

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

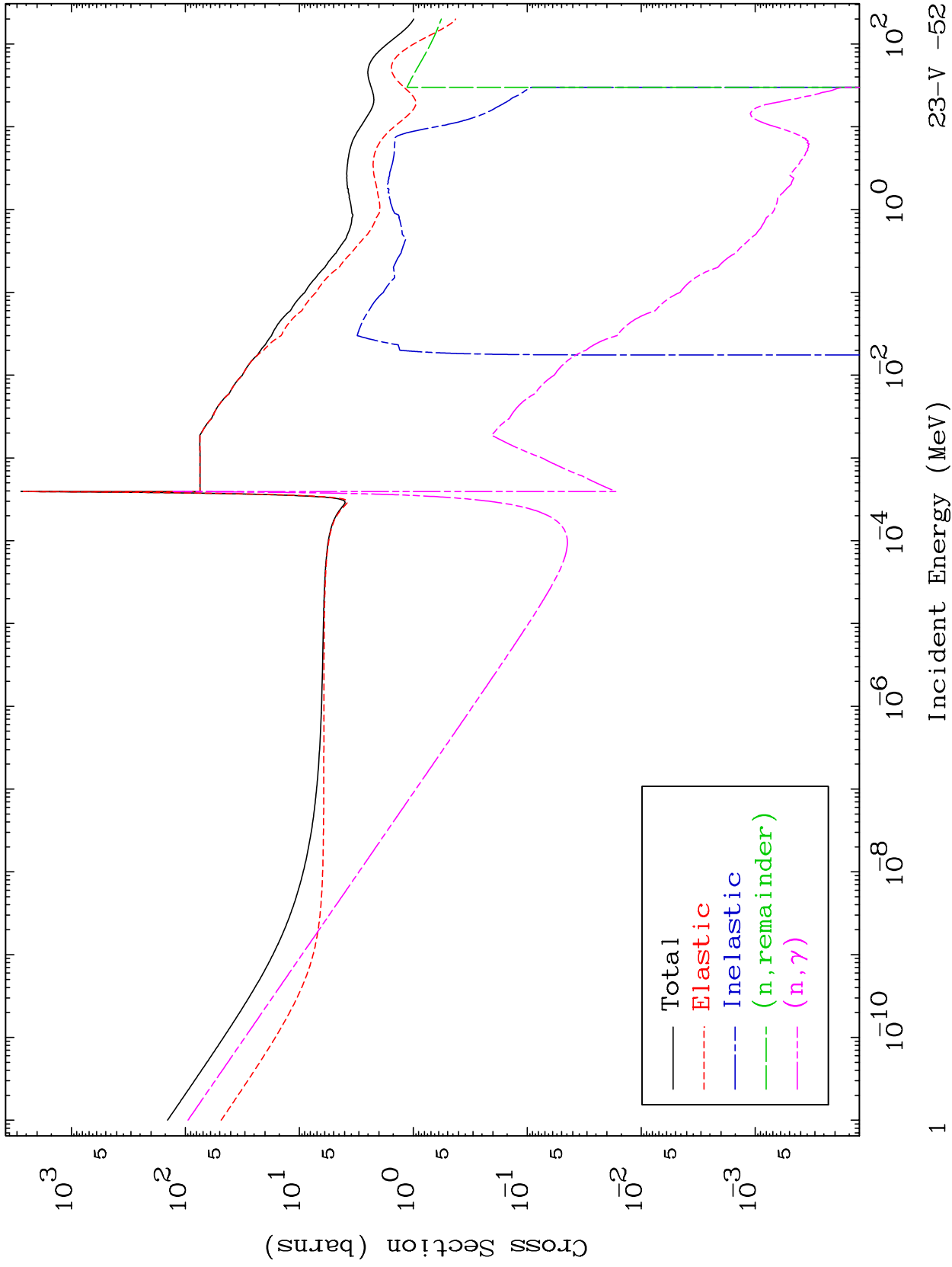
Press Mouse Button to Start

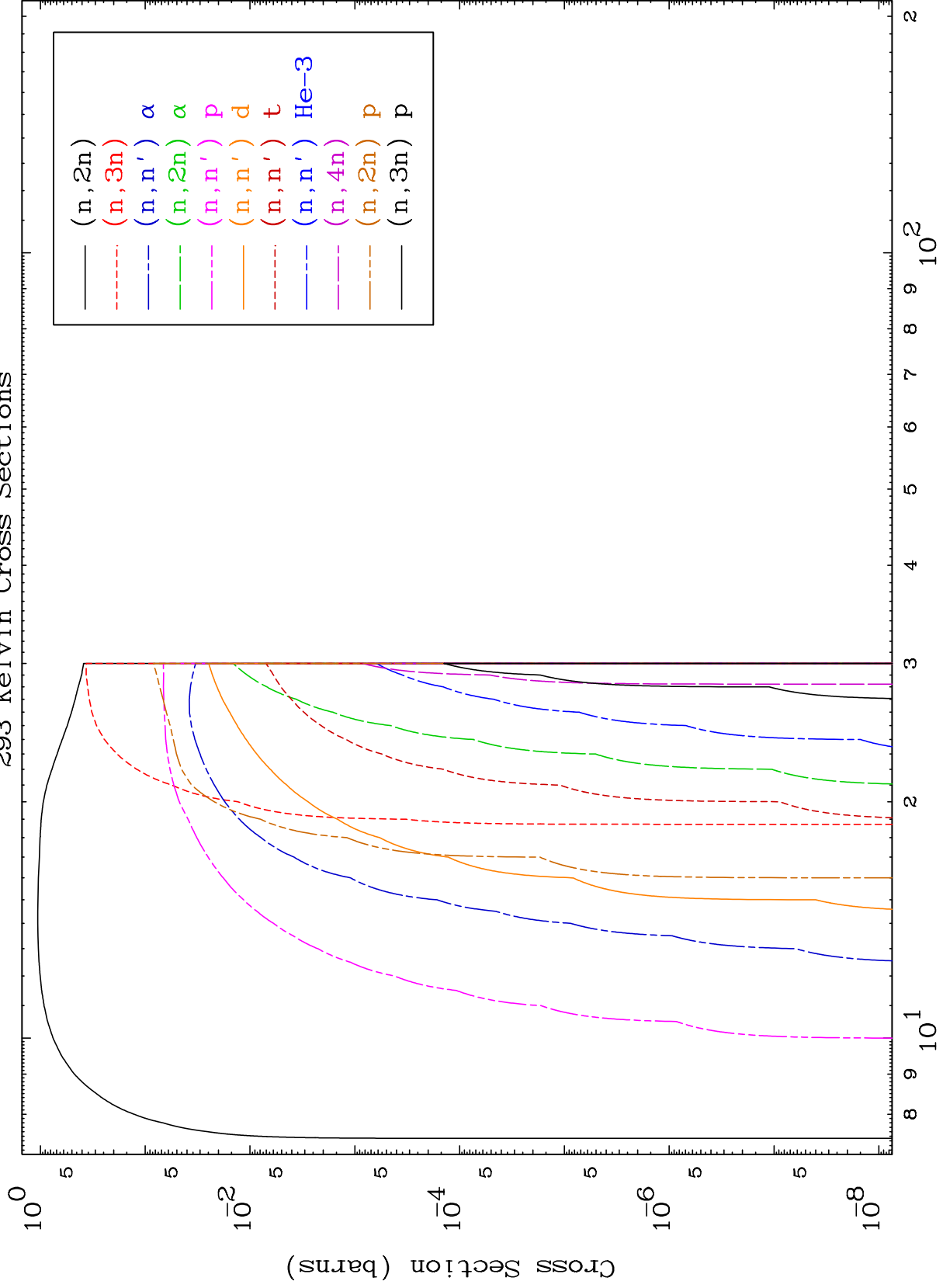
MAT 2331

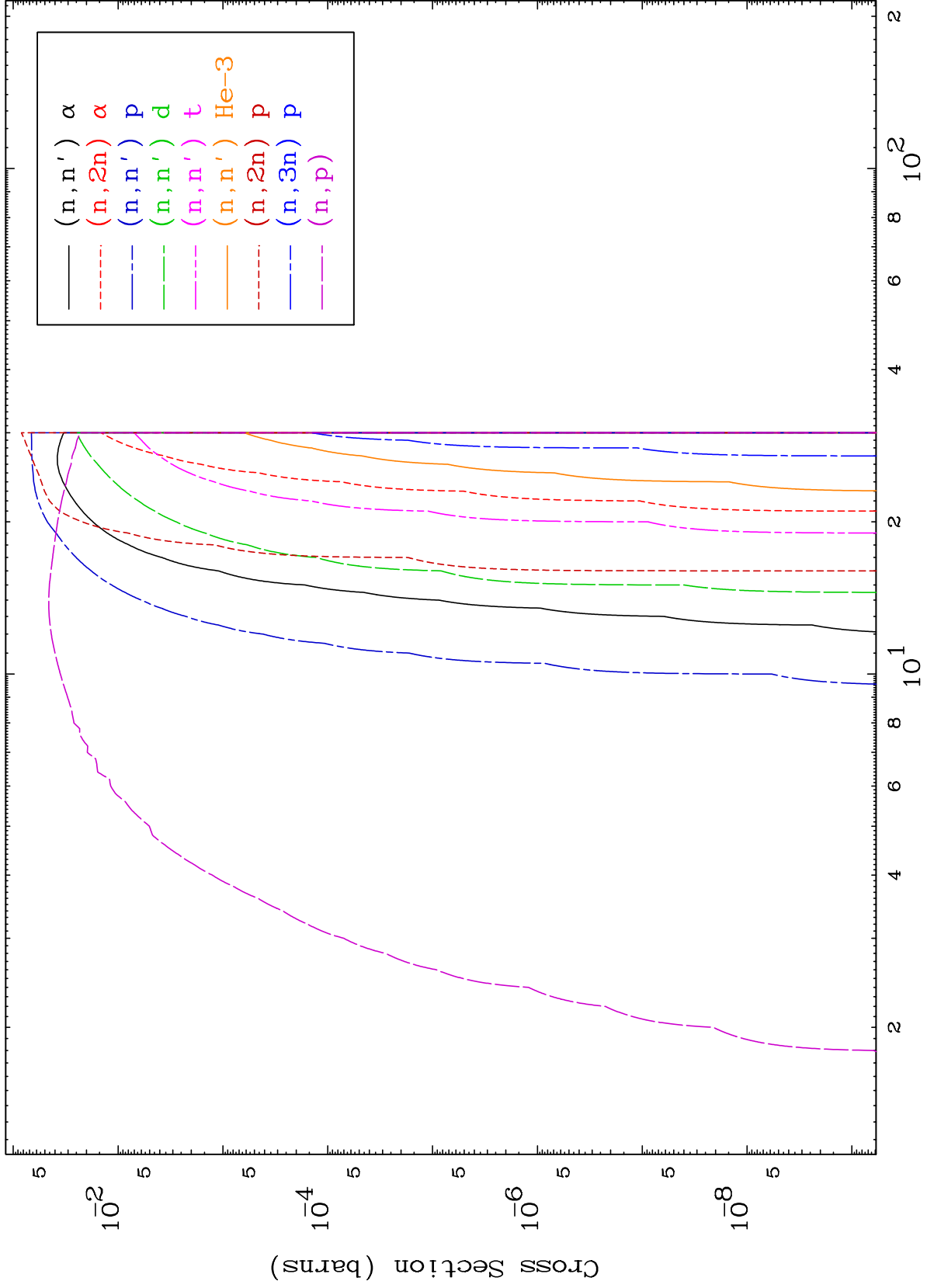
Major

293 Kelvin Cross Sections

23-V -52



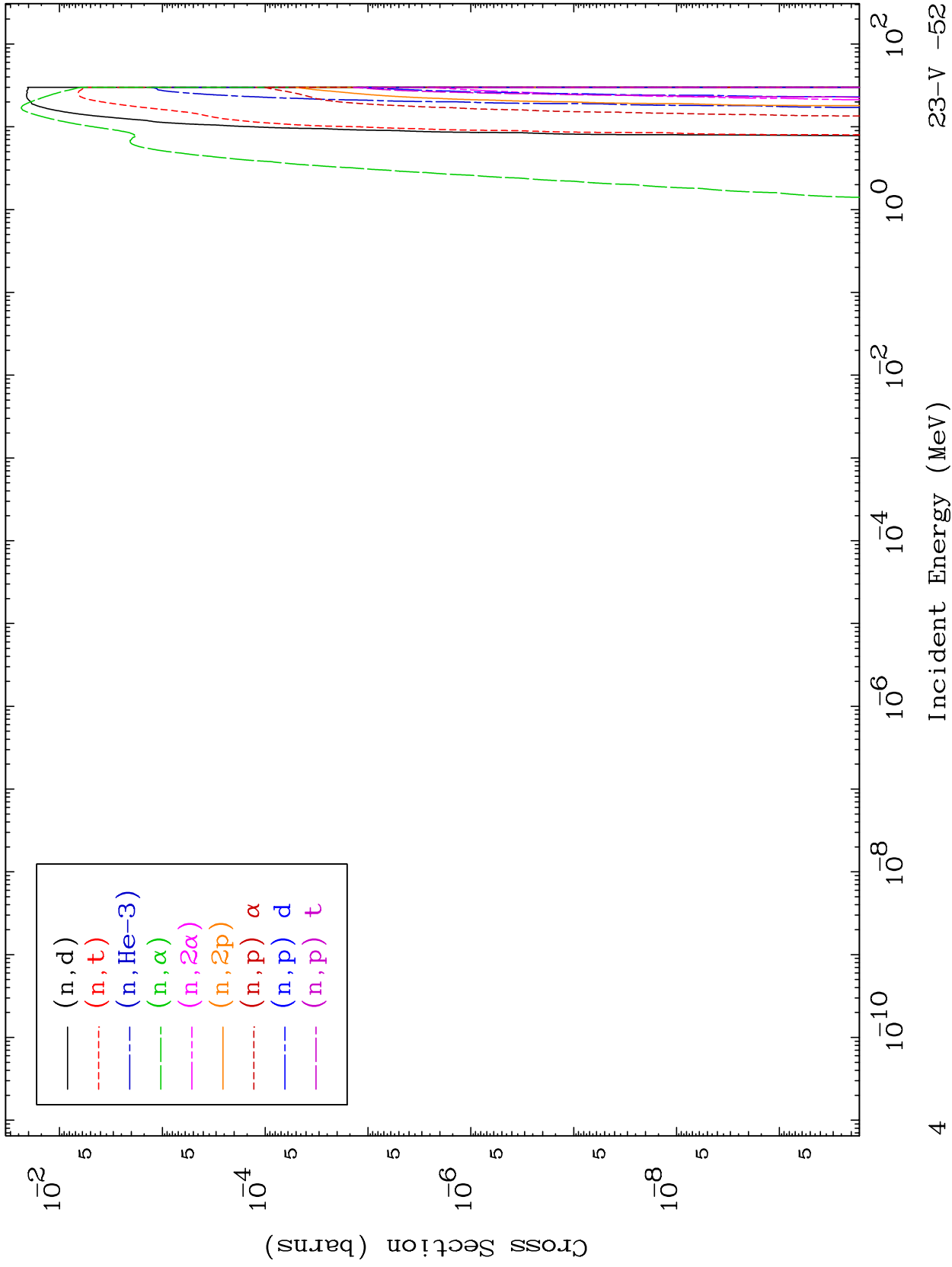




MAT 2331

Charged Particle
293 Kelvin Cross Sections

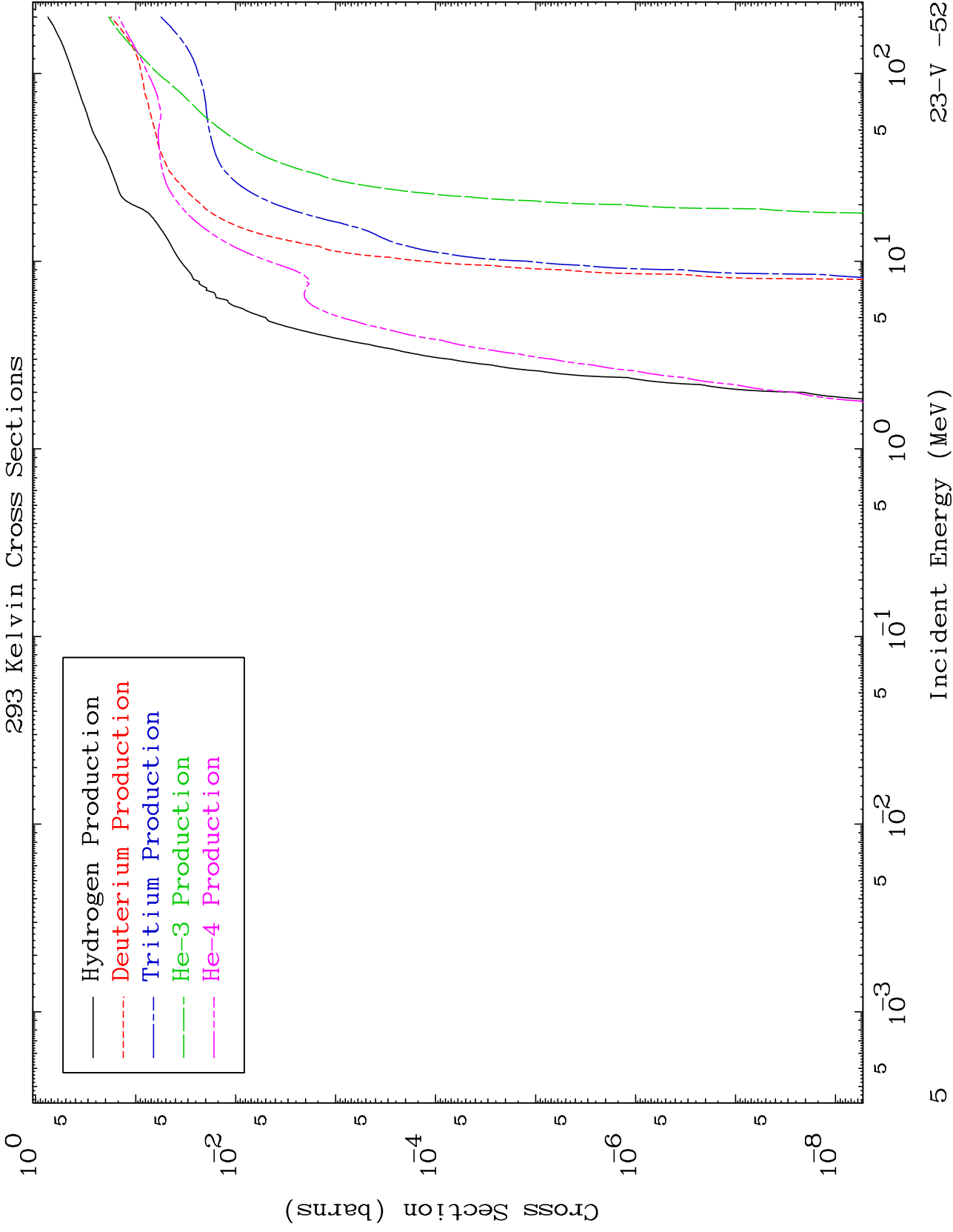
23-V -52



MAT 2331

Particle Production
293 Kelvin Cross Sections

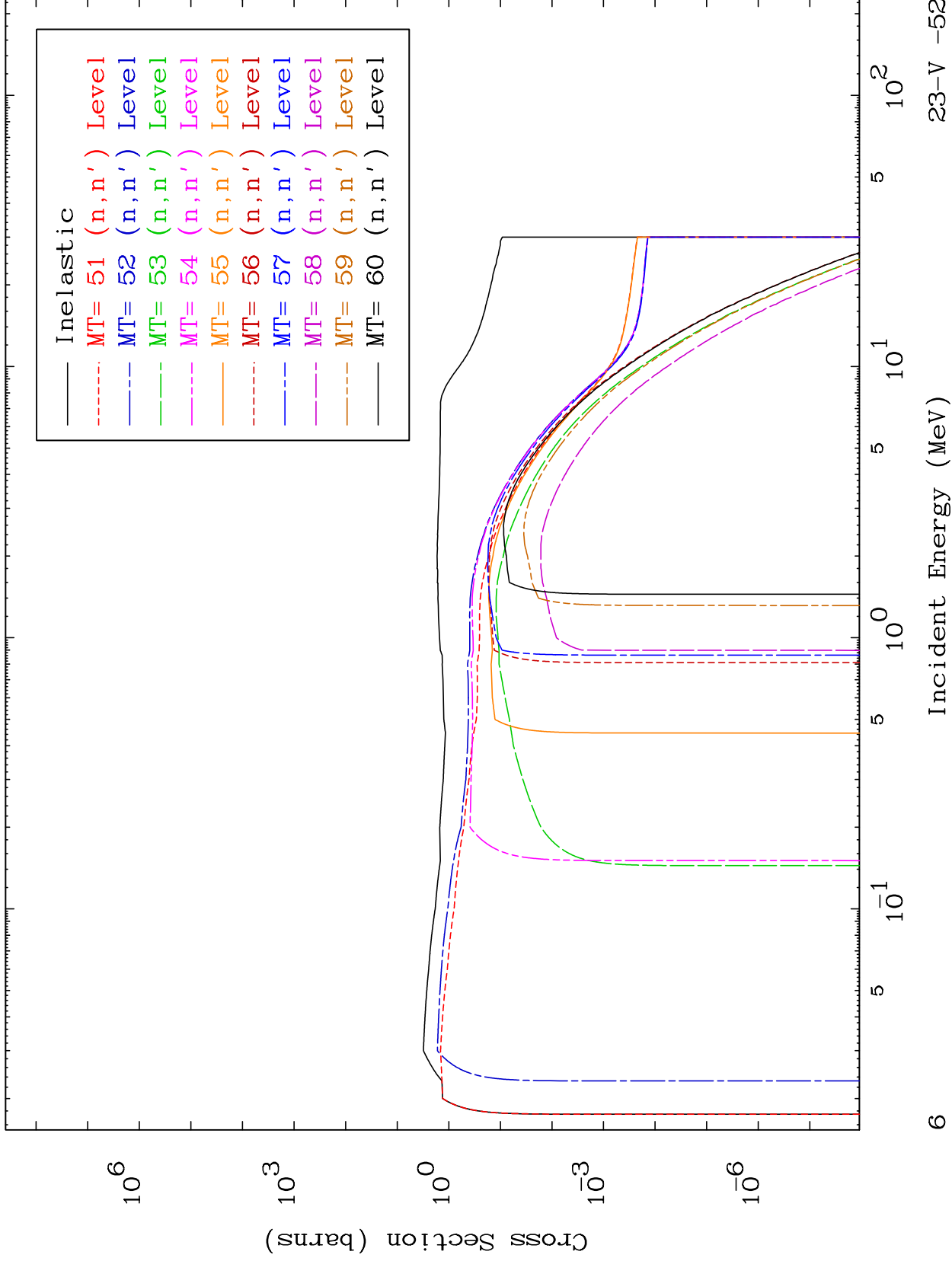
23-V -52



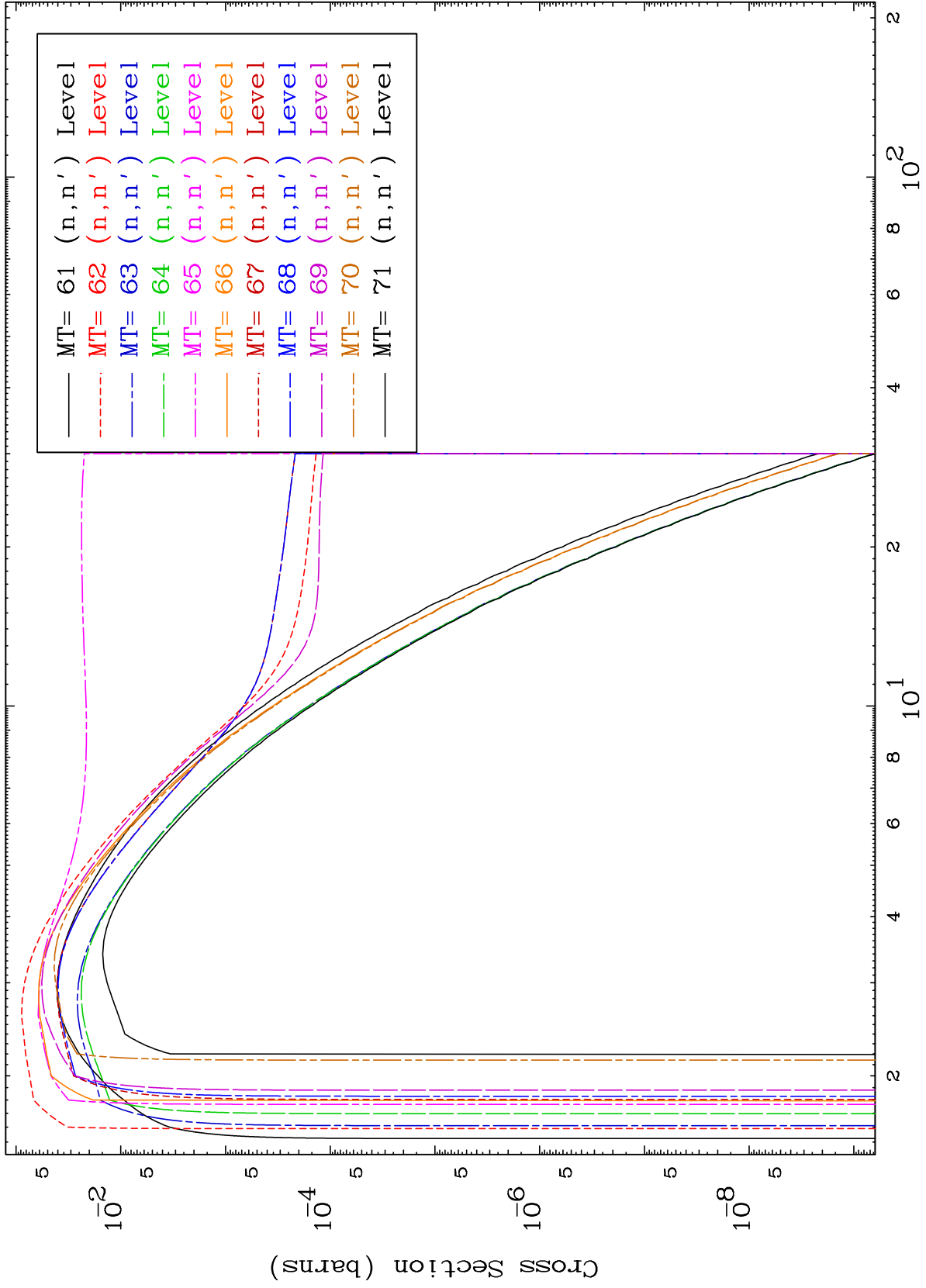
5

Incident Energy (MeV)

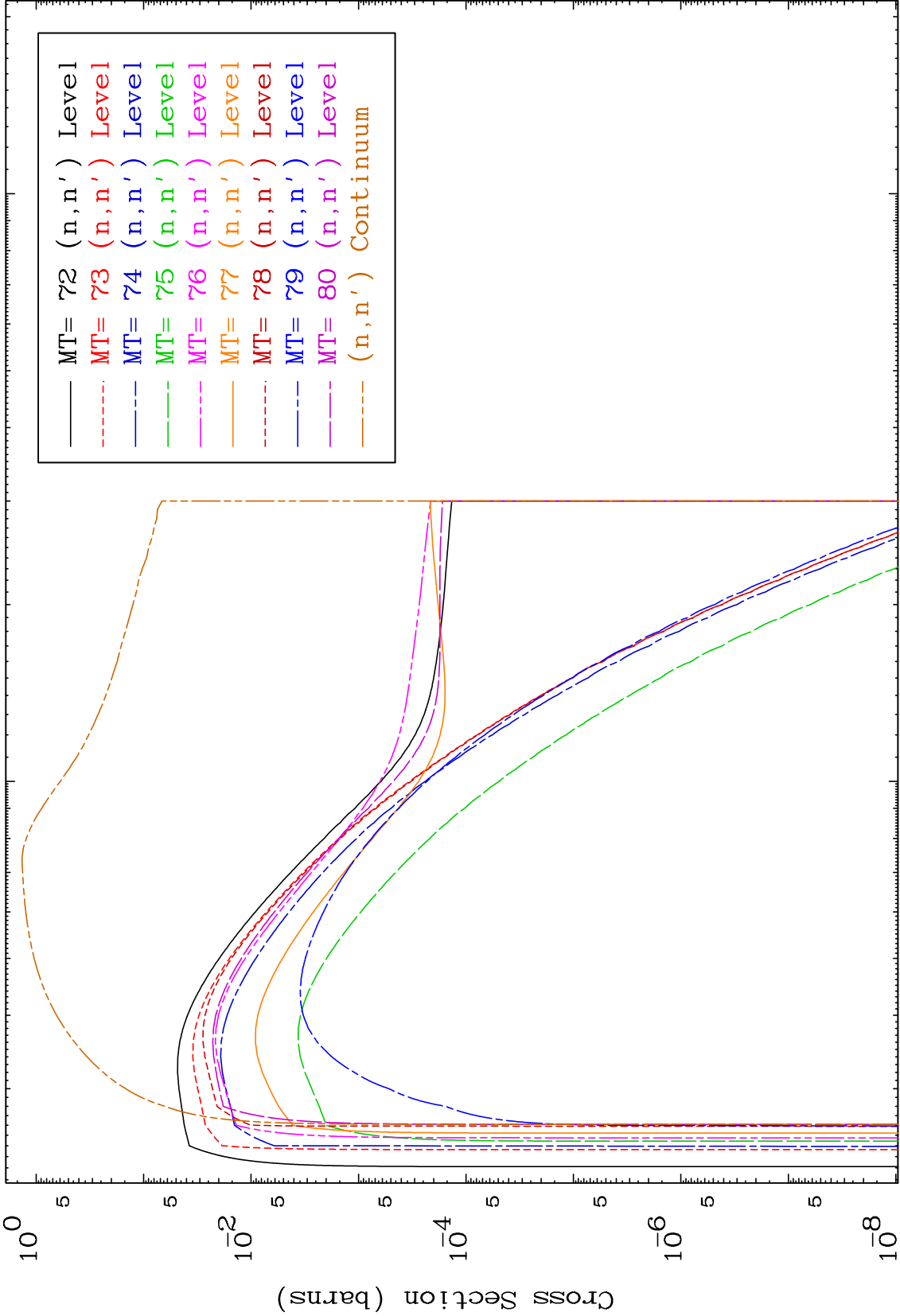
23-V -52

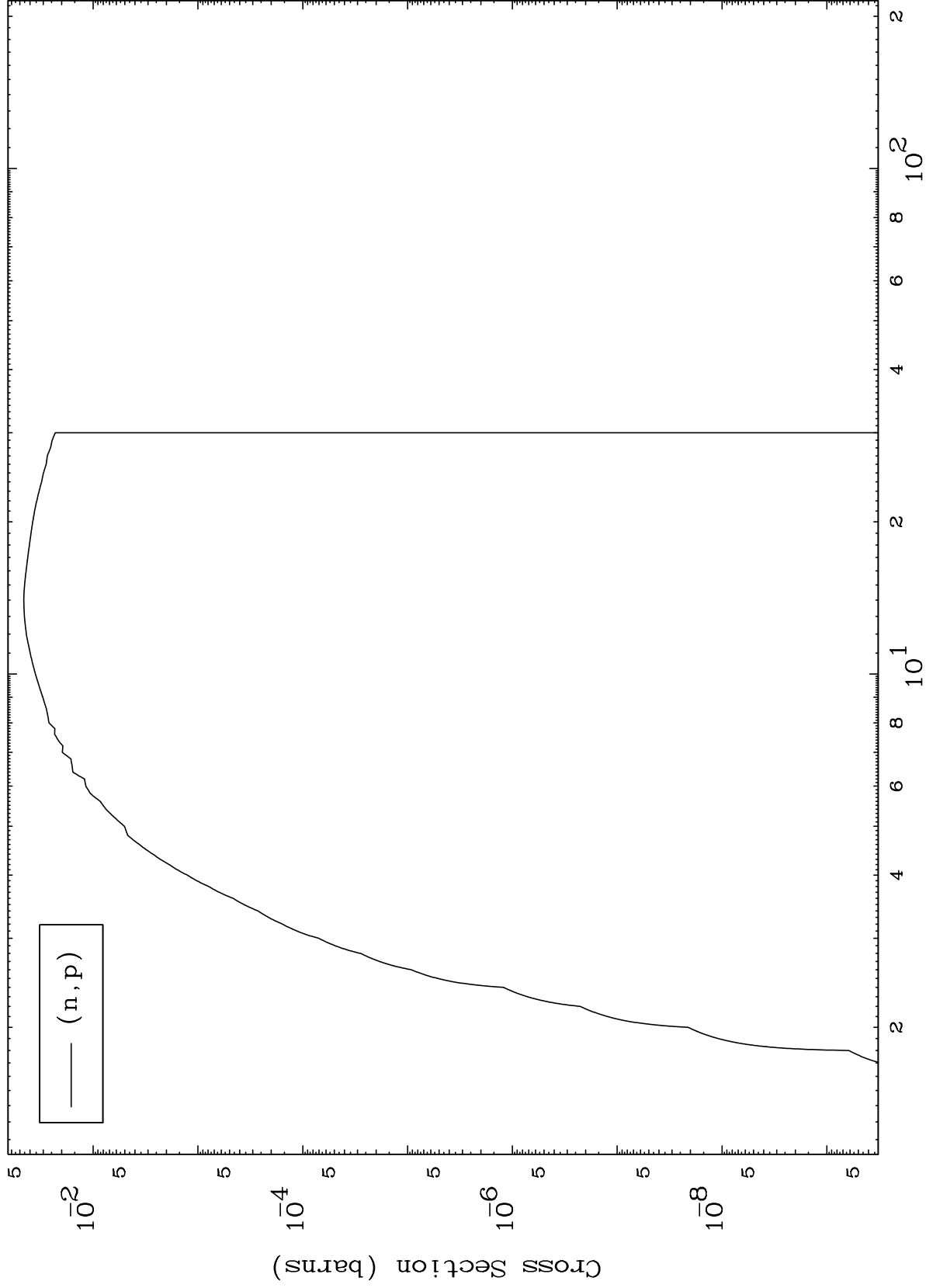


293 Kelvin Cross Sections



293 Kelvin Cross Sections

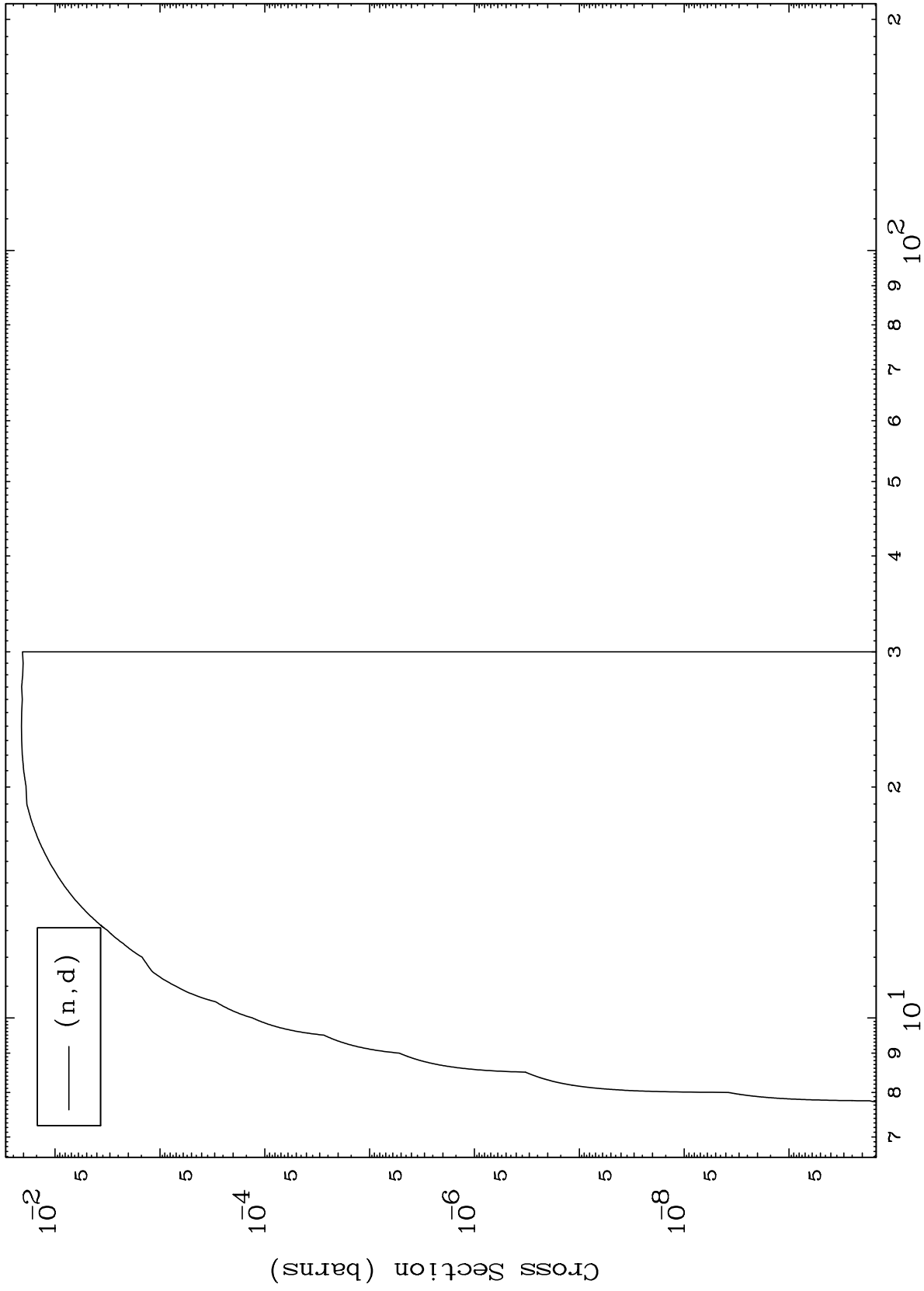




MAT 2331

(n,d) Levels
293 Kelvin Cross Sections

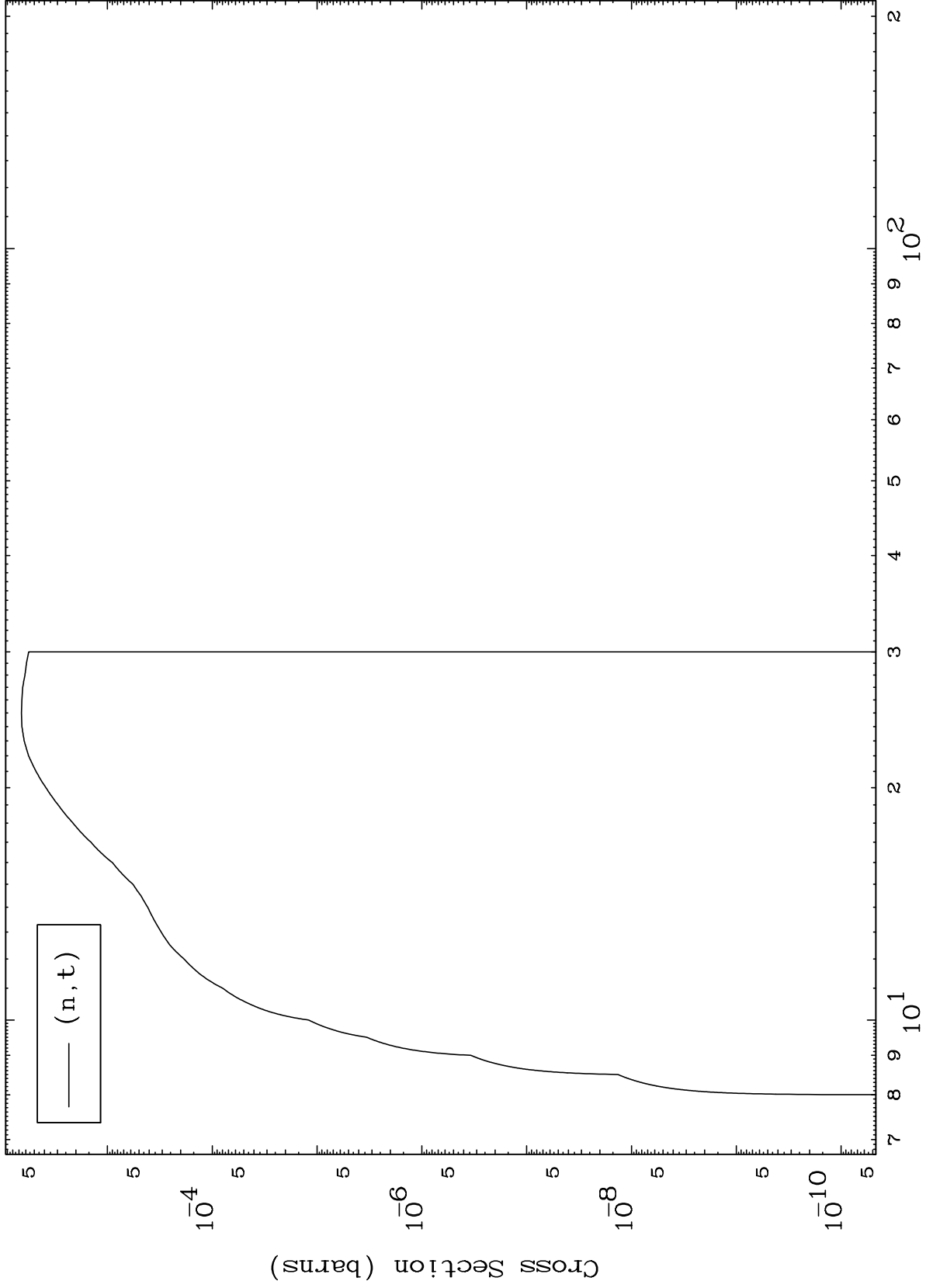
23-V -52

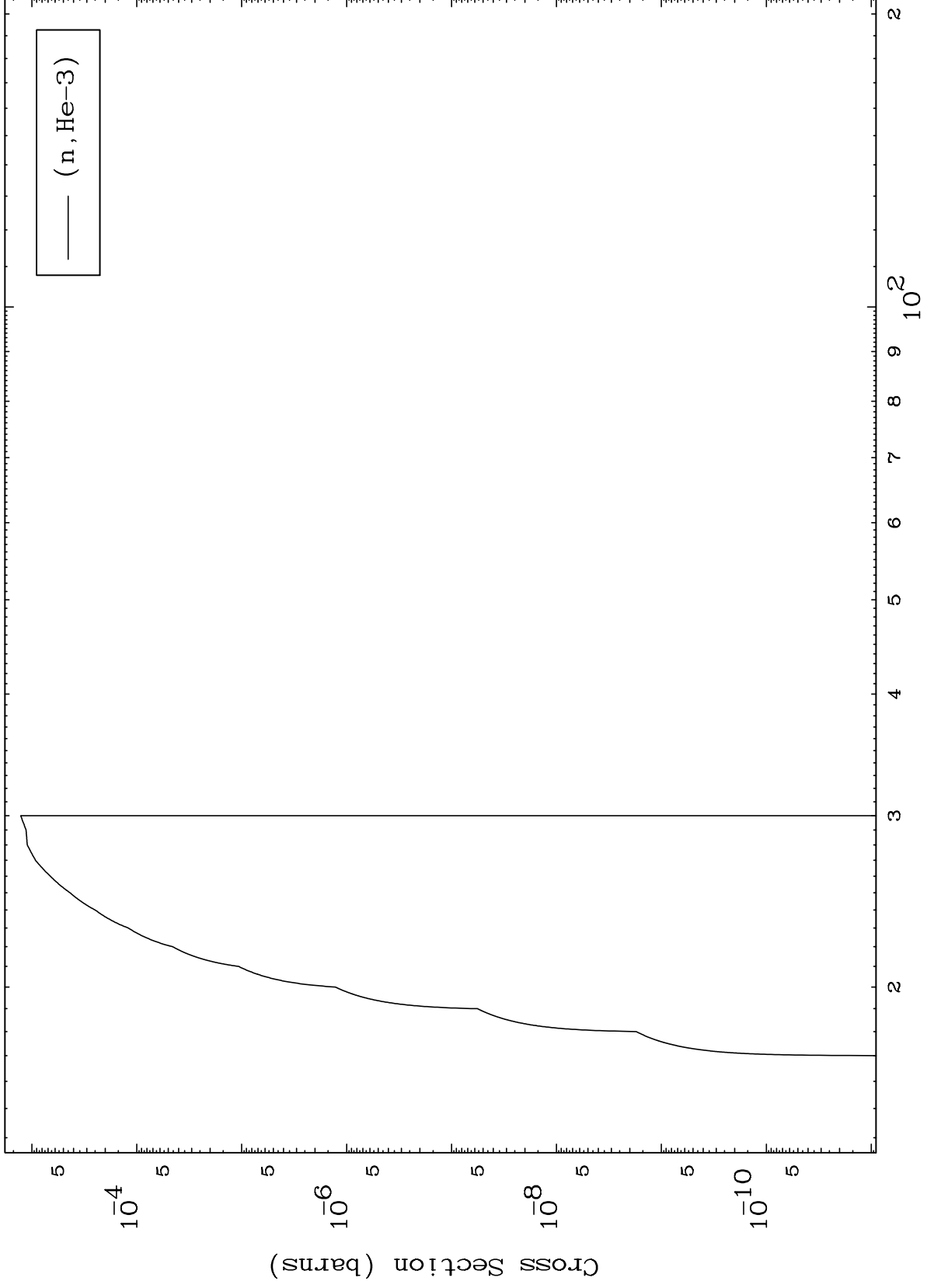


10

Incident Energy (MeV)

23-V -52

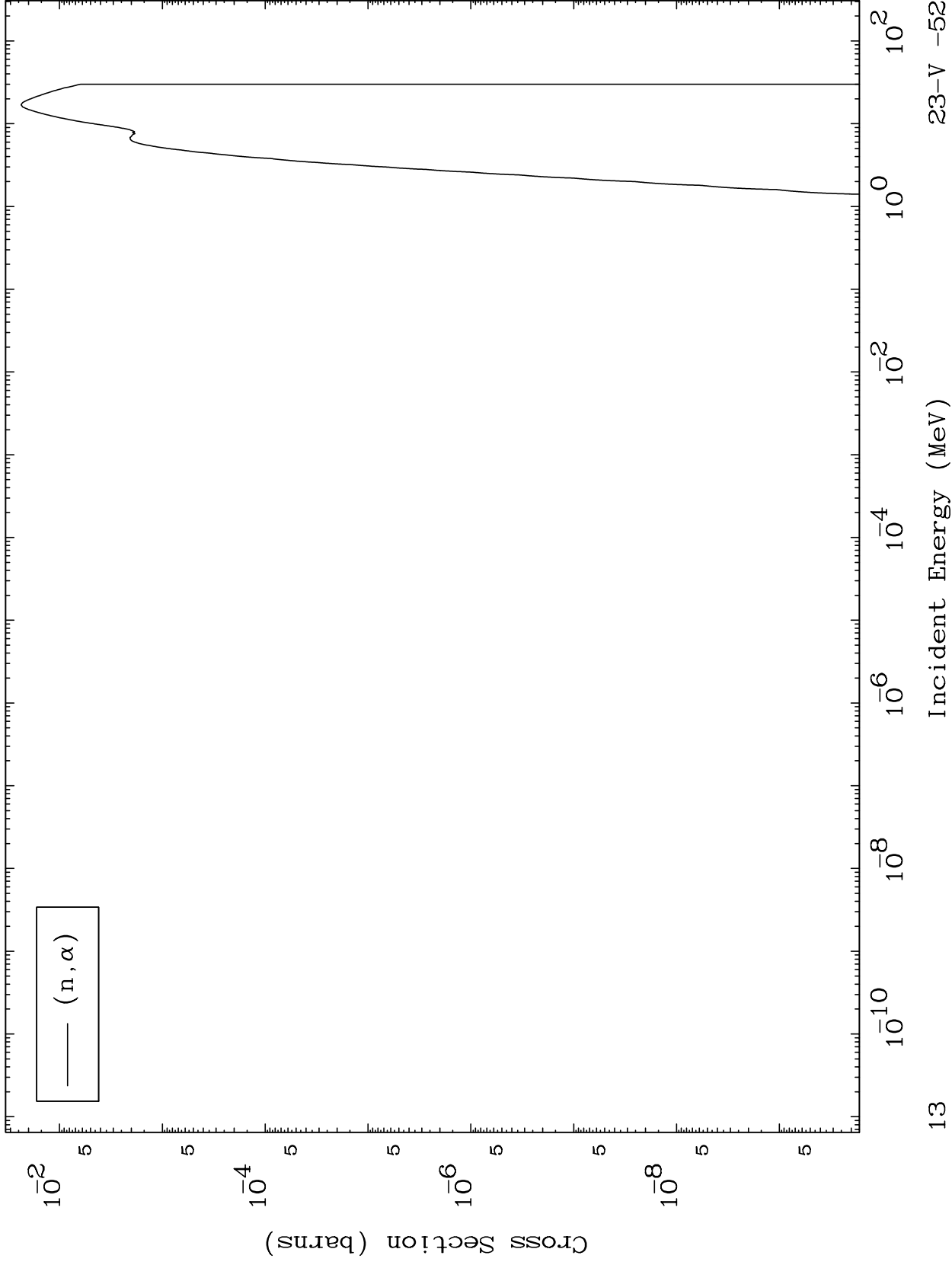


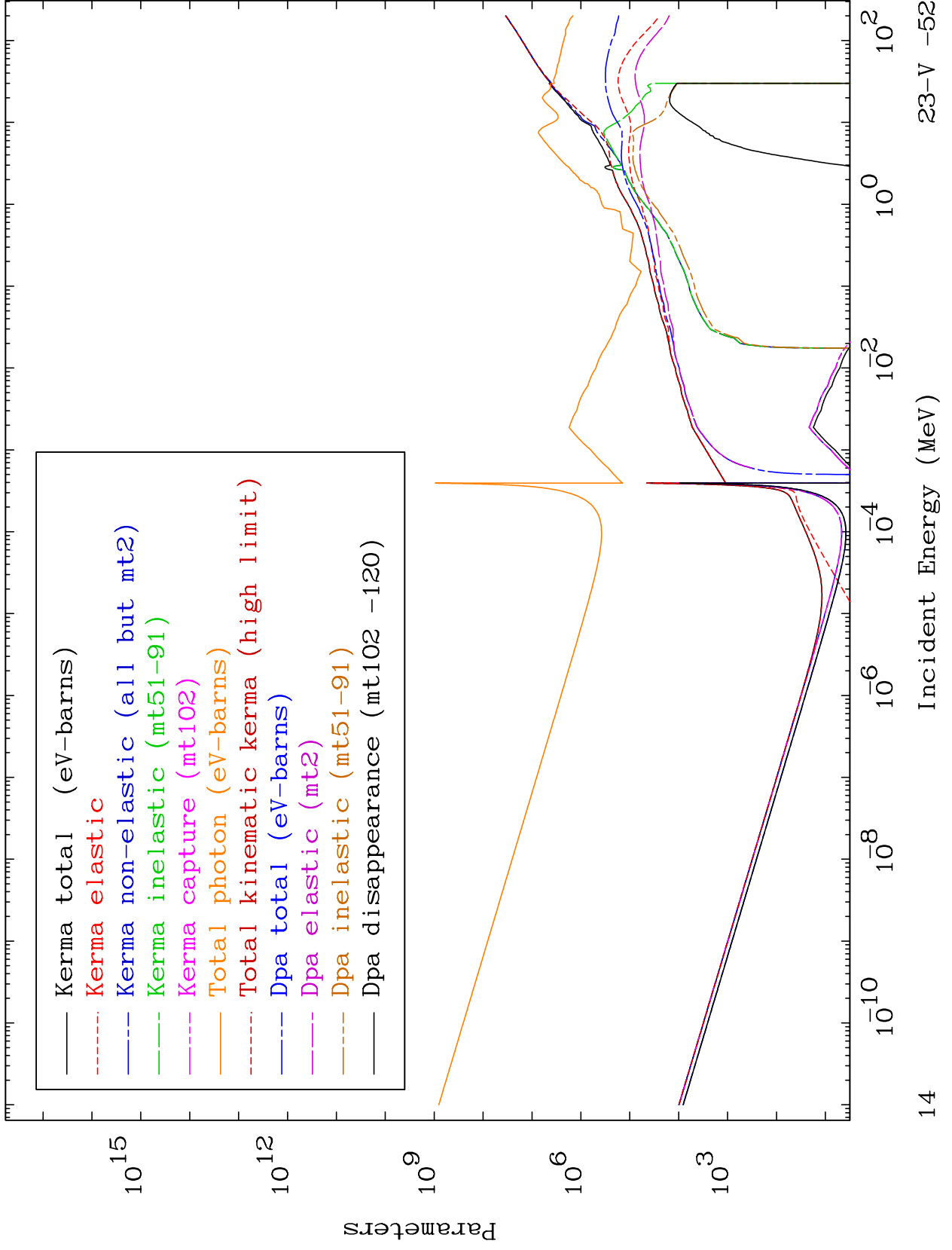


MAT 2331

(n, α) Levels
293 Kelvin Cross Sections

23-V -52

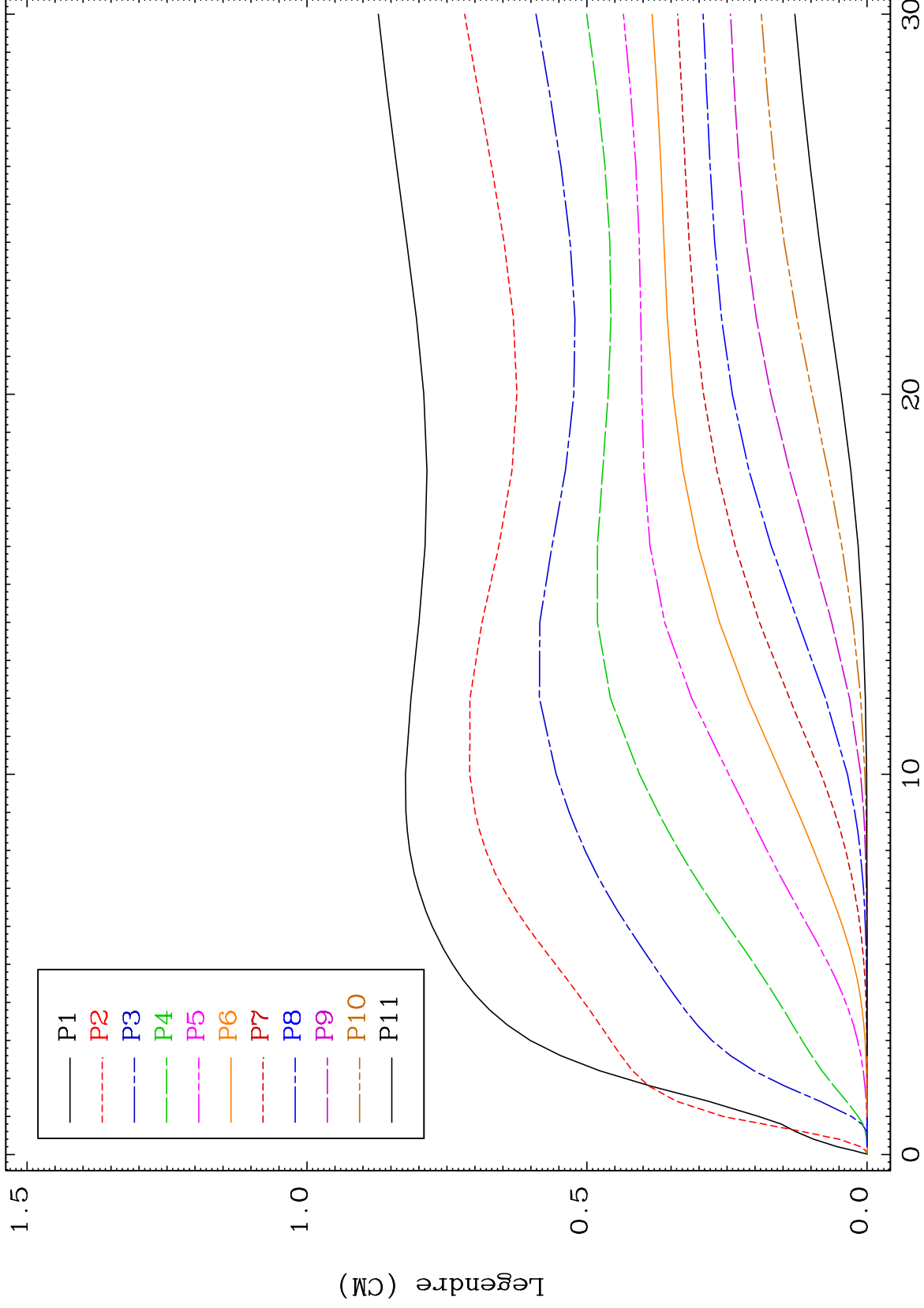




MAT 2331

Elastic Legendre Coefficients

23-V -52



15

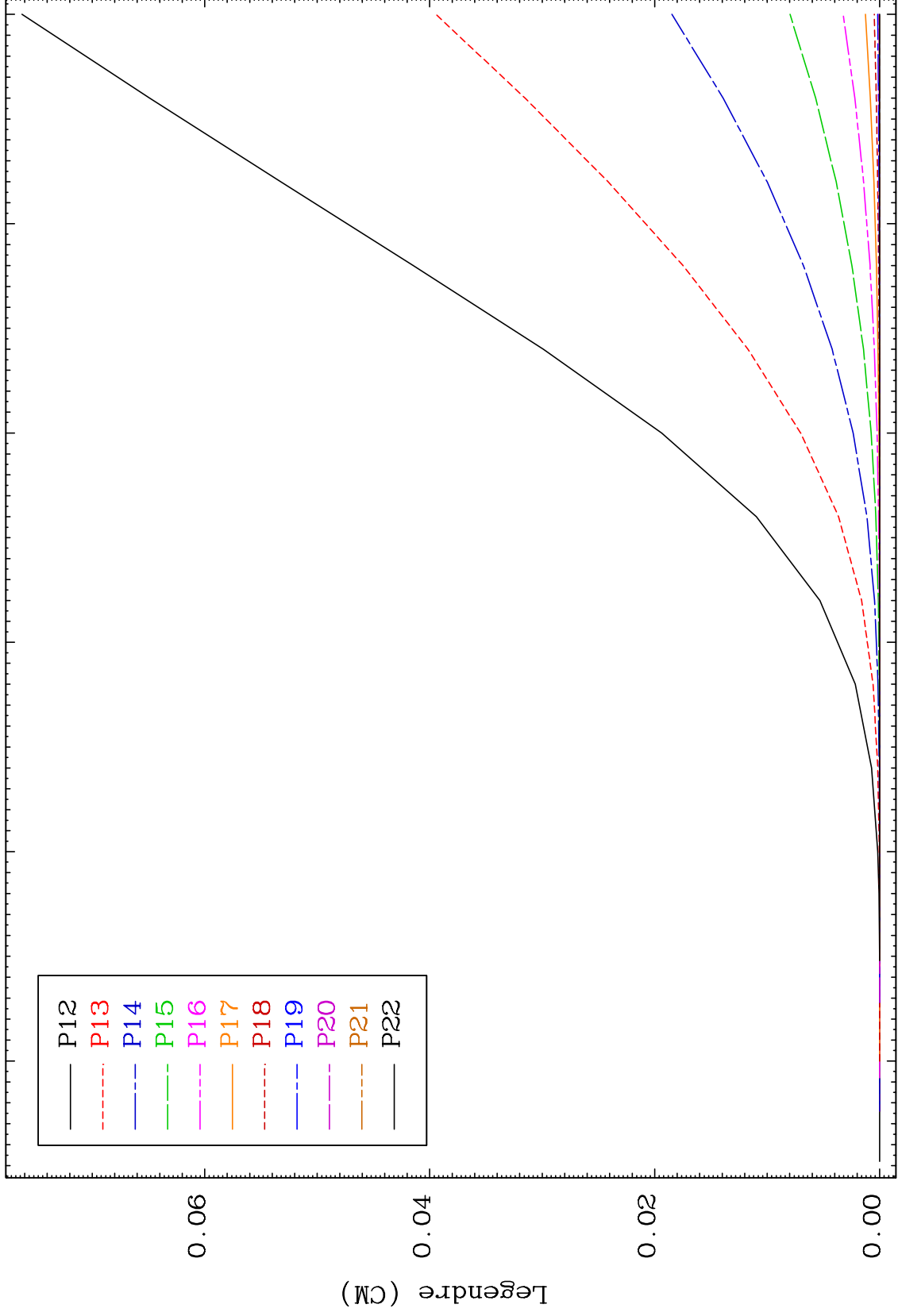
Incident Energy (MeV)

23-V -52

MAT 2331

Elastic
Legendre Coefficients

23-V -52



16

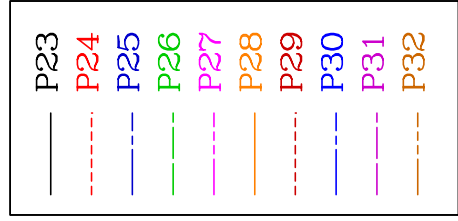
Incident Energy (MeV)

23-V -52

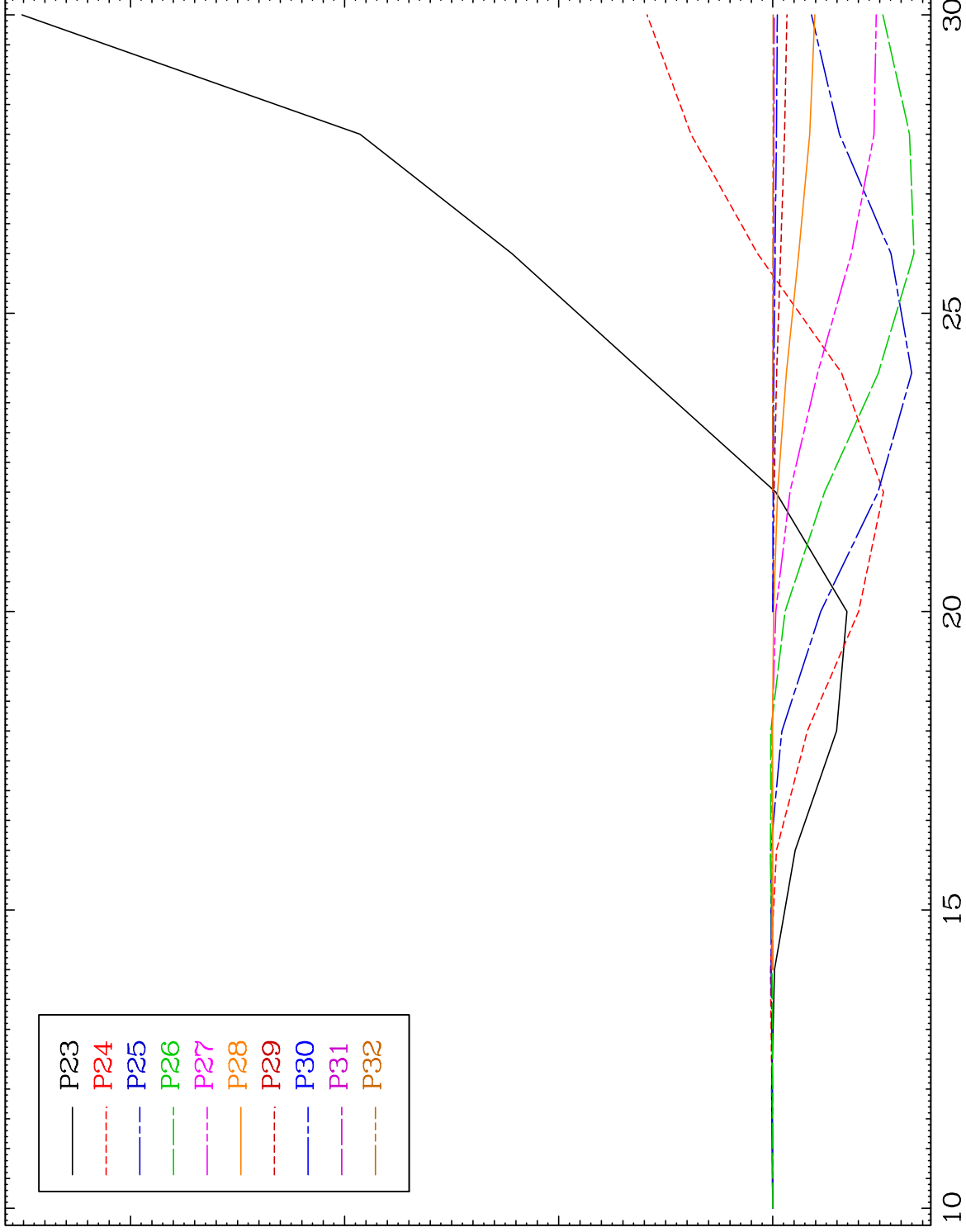
MAT 2331

Elastic Legendre Coefficients

23-V -52



$\times 10^{-6}$
Legendre (CM)
0.5
1.0
1.5



10

15

20

25

30

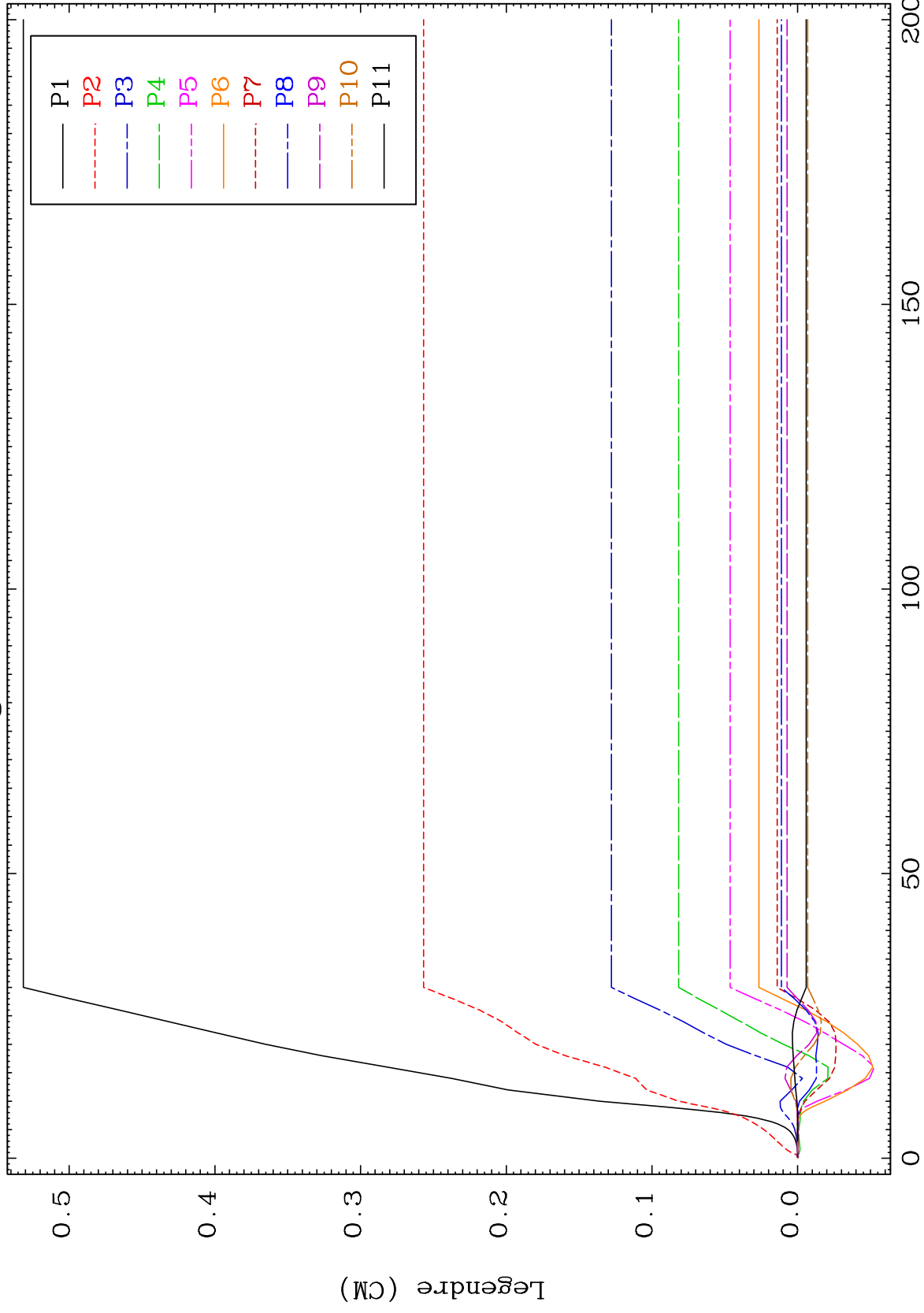
Incident Energy (MeV)

23-V -52

MAT 2331

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

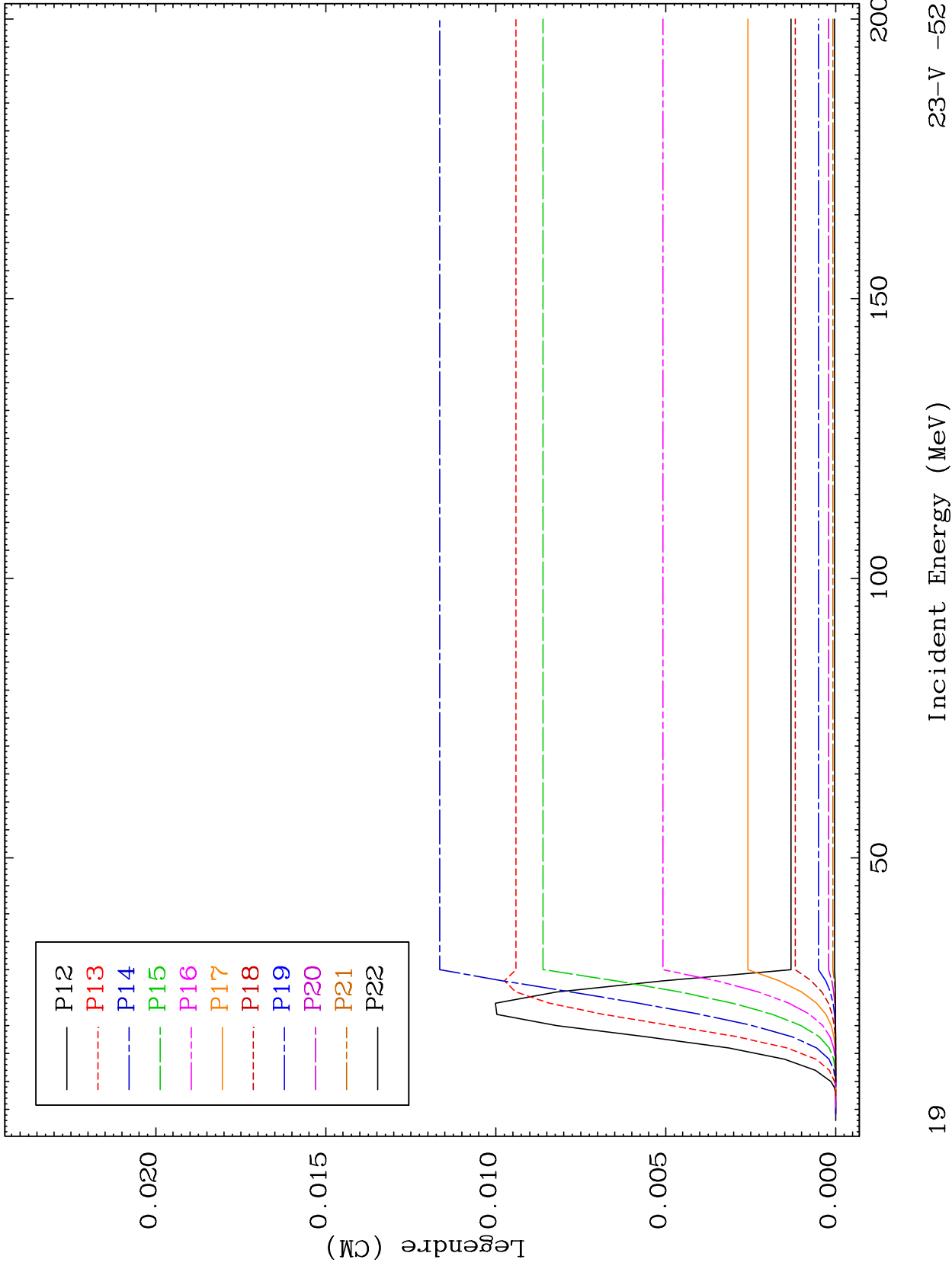
23-V -52



18

Incident Energy (MeV)

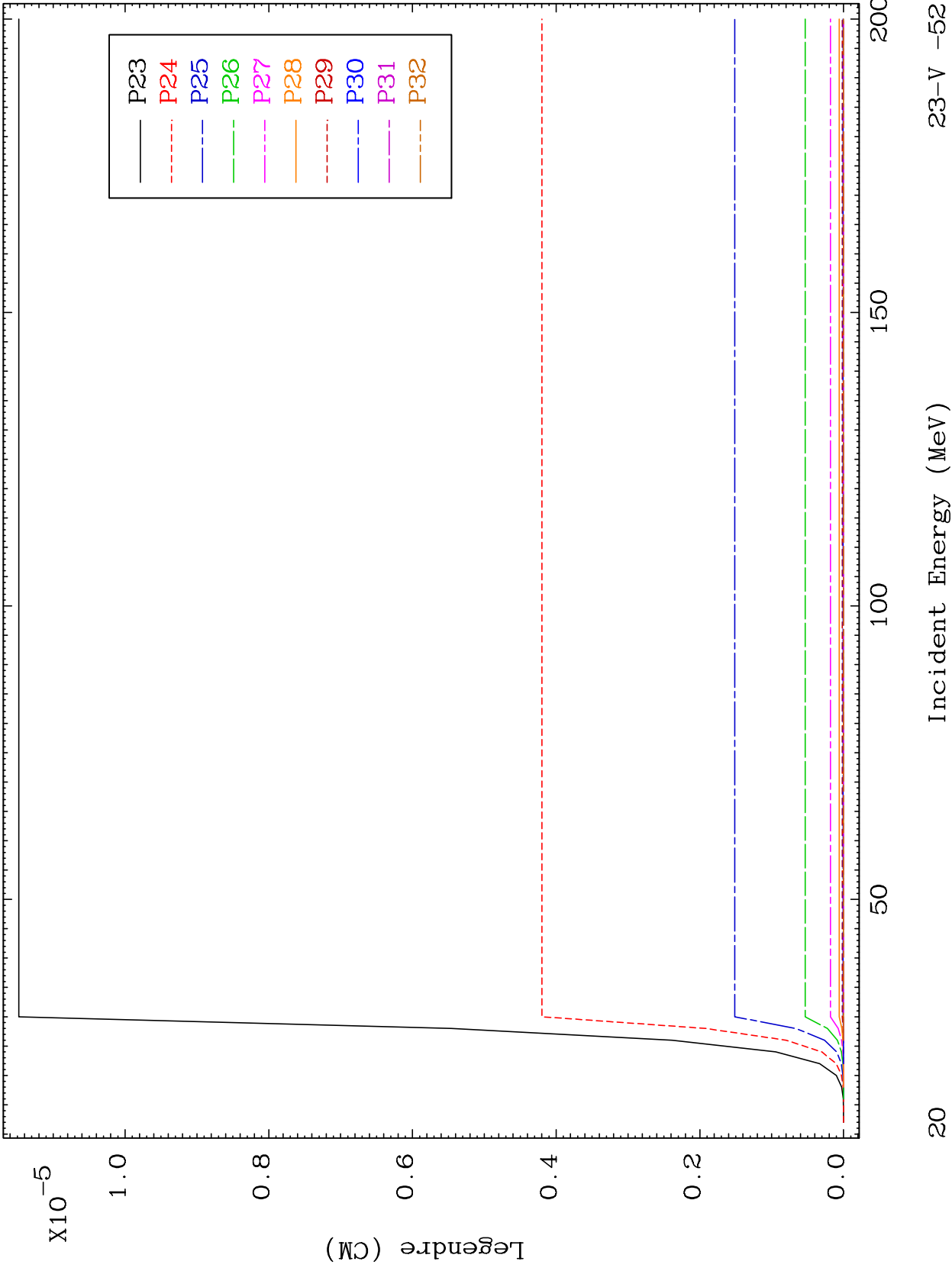
23-V -52



MAT 2331

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

23-V -52



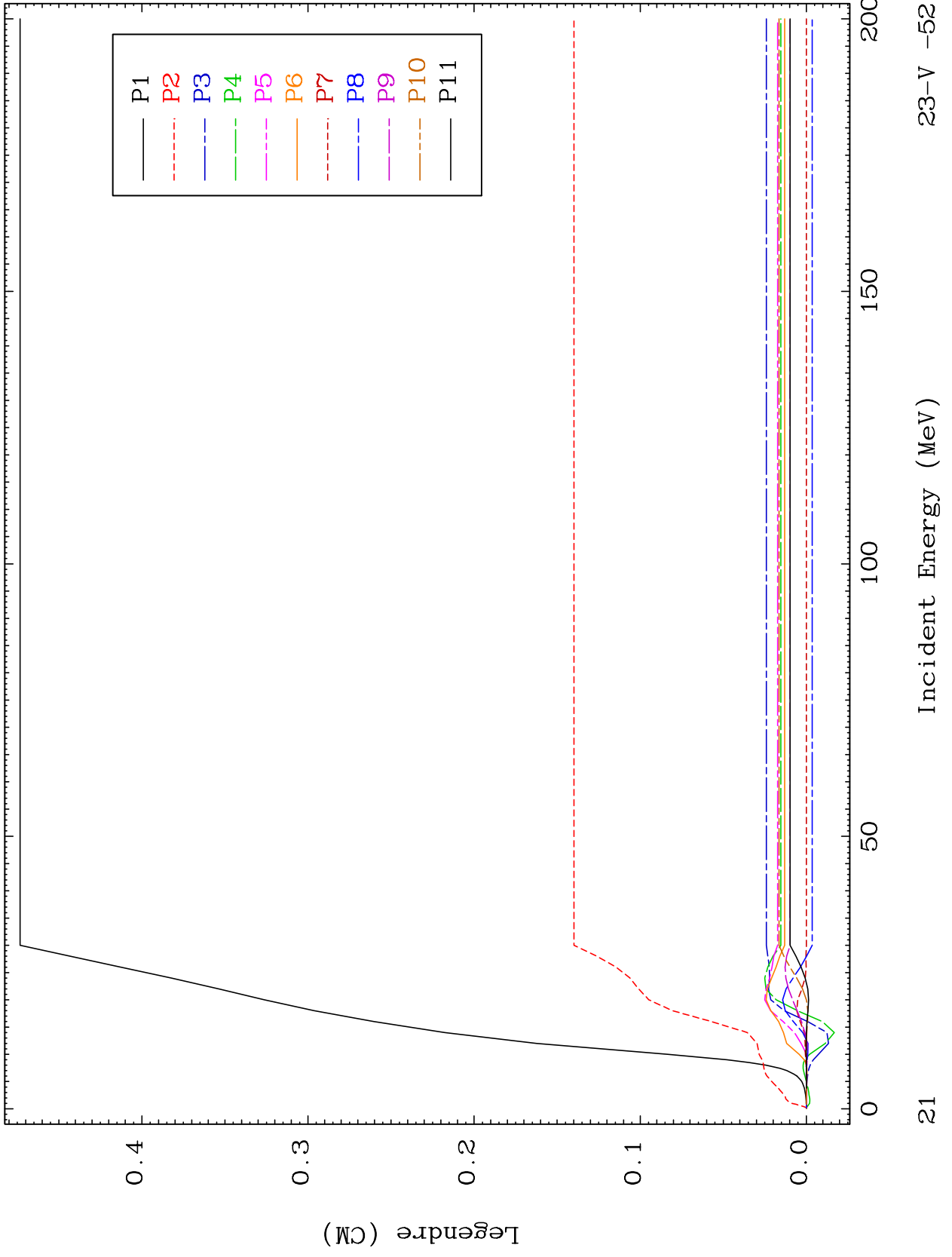
23-V -52

20

MAT 2331

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

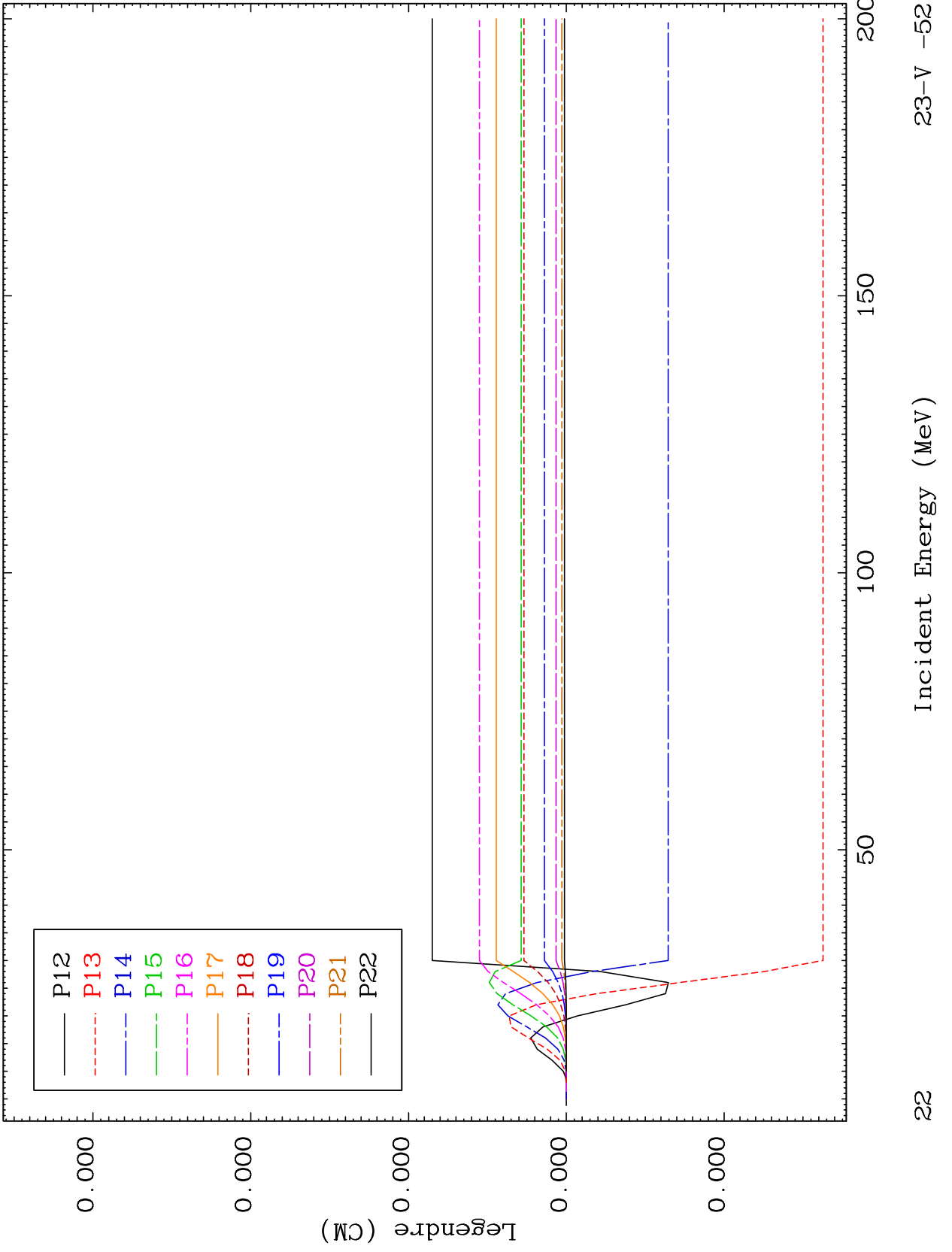
23-V -52



21

Incident Energy (MeV)

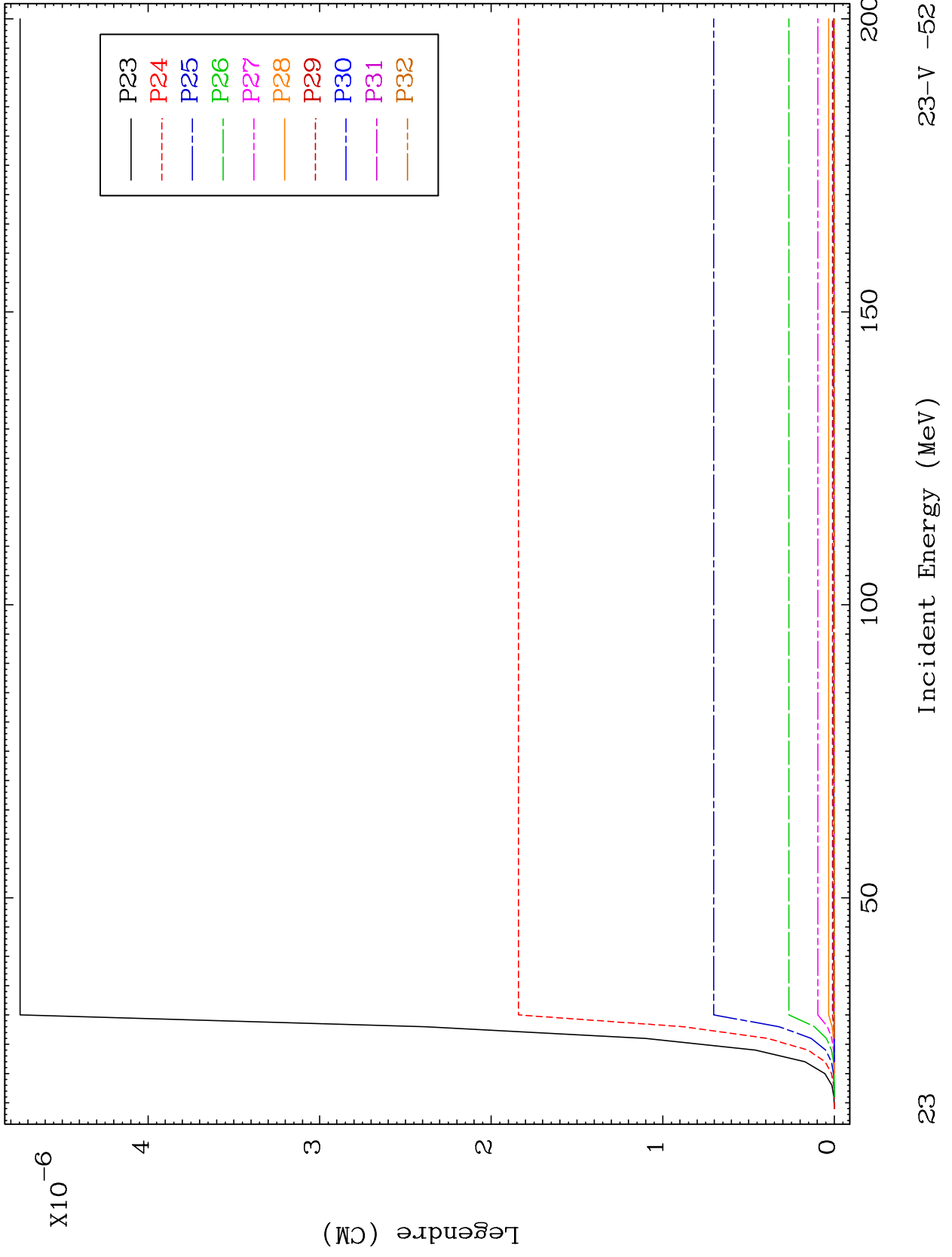
23-V -52



MAT 2331

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

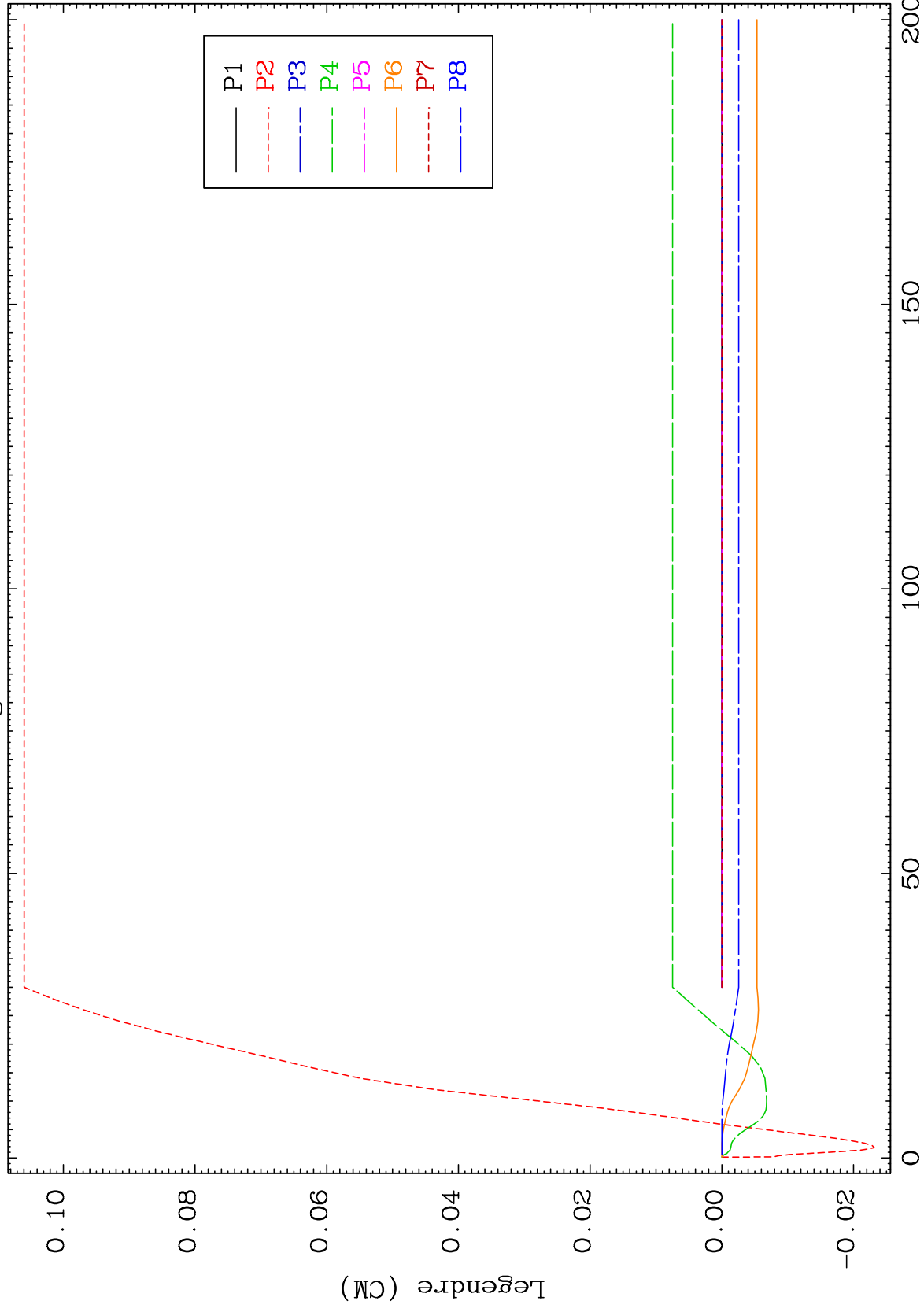
23-V -52



MAT 2331

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

23-V -52



24

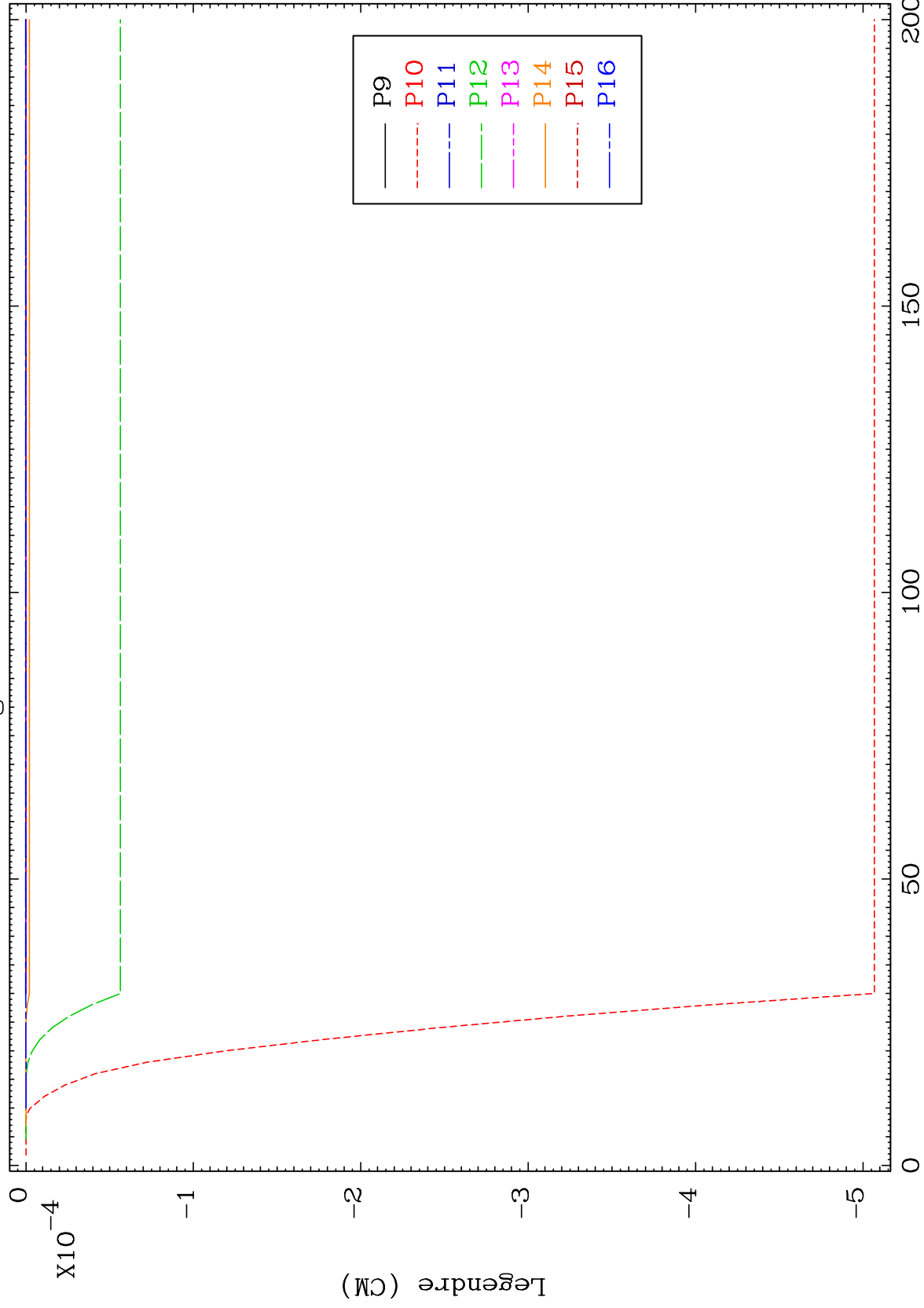
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



25

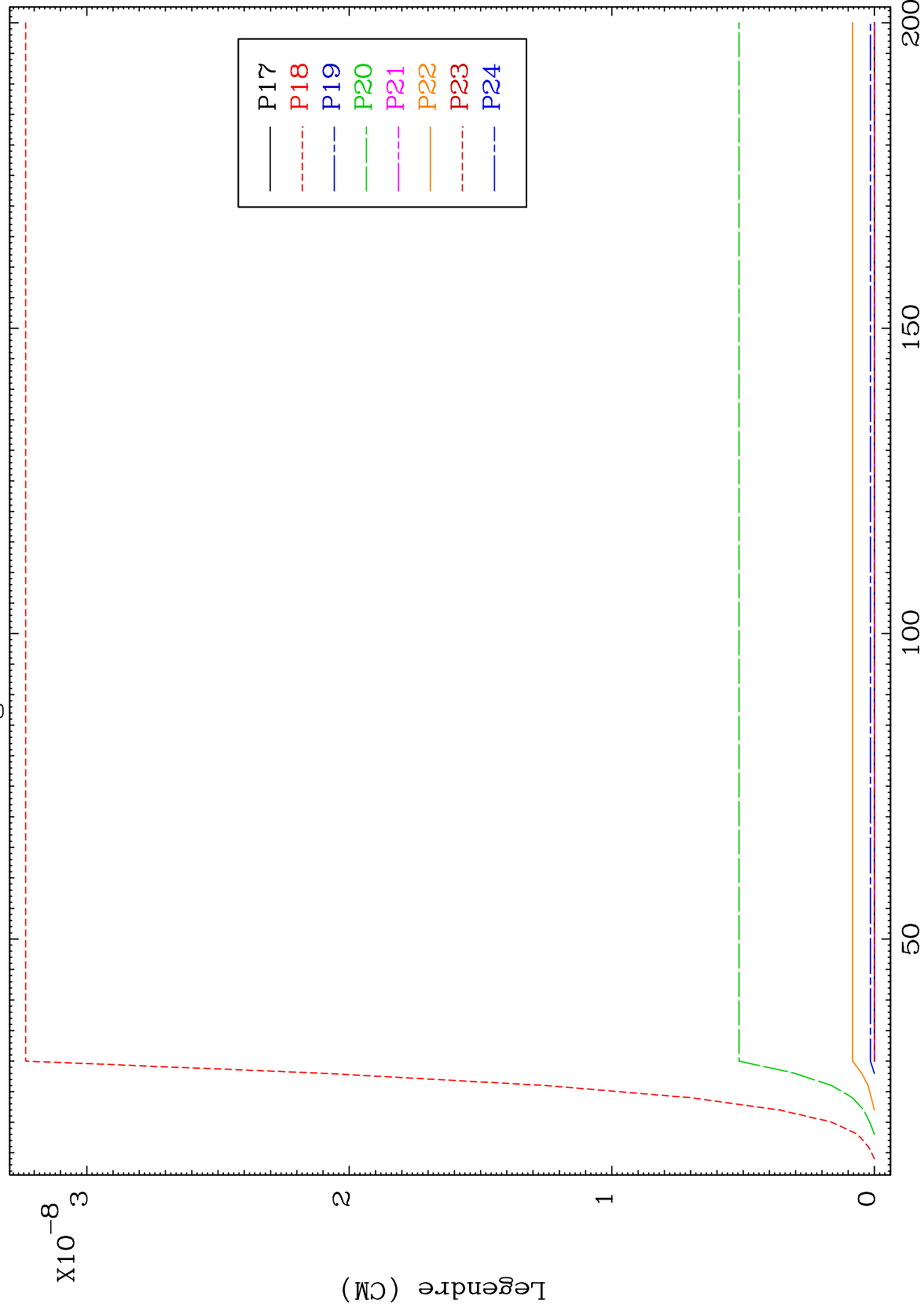
Incident Energy (MeV)

23-V -52

MAT 2331

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

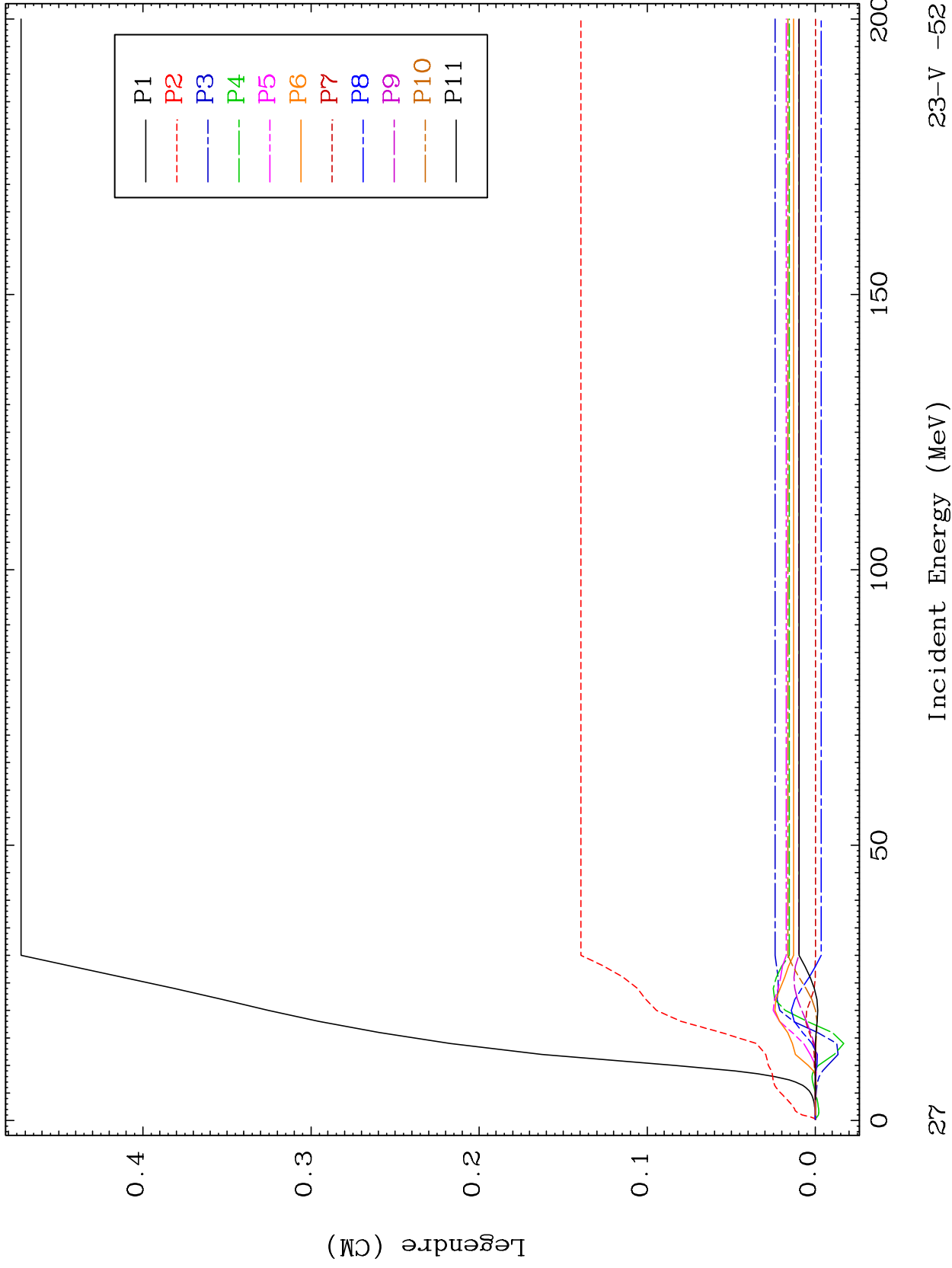
23-V -52

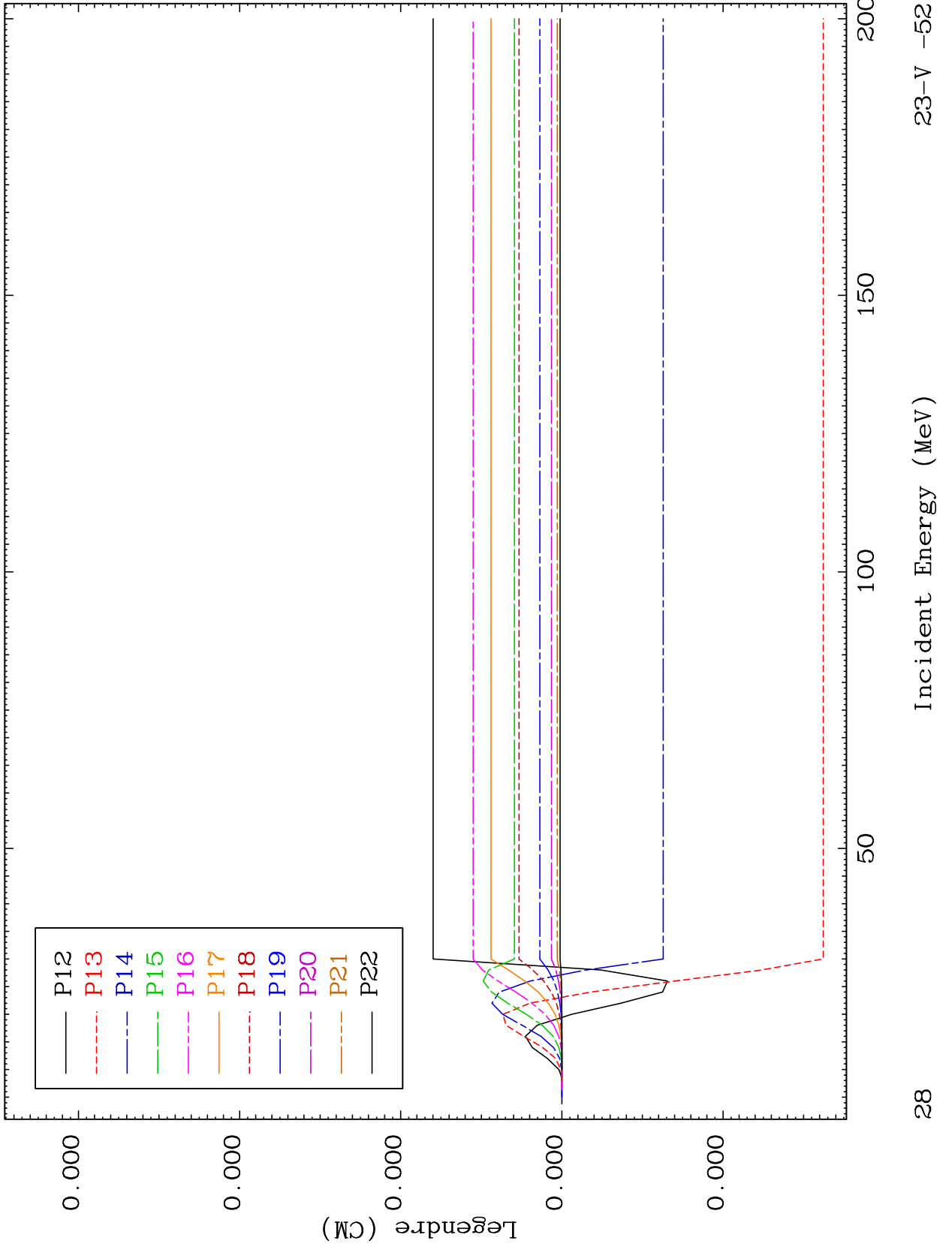


23-V -52

Incident Energy (MeV)

26

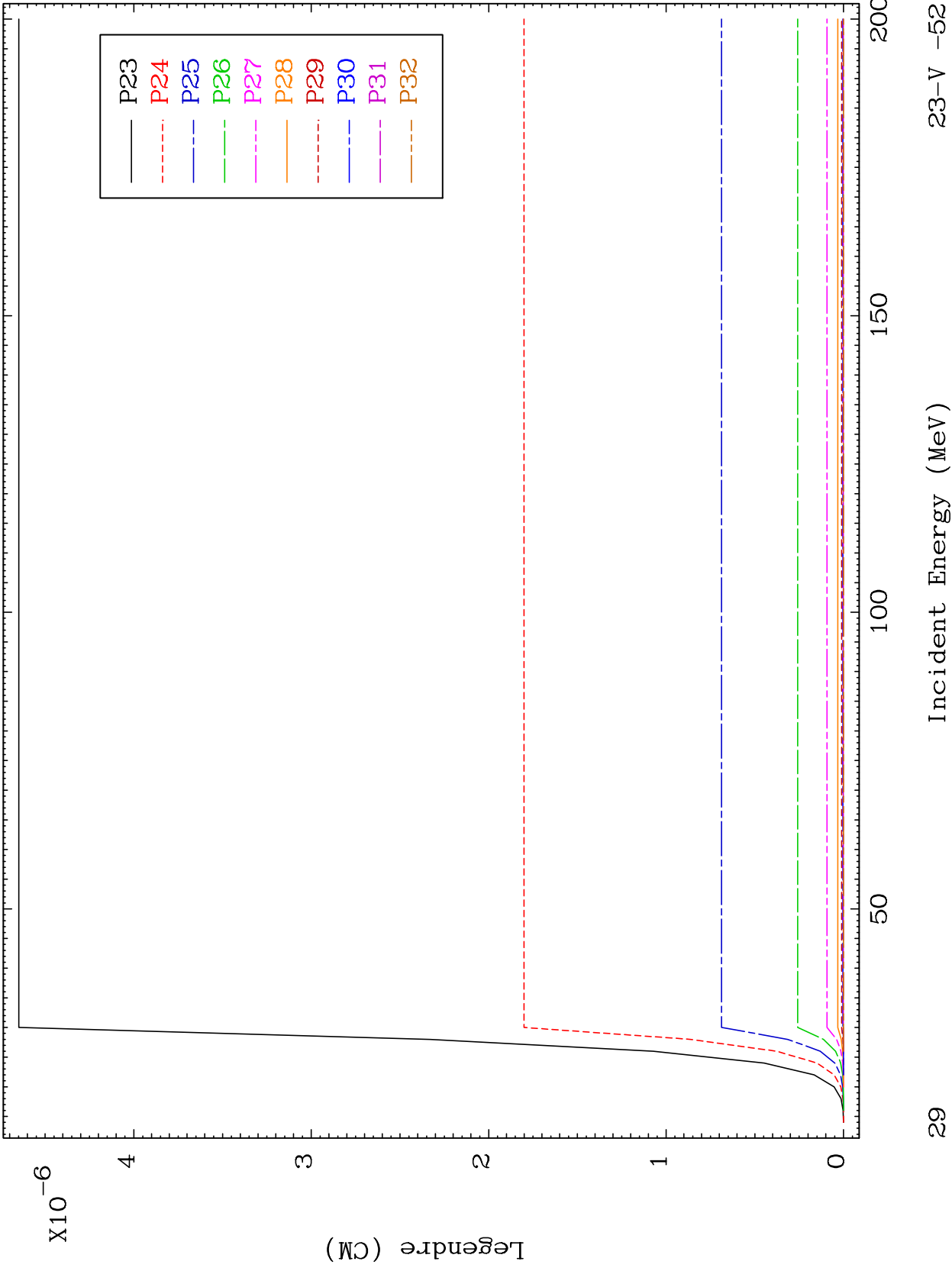




MAT 2331

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

23-V -52



29

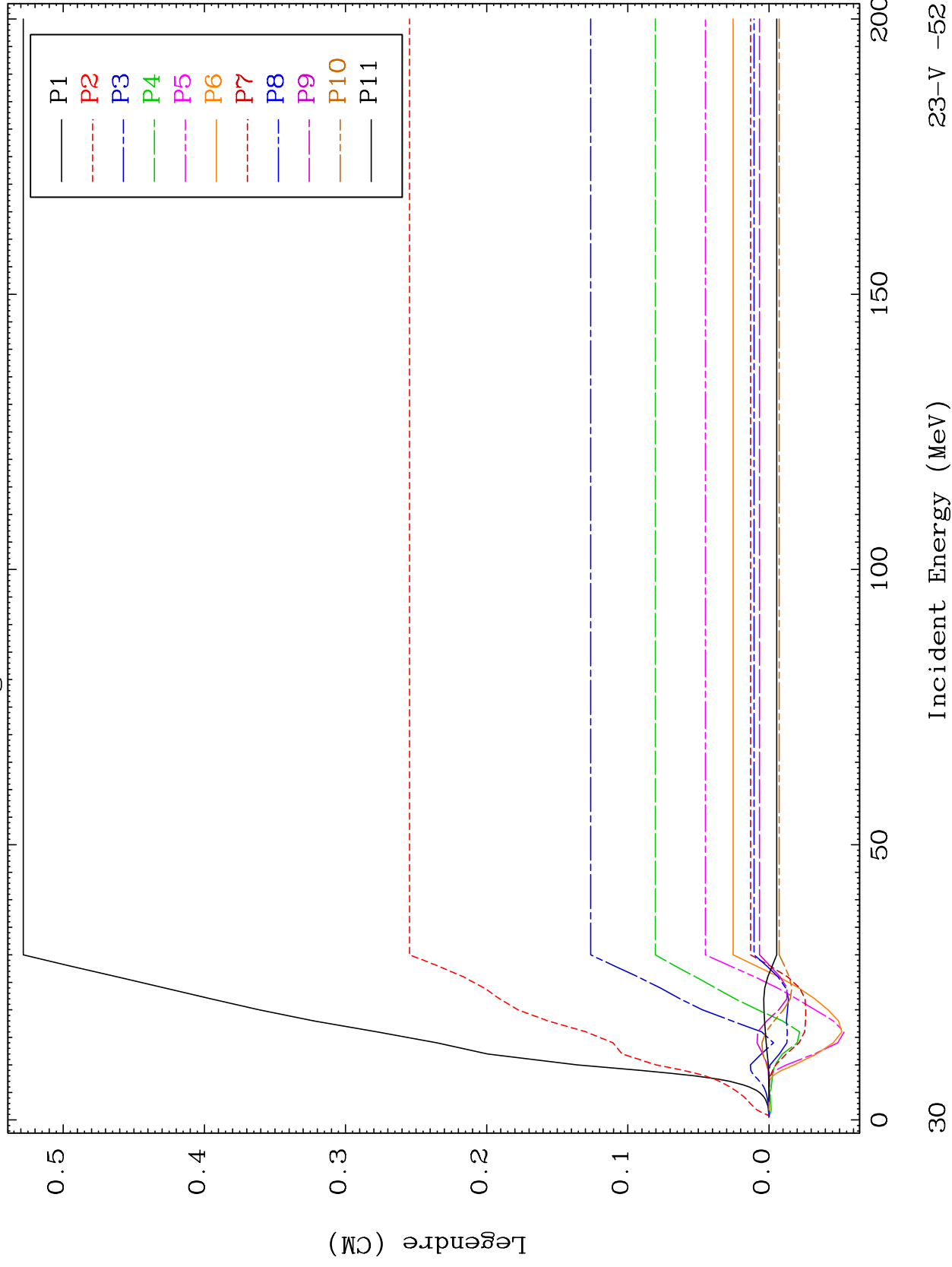
Incident Energy (MeV)

23-V -52

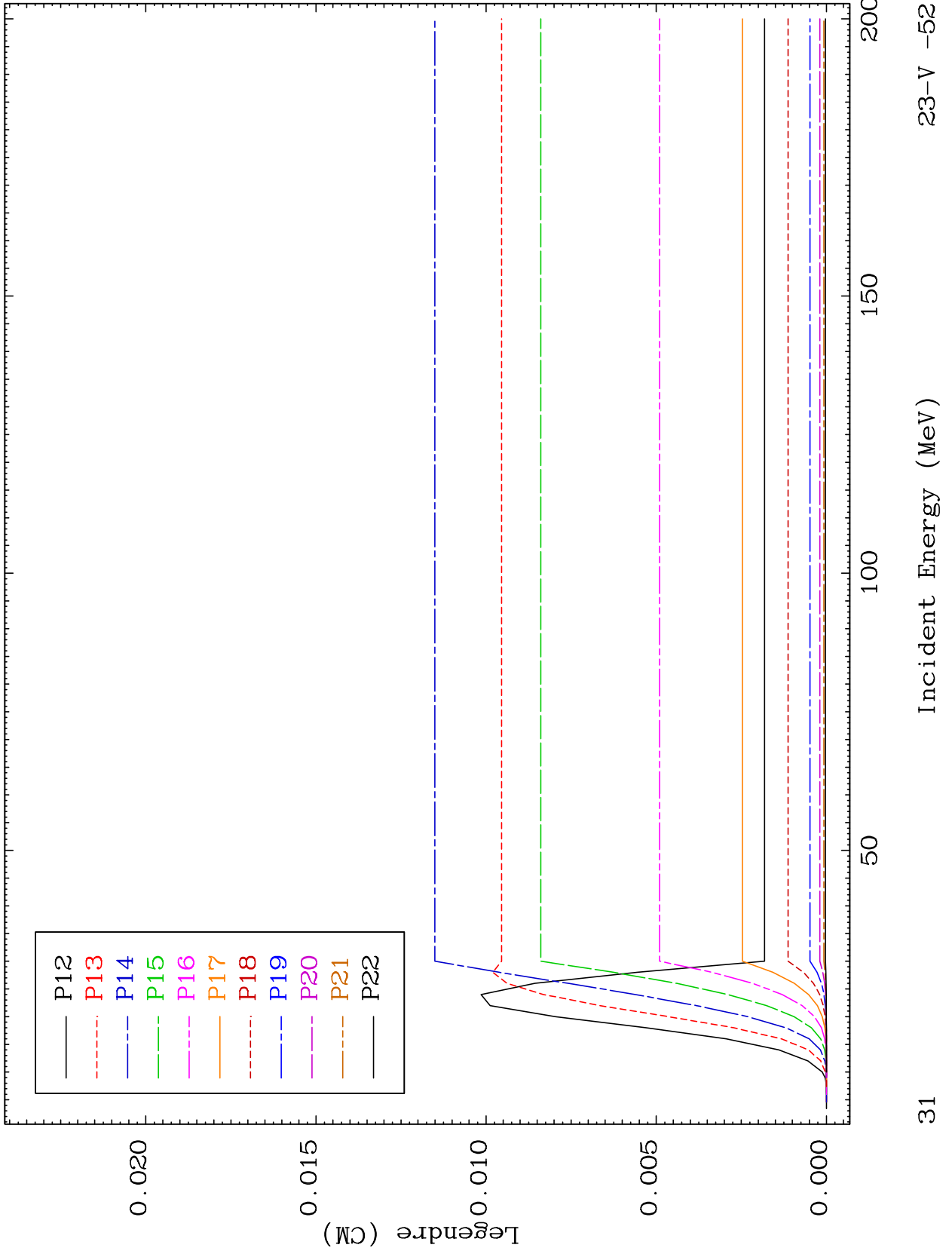
MAT 2331

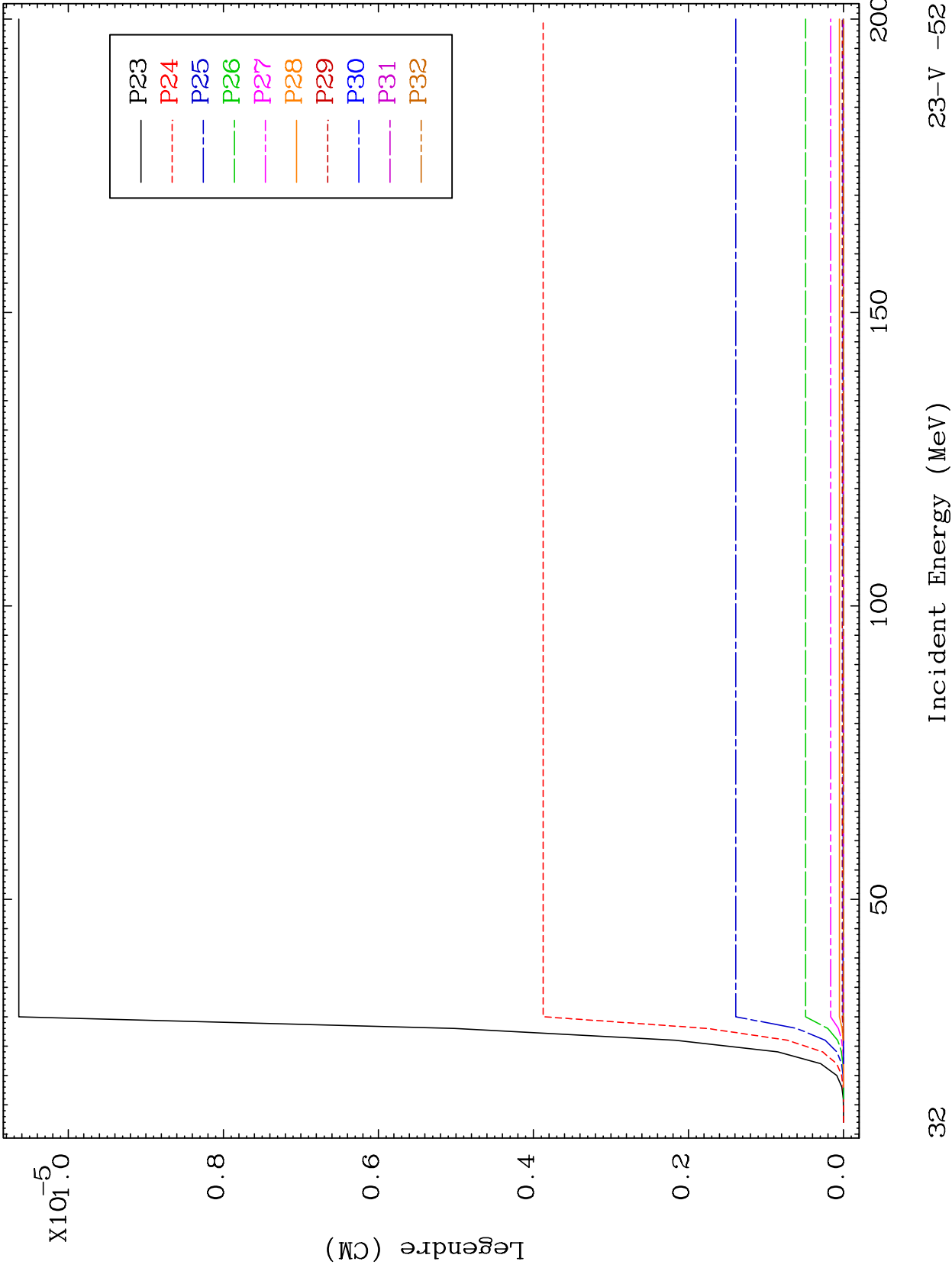
MT= 55 (n,n') Level
Legendre Coefficients

23-V -52



23-V -52

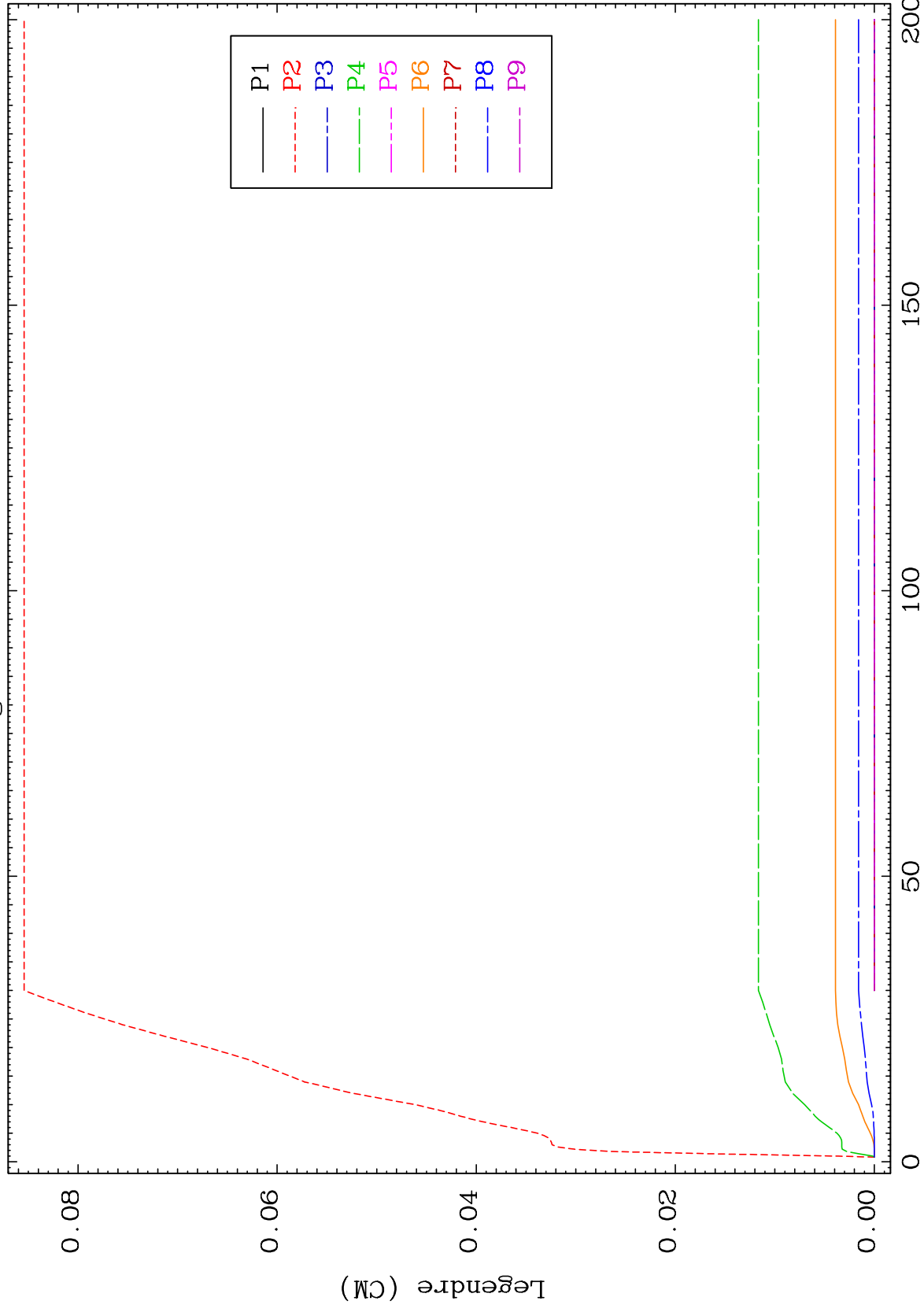




MAT 2331

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

23-V -52



33

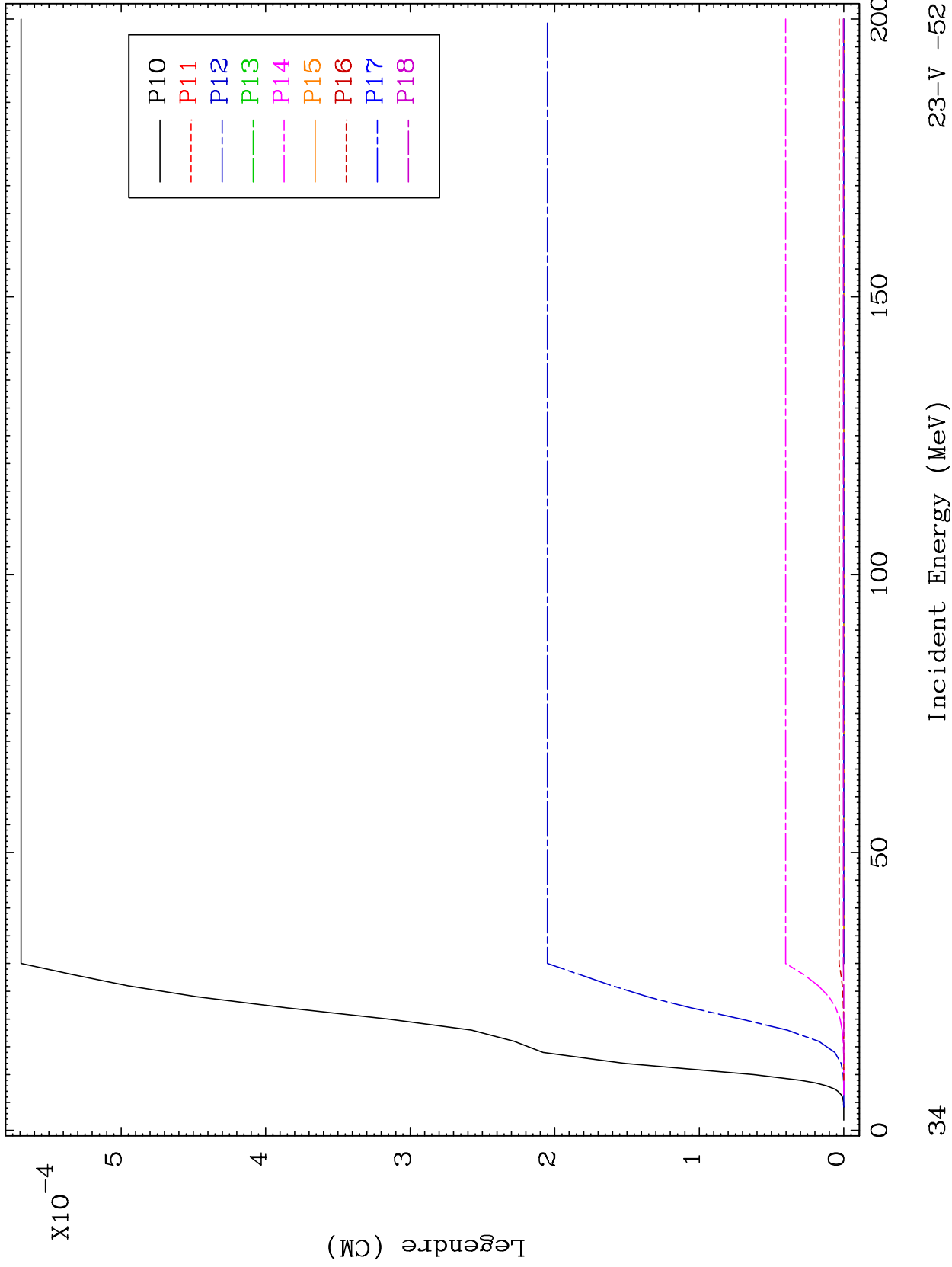
Incident Energy (MeV)

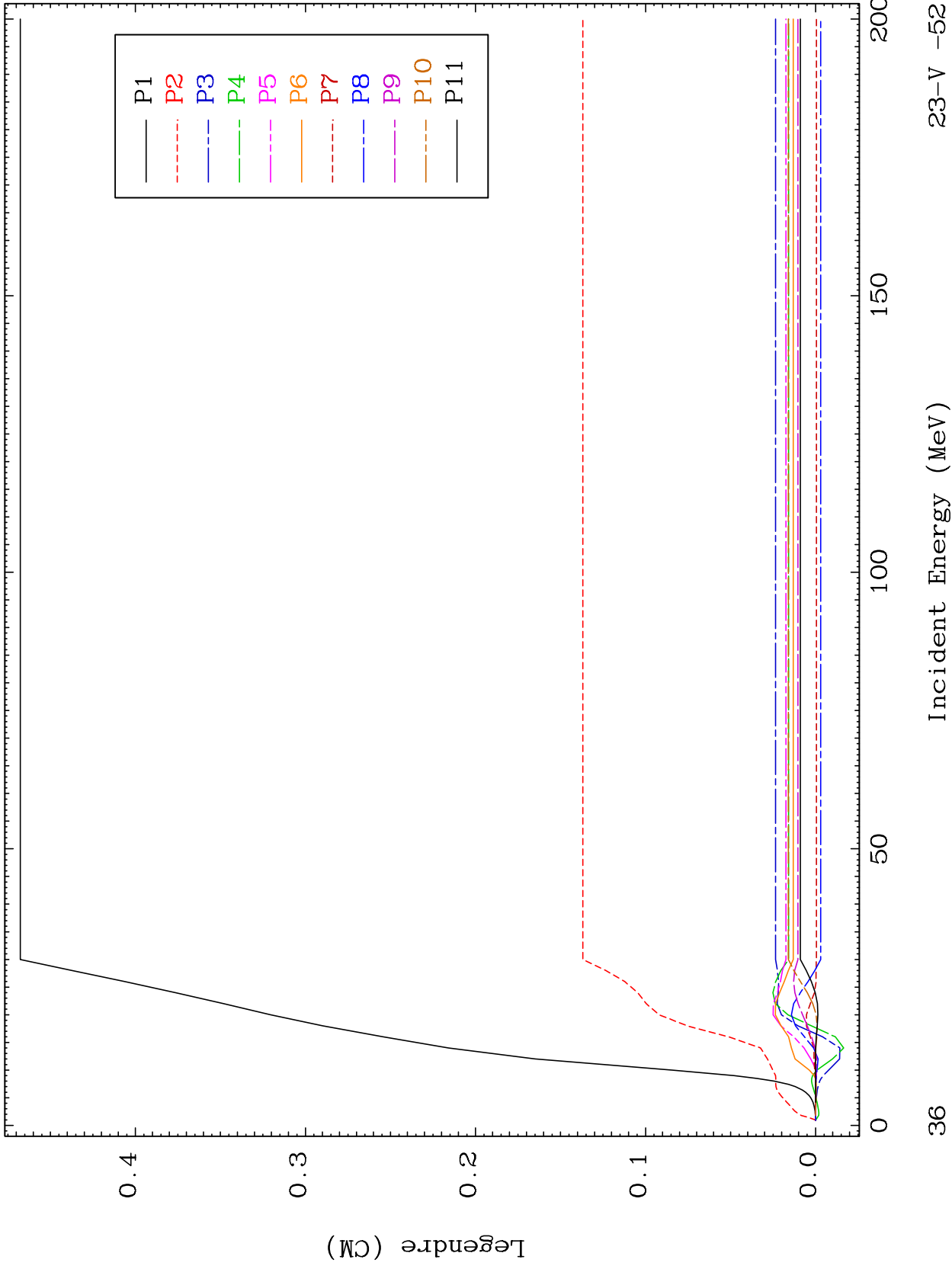
23-V -52

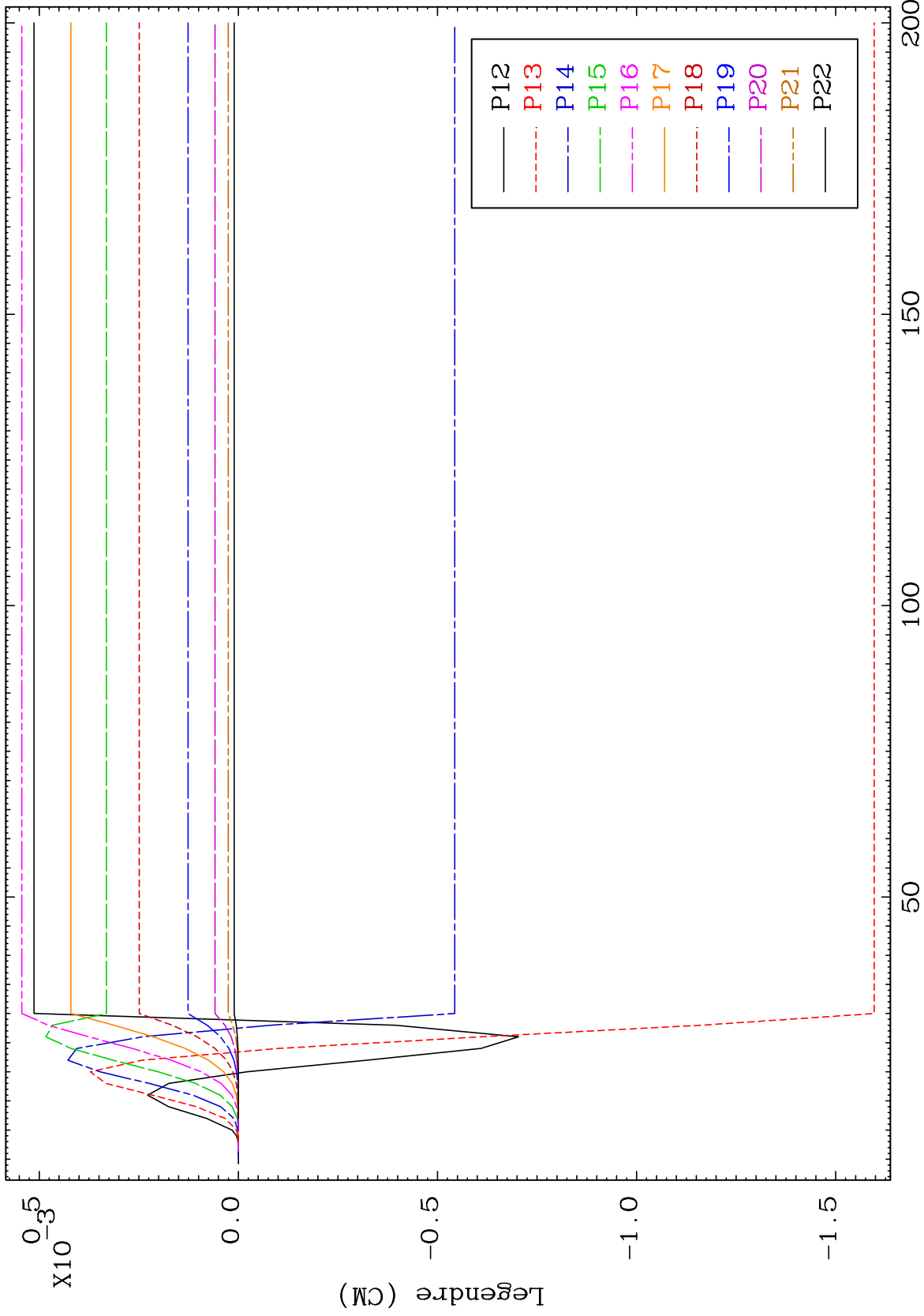
MAT 2331

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

23-V -52



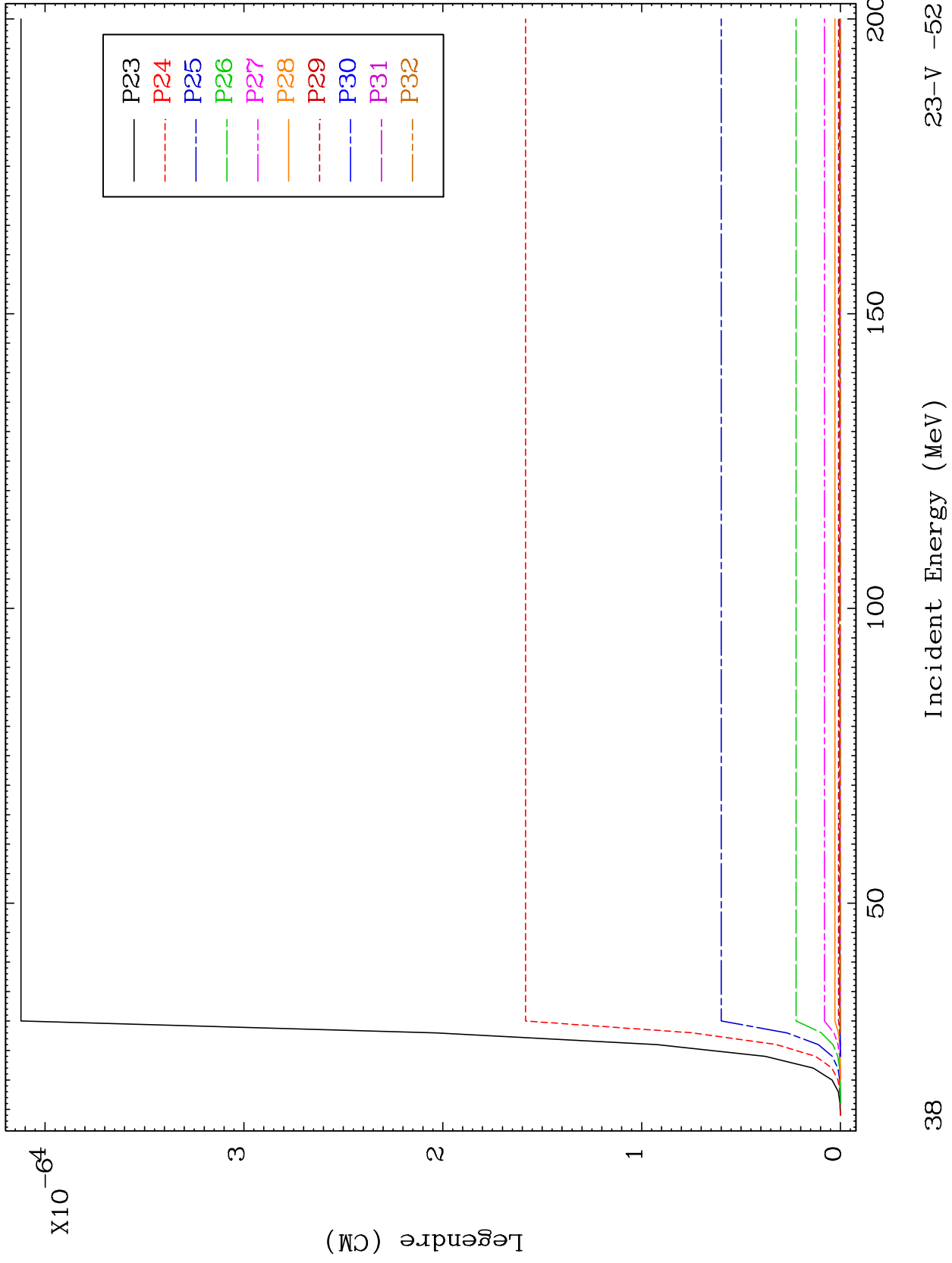




MAT 2331

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

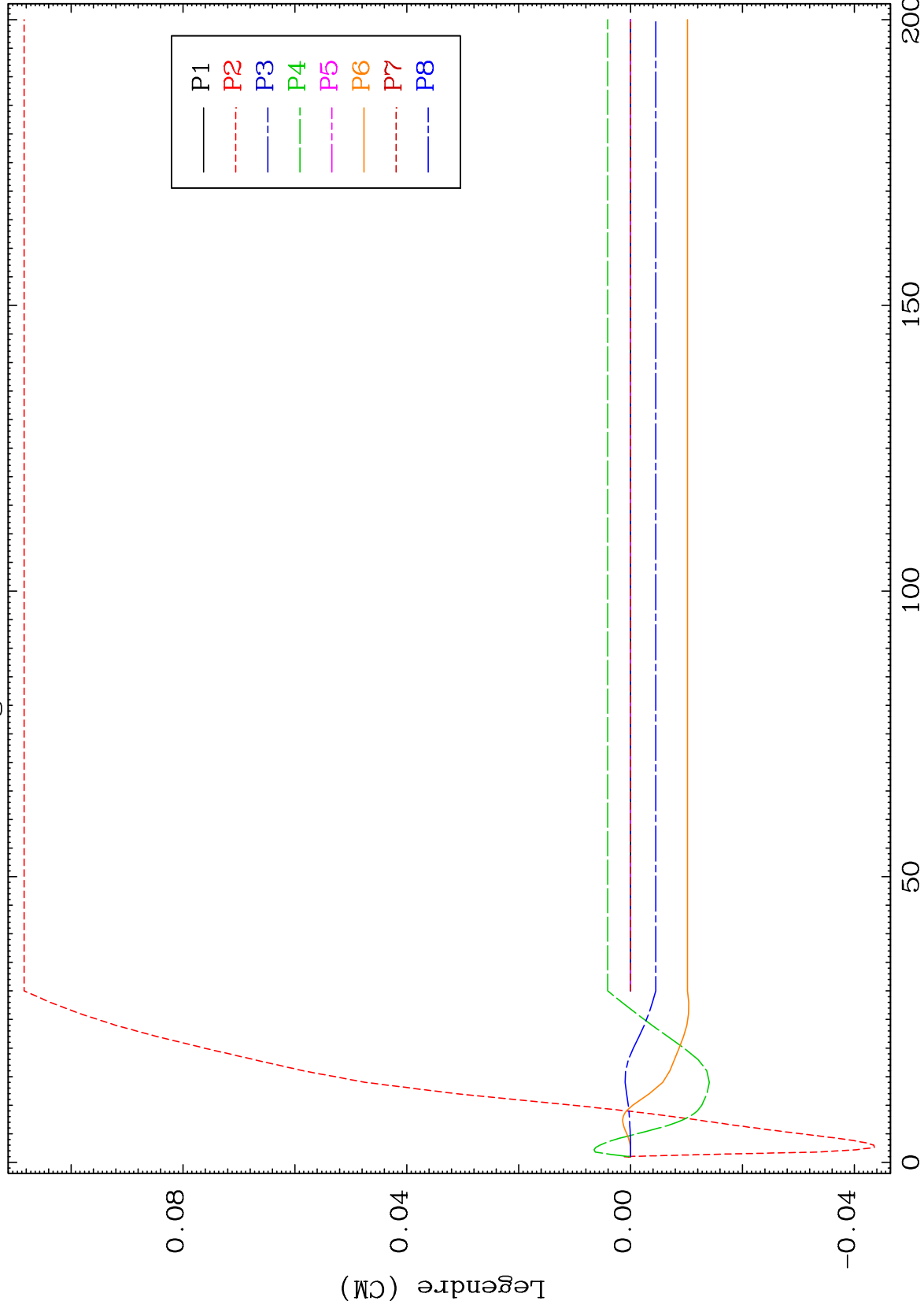
23-V -52



MAT 2331

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

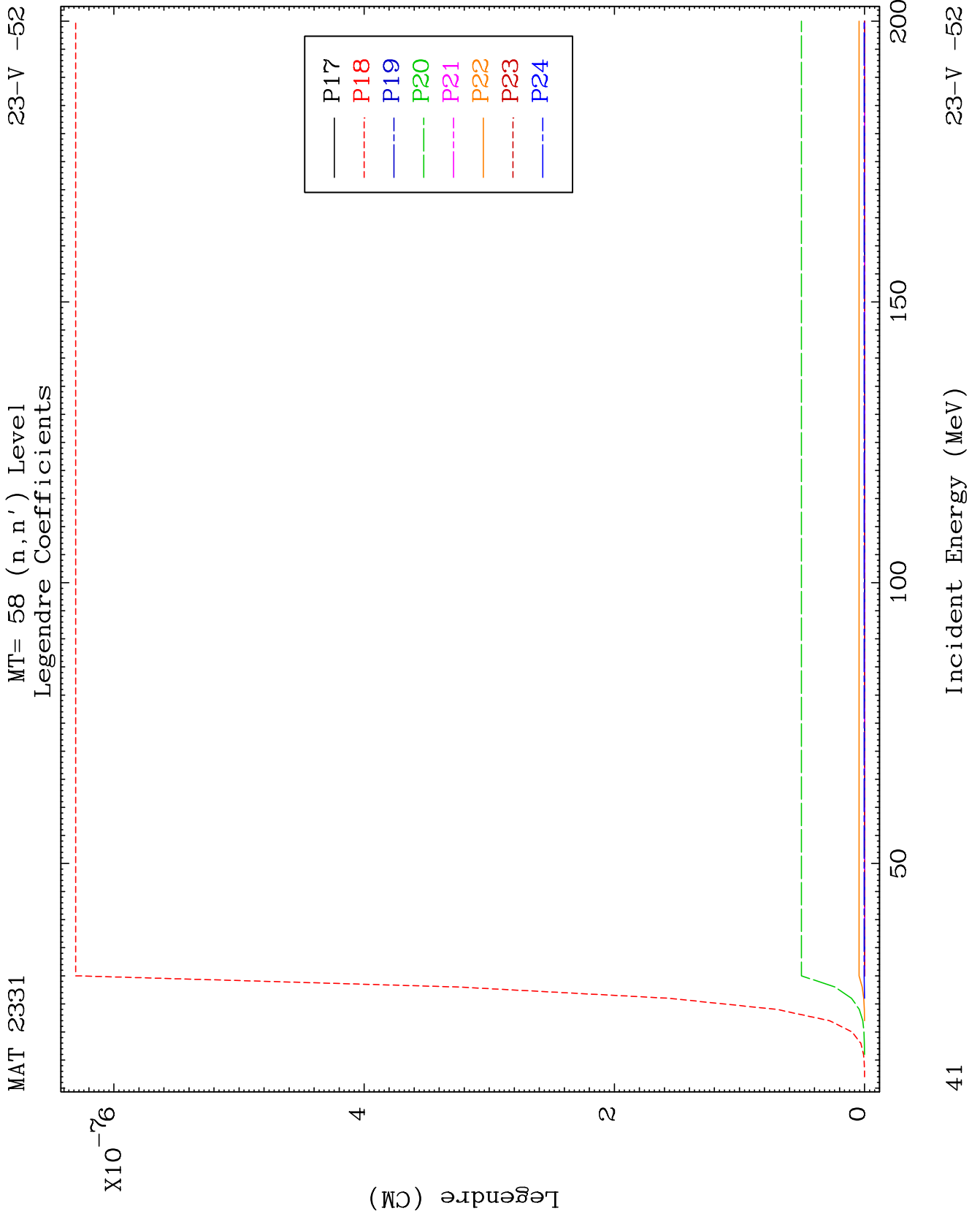
23-V -52



39

Incident Energy (MeV)

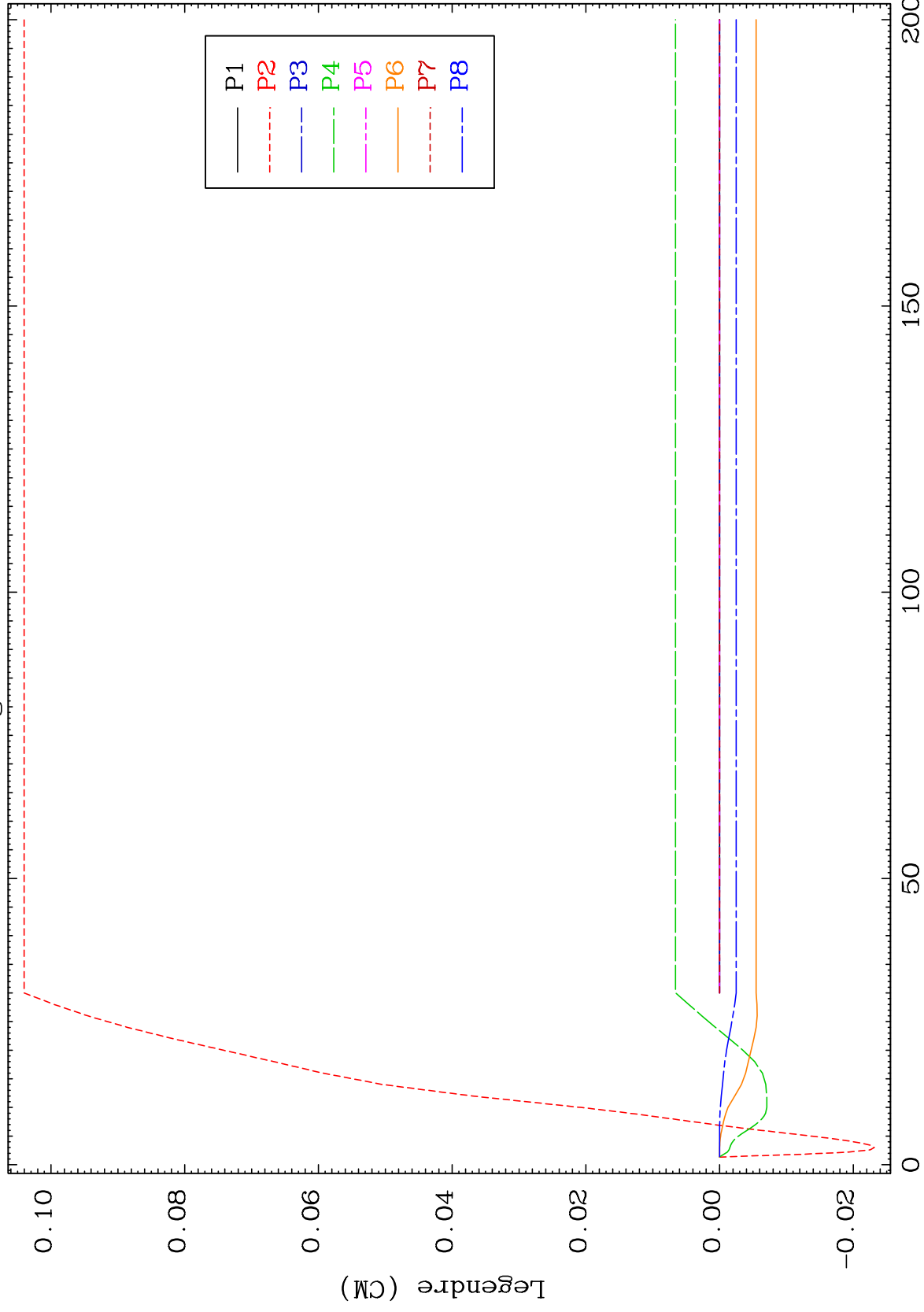
23-V -52



MAT 2331

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

23-V -52



42

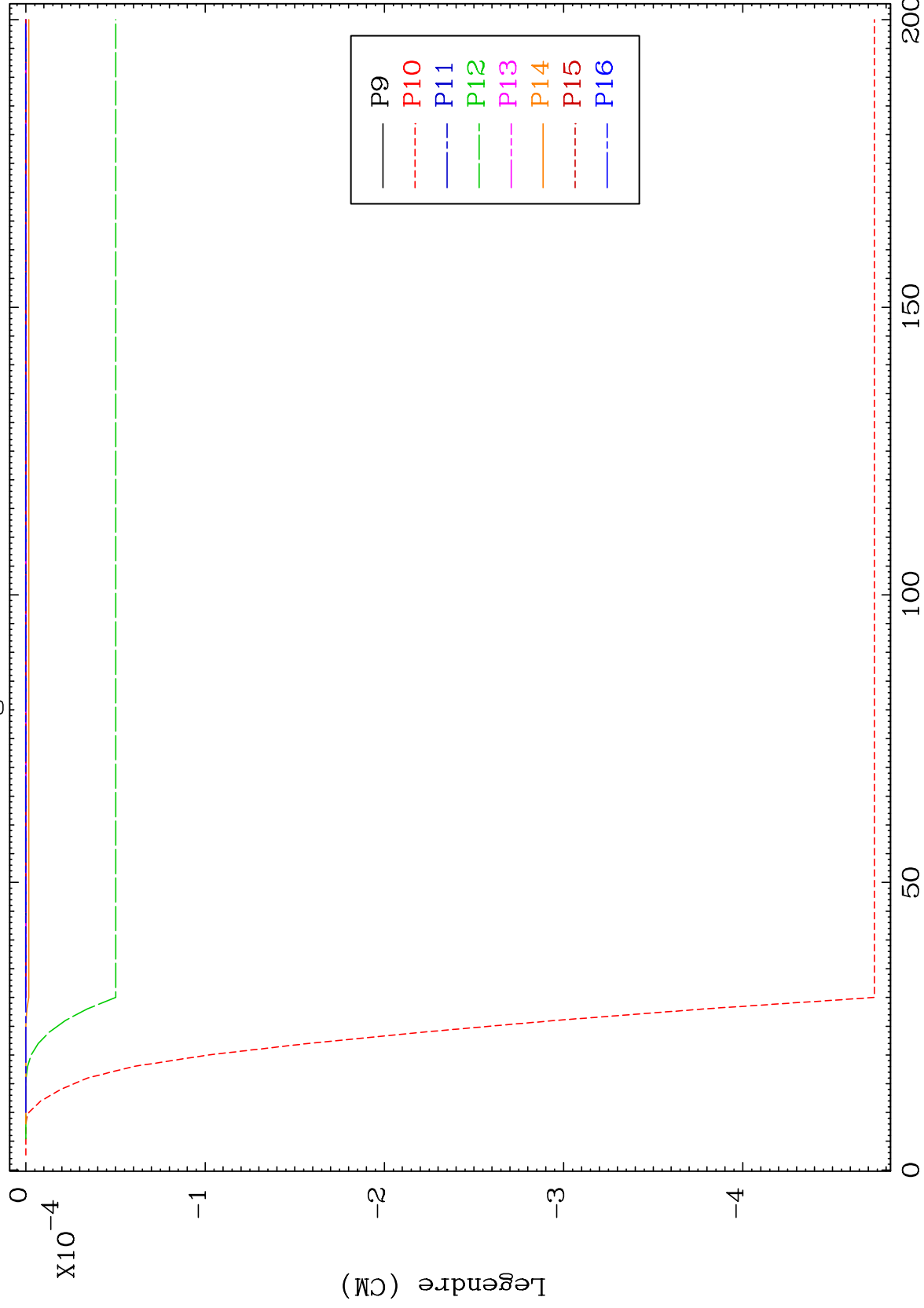
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



43

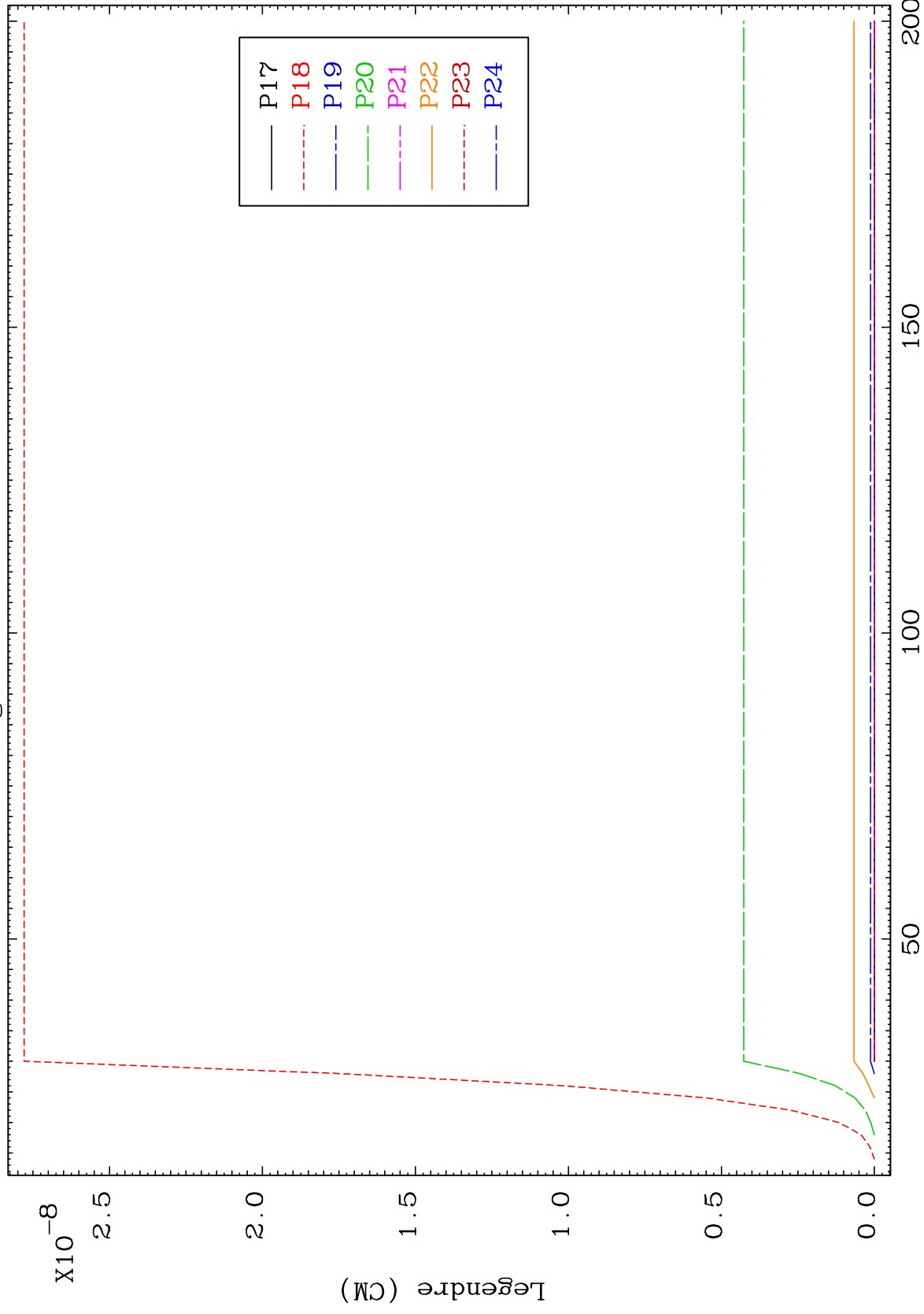
Incident Energy (MeV)

23-V -52

MAT 2331

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

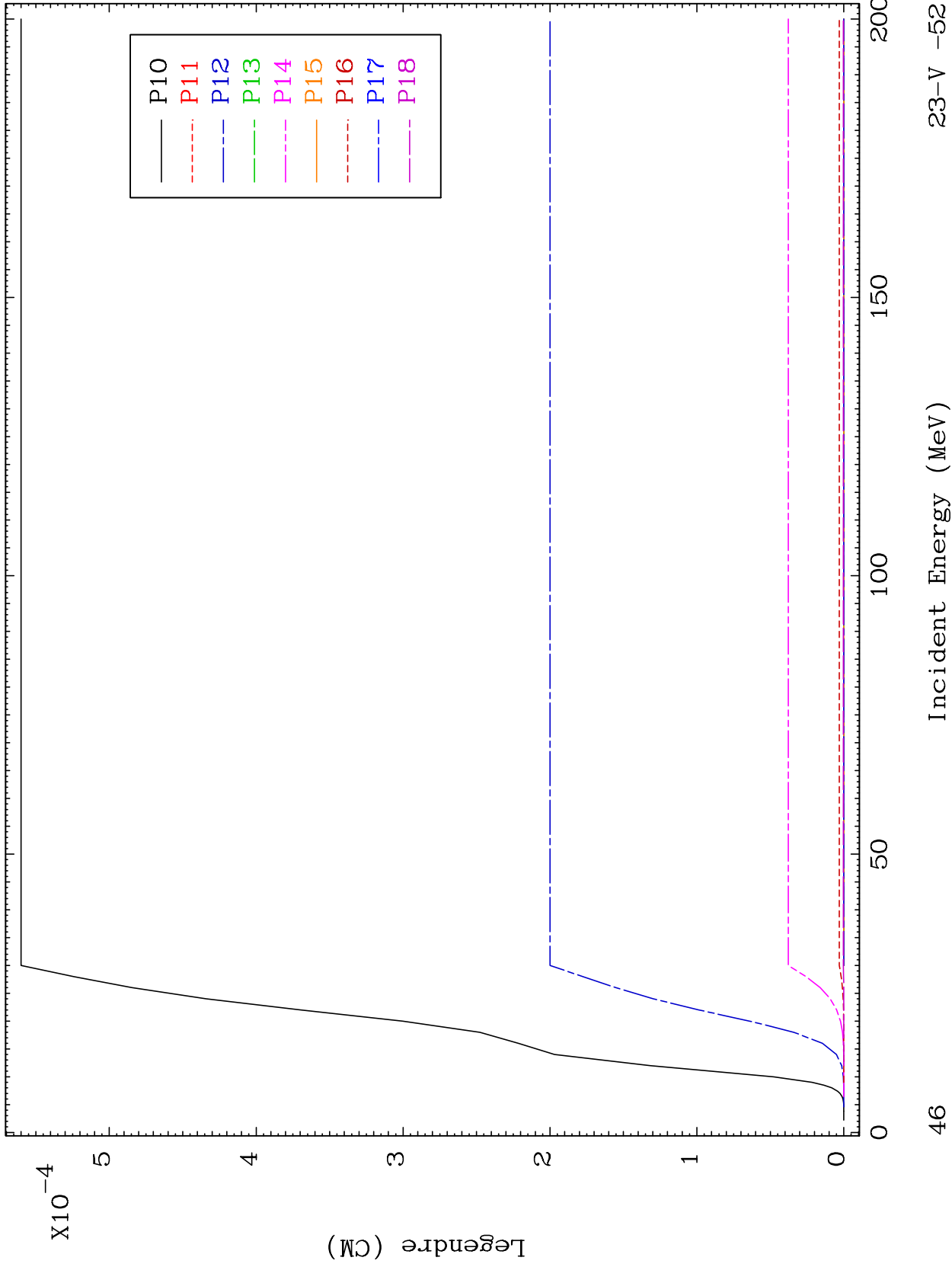
23-V -52

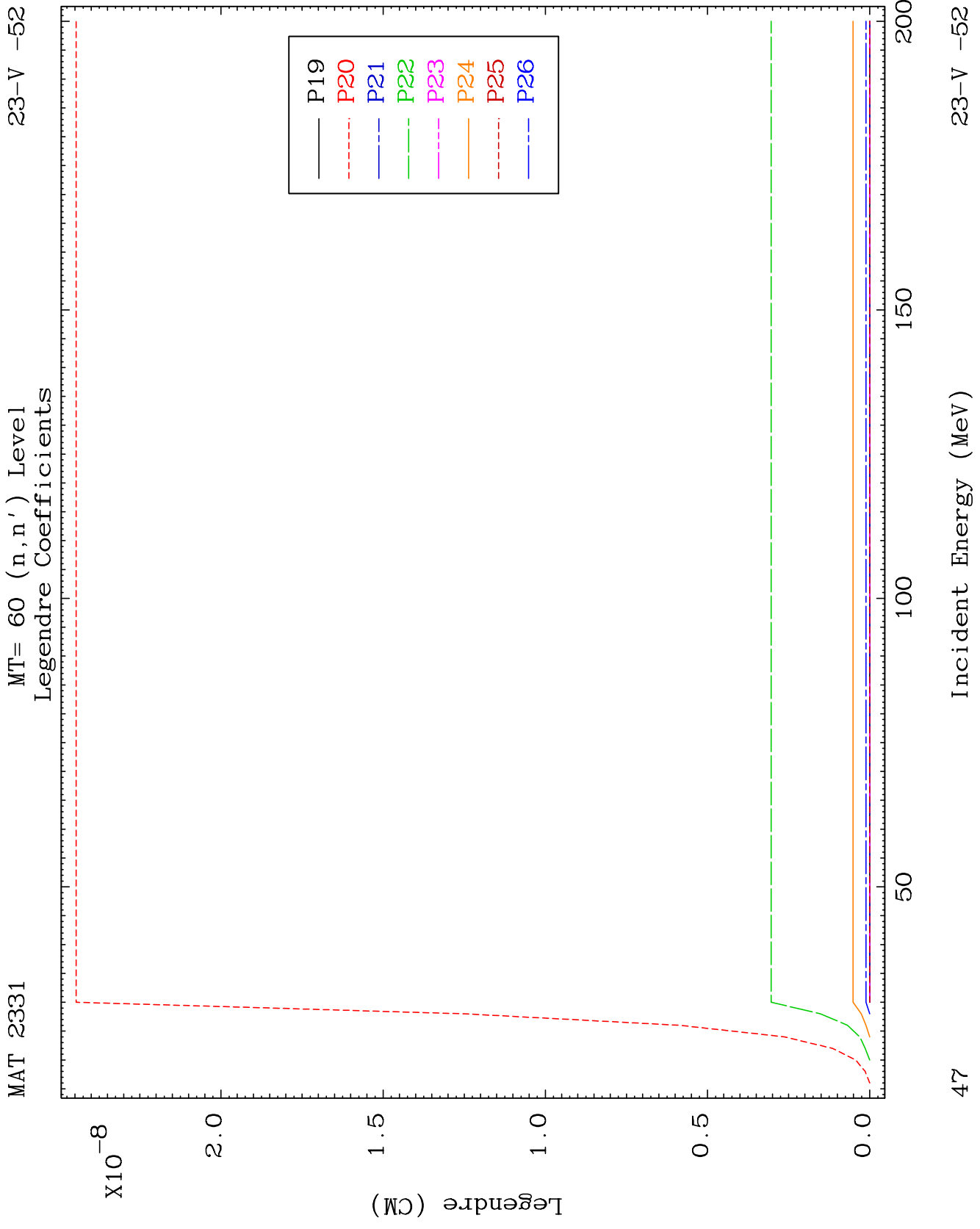


44

Incident Energy (MeV)

23-V -52

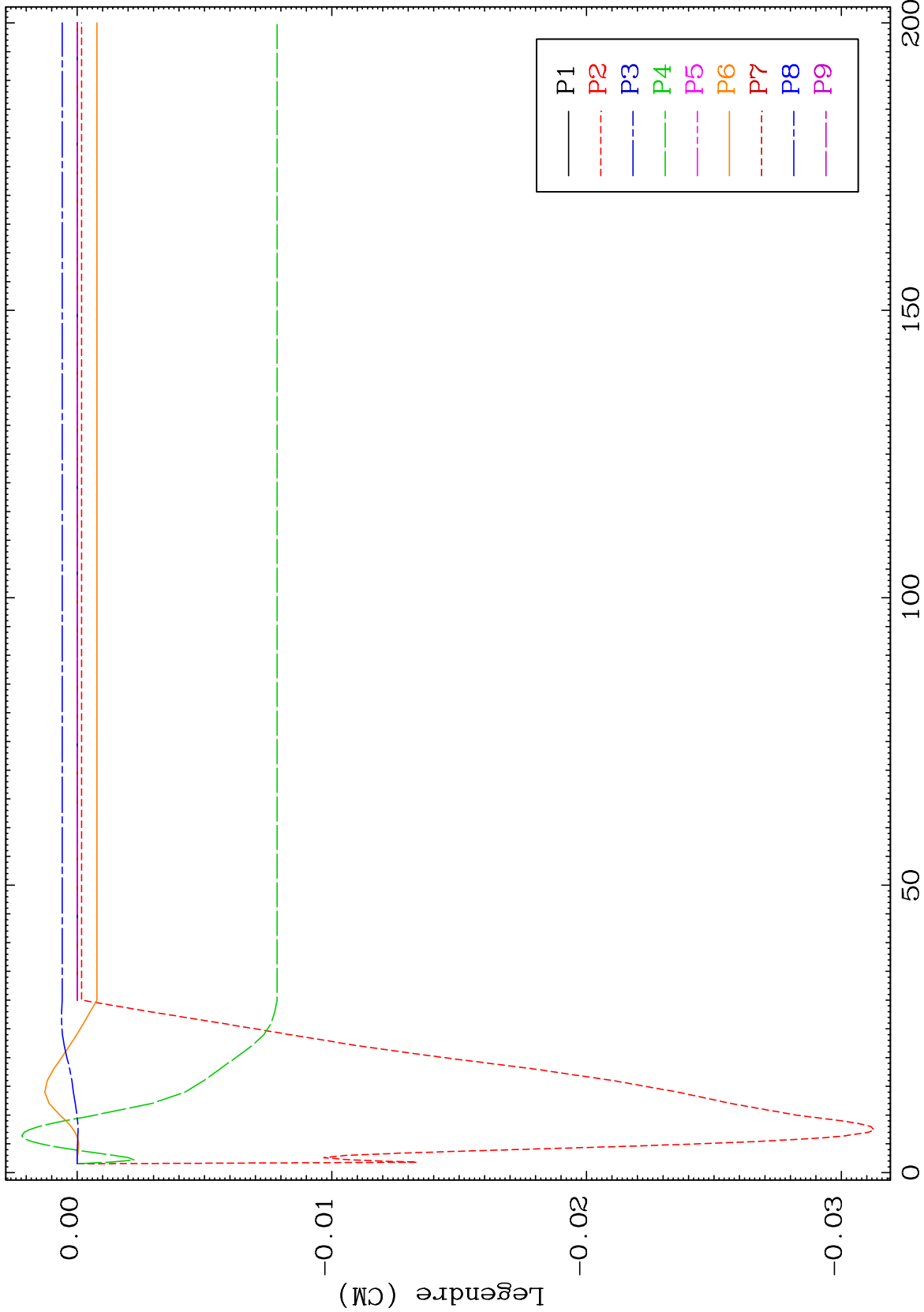




MAT 2331

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

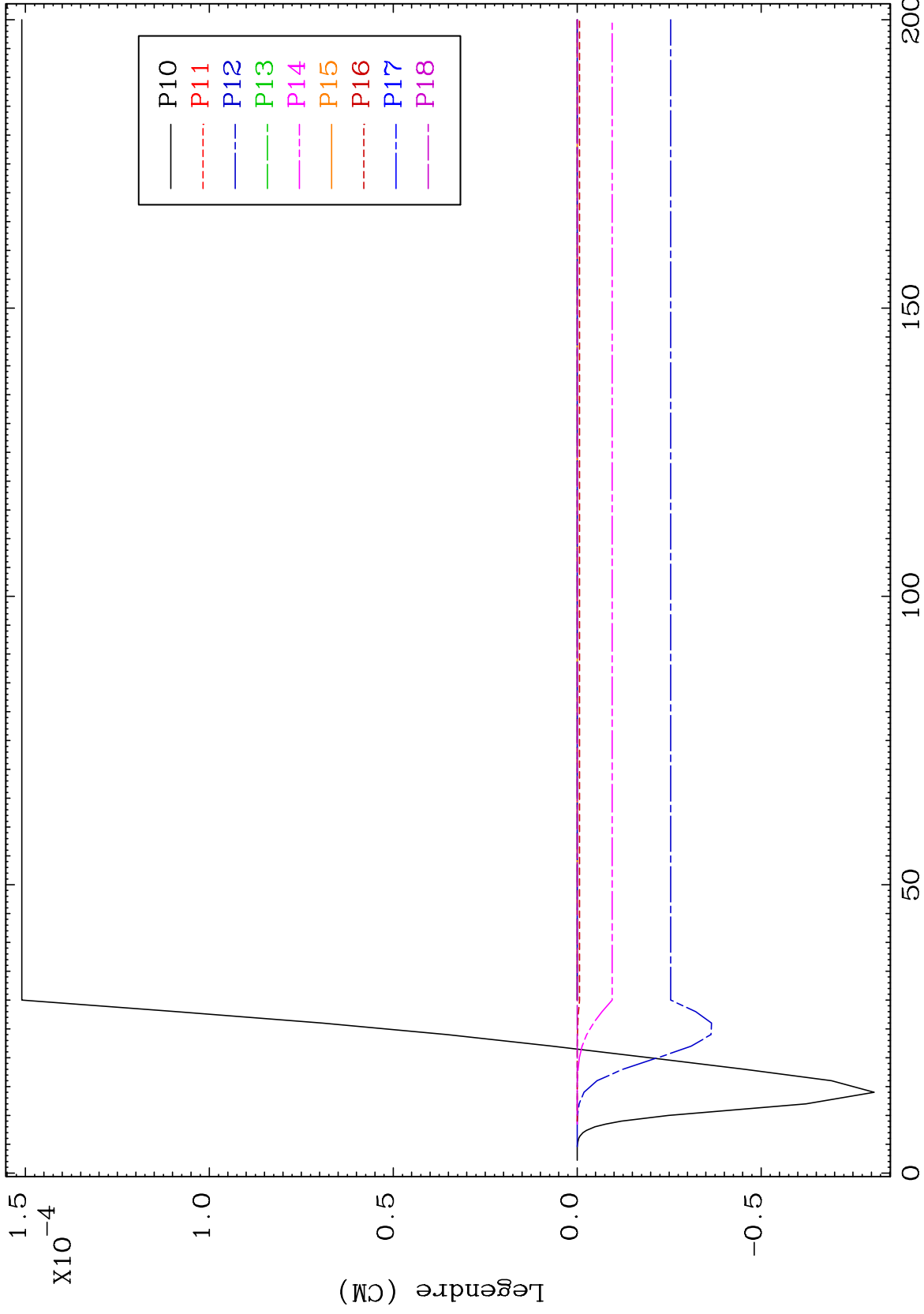
23-V -52

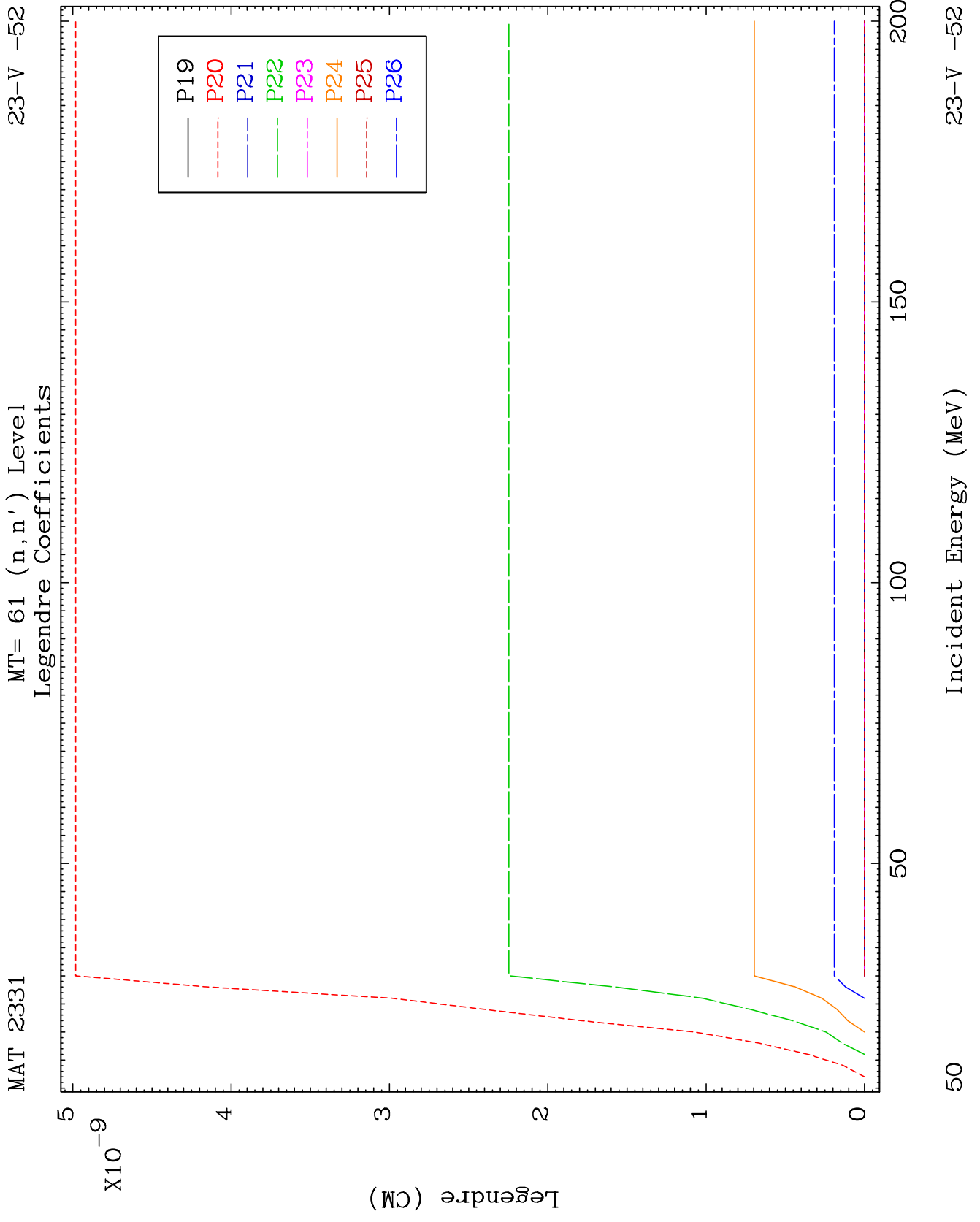


23-V -52

Incident Energy (MeV)

48

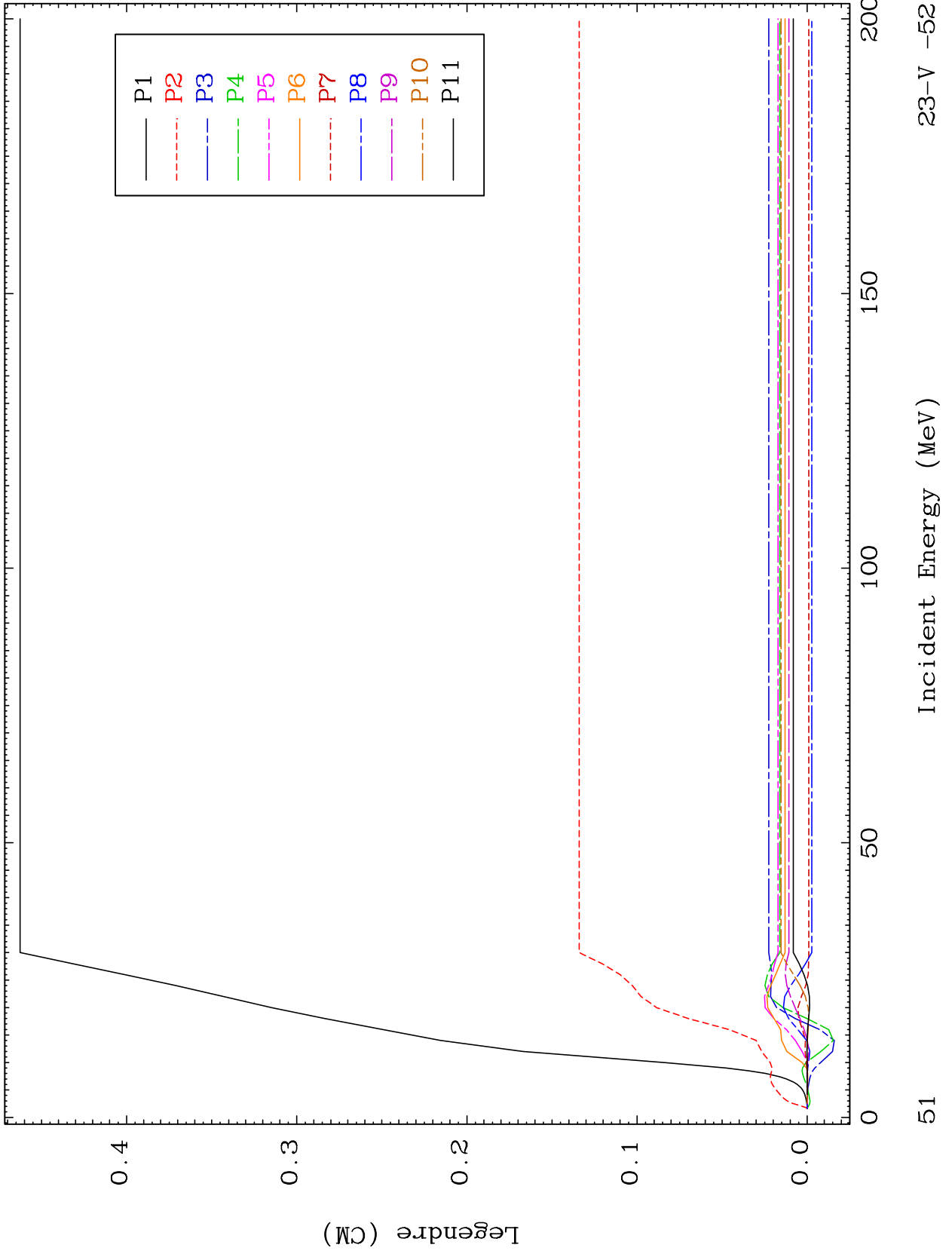


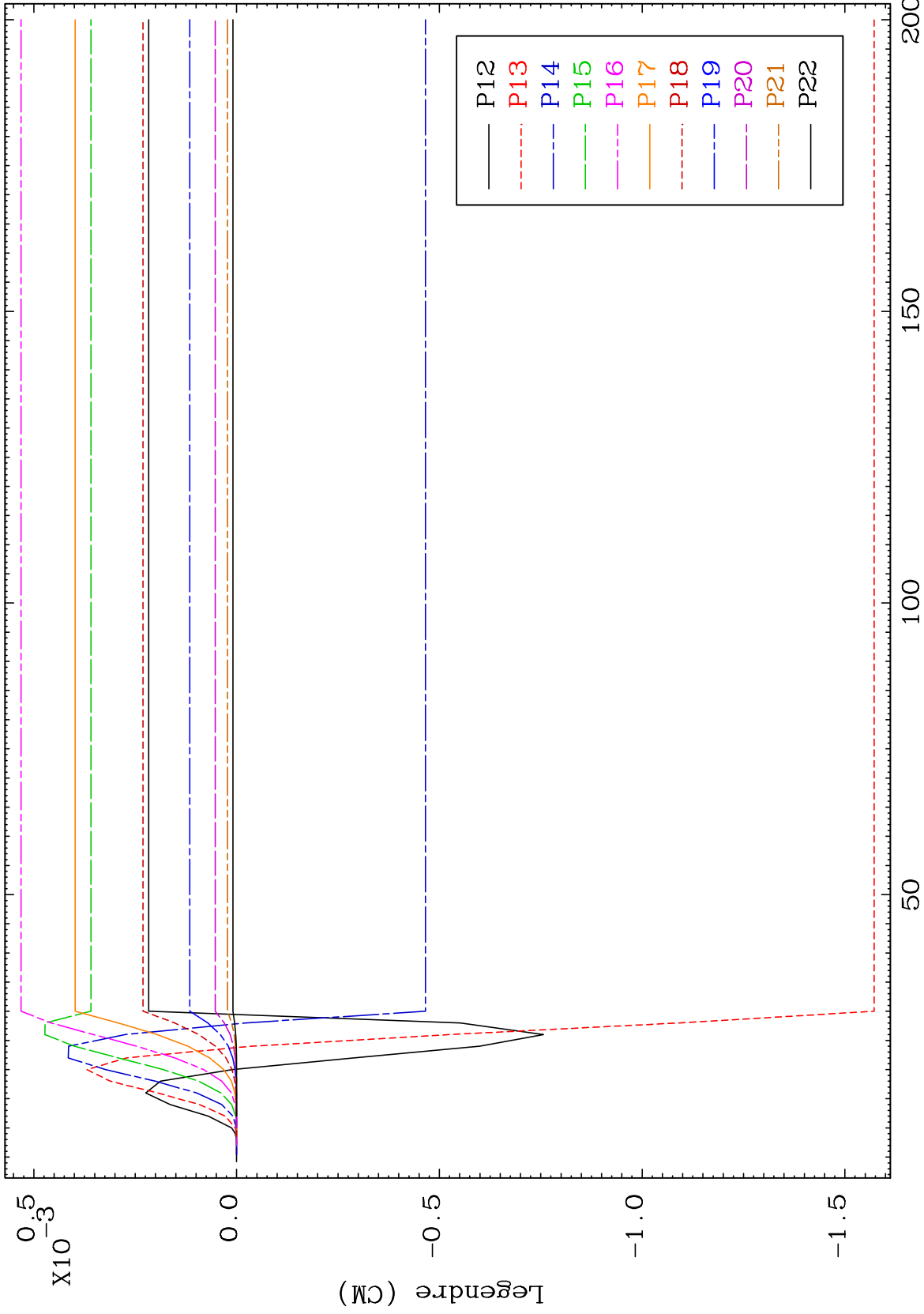


MAT 2331

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

23-V -52

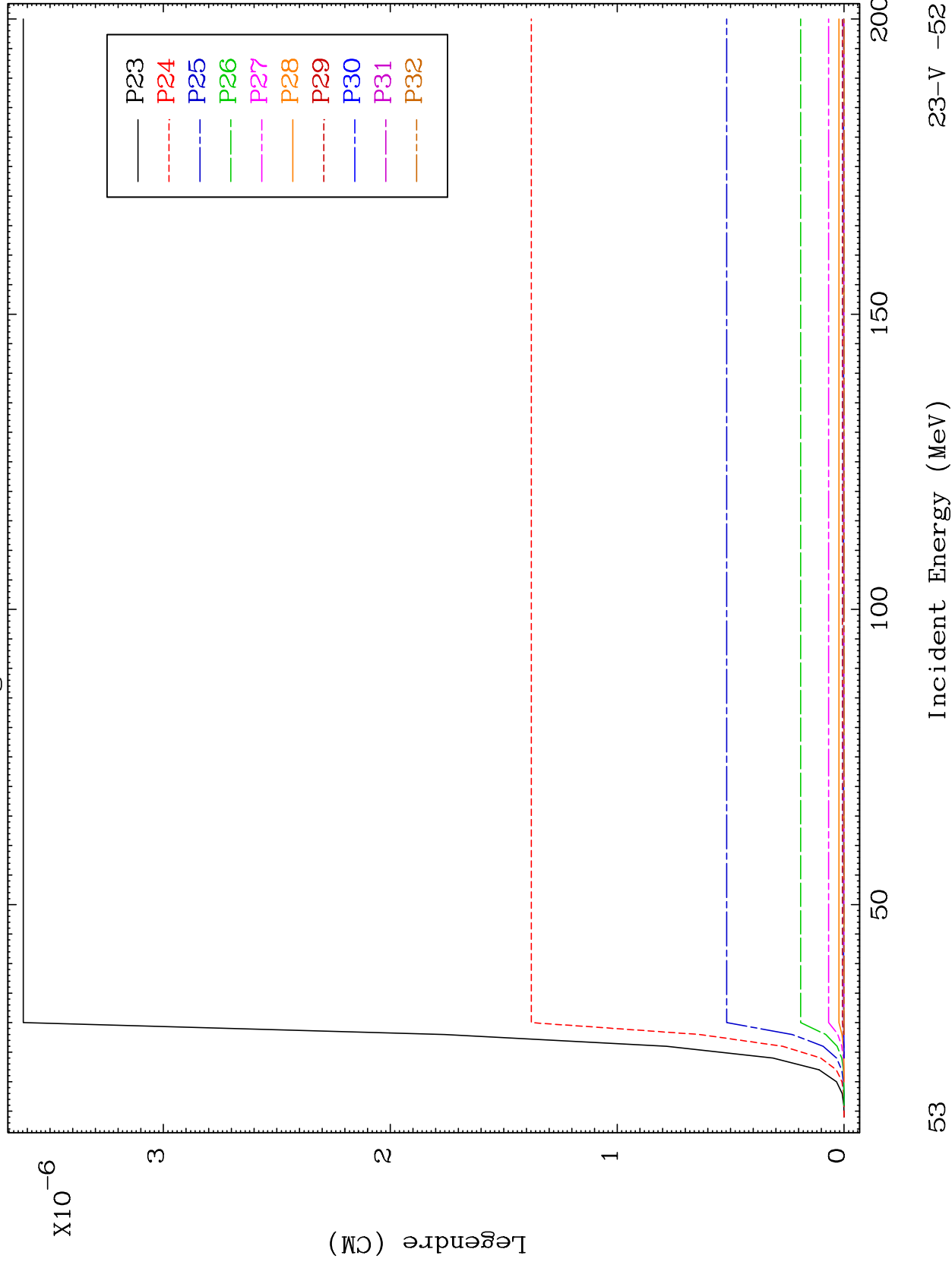




MAT 2331

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

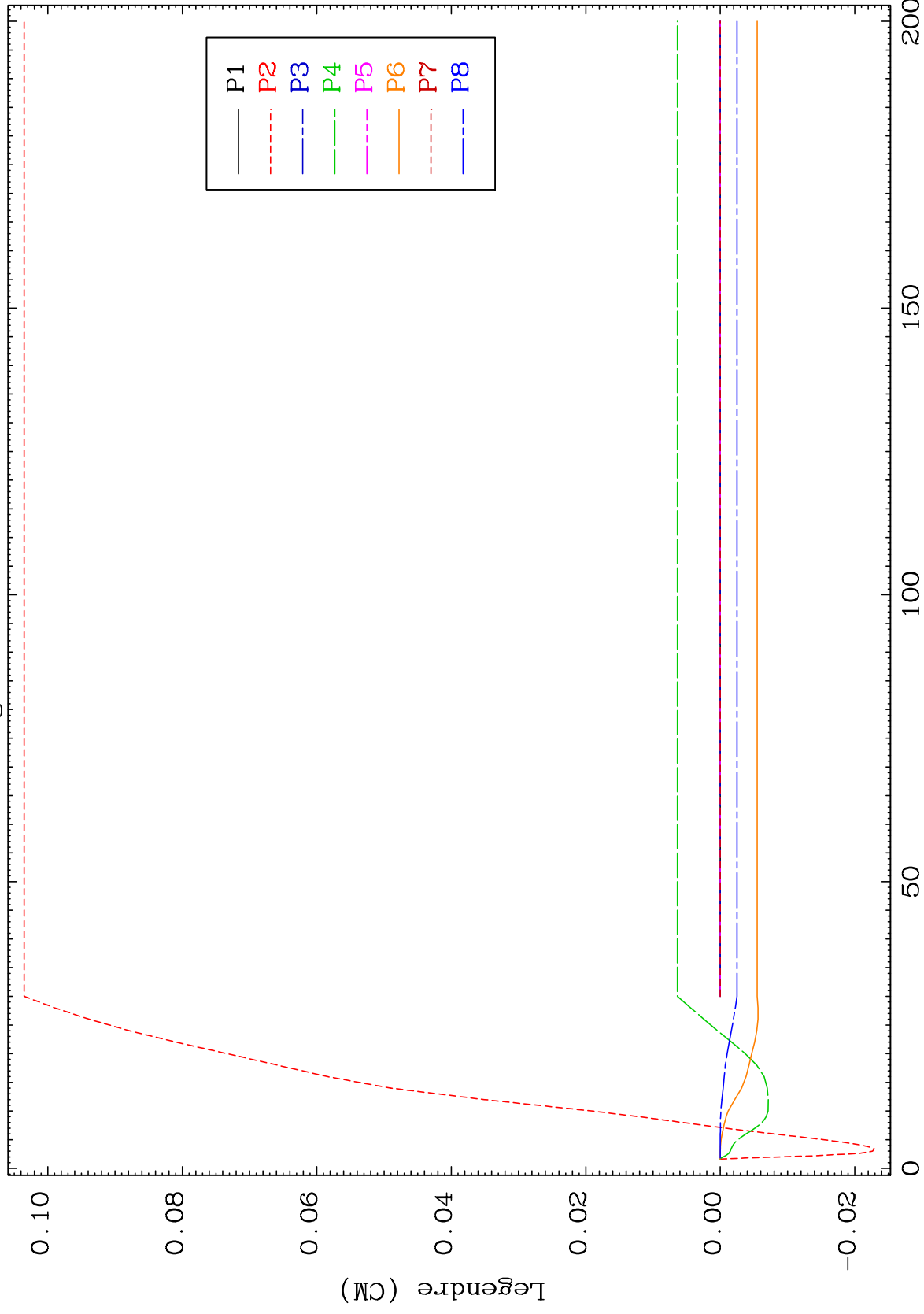
23-V -52



MAT 2331

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

23-V -52



54

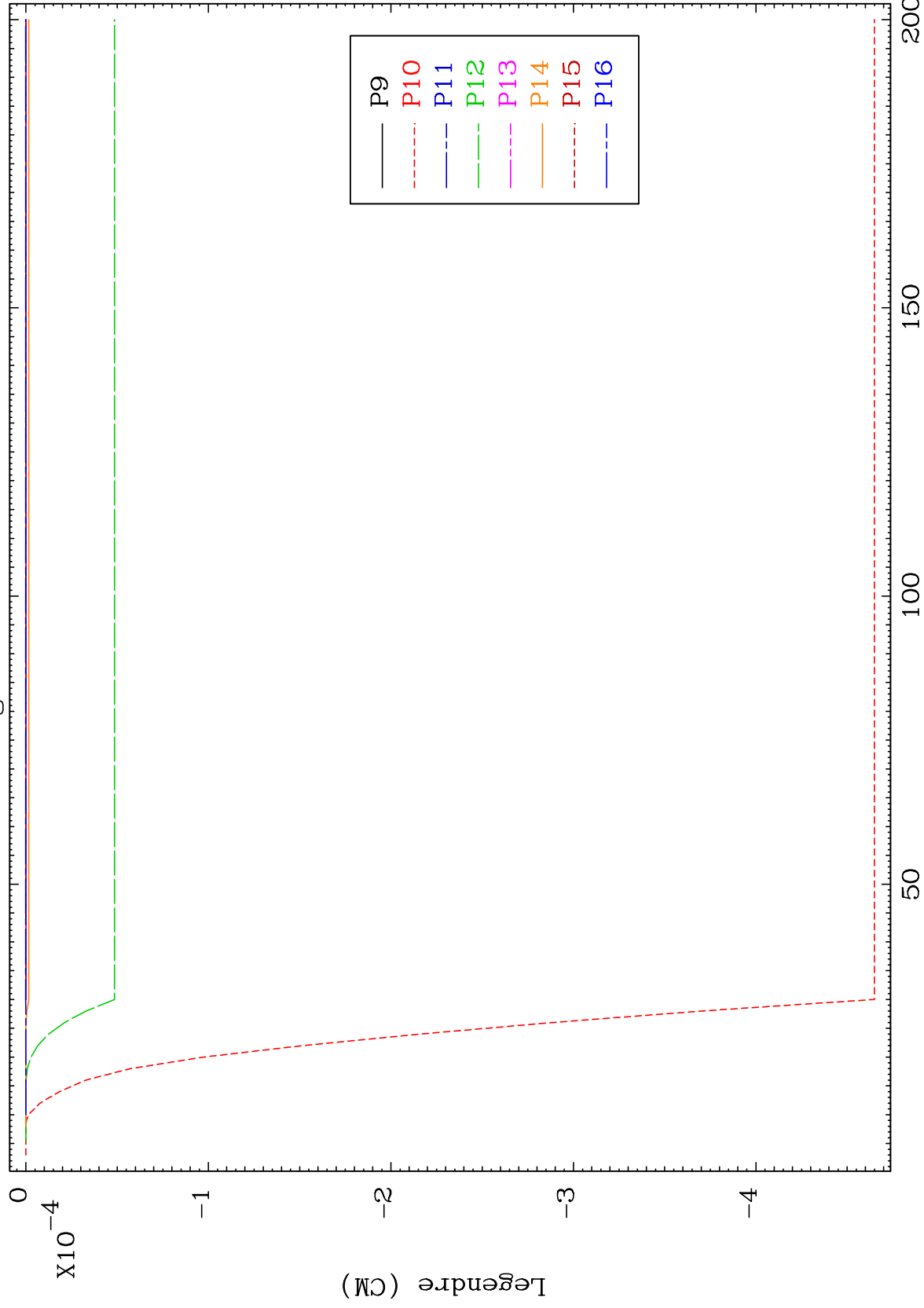
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



55

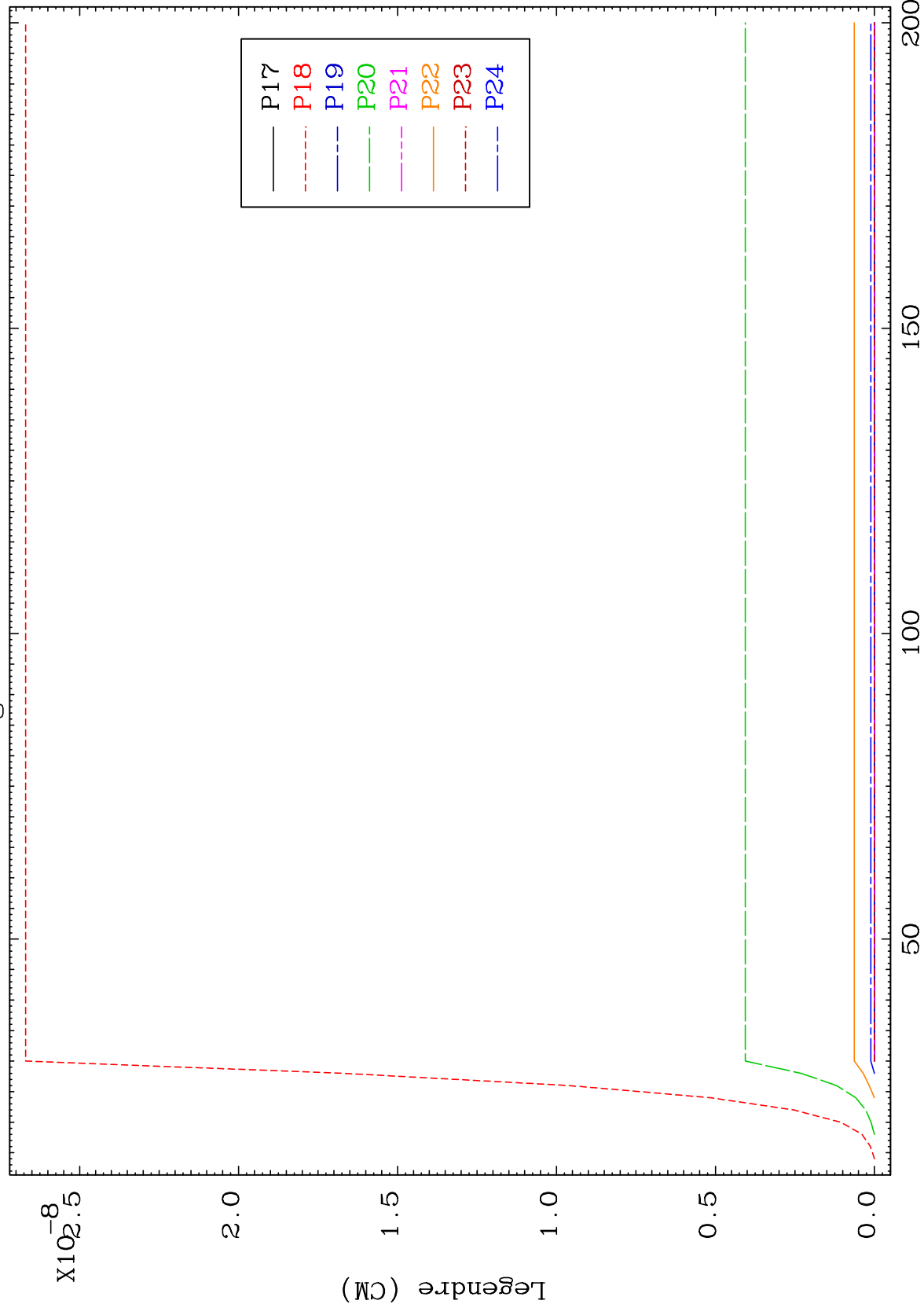
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



23-V -52

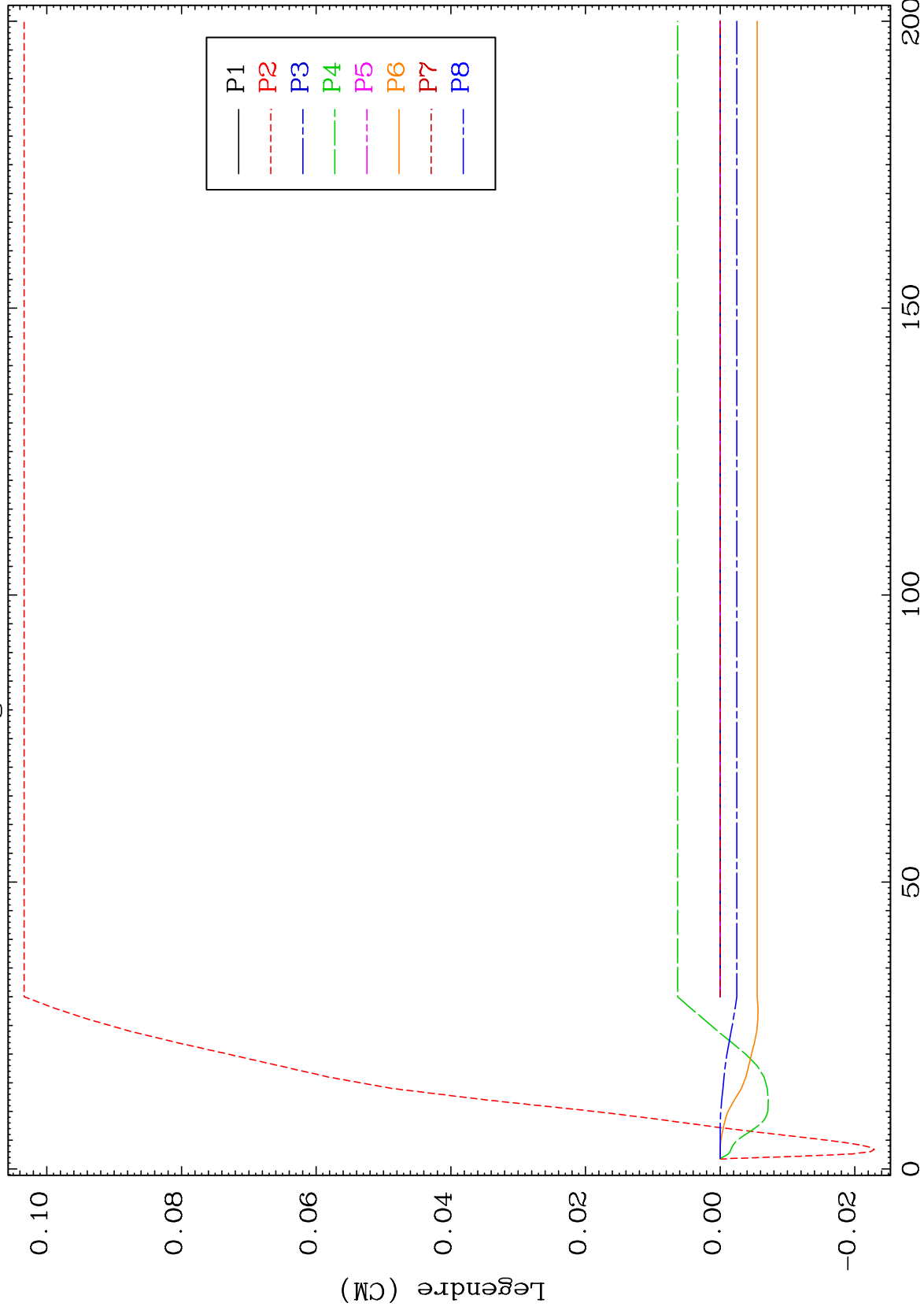
Incident Energy (MeV)

56

MAT 2331

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

23-V -52



57

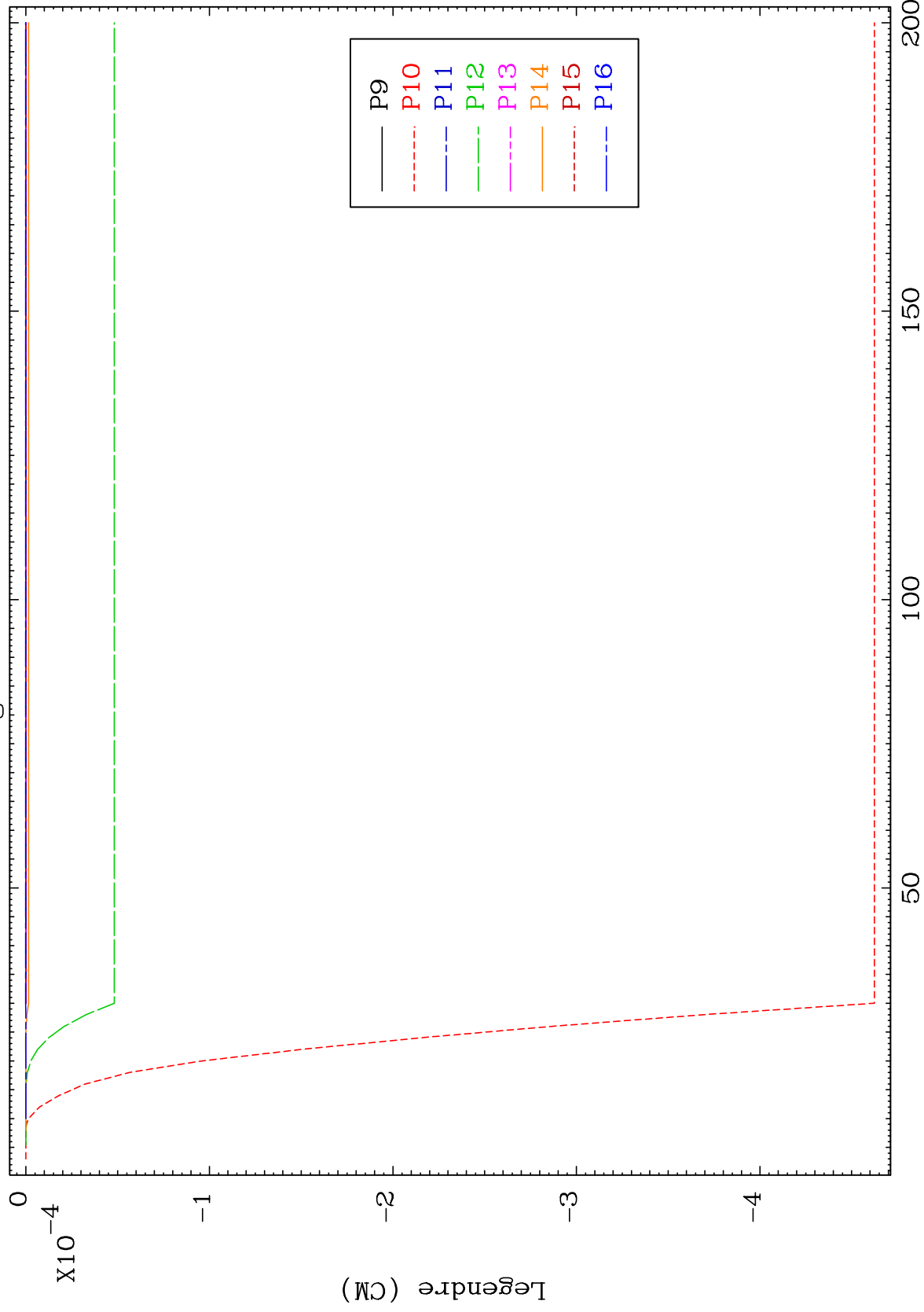
Incident Energy (MeV)

23-V -52

MAT 2331

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

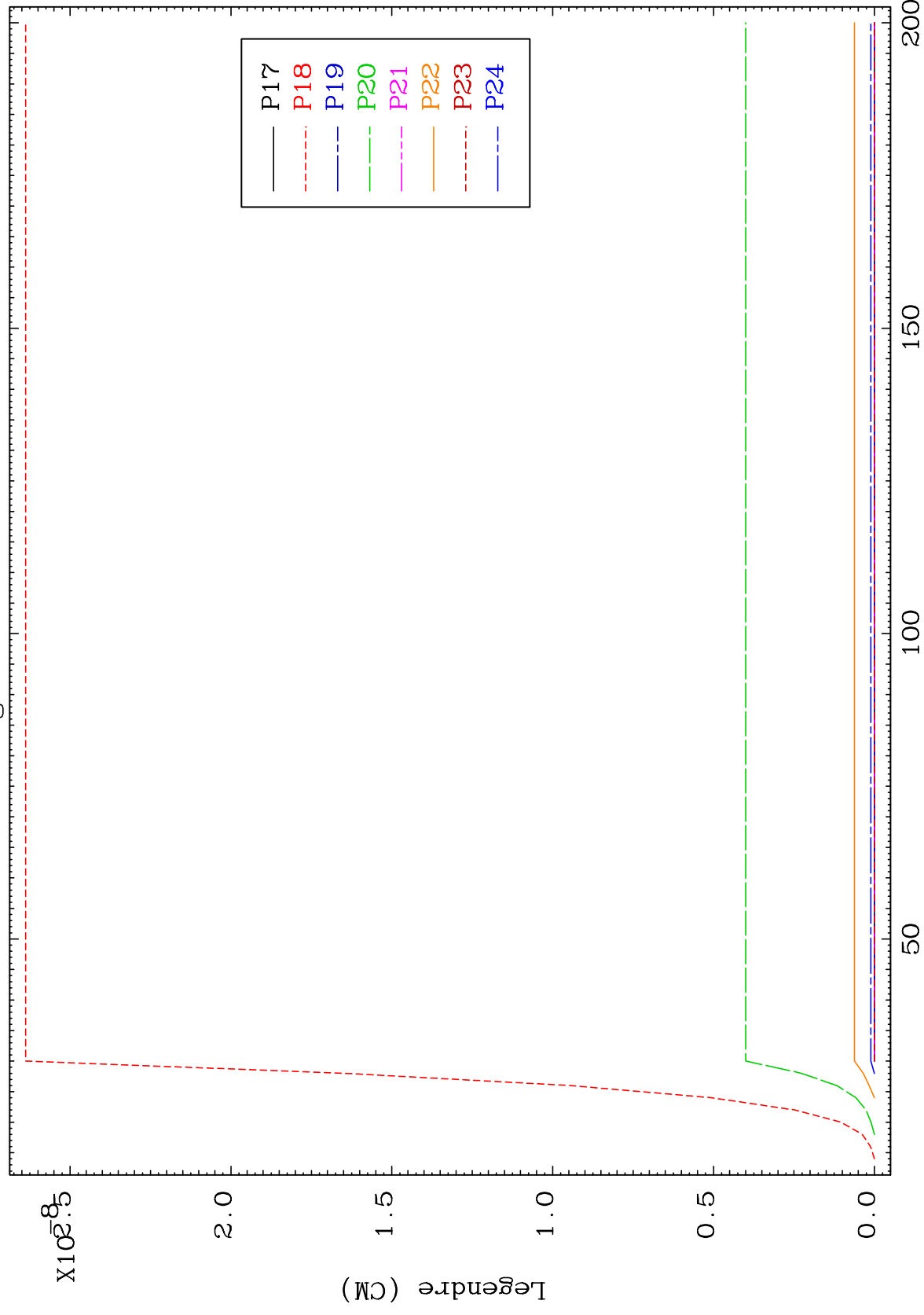
23-V -52



58

Incident Energy (MeV)

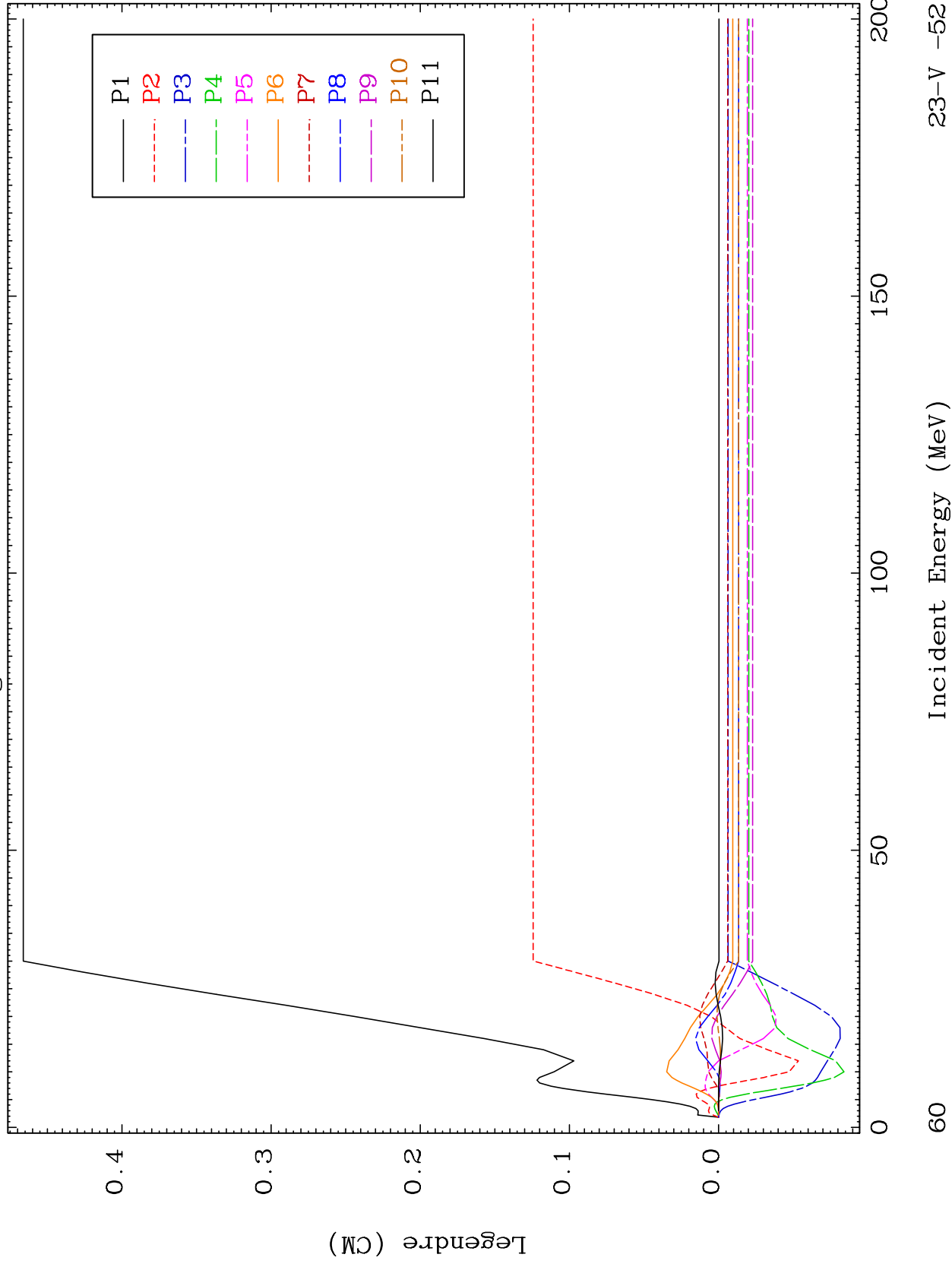
23-V -52



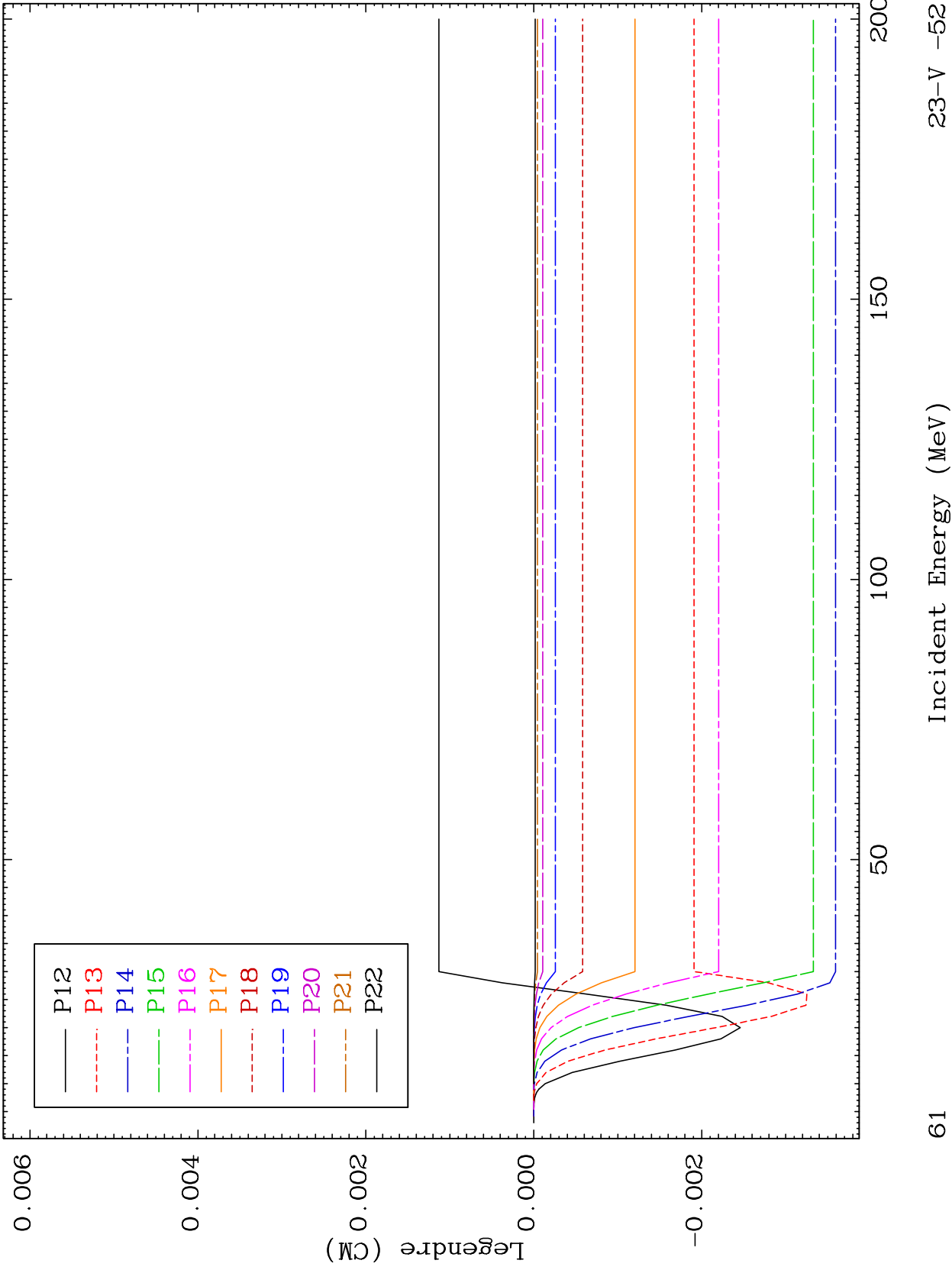
MAT 2331

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

23-V -52

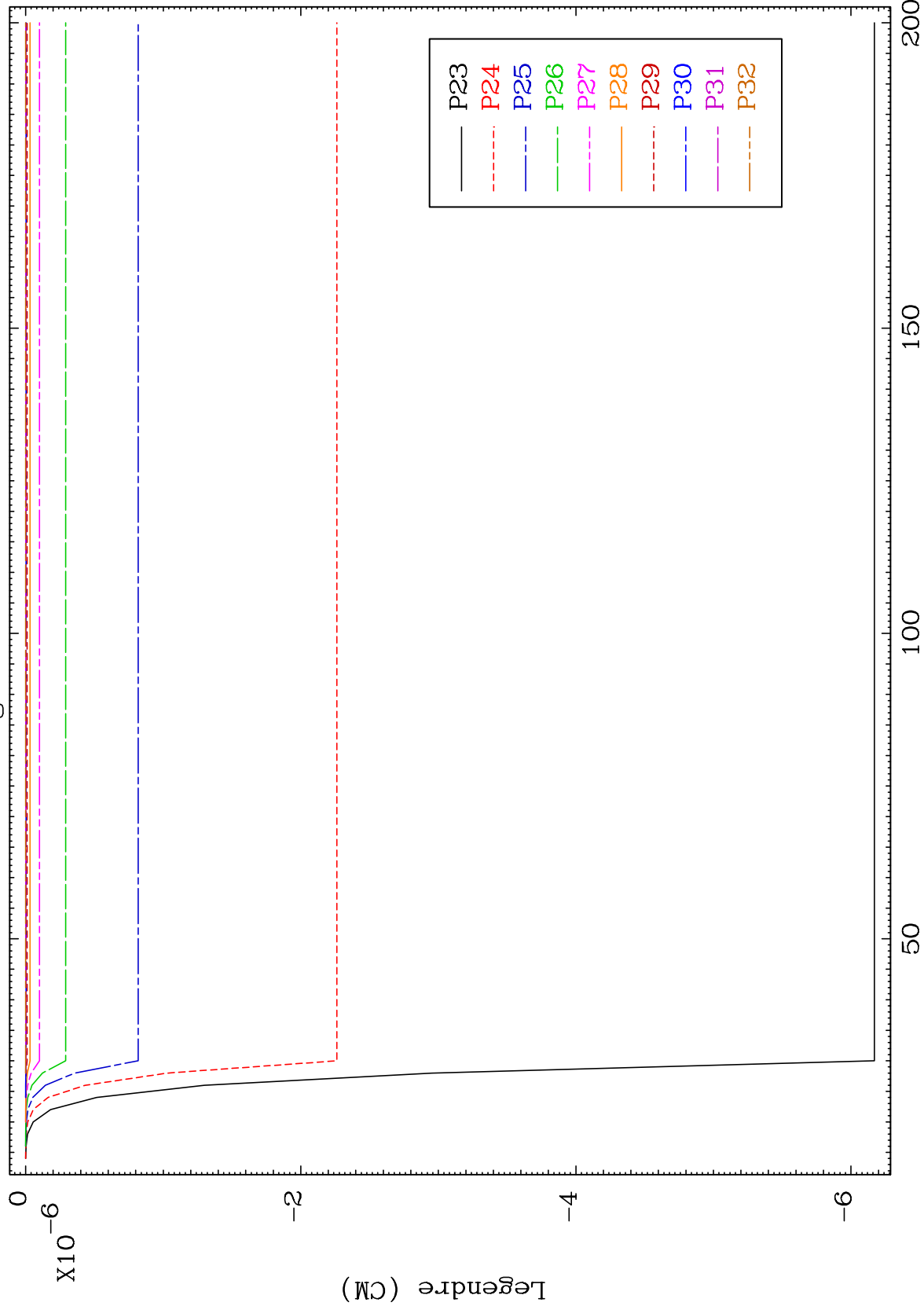


23-V -52

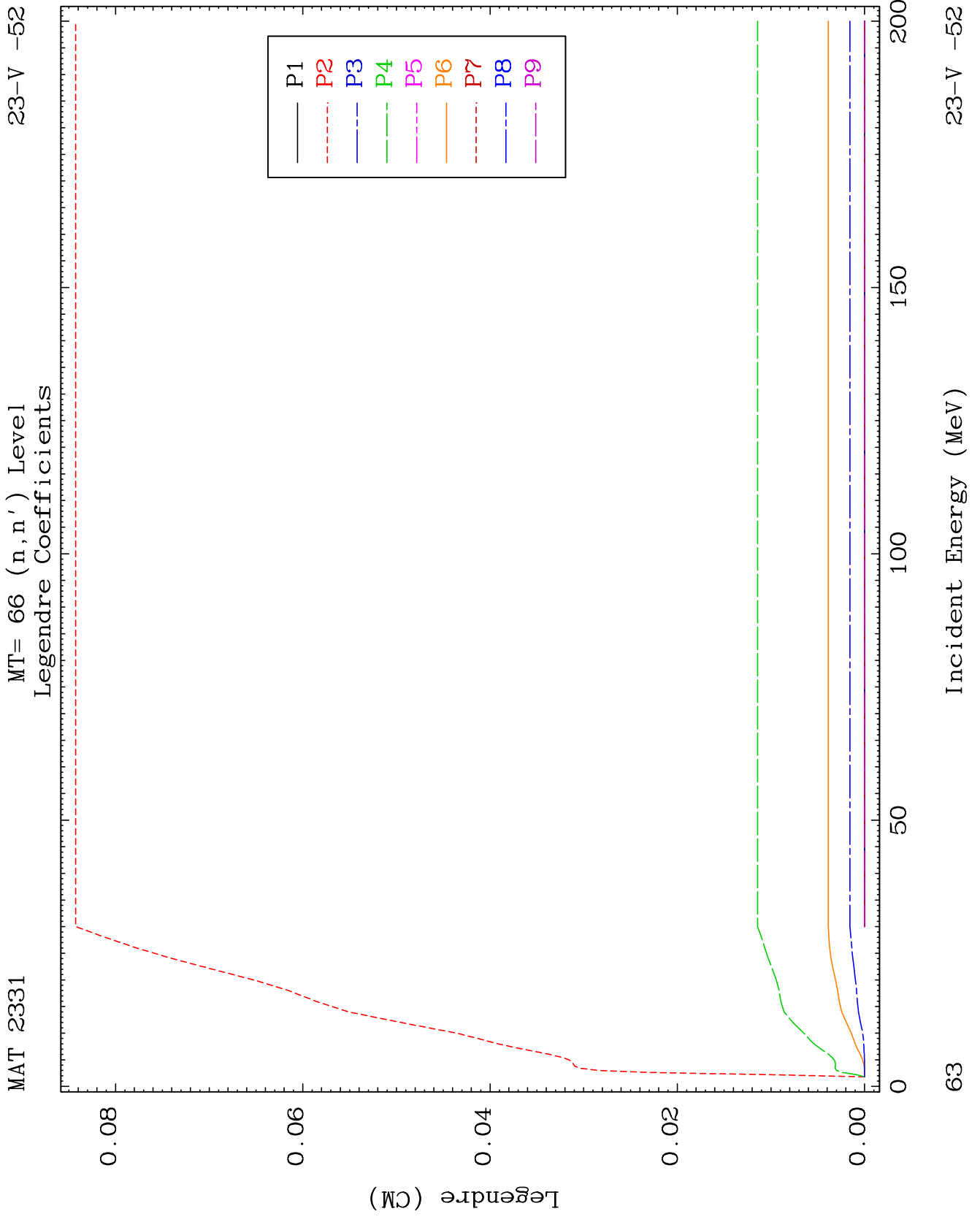


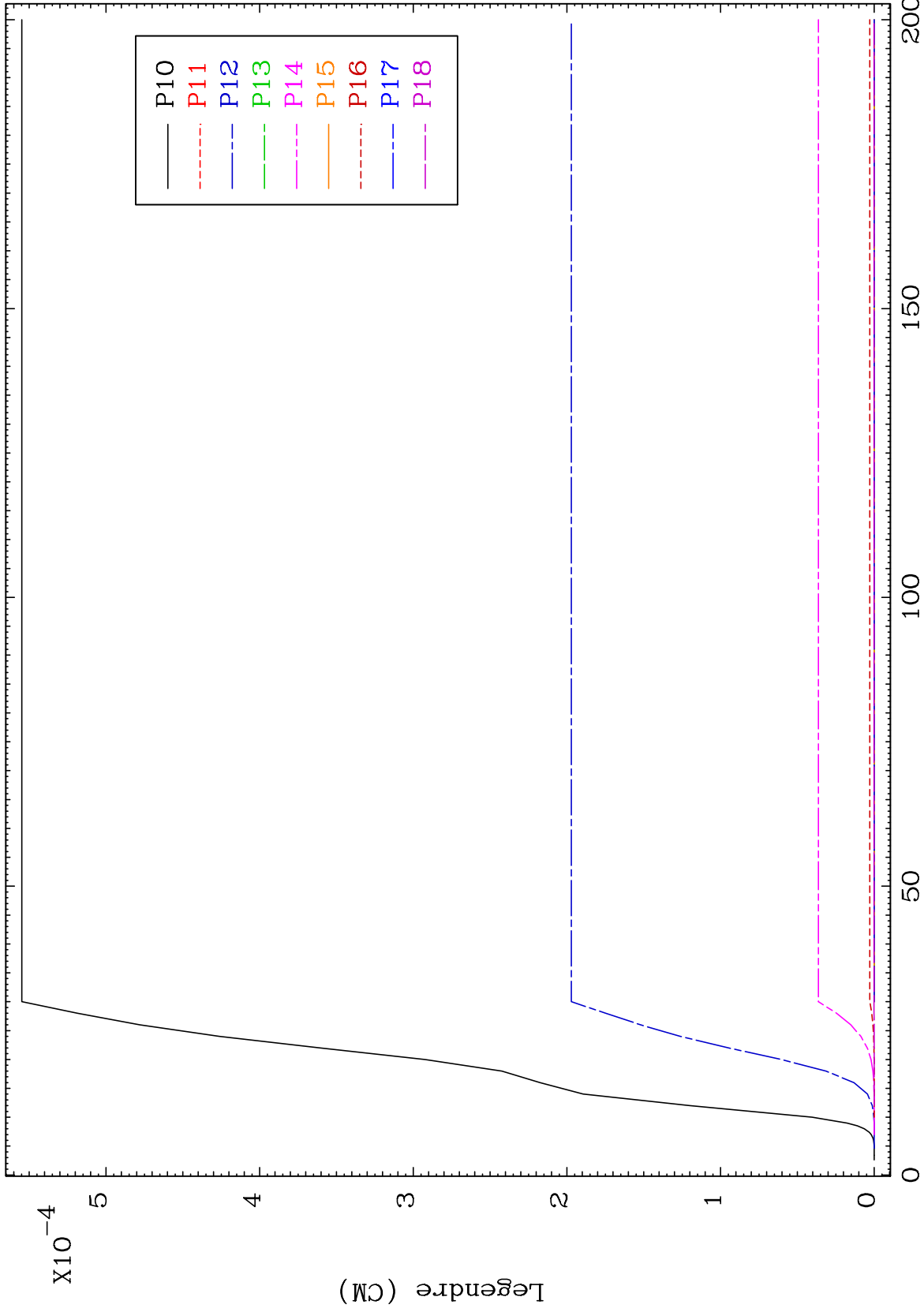
MAT 2331 MT= 65 (n,n') Level 23-V -52

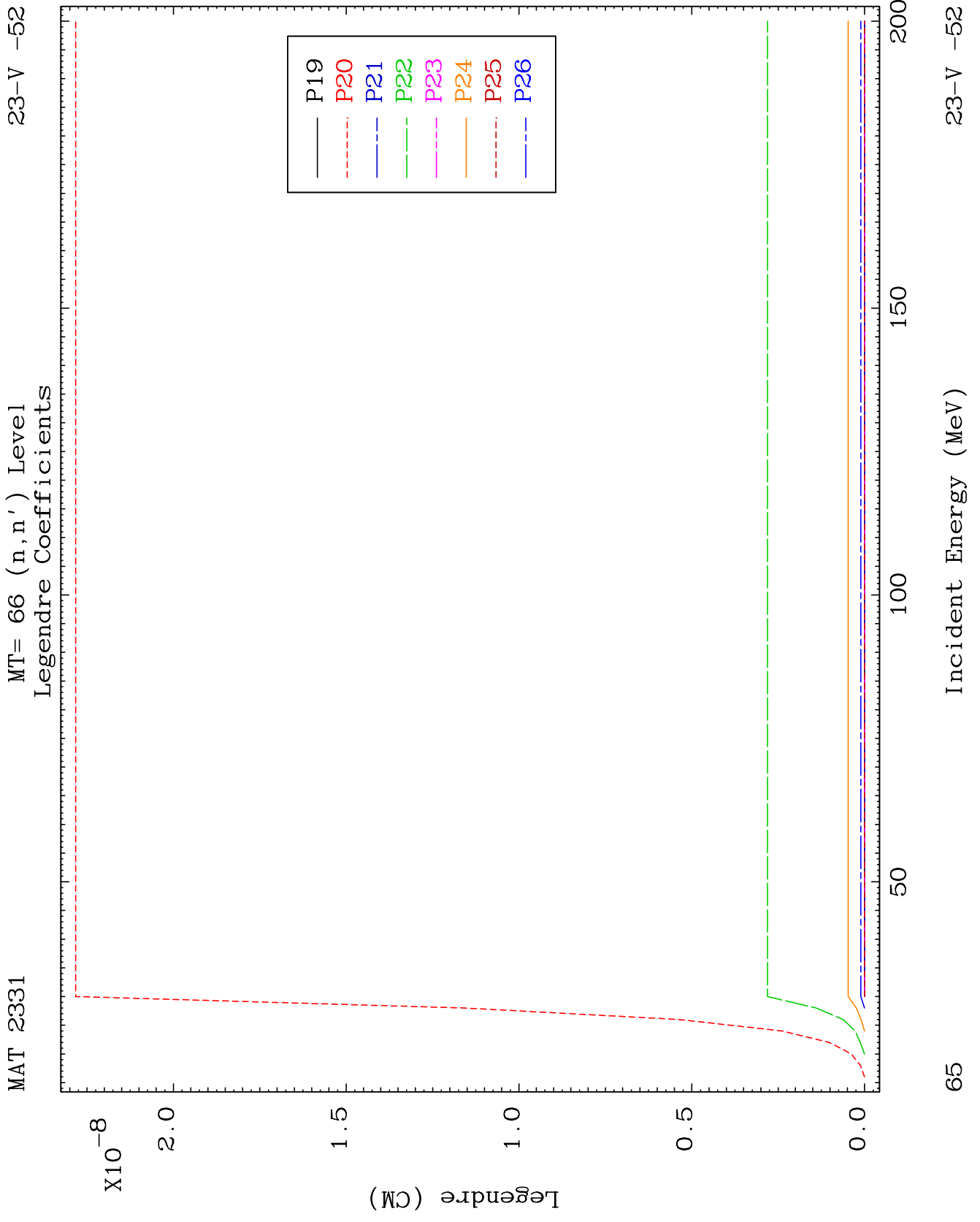
Legendre Coefficients



62 Incident Energy (MeV) 23-V -52



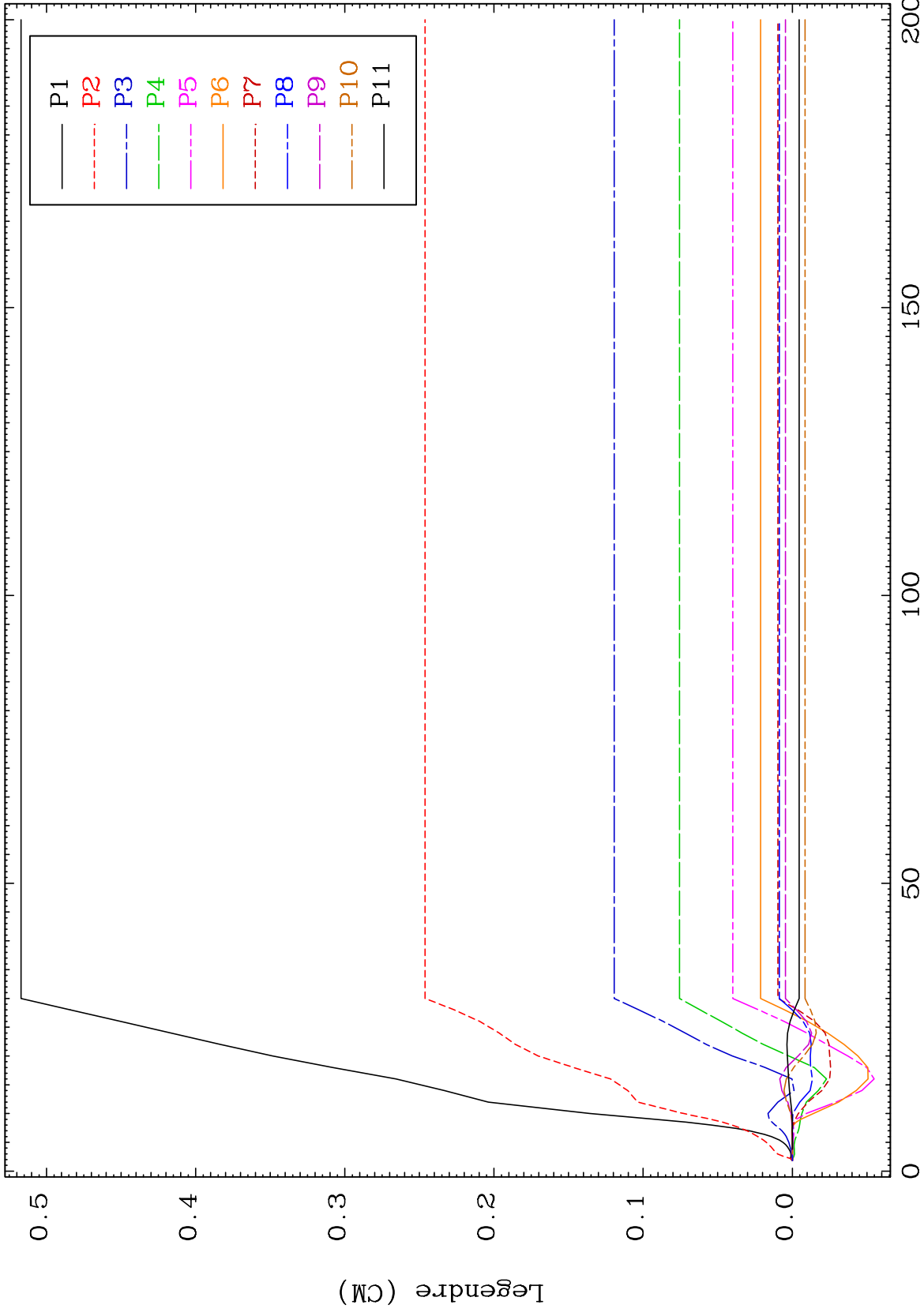




MAT 2331

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

23-V -52



66

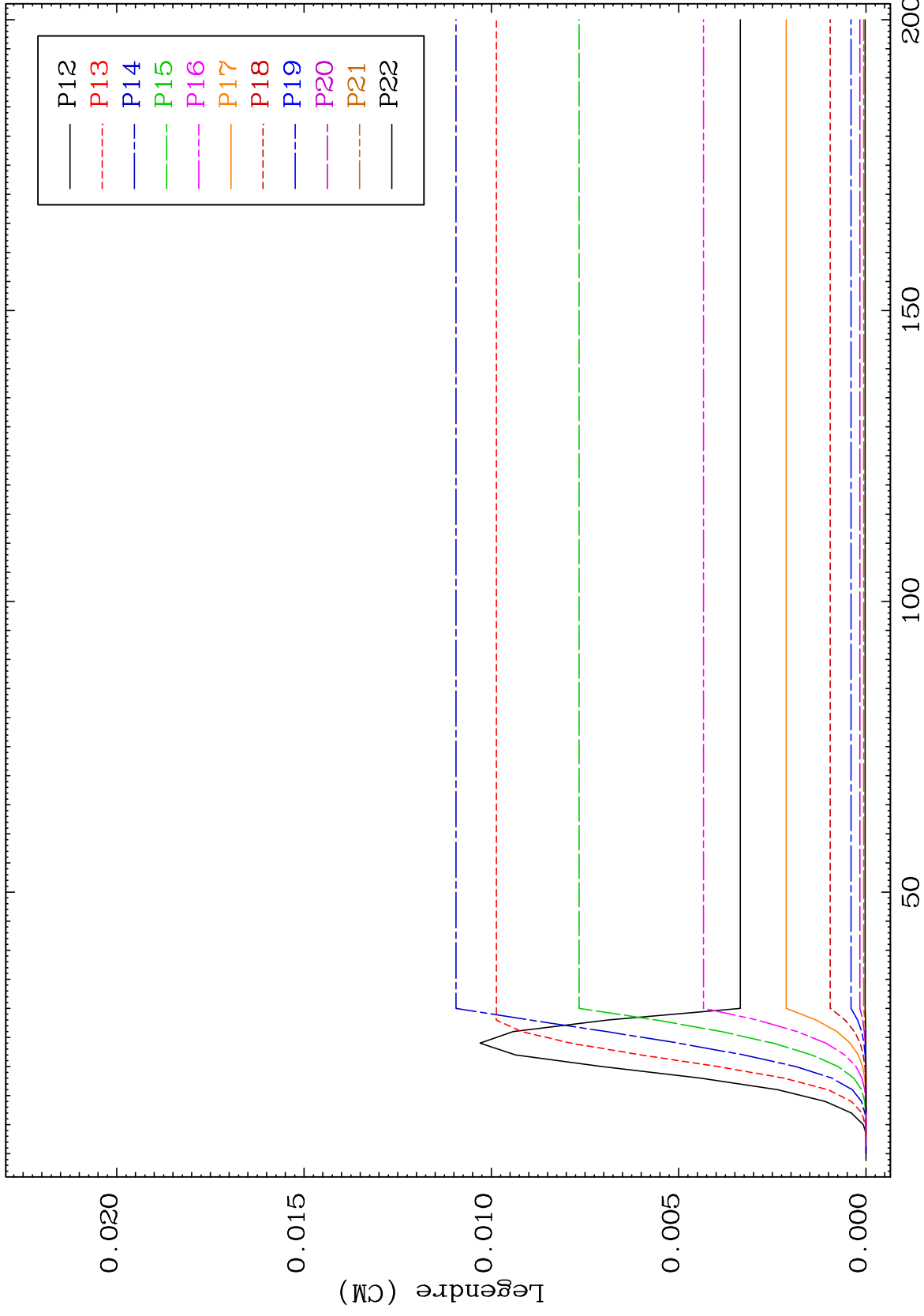
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



67

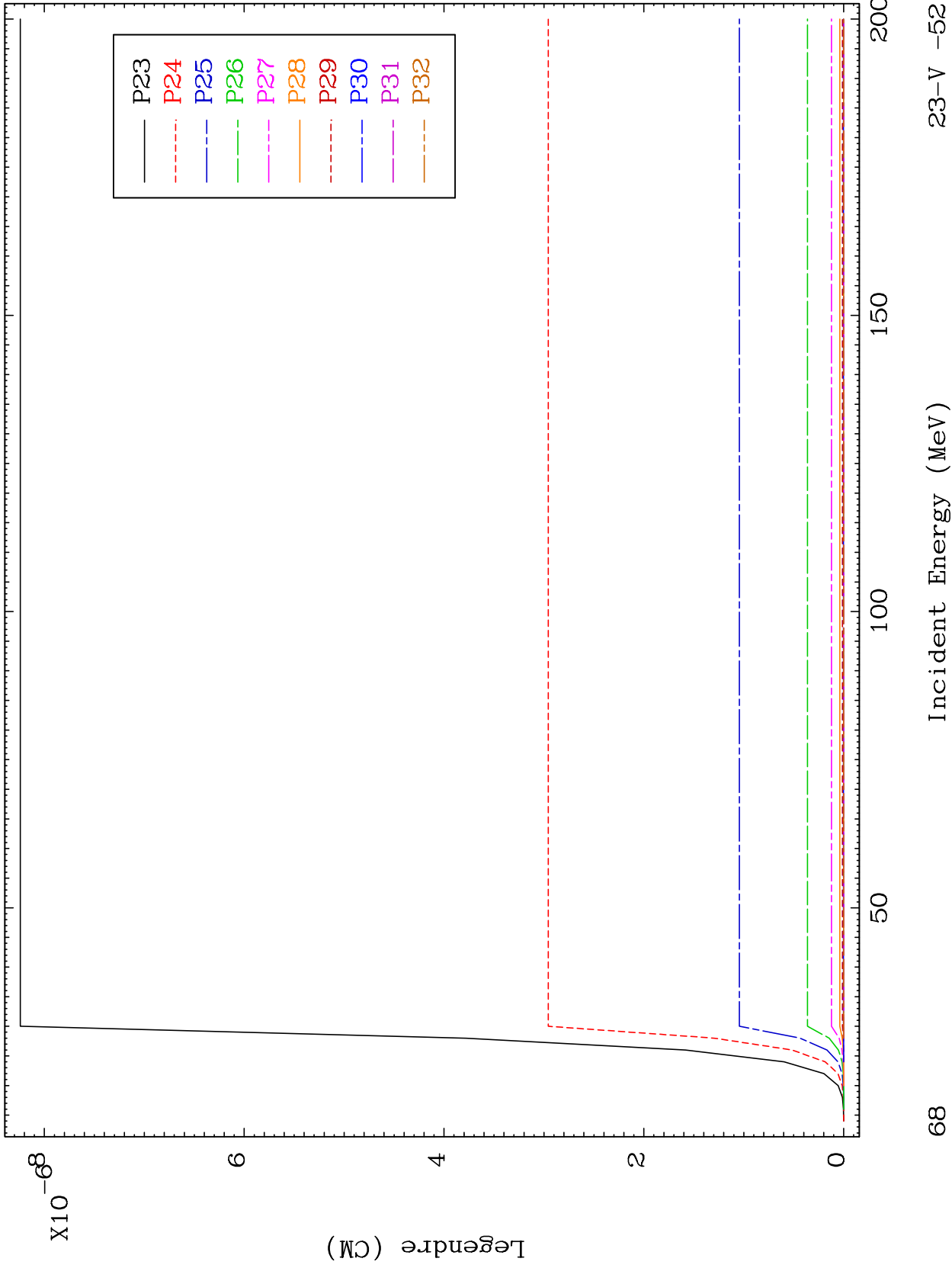
Incident Energy (MeV)

23-V -52

MAT 2331

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

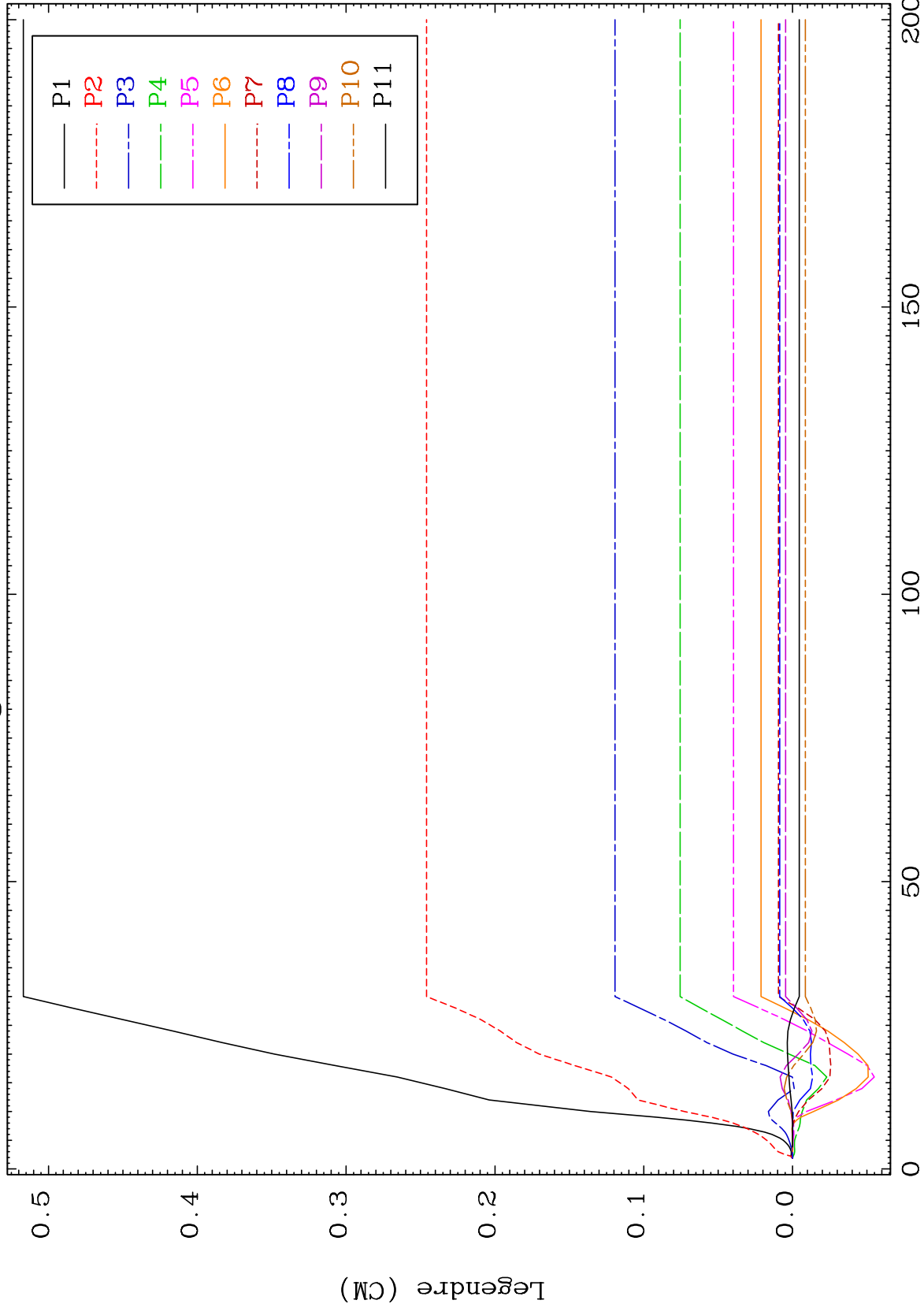
23-V -52



MAT 2331

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

23-V -52



69

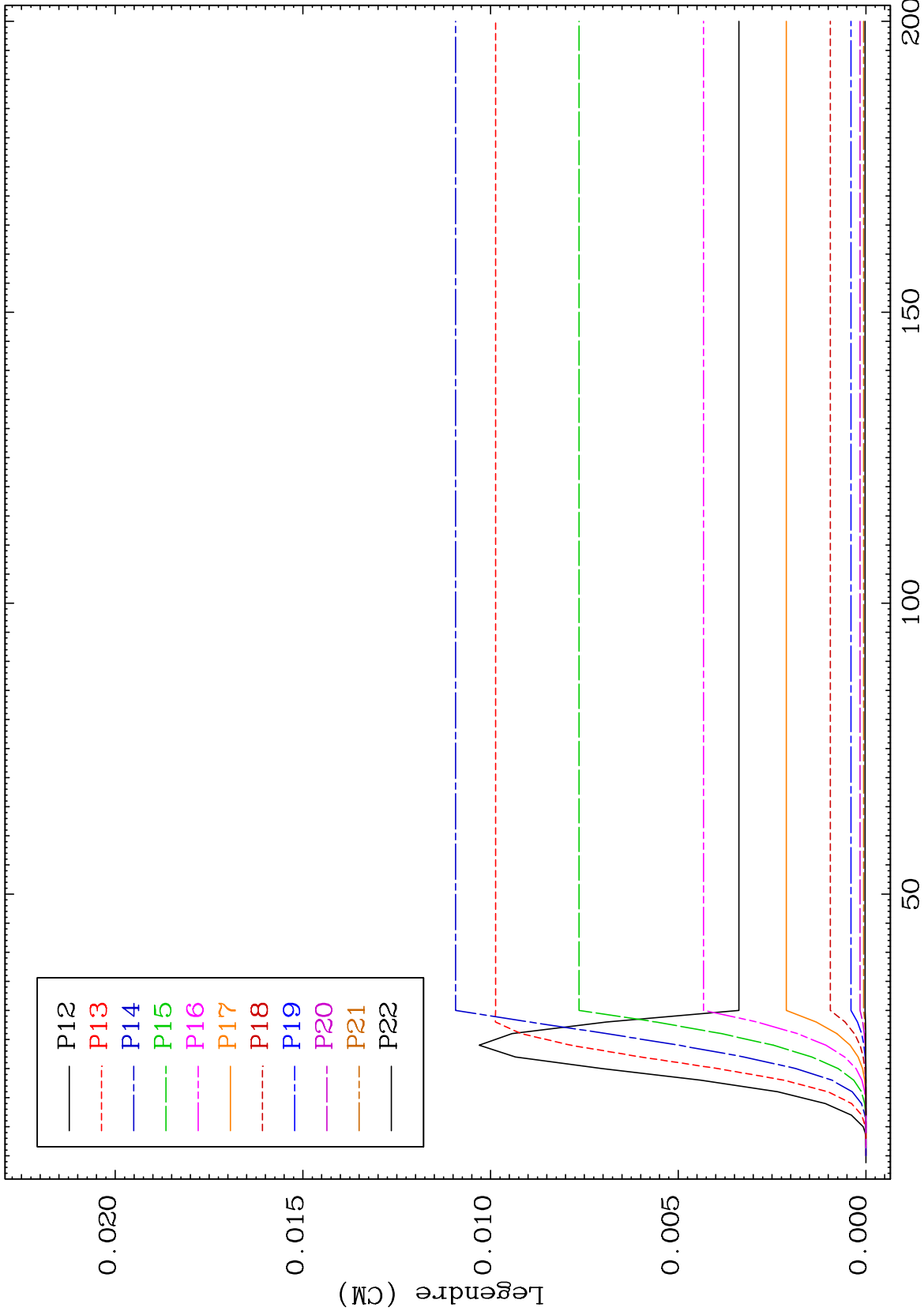
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



70

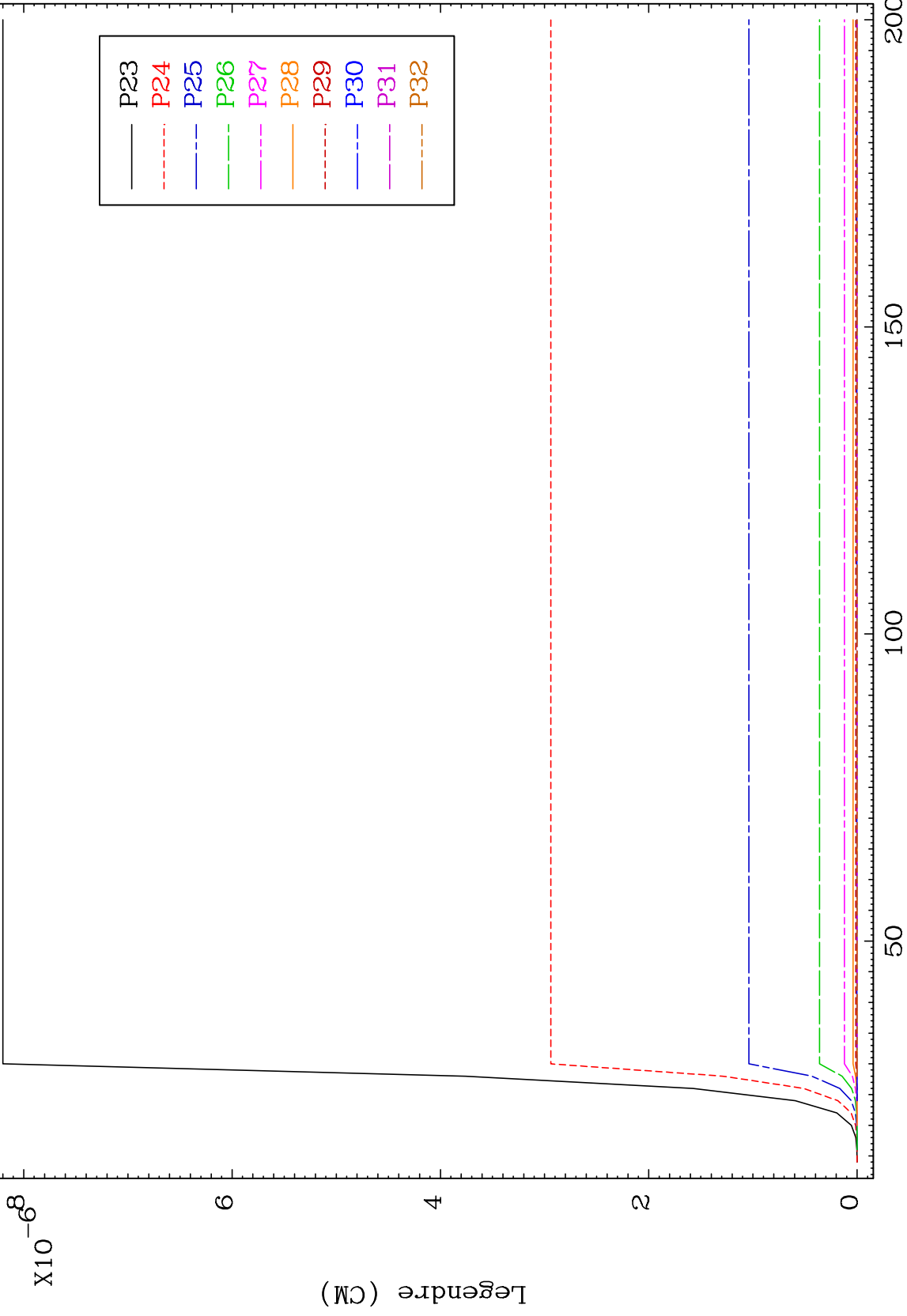
Incident Energy (MeV)

23-V -52

MAT 2331

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

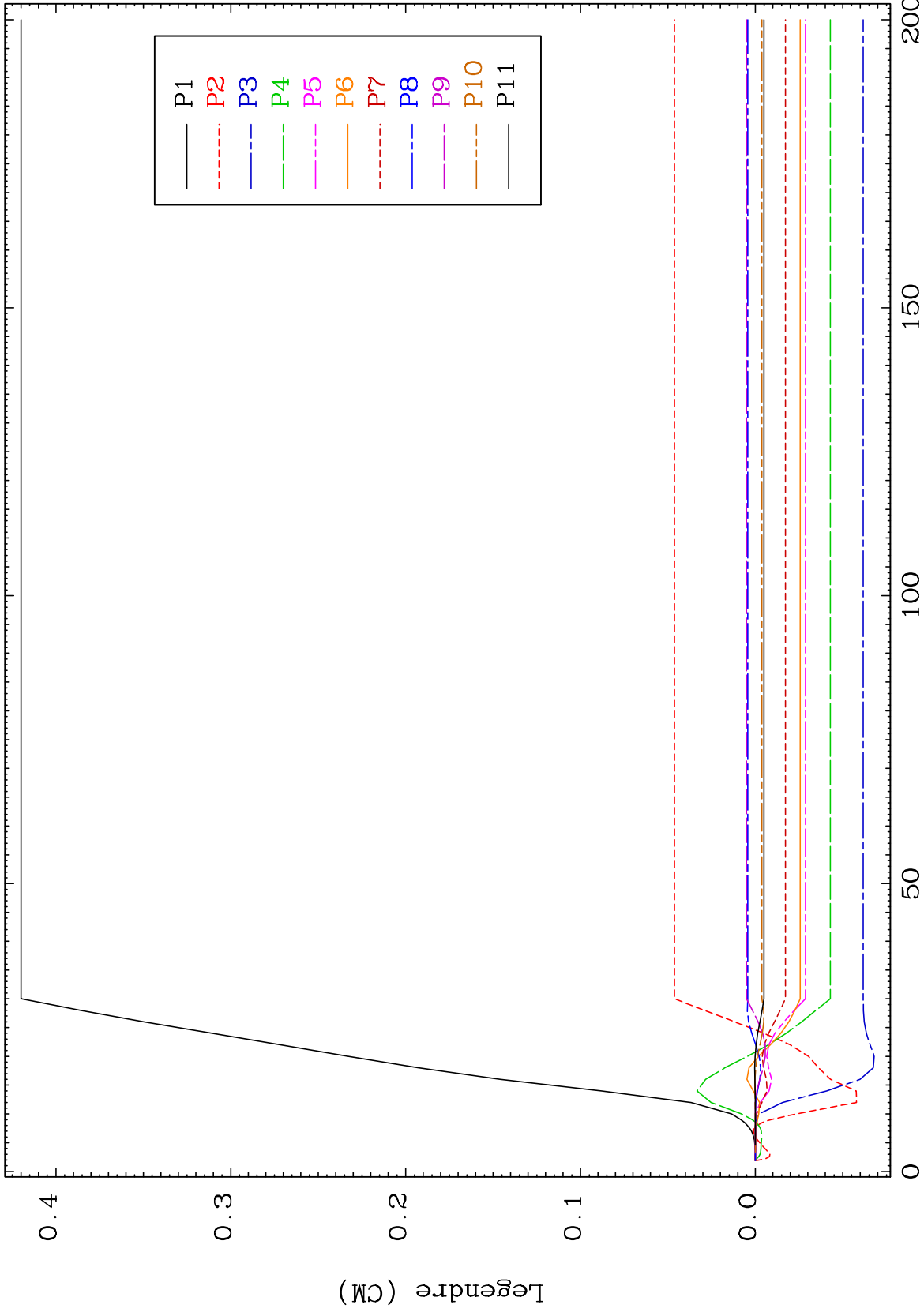
23-V -52



71

Incident Energy (MeV)

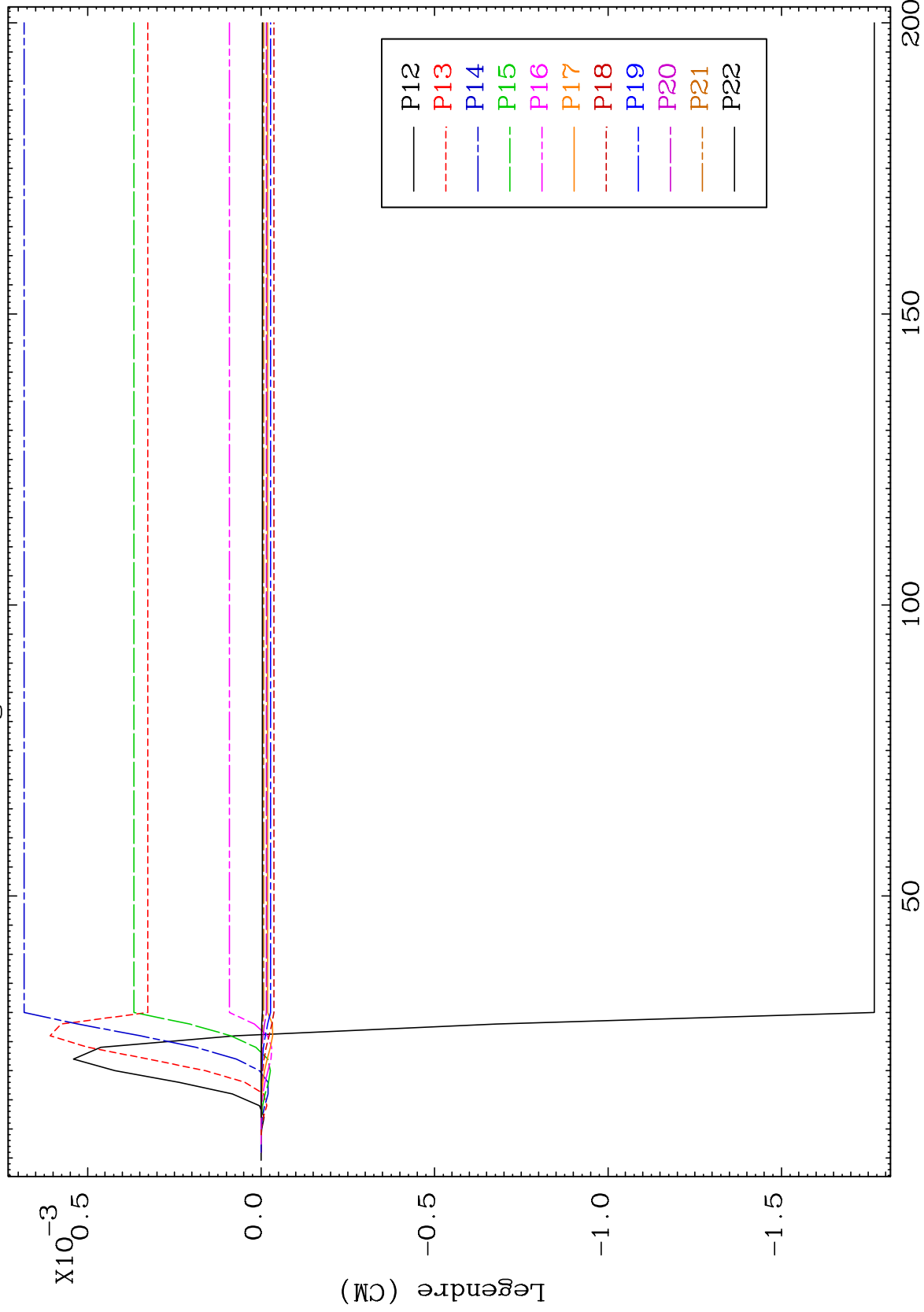
23-V -52



MAT 2331

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

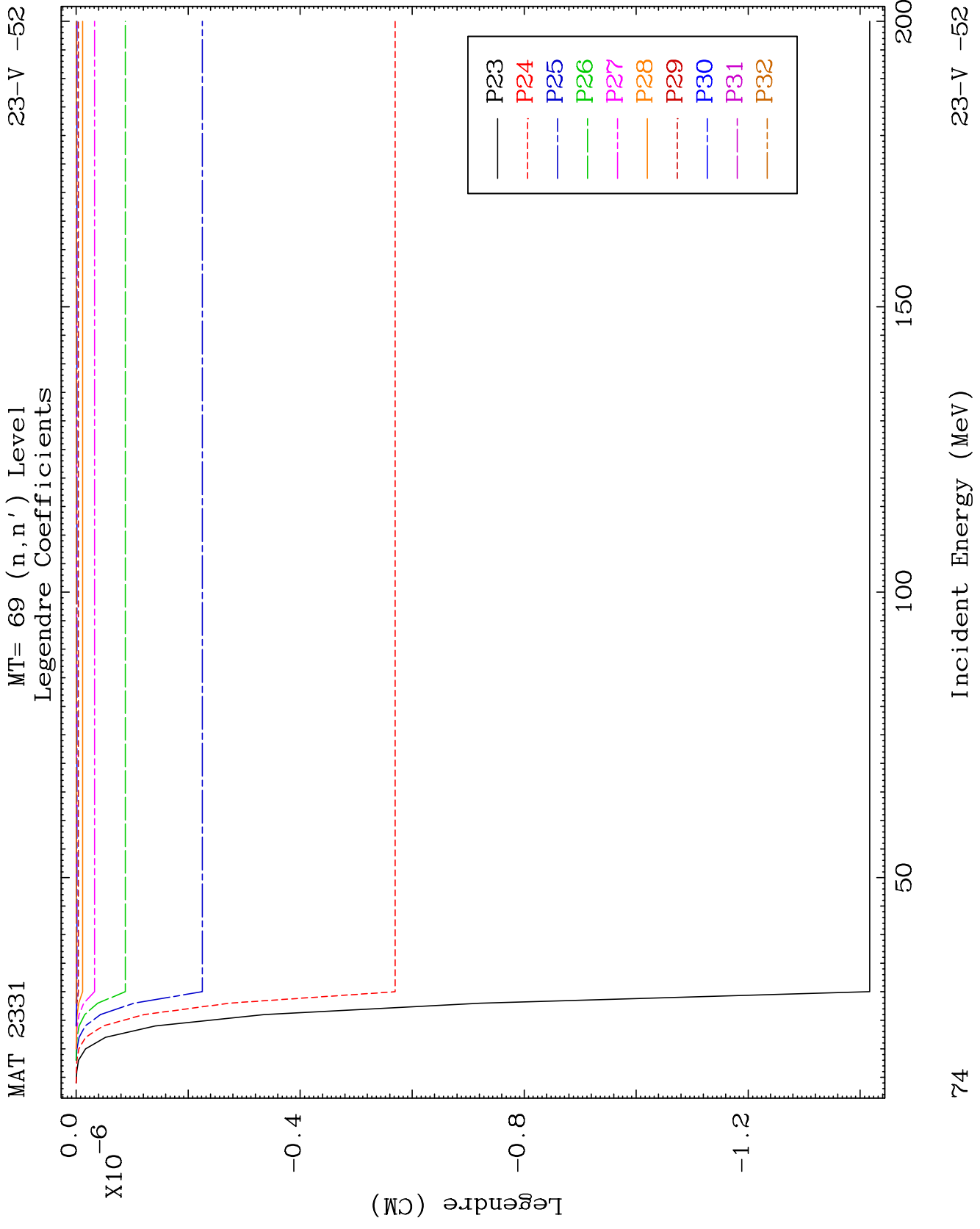
23-V -52



73

Incident Energy (MeV)

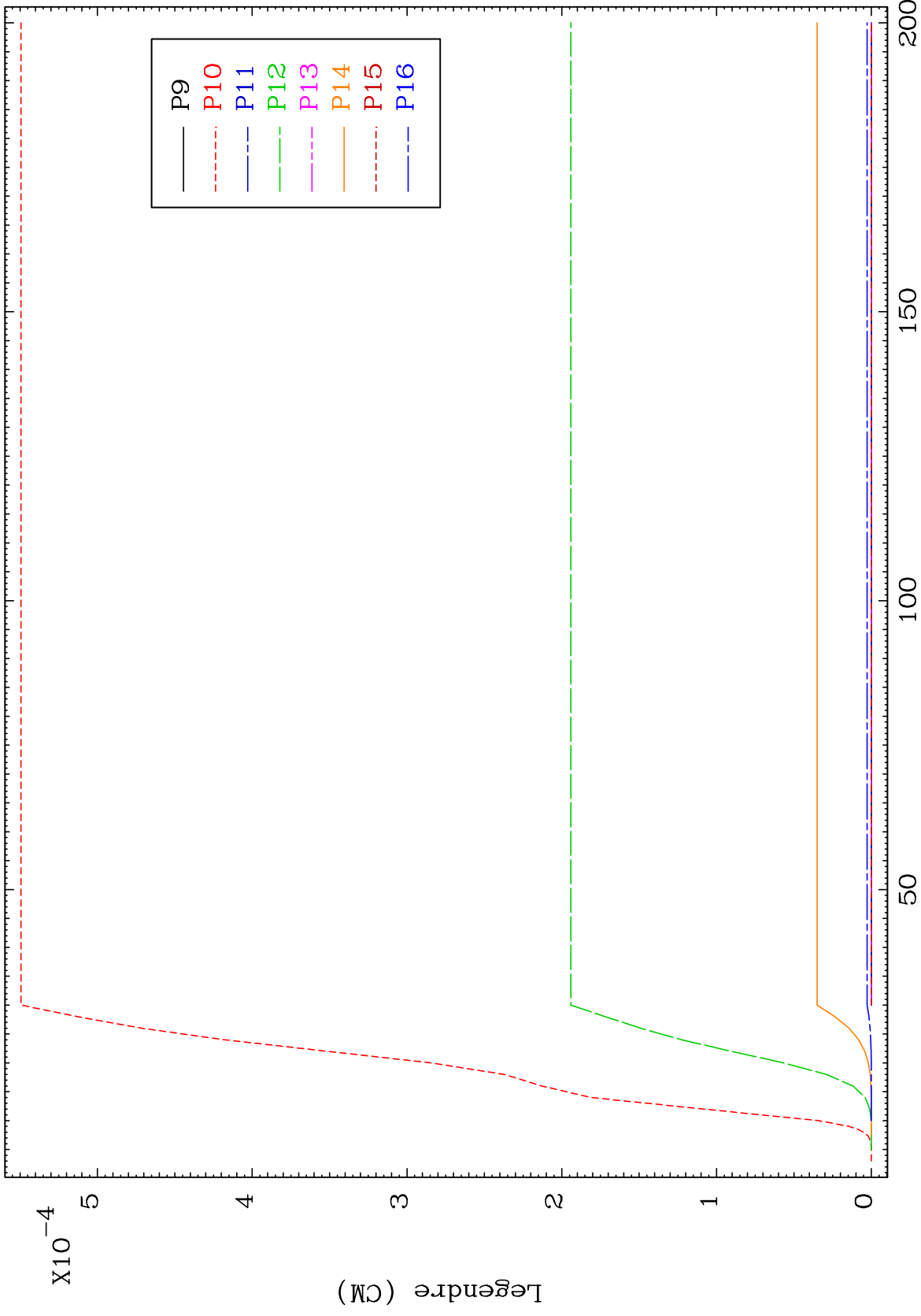
23-V -52



MAT 2331

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

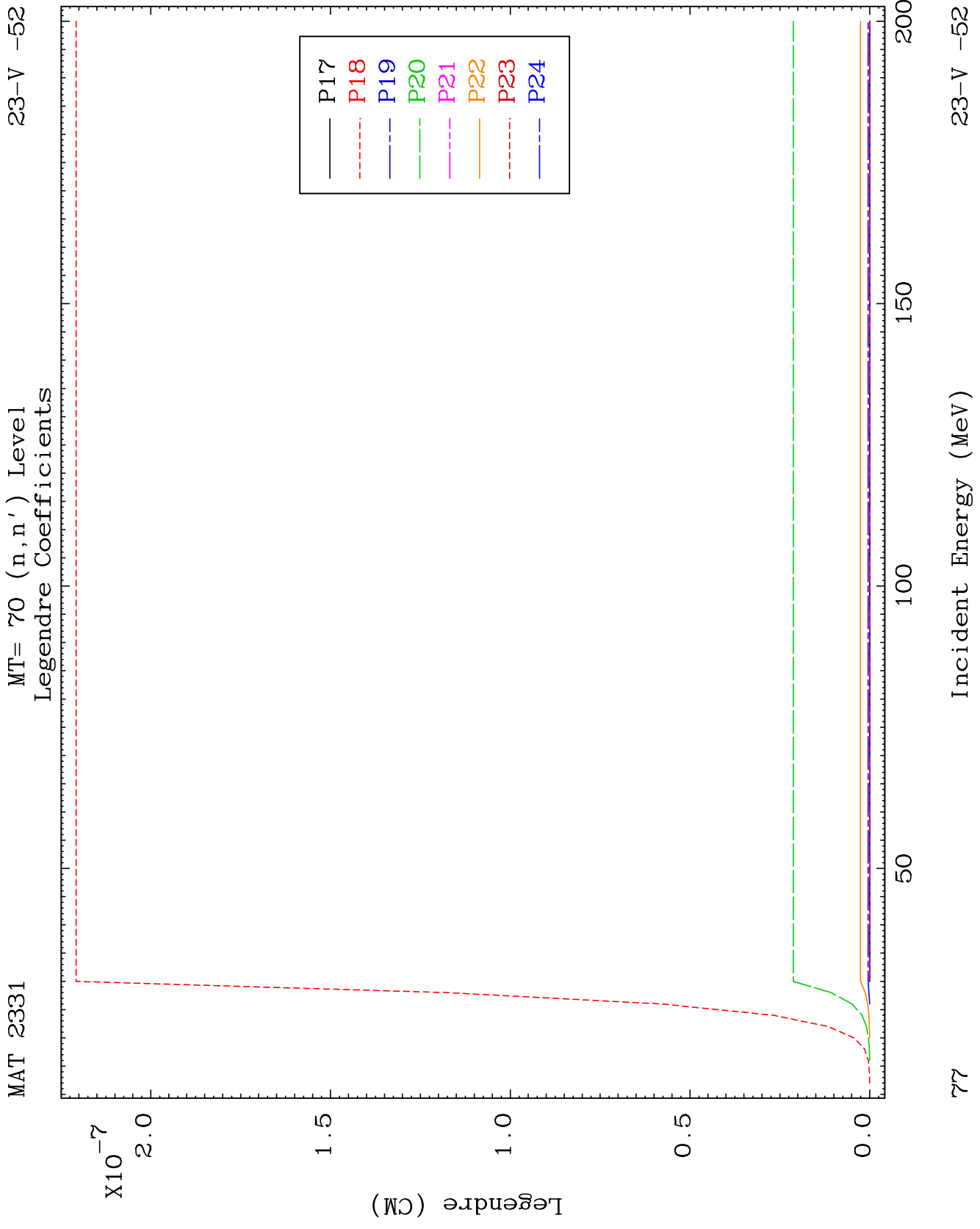
23-V -52



76

Incident Energy (MeV)

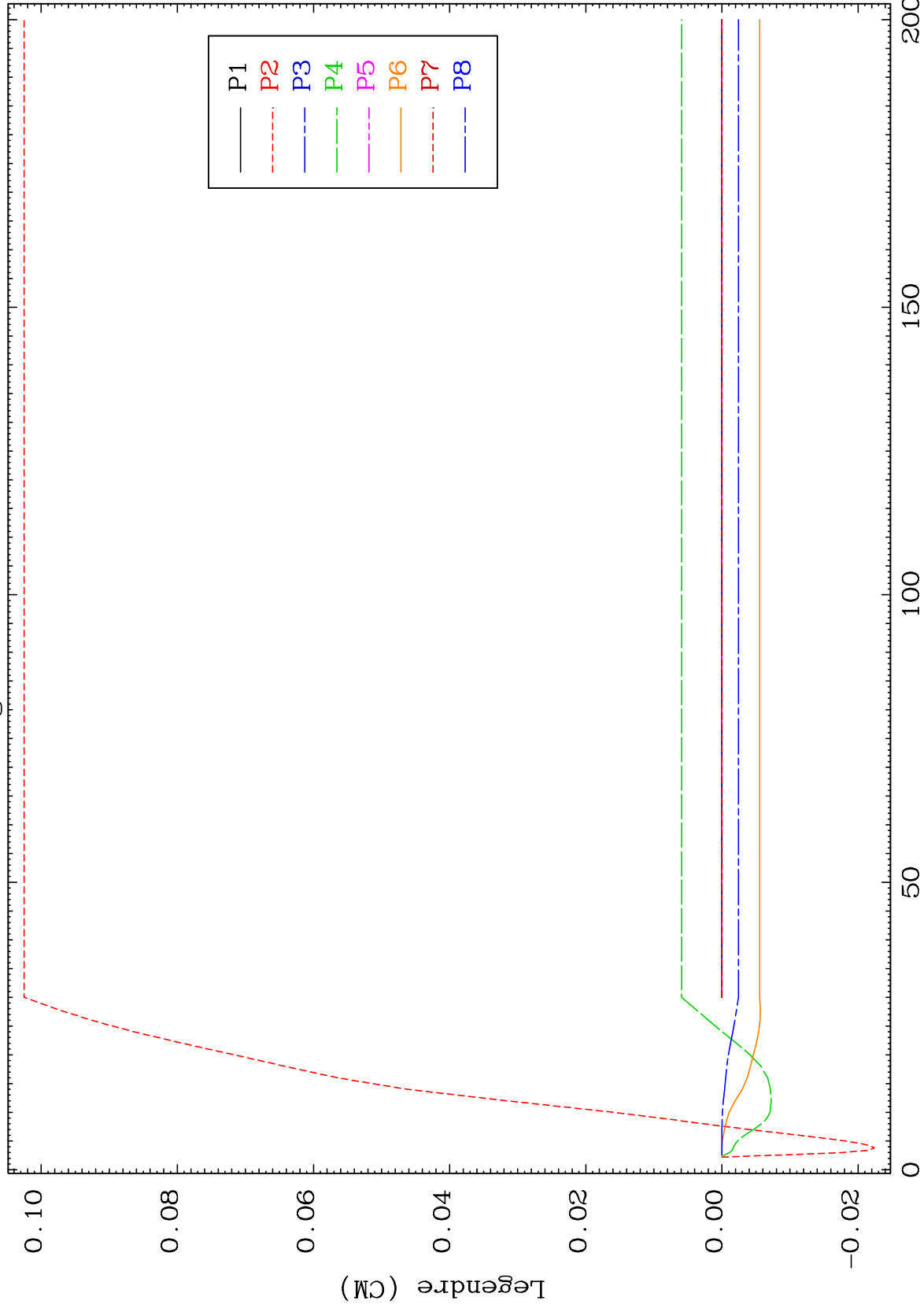
23-V -52



MAT 2331

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

23-V -52



78

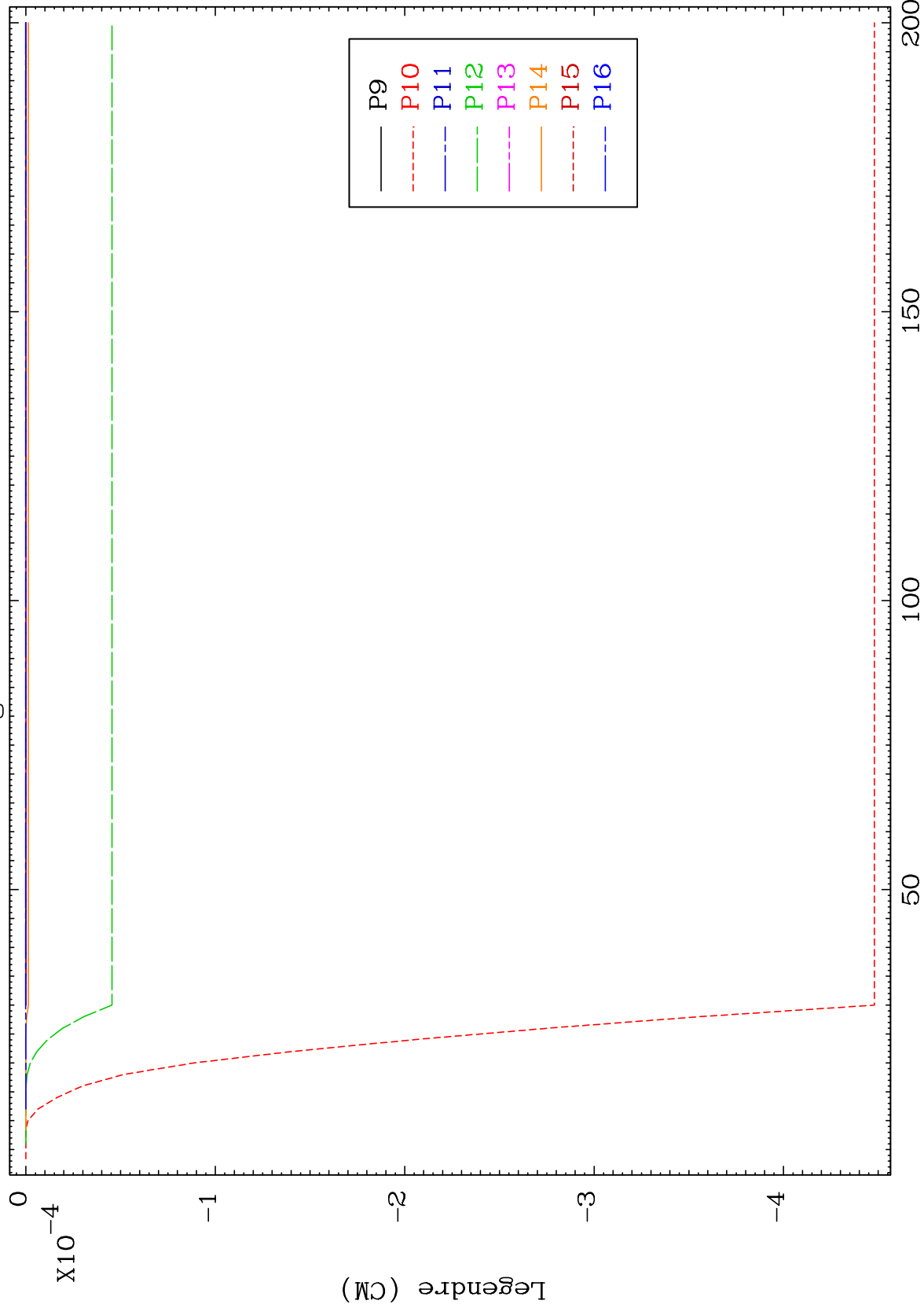
Incident Energy (MeV)

23-V -52

MAT 2331

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

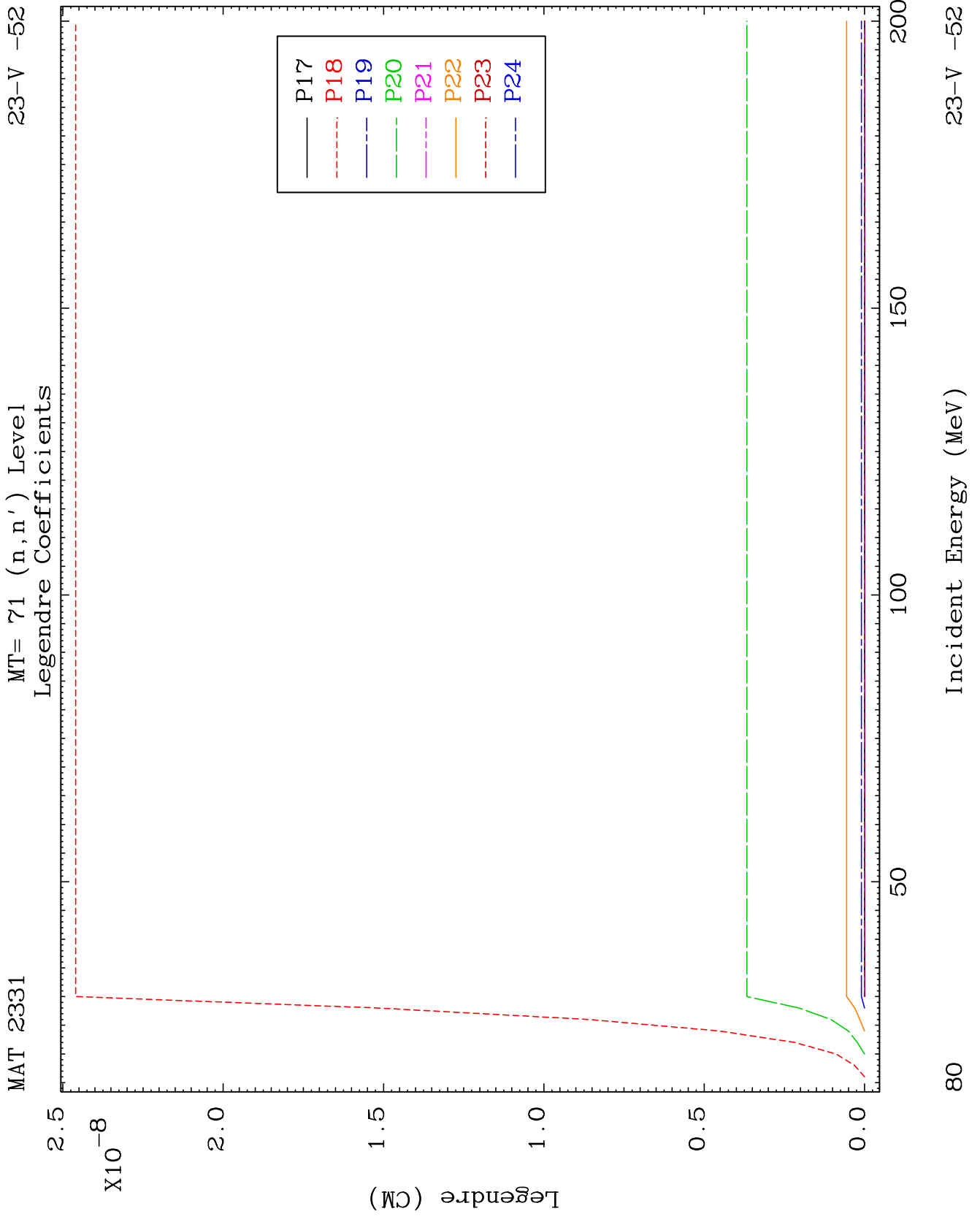
23-V -52

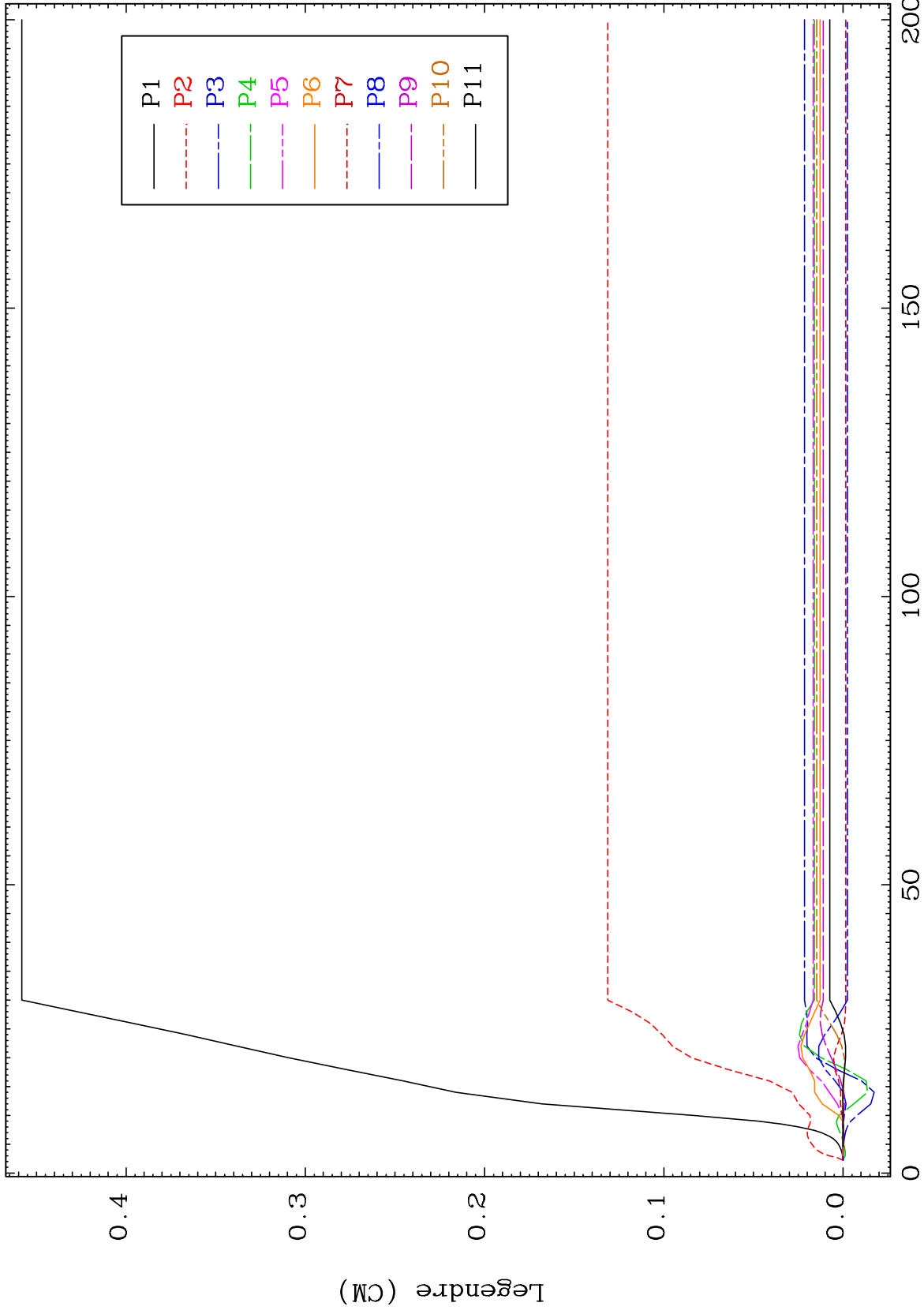


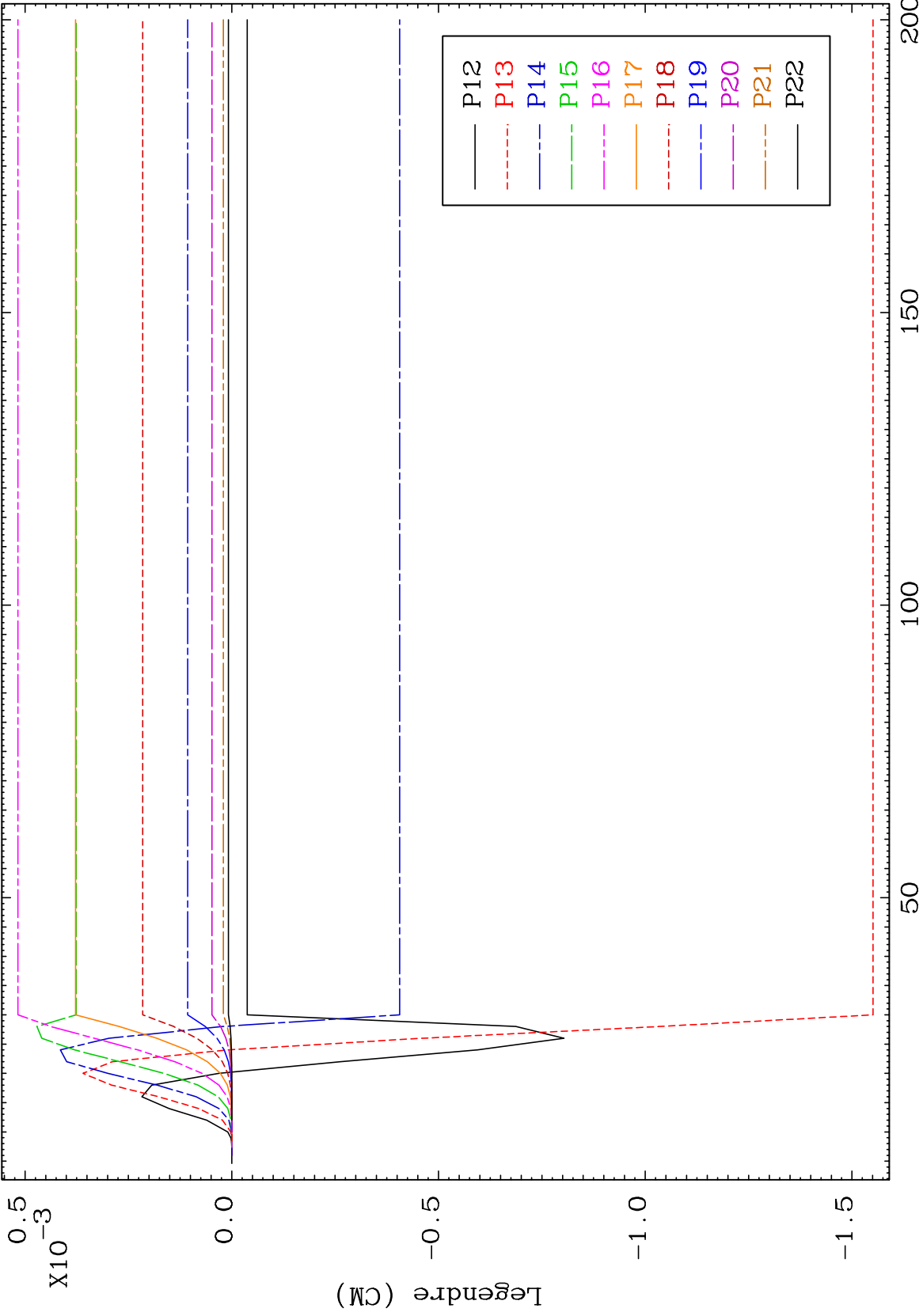
23-V -52

Incident Energy (MeV)

79



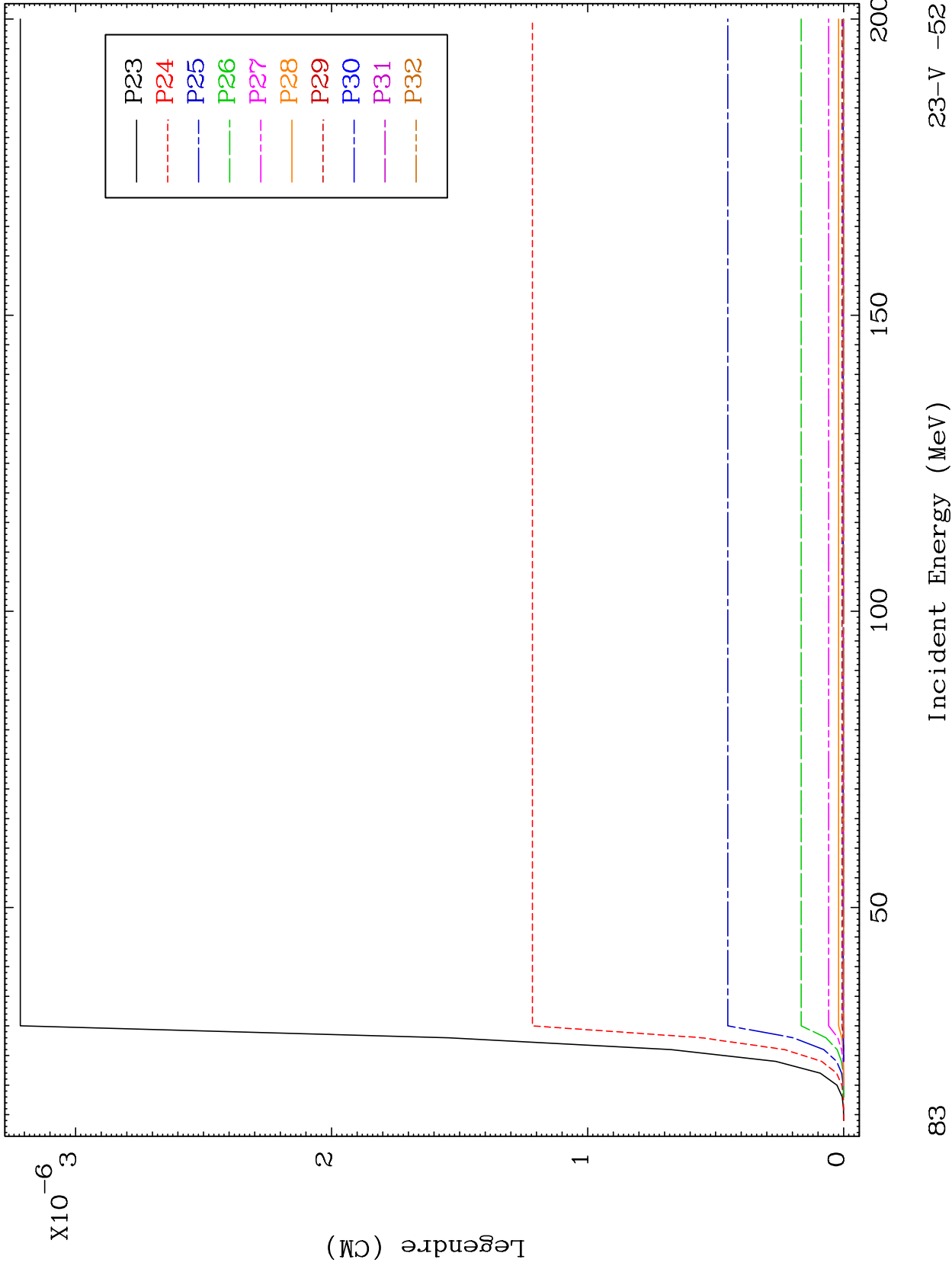




MAT 2331

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

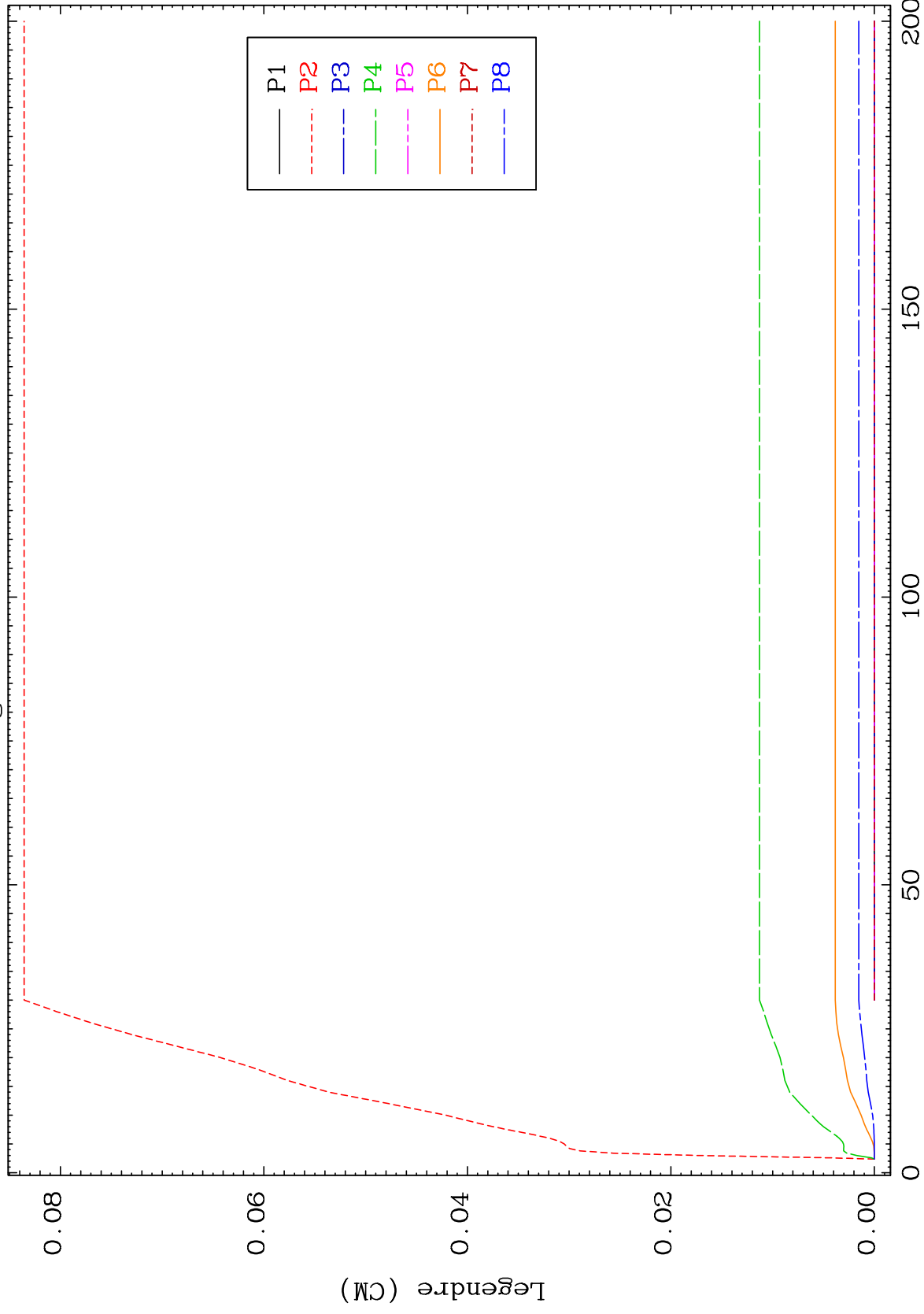
23-V -52



MAT 2331

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

23-V -52



84

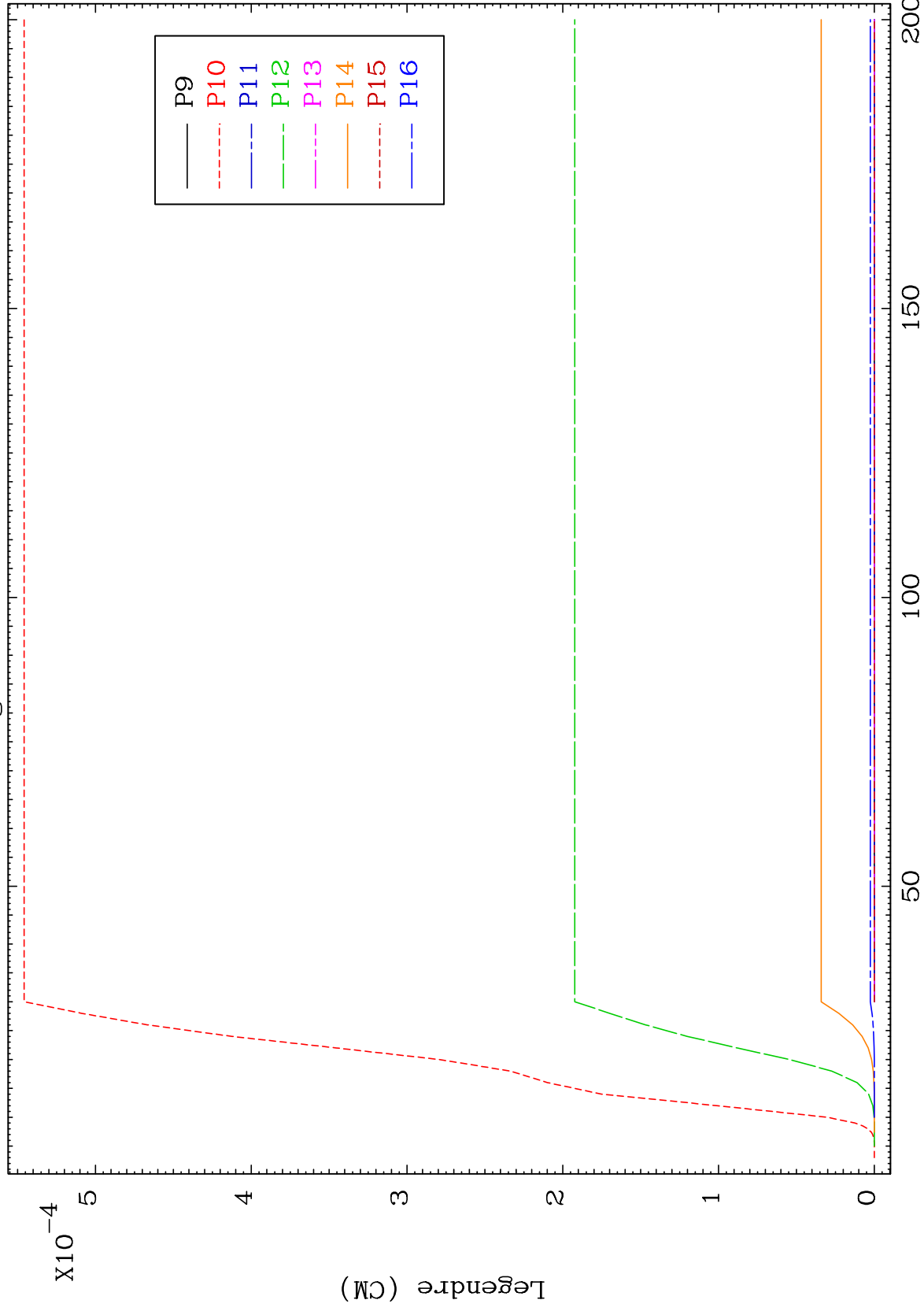
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



85

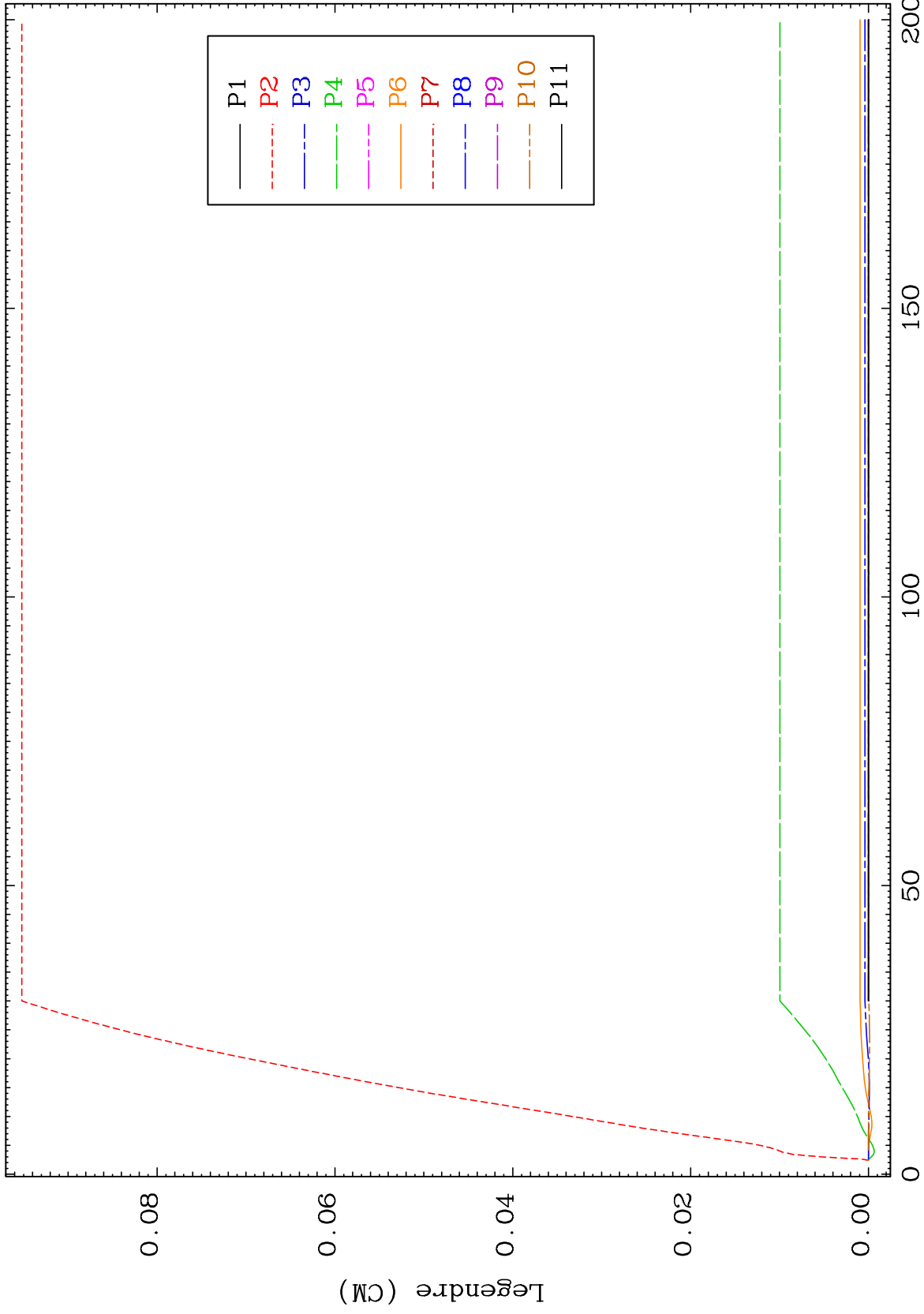
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



87

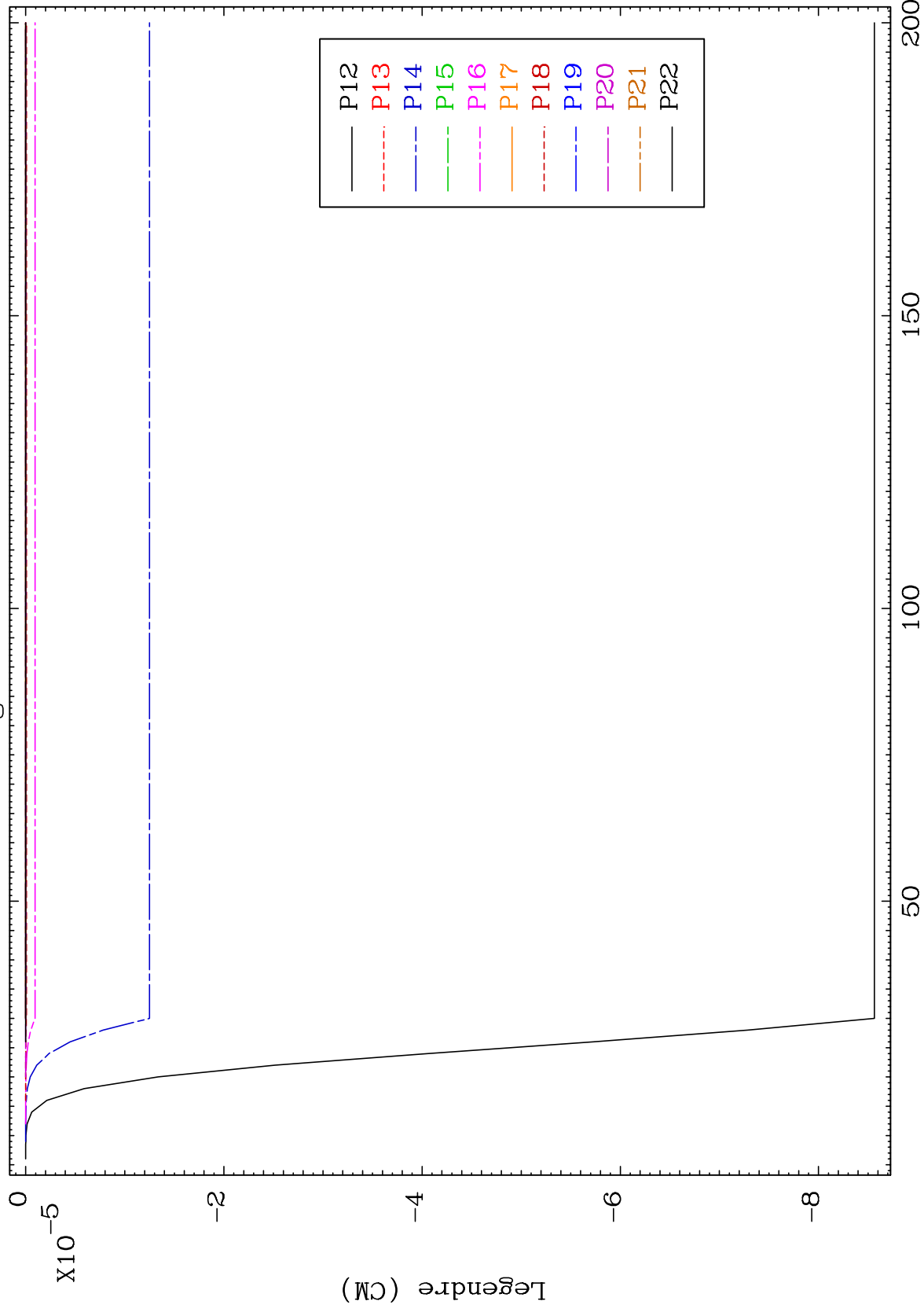
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



88

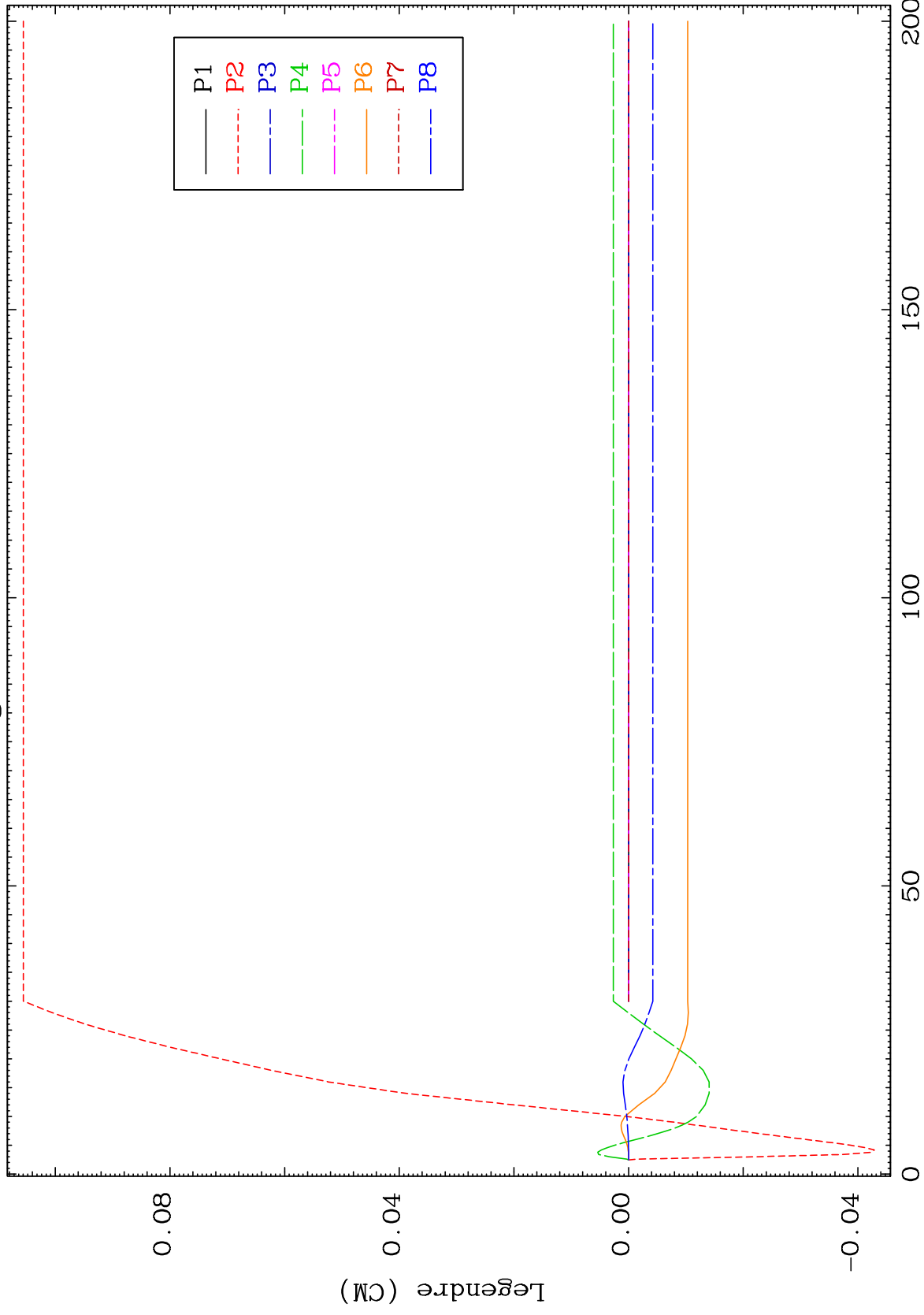
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



89

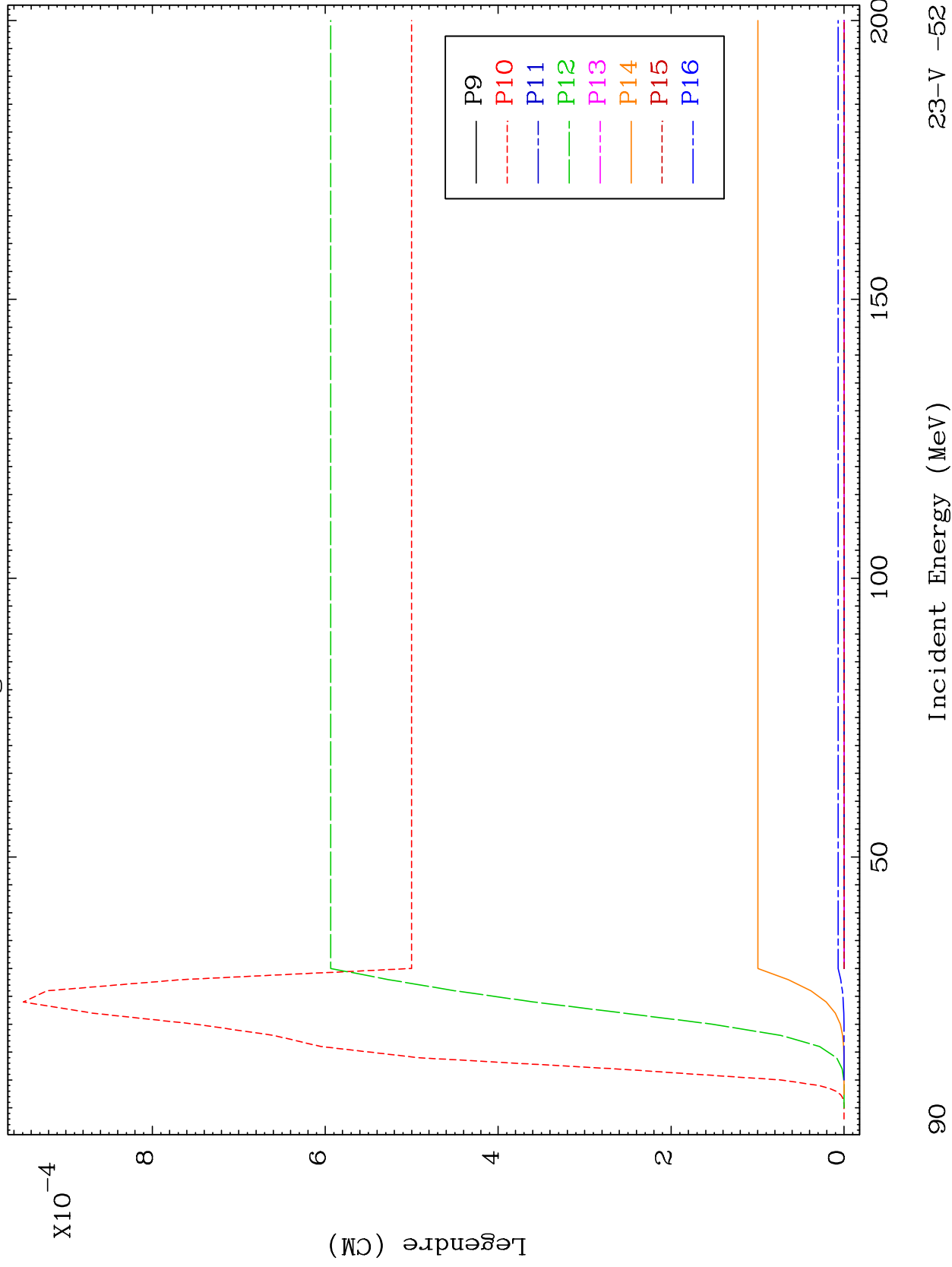
Incident Energy (MeV)

23-V -52

MAT 2331

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

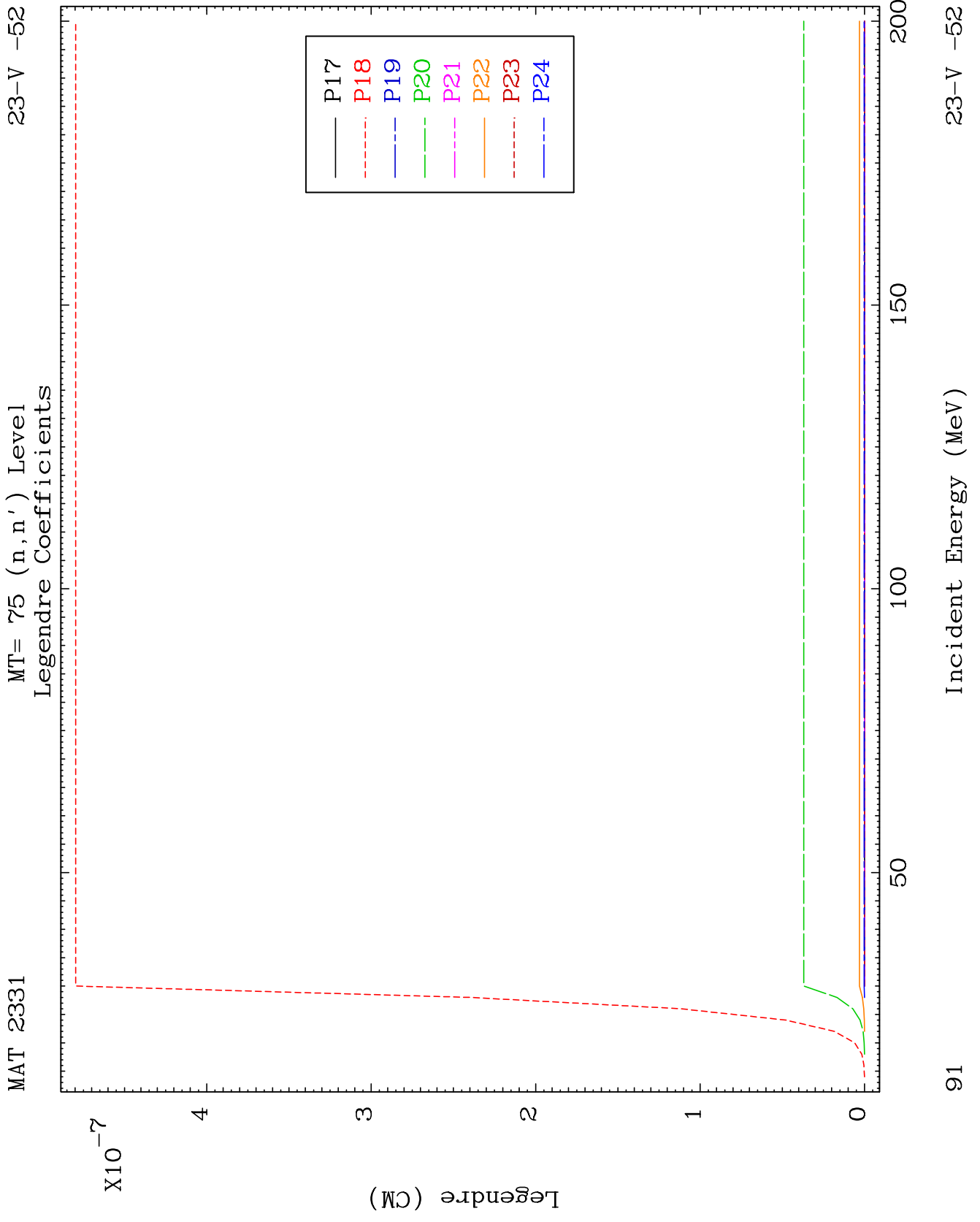
23-V -52



90

Incident Energy (MeV)

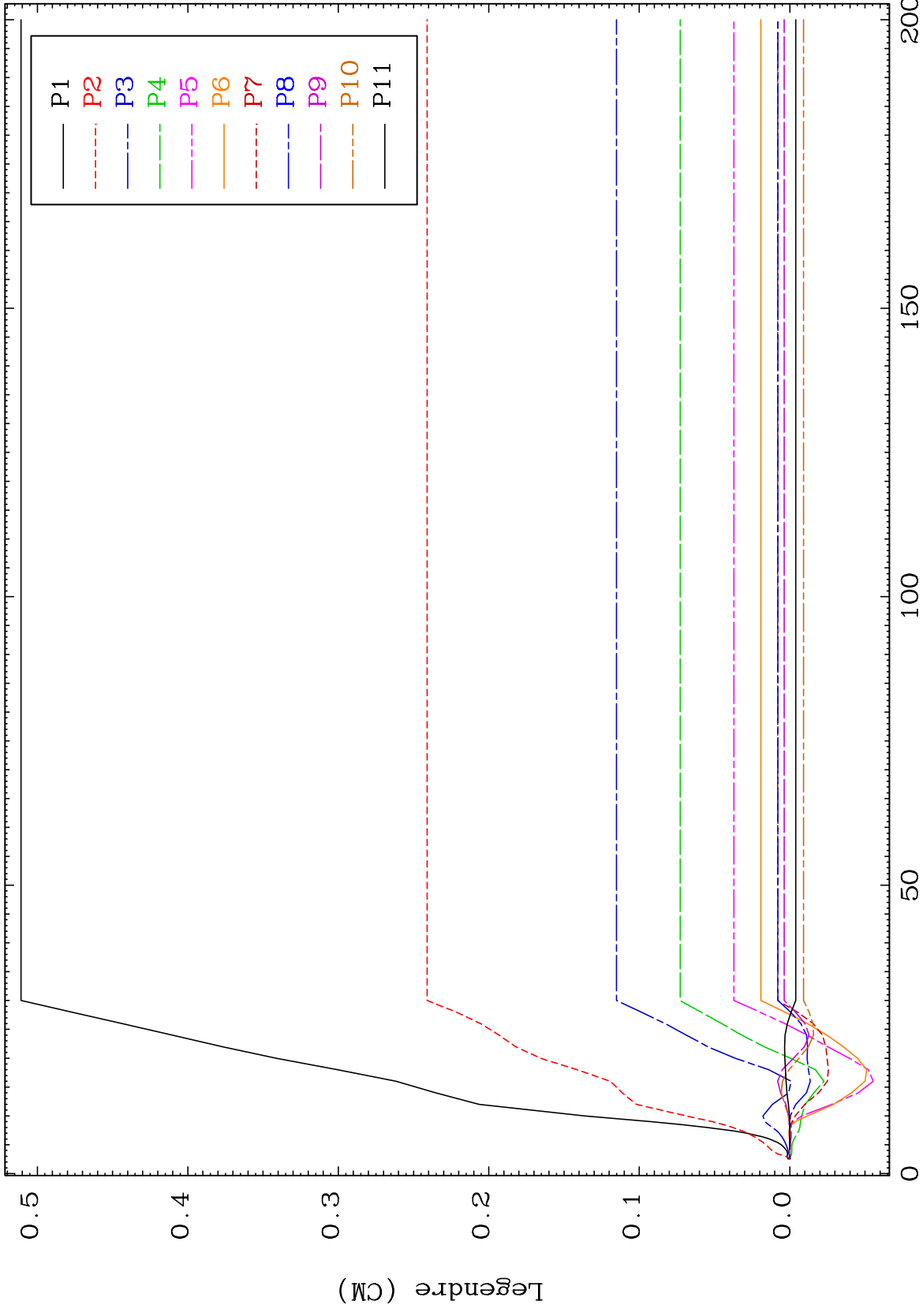
23-V -52



MAT 2331

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

23-V -52



92

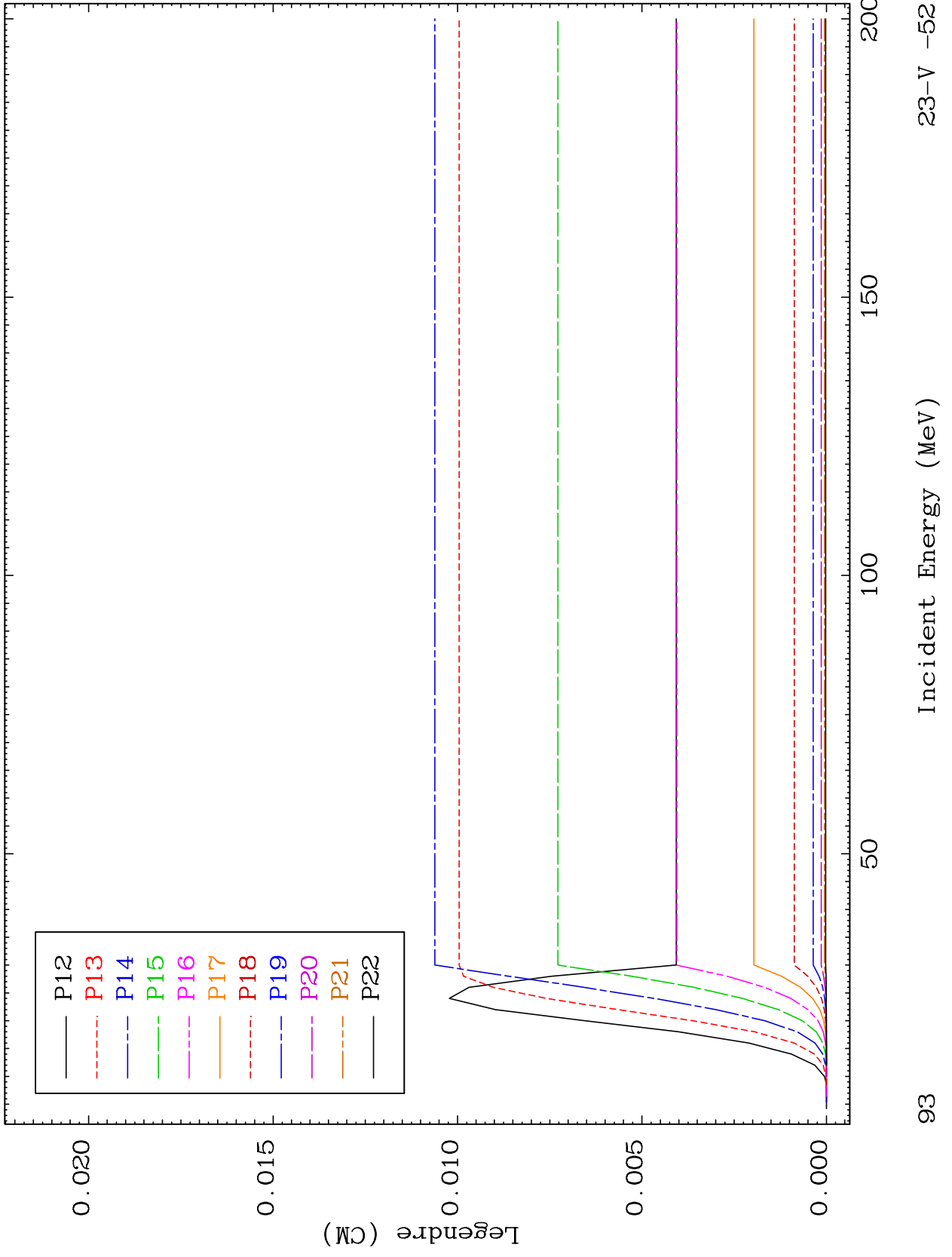
Incident Energy (MeV)

23-V -52

MAT 2331

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

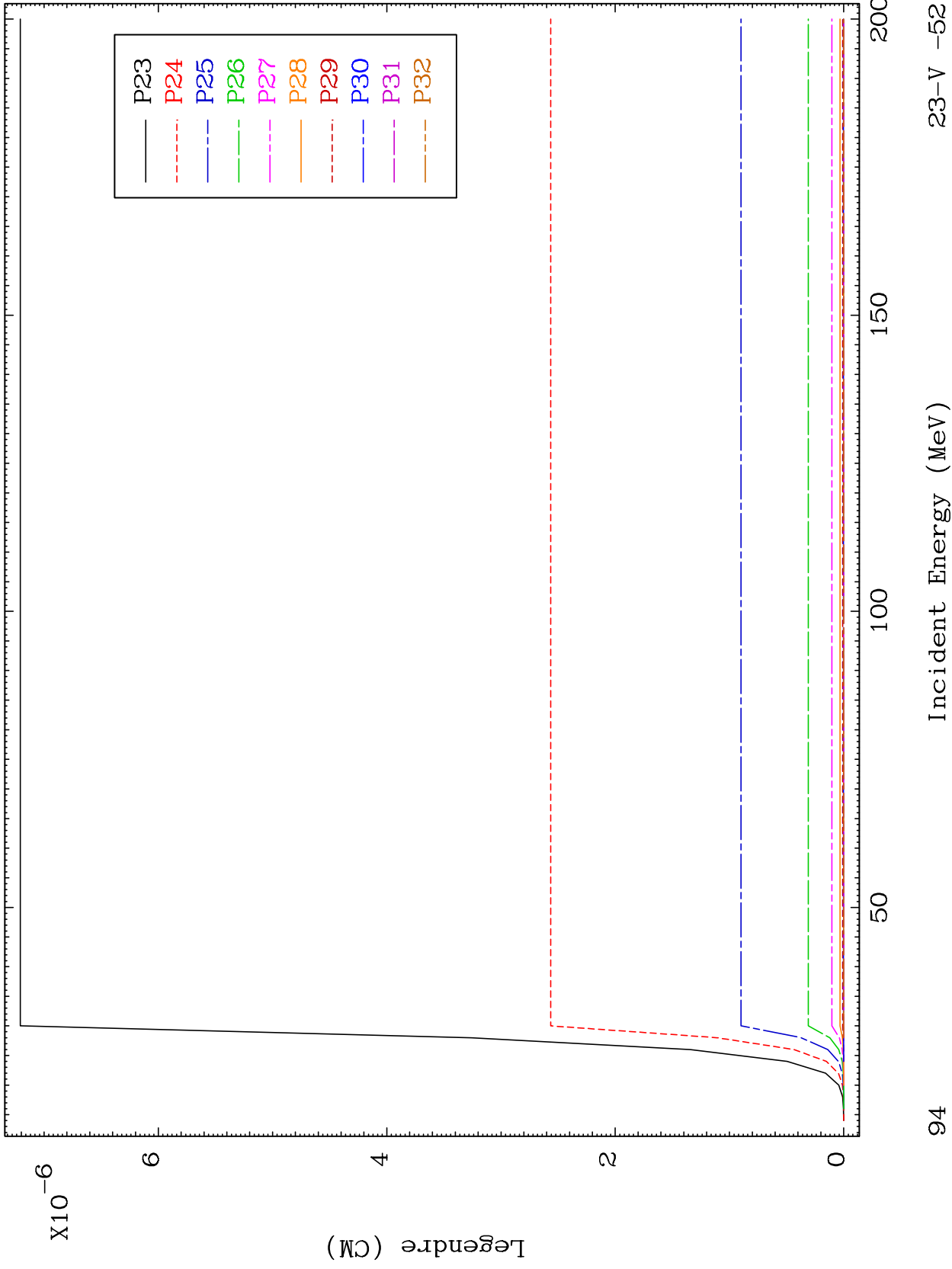
23-V -52



MAT 2331

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

23-V -52



94

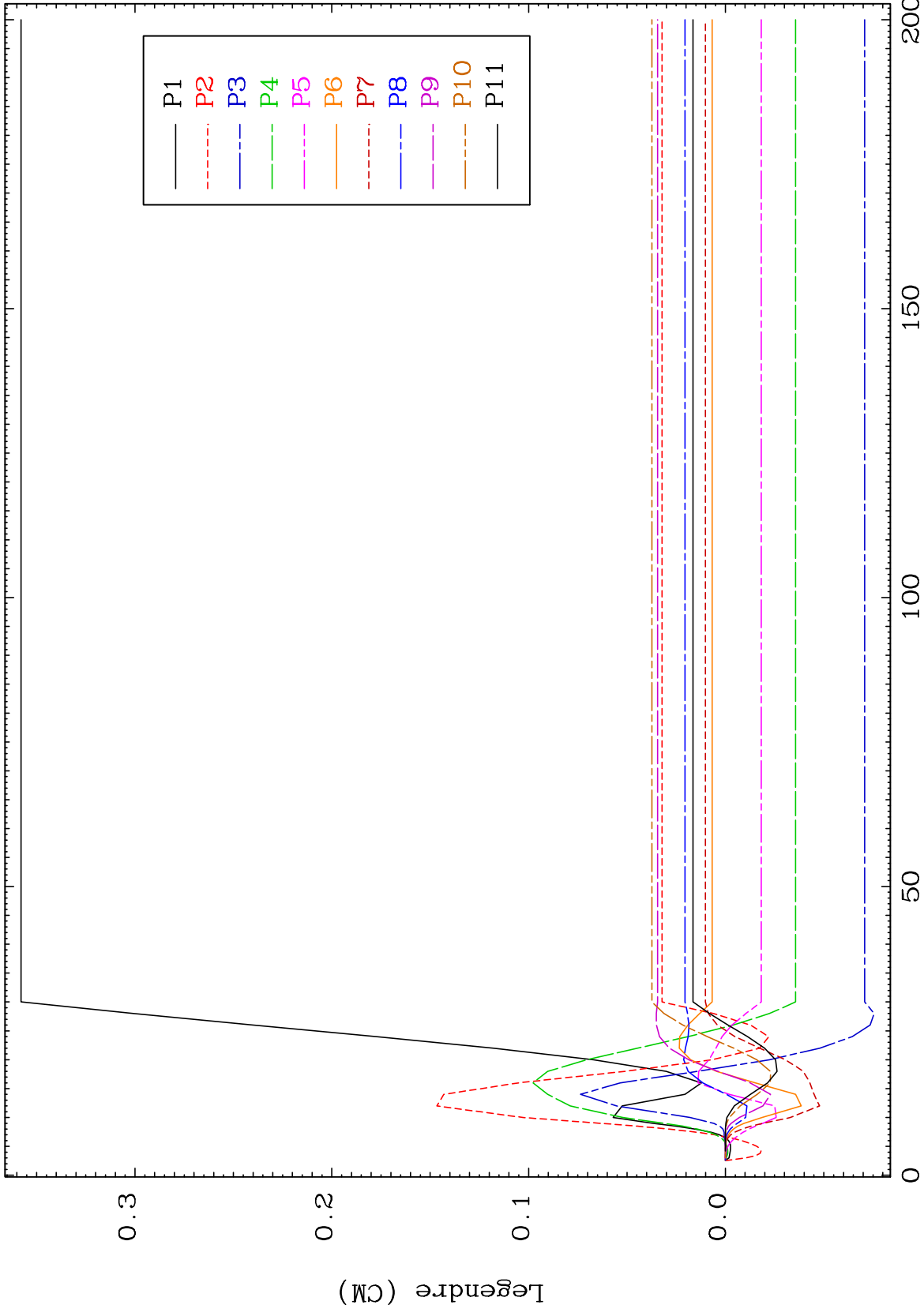
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



95

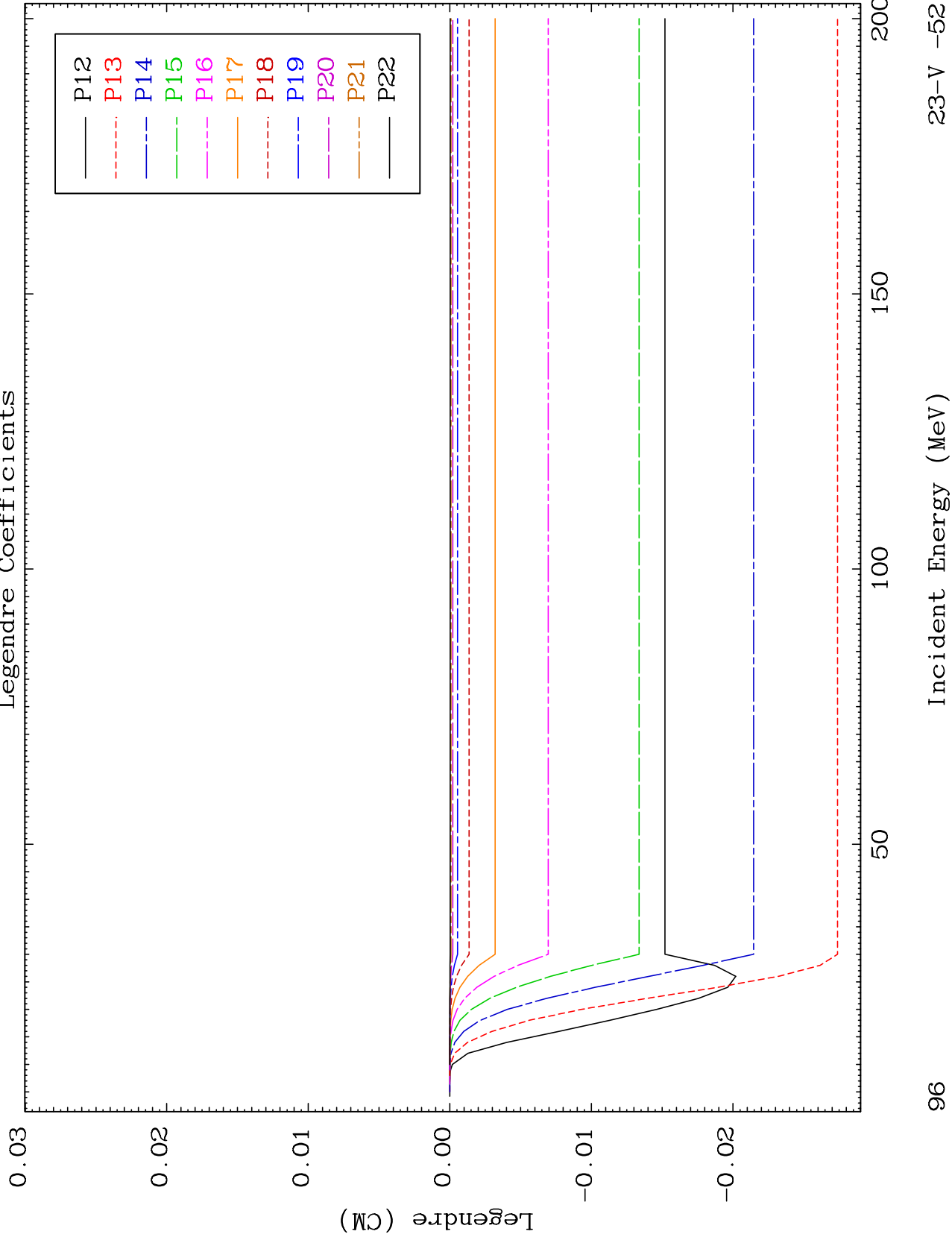
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



96

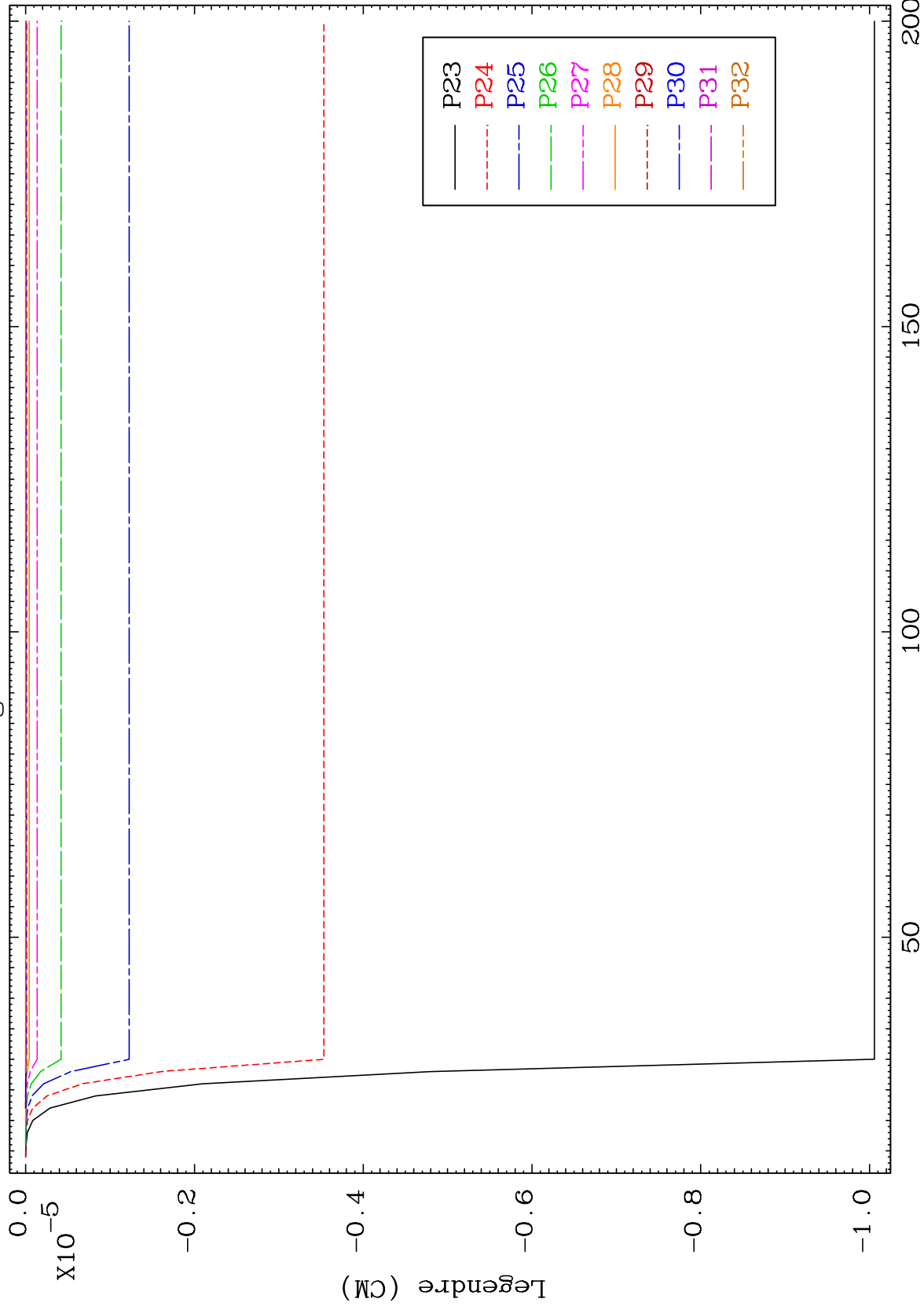
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



97

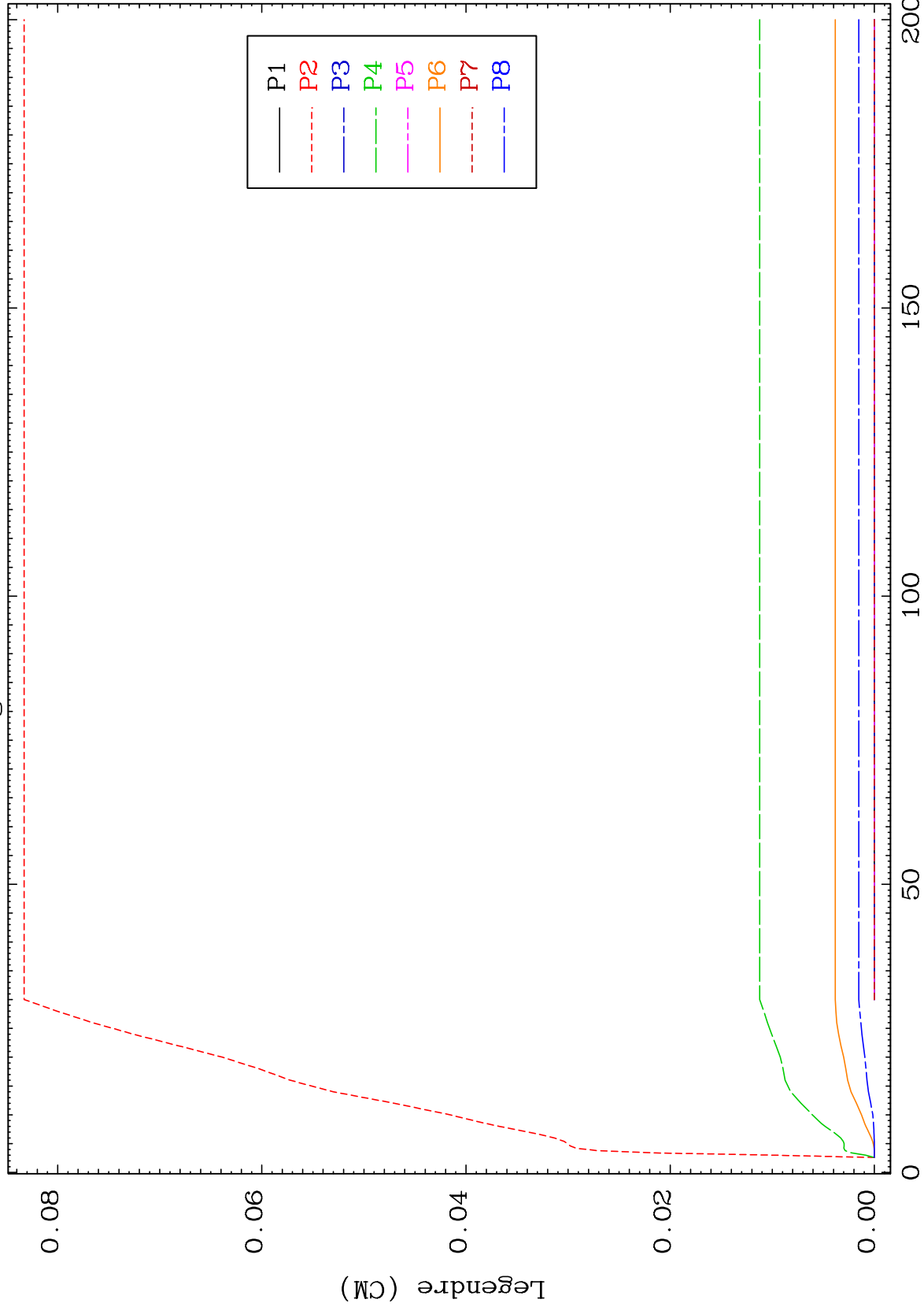
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



98

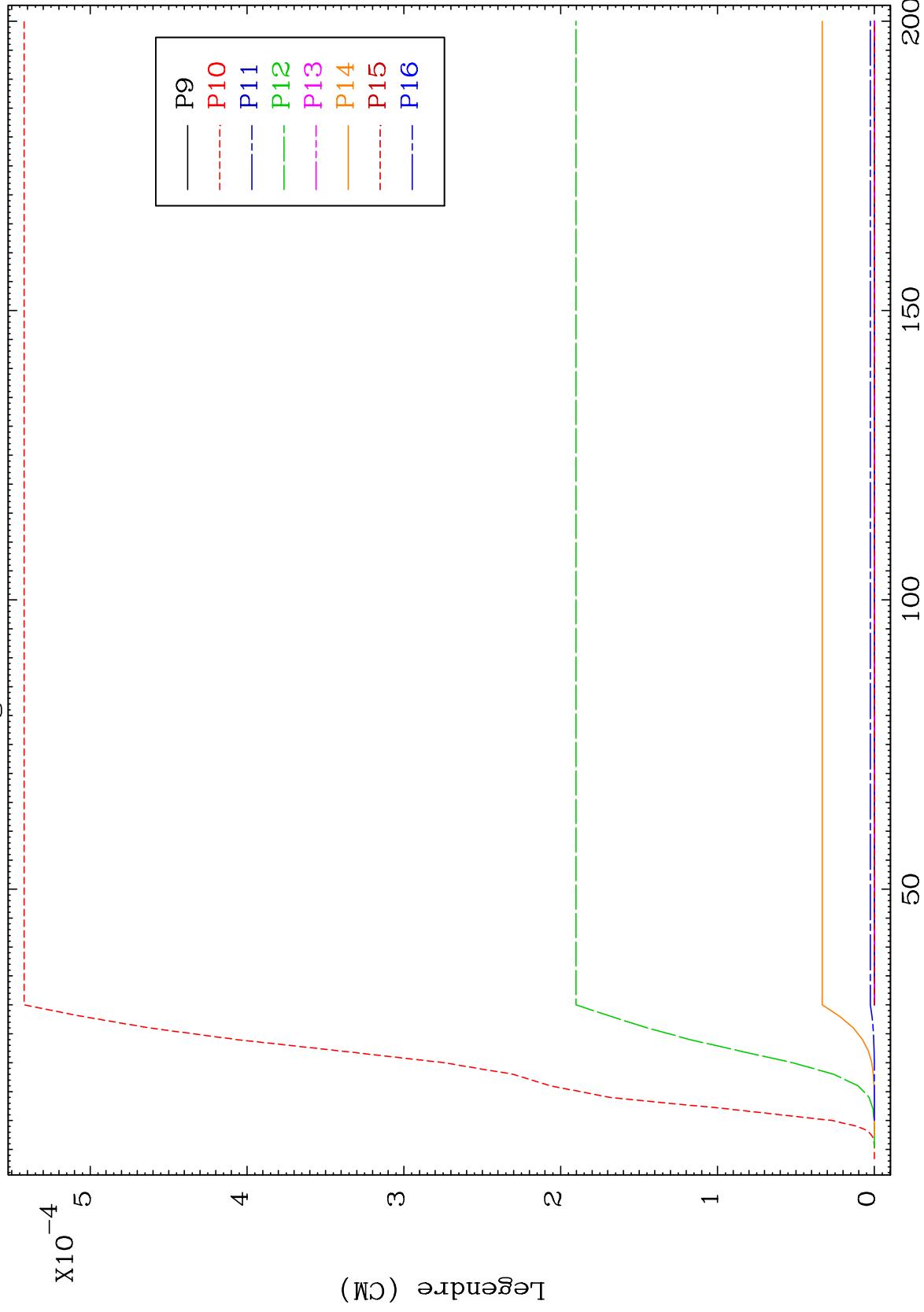
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



99

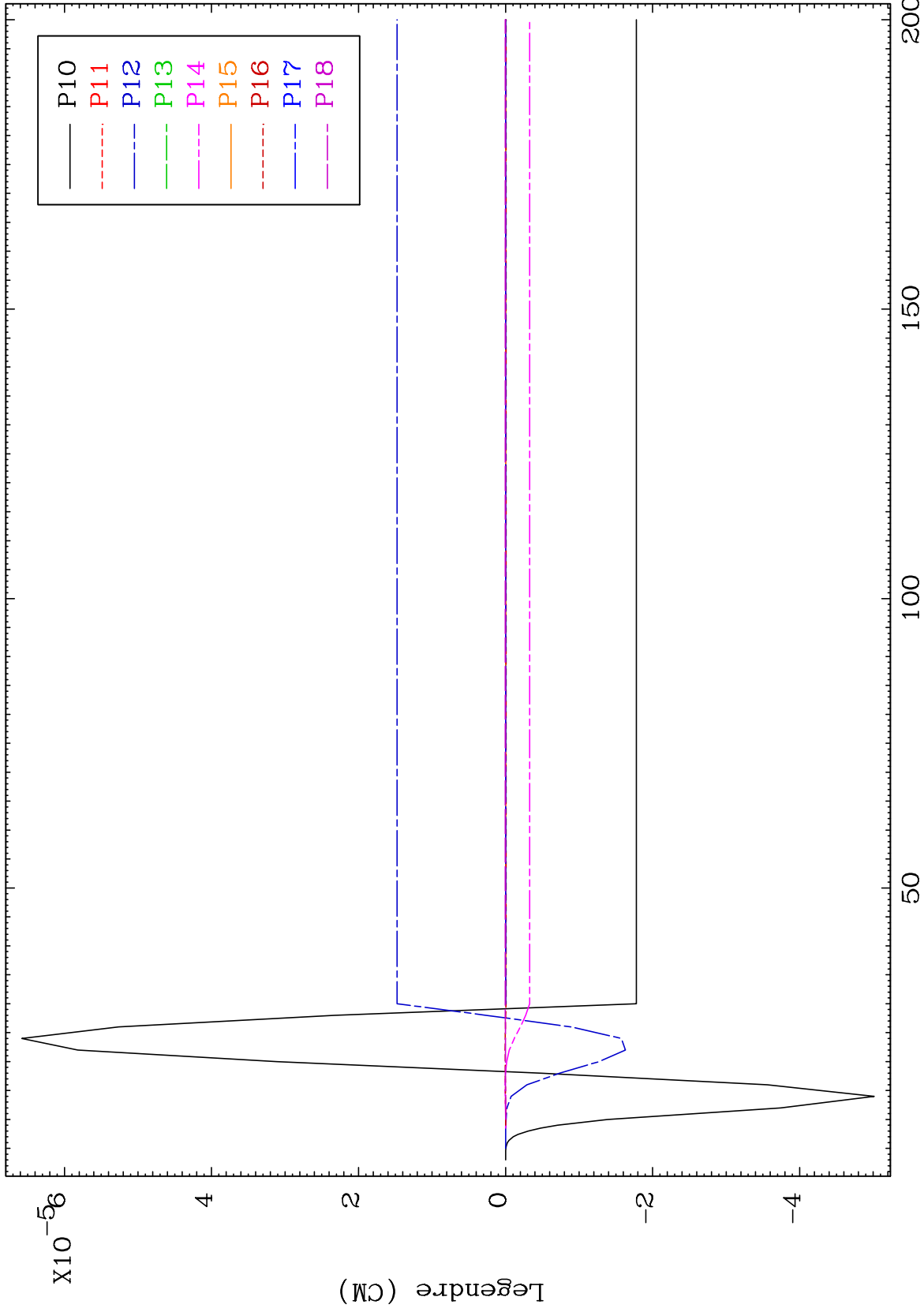
Incident Energy (MeV)

23-V -52

MAT 2331

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

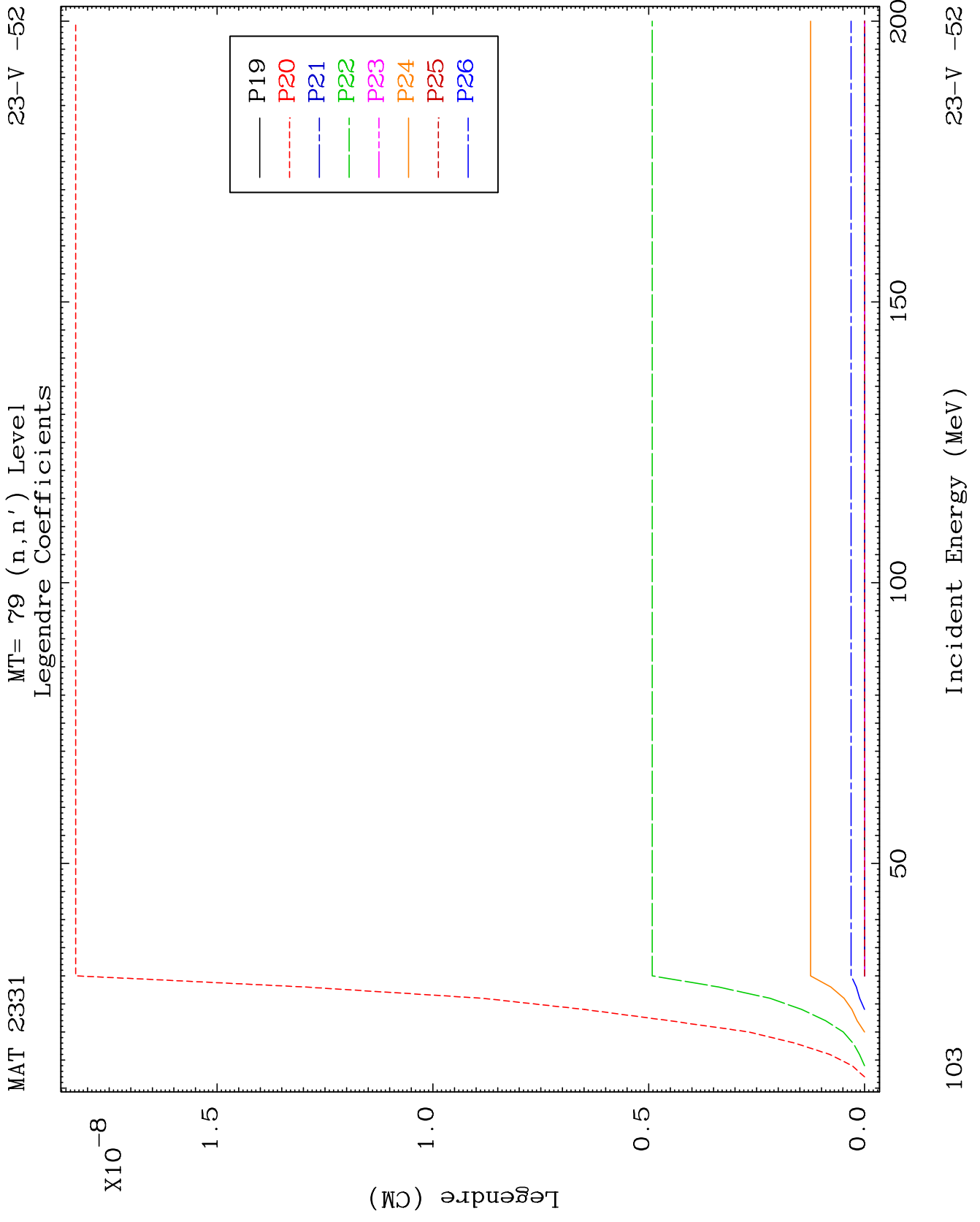
23-V -52



102

Incident Energy (MeV)

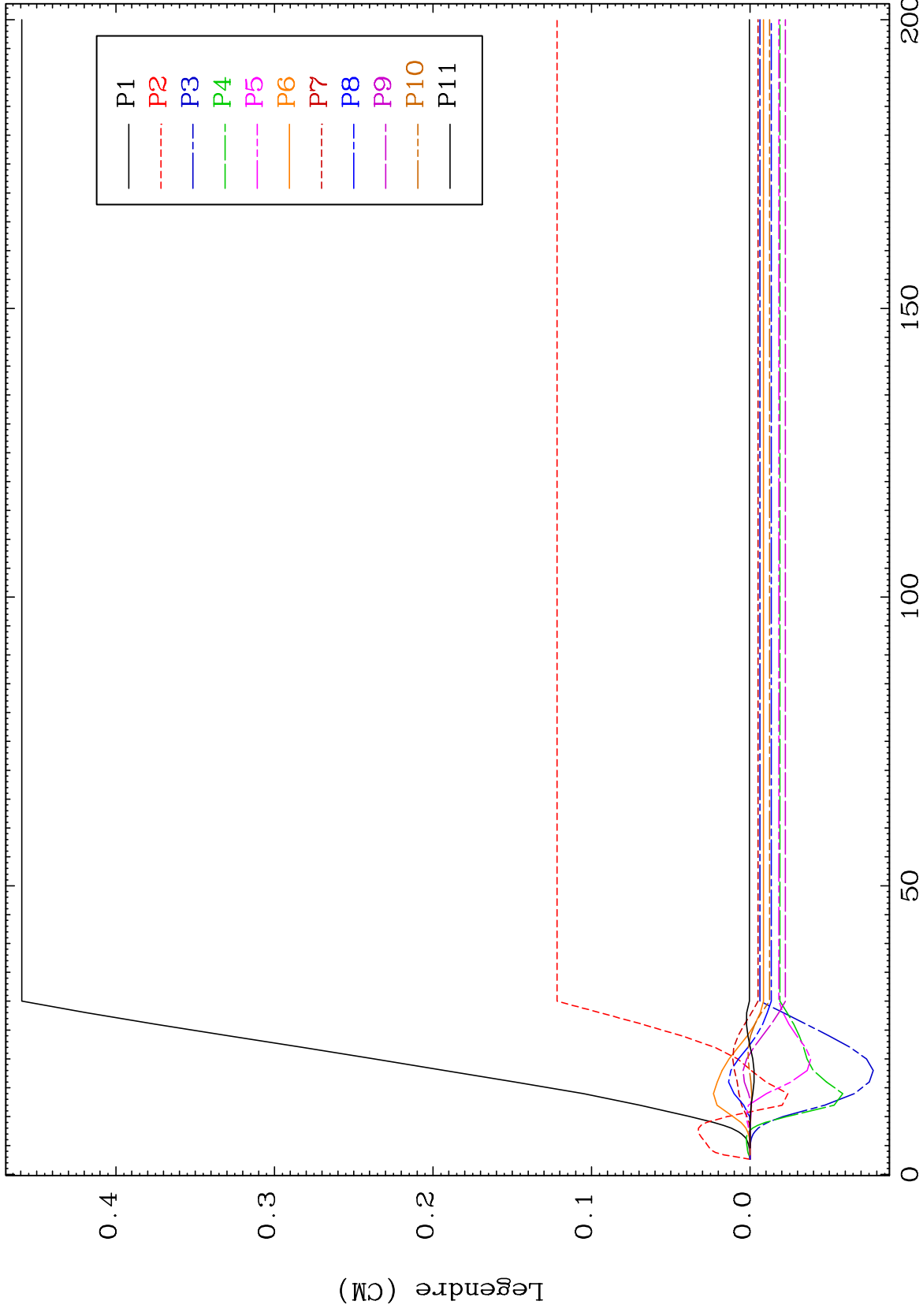
23-V -52



MAT 2331

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

23-V -52



104

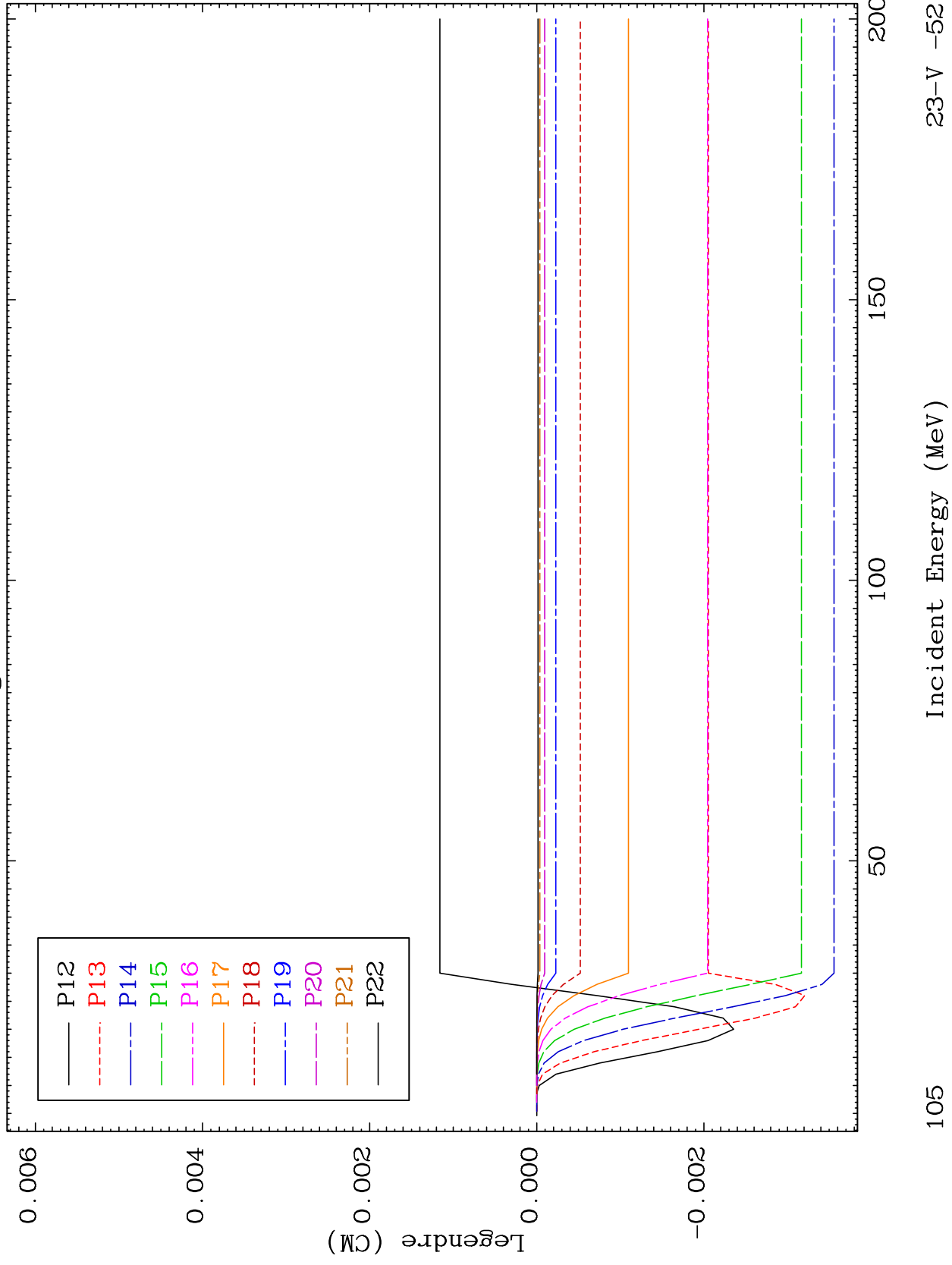
Incident Energy (MeV)

23-V -52

MAT 2331

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

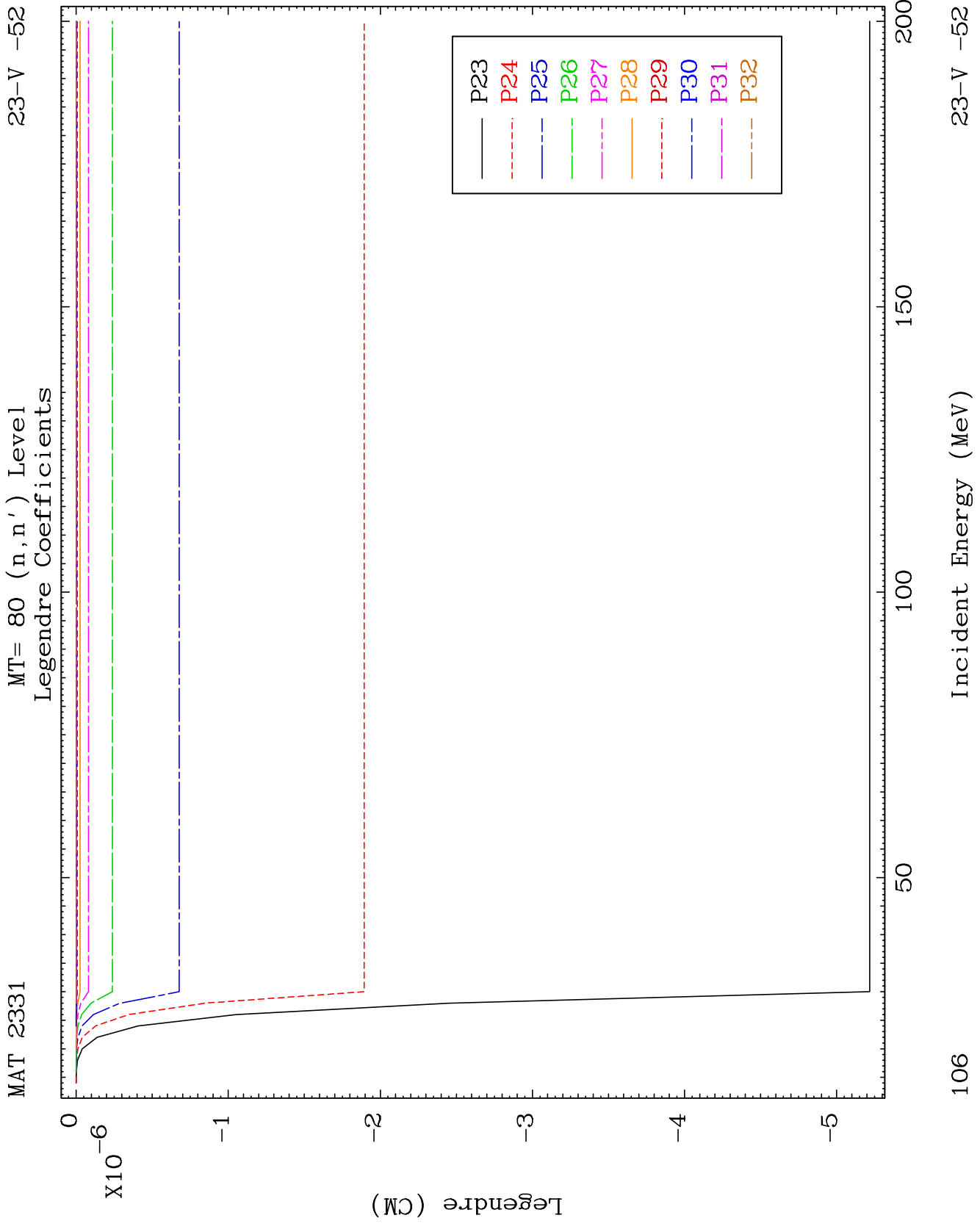
23-V -52



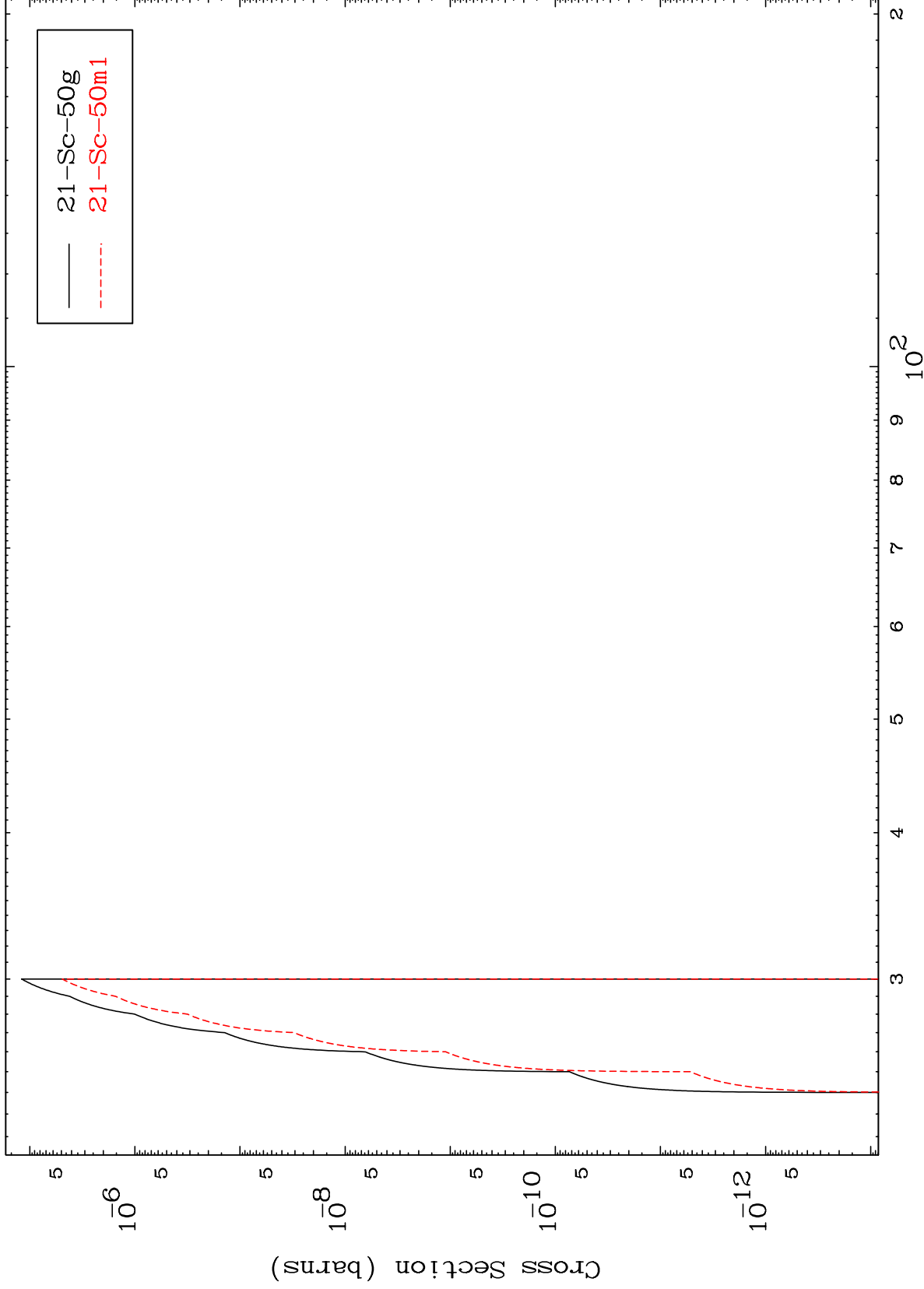
105

Incident Energy (MeV)

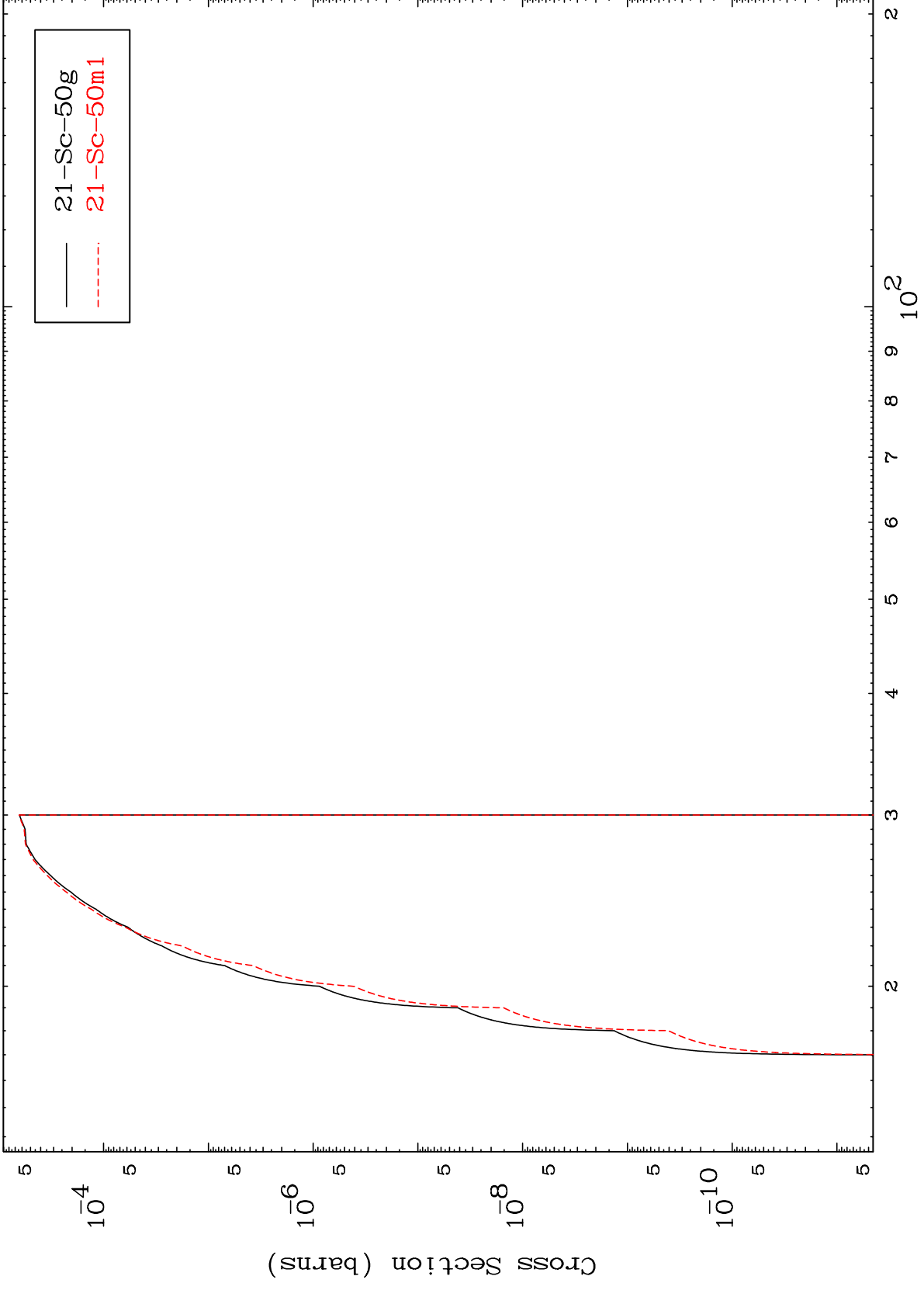
23-V -52



Radionuclide Production Cross Section



(n,He-3)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

