

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

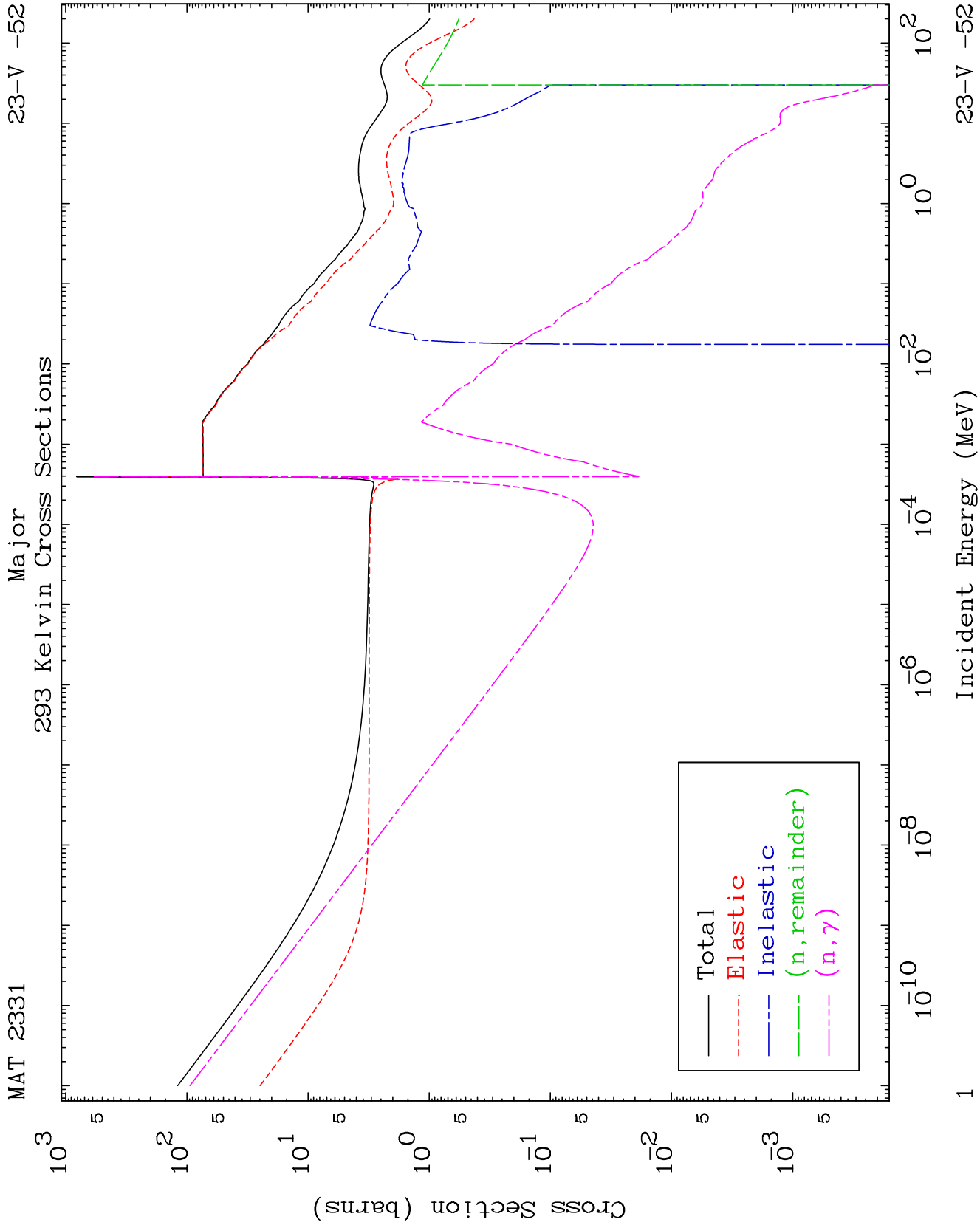
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550

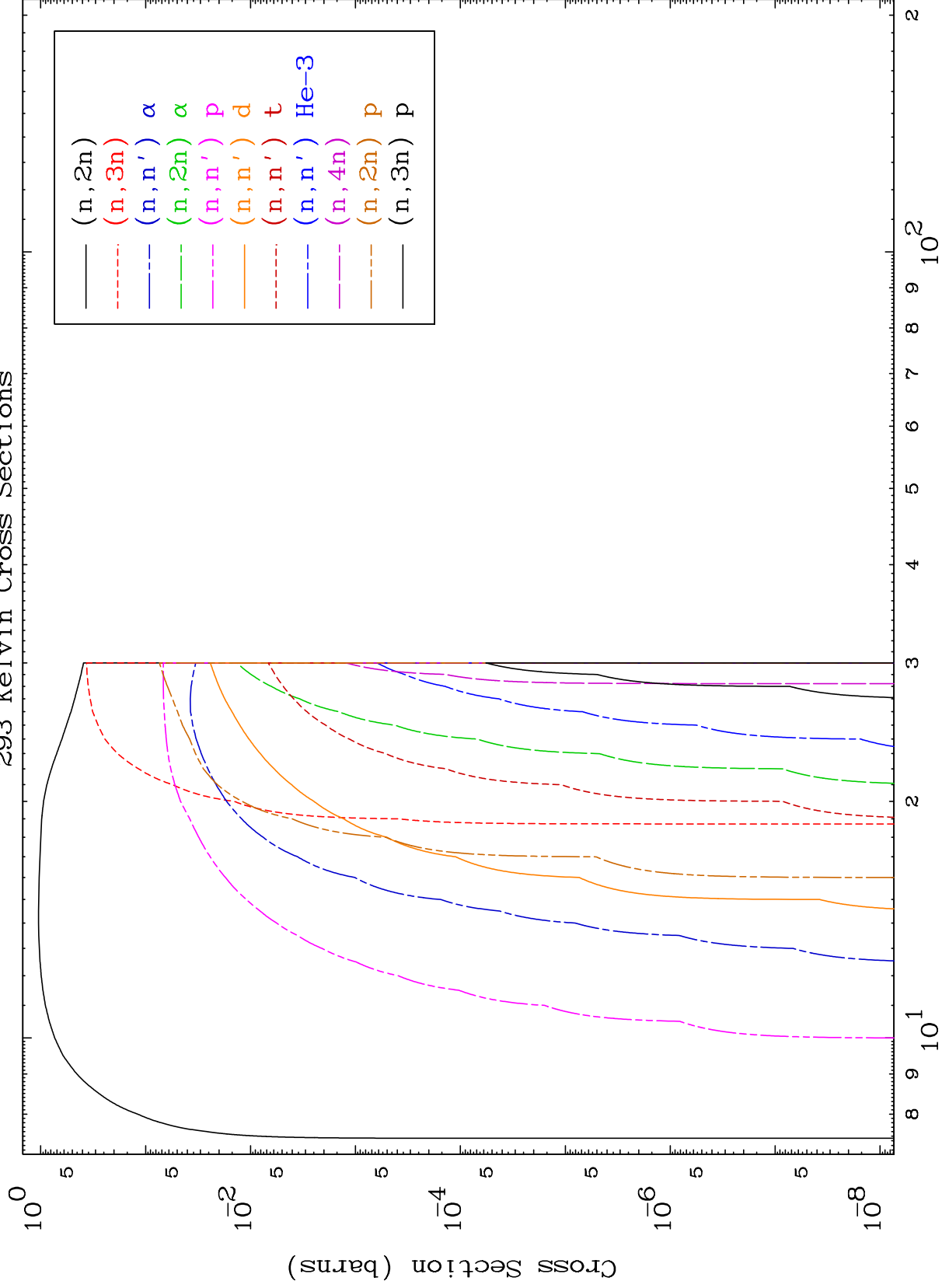
U.S.A.

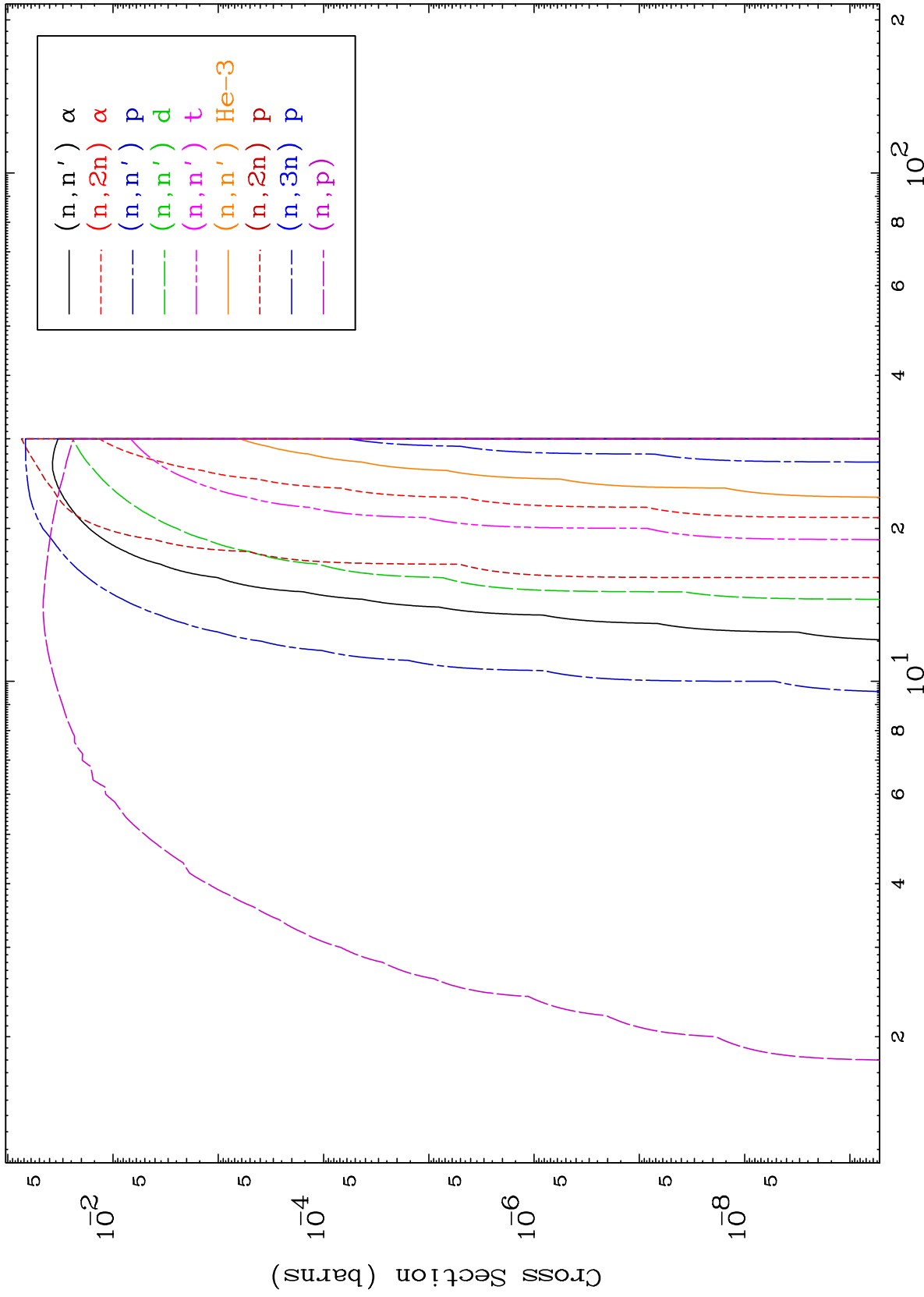
Tele: 925-443-1911

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

Press Mouse Button to Start



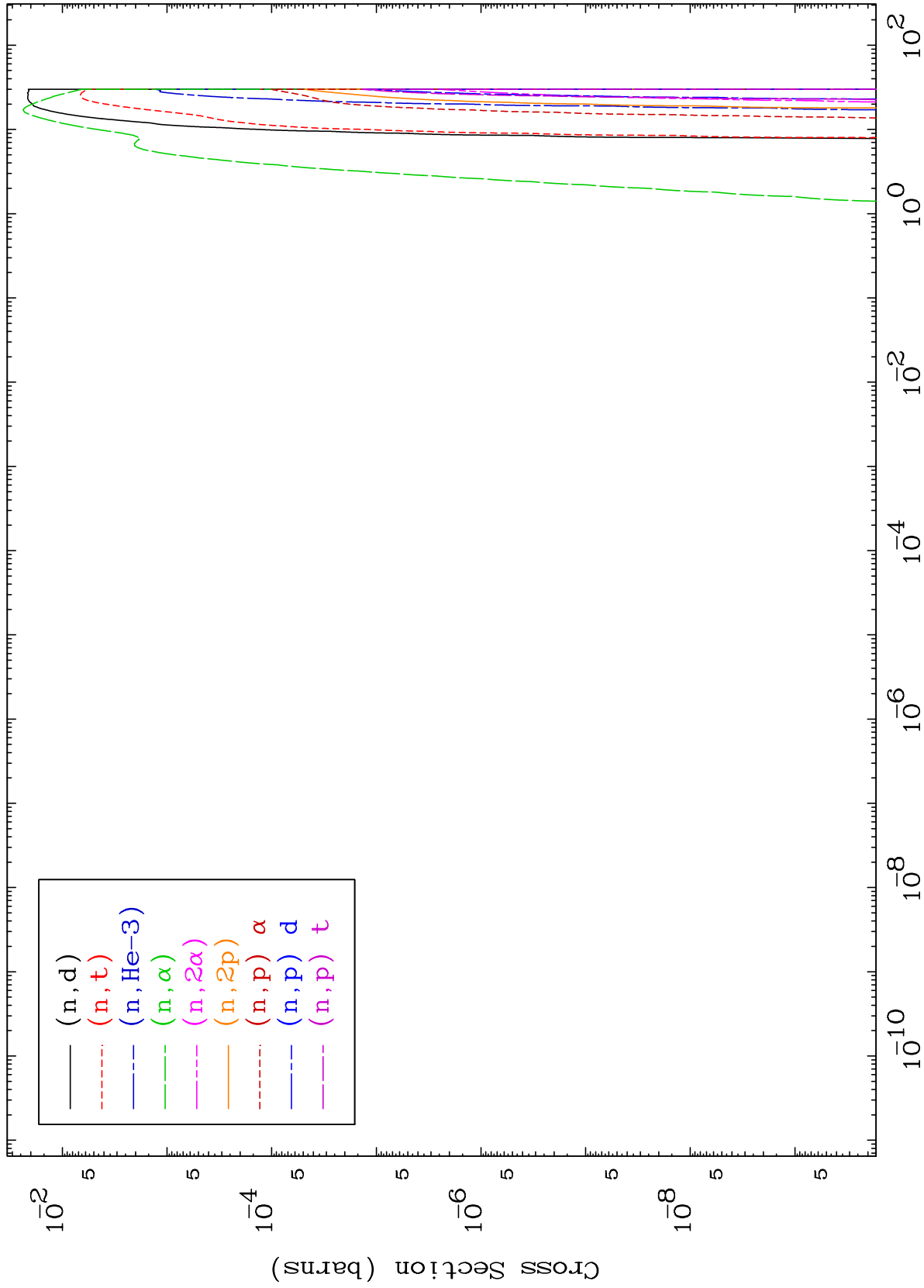




MAT 2331

Charged Particle  
293 Kelvin Cross Sections

23-V -52

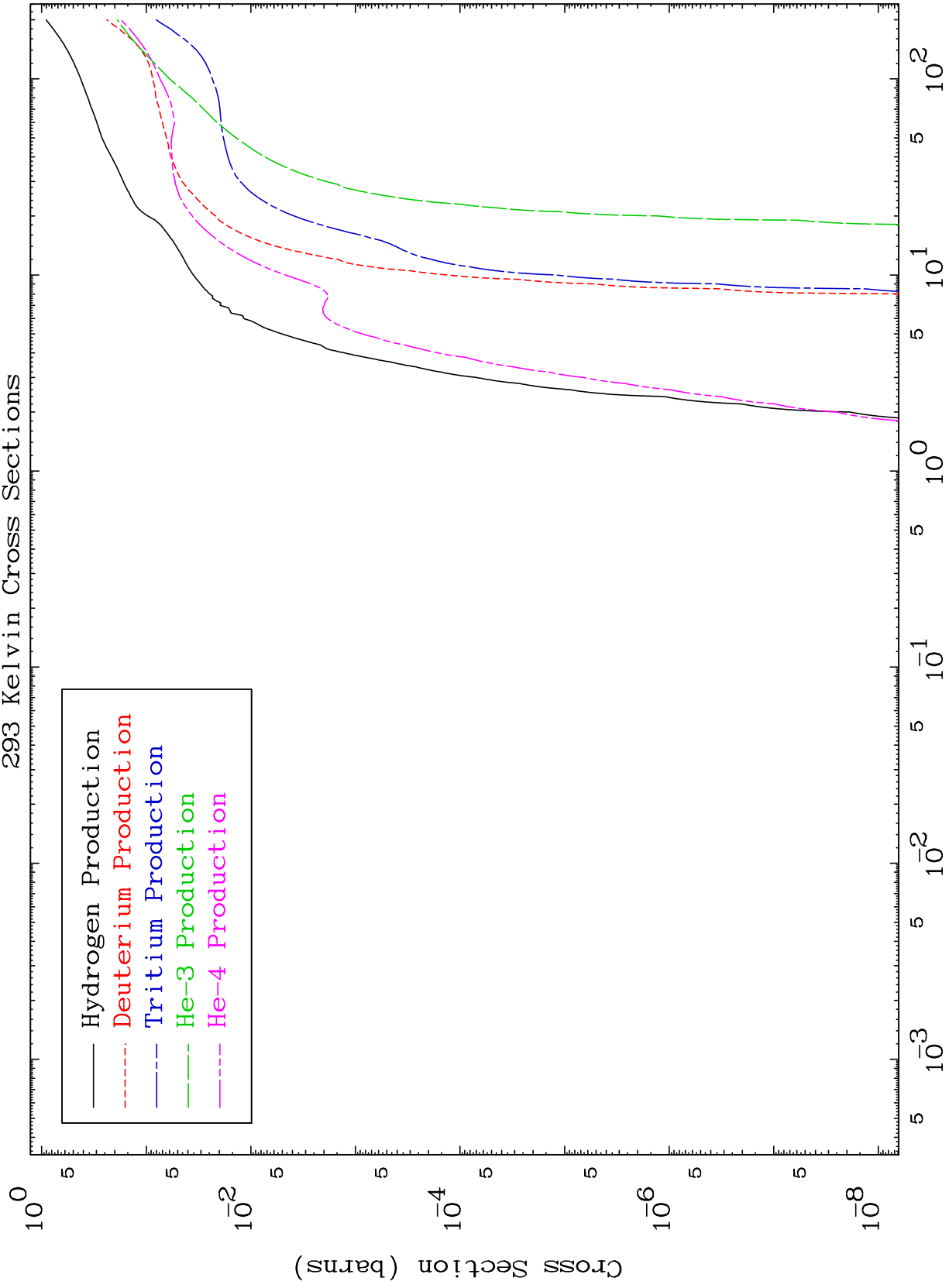


23-V -52

MAT 2331

Particle Production  
293 Kelvin Cross Sections

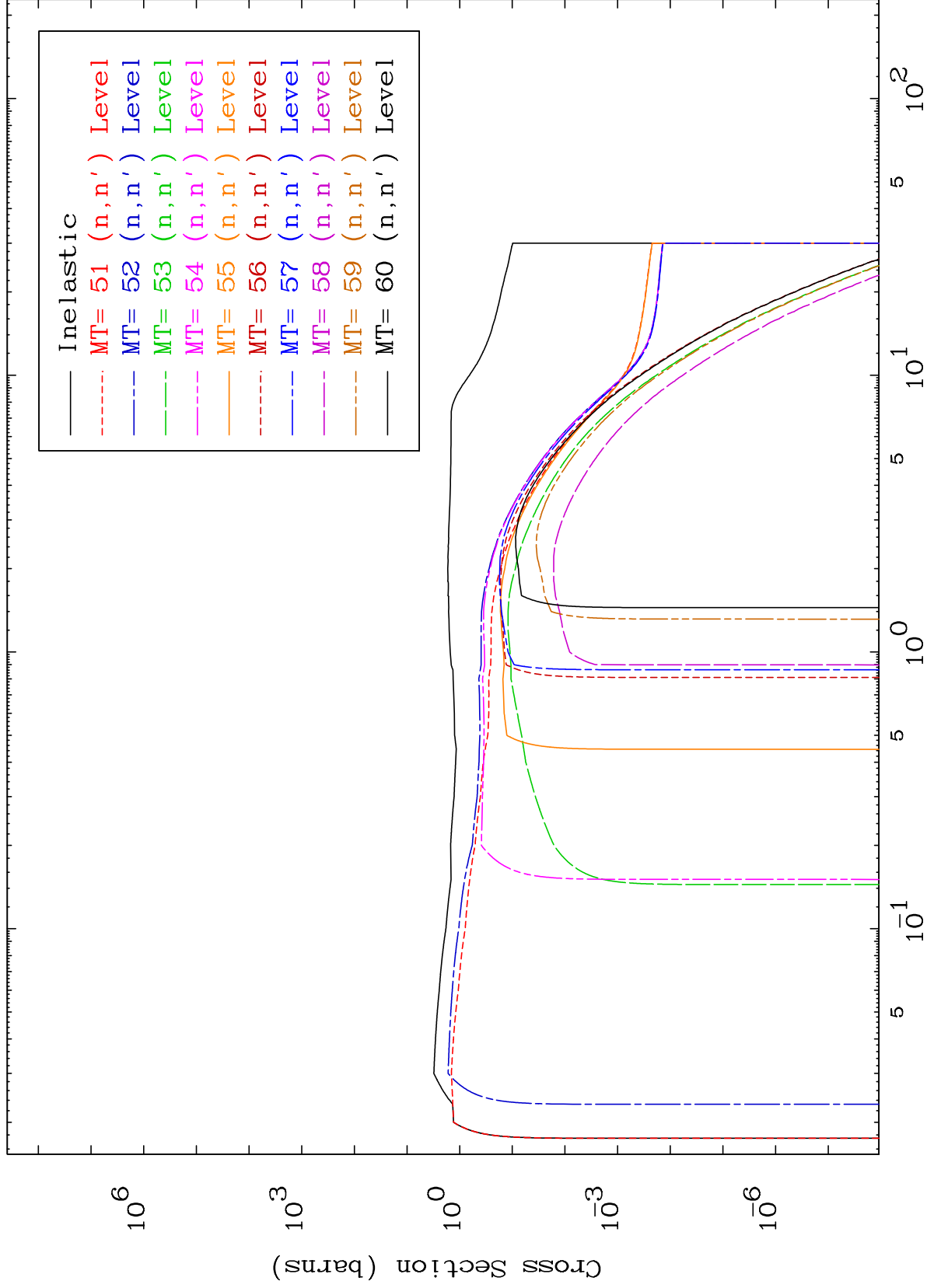
23-V -52



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Incident Energy (MeV)

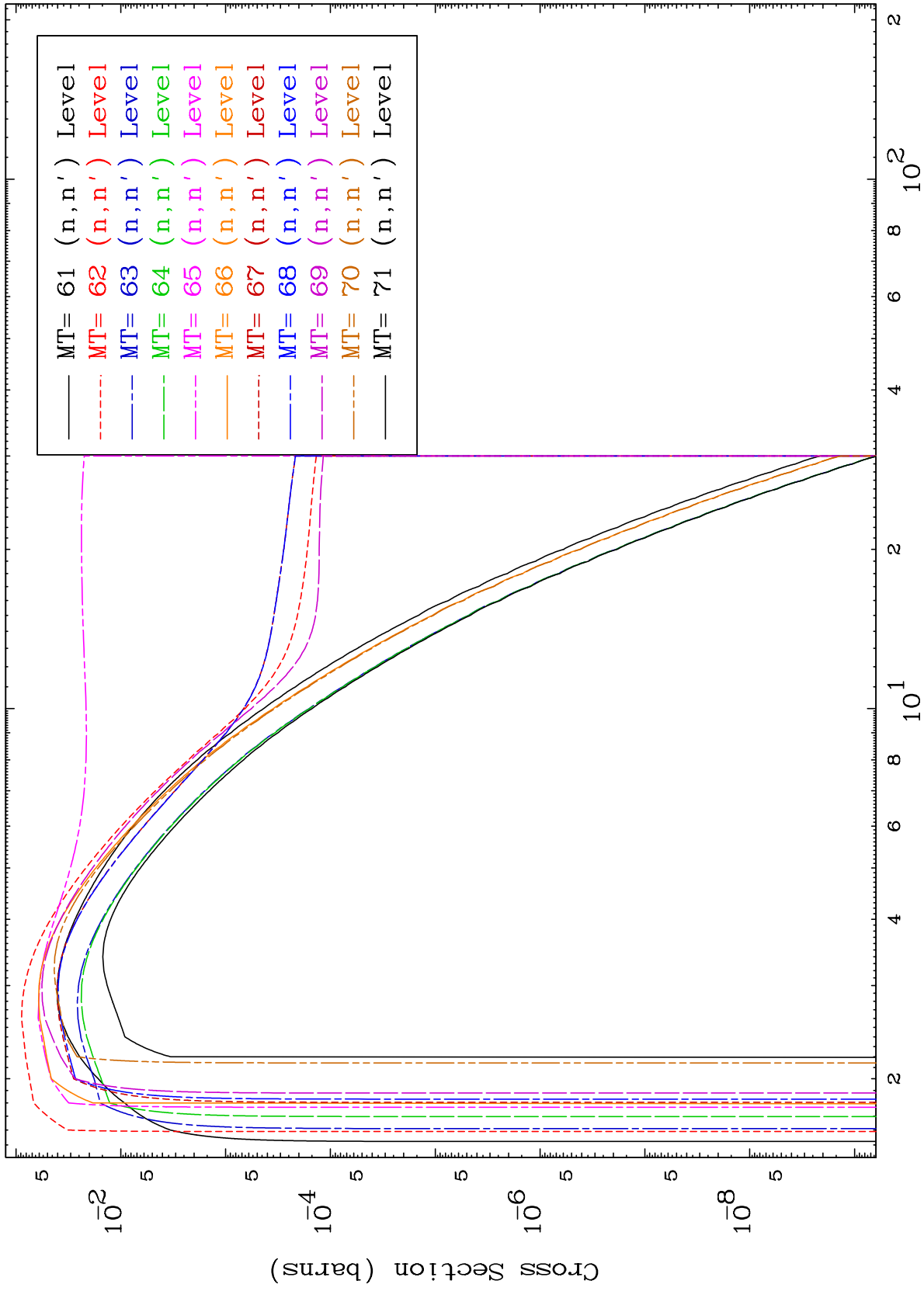
23-V -52



MAT 2331

(n,n') Level  
293 Kelvin Cross Sections

23-V -52



7

Incident Energy (MeV)

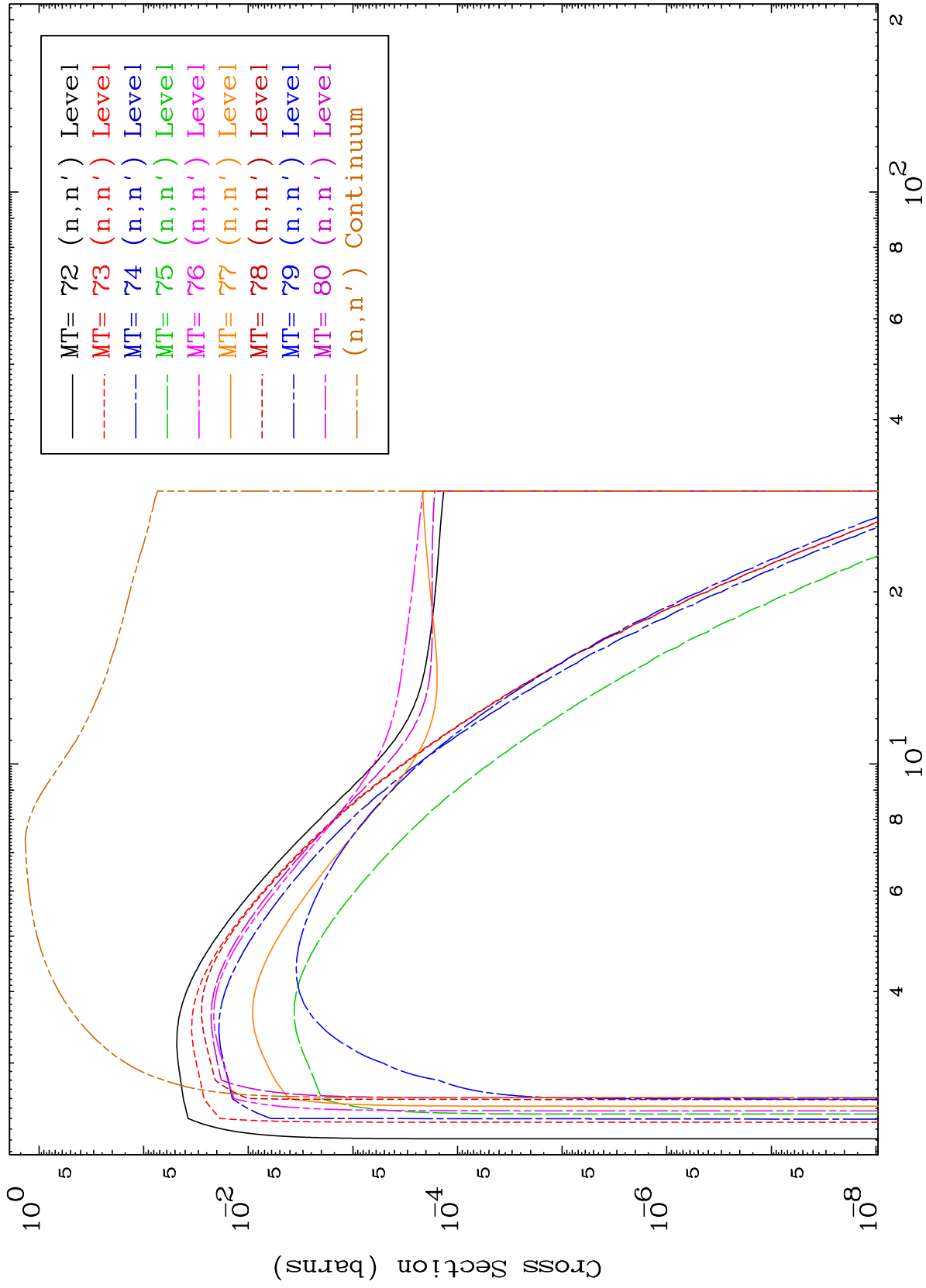
23-V -52



MAT 2331

(n,n') Level  
293 Kelvin Cross Sections

23-V -52



8

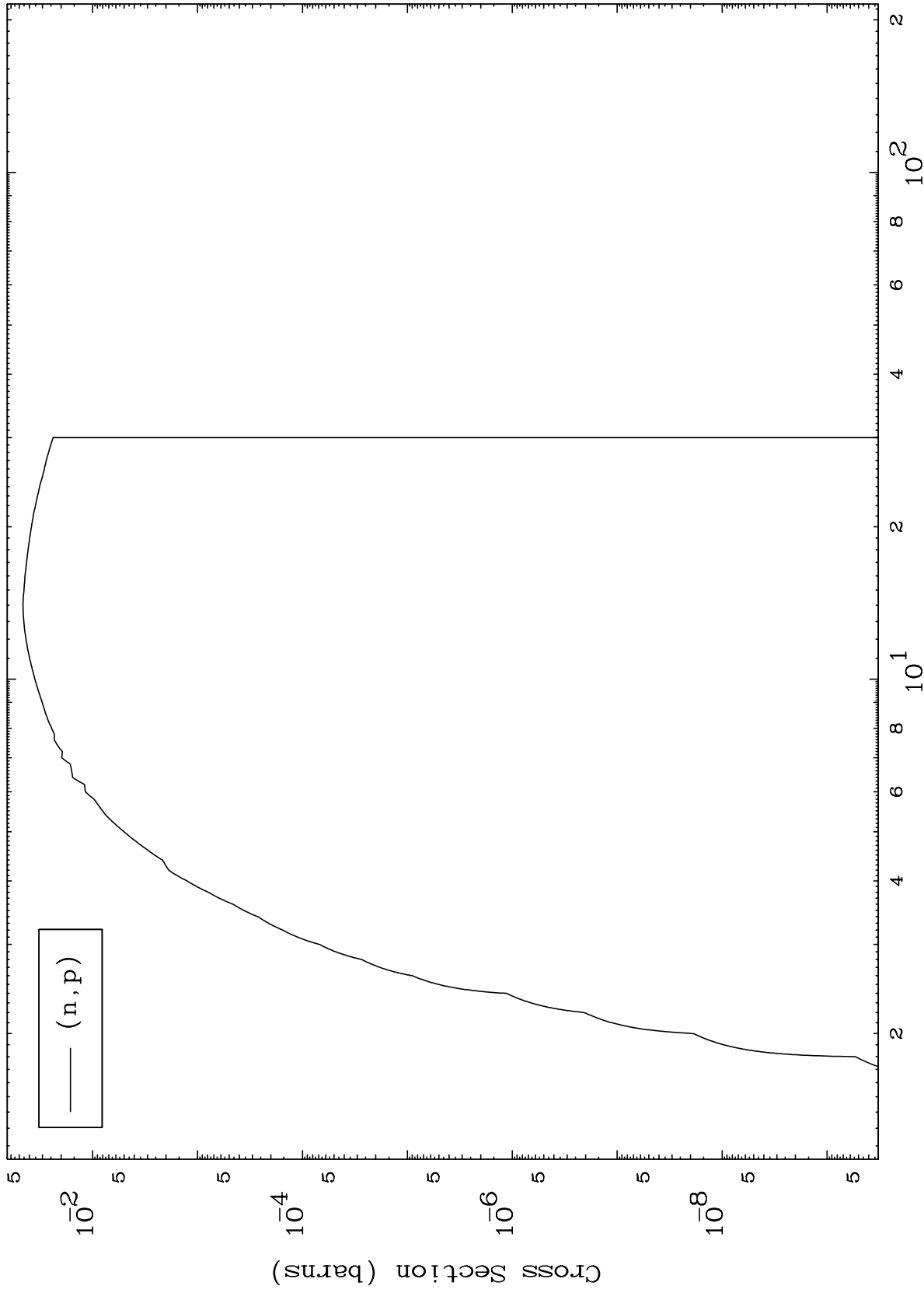
Incident Energy (MeV)

23-V -52

MAT 2331

(n,p) Levels  
293 Kelvin Cross Sections

23-V -52



9

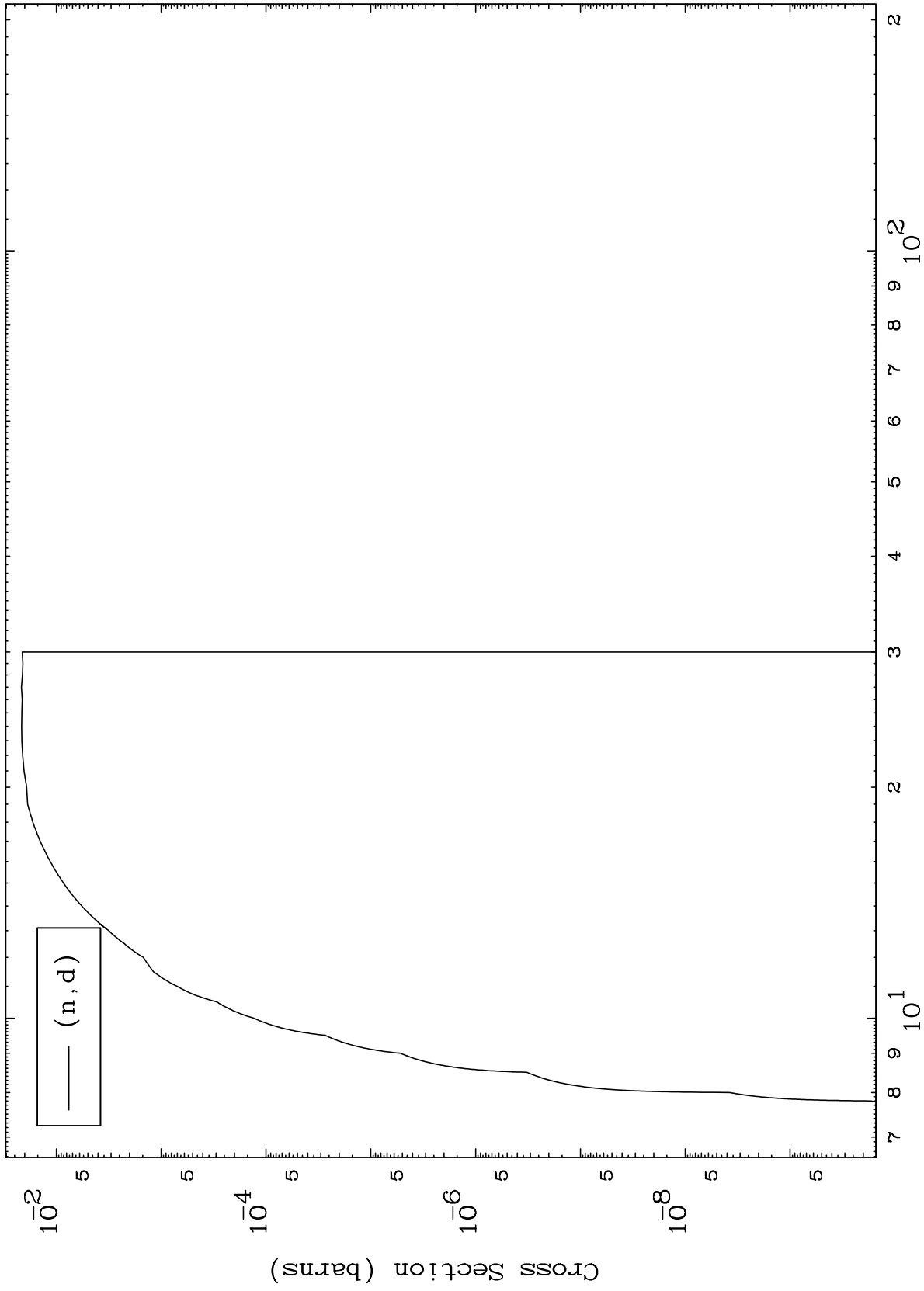
Incident Energy (MeV)

23-V -52

MAT 2331

(n,d) Levels  
293 Kelvin Cross Sections

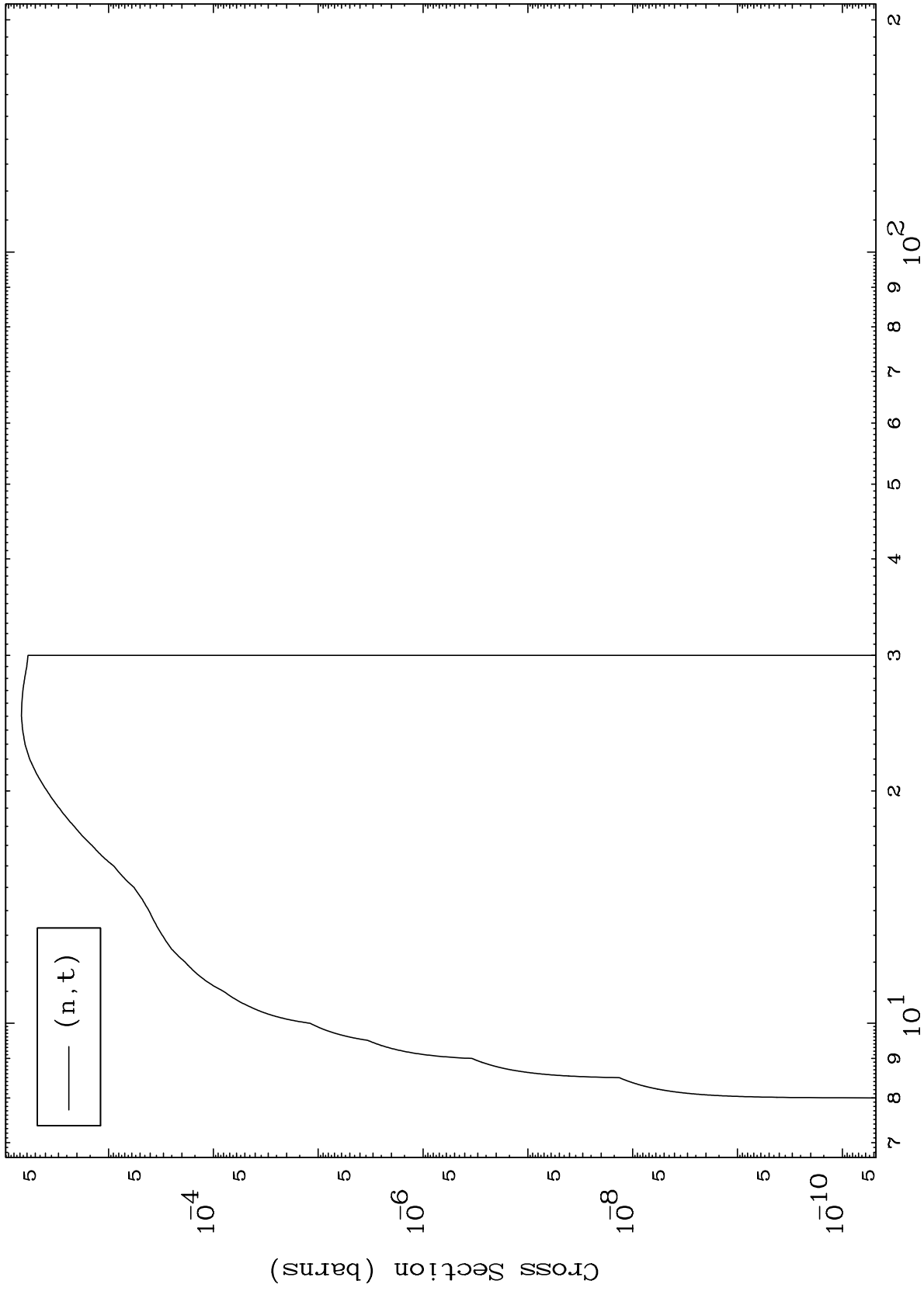
23-V -52

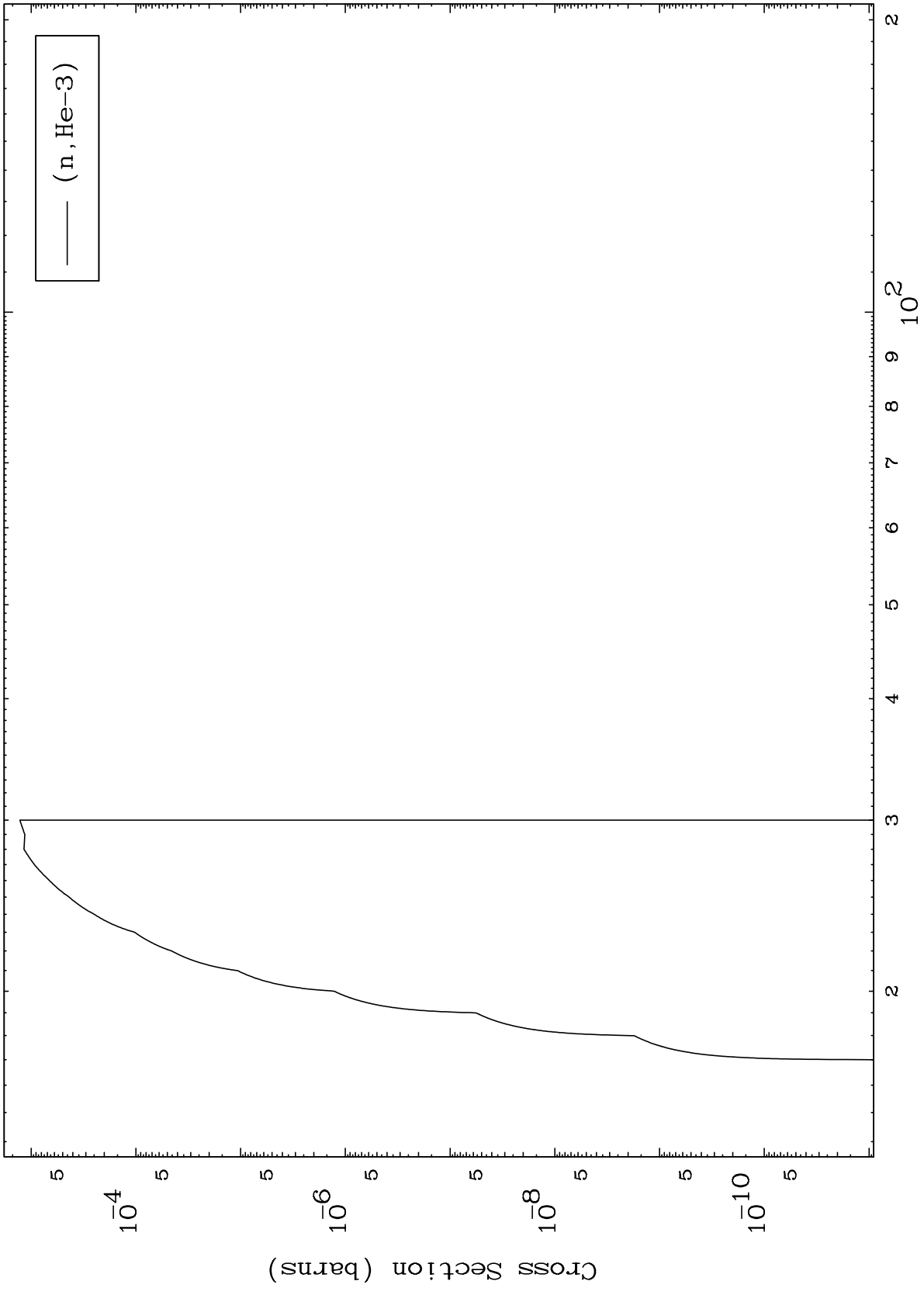


10

Incident Energy (MeV)

23-V -52

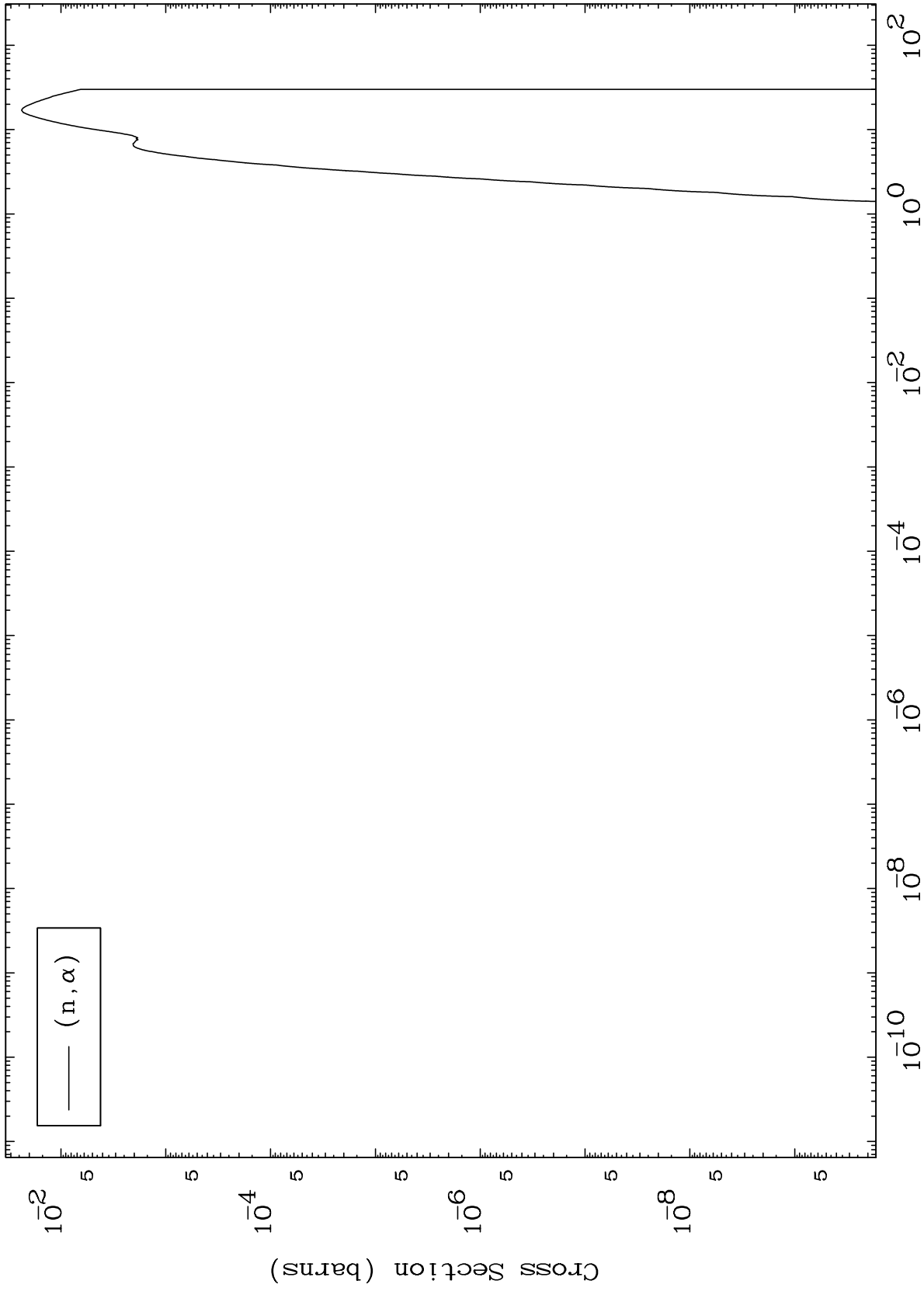




MAT 2331

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

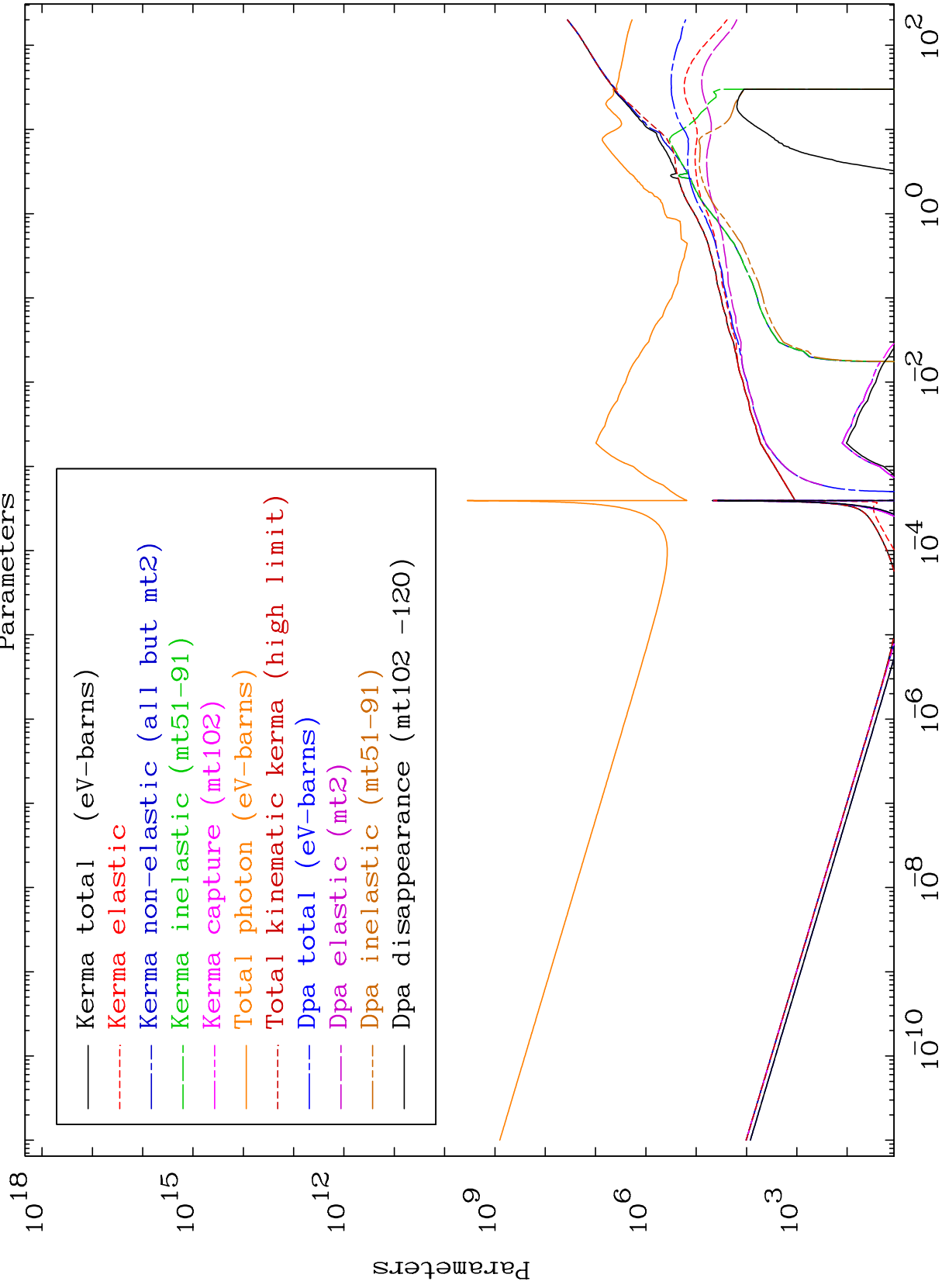
23-V -52



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Incident Energy (MeV)

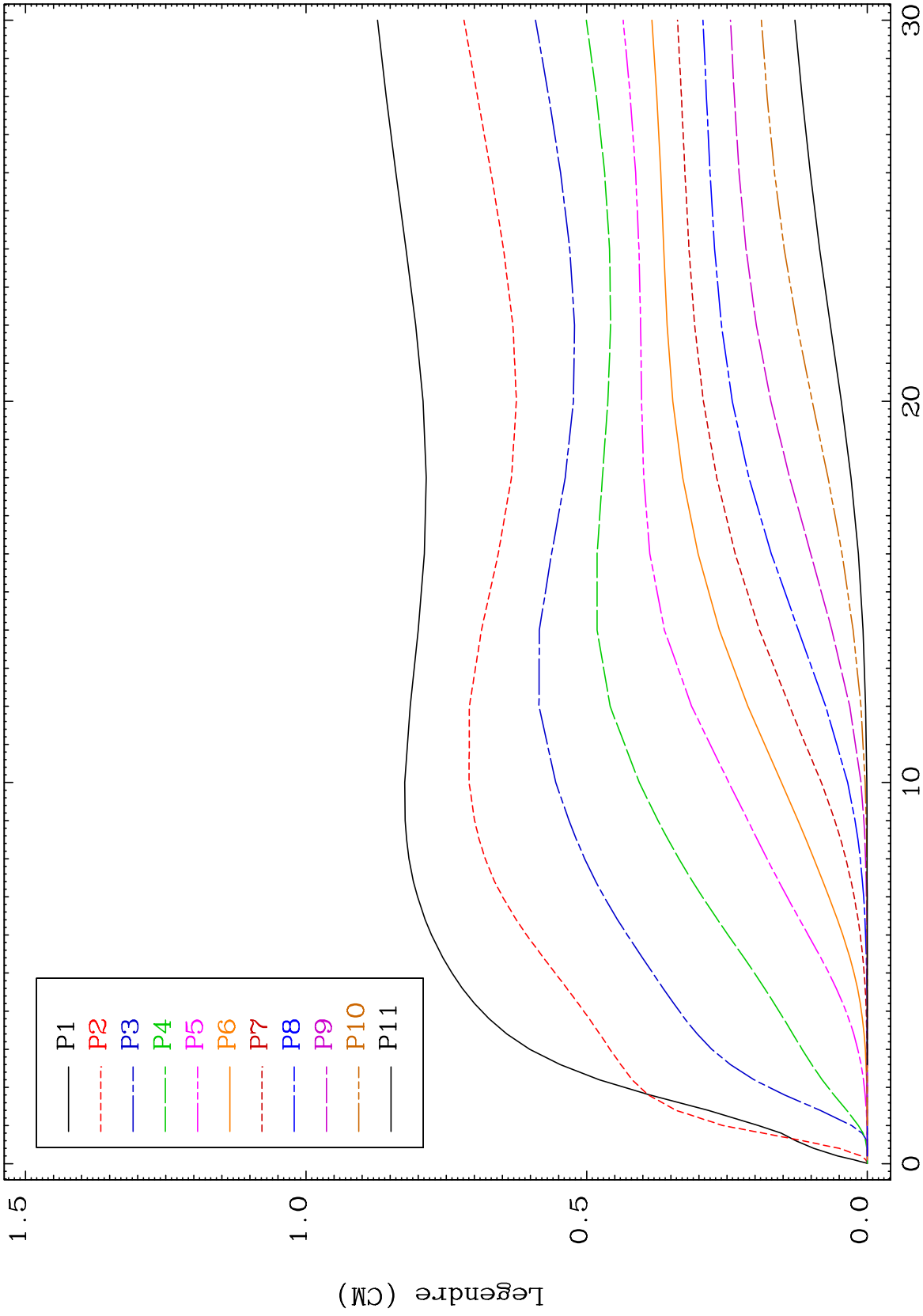
23-V -52



MAT 2331

Elastic Legendre Coefficients

23-V -52



15

Incident Energy (MeV)

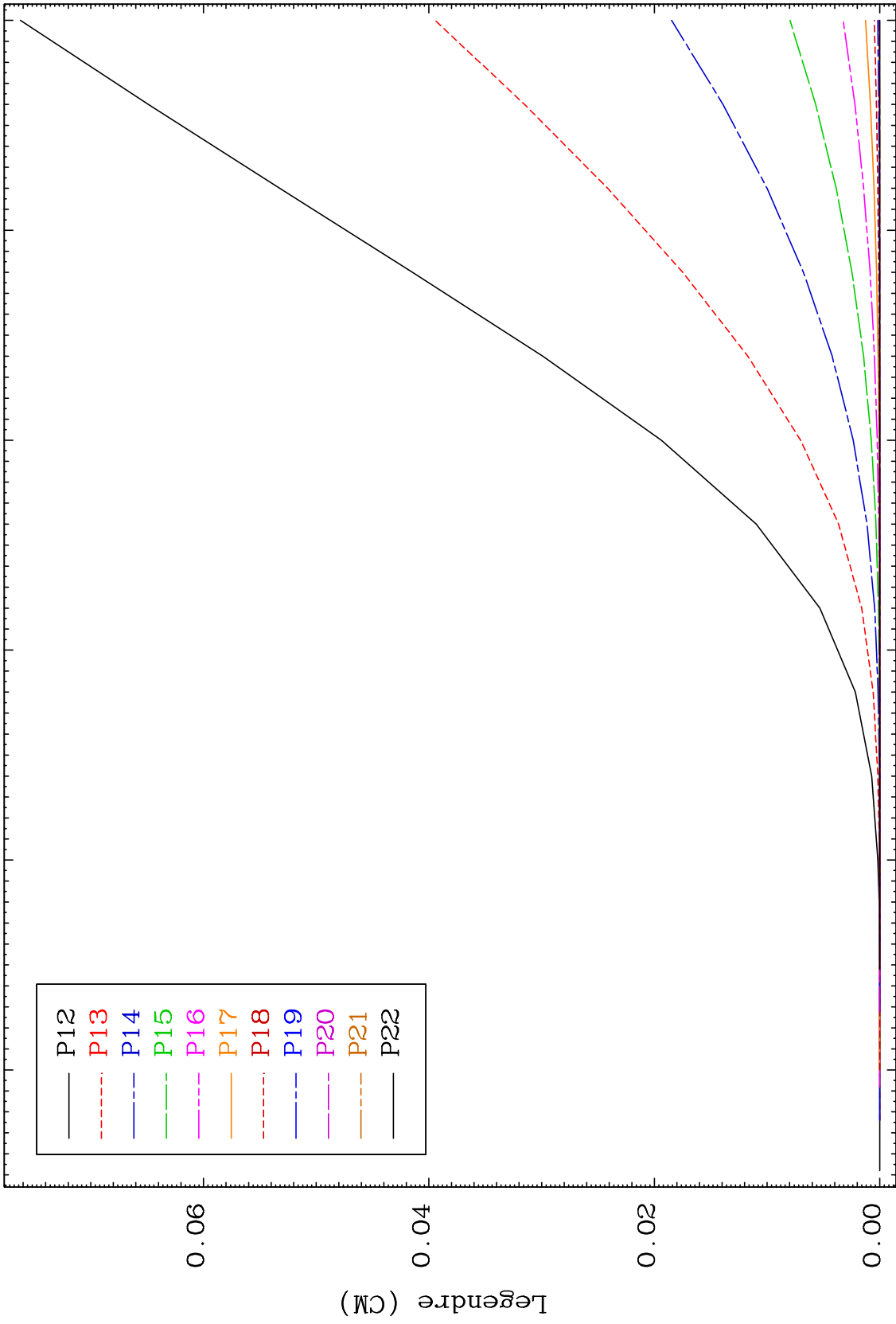
23-V -52



MAT 2331

Elastic Legendre Coefficients

23-V -52



16

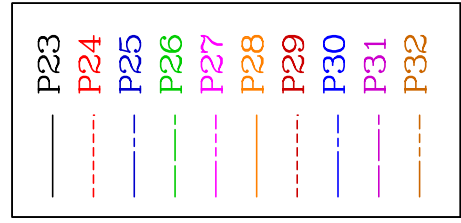
Incident Energy (MeV)

23-V -52

MAT 2331

Elastic Legendre Coefficients

23-V -52



17

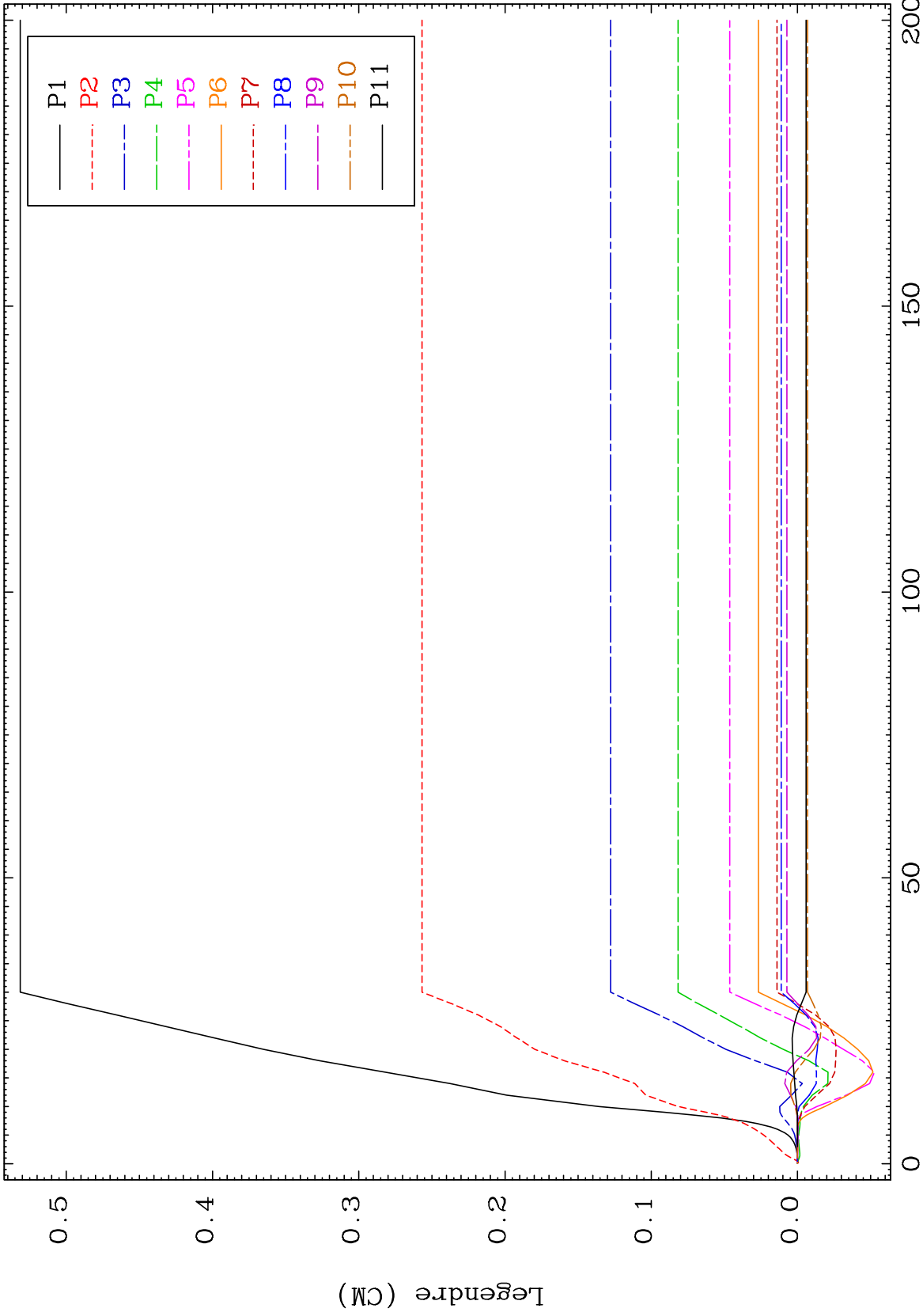
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



18

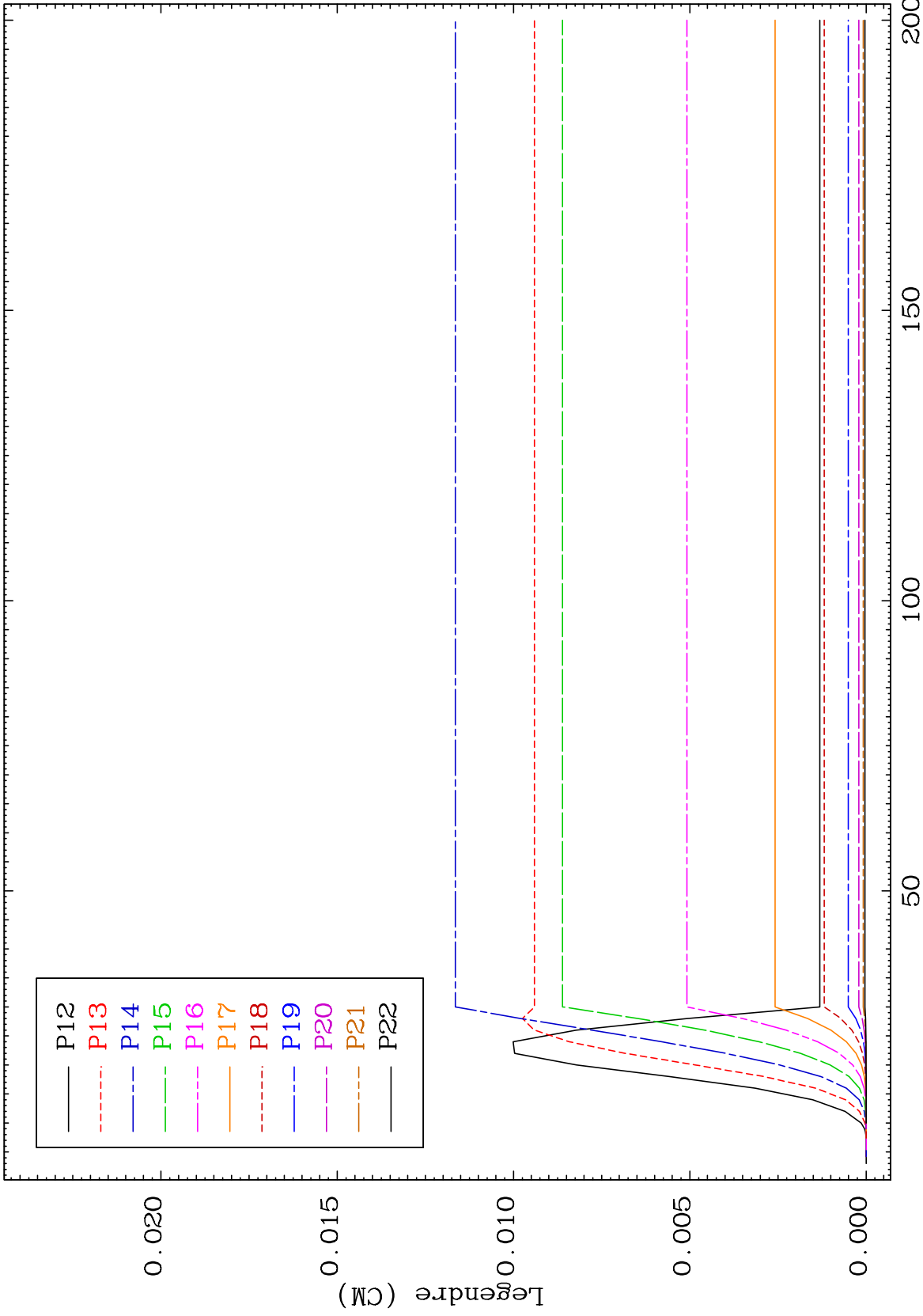
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



19

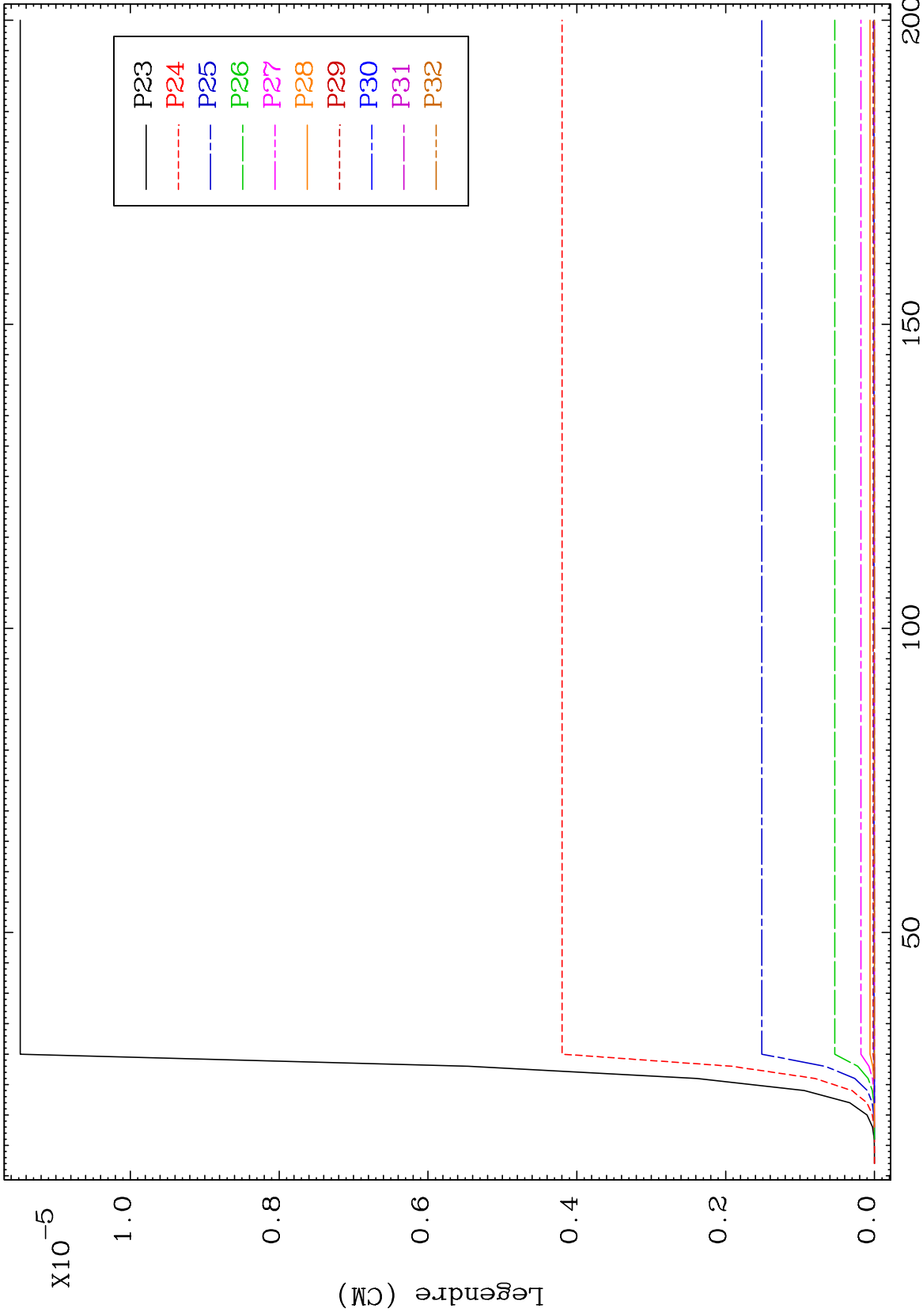
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



20

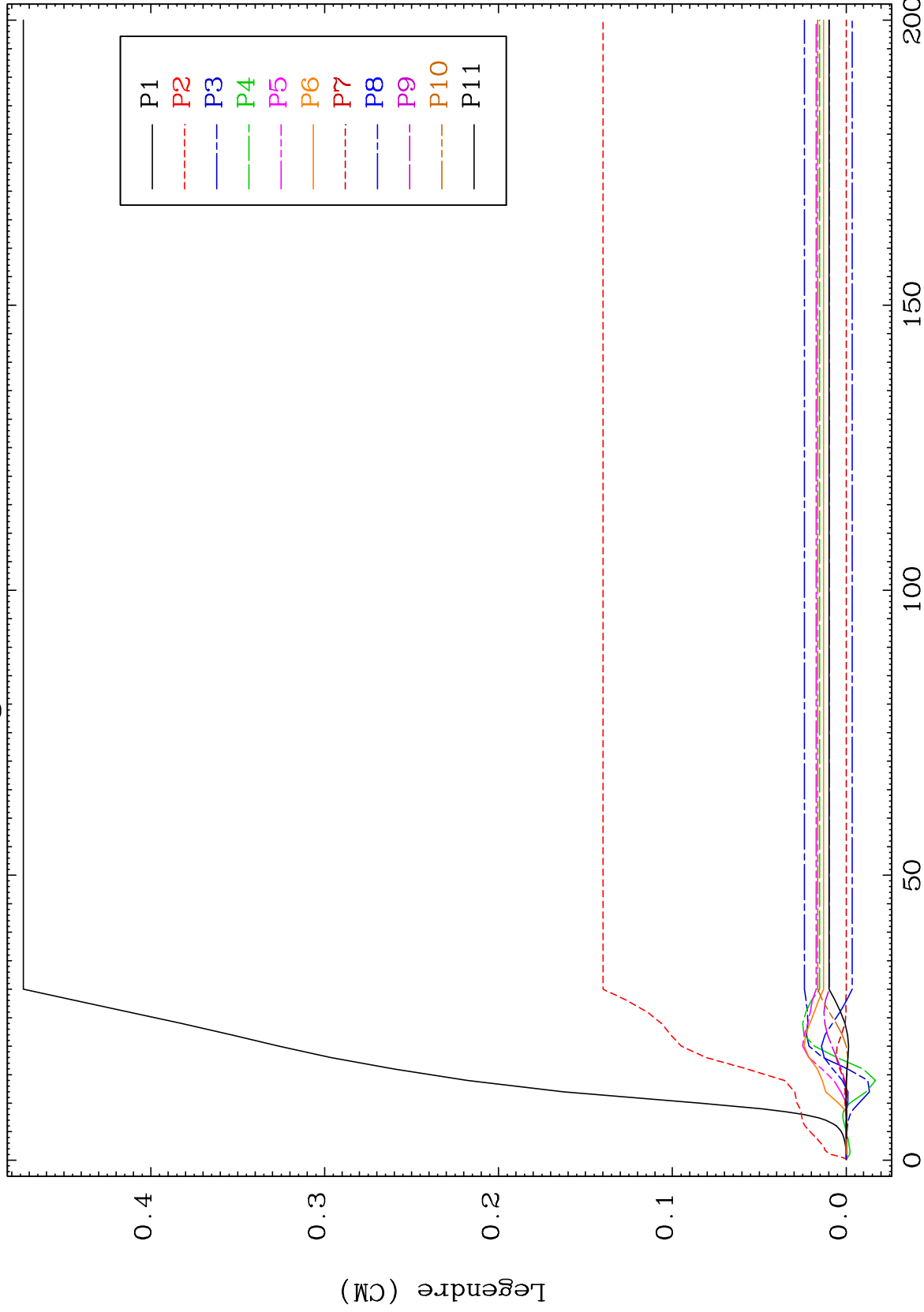
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



21

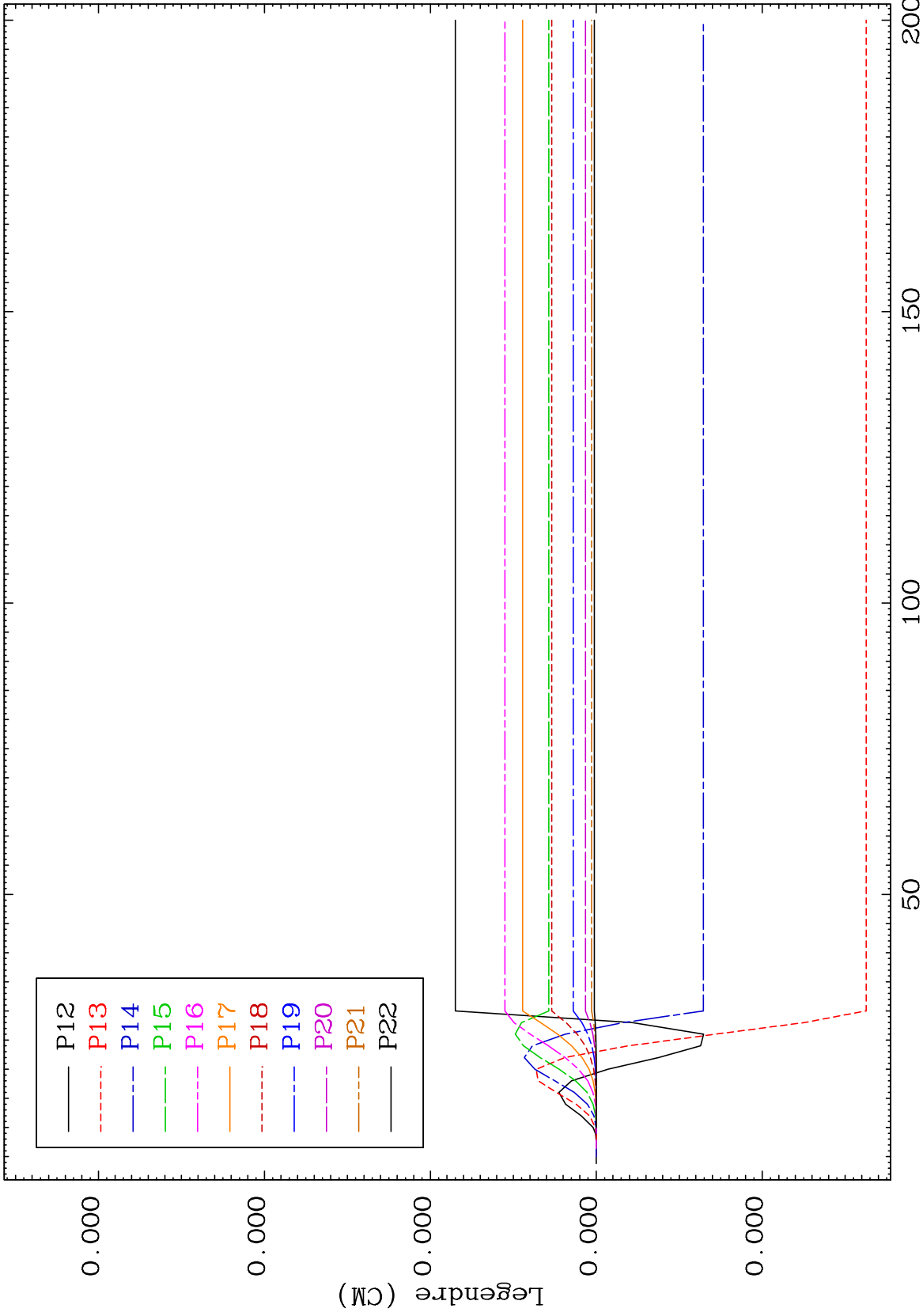
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



22

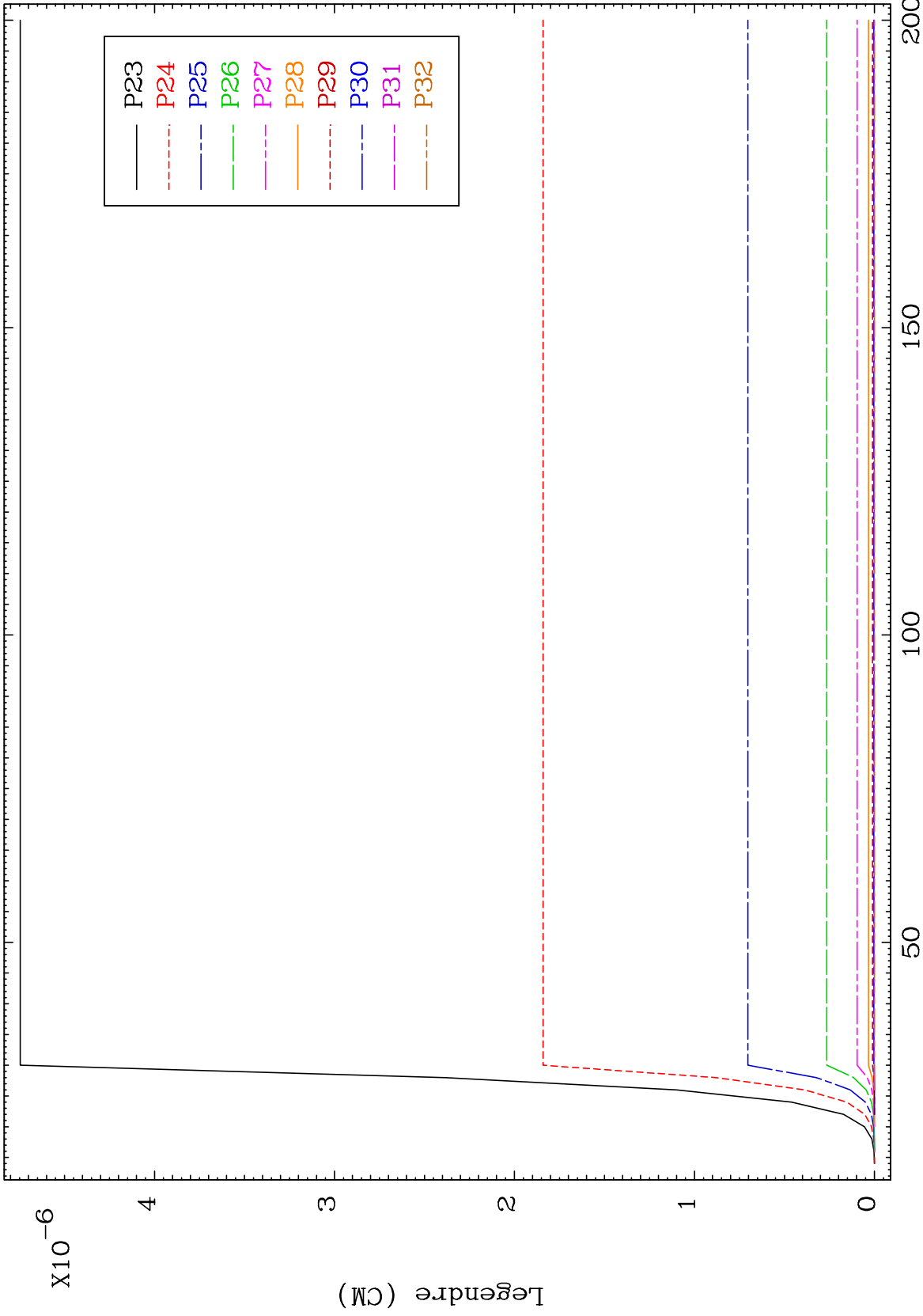
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



23

Incident Energy (MeV)

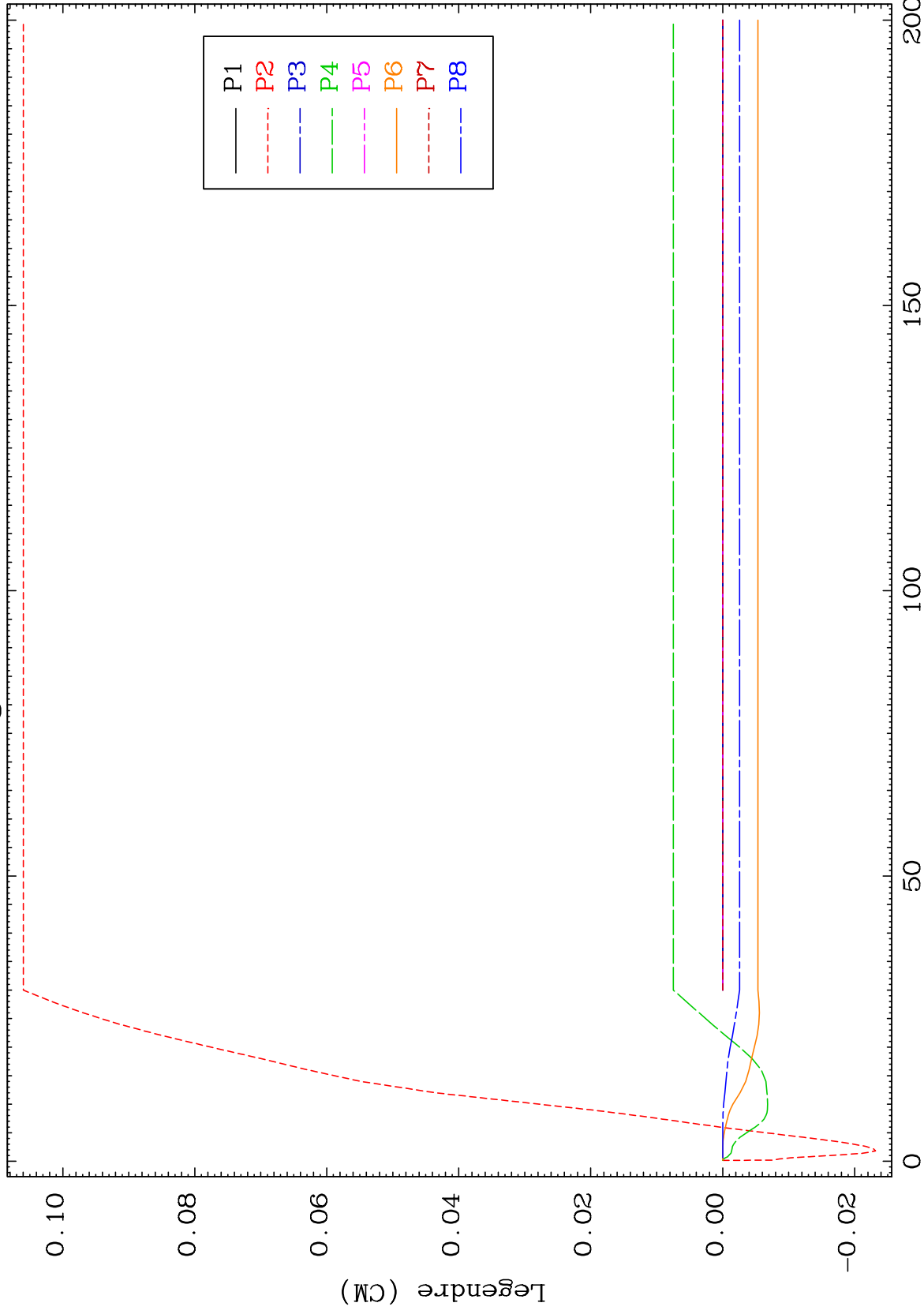
23-V -52



MAT 2331

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

23-V -52



24

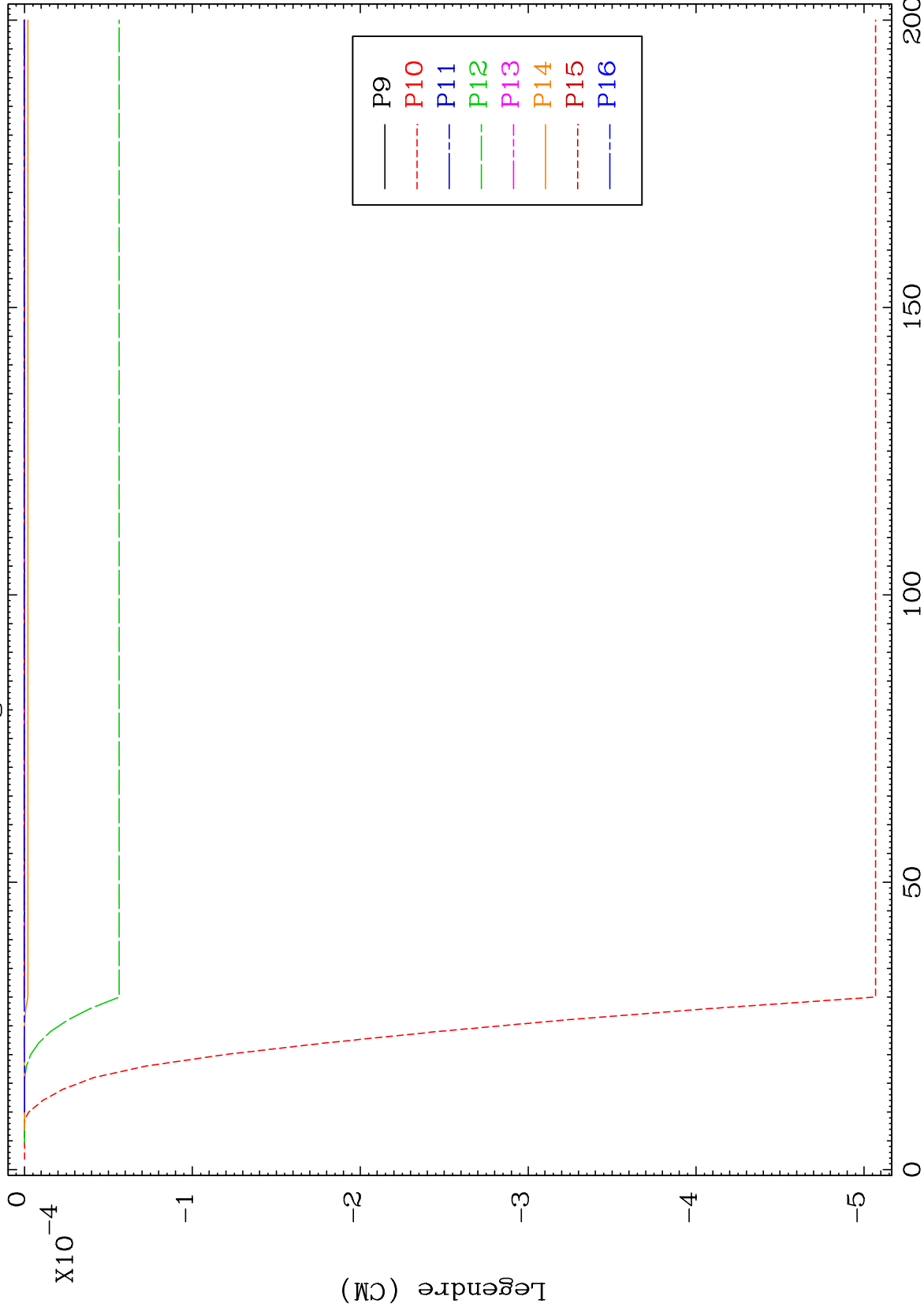
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52

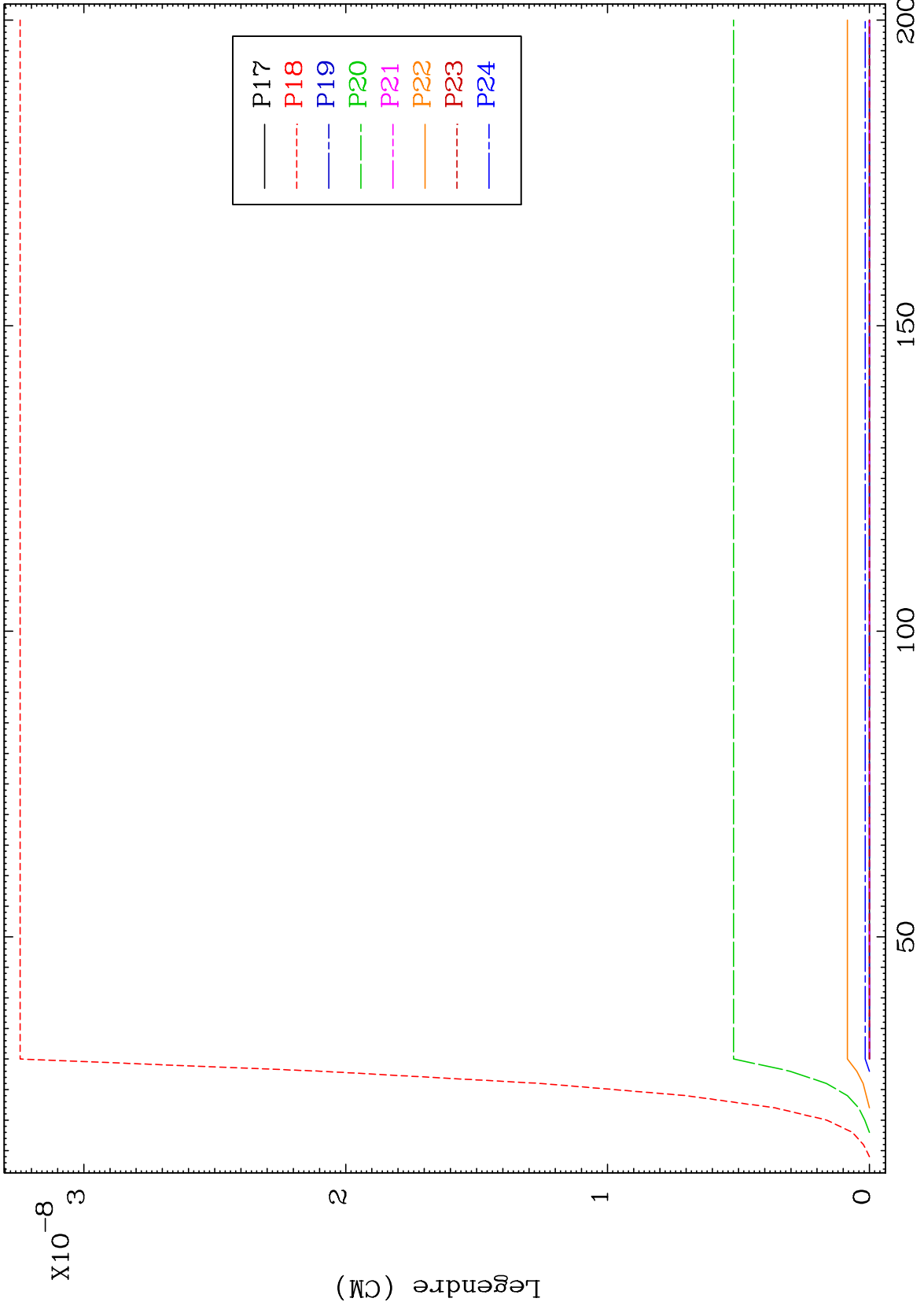


25

Incident Energy (MeV)

23-V -52

MAT 2331 MT= 53 (n,n') Level Legendre Coefficients 23-V -52

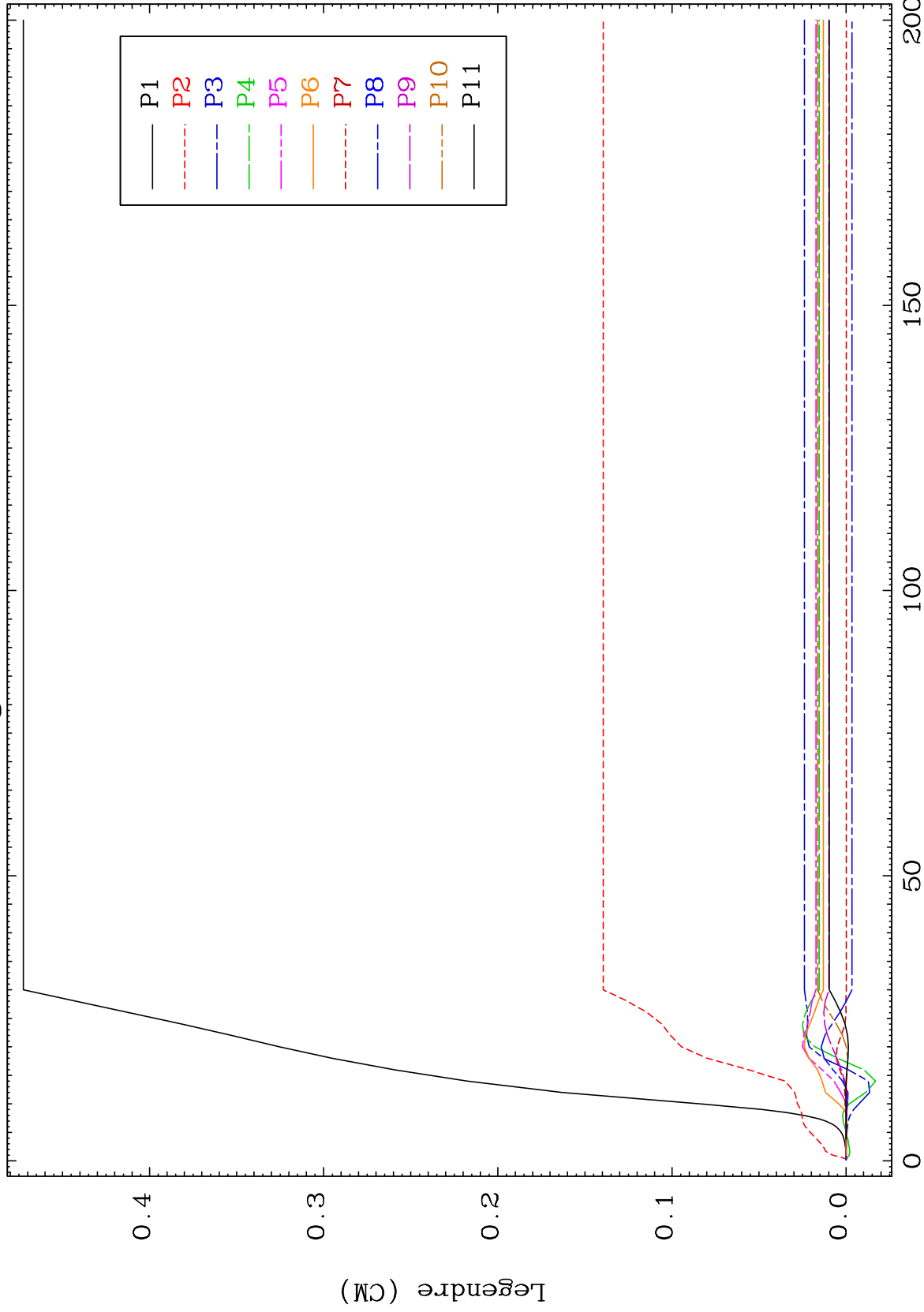


26 Incident Energy (MeV) 23-V -52

MAT 2331

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

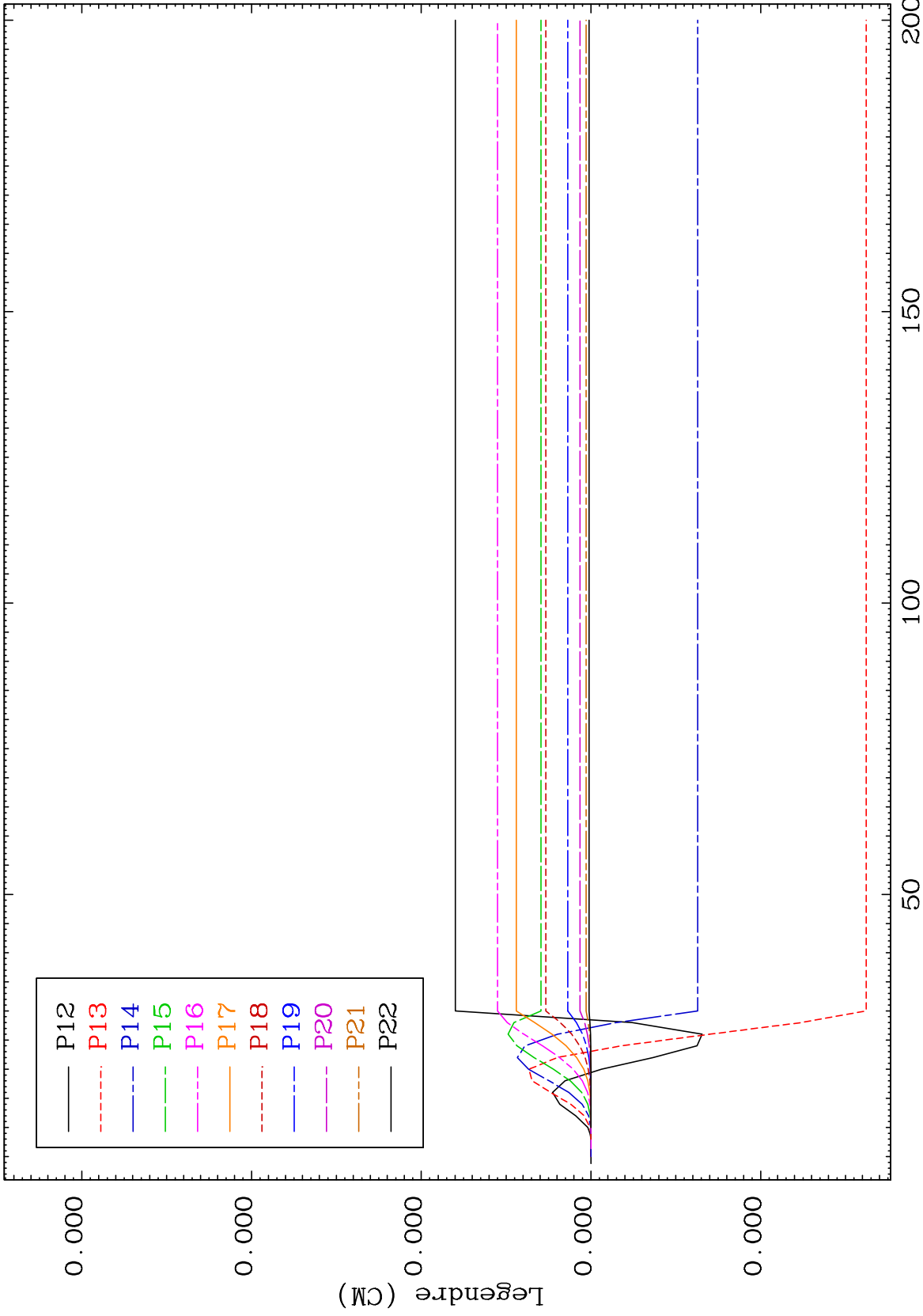
23-V -52



27

Incident Energy (MeV)

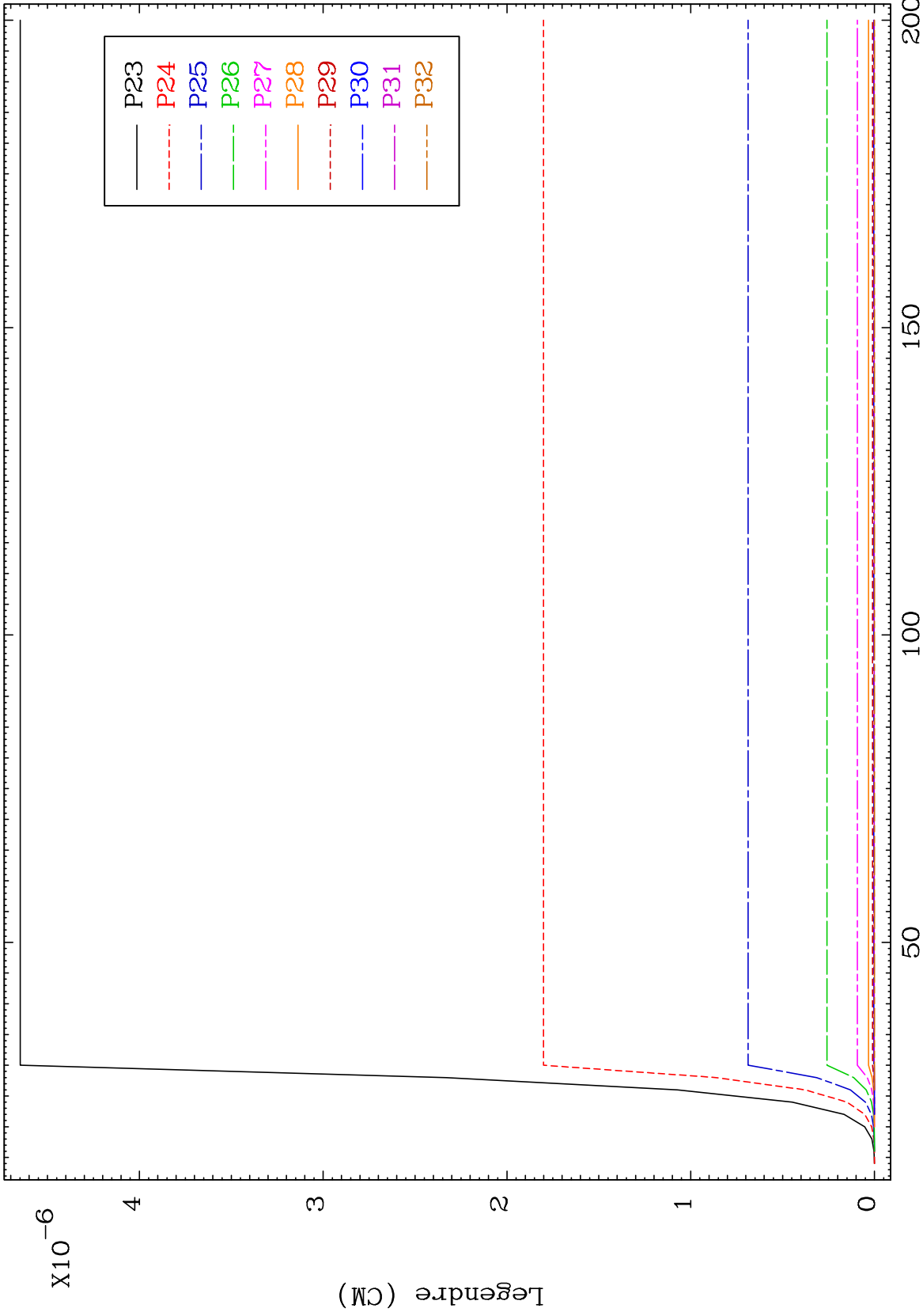
23-V -52



MAT 2331

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

23-V -52



29

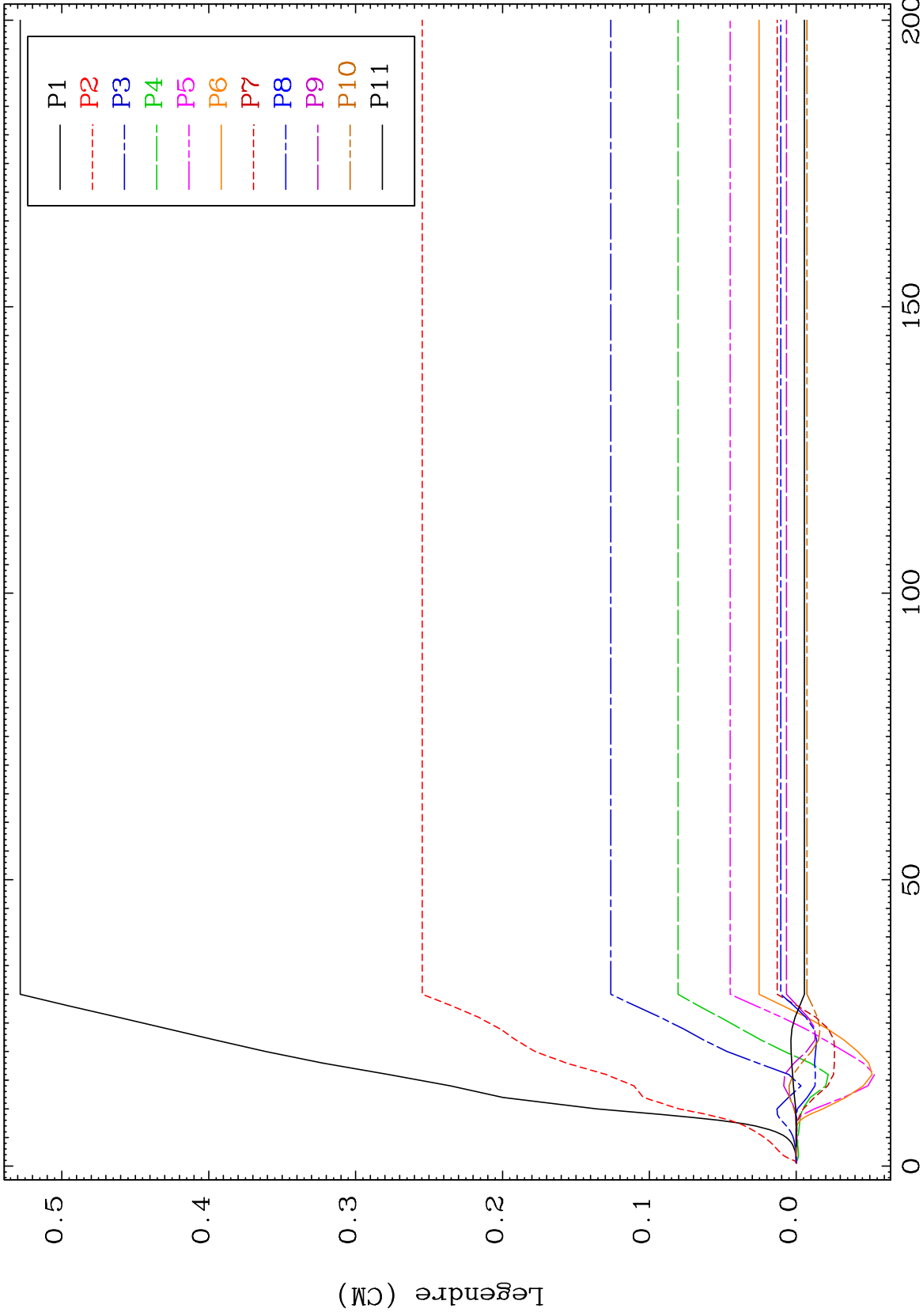
Incident Energy (MeV)

23-V -52

MAT 2331

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

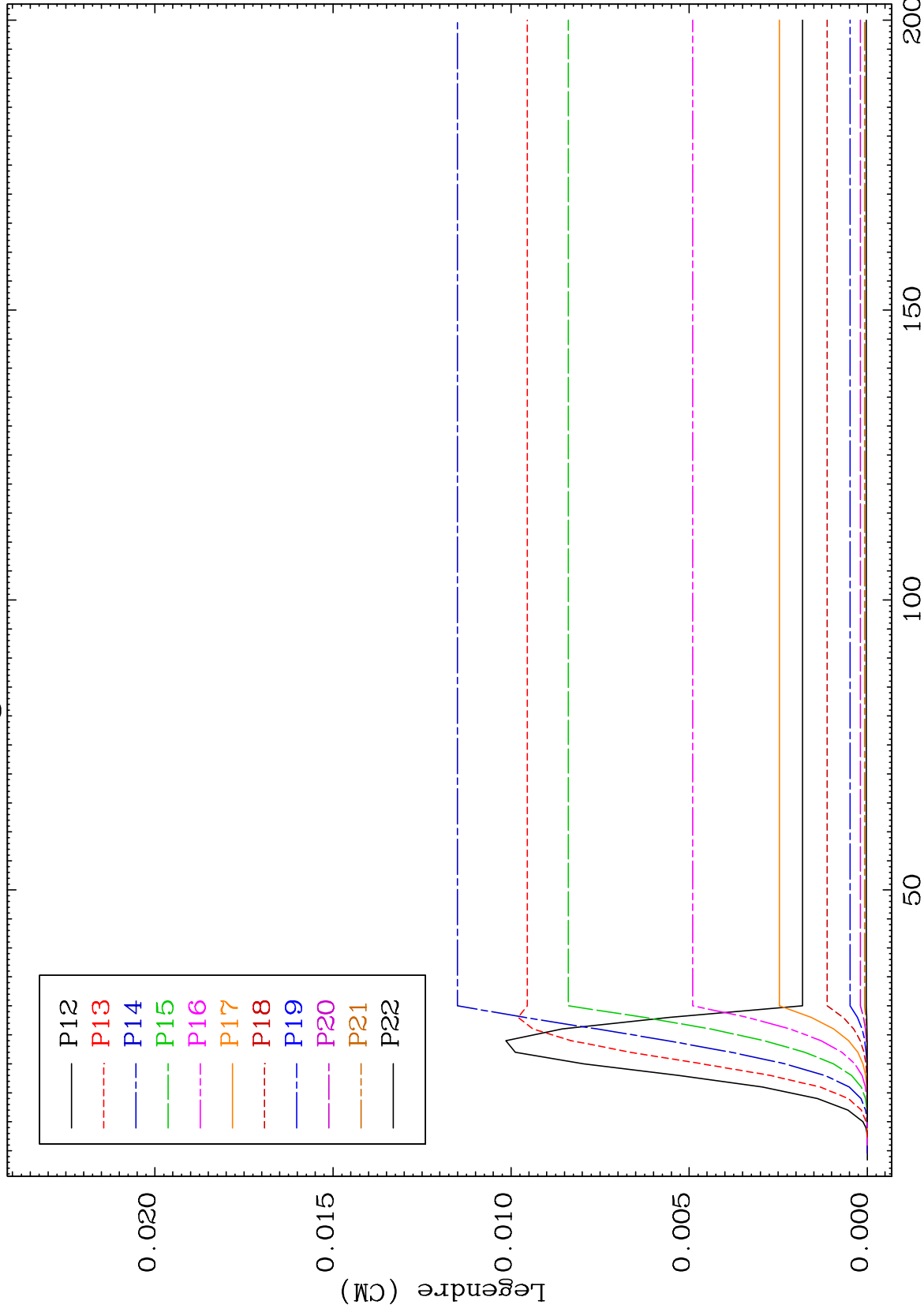
23-V -52



30

Incident Energy (MeV)

23-V -52

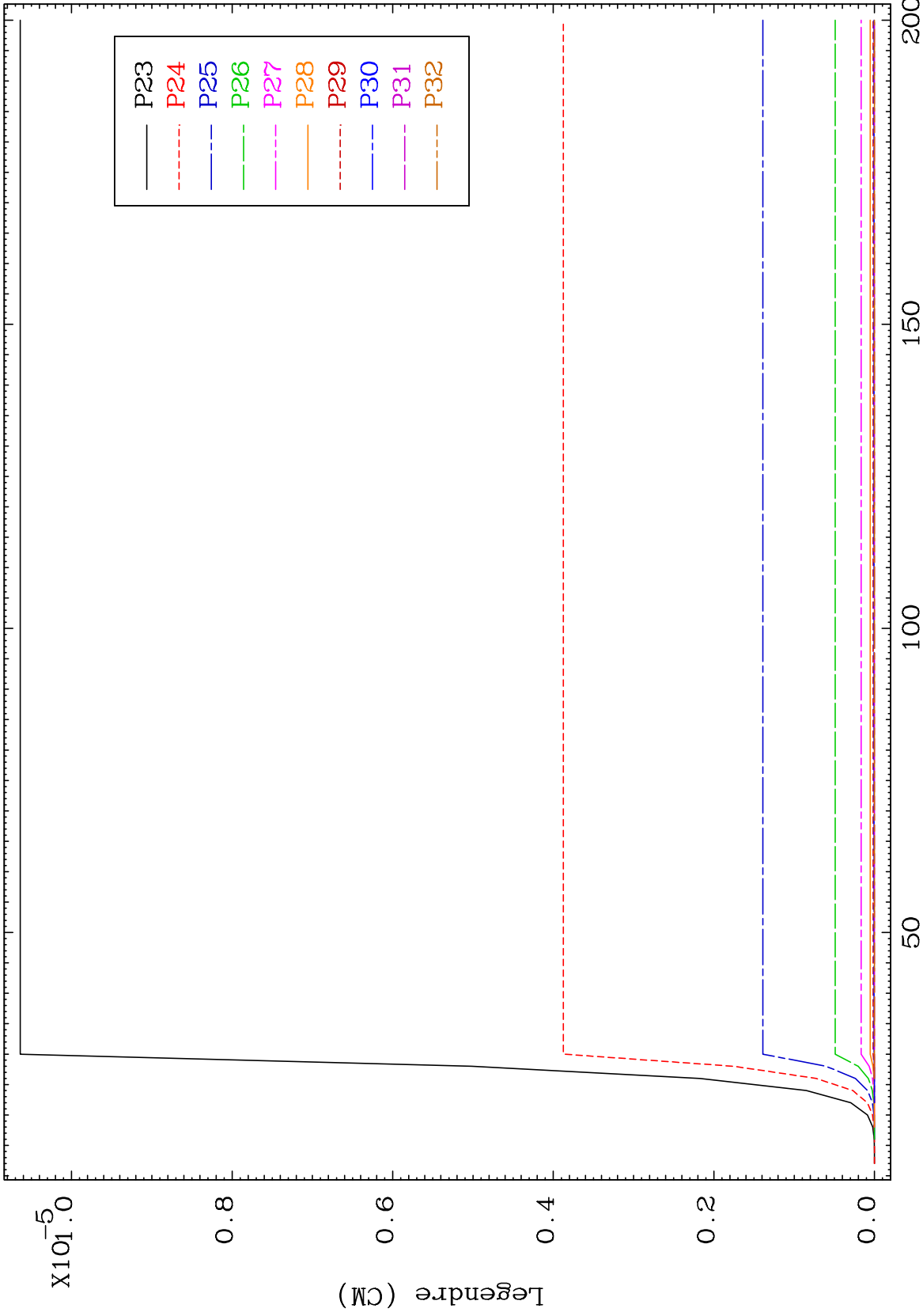




MAT 2331

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

23-V -52



32

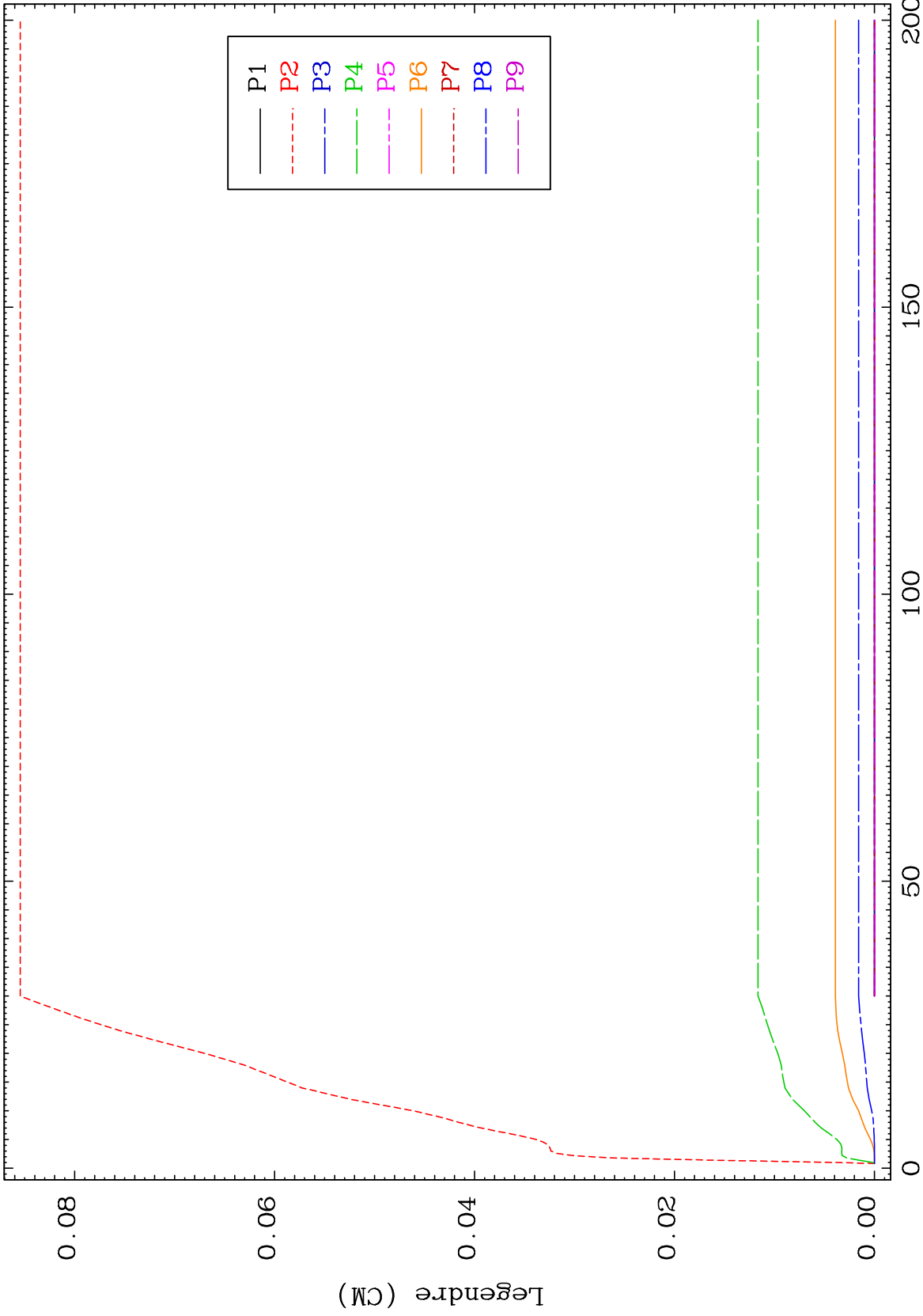
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



33

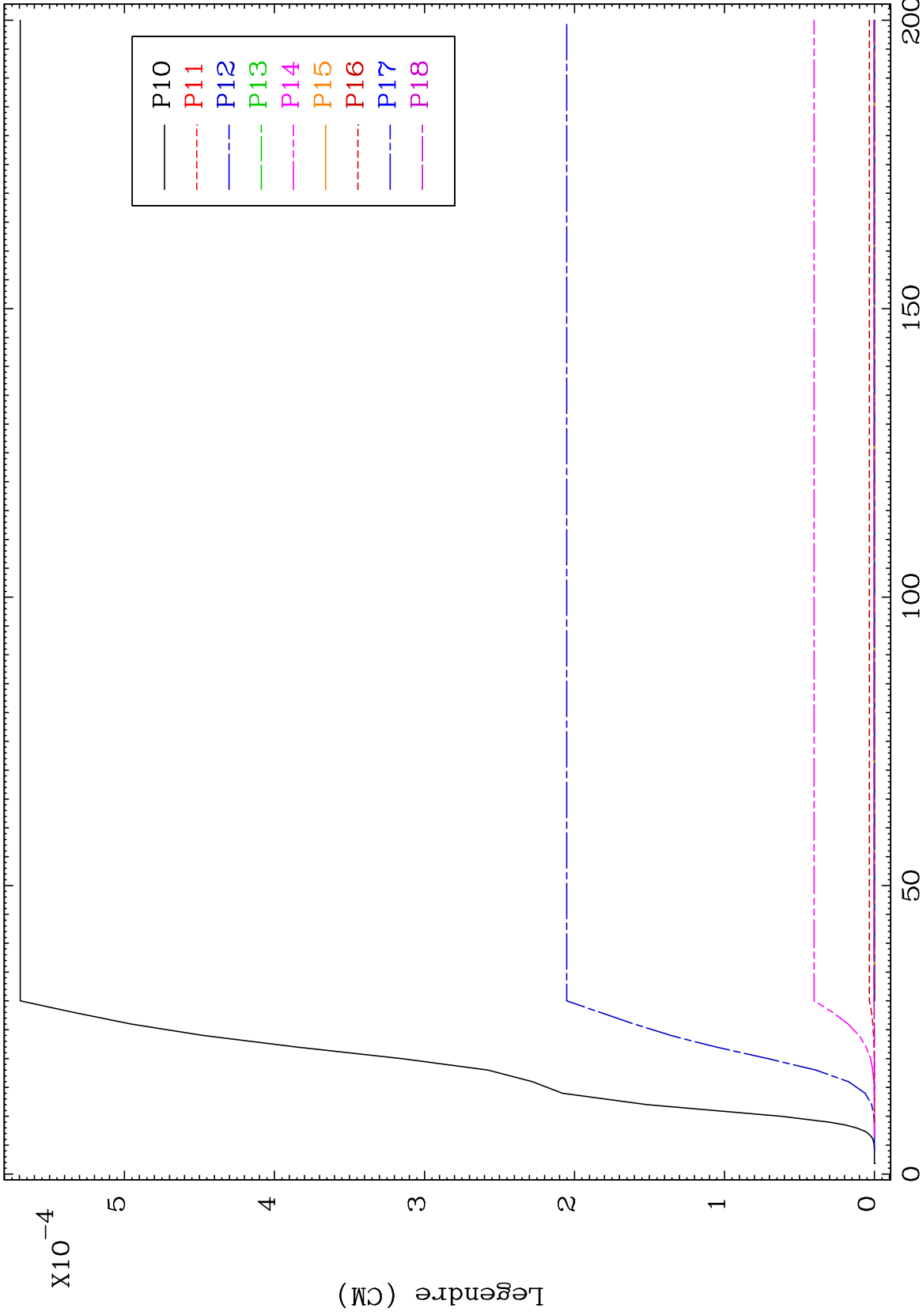
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52

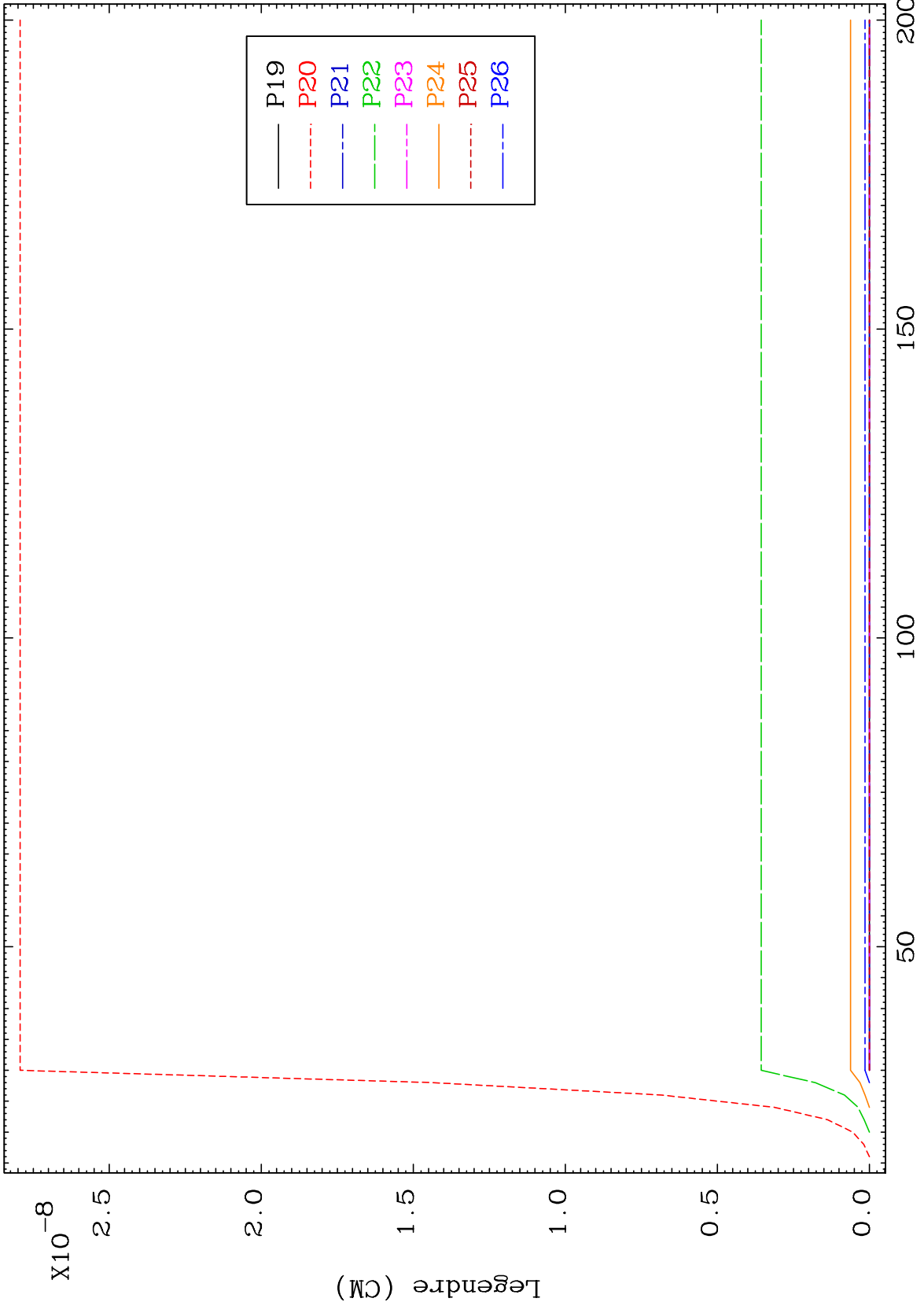


34

Incident Energy (MeV)

23-V -52

MAT 2331 MT= 56 (n,n') Level Legendre Coefficients 23-V -52

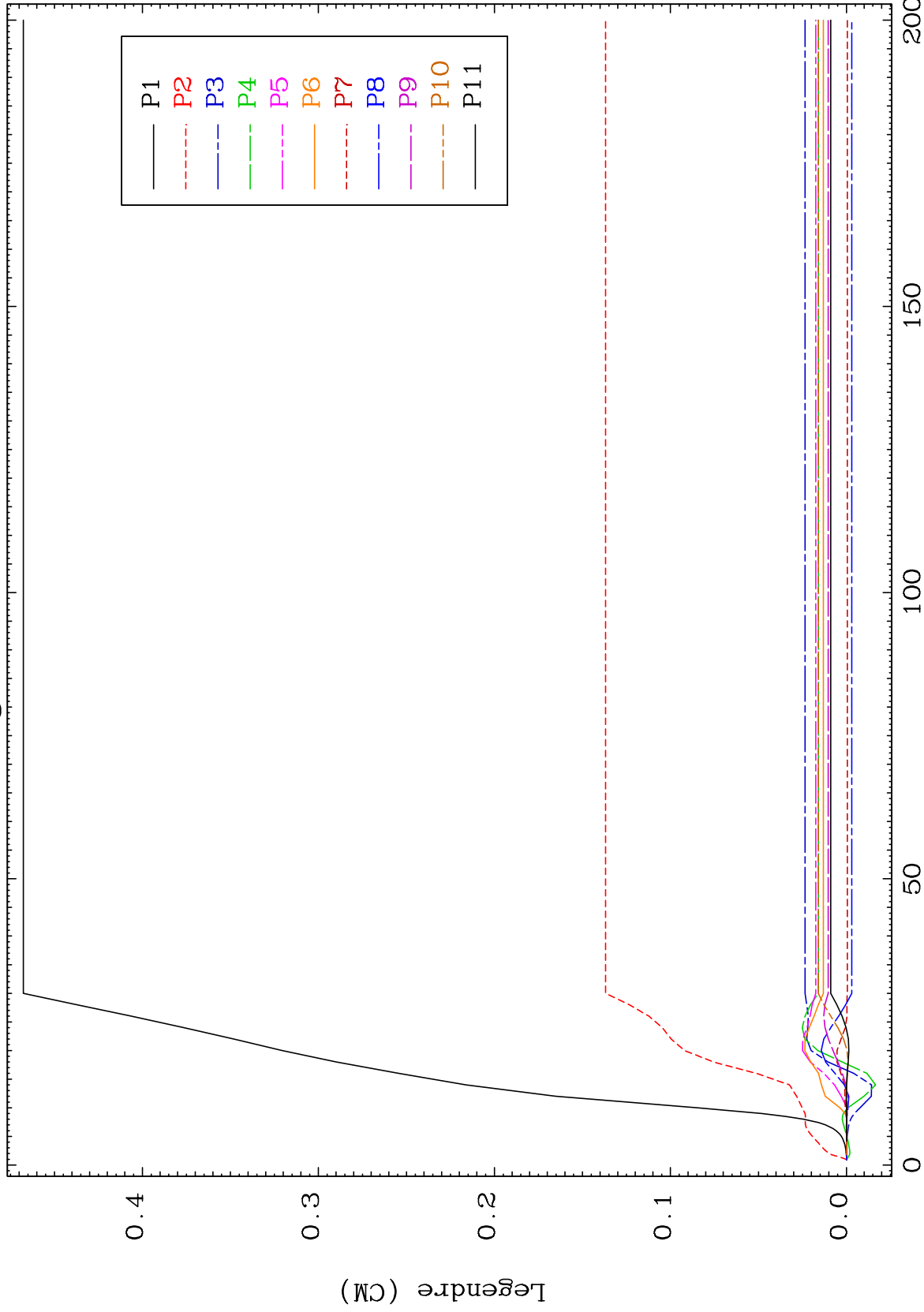


35 Incident Energy (MeV) 23-V -52

MAT 2331

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

23-V -52



36

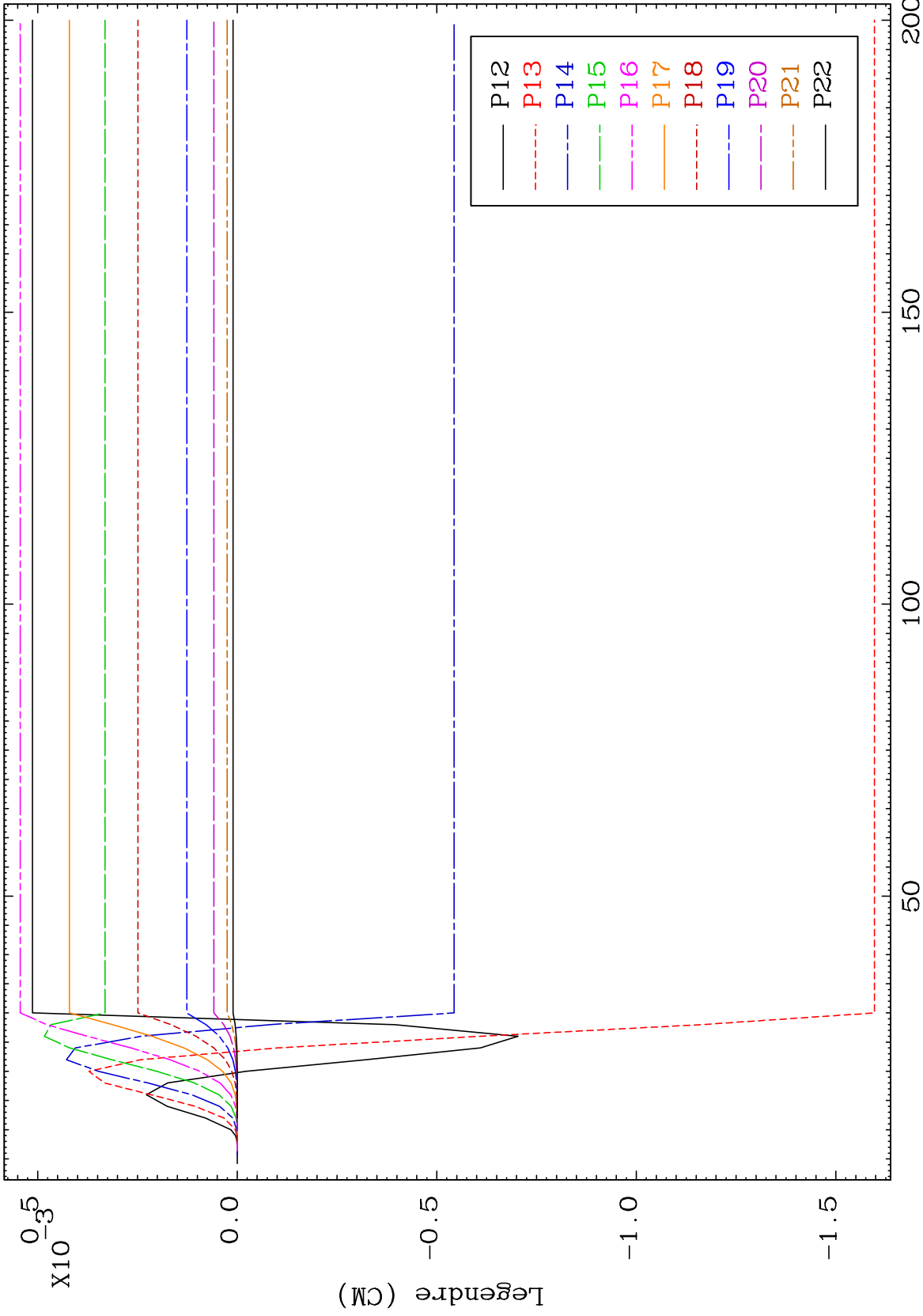
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



37

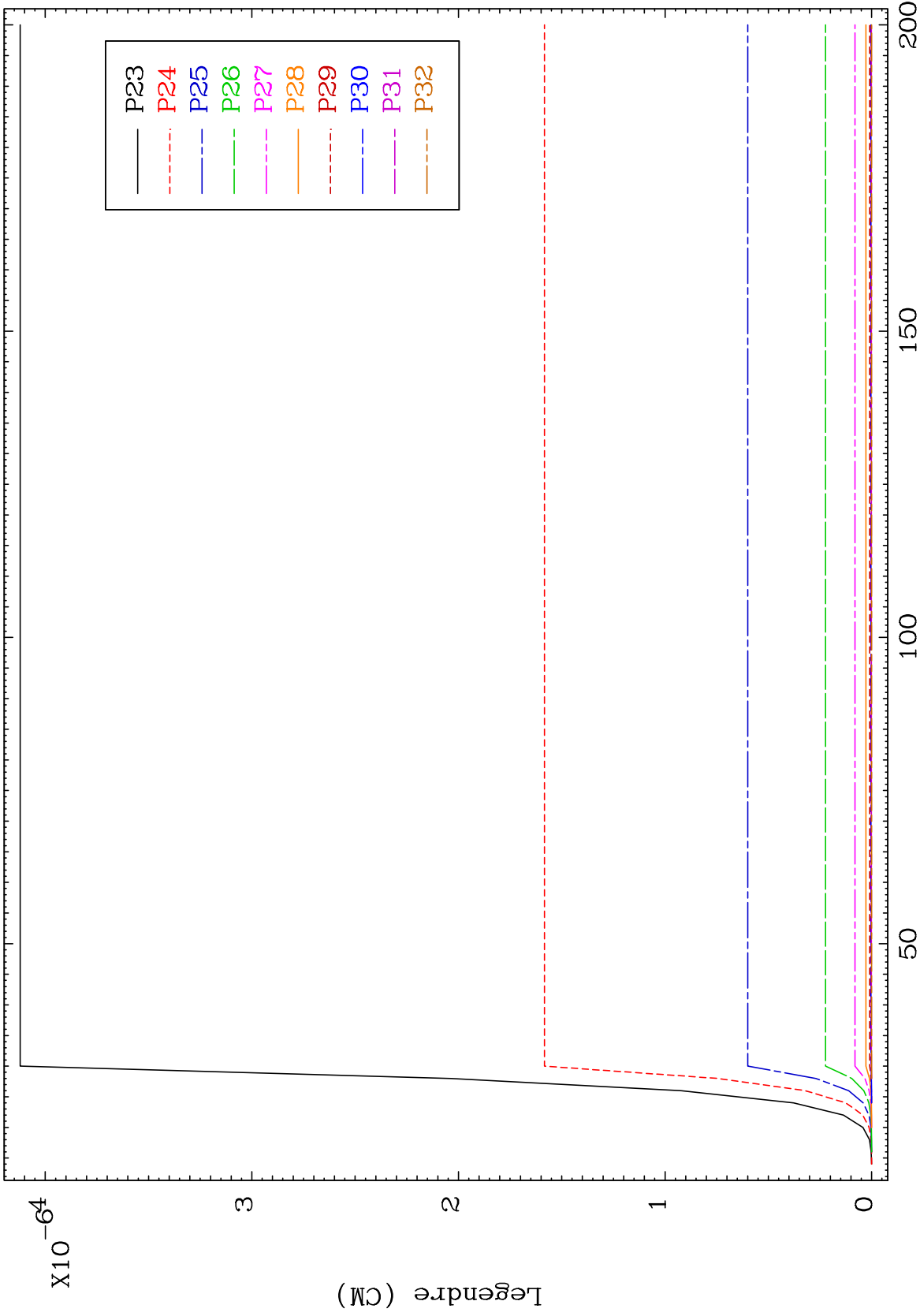
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



38

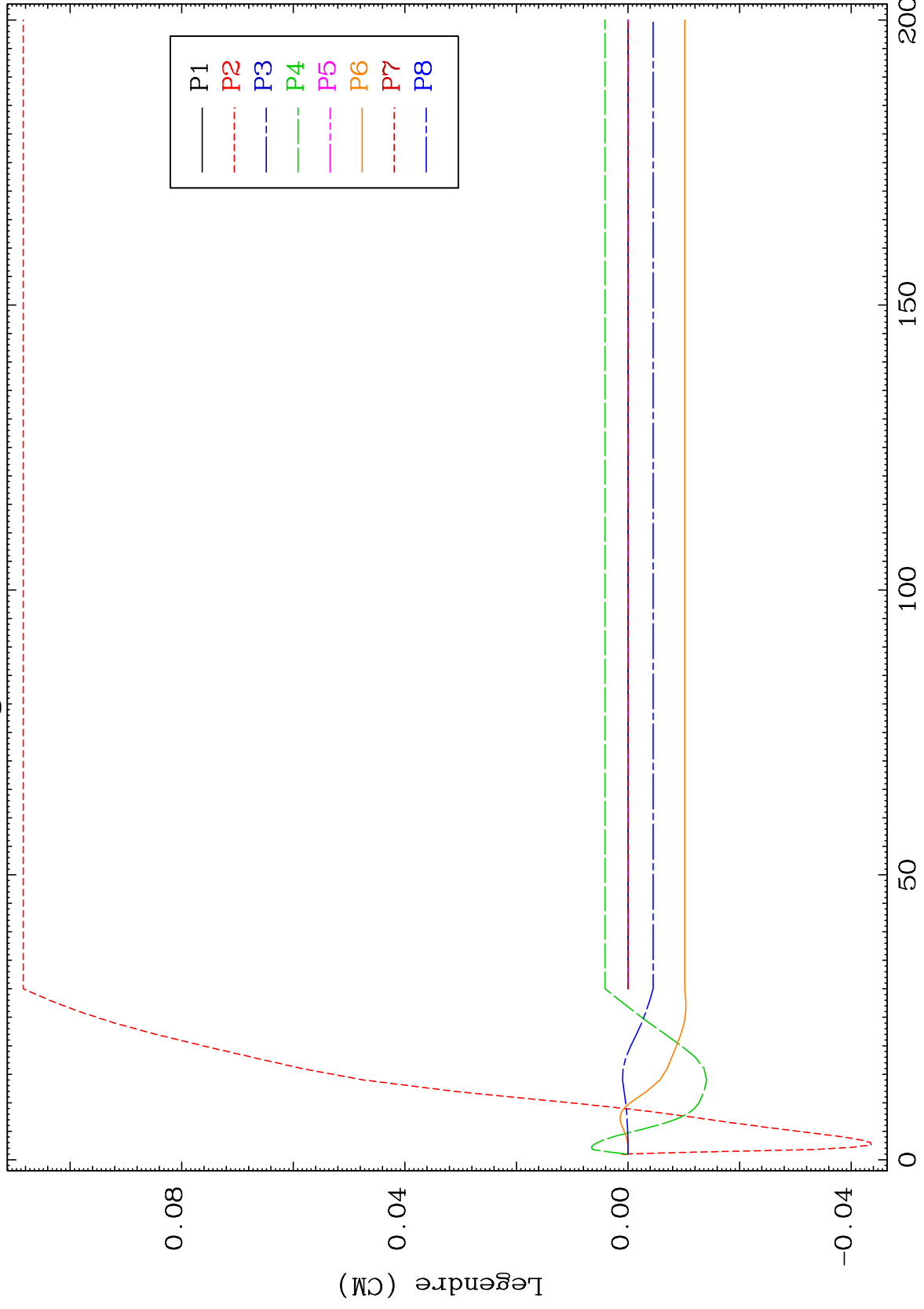
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



39

Incident Energy (MeV)

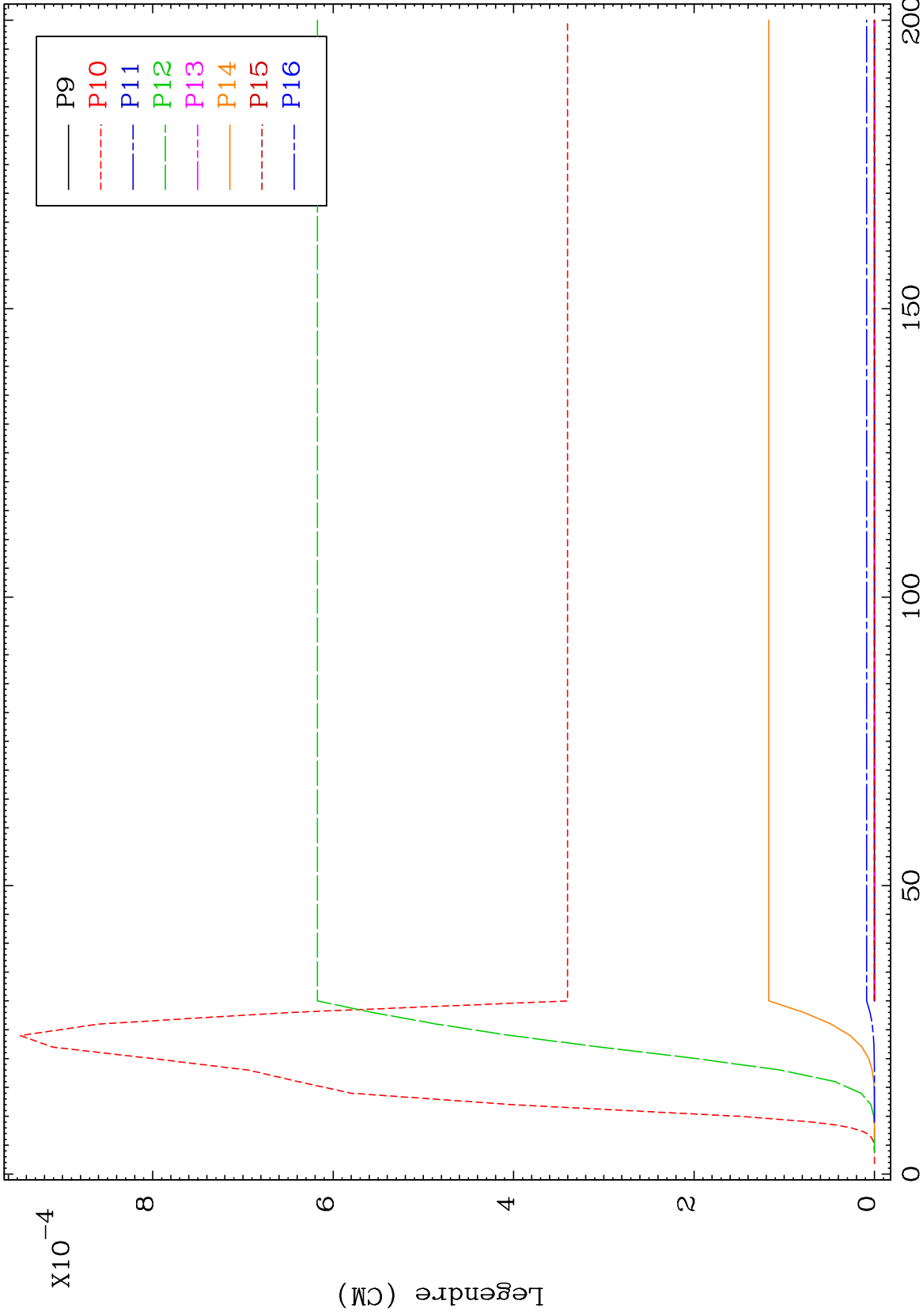
23-V -52



MAT 2331

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

23-V -52



40

50

100

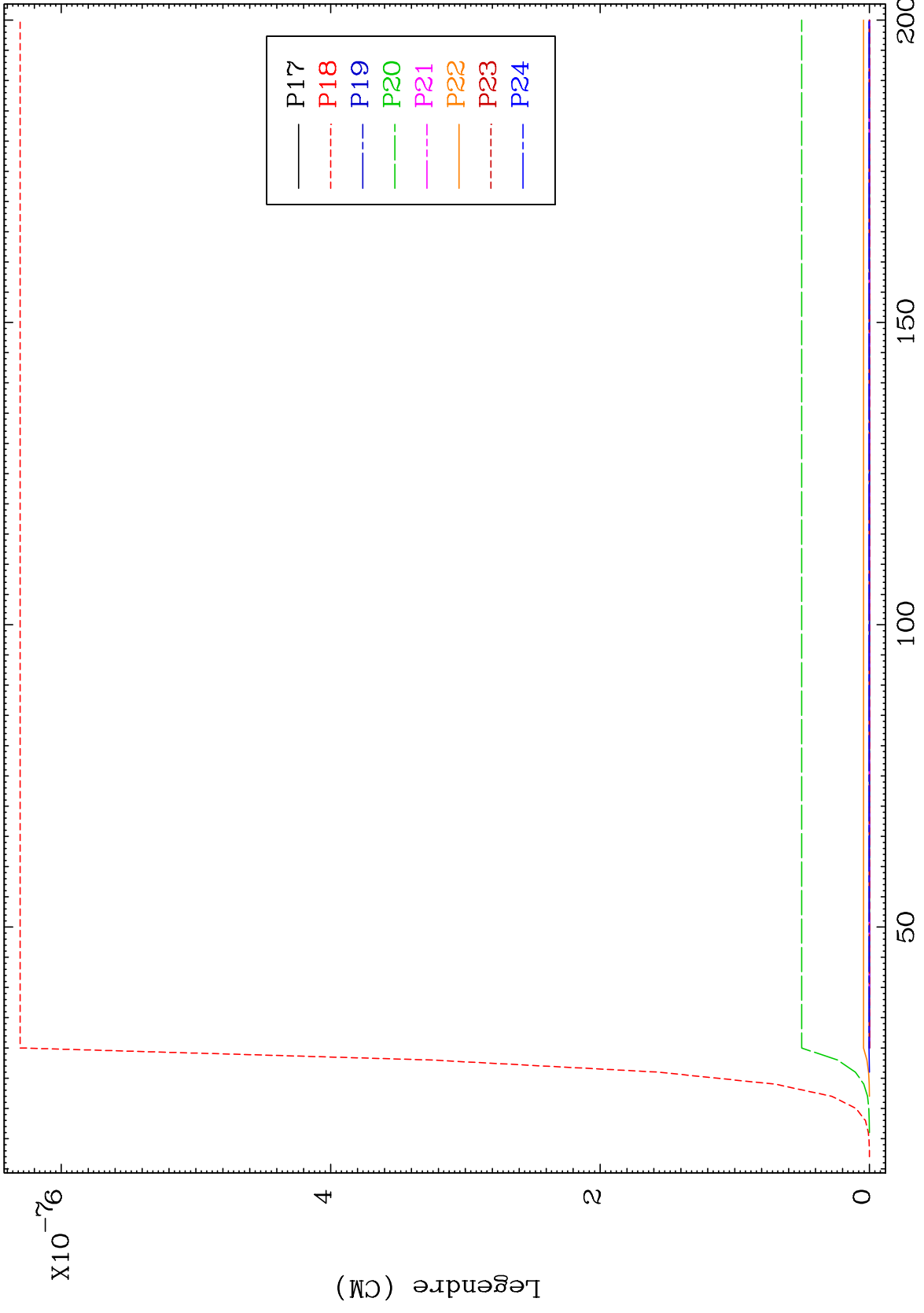
150

200

Incident Energy (MeV)

23-V -52

MAT 2331 MT= 58 (n,n') Level Legendre Coefficients 23-V -52

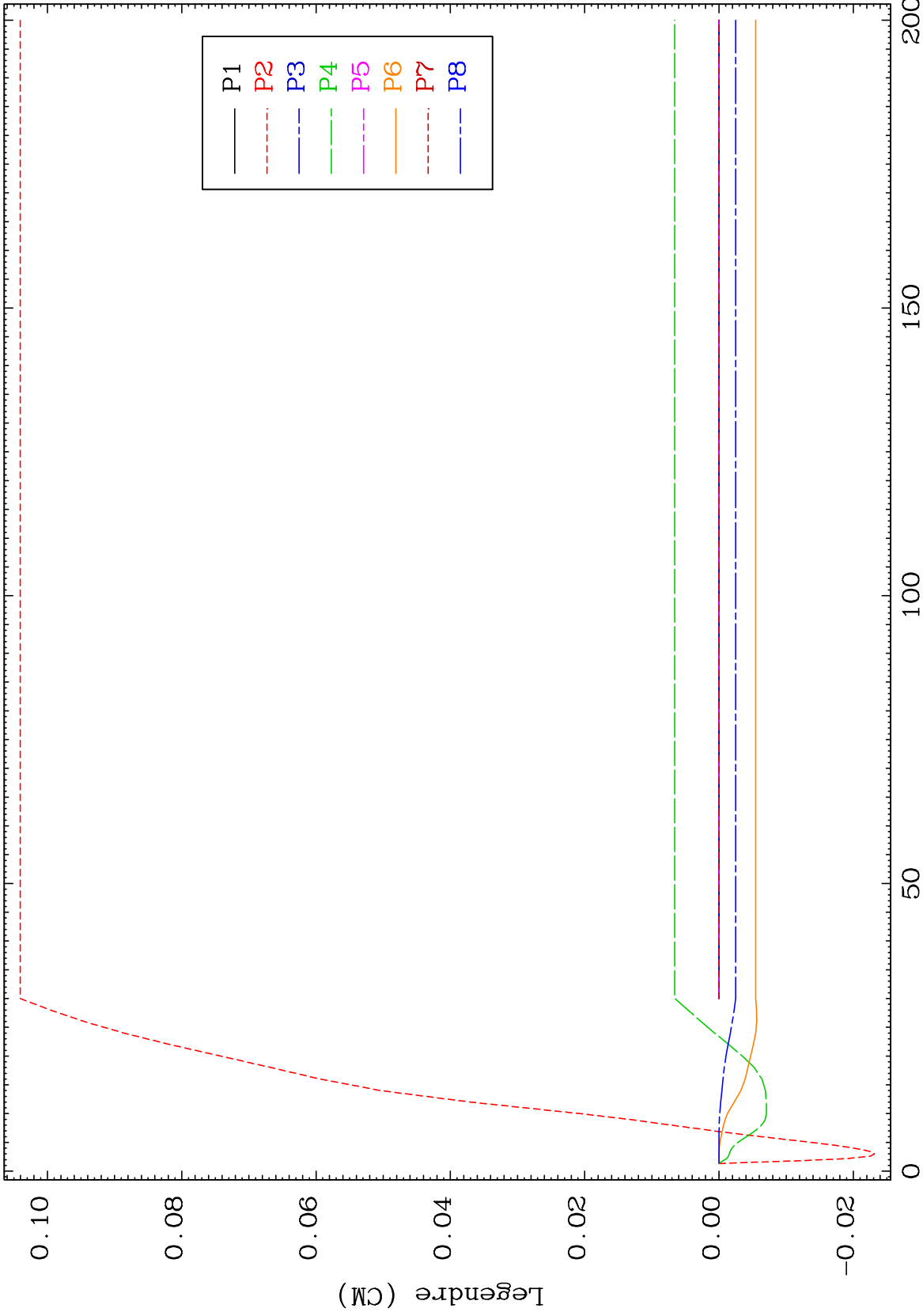


41 Incident Energy (MeV) 23-V -52

MAT 2331

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

23-V -52

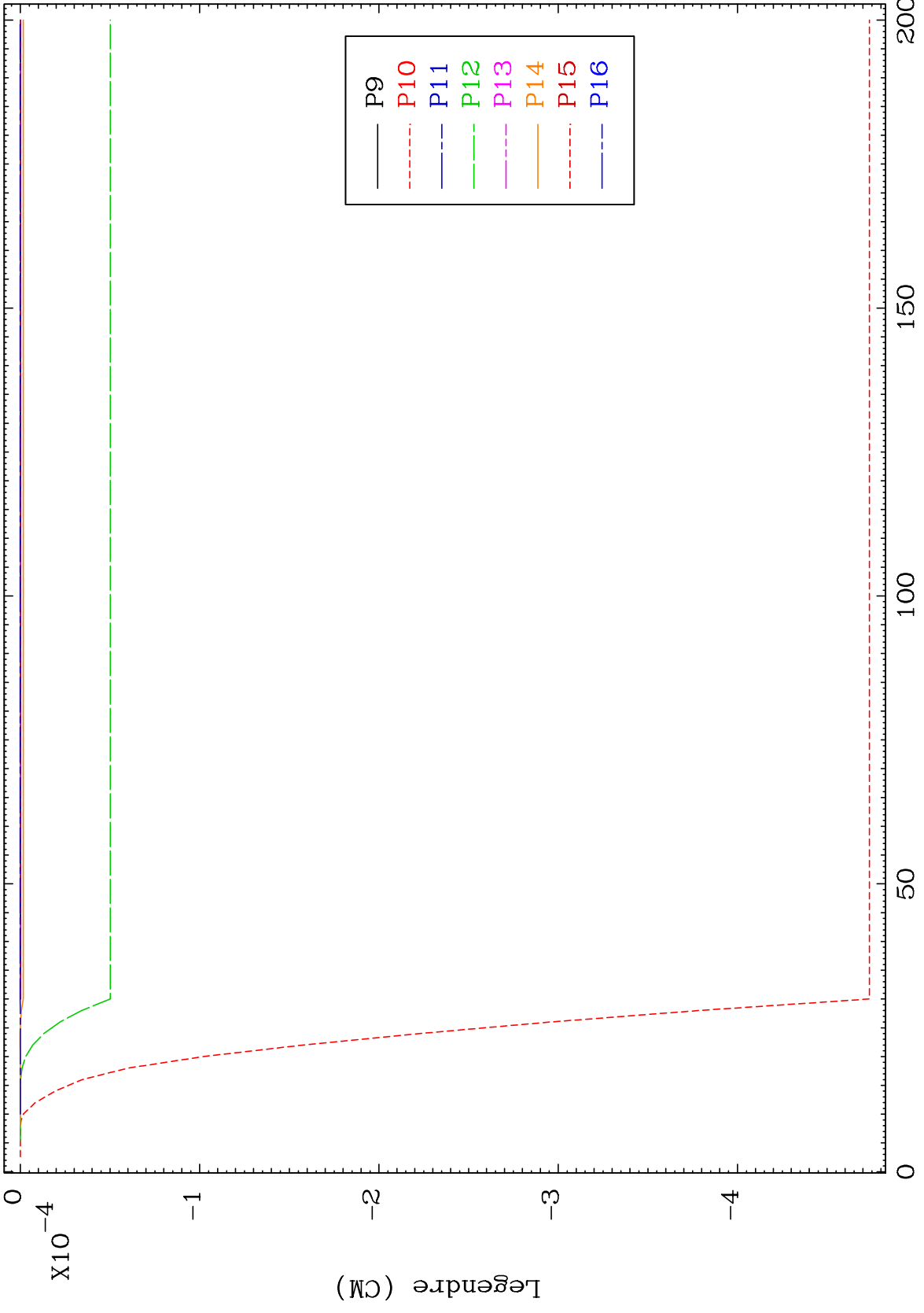


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Incident Energy (MeV)

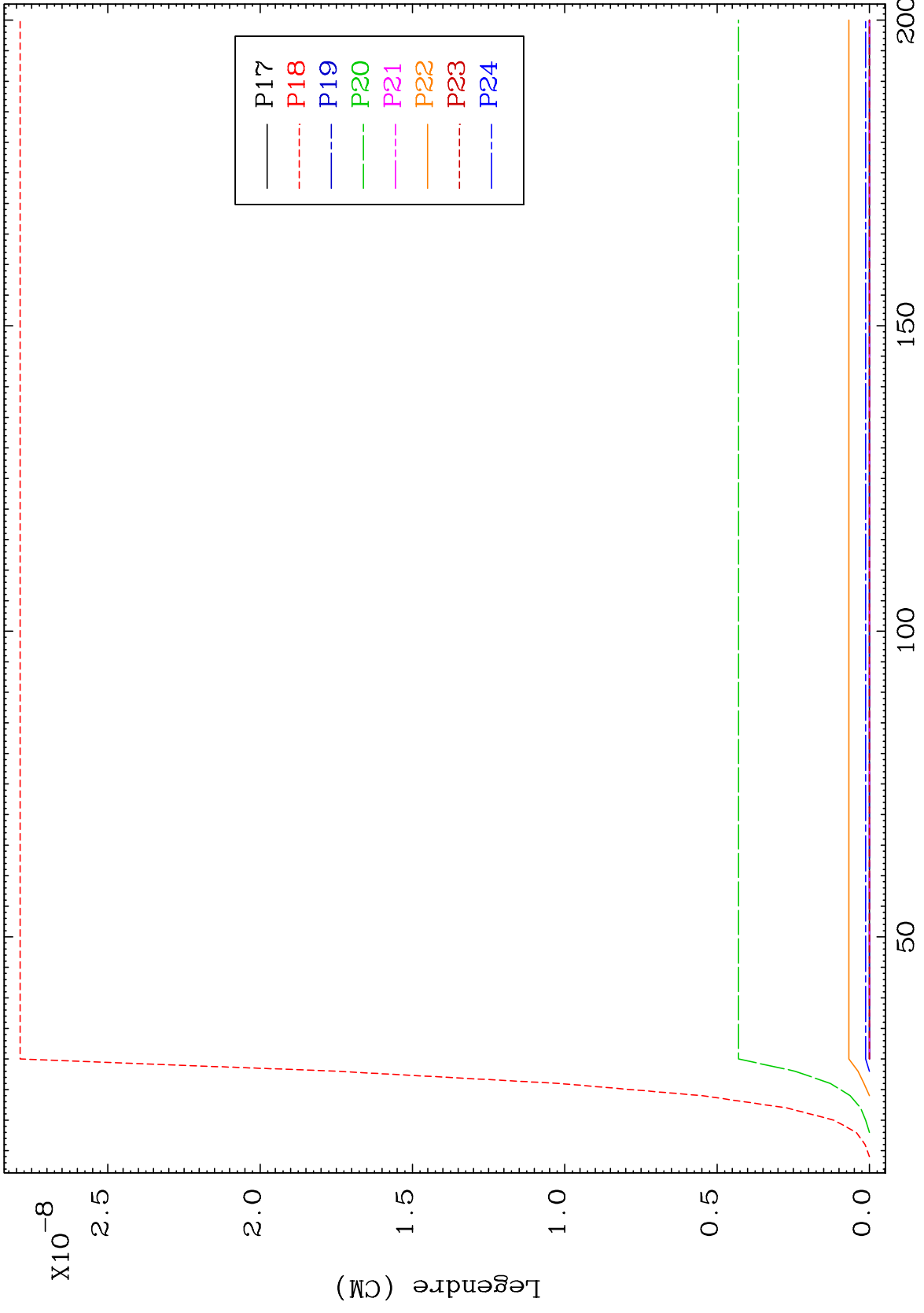
23-V -52

MAT 2331 MT= 59 (n,n') Level Legendre Coefficients 23-V -52



43 23-V -52

MAT 2331 MT= 59 (n,n') Level Legendre Coefficients 23-V -52

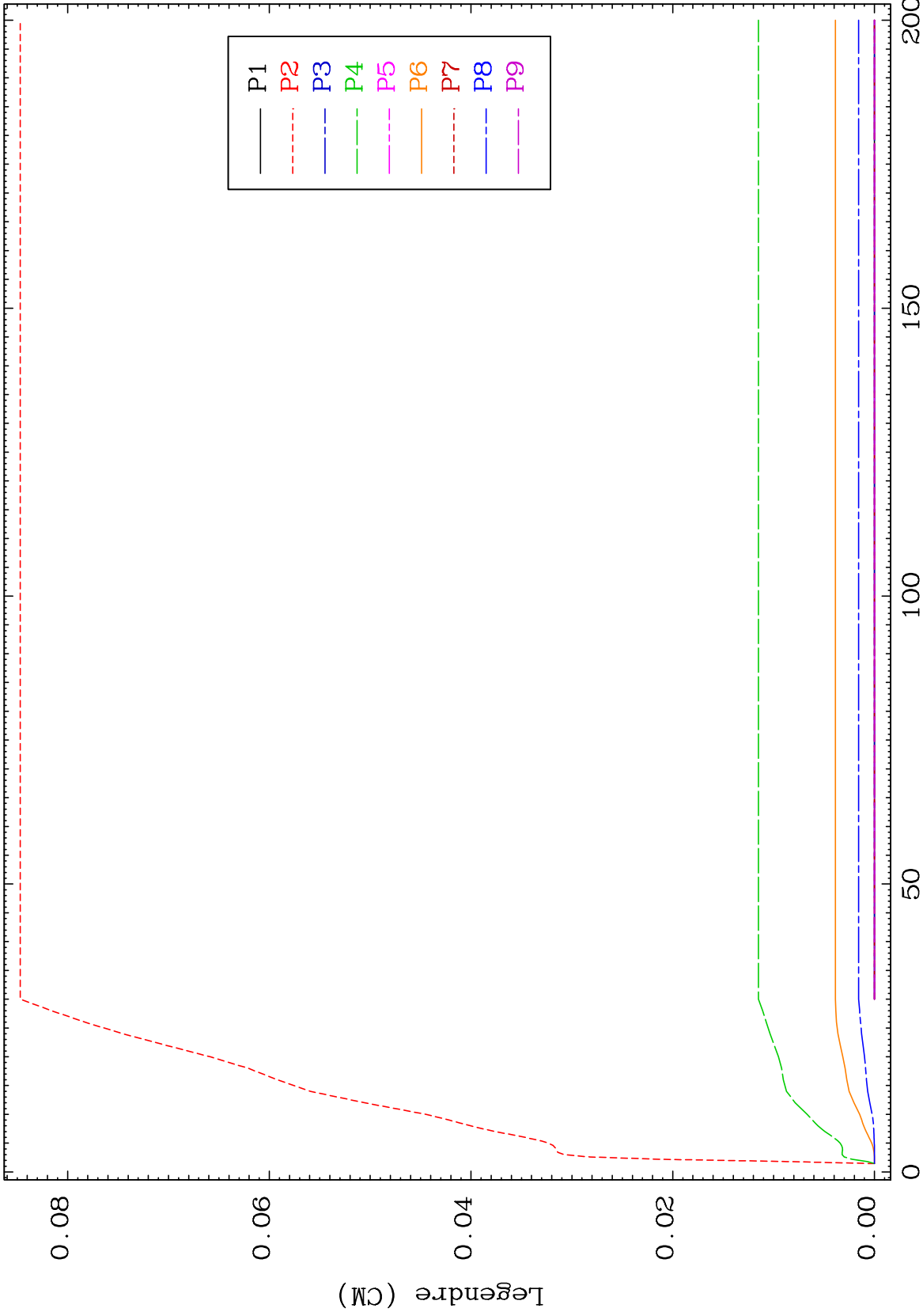


44 50 100 150 200 23-V -52

MAT 2331

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

23-V -52



45

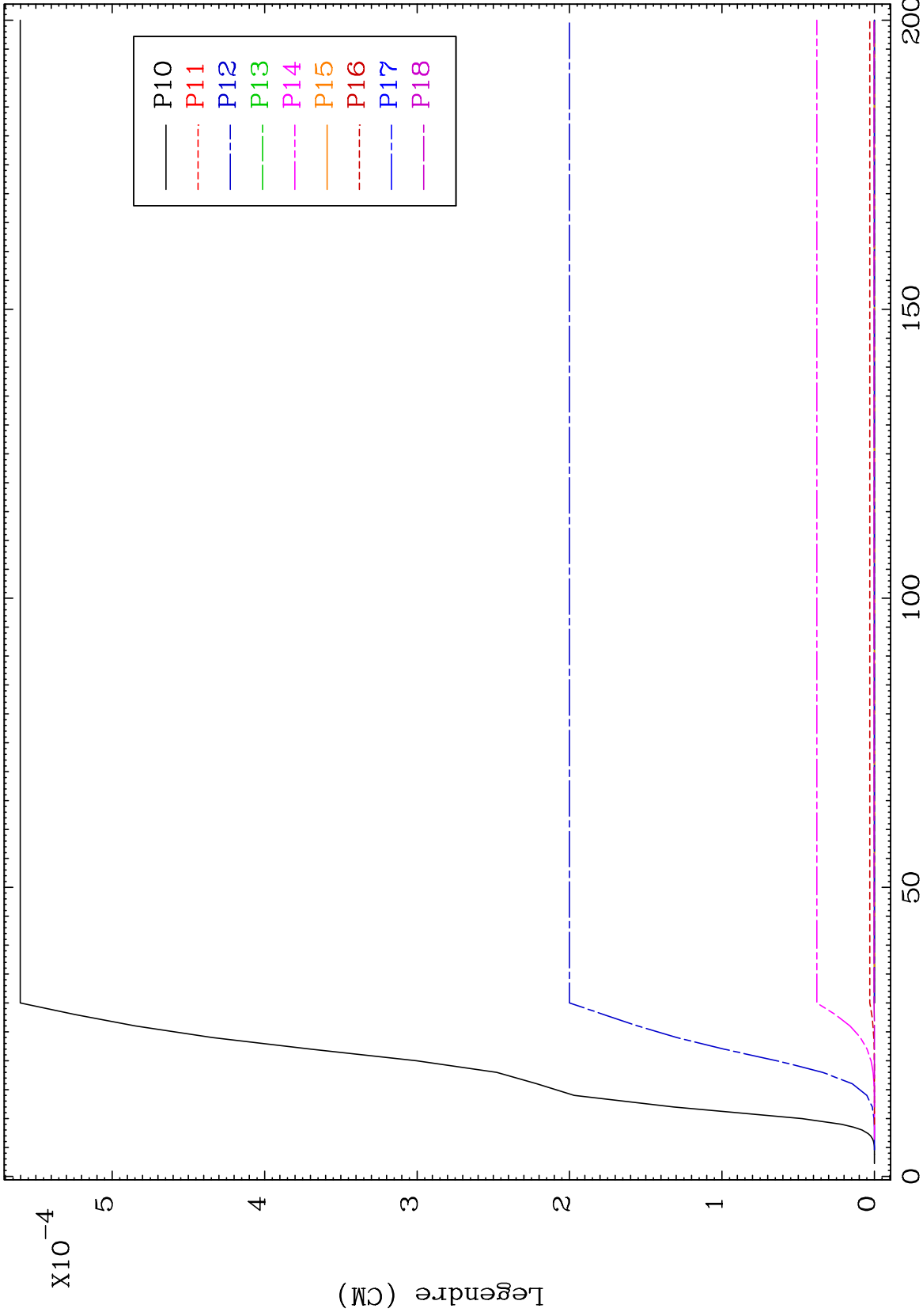
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52

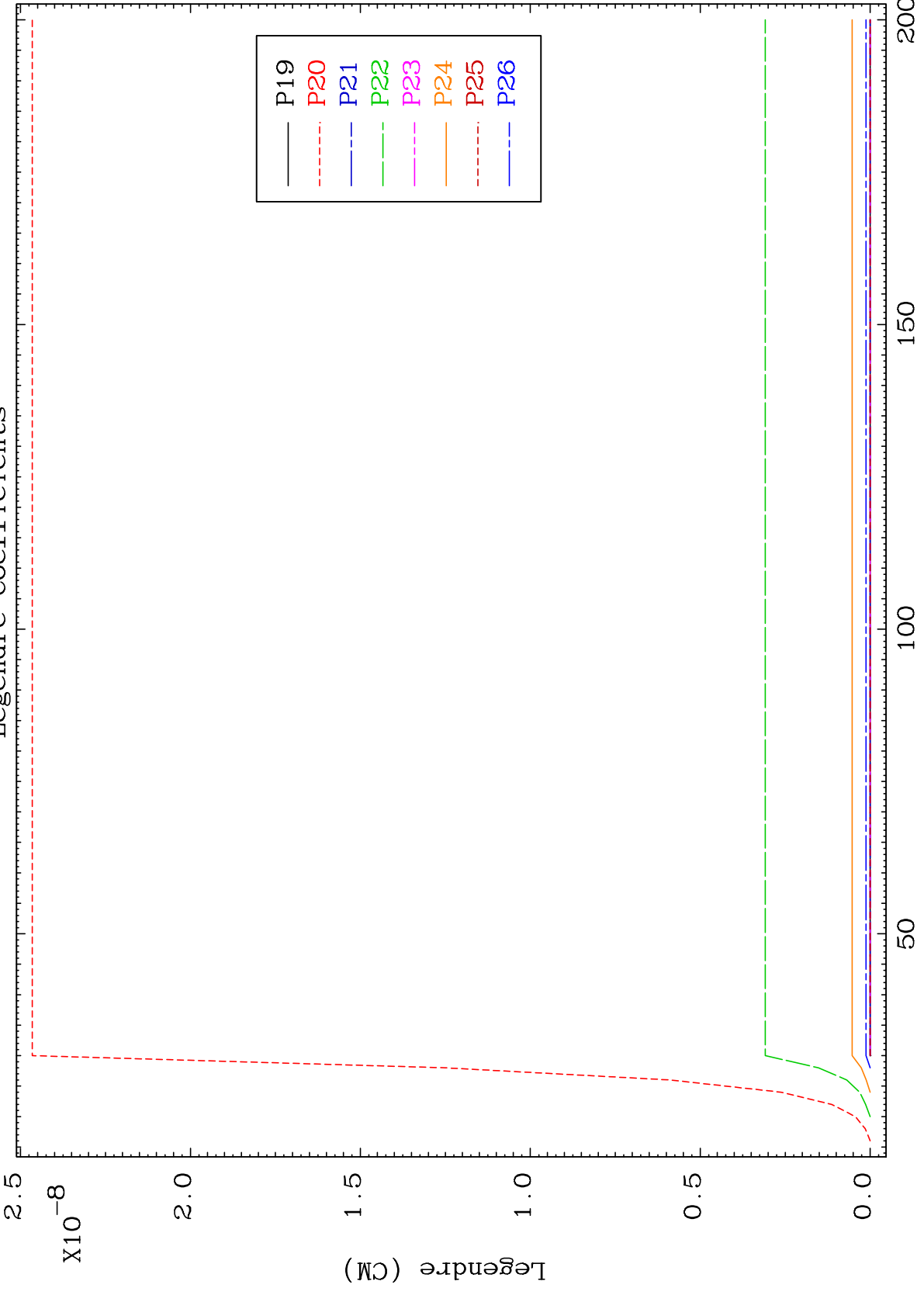


46

Incident Energy (MeV)

23-V -52

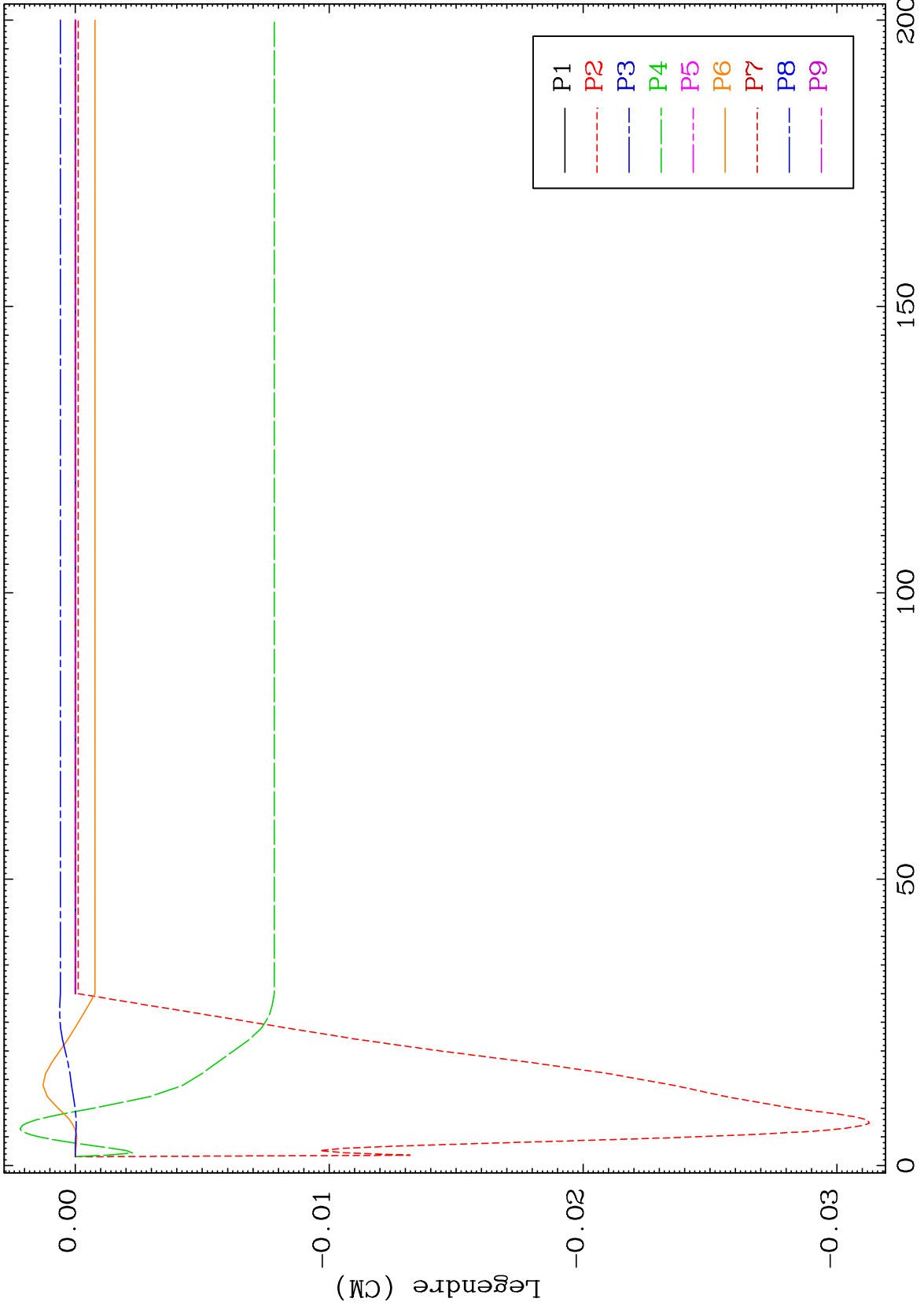
MAT 2331 MT= 60 (n,n') Level Legendre Coefficients 23-V -52



47 Incident Energy (MeV) 23-V -52



MAT 2331 MT= 61 (n,n') Level Legendre Coefficients 23-V -52

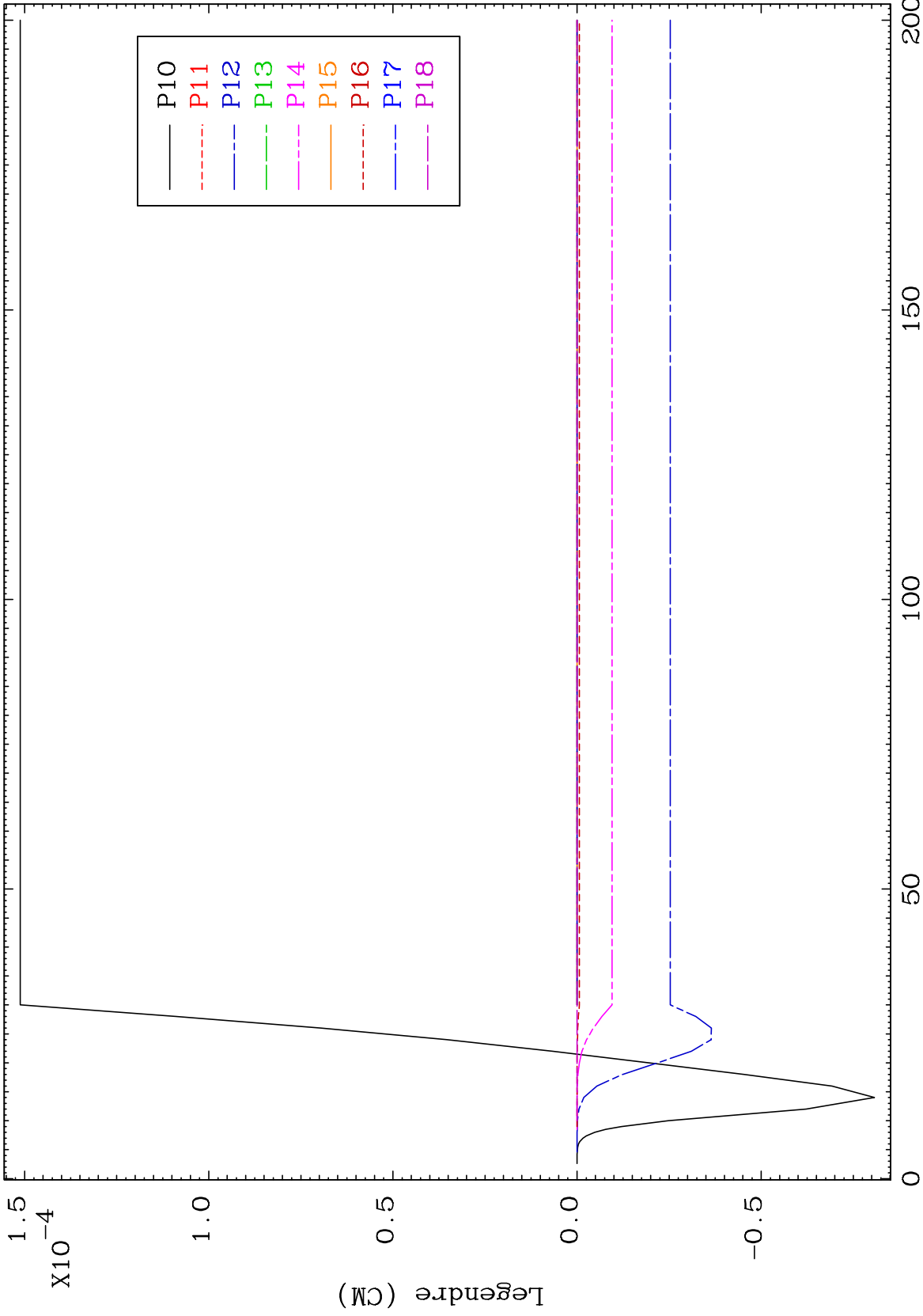


48 23-V -52

MAT 2331

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

23-V -52

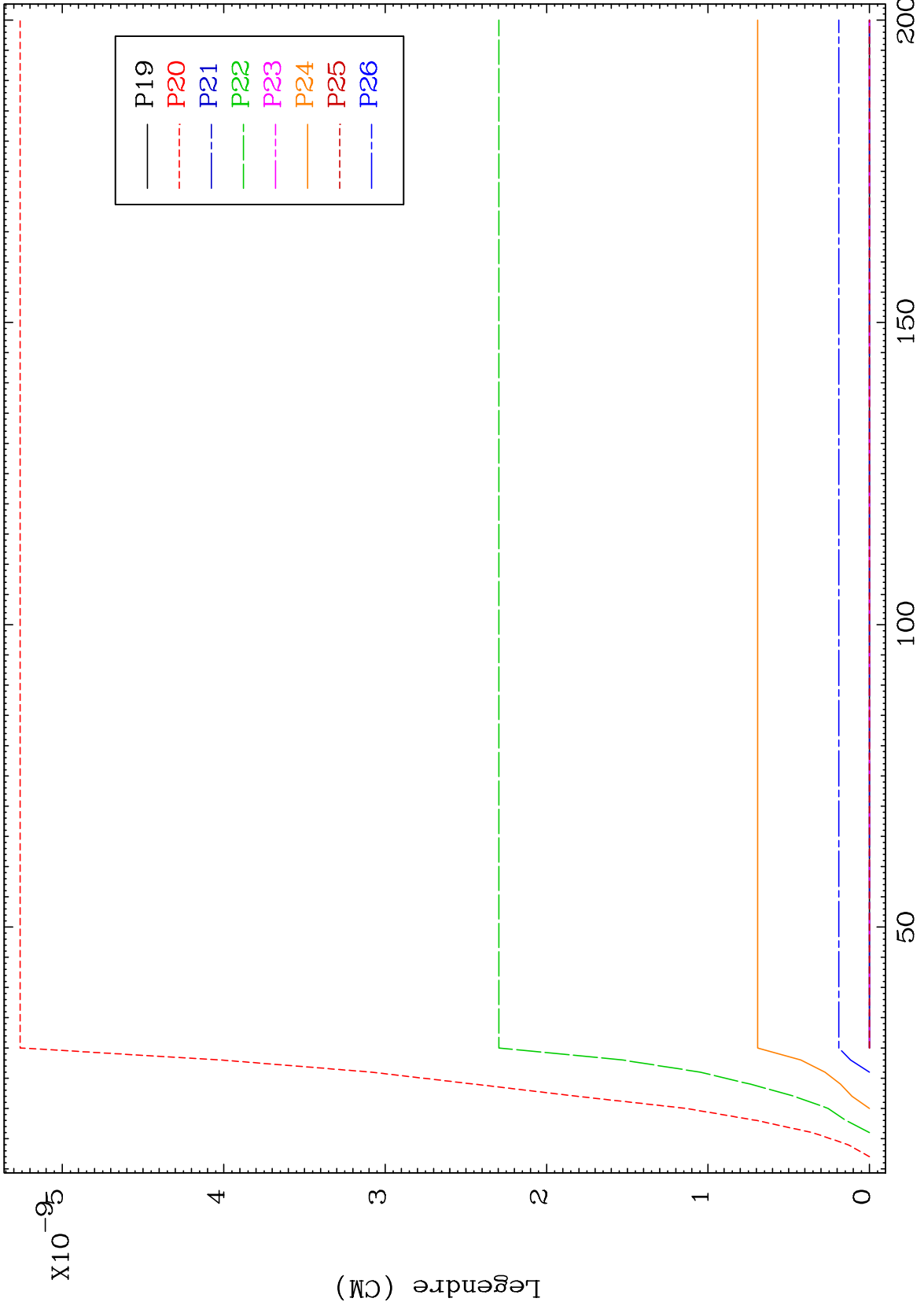


49

Incident Energy (MeV)

23-V -52

MAT 2331 MT= 61 (n,n') Level Legendre Coefficients 23-V -52

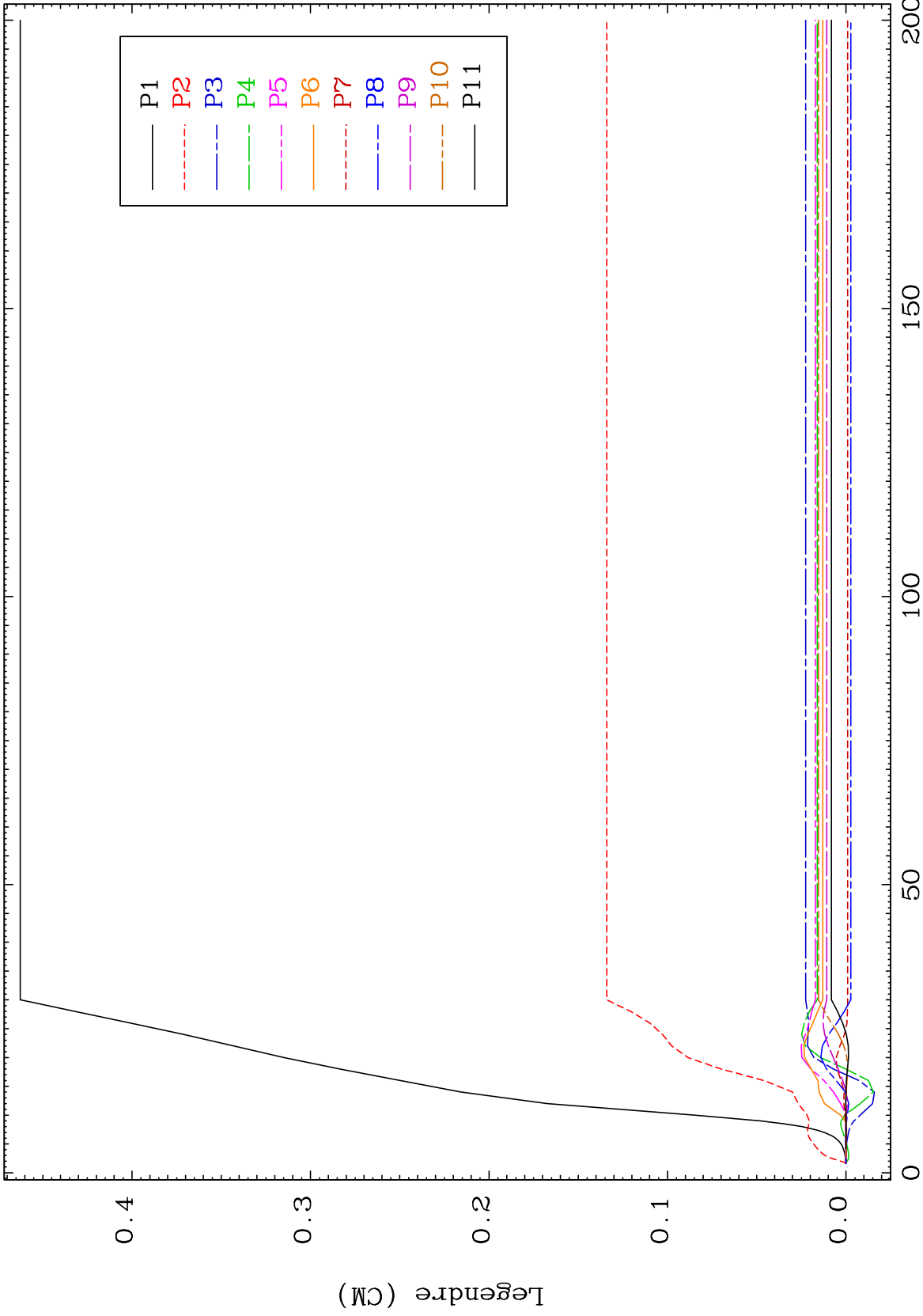


23-V -52

MAT 2331

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

23-V -52



51

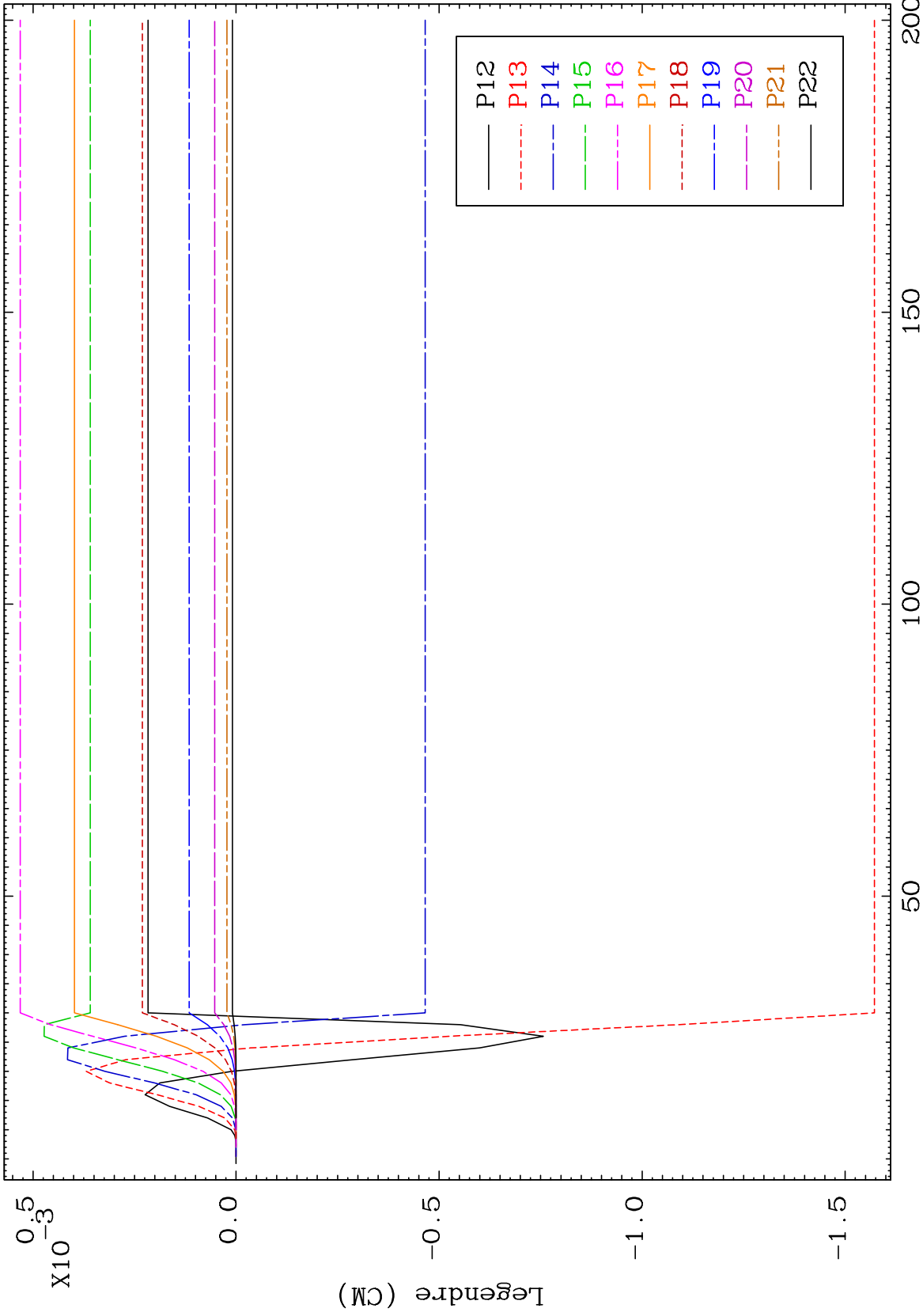
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



52

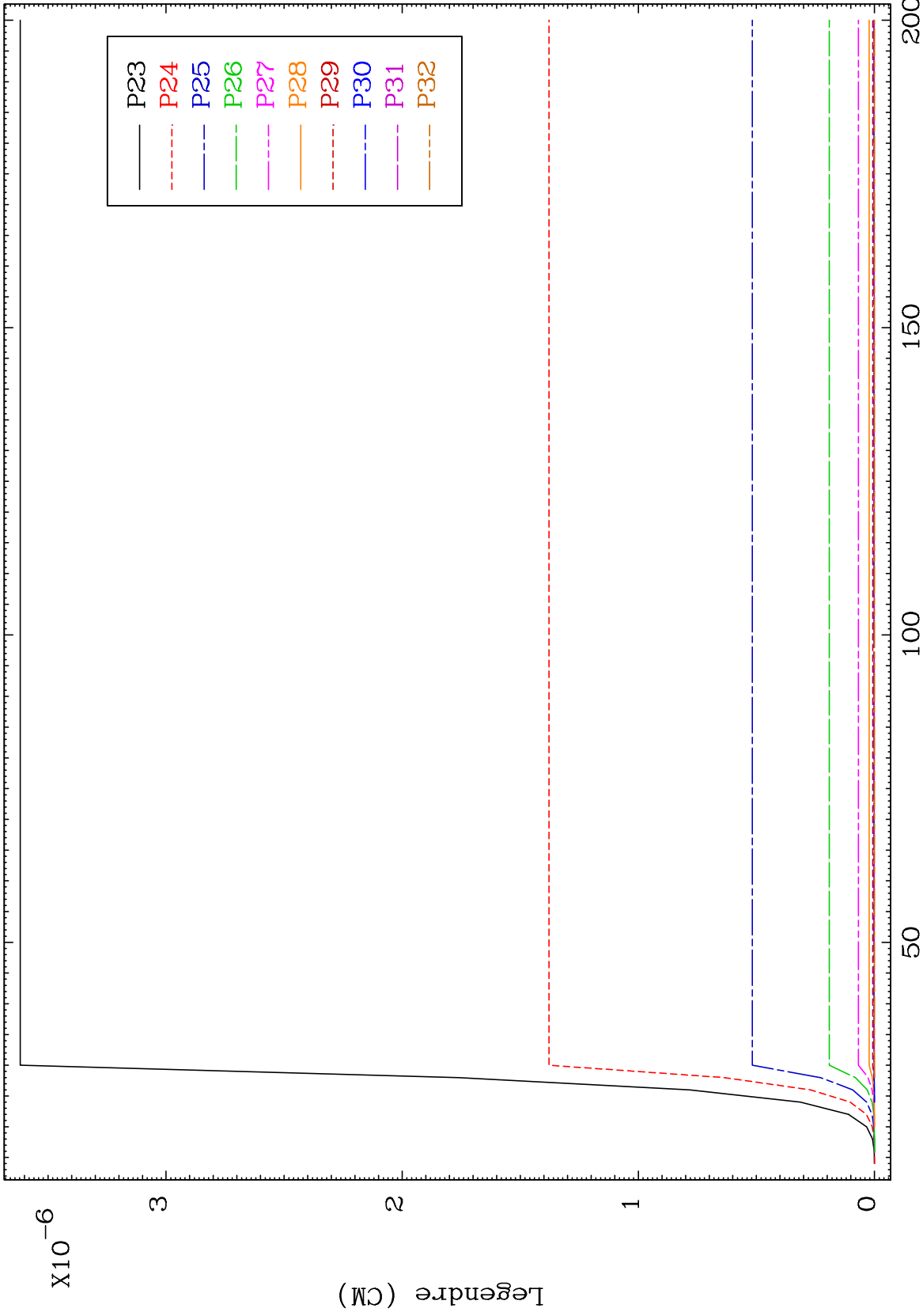
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52

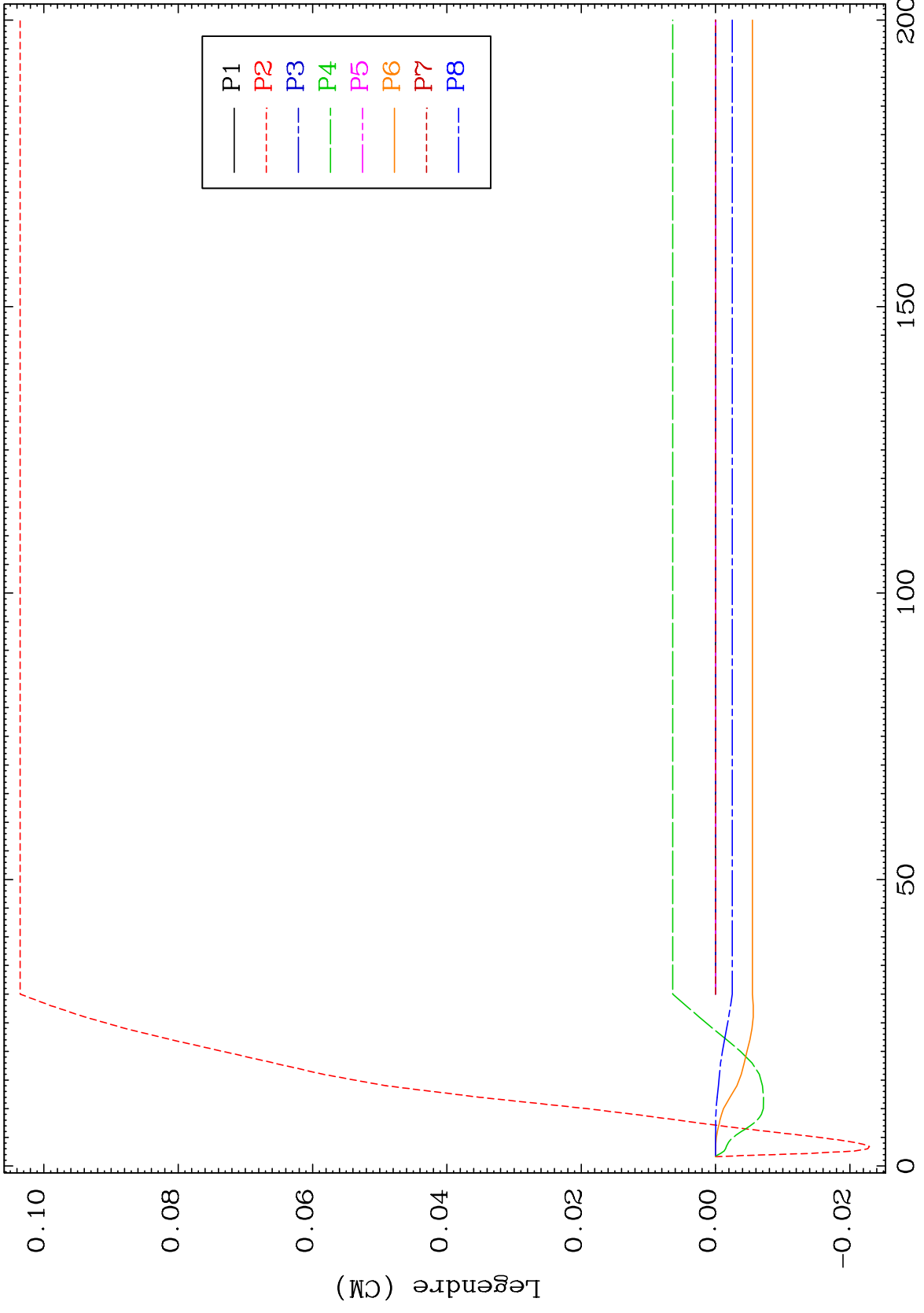


53

Incident Energy (MeV)

23-V -52

MAT 2331 MT= 63 (n,n') Level Legendre Coefficients 23-V -52

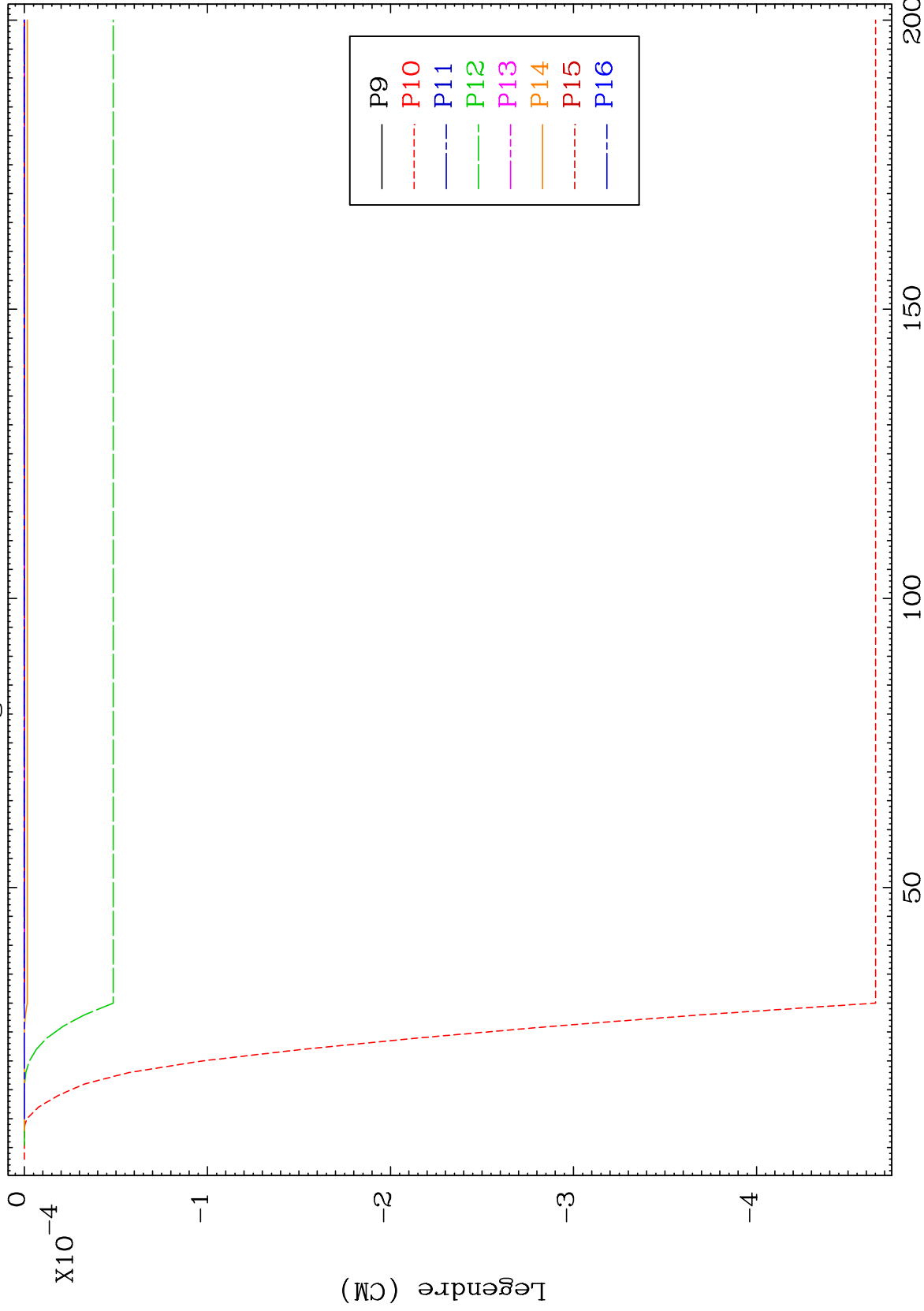


54 23-V -52

MAT 2331

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

23-V -52



55

Incident Energy (MeV)

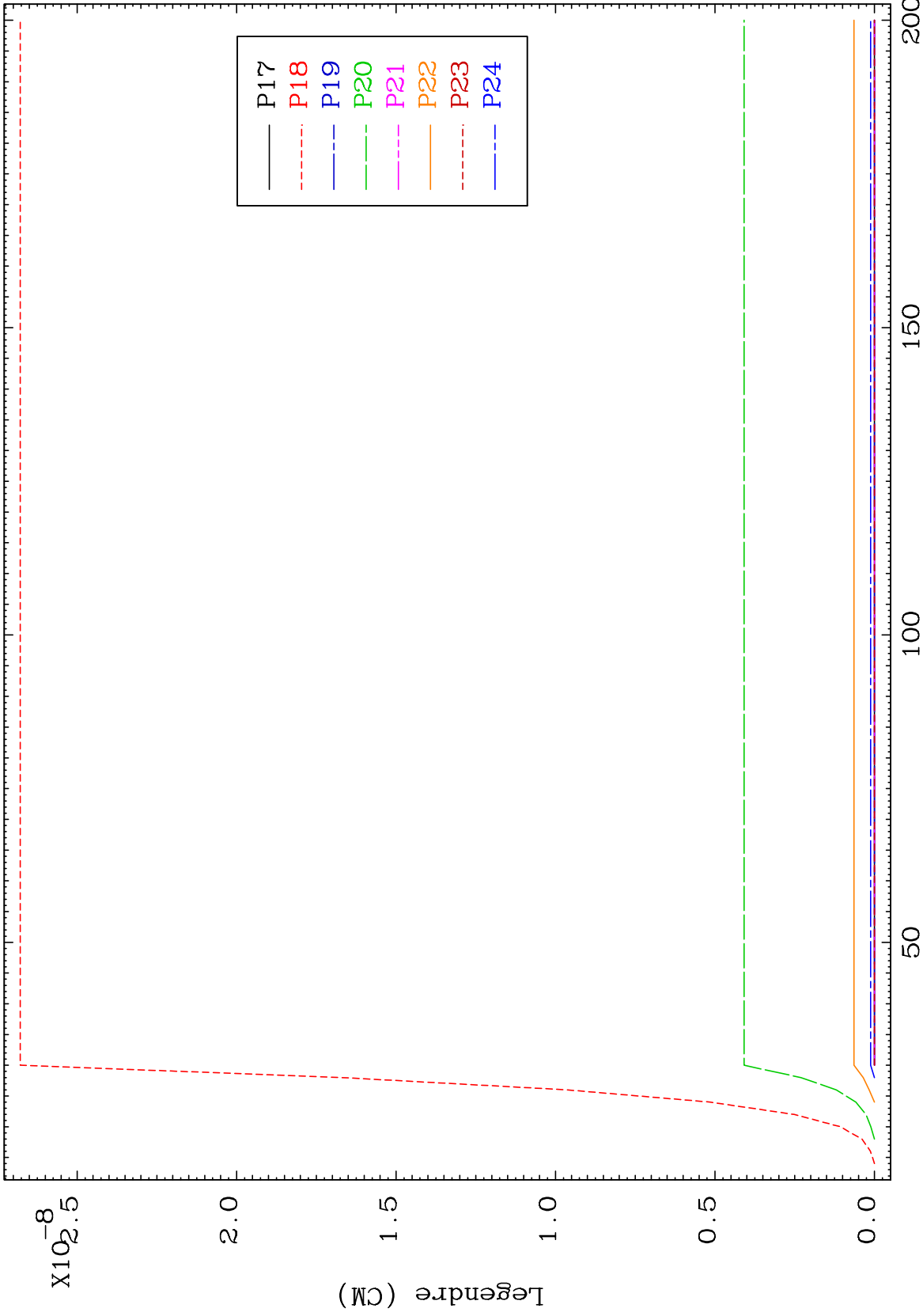
23-V -52



MAT 2331

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

23-V -52

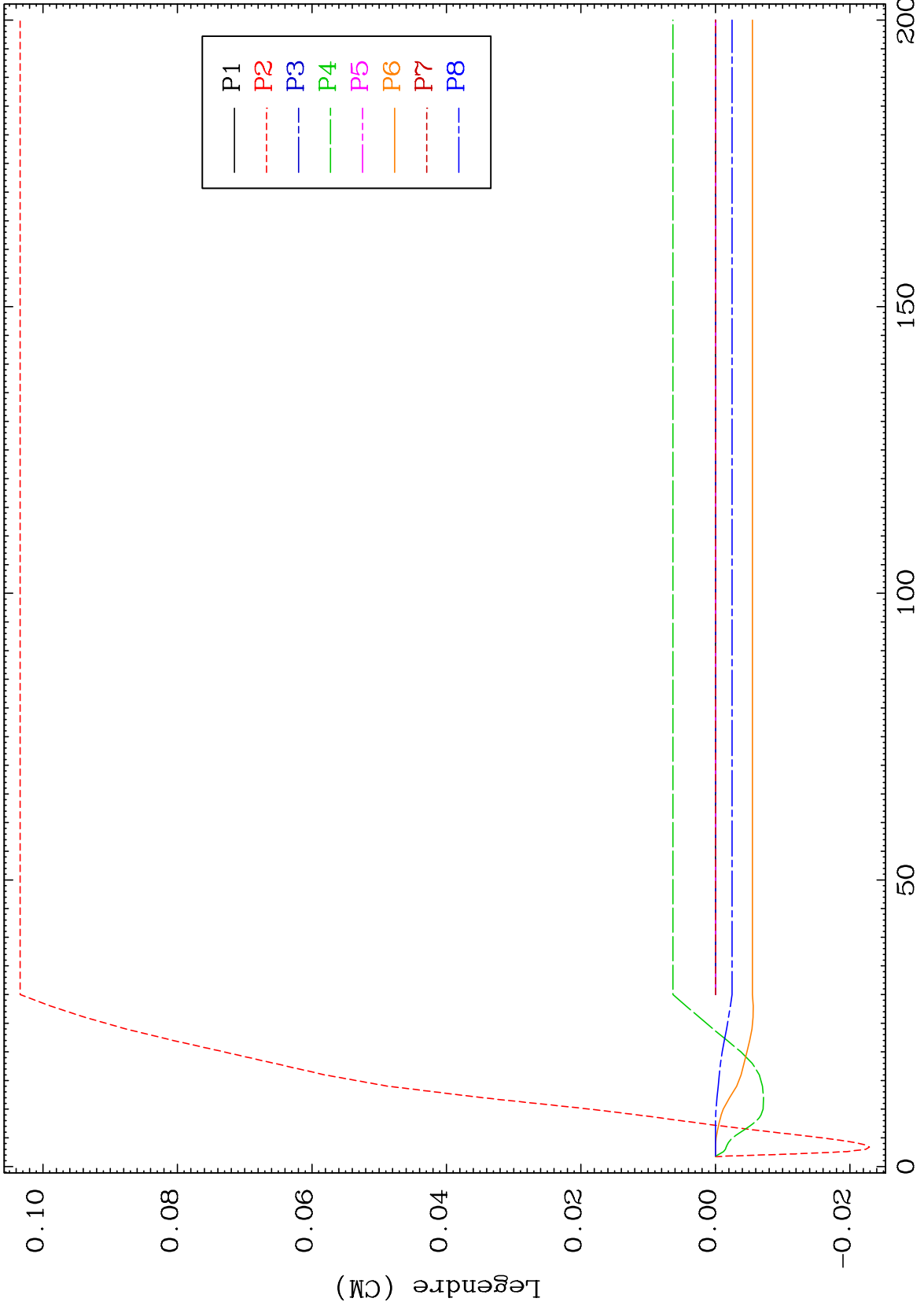


56

Incident Energy (MeV)

23-V -52

MAT 2331 MT= 64 (n,n') Level Legendre Coefficients 23-V -52

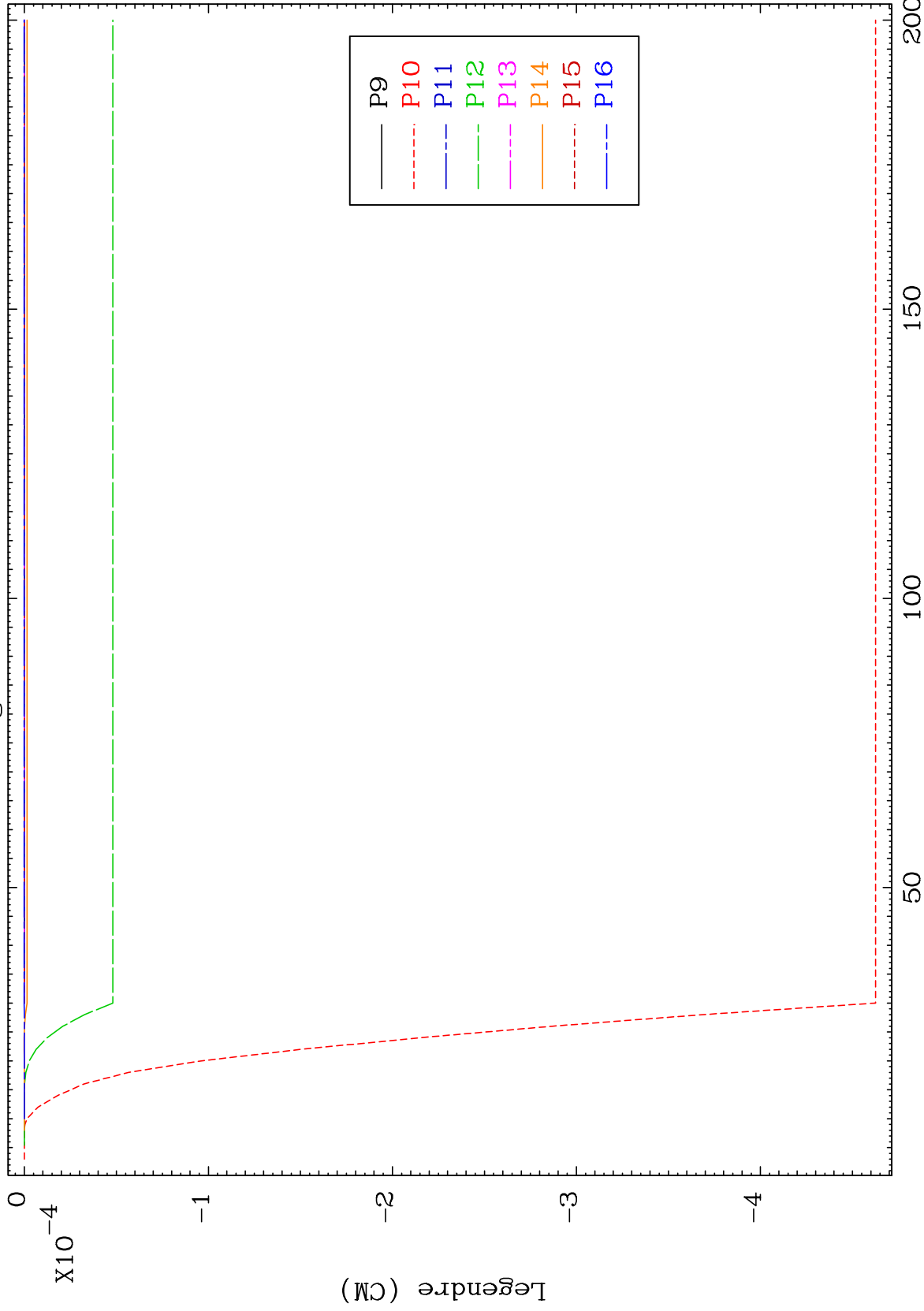


57 23-V -52

MAT 2331

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

23-V -52



58

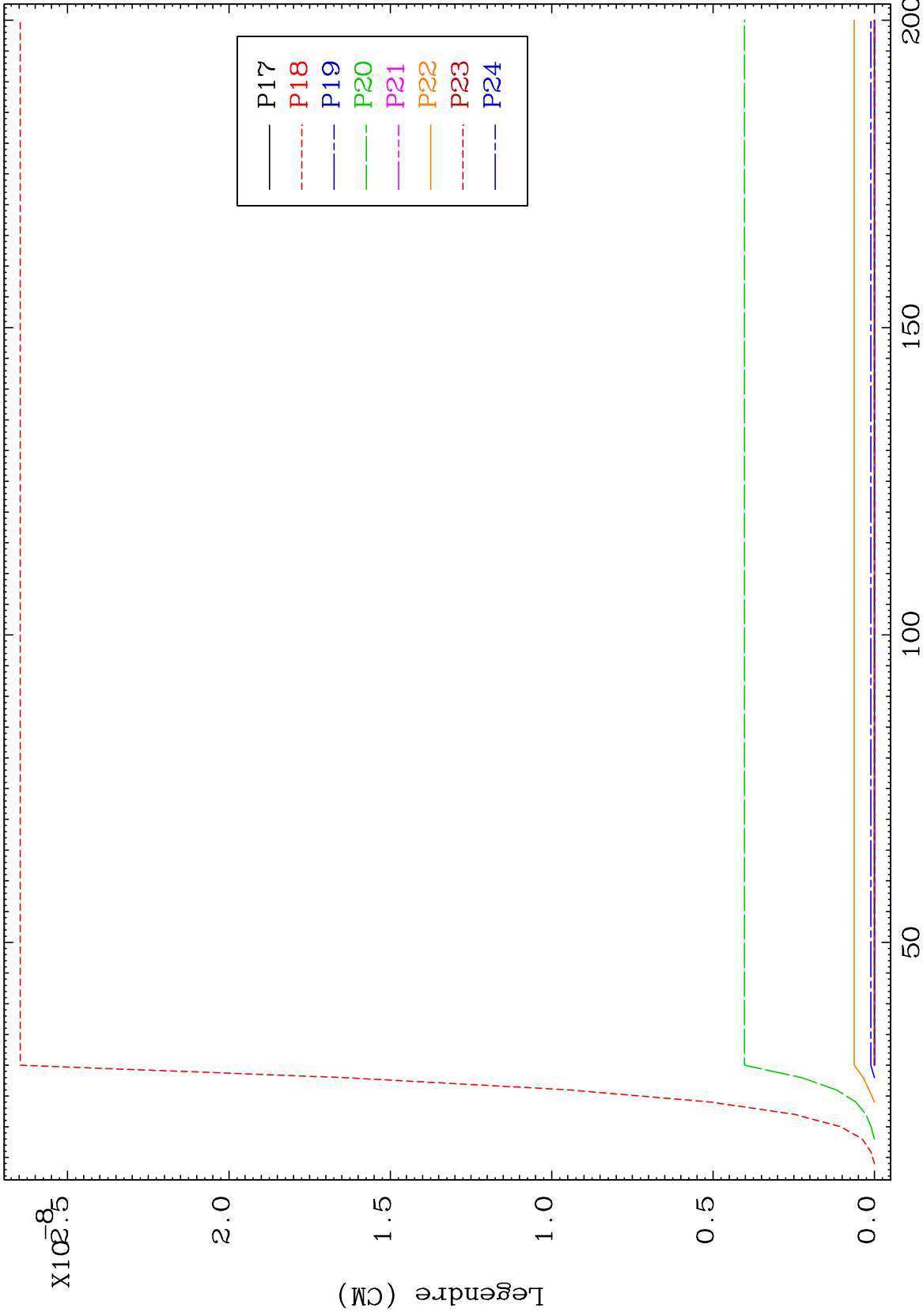
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



59

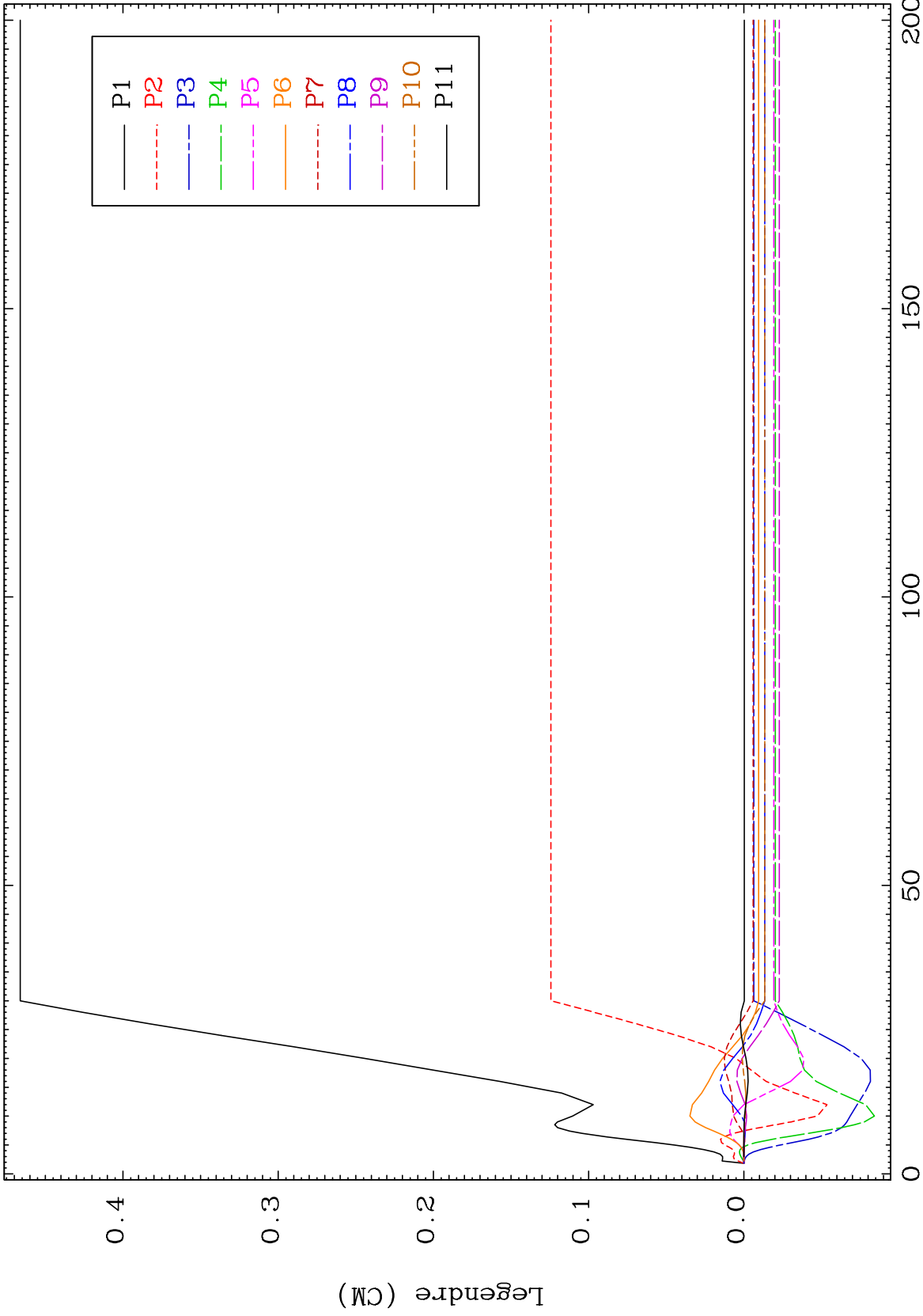
Incident Energy (MeV)

23-V -52

MAT 2331

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

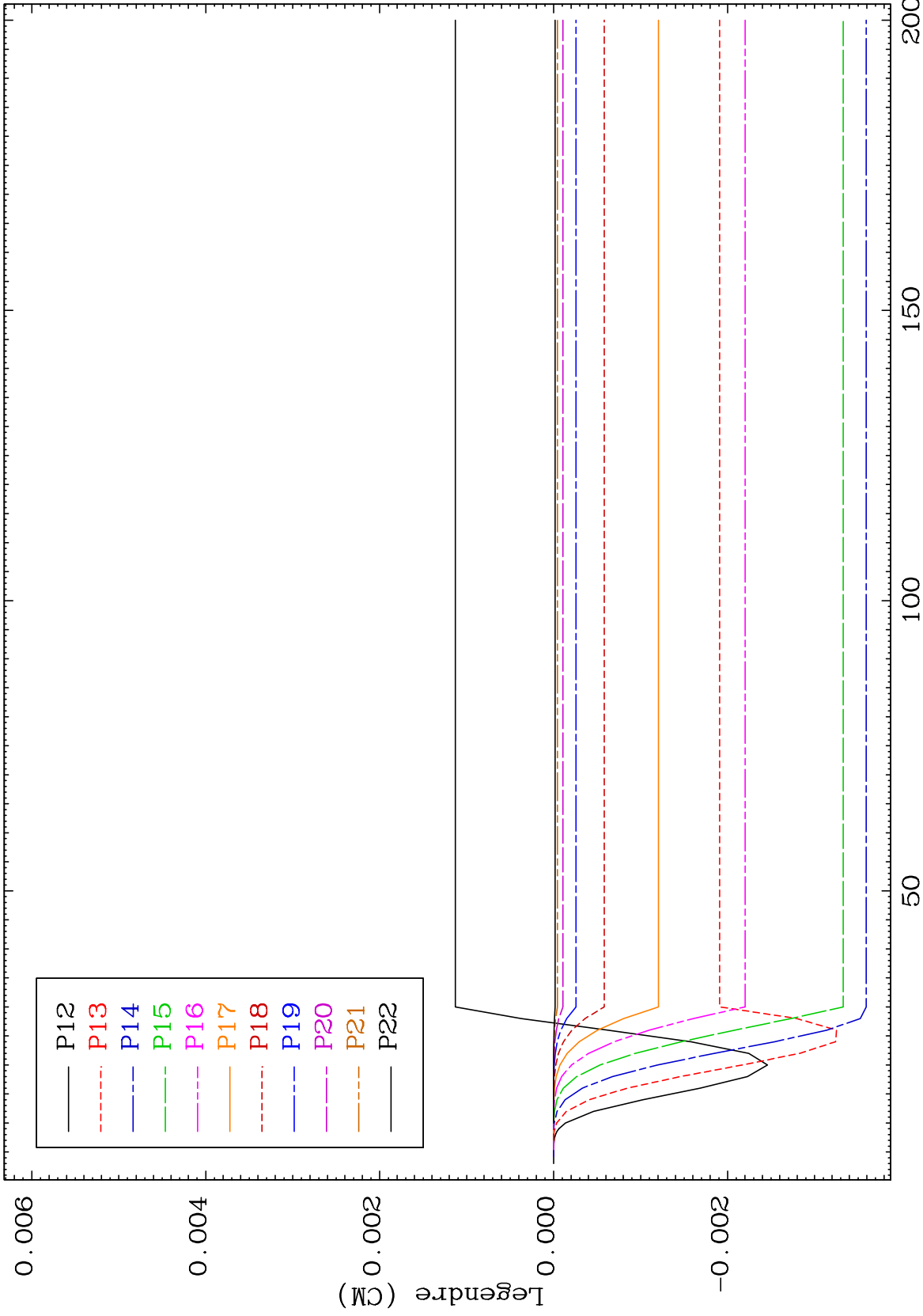
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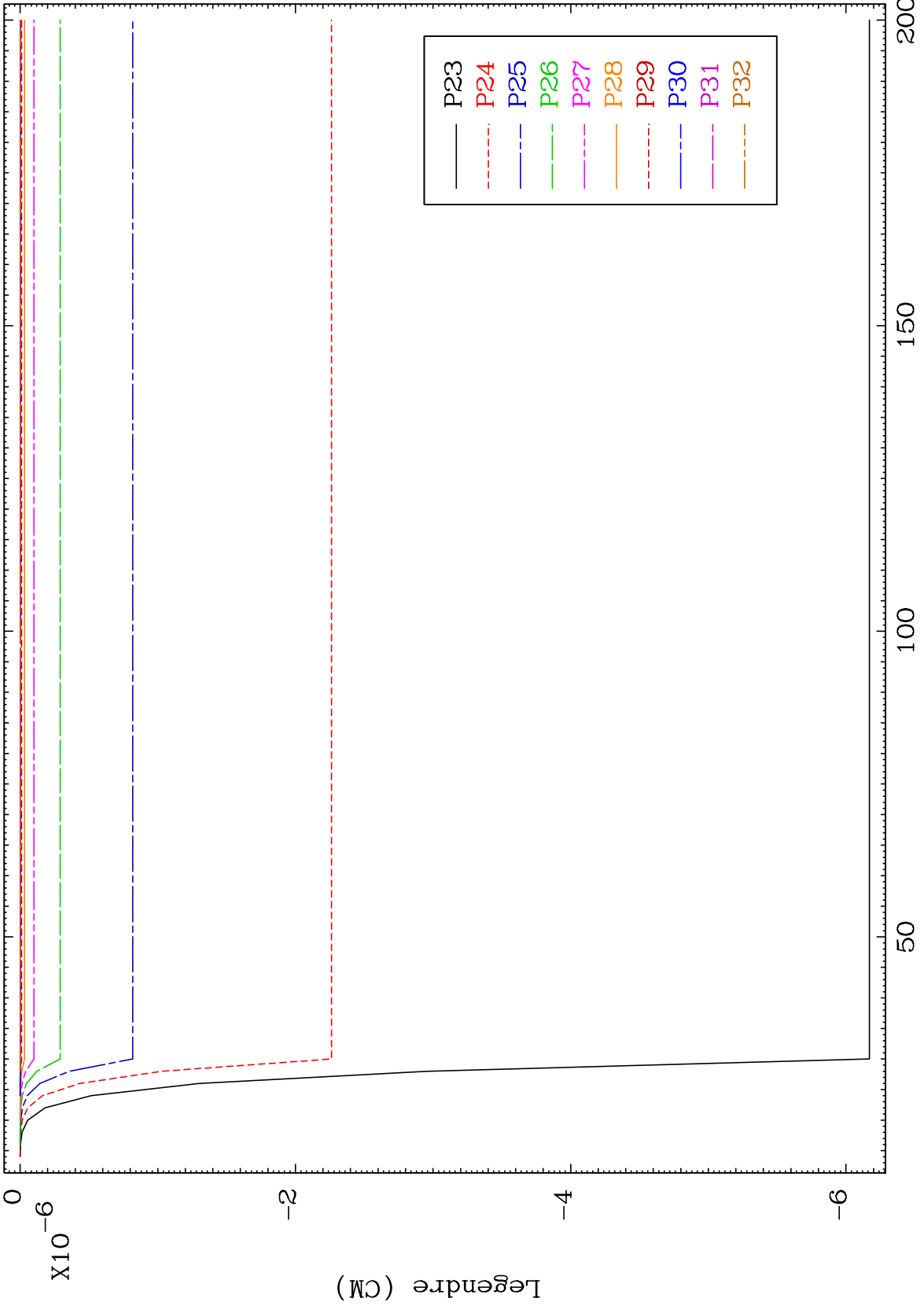
60

Incident Energy (MeV)

23-V -52



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

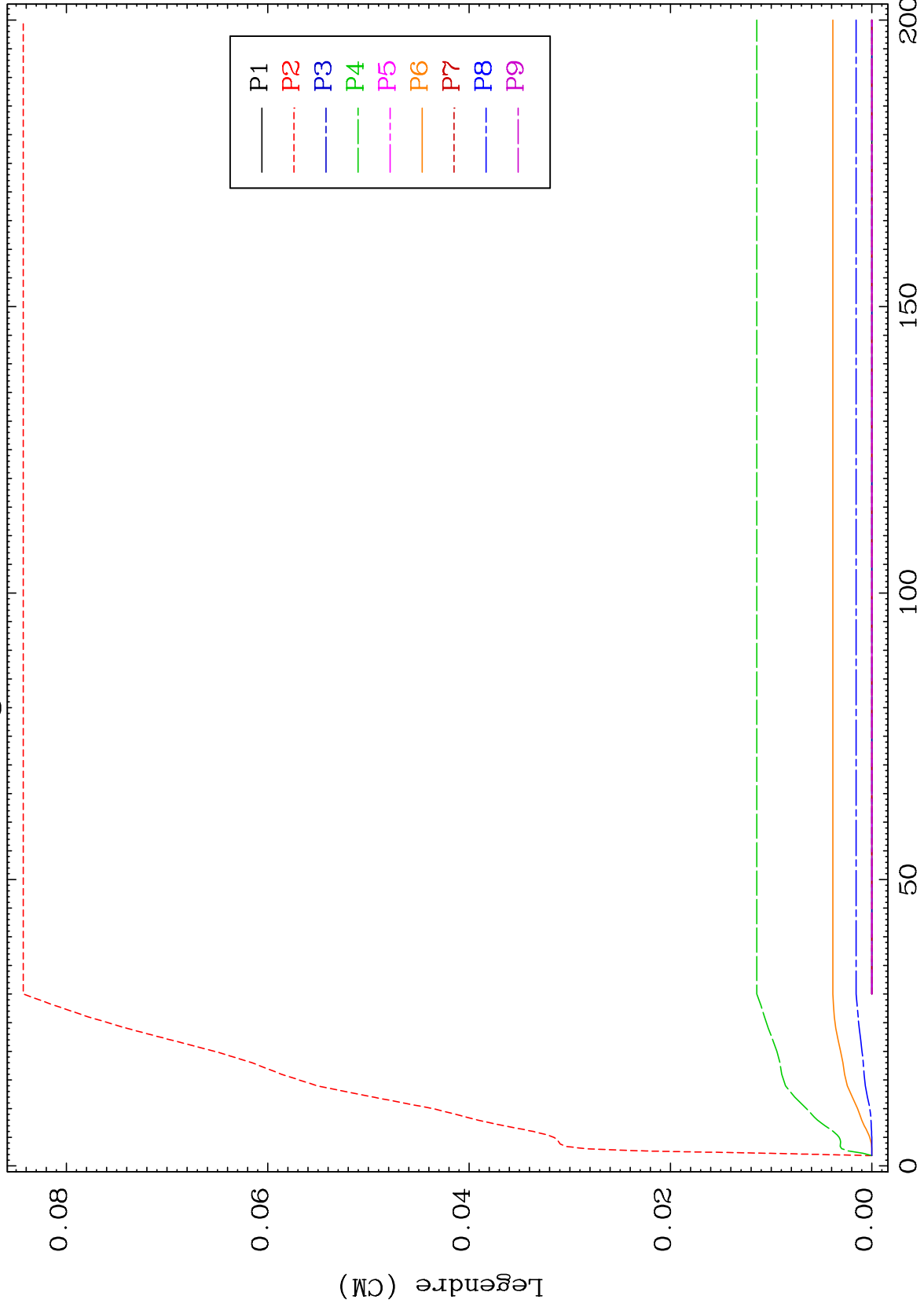


62 Incident Energy (MeV) 23-V -52

MAT 2331

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

23-V -52



63

Incident Energy (MeV)

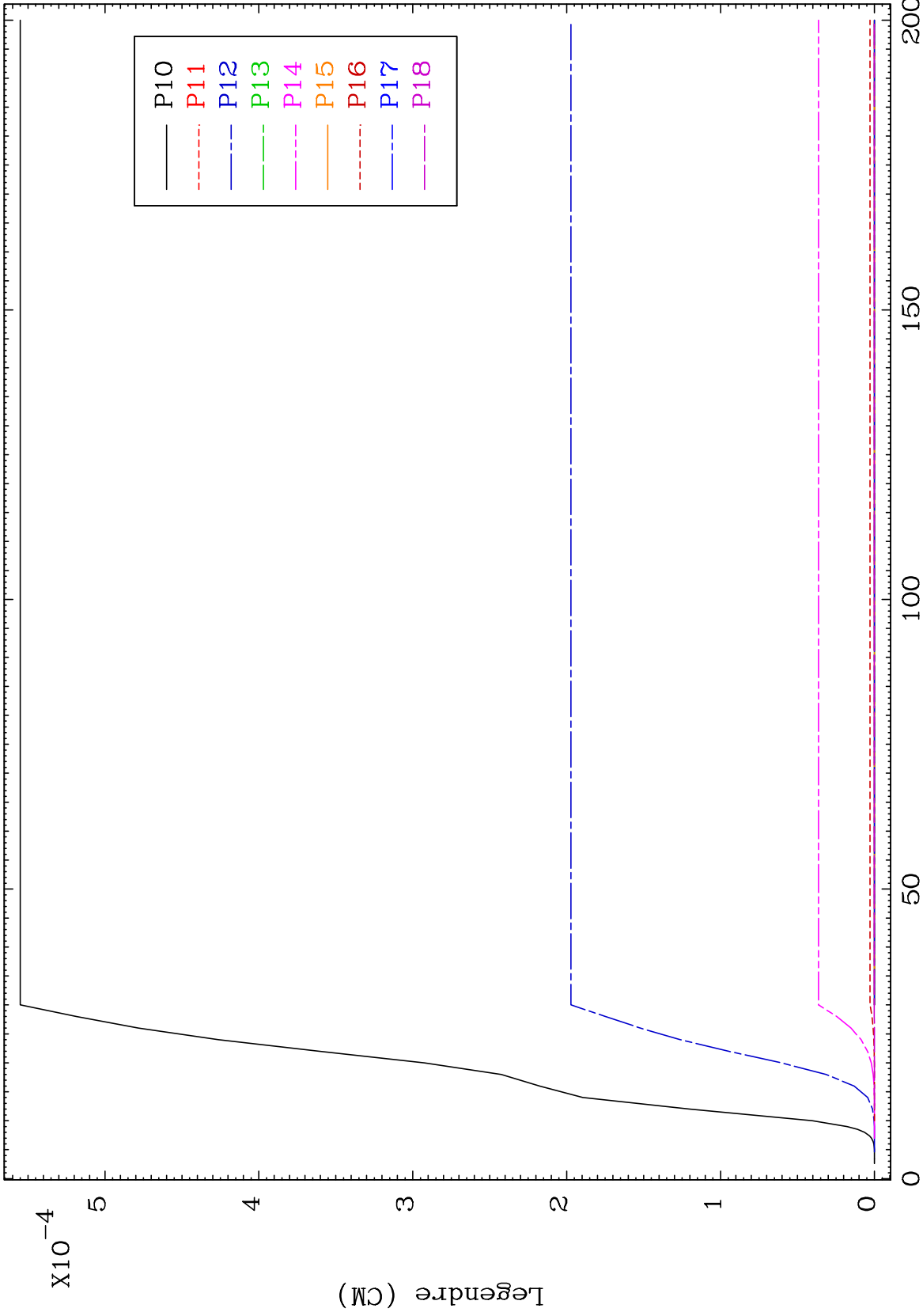
23-V -52



MAT 2331

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

23-V -52



64

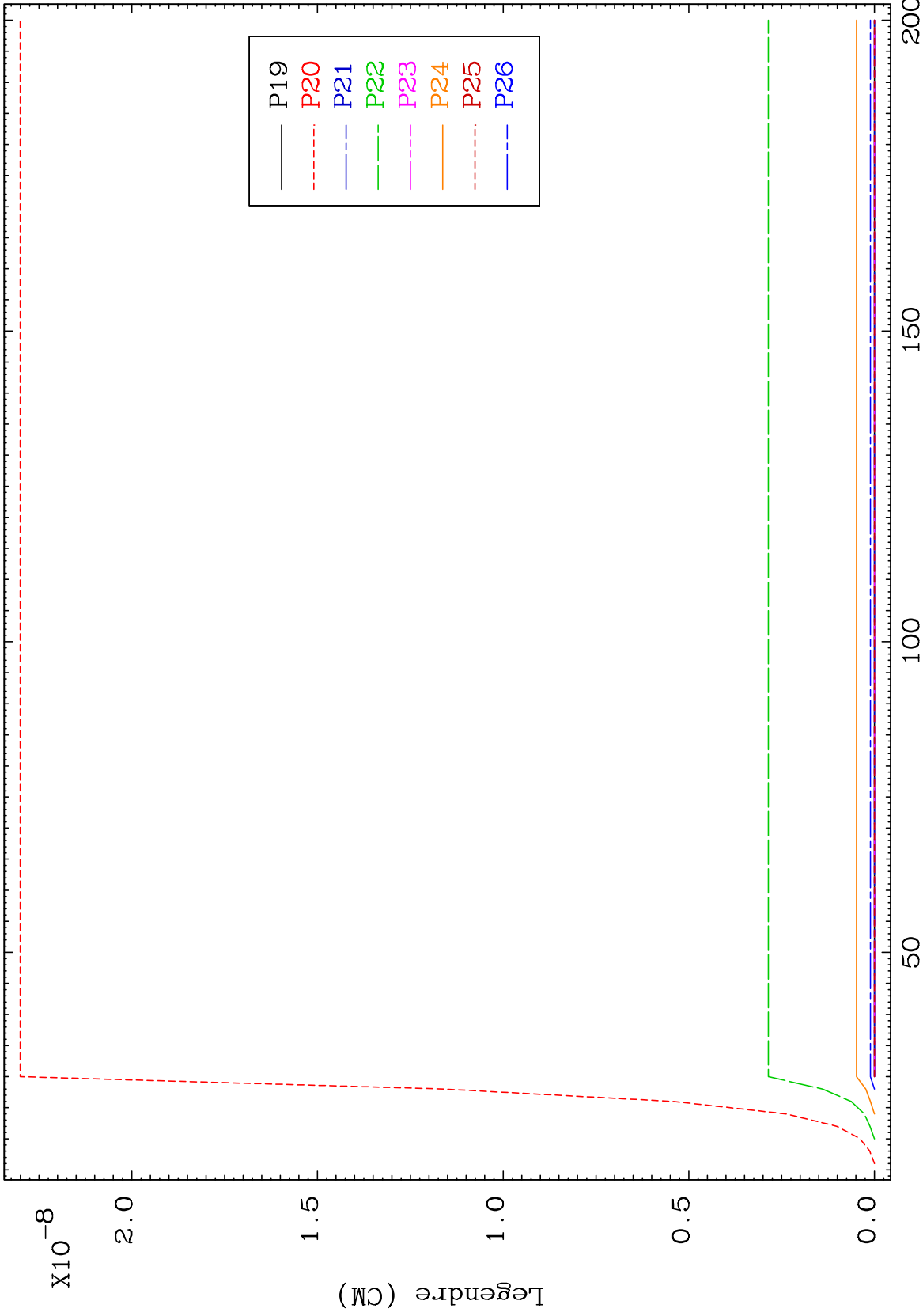
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



65

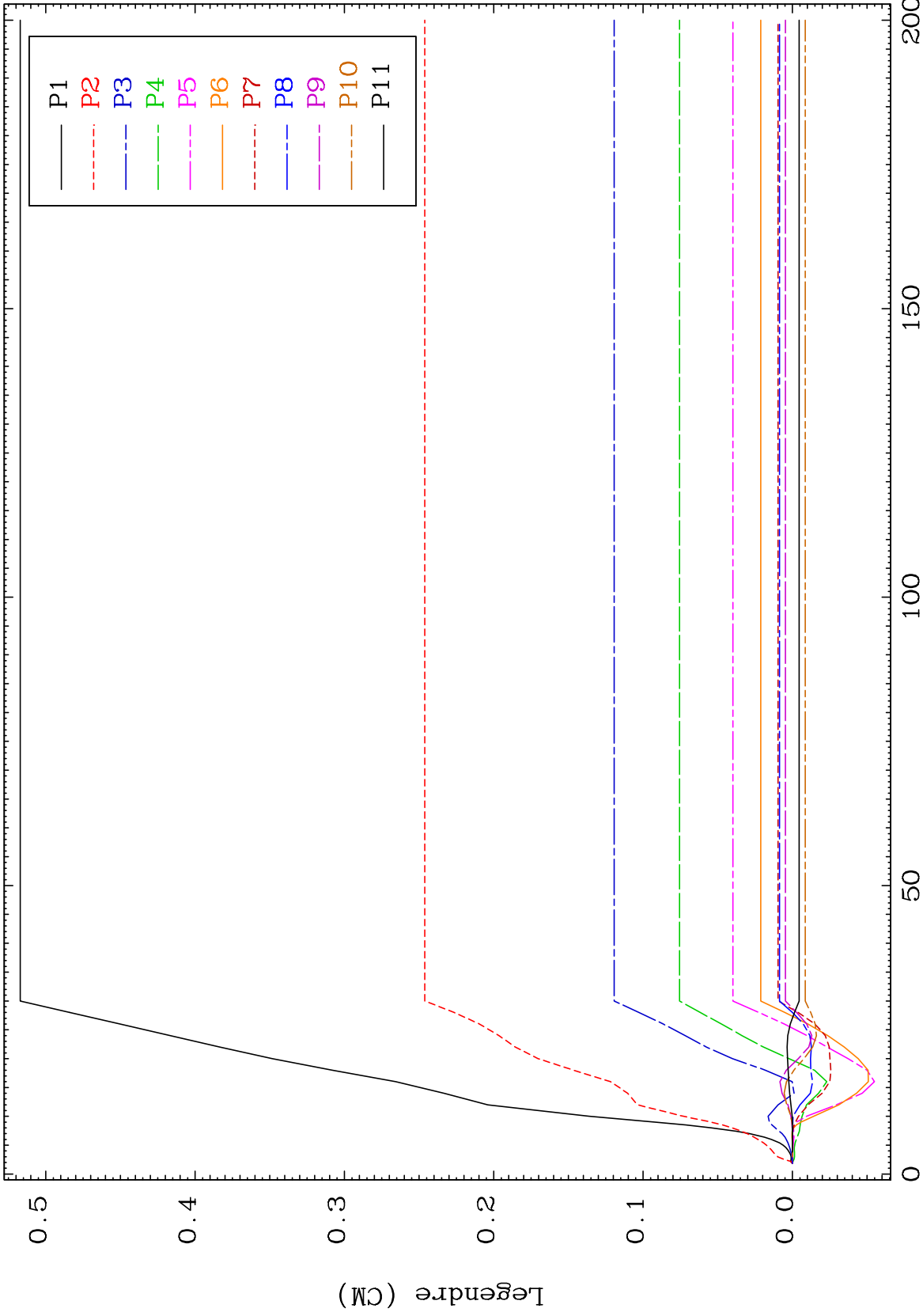
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



66

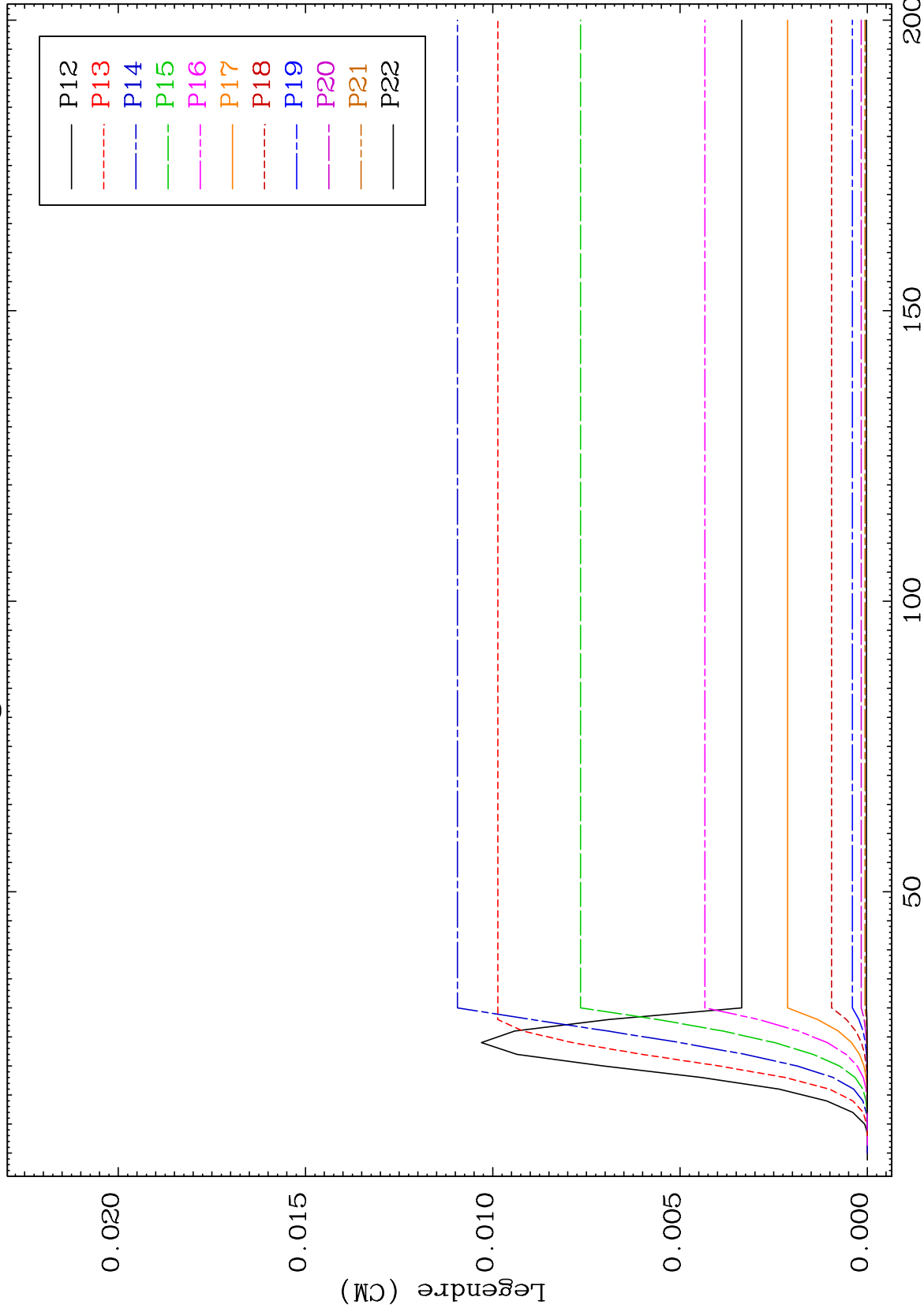
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



67

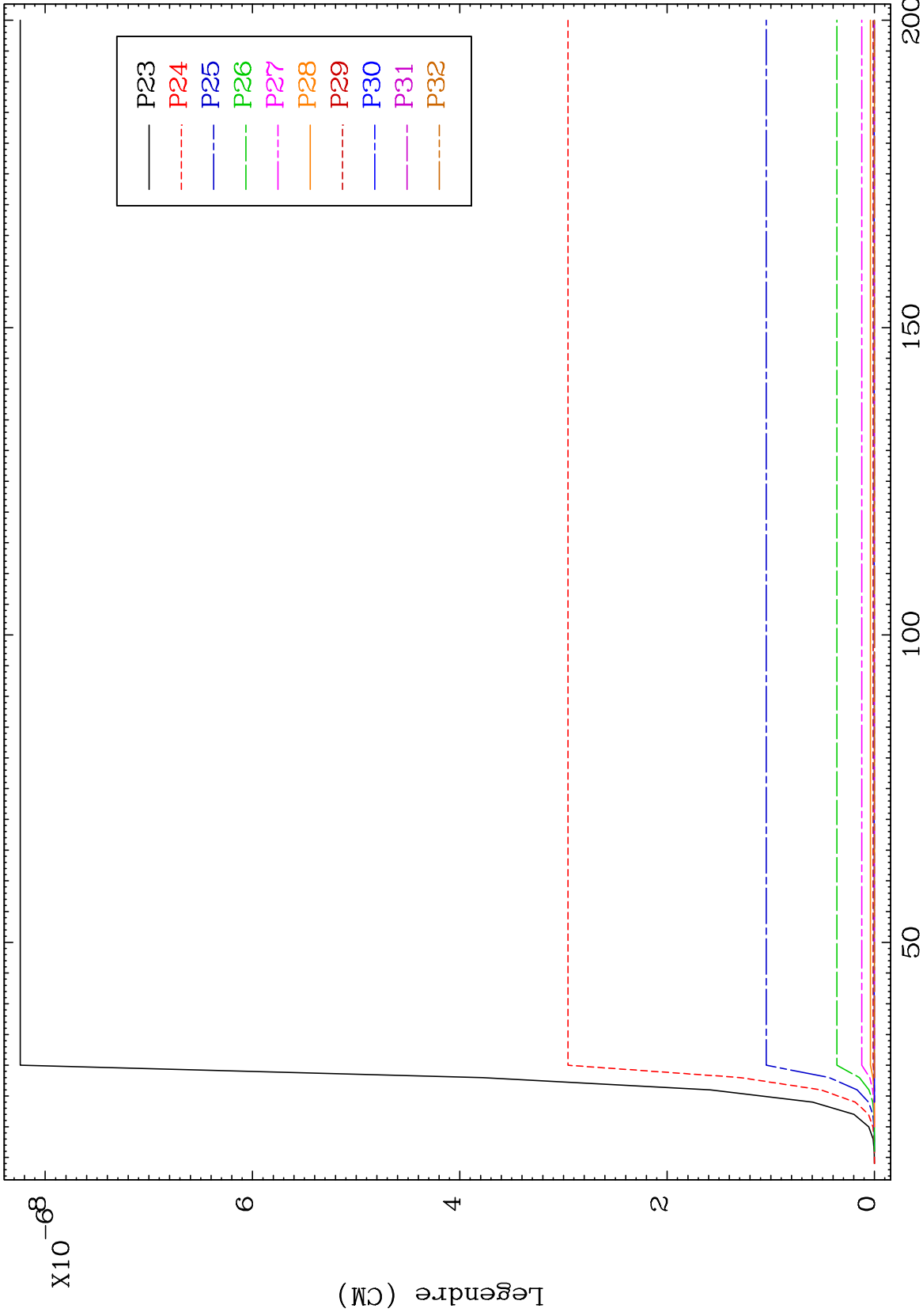
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



68

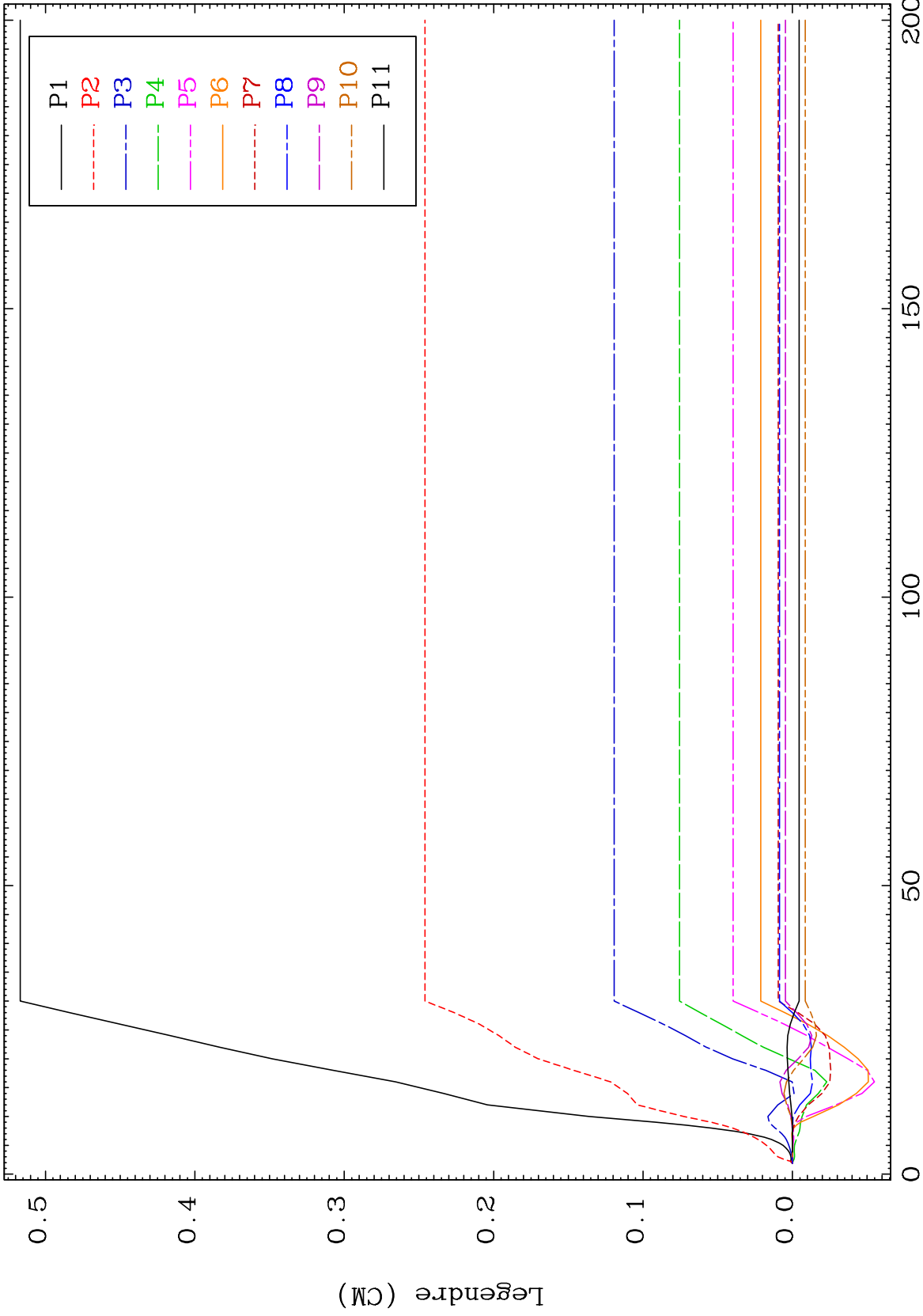
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



69

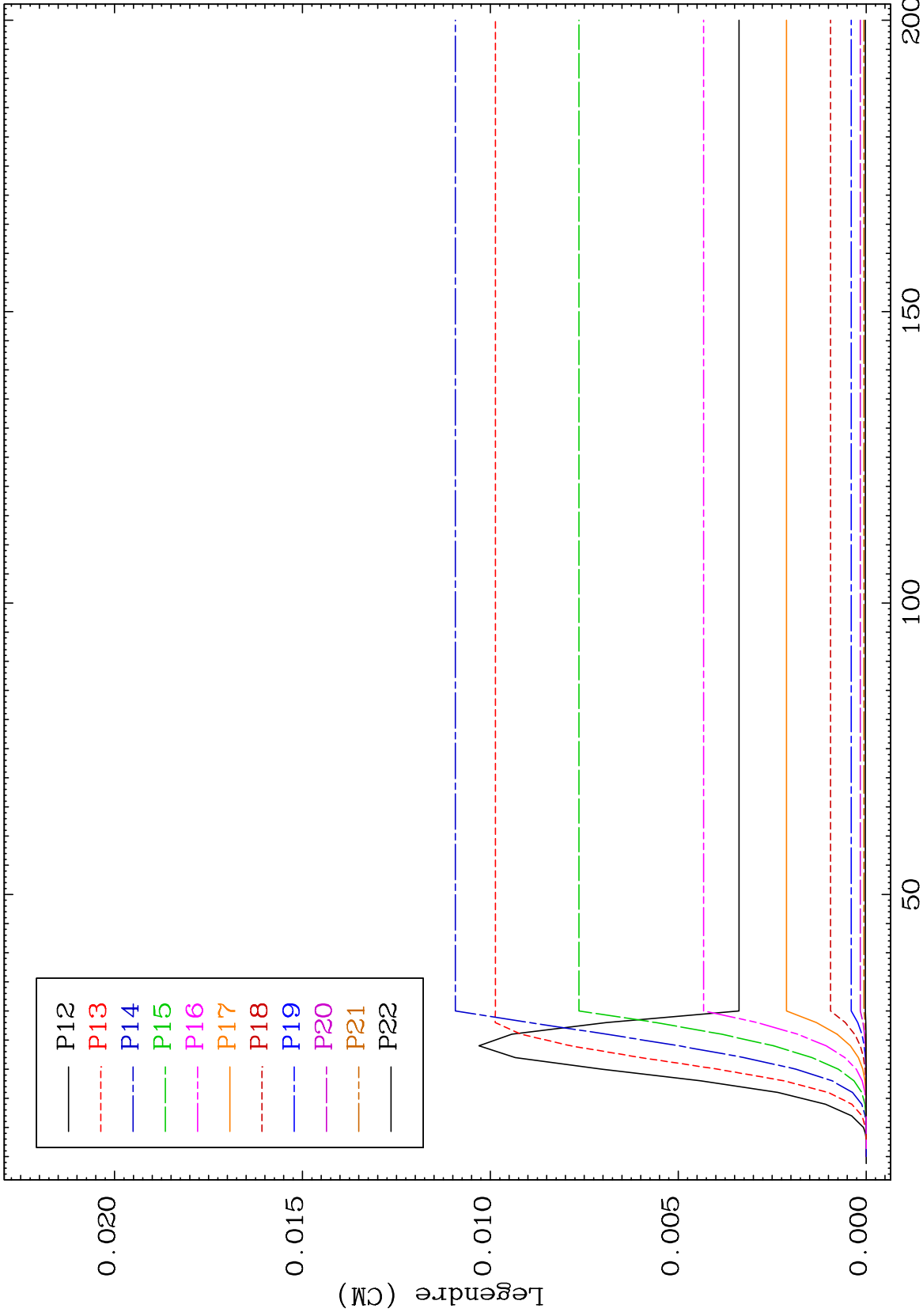
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



70

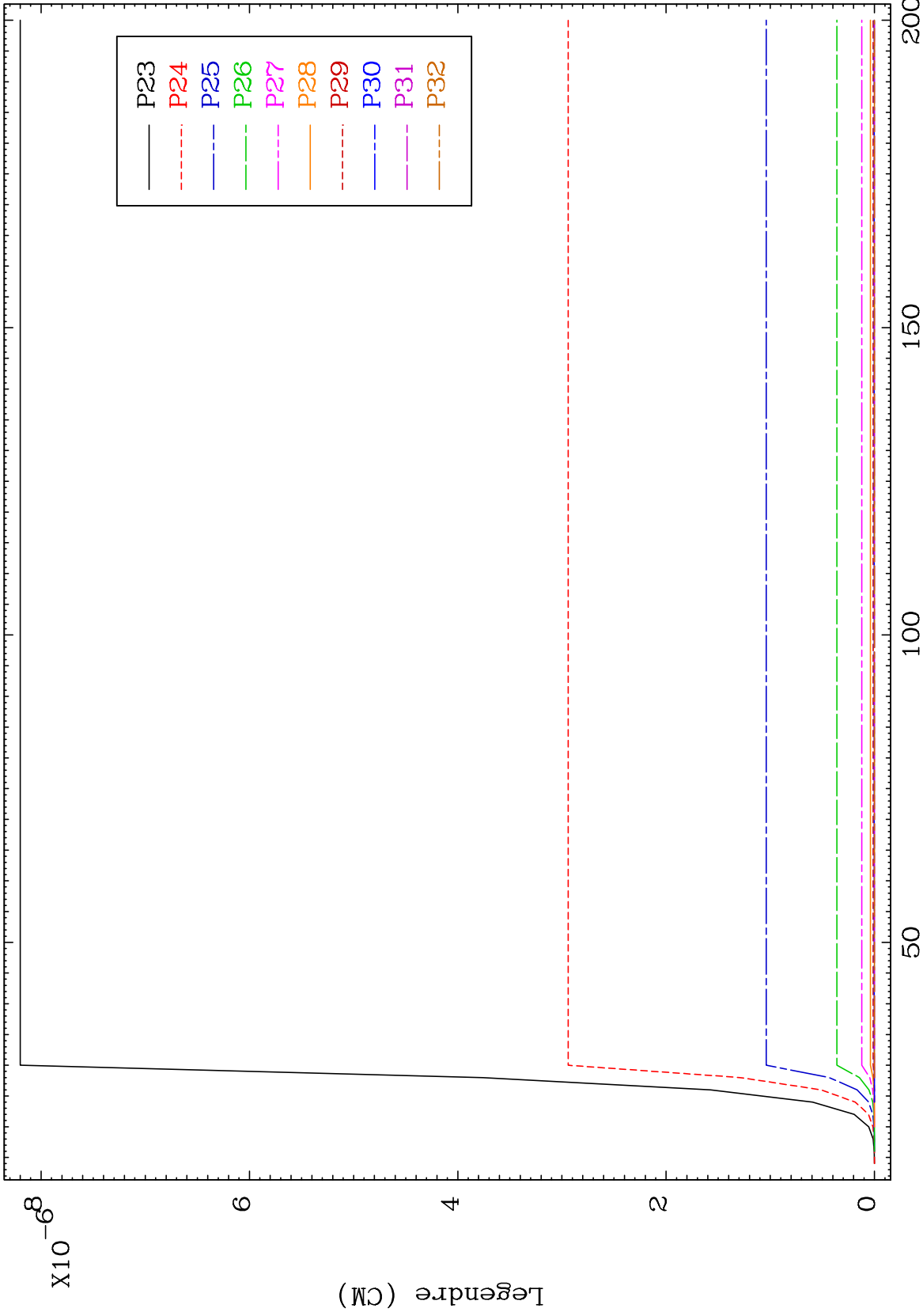
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



71

Incident Energy (MeV)

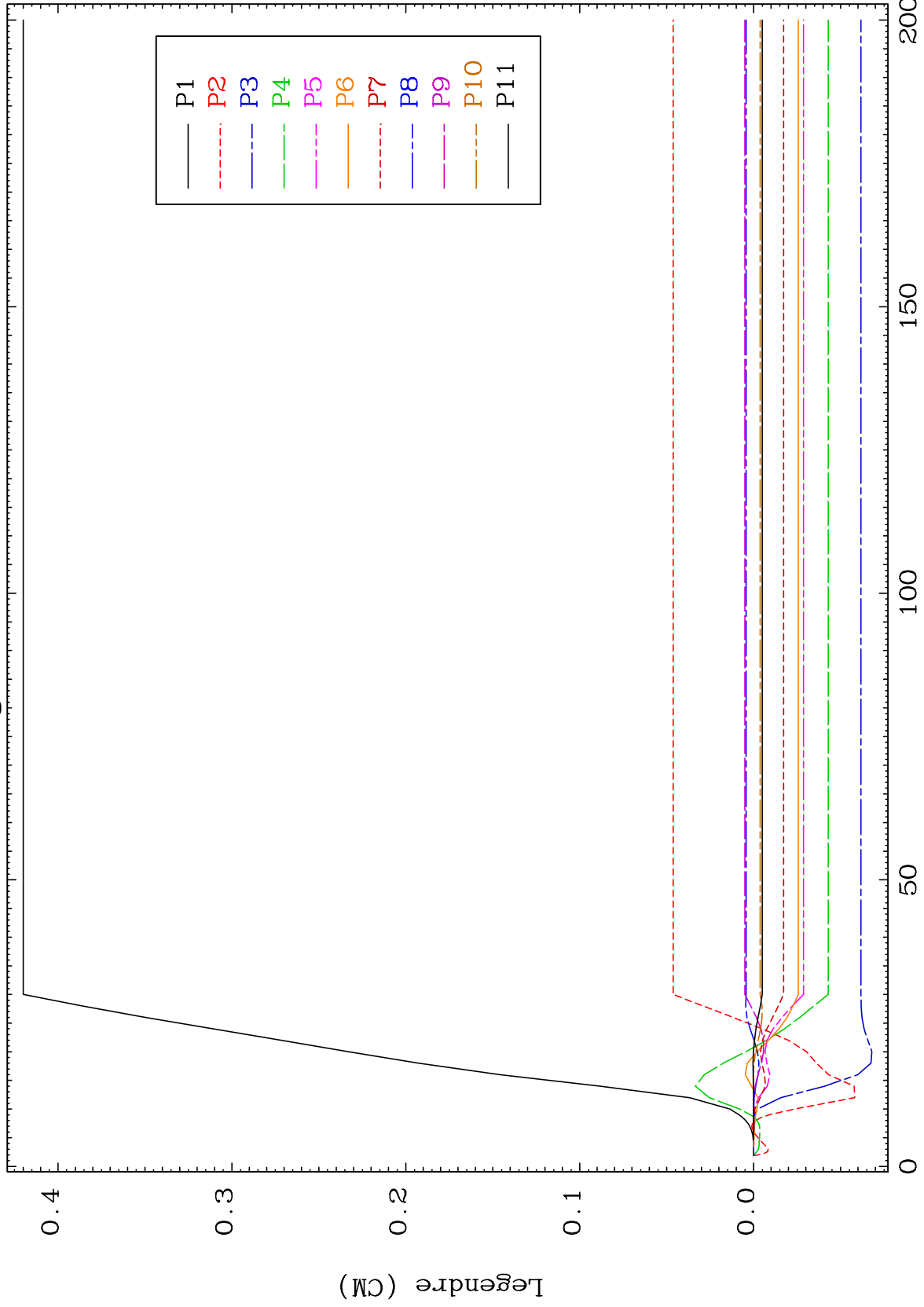
23-V -52



MAT 2331

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

23-V -52



72

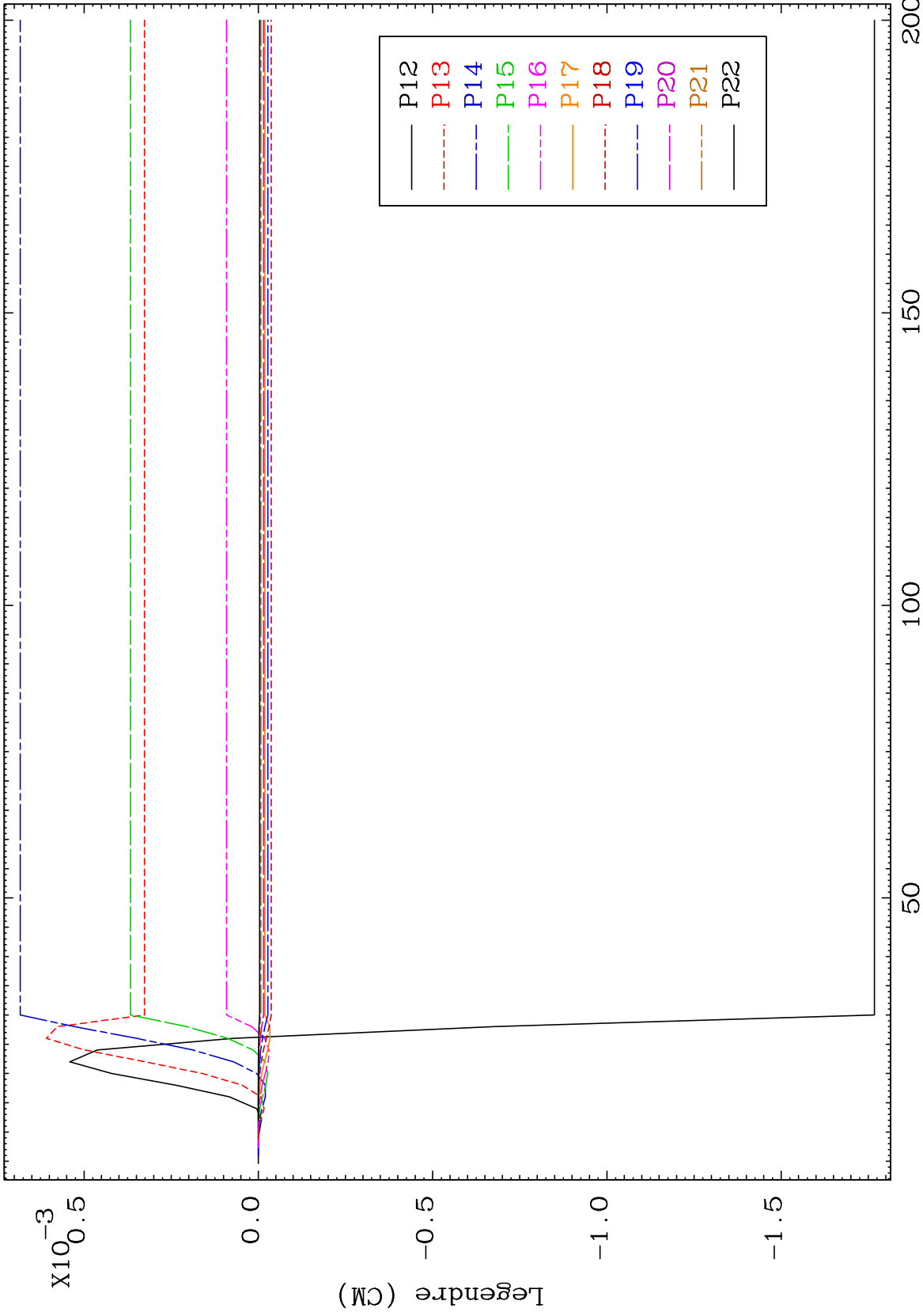
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



73

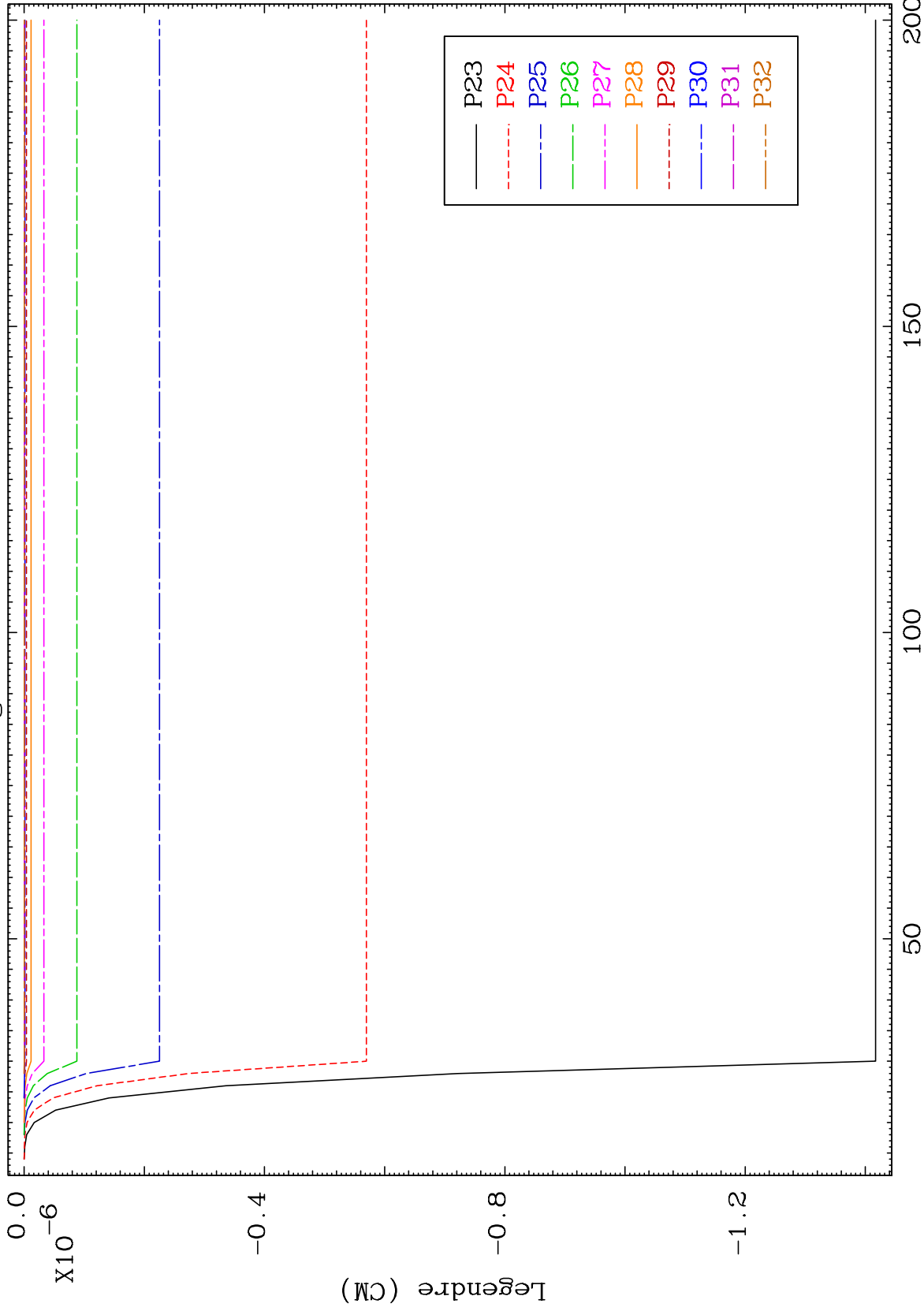
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52

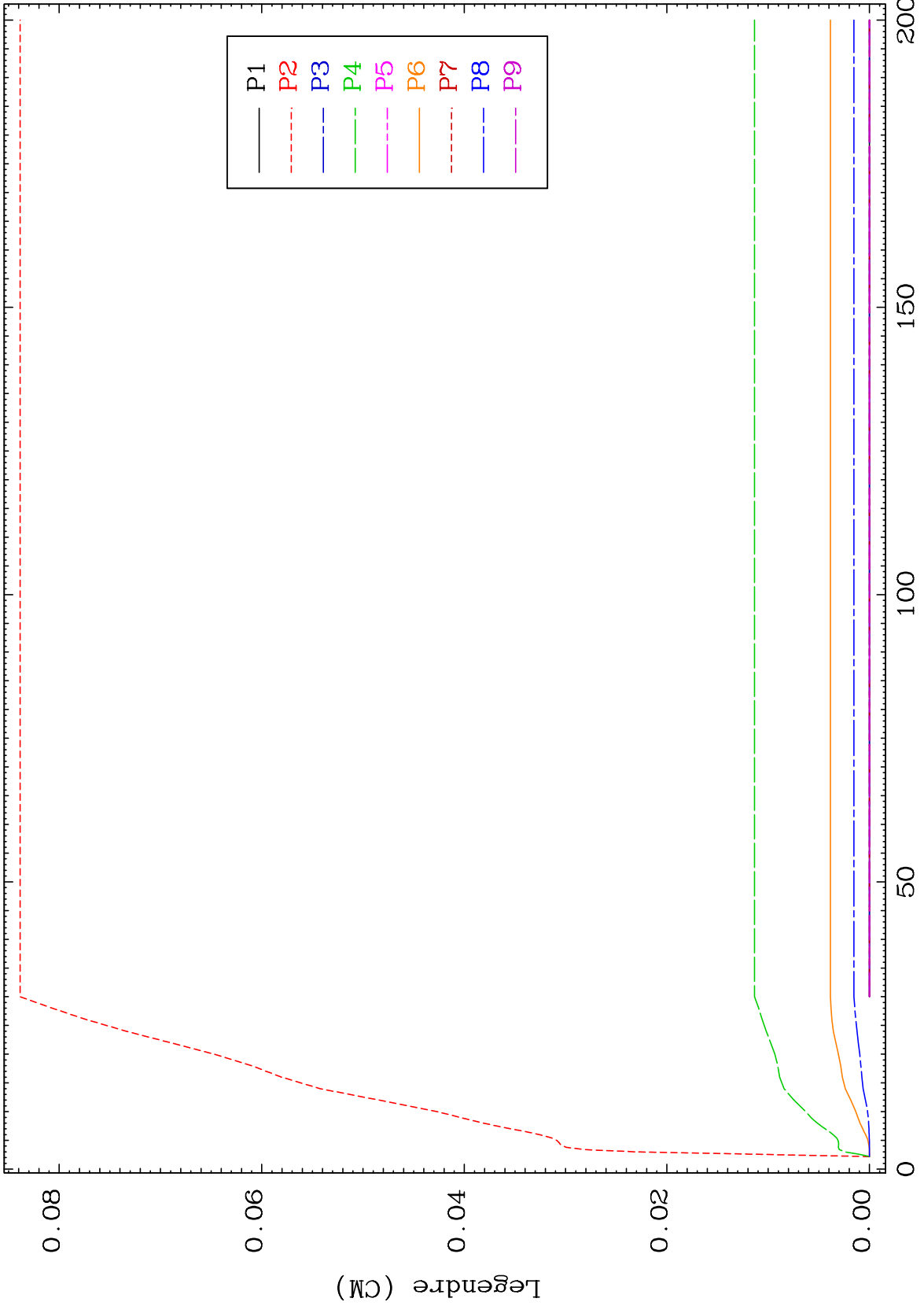


23-V -52

Incident Energy (MeV)

74

MAT 2331 MT= 70 (n,n') Level Legendre Coefficients 23-V -52

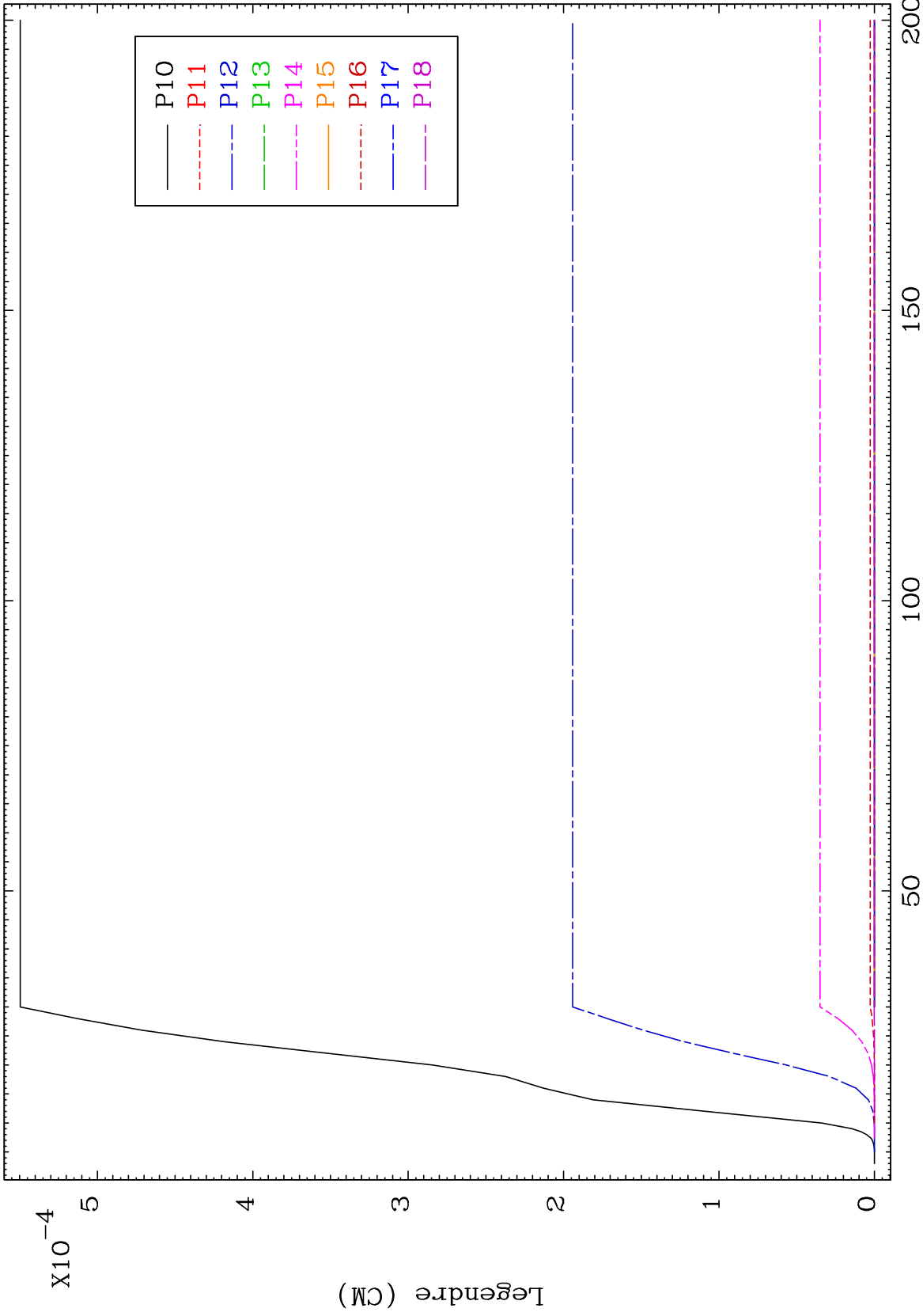


75 100 150 200 23-V -52

MAT 2331

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

23-V -52

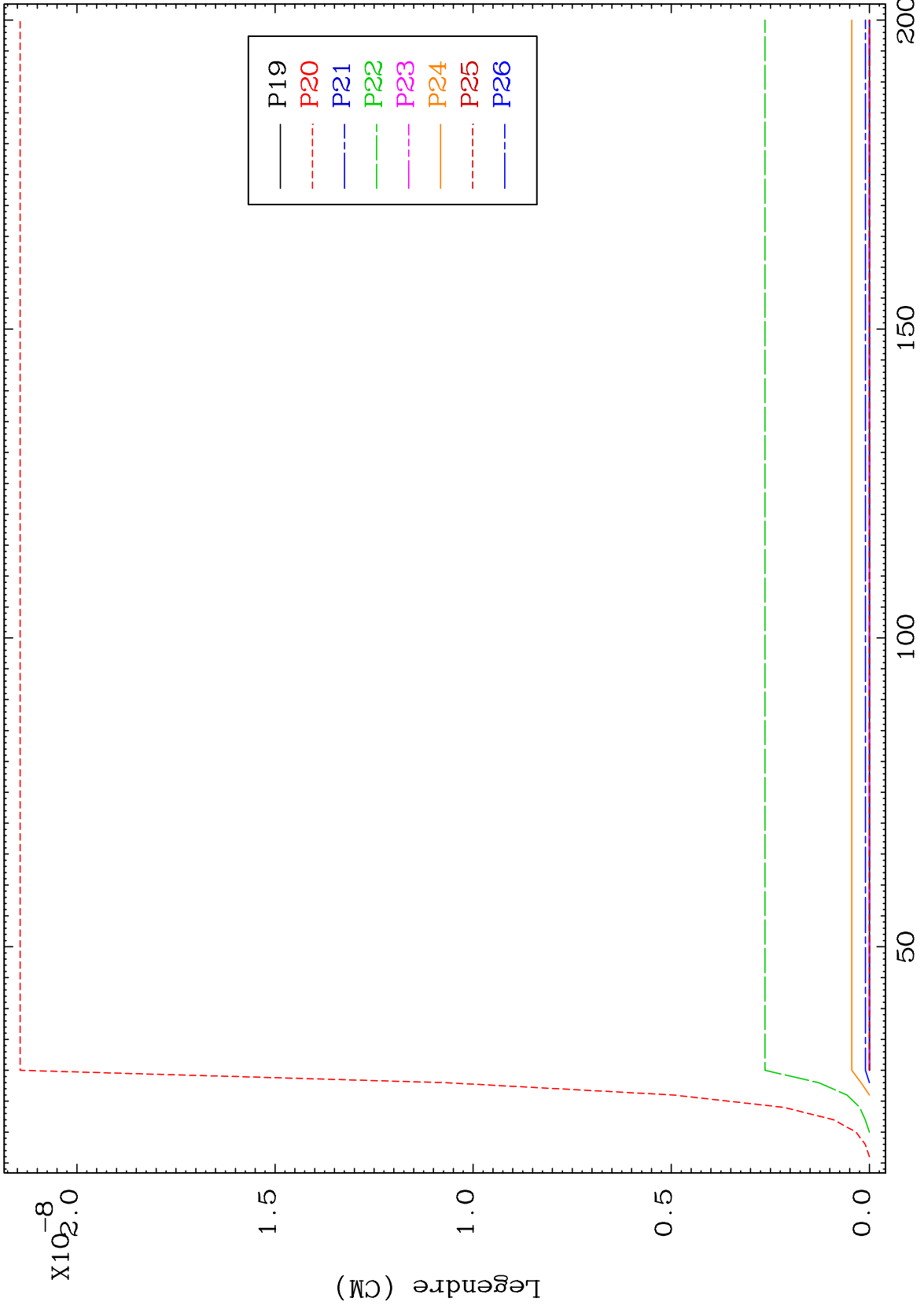


76

Incident Energy (MeV)

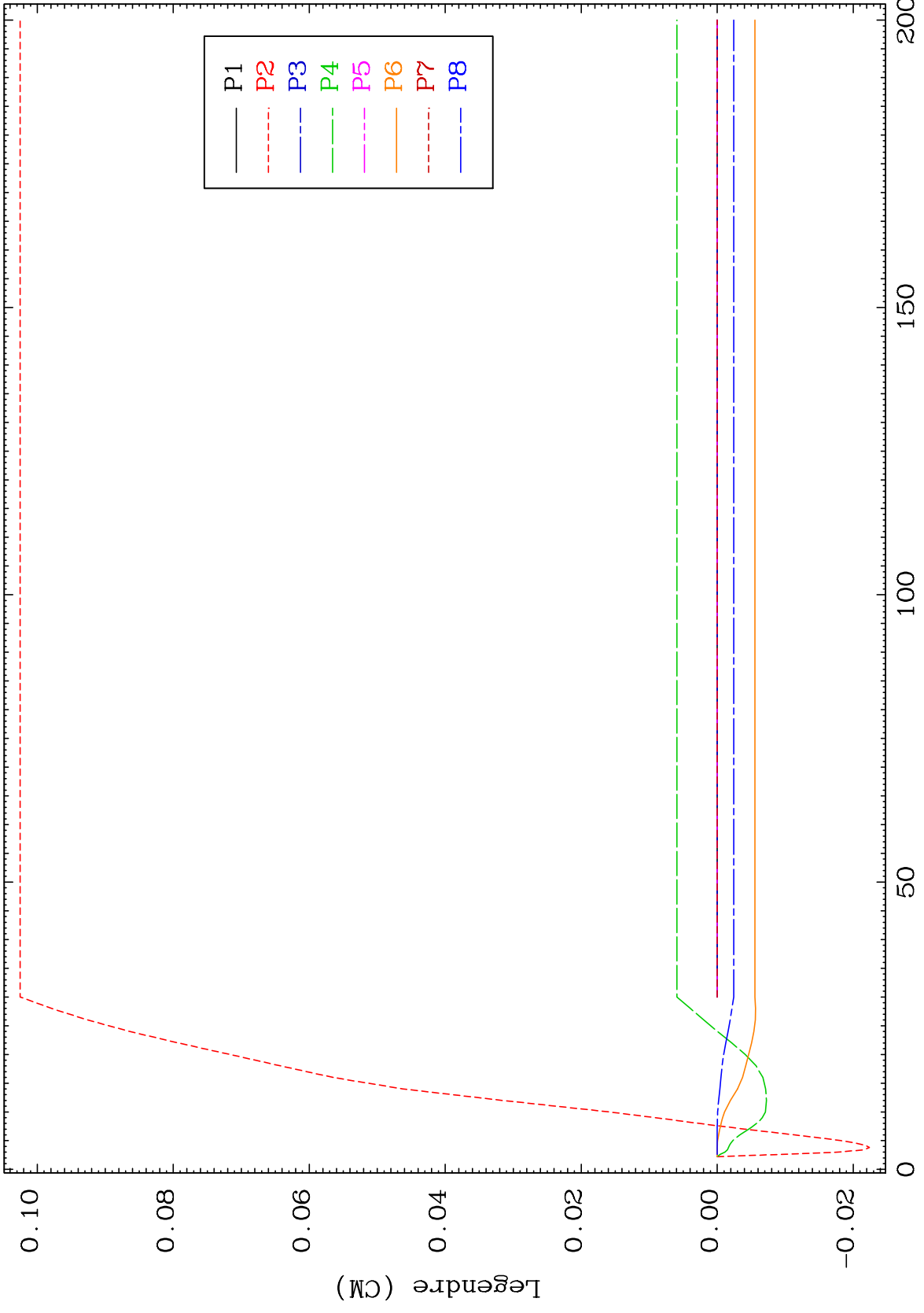
23-V -52

MAT 2331 MT= 70 (n,n') Level Legendre Coefficients 23-V -52



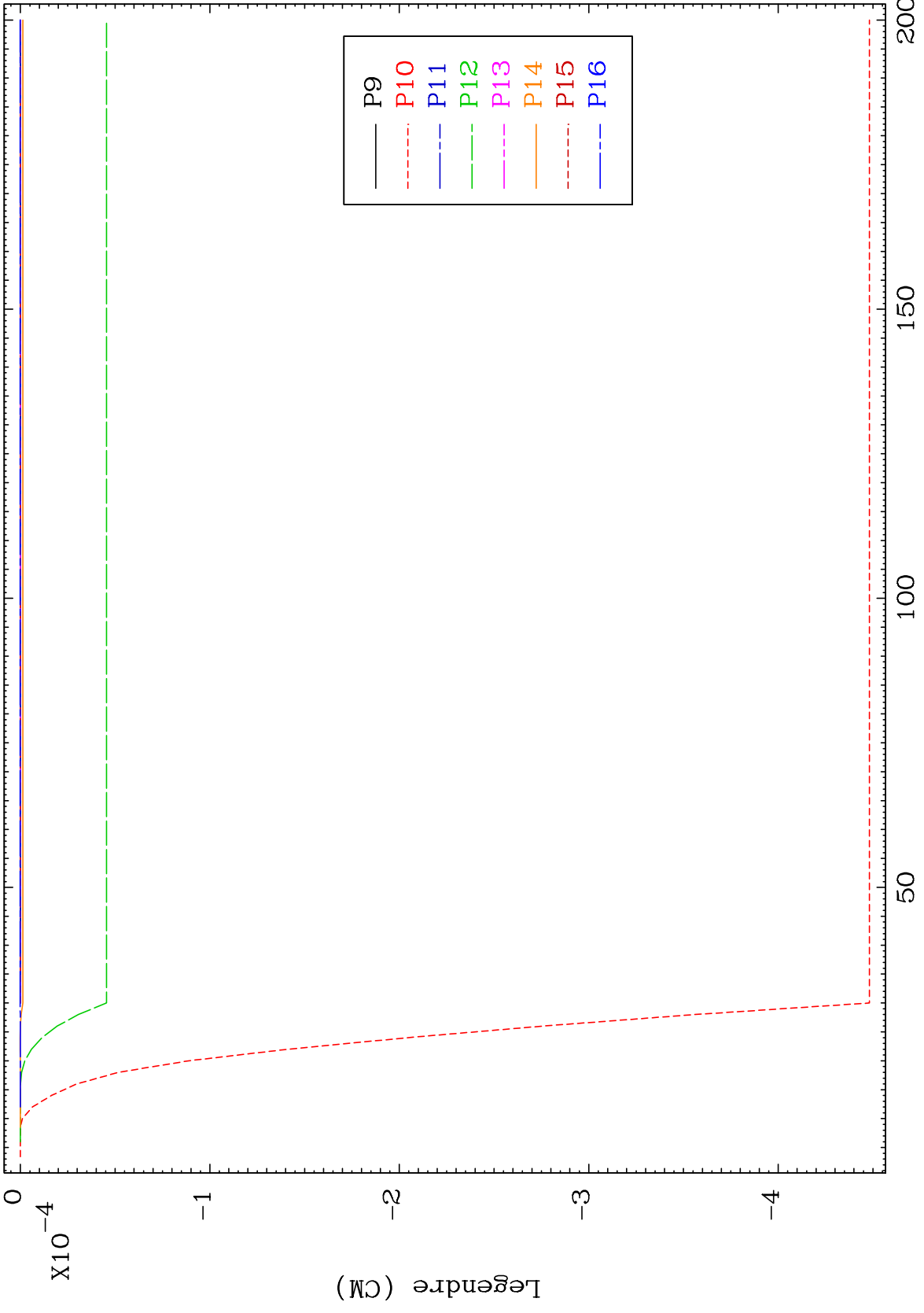
77 23-V -52

MAT 2331 MT= 71 (n,n') Level Legendre Coefficients 23-V -52



78 Incident Energy (MeV) 23-V -52

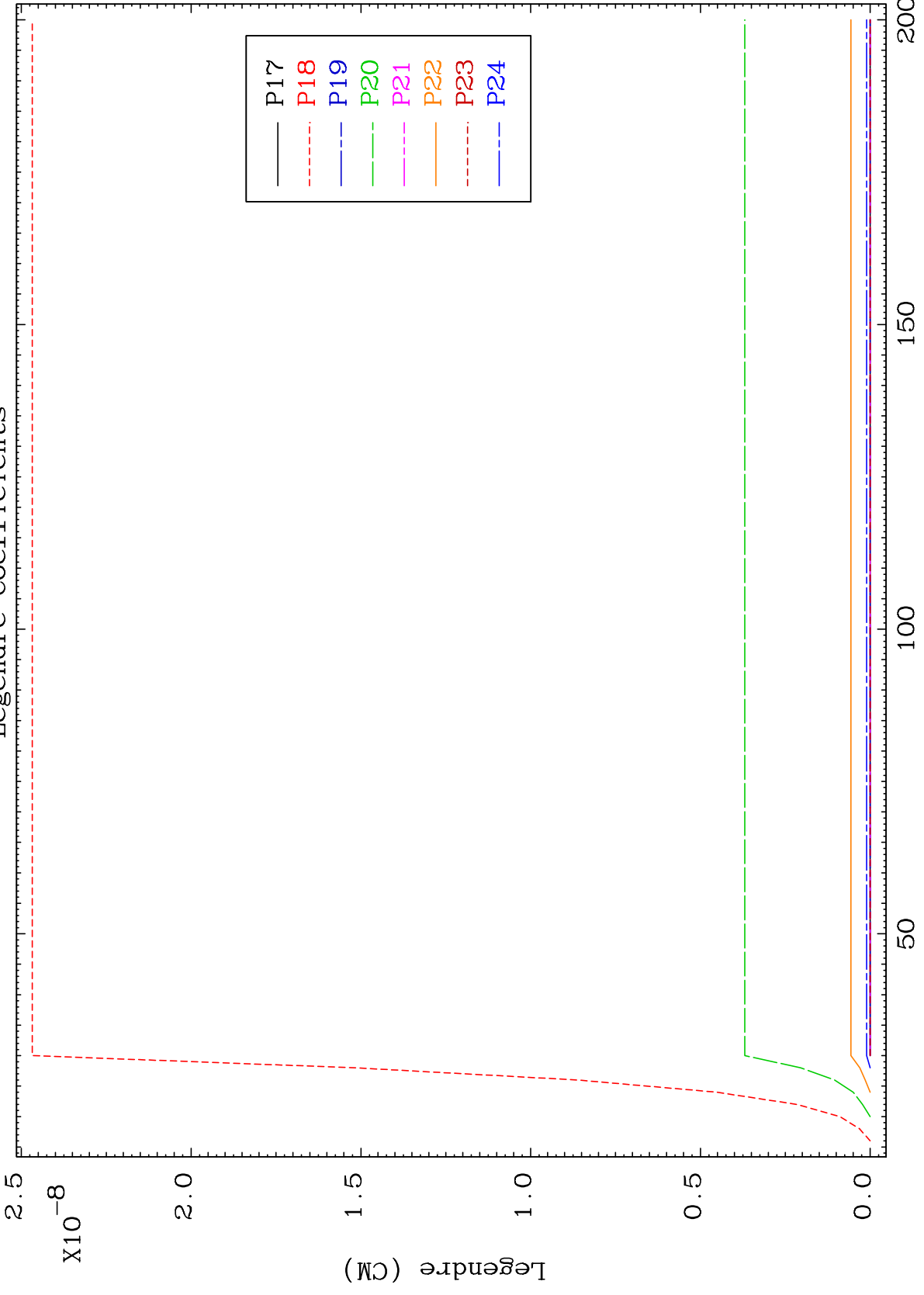
MAT 2331 MT= 71 (n,n') Level Legendre Coefficients 23-V -52



79 23-V -52



MAT 2331 MT= 71 (n,n') Level Legendre Coefficients 23-V -52

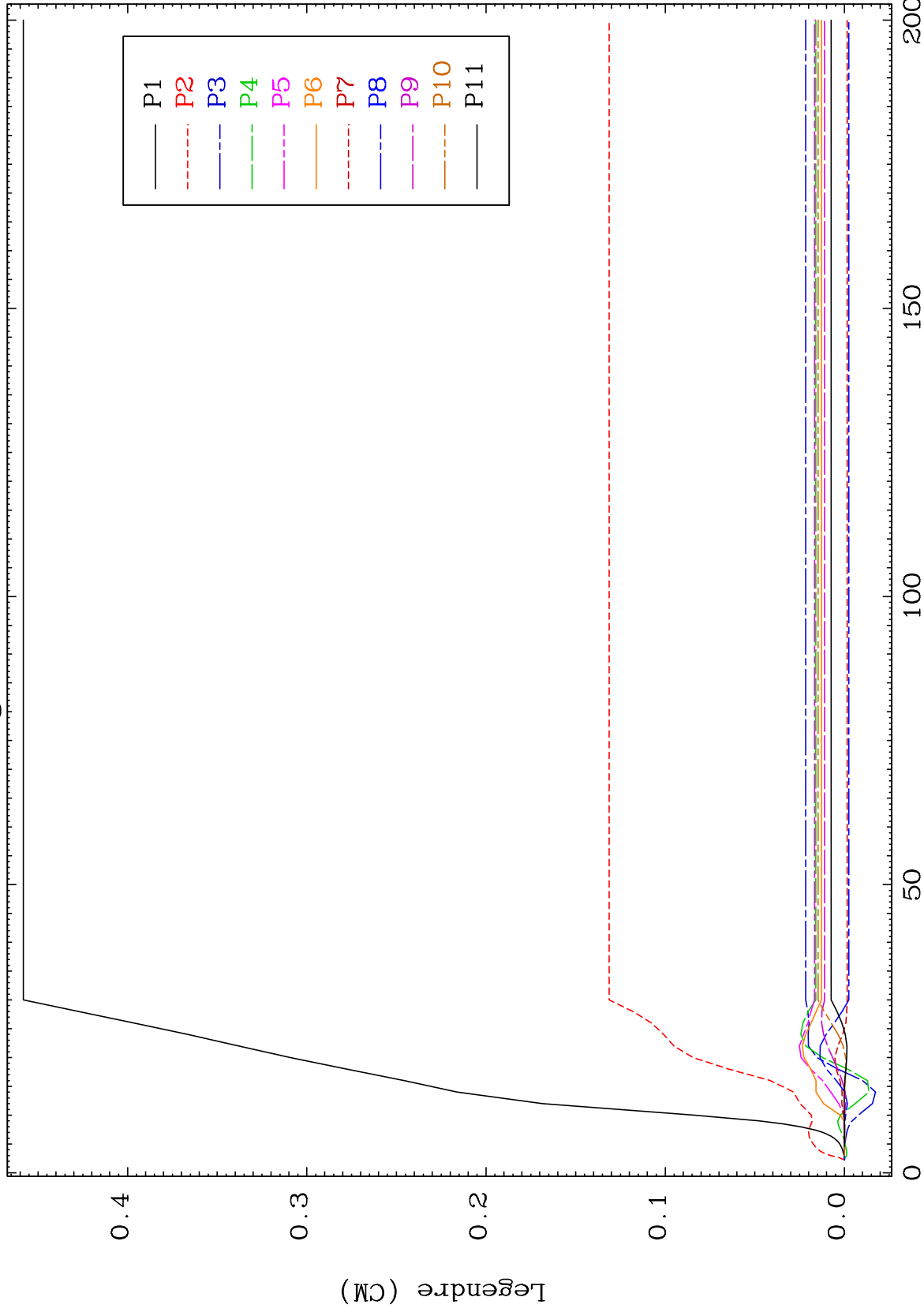


80 50 100 150 200 Incident Energy (MeV) 23-V -52

MAT 2331

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

23-V -52



81

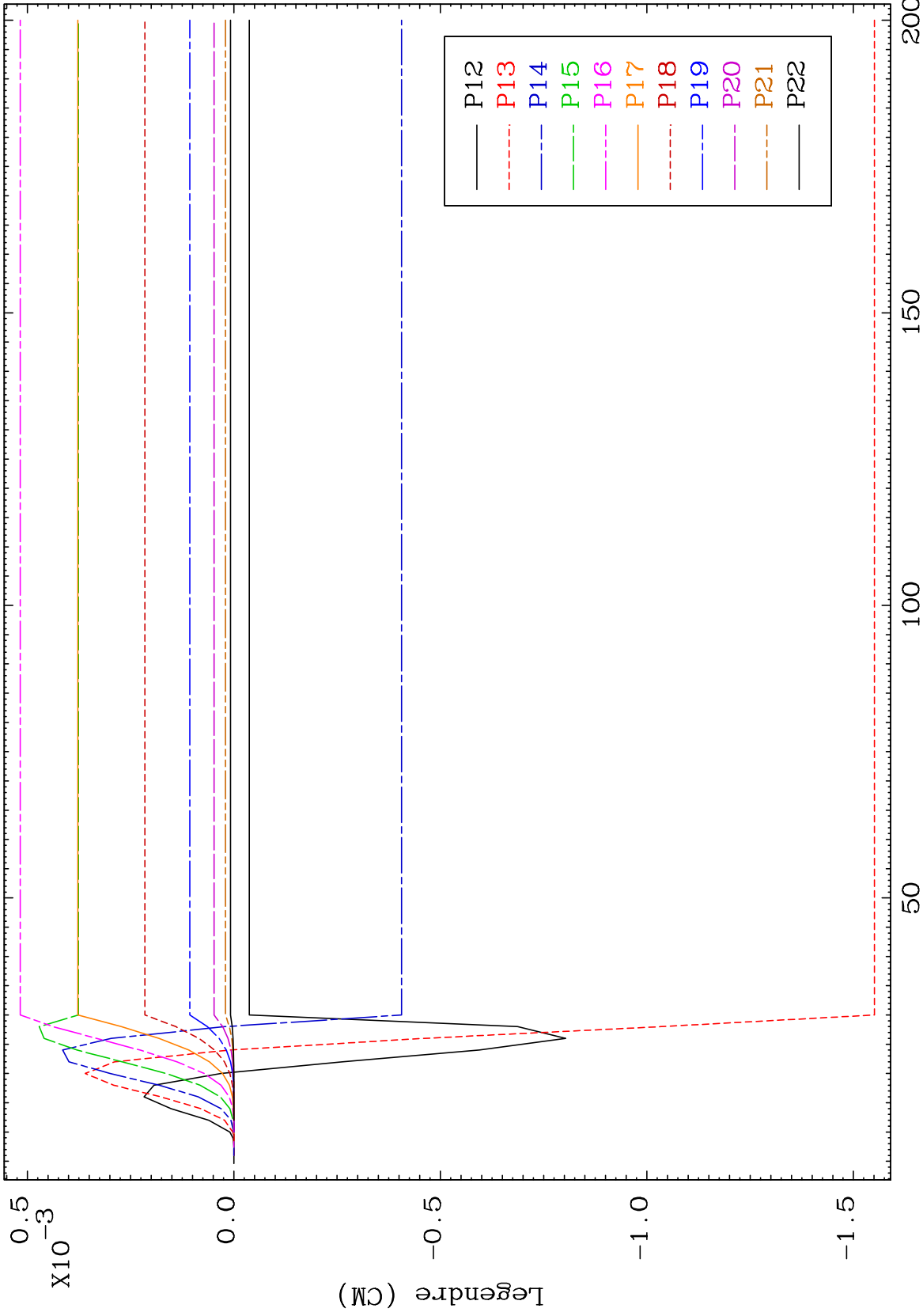
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



82

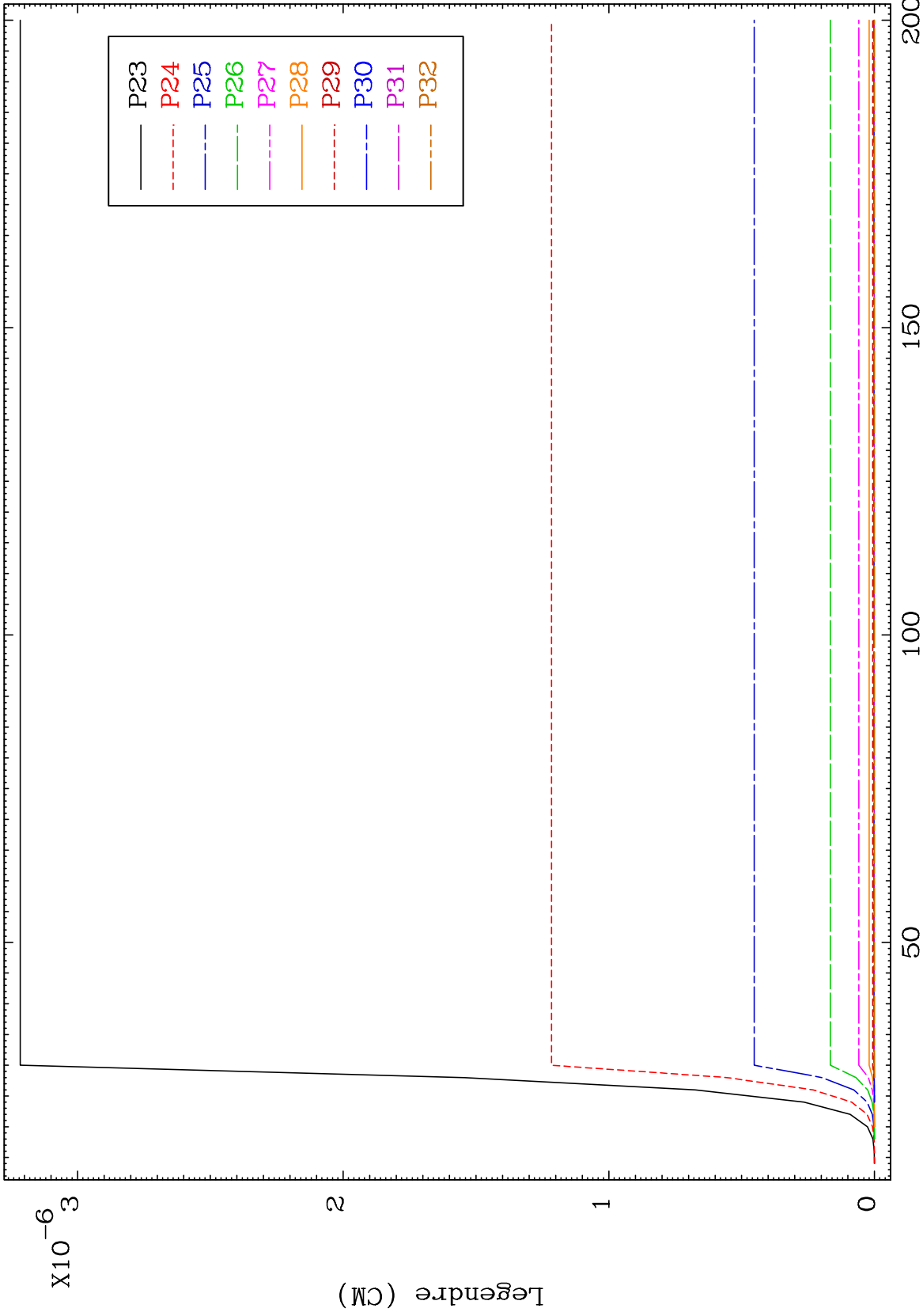
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



83

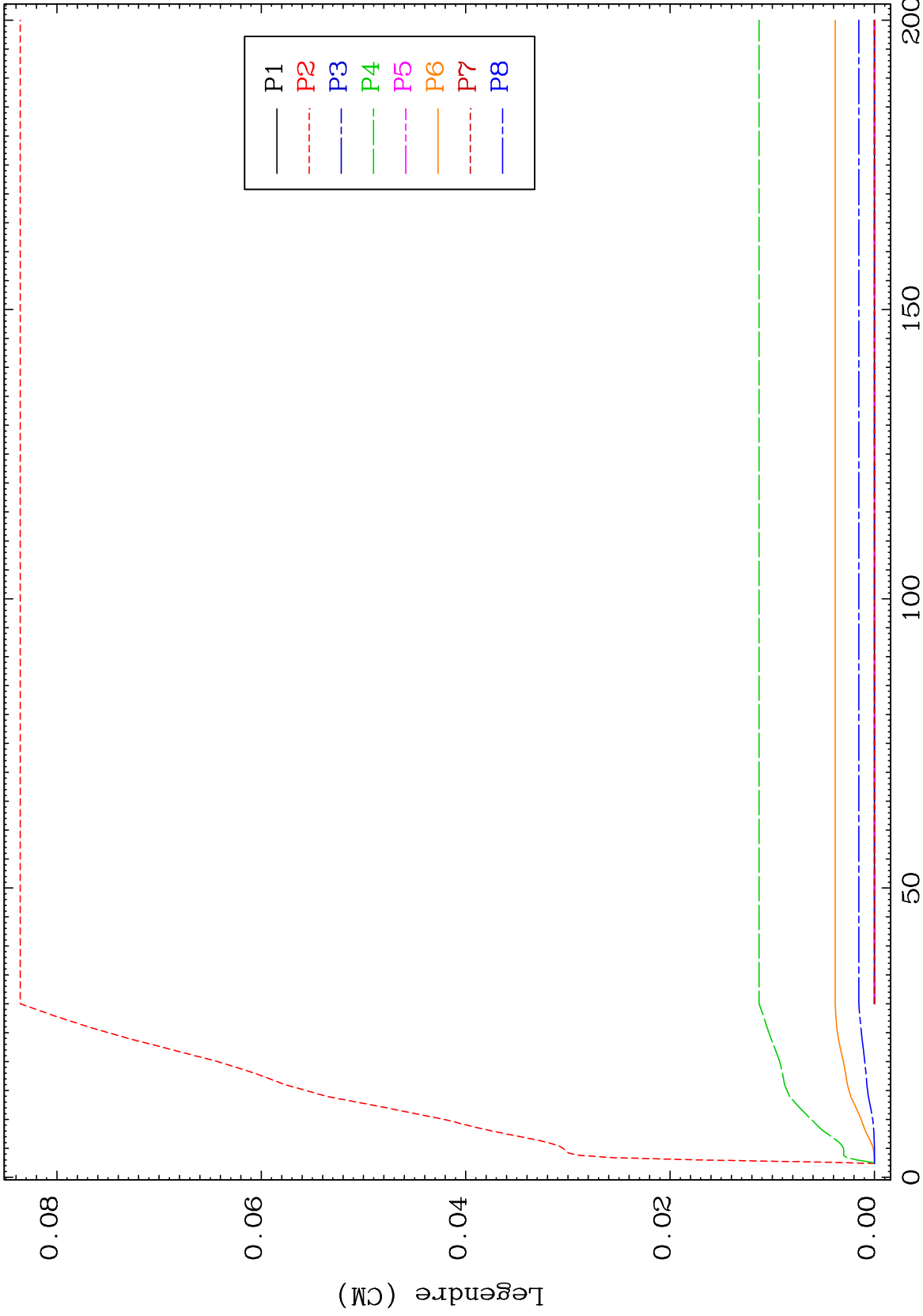
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



84

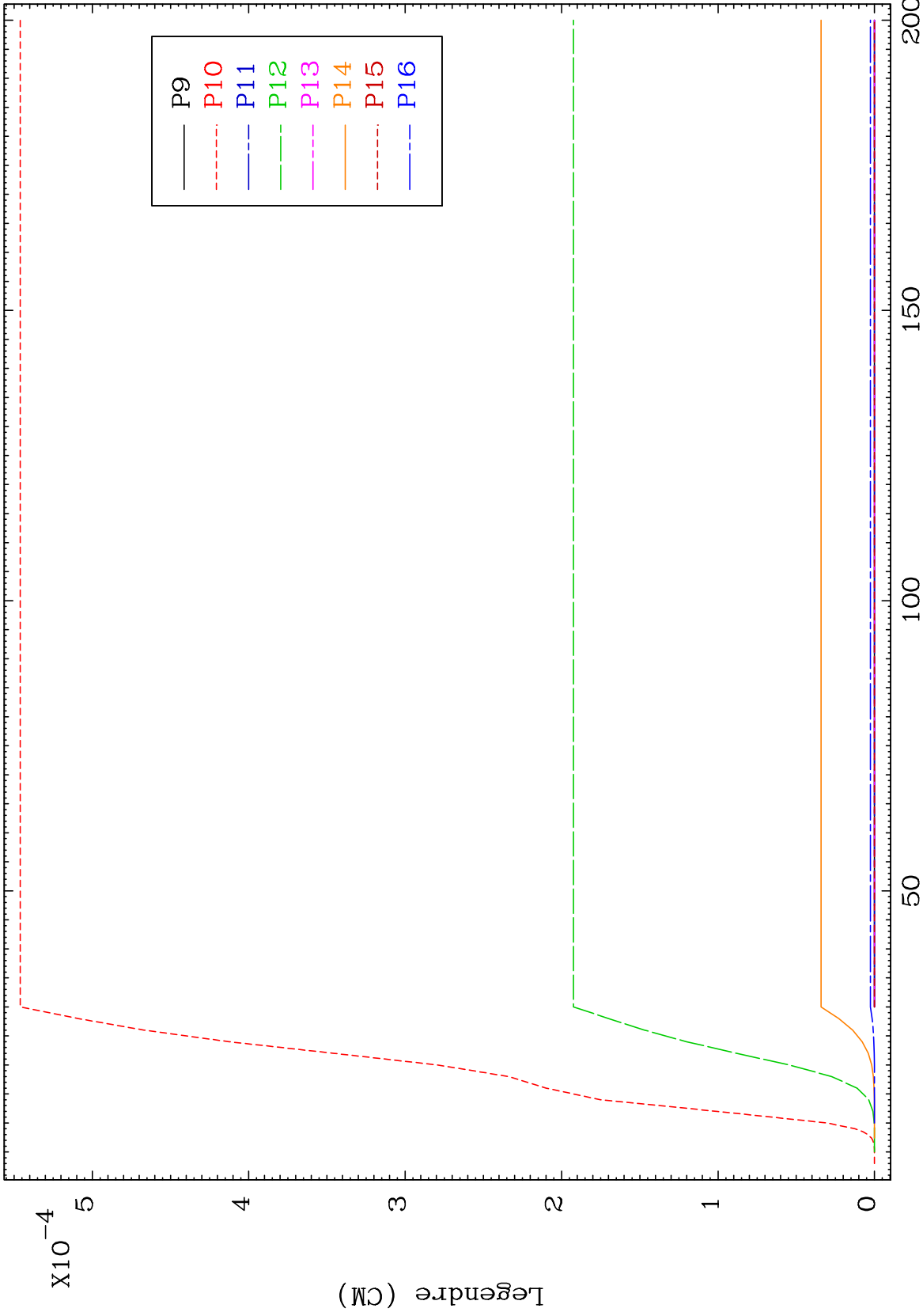
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52

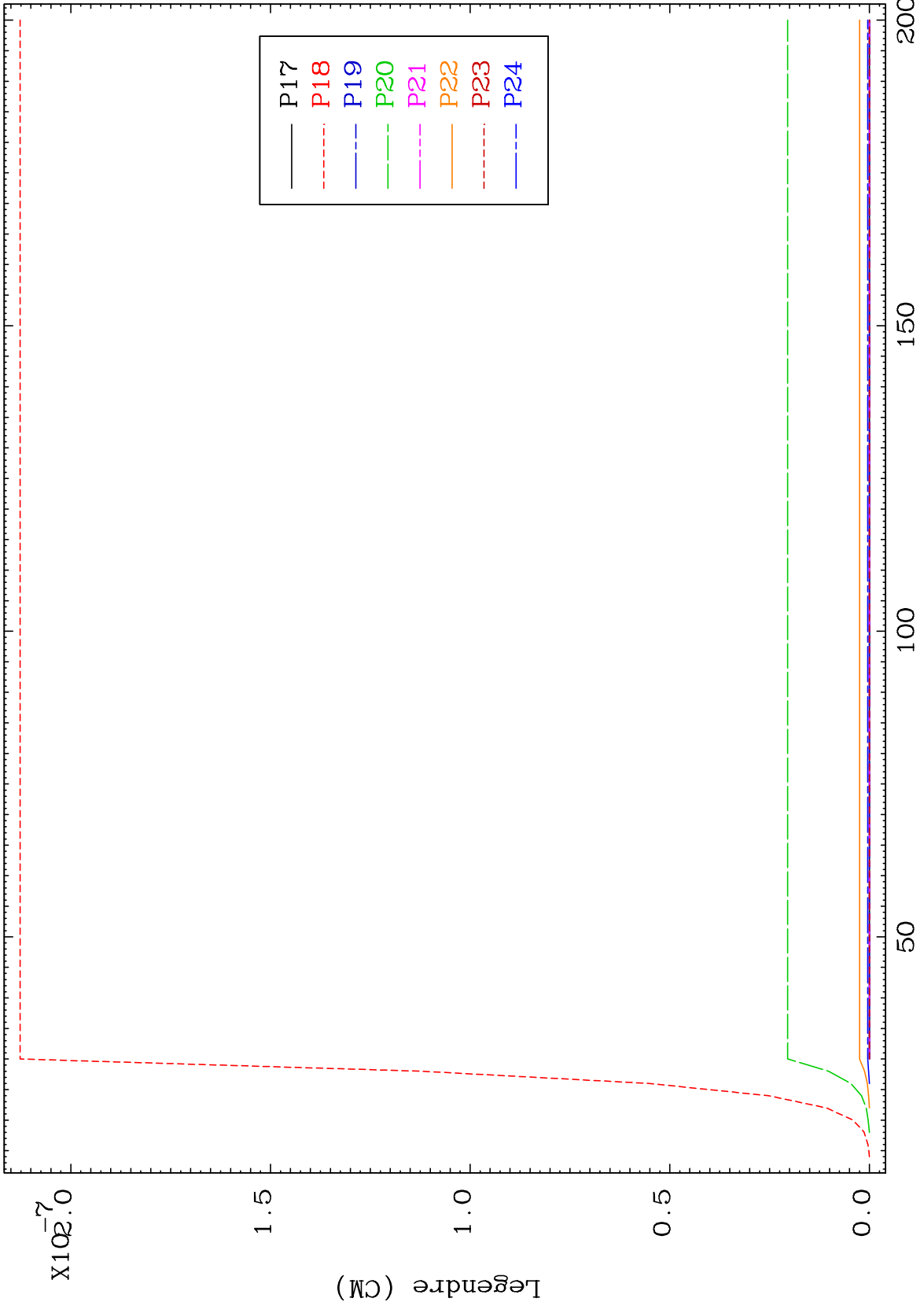


85

Incident Energy (MeV)

23-V -52

MAT 2331 MT= 73 (n,n') Level Legendre Coefficients 23-V -52

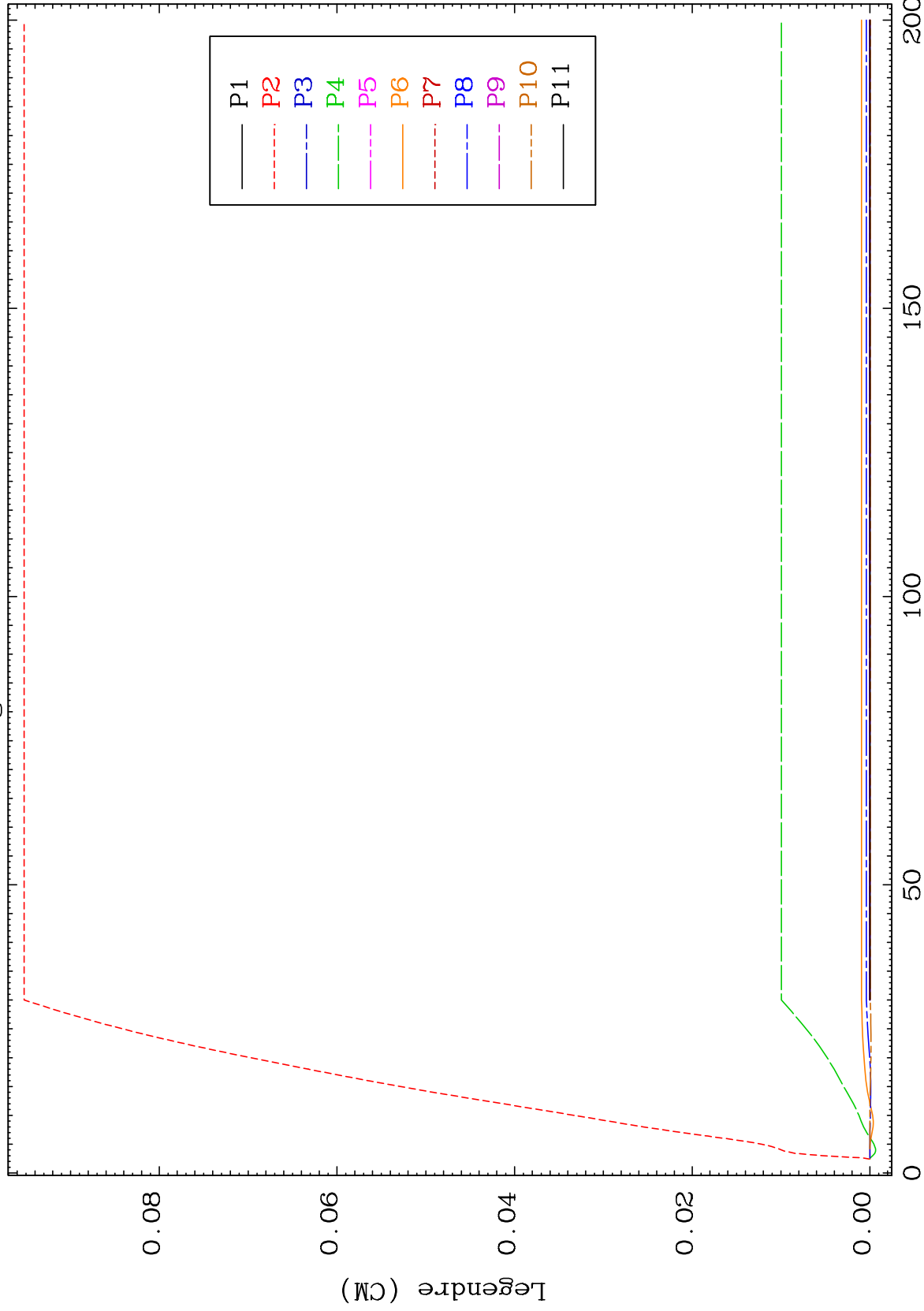


86 23-V -52

MAT 2331

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

23-V -52



87

Incident Energy (MeV)

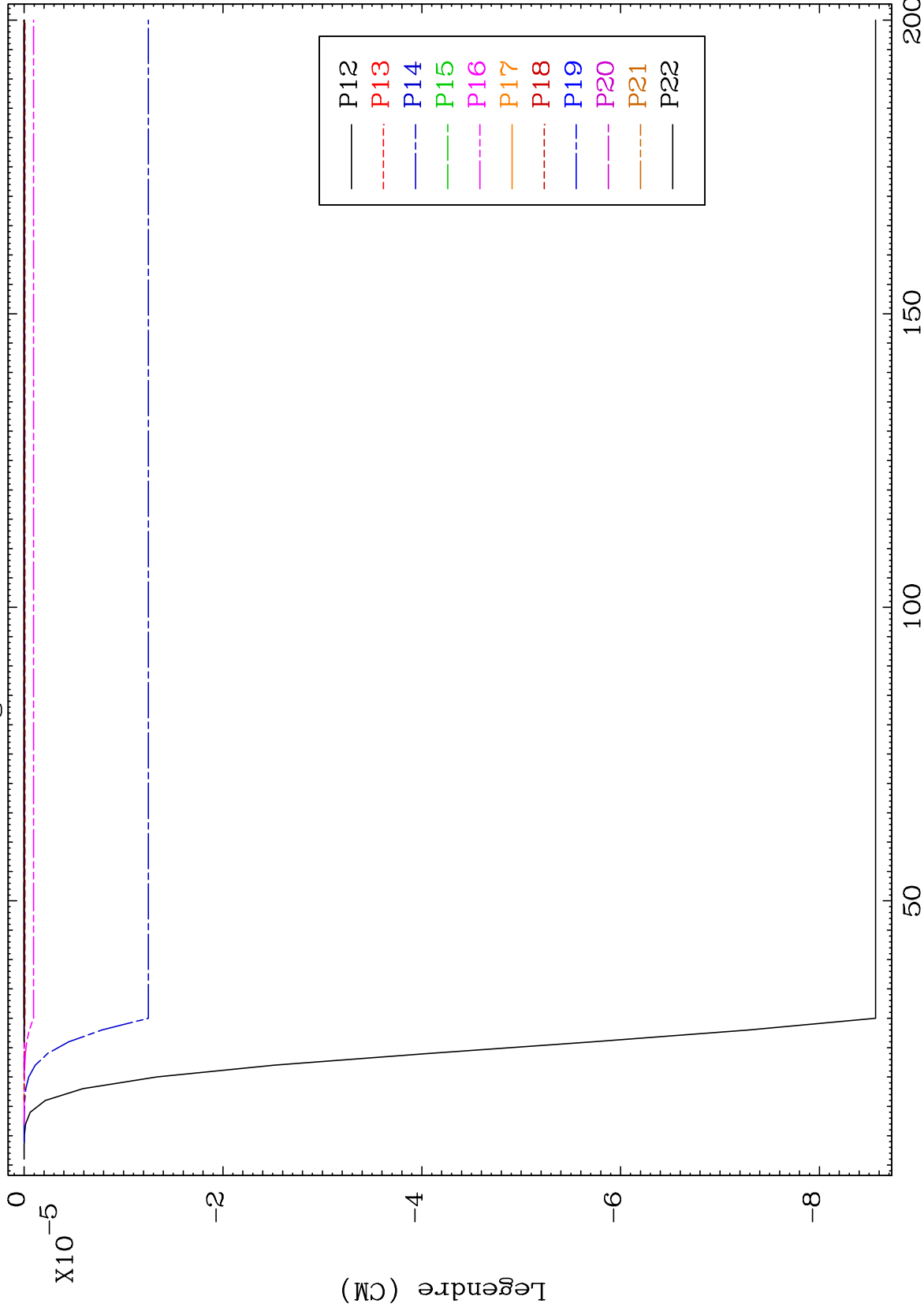
23-V -52



MAT 2331

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

23-V -52



88

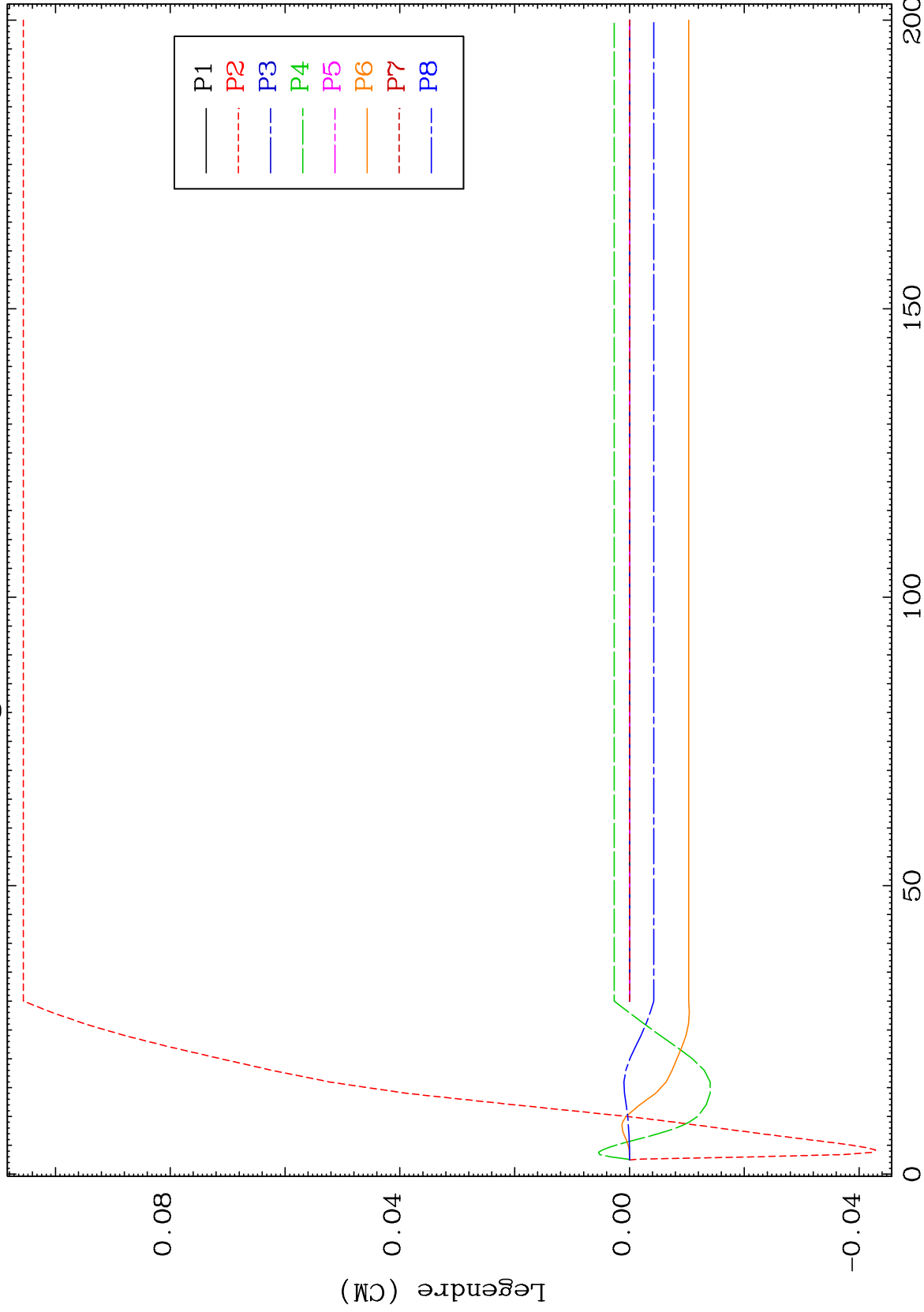
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



89

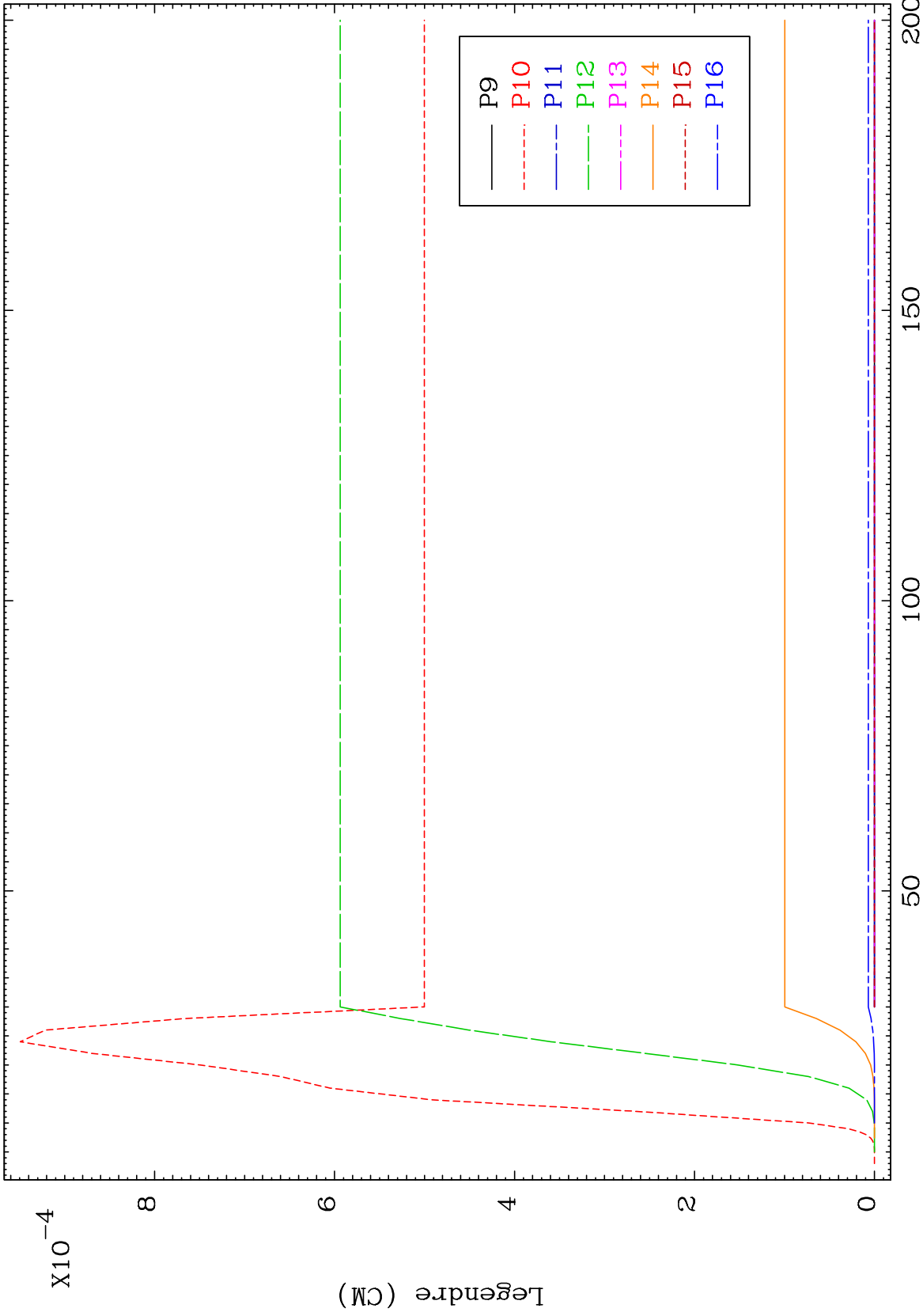
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52

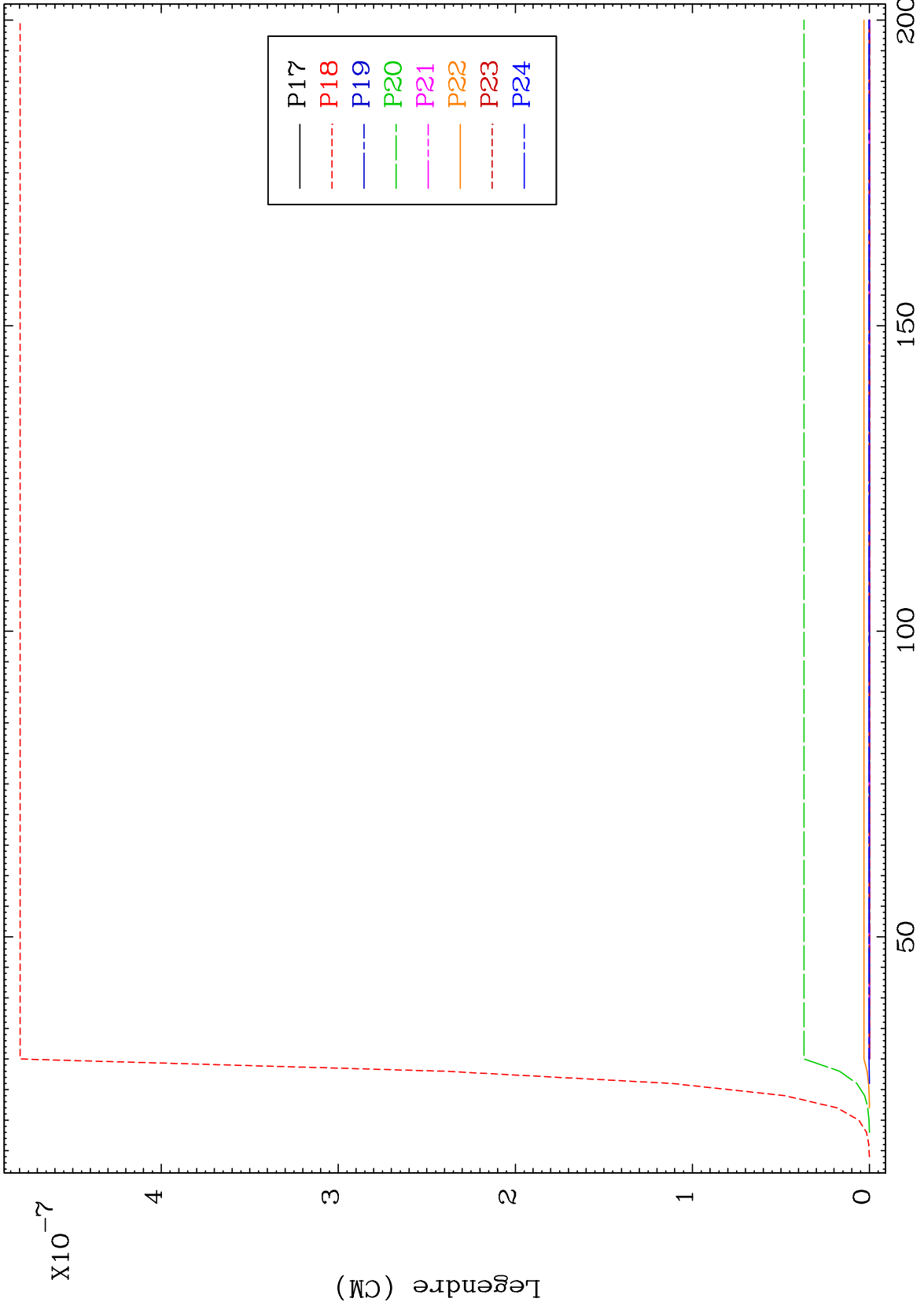


90

Incident Energy (MeV)

23-V -52

MAT 2331 MT= 75 (n,n') Level Legendre Coefficients 23-V -52

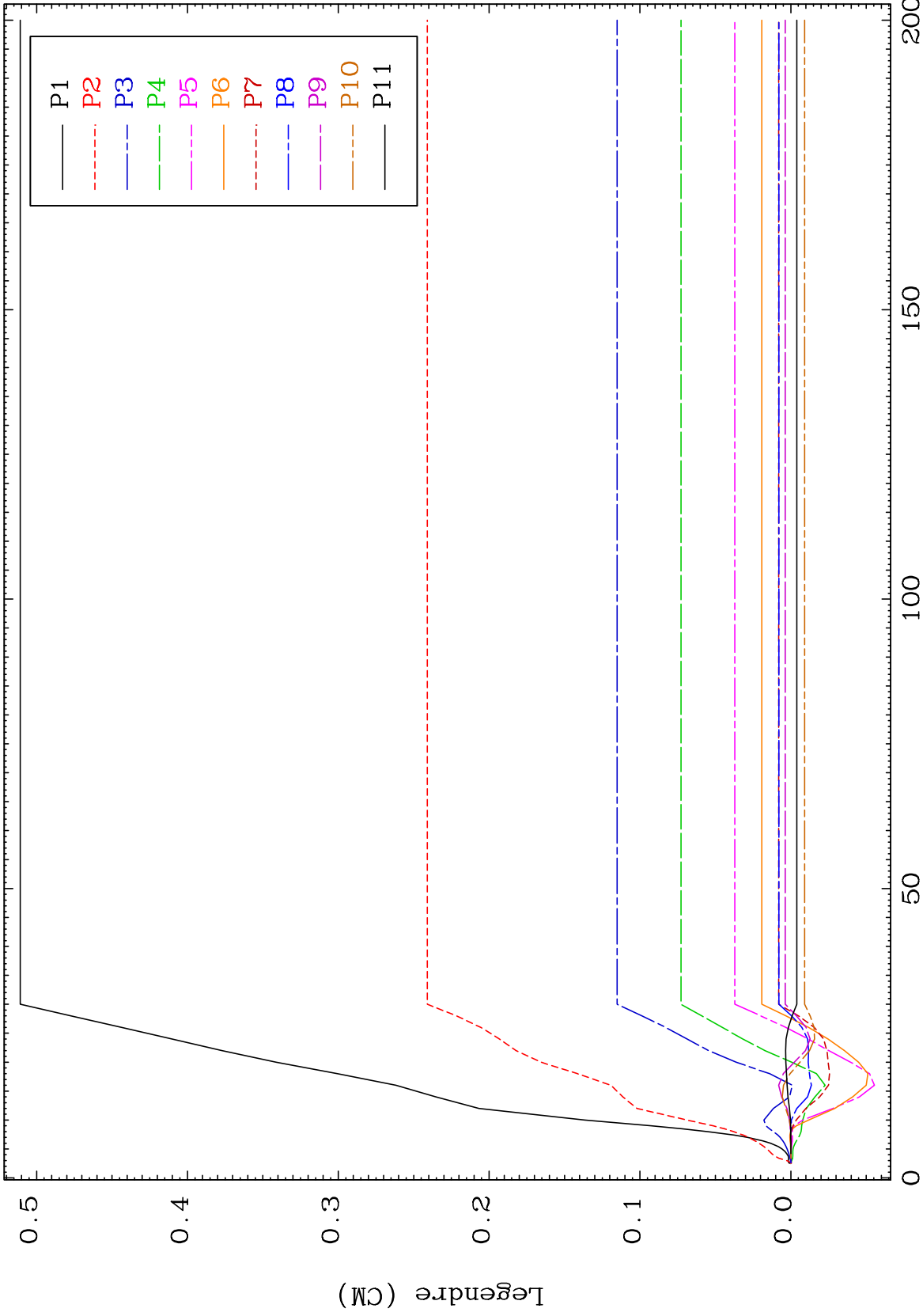


91 23-V -52

MAT 2331

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

23-V -52



92

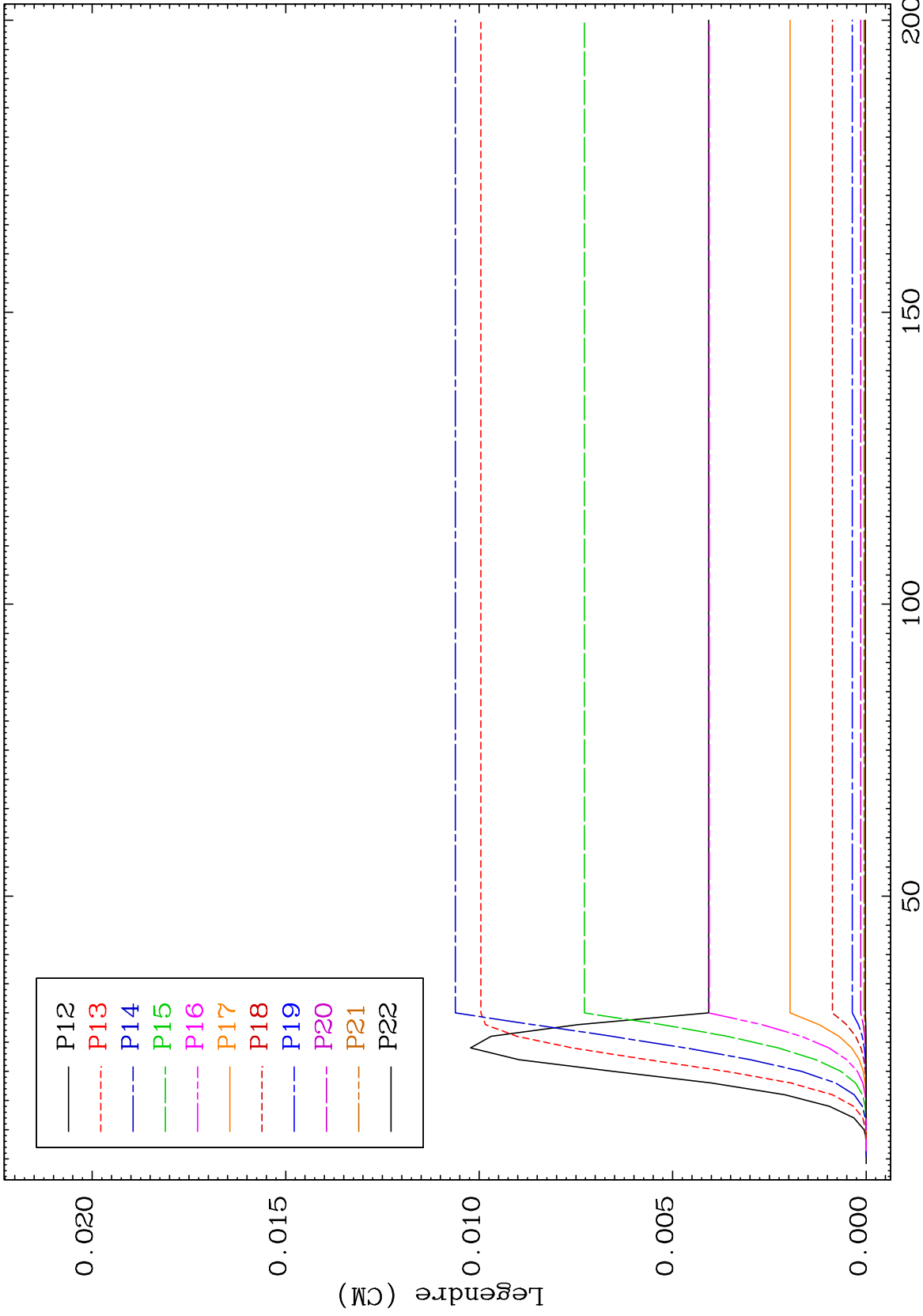
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



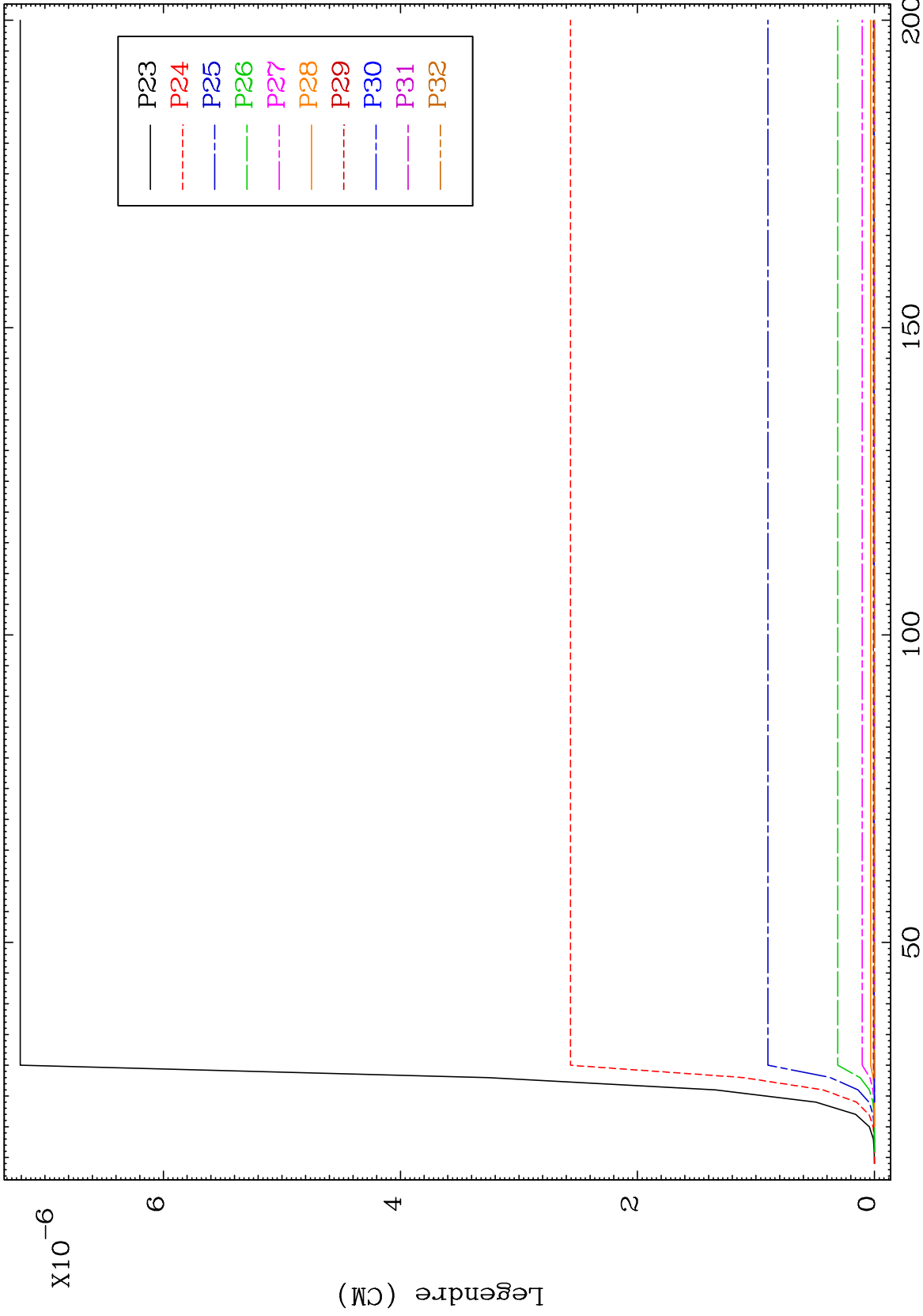
93

23-V -52

MAT 2331

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

23-V -52



94

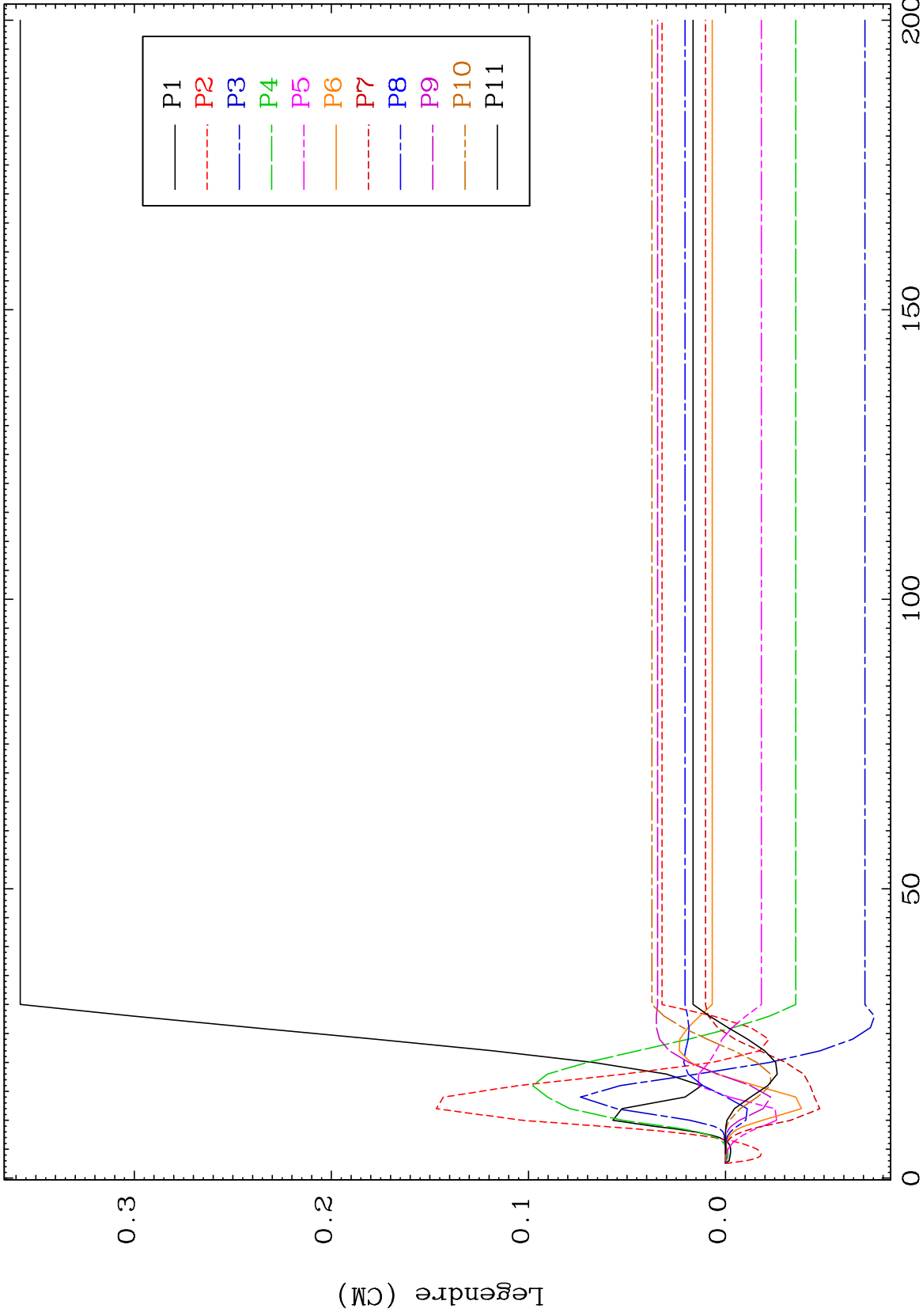
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



95

Incident Energy (MeV)

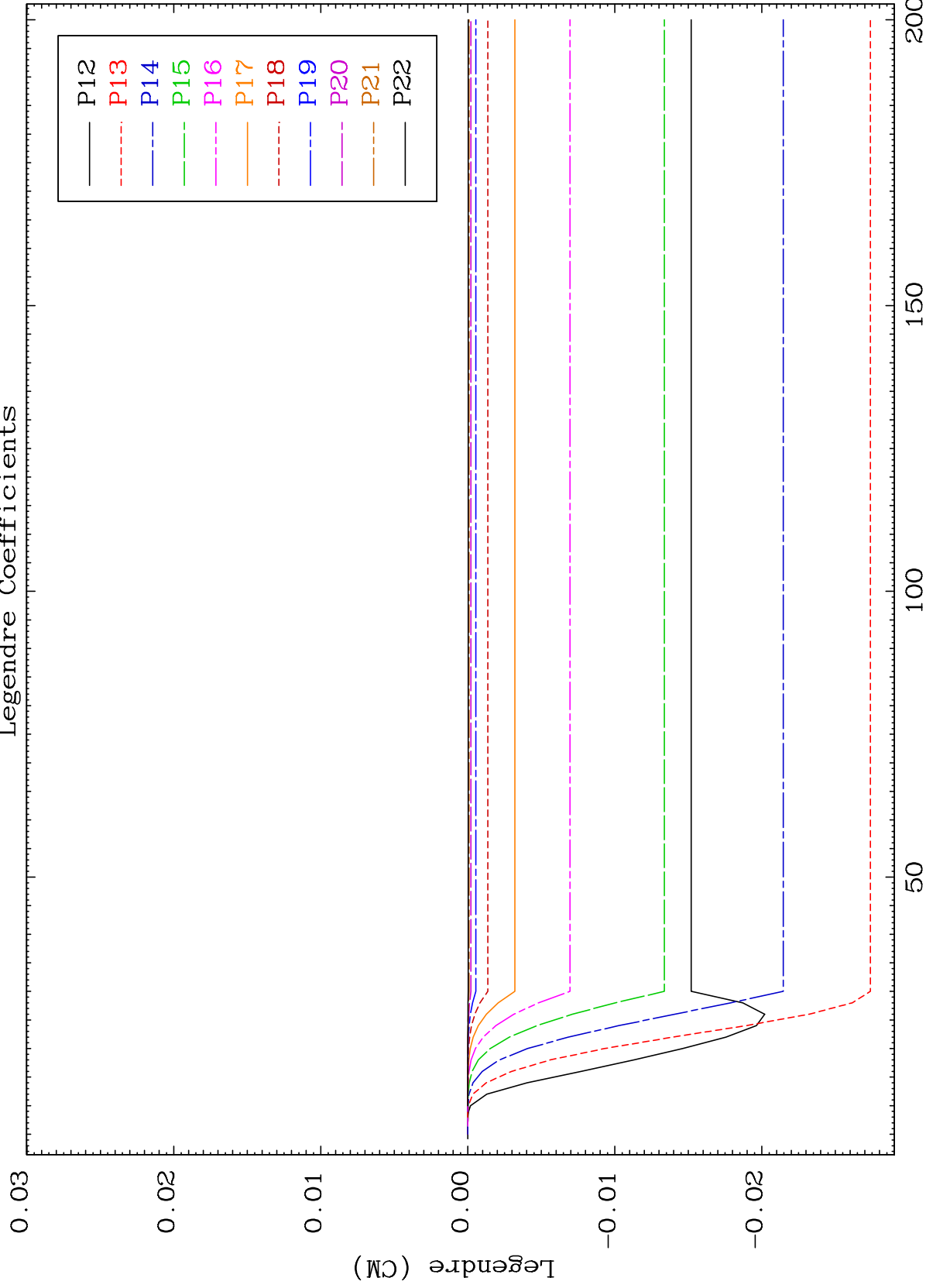
23-V -52



MAT 2331

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

23-V -52



96

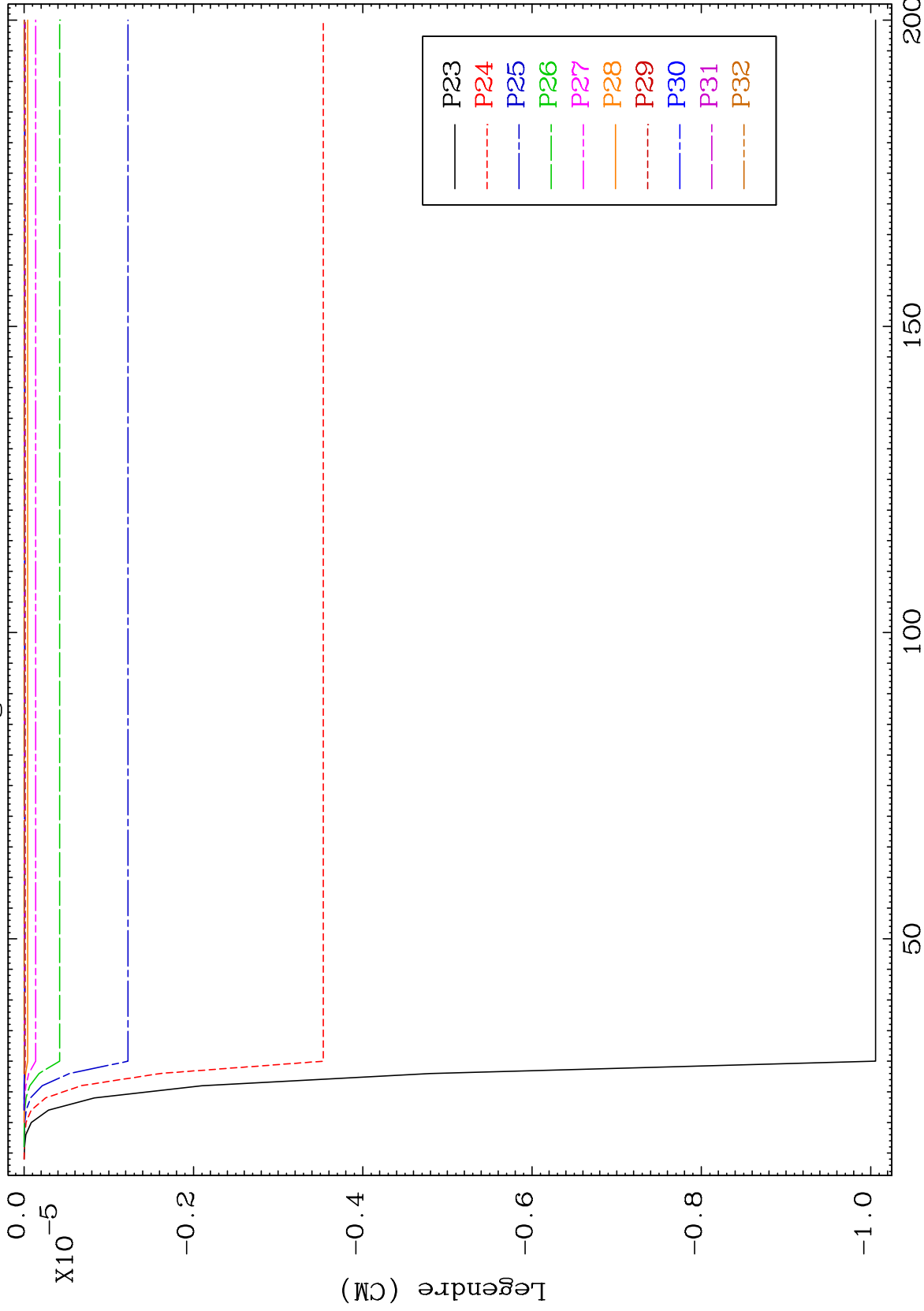
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



97

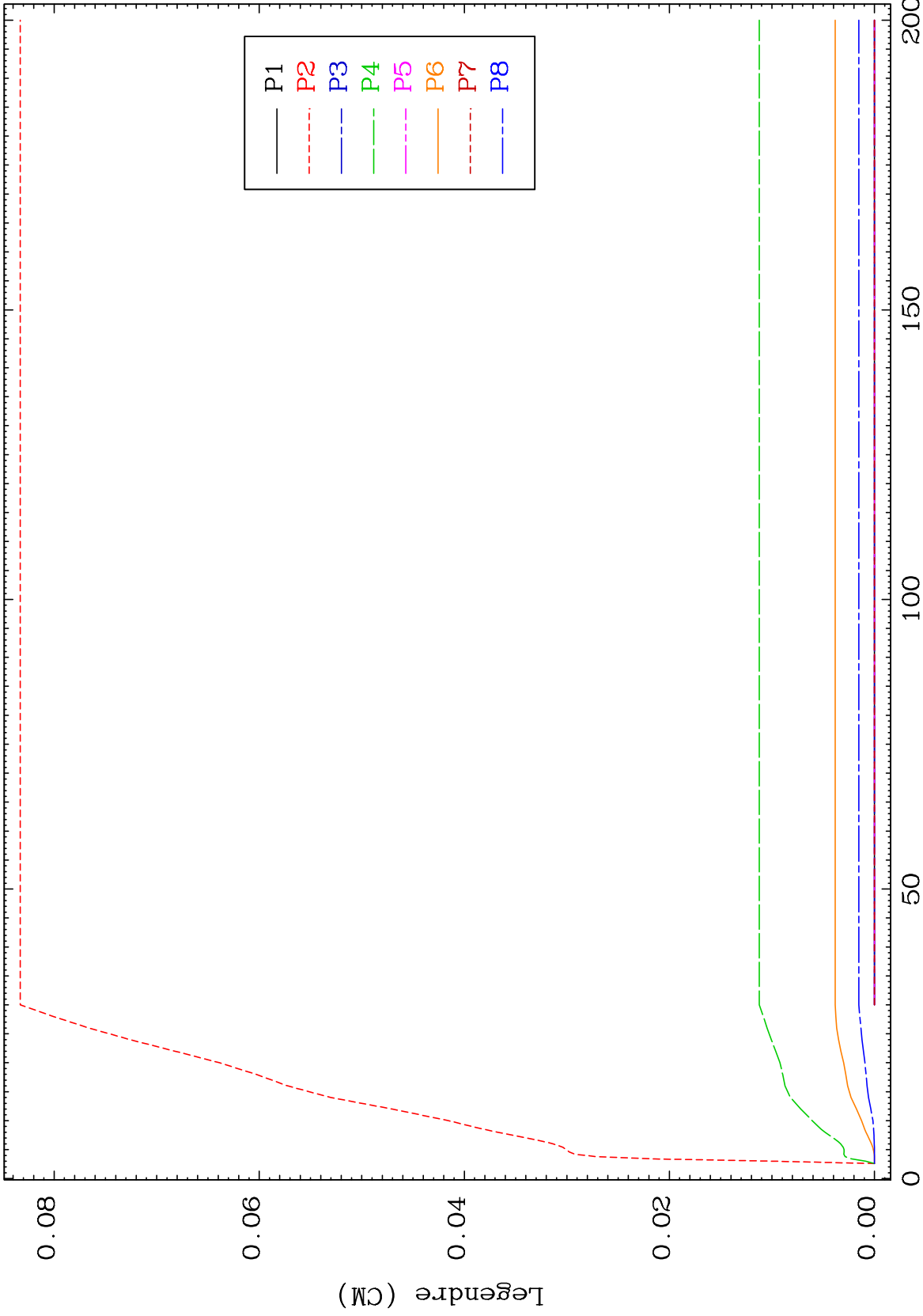
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52



98

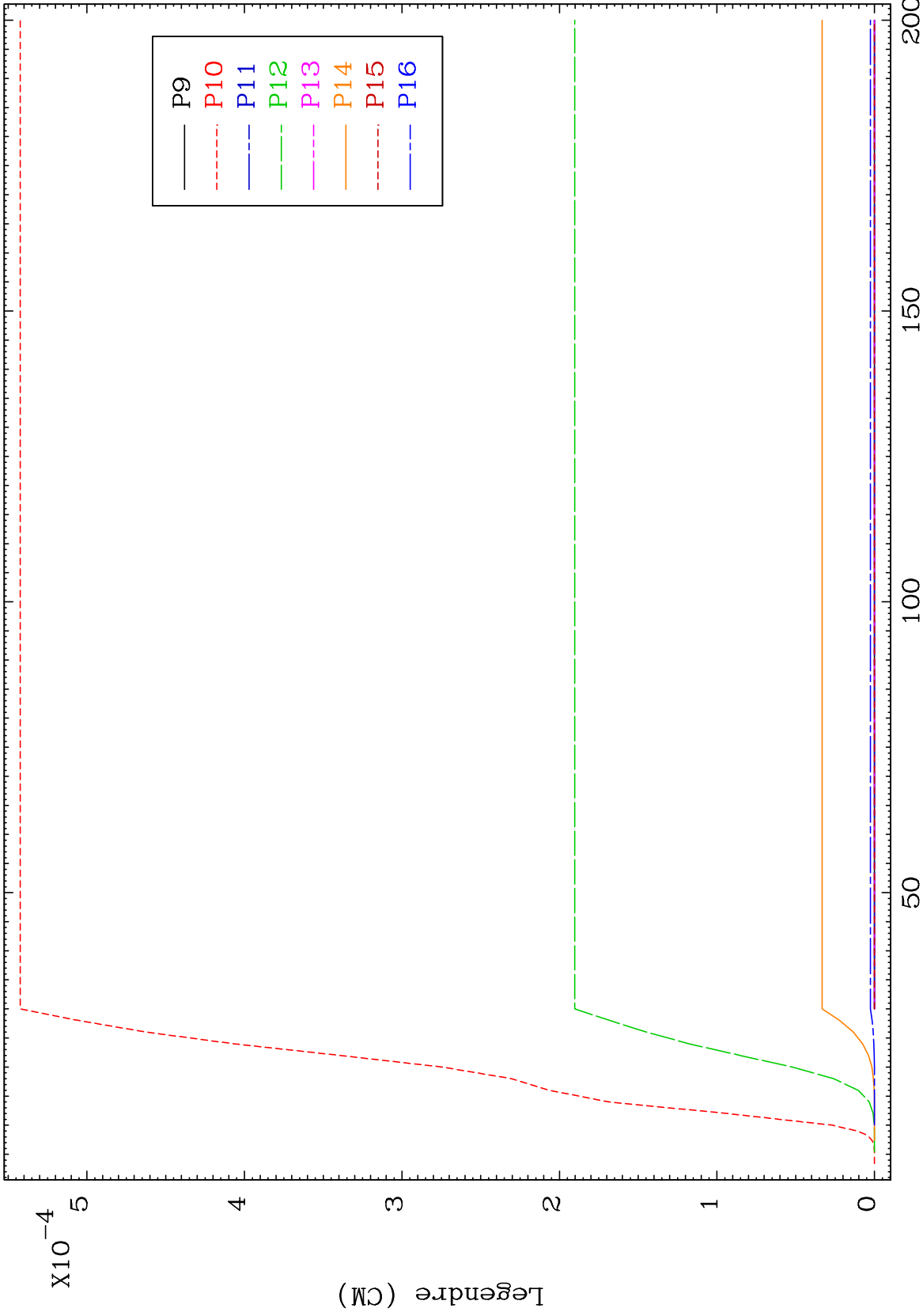
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52

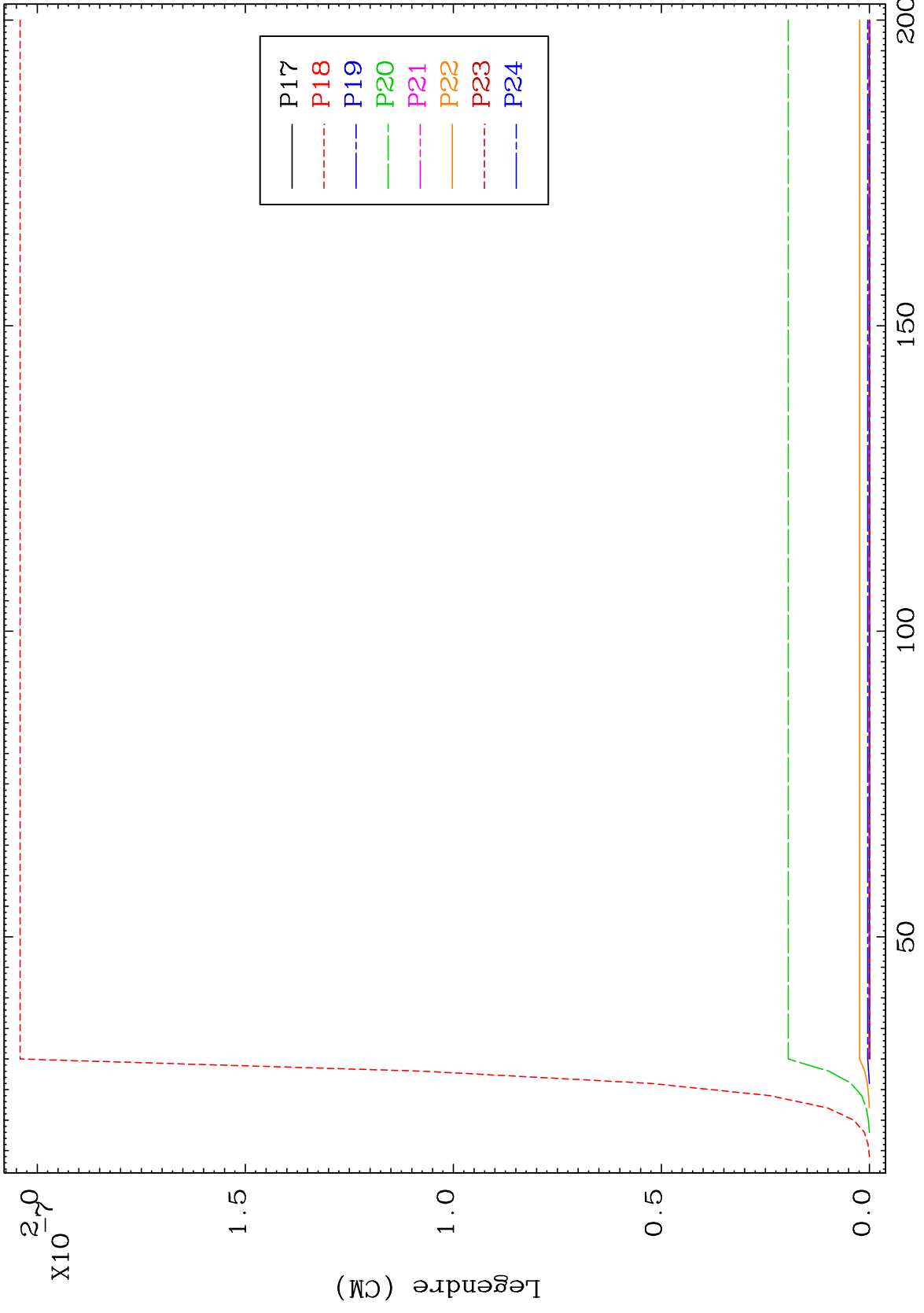


99

Incident Energy (MeV)

23-V -52

MAT 2331 MT= 78 (n,n') Level Legendre Coefficients 23-V -52

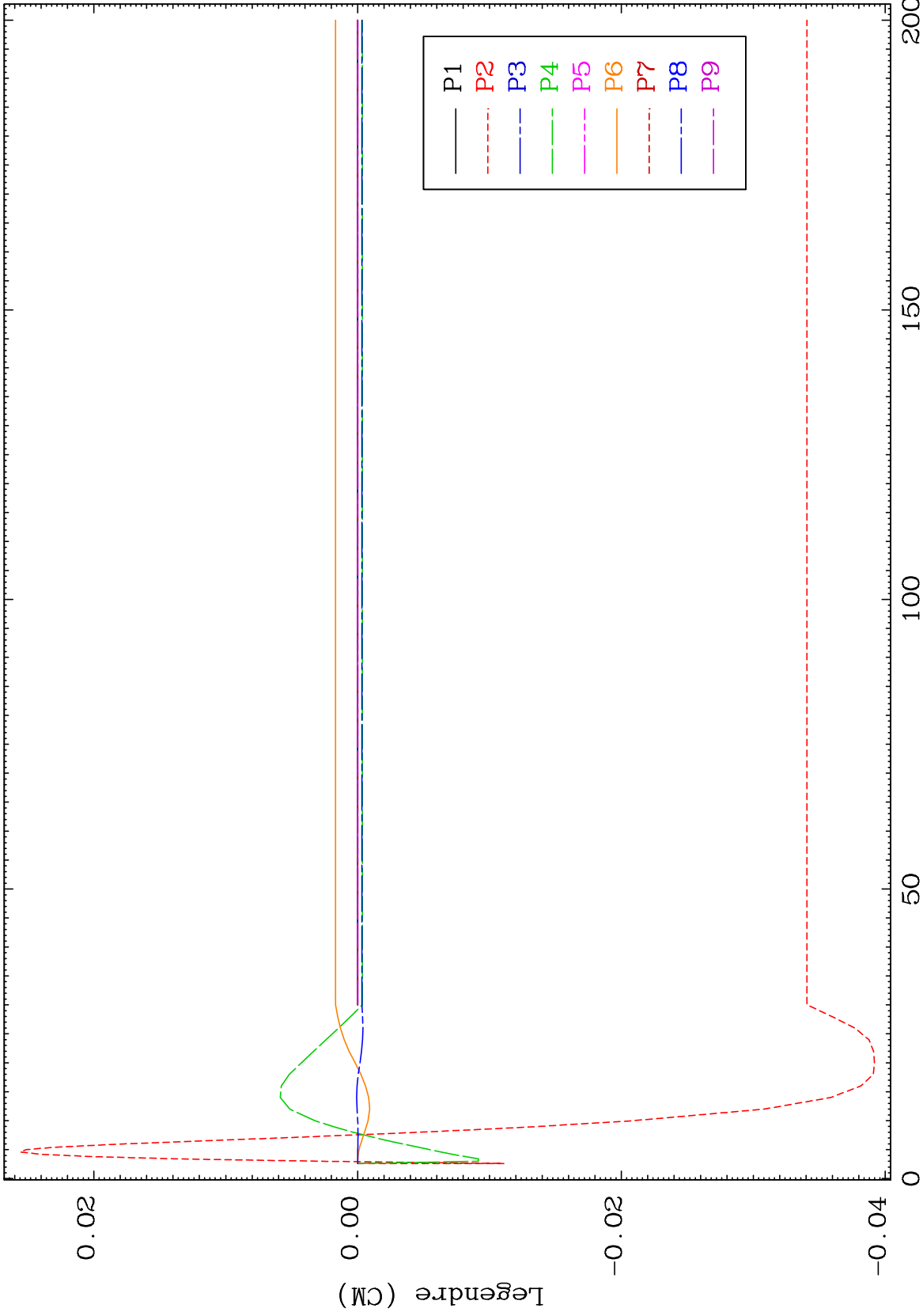


23-V -52

MAT 2331

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

23-V -52



101

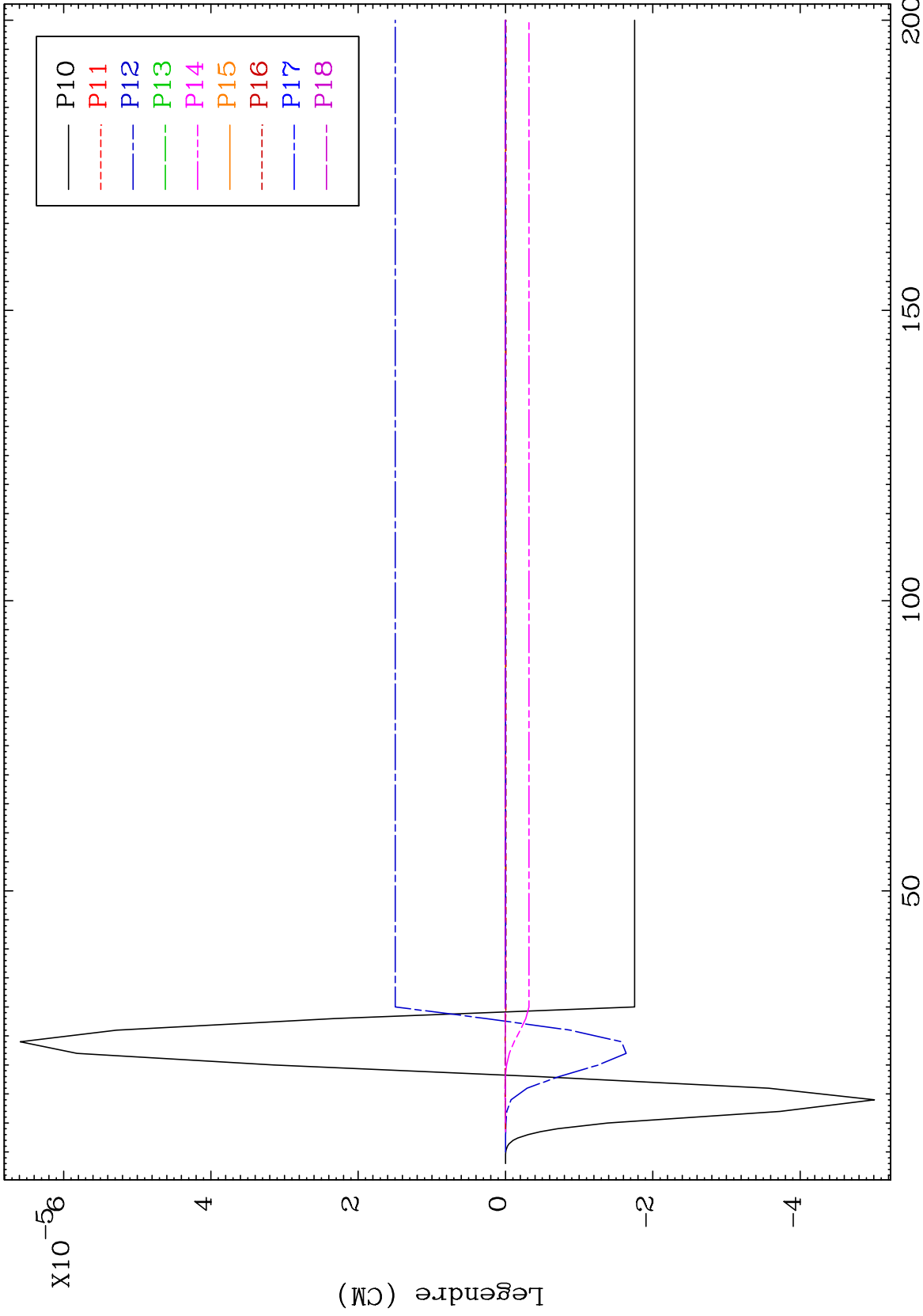
Incident Energy (MeV)

23-V -52

MAT 2331

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

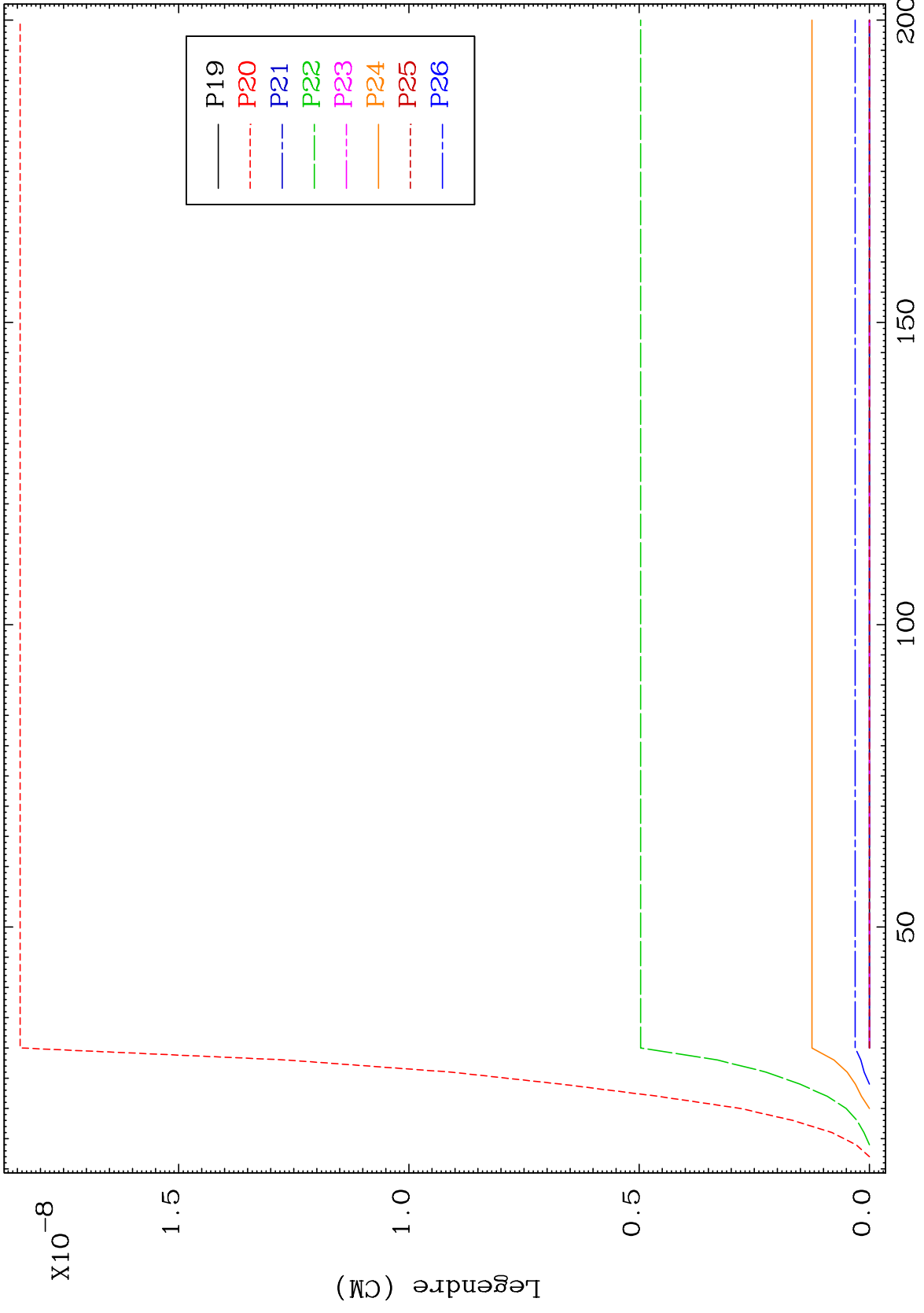
23-V -52



102

23-V -52

MAT 2331 MT= 79 (n,n') Level Legendre Coefficients 23-V -52



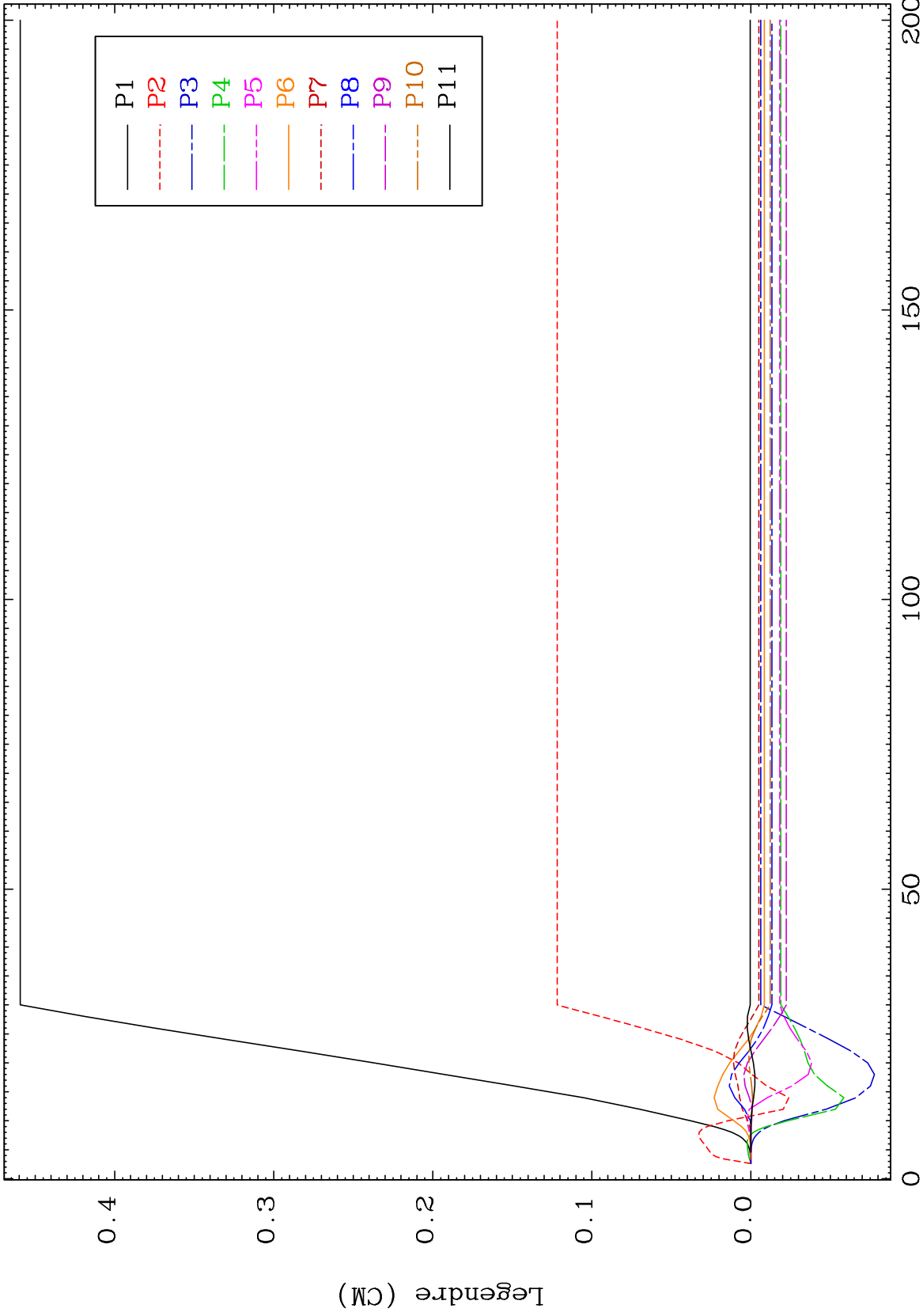
103 Incident Energy (MeV) 23-V -52



MAT 2331

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

23-V -52



104

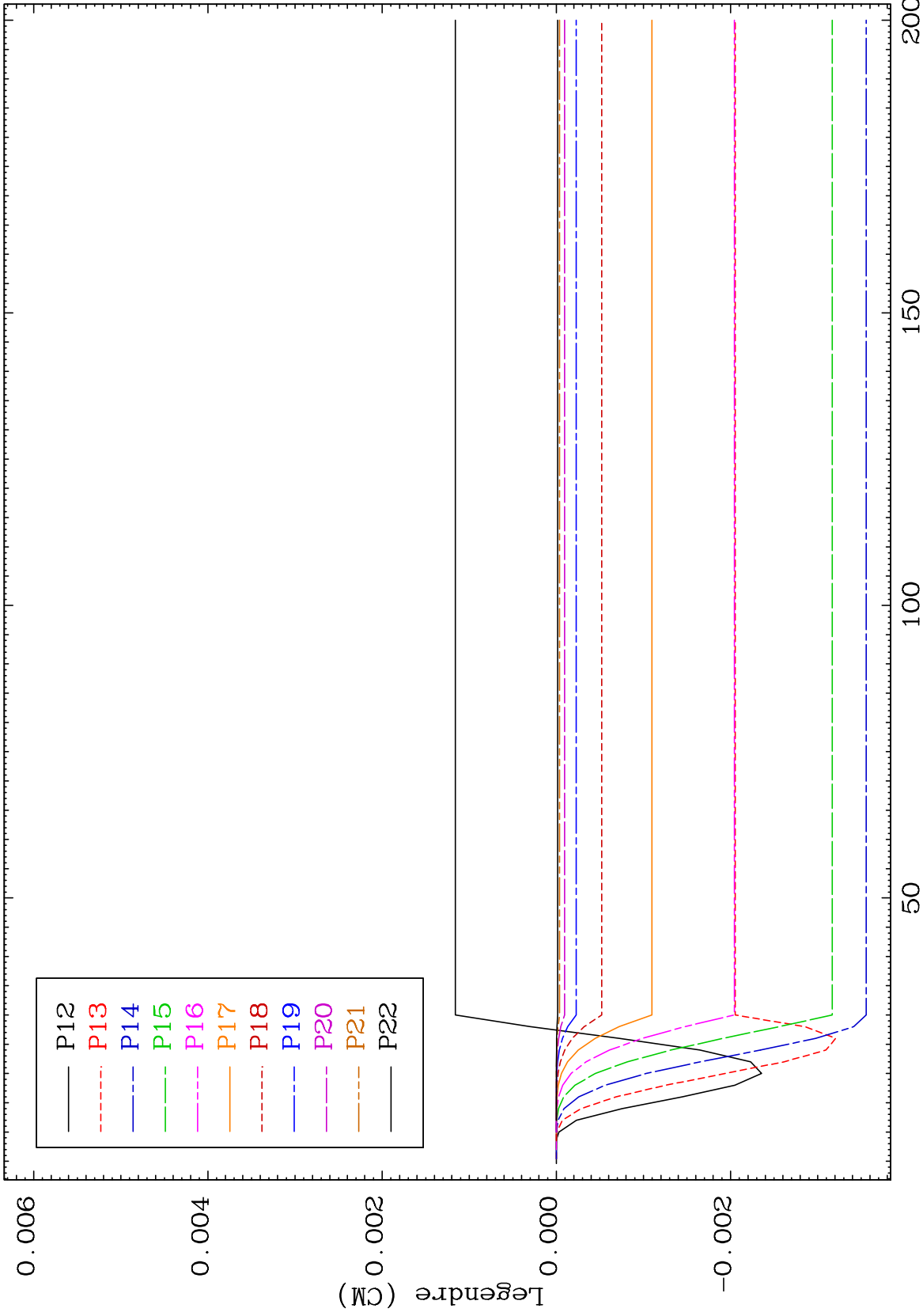
Incident Energy (MeV)

23-V -52

MAT 2331

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

23-V -52

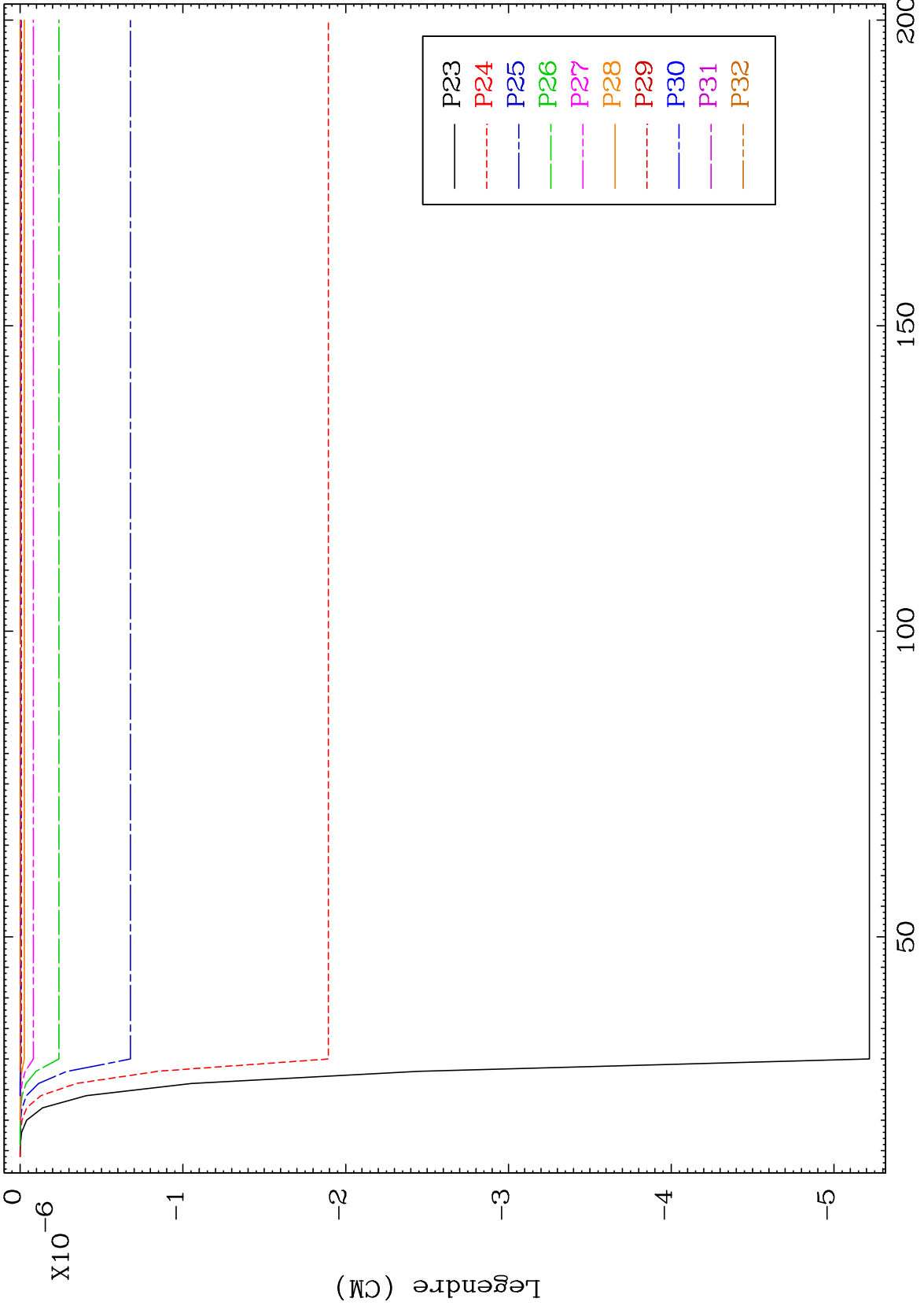


105

Incident Energy (MeV)

23-V -52

MAT 2331 MT= 80 (n,n') Level Legendre Coefficients 23-V -52



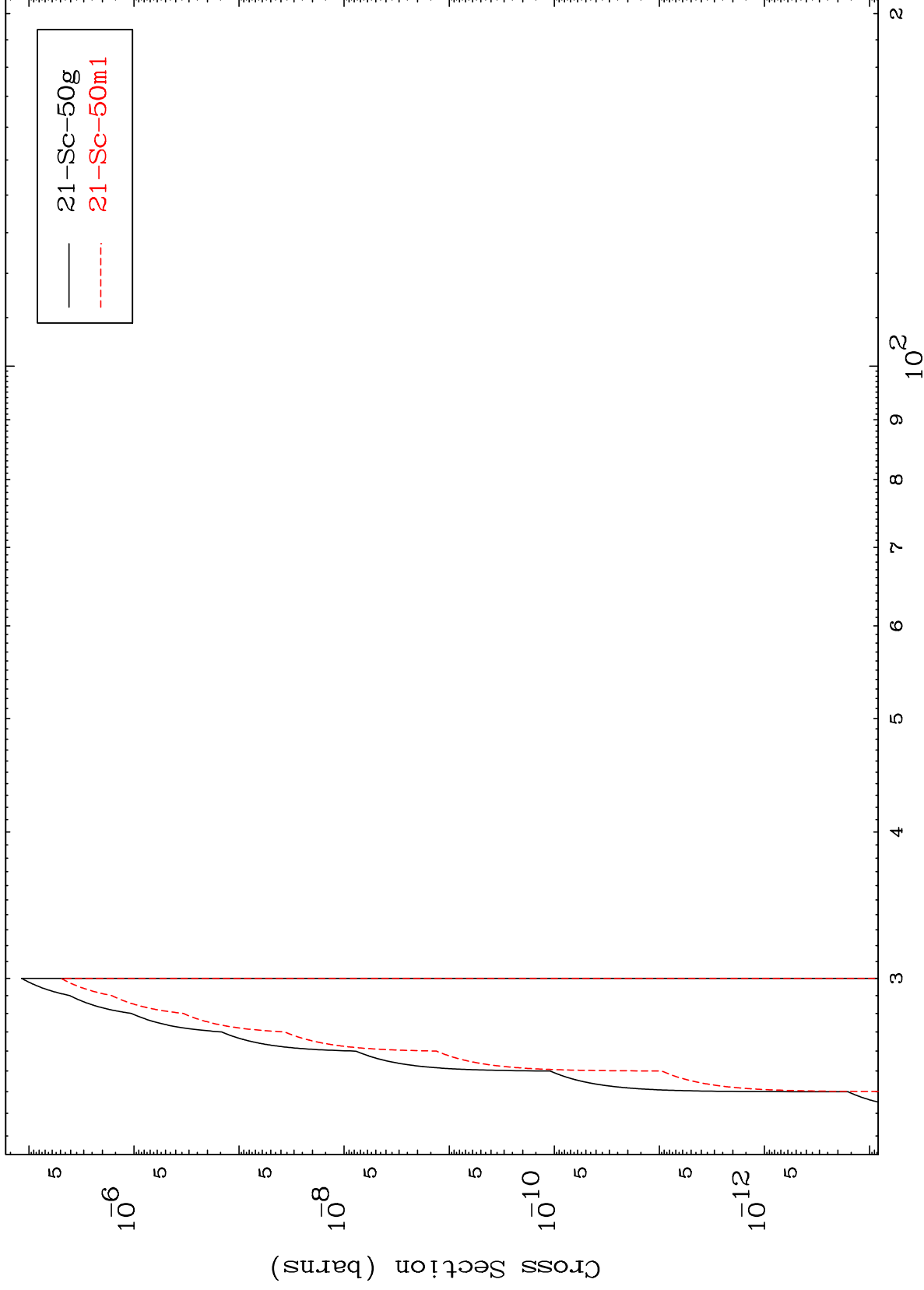
106 Incident Energy (MeV) 23-V -52

MAT 2331

(n,2n) p

23-V -52

Radionuclide Production Cross Section

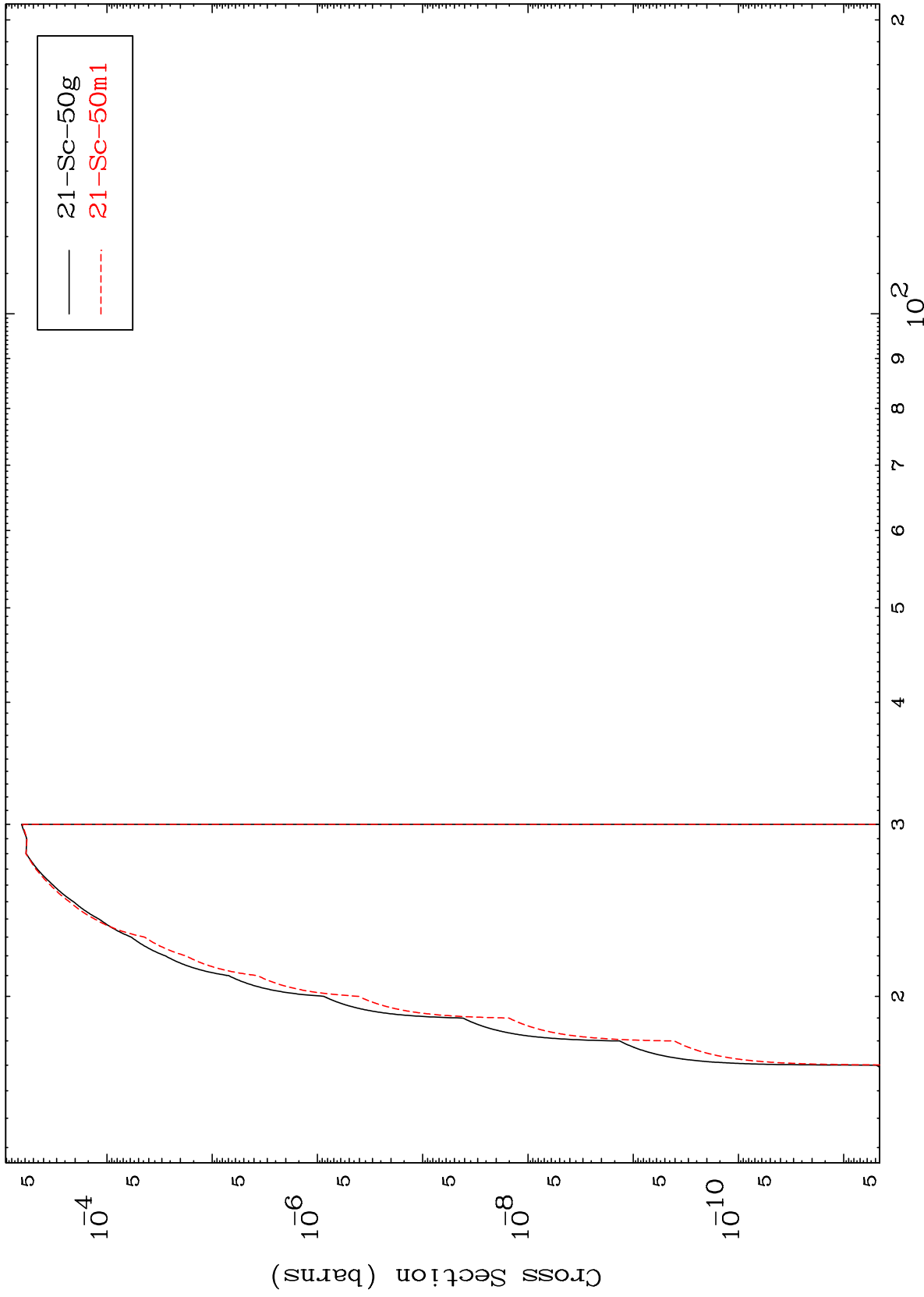


107

Incident Energy (MeV)

23-V -52

Radionuclide Production Cross Section

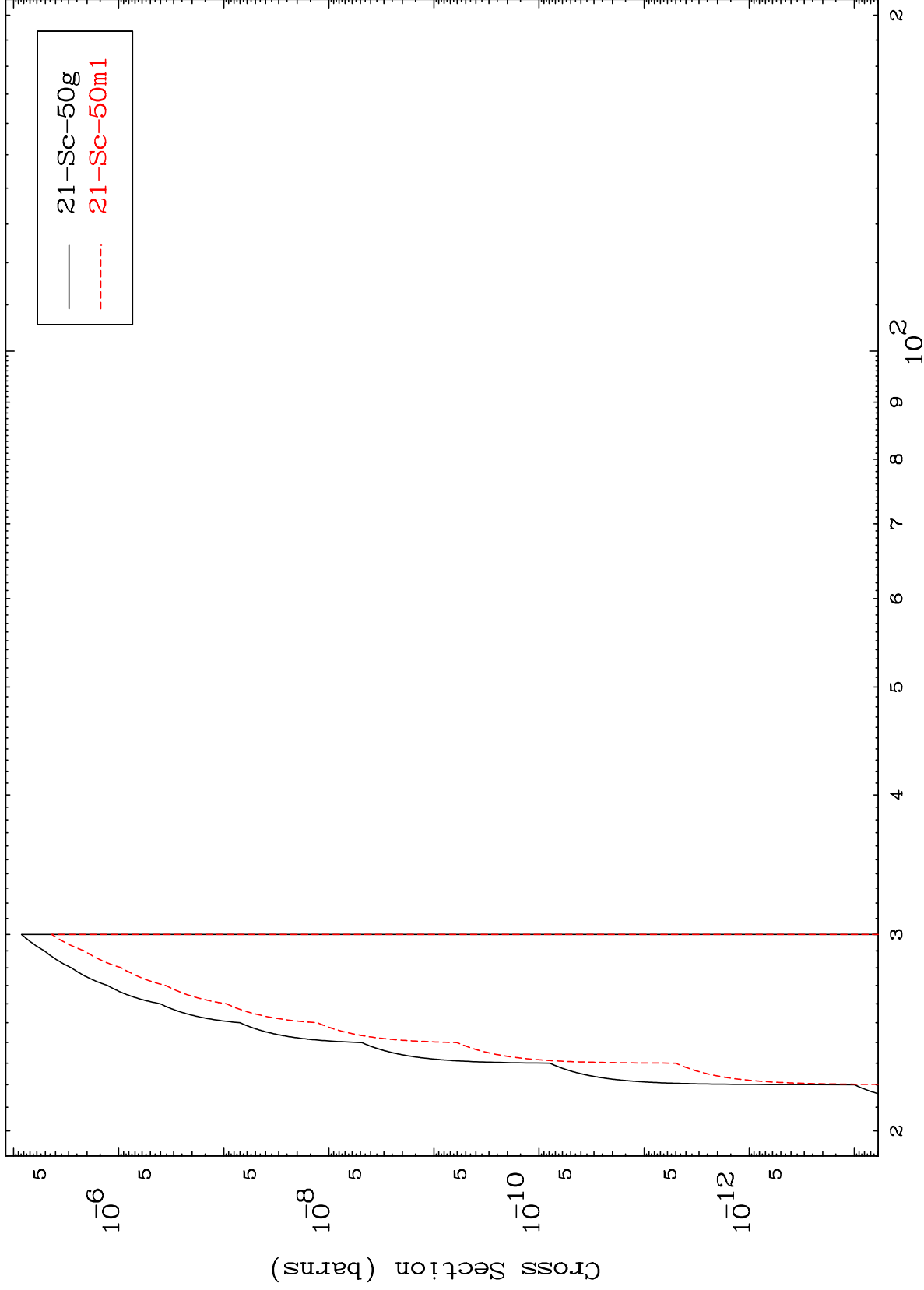


MAT 2331

(n,p) d

23-V -52

Radionuclide Production Cross Section



109

Incident Energy (MeV)

23-V -52