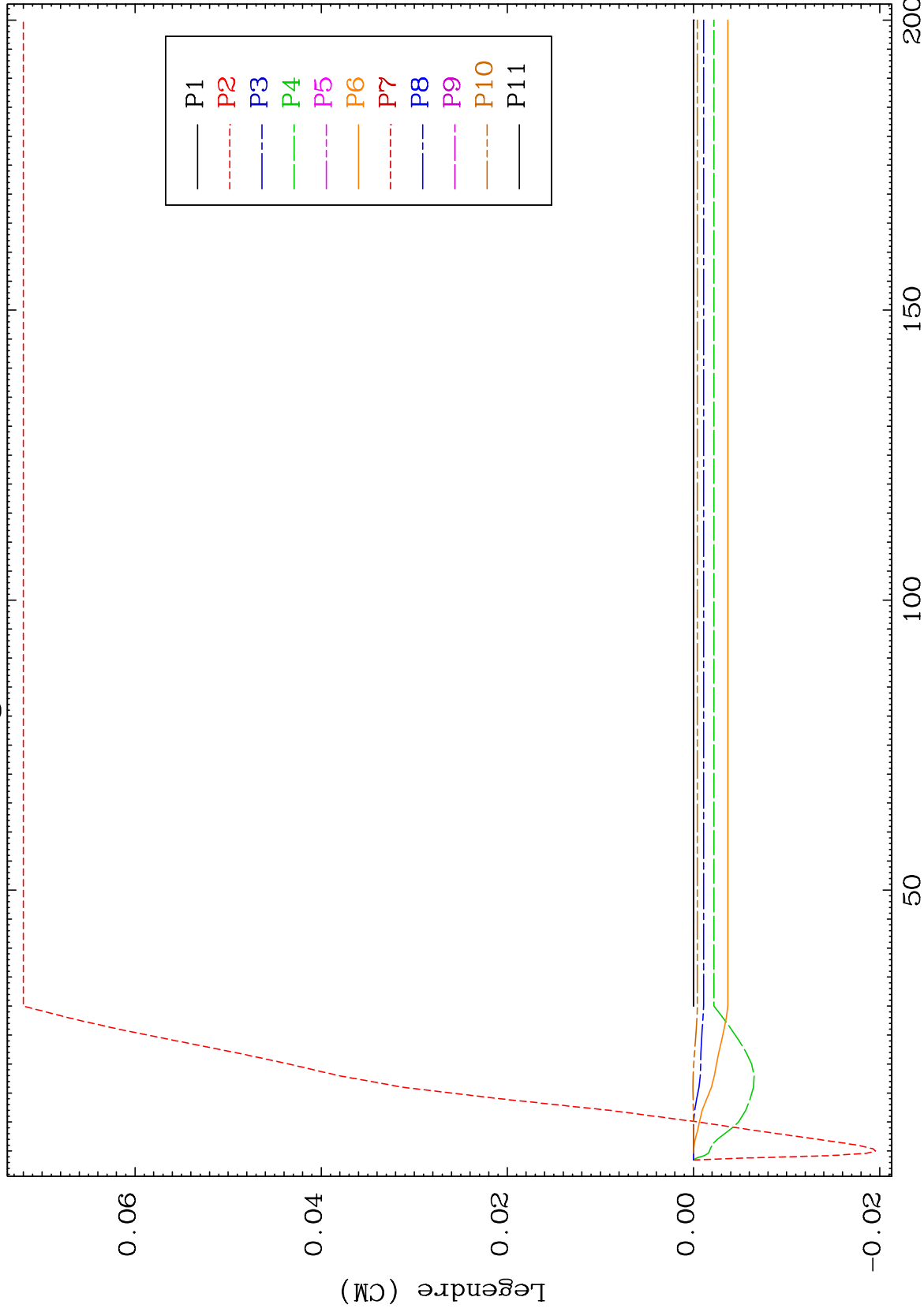
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



77

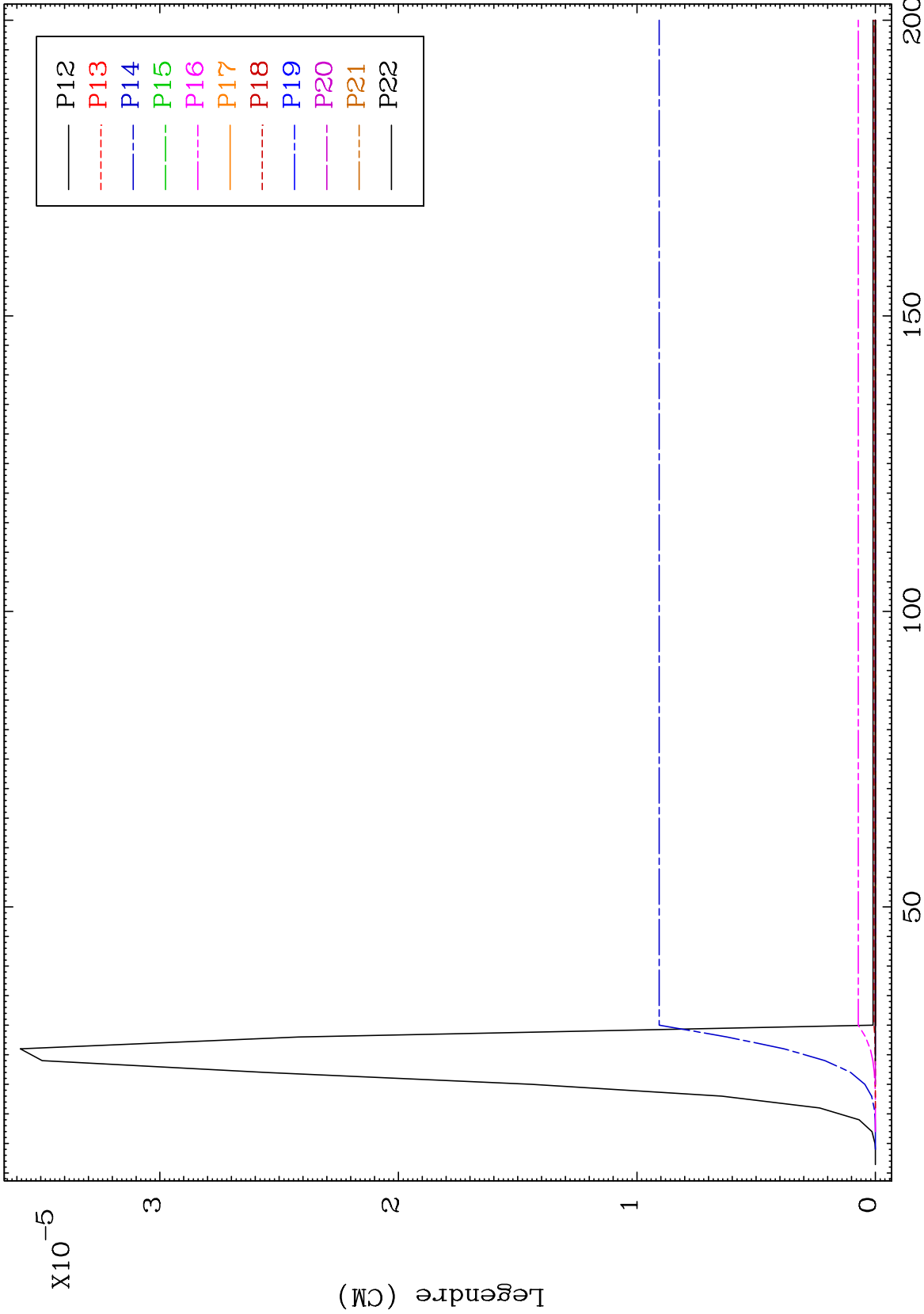
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



78

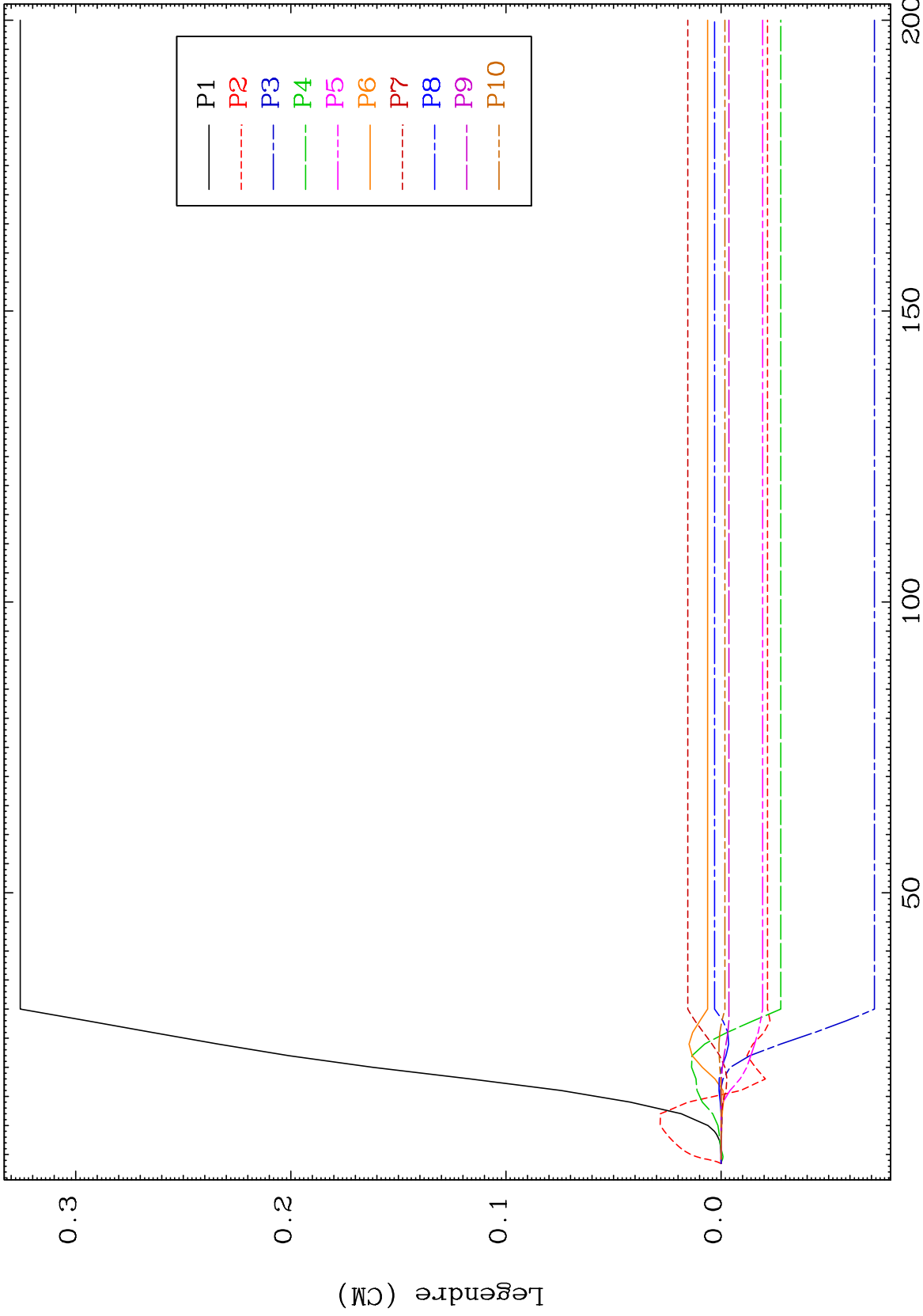
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



79

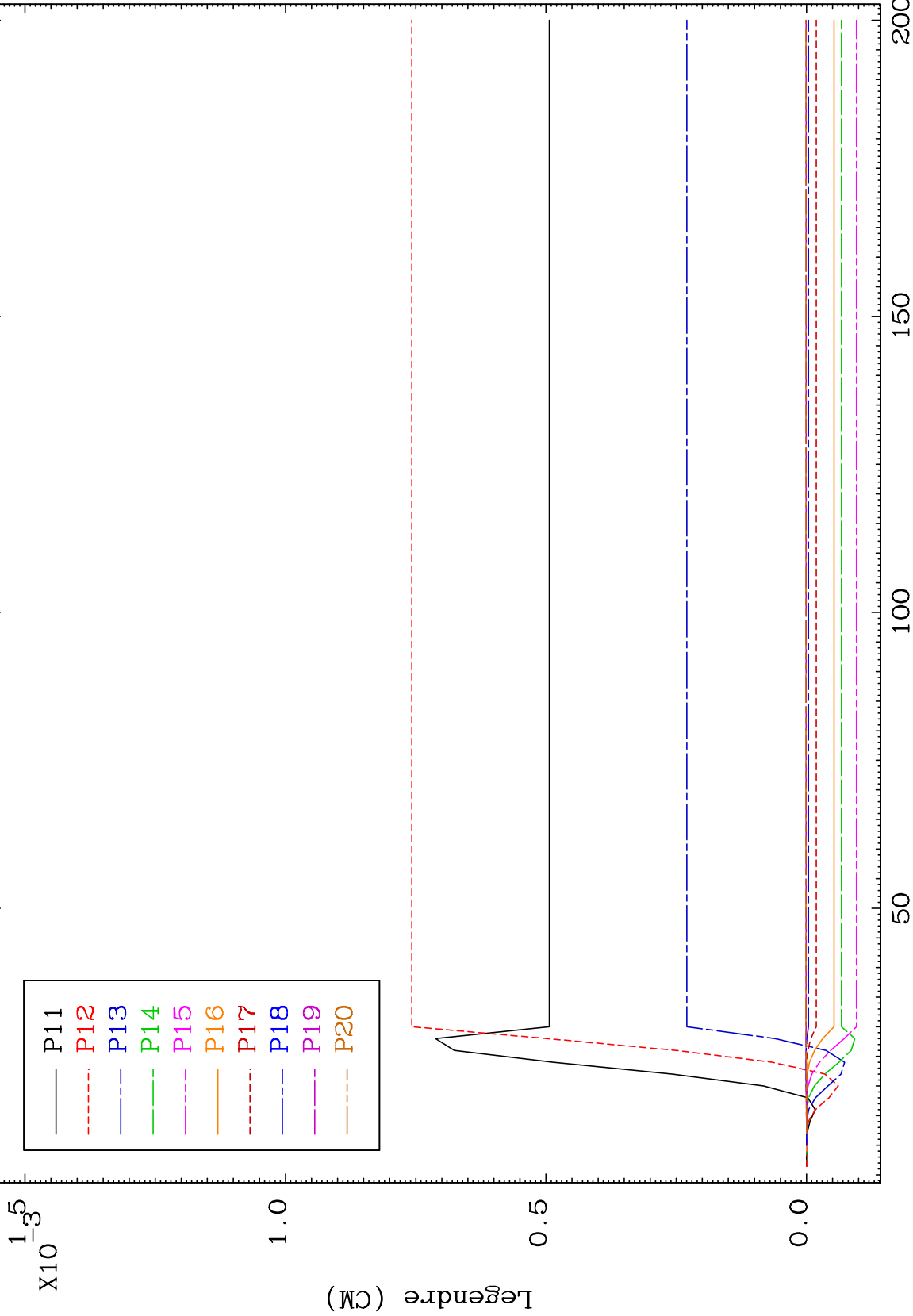
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



80

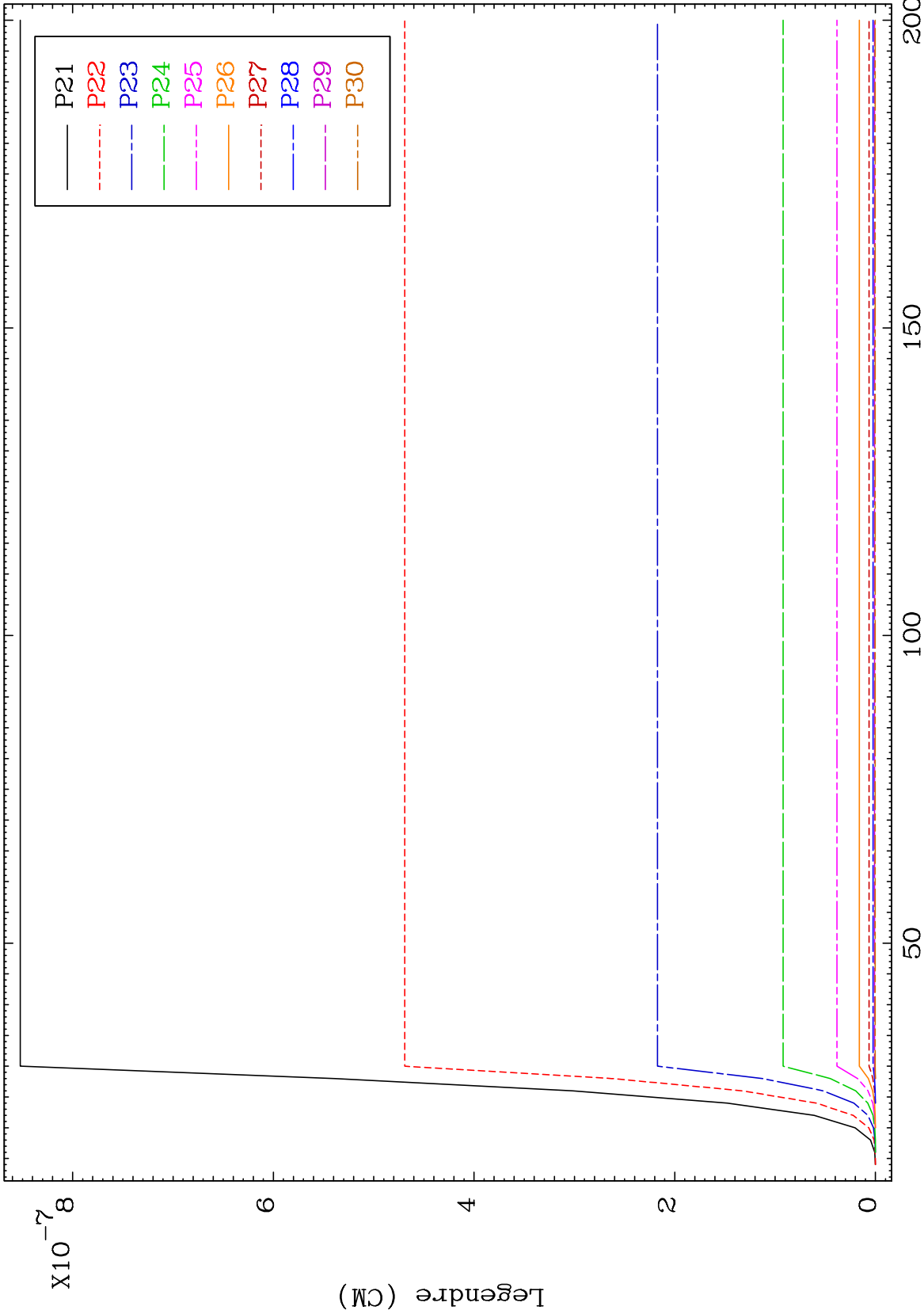
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



81

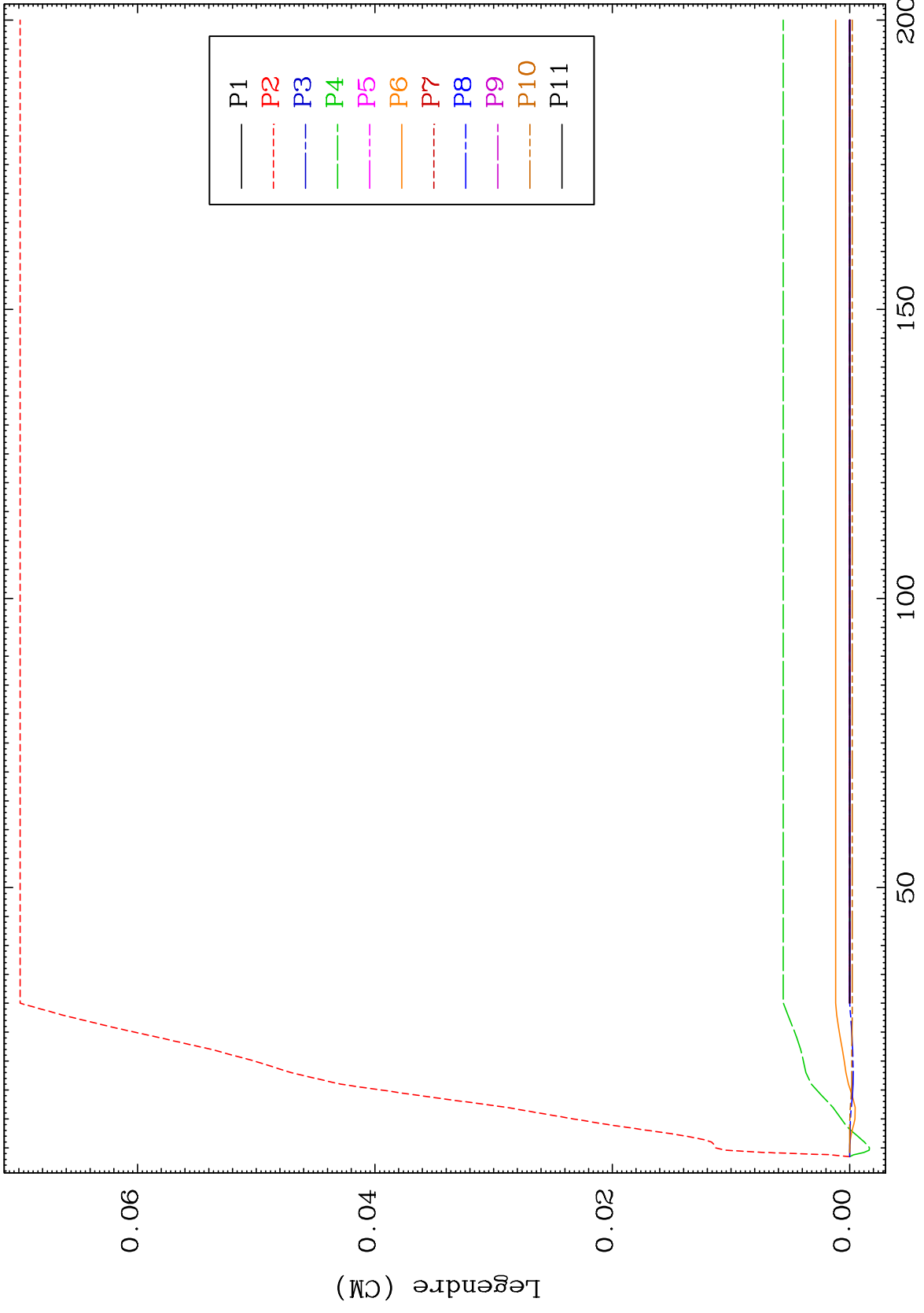
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



82

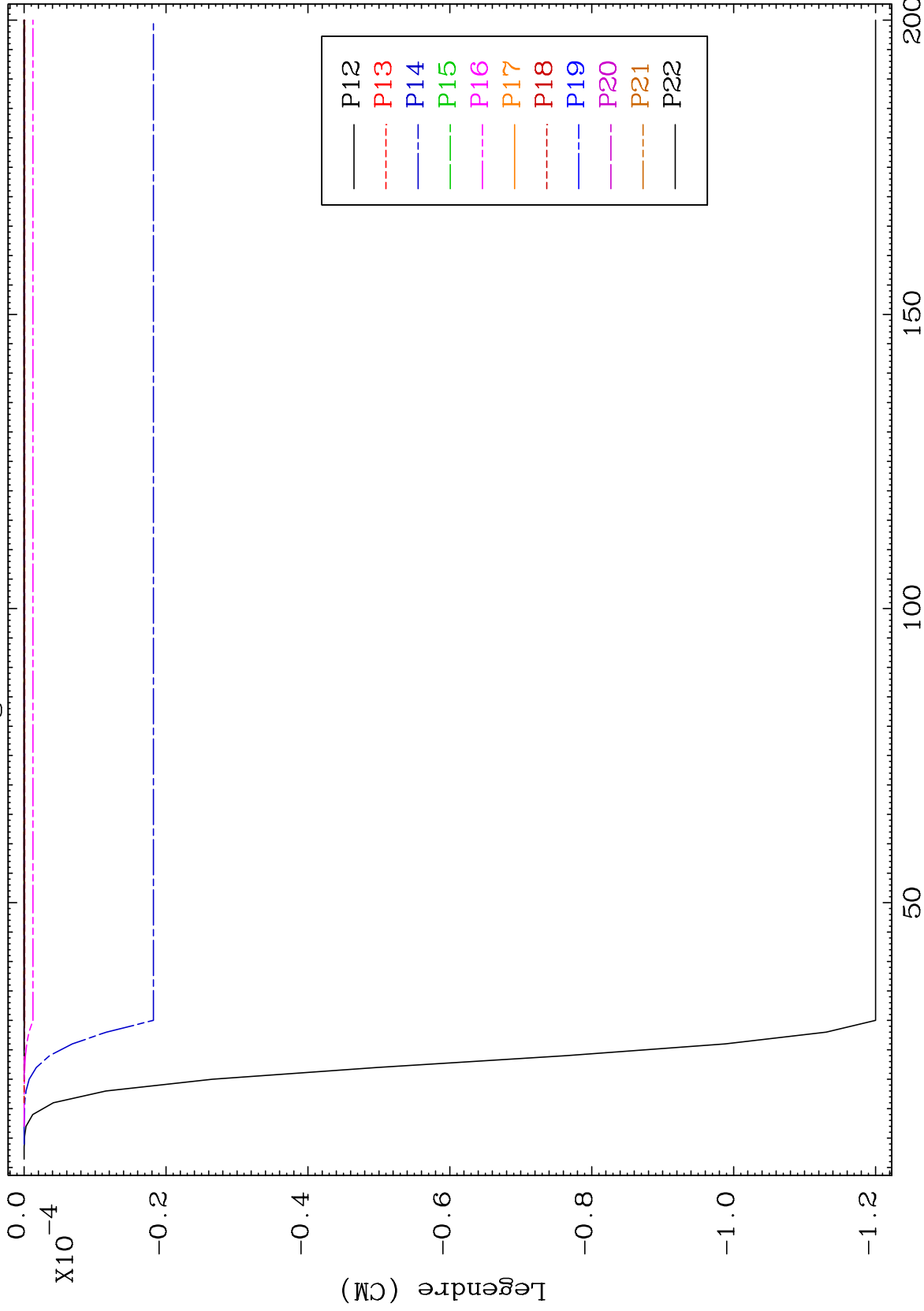
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



83

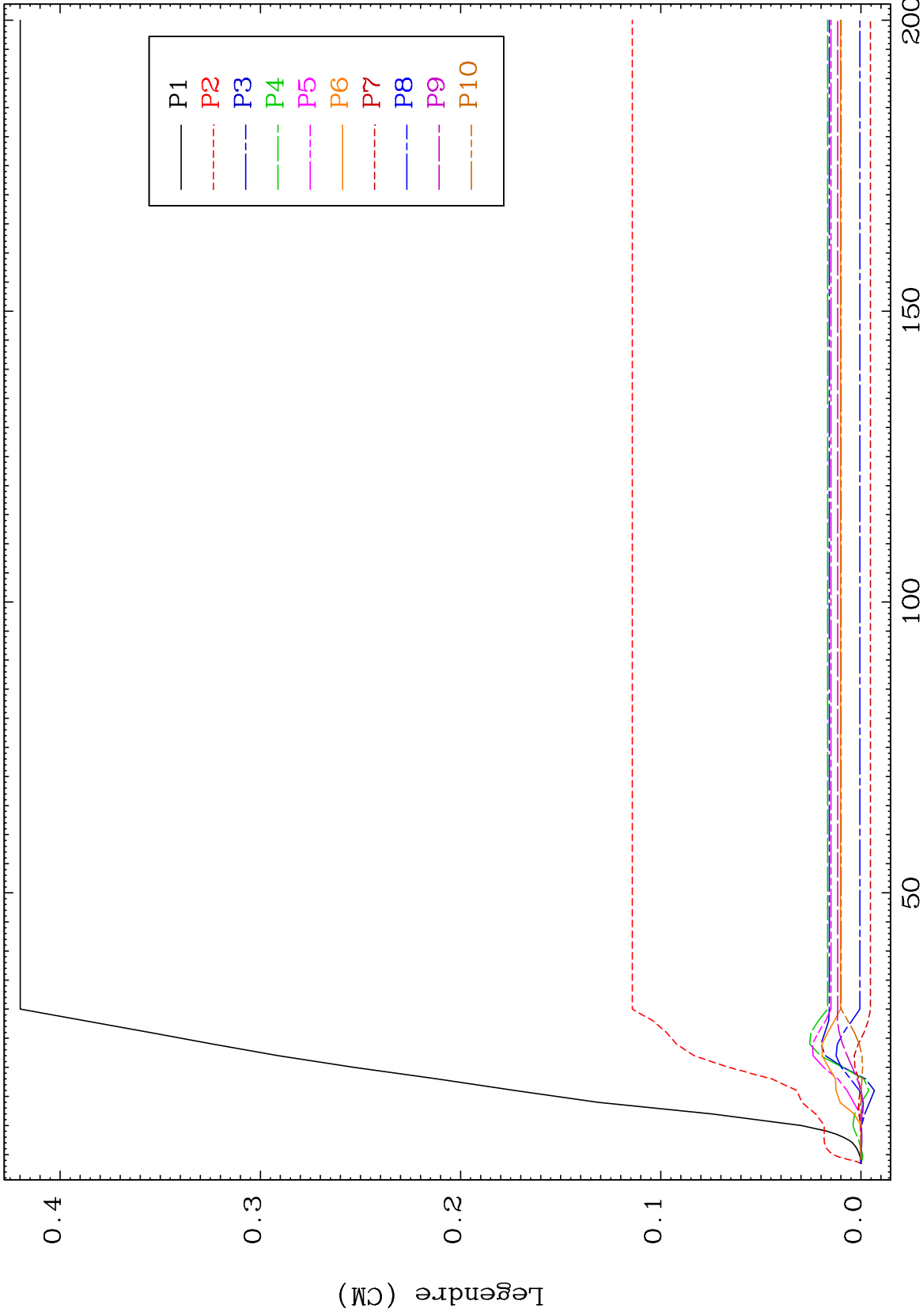
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



84

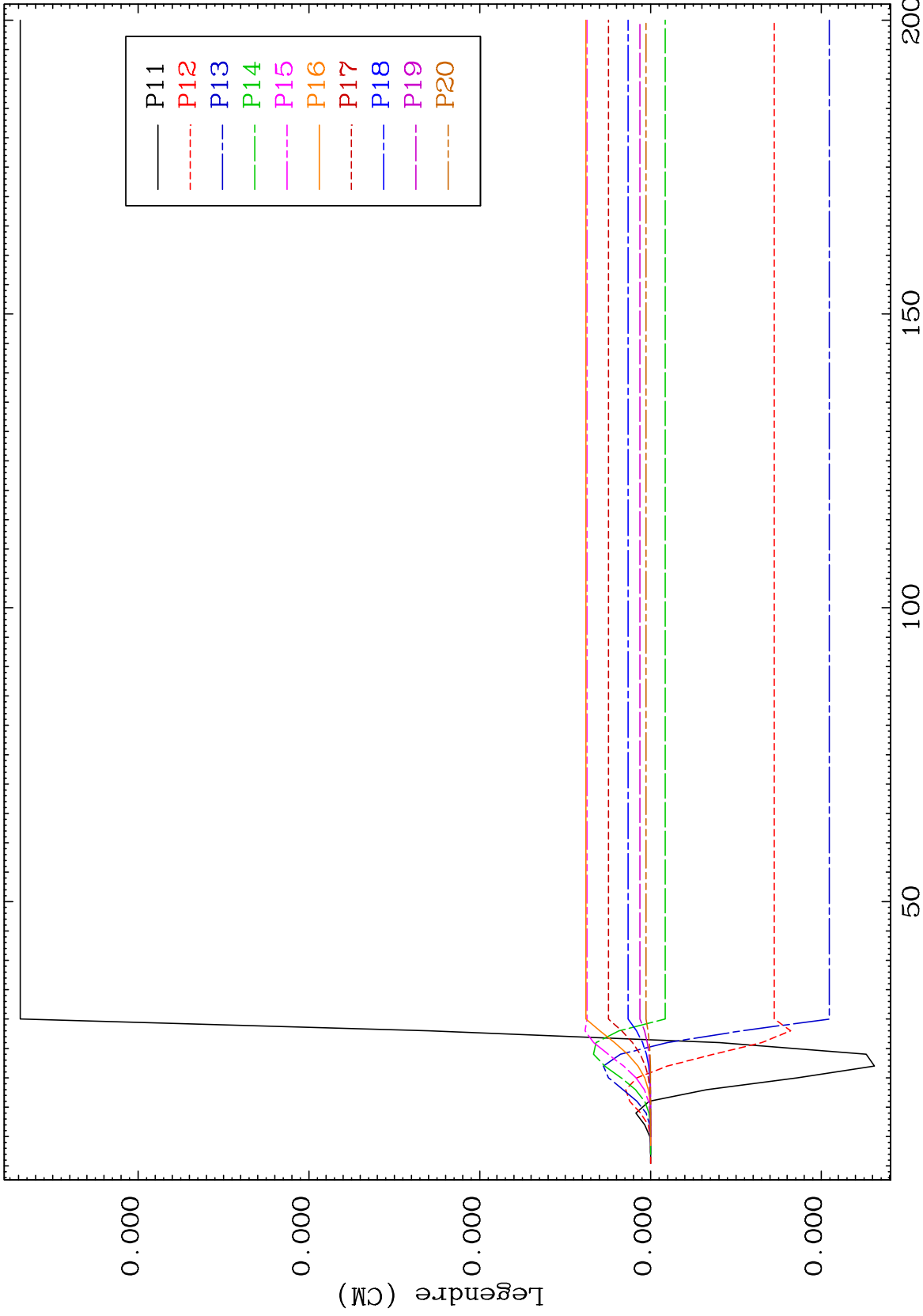
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



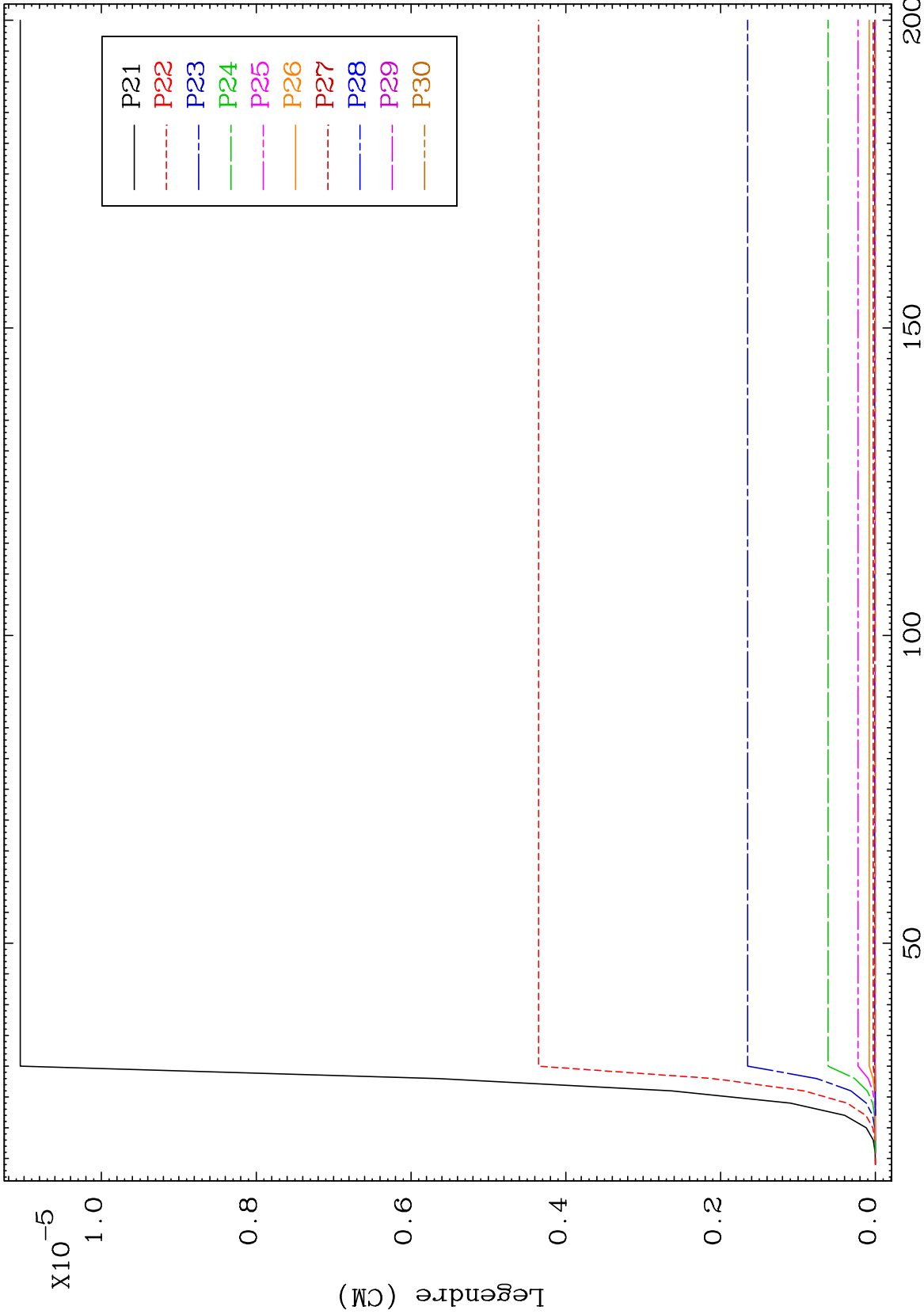
85

23-V -51

MAT 2328

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

23-V -51



86

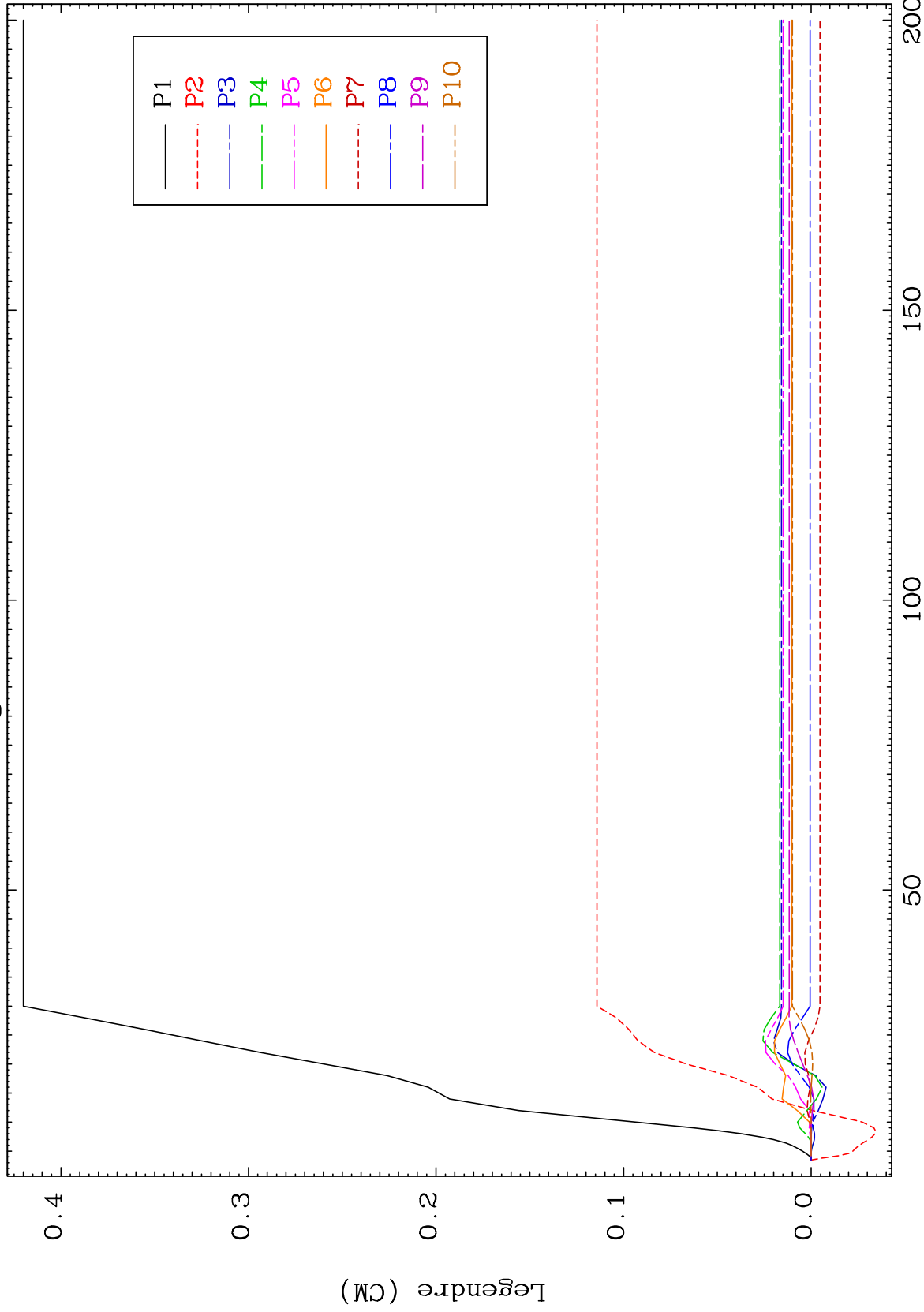
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



87

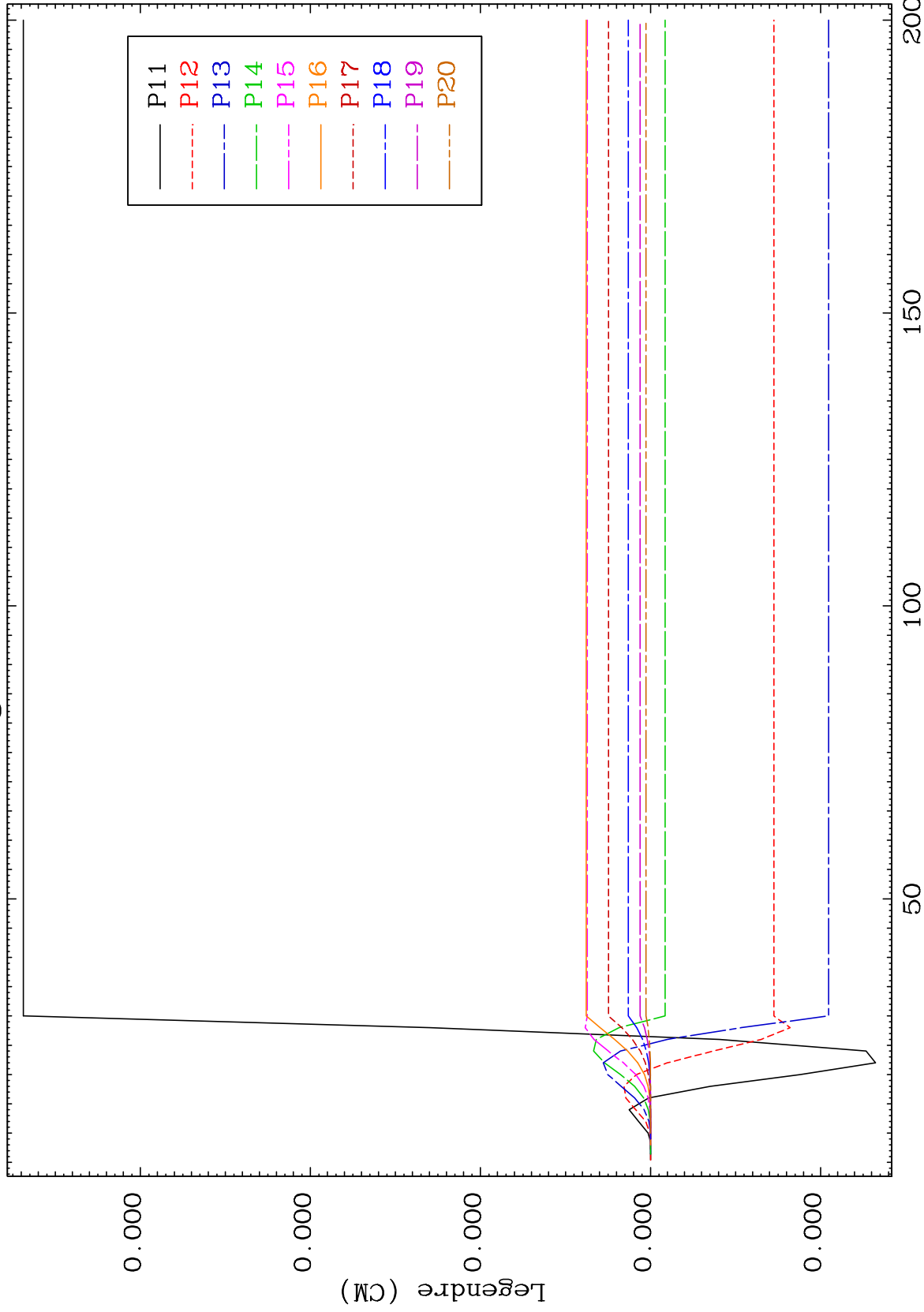
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



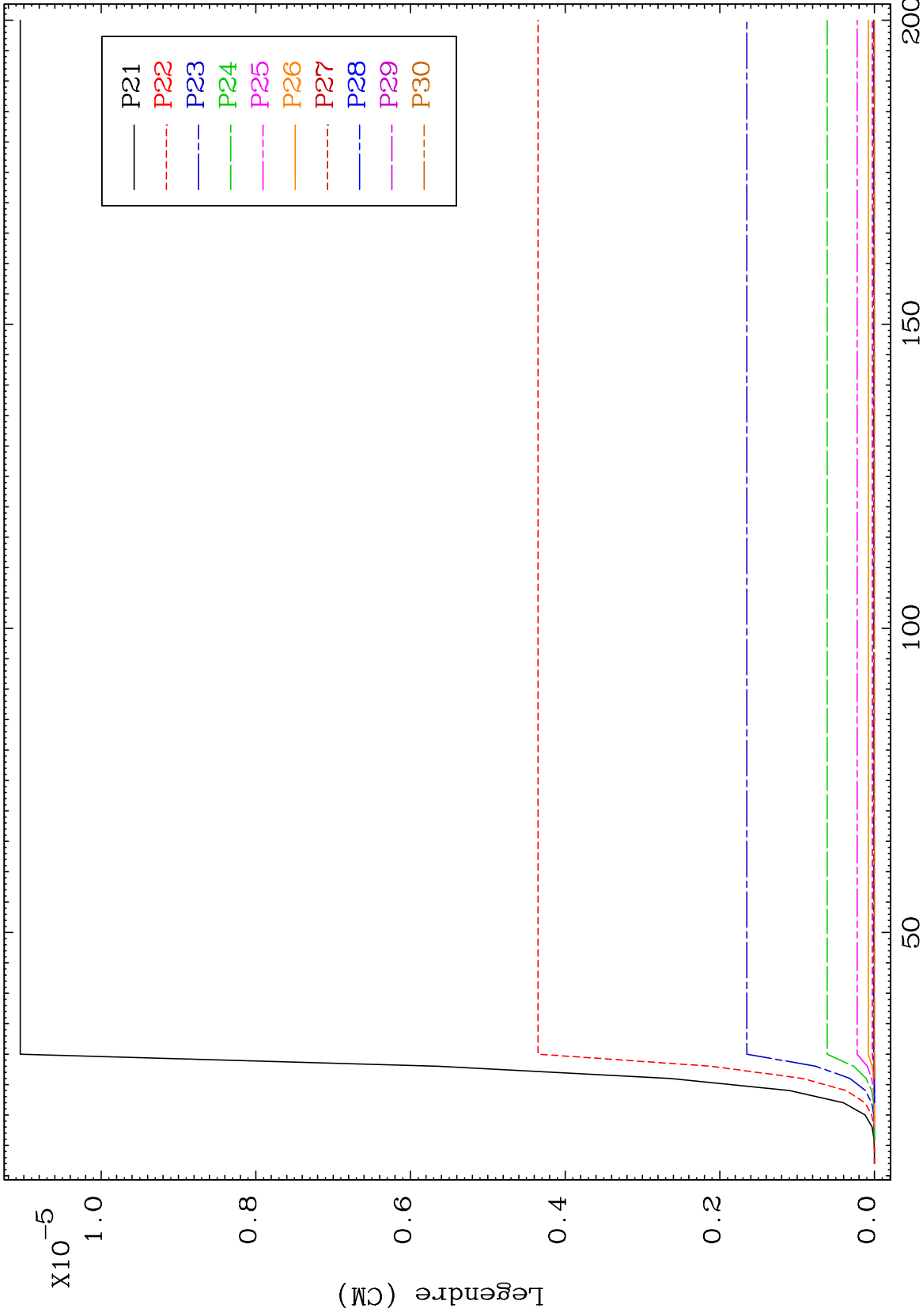
88

23-V -51

MAT 2328

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

23-V -51



89

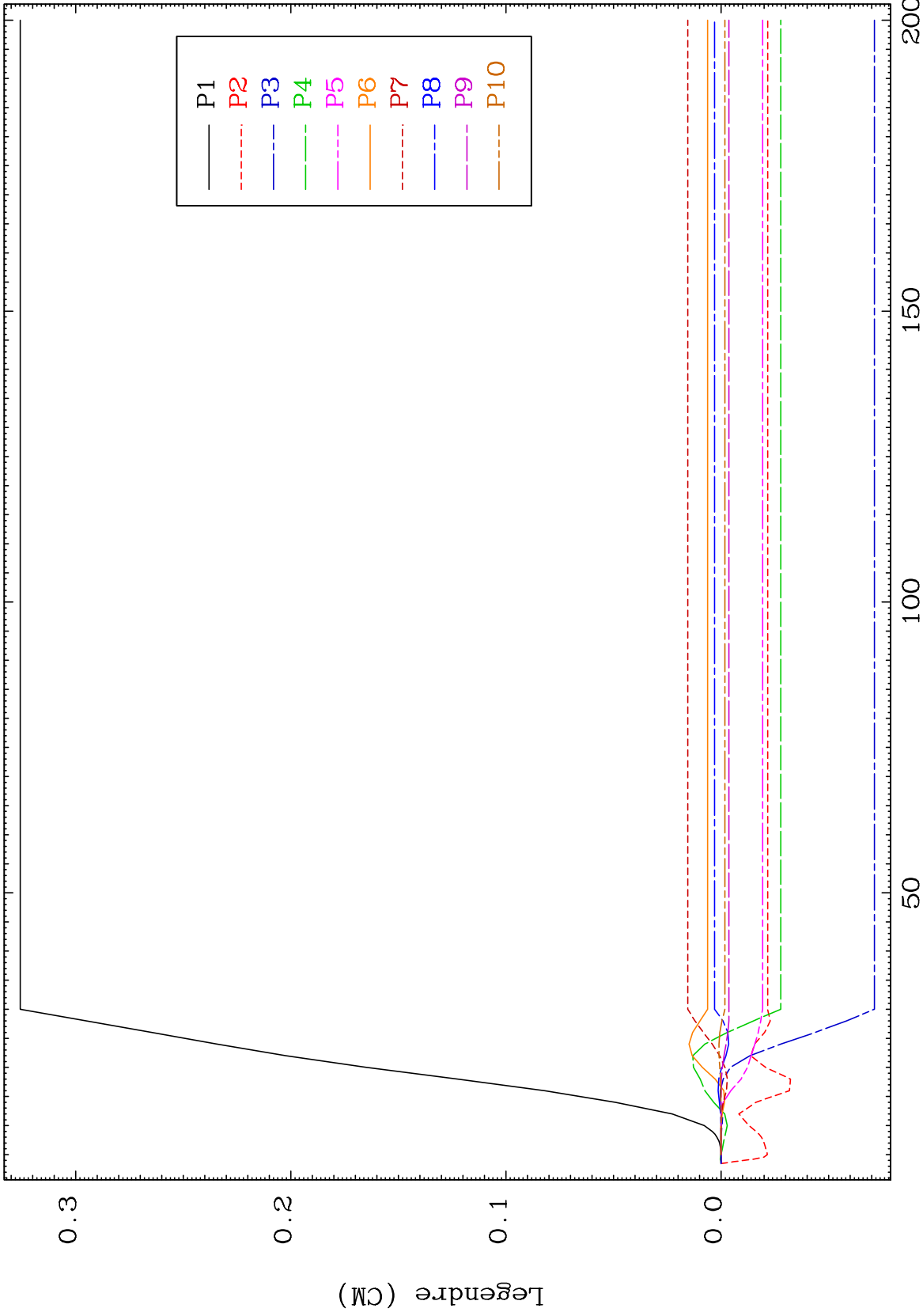
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



90

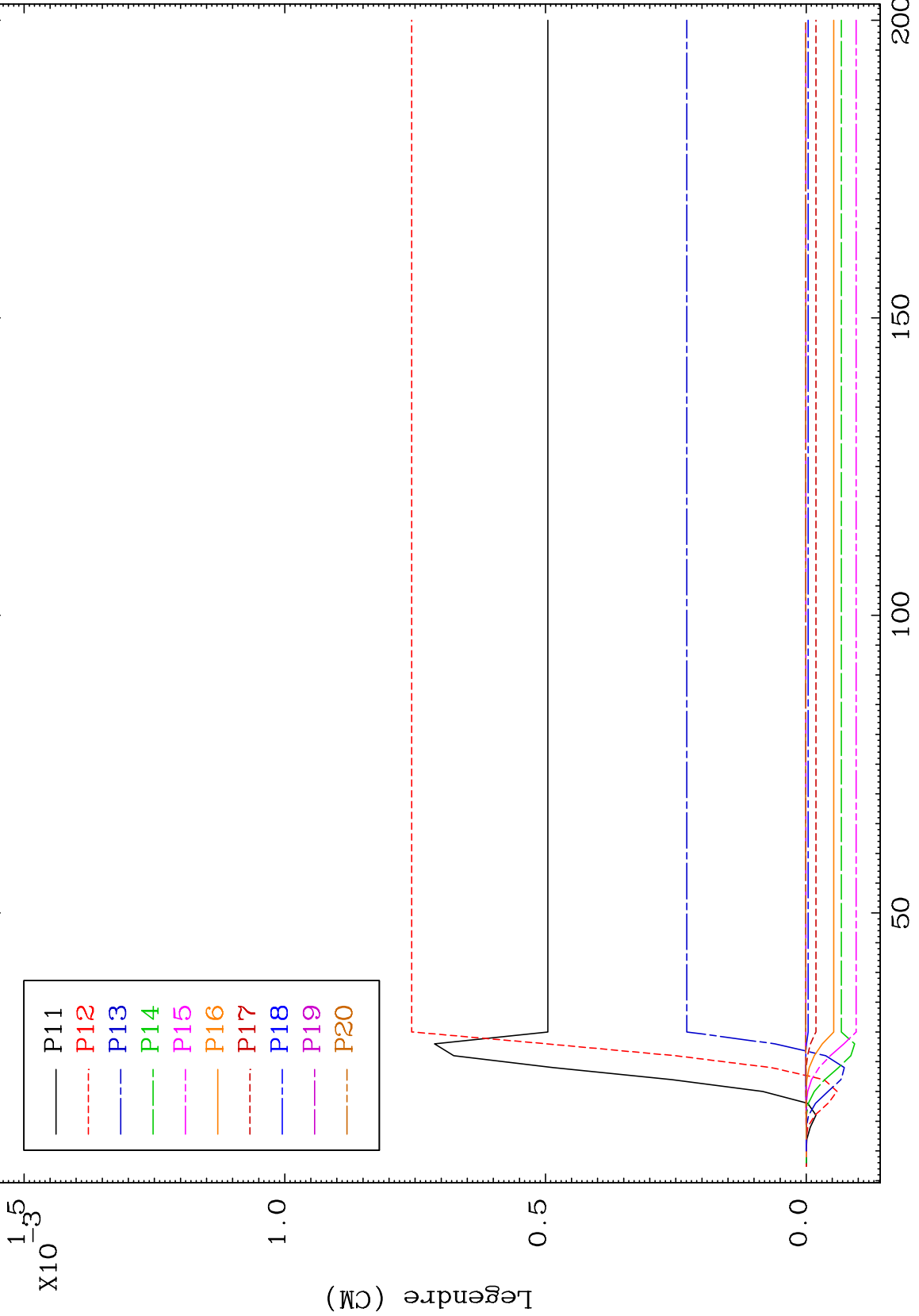
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



91

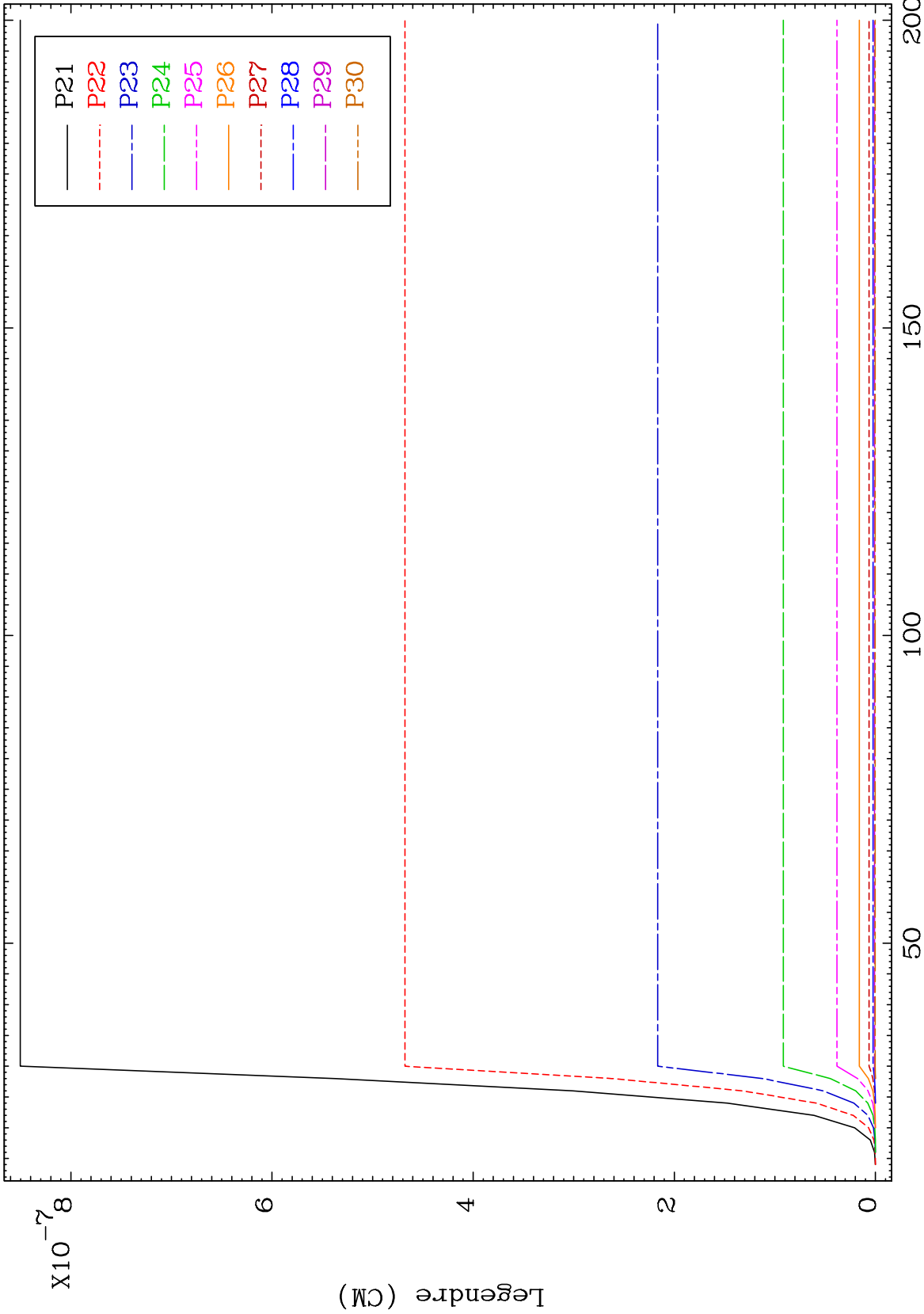
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



92

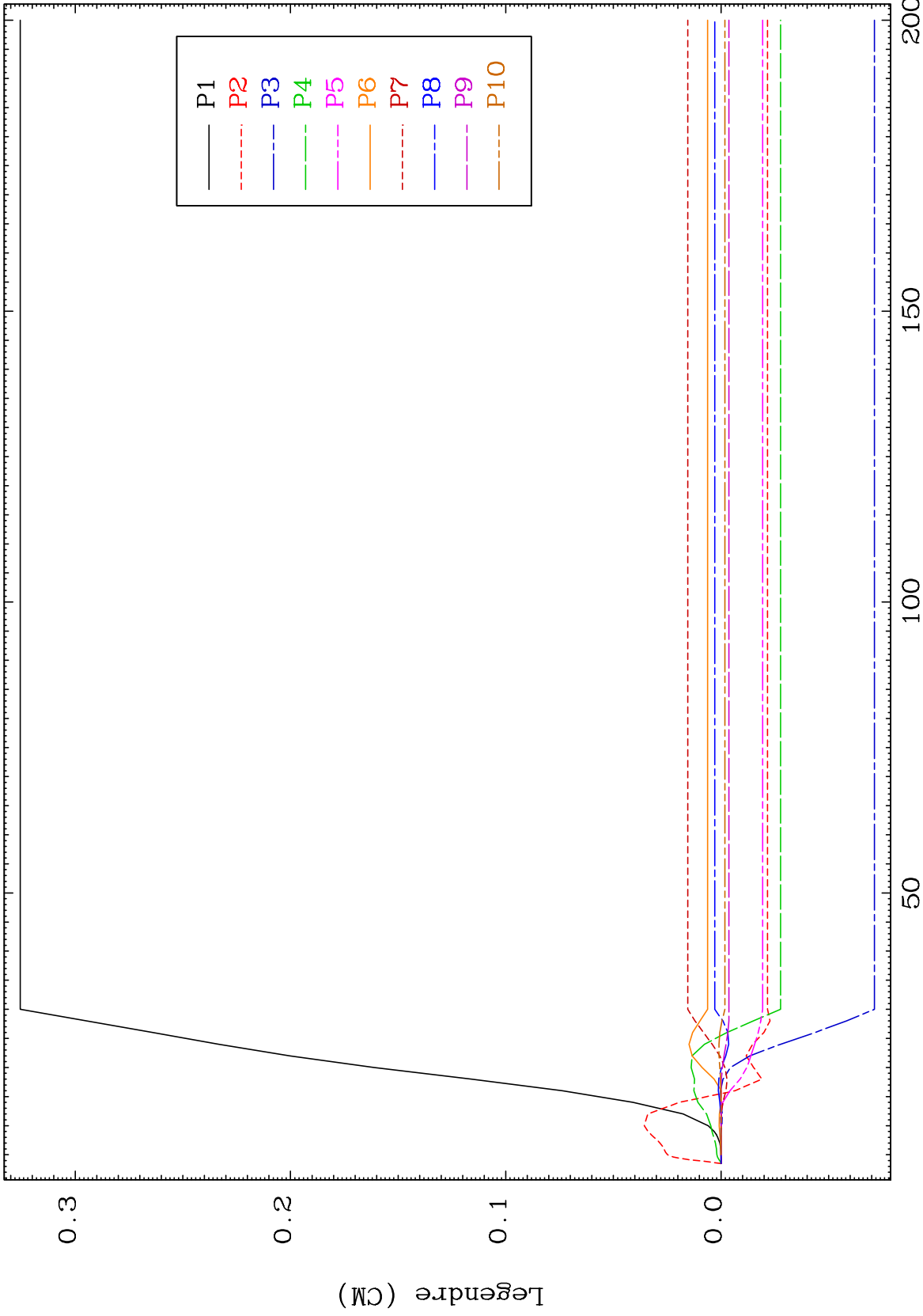
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



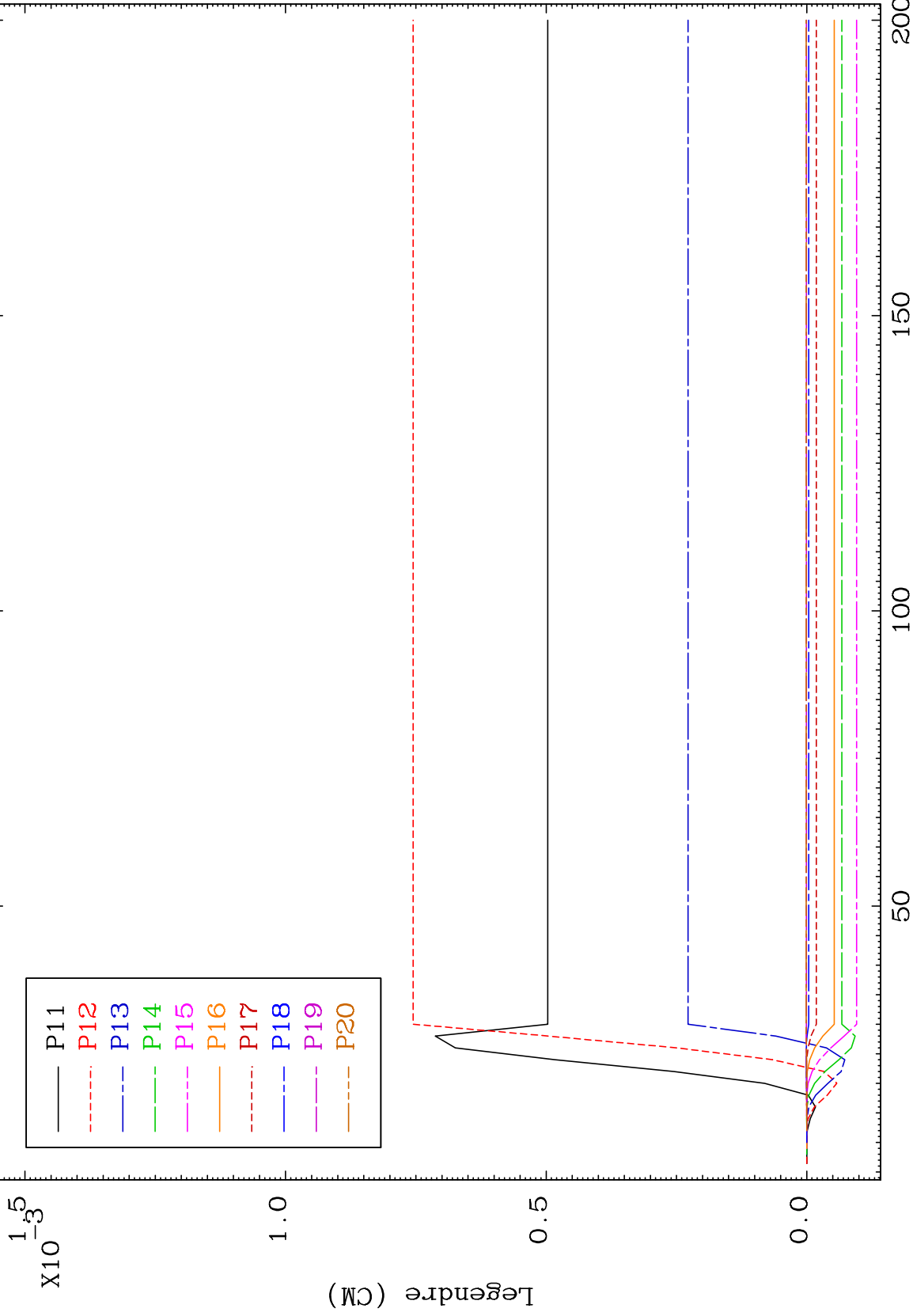
93

23-V -51

MAT 2328

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

23-V -51



94

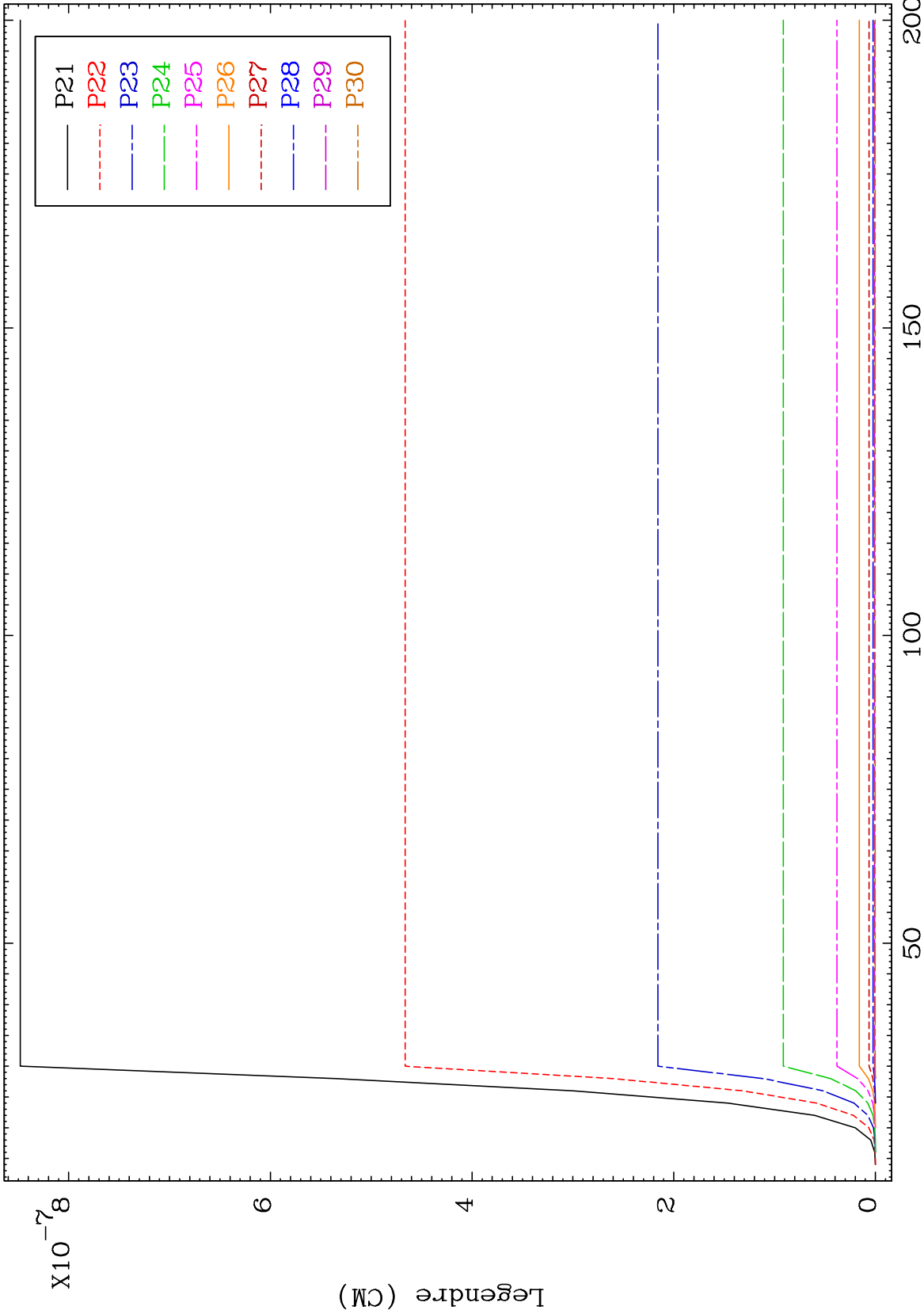
Incident Energy (MeV)

23-V -51

MAT 2328

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

23-V -51



95

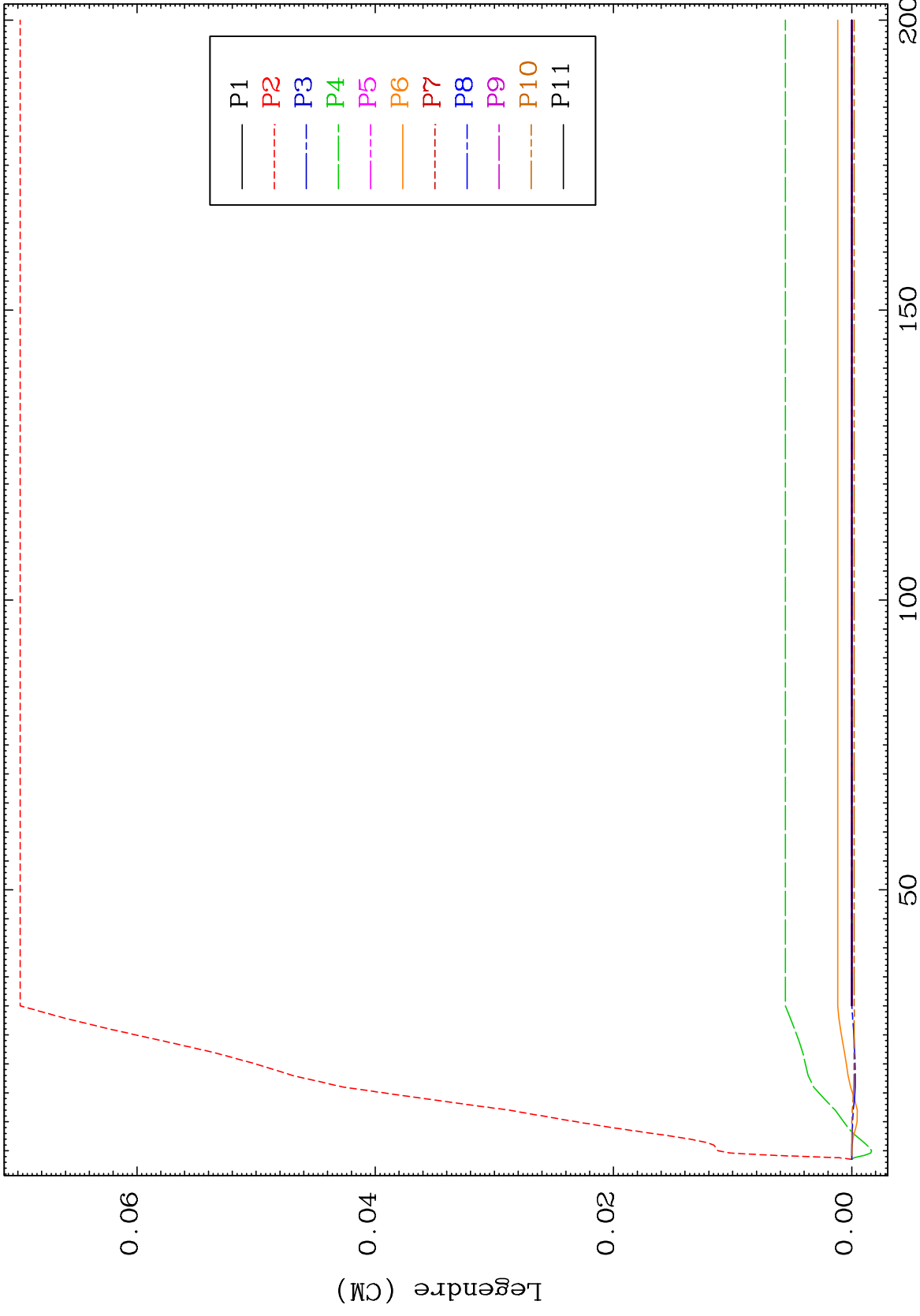
Incident Energy (MeV)

23-V -51

MAT 2328

MT= 80 (n,n') Level
Legendre Coefficients

23-V -51



96

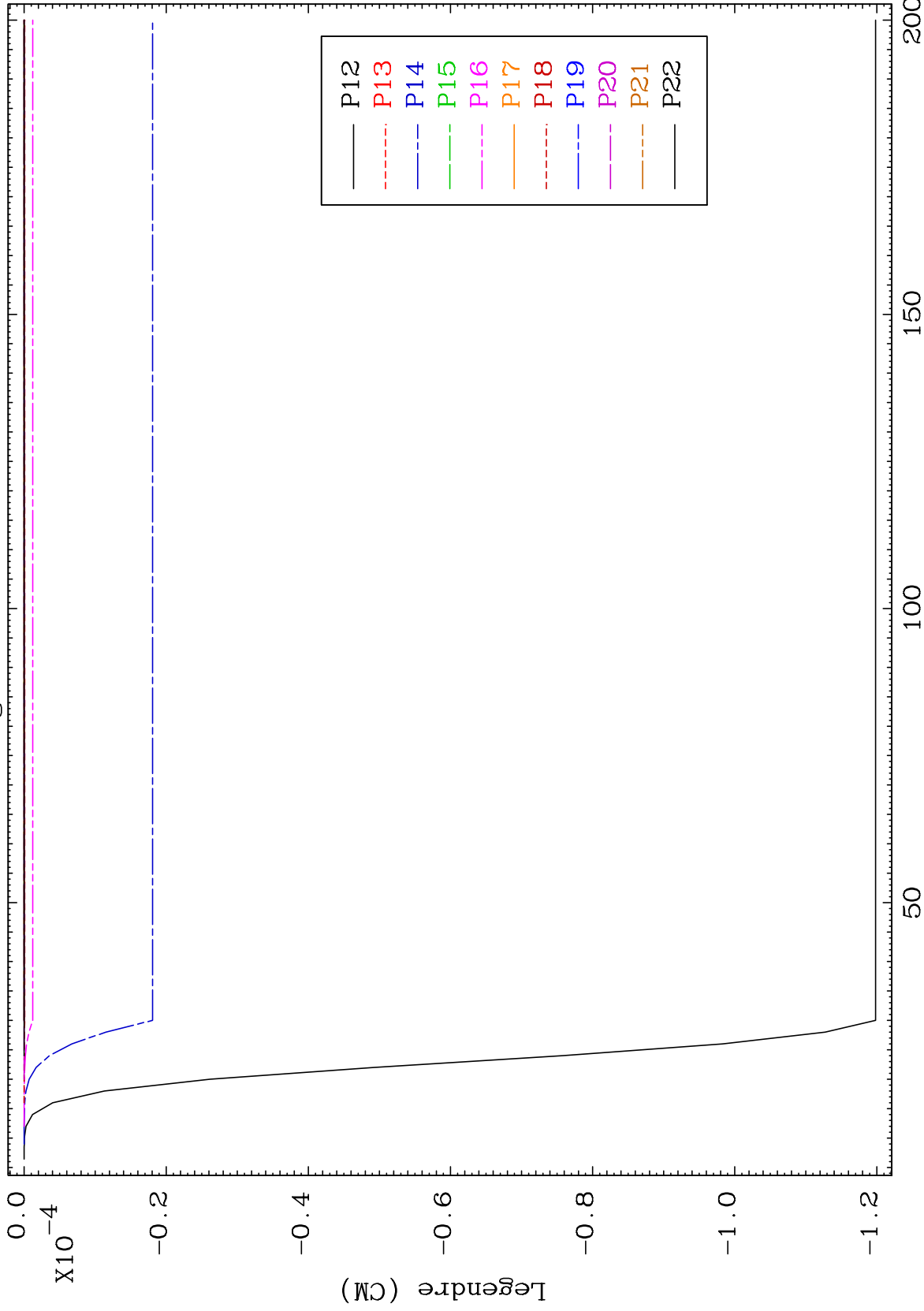
Incident Energy (MeV)

23-V -51

MAT 2328

MT= 80 (n,n') Level
Legendre Coefficients

23-V -51



97

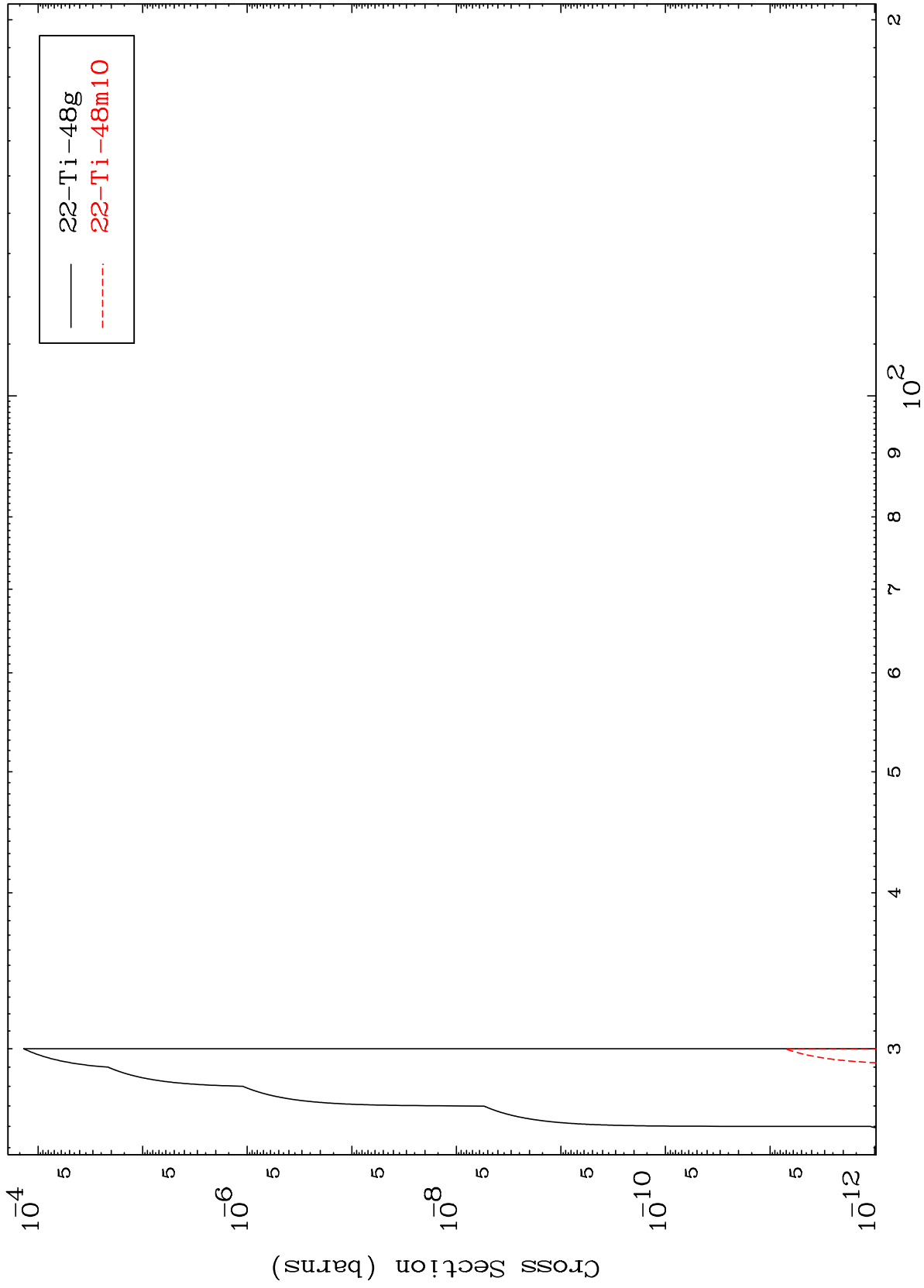
23-V -51

MAT 2328

(n,2n) d

23-V -51

Radionuclide Production Cross Section



98

Incident Energy (MeV)

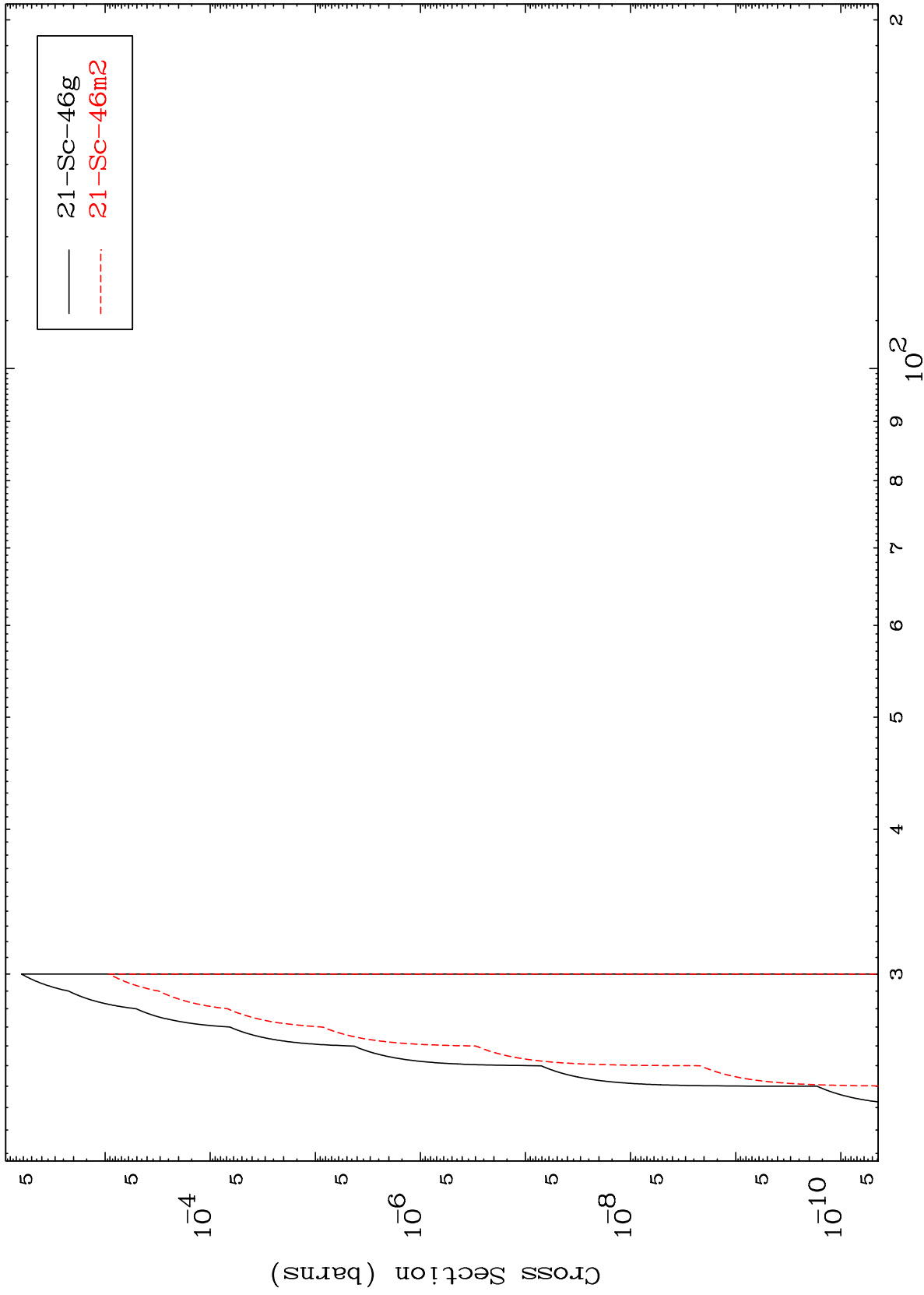
23-V -51

MAT 2328

(n,2n) α

23-V -51

Radionuclide Production Cross Section



99

Incident Energy (MeV)

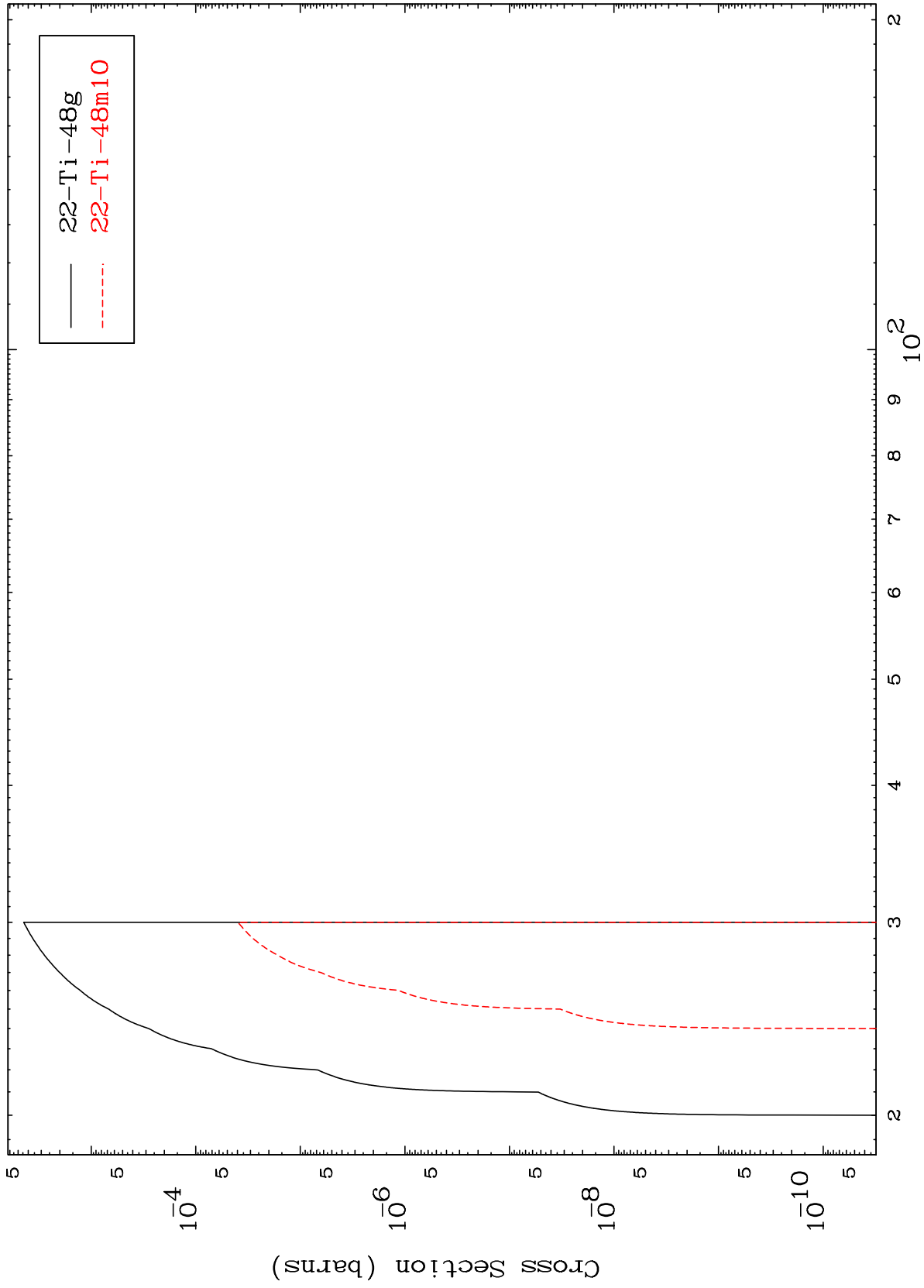
23-V -51

MAT 2328

(n,n') t

23-V -51

Radionuclide Production Cross Section



100

Incident Energy (MeV)

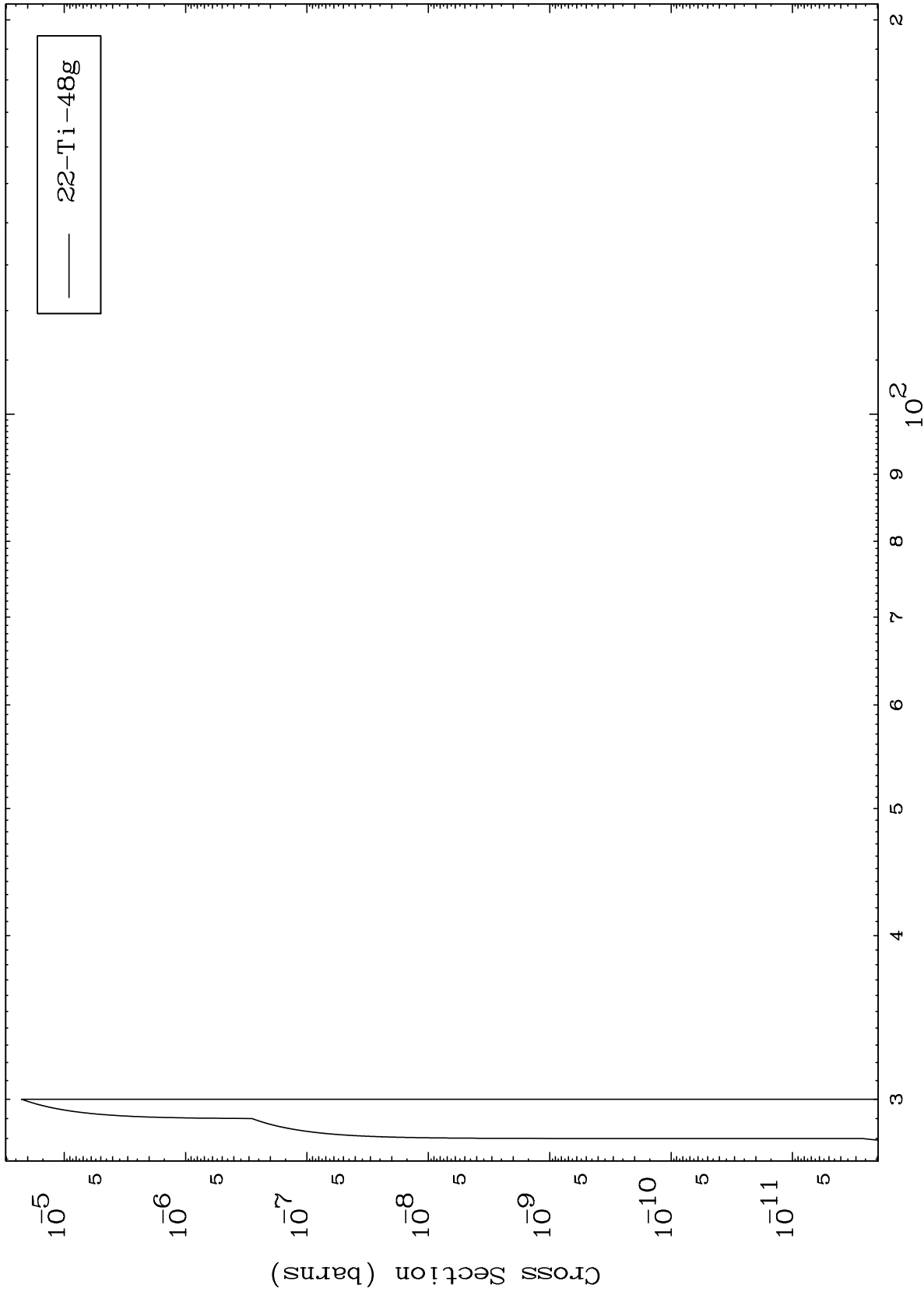
23-V -51

MAT 2328

(n,3n) p

23-V -51

Radionuclide Production Cross Section



101

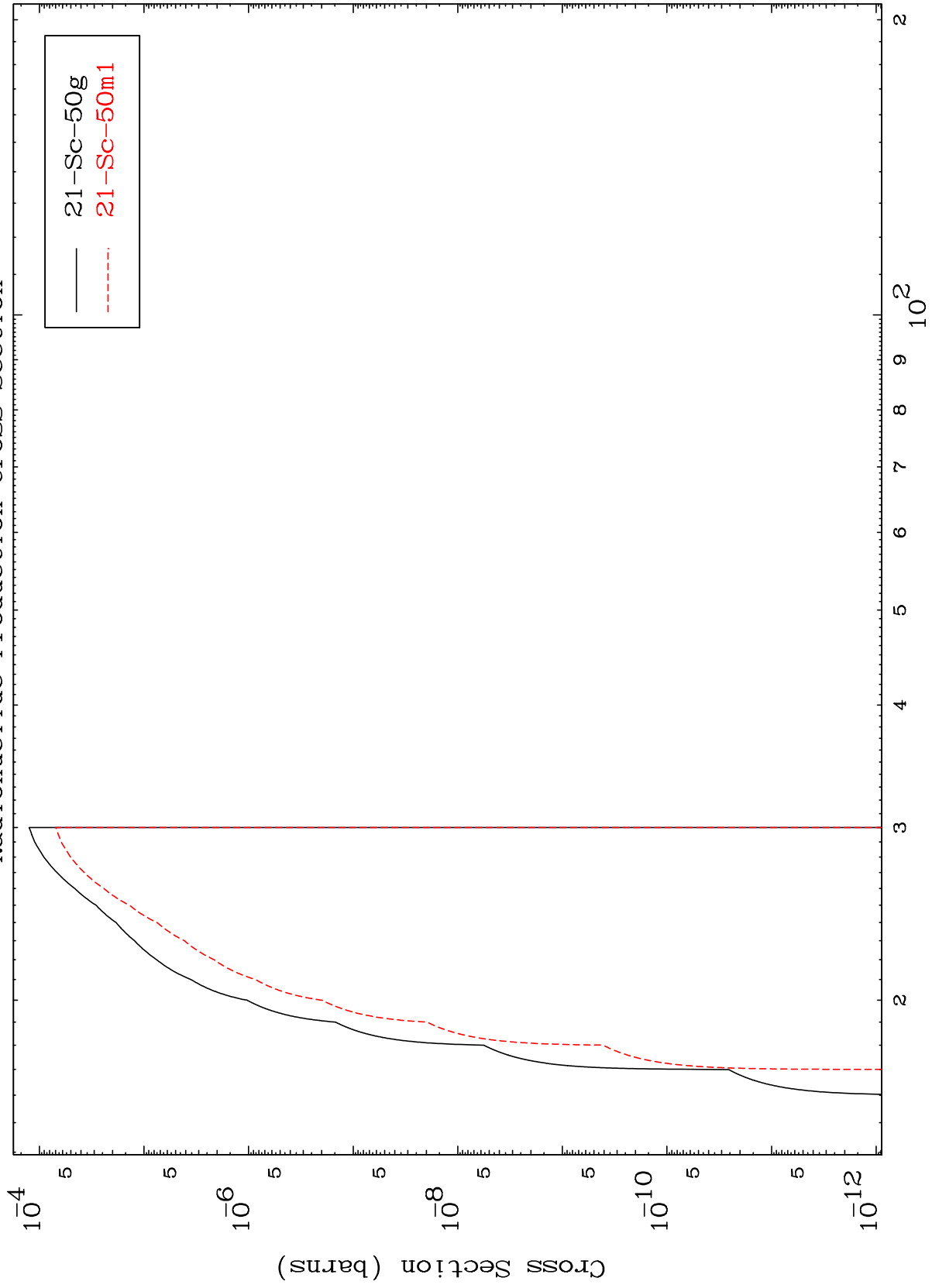
Incident Energy (MeV)

23-V -51

MAT 2328

23-V -51

(n,2p)
Radionuclide Production Cross Section



102

Incident Energy (MeV)

23-V -51