

Program EVALPLOT  
(Version 2021-1)

by

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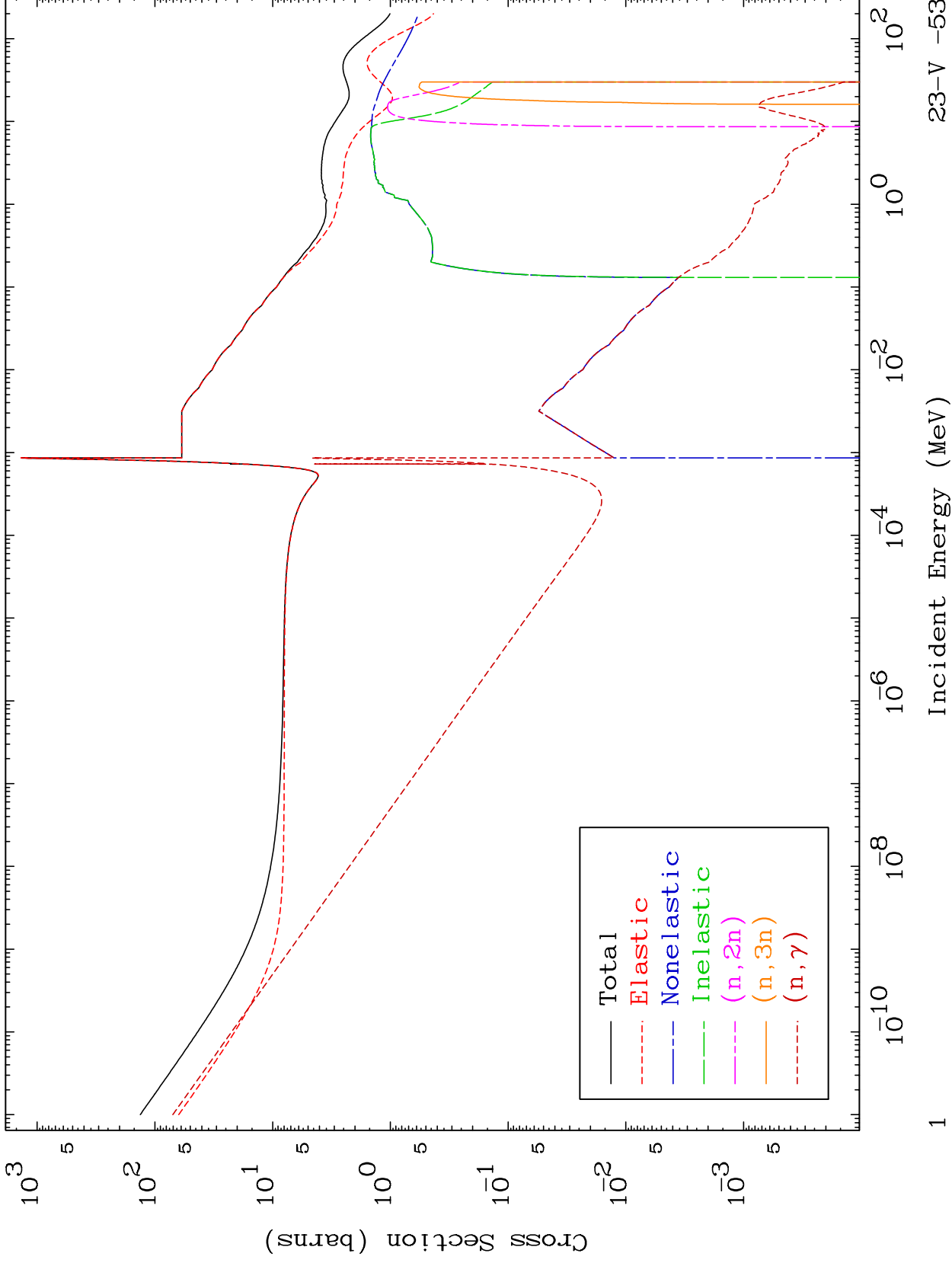
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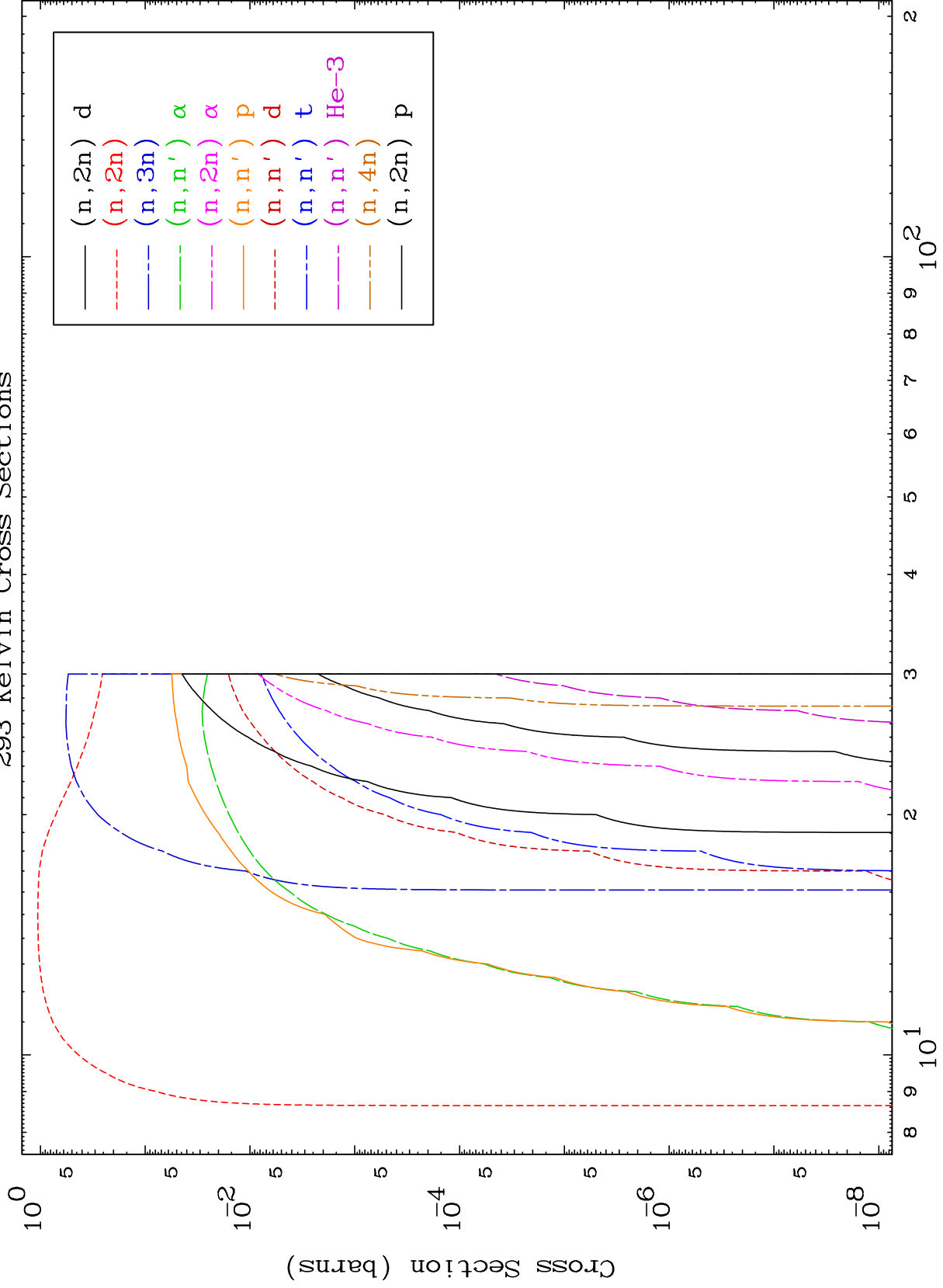
Press Mouse Button to Start

MAT 2334

Neutron Major  
293 Kelvin Cross Sections

23-V -53

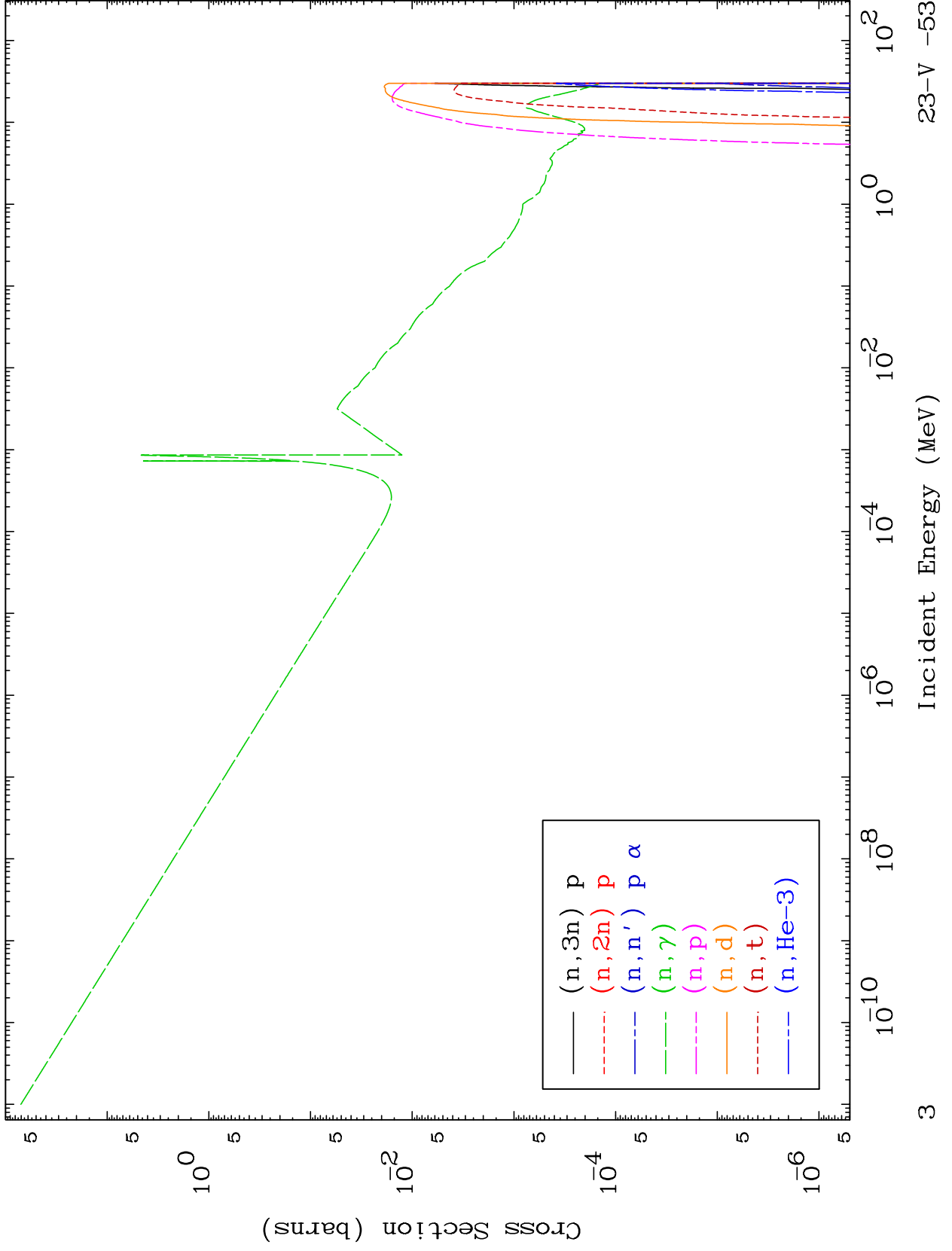


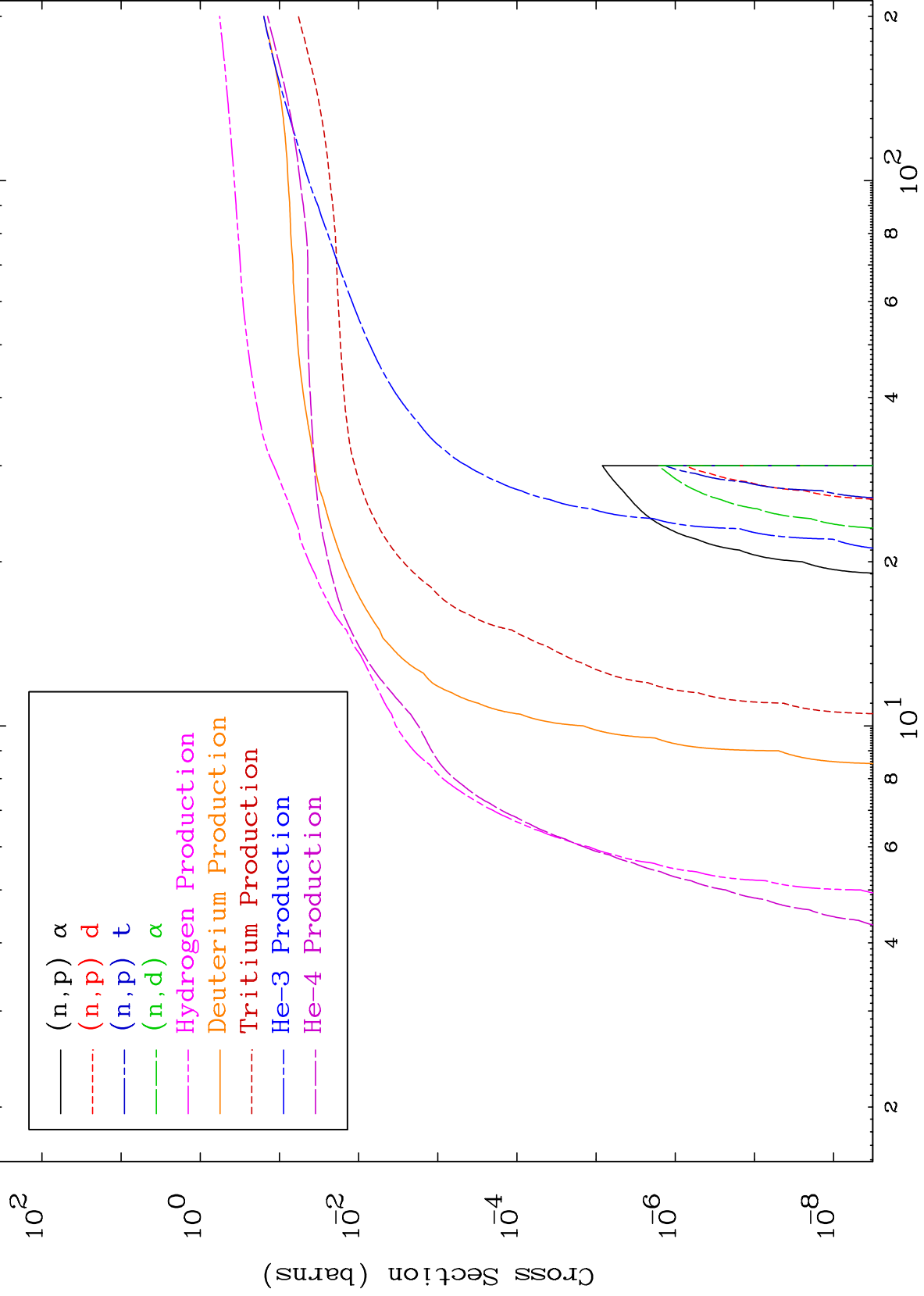


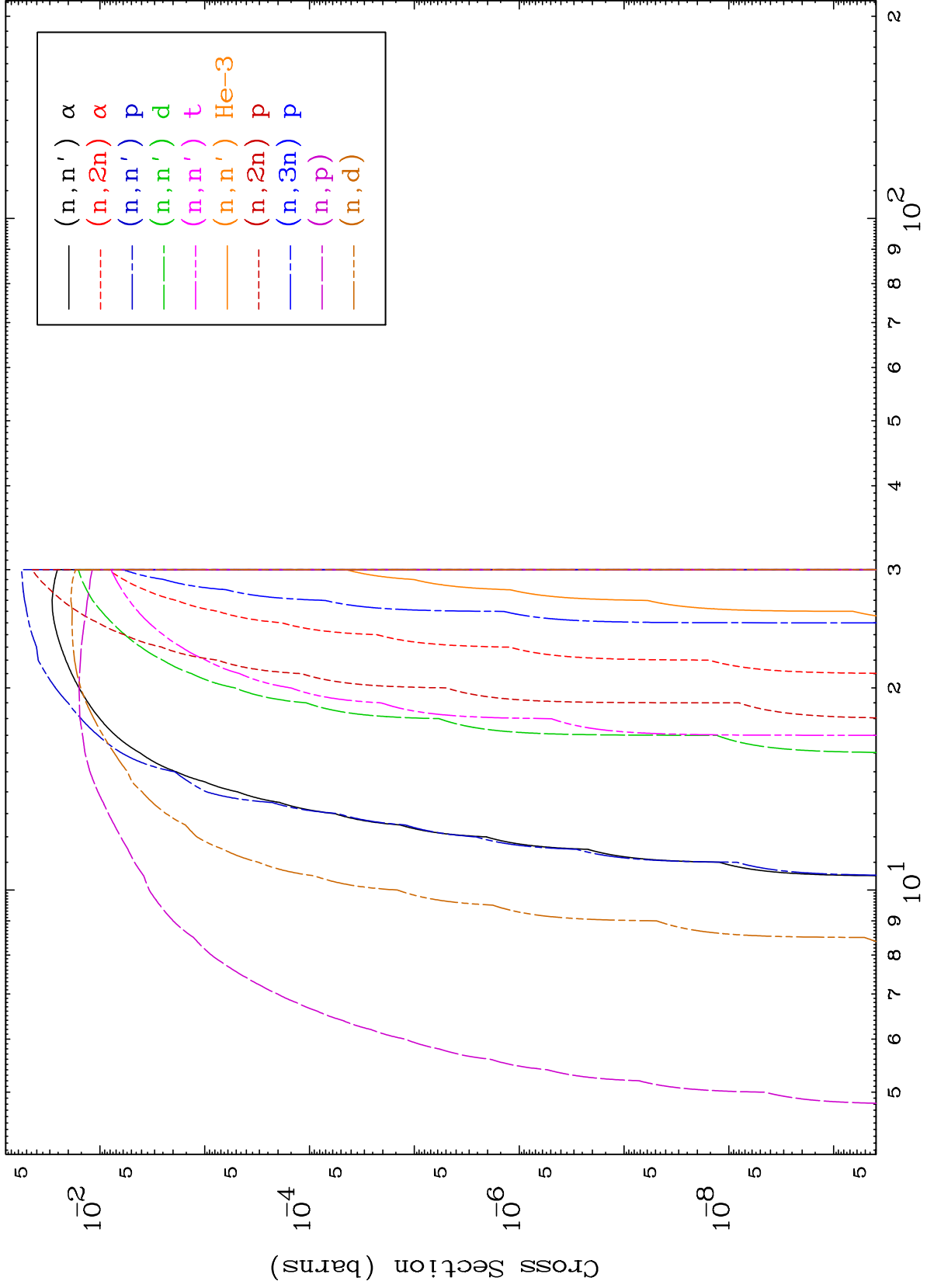
MAT 2334

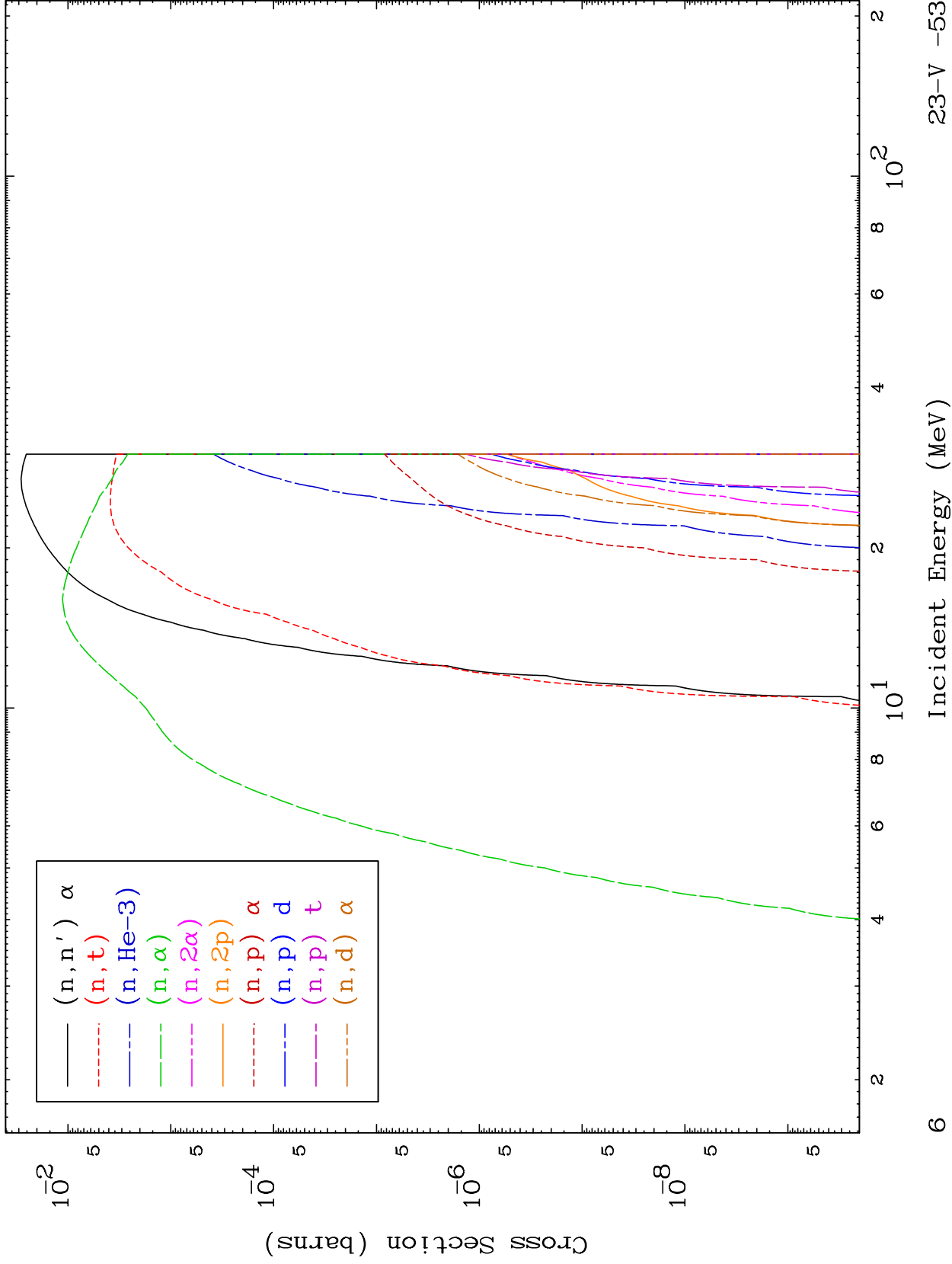
Neutron Absorption  
293 Kelvin Cross Sections

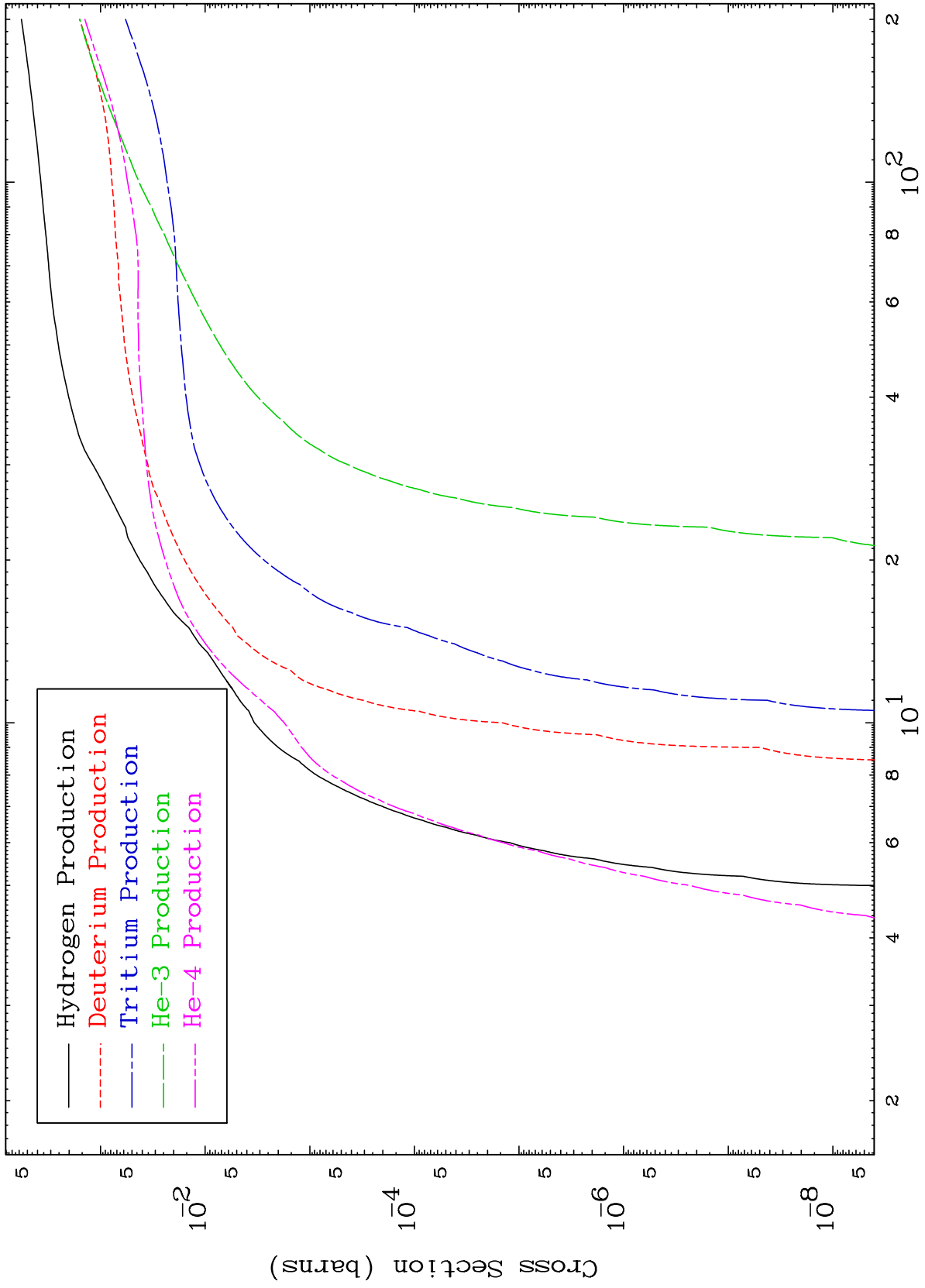
23-V -53



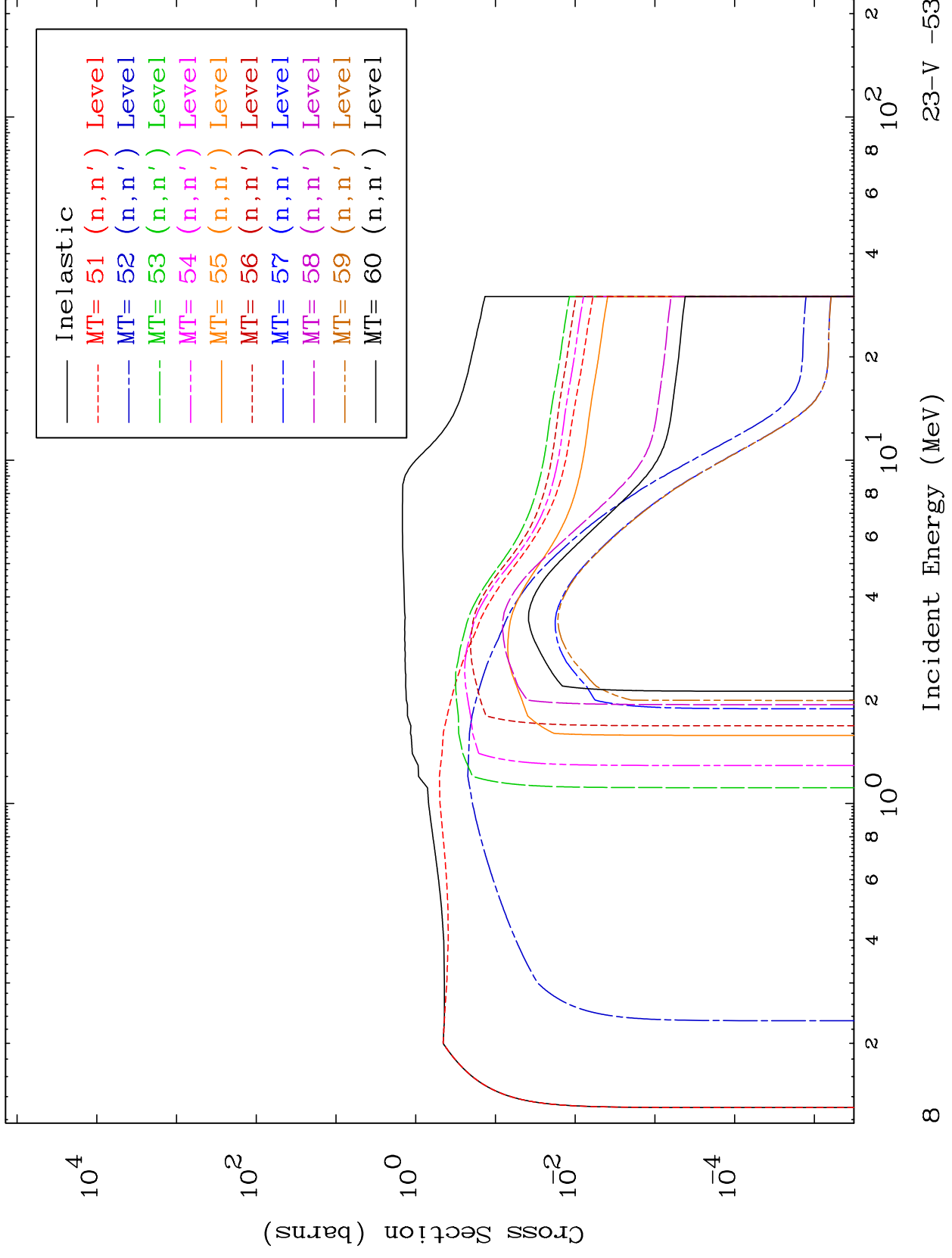


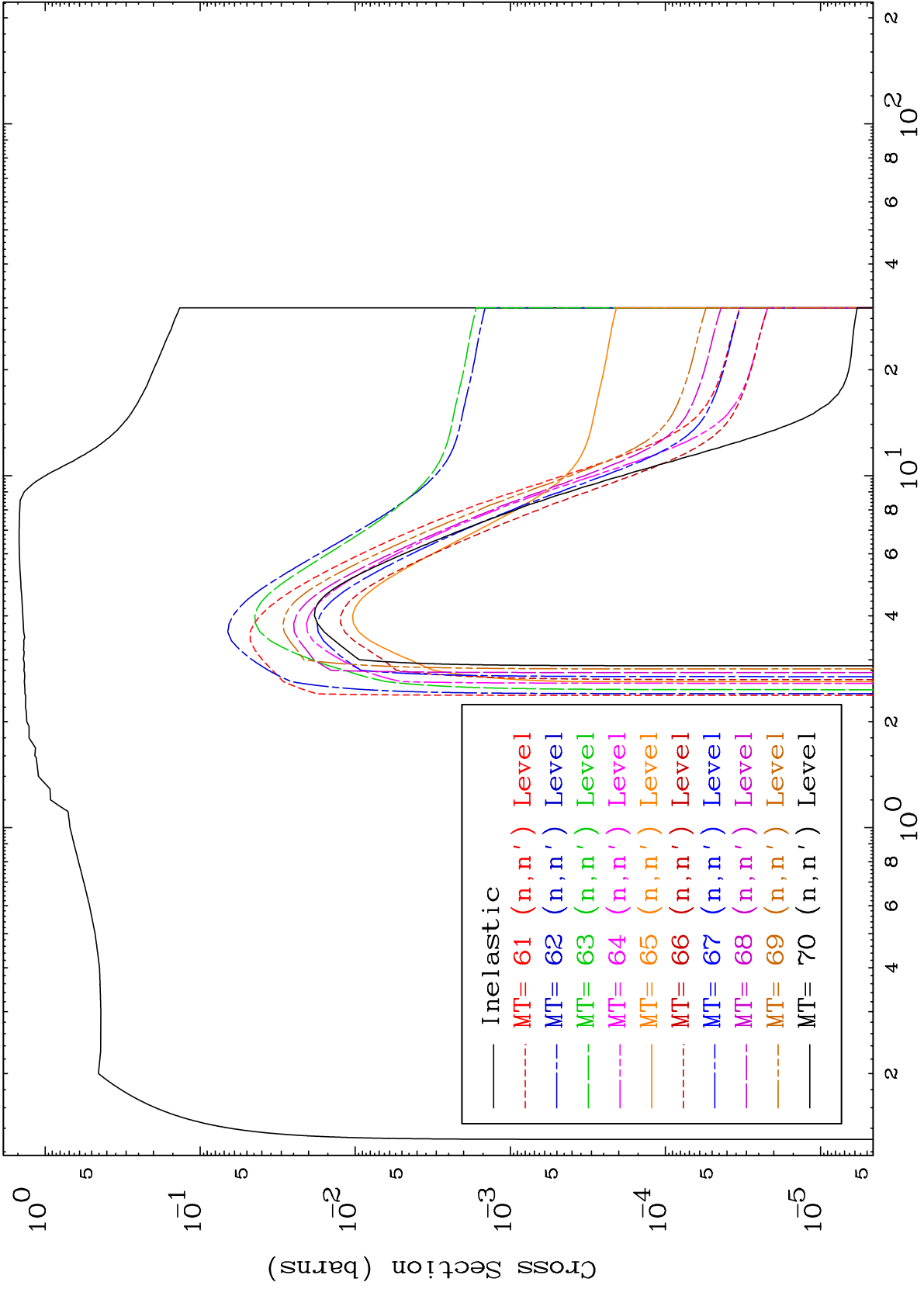




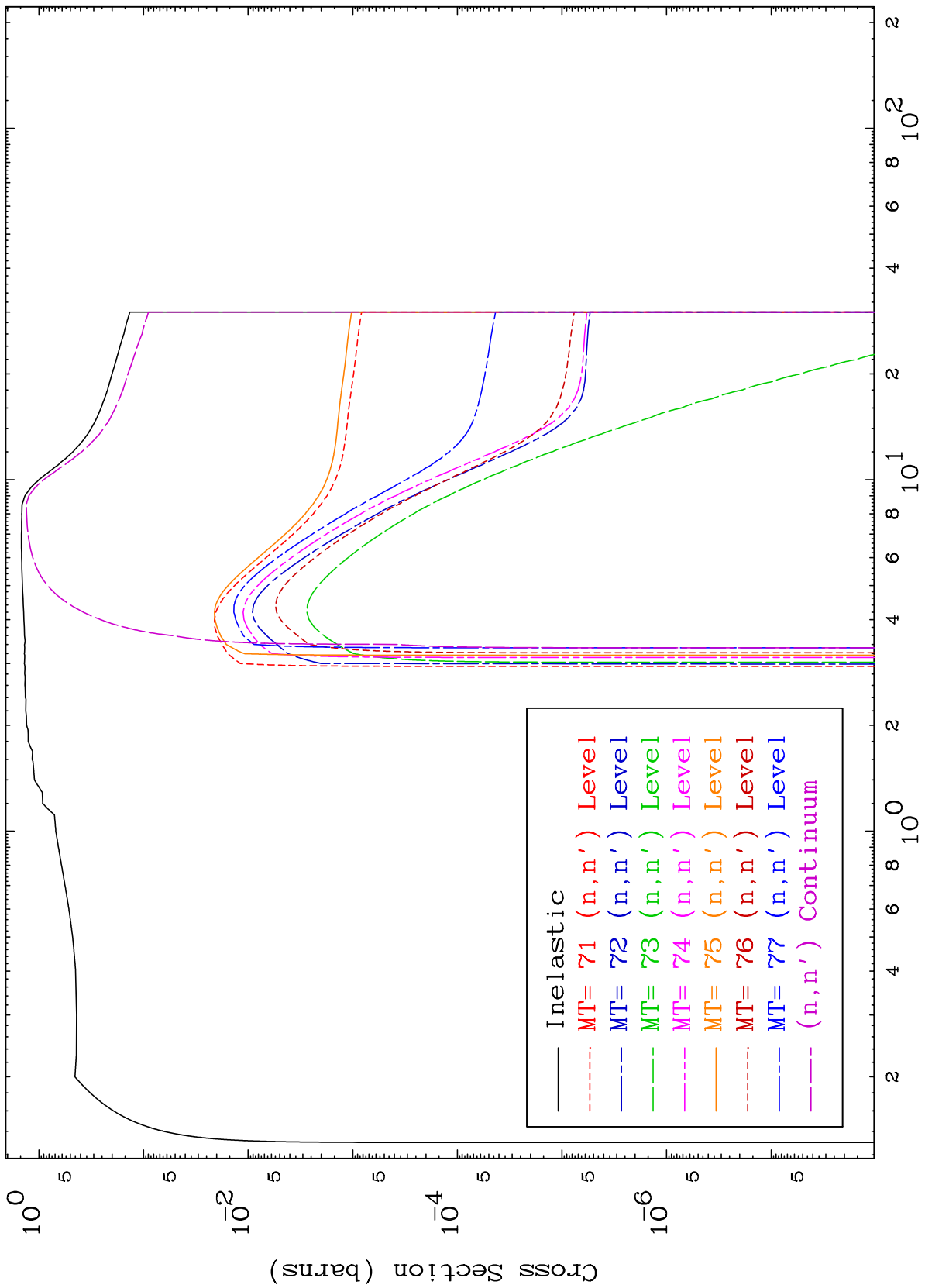


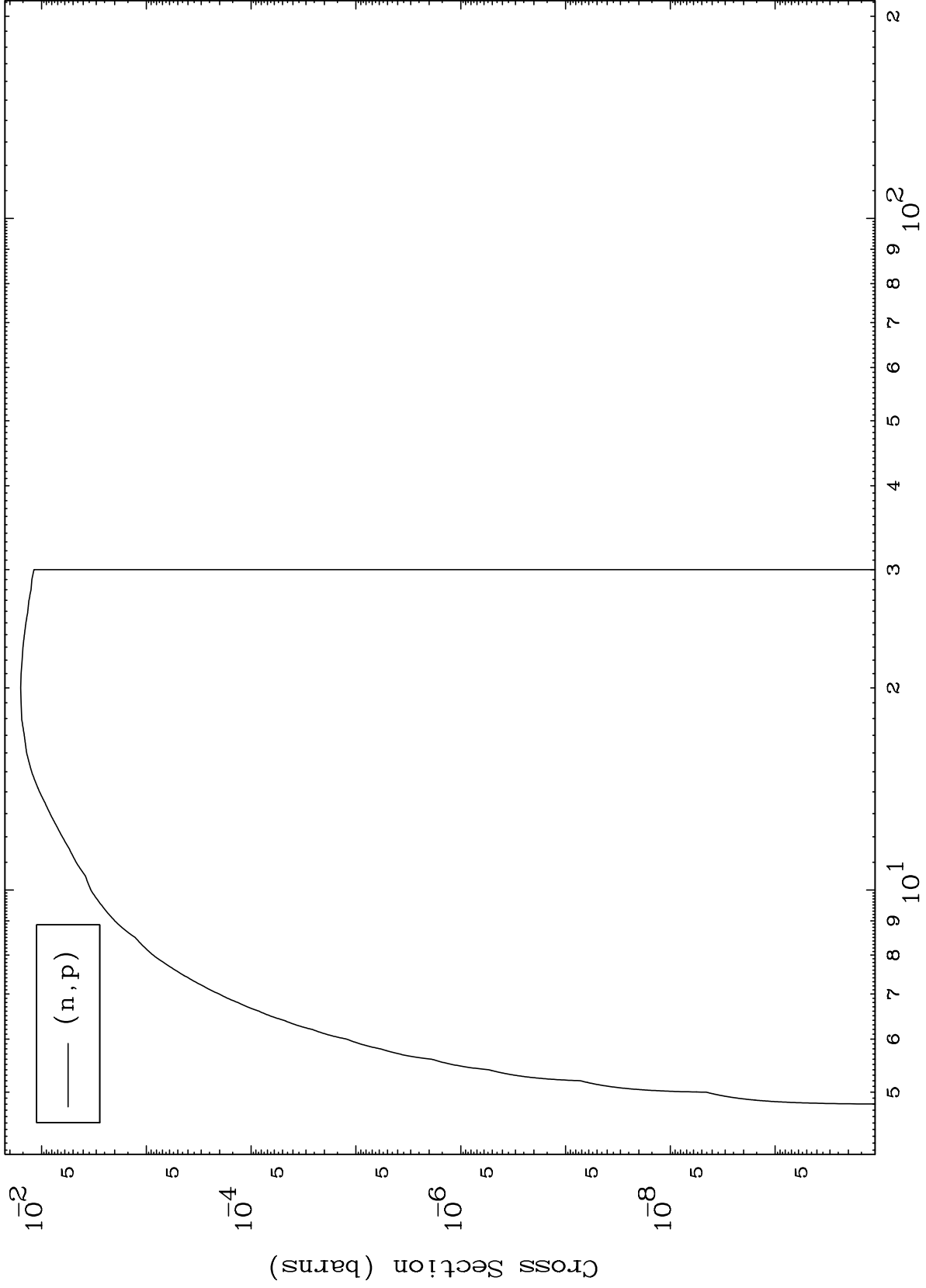


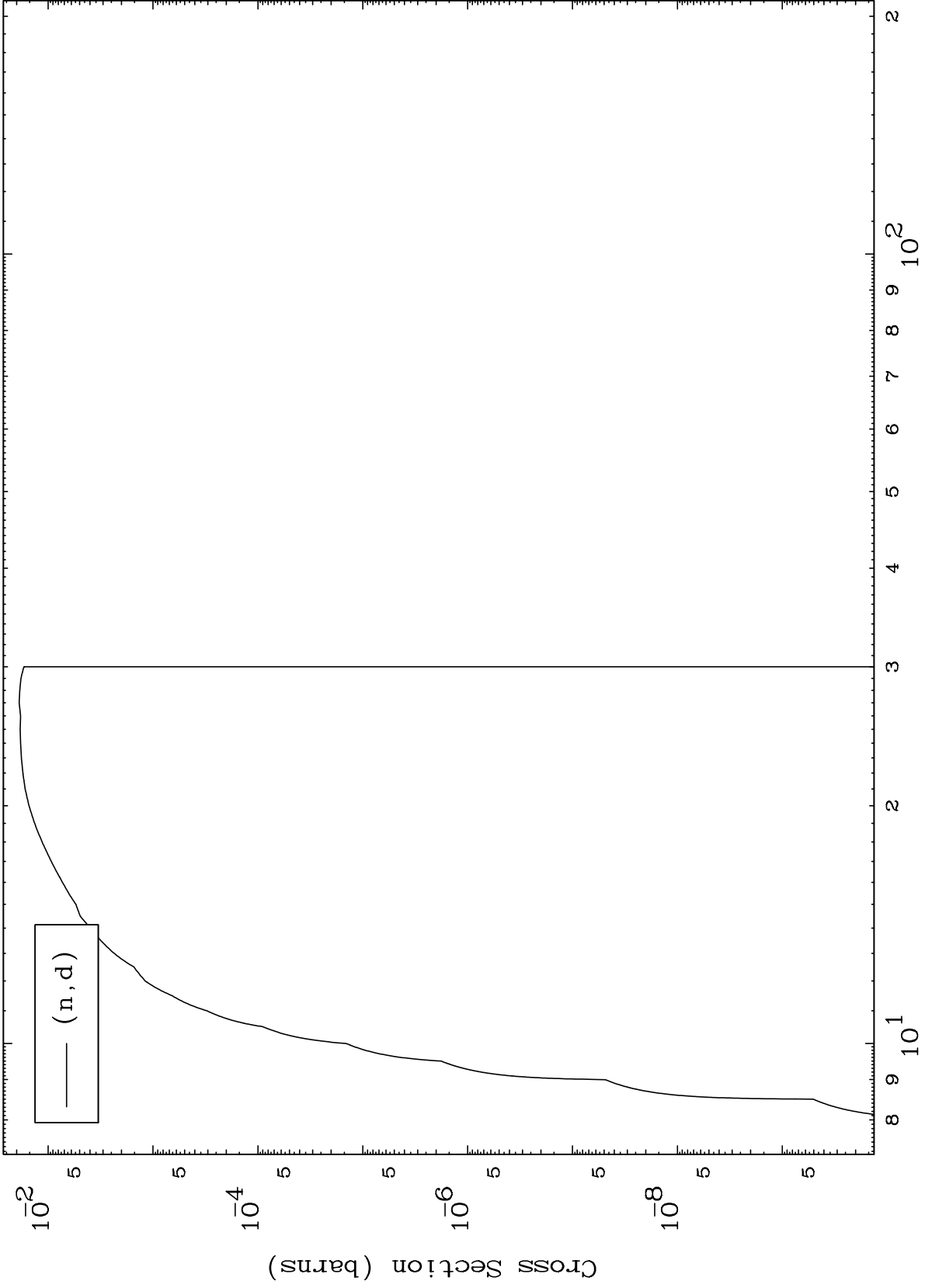


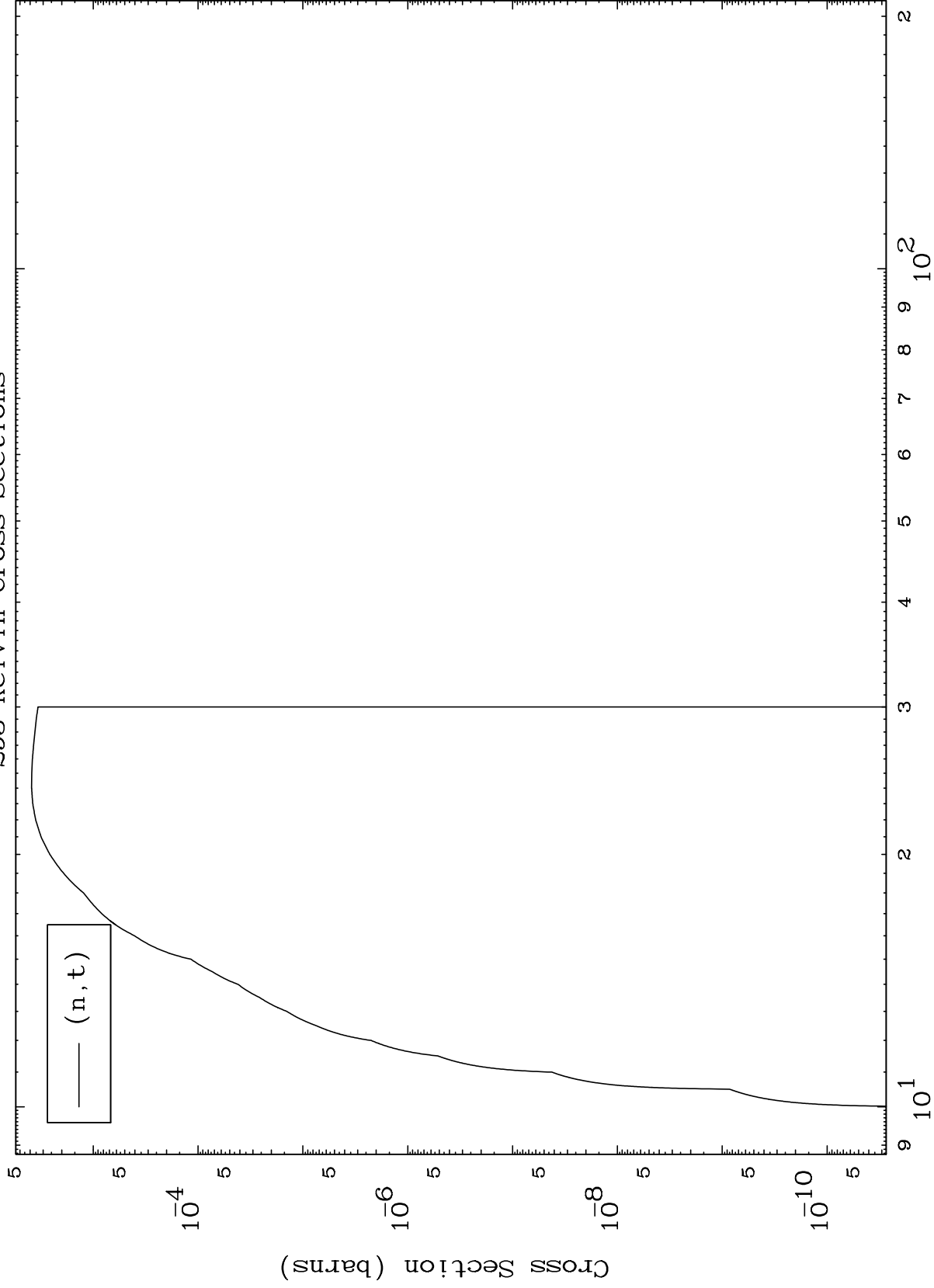


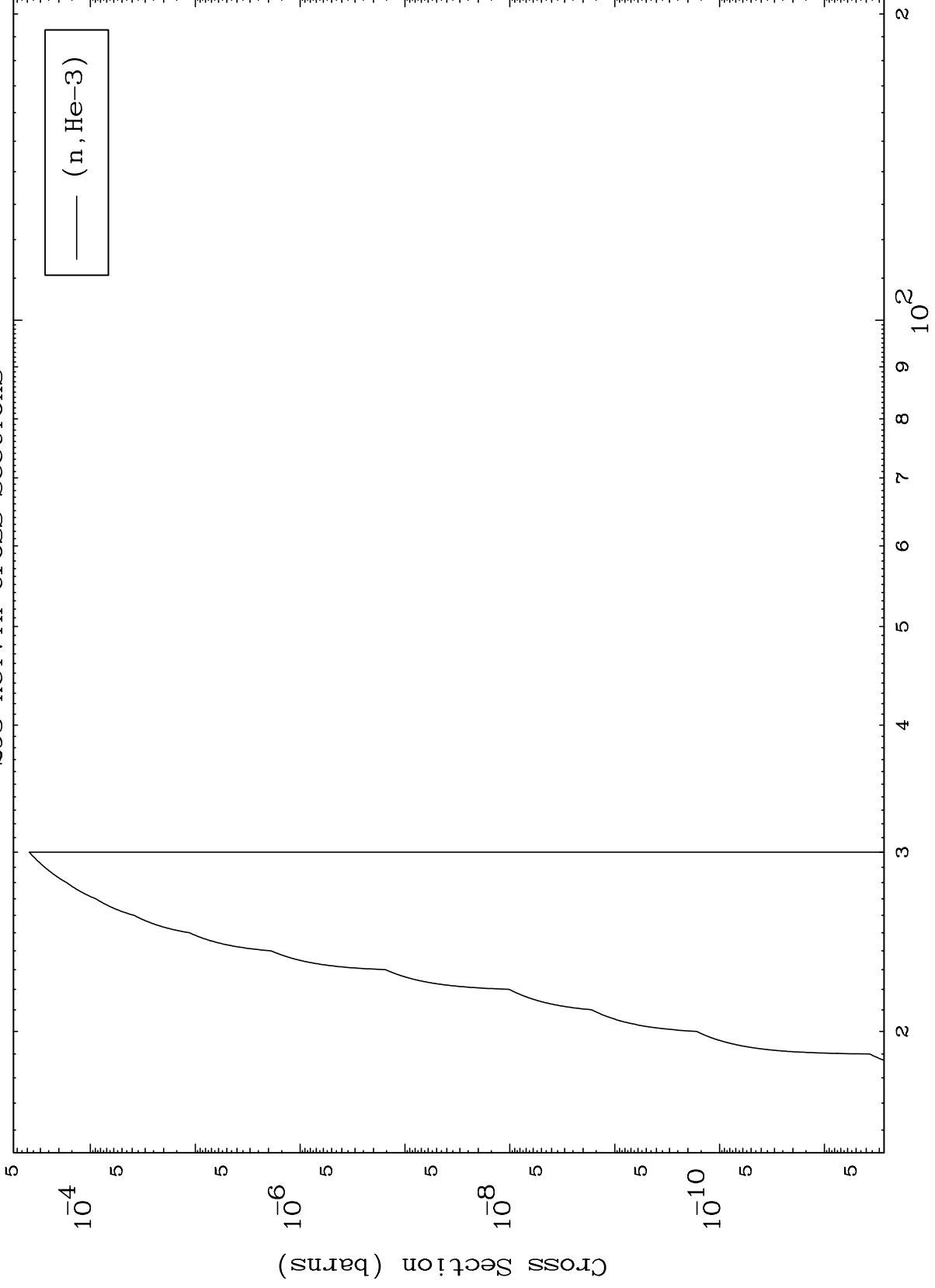
(n,n') Levels  
293 Kelvin Cross Sections







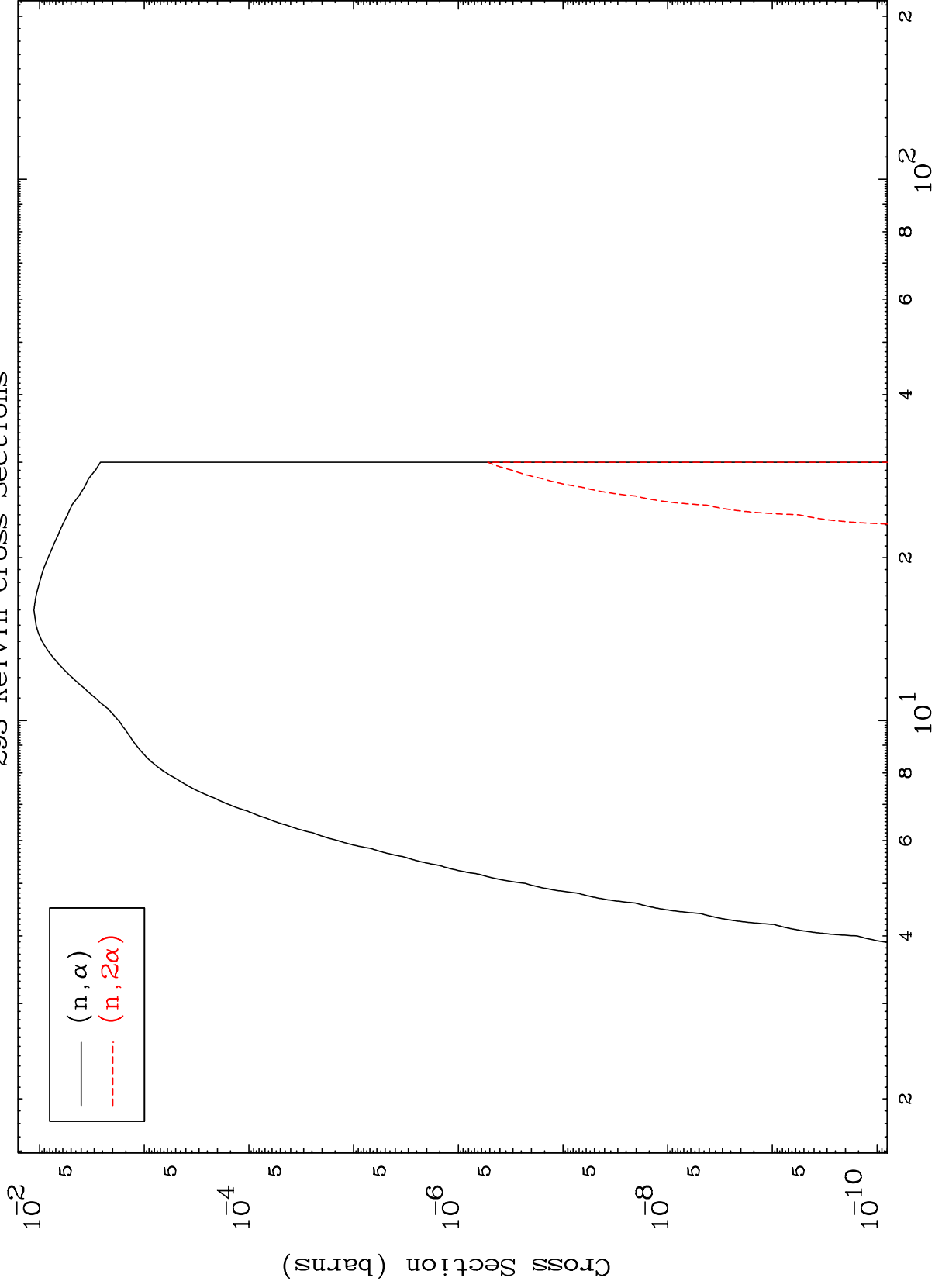




MAT 2334

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

23-V -53

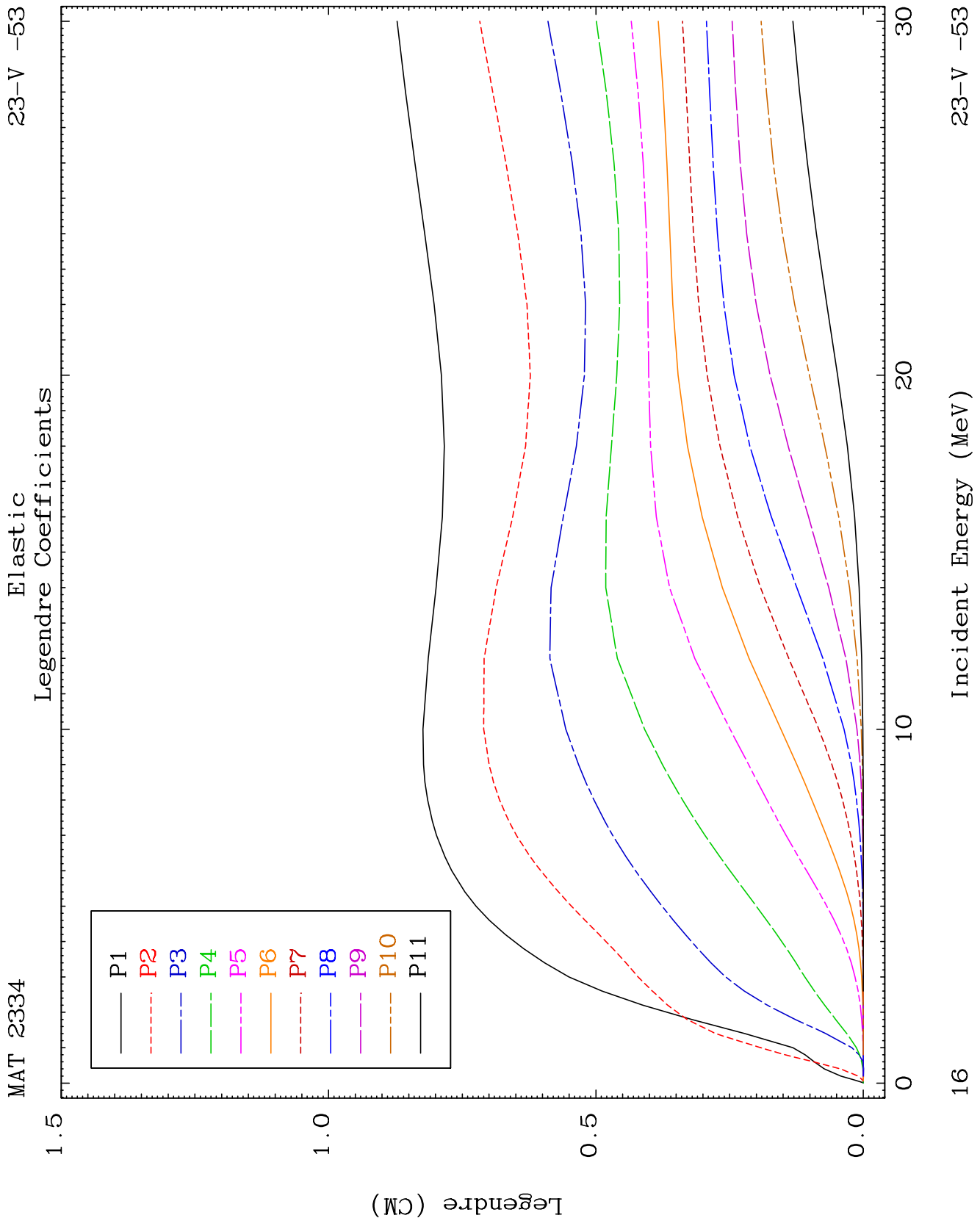


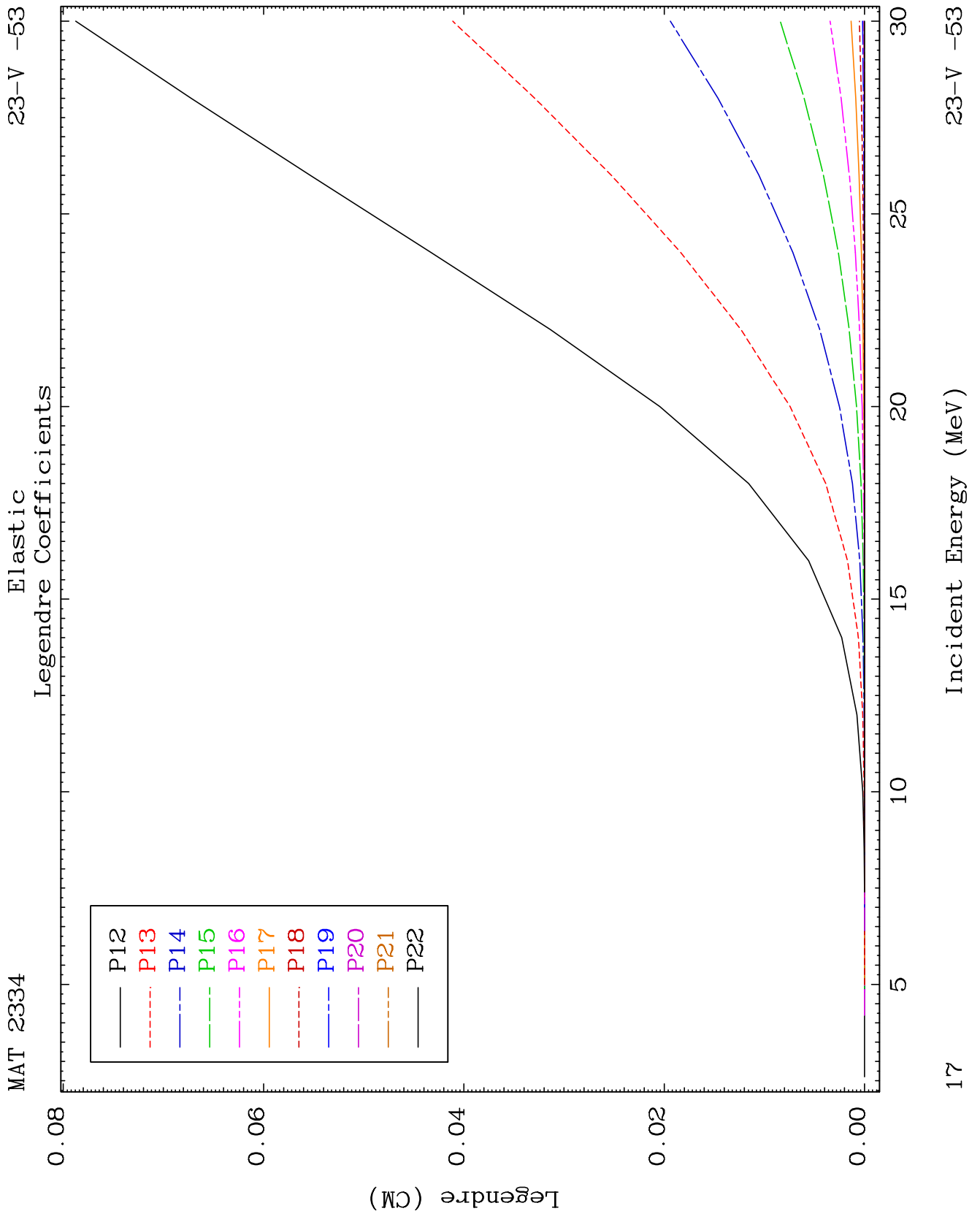
15

Incident Energy (MeV)

23-V -53



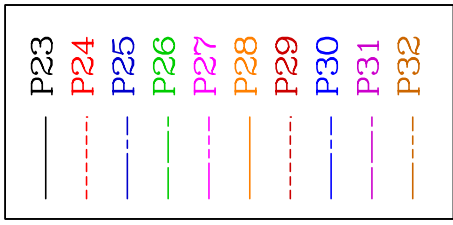




MAT 2334

Elastic Legendre Coefficients

23-V -53



$\times 10^{-6}$

1.5

Legendre (CM)

0.5

0.0

10

15

20

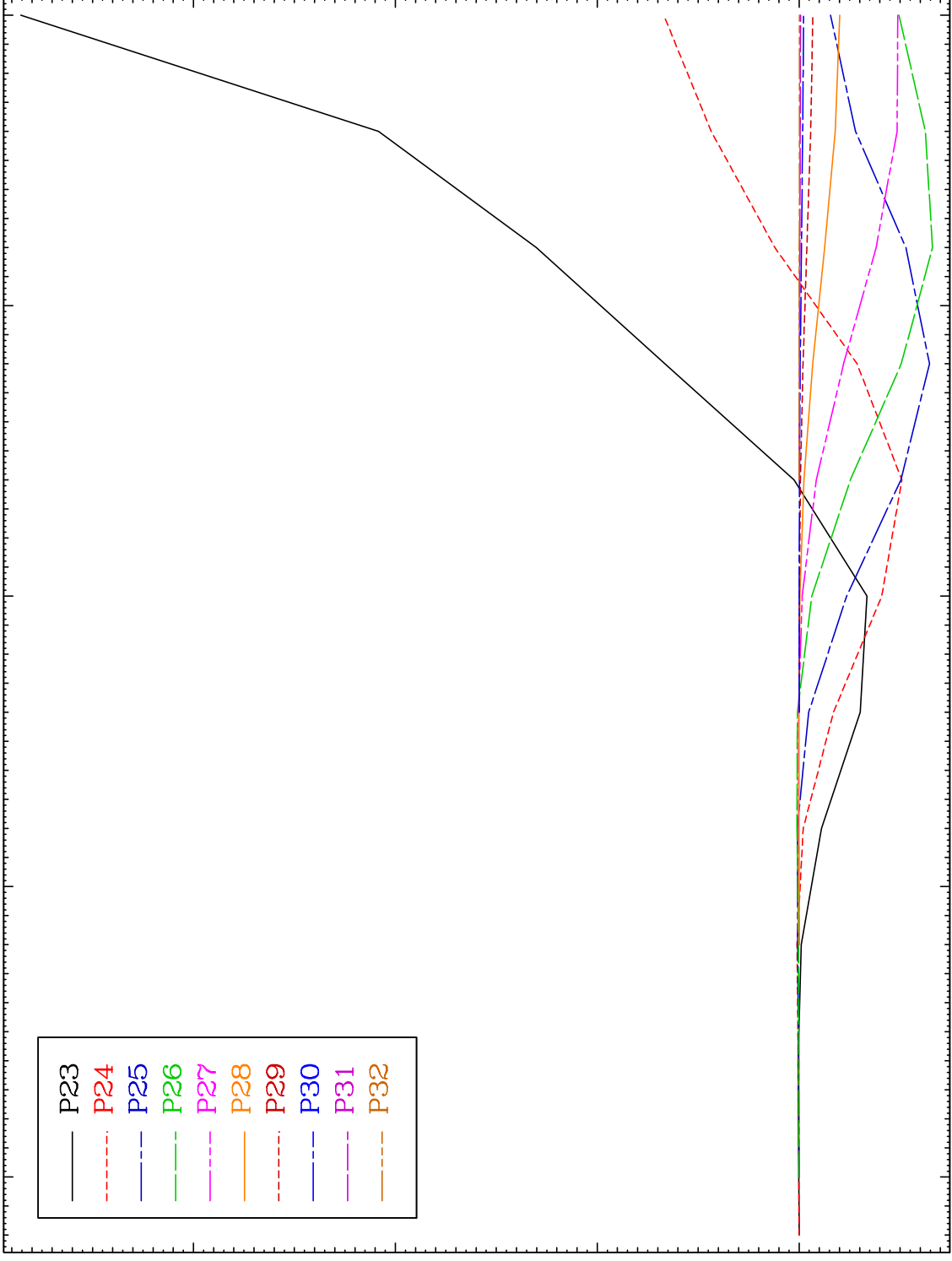
25

30

18

Incident Energy (MeV)

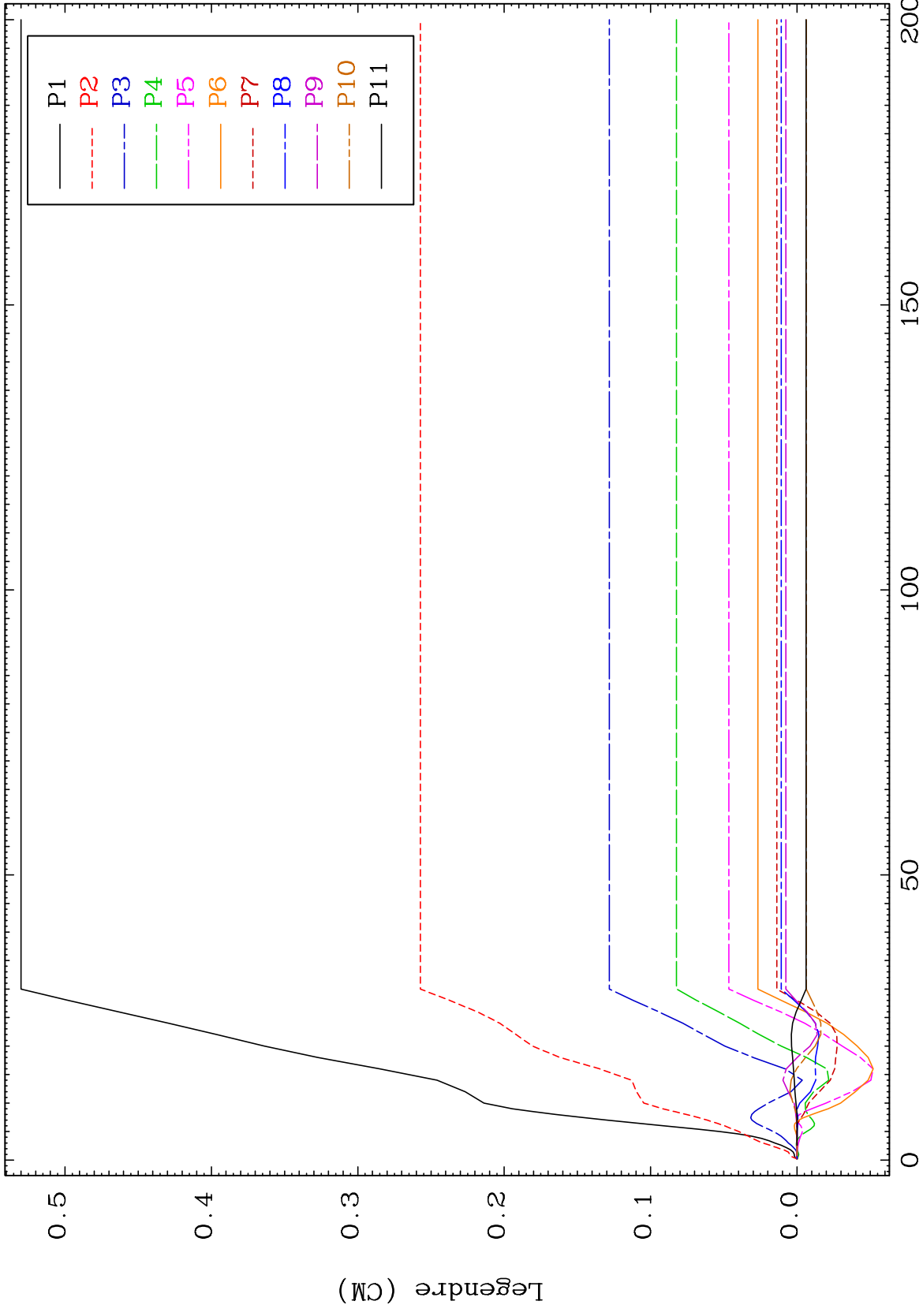
23-V -53



MAT 2334

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

23-V -53



19

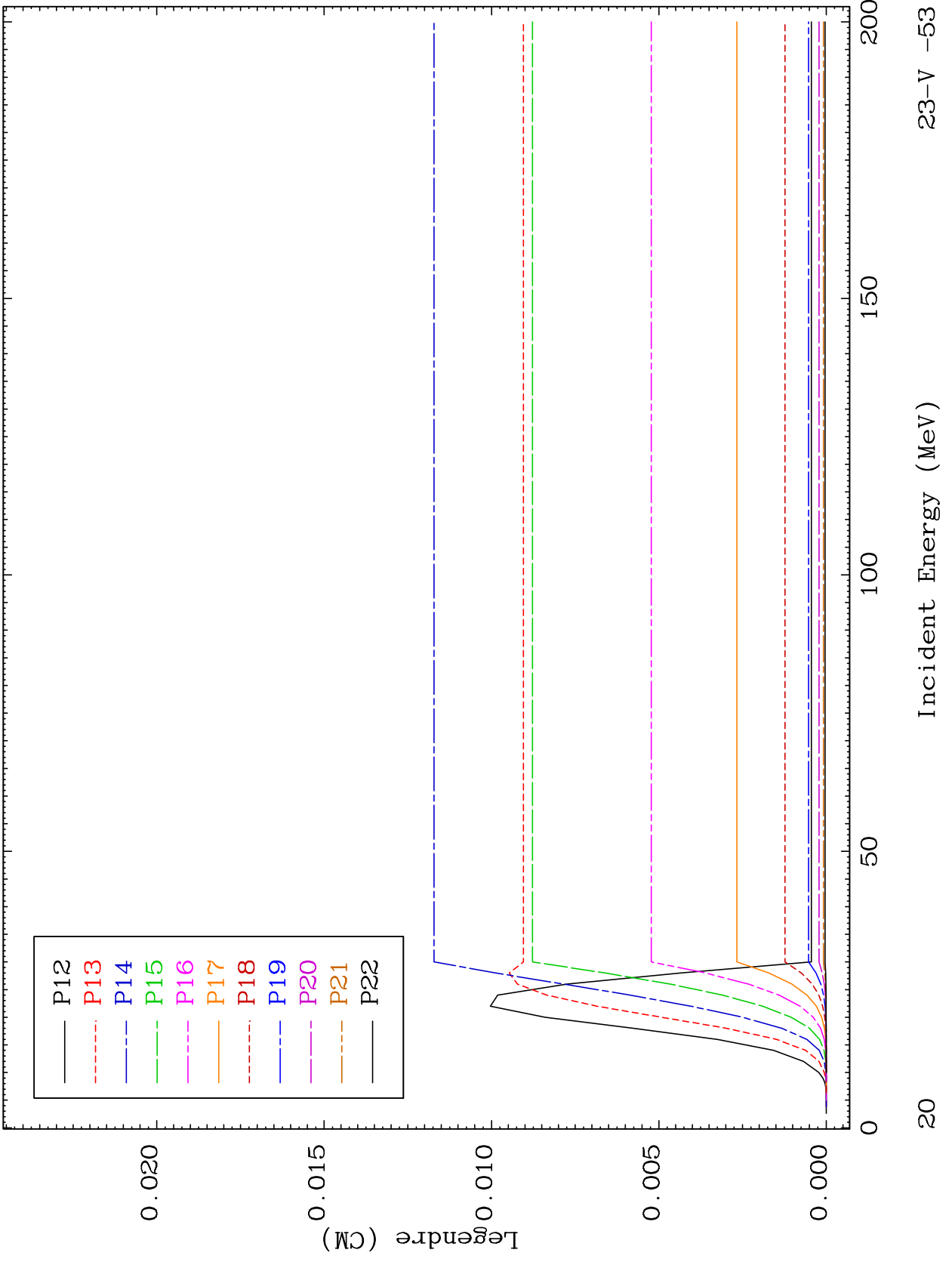
Incident Energy (MeV)

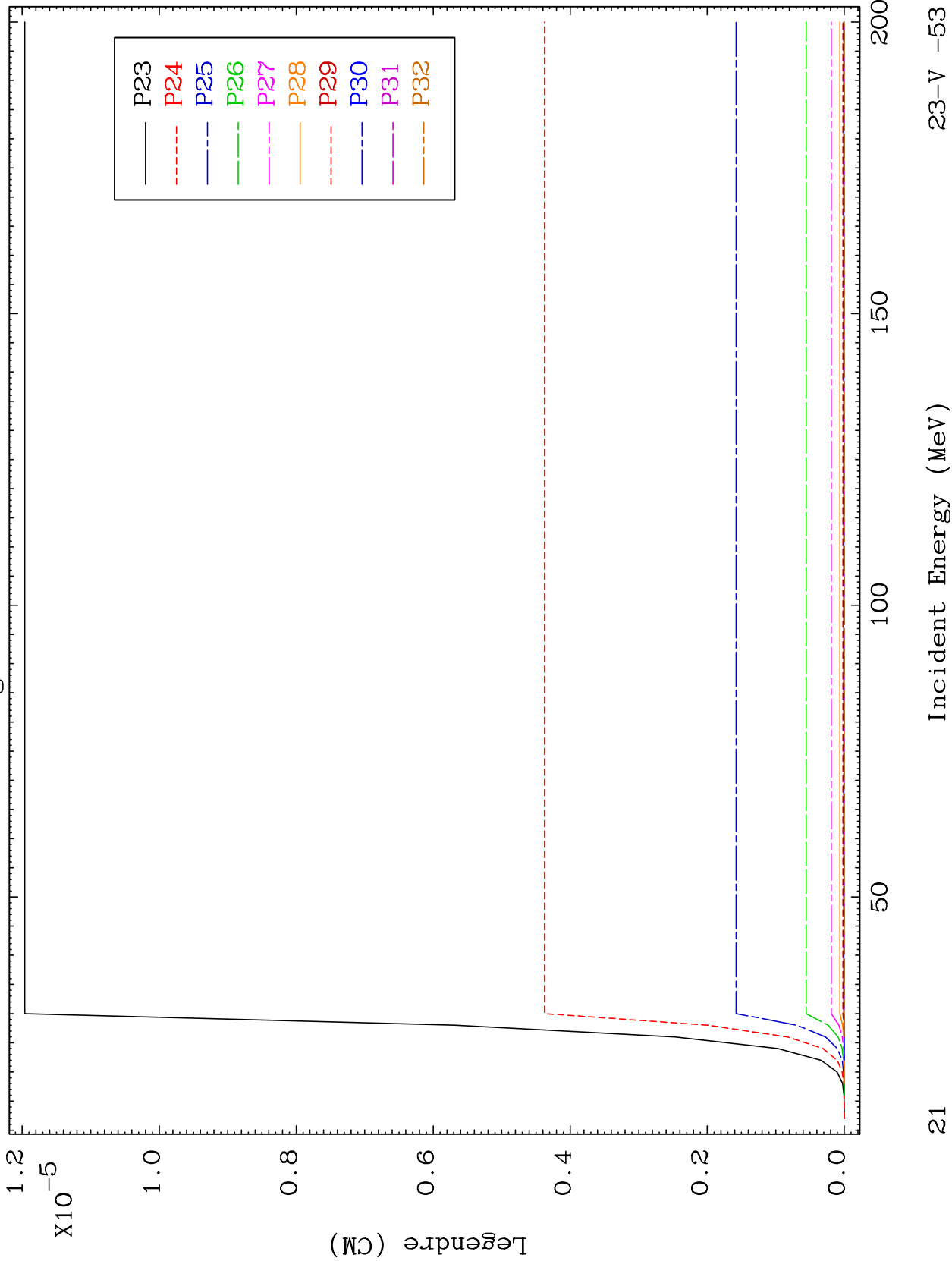
23-V -53

MAT 2334

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

23-V -53

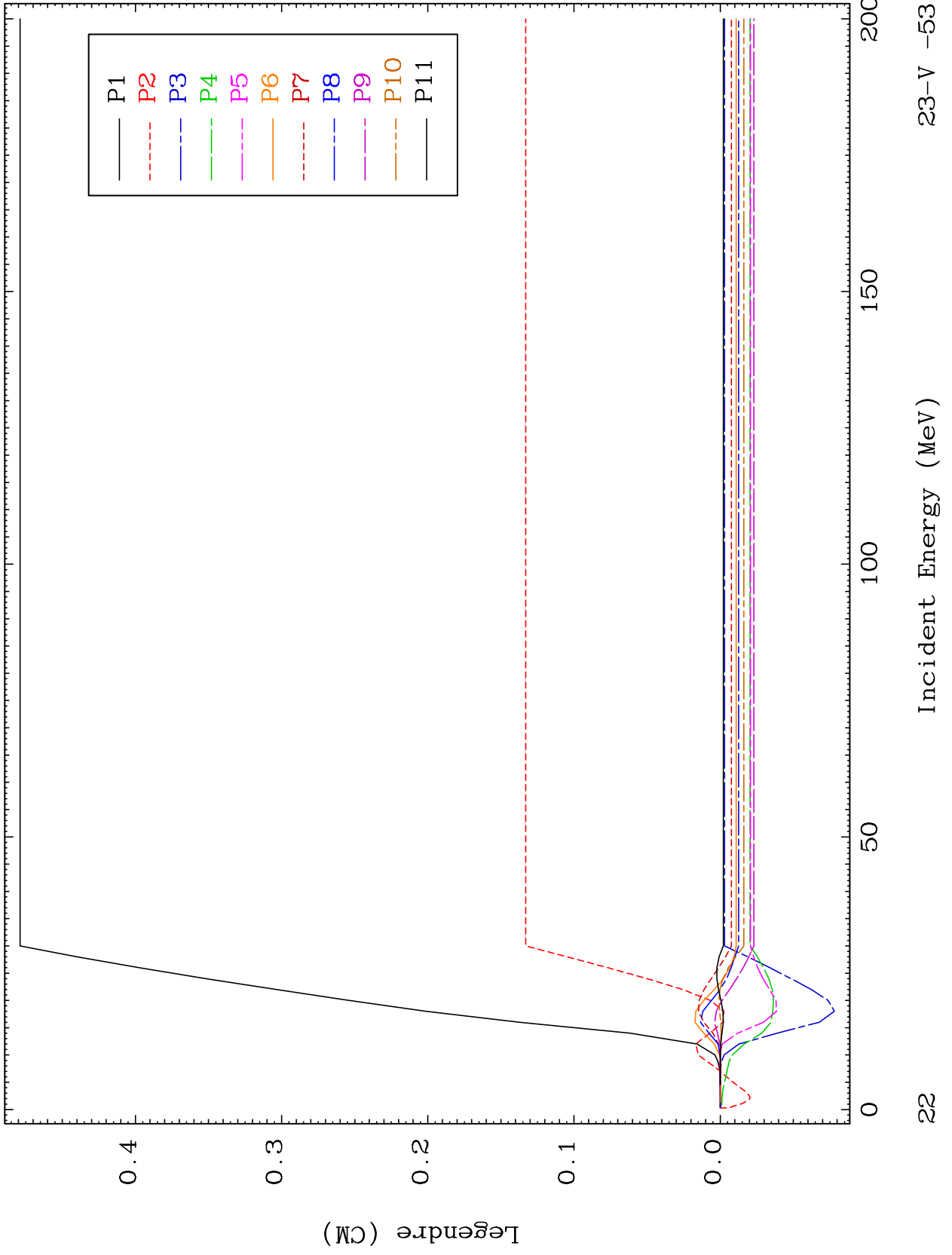




MAT 2334

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

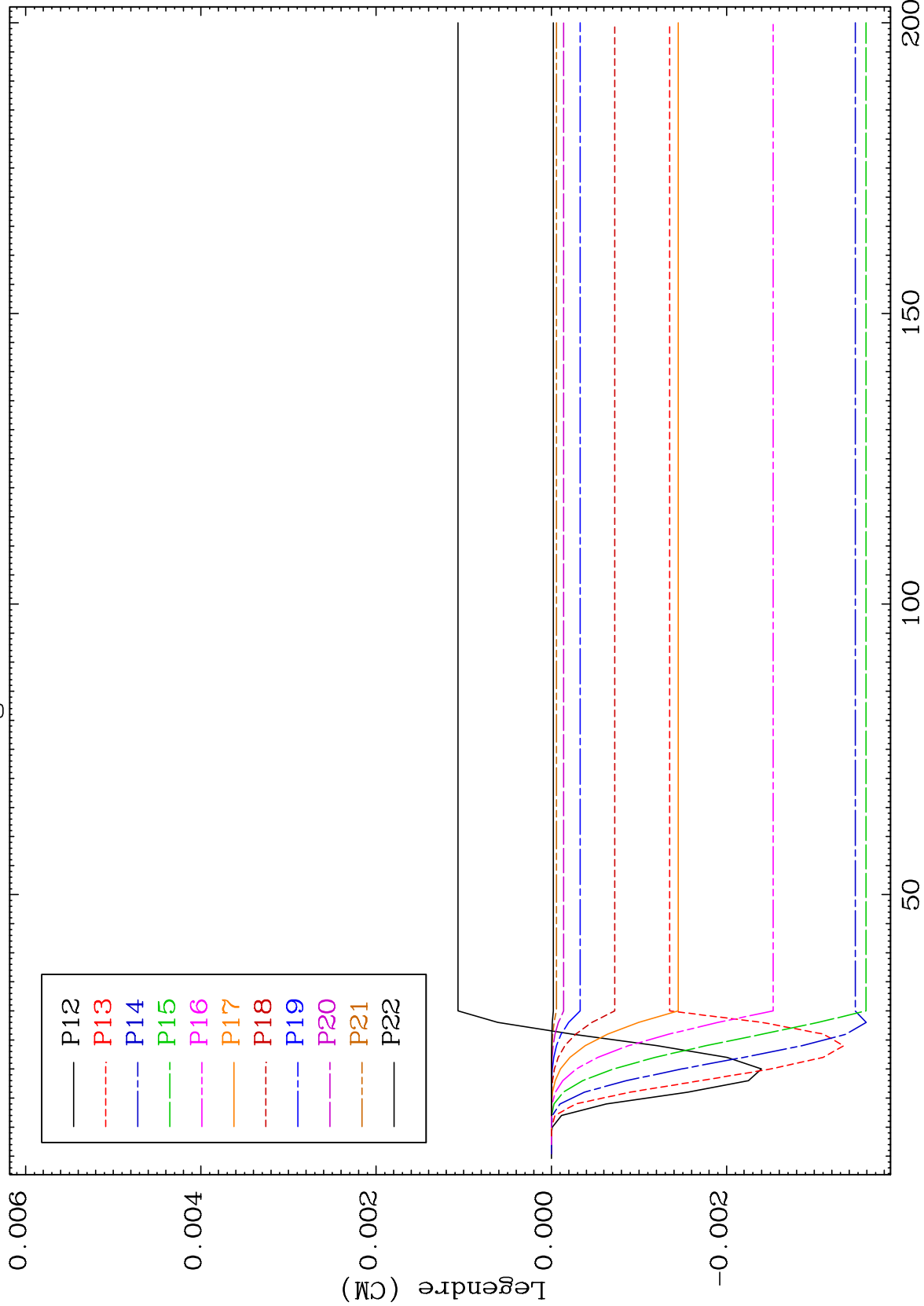
23-V -53



22

Incident Energy (MeV)

23-V -53



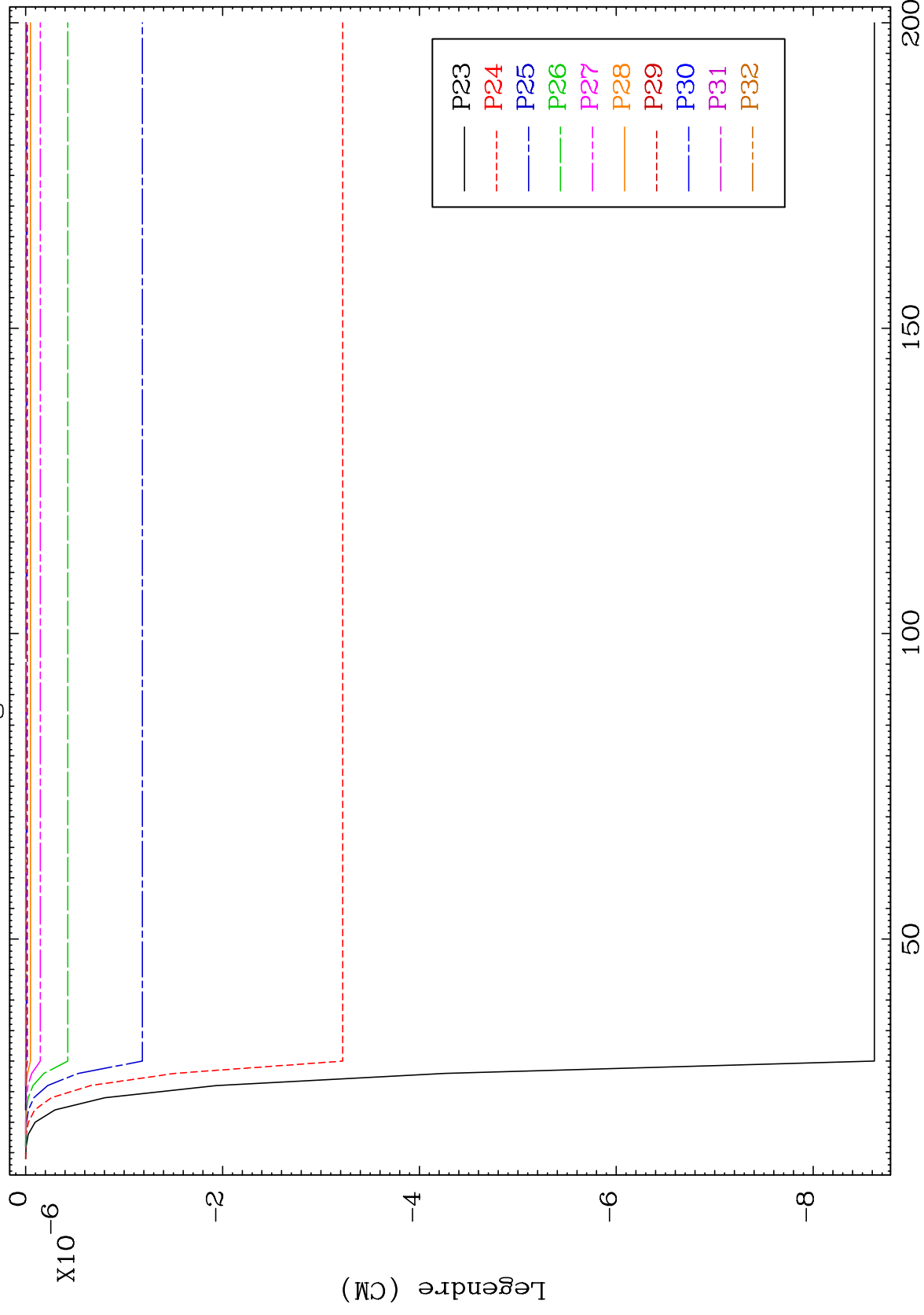


MAT 2334

MT= 52 (n,n') Level

Legendre Coefficients

23-V -53



23-V -53

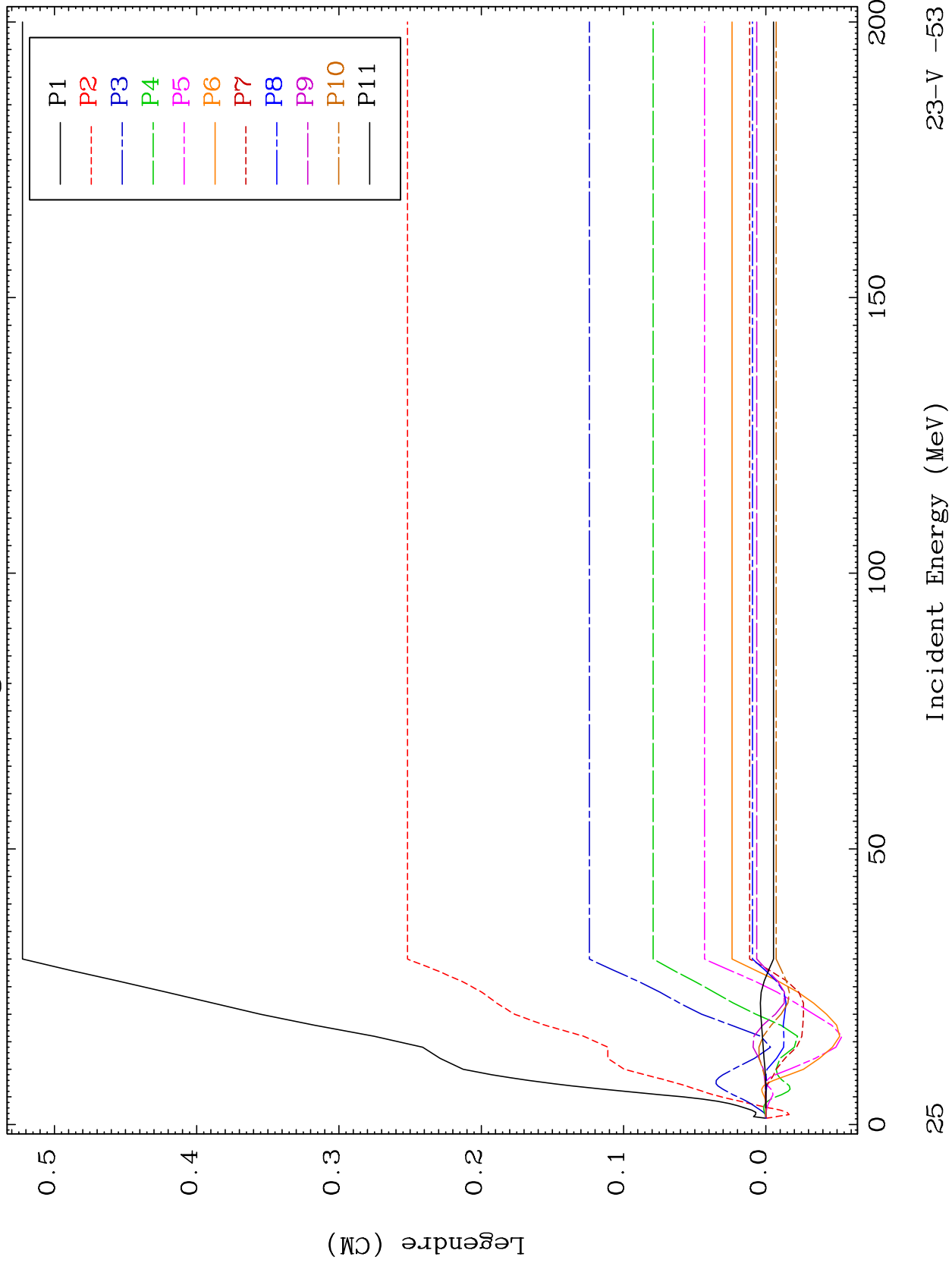
Incident Energy (MeV)

24

MAT 2334

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

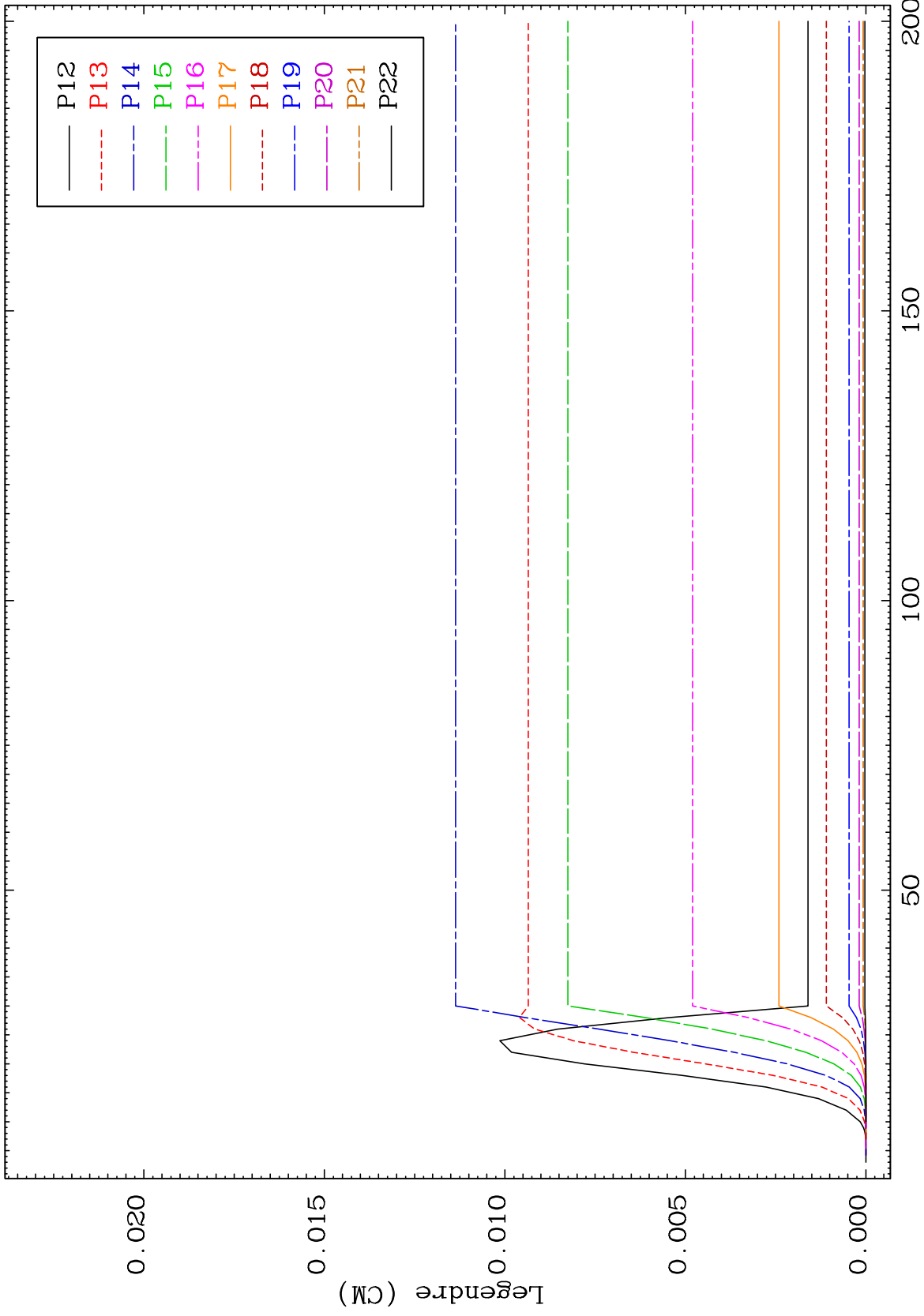
23-V -53

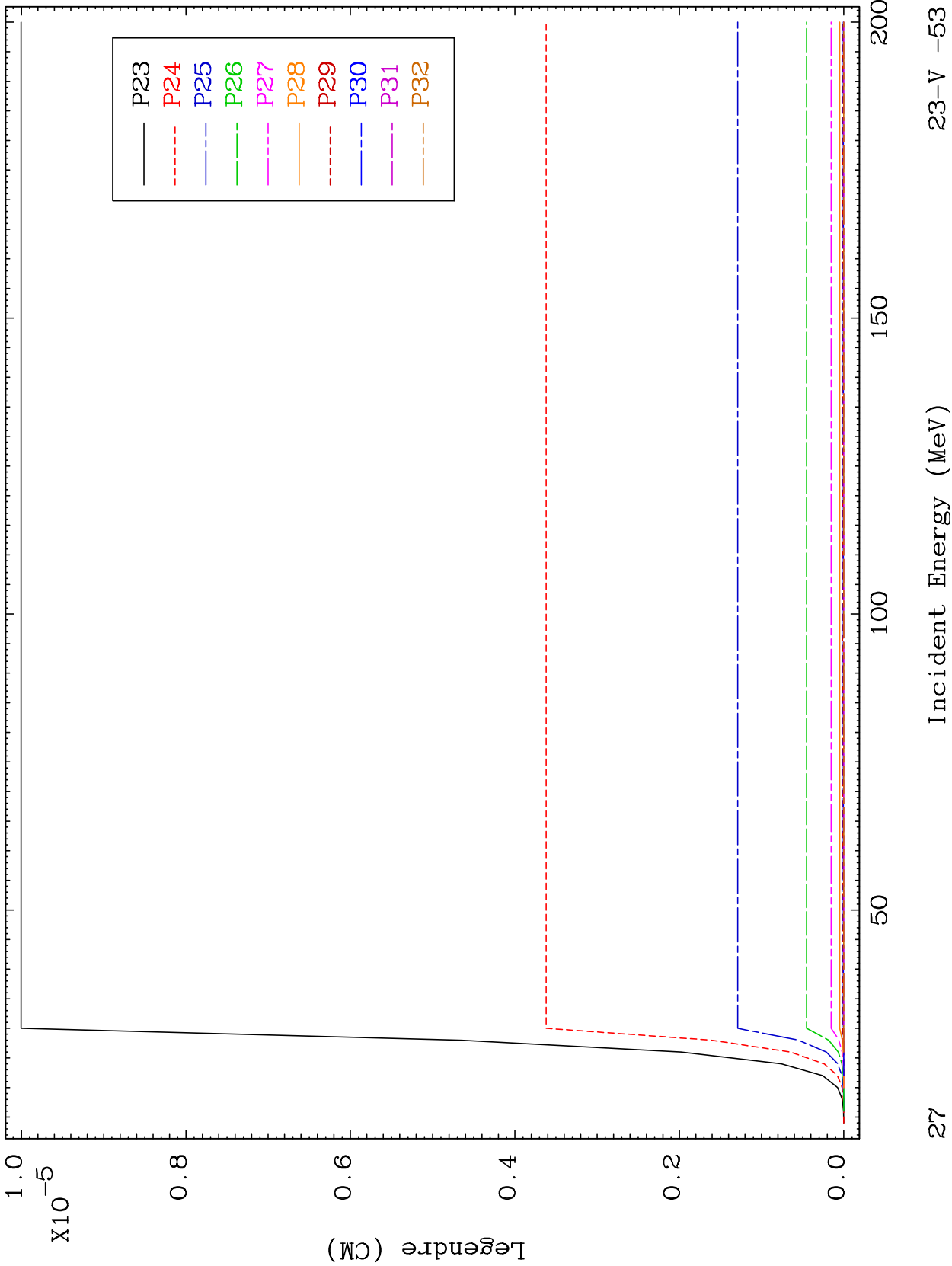


23-V -53

Incident Energy (MeV)

25

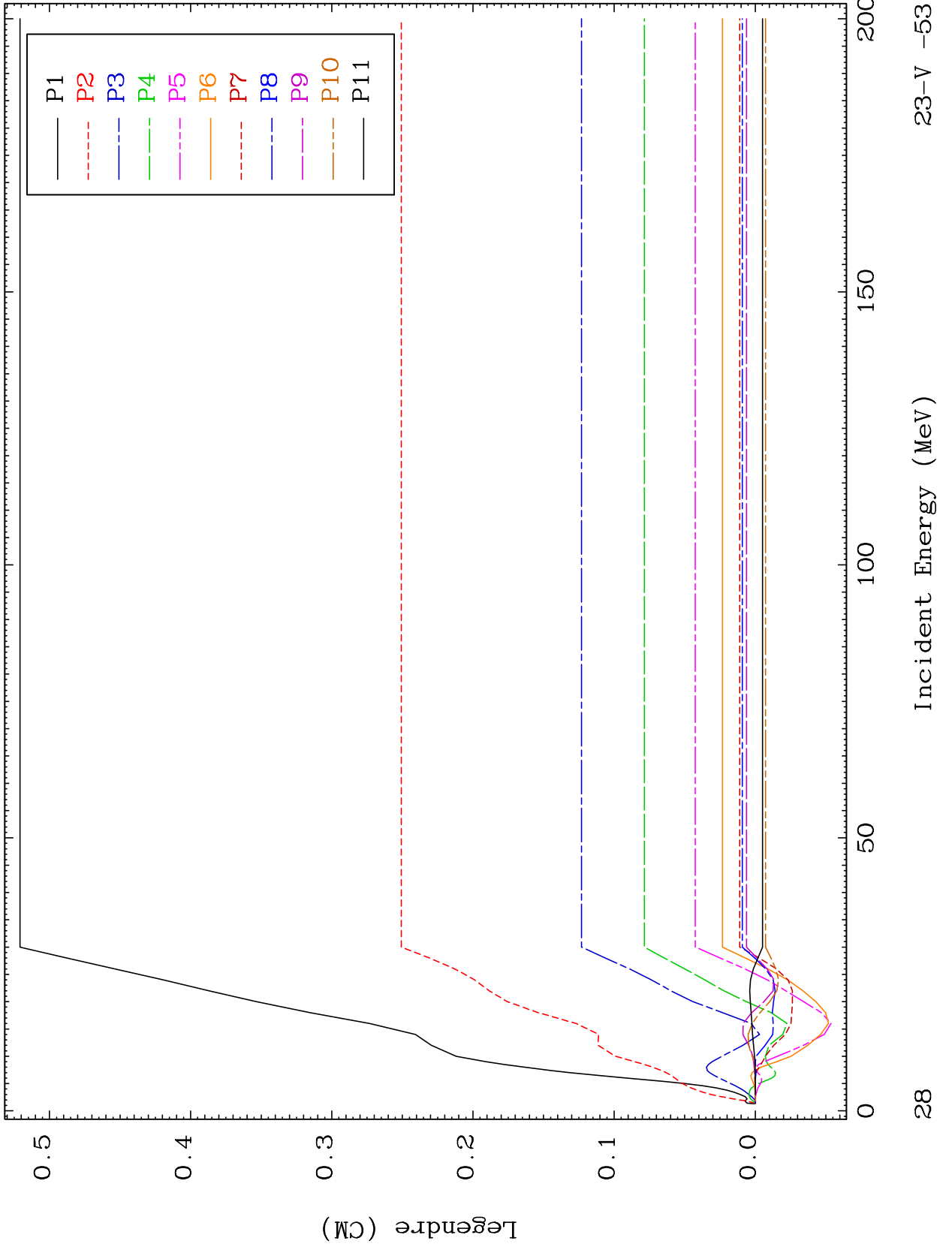


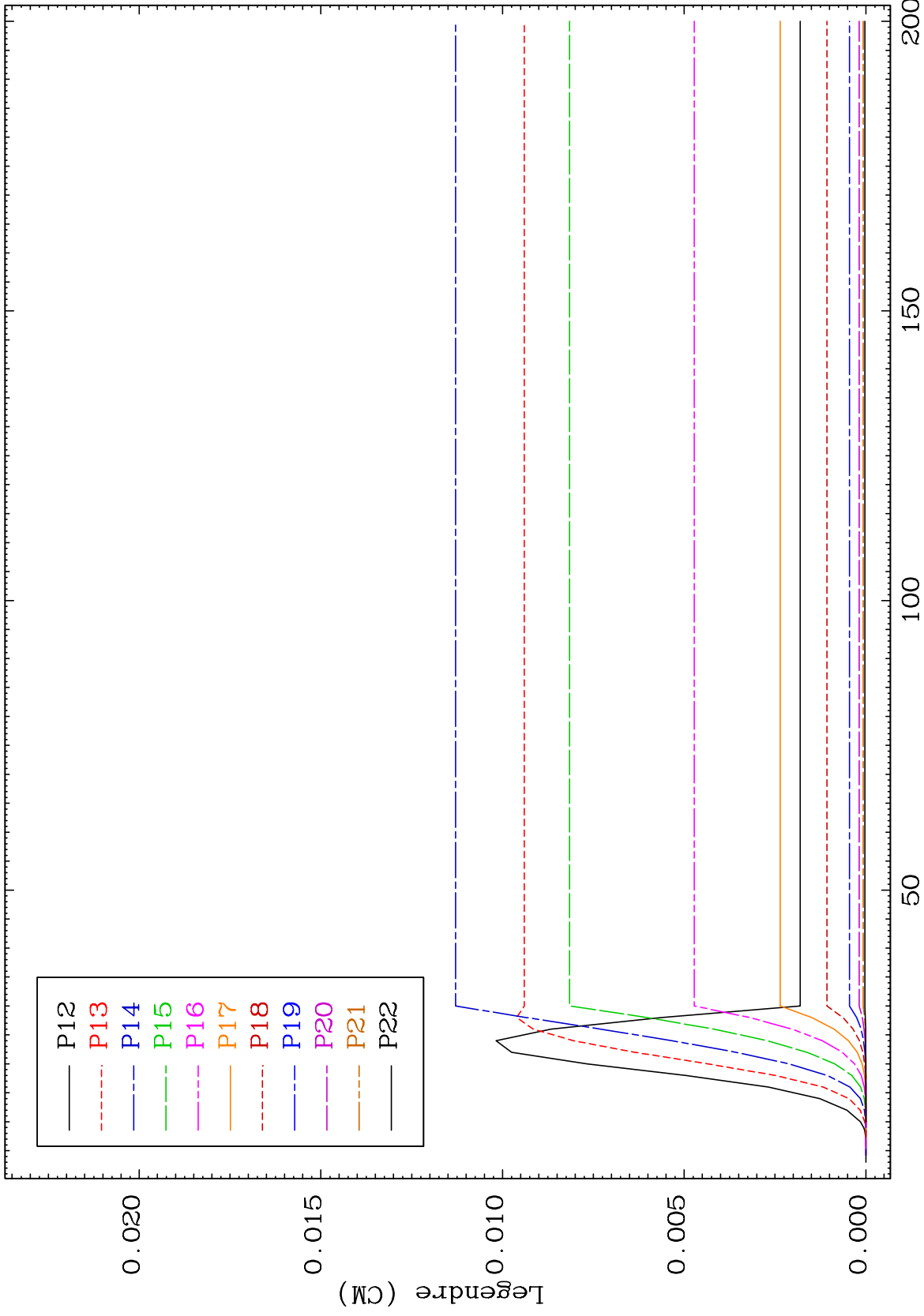


MAT 2334

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

23-V -53

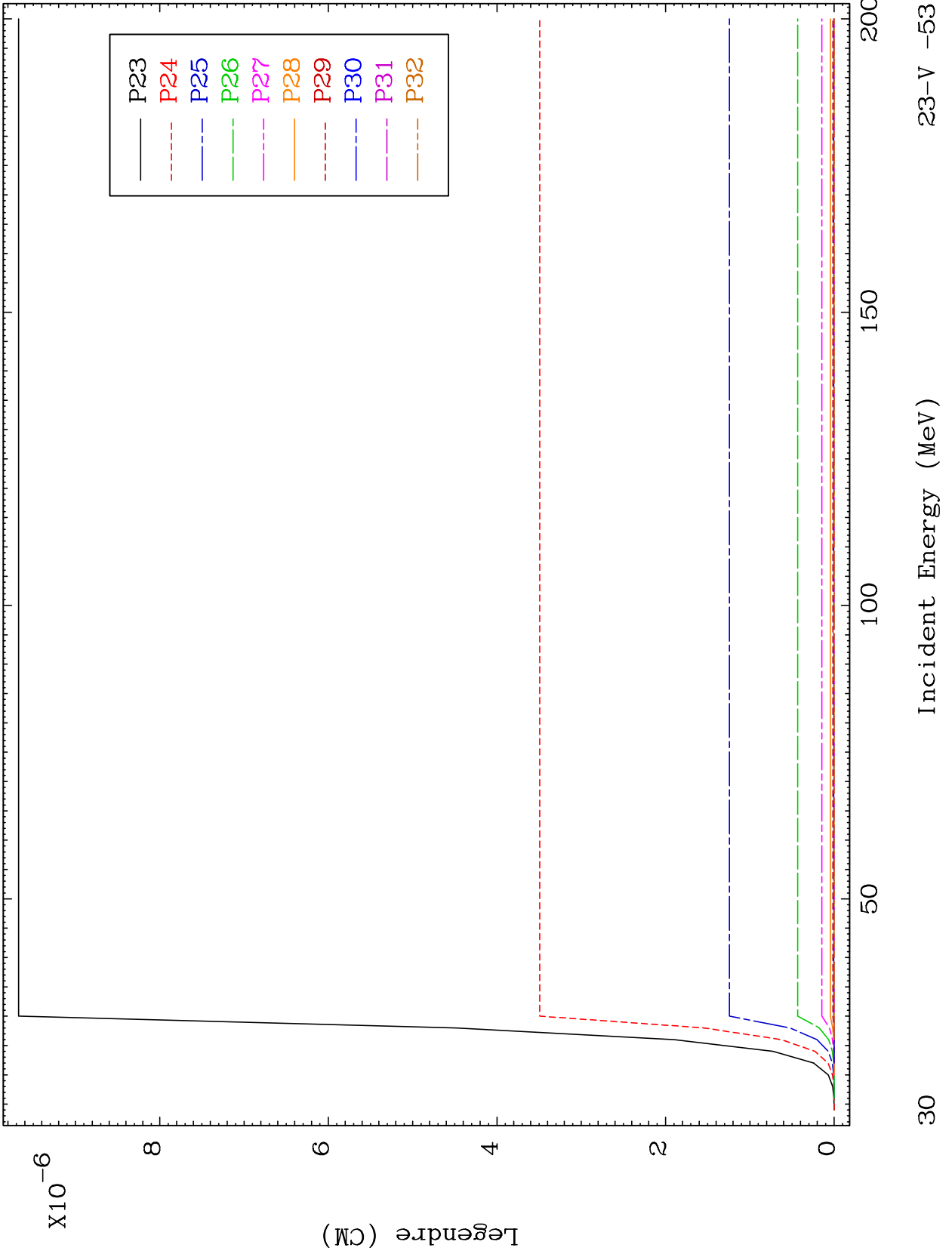




MAT 2334

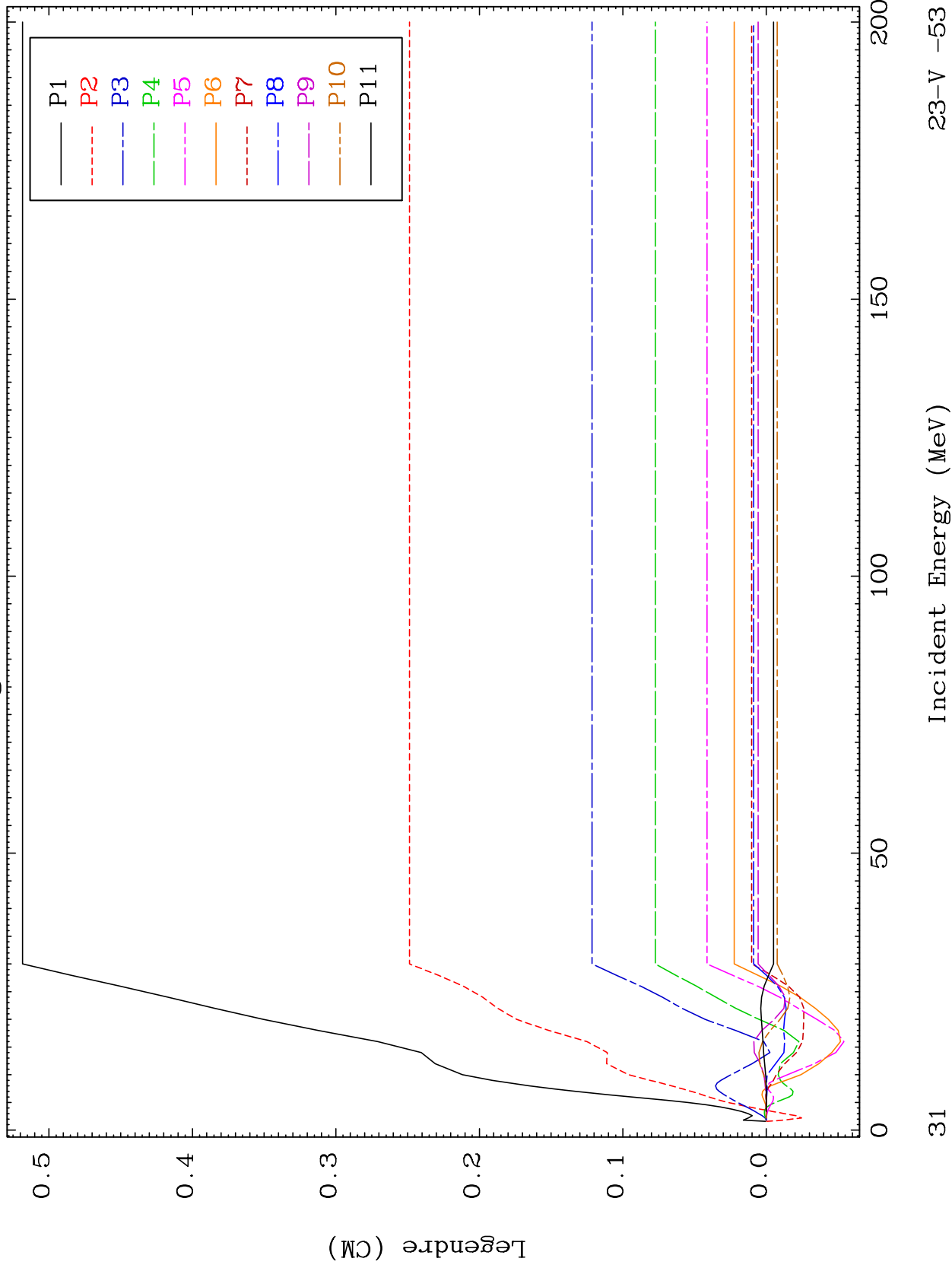
MT= 54 (n,n') Level  
Legendre Coefficients

23-V -53

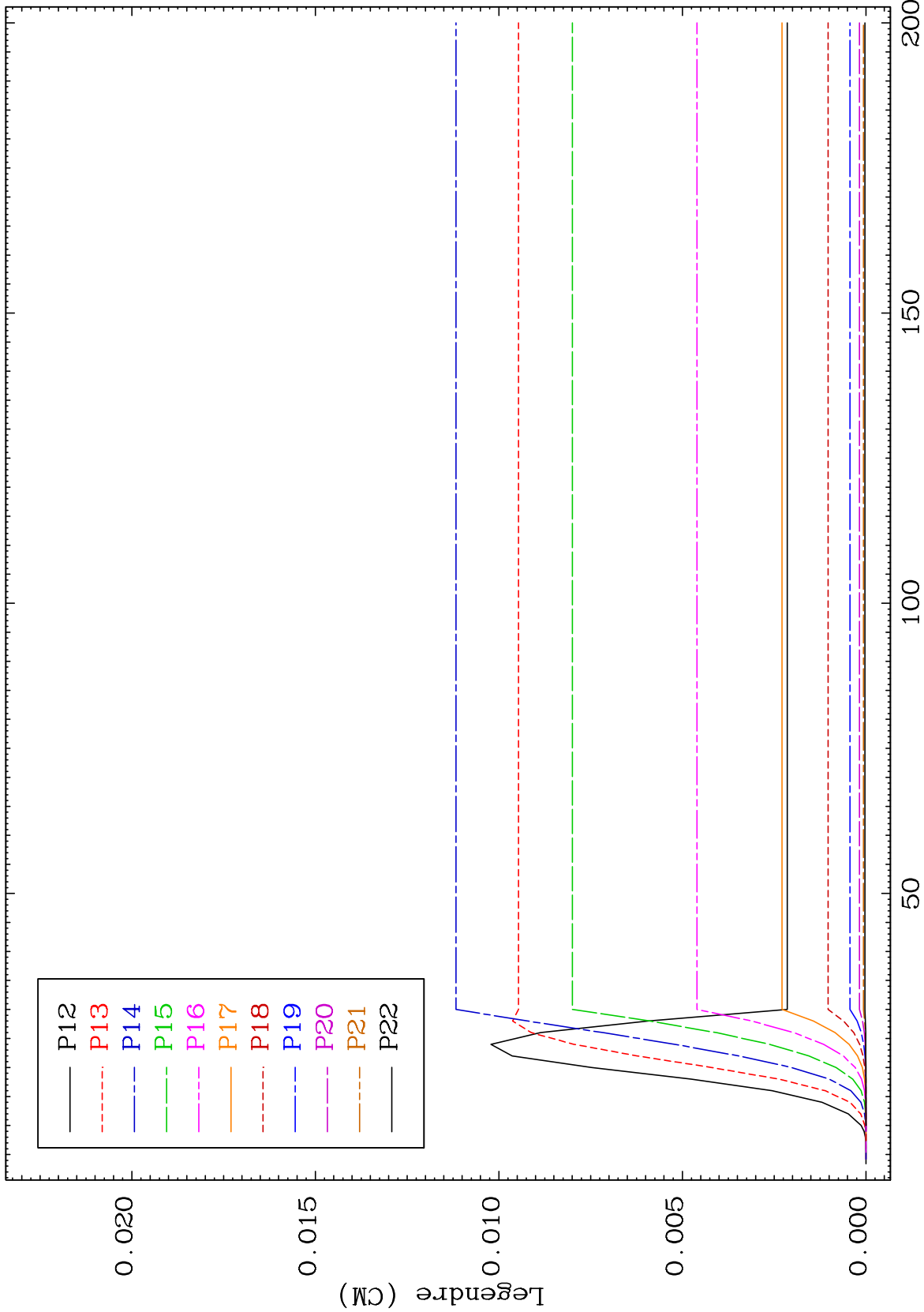


23-V -53

30



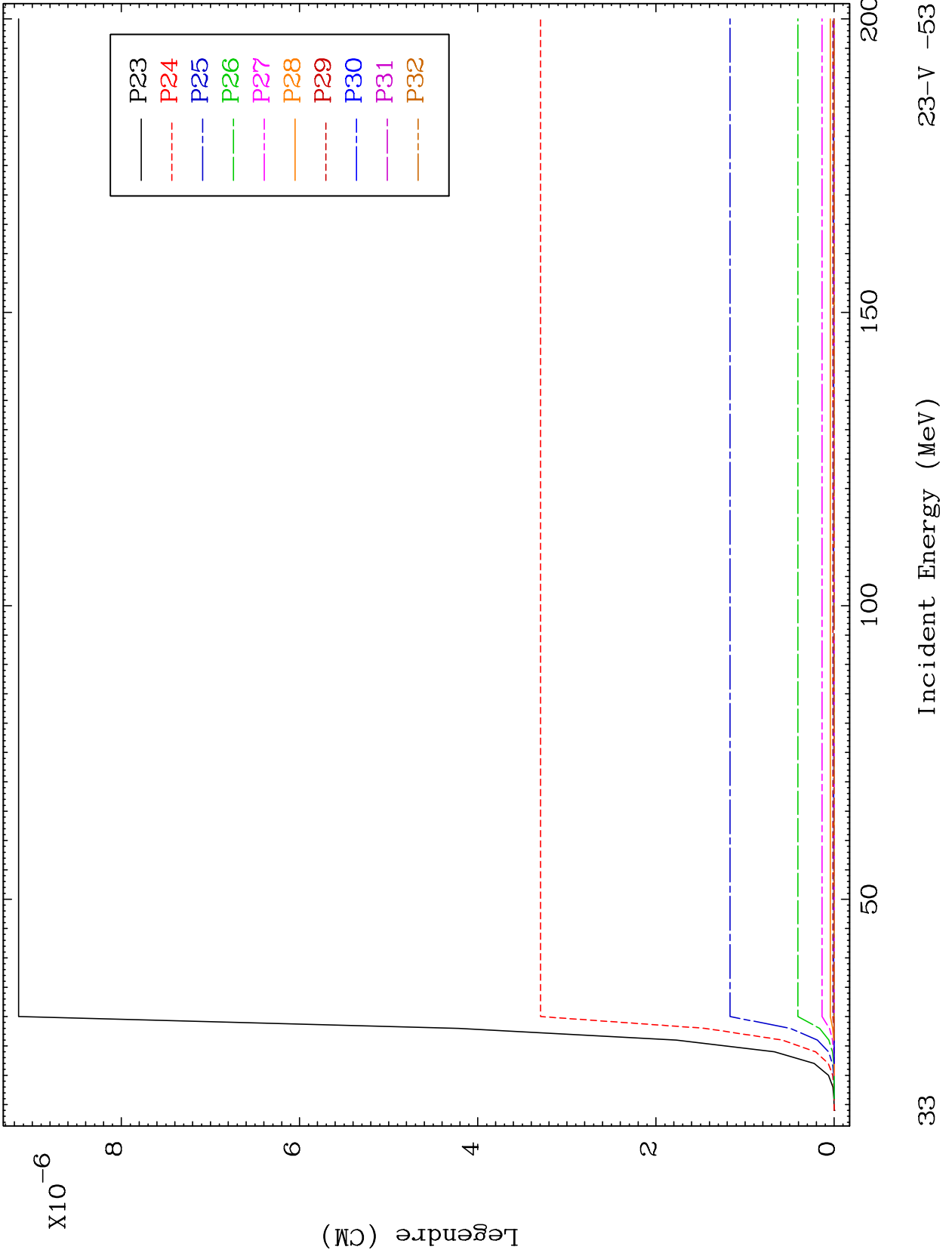




MAT 2334

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

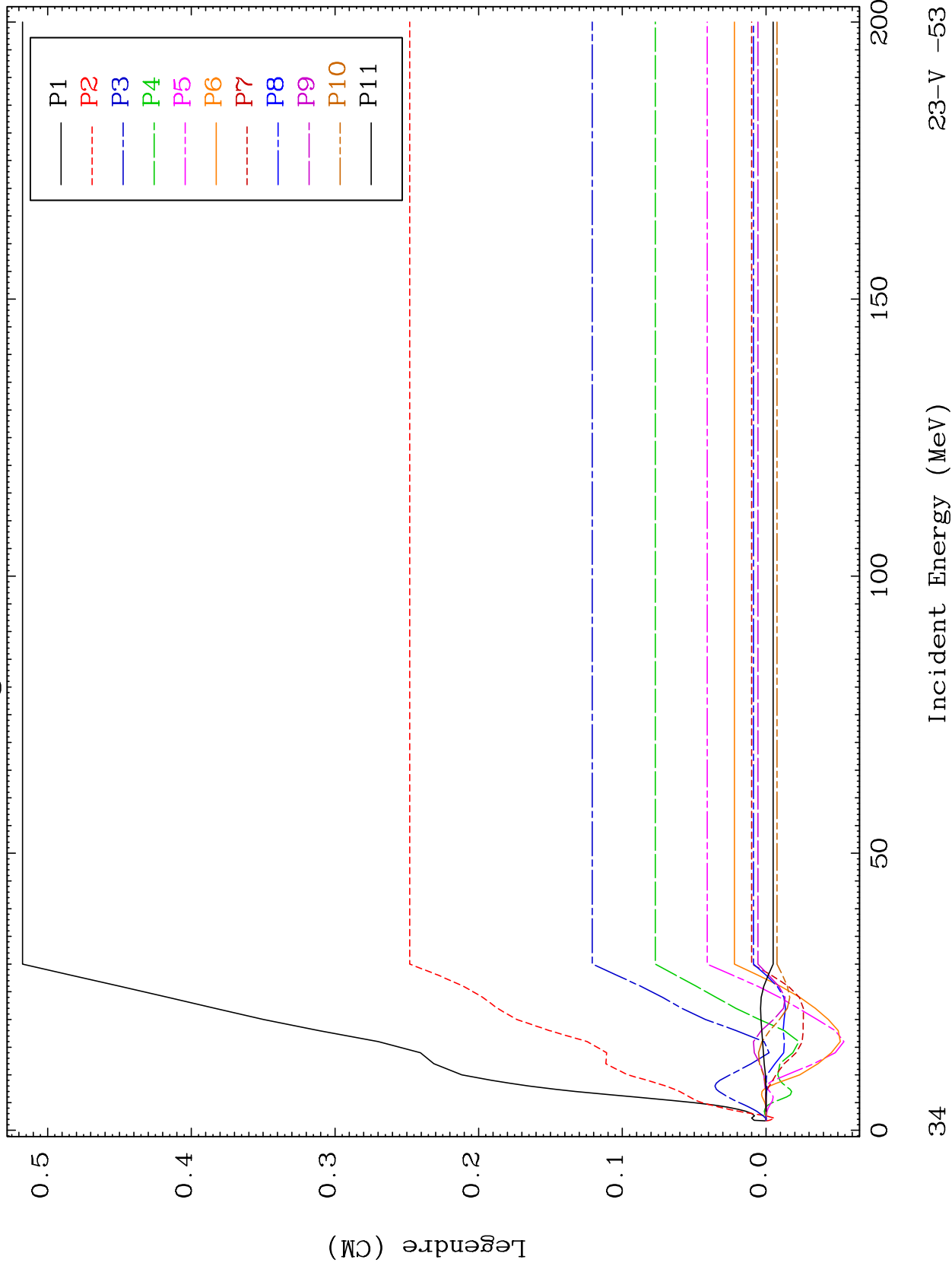
23-V -53



MAT 2334

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

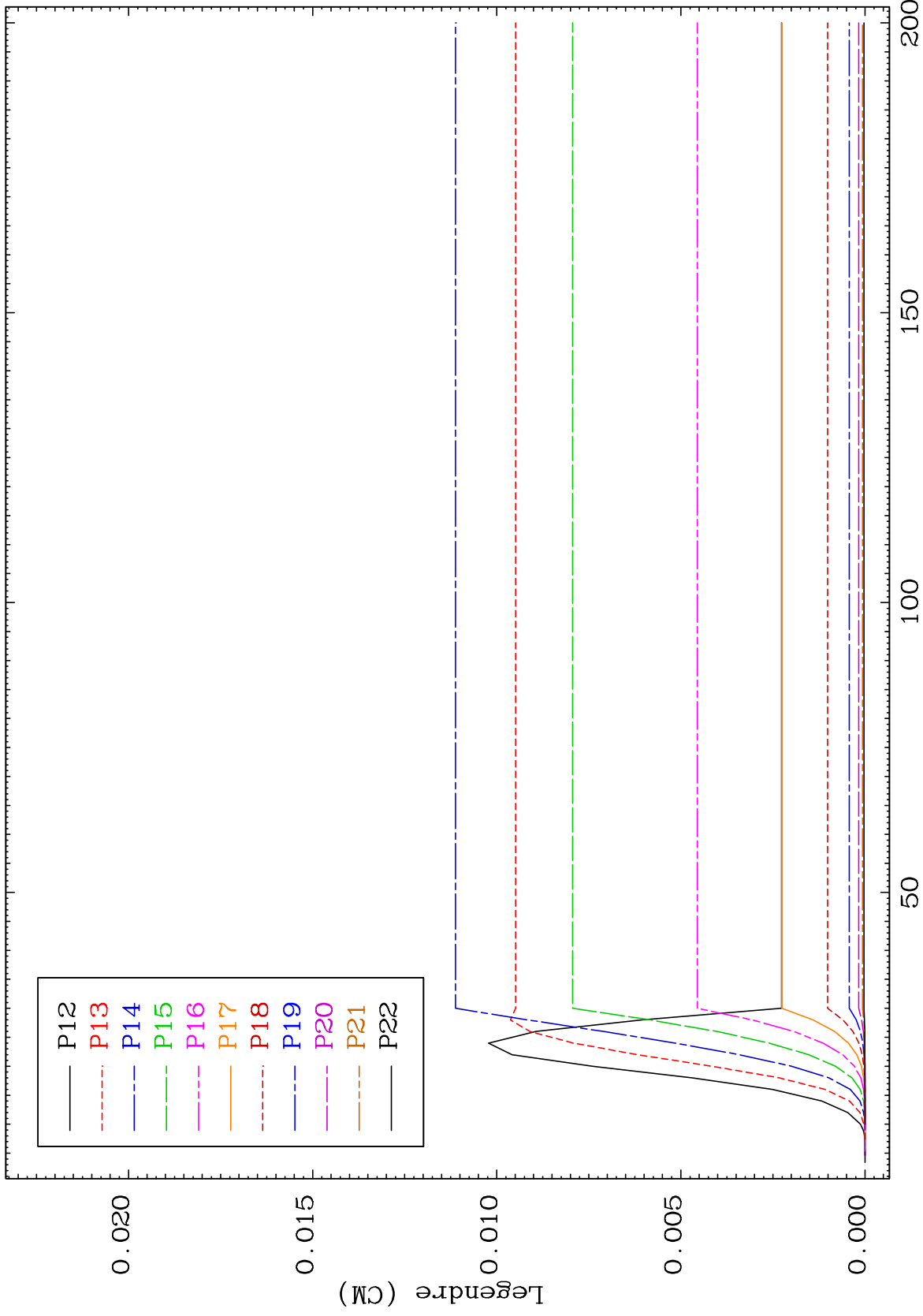
23-V -53



23-V -53

Incident Energy (MeV)

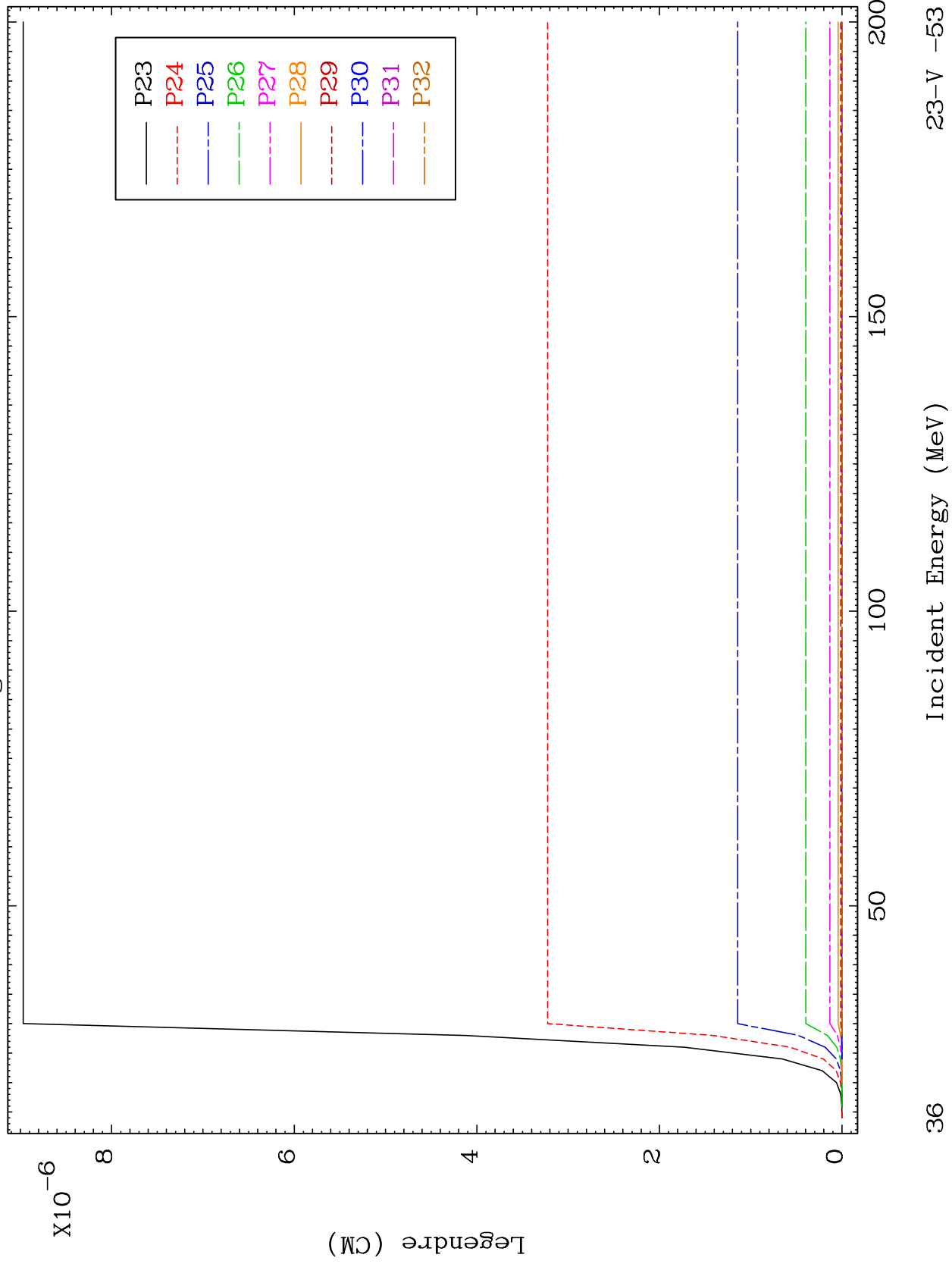
34



MAT 2334

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

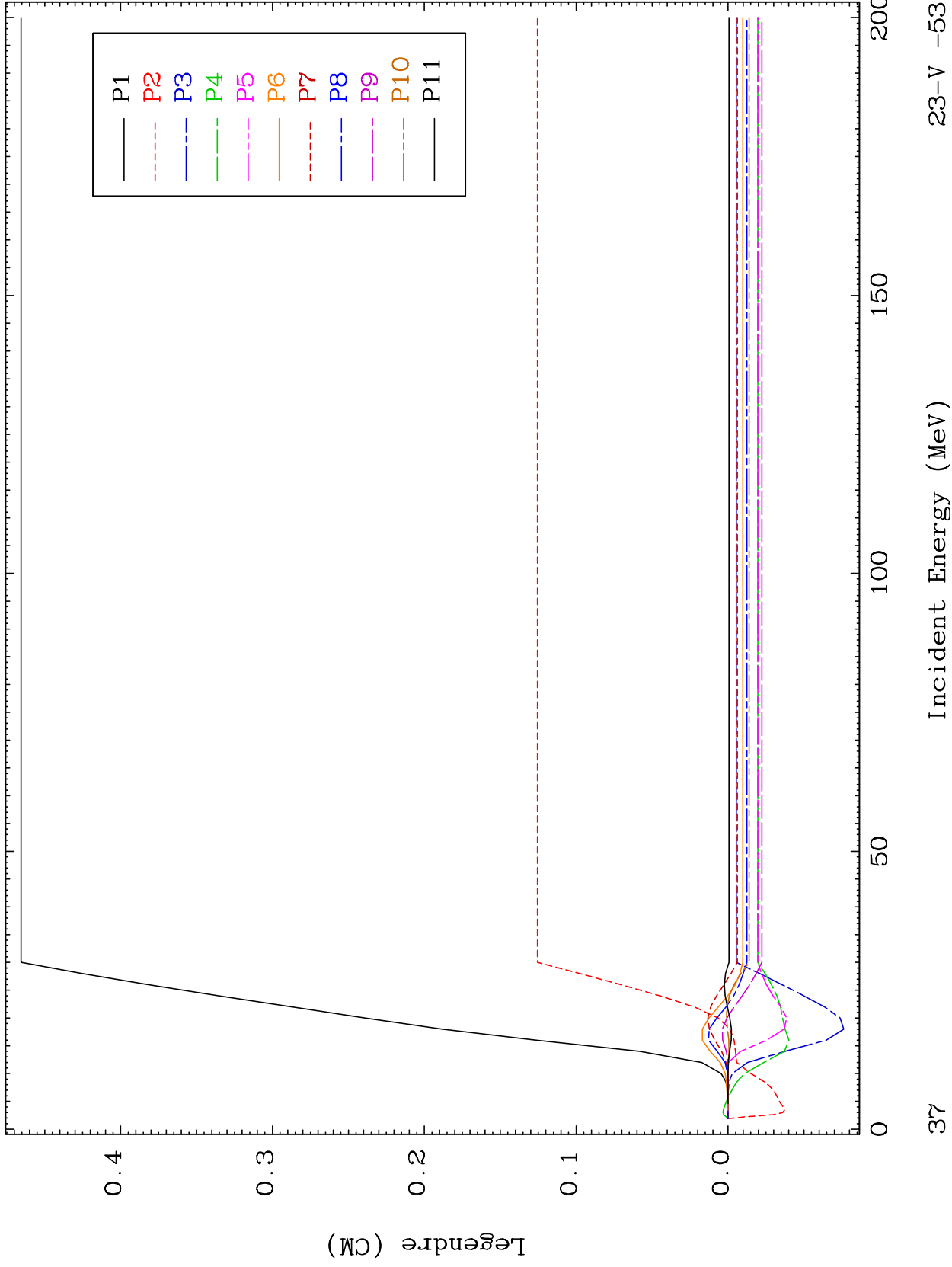
23-V -53



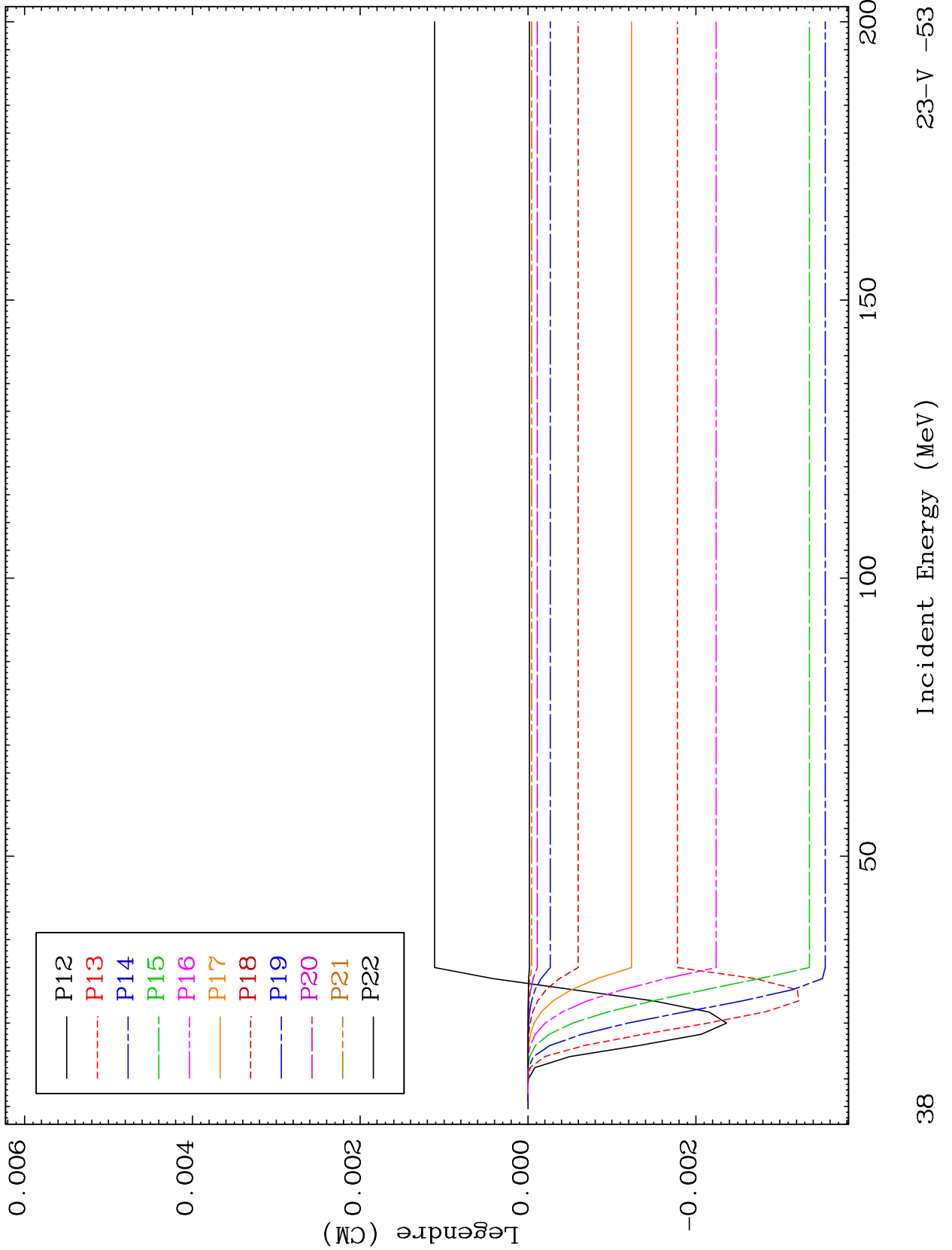
MAT 2334

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

23-V -53



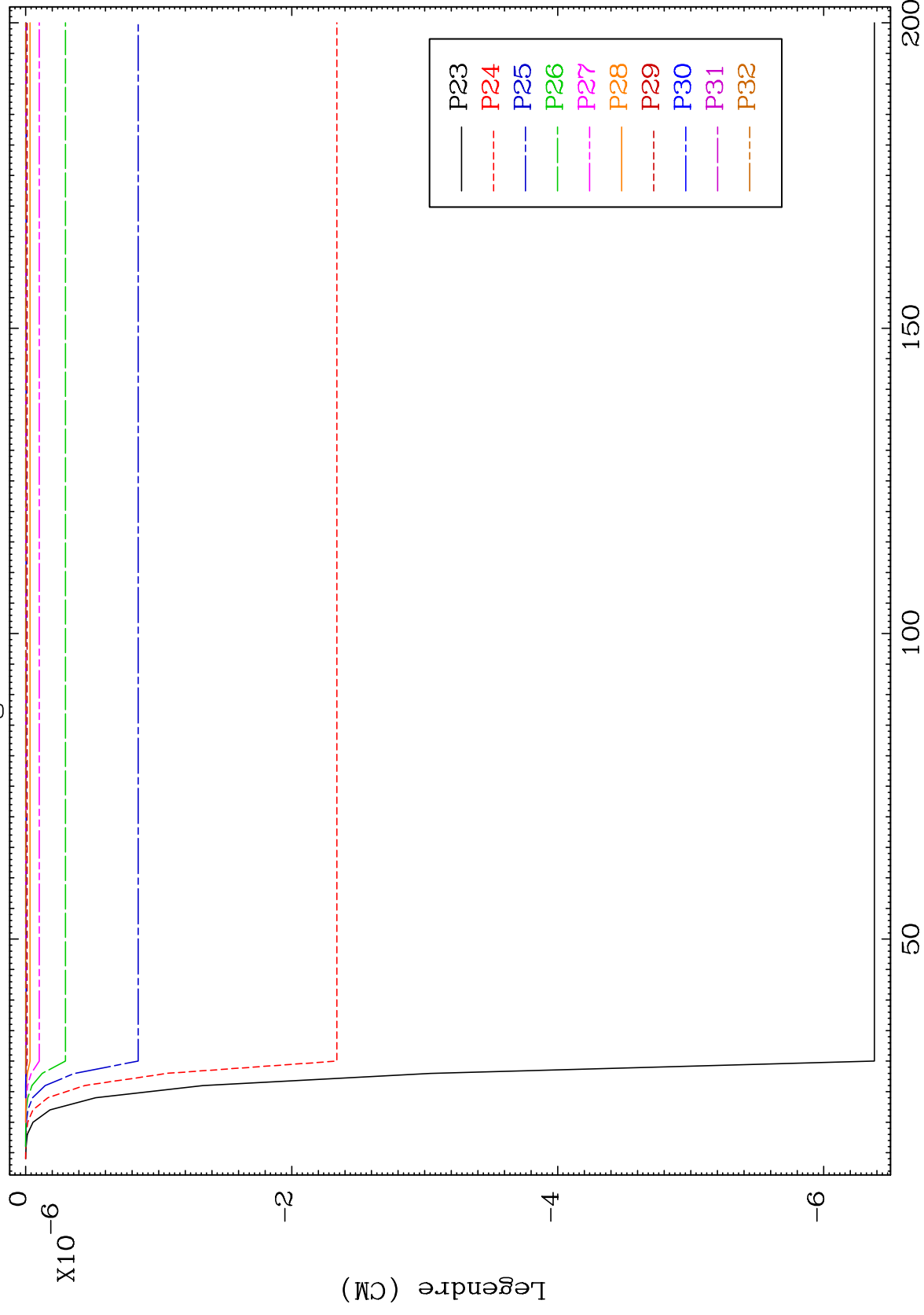
23-V -53



MAT 2334

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

23-V -53



23-V -53

Incident Energy (MeV)

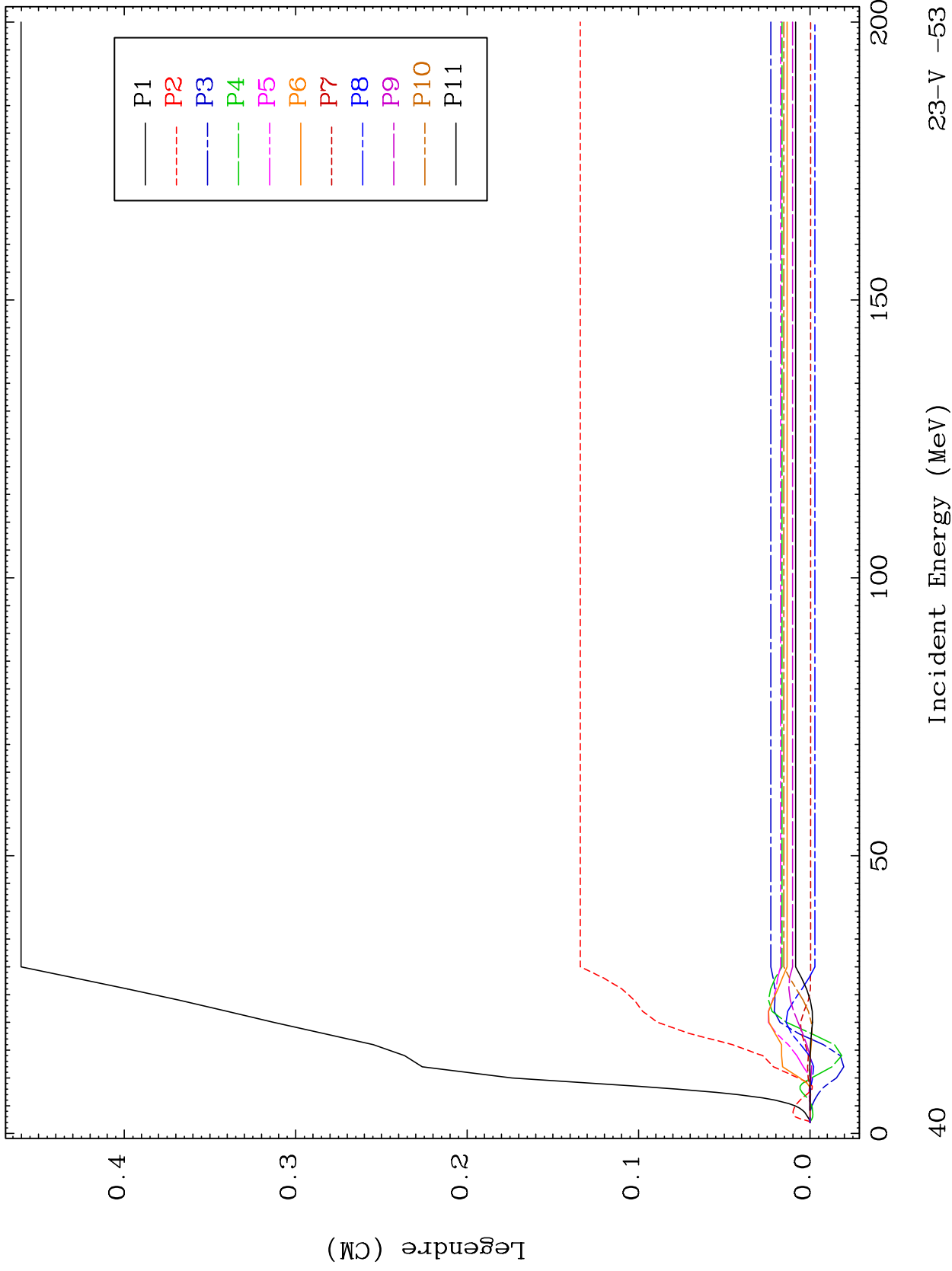
39



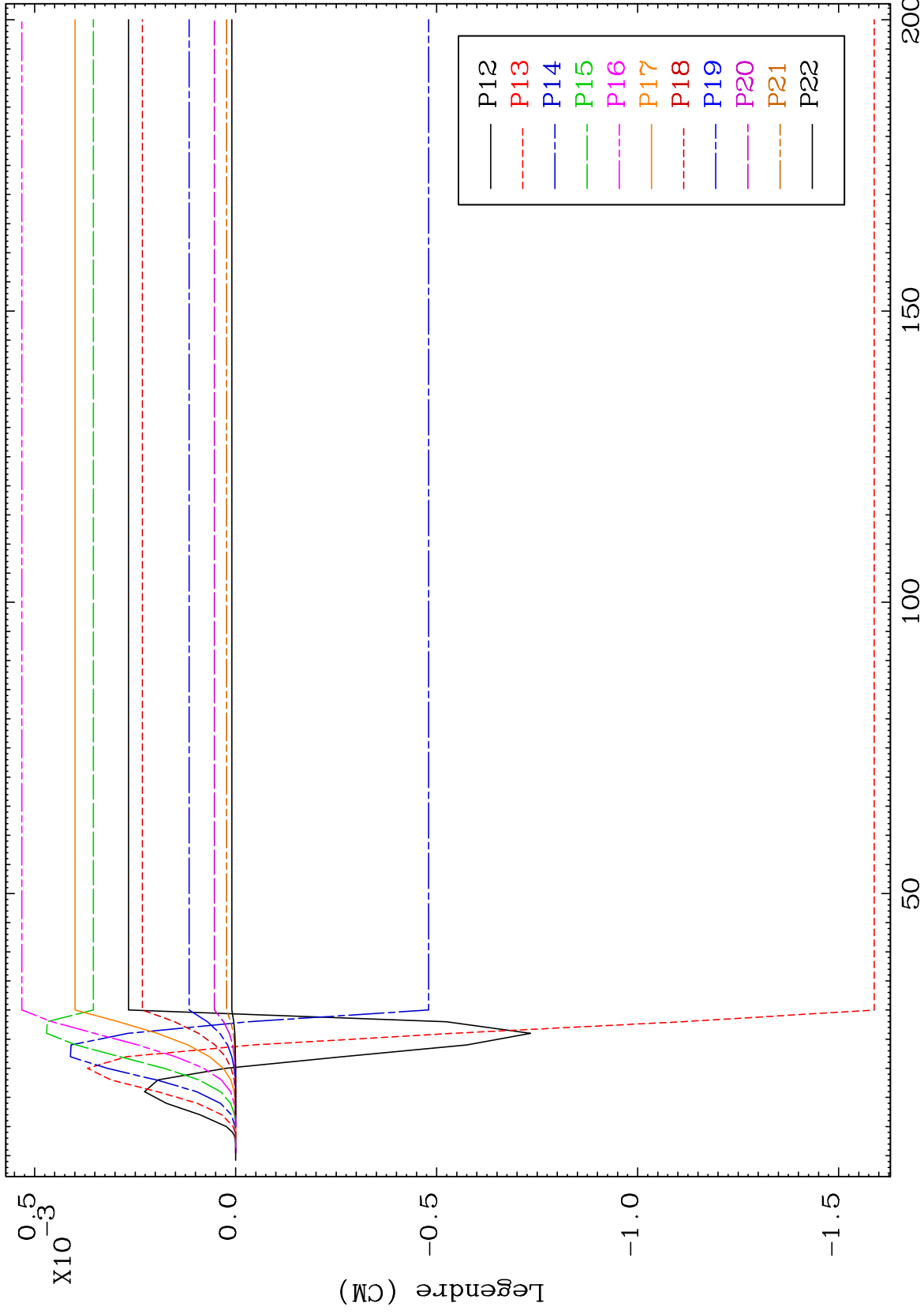
MAT 2334

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

23-V -53



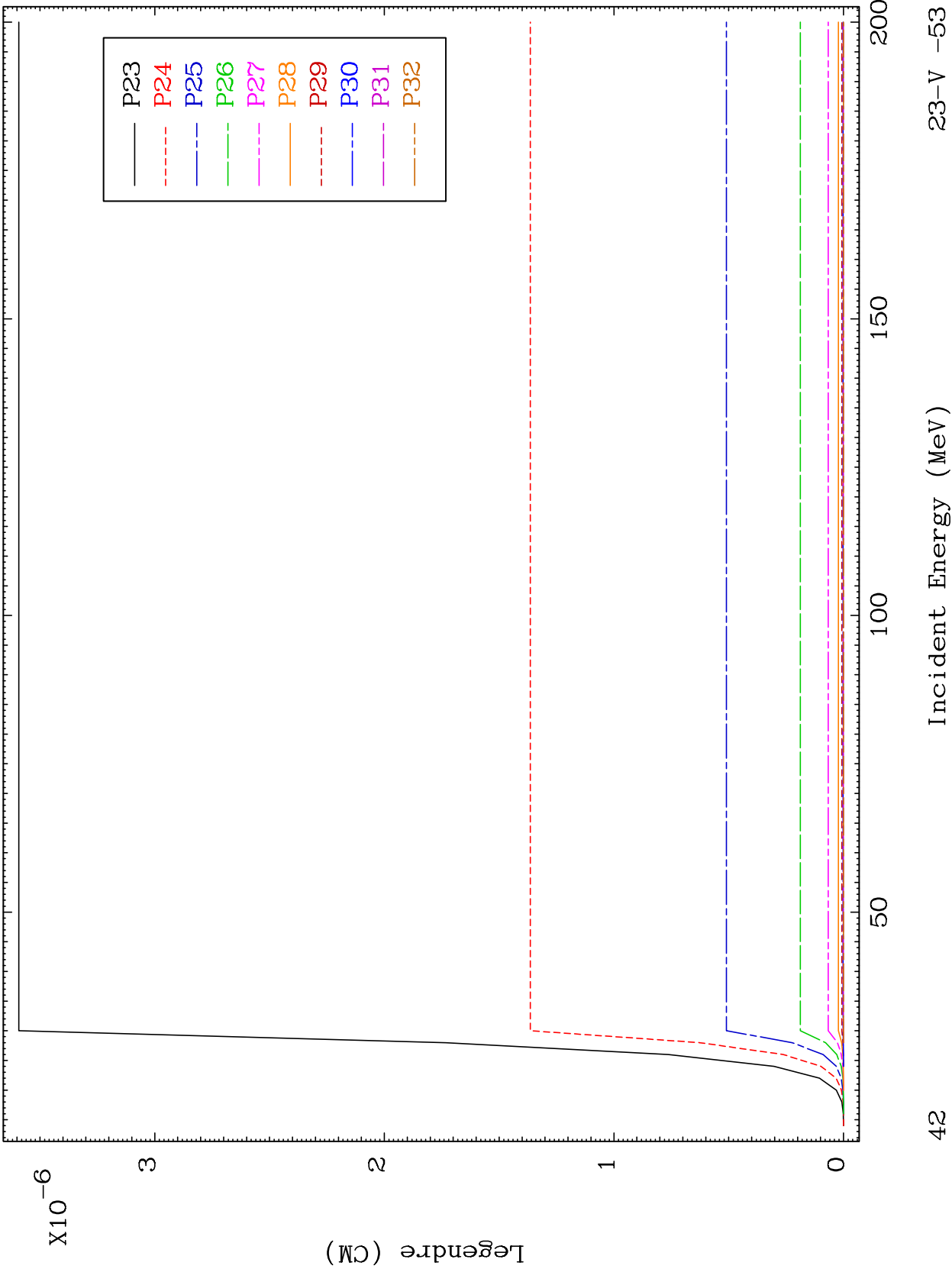
23-V -53



MAT 2334

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

23-V -53



42

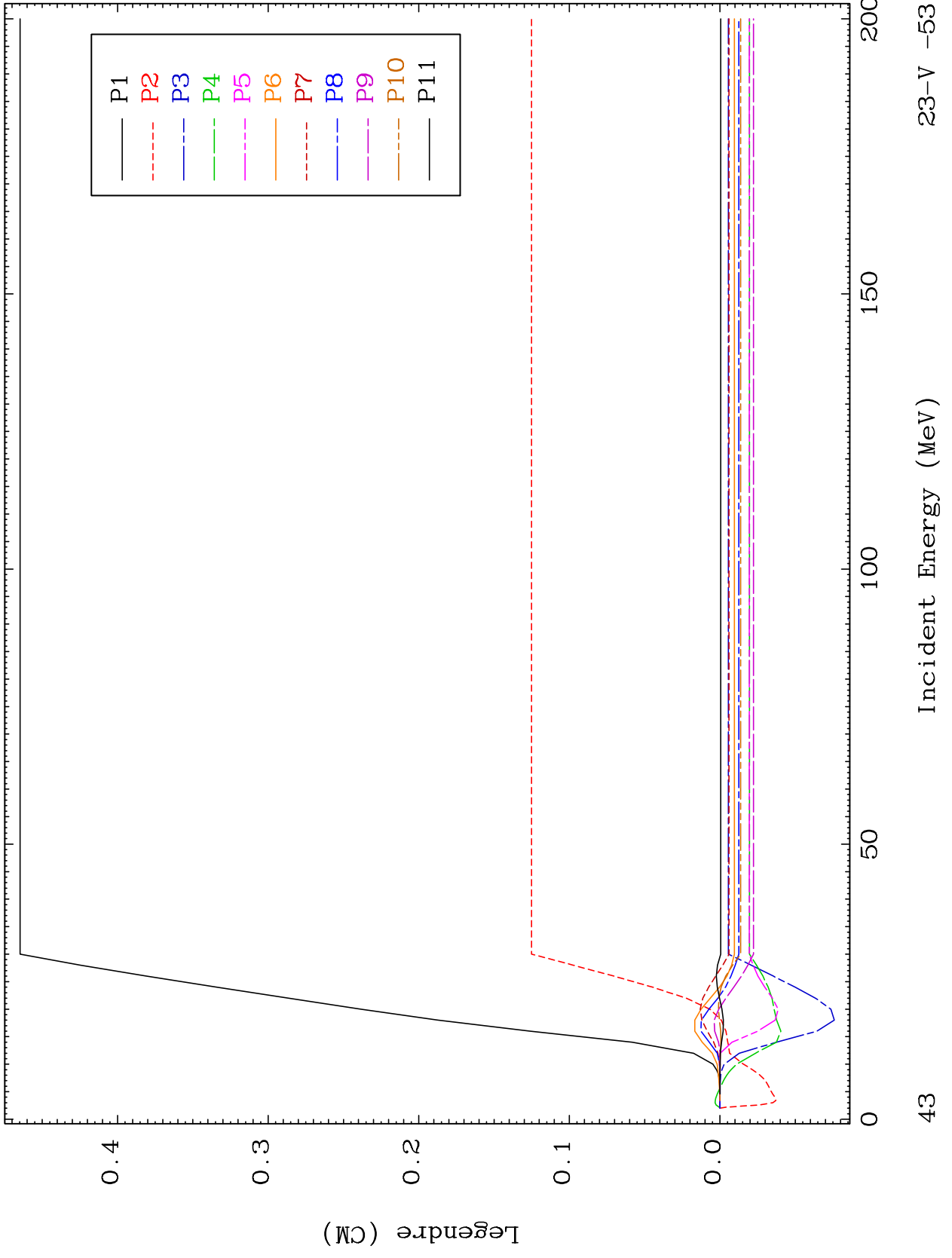
Incident Energy (MeV)

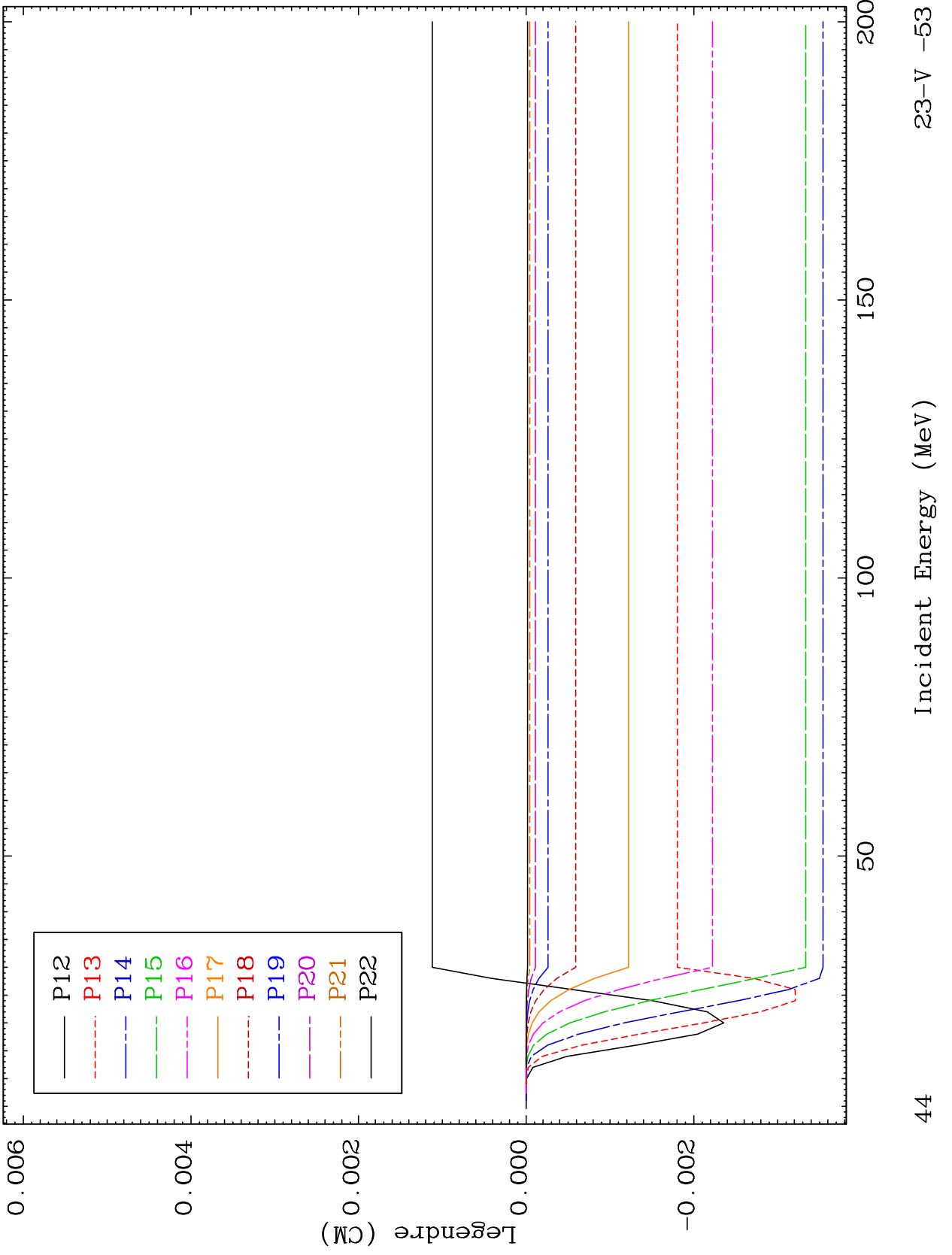
23-V -53

MAT 2334

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

23-V -53



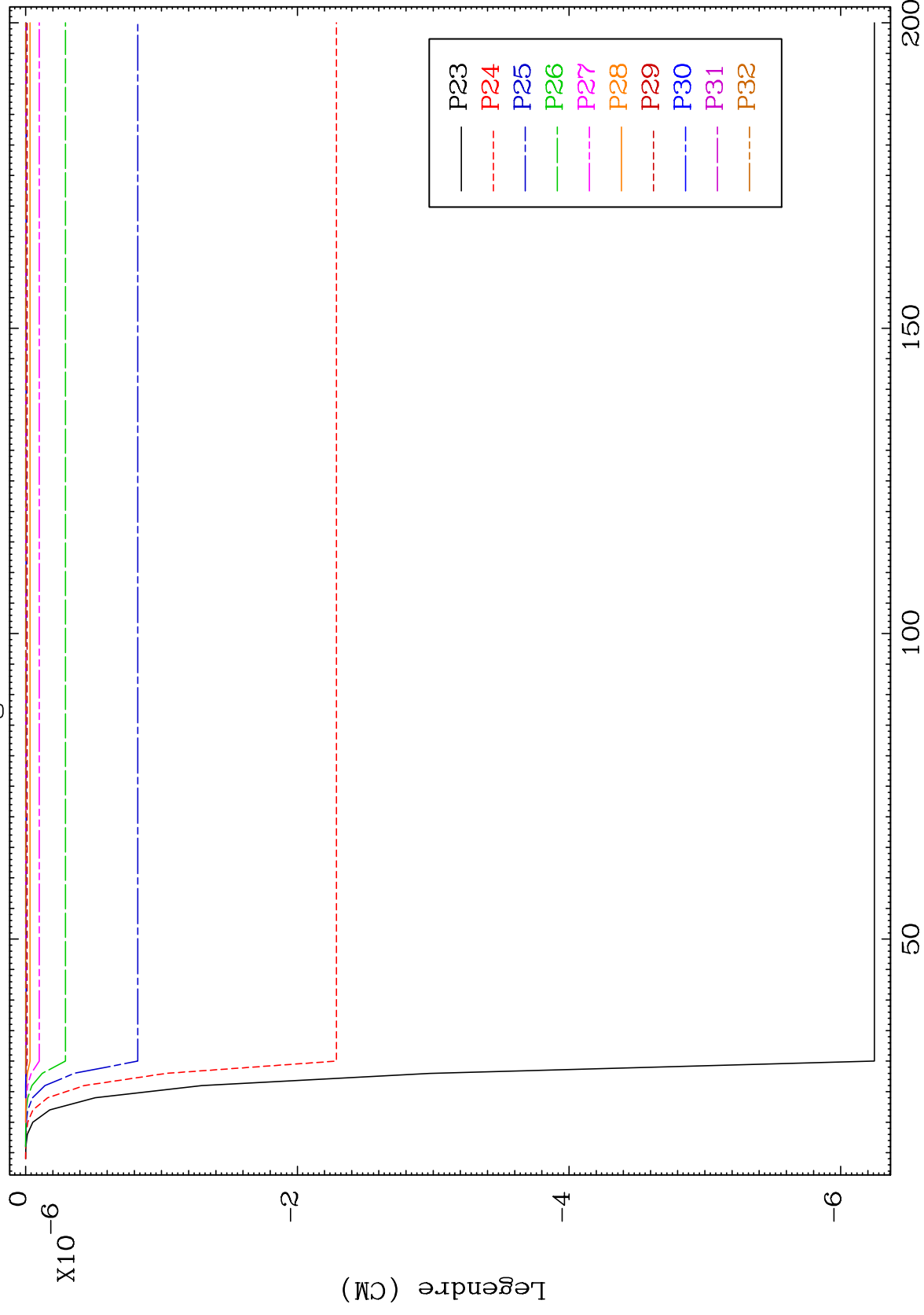


MAT 2334

MT= 59 (n,n') Level

23-V -53

Legendre Coefficients



23-V -53

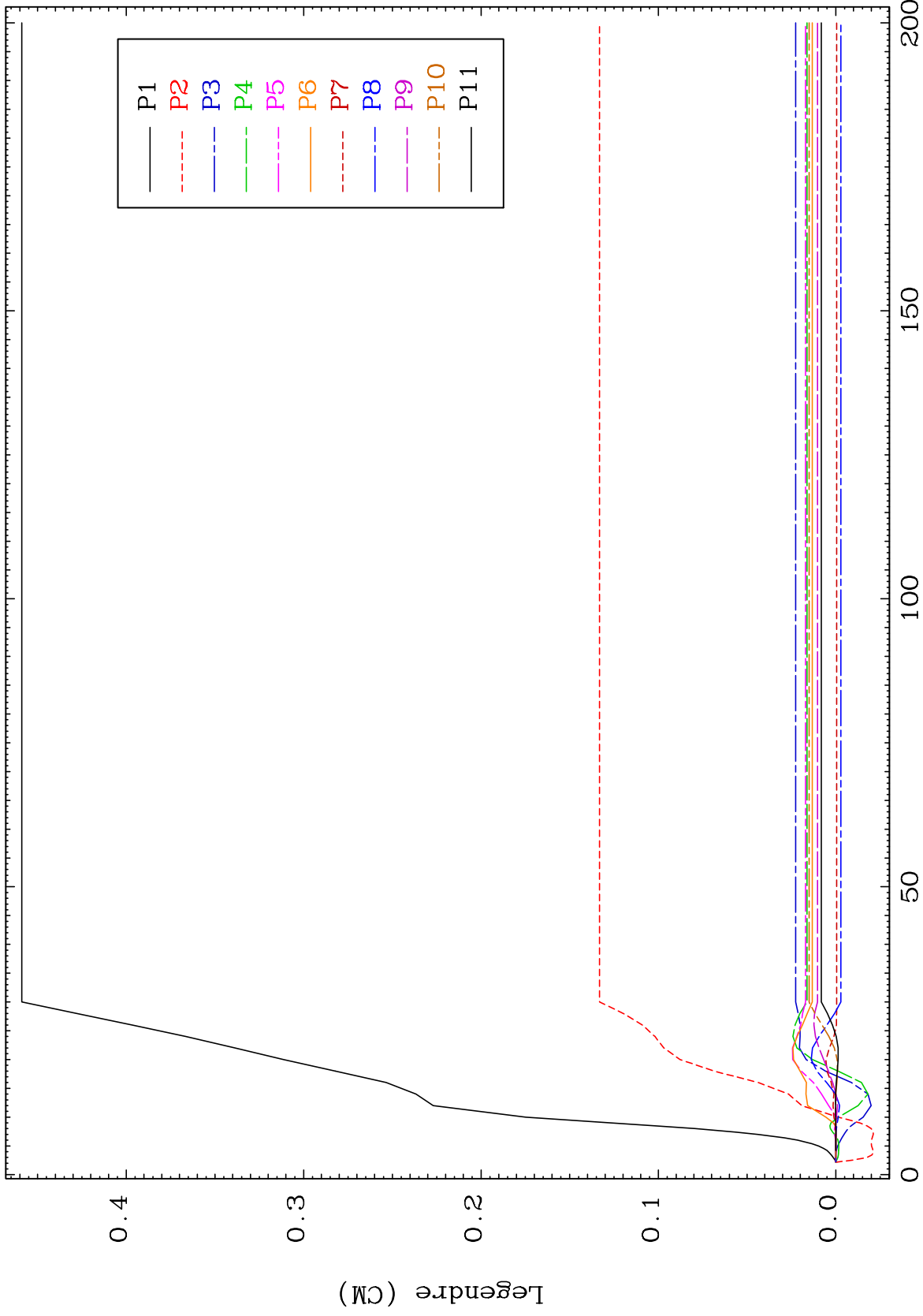
Incident Energy (MeV)

45

MAT 2334

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

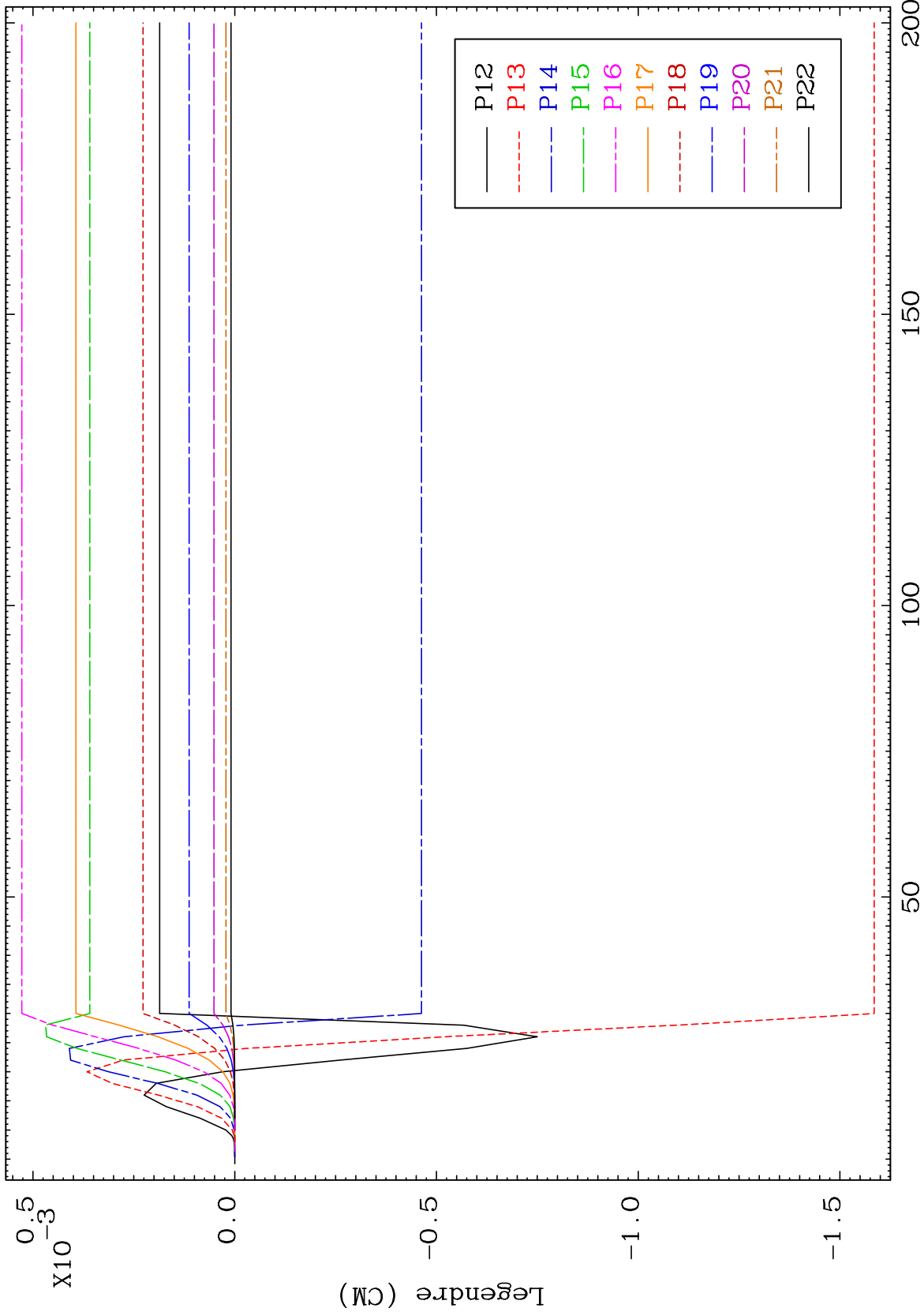
23-V -53



46

Incident Energy (MeV)

23-V -53

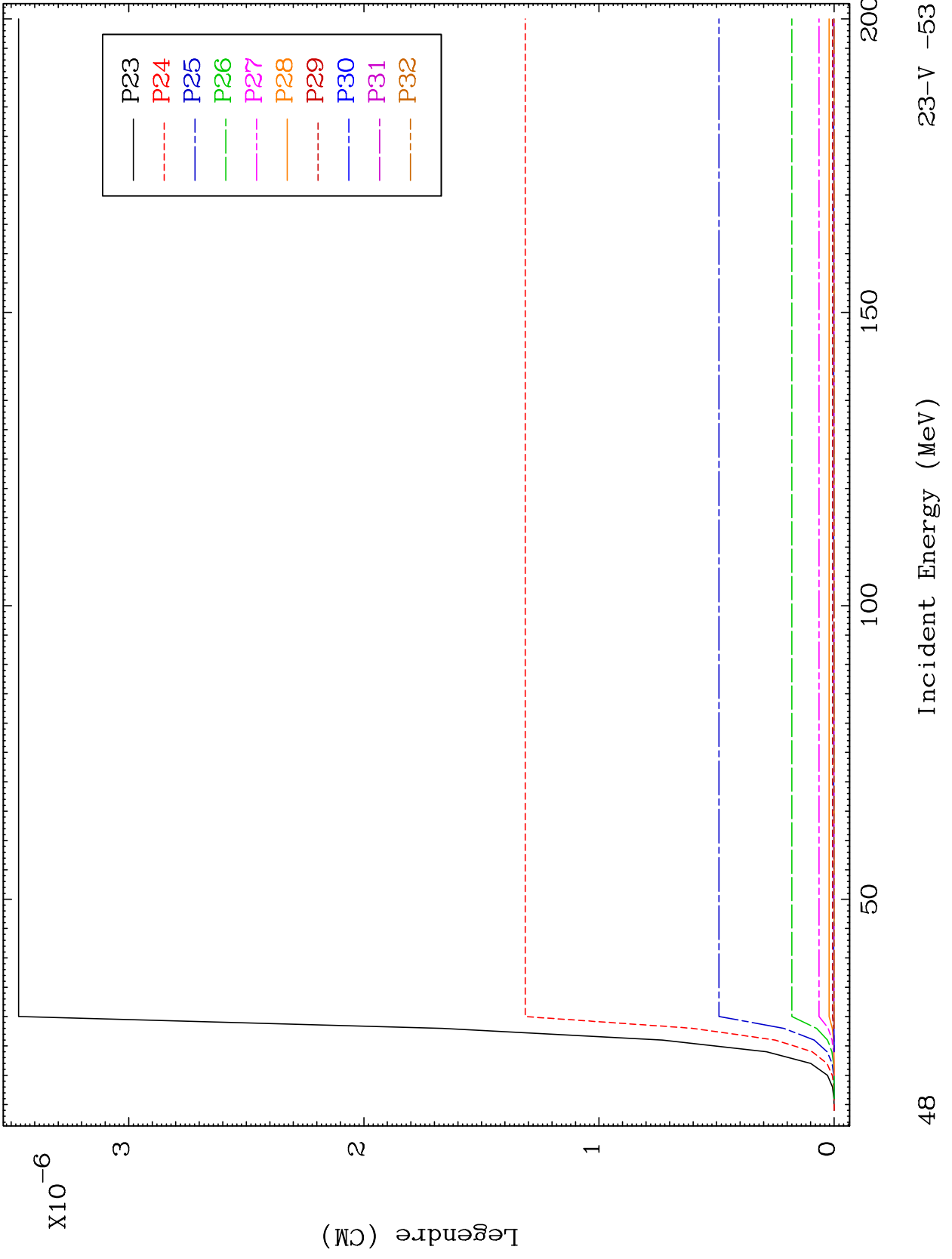


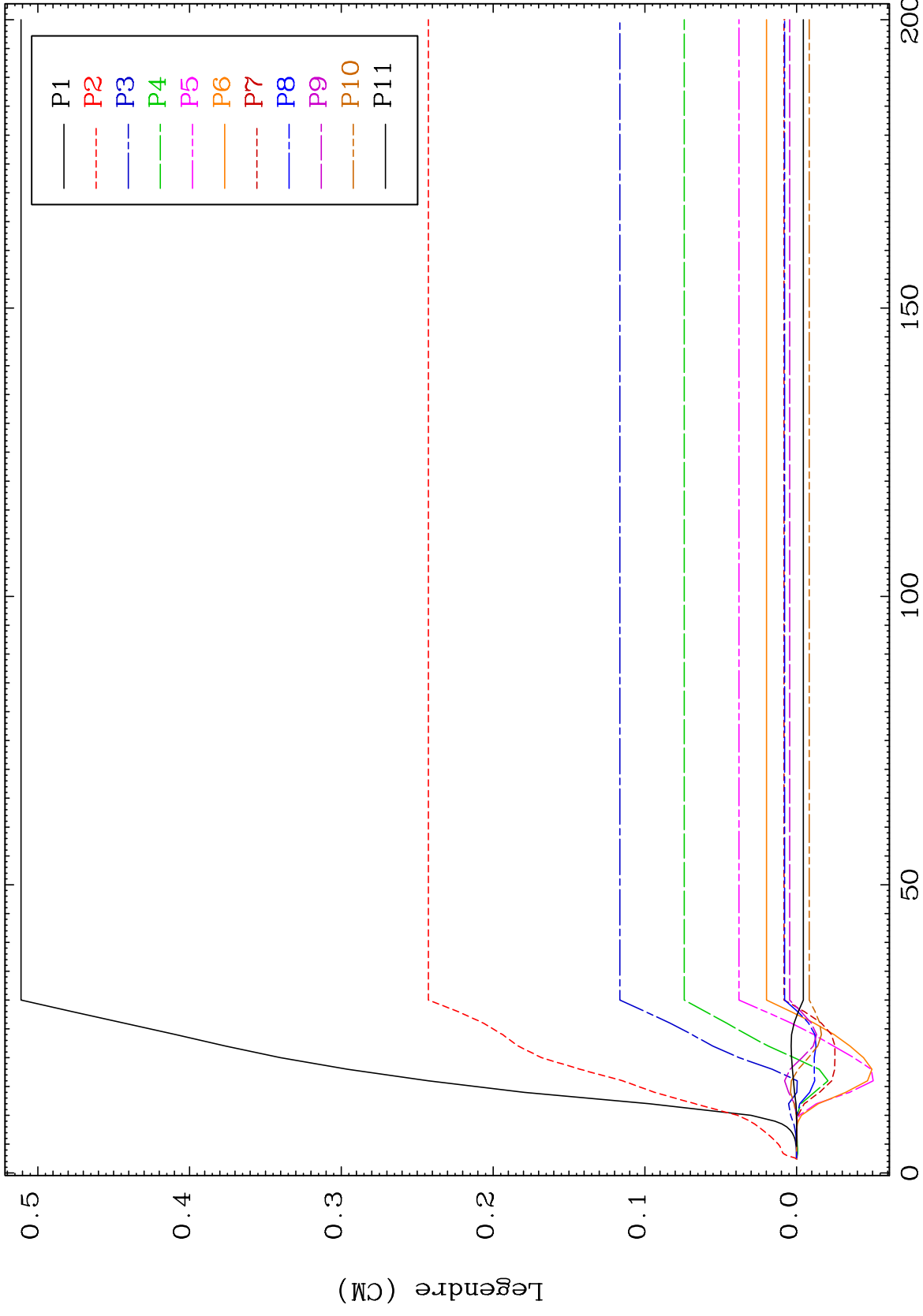


MAT 2334

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

23-V -53

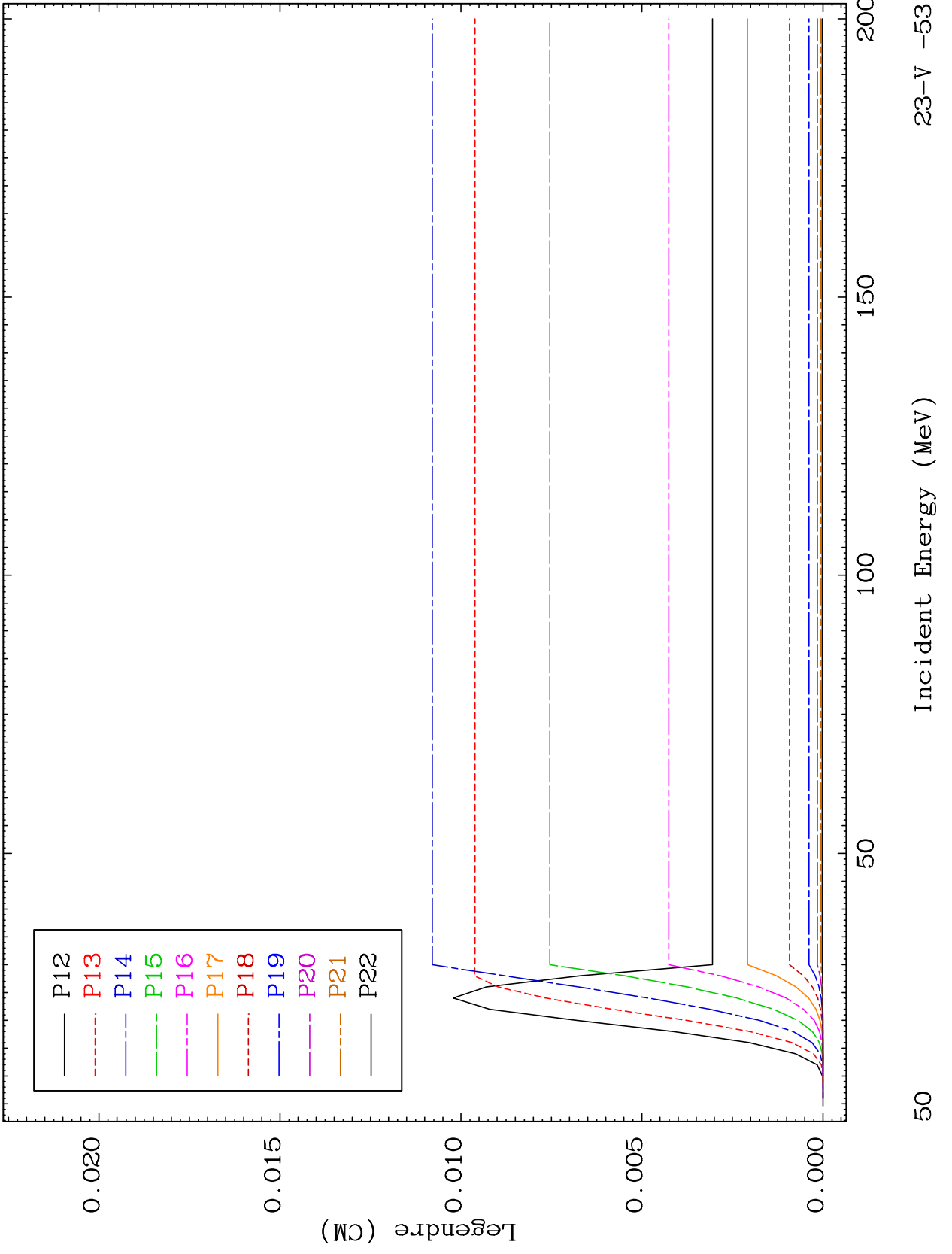




MAT 2334

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

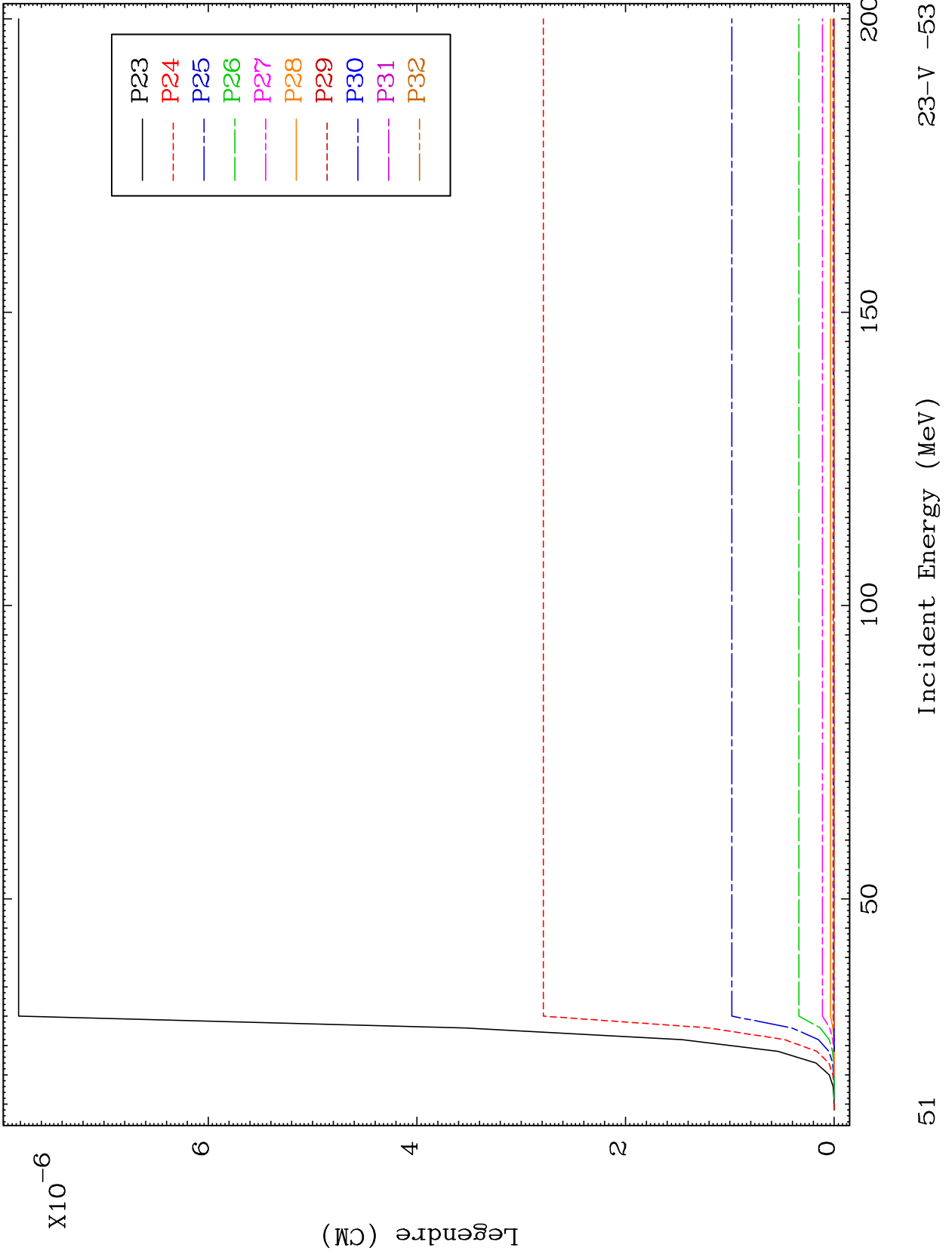
23-V -53



MAT 2334

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

23-V -53



51

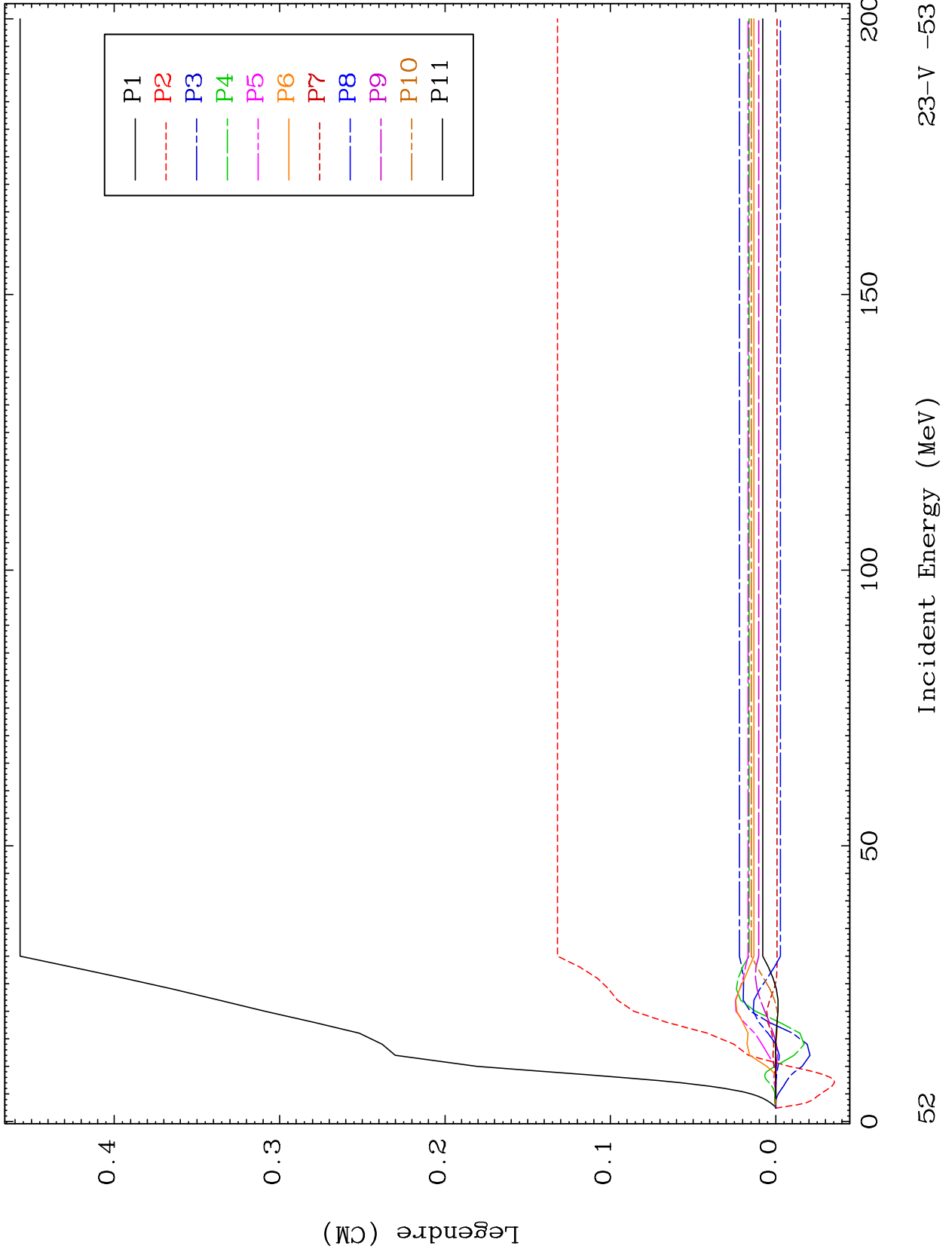
Incident Energy (MeV)

23-V -53

MAT 2334

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

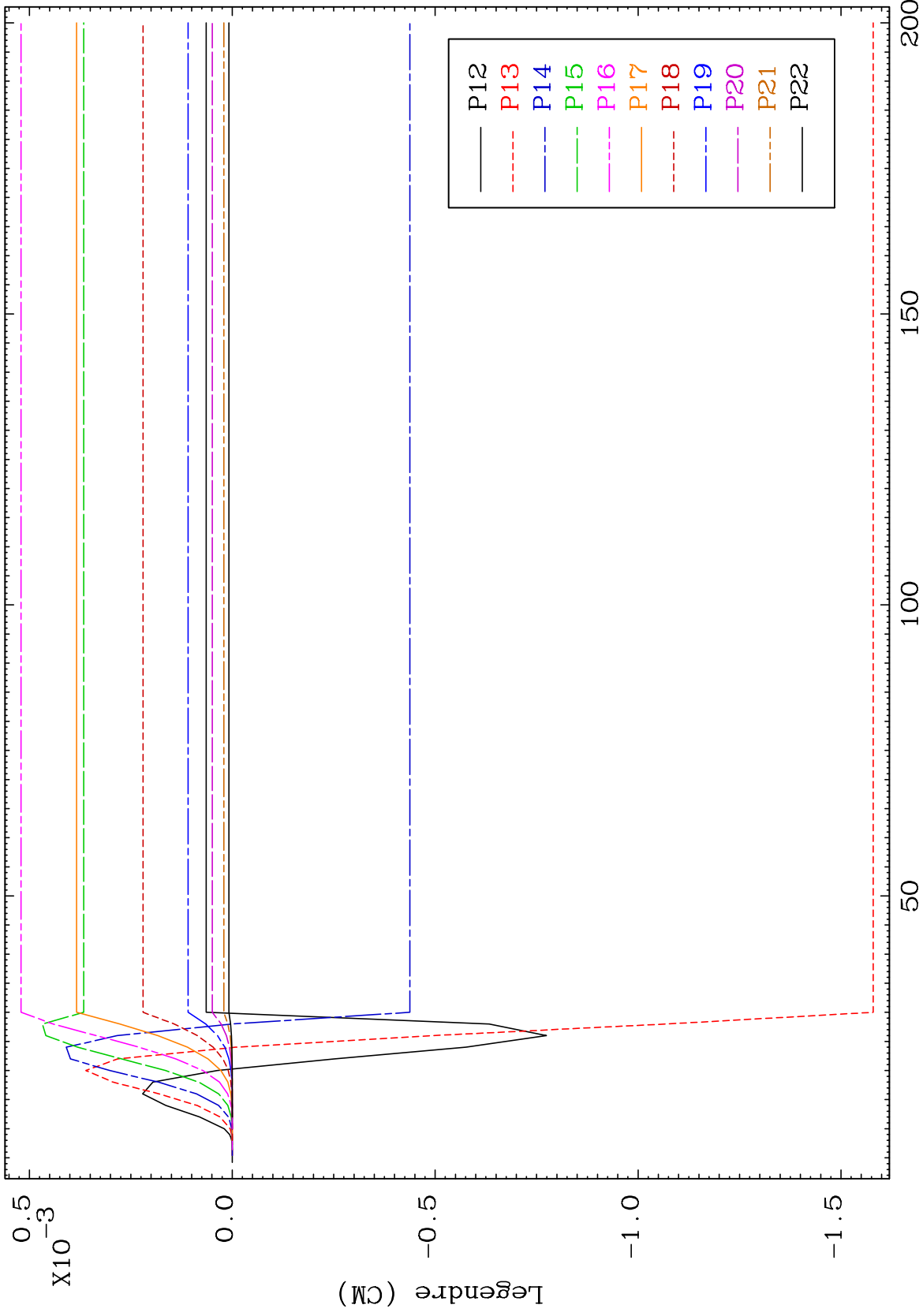
23-V -53

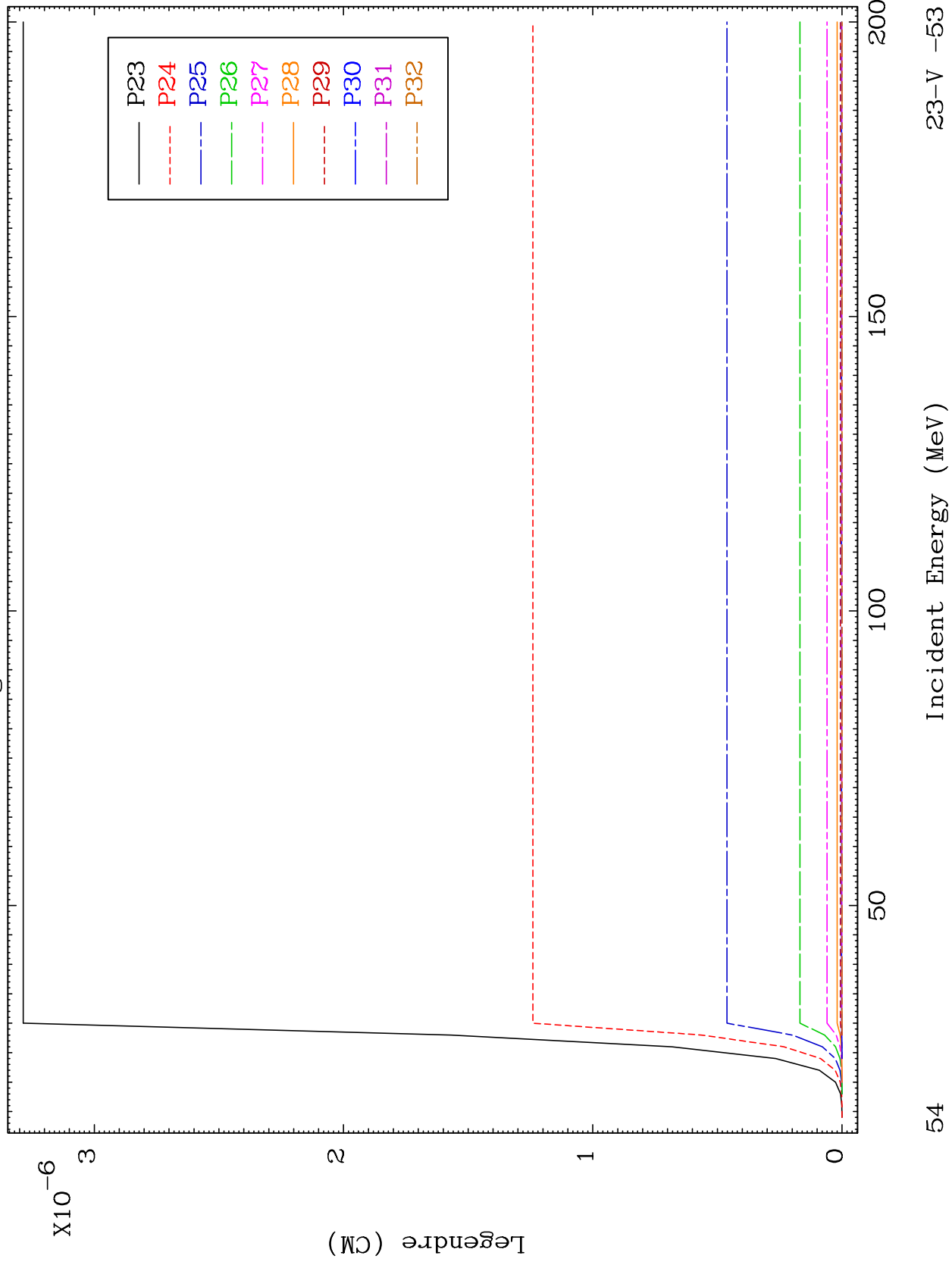


52

Incident Energy (MeV)

23-V -53

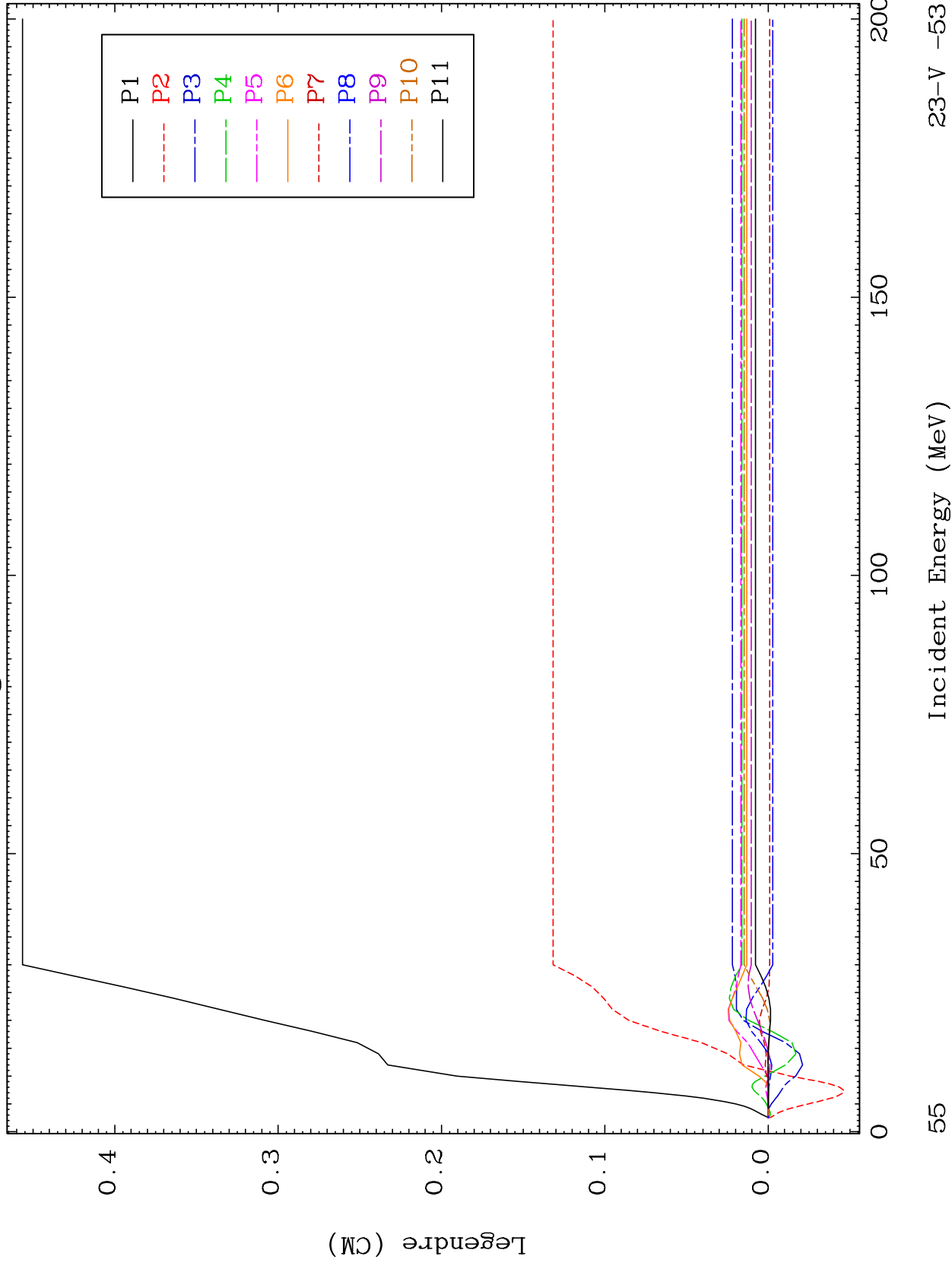




MAT 2334

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

23-V -53

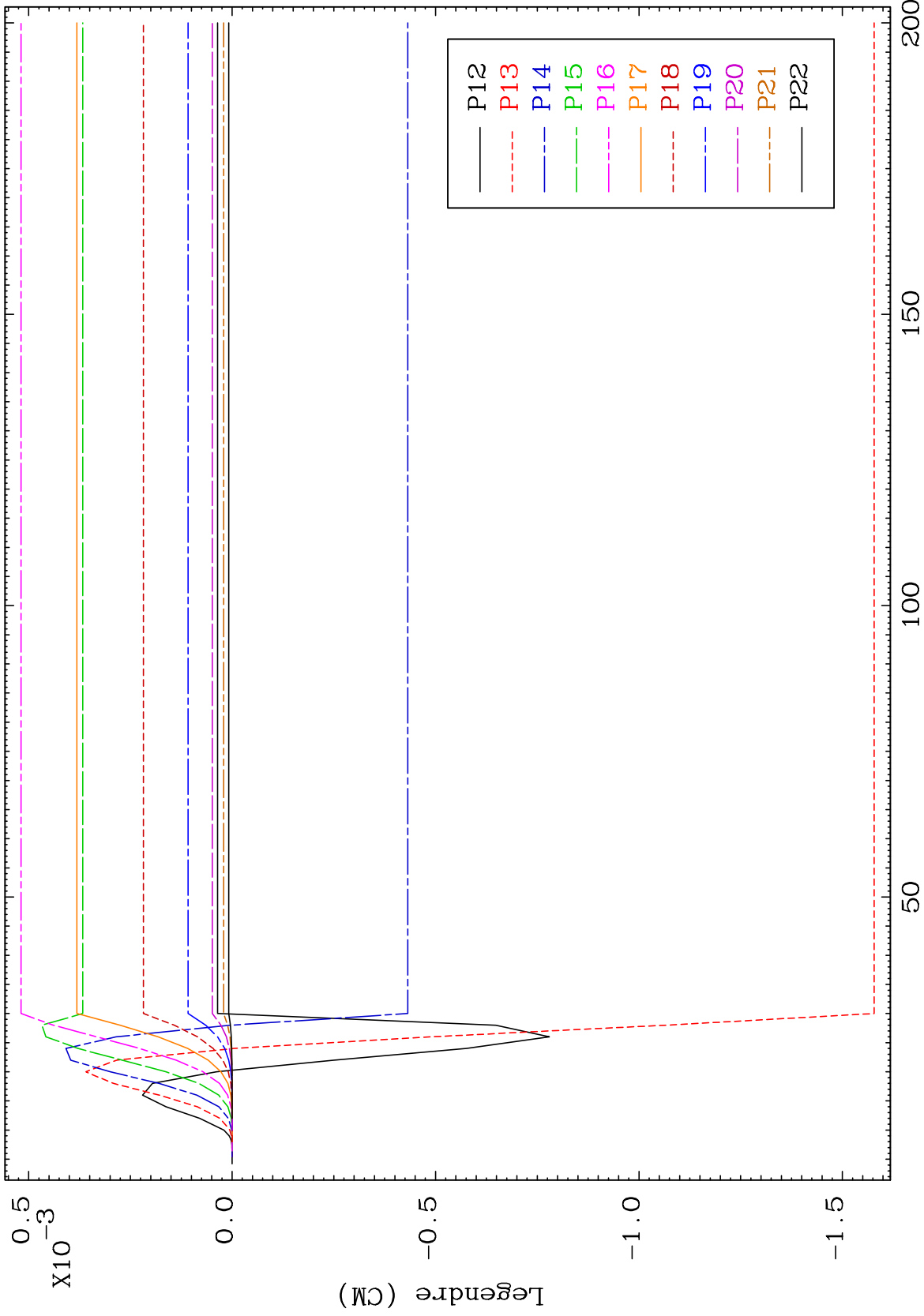


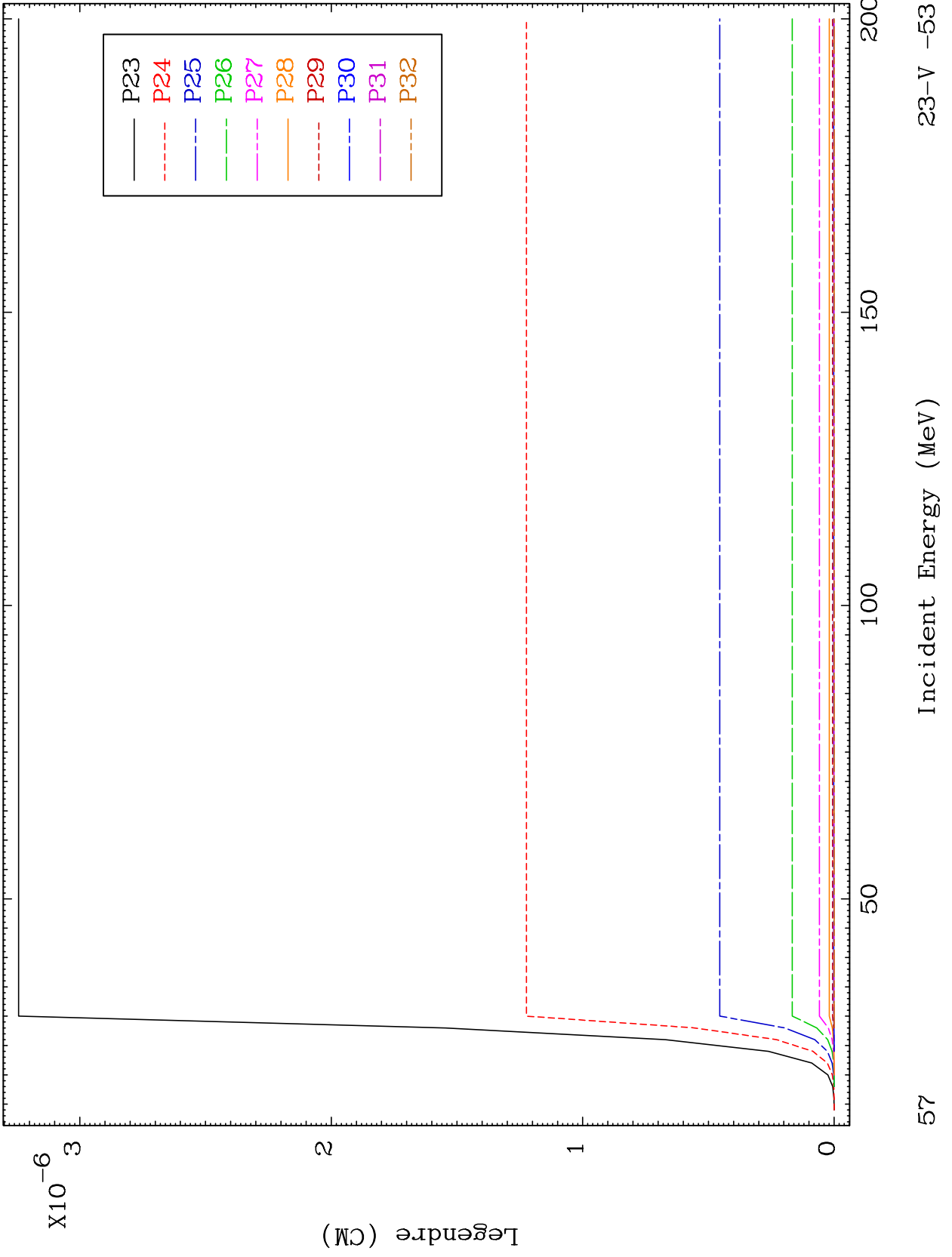
23-V -53

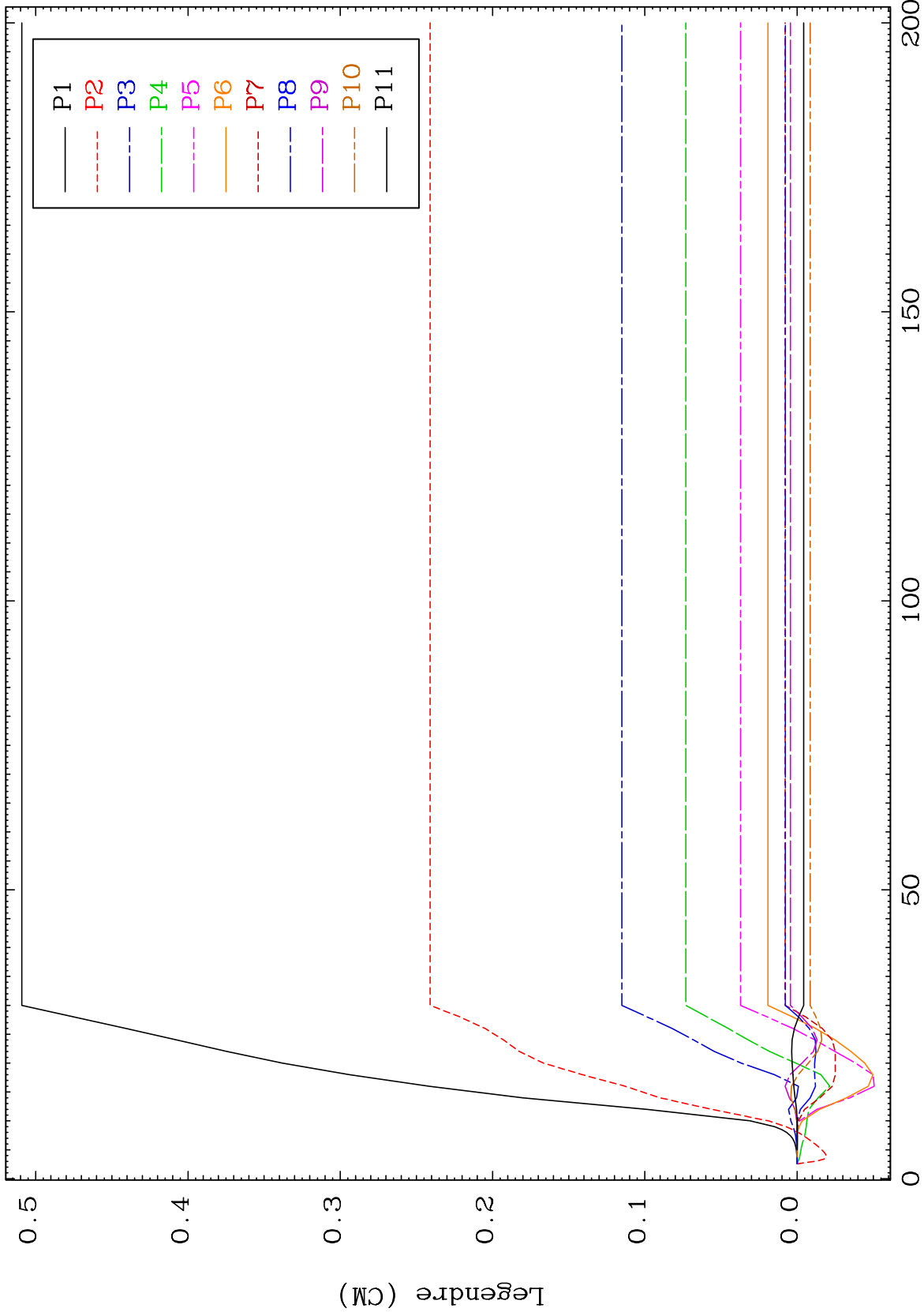
Incident Energy (MeV)

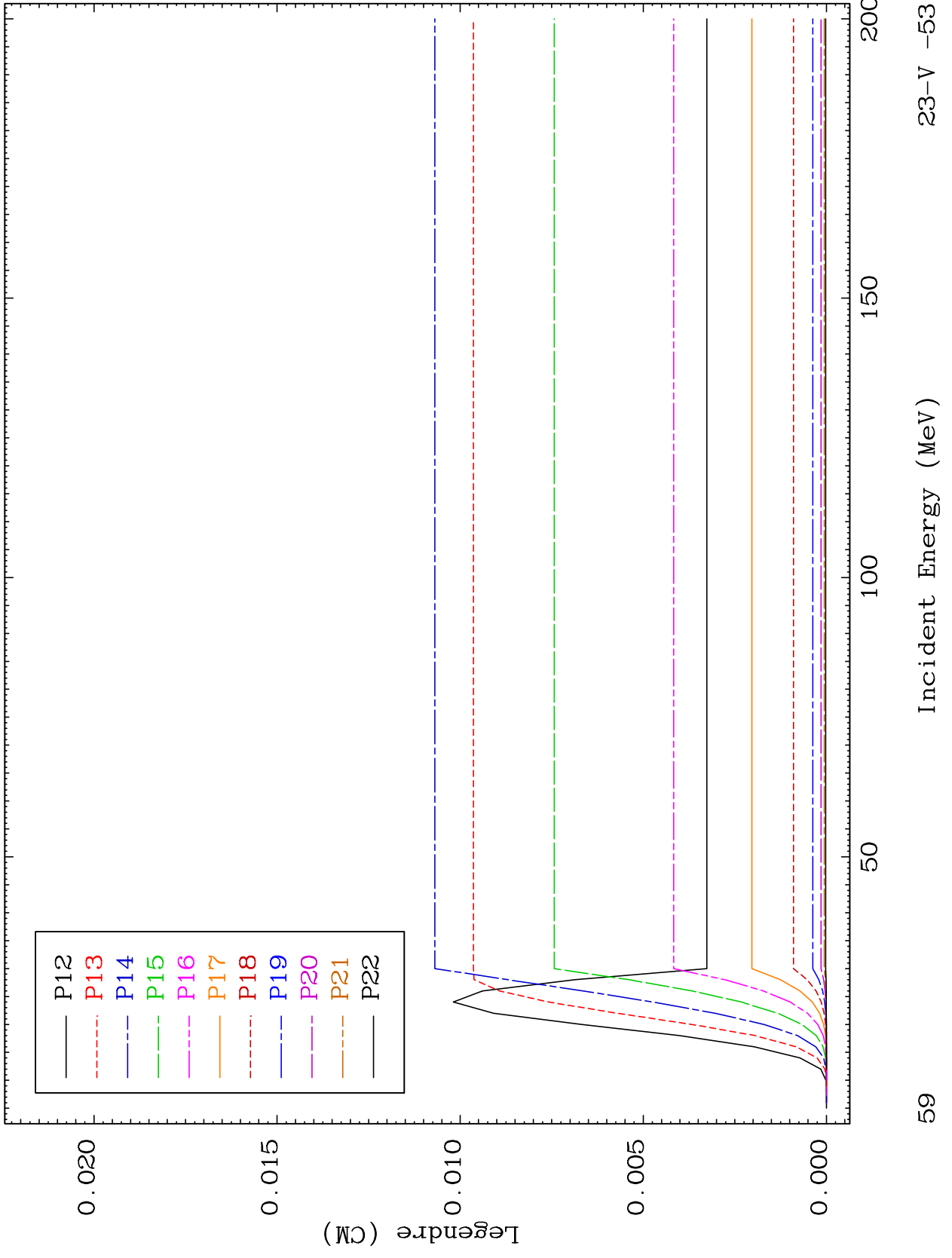
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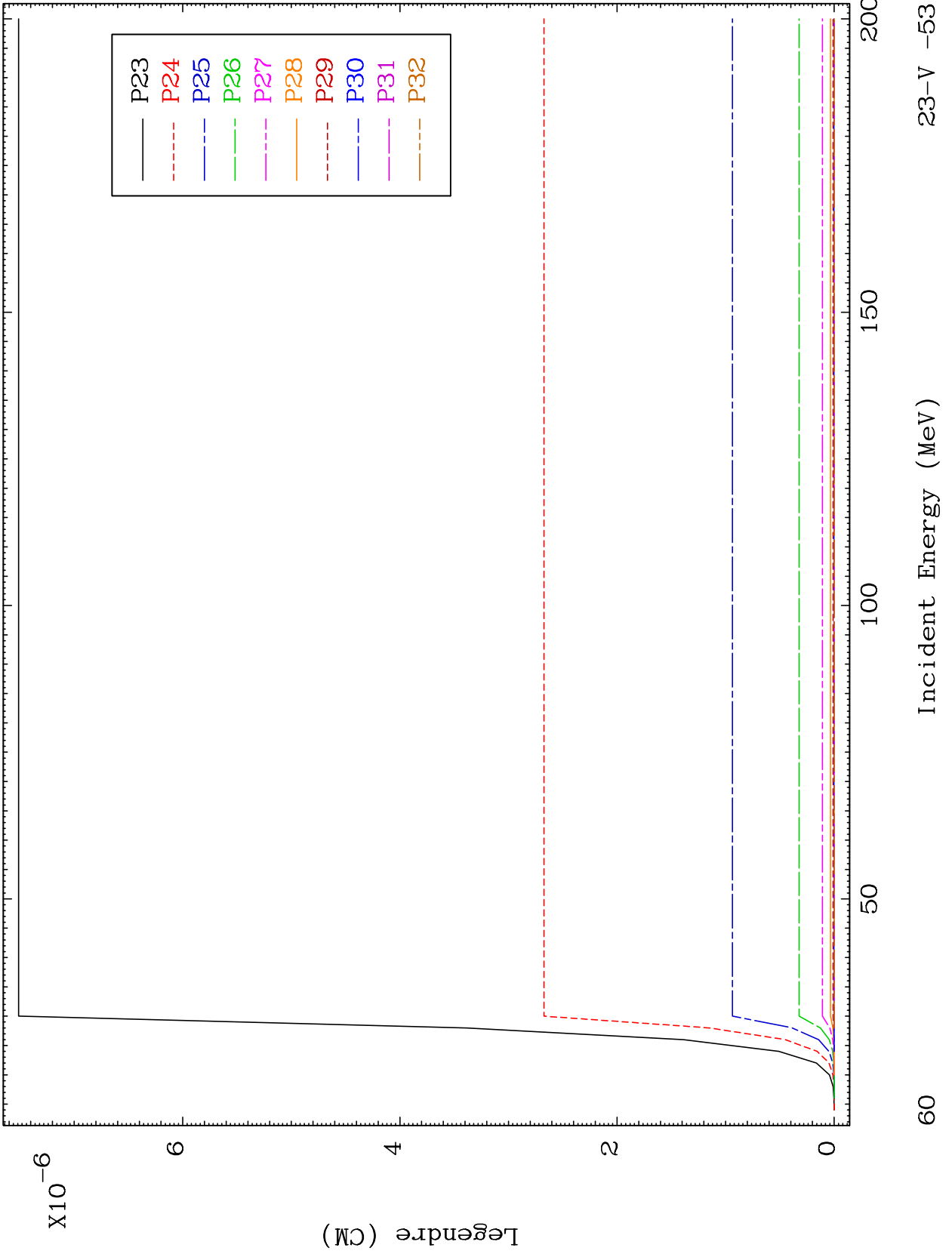




MAT 2334

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

23-V -53



60

50

100

150

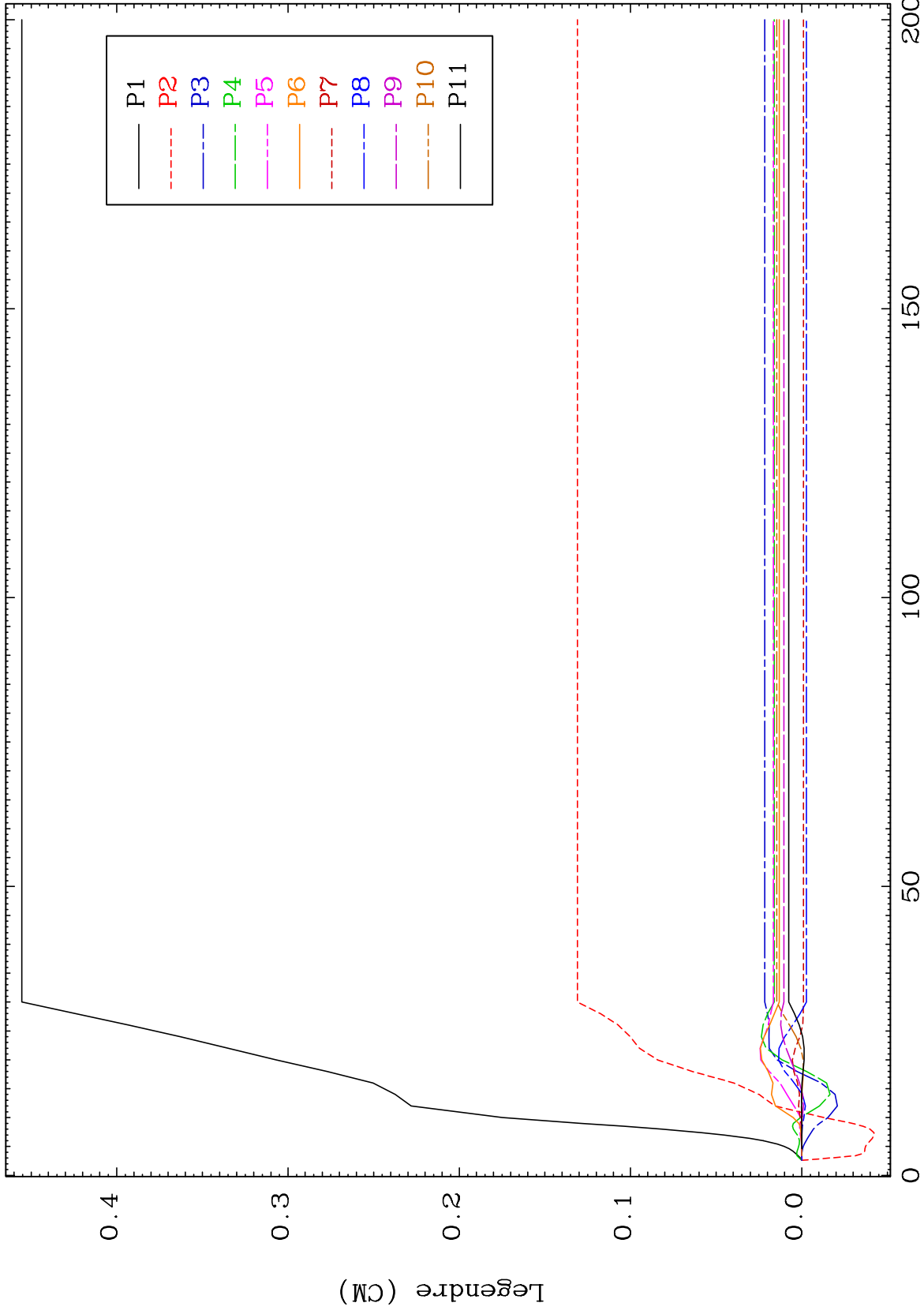
200

23-V -53

MAT 2334

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

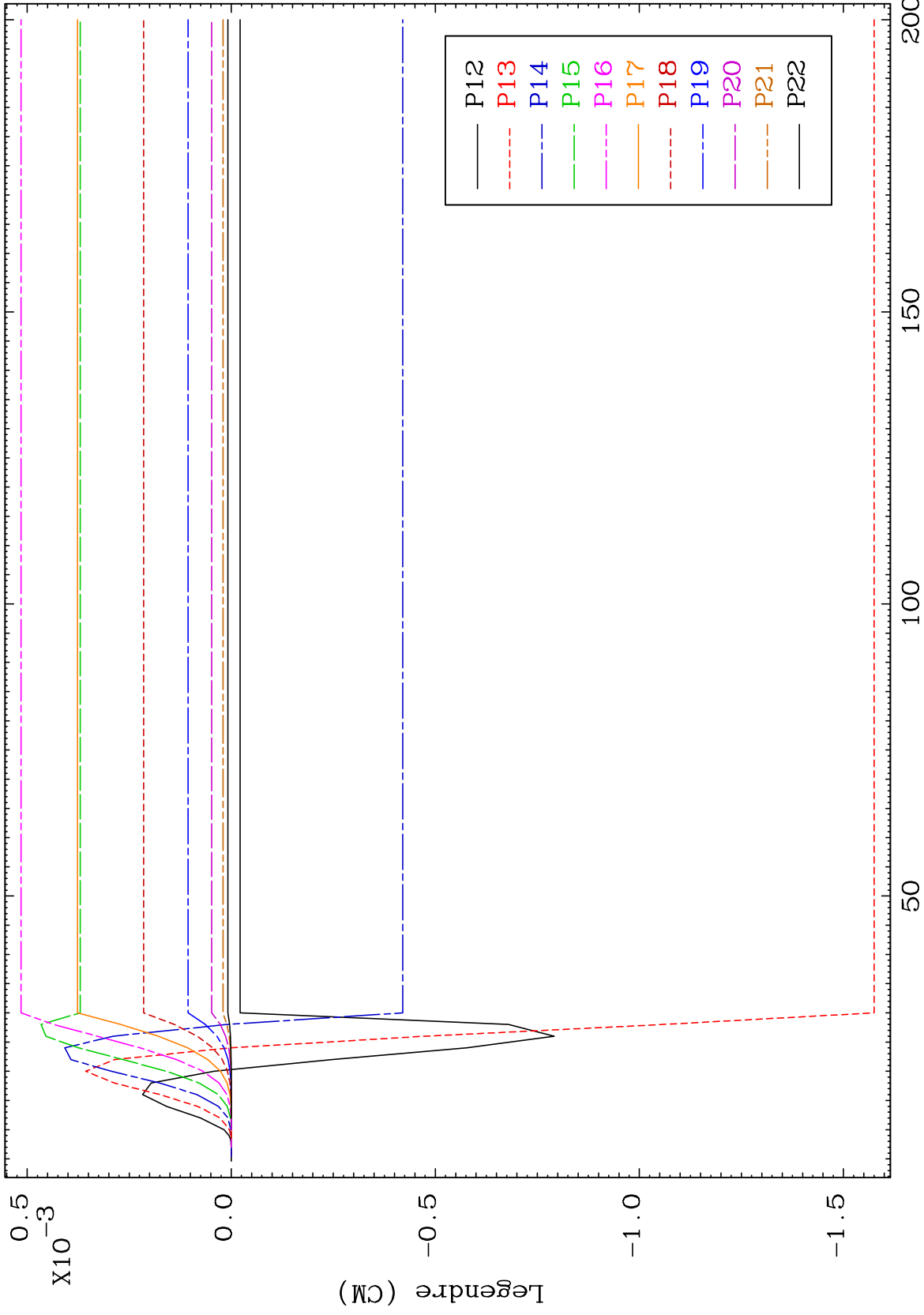
23-V -53



61

Incident Energy (MeV)

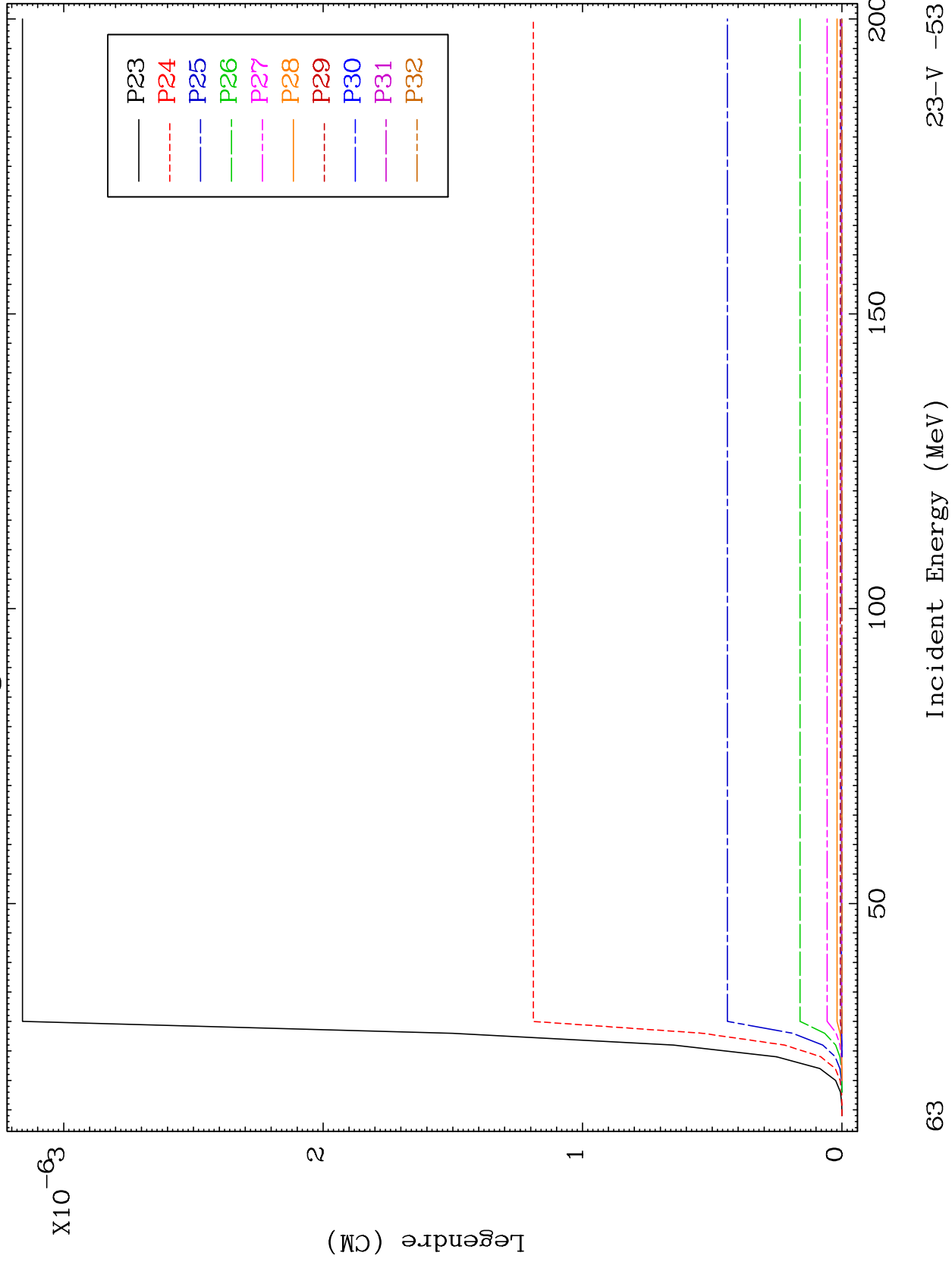
23-V -53



MAT 2334

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

23-V -53

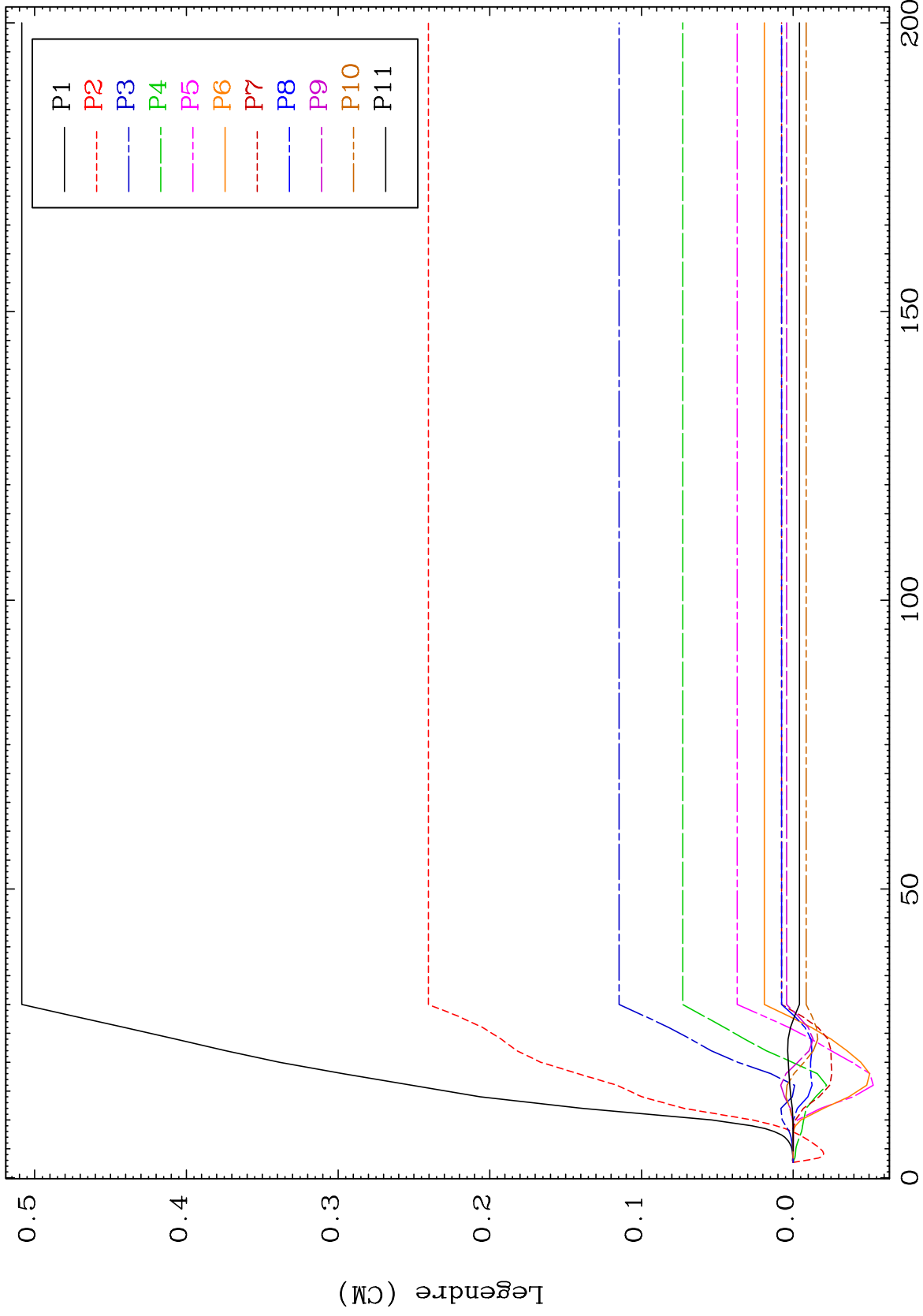




MAT 2334

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

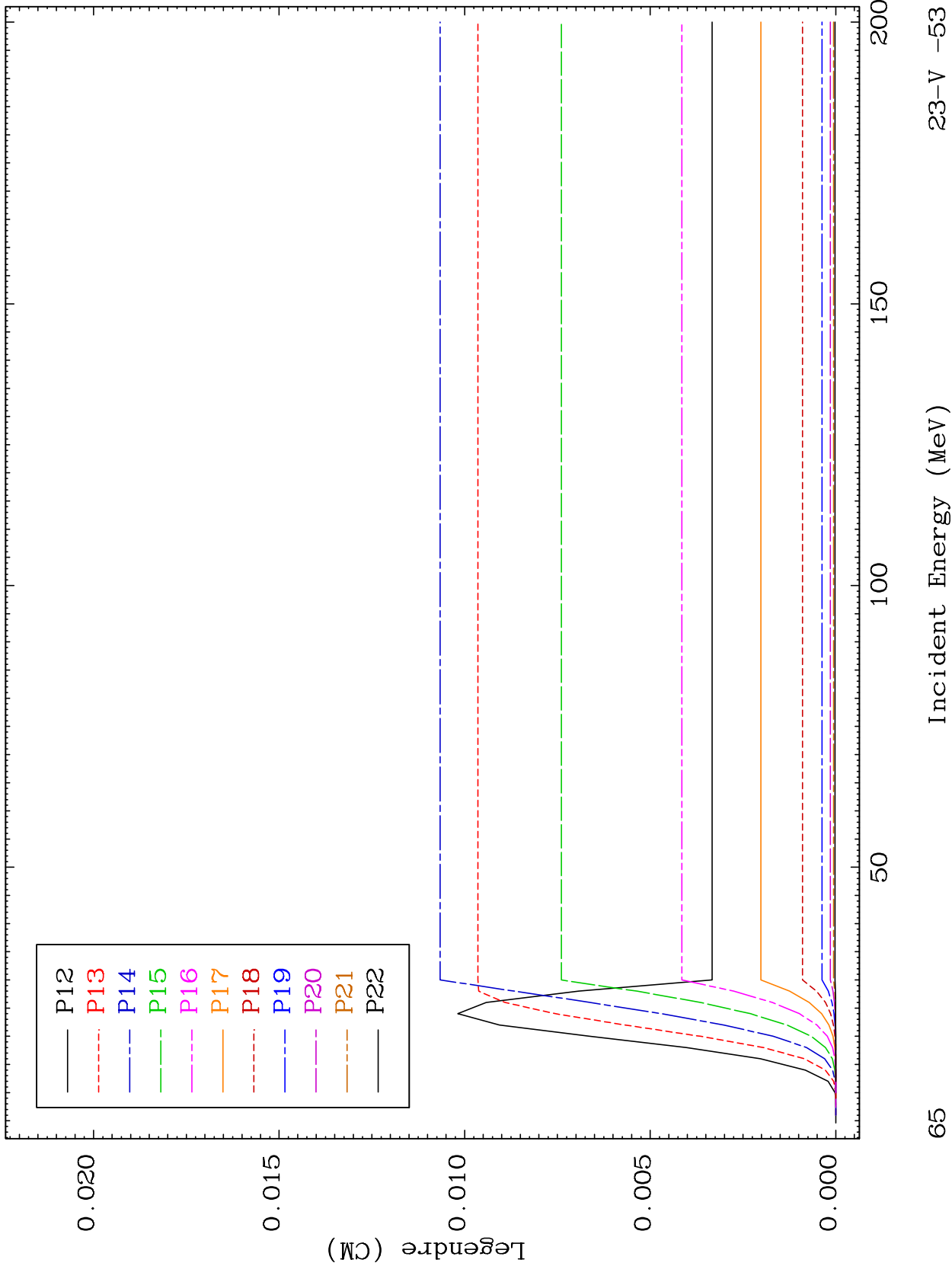
23-V -53



64

Incident Energy (MeV)

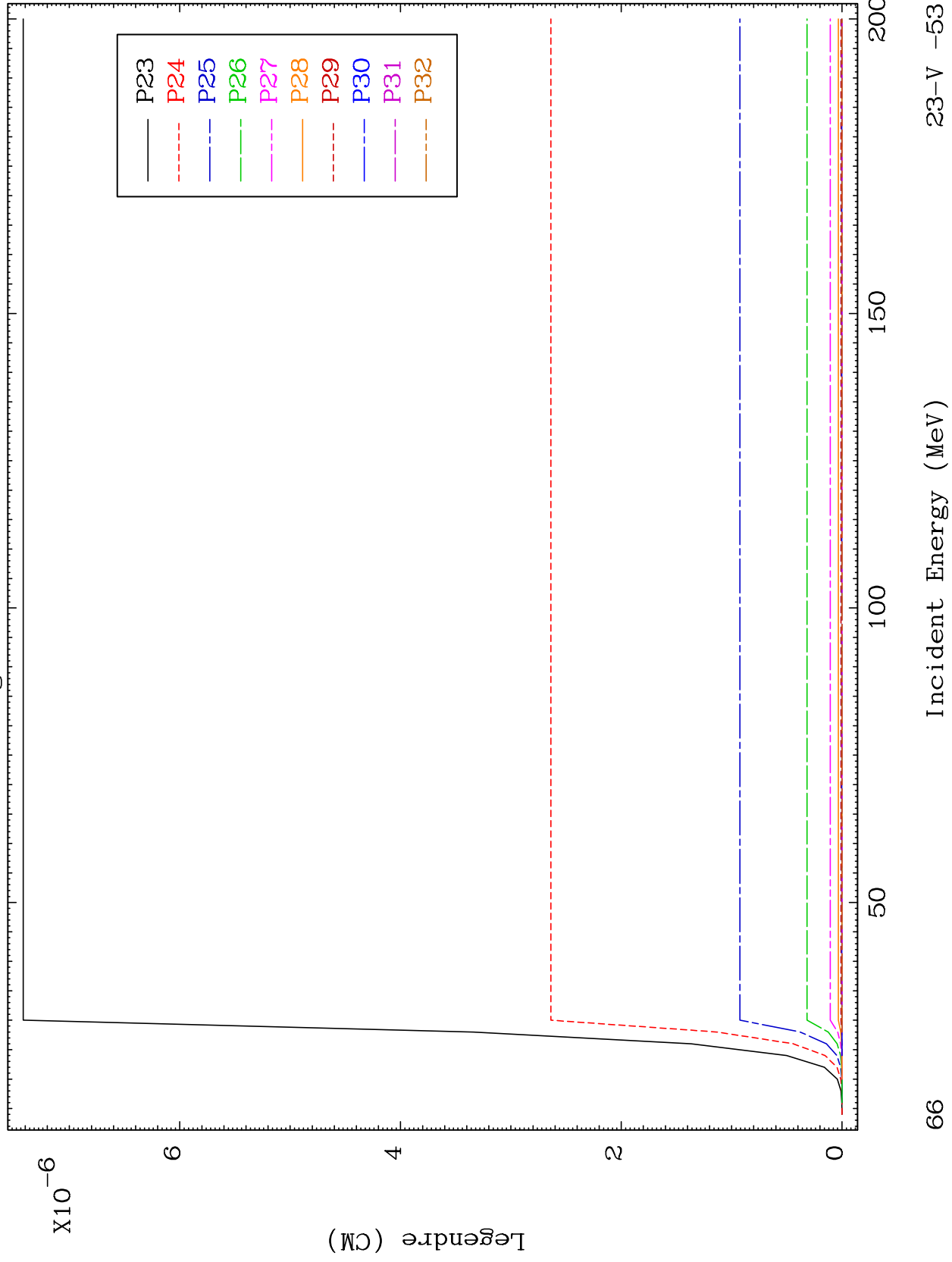
23-V -53



MAT 2334

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

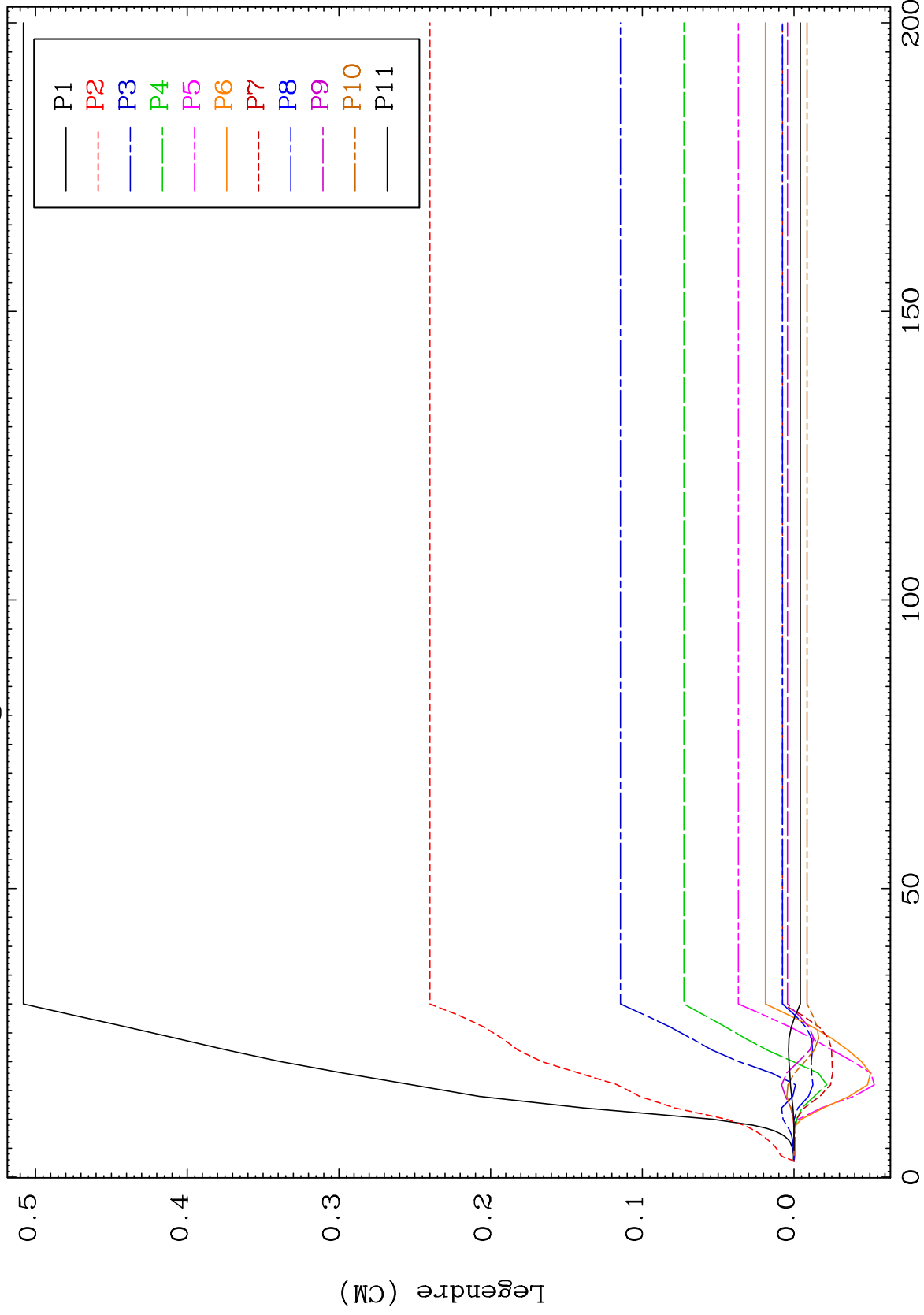
23-V -53



MAT 2334

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

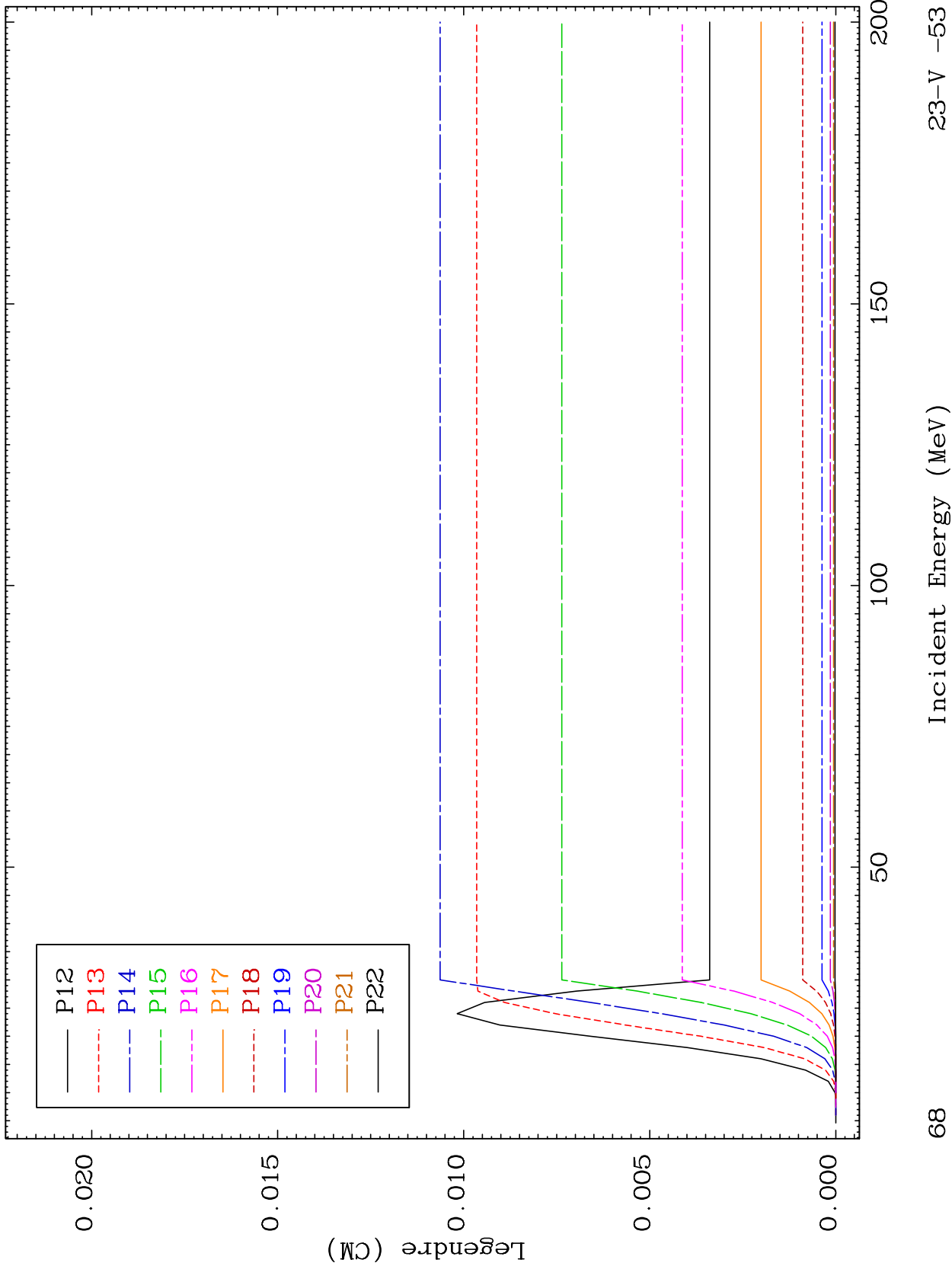
23-V -53



67

Incident Energy (MeV)

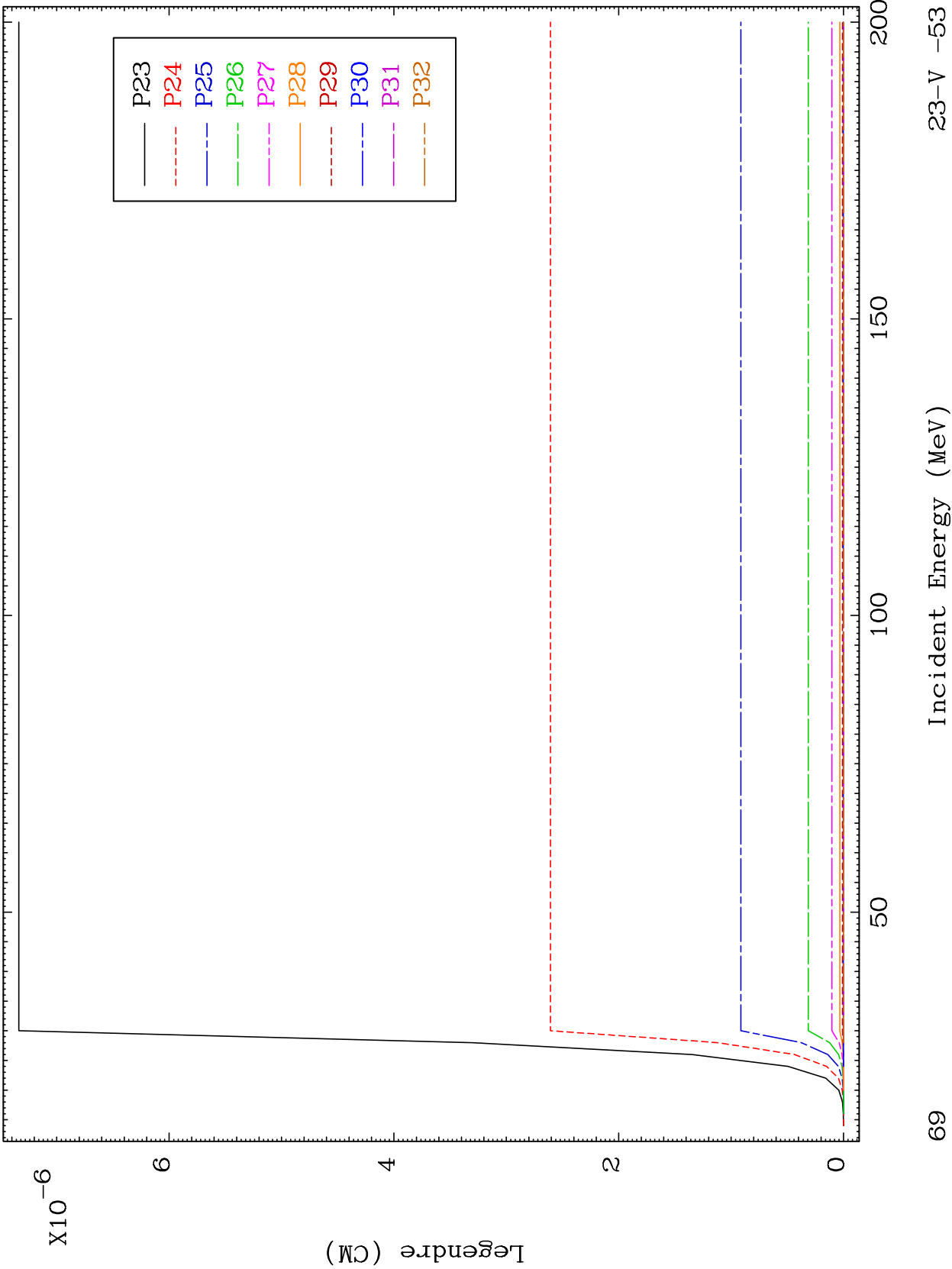
23-V -53



MAT 2334

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

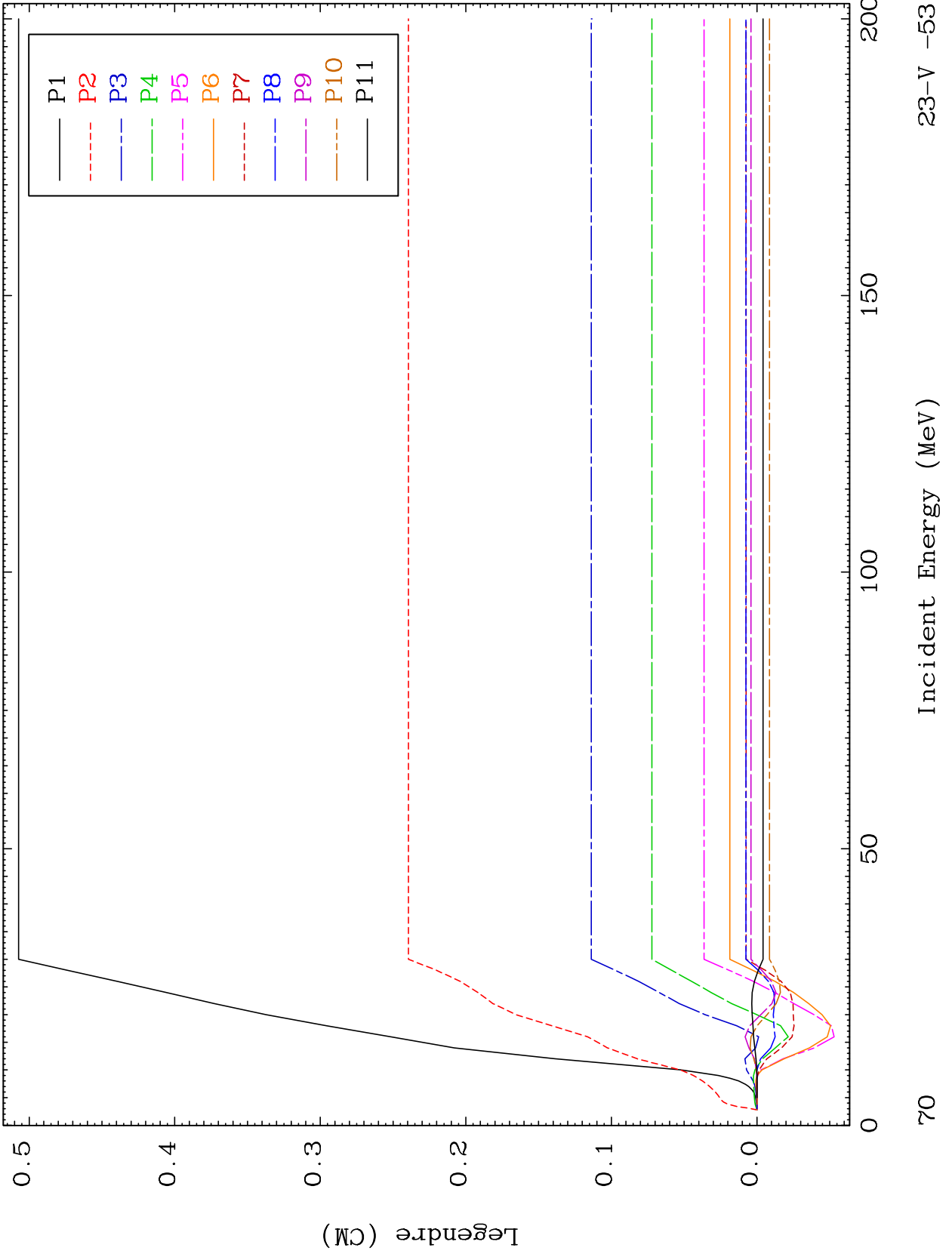
23-V -53

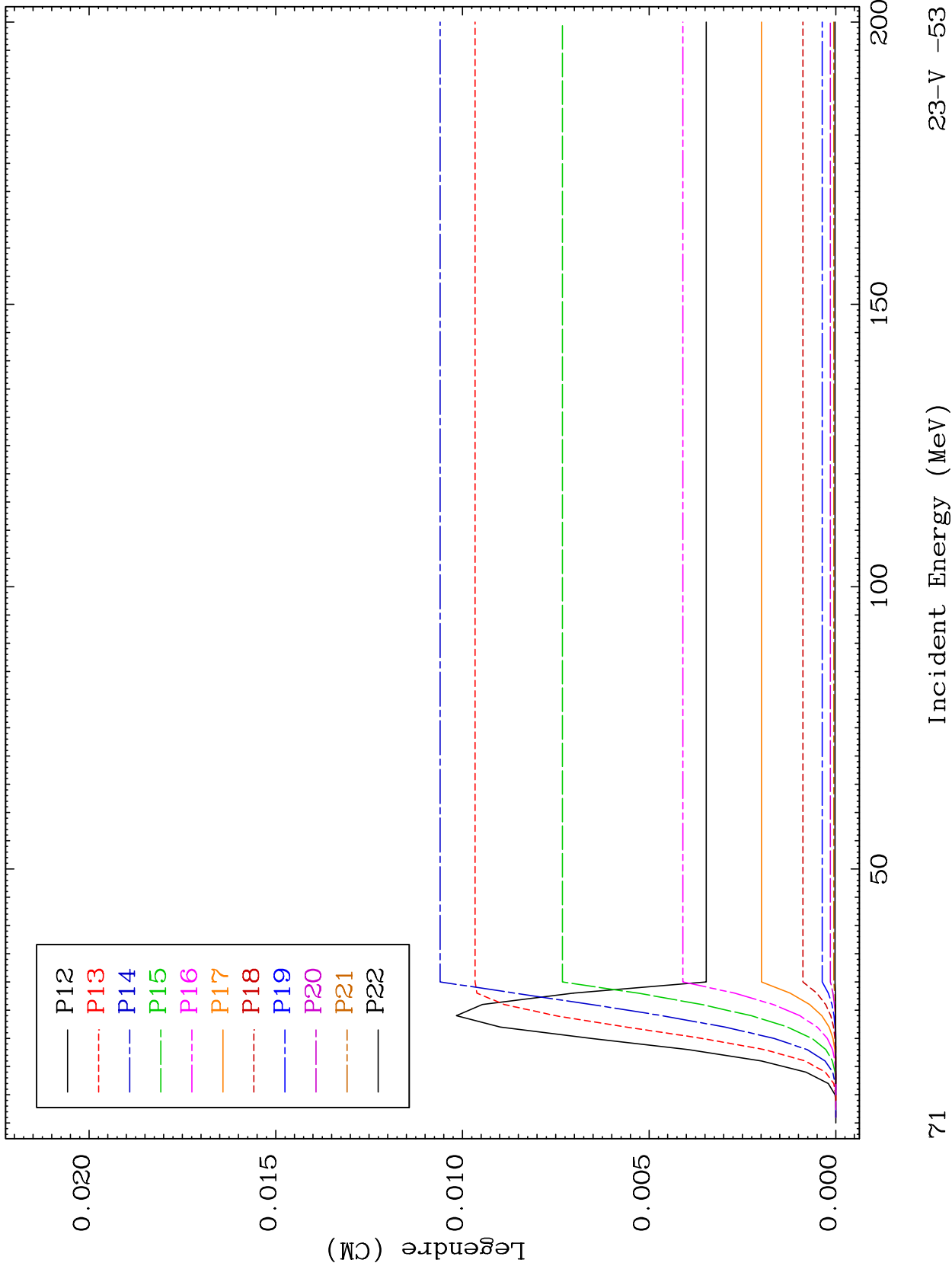


MAT 2334

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

23-V -53



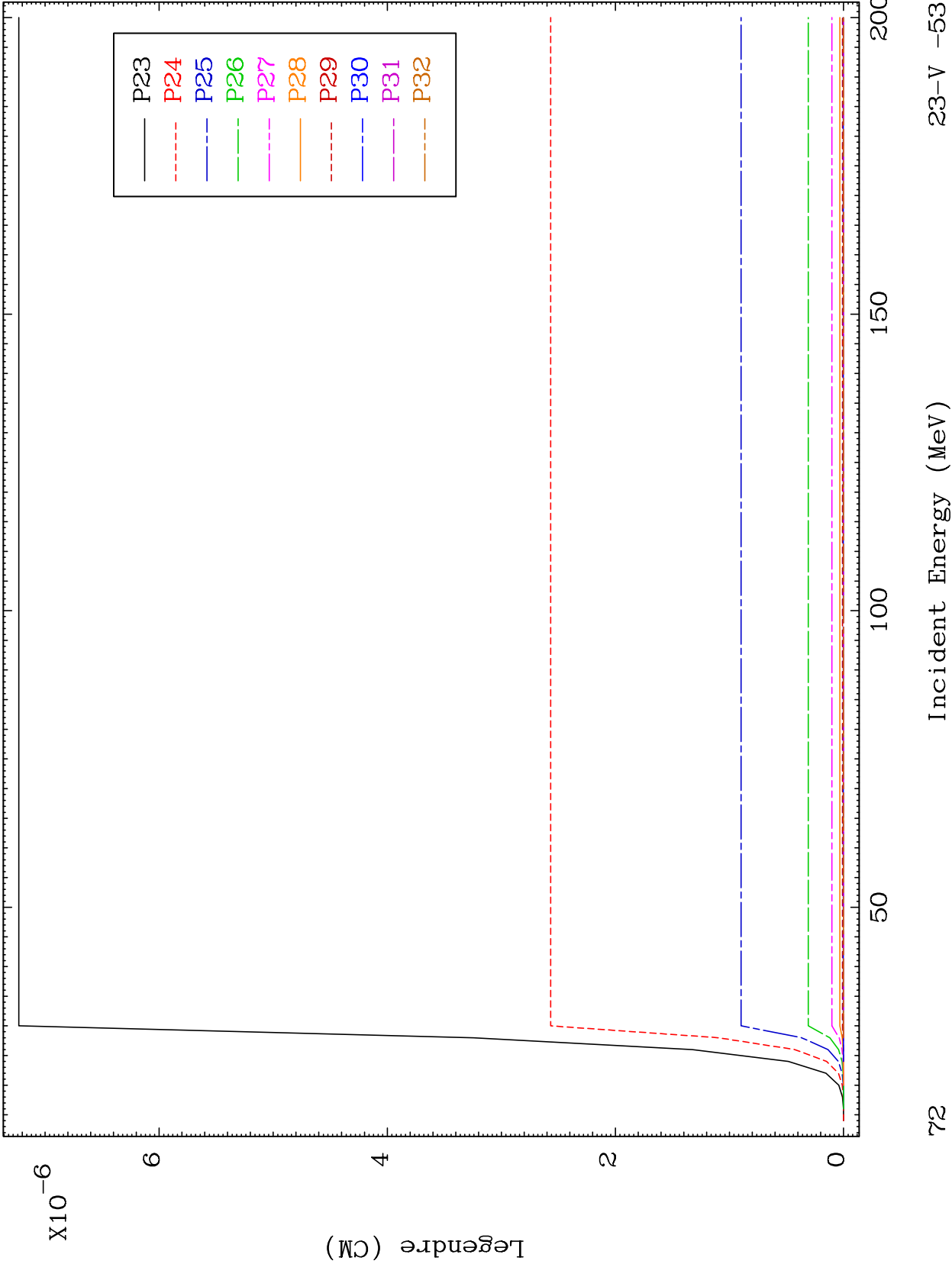




MAT 2334

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

23-V -53



72

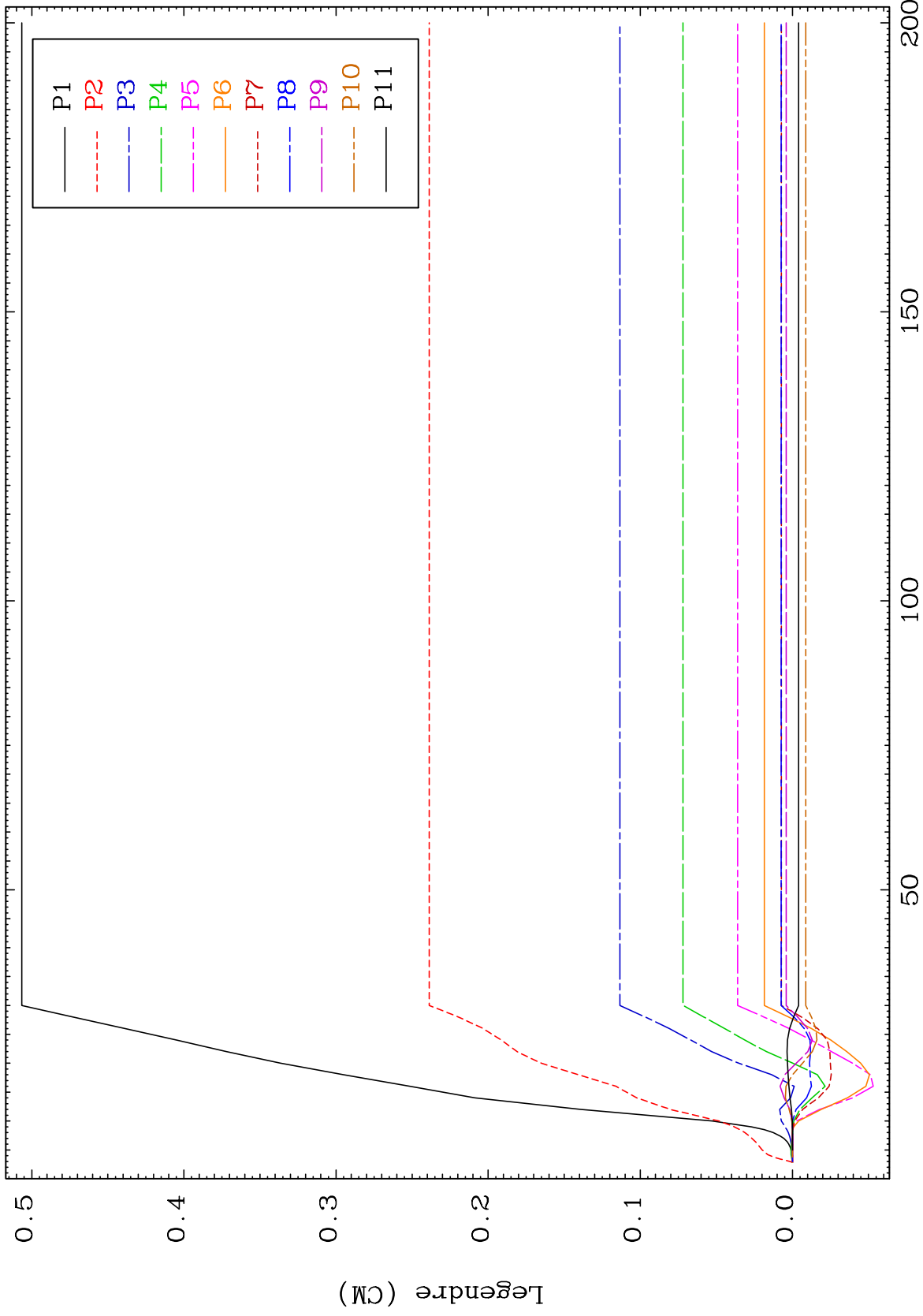
Incident Energy (MeV)

23-V -53

MAT 2334

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

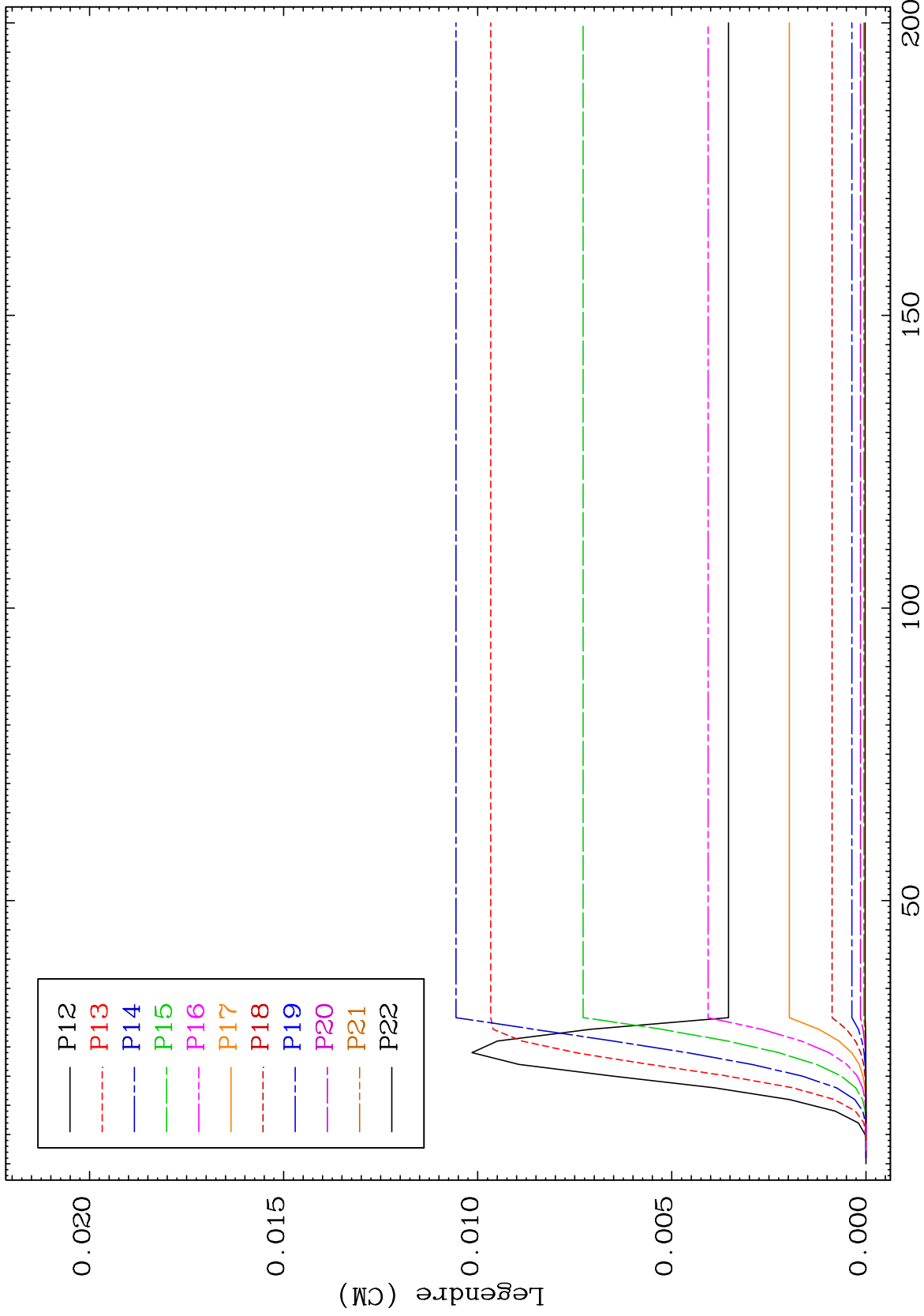
23-V -53



73

Incident Energy (MeV)

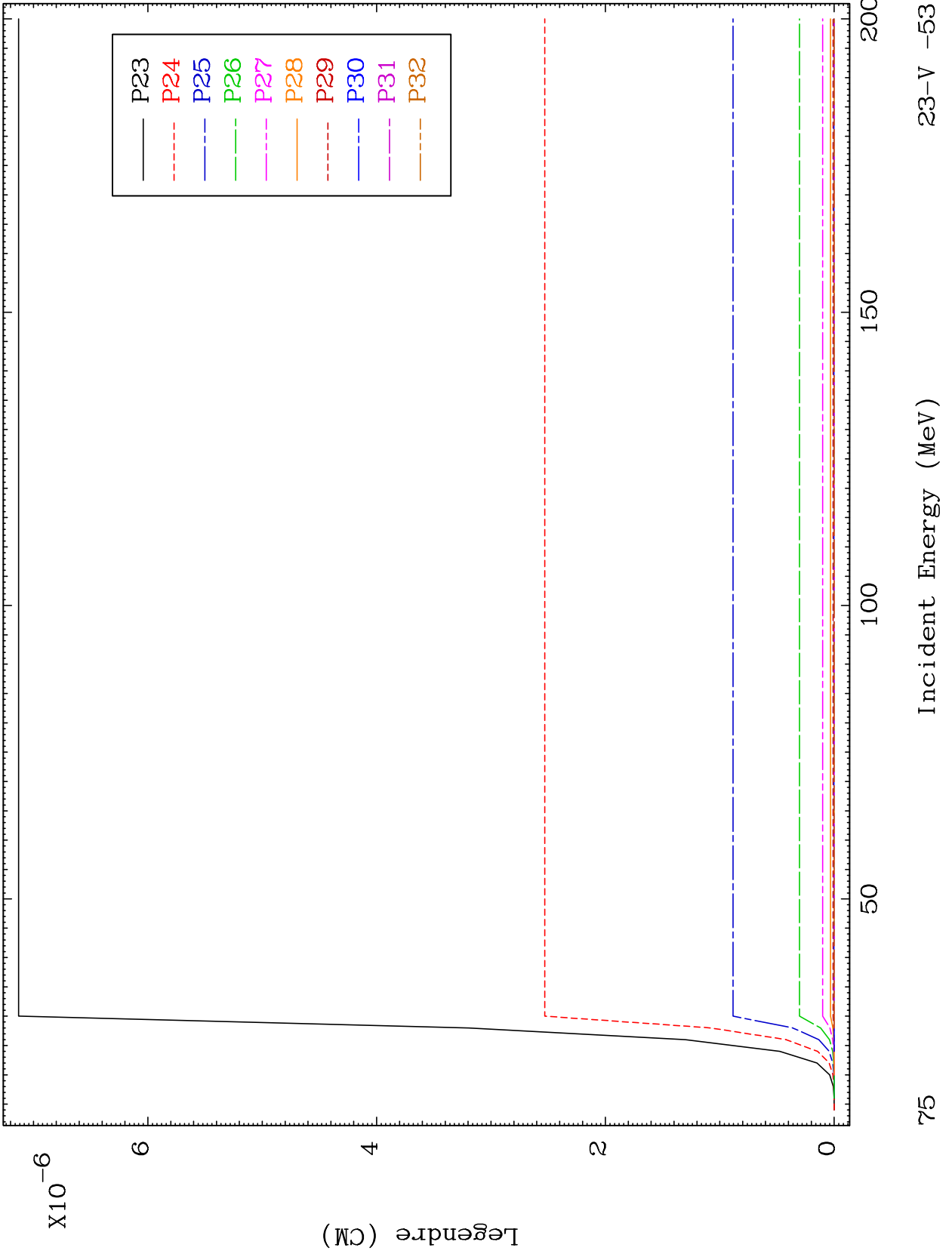
23-V -53



MAT 2334

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

23-V -53



75

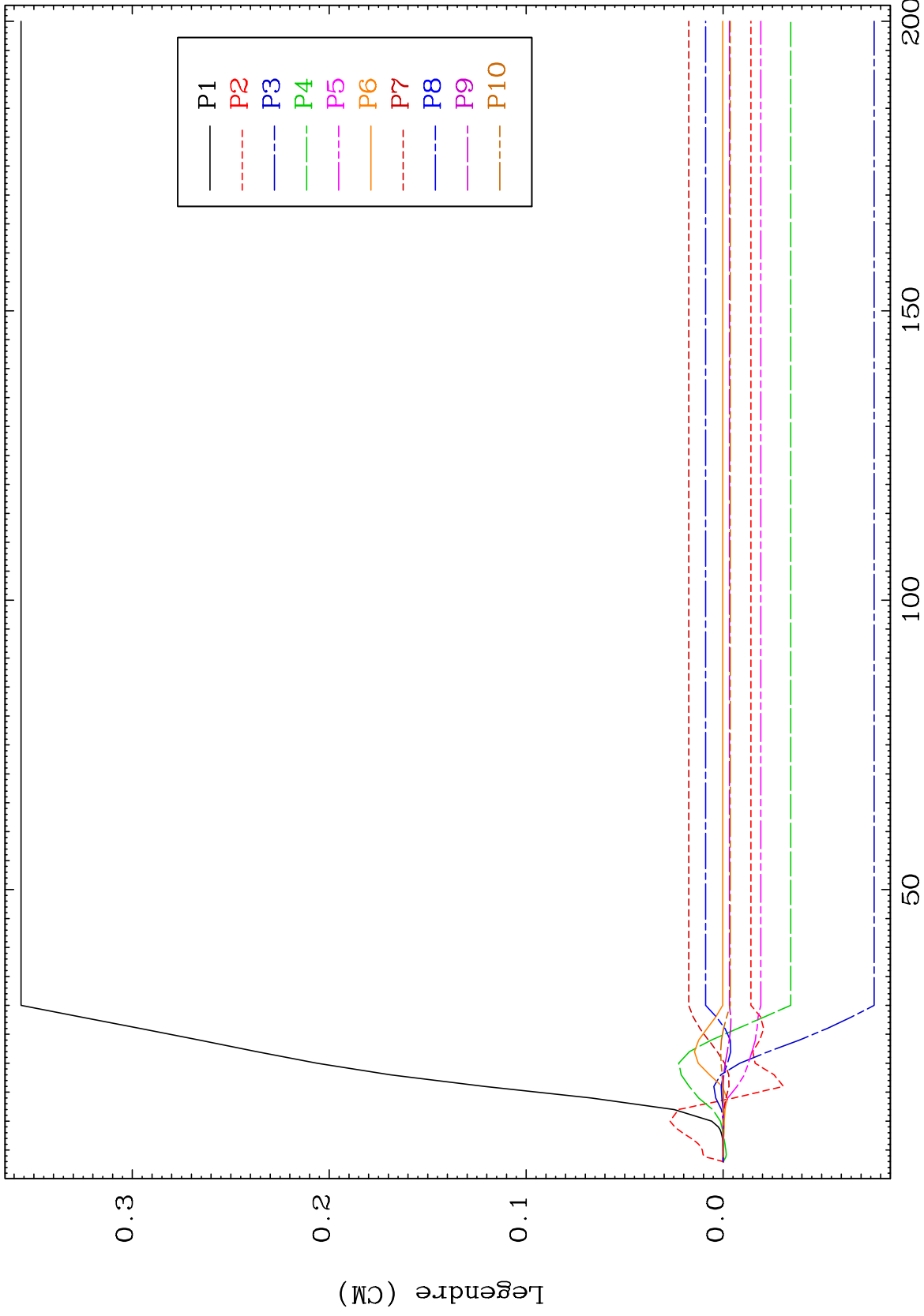
Incident Energy (MeV)

23-V -53

MAT 2334

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

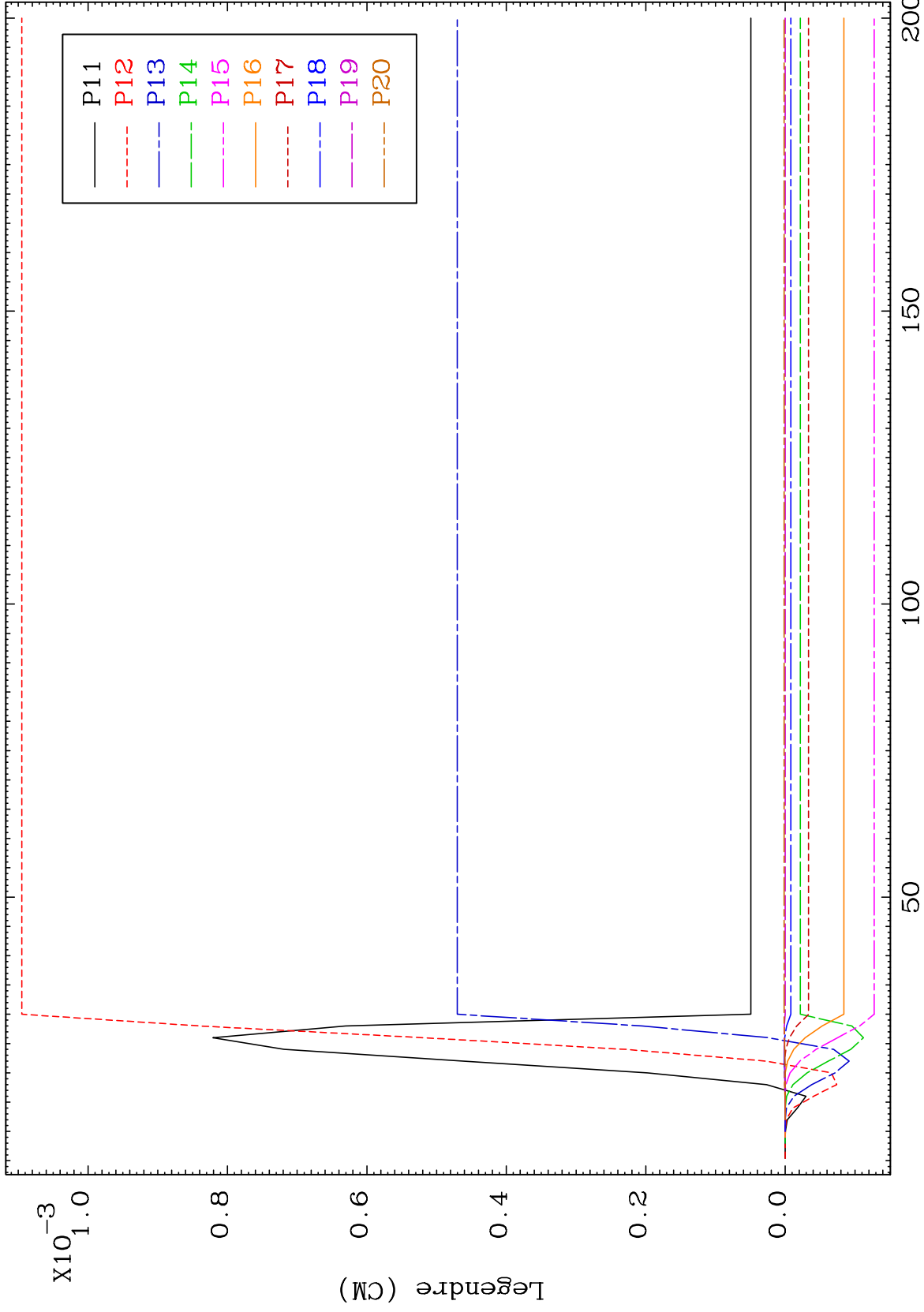
23-V -53



76

Incident Energy (MeV)

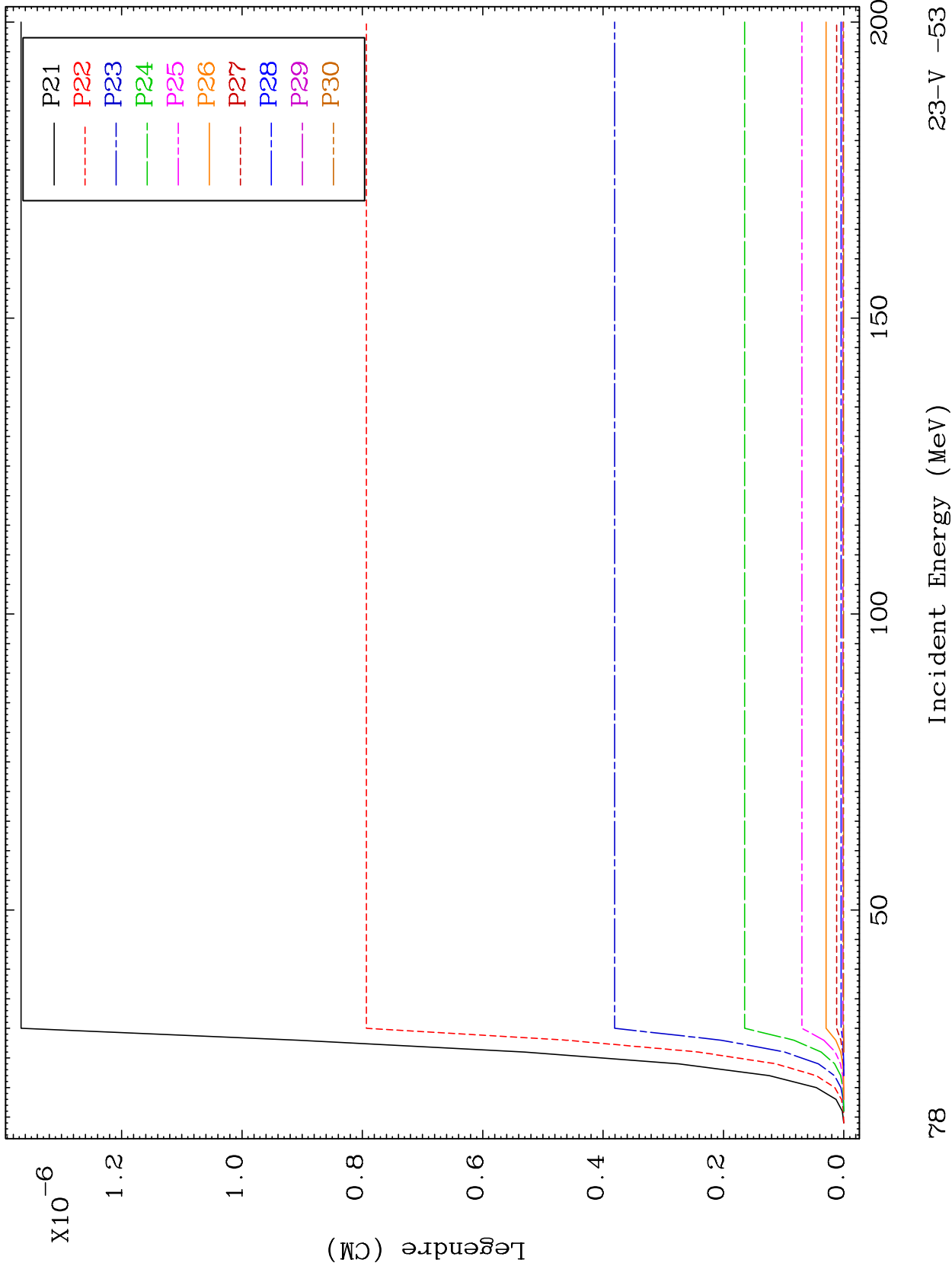
23-V -53



MAT 2334

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

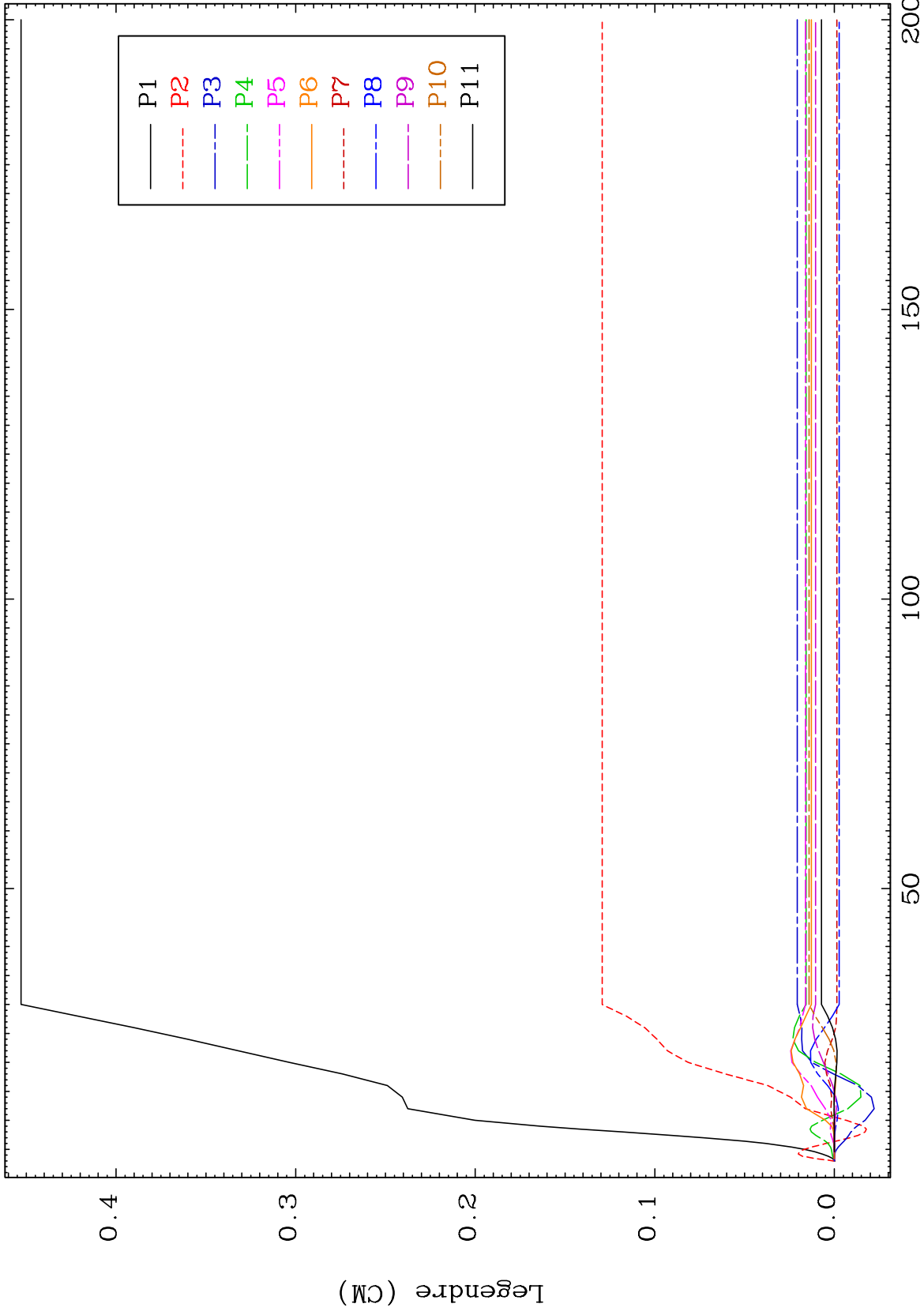
23-V -53



78

Incident Energy (MeV)

23-V -53

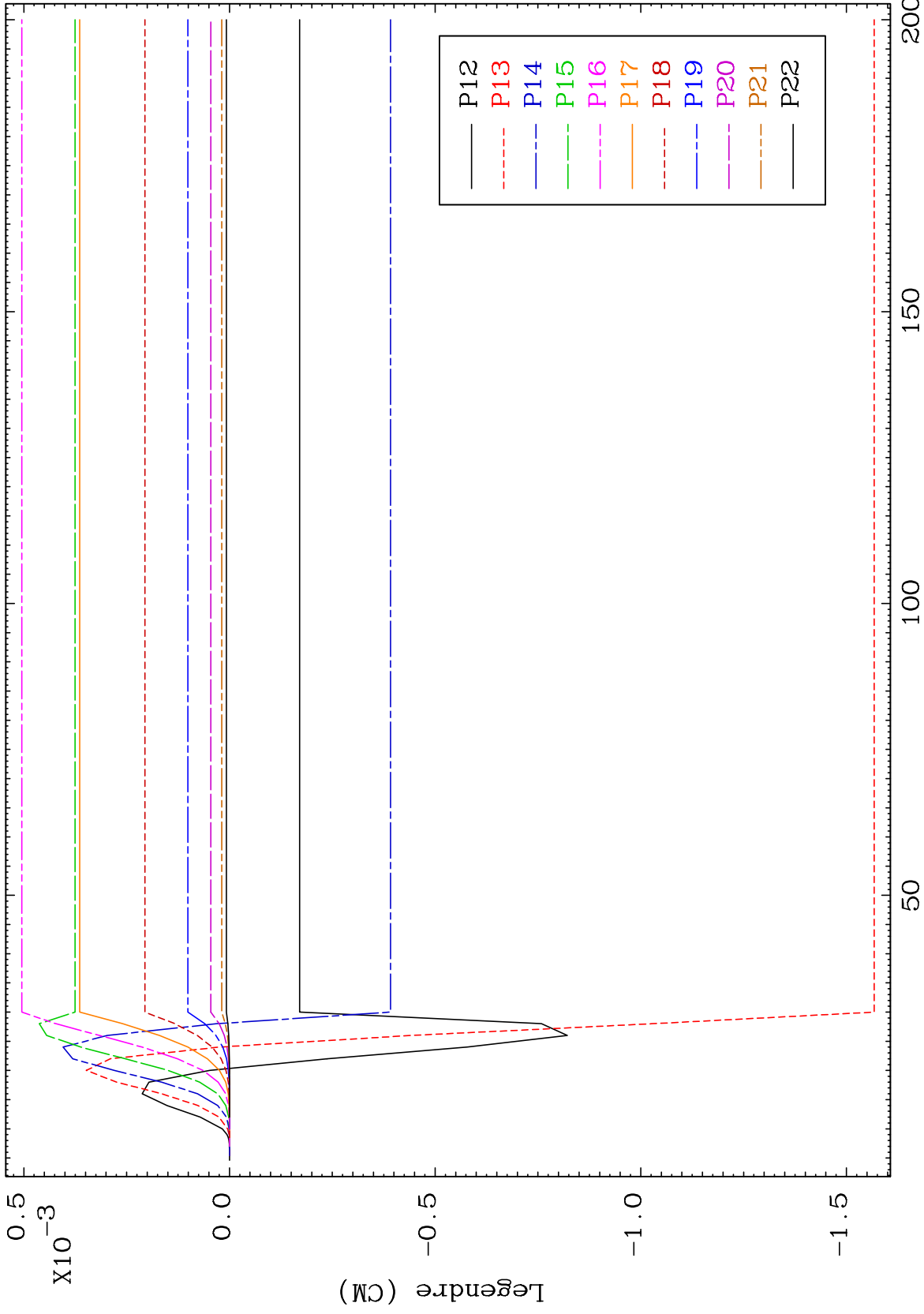




MAT 2334

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

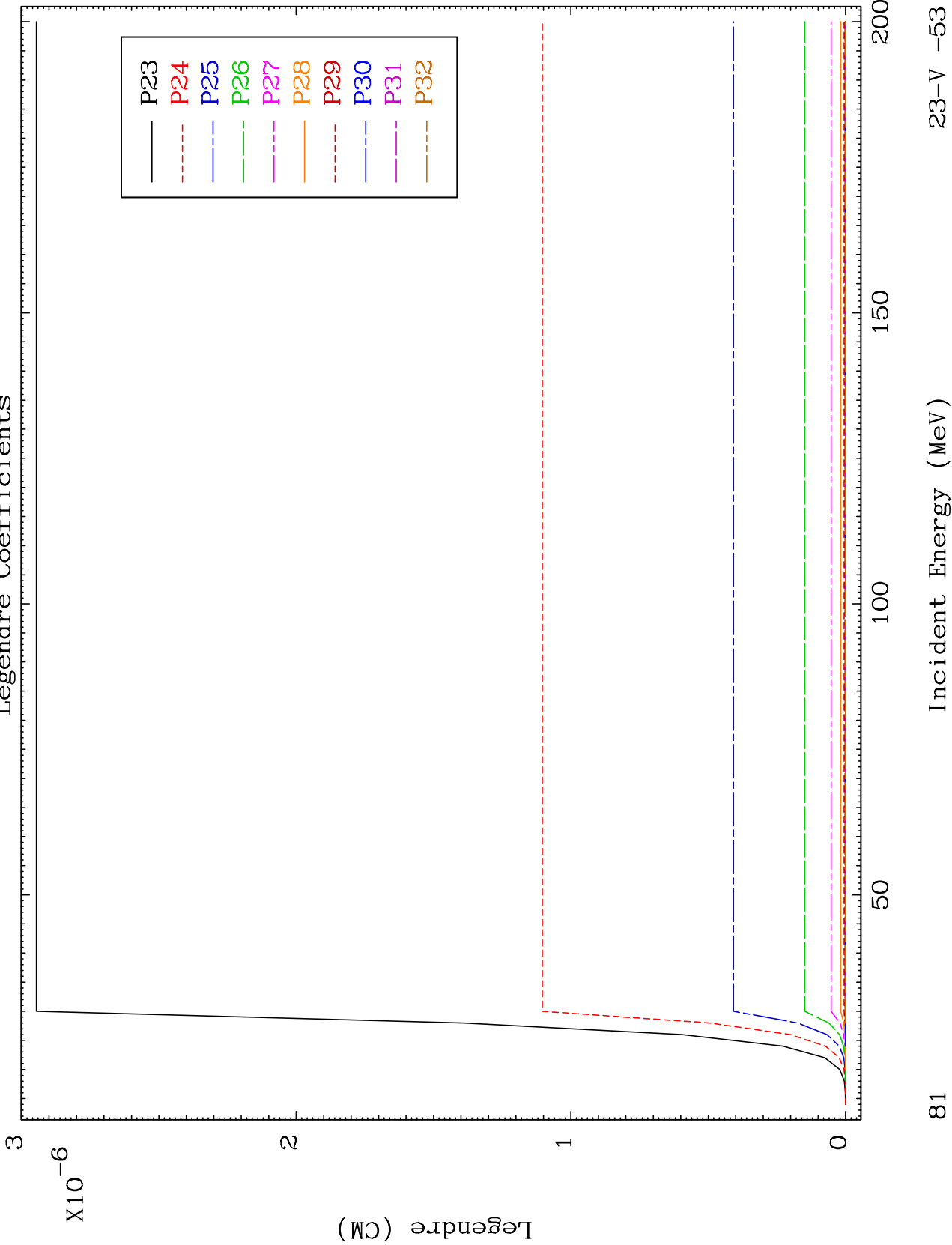
23-V -53

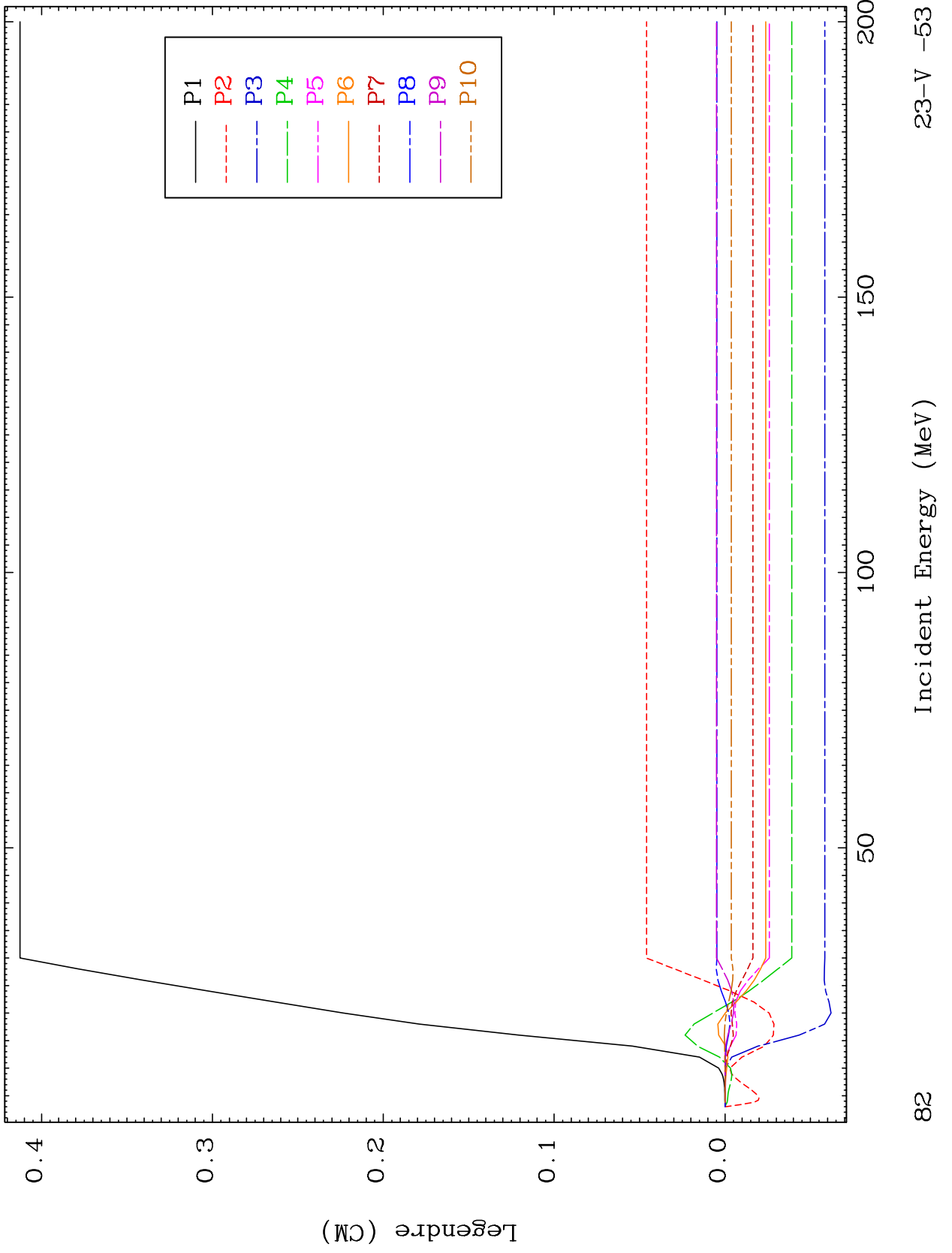


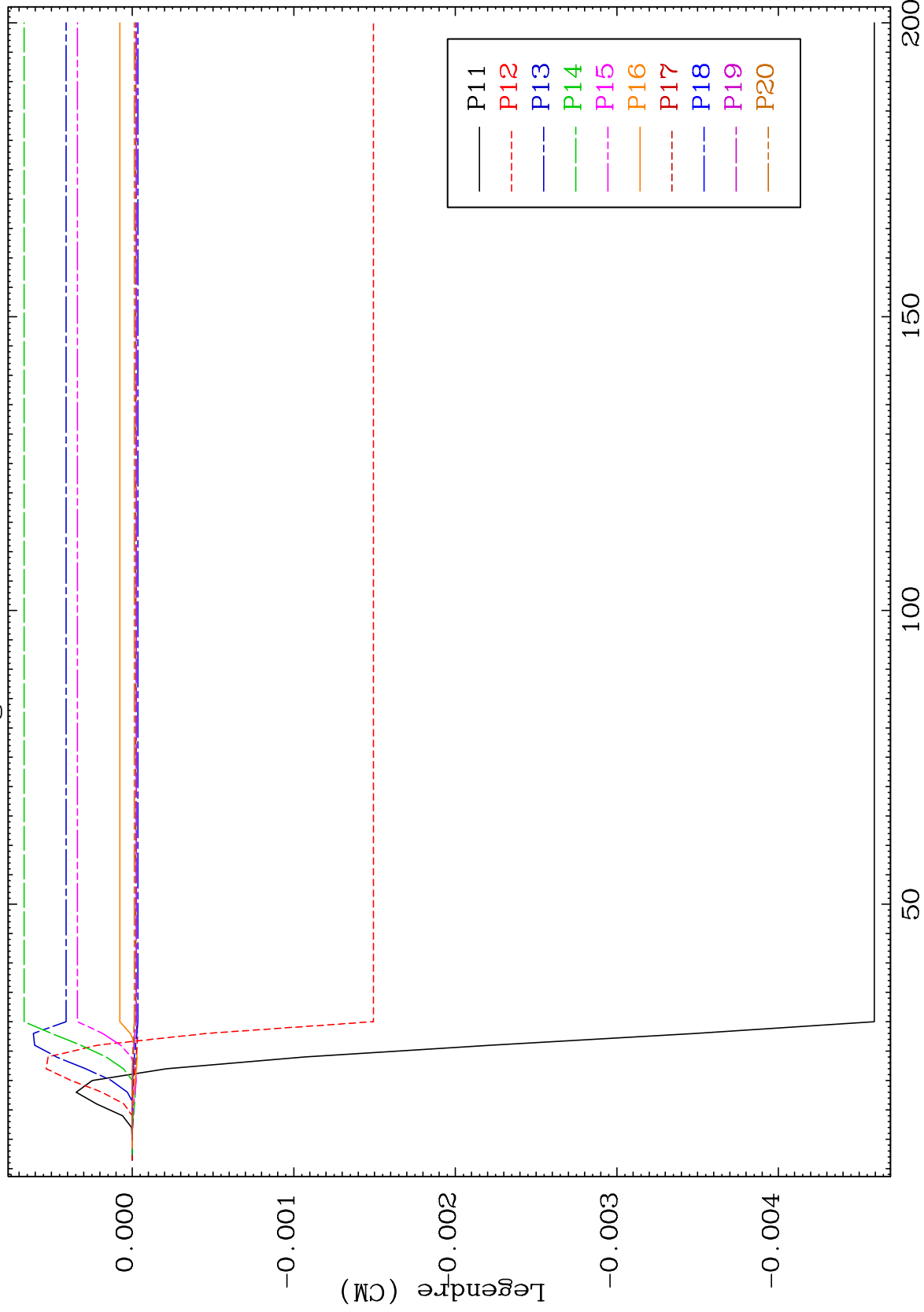
80

Incident Energy (MeV)

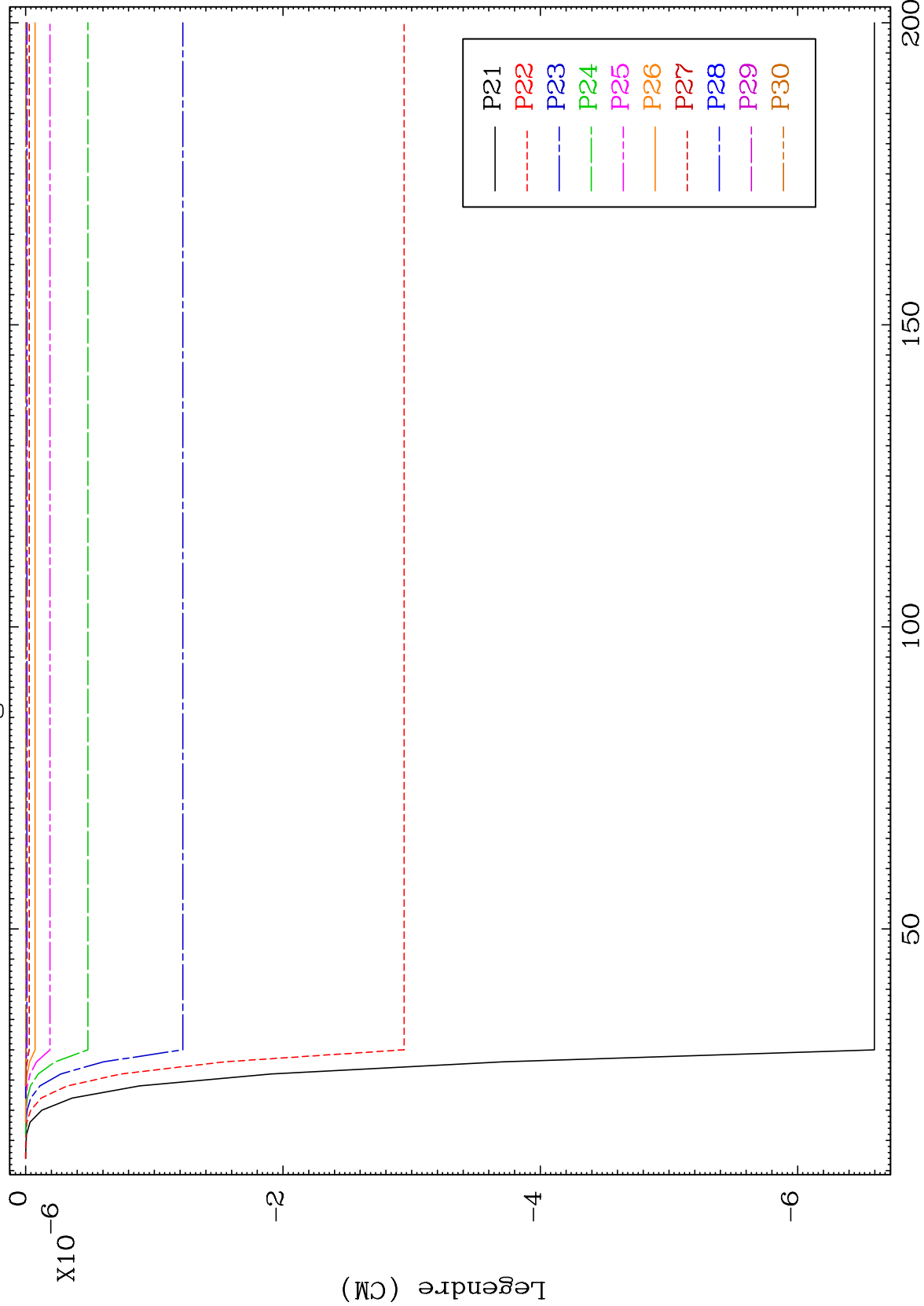
23-V -53







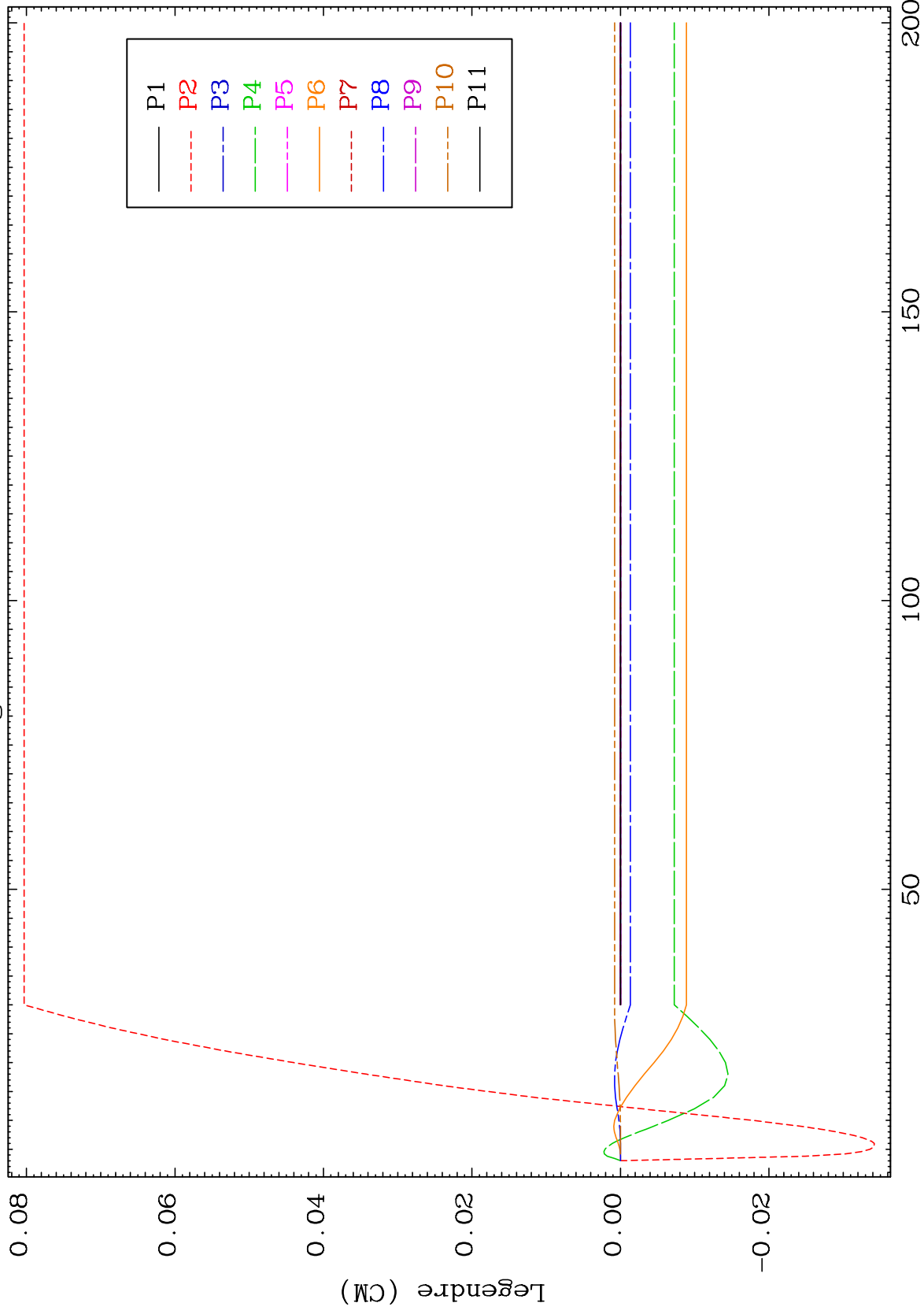
Legendre Coefficients



MAT 2334

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

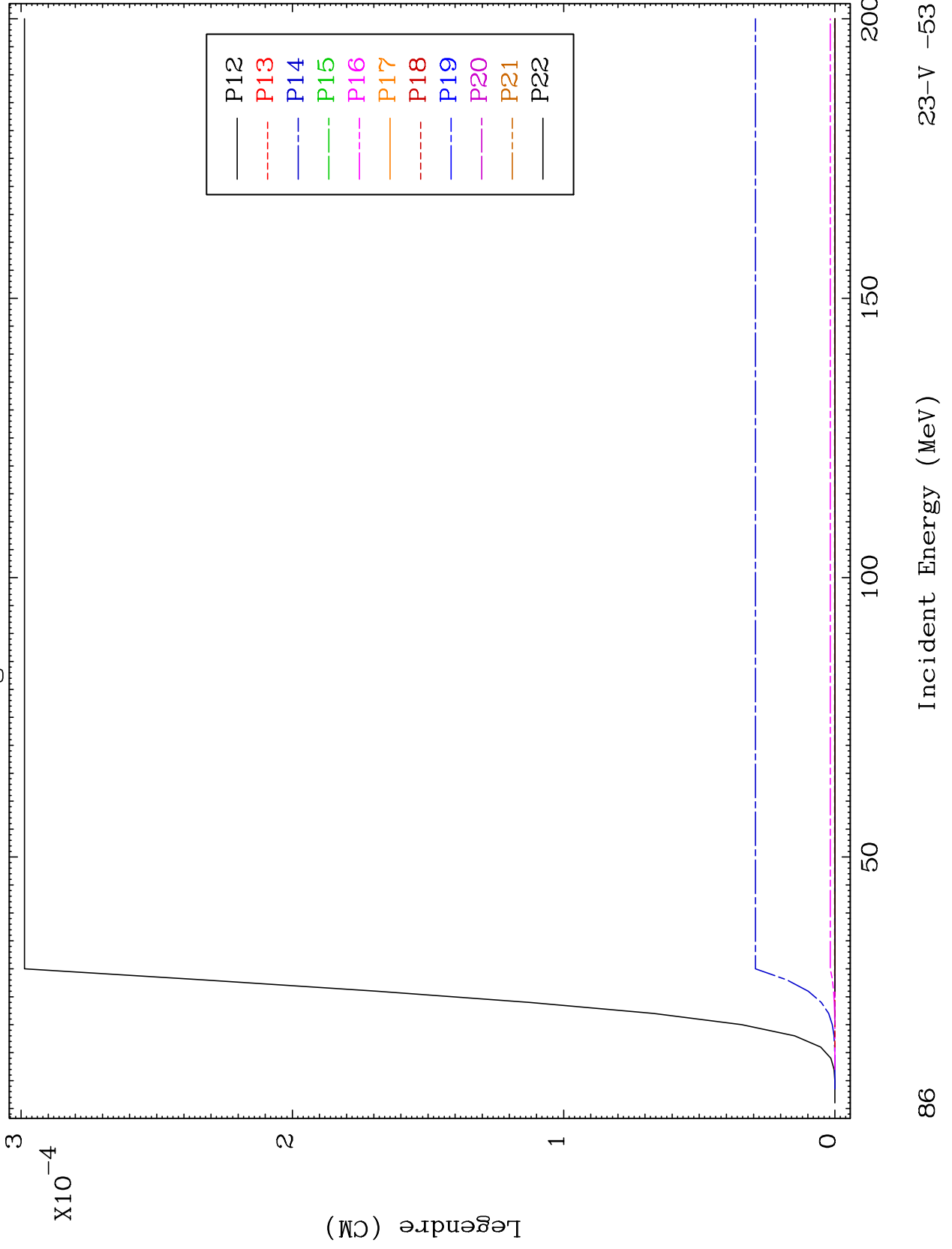
23-V -53

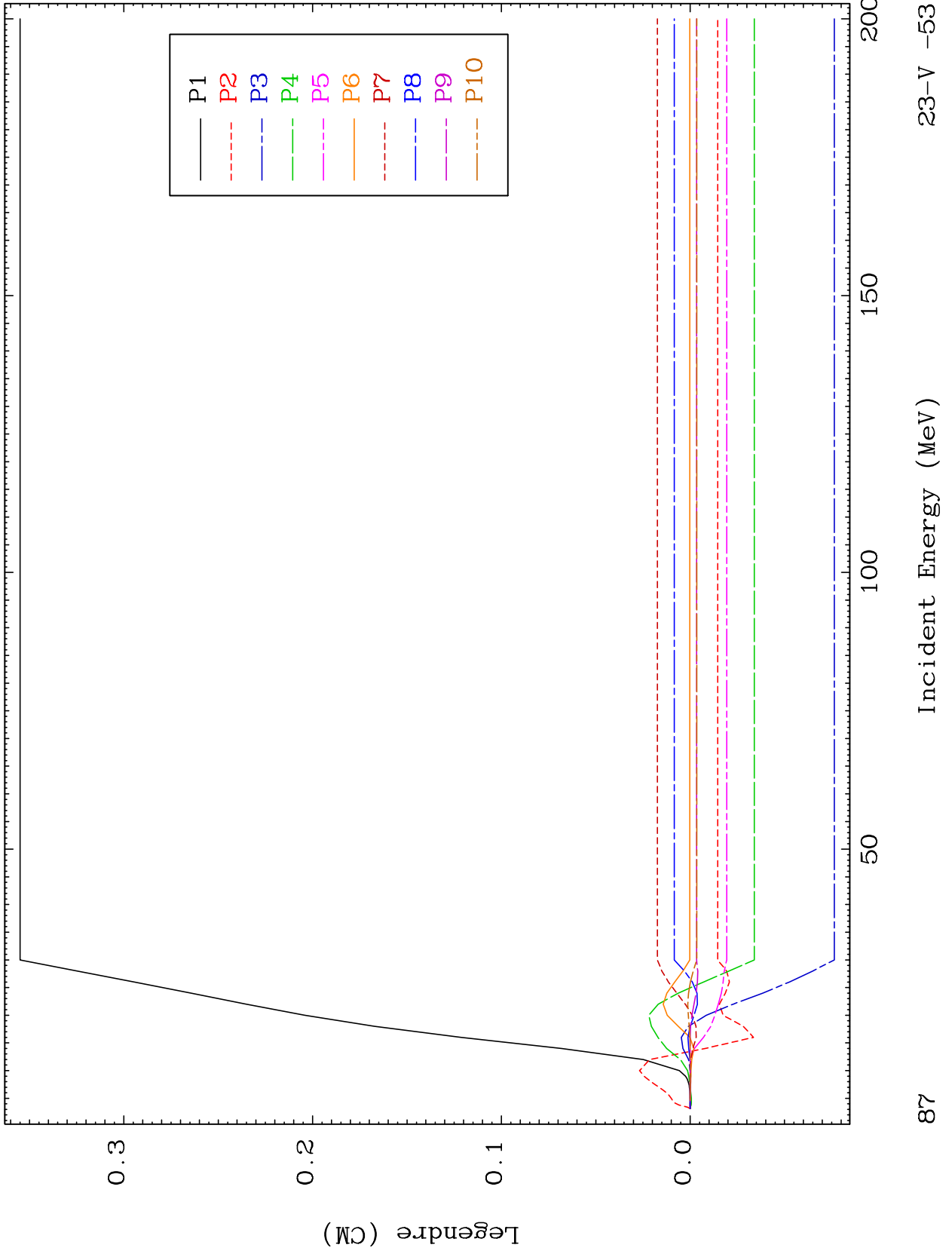


85

Incident Energy (MeV)

23-V -53



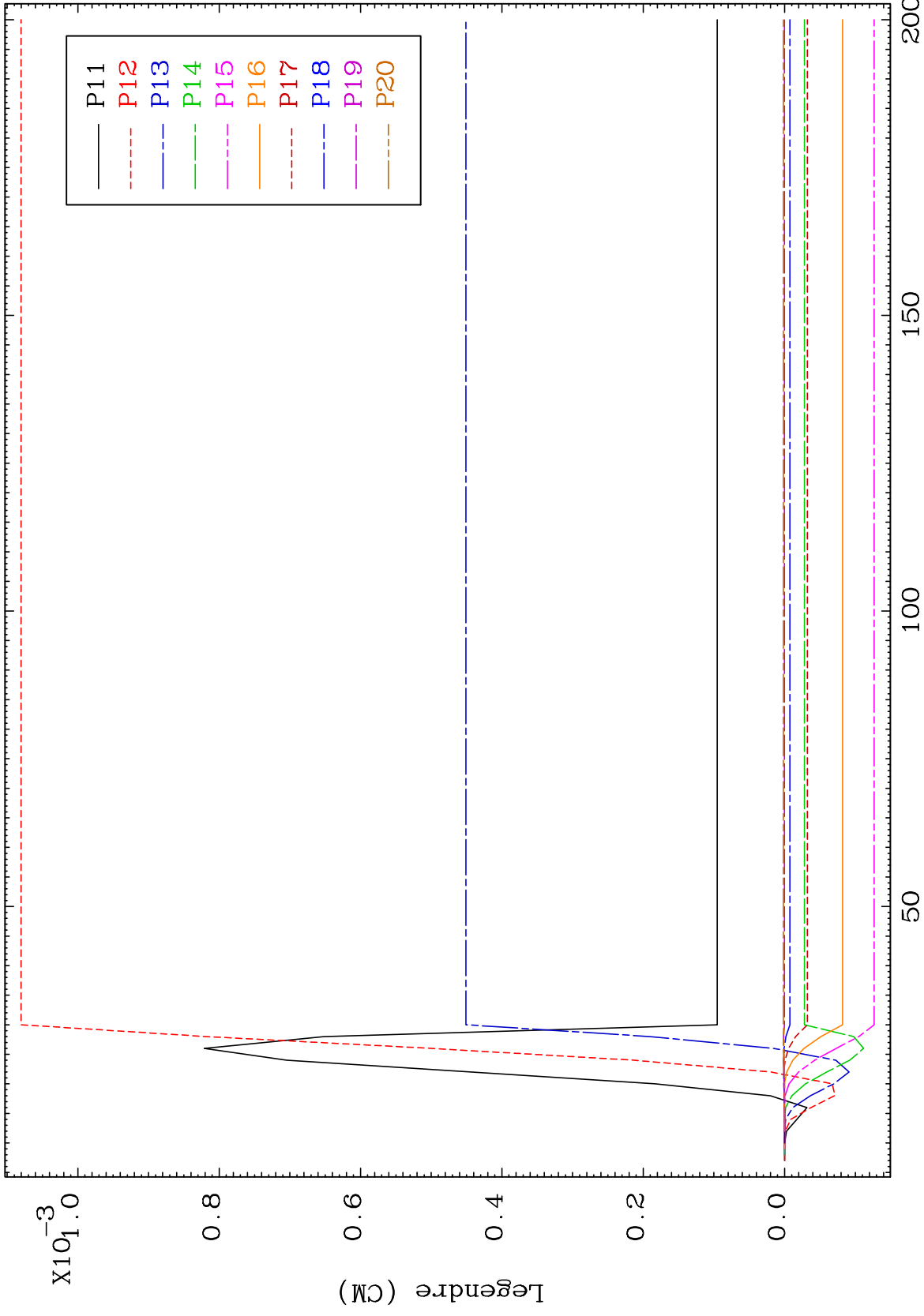




MAT 2334

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

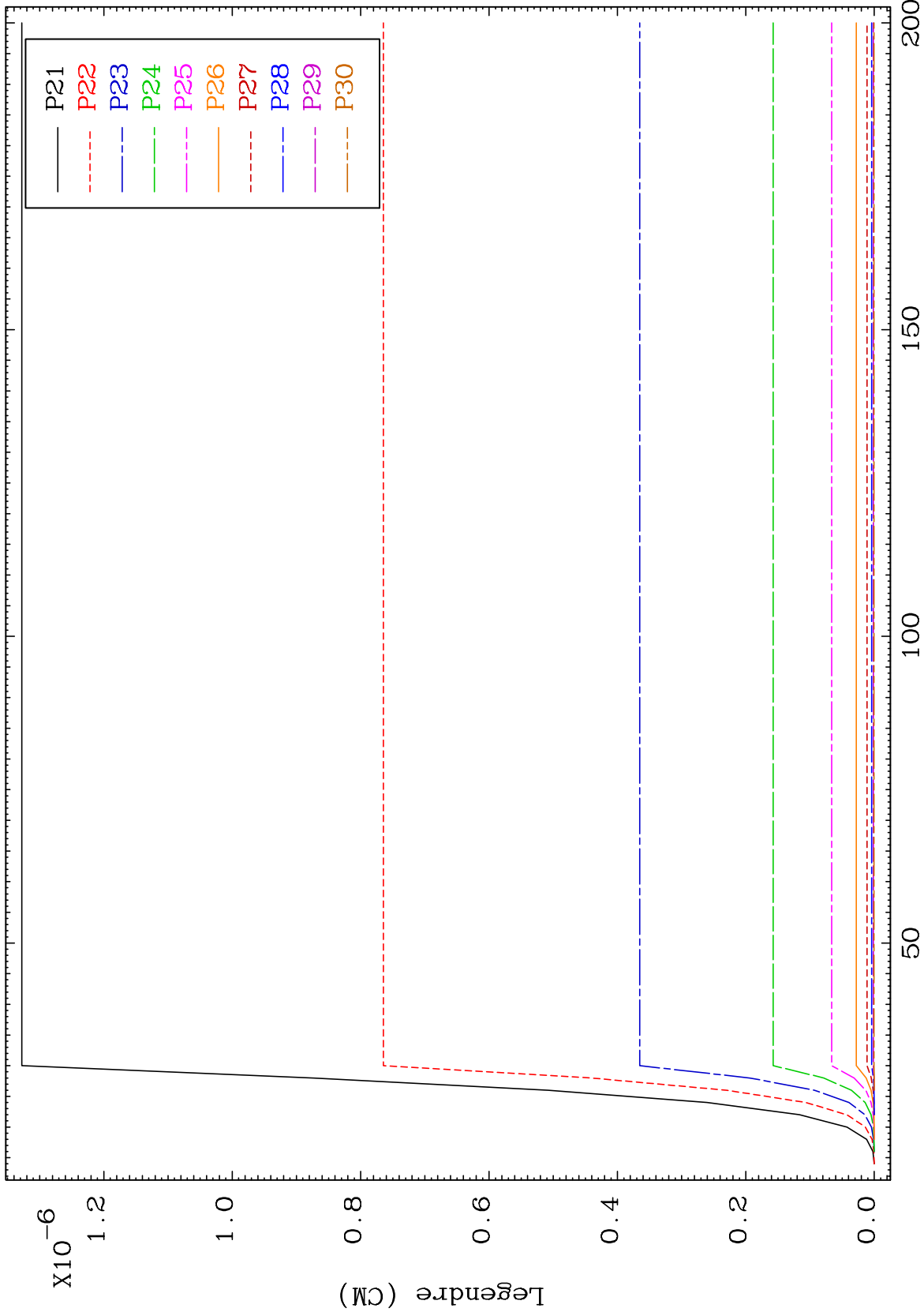
23-V -53



88

Incident Energy (MeV)

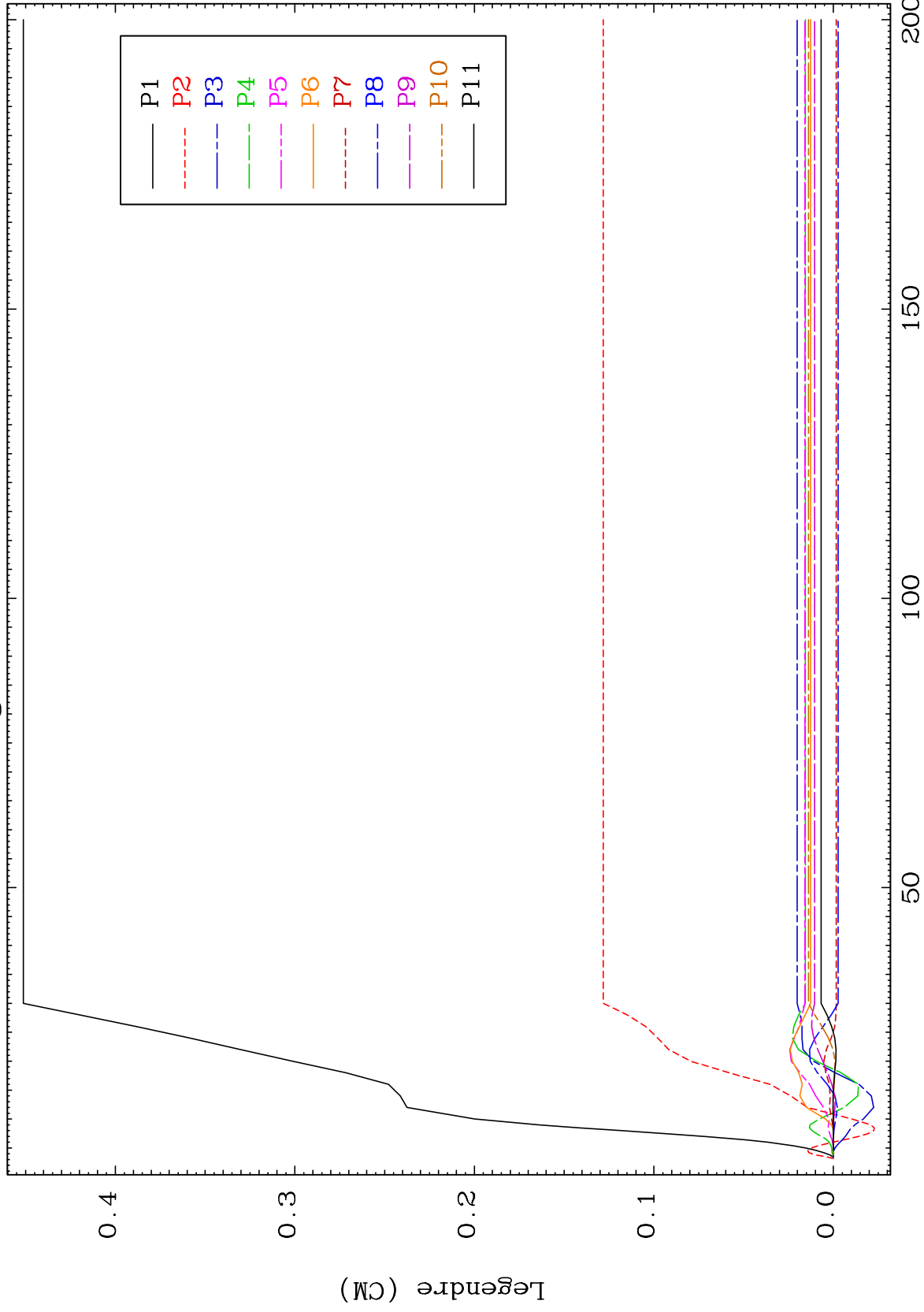
23-V -53



MAT 2334

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

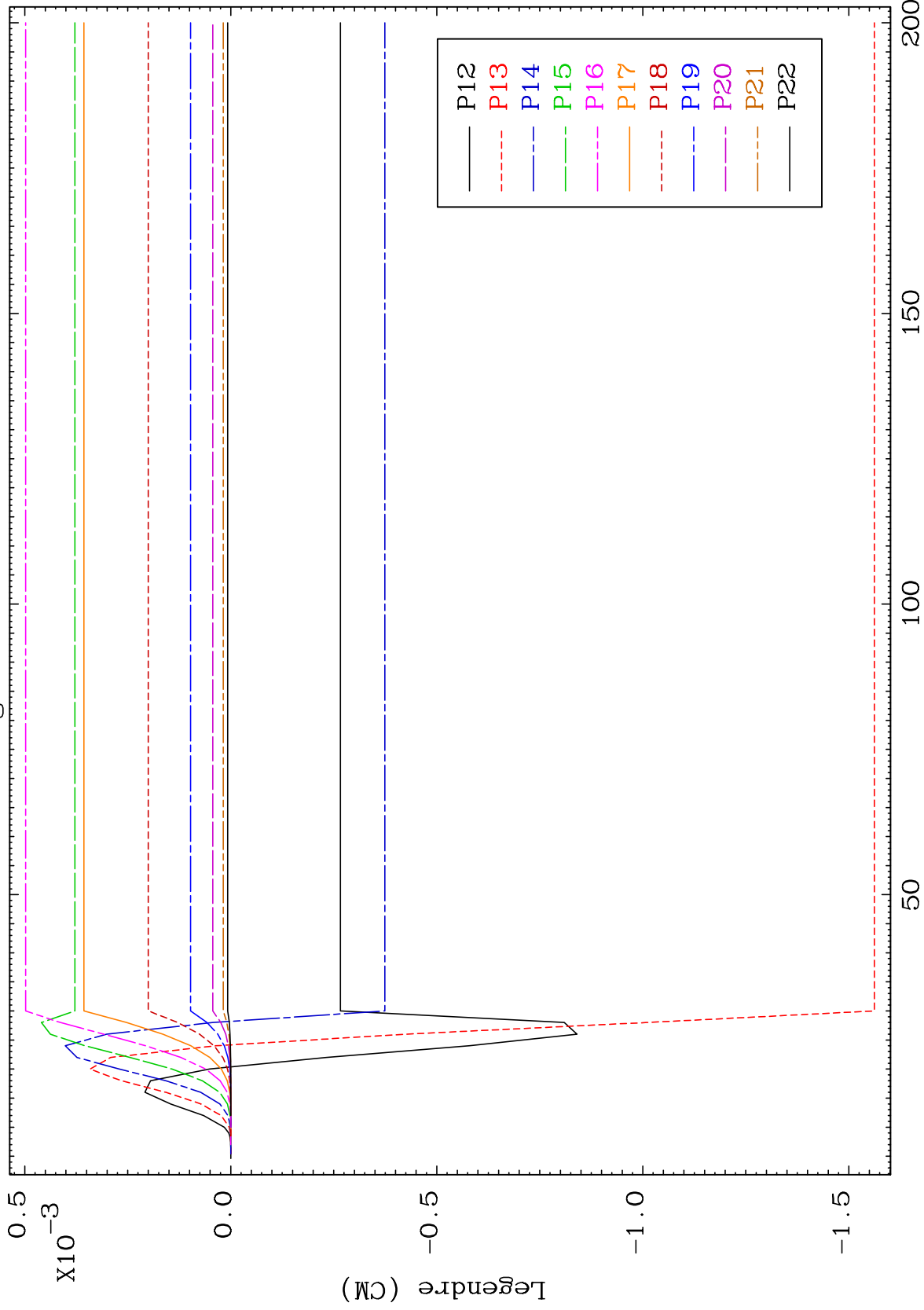
23-V -53

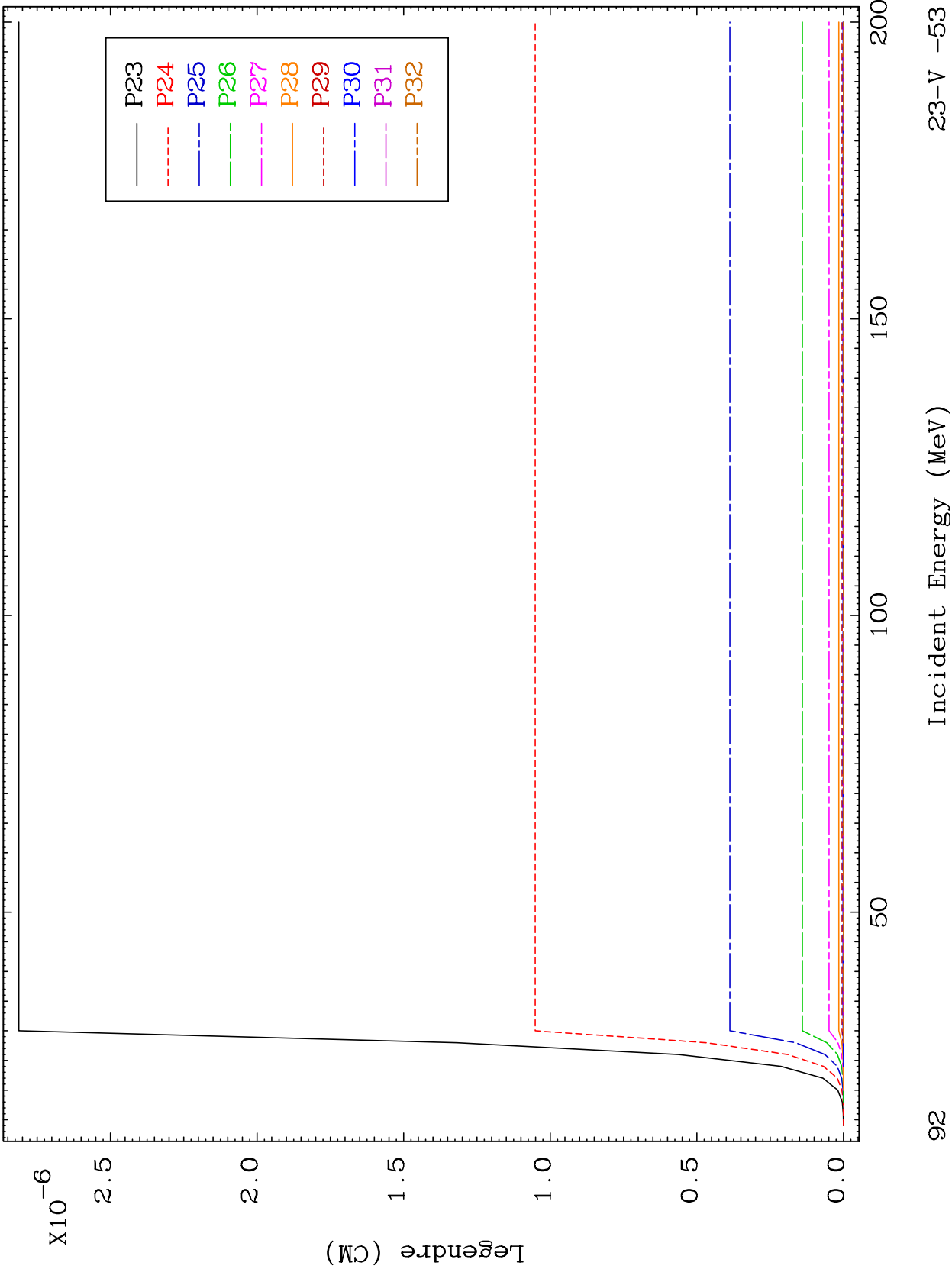


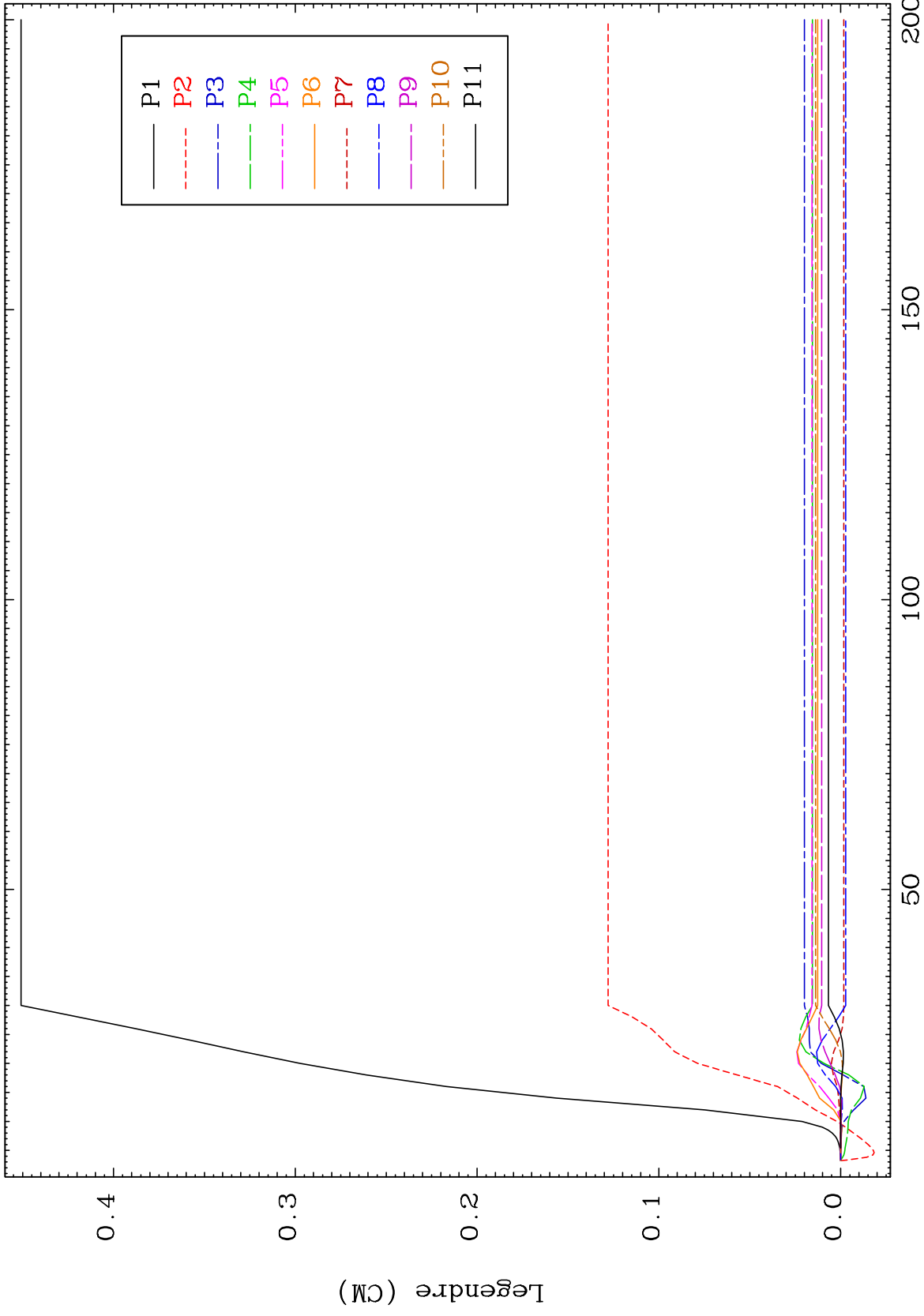
90

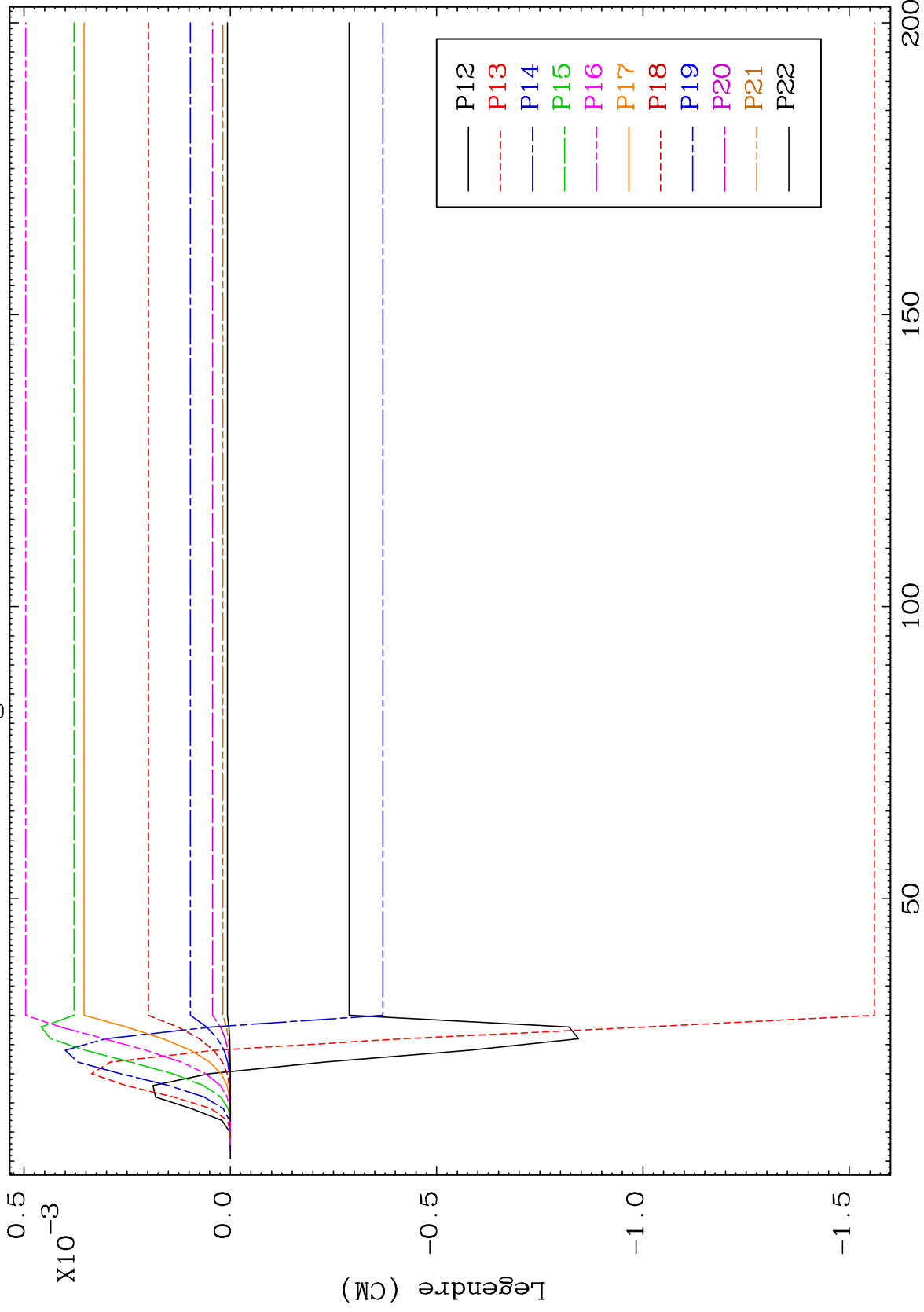
Incident Energy (MeV)

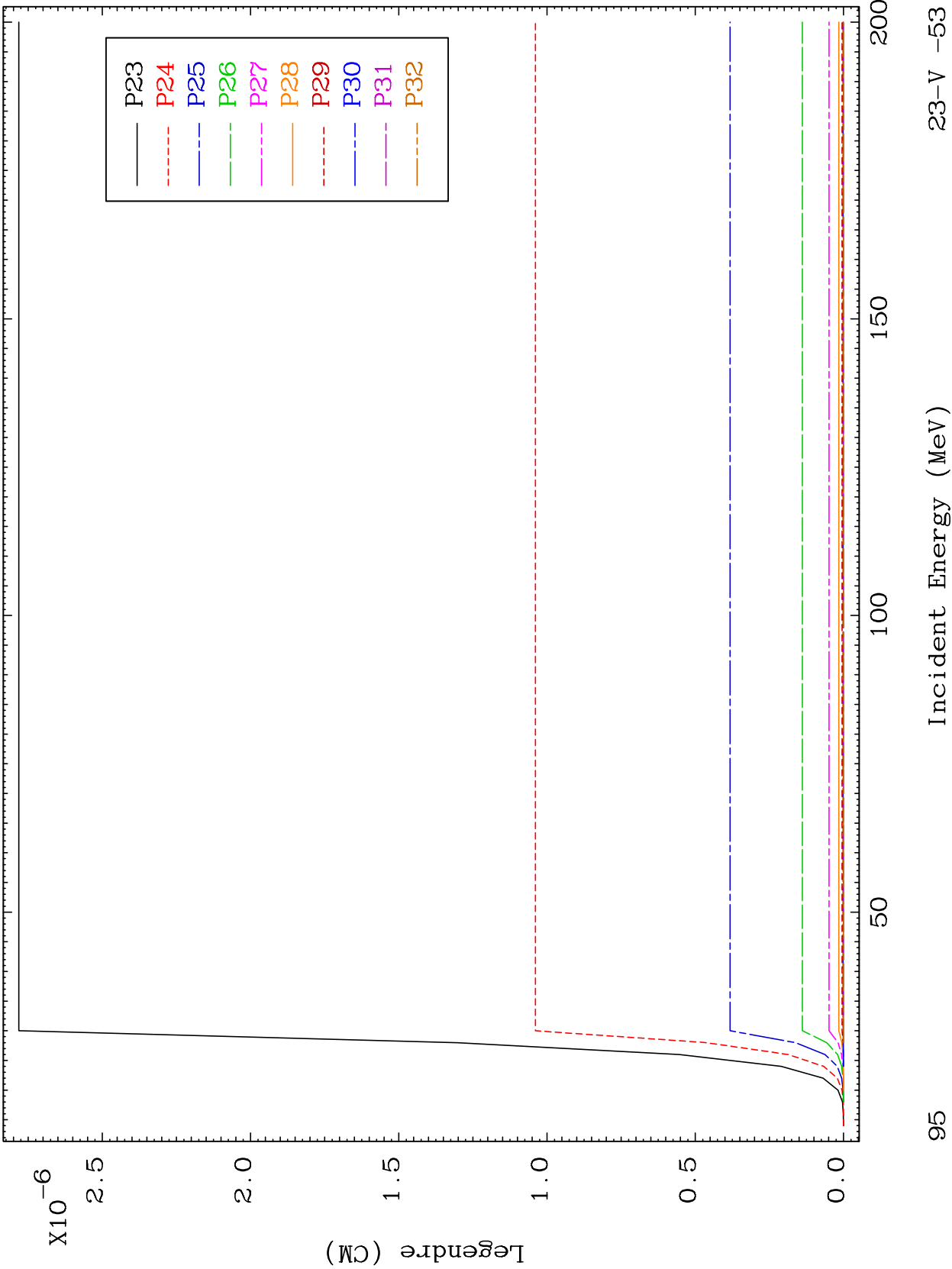
23-V -53



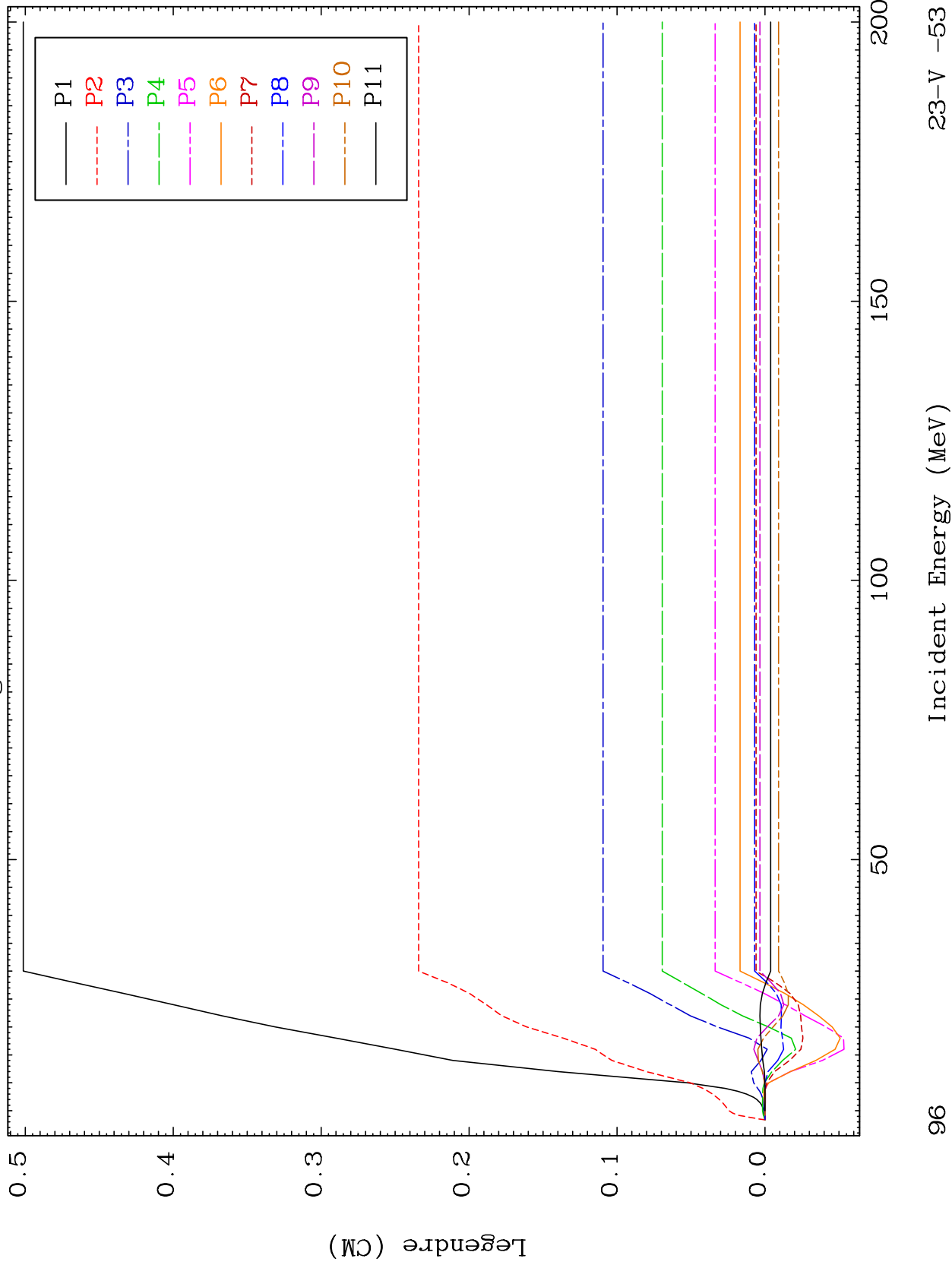


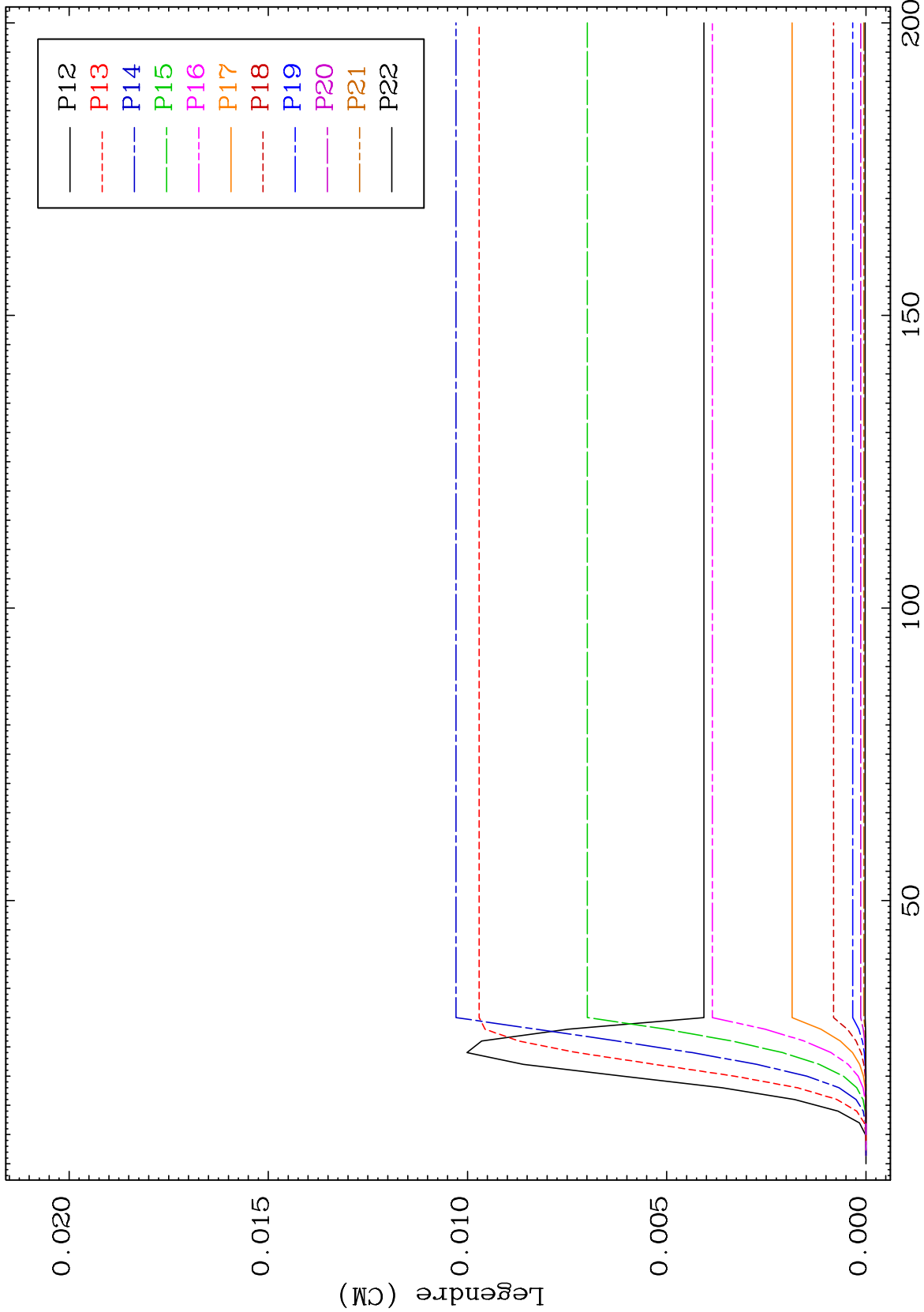








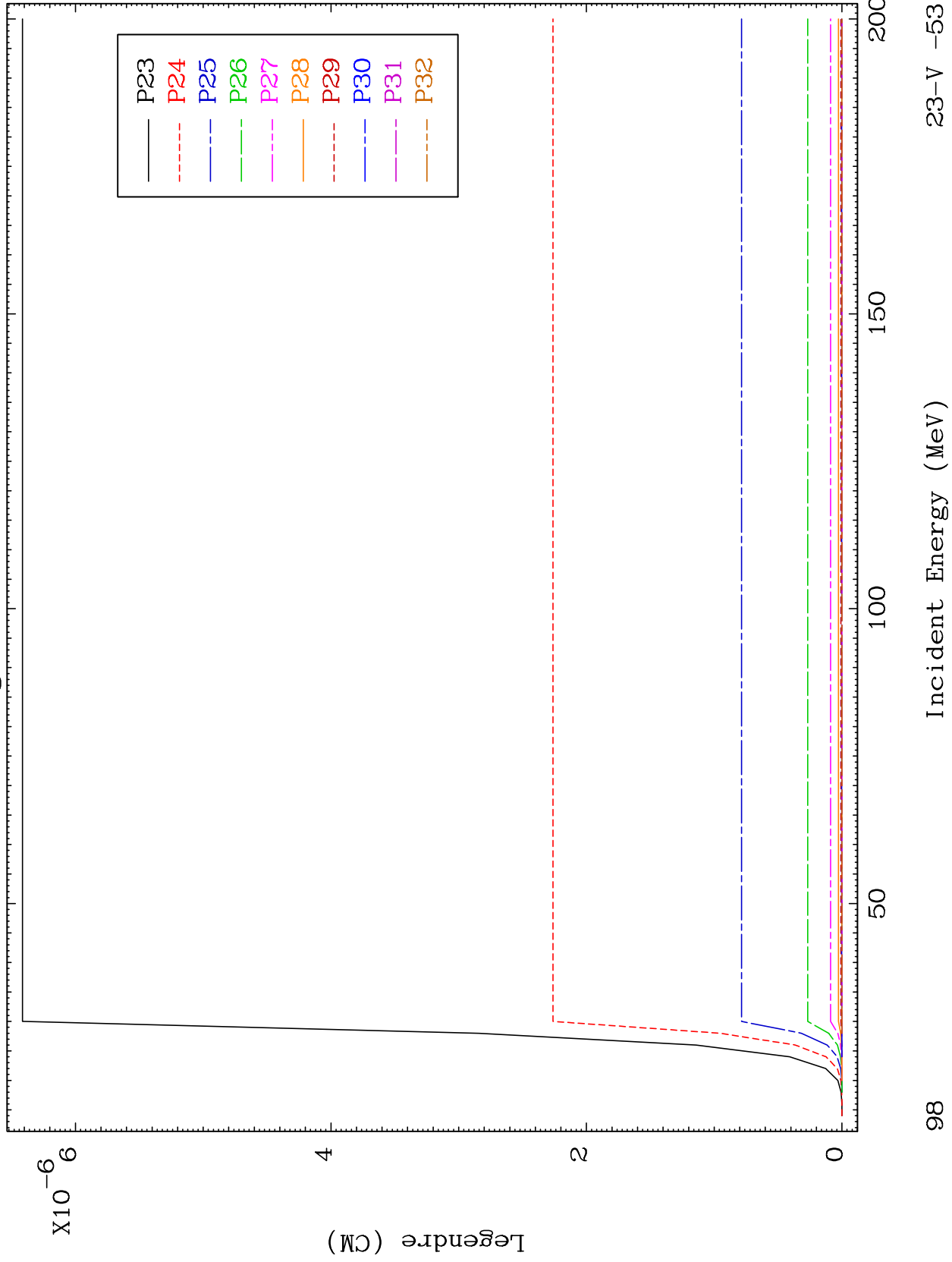




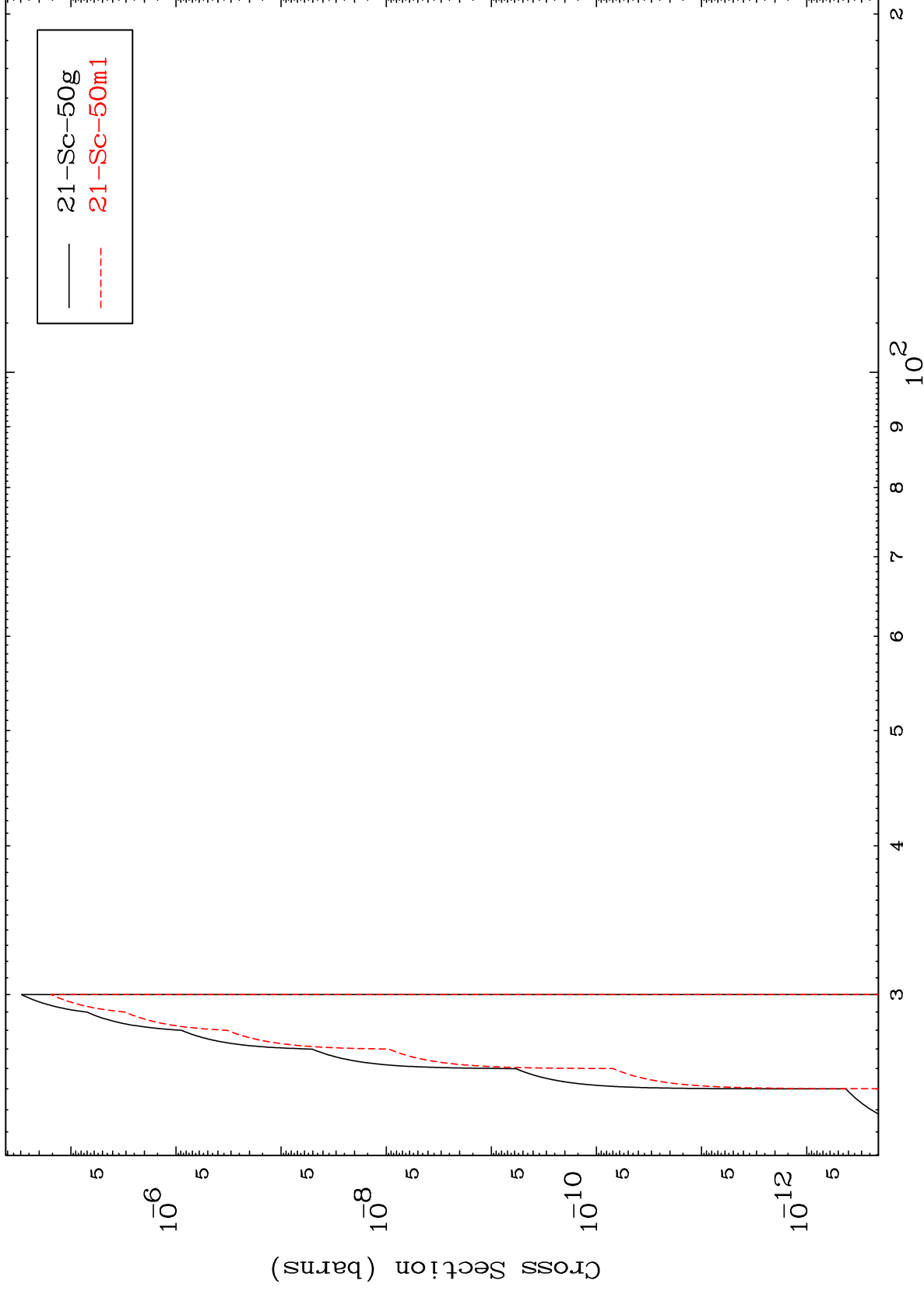
MAT 2334

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

23-V -53



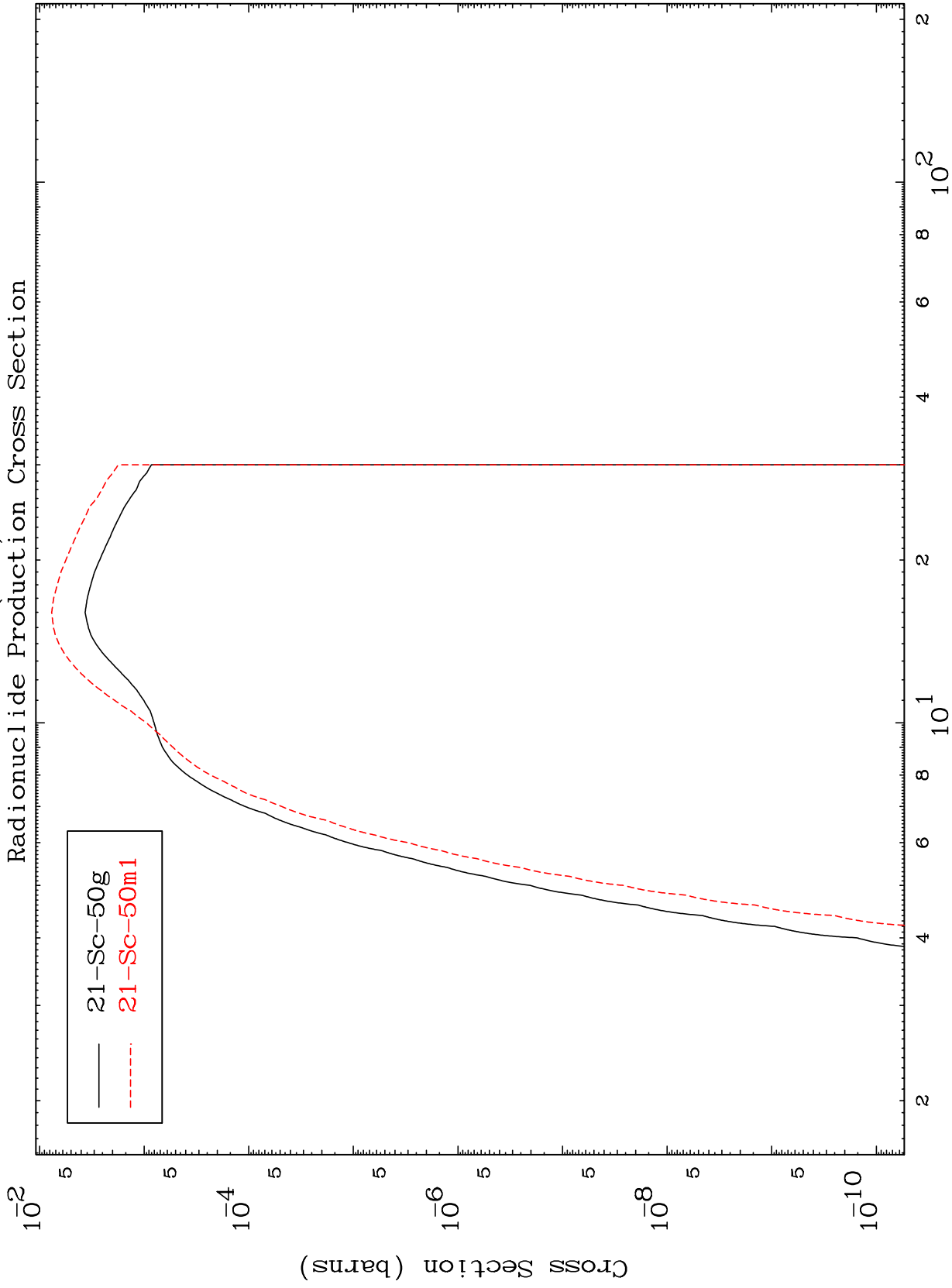
Radionuclide Production Cross Section



MAT 2334

23-V -53

Radionuclide Production Cross Section  
(n,  $\alpha$ )



— 21-Sc-50g  
- - - 21-Sc-50ml

23-V -53

Incident Energy (MeV)

100

