

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

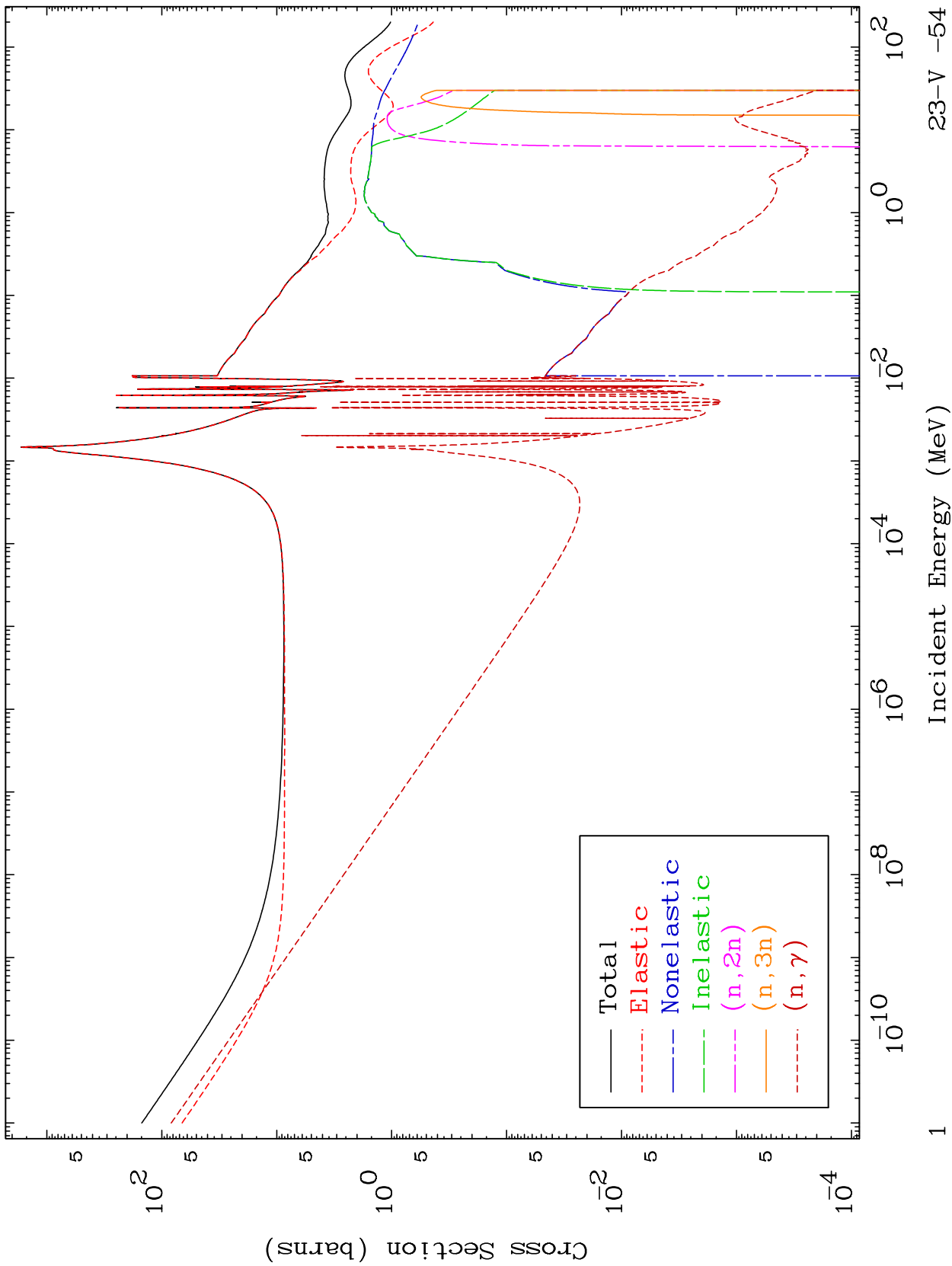
Web:redcullen1.net/HOMEPAGE.NEW

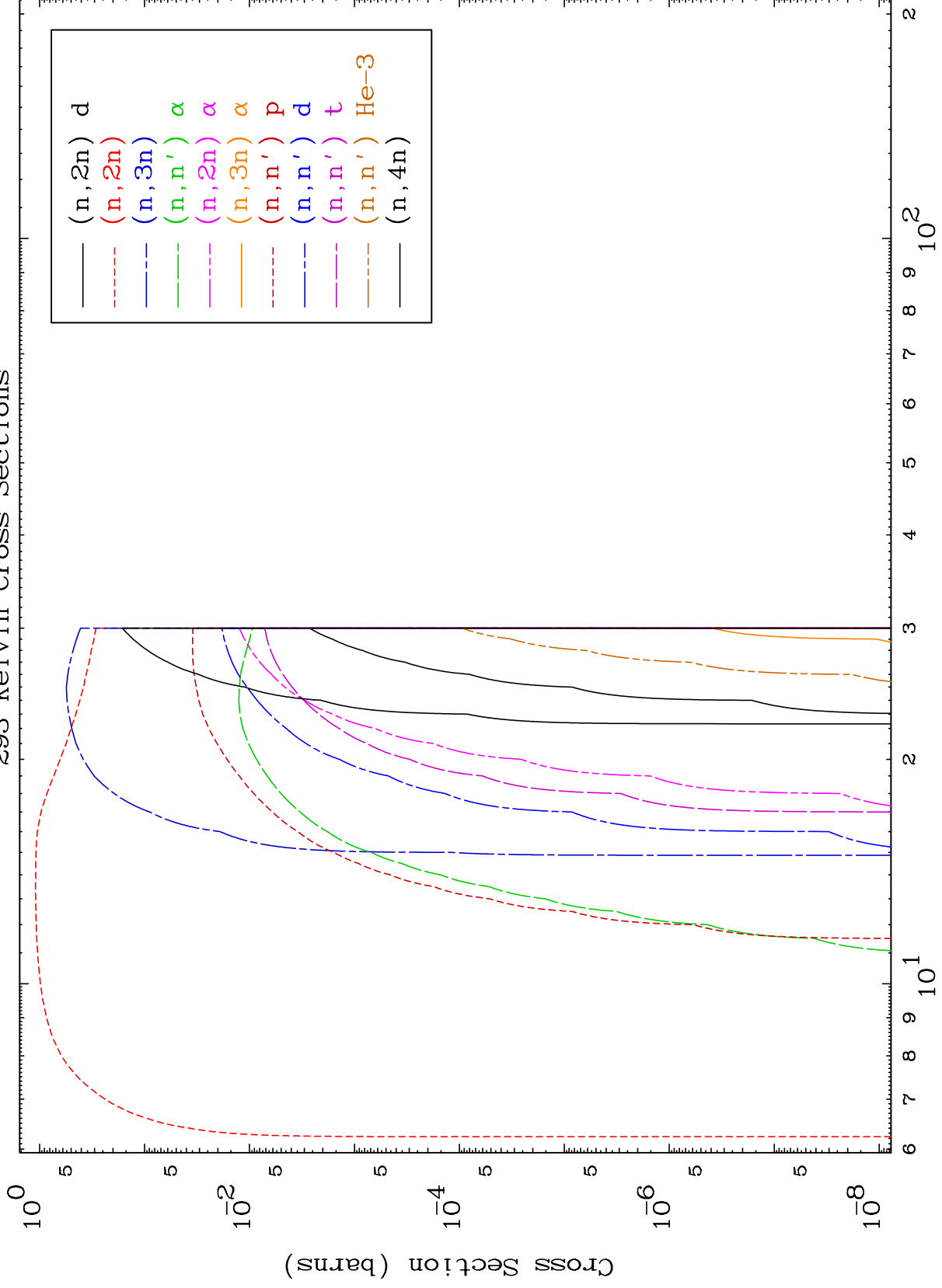
Press Mouse Button to Start

MAT 2337

Neutron Major
293 Kelvin Cross Sections

23-V -54

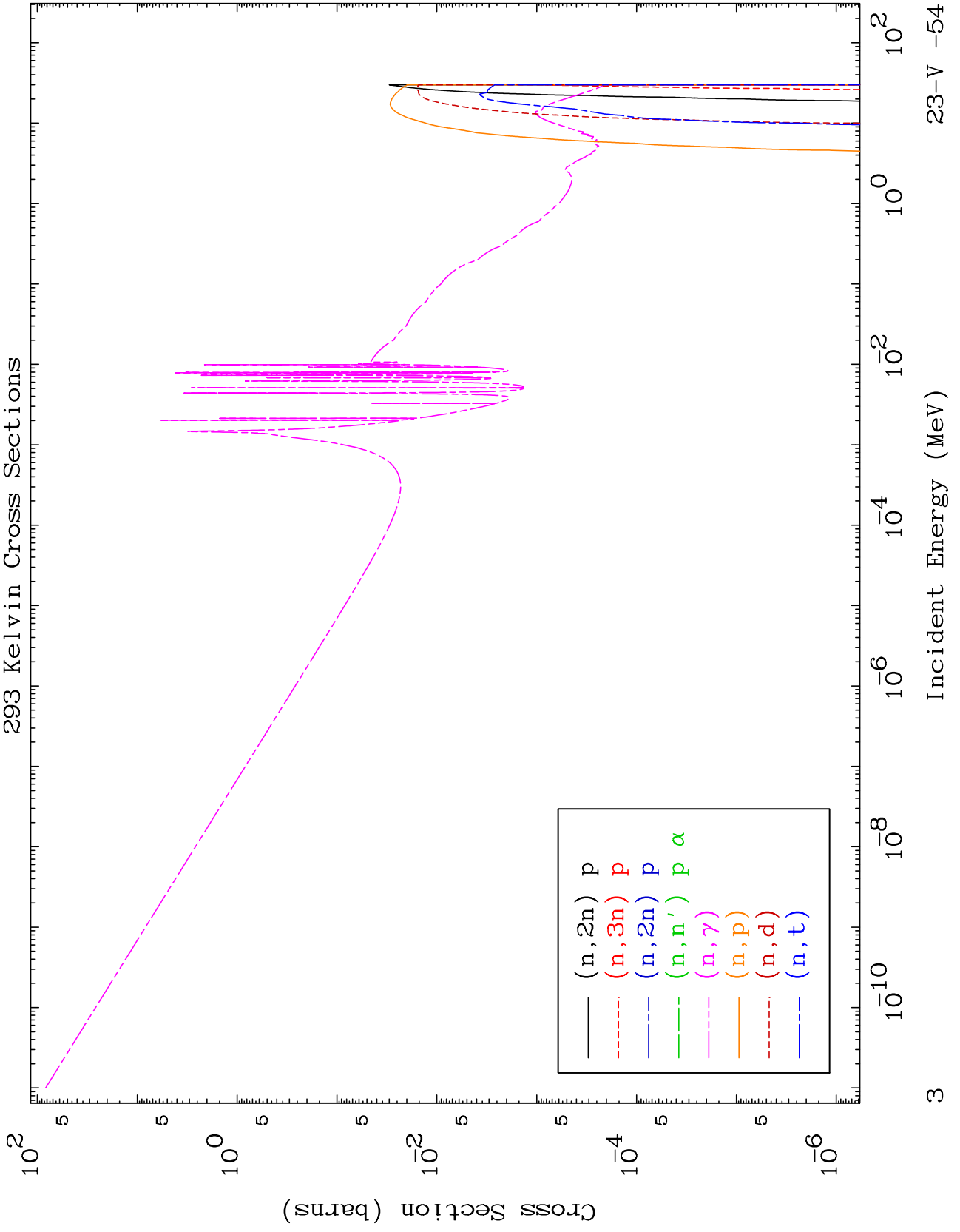


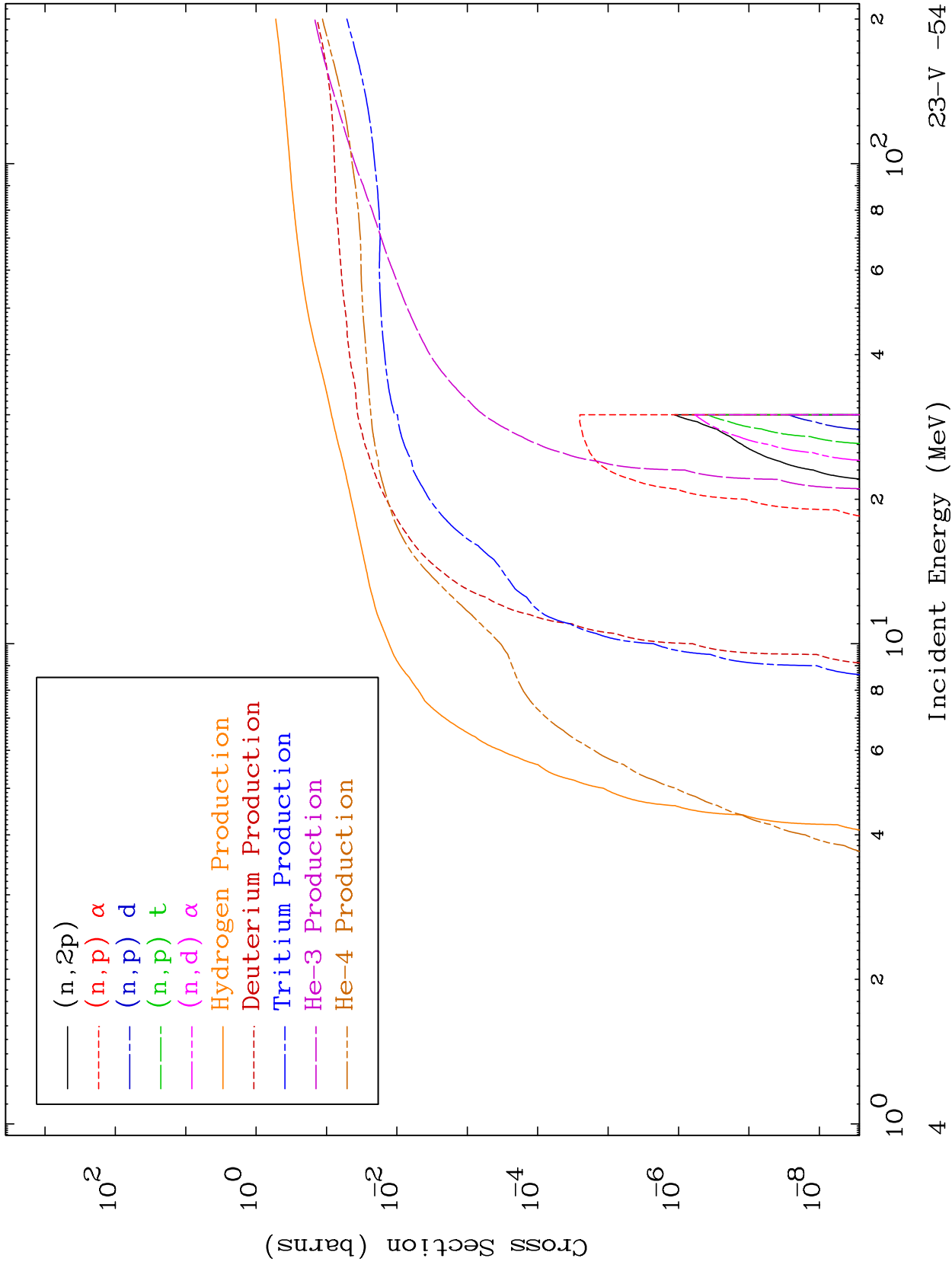


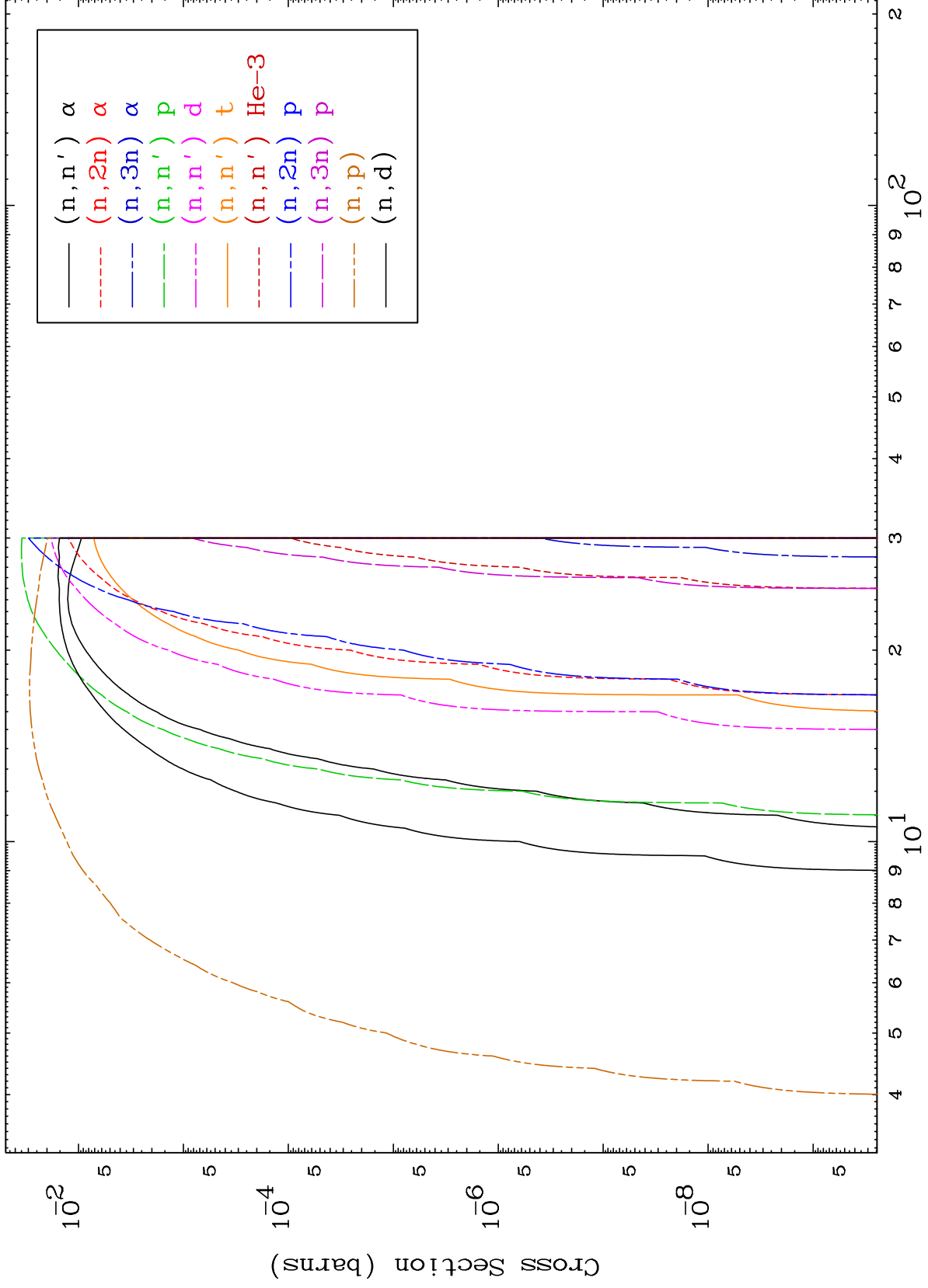
MAT 2337

Neutron Absorption
293 Kelvin Cross Sections

23-V -54



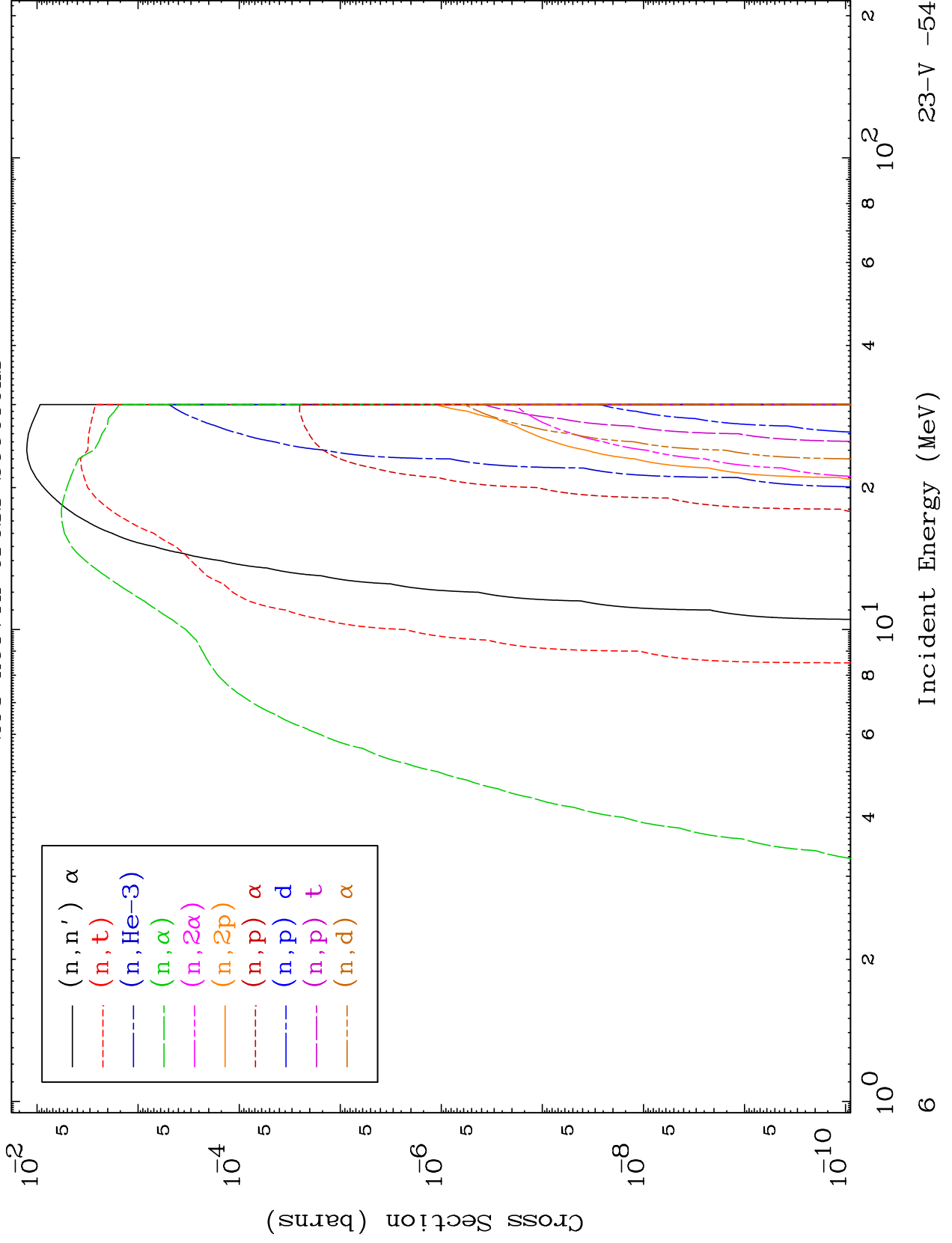




MAT 2337

Charged Particle
293 Kelvin Cross Sections

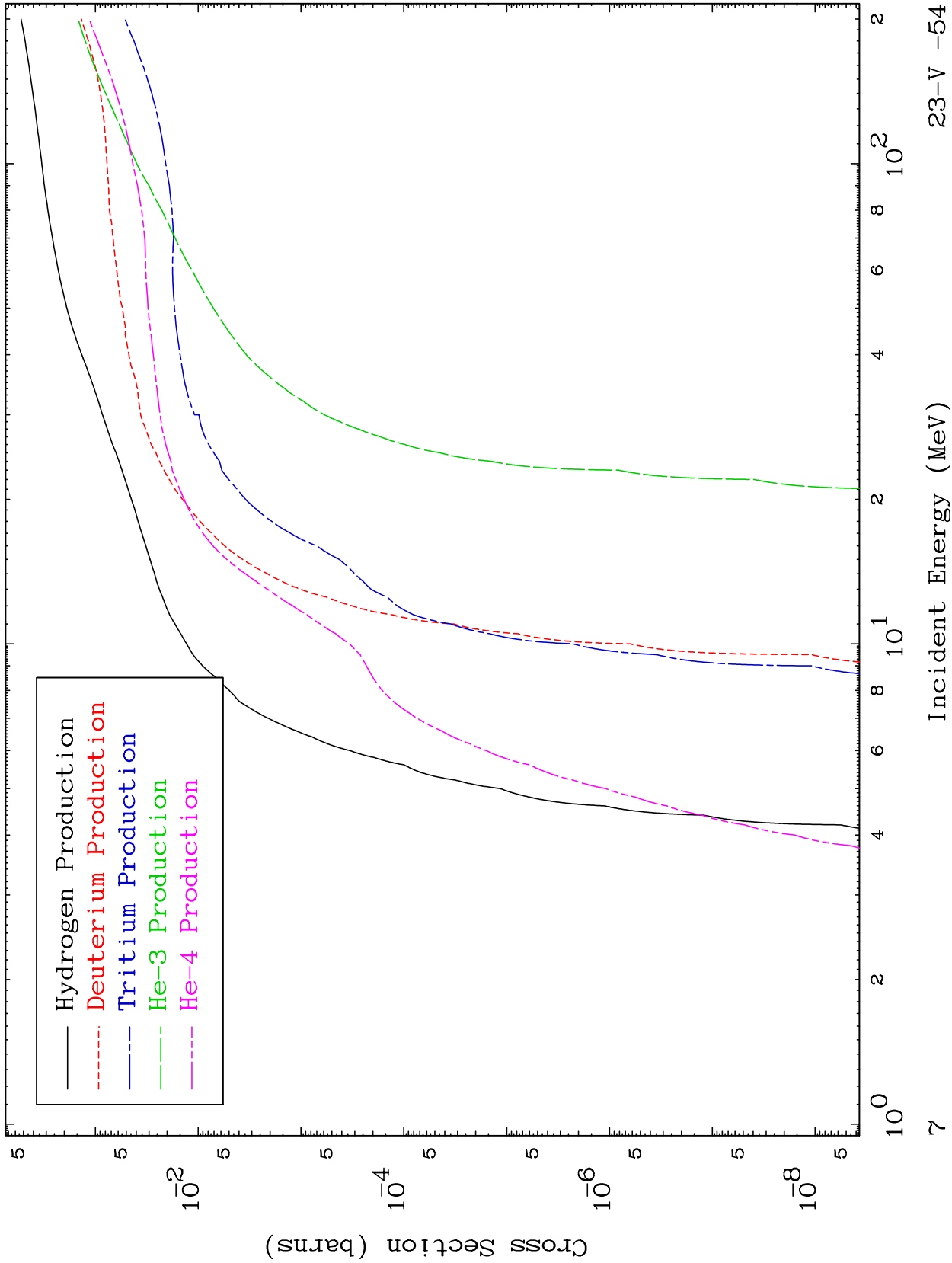
23-V -54



MAT 2337

Particle Production
293 Kelvin Cross Sections

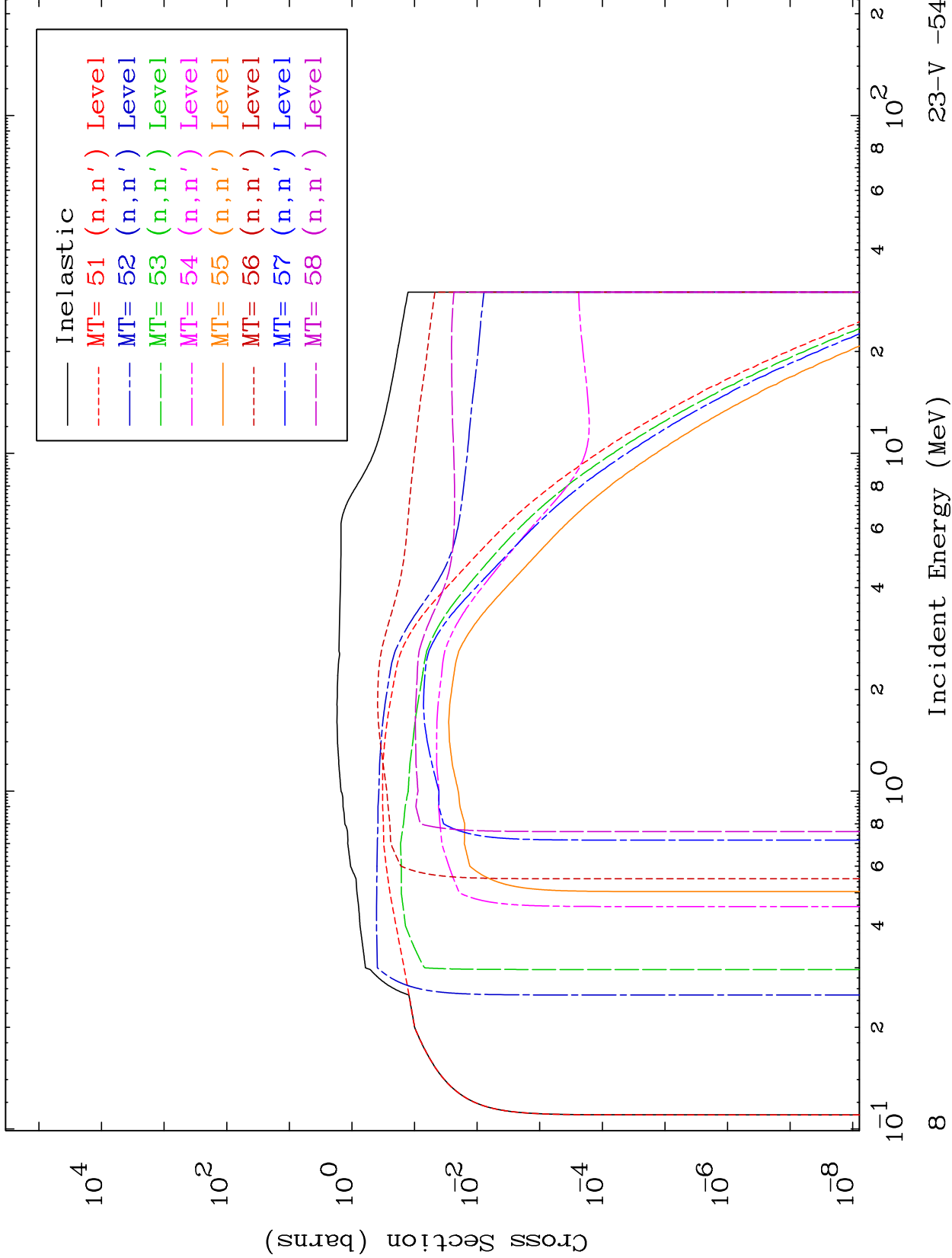
23-V -54

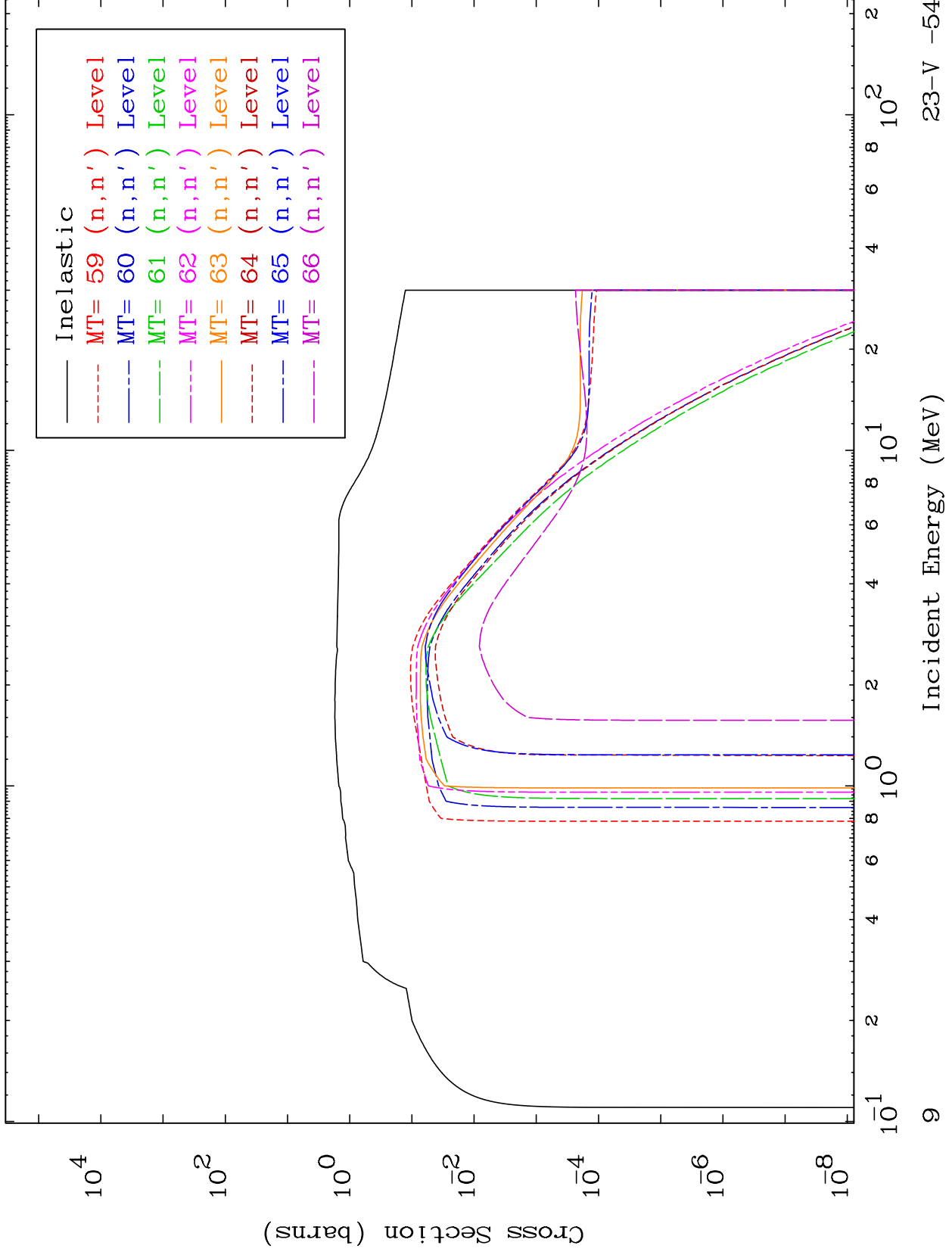


23-V -54

Incident Energy (MeV)

7



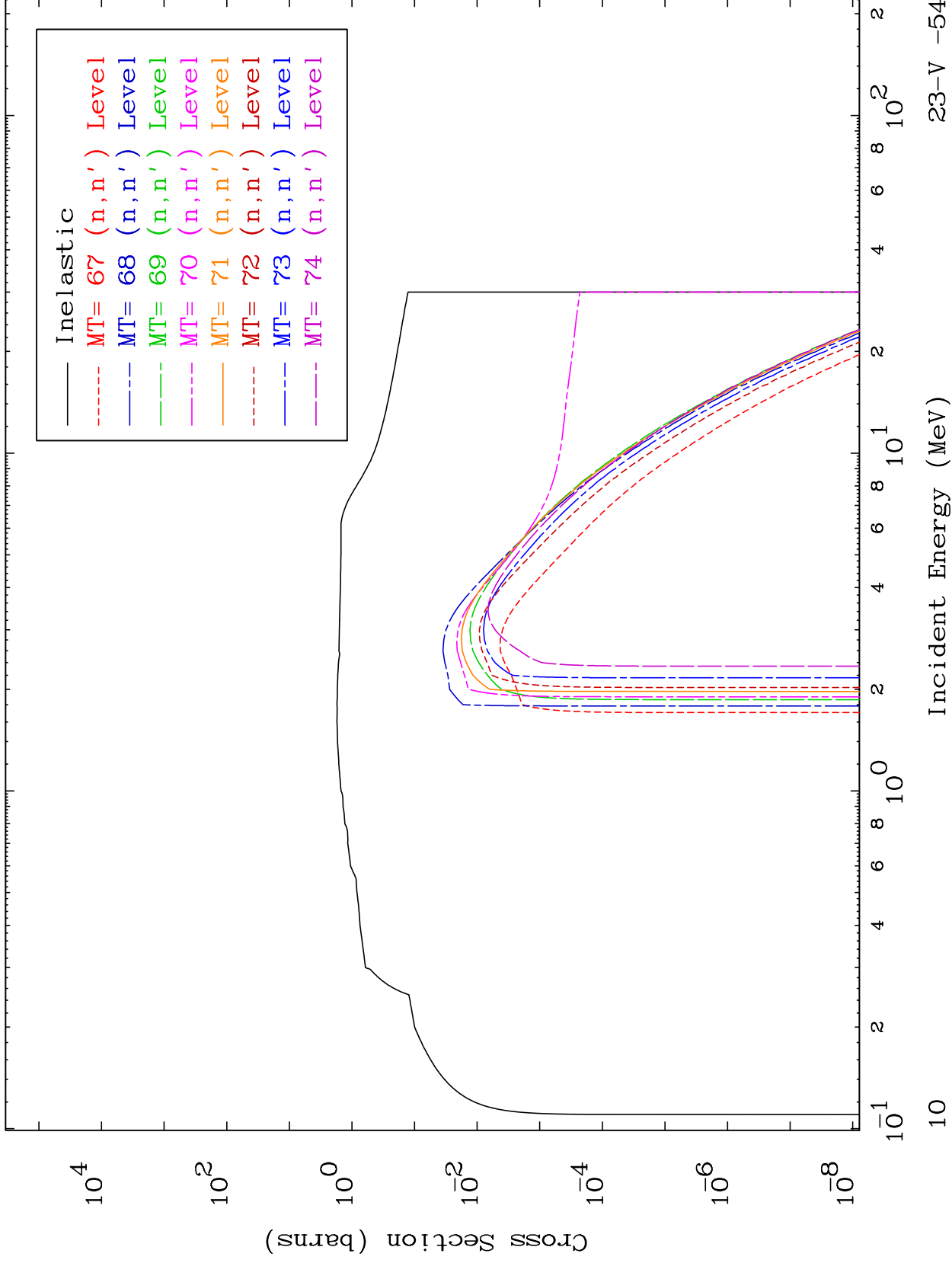


MAT 2337

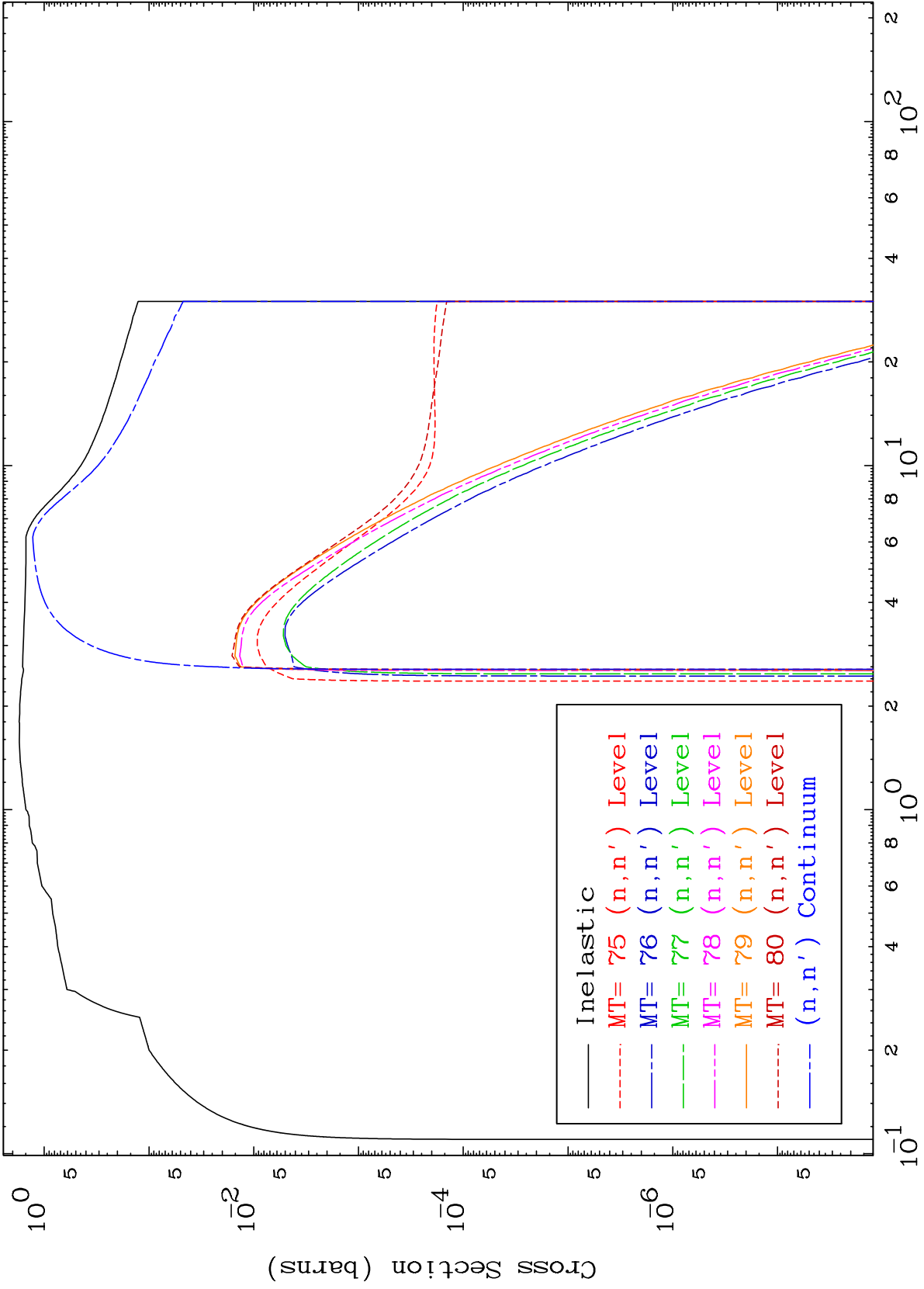
(n,n') Levels

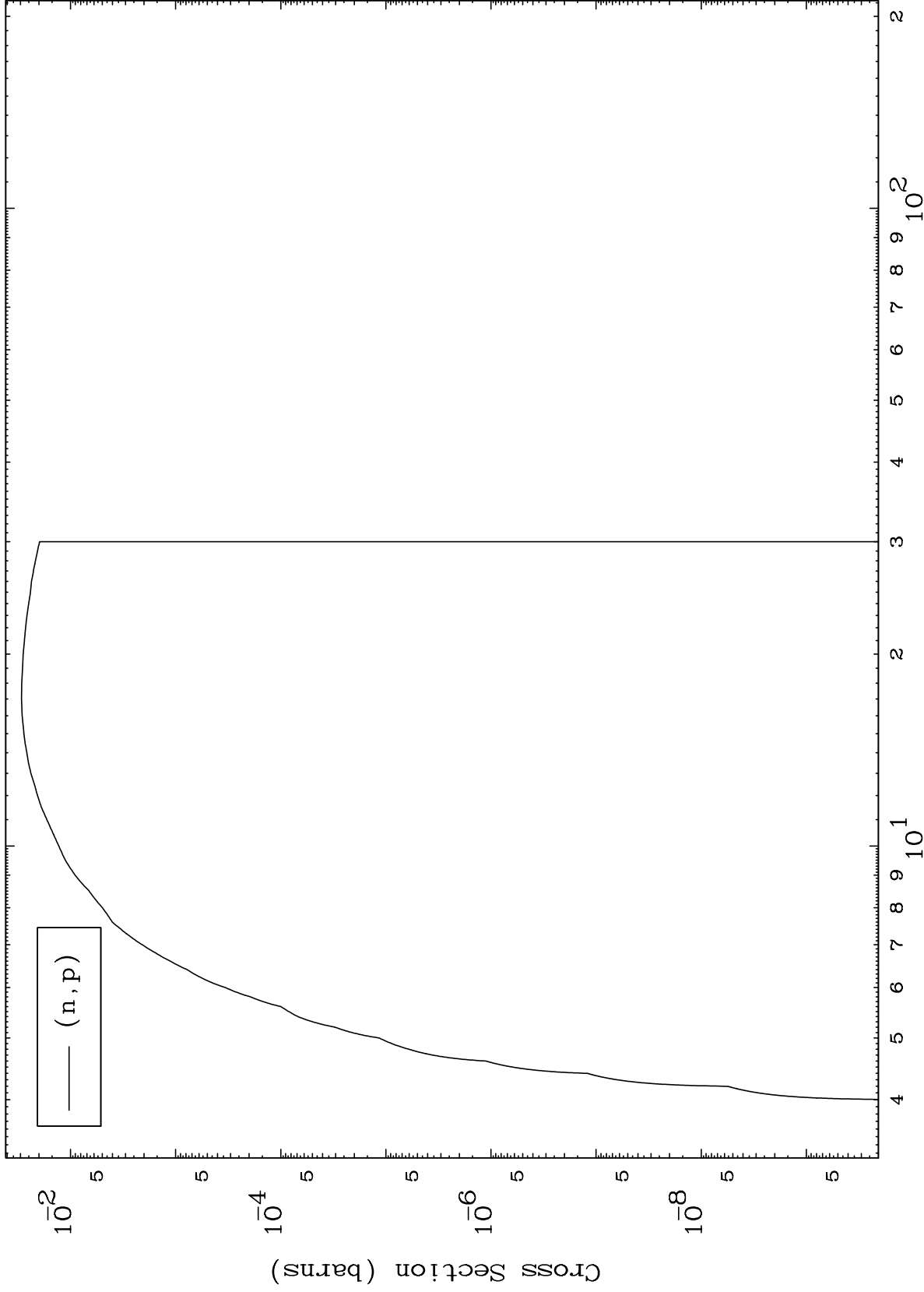
23-V -54

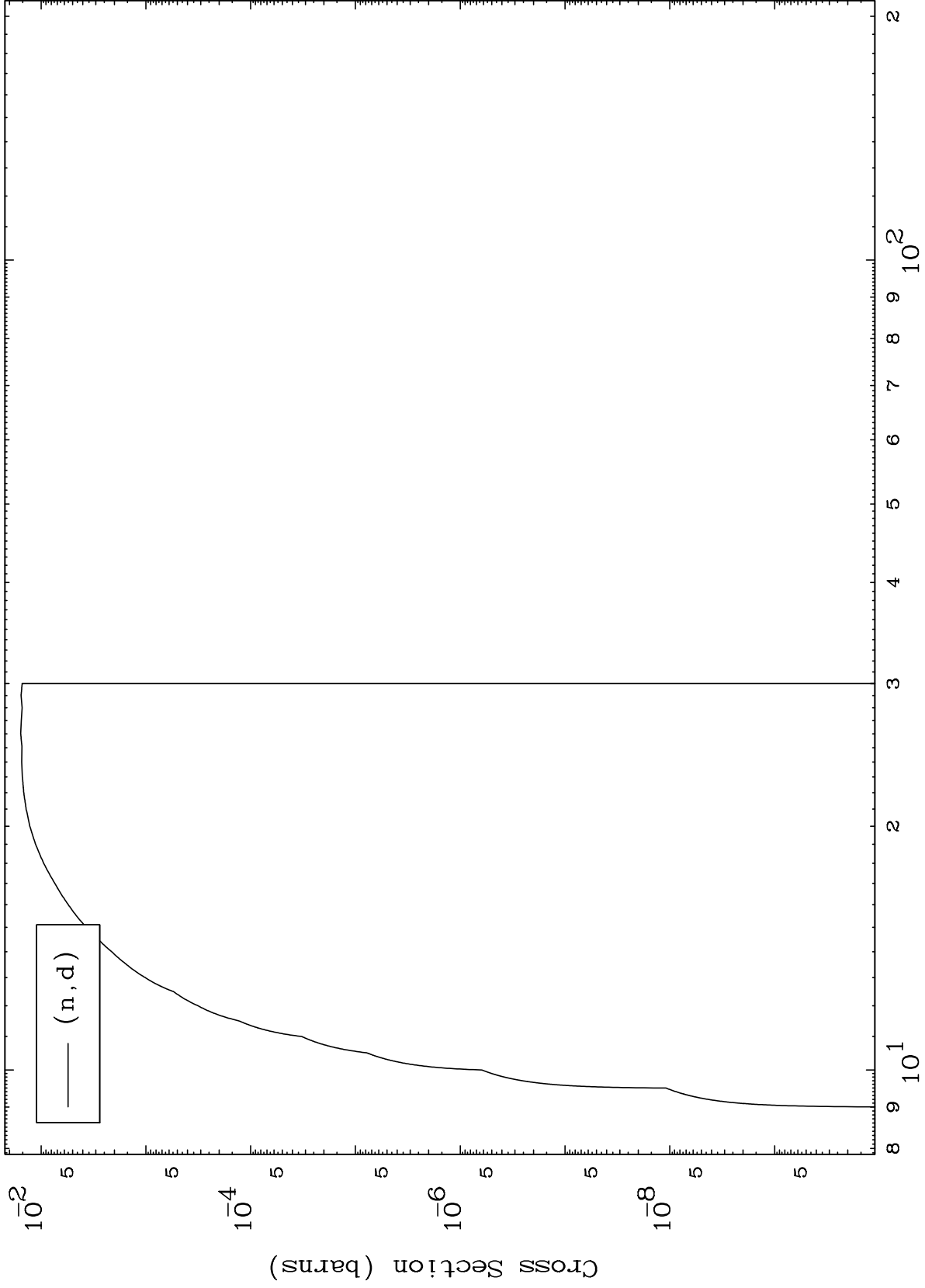
293 Kelvin Cross Sections



(n,n') Levels
293 Kelvin Cross Sections



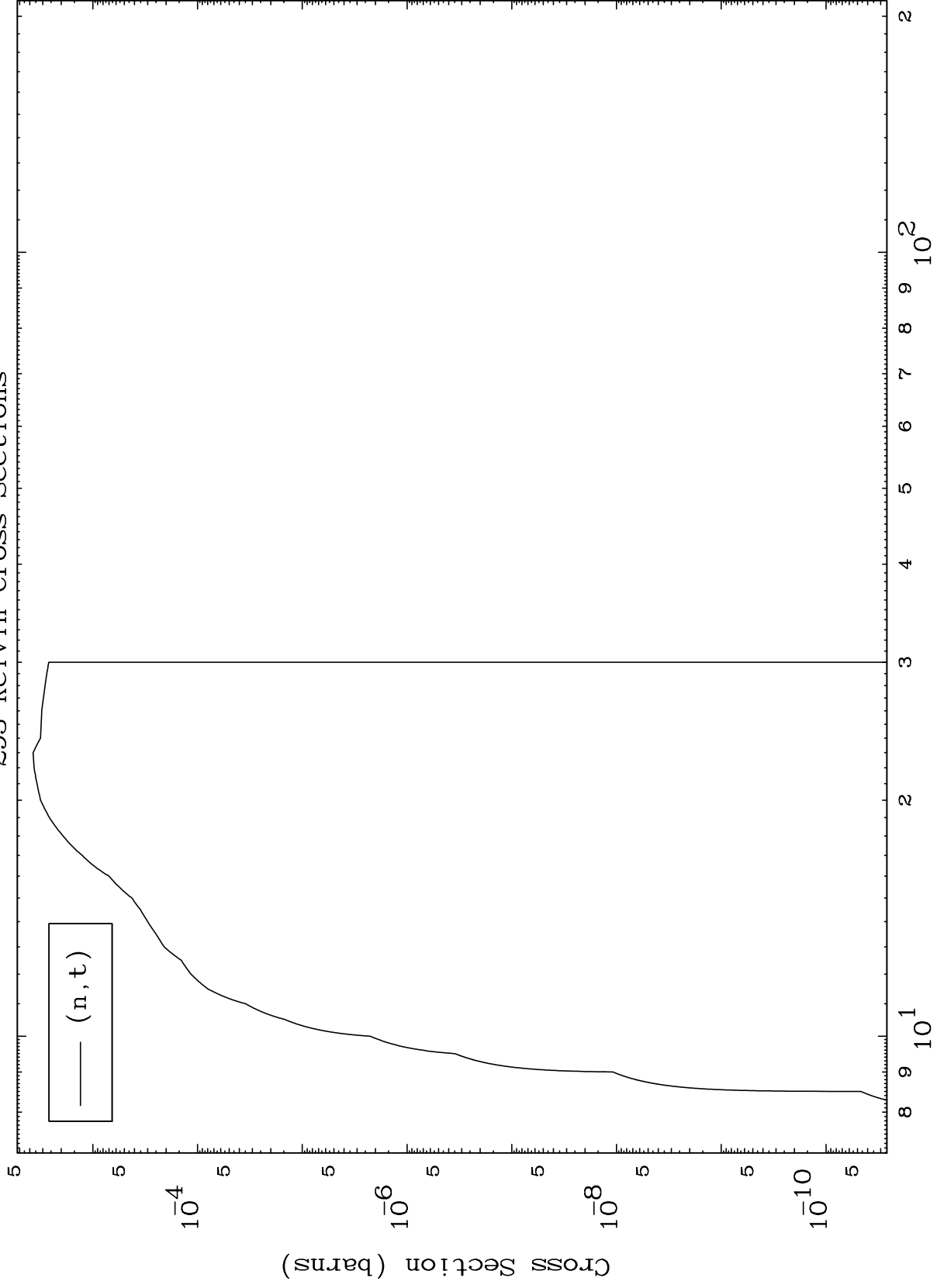




MAT 2337

(n,t) Levels
293 Kelvin Cross Sections

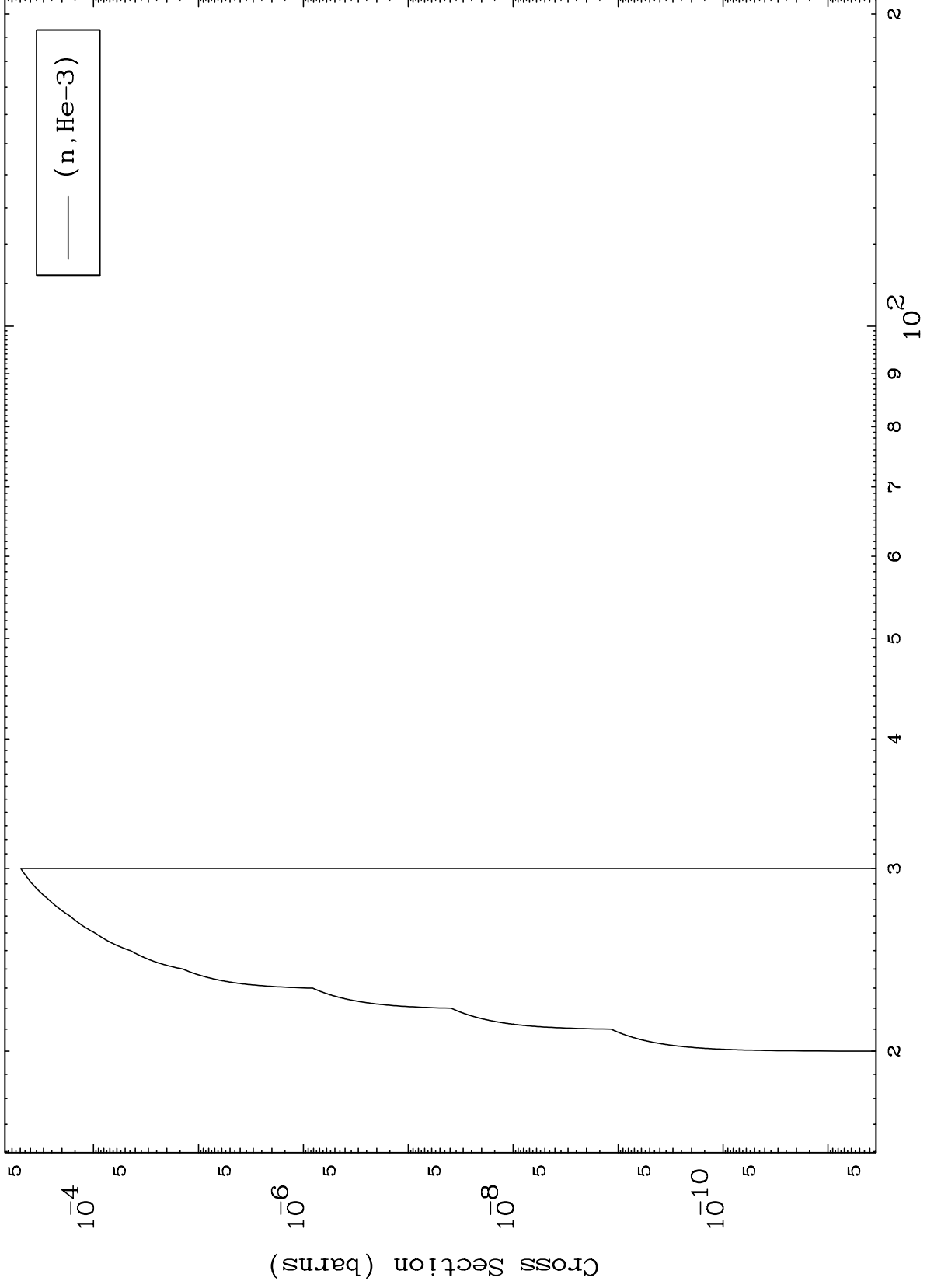
23-V -54



14

Incident Energy (MeV)

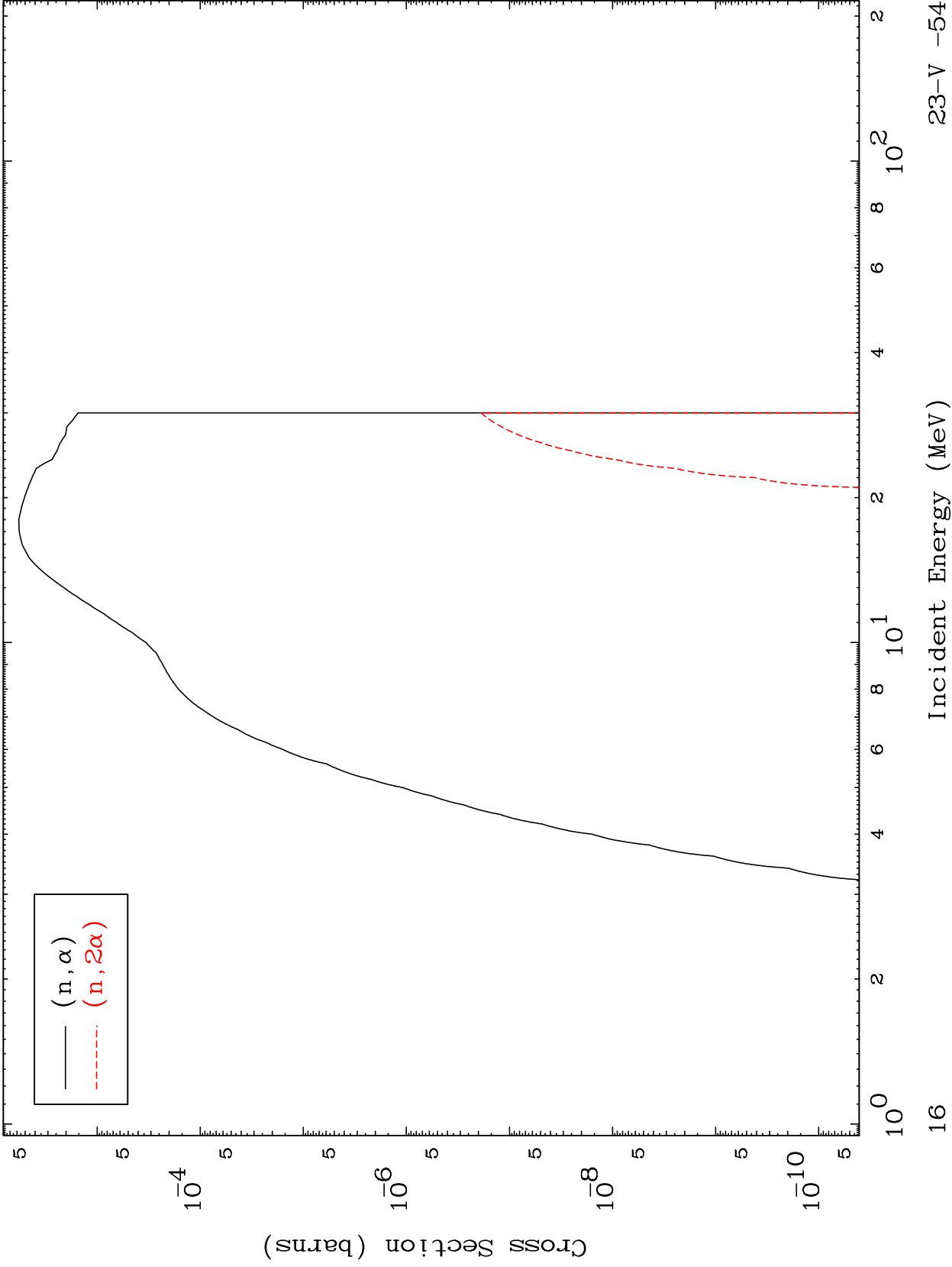
23-V -54



MAT 2337

(n, α) Levels
293 Kelvin Cross Sections

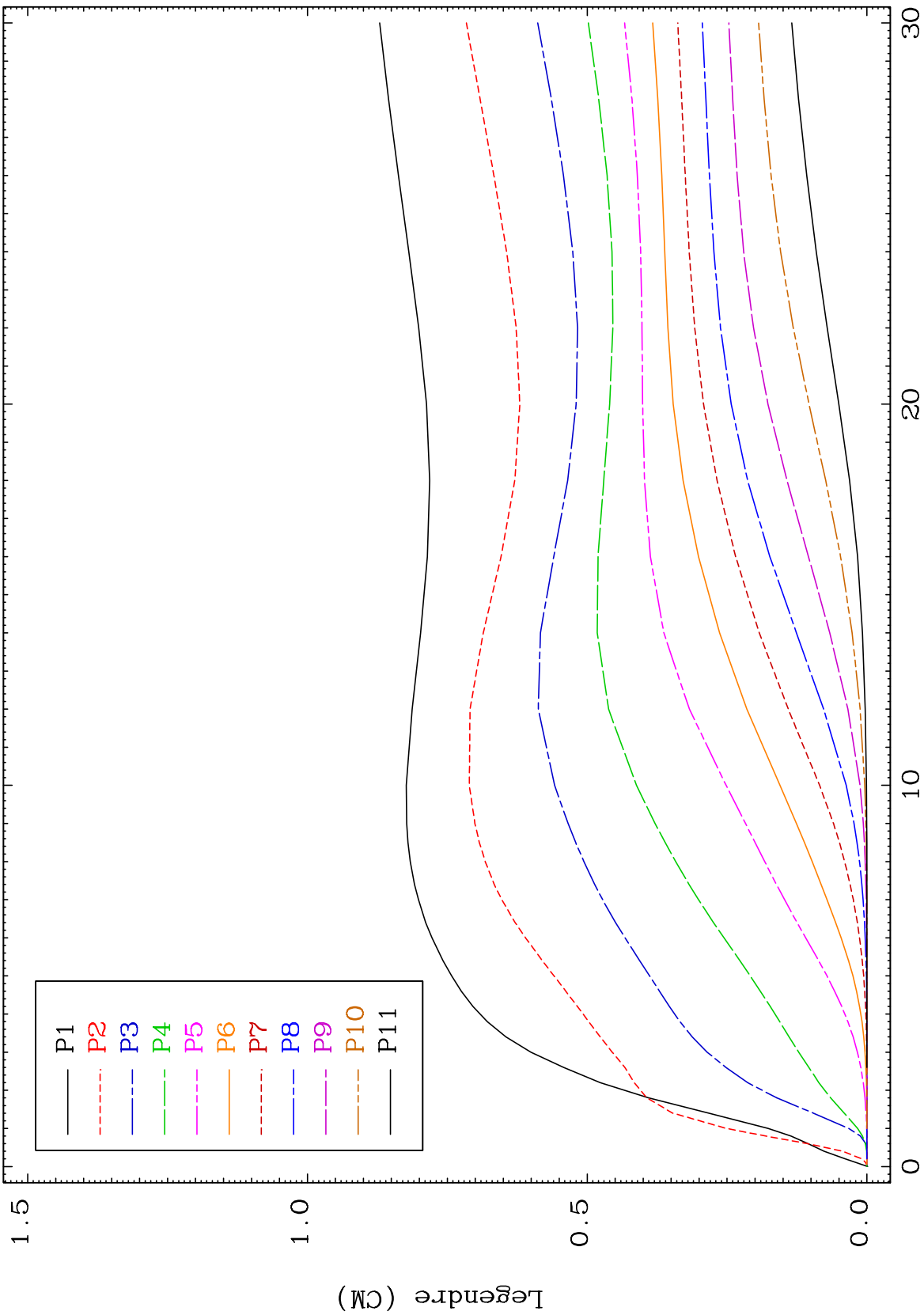
23-V -54



MAT 2337

Elastic Legendre Coefficients

23-V -54



17

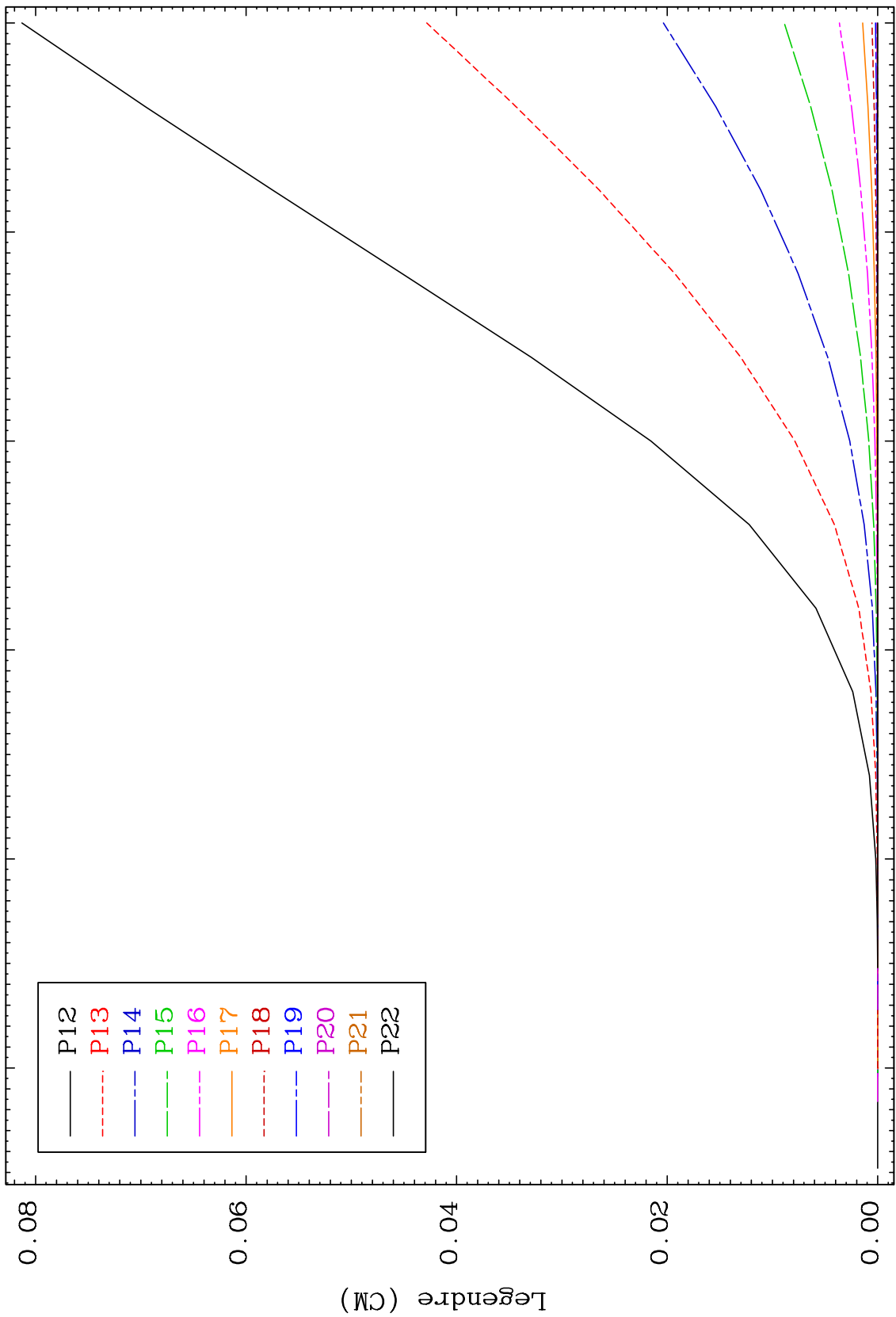
Incident Energy (MeV)

23-V -54

MAT 2337

Elastic
Legendre Coefficients

23-V -54



18

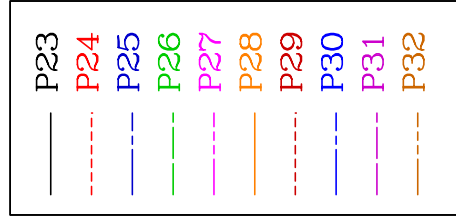
Incident Energy (MeV)

23-V -54

MAT 2337

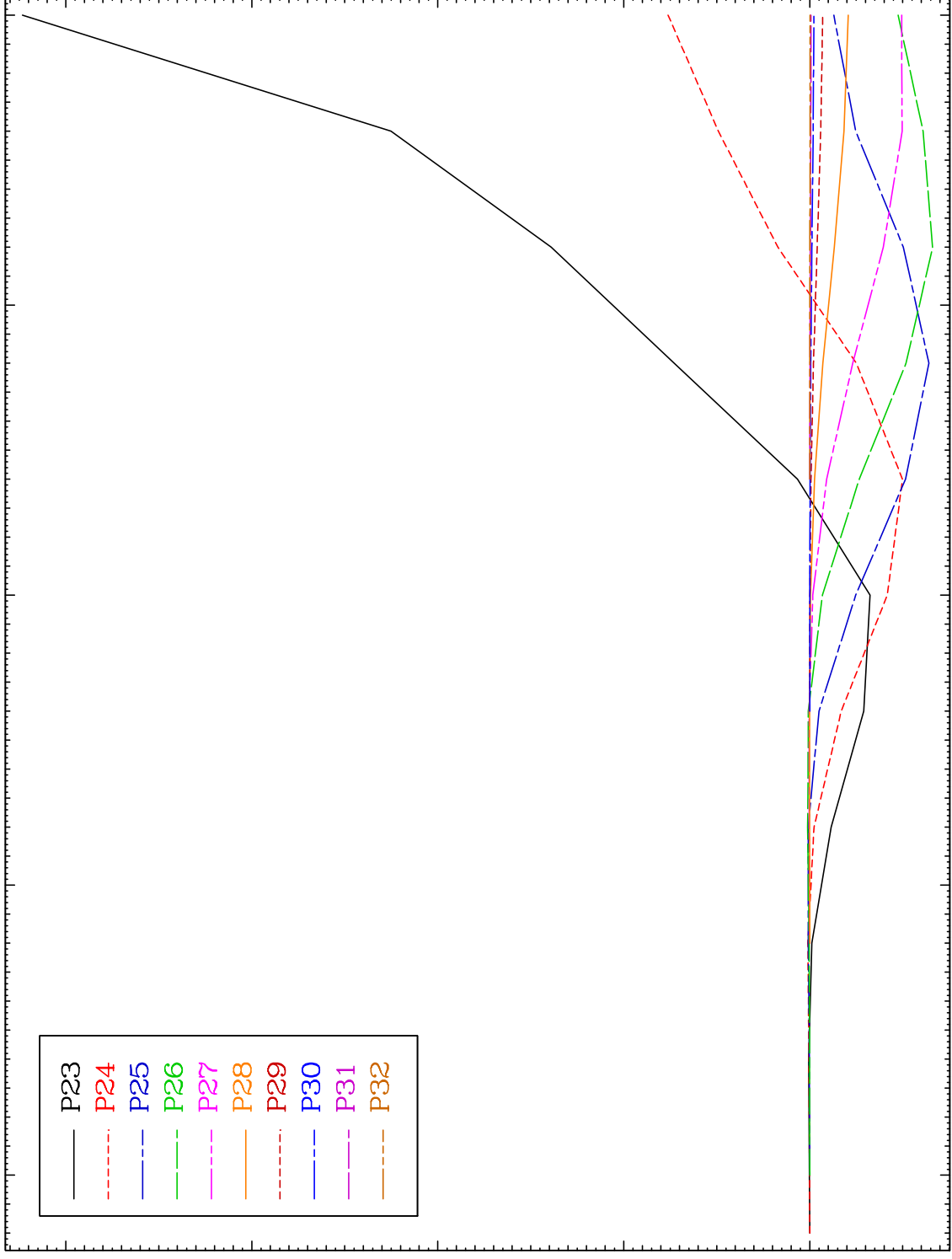
Elastic Legendre Coefficients

23-V -54



X10^{2.60}

Legendre (CM)



10

15

20

25

30

19

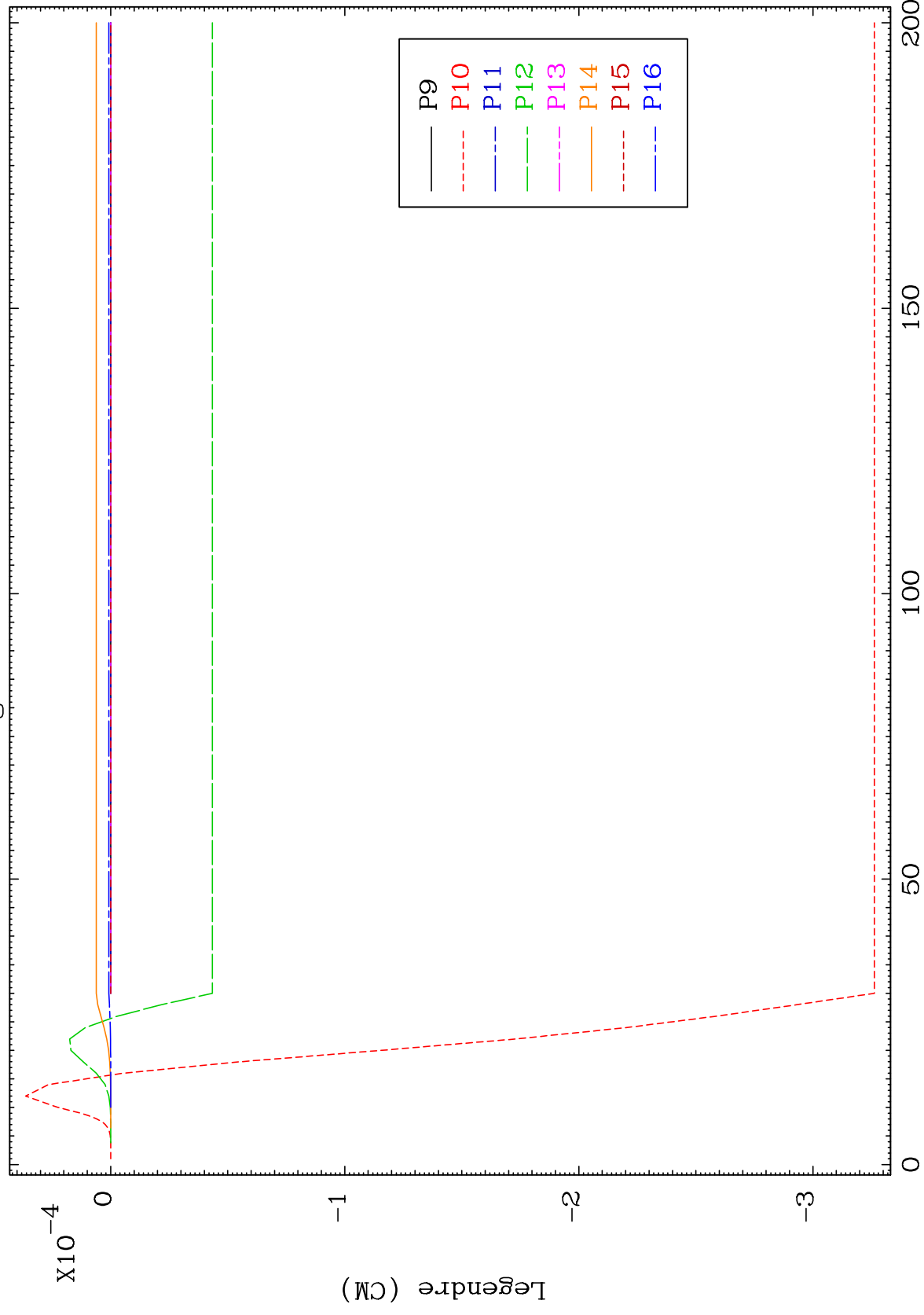
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



21

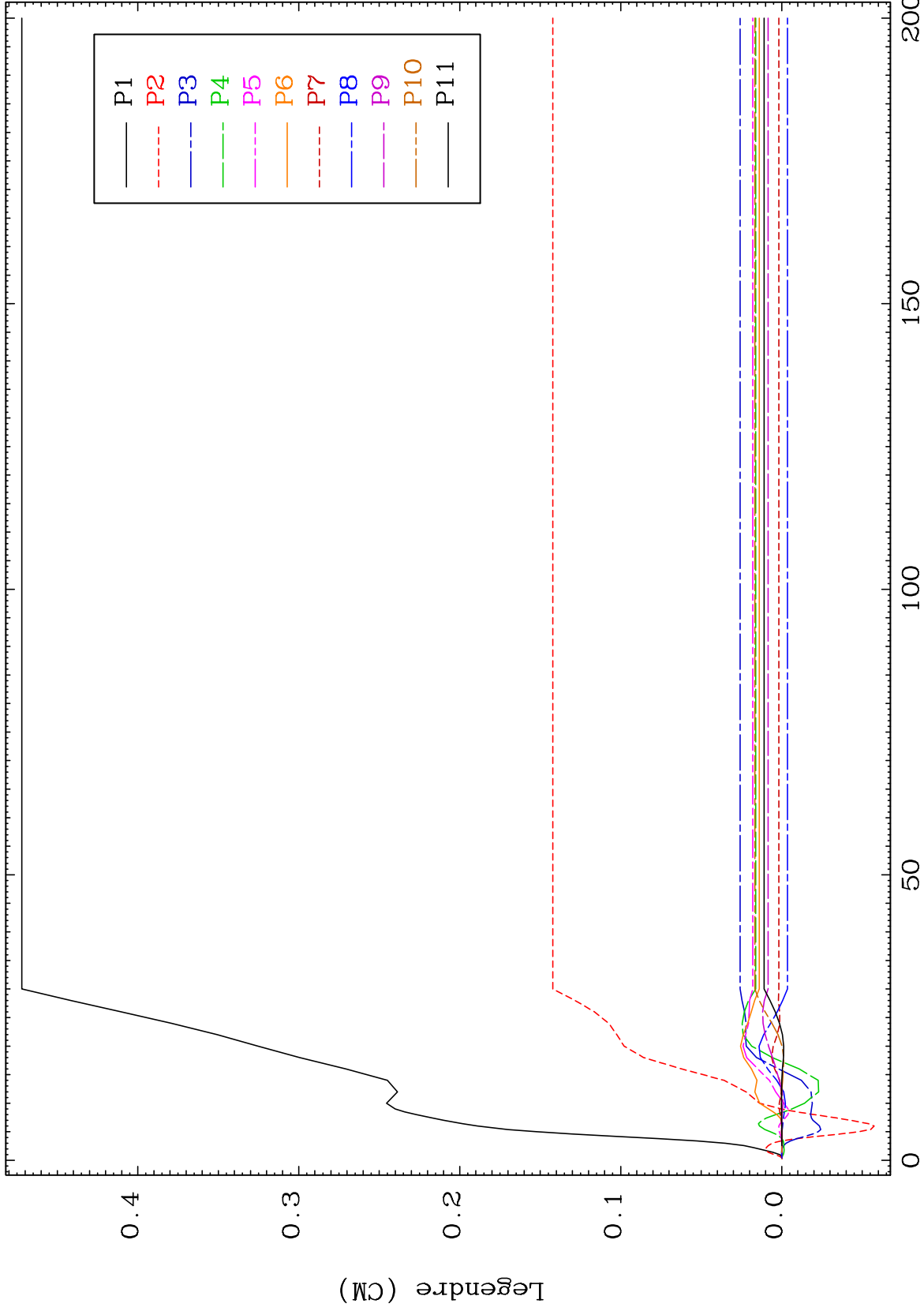
Incident Energy (MeV)

23-V -54

MAT 2337

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

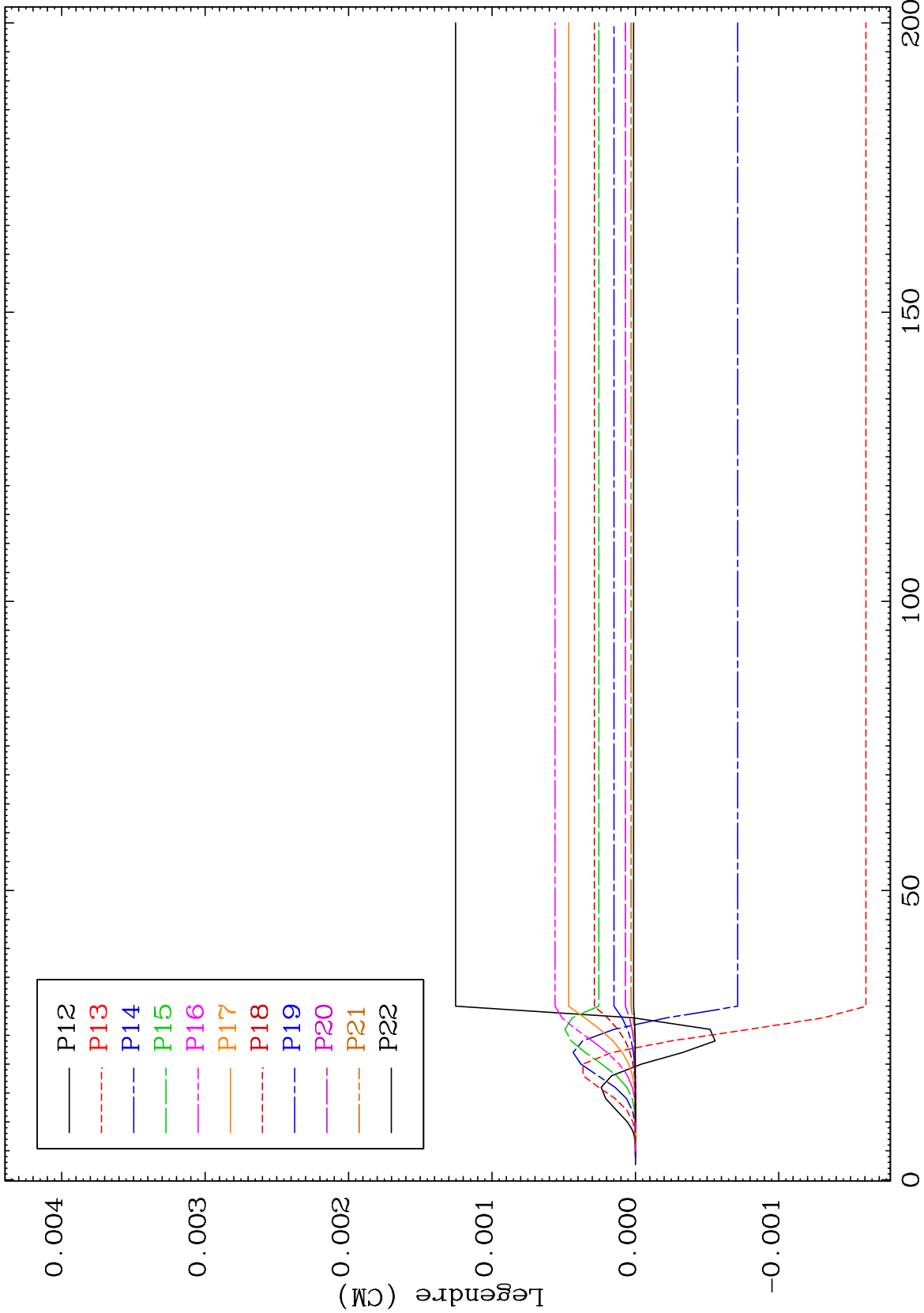
23-V -54



23

Incident Energy (MeV)

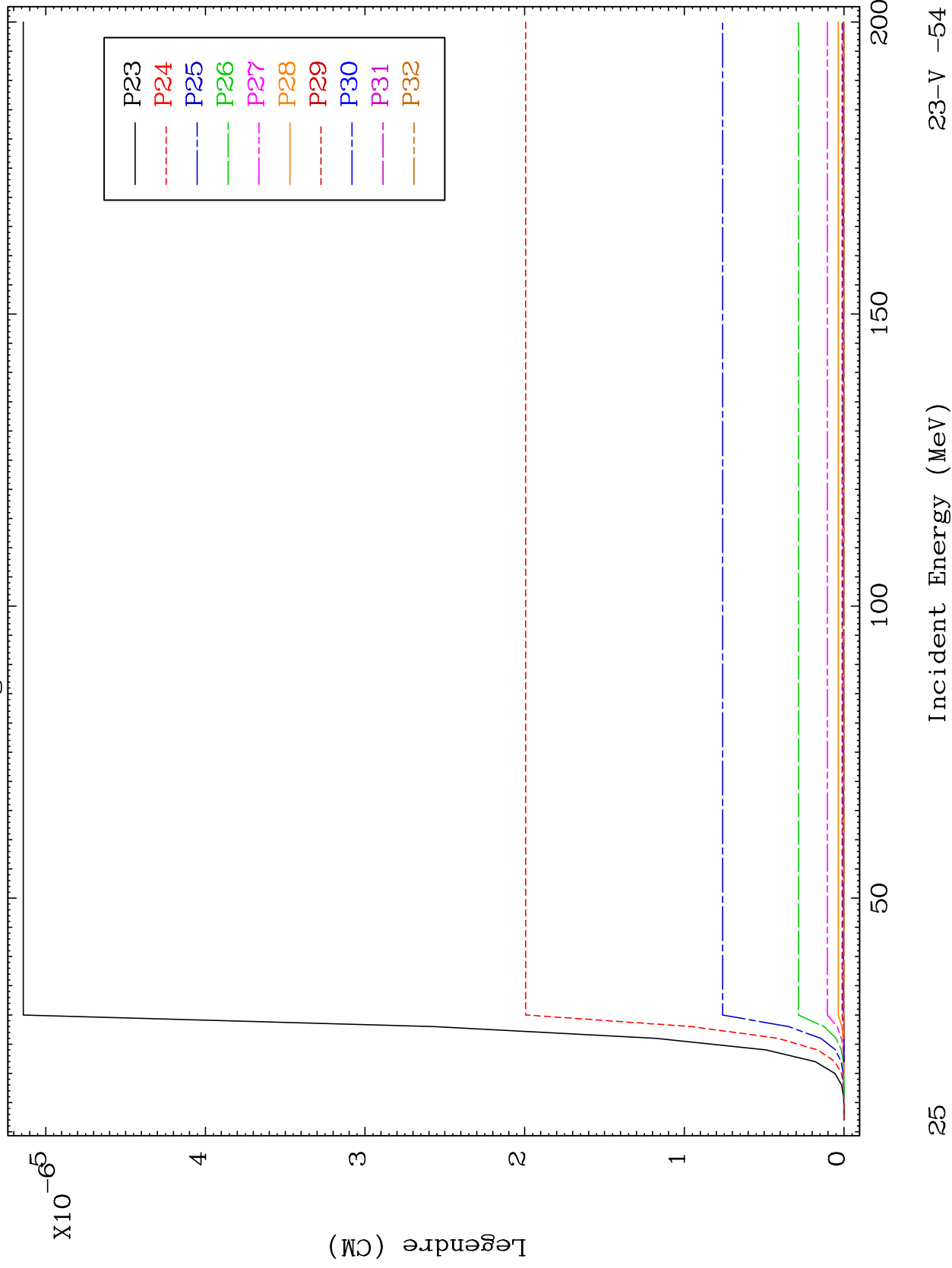
23-V -54



MAT 2337

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

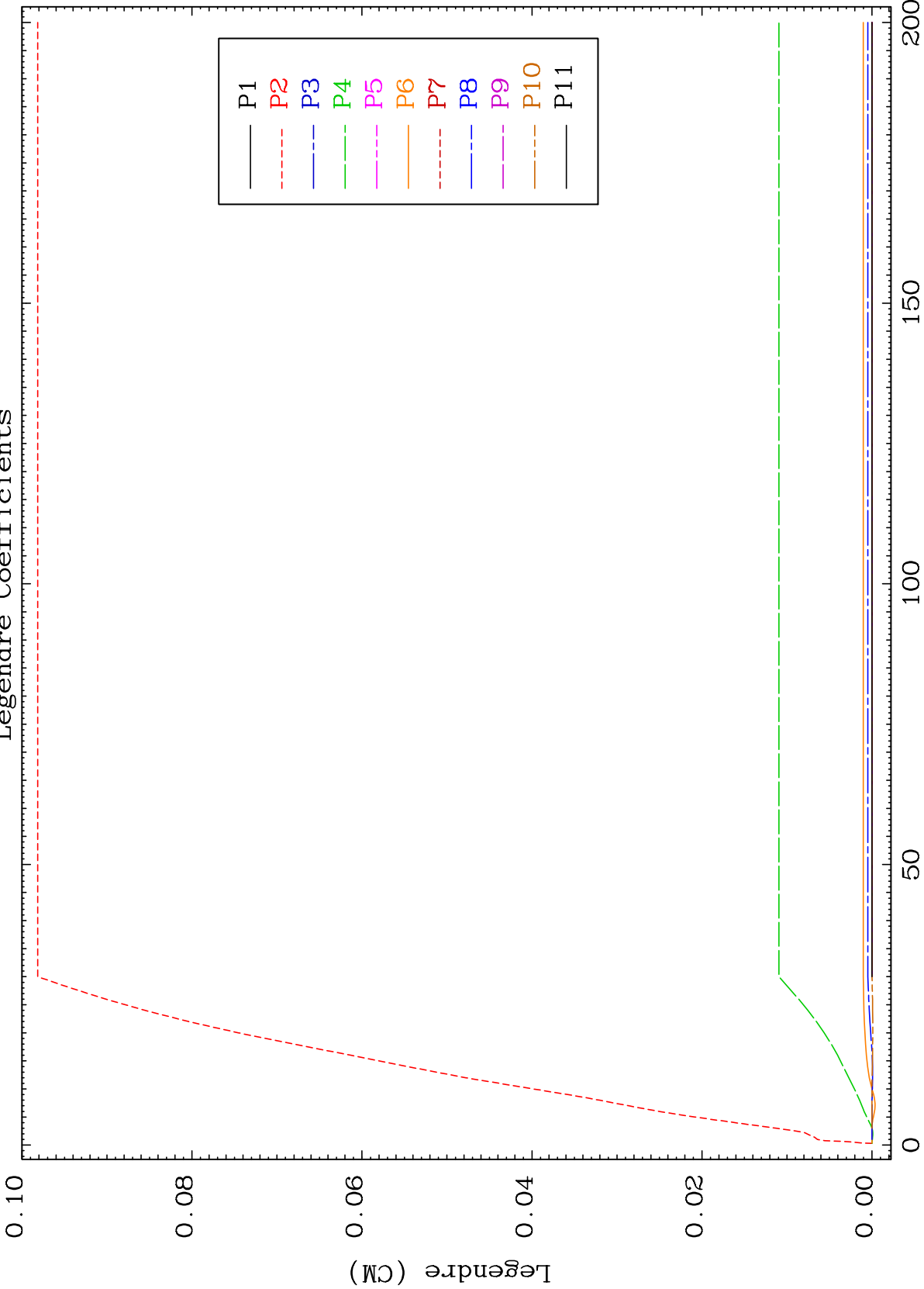
23-V -54



MAT 2337

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

23-V -54



26

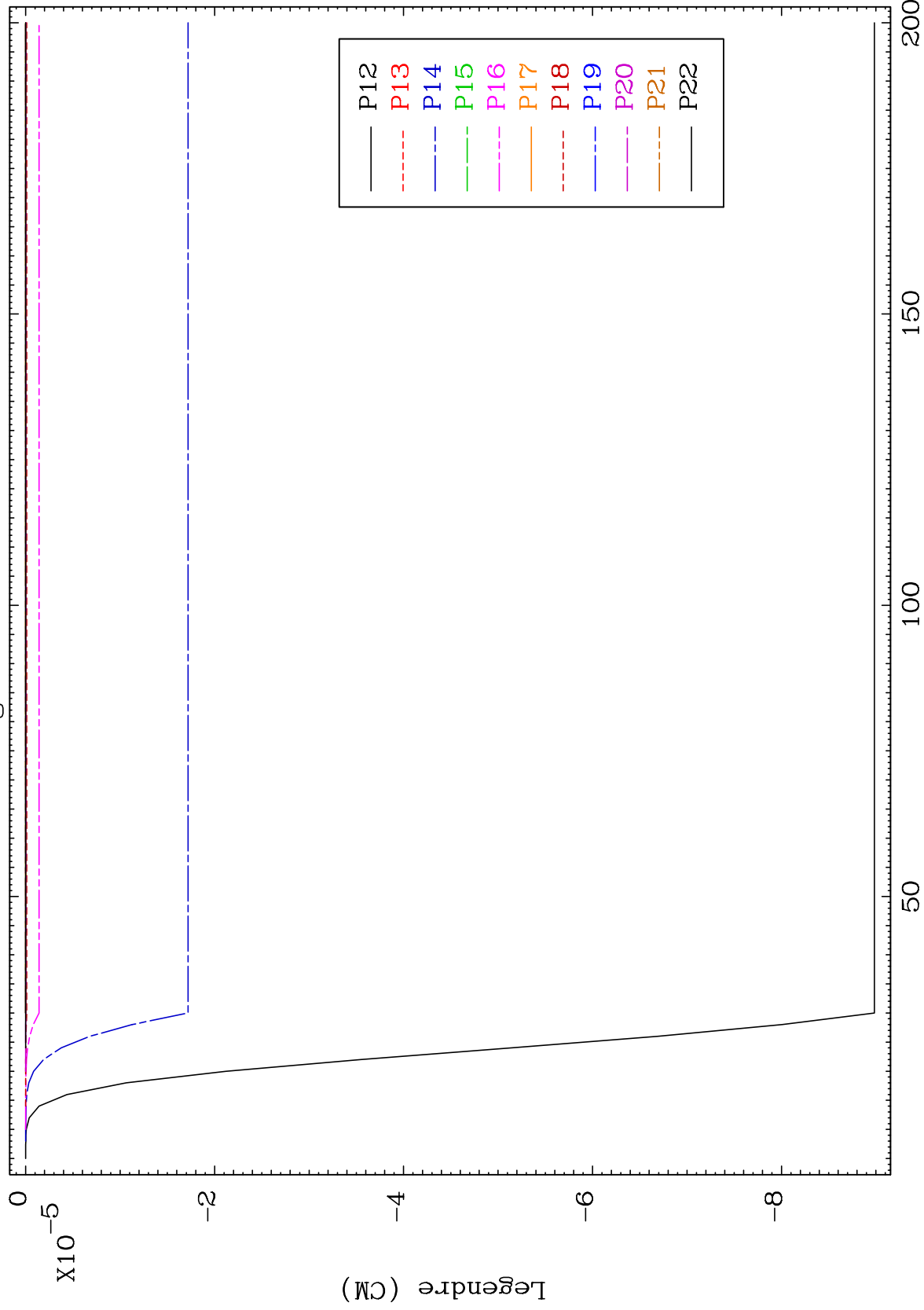
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



27

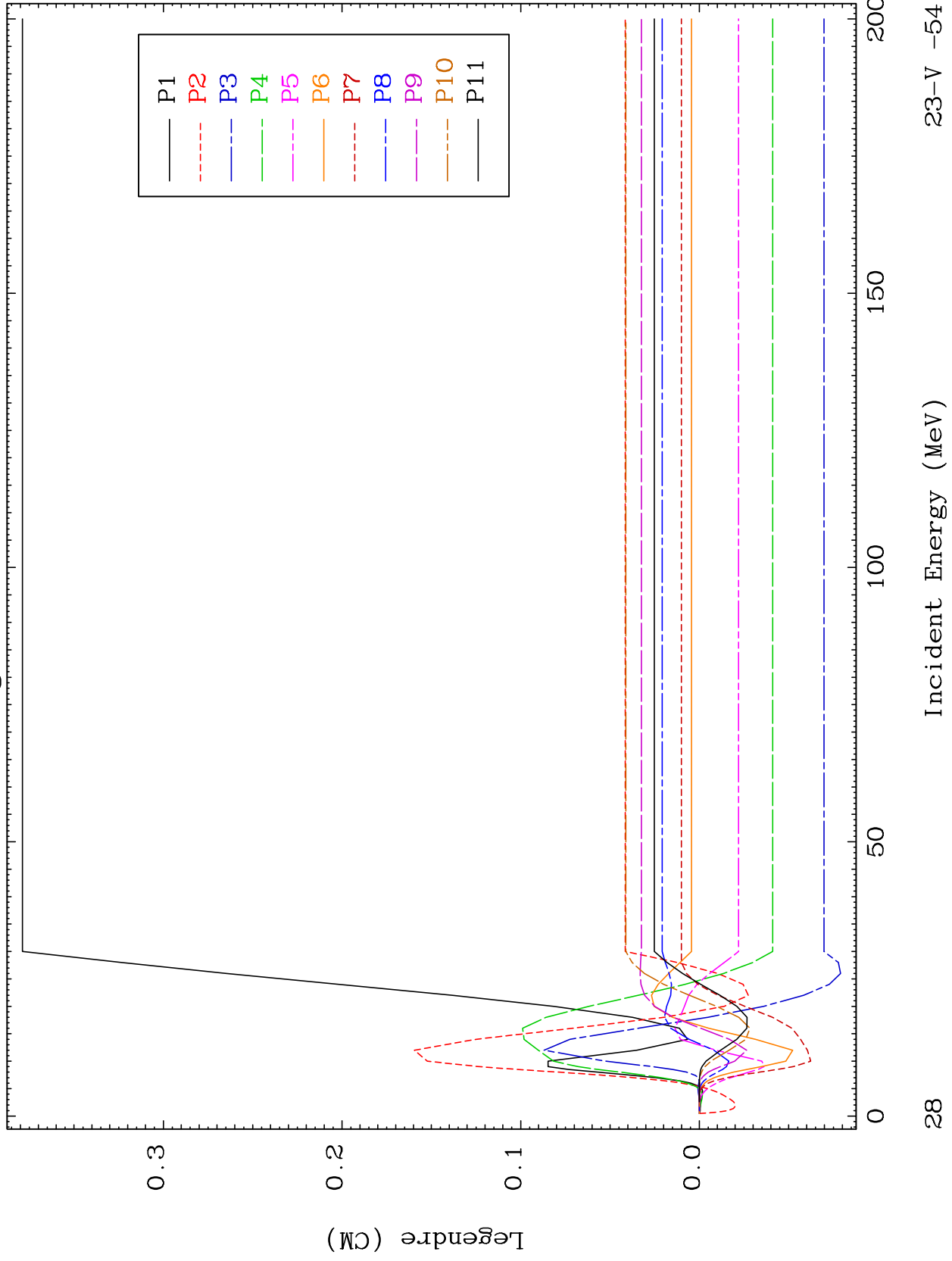
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



28

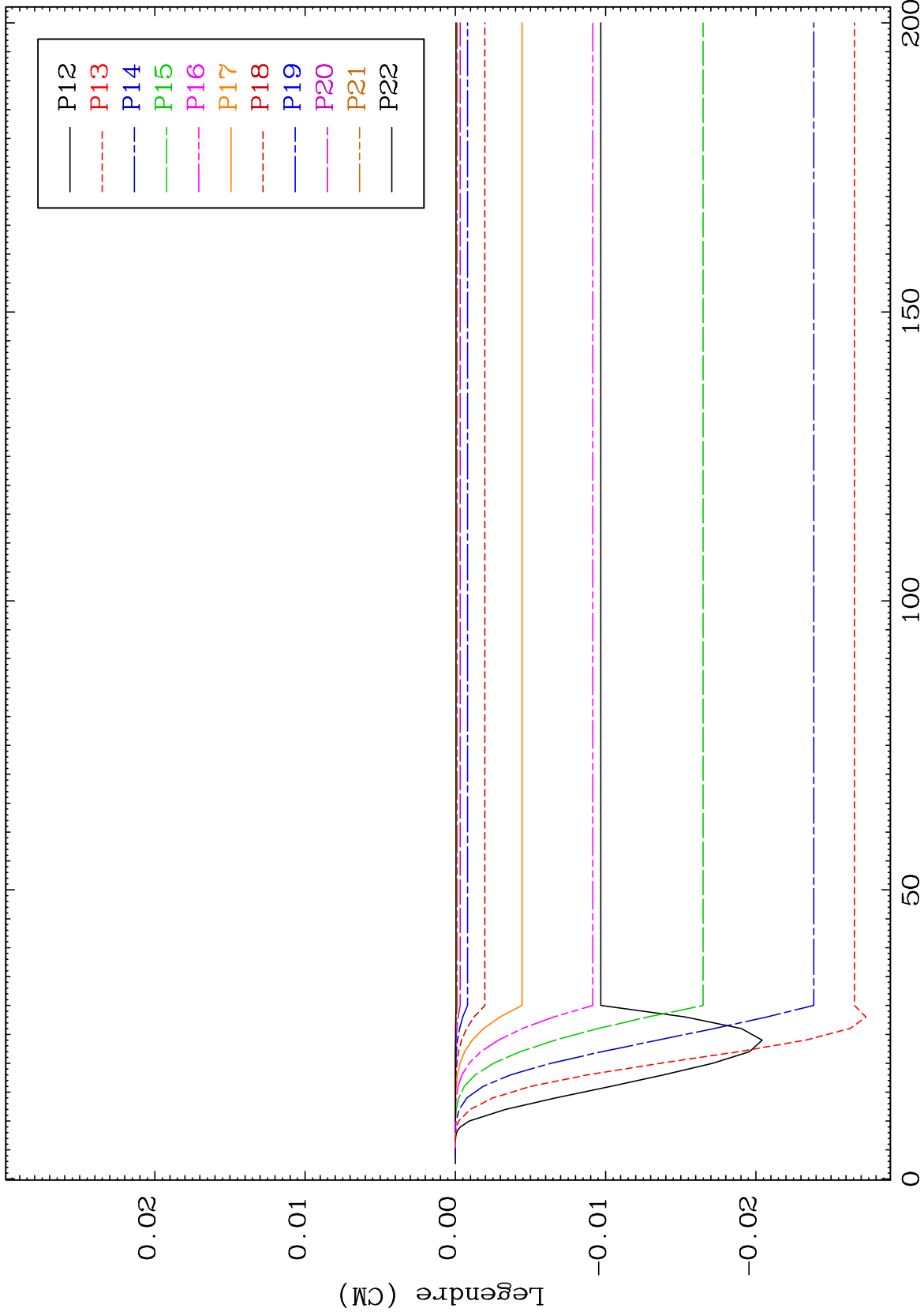
Incident Energy (MeV)

23-V -54

MAT 2337

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

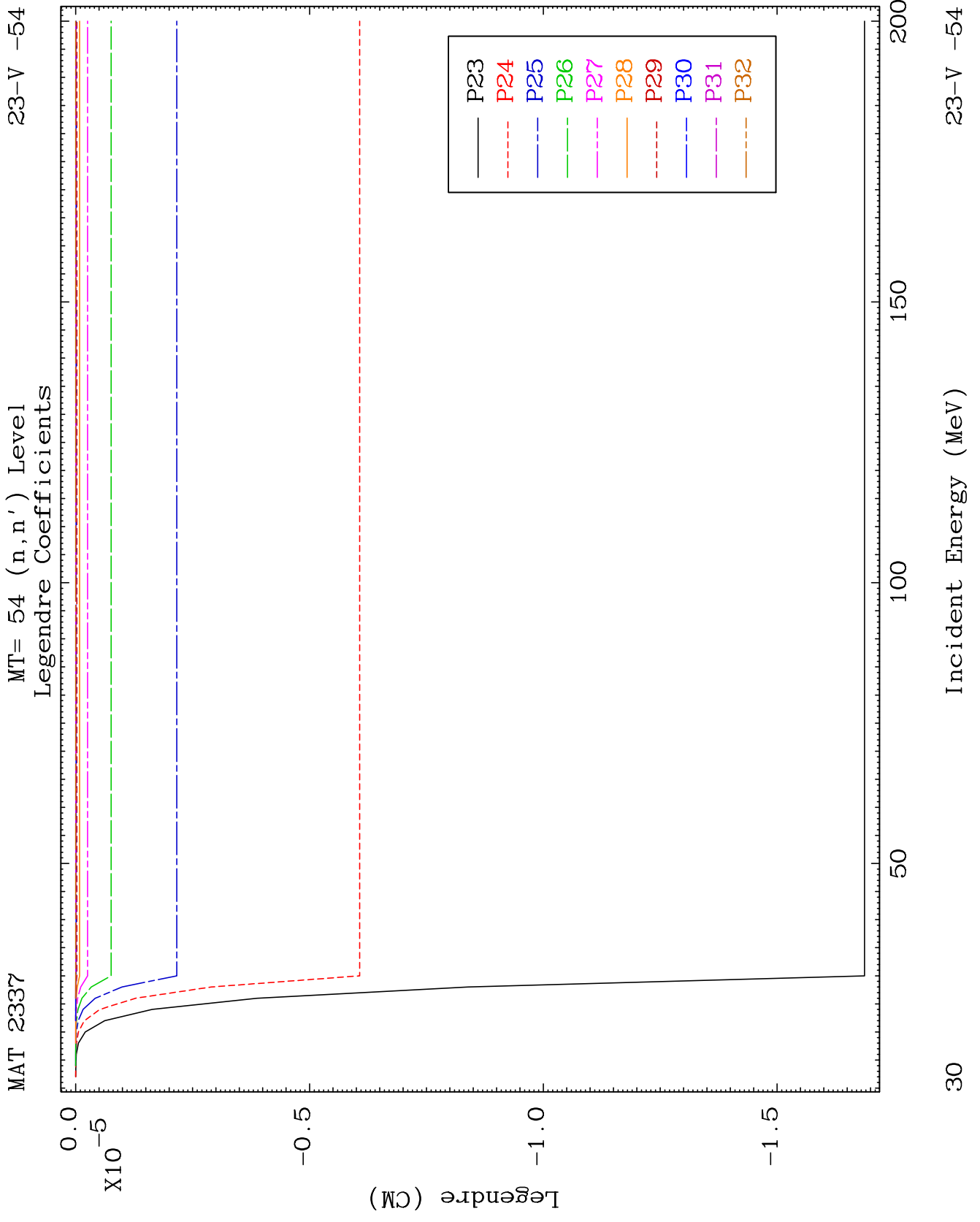
23-V -54



29

Incident Energy (MeV)

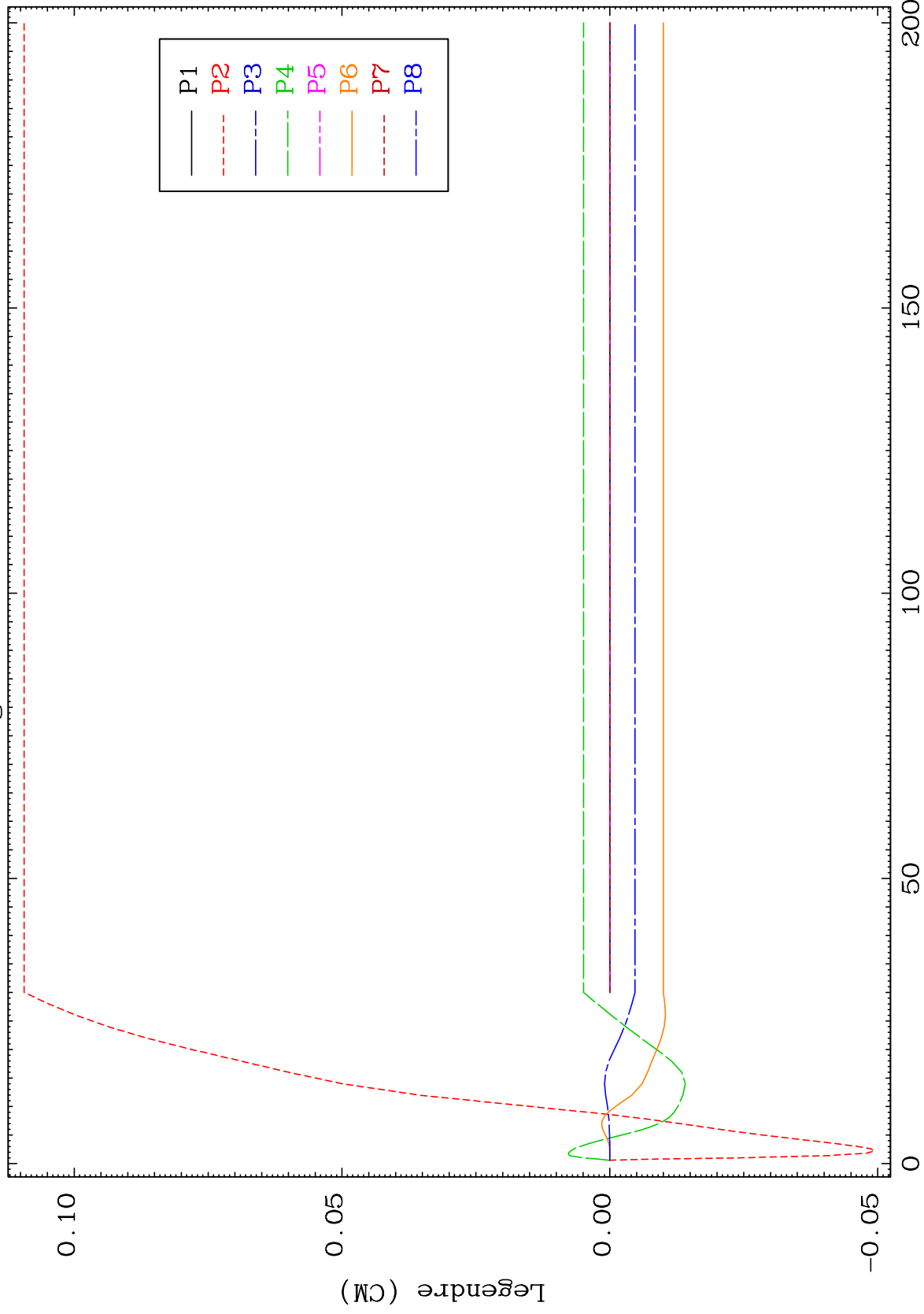
23-V -54



MAT 2337

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

23-V -54



31

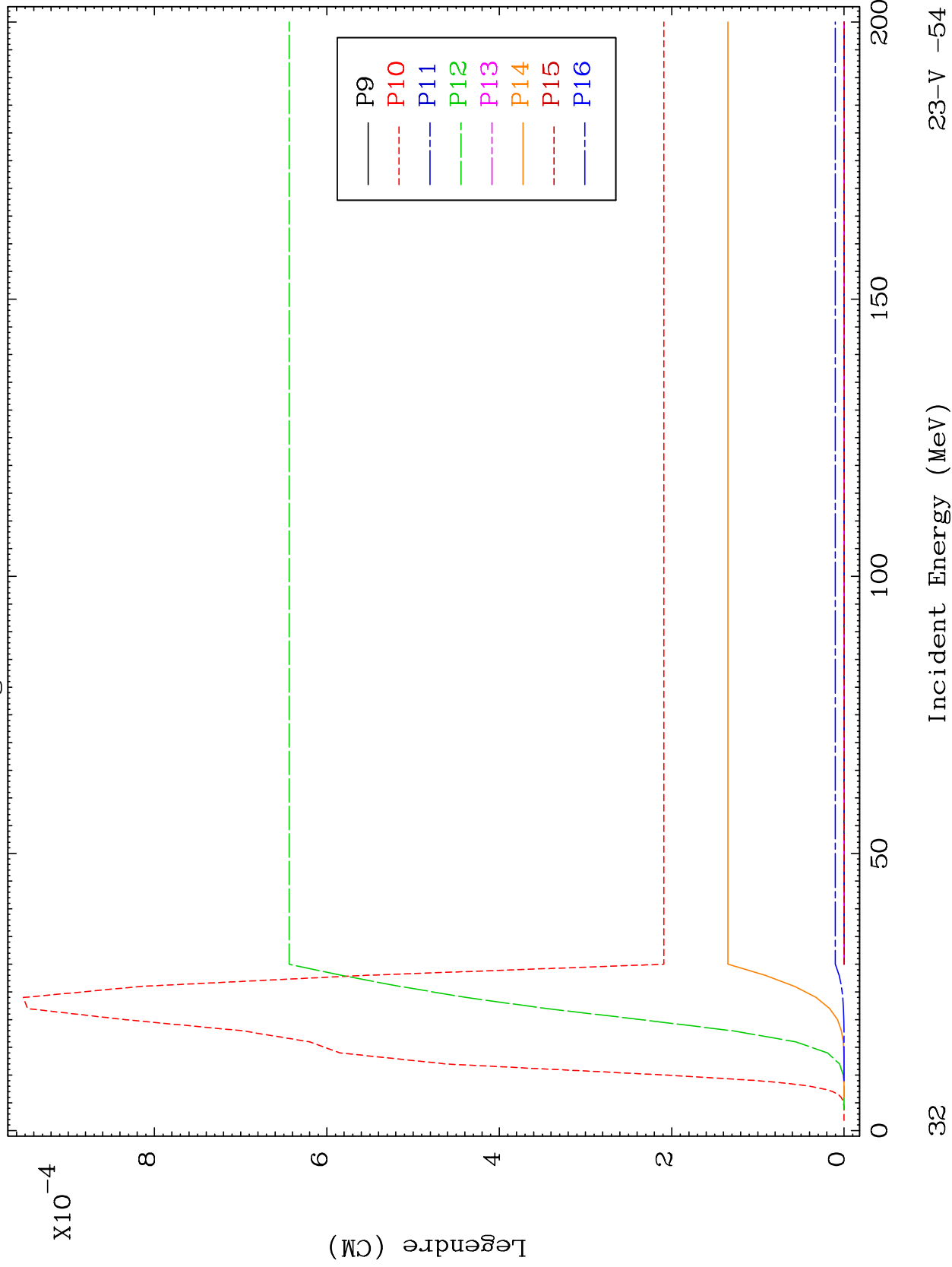
Incident Energy (MeV)

23-V -54

MAT 2337

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

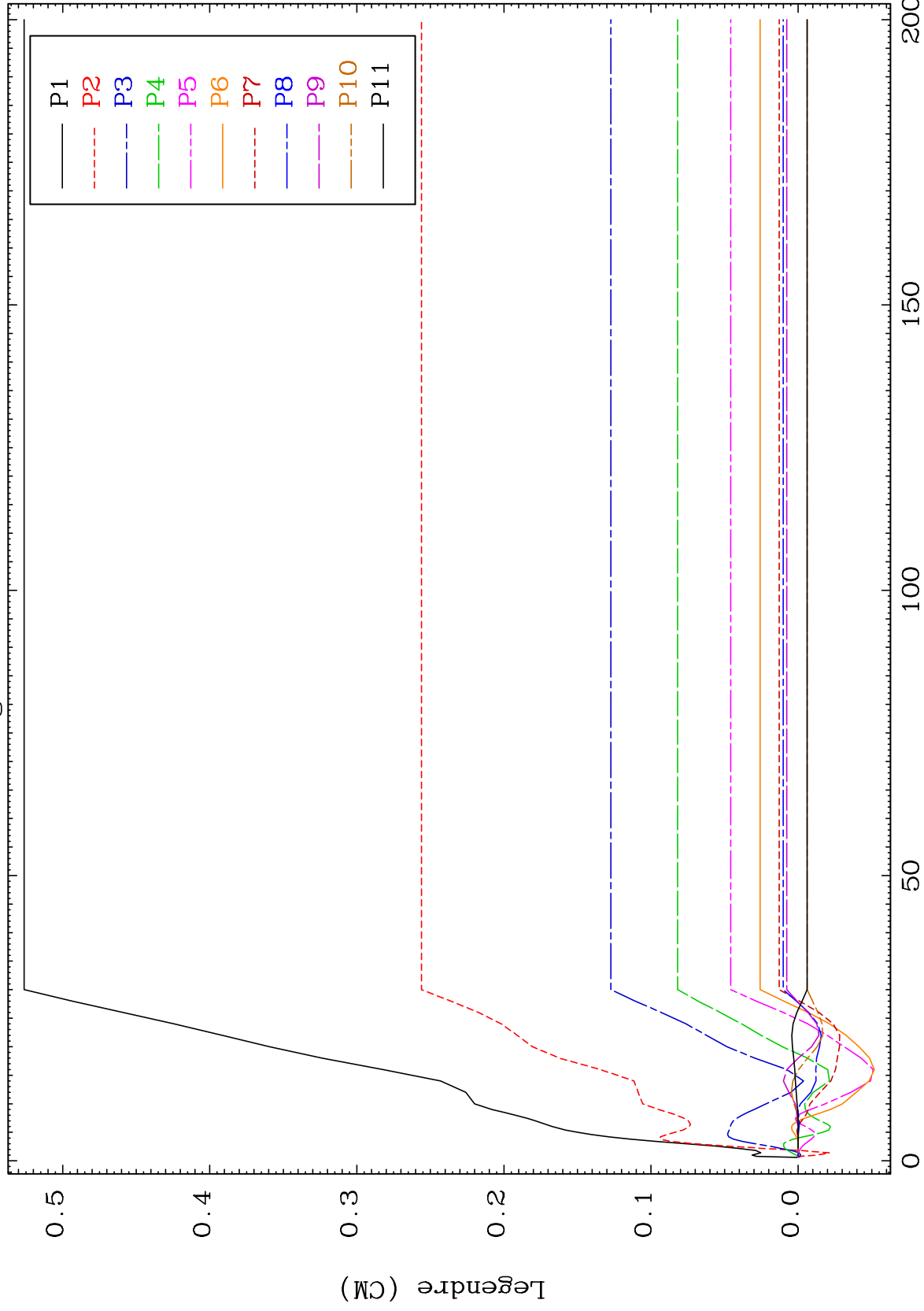
23-V -54



MAT 2337

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

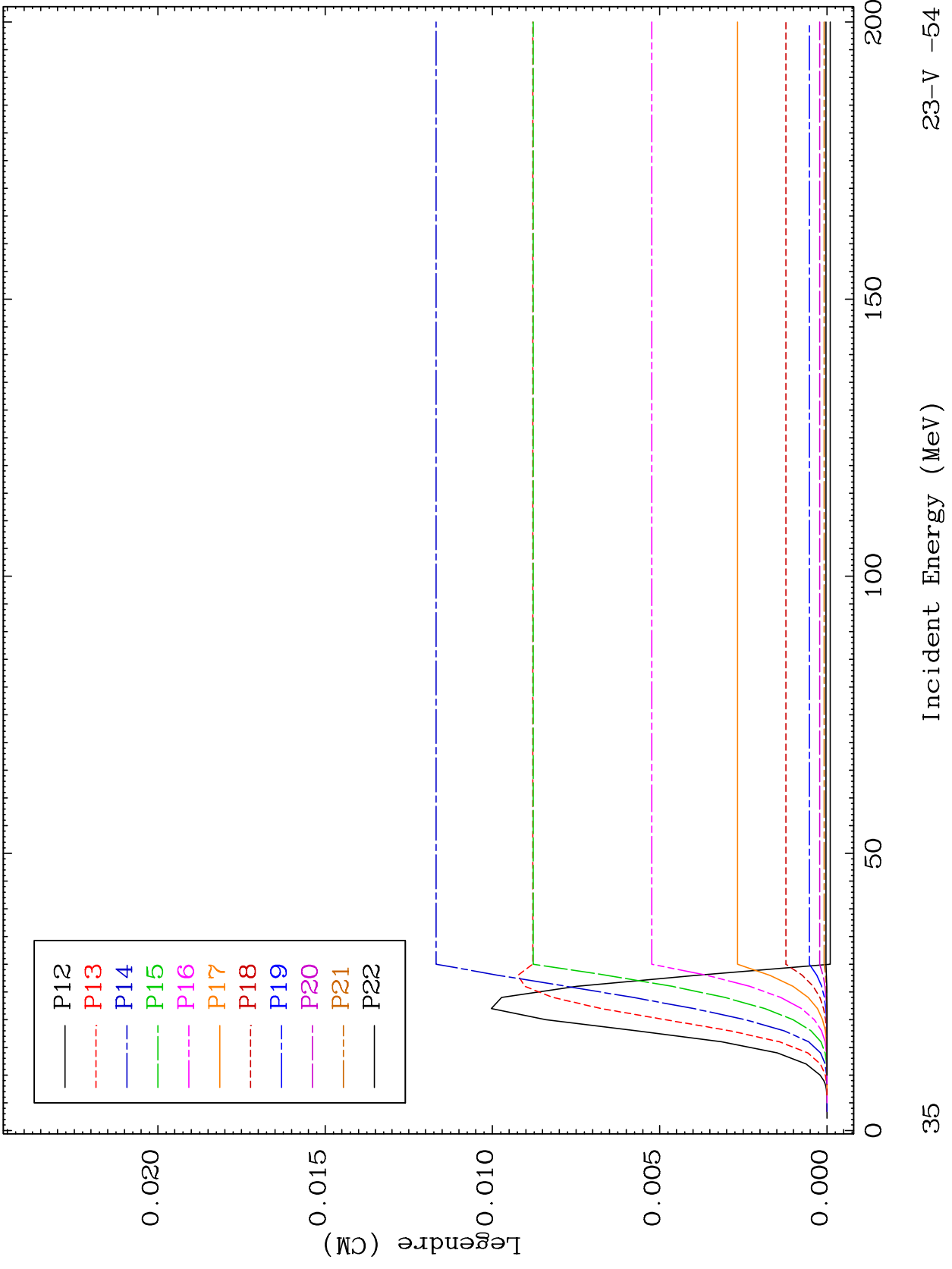
23-V -54

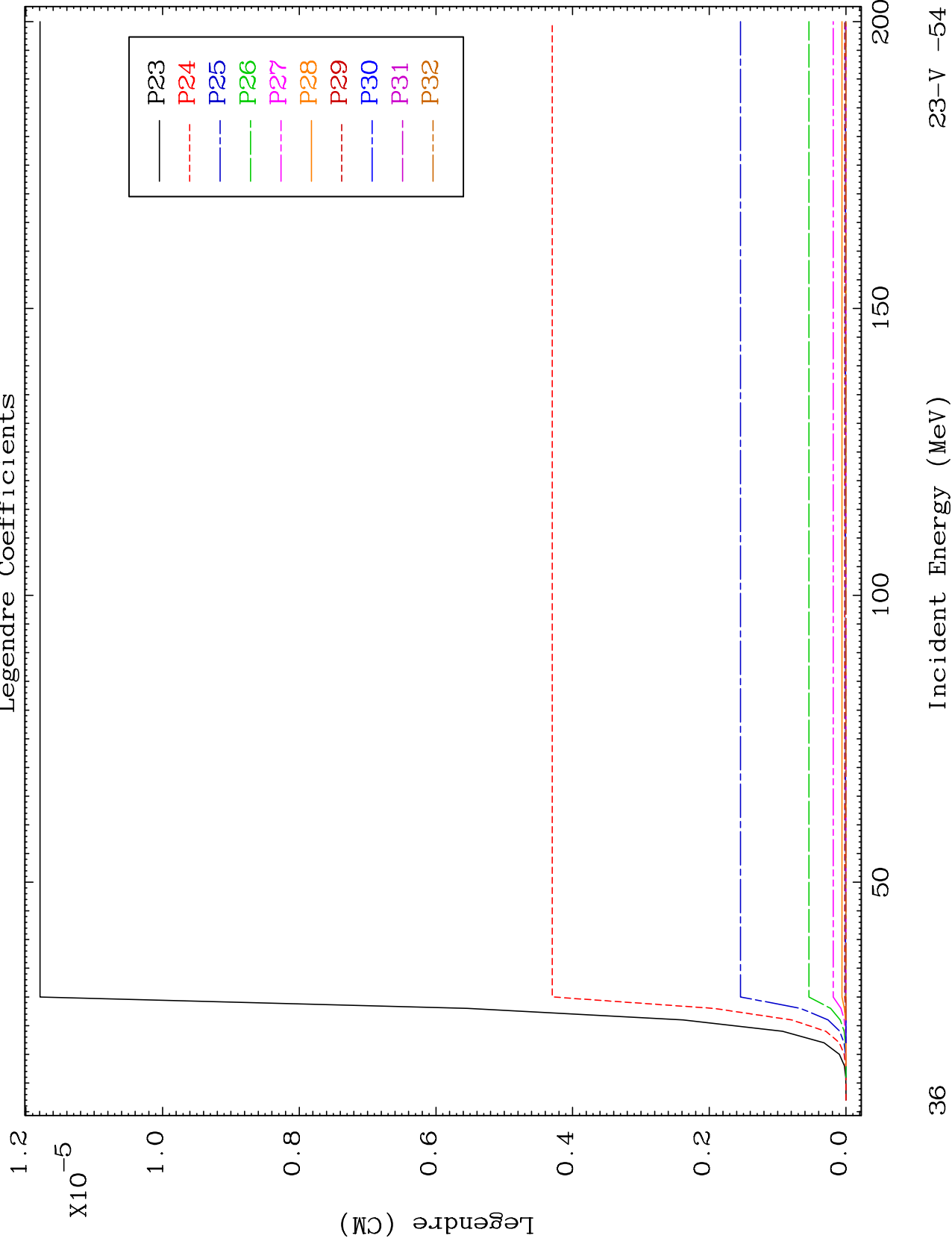


34

Incident Energy (MeV)

23-V -54

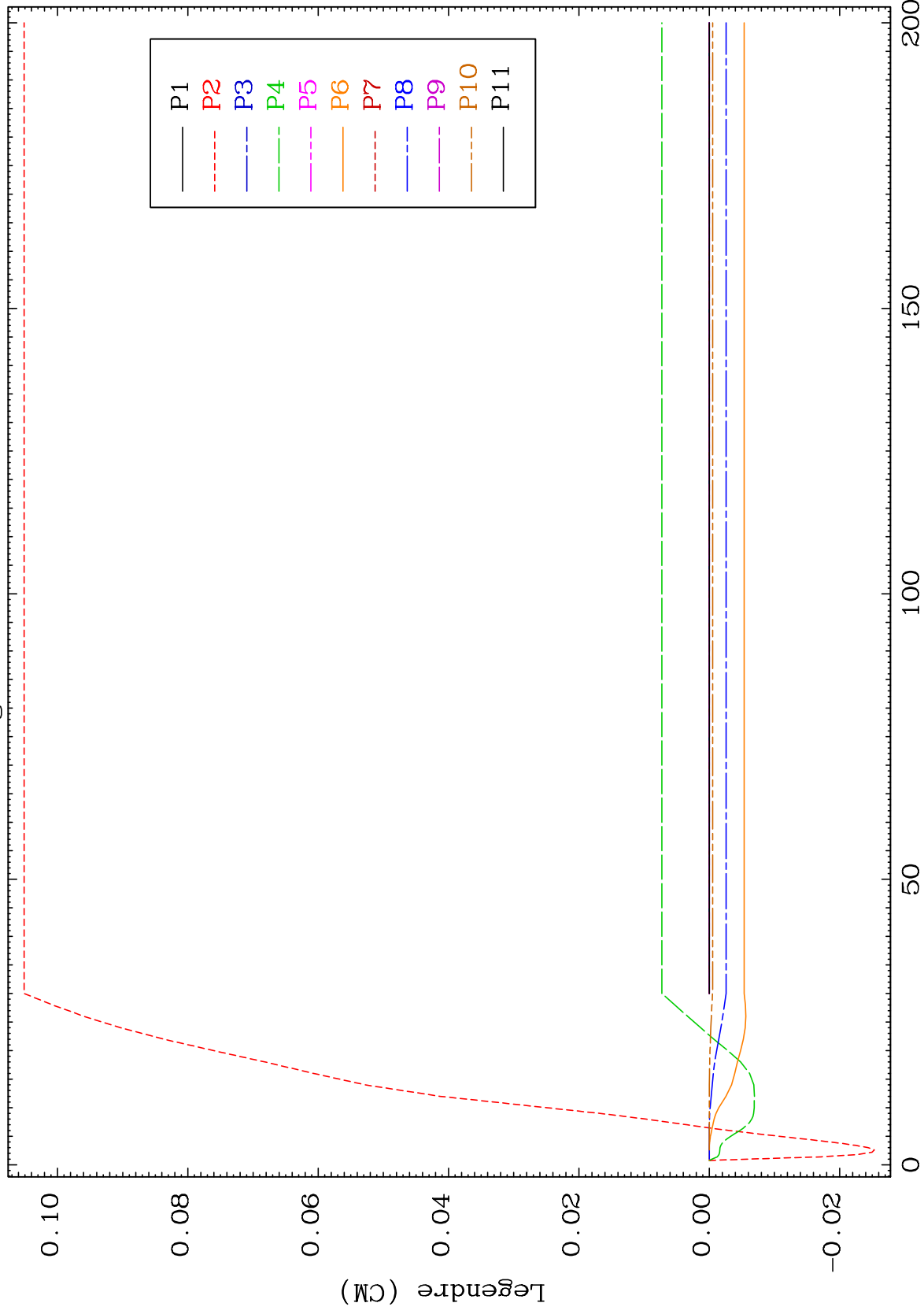




MAT 2337

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

23-V -54



37

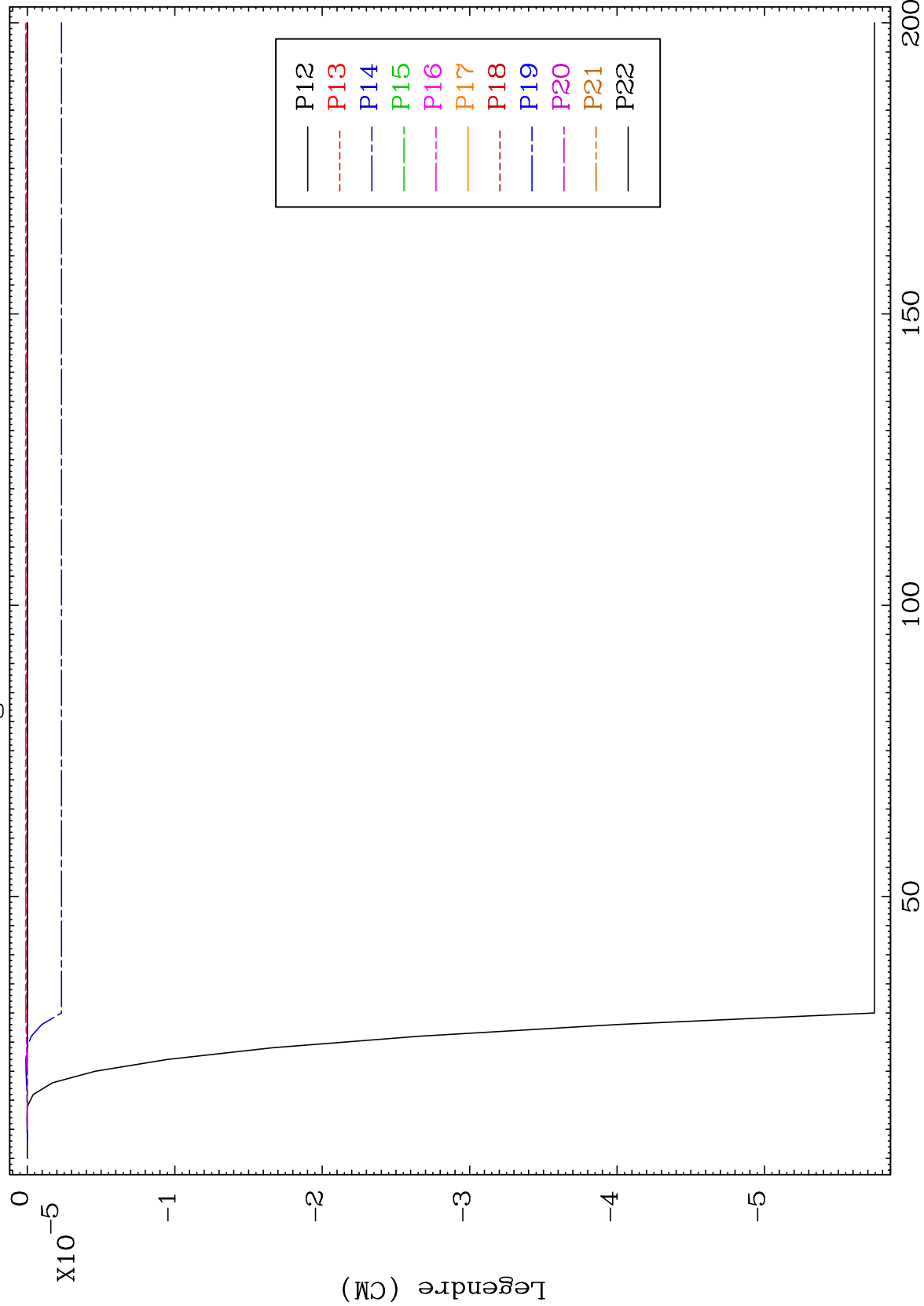
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



38

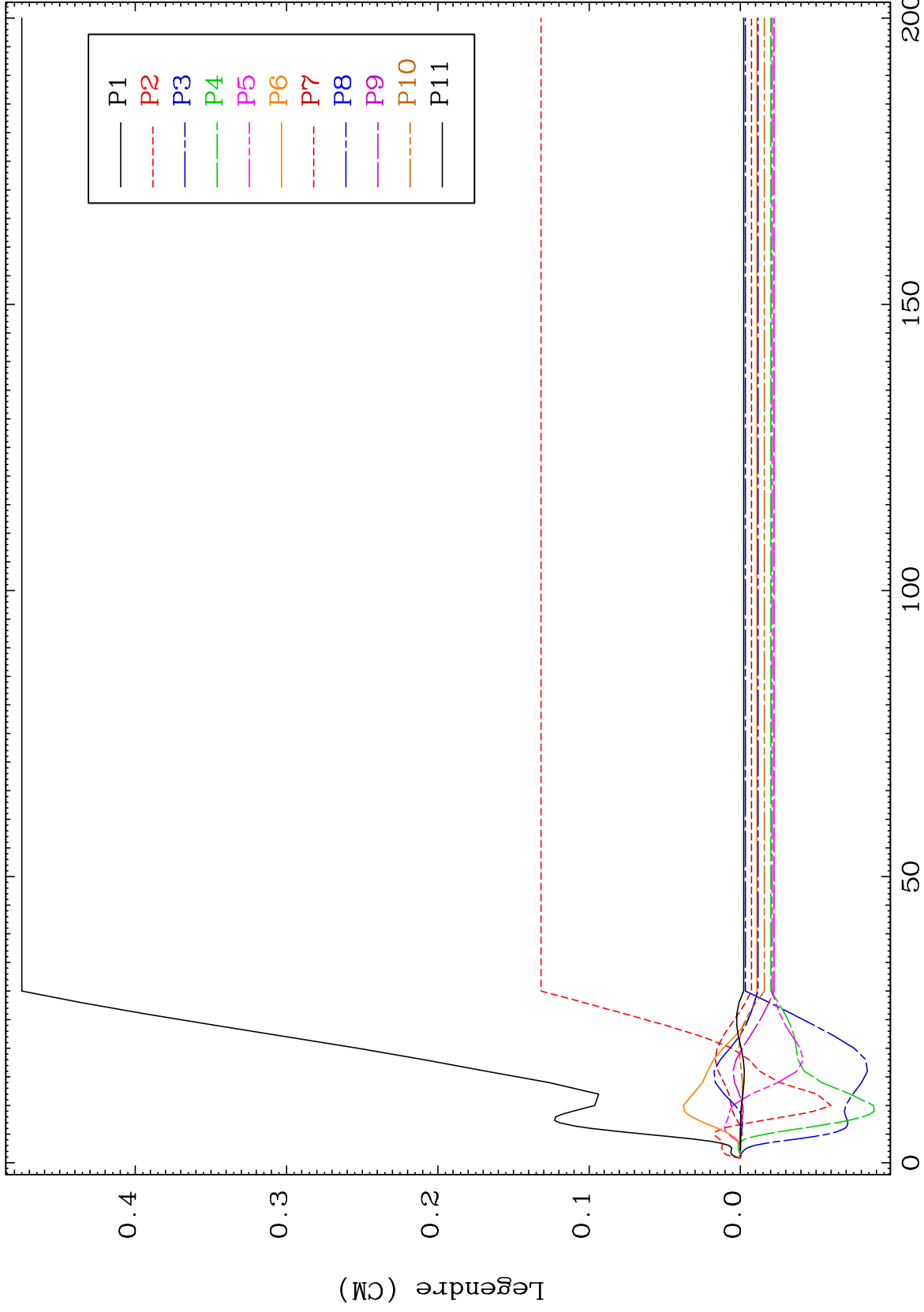
Incident Energy (MeV)

23-V -54

MAT 2337

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

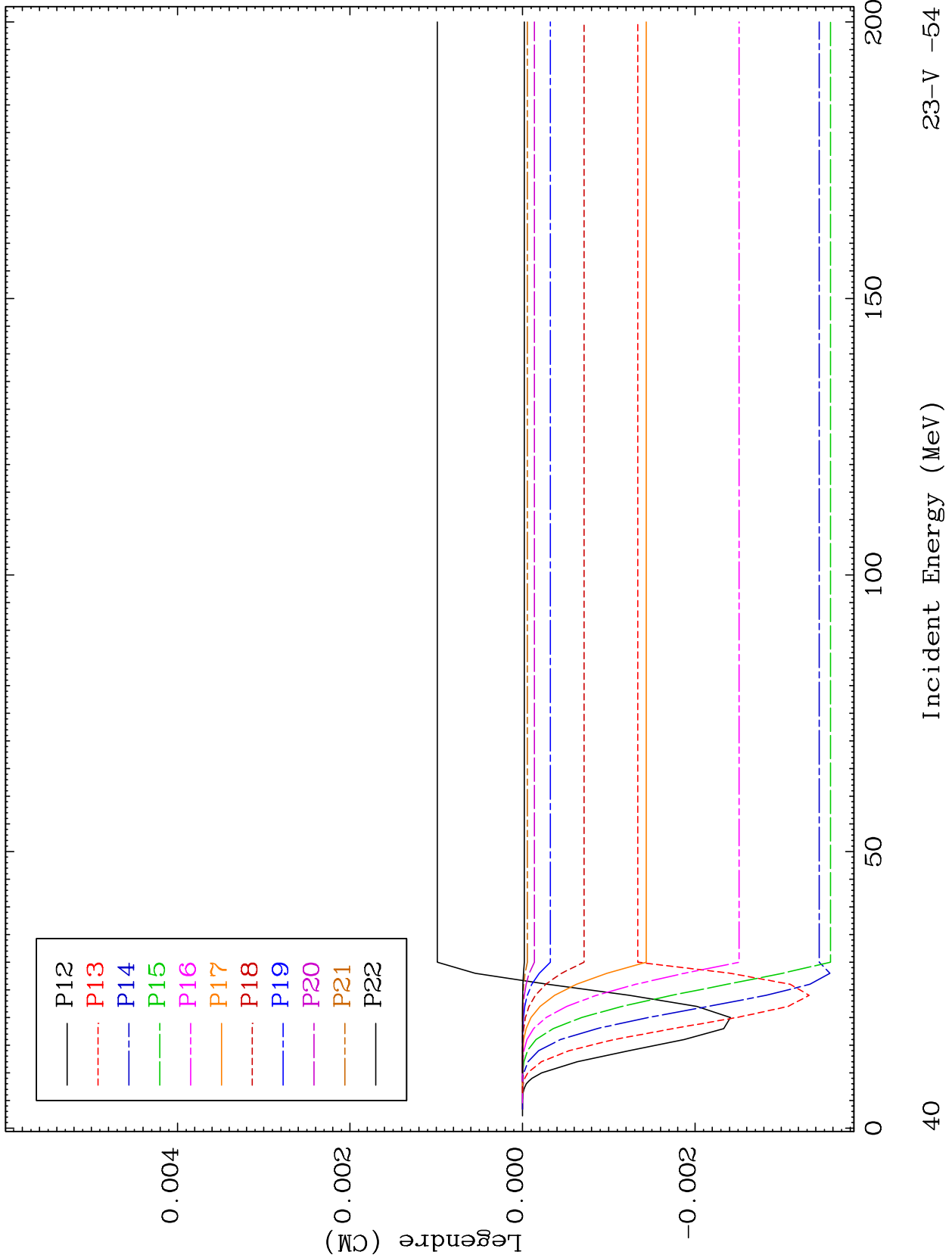
23-V -54



39

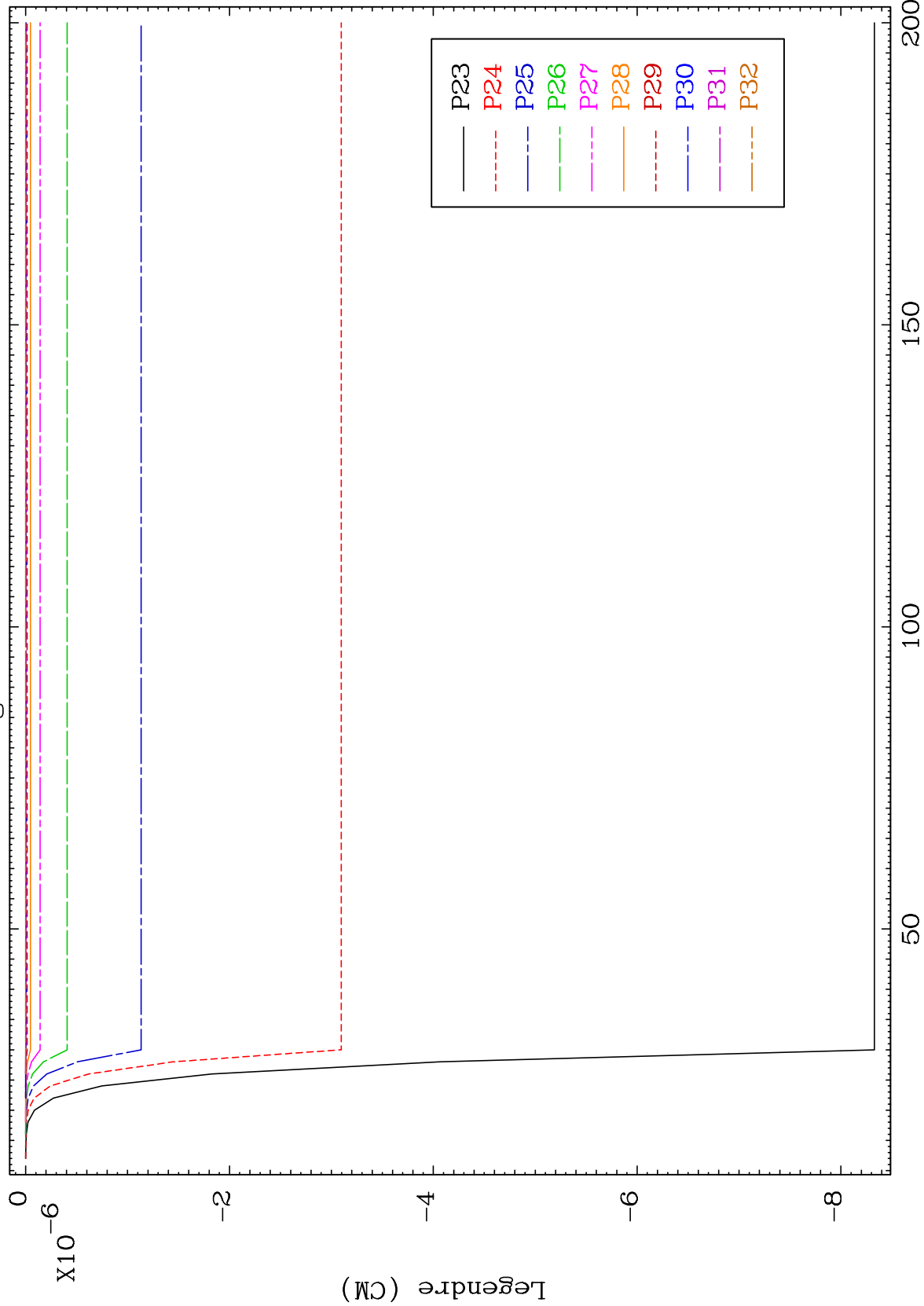
Incident Energy (MeV)

23-V -54



MAT 2337 MT= 58 (n,n') Level 23-V -54

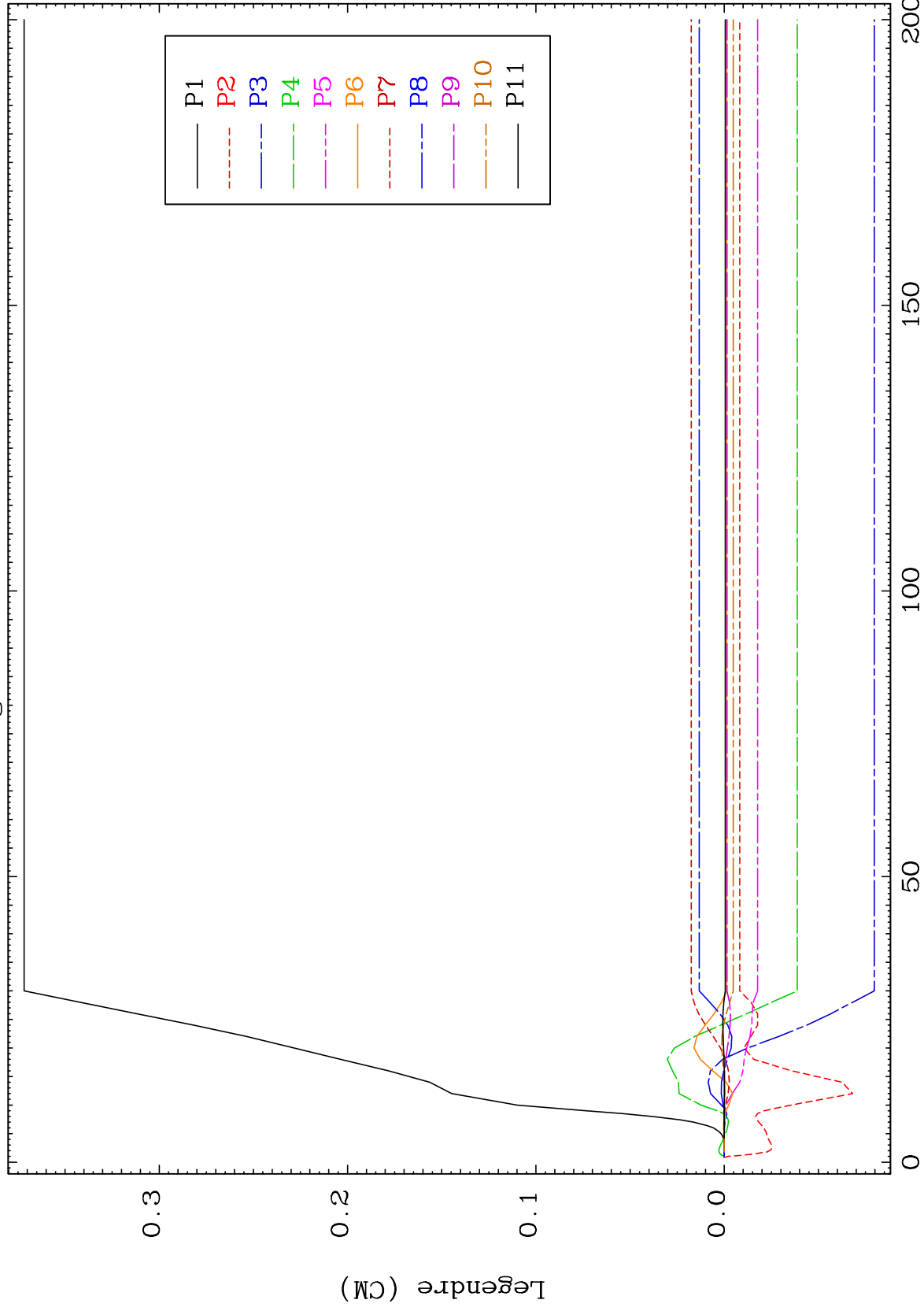
Legendre Coefficients



MAT 2337

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

23-V -54



42

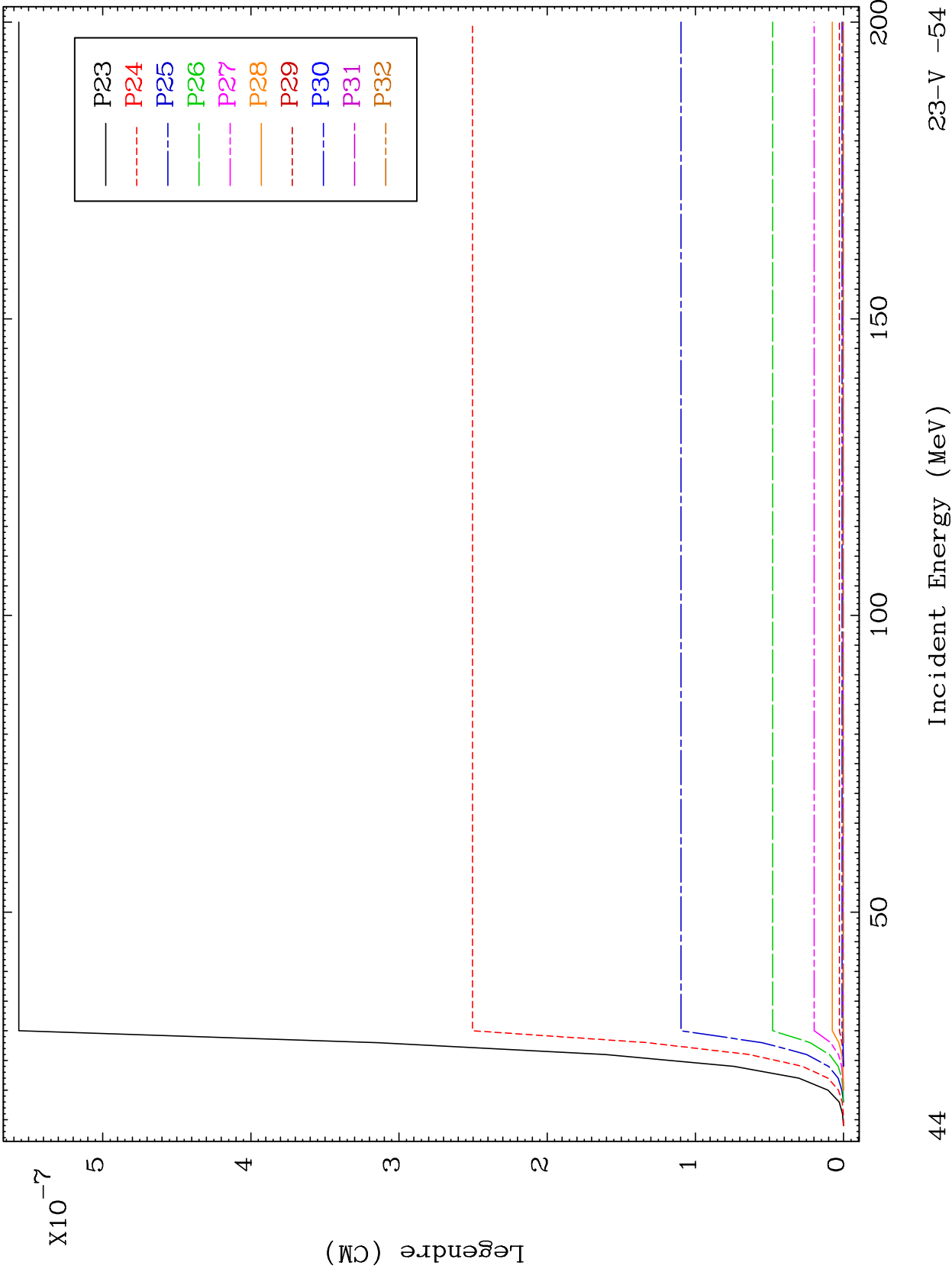
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



44

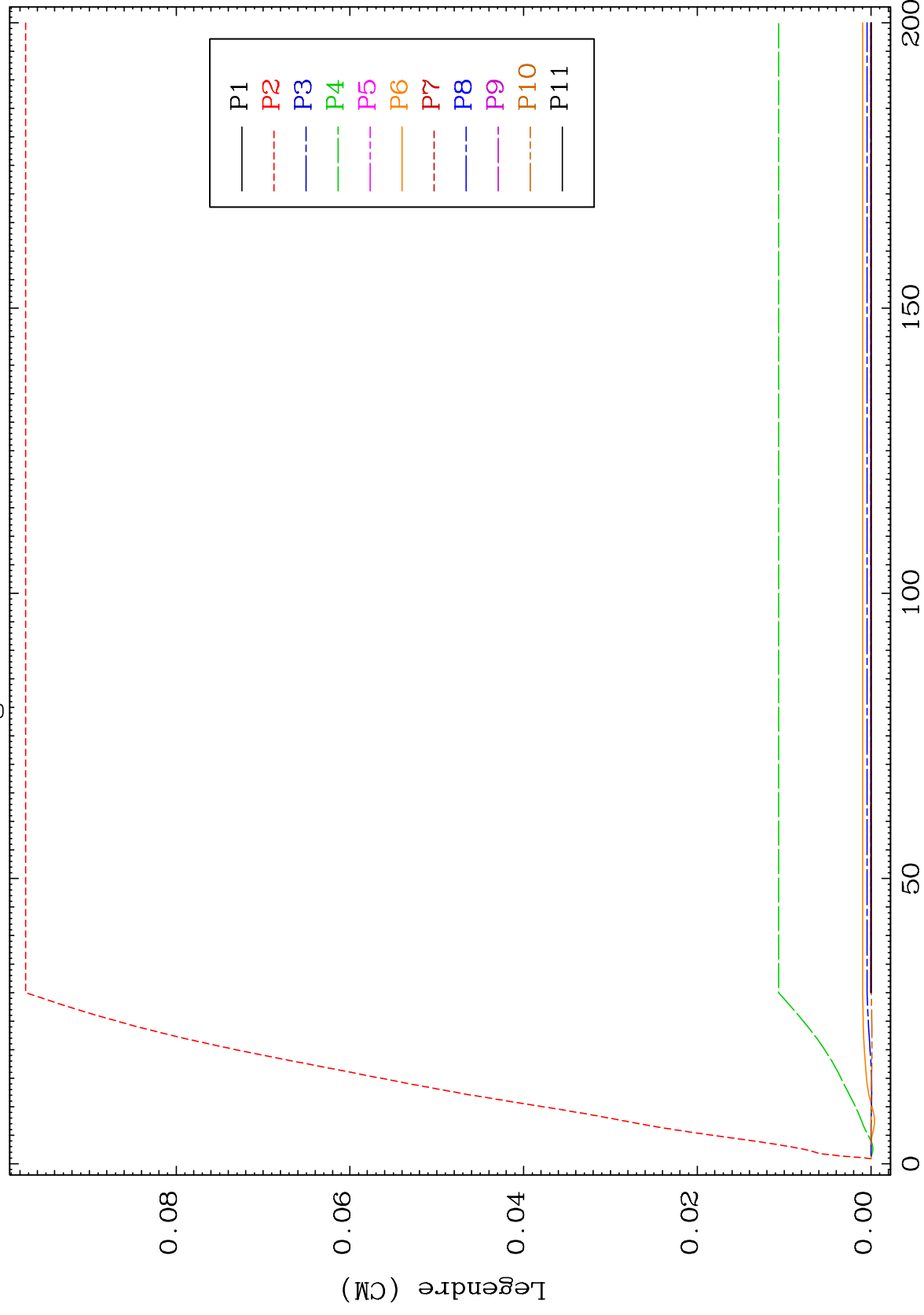
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



23-V -54

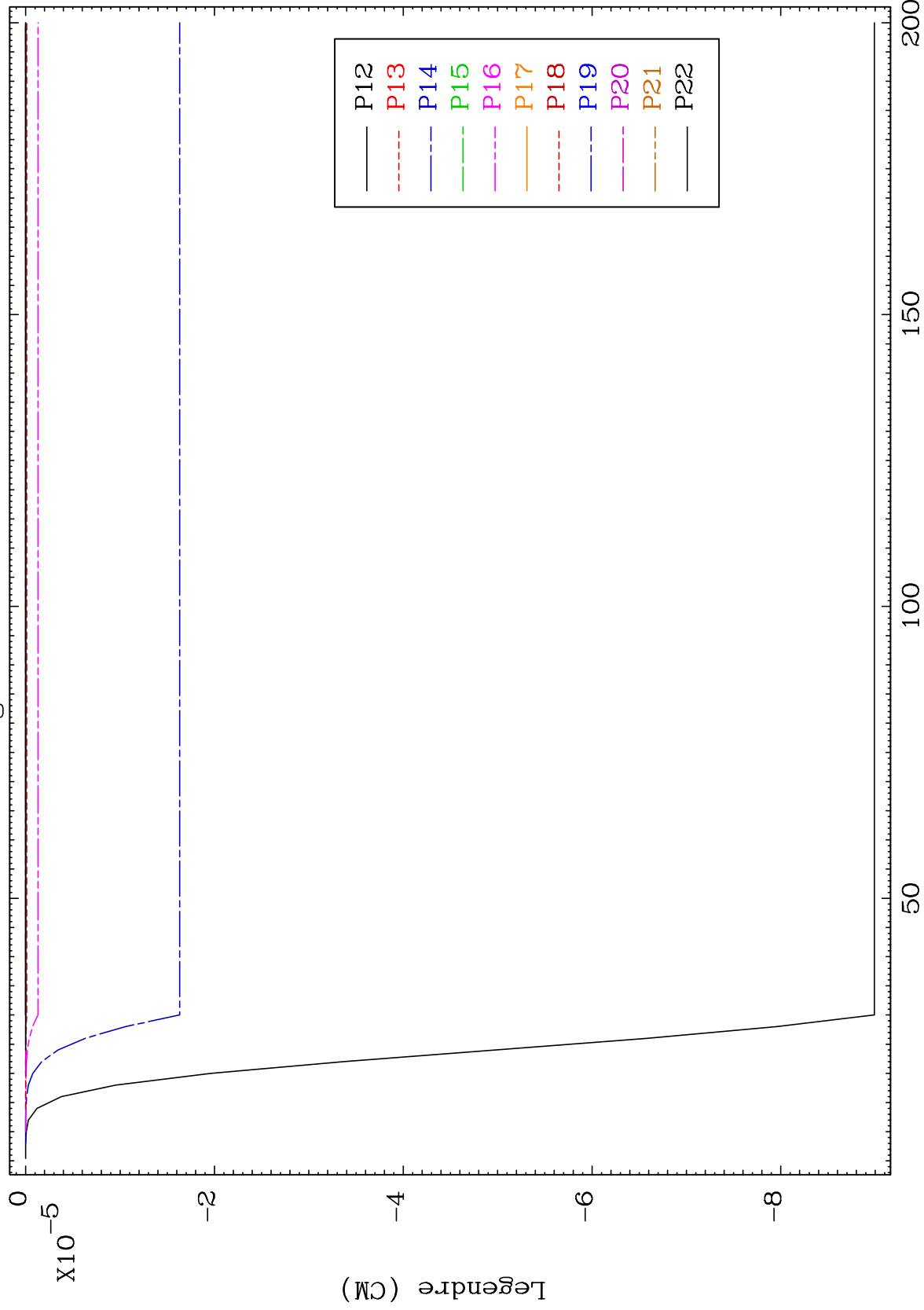
Incident Energy (MeV)

45

MAT 2337

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

23-V -54



46

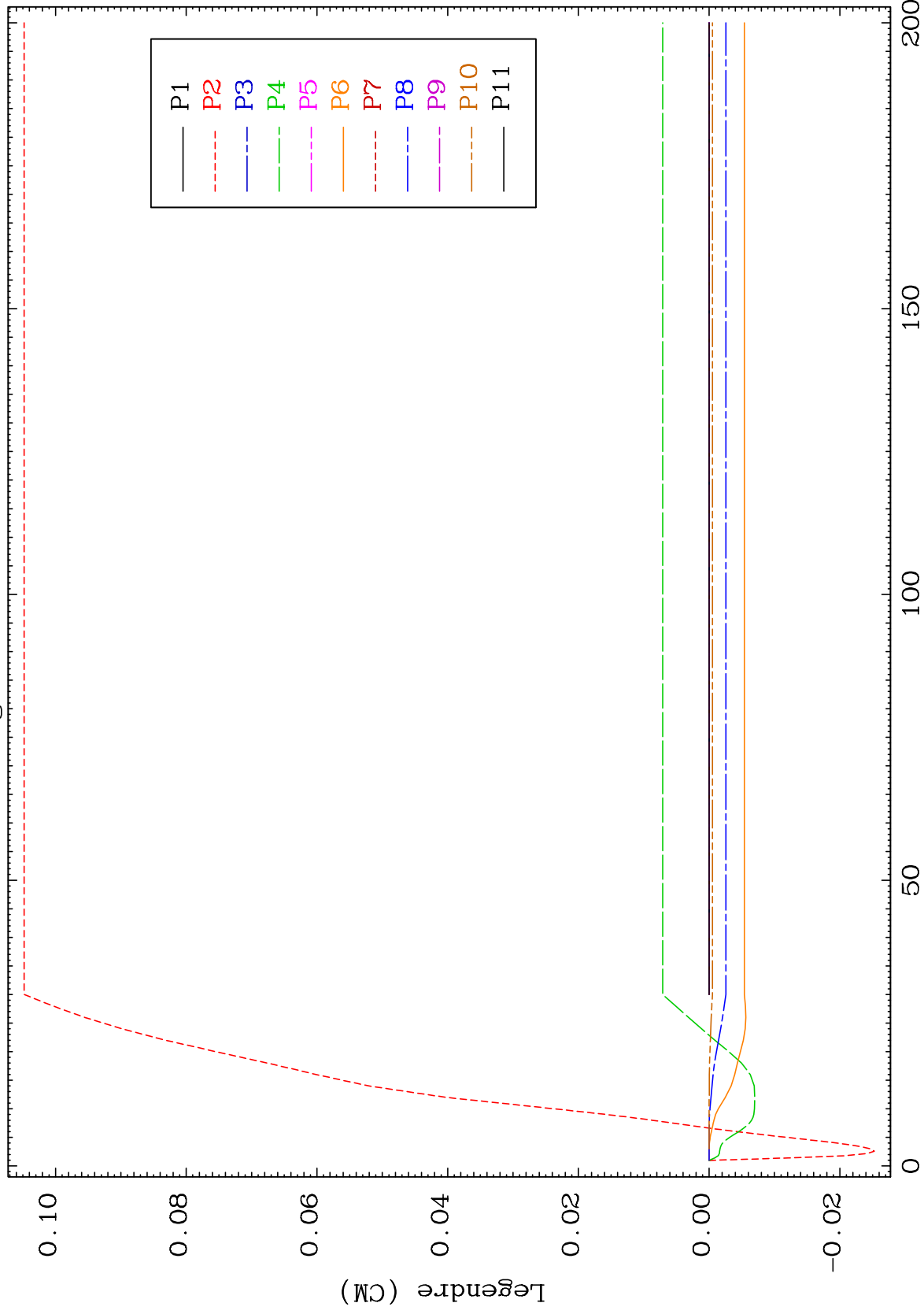
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



47

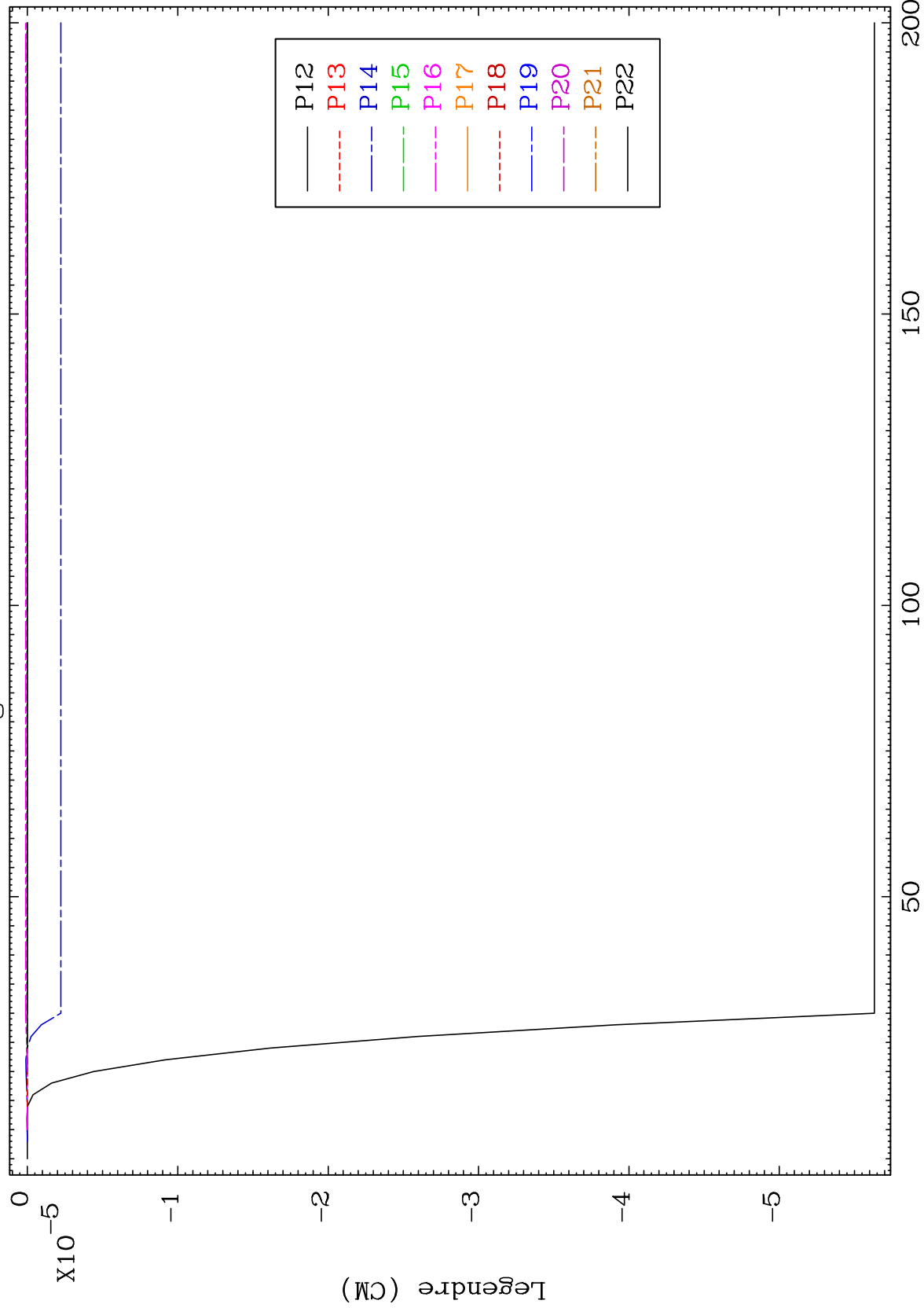
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



48

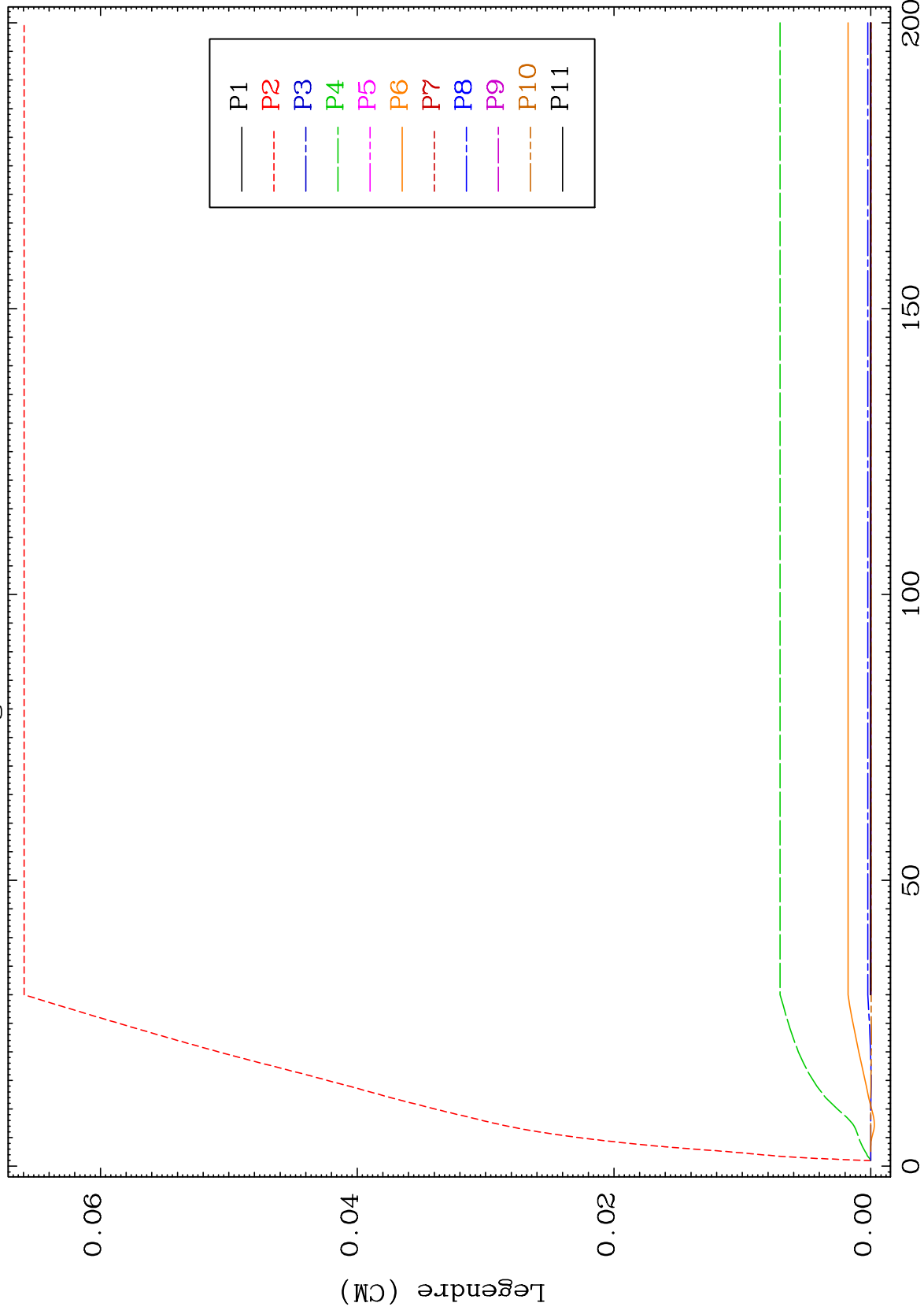
Incident Energy (MeV)

23-V -54

MAT 2337

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

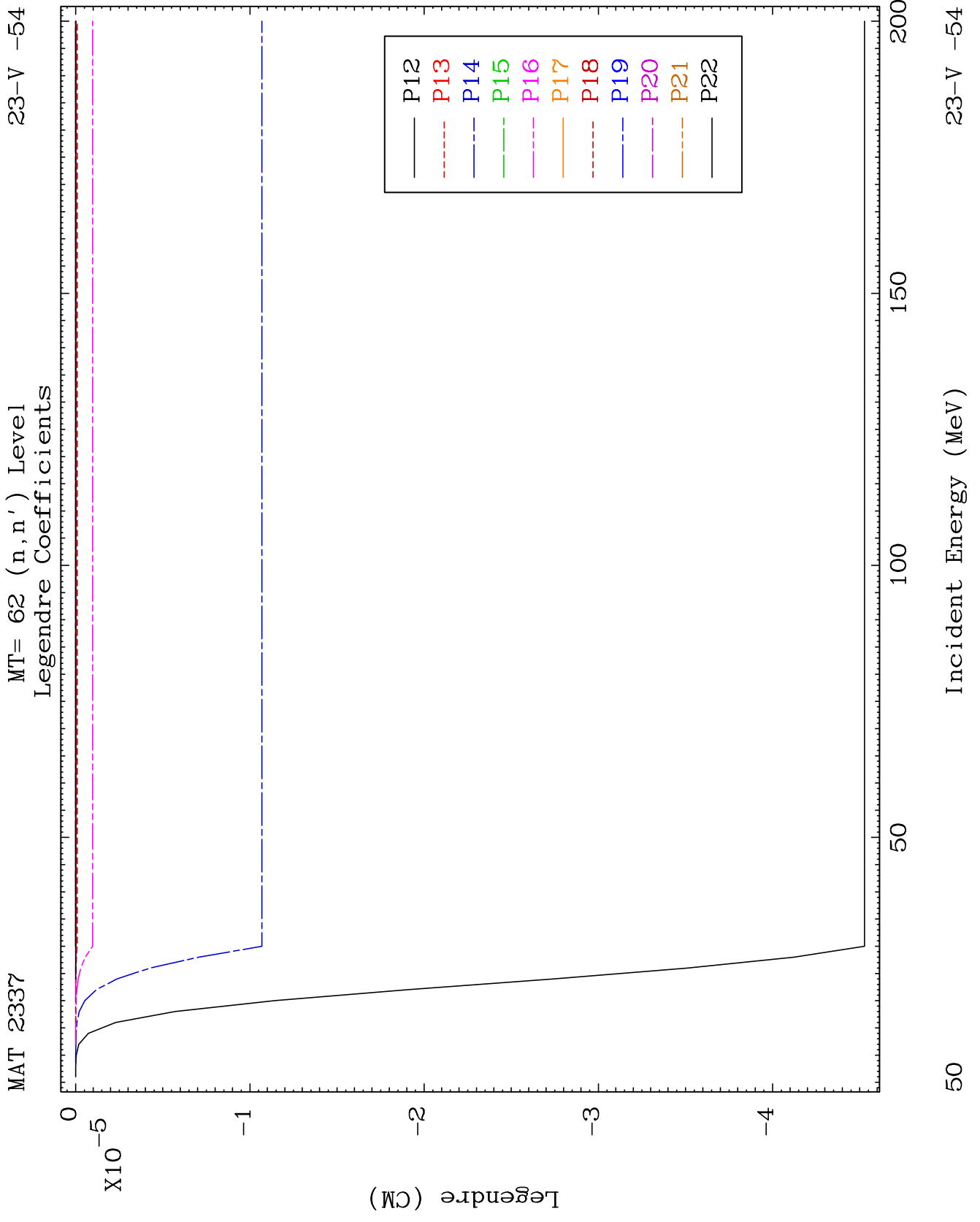
23-V -54



49

Incident Energy (MeV)

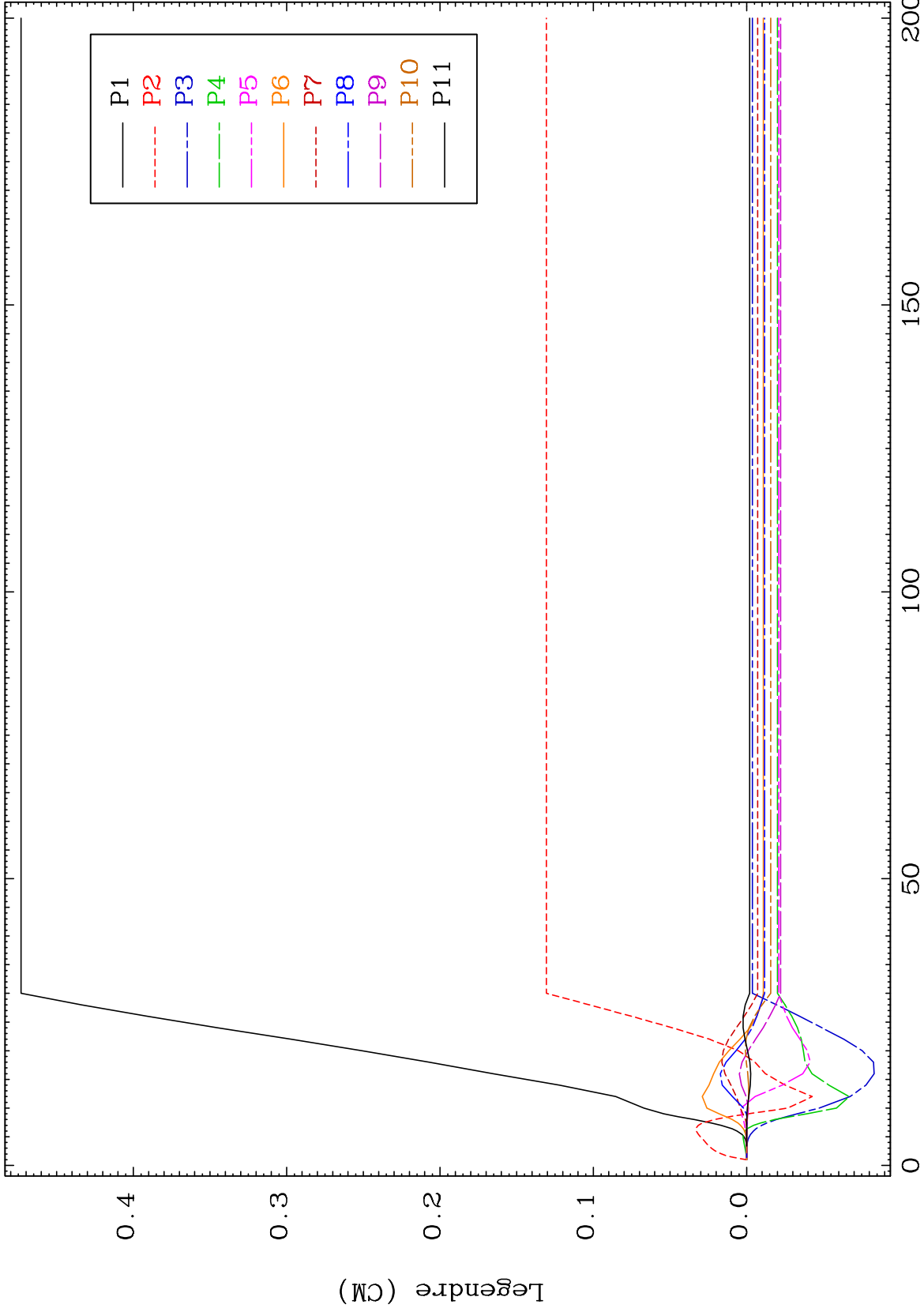
23-V -54



MAT 2337

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

23-V -54



51

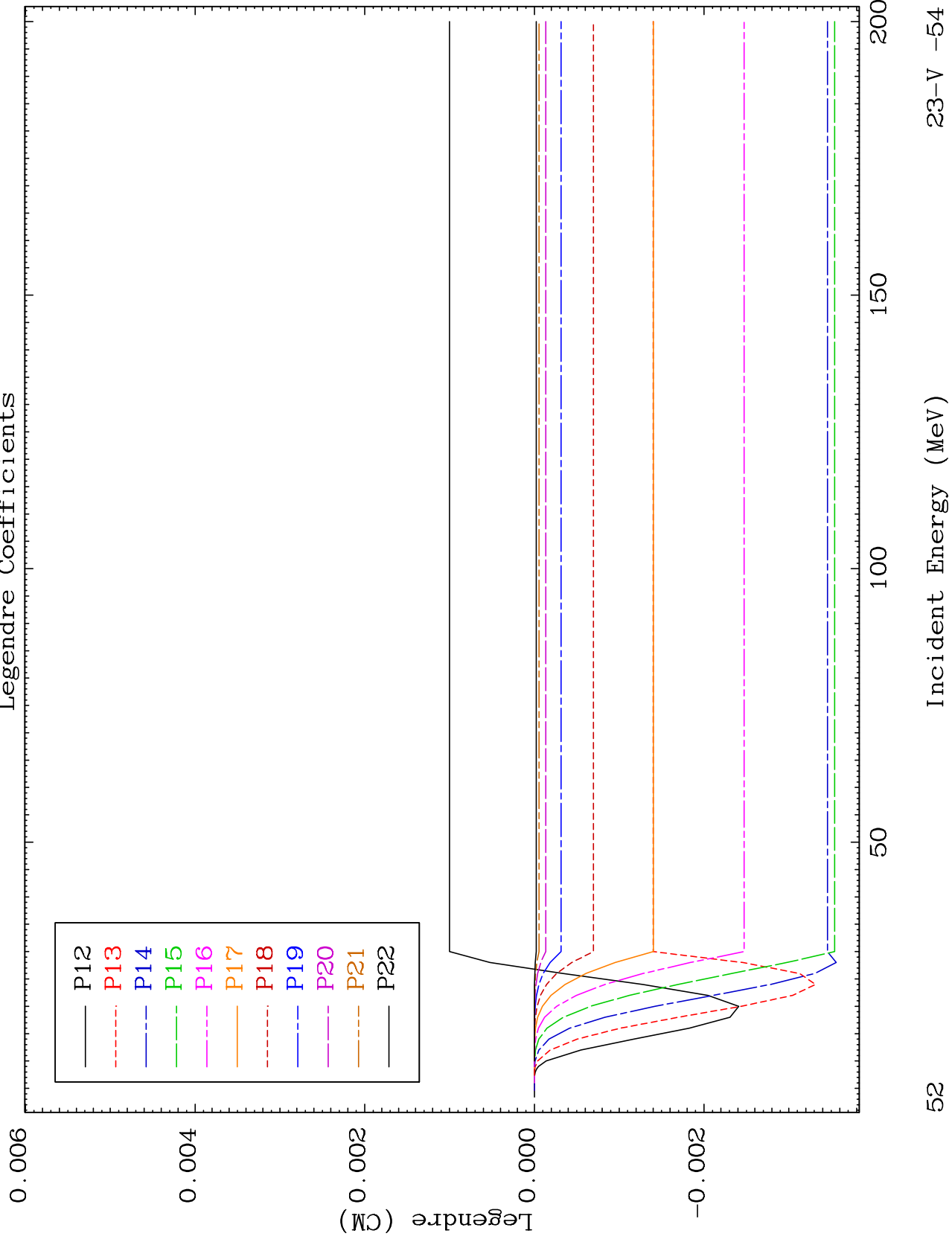
Incident Energy (MeV)

23-V -54

MAT 2337

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

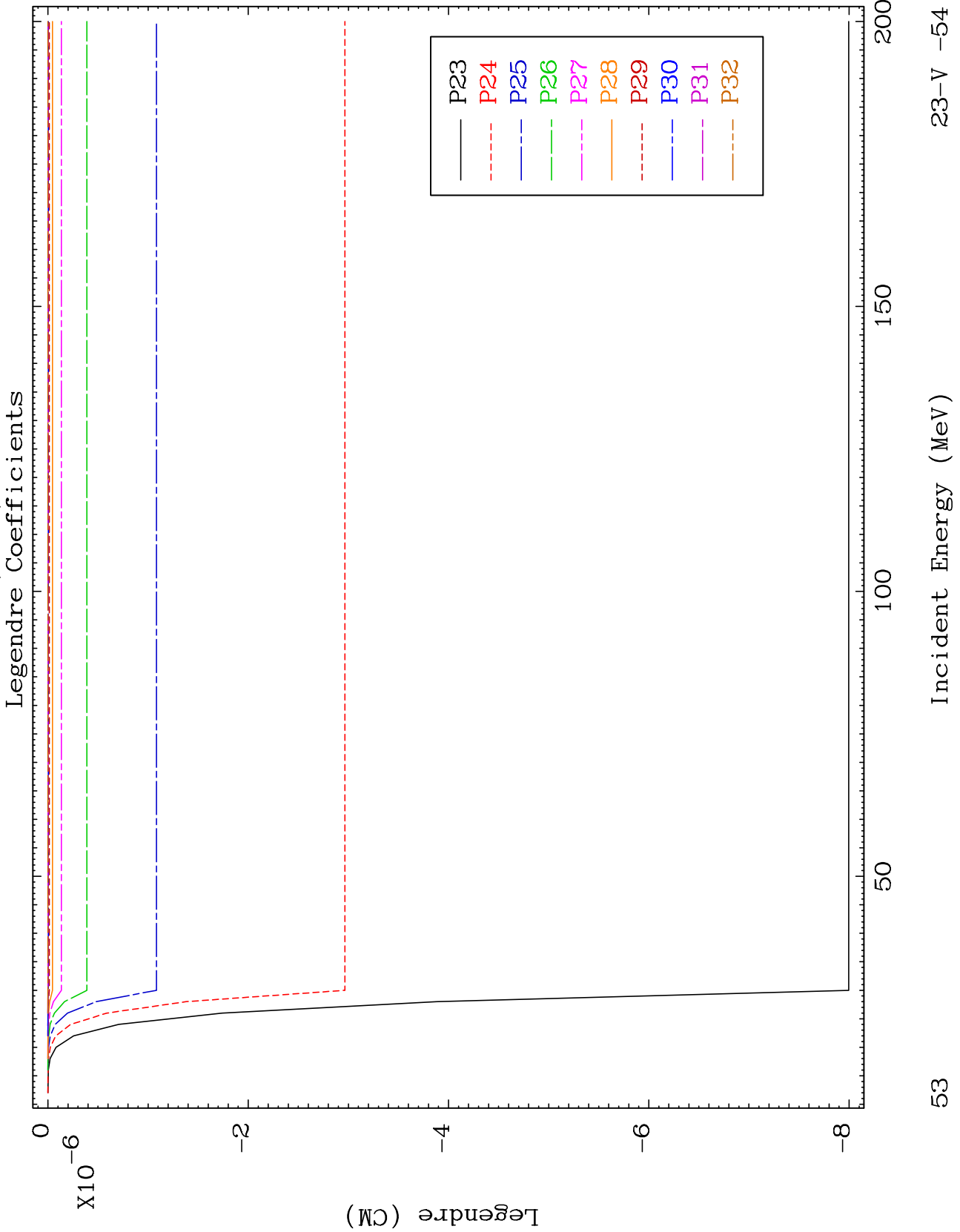
23-V -54



52

Incident Energy (MeV)

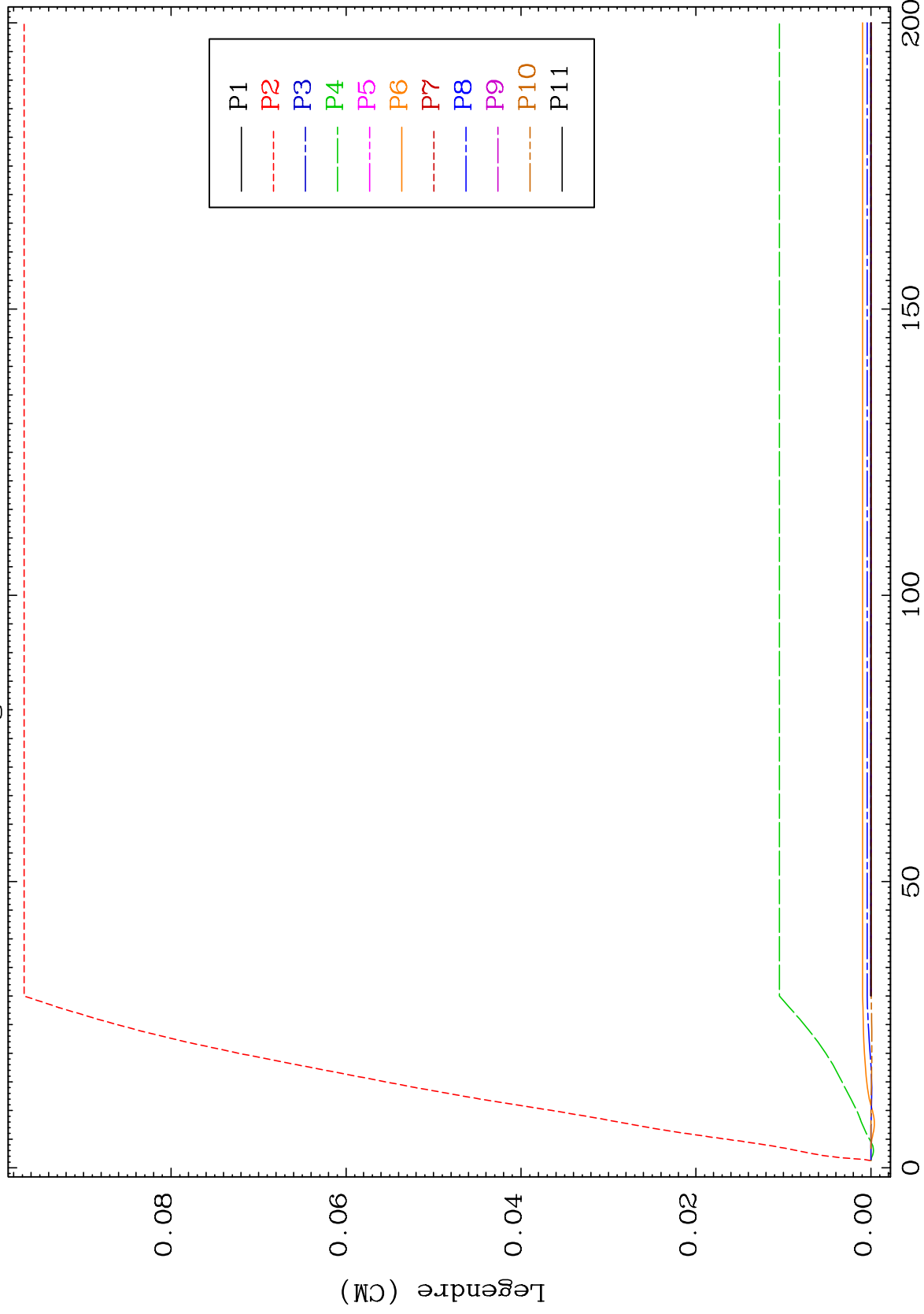
23-V -54



MAT 2337

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

23-V -54



54

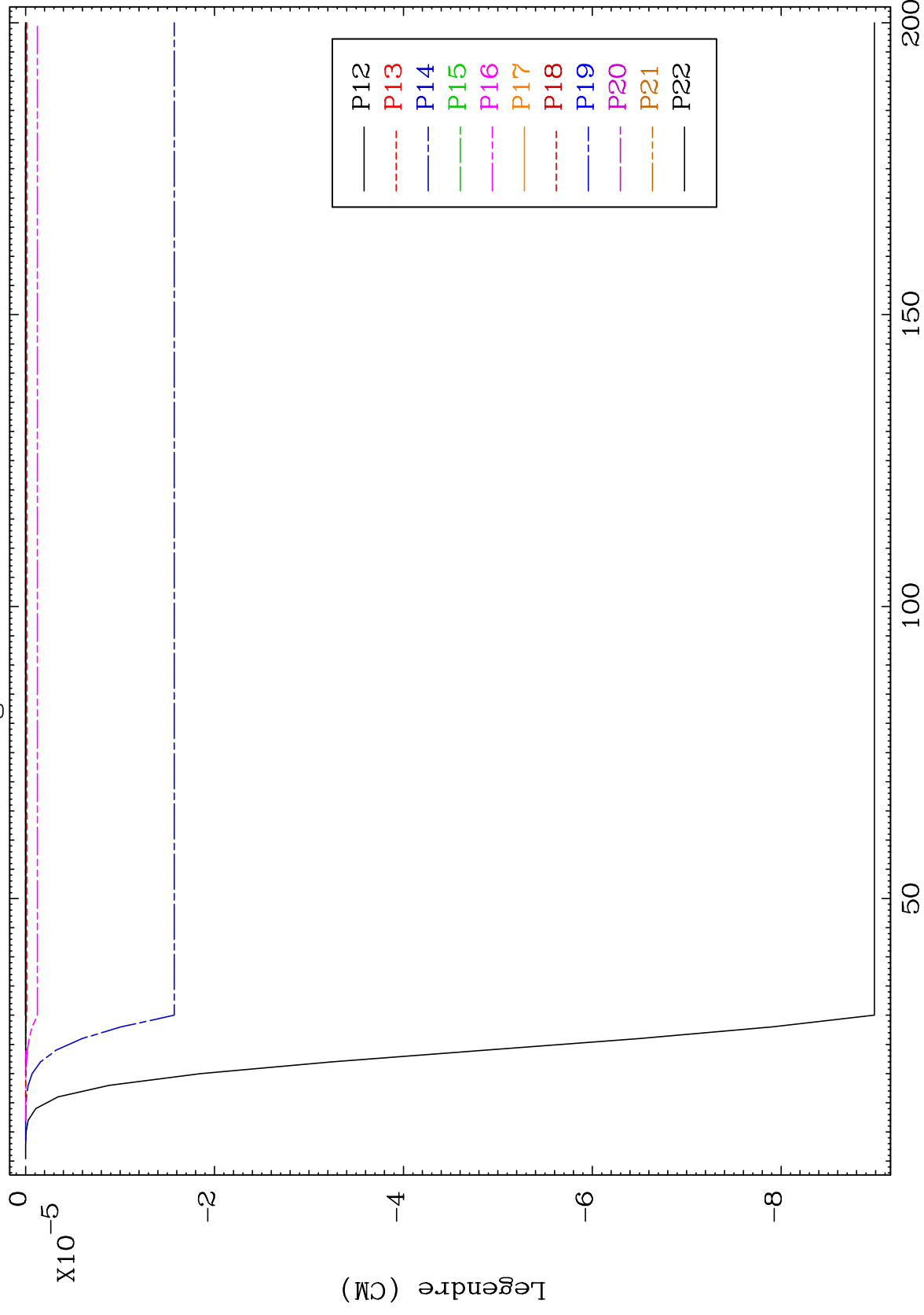
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



55

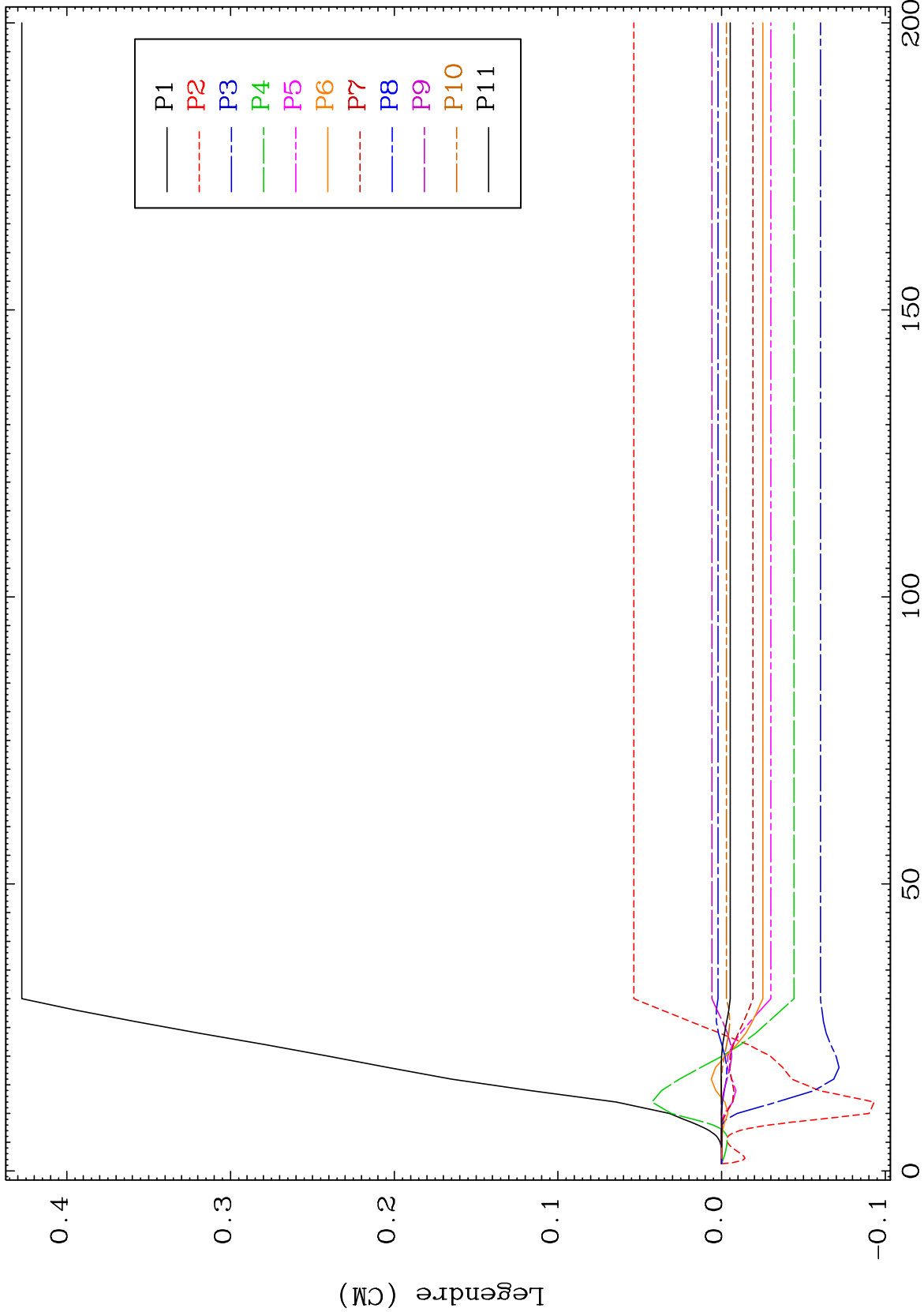
Incident Energy (MeV)

23-V -54

MAT 2337

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

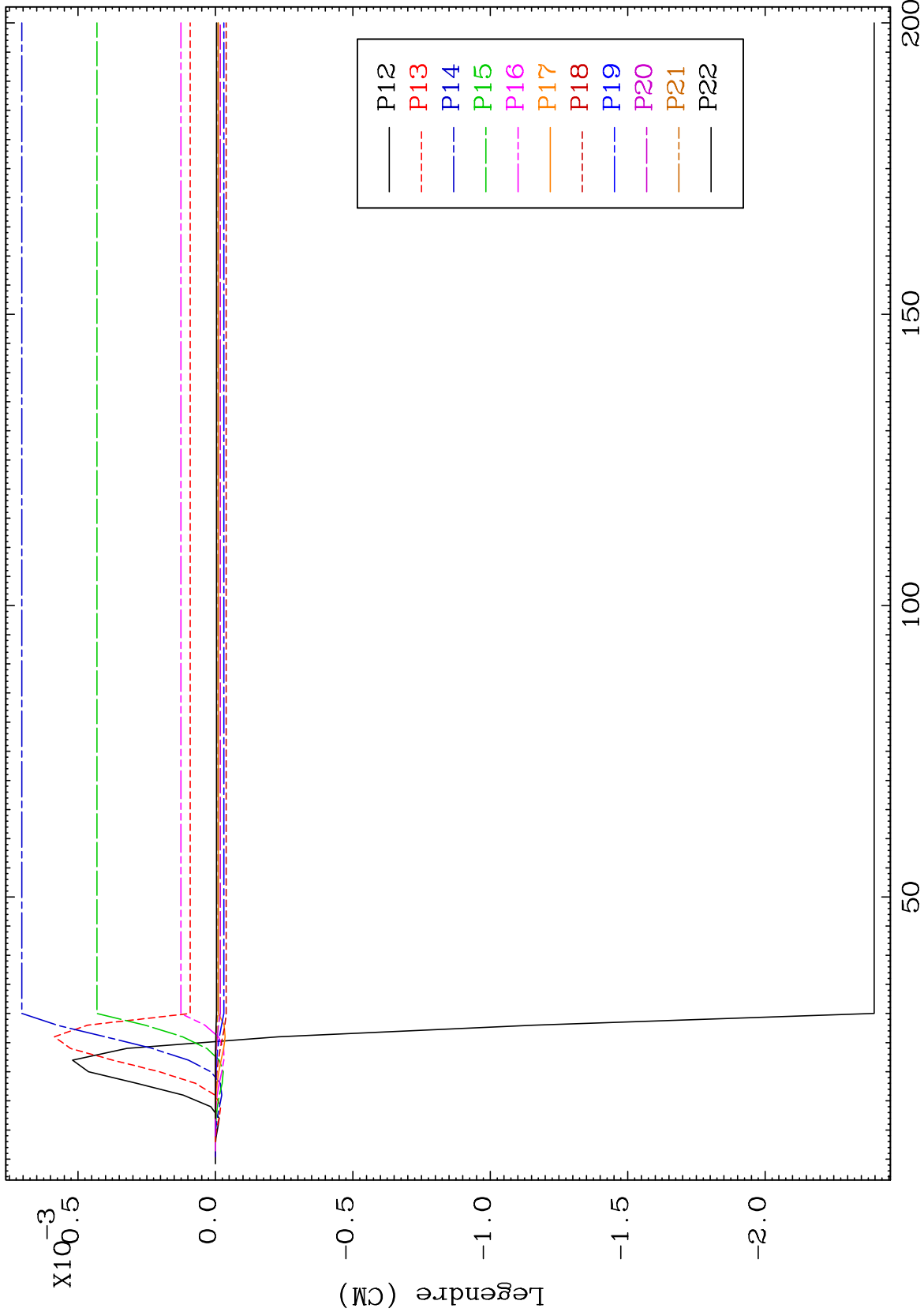
23-V -54

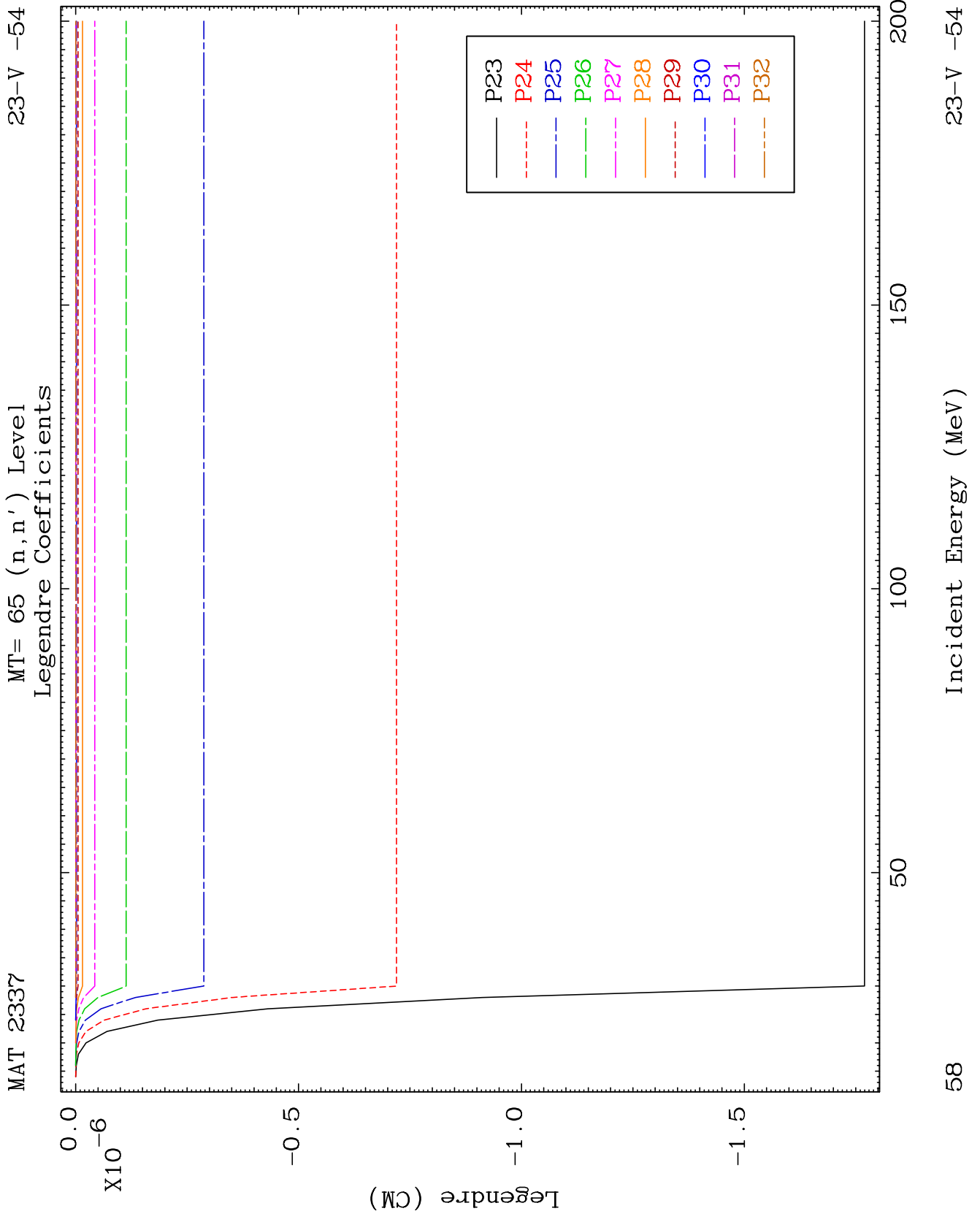


56

Incident Energy (MeV)

23-V -54

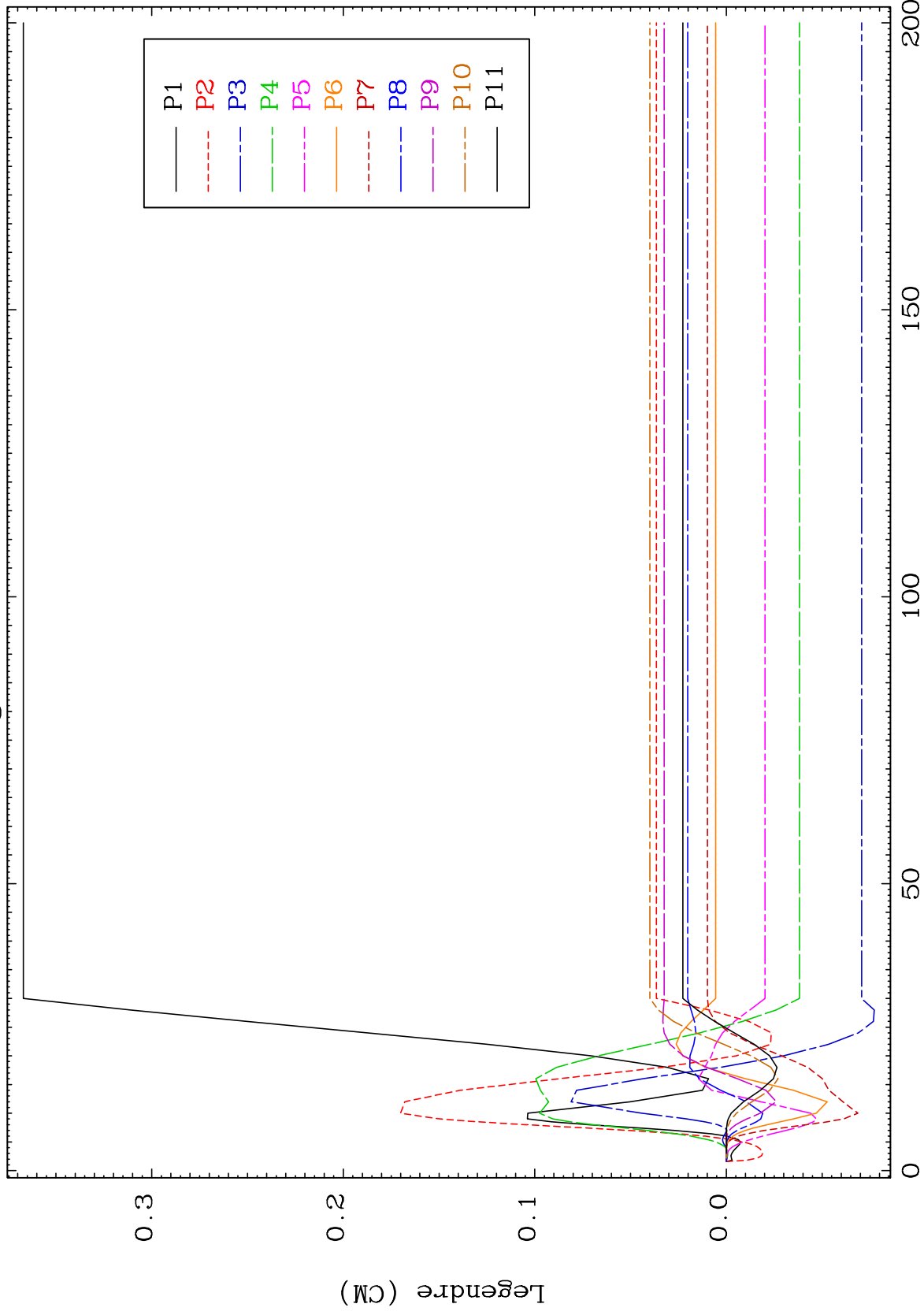




MAT 2337

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

23-V -54



59

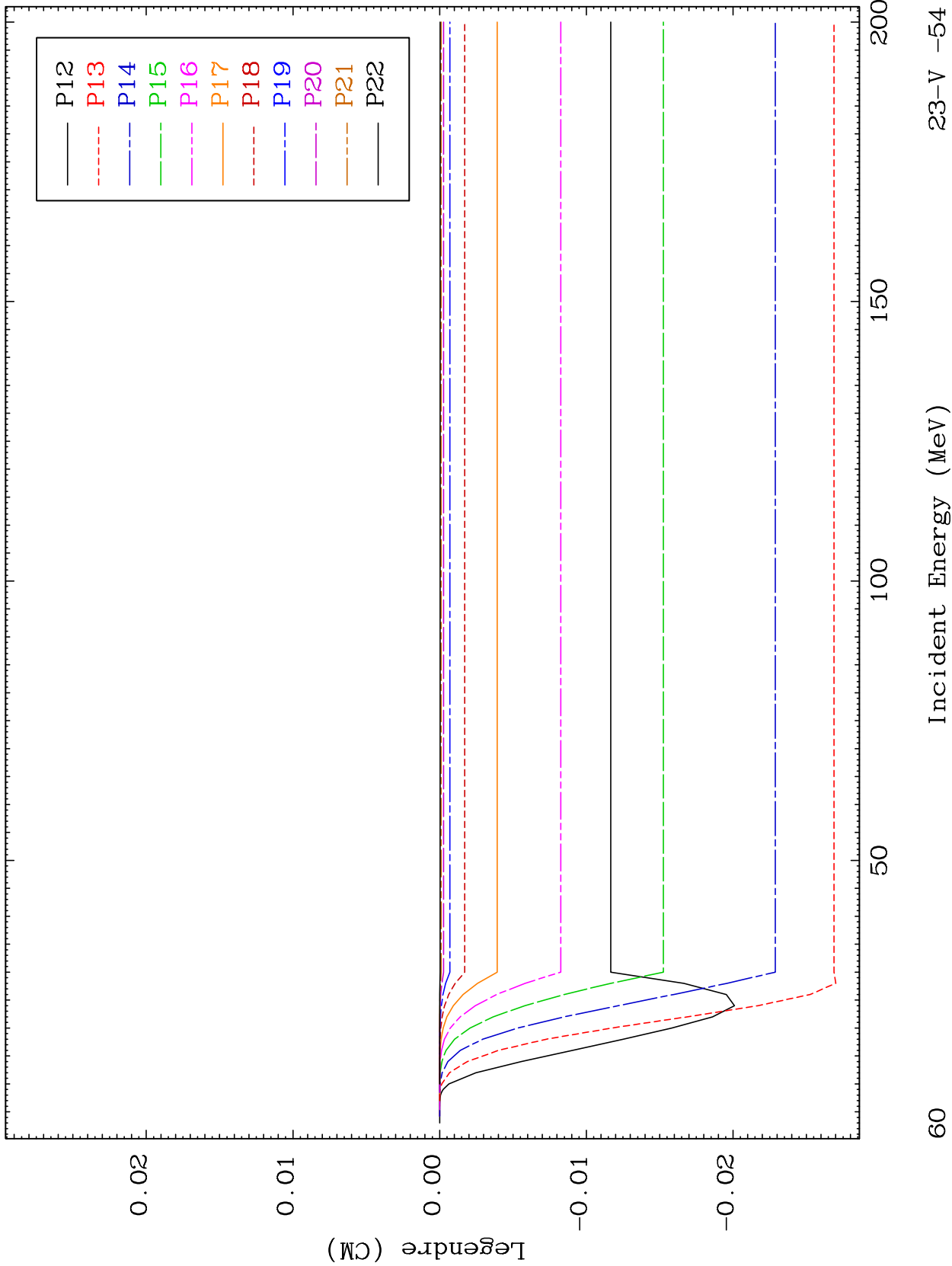
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



60

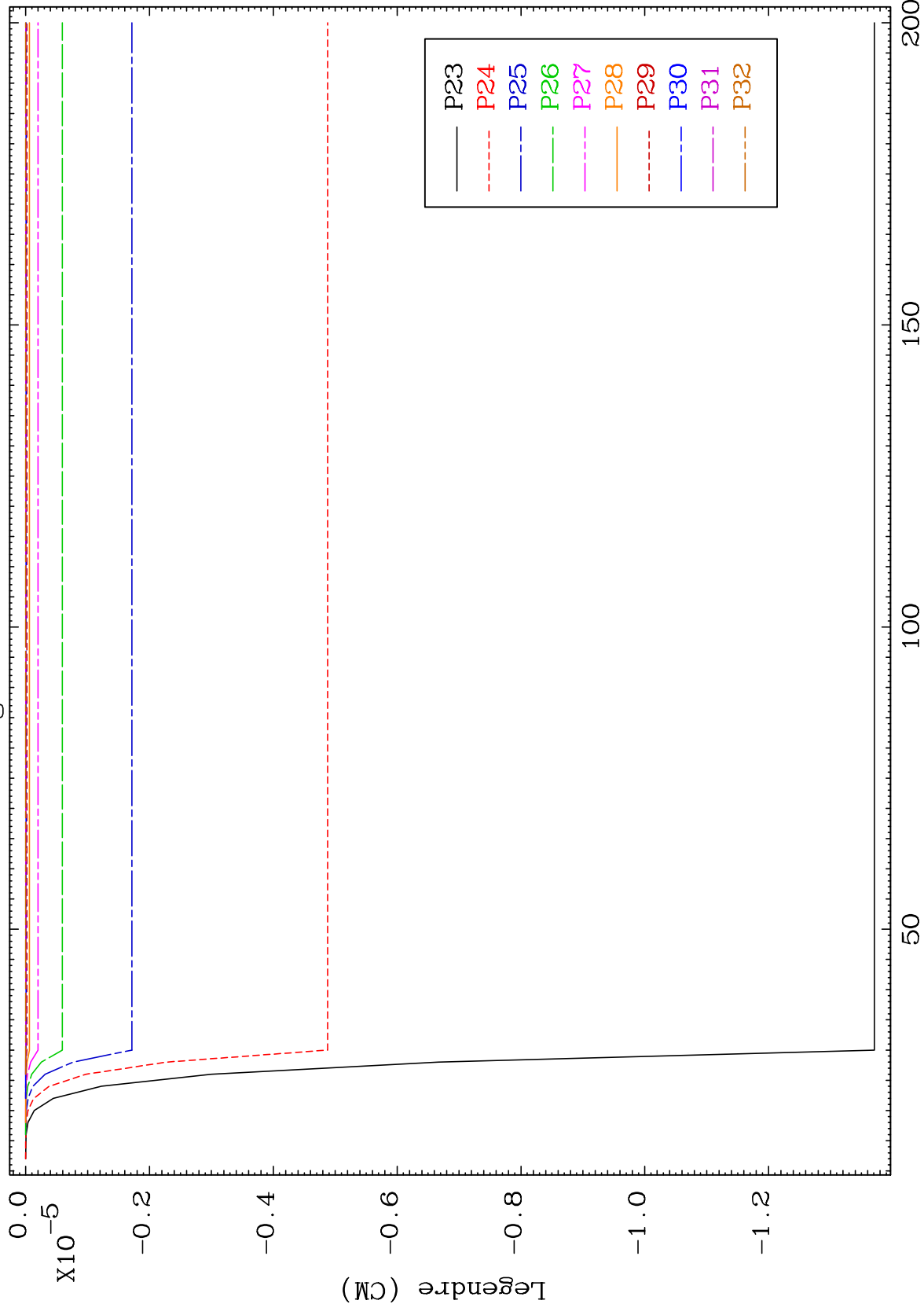
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



23-V -54

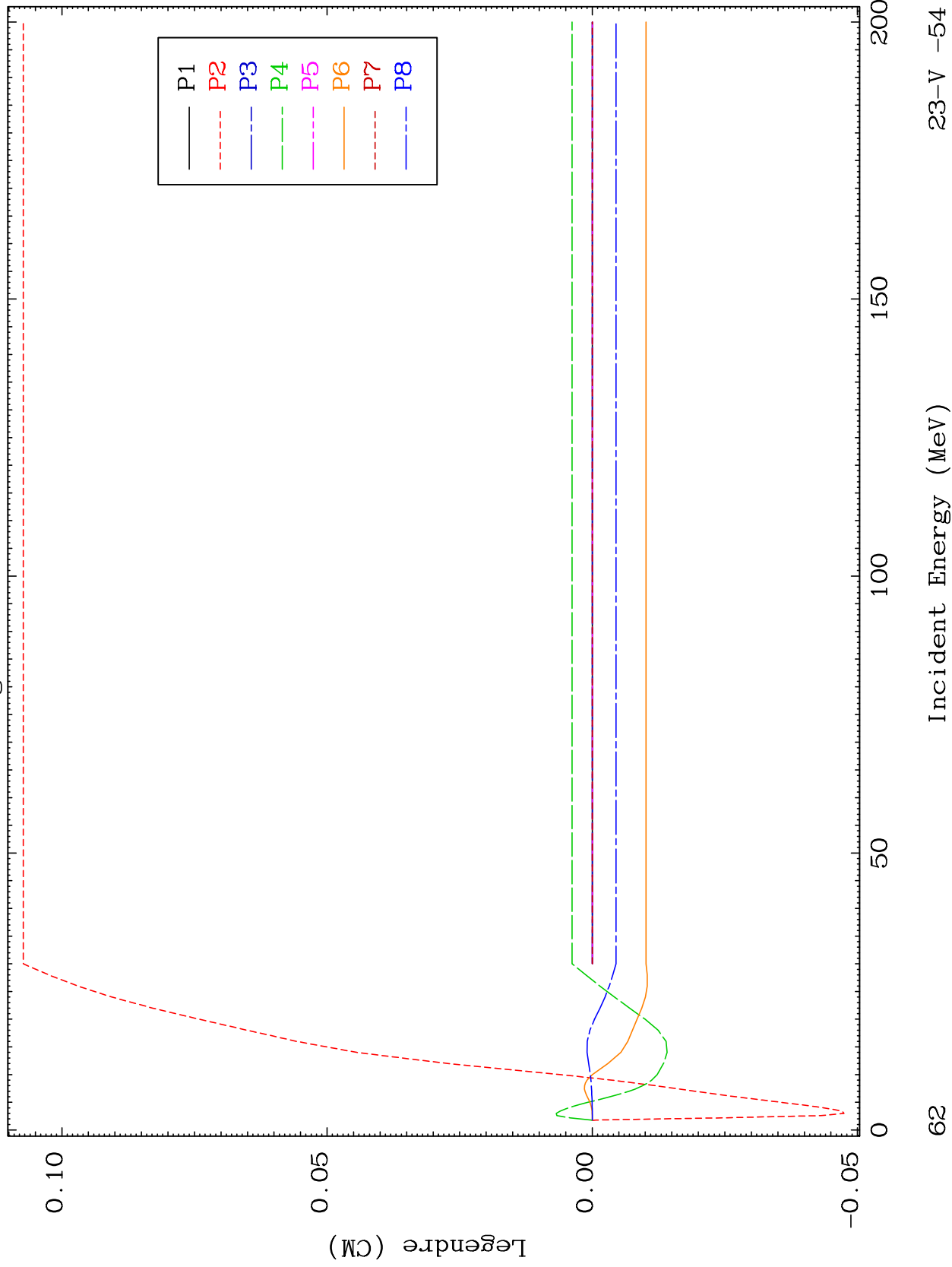
Incident Energy (MeV)

61

MAT 2337

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

23-V -54



23-V -54

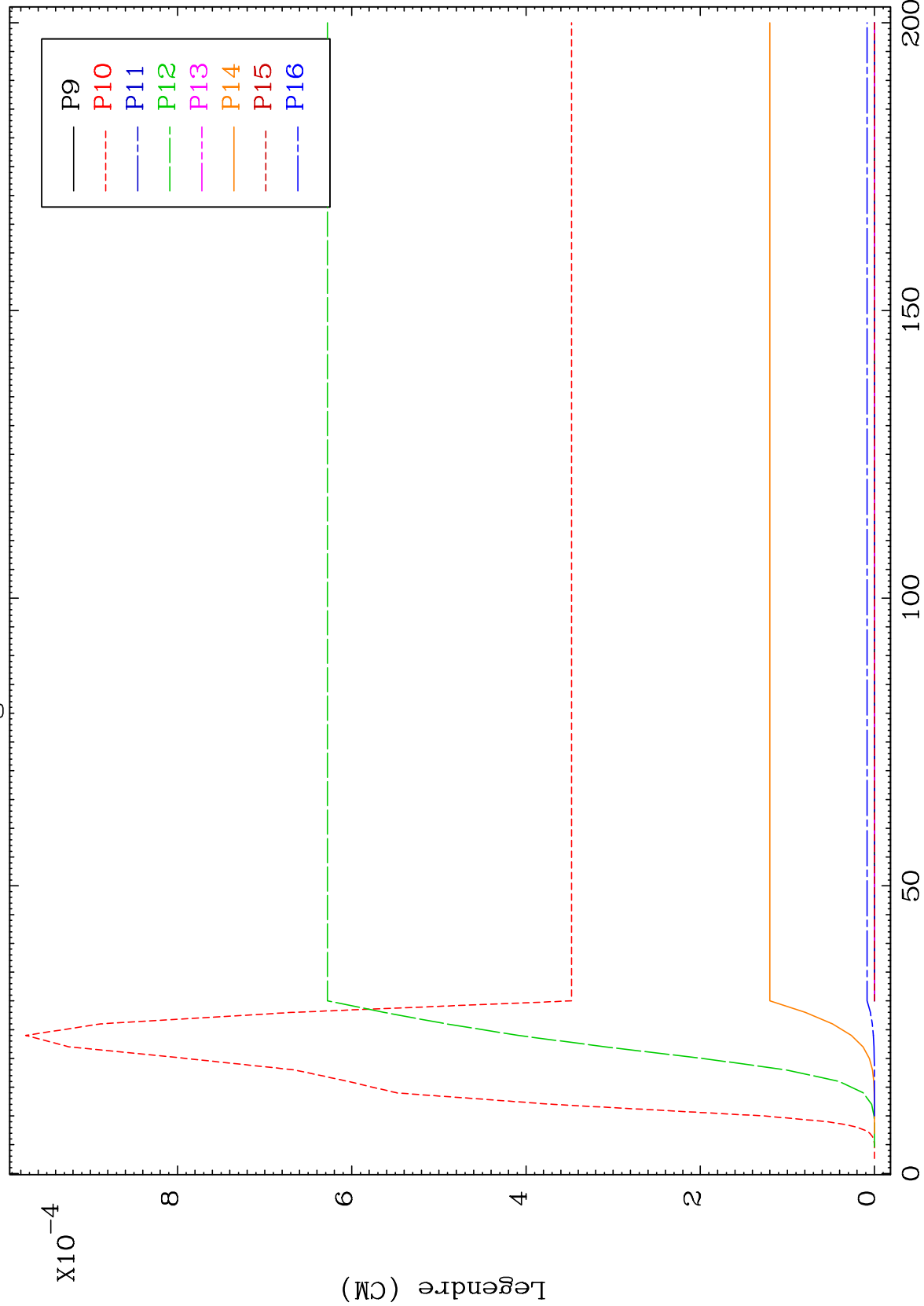
Incident Energy (MeV)

62

MAT 2337

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

23-V -54



63

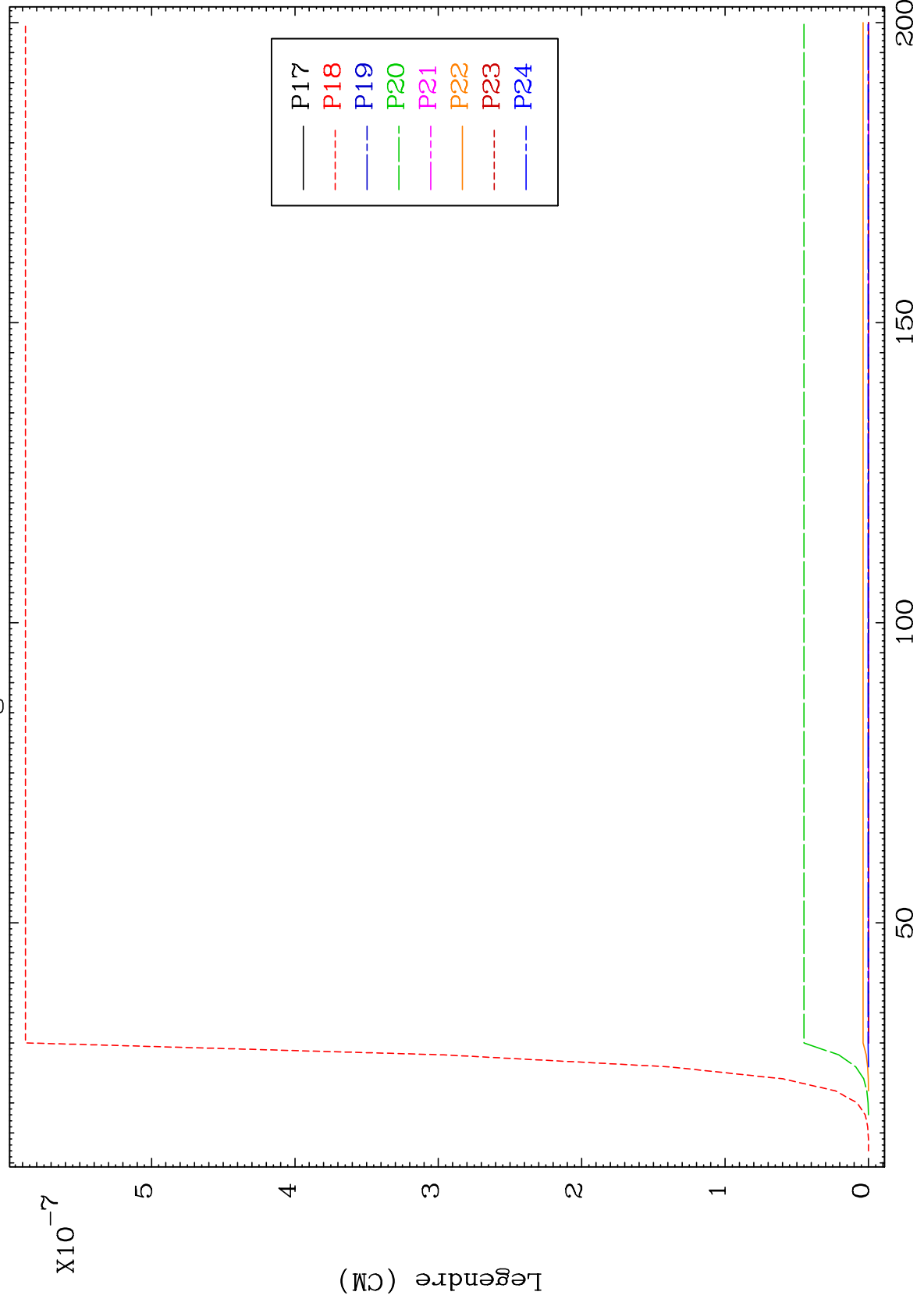
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



23-V -54

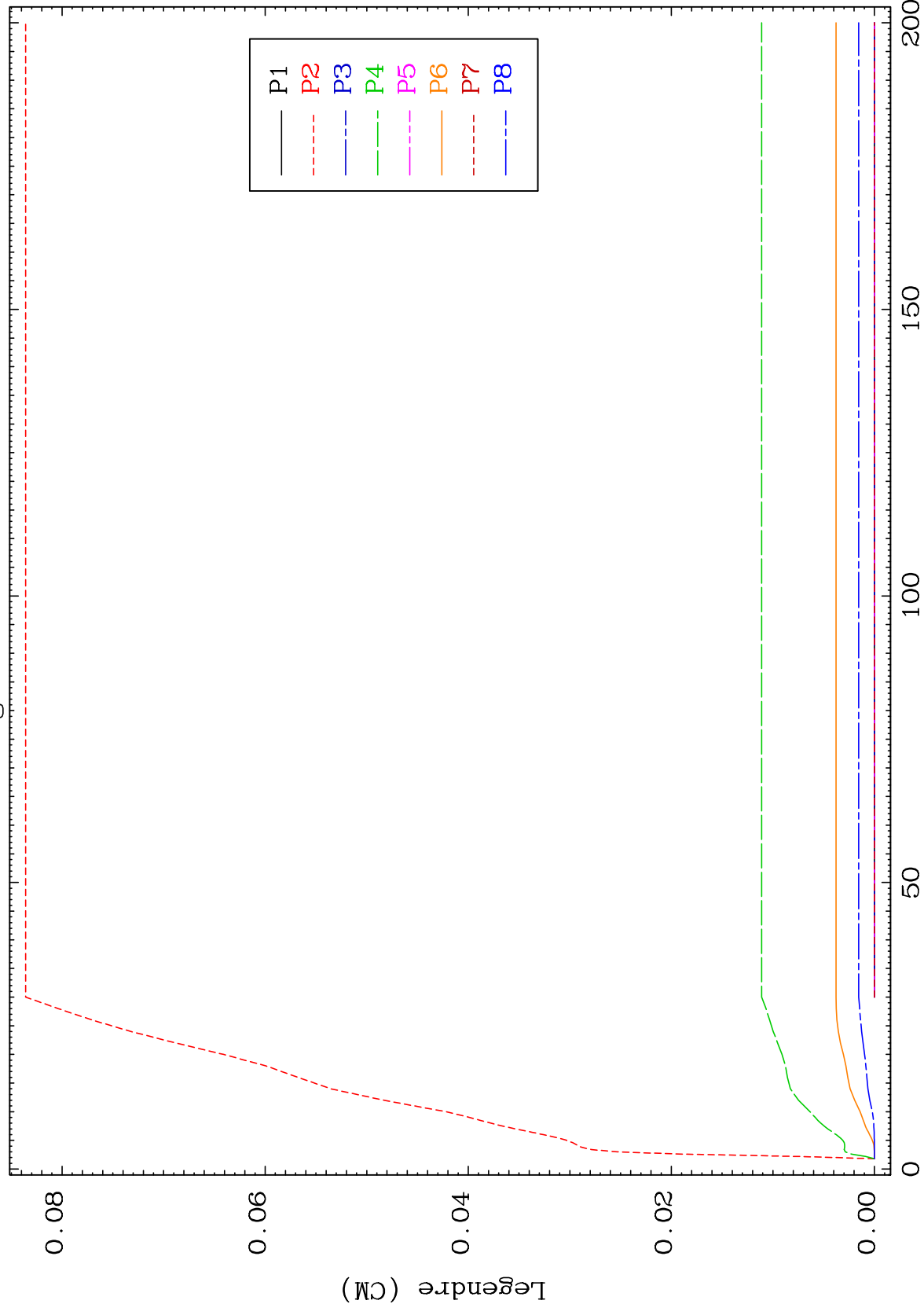
Incident Energy (MeV)

64

MAT 2337

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

23-V -54



65

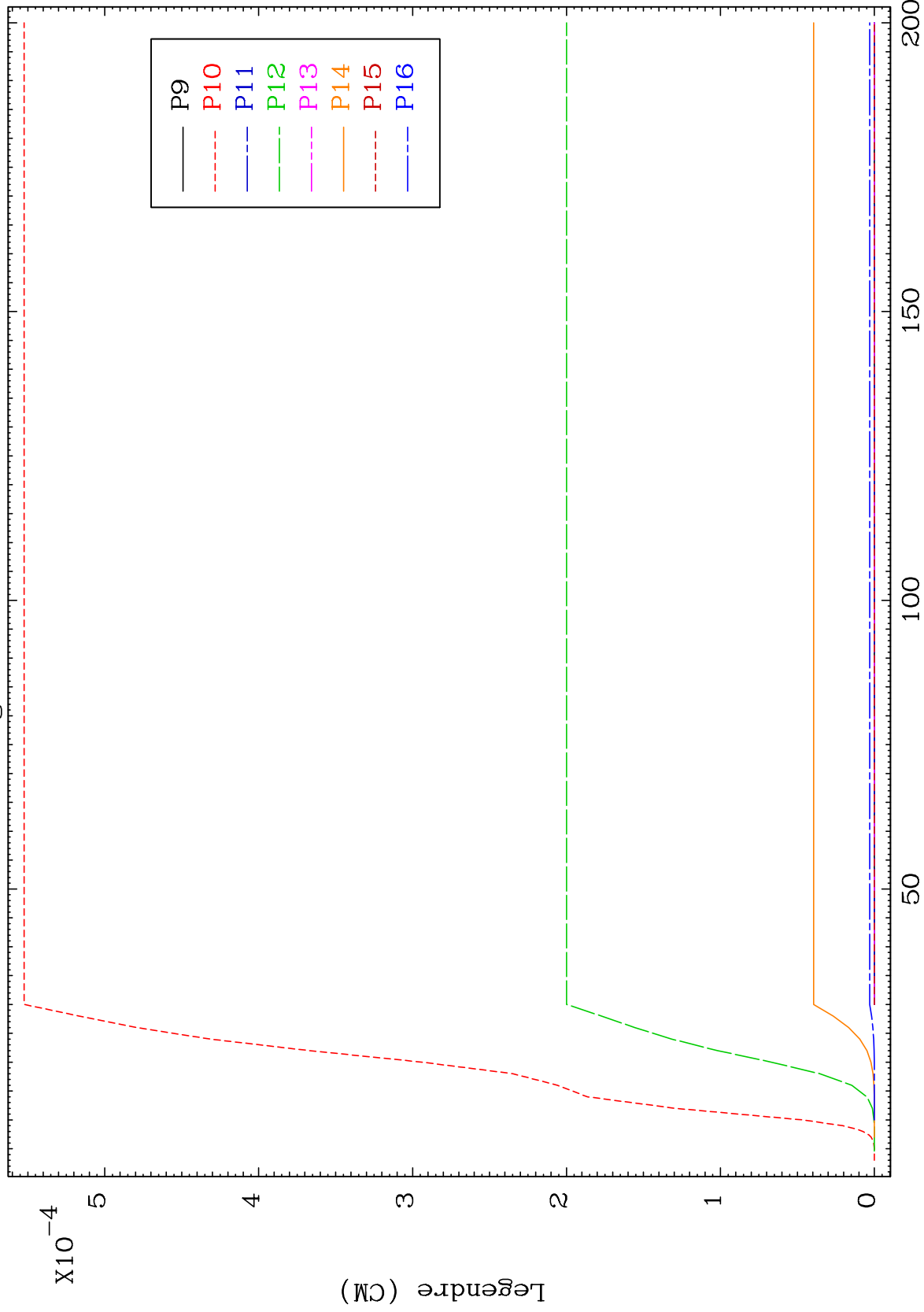
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



66

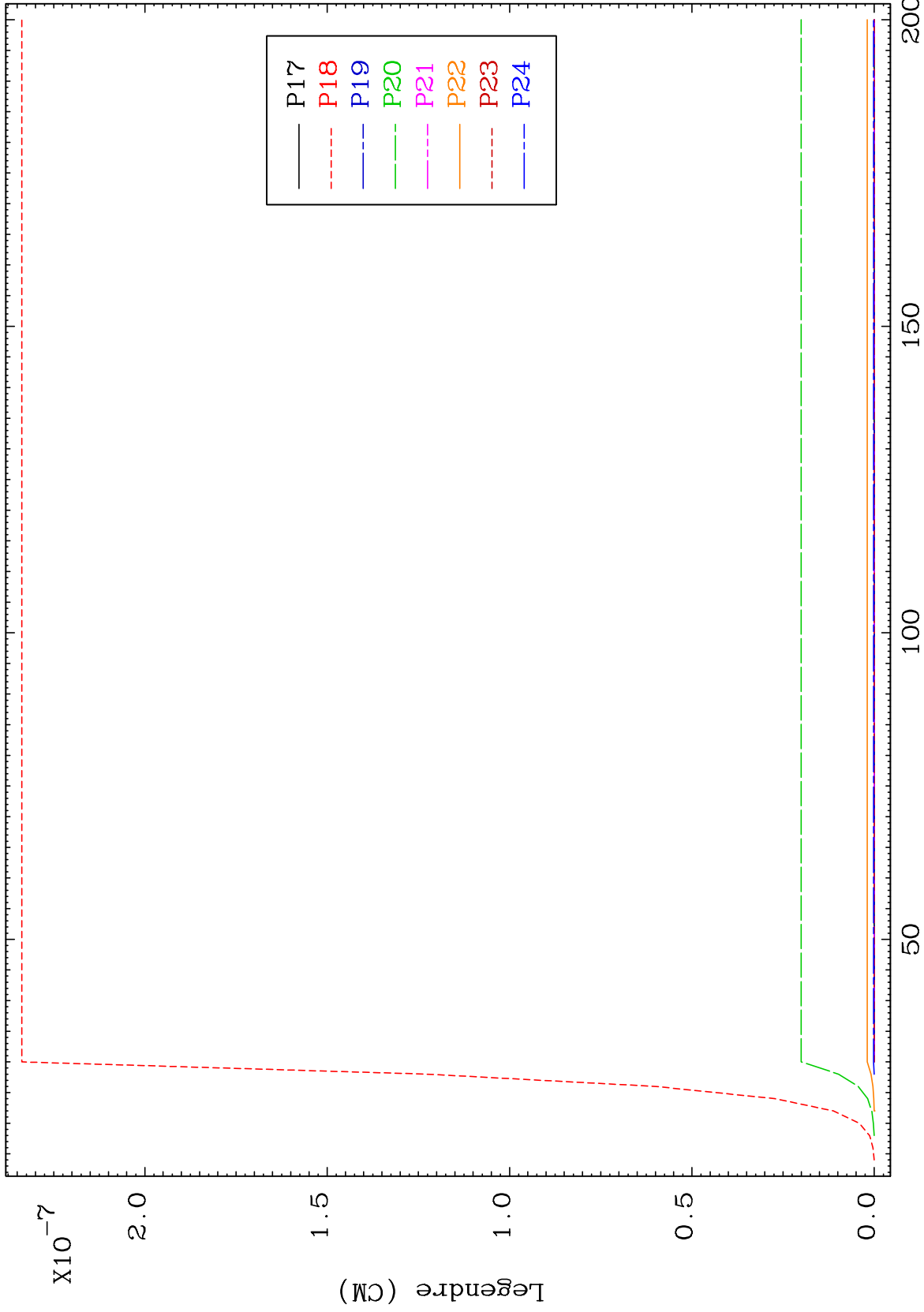
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



67

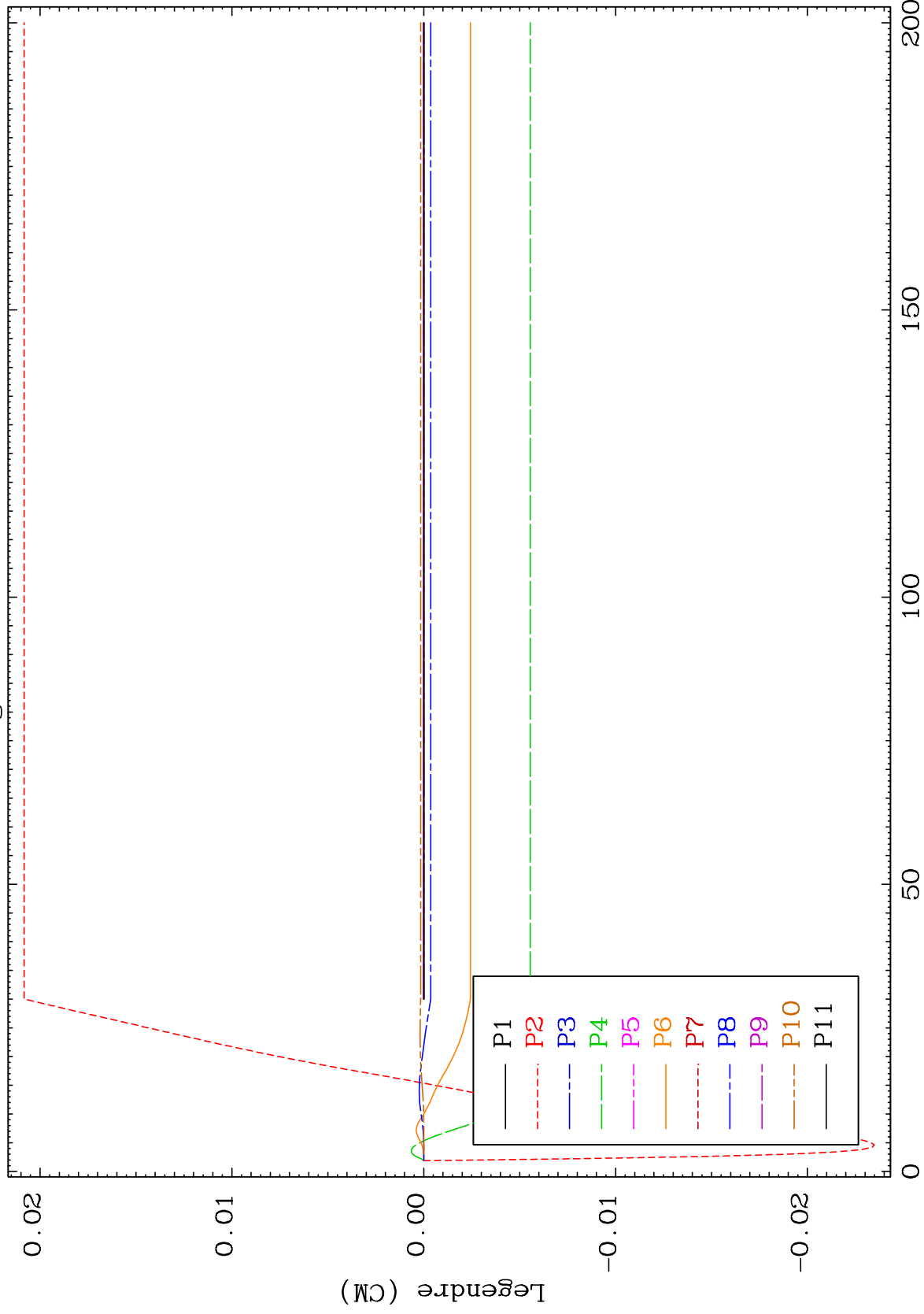
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



68

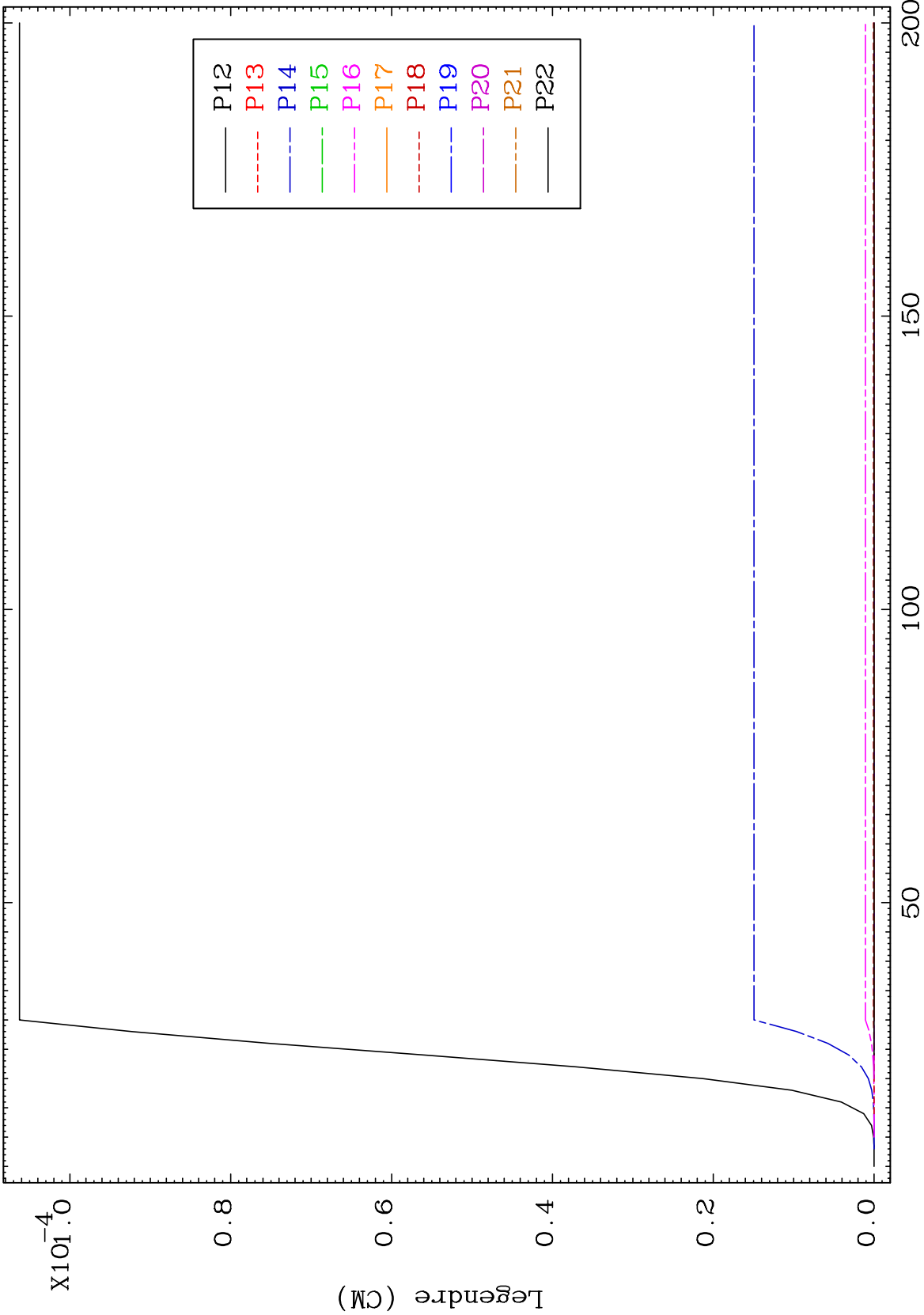
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



69

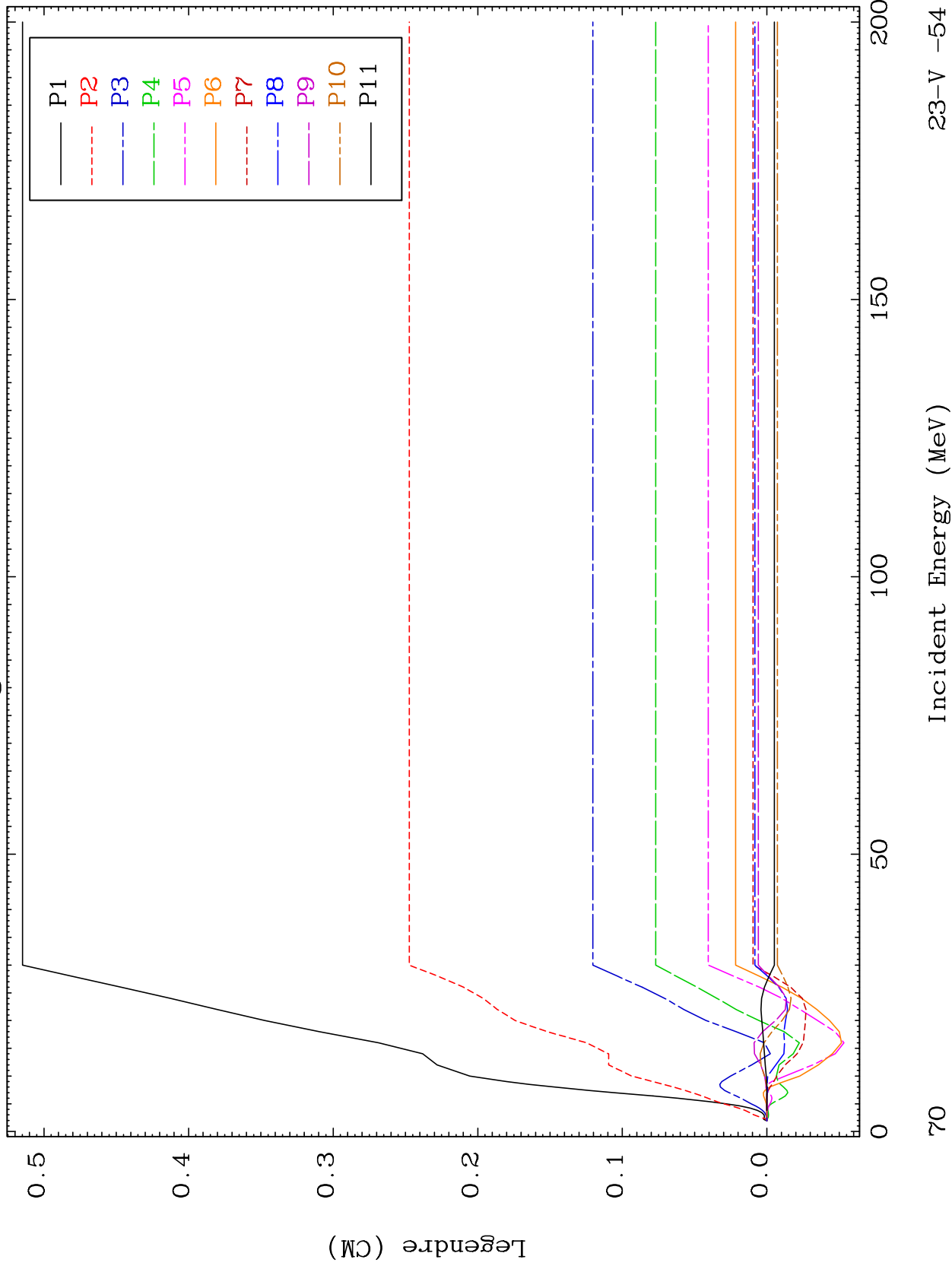
Incident Energy (MeV)

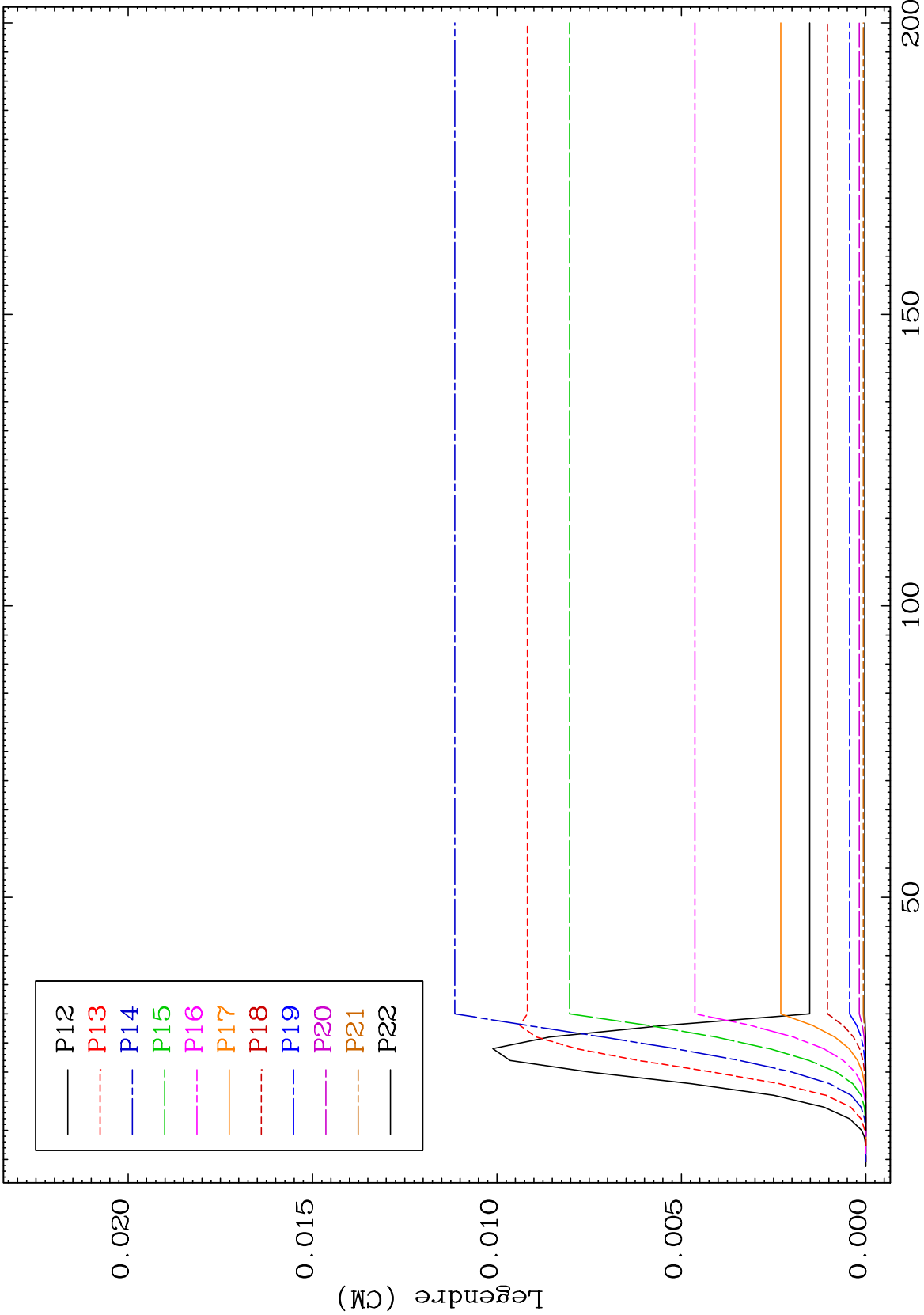
23-V -54

MAT 2337

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

23-V -54

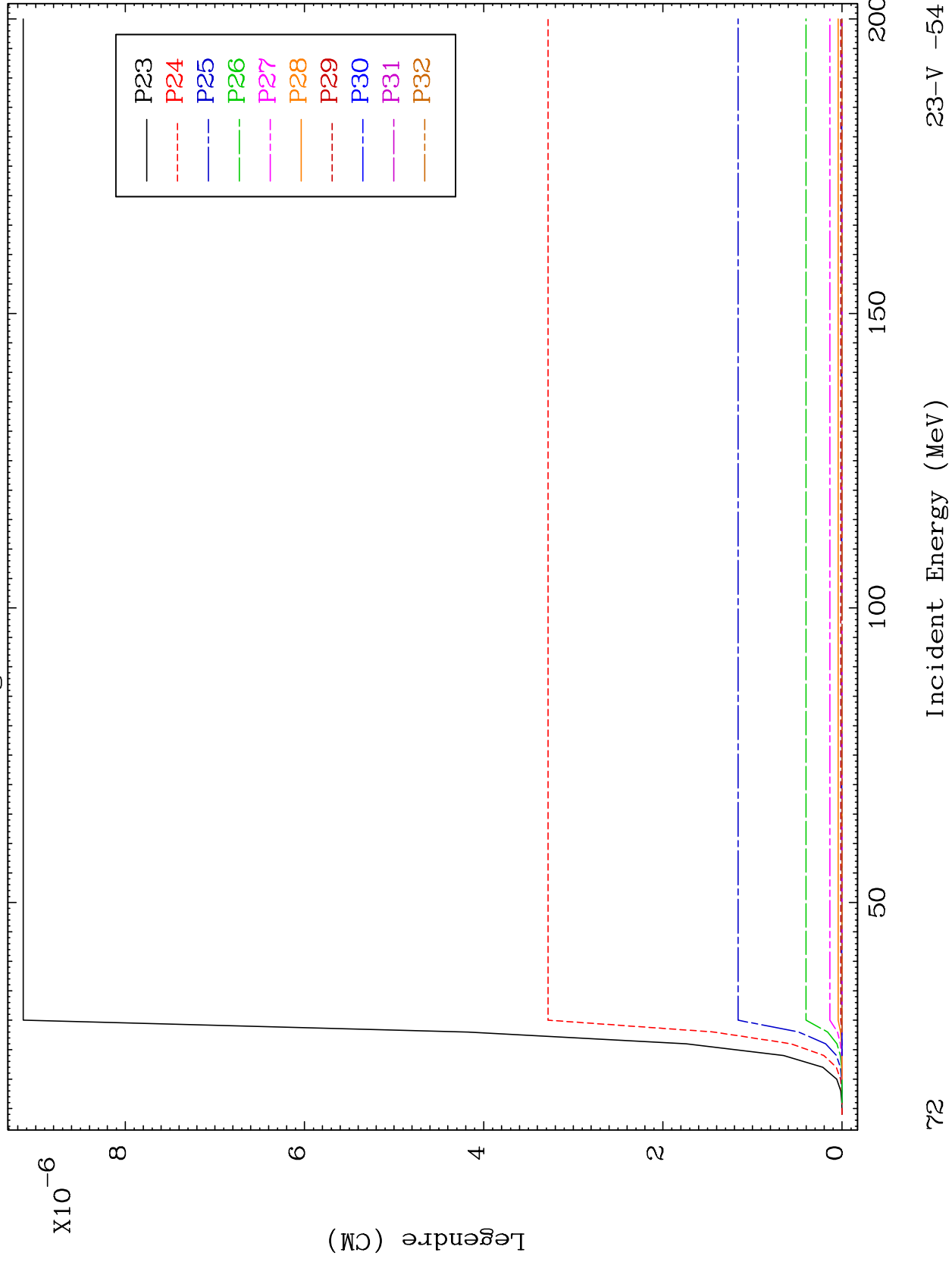




MAT 2337

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

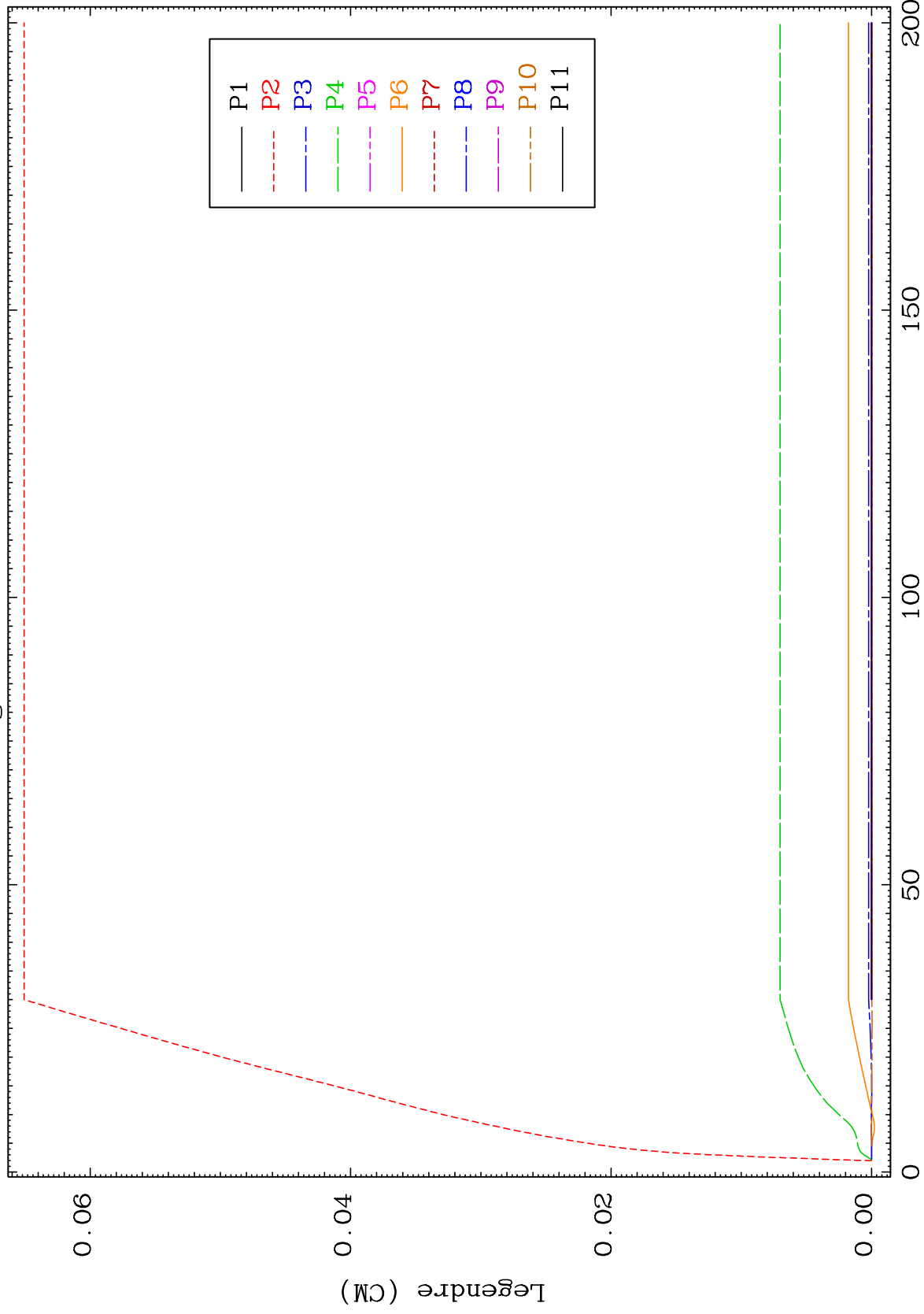
23-V -54



MAT 2337

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

23-V -54



73

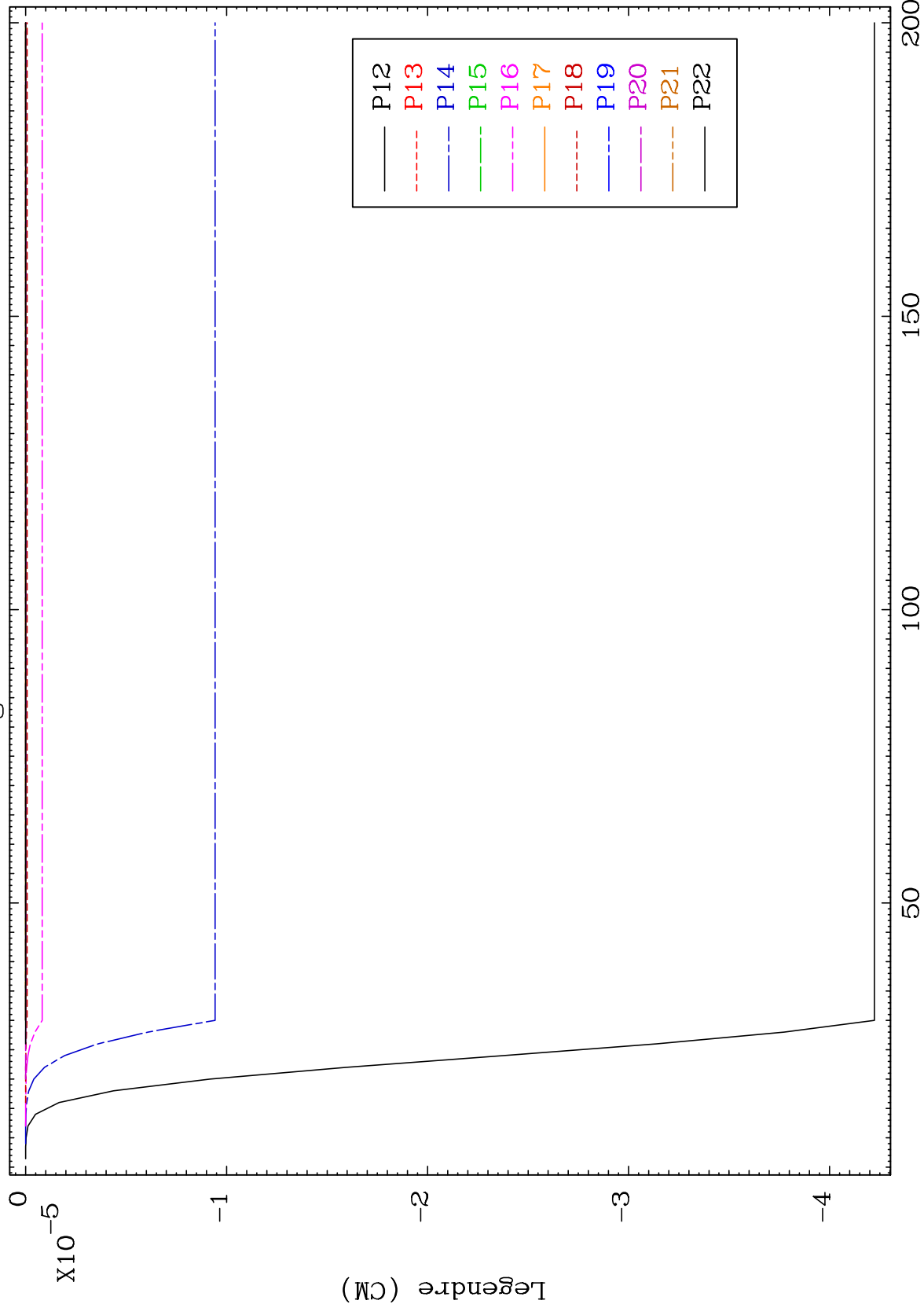
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



74

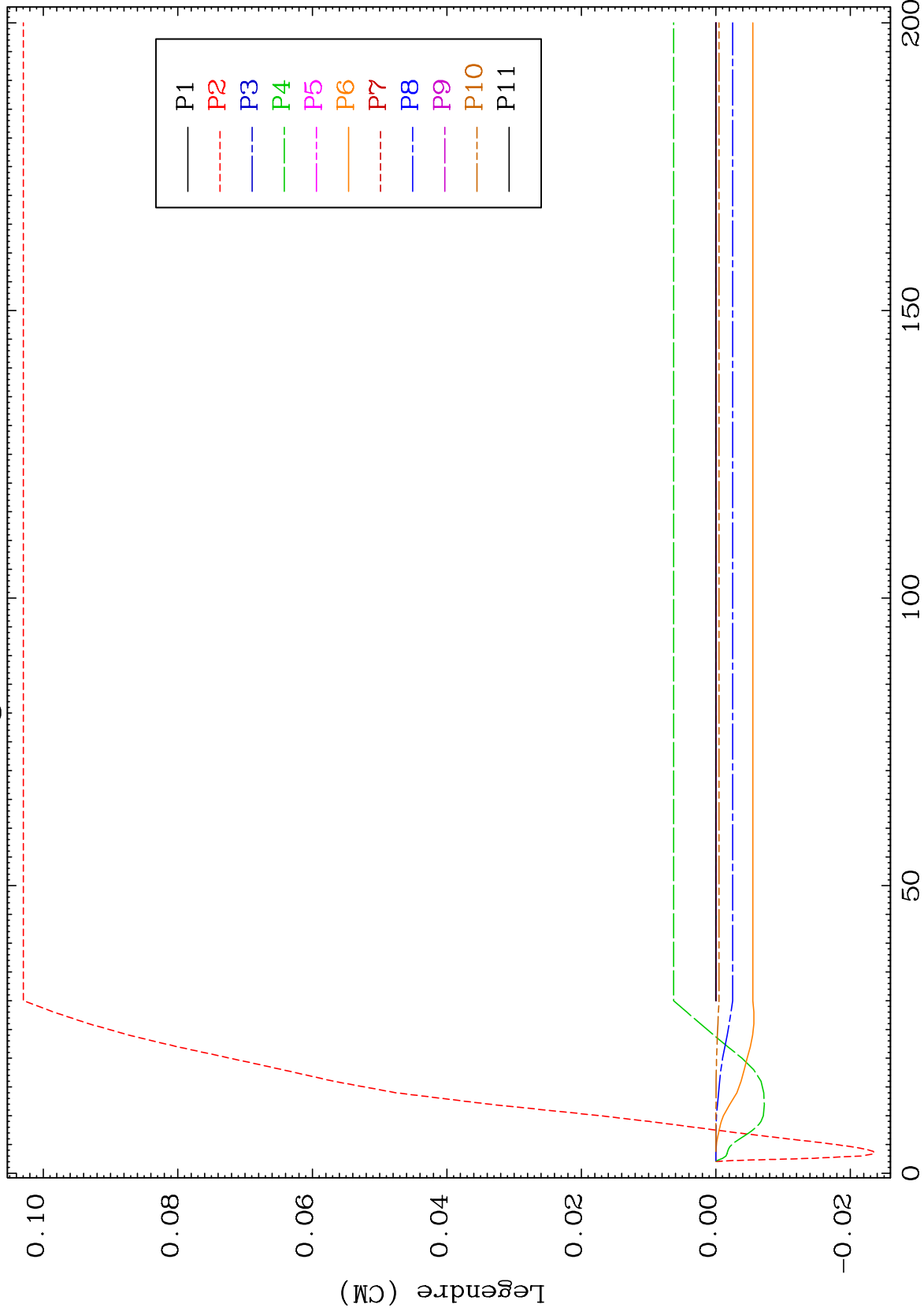
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



23-V -54

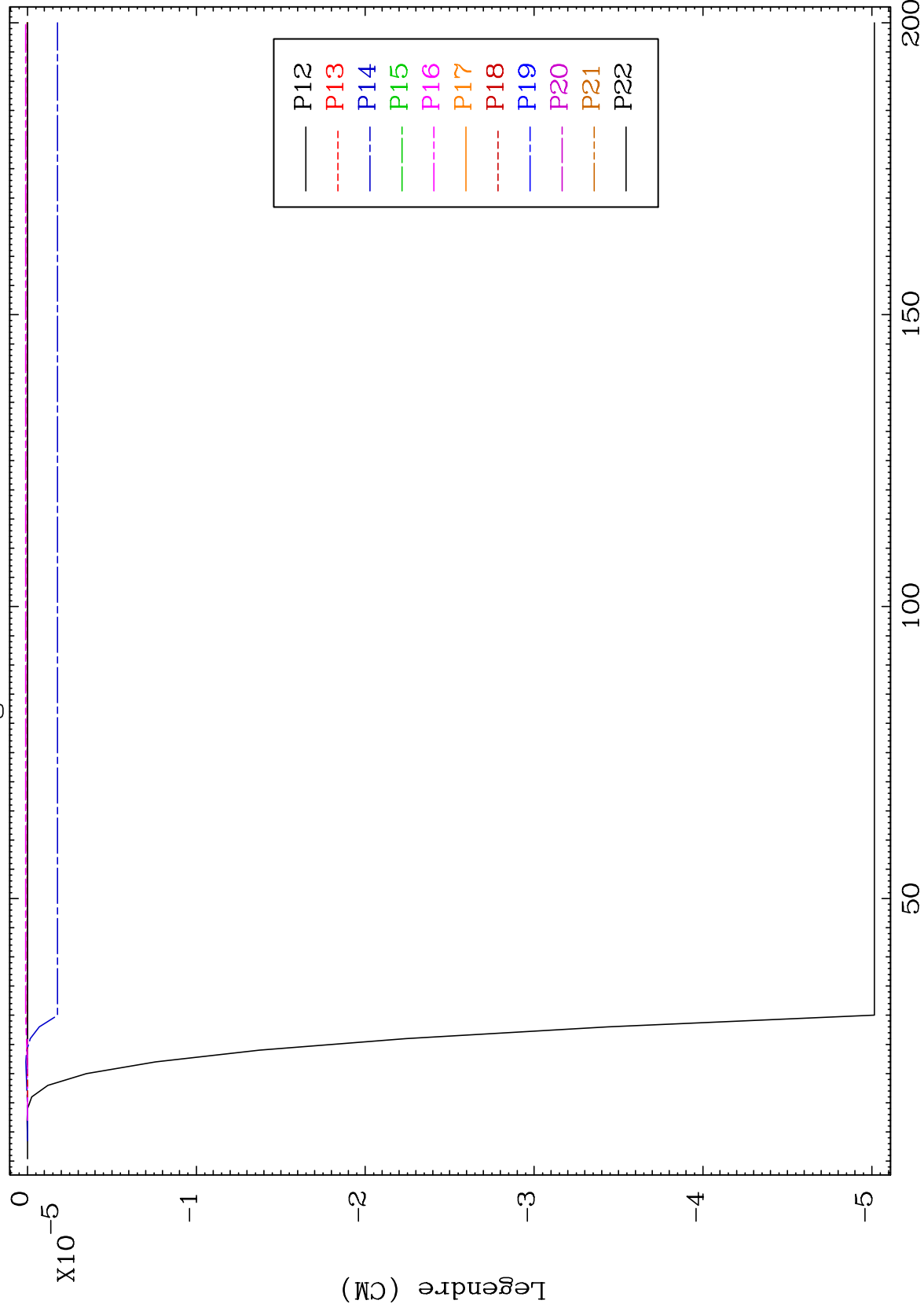
Incident Energy (MeV)

75

MAT 2337

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

23-V -54



76

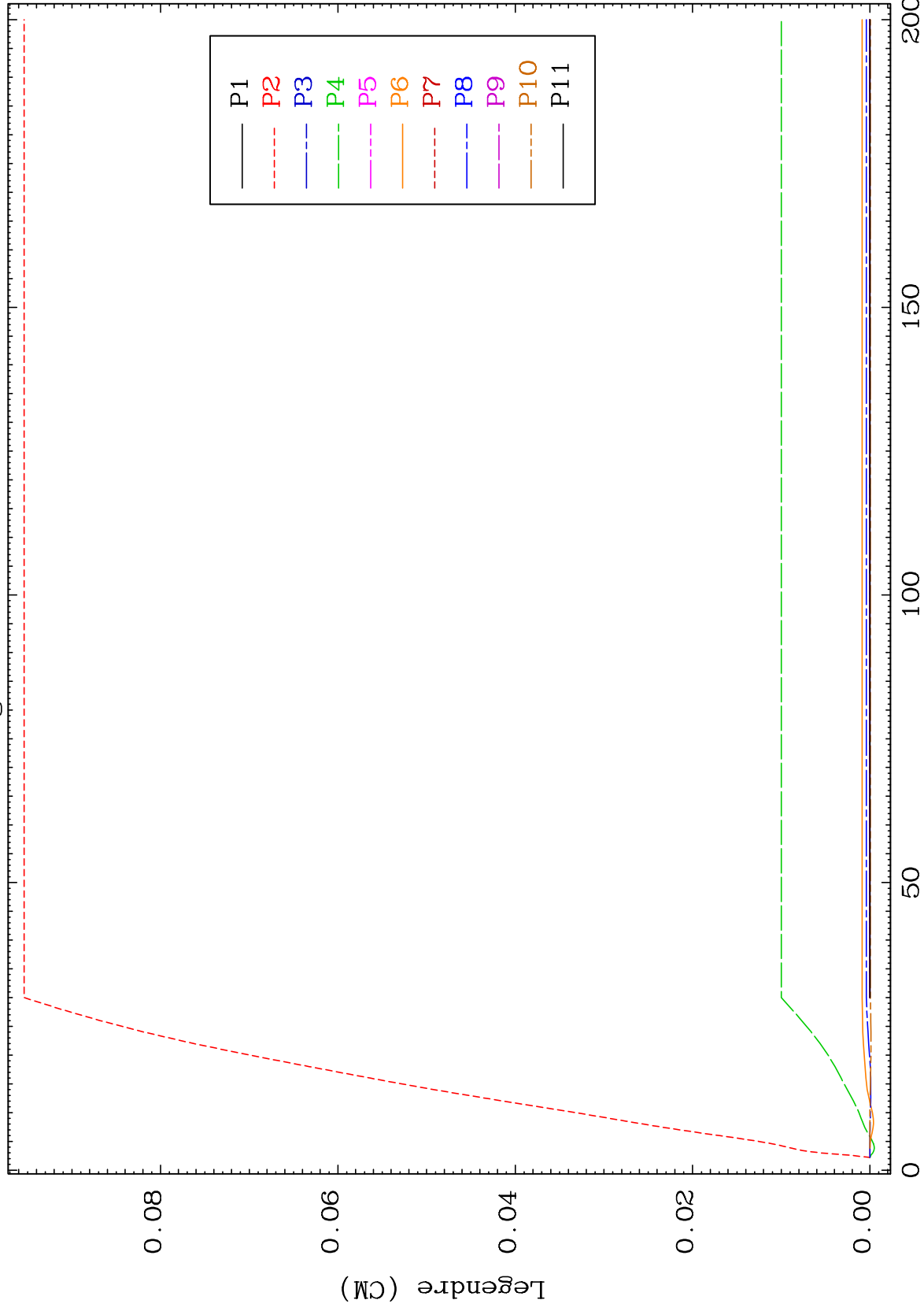
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



77

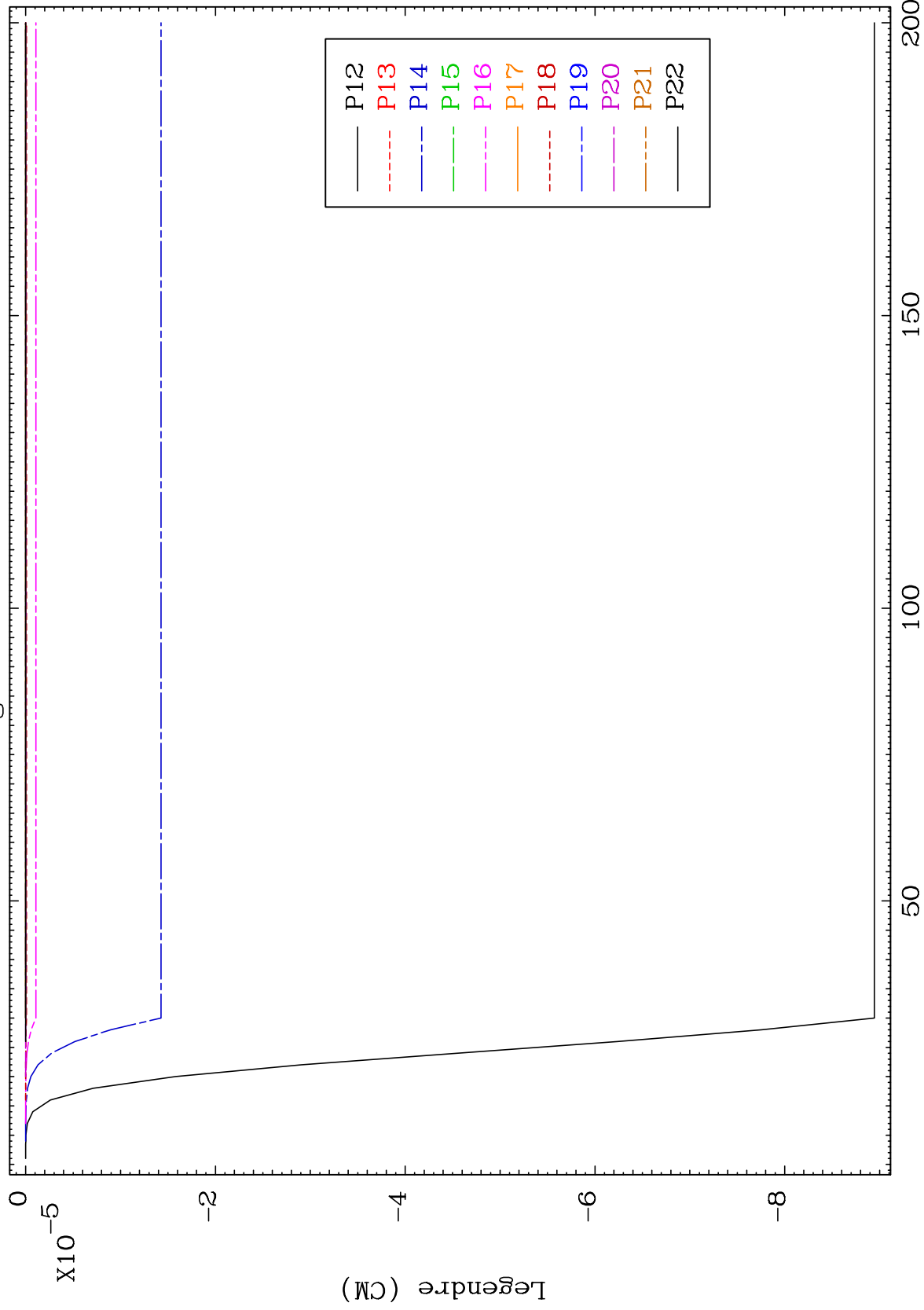
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



78

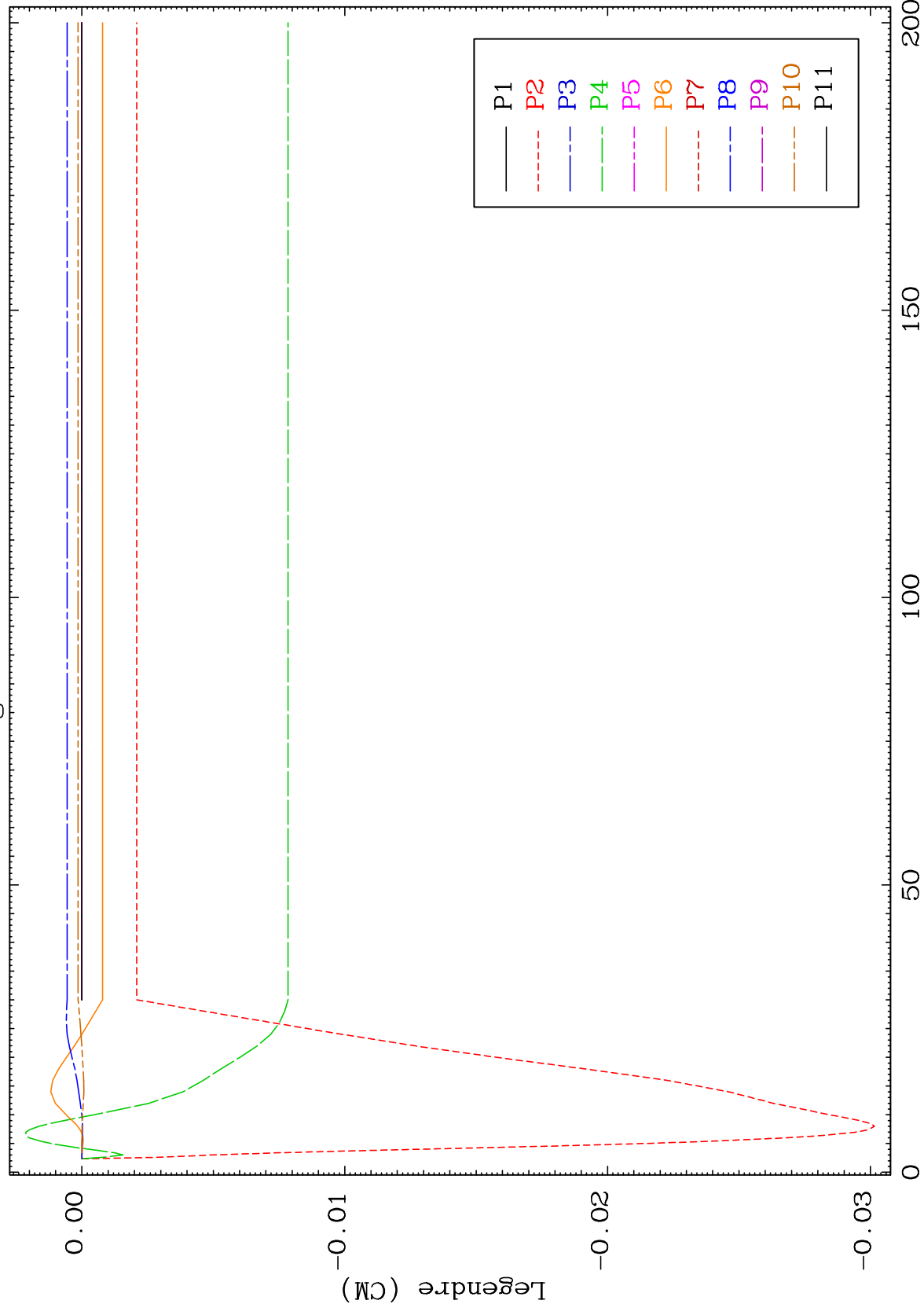
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



79

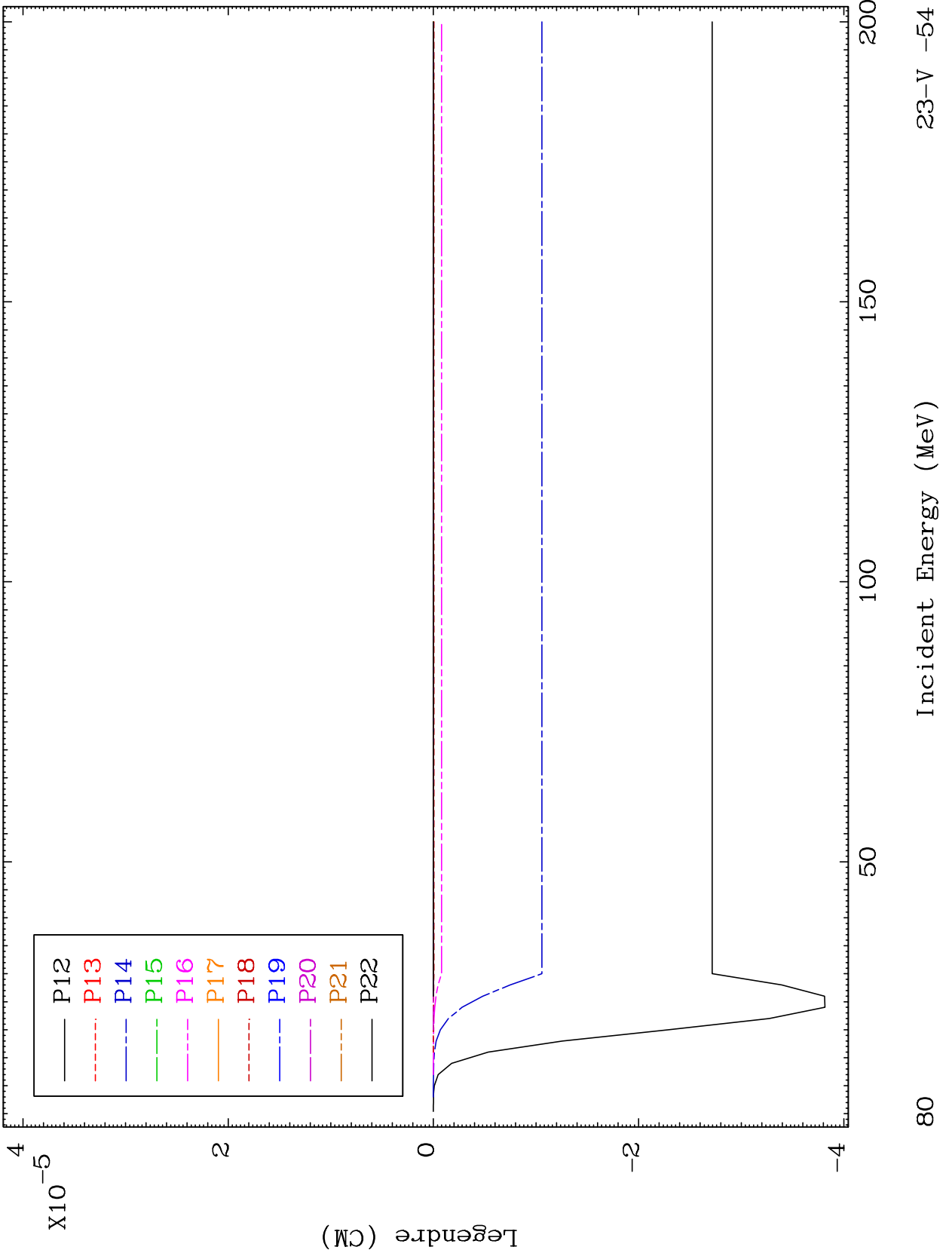
Incident Energy (MeV)

23-V -54

MAT 2337

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

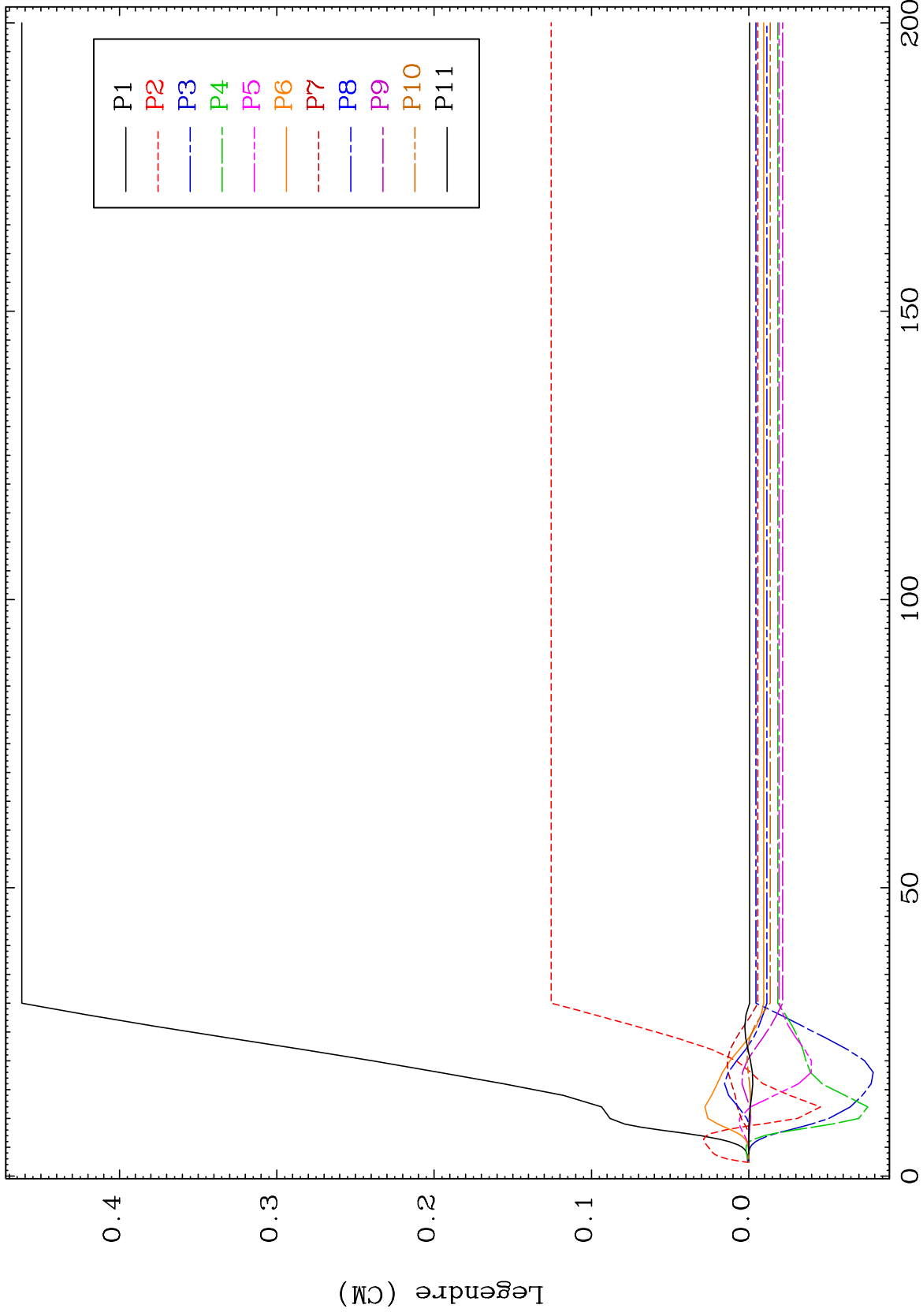
23-V -54



MAT 2337

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

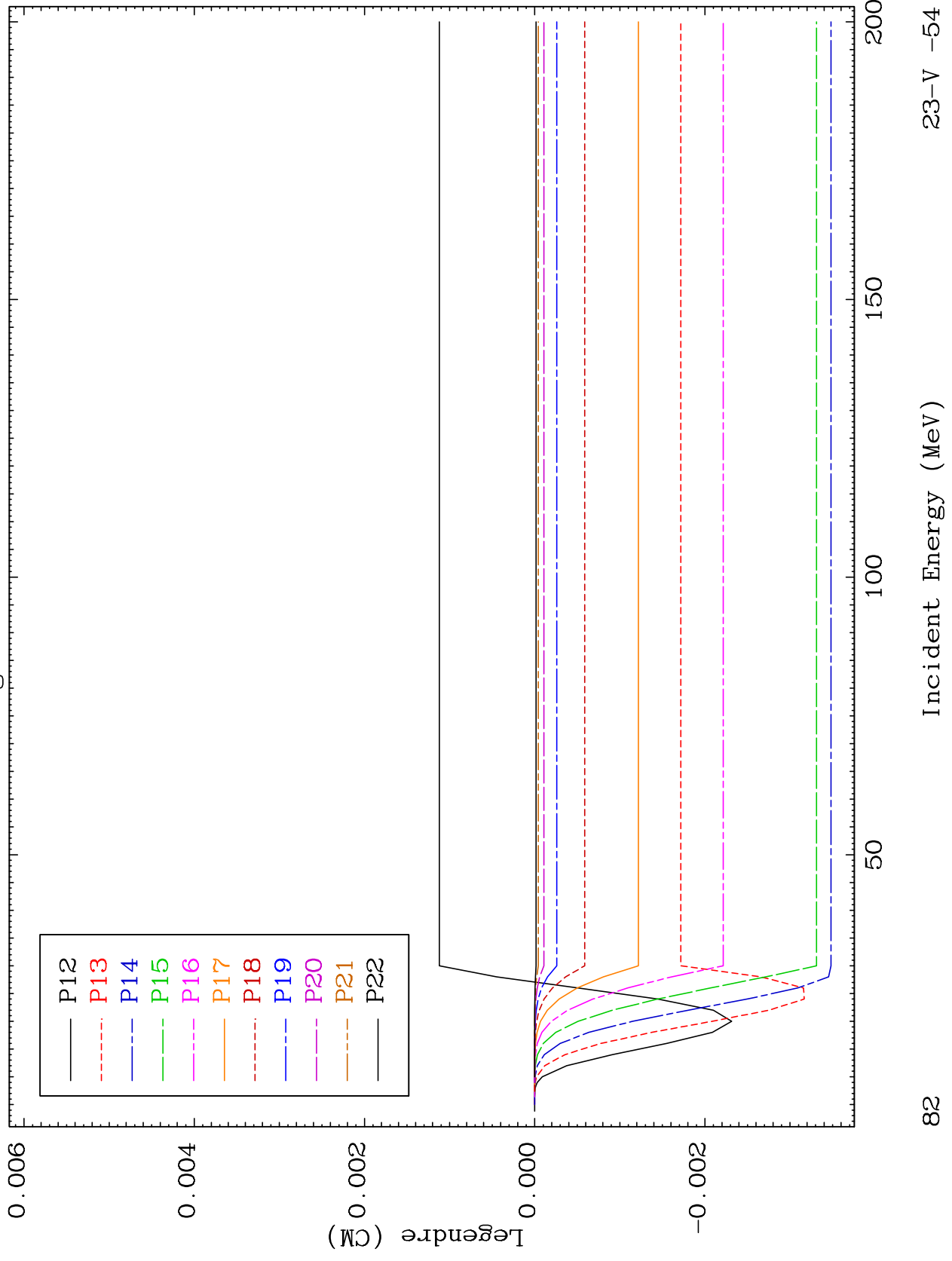
23-V -54



81

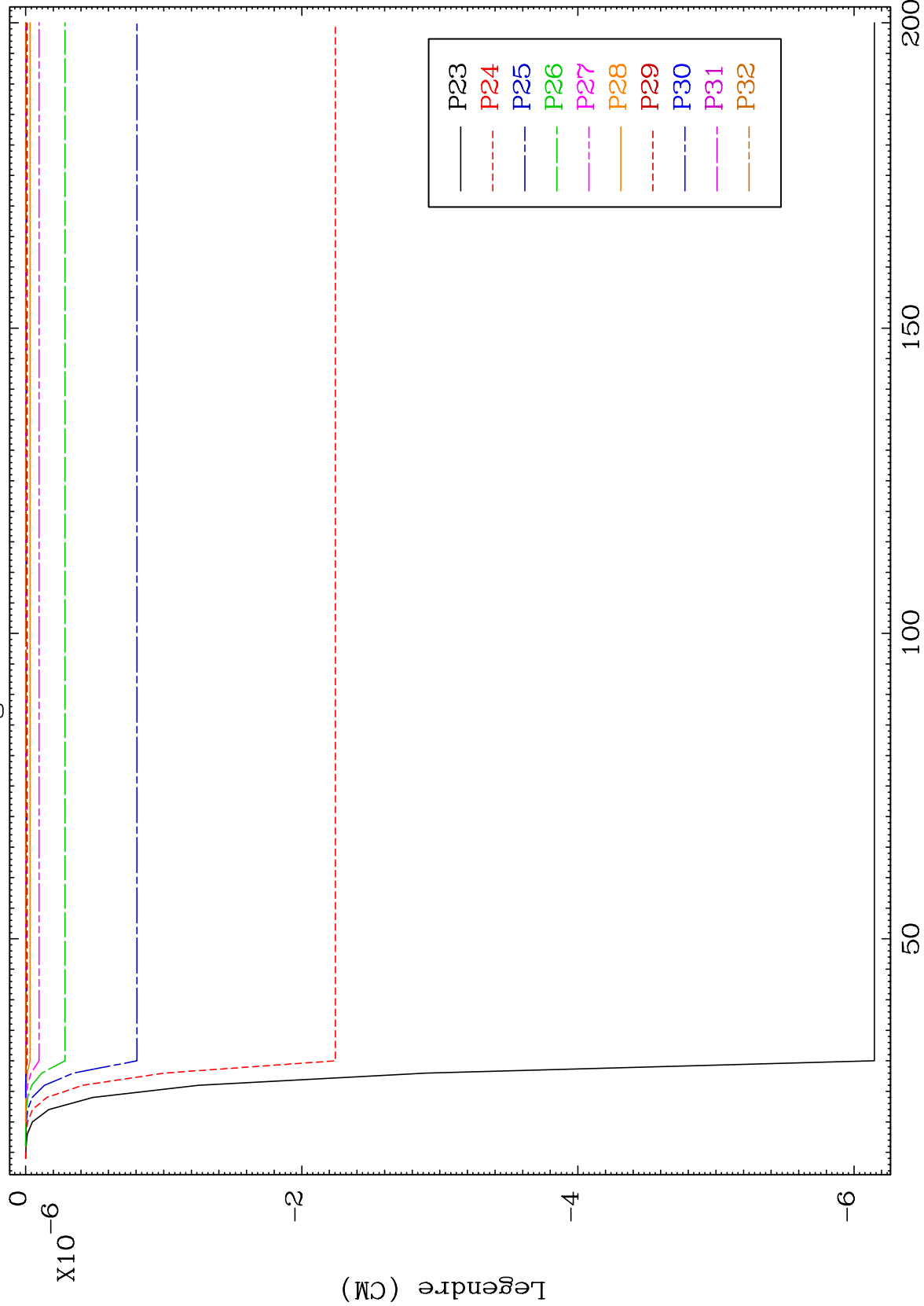
Incident Energy (MeV)

23-V -54



MAT 2337 MT= 75 (n,n') Level 23-V -54

Legendre Coefficients

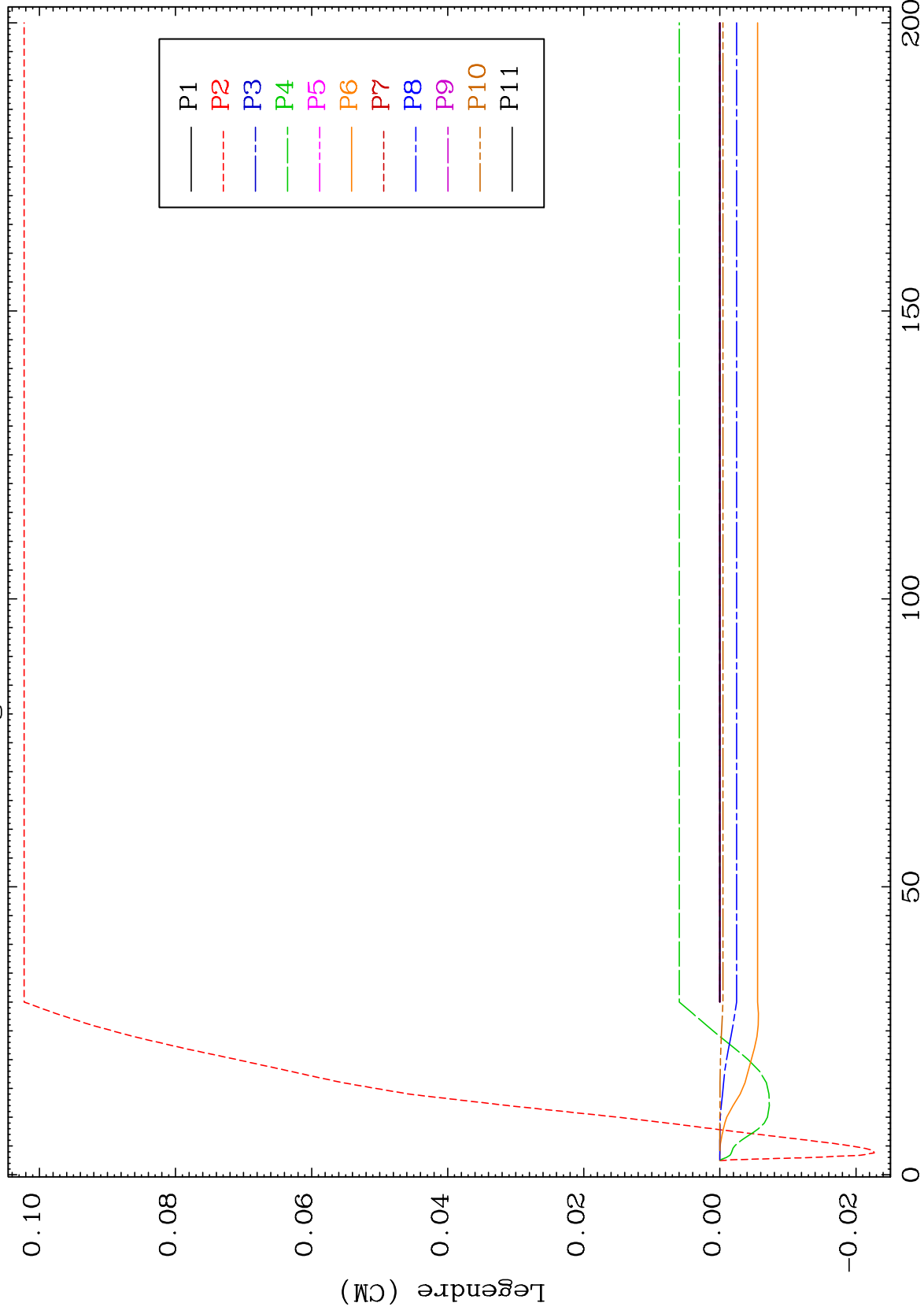


83 Incident Energy (MeV) 23-V -54

MAT 2337

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

23-V -54



84

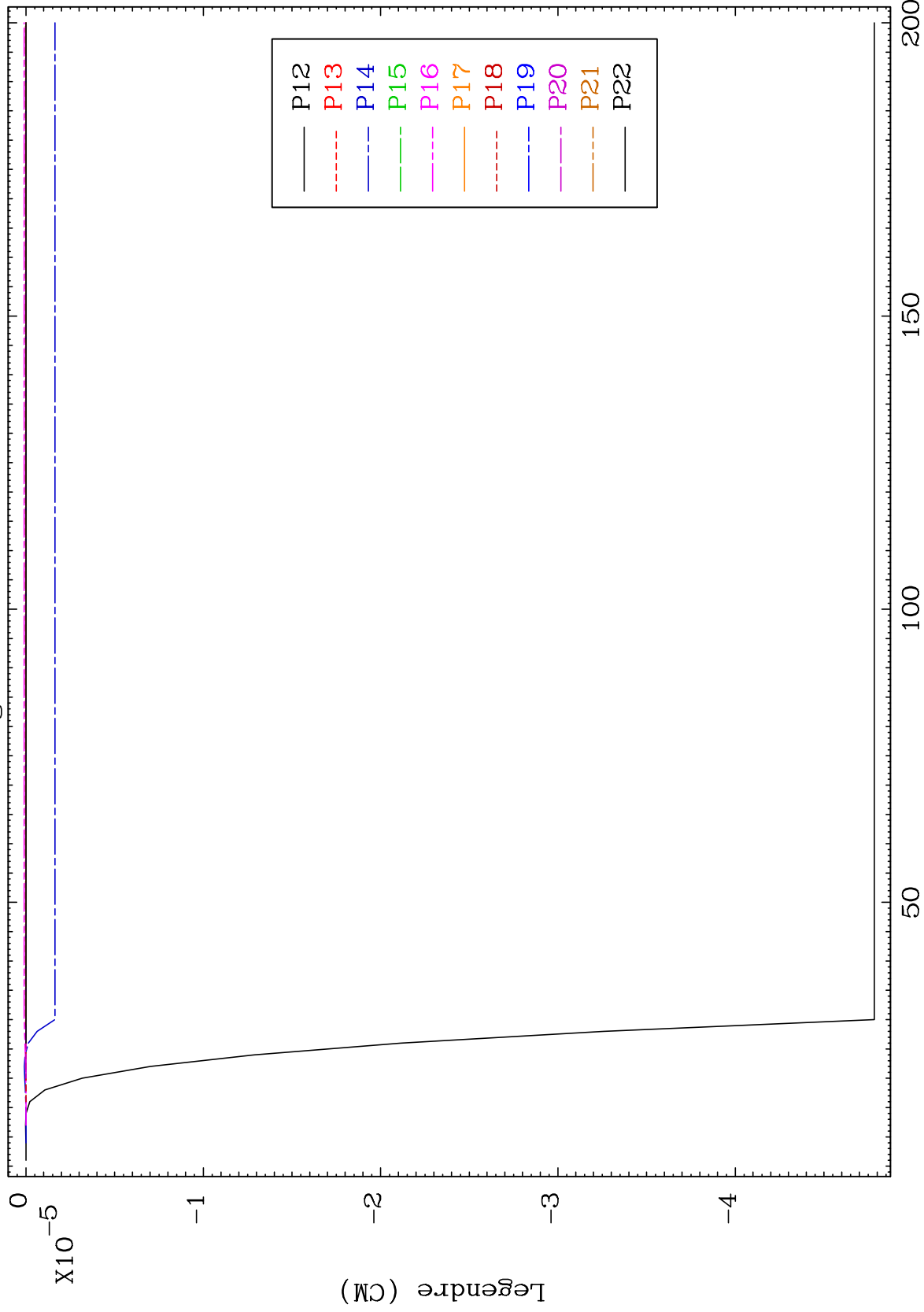
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



85

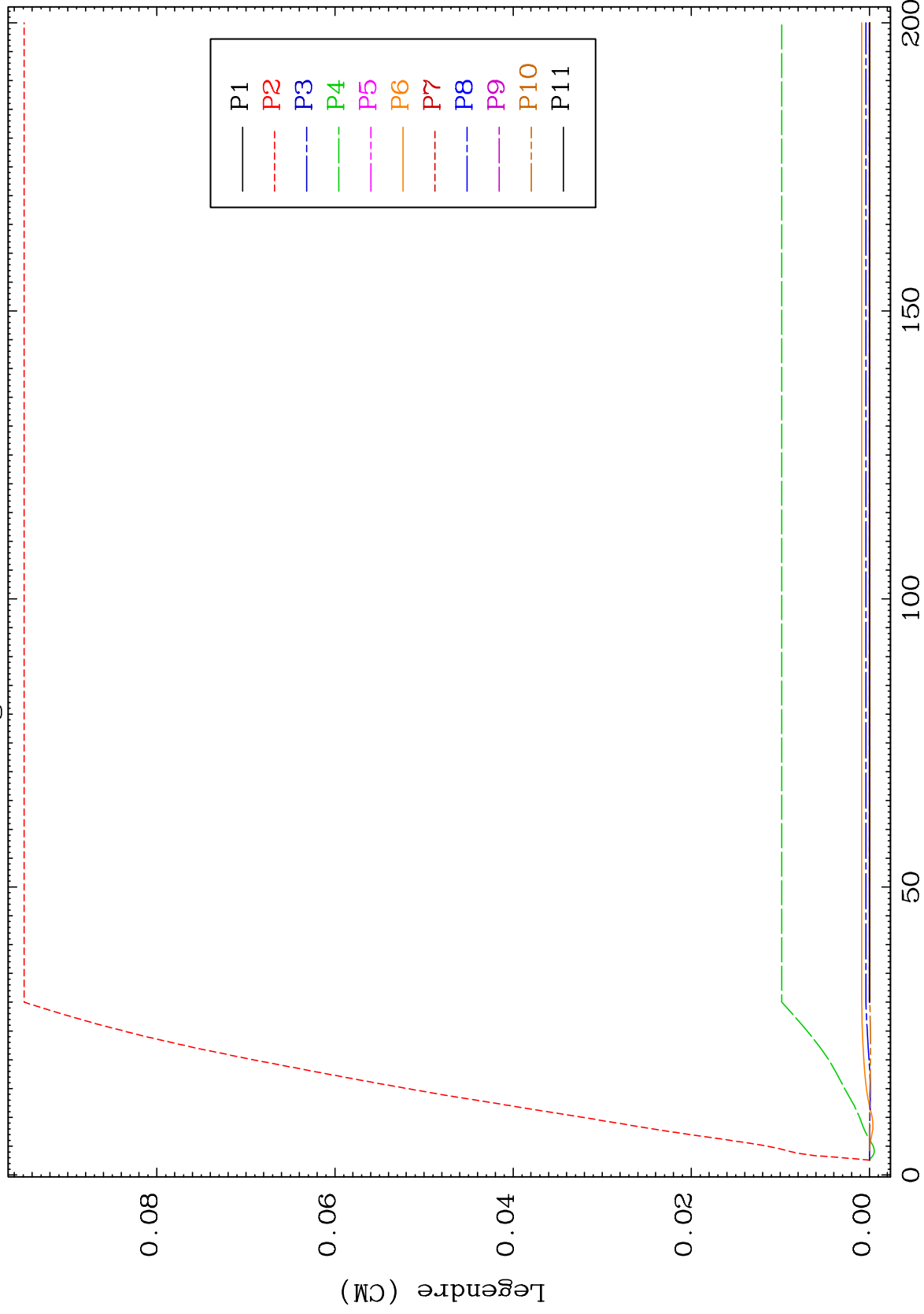
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



86

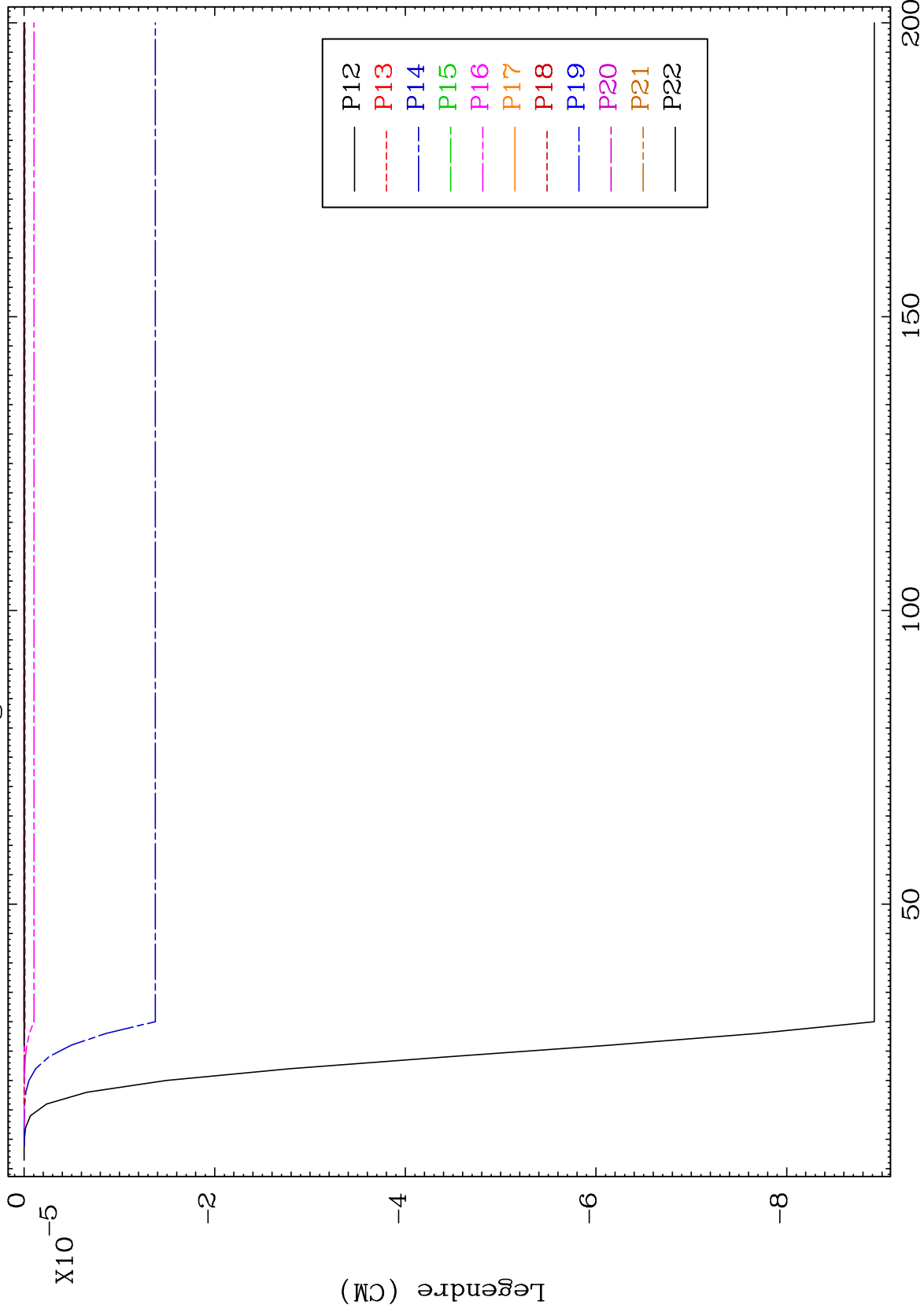
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



87

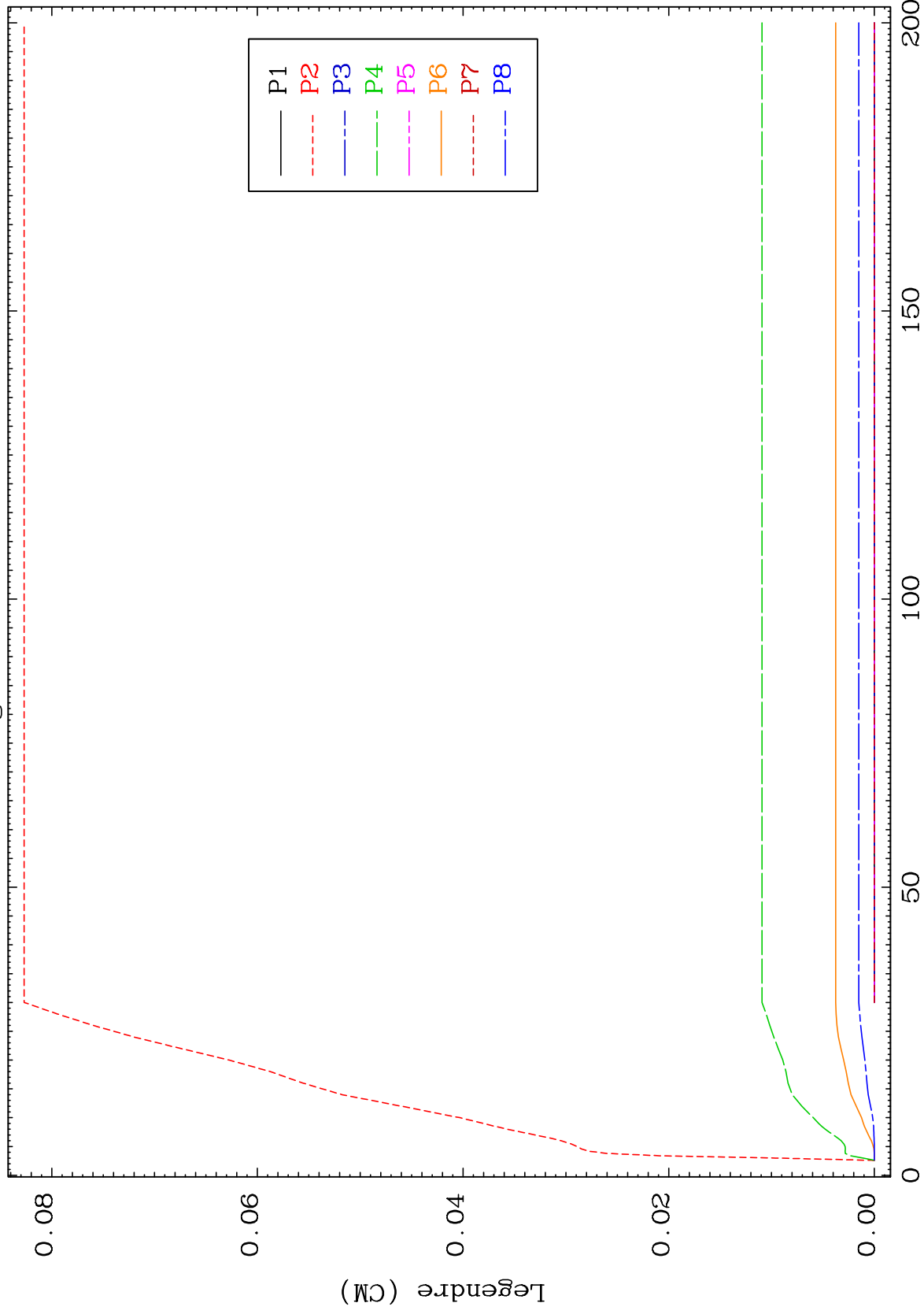
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



88

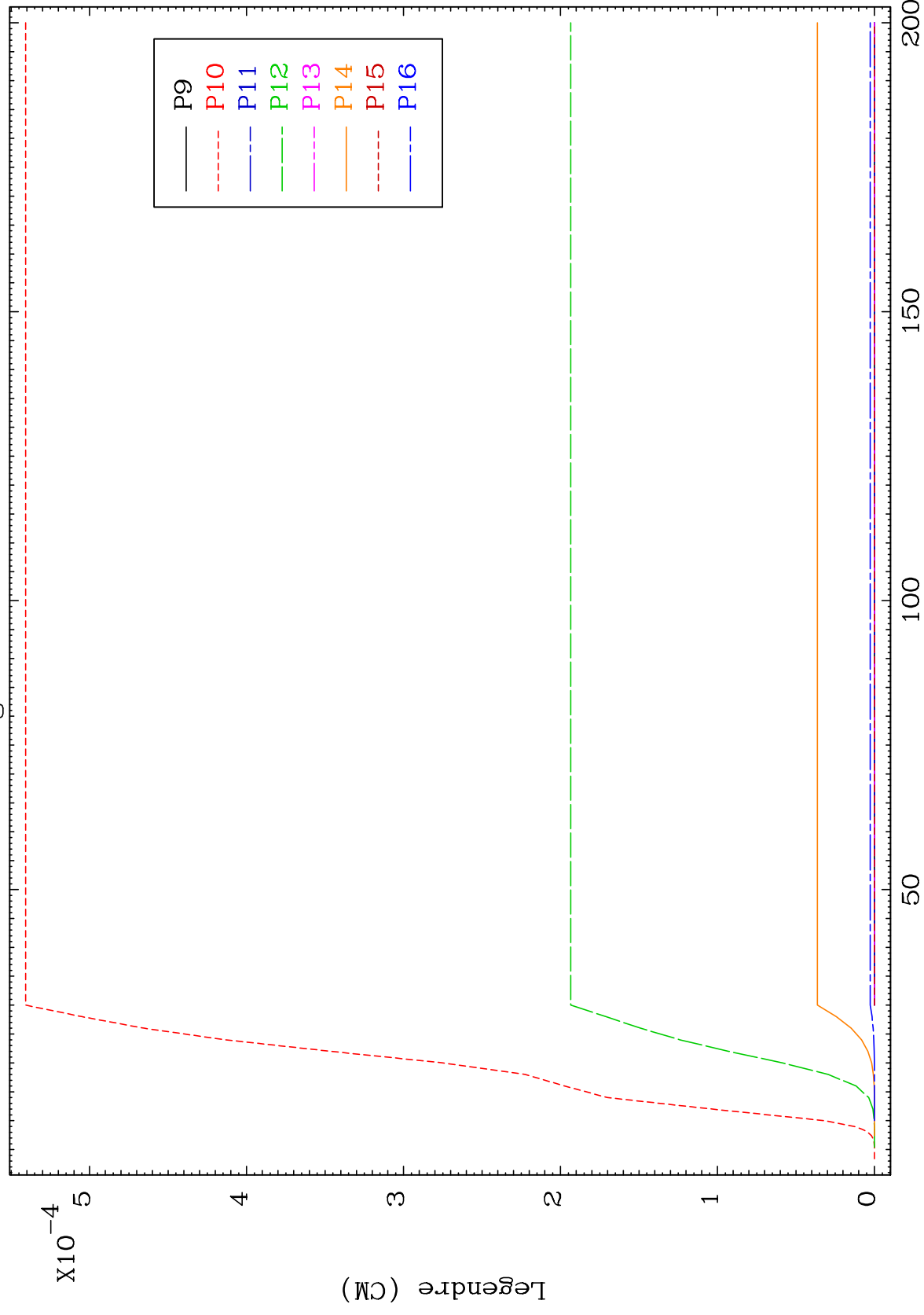
Incident Energy (MeV)

23-V -54

MAT 2337

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

23-V -54



89

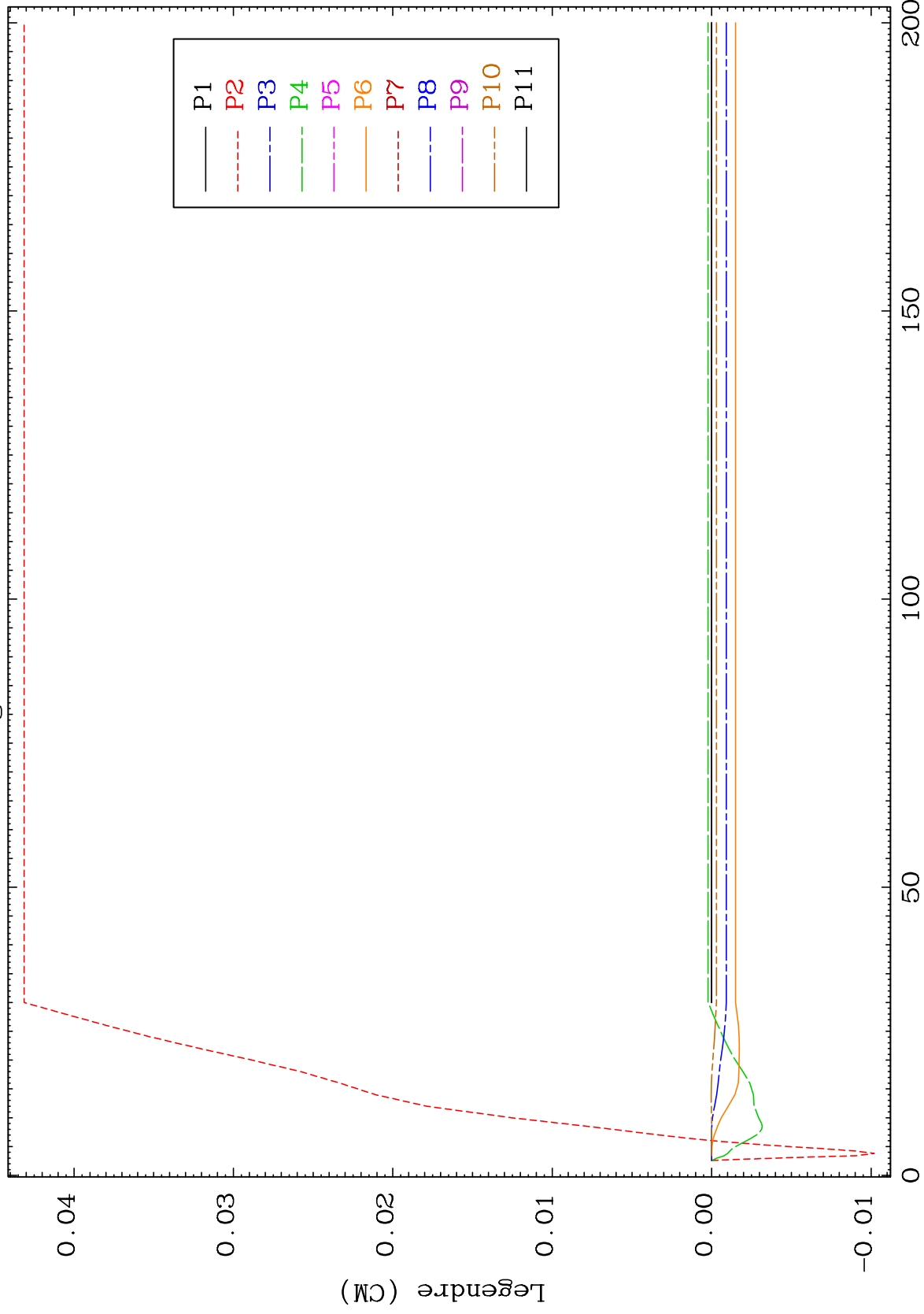
Incident Energy (MeV)

23-V -54

MAT 2337

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

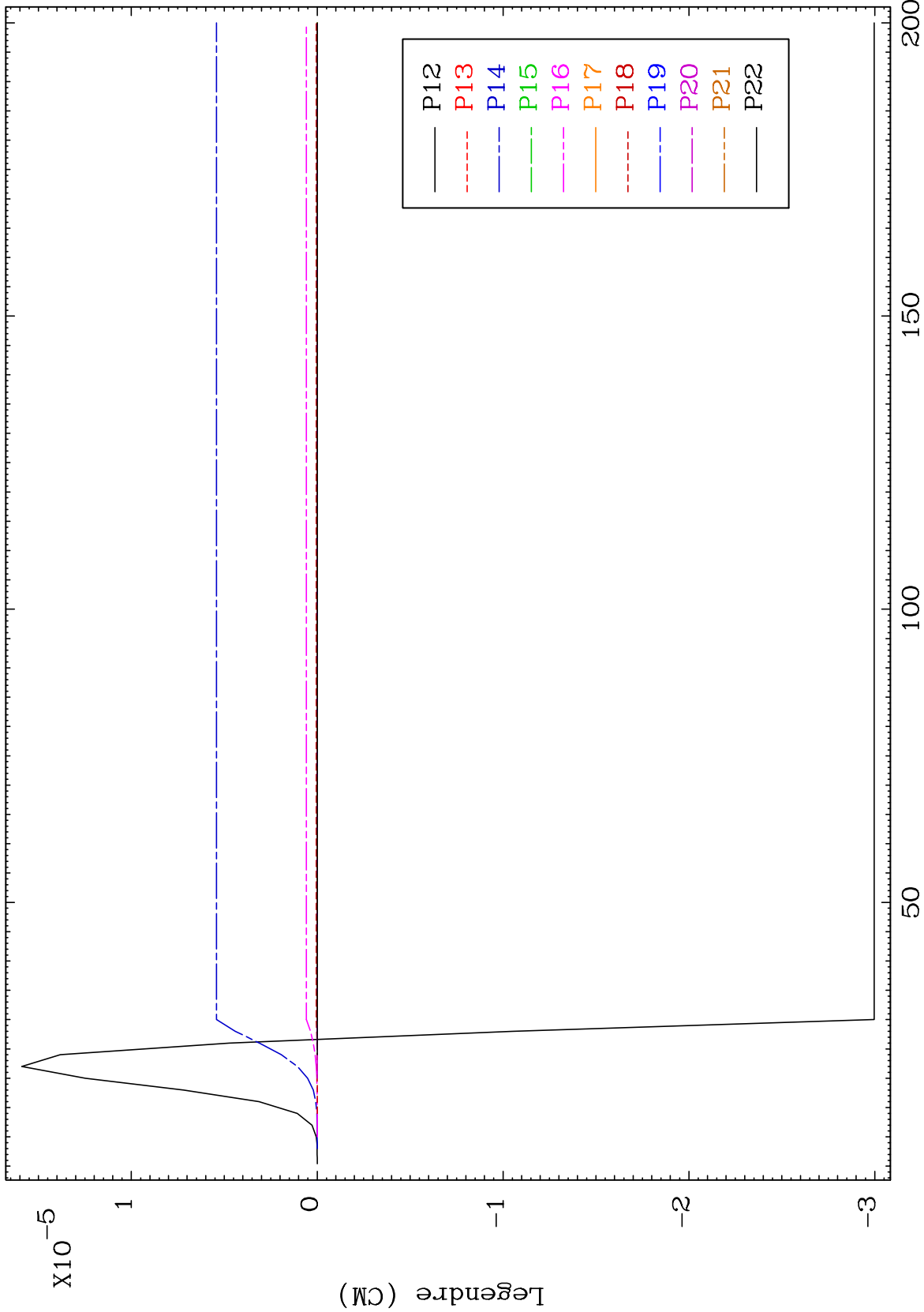
23-V -54



91

Incident Energy (MeV)

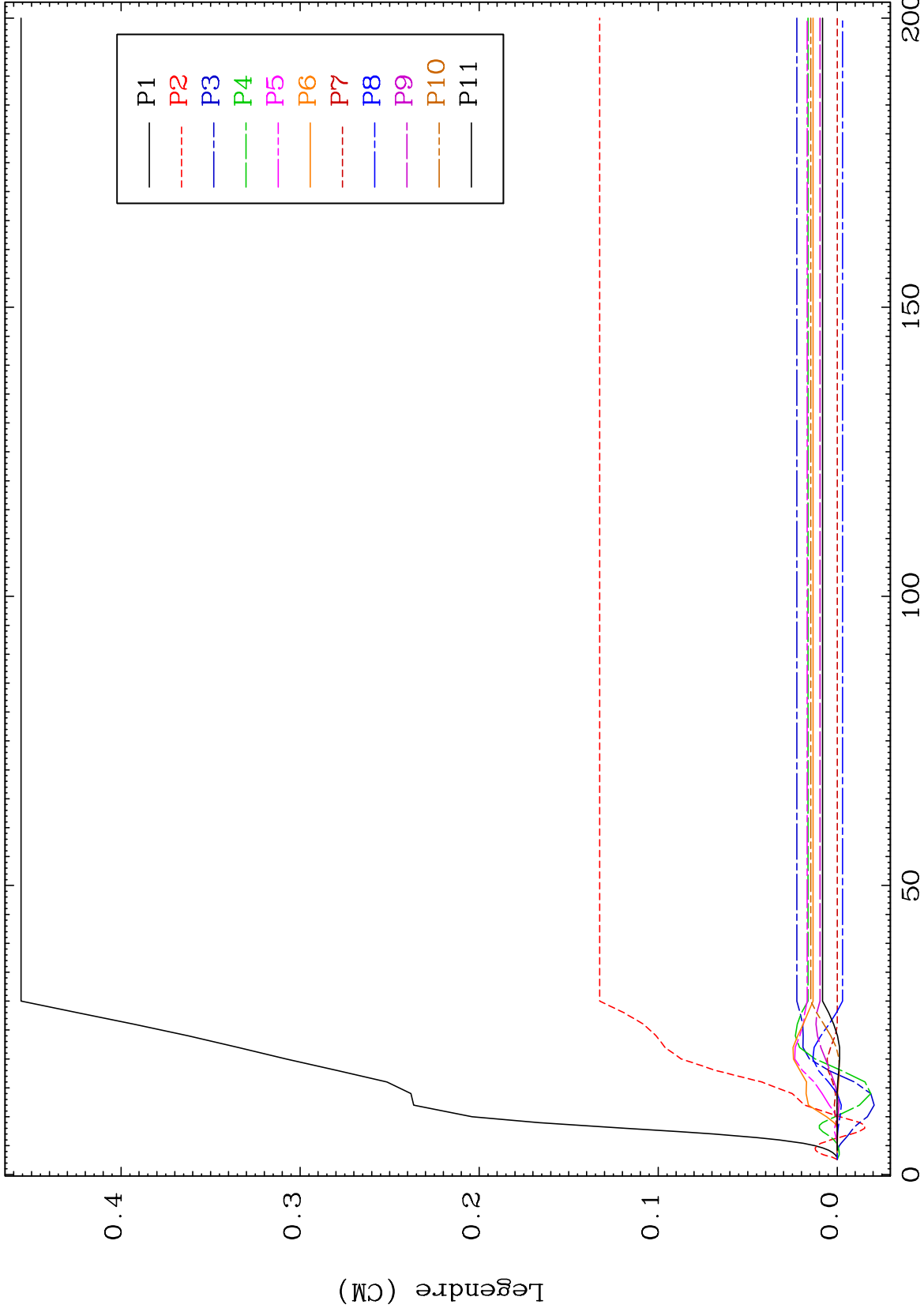
23-V -54



MAT 2337

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

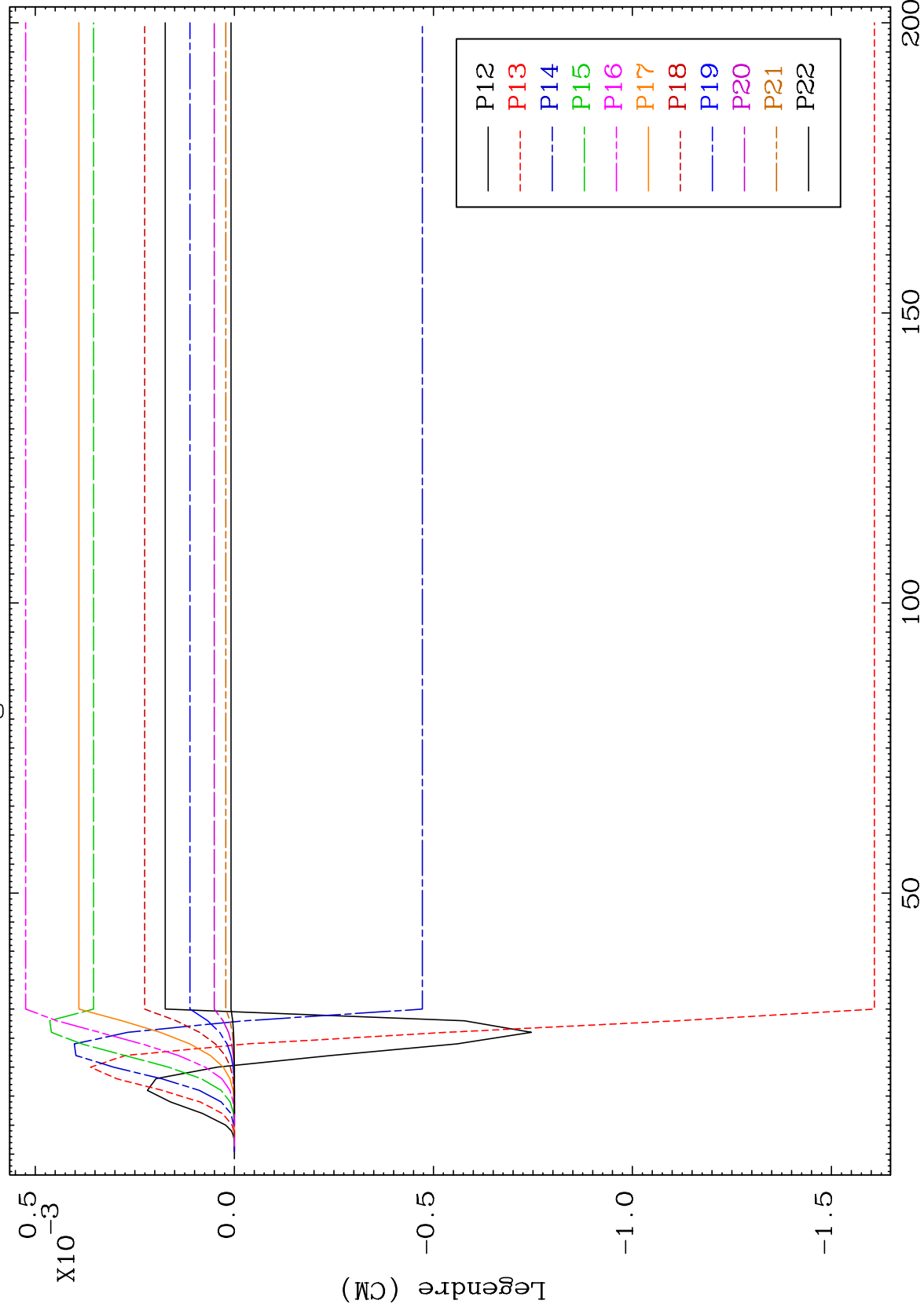
23-V -54



93

Incident Energy (MeV)

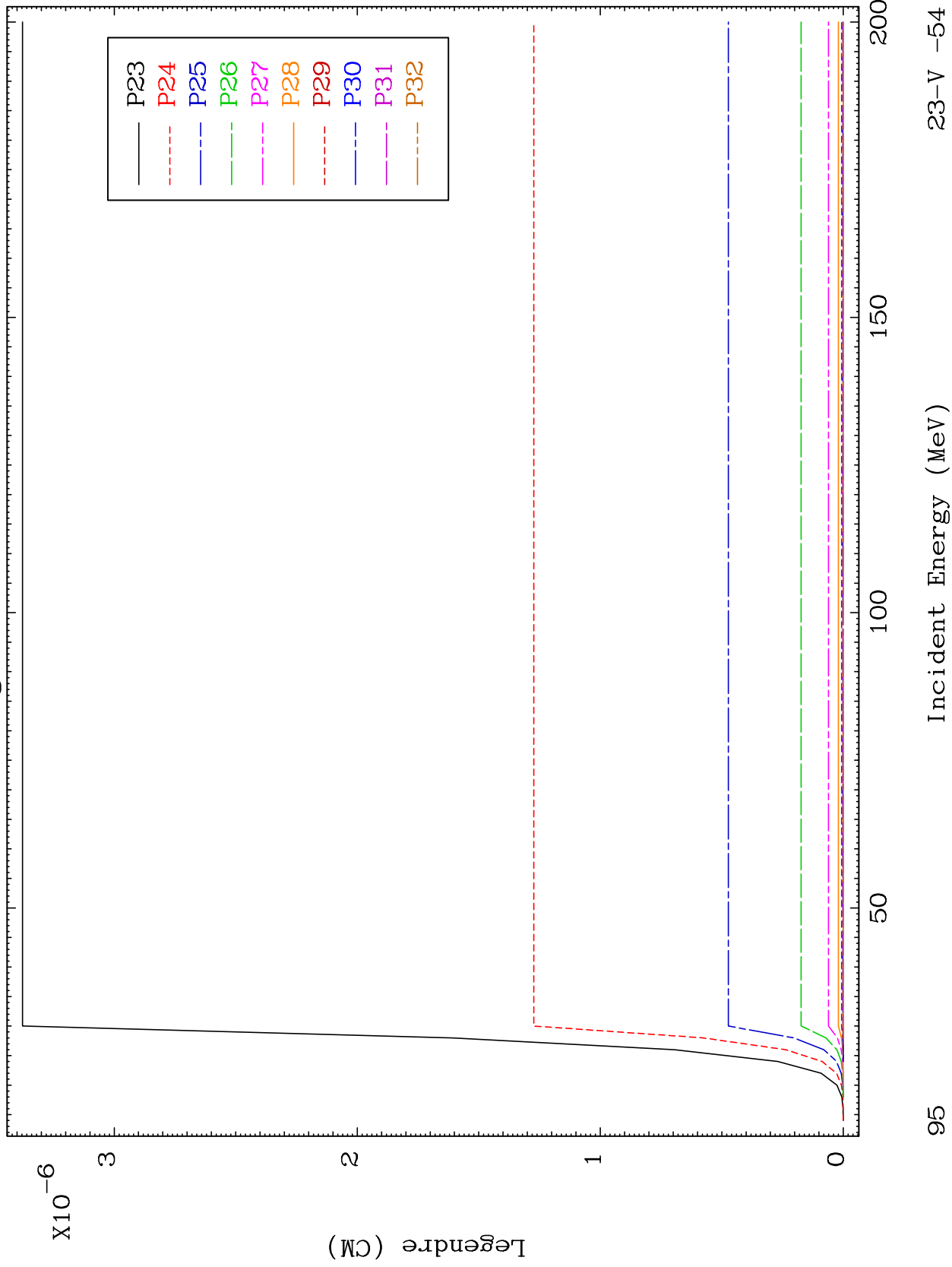
23-V -54



MAT 2337

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

23-V -54



(n,n') α

Radionuclide Production Cross Section

