

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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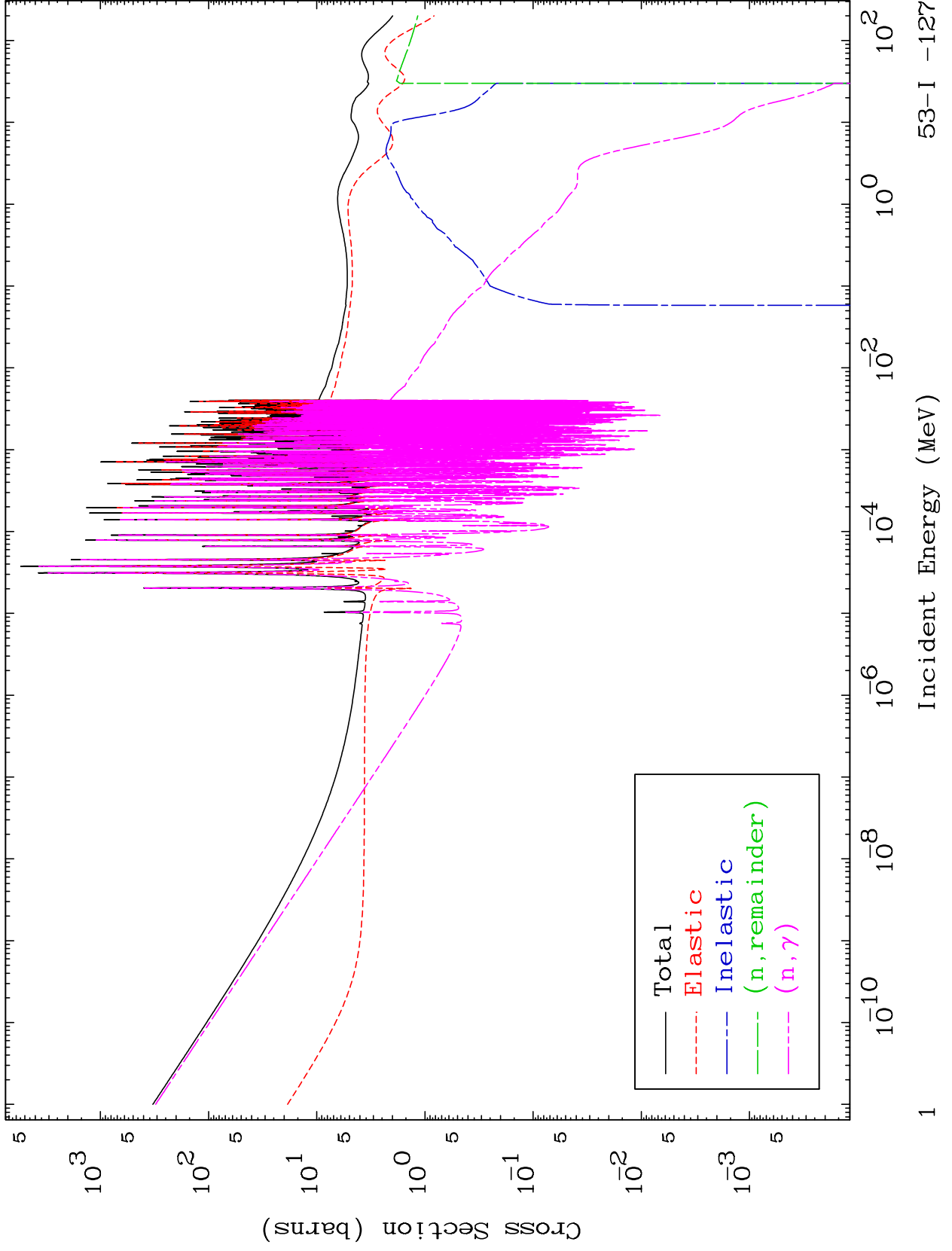
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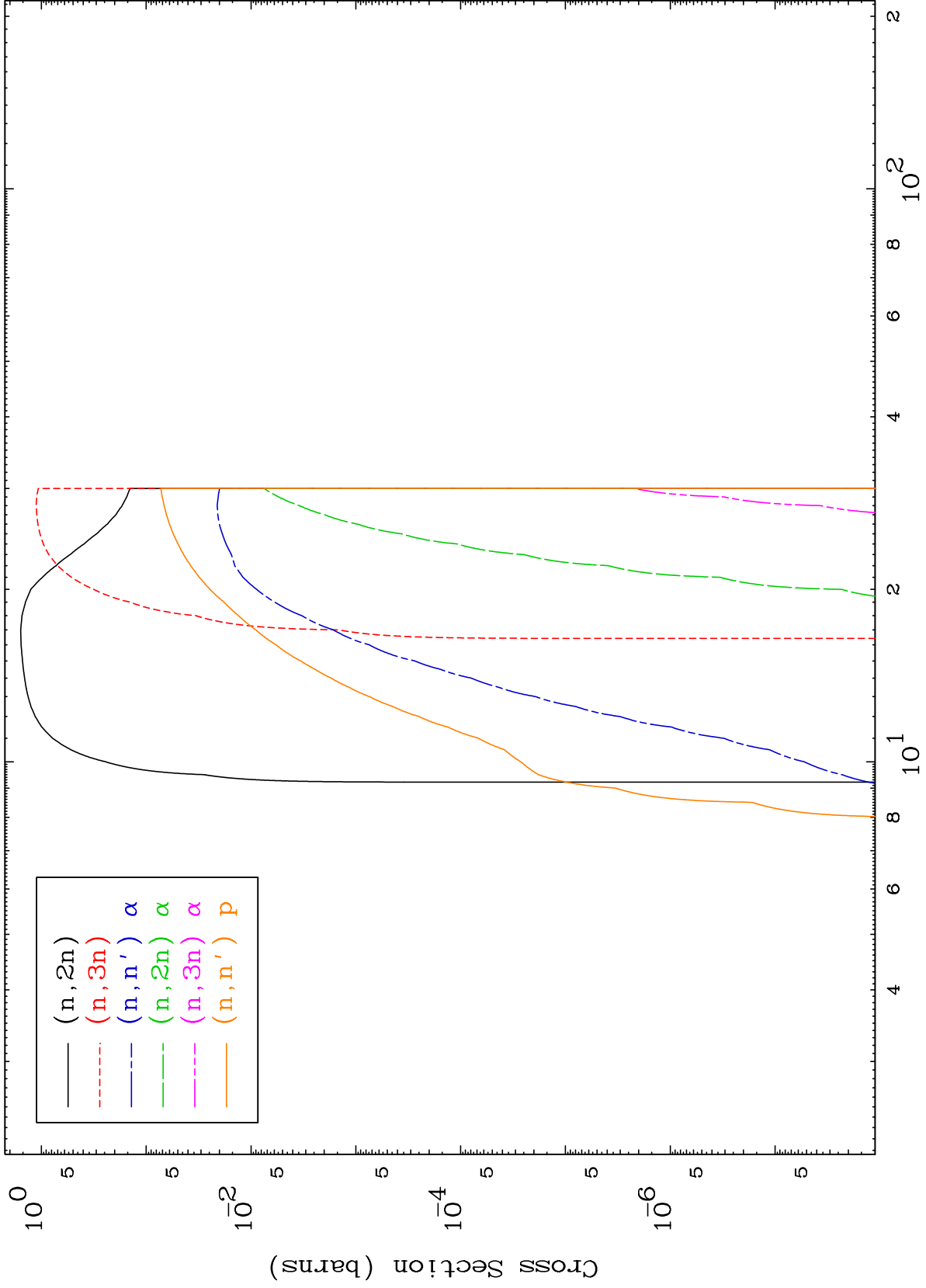
Press Mouse Button to Start

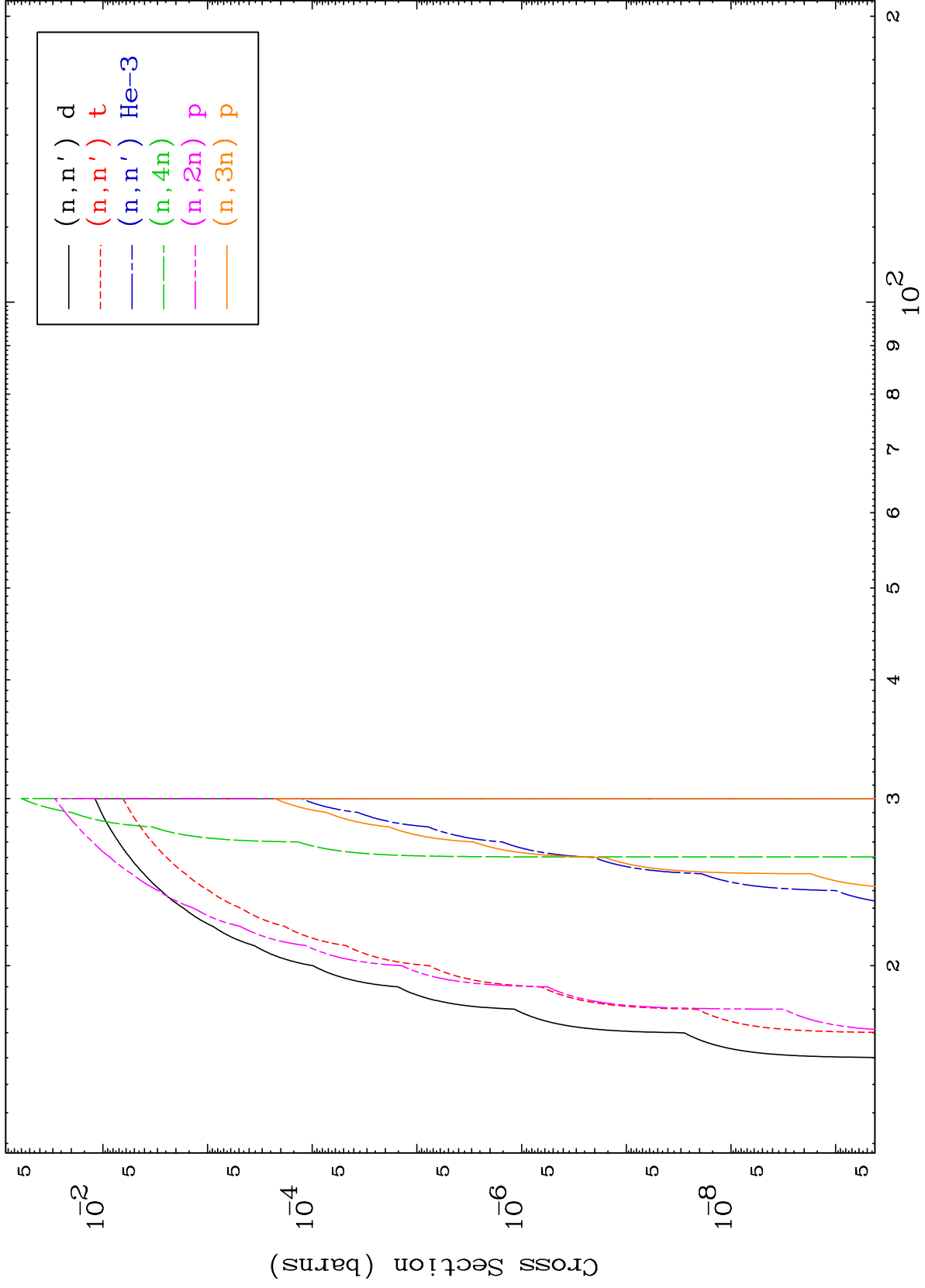
MAT 5325

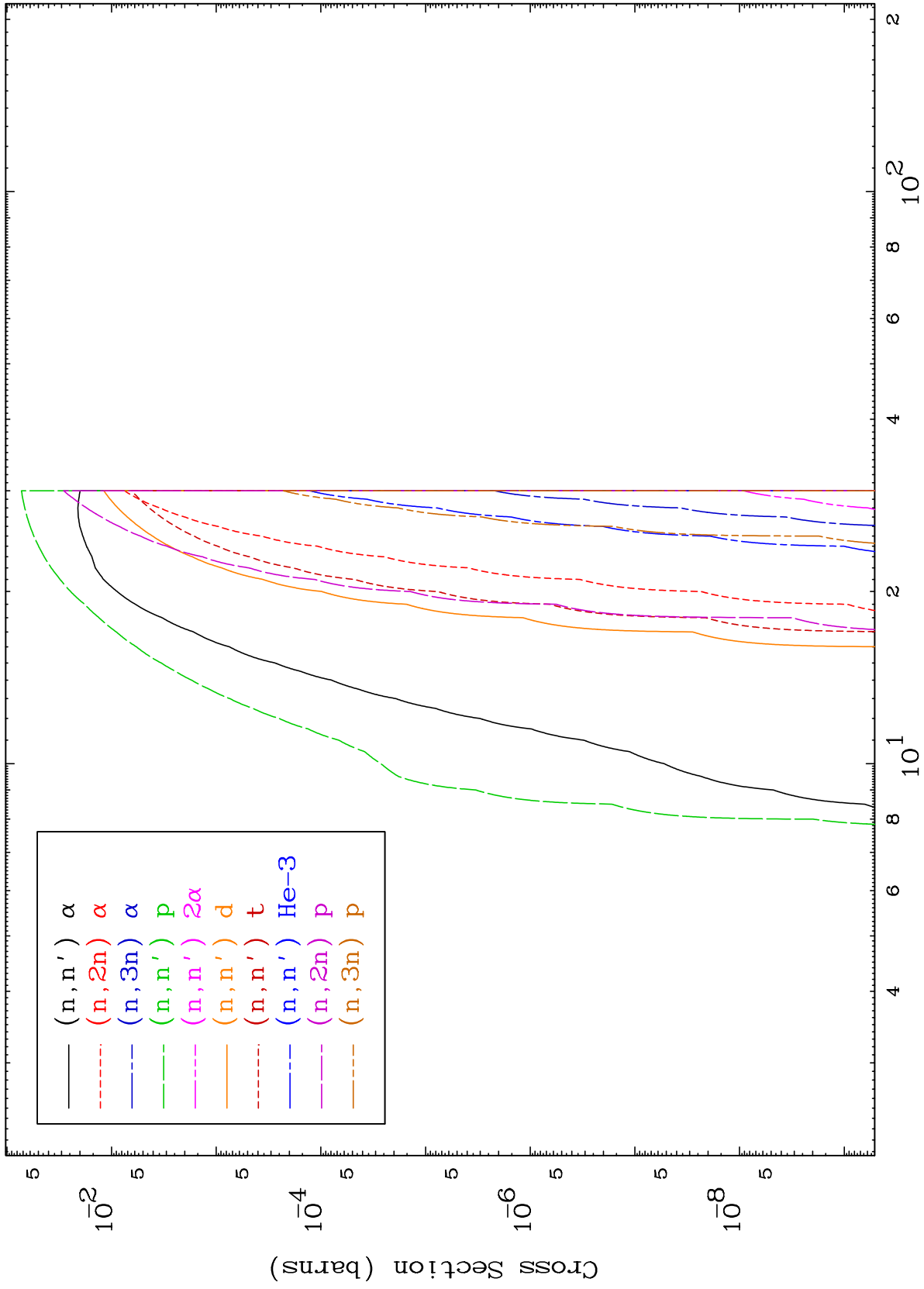
Major  
293 Kelvin Cross Sections

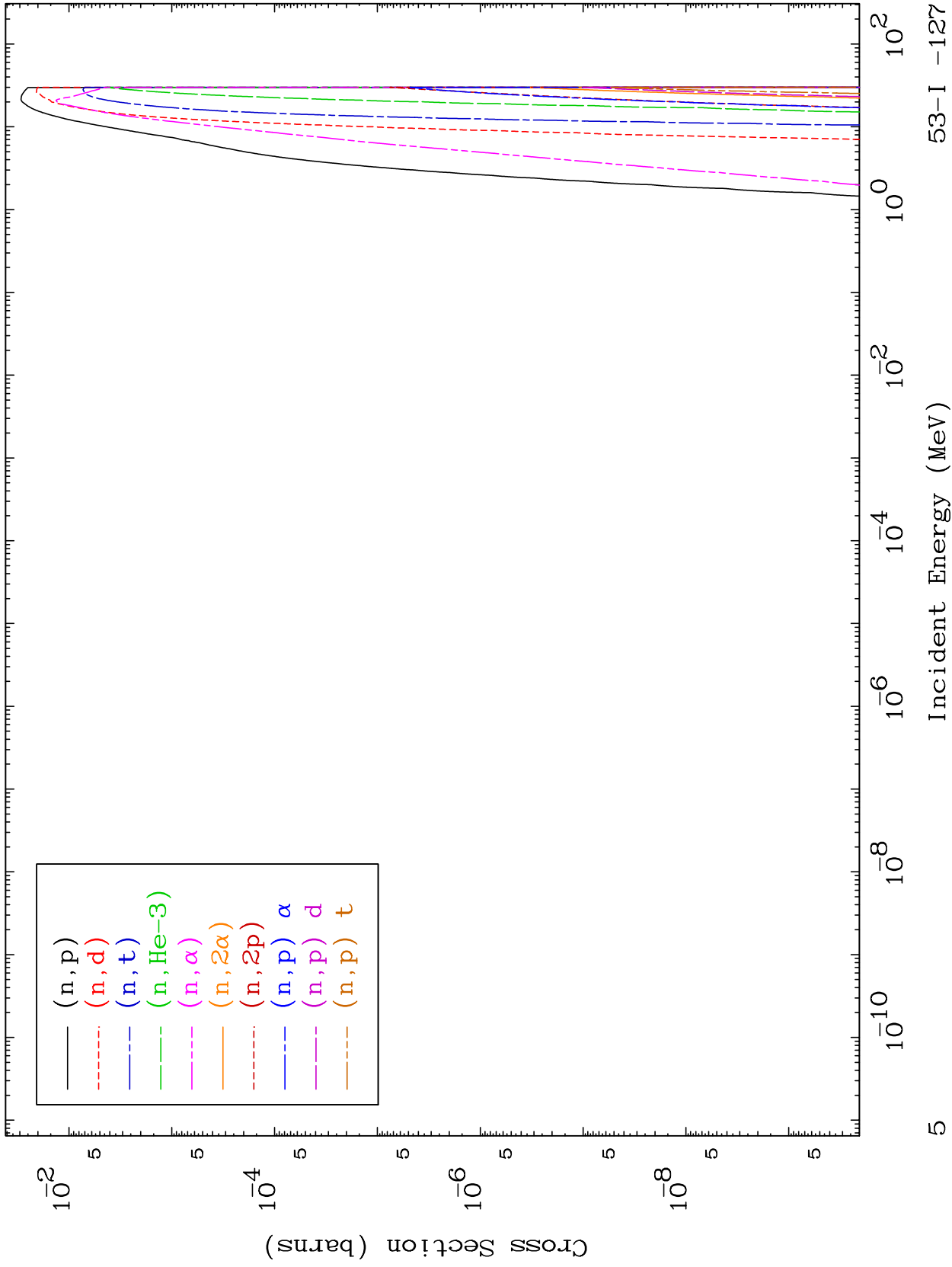
53-I -127

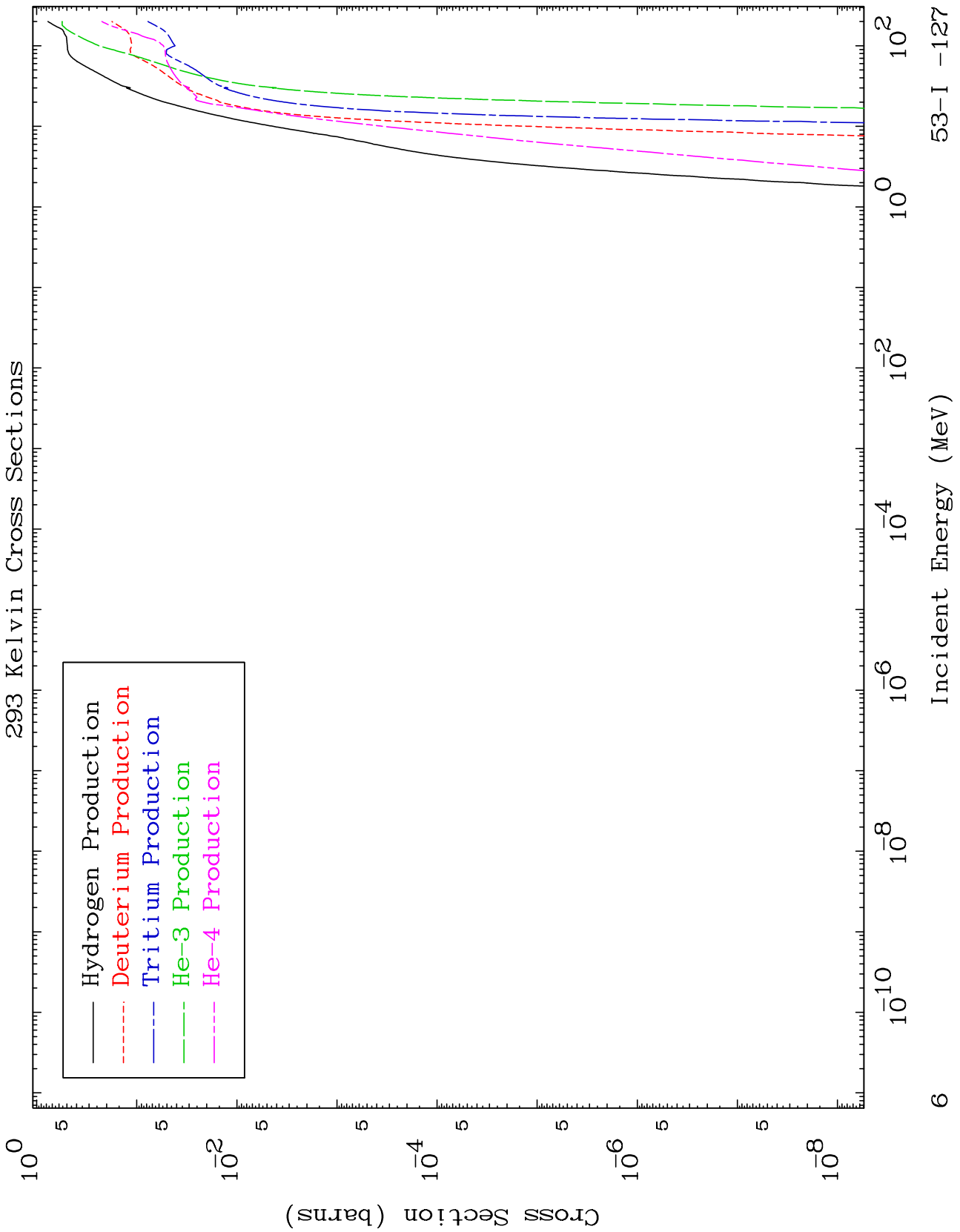


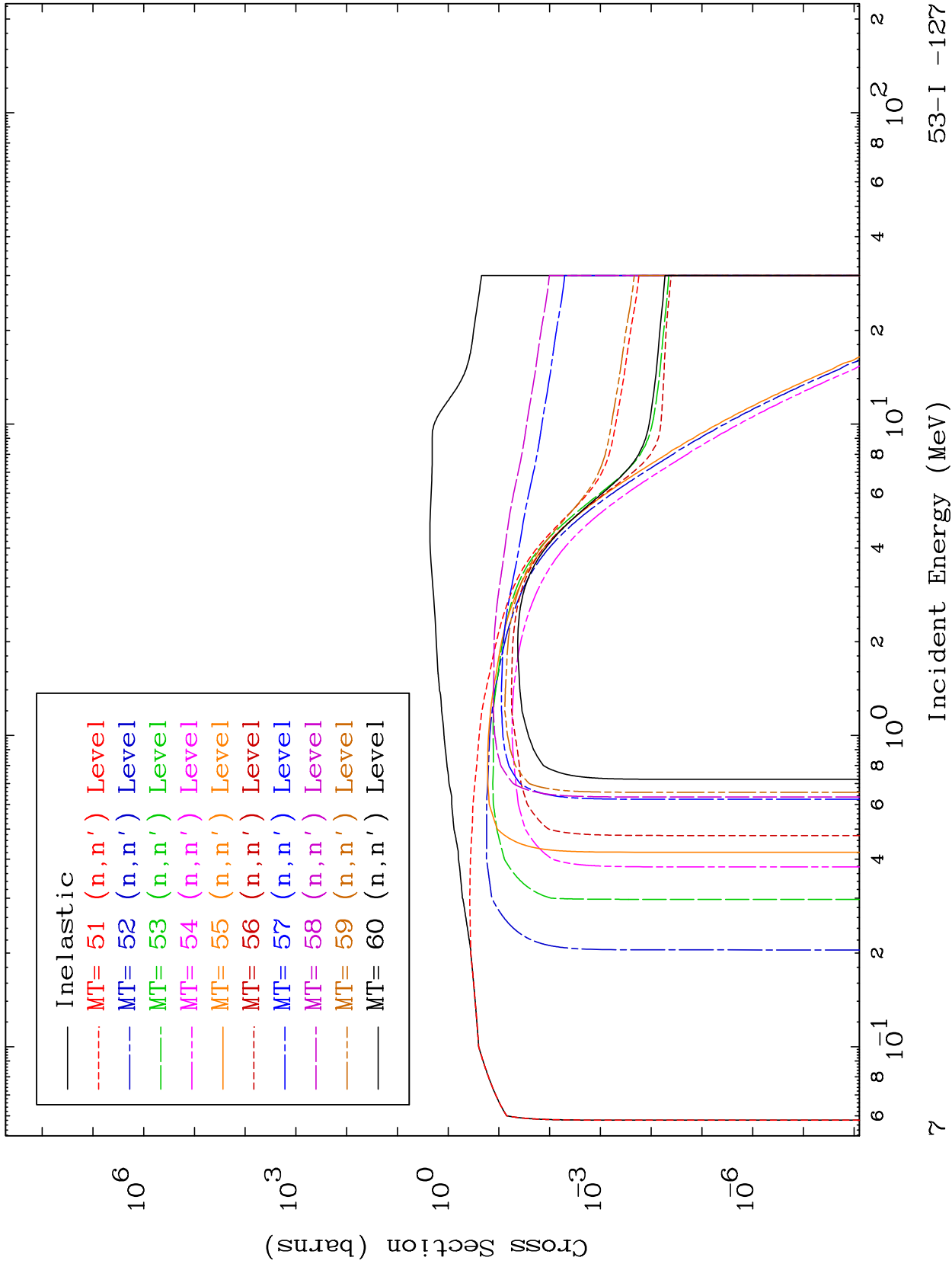










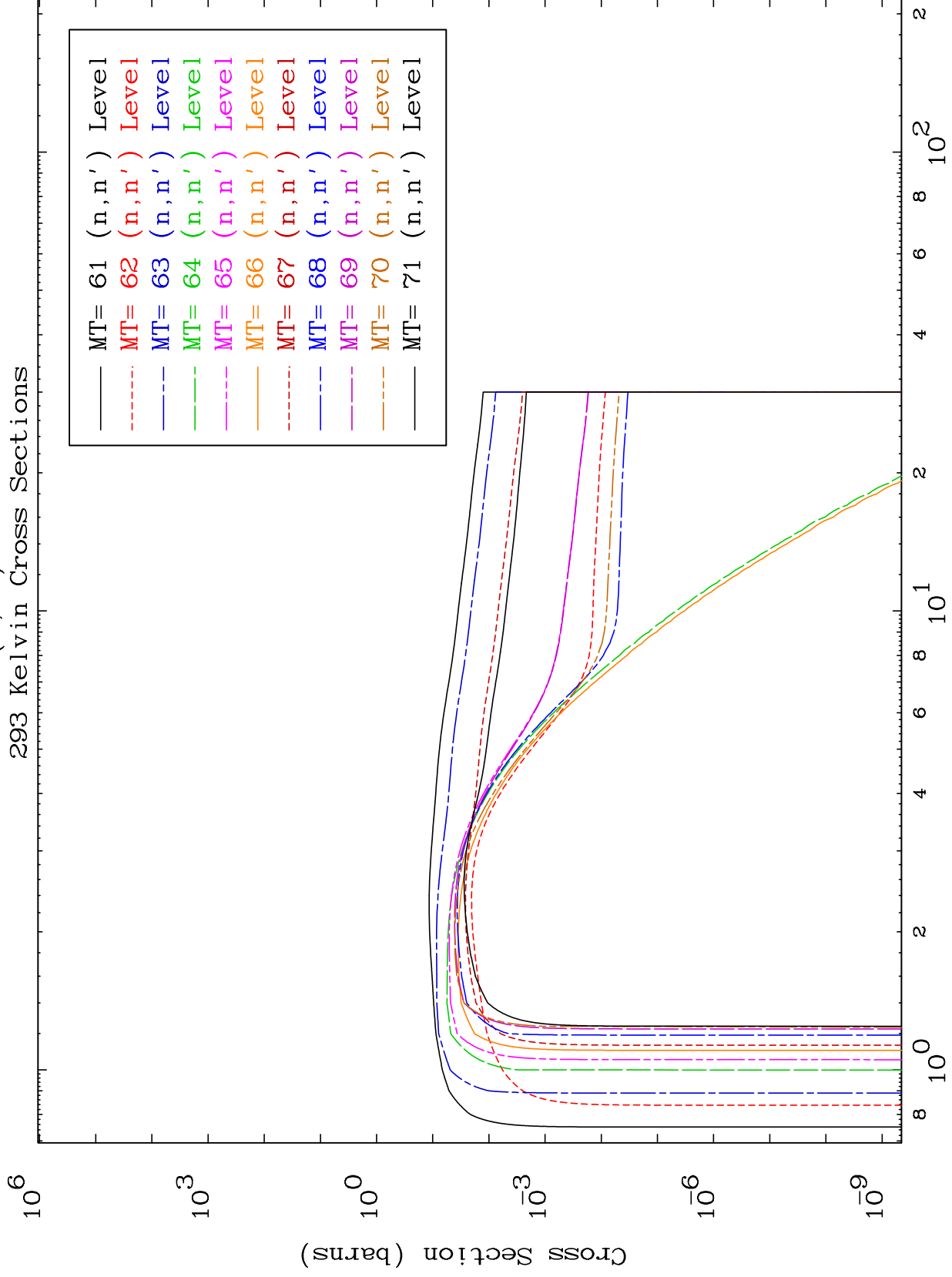


MAT 5325

(n,n') Level

293 Kelvin Cross Sections

53-I -127

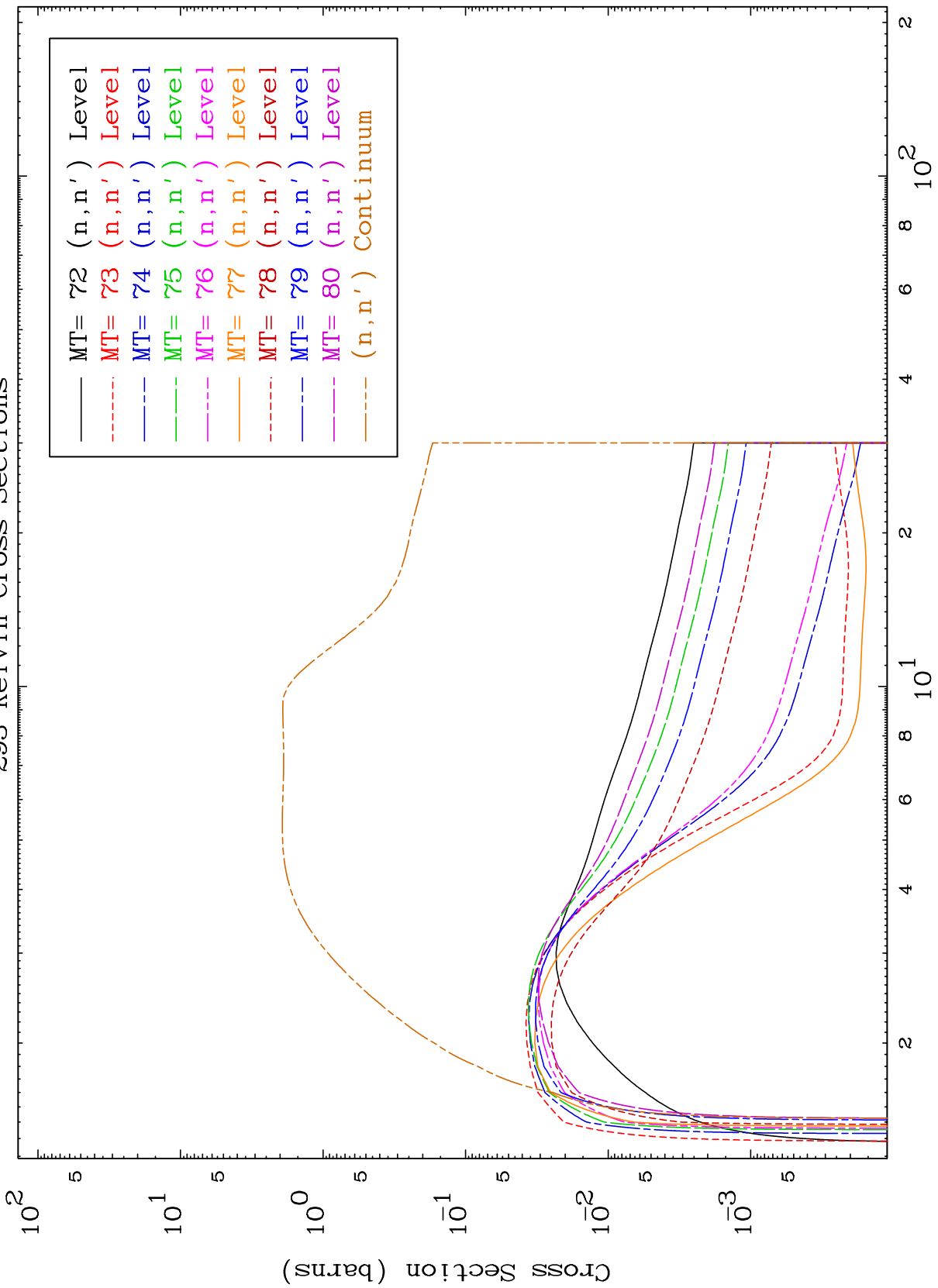


Incident Energy (MeV)

8

53-I -127

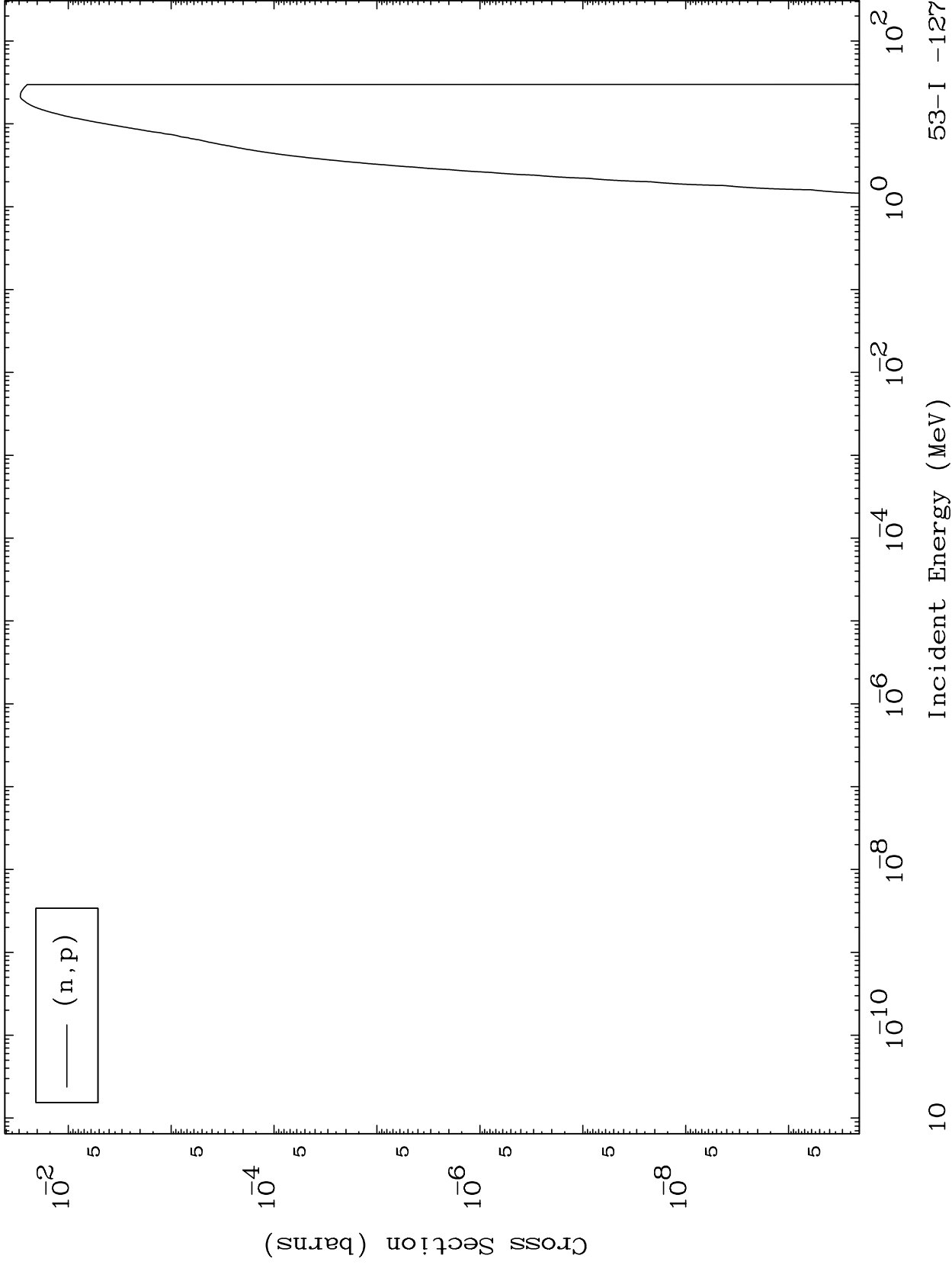
293 Kelvin Cross Sections



MAT 5325

(n,p) Levels  
293 Kelvin Cross Sections

53-I -127



10

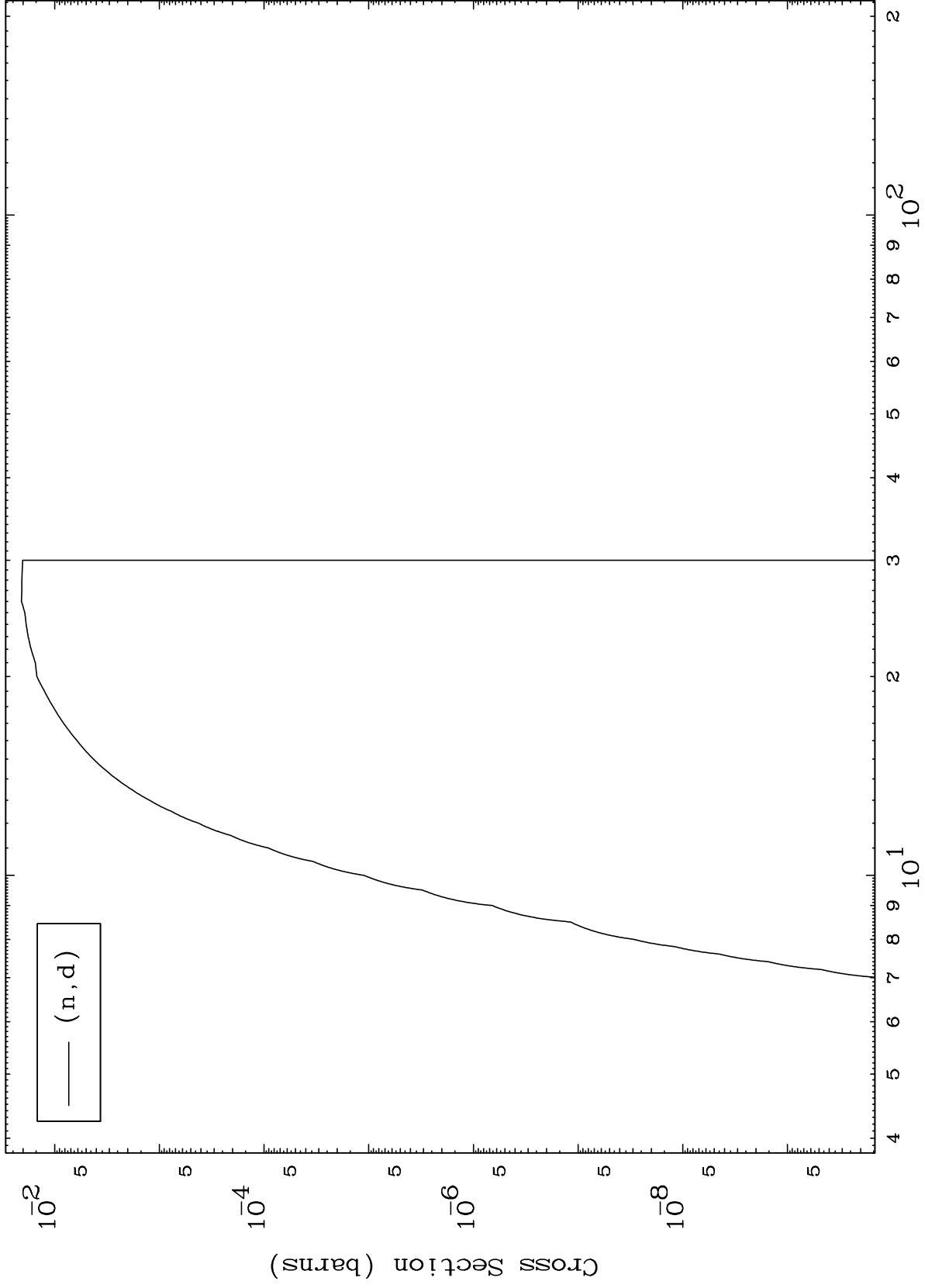
Incident Energy (MeV)

53-I -127

MAT 5325

(n,d) Levels  
293 Kelvin Cross Sections

53-I -127



11

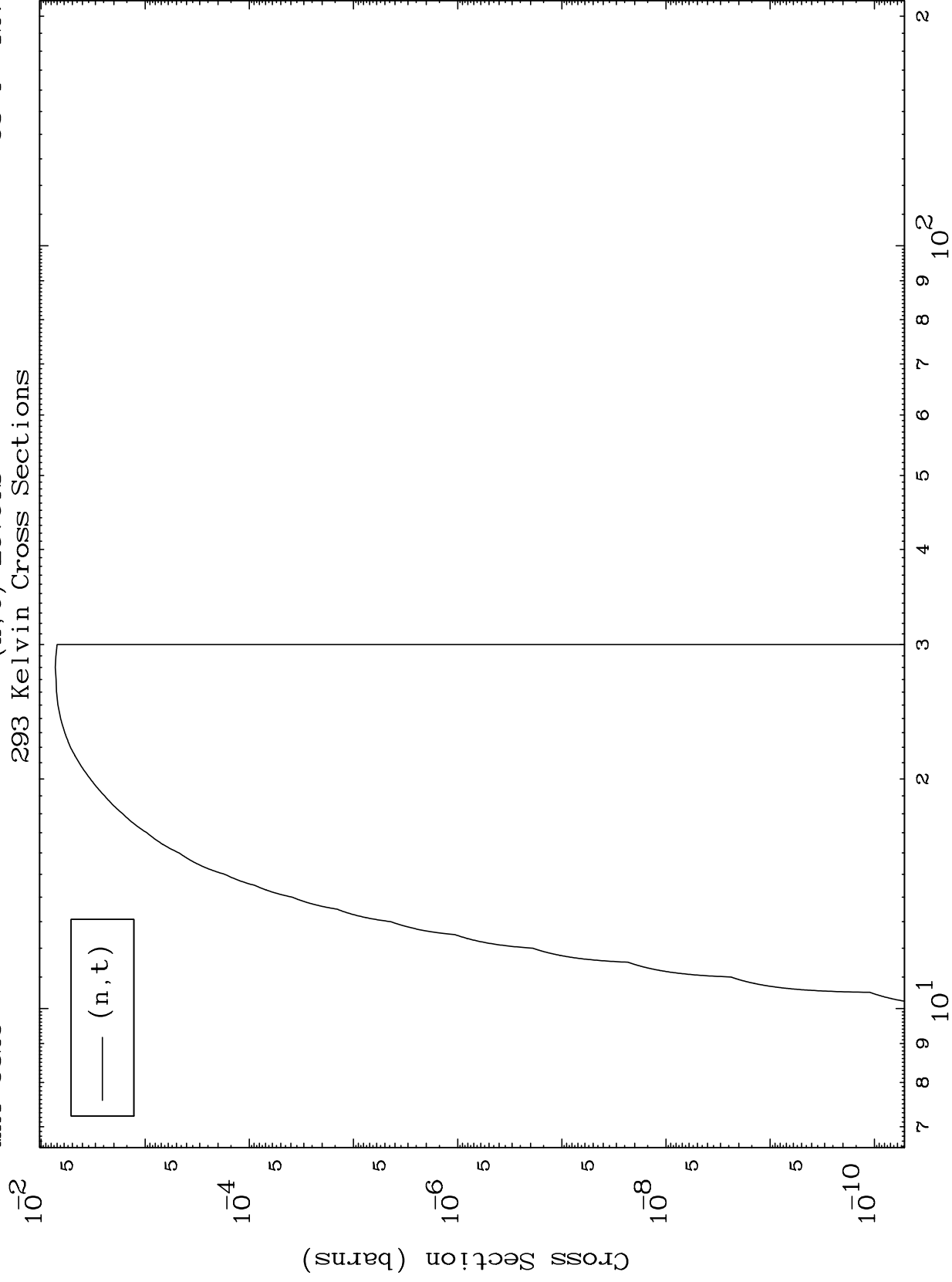
Incident Energy (MeV)

53-I -127

MAT 5325

(n,t) Levels  
293 Kelvin Cross Sections

53-I -127



12

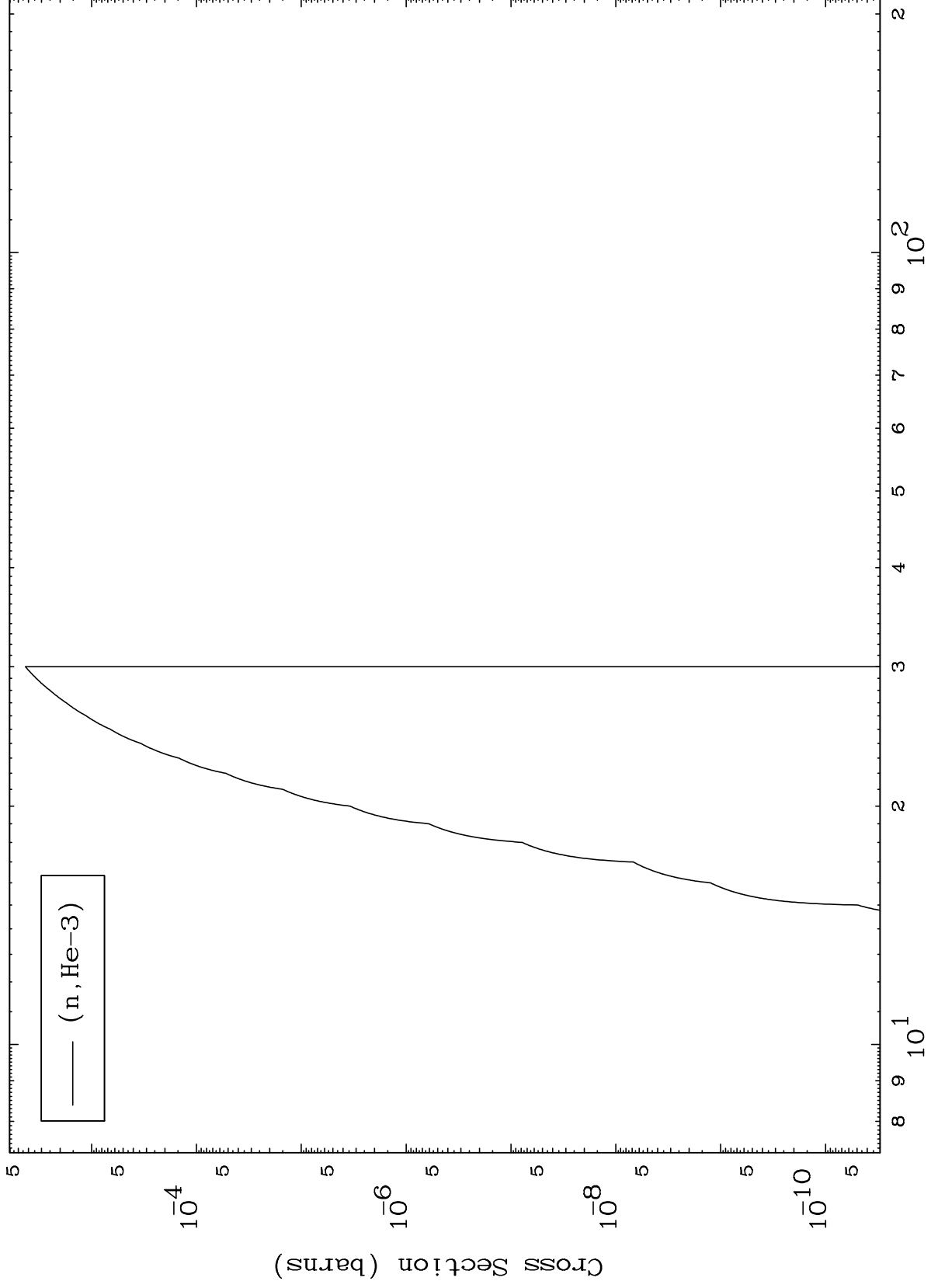
Incident Energy (MeV)

53-I -127

MAT 5325

(n,He3) Levels  
293 Kelvin Cross Sections

53-I -127



13

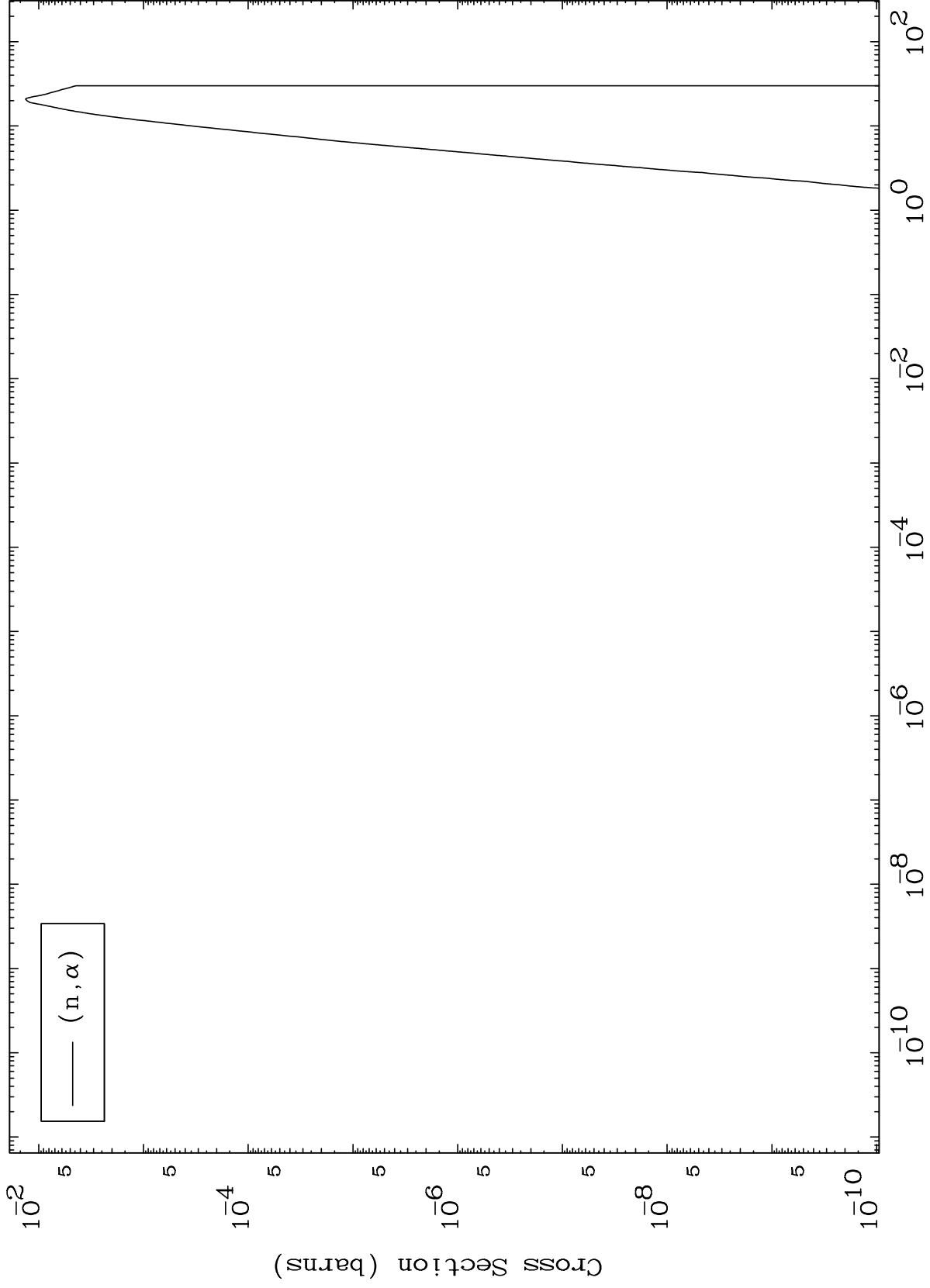
Incident Energy (MeV)

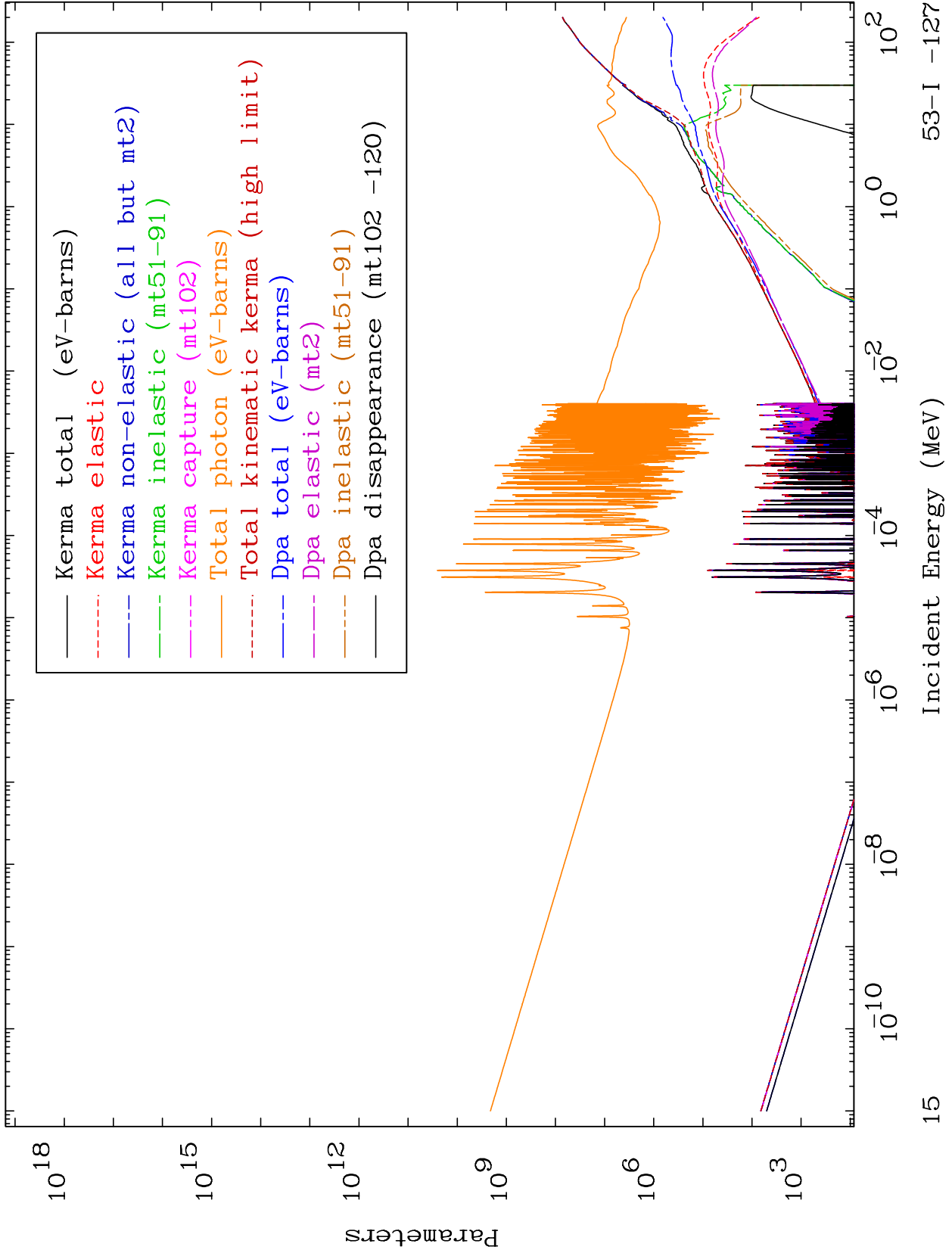
53-I -127

MAT 5325

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

53-I -127

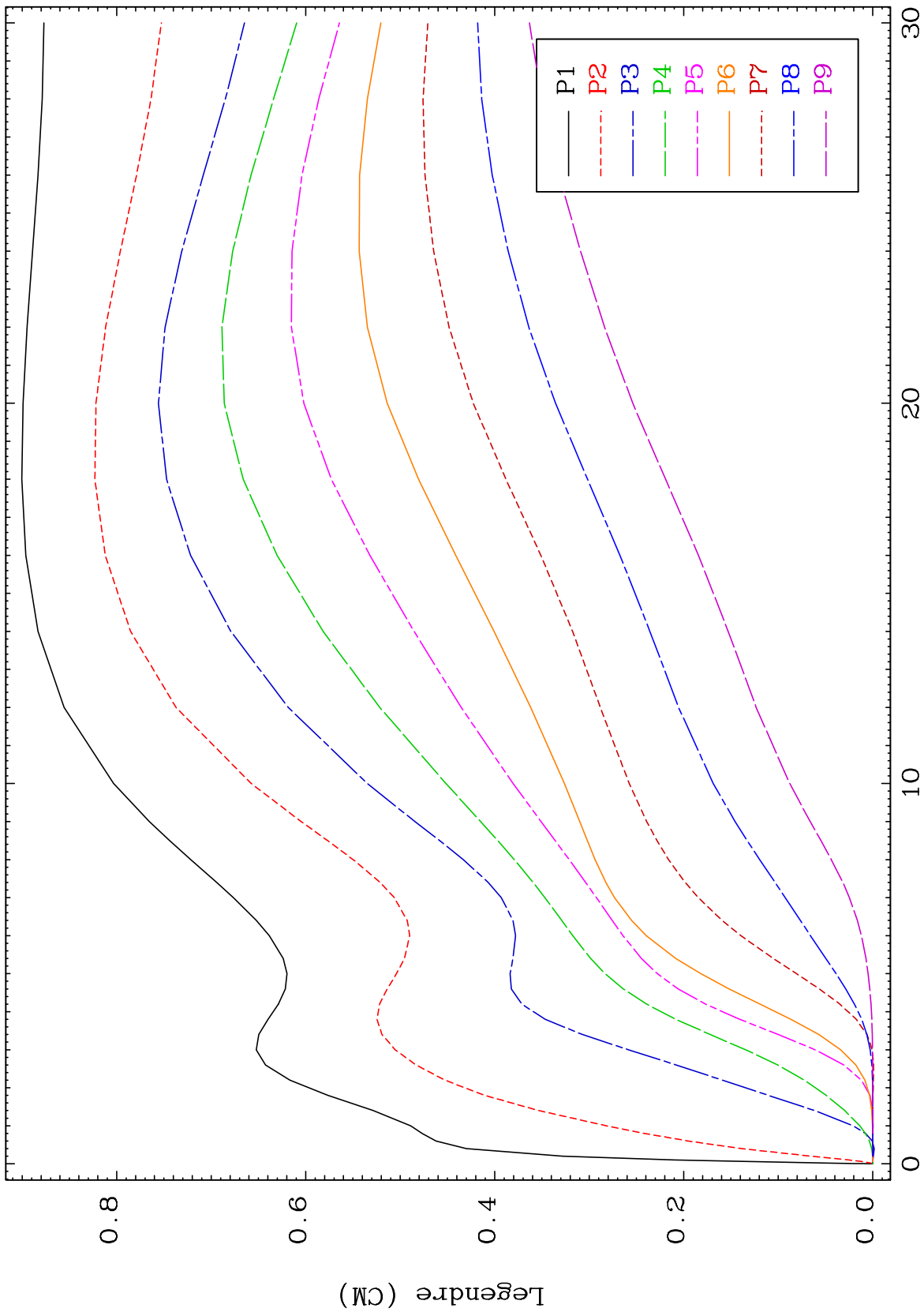




MAT 5325

Elastic Legendre Coefficients

53-I -127



16

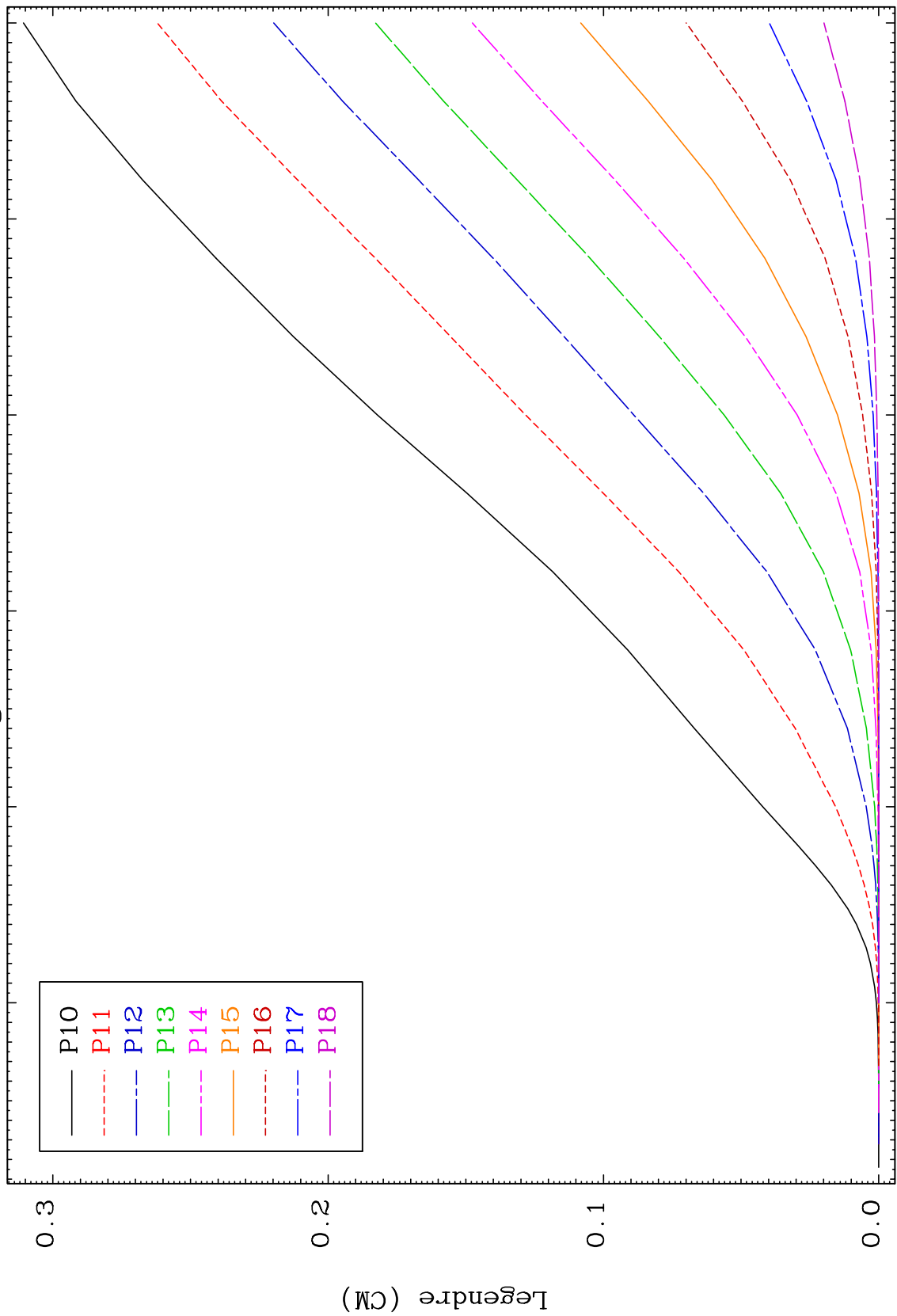
Incident Energy (MeV)

53-I -127

MAT 5325

Elastic  
Legendre Coefficients

53-I -127



17

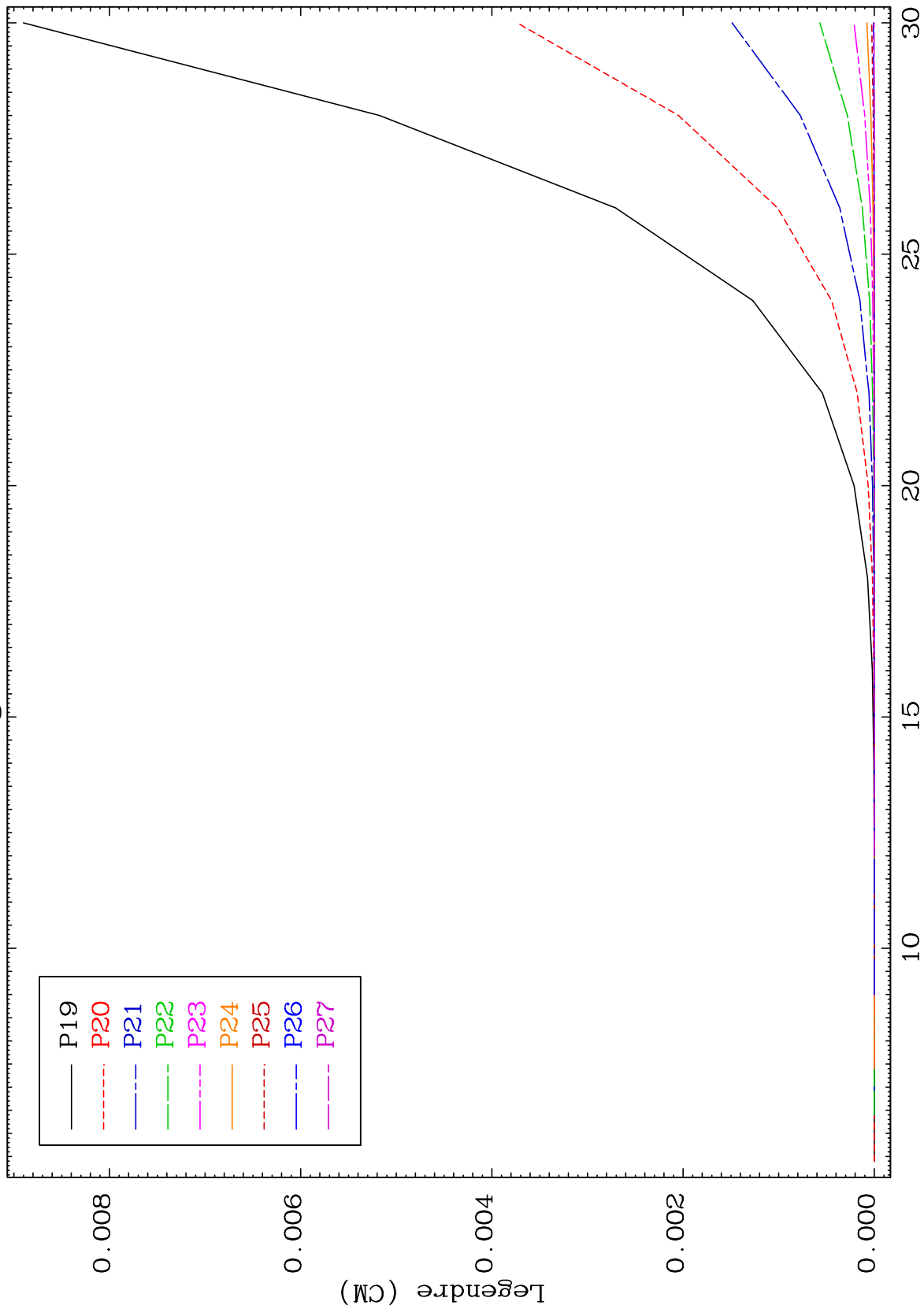
Incident Energy (MeV)

53-I -127

MAT 5325

### Elastic Legendre Coefficients

53-I -127



18

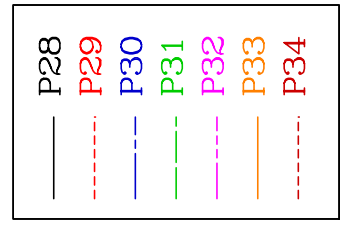
Incident Energy (MeV)

53-I -127

MAT 5325

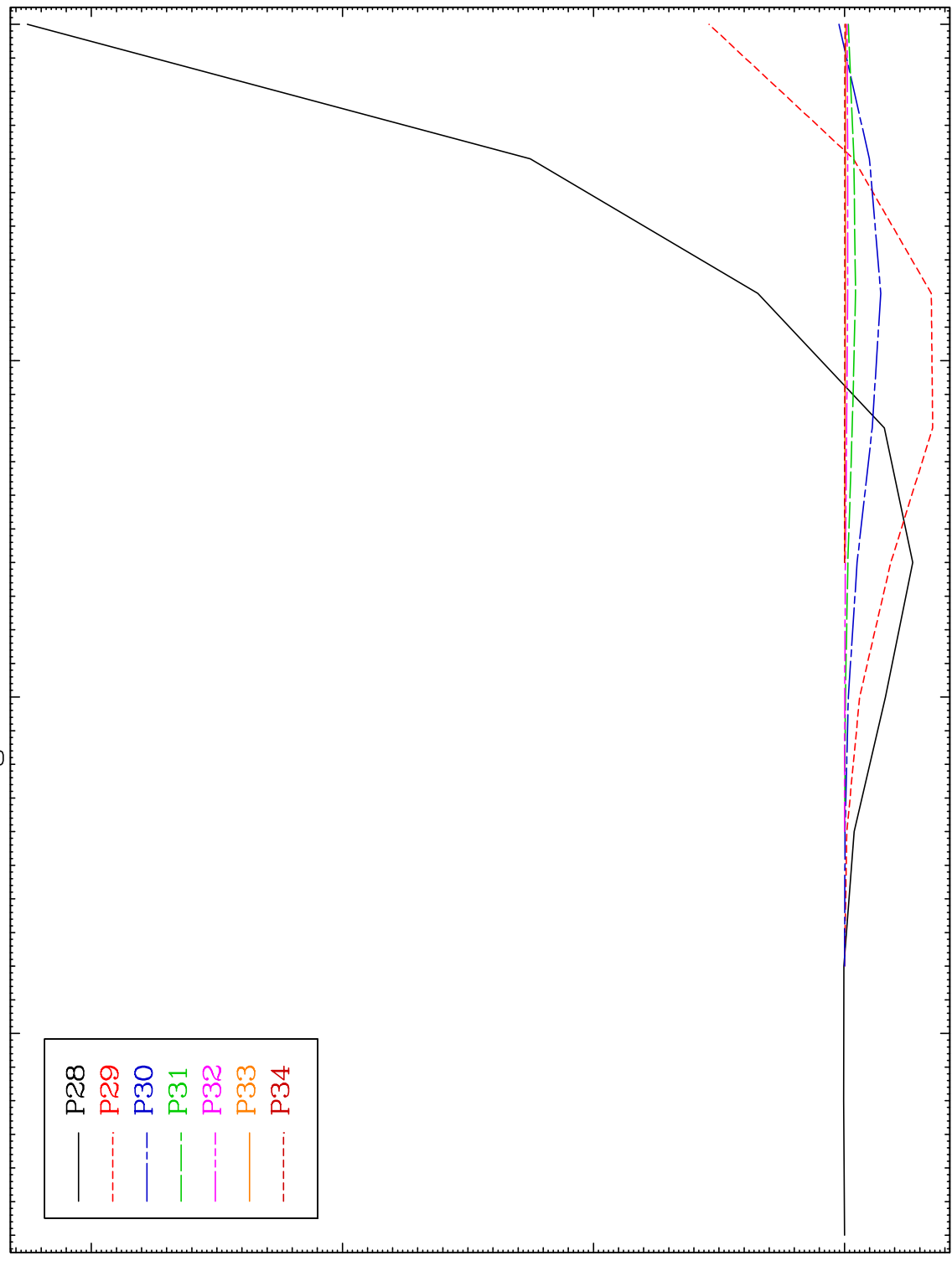
Elastic  
Legendre Coefficients

53-I -127



$\times 10^{-7}$

Legendre (CM)



15

20

25

30

19

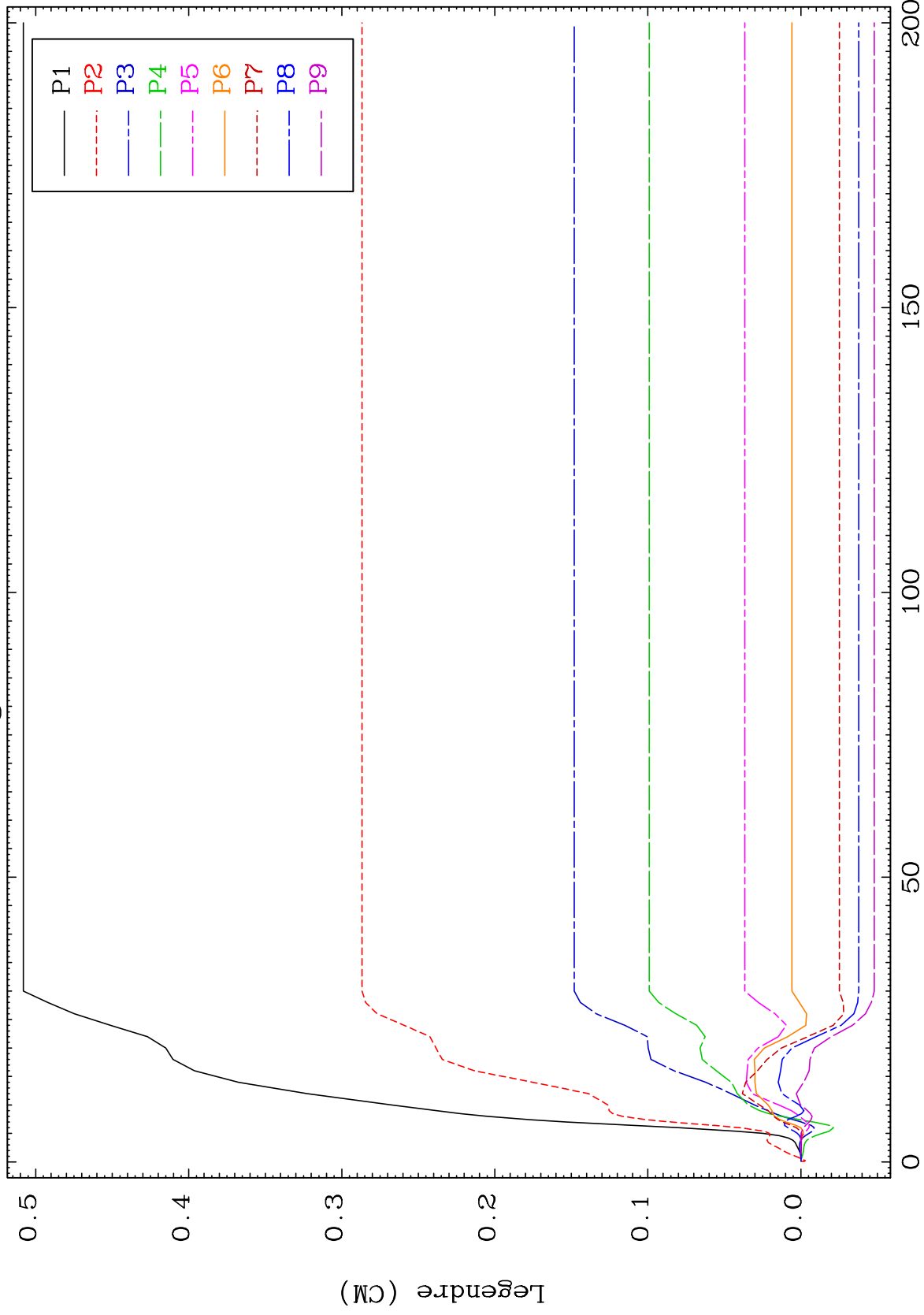
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



53-I -127

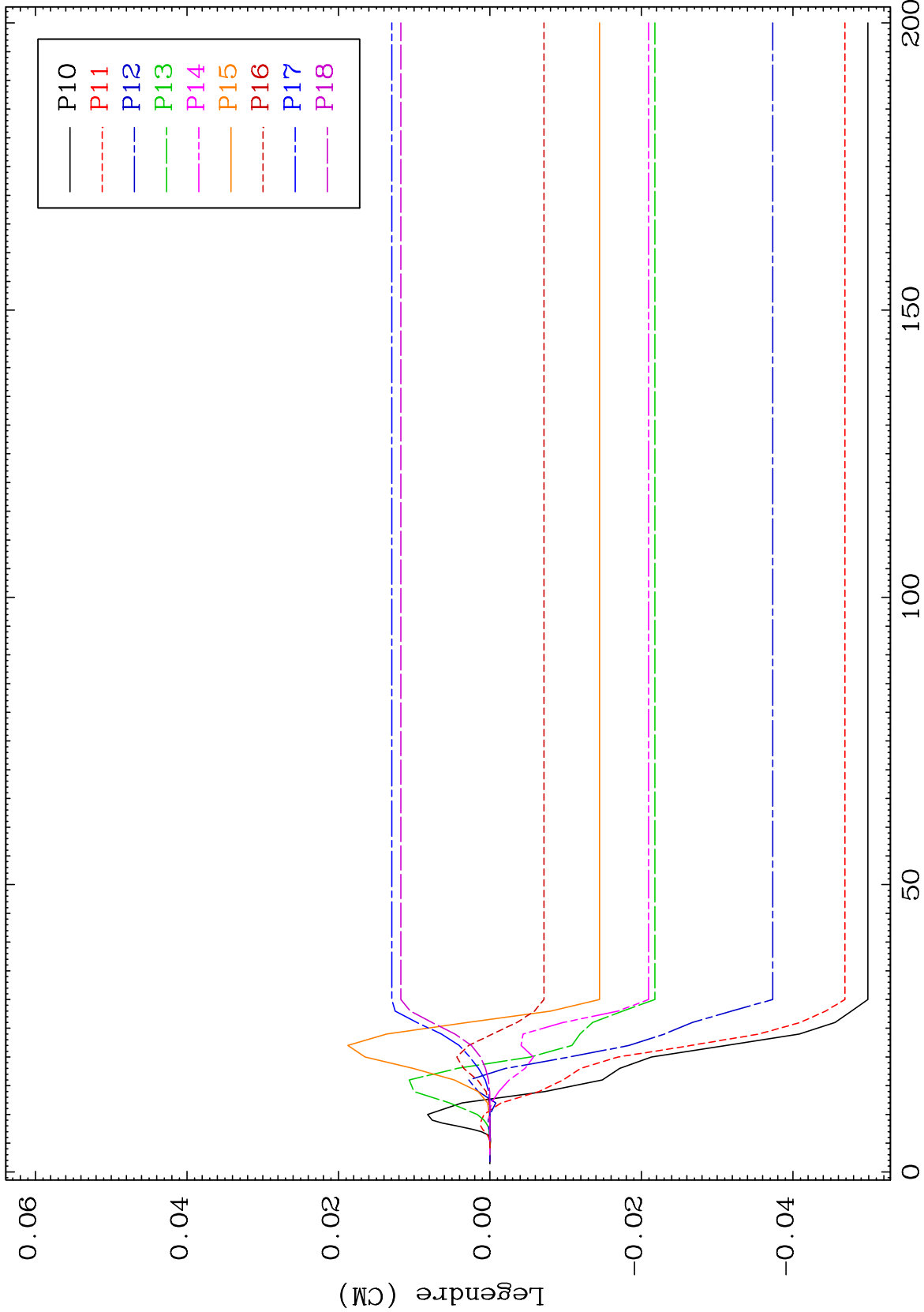
Incident Energy (MeV)

20

MAT 5325

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

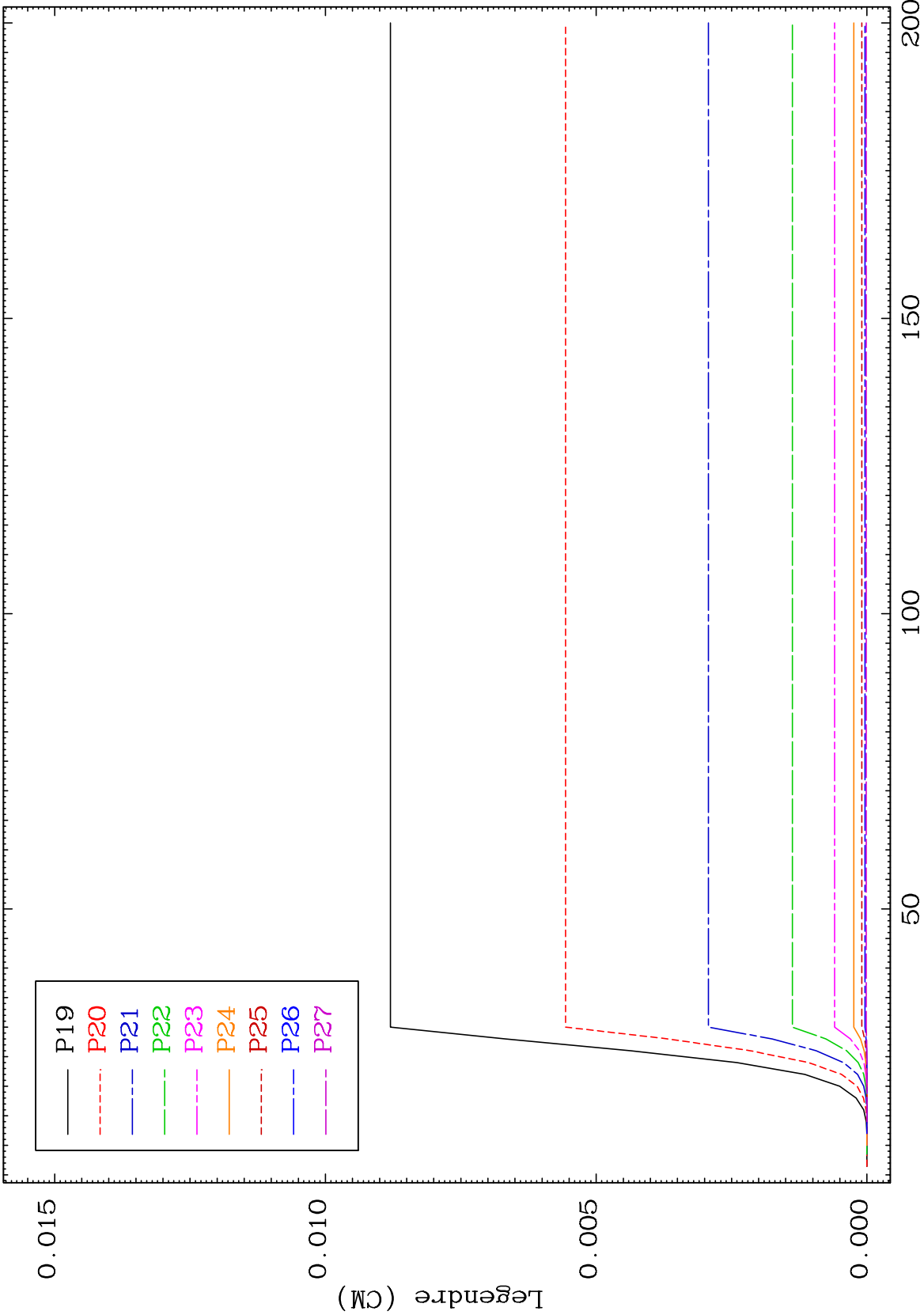
53-I -127

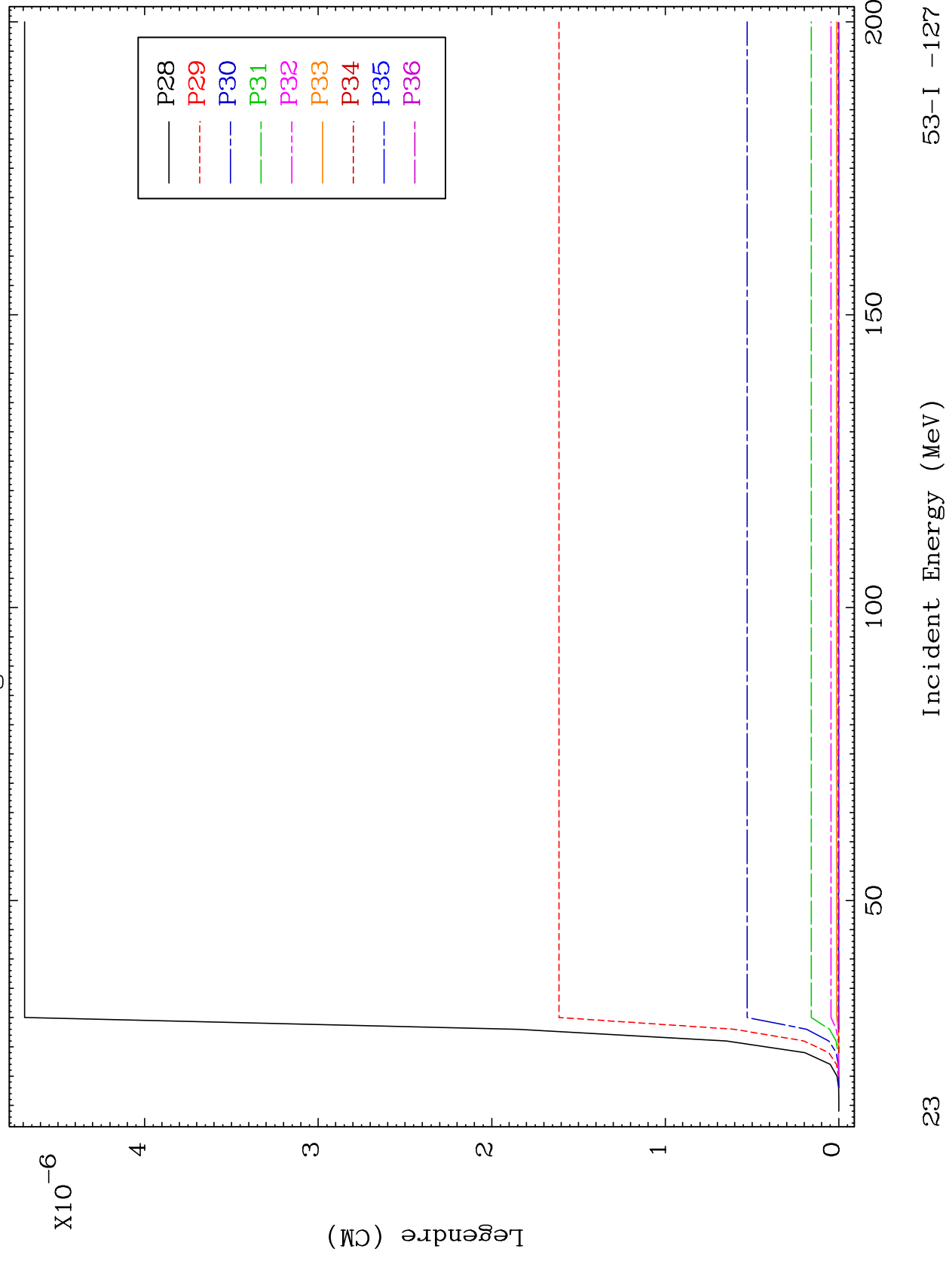


21

Incident Energy (MeV)

53-I -127

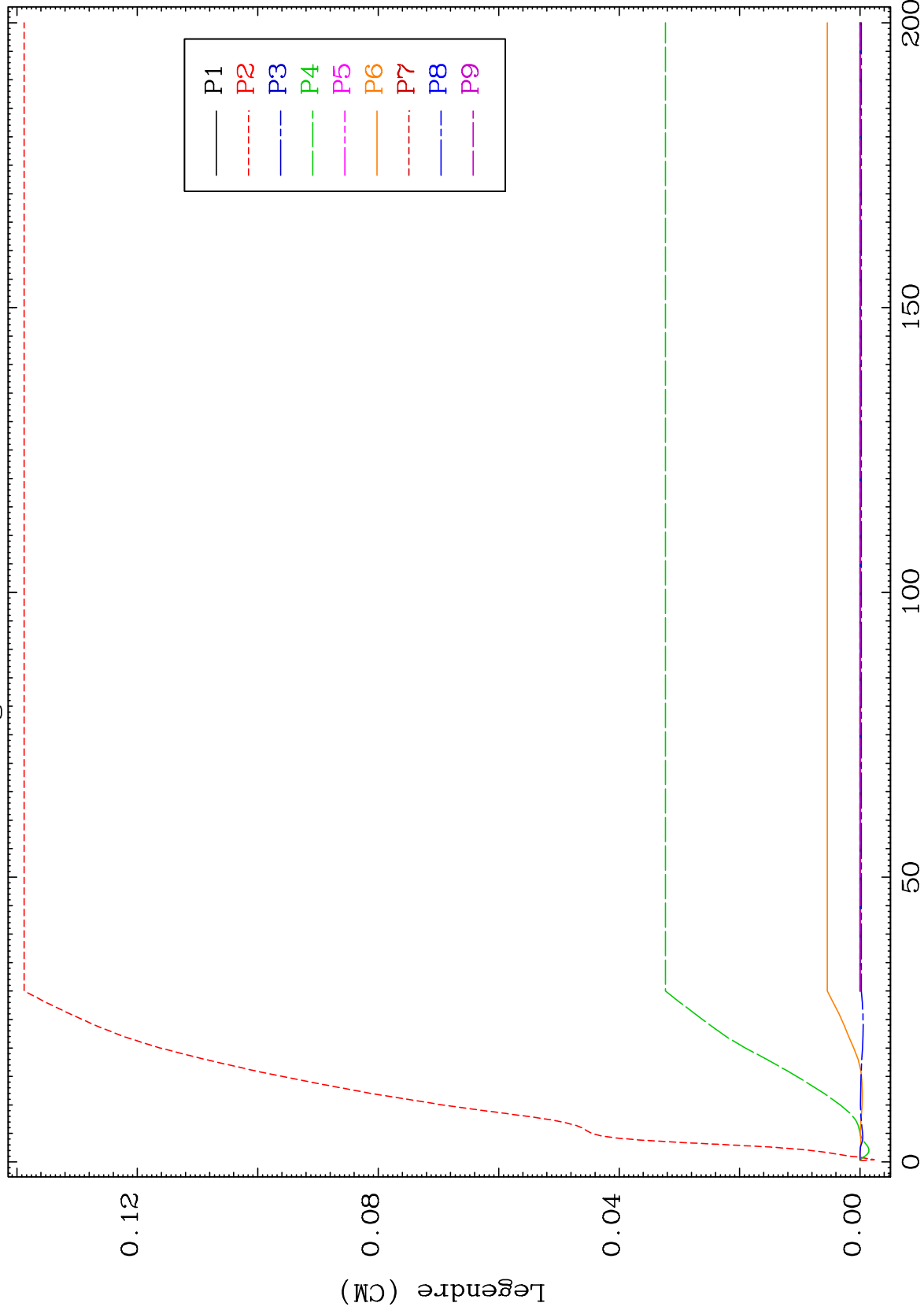




MAT 5325

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

53-I -127



24

Incident Energy (MeV)

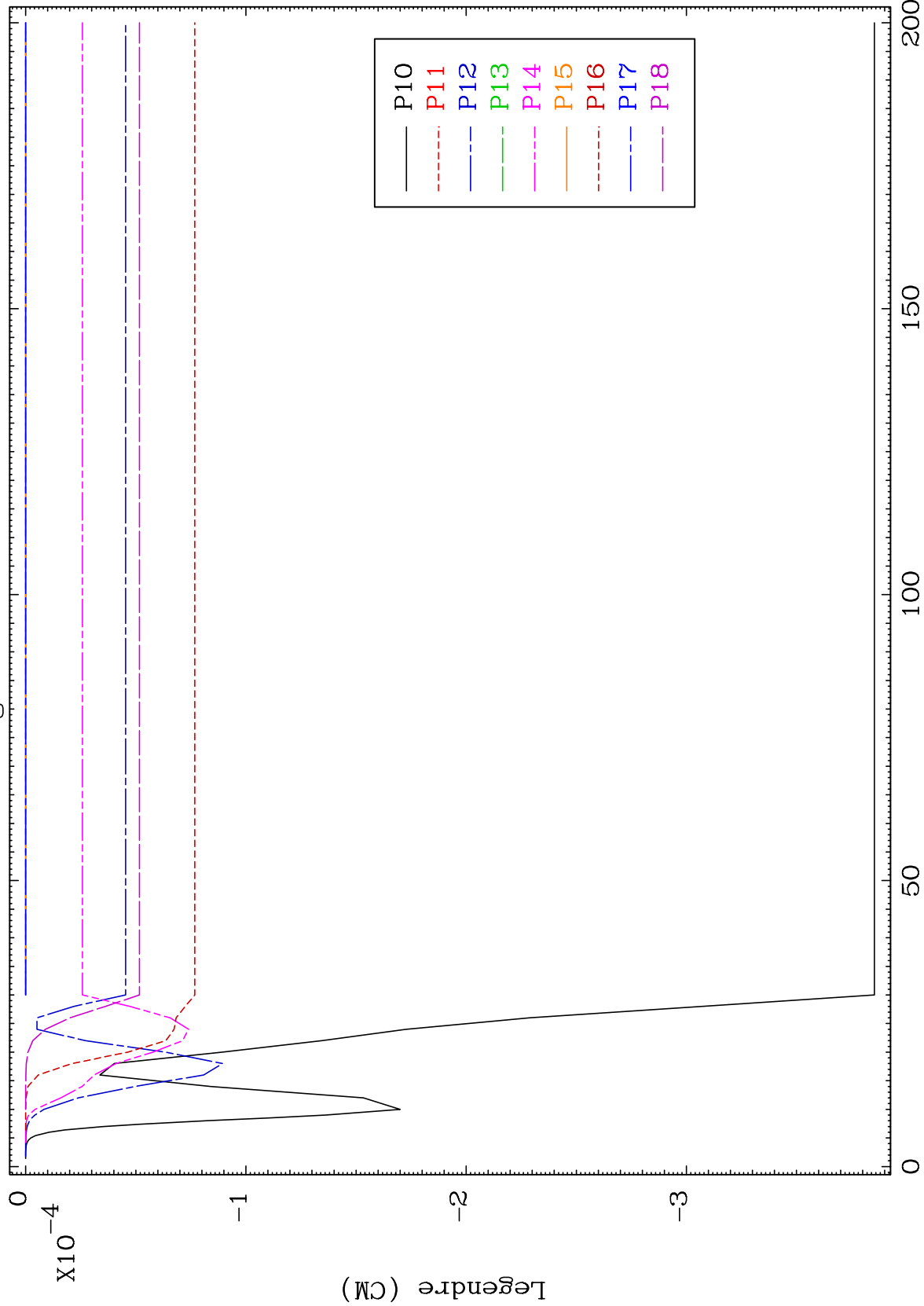
53-I -127

MAT 5325

MT= 52 (n,n') Level

53-I -127

Legendre Coefficients



25

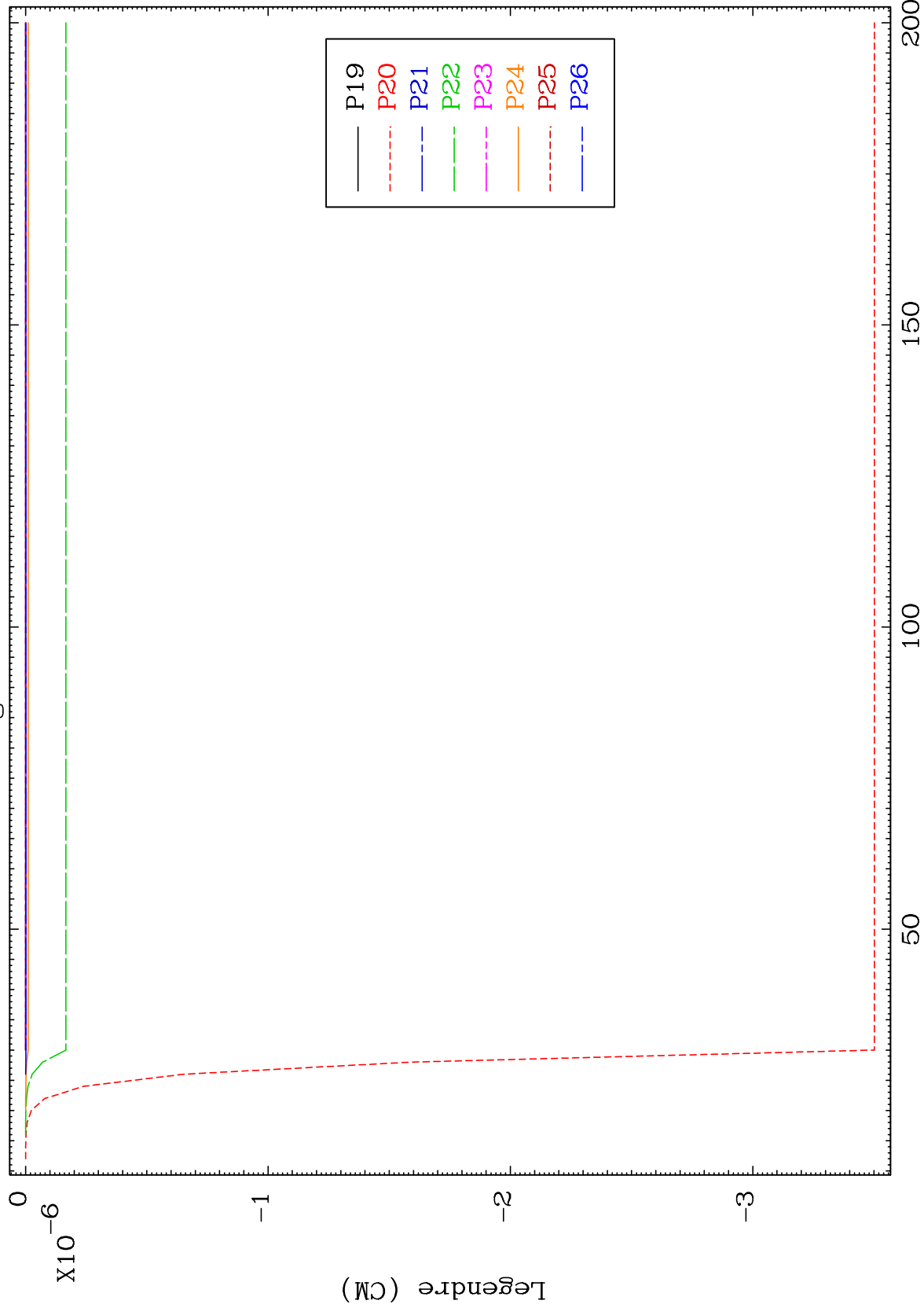
Incident Energy (MeV)

53-I -127

MAT 5325

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

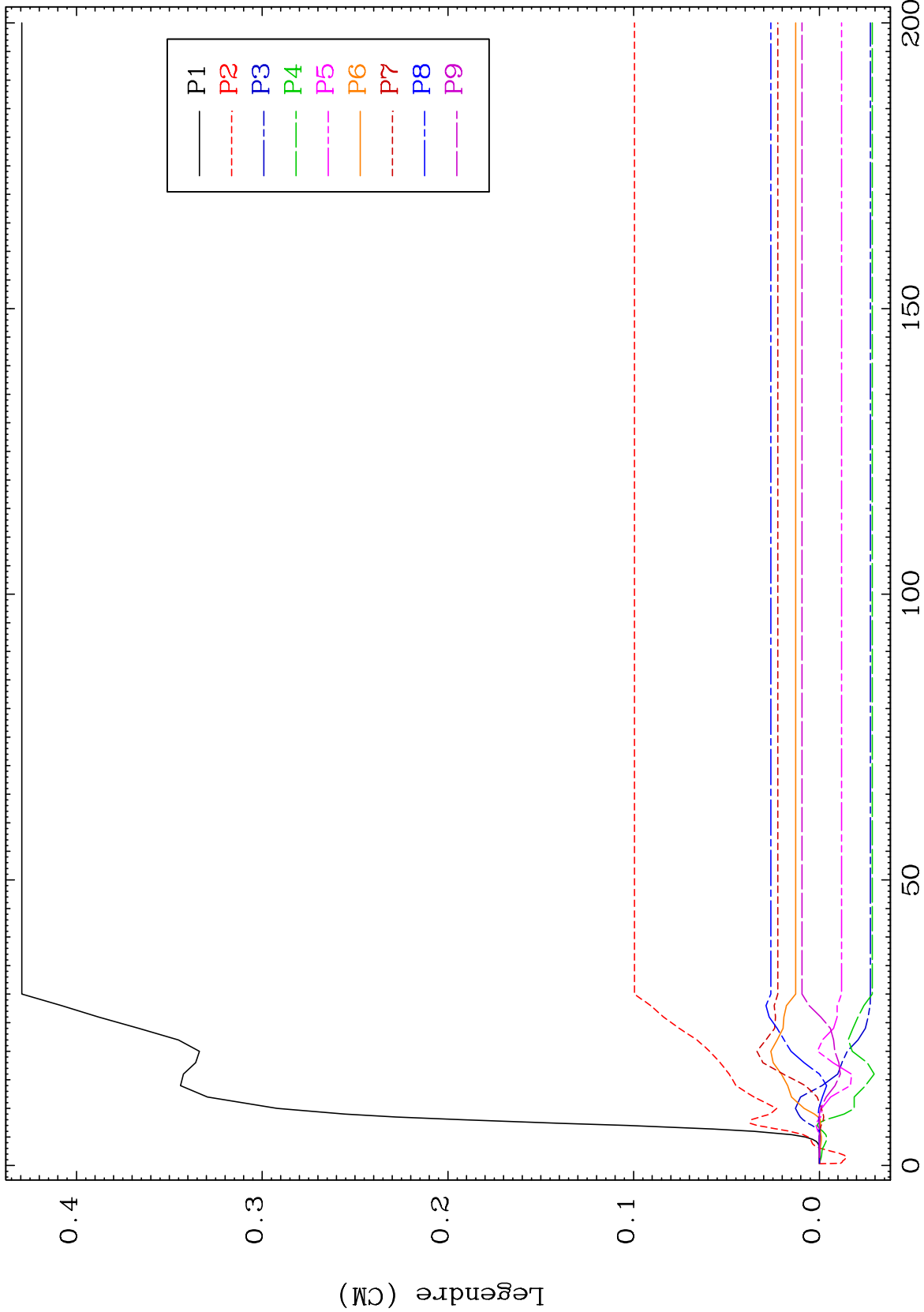
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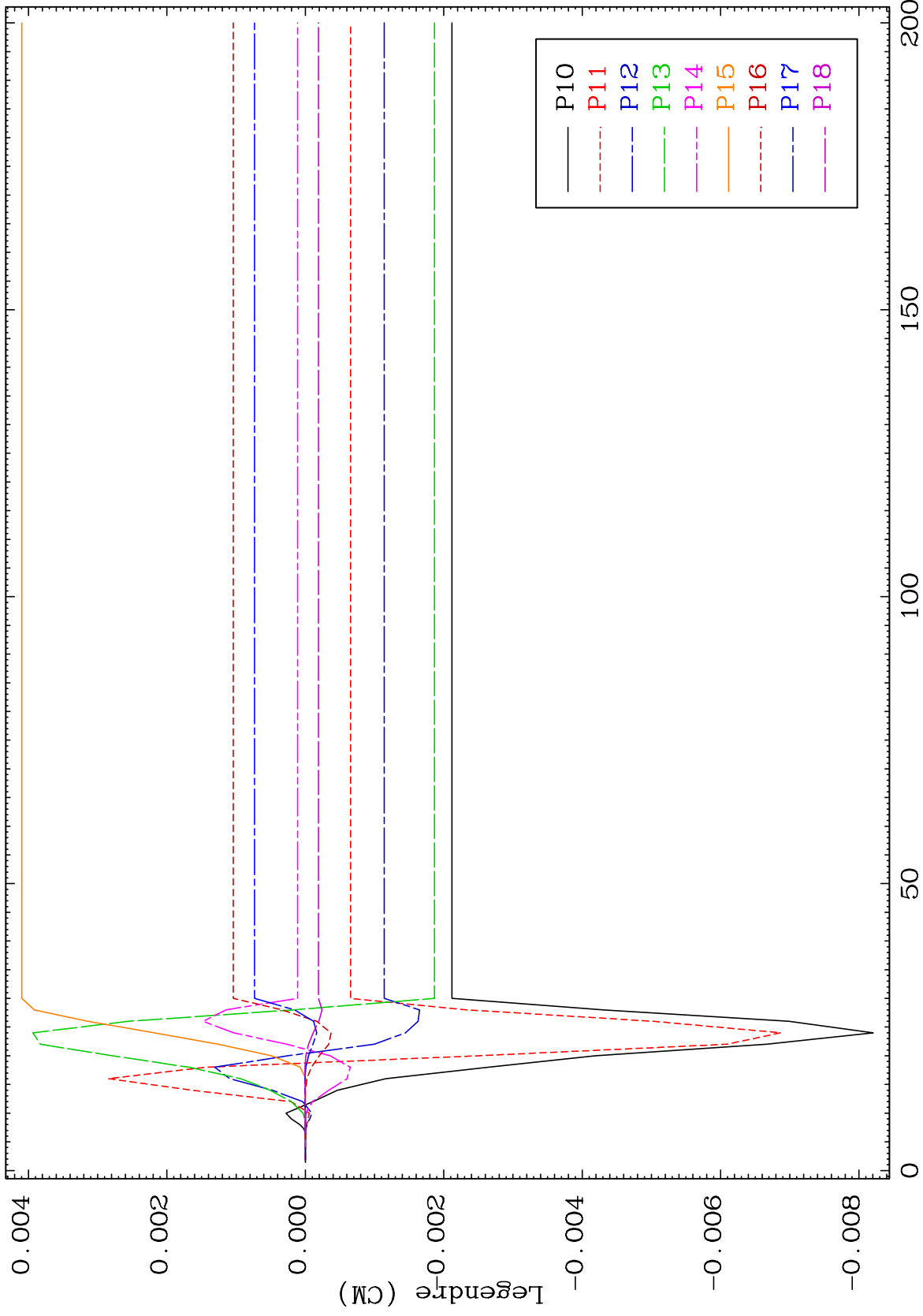


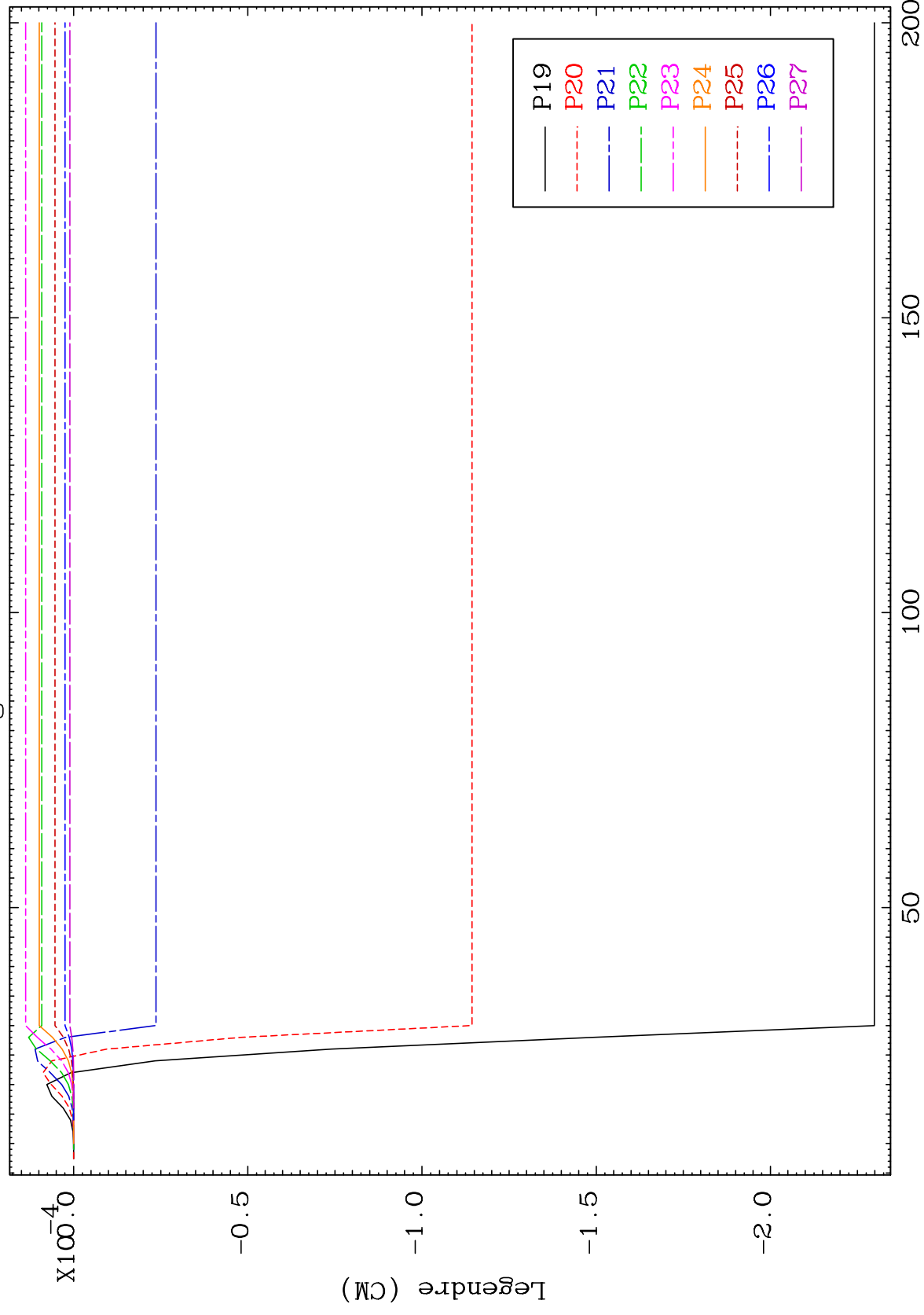
26

Incident Energy (MeV)

53-I -127



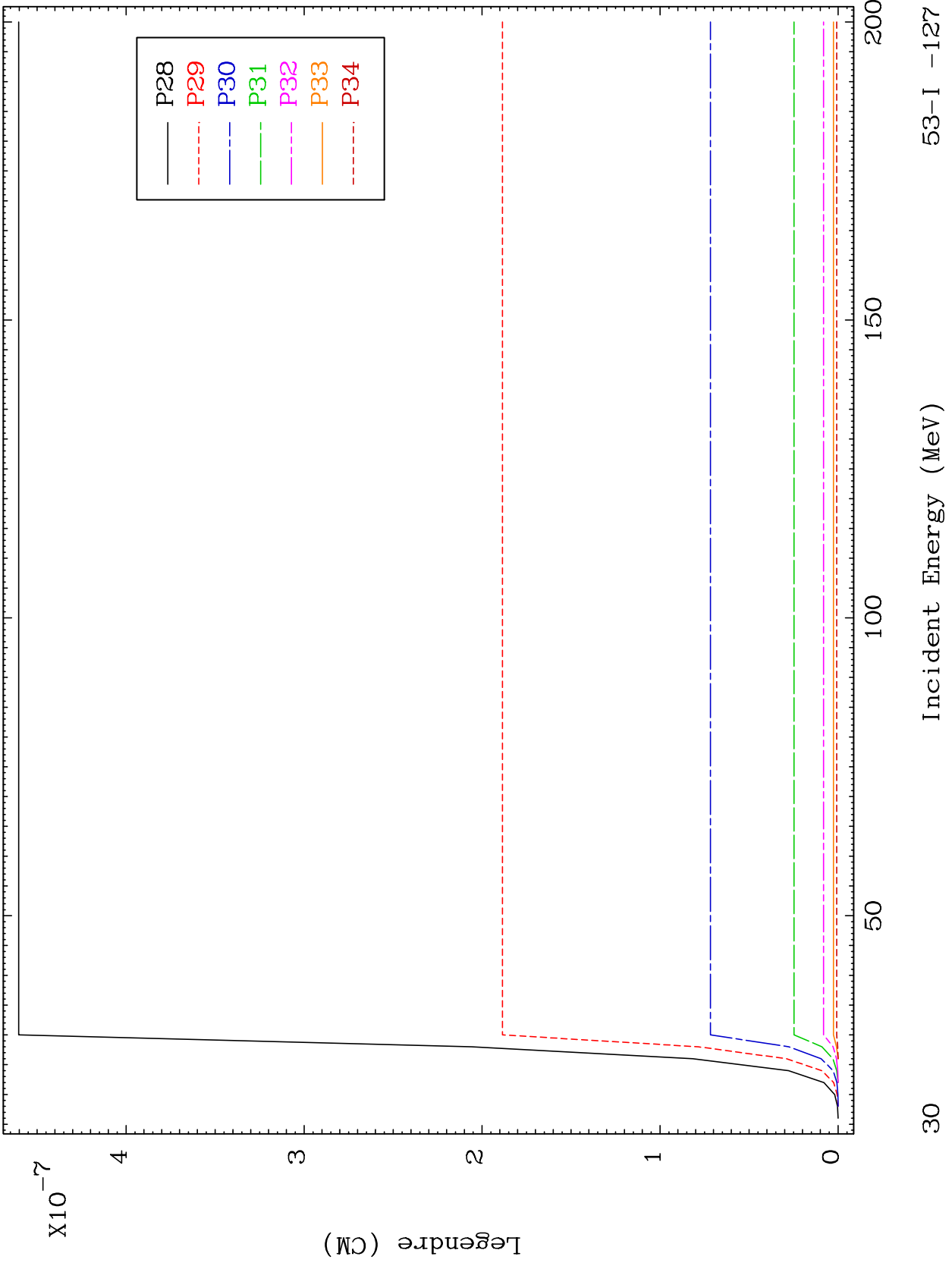




MAT 5325

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

53-I -127



30

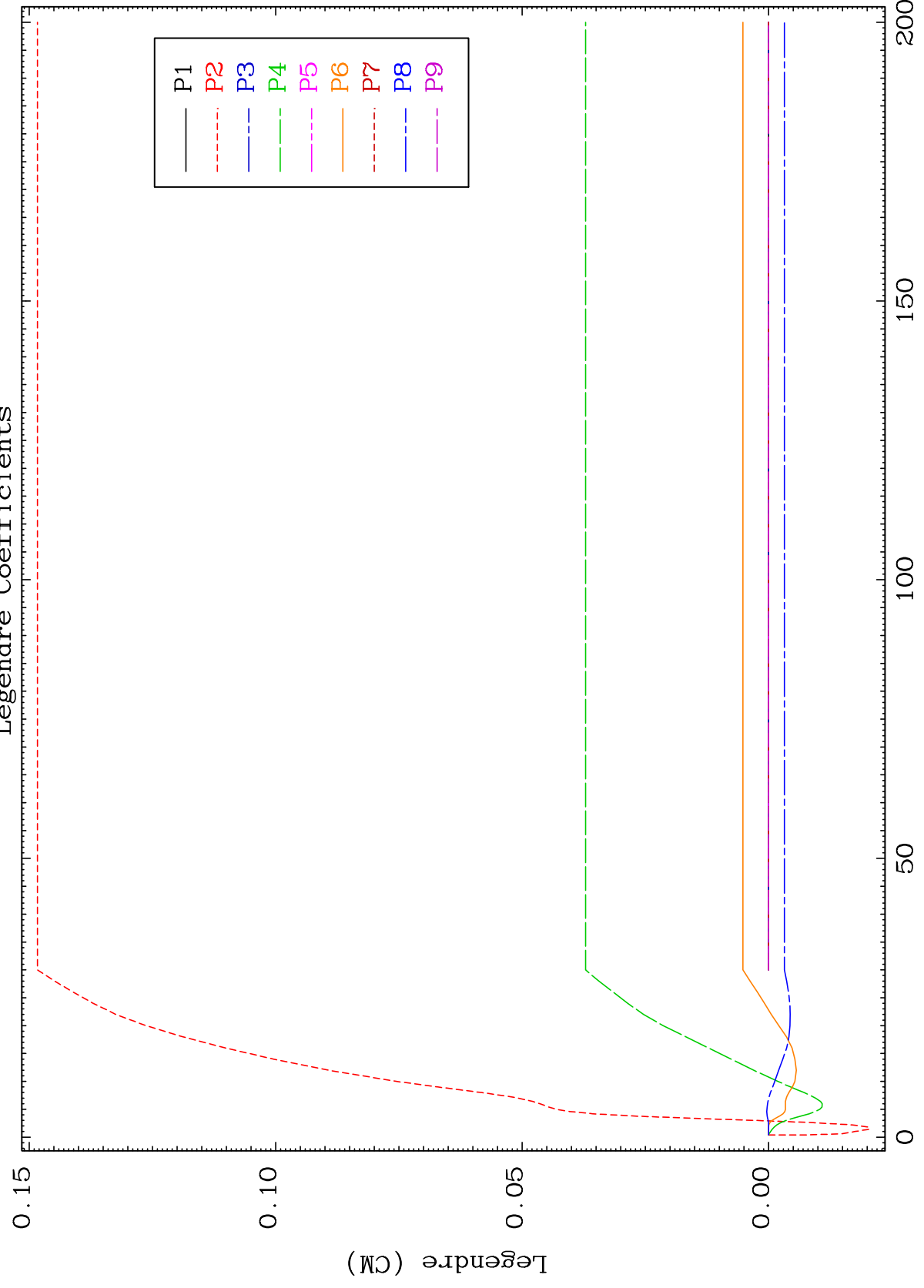
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



31

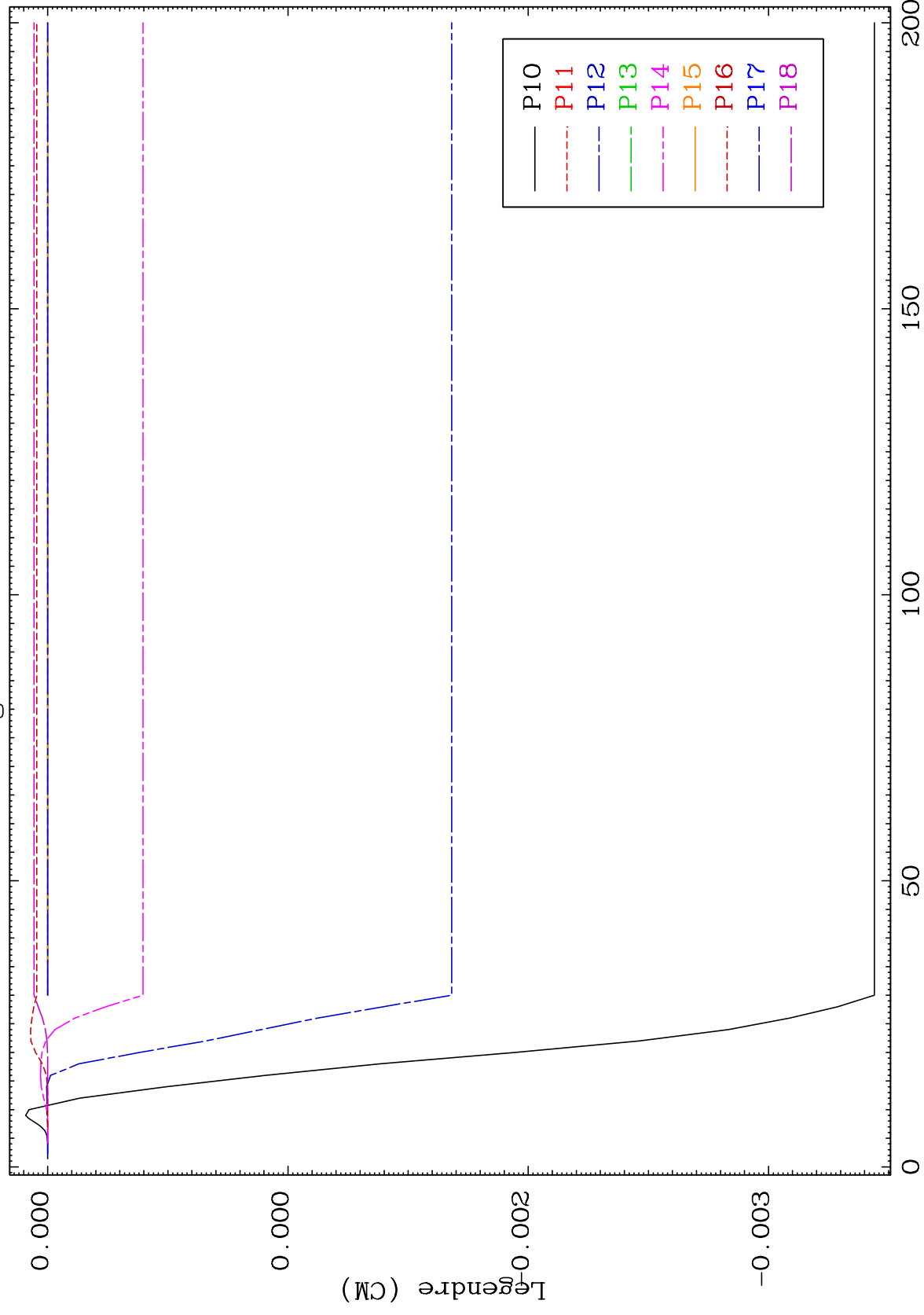
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



32

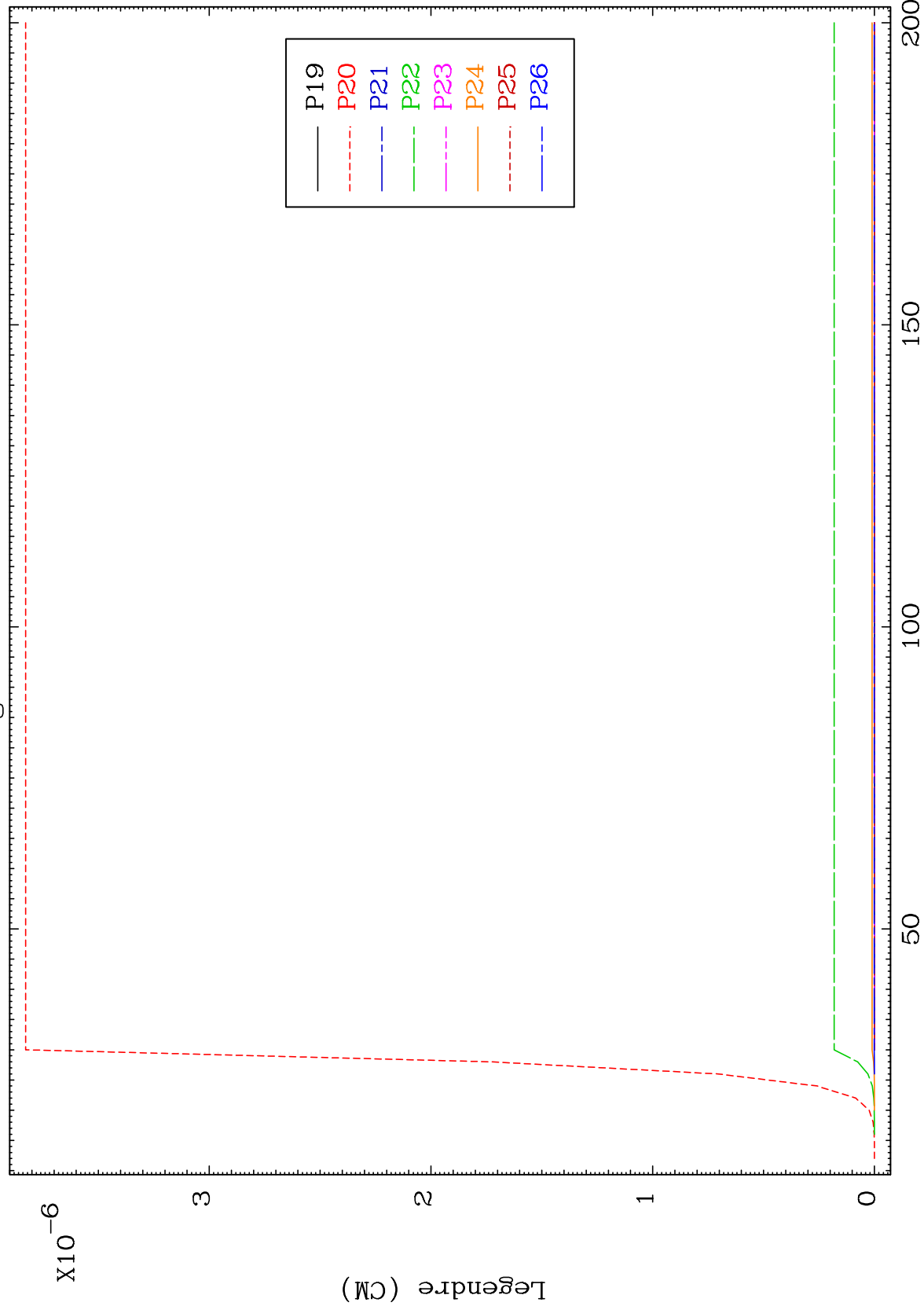
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



33

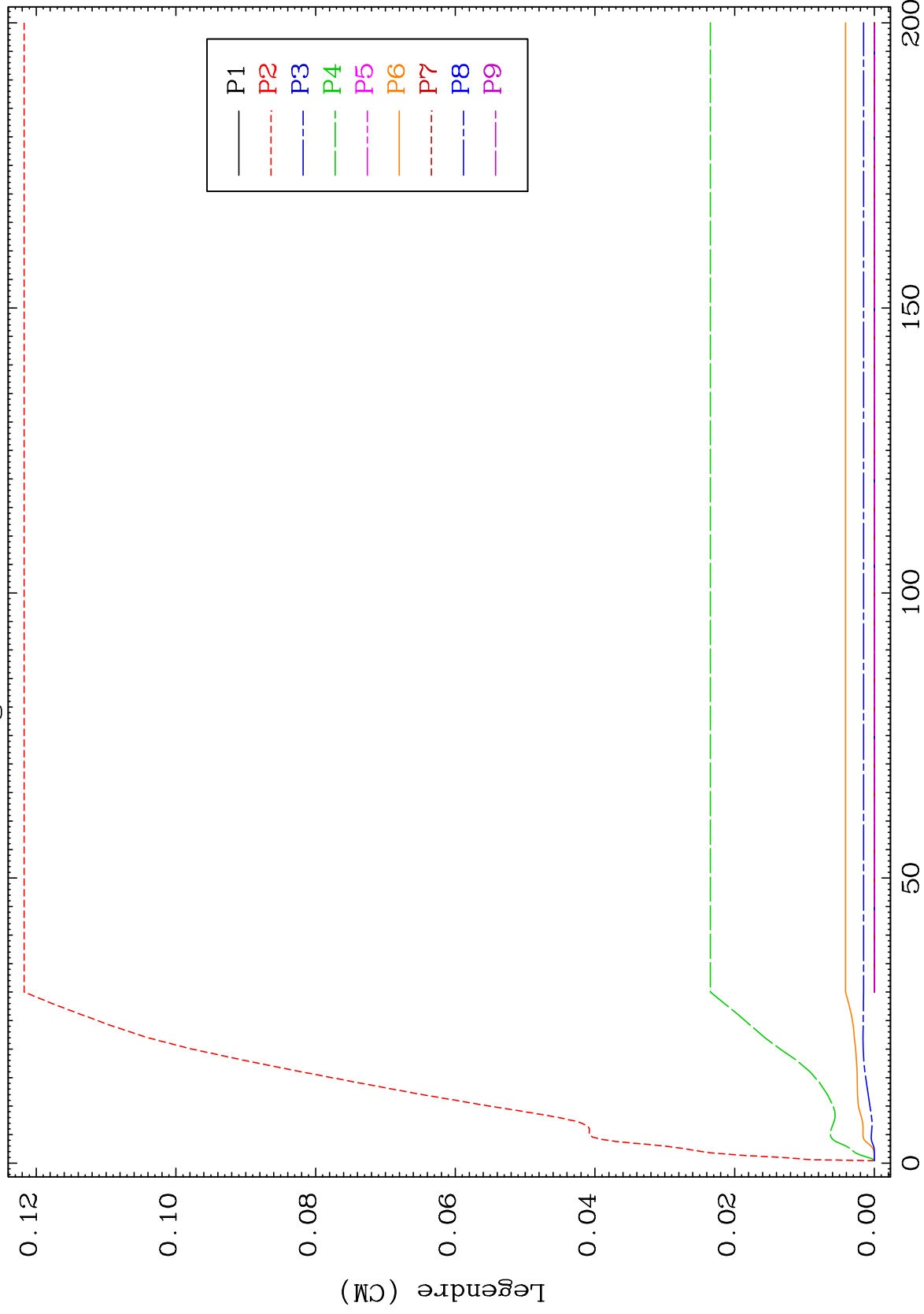
Incident Energy (MeV)

53-I -127

MAT 5325

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

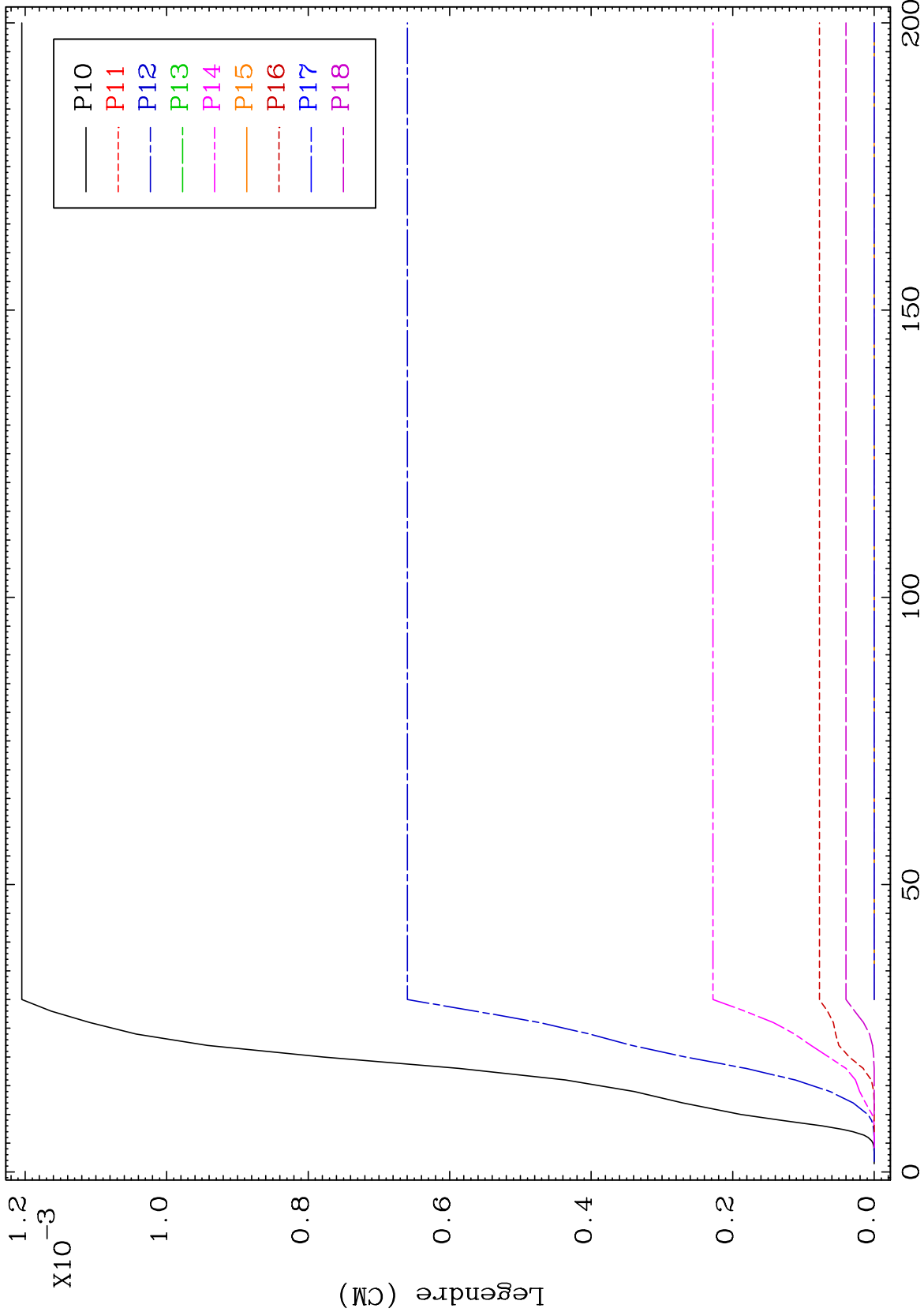
53-I -127



34

Incident Energy (MeV)

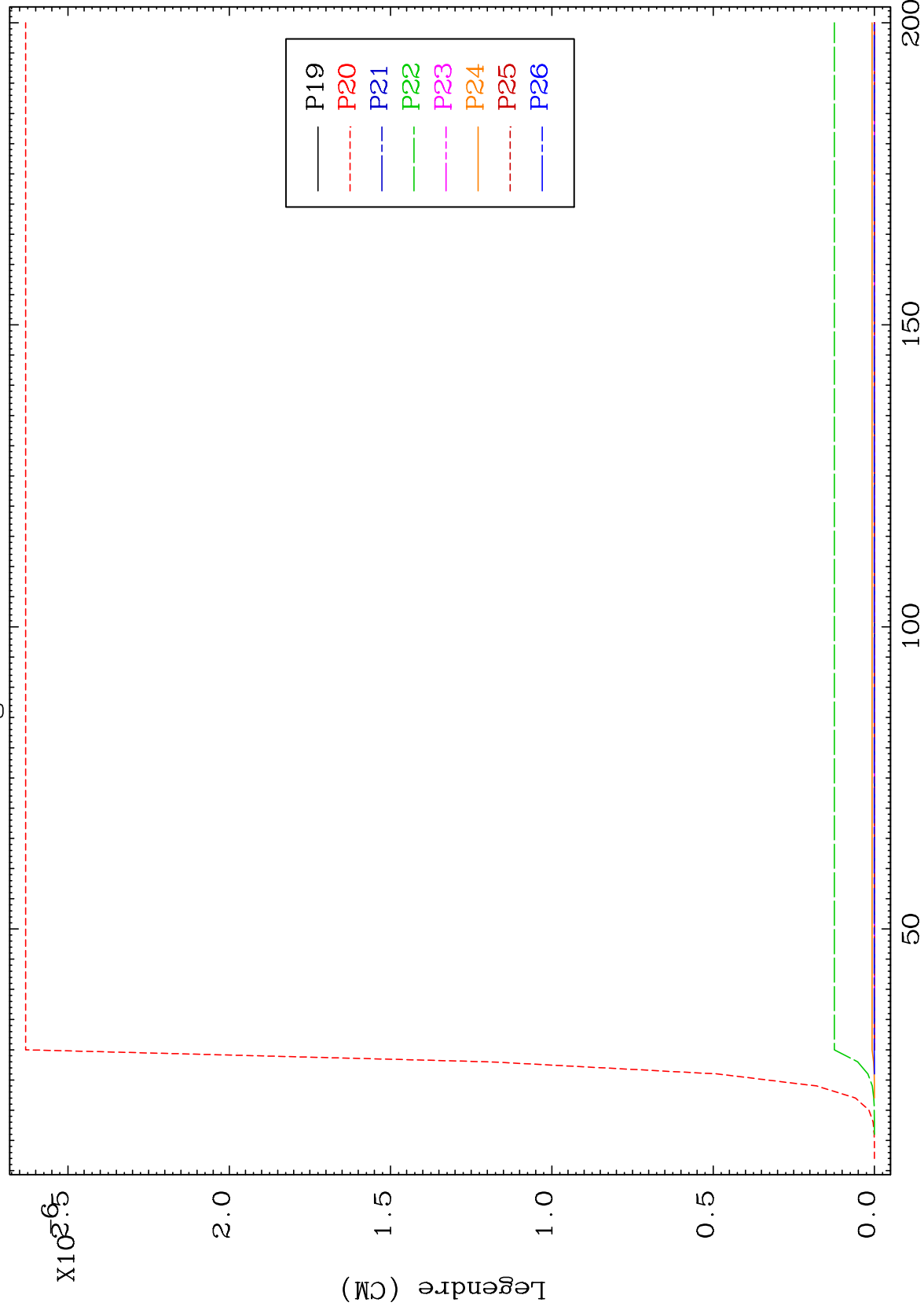
53-I -127



MAT 5325

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

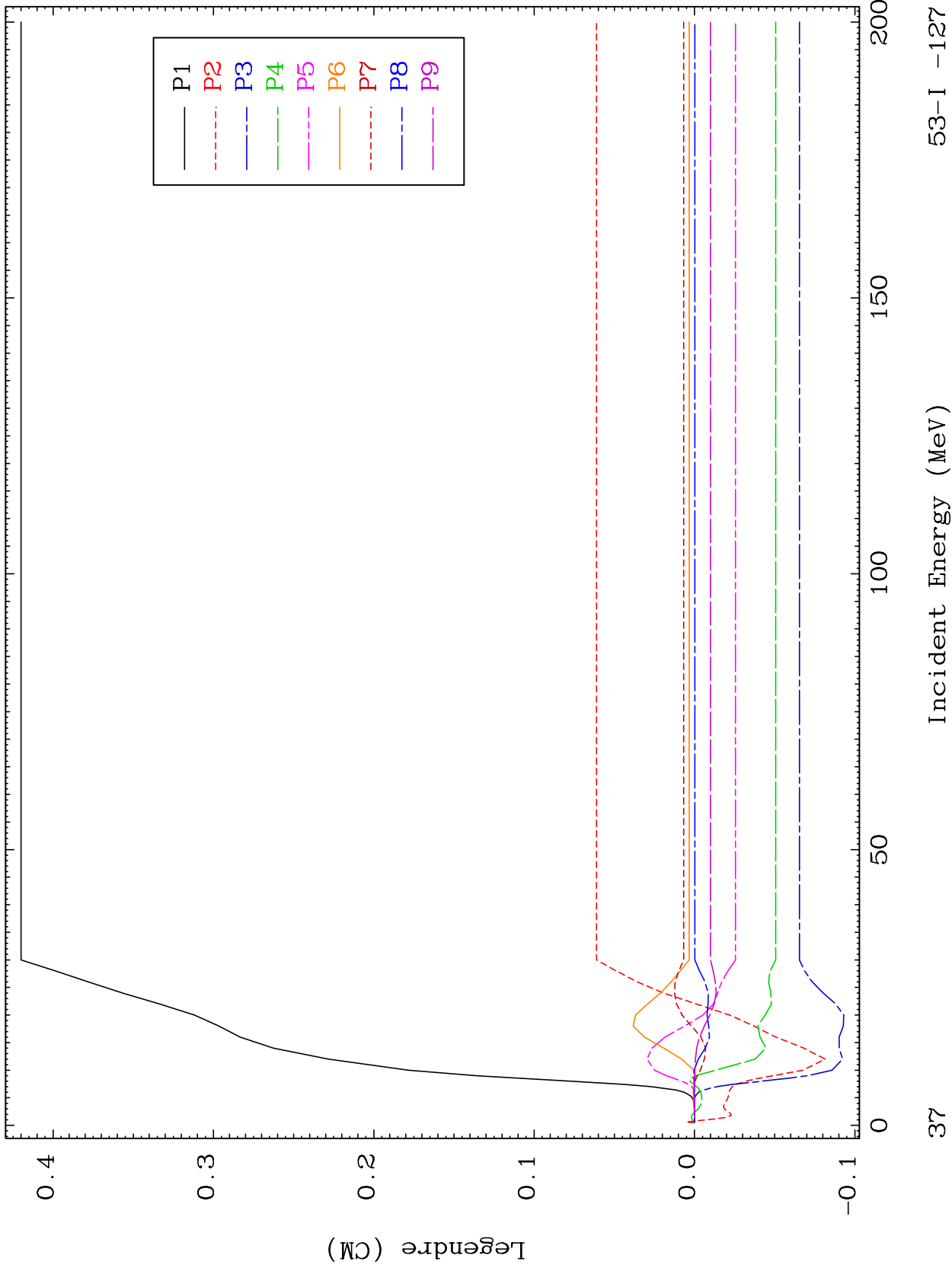
53-I -127



36

Incident Energy (MeV)

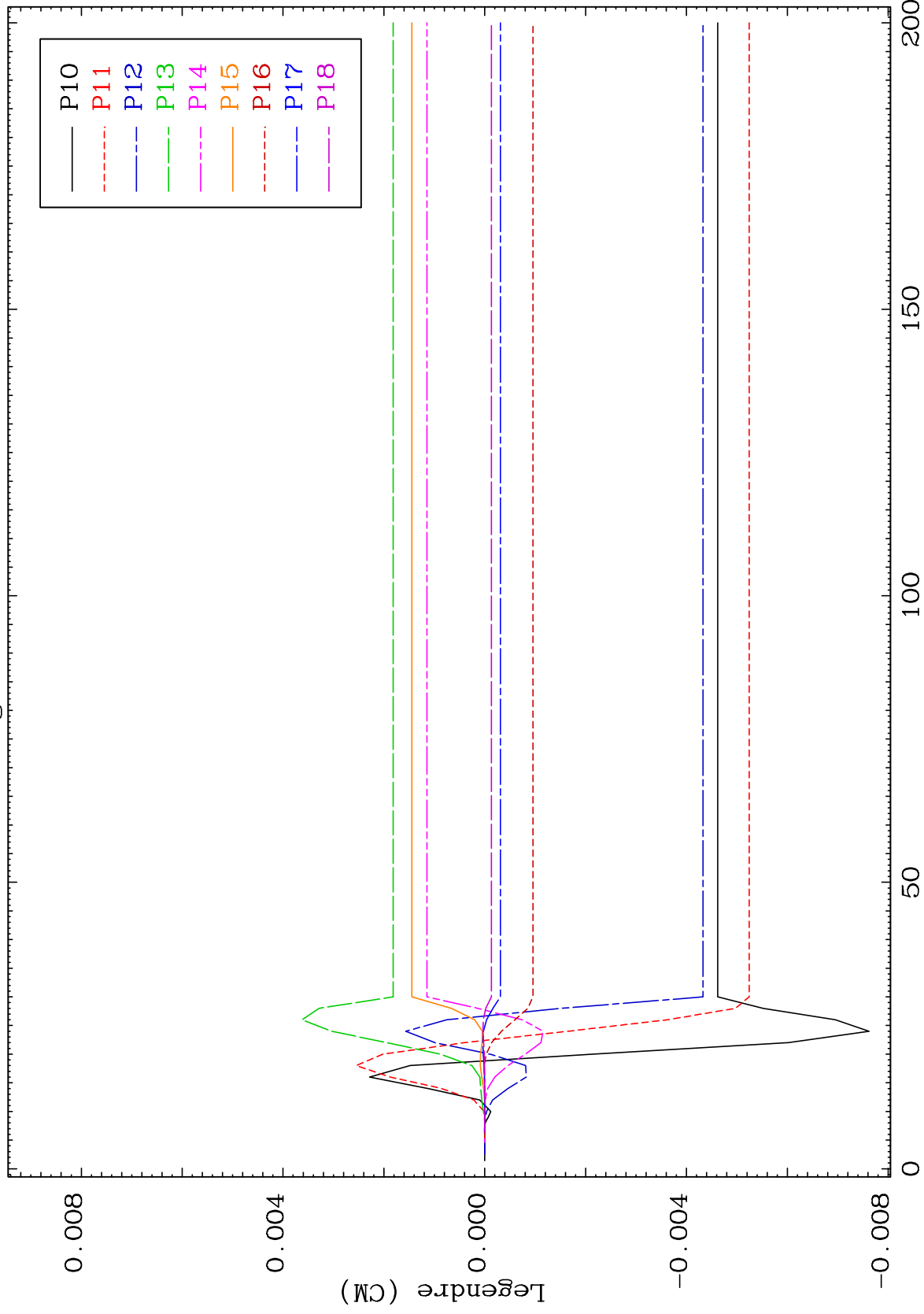
53-I -127



MAT 5325

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

53-I -127



38

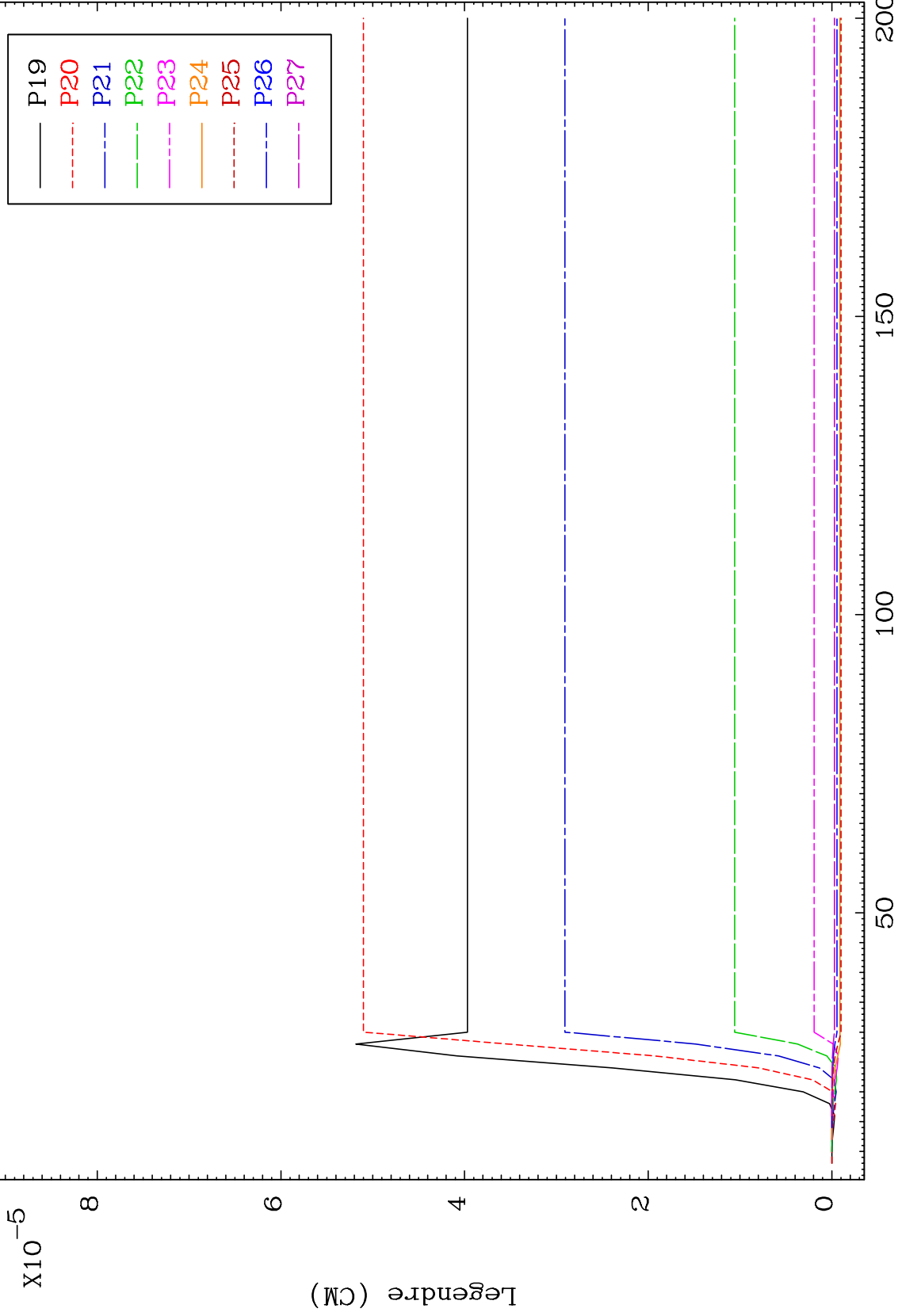
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



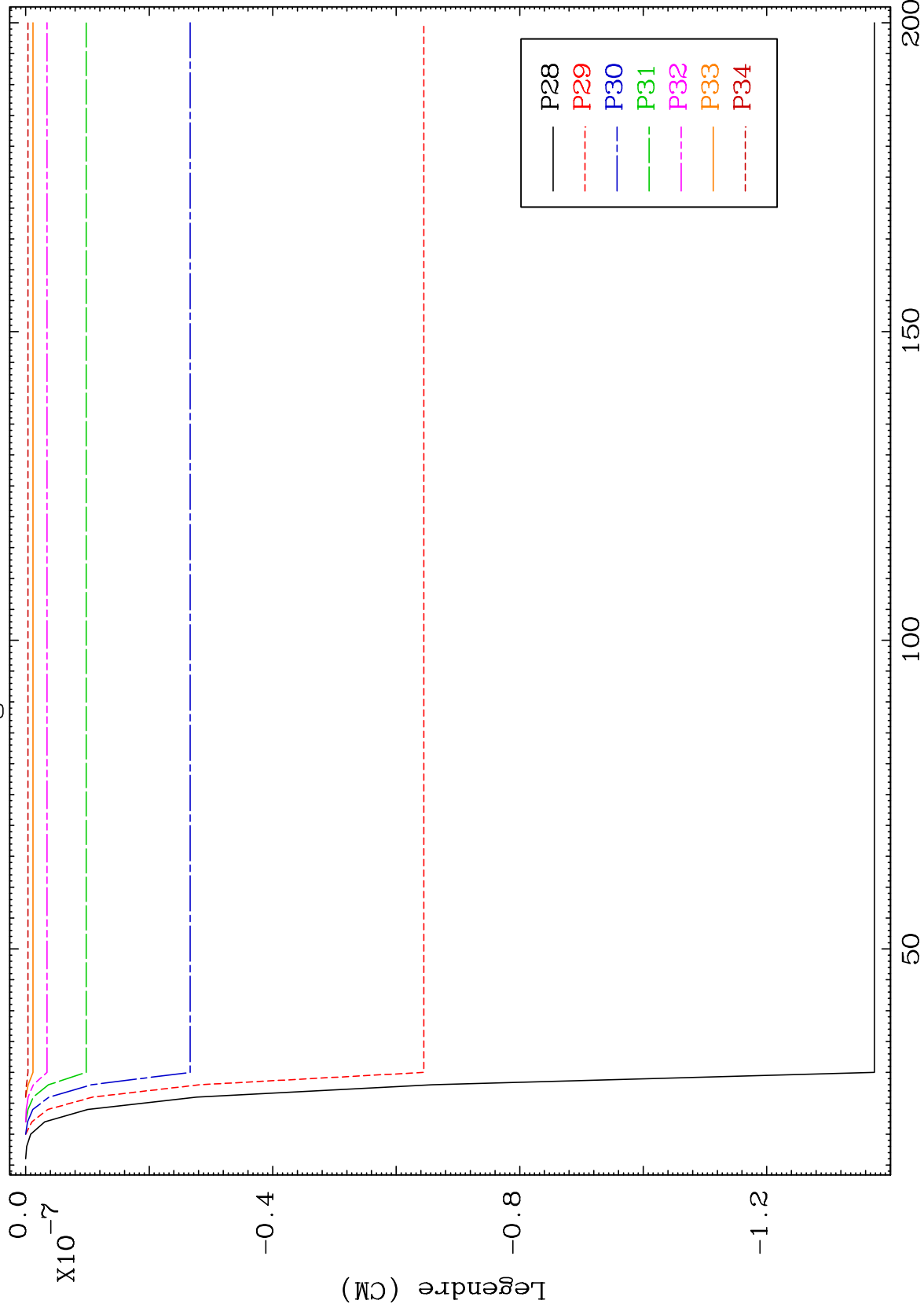
39

53-I -127

MAT 5325

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

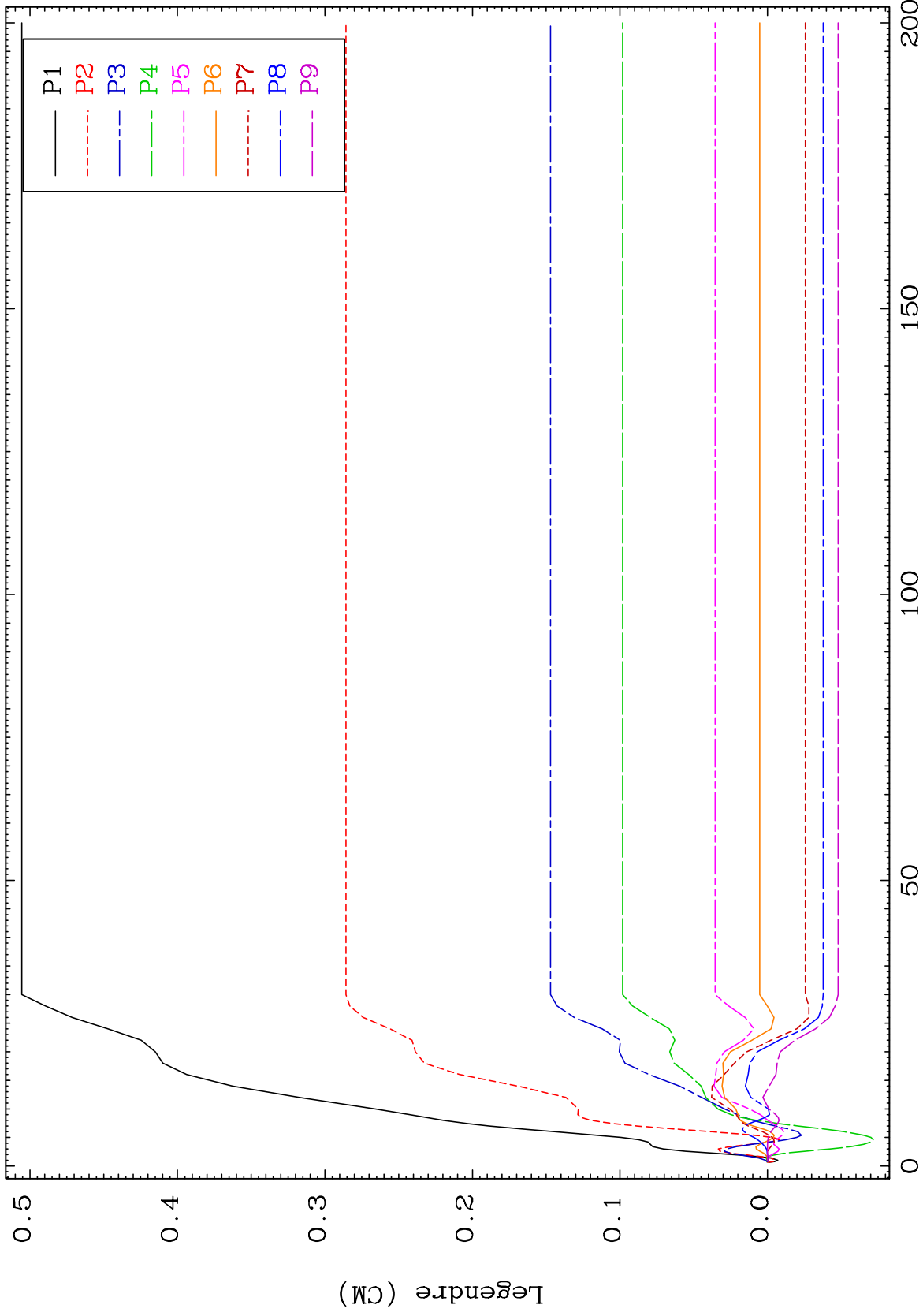
53-I -127



40

Incident Energy (MeV)

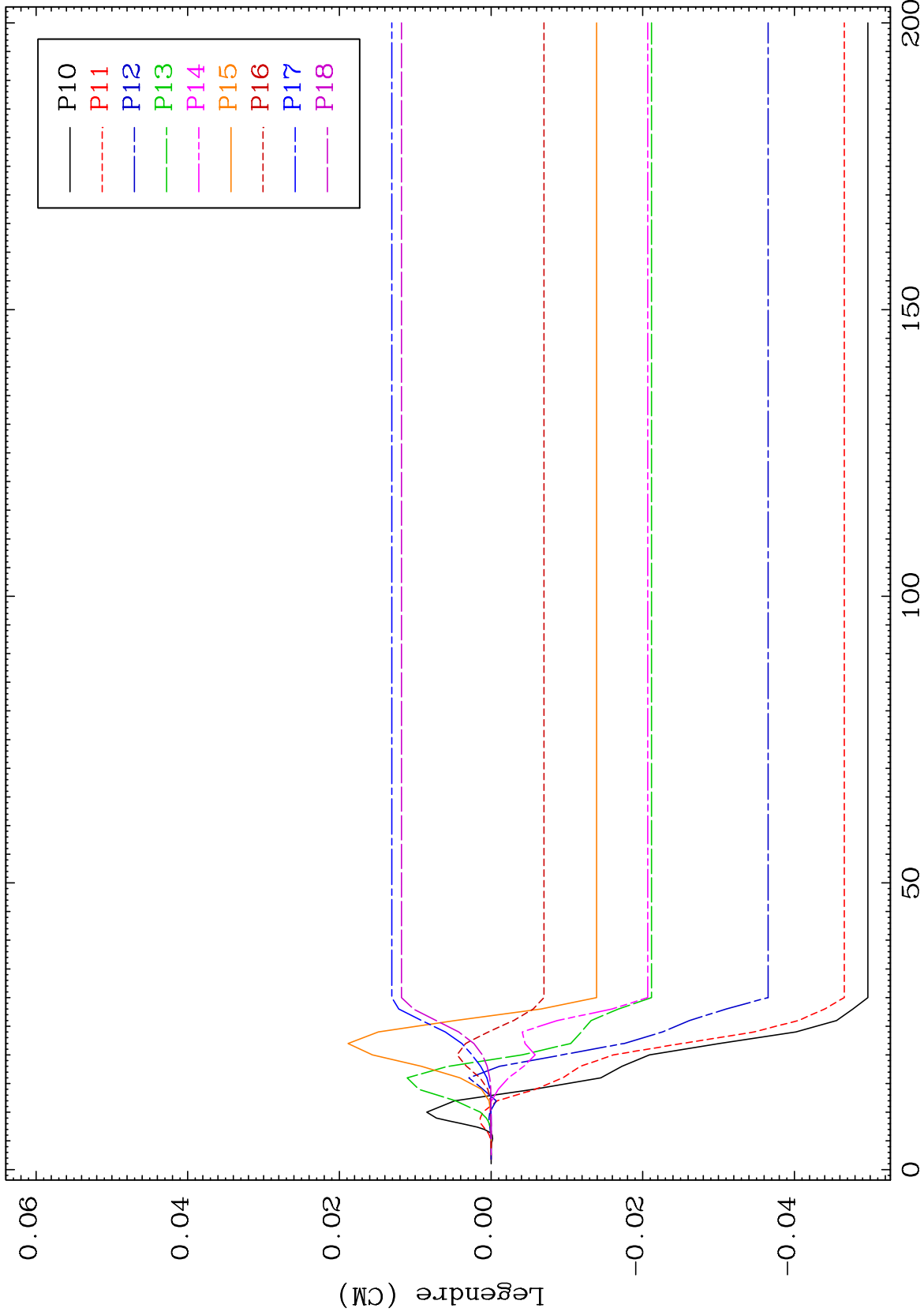
53-I -127



MAT 5325

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

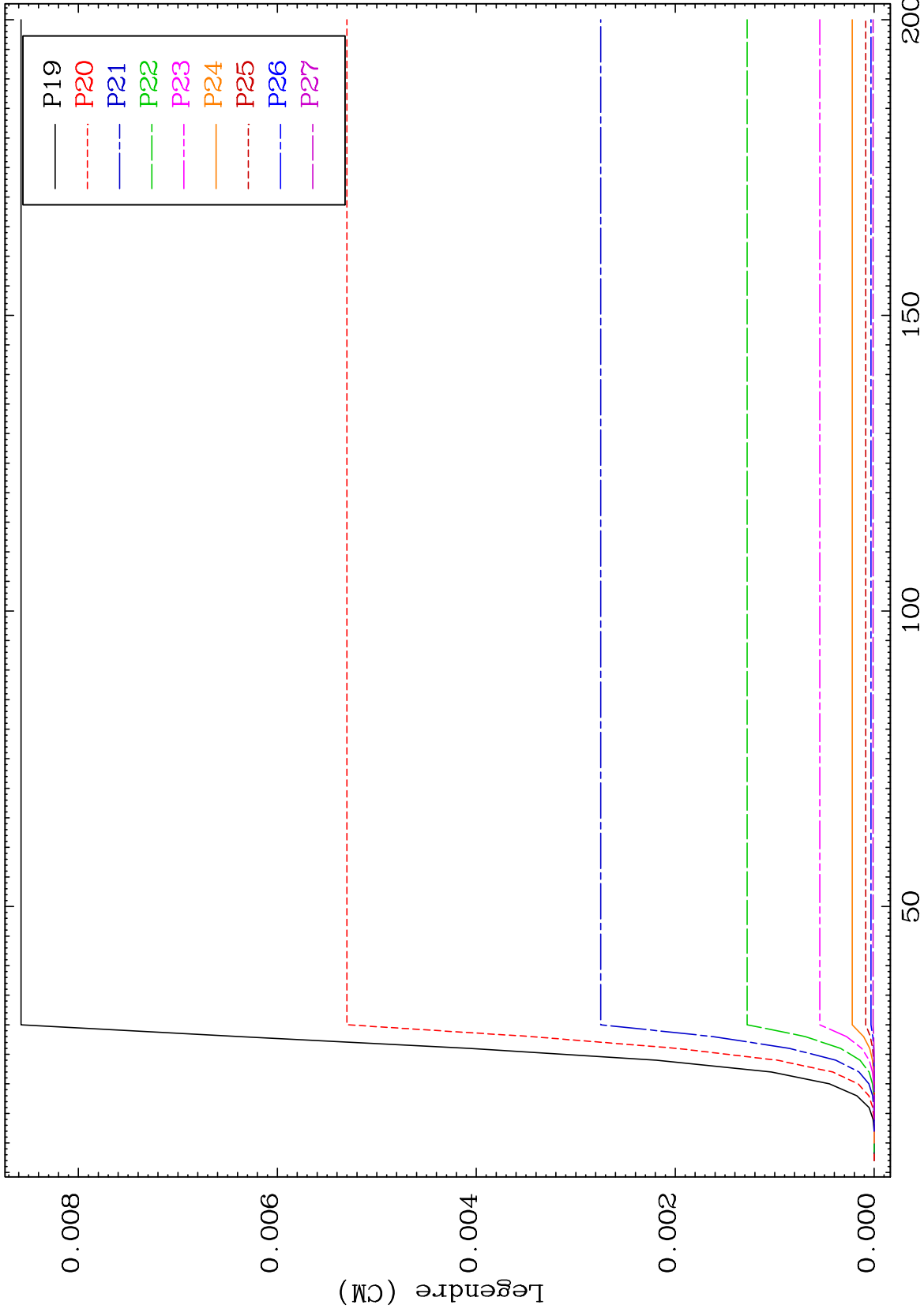
53-I -127



42

Incident Energy (MeV)

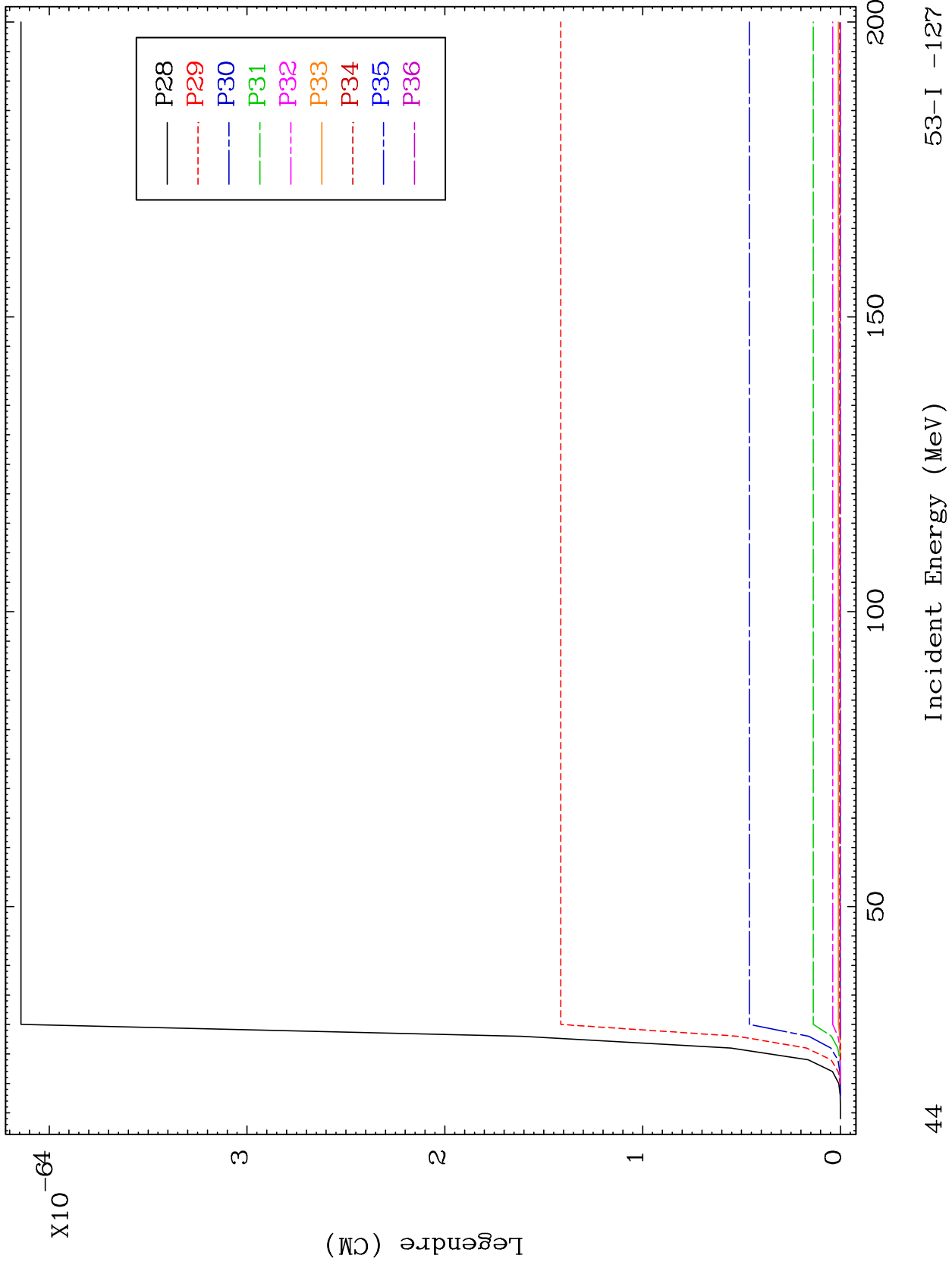
53-I -127



MAT 5325

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

53-I -127

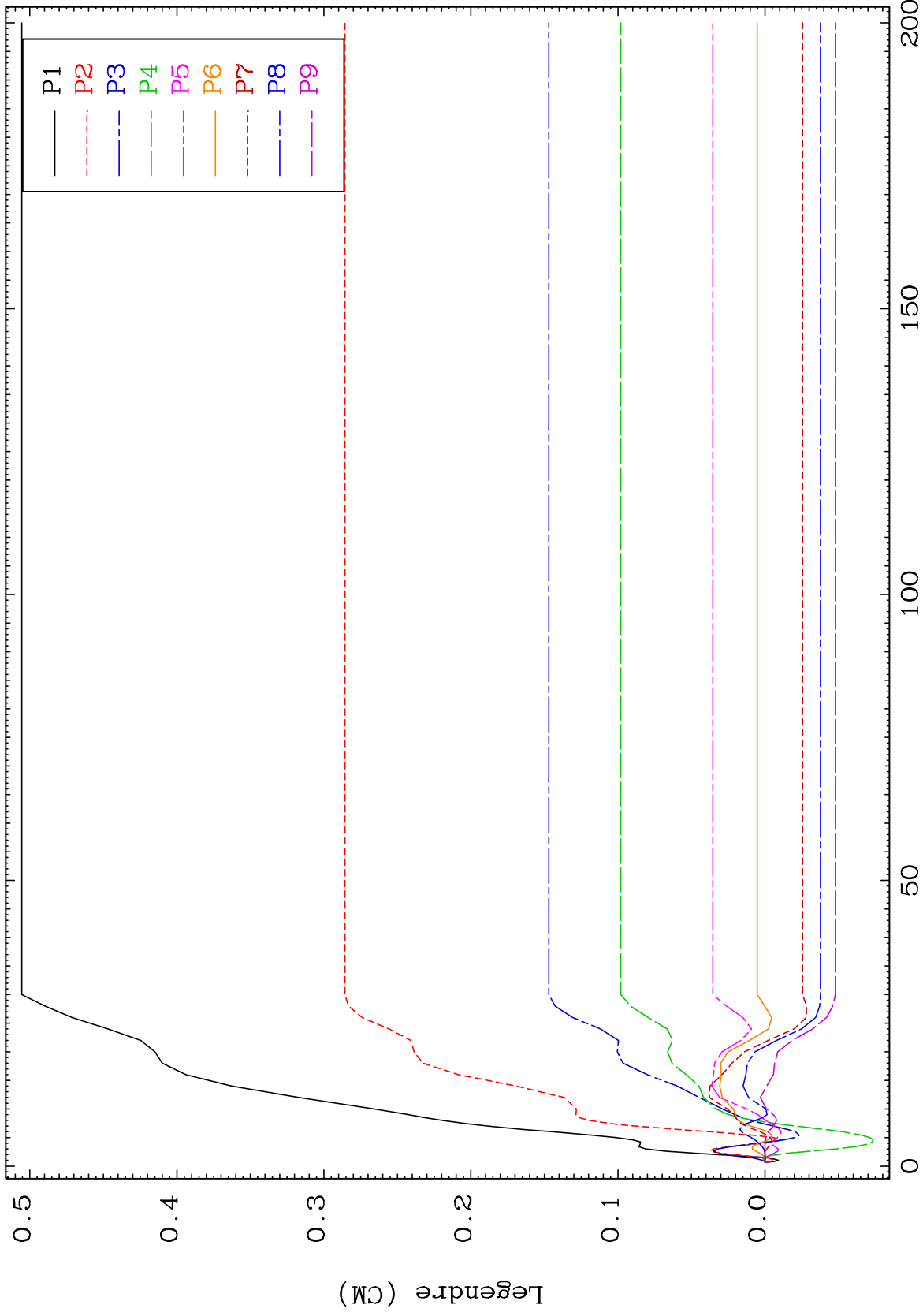


MAT 5325

MT= 58 (n,n') Level

53-I -127

Legendre Coefficients



45

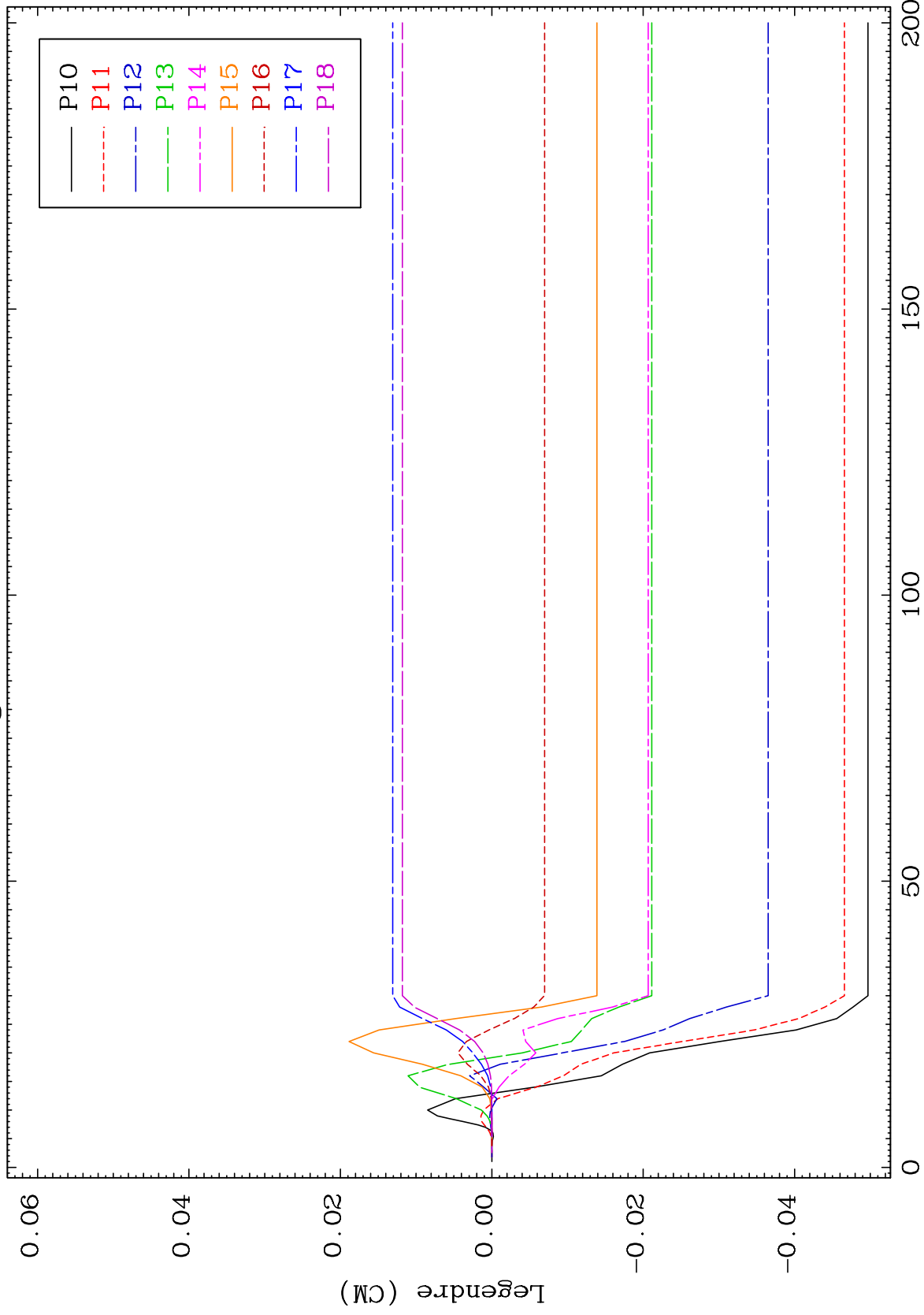
Incident Energy (MeV)

53-I -127

MAT 5325

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

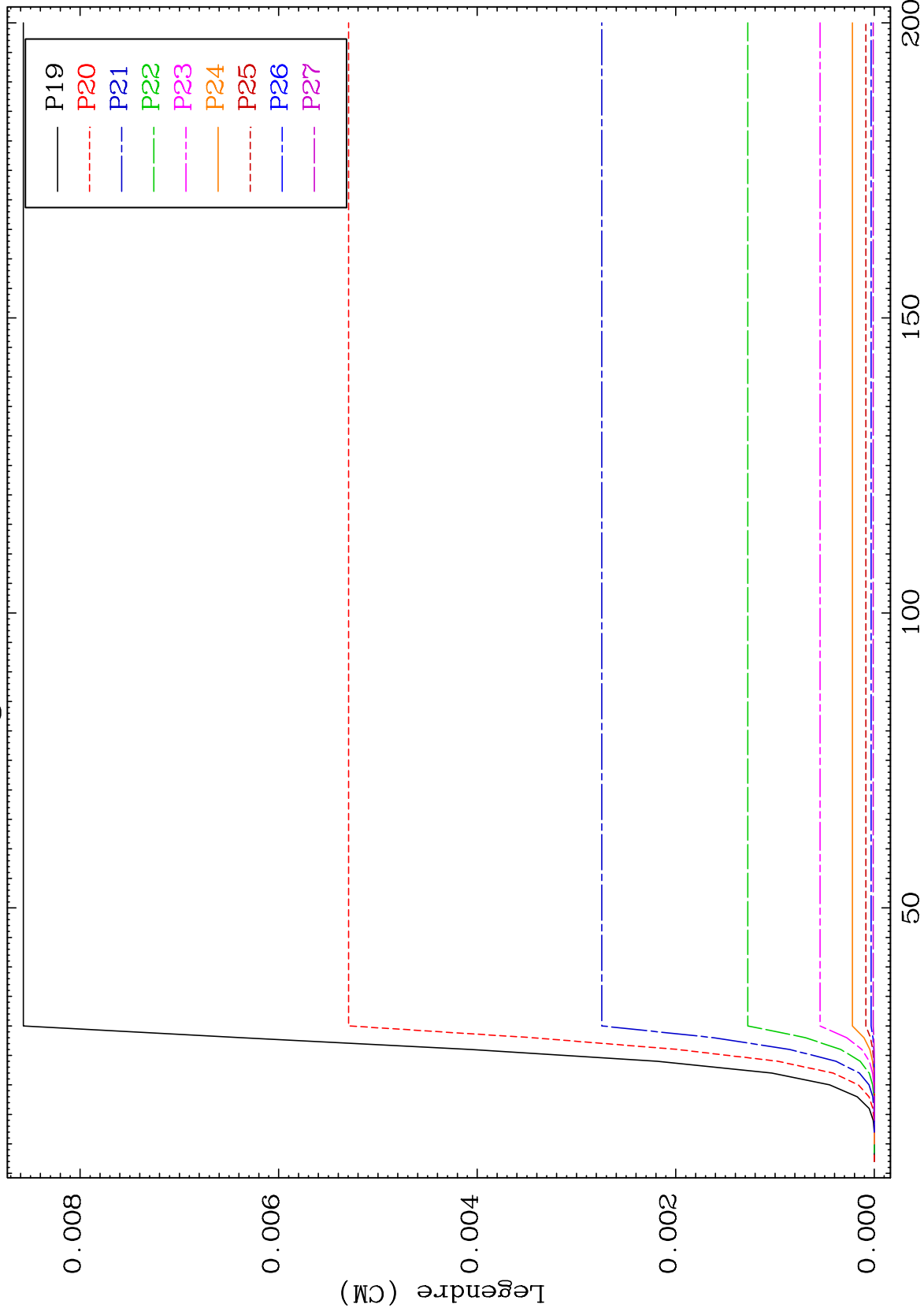
53-I -127



46

Incident Energy (MeV)

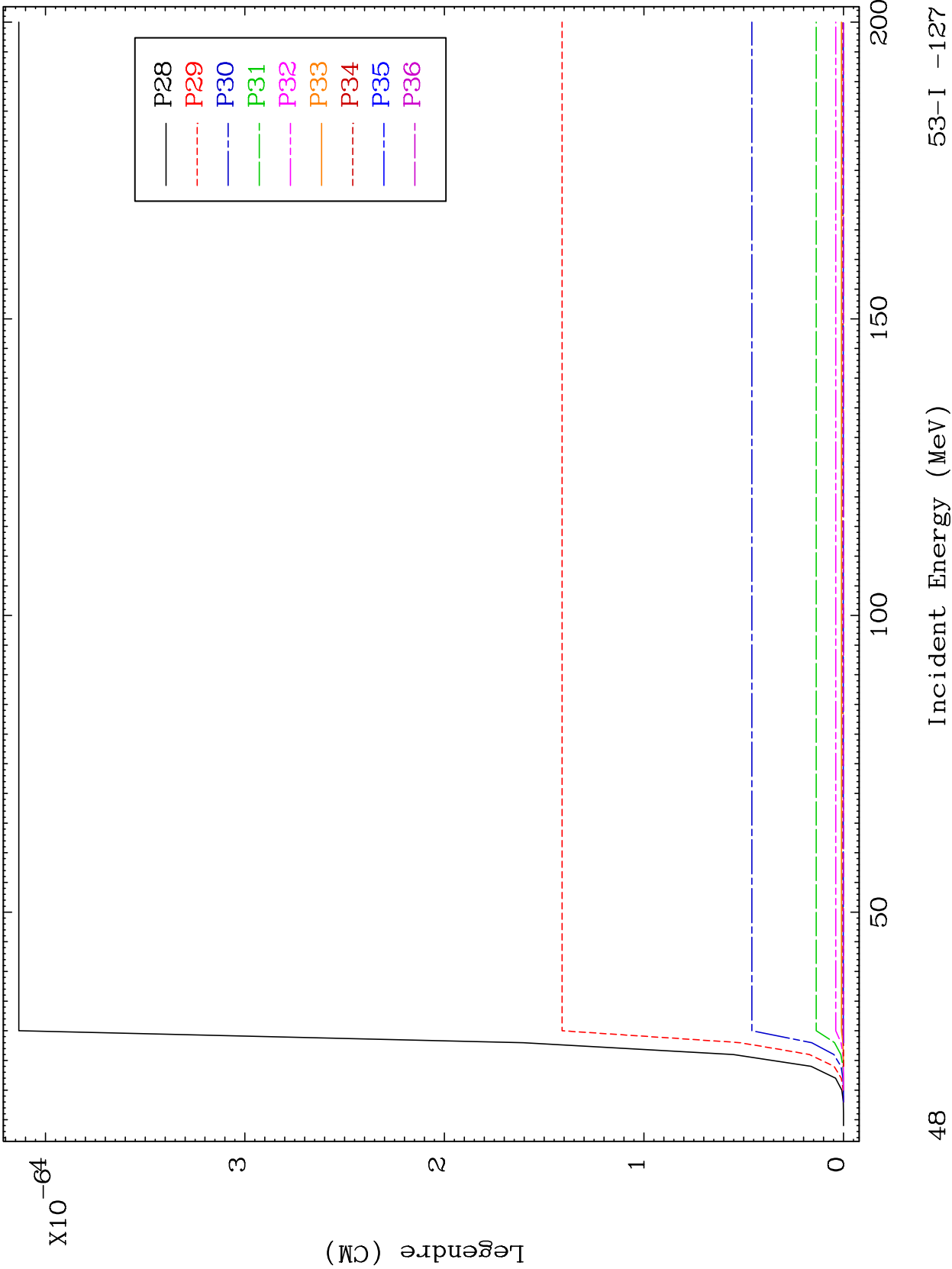
53-I -127



MAT 5325

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

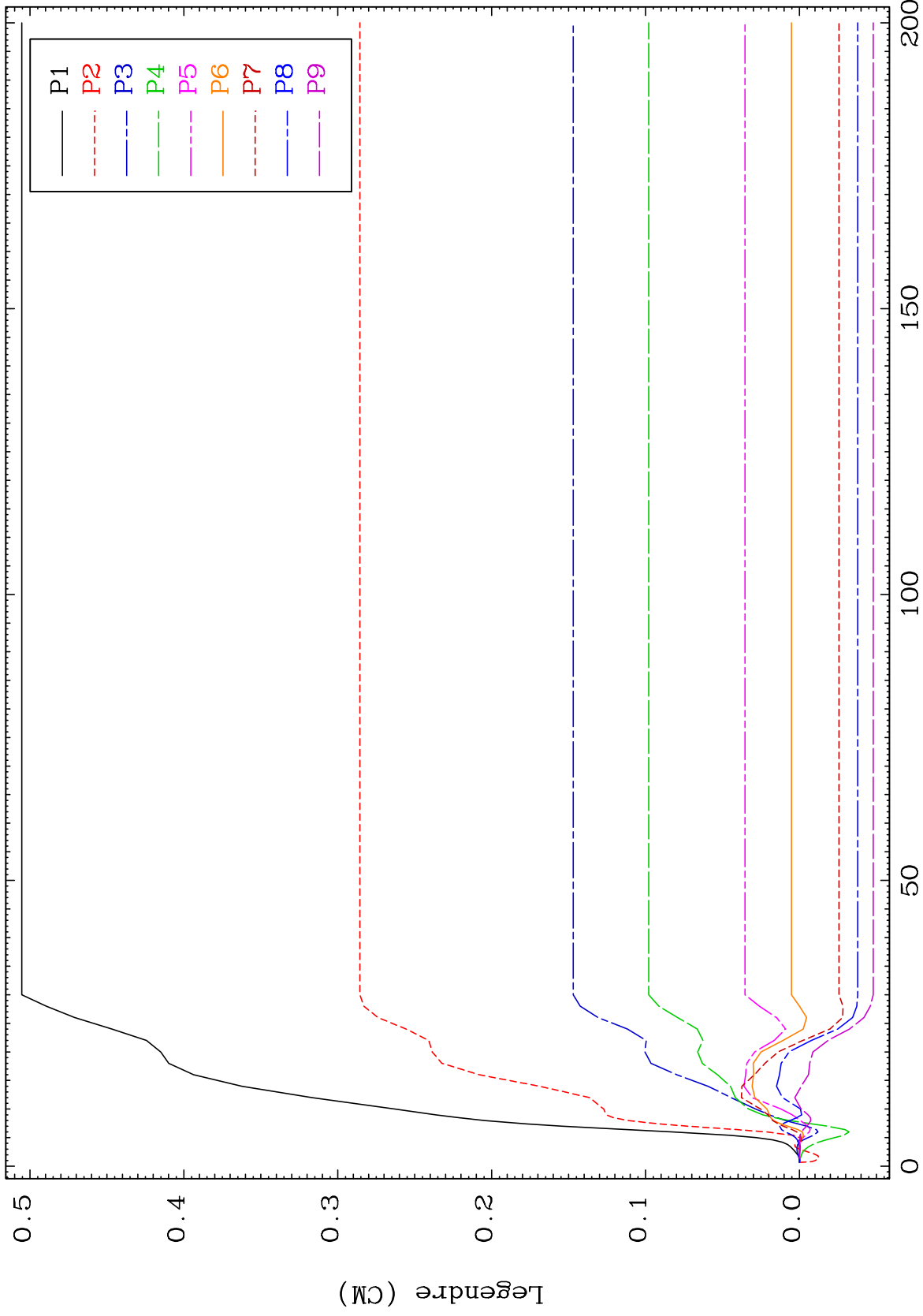
53-I -127



48

Incident Energy (MeV)

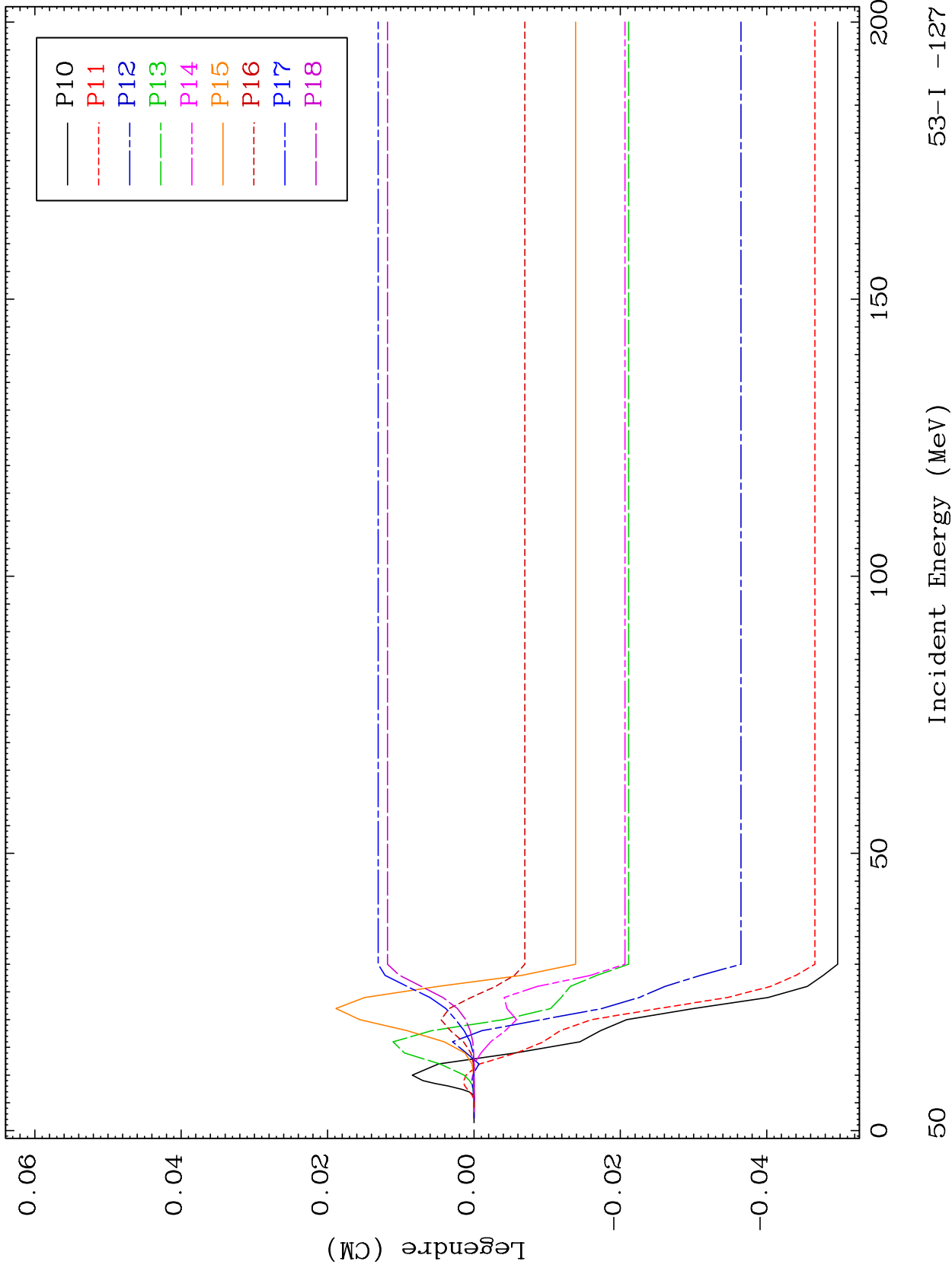
53-I -127



MAT 5325

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

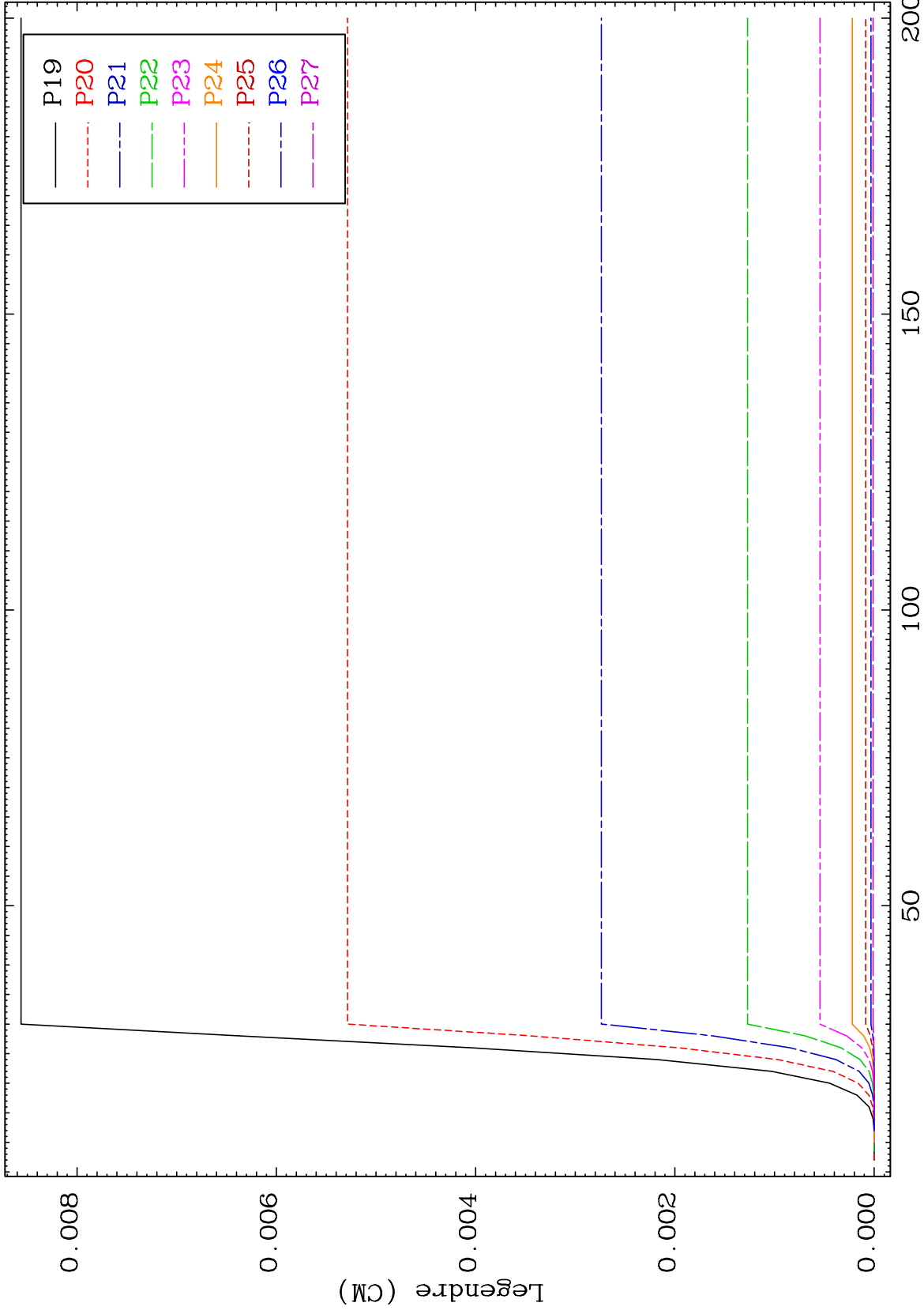
53-I -127

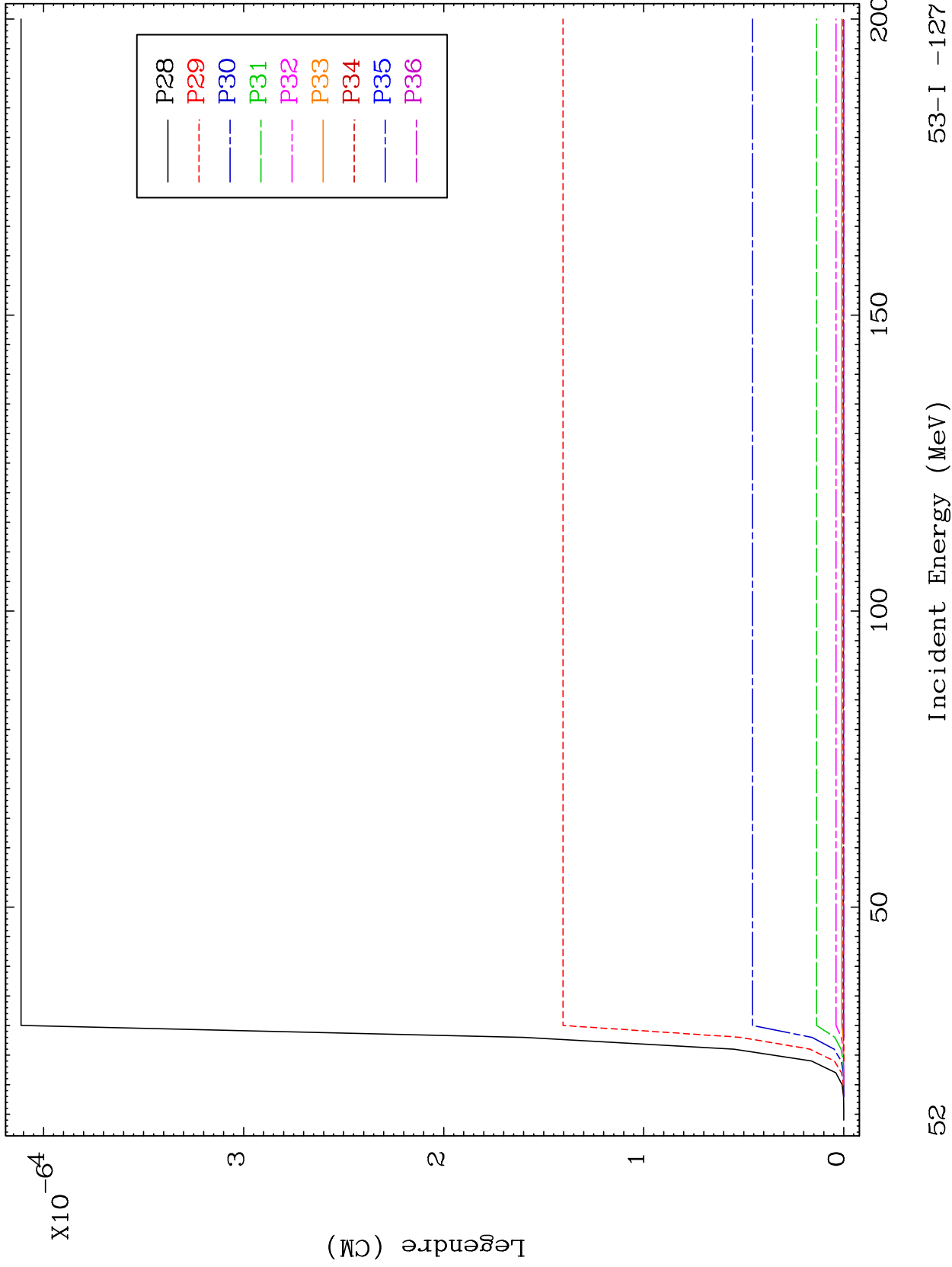


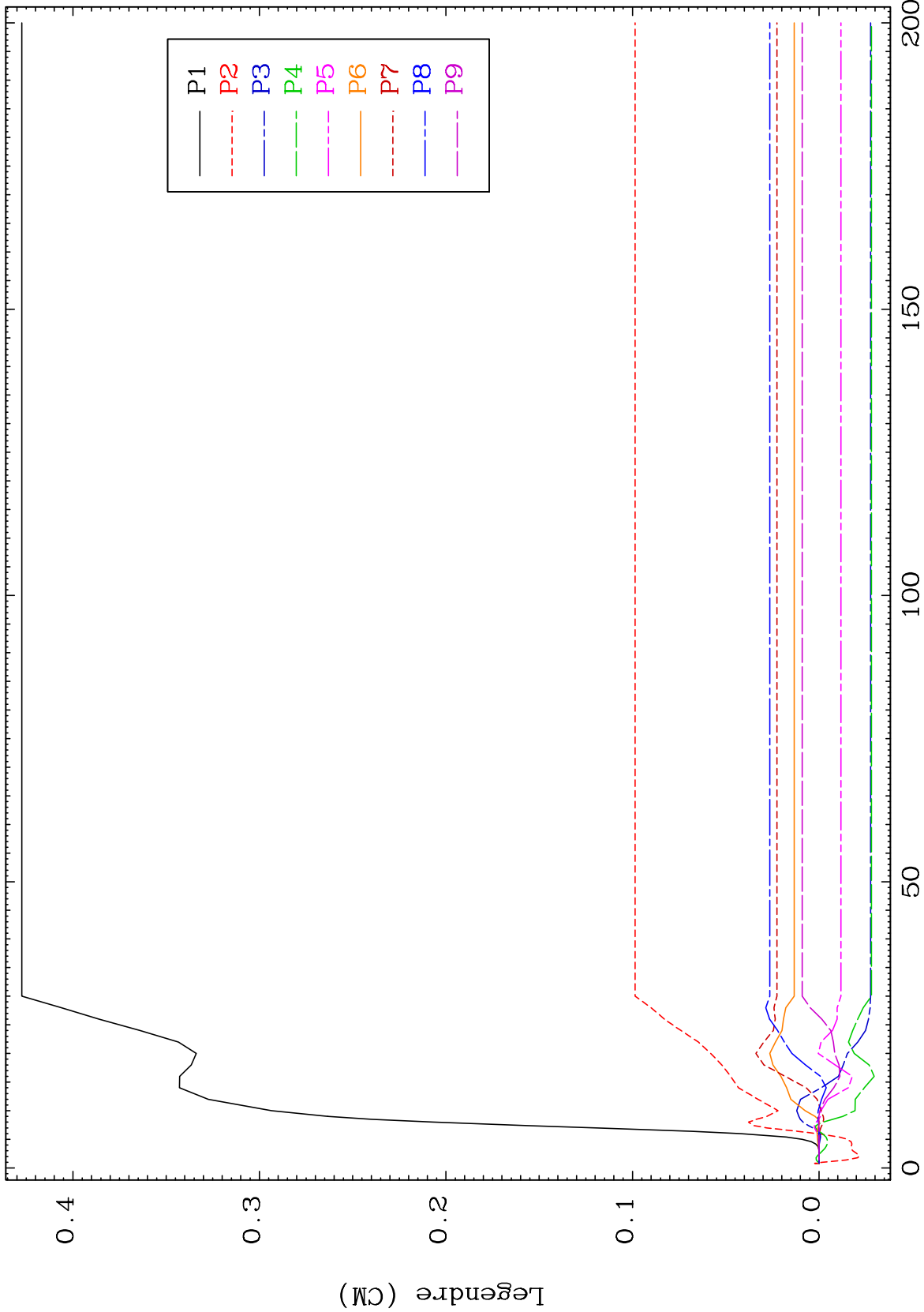
53-I -127

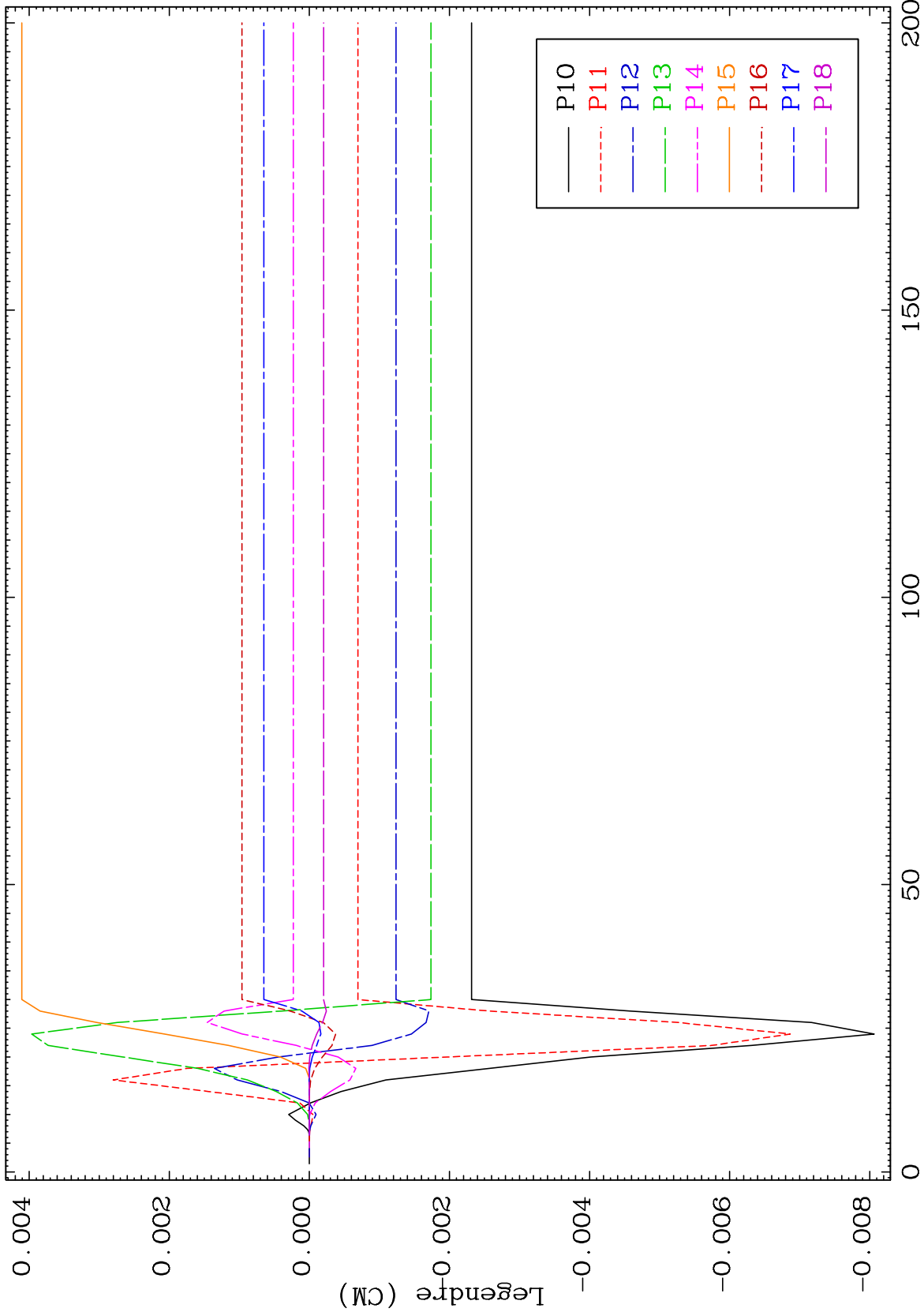
Incident Energy (MeV)

50

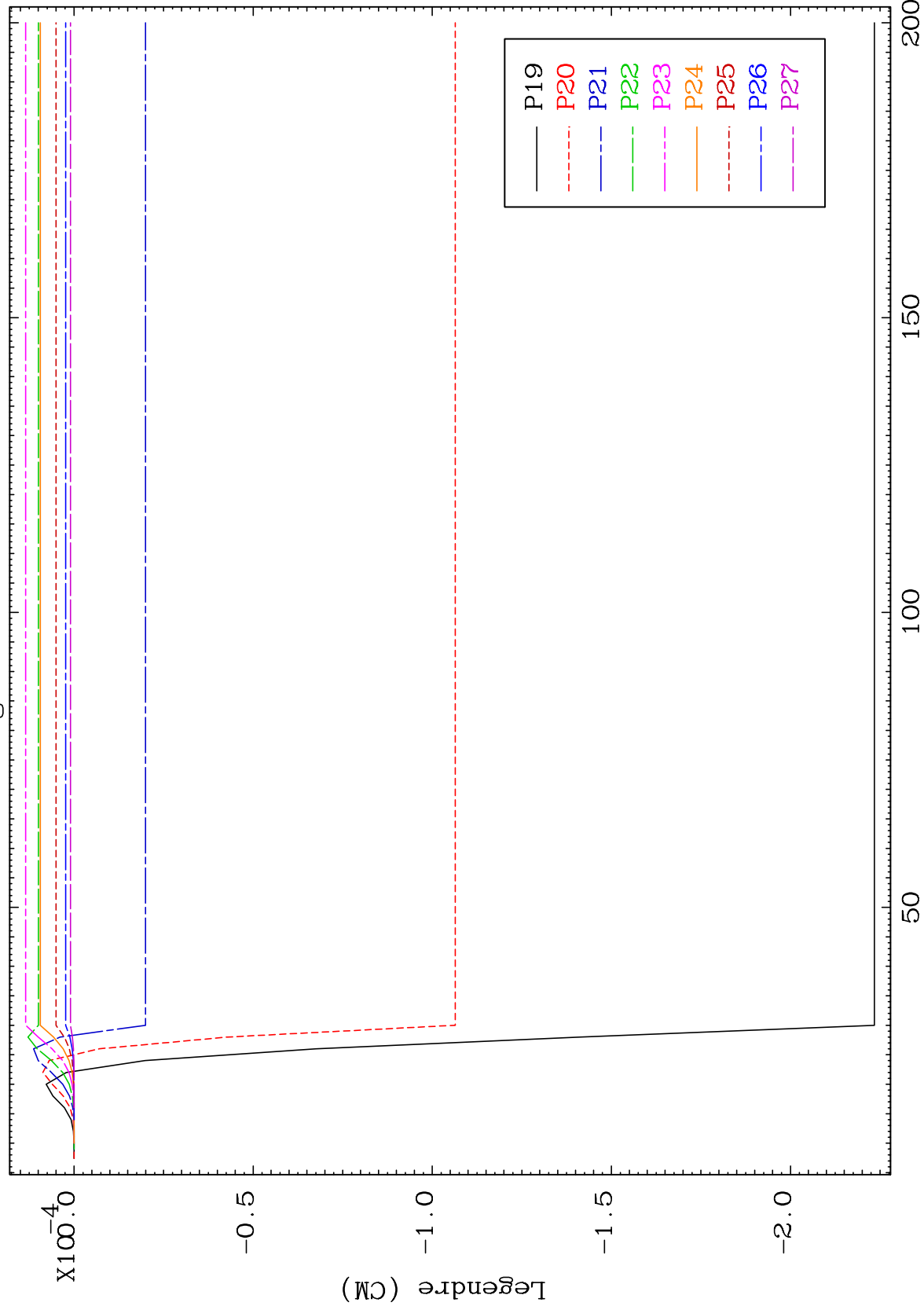








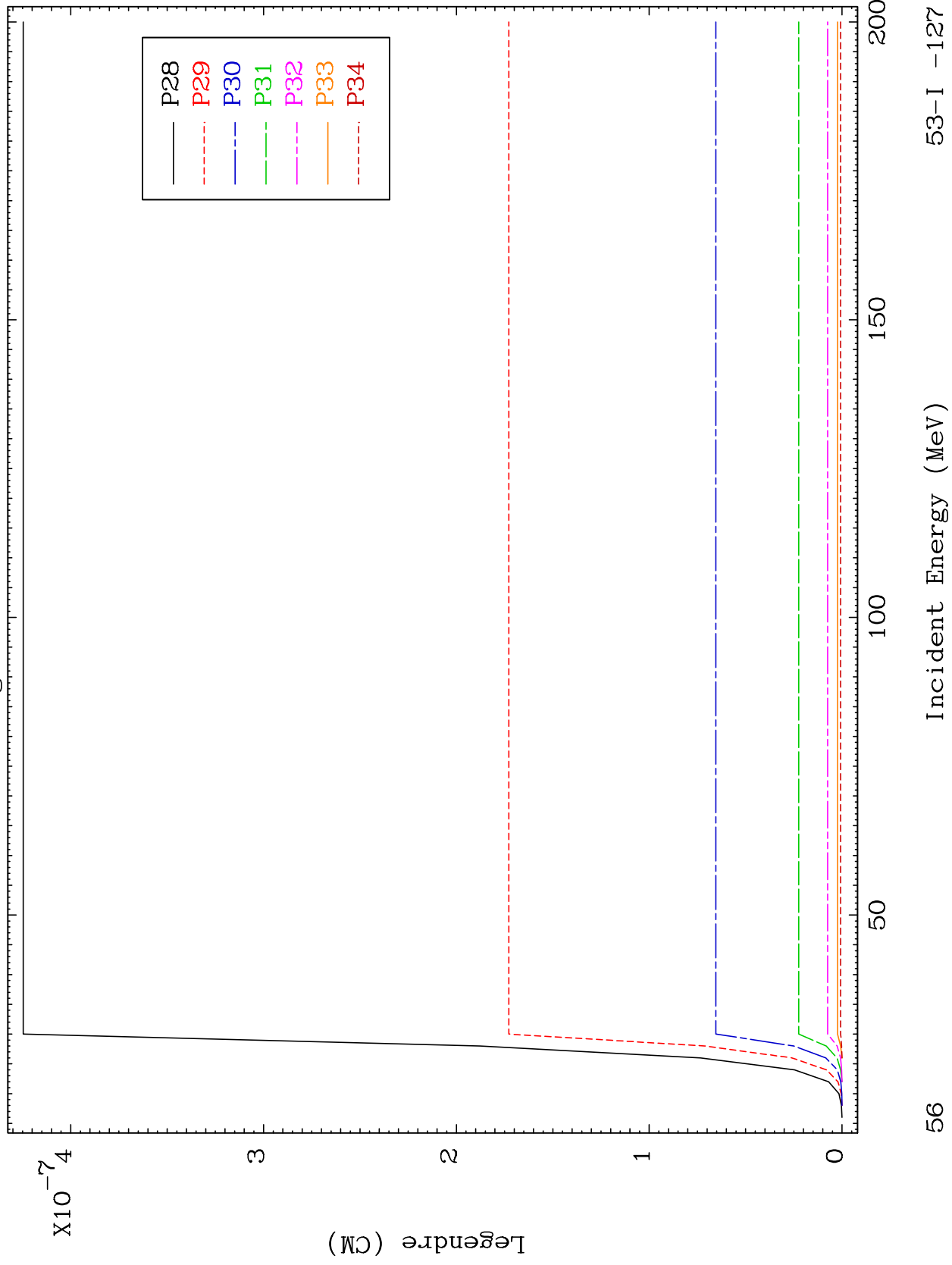
Legendre Coefficients

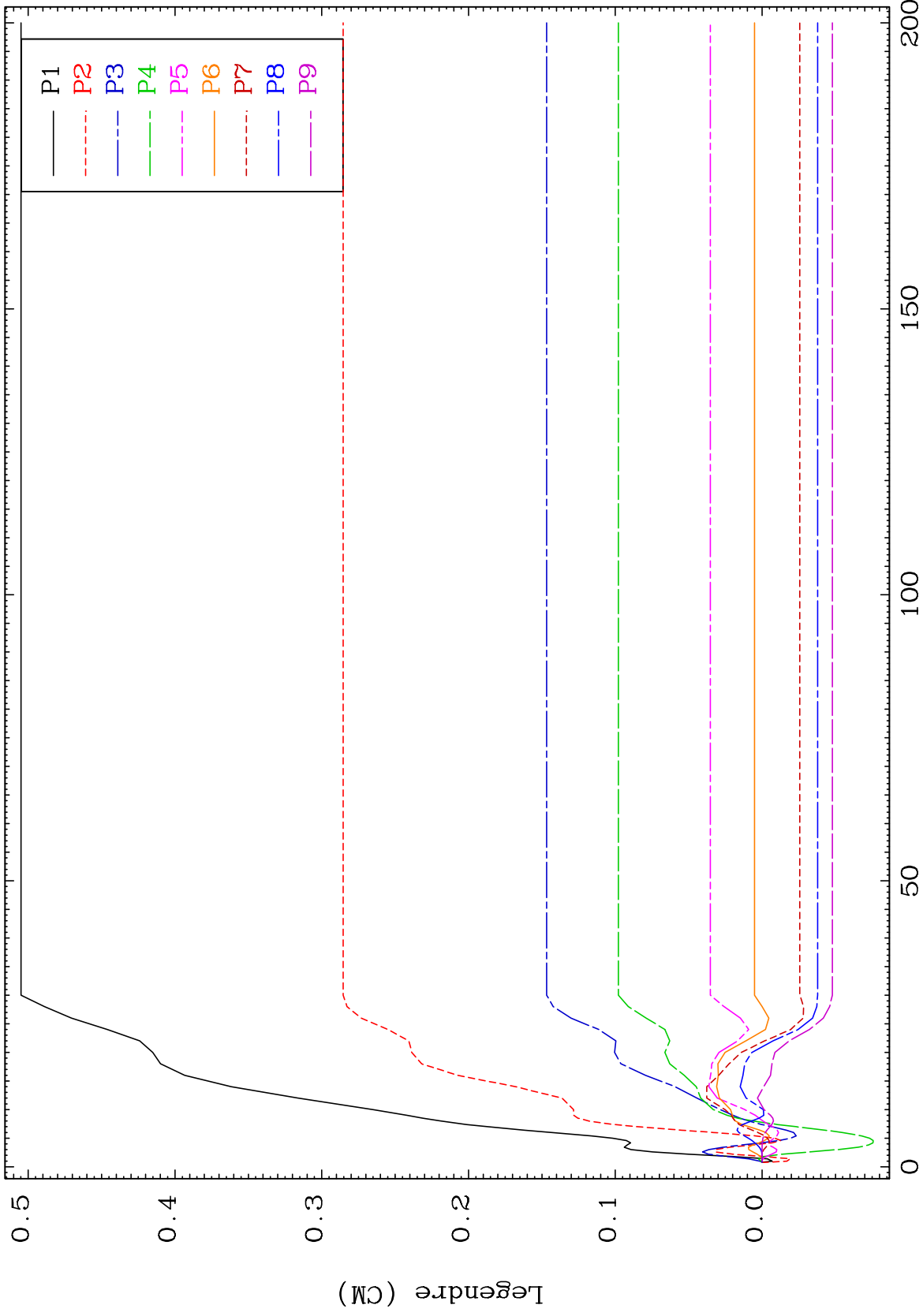


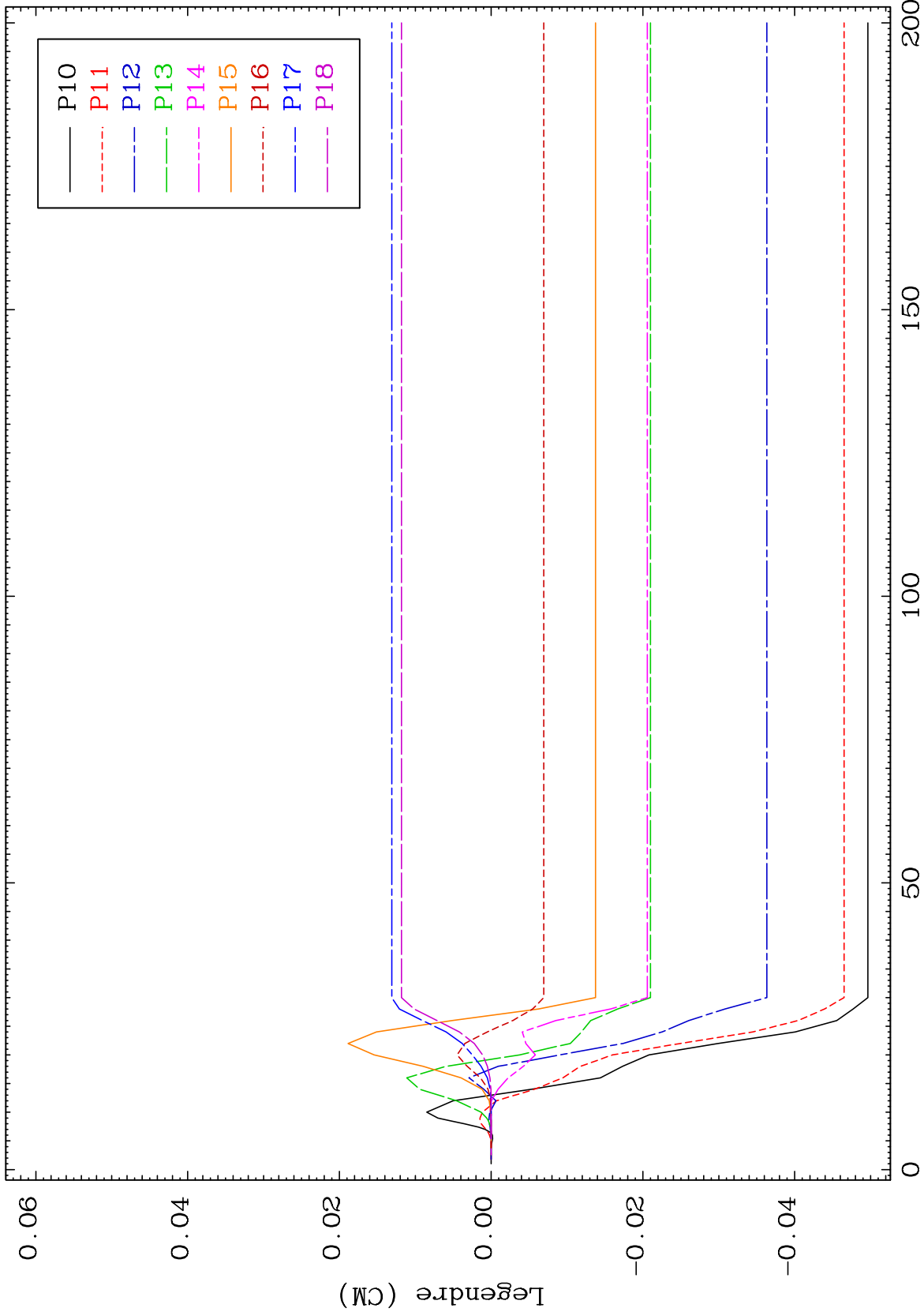
MAT 5325

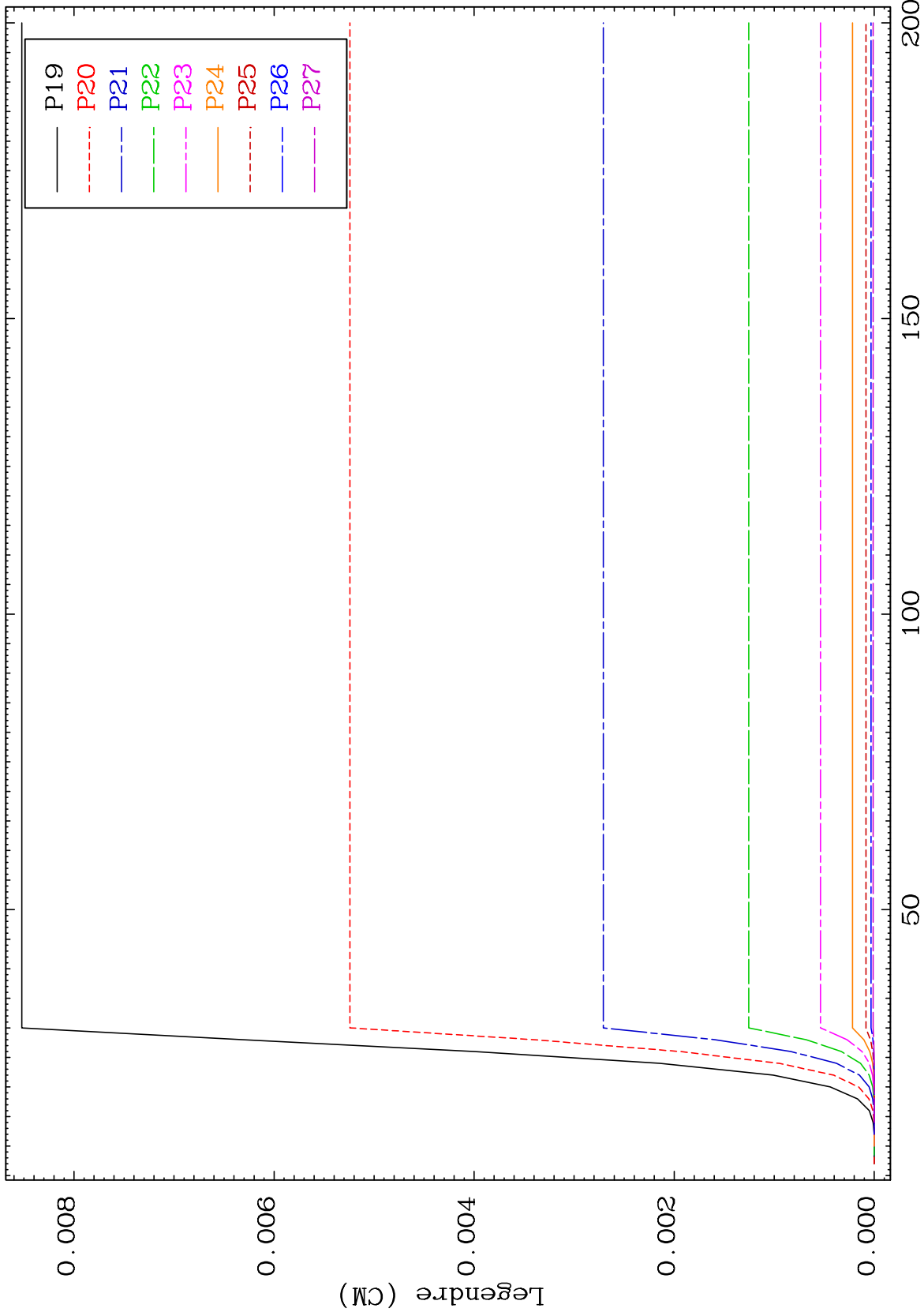
MT= 60 (n,n') Level  
Legendre Coefficients

53-I -127





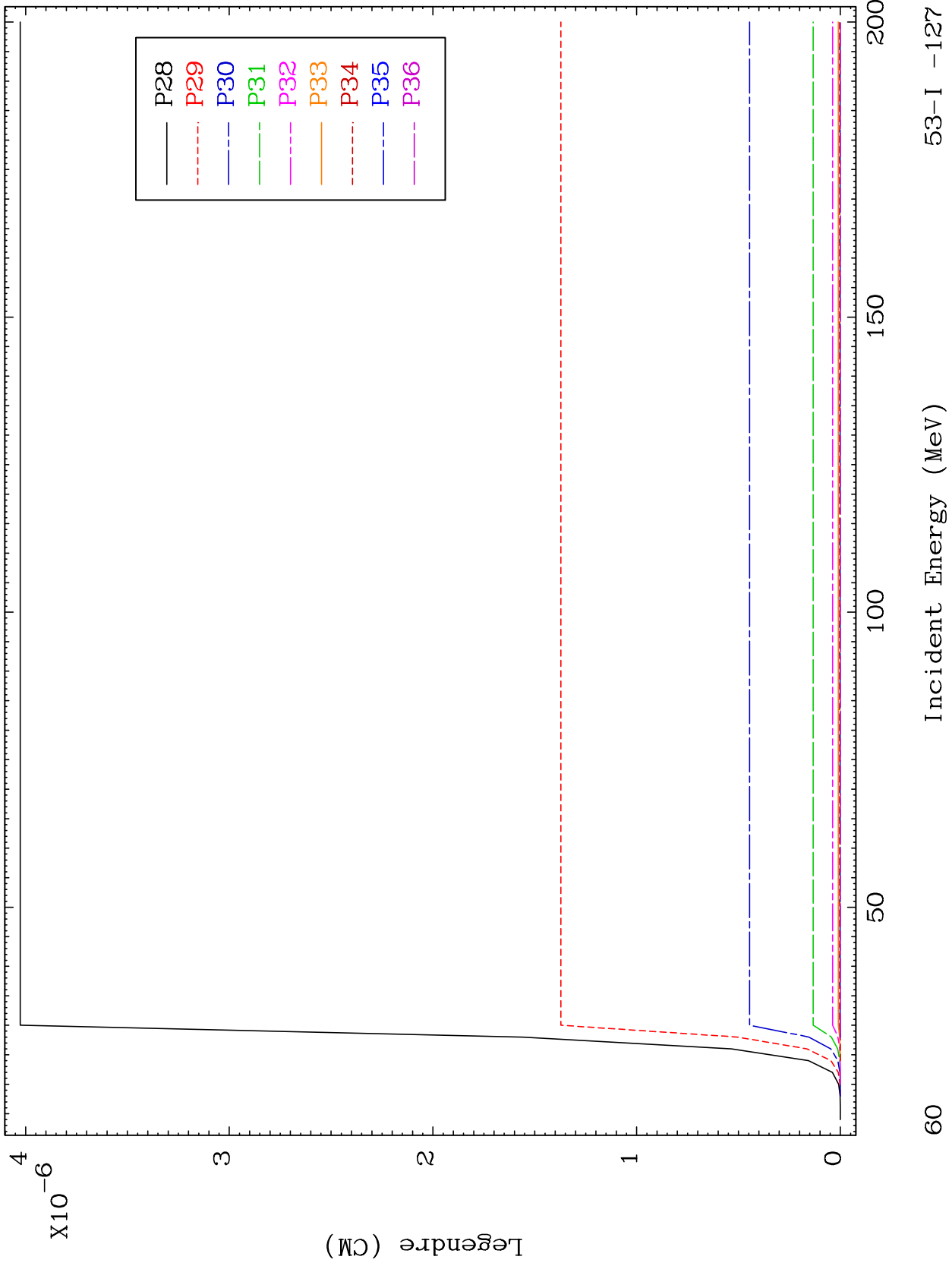


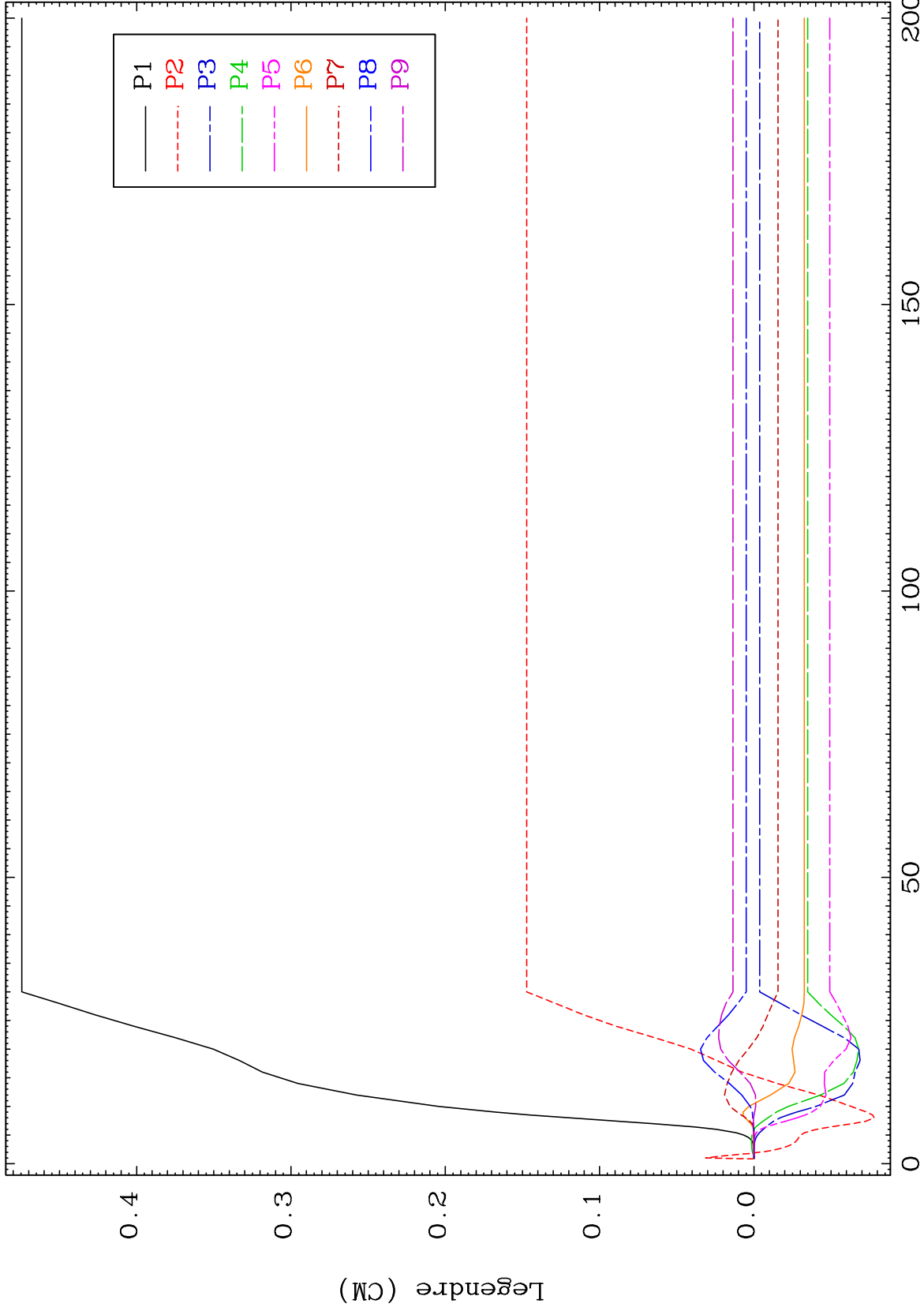


MAT 5325

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

53-I -127

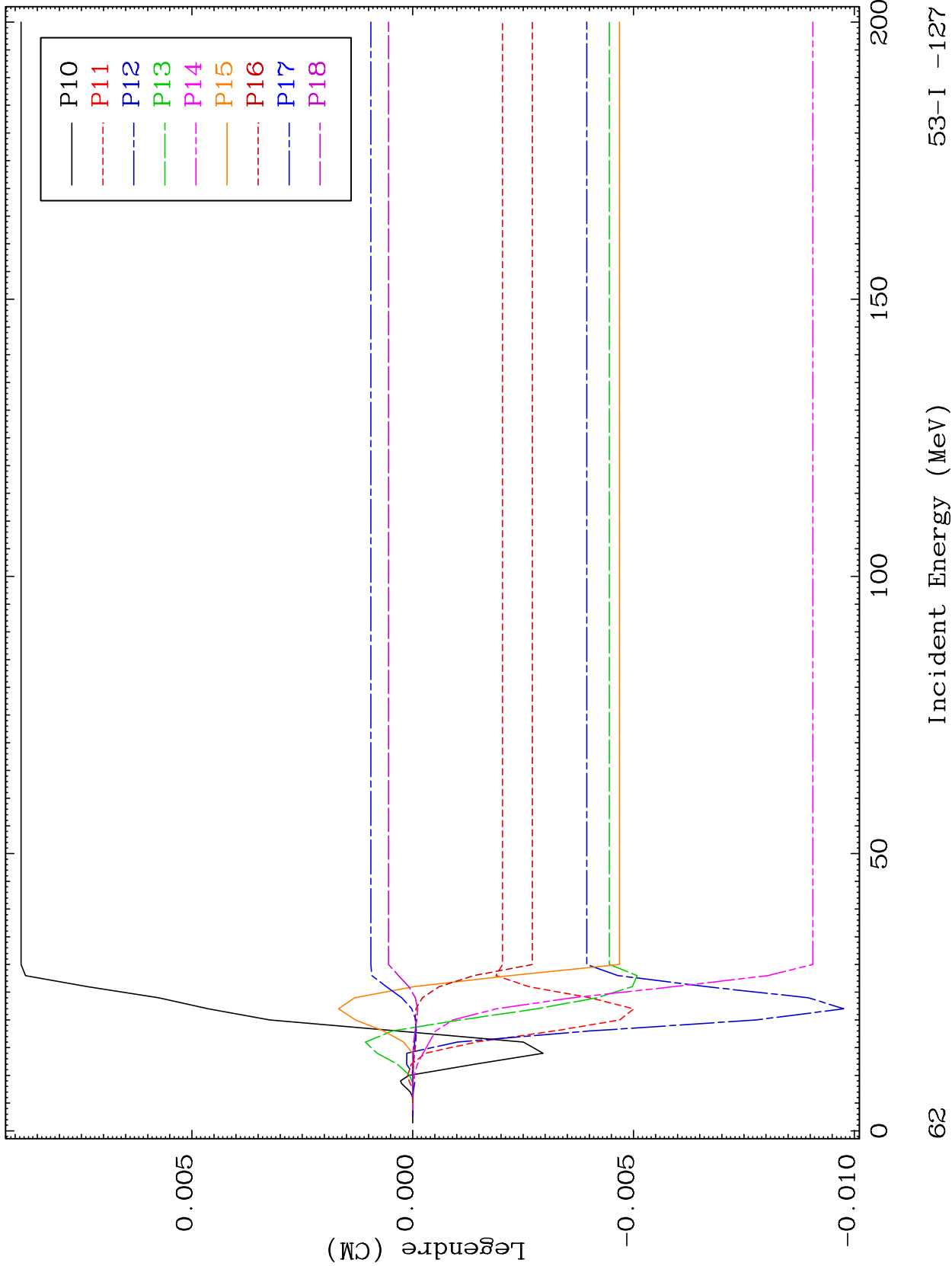




MAT 5325

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

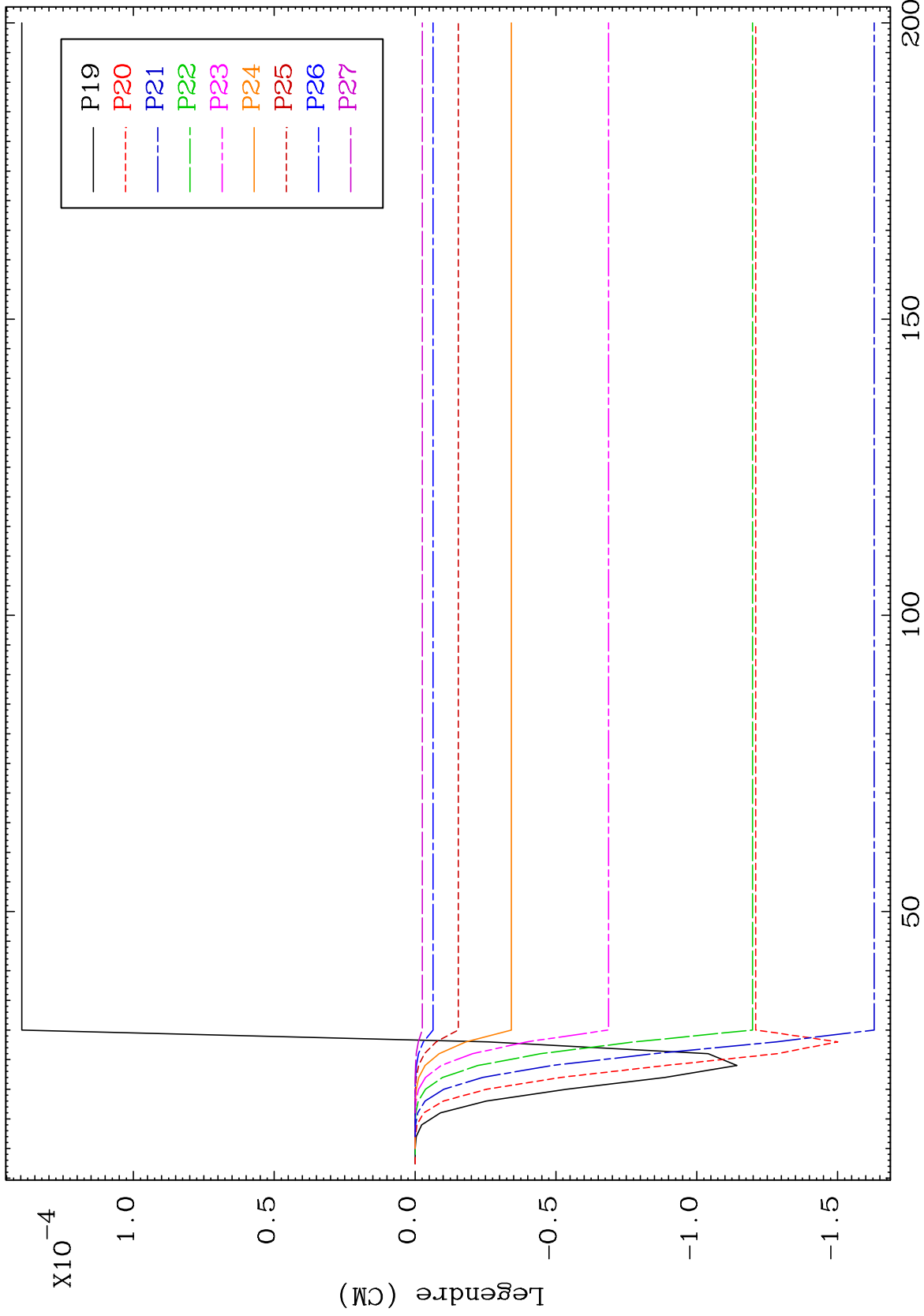
53-I -127

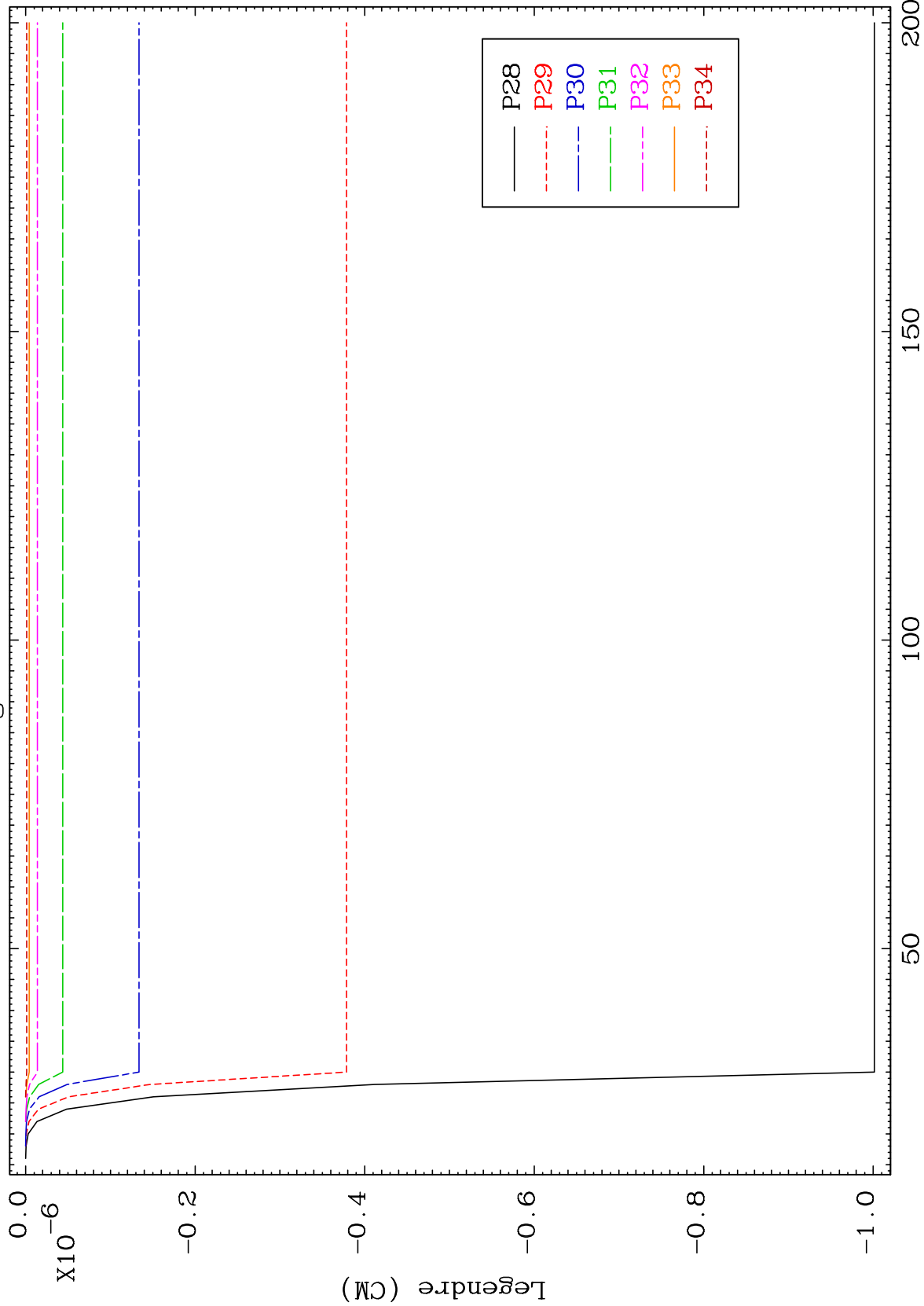


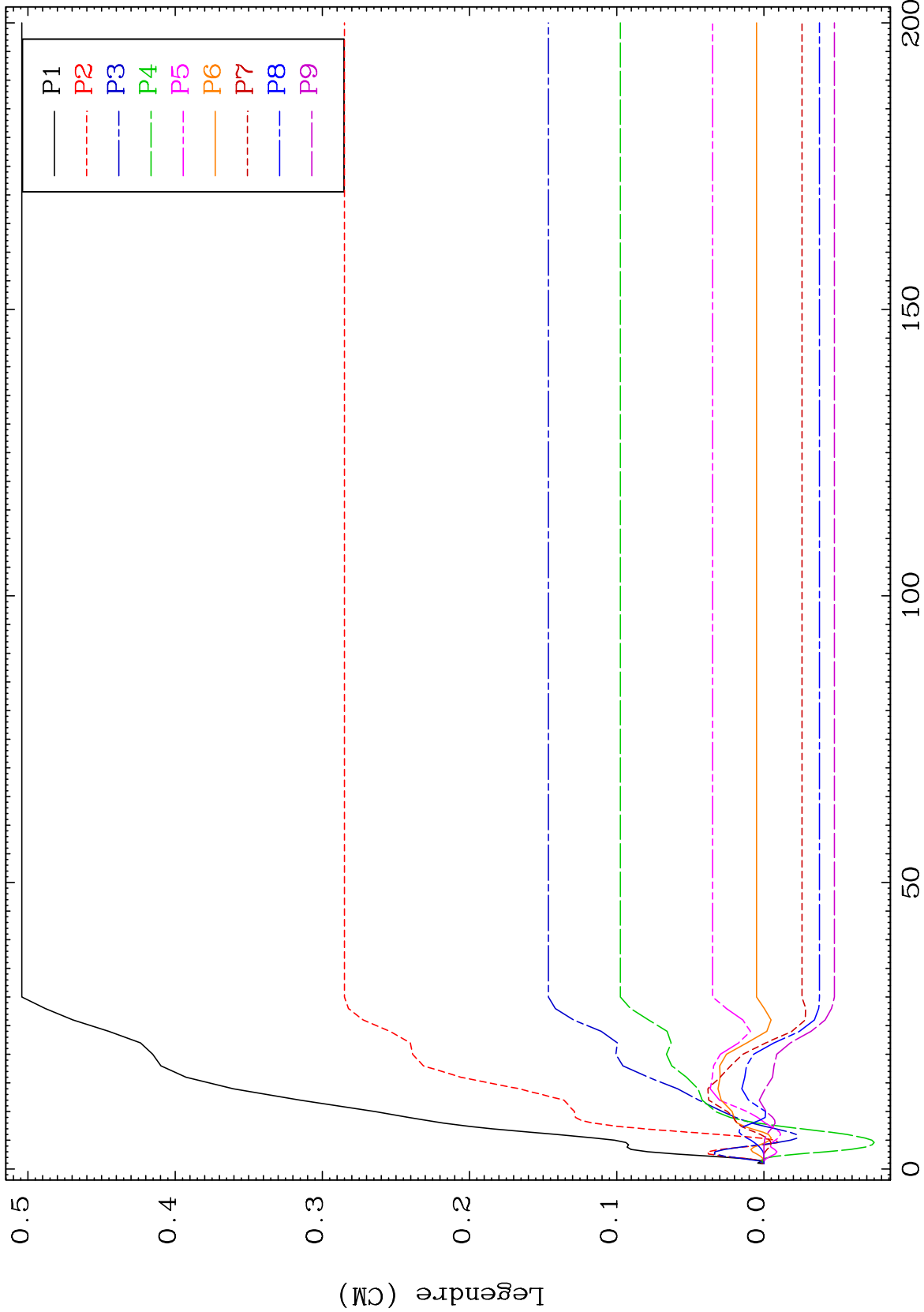
53-I -127

Incident Energy (MeV)

62



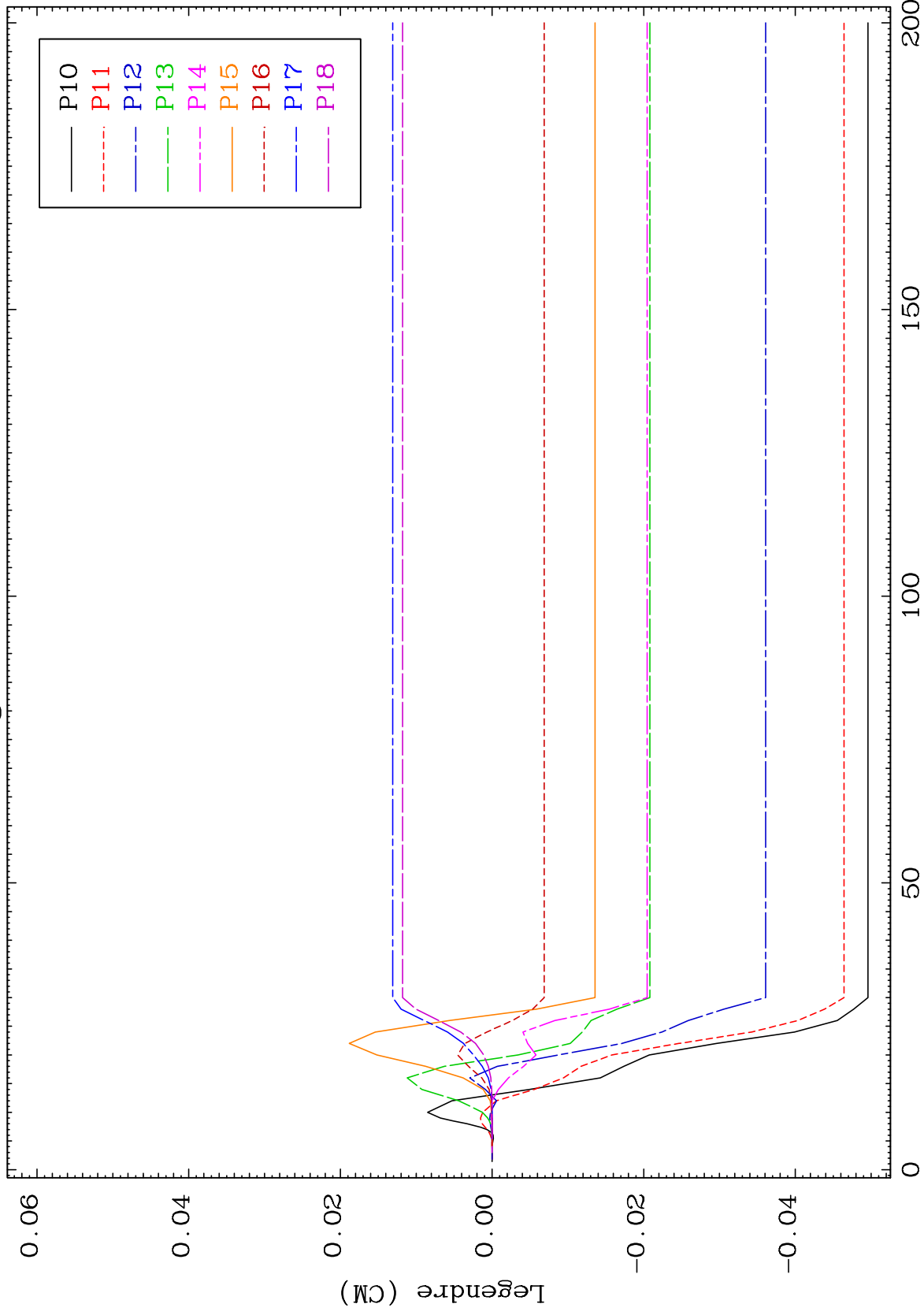




MAT 5325

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

53-I -127



66

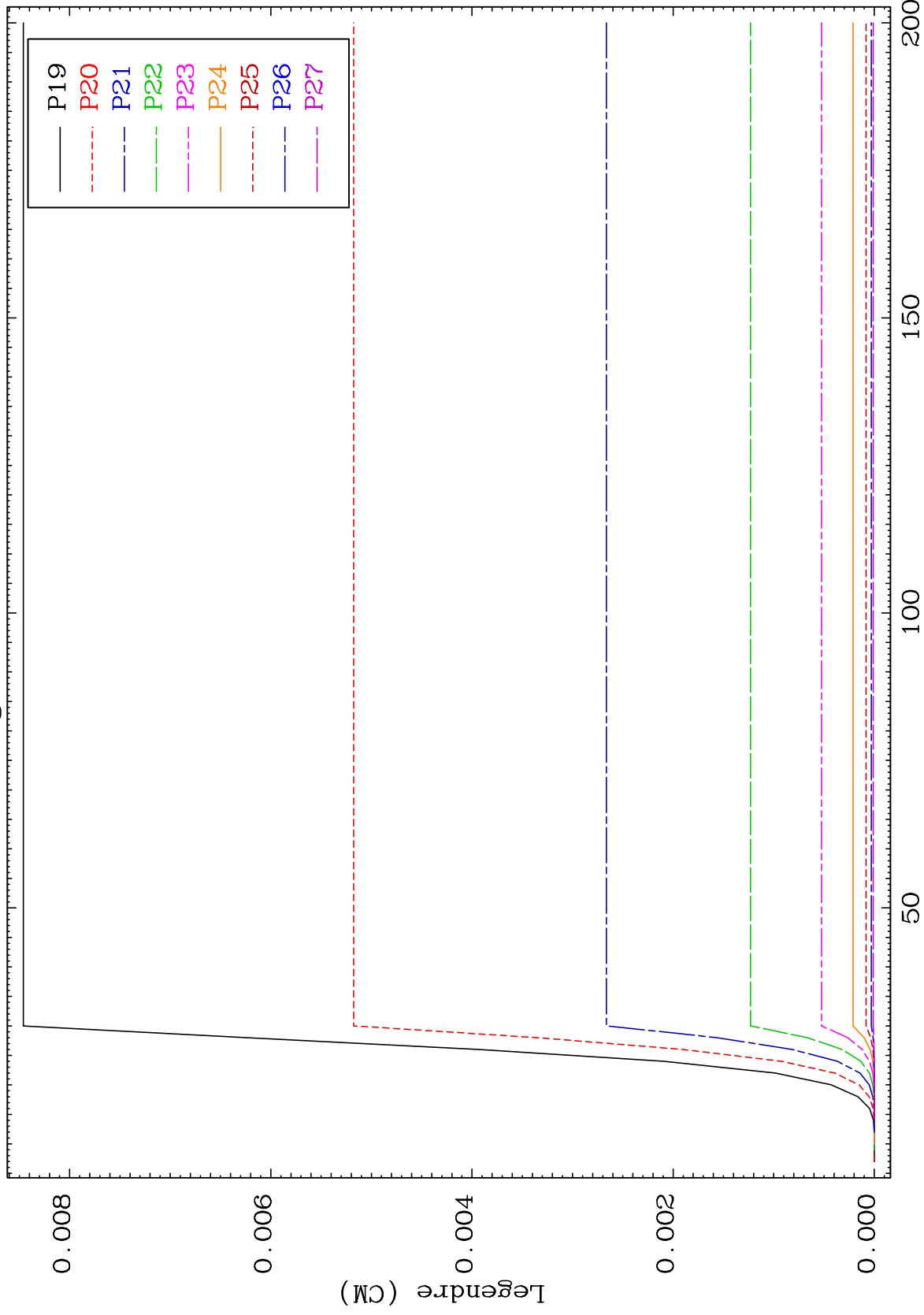
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



67

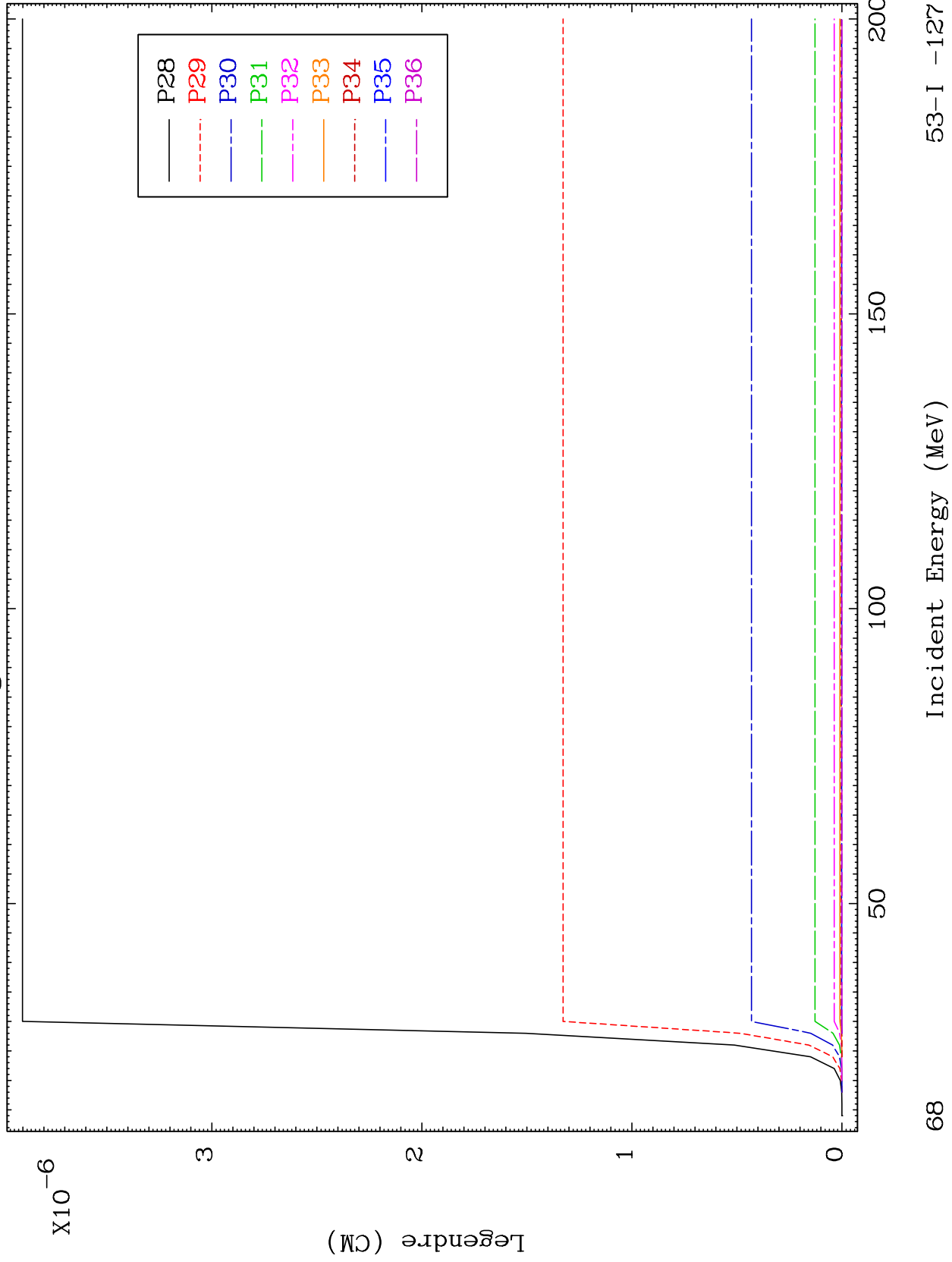
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127

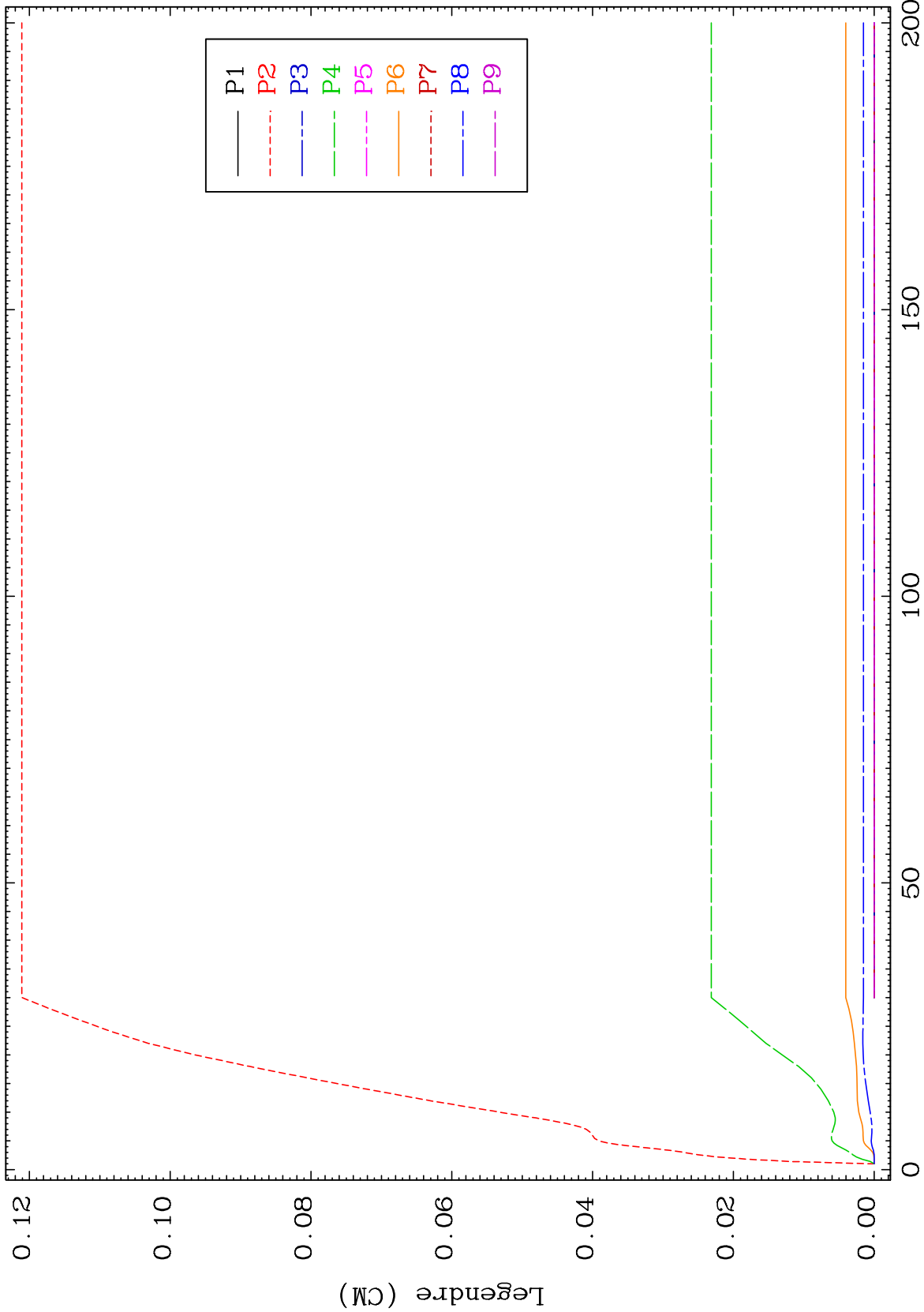


68

MAT 5325

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

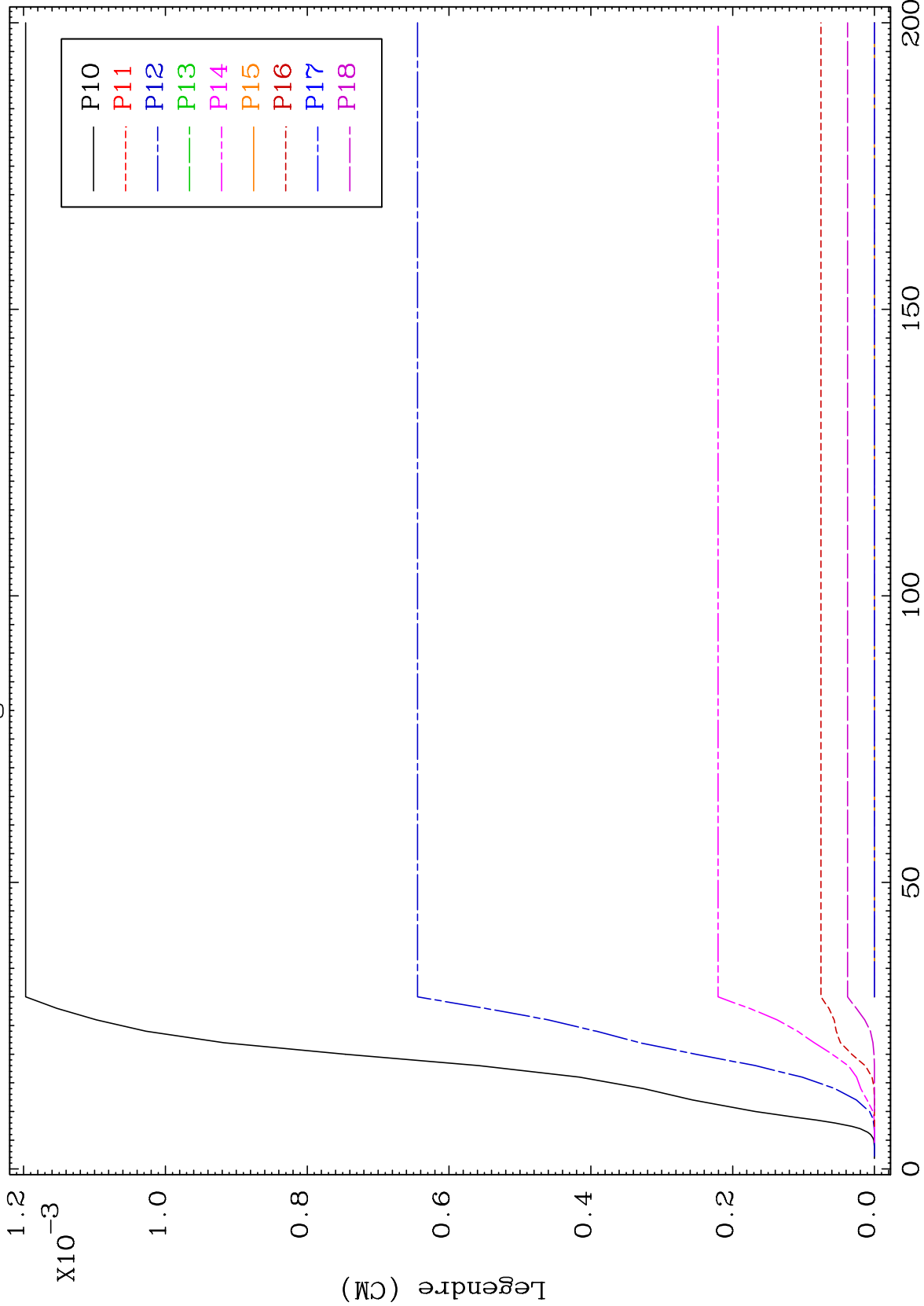
53-I -127



69

Incident Energy (MeV)

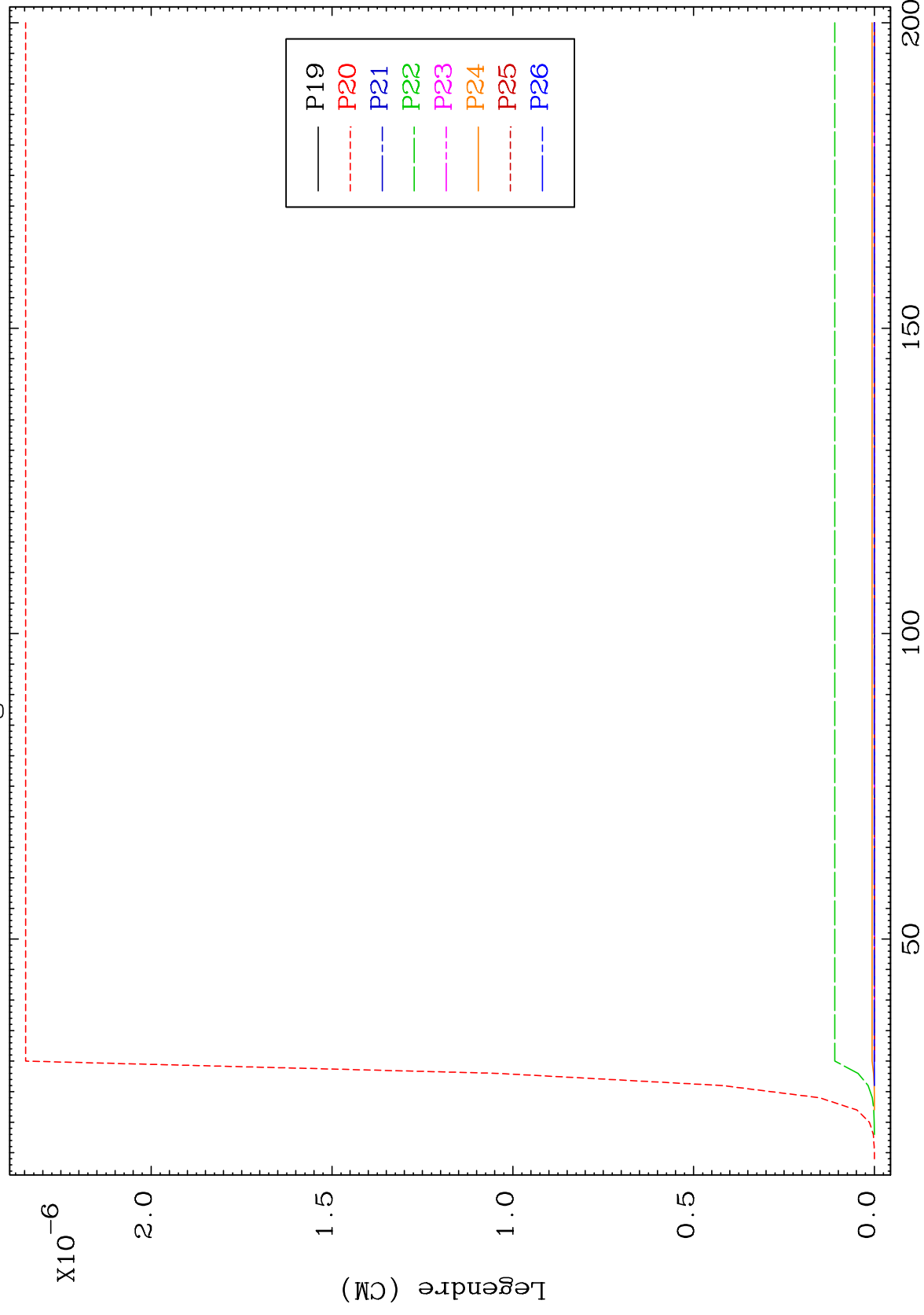
53-I -127



MAT 5325

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

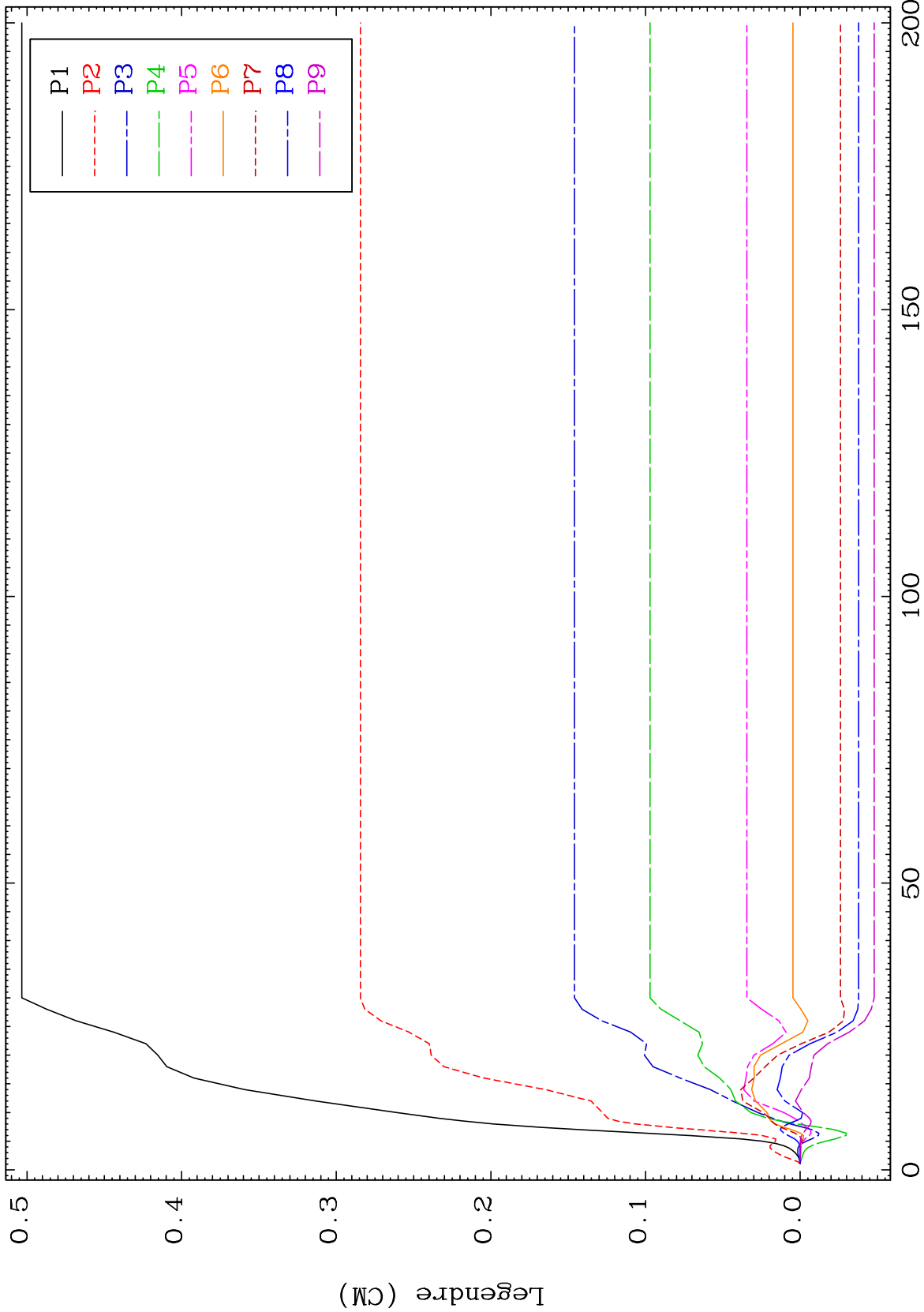
53-I -127



71

Incident Energy (MeV)

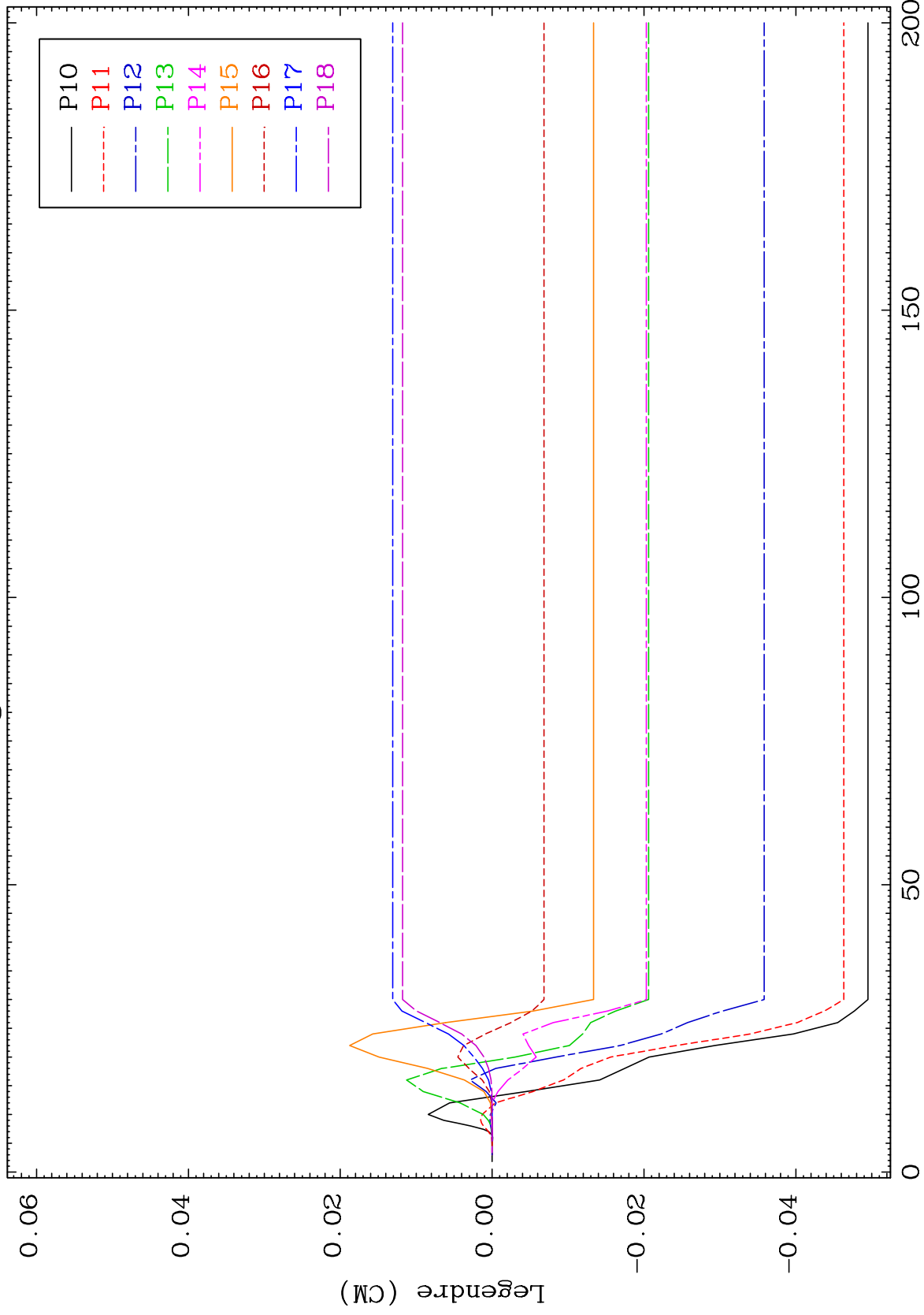
53-I -127



MAT 5325

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

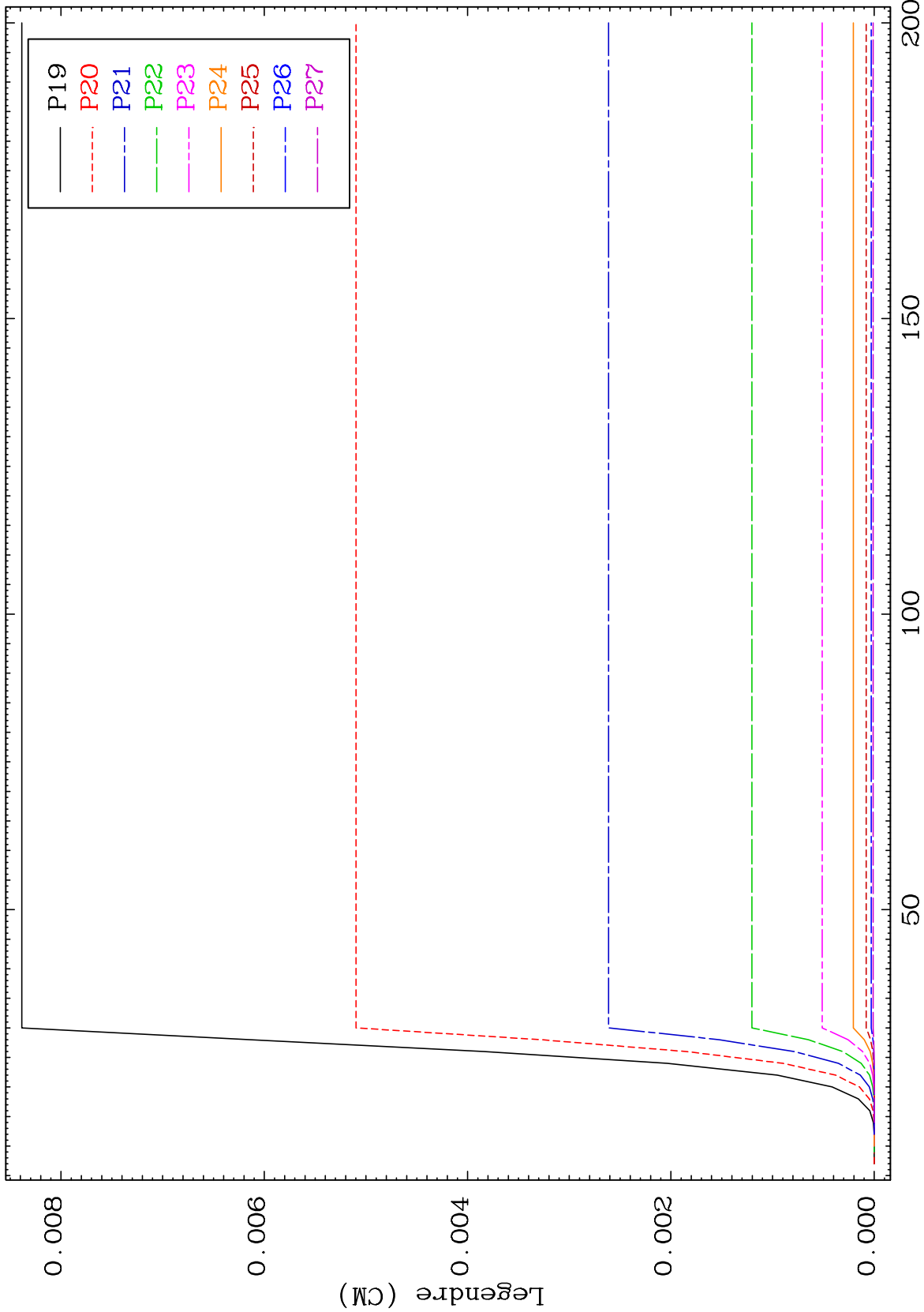
53-I -127



73

Incident Energy (MeV)

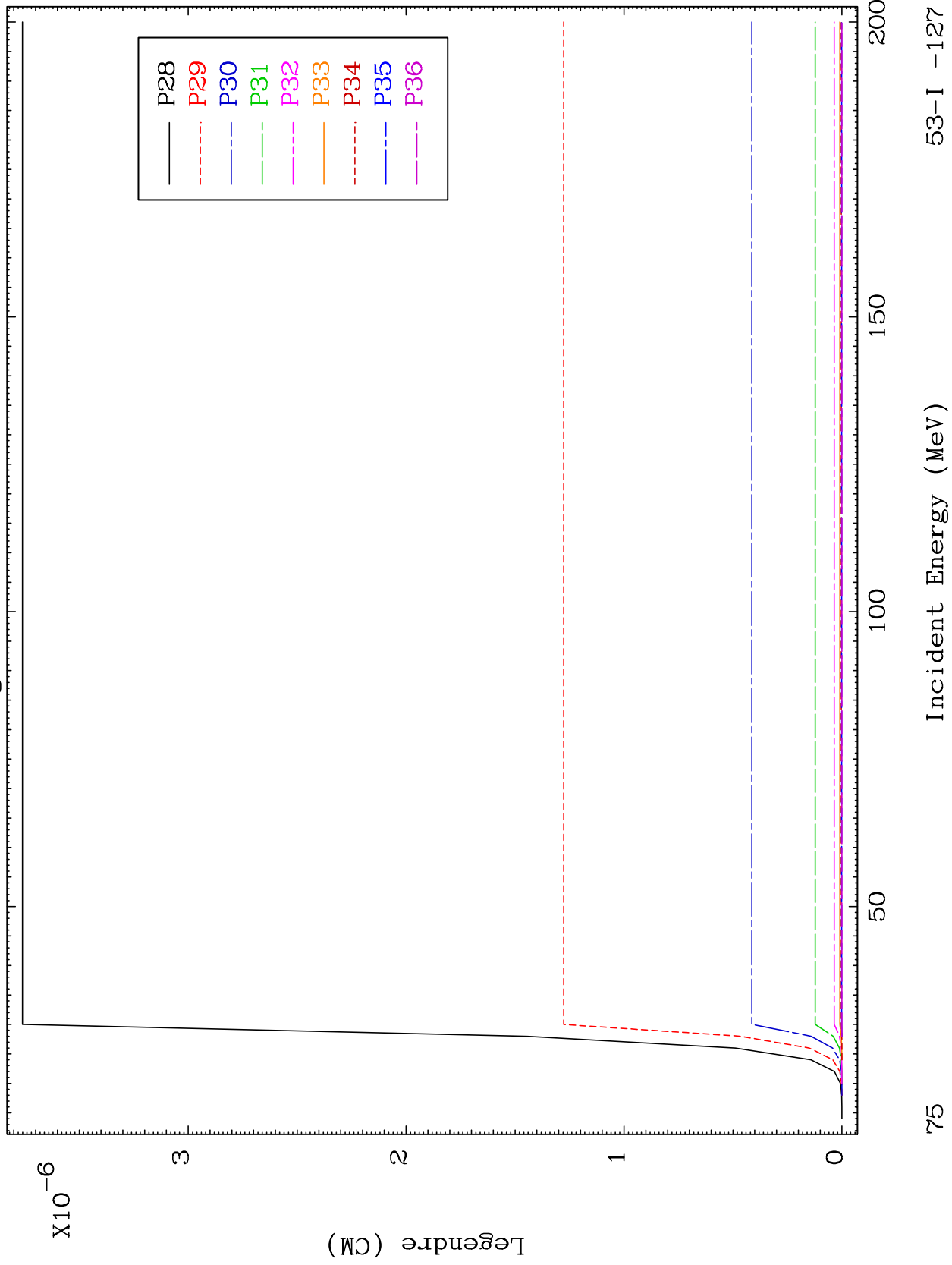
53-I -127



MAT 5325

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

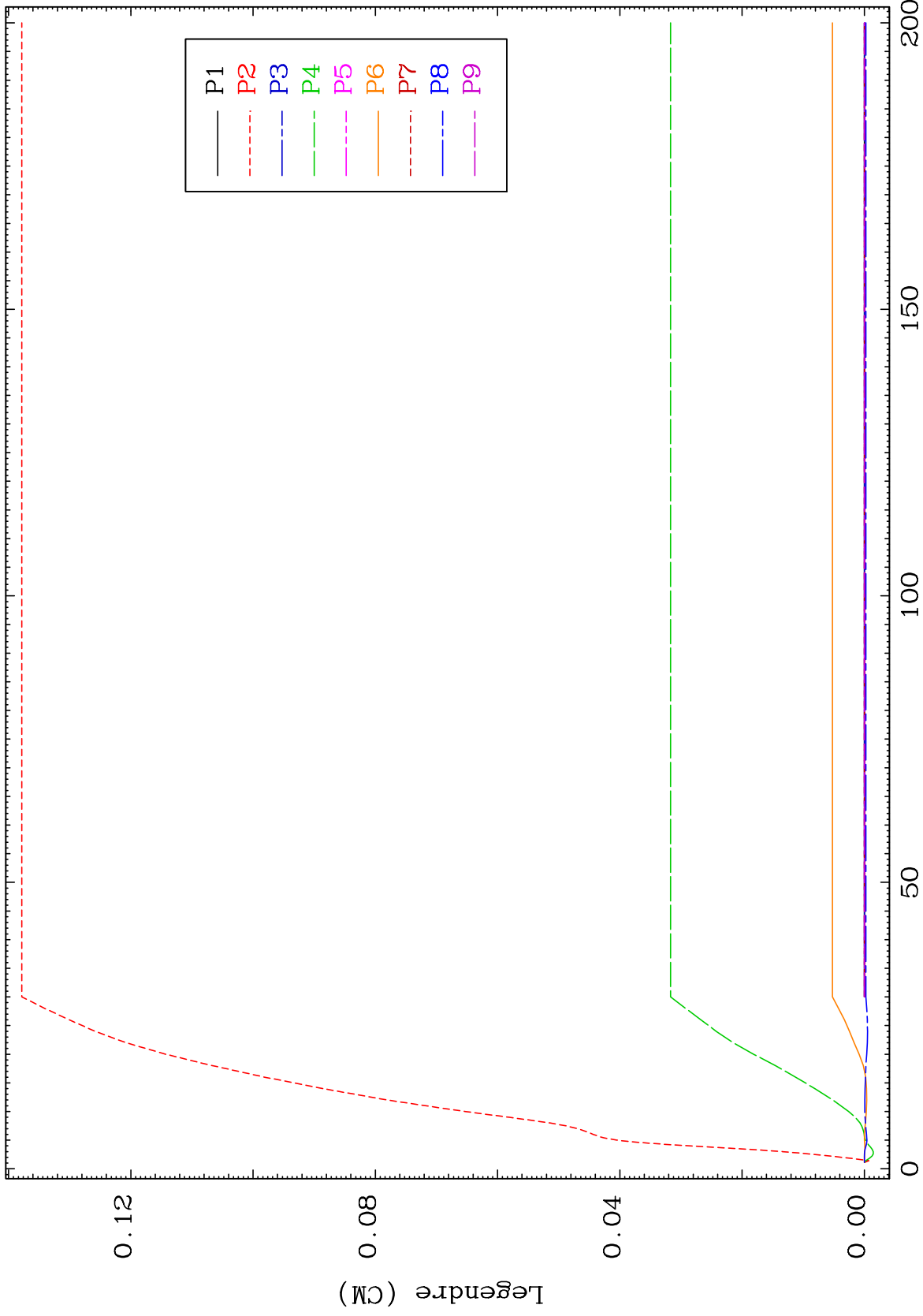
53-I -127



MAT 5325

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

53-I -127



76

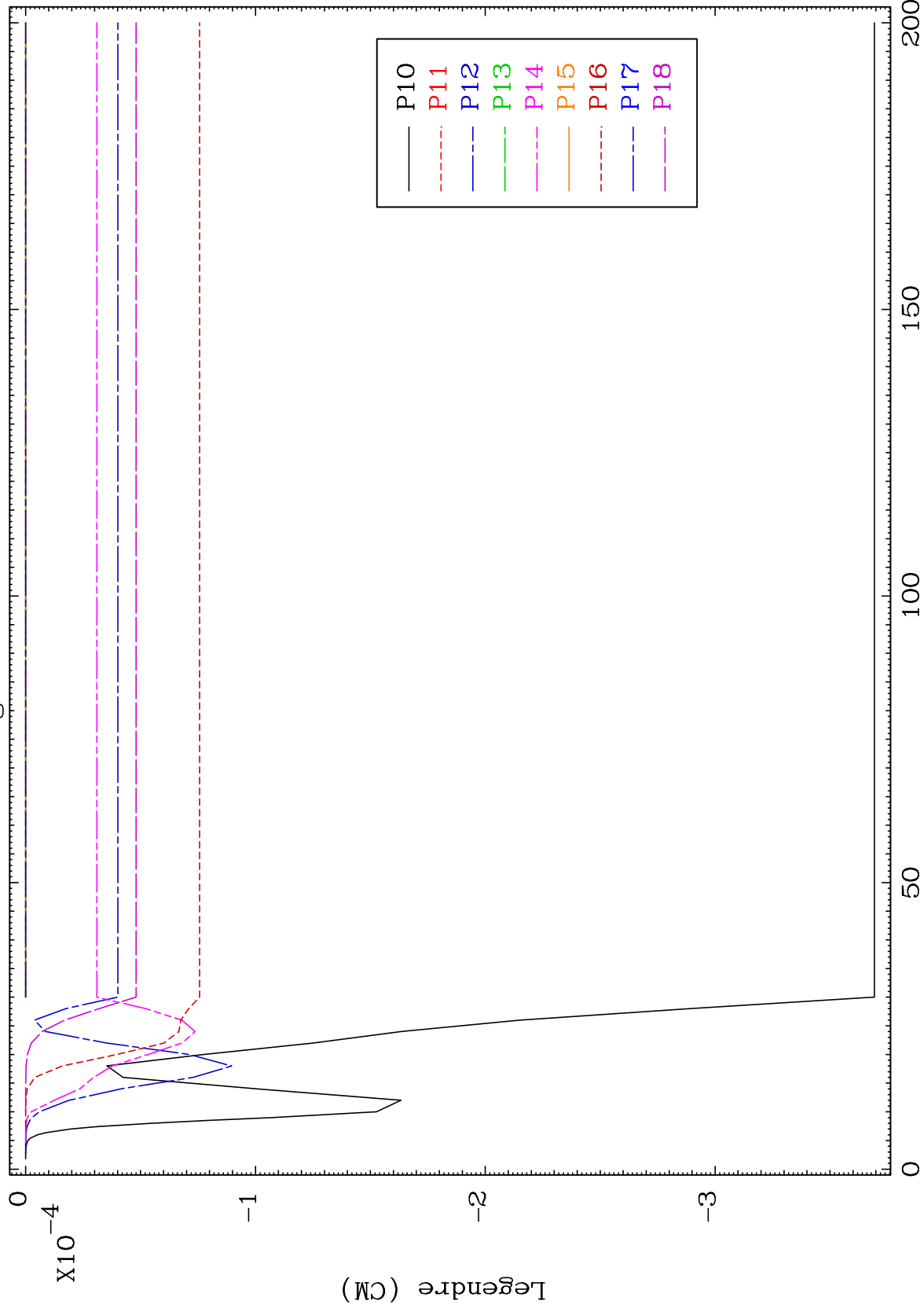
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



77

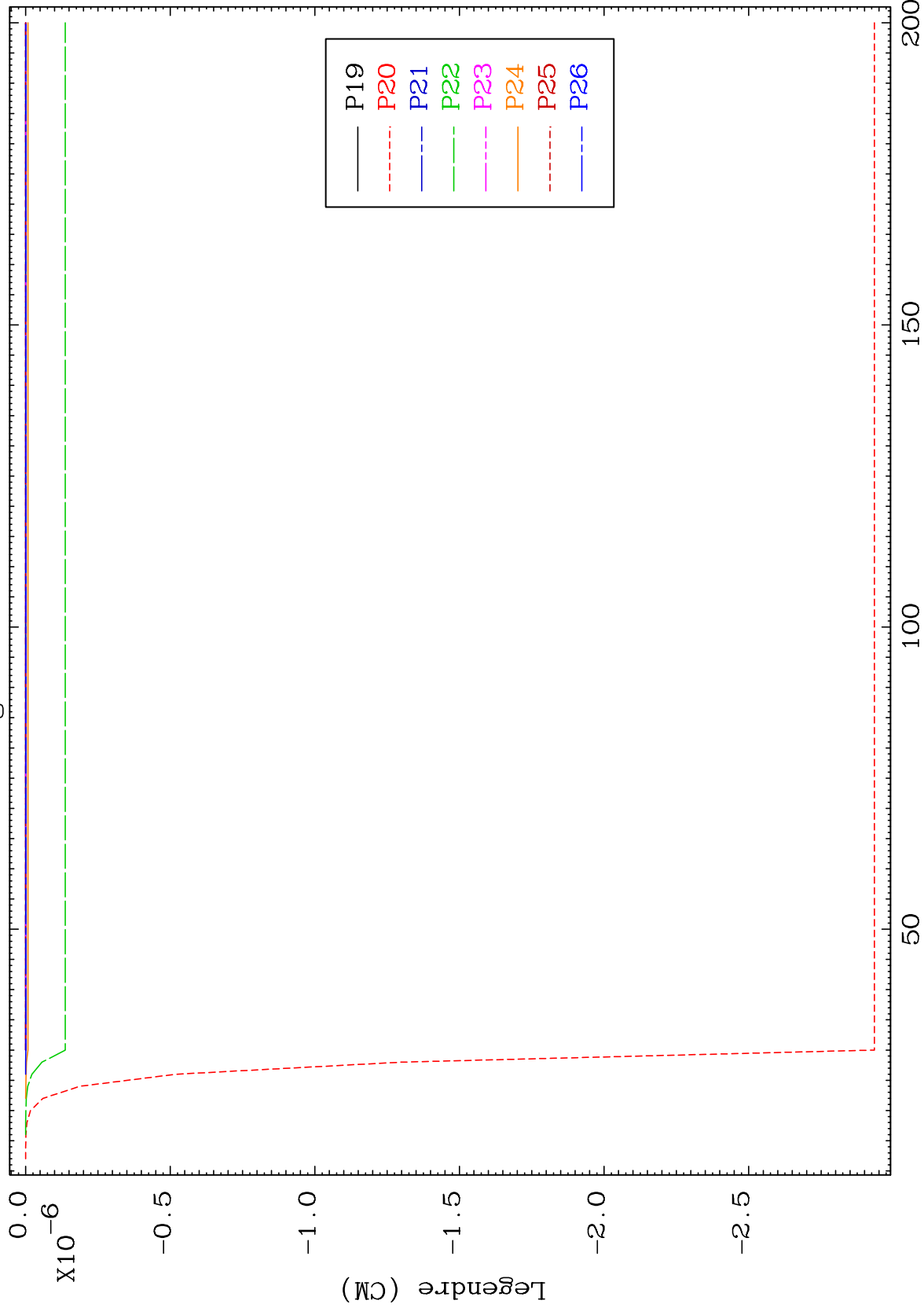
Incident Energy (MeV)

53-I -127

MAT 5325

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

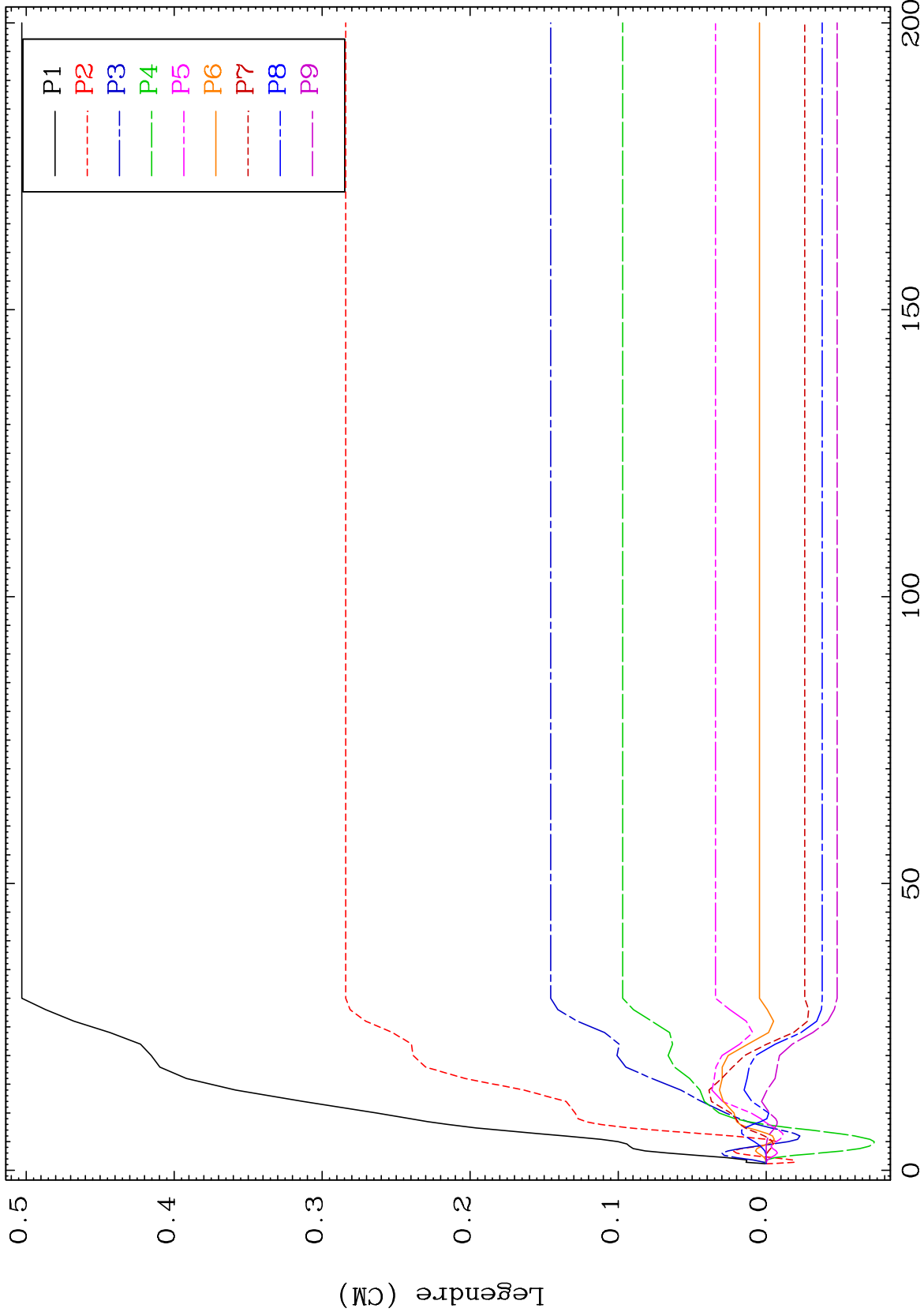
53-I -127



78

Incident Energy (MeV)

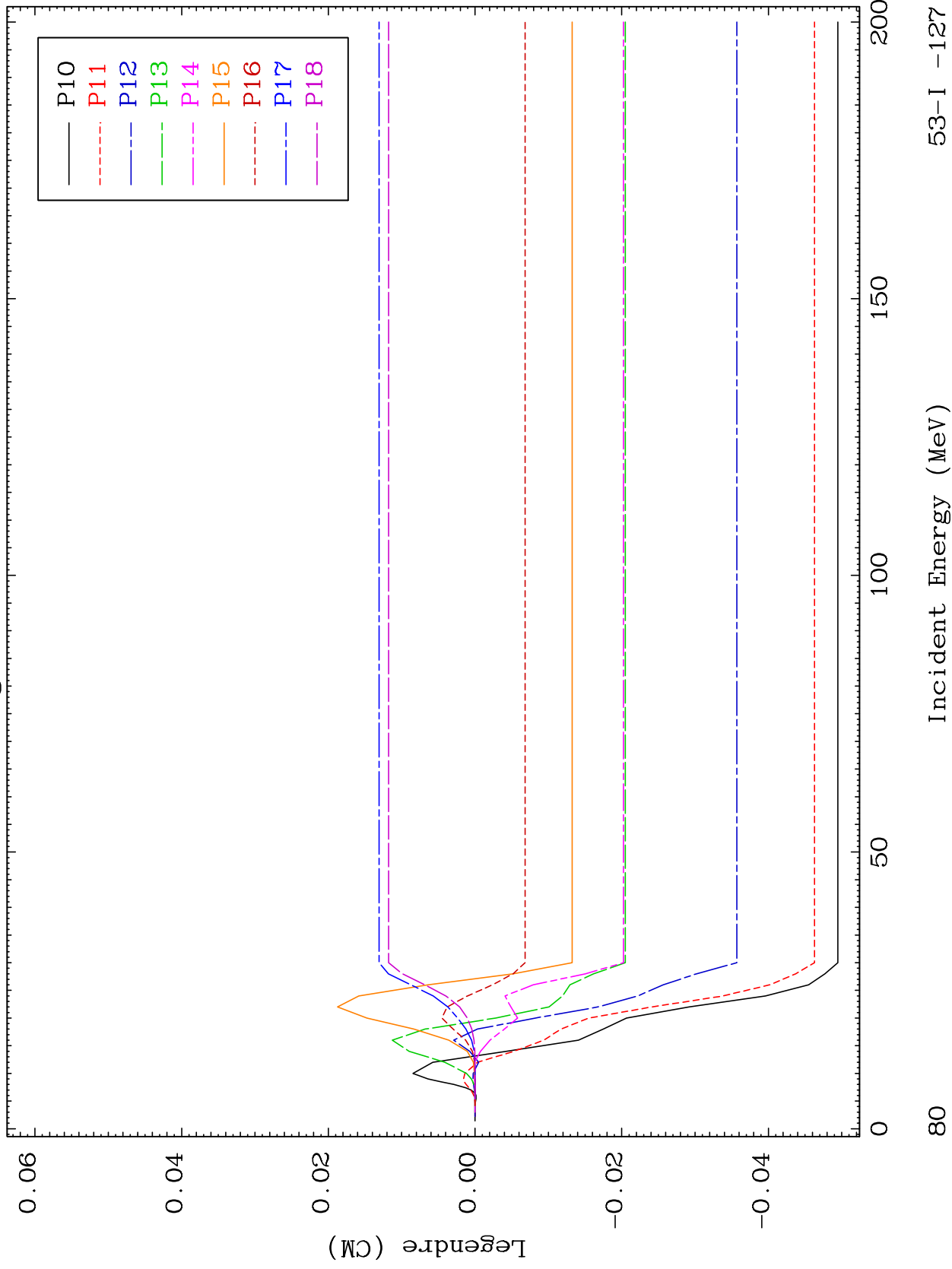
53-I -127



MAT 5325

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

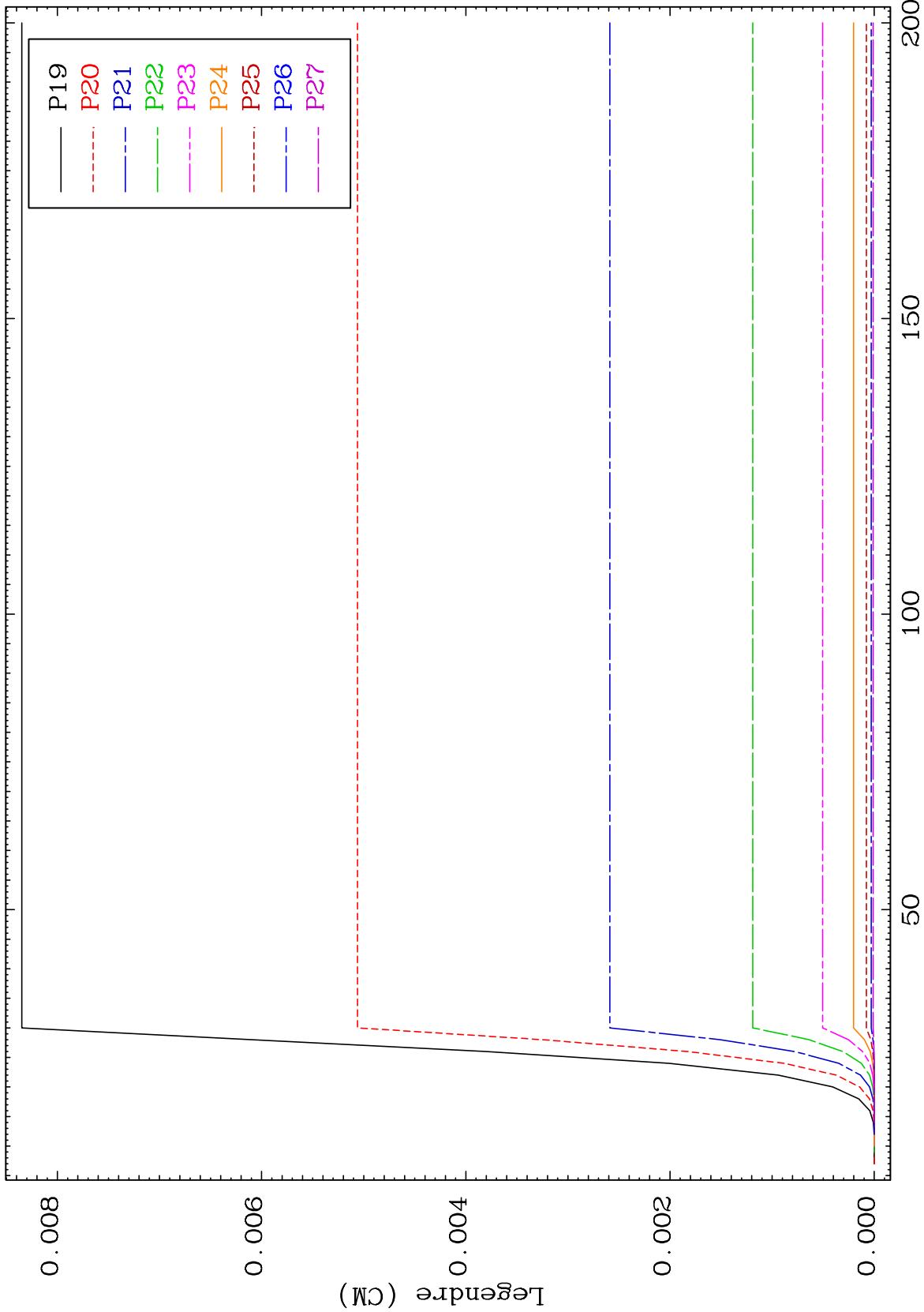
53-I -127

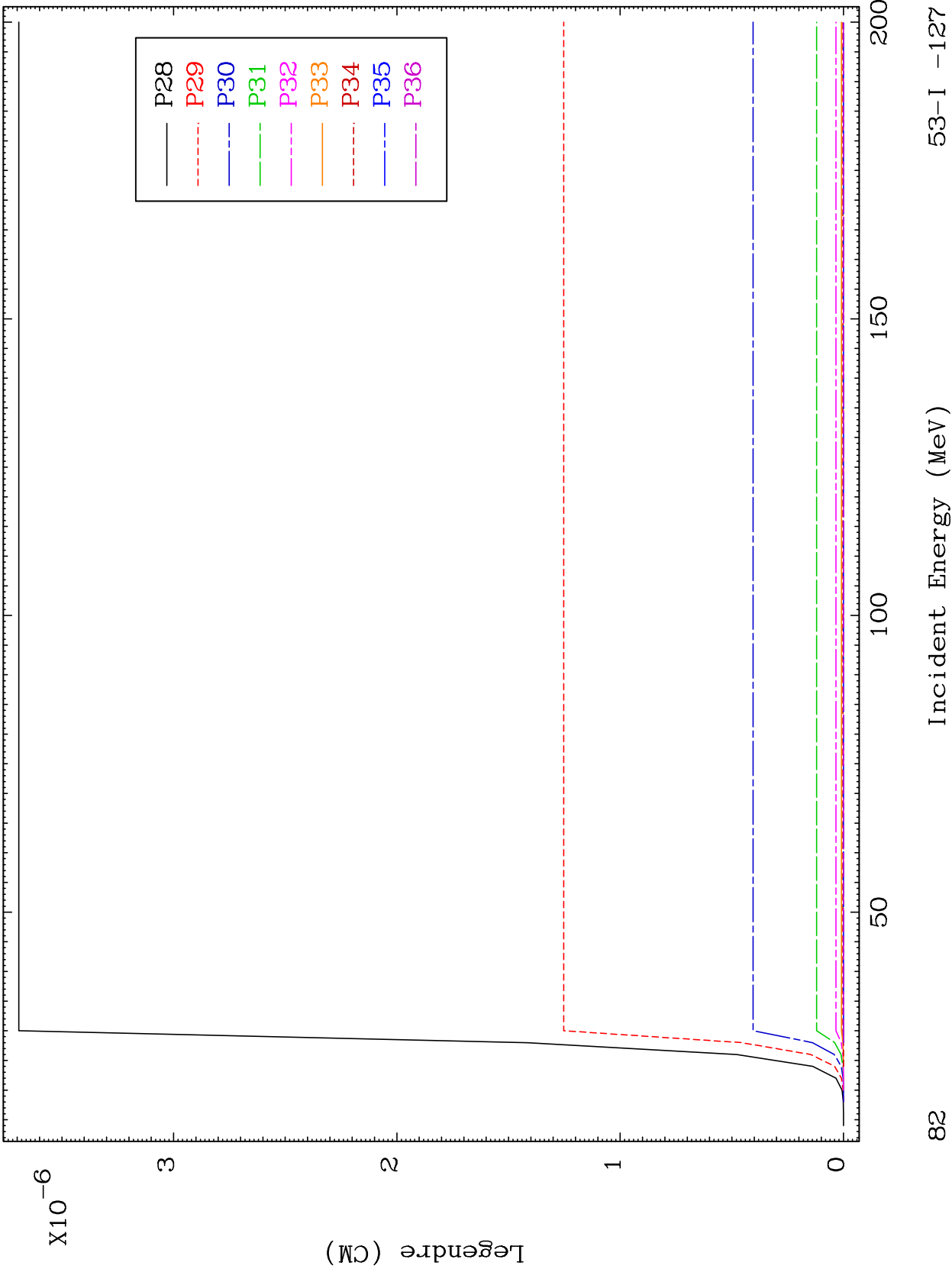


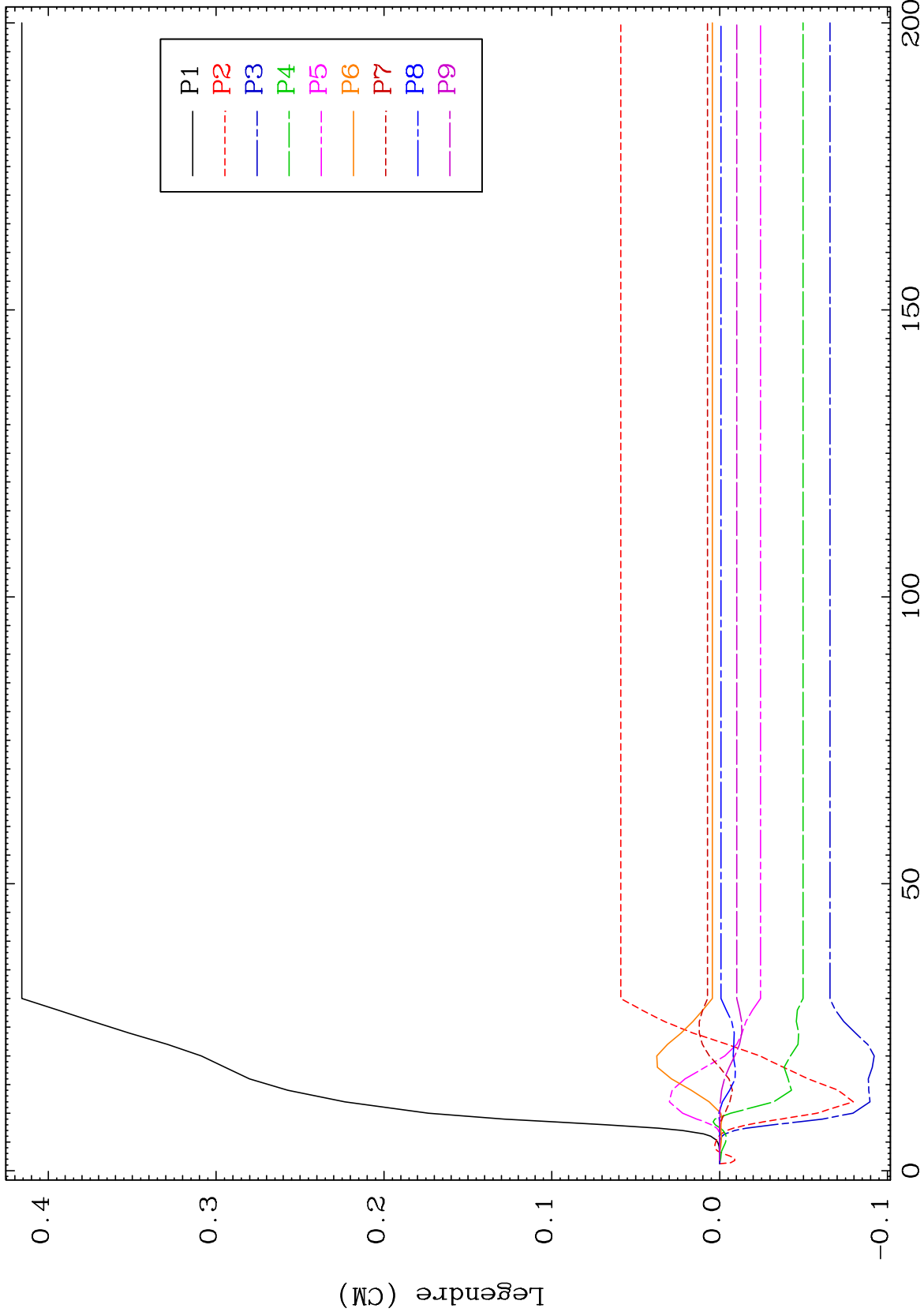
53-I -127

Incident Energy (MeV)

80



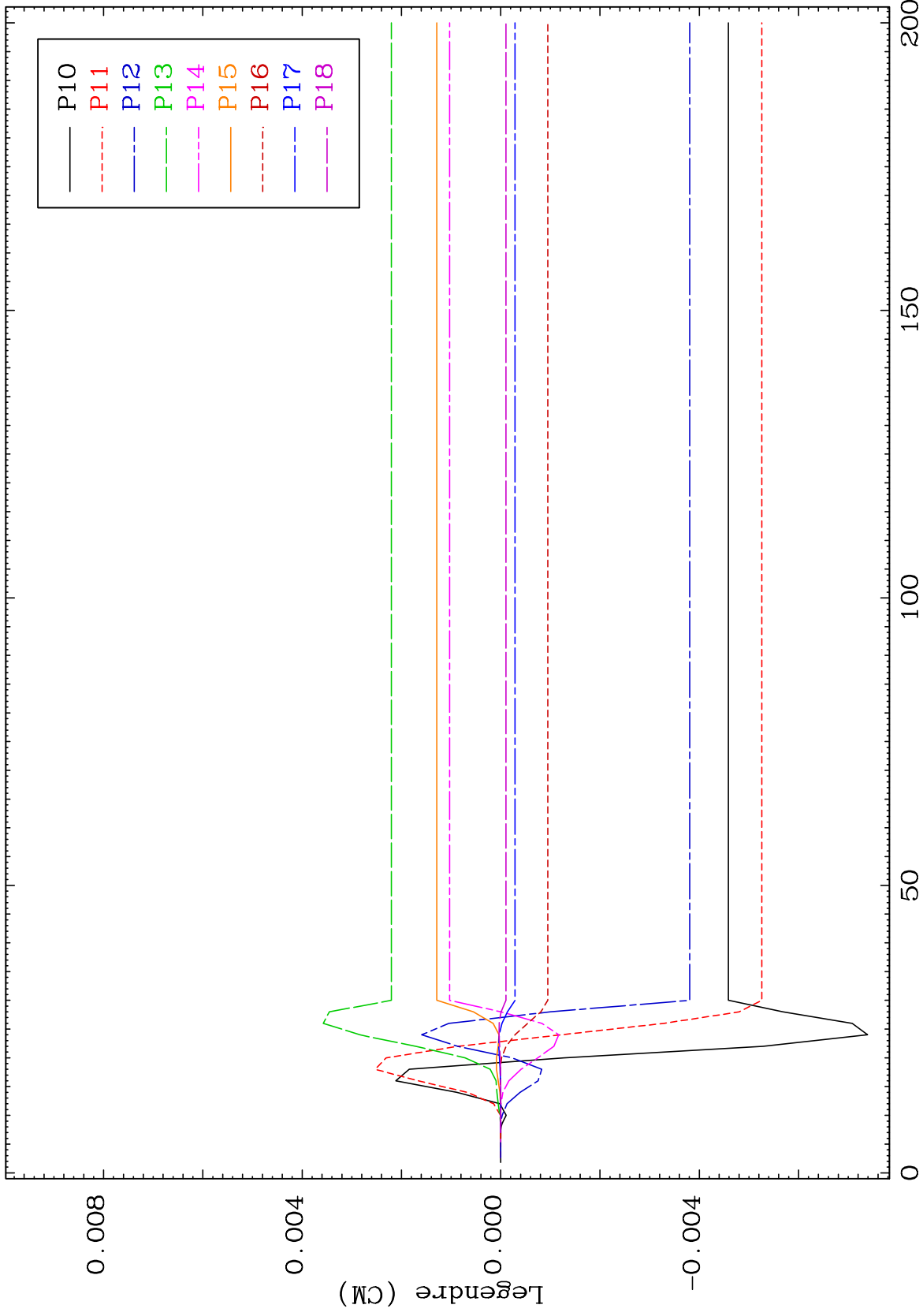




MAT 5325

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

53-I -127



84

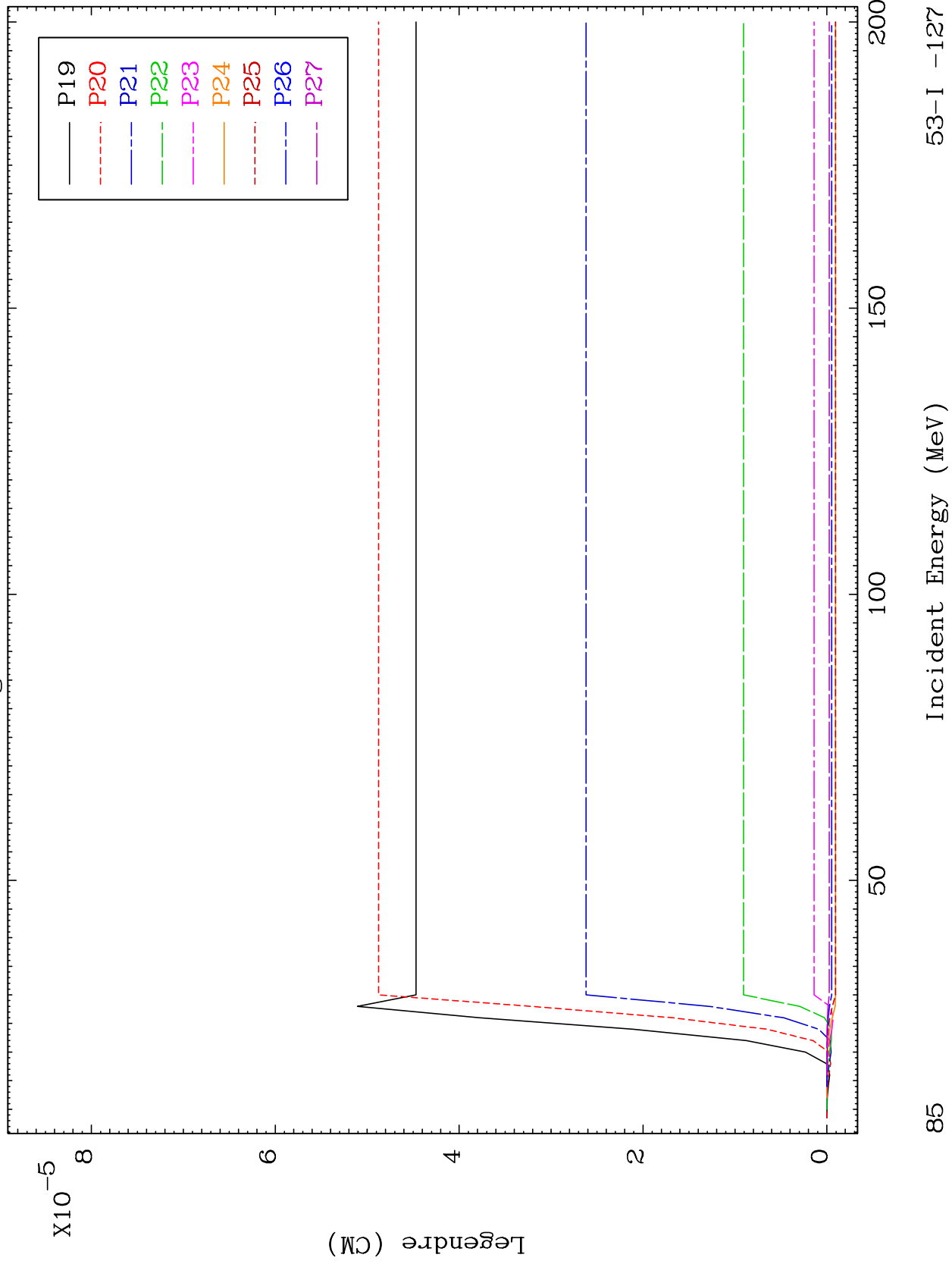
Incident Energy (MeV)

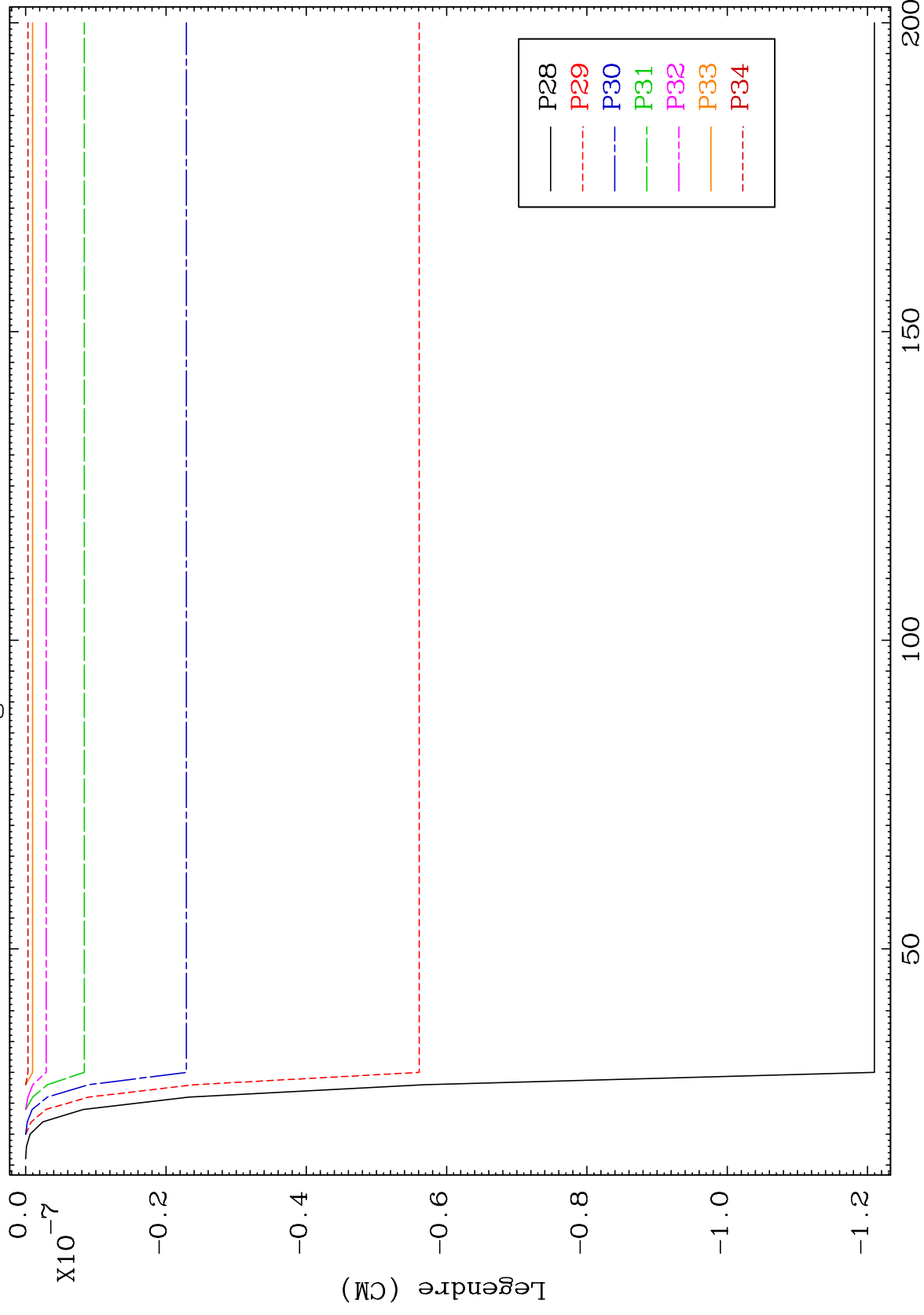
53-I -127

MAT 5325

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

53-I -127

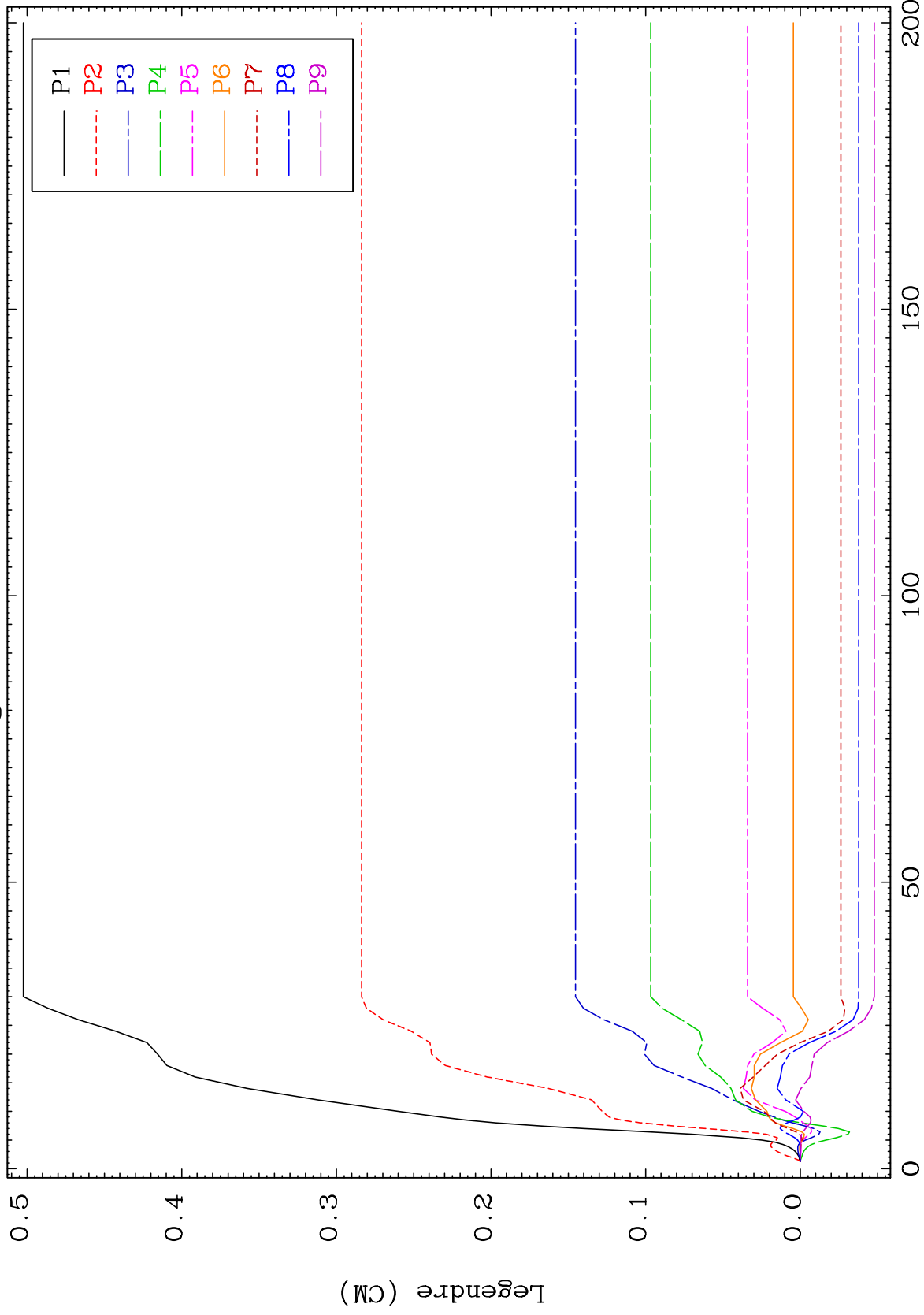




MAT 5325

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

53-I -127



87

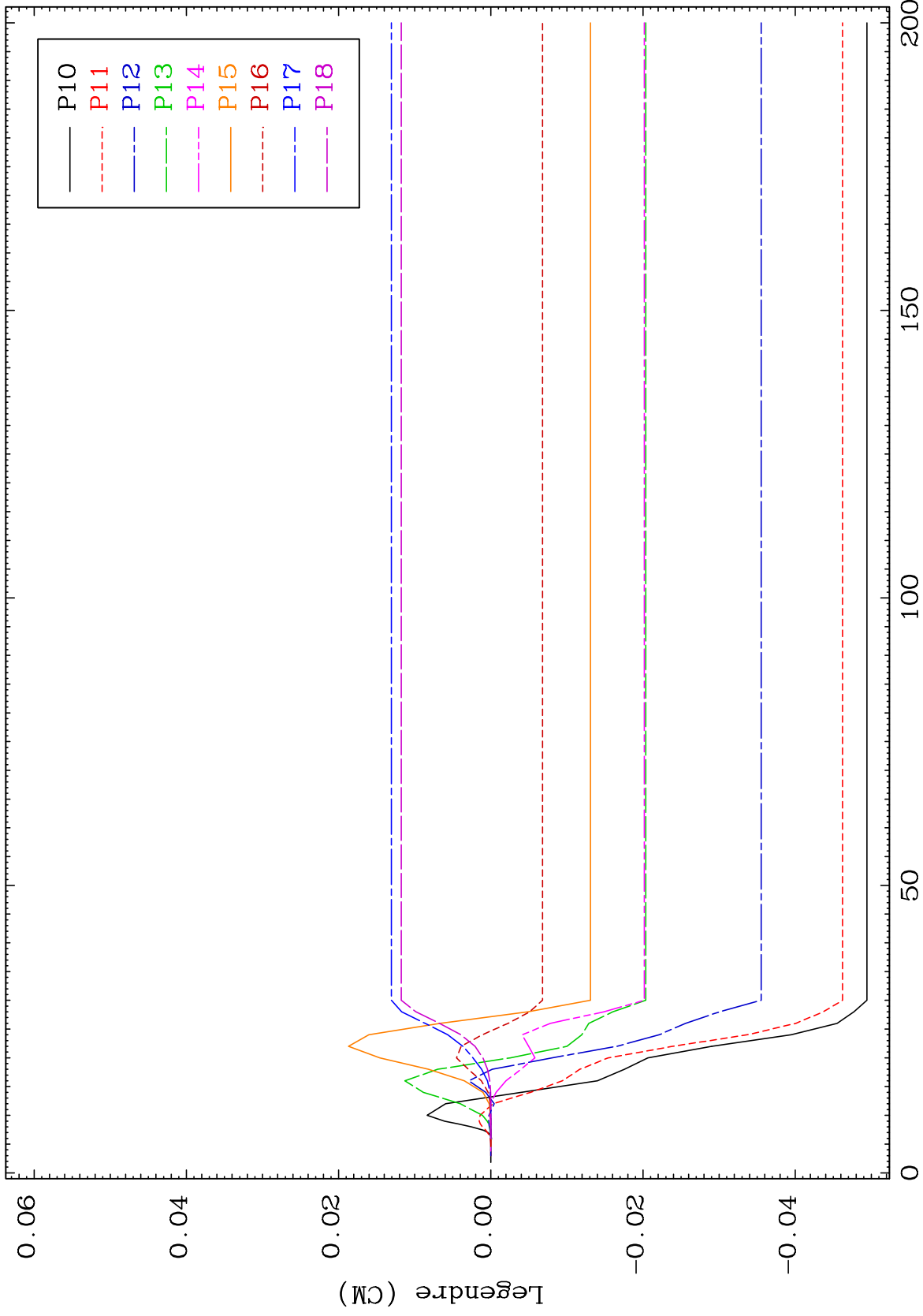
Incident Energy (MeV)

53-I -127

MAT 5325

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

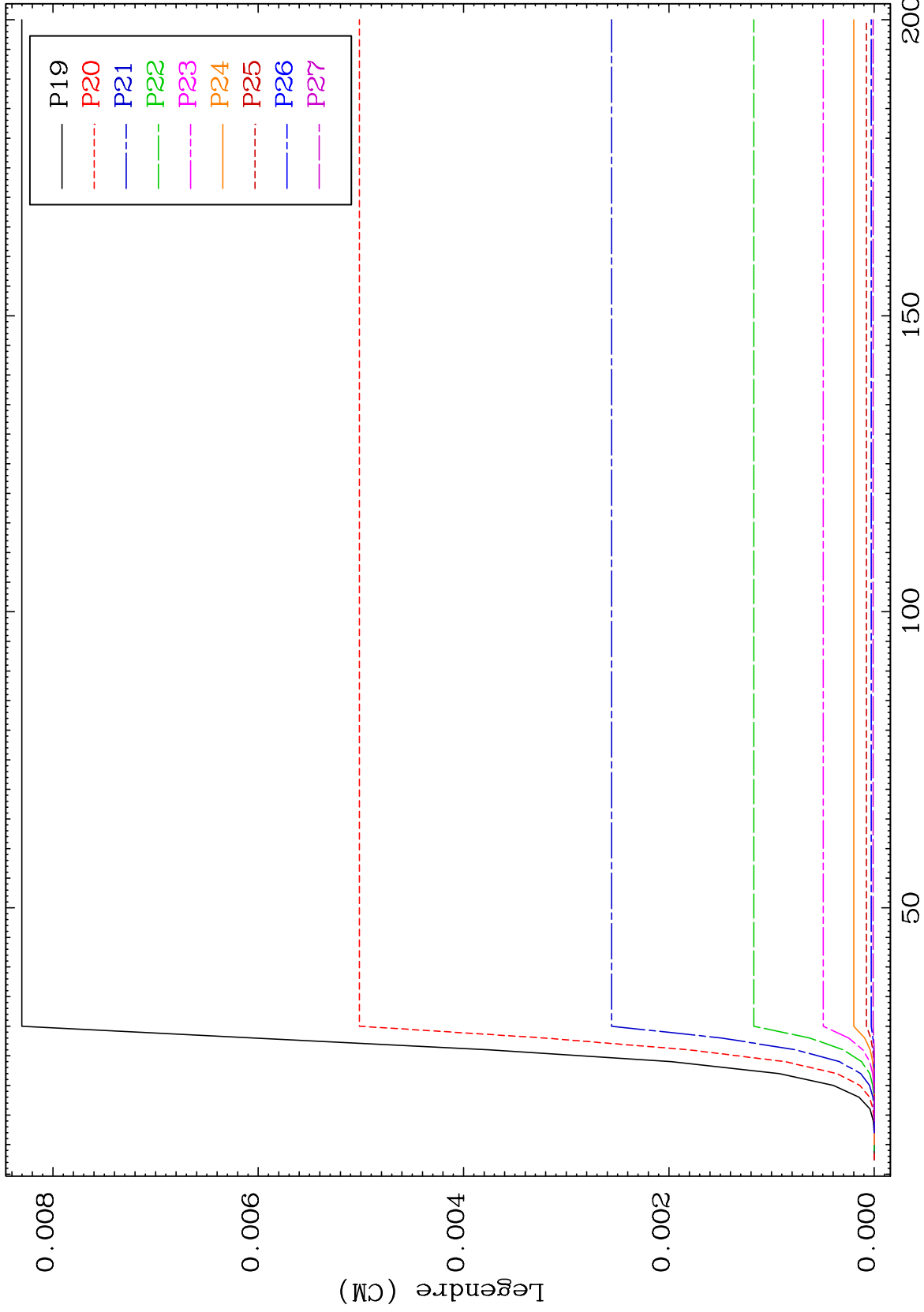
53-I -127



88

Incident Energy (MeV)

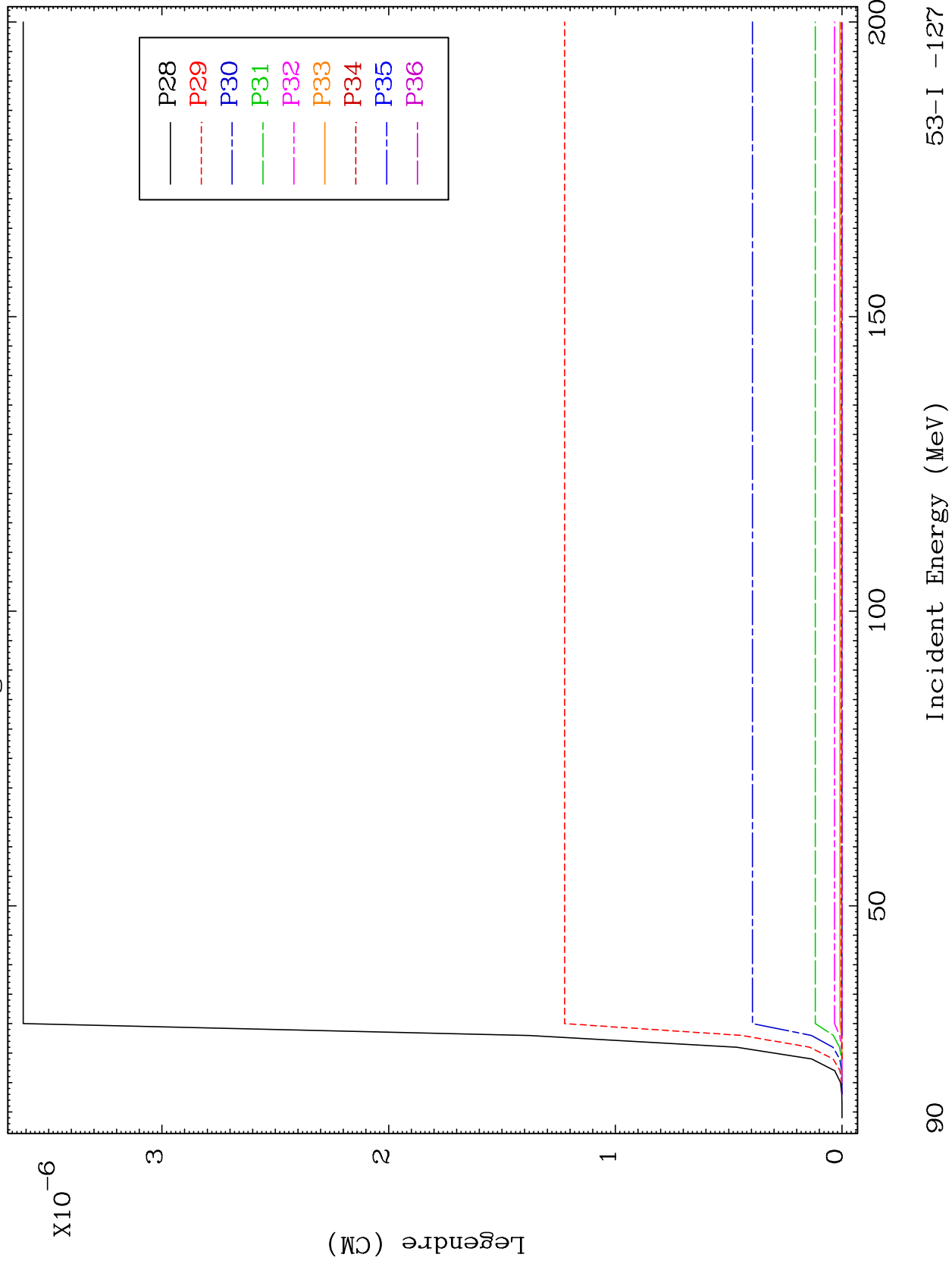
53-I -127

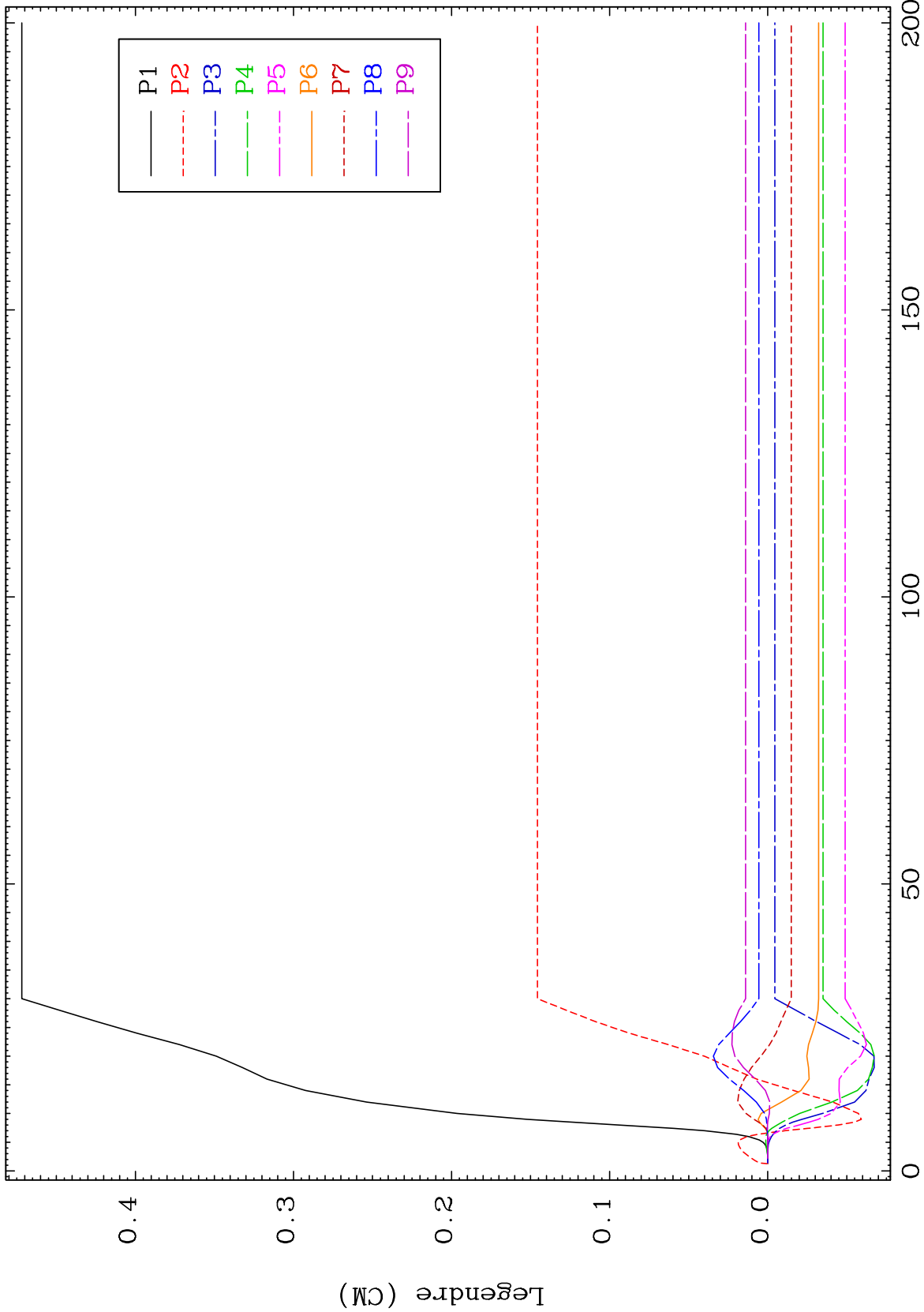


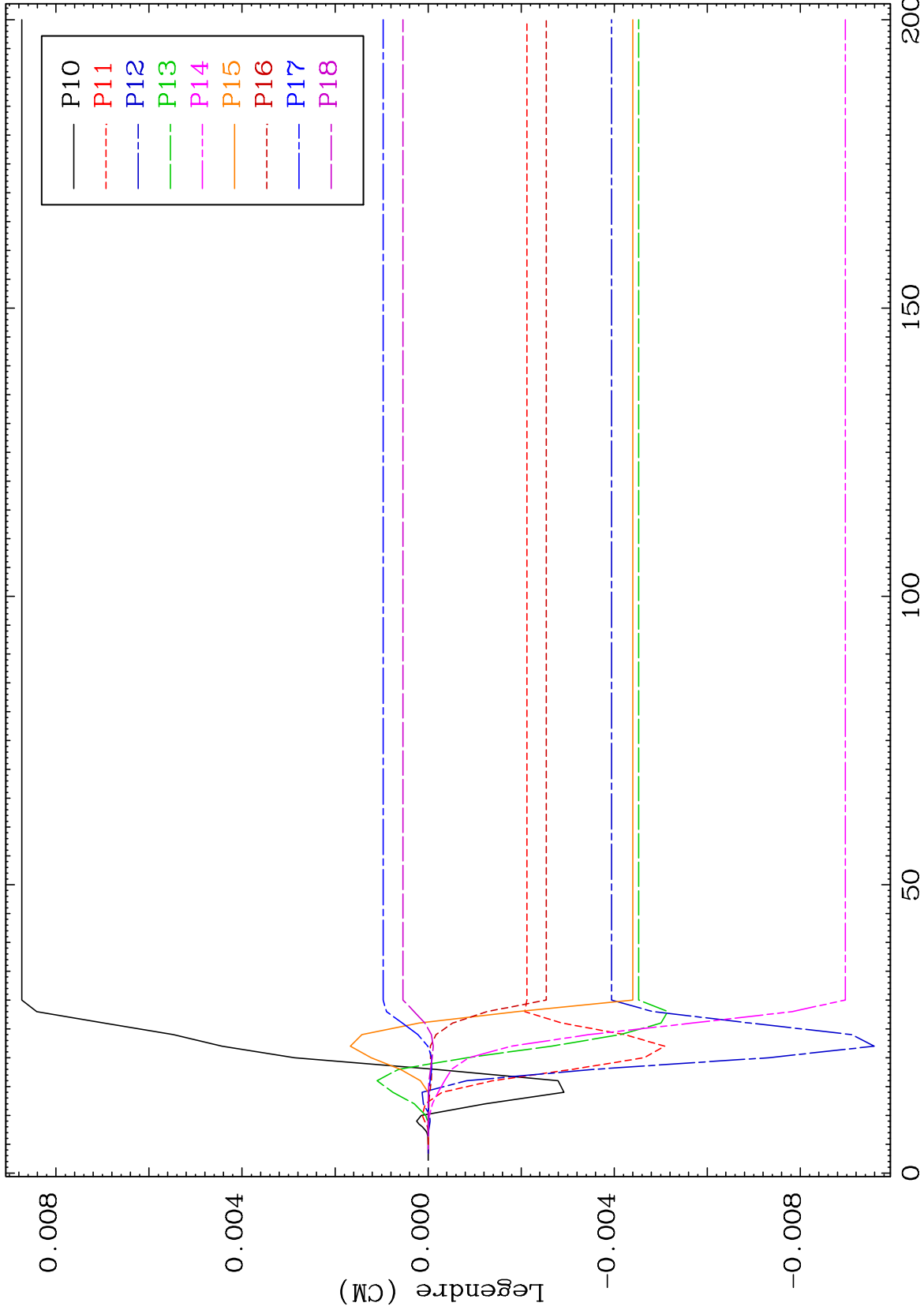
MAT 5325

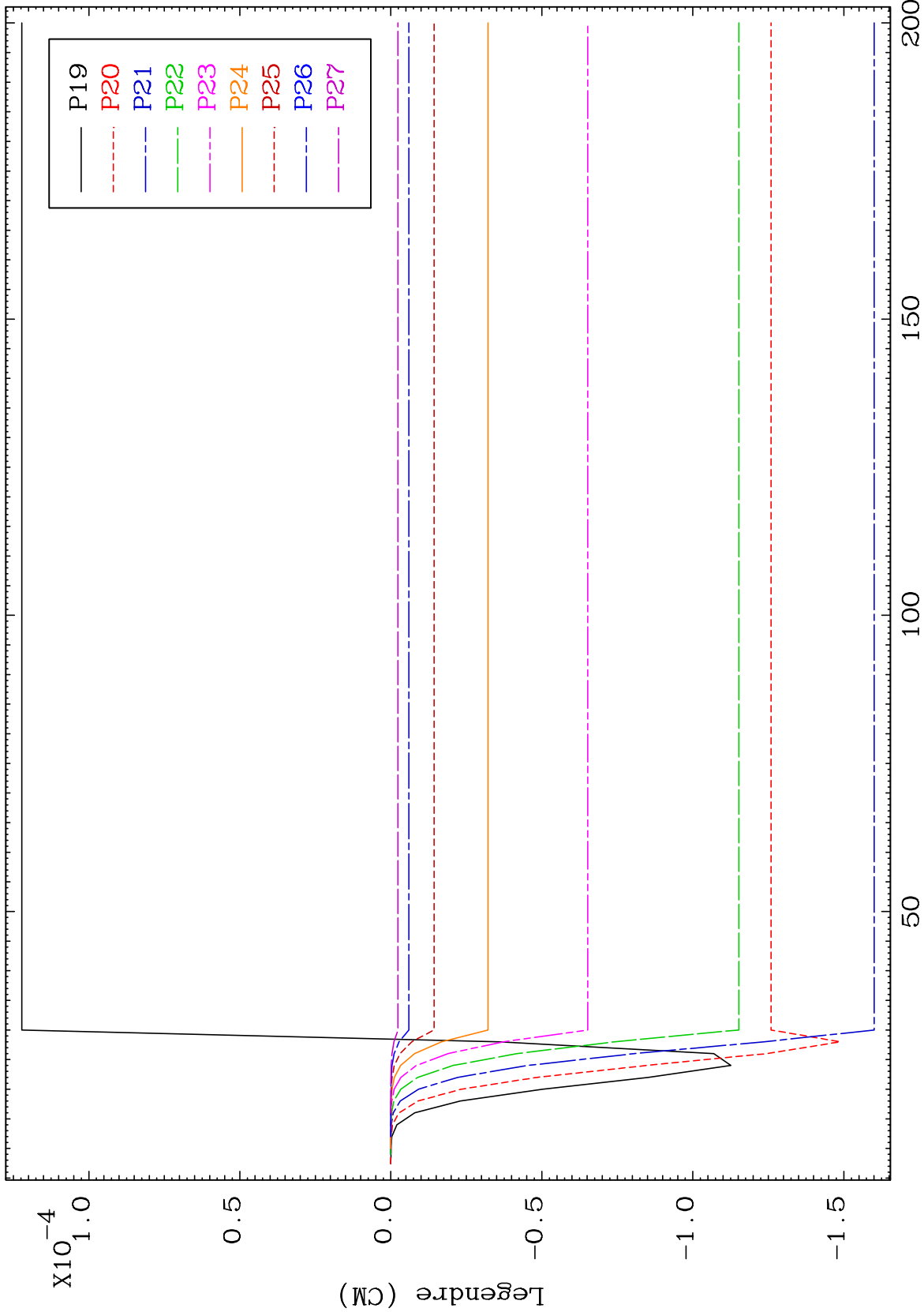
MT= 69 (n,n') Level  
Legendre Coefficients

53-I -127







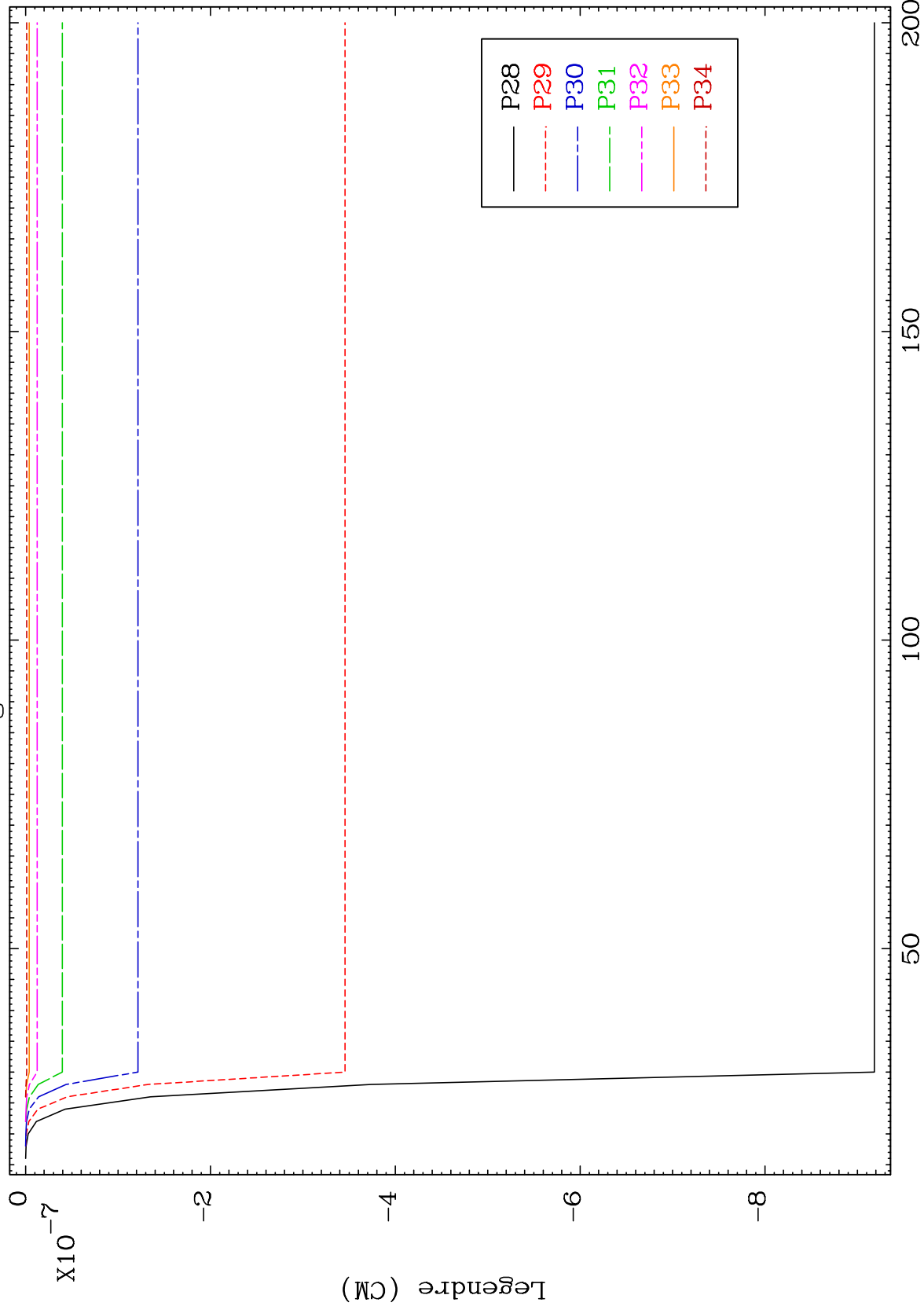


MAT 5325

MT= 70 (n,n') Level

53-I -127

Legendre Coefficients



94

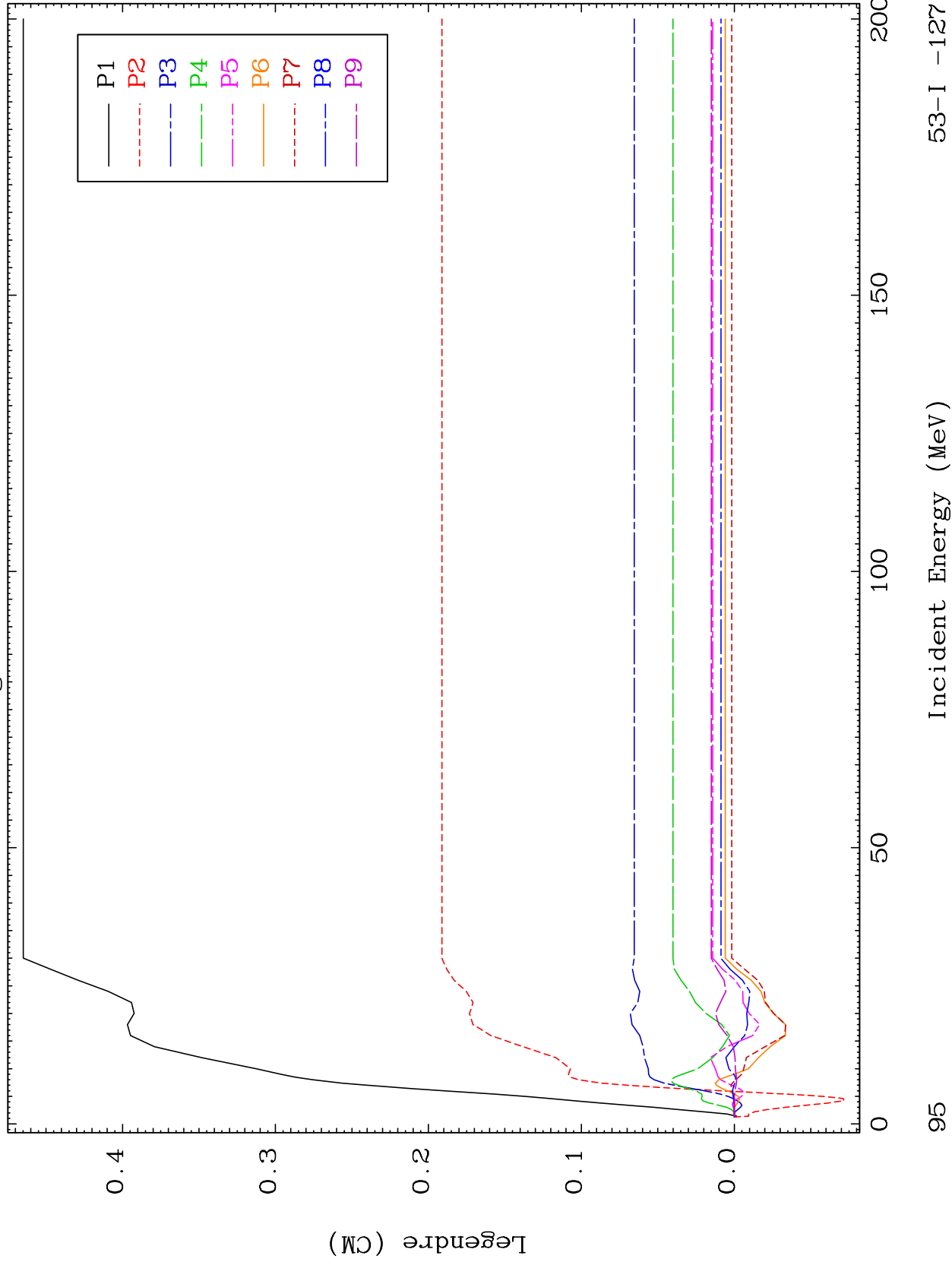
Incident Energy (MeV)

53-I -127

MAT 5325

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

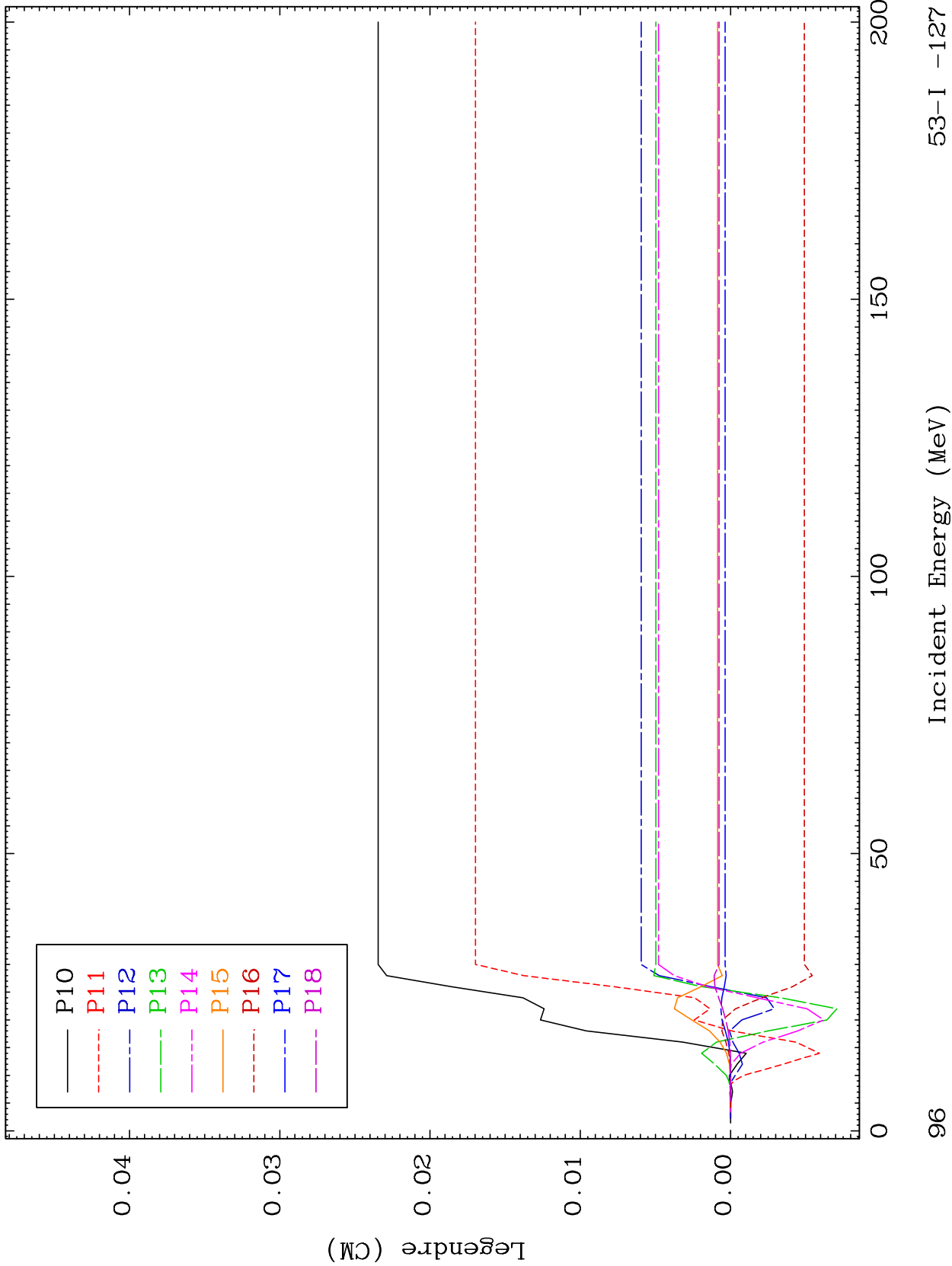
53-I -127

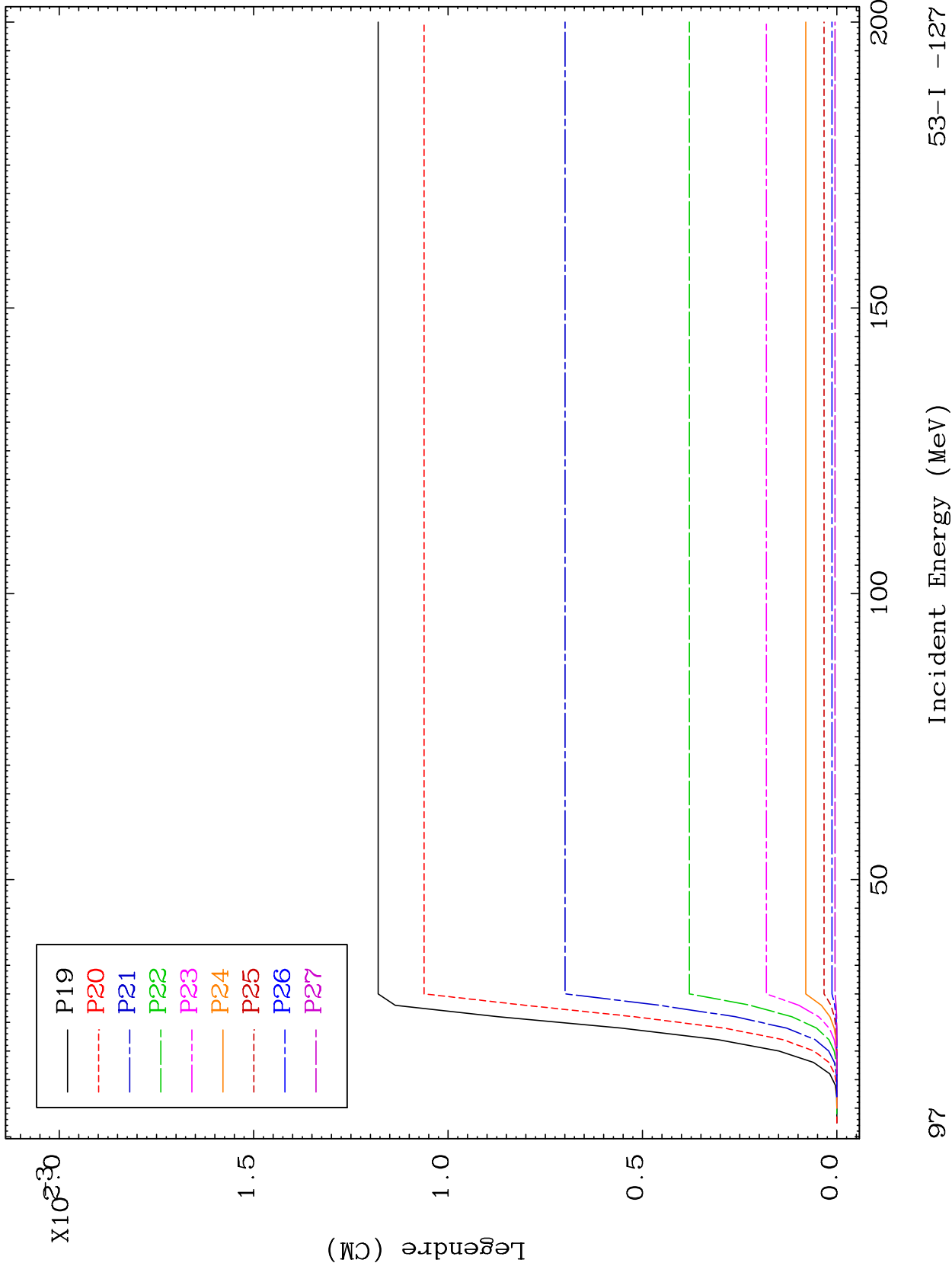


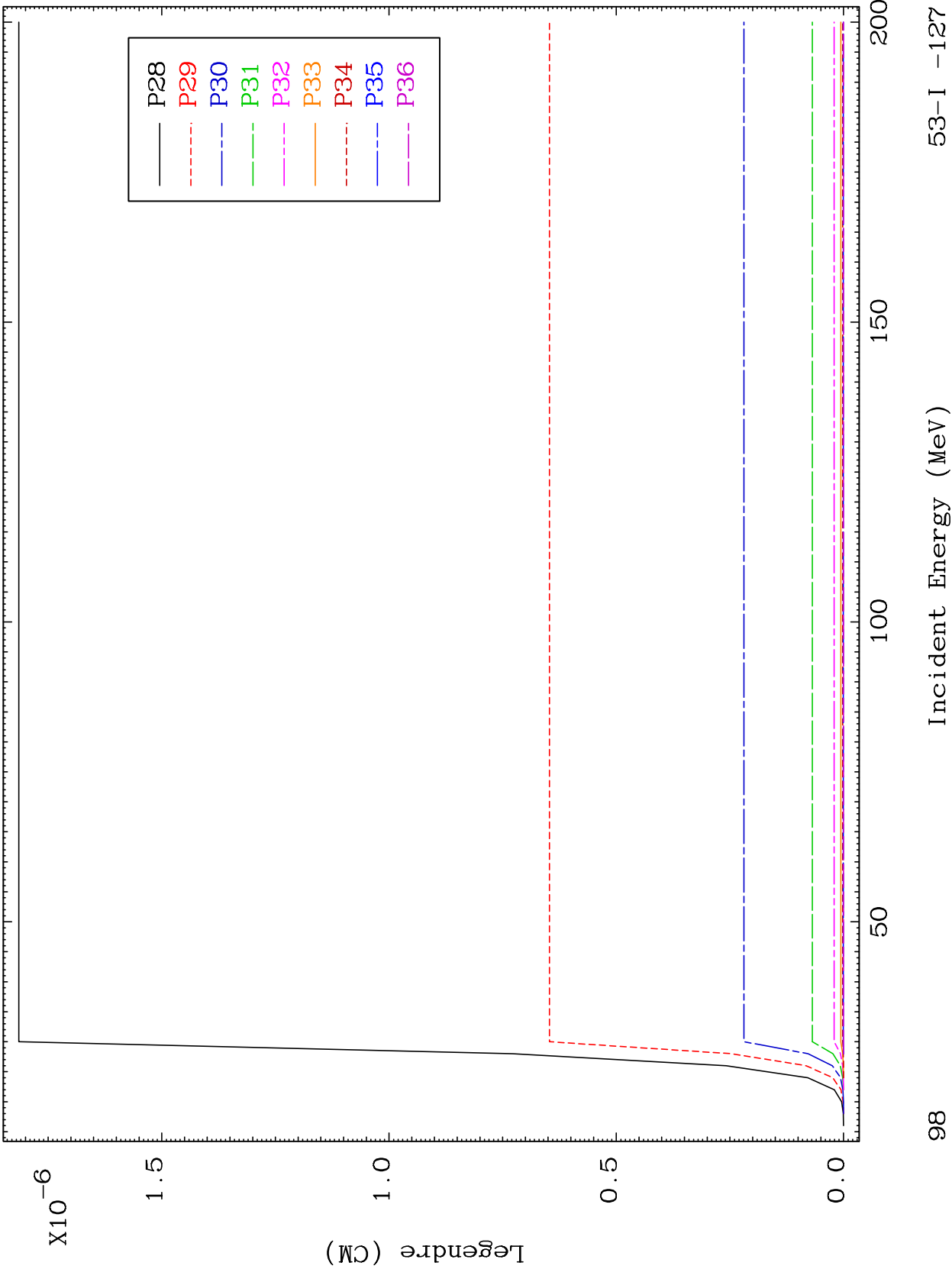
53-I -127

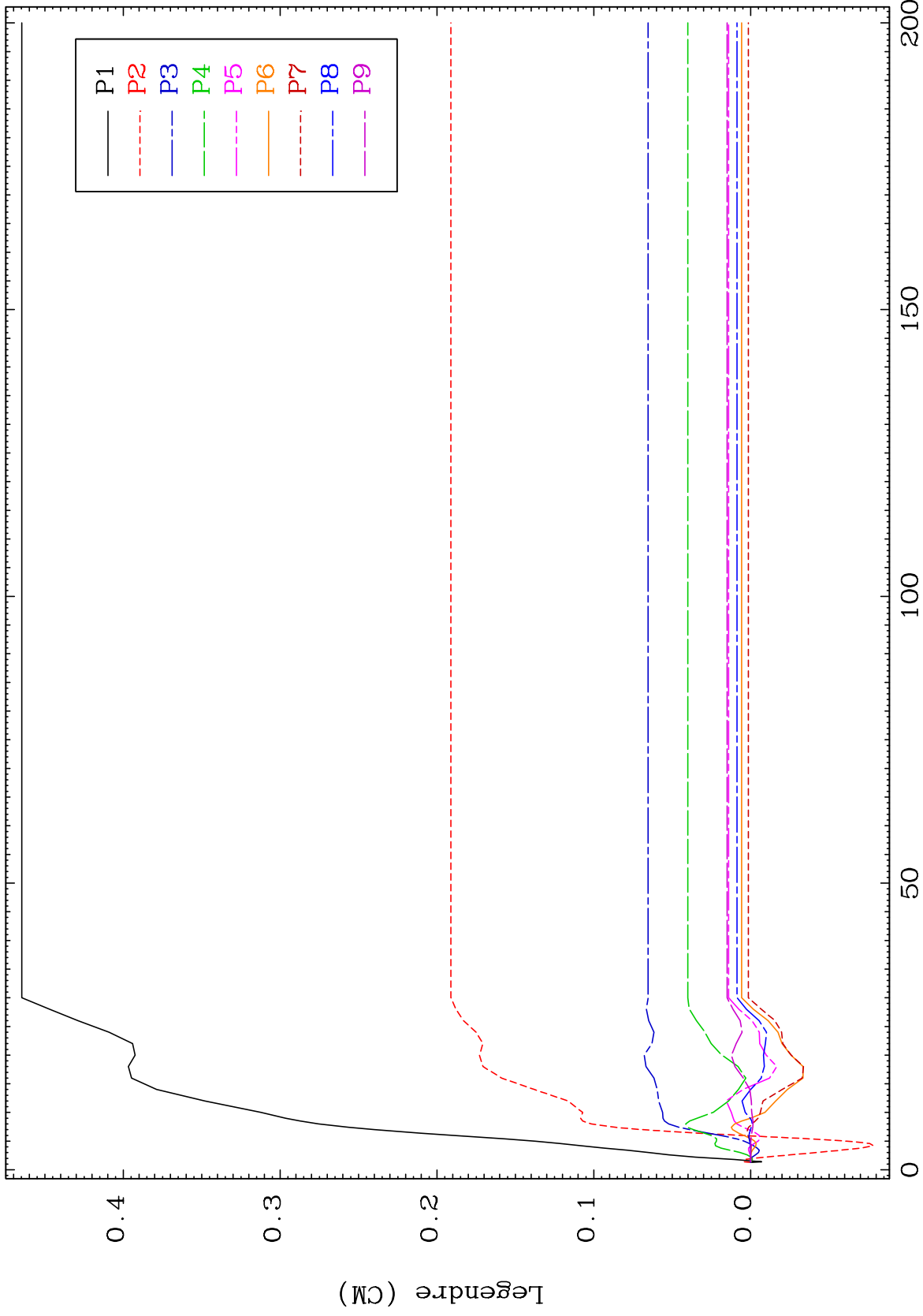
Incident Energy (MeV)

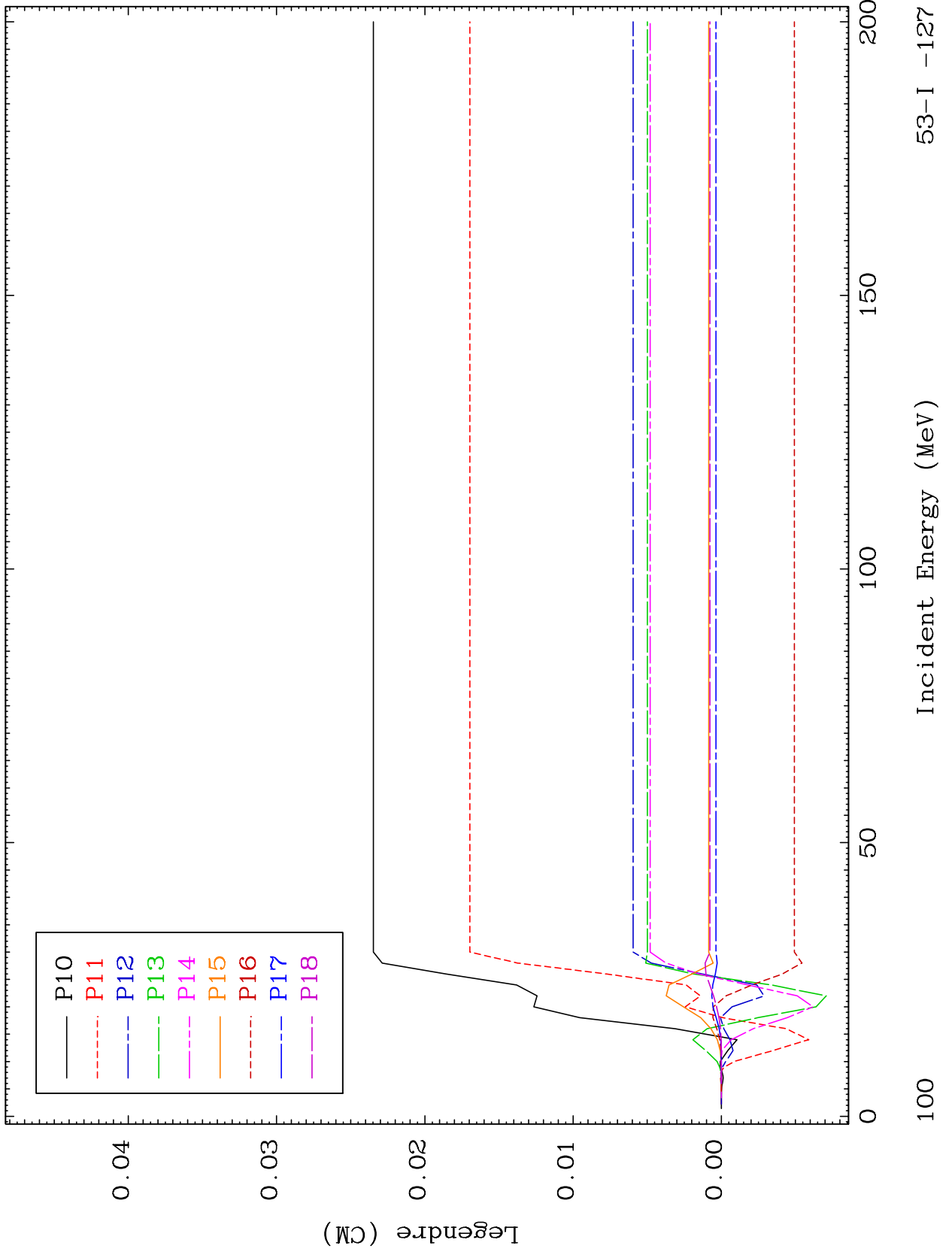
95

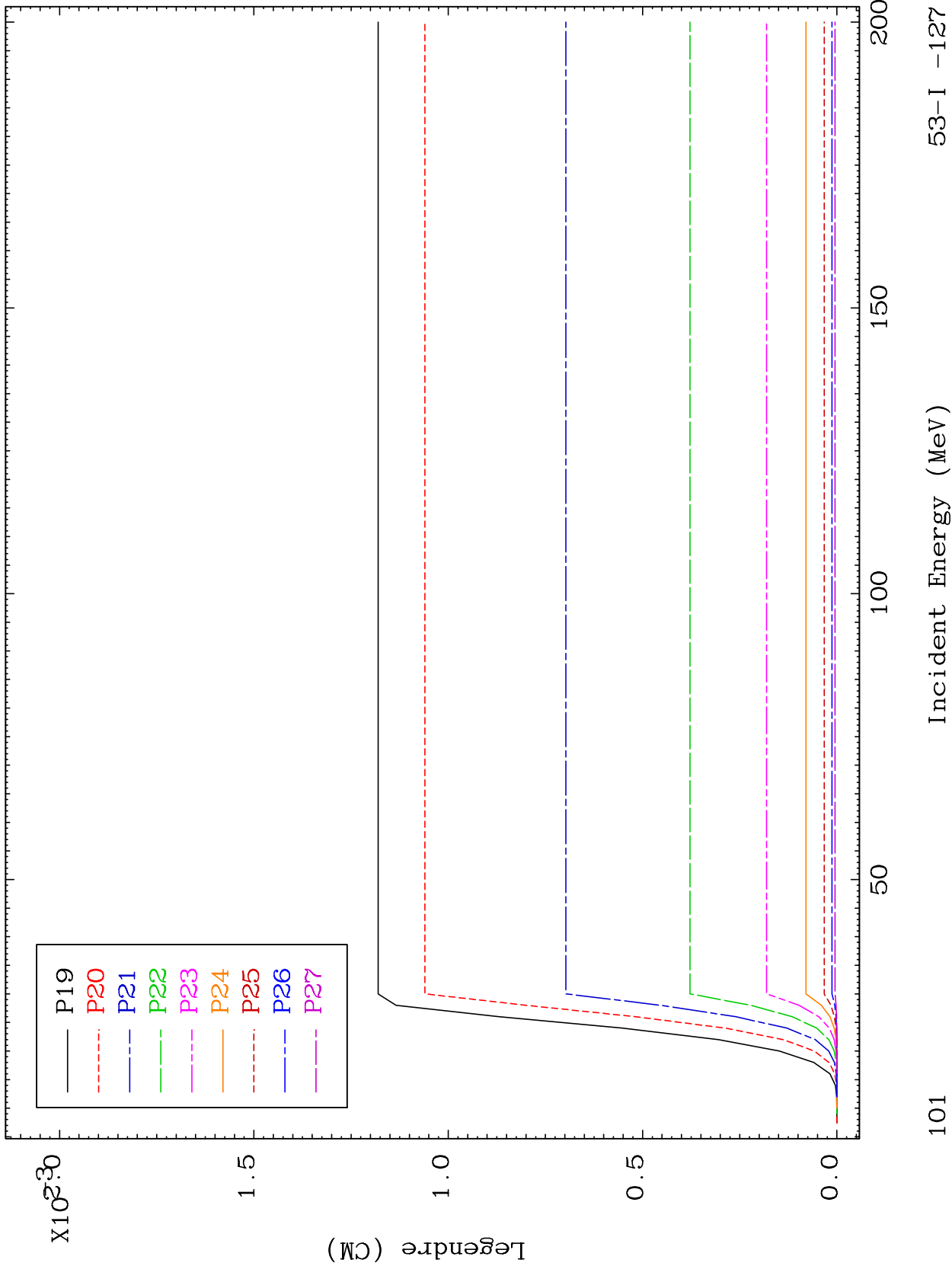


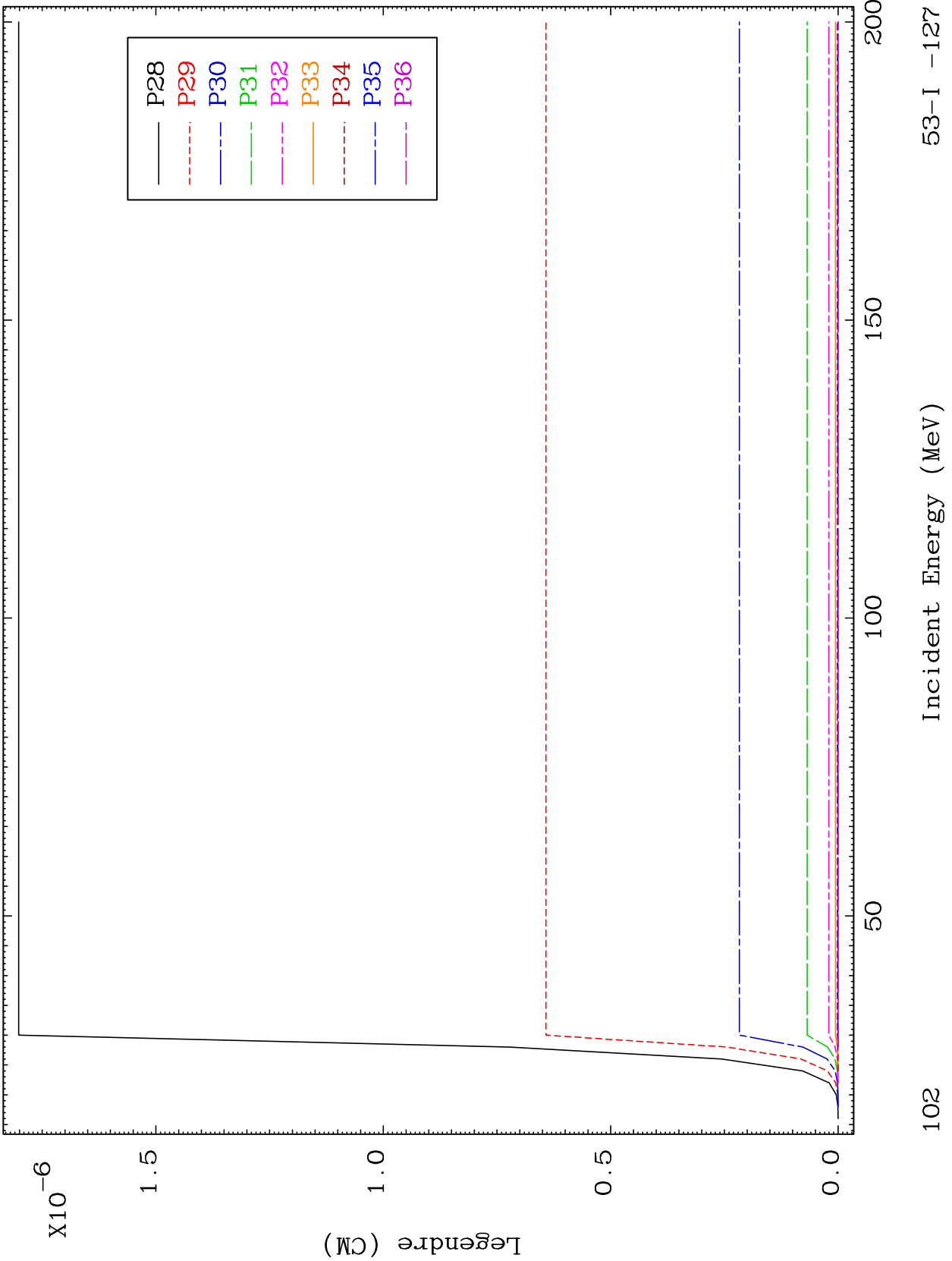








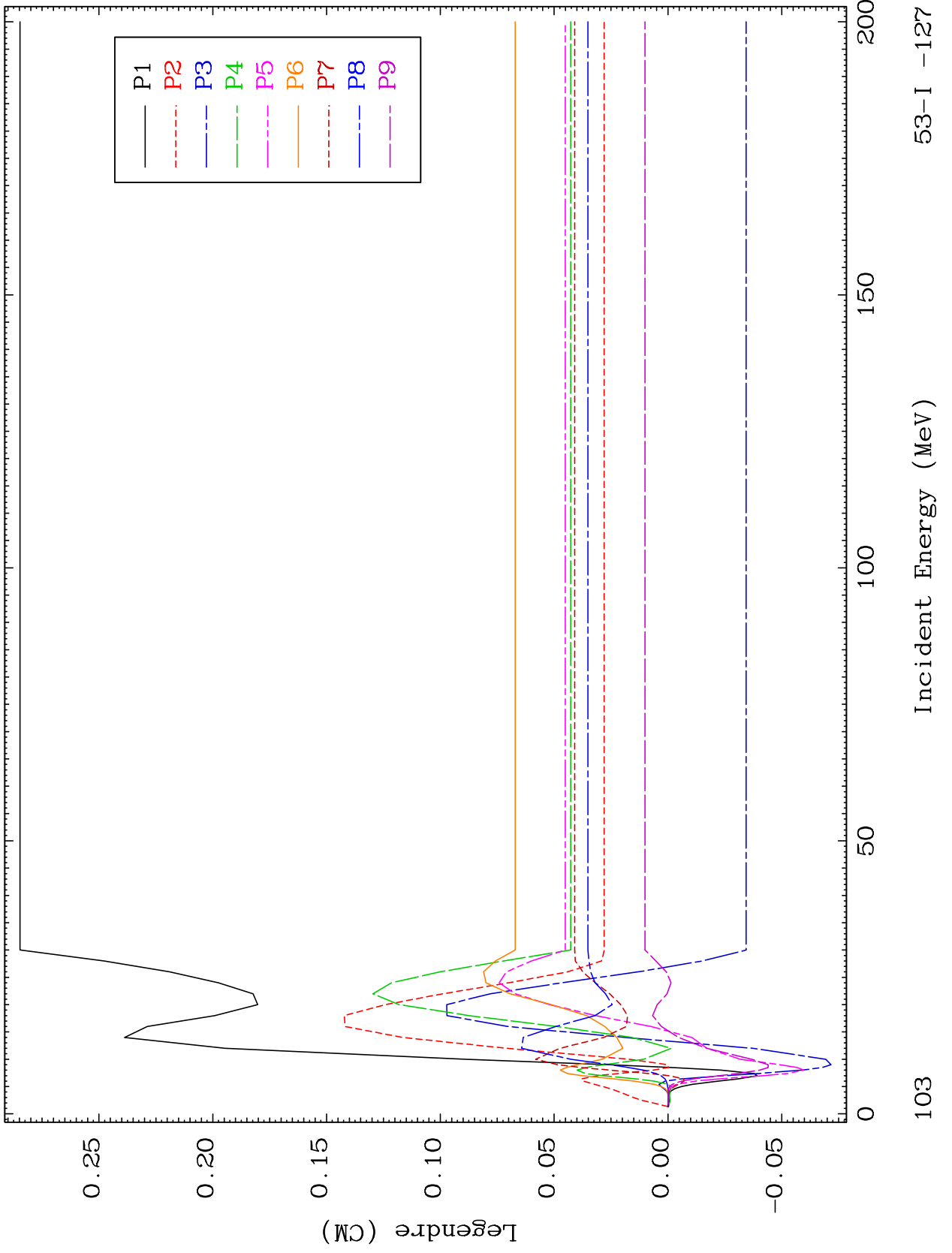




MAT 5325

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

53-I -127



53-I -127

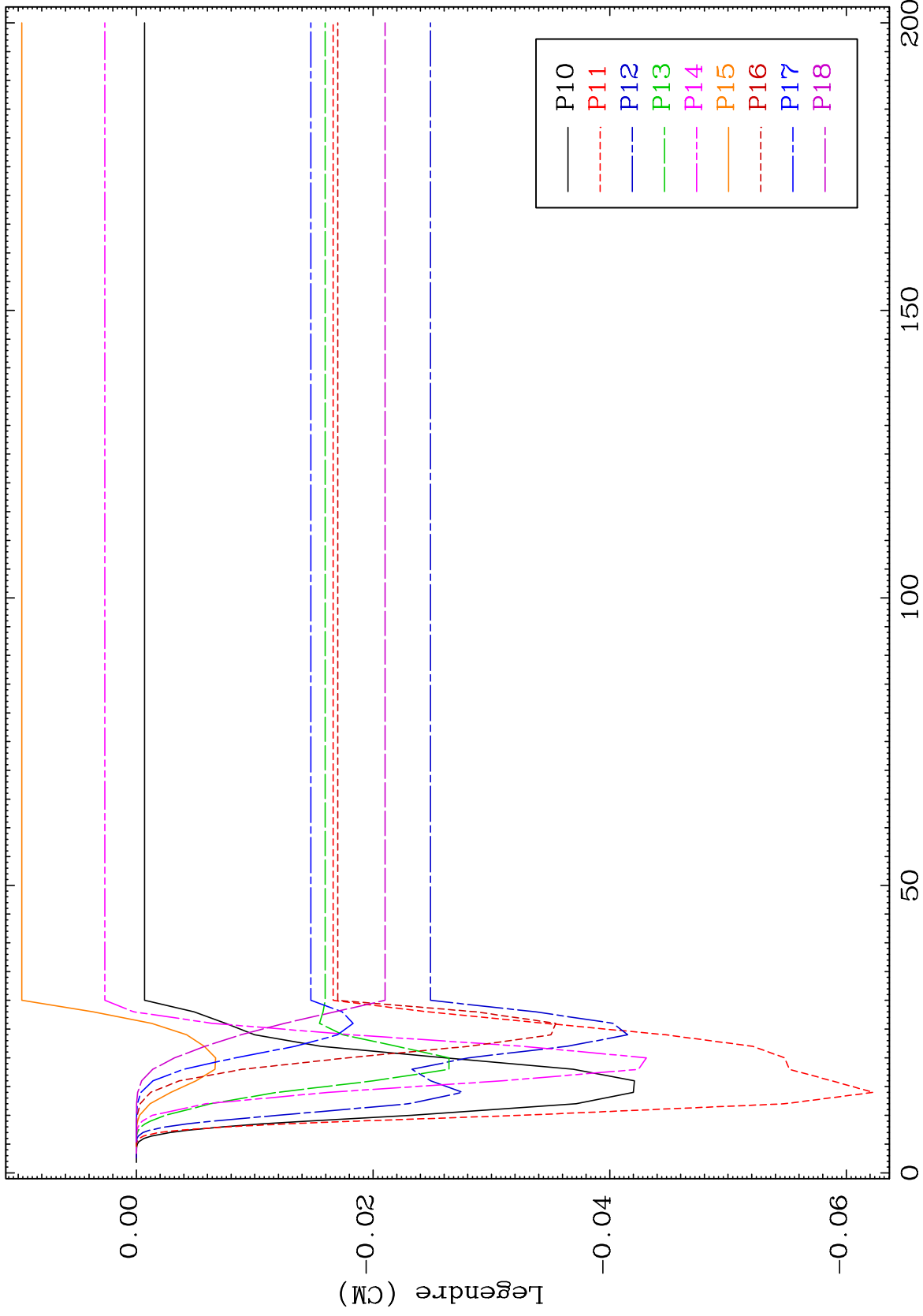
Incident Energy (MeV)

103

MAT 5325

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

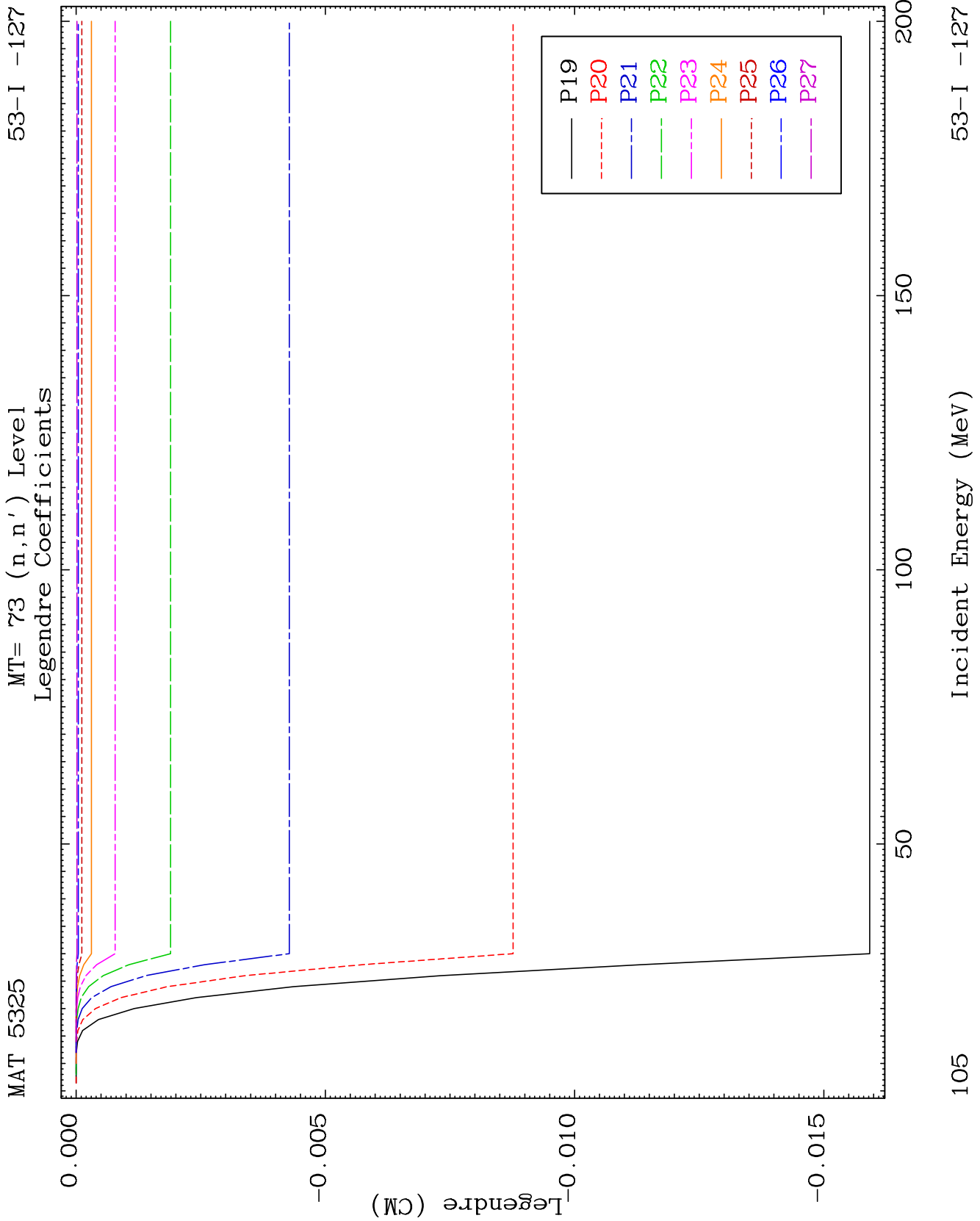
53-I -127



104

Incident Energy (MeV)

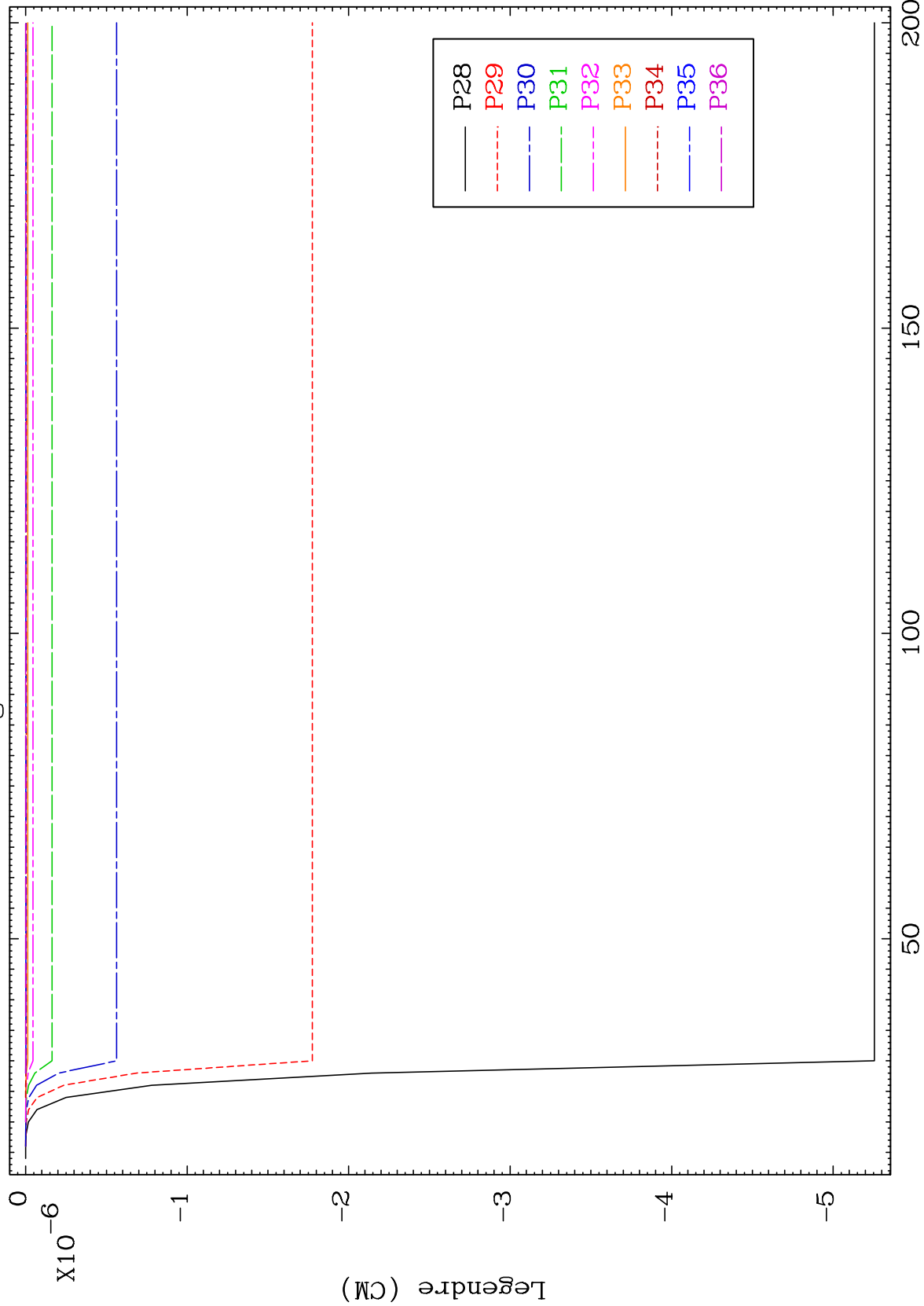
53-I -127



MAT 5325

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

53-I -127



106

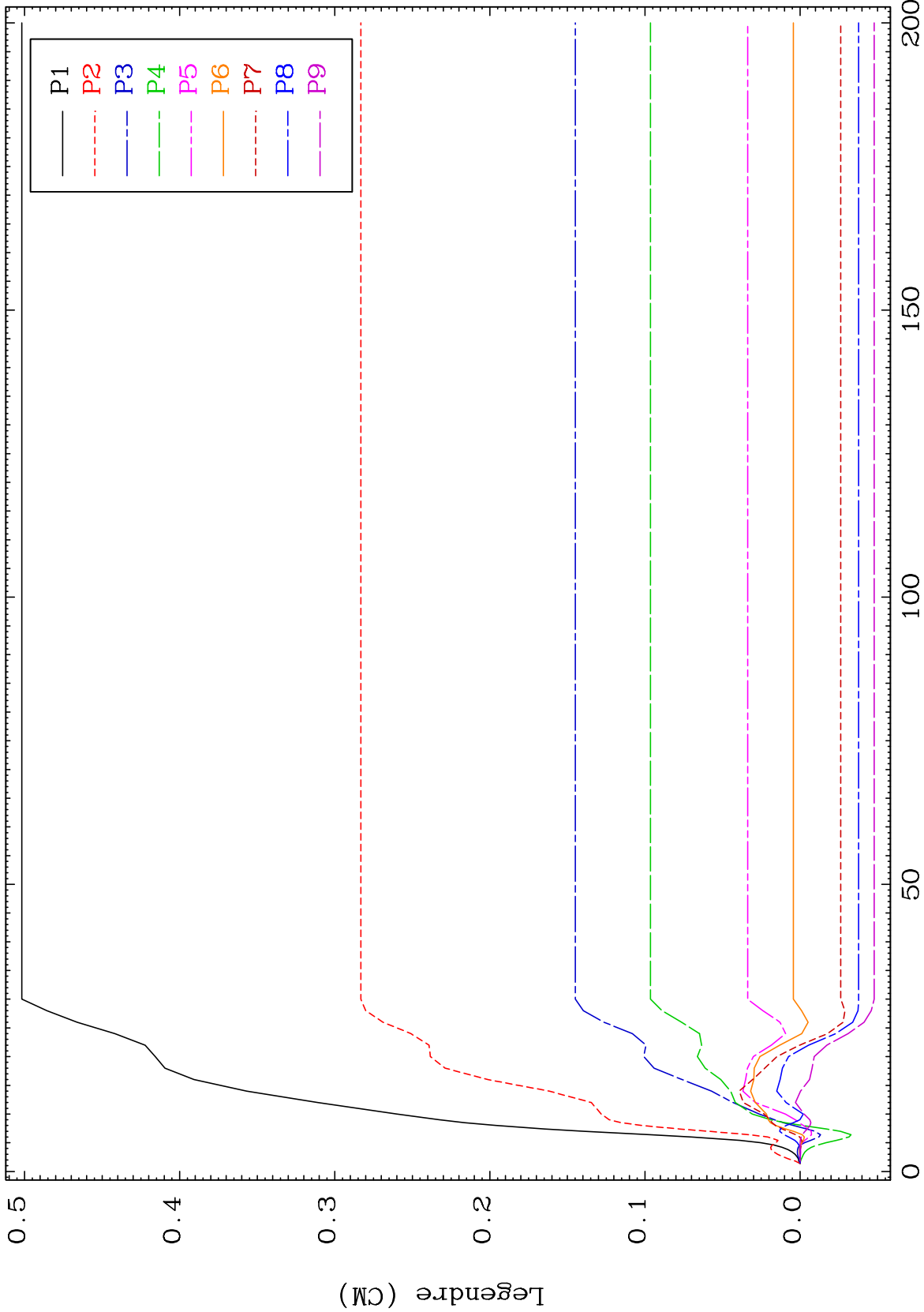
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



53-I -127

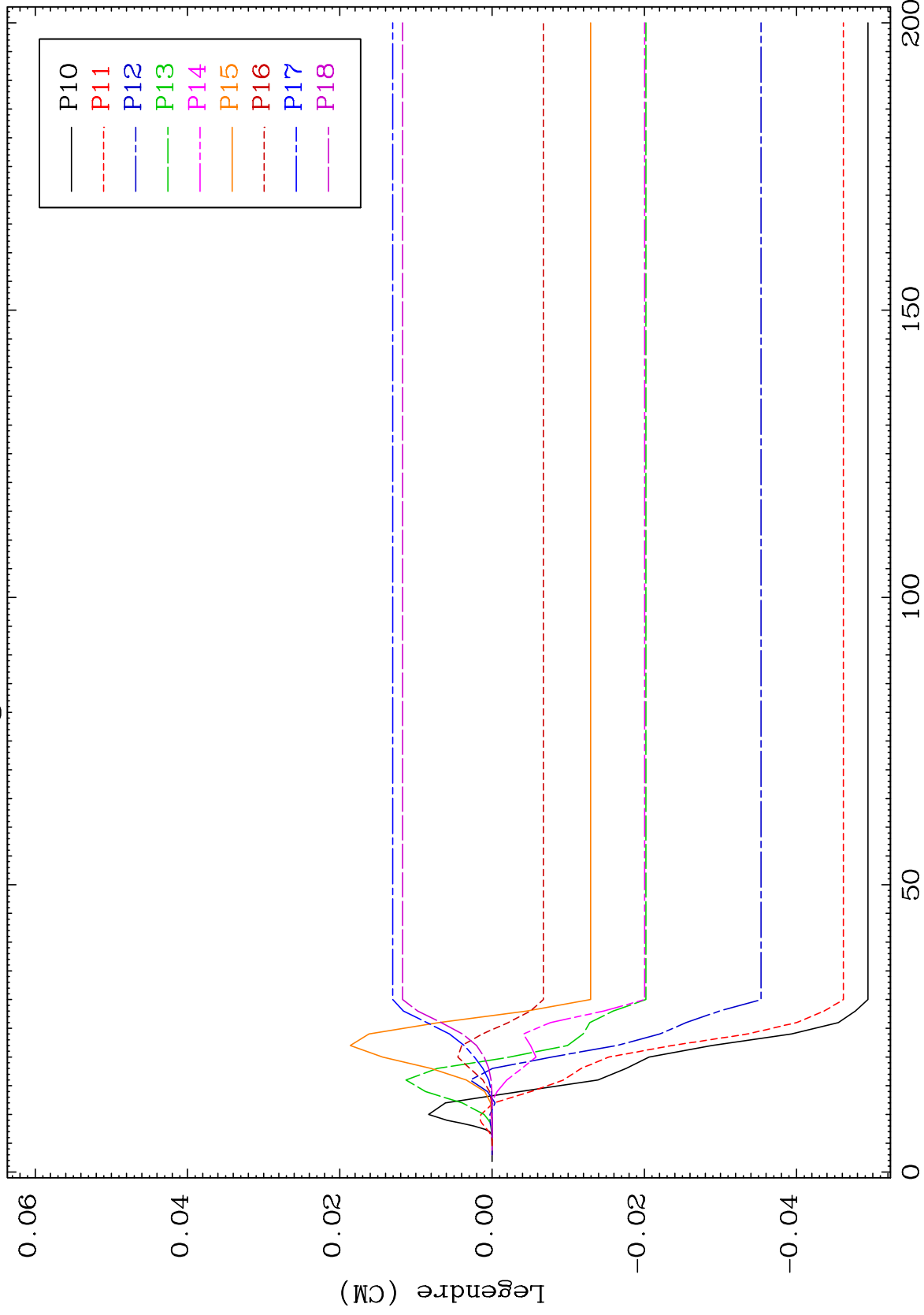
Incident Energy (MeV)

107

MAT 5325

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

53-I -127



108

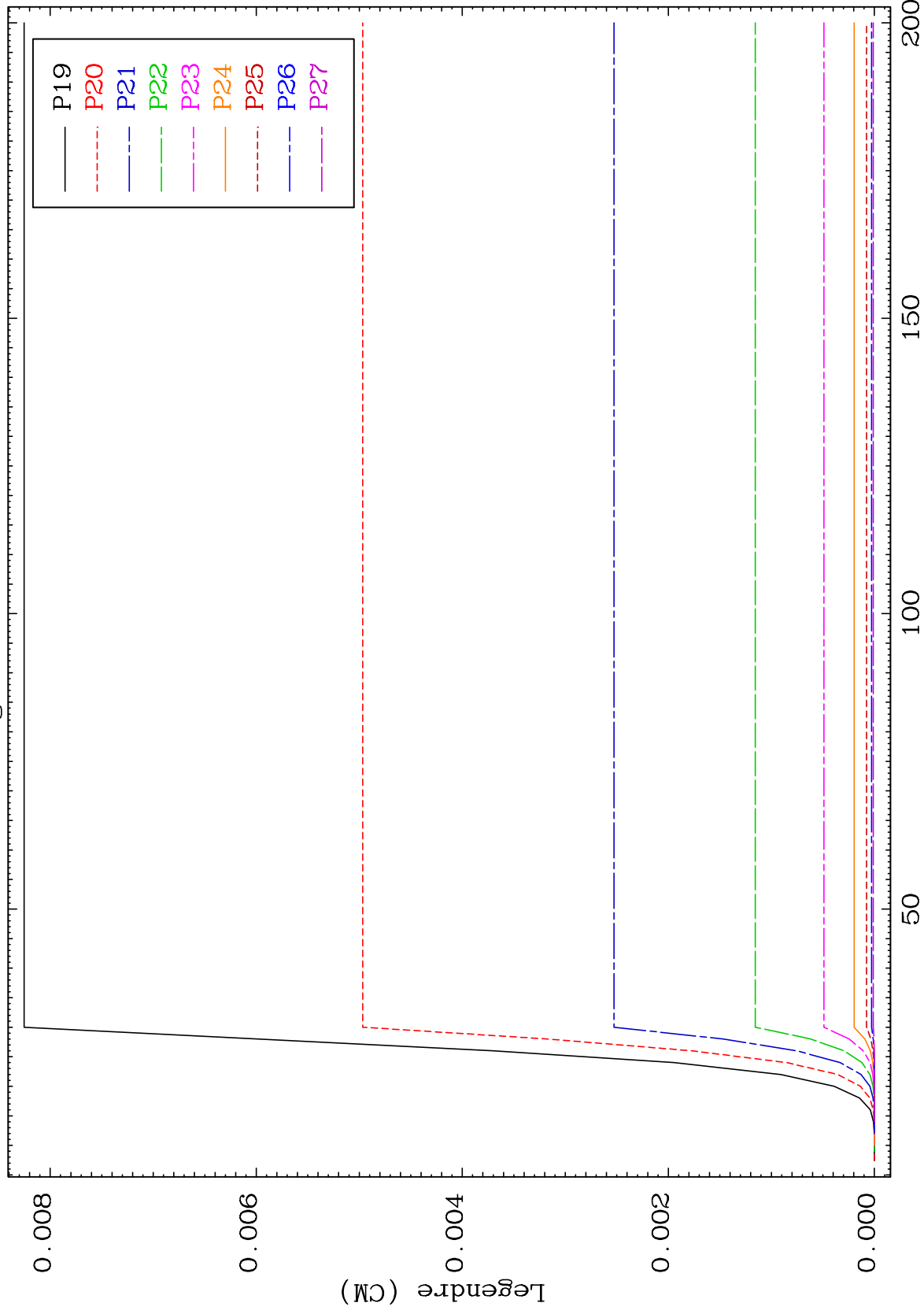
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



109

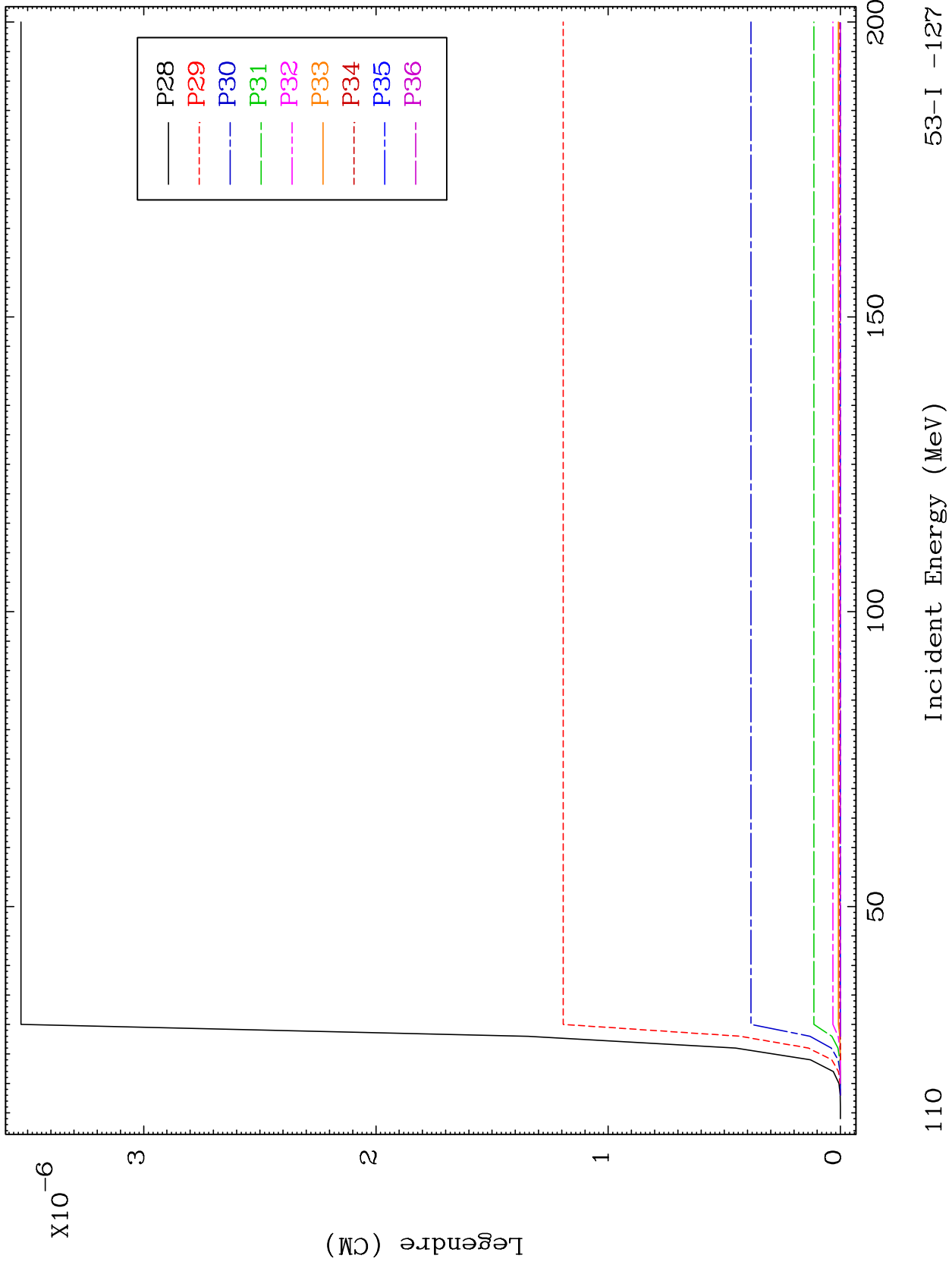
Incident Energy (MeV)

53-I -127

MAT 5325

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

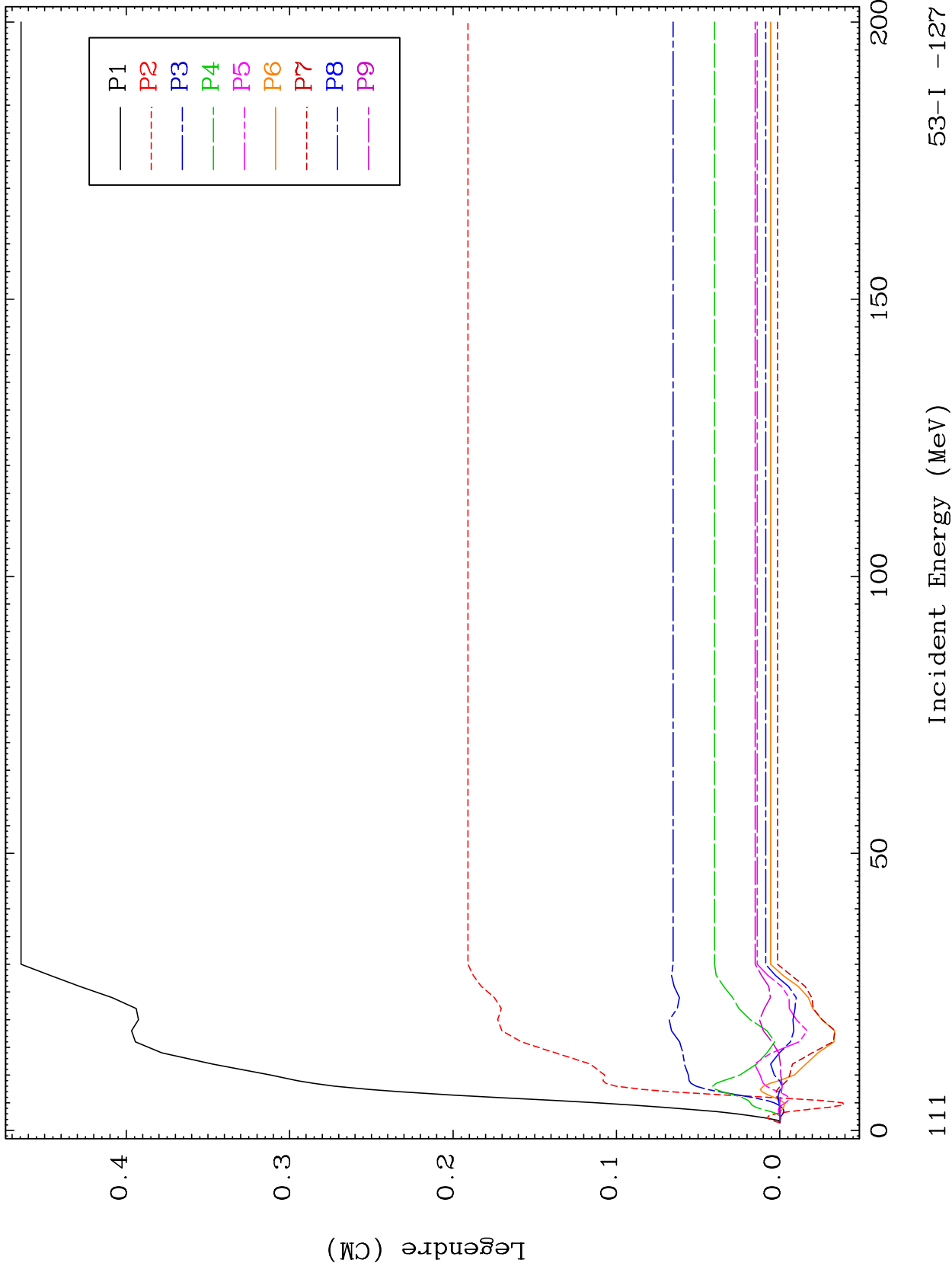
53-I -127



MAT 5325

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

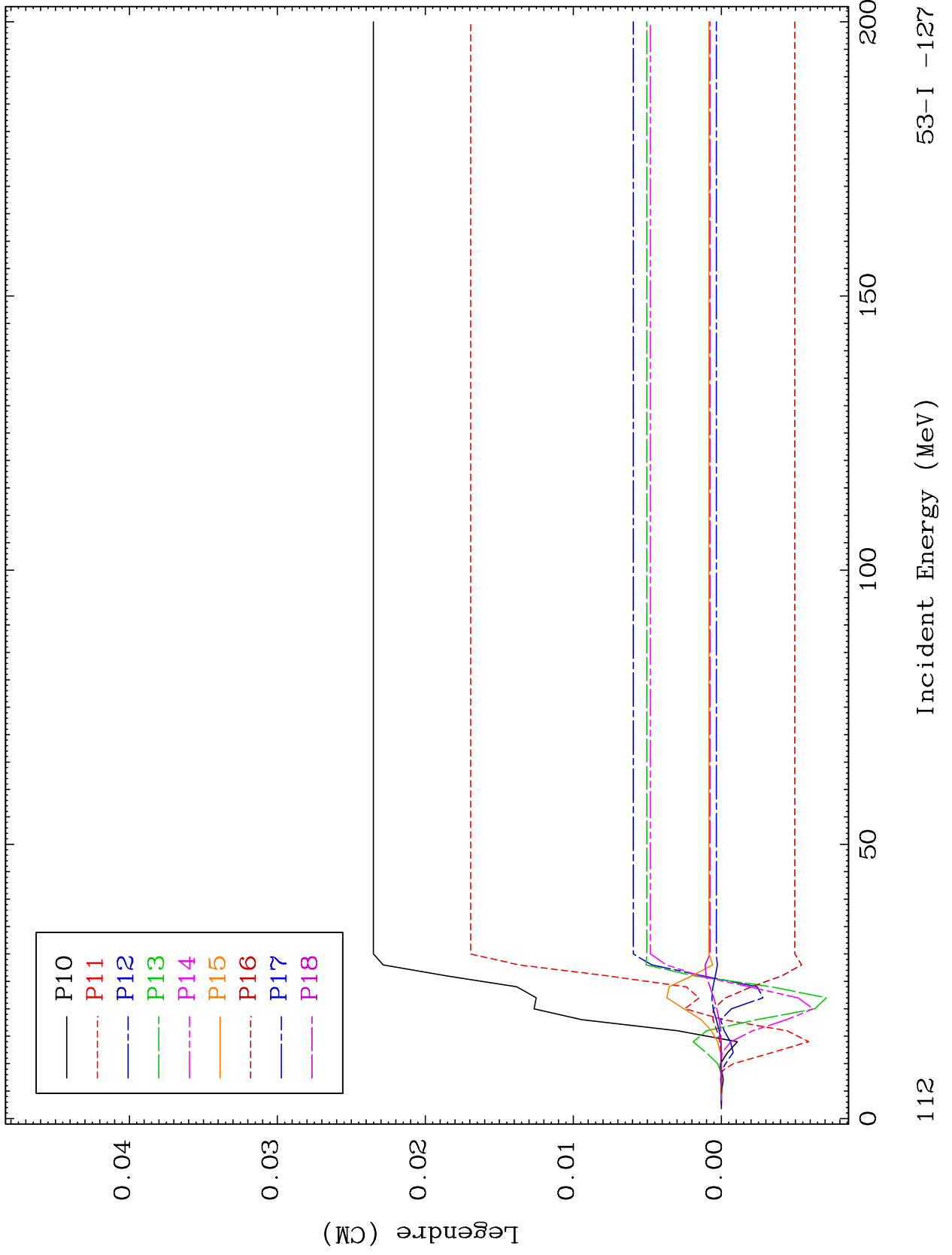
53-I -127



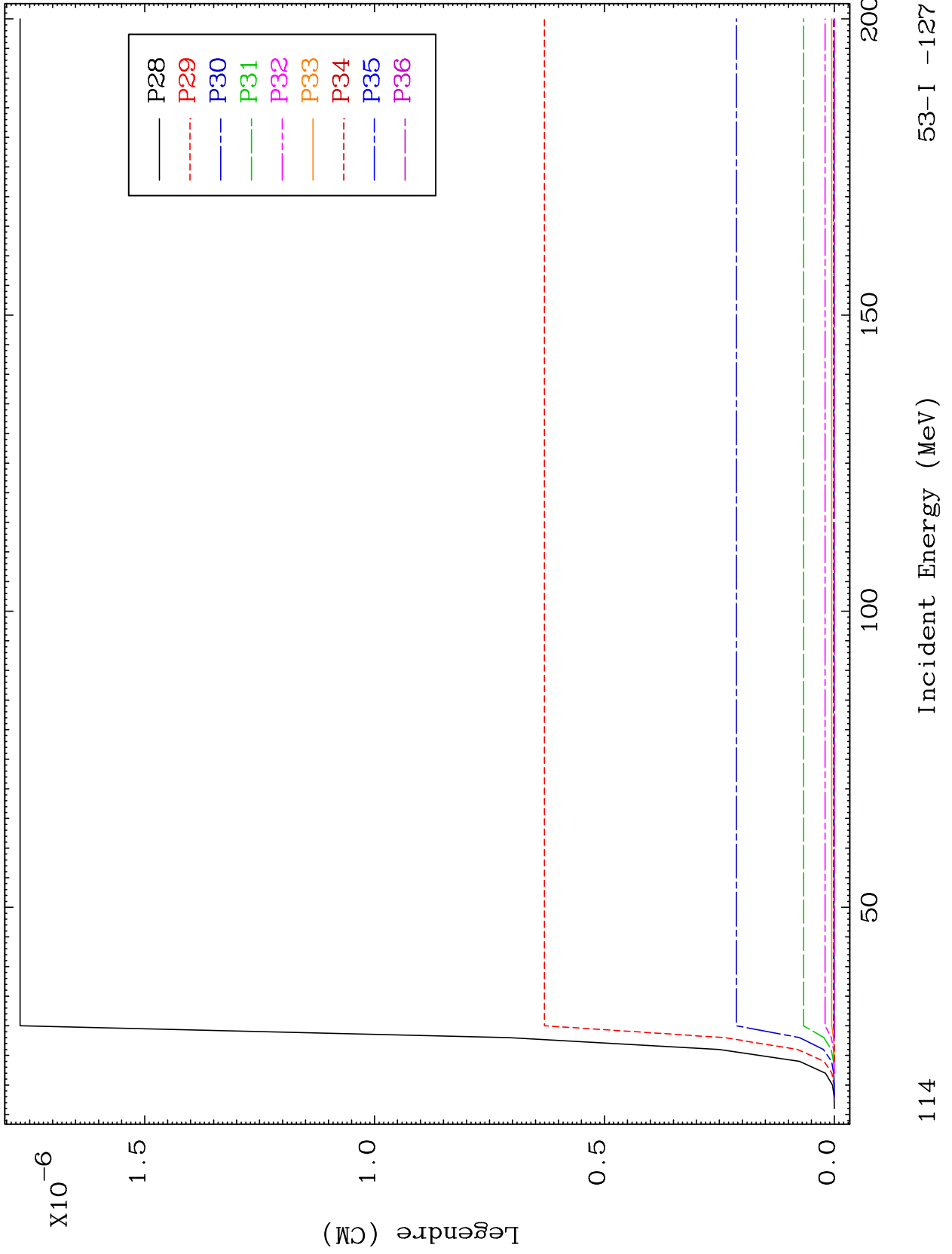
53-I -127

Incident Energy (MeV)

111



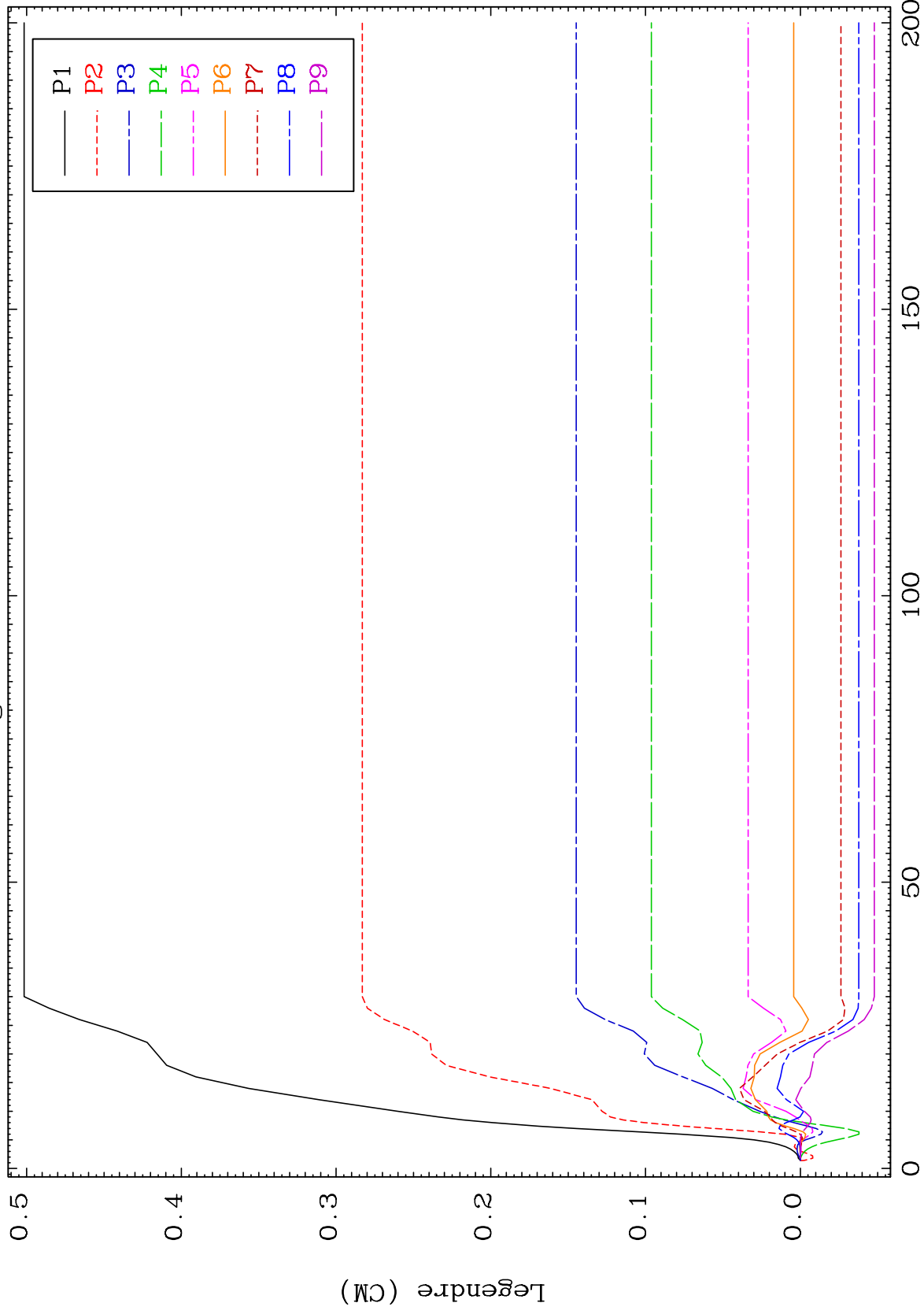




MAT 5325

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

53-I -127



53-I -127

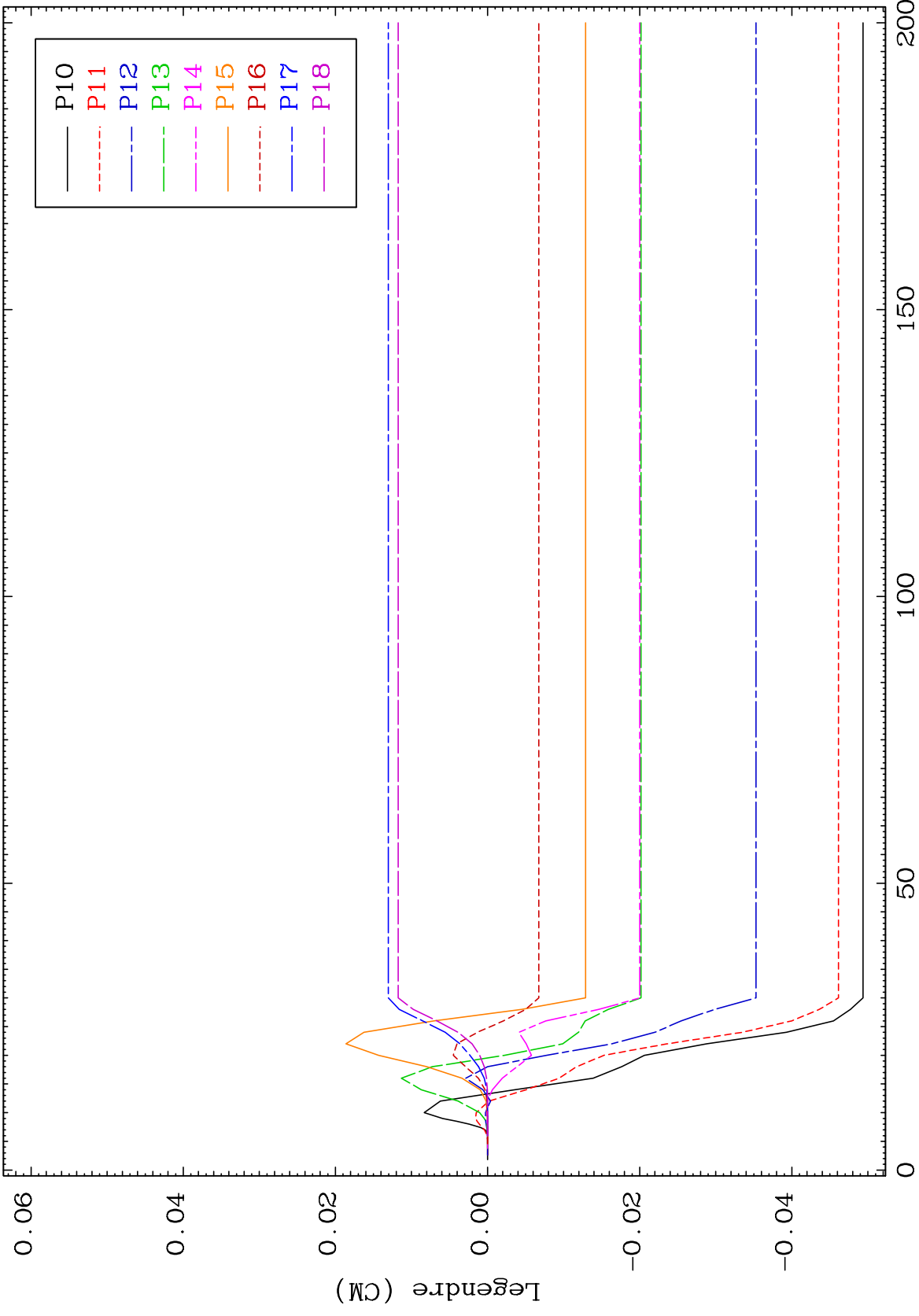
Incident Energy (MeV)

115

MAT 5325

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

53-I -127



116

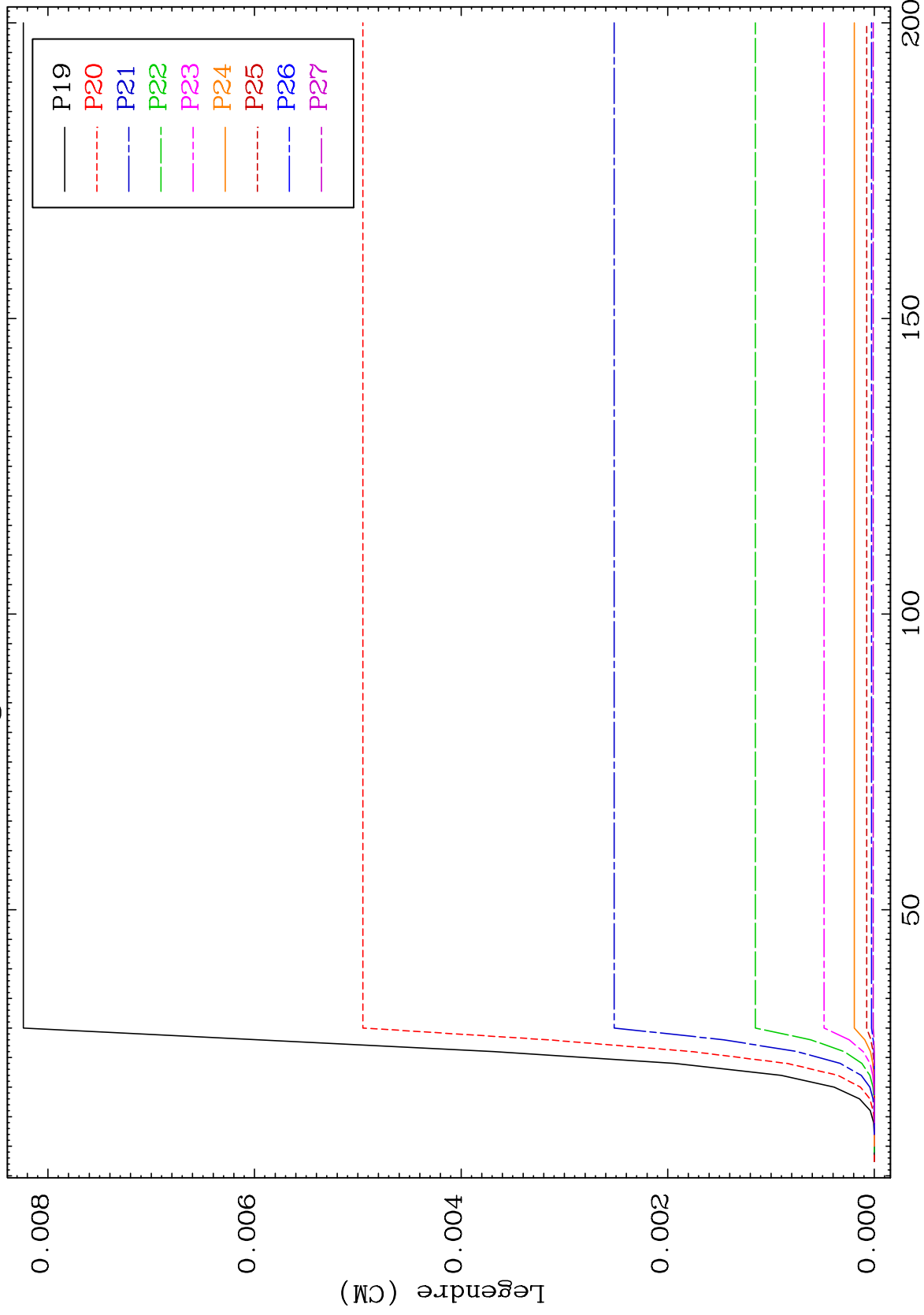
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



117

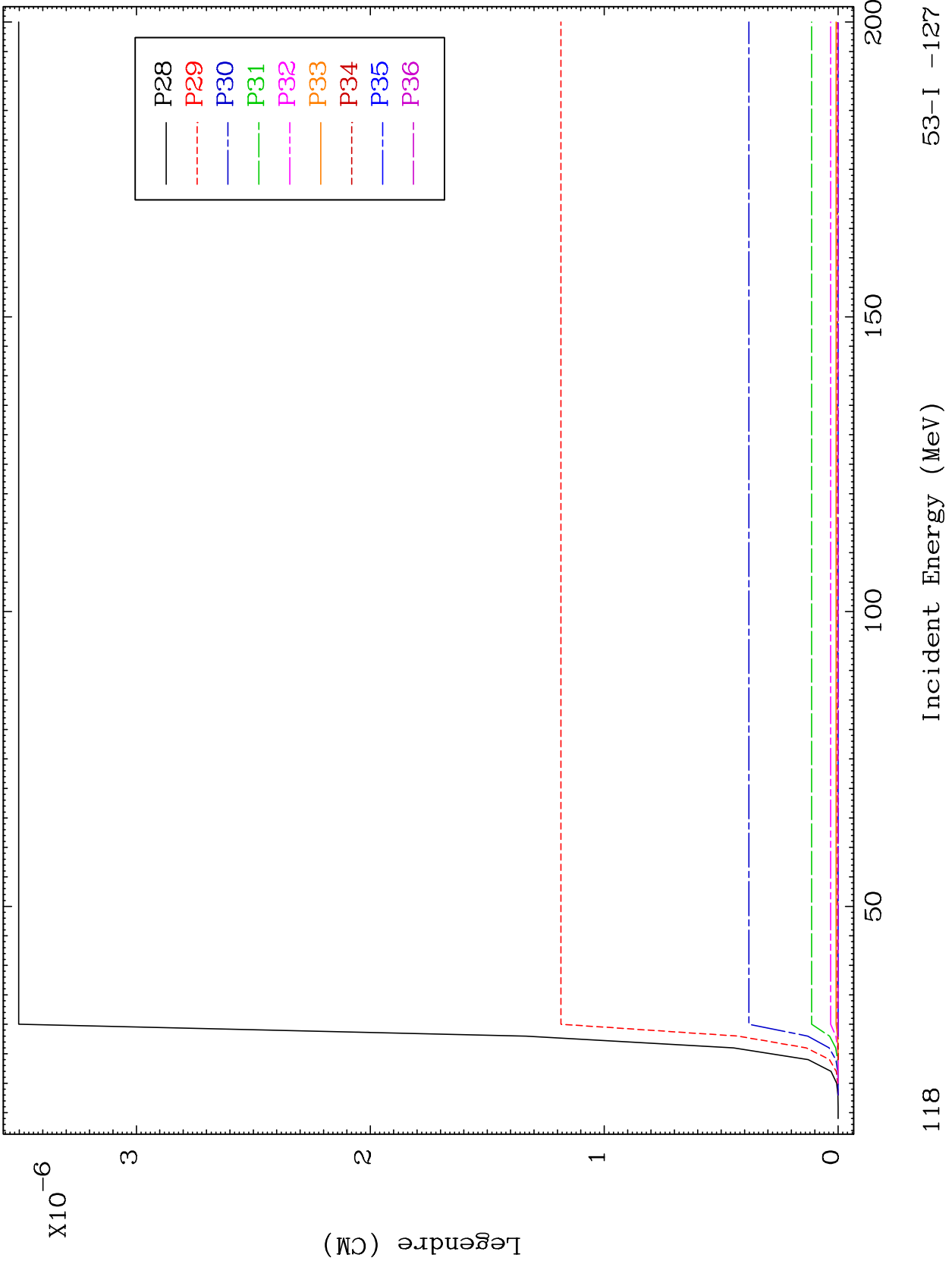
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



118

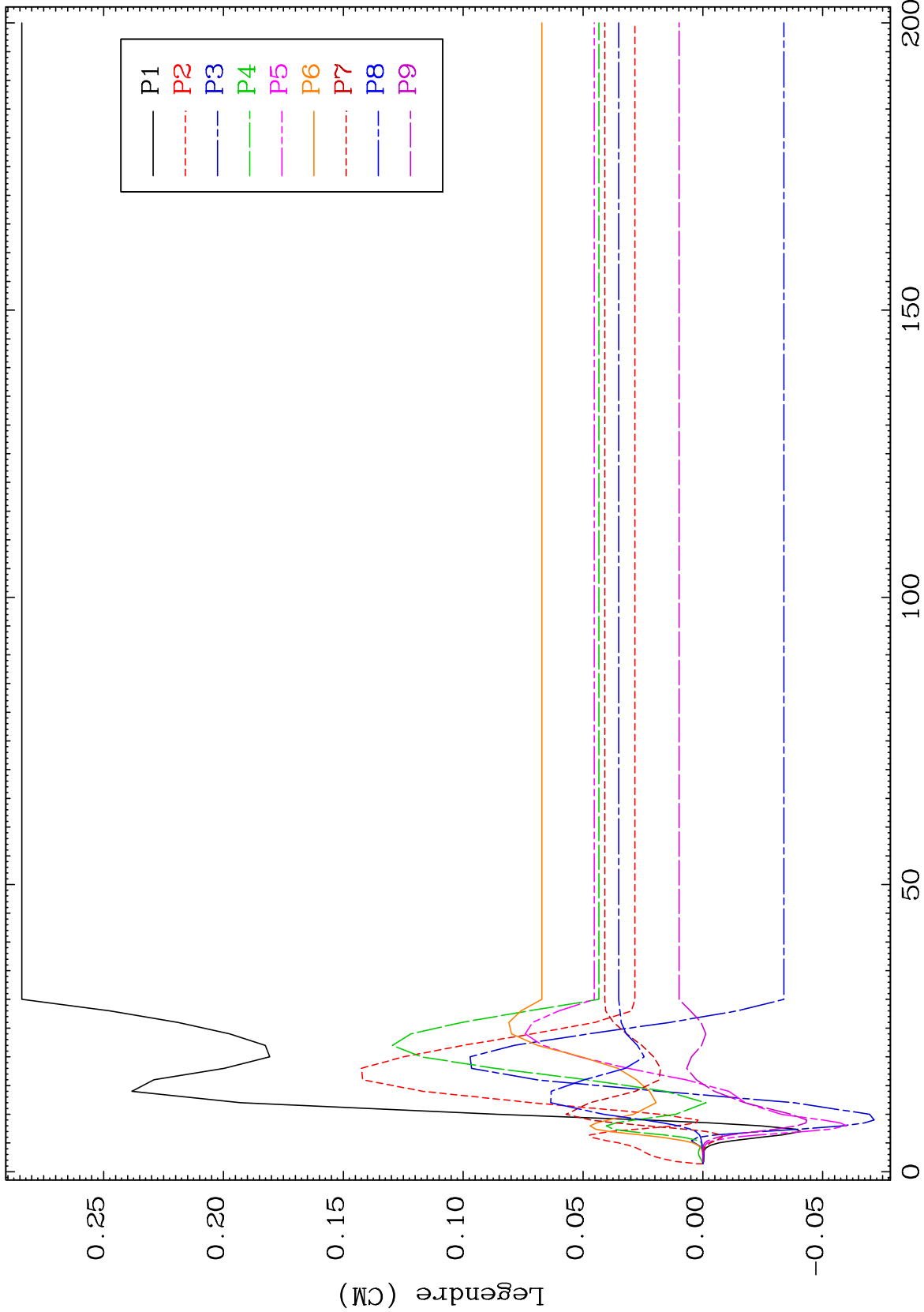
Incident Energy (MeV)

53-I -127

MAT 5325

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

53-I -127



119

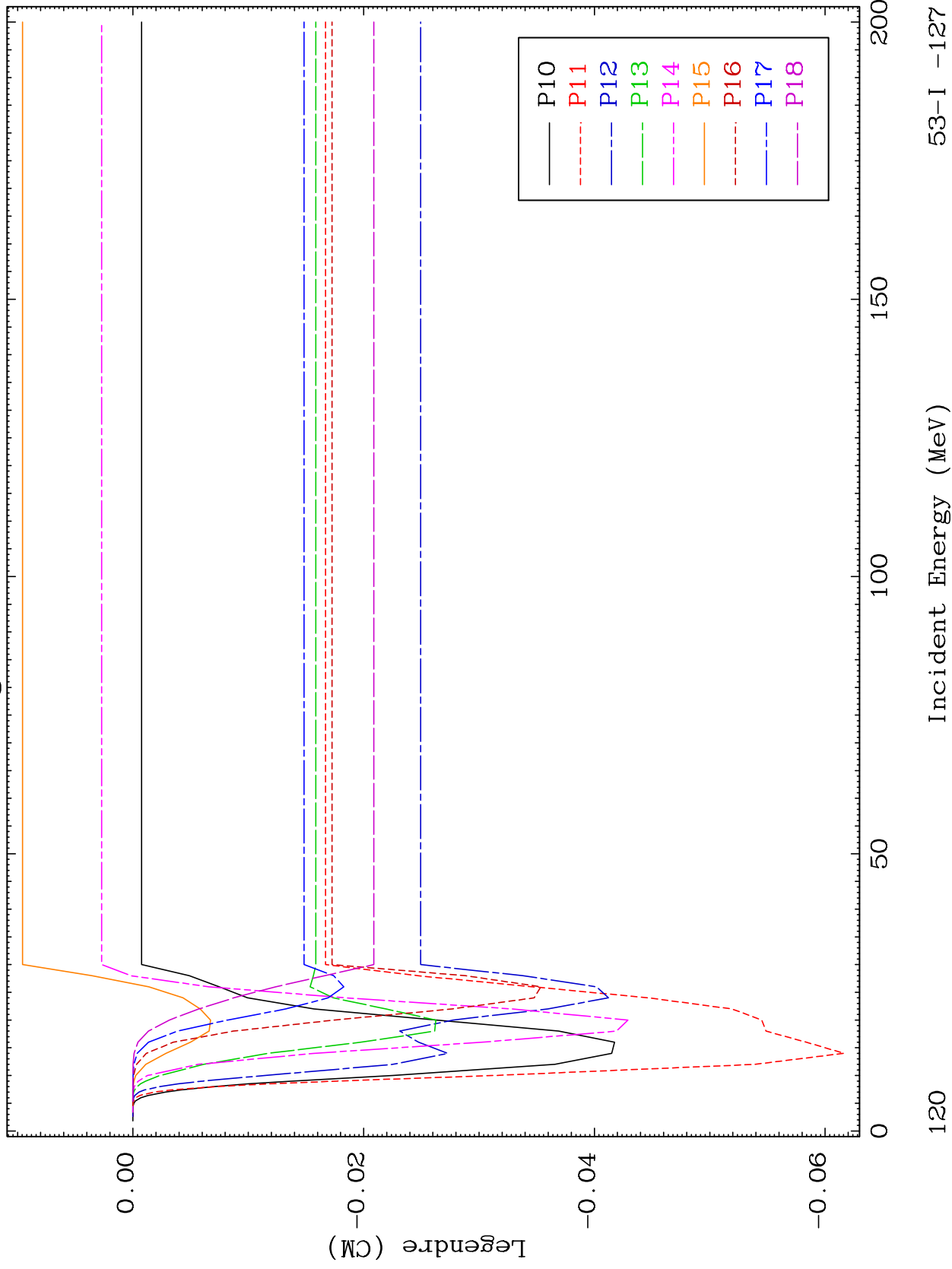
Incident Energy (MeV)

53-I -127

MAT 5325

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

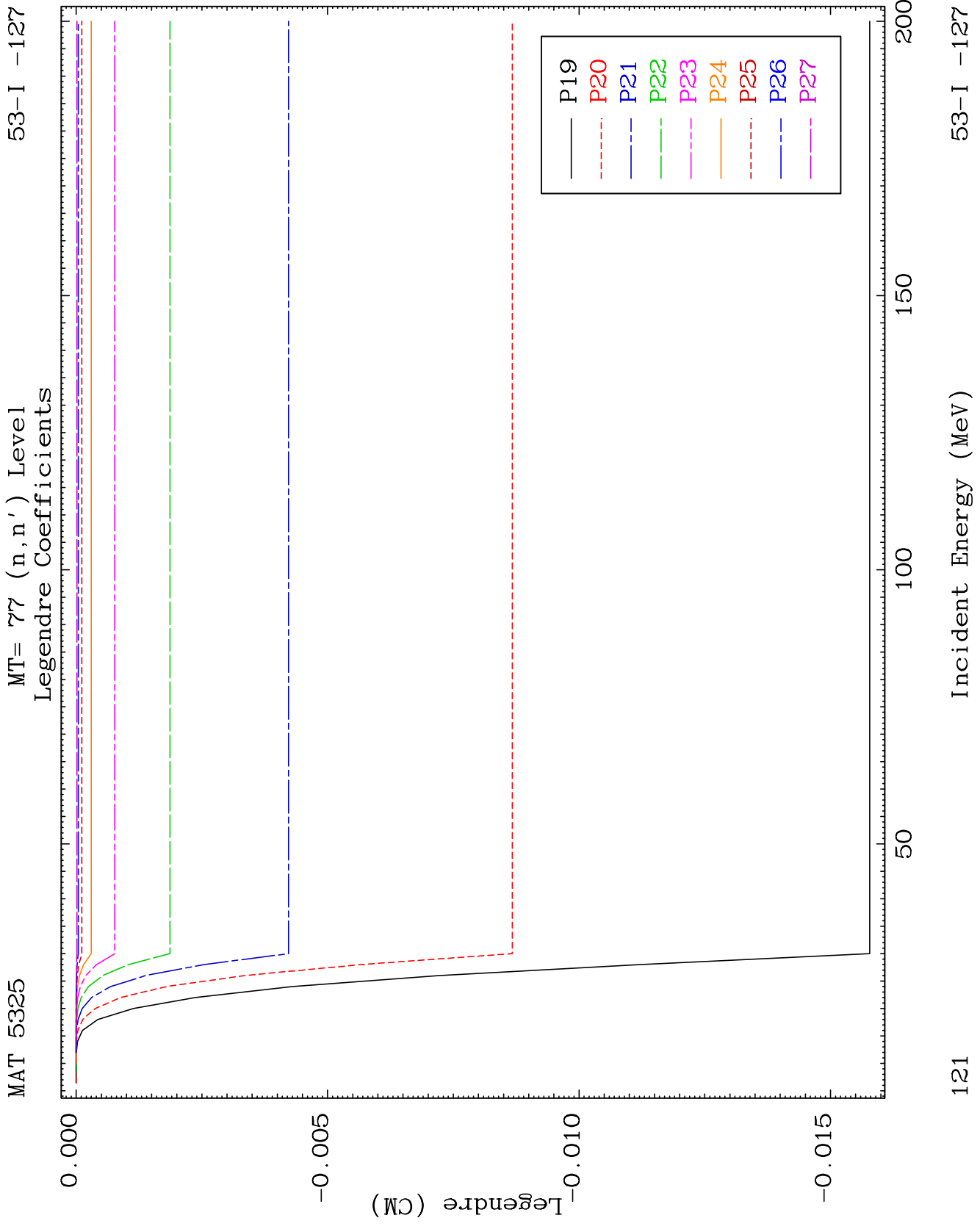
53-I -127

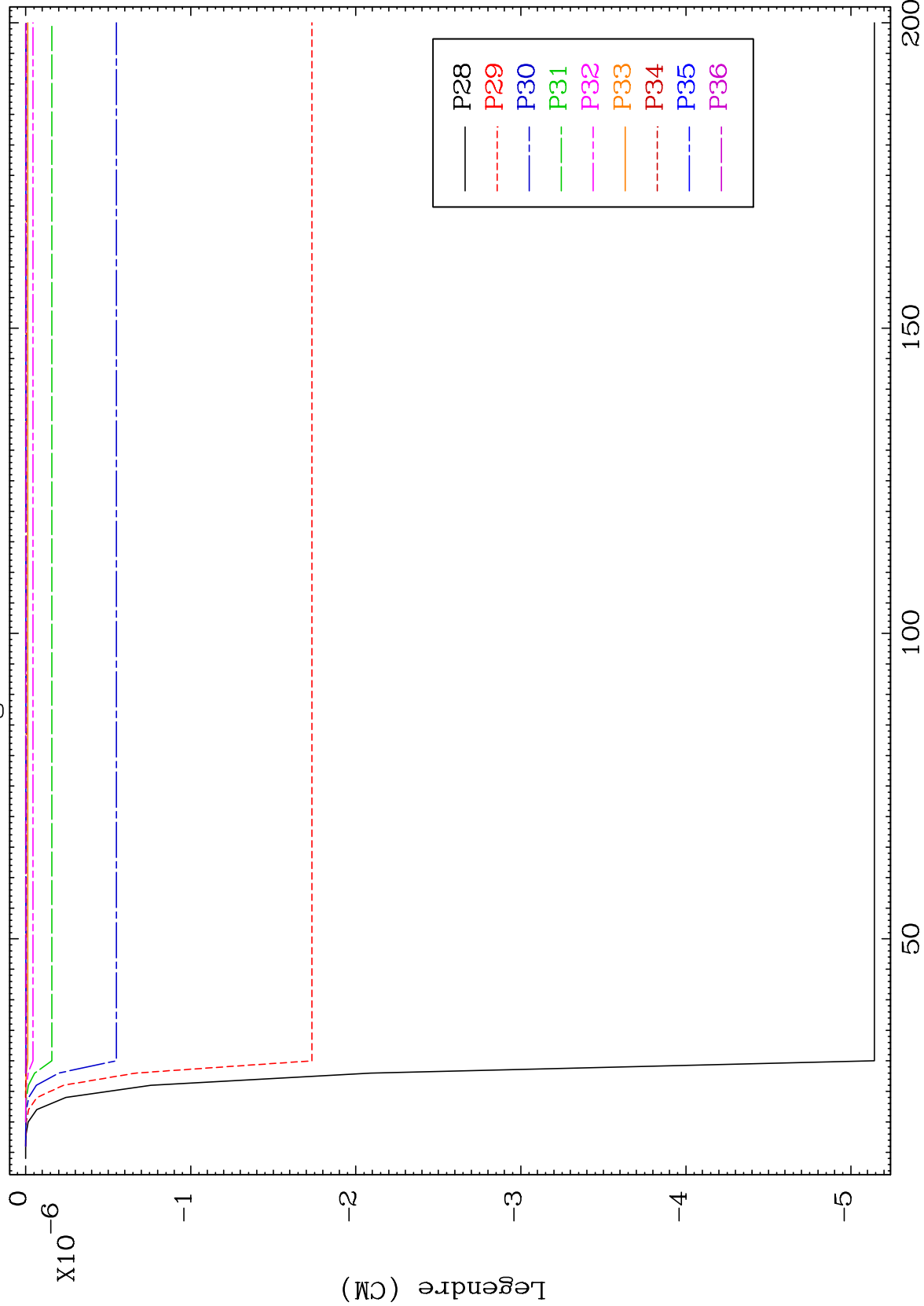


53-I -127

Incident Energy (MeV)

120

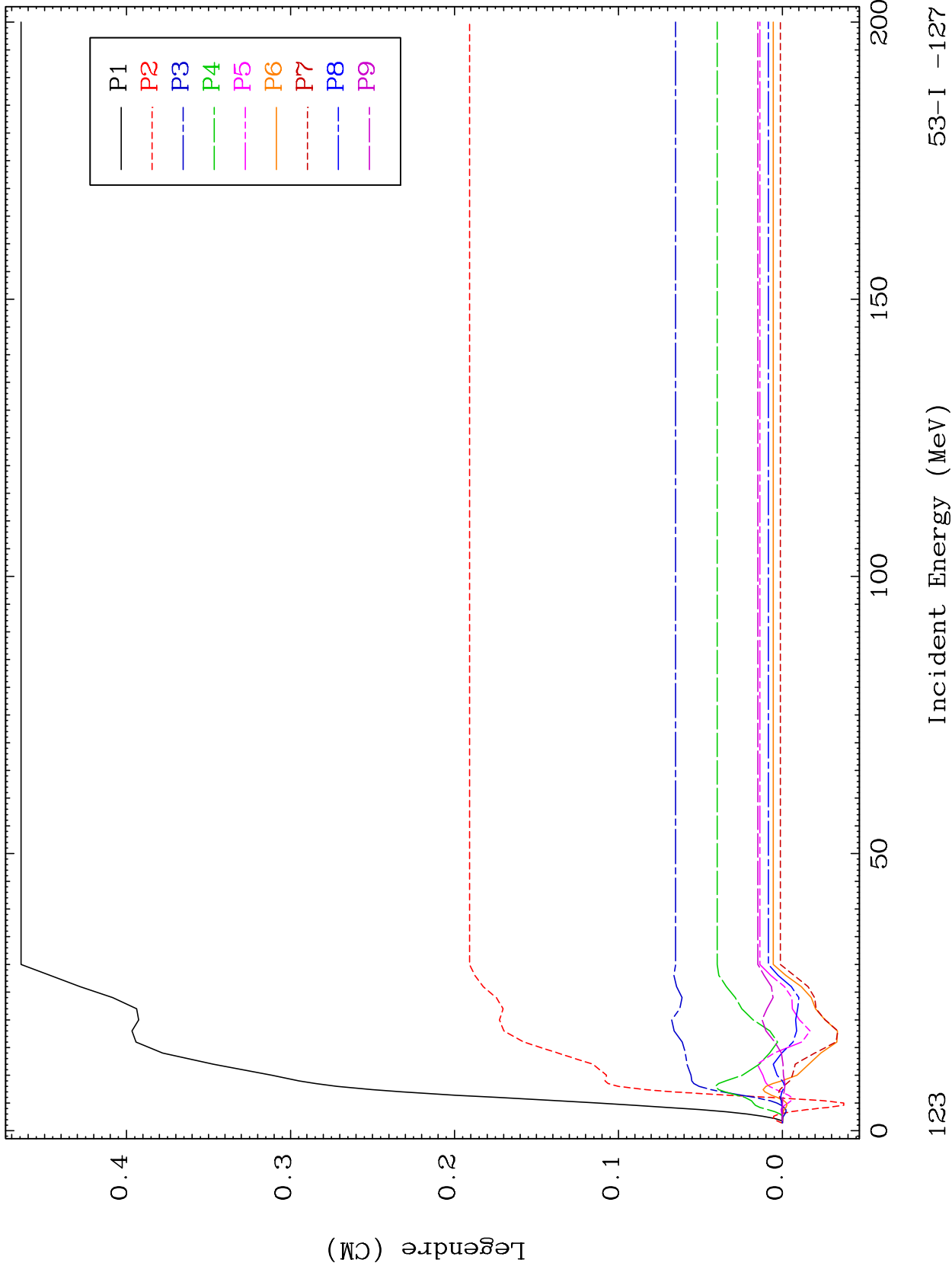




MAT 5325

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

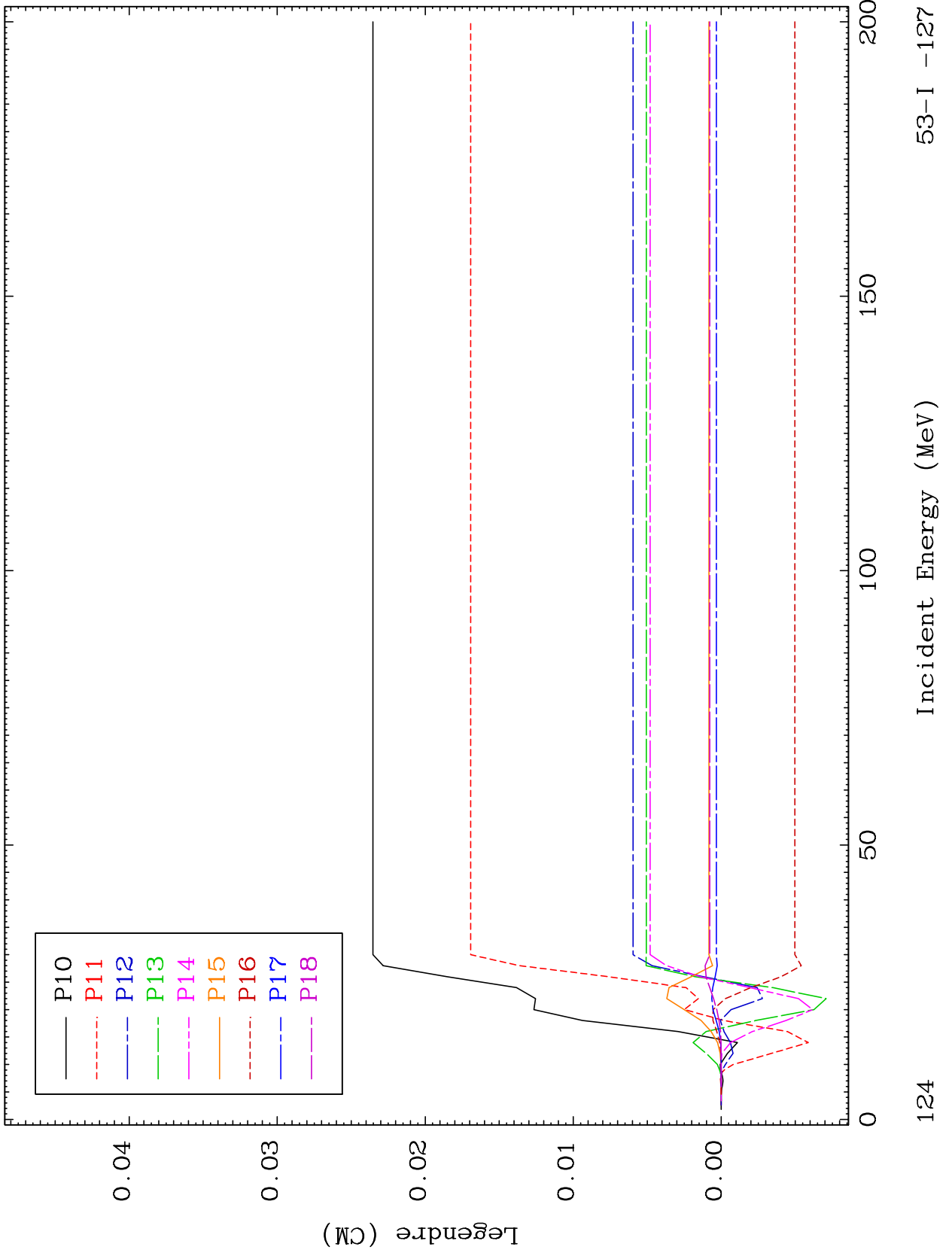
53-I -127

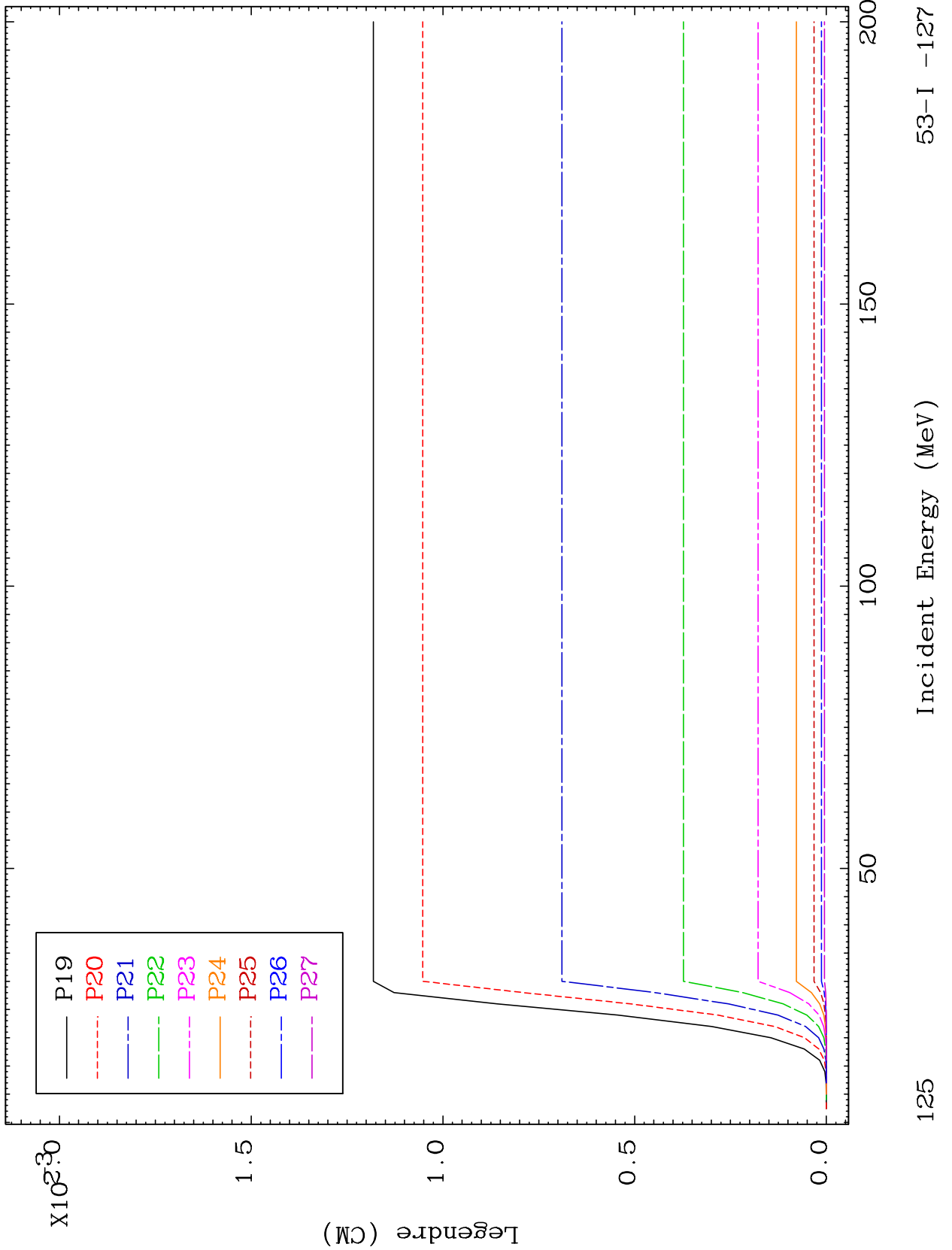


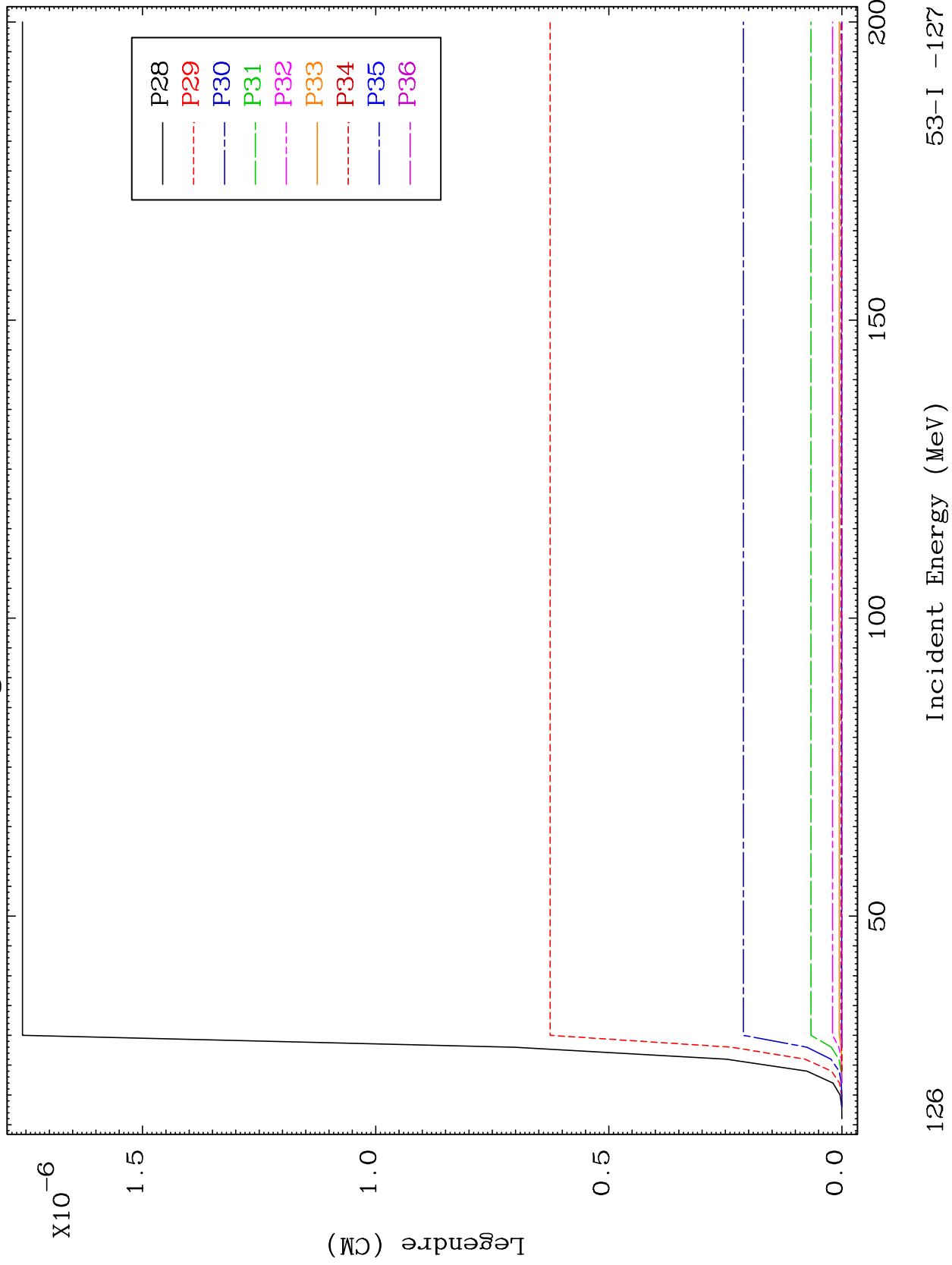
53-I -127

Incident Energy (MeV)

123



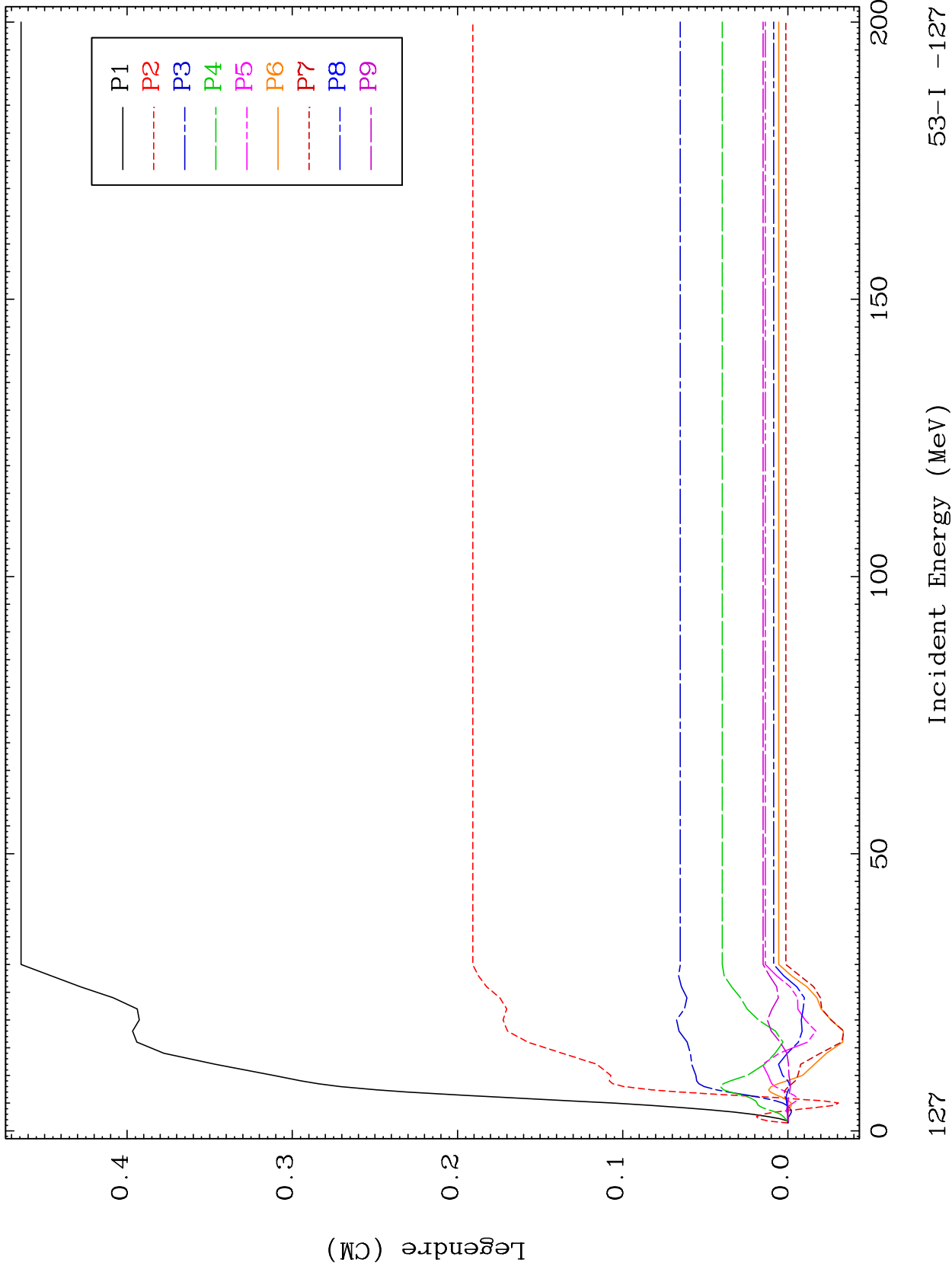




MAT 5325

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

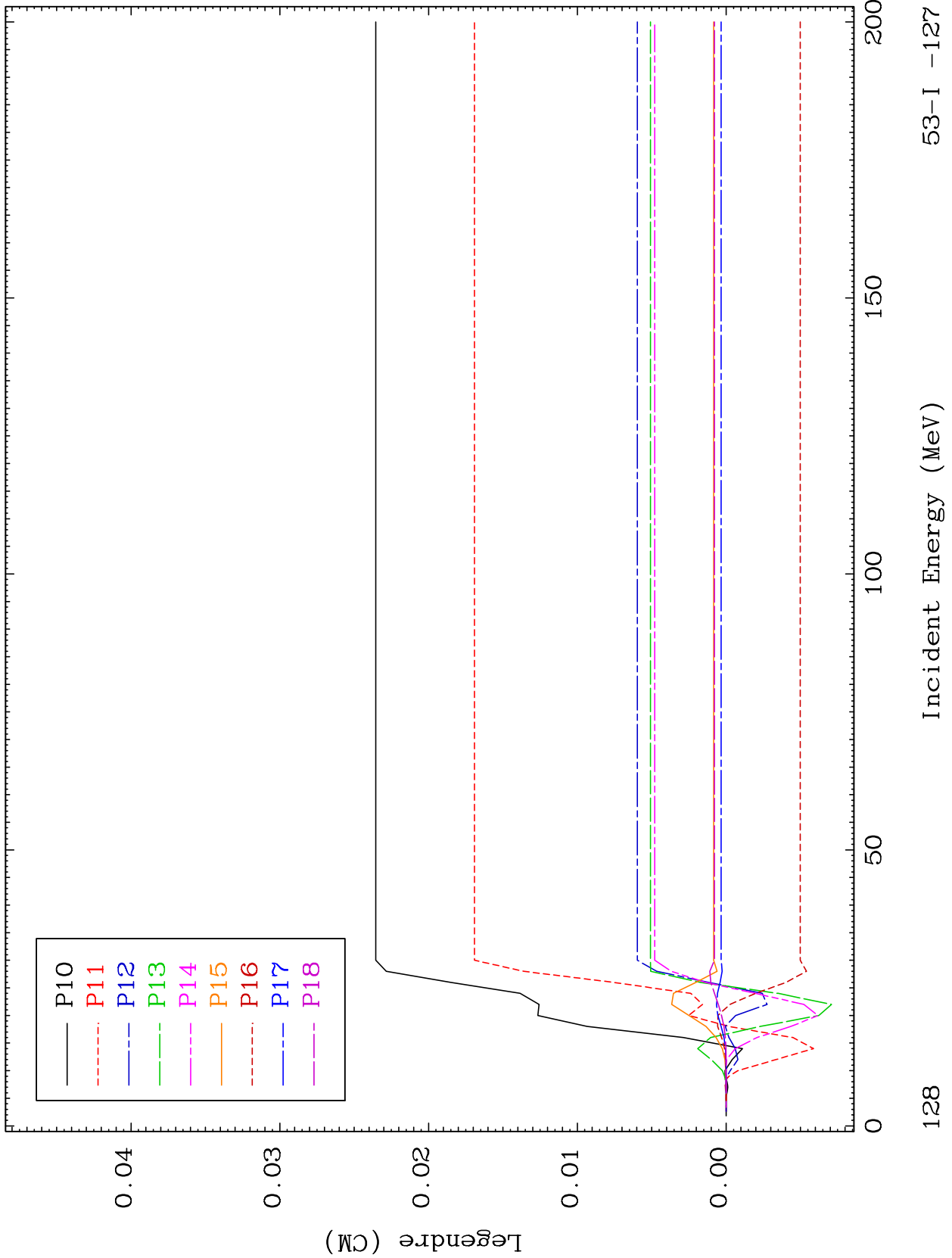
53-I -127

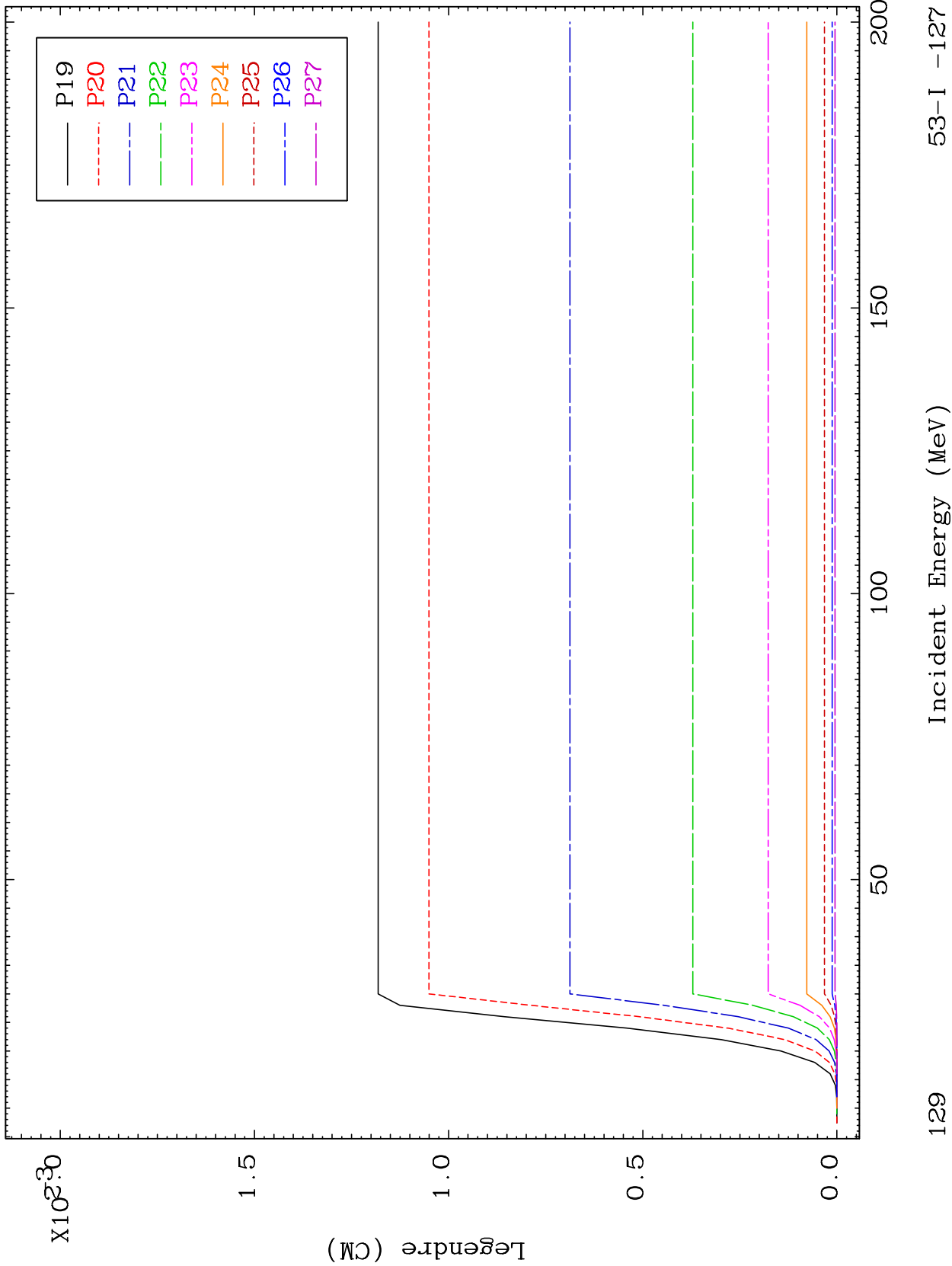


53-I -127

Incident Energy (MeV)

127

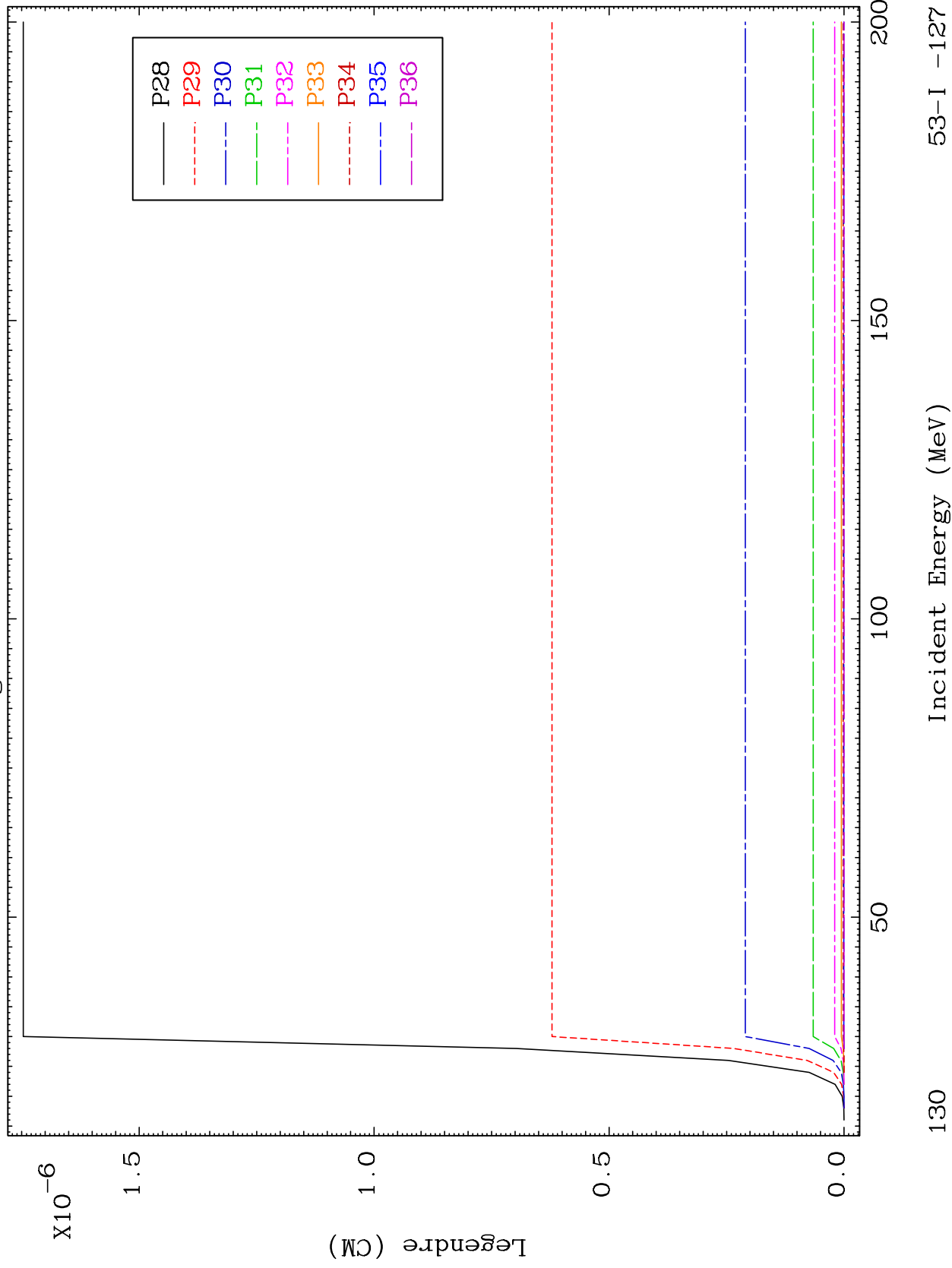




MAT 5325

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

53-I -127



130

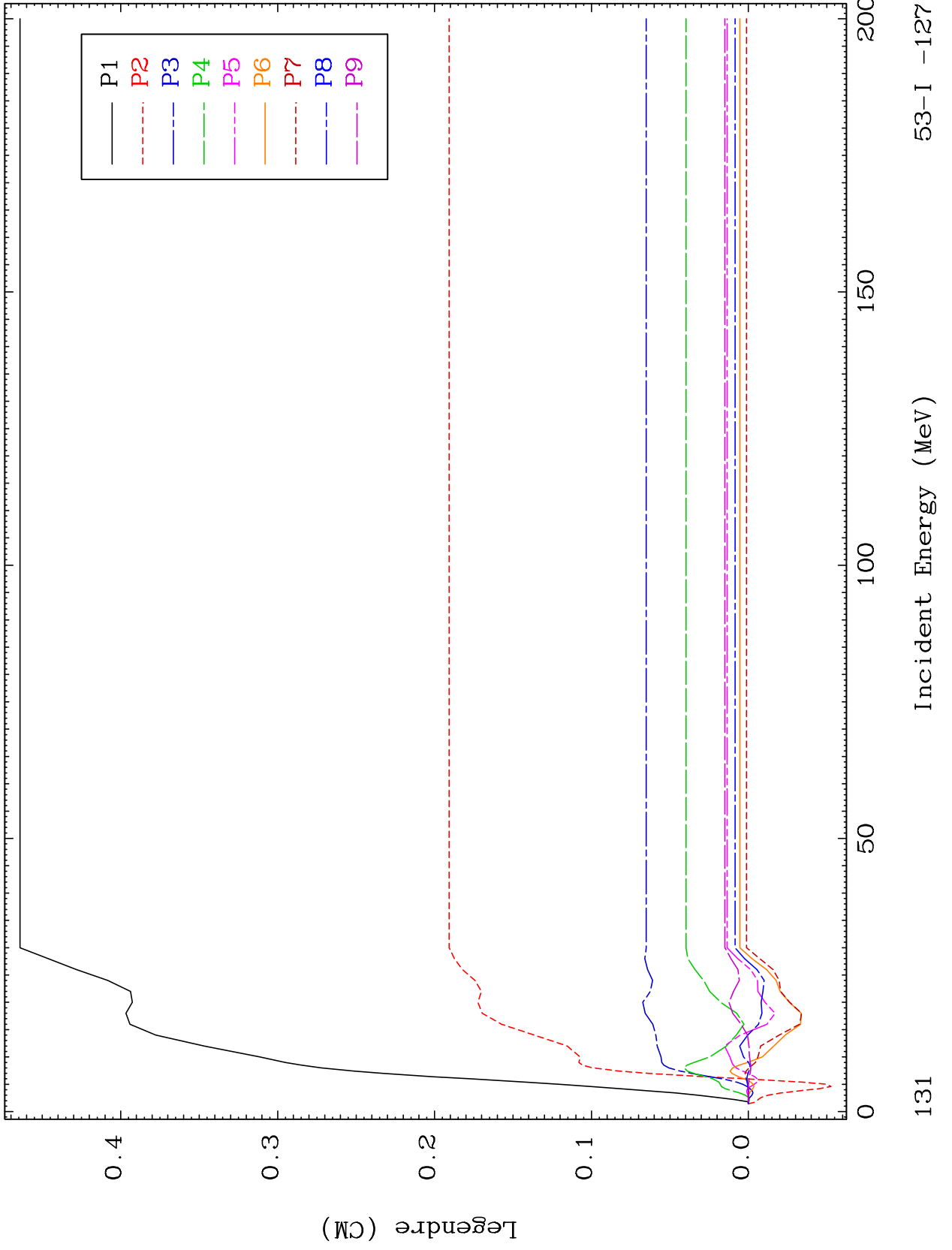
Incident Energy (MeV)

53-I -127

MAT 5325

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

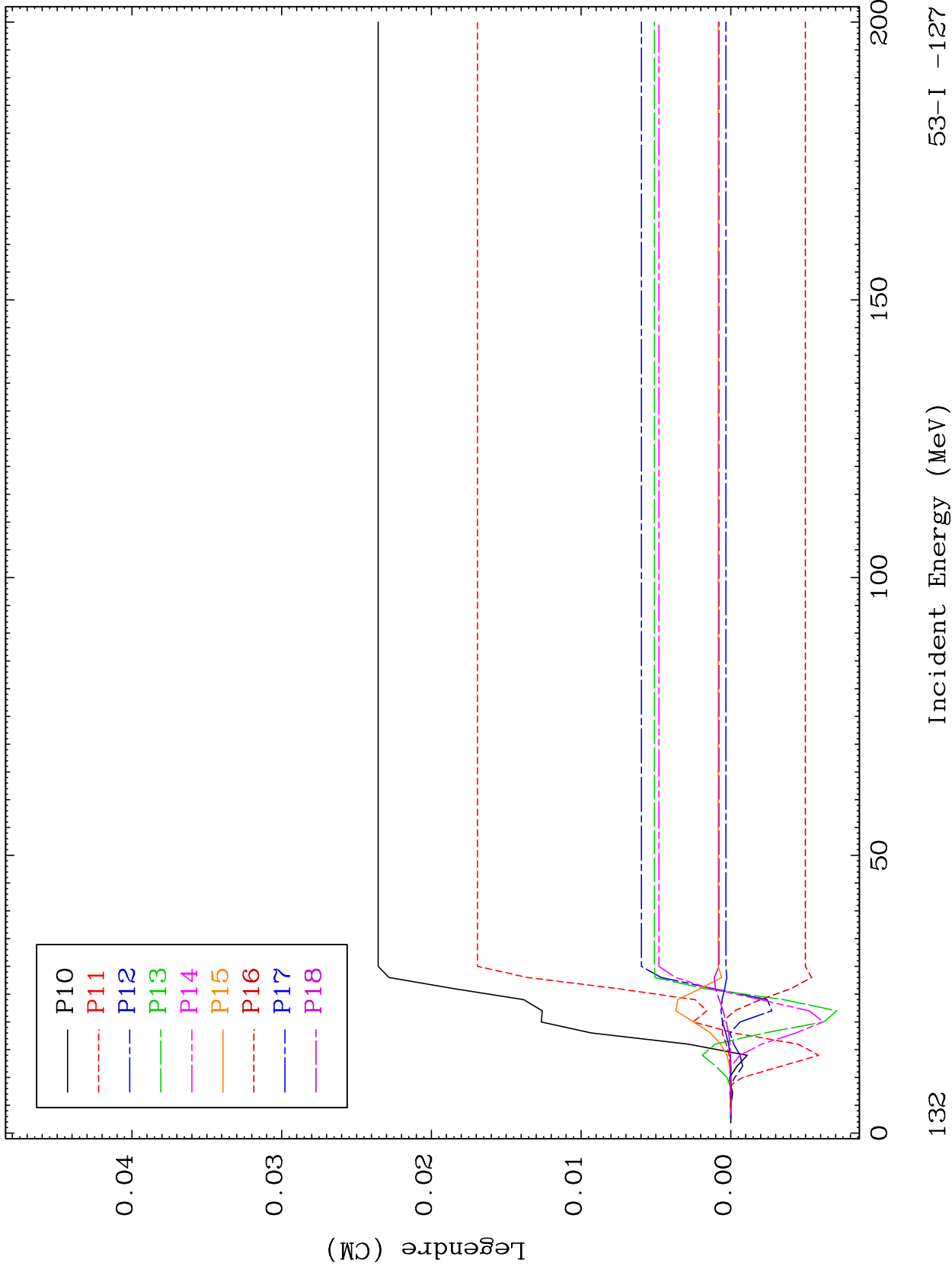
53-I -127

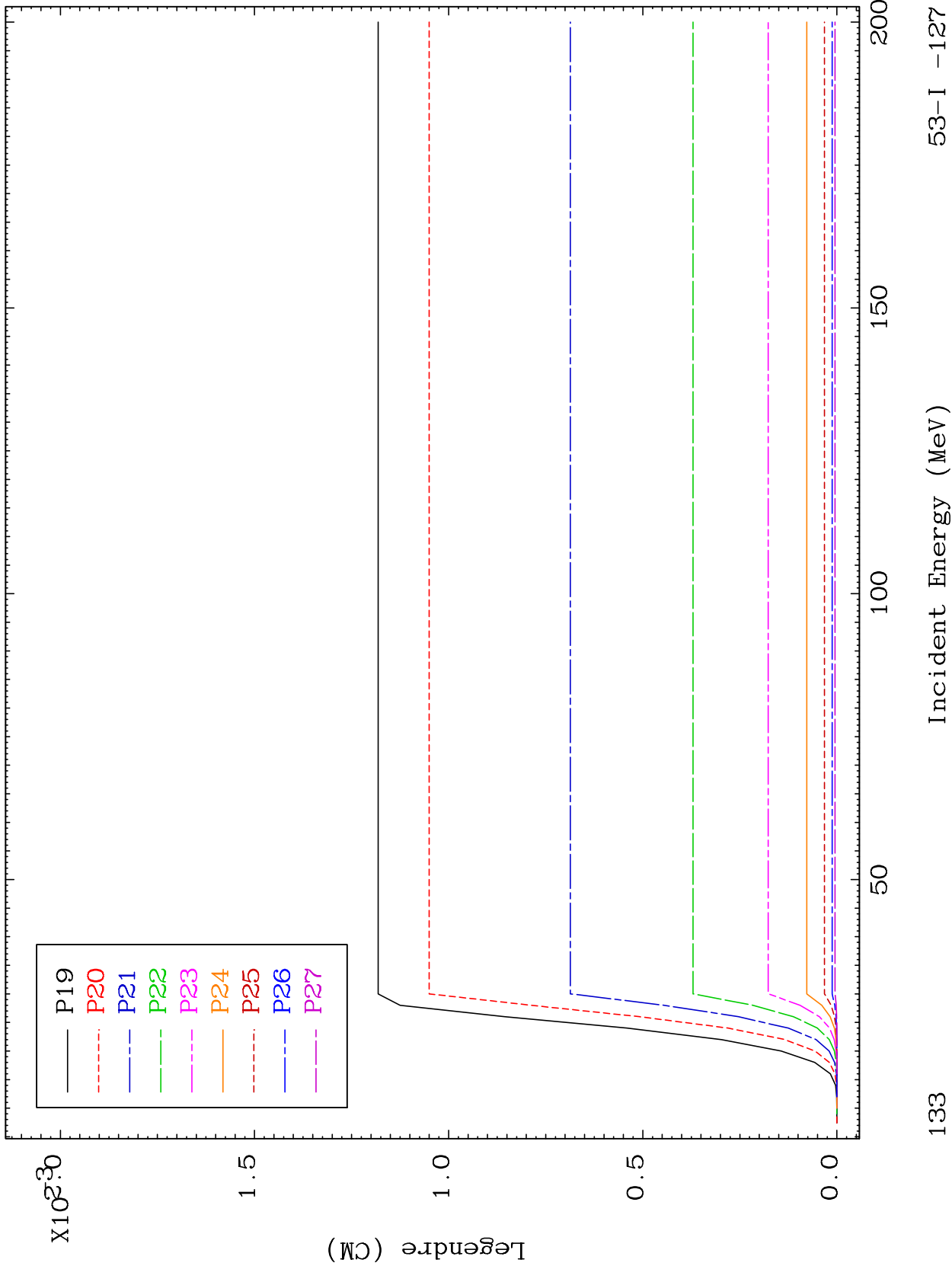


131

Incident Energy (MeV)

53-I -127

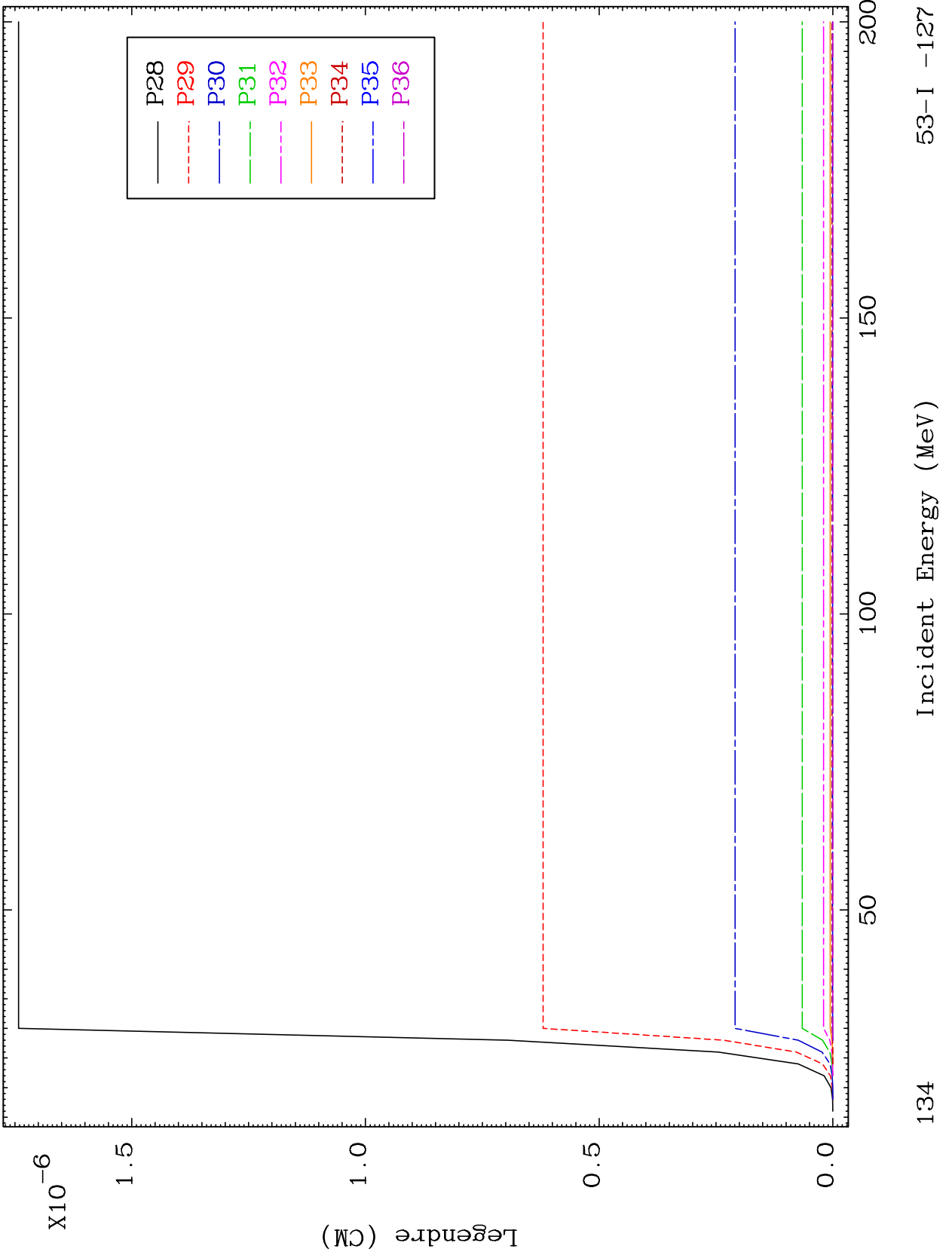




MAT 5325

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

53-I -127



134

Incident Energy (MeV)

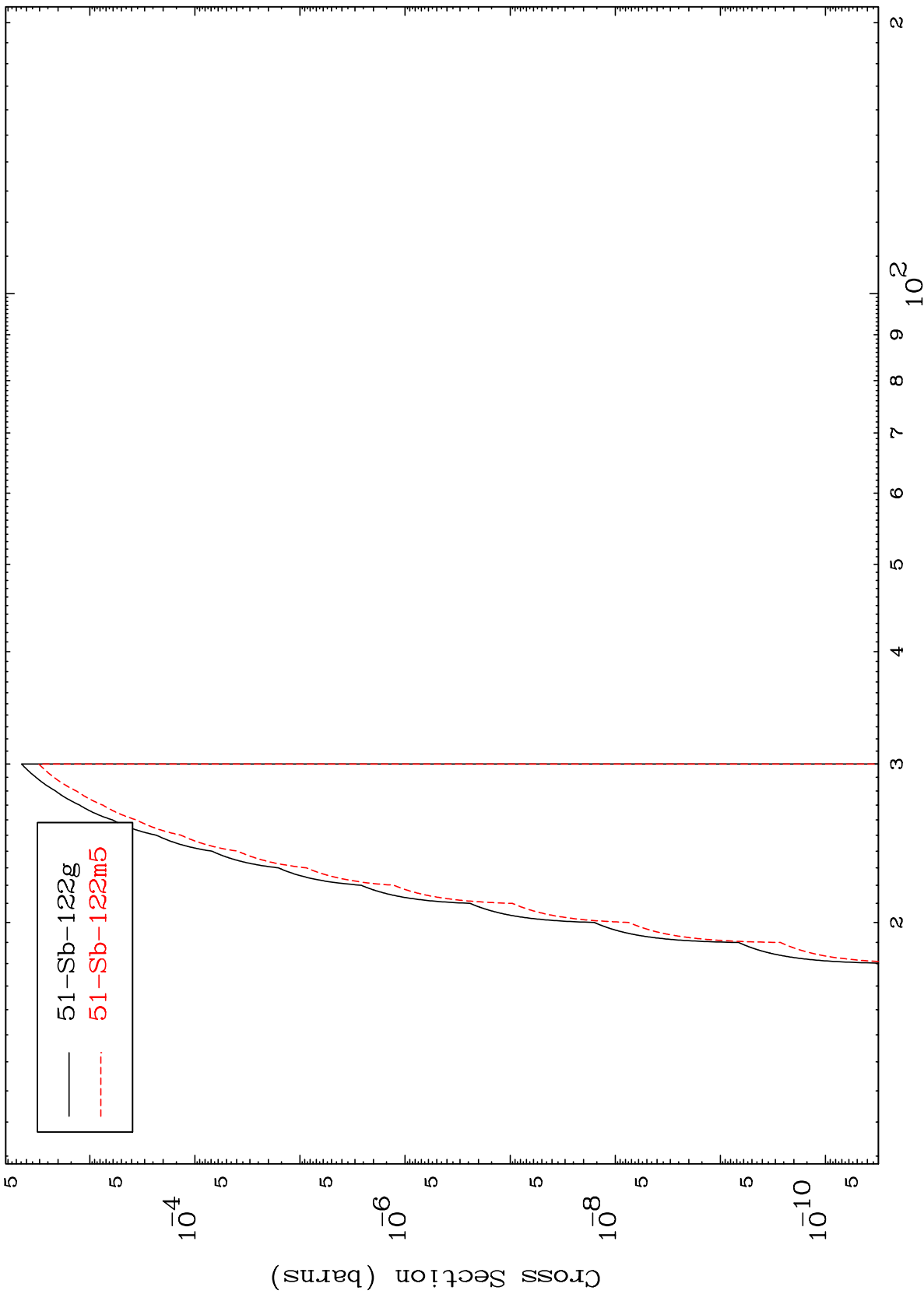
53-I -127

MAT 5325

(n,2n)  $\alpha$

53-I -127

Radionuclide Production Cross Section



135

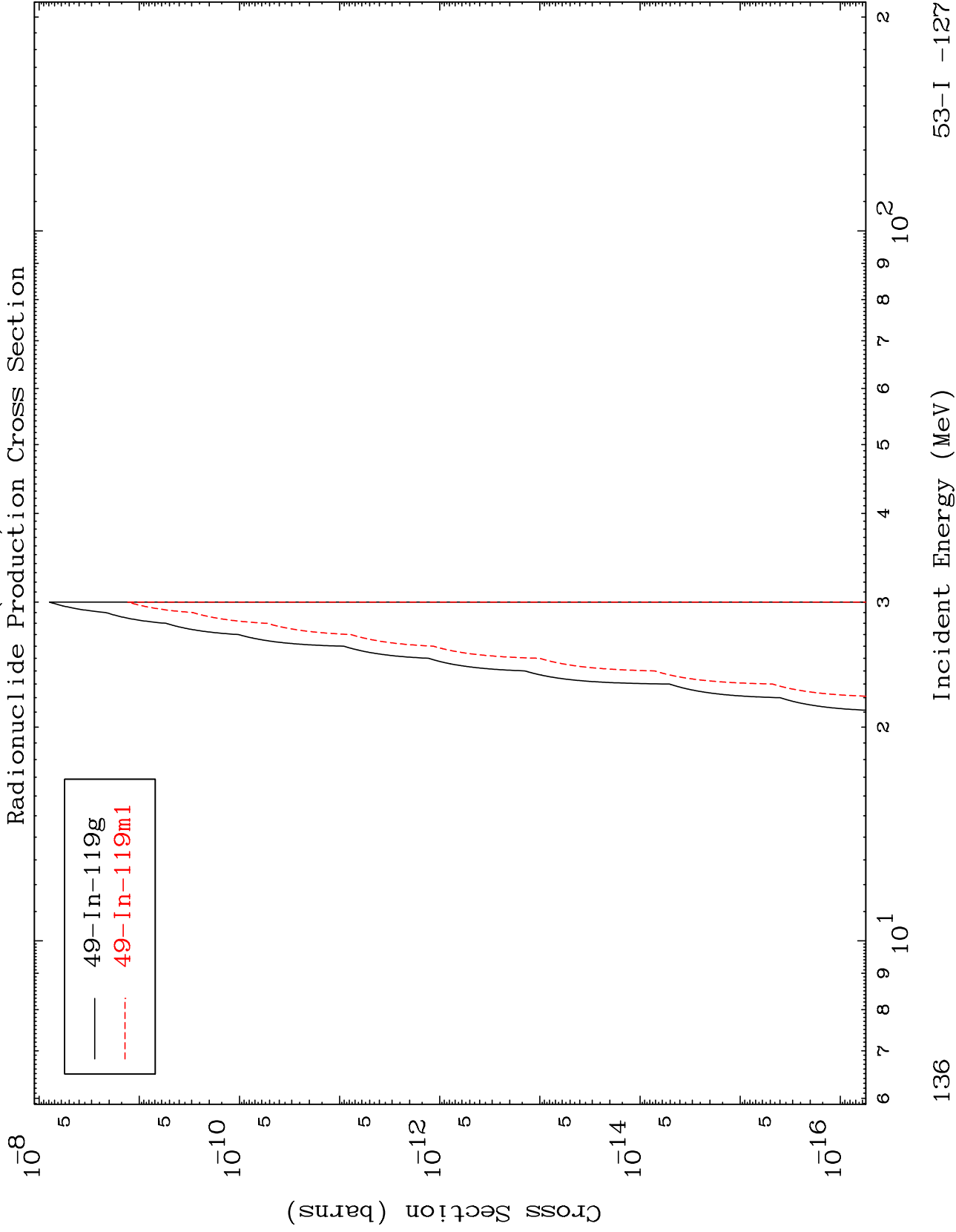
Incident Energy (MeV)

53-I -127

MAT 5325

(n,n') 2α

53-I -127



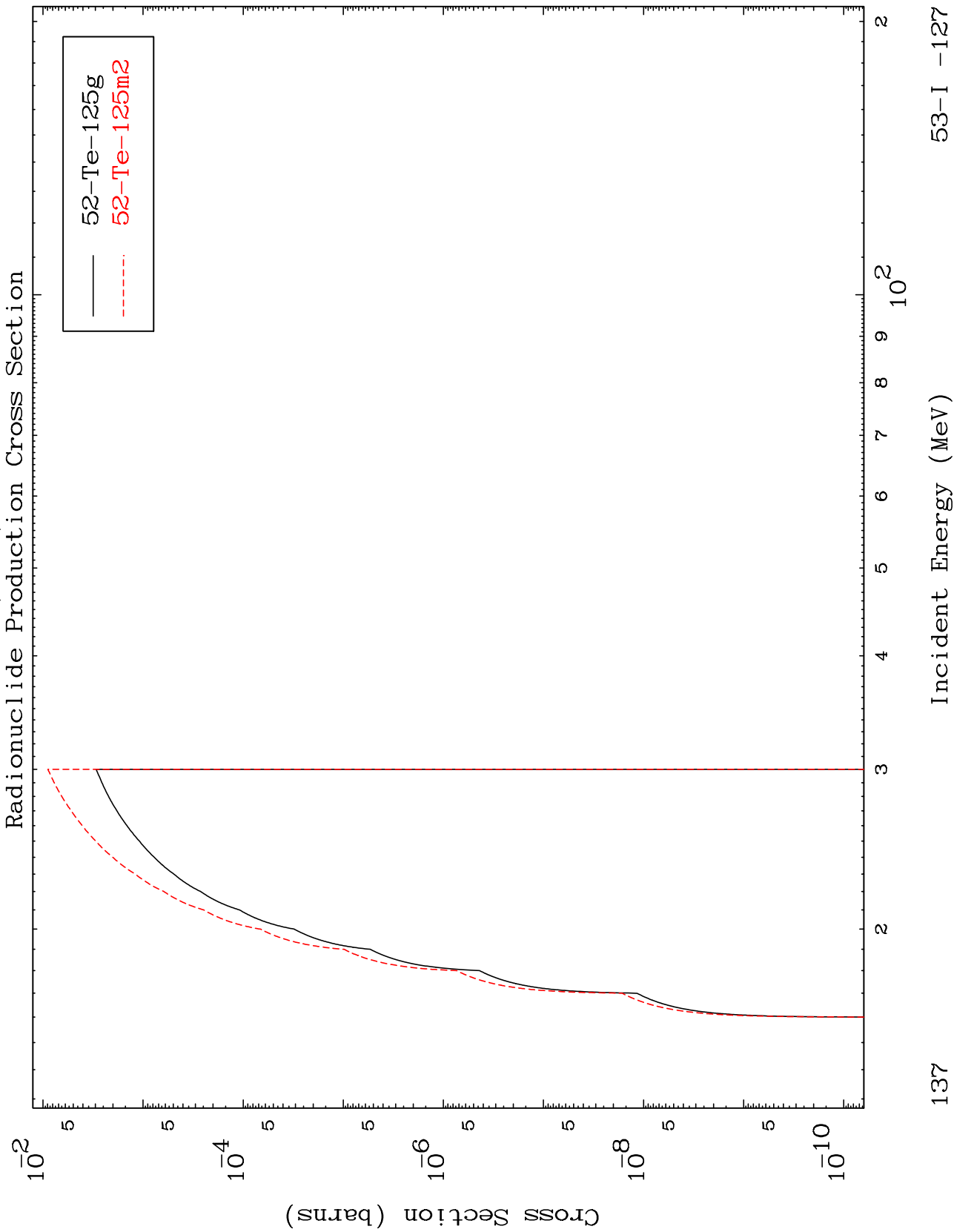
136

53-I -127

MAT 5325

(n,n') d

53-I -127

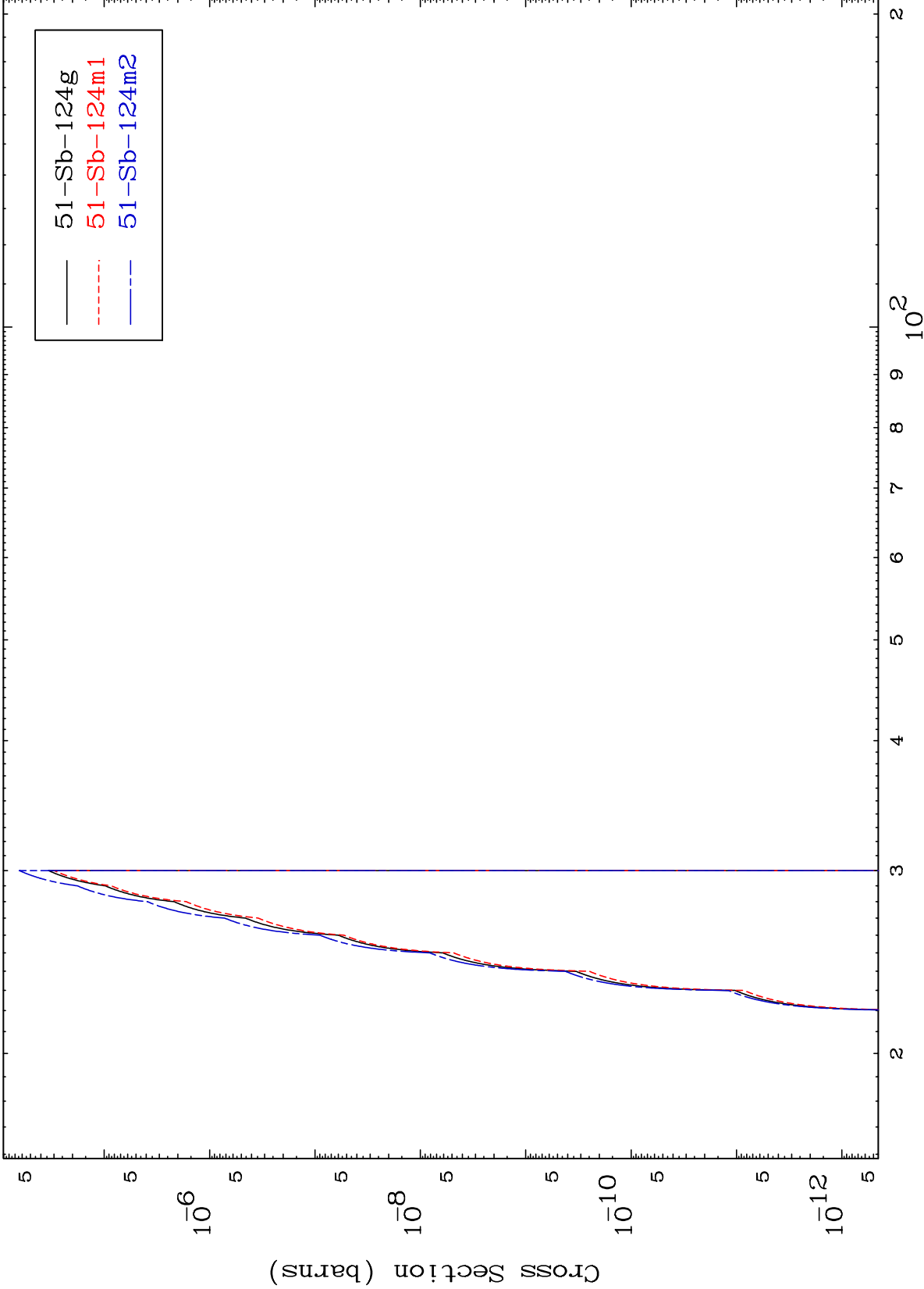


137

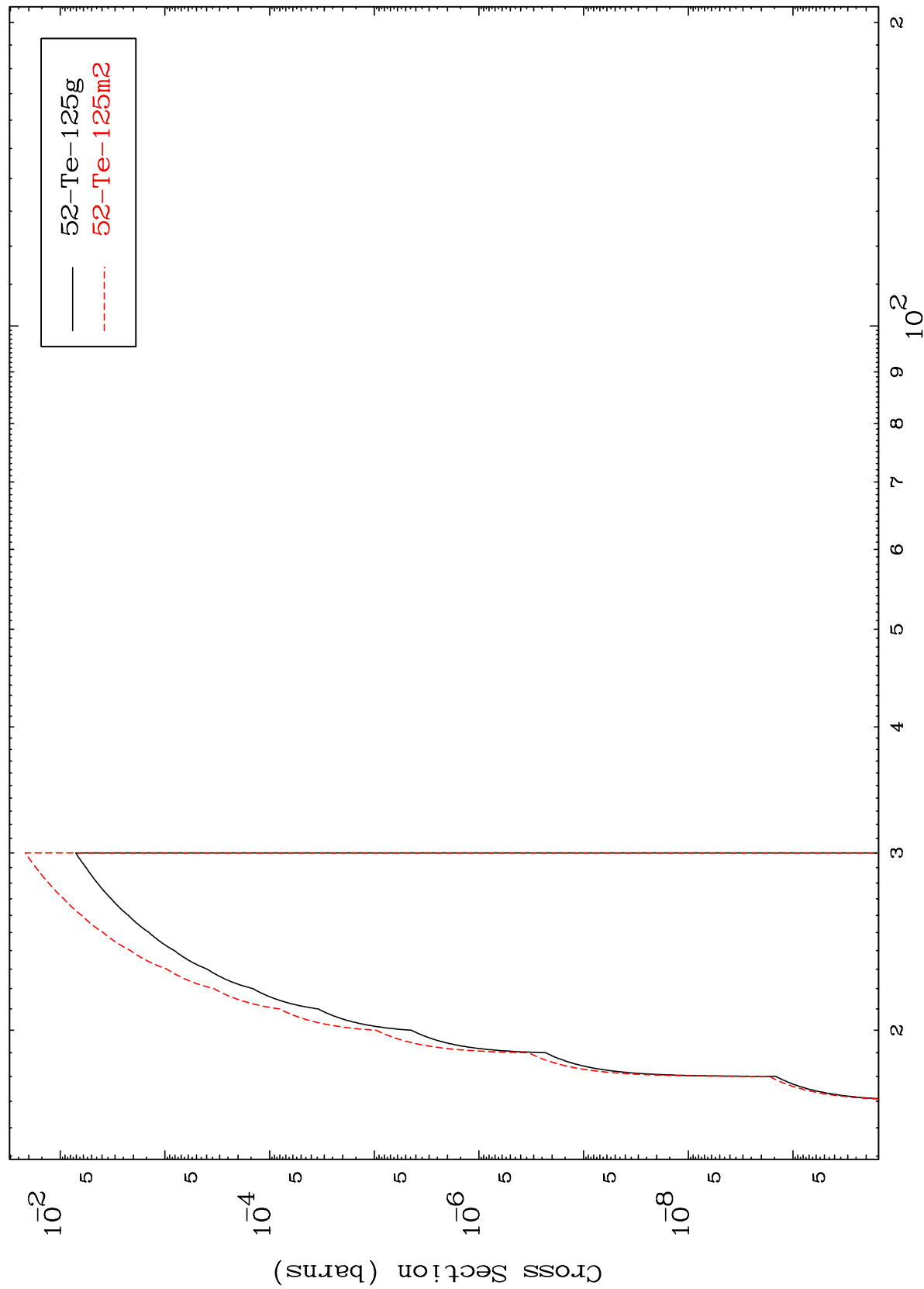
Incident Energy (MeV)

53-I -127

Radionuclide Production Cross Section



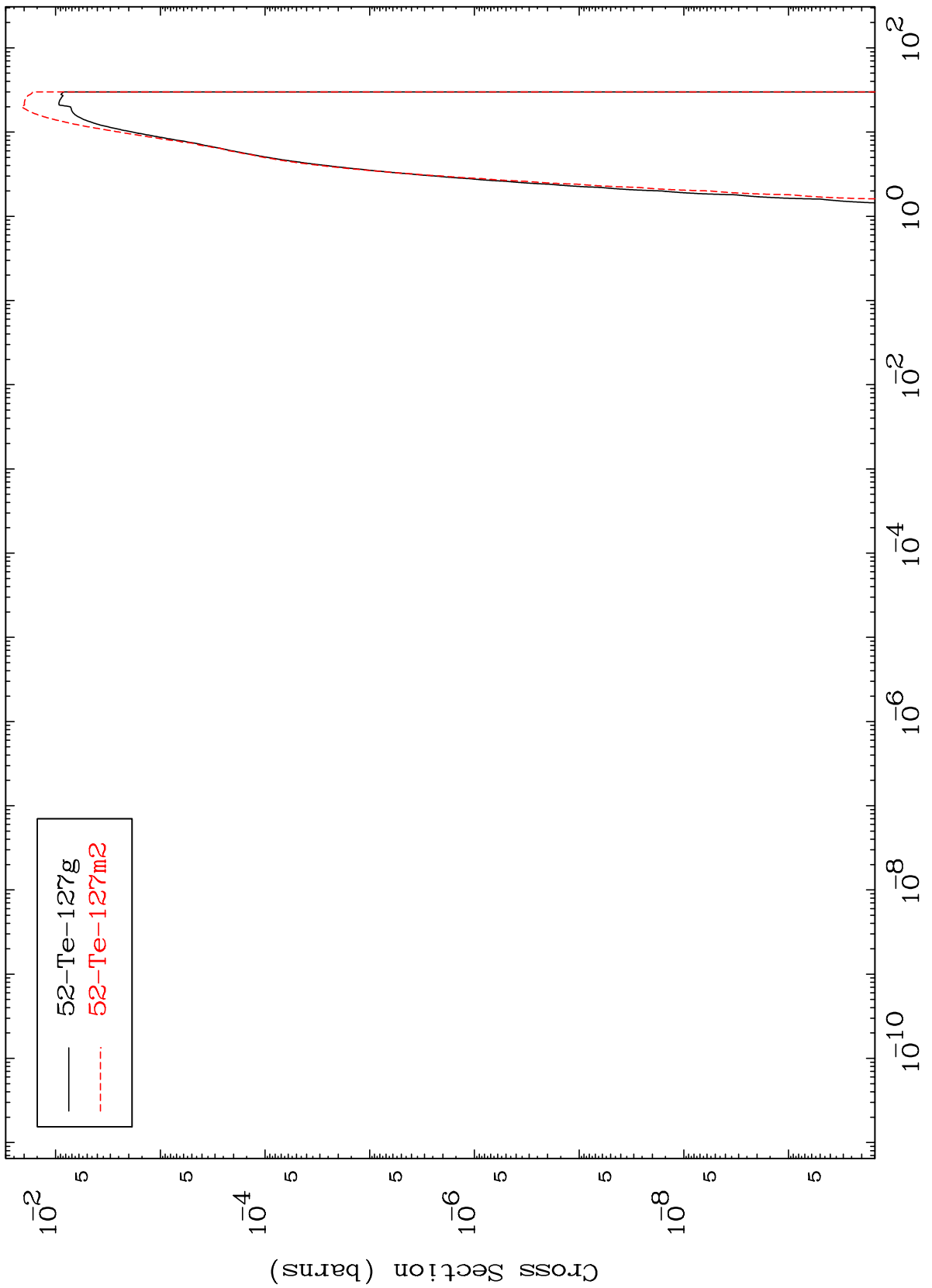
Radionuclide Production Cross Section



MAT 5325

53-I -127

(n,p)  
Radionuclide Production Cross Section



— 52-Te-127g  
- - - 52-Te-127m2

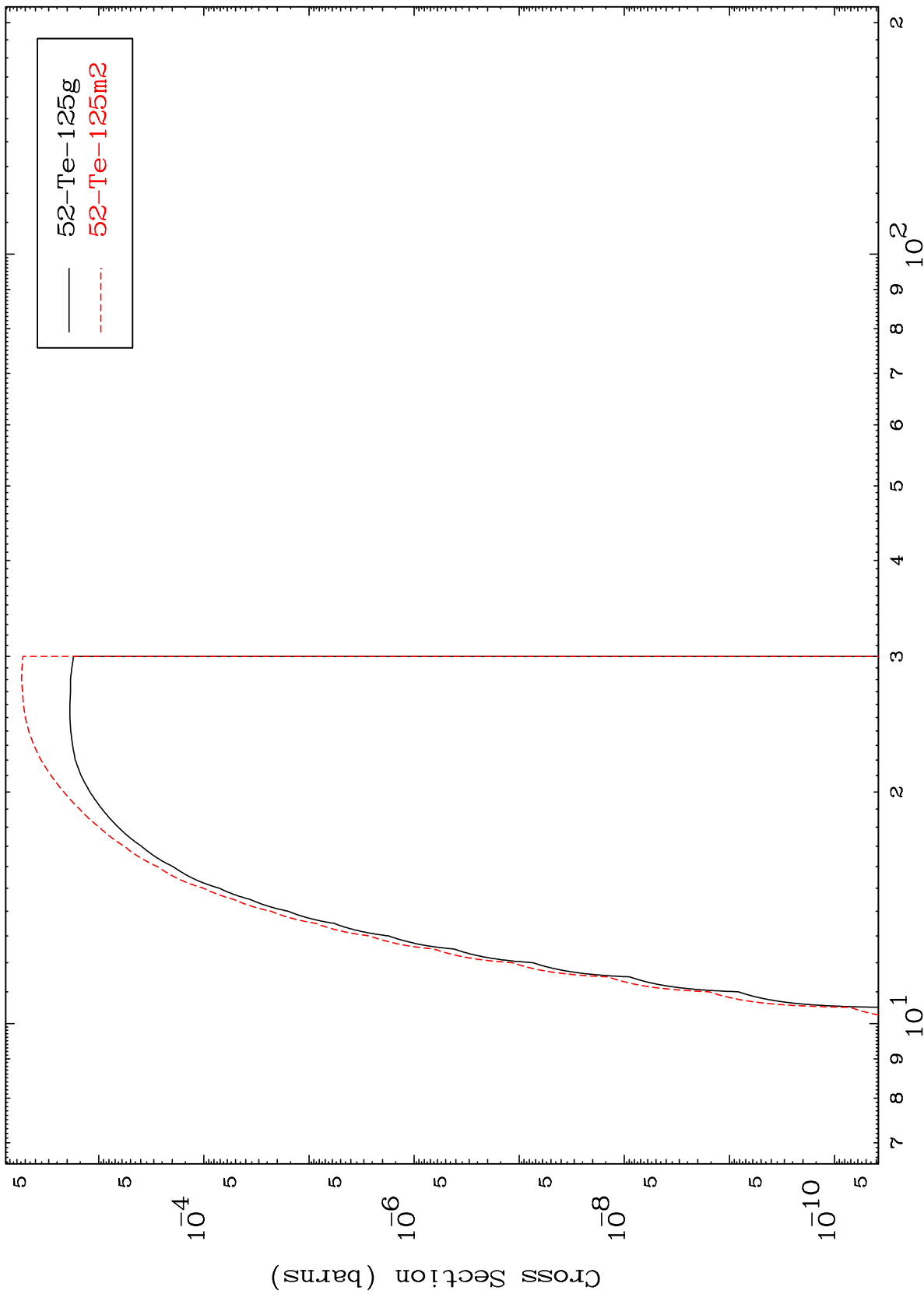
140

53-I -127

MAT 5325

53-I -127

(n,t)  
Radionuclide Production Cross Section



141

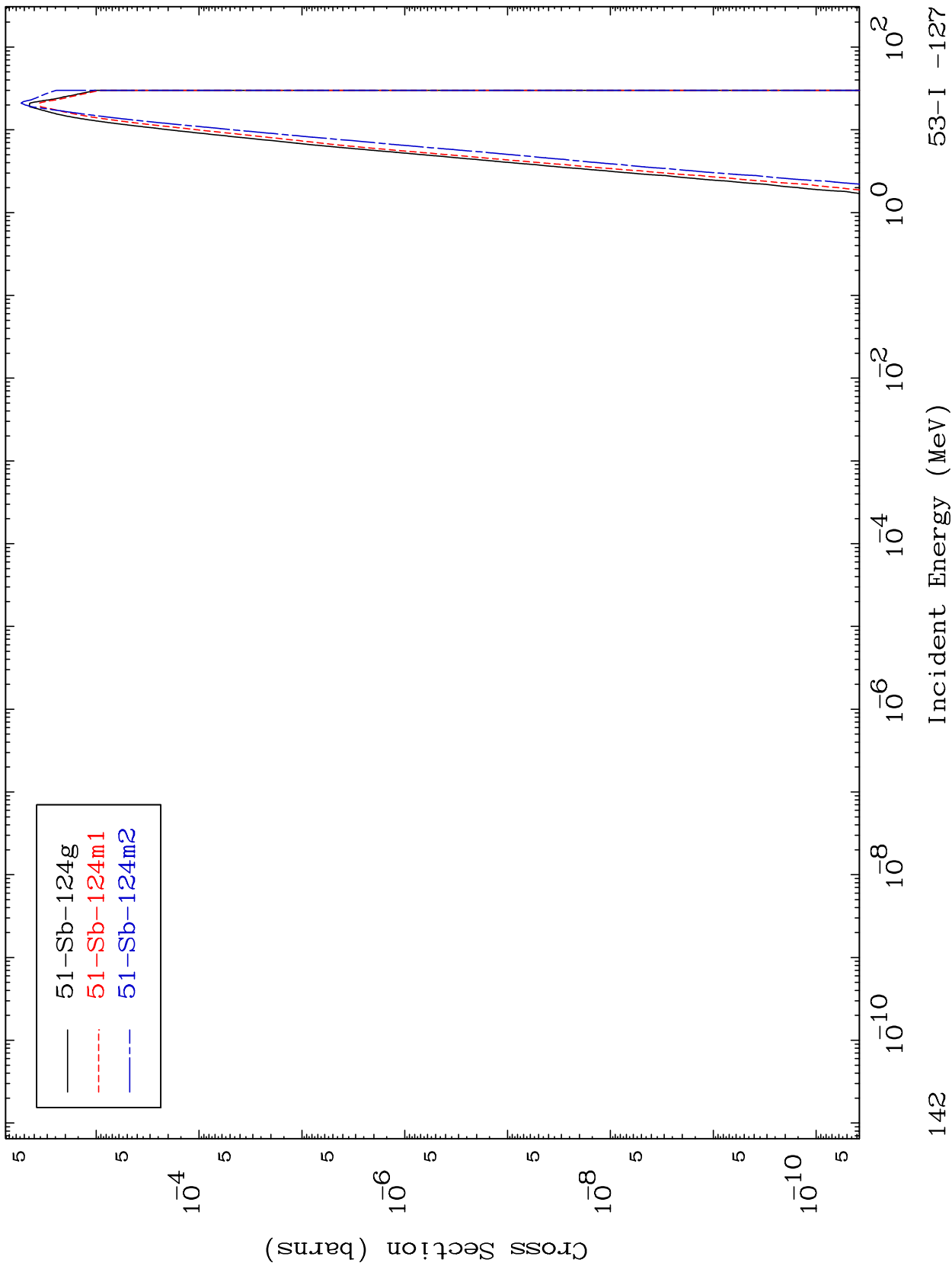
Incident Energy (MeV)

53-I -127

MAT 5325

53-I -127

Radionuclide Production Cross Section

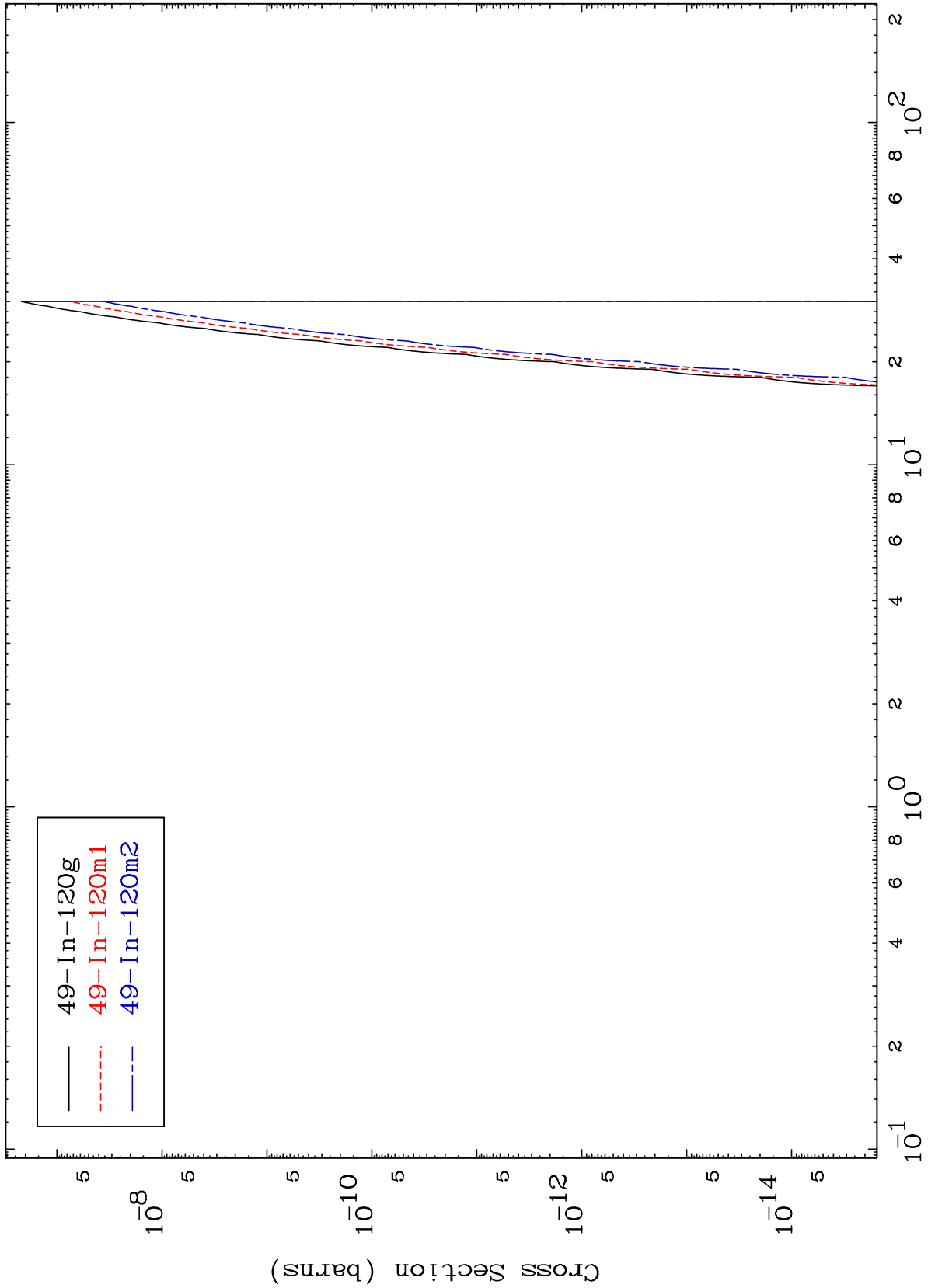
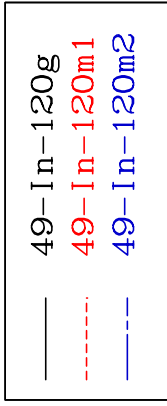


MAT 5325

(n,2α)

53-I -127

Radionuclide Production Cross Section

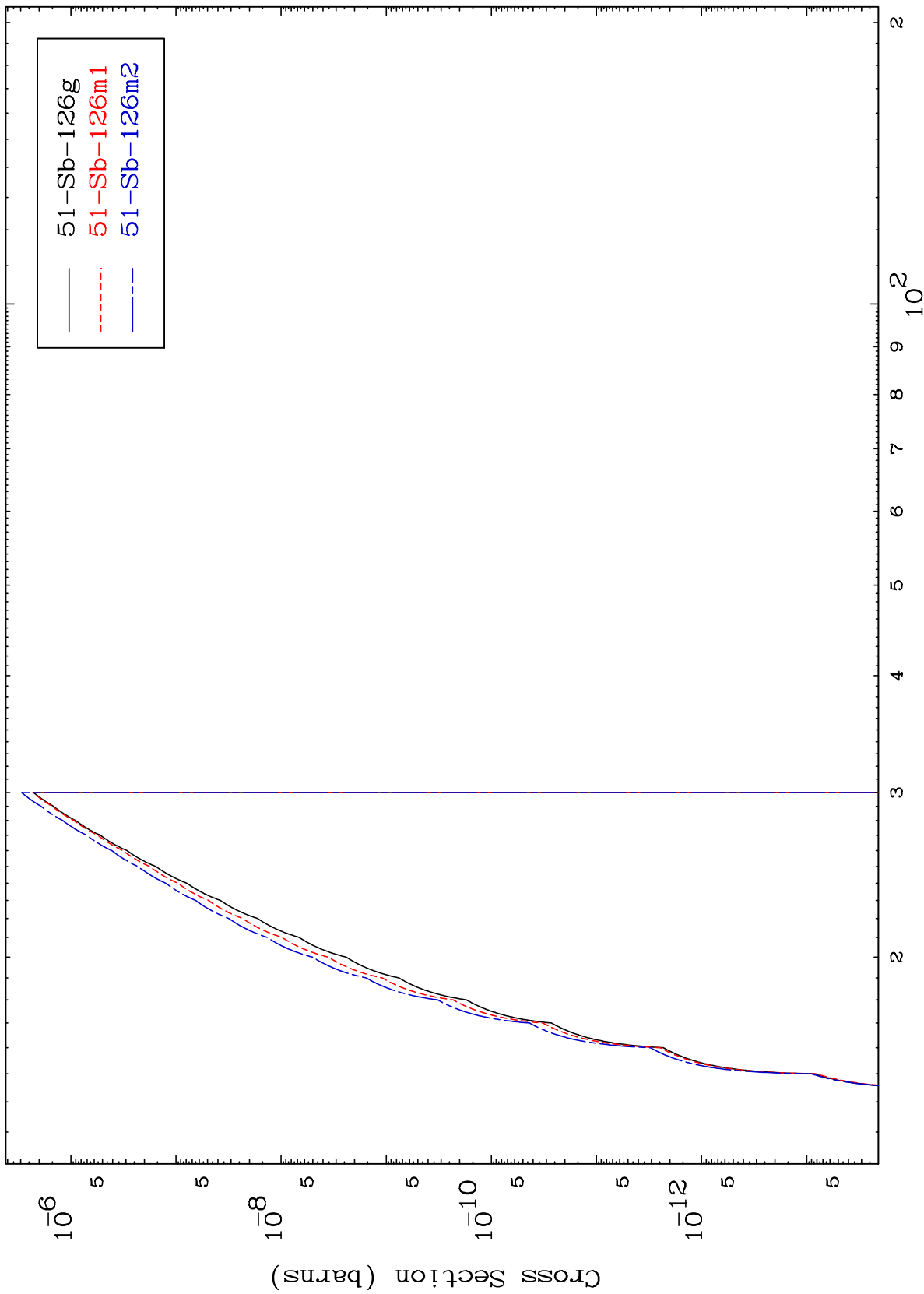


Incident Energy (MeV)

53-I -127

143

(n,2p)  
Radionuclide Production Cross Section

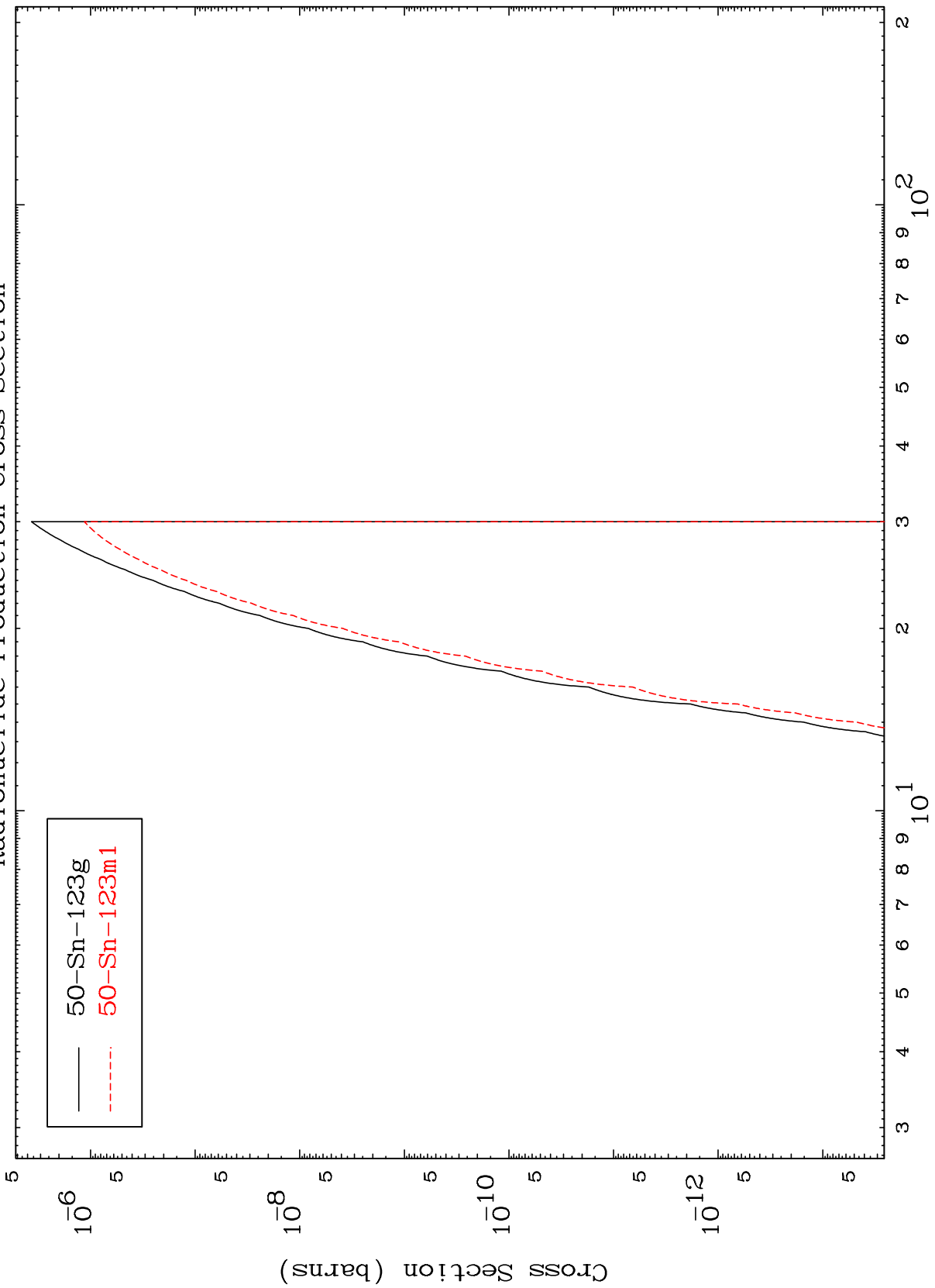


MAT 5325

(n,p)  $\alpha$

53-I -127

Radionuclide Production Cross Section



— 50-Sn-123g  
- - - 50-Sn-123m1

145

Incident Energy (MeV)

53-I -127

Radionuclide Production Cross Section

