

Program EVALPLOT
(Version 2017-1)

by

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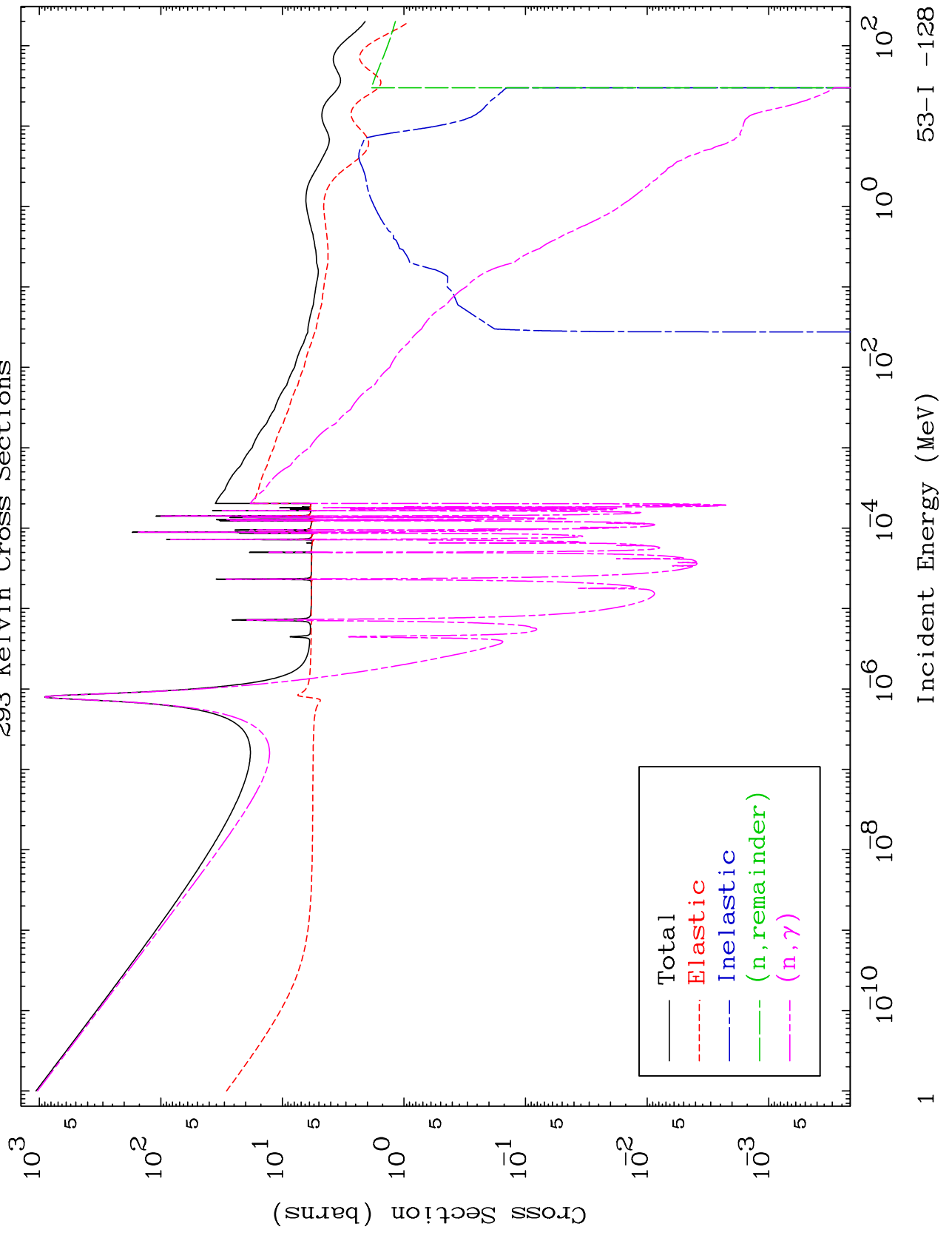
Press Mouse Button to Start

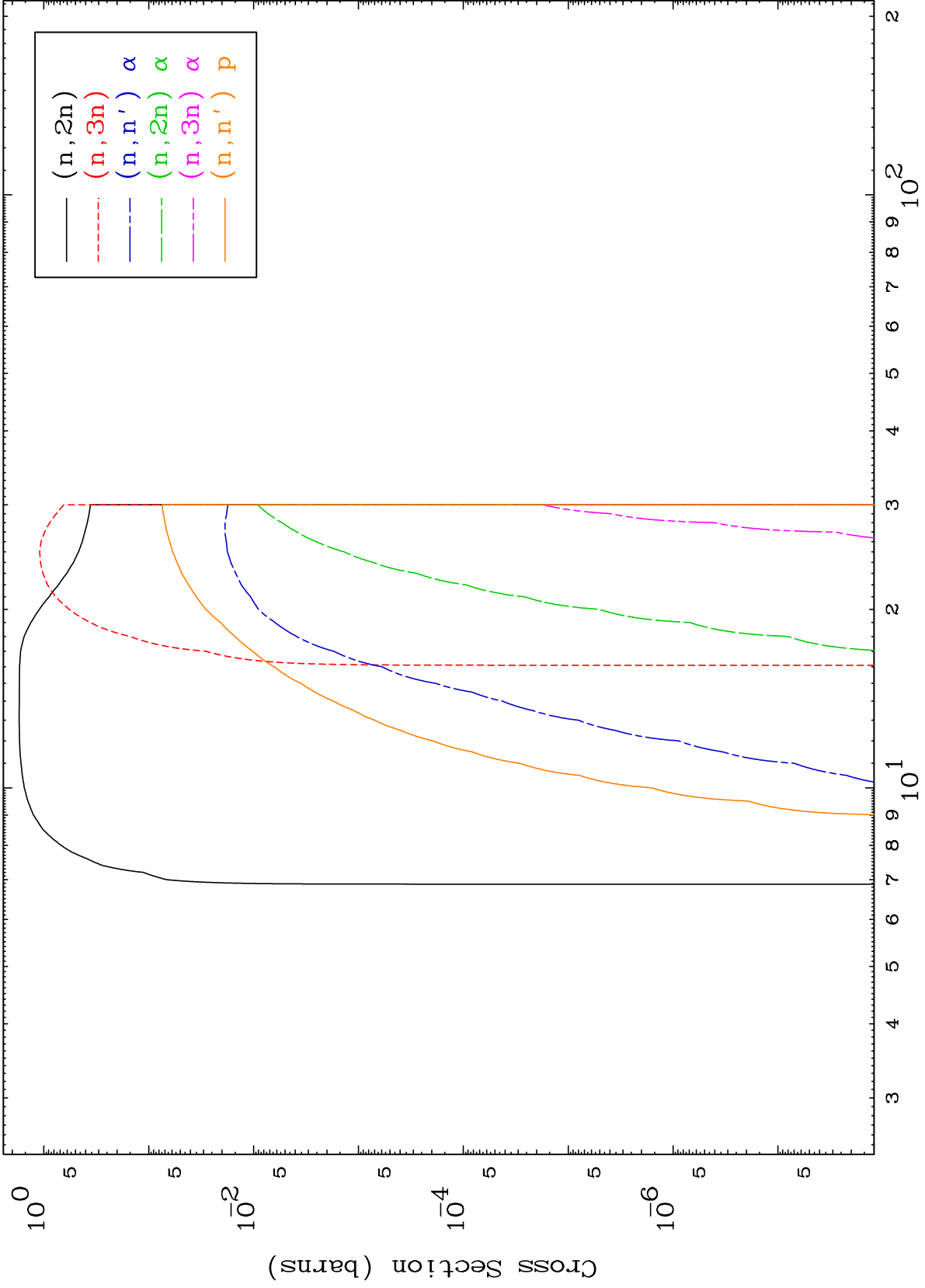
MAT 5328

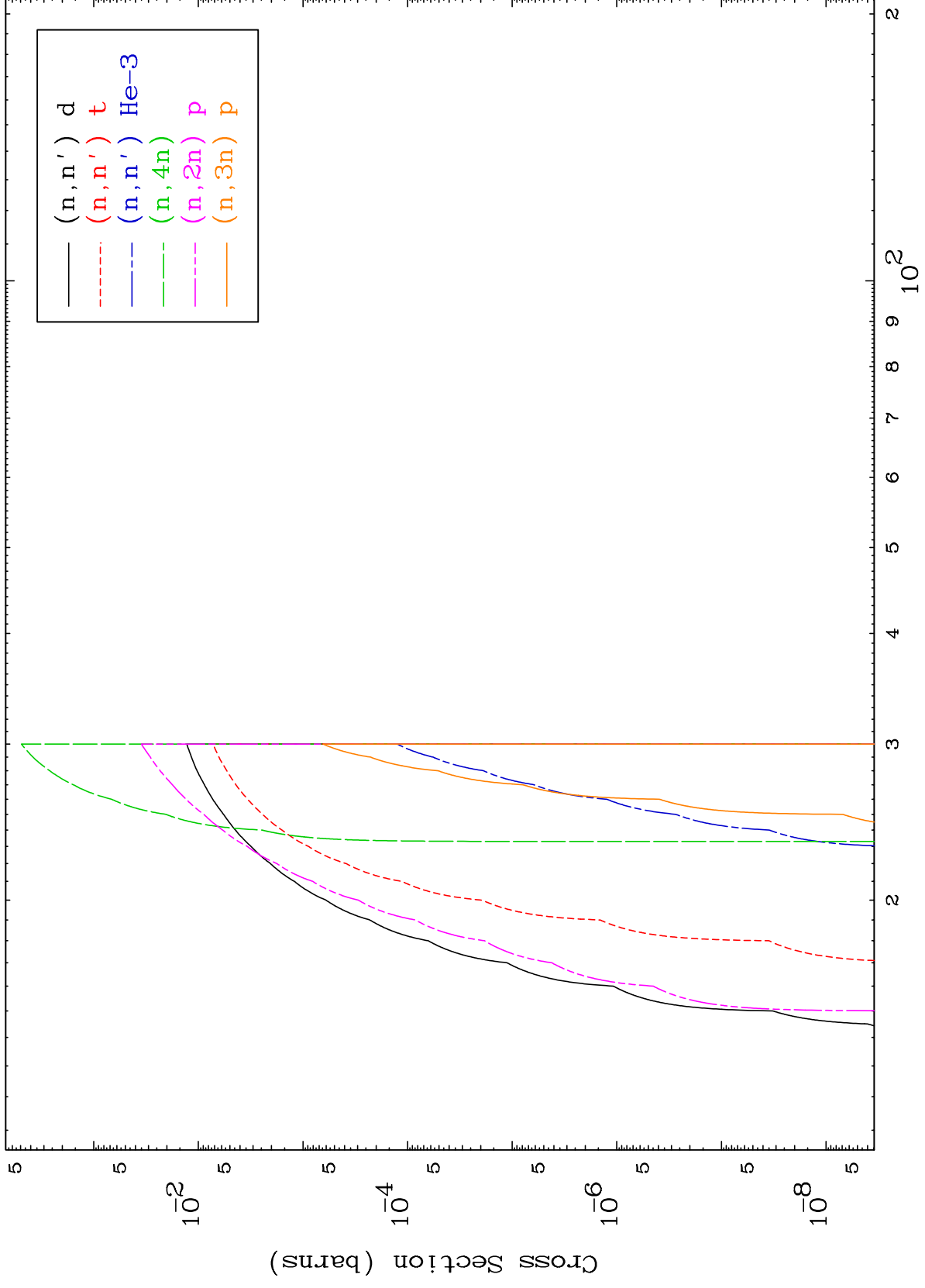
Major

293 Kelvin Cross Sections

53-I -128



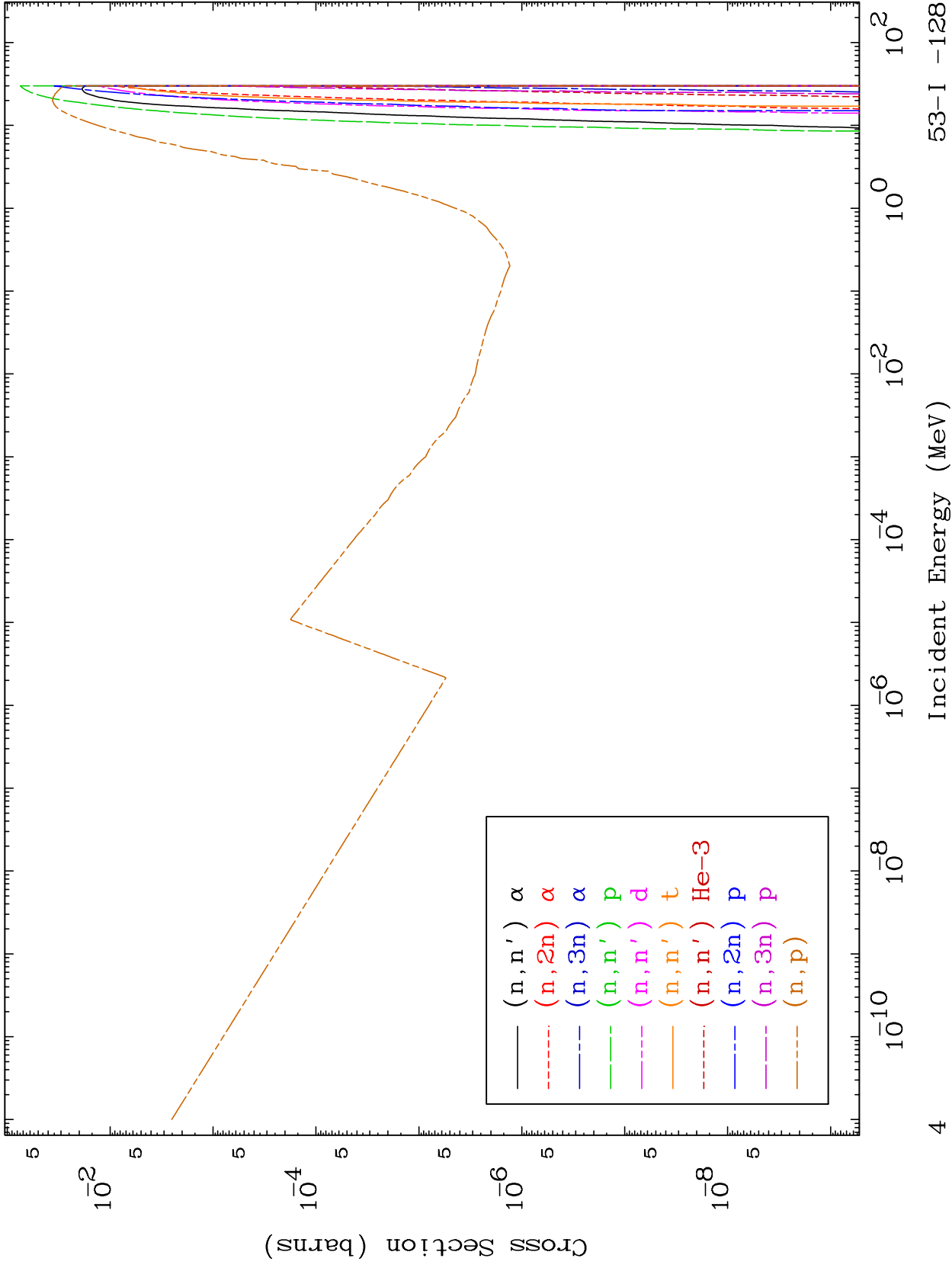


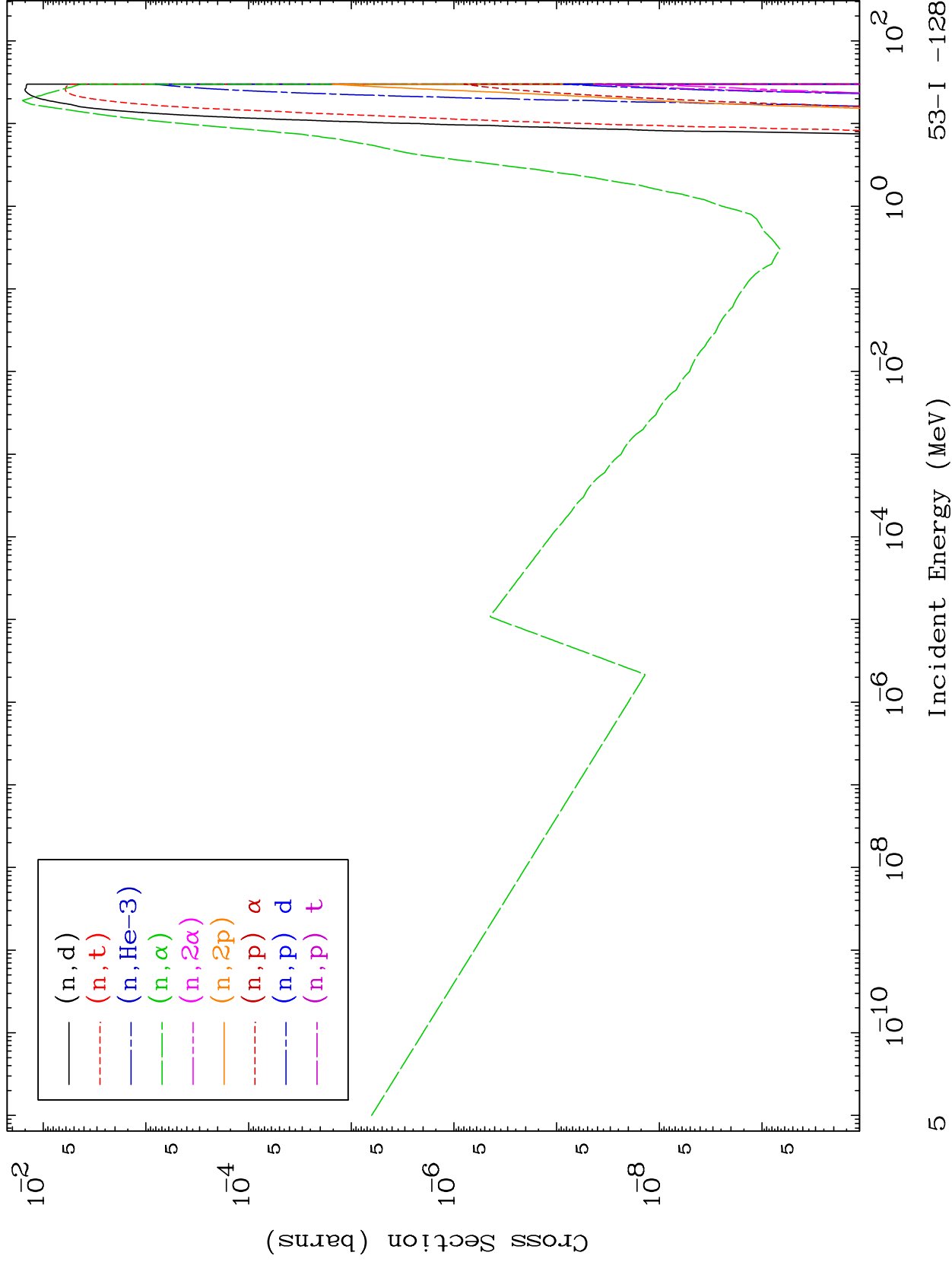


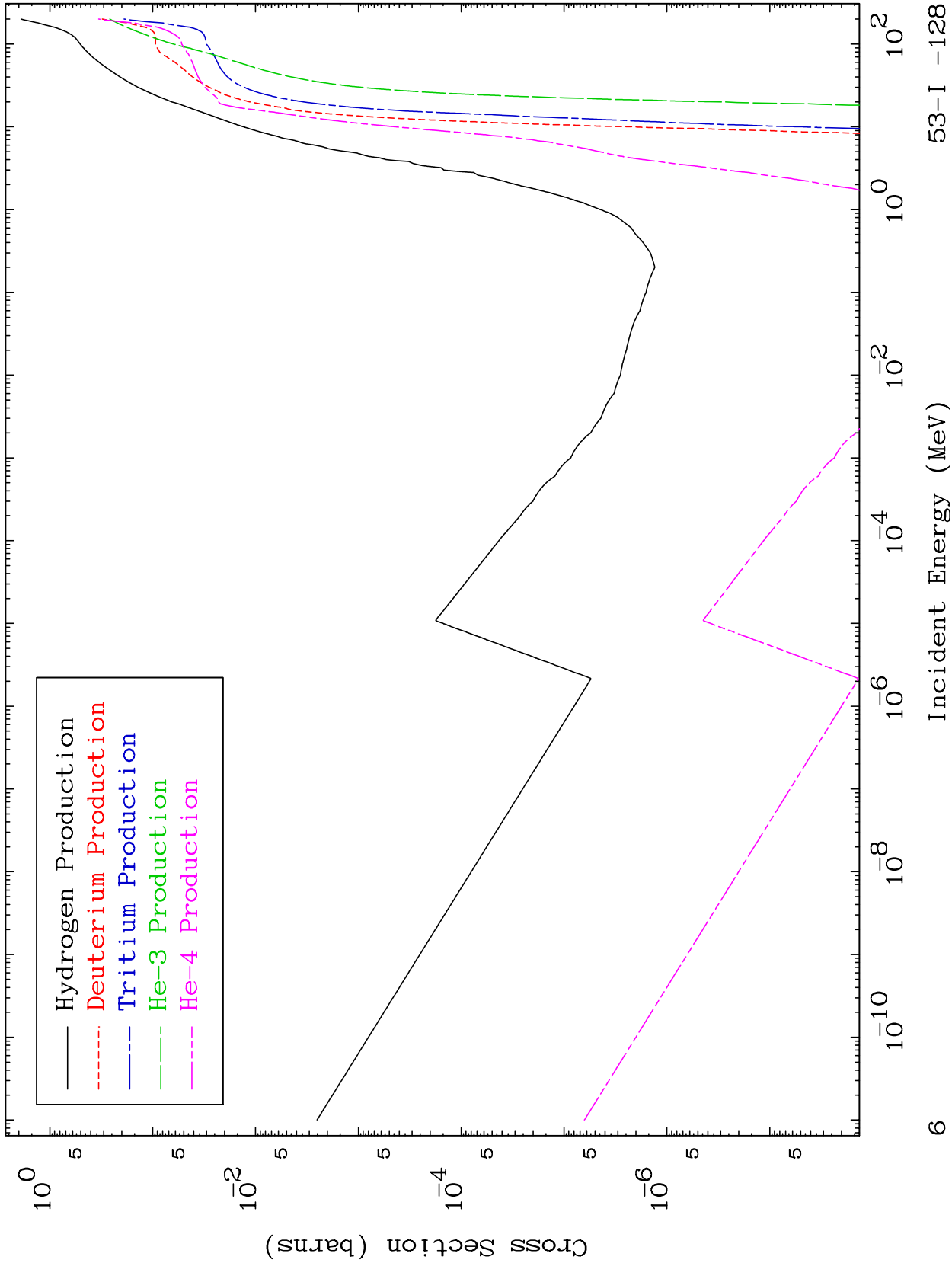
MAT 5328

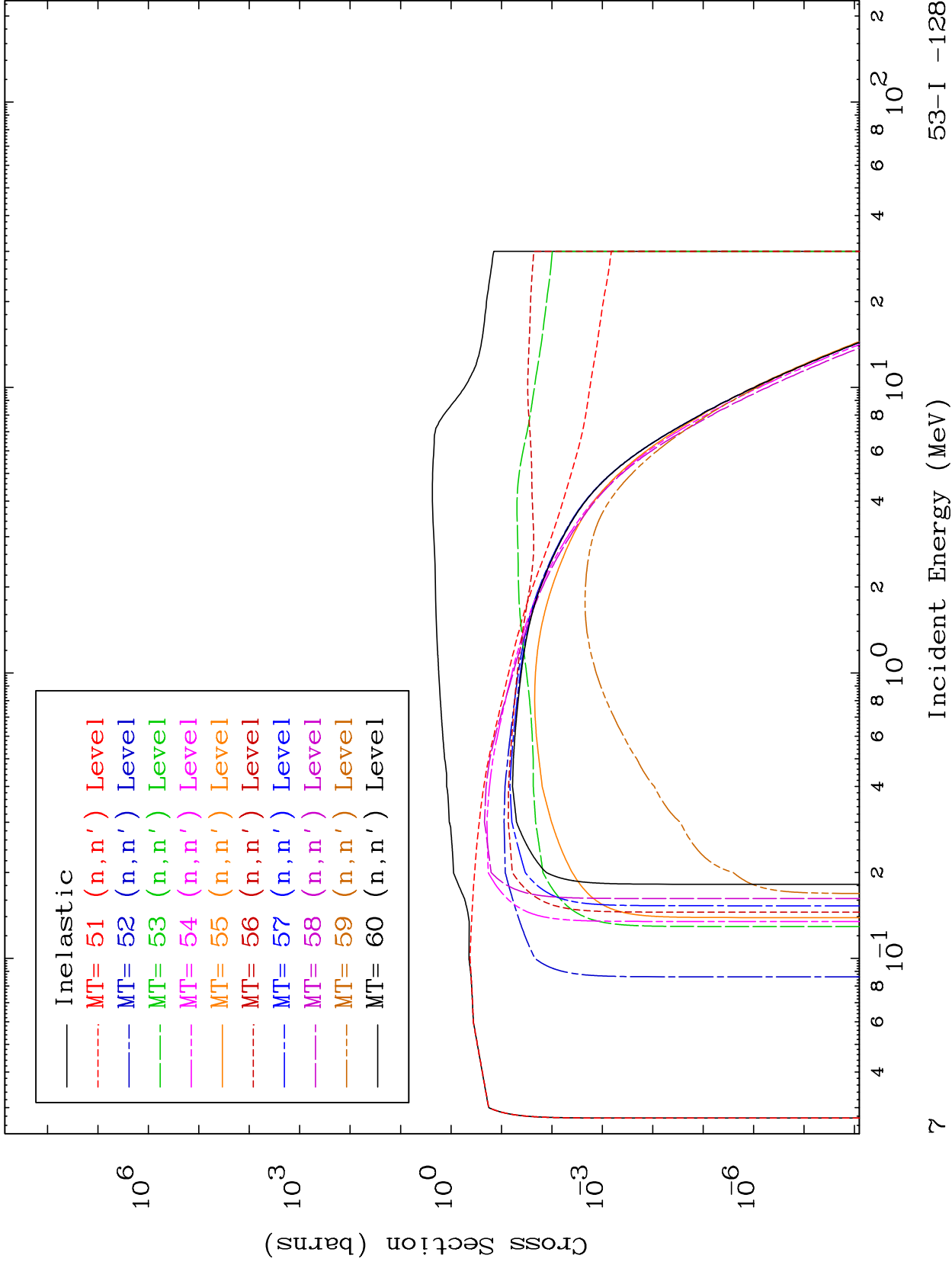
Charged Particle
293 Kelvin Cross Sections

53-I -128

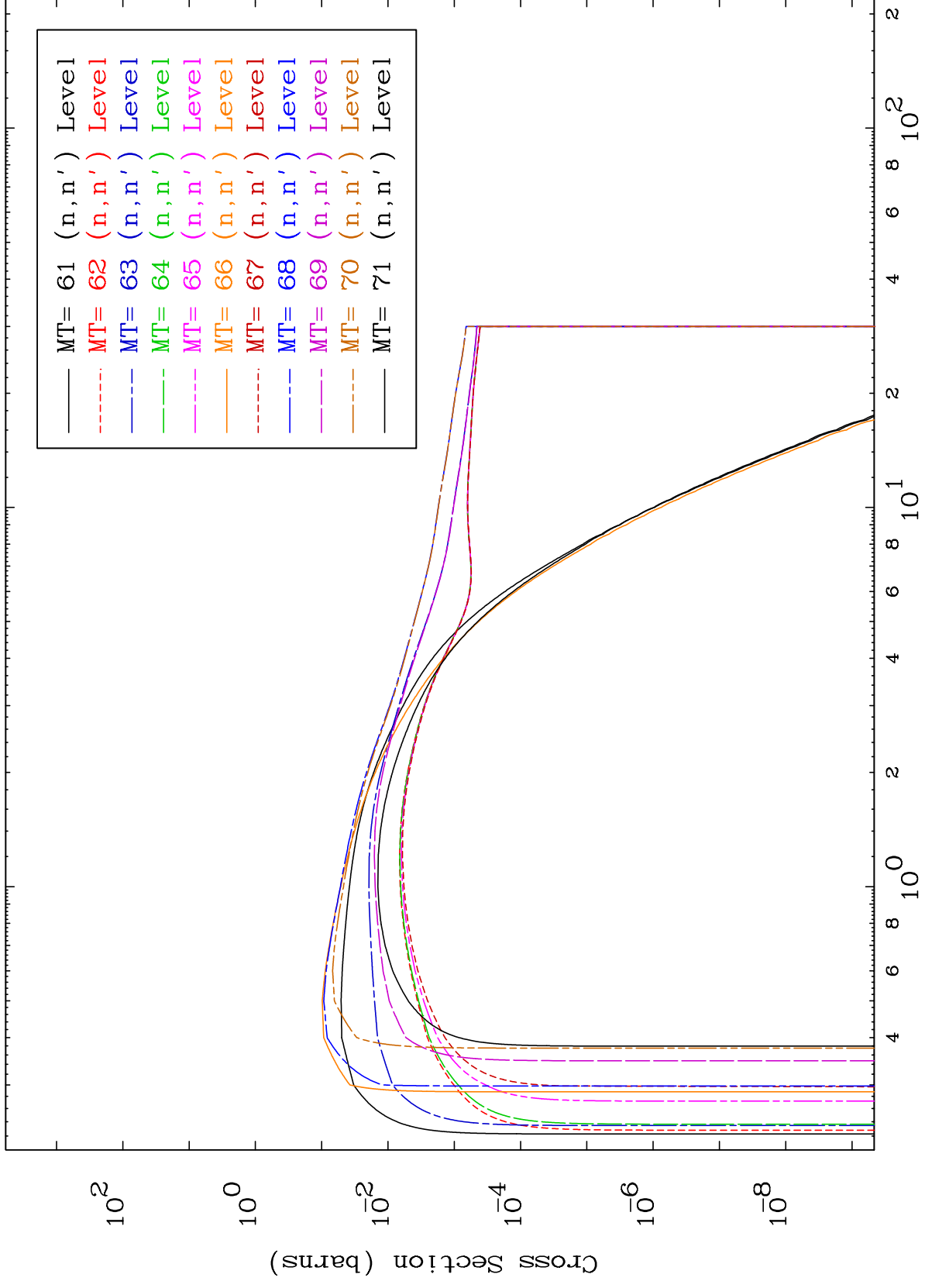




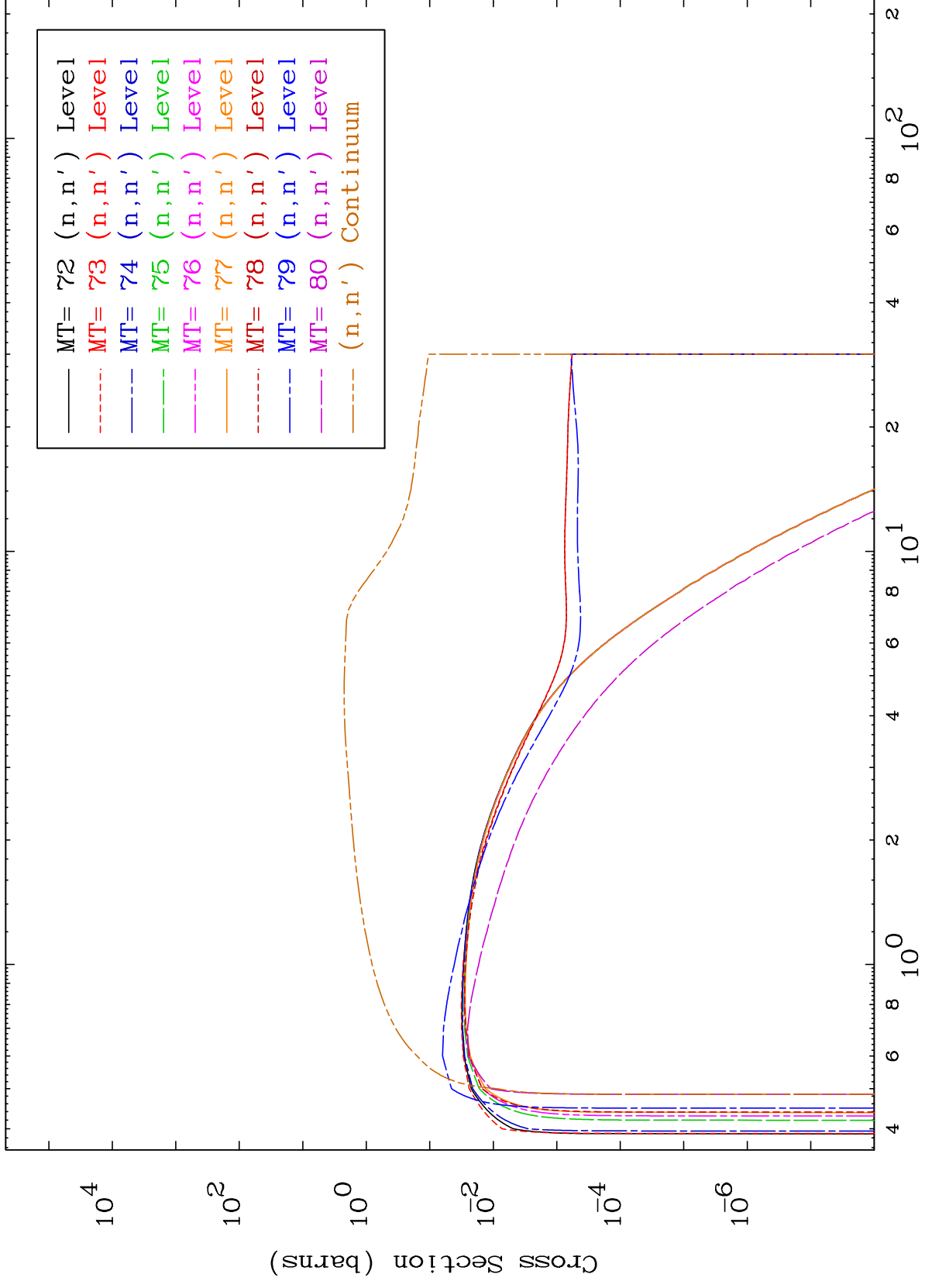




293 Kelvin Cross Sections



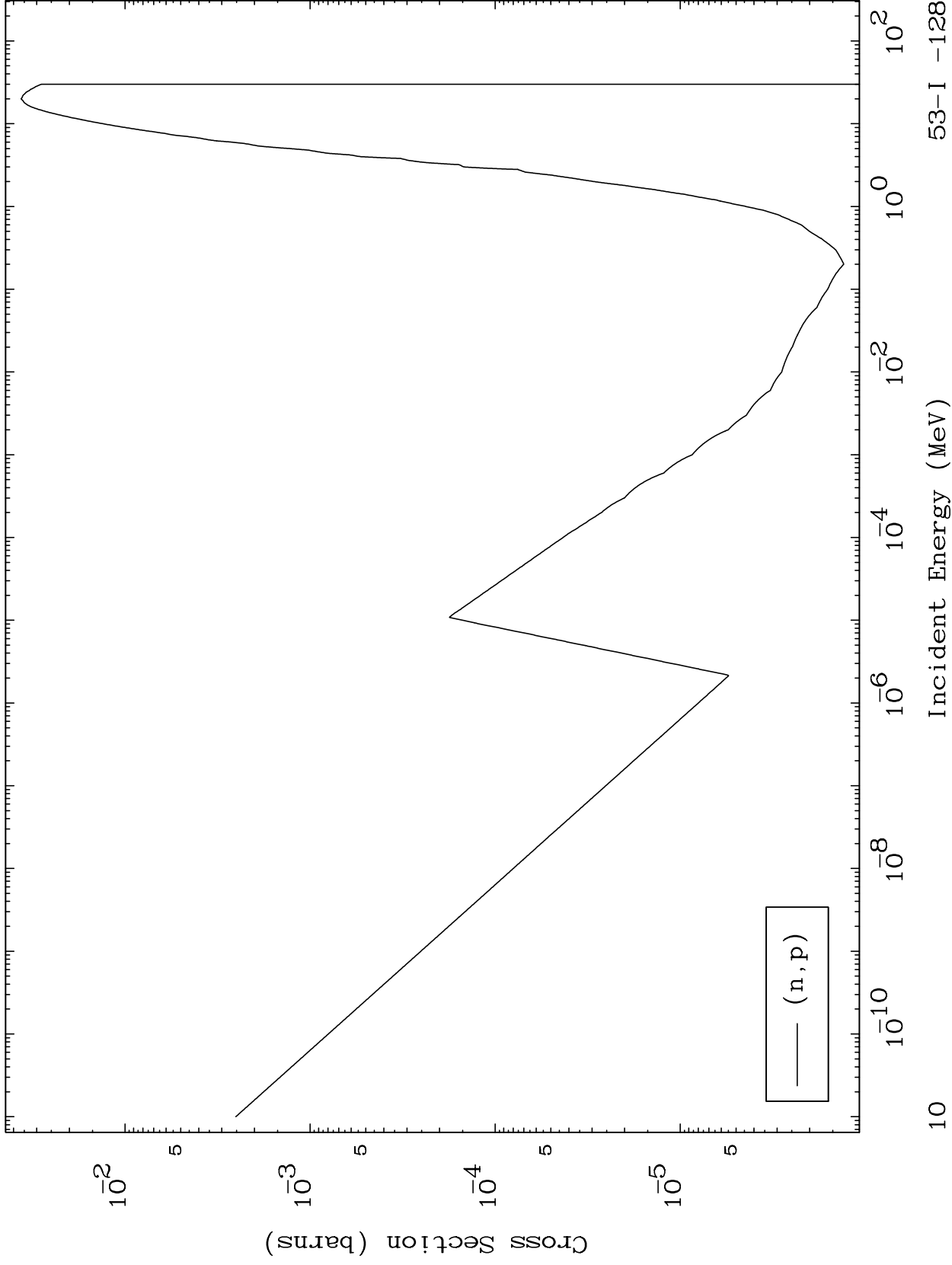
293 Kelvin Cross Sections

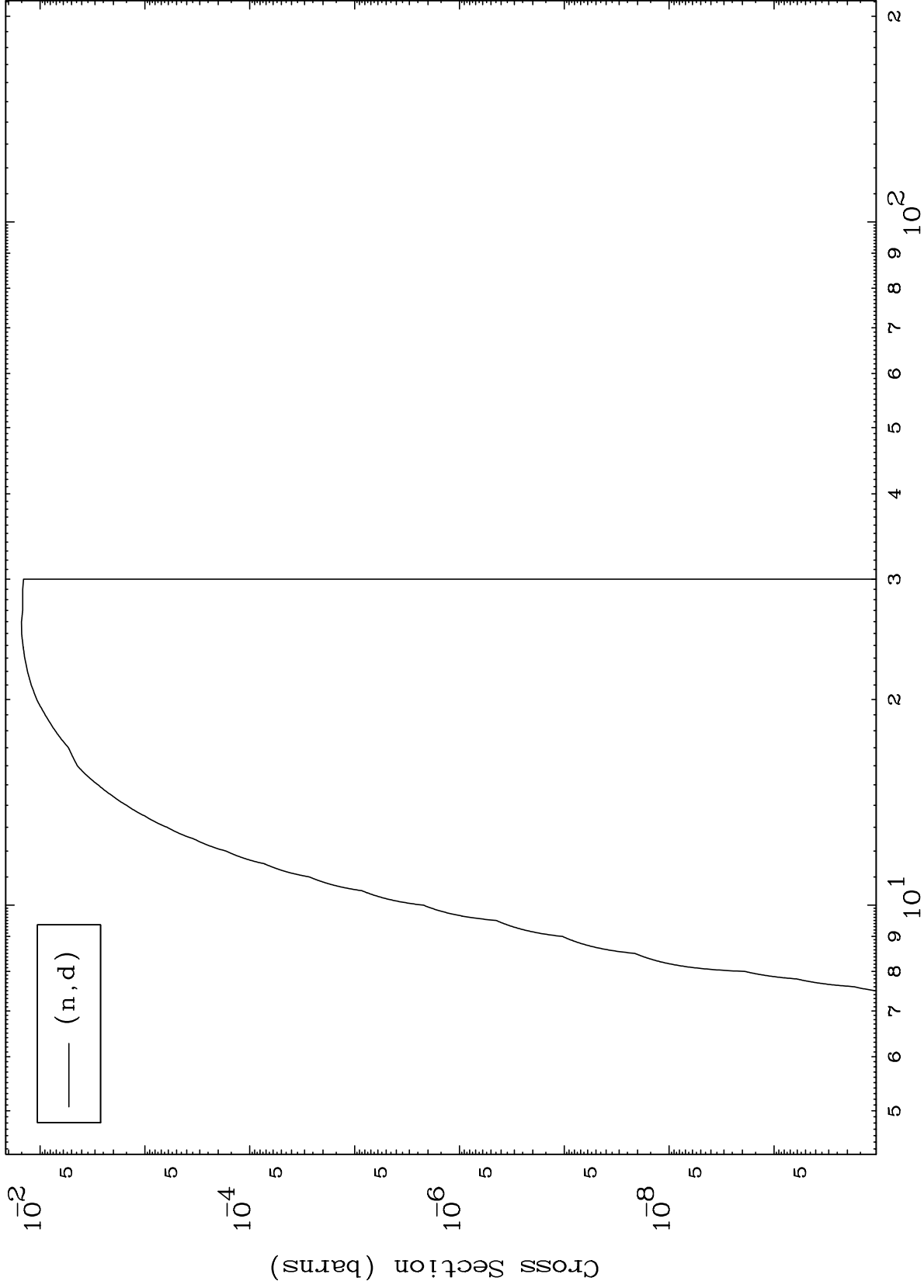


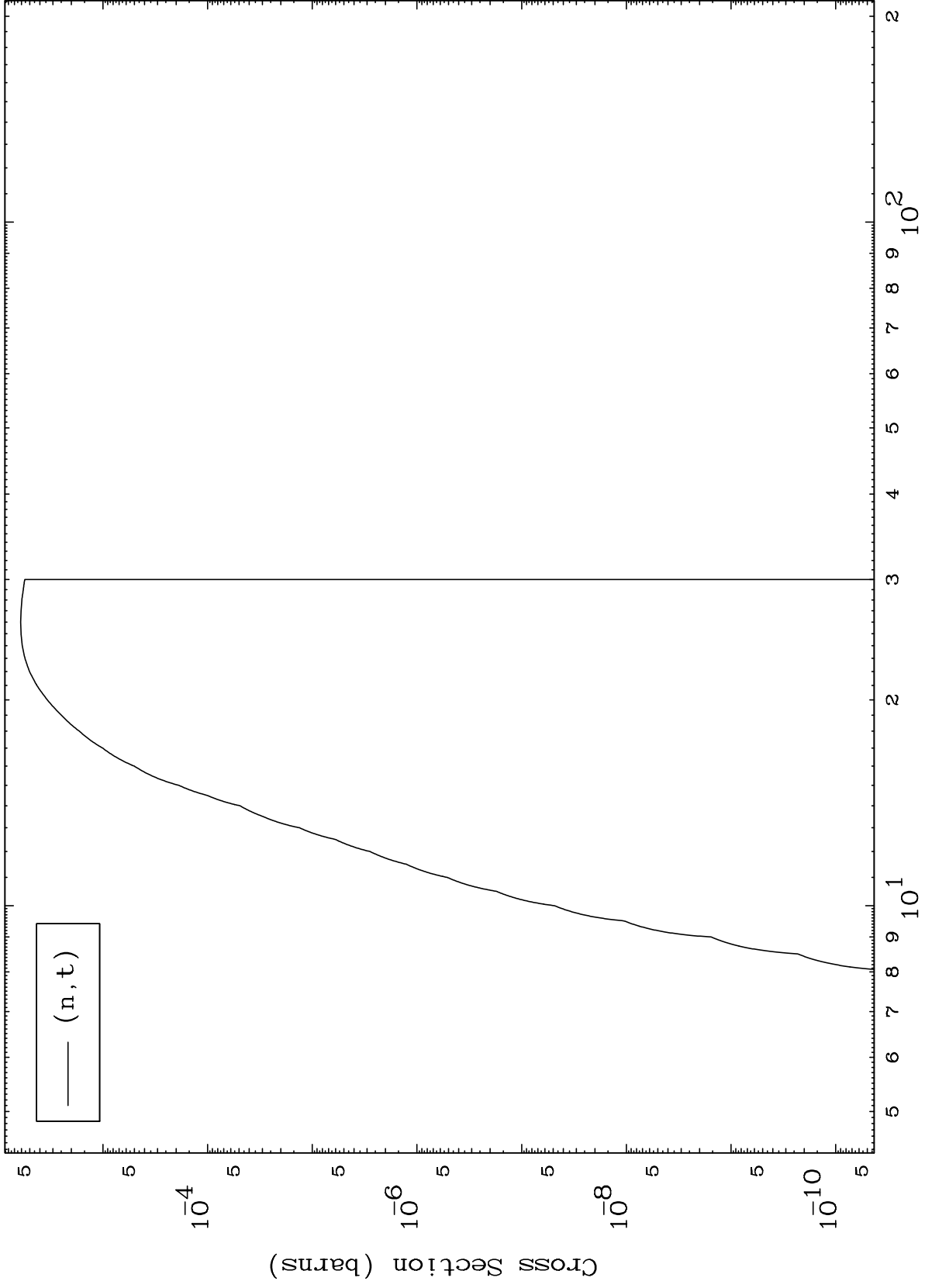
MAT 5328

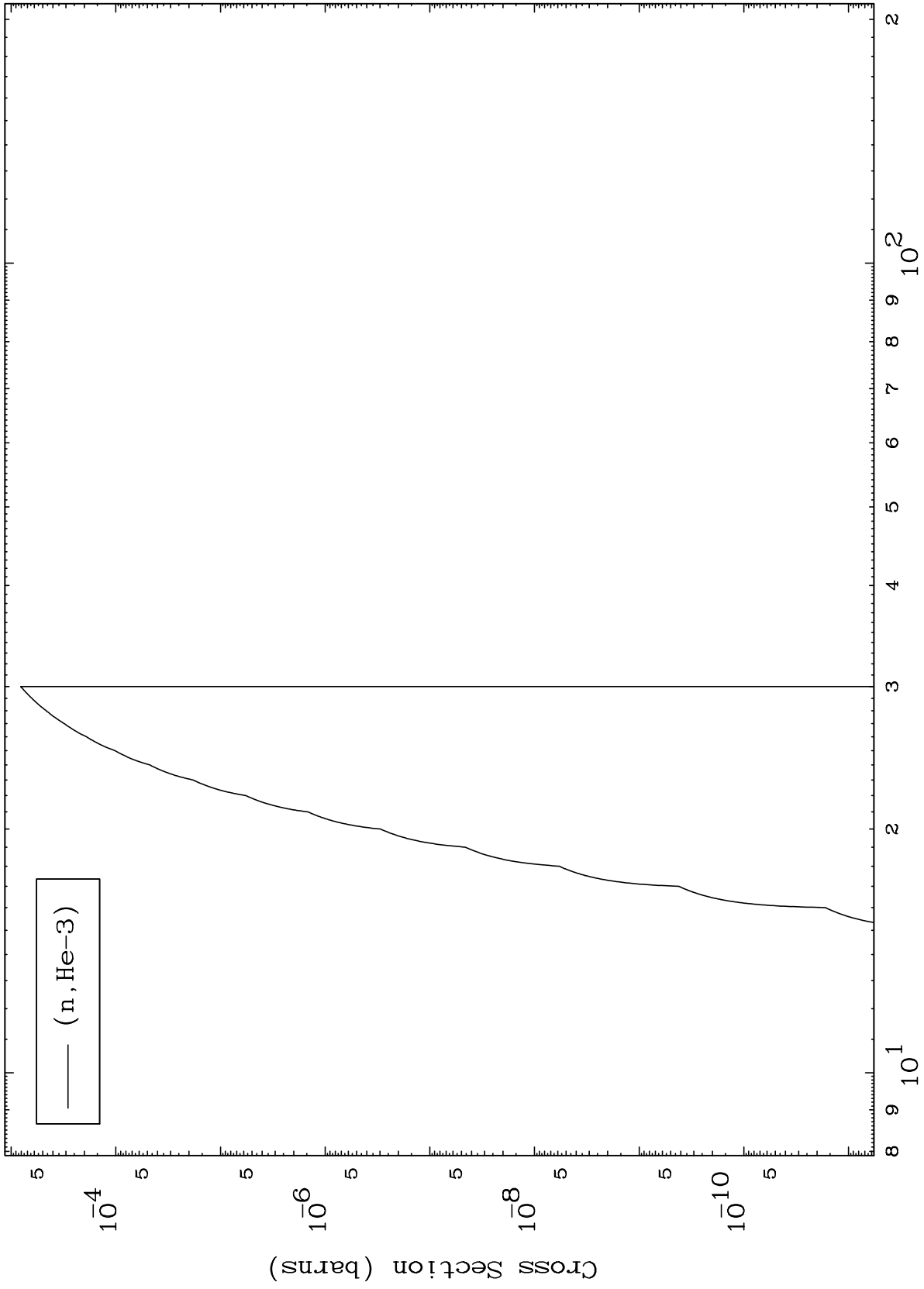
(n,p) Levels
293 Kelvin Cross Sections

53-I -128





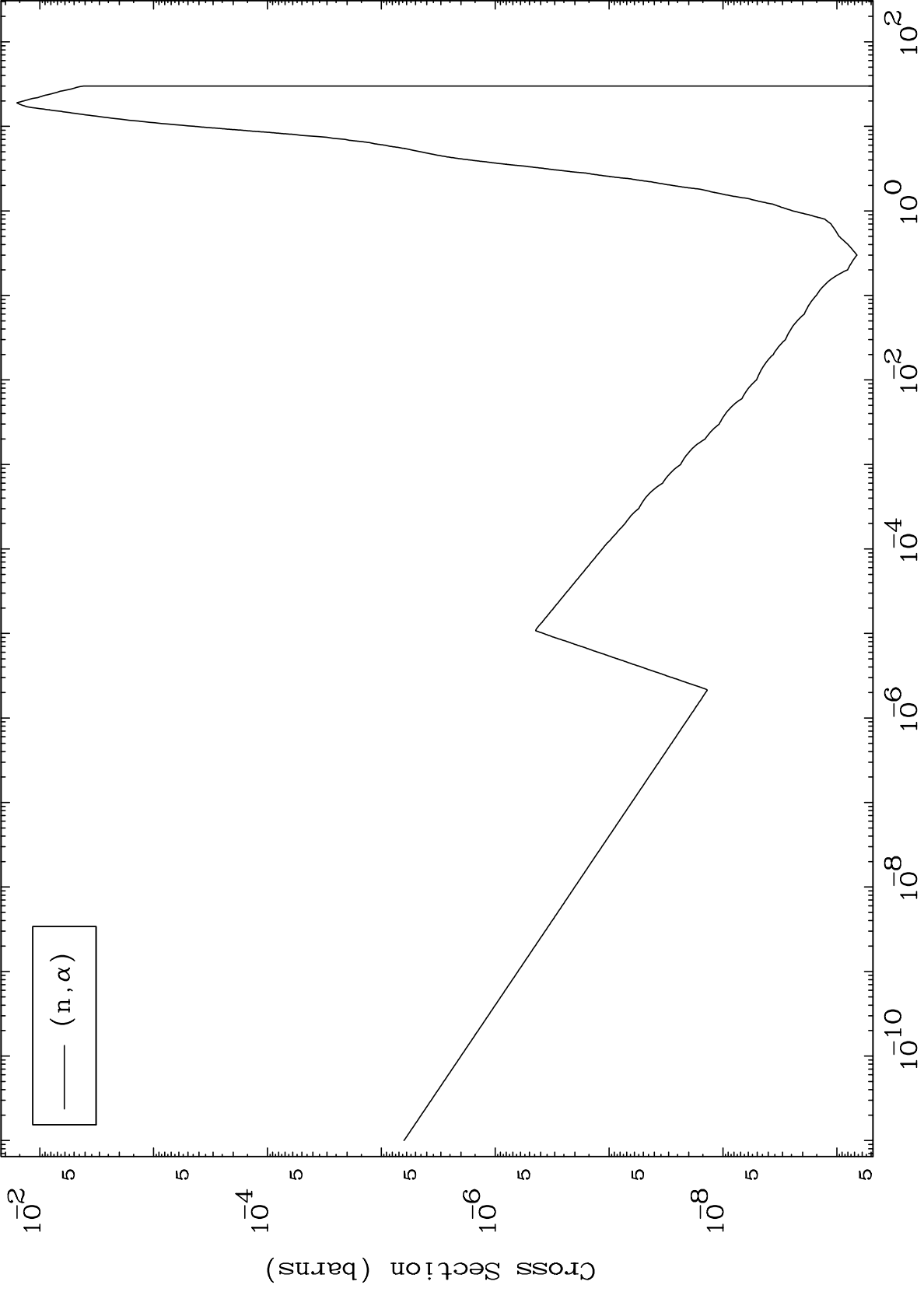




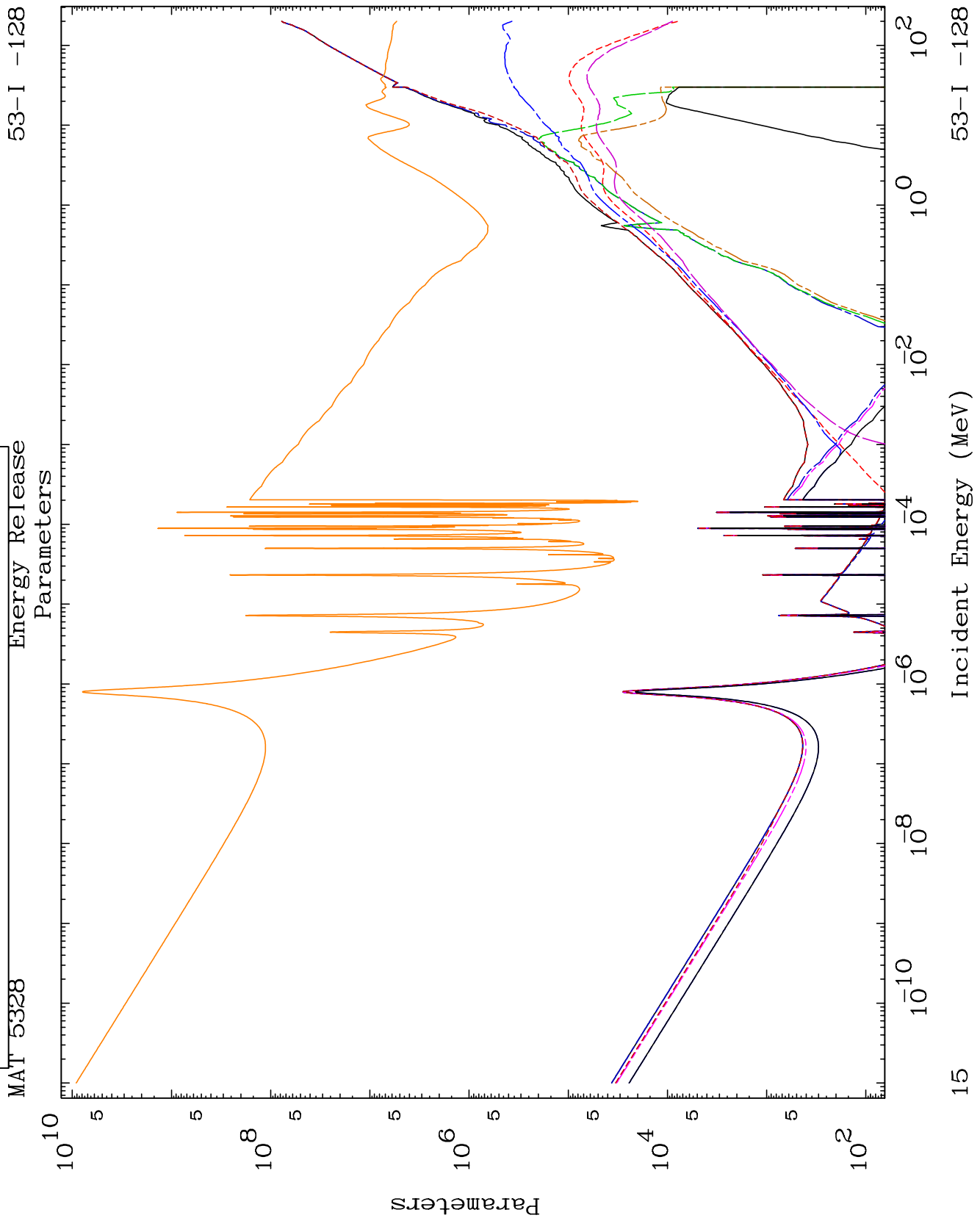
MAT 5328

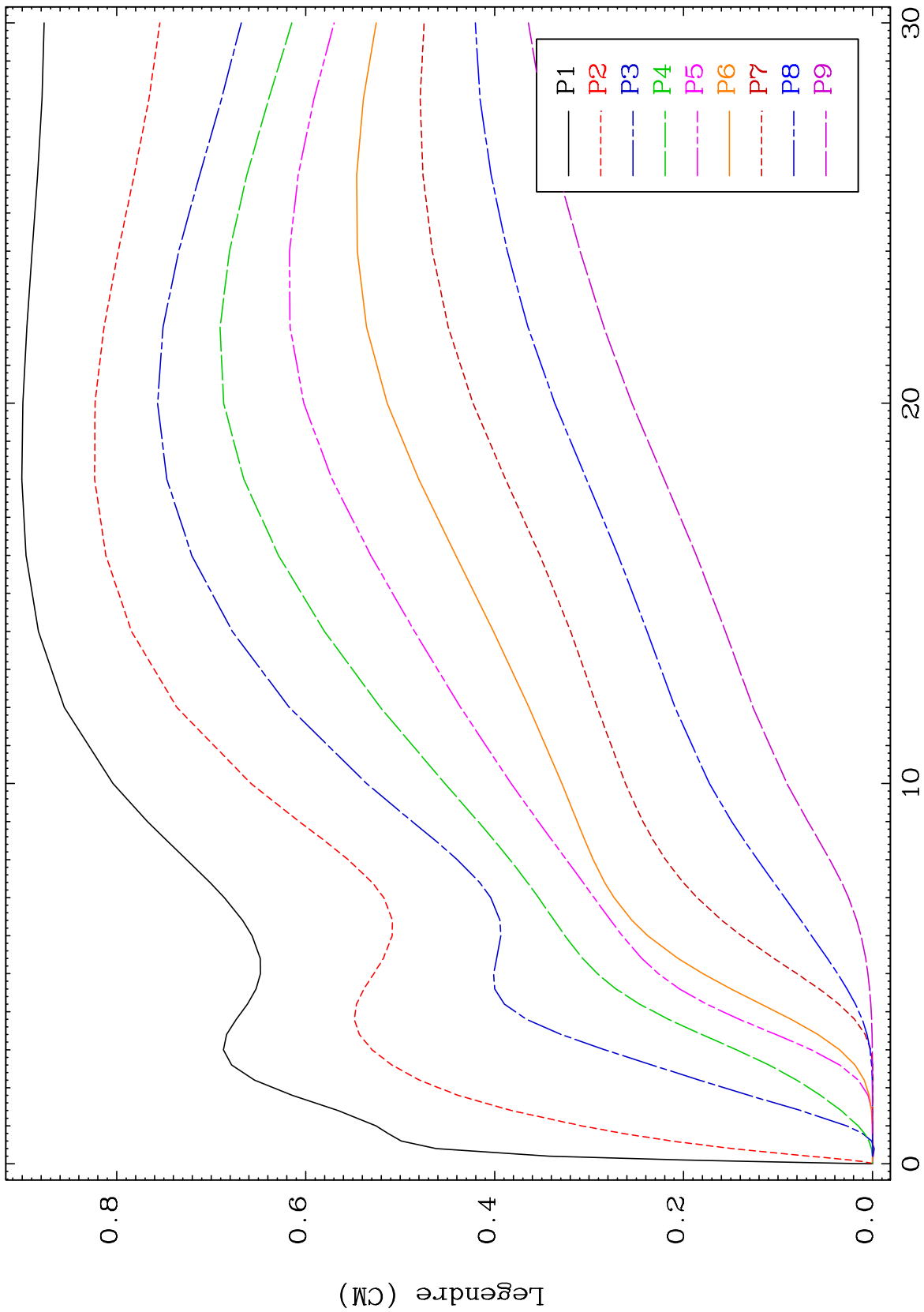
(n, α) Levels
293 Kelvin Cross Sections

53-I -128

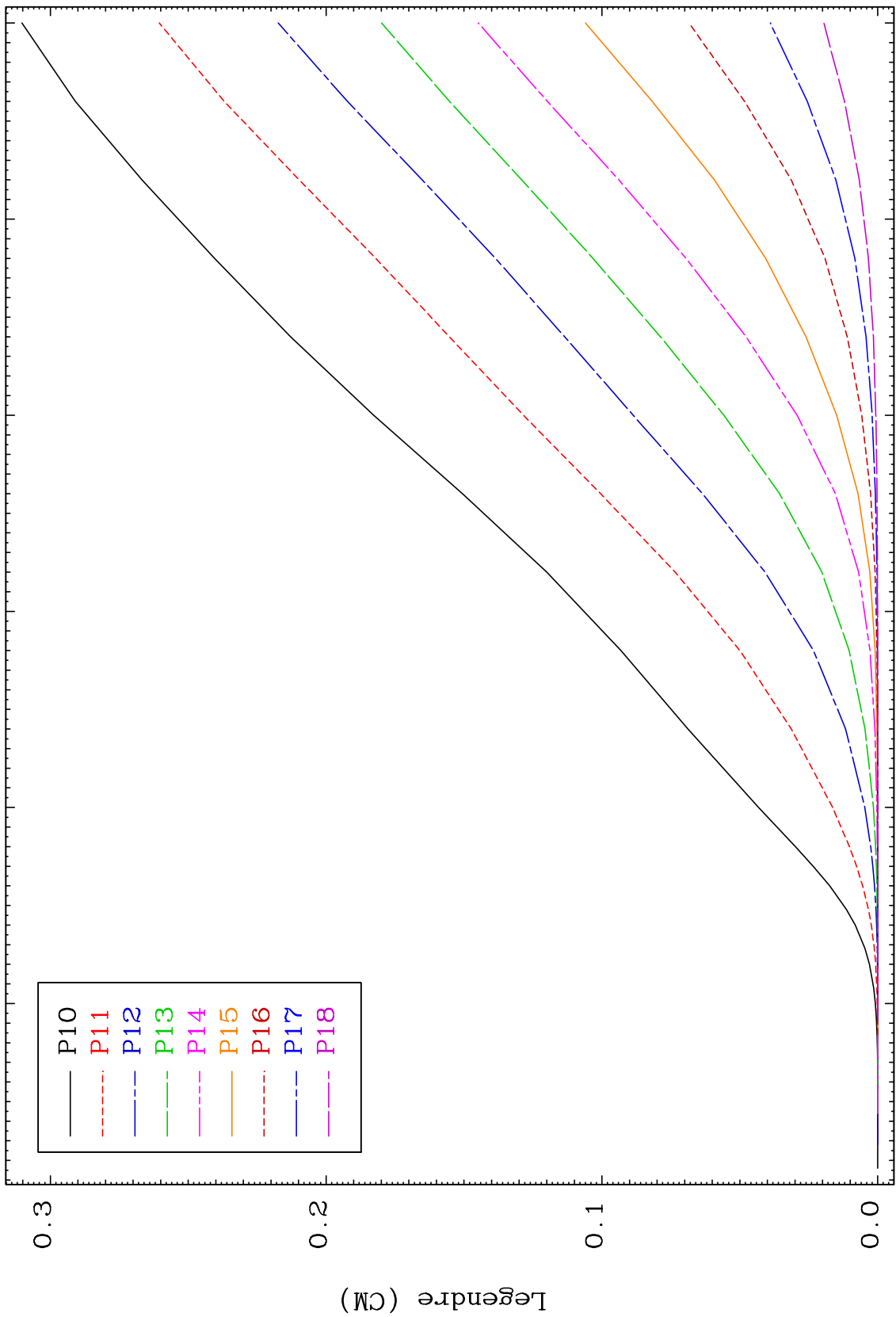


--- Dpa elastic (mt2)
 - - - Dpa inelastic (mt51-91)
 — Dpa disappearance (mt102 -120)





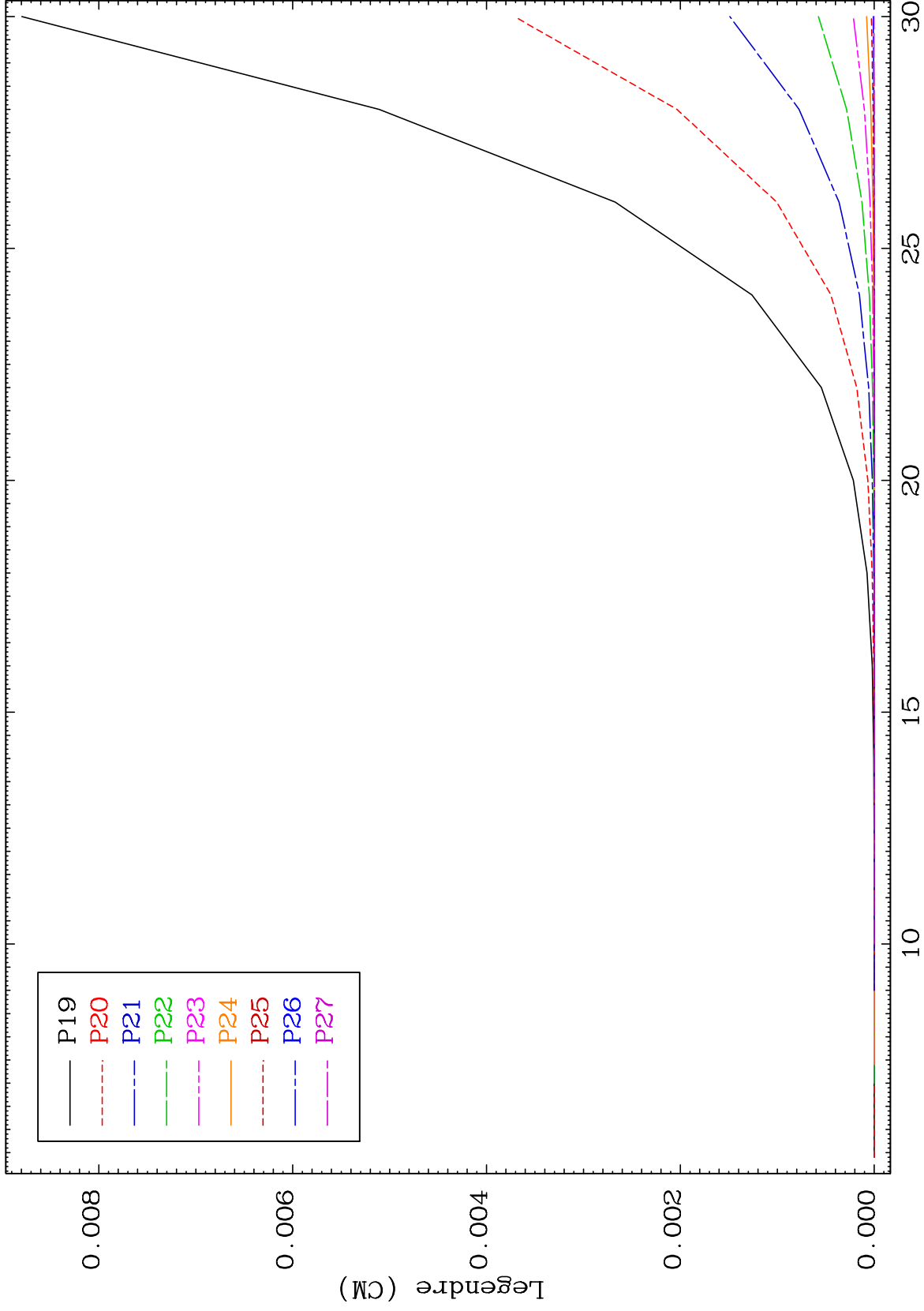
Elastic Legendre Coefficients



MAT 5328

Elastic Legendre Coefficients

53-I -128



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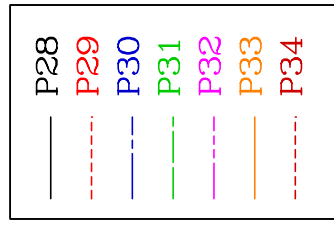
Incident Energy (MeV)

53-I -128

MAT 5328

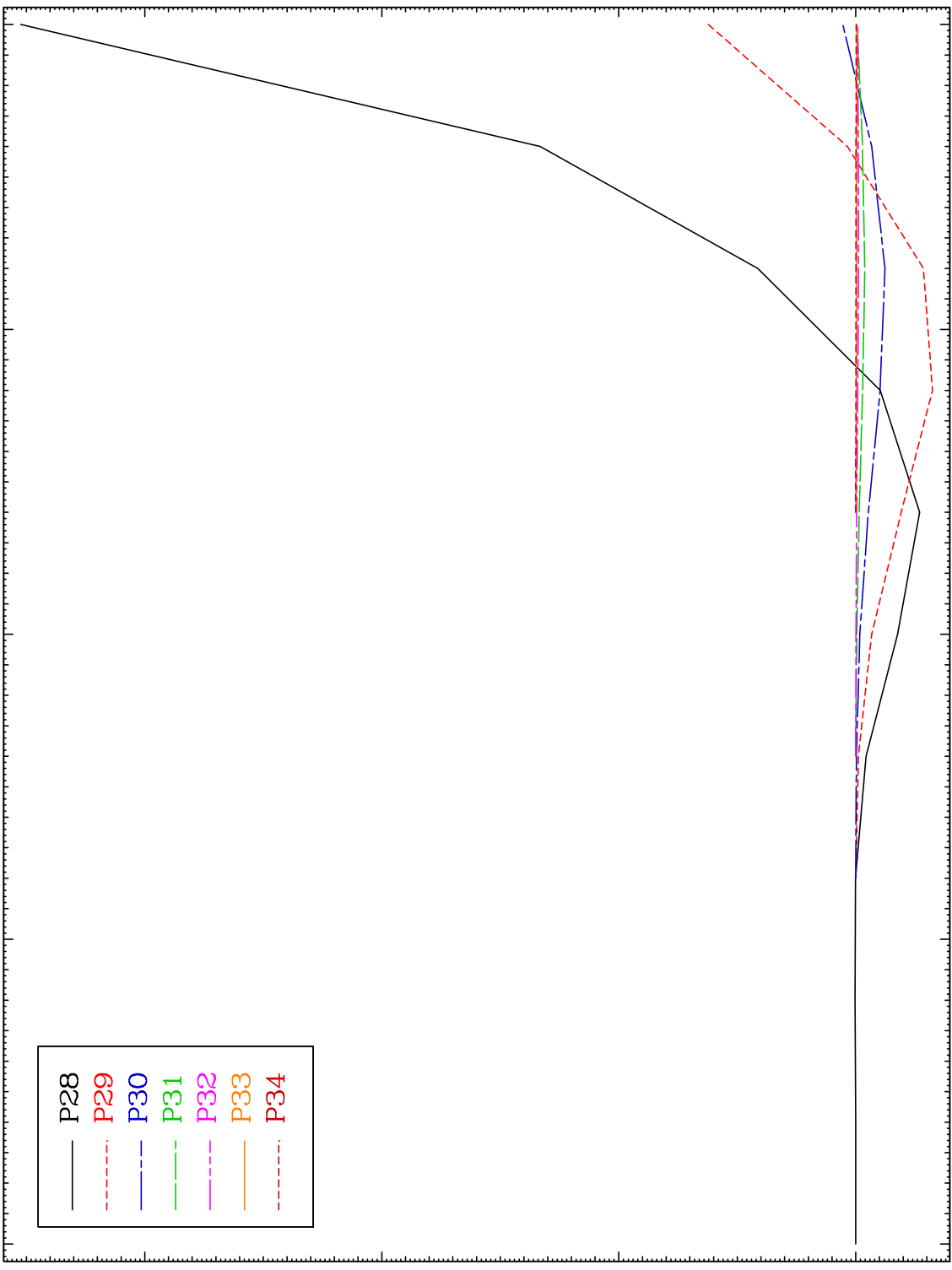
Elastic Legendre Coefficients

53-I -128



$\times 10^{-7}$

Legendre (CM)



15

20

25

30

19

Incident Energy (MeV)

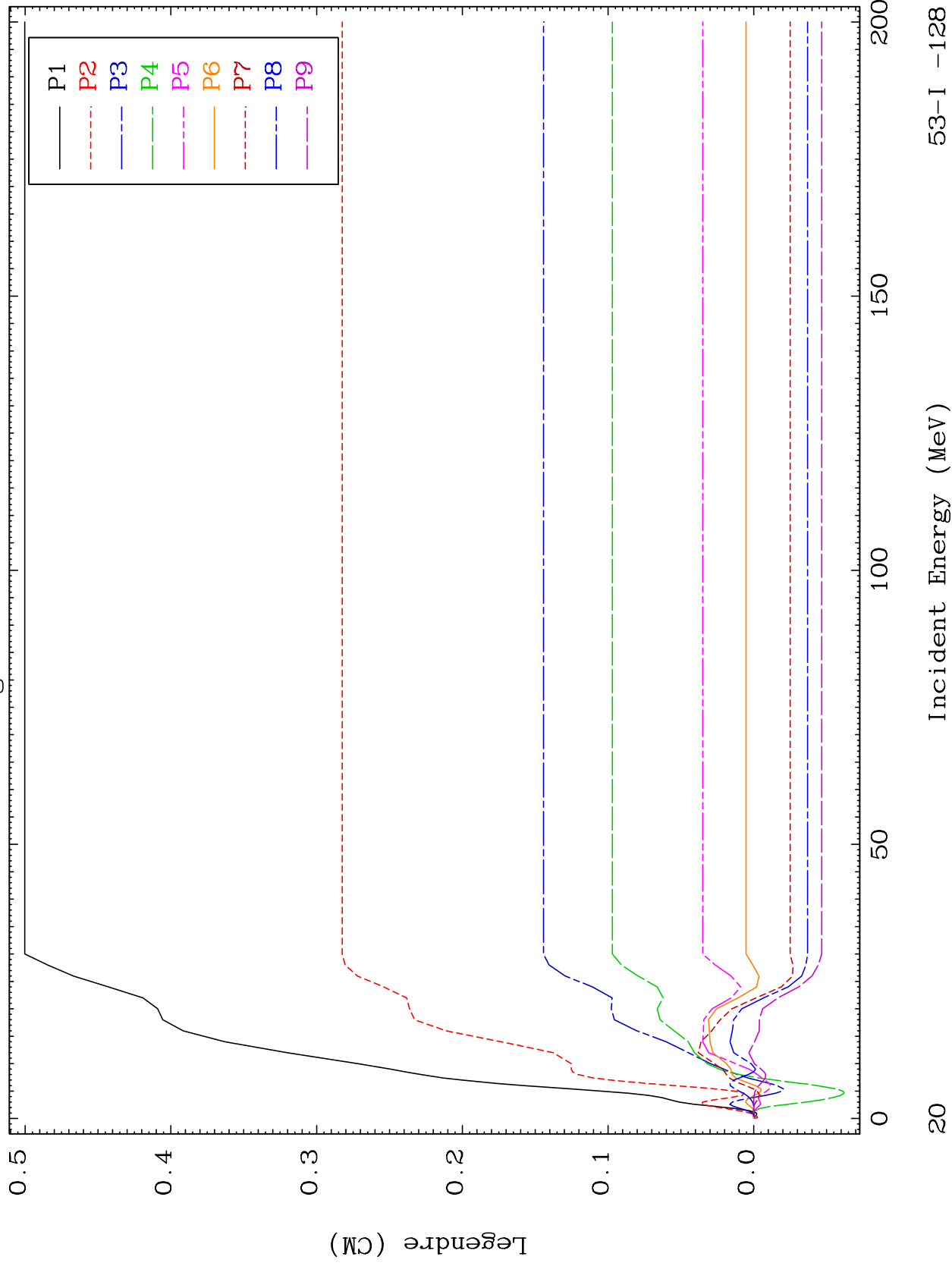
53-I -128

MAT 5328

MT= 51 (n,n') Level

53-I -128

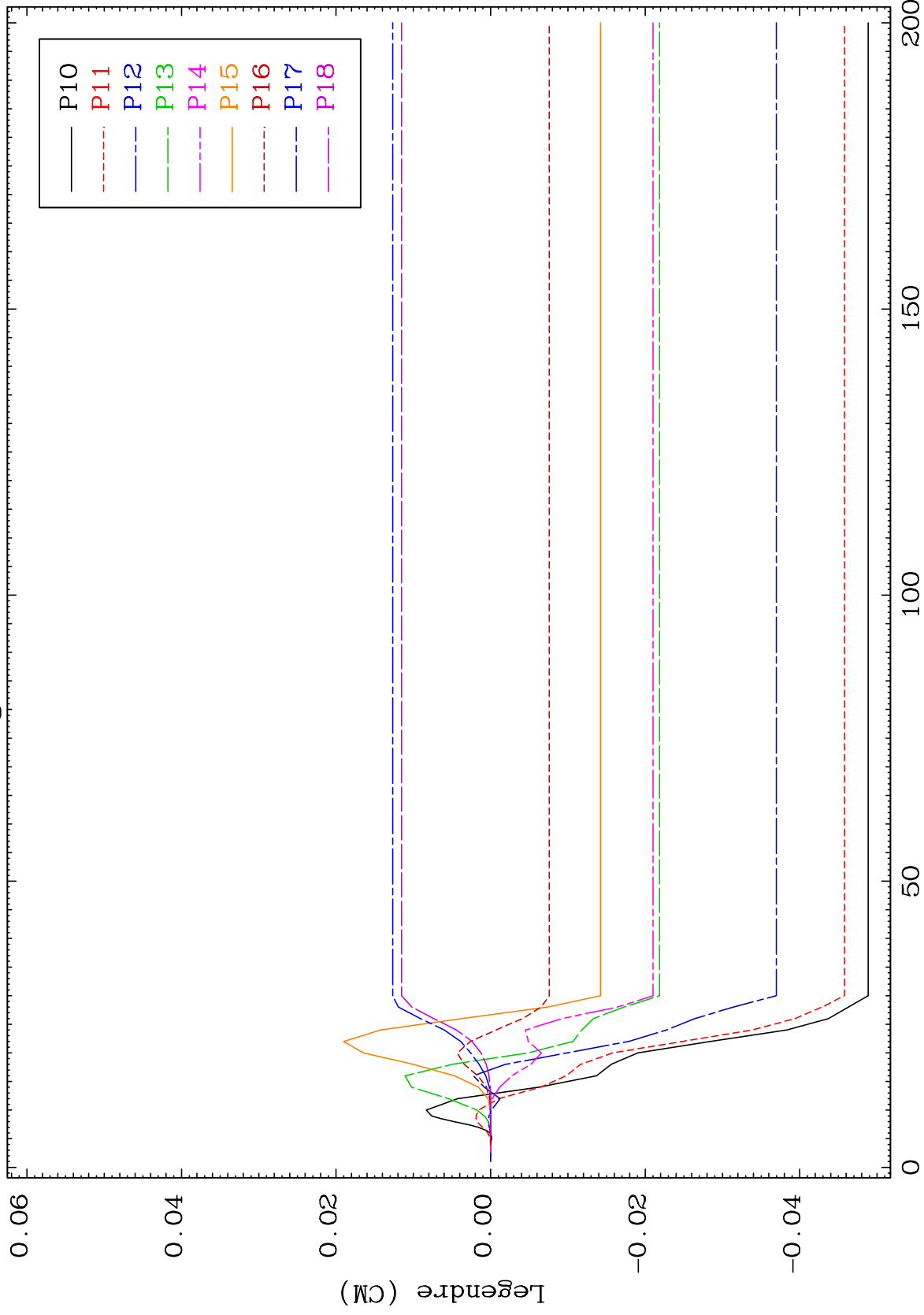
Legendre Coefficients



MAT 5328

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

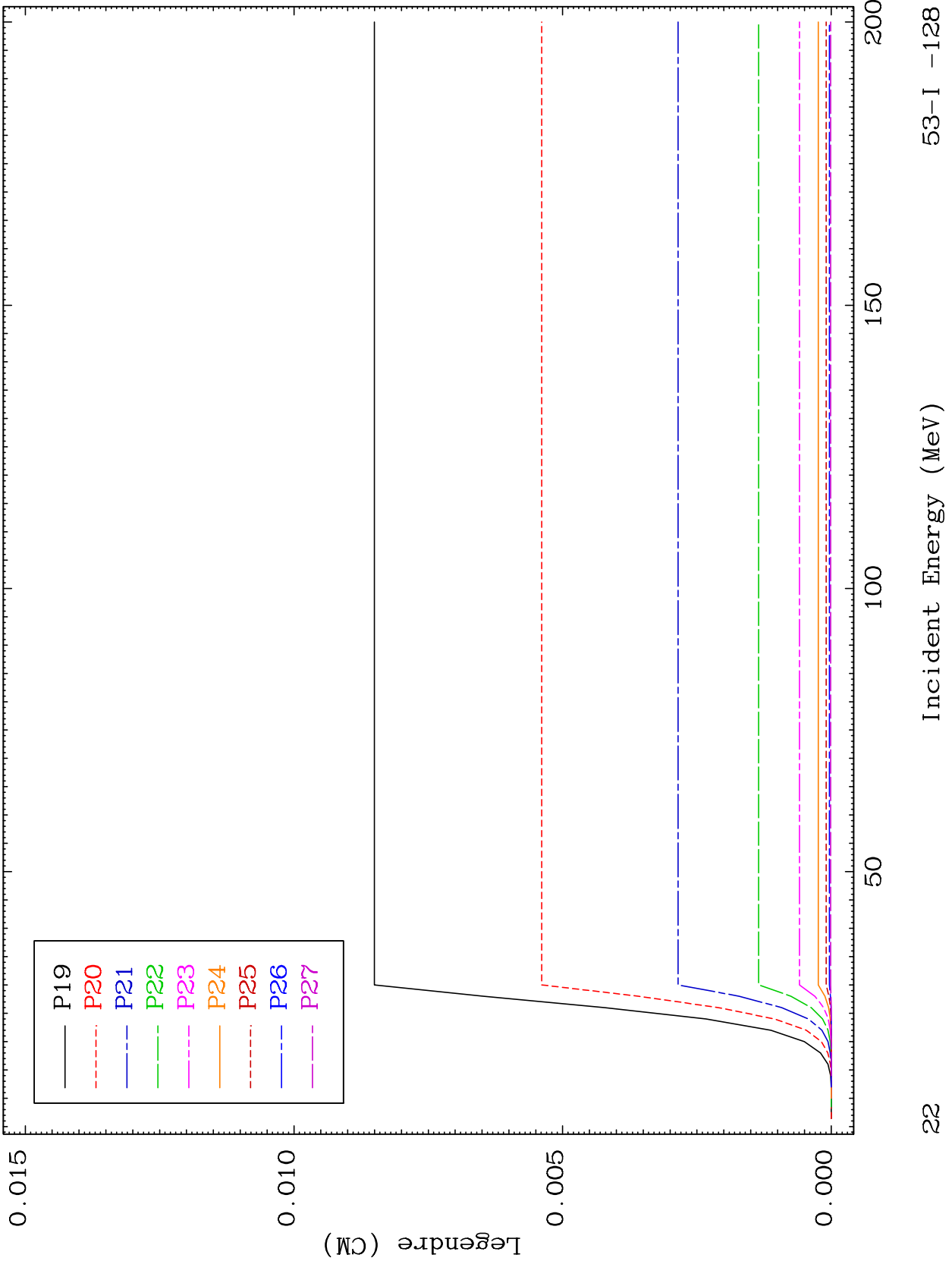
53-I -128

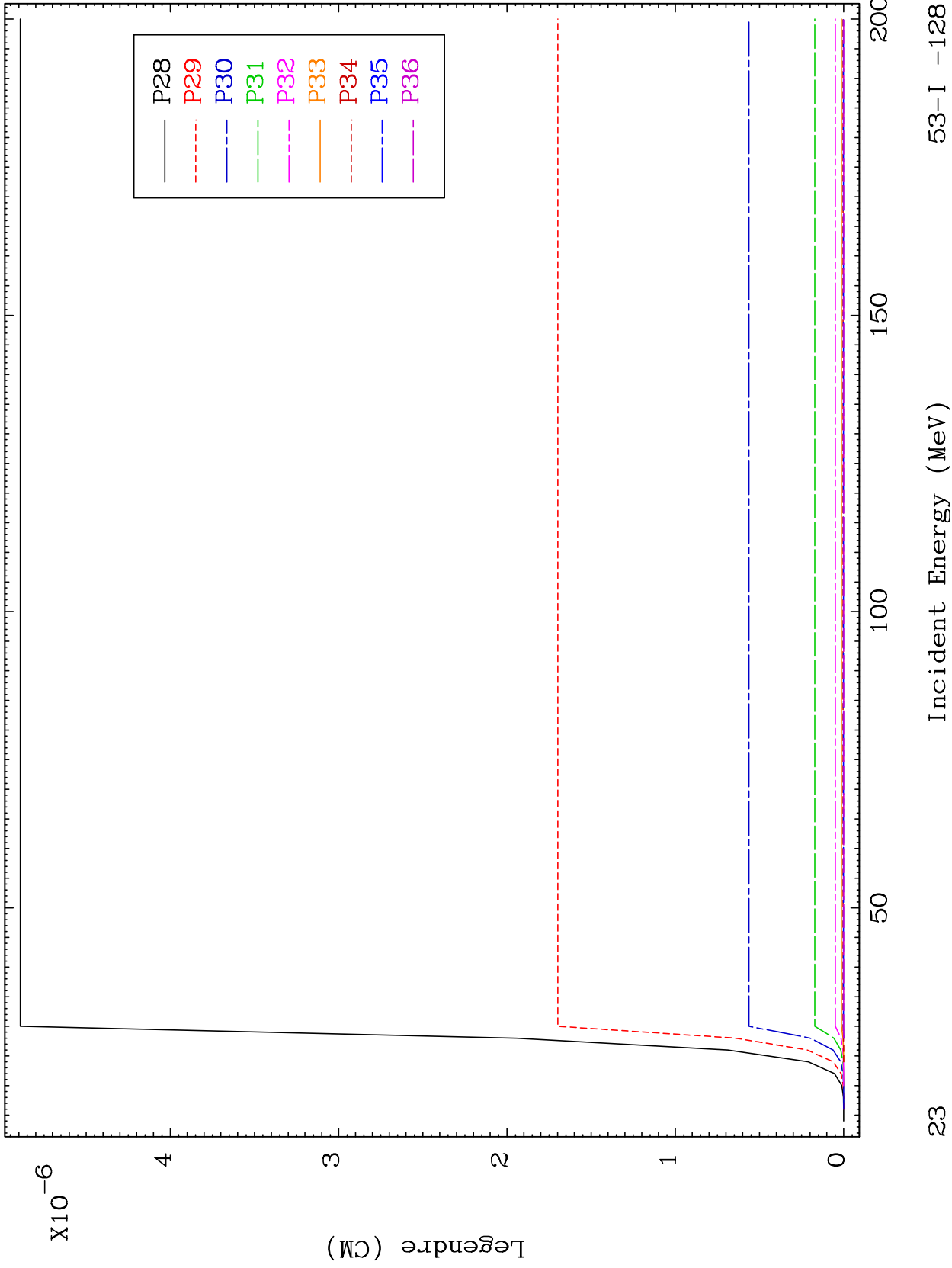


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Incident Energy (MeV)

53-I -128

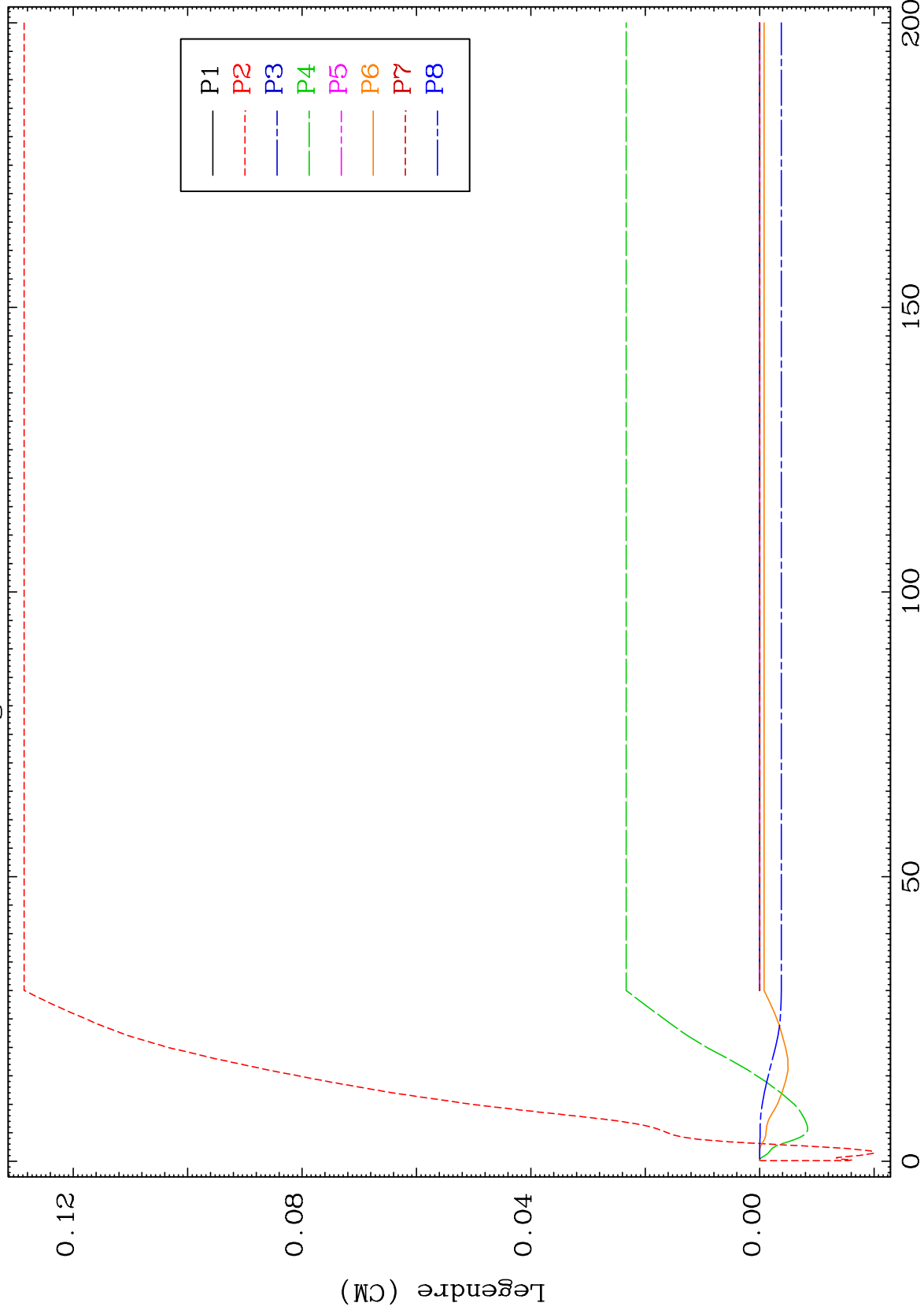




MAT 5328

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

53-I -128



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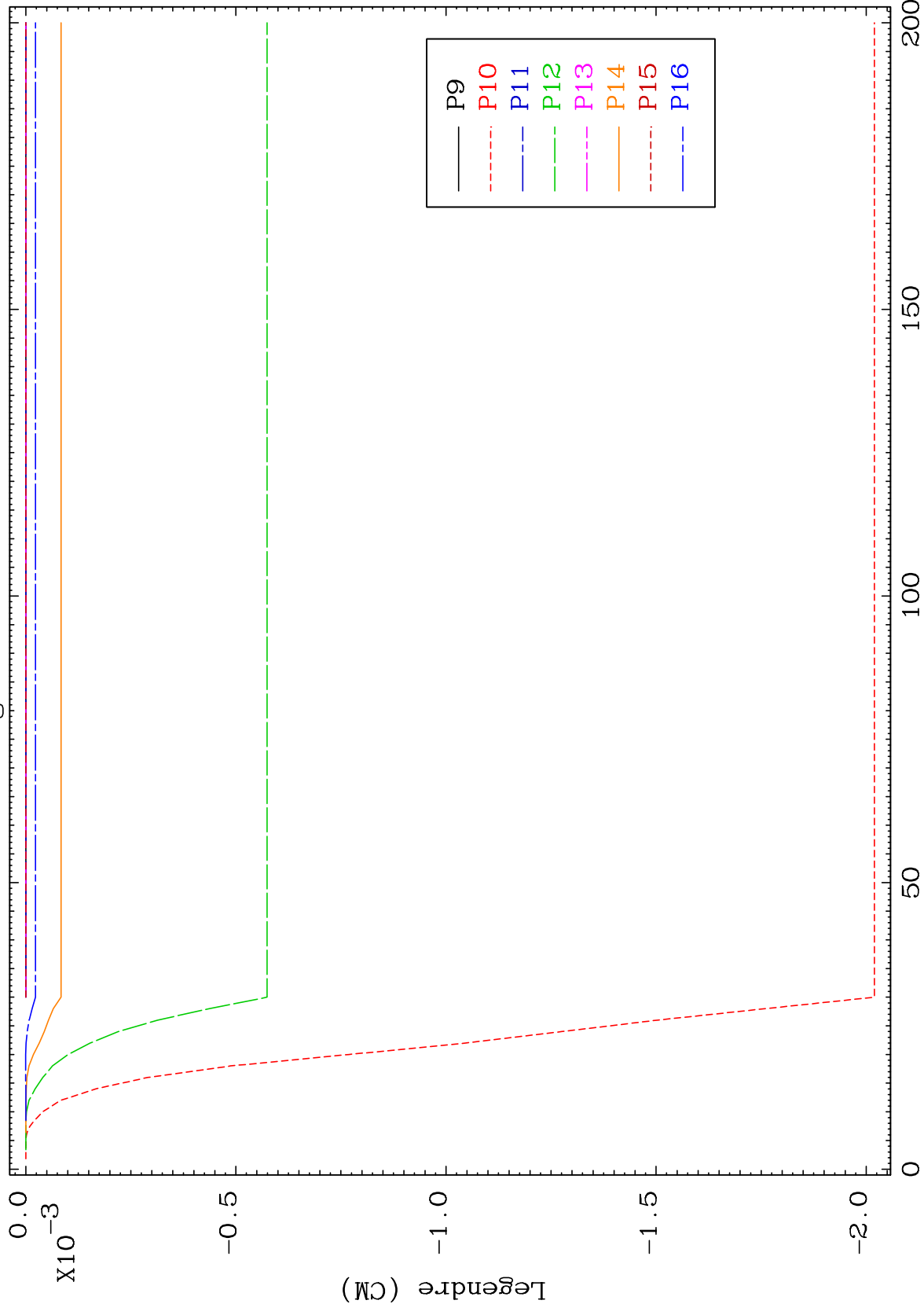
Incident Energy (MeV)

53-I -128

MAT 5328

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

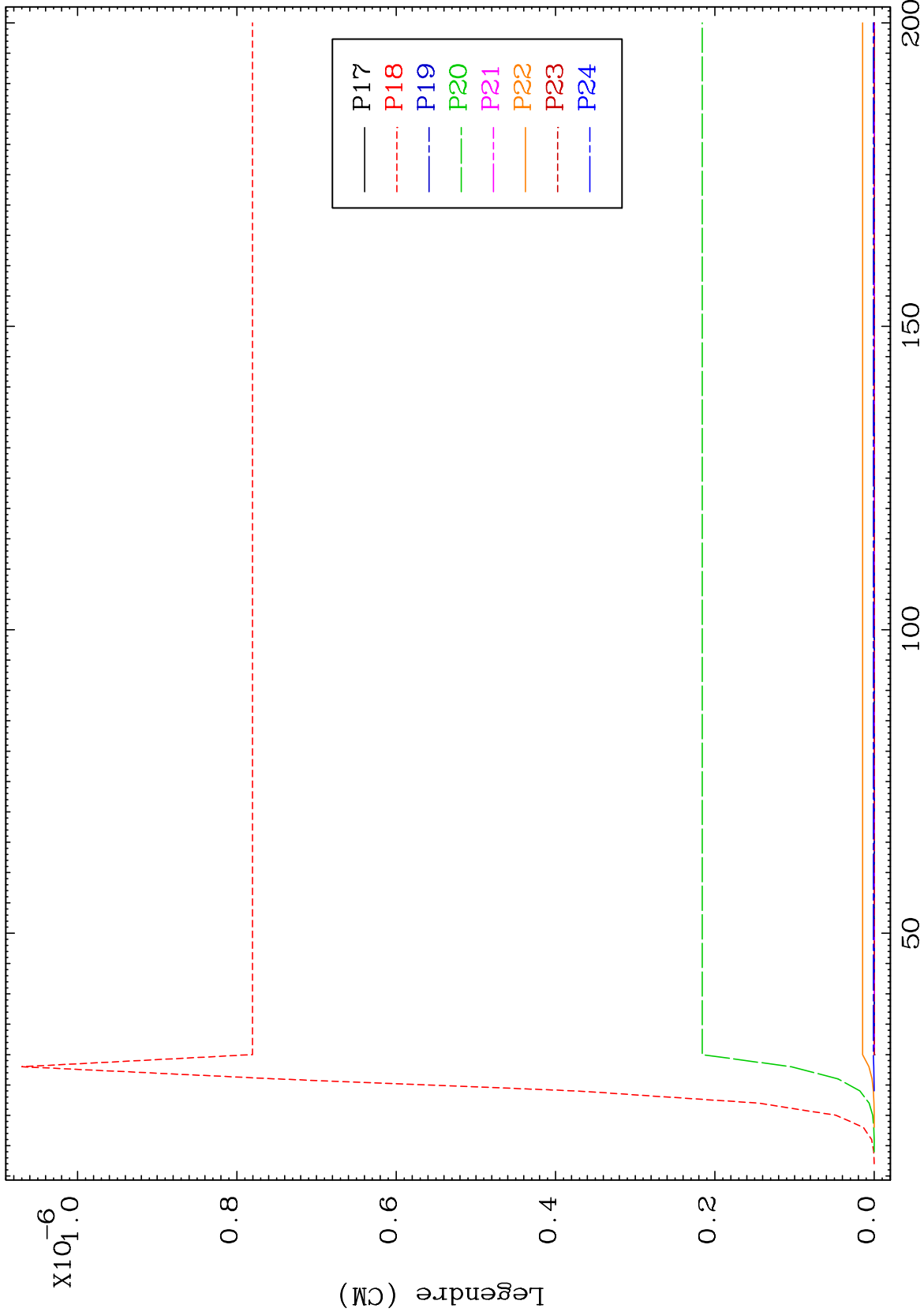
53-I -128

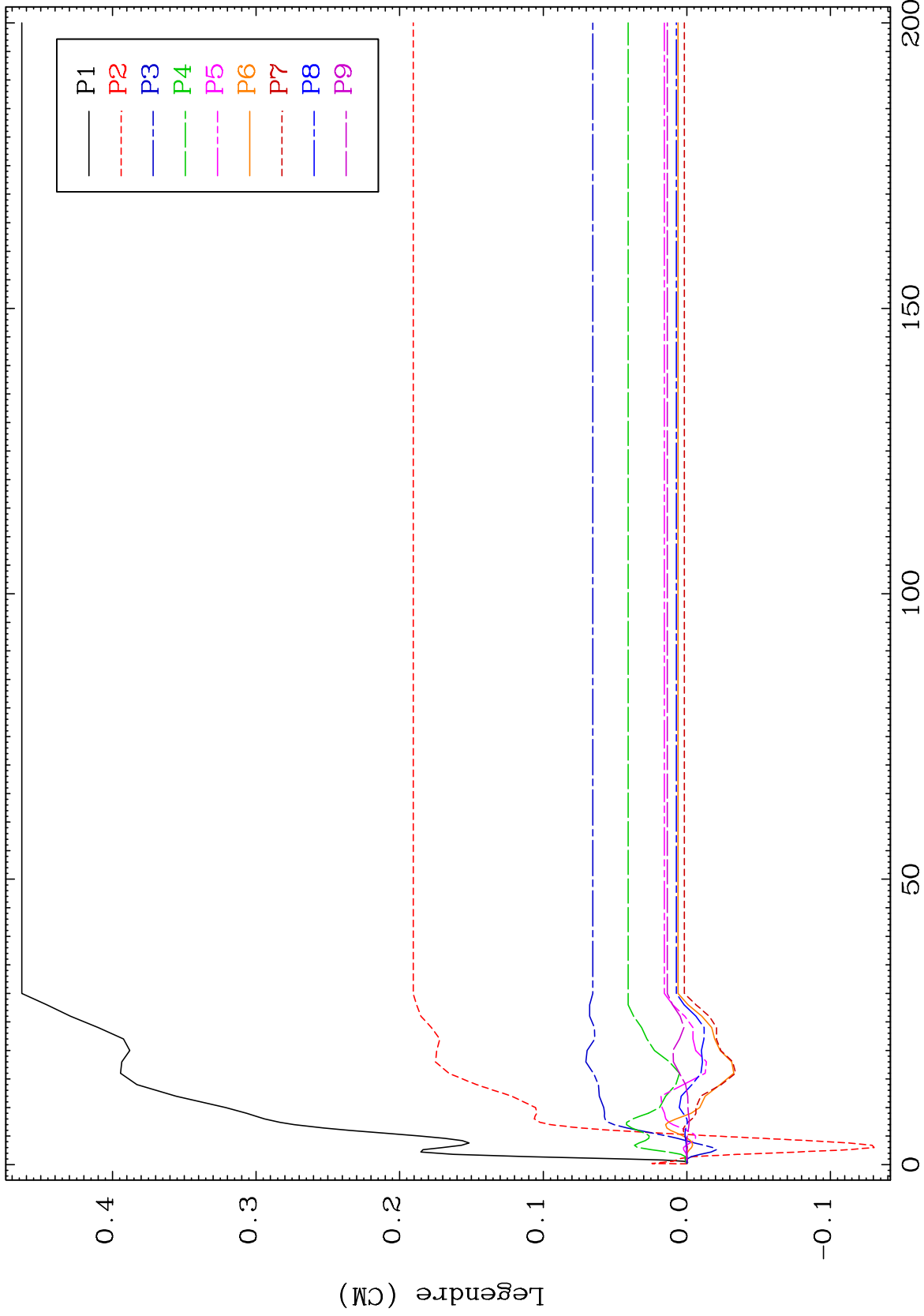


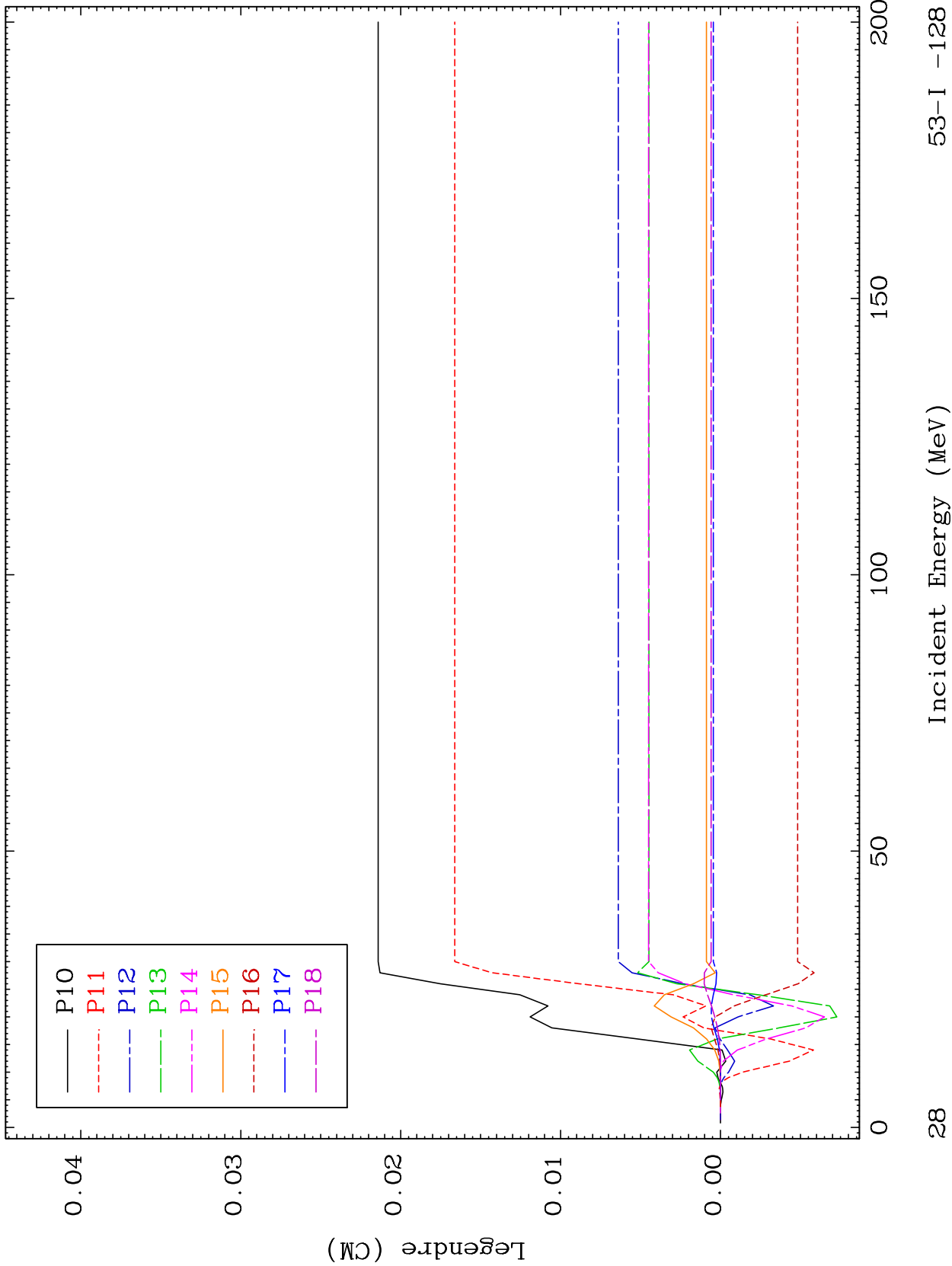
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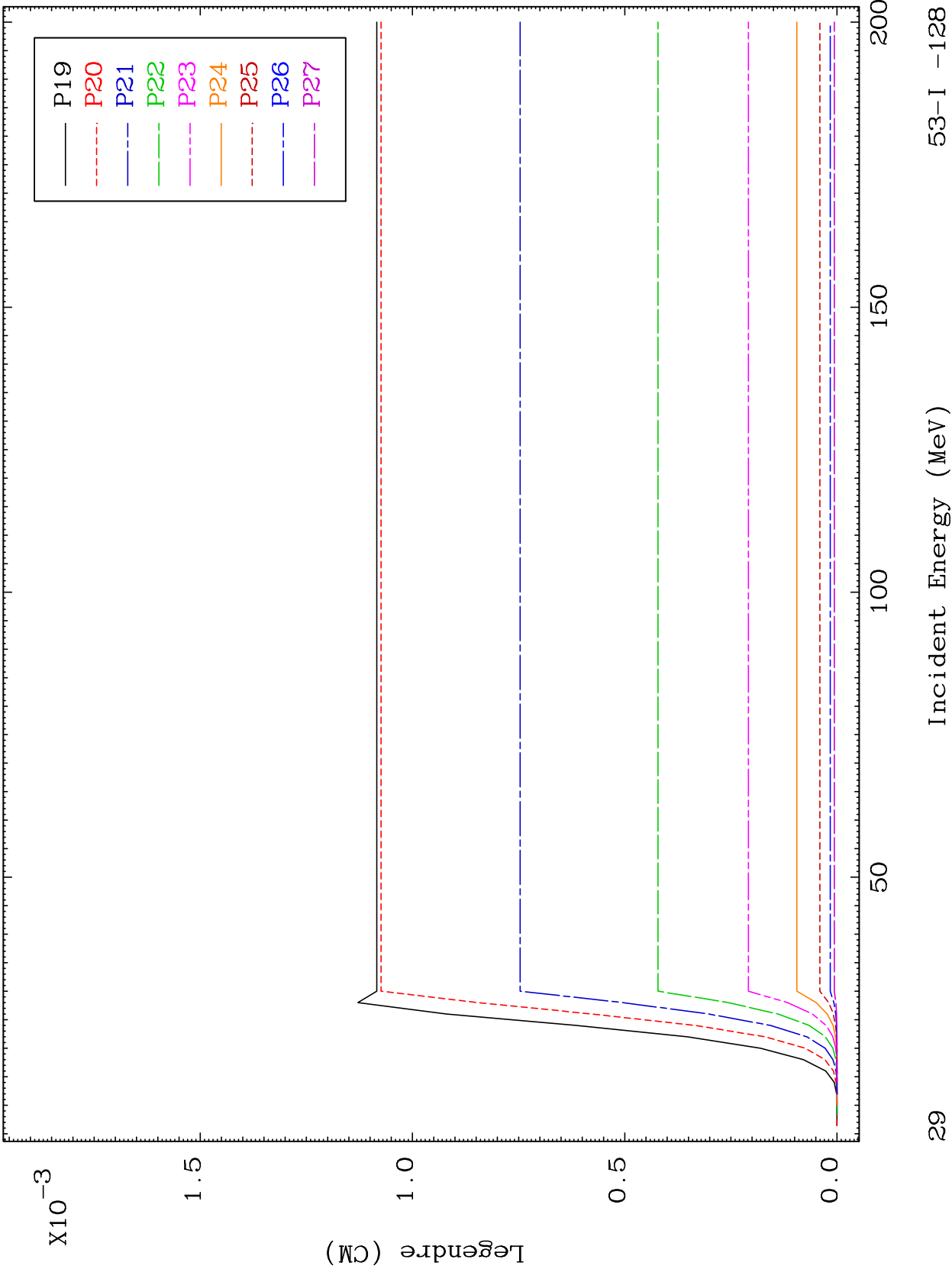
Incident Energy (MeV)

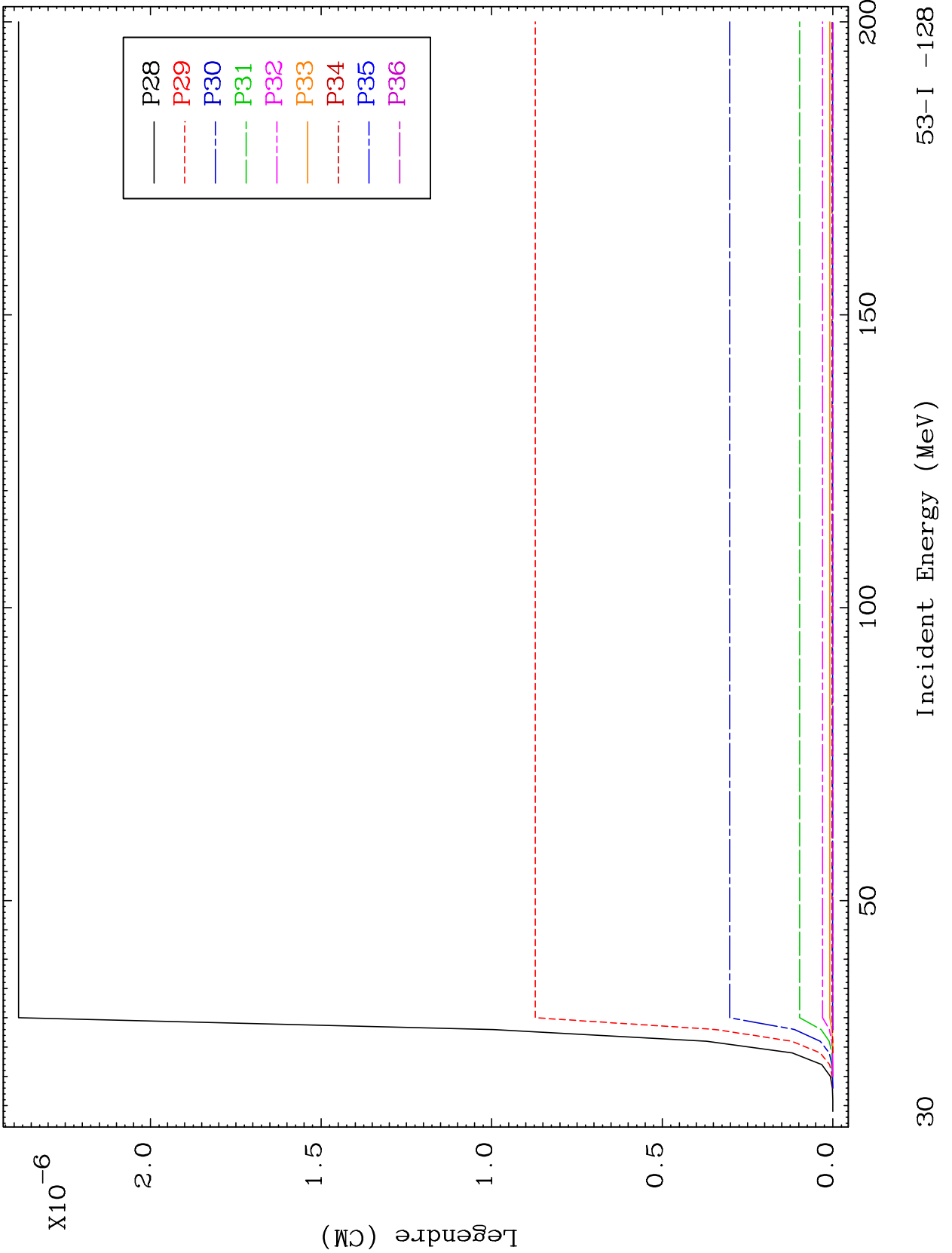
53-I -128

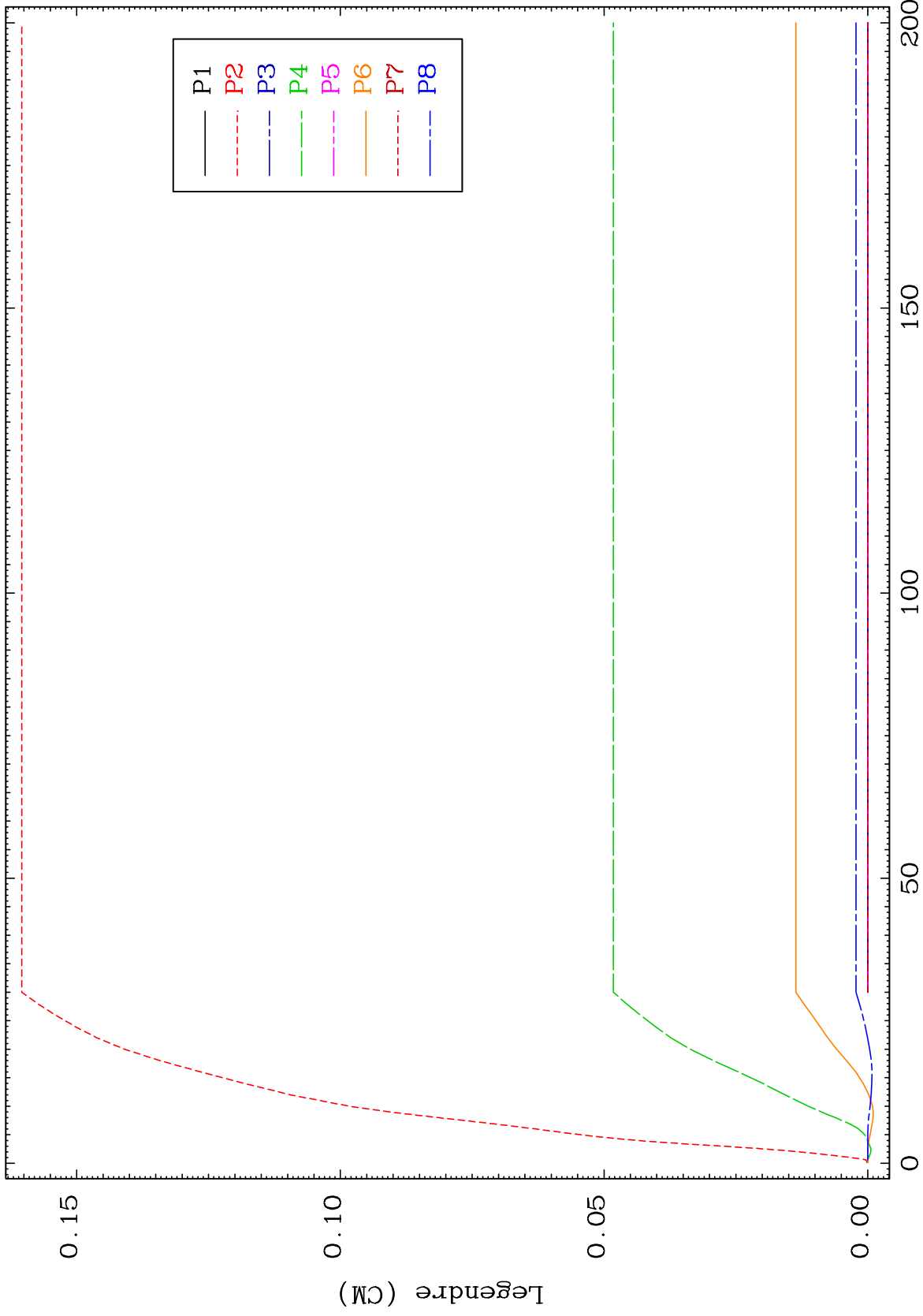








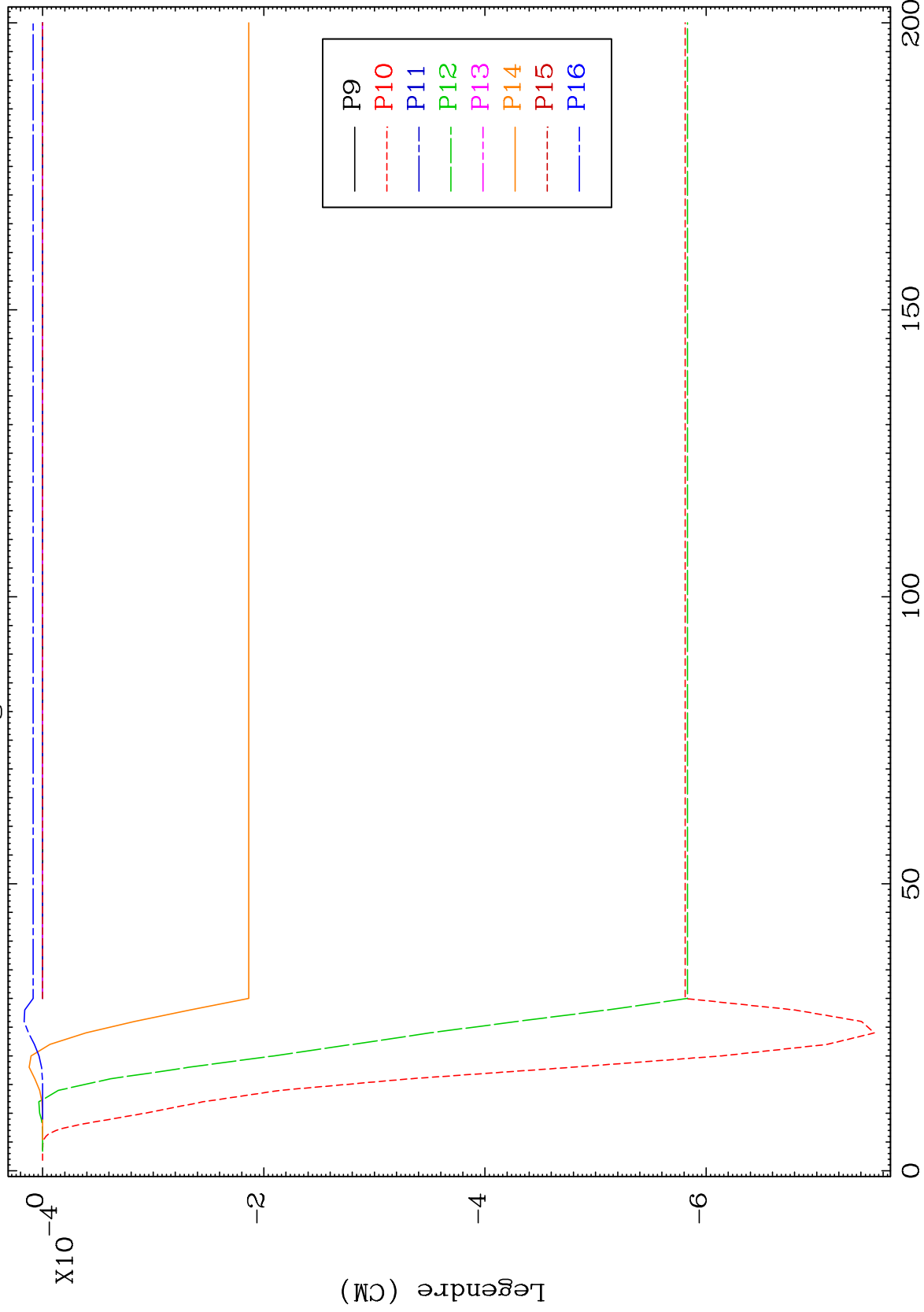




MAT 5328

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

53-I -128



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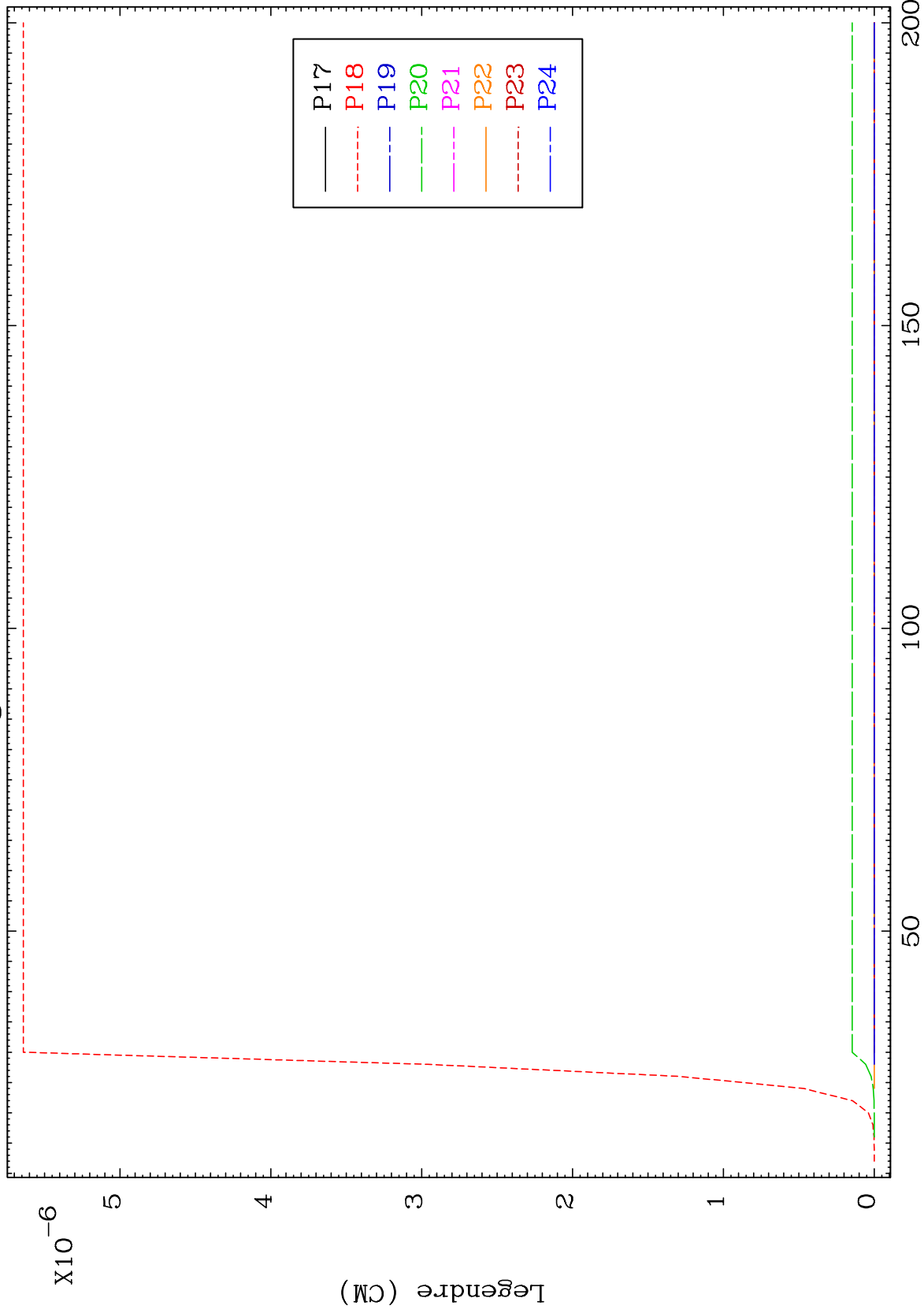
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



33

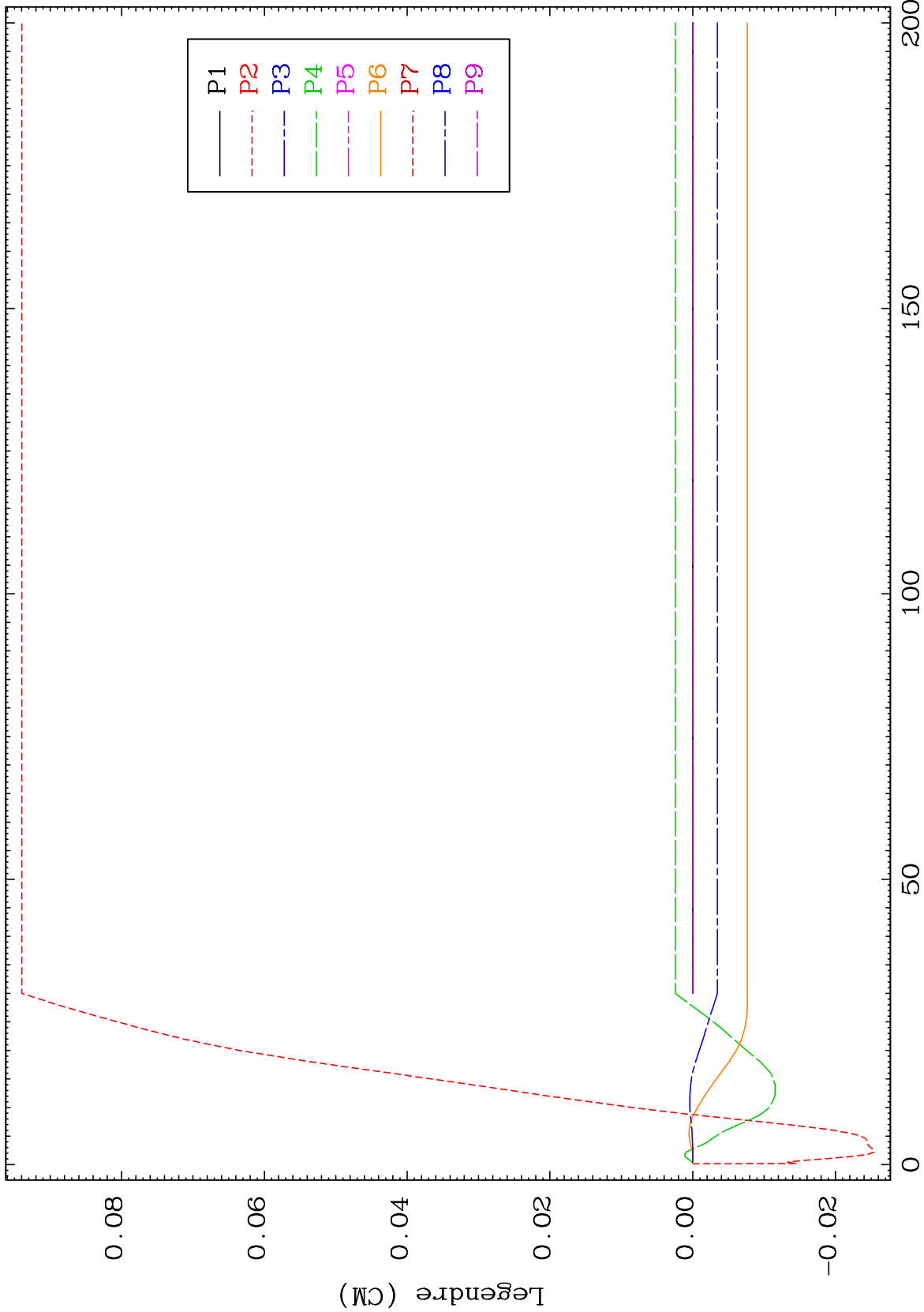
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



34

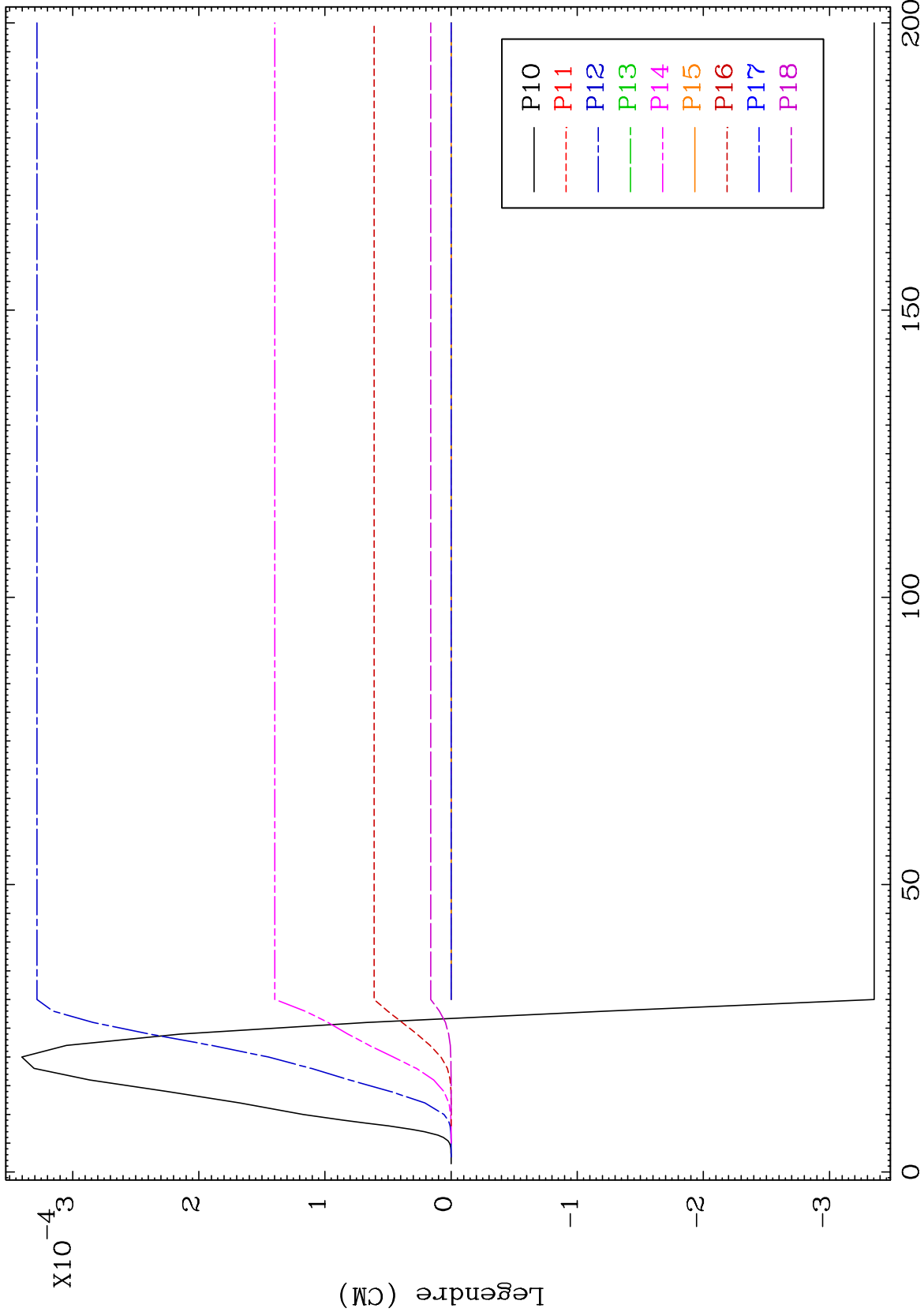
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



35

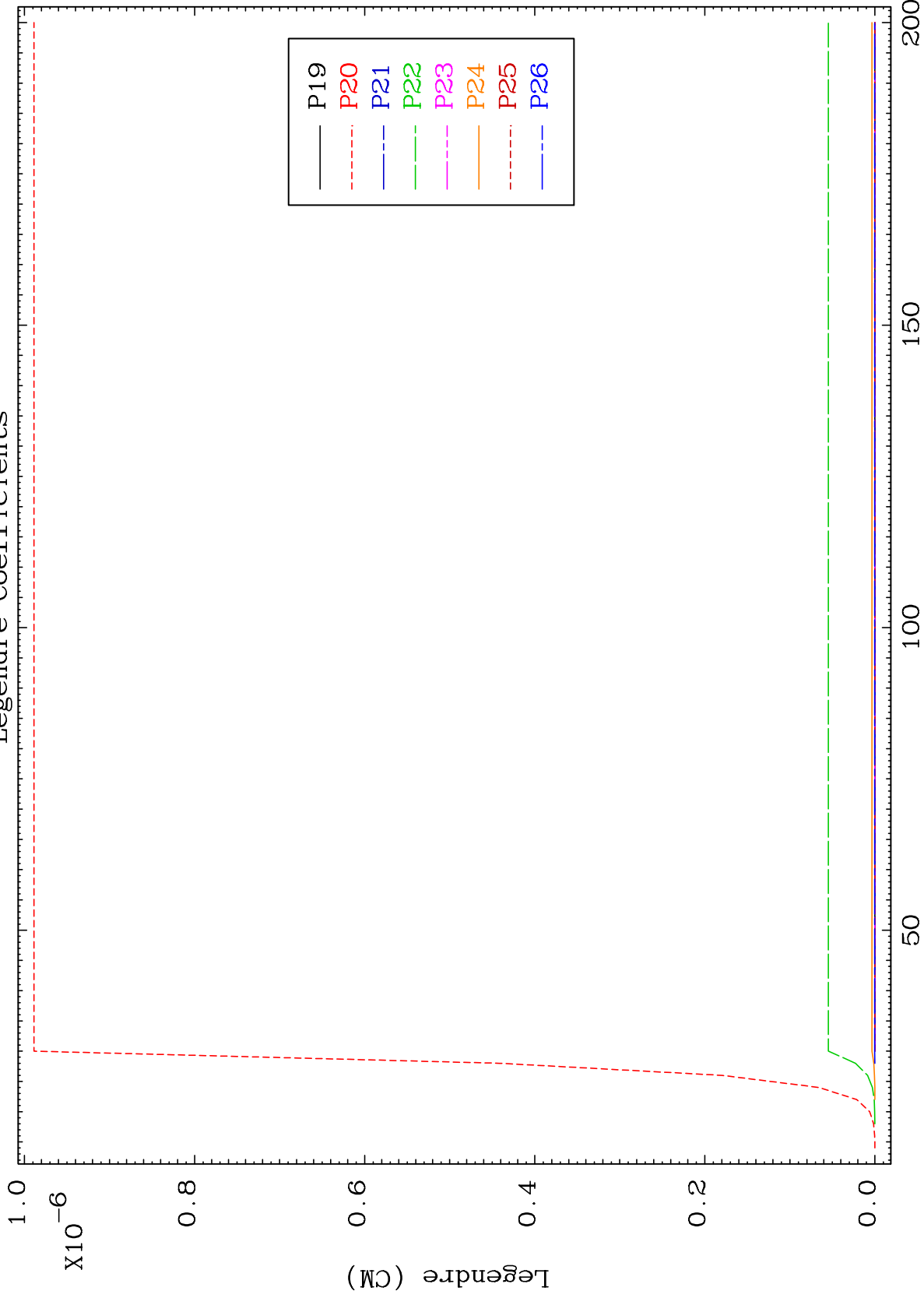
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



36

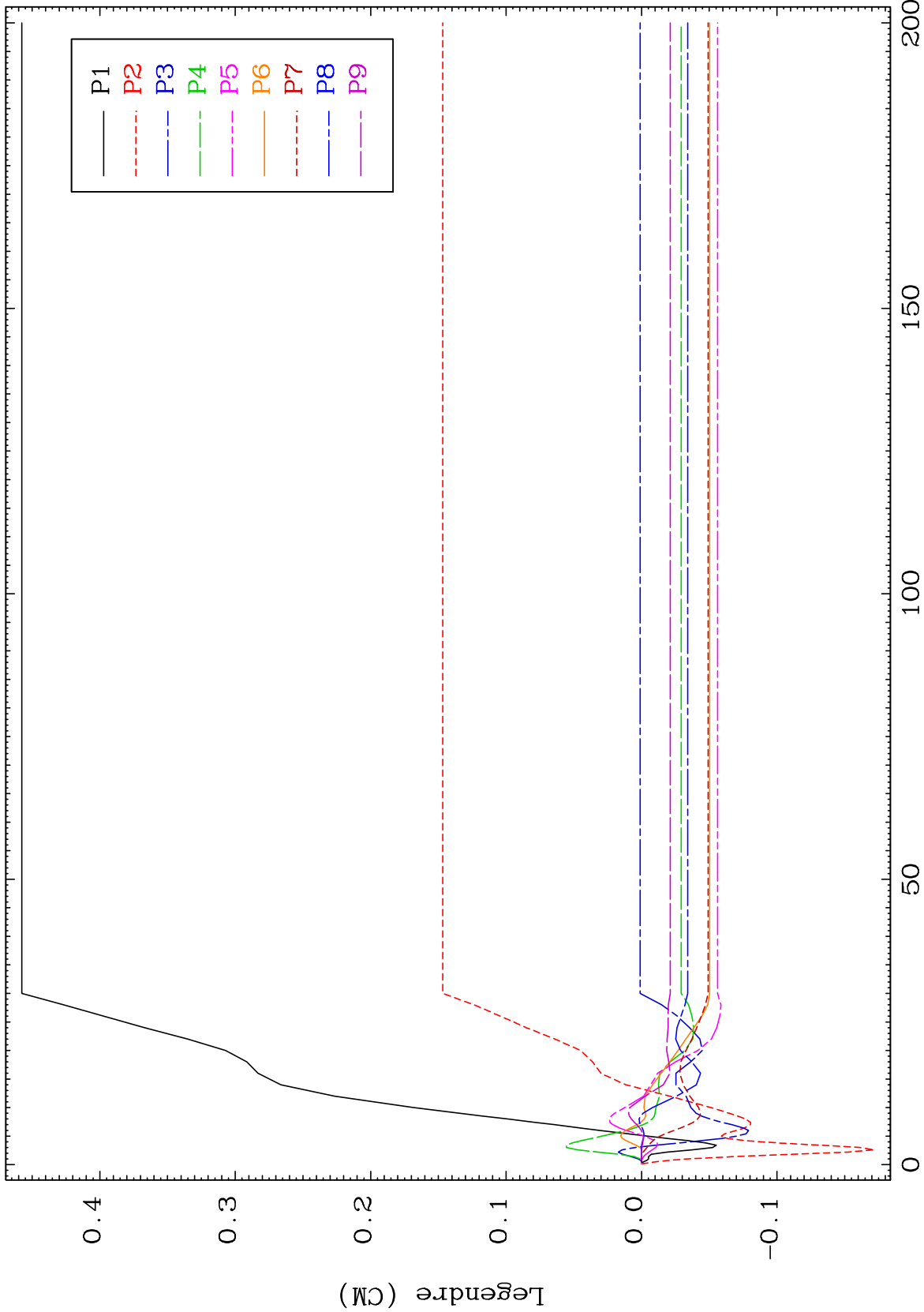
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



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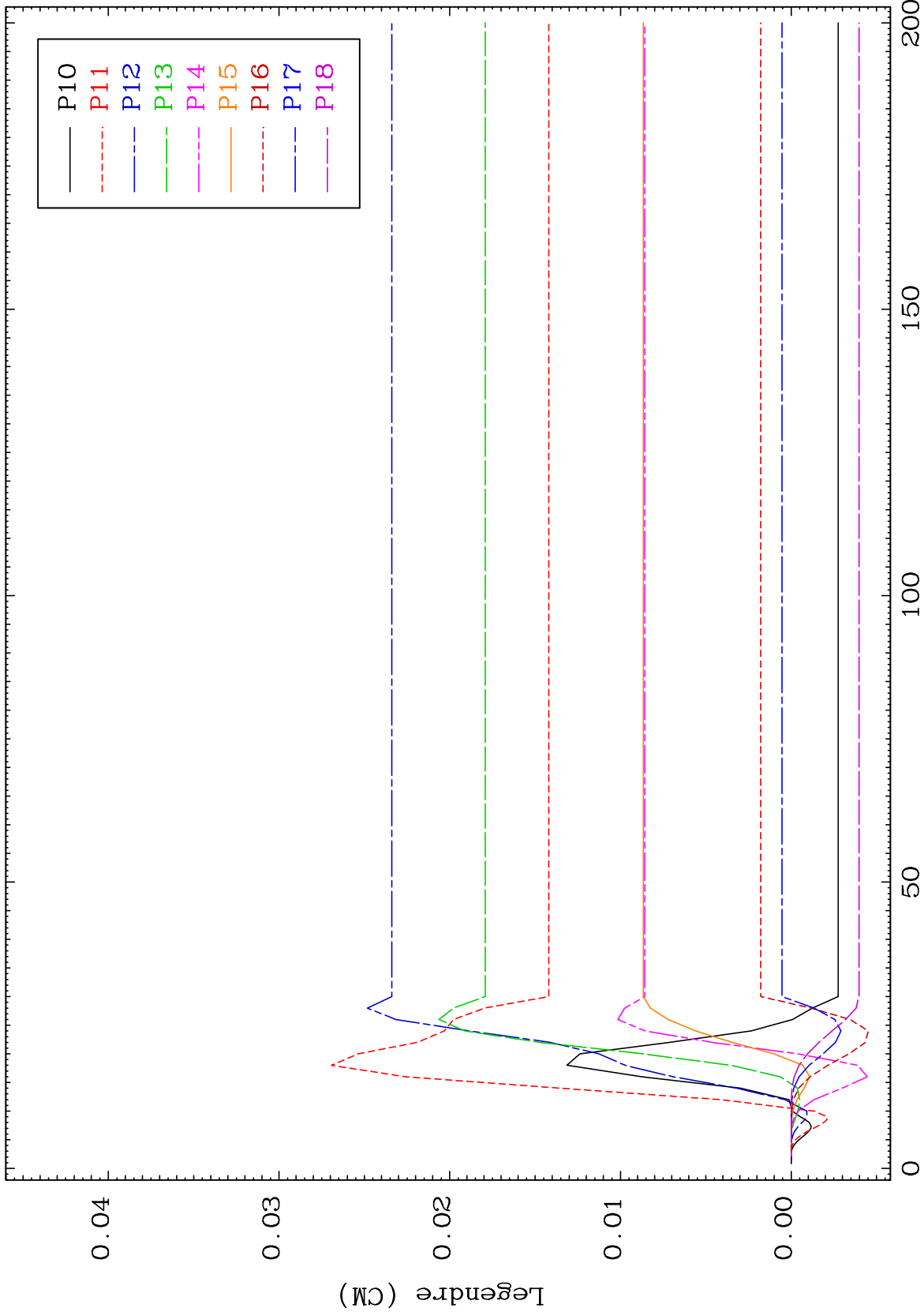
Incident Energy (MeV)

53-I -128

MAT 5328

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

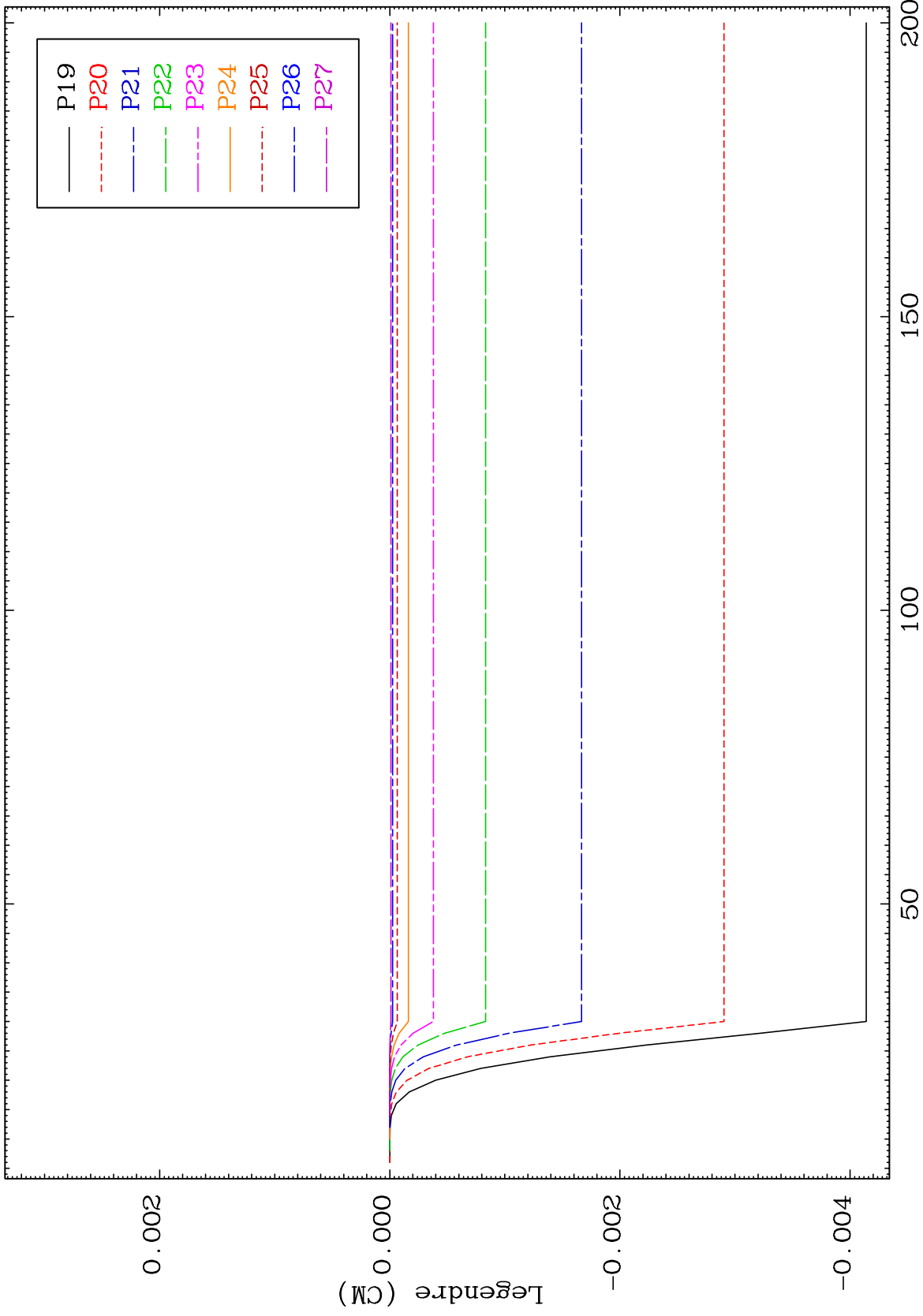
53-I -128



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Incident Energy (MeV)

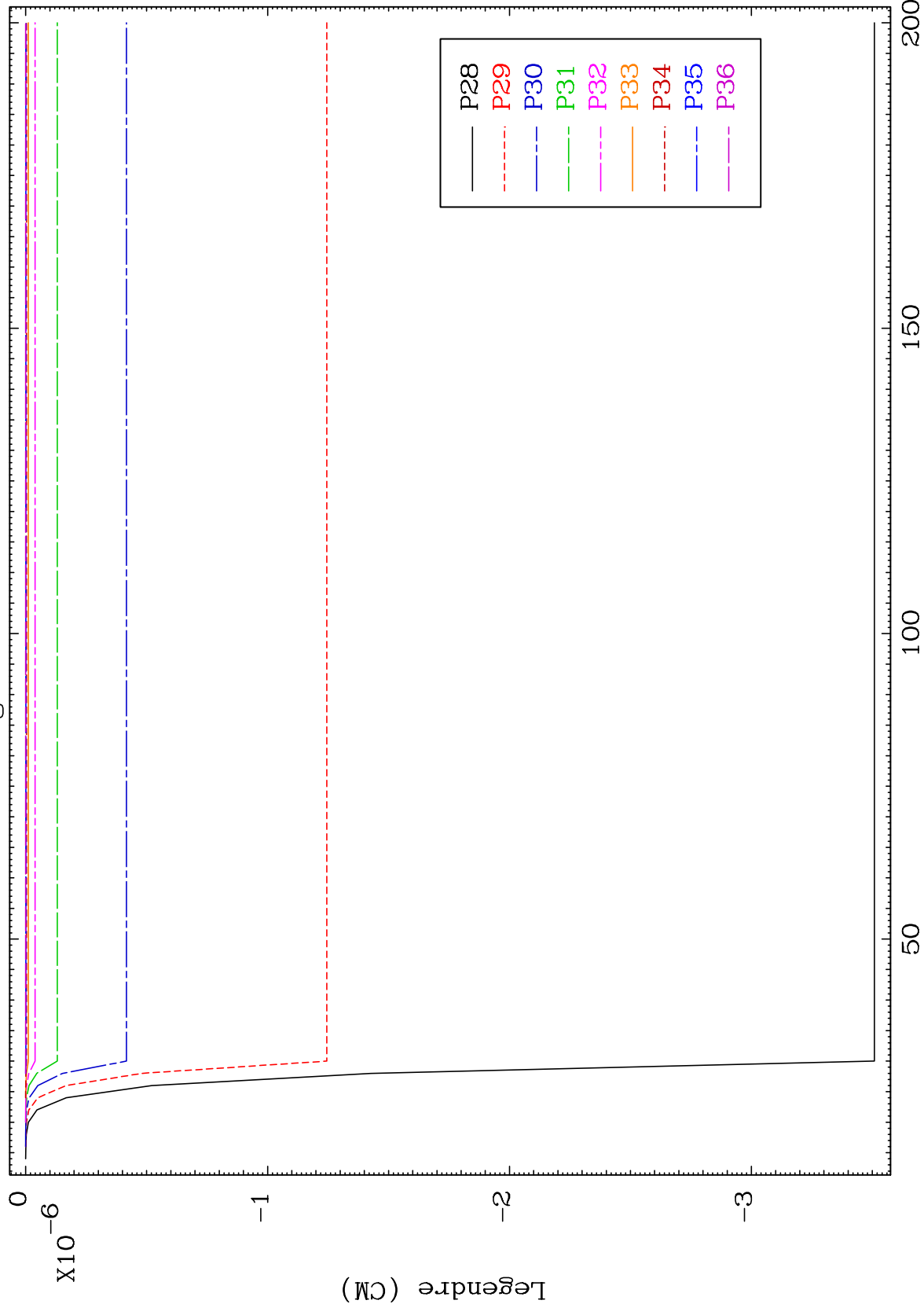
53-I -128



MAT 5328

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

53-I -128



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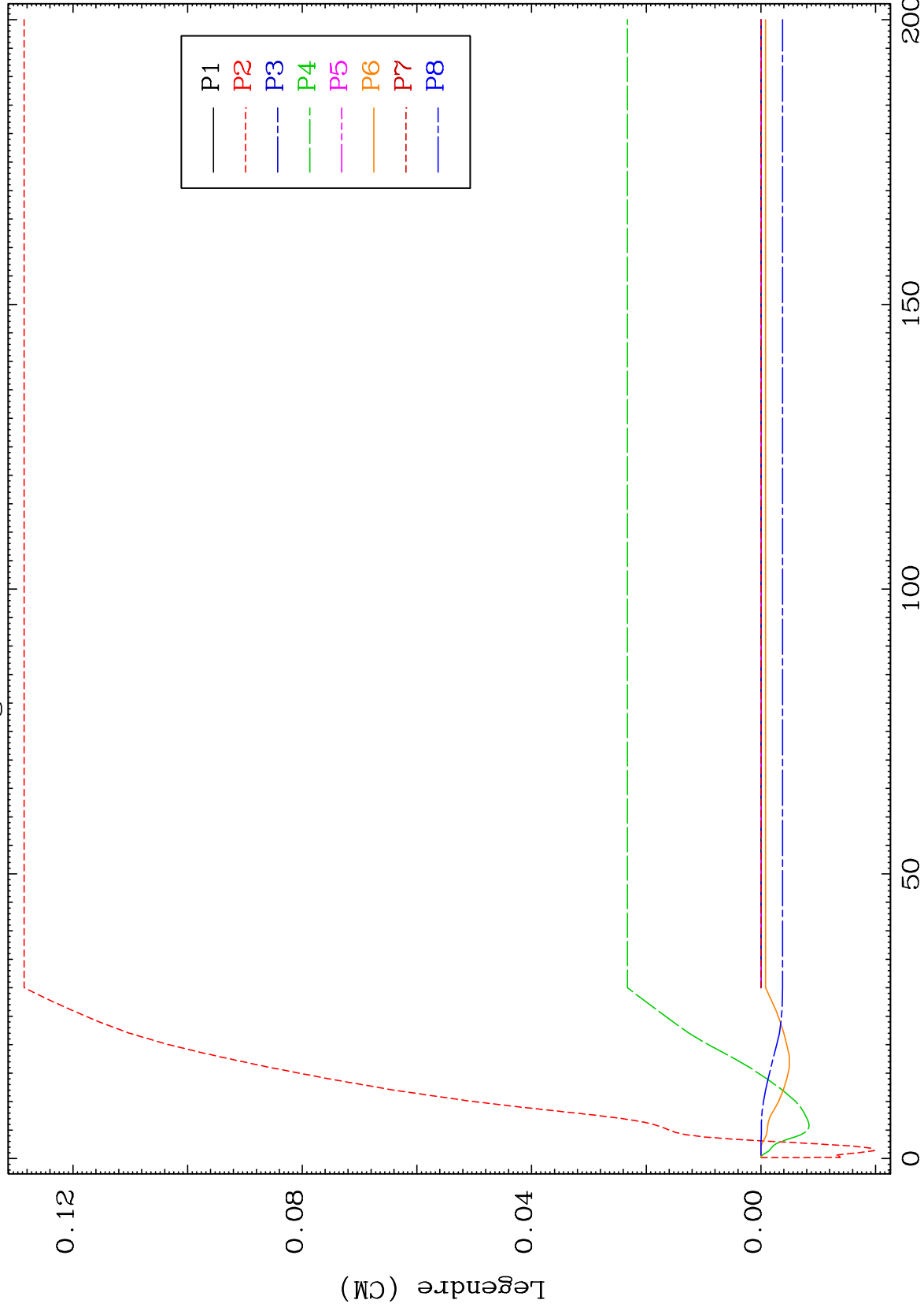
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



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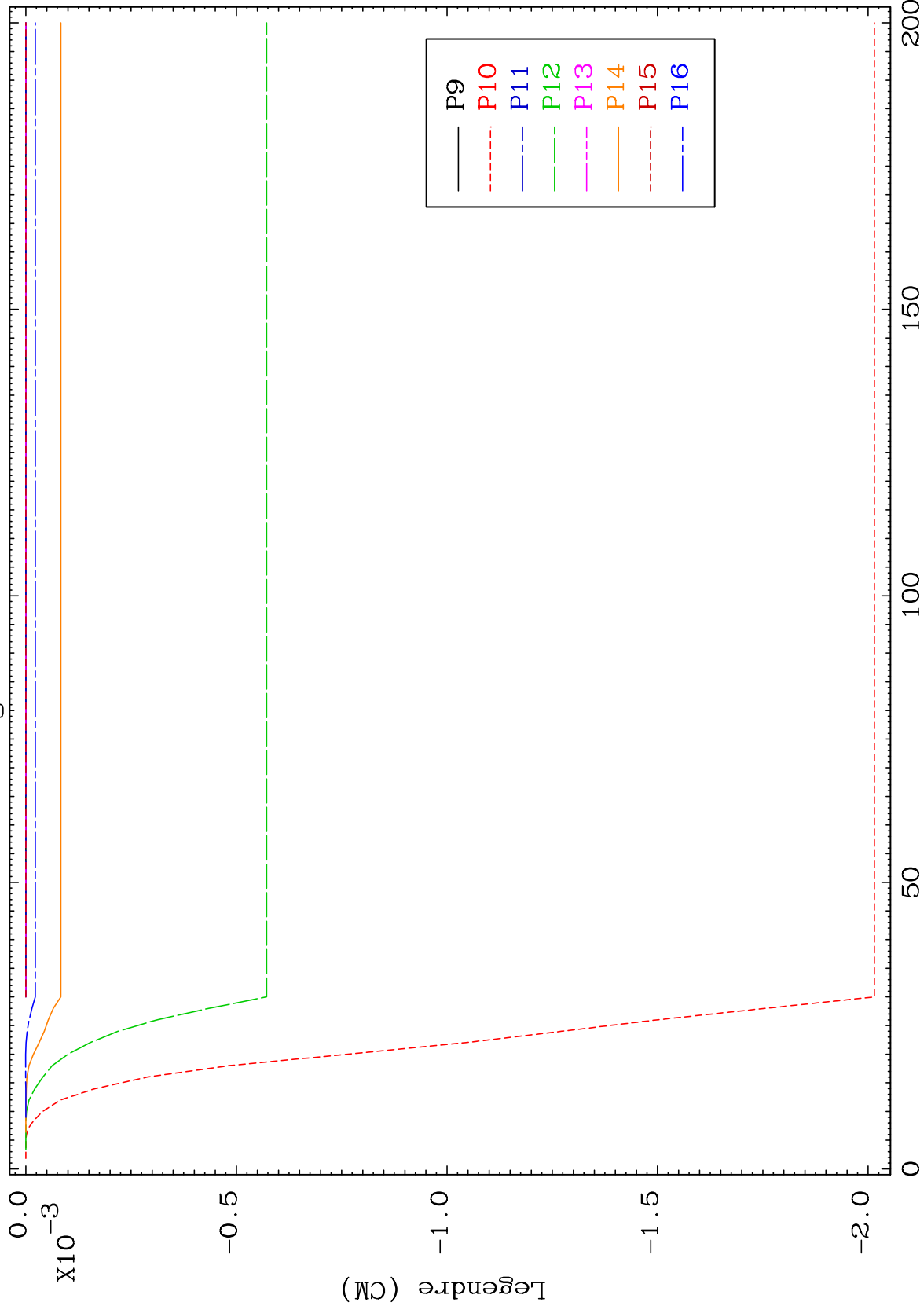
Incident Energy (MeV)

53-I -128

MAT 5328

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

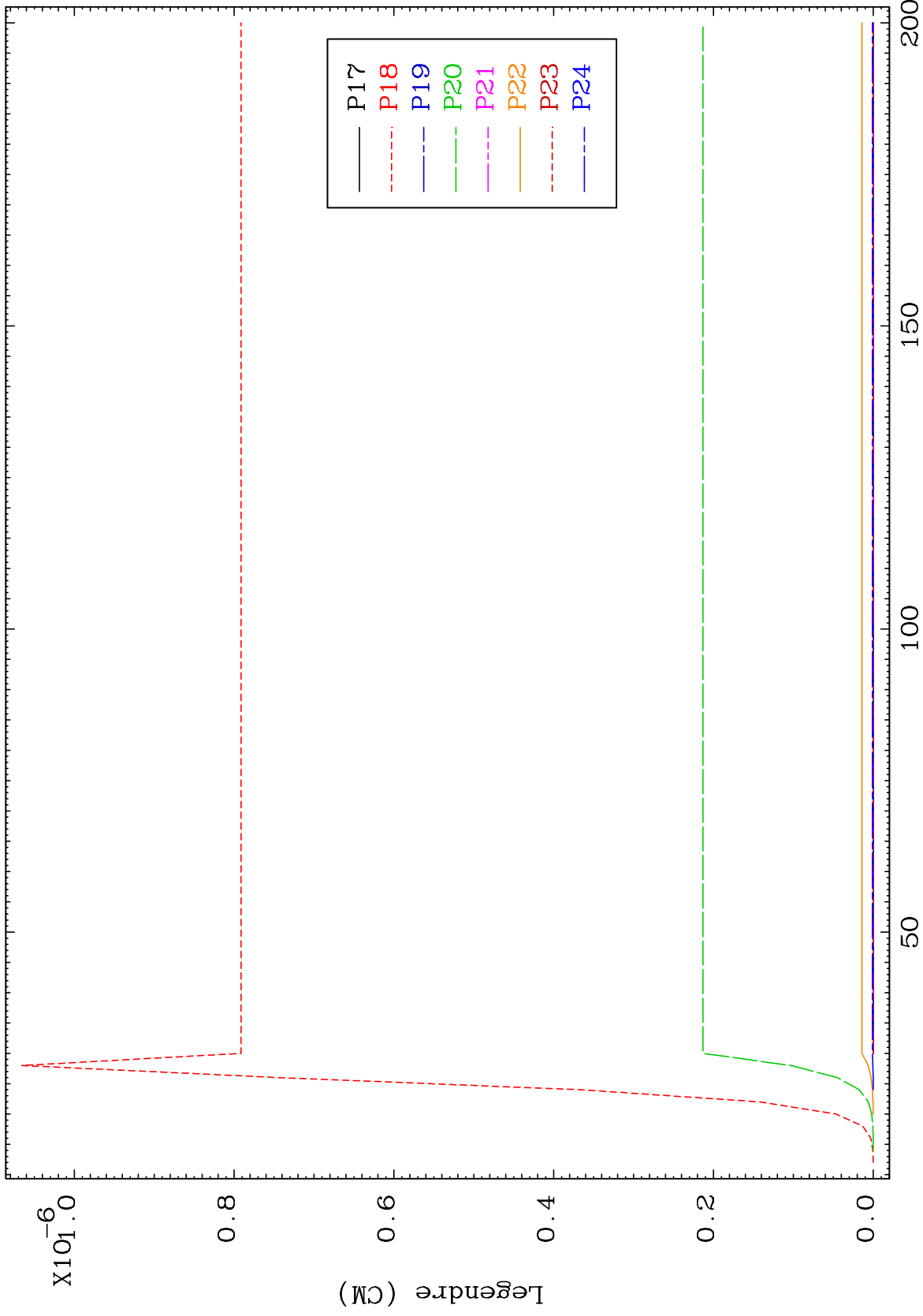
53-I -128



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Incident Energy (MeV)

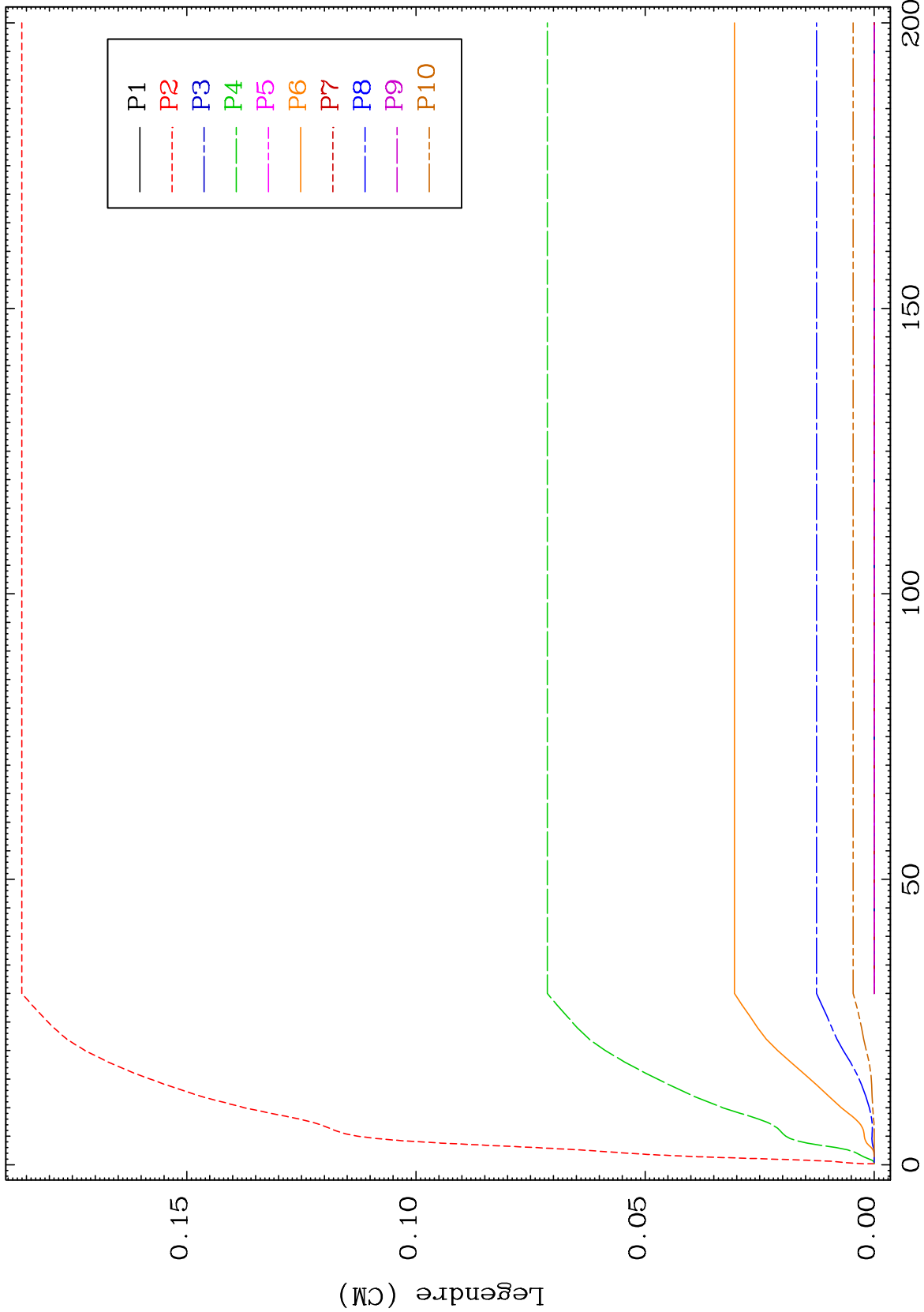
53-I -128



MAT 5328

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

53-I -128



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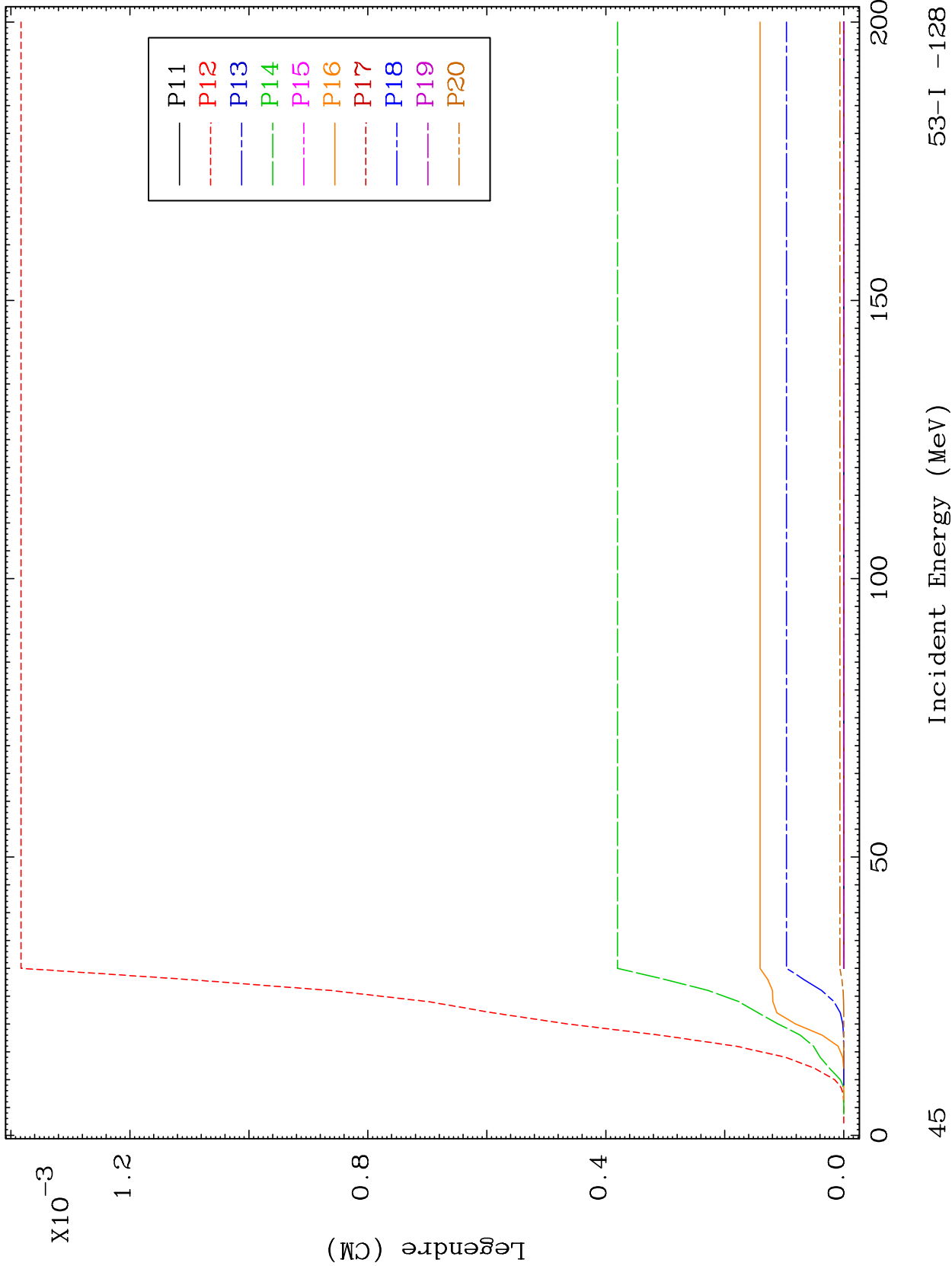
Incident Energy (MeV)

53-I -128

MAT 5328

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

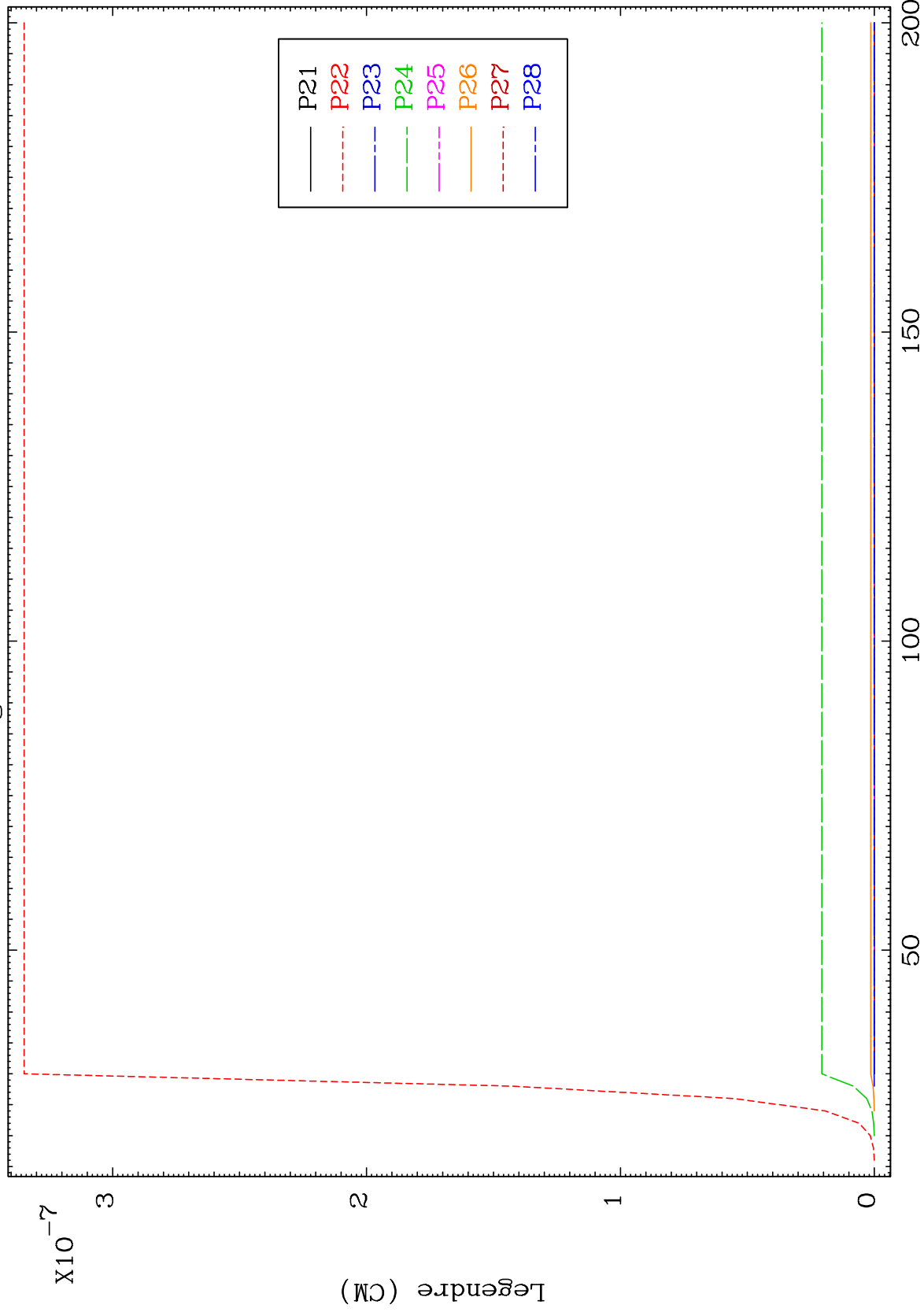
53-I -128



MAT 5328

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

53-I -128



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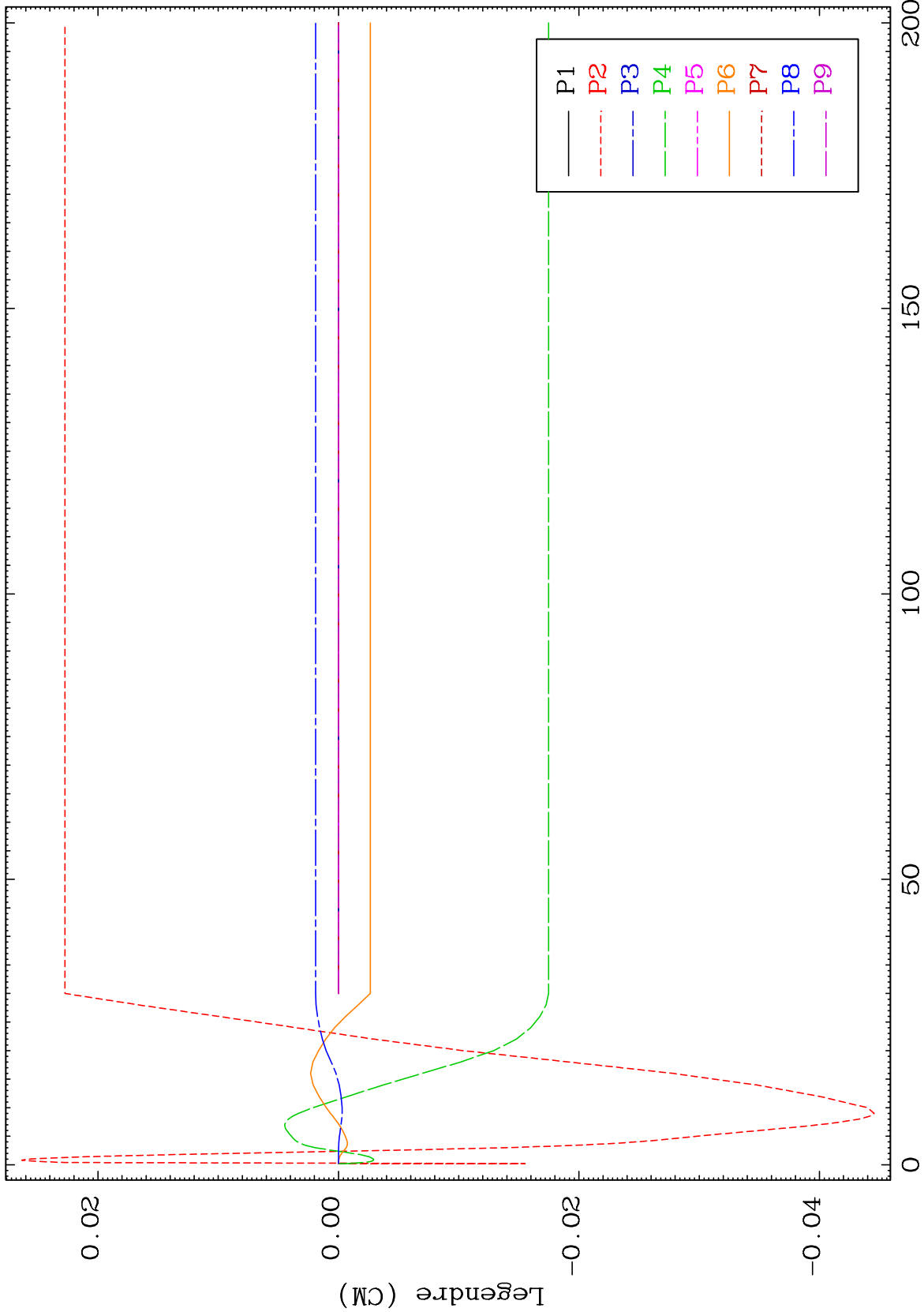
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



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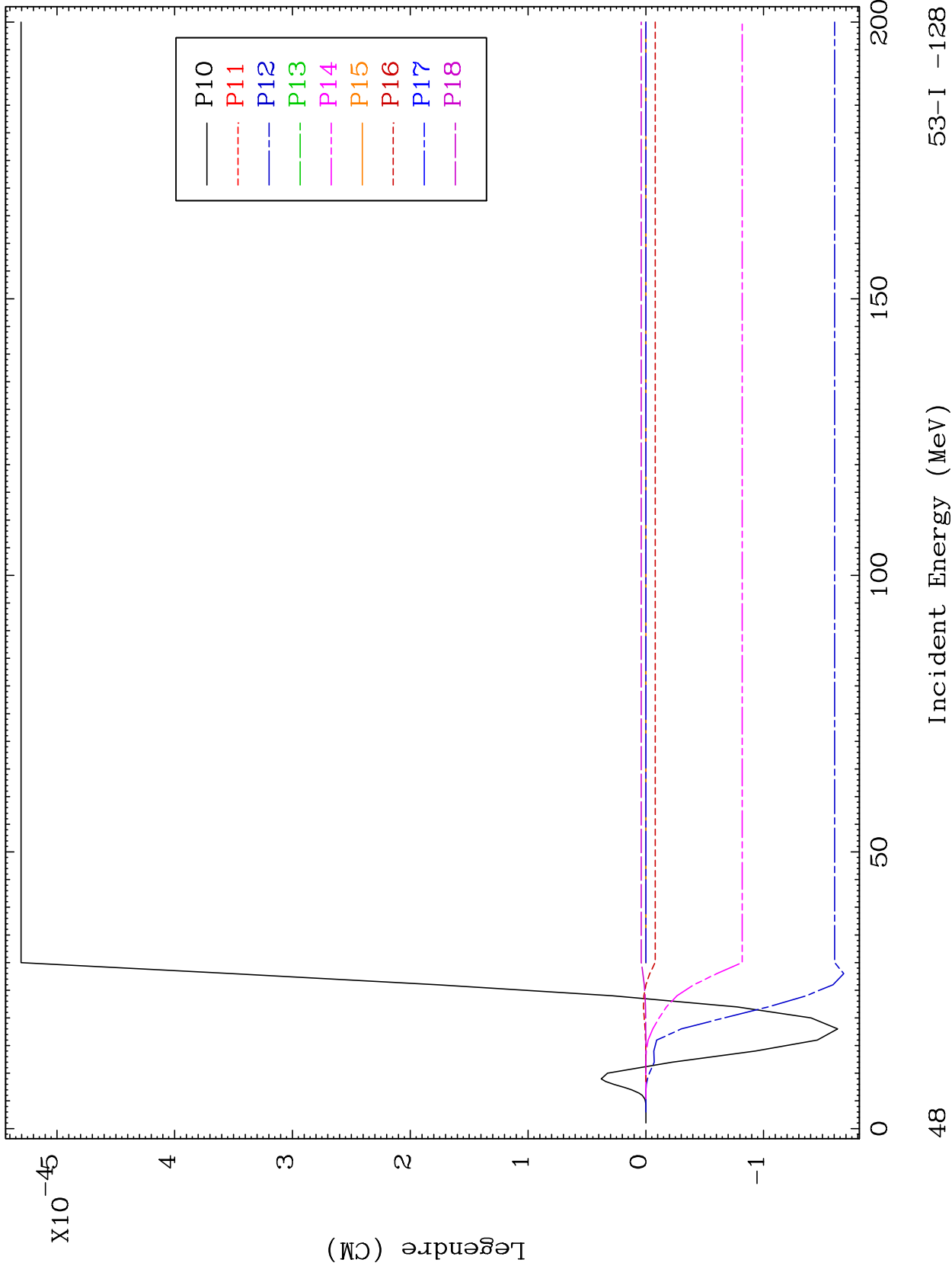
Incident Energy (MeV)

53-I -128

MAT 5328

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

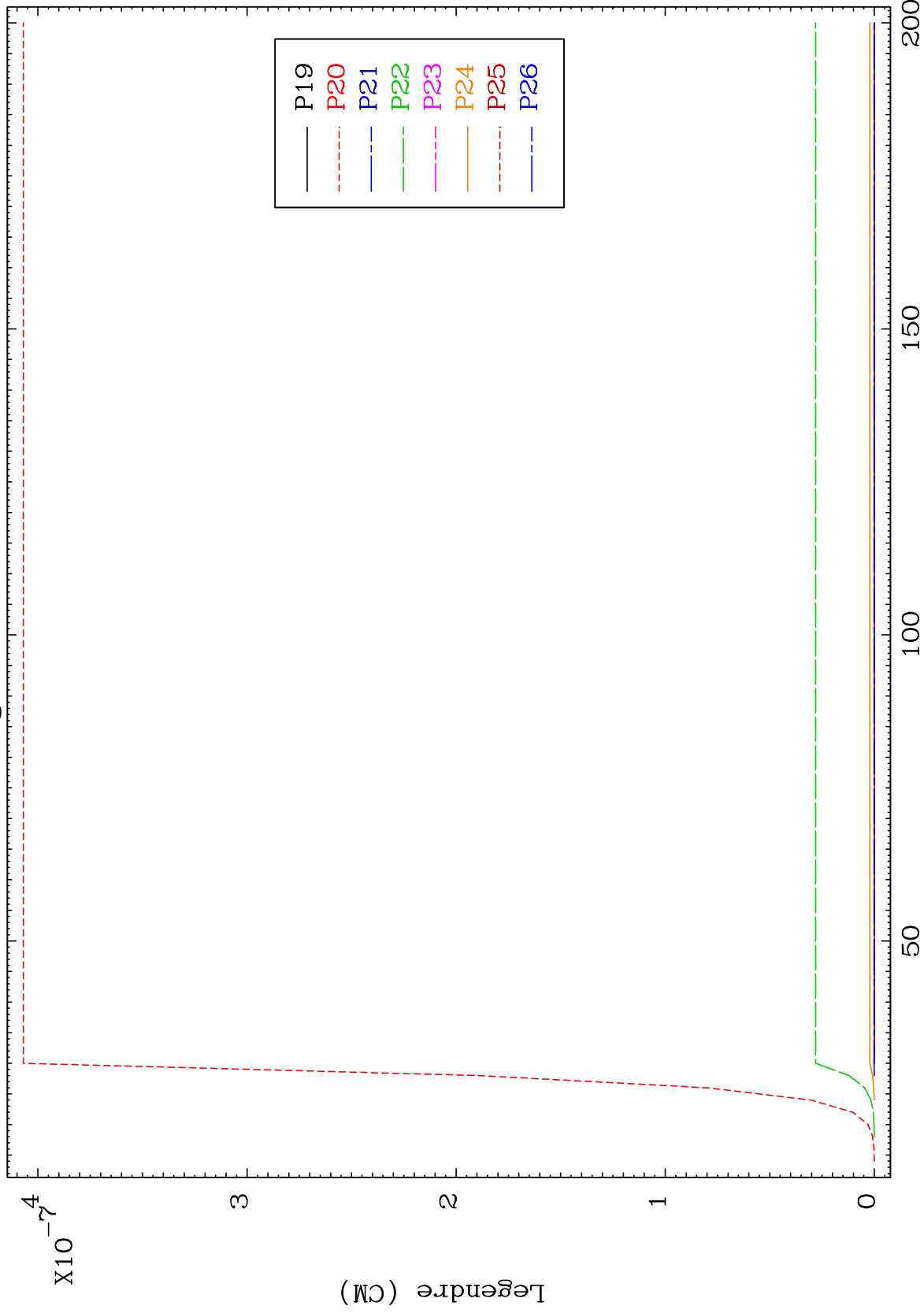
53-I -128



MAT 5328

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

53-I -128



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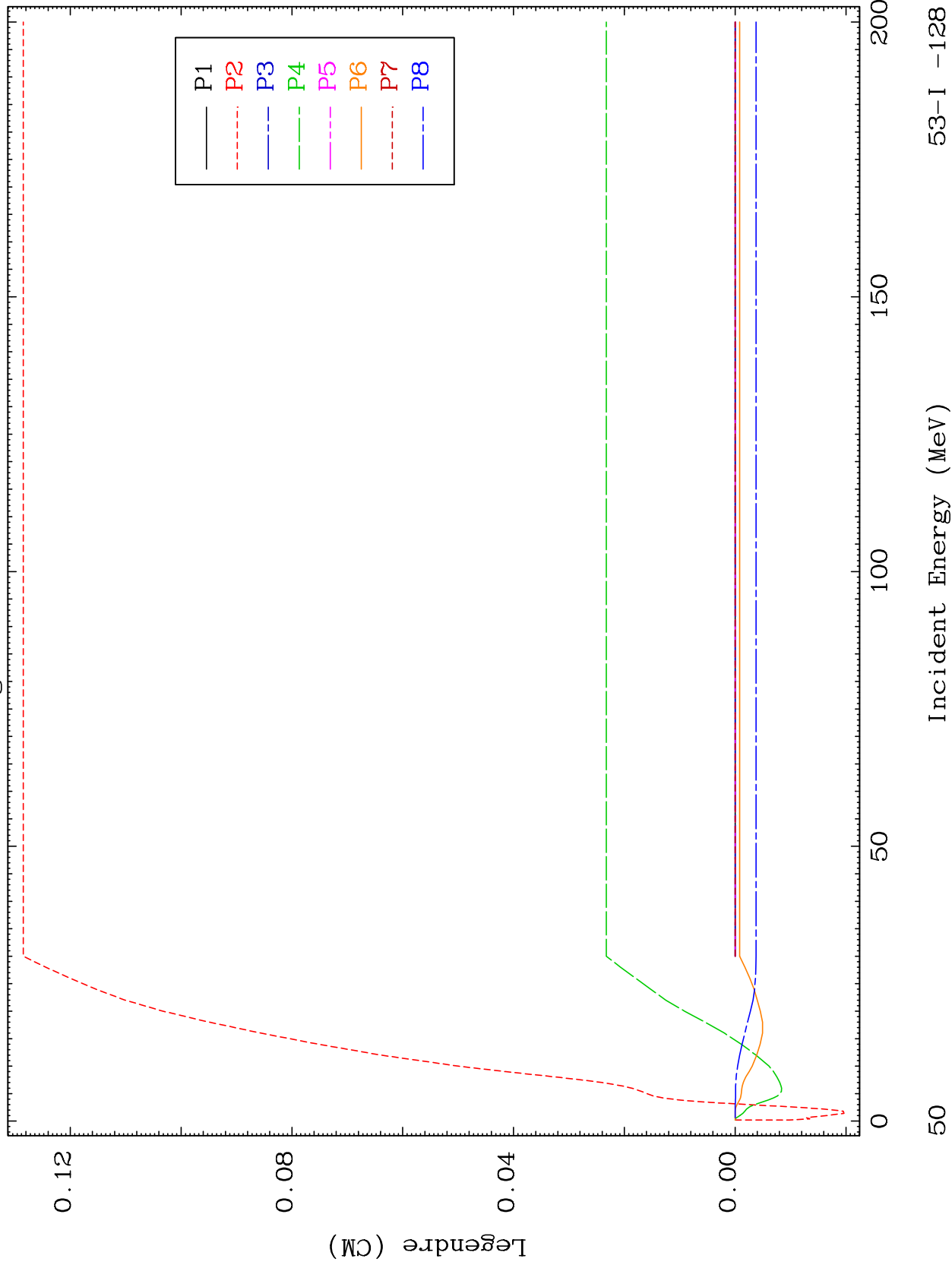
Incident Energy (MeV)

53-I -128

MAT 5328

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

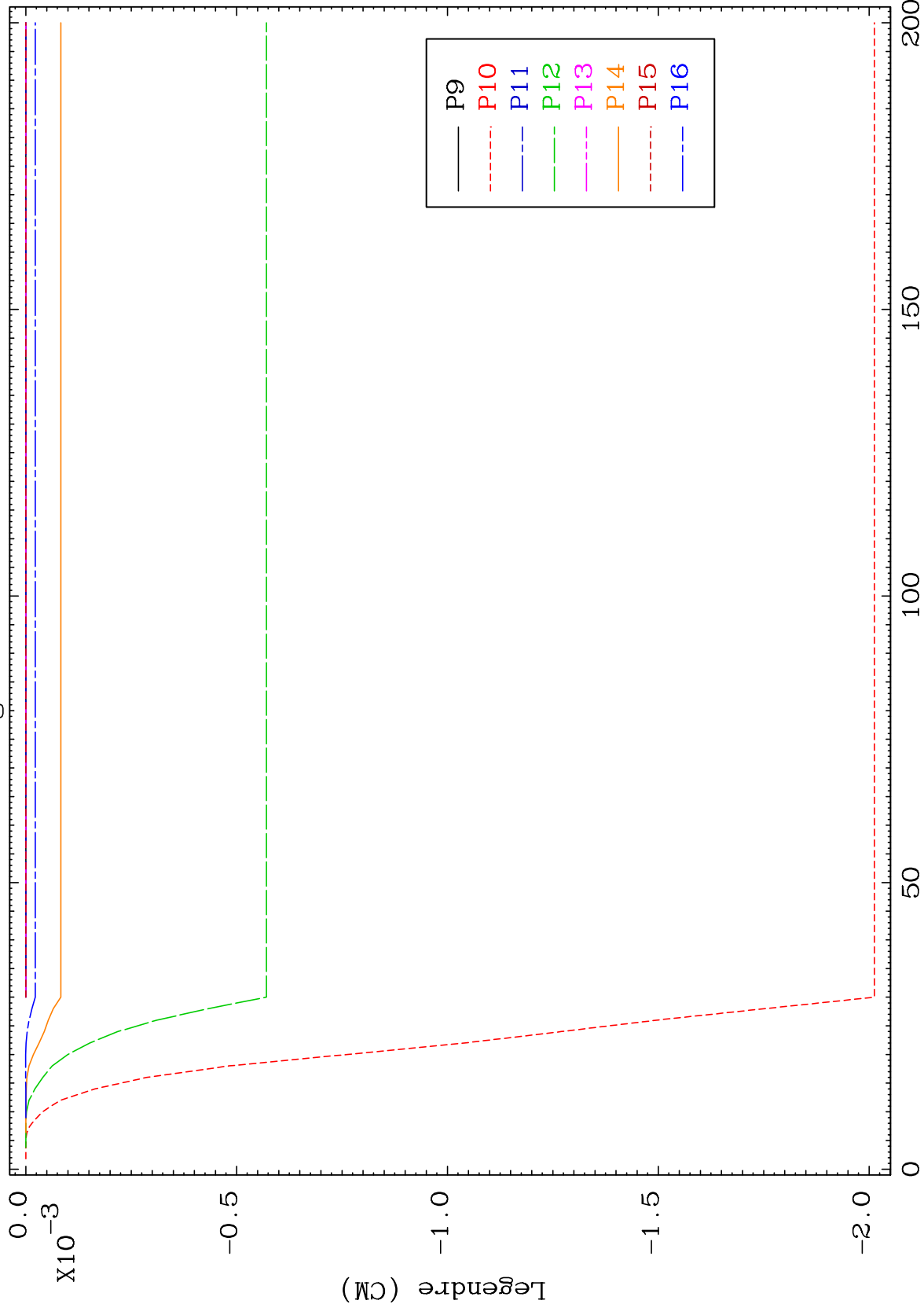
53-I -128



MAT 5328

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

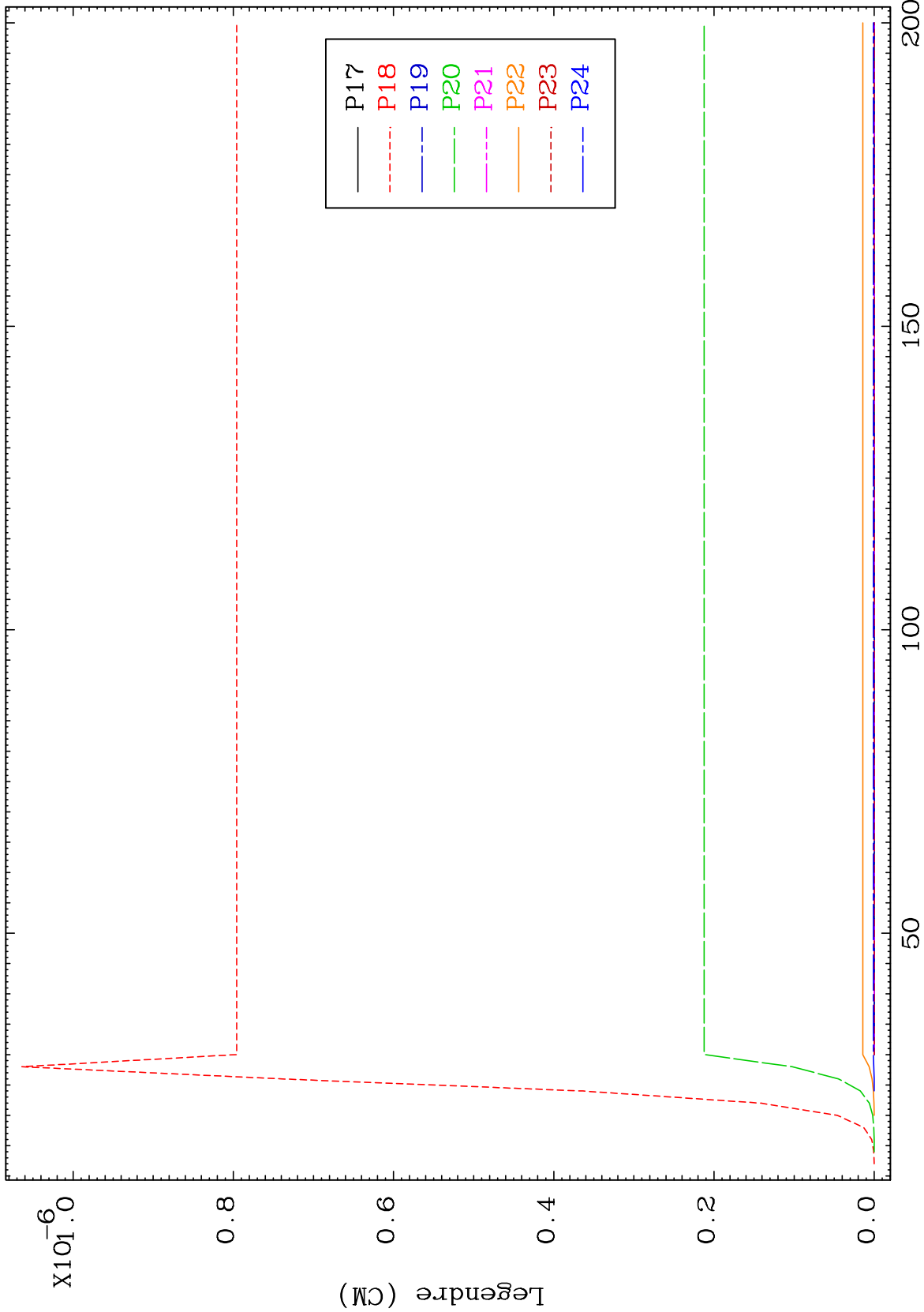
53-I -128



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Incident Energy (MeV)

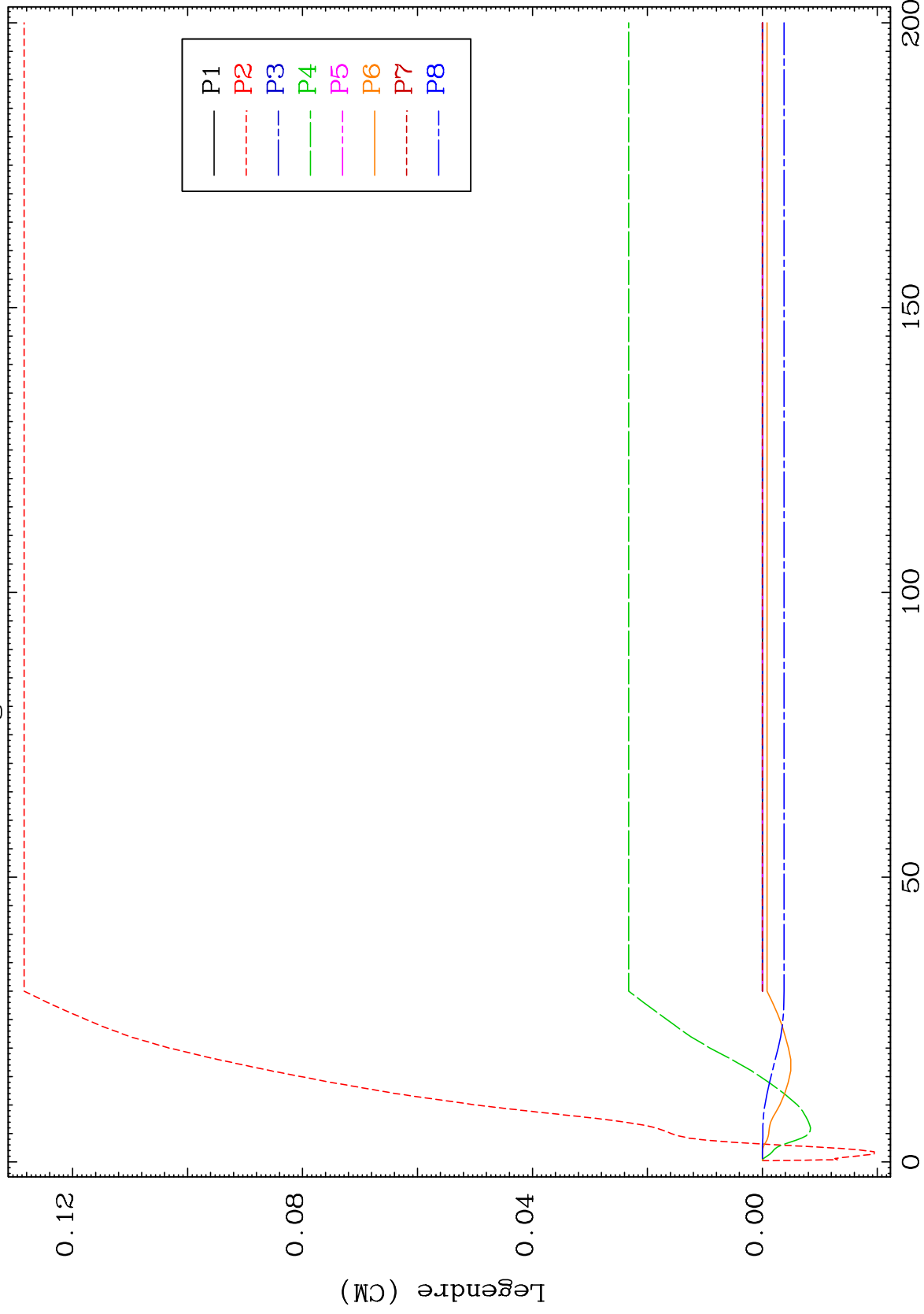
53-I -128



MAT 5328

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

53-I -128



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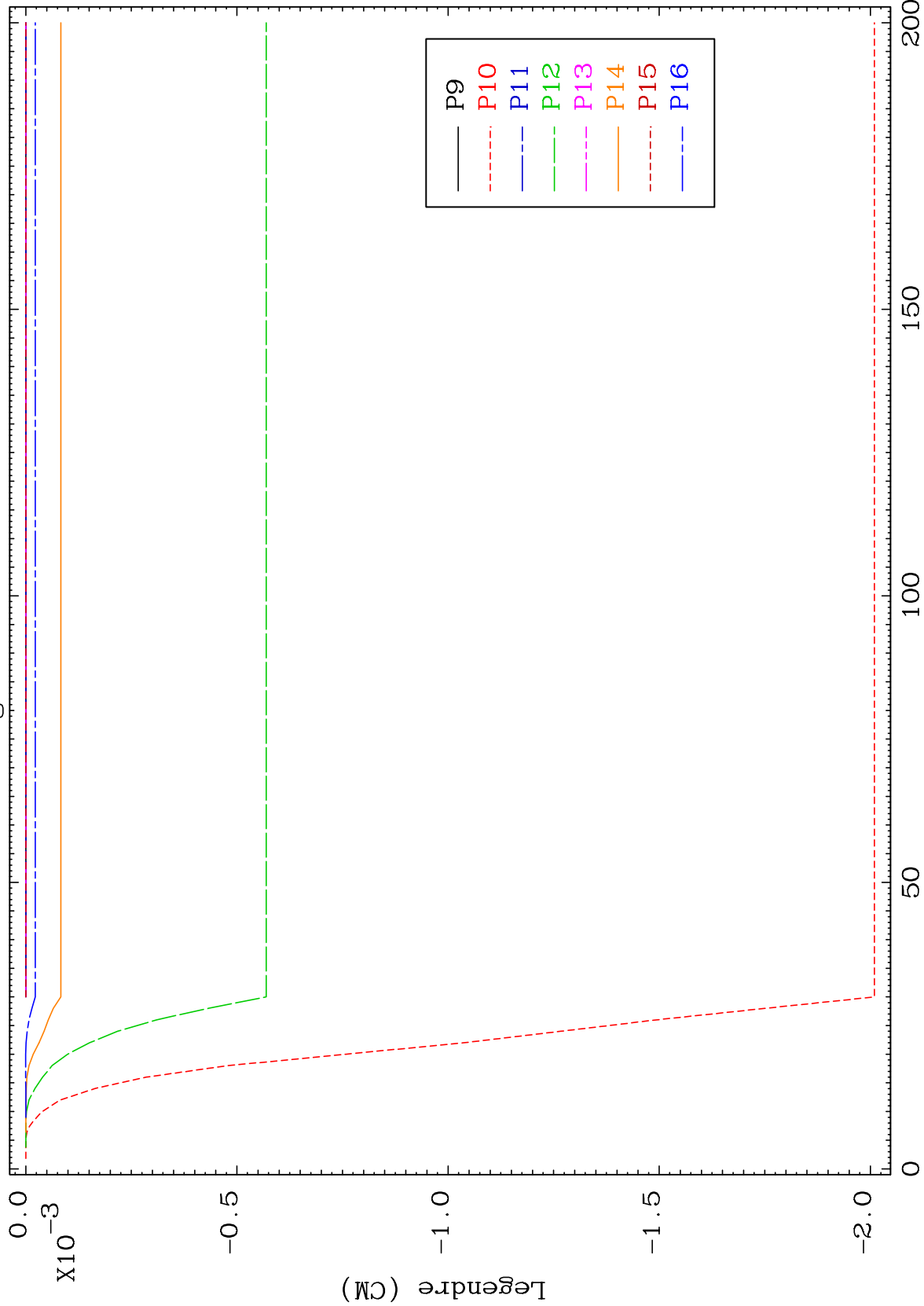
Incident Energy (MeV)

53-I -128

MAT 5328

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

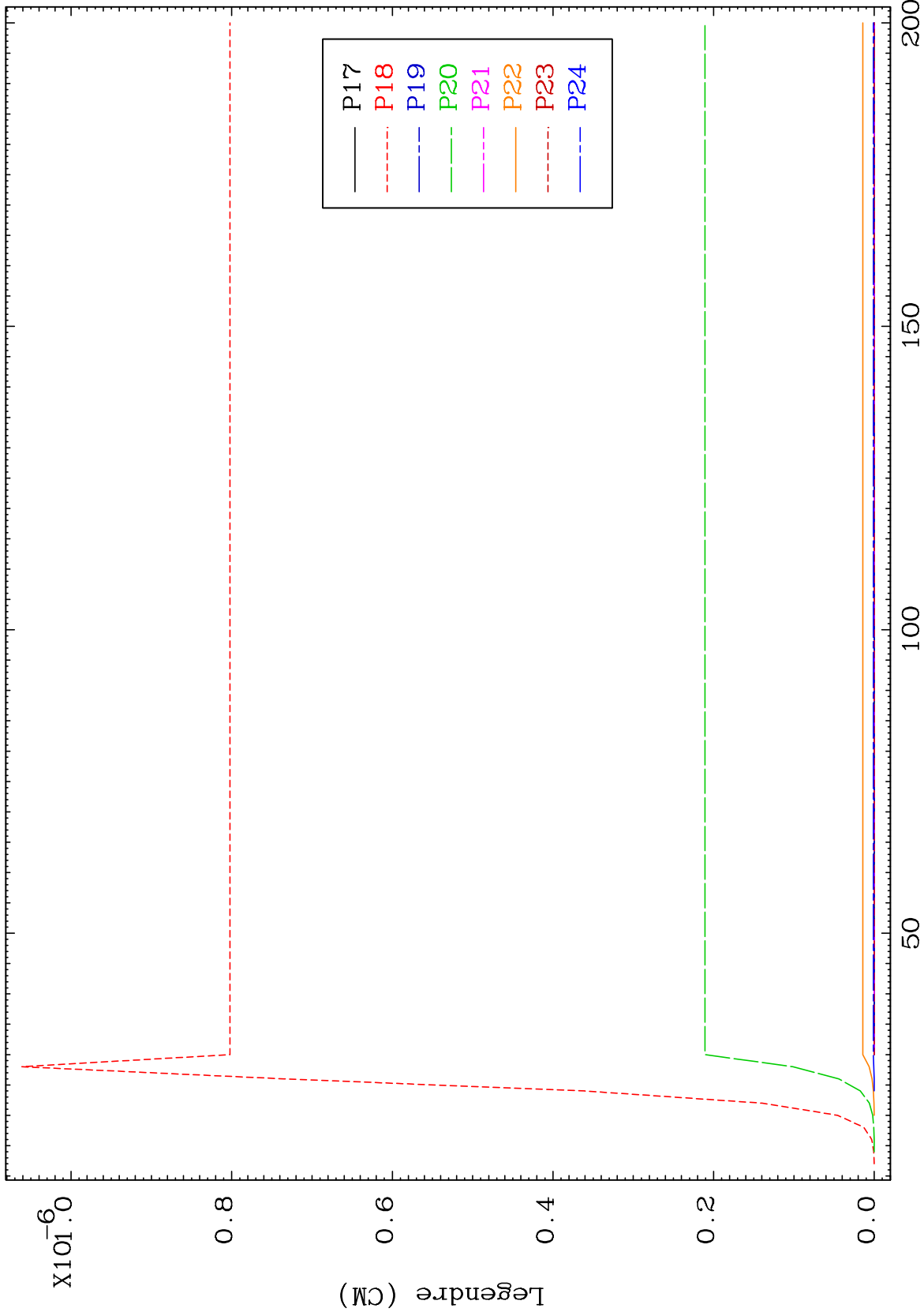
53-I -128

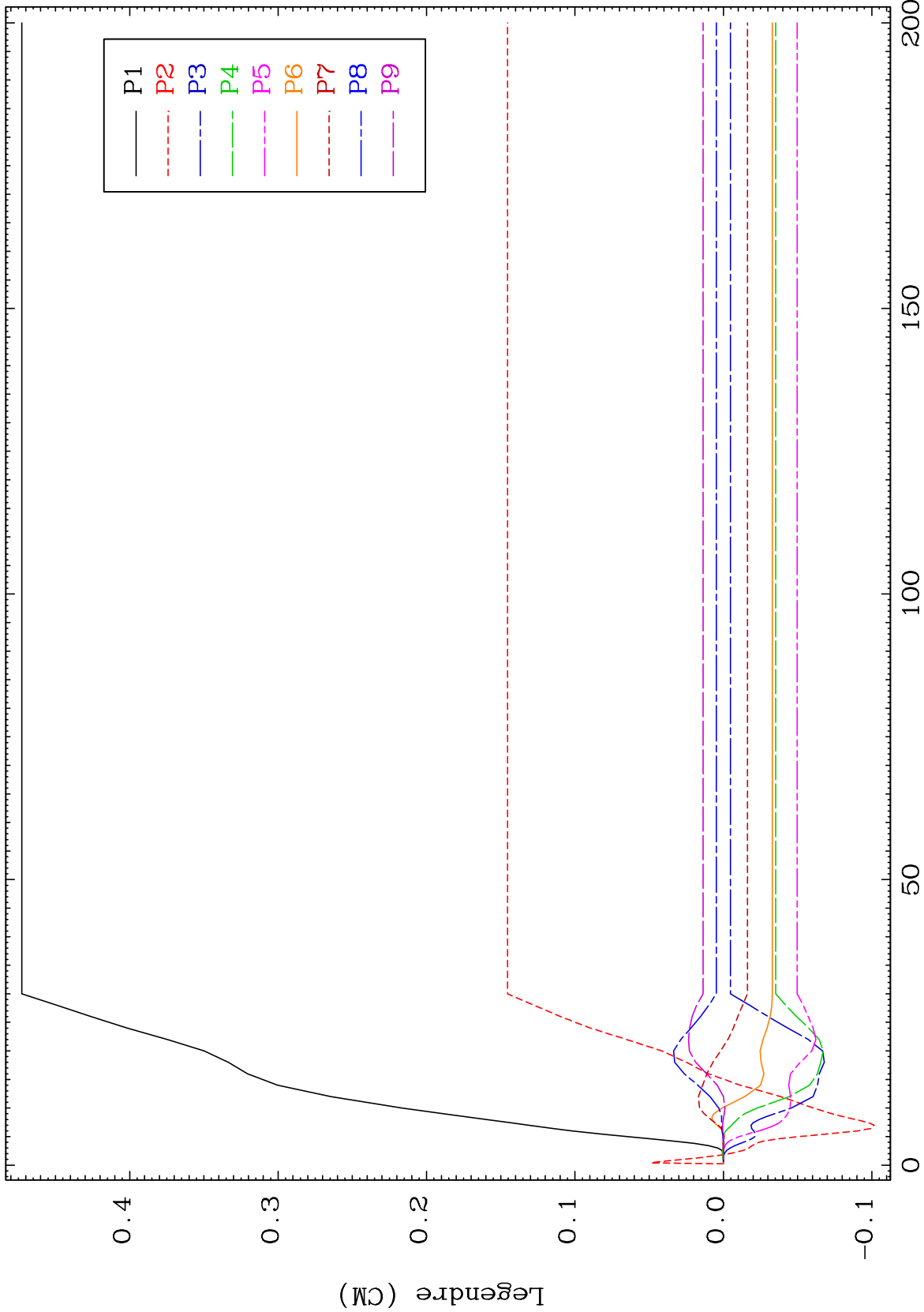


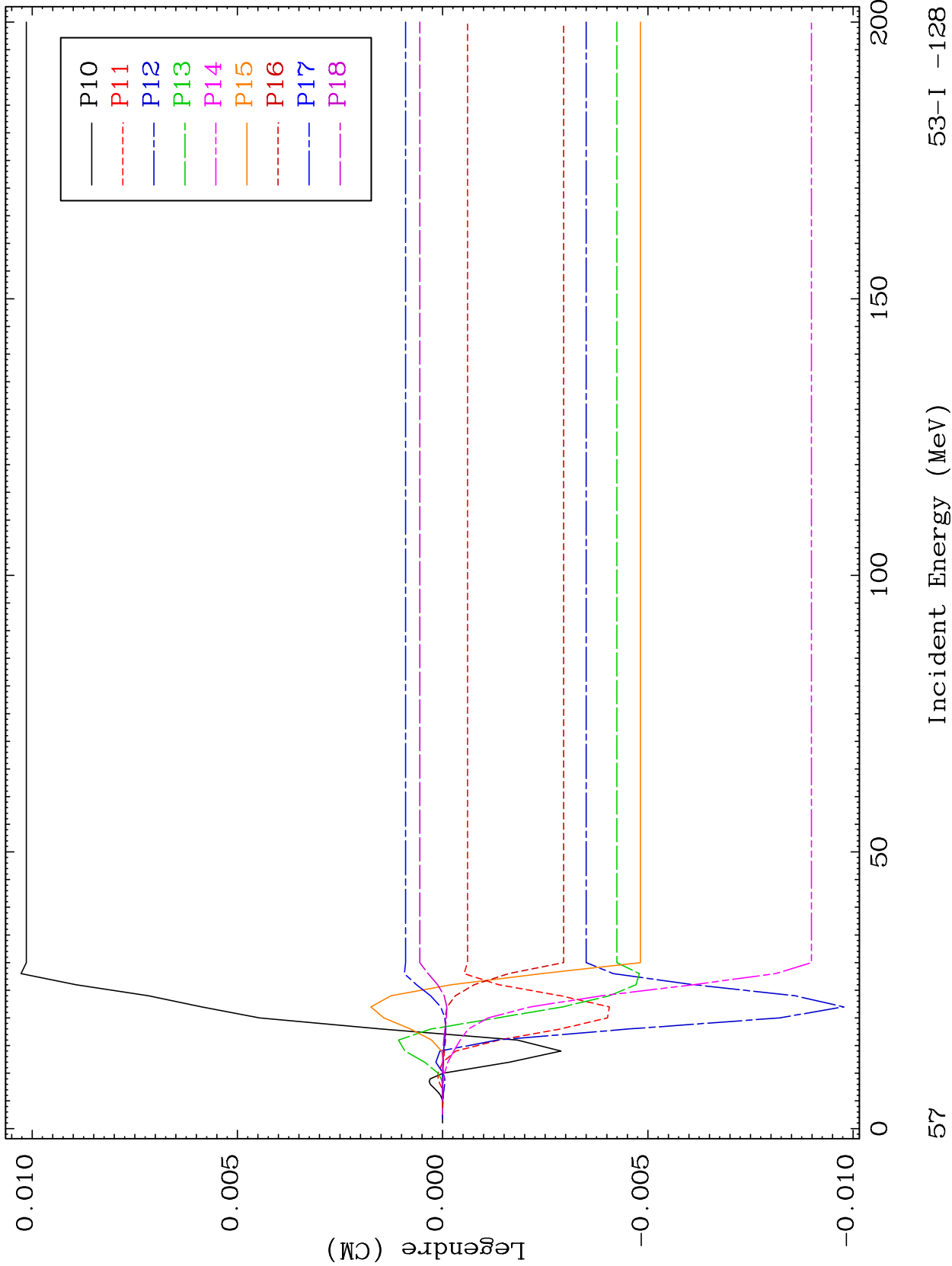
54

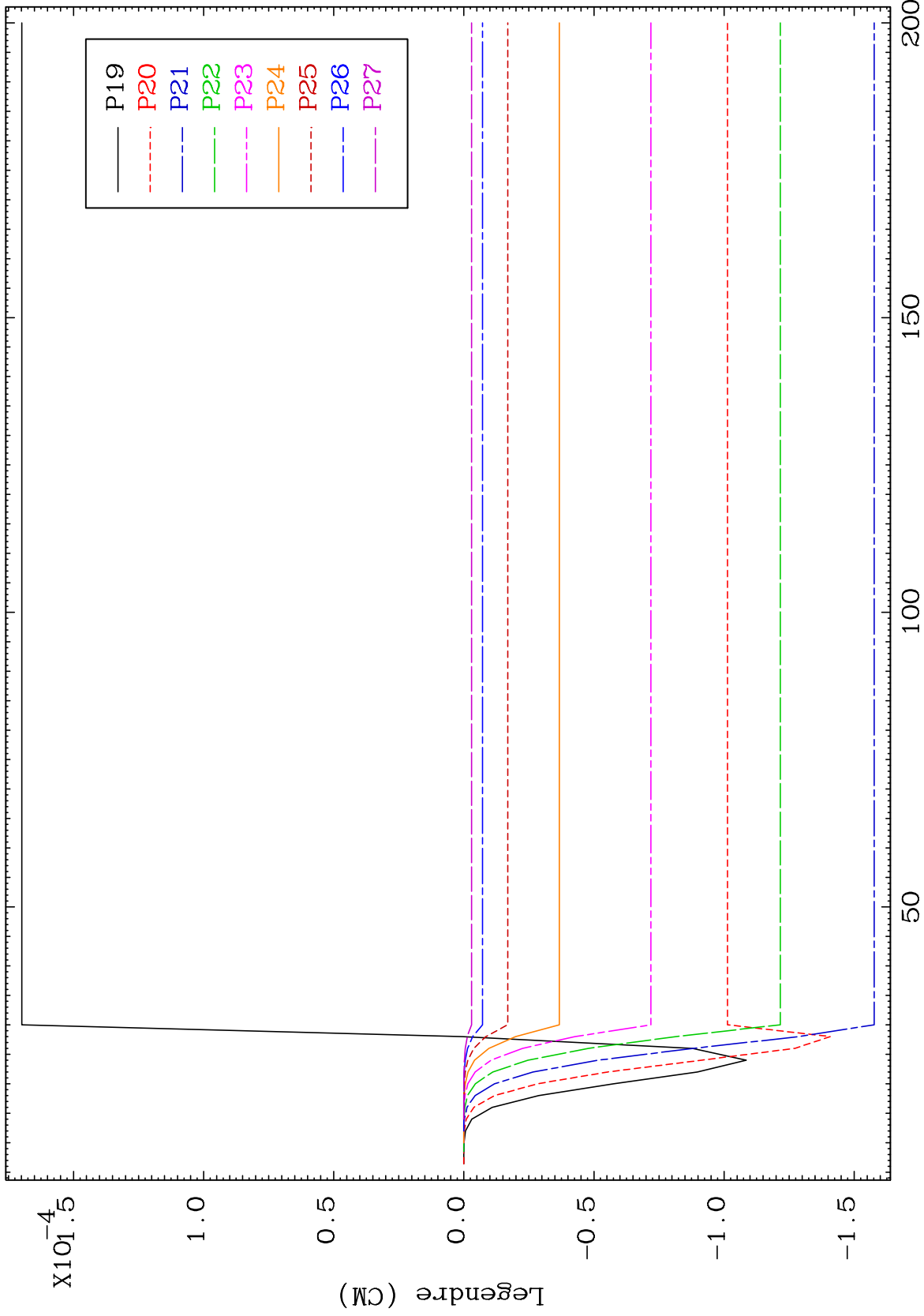
Incident Energy (MeV)

53-I -128





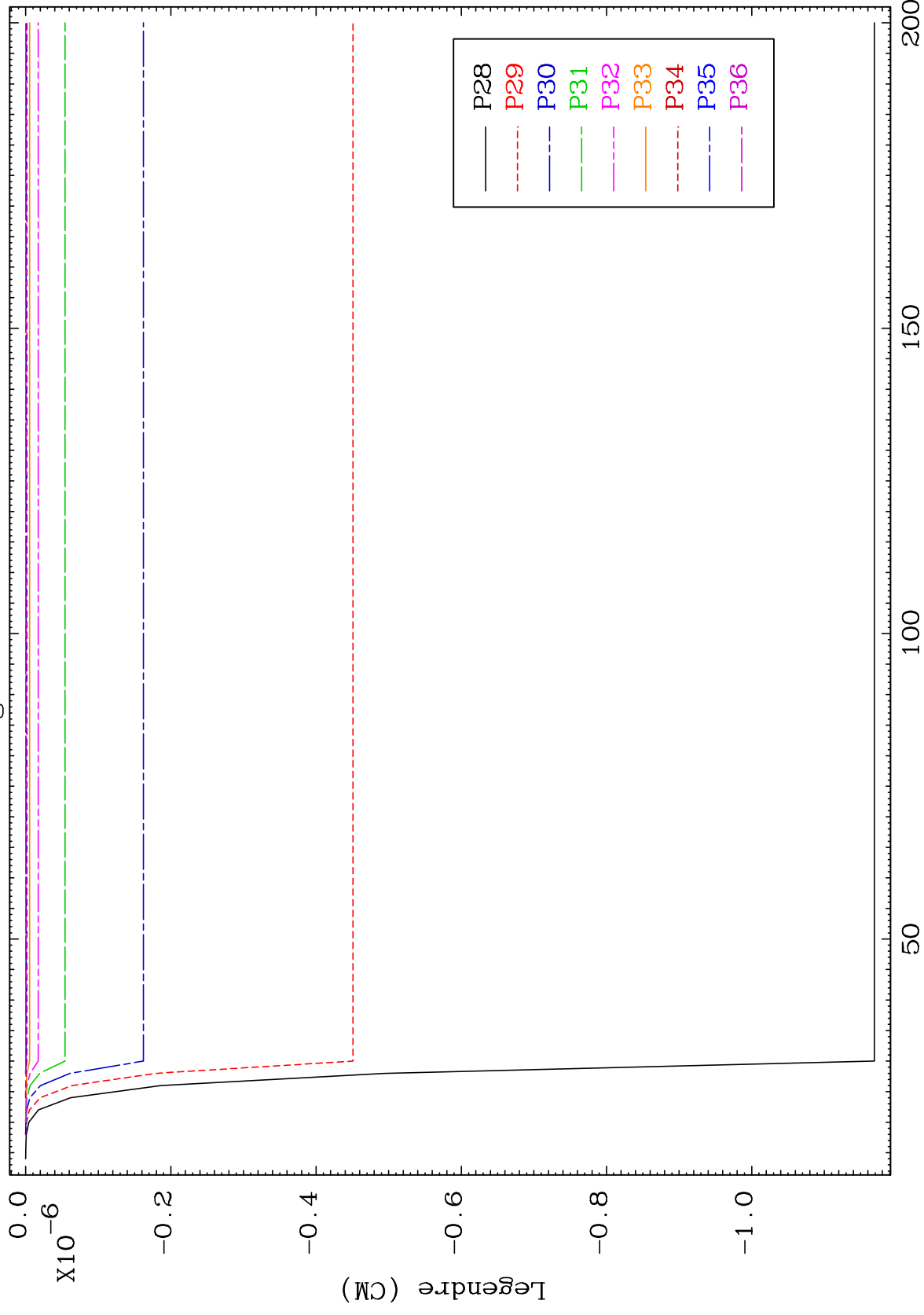




MAT 5328

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

53-I -128



59

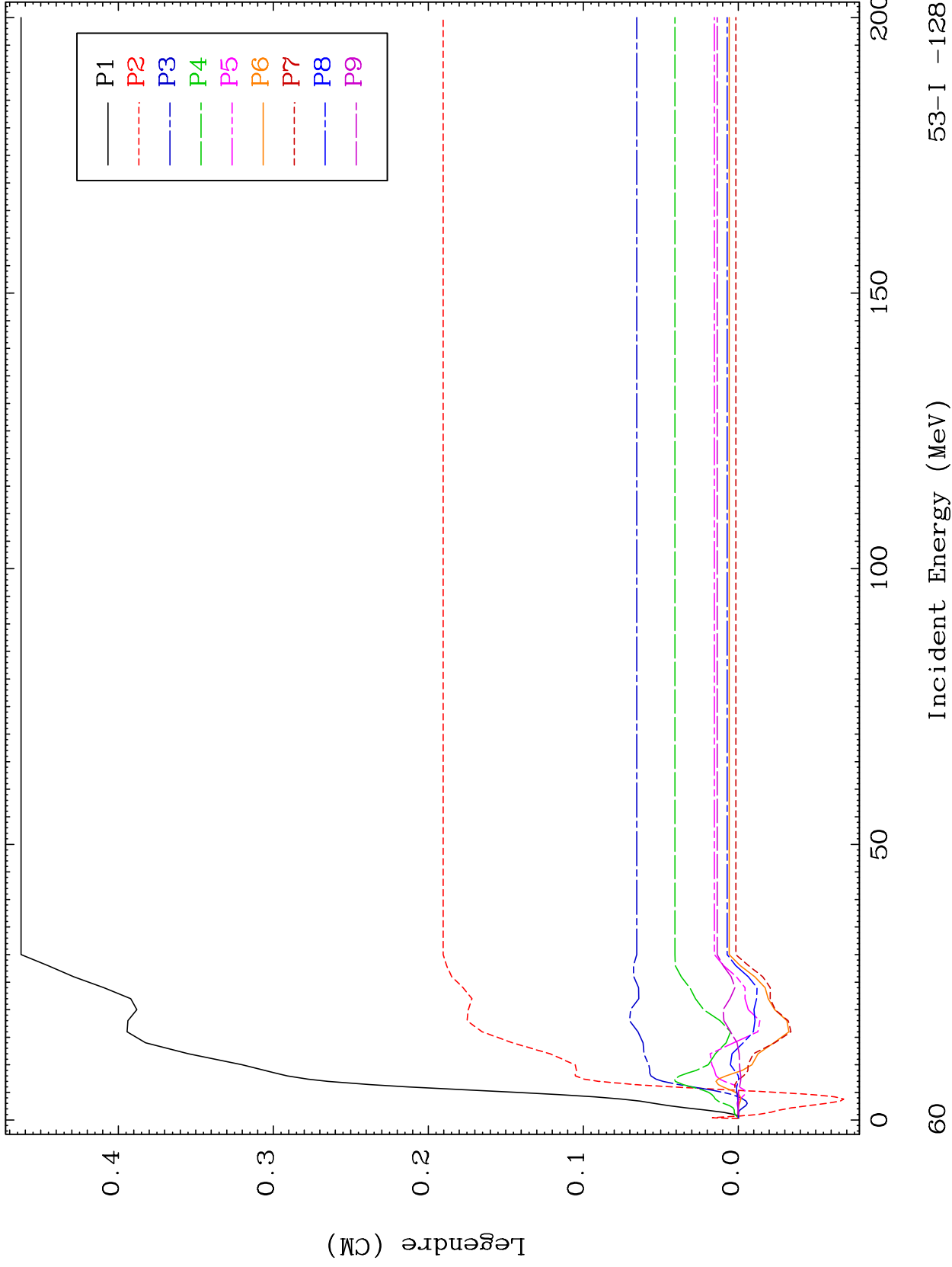
Incident Energy (MeV)

53-I -128

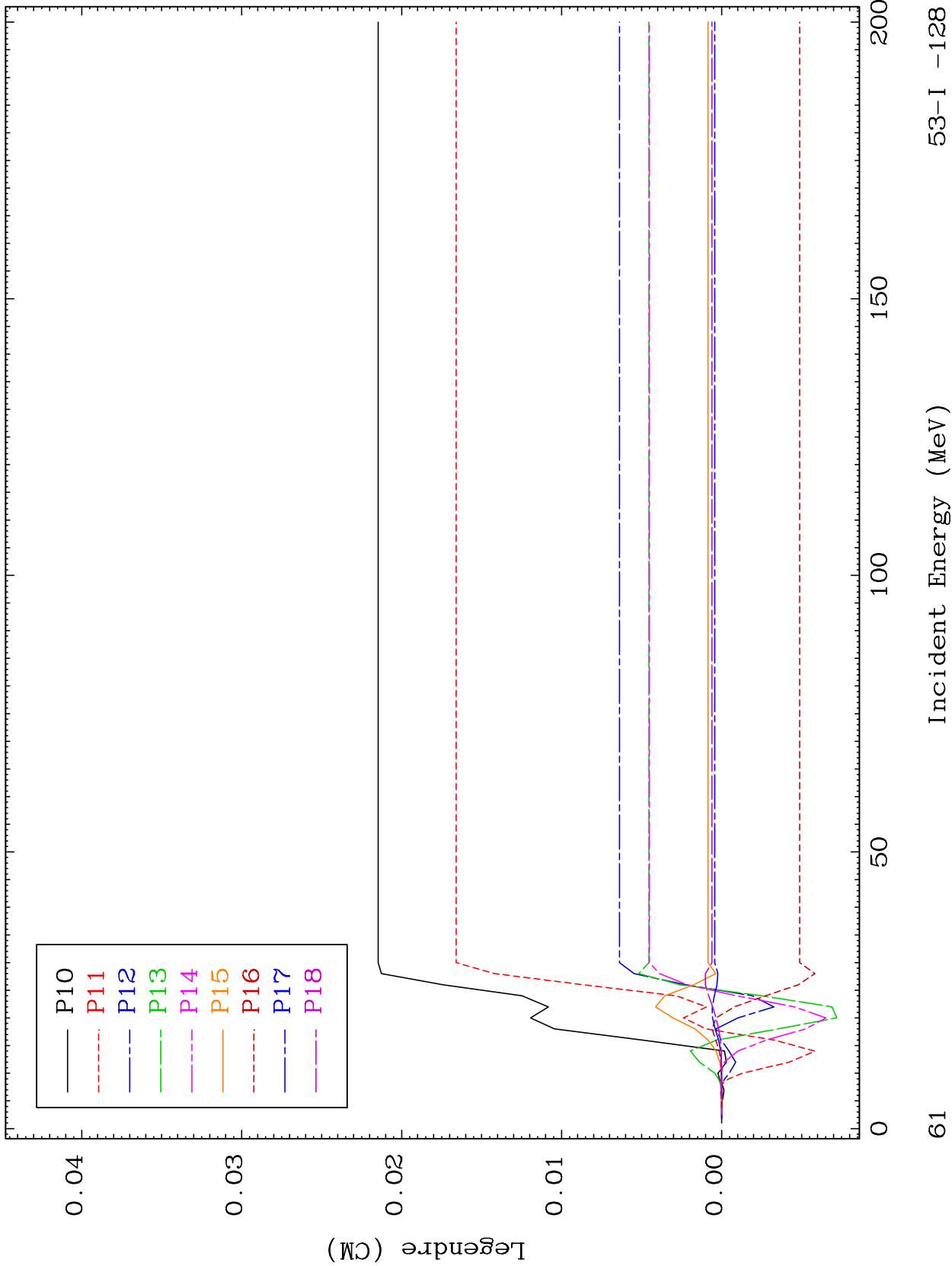
MAT 5328

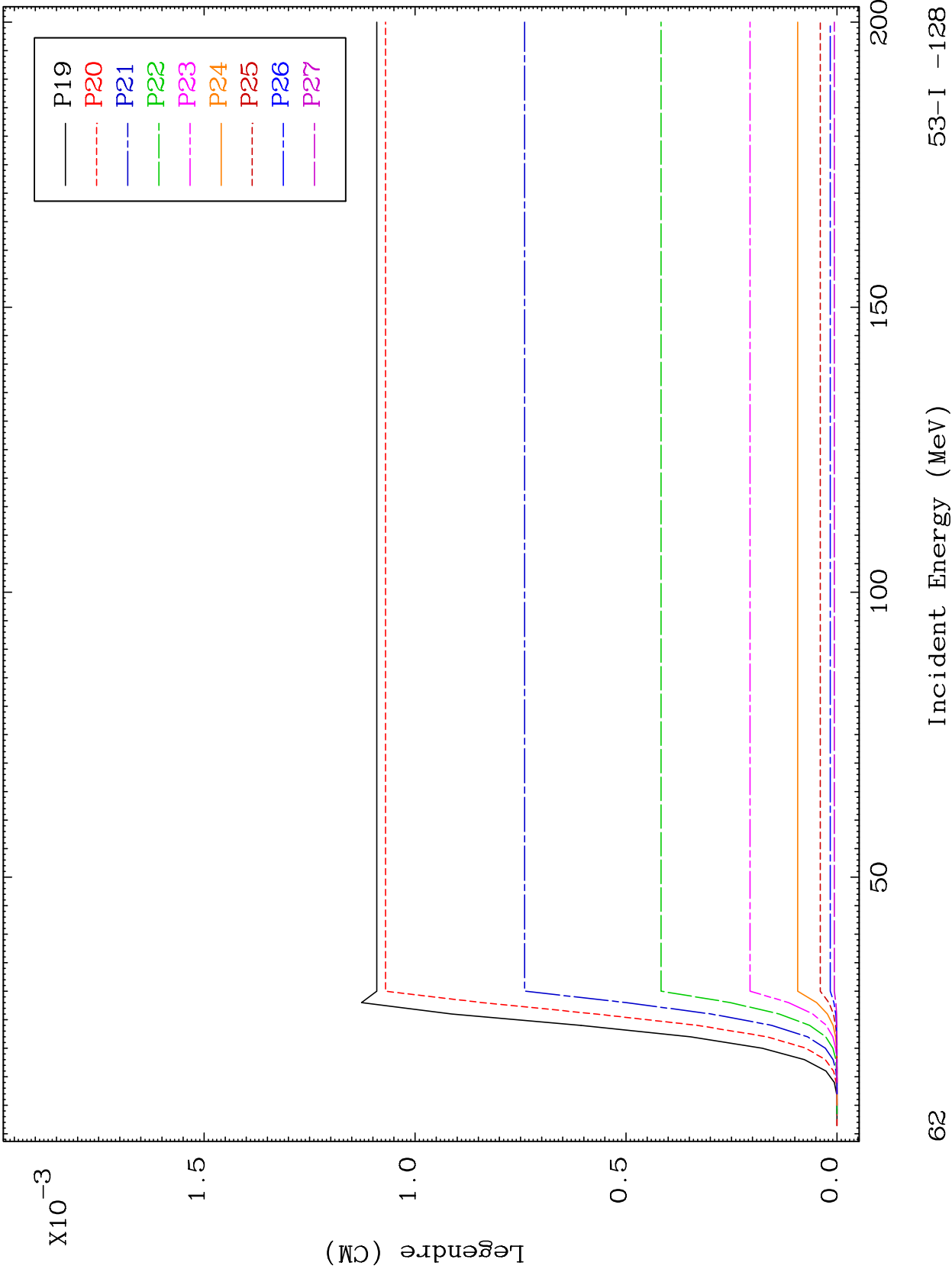
MT= 63 (n,n') Level
Legendre Coefficients

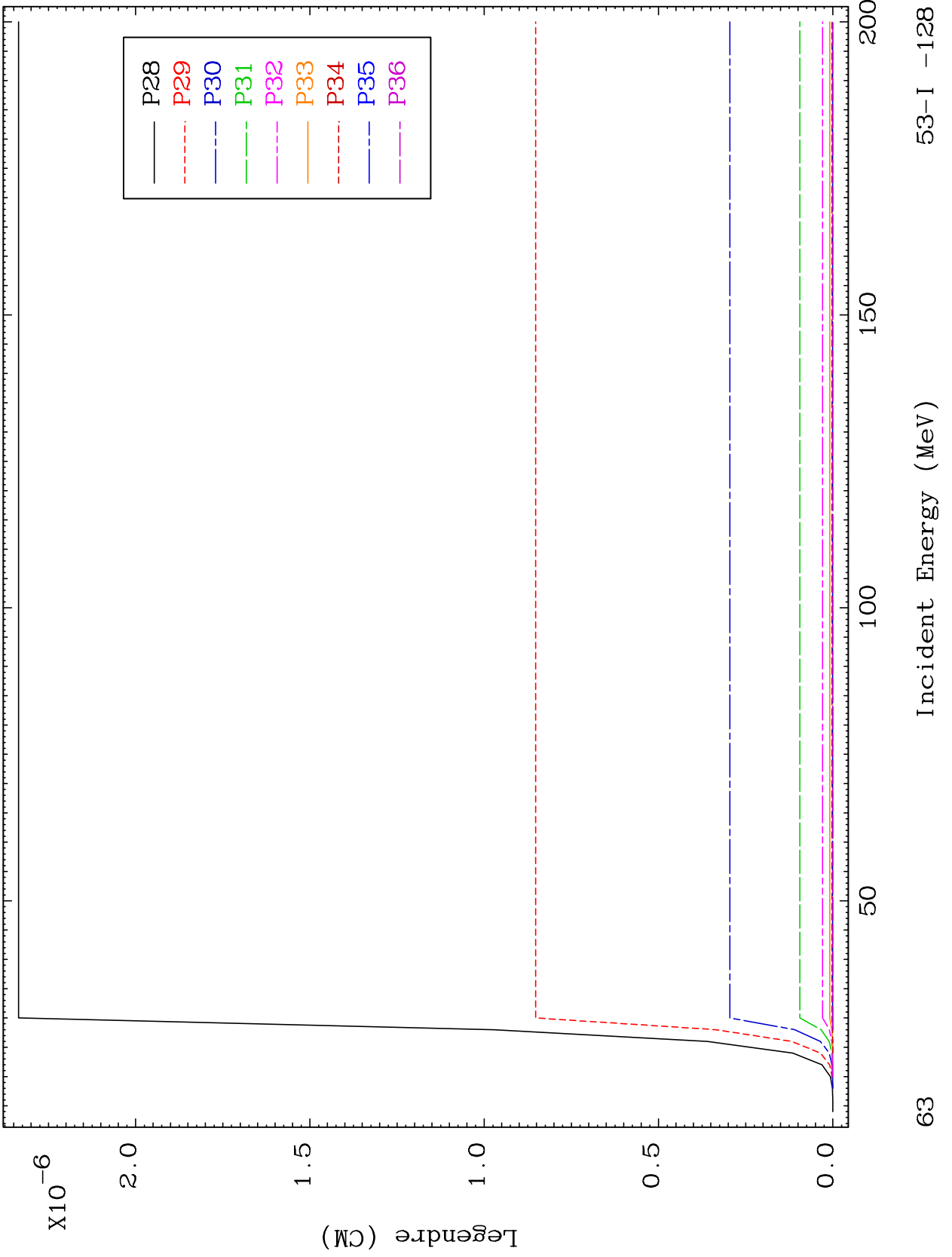
53-I -128

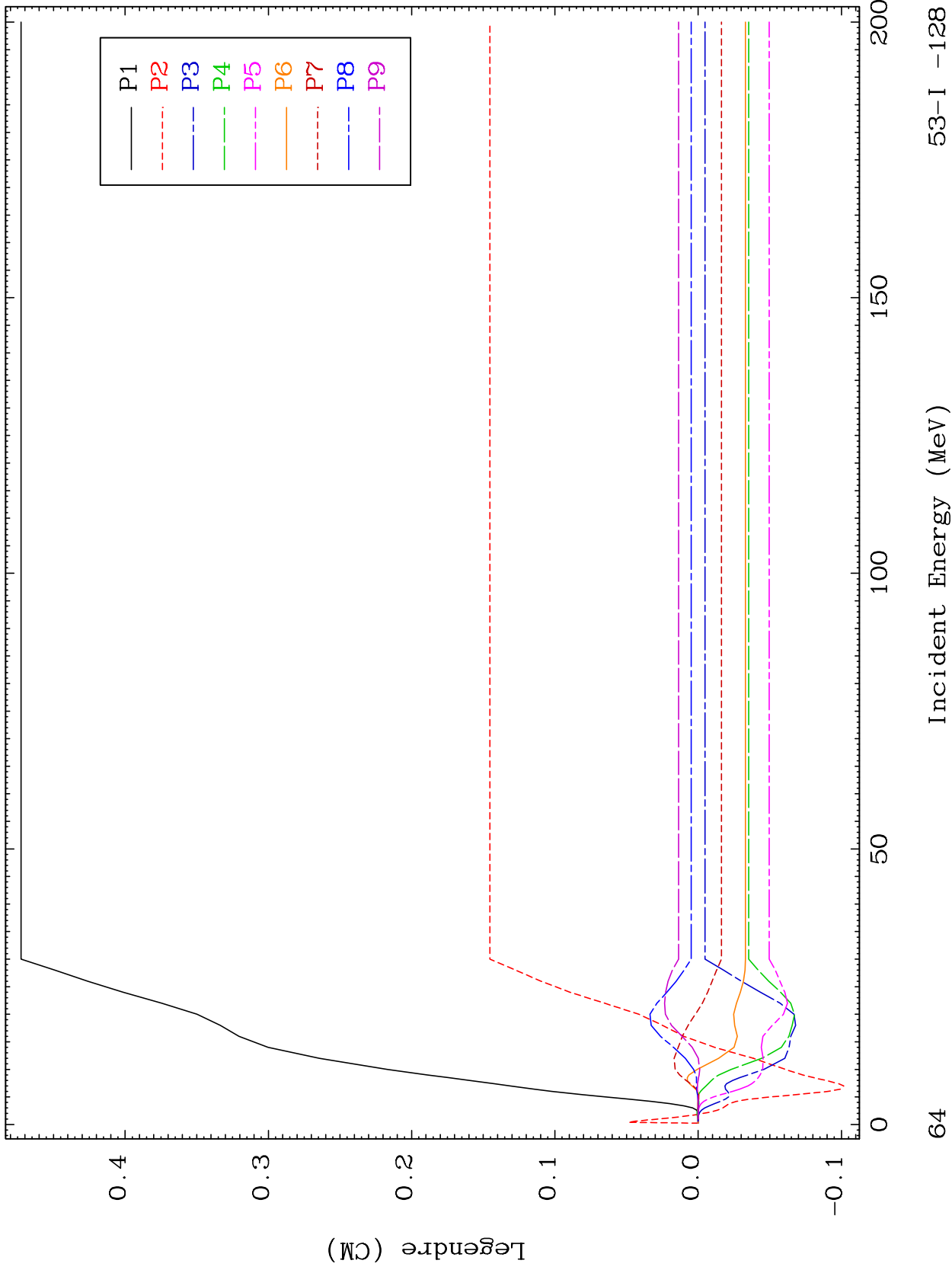


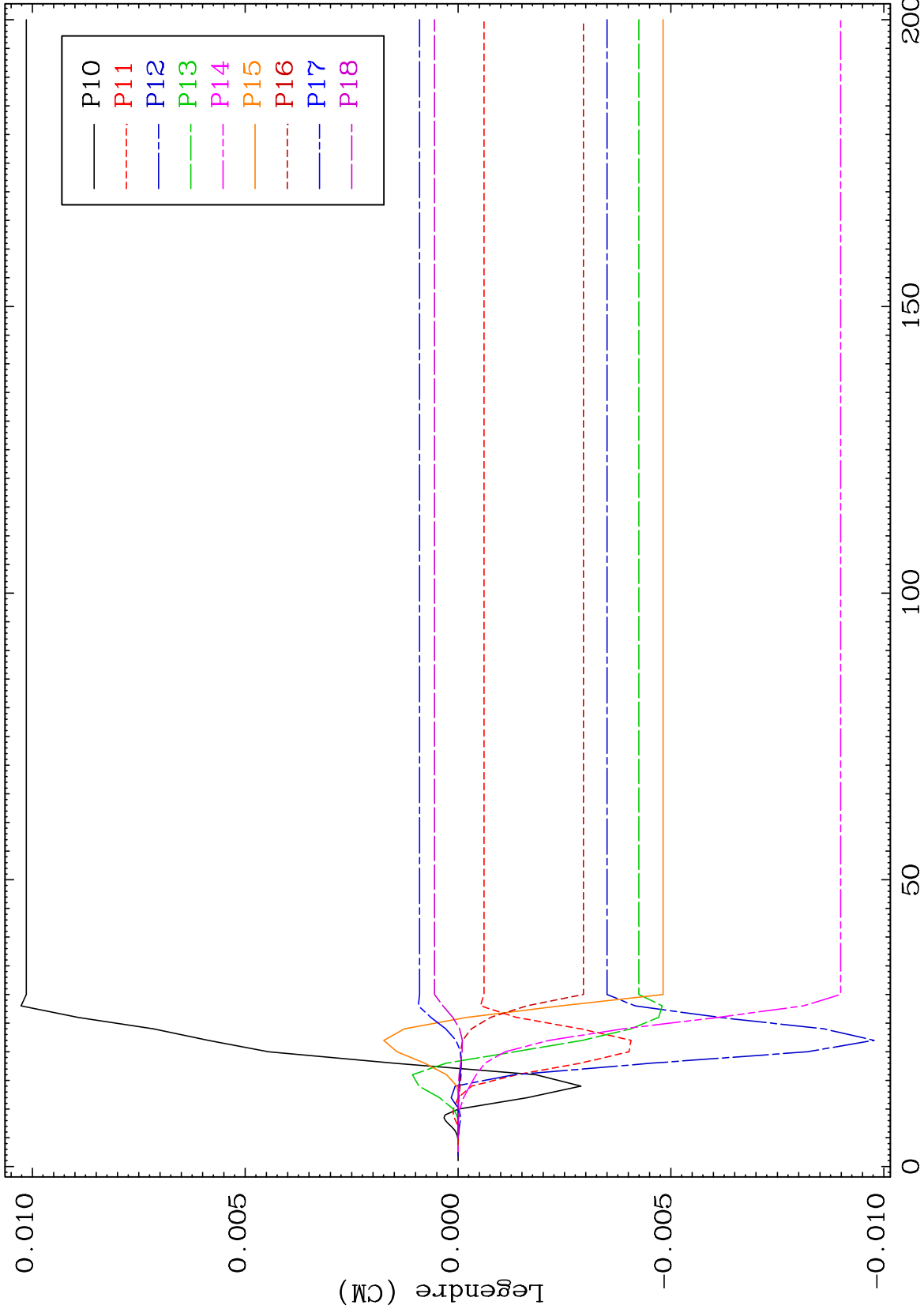
53-I -128

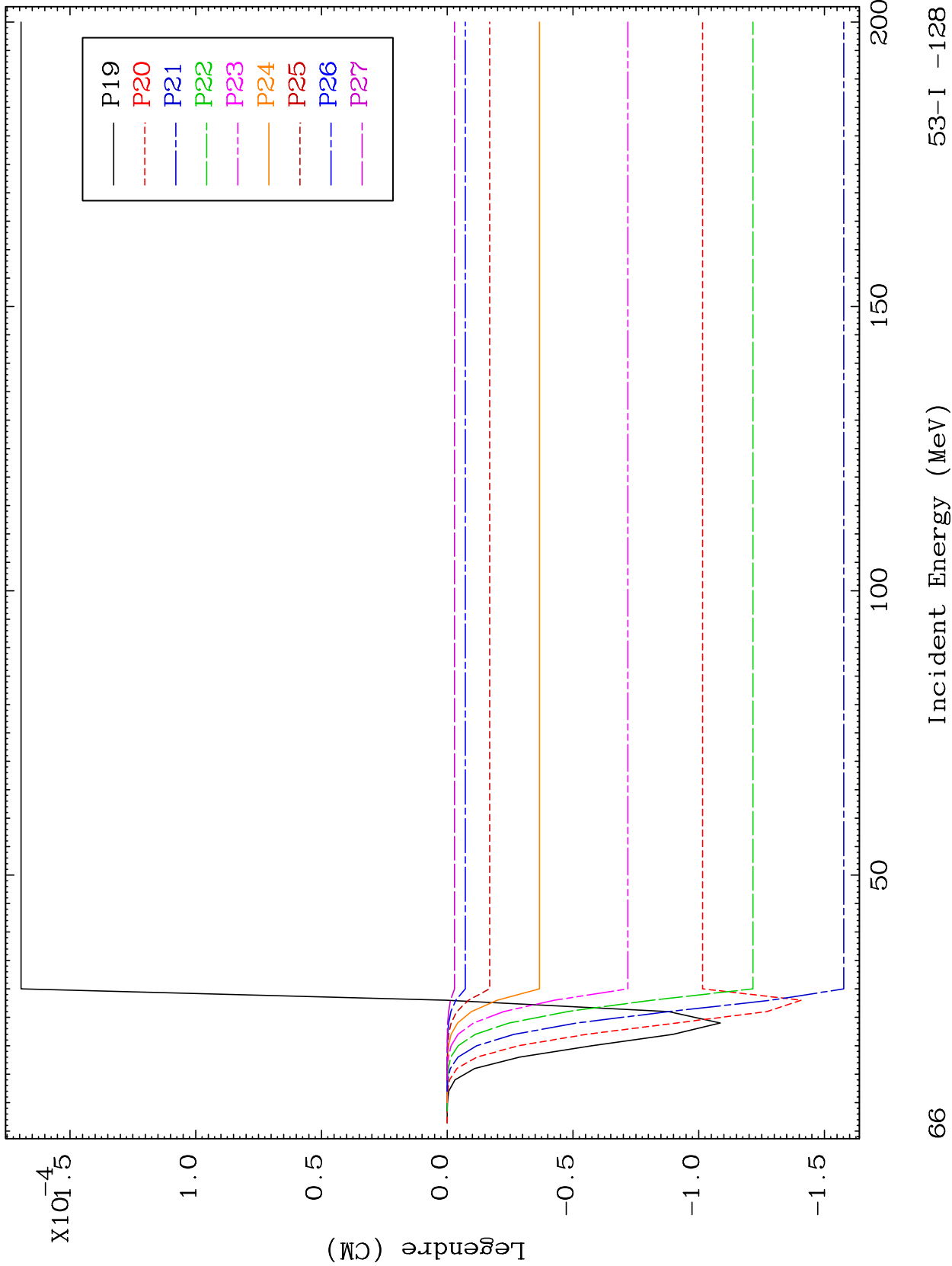








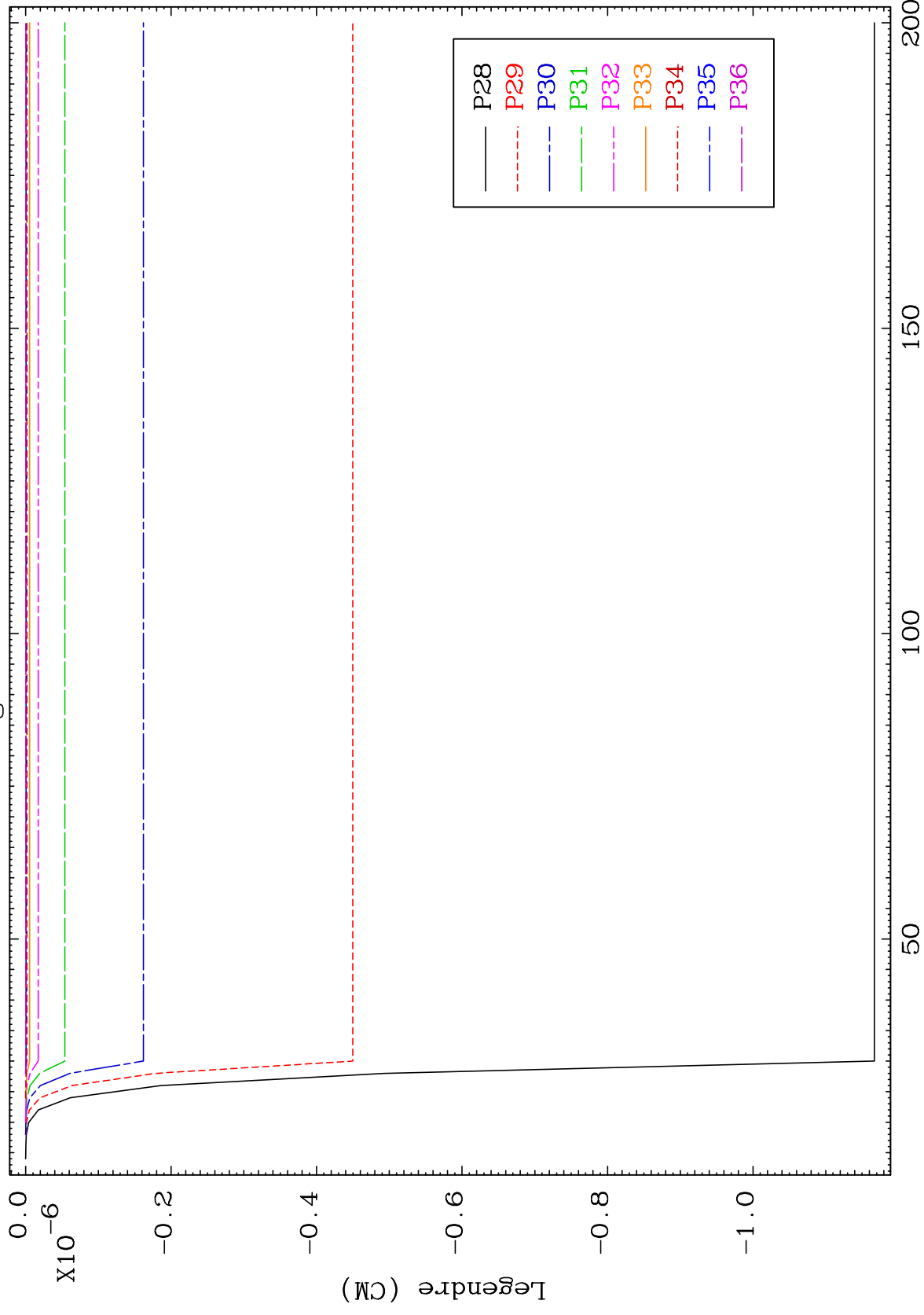




MAT 5328

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

53-I -128



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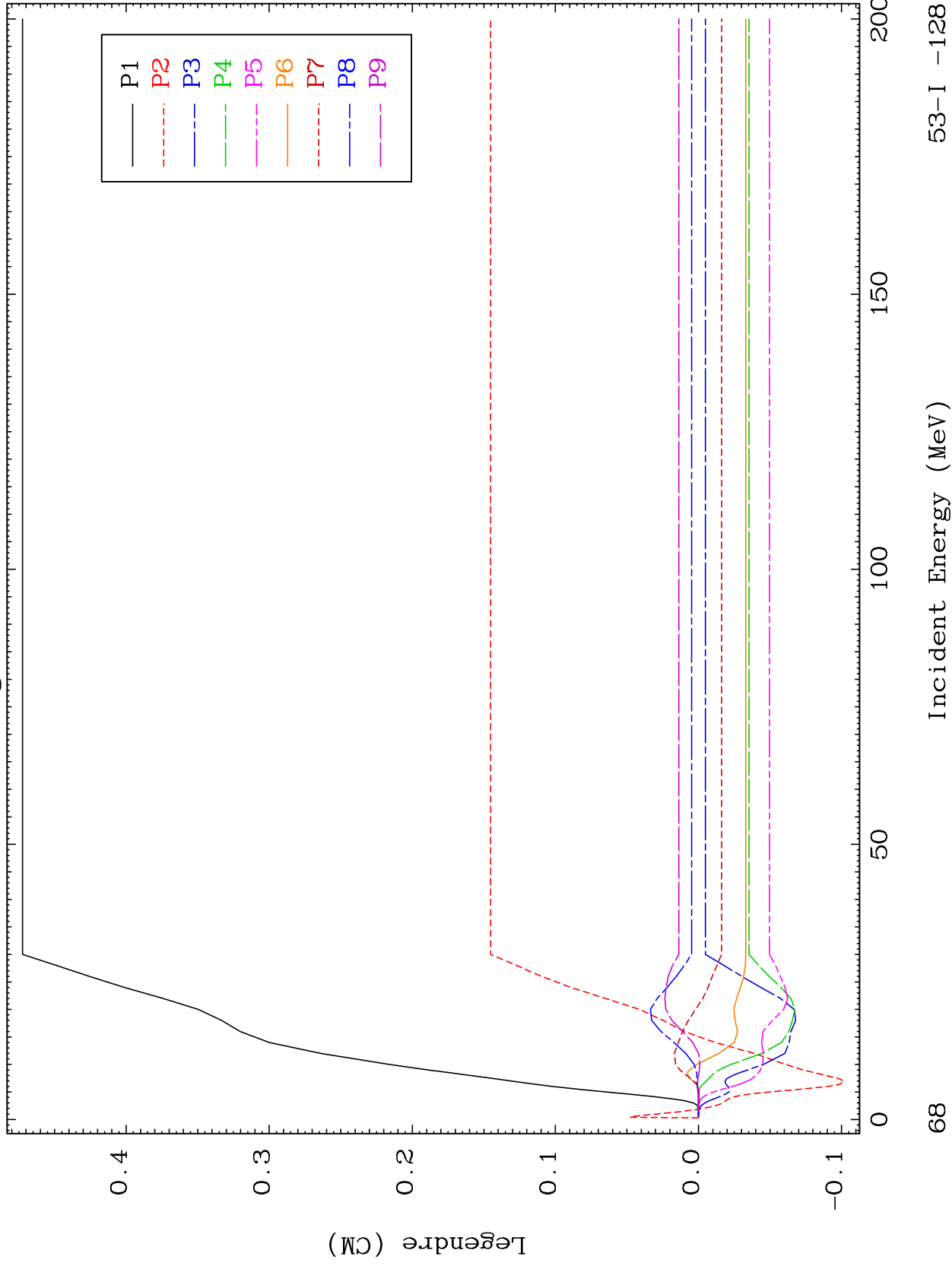
Incident Energy (MeV)

53-I -128

MAT 5328

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

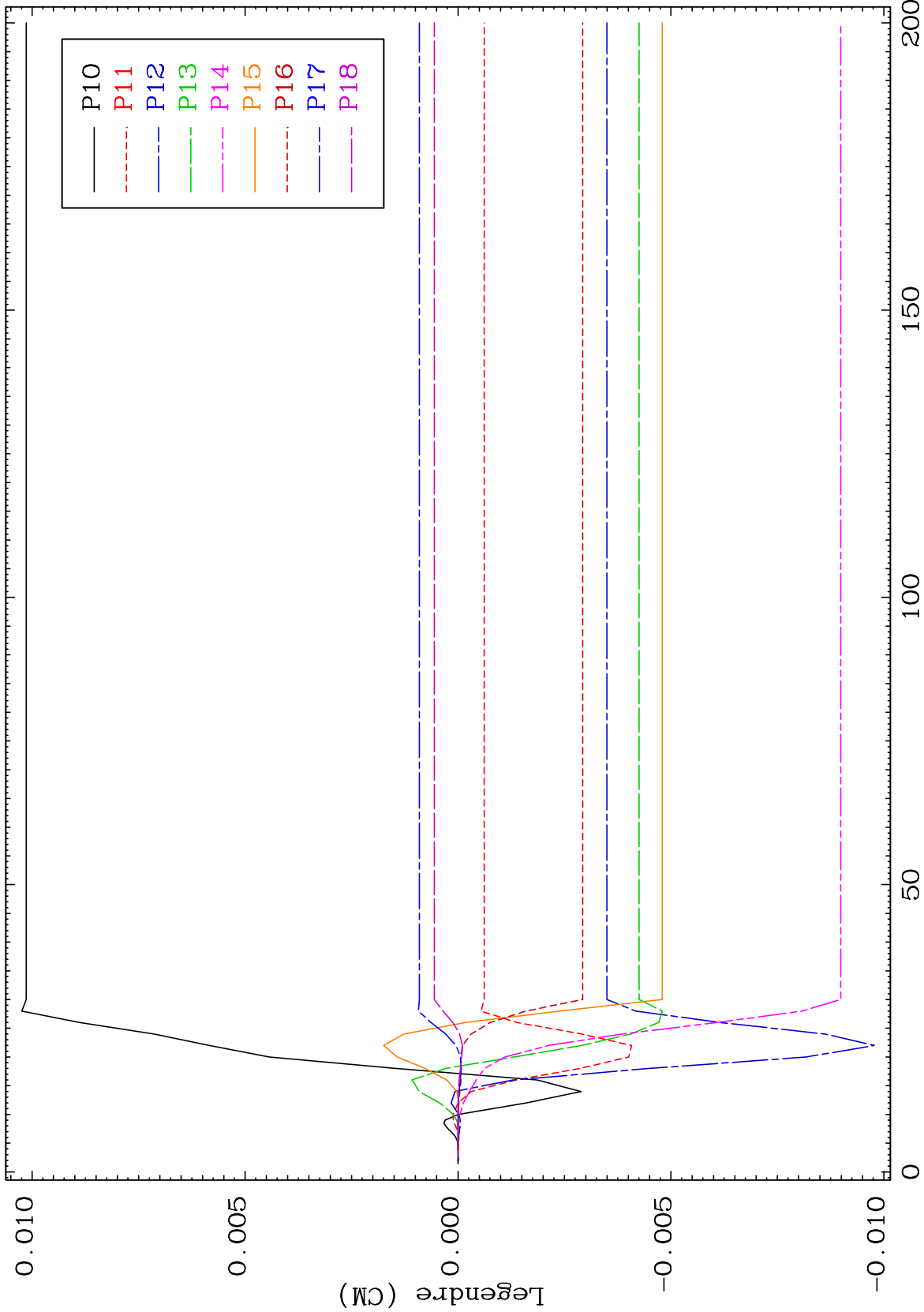
53-I -128

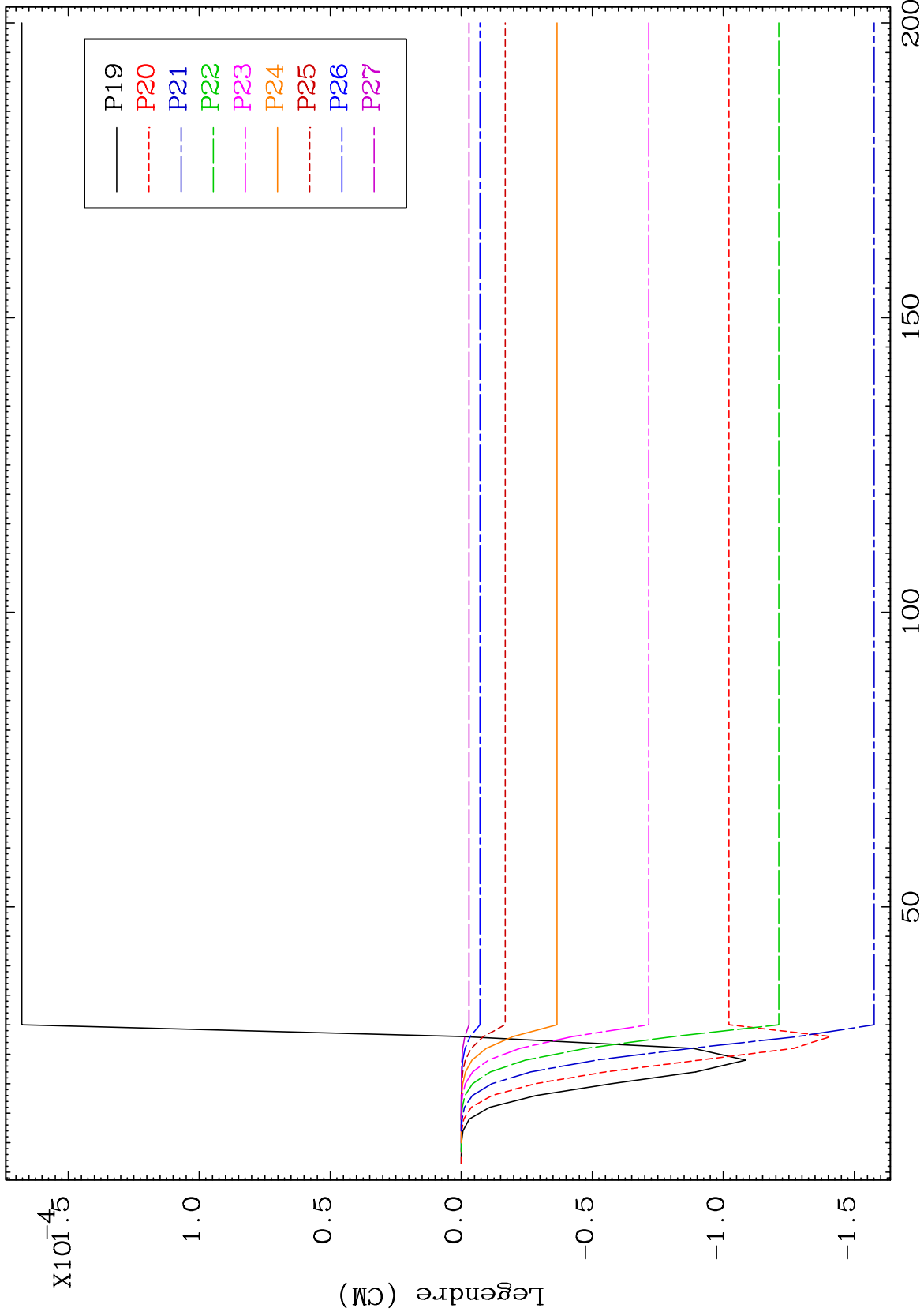


53-I -128

Incident Energy (MeV)

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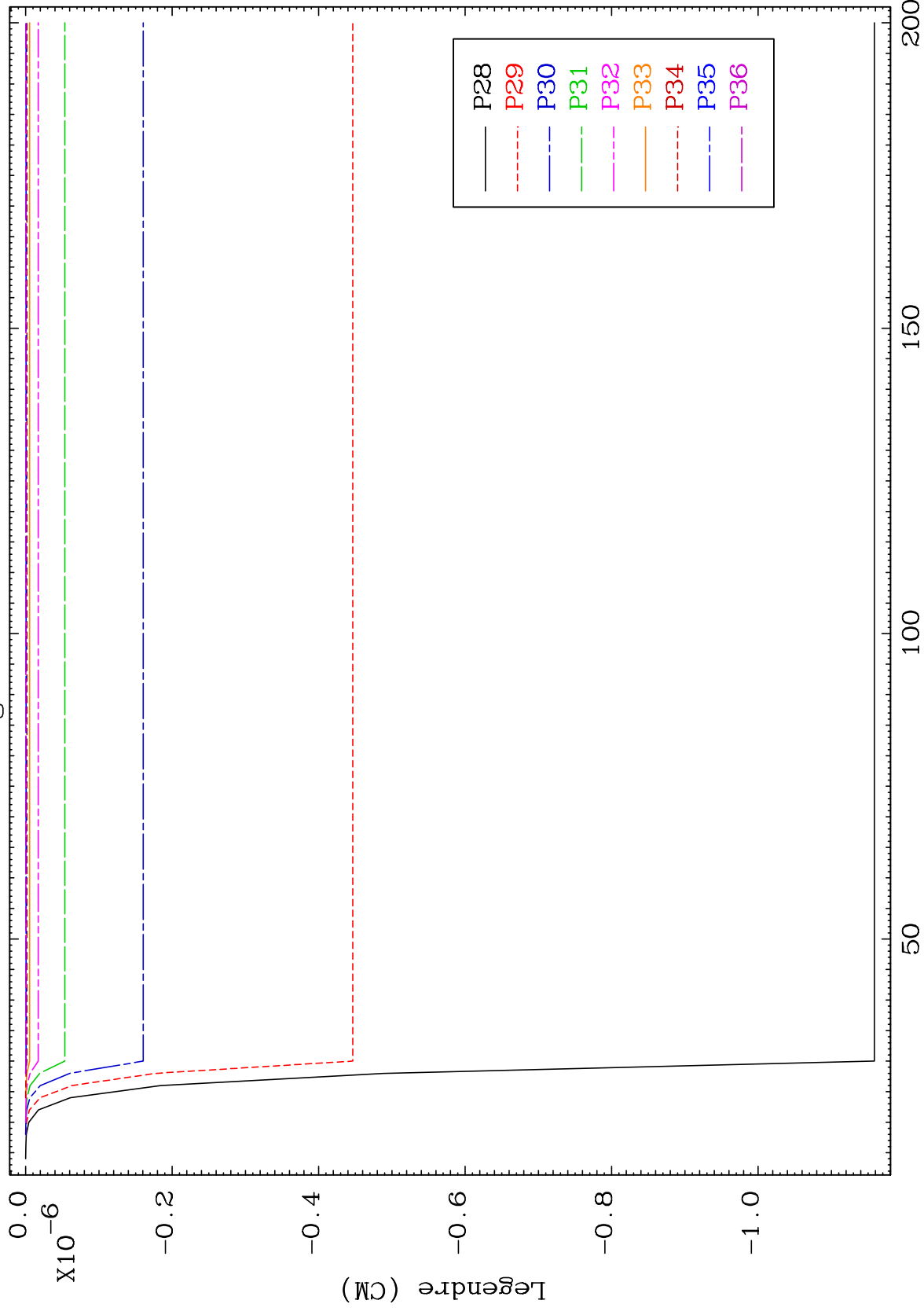




MAT 5328

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

53-I -128



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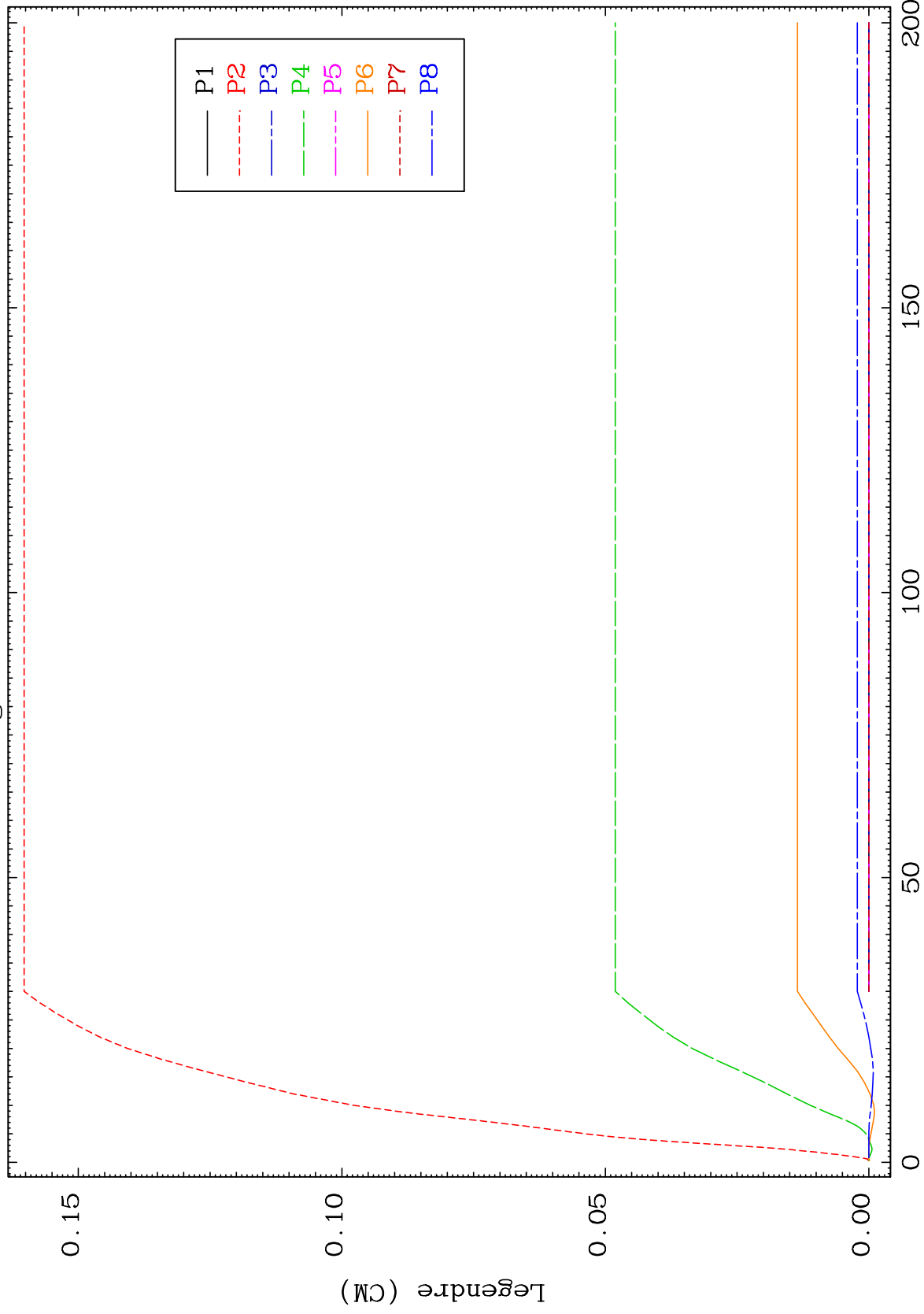
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



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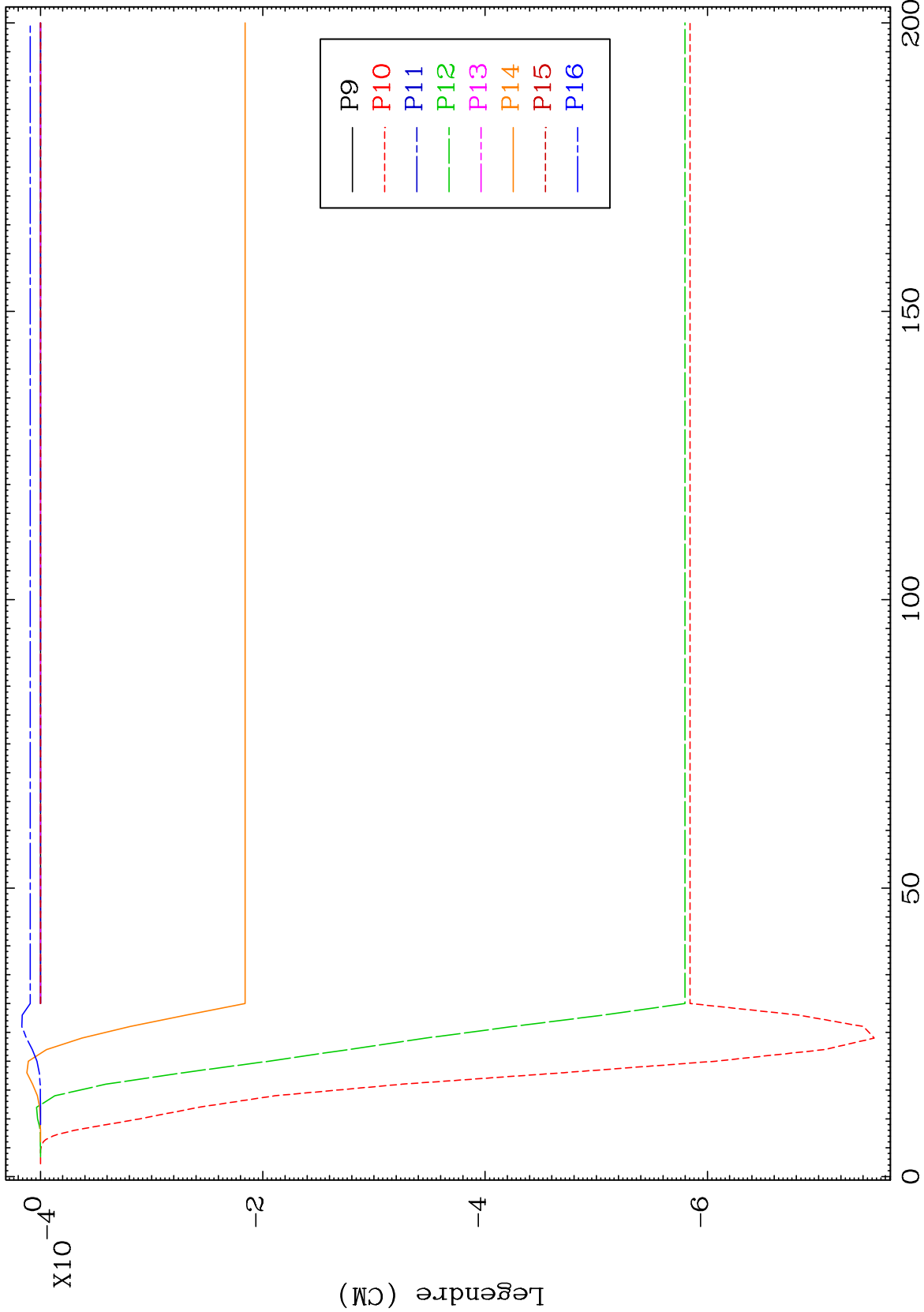
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



73

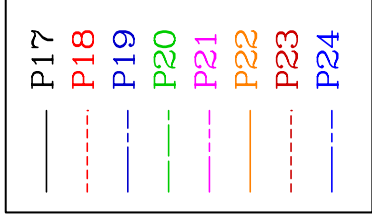
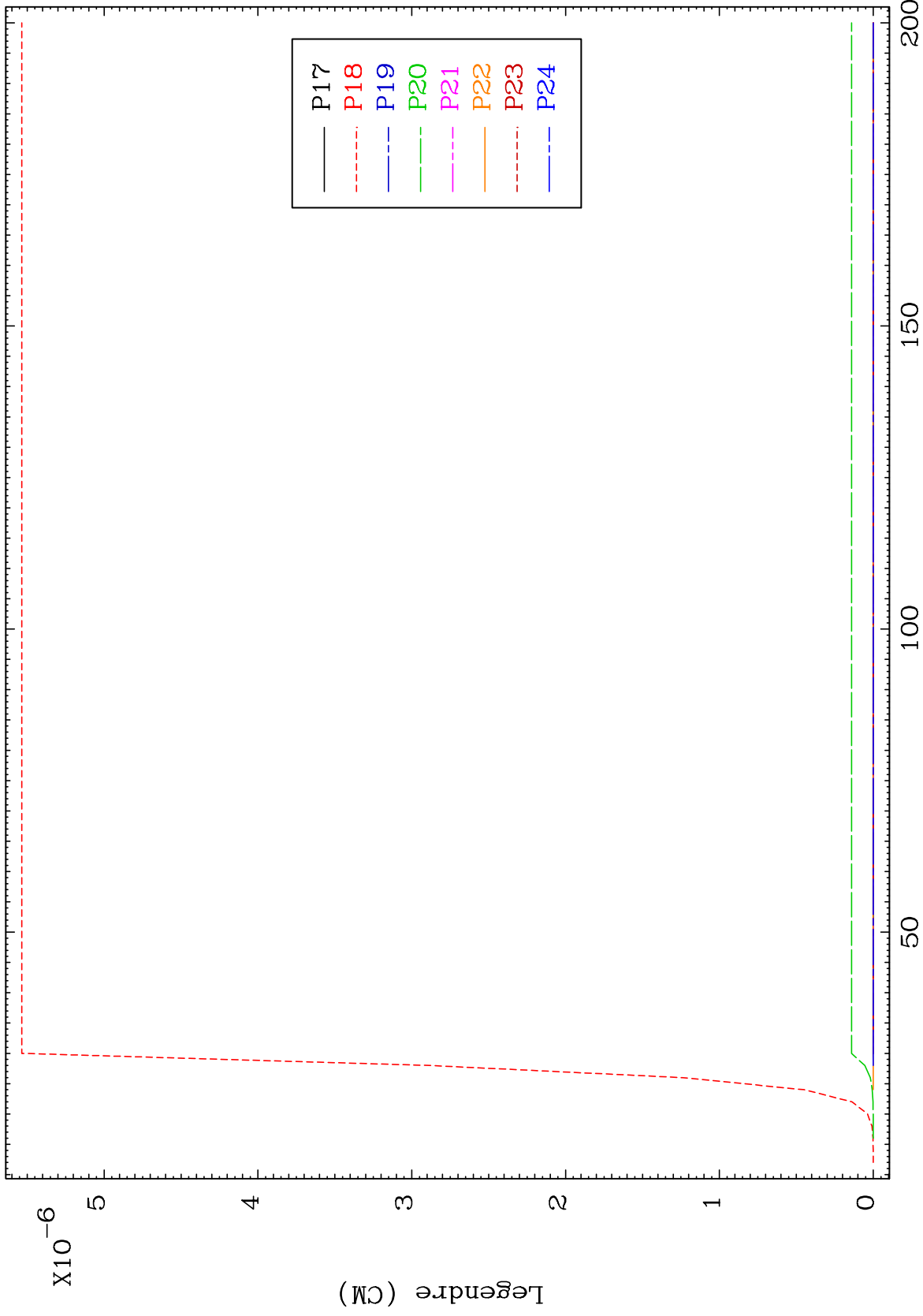
Incident Energy (MeV)

53-I -128

MAT 5328

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

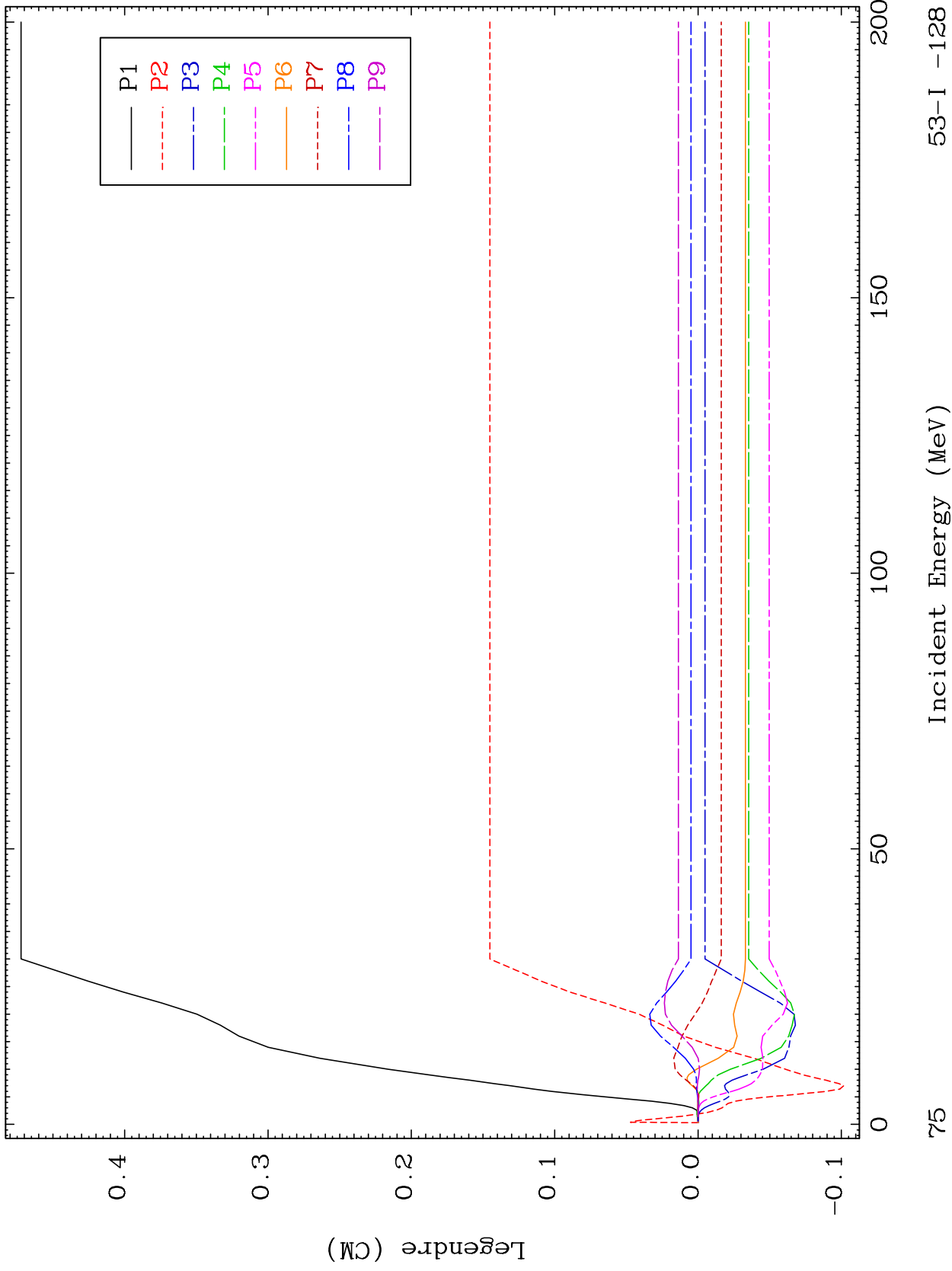
53-I -128

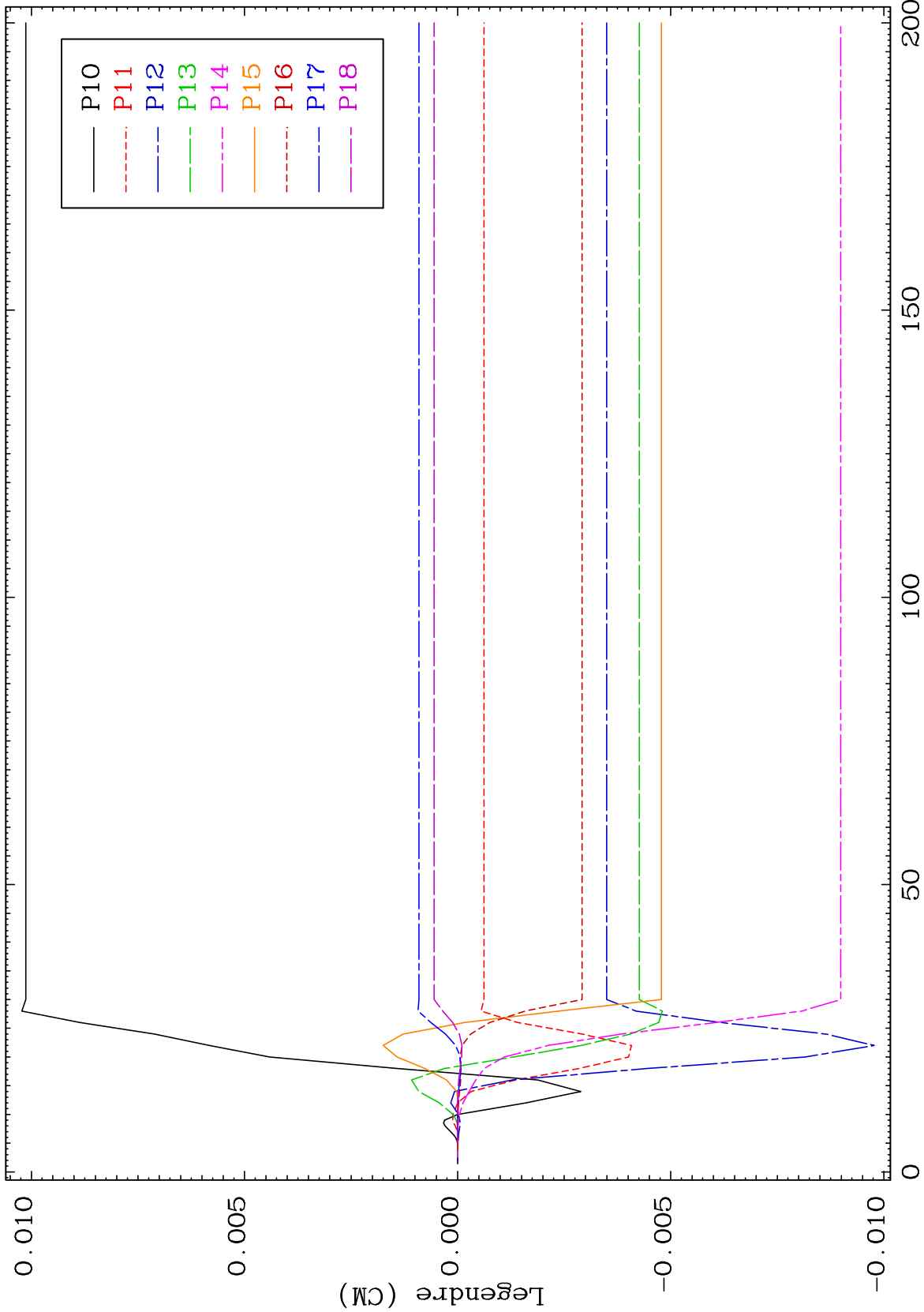


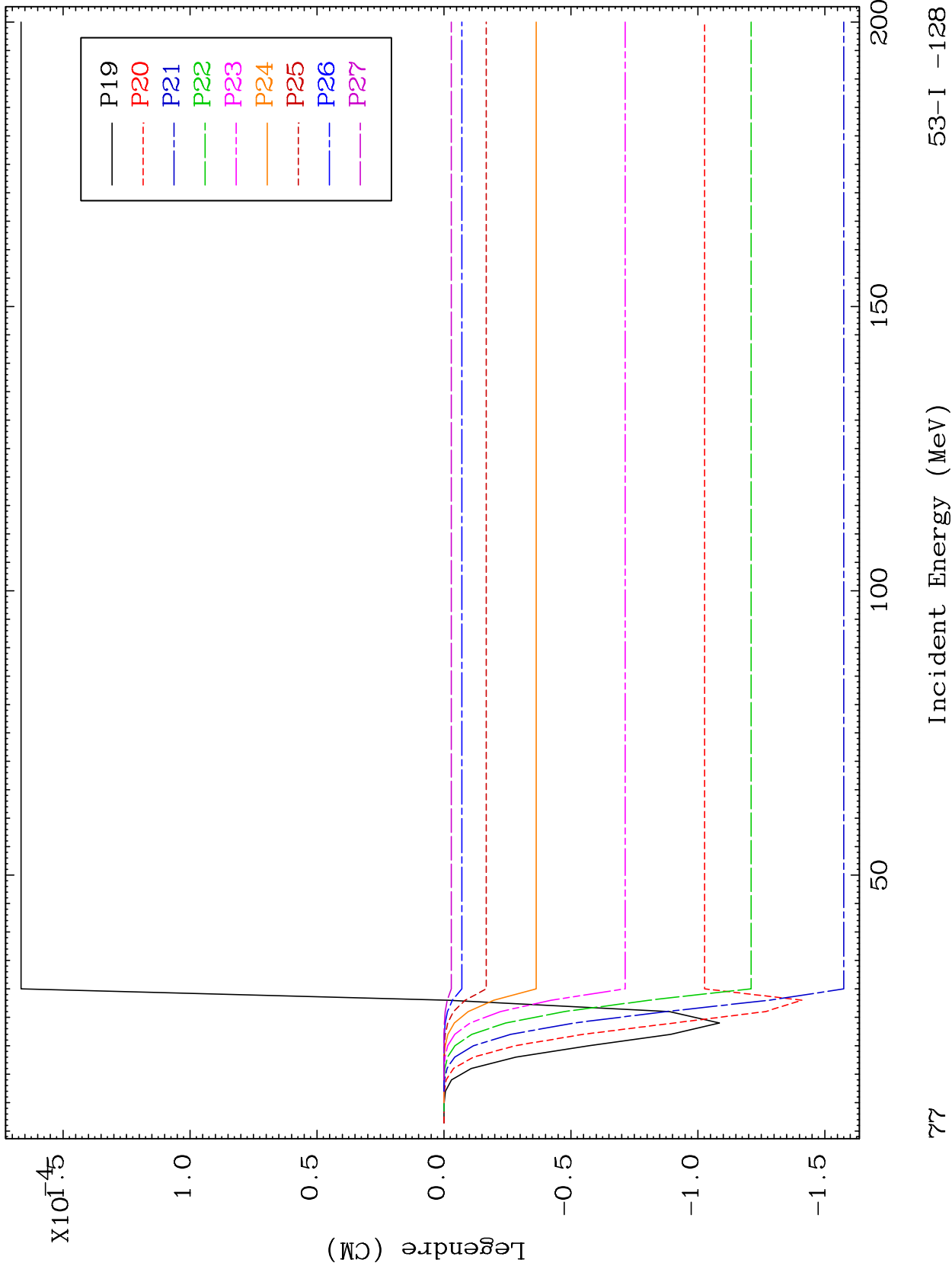
74

Incident Energy (MeV)

53-I -128



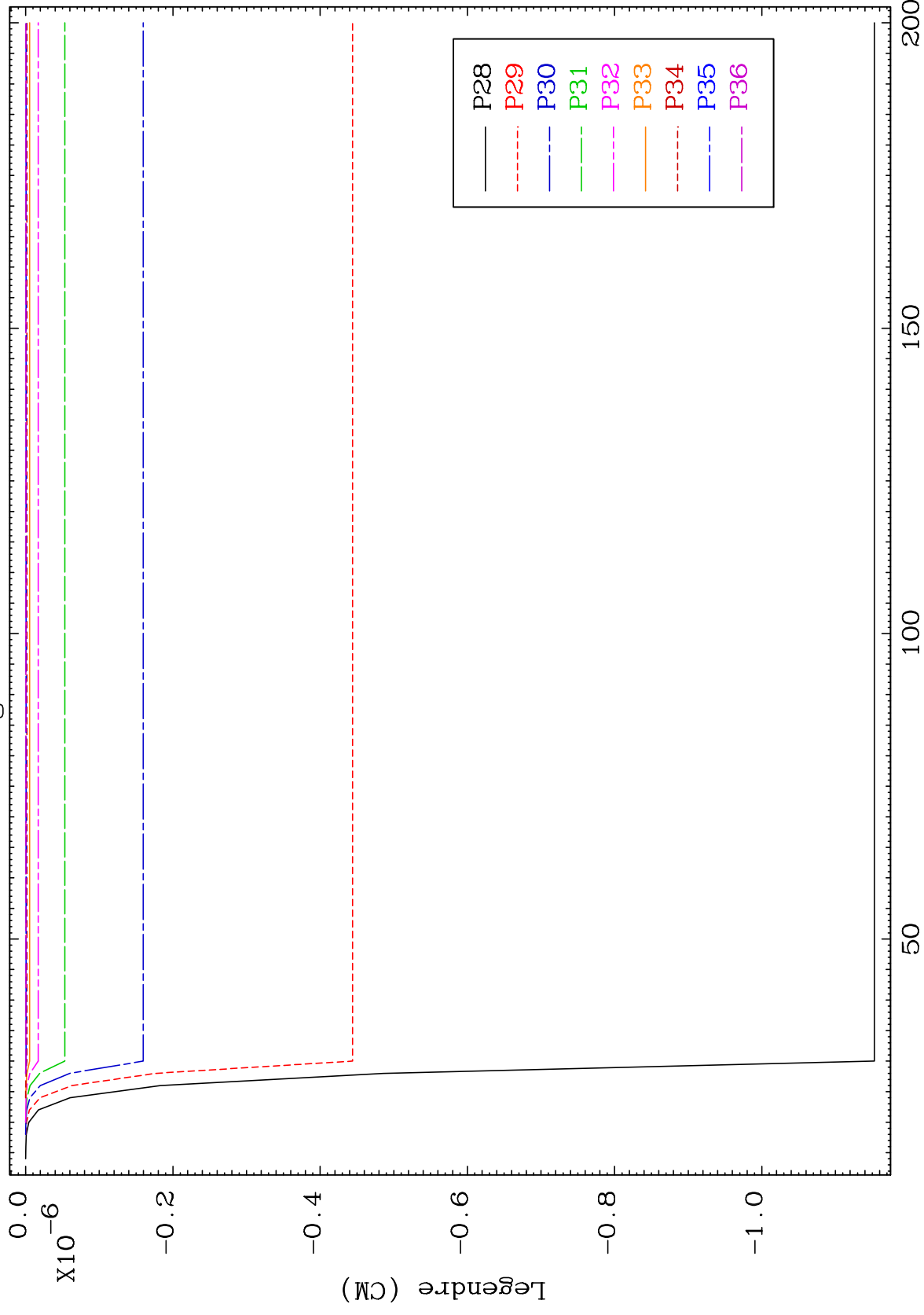




MAT 5328

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

53-I -128



78

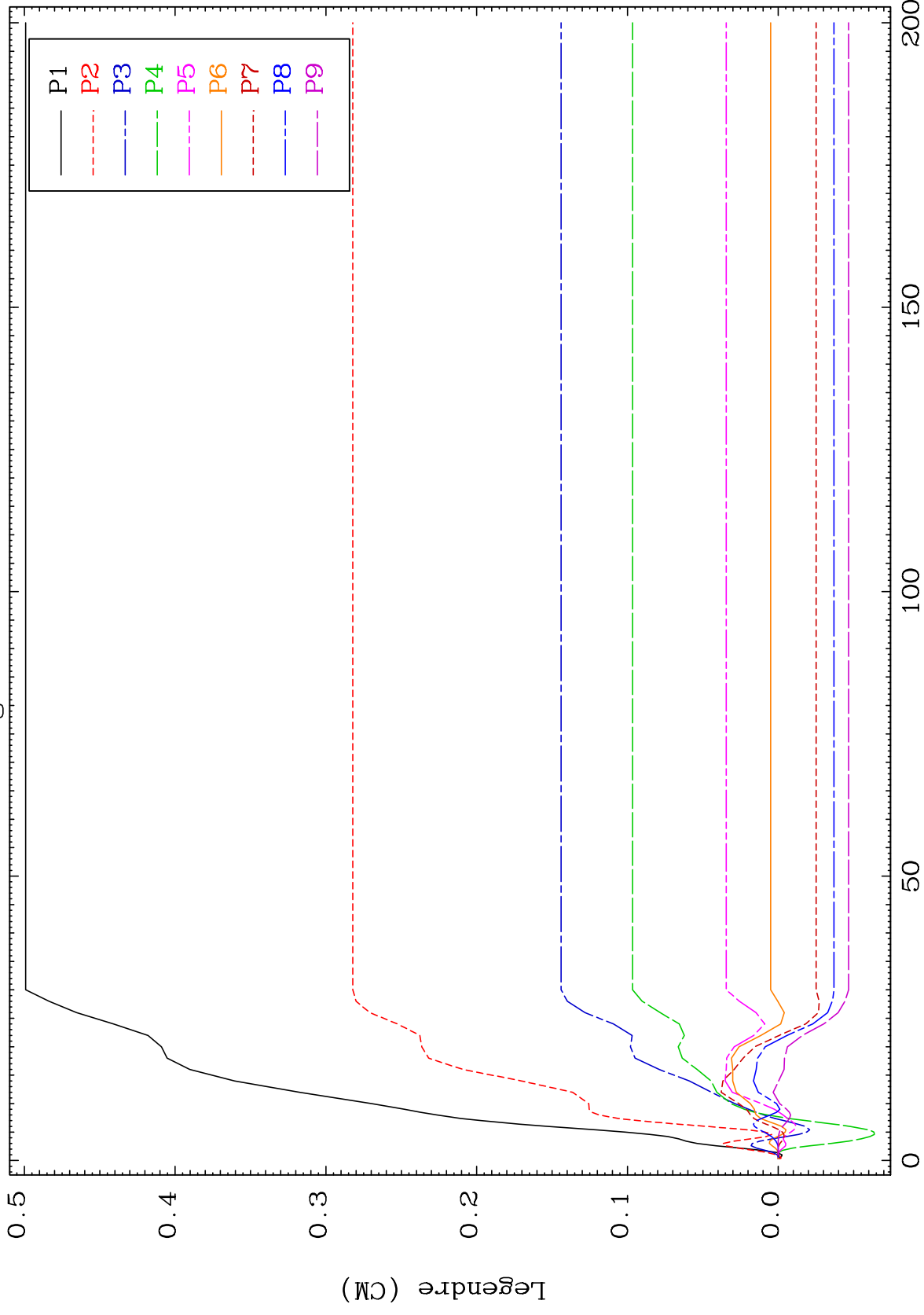
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



79

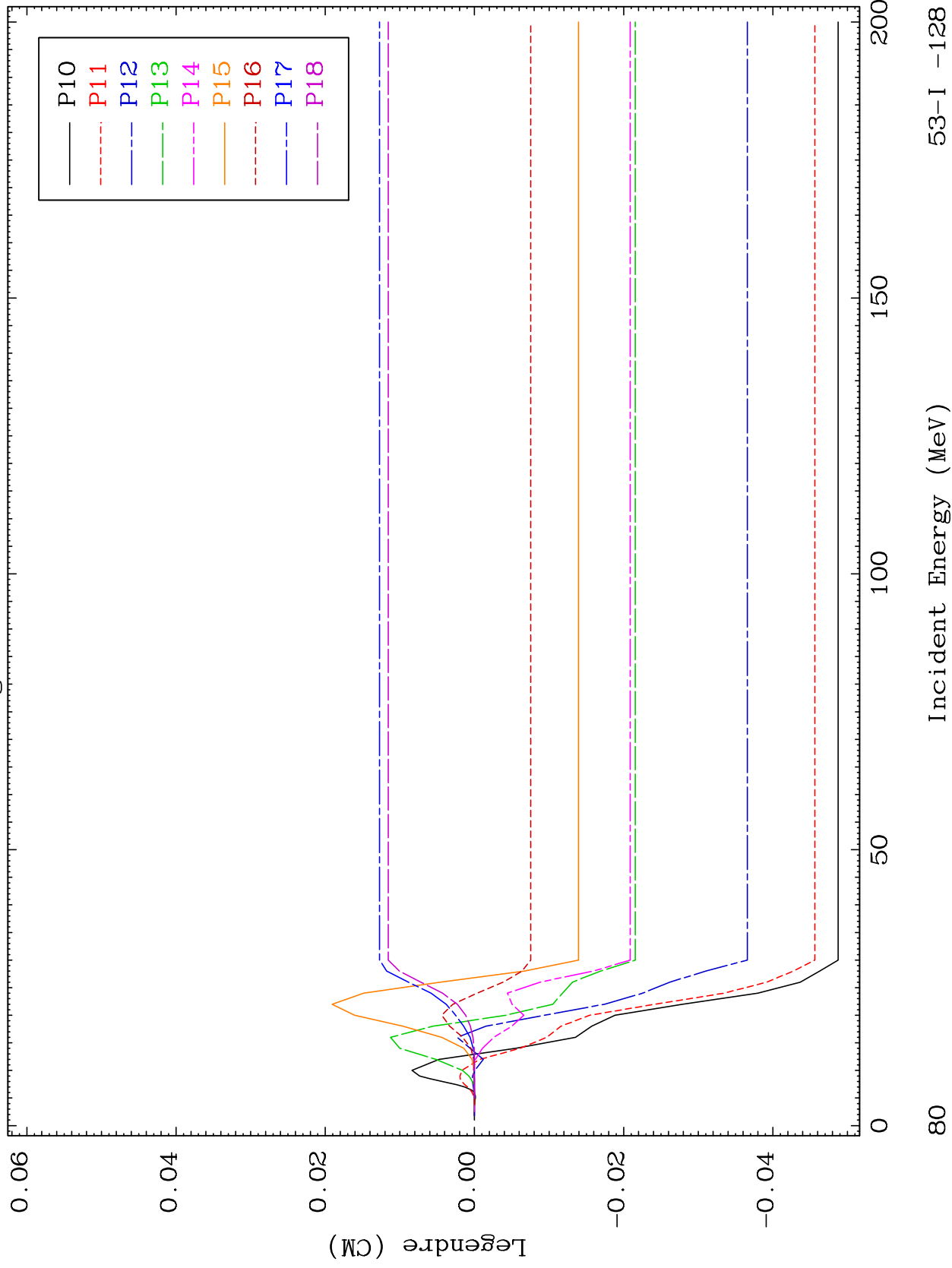
Incident Energy (MeV)

53-I -128

MAT 5328

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

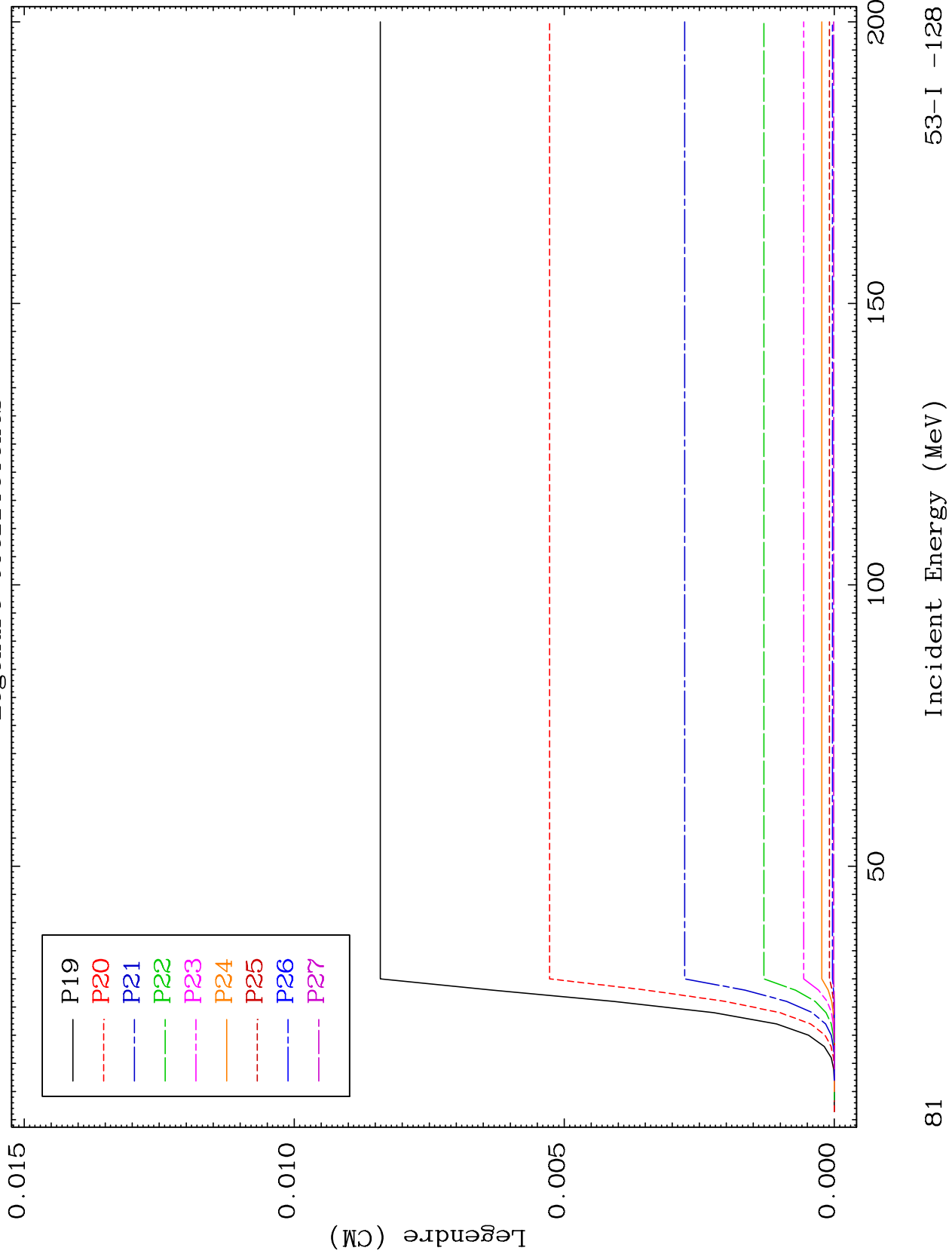
53-I -128

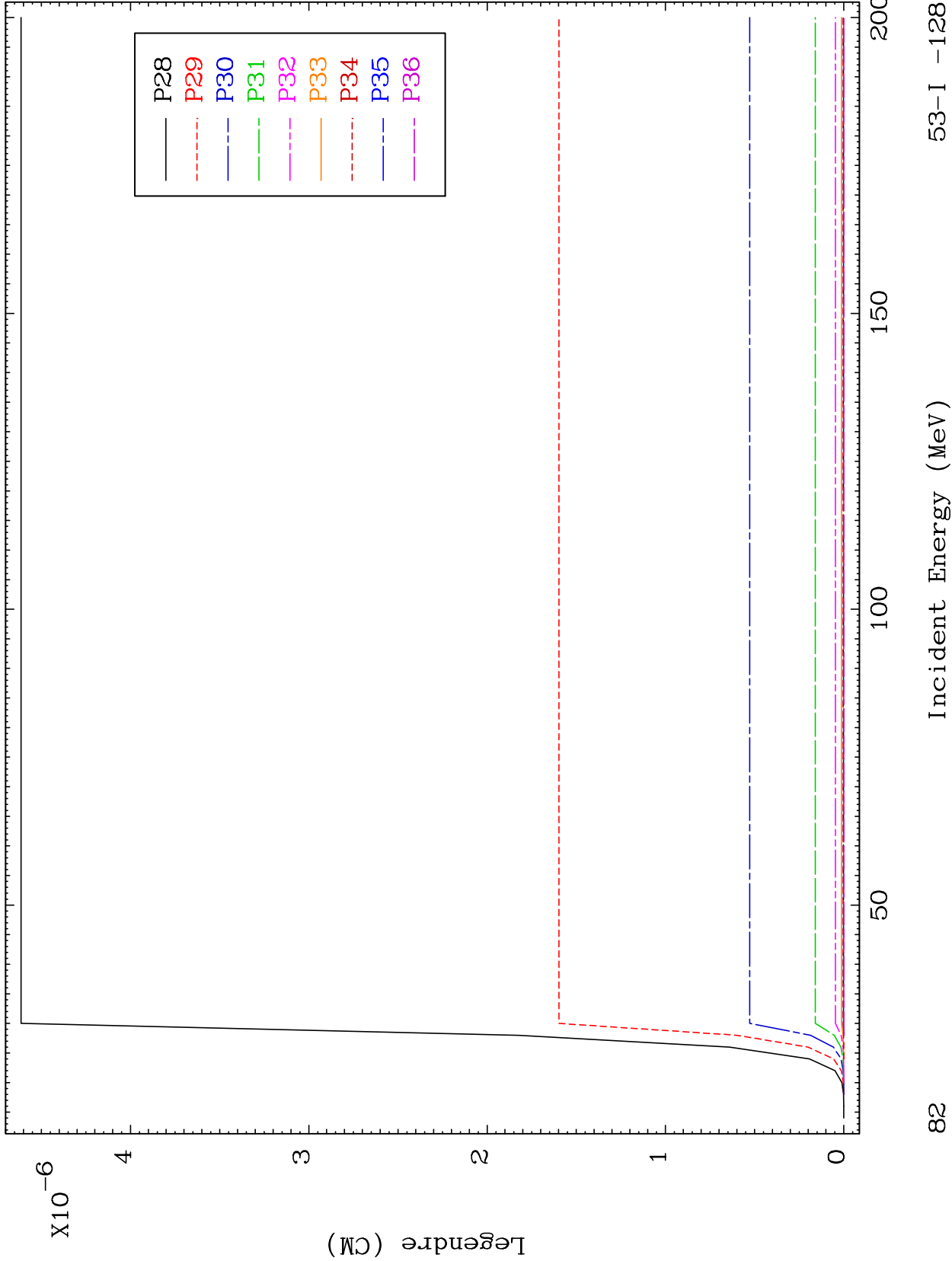


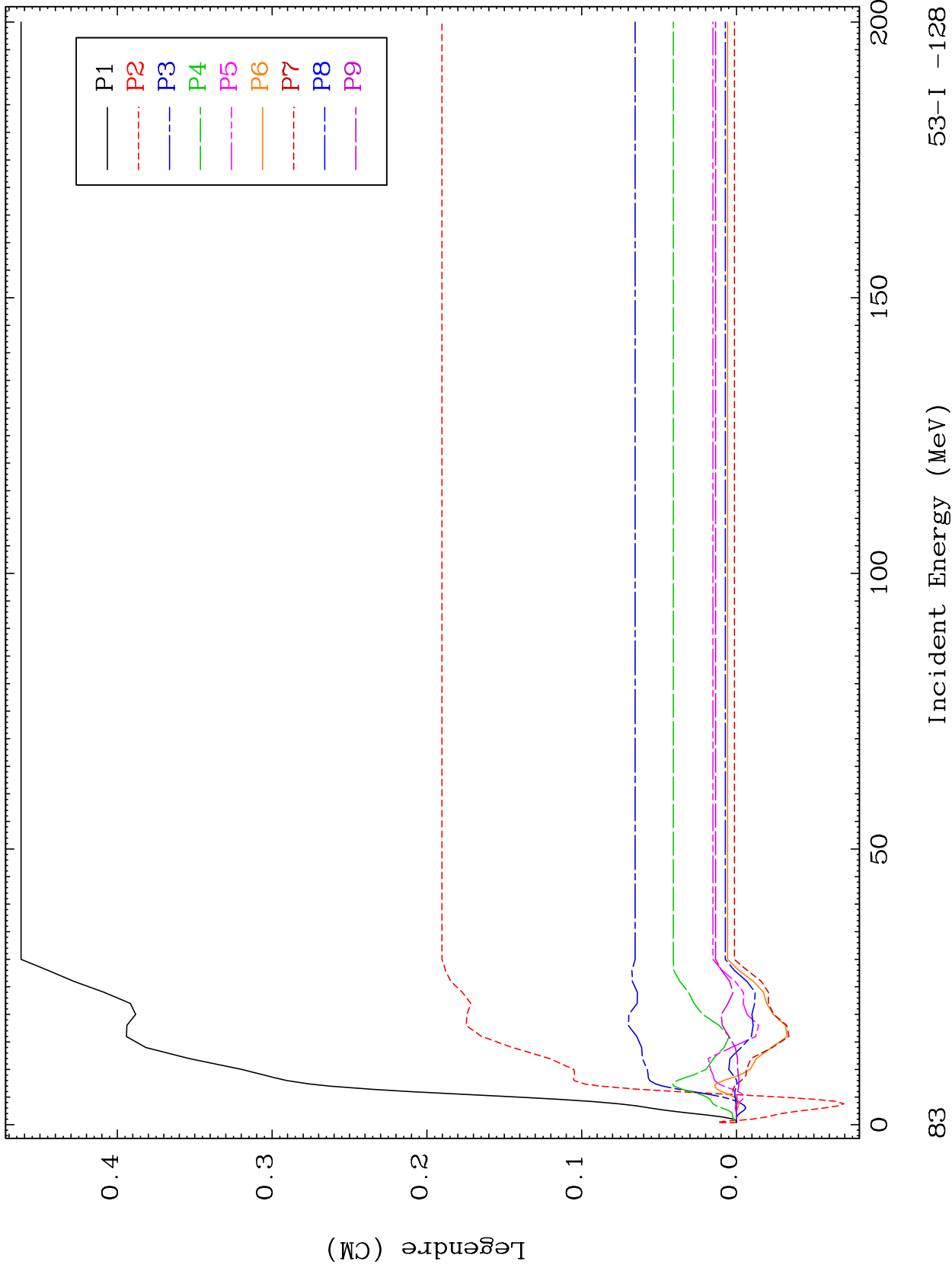
53-I -128

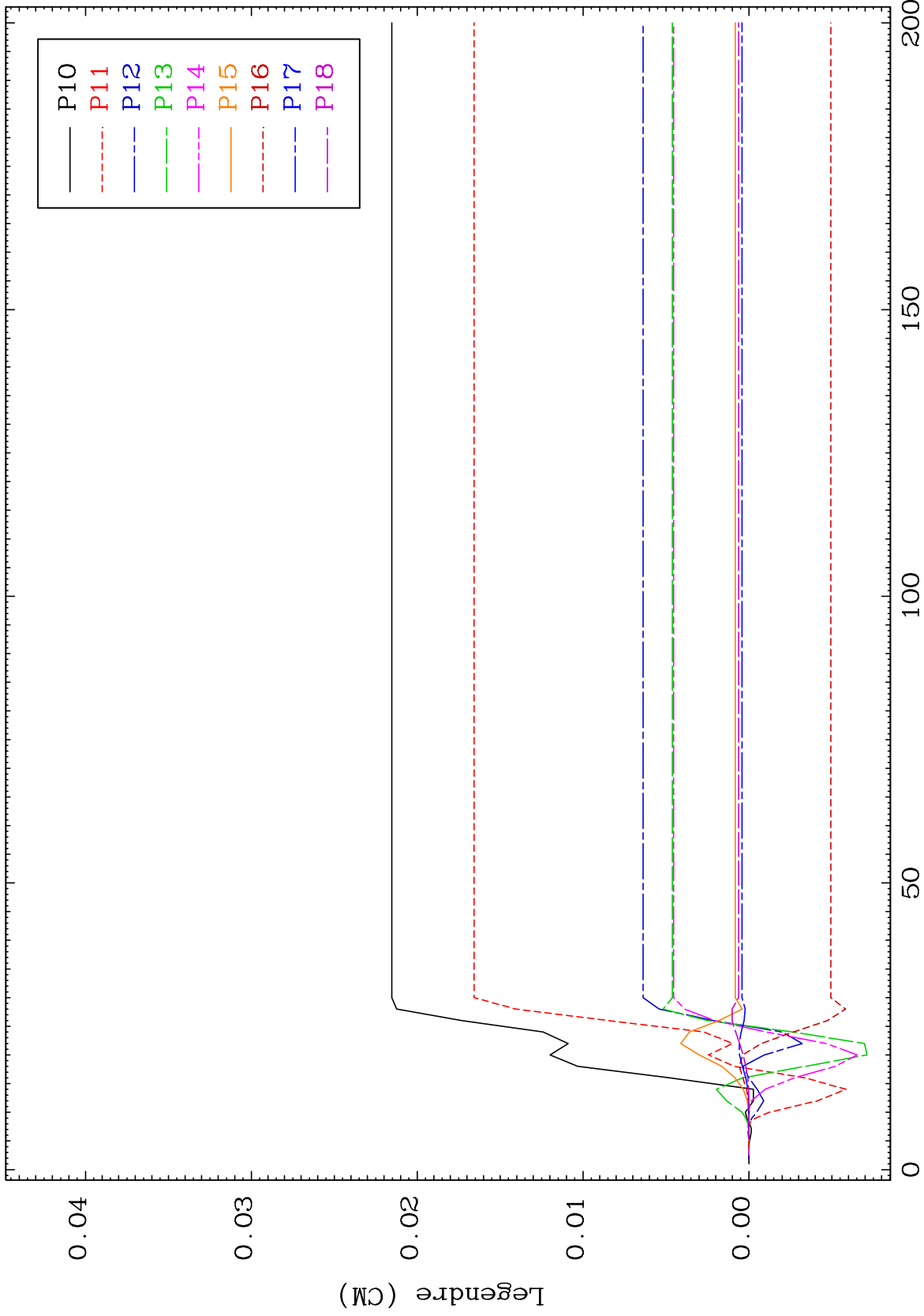
Incident Energy (MeV)

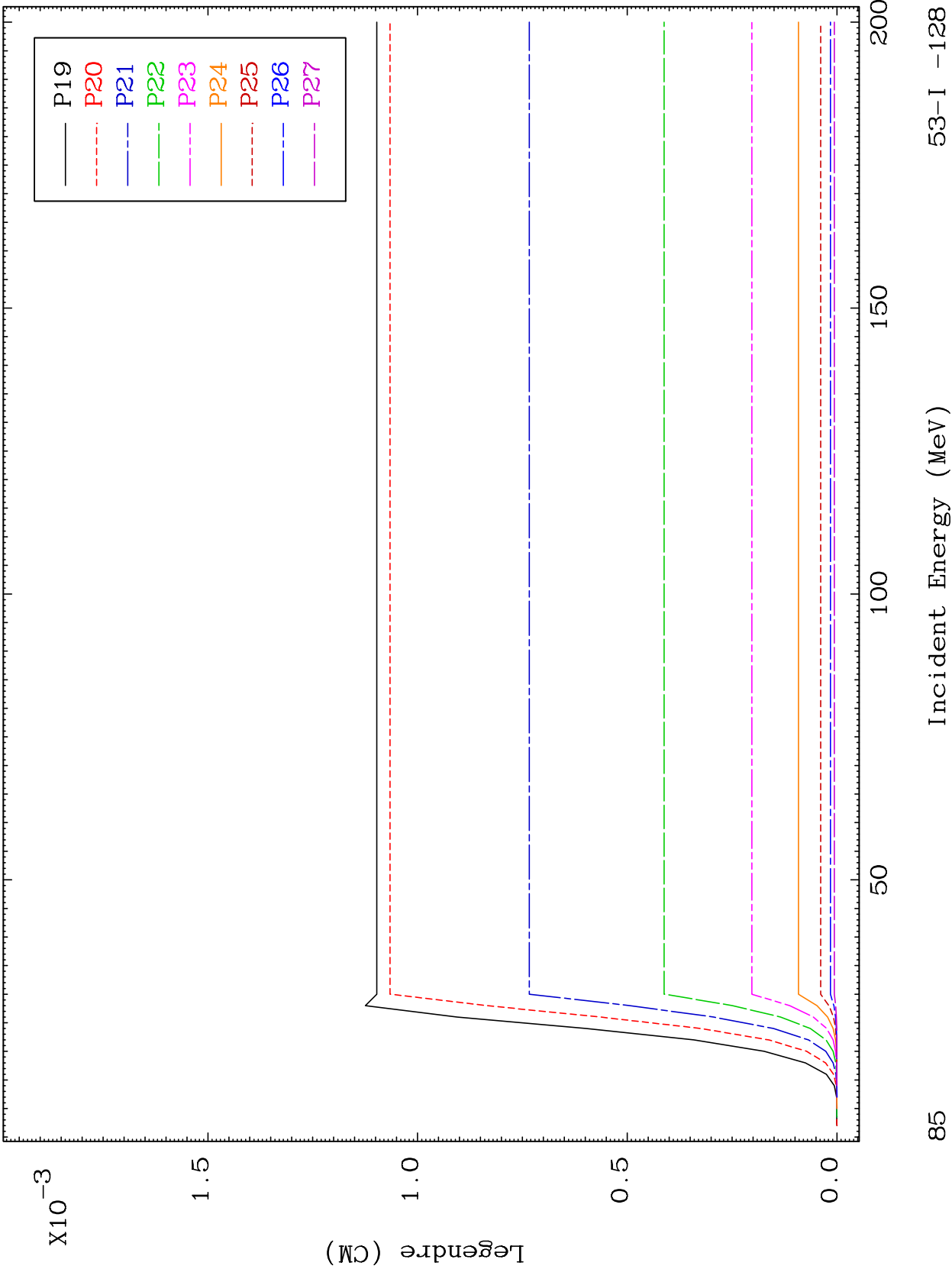
80

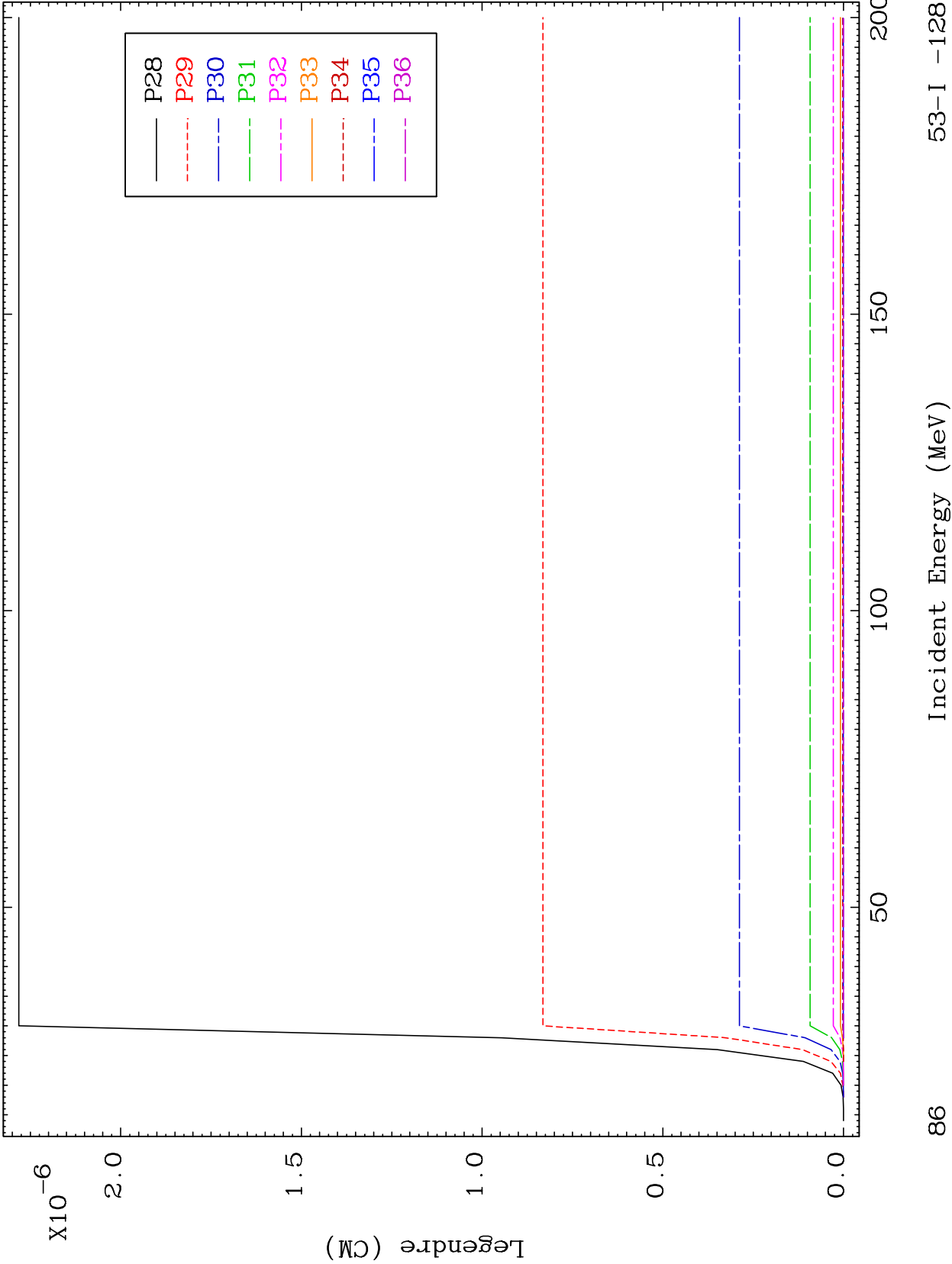


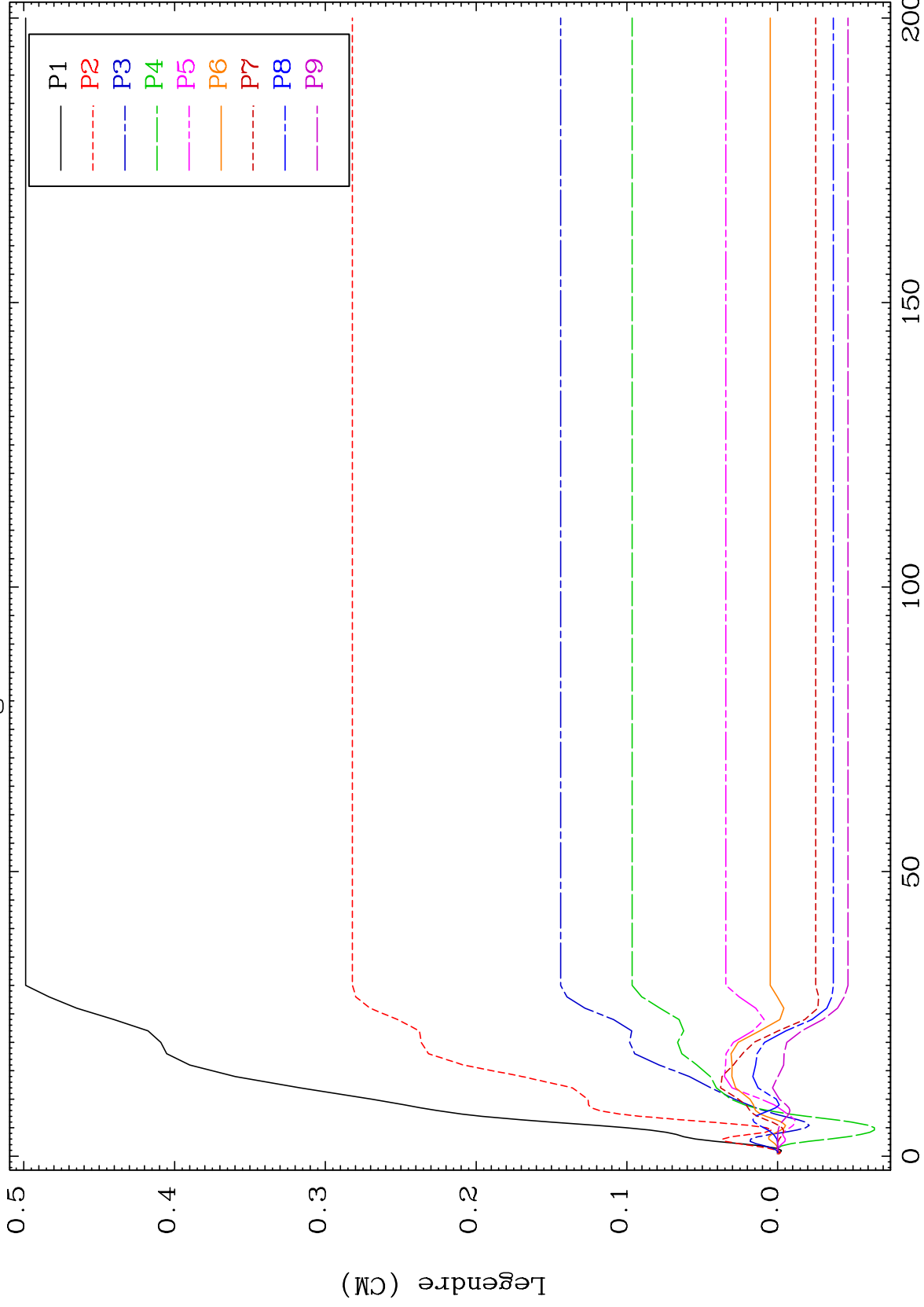








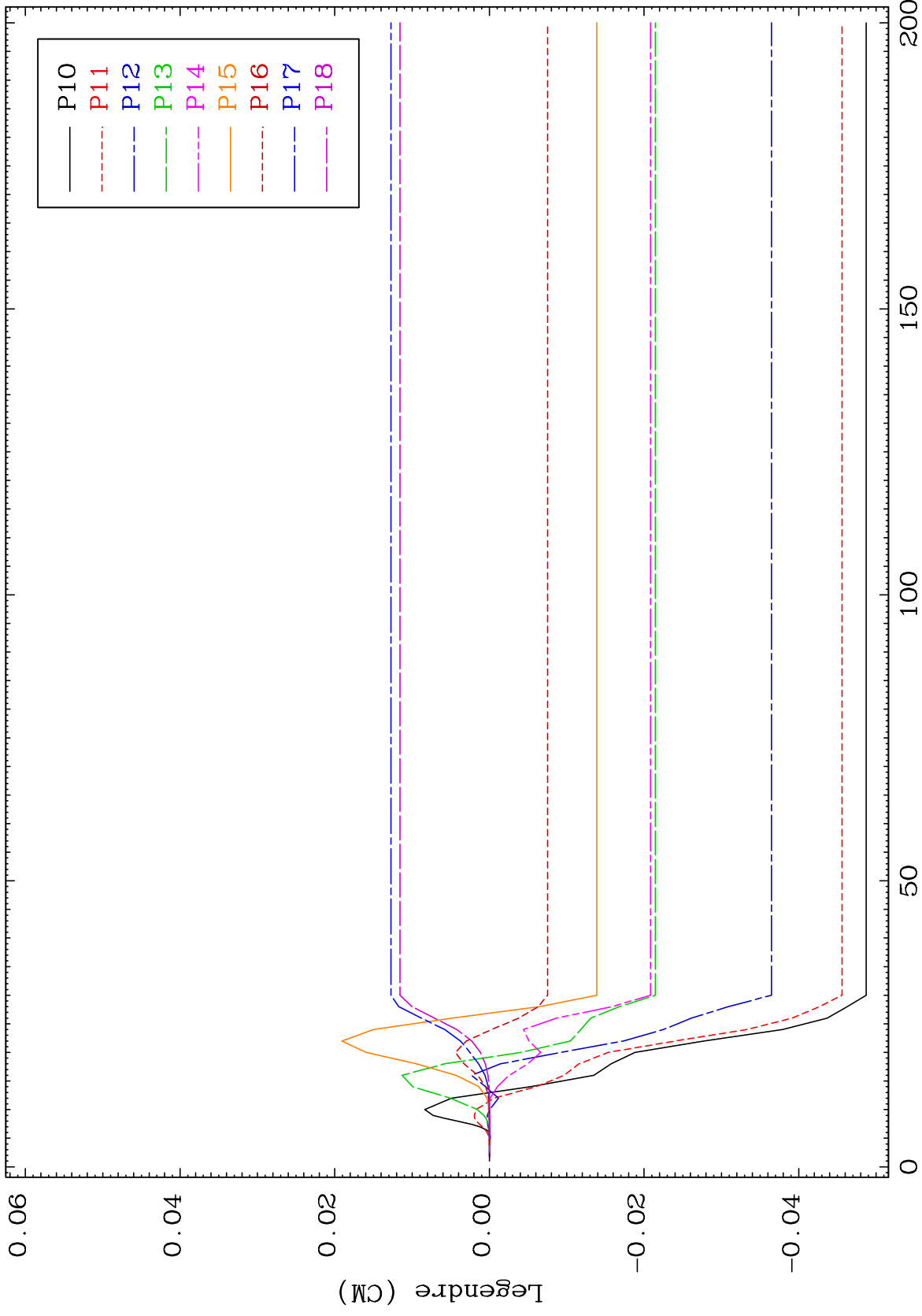




MAT 5328

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

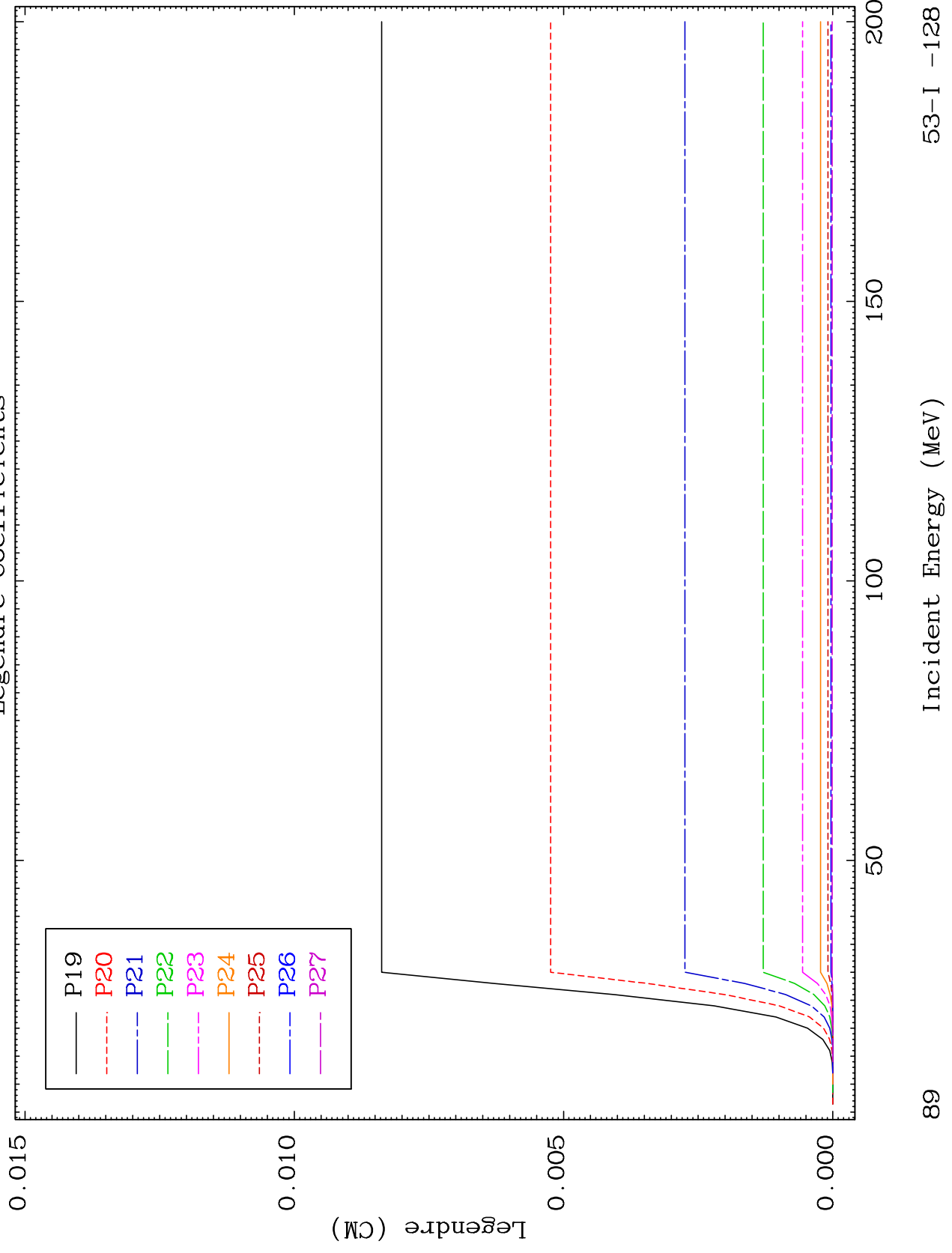
53-I -128



88

Incident Energy (MeV)

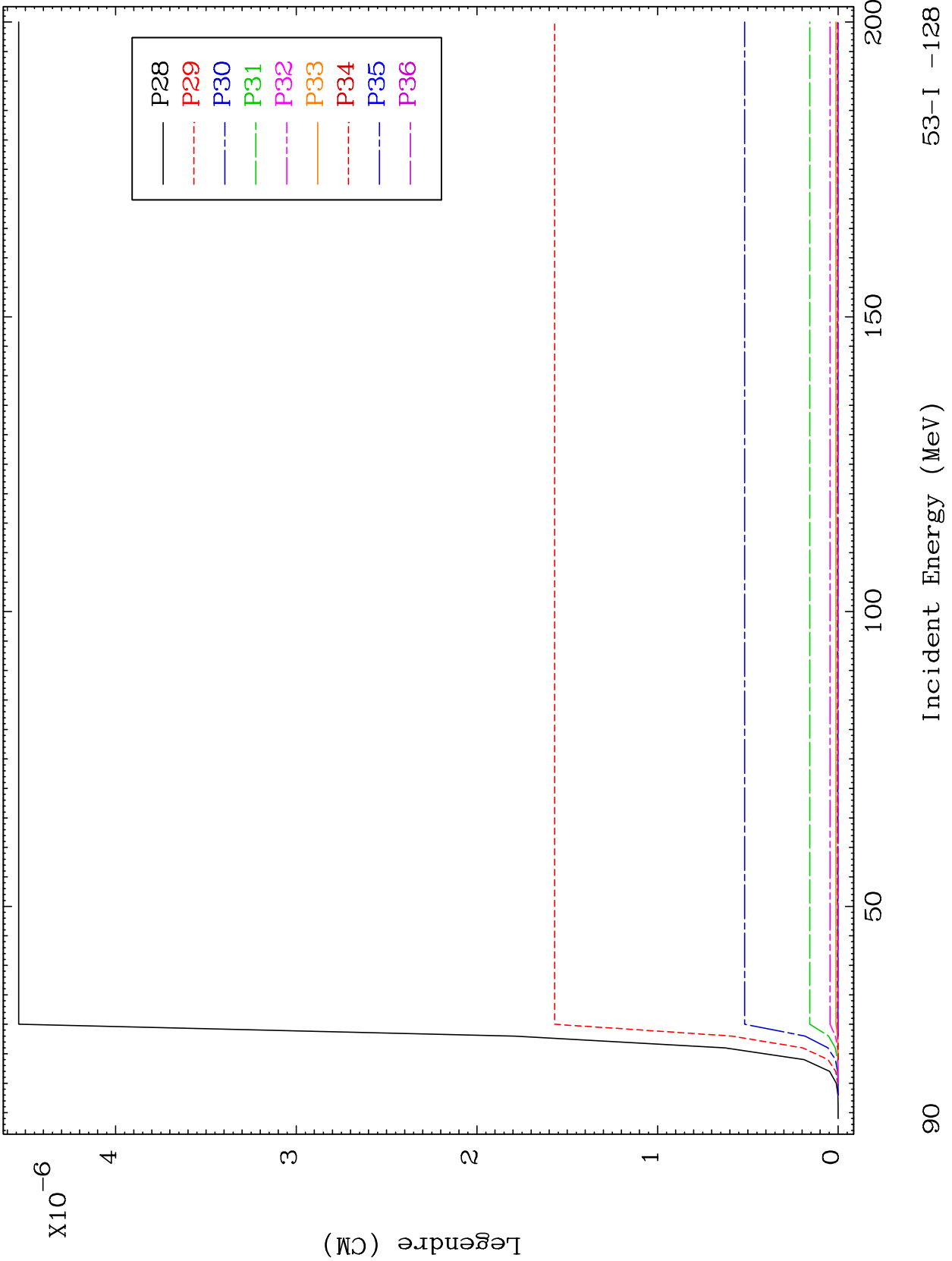
53-I -128



MAT 5328

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

53-I -128

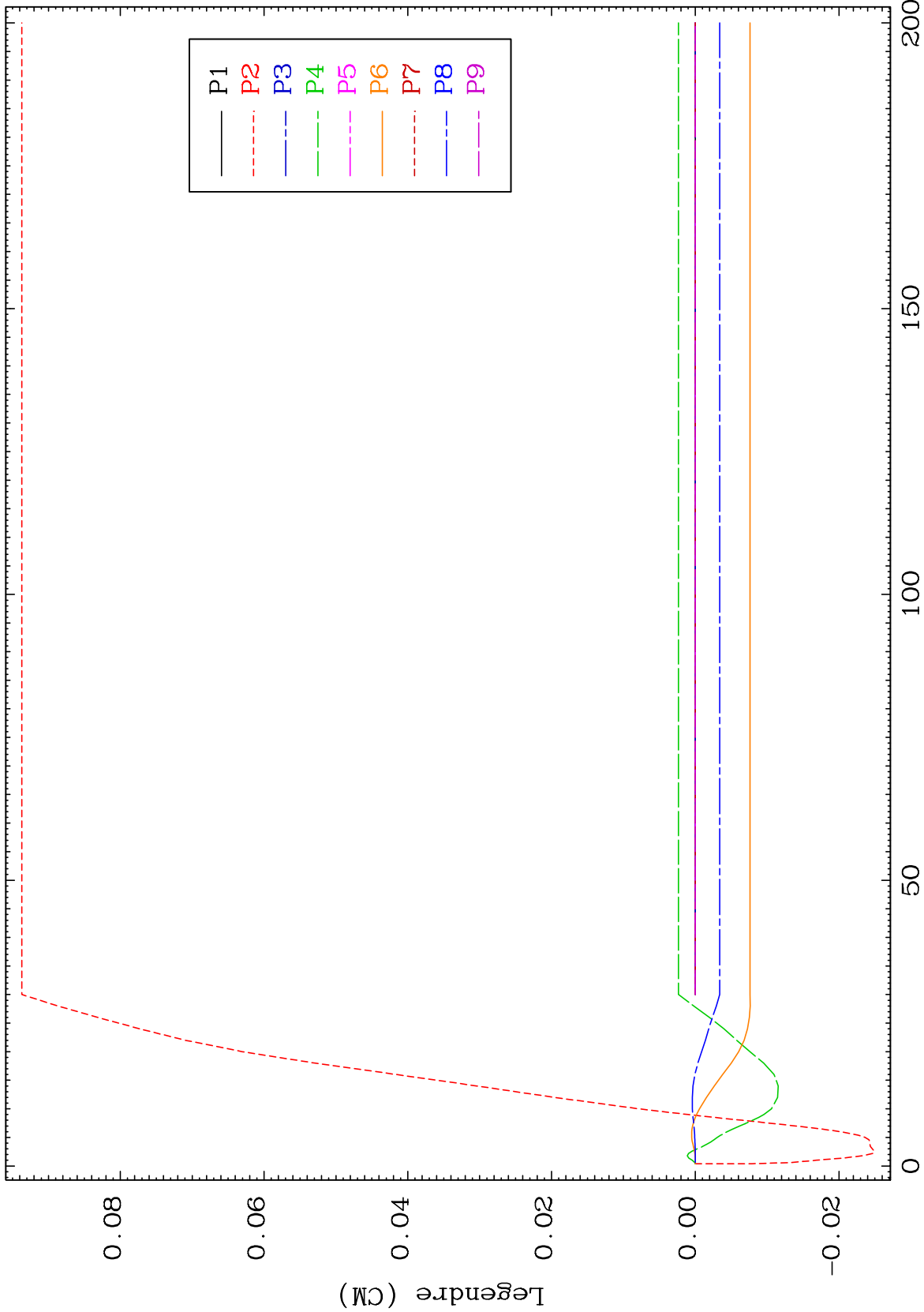


53-I -128

MAT 5328

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

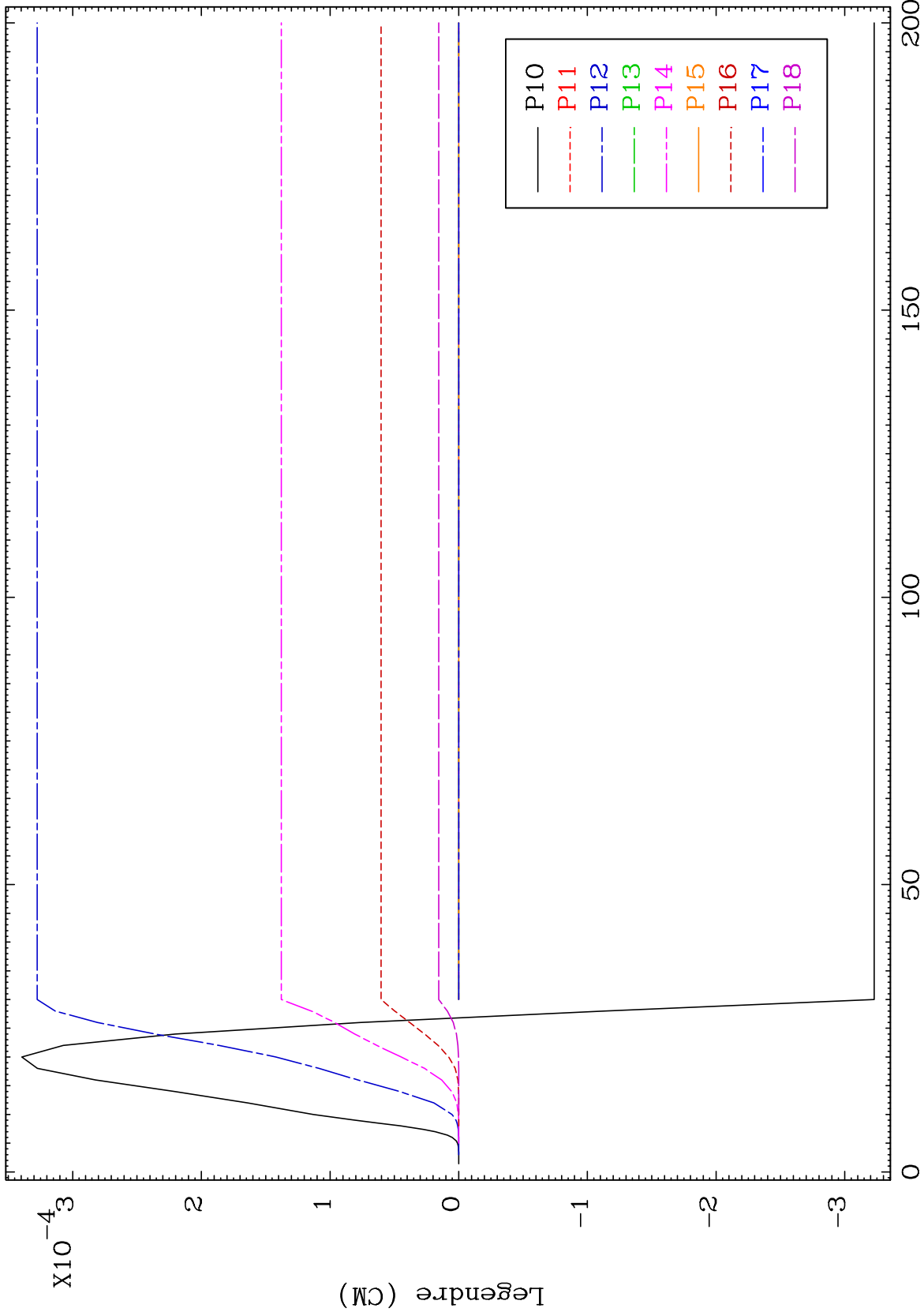
53-I -128



91

Incident Energy (MeV)

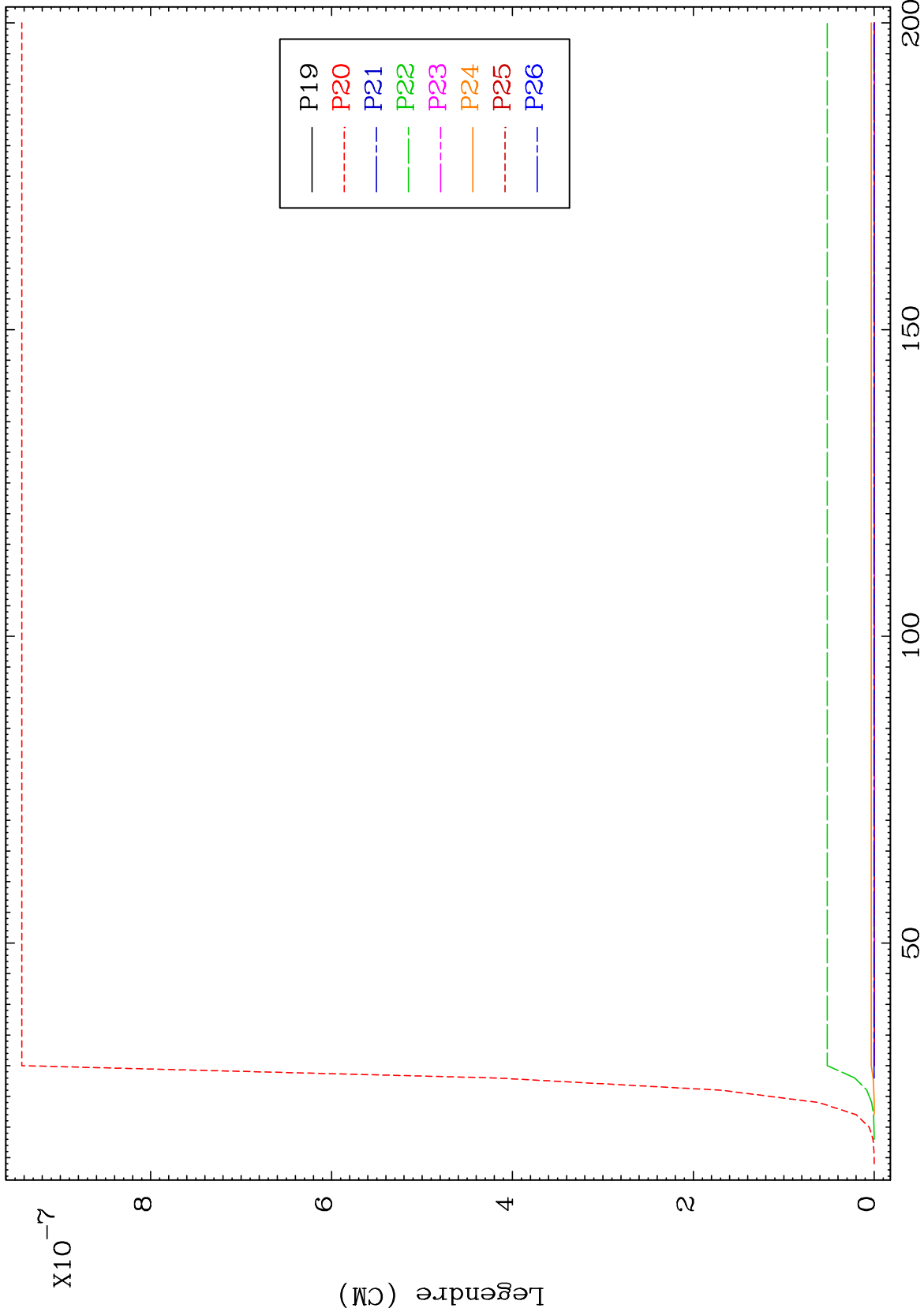
53-I -128



MAT 5328

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

53-I -128



93

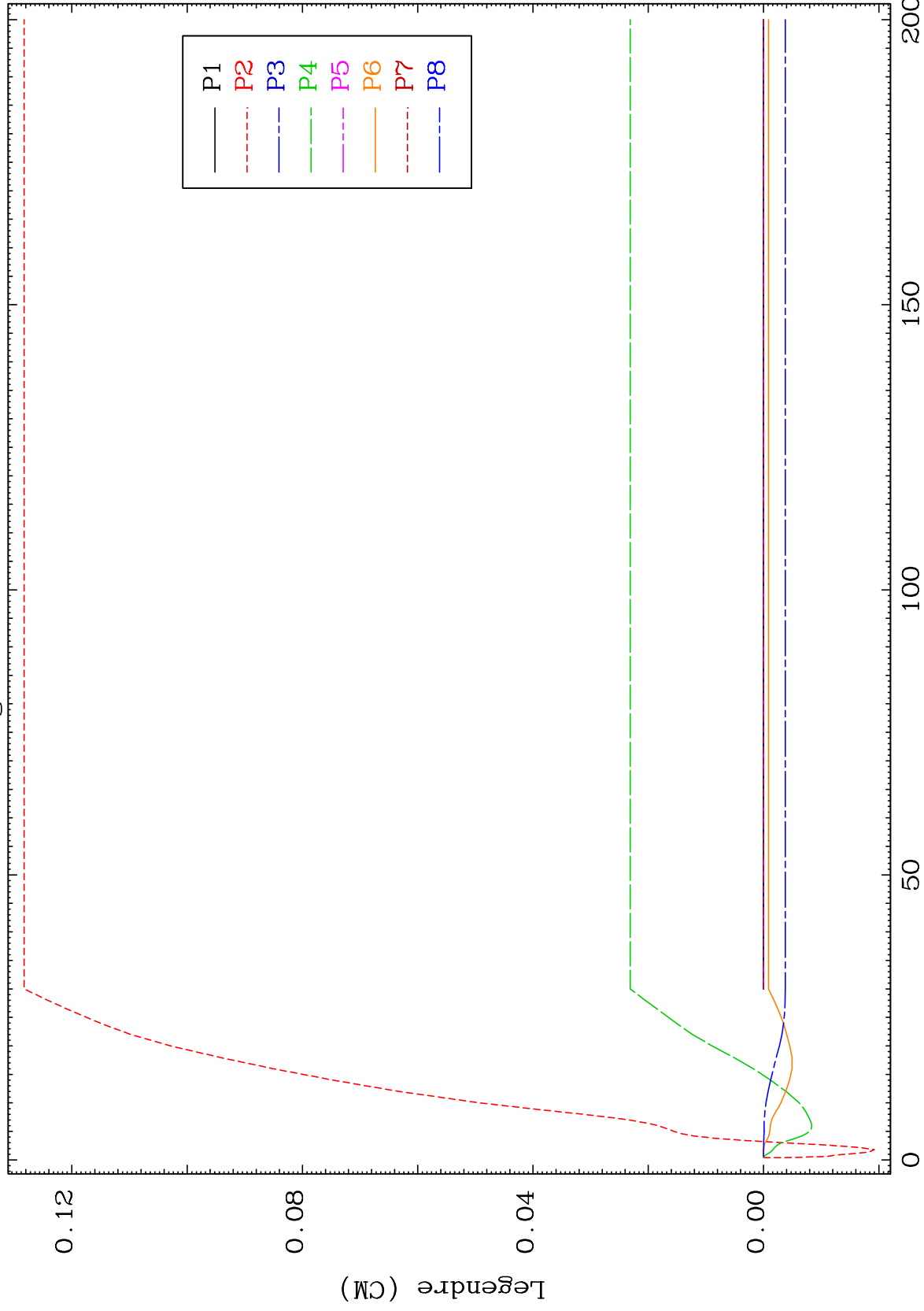
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



94

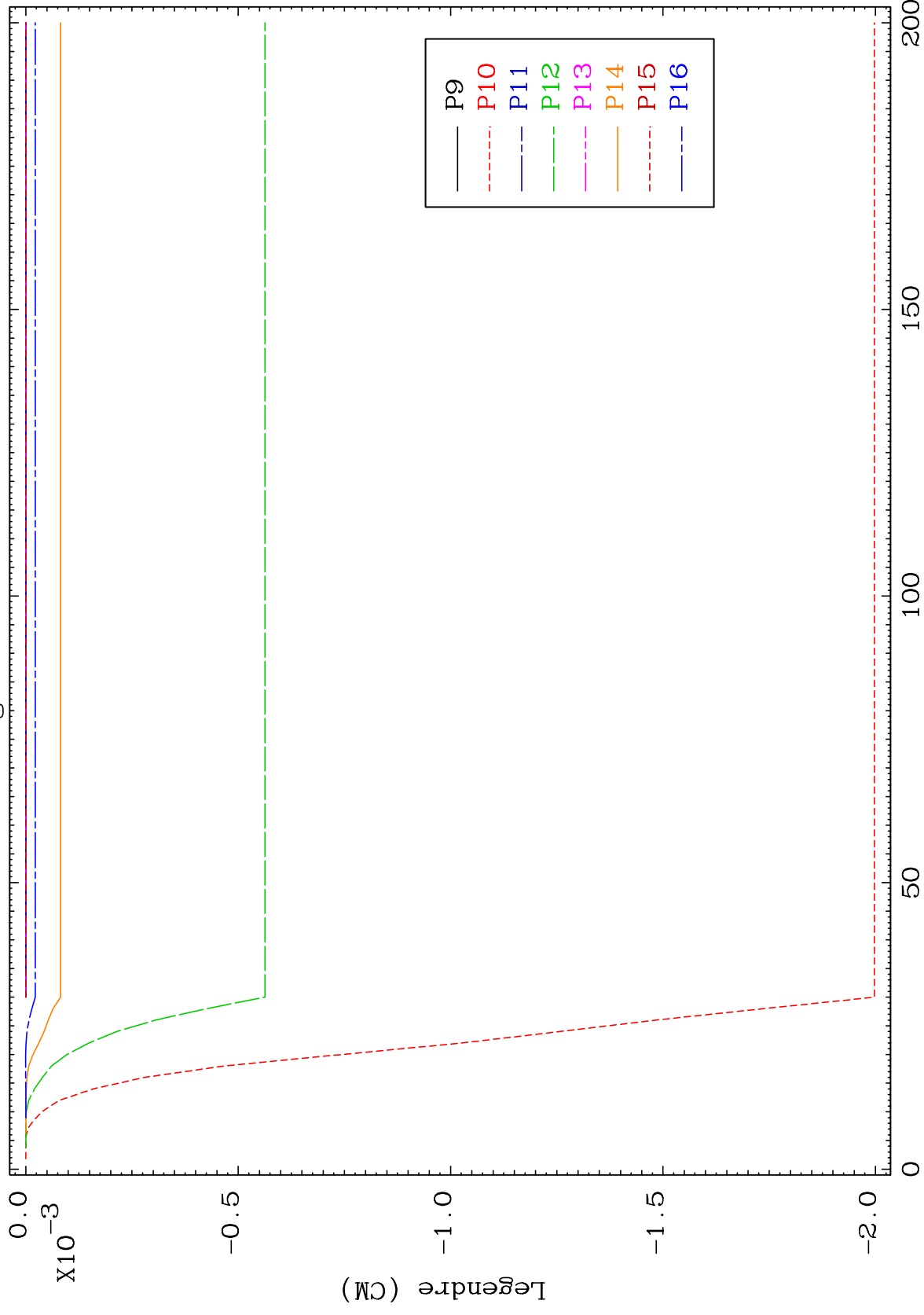
Incident Energy (MeV)

53-I -128

MAT 5328

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

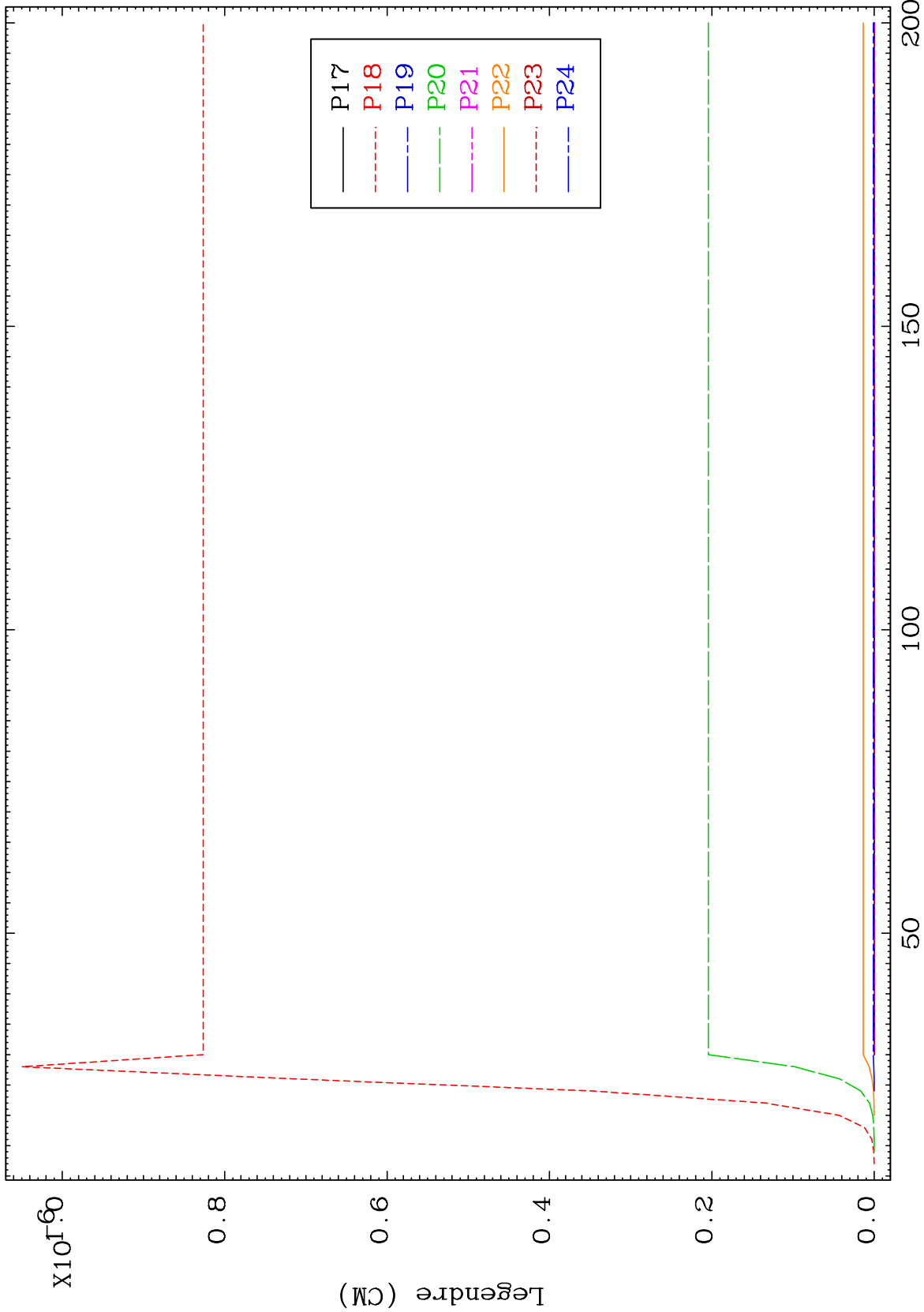
53-I -128

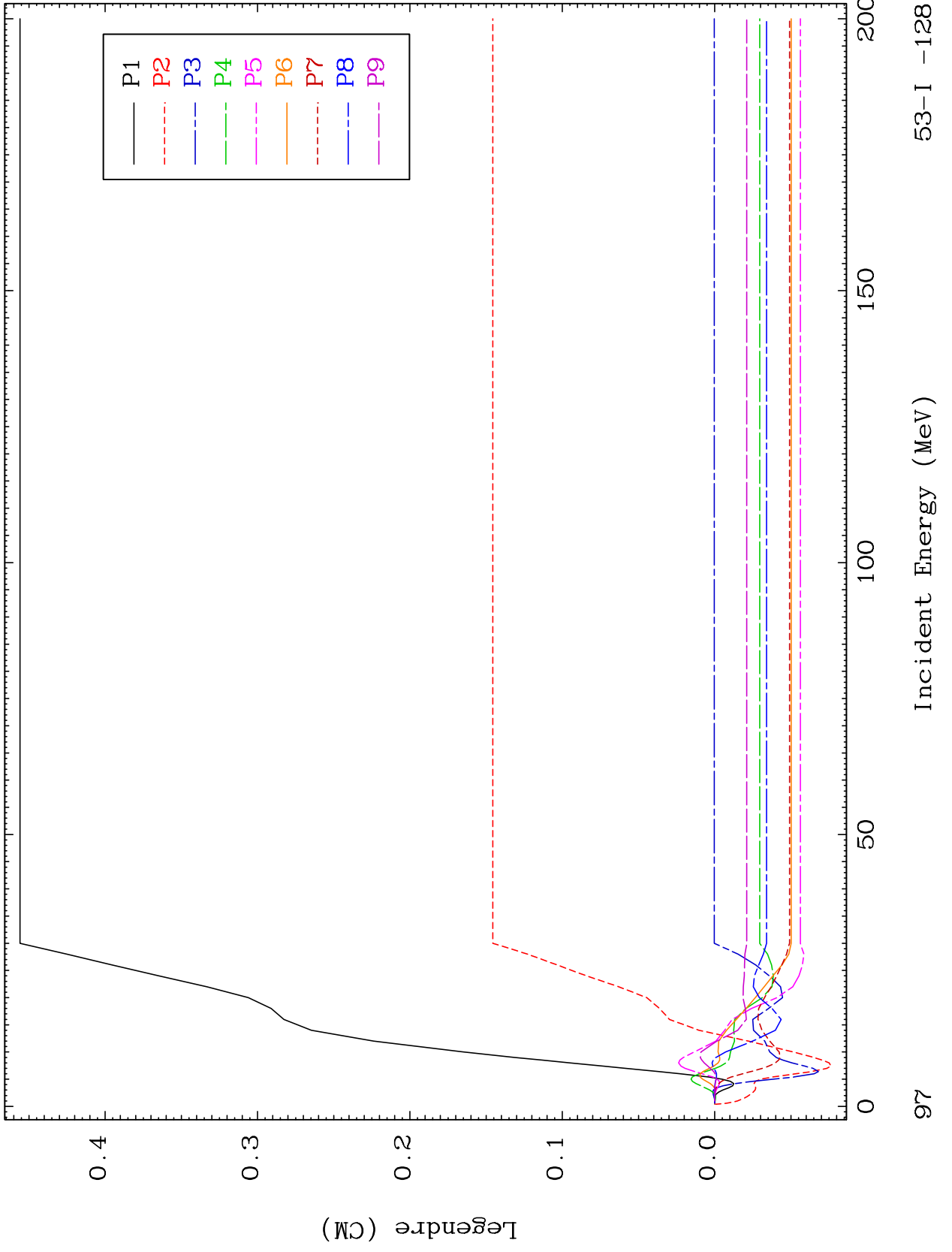


95

Incident Energy (MeV)

53-I -128

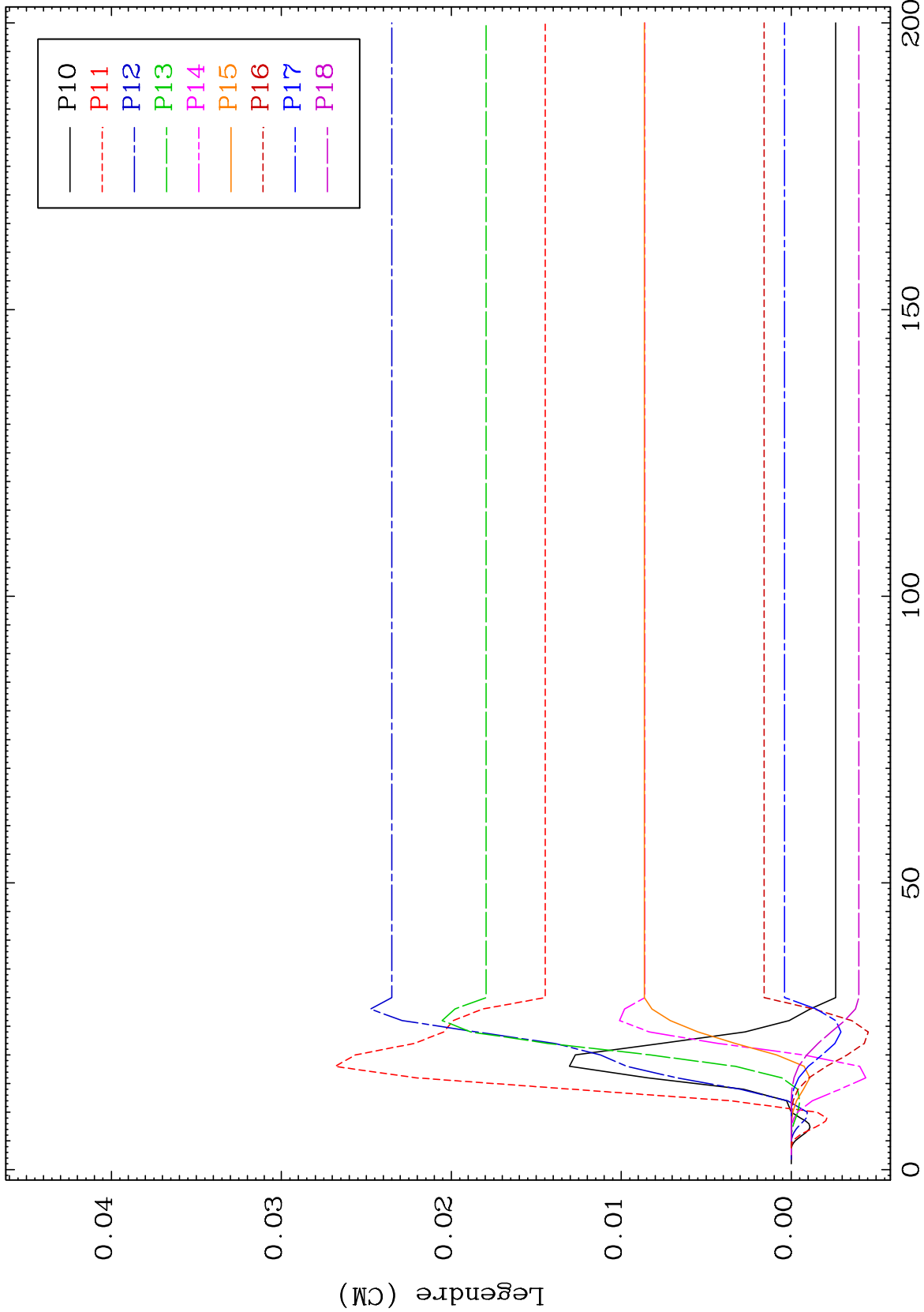




MAT 5328

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

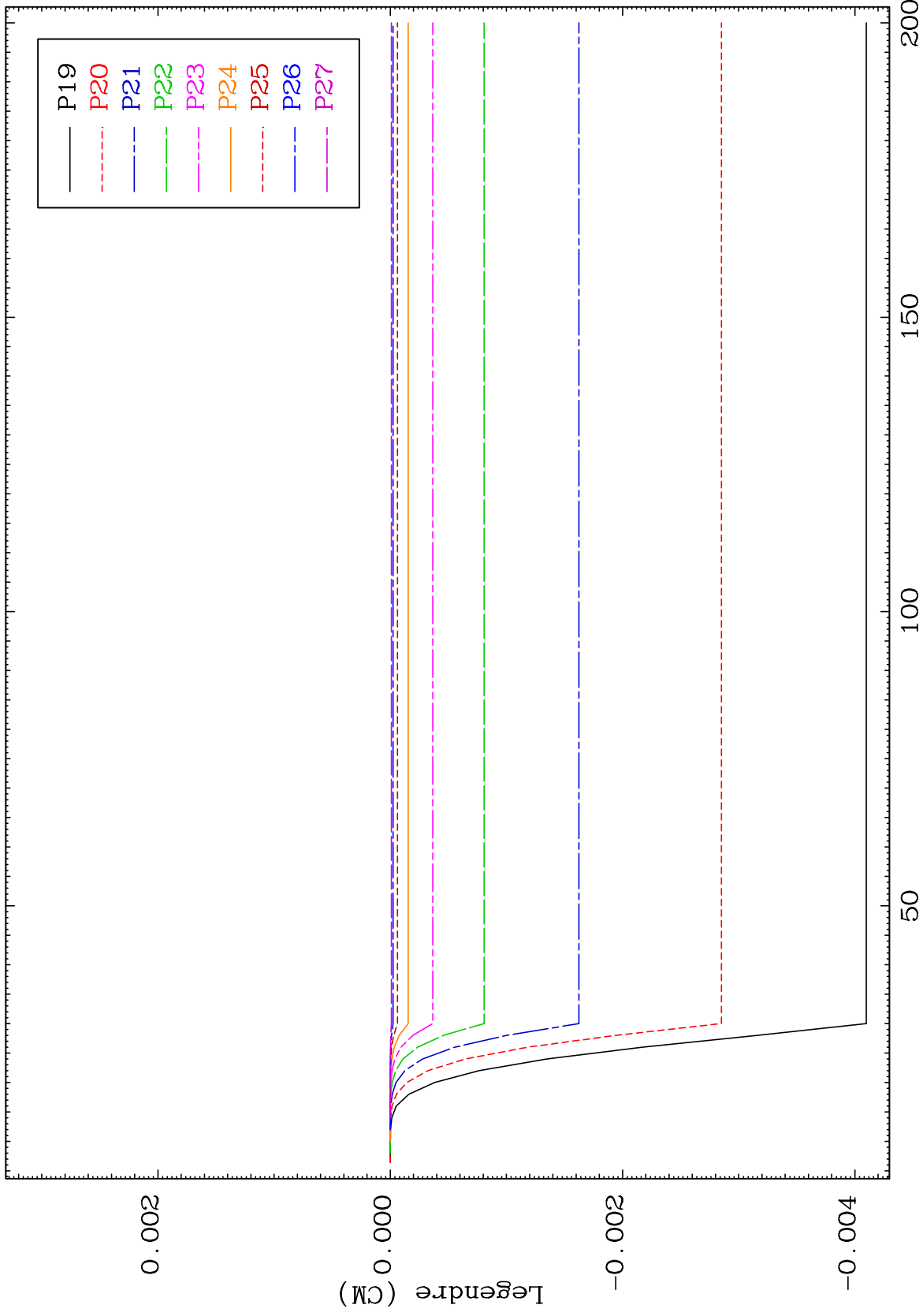
53-I -128



98

Incident Energy (MeV)

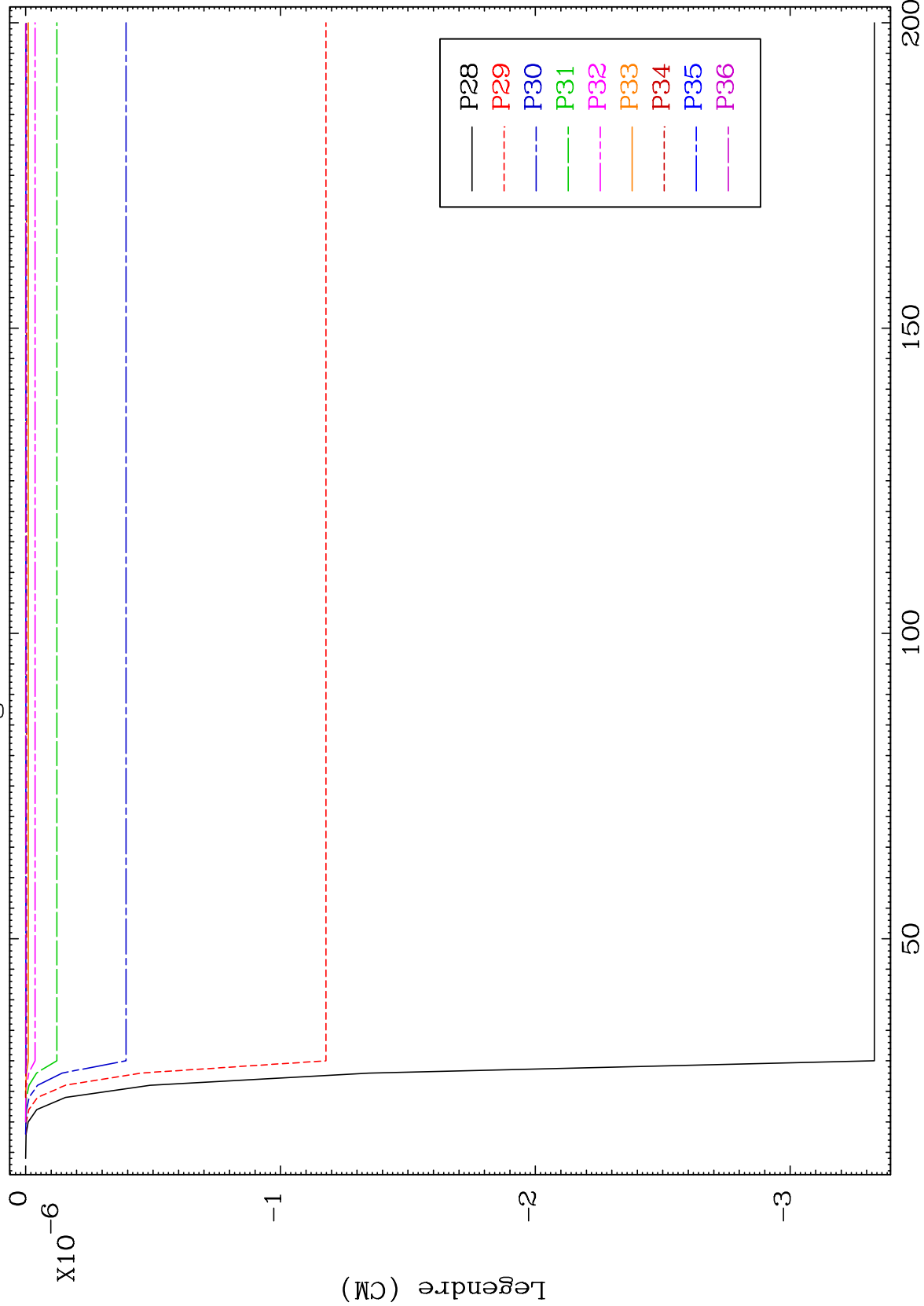
53-I -128



MAT 5328

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

53-I -128



100

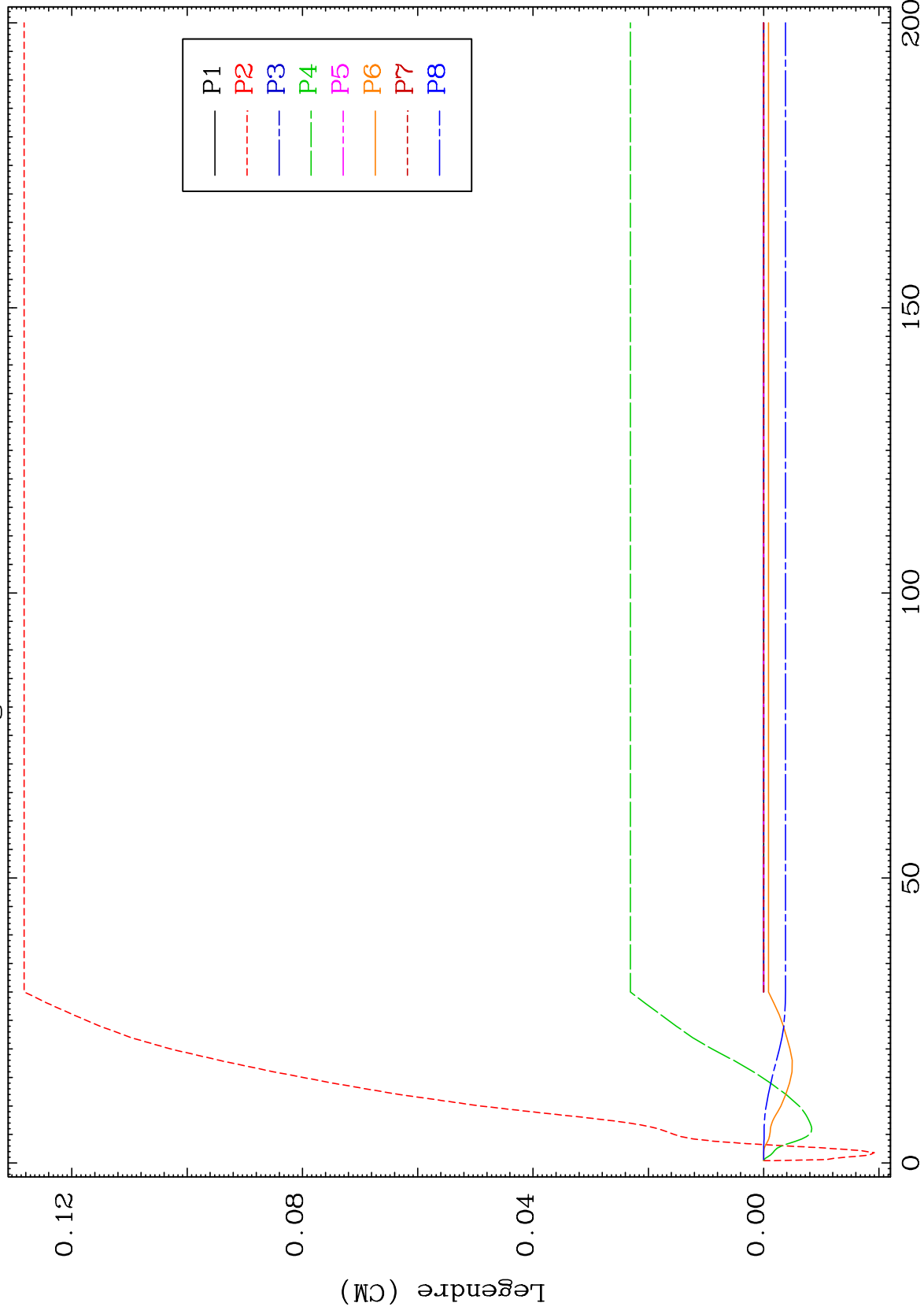
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



101

Incident Energy (MeV)

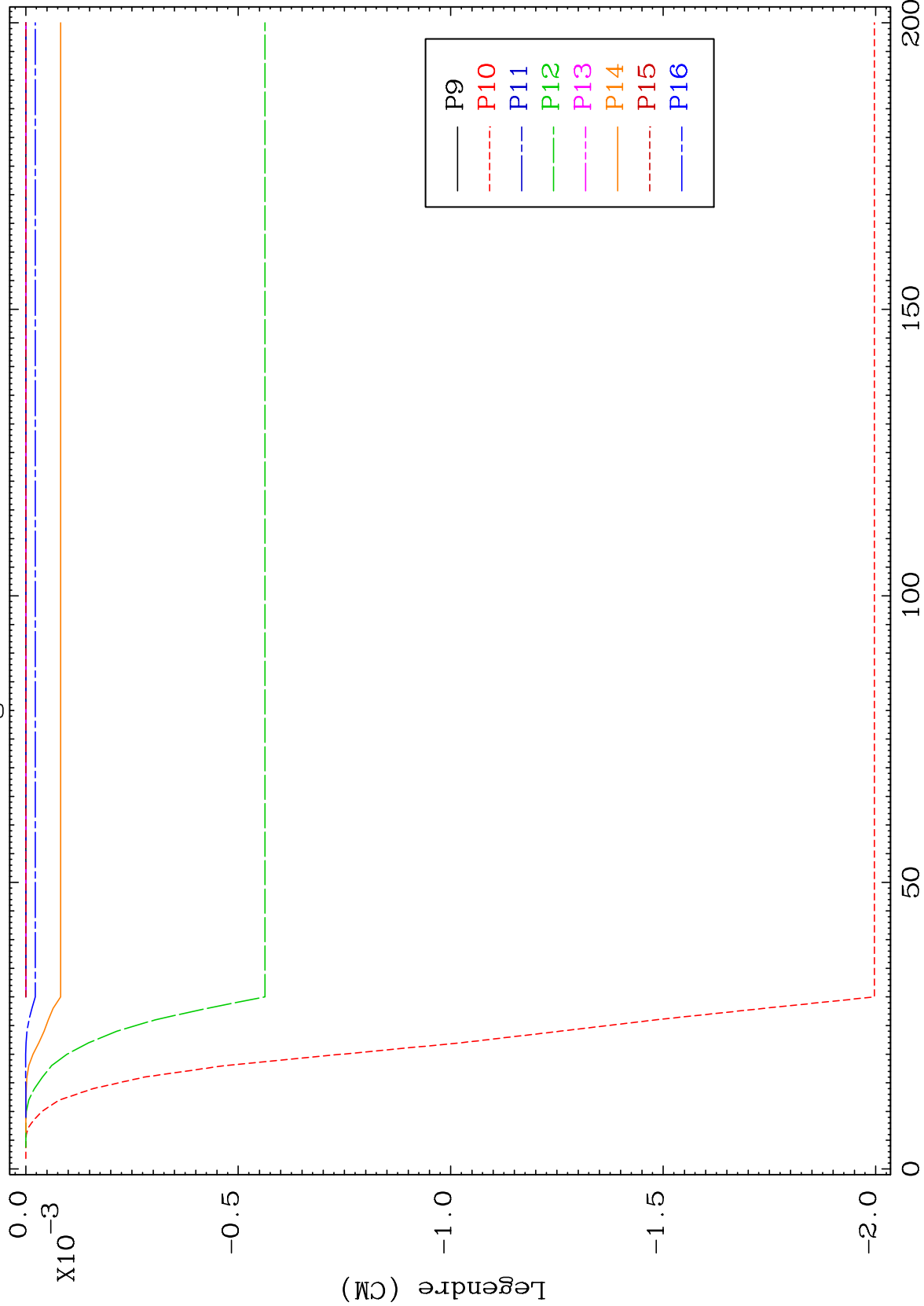
53-I -128

MAT 5328

MT= 74 (n,n') Level

53-I -128

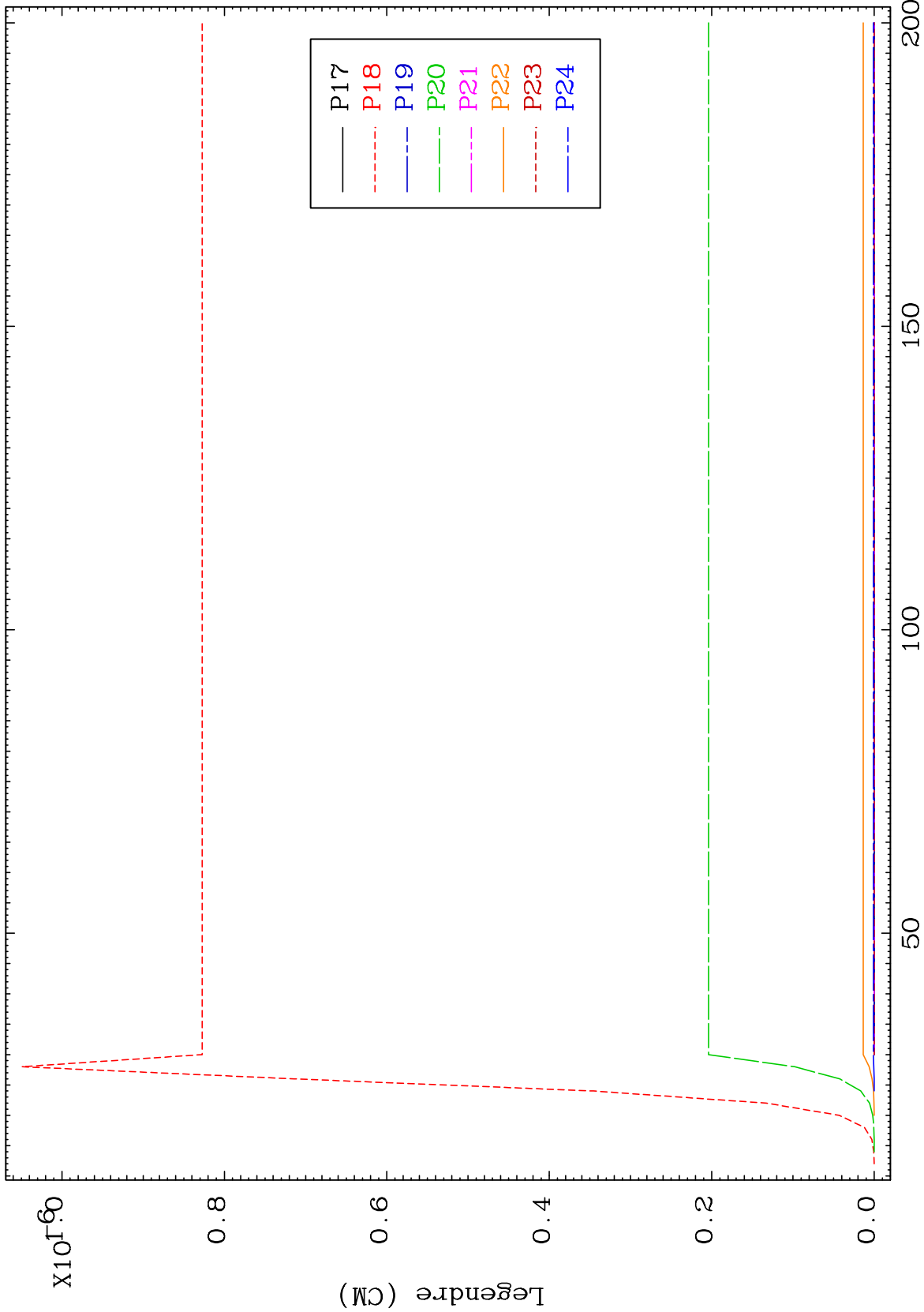
Legendre Coefficients



102

Incident Energy (MeV)

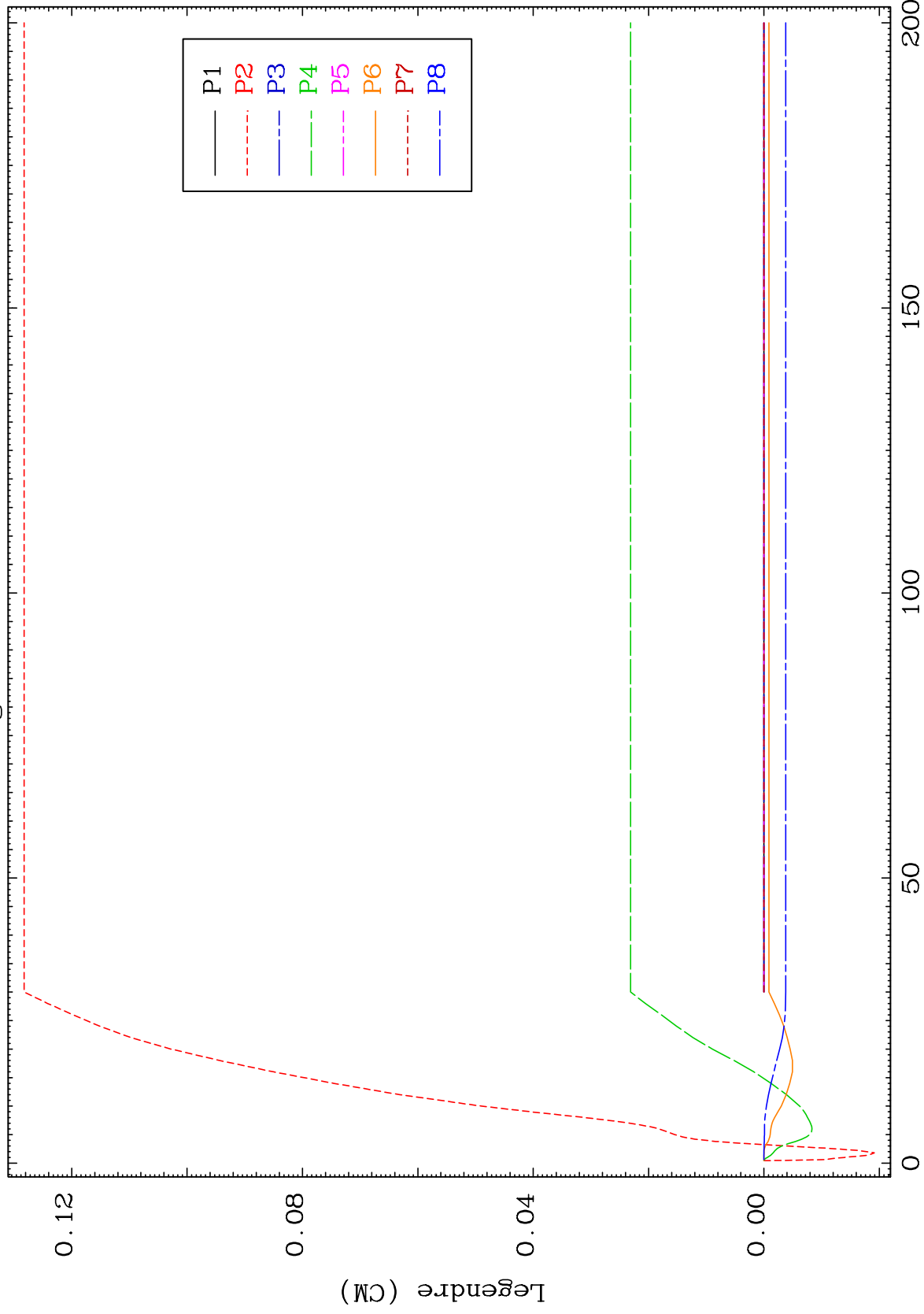
53-I -128



MAT 5328

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

53-I -128



53-I -128

Incident Energy (MeV)

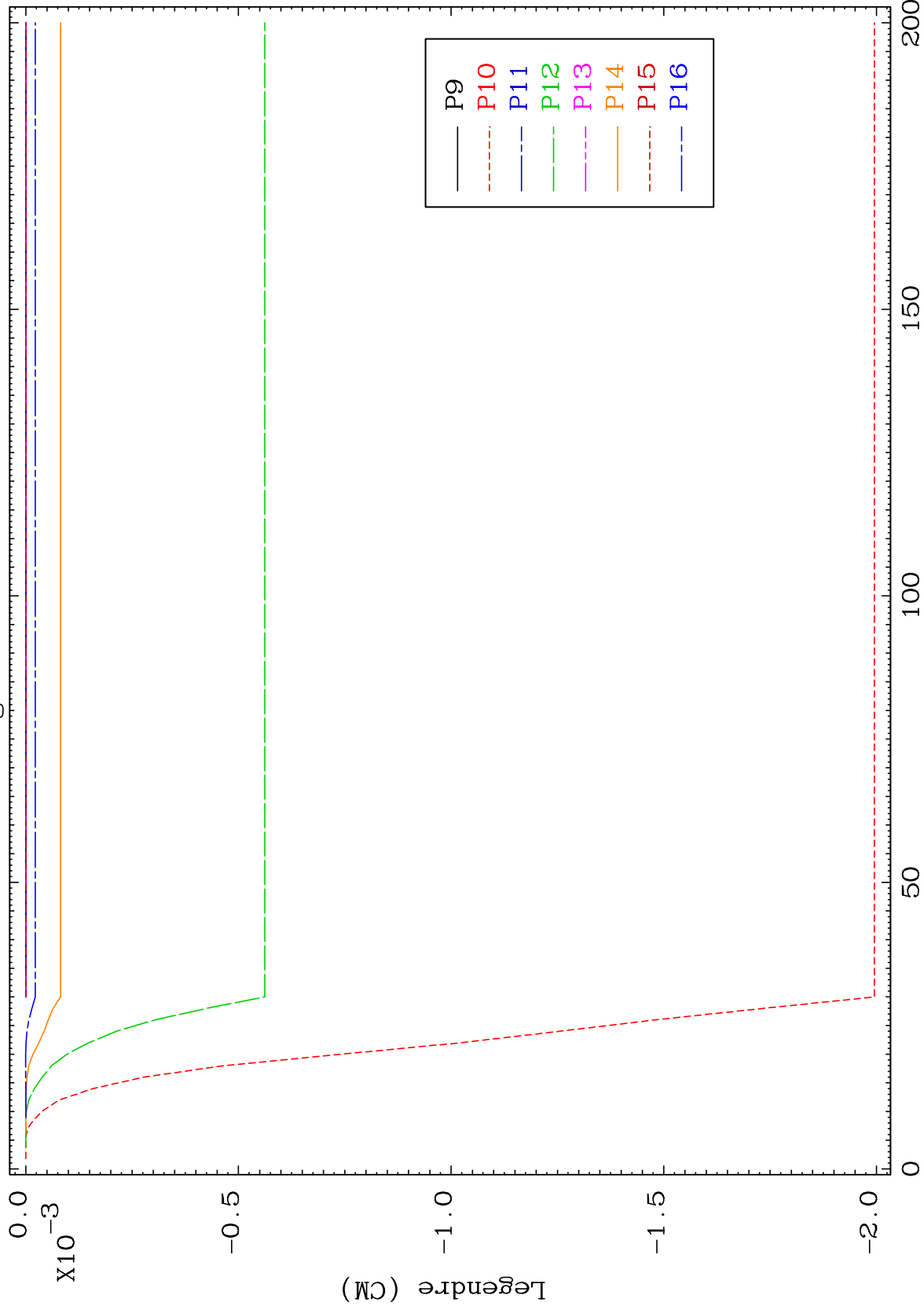
104

MAT 5328

MT= 75 (n,n') Level

53-I -128

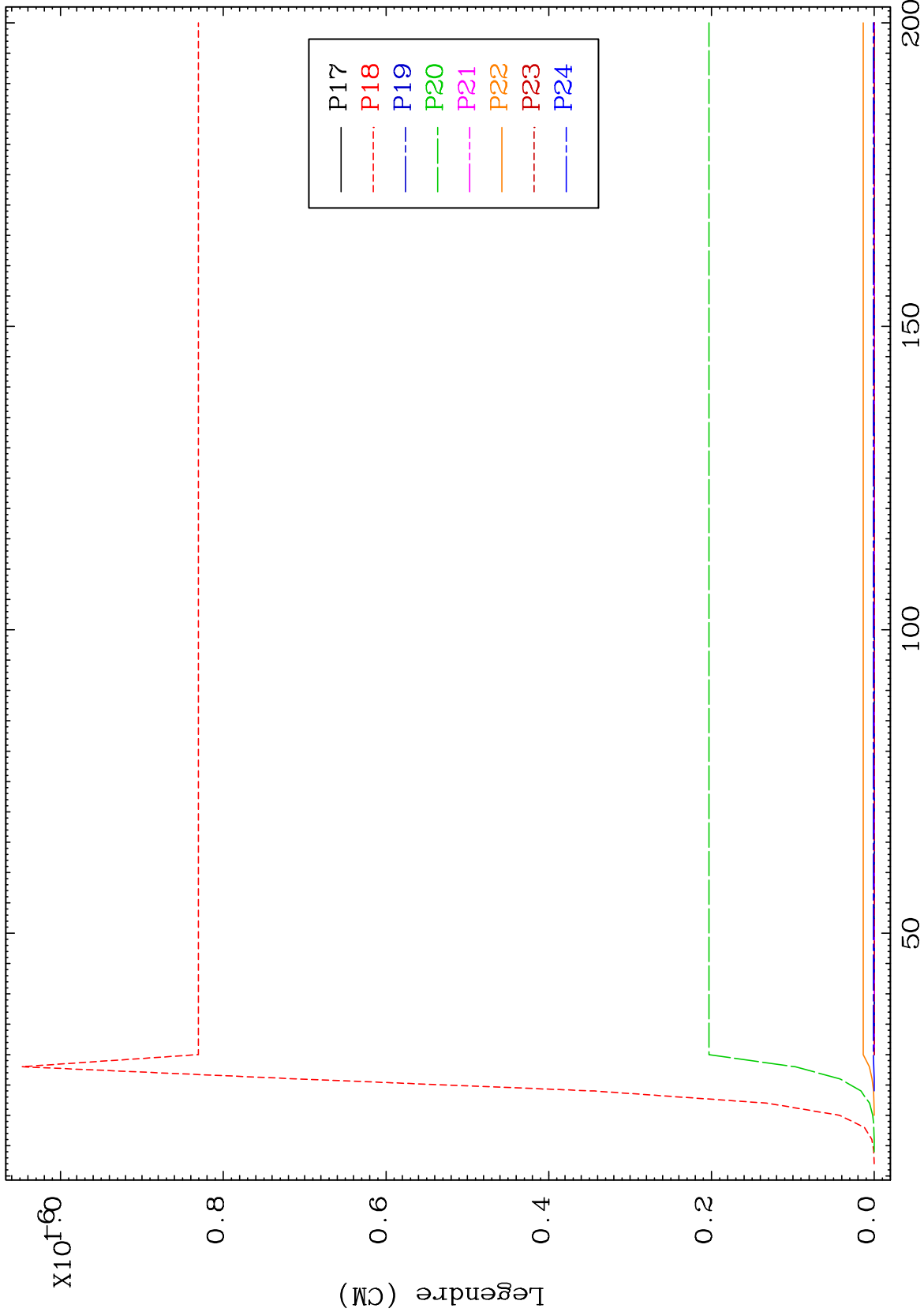
Legendre Coefficients



105

Incident Energy (MeV)

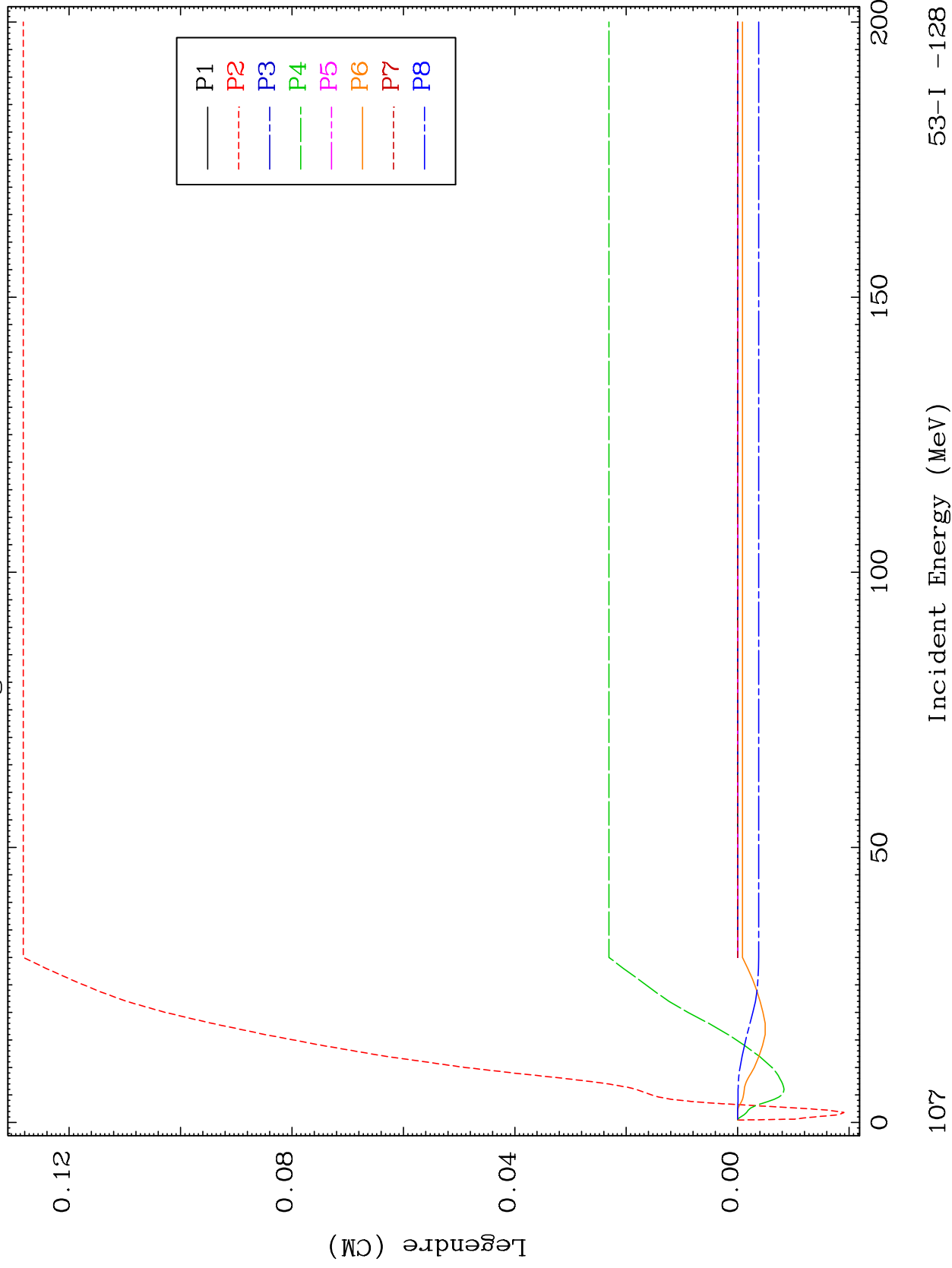
53-I -128



MAT 5328

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

53-I -128



53-I -128

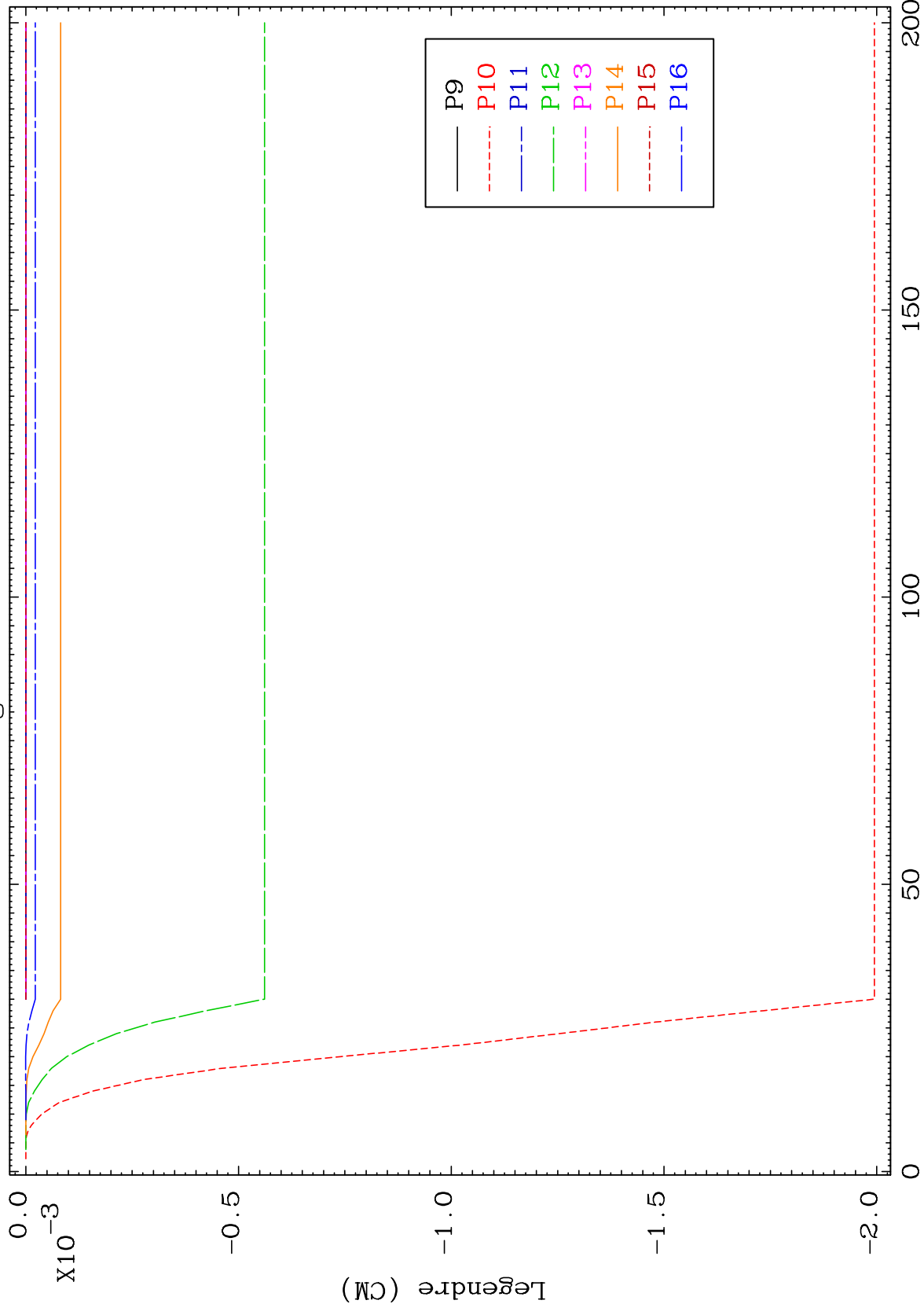
Incident Energy (MeV)

107

MAT 5328

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

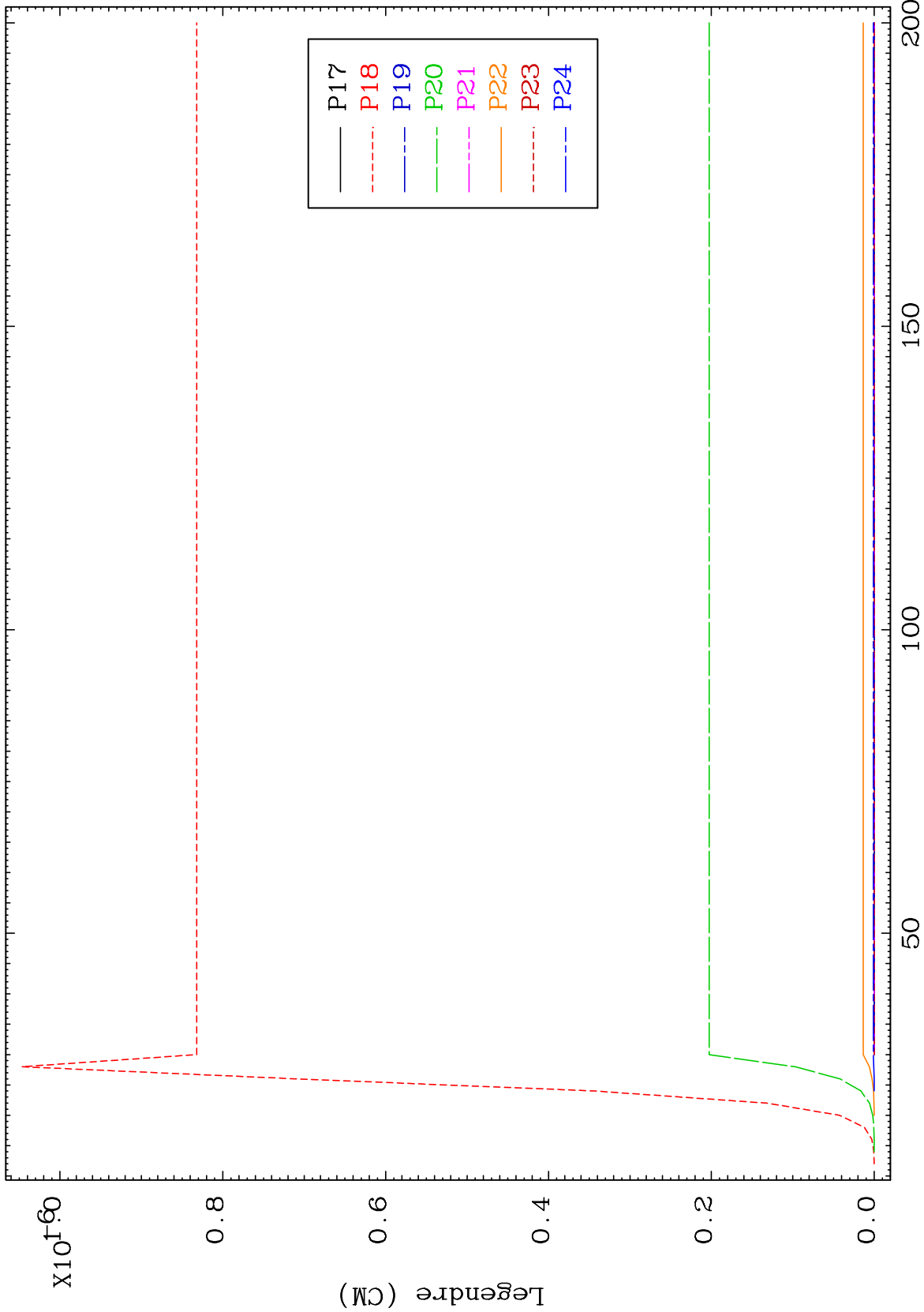
53-I -128



108

Incident Energy (MeV)

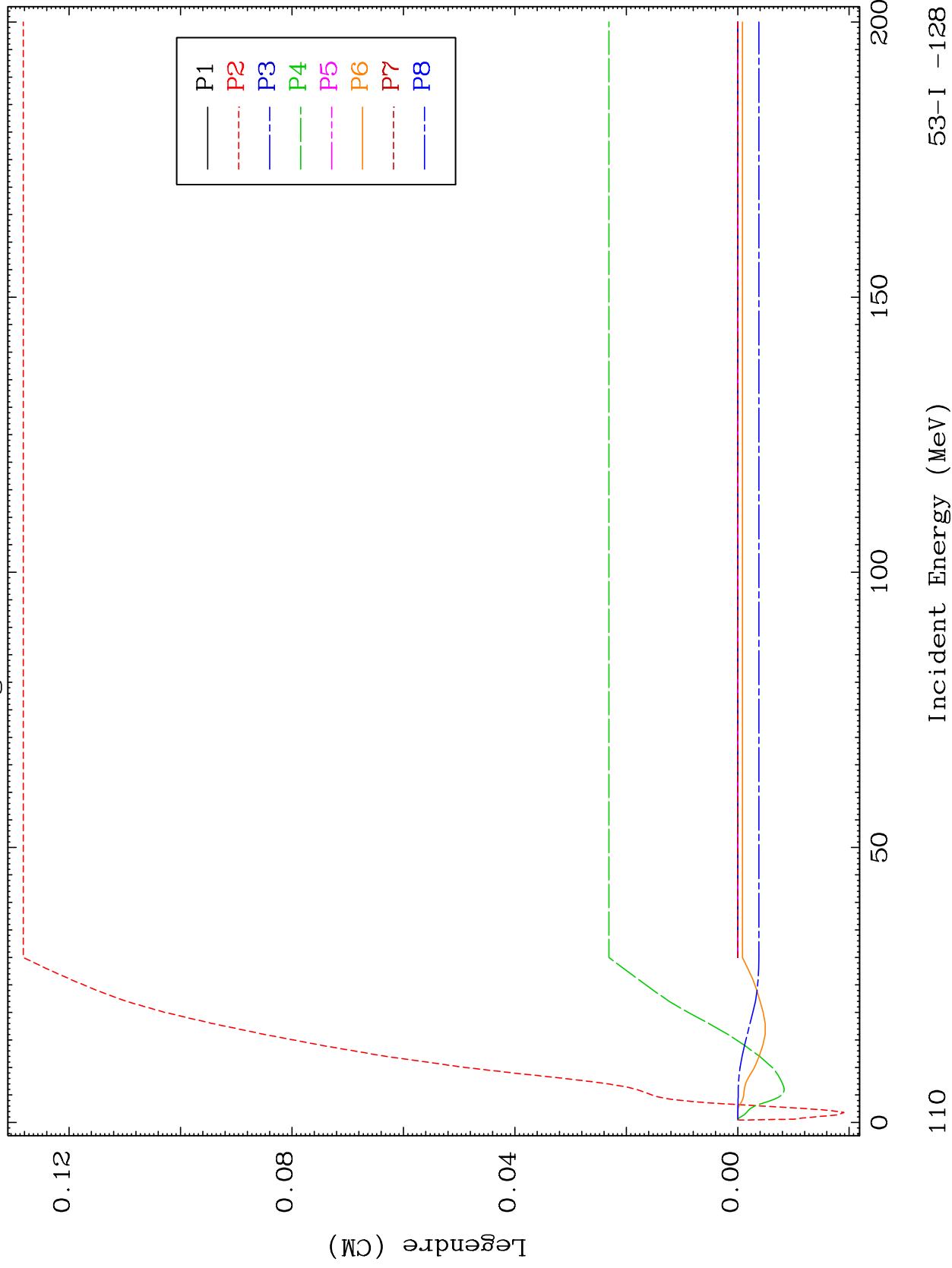
53-I -128



MAT 5328

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

53-I -128



53-I -128

Incident Energy (MeV)

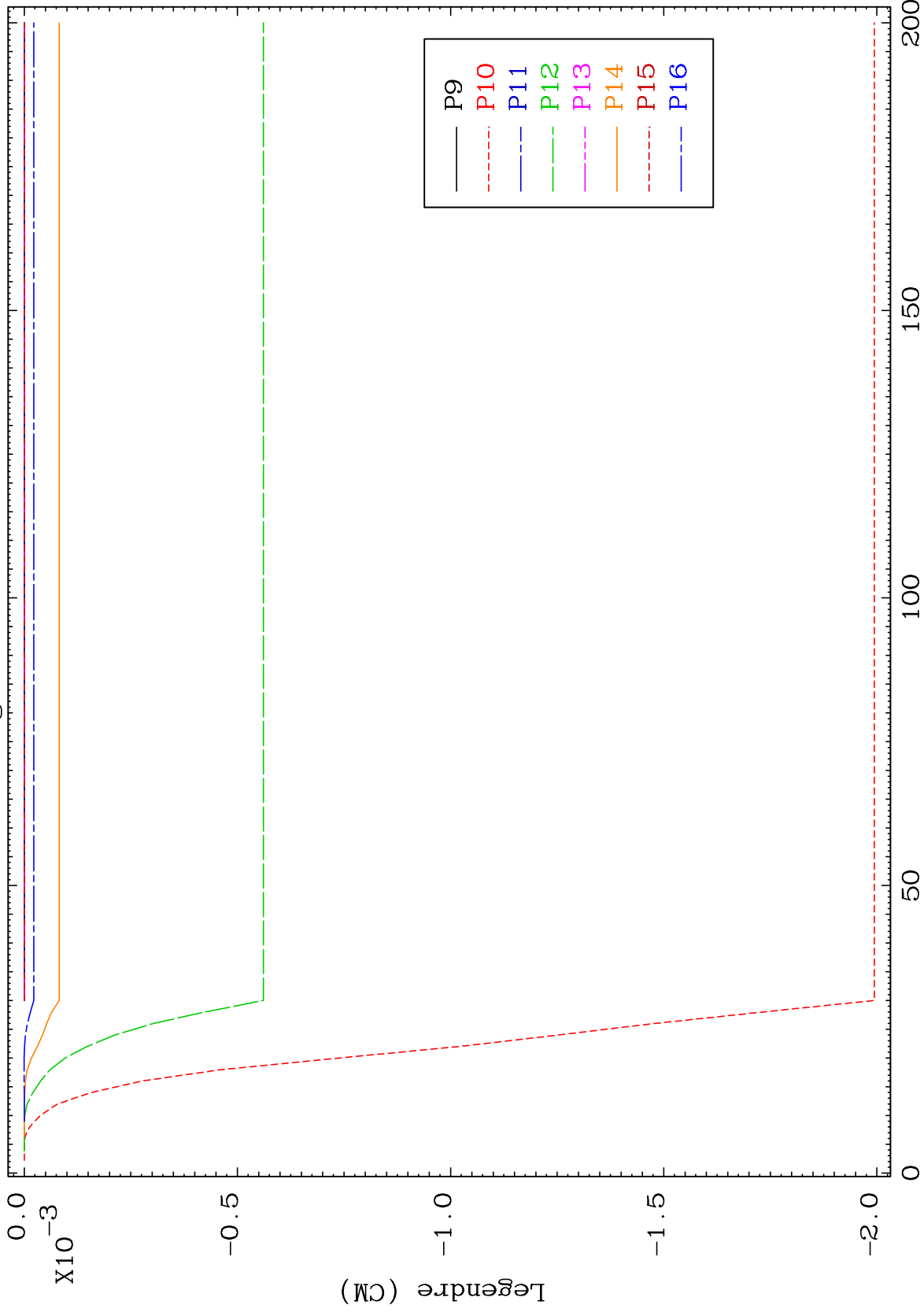
110

MAT 5328

MT= 77 (n,n') Level

53-I -128

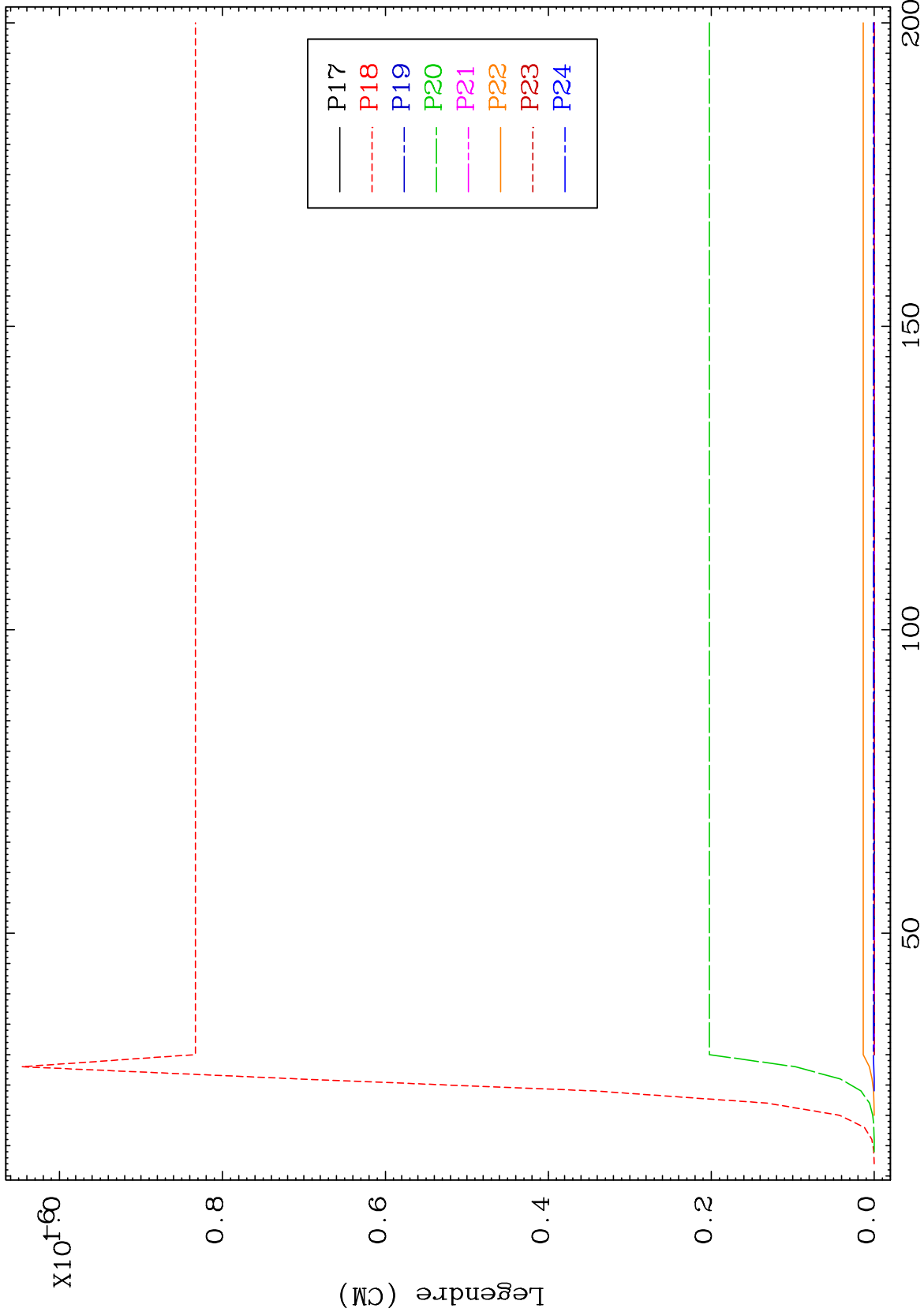
Legendre Coefficients

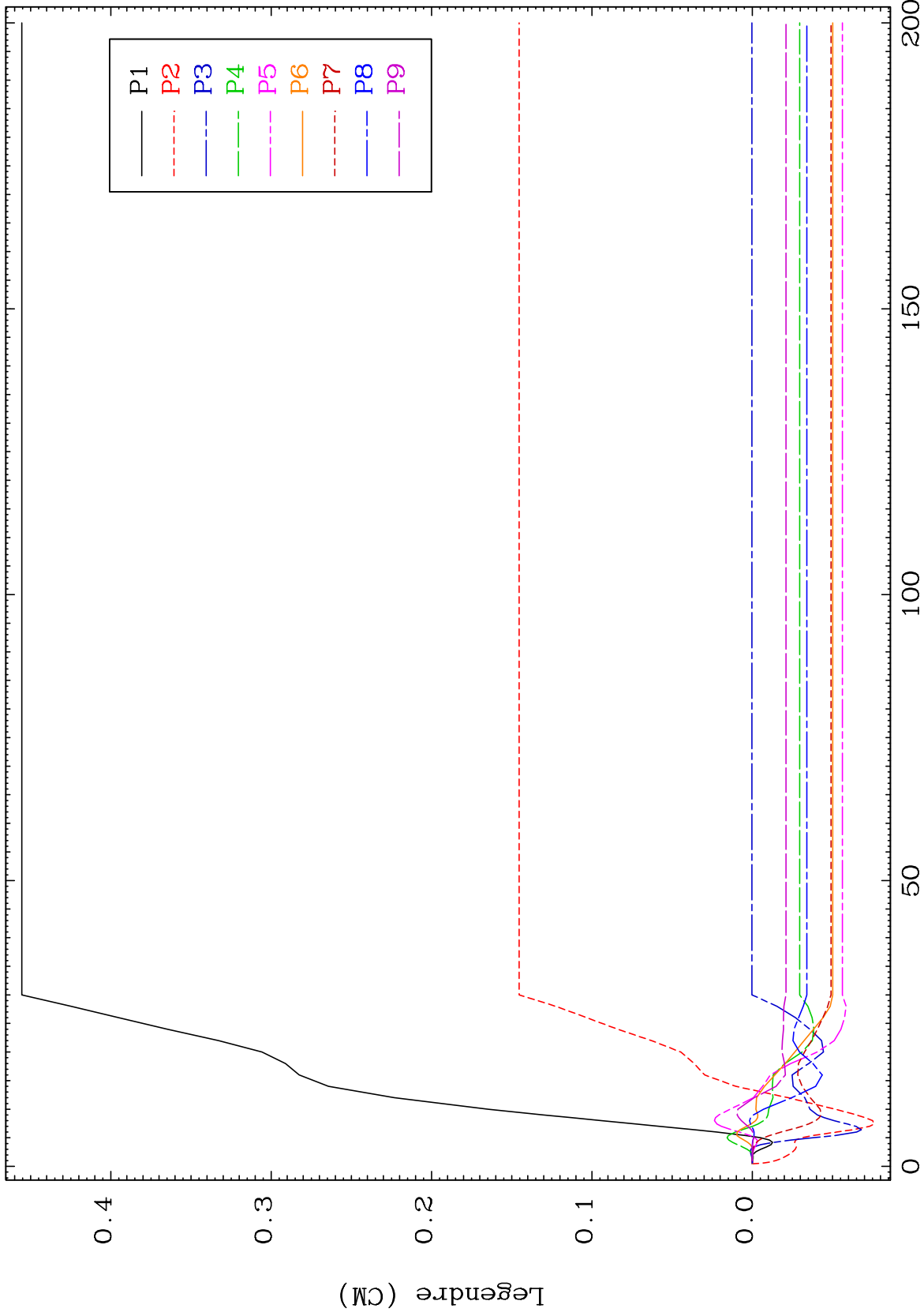


111

Incident Energy (MeV)

53-I -128

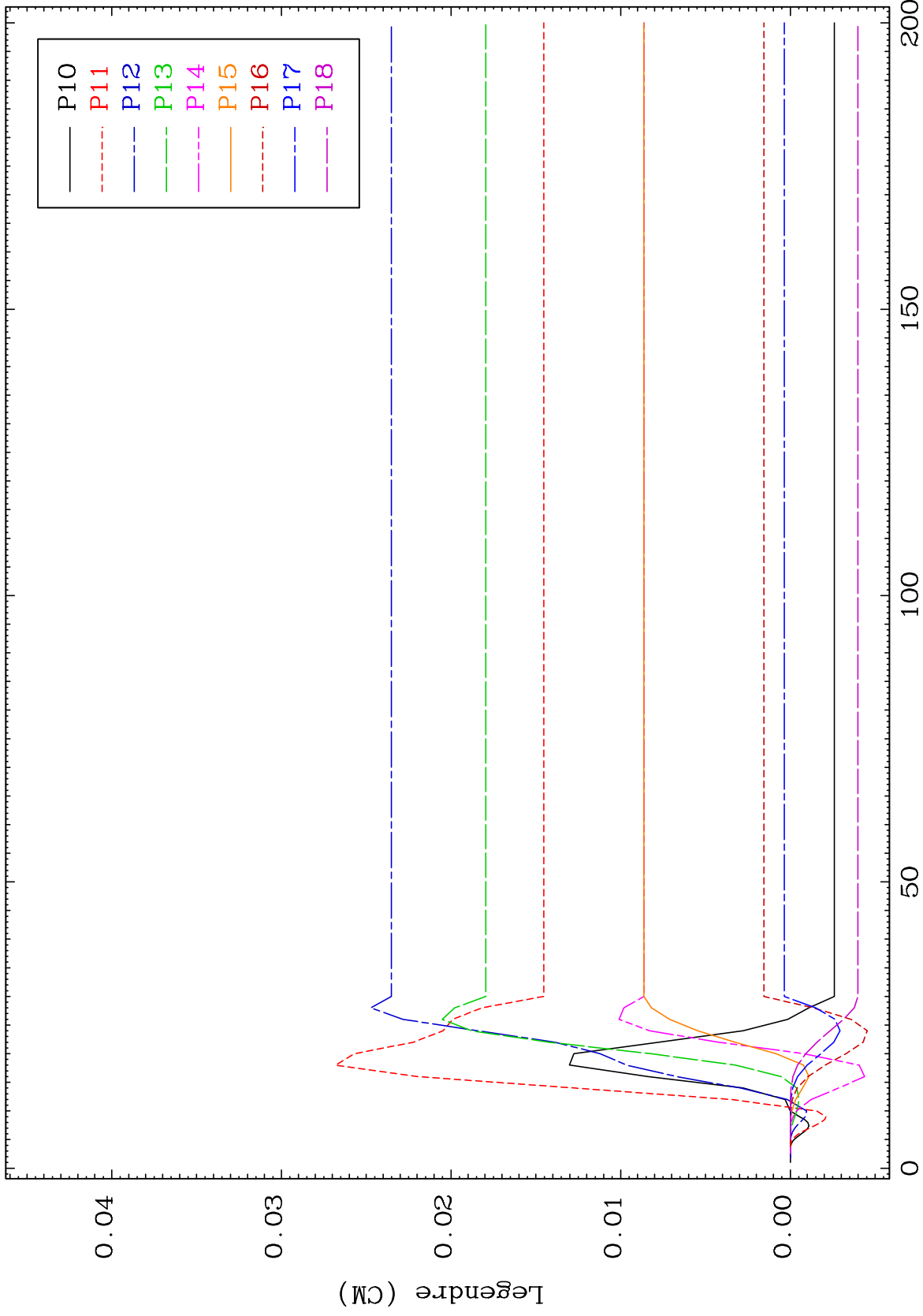




MAT 5328

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

53-I -128



114

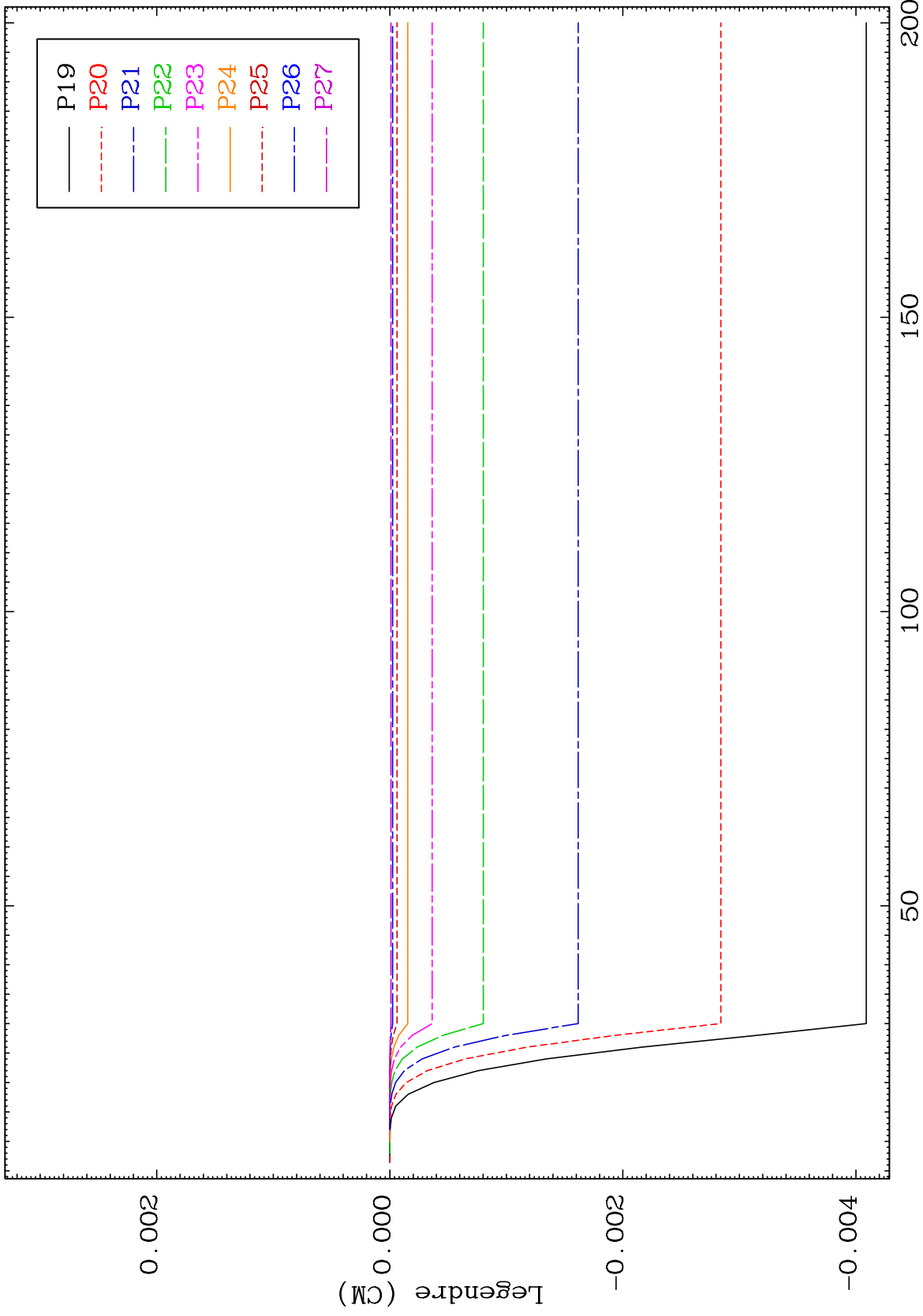
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



115

Incident Energy (MeV)

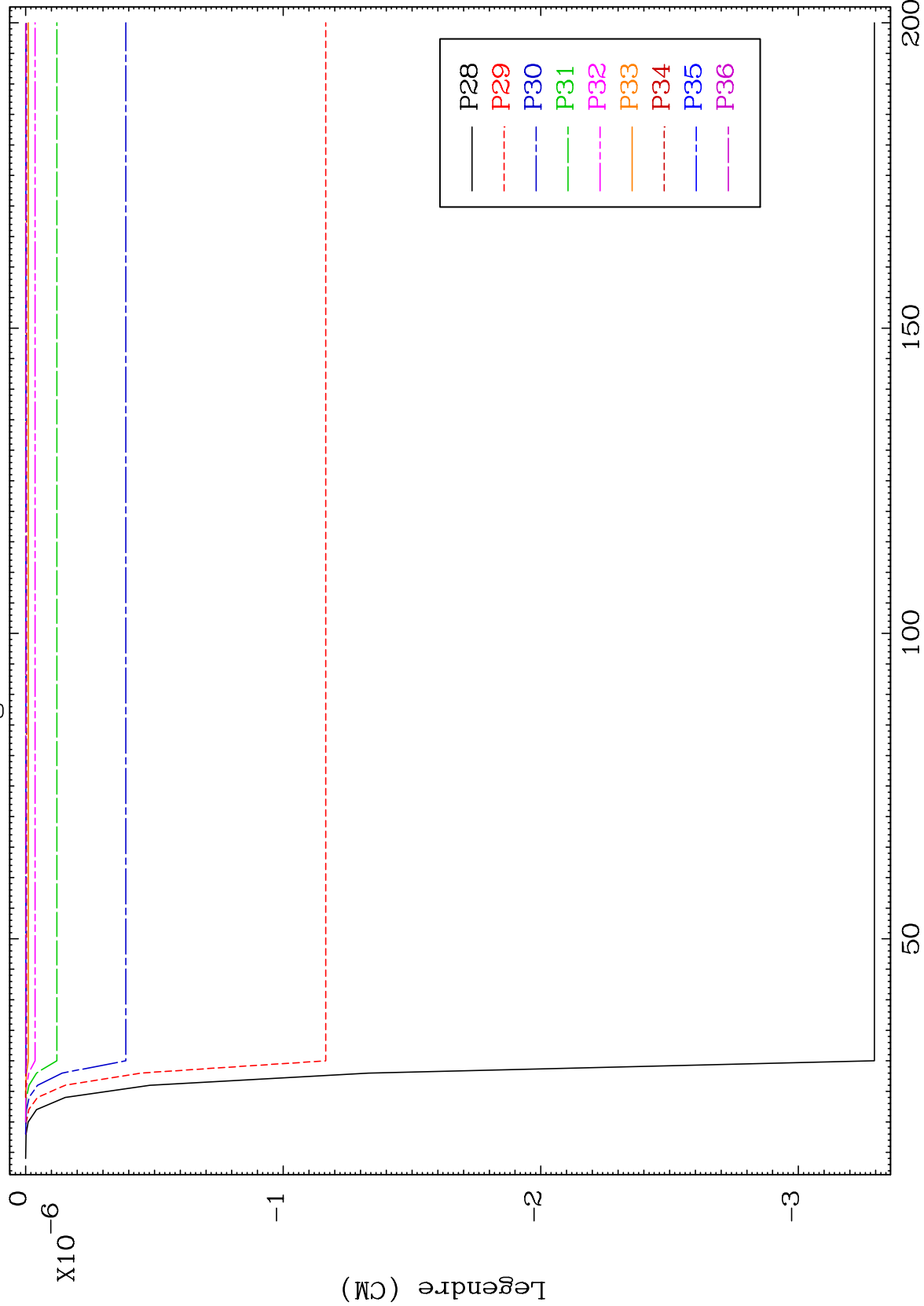
53-I -128

MAT 5328

MT= 78 (n,n') Level

53-I -128

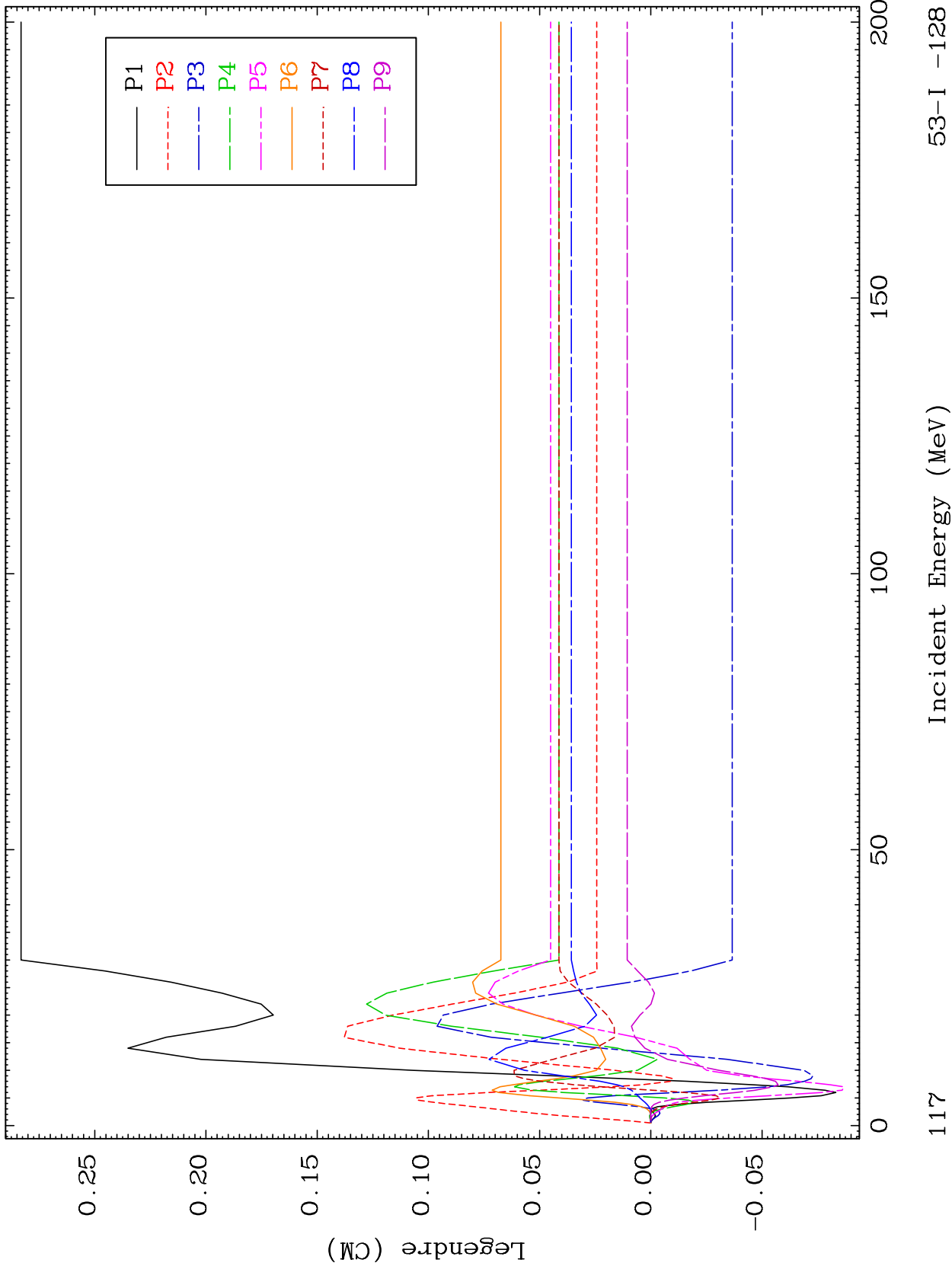
Legendre Coefficients



53-I -128

Incident Energy (MeV)

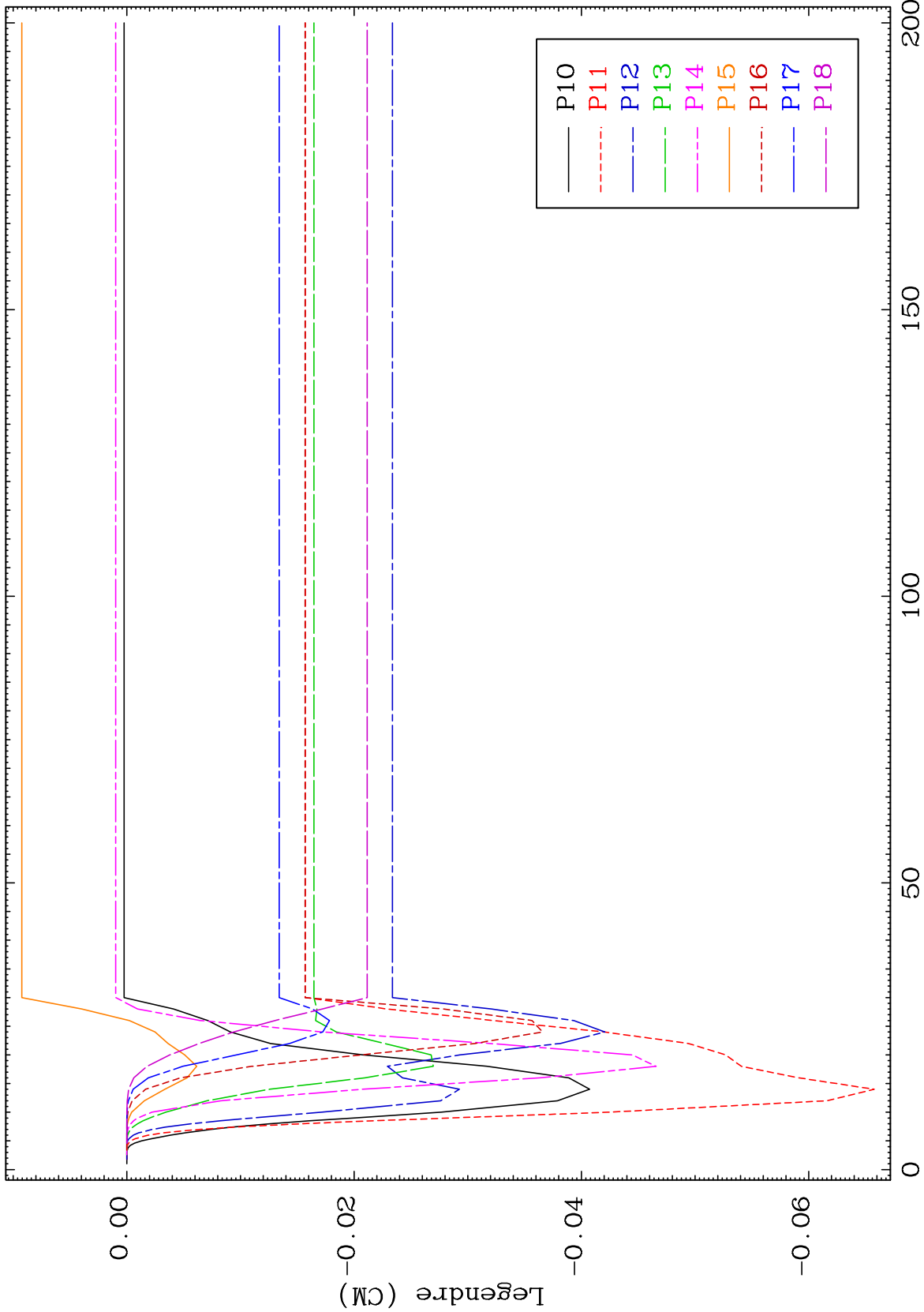
116



MAT 5328

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

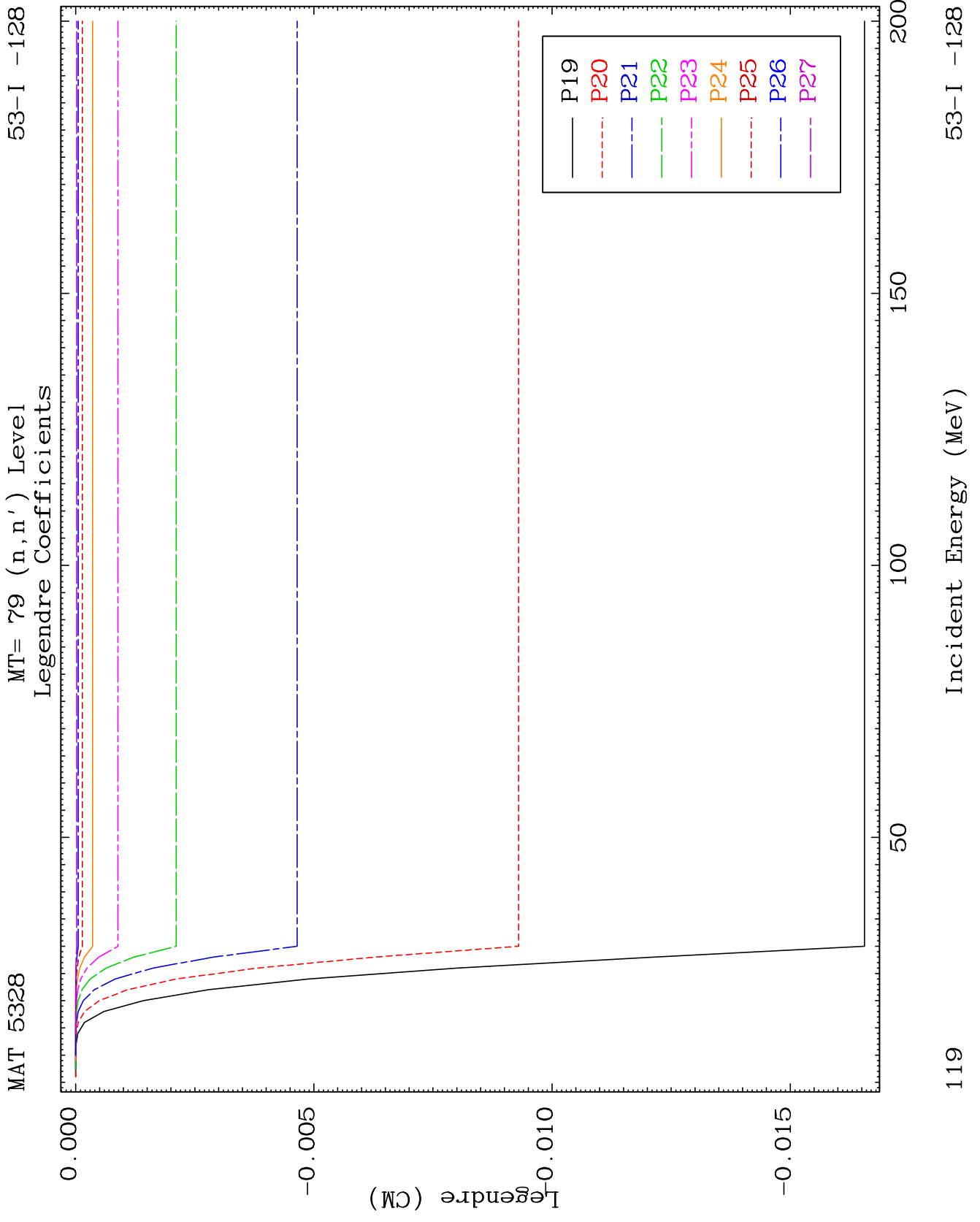
53-I -128



118

Incident Energy (MeV)

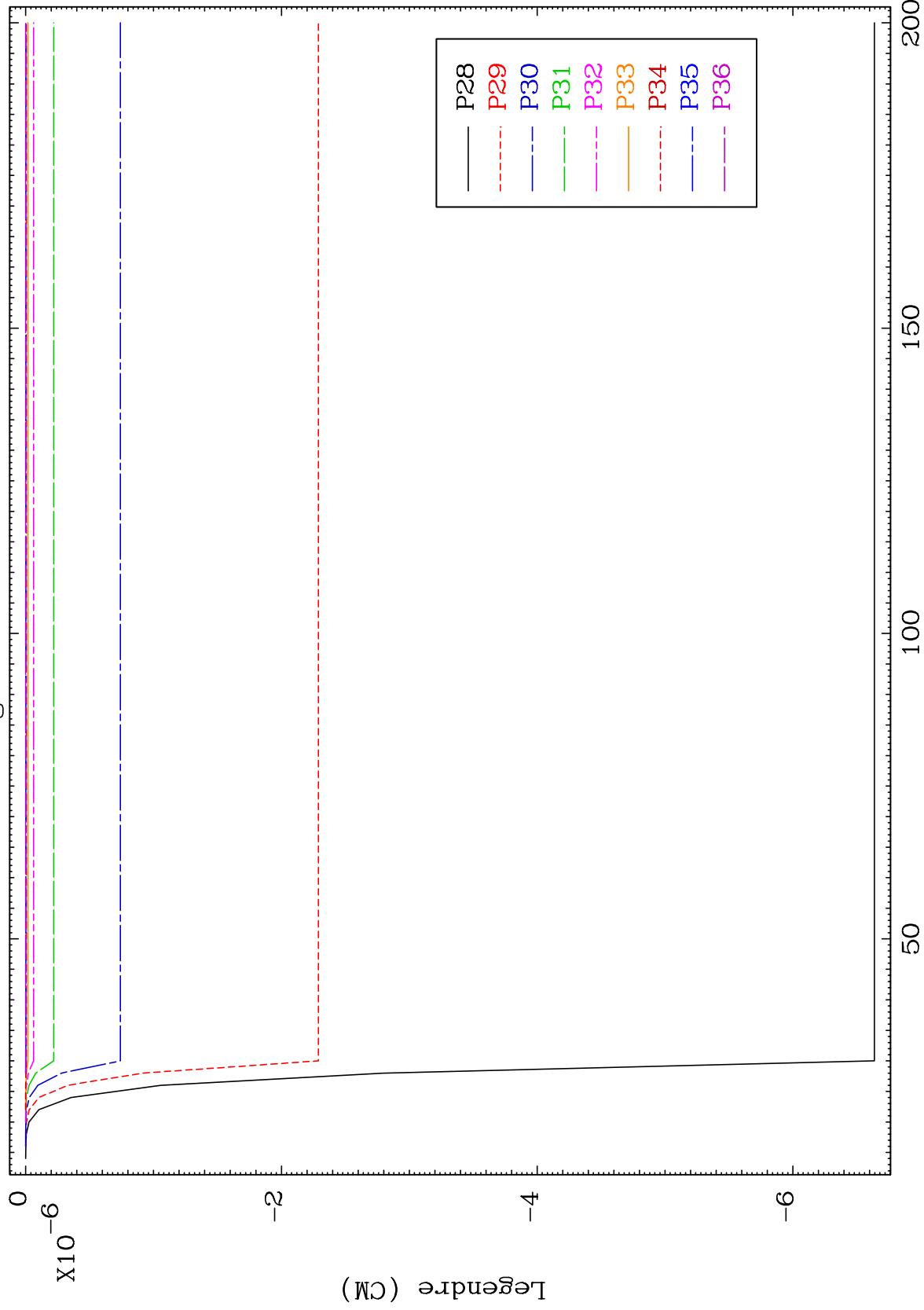
53-I -128



MAT 5328

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

53-I -128



120

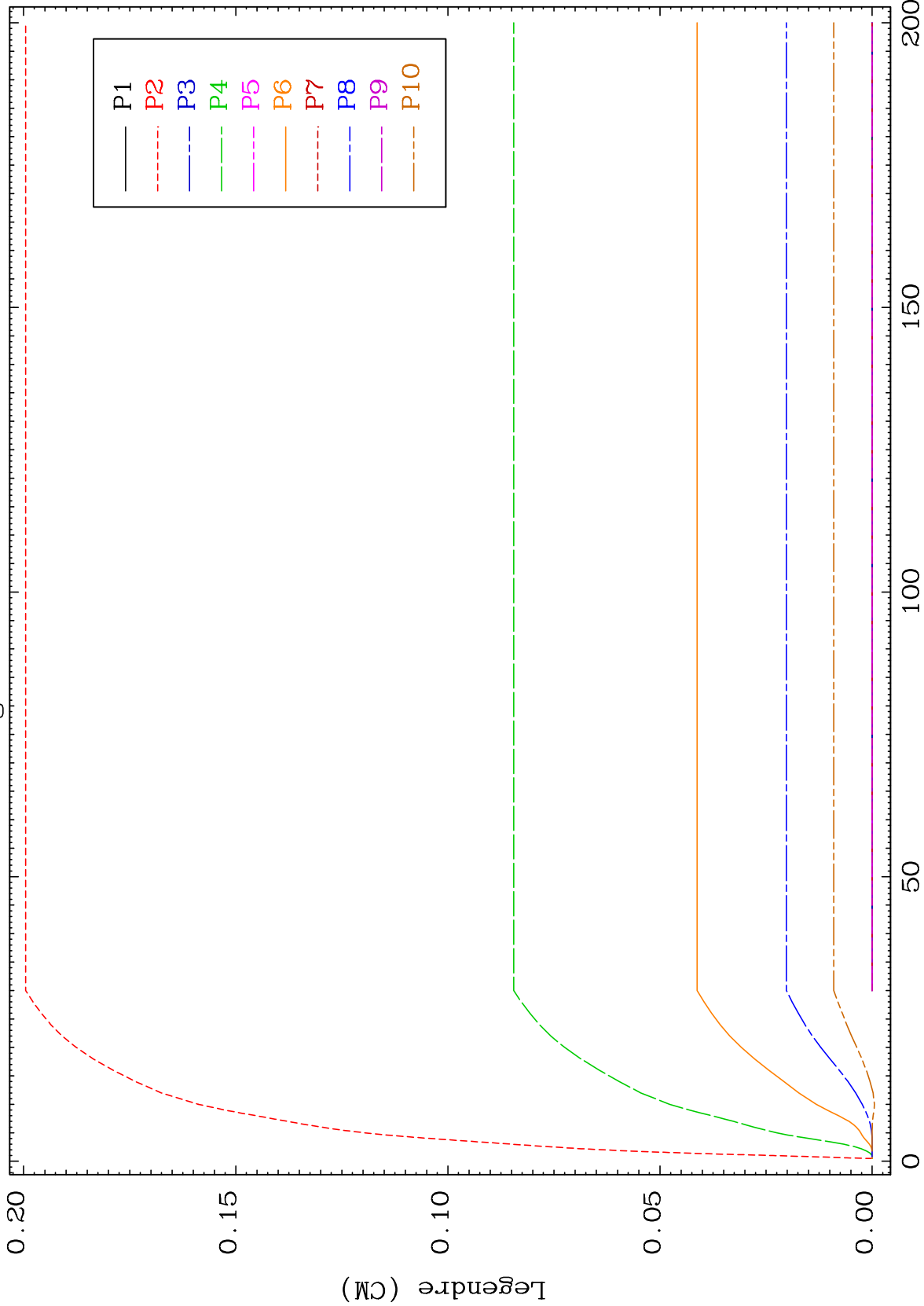
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



121

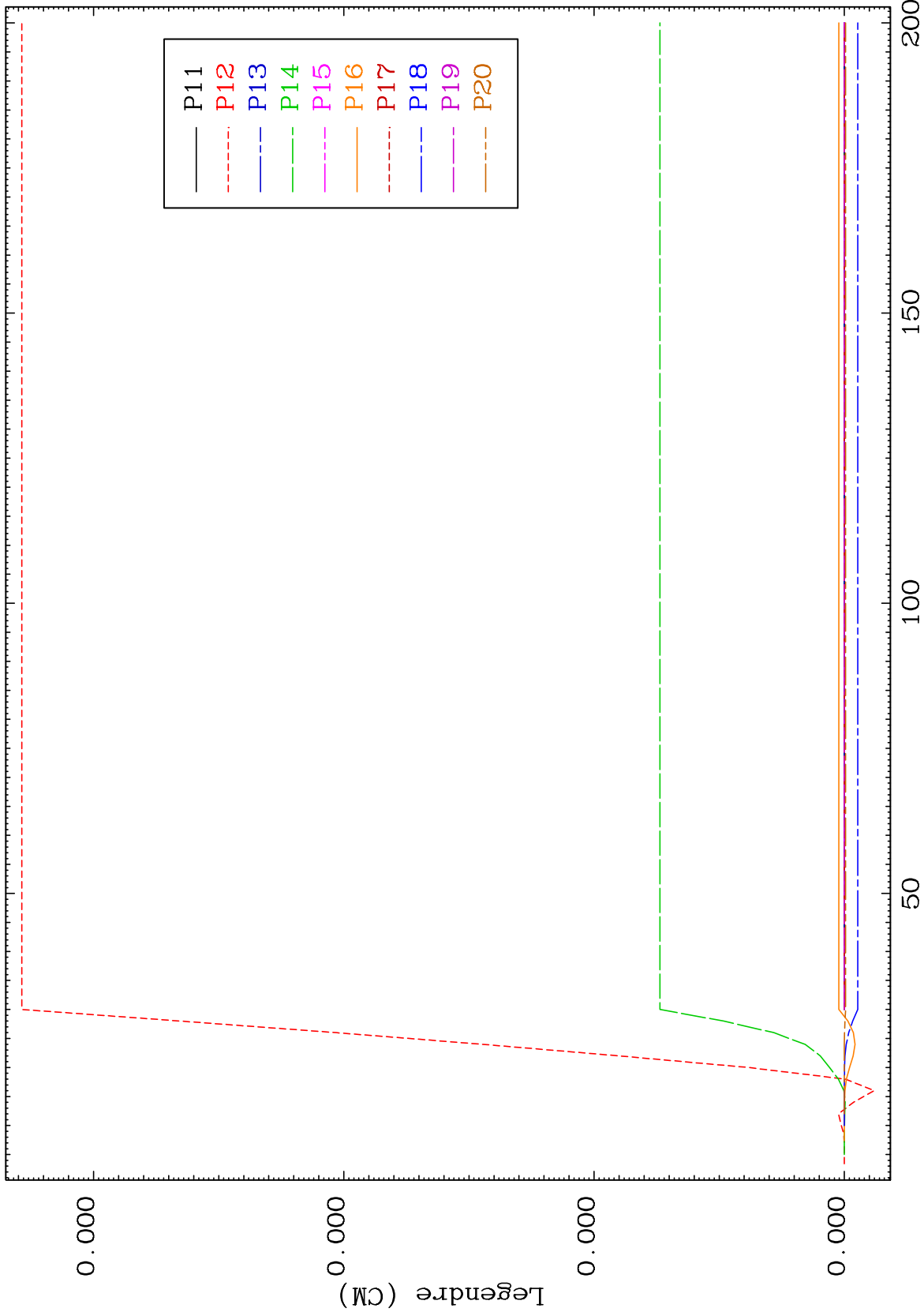
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



122

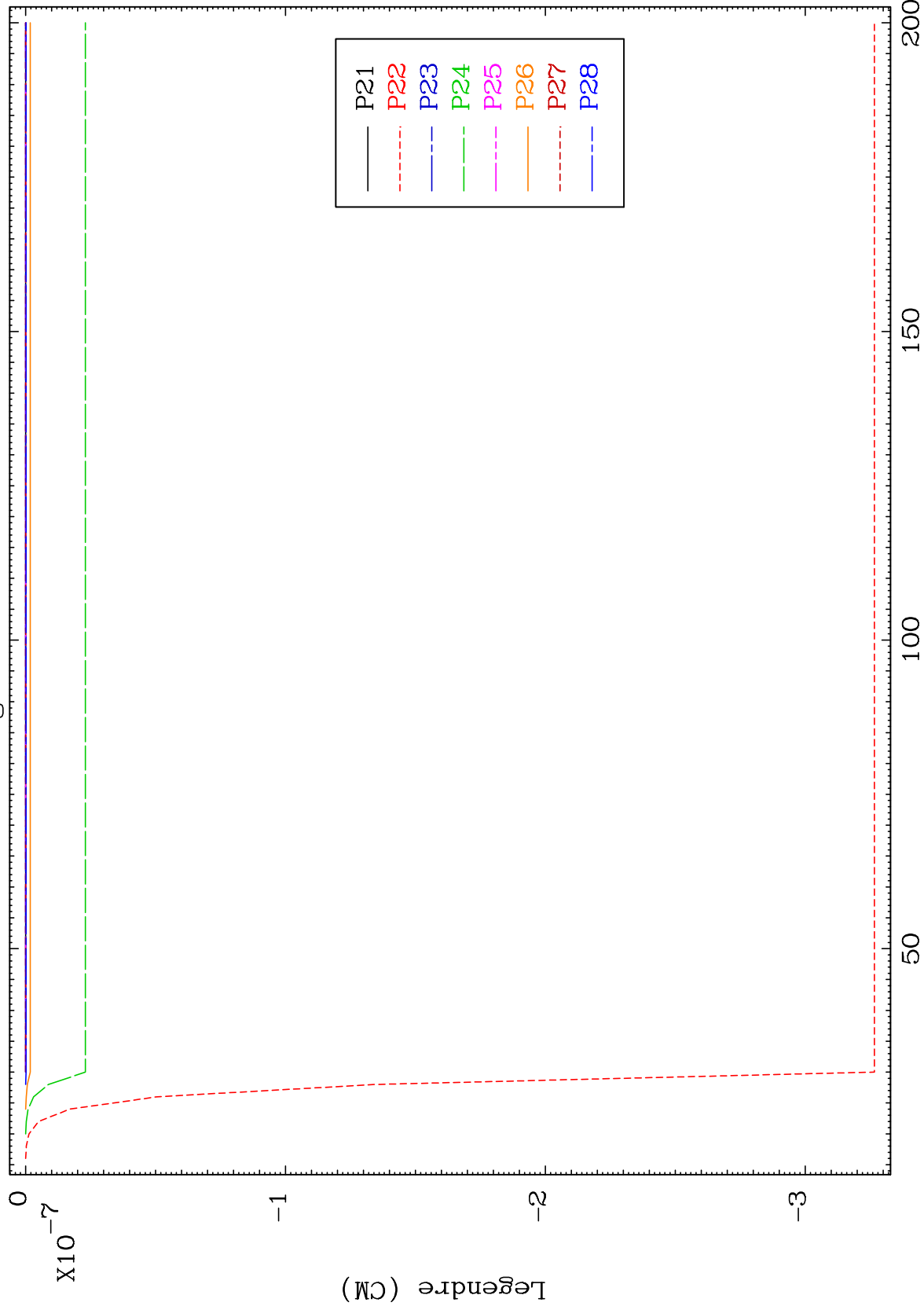
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



123

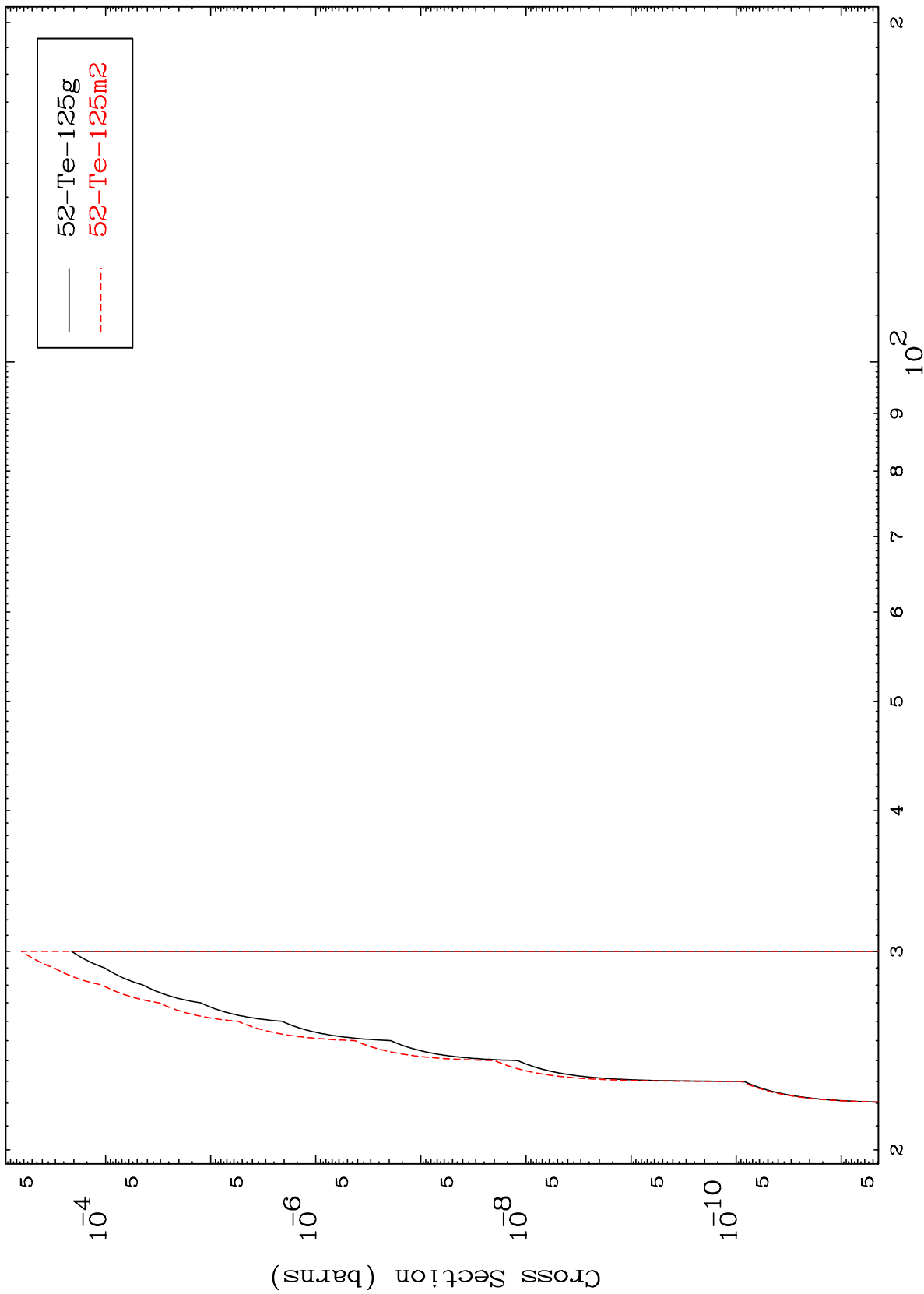
53-I -128

MAT 5328

(n,2n) d

53-I -128

Radionuclide Production Cross Section



124

Incident Energy (MeV)

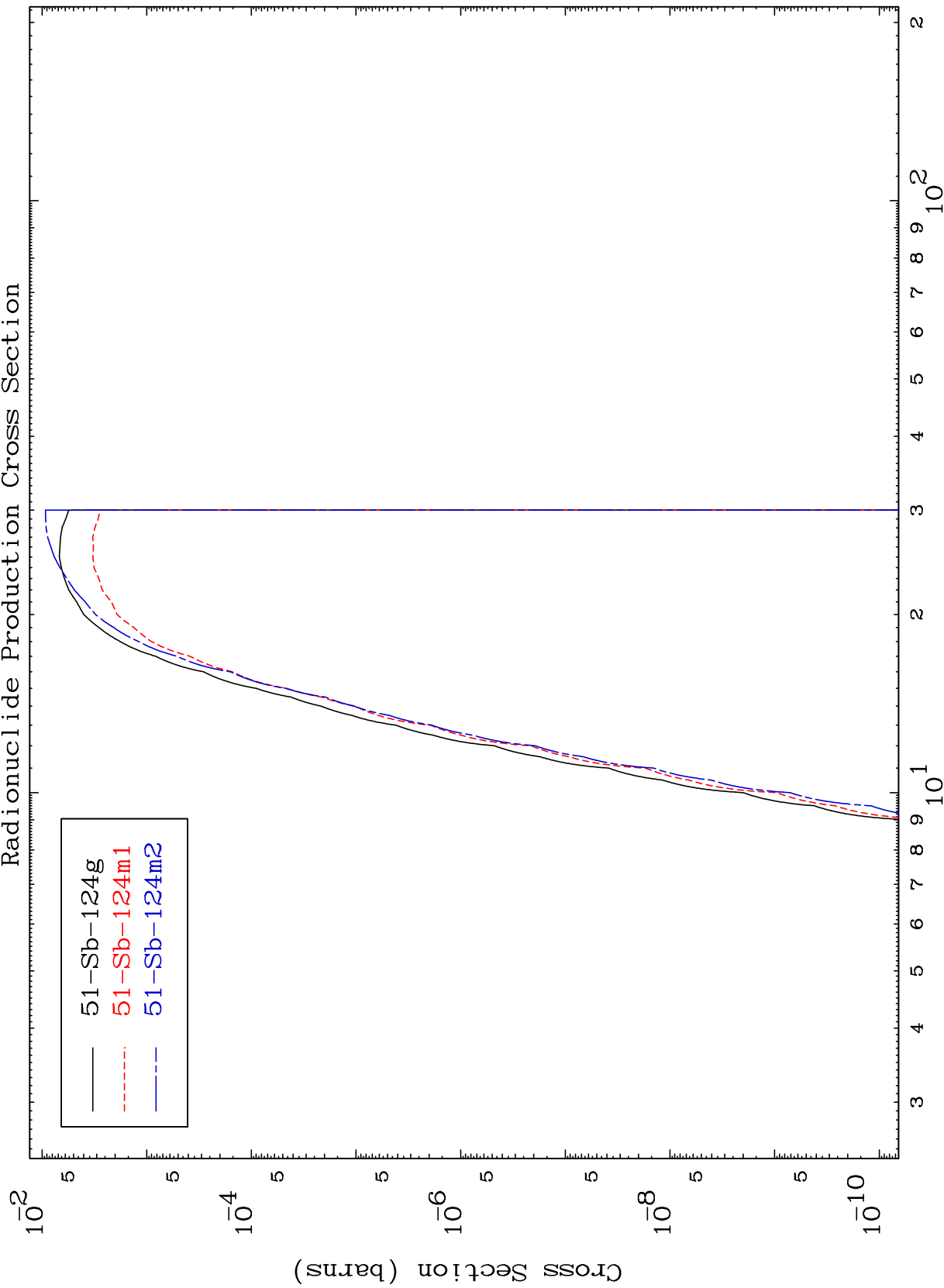
53-I -128

MAT 5328

(n,n') α

53-I -128

Radionuclide Production Cross Section

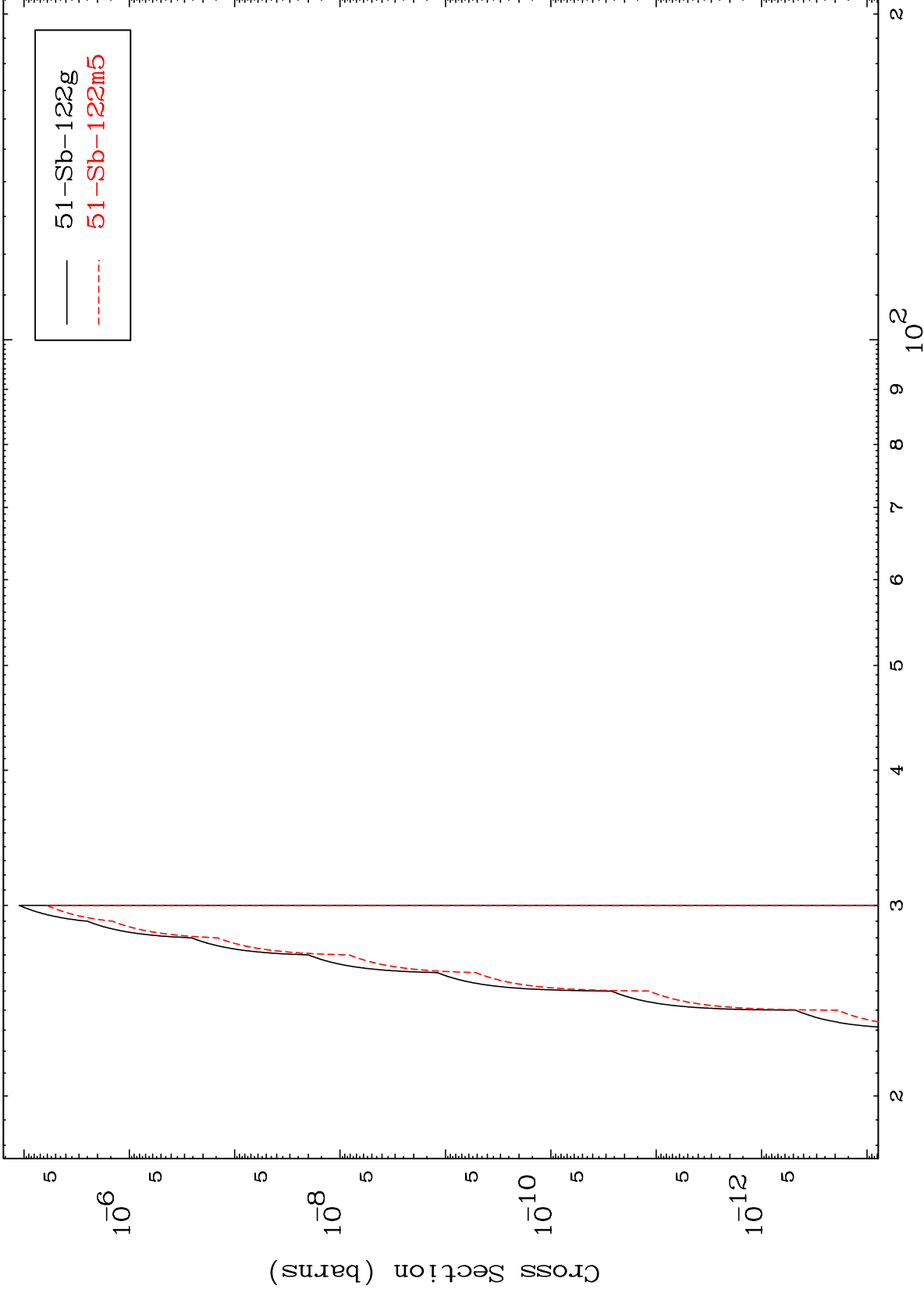


125

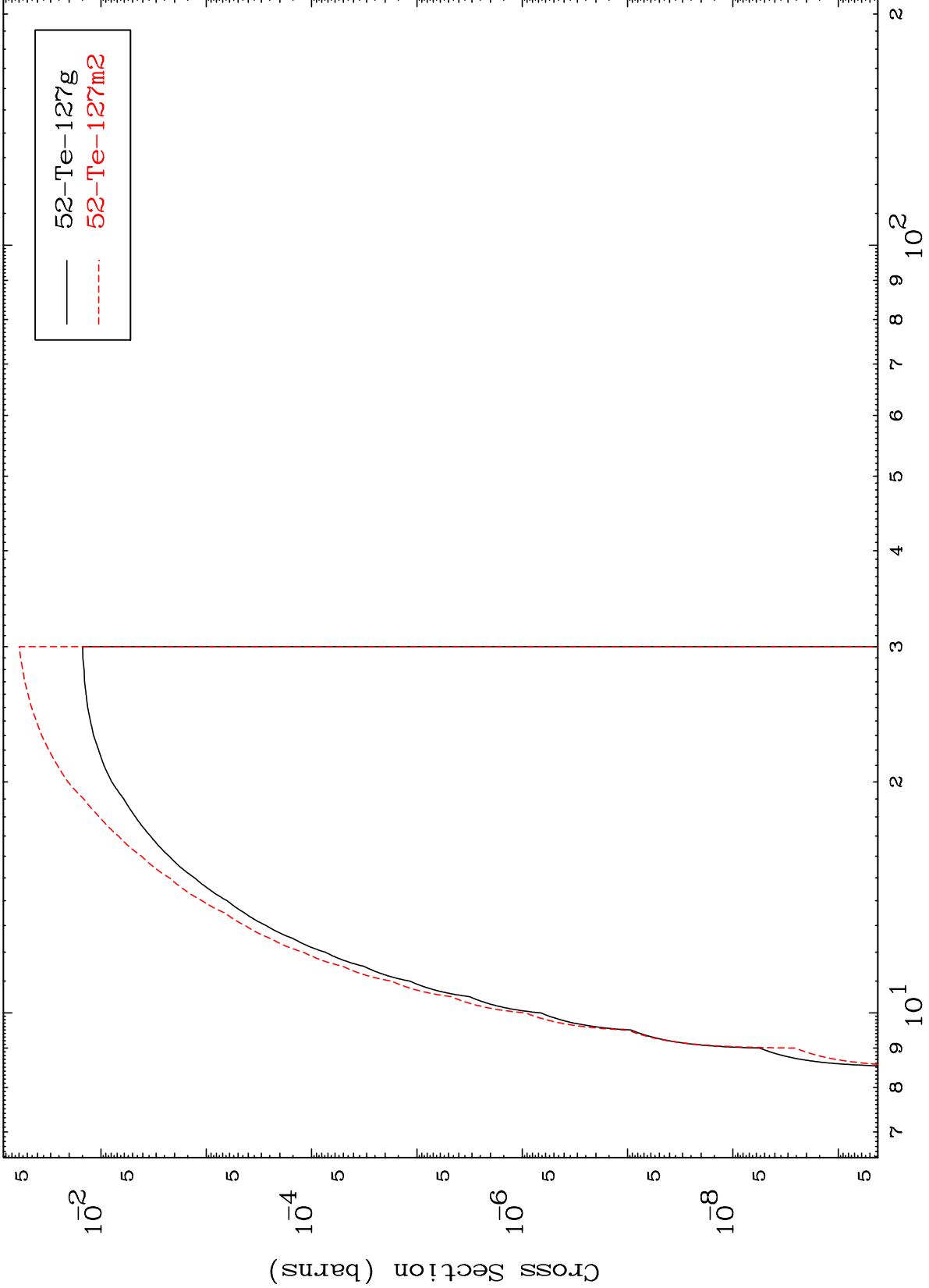
Incident Energy (MeV)

53-I -128

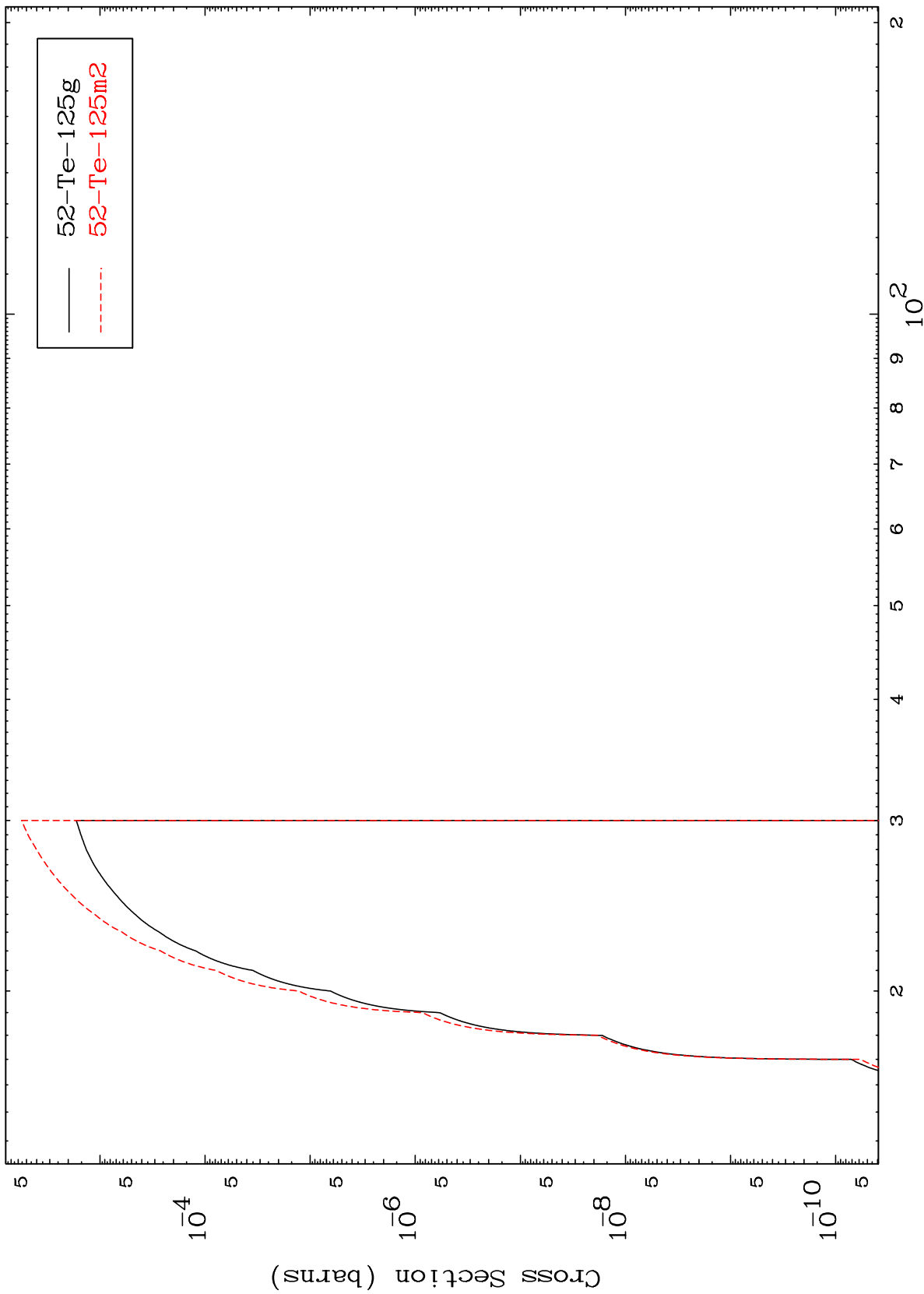
Radionuclide Production Cross Section



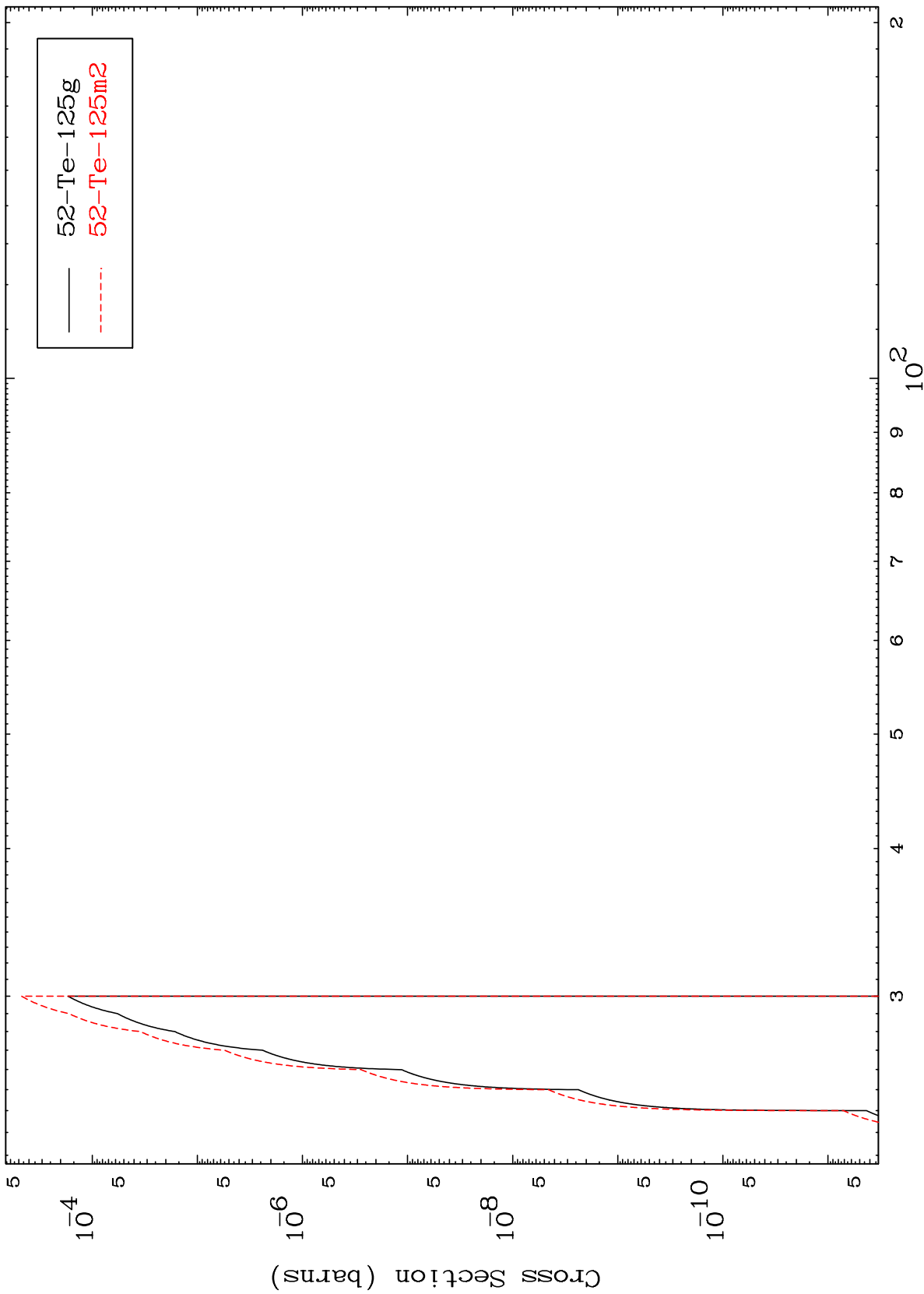
Radionuclide Production Cross Section



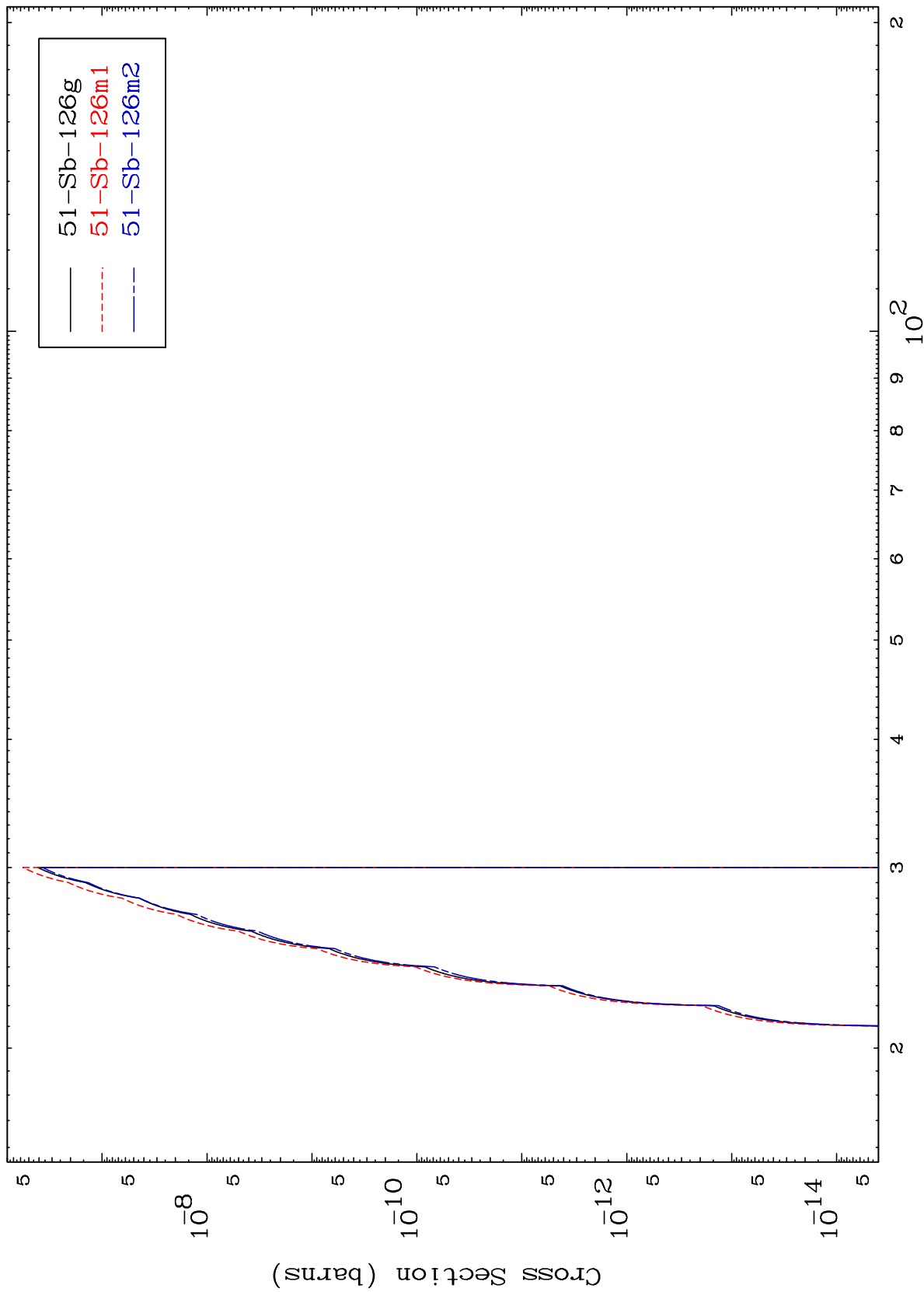
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

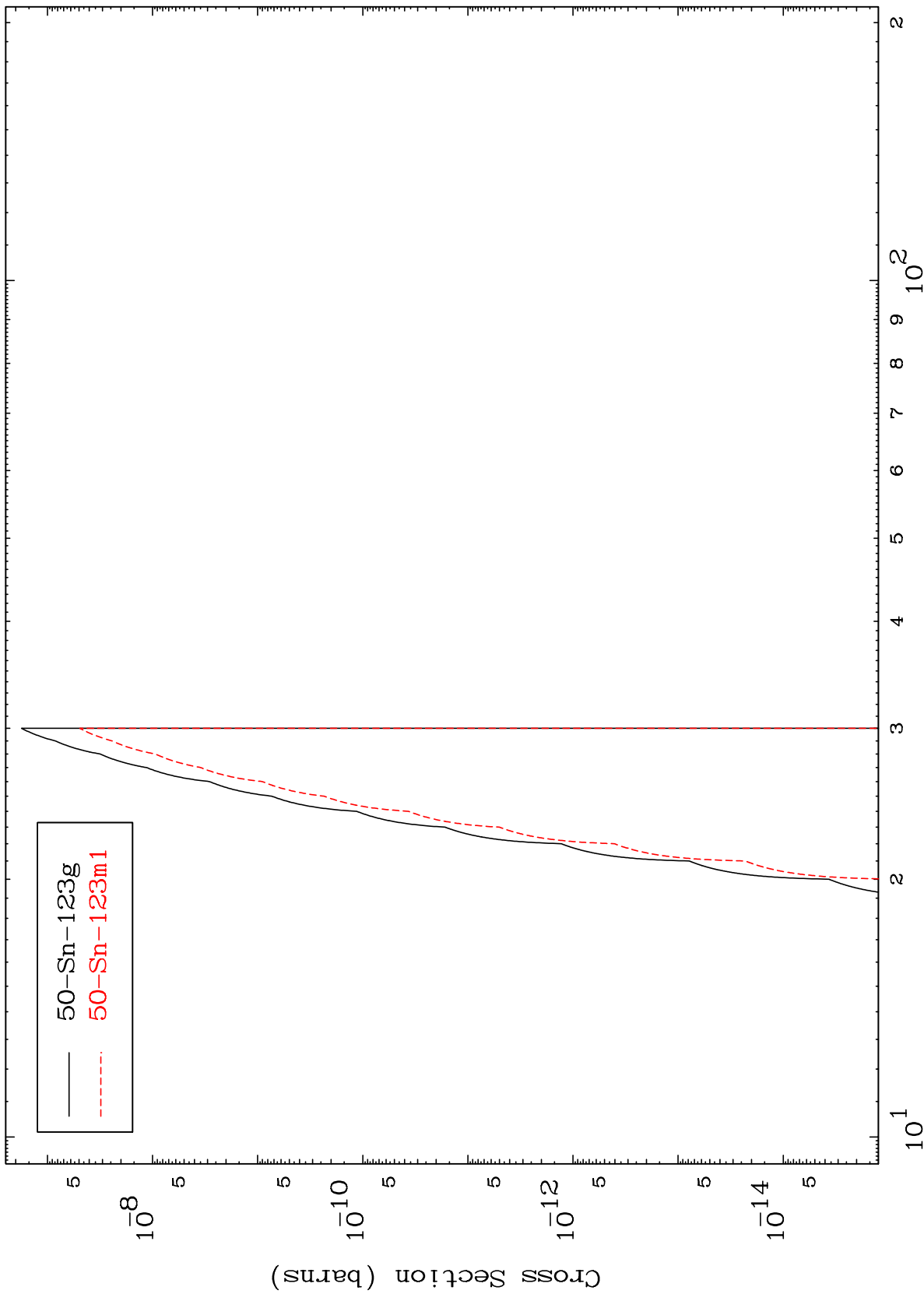


MAT 5328

(n,n') p α

53-I -128

Radionuclide Production Cross Section



50-Sn-123g
50-Sn-123m1

131

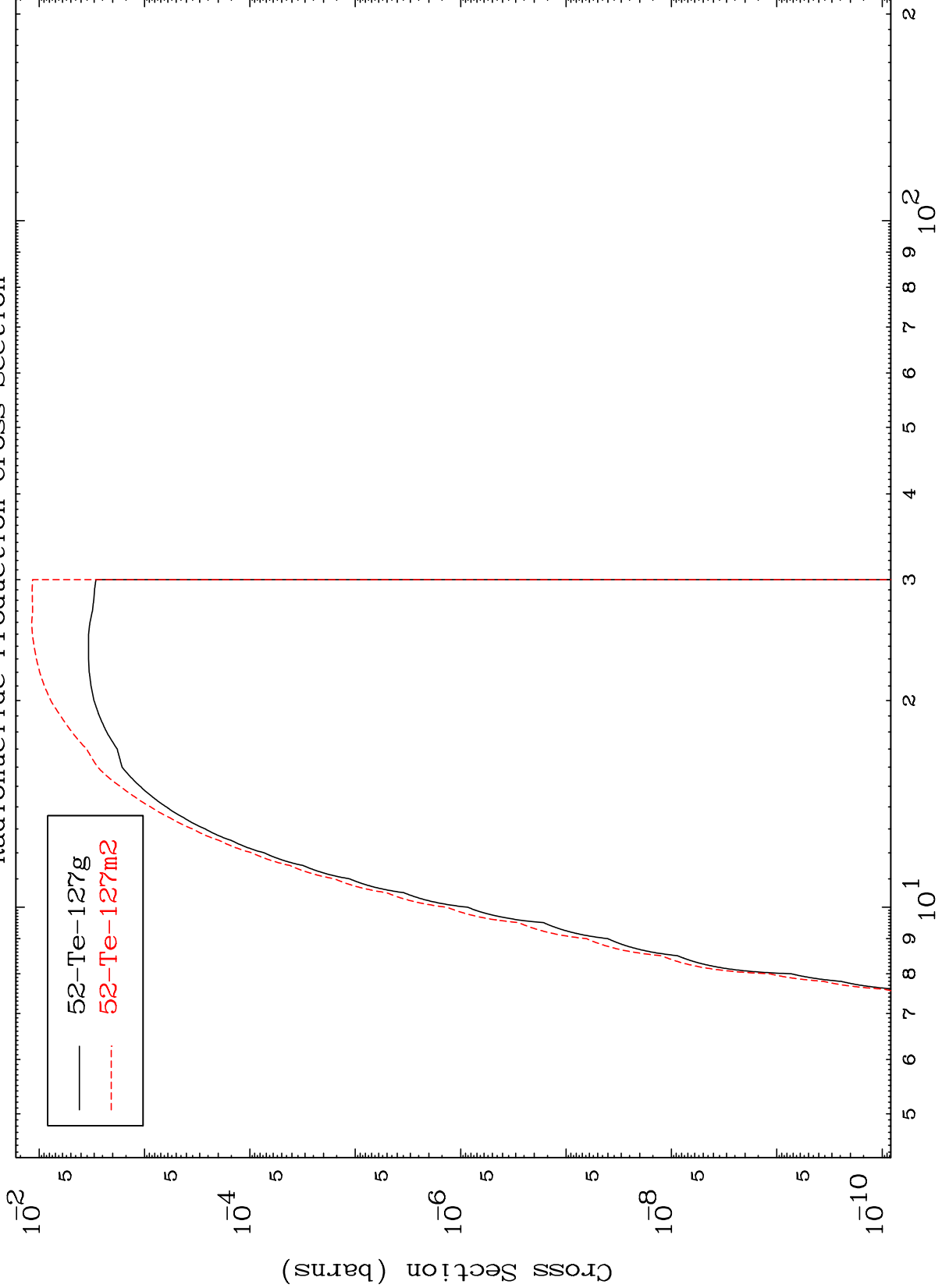
Incident Energy (MeV)

53-I -128

MAT 5328

53-I -128

Radionuclide Production Cross Section (n,d)



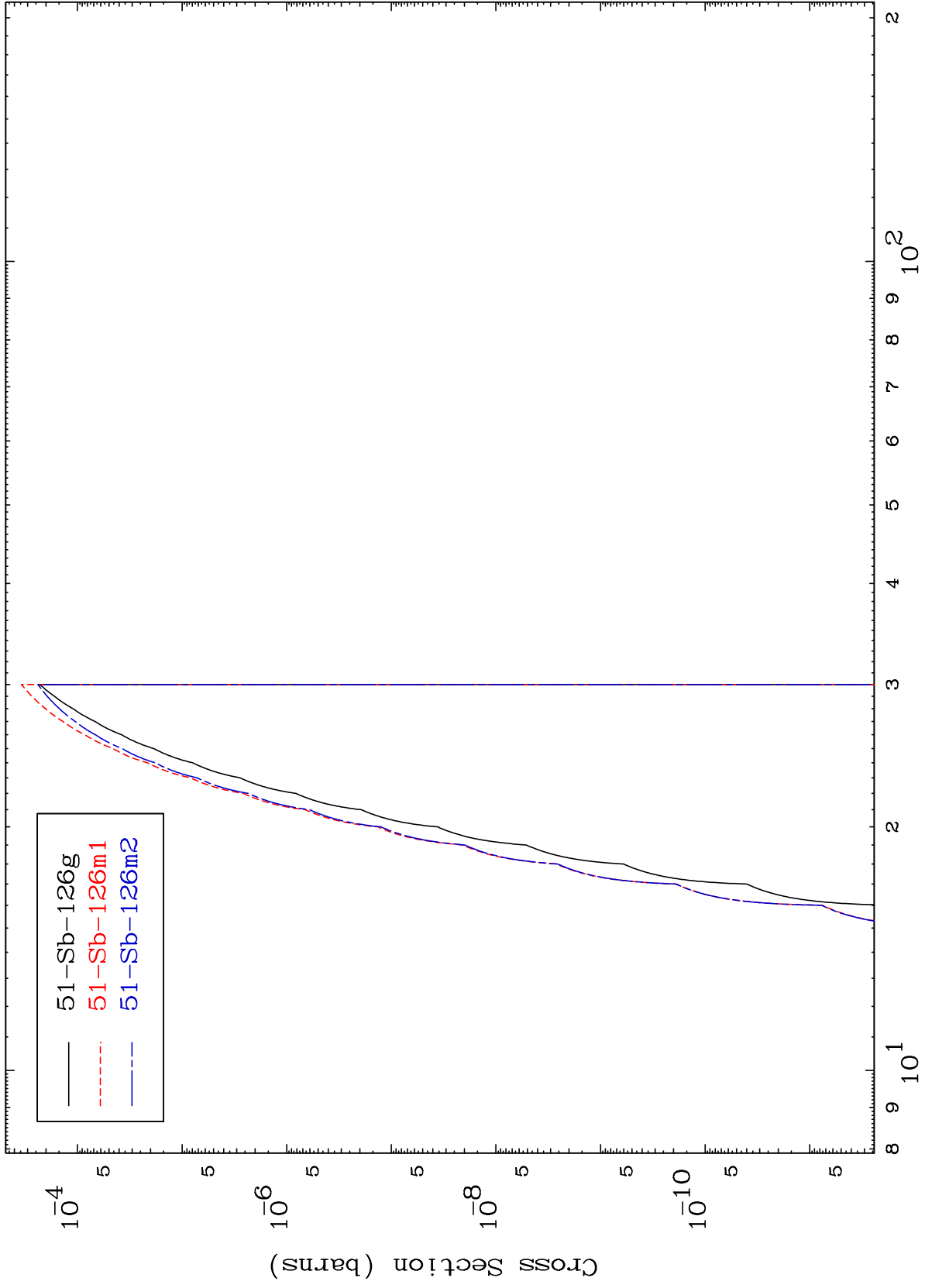
52-Te-127g
52-Te-127m2

132

Incident Energy (MeV)

53-I -128

Radionuclide Production Cross Section

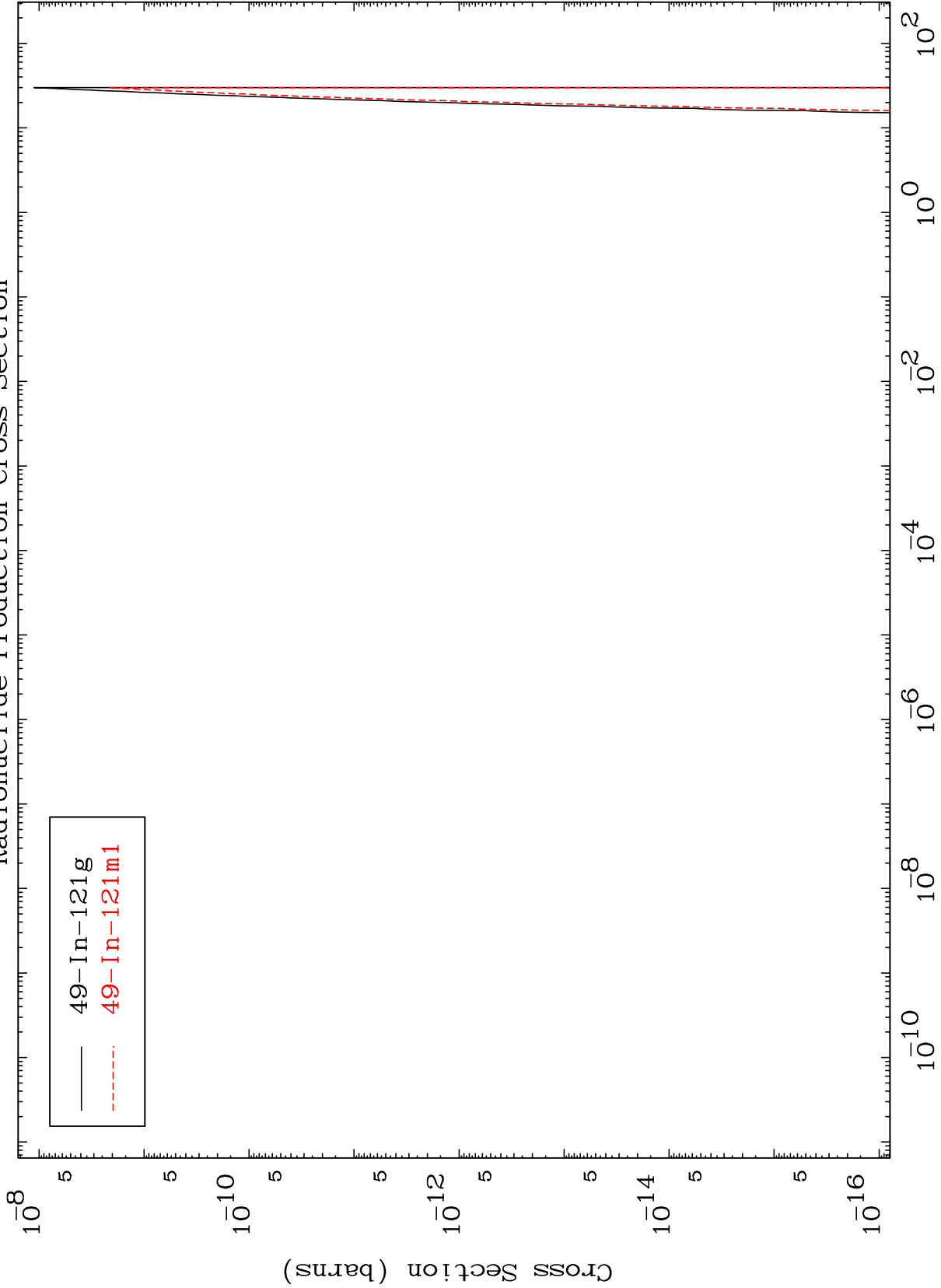


MAT 5328

(n,2α)

53-I -128

Radionuclide Production Cross Section

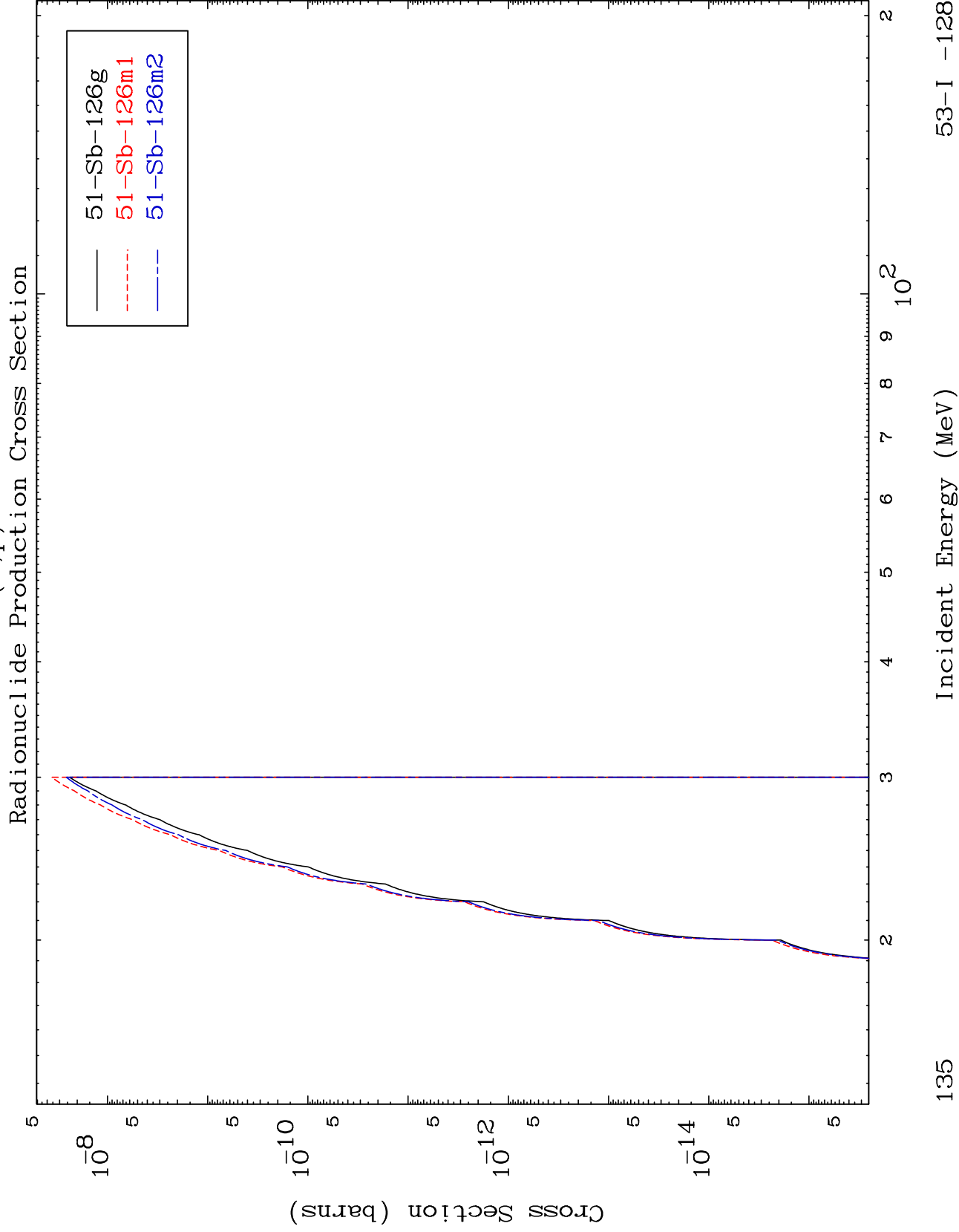


— 49-In-121g
- - - 49-In-121m1

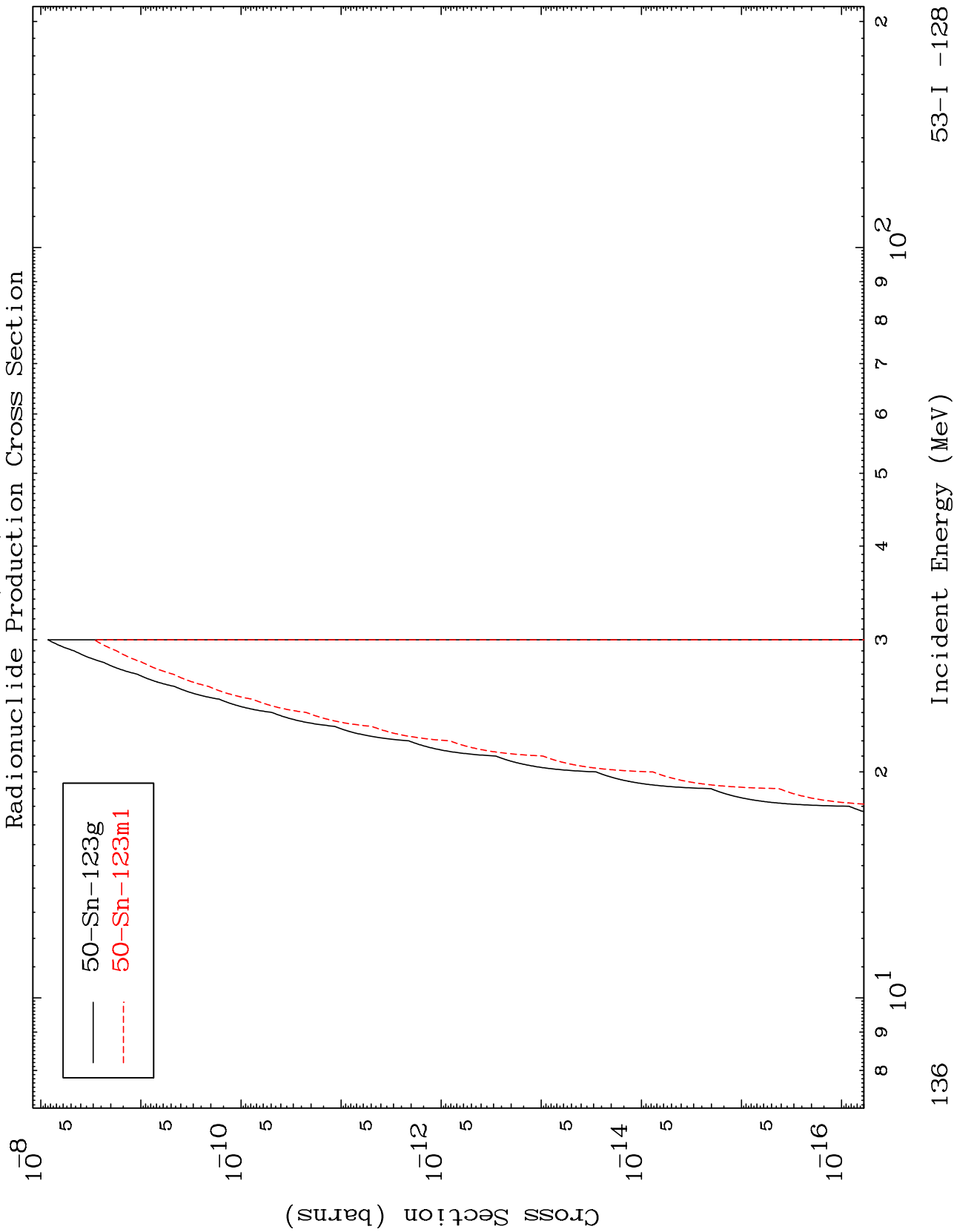
134

Incident Energy (MeV)

53-I -128



Radionuclide Production Cross Section



— 50-Sn-123g
- - - 50-Sn-123m1