

Program EVALPLOT
(Version 2021-1)

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

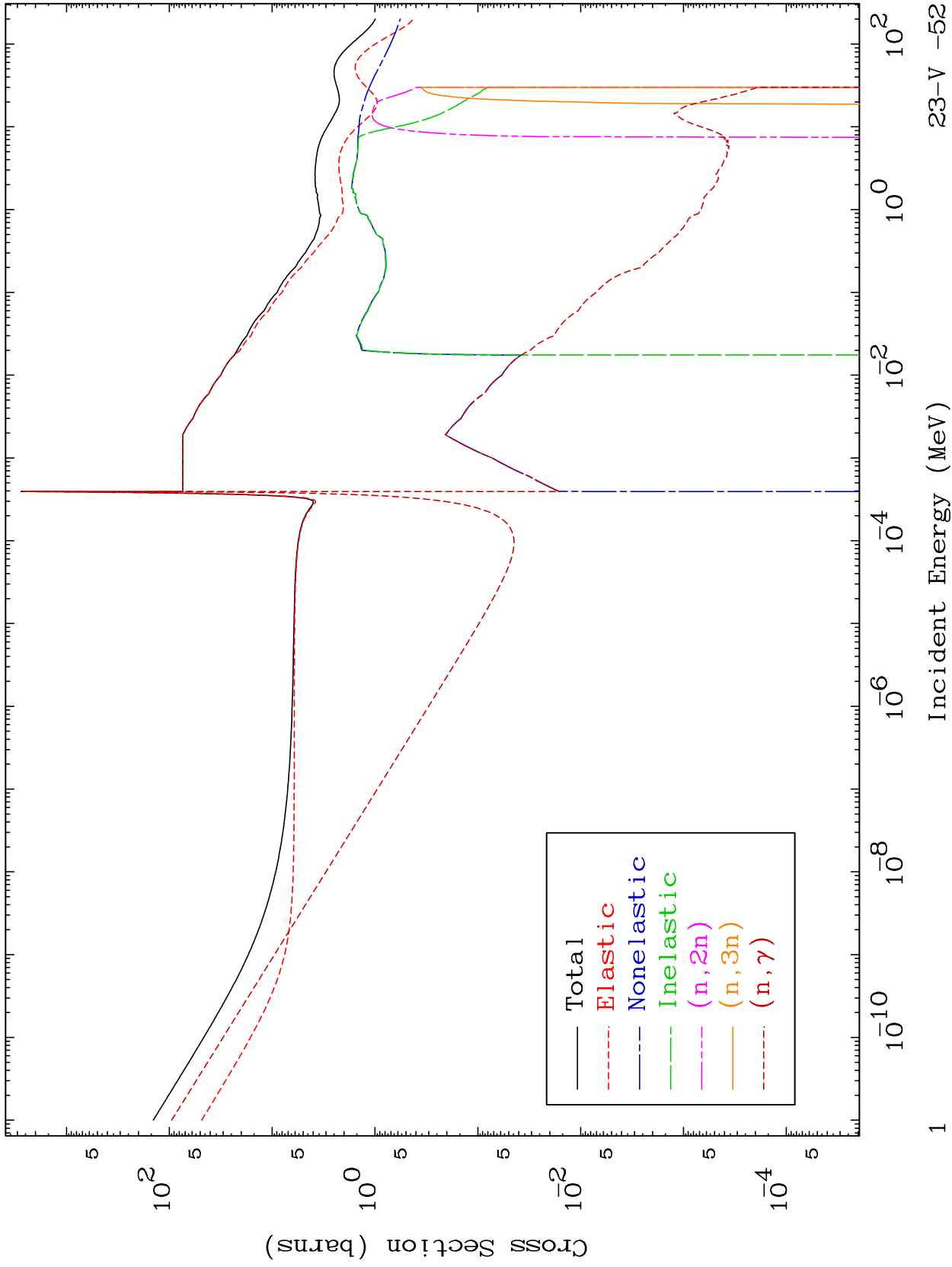
Web:redcullen1.net/HOMEPAGE.NEW

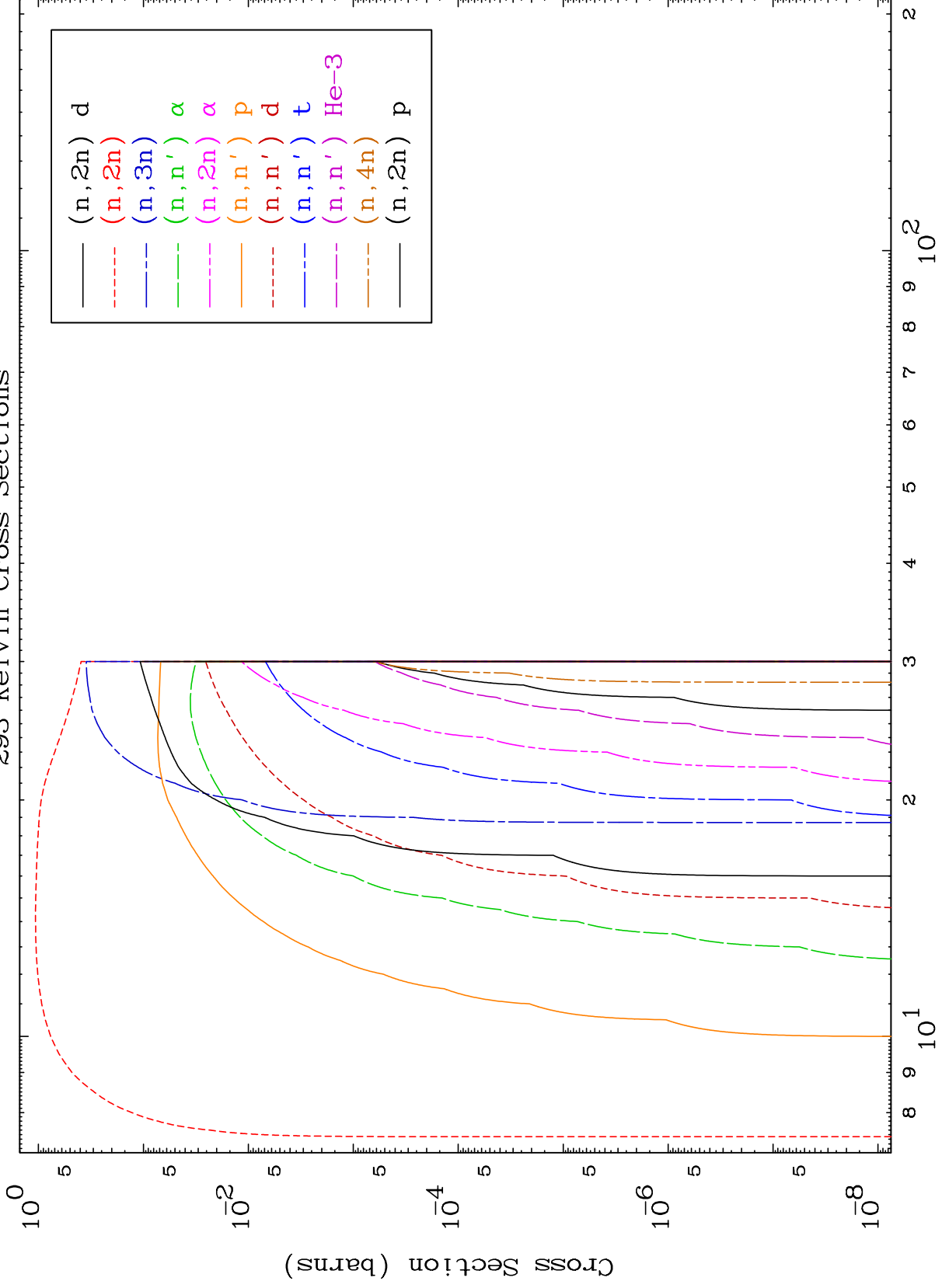
Press Mouse Button to Start

MAT 2331

Neutron Major
293 Kelvin Cross Sections

23-V -52

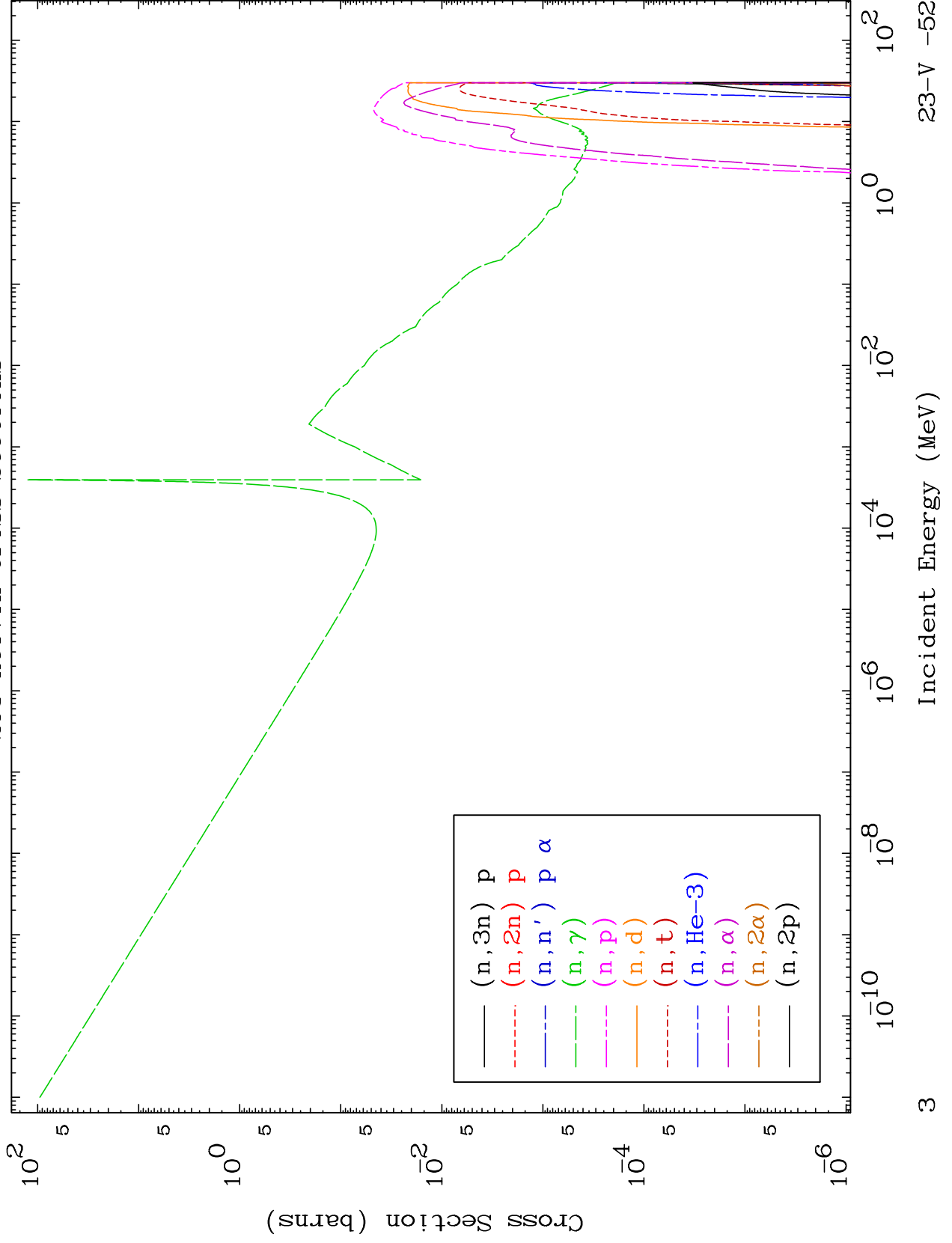


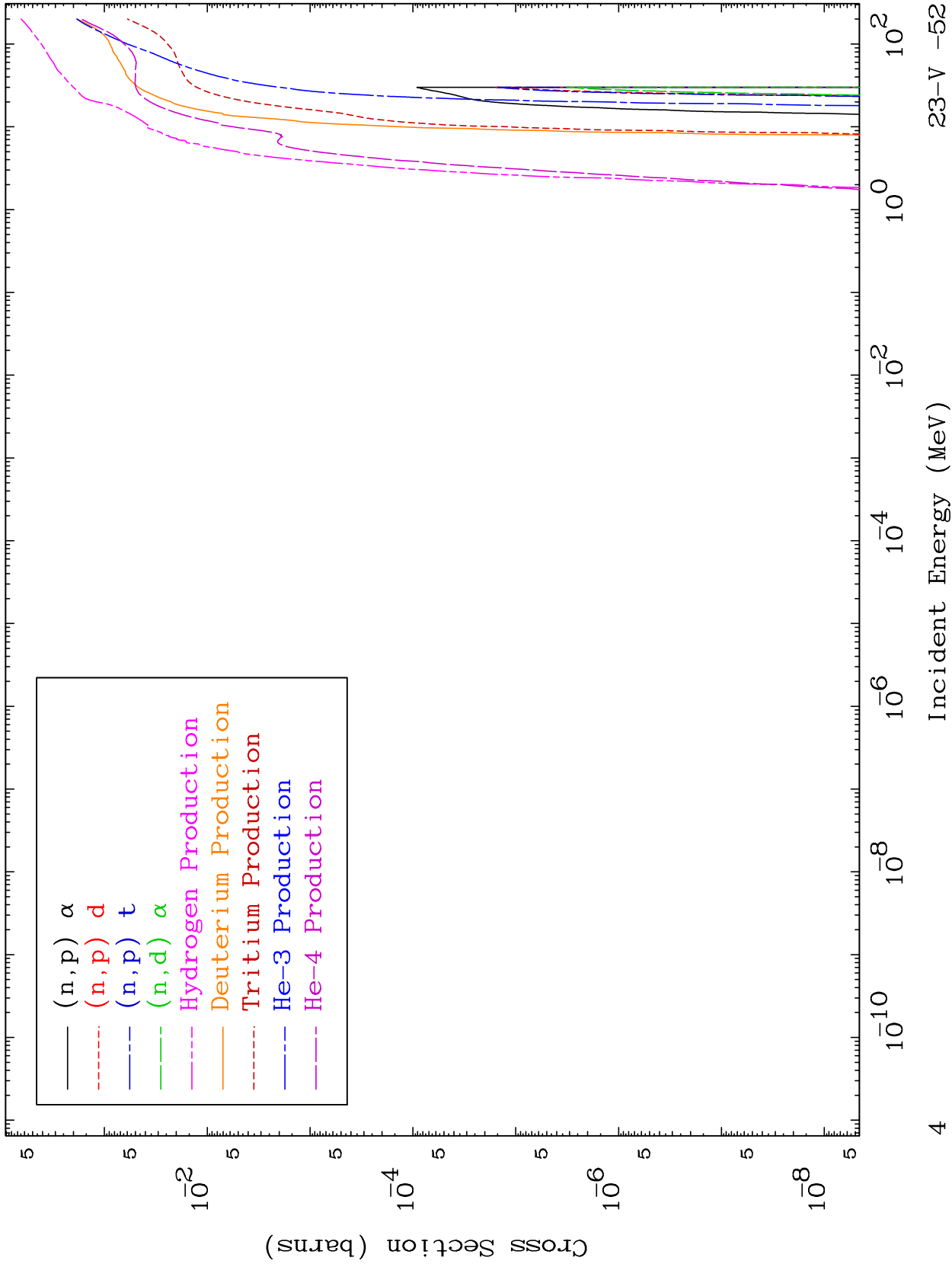


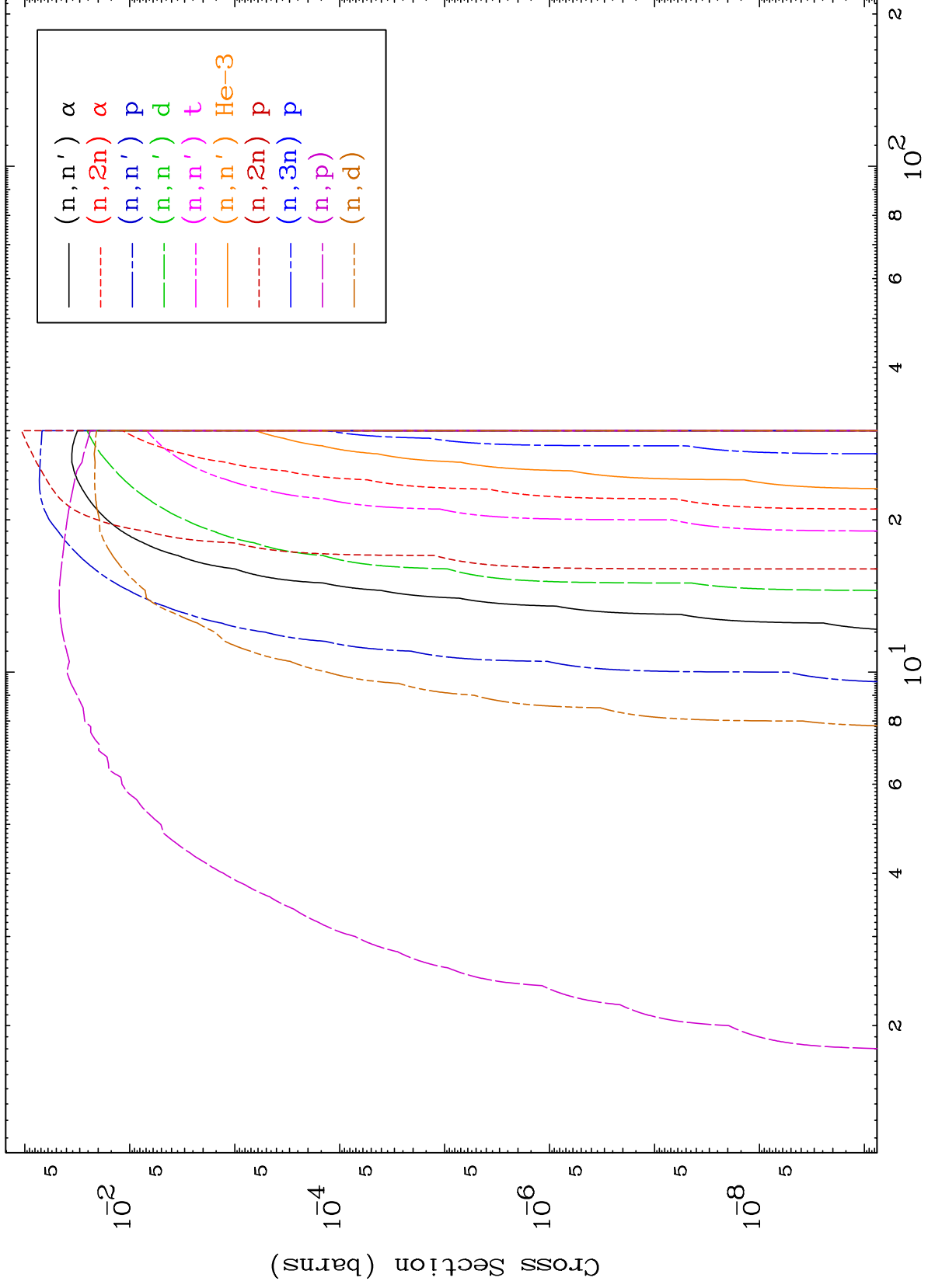
MAT 2331

Neutron Absorption
293 Kelvin Cross Sections

23-V -52



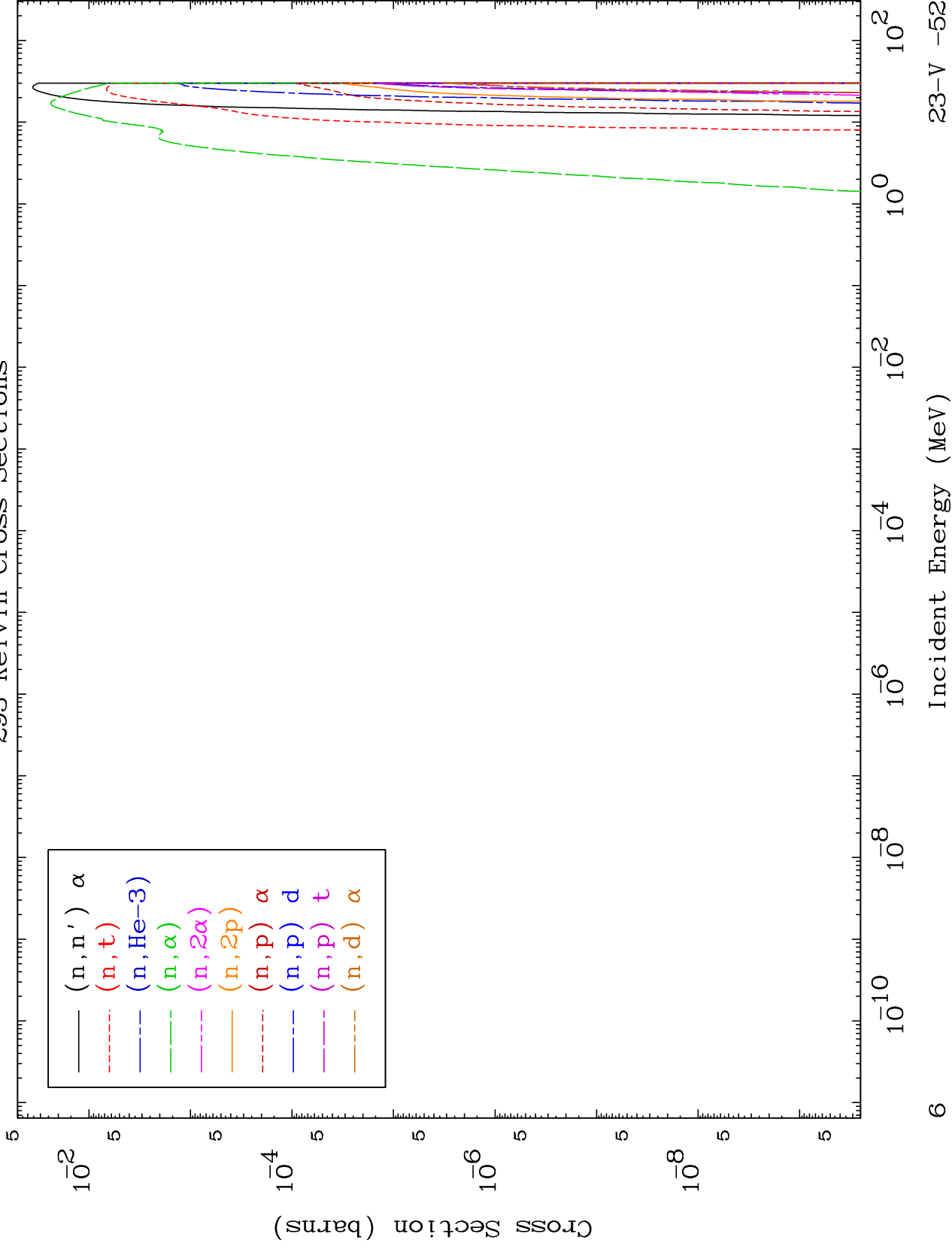


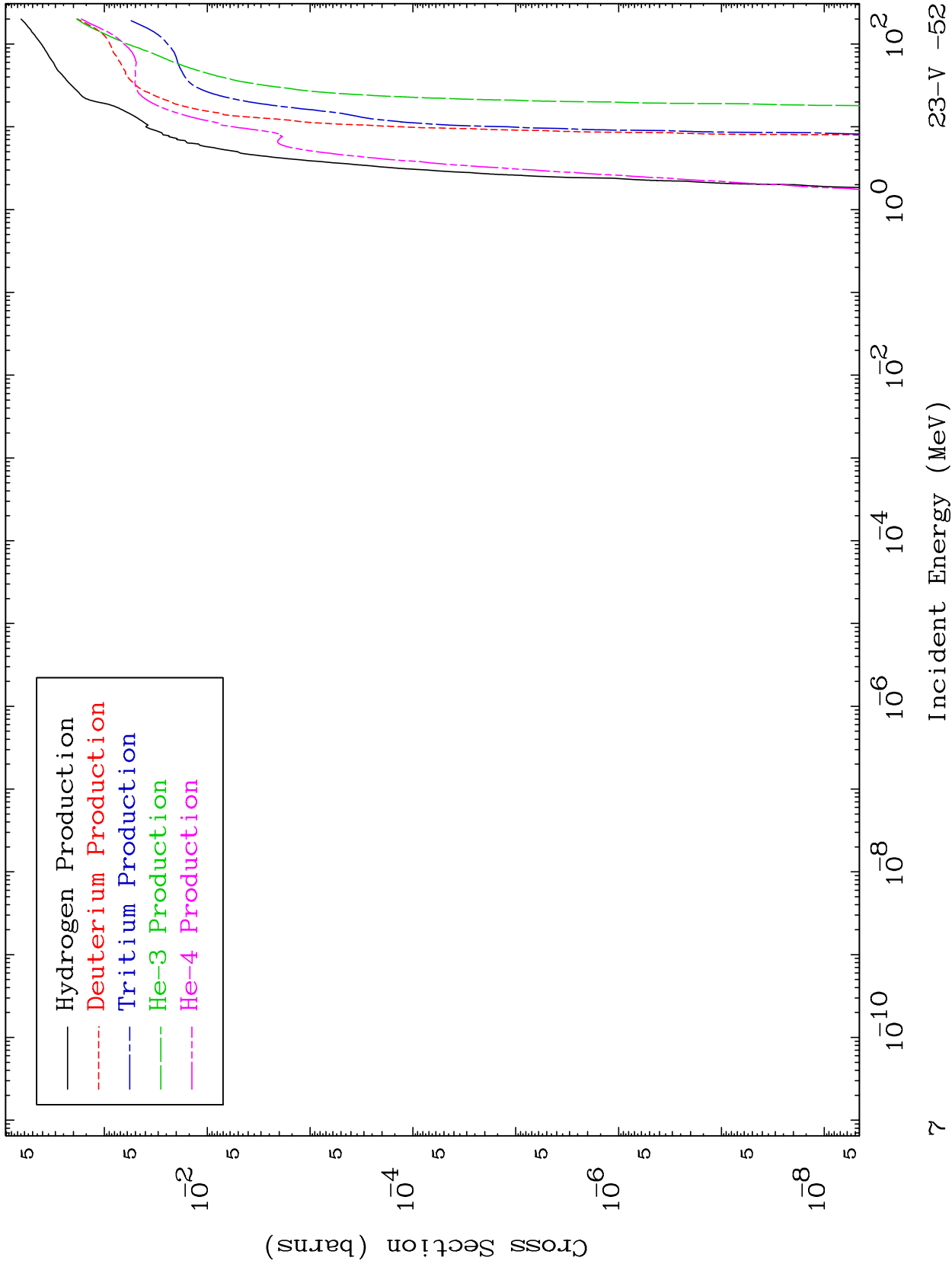


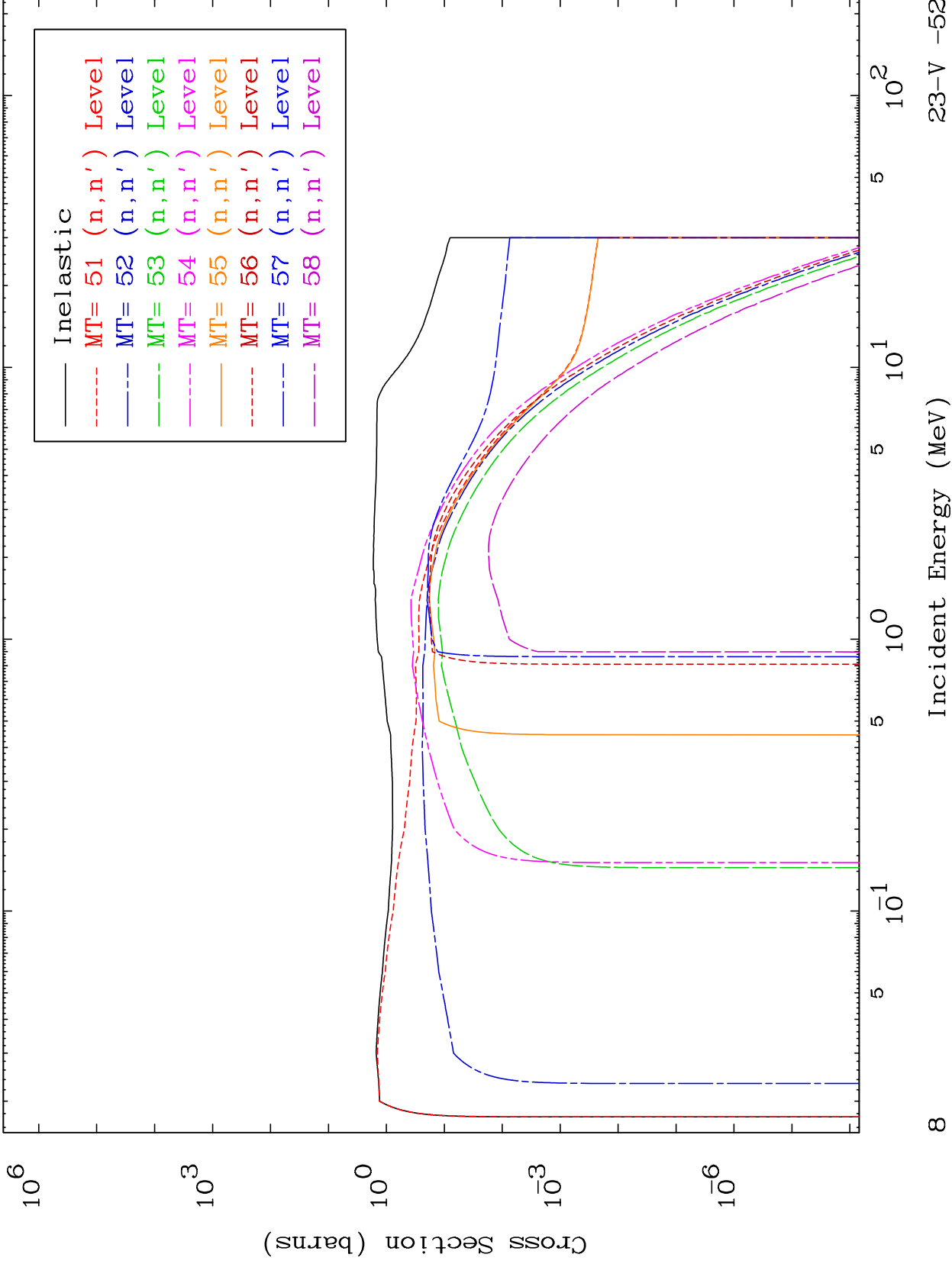
MAT 2331

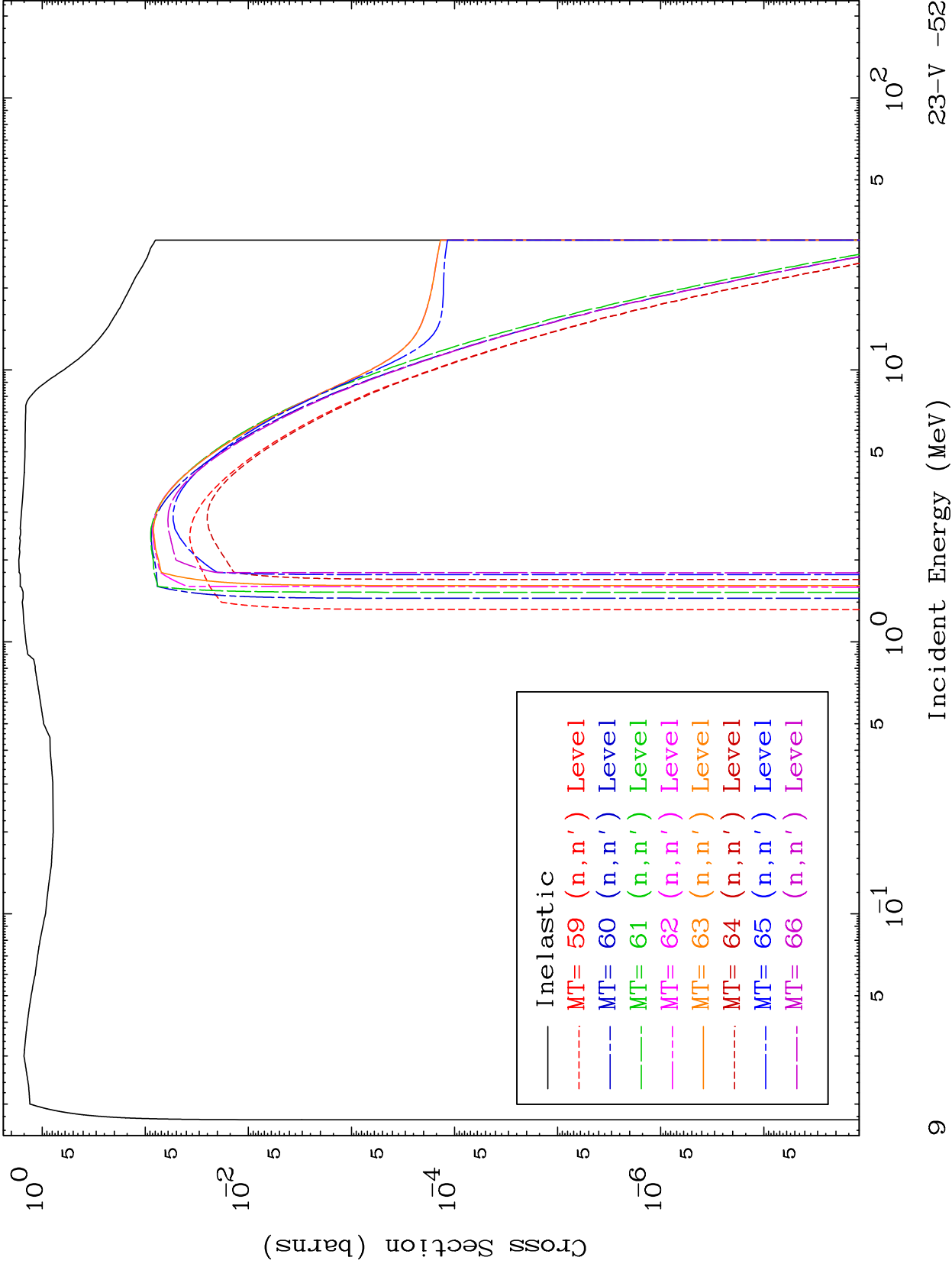
Charged Particle
293 Kelvin Cross Sections

23-V -52





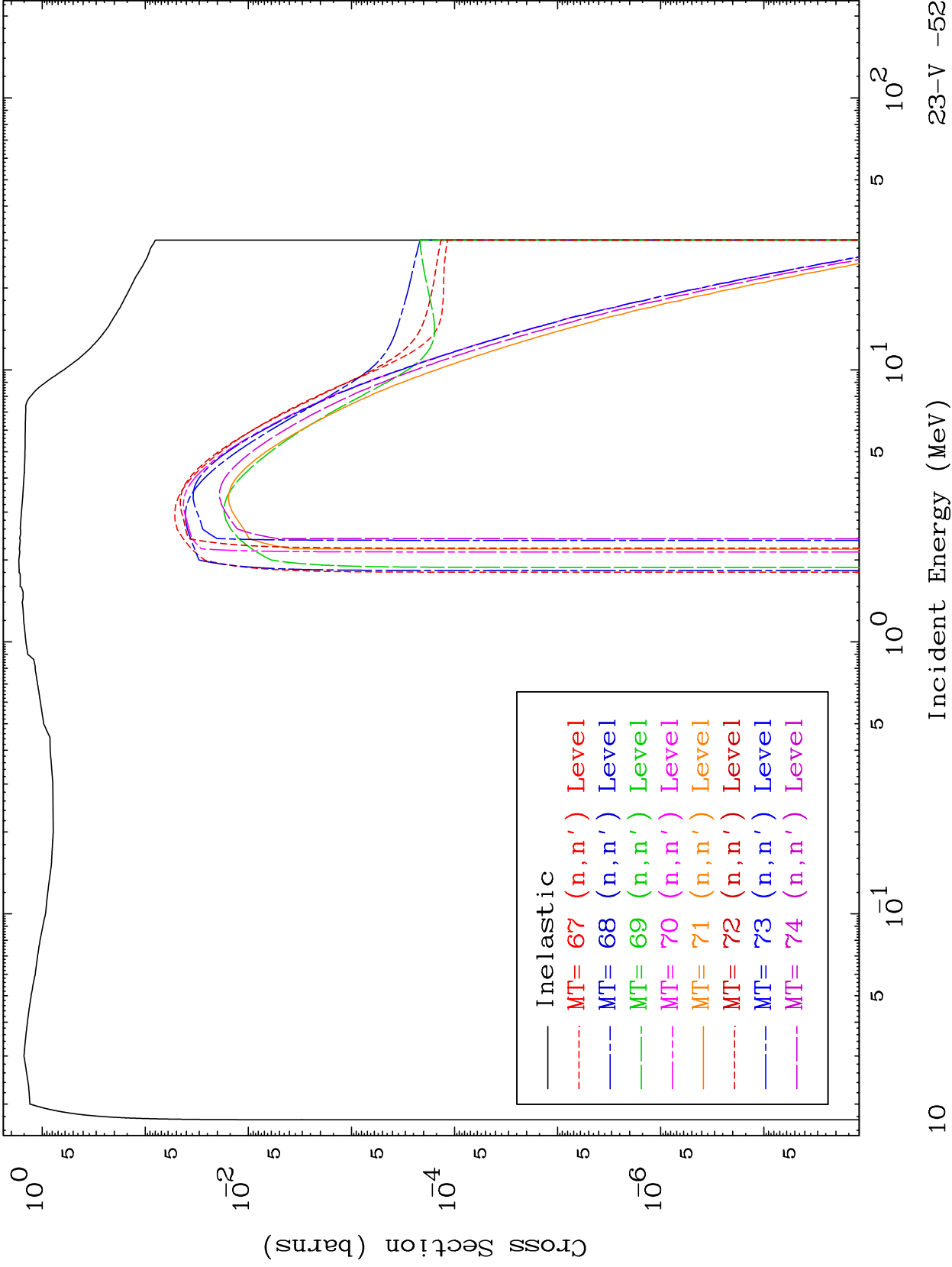




MAT 2331

293 Kelvin Cross Sections
(n,n') Levels

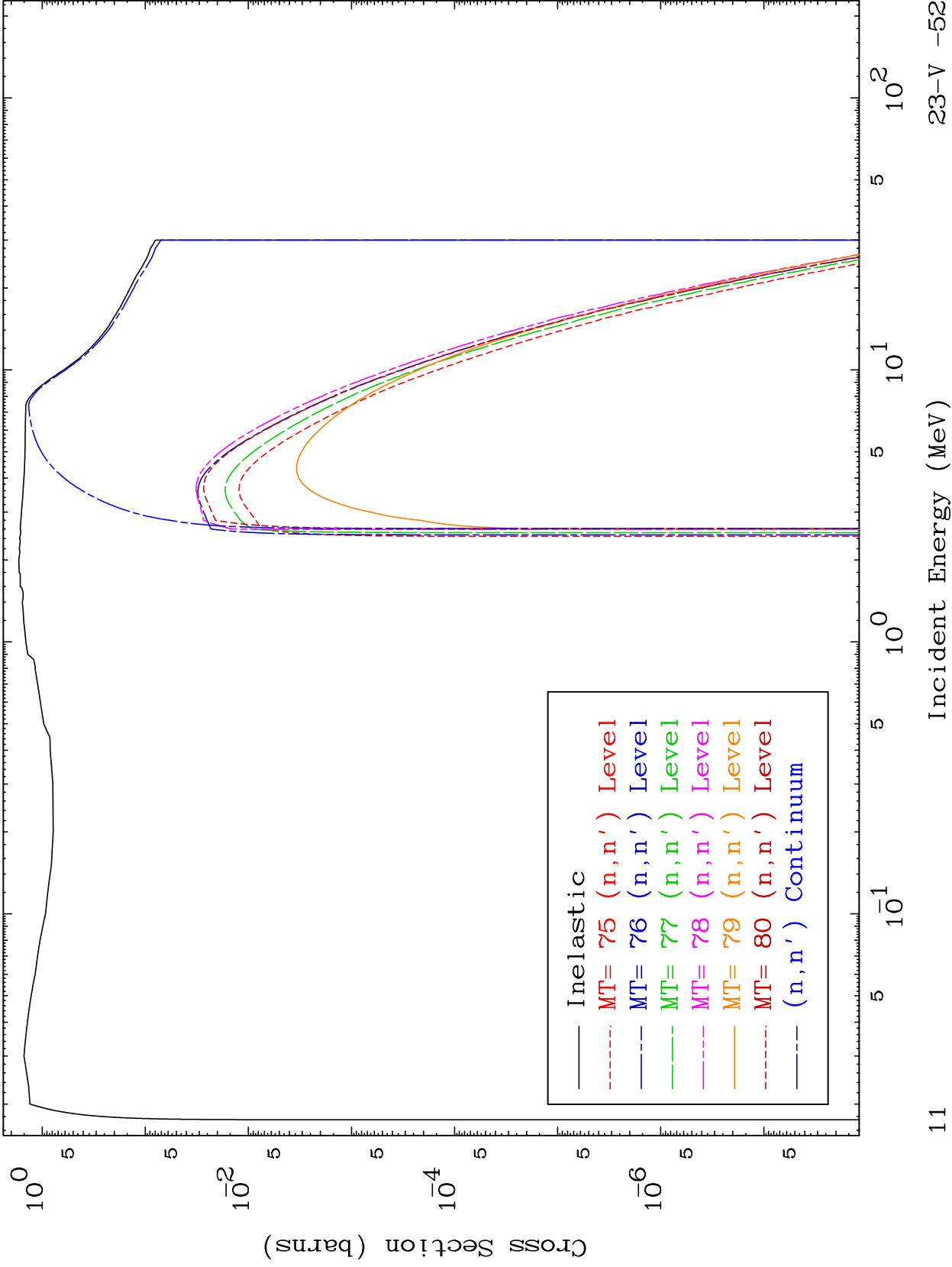
23-V -52



10

Incident Energy (MeV)

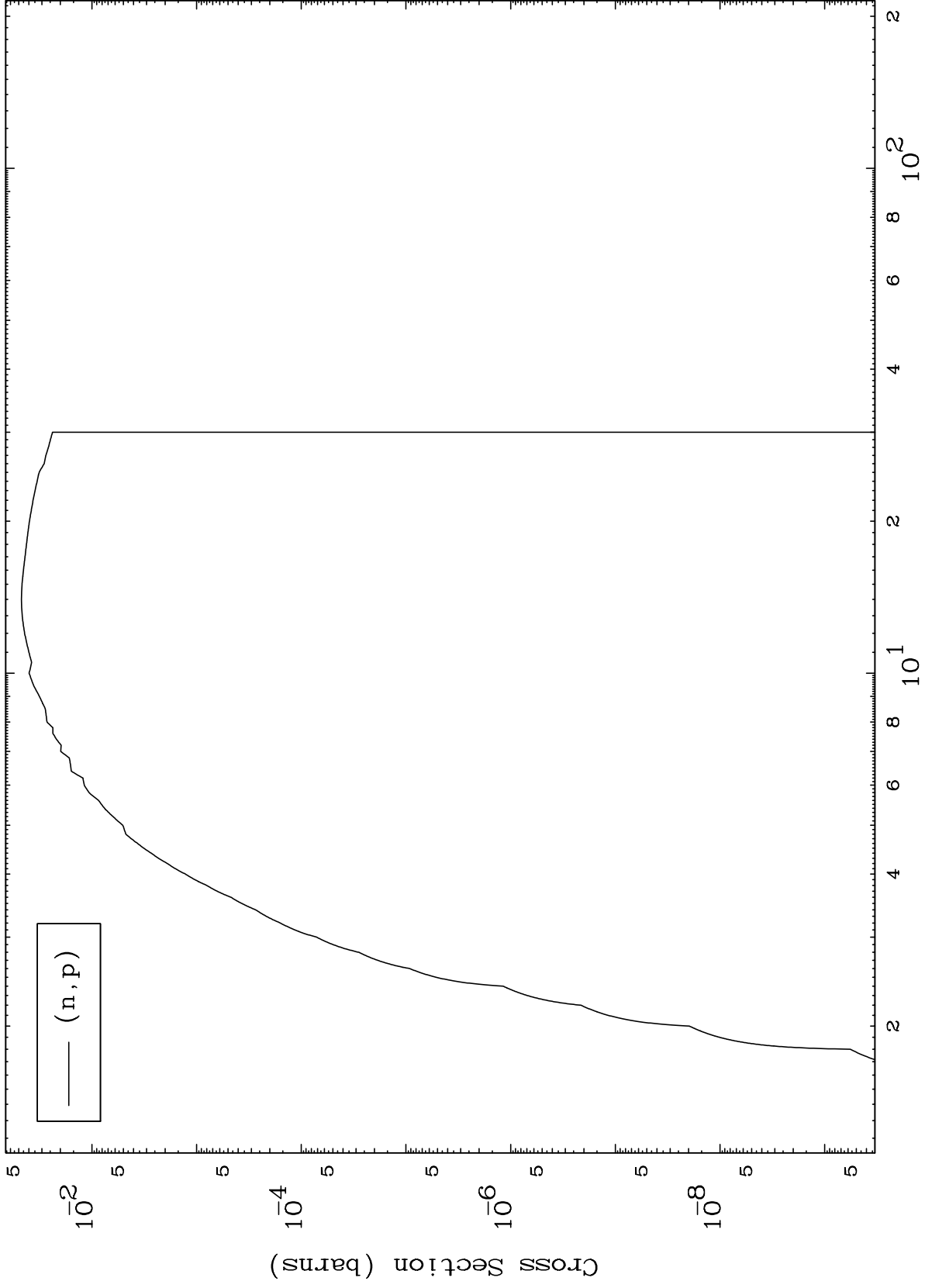
23-V -52



MAT 2331

(n,p) Levels
293 Kelvin Cross Sections

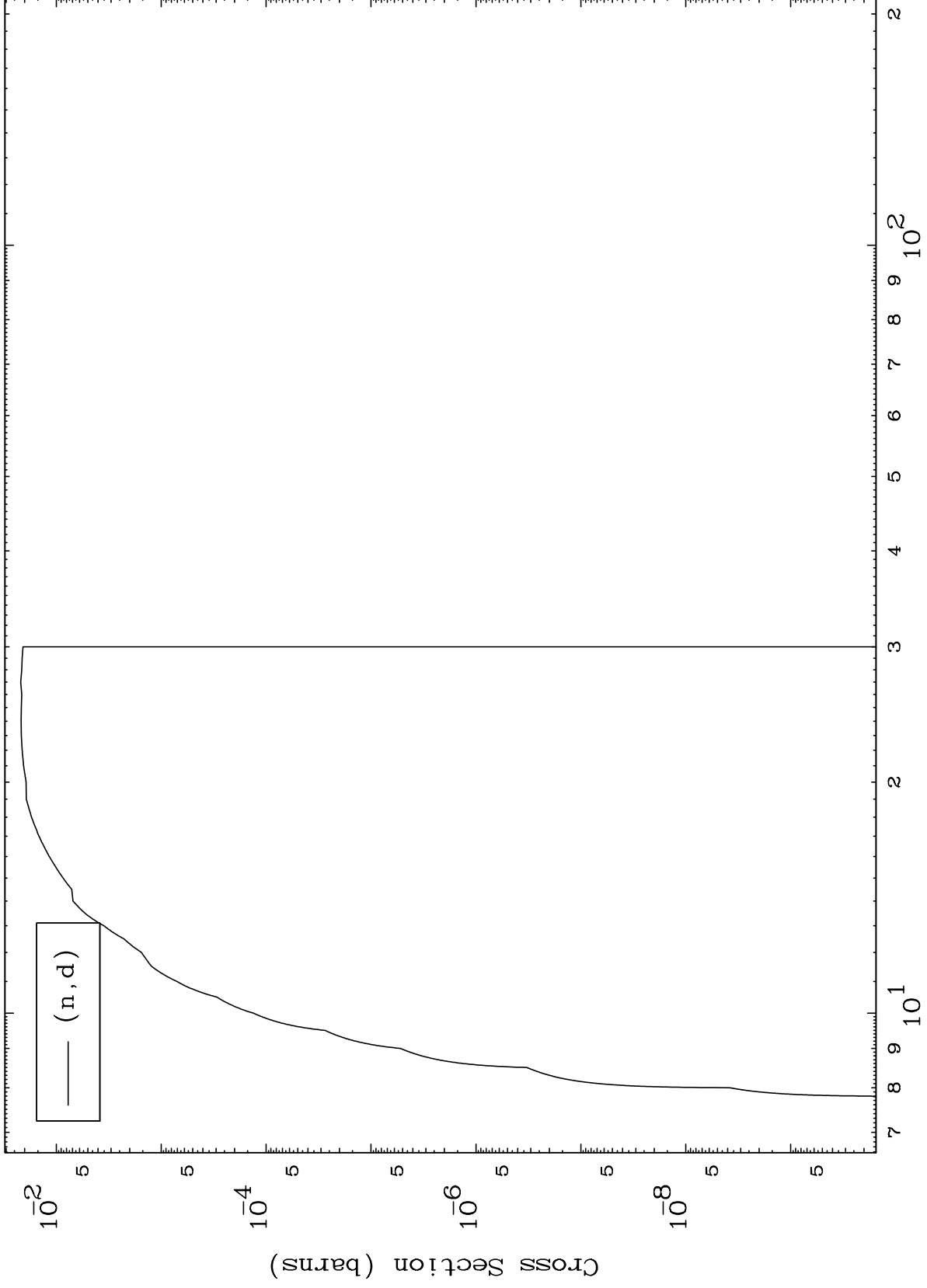
23-V -52



MAT 2331

(n,d) Levels
293 Kelvin Cross Sections

23-V -52



13

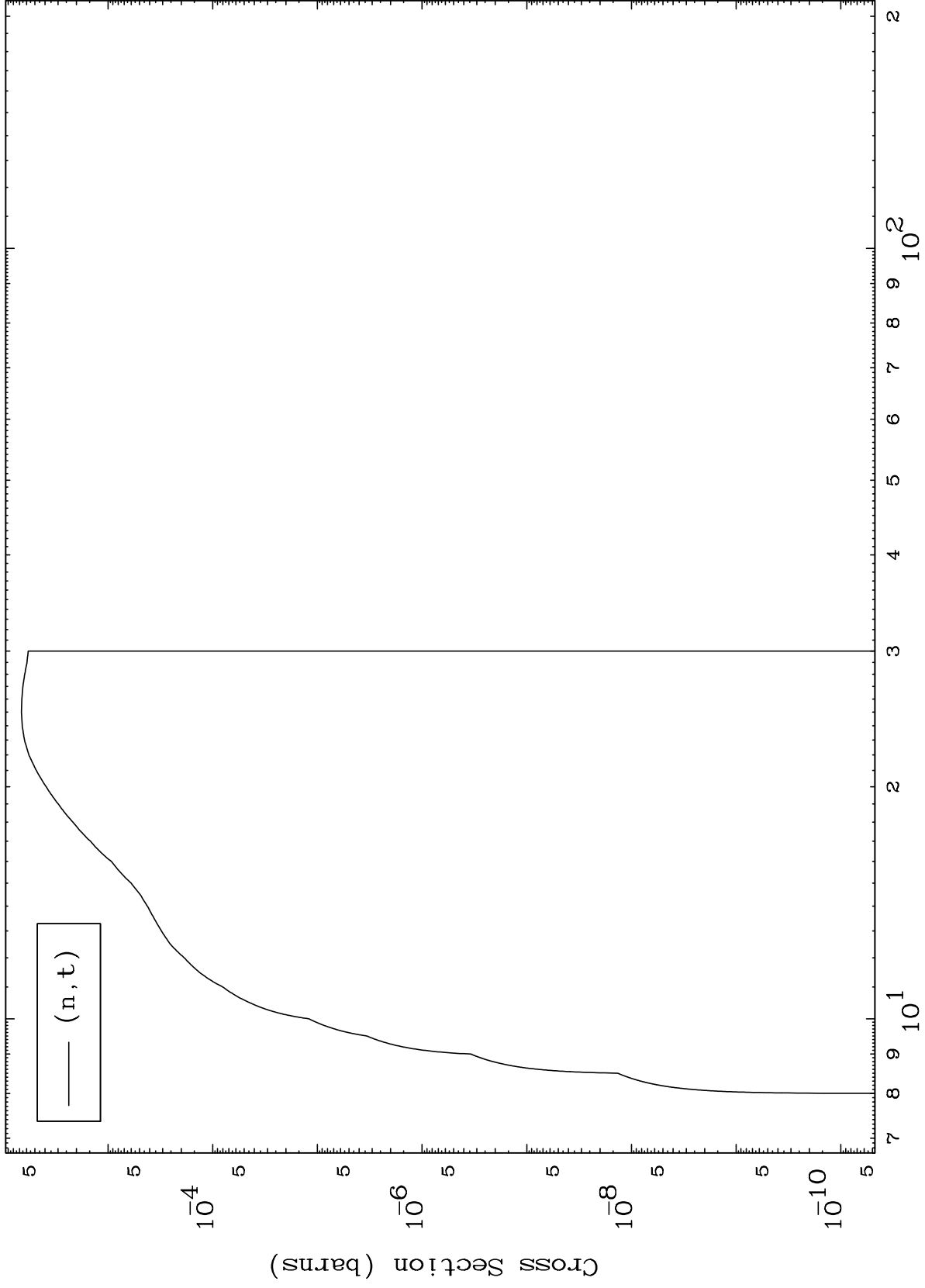
Incident Energy (MeV)

23-V -52

MAT 2331

(n,t) Levels
293 Kelvin Cross Sections

23-V -52



14

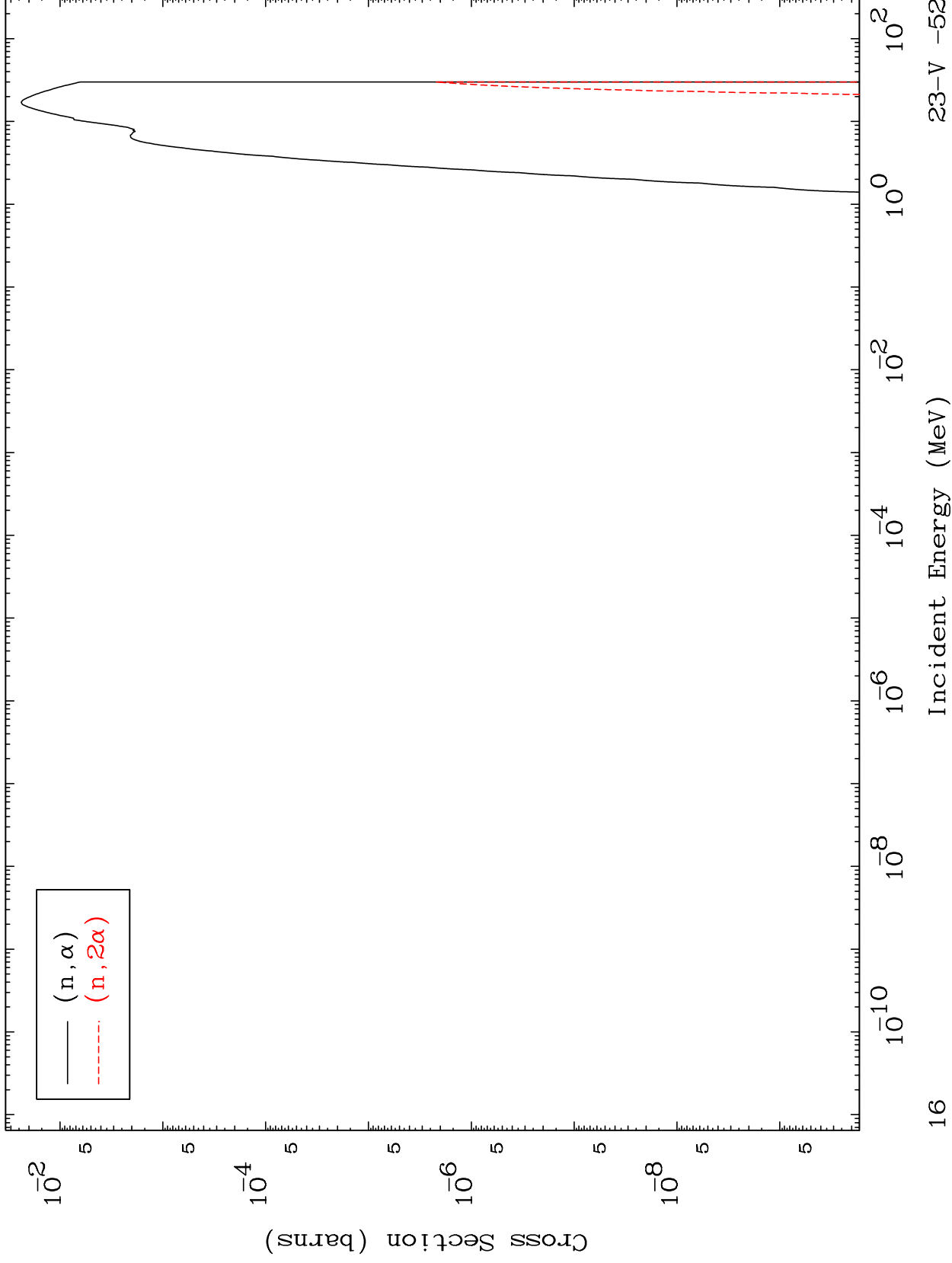
Incident Energy (MeV)

23-V -52

MAT 2331

(n, α) Levels
293 Kelvin Cross Sections

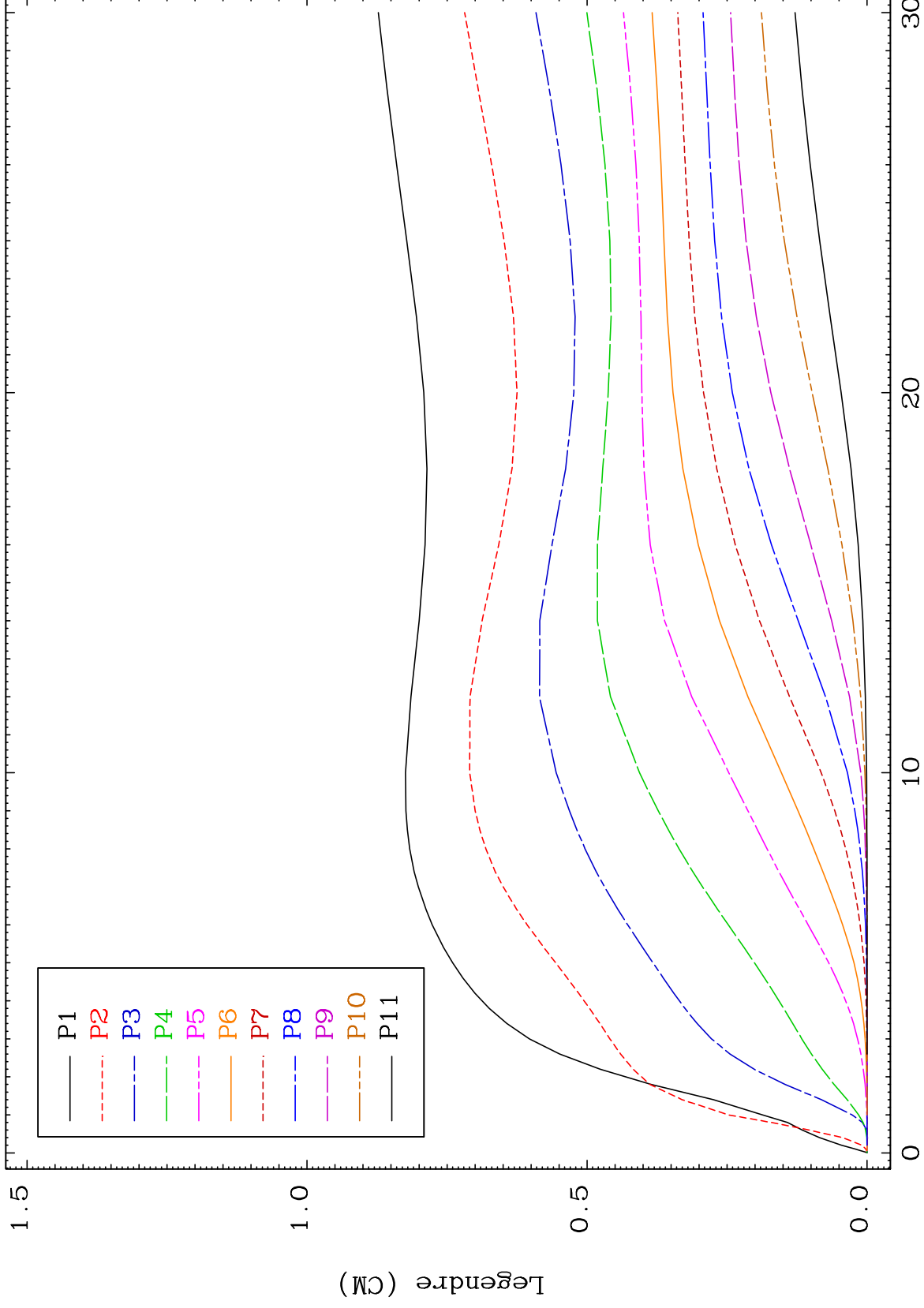
23-V -52



MAT 2331

Elastic Legendre Coefficients

23-V -52



17

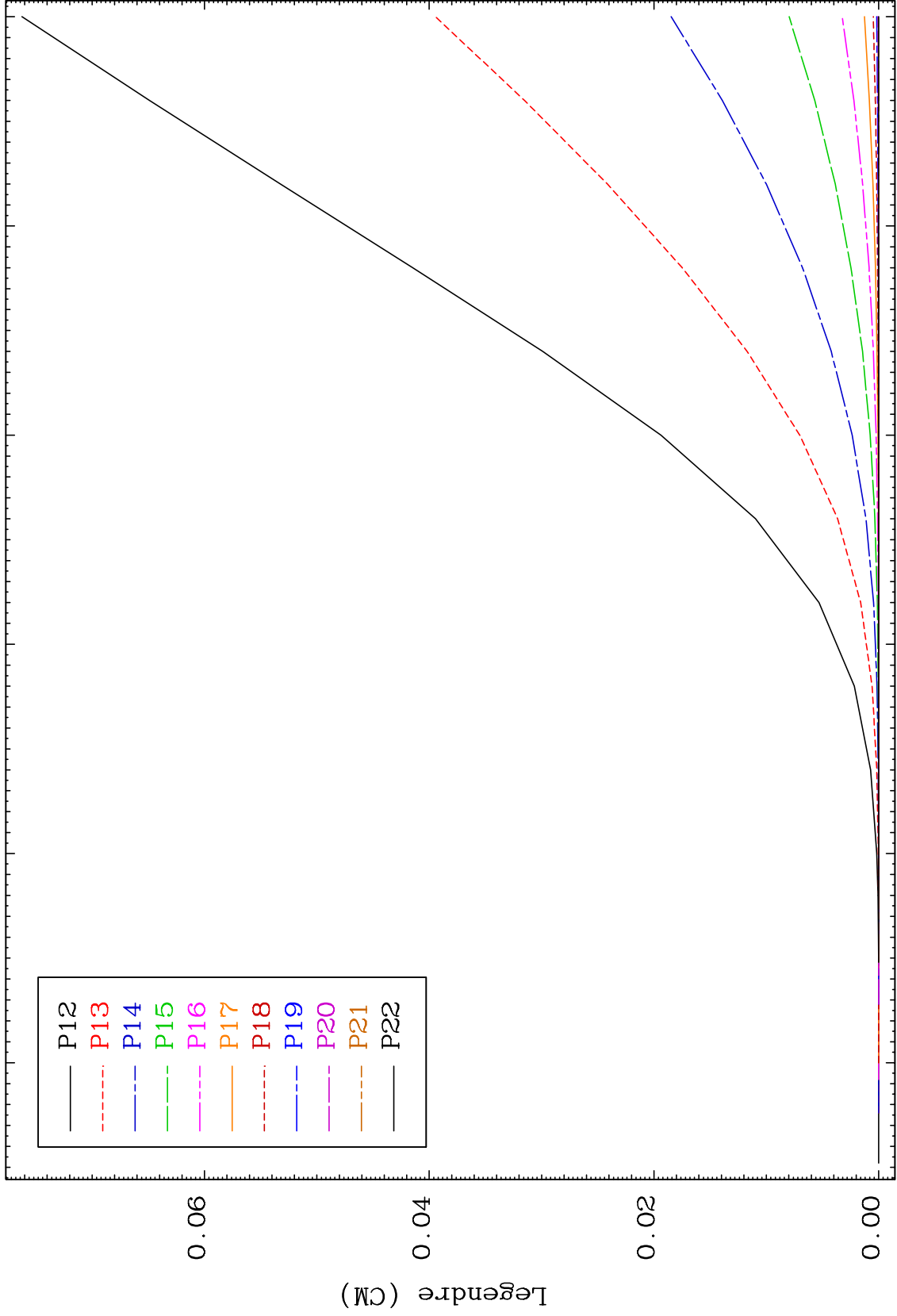
Incident Energy (MeV)

23-V -52

MAT 2331

Elastic
Legendre Coefficients

23-V -52



18

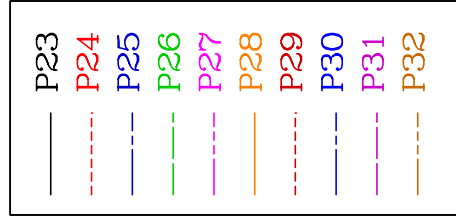
Incident Energy (MeV)

23-V -52

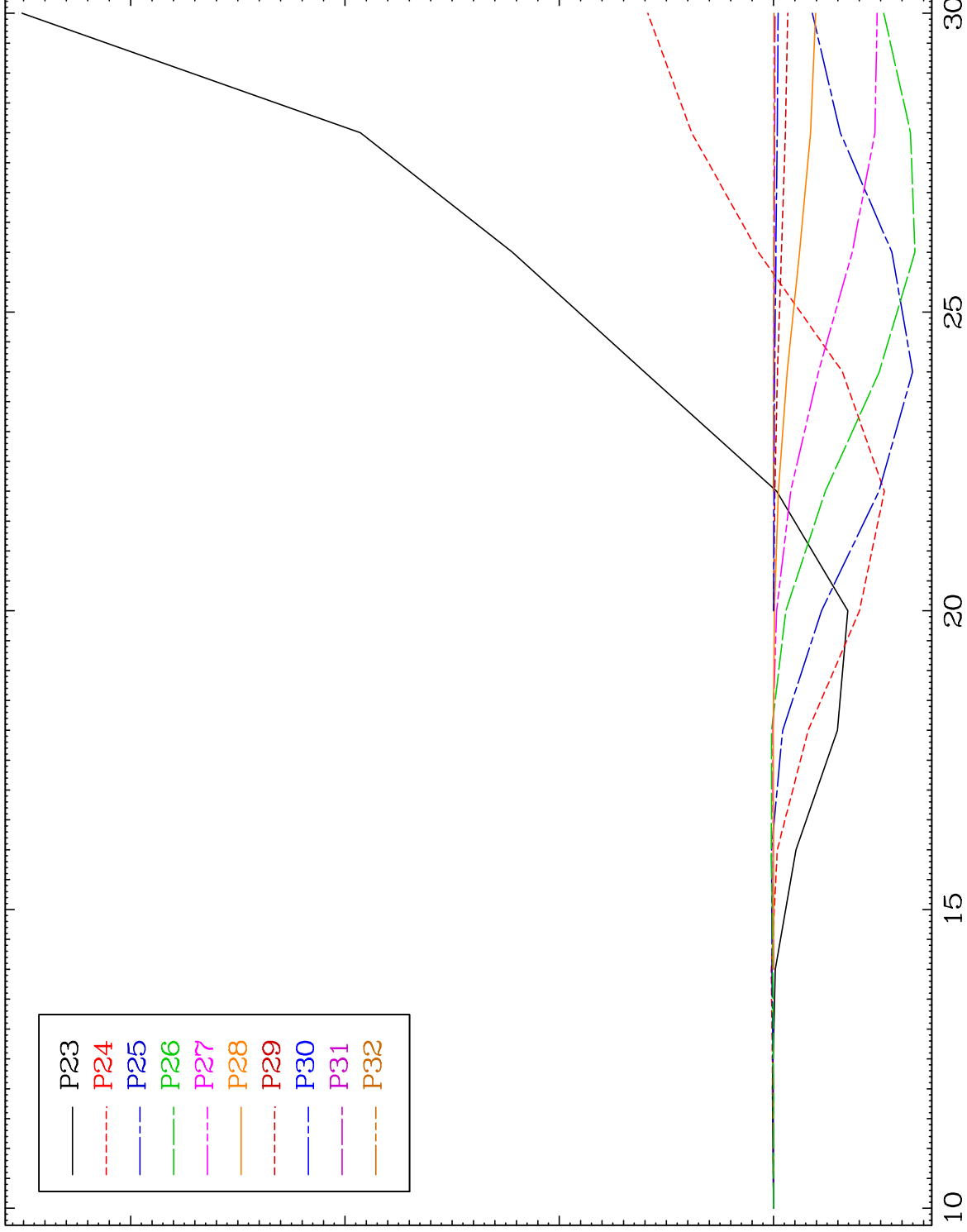
MAT 2331

Elastic Legendre Coefficients

23-V -52



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



10

15

20

25

23-V -52

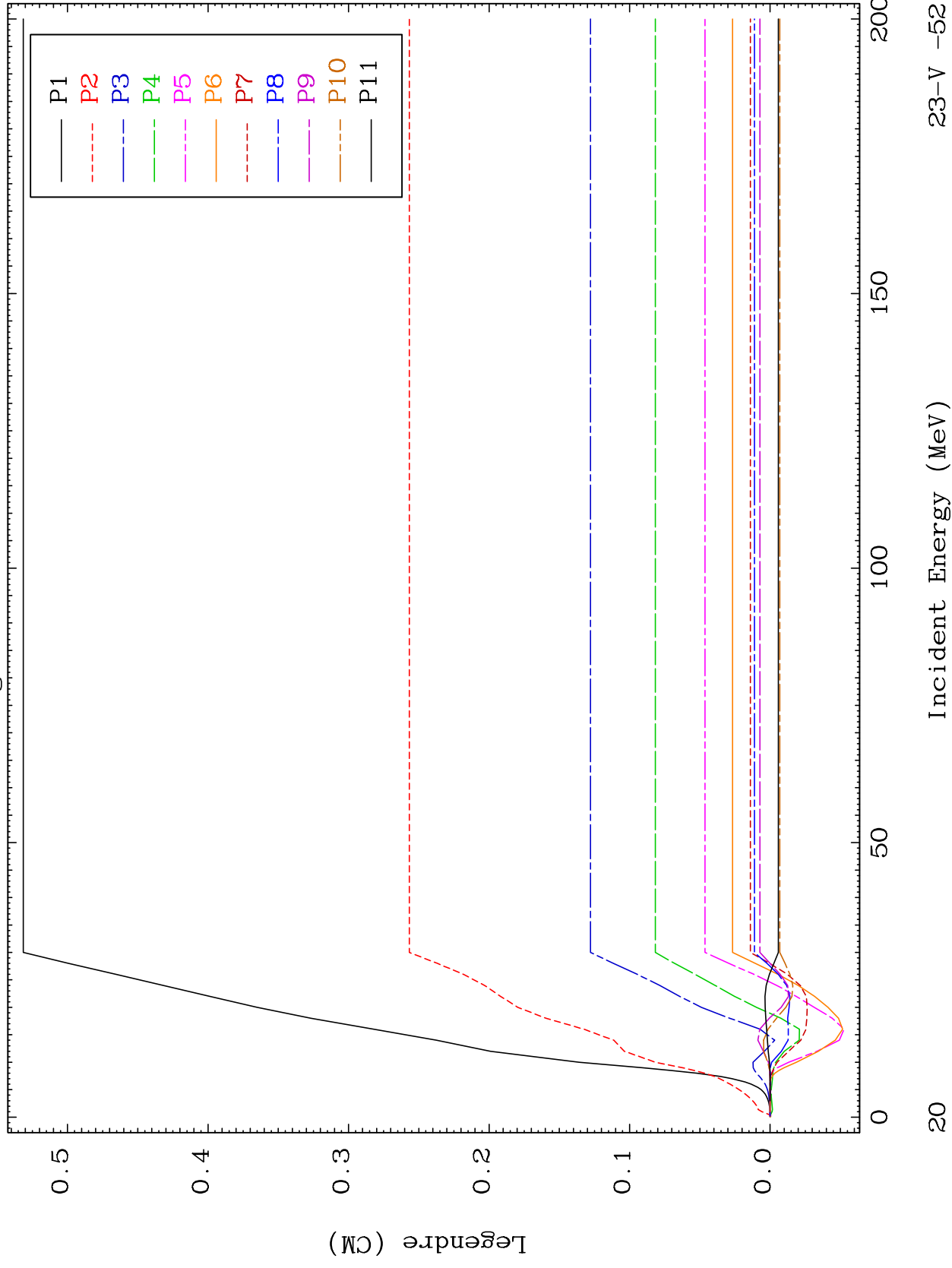
Incident Energy (MeV)

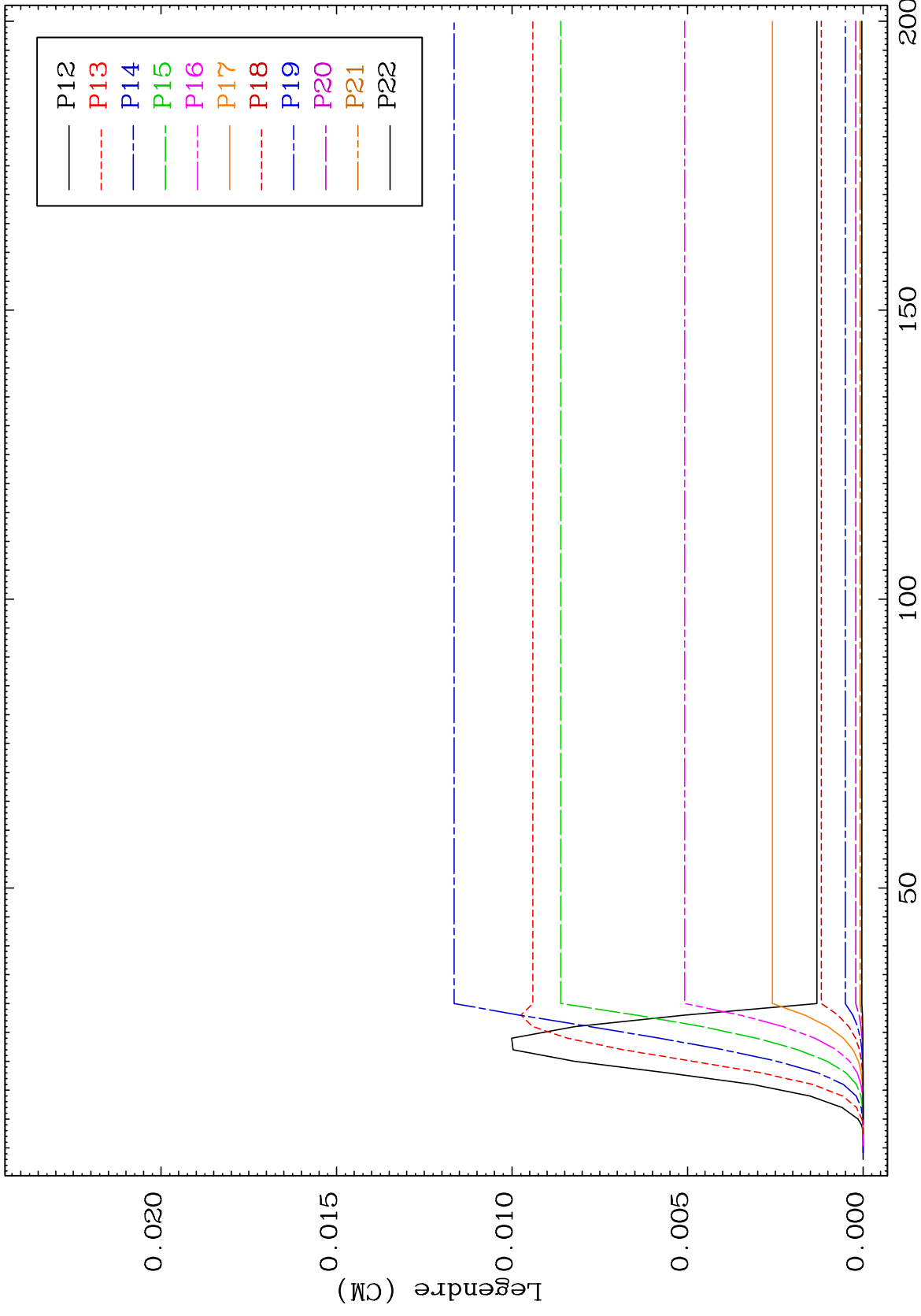
19

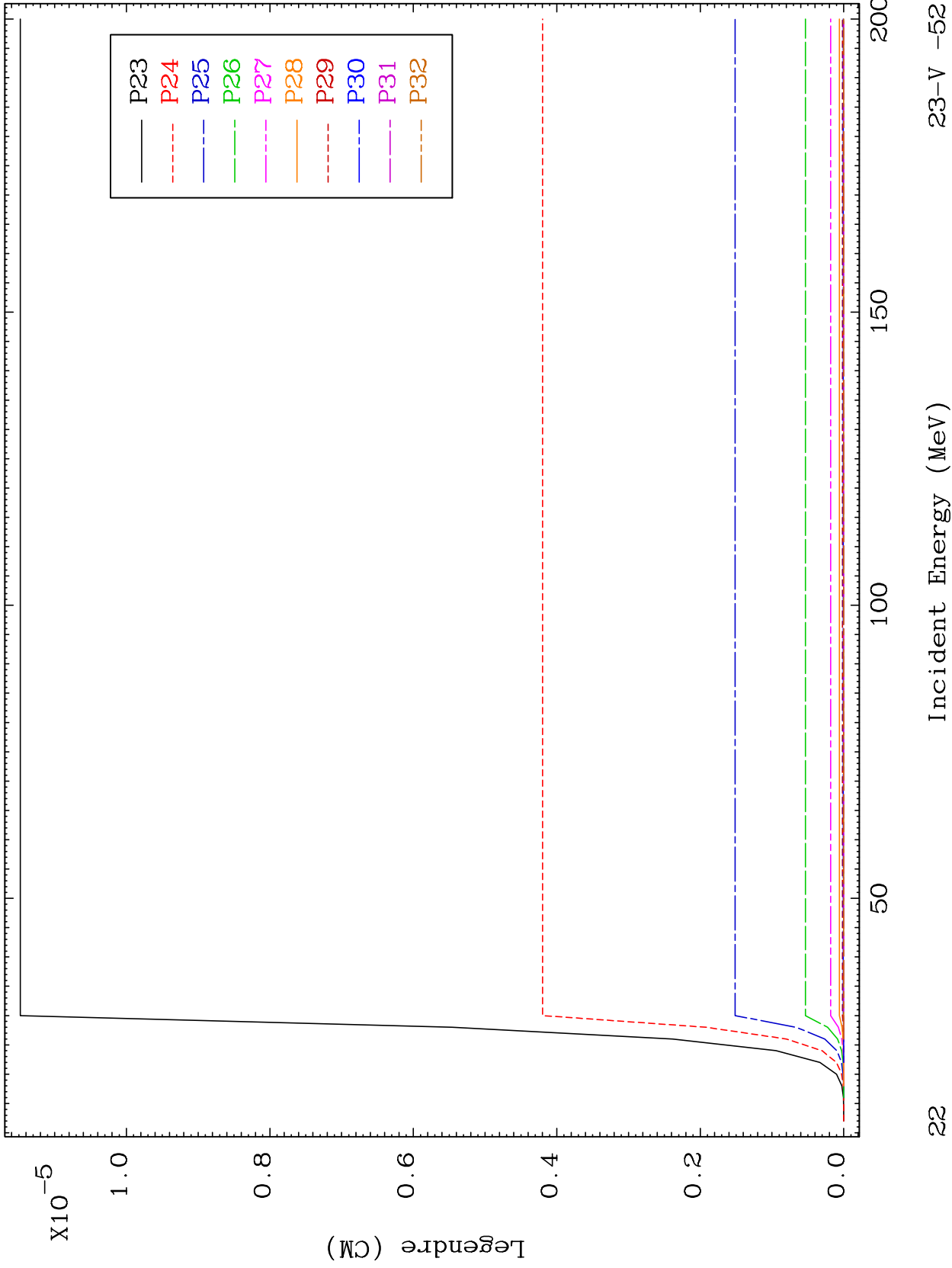
MAT 2331

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

23-V -52



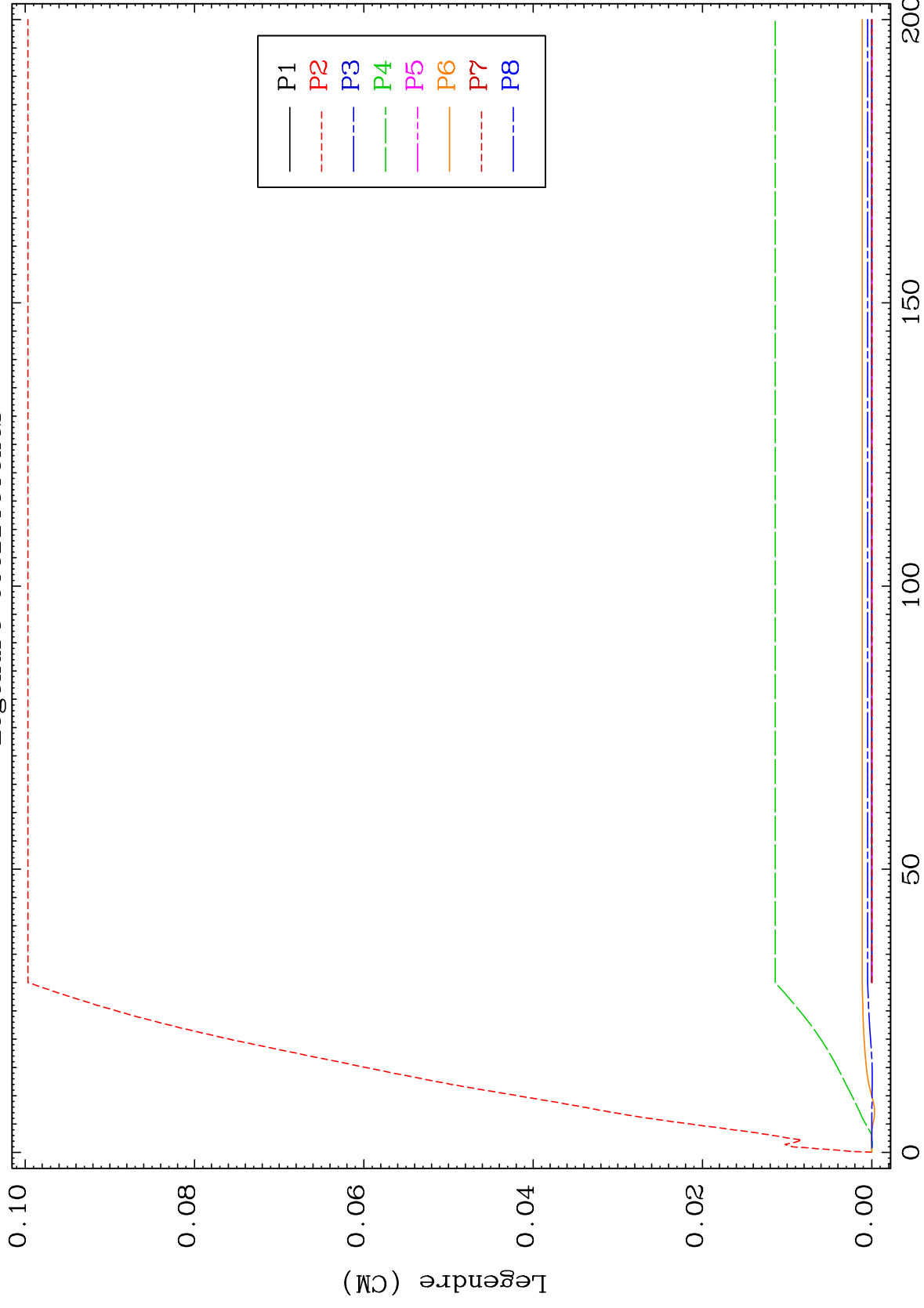




MAT 2331

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

23-V -52



23

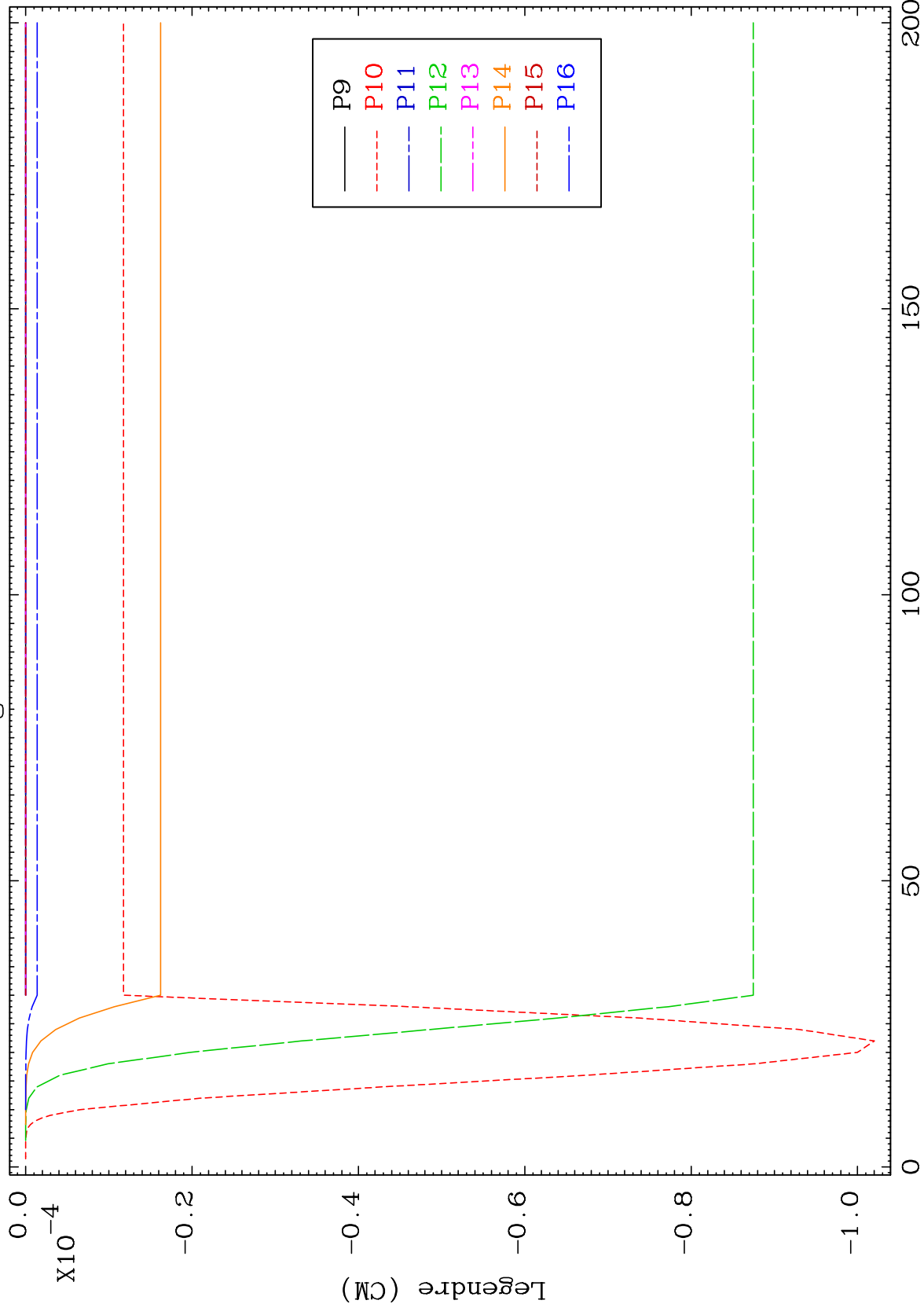
Incident Energy (MeV)

23-V -52

MAT 2331

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

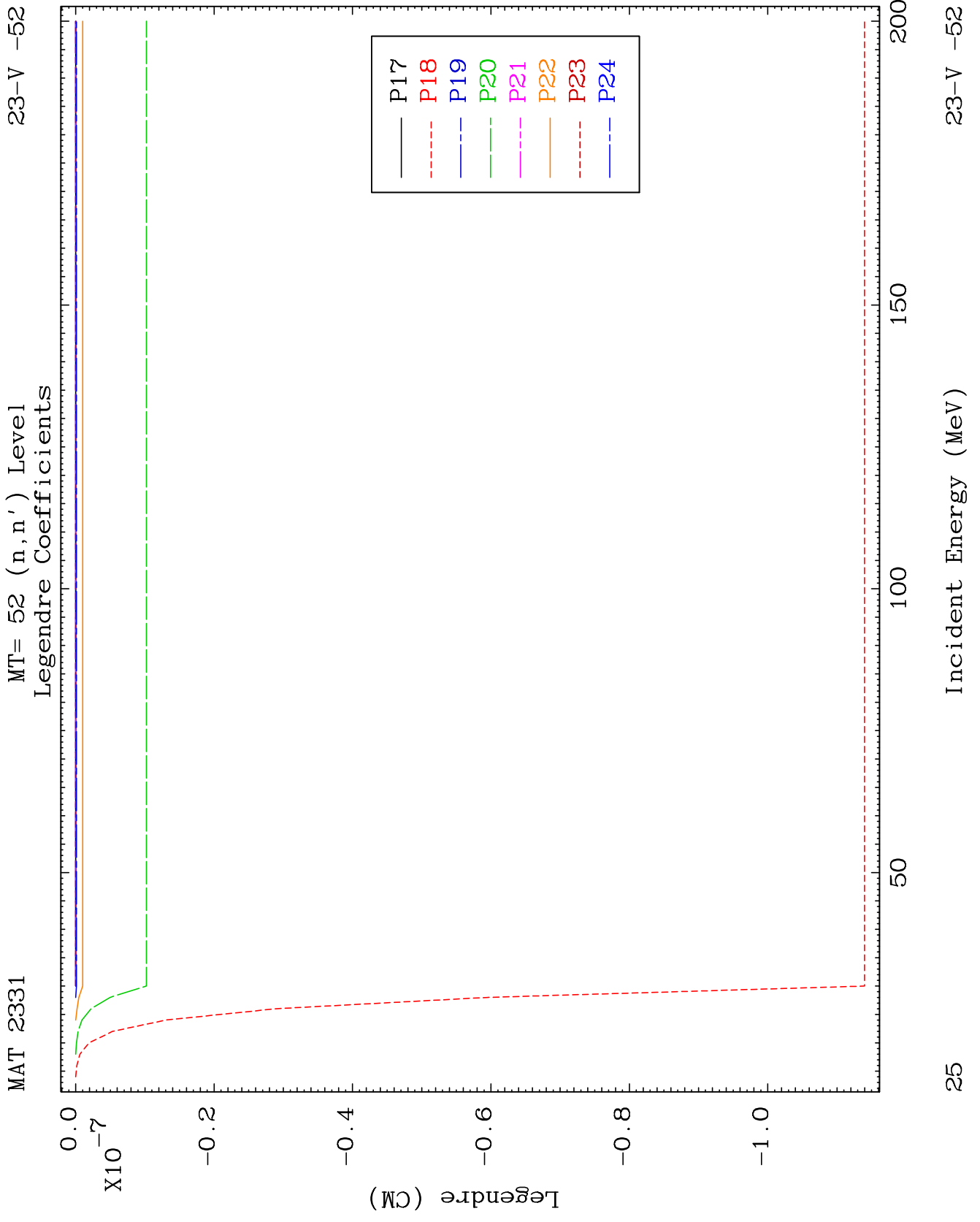
23-V -52



23-V -52

Incident Energy (MeV)

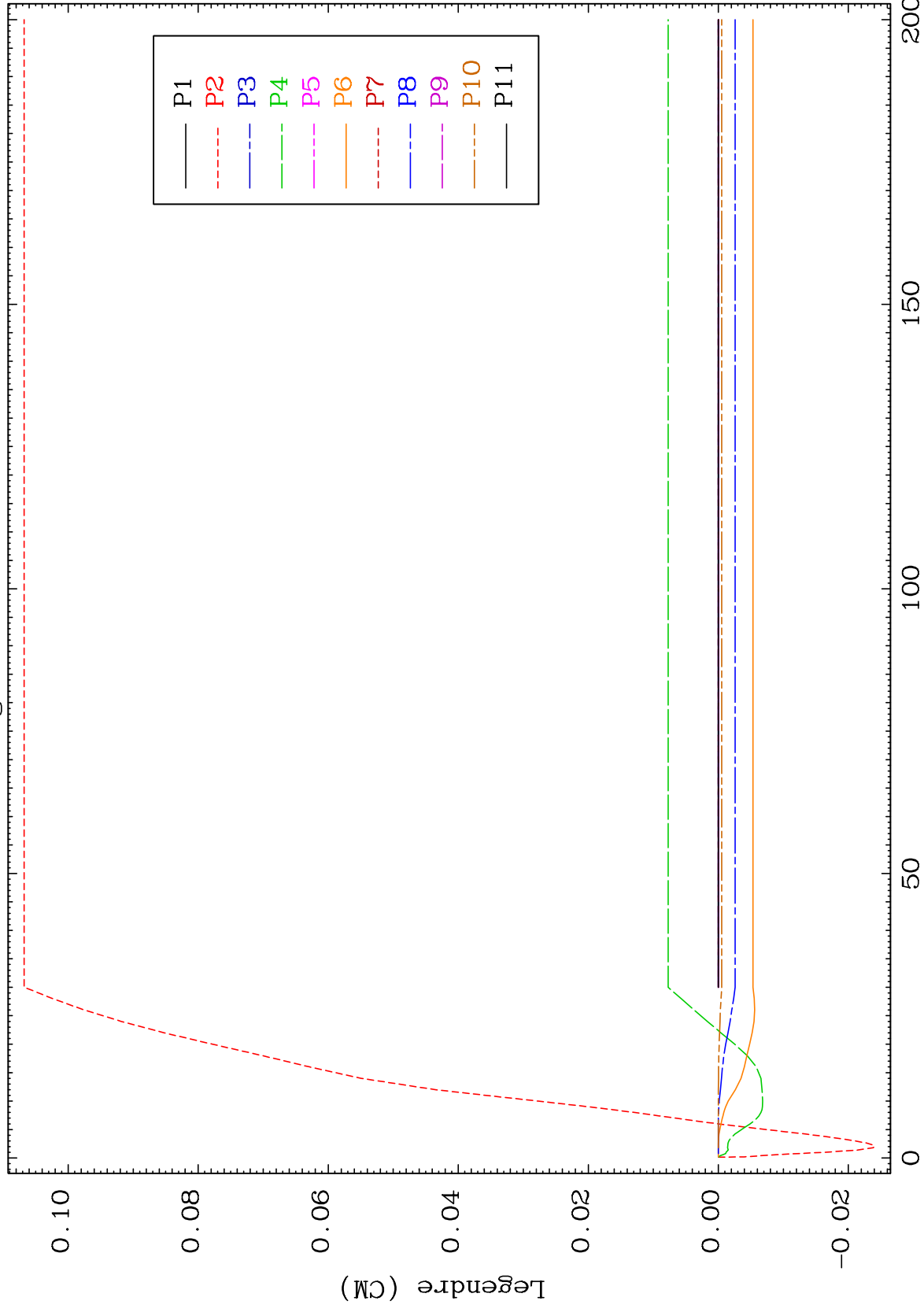
24



MAT 2331

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

23-V -52



26

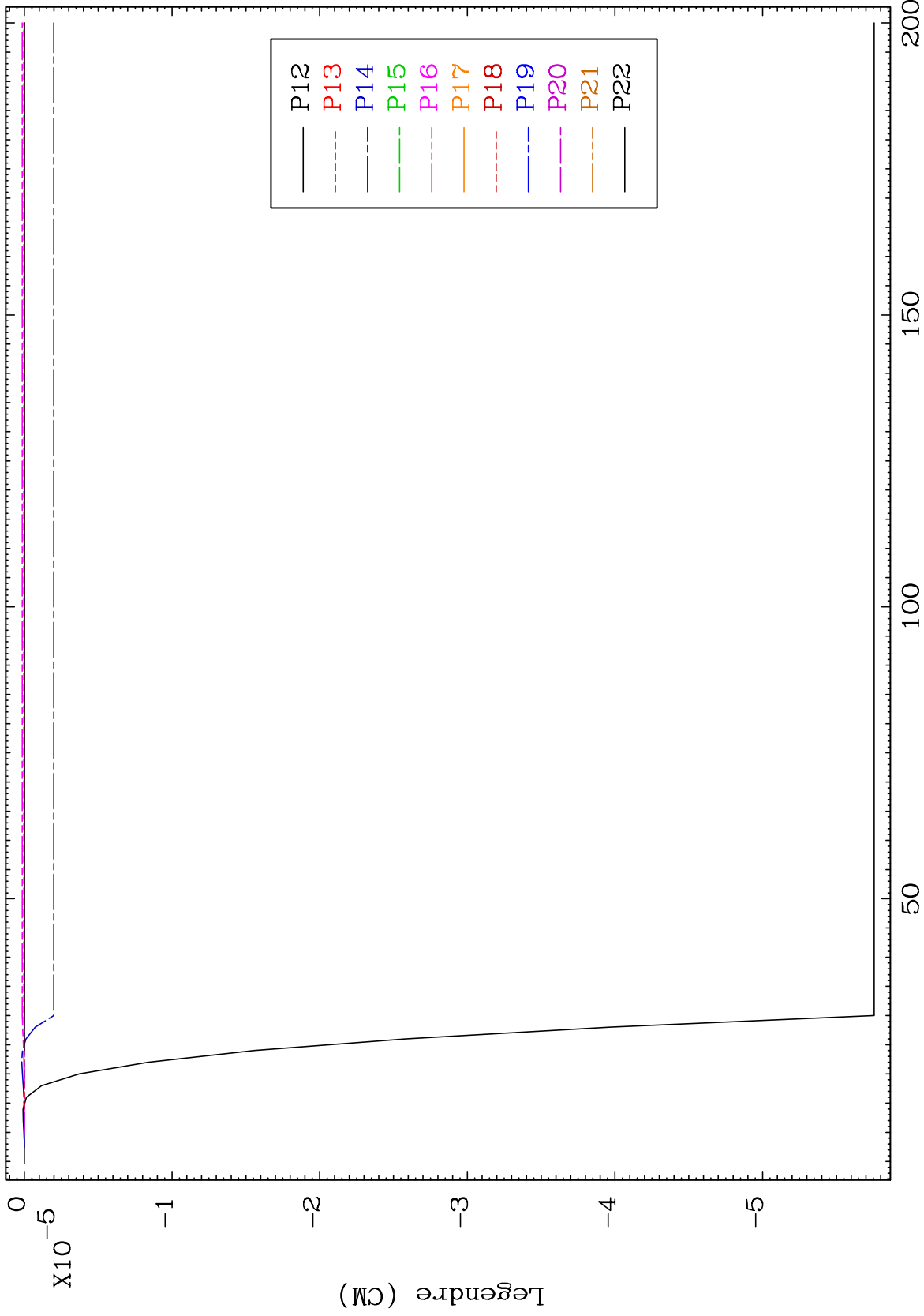
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



27

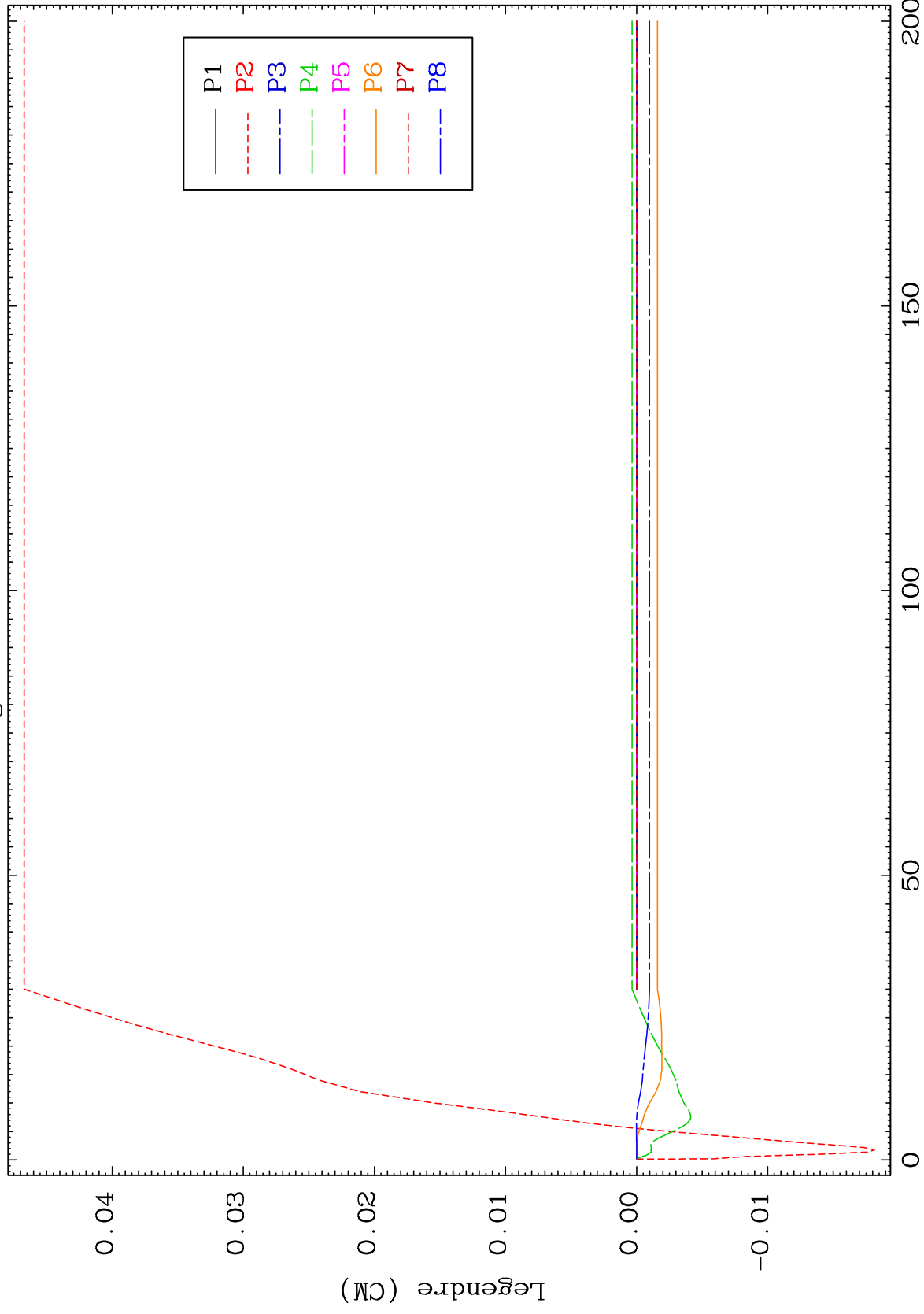
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



28

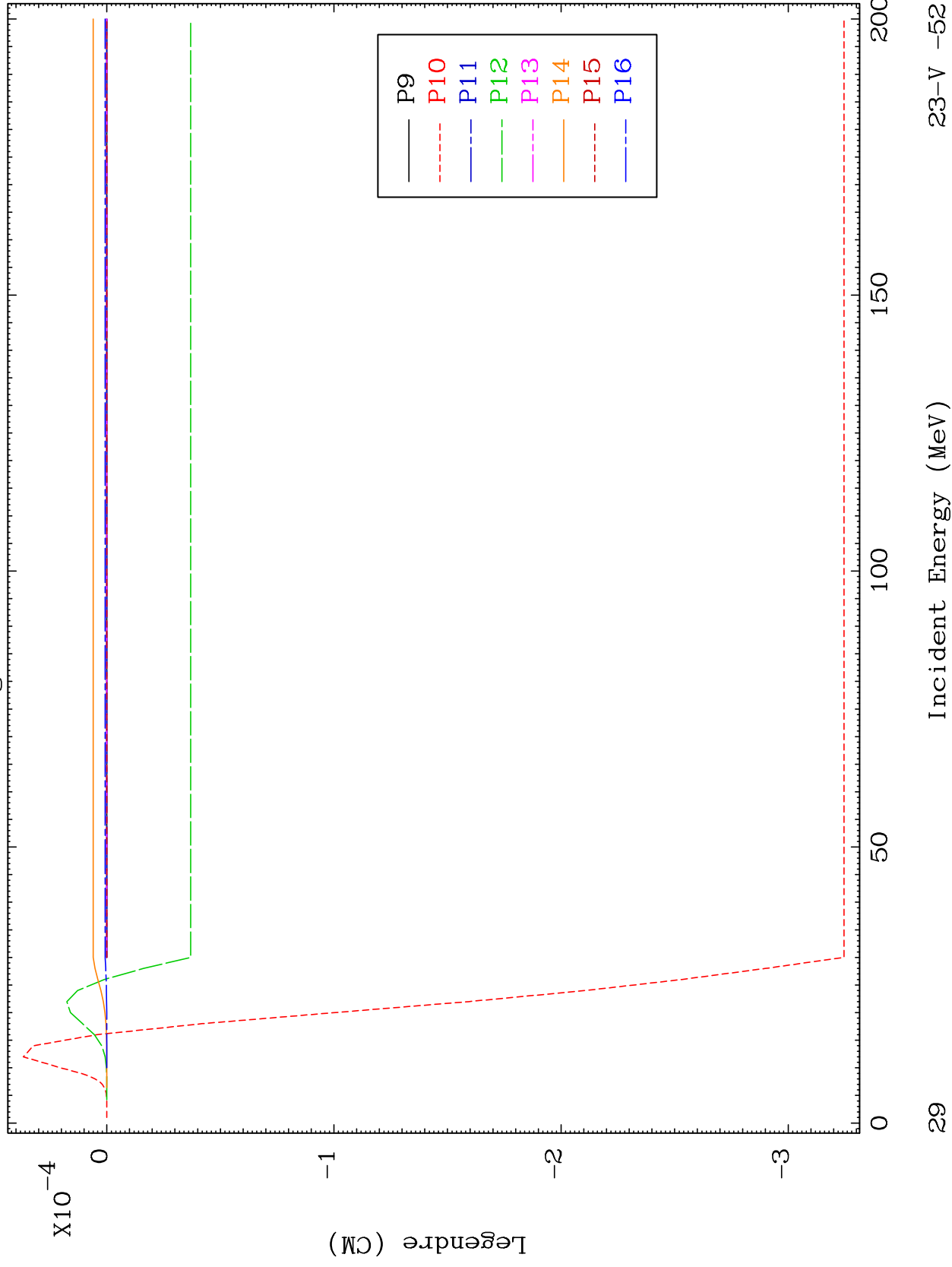
Incident Energy (MeV)

23-V -52

MAT 2331

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

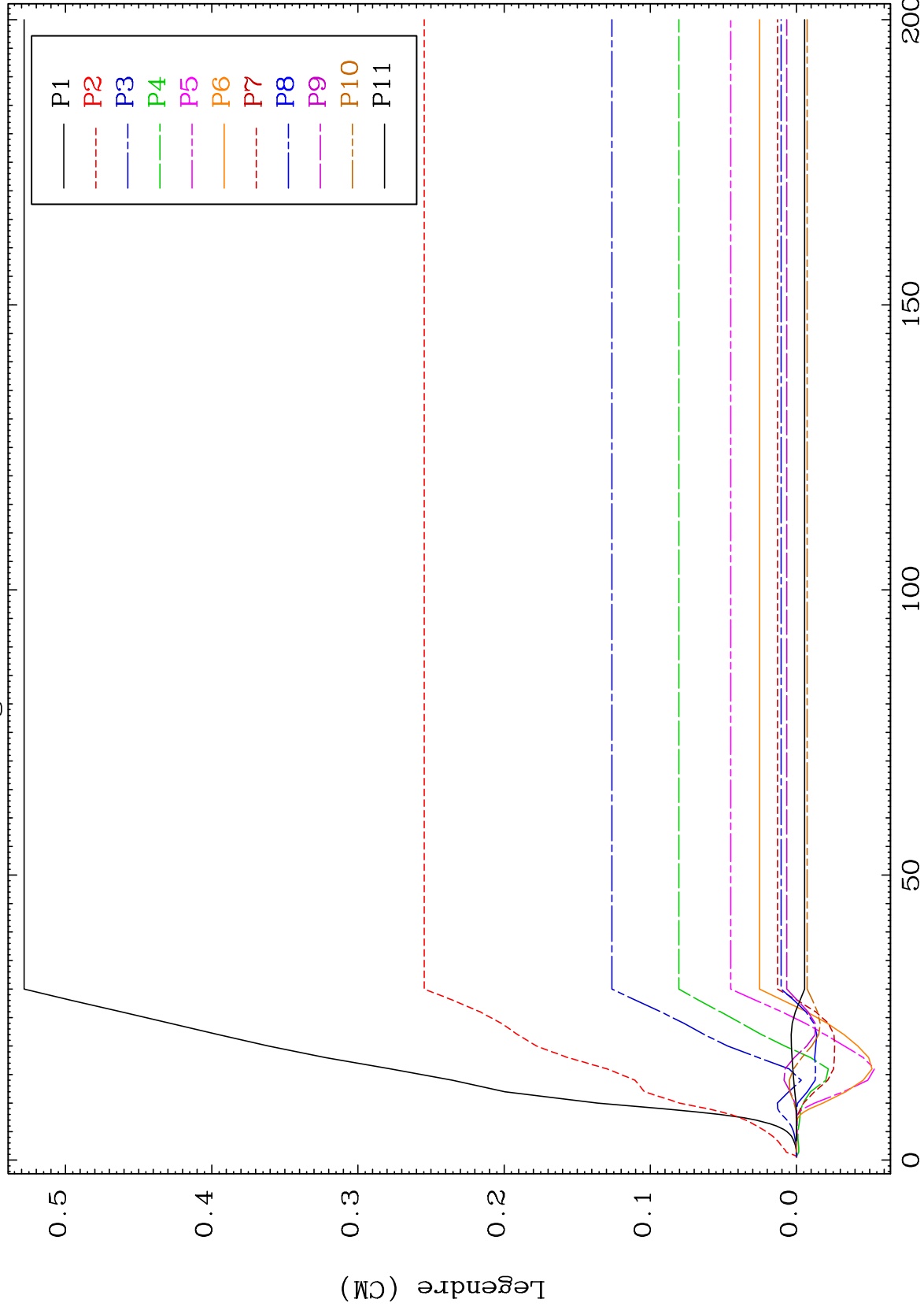
23-V -52



MAT 2331

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

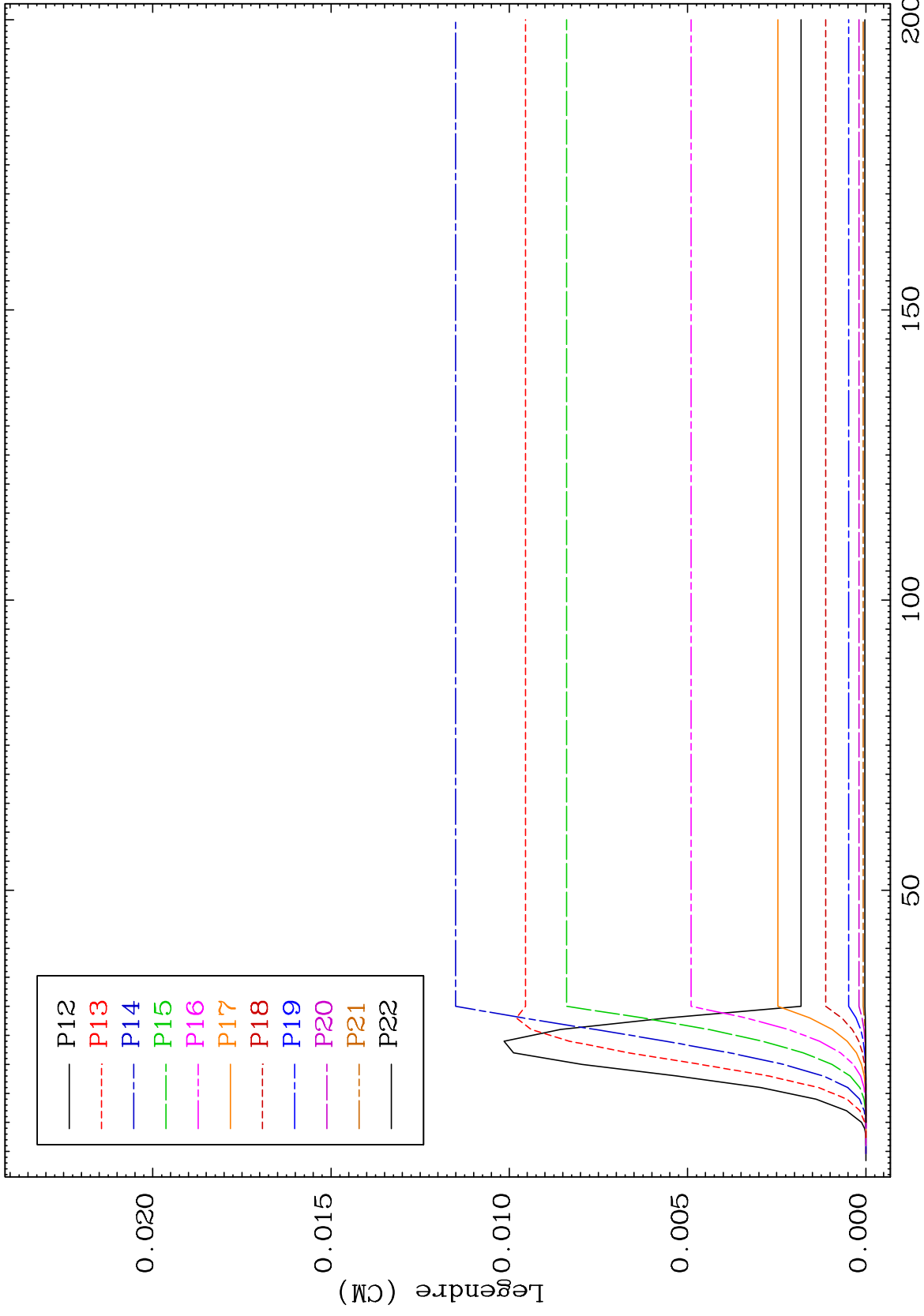
23-V -52

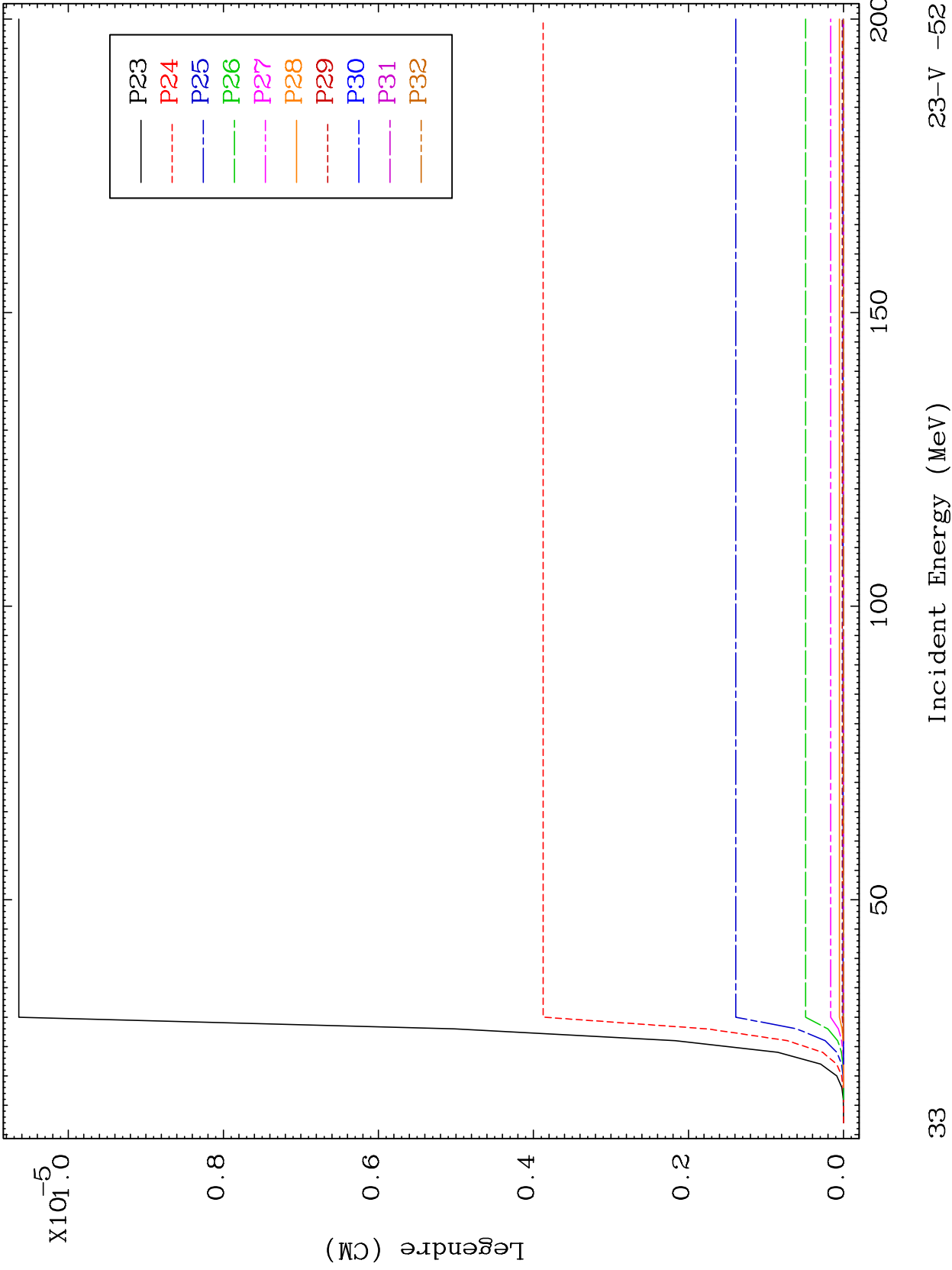


31

Incident Energy (MeV)

23-V -52

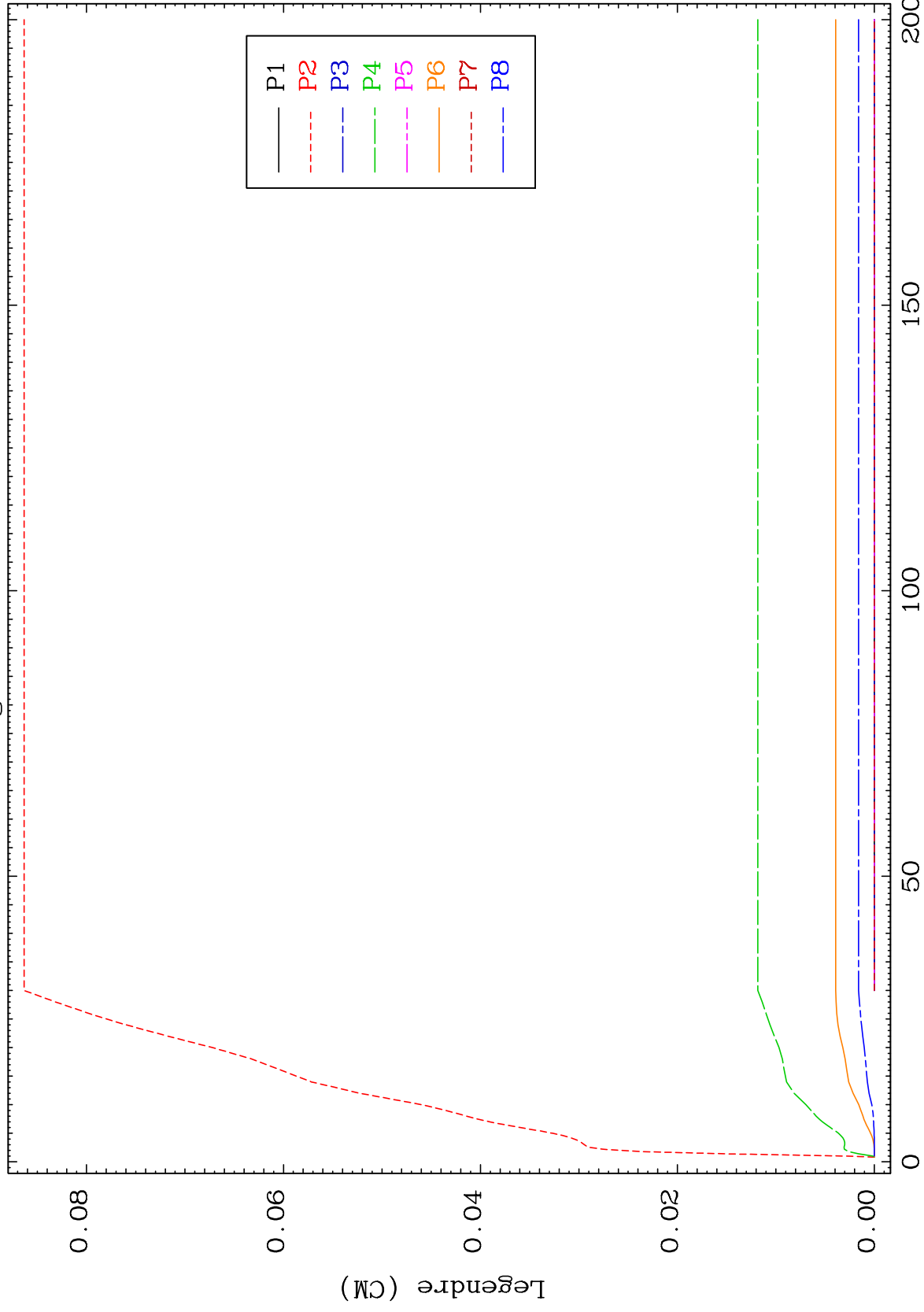




MAT 2331

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

23-V -52



34

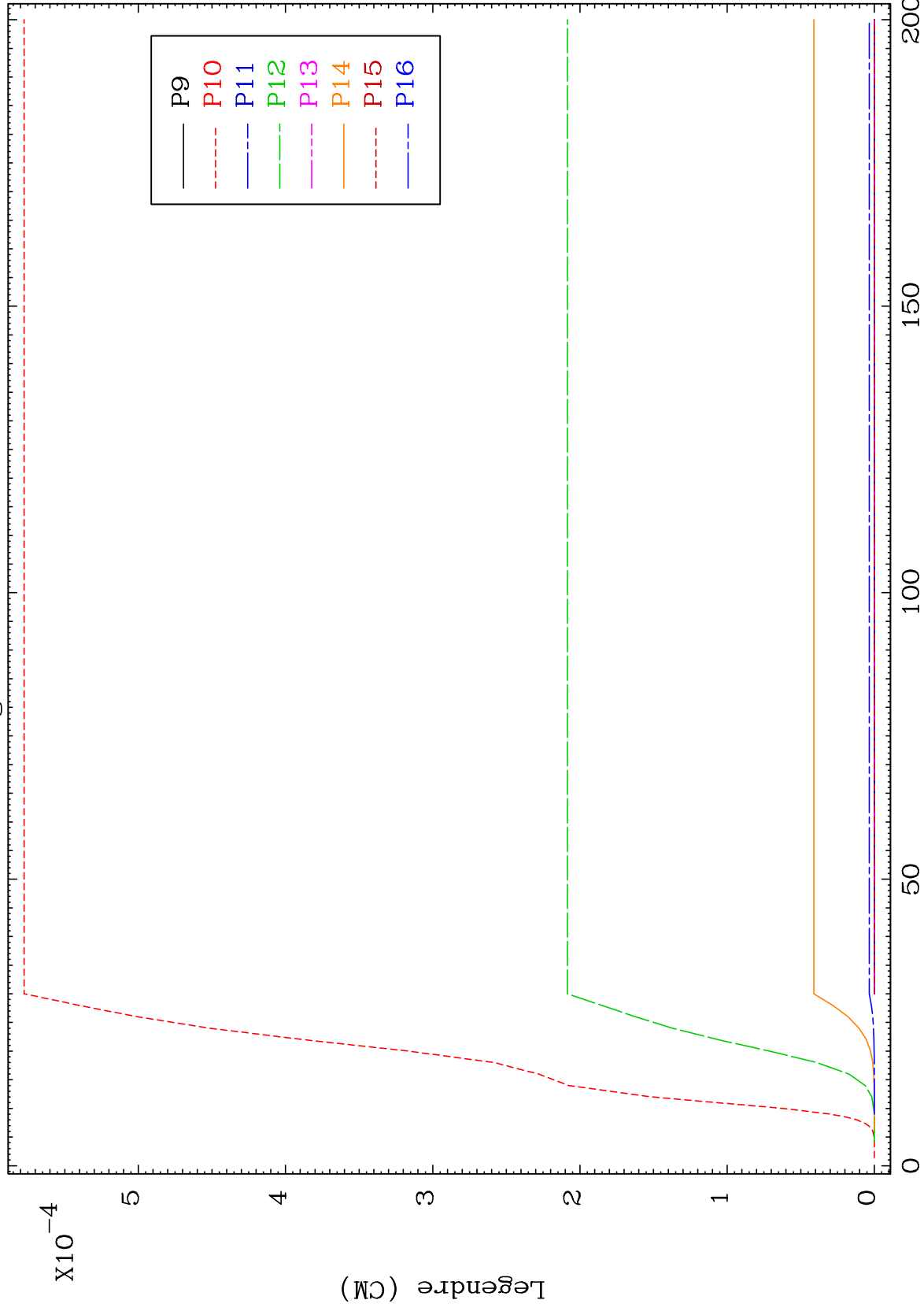
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



35

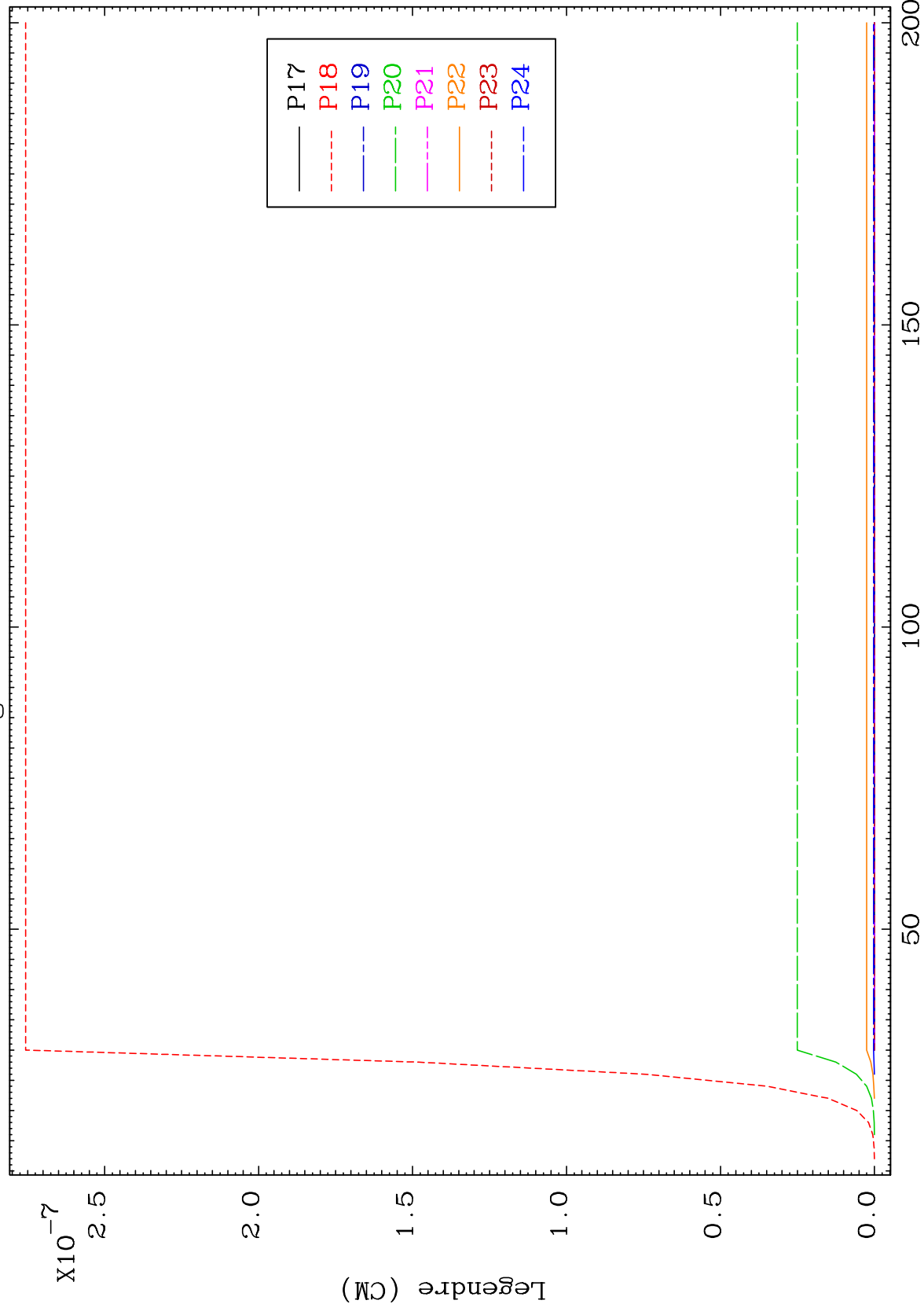
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



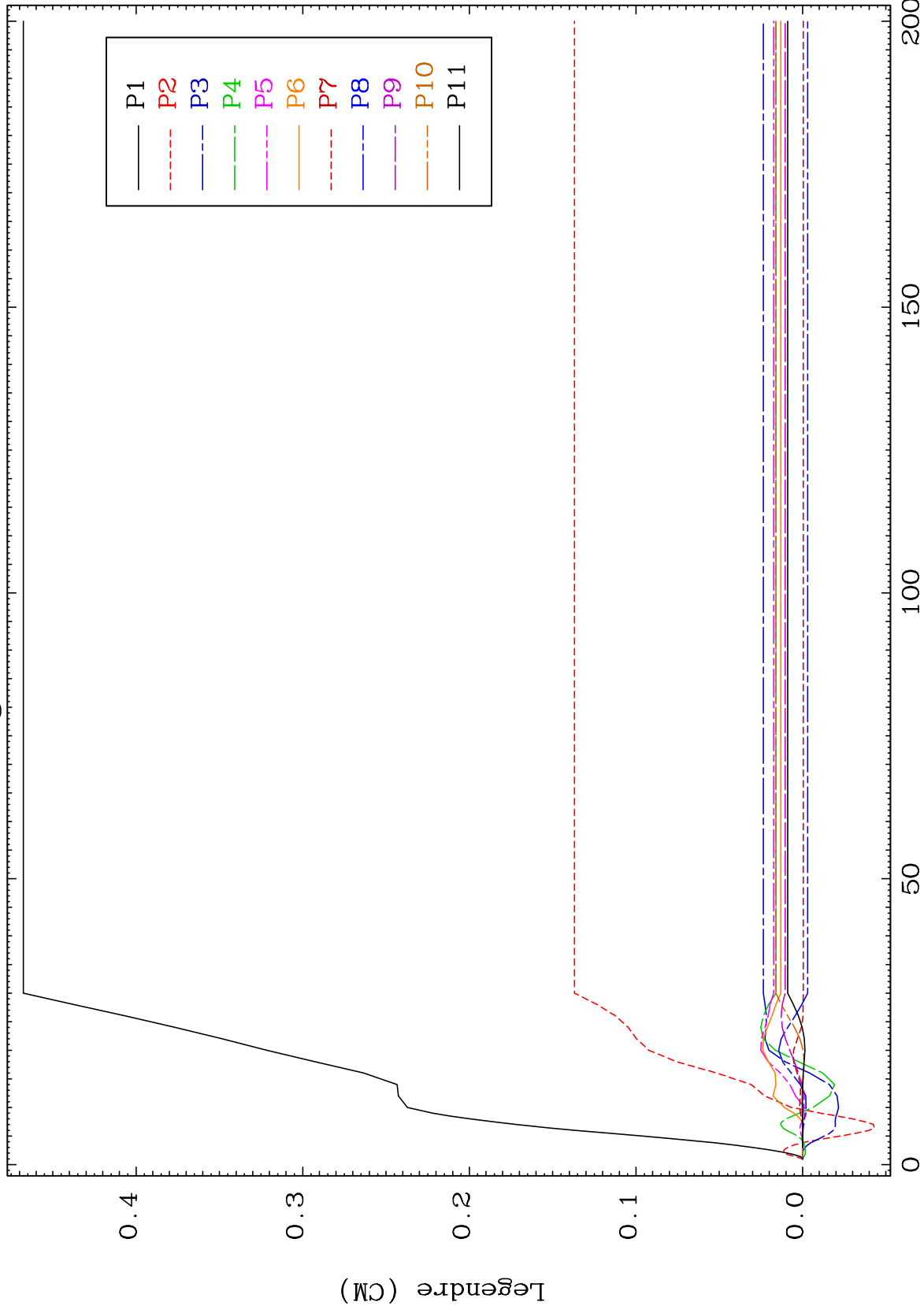
36

23-V -52

MAT 2331

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

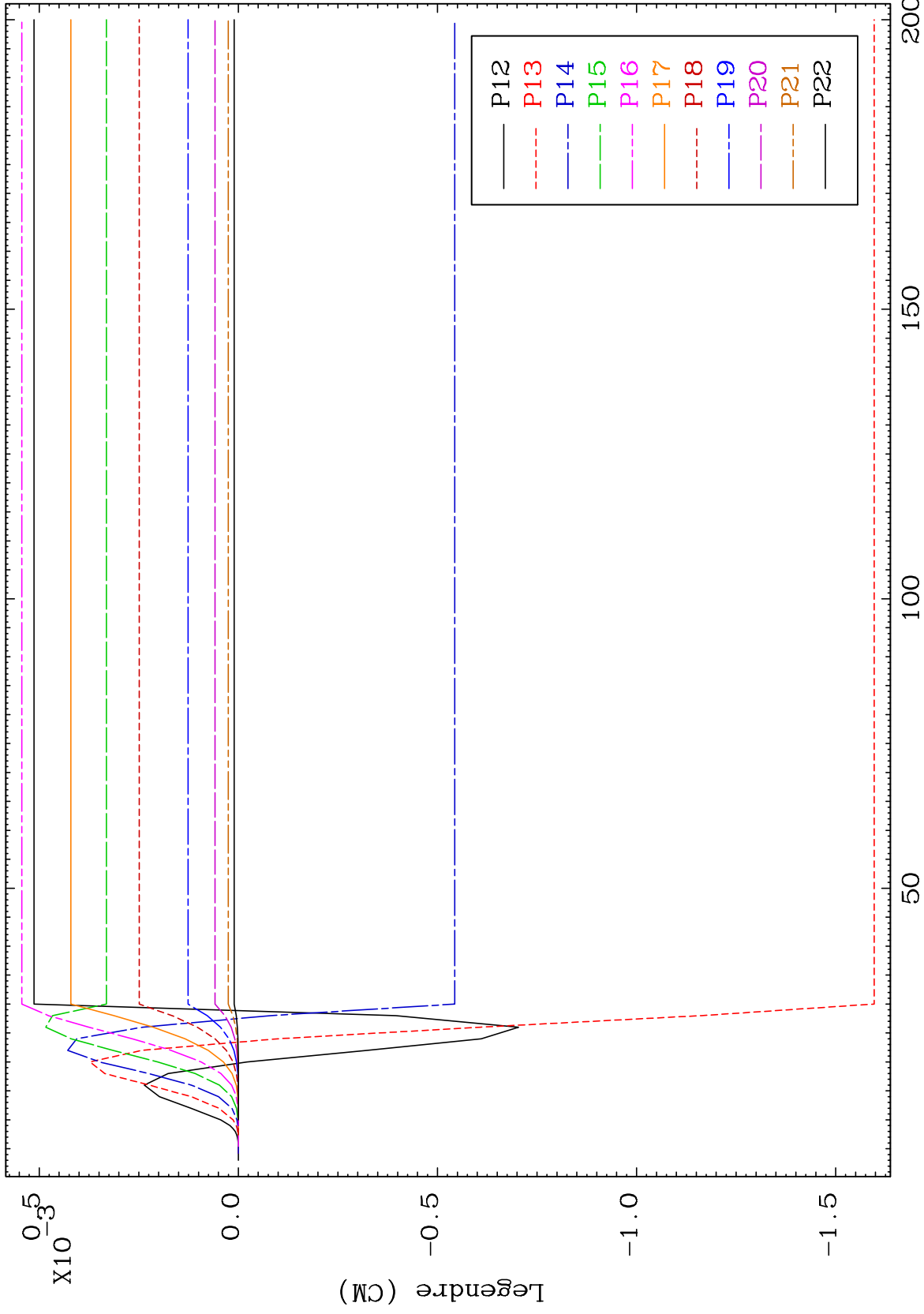
23-V -52



37

Incident Energy (MeV)

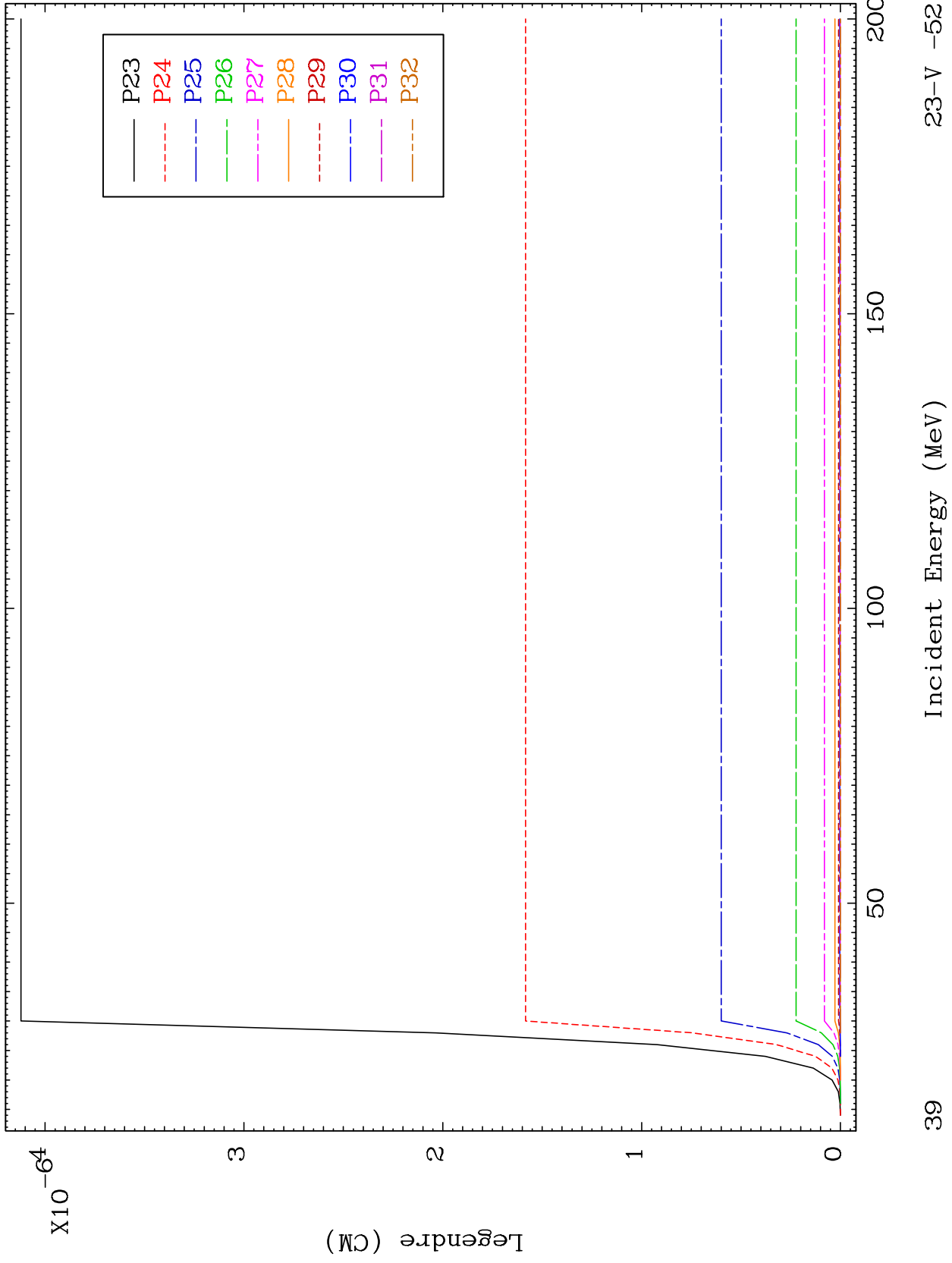
23-V -52



MAT 2331

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

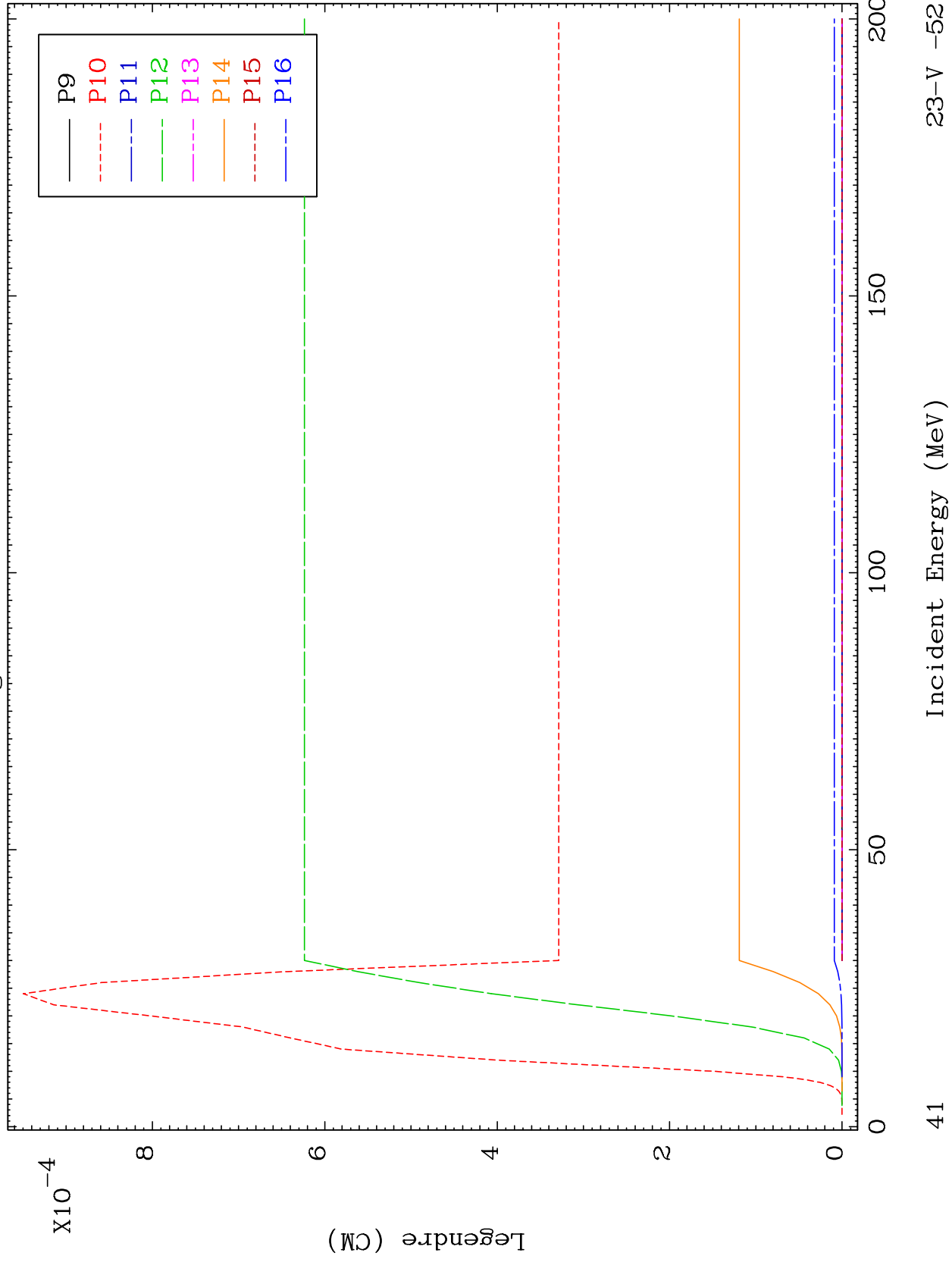
23-V -52

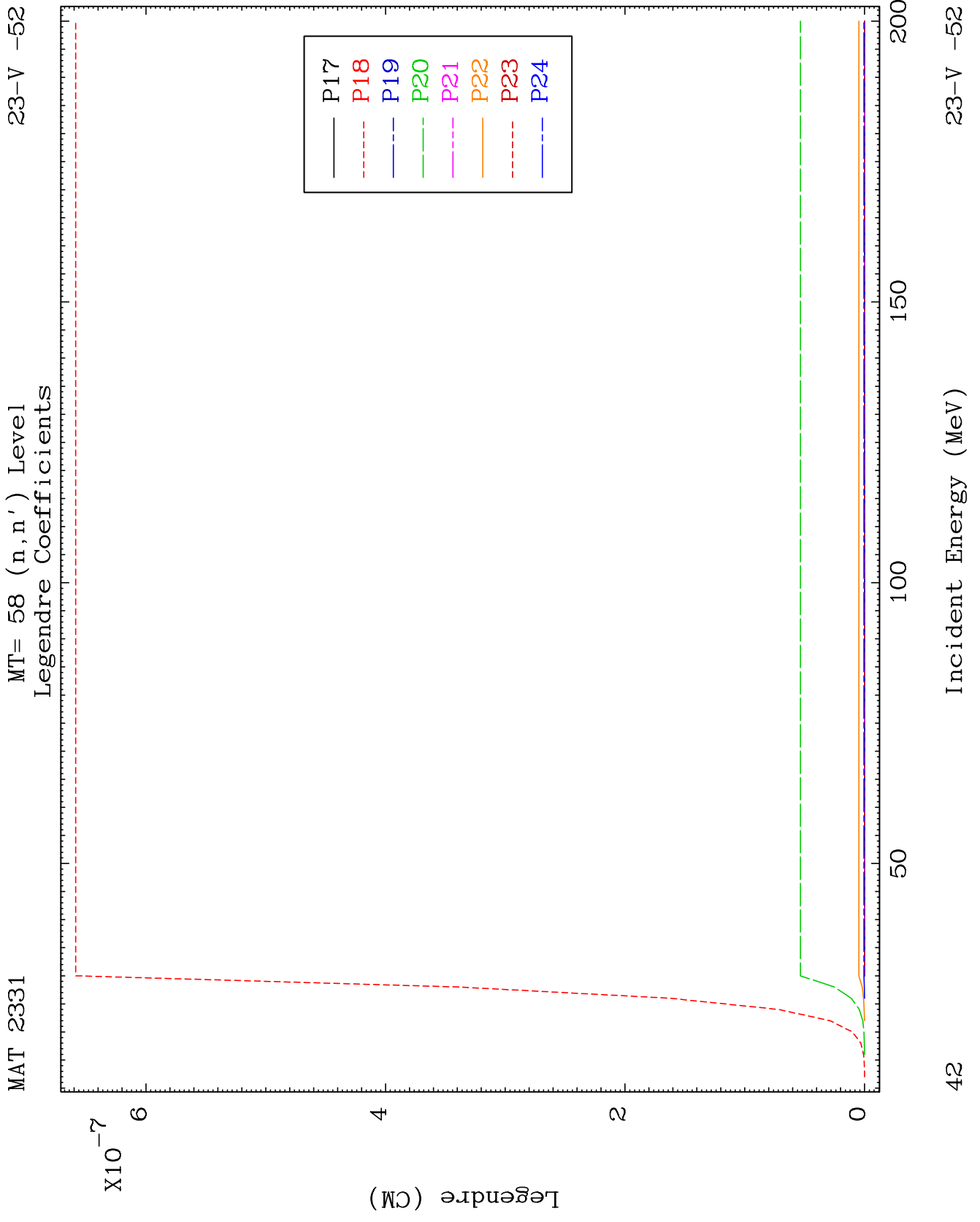


MAT 2331

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

23-V -52

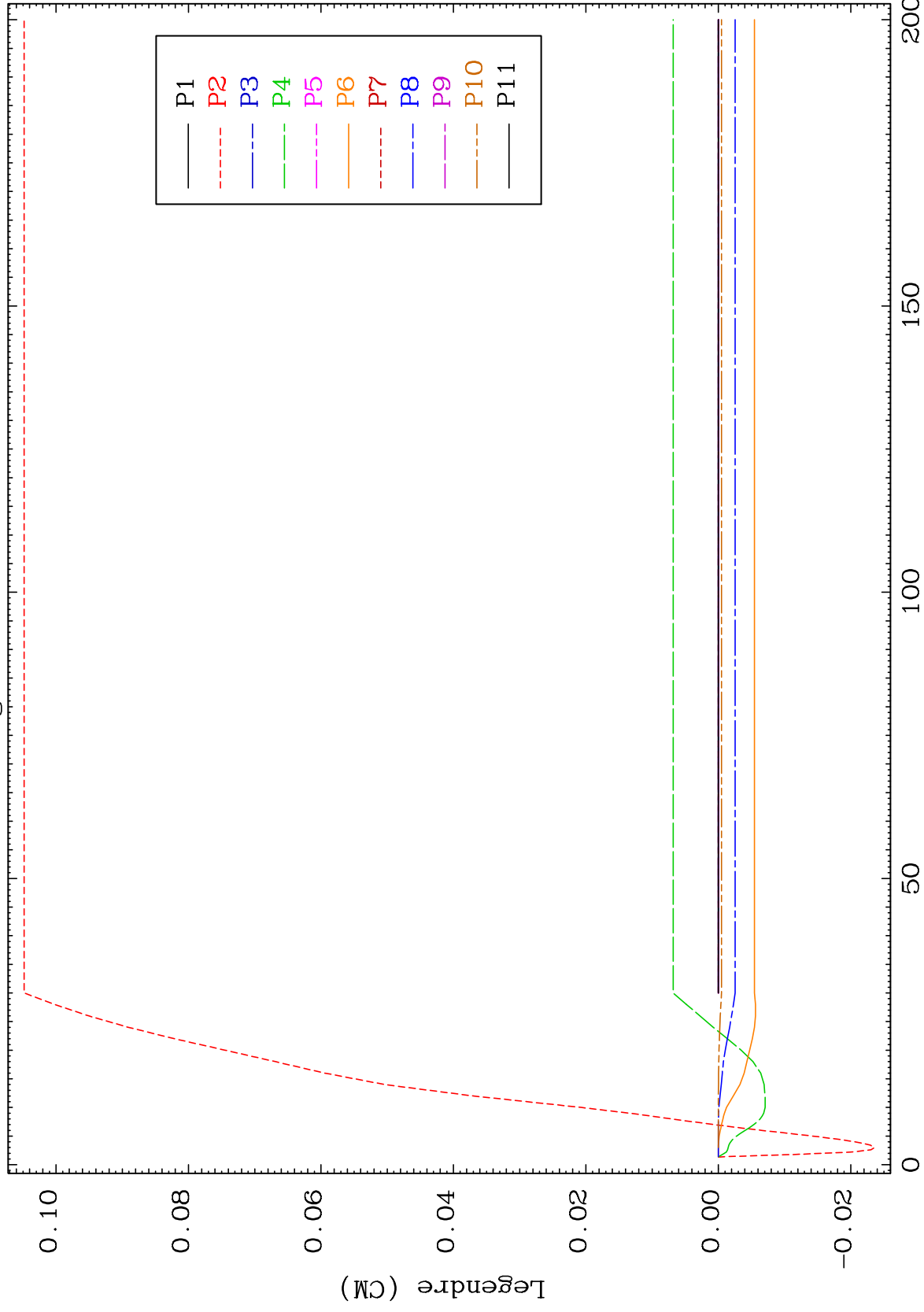




MAT 2331

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

23-V -52



23-V -52

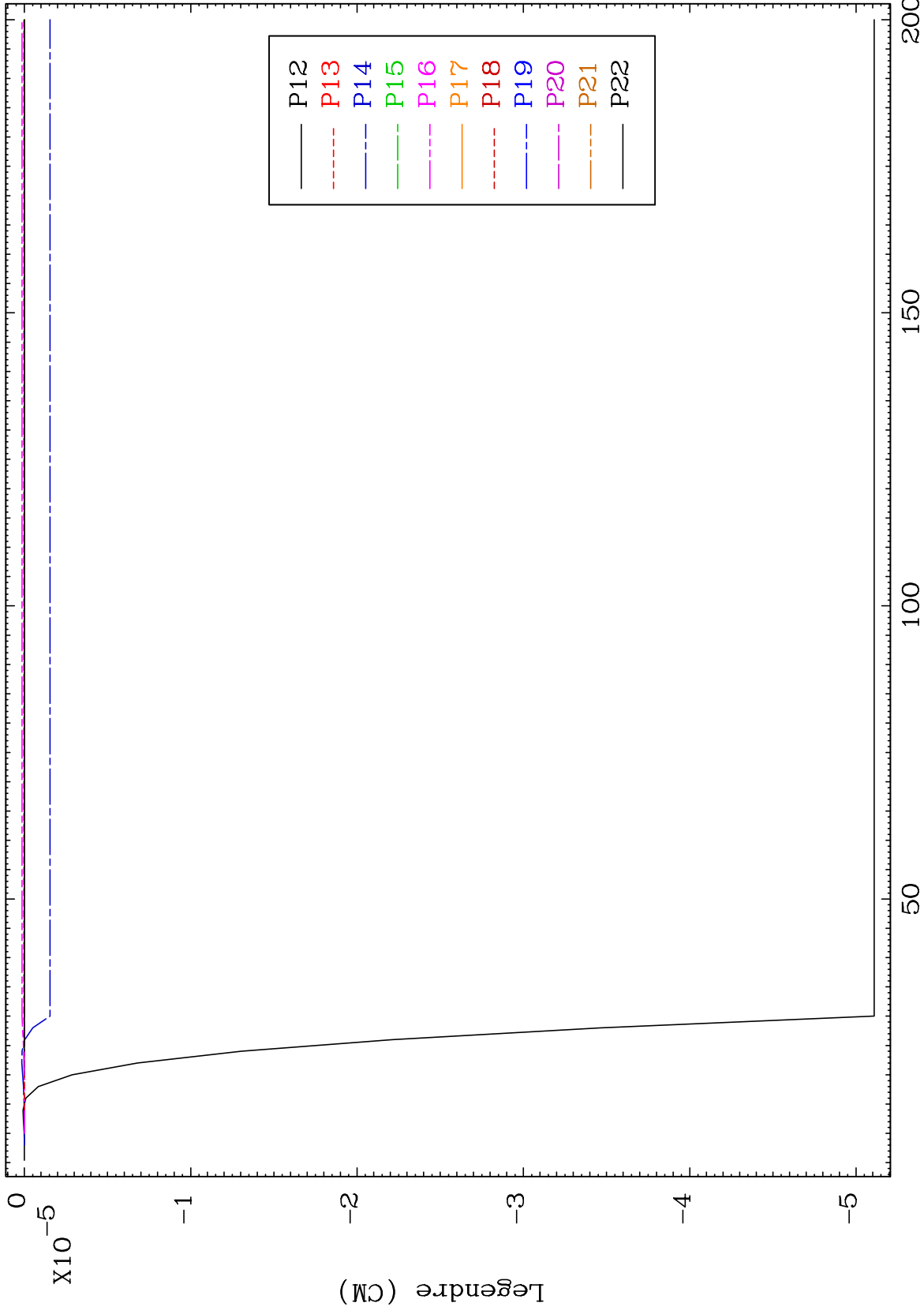
Incident Energy (MeV)

43

MAT 2331

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

23-V -52



44

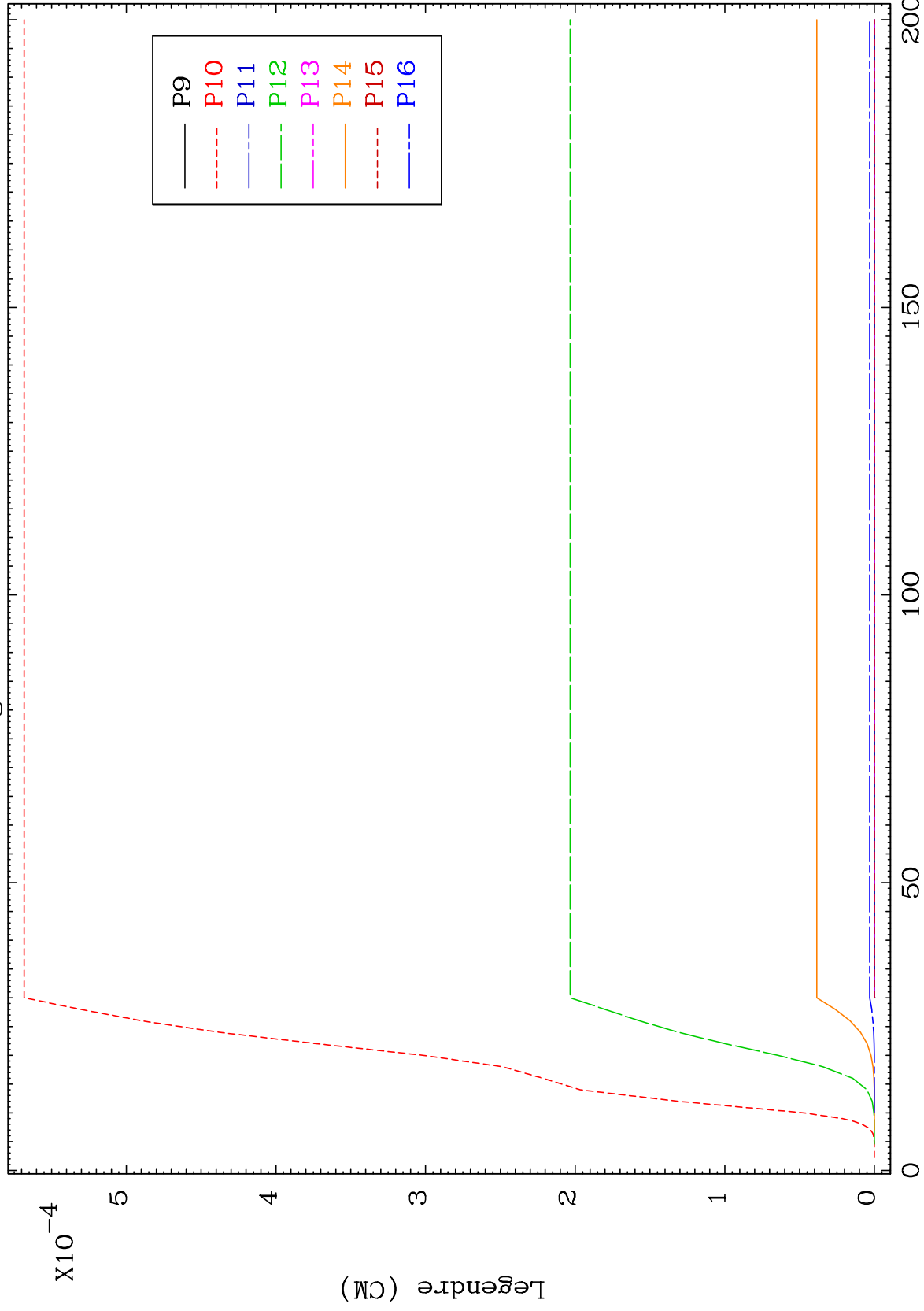
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



46

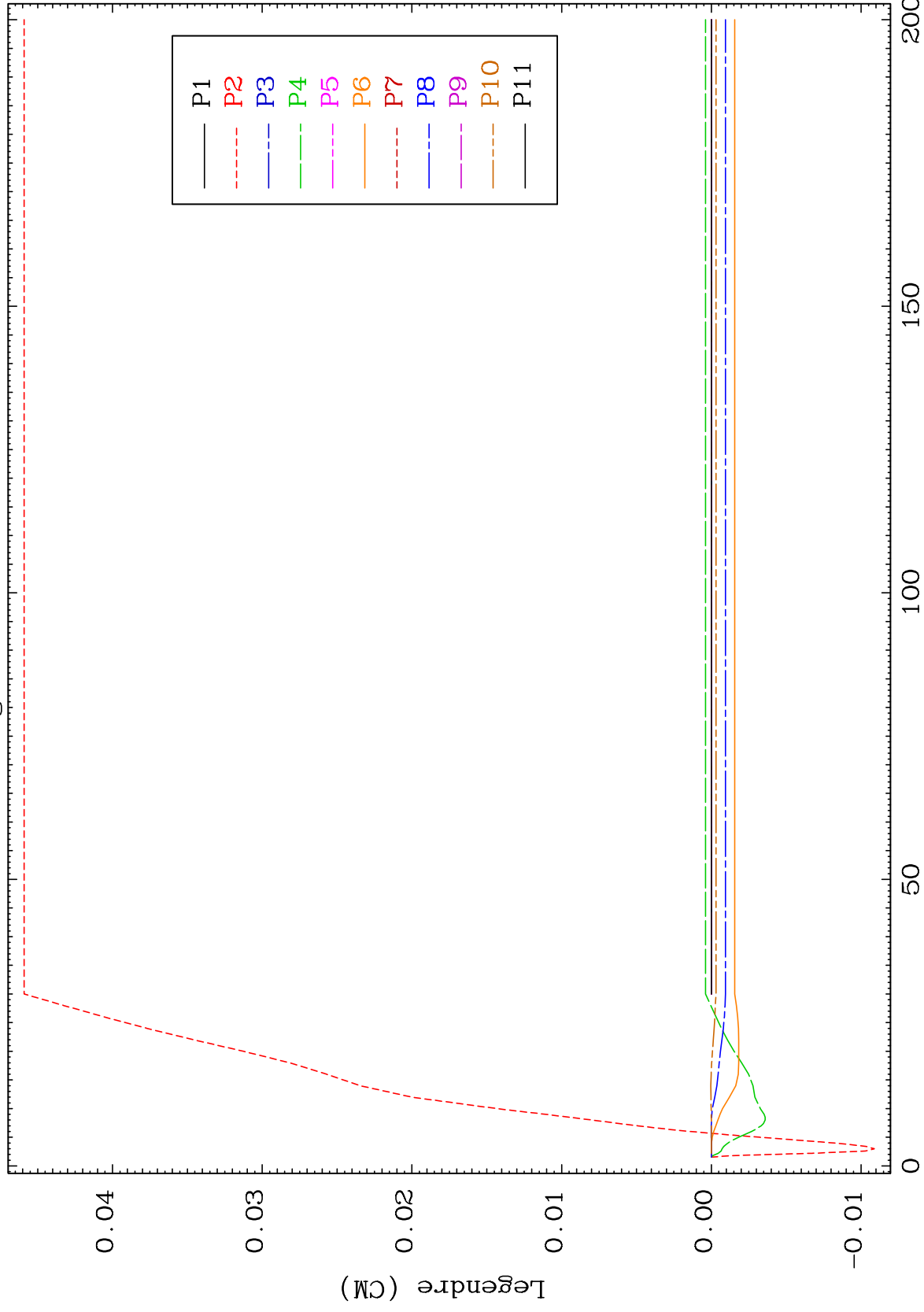
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



48

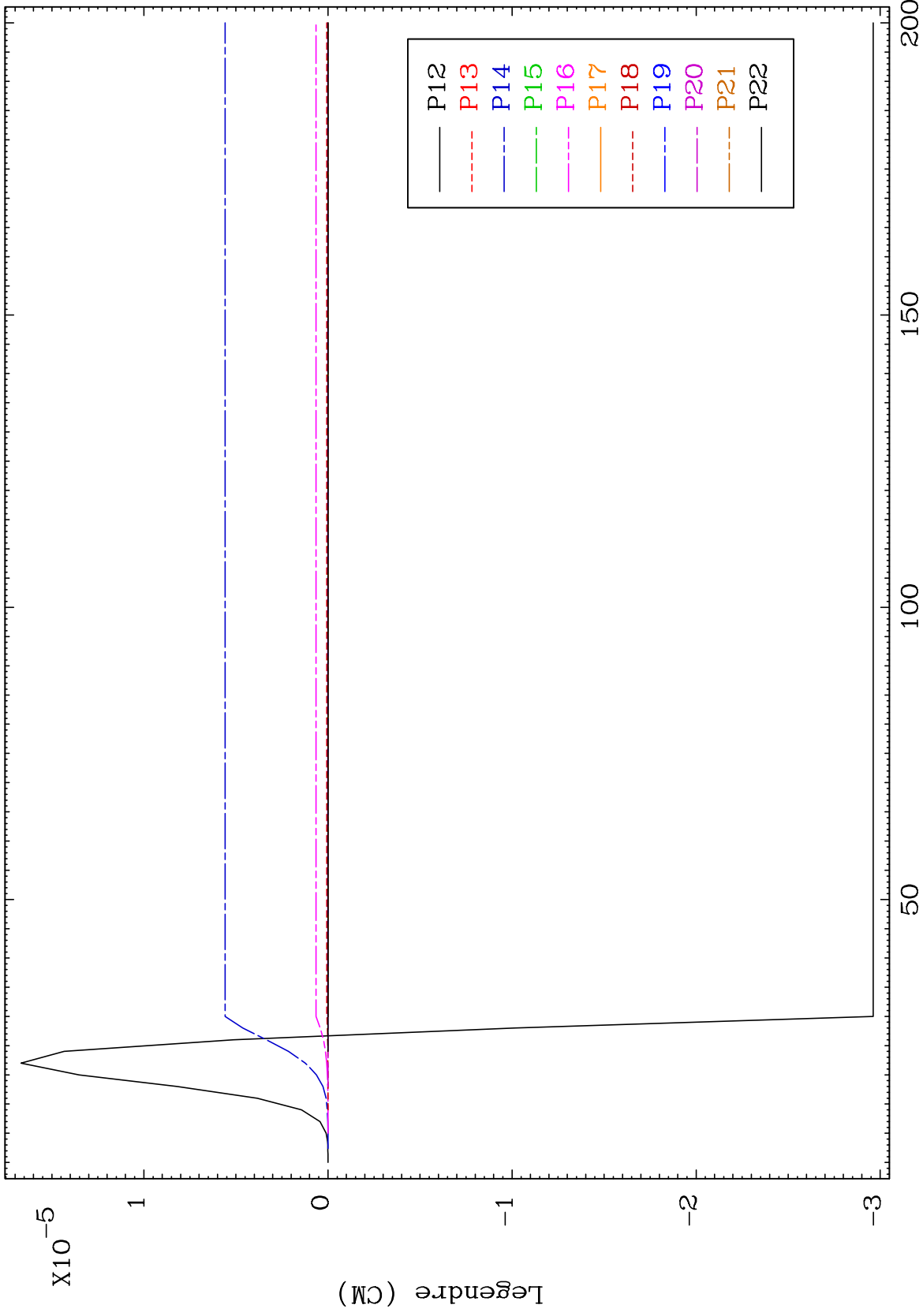
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



49

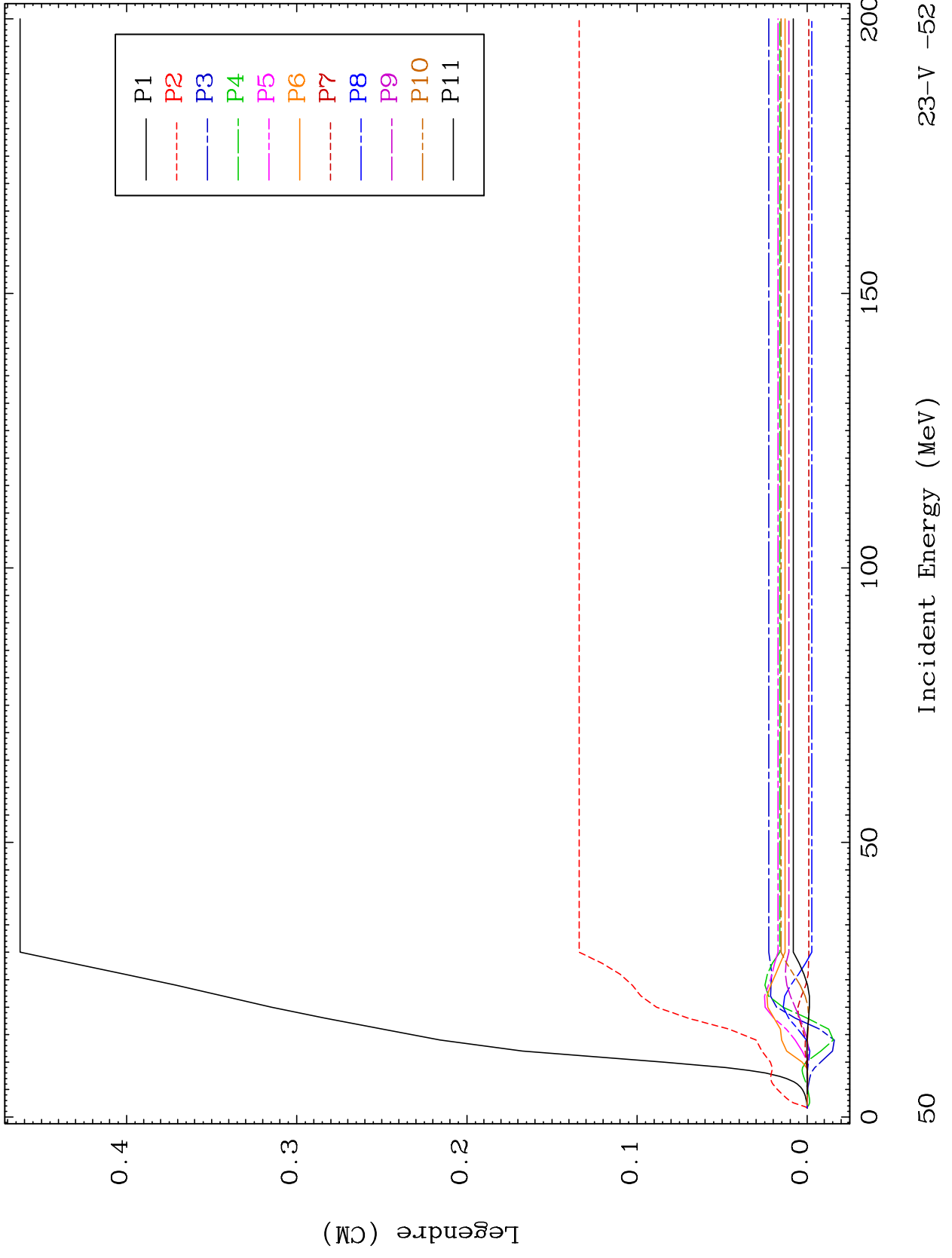
Incident Energy (MeV)

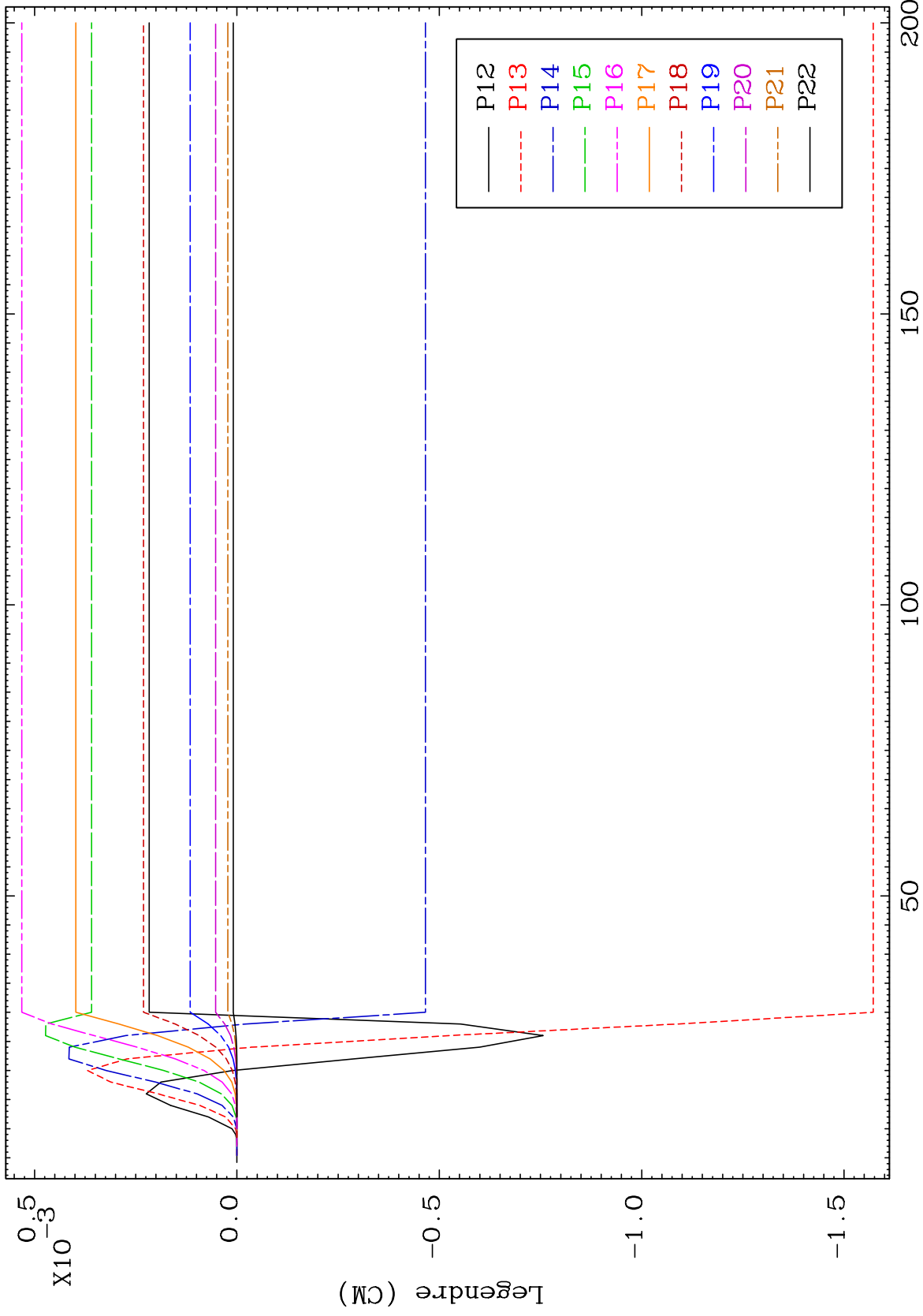
23-V -52

MAT 2331

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

23-V -52

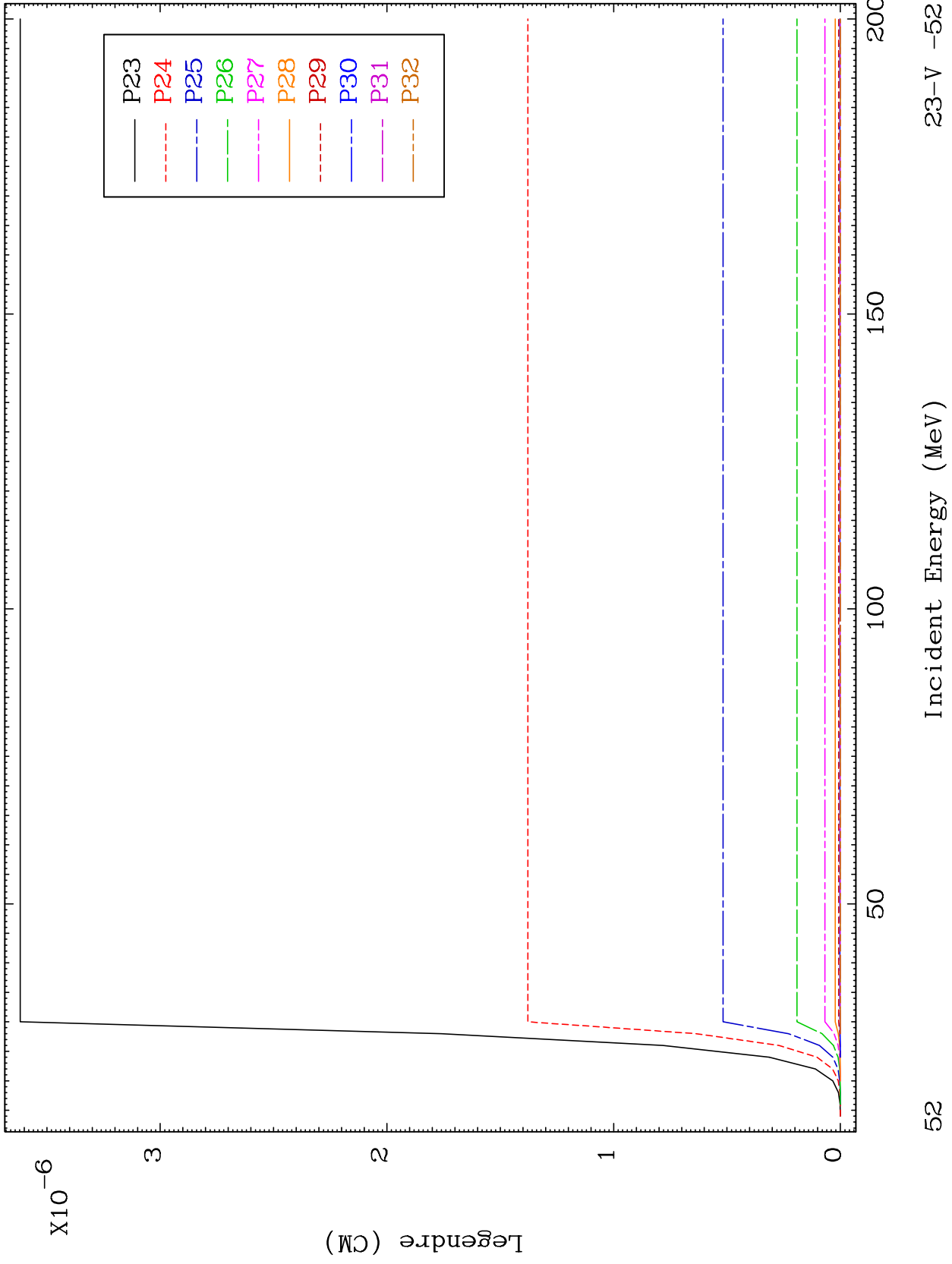




MAT 2331

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

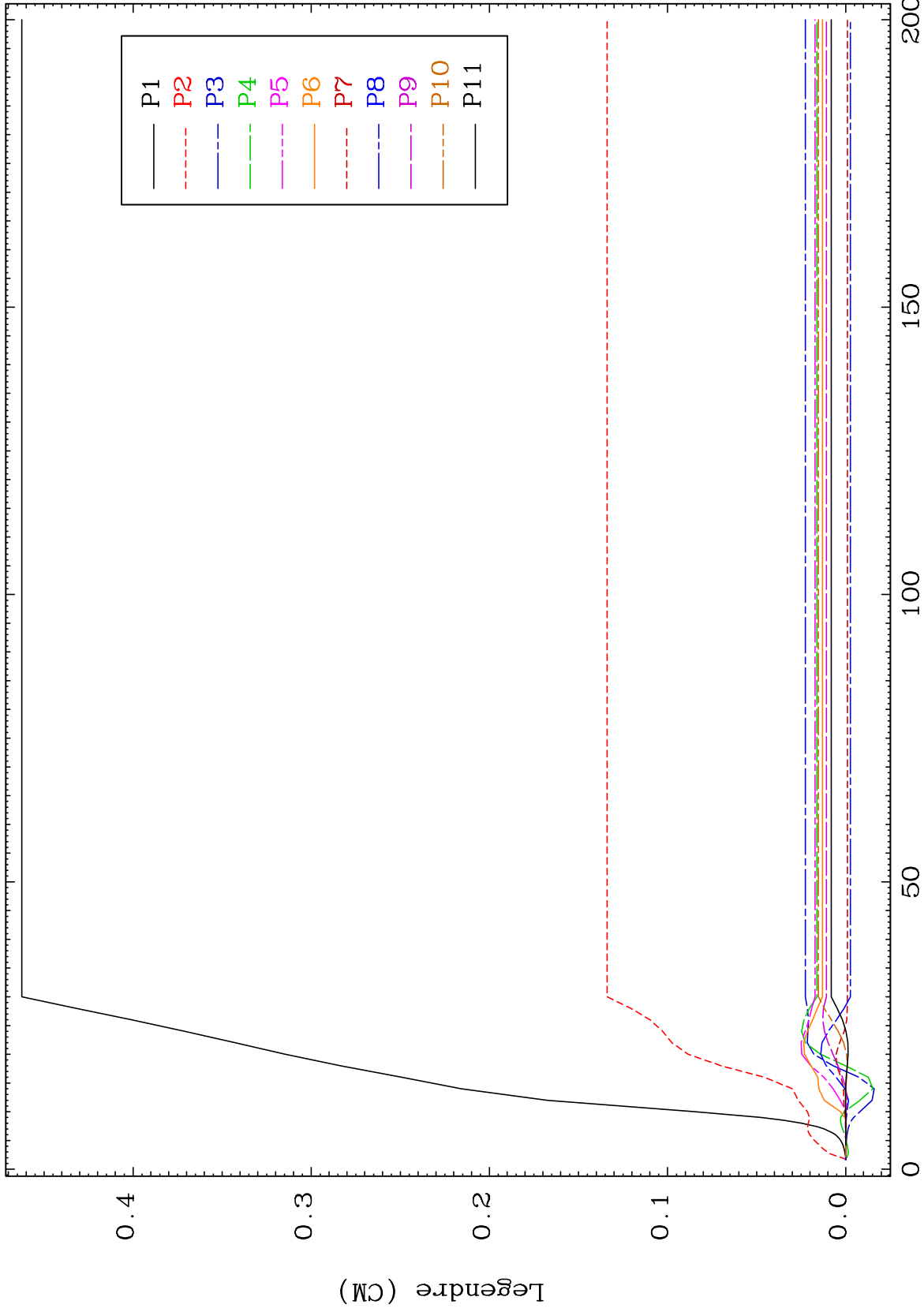
23-V -52



MAT 2331

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

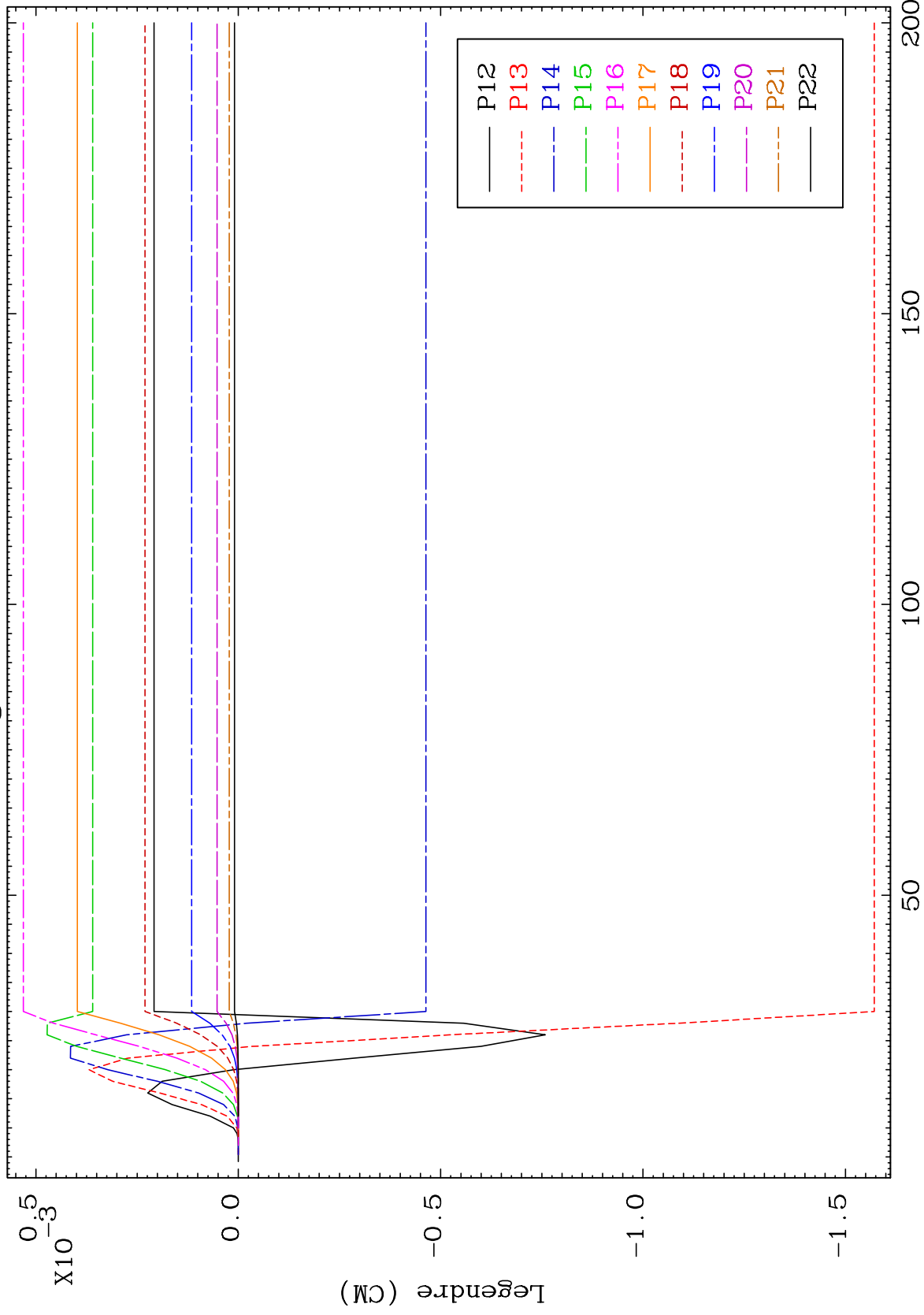
23-V -52



53

Incident Energy (MeV)

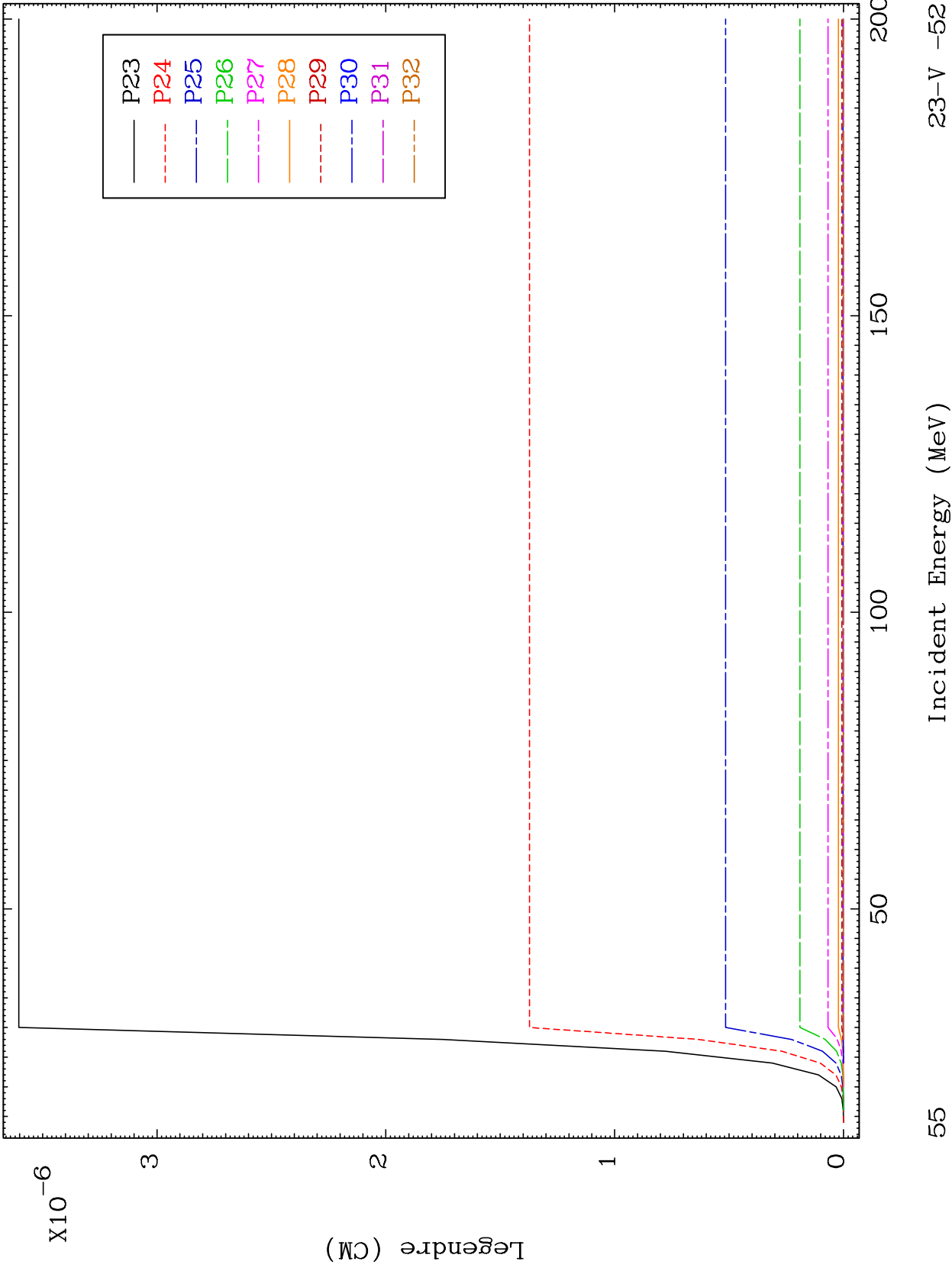
23-V -52



MAT 2331

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

23-V -52



55

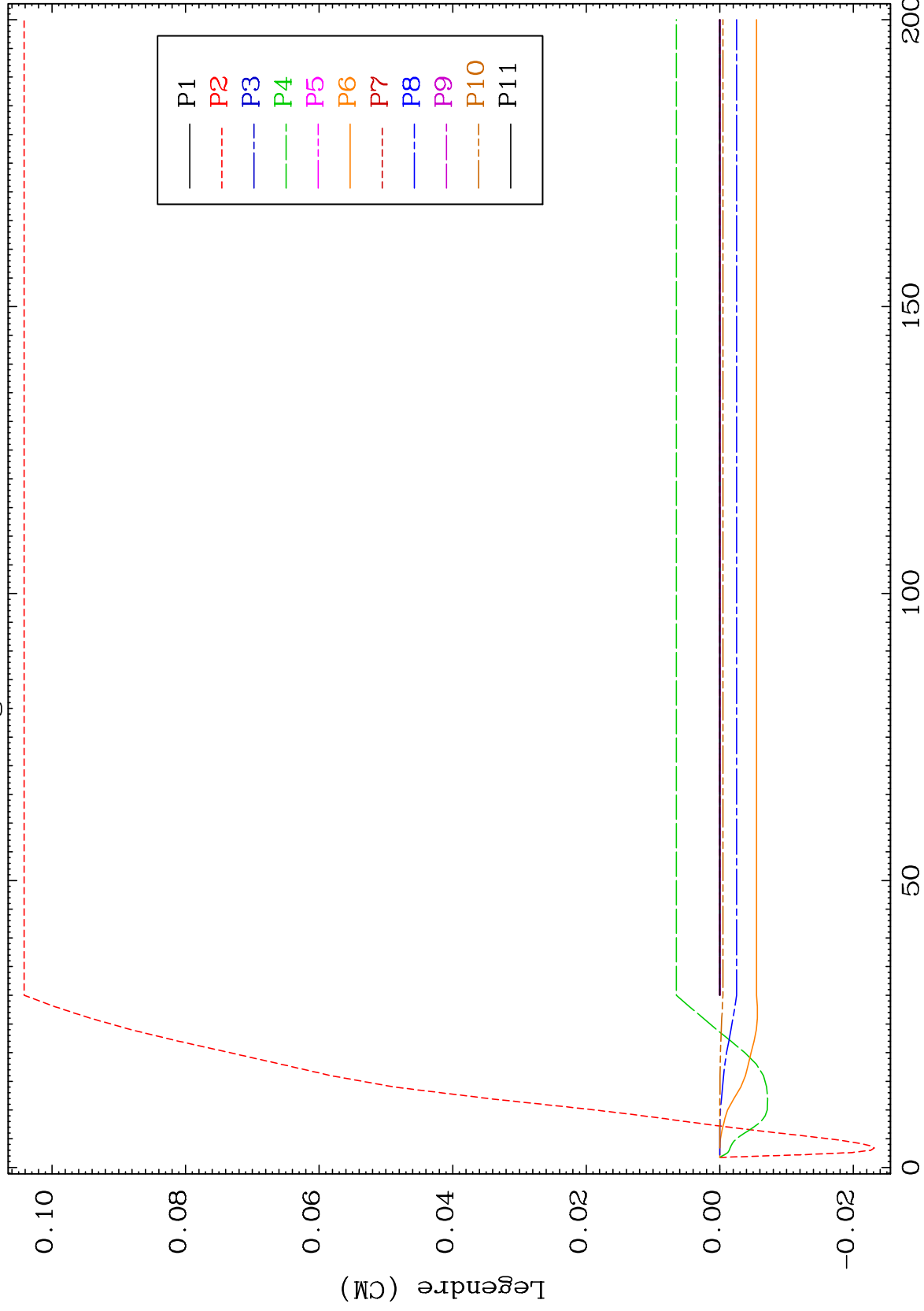
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



Incident Energy (MeV)

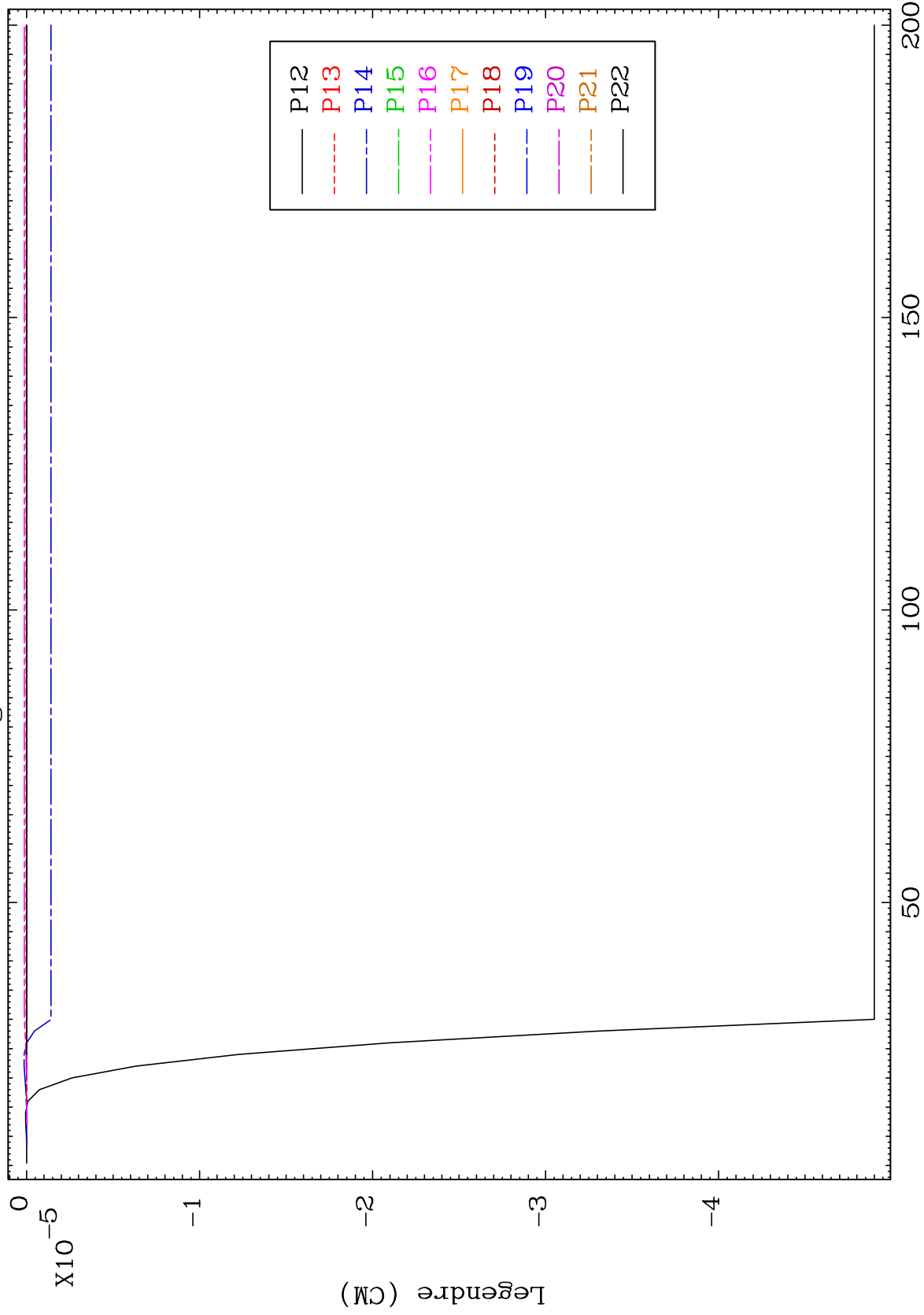
23-V -52

56

MAT 2331

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

23-V -52



57

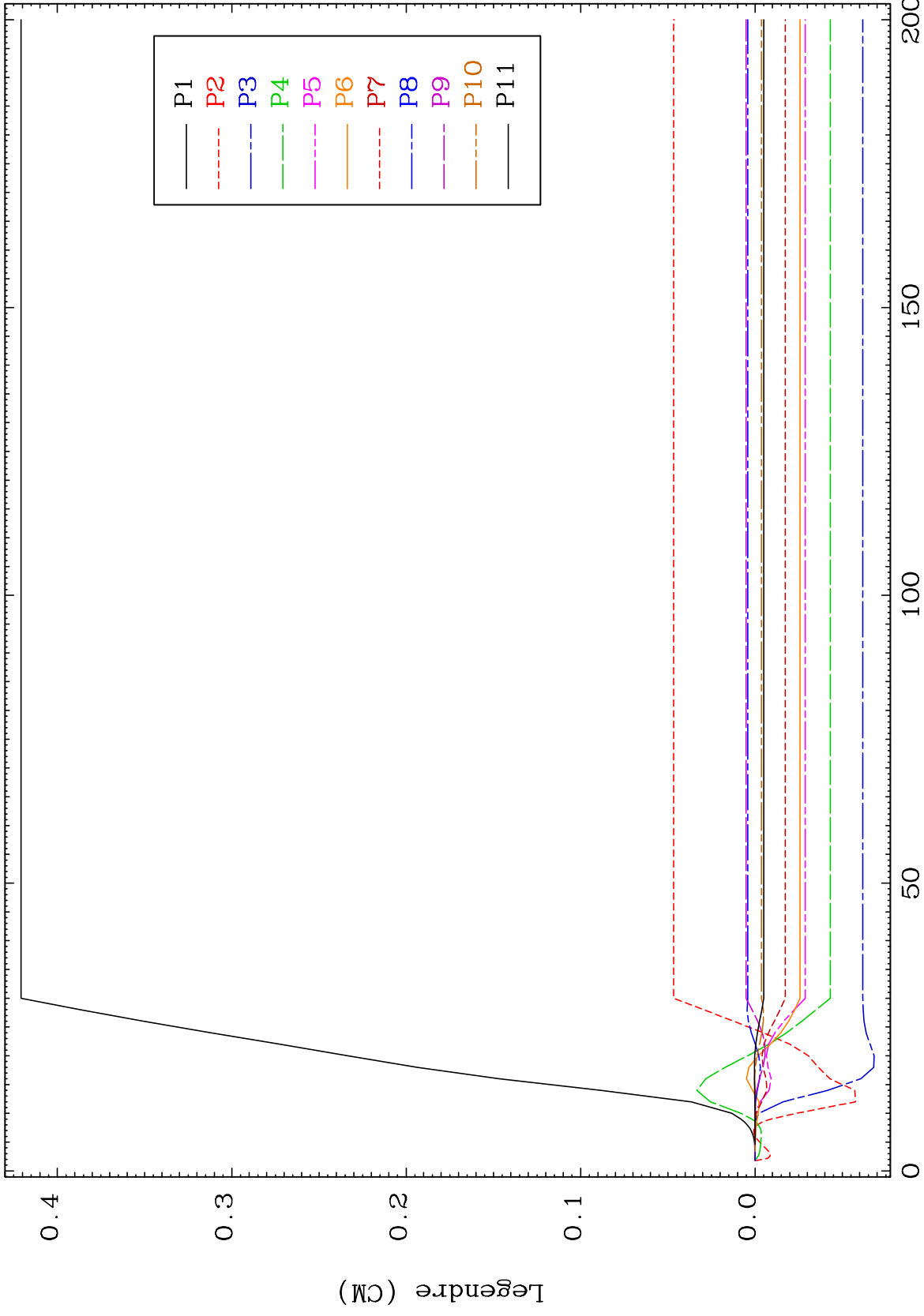
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



58

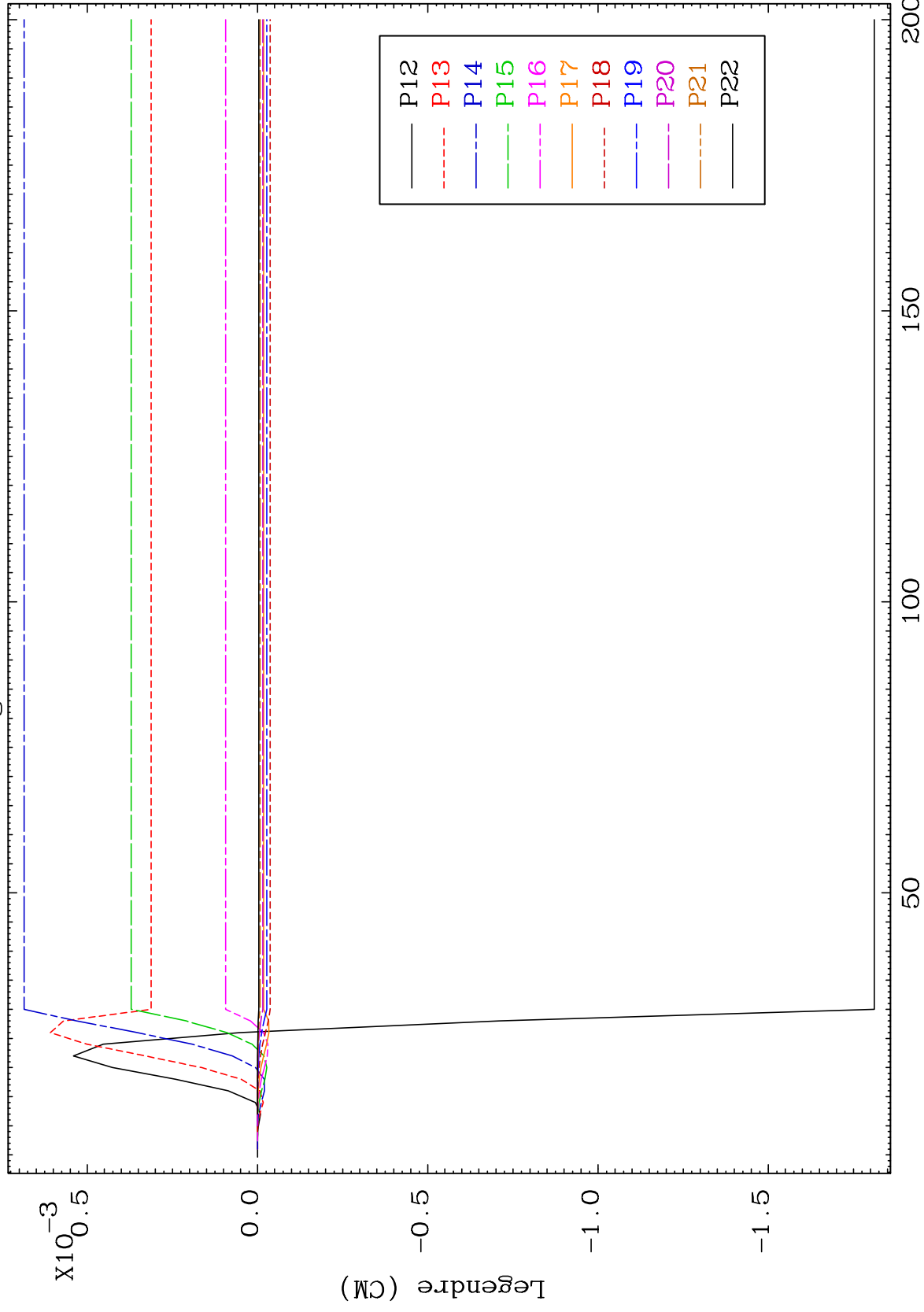
Incident Energy (MeV)

23-V -52

MAT 2331

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

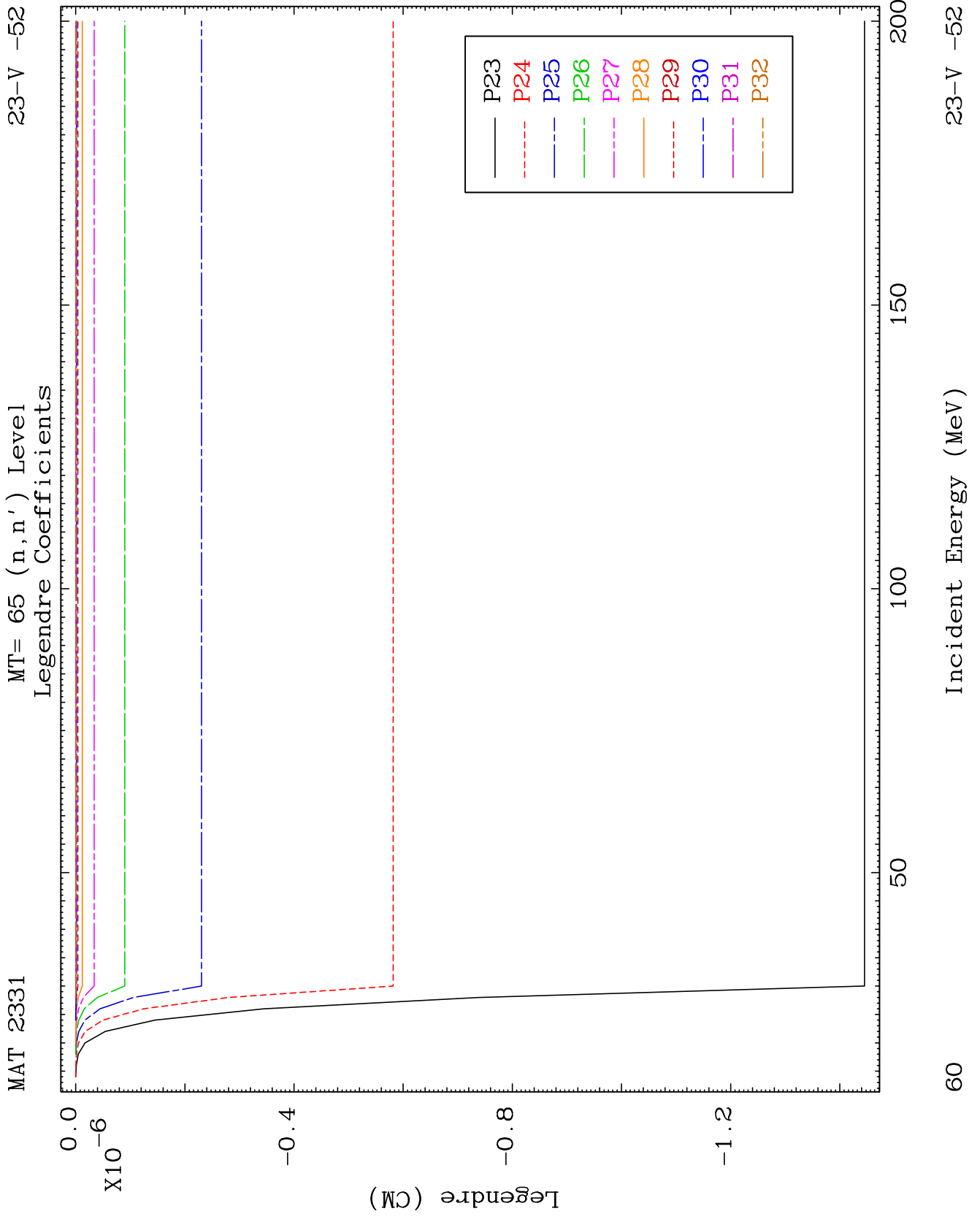
23-V -52



59

Incident Energy (MeV)

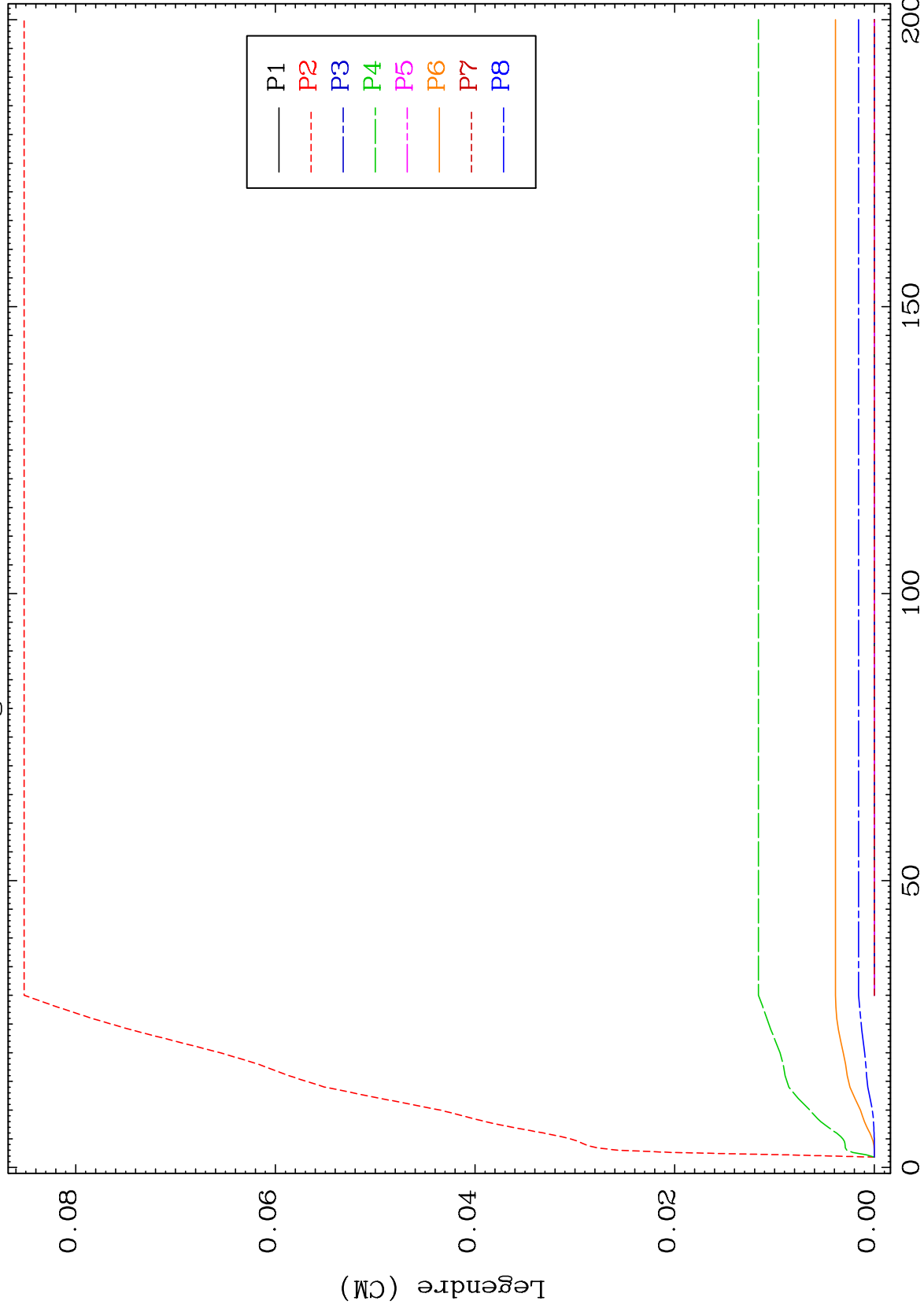
23-V -52



MAT 2331

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

23-V -52



61

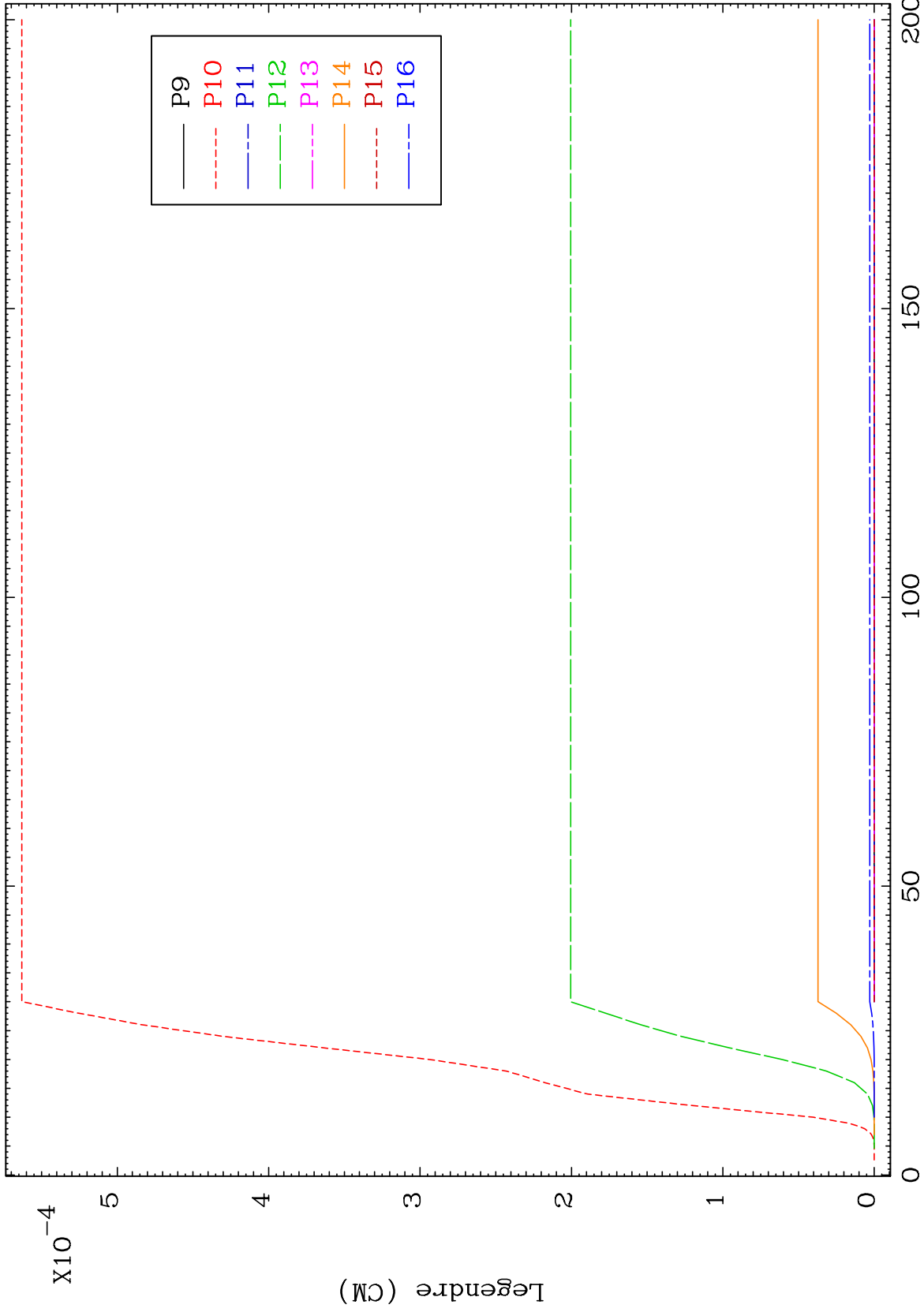
Incident Energy (MeV)

23-V -52

MAT 2331

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

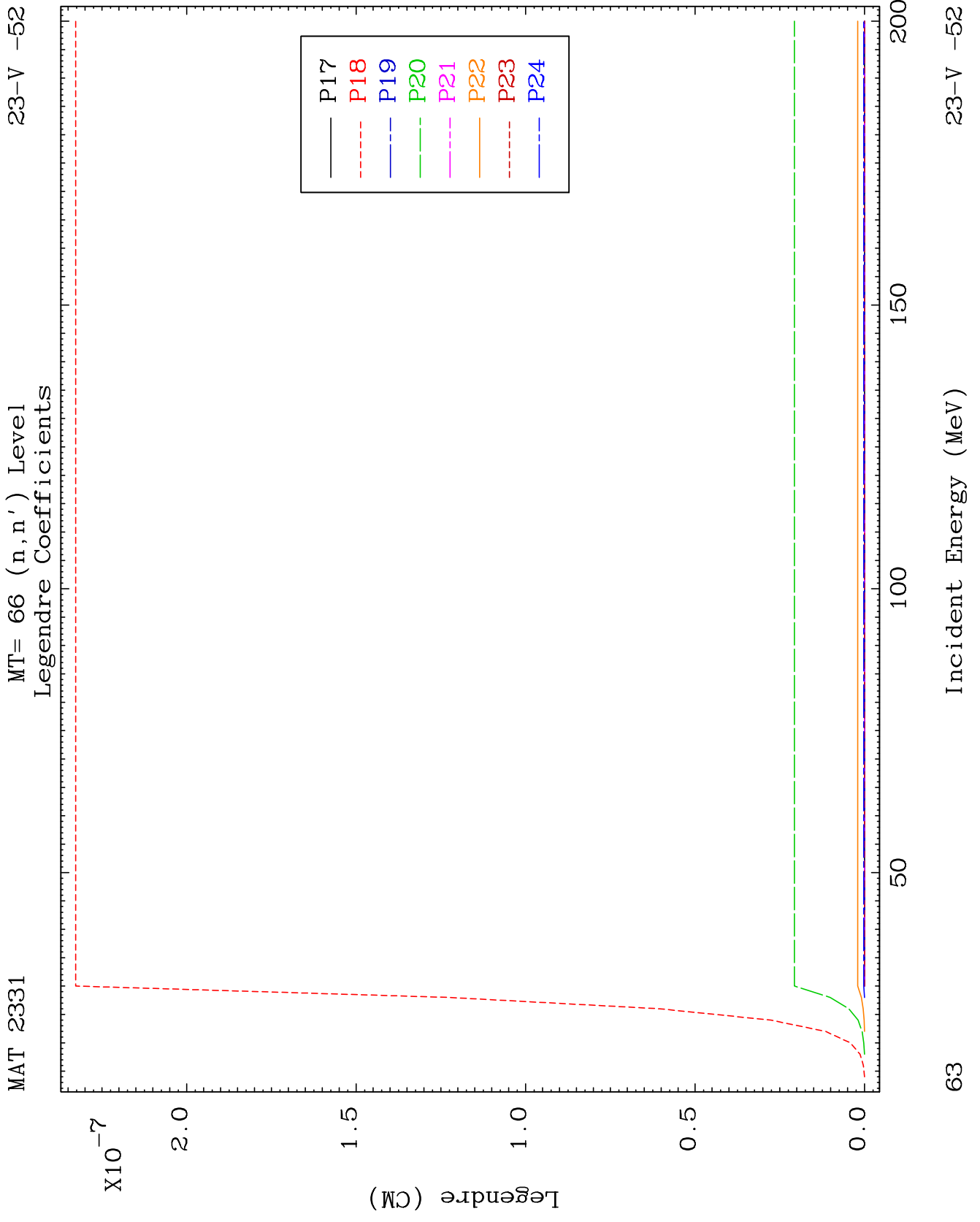
23-V -52

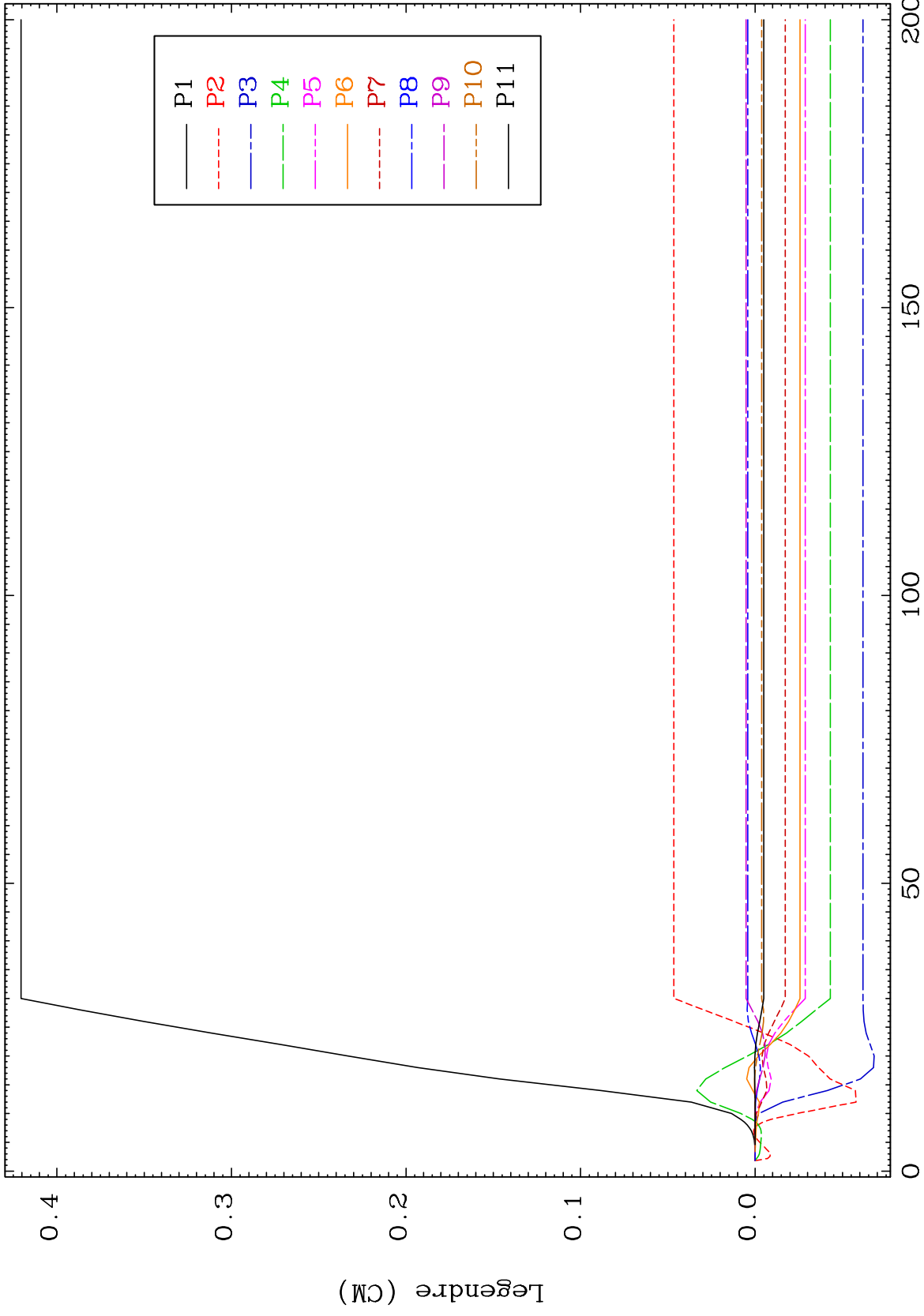


62

Incident Energy (MeV)

23-V -52

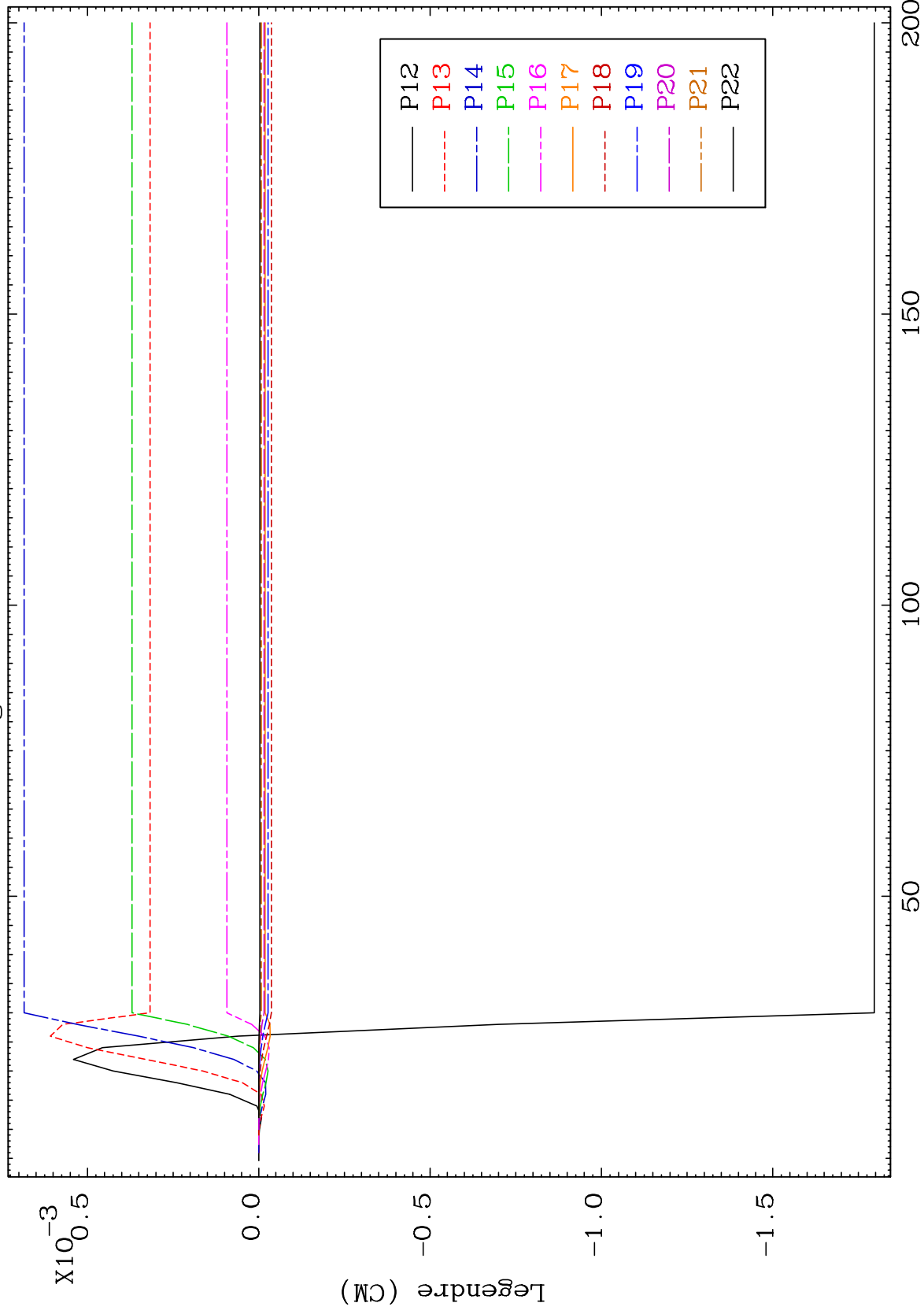




MAT 2331

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

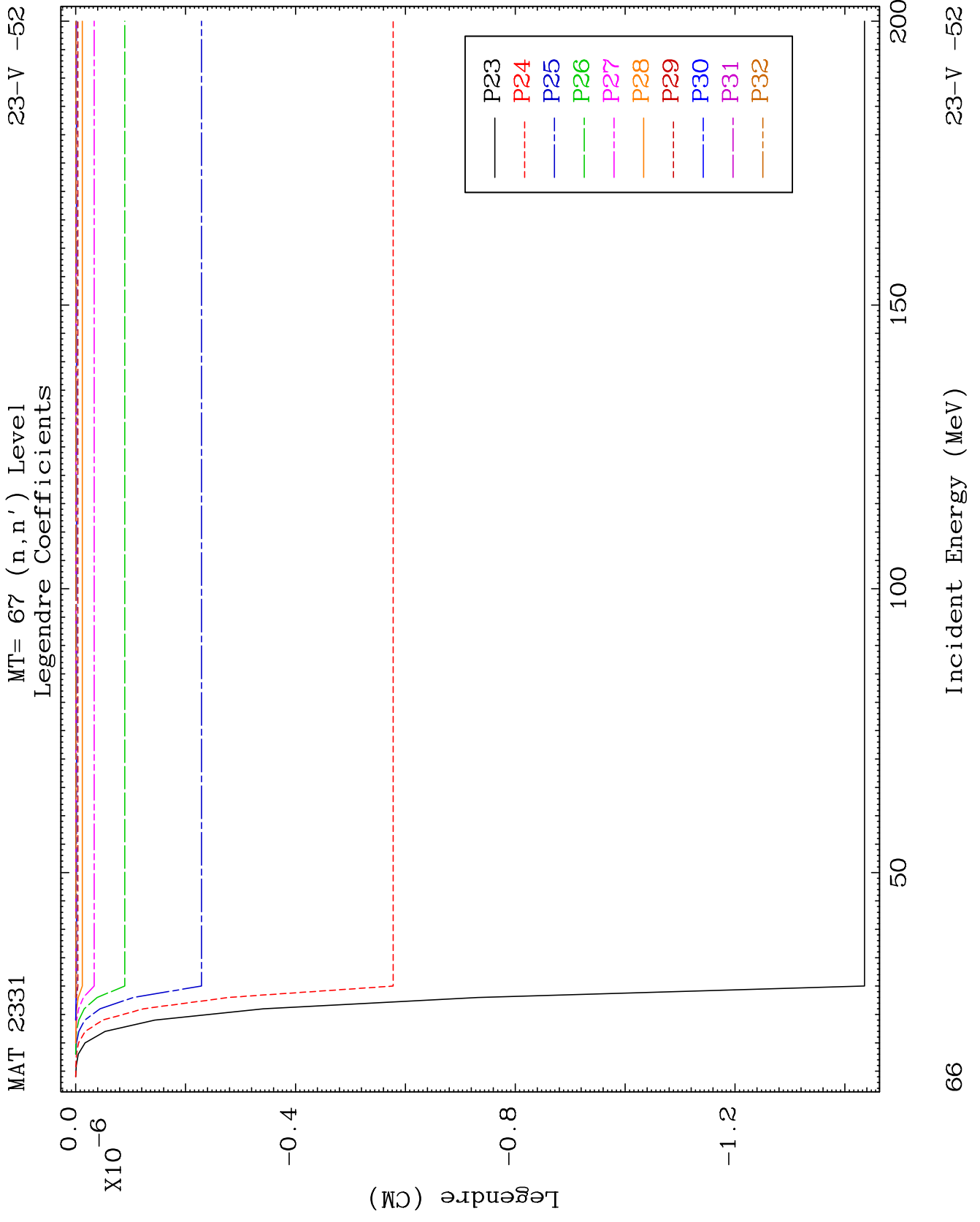
23-V -52



65

Incident Energy (MeV)

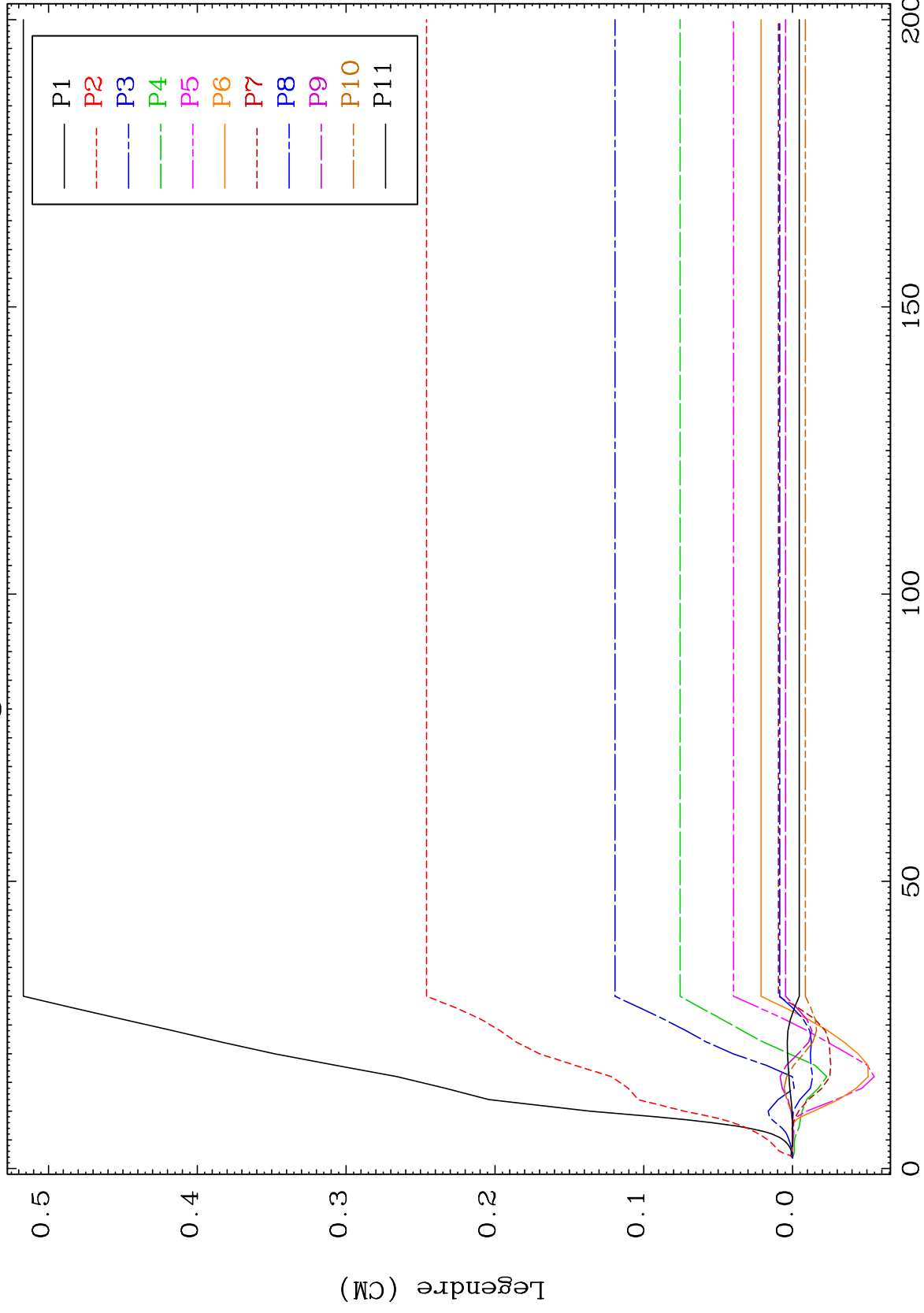
23-V -52



MAT 2331

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

23-V -52



67

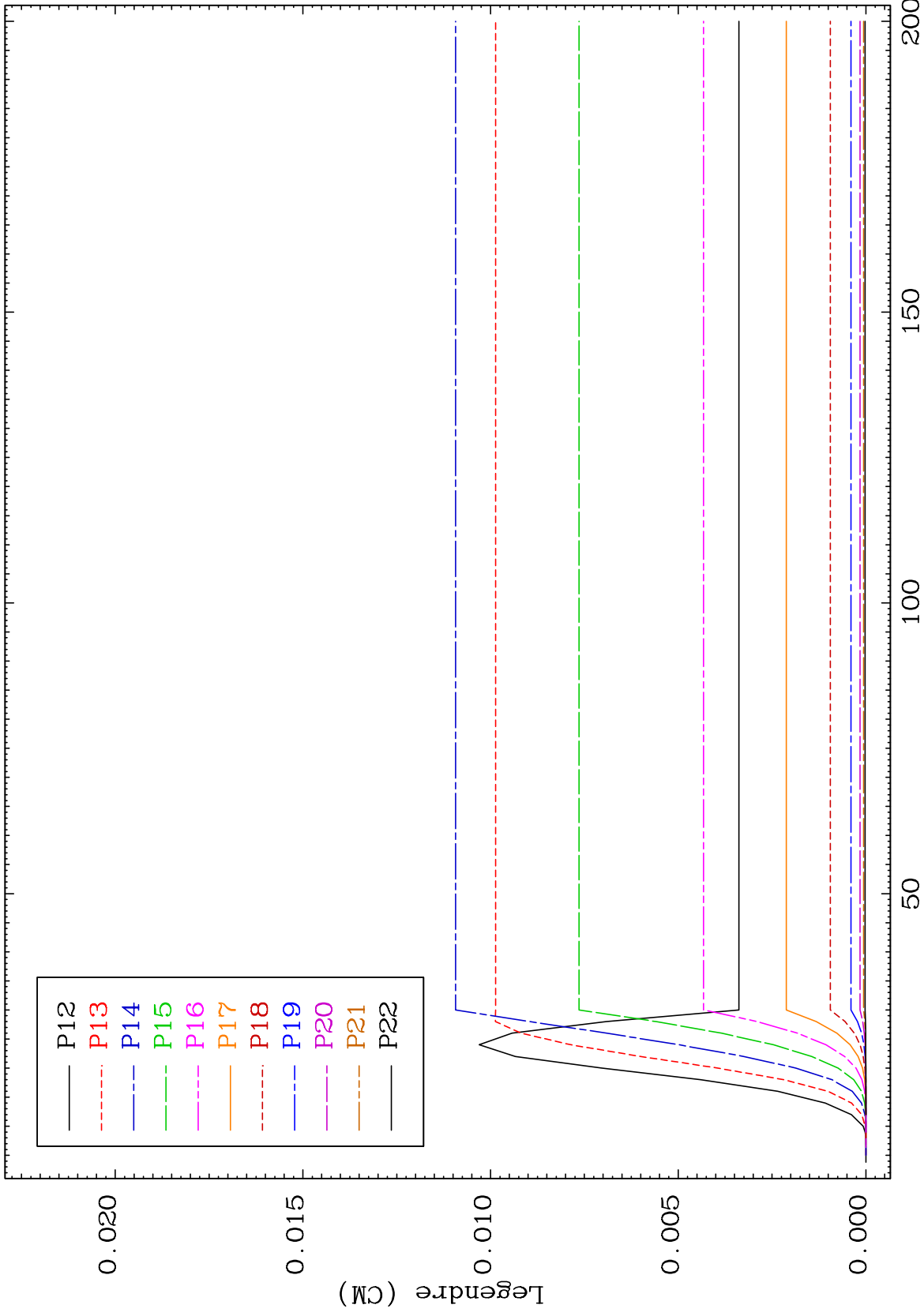
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



68

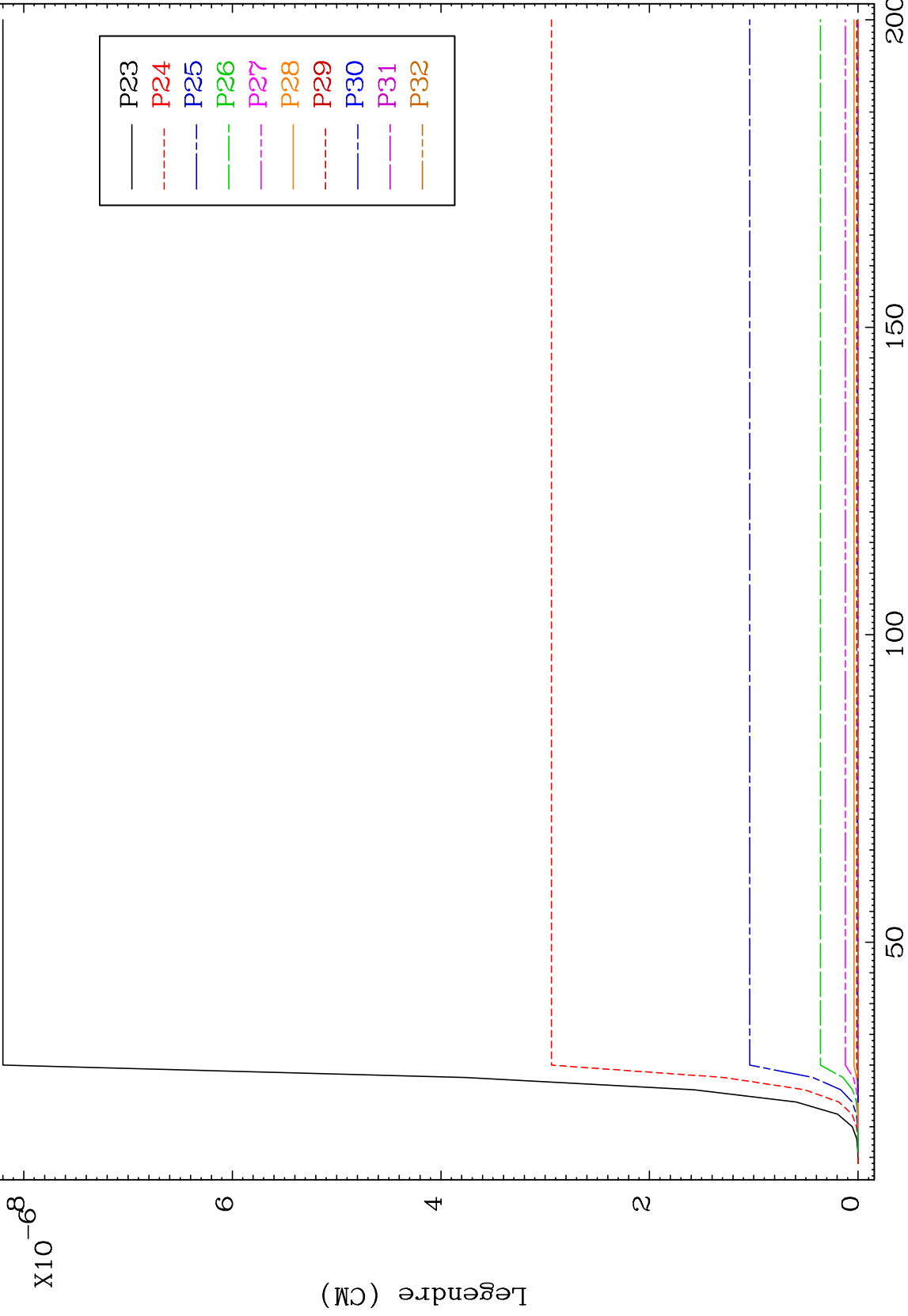
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



69

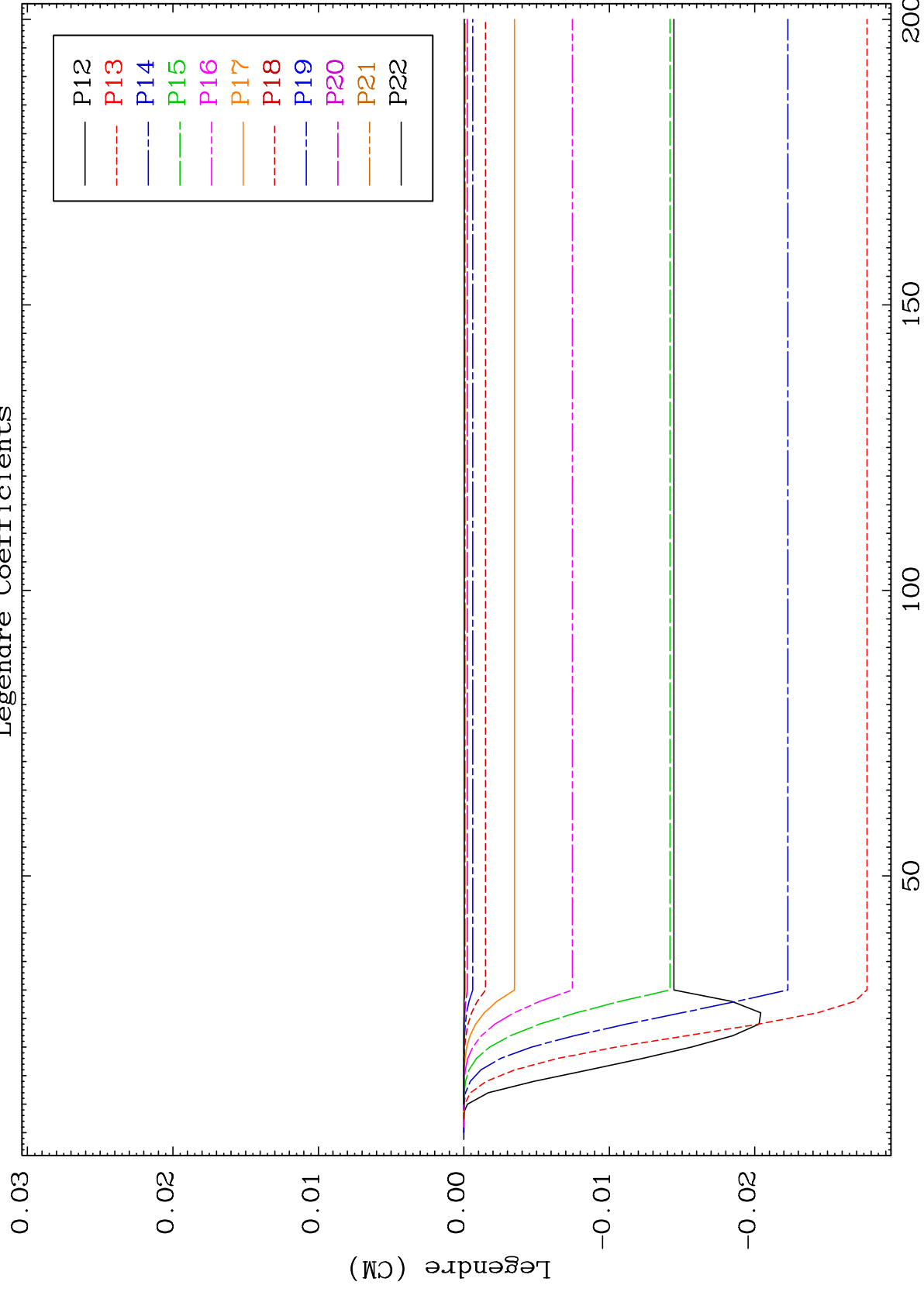
Incident Energy (MeV)

23-V -52

MAT 2331

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

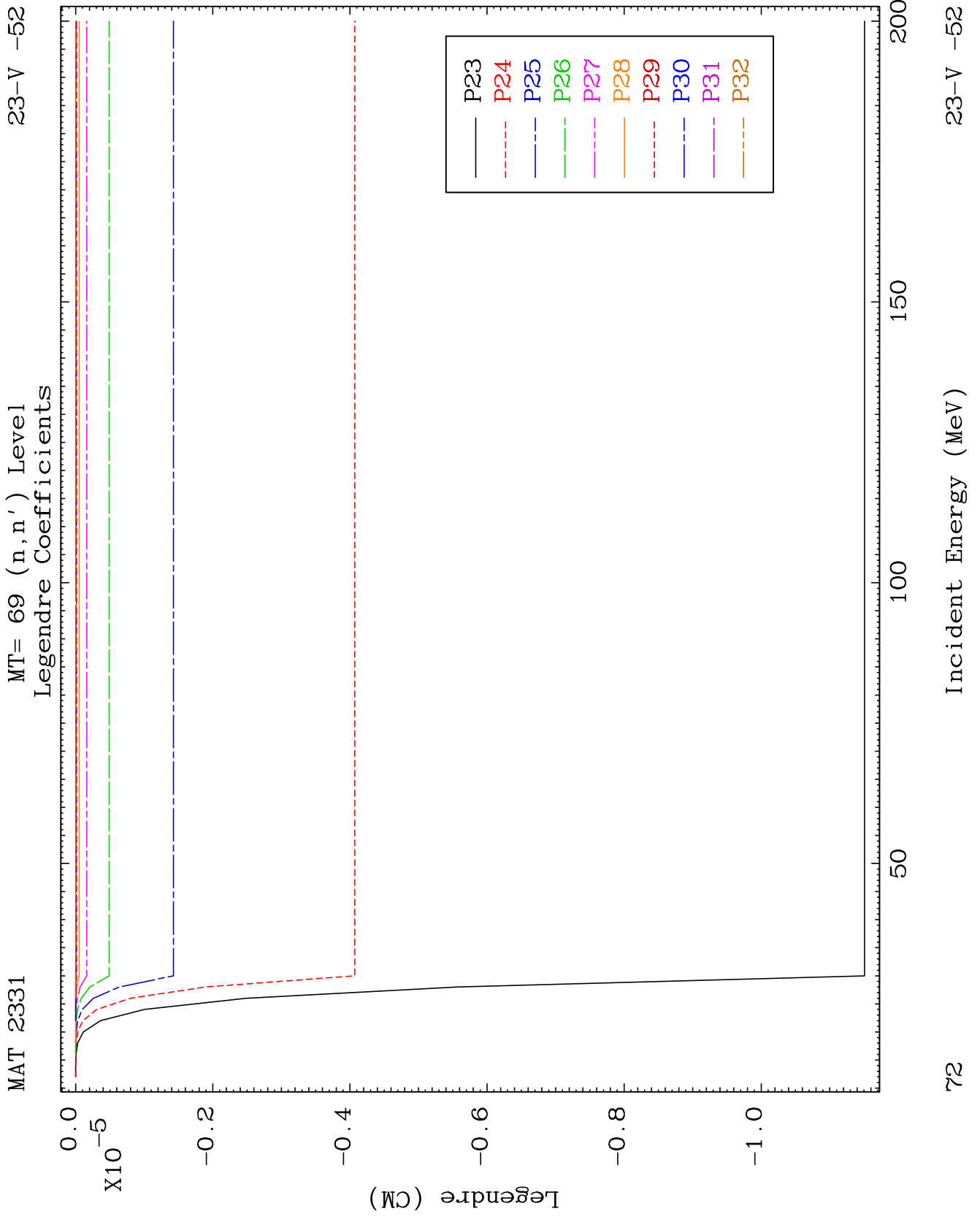
23-V -52



71

Incident Energy (MeV)

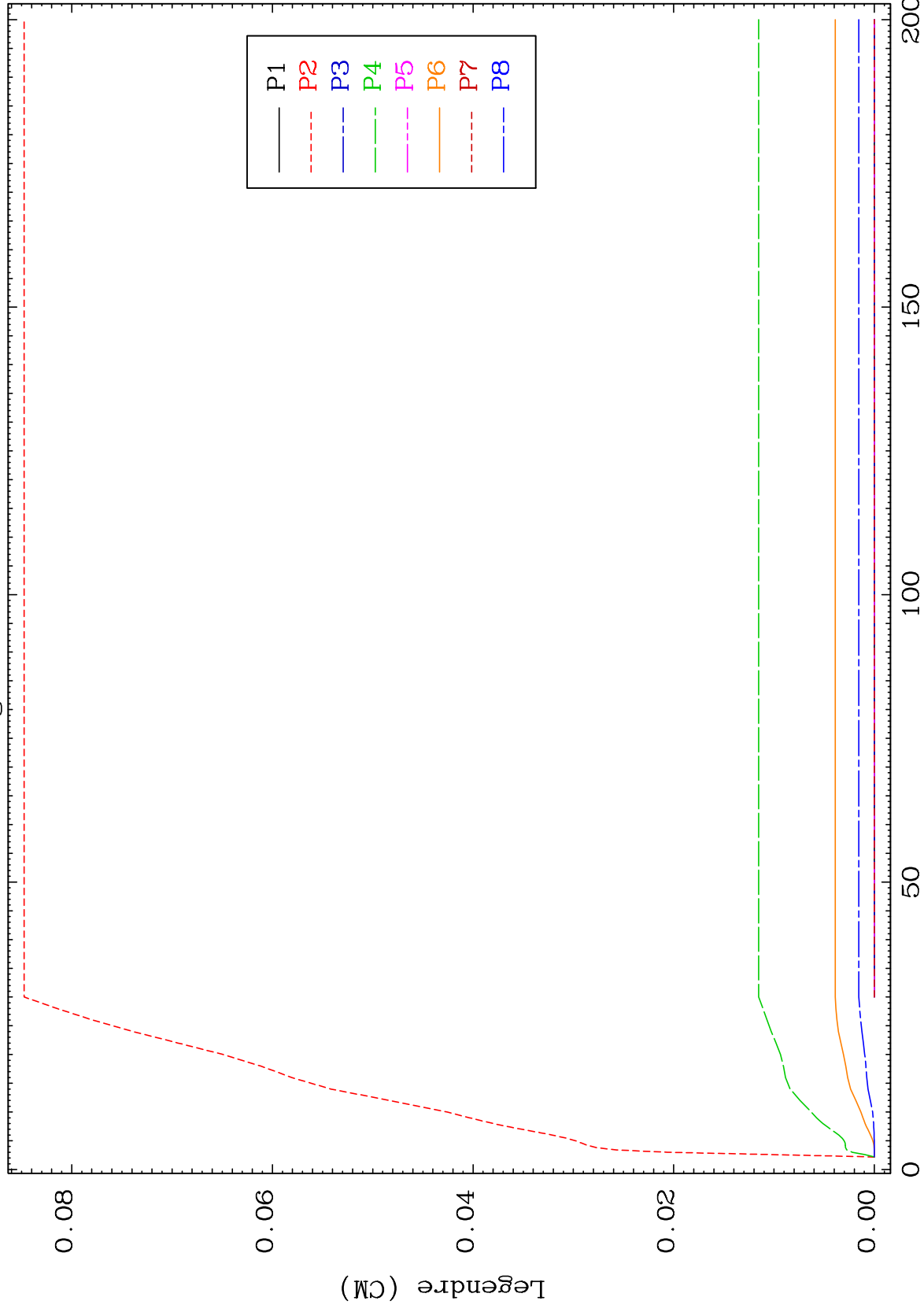
23-V -52



MAT 2331

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

23-V -52



73

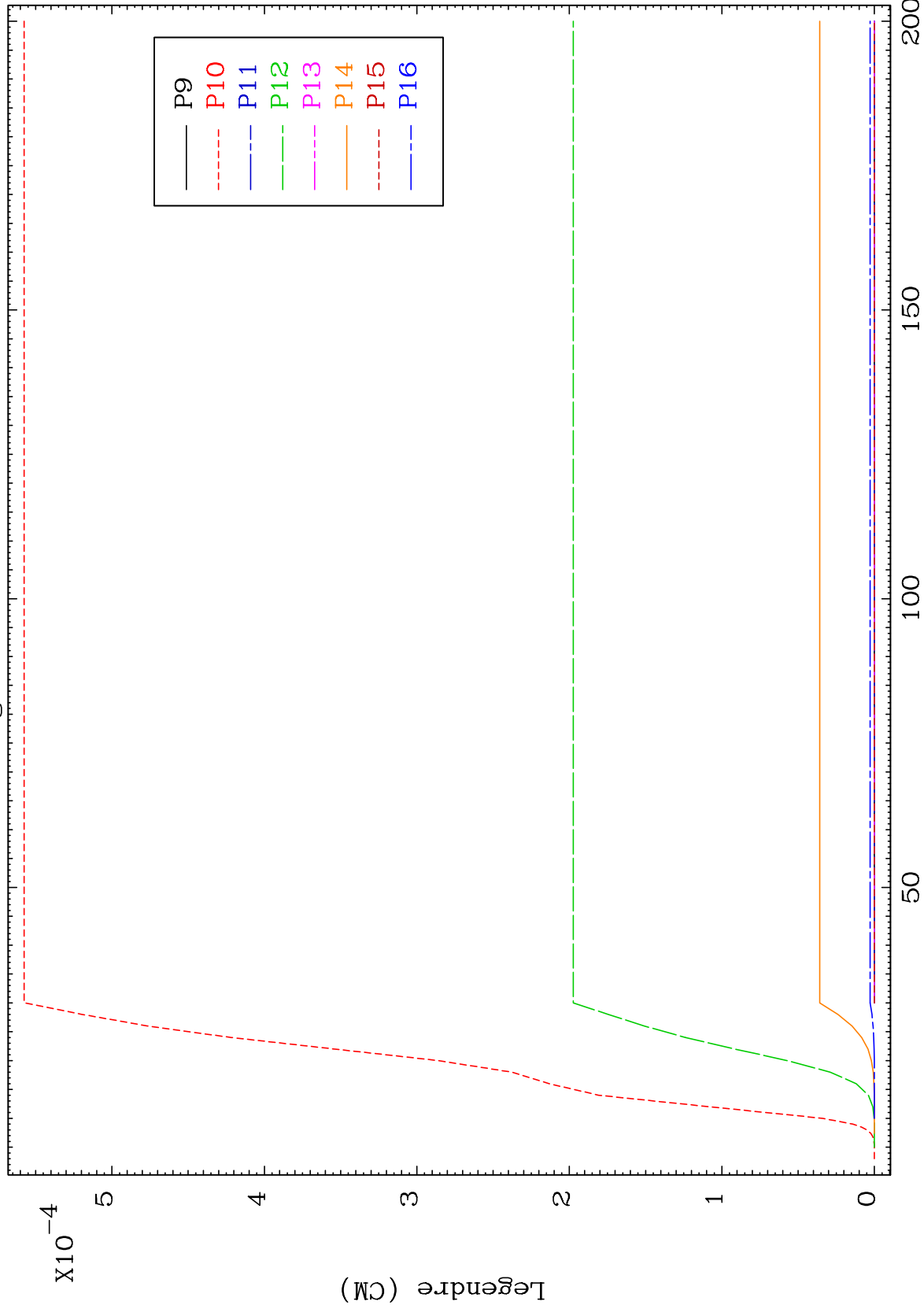
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



74

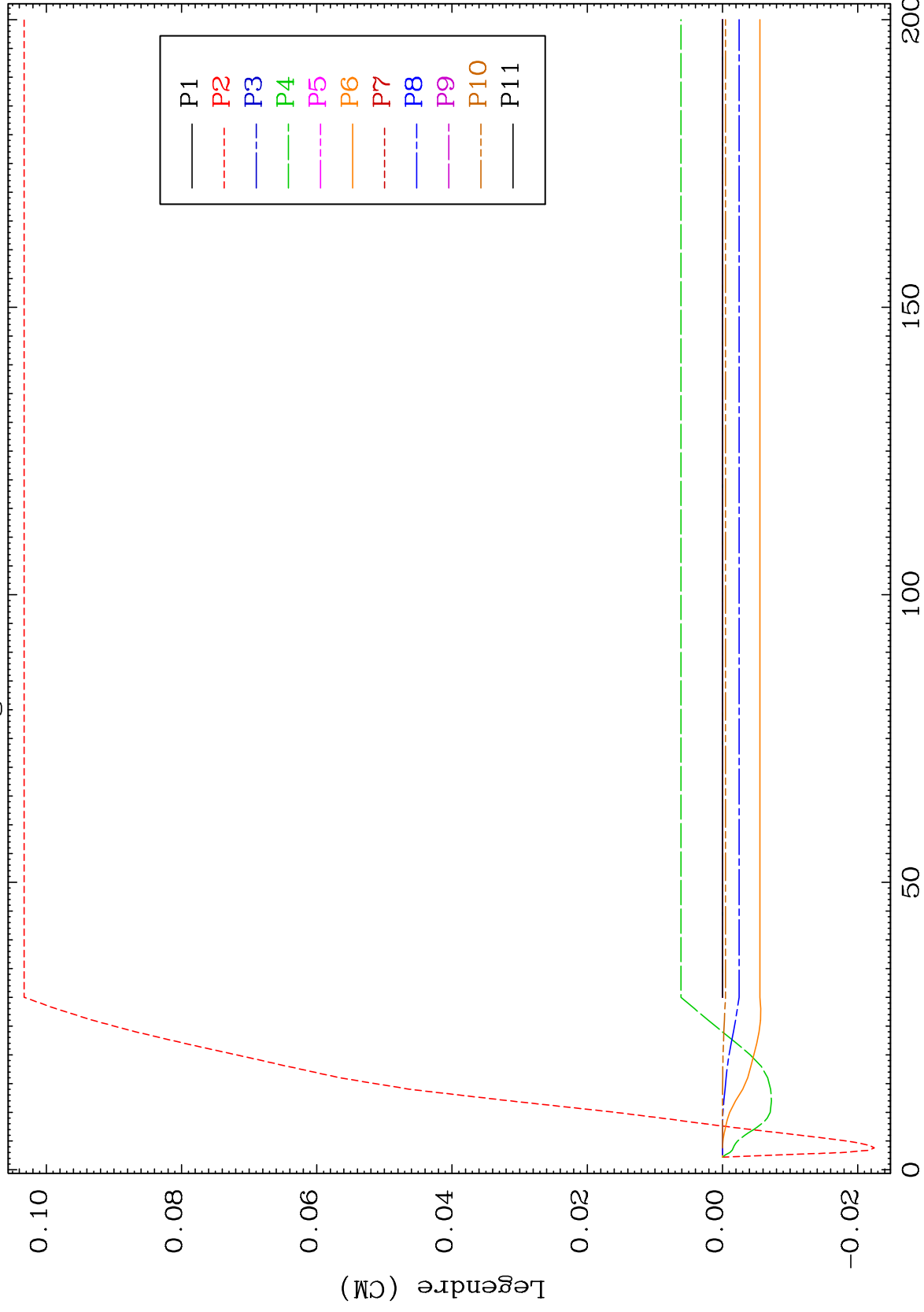
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



76

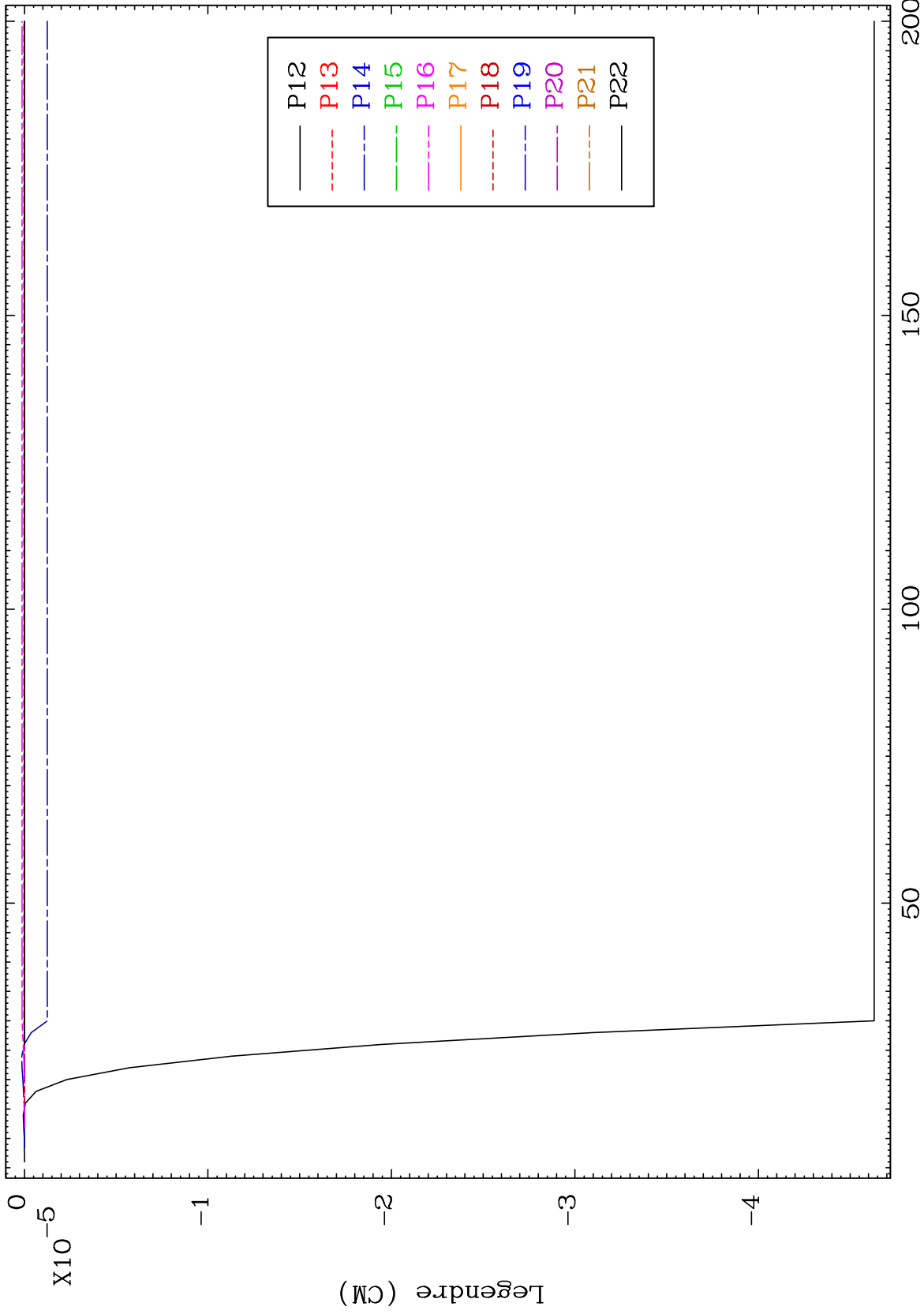
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



77

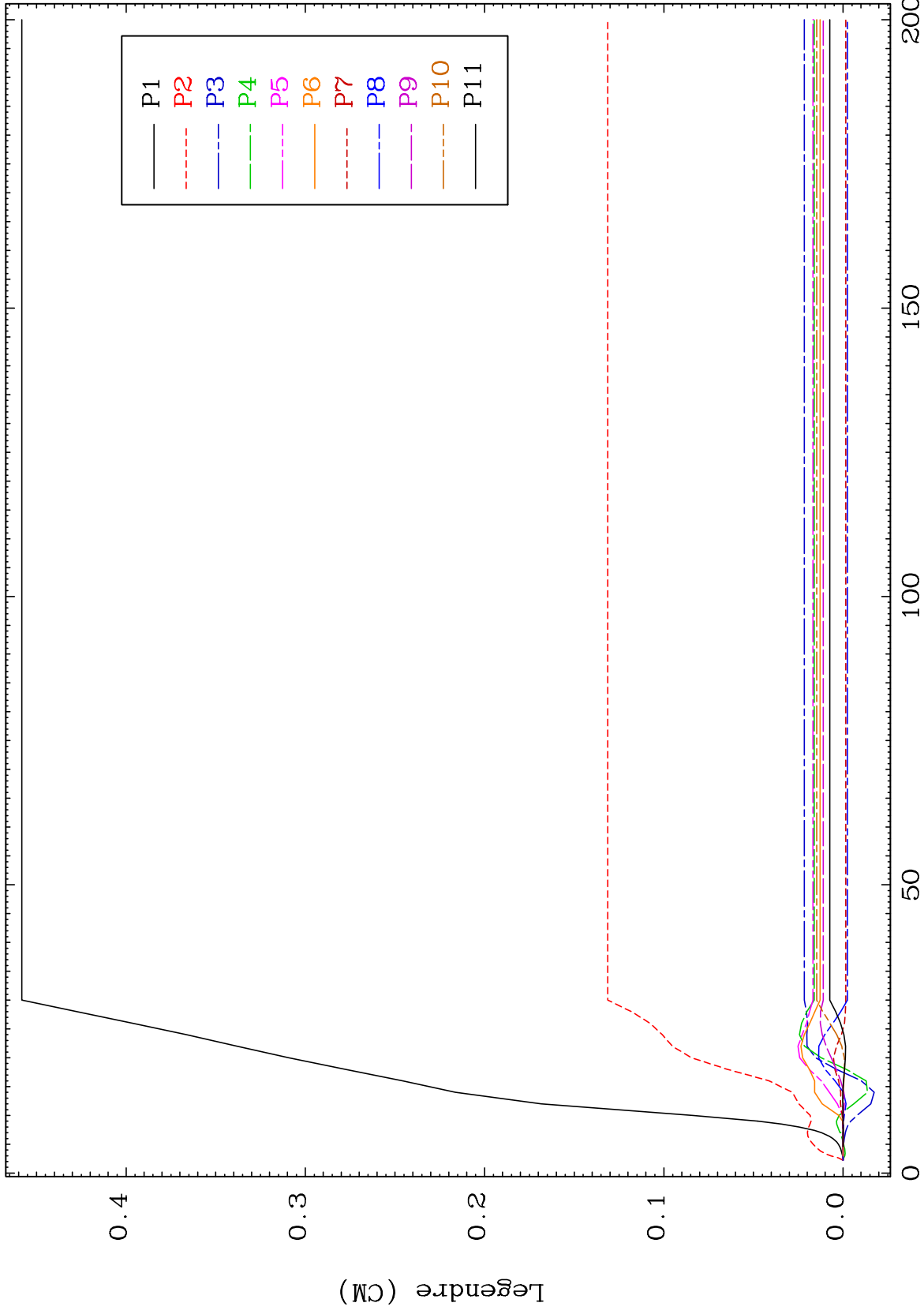
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



78

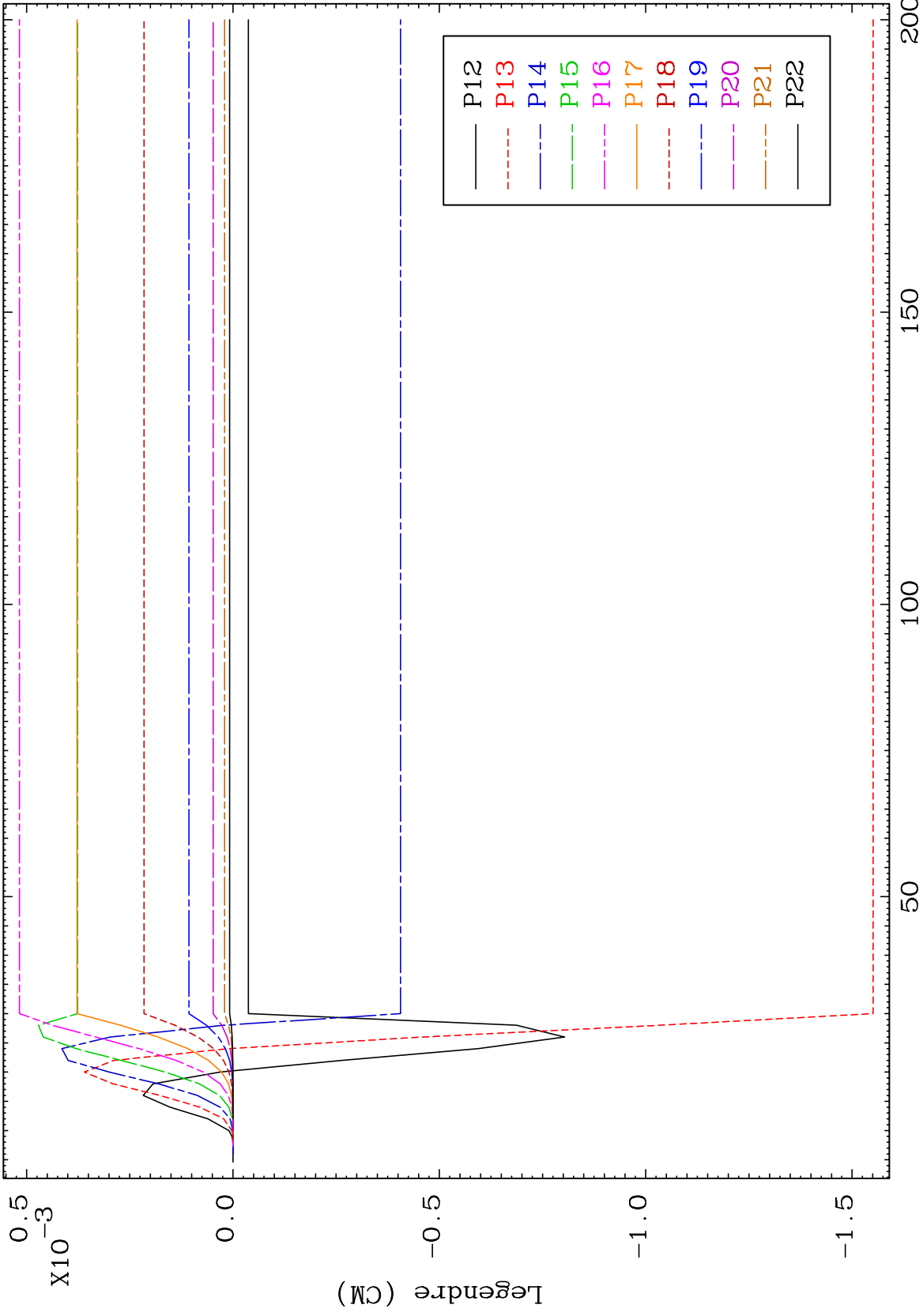
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



79

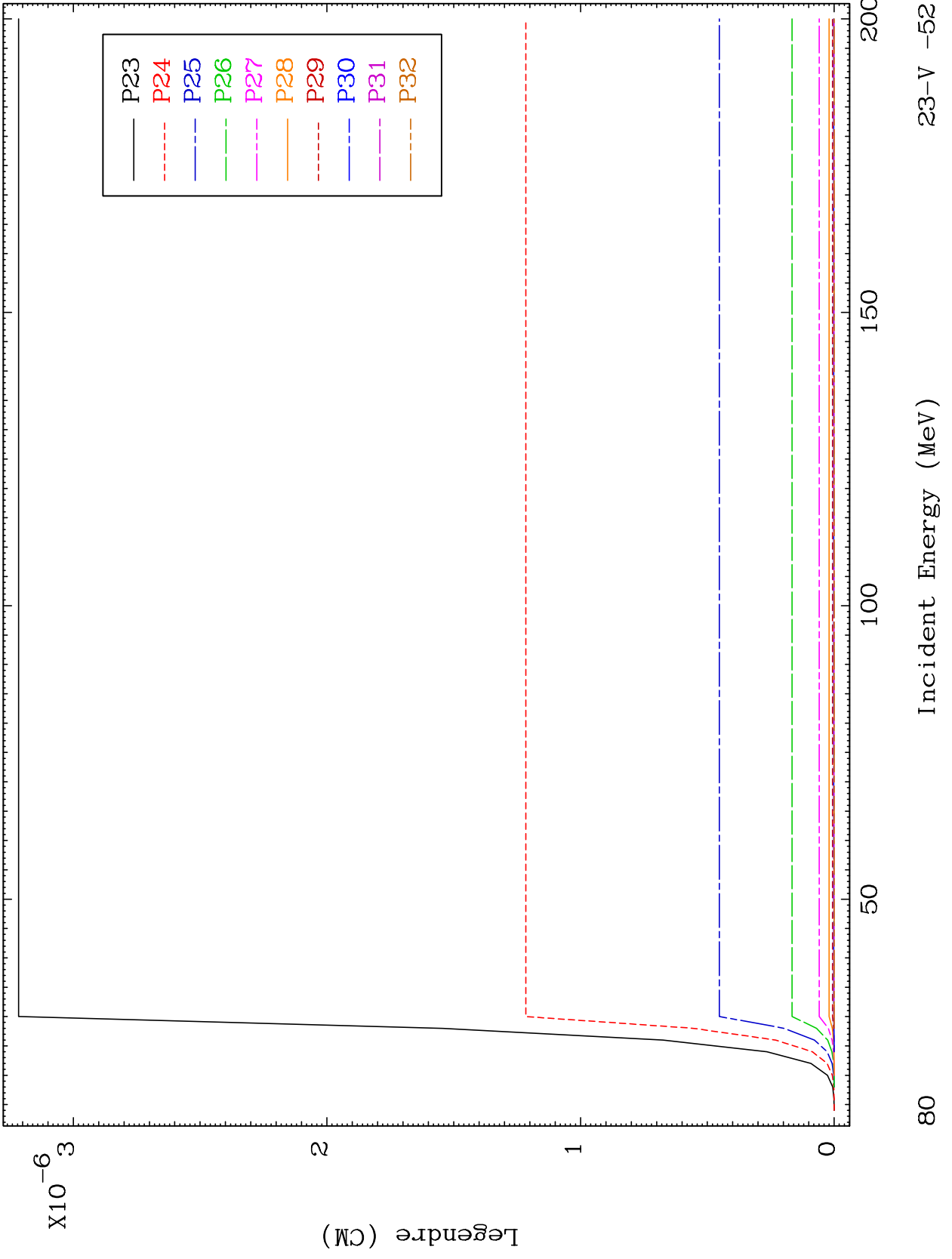
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



80

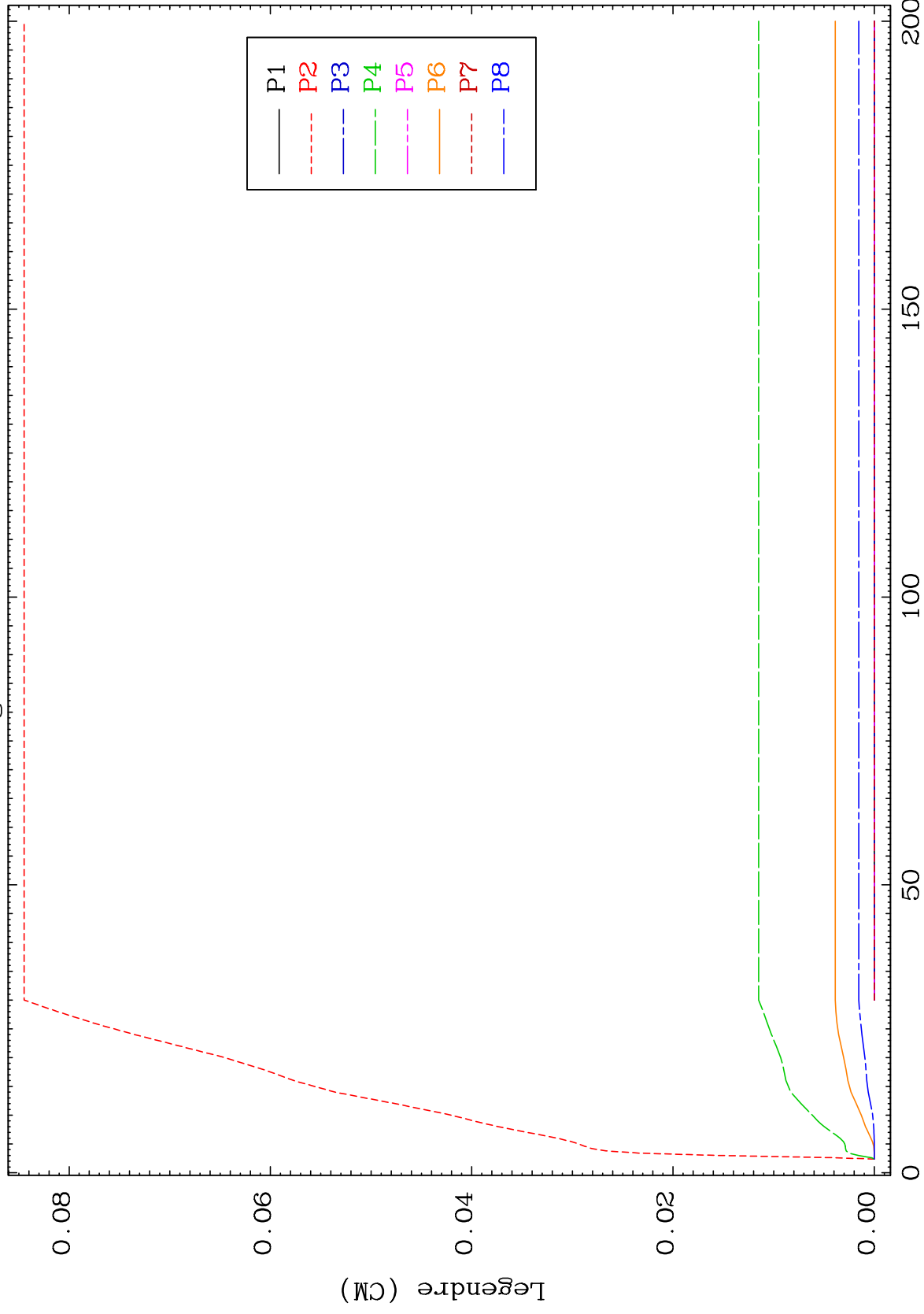
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



81

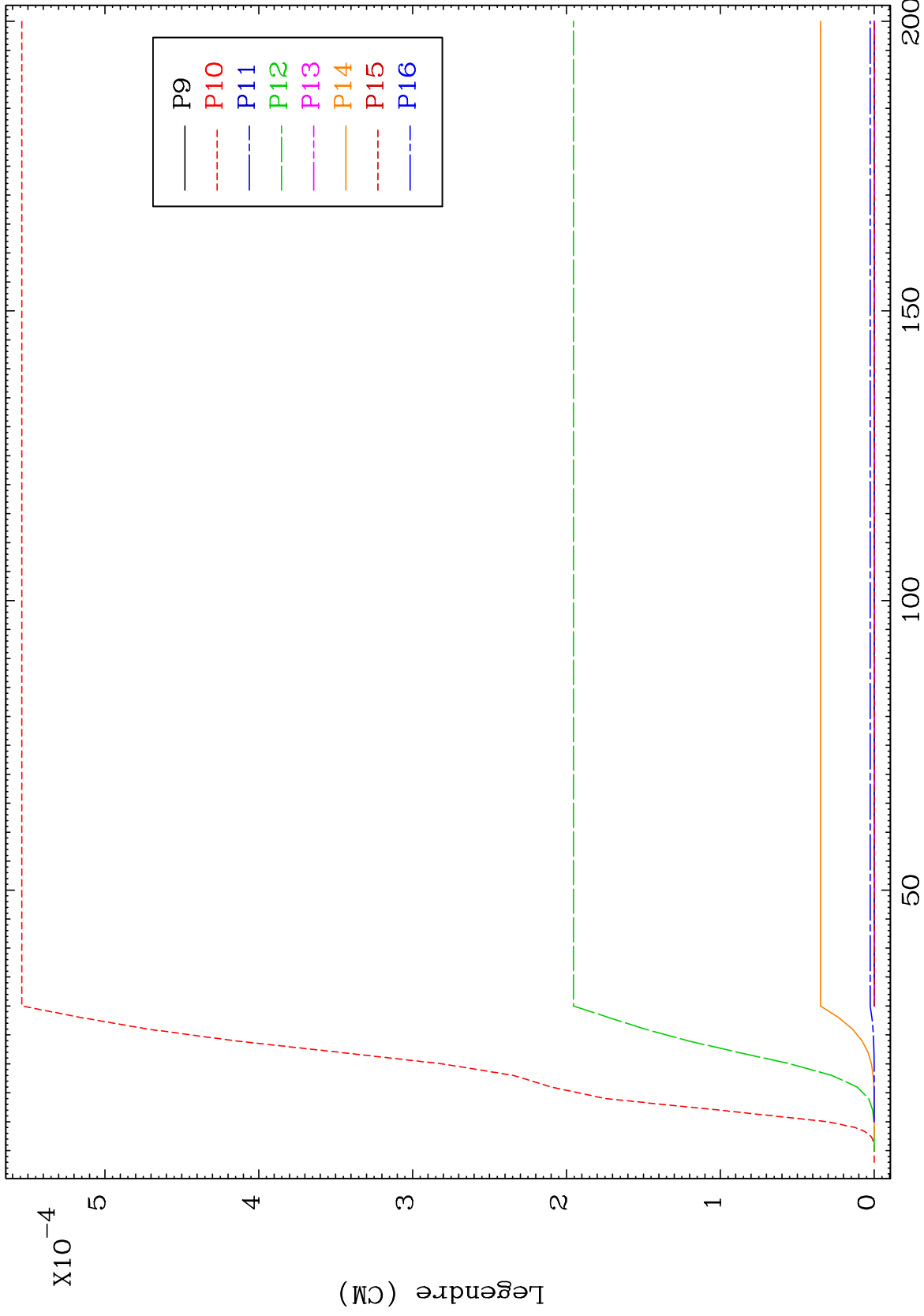
Incident Energy (MeV)

23-V -52

MAT 2331

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

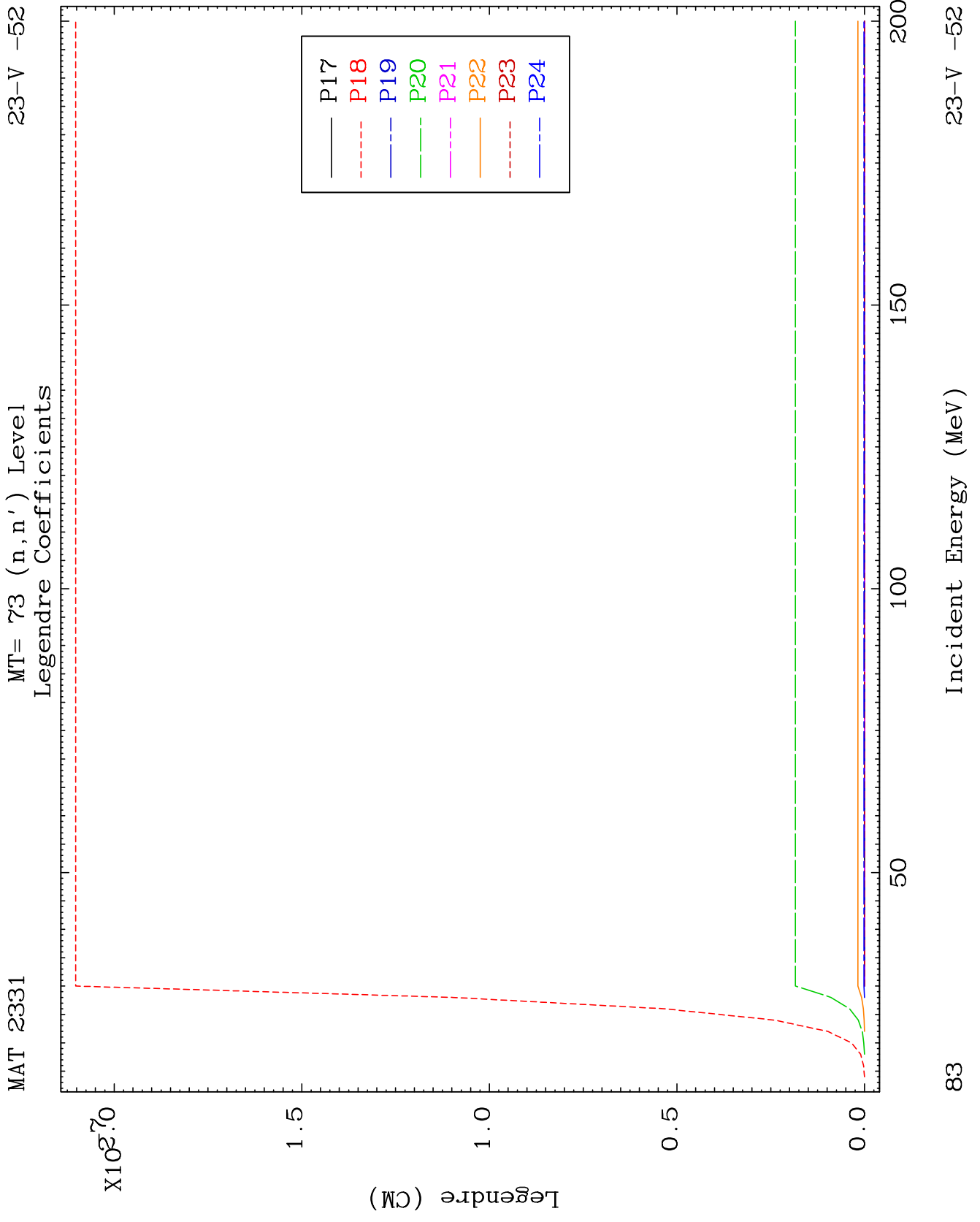
23-V -52



82

Incident Energy (MeV)

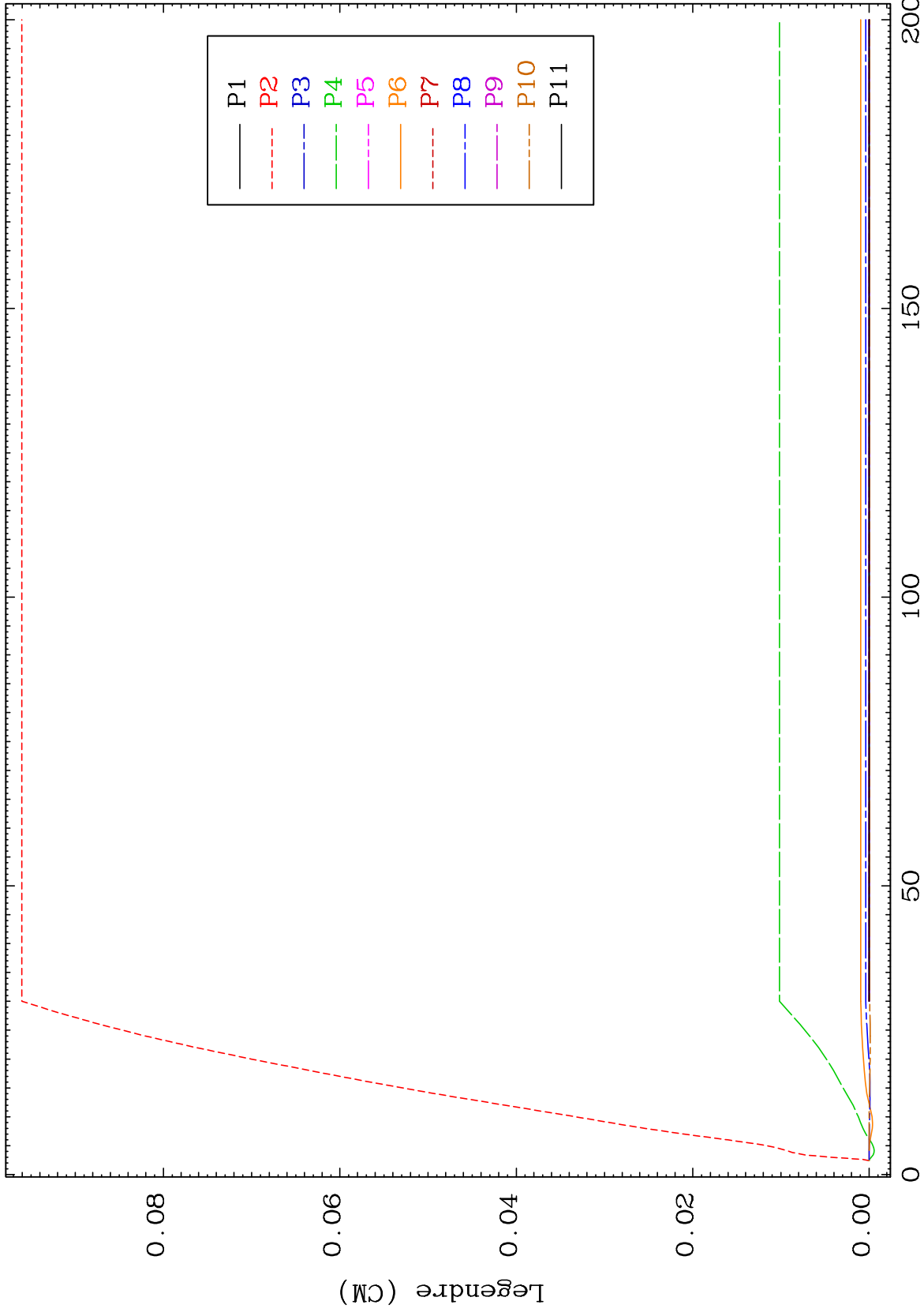
23-V -52



MAT 2331

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

23-V -52



84

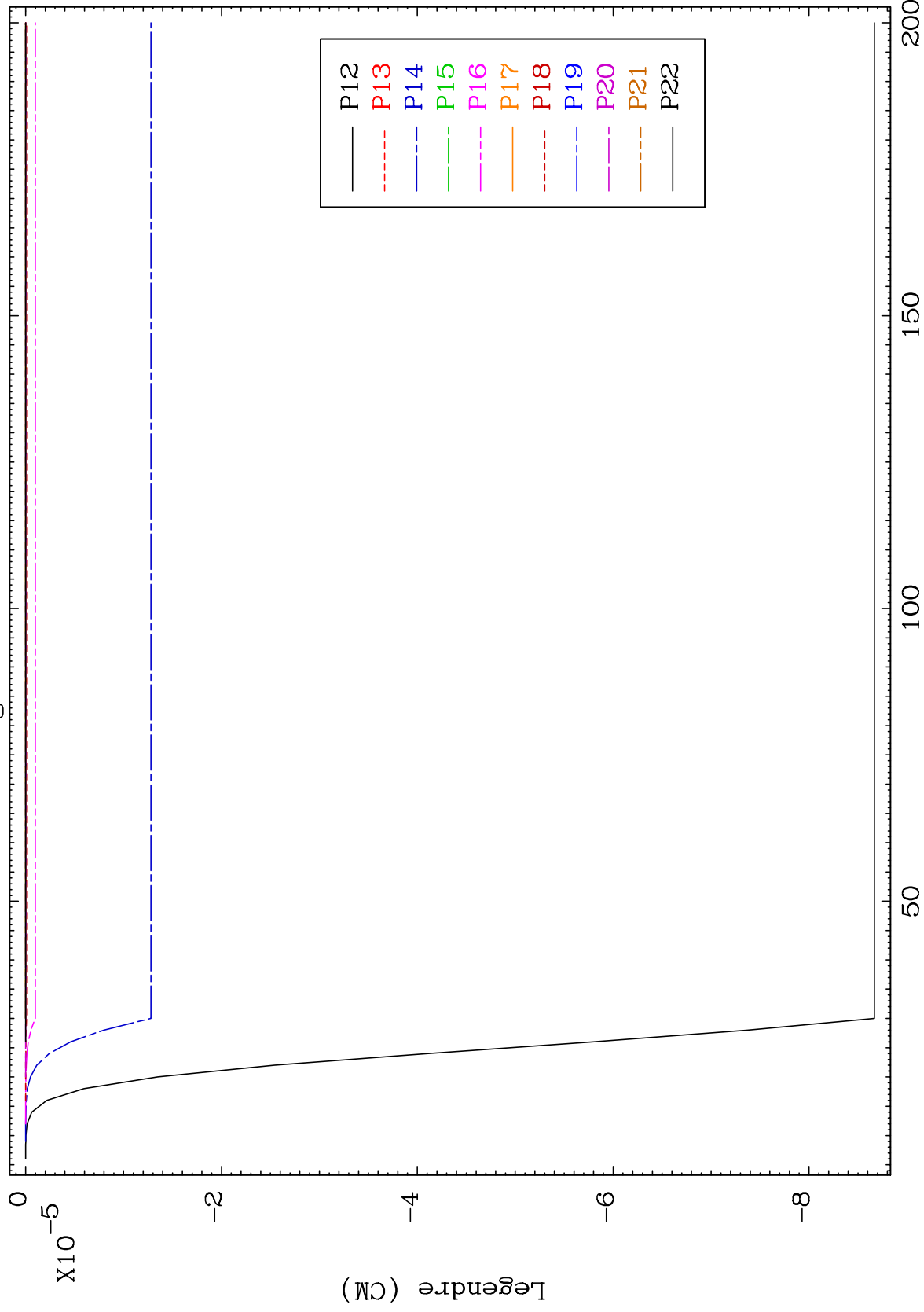
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



85

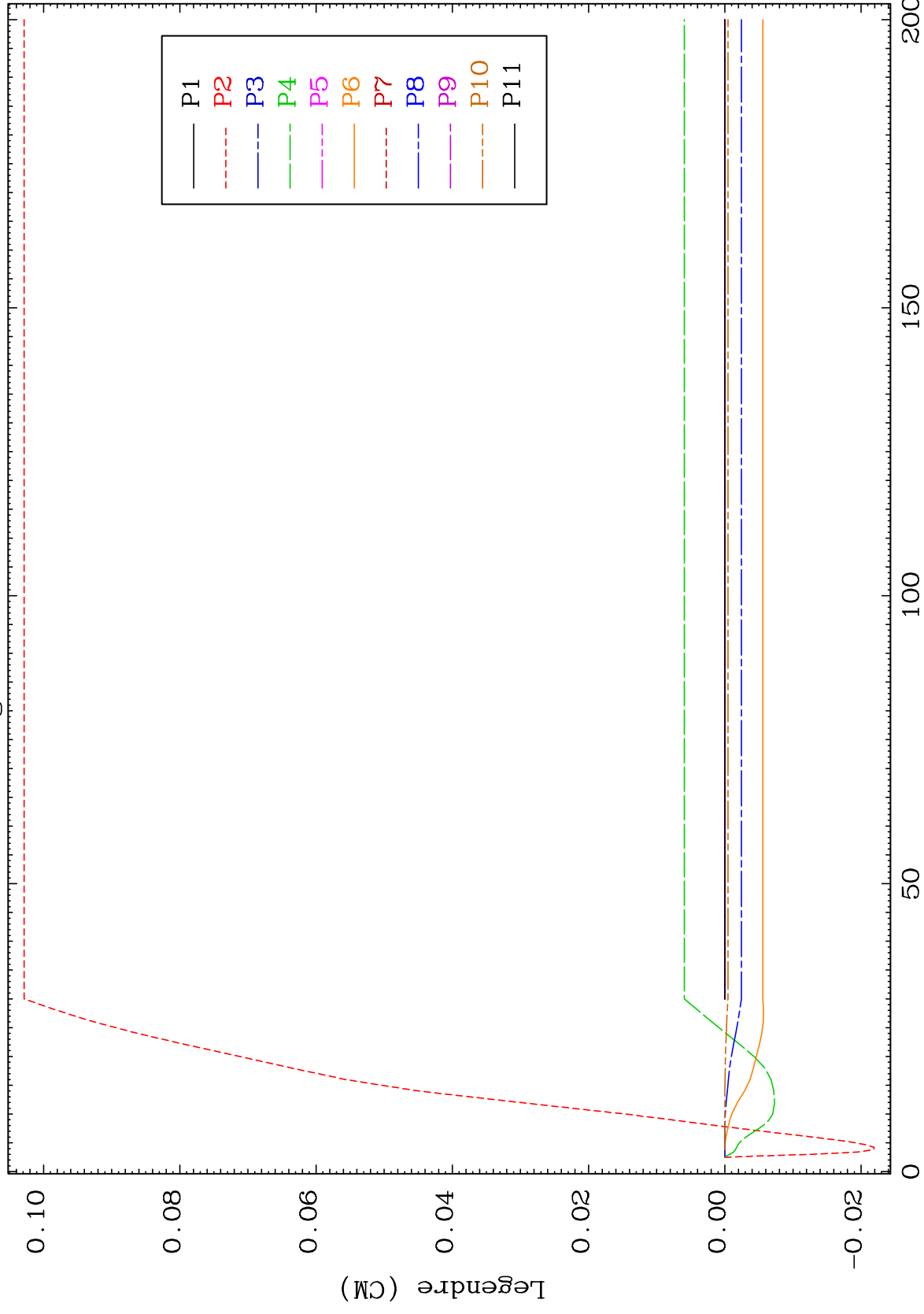
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



86

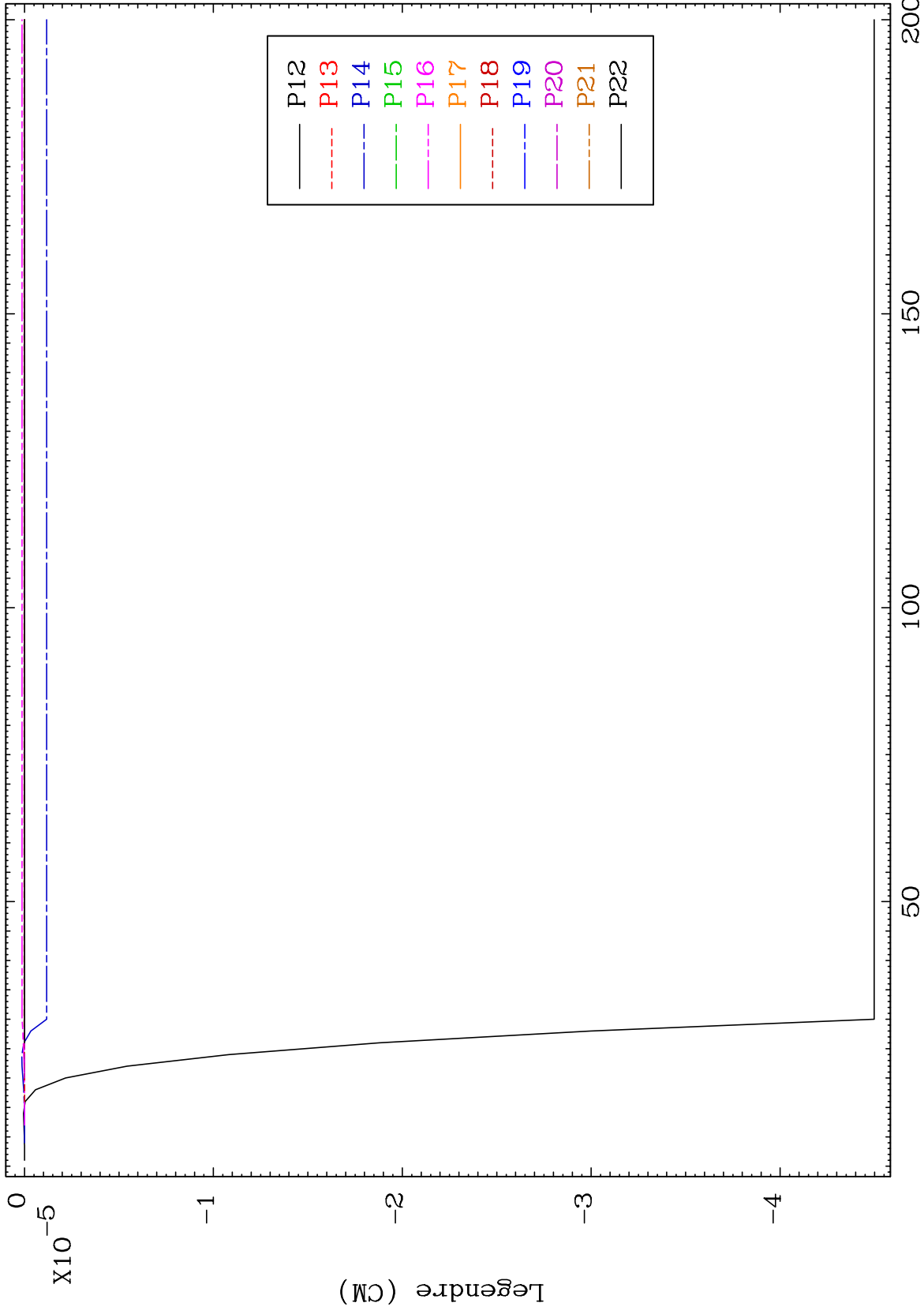
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



87

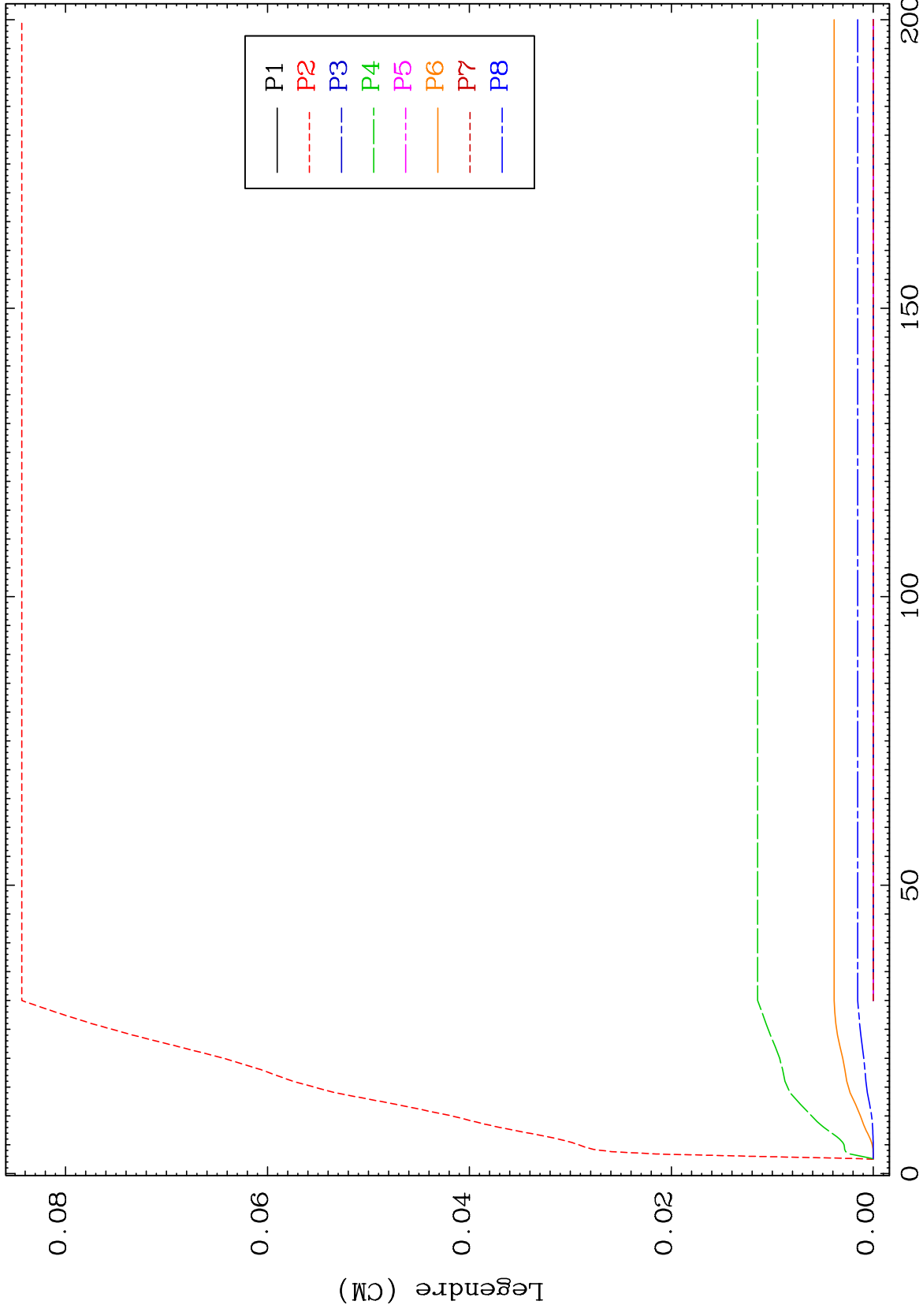
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



88

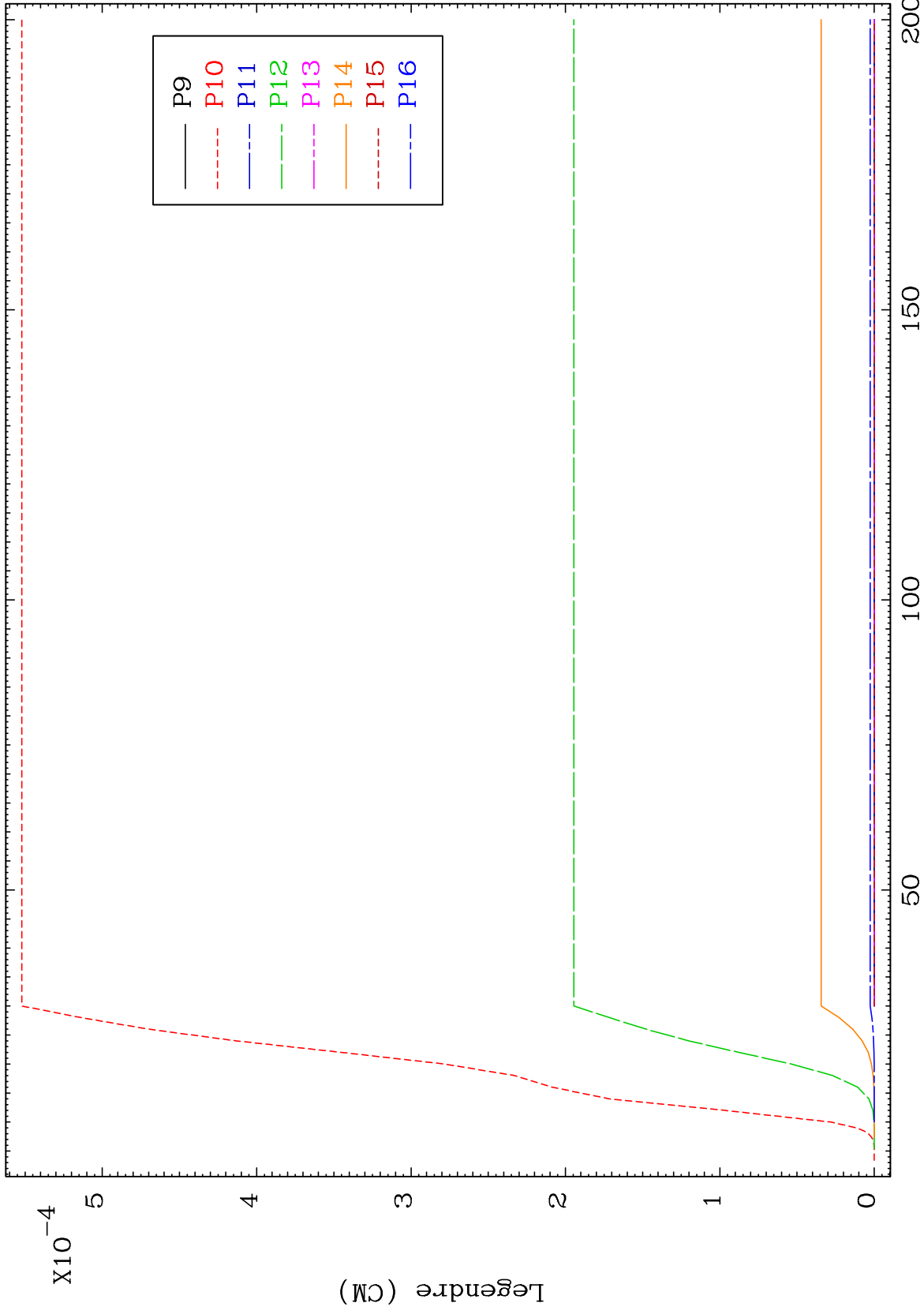
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



89

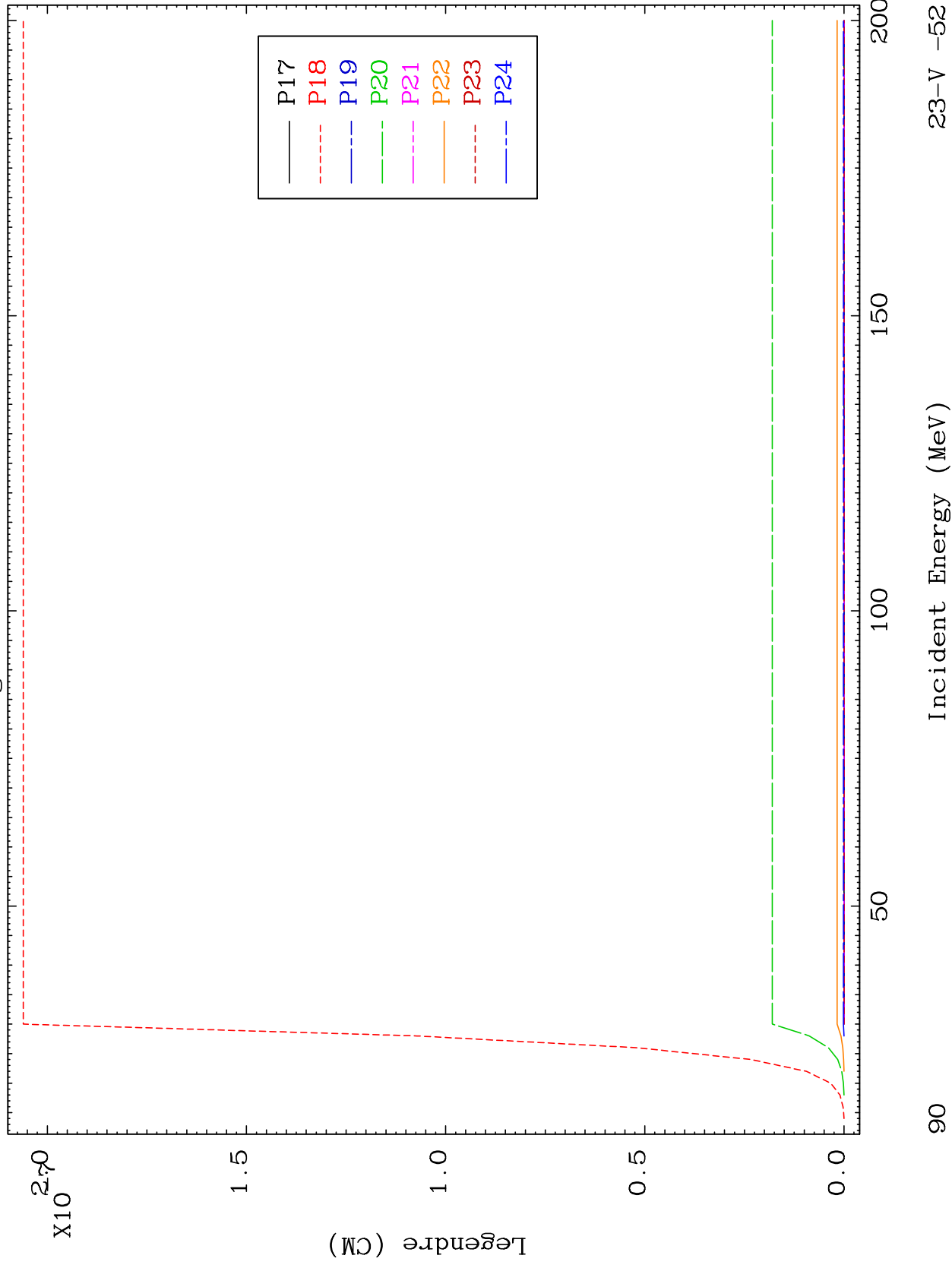
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52

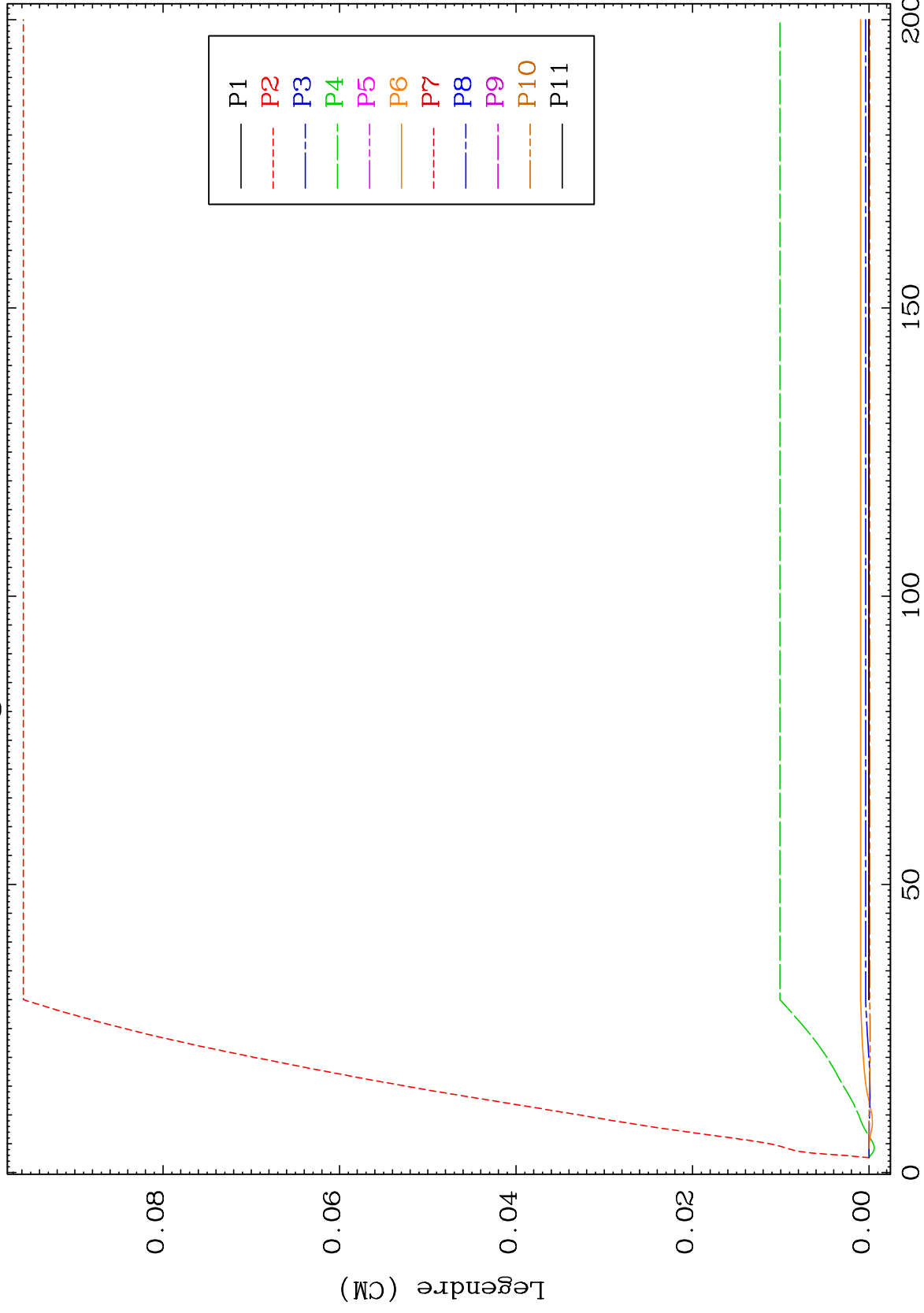


23-V -52

MAT 2331

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

23-V -52



91

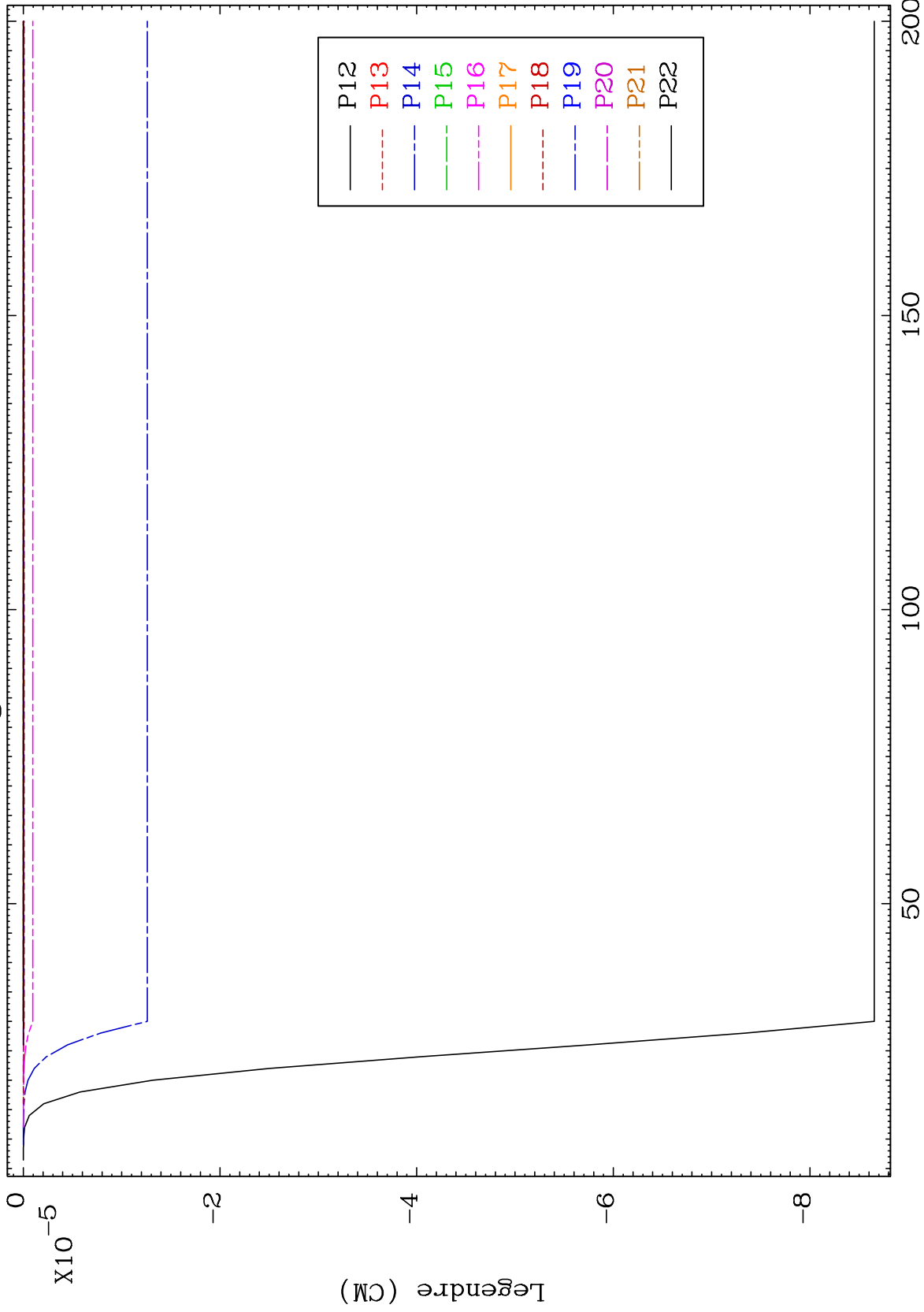
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



92

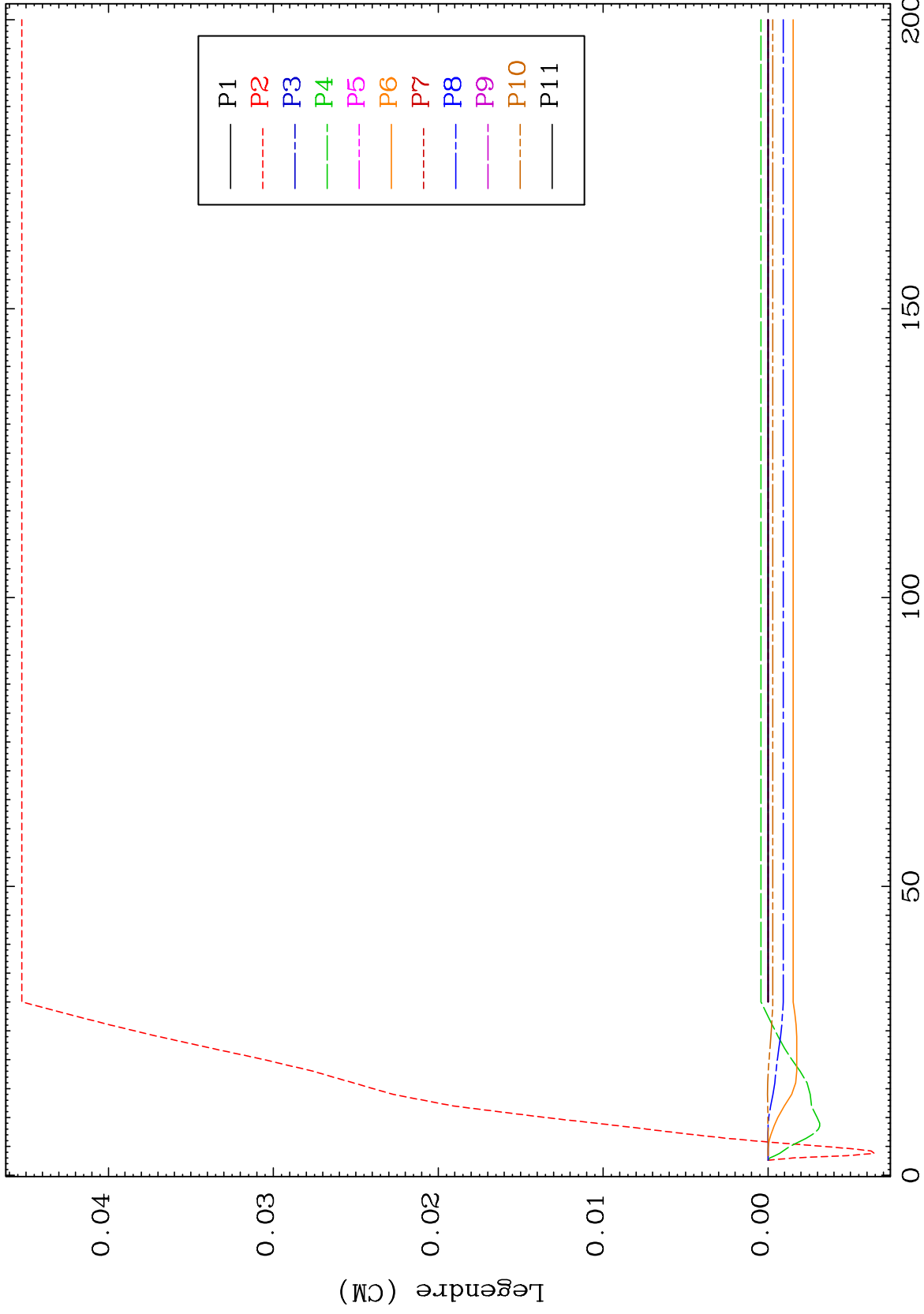
Incident Energy (MeV)

23-V -52

MAT 2331

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

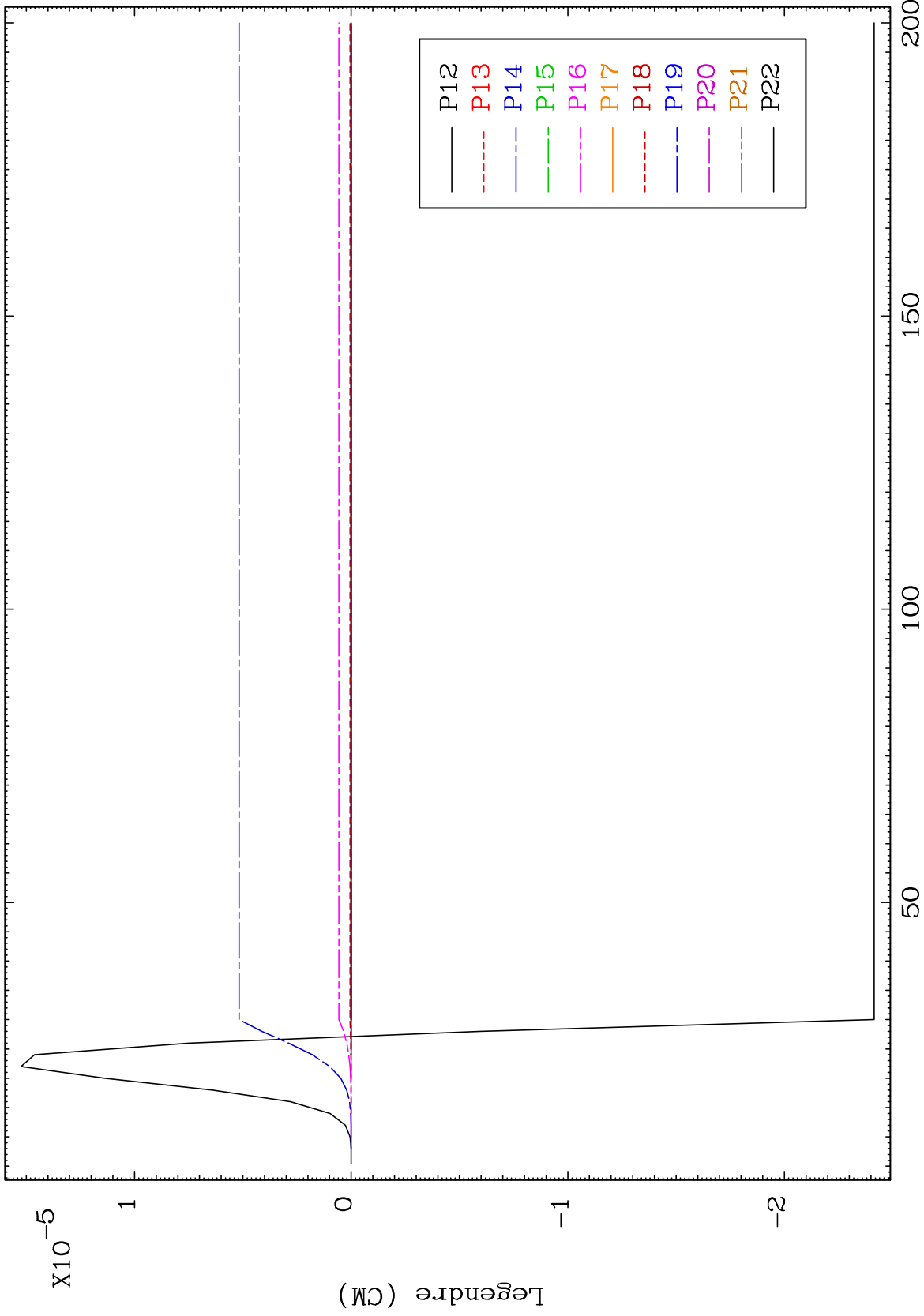
23-V -52

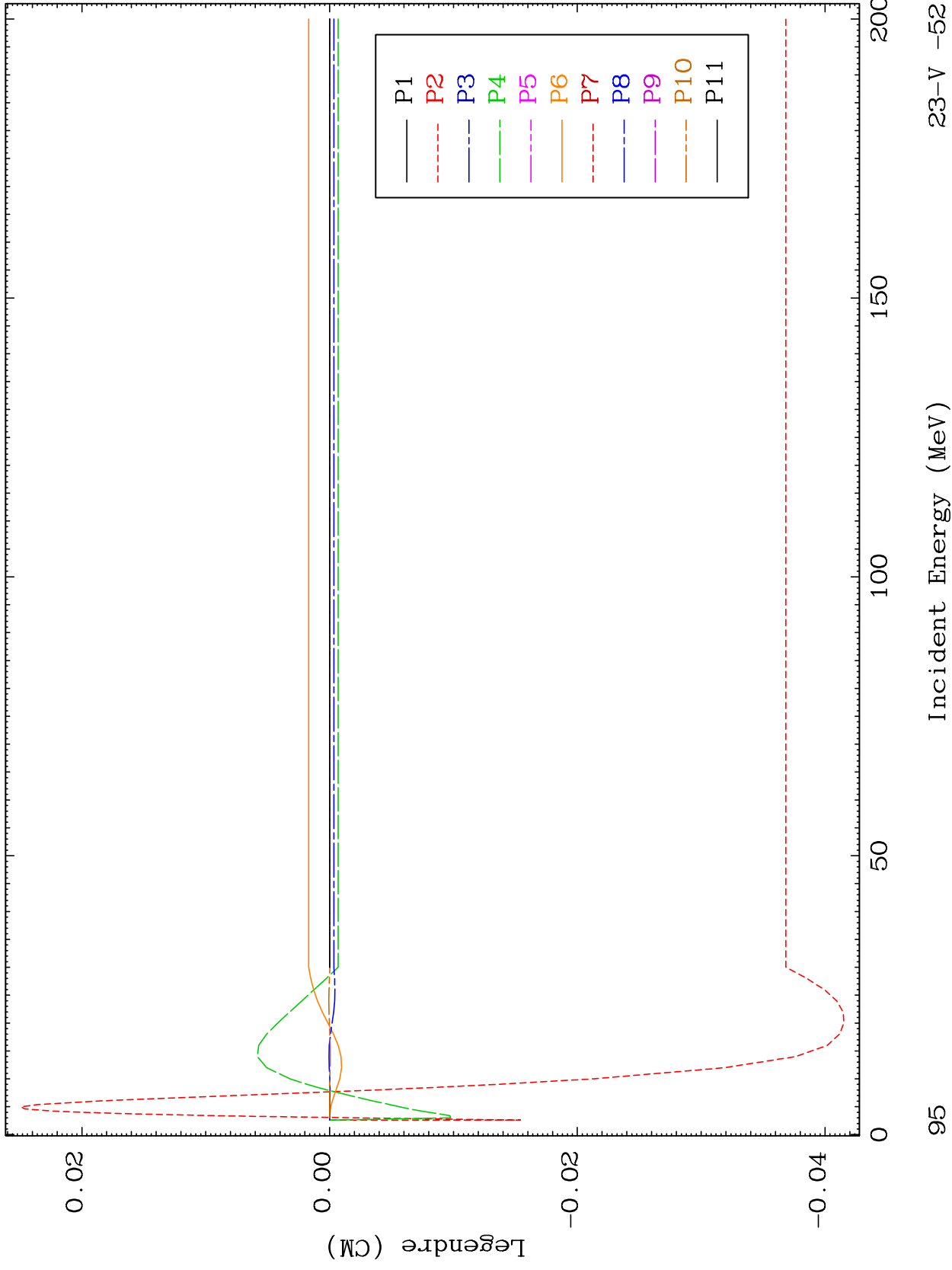


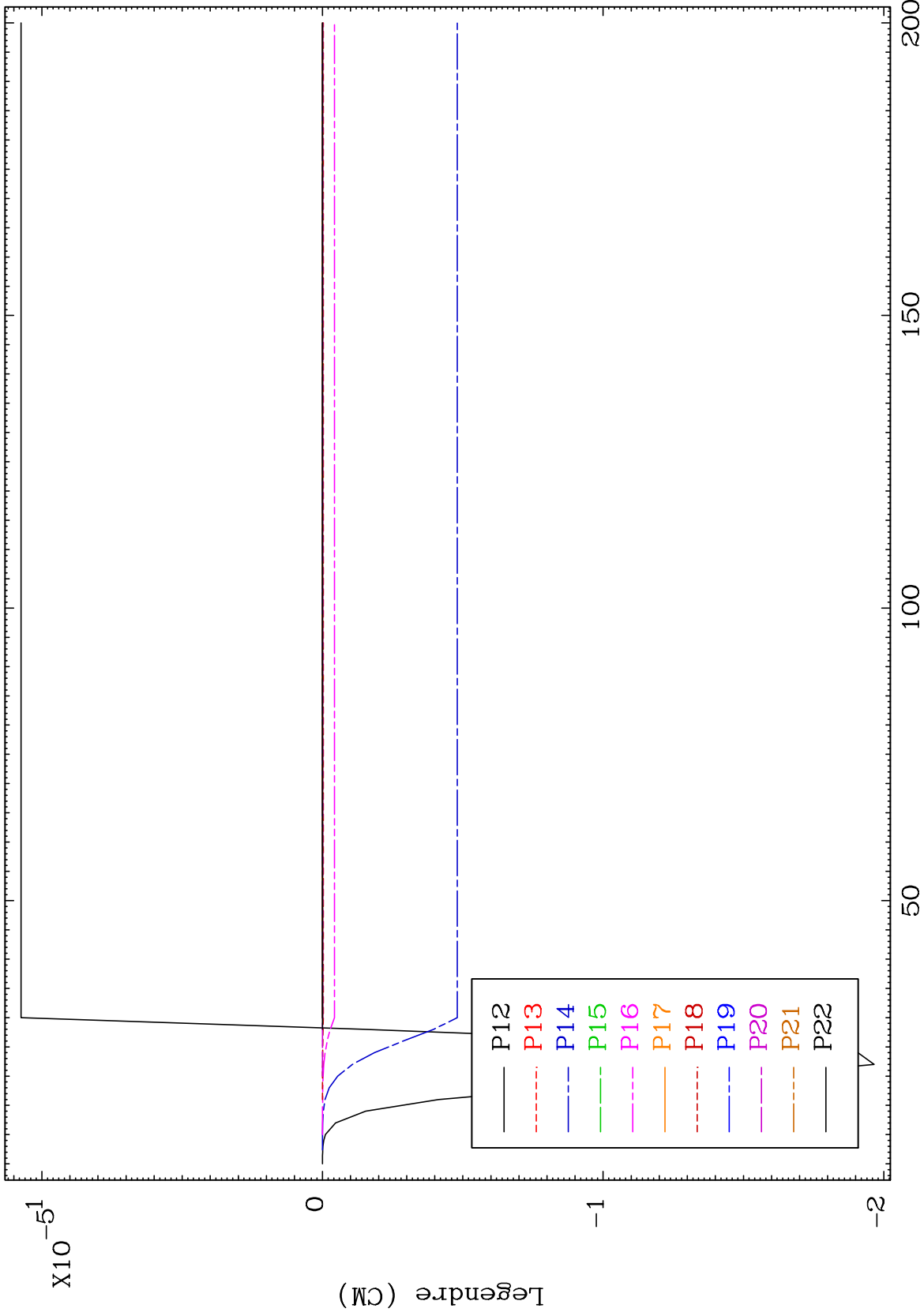
93

Incident Energy (MeV)

23-V -52



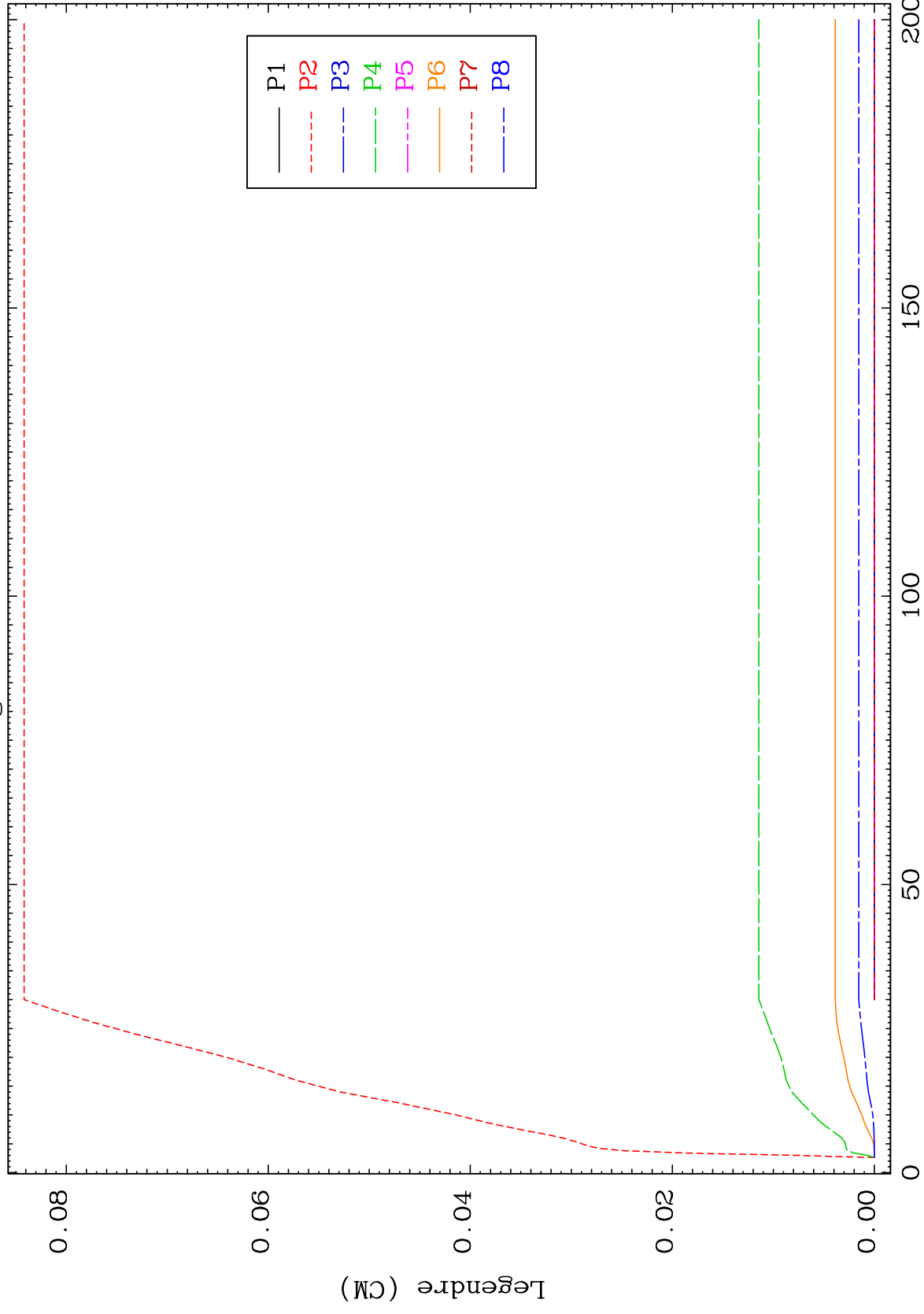




MAT 2331

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

23-V -52



97

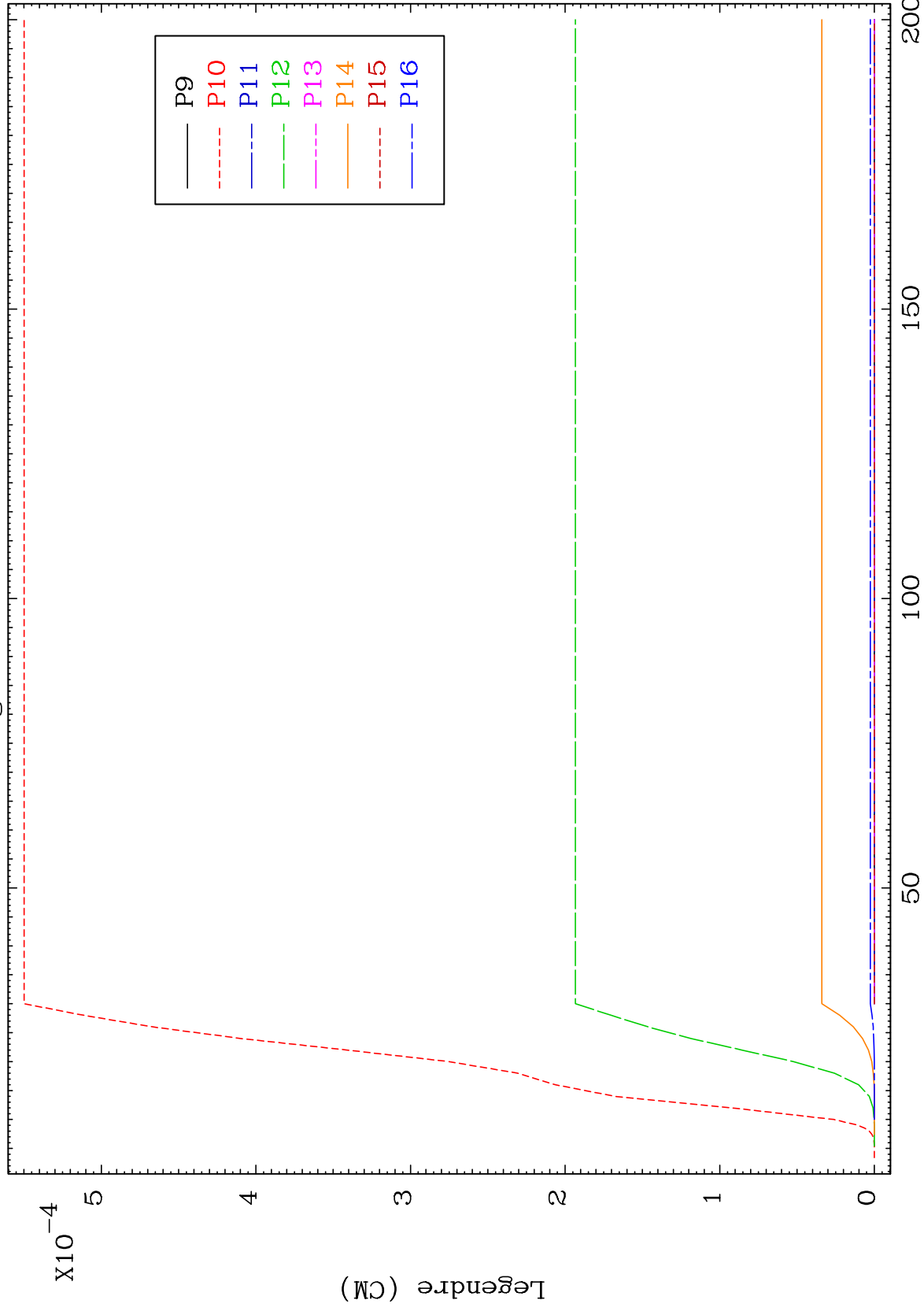
Incident Energy (MeV)

23-V -52

MAT 2331

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

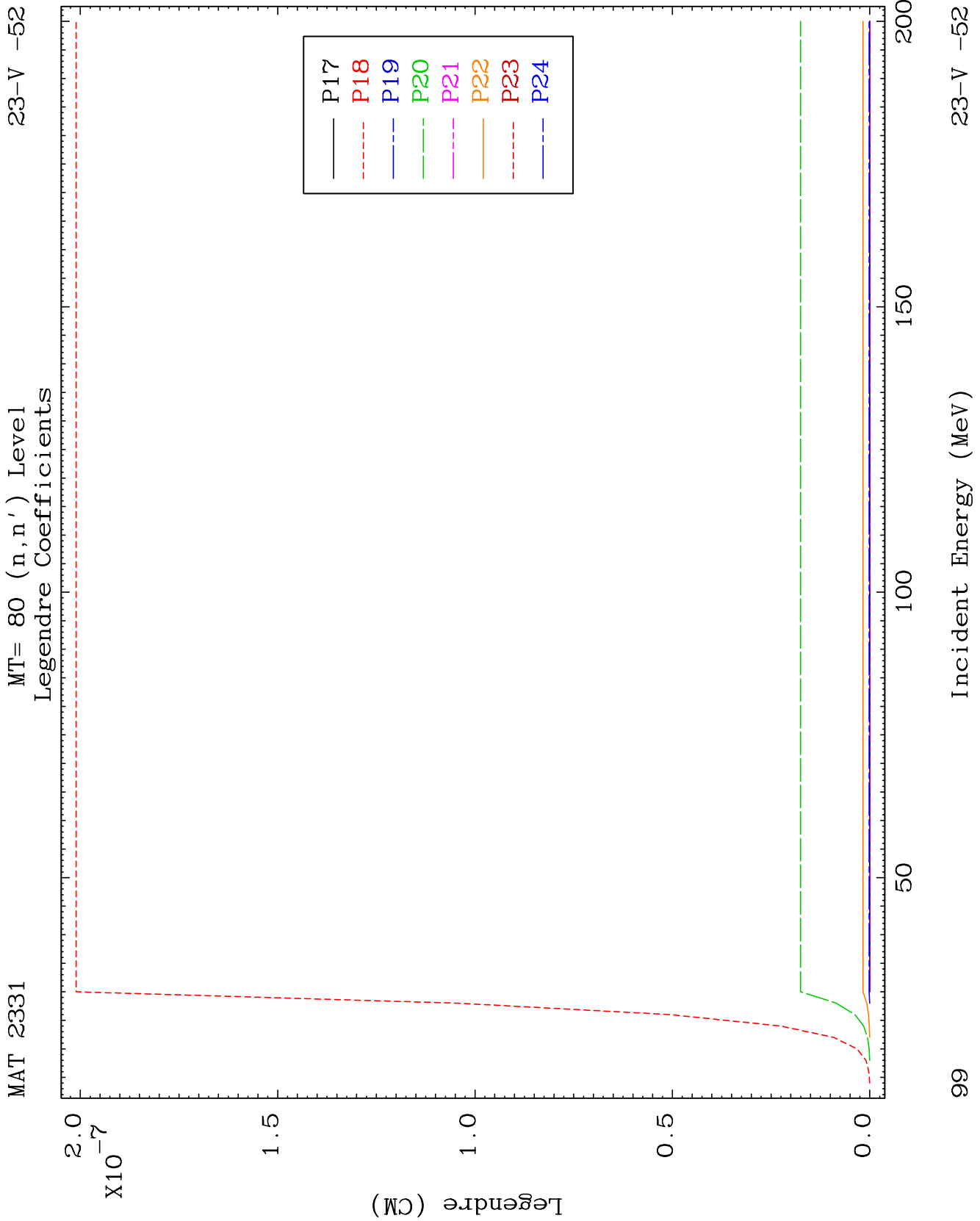
23-V -52



98

Incident Energy (MeV)

23-V -52

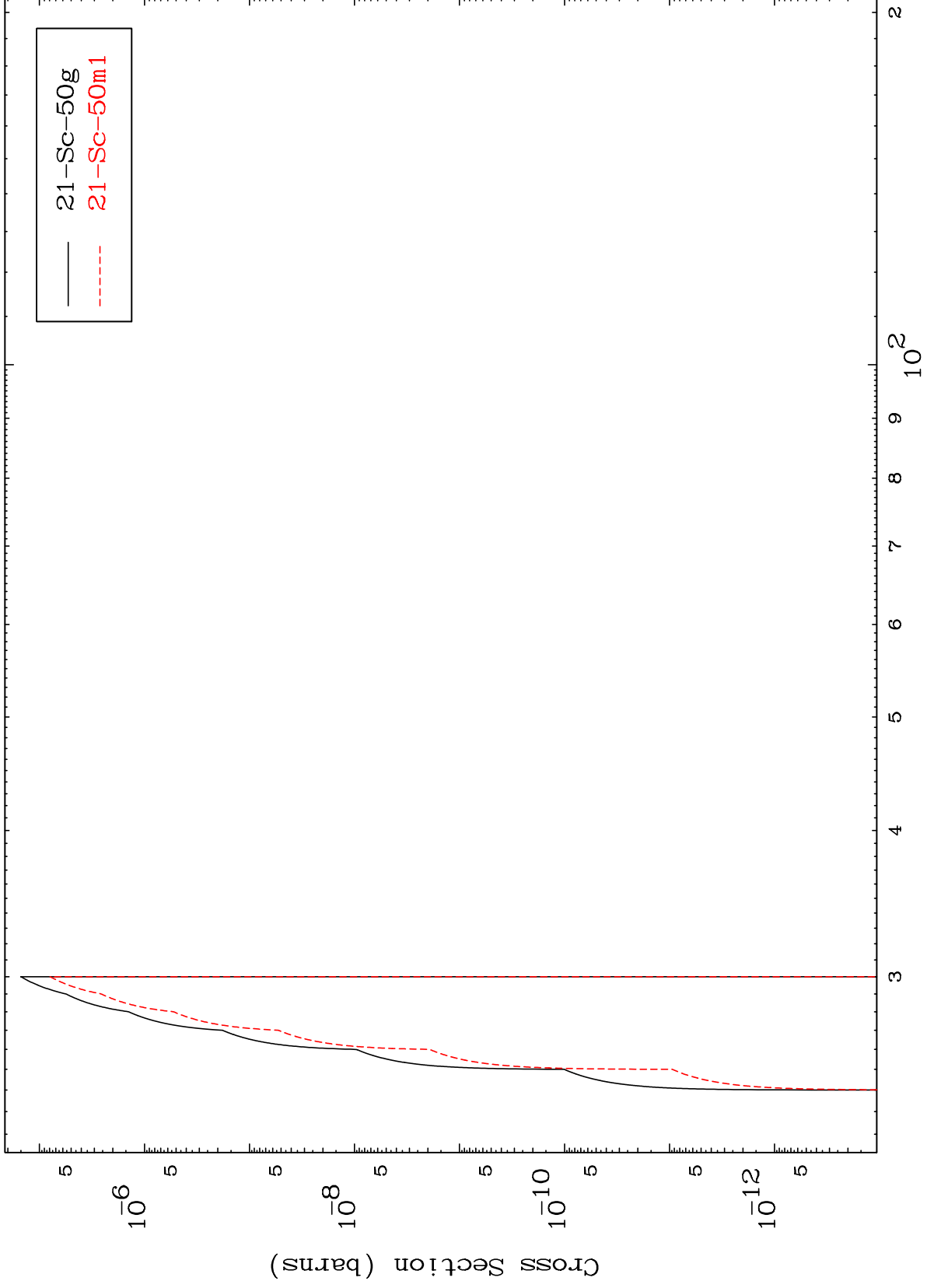


MAT 2331

(n,2n) p

23-V -52

Radionuclide Production Cross Section



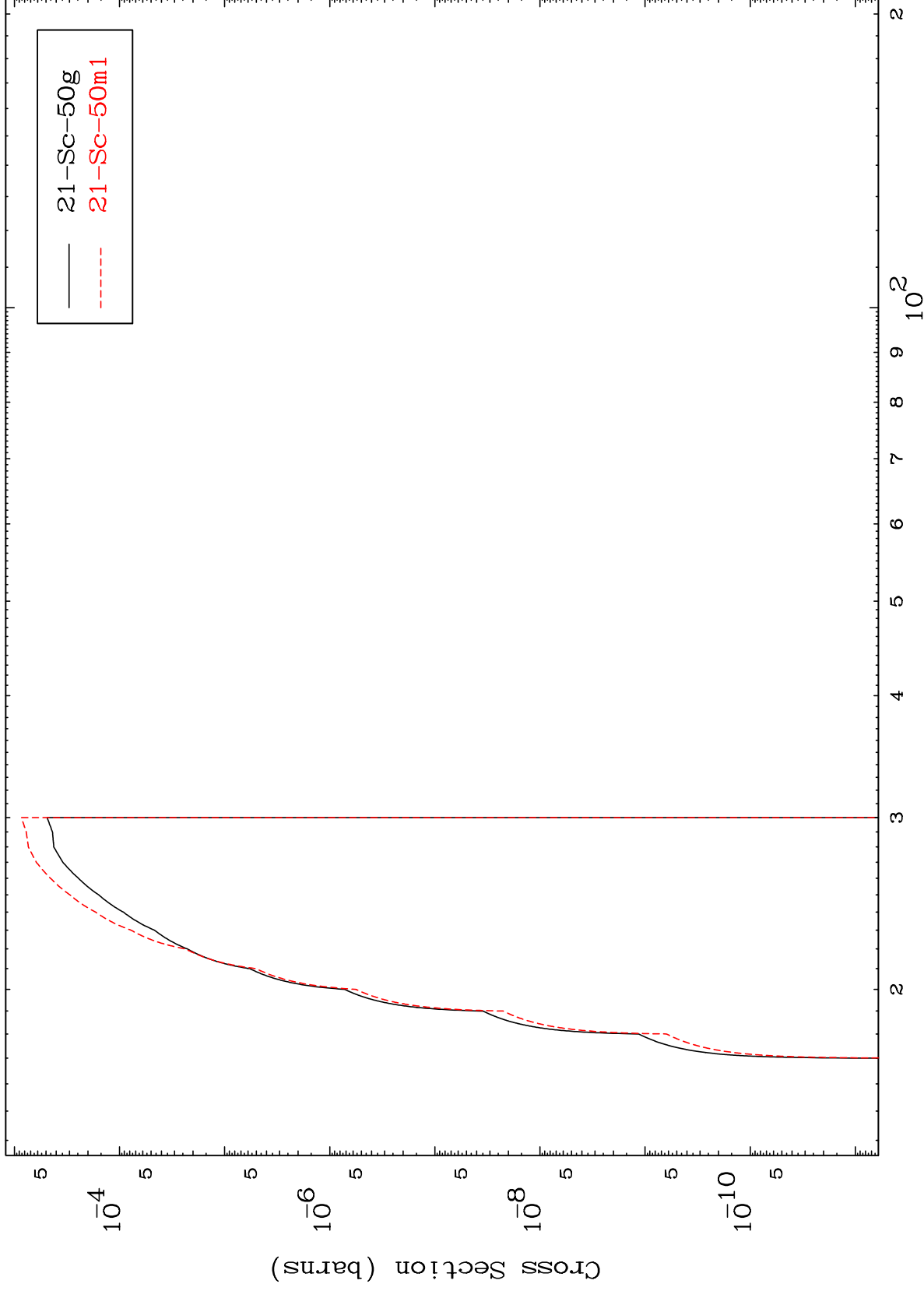
100

Incident Energy (MeV)

10^2

23-V -52

Radionuclide Production Cross Section



Radionuclide Production Cross Section

