

Program EVALPLOT
(Version 2018-1)

by

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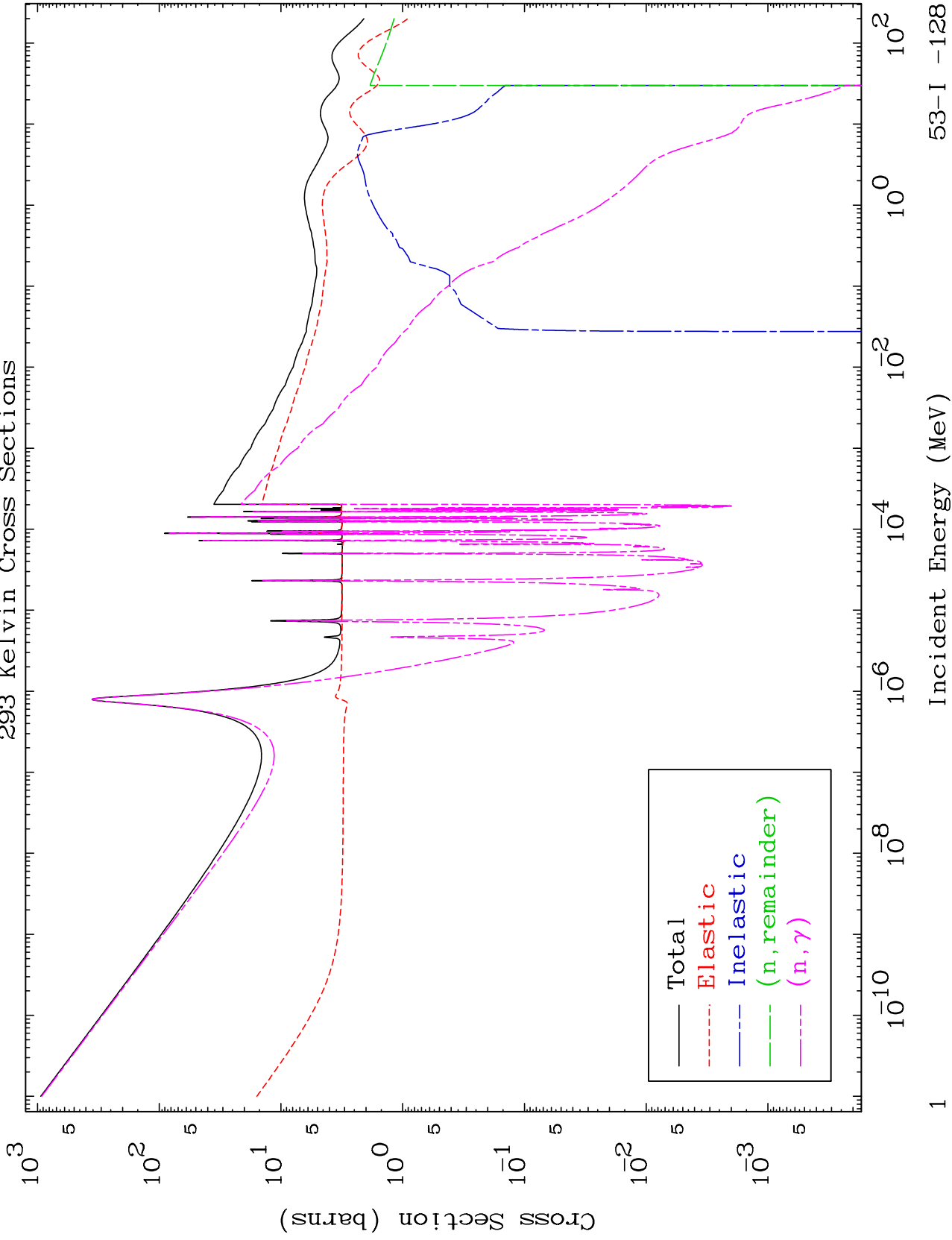
Press Mouse Button to Start

MAT 5328

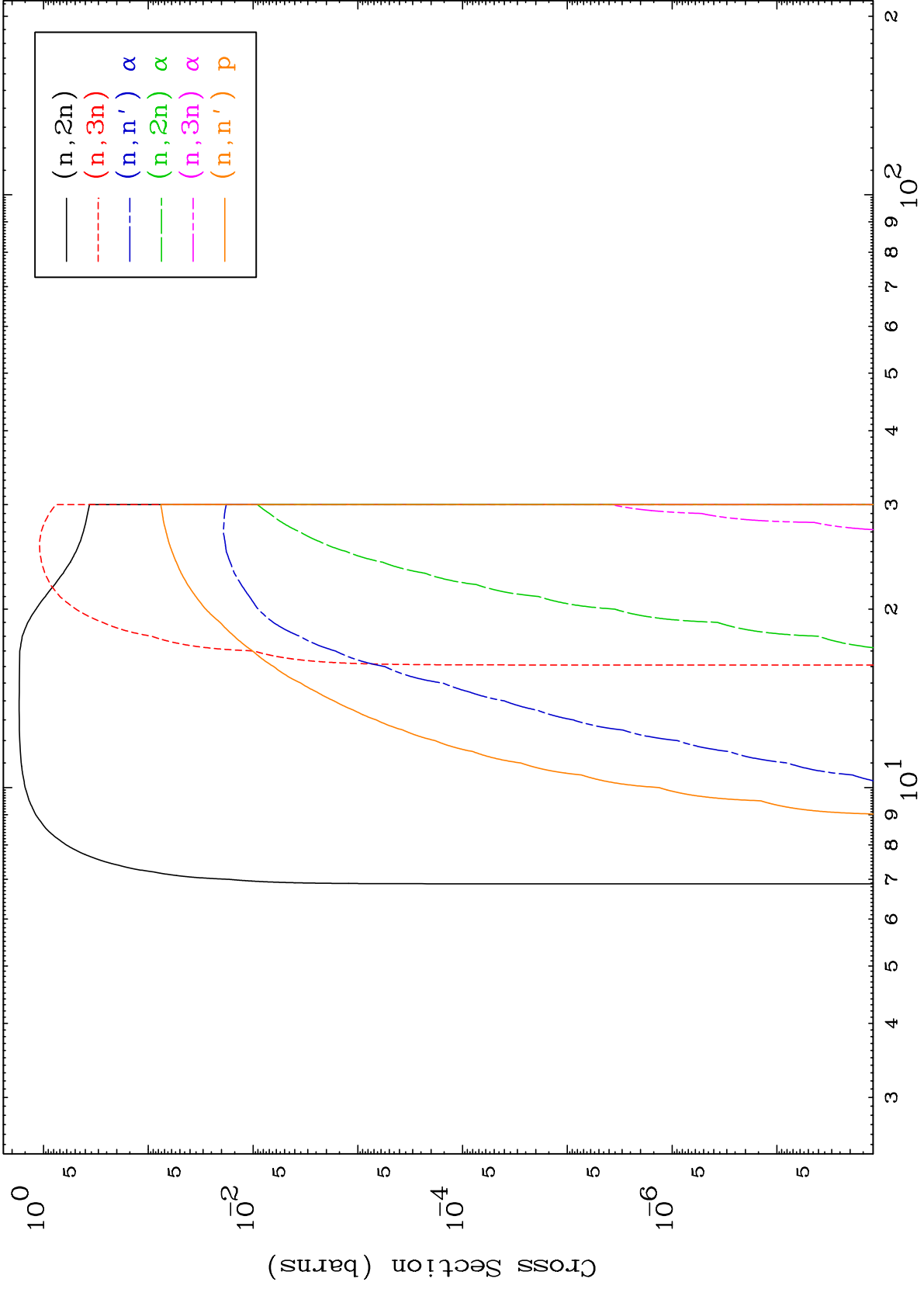
Major

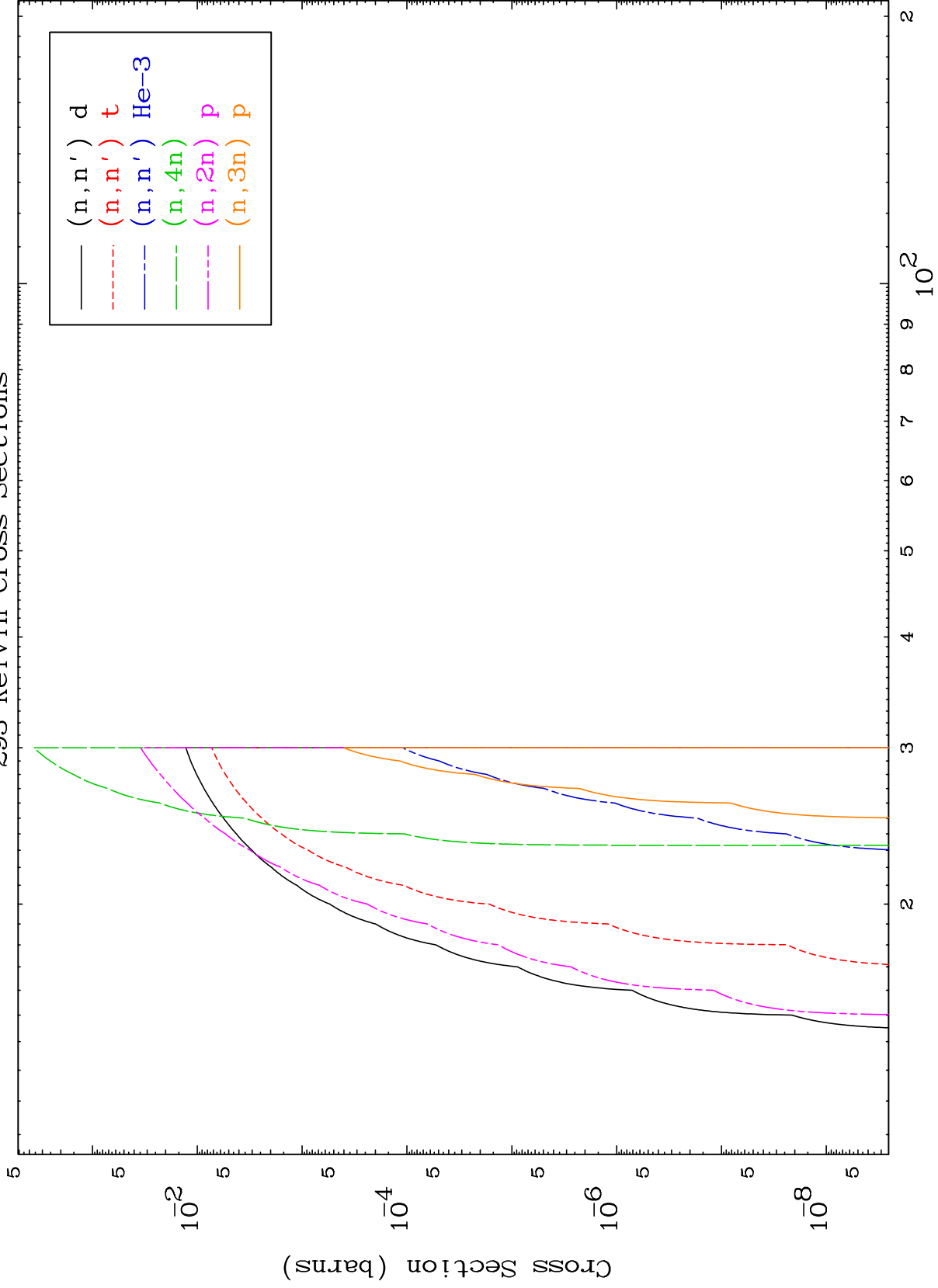
293 Kelvin Cross Sections

53-I -128



1

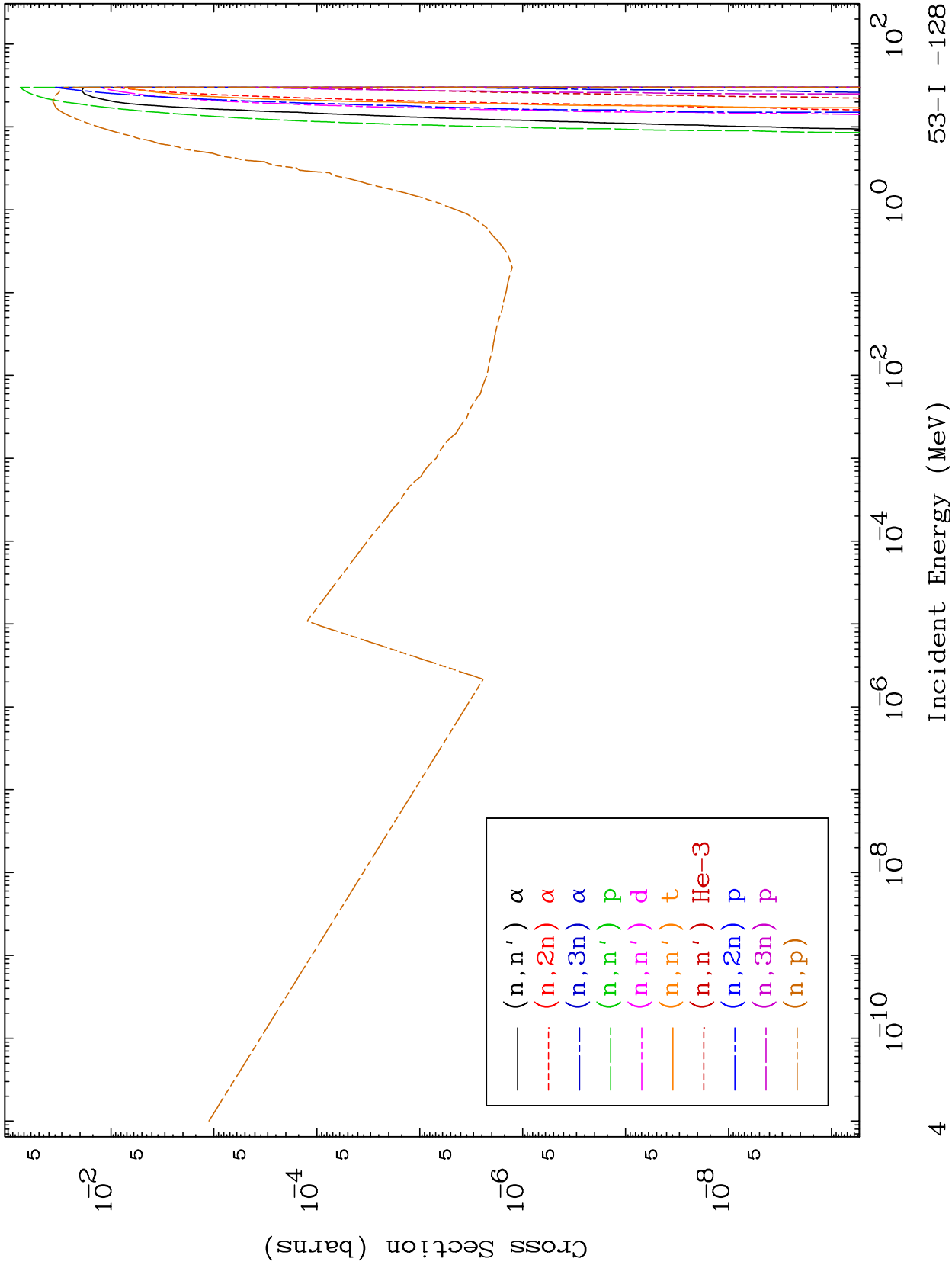


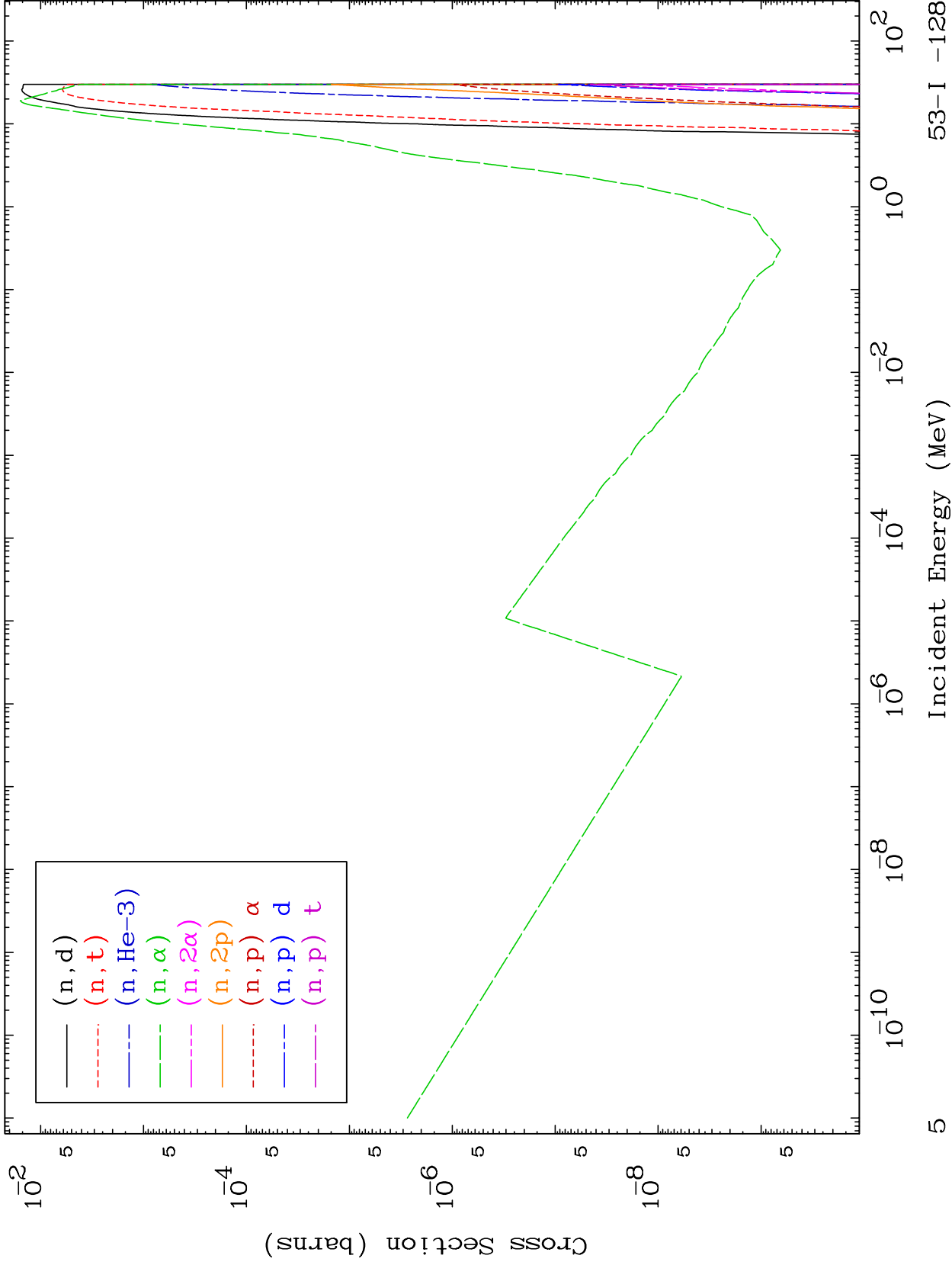


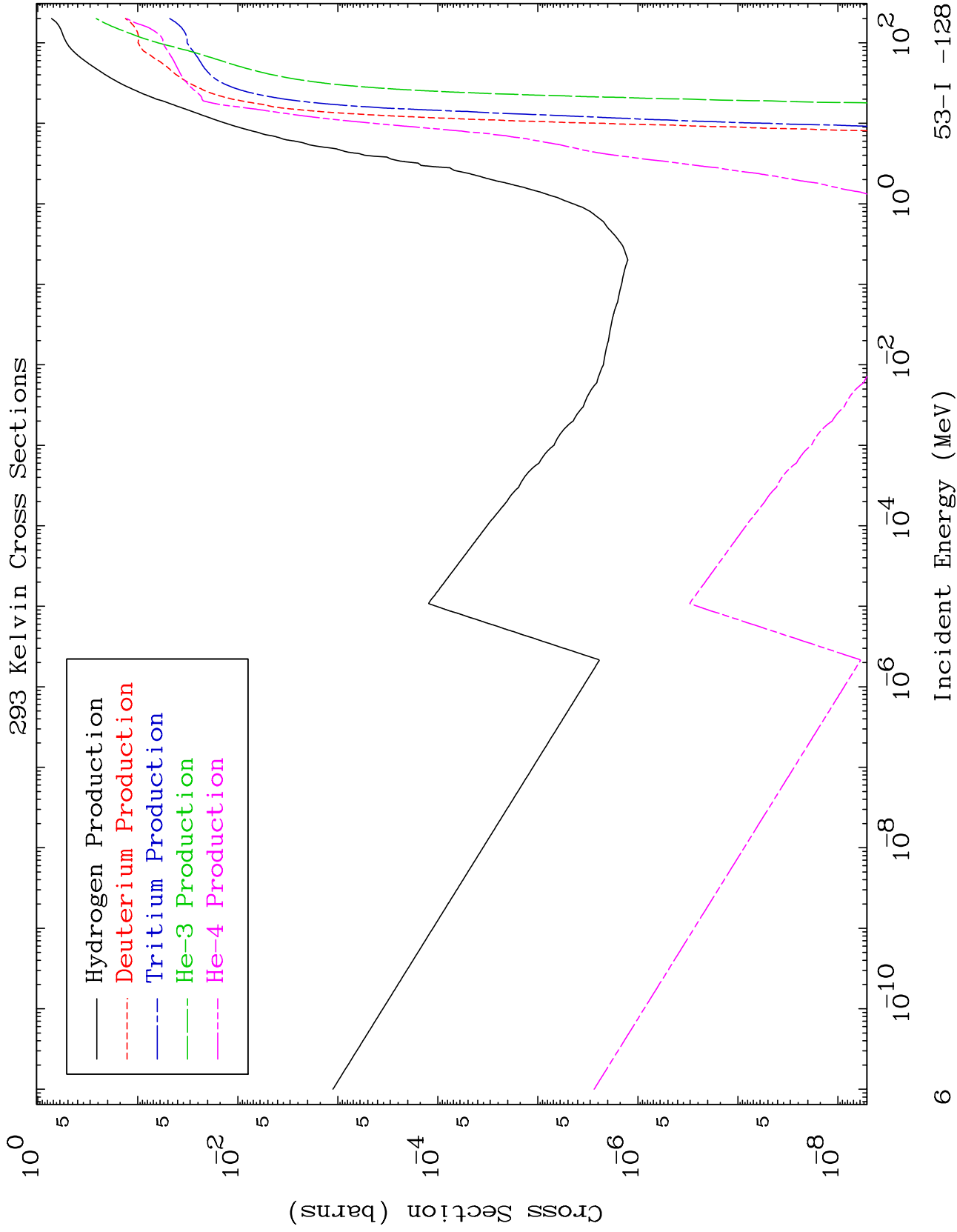
MAT 5328

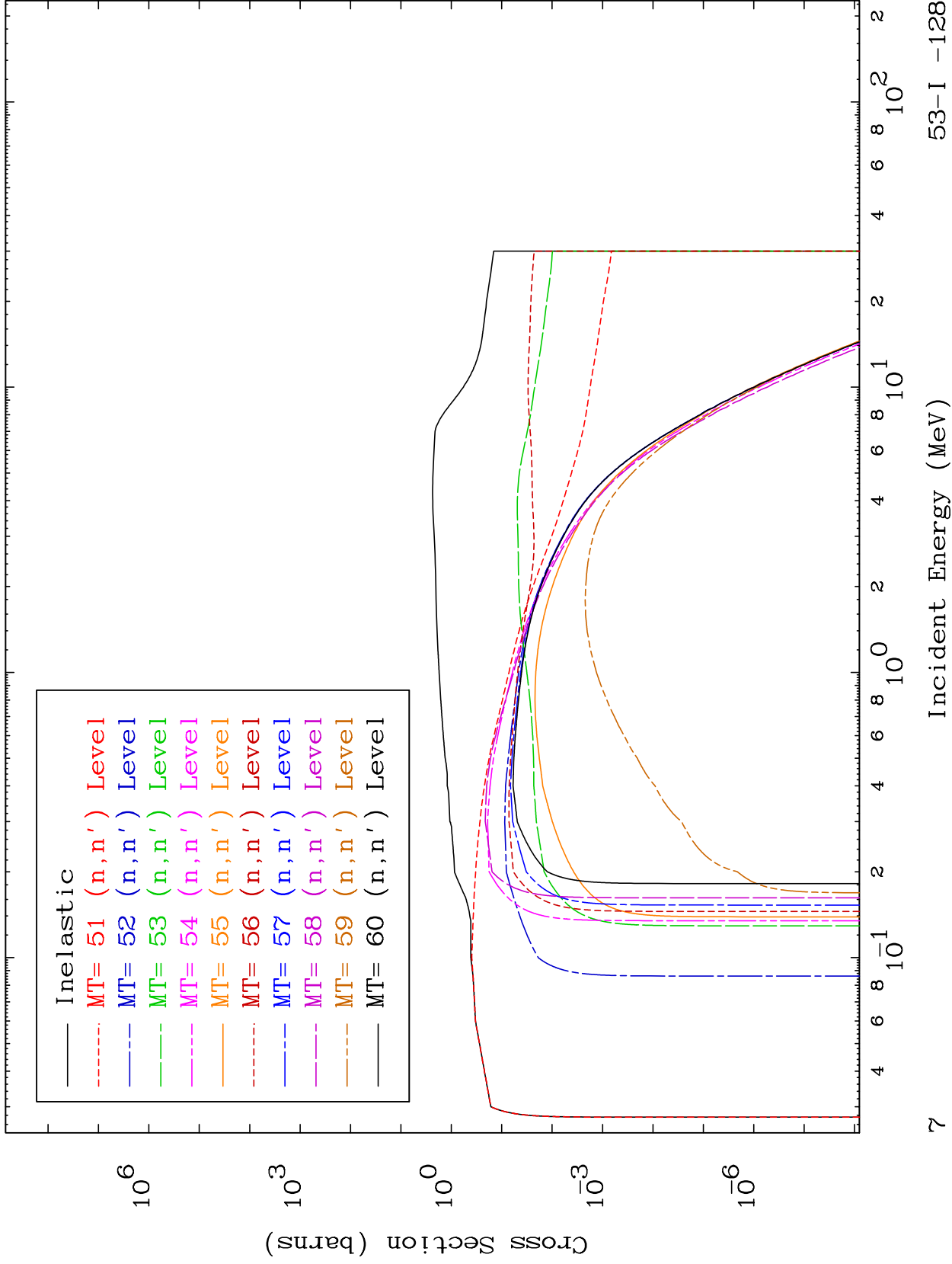
Charged Particle
293 Kelvin Cross Sections

53-I -128

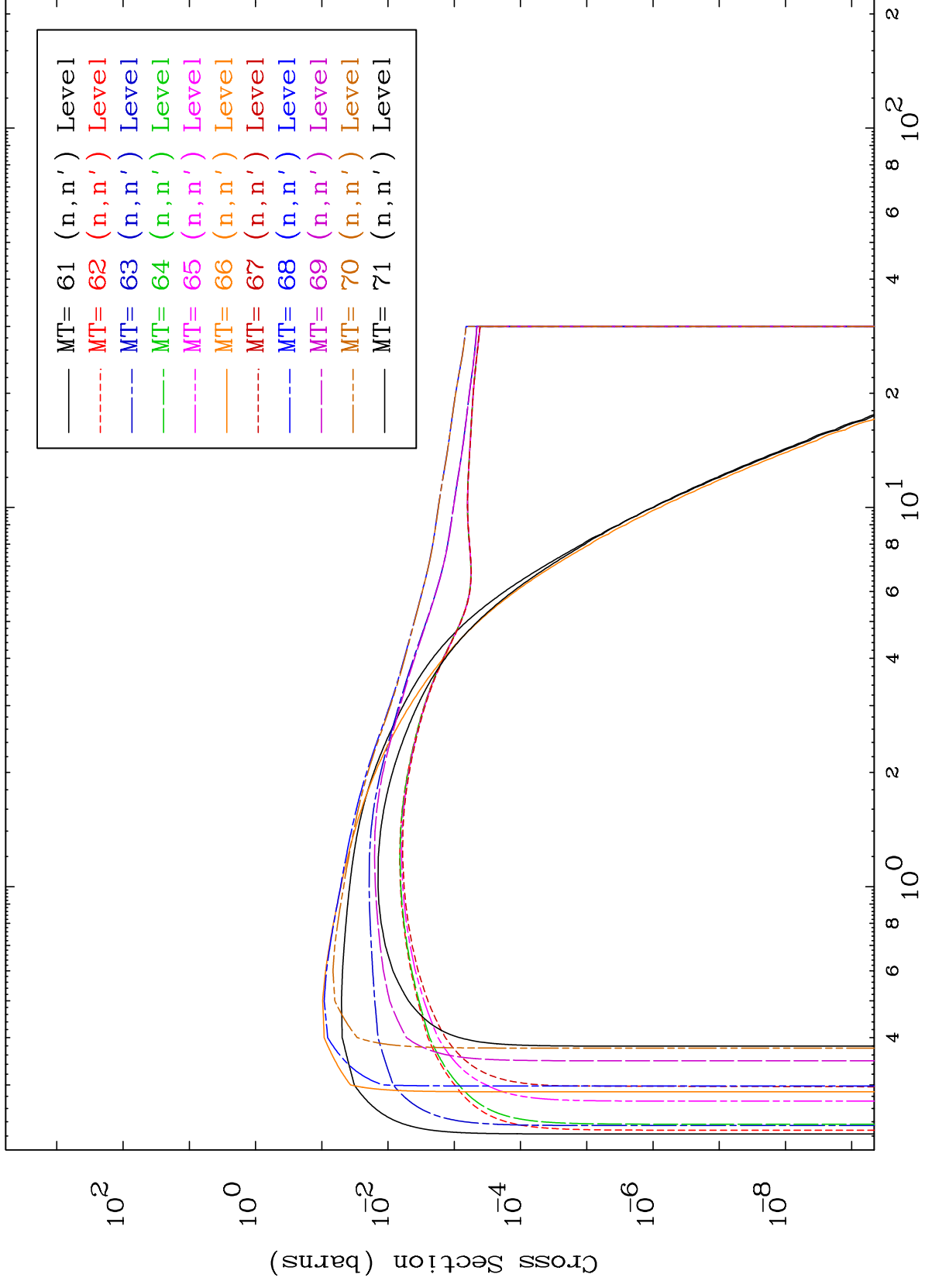




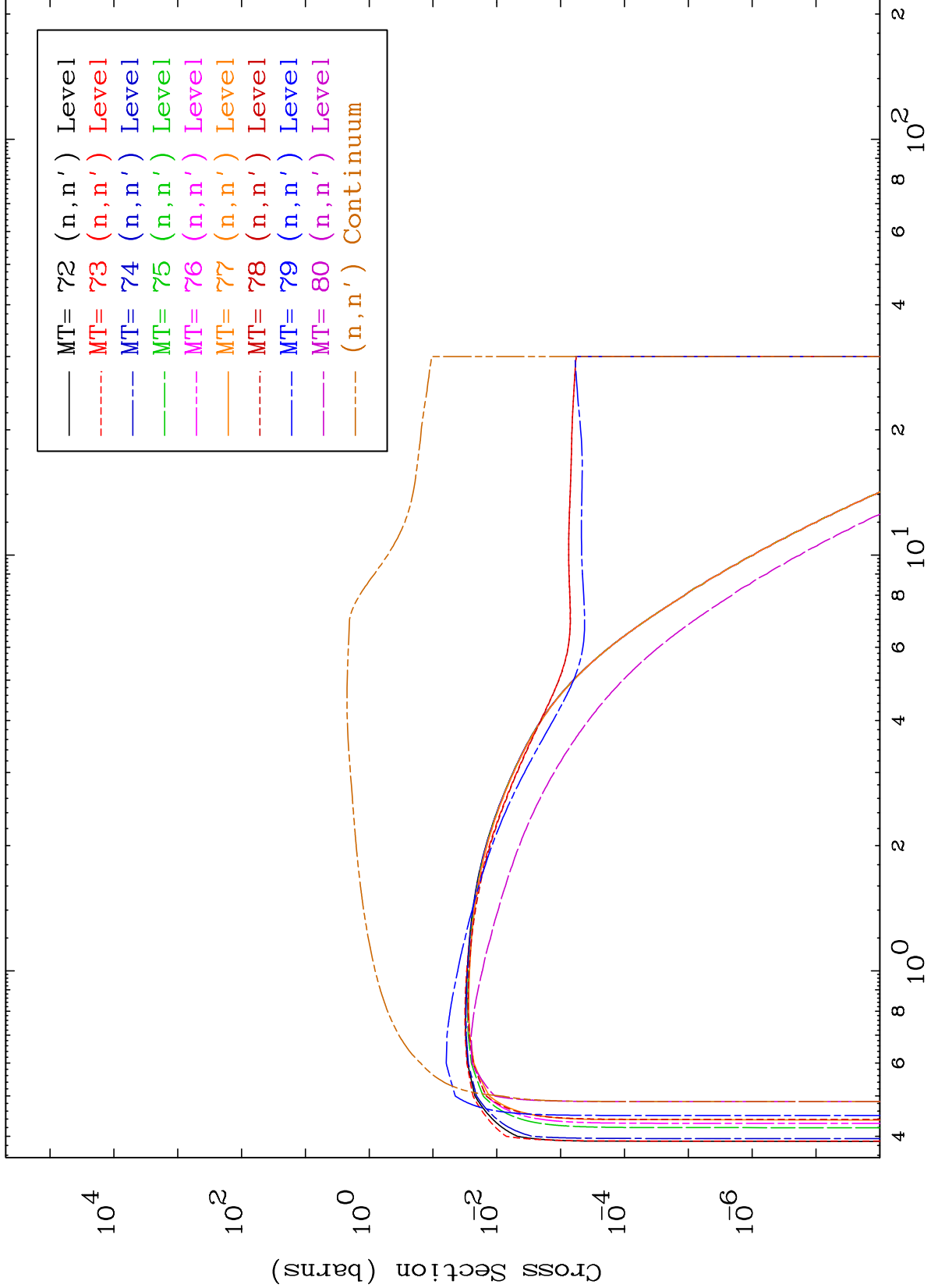




293 Kelvin Cross Sections



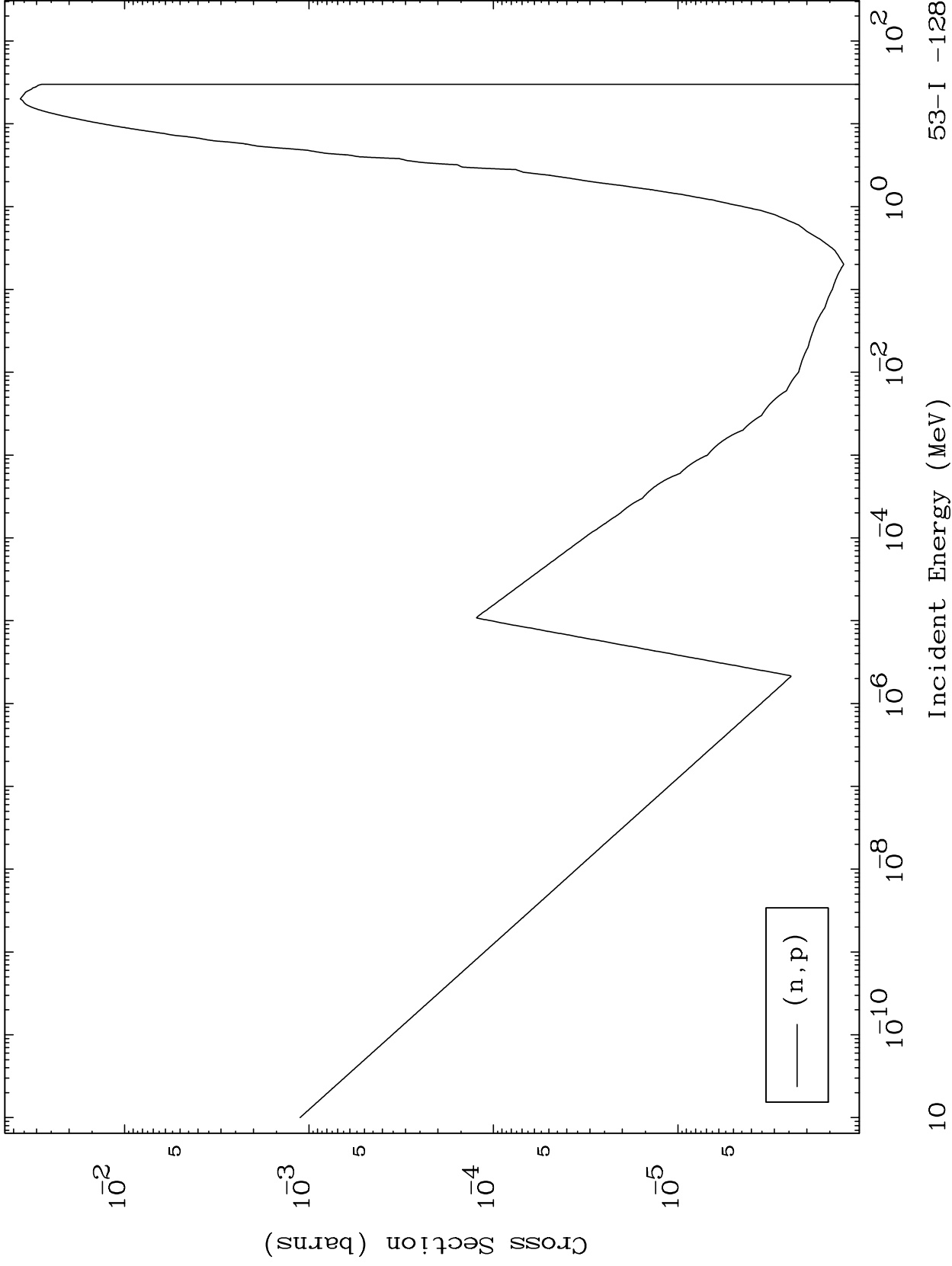
293 Kelvin Cross Sections

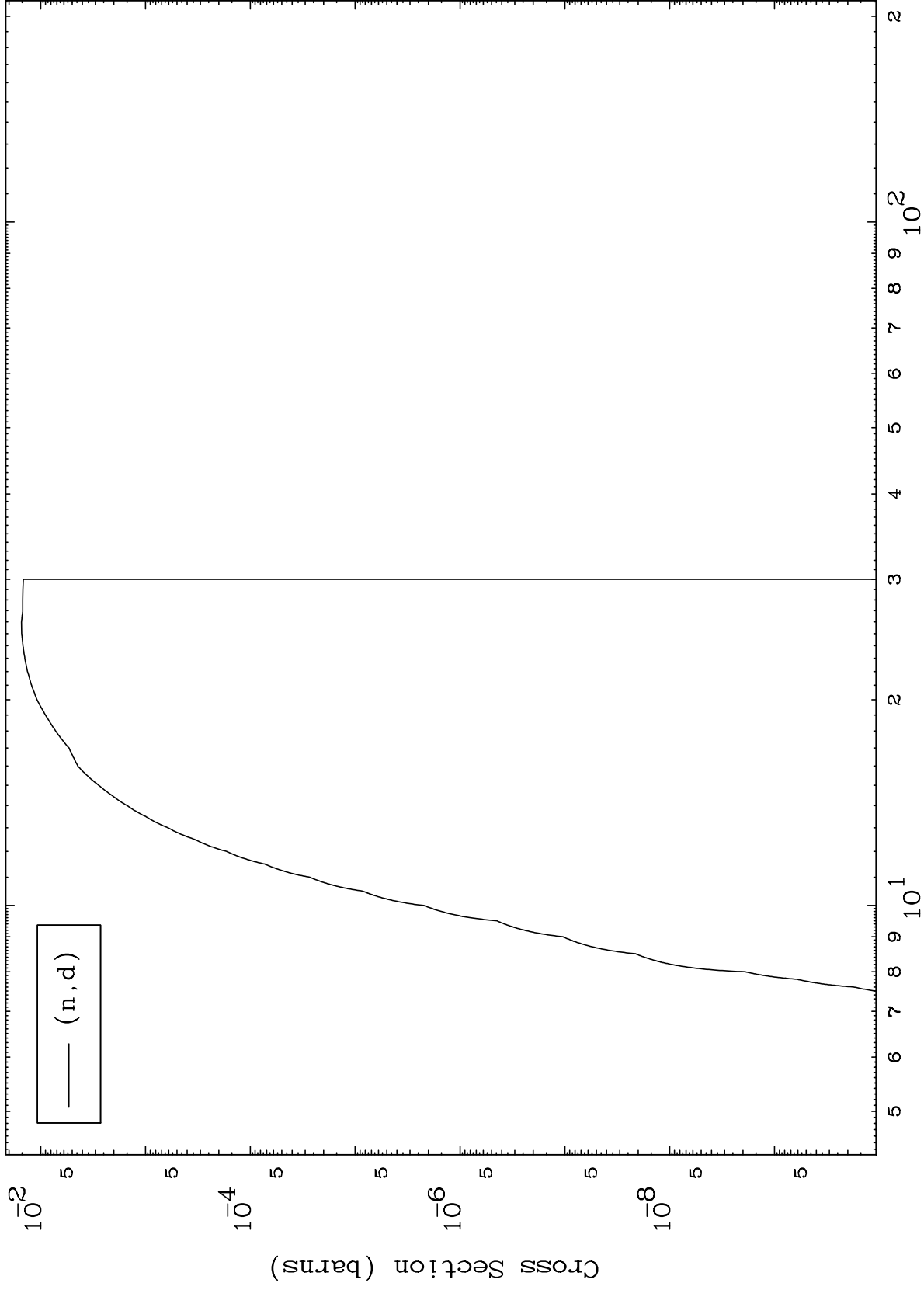


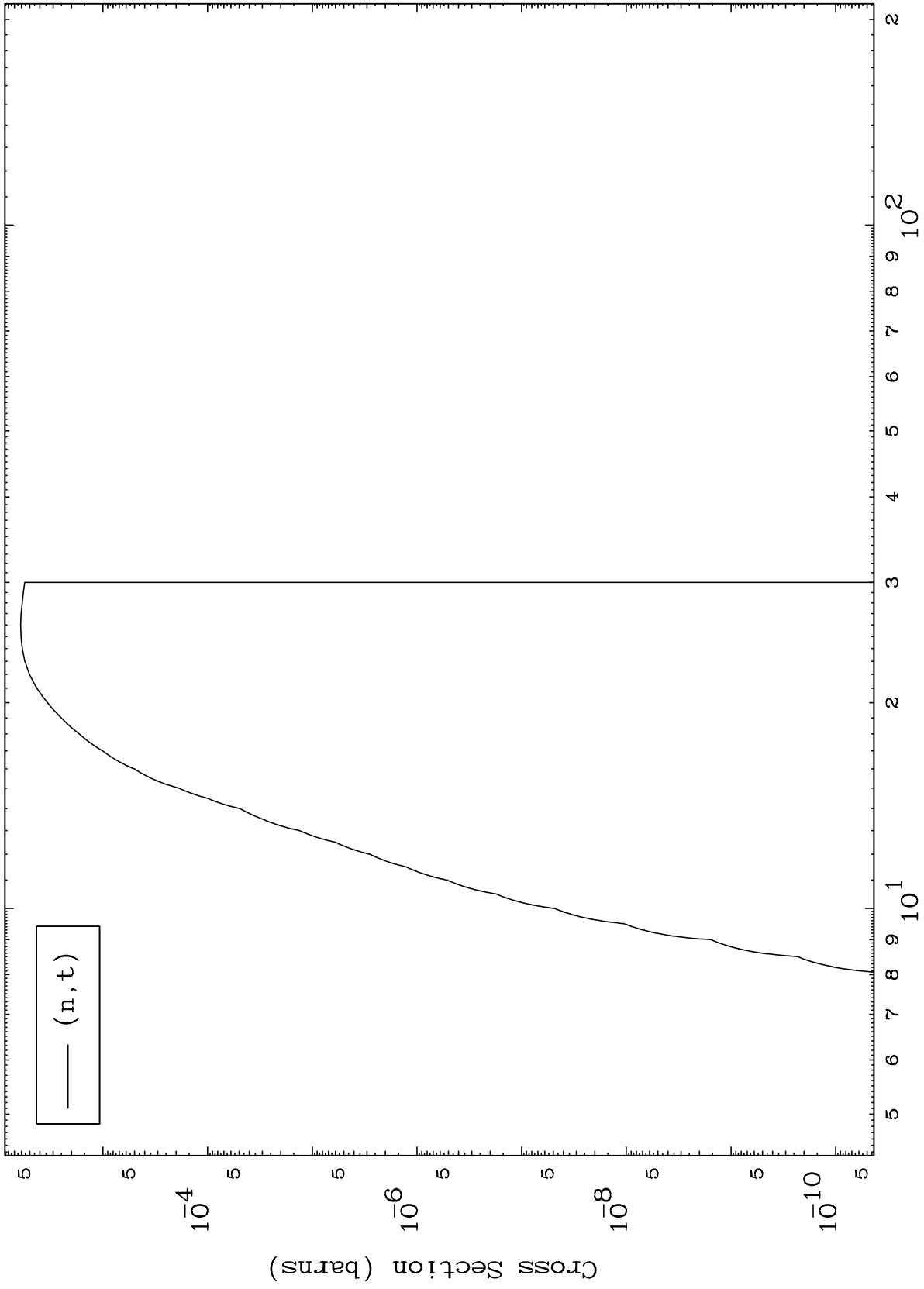
MAT 5328

(n,p) Levels
293 Kelvin Cross Sections

53-I -128



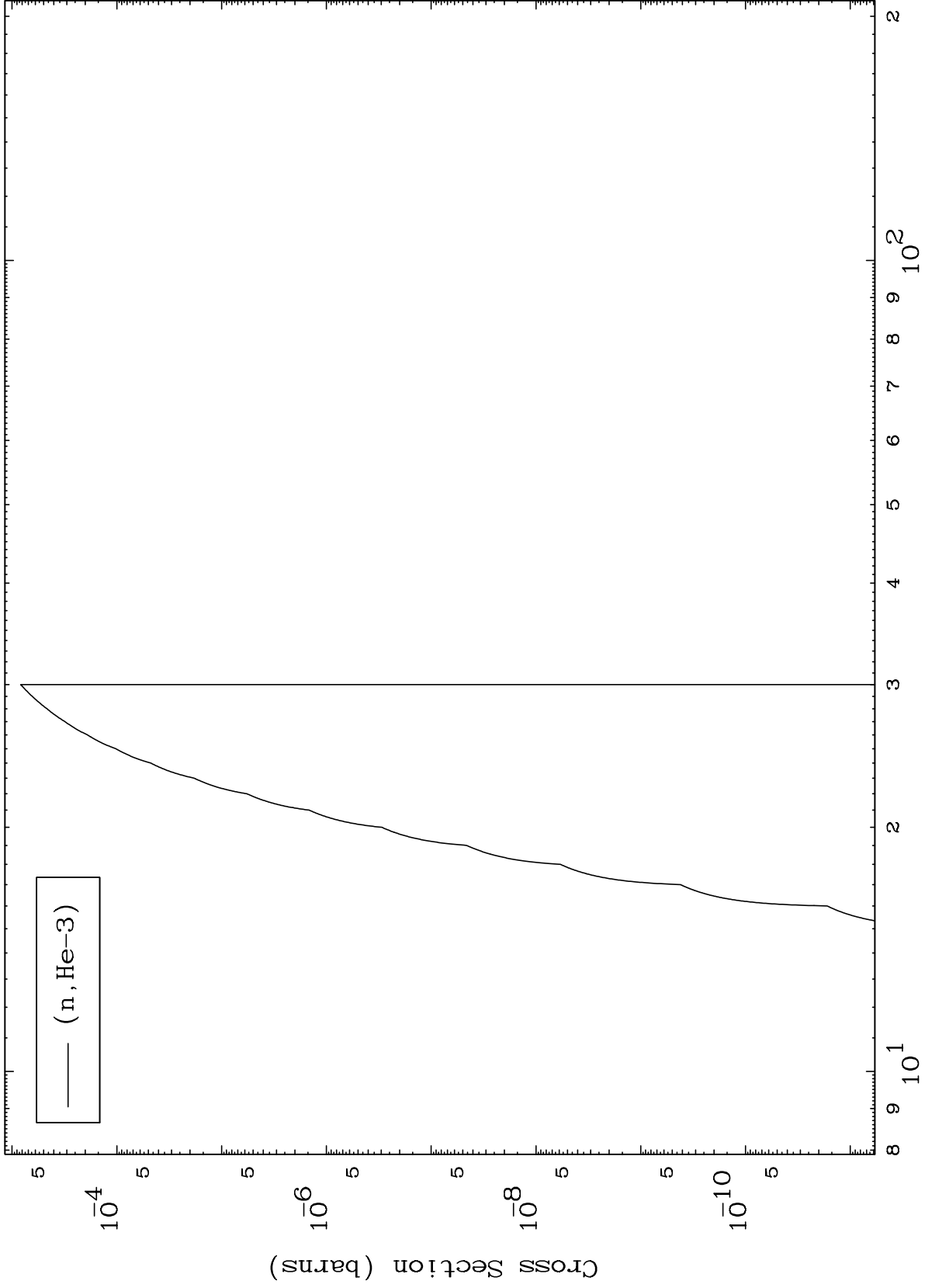




MAT 5328

(n,He3) Levels
293 Kelvin Cross Sections

53-I -128



13

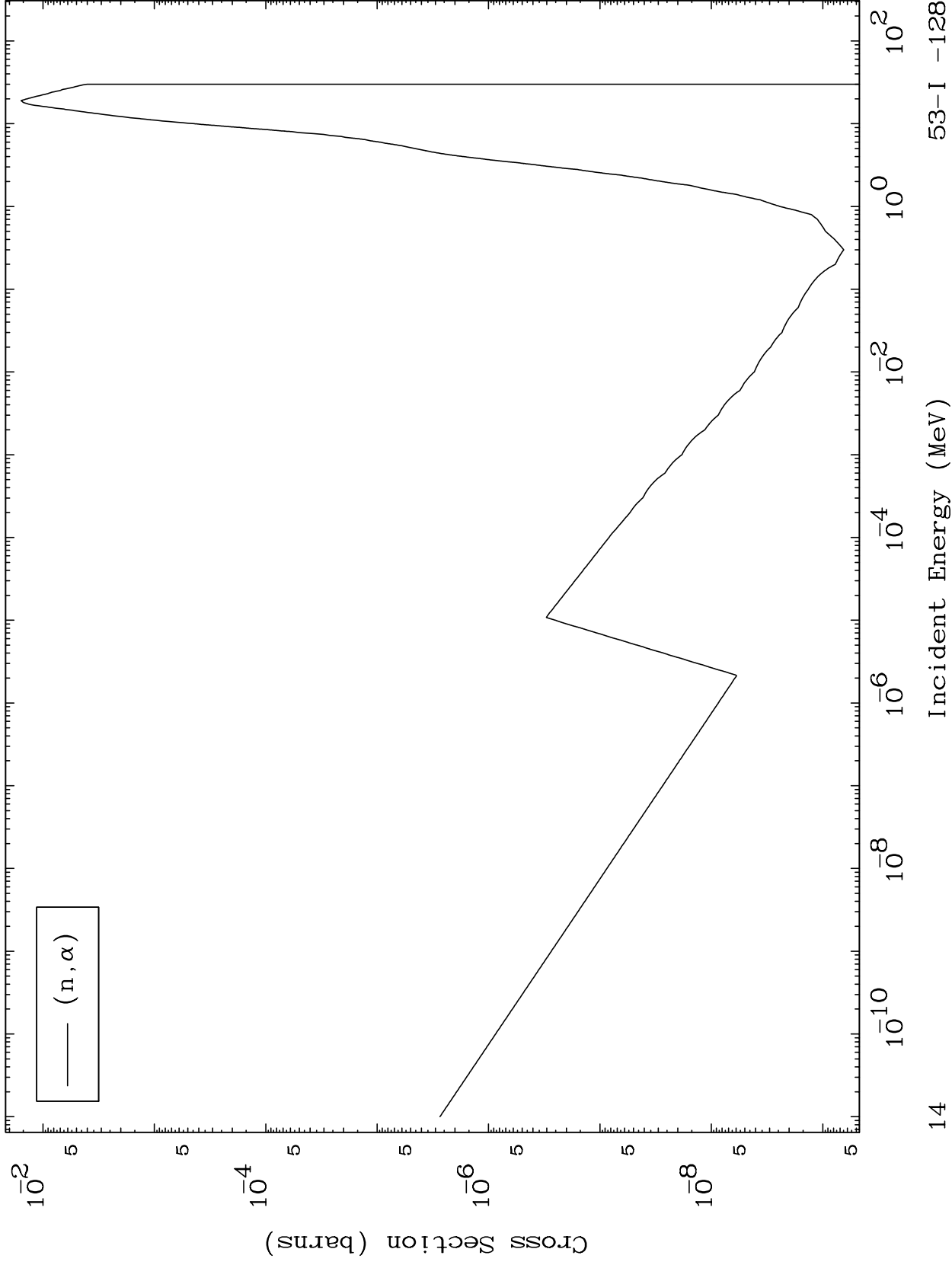
Incident Energy (MeV)

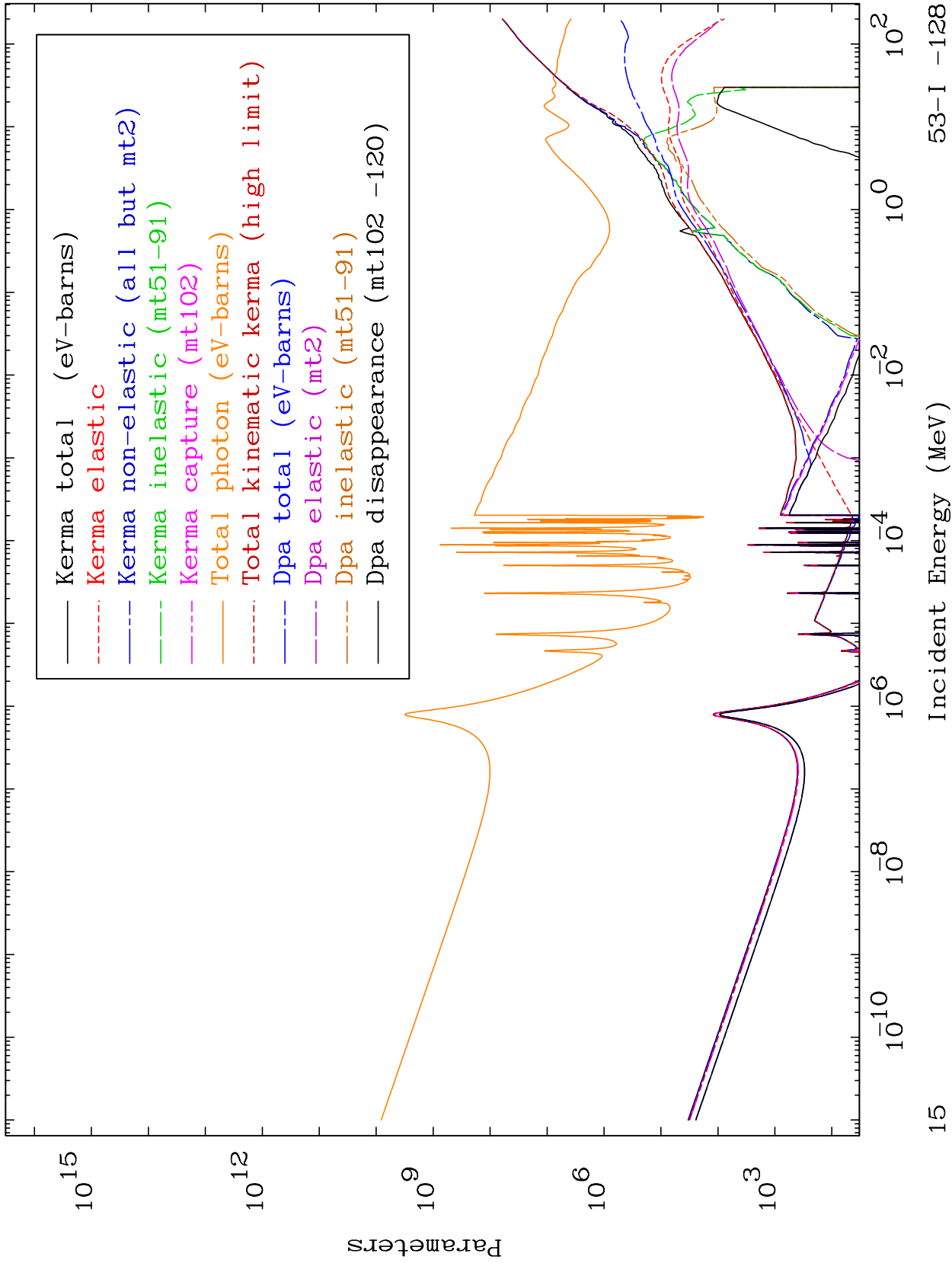
53-I -128

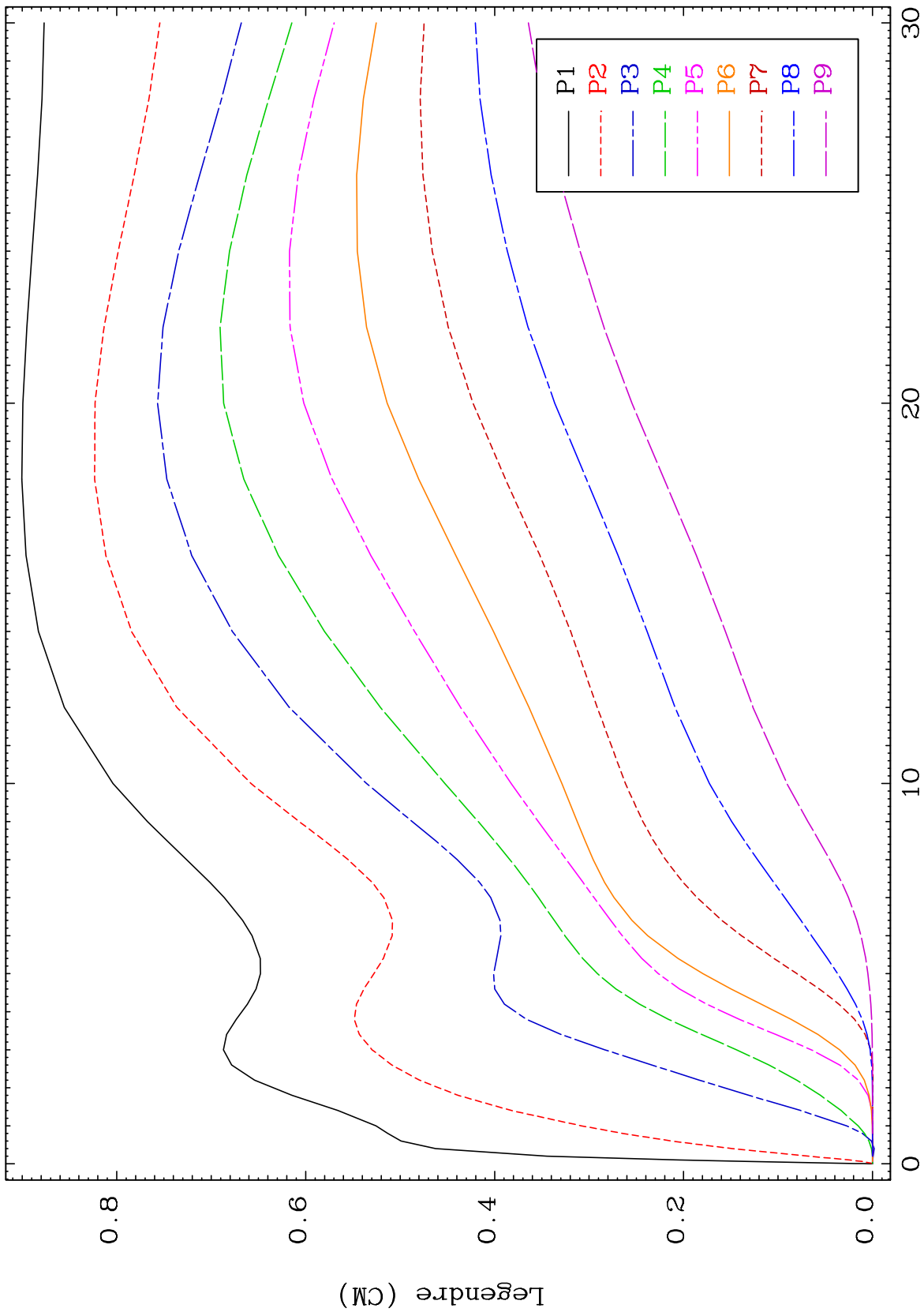
MAT 5328

(n, α) Levels
293 Kelvin Cross Sections

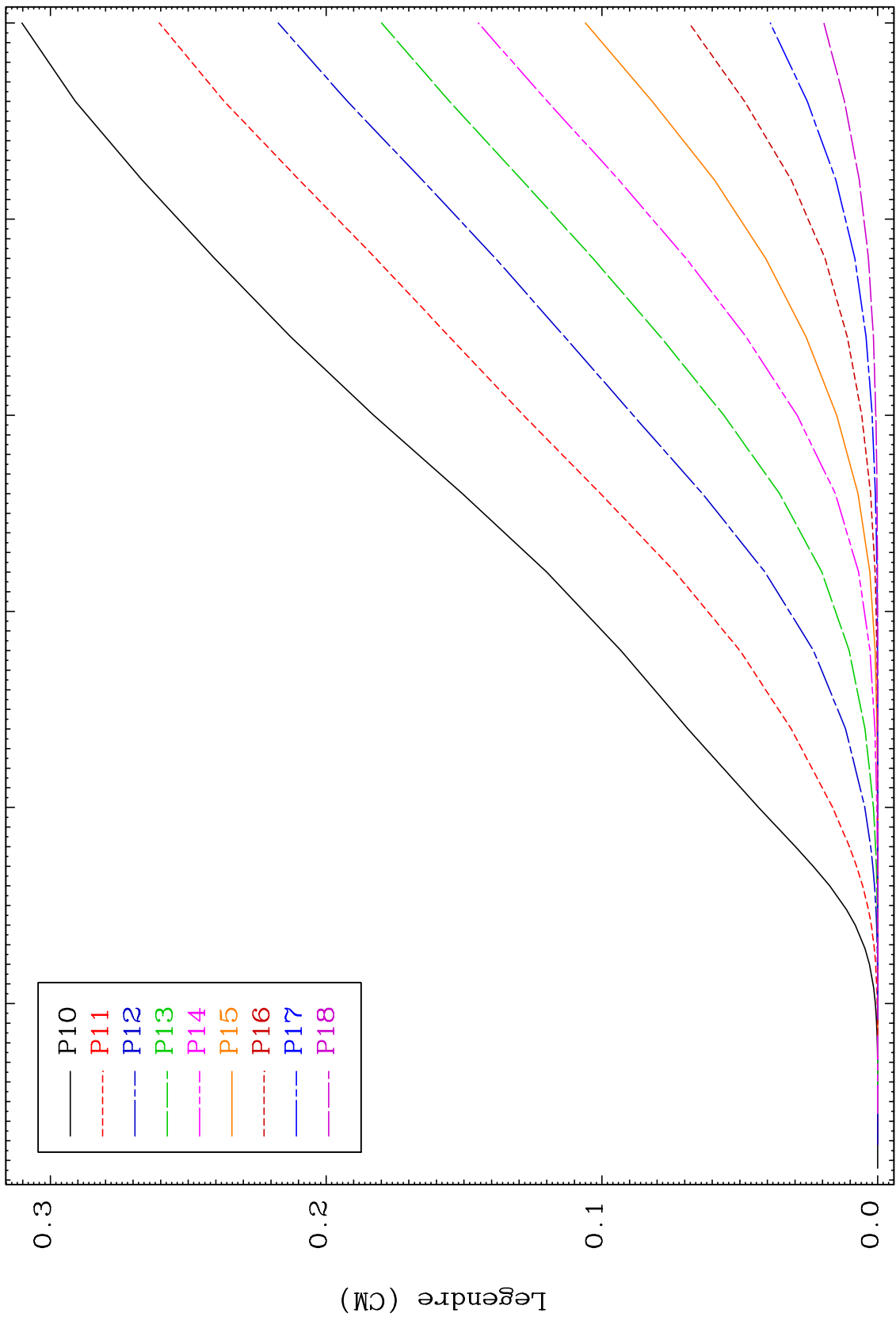
53-I -128







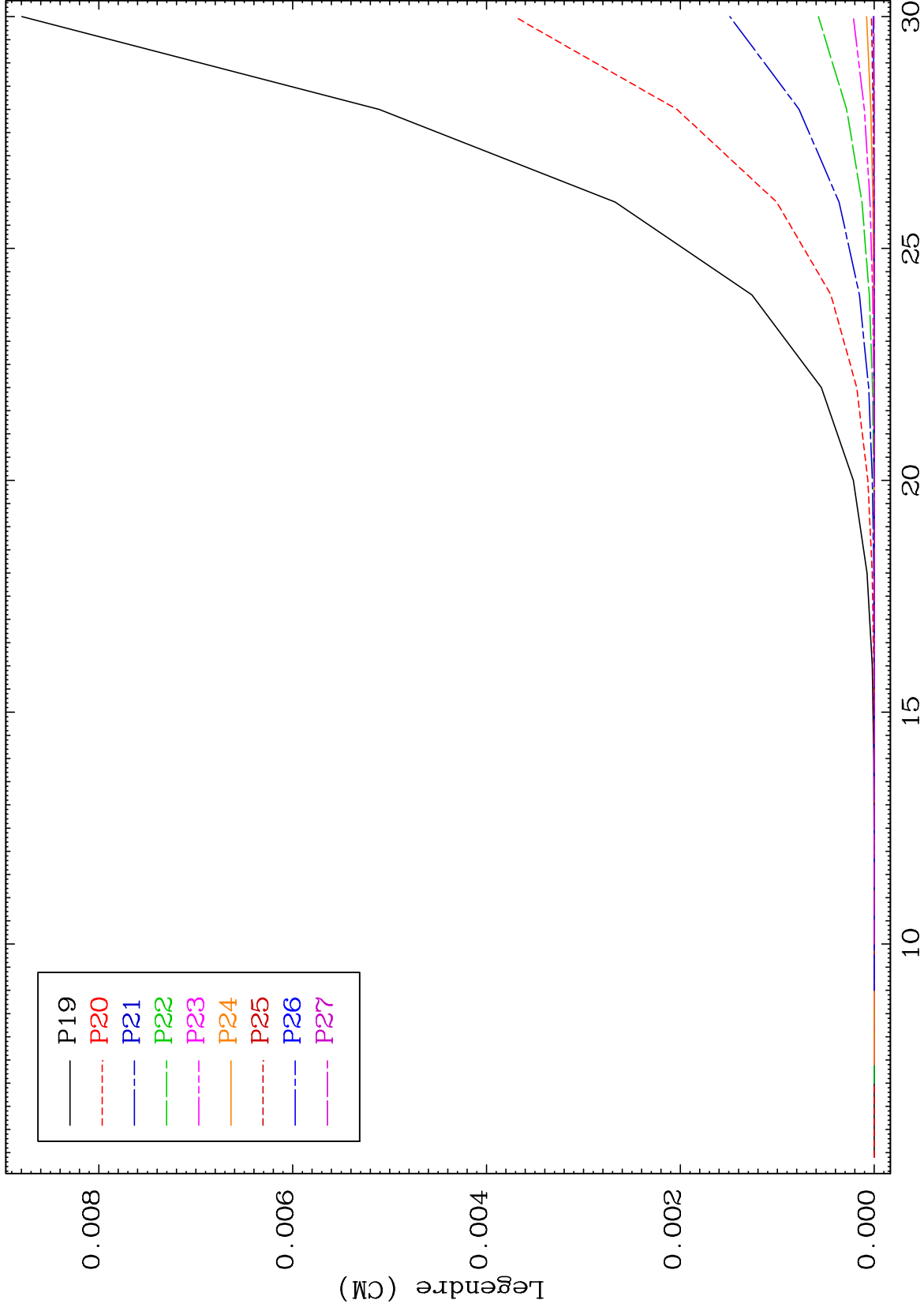
Elastic Legendre Coefficients



MAT 5328

Elastic Legendre Coefficients

53-I -128



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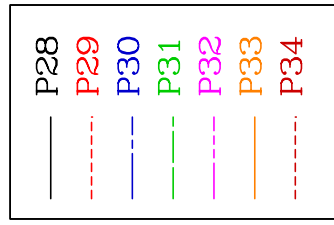
Incident Energy (MeV)

53-I -128

MAT 5328

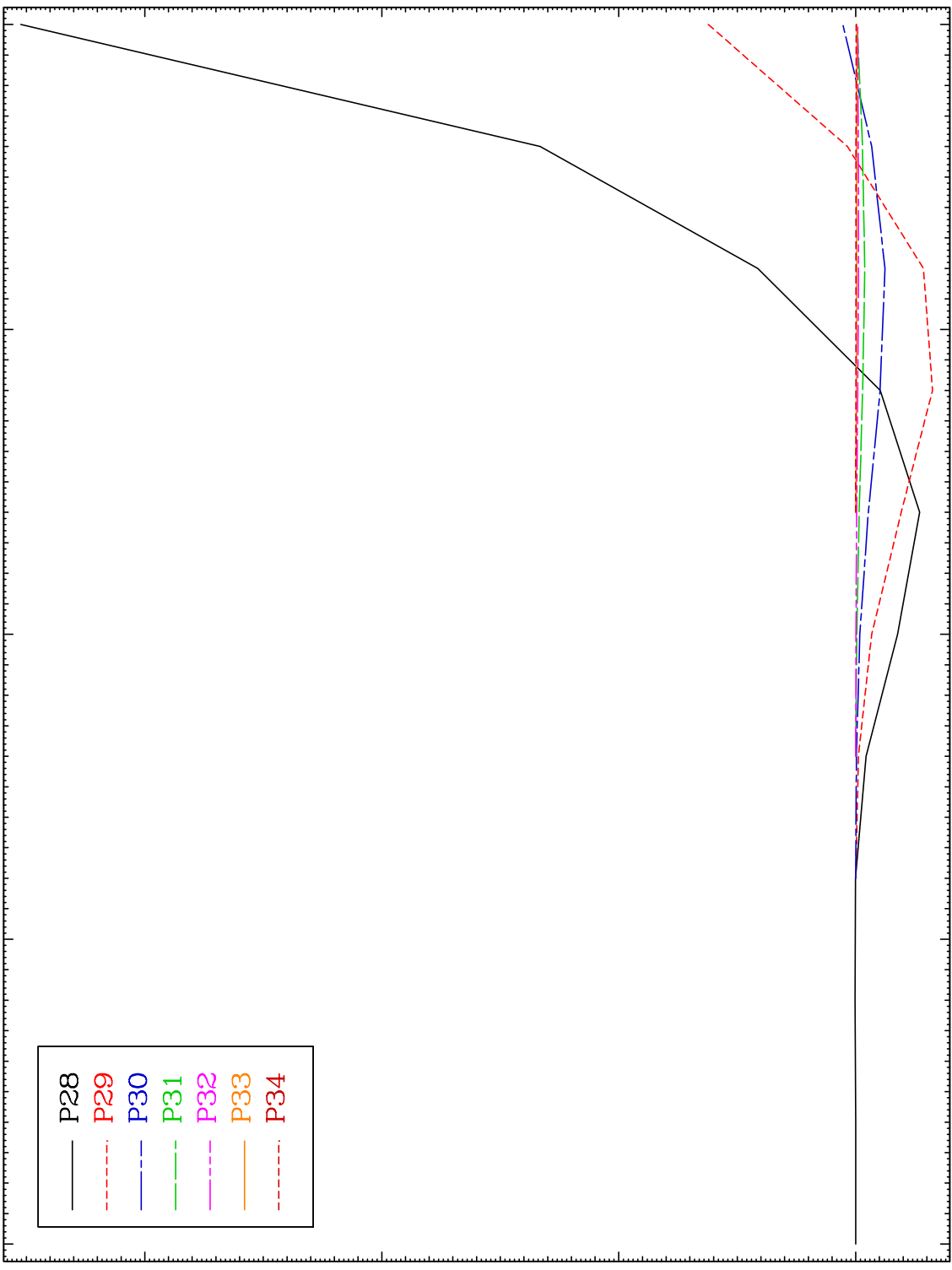
Elastic Legendre Coefficients

53-I -128



$\times 10^{-7}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

53-I -128

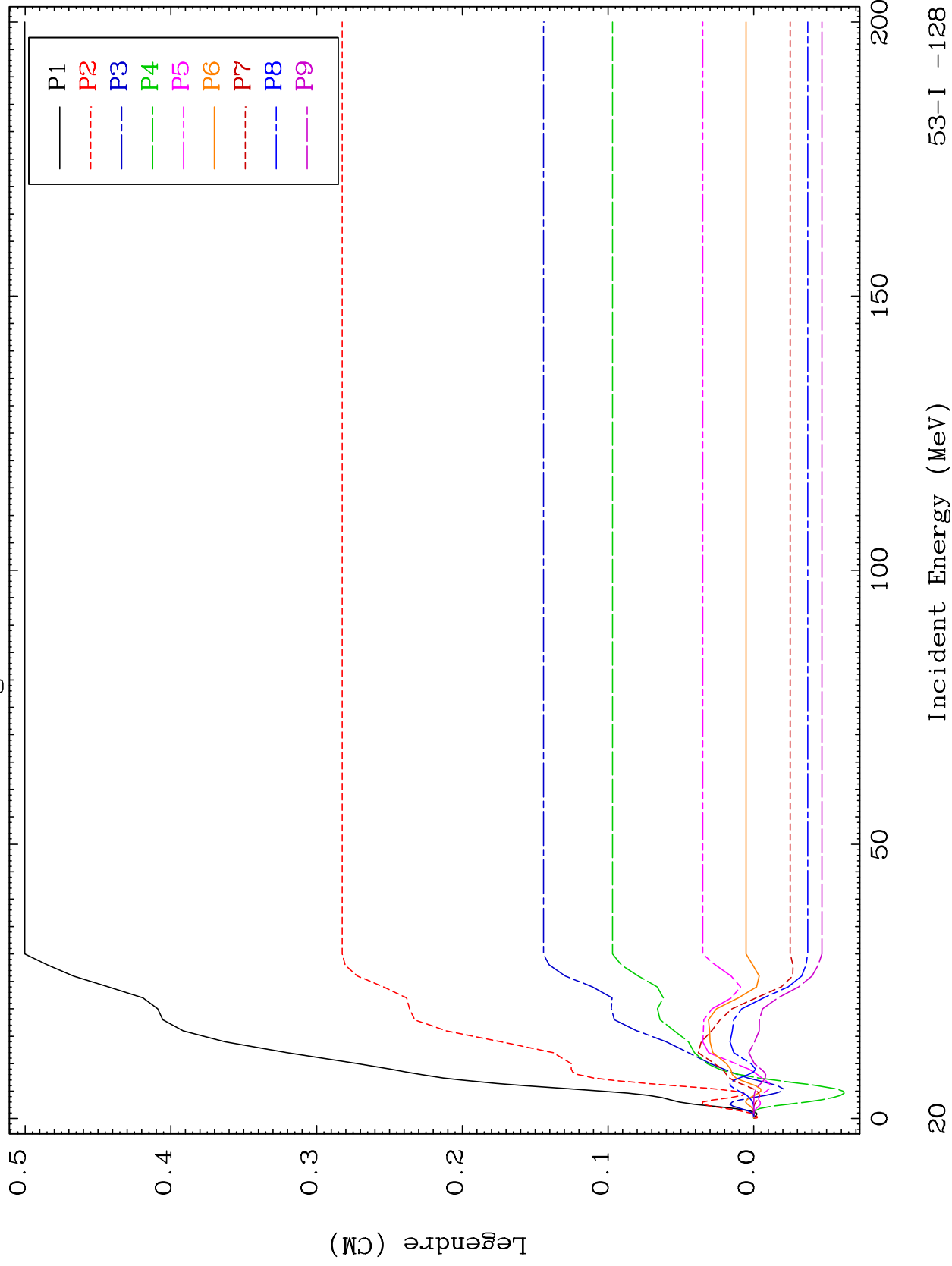
19

MAT 5328

MT= 51 (n,n') Level

53-I -128

Legendre Coefficients



53-I -128

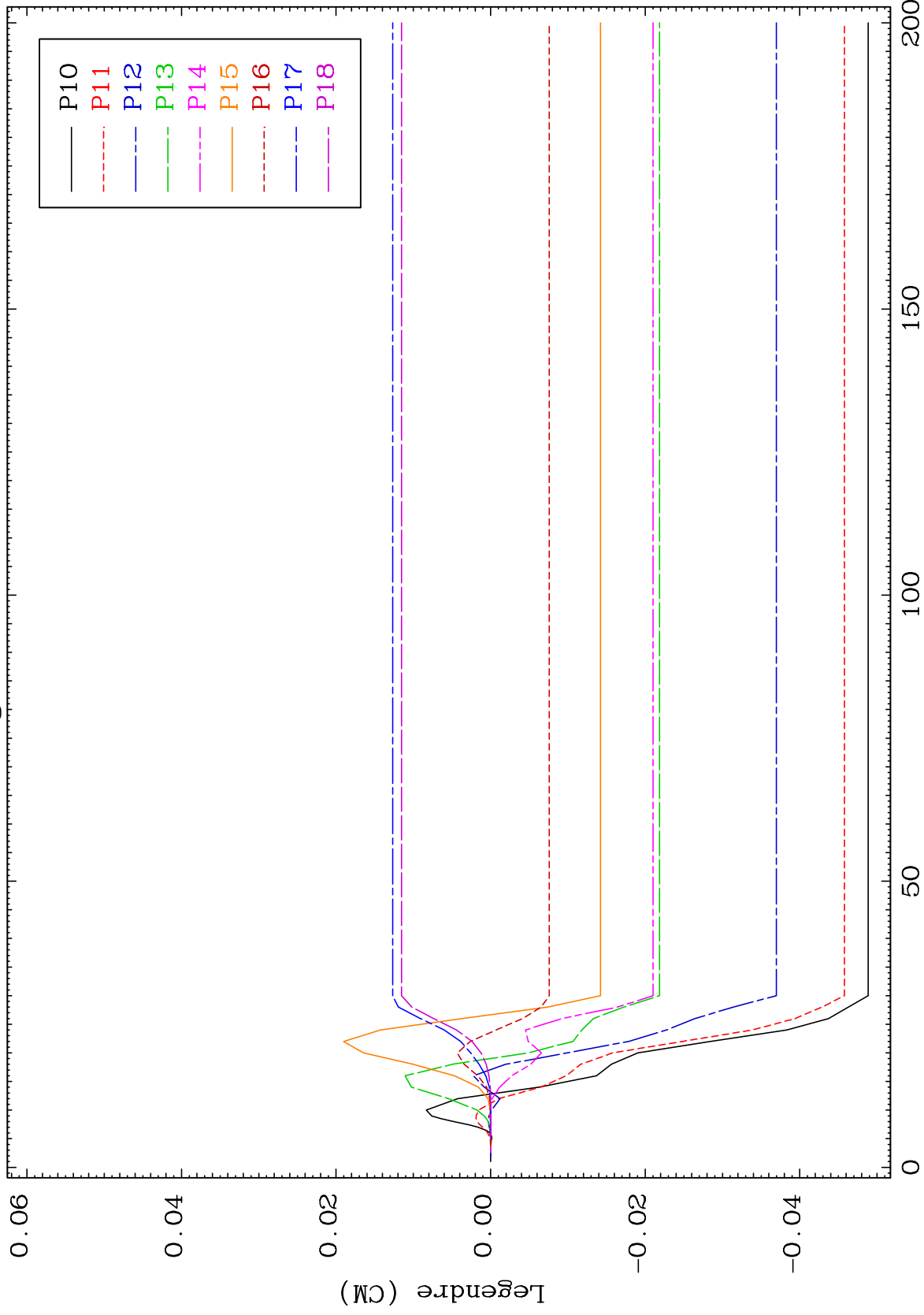
Incident Energy (MeV)

20

MAT 5328

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

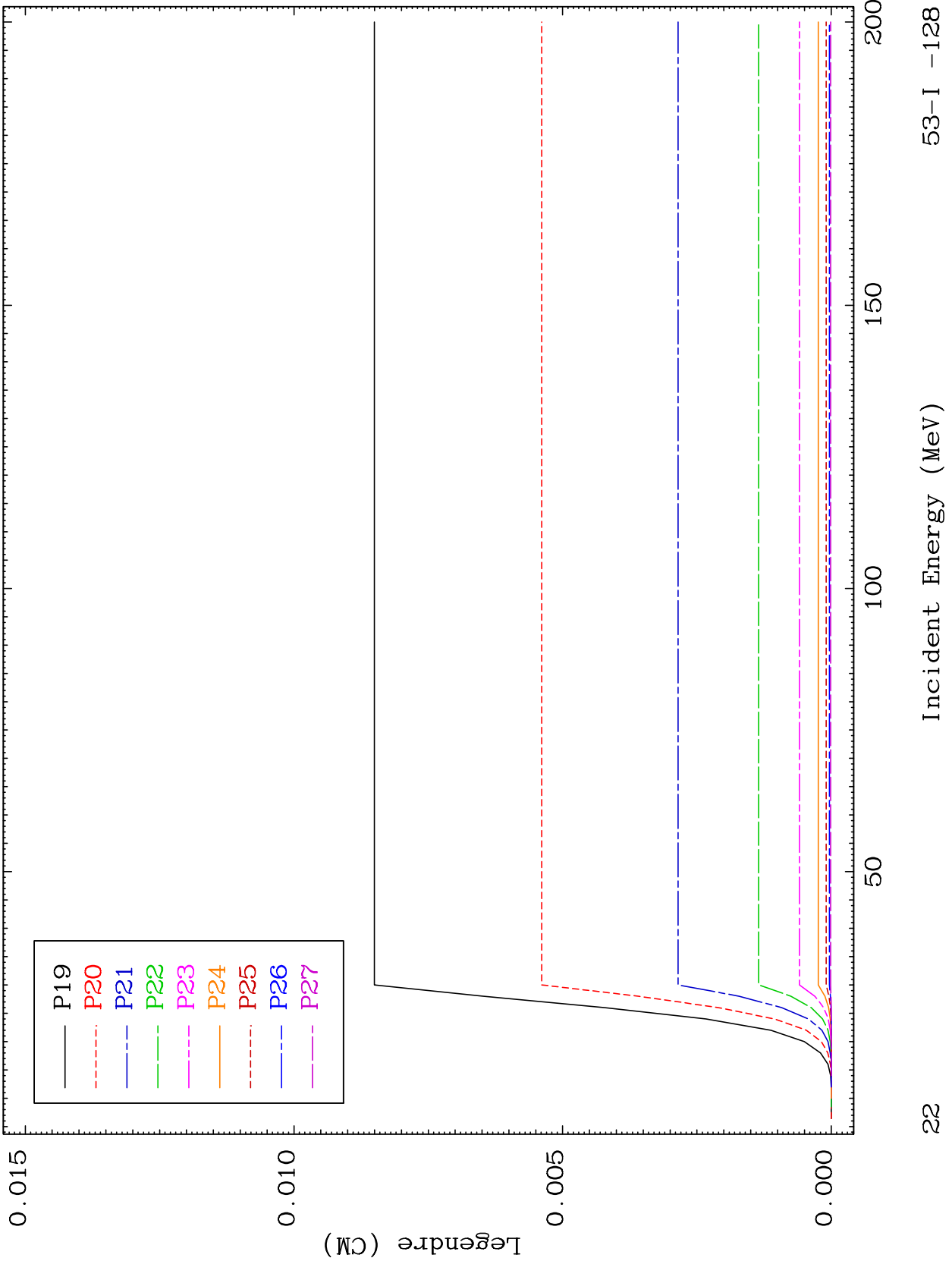
53-I -128

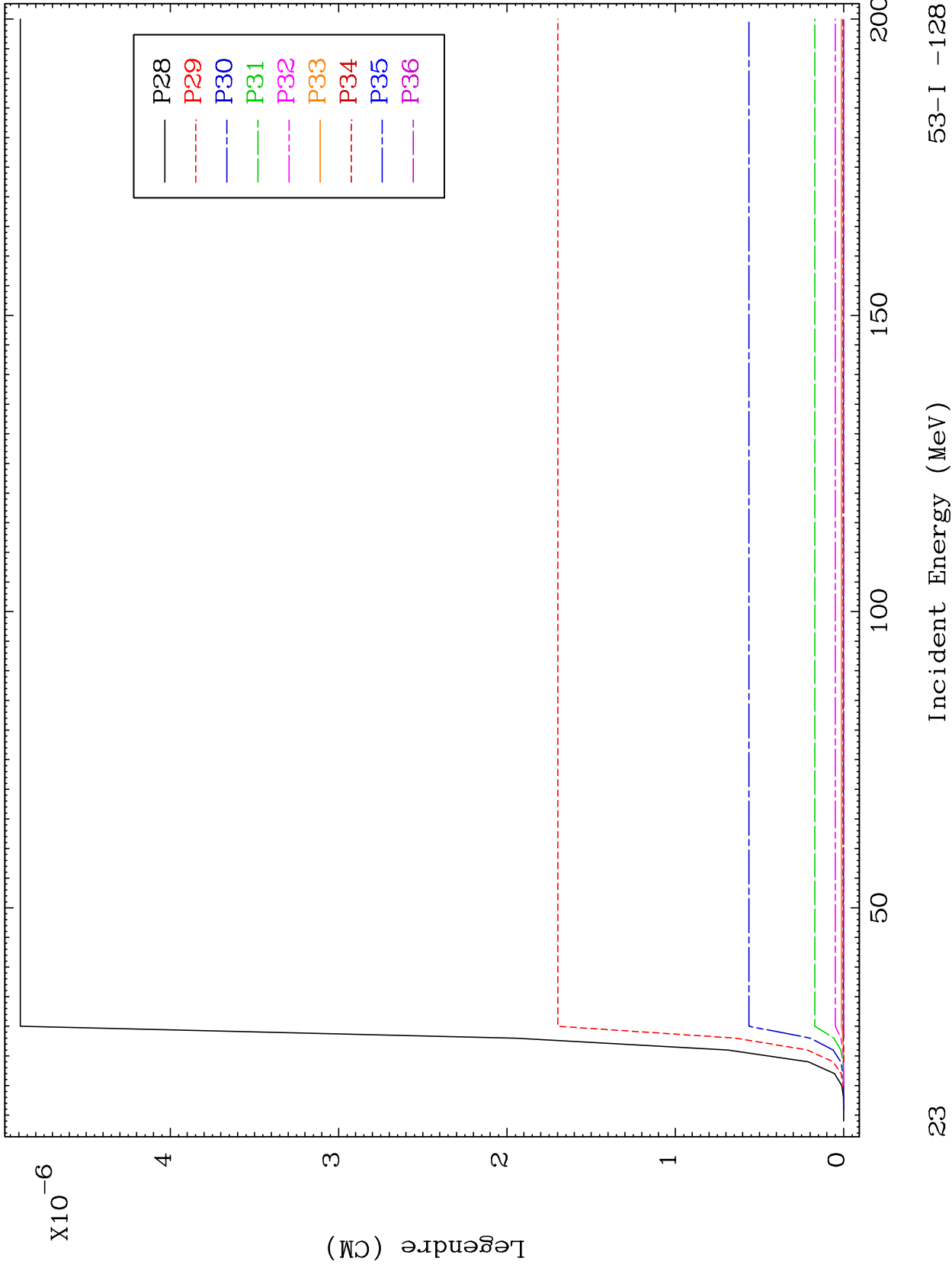


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Incident Energy (MeV)

53-I -128

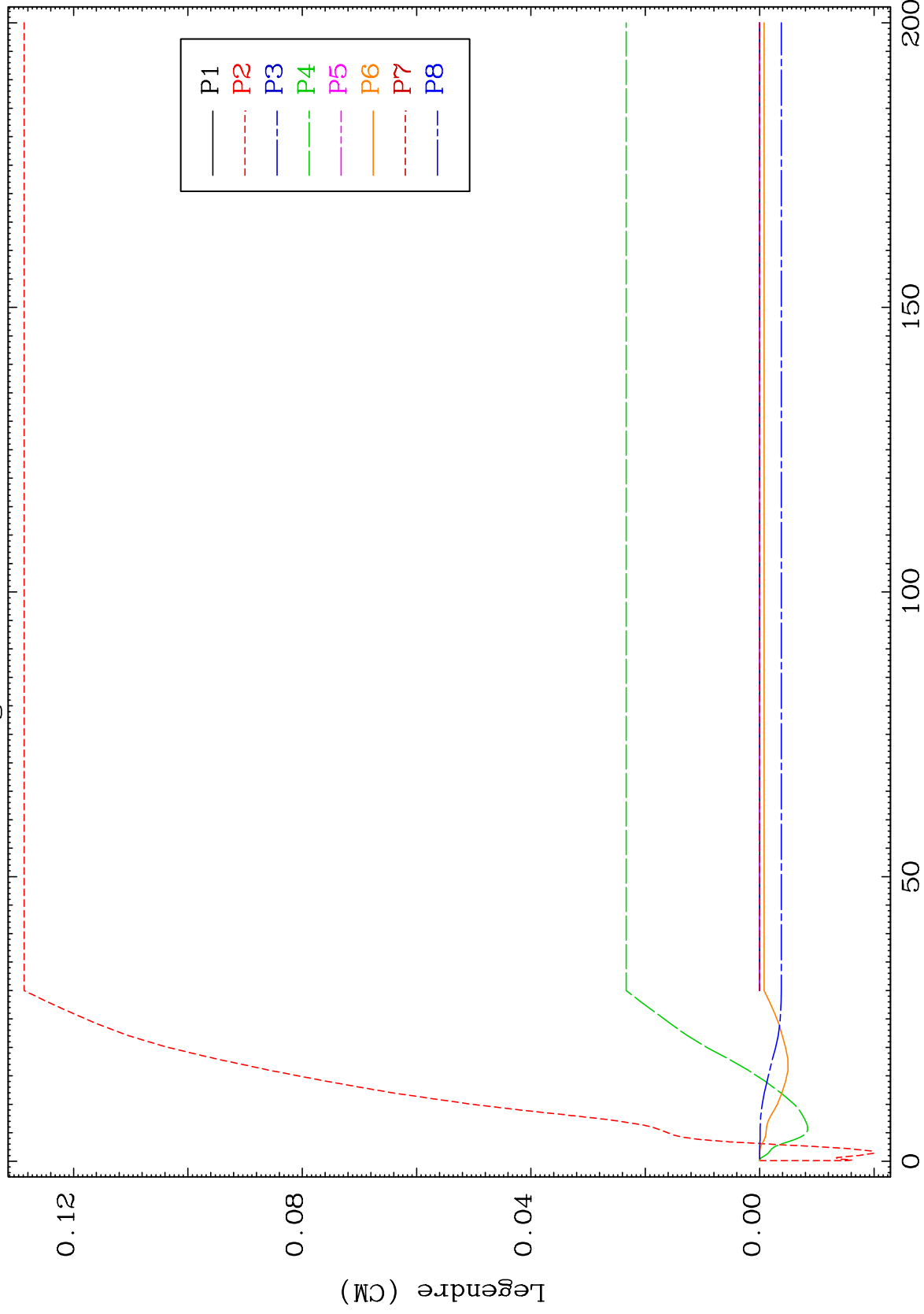




MAT 5328

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

53-I -128

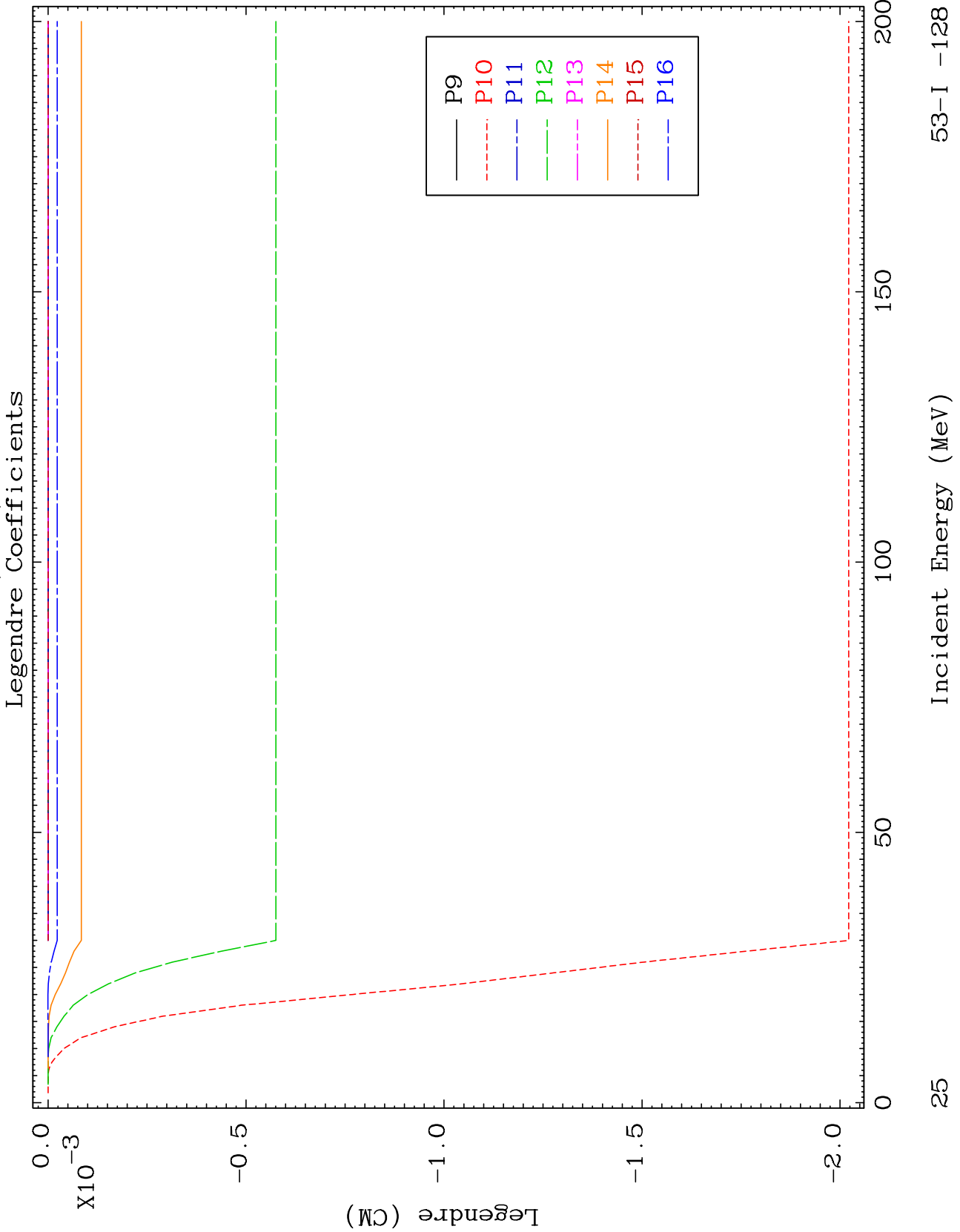


53-I -128

Incident Energy (MeV)

24

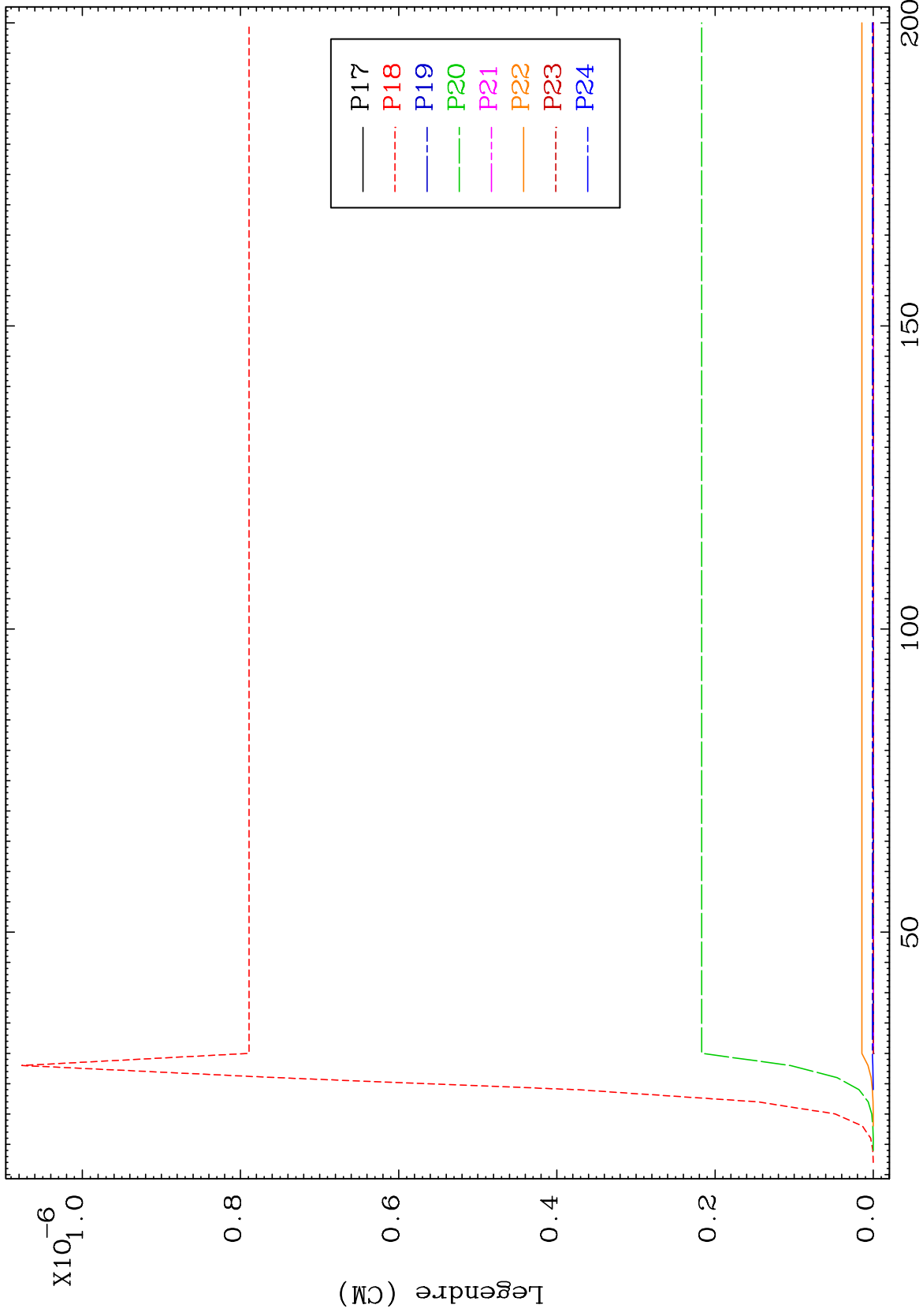
MAT 5328 MT= 52 (n,n') Level 53-I -128

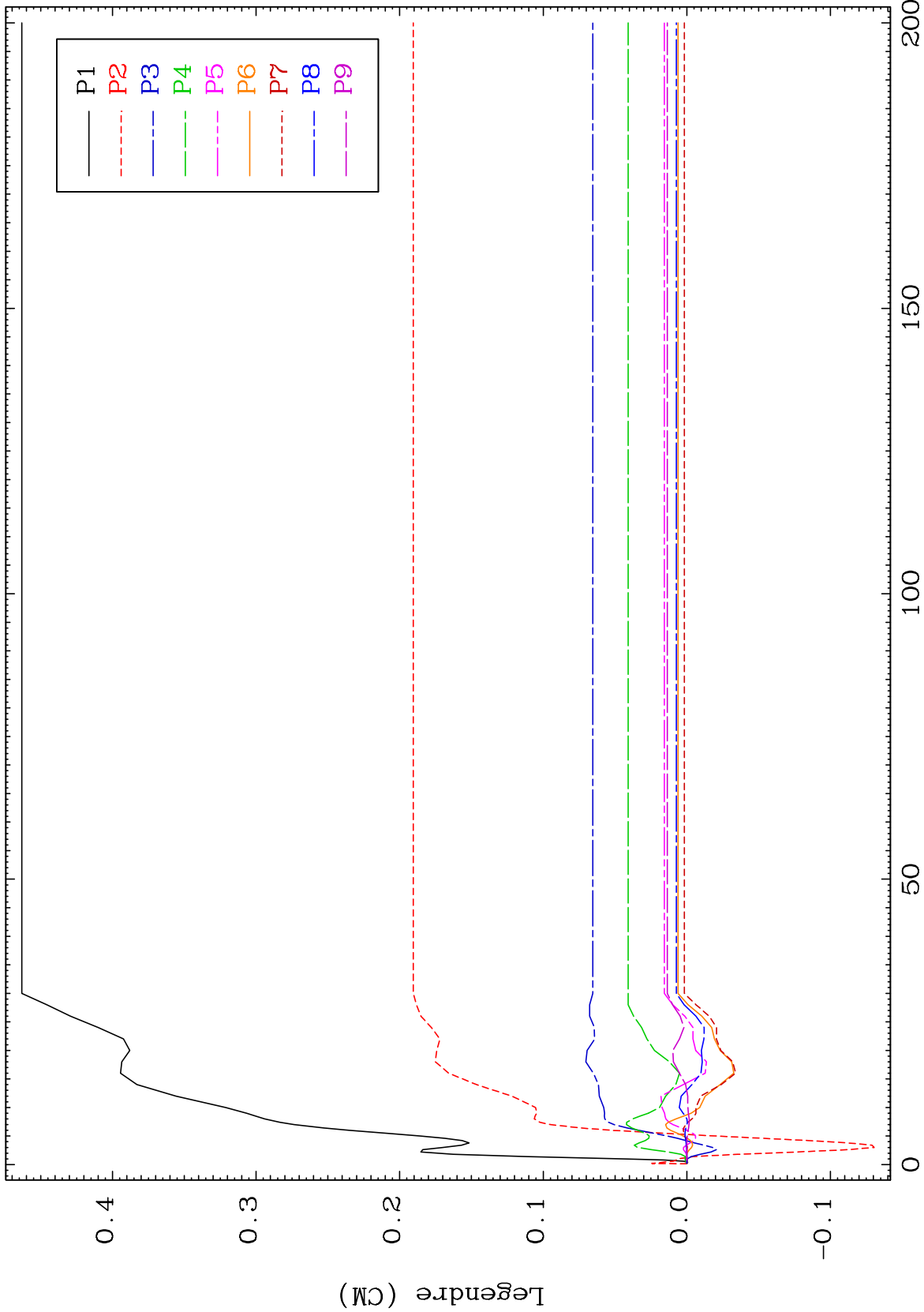


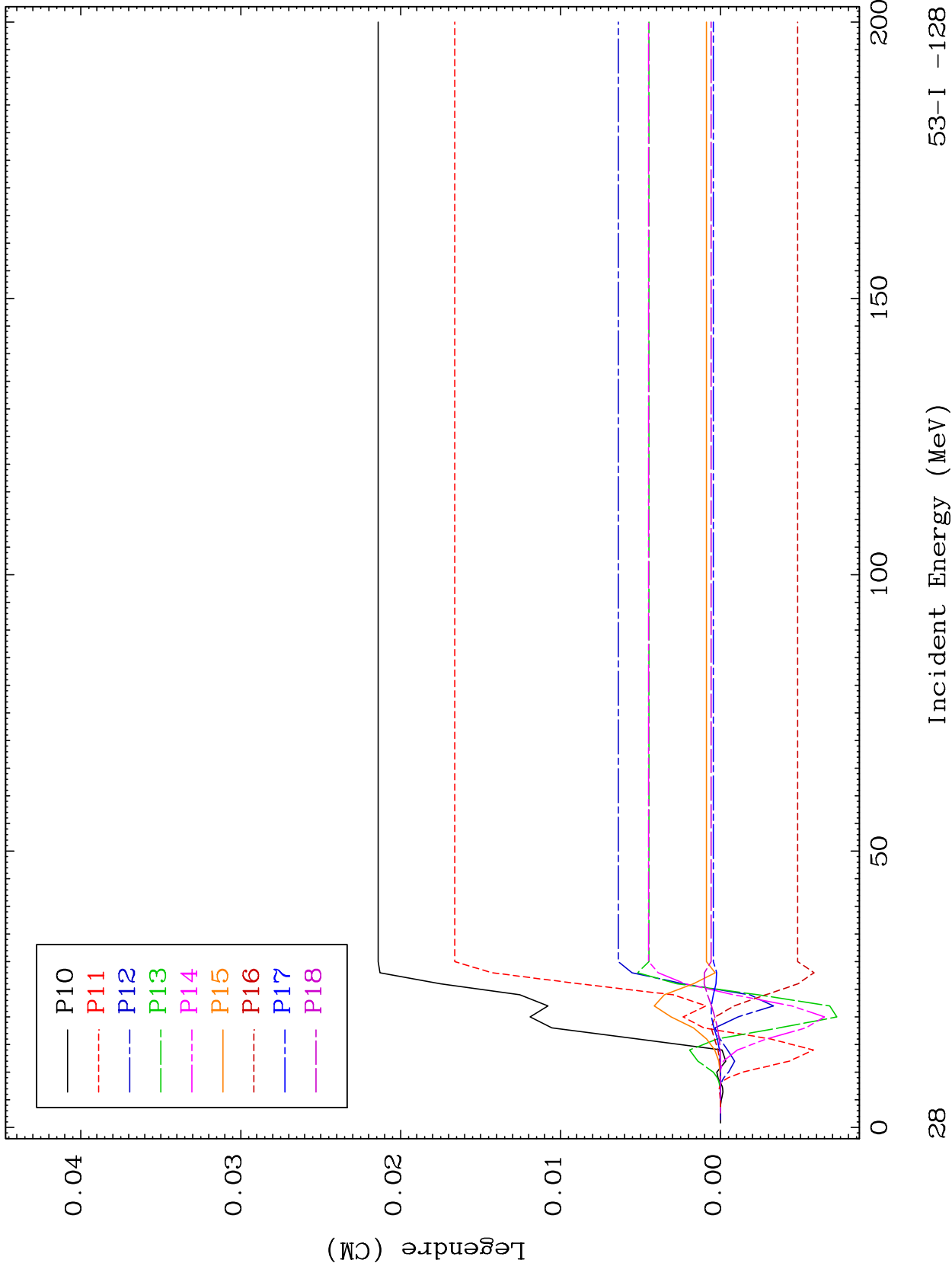
53-I -128

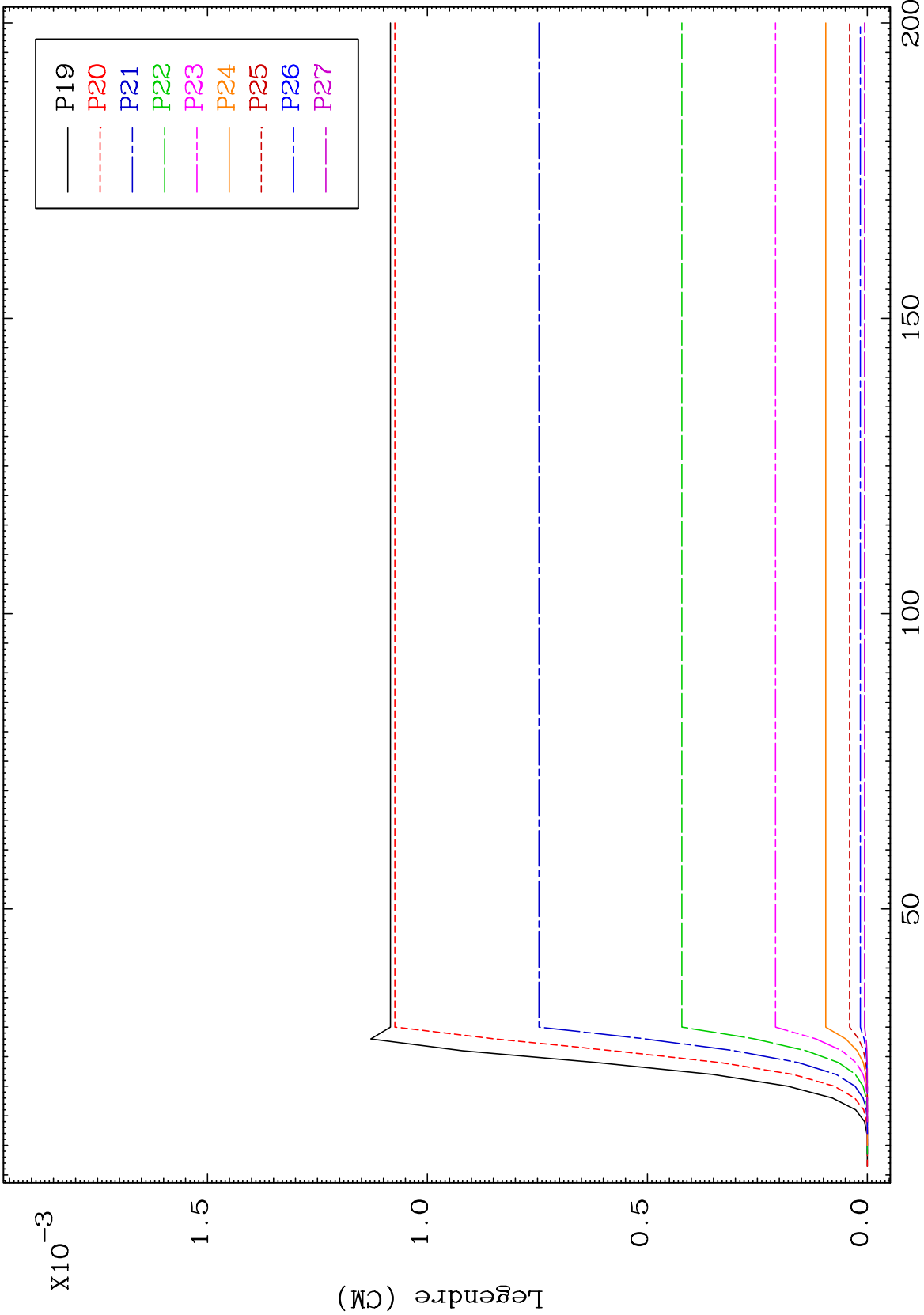
Incident Energy (MeV)

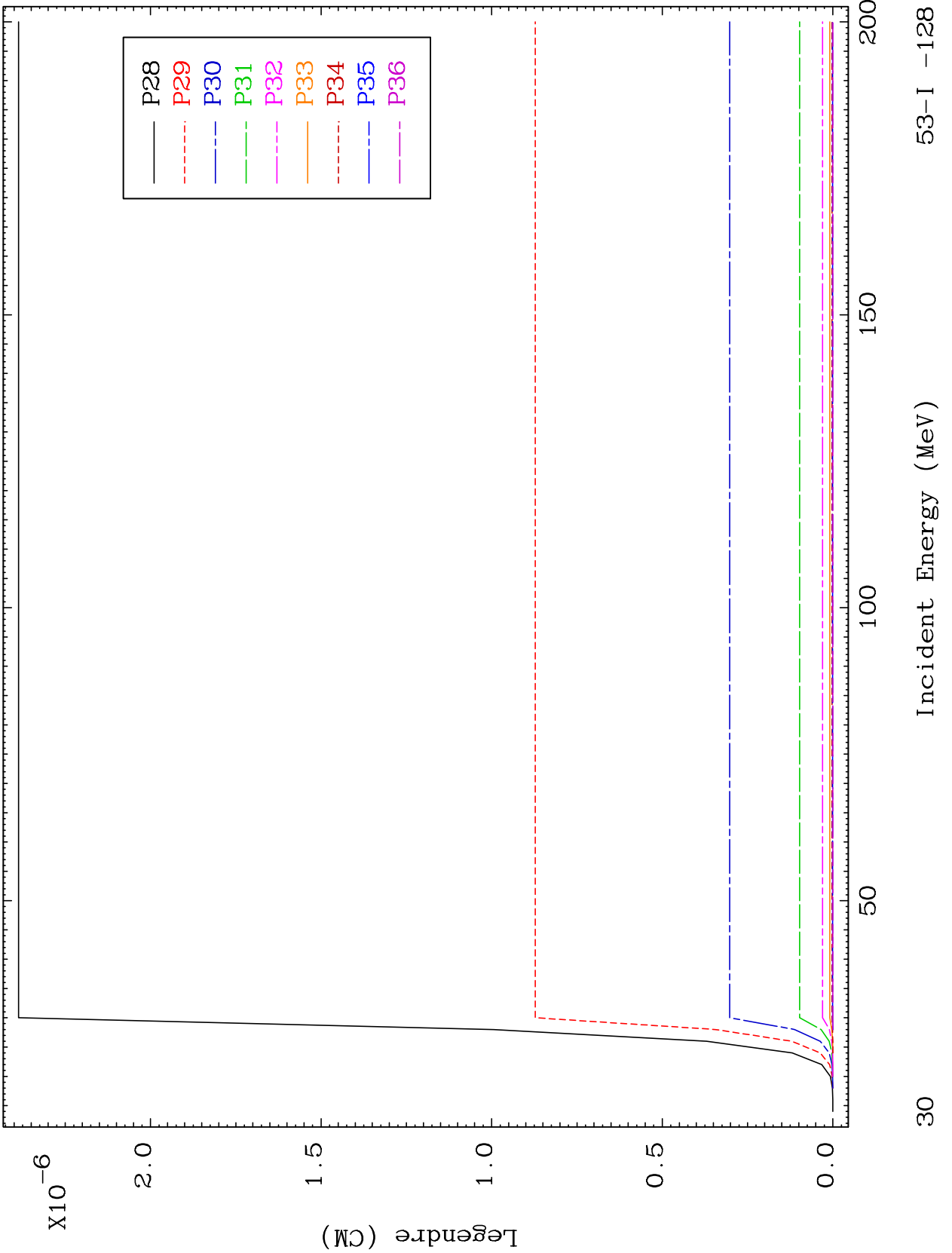
25

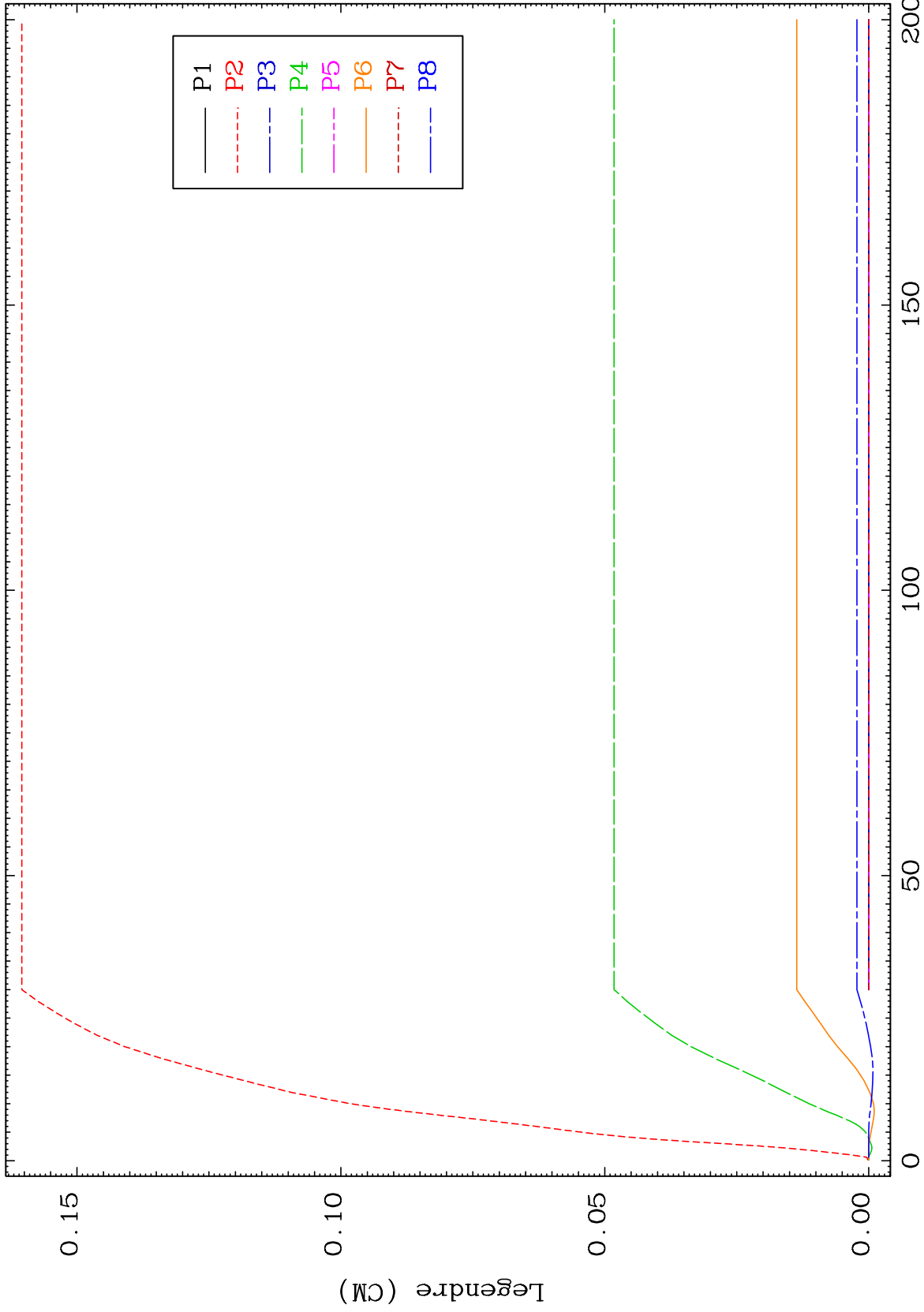








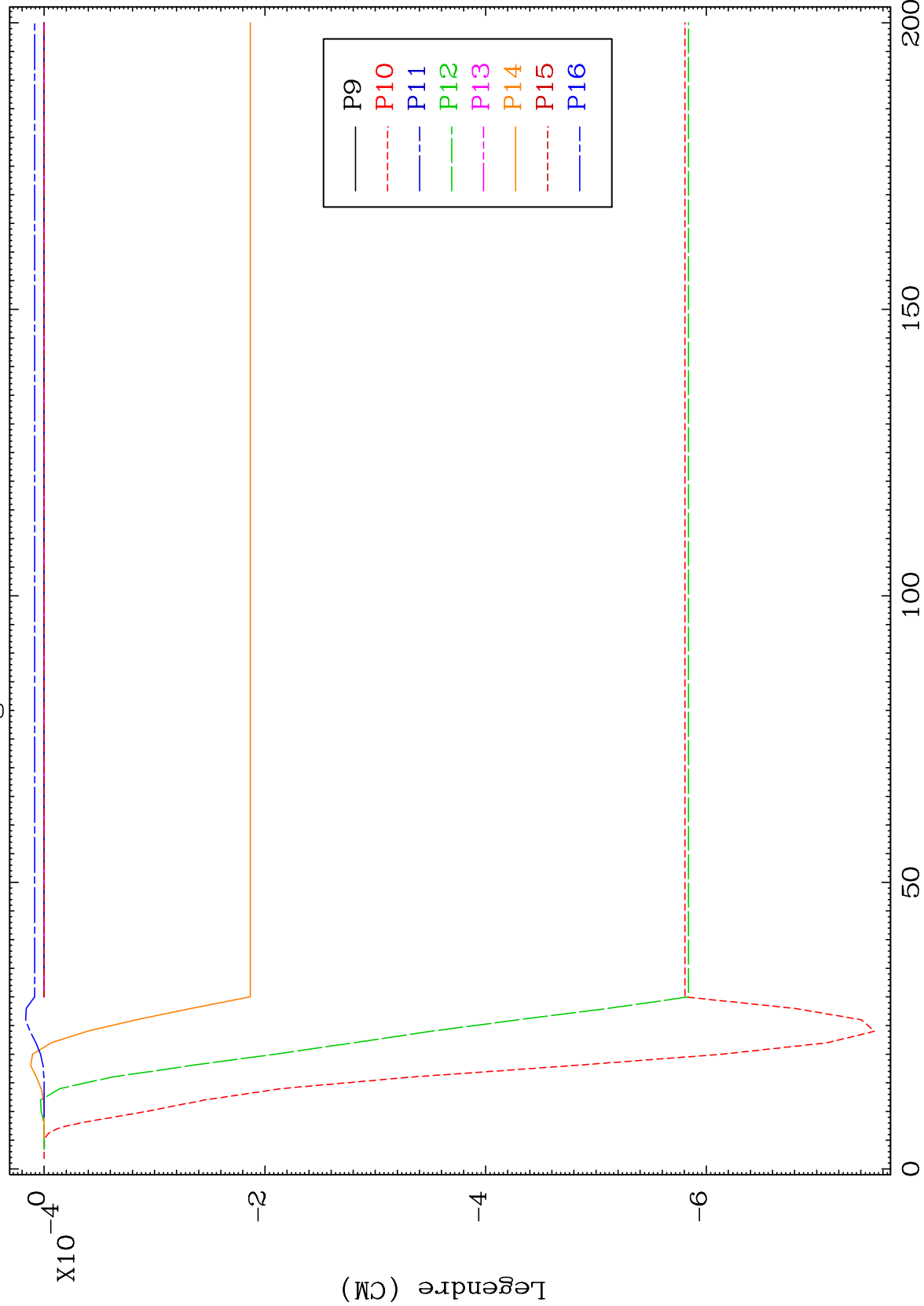




MAT 5328

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

53-I -128



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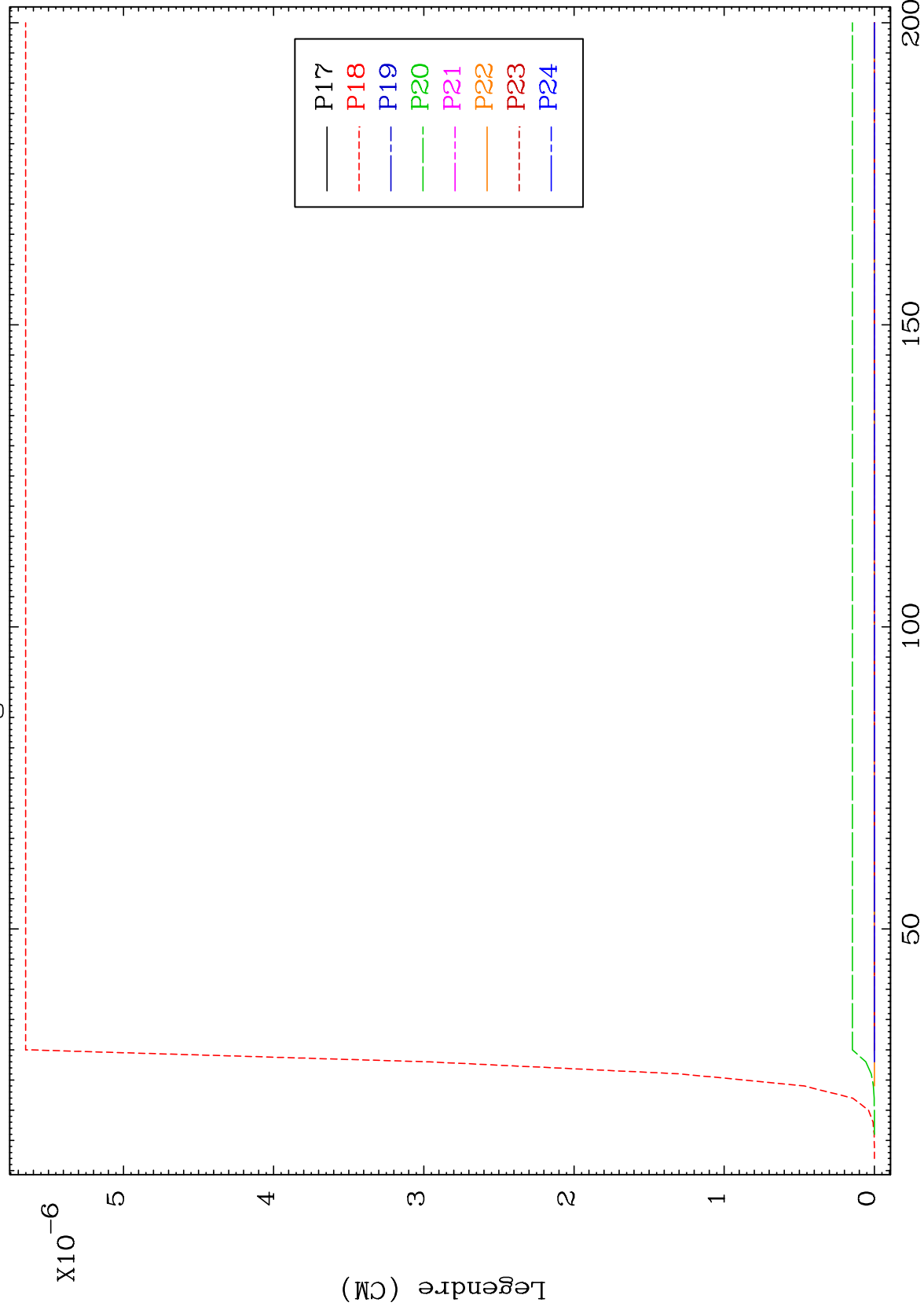
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



33

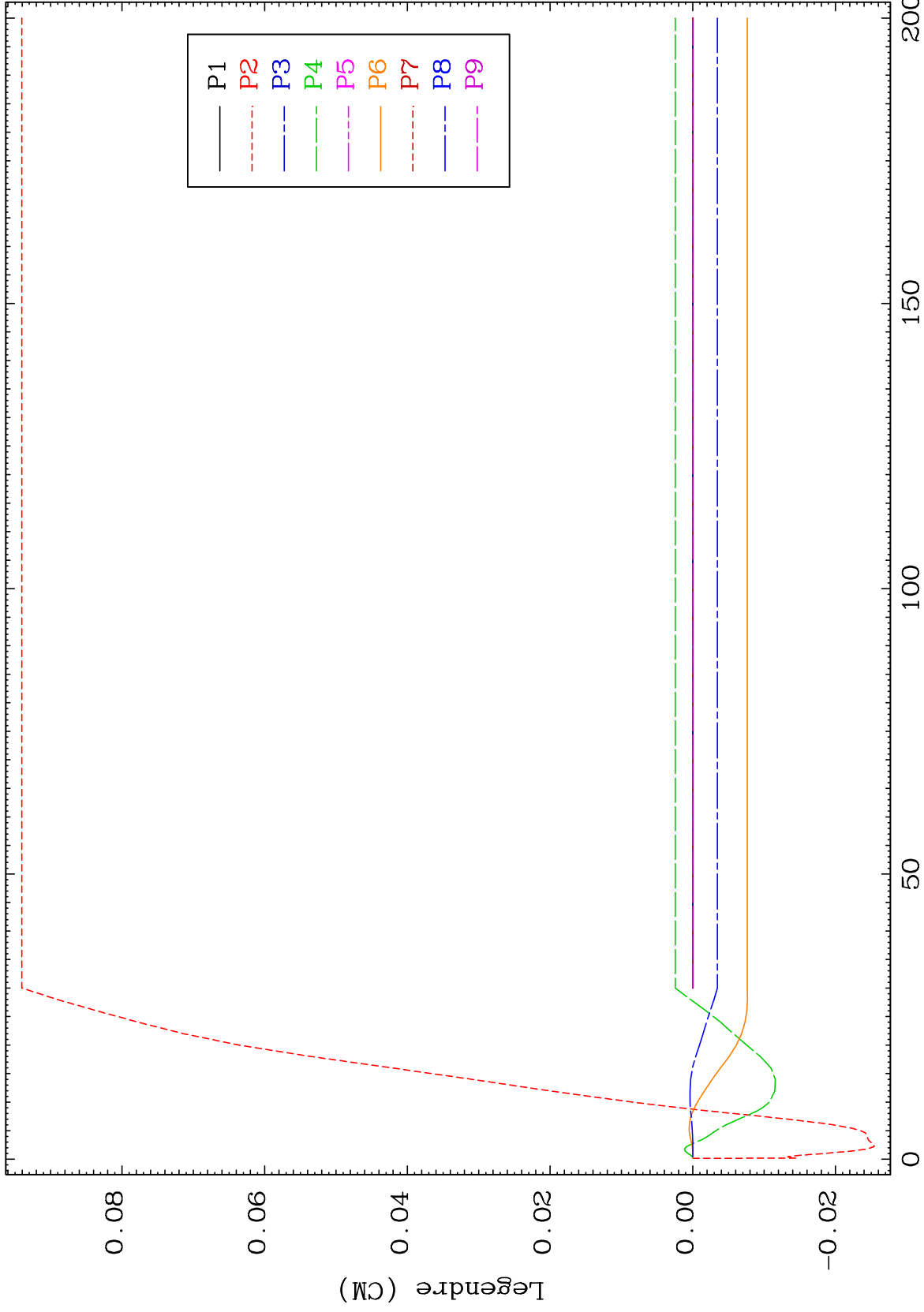
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



34

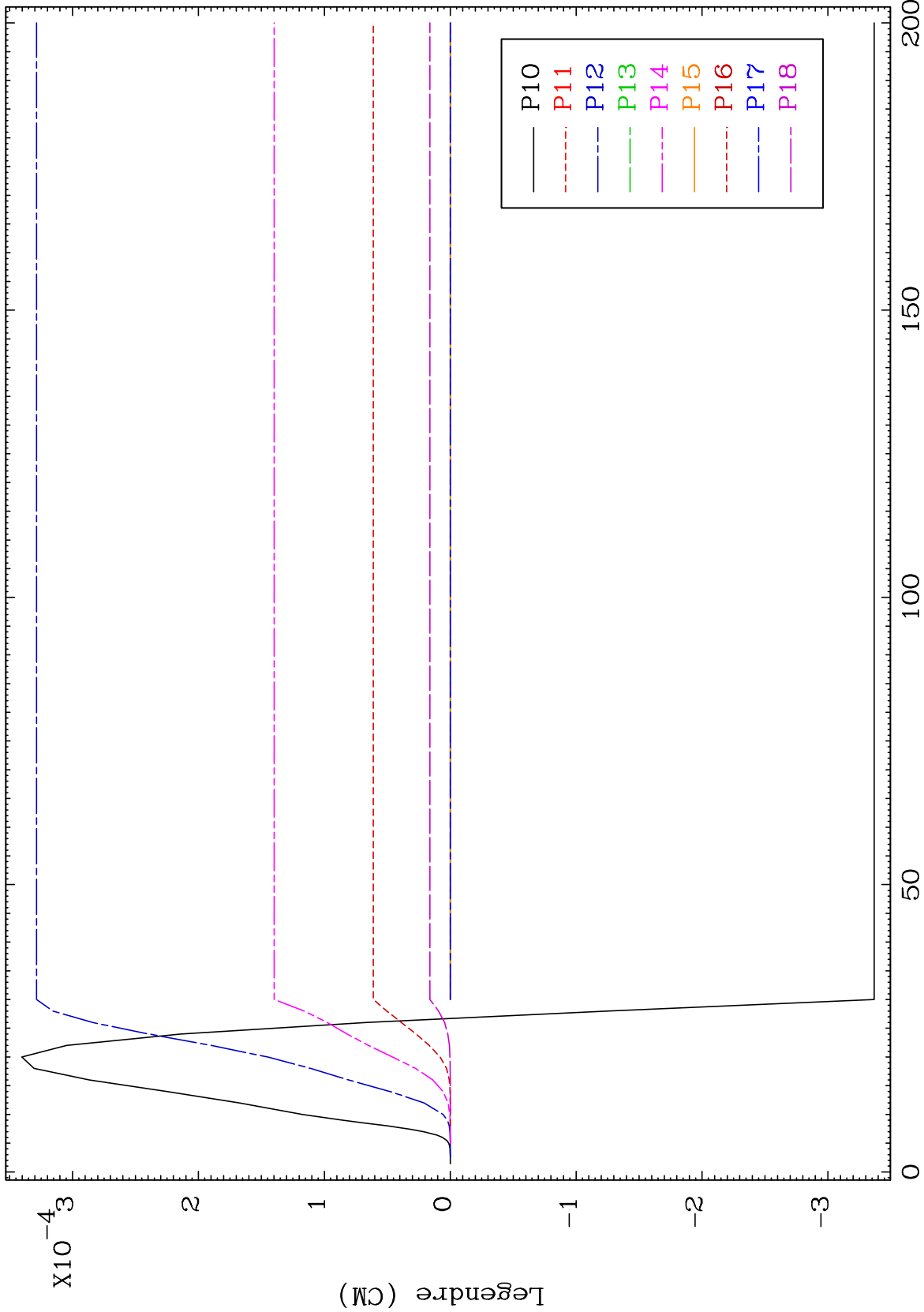
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



35

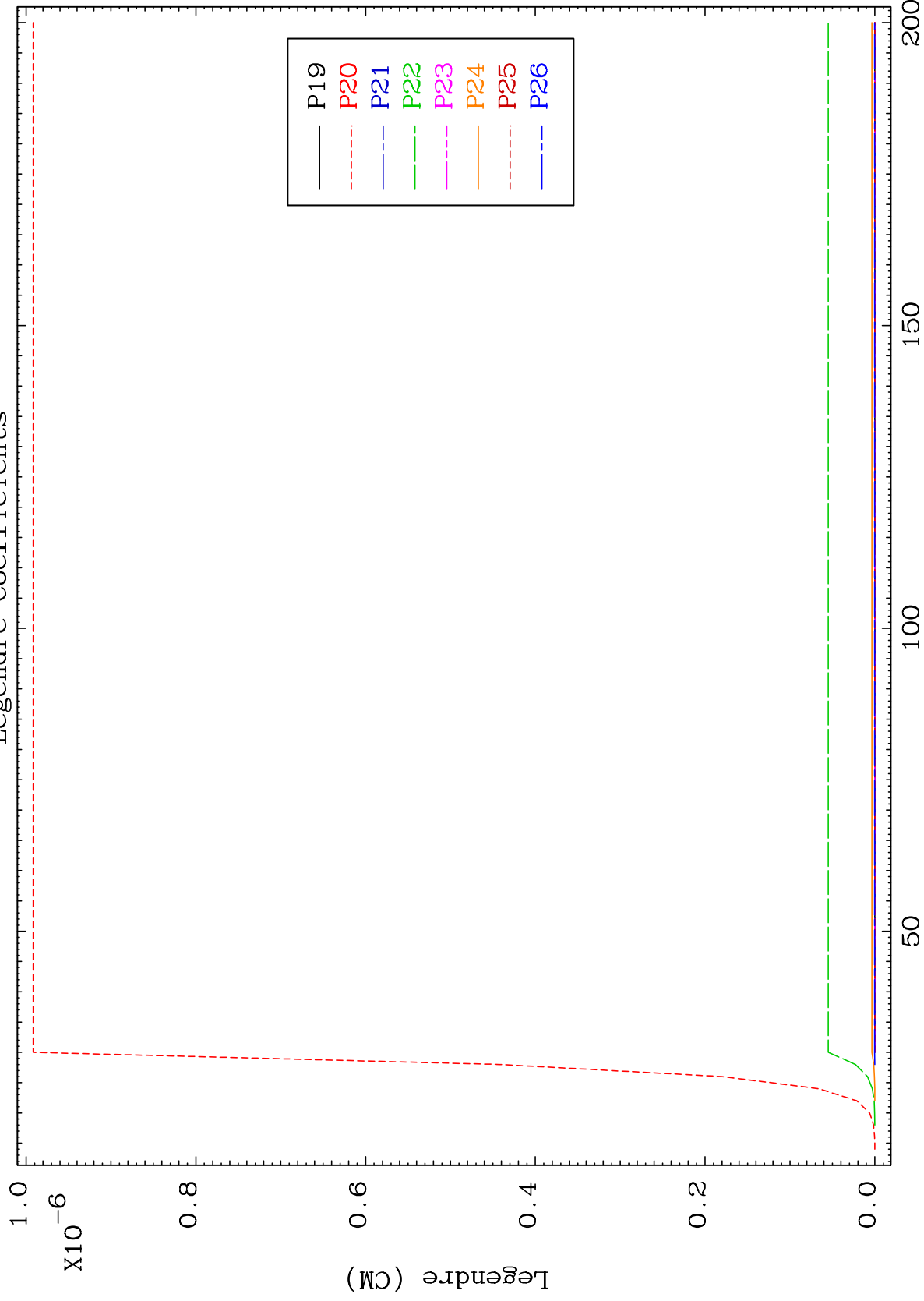
Incident Energy (MeV)

53-I -128

MAT 5328

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

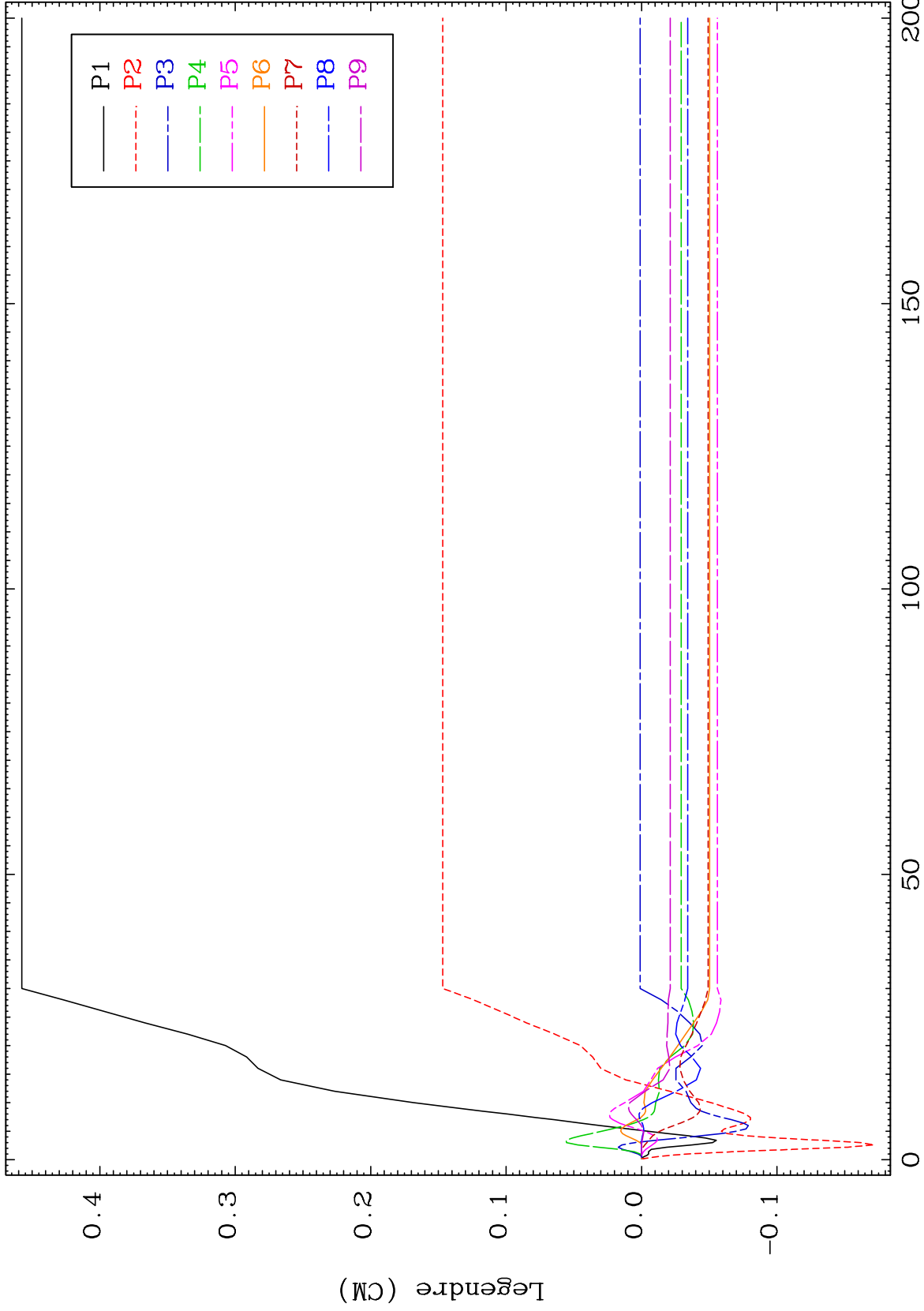
53-I -128



36

Incident Energy (MeV)

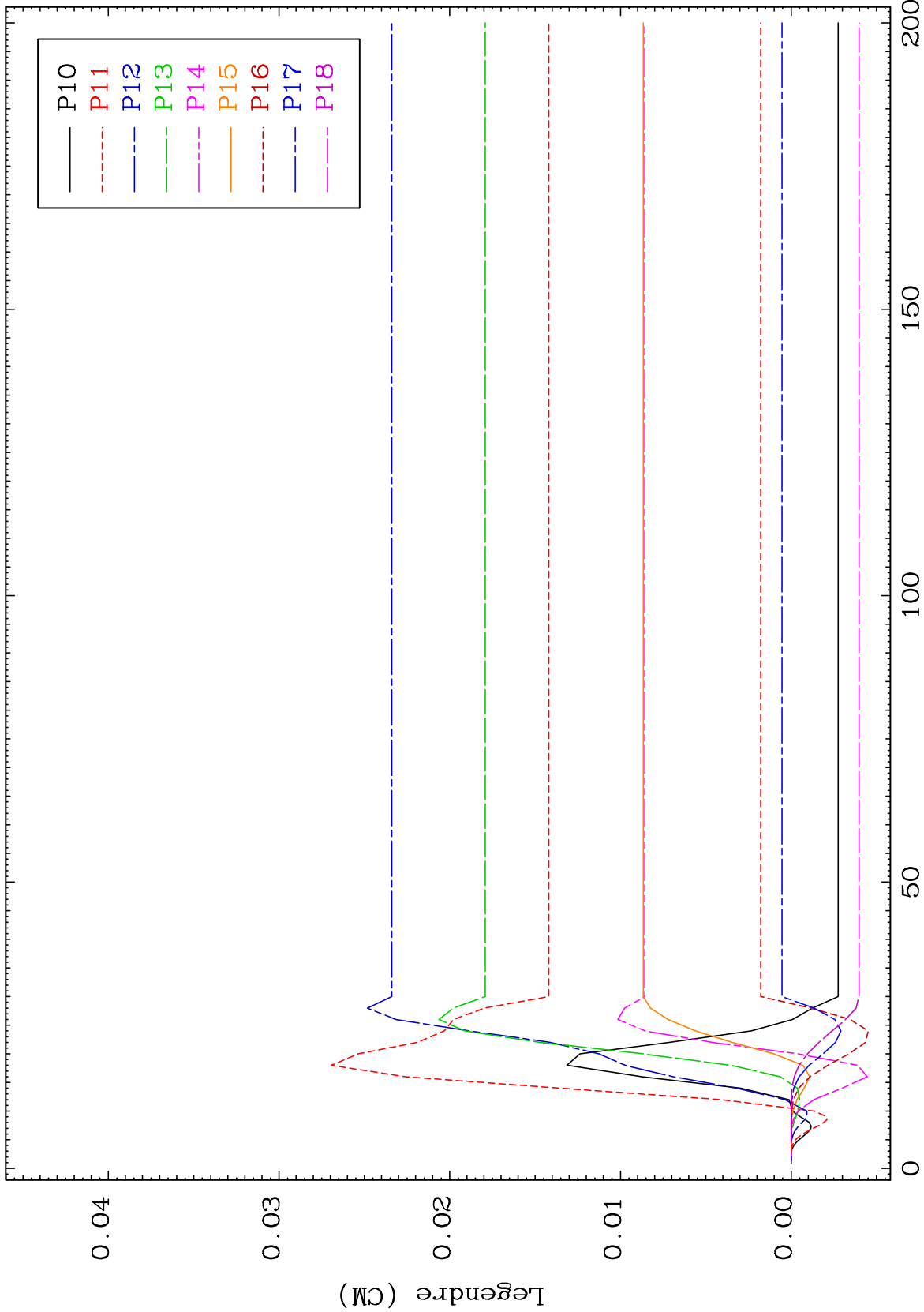
53-I -128



MAT 5328

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

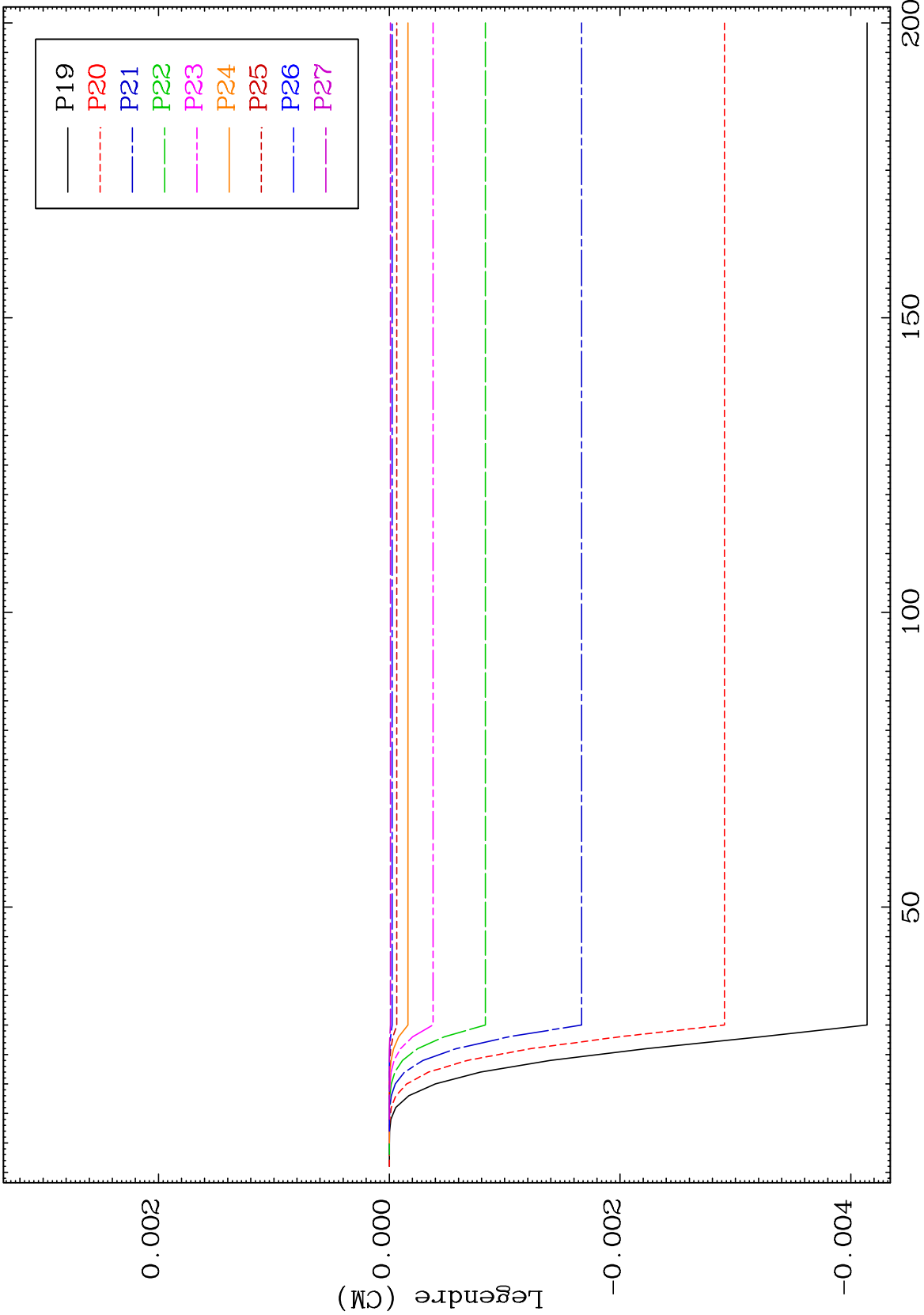
53-I -128



38

Incident Energy (MeV)

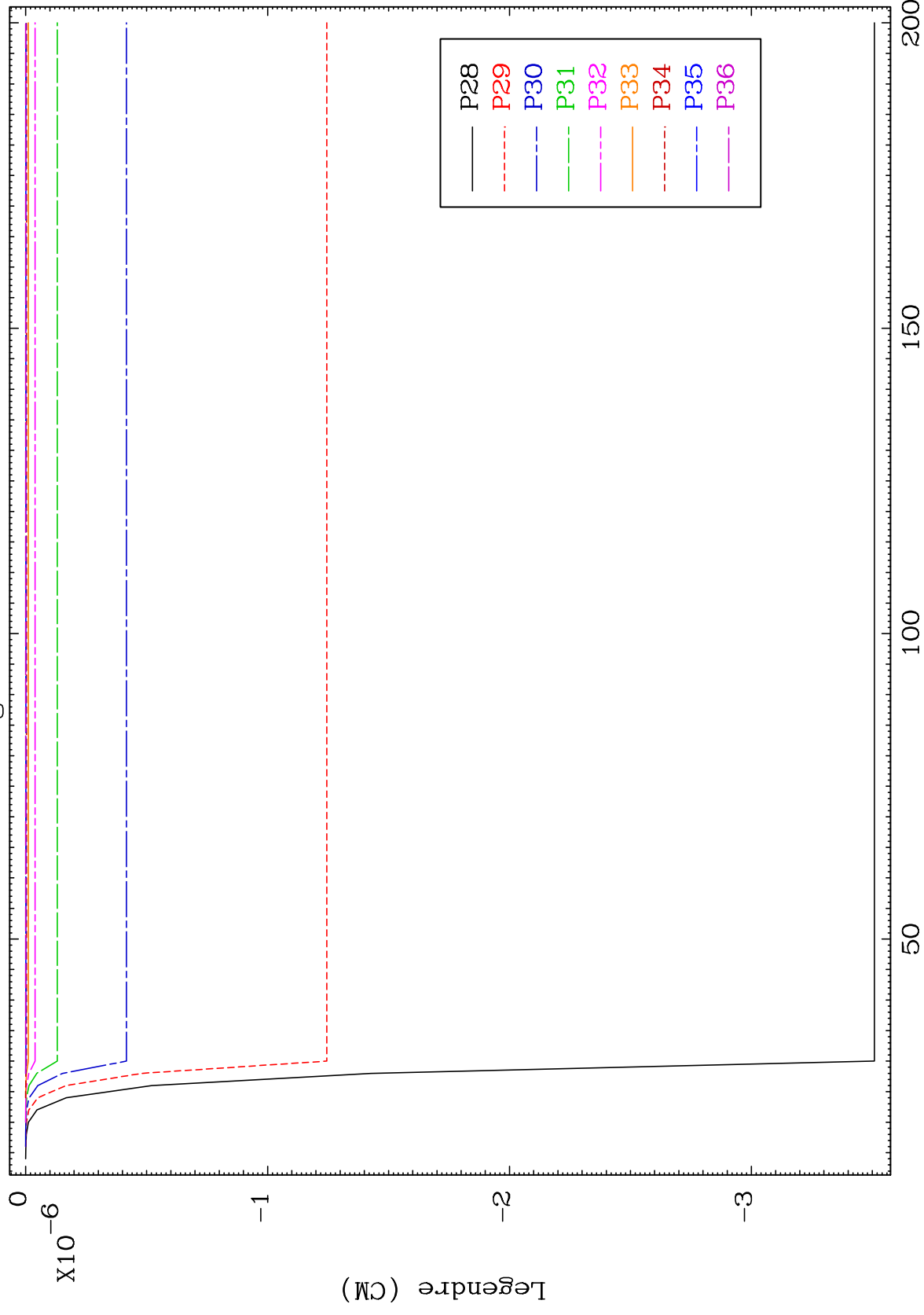
53-I -128



MAT 5328

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

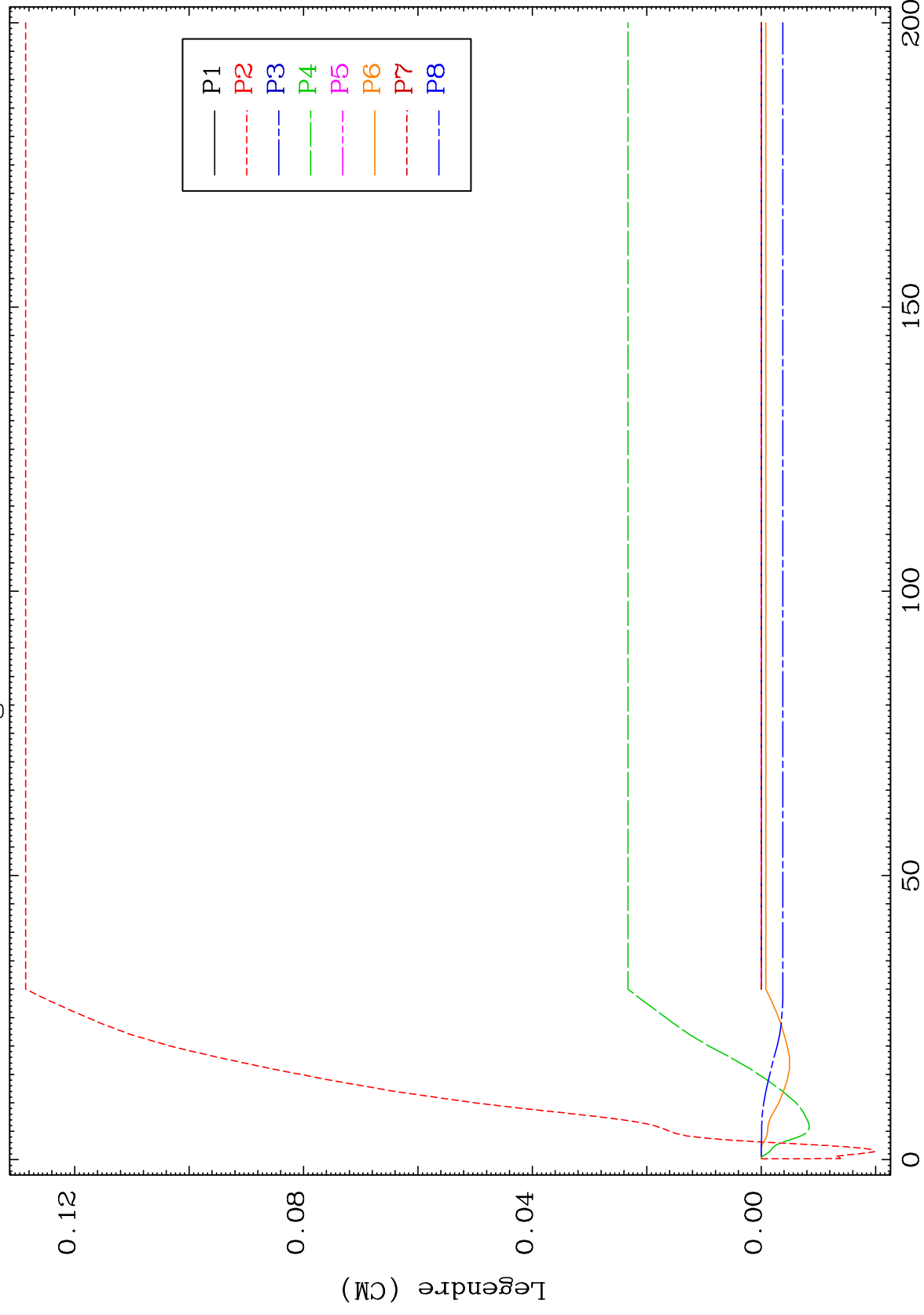
53-I -128



40

Incident Energy (MeV)

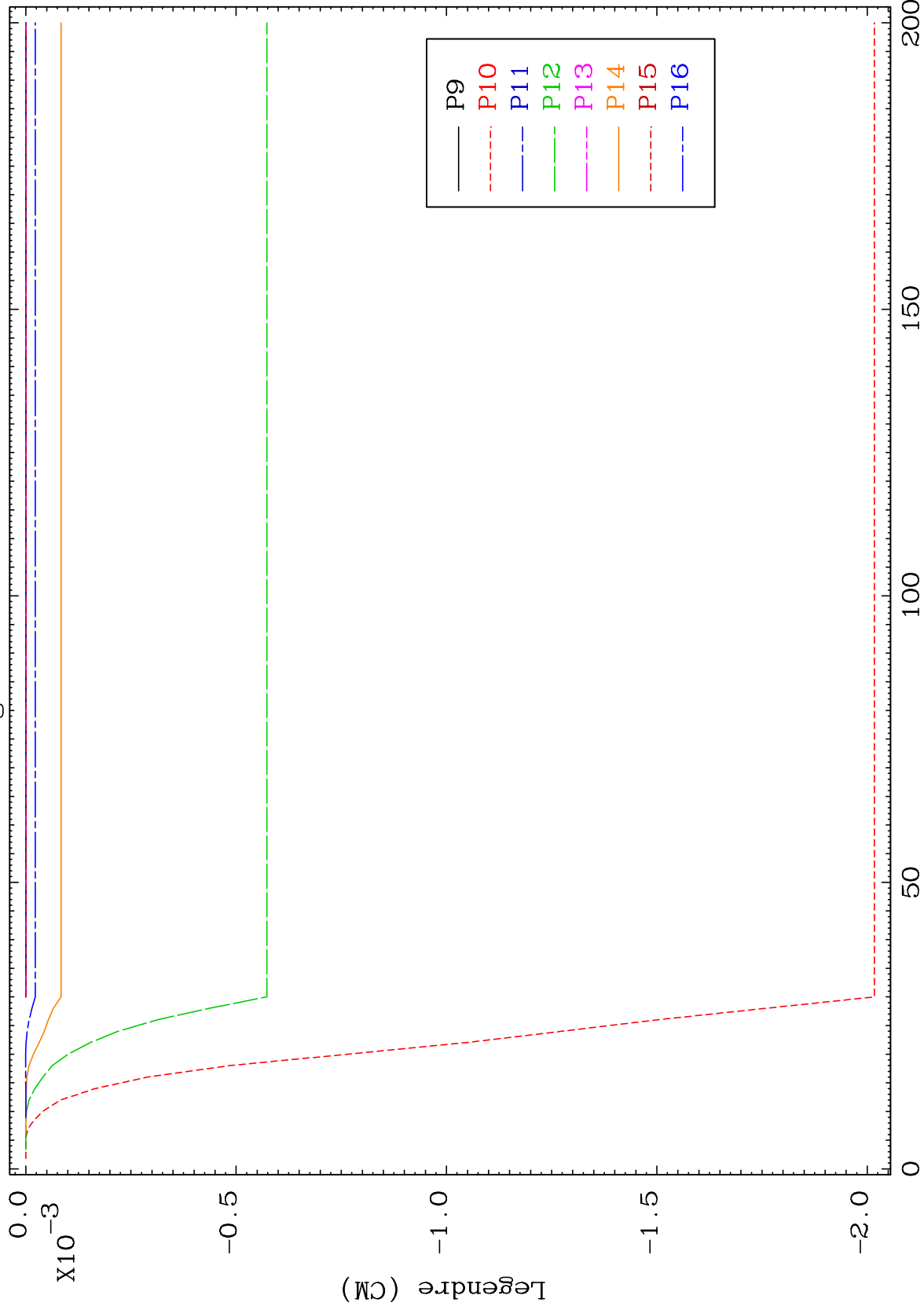
53-I -128



MAT 5328

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

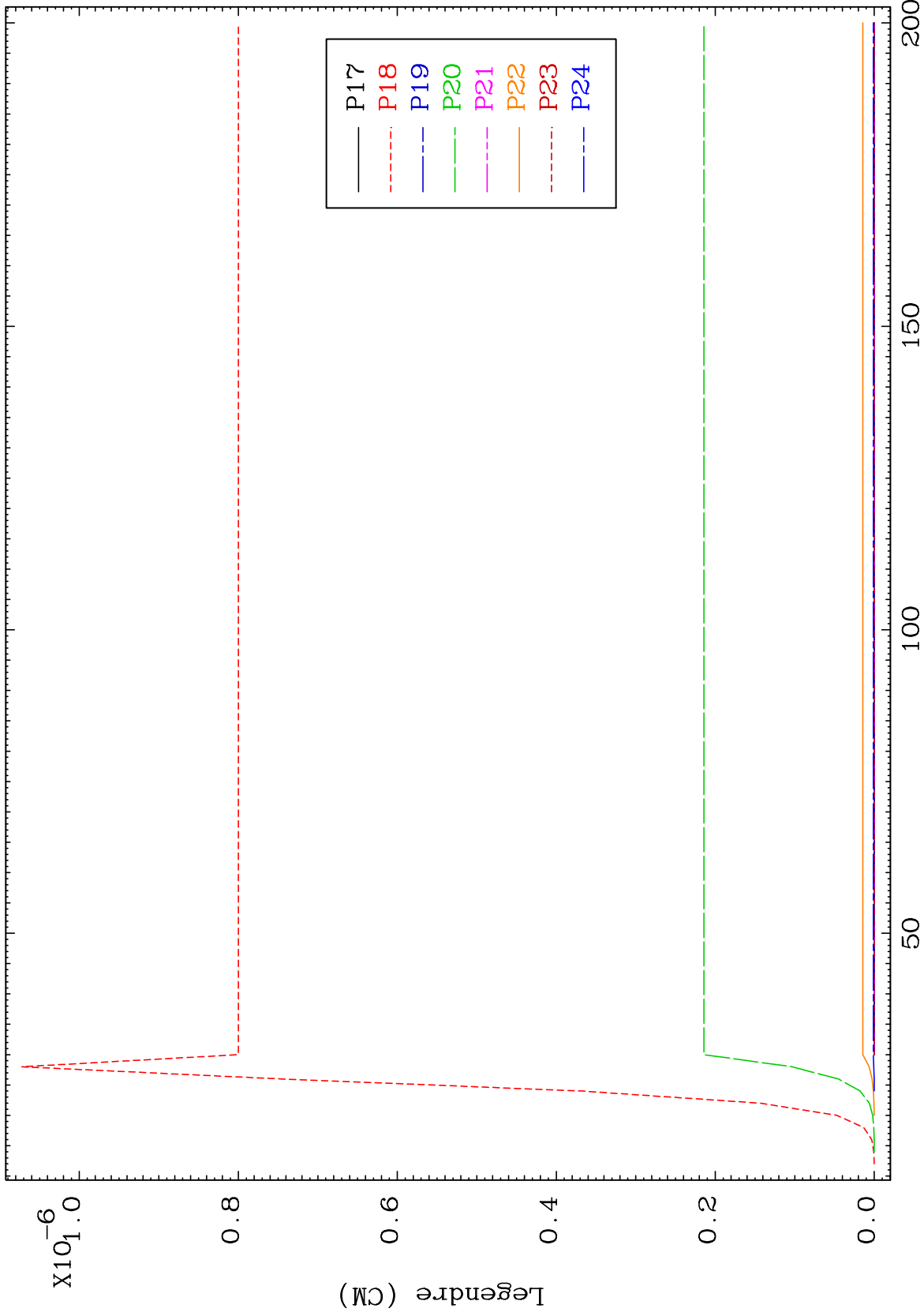
53-I -128



42

Incident Energy (MeV)

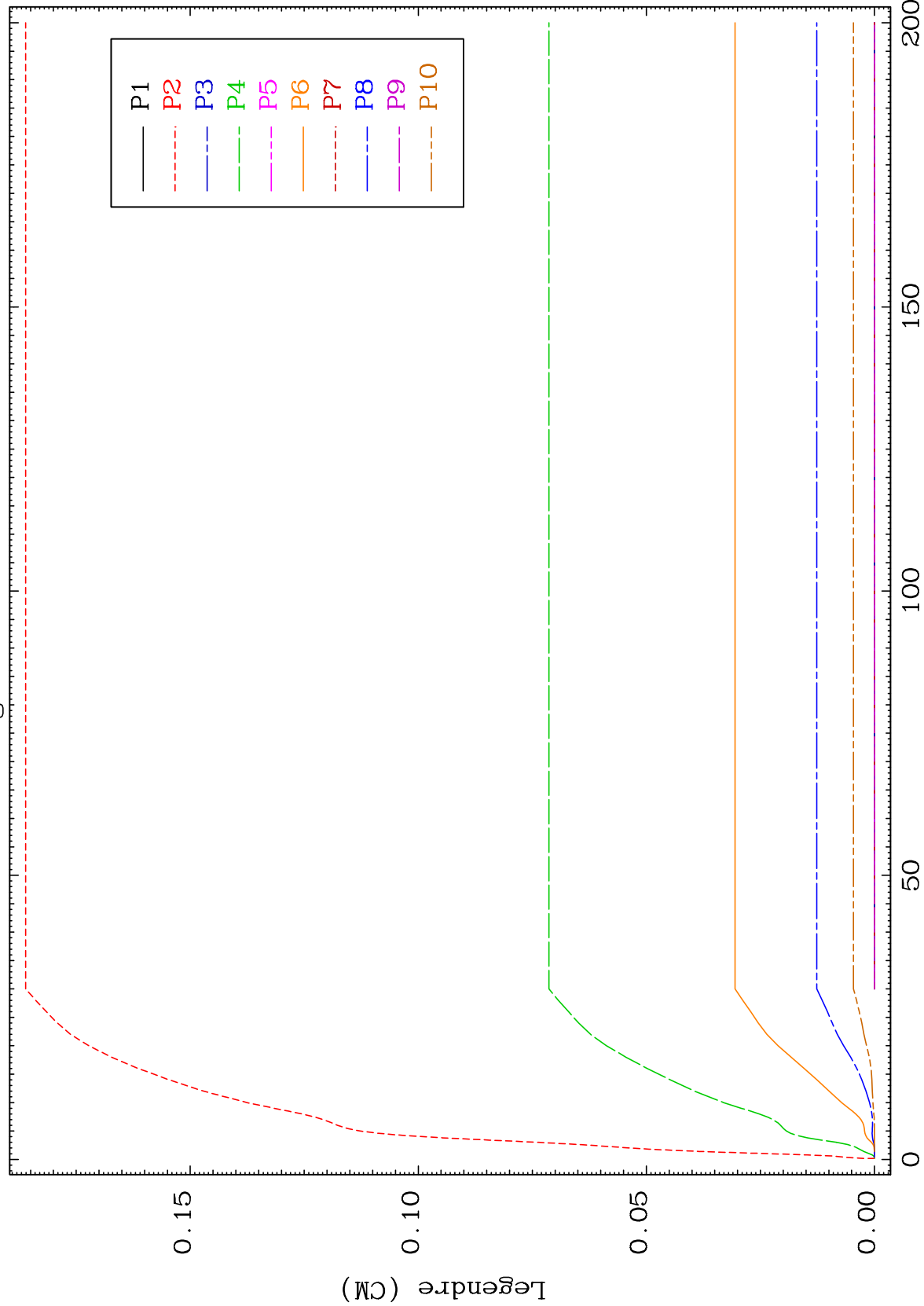
53-I -128



MAT 5328

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

53-I -128



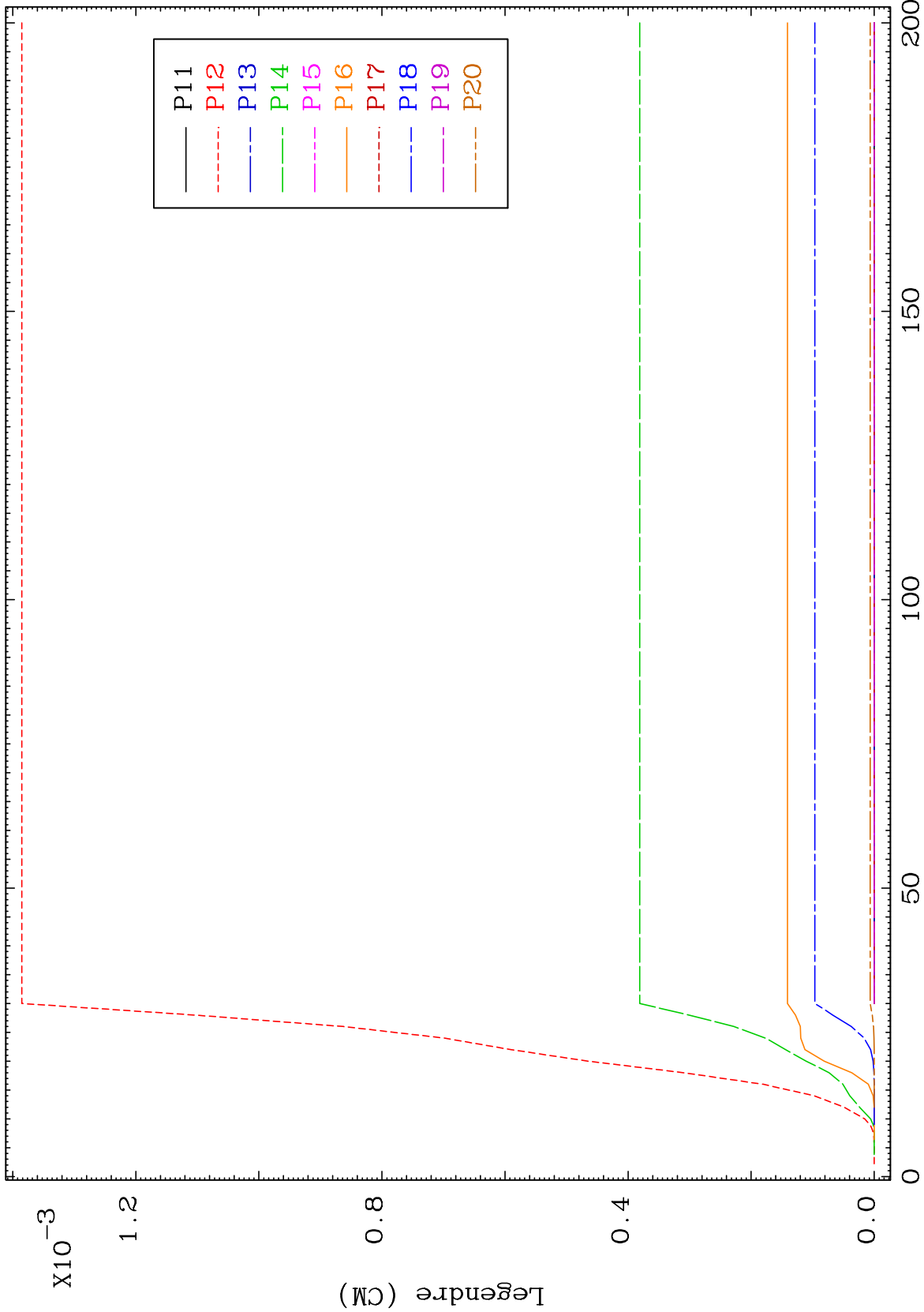
44

53-I -128

MAT 5328

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

53-I -128



53-I -128

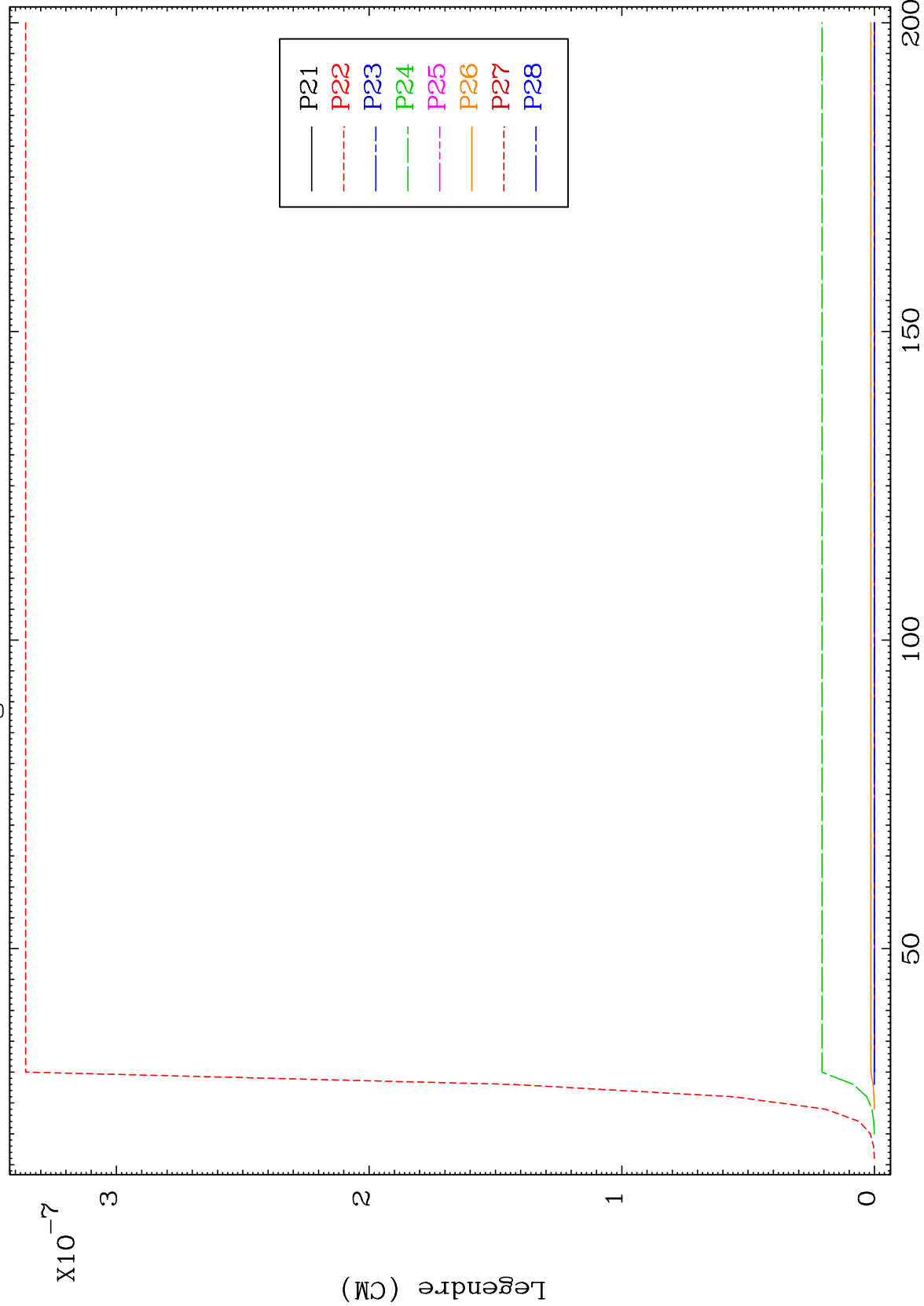
Incident Energy (MeV)

45

MAT 5328

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

53-I -128



46

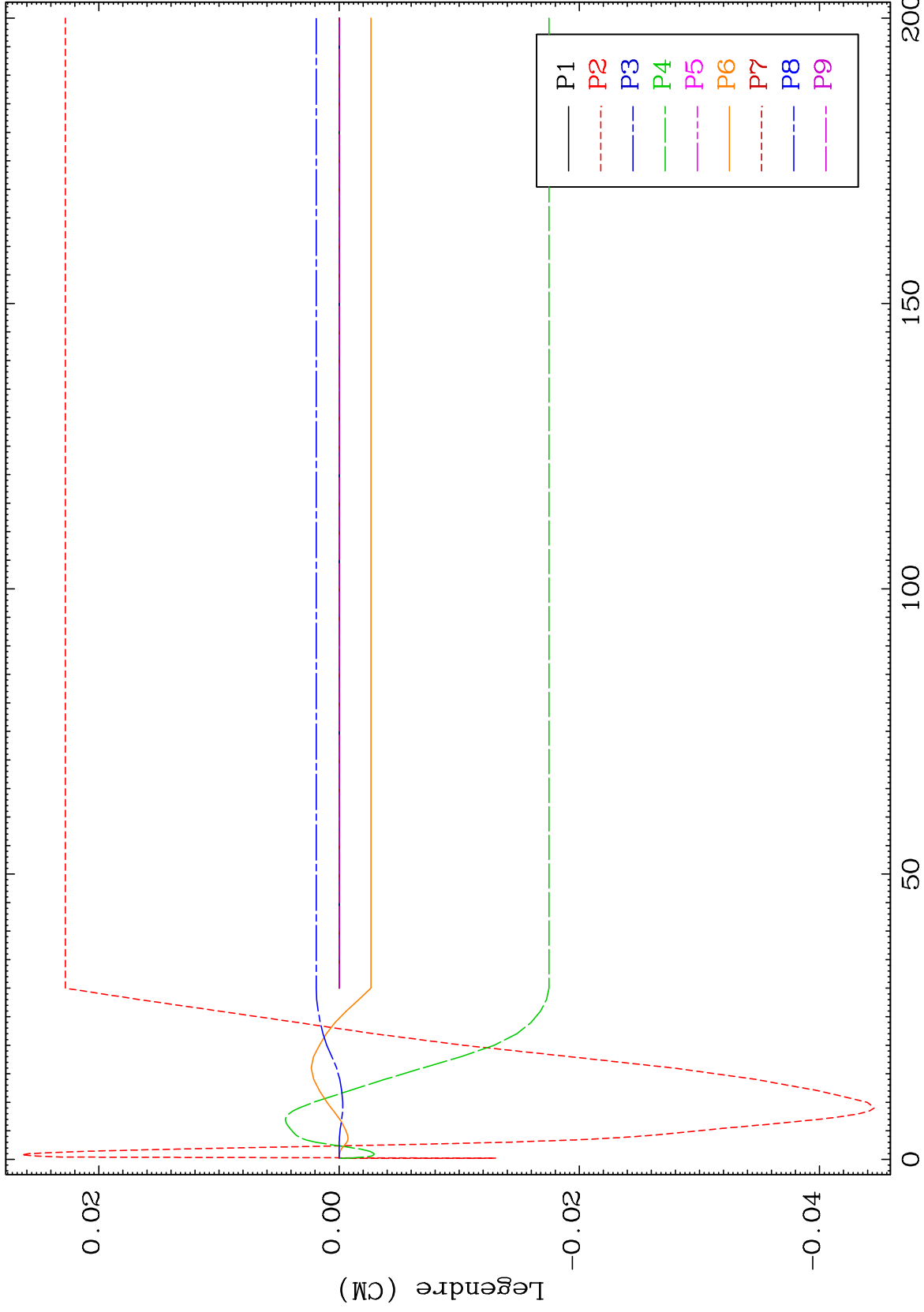
Incident Energy (MeV)

53-I -128

MAT 5328

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

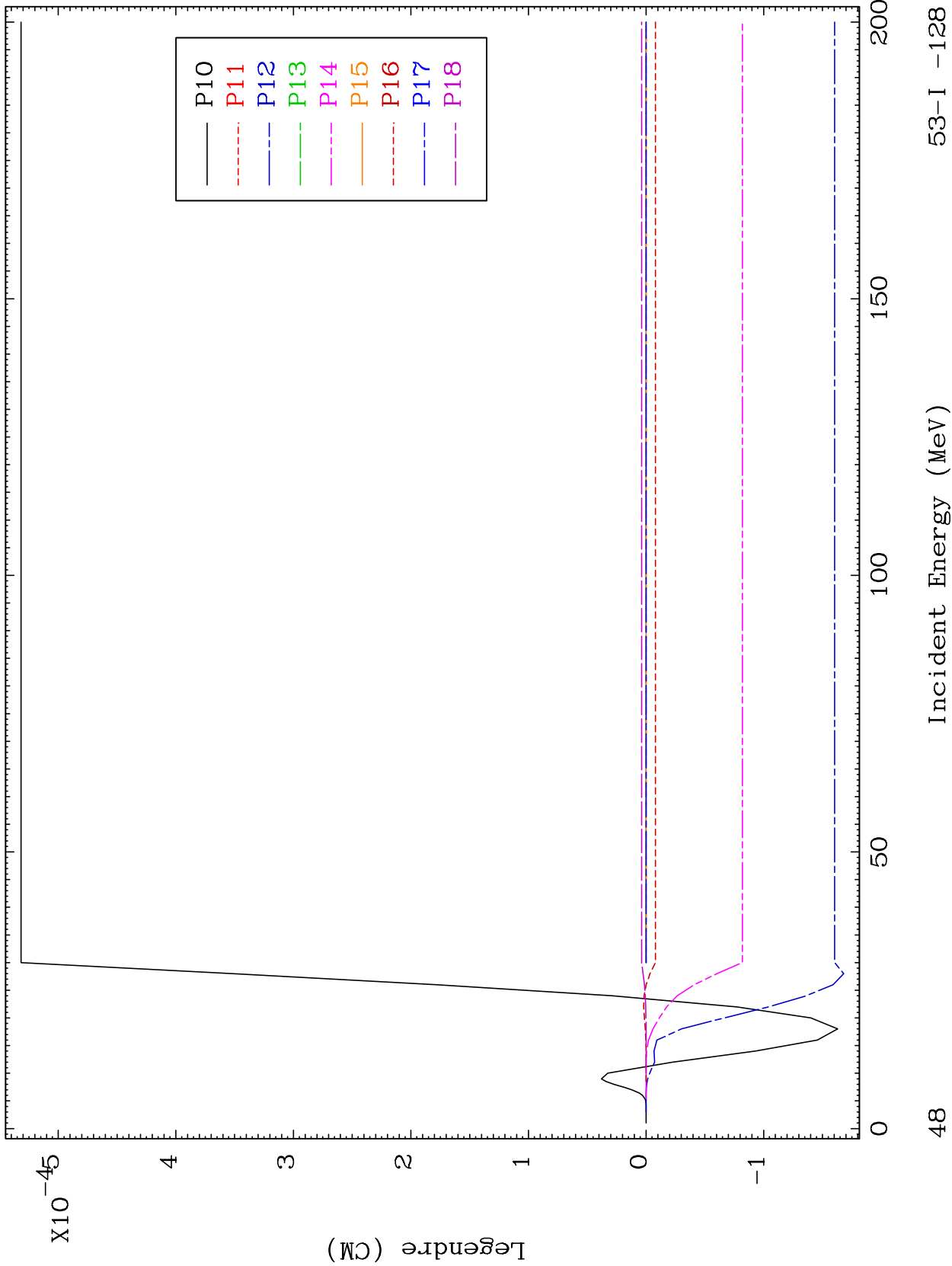
53-I -128



53-I -128

Incident Energy (MeV)

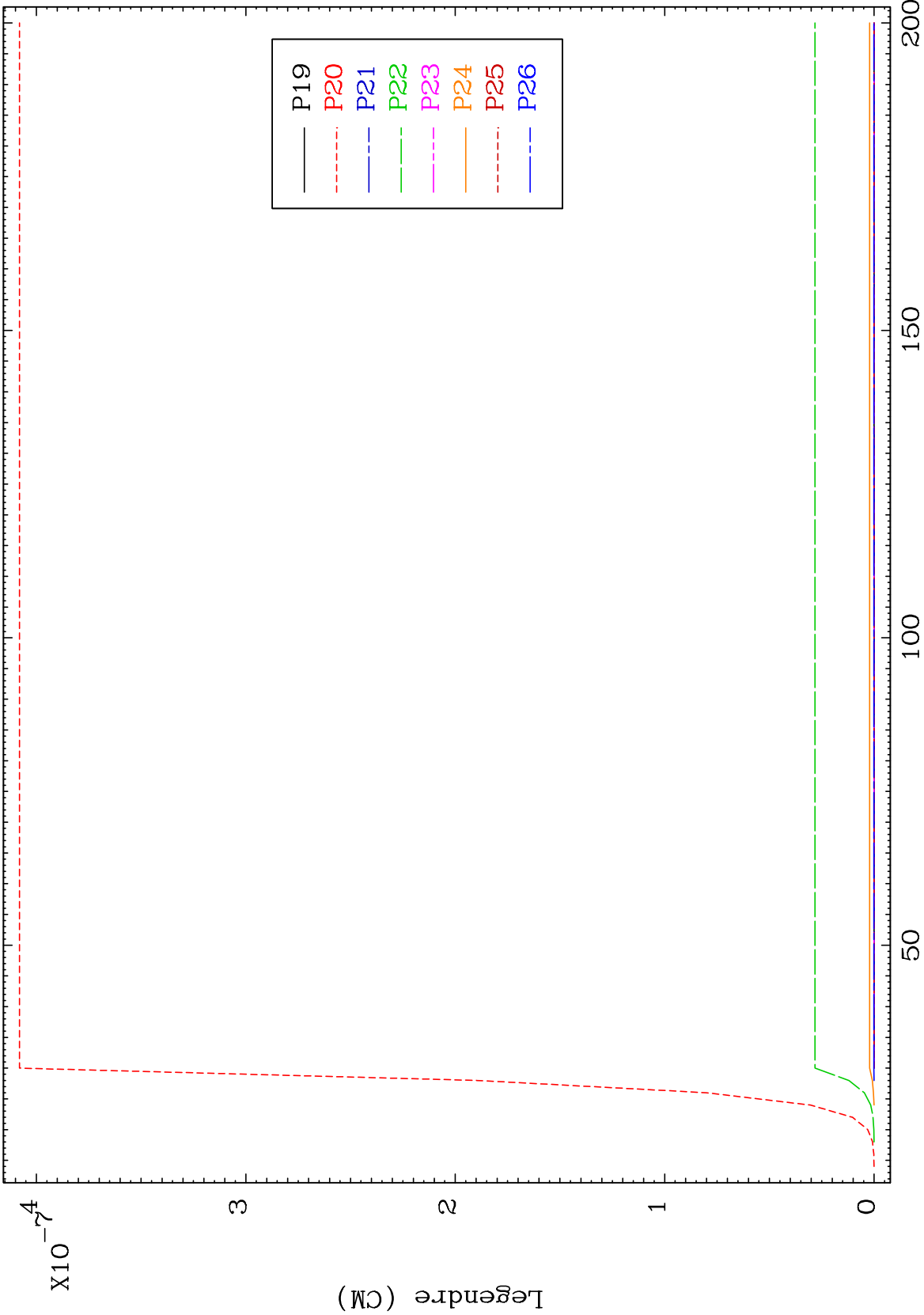
47



MAT 5328

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

53-I -128



49

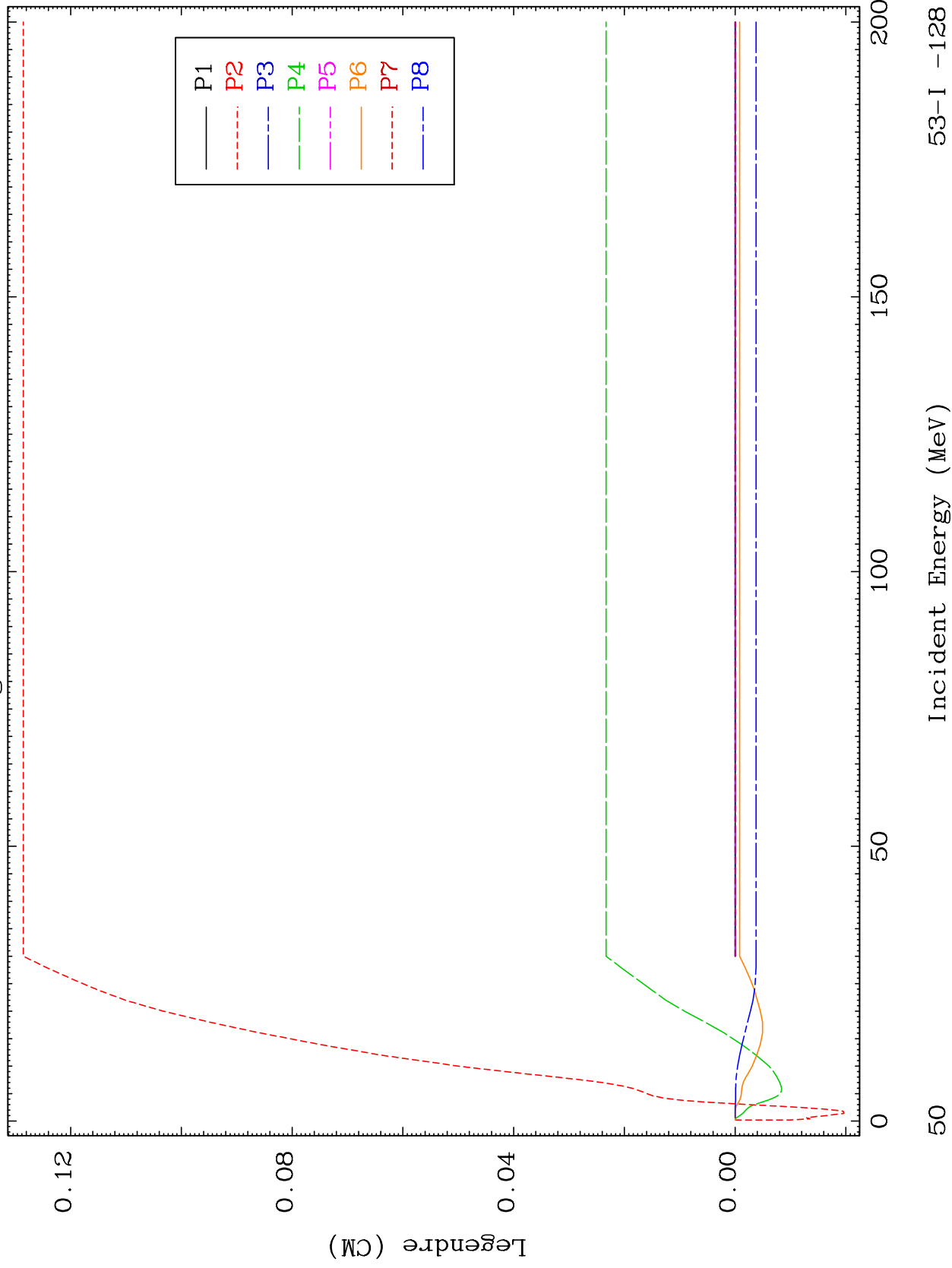
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



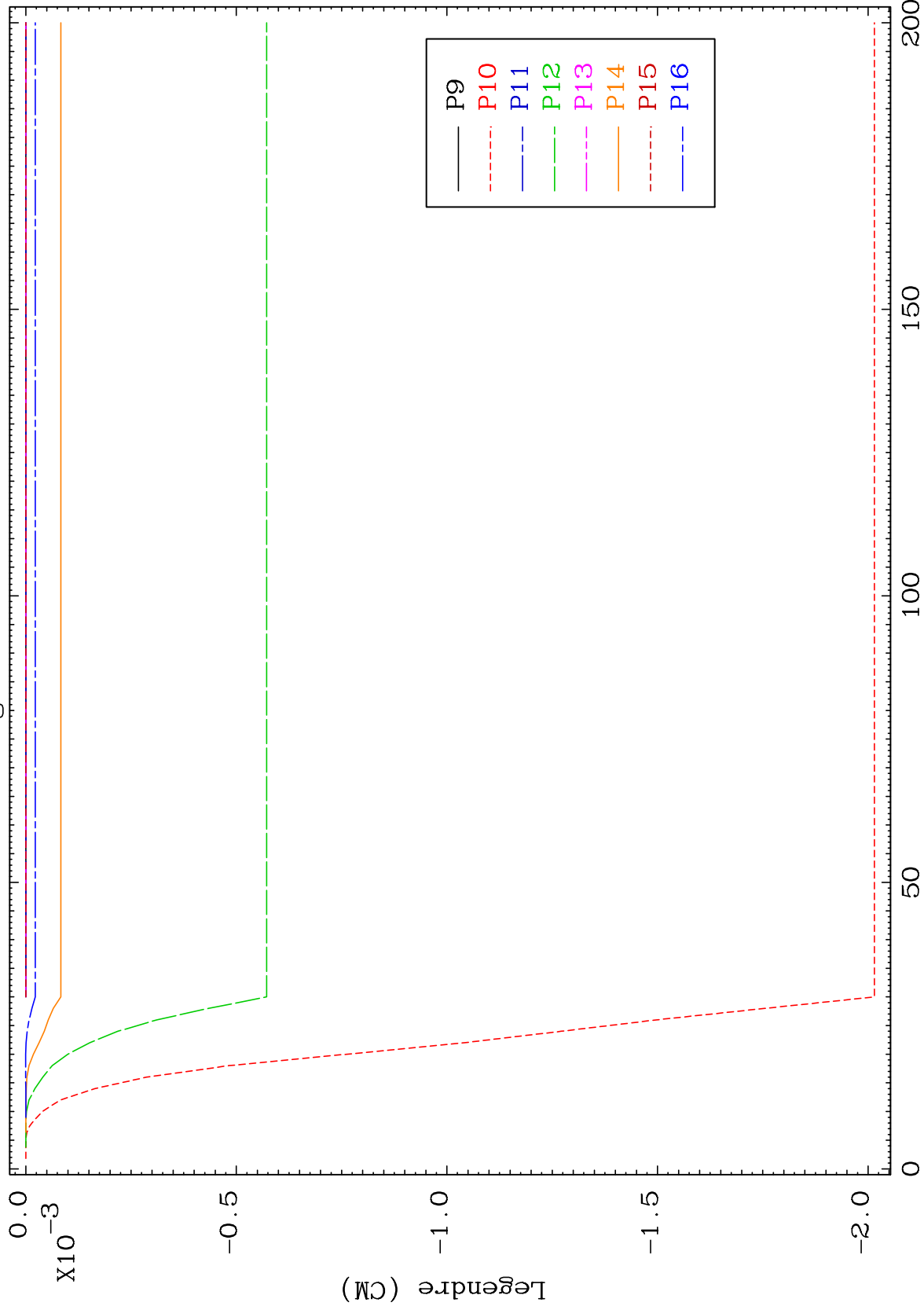
53-I -128

Incident Energy (MeV)

MAT 5328

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

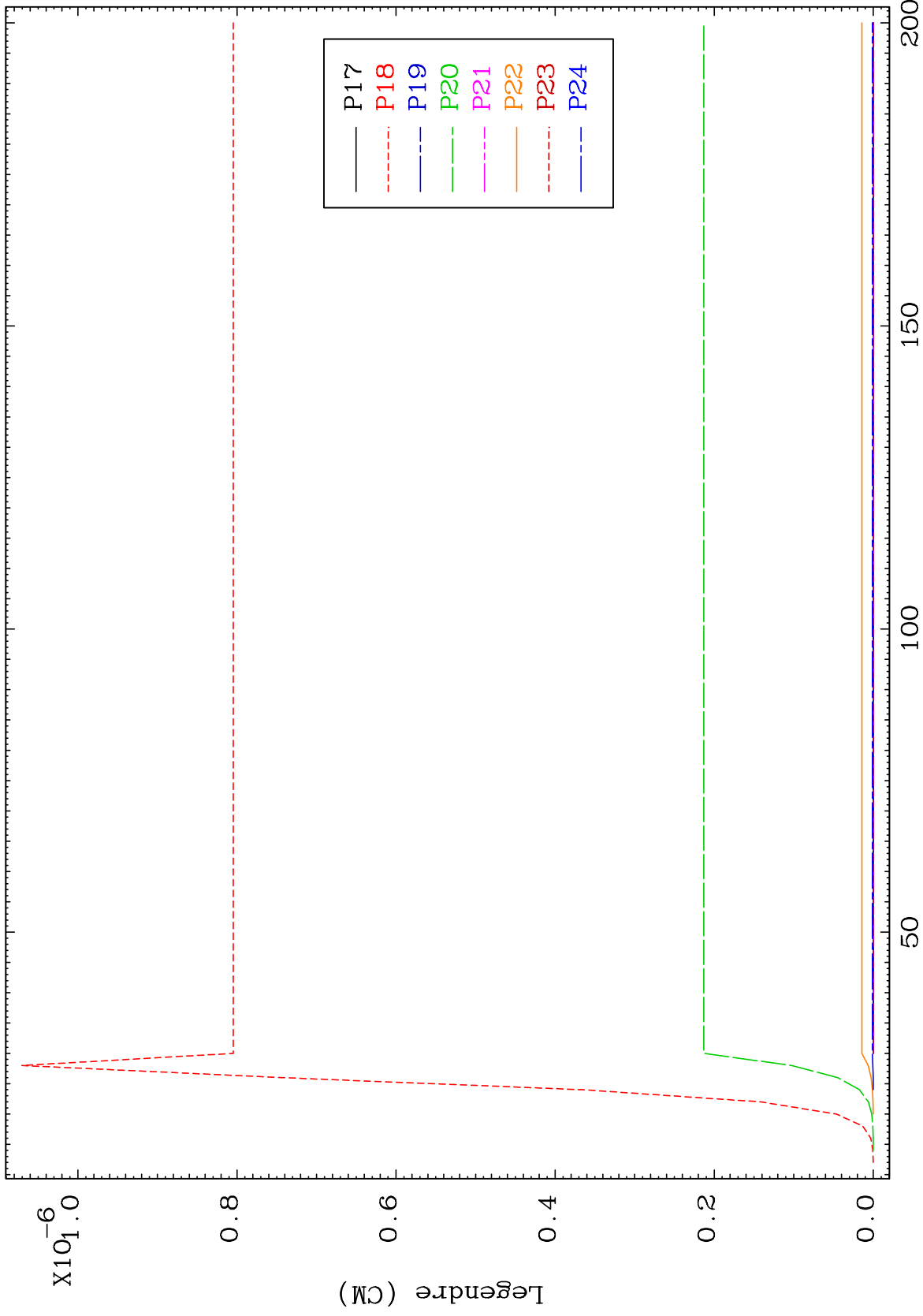
53-I -128



51

Incident Energy (MeV)

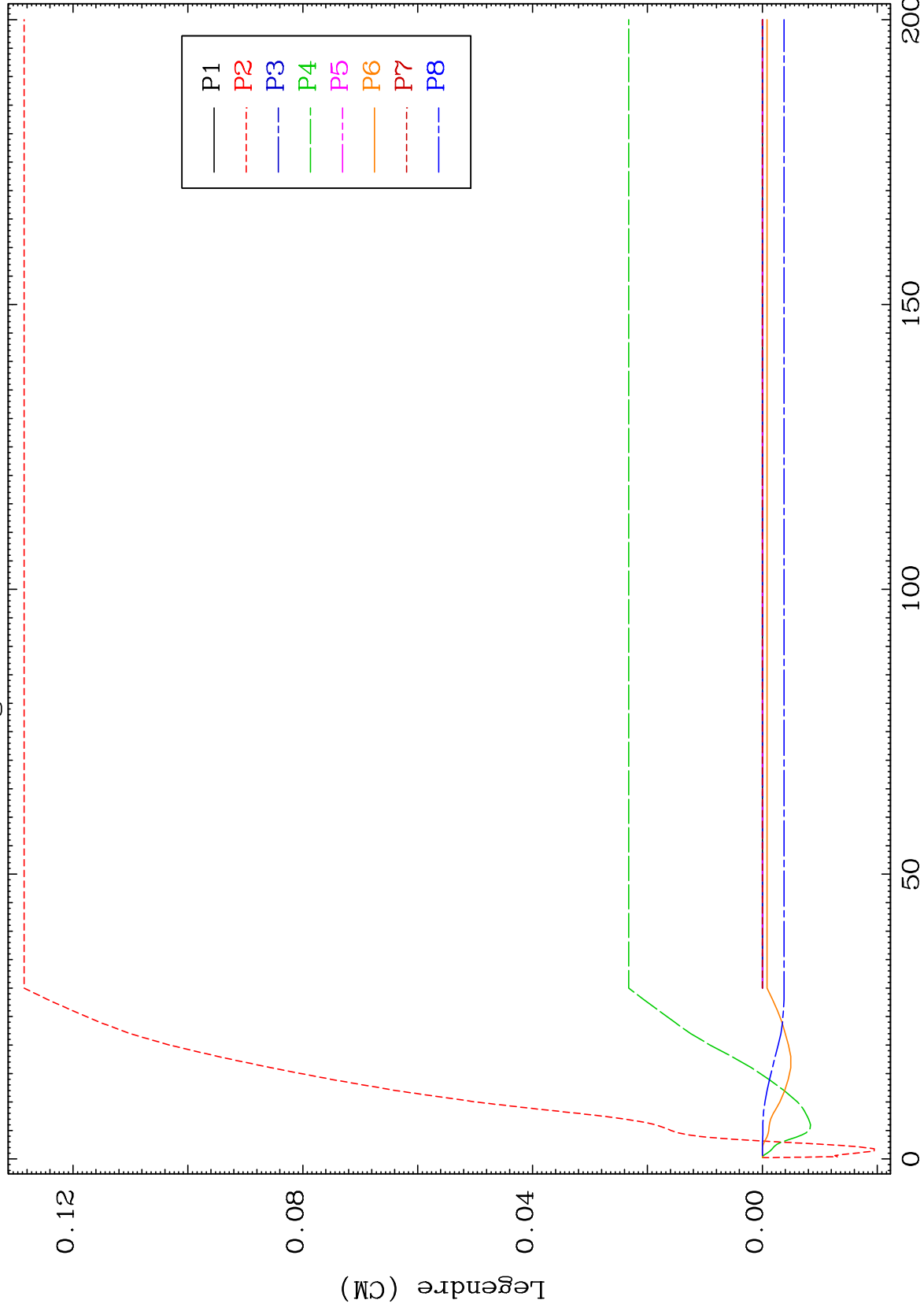
53-I -128



MAT 5328

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

53-I -128



53

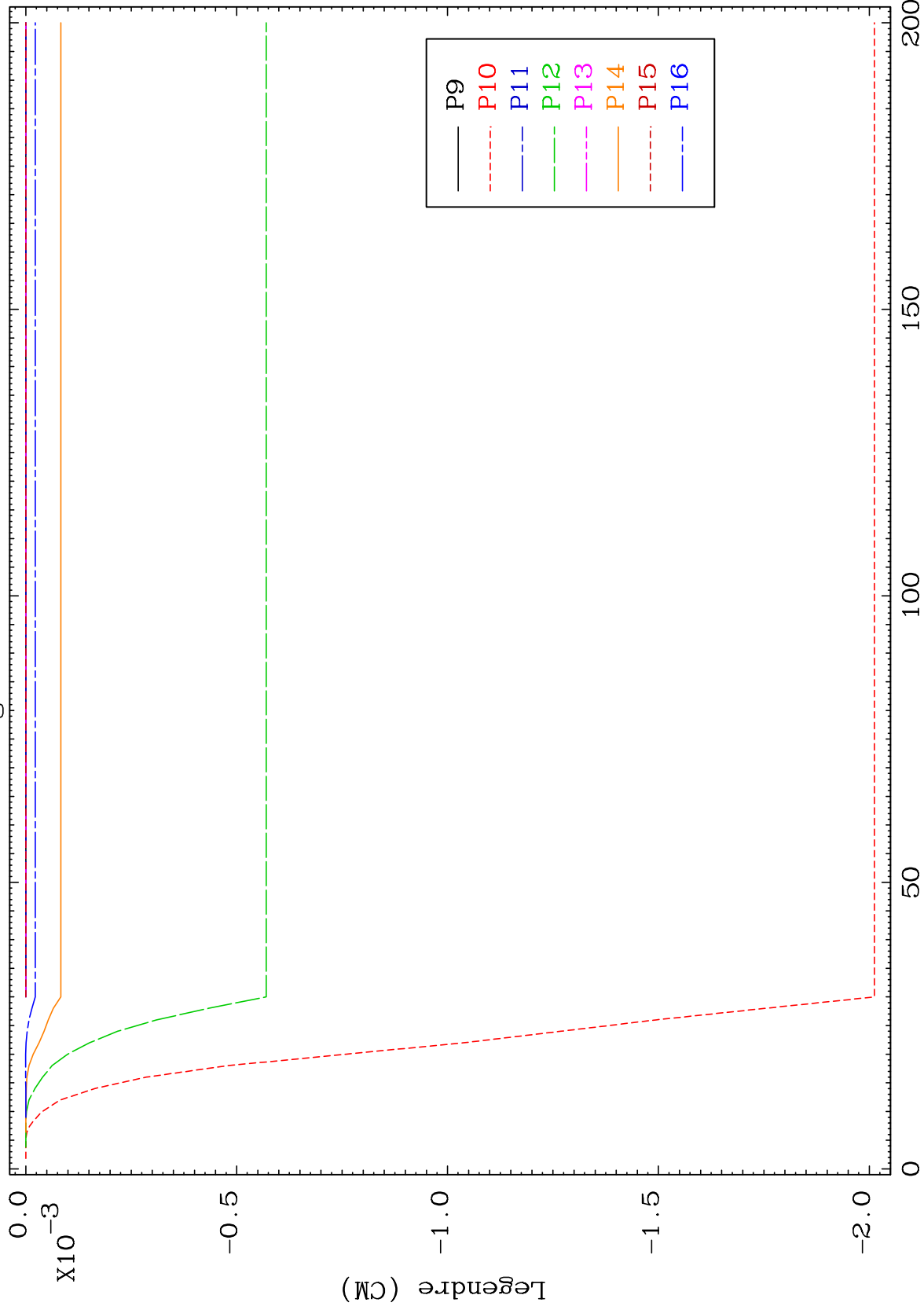
Incident Energy (MeV)

53-I -128

MAT 5328

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

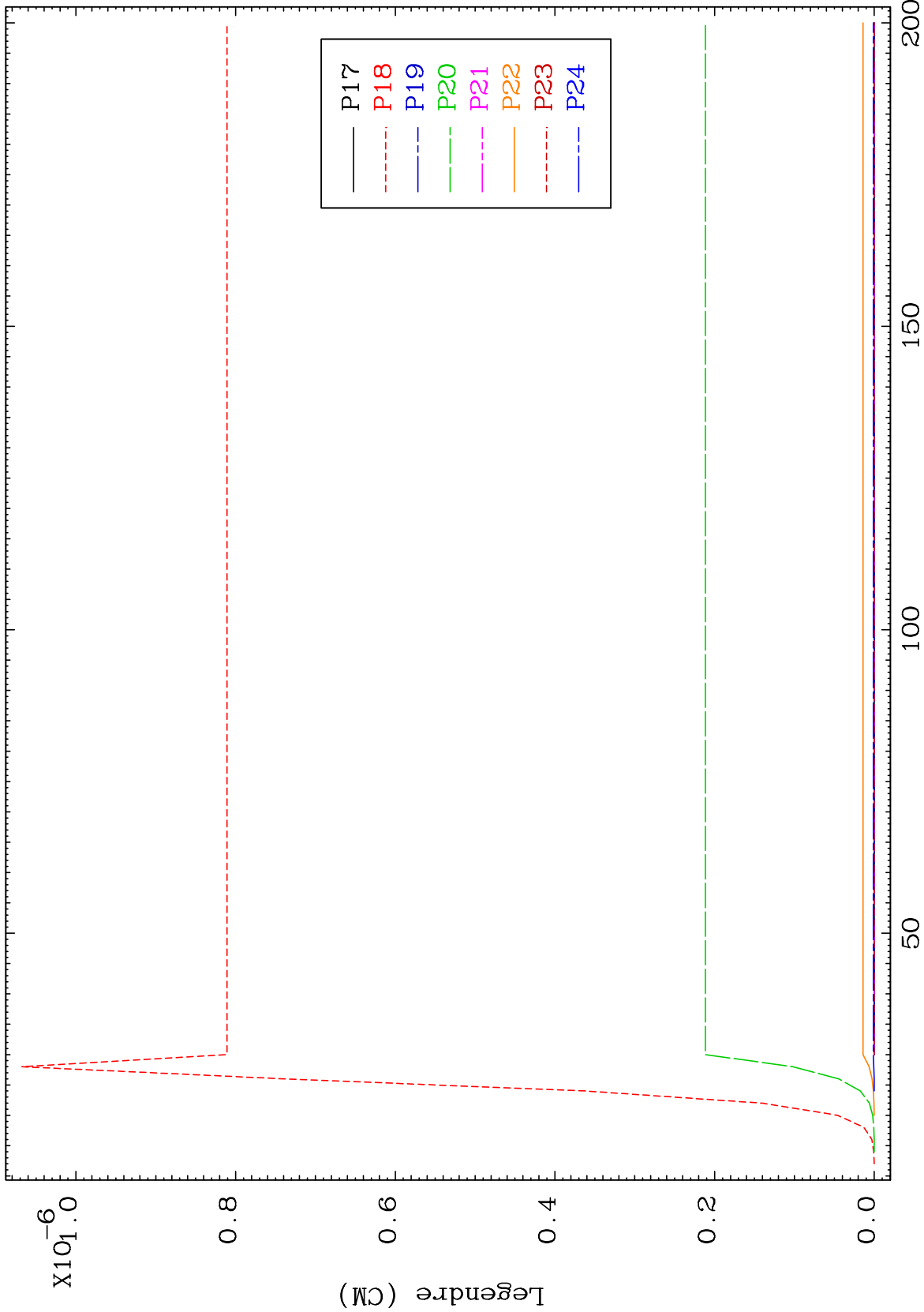
53-I -128

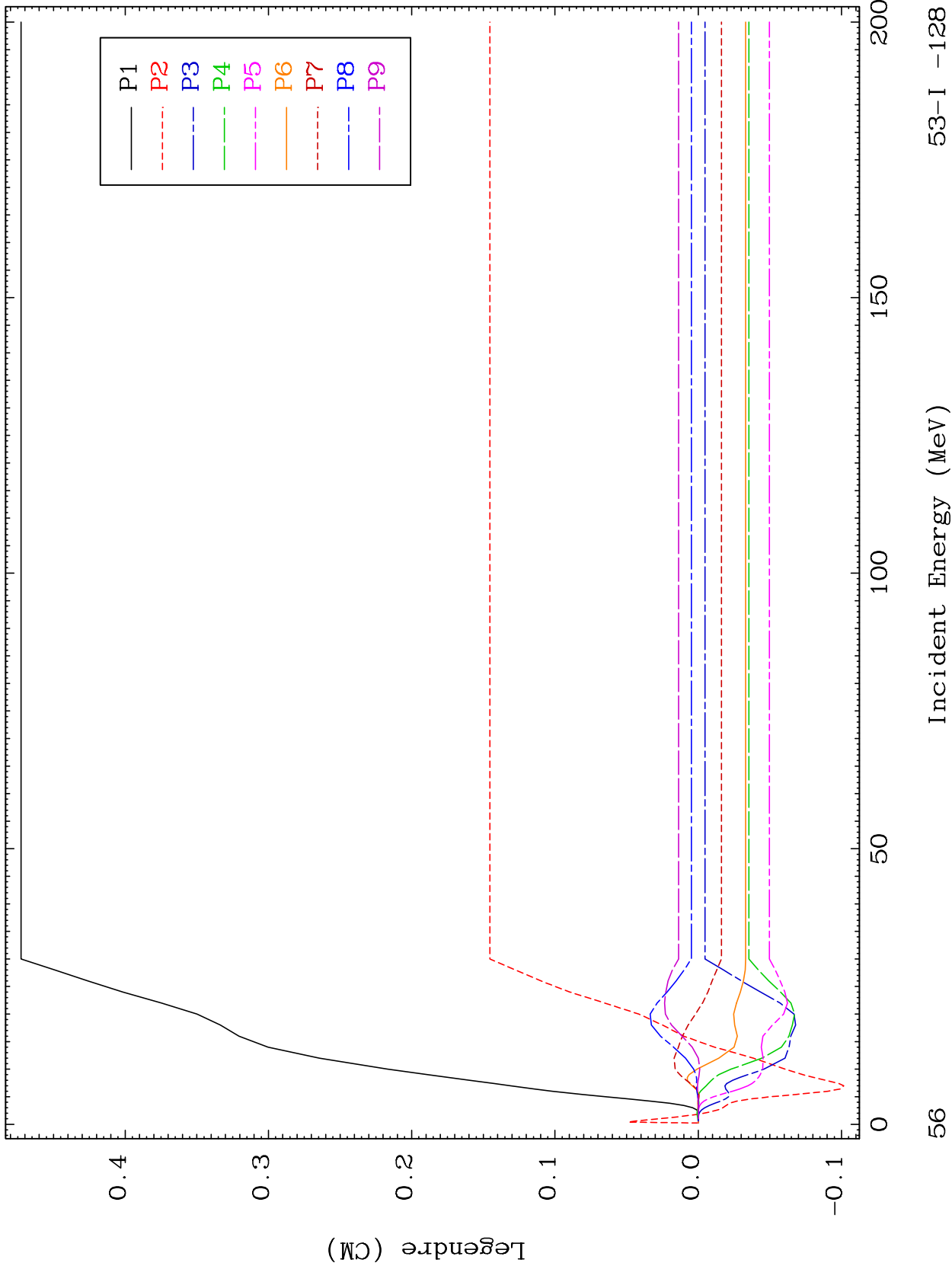


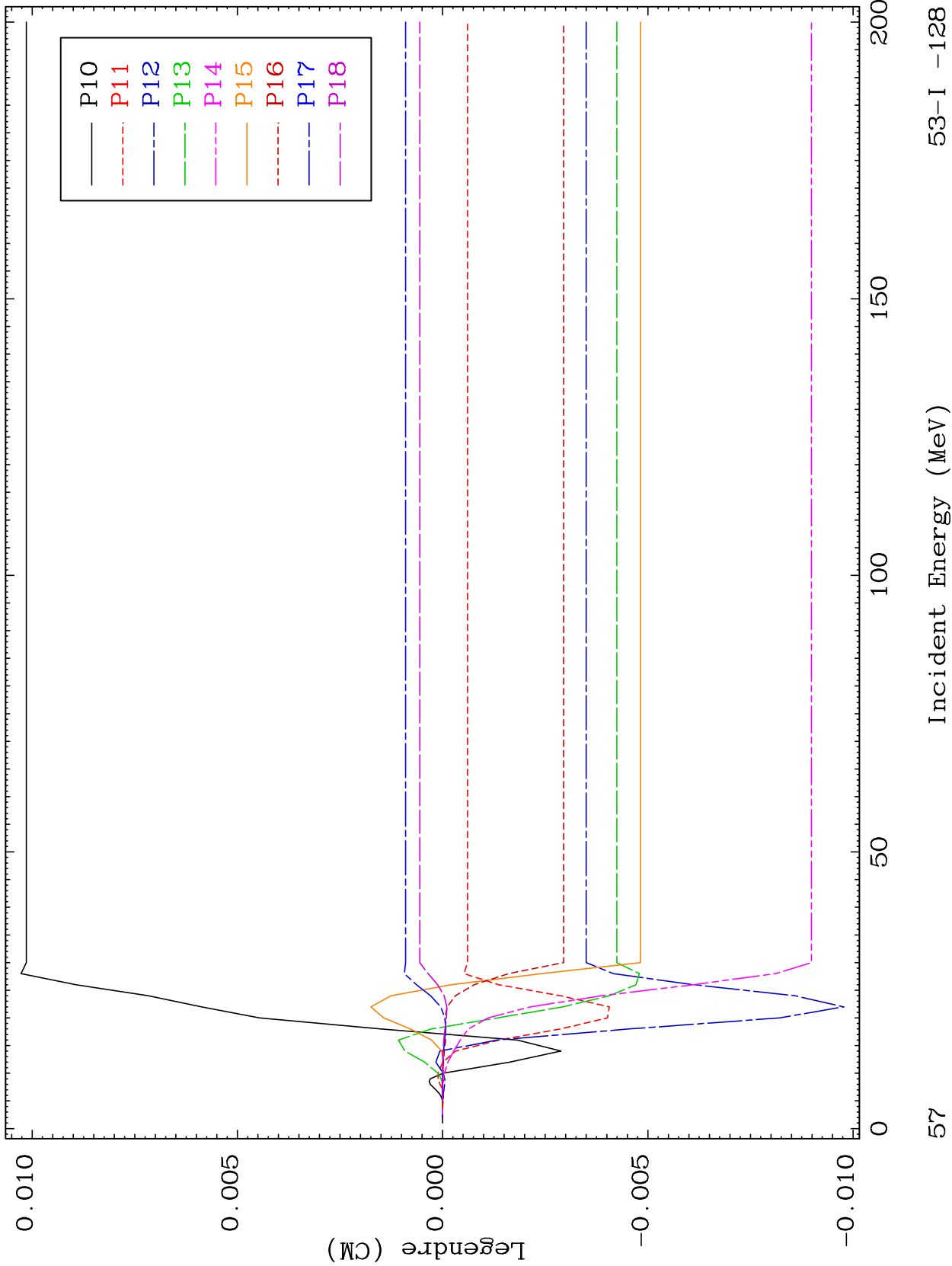
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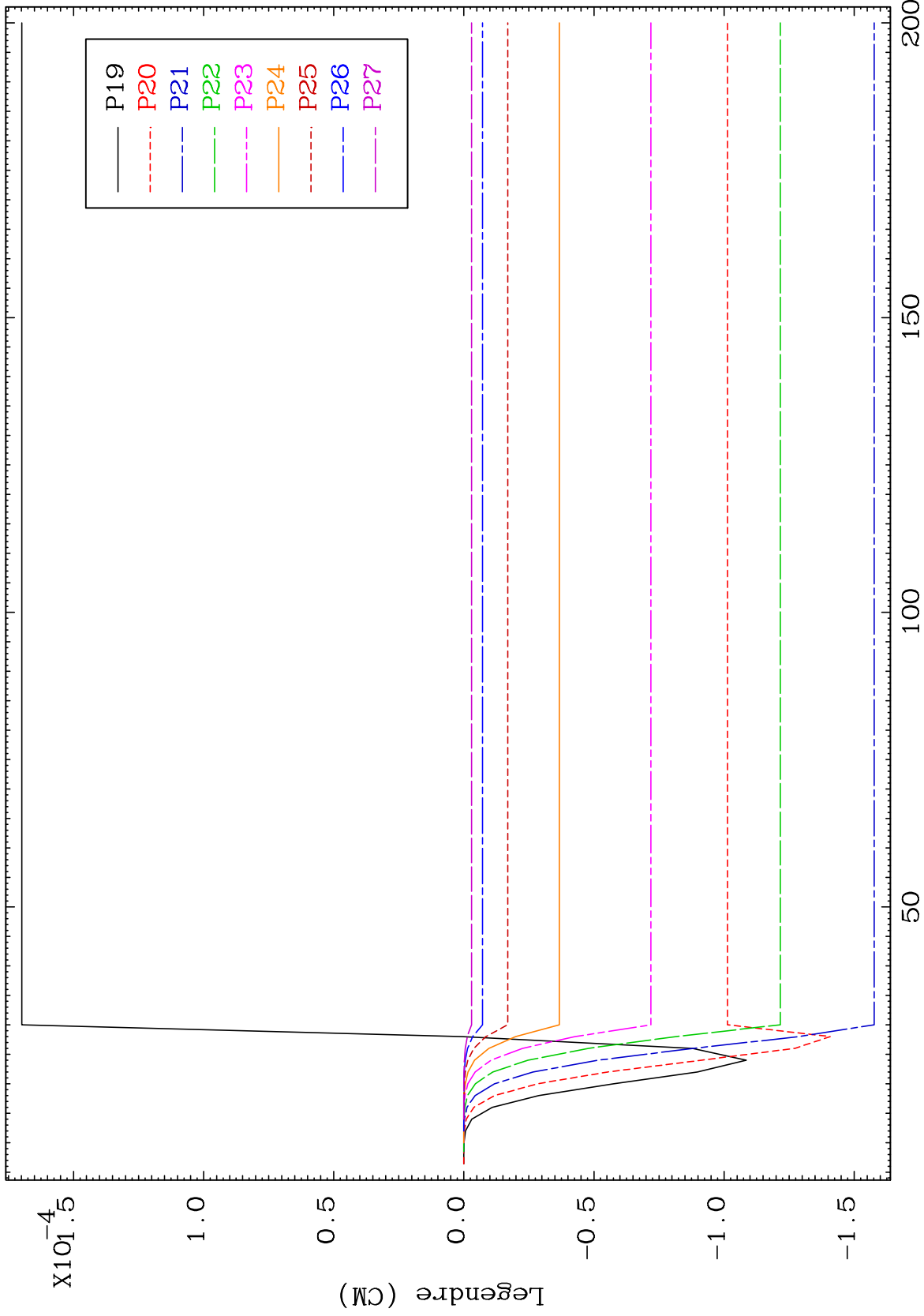
Incident Energy (MeV)

53-I -128





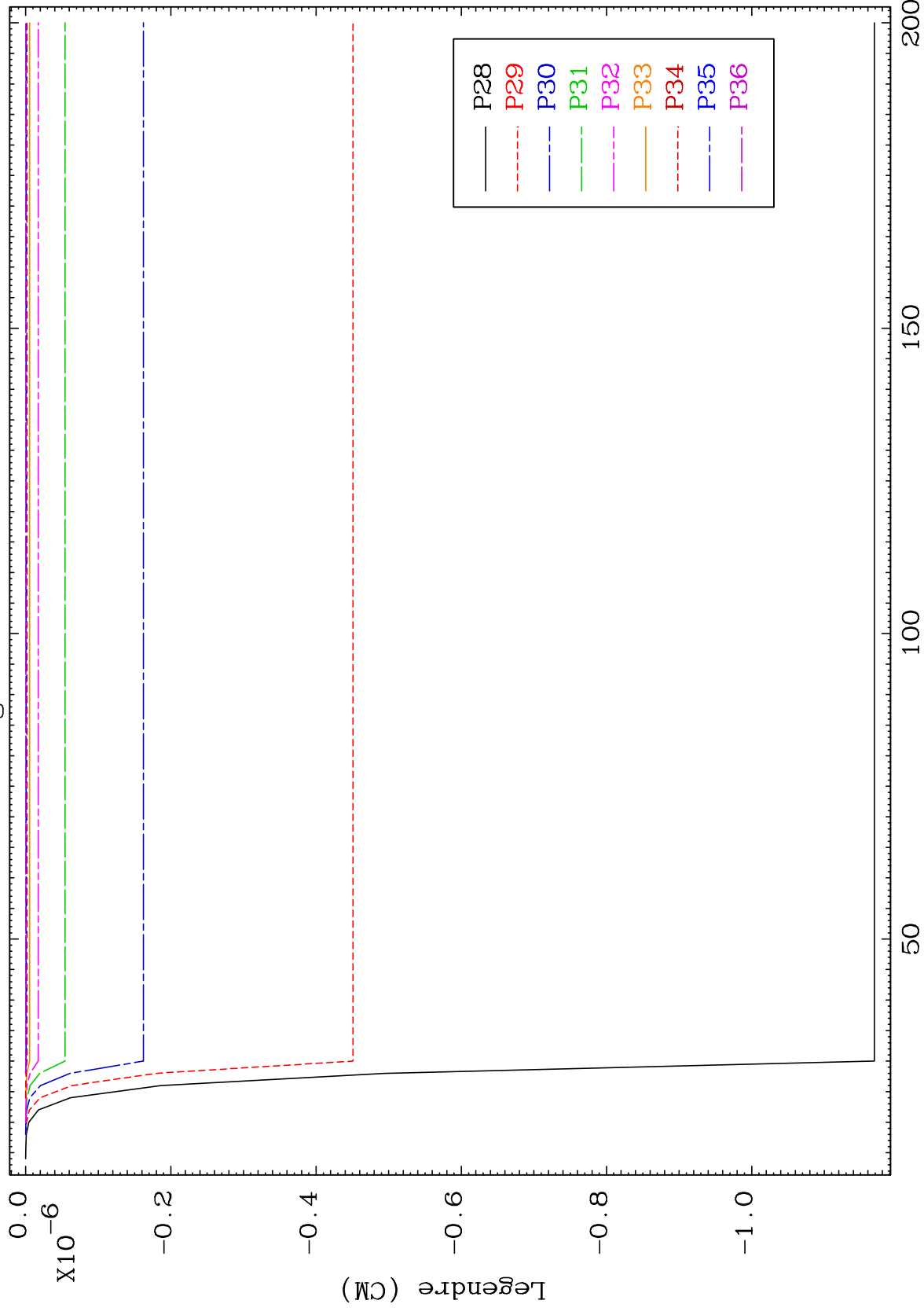




MAT 5328

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

53-I -128



59

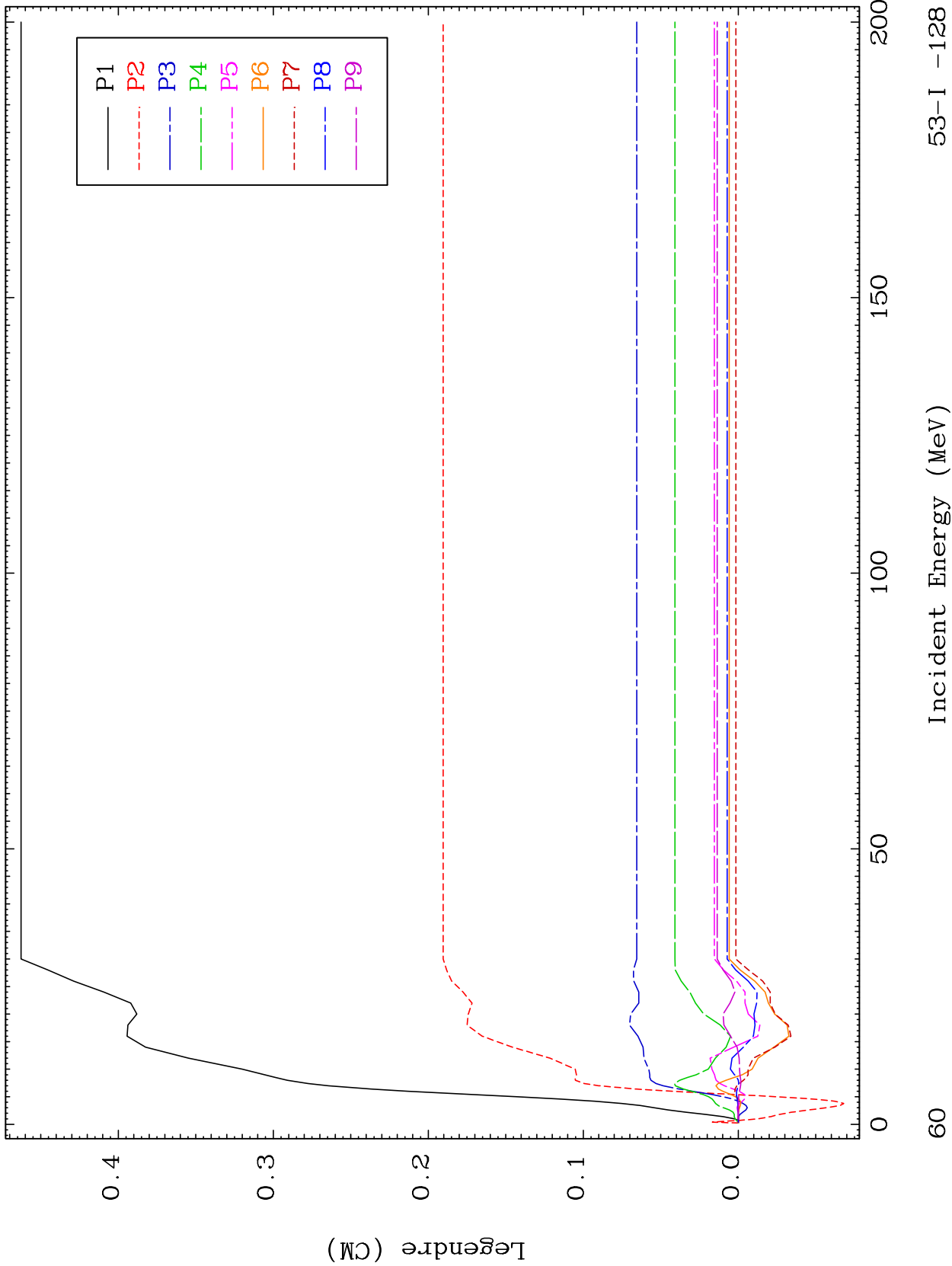
Incident Energy (MeV)

53-I -128

MAT 5328

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

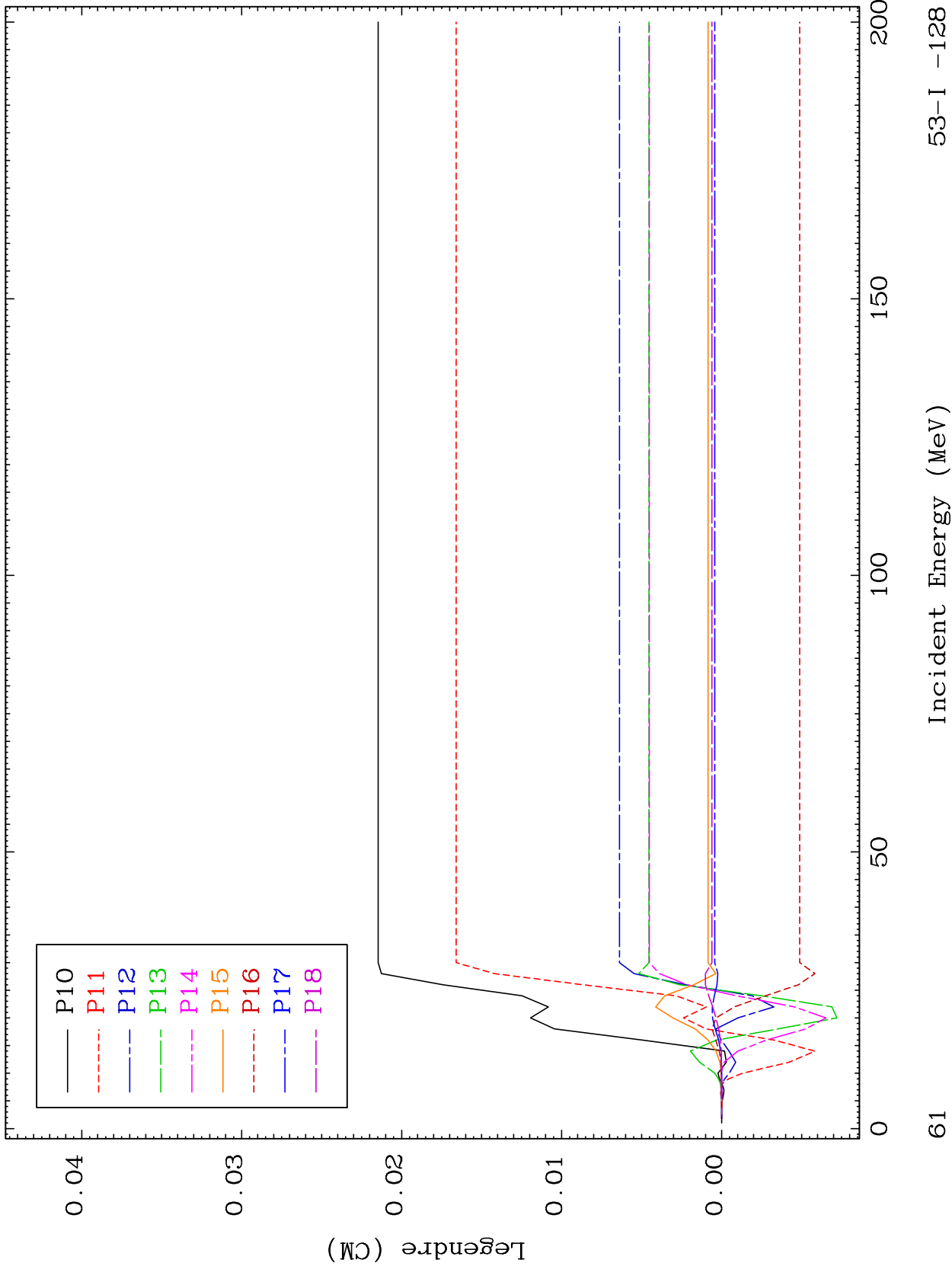
53-I -128

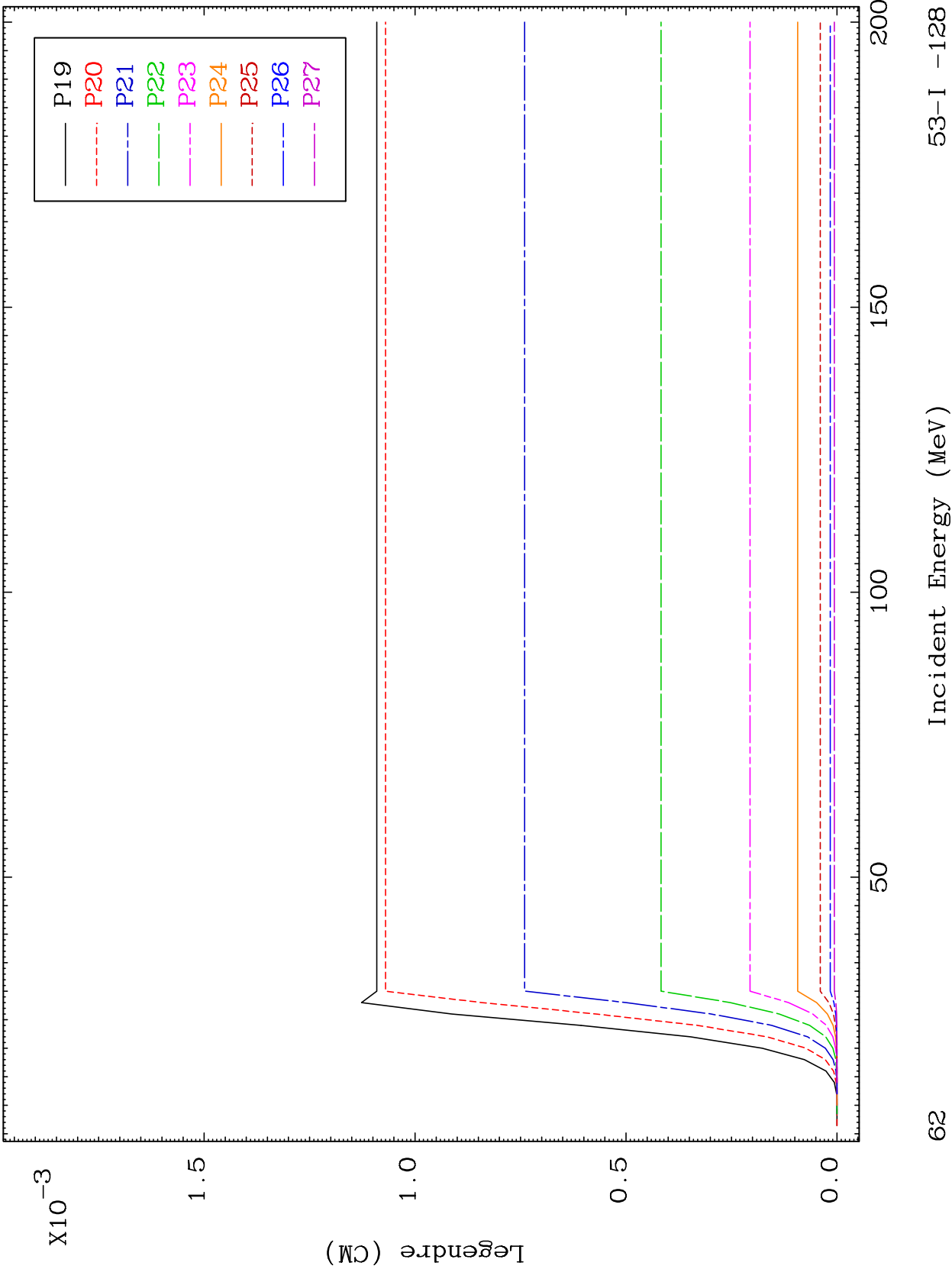


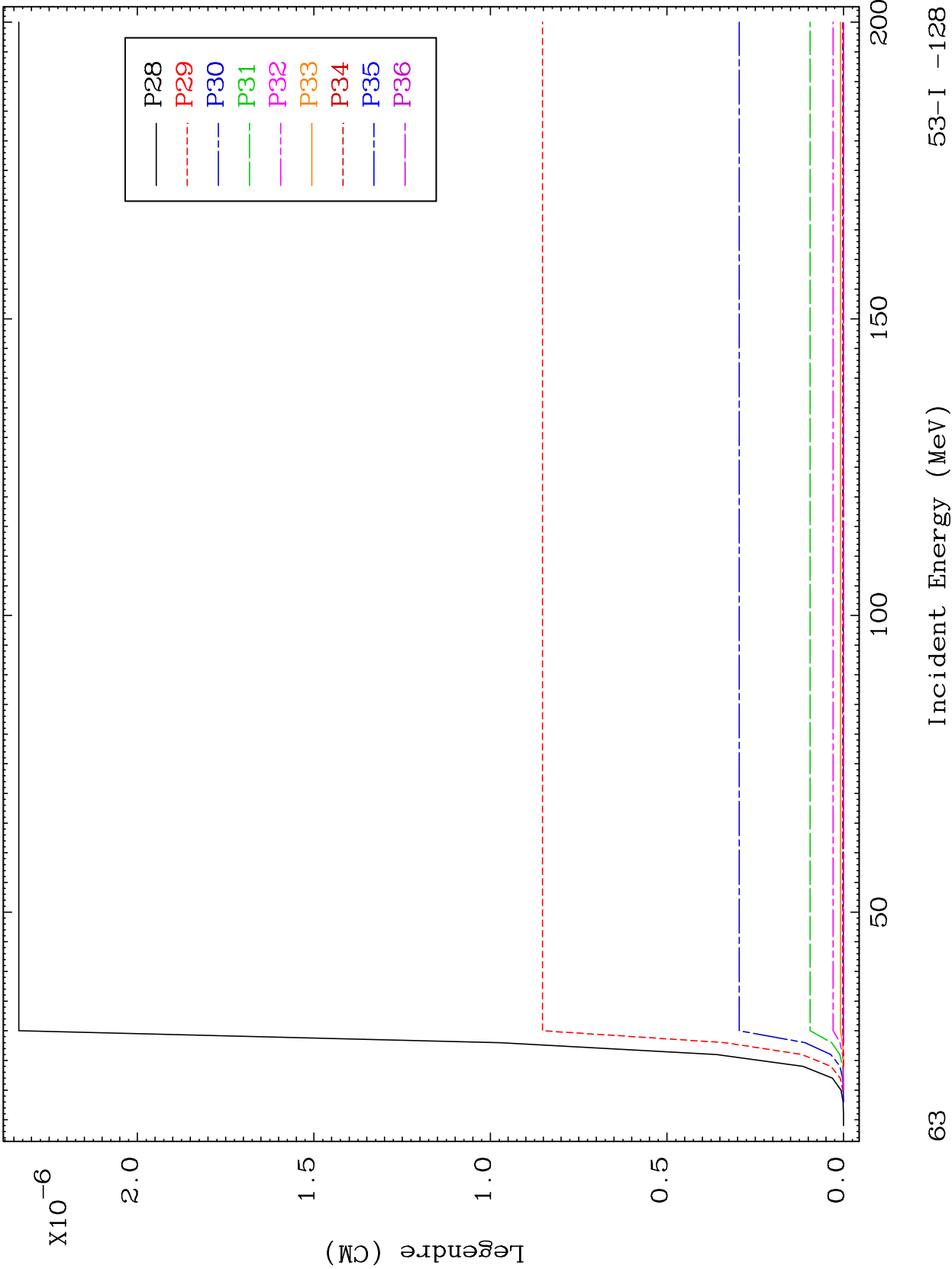
53-I -128

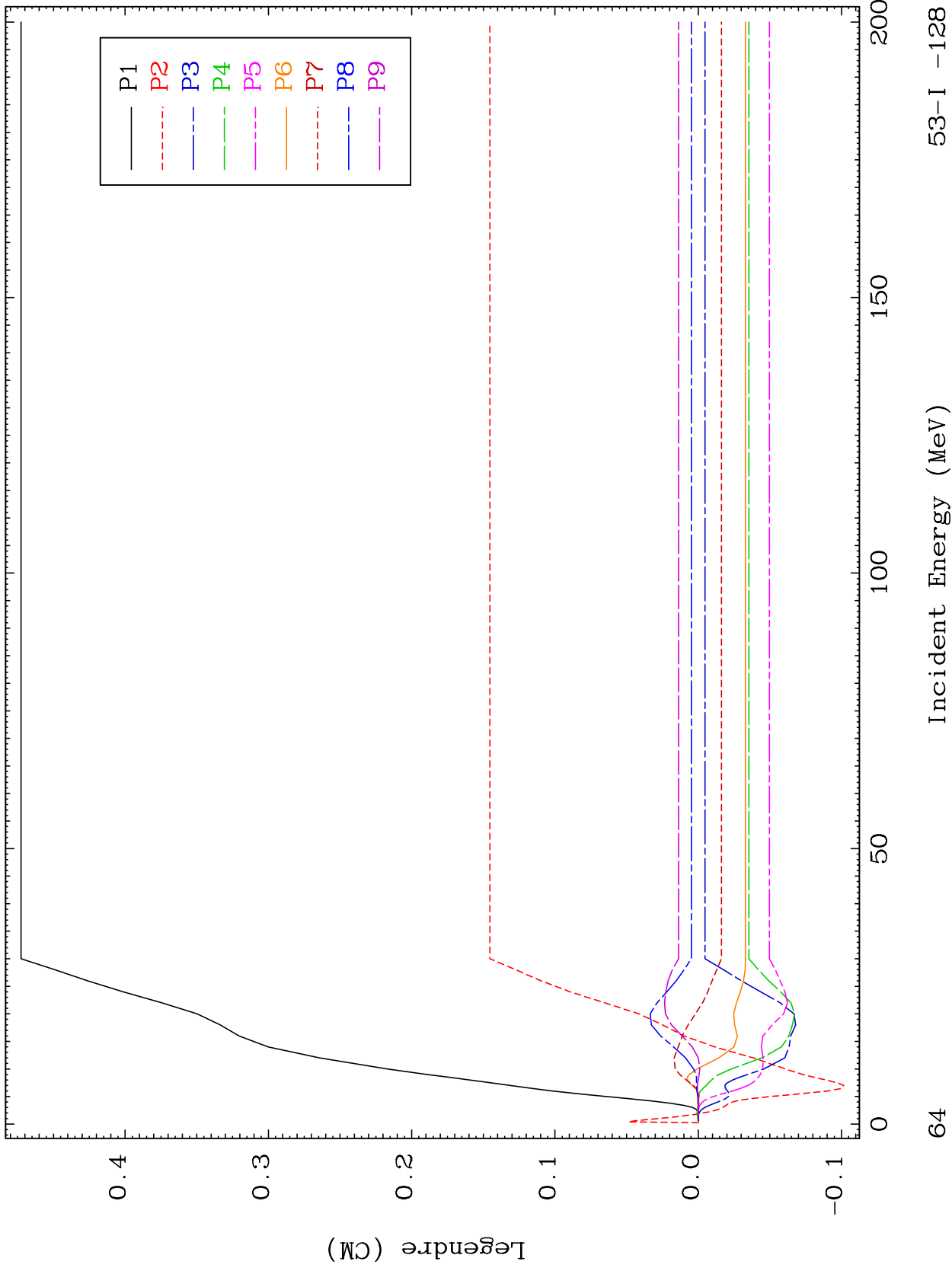
Incident Energy (MeV)

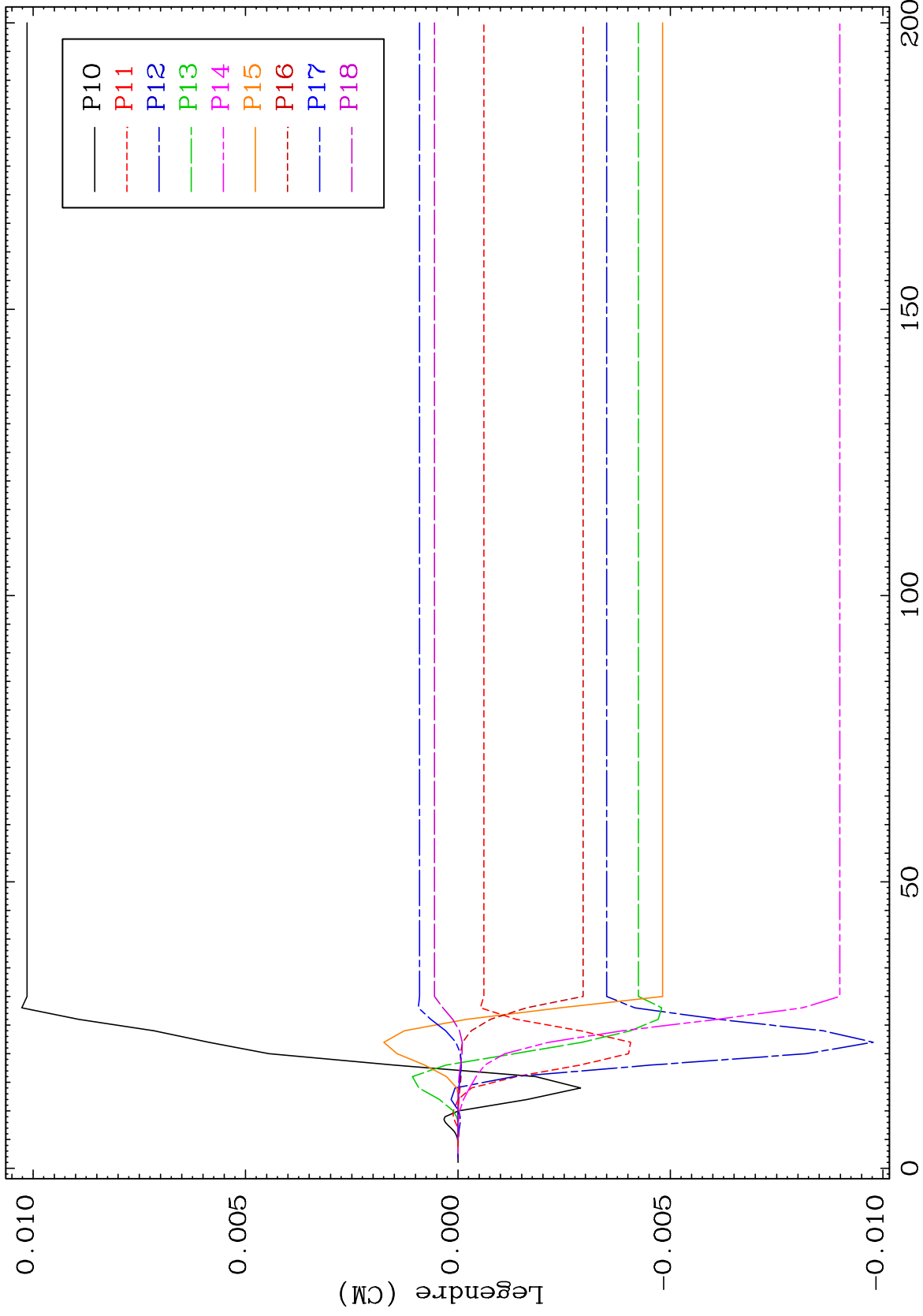
60

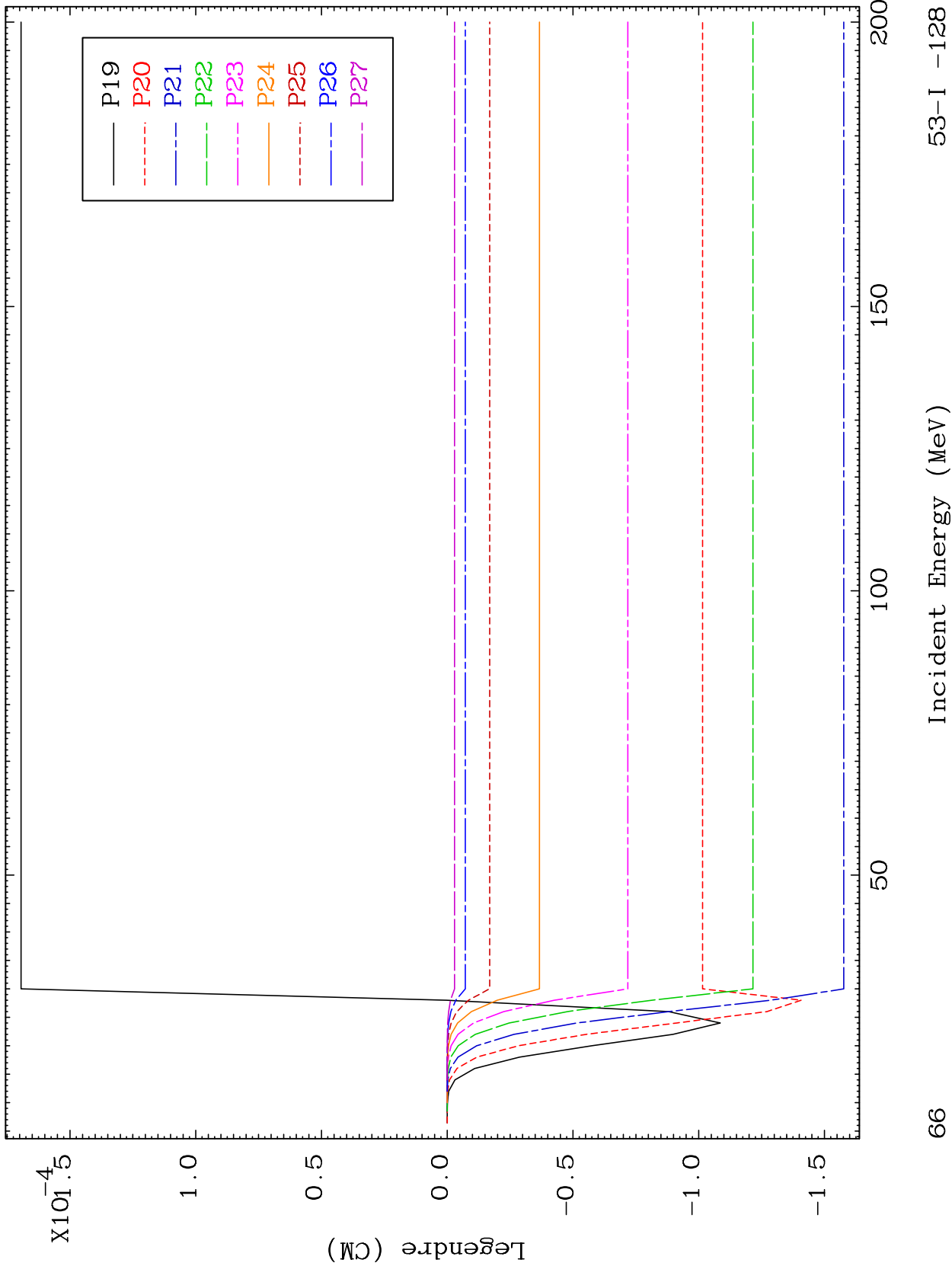








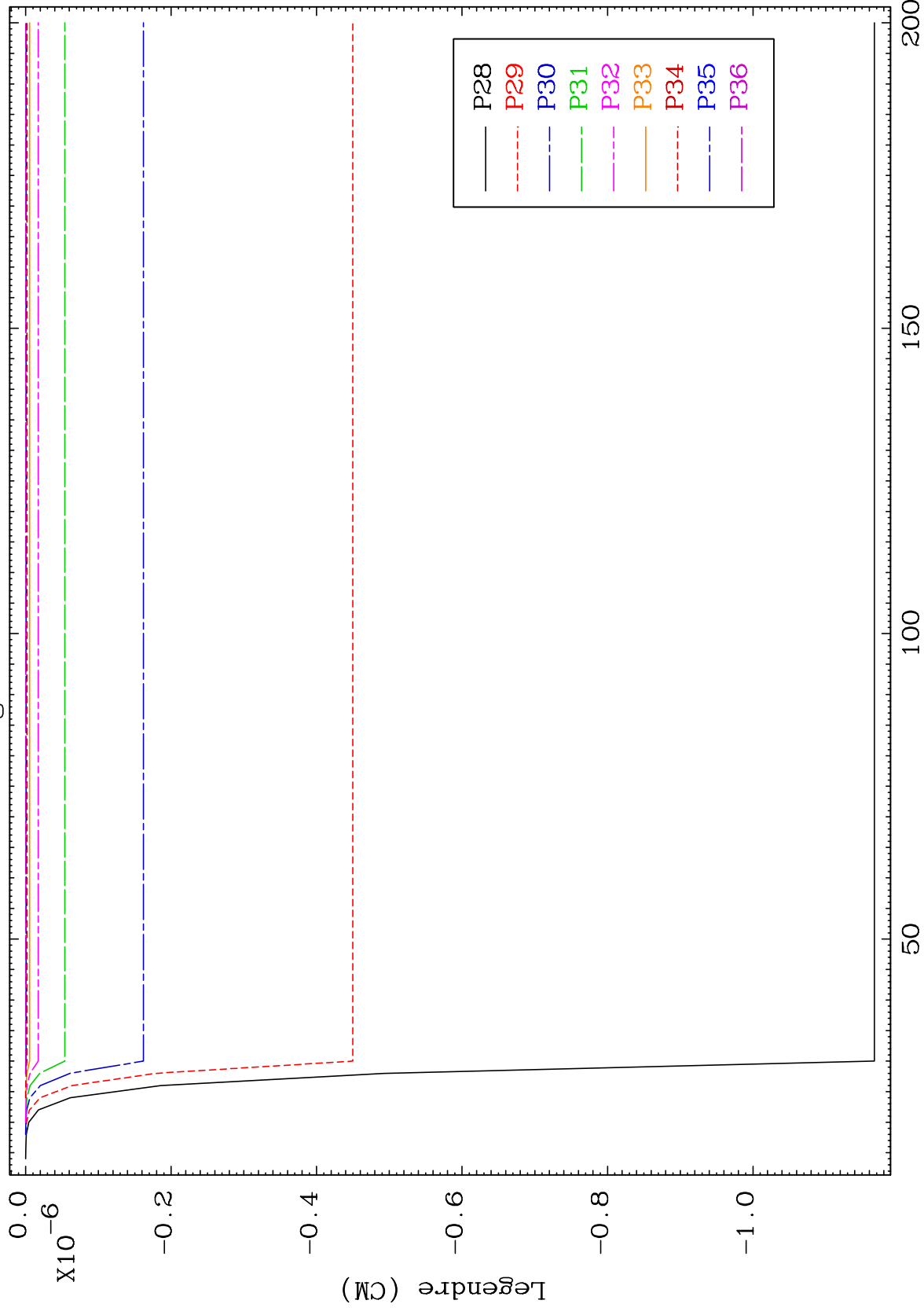




MAT 5328

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

53-I -128



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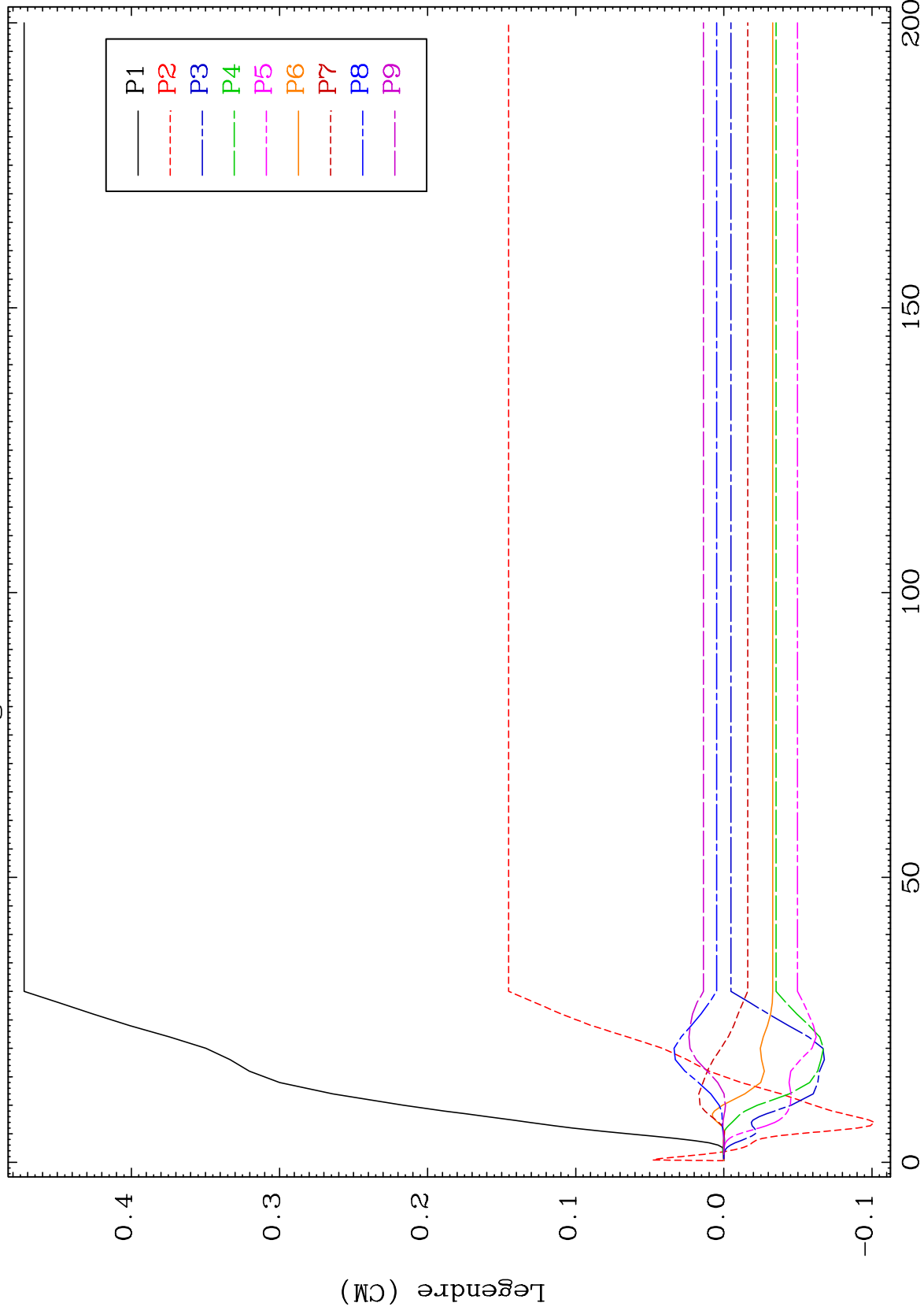
Incident Energy (MeV)

53-I -128

MAT 5328

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

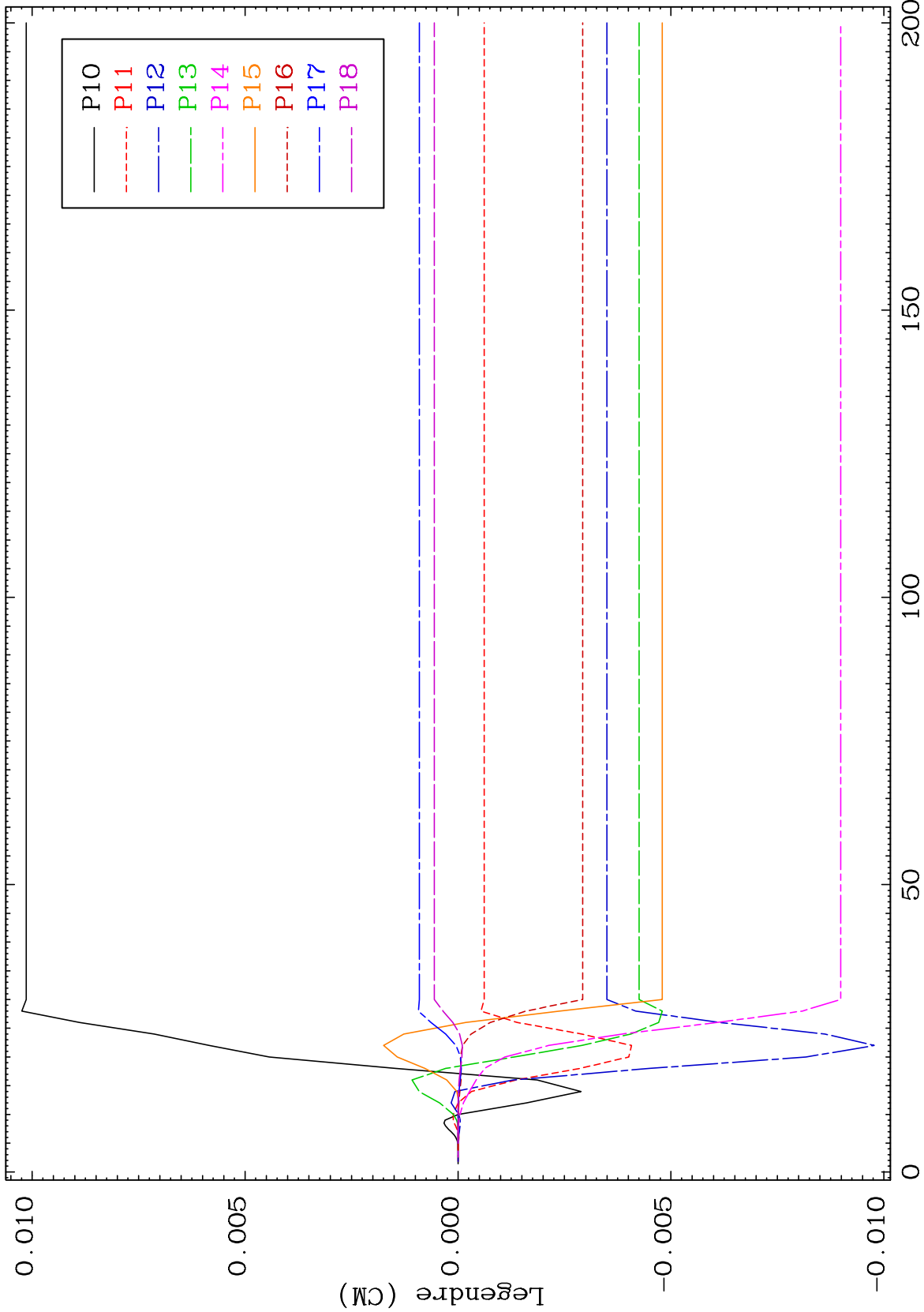
53-I -128

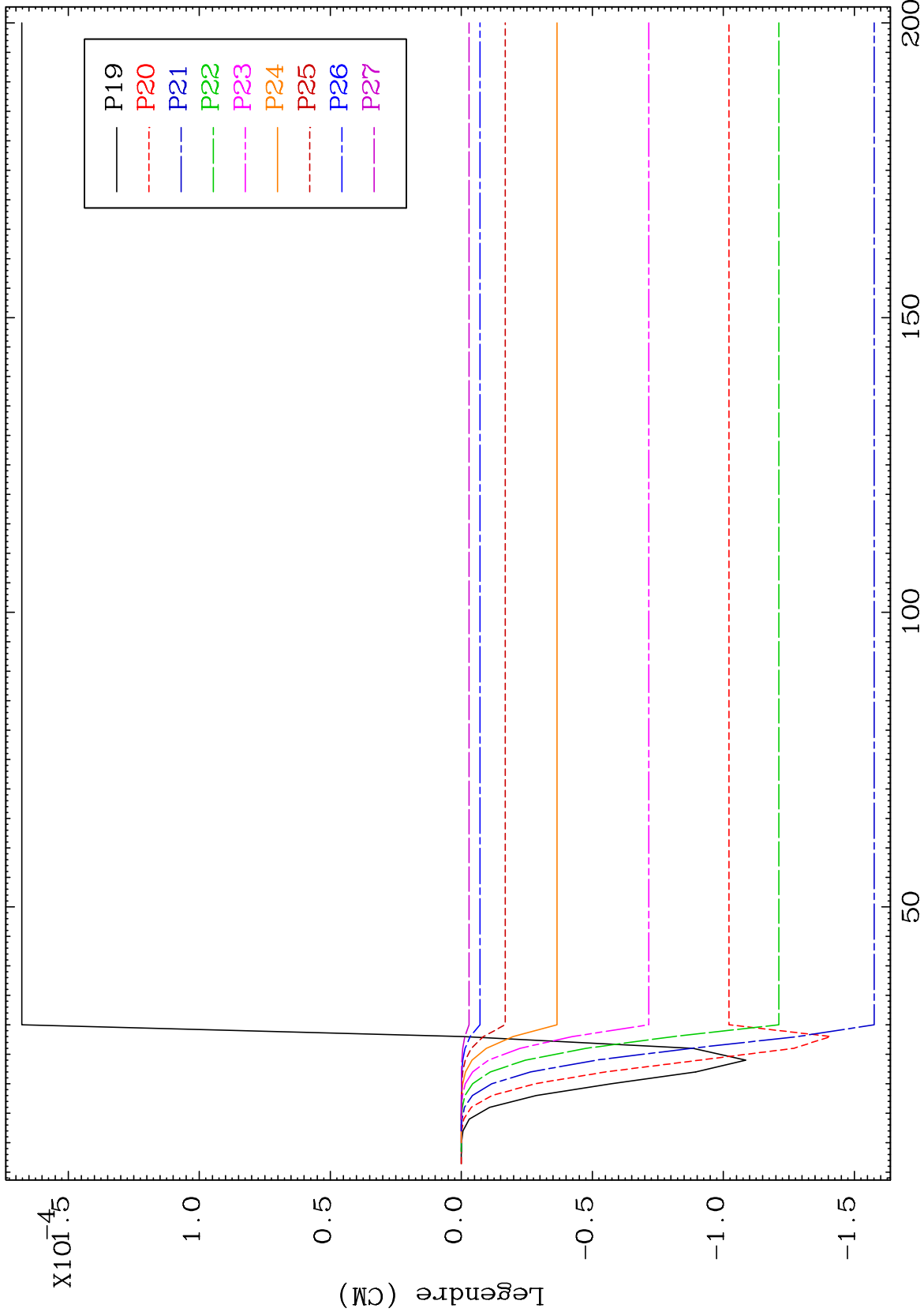


68

Incident Energy (MeV)

53-I -128

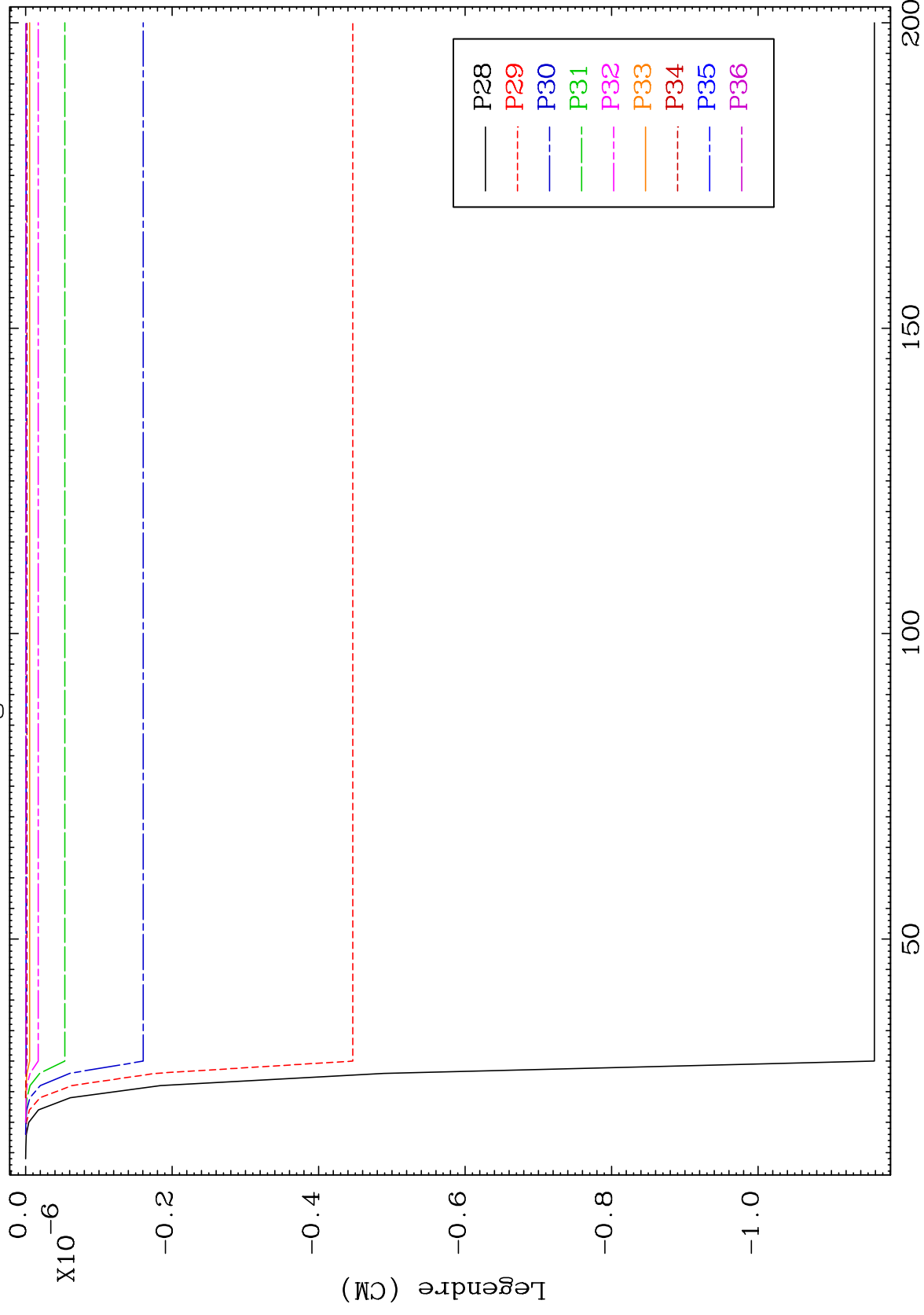




MAT 5328

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

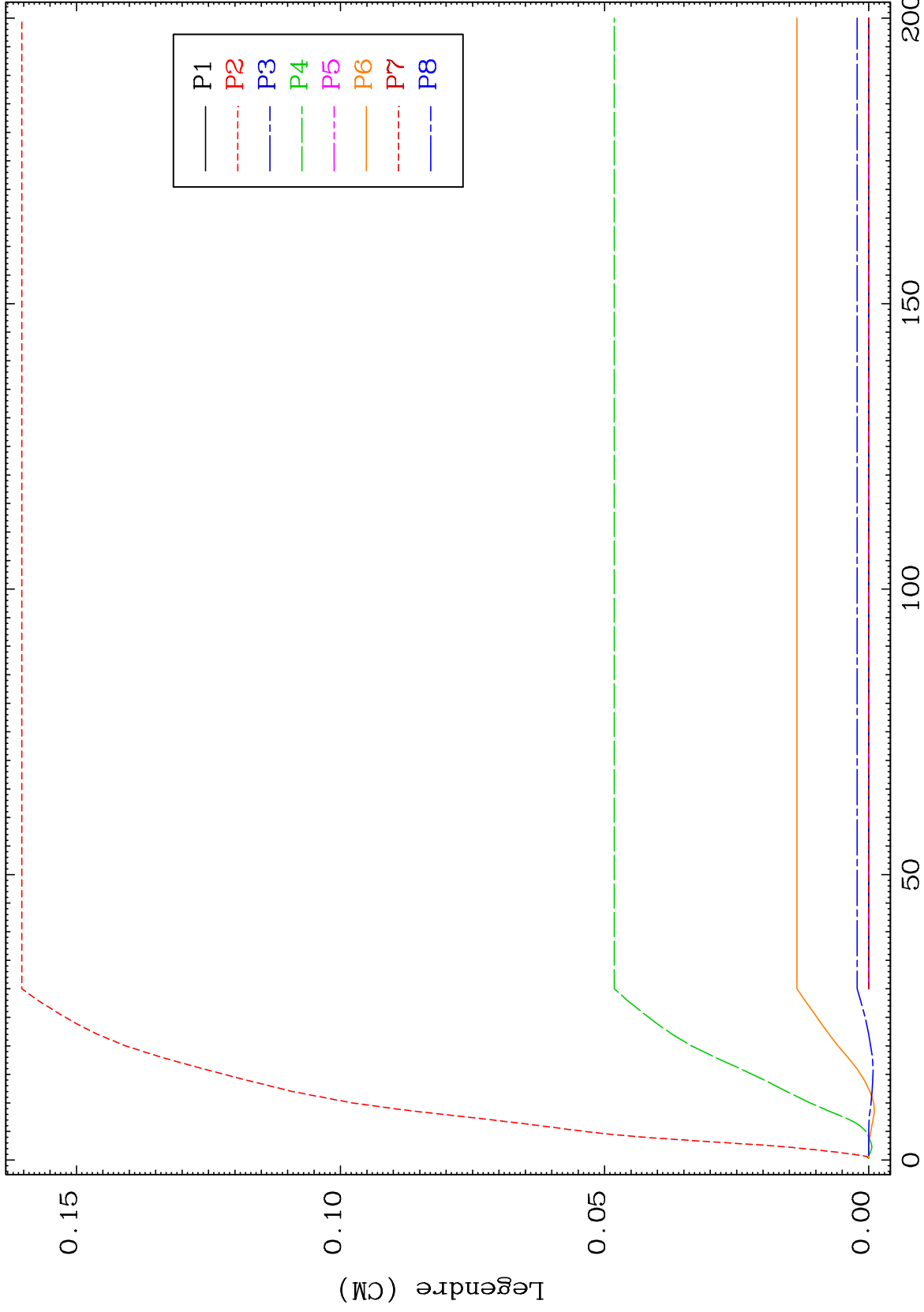
53-I -128



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Incident Energy (MeV)

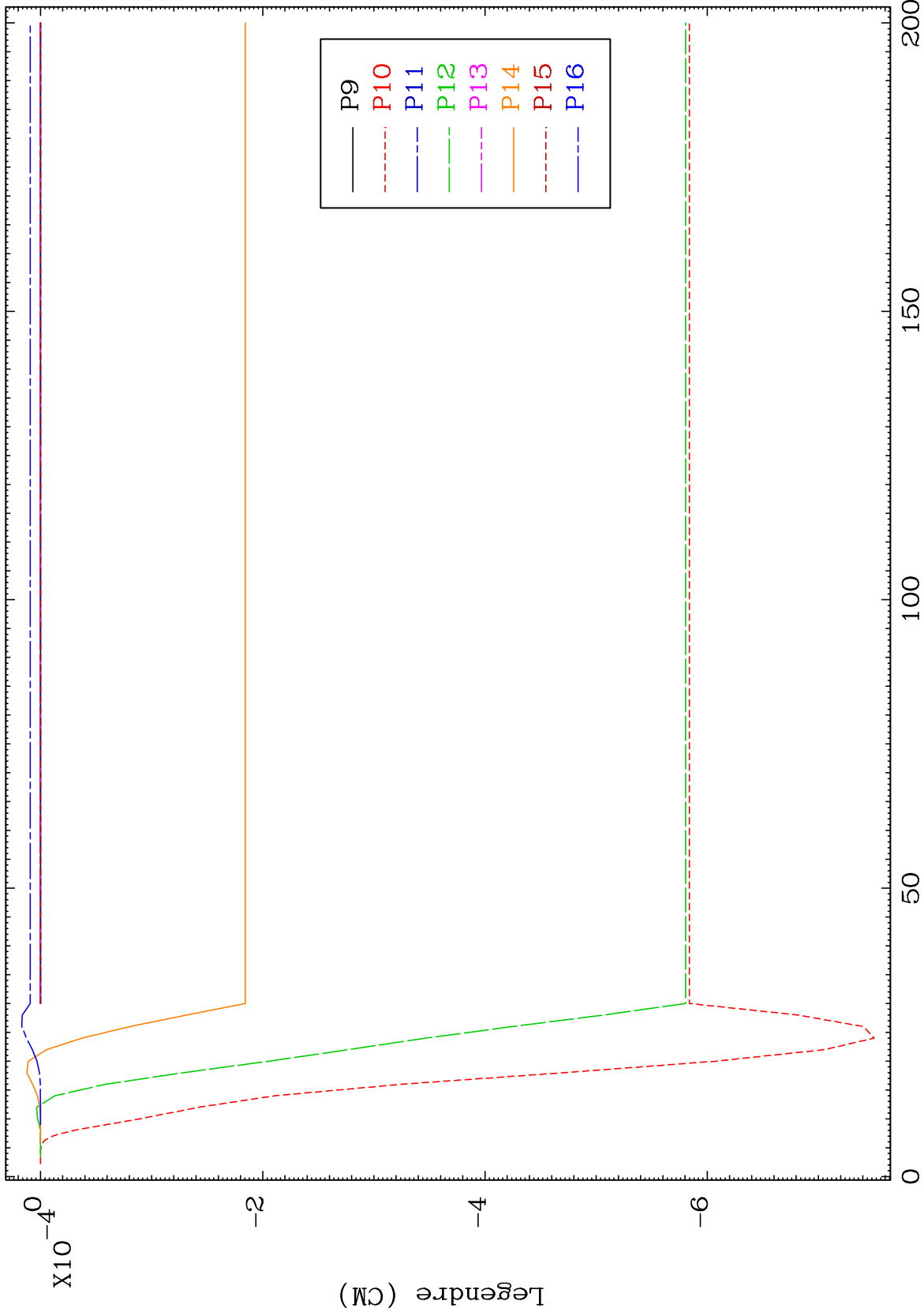
53-I -128



MAT 5328

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

53-I -128



73

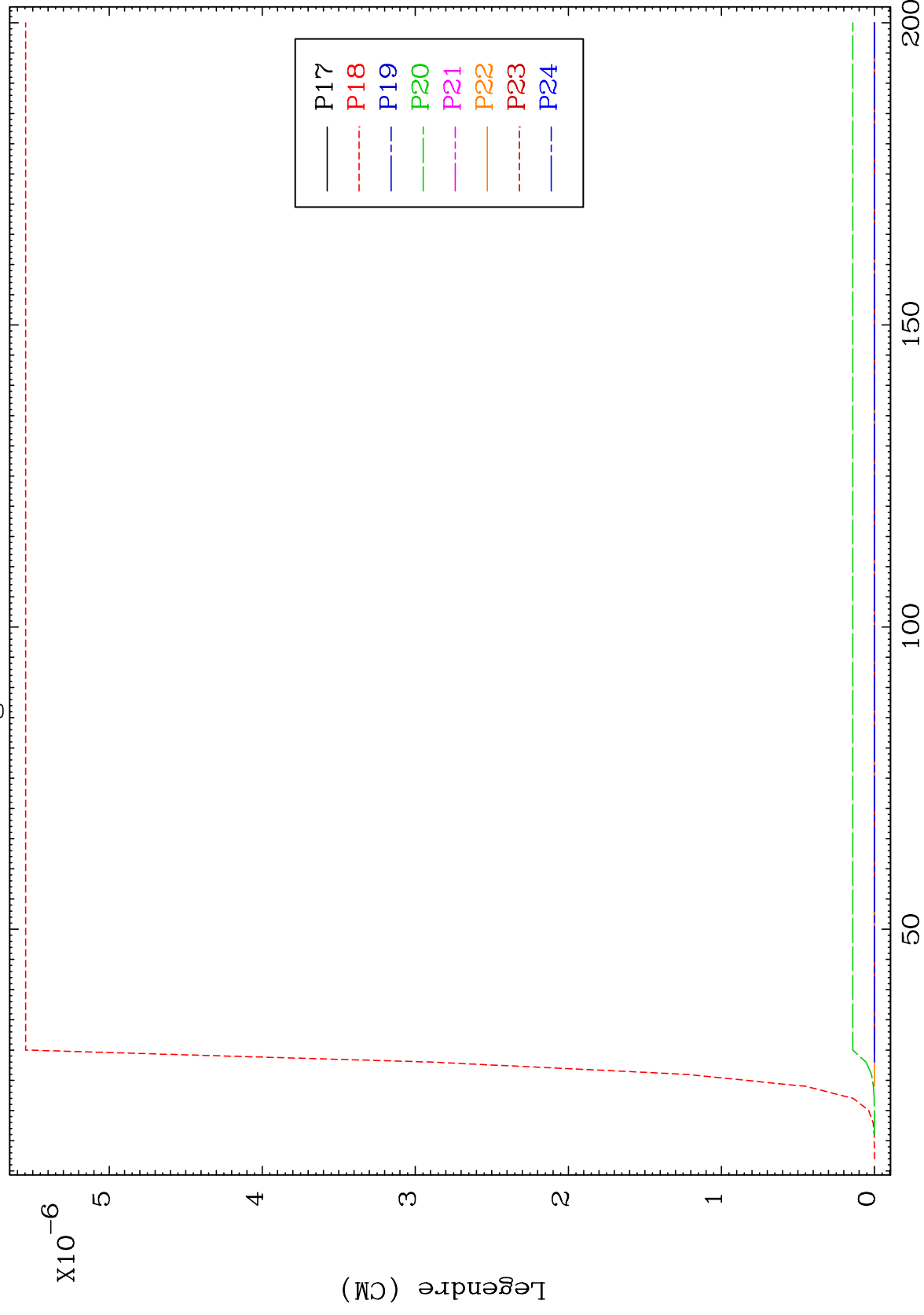
Incident Energy (MeV)

53-I -128

MAT 5328

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

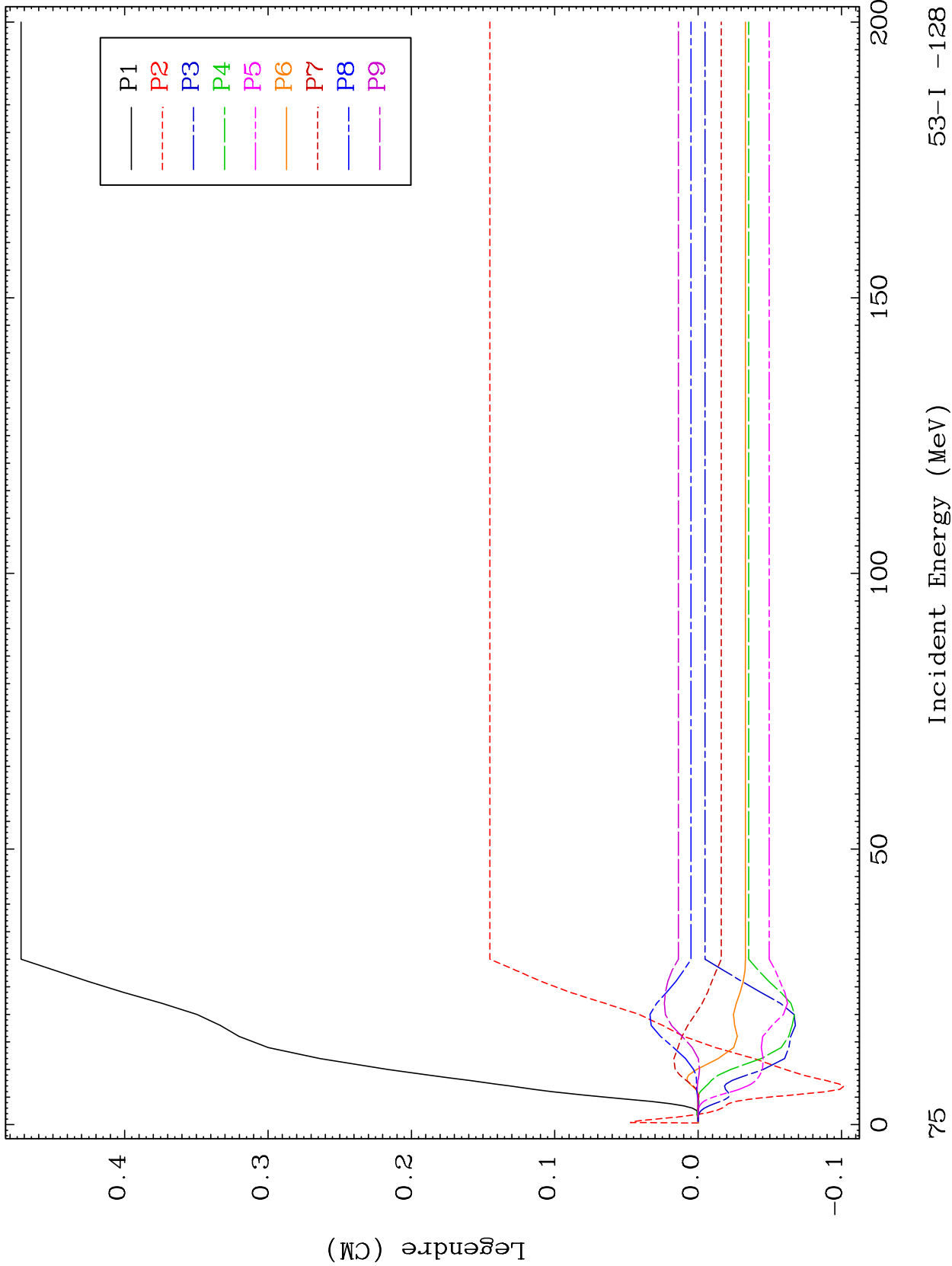
53-I -128

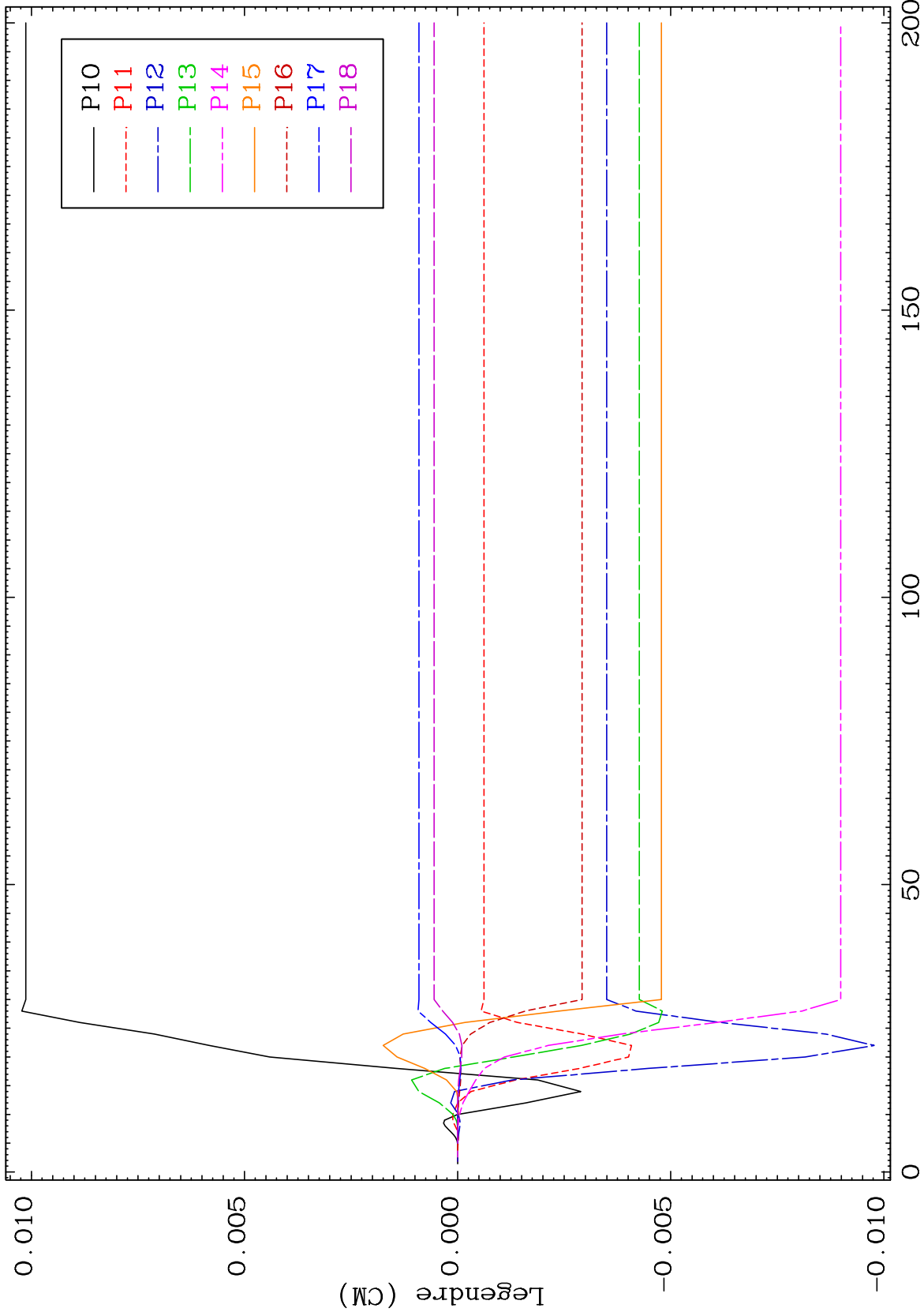


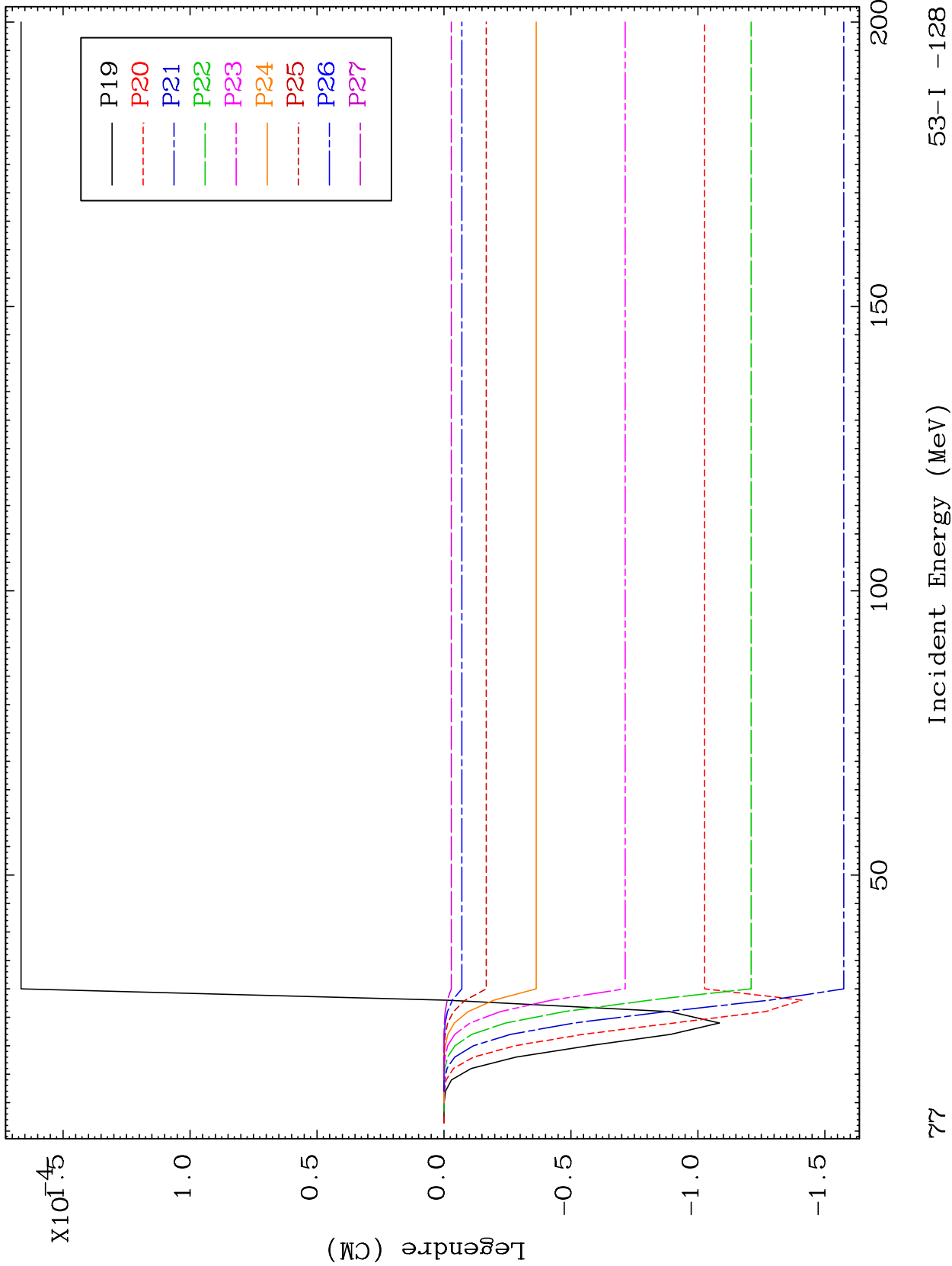
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Incident Energy (MeV)

53-I -128



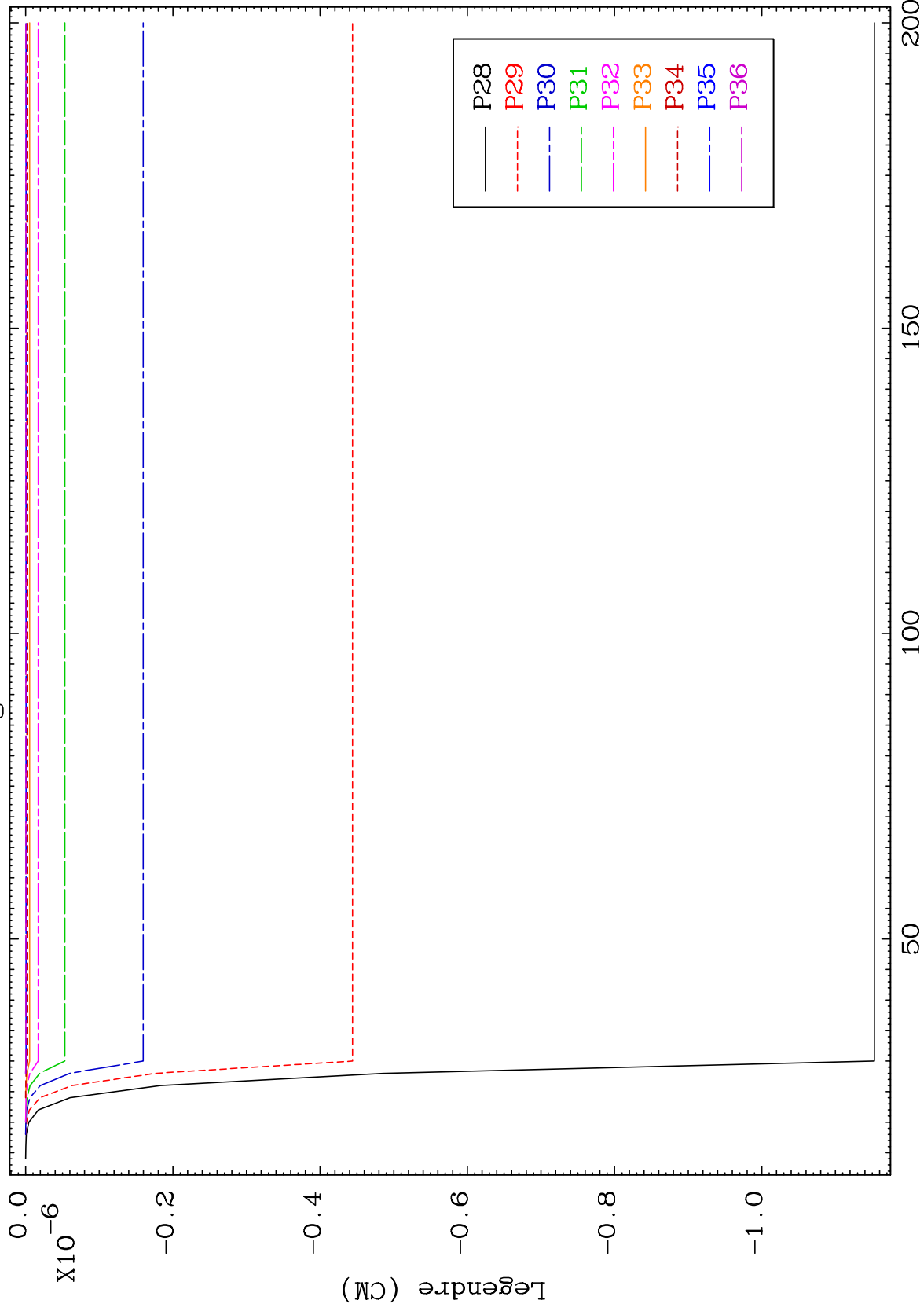




MAT 5328

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

53-I -128



78

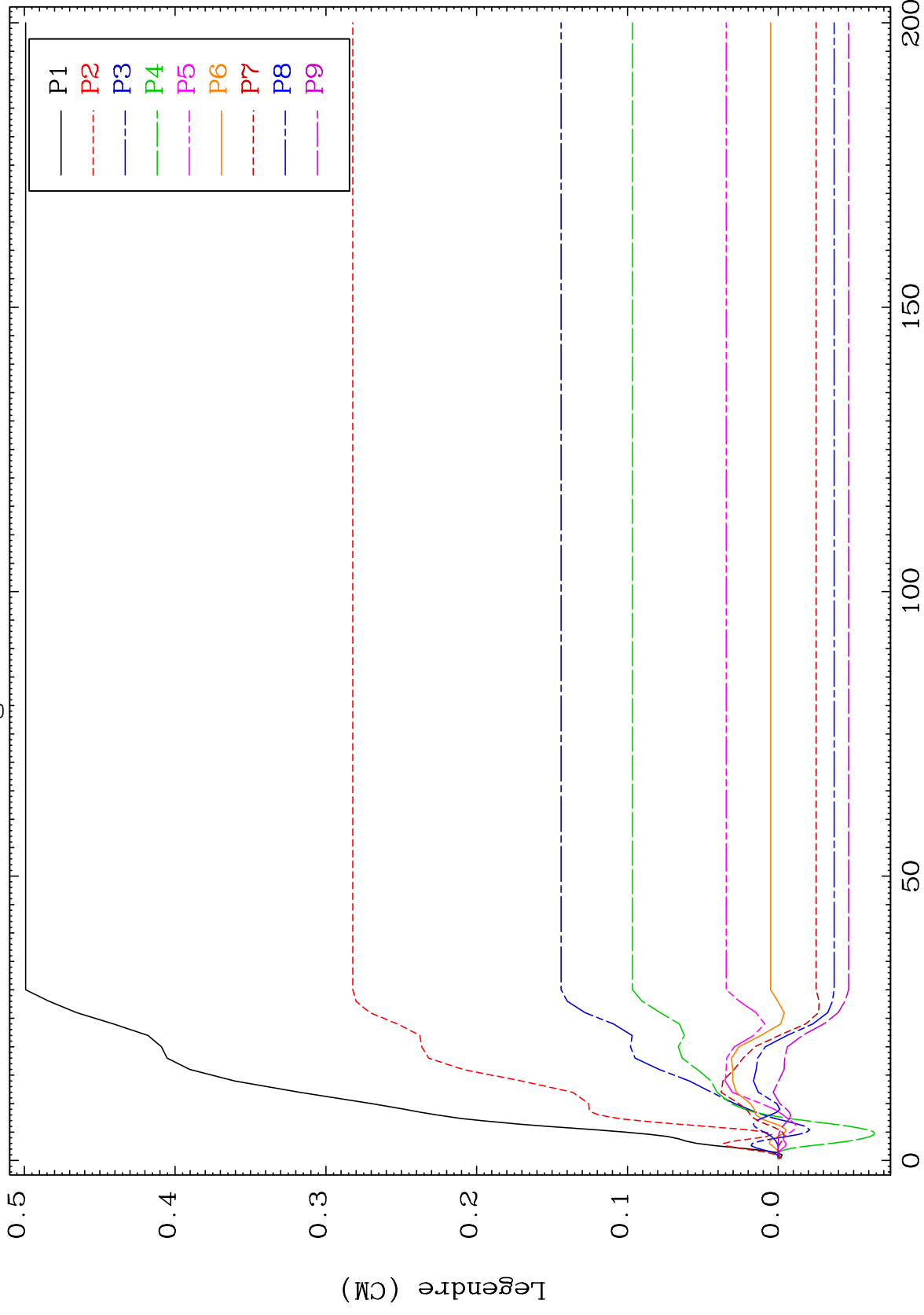
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



79

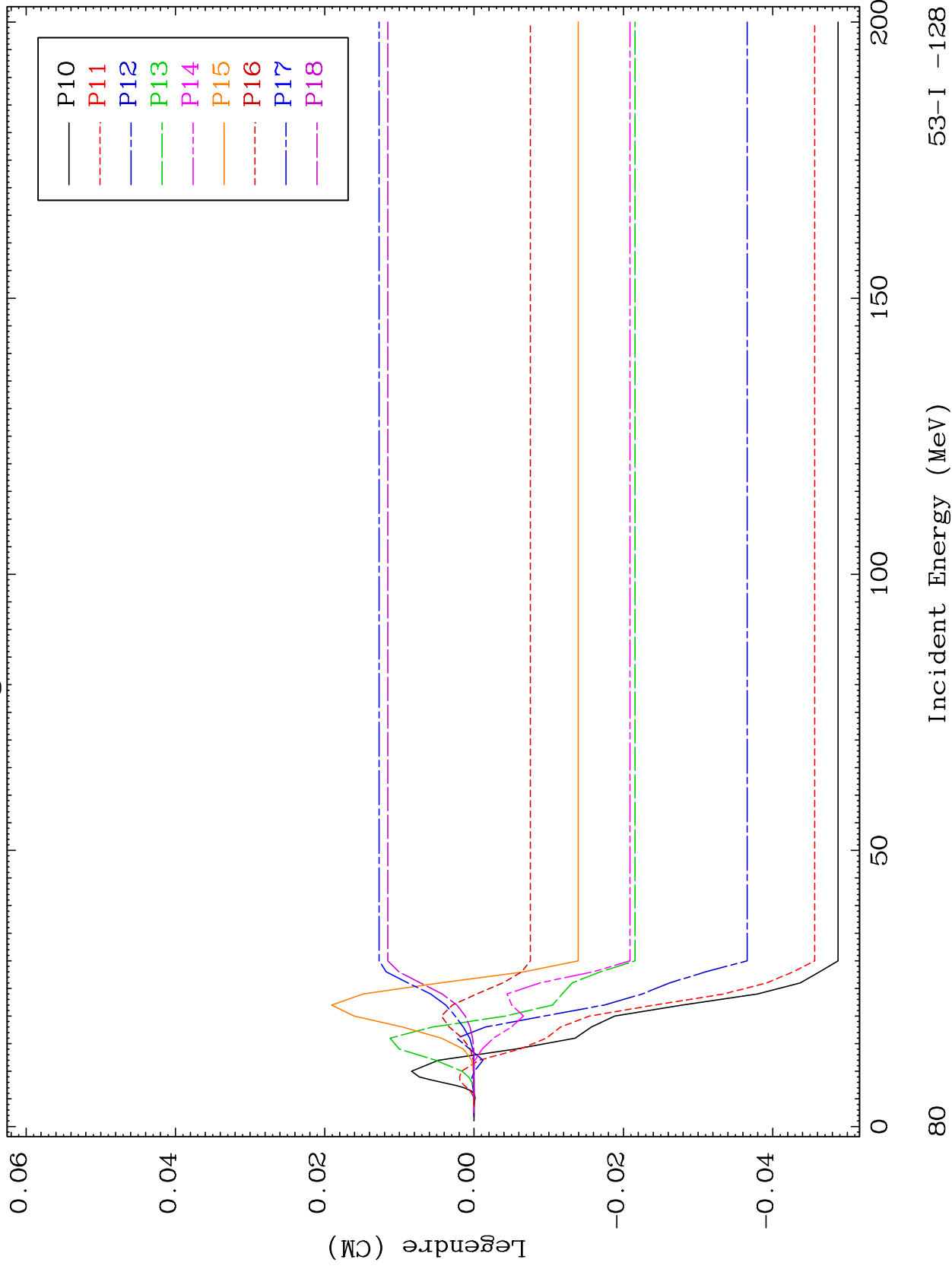
Incident Energy (MeV)

53-I -128

MAT 5328

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

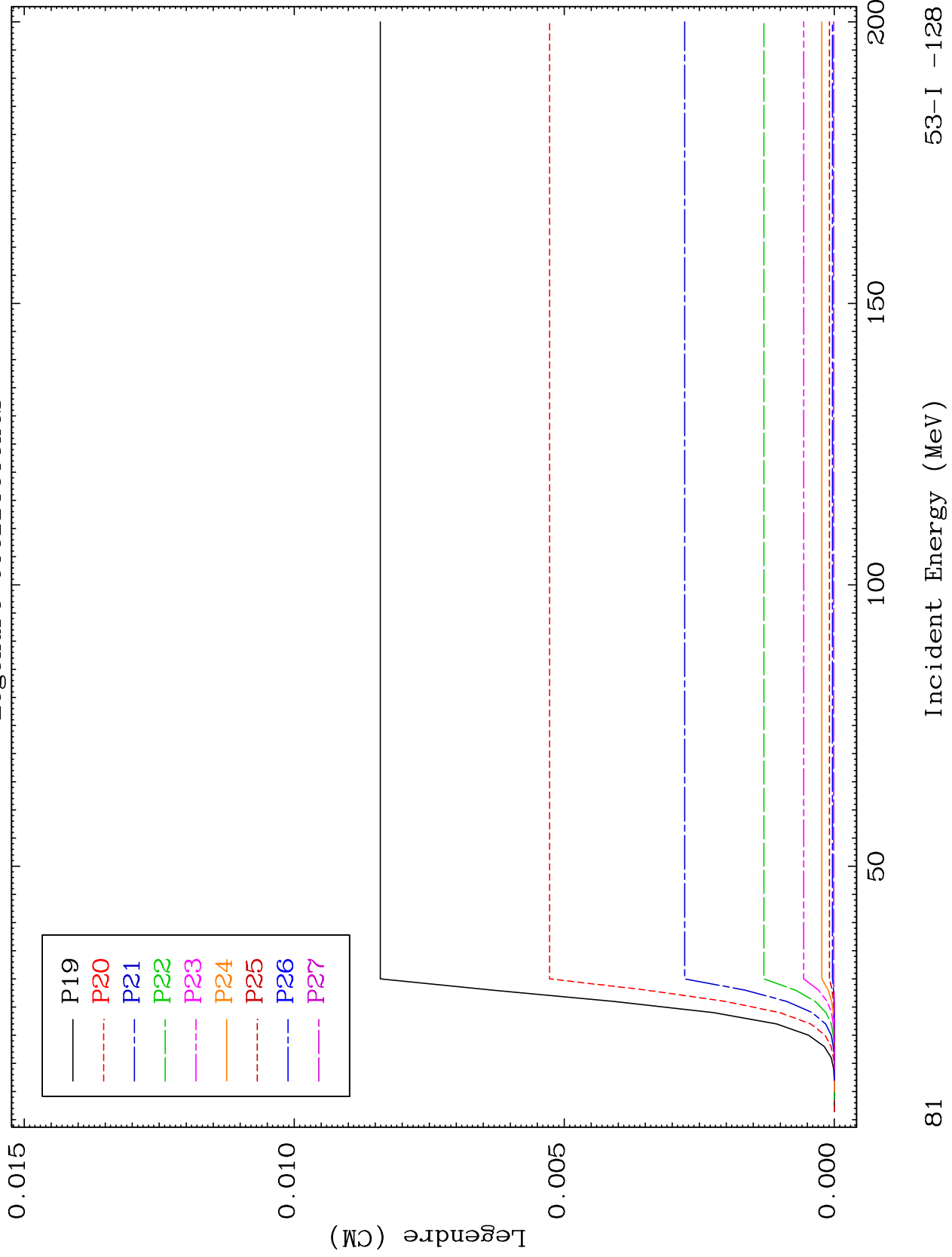
53-I -128

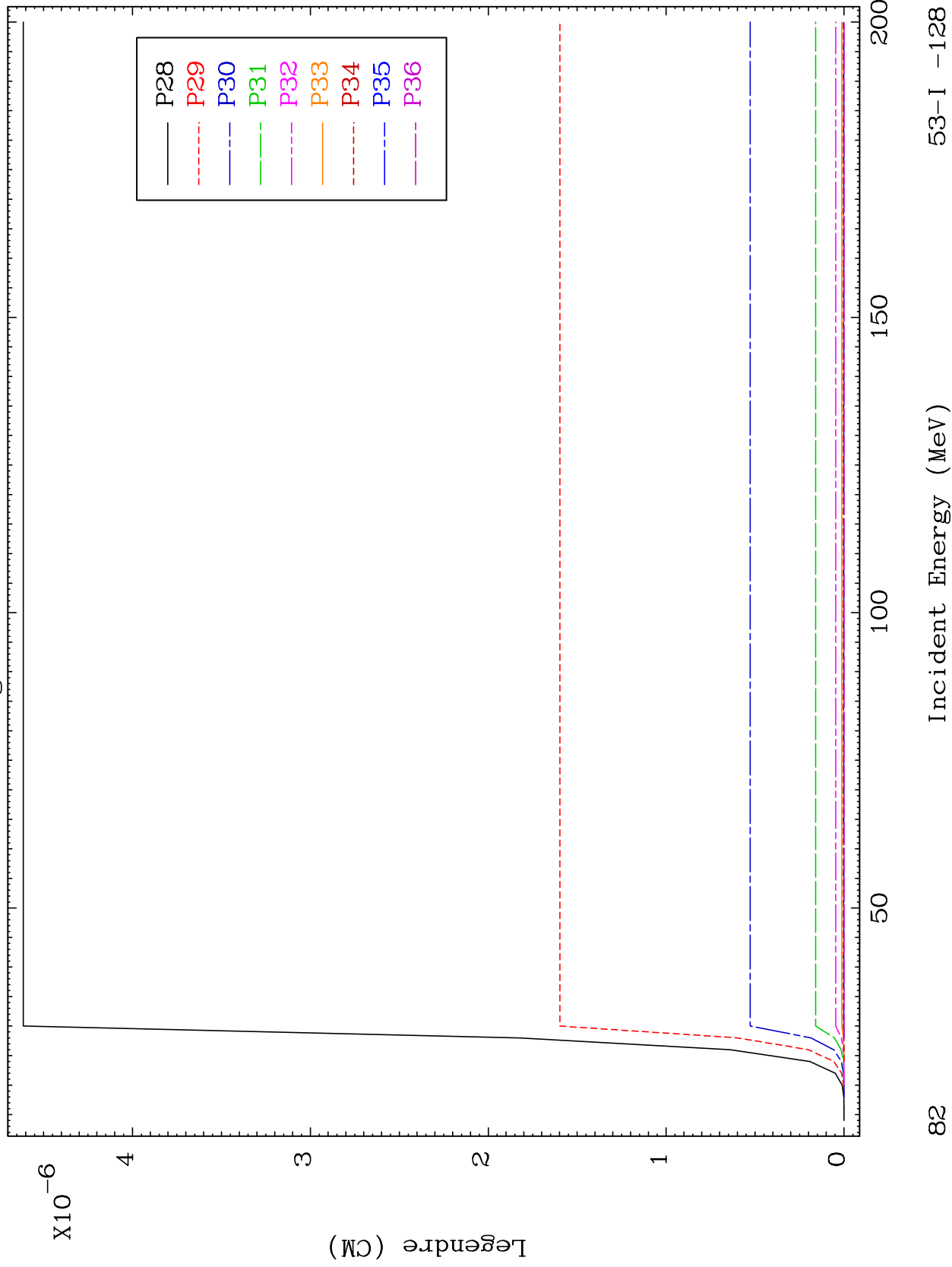


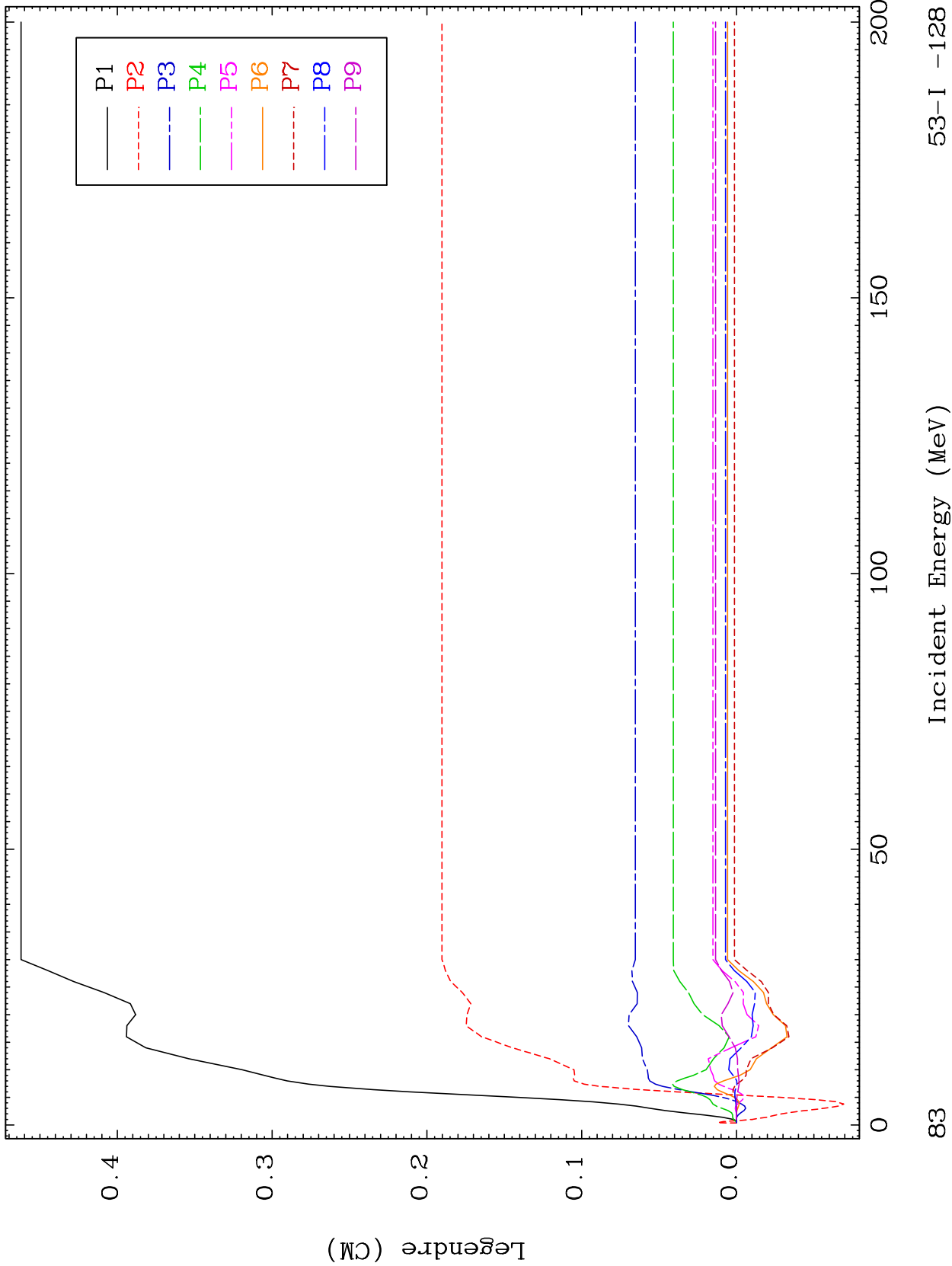
53-I -128

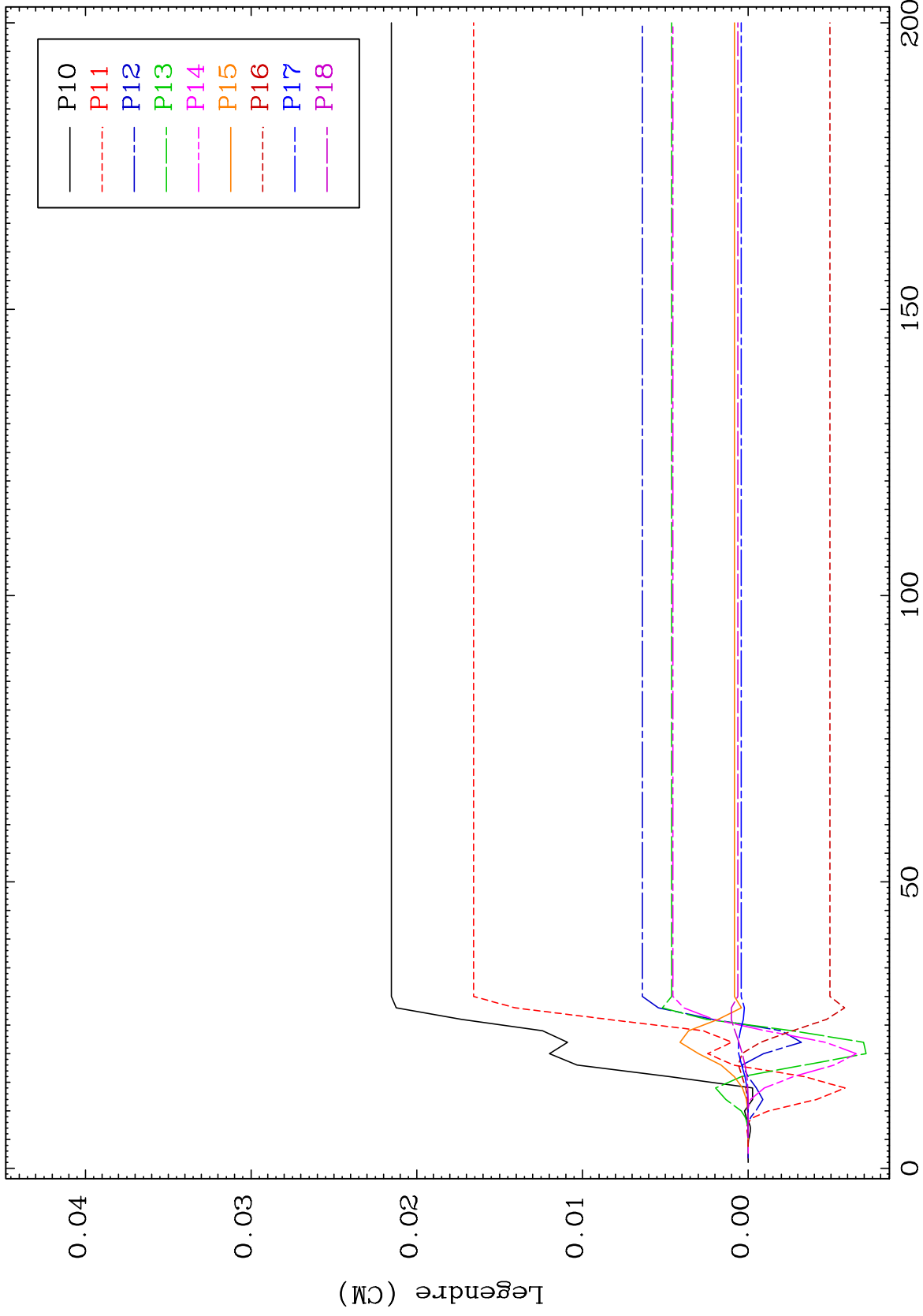
Incident Energy (MeV)

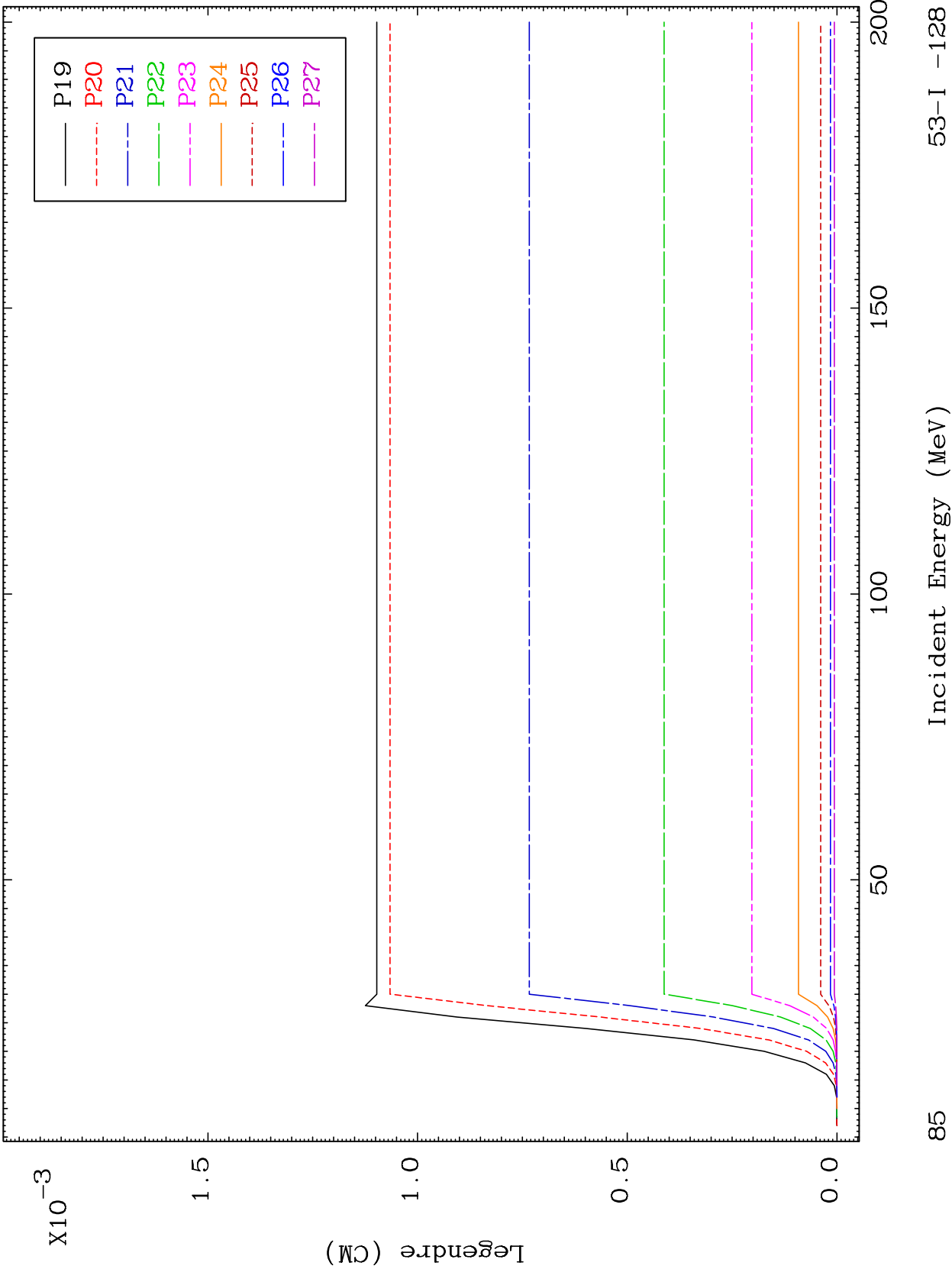
80

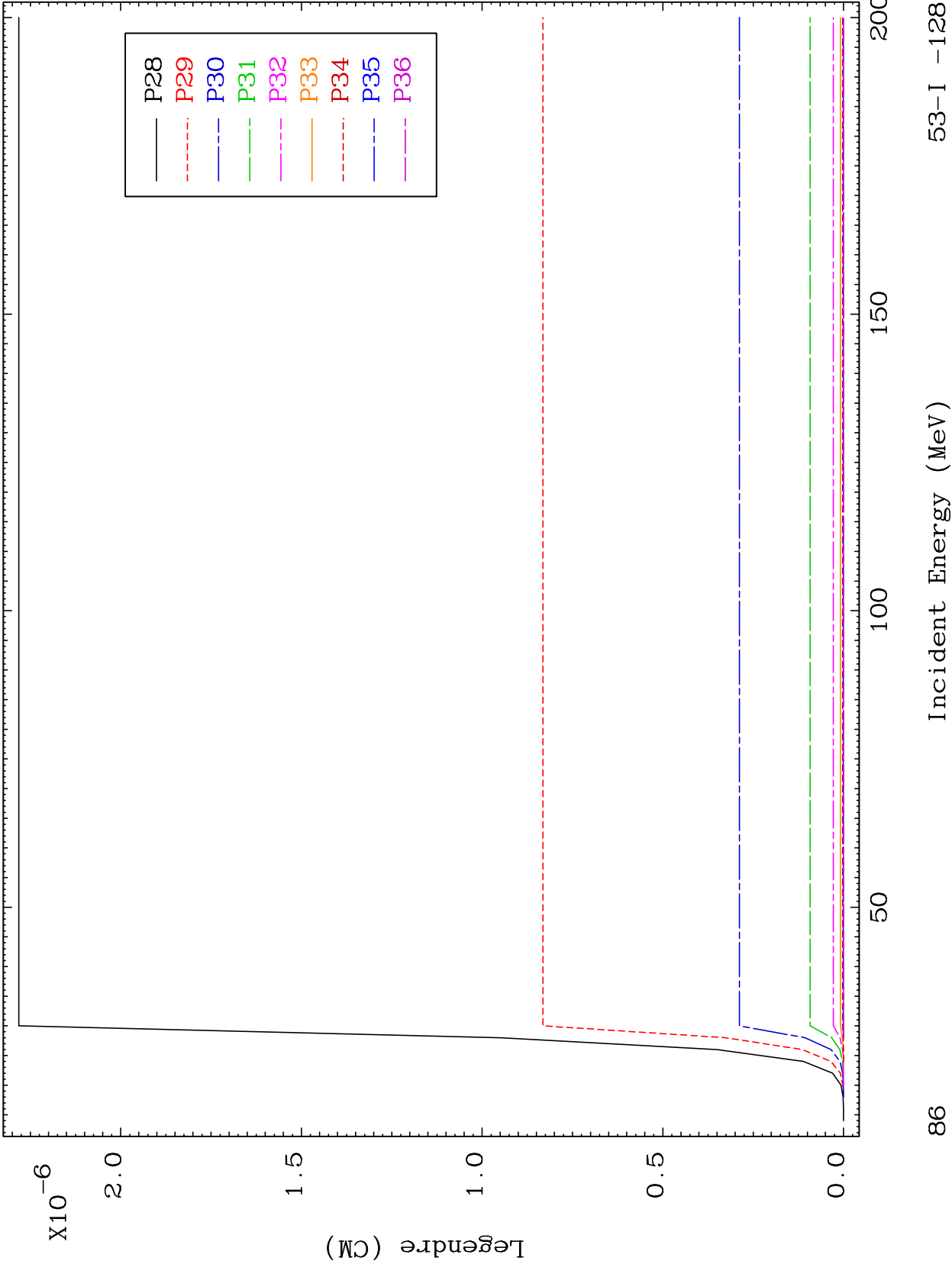


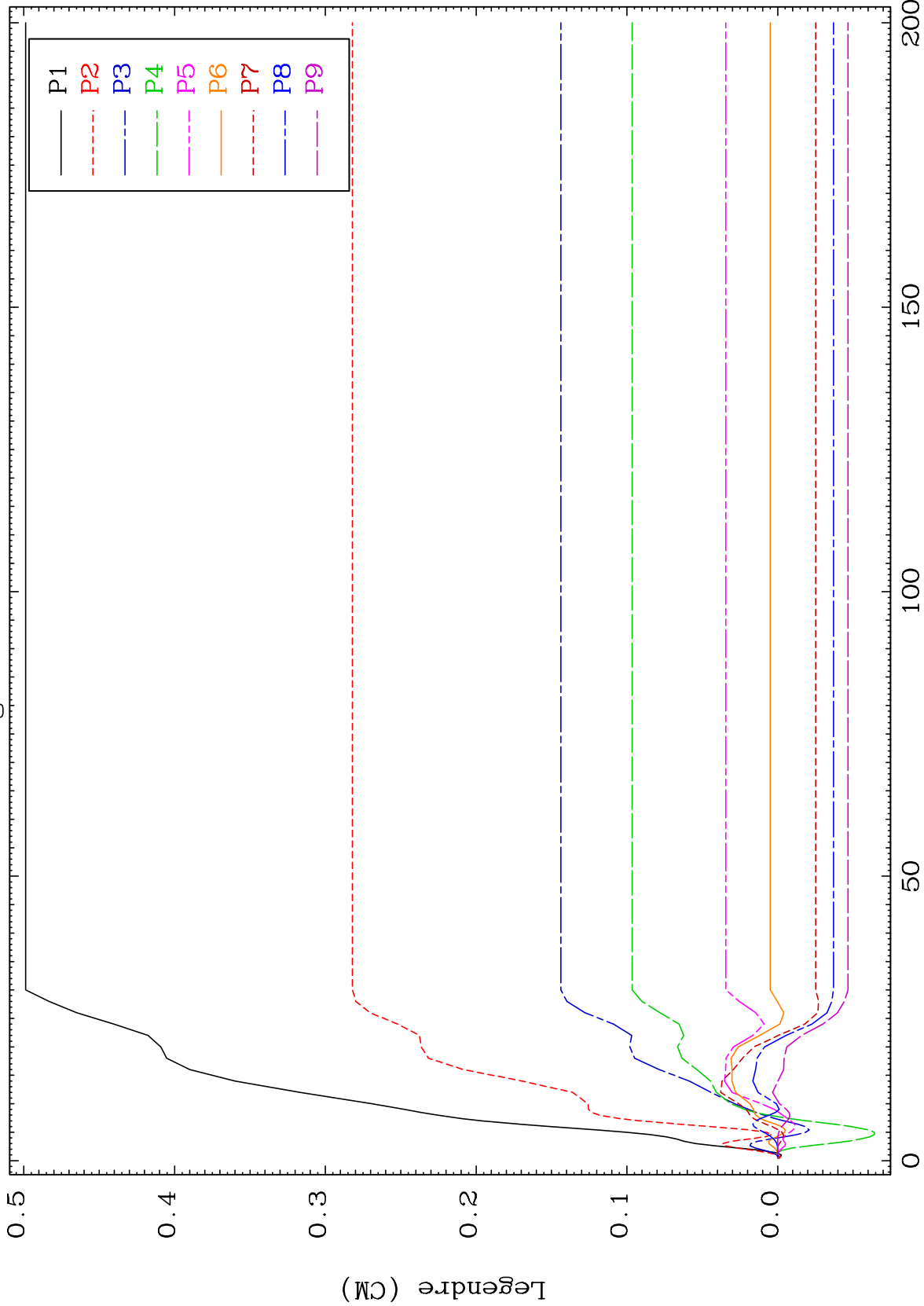








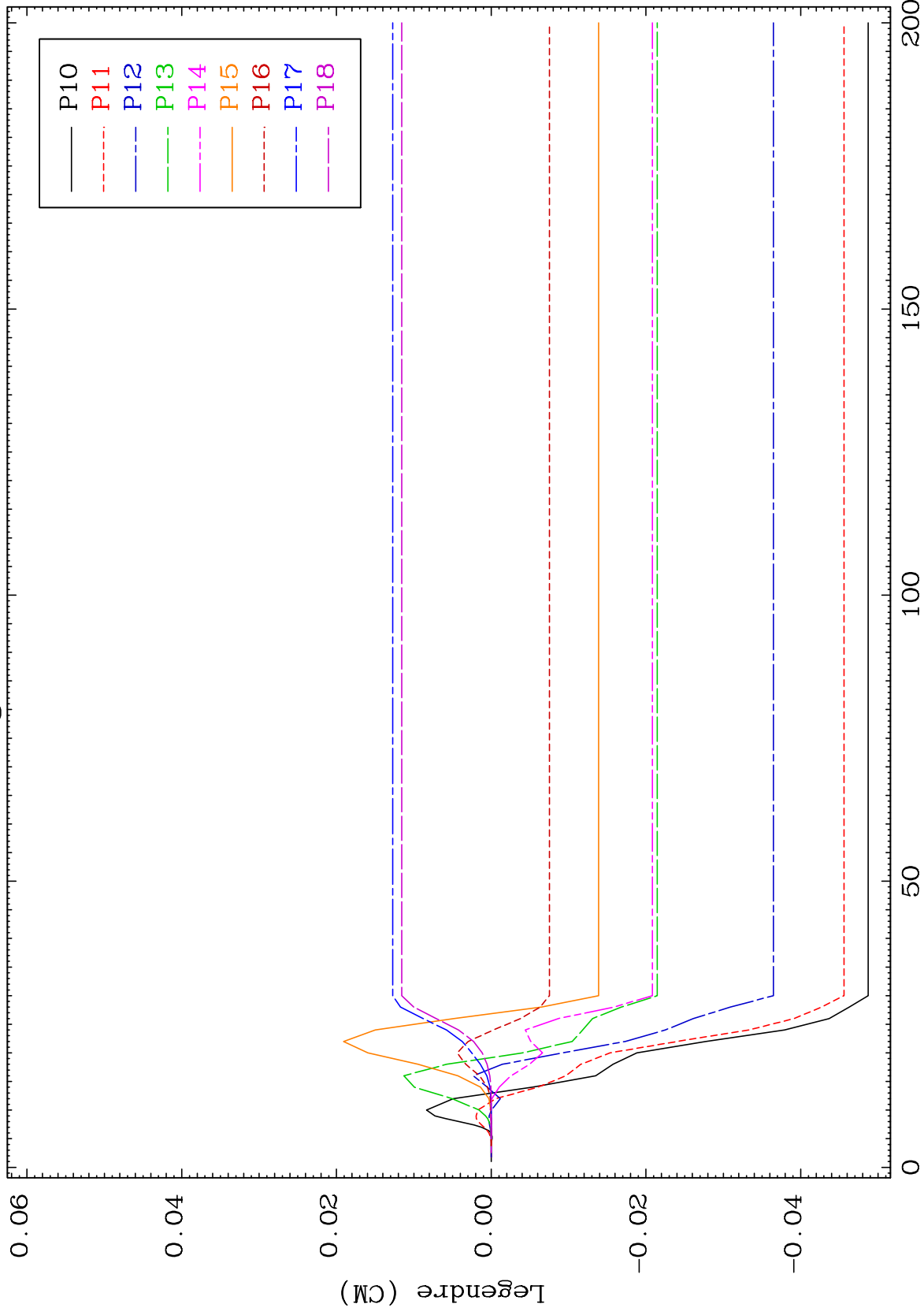




MAT 5328

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

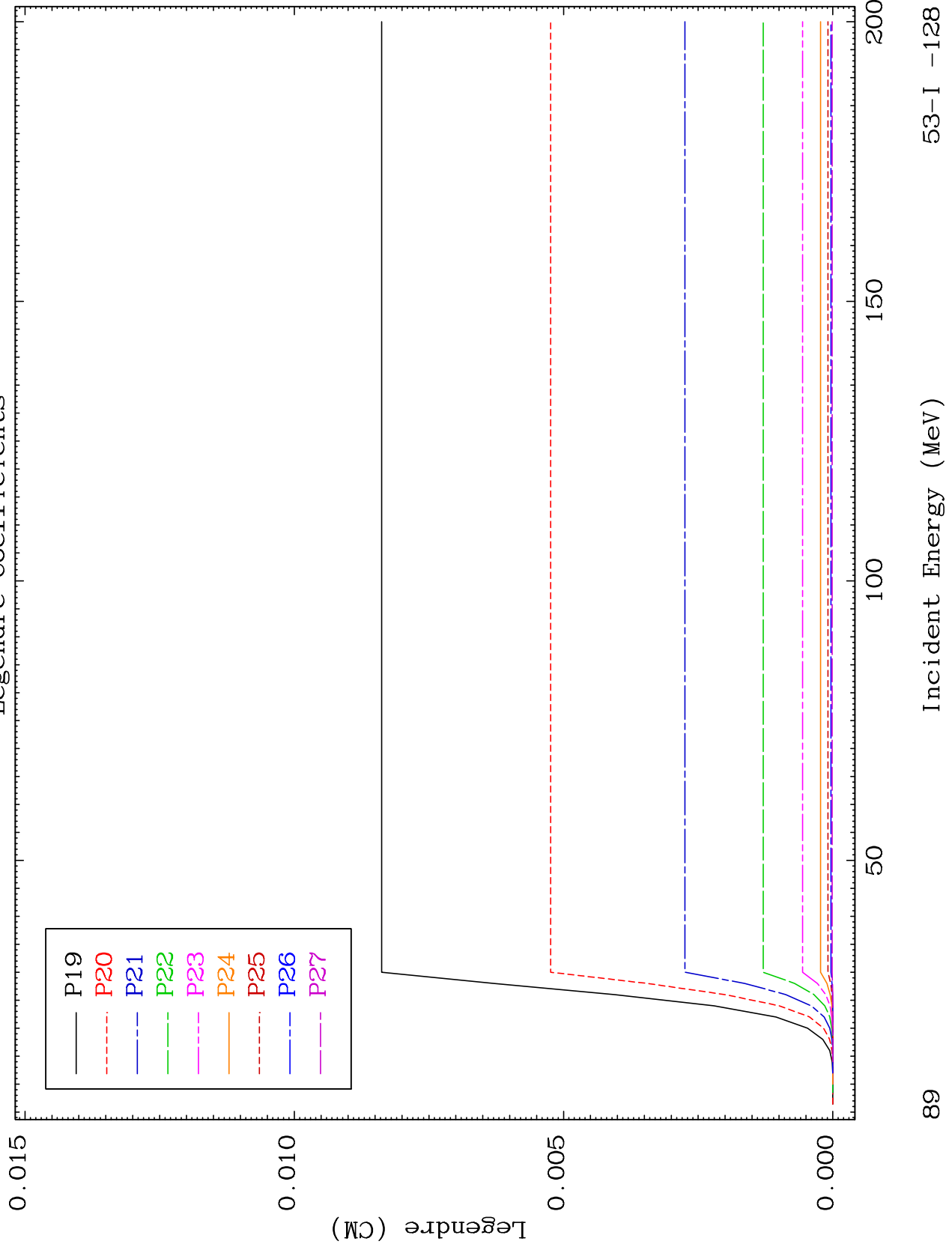
53-I -128



88

Incident Energy (MeV)

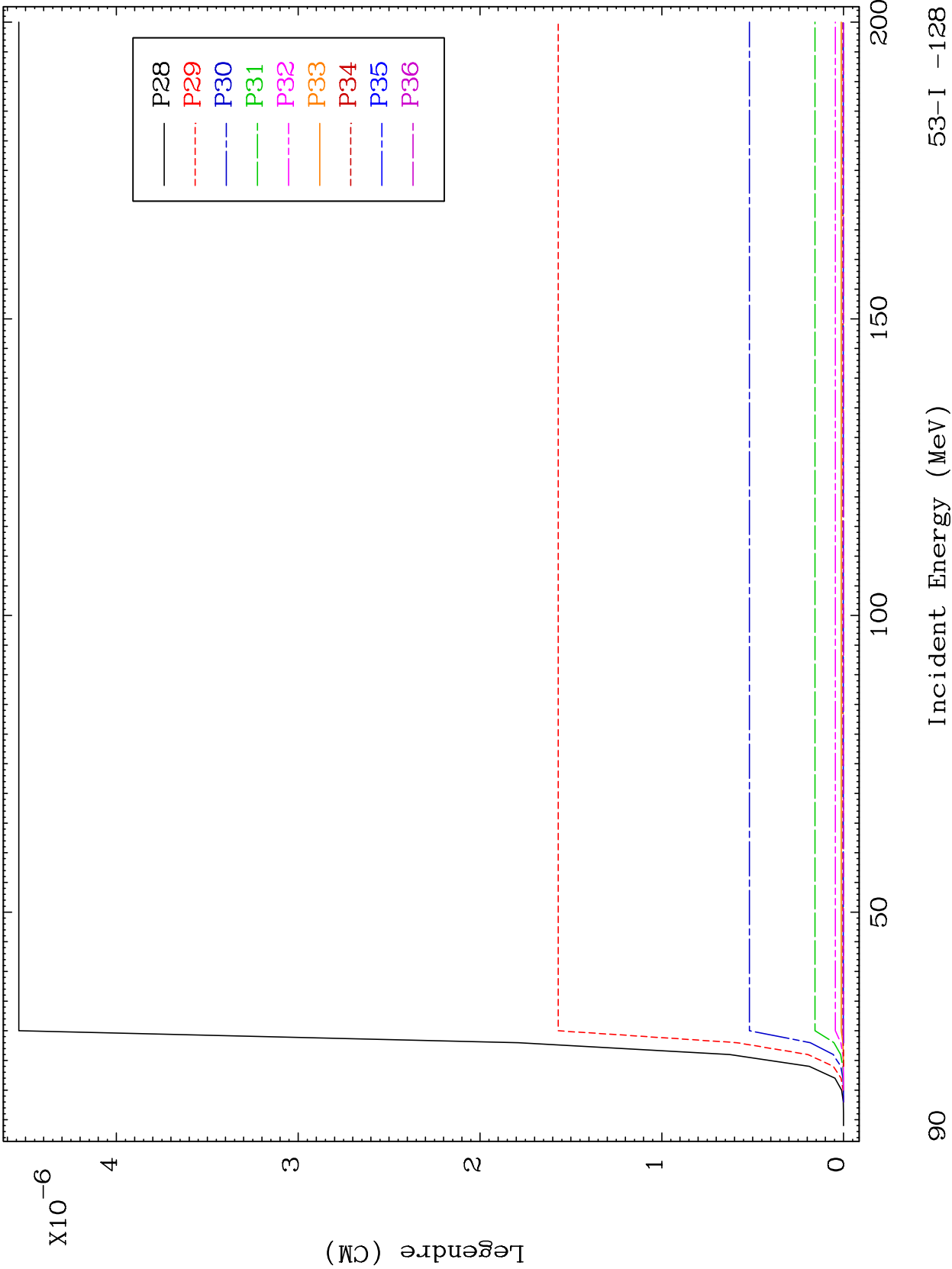
53-I -128



MAT 5328

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

53-I -128

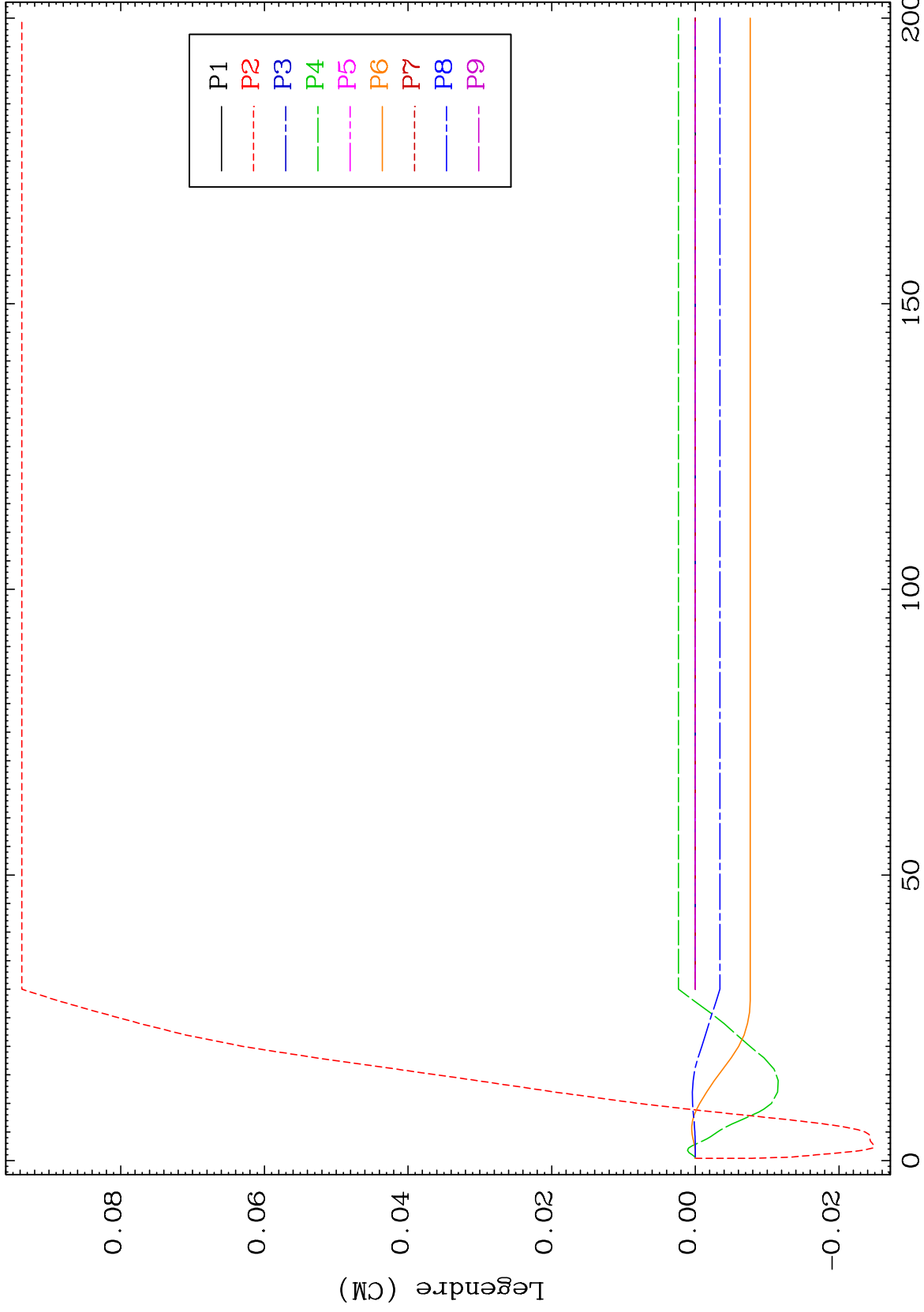


53-I -128

MAT 5328

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

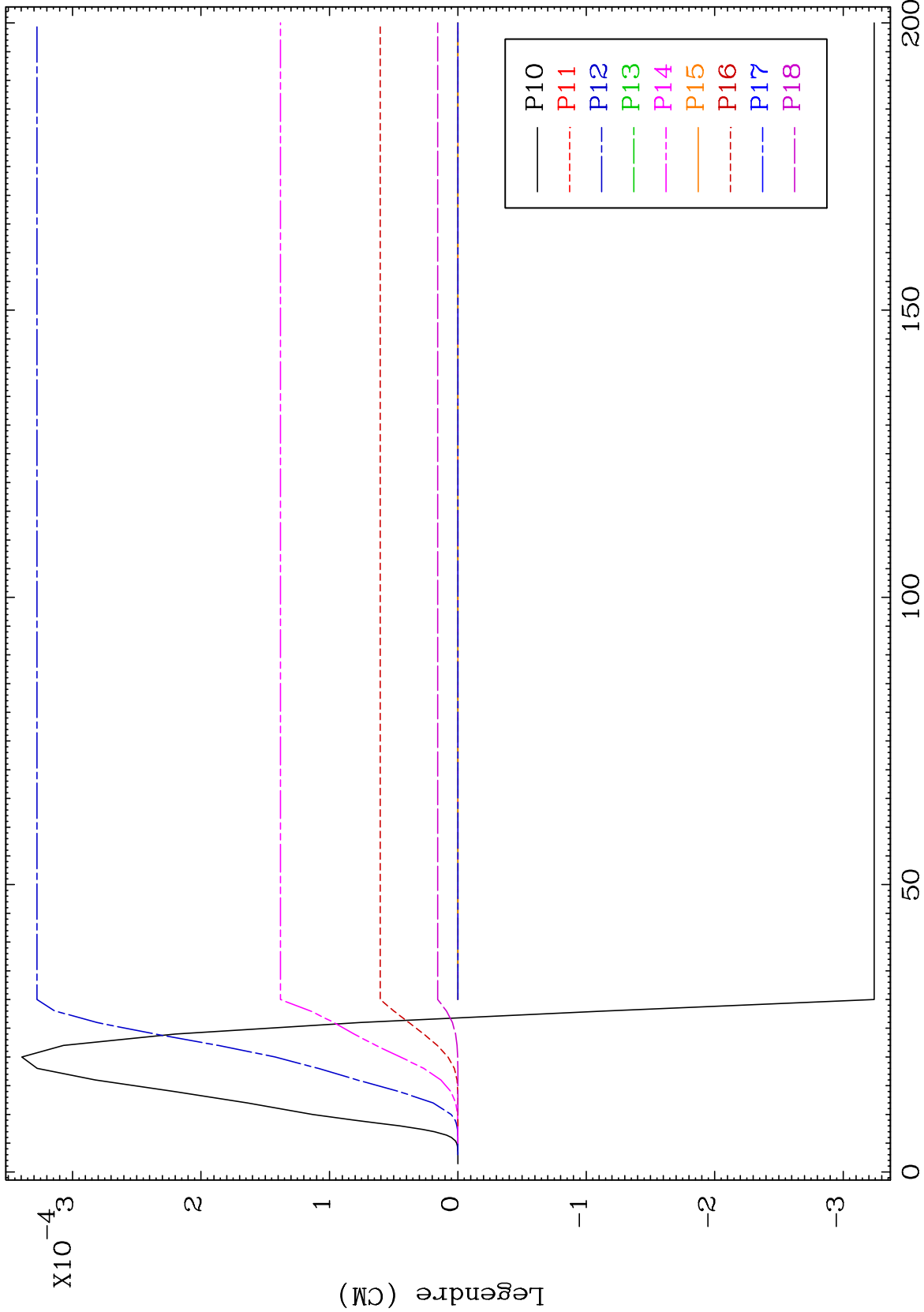
53-I -128



91

Incident Energy (MeV)

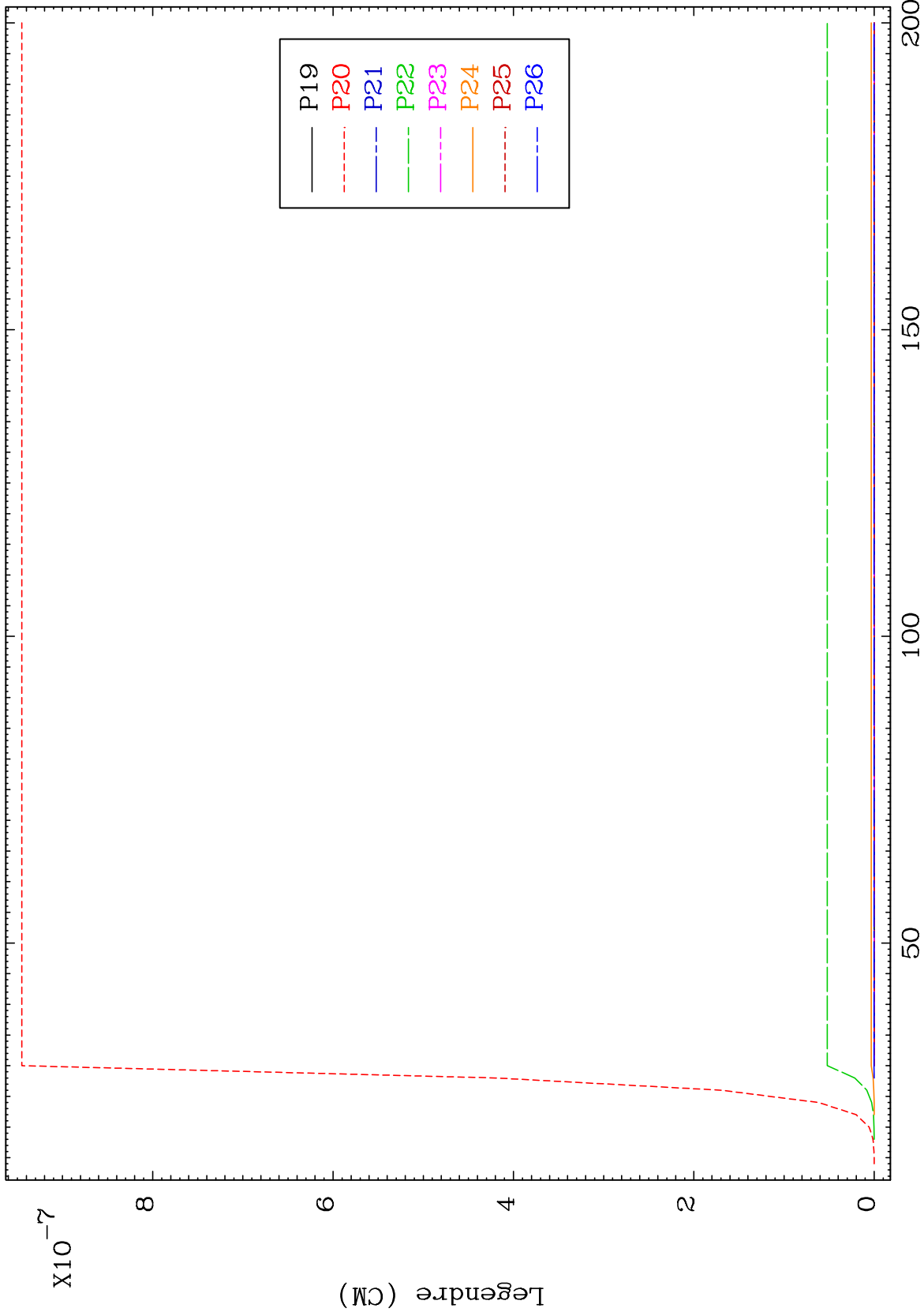
53-I -128



MAT 5328

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

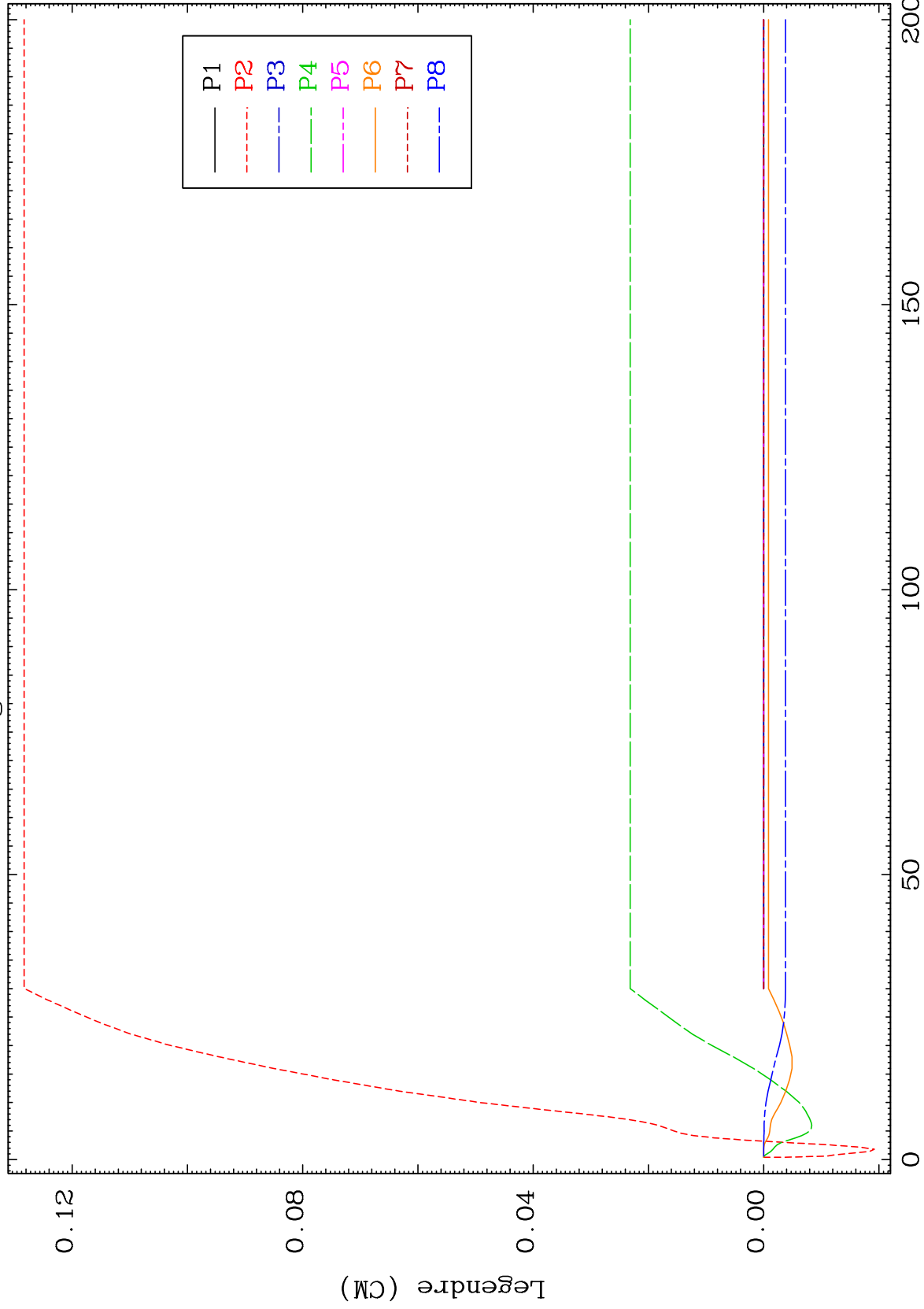
53-I -128



93

Incident Energy (MeV)

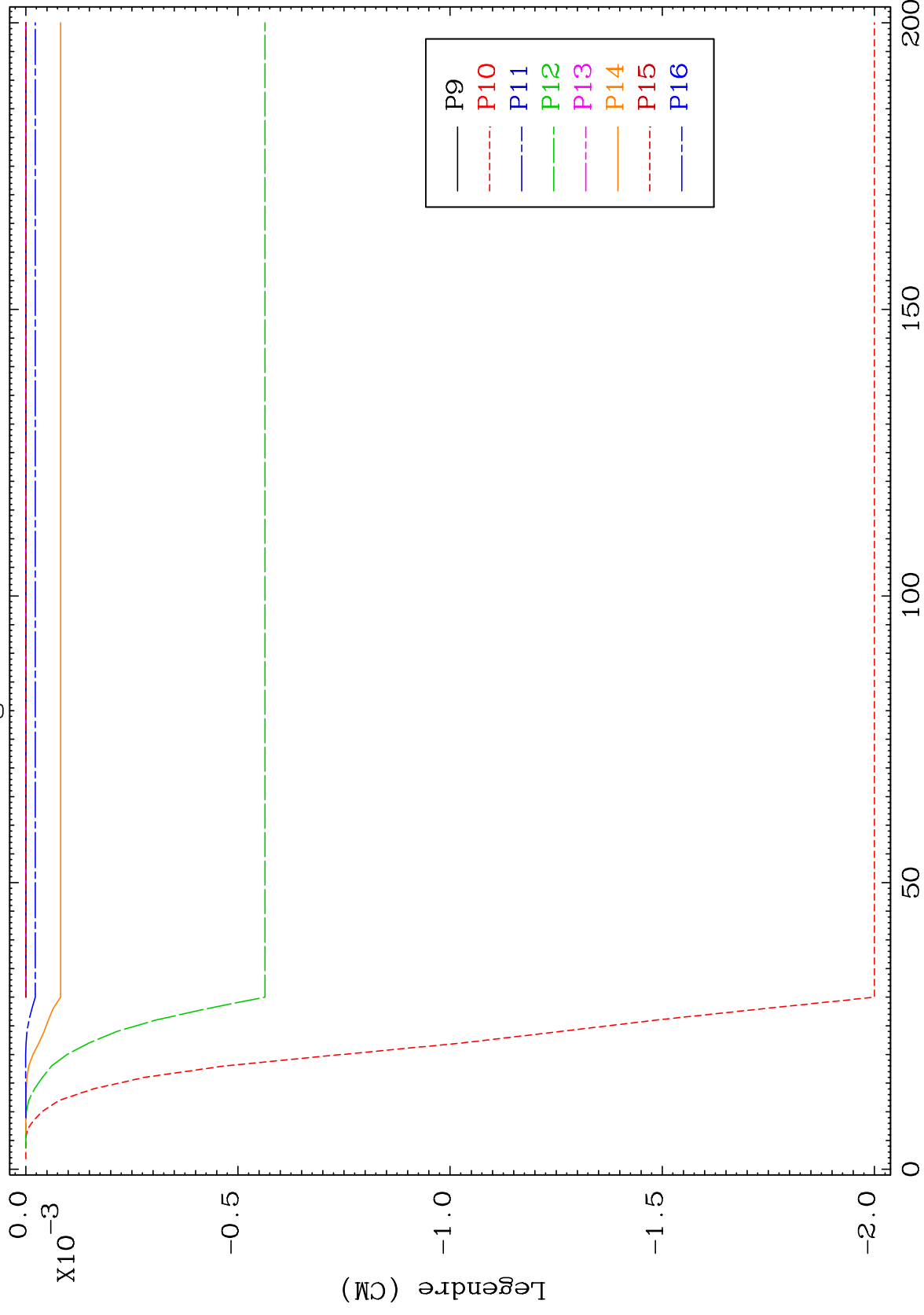
53-I -128



MAT 5328

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

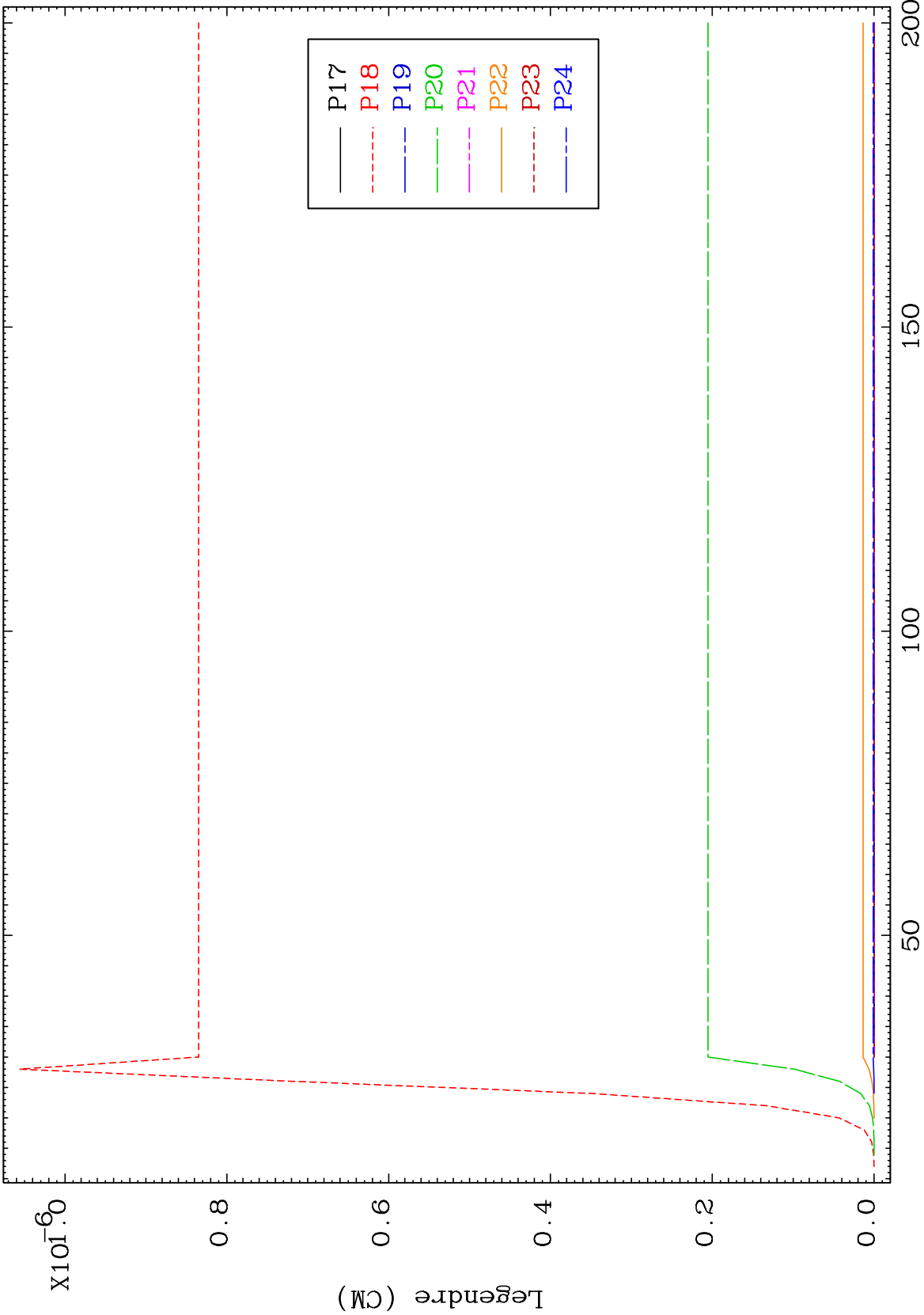
53-I -128

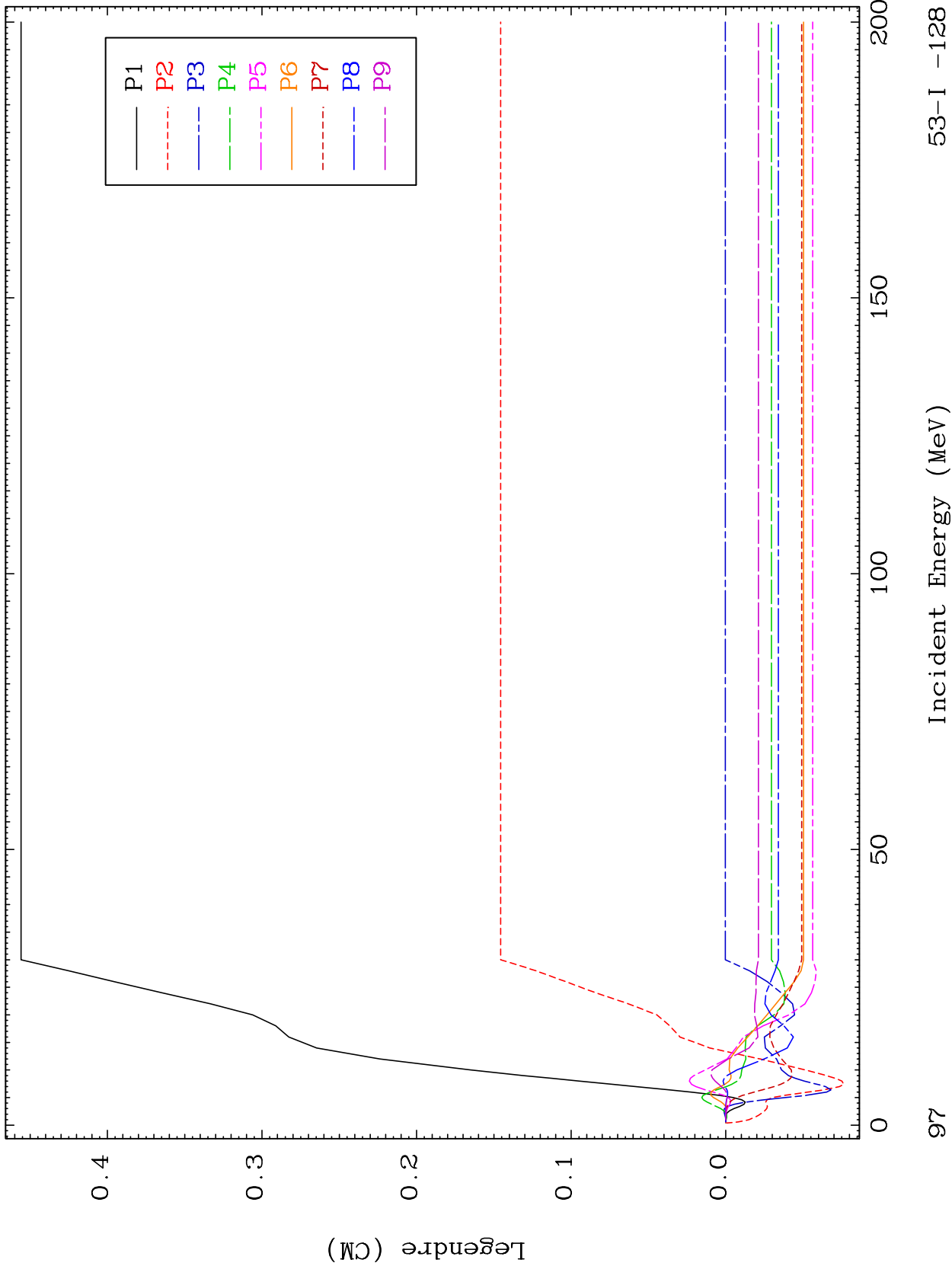


95

Incident Energy (MeV)

53-I -128

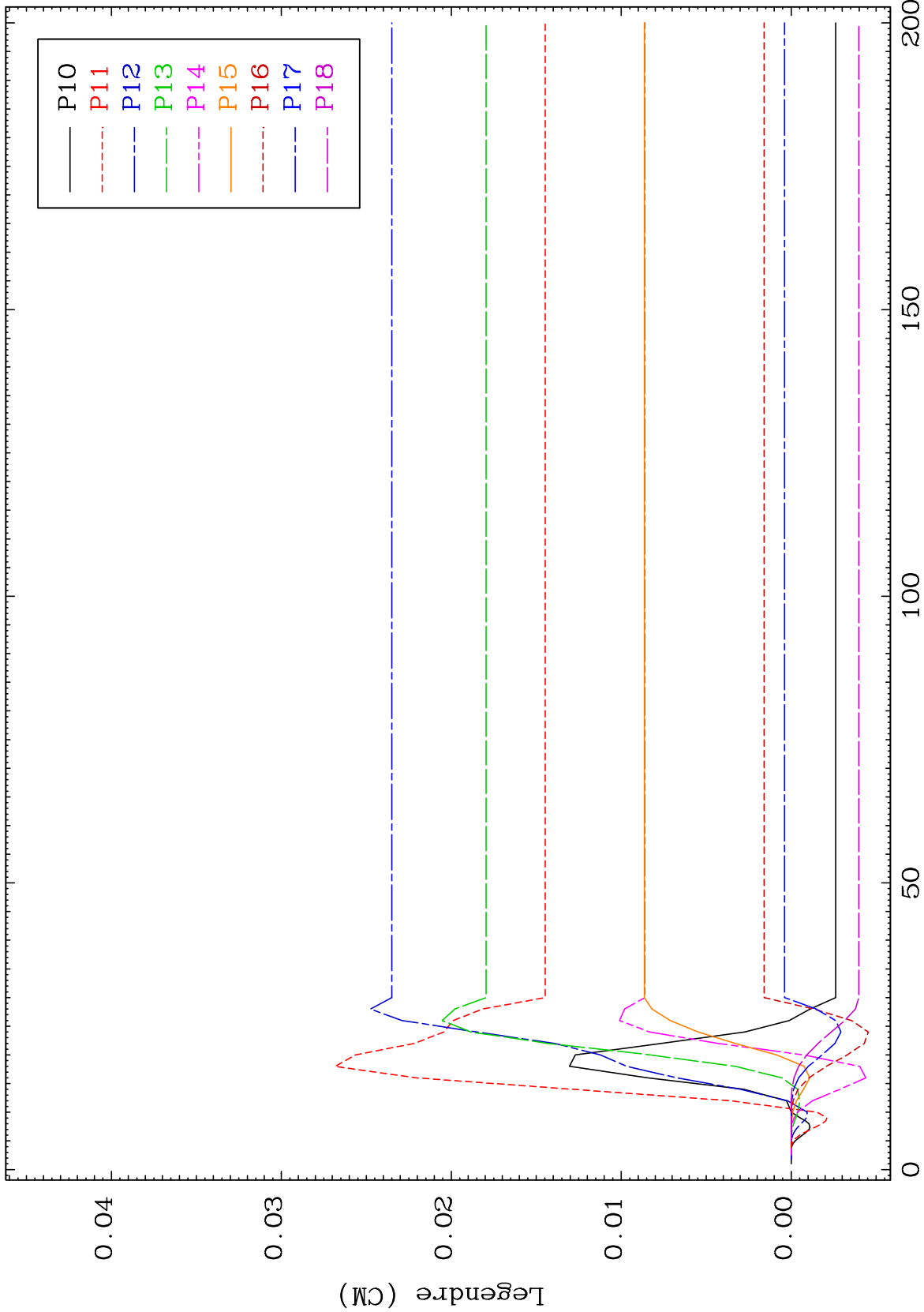




MAT 5328

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

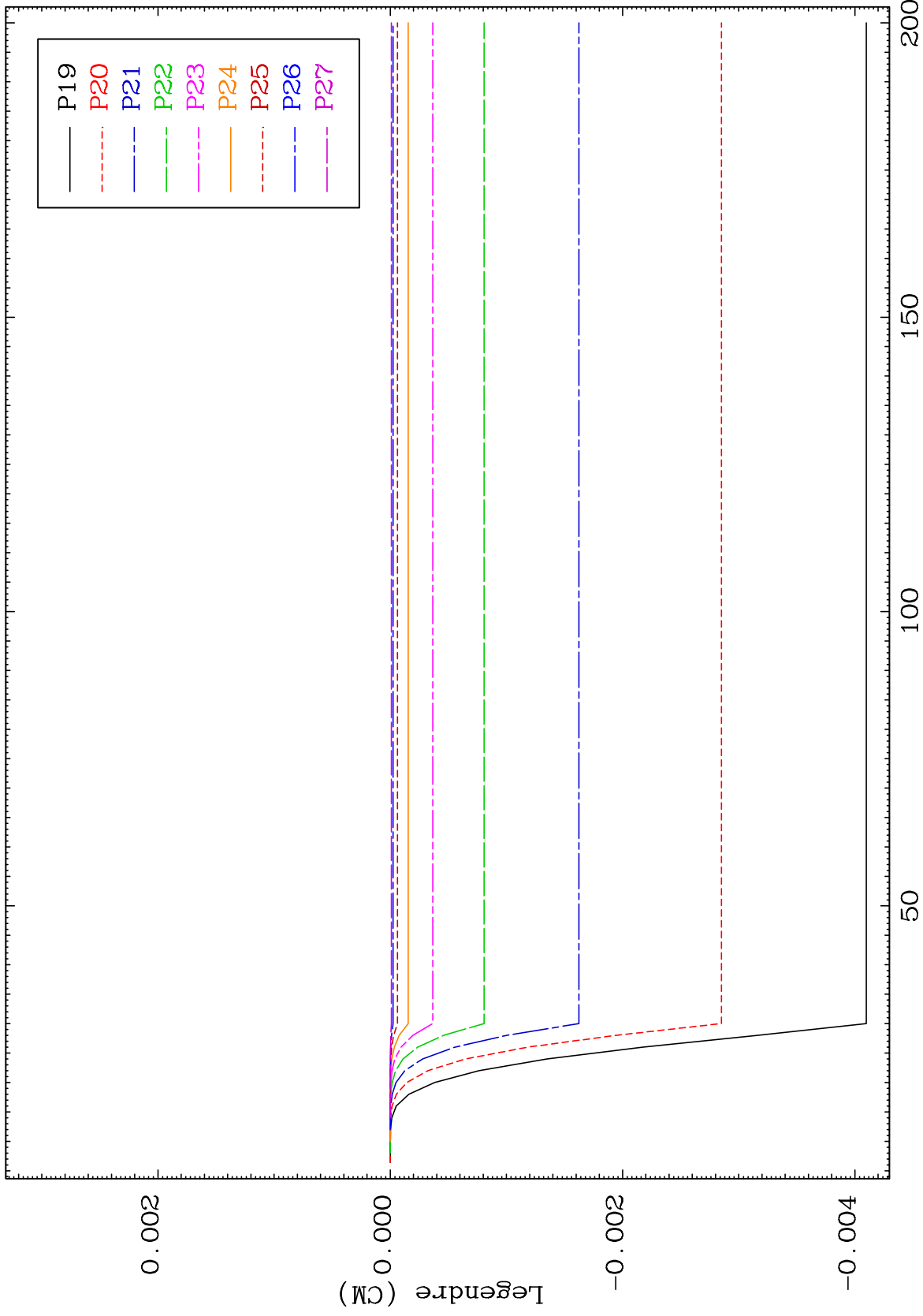
53-I -128



98

Incident Energy (MeV)

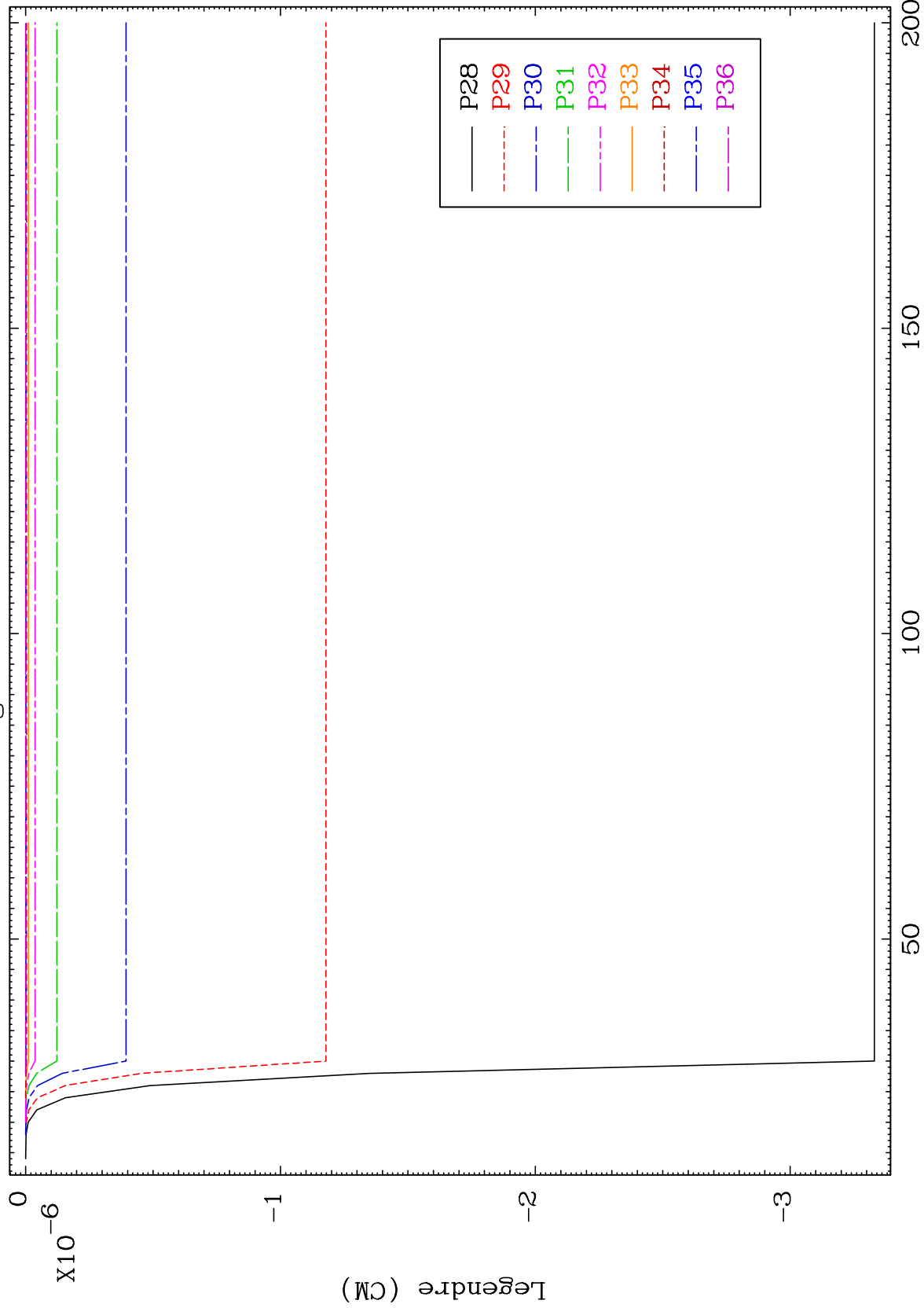
53-I -128



MAT 5328

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

53-I -128



100

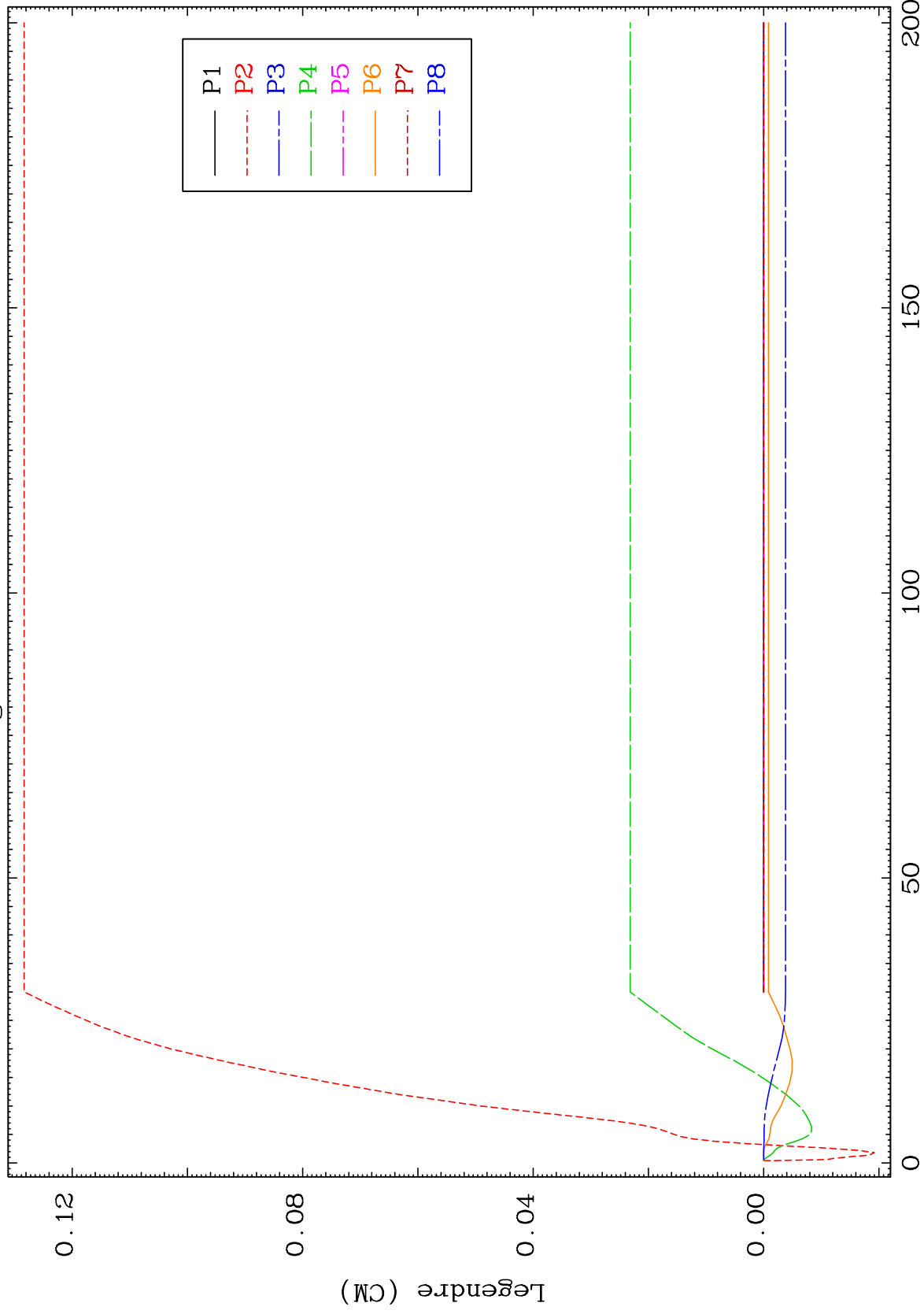
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



53-I -128

Incident Energy (MeV)

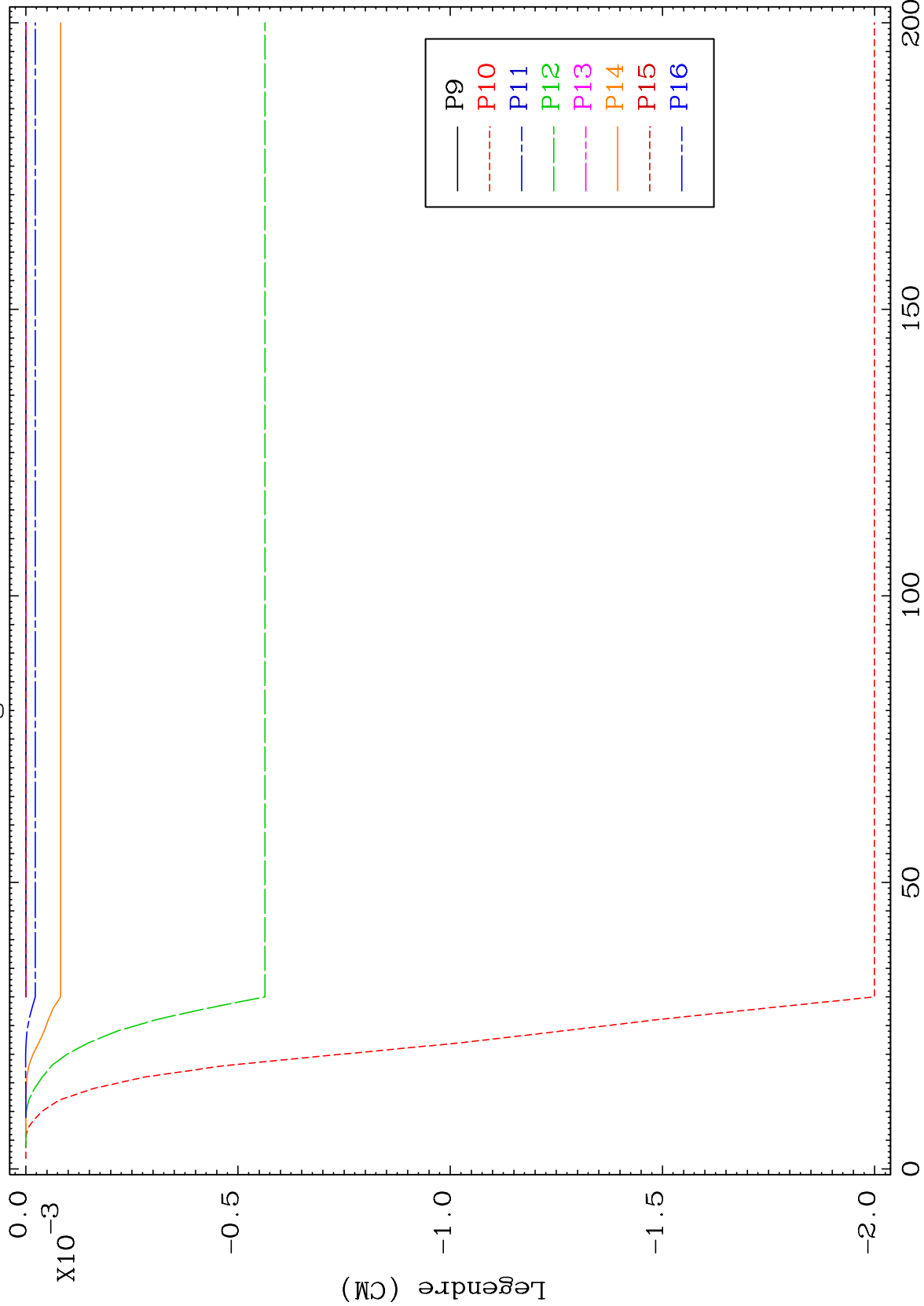
101

MAT 5328

MT= 74 (n,n') Level

53-I -128

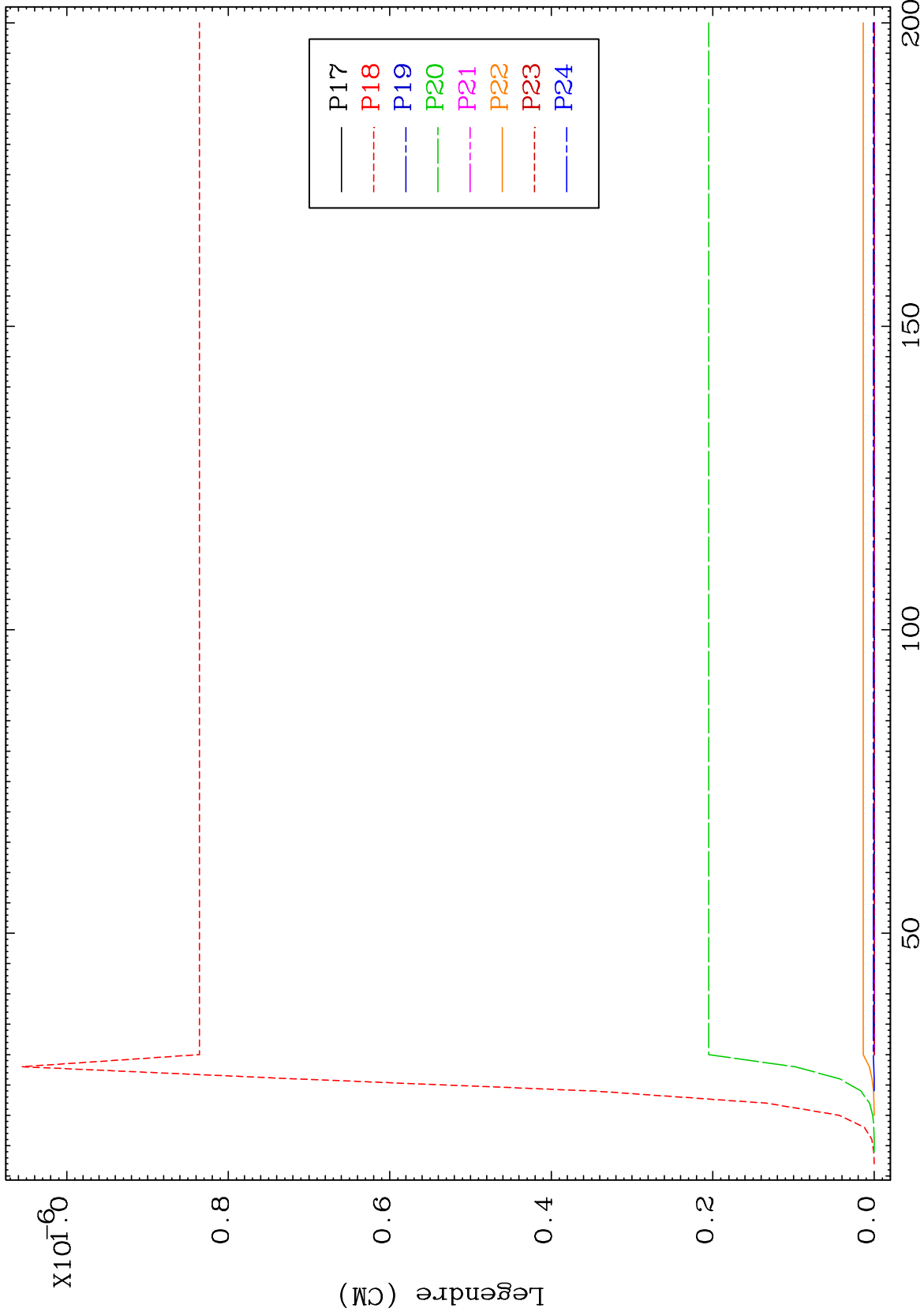
Legendre Coefficients



102

Incident Energy (MeV)

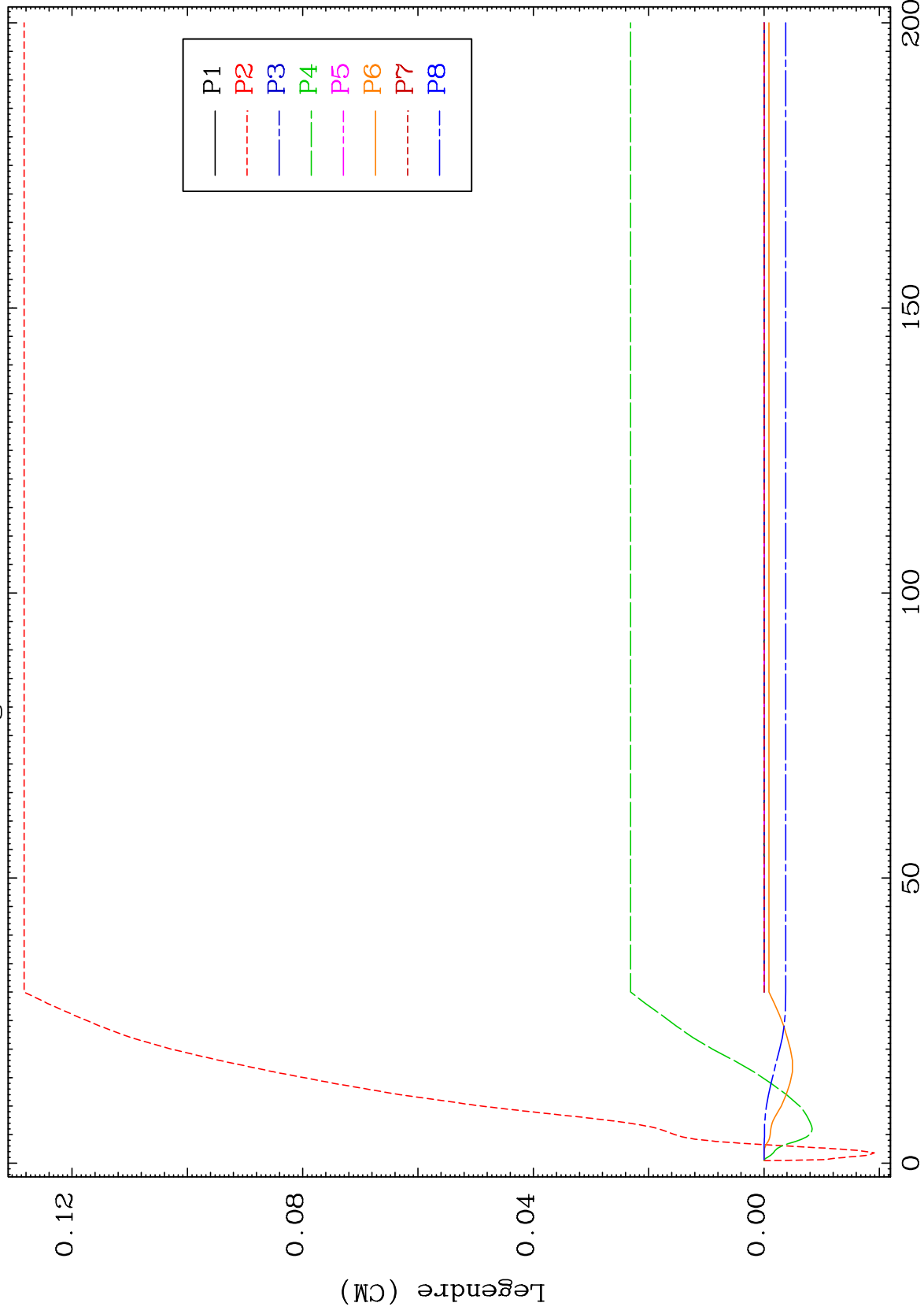
53-I -128



MAT 5328

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

53-I -128



53-I -128

Incident Energy (MeV)

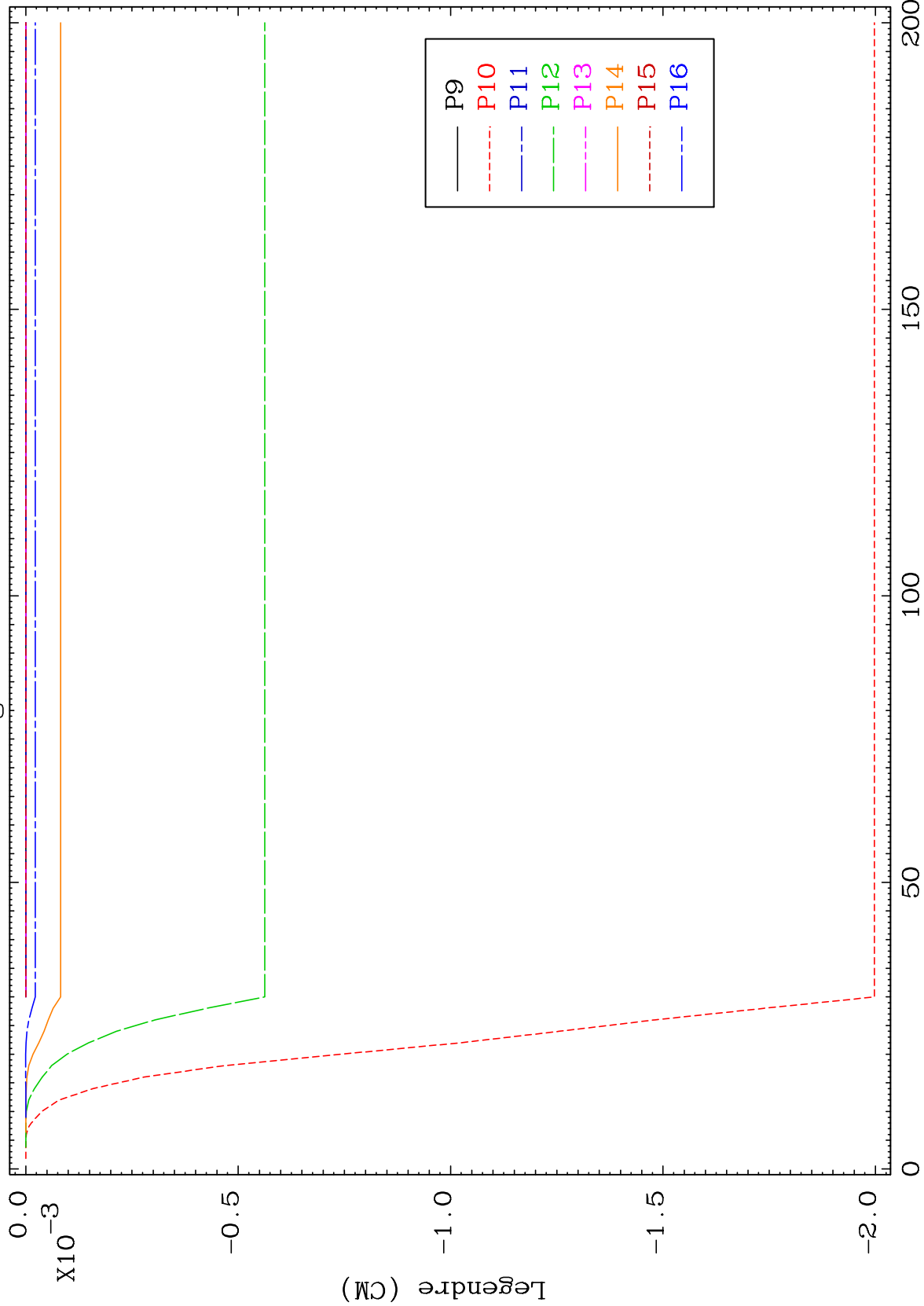
104

MAT 5328

MT= 75 (n,n') Level

53-I -128

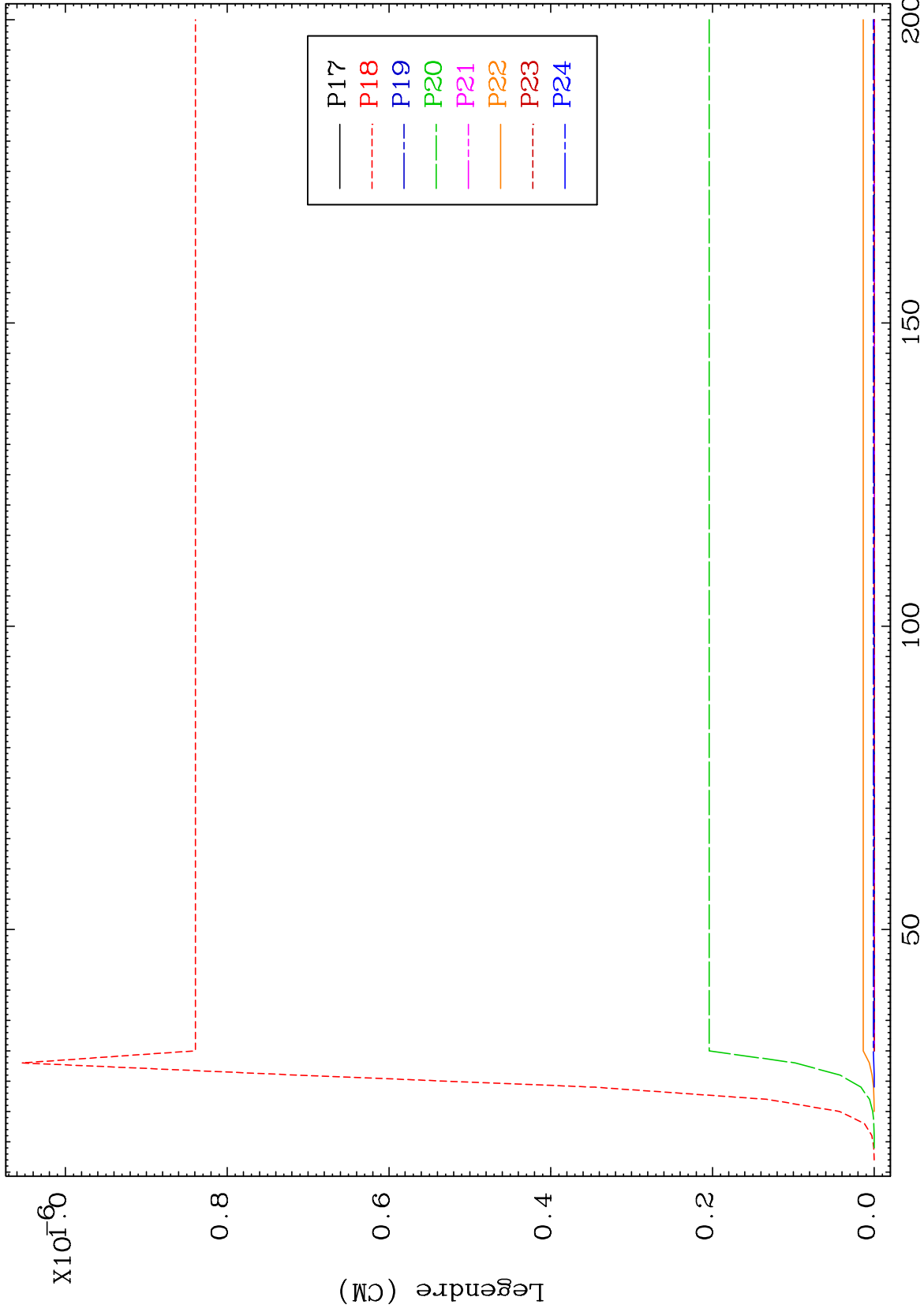
Legendre Coefficients



105

Incident Energy (MeV)

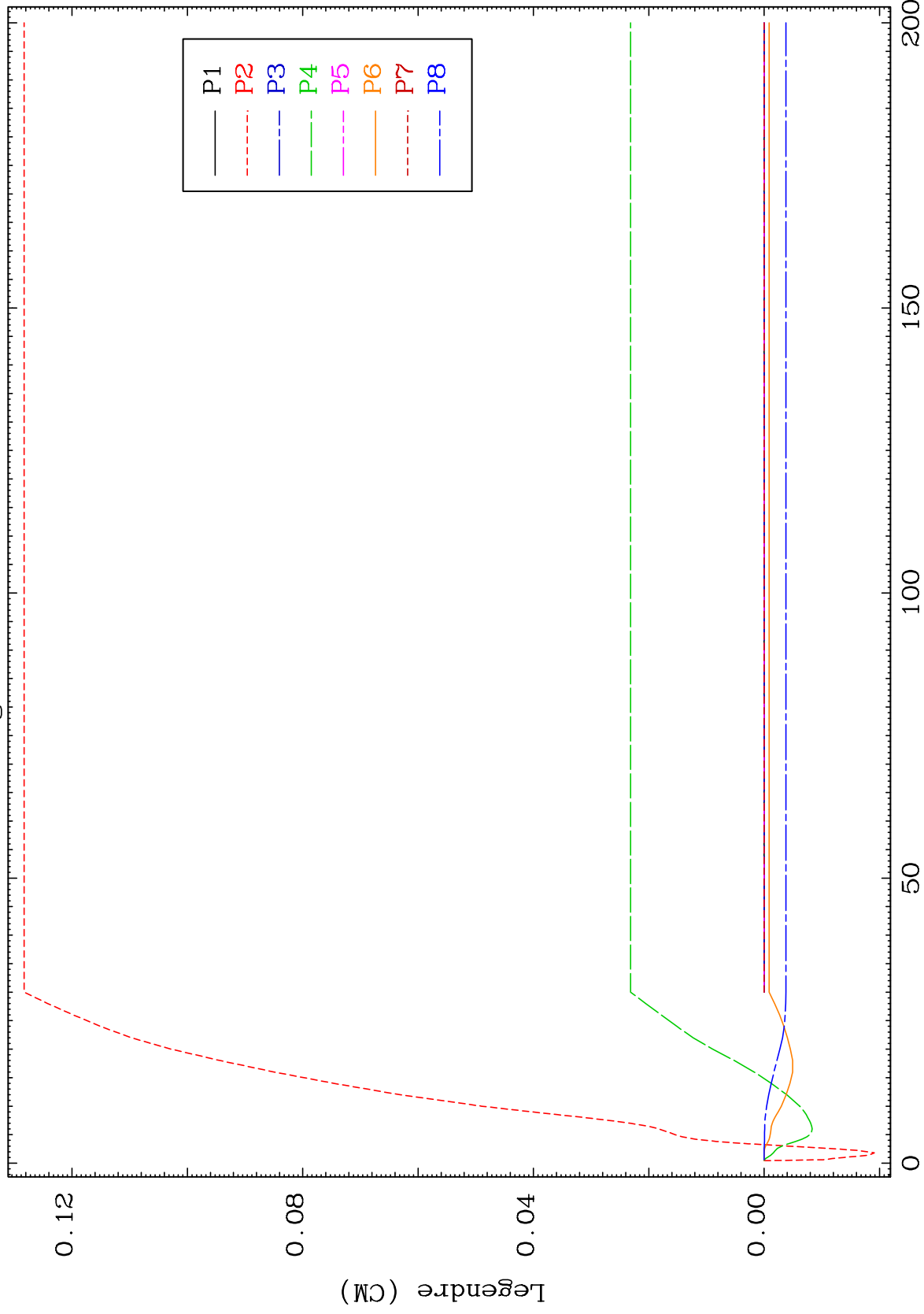
53-I -128



MAT 5328

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

53-I -128



107

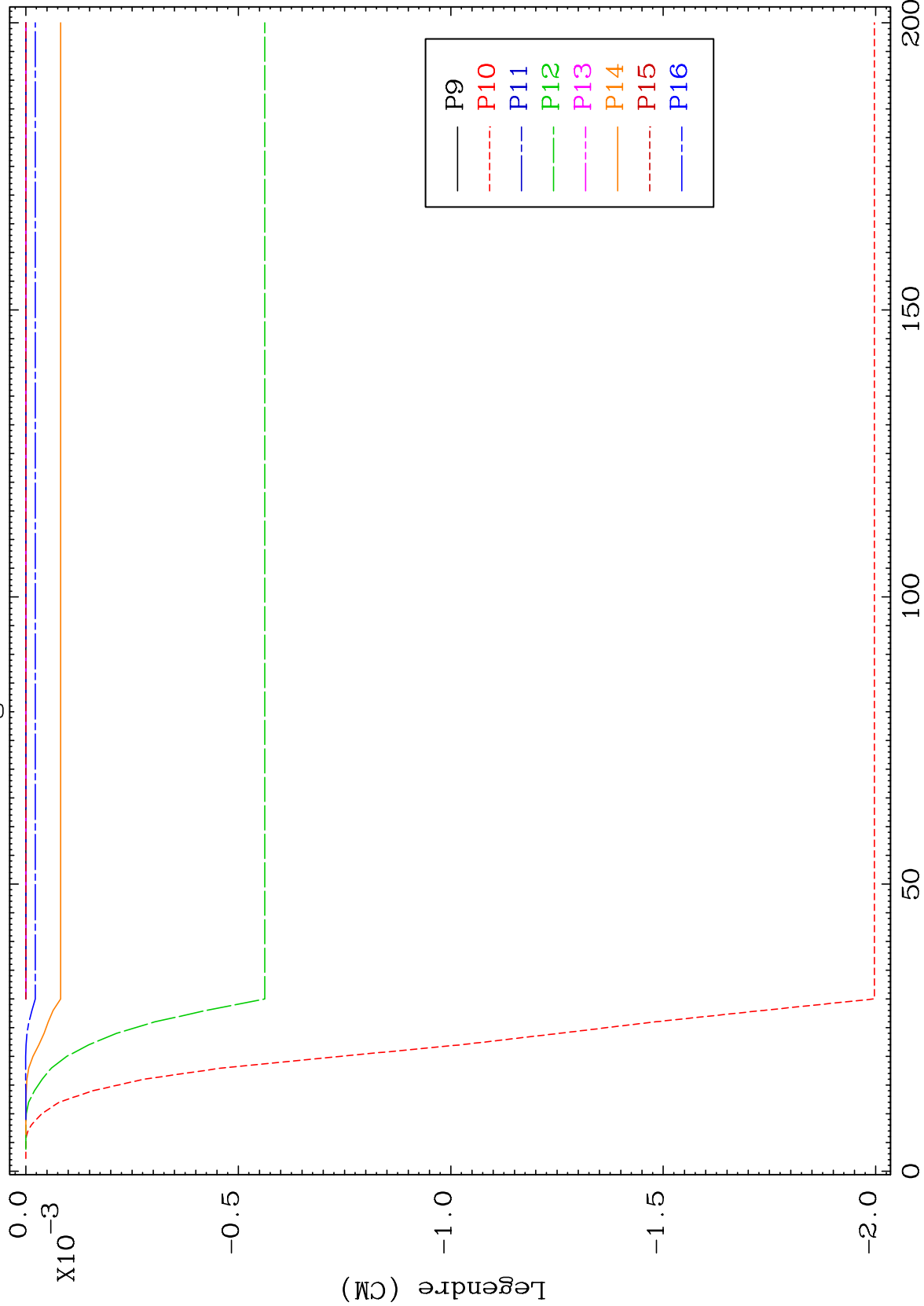
Incident Energy (MeV)

53-I -128

MAT 5328

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

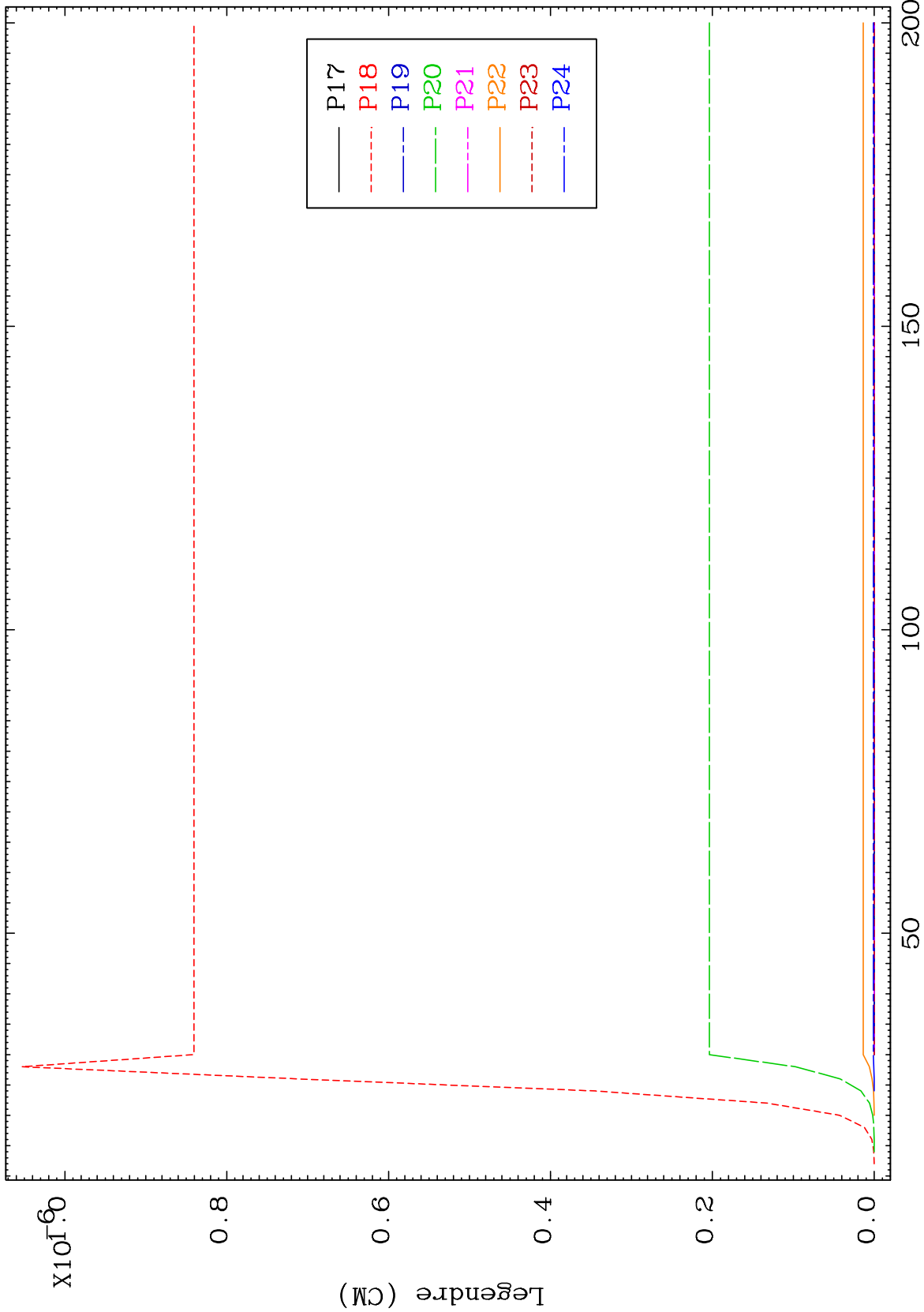
53-I -128



108

Incident Energy (MeV)

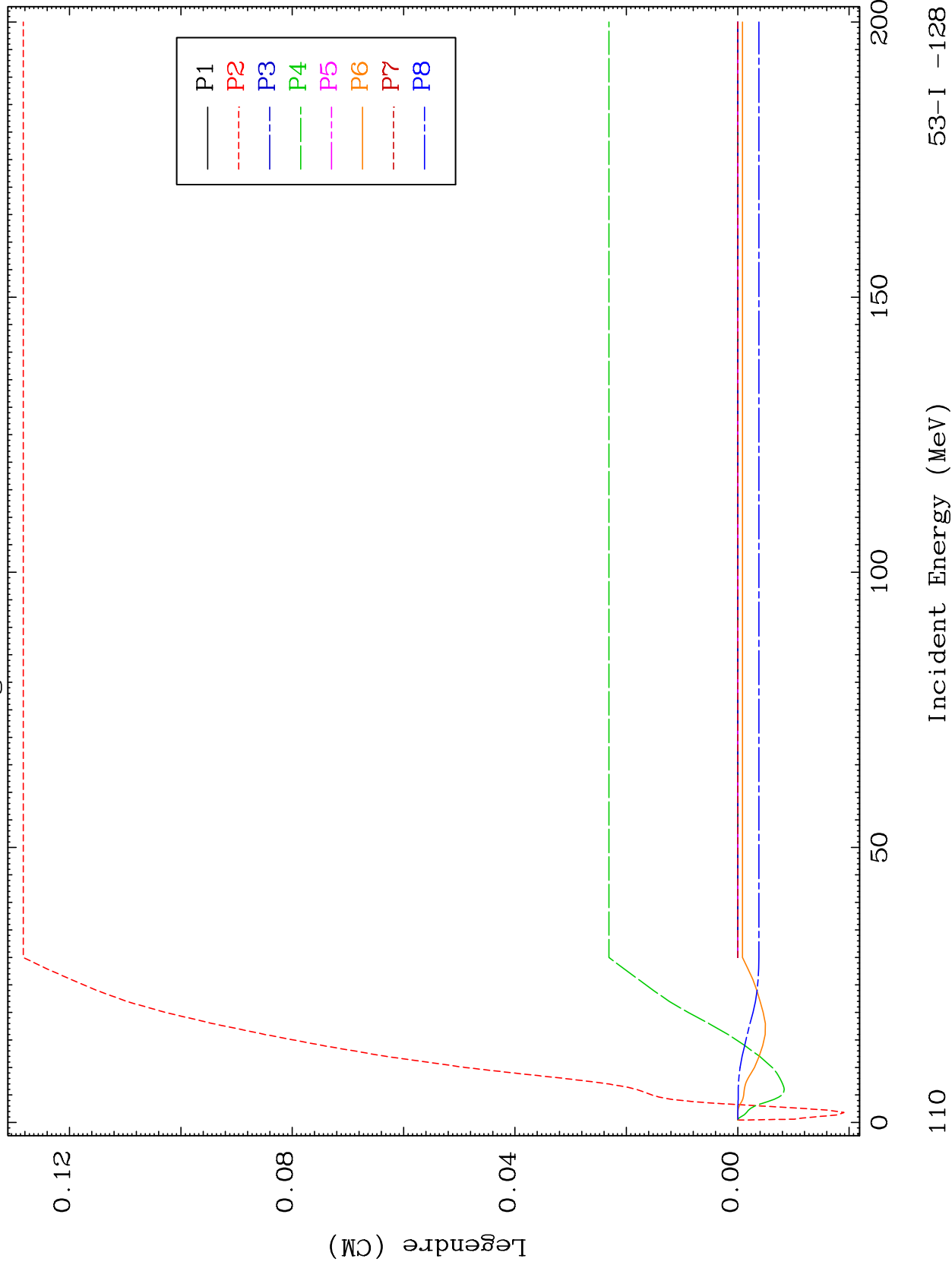
53-I -128



MAT 5328

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

53-I -128



53-I -128

Incident Energy (MeV)

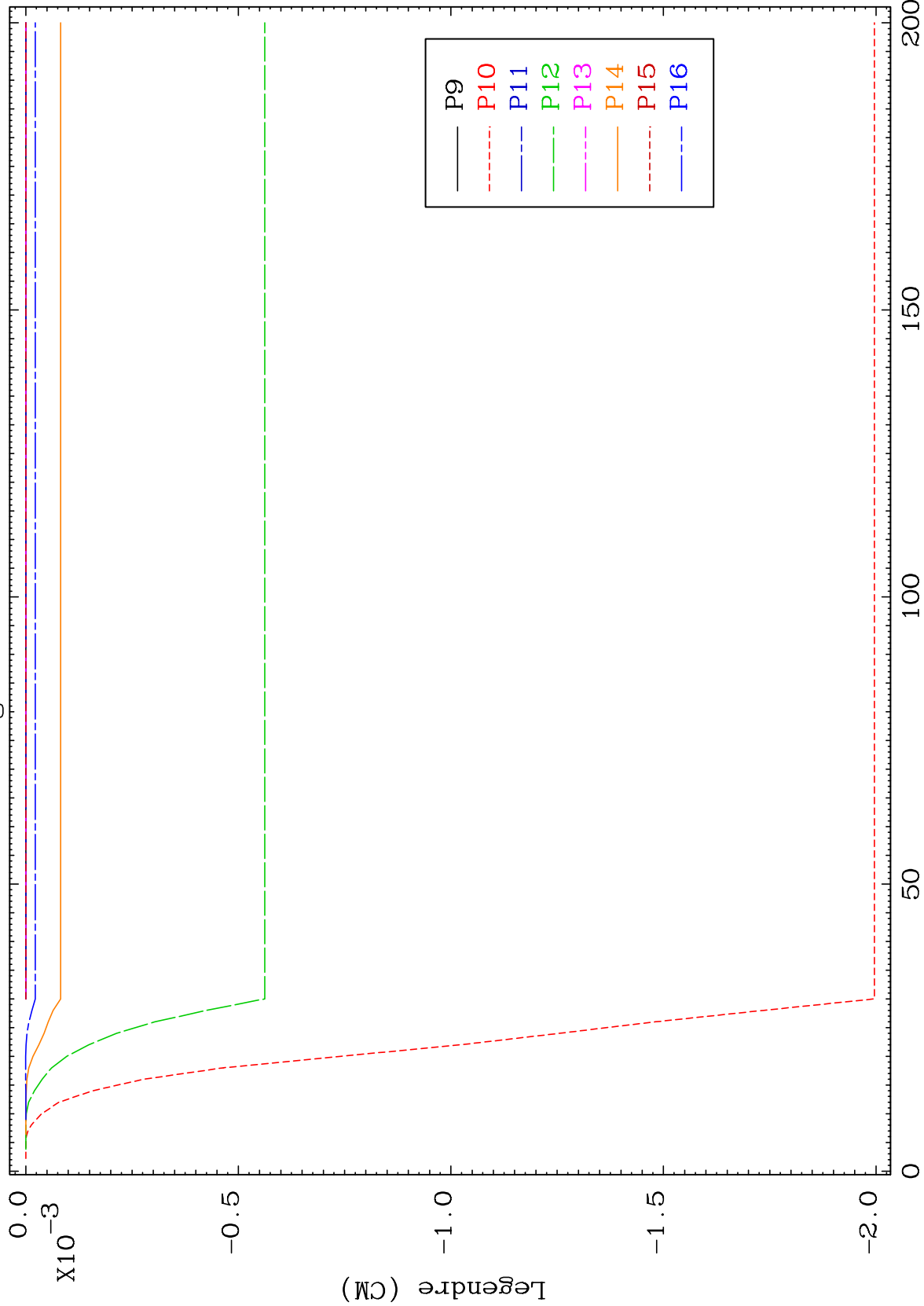
110

MAT 5328

MT= 77 (n,n') Level

53-I -128

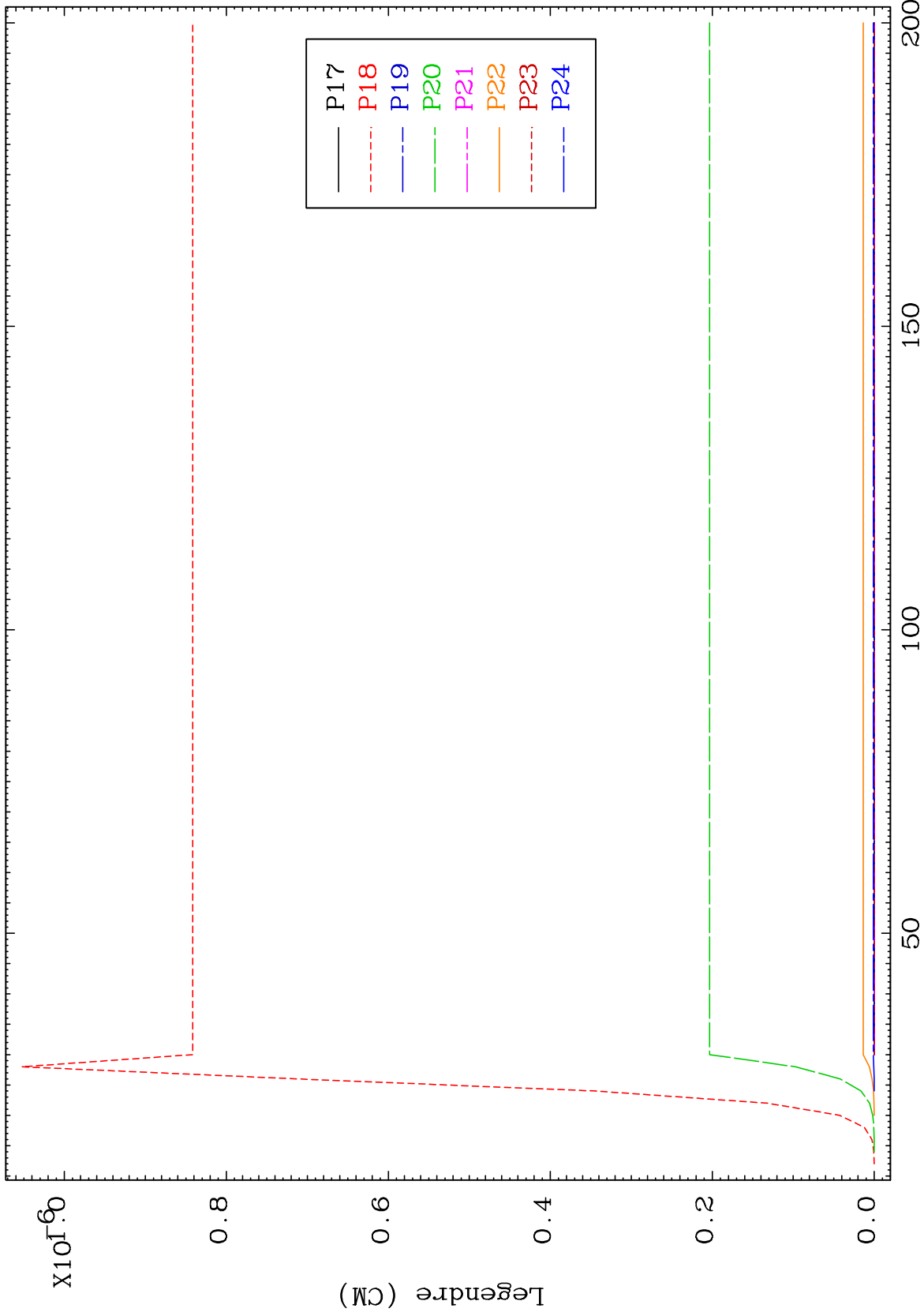
Legendre Coefficients

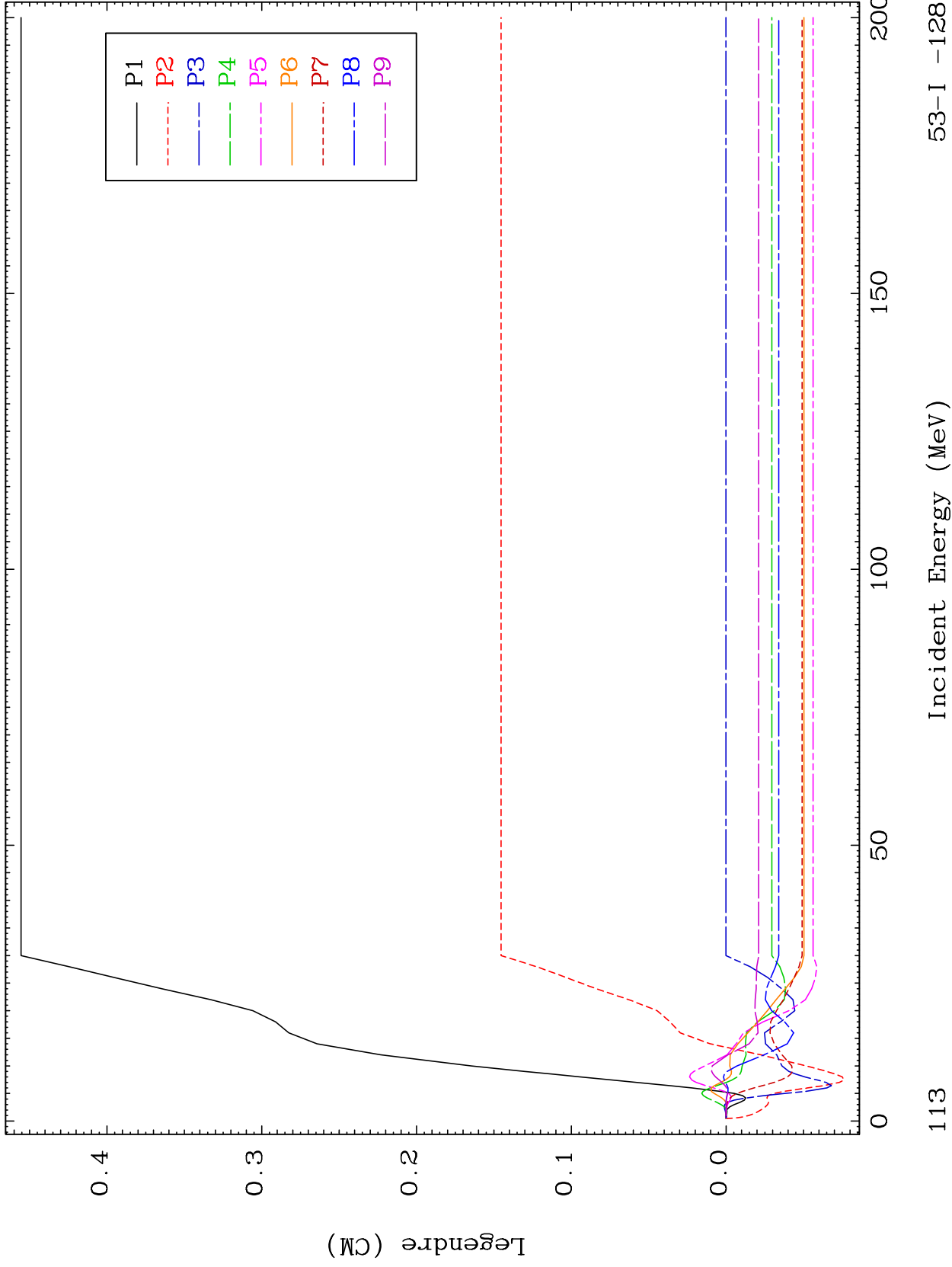


111

Incident Energy (MeV)

53-I -128

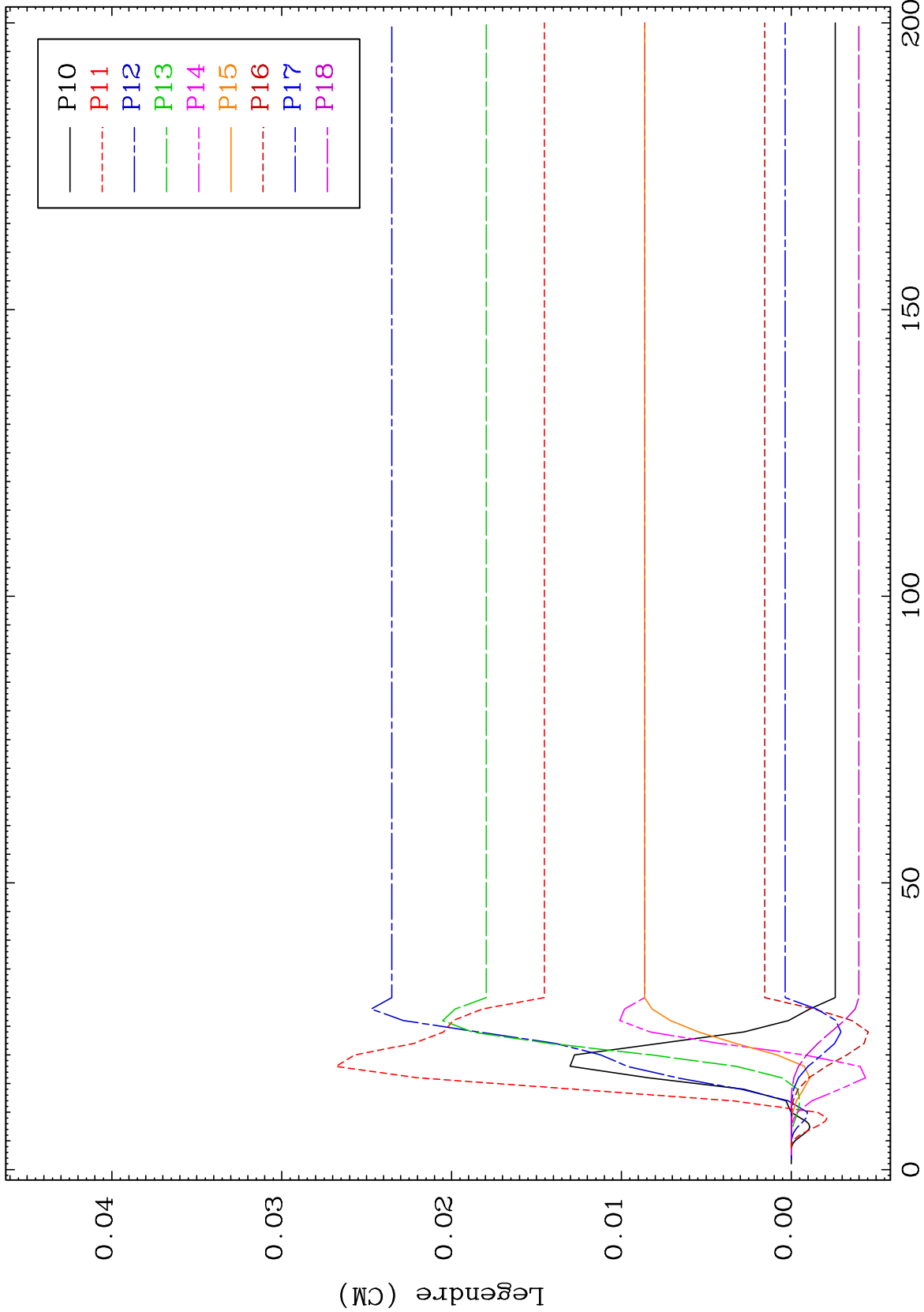




MAT 5328

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

53-I -128



114

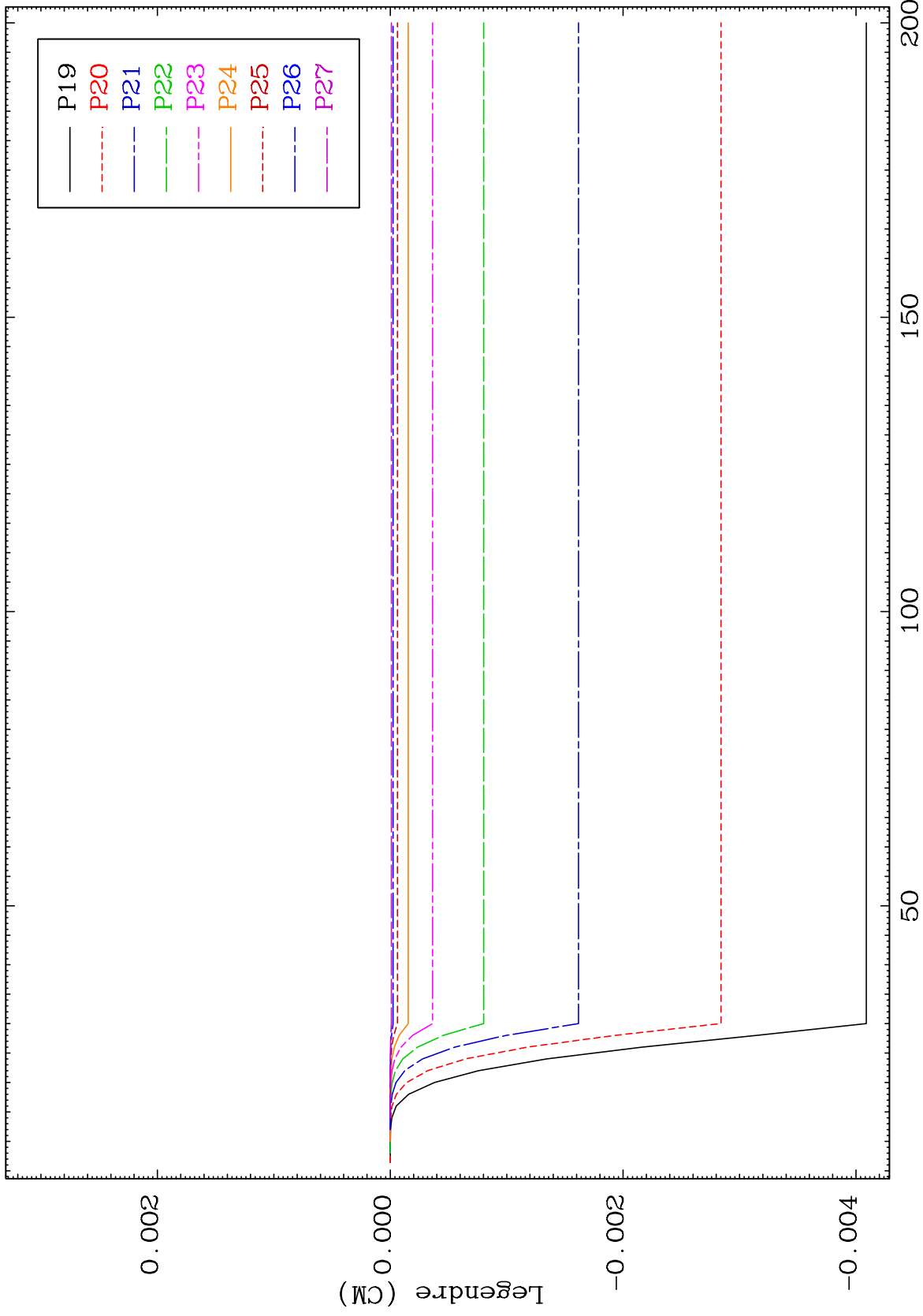
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



115

Incident Energy (MeV)

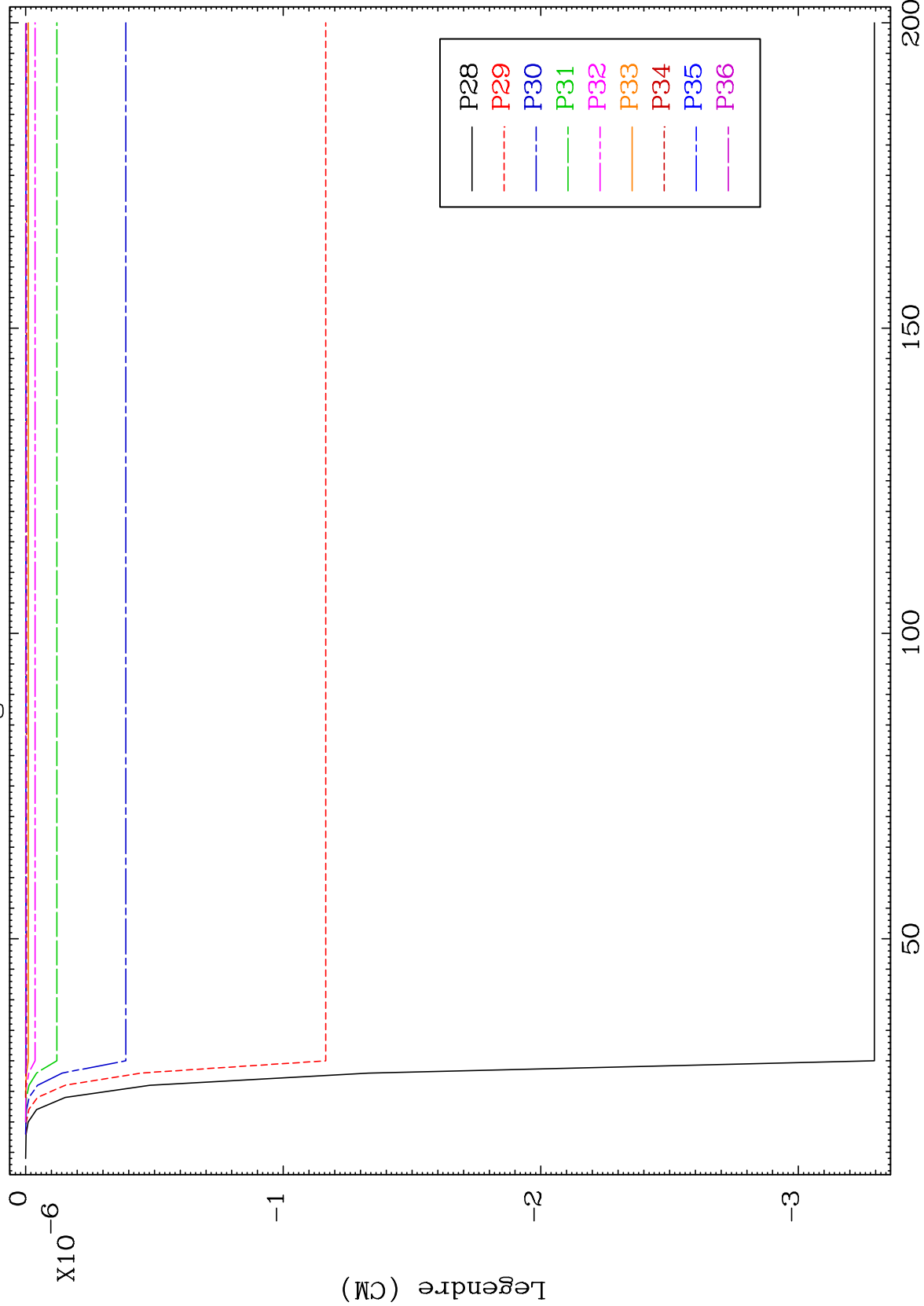
53-I -128

MAT 5328

MT= 78 (n,n') Level

53-I -128

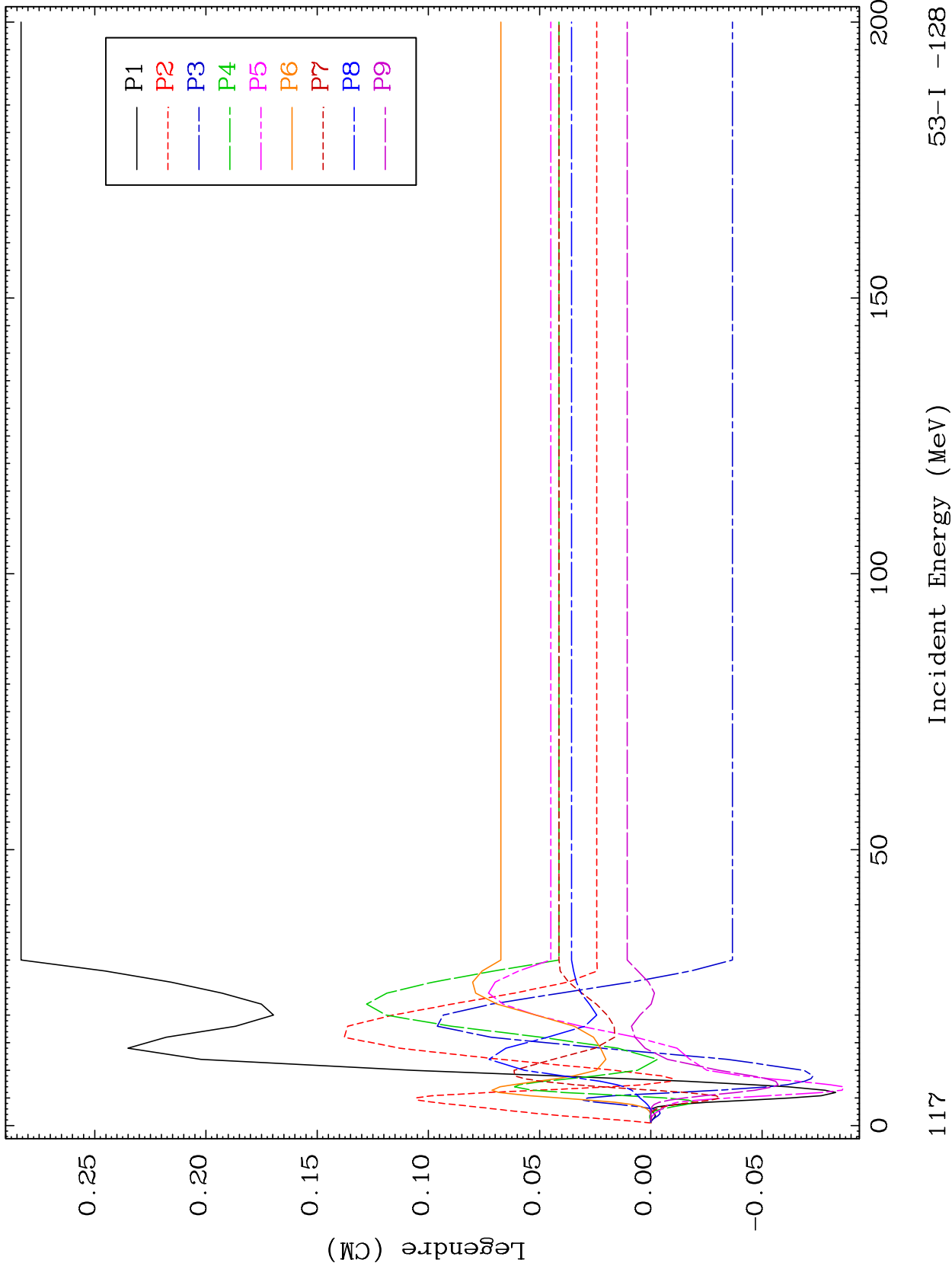
Legendre Coefficients



53-I -128

Incident Energy (MeV)

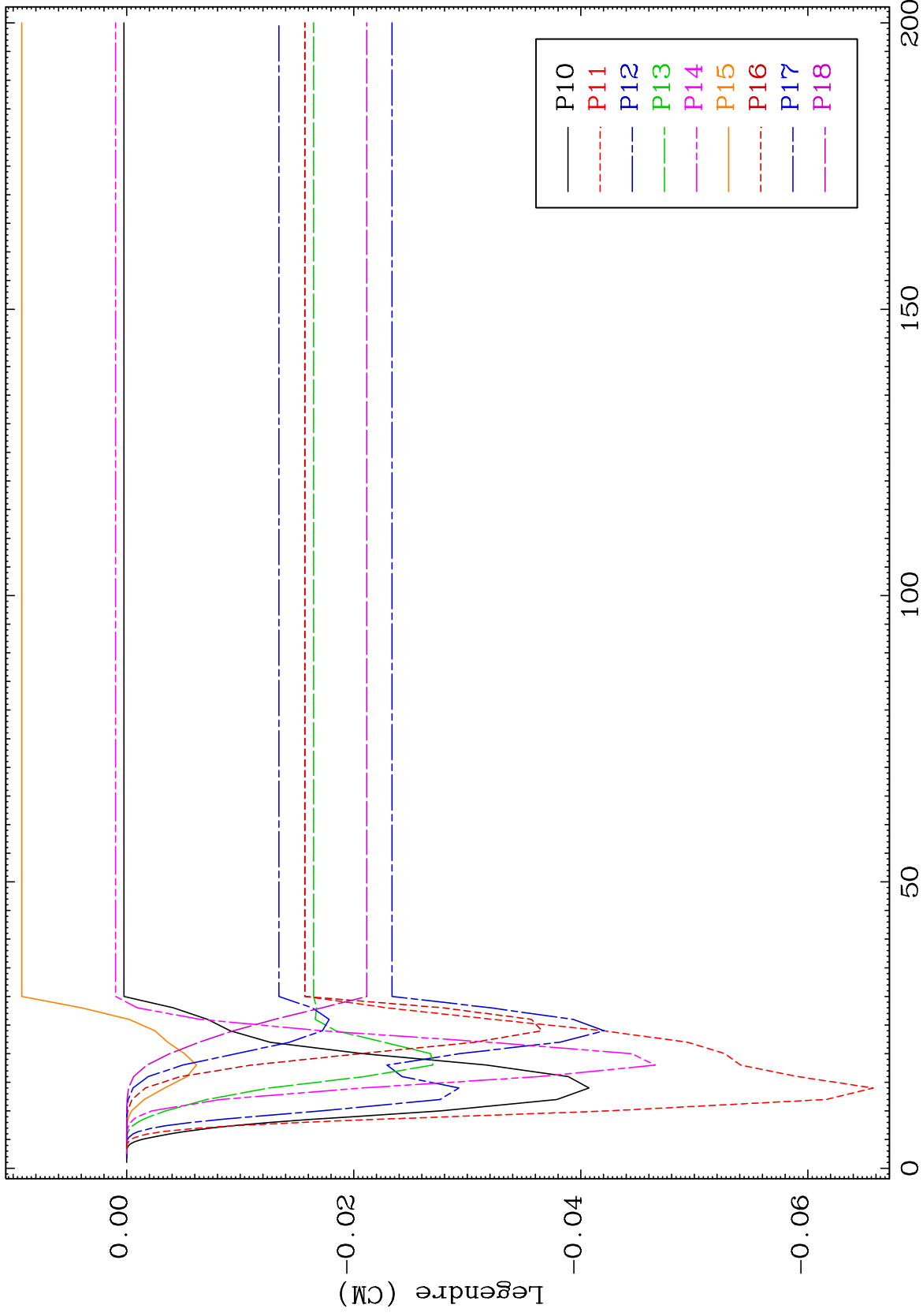
116



MAT 5328

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

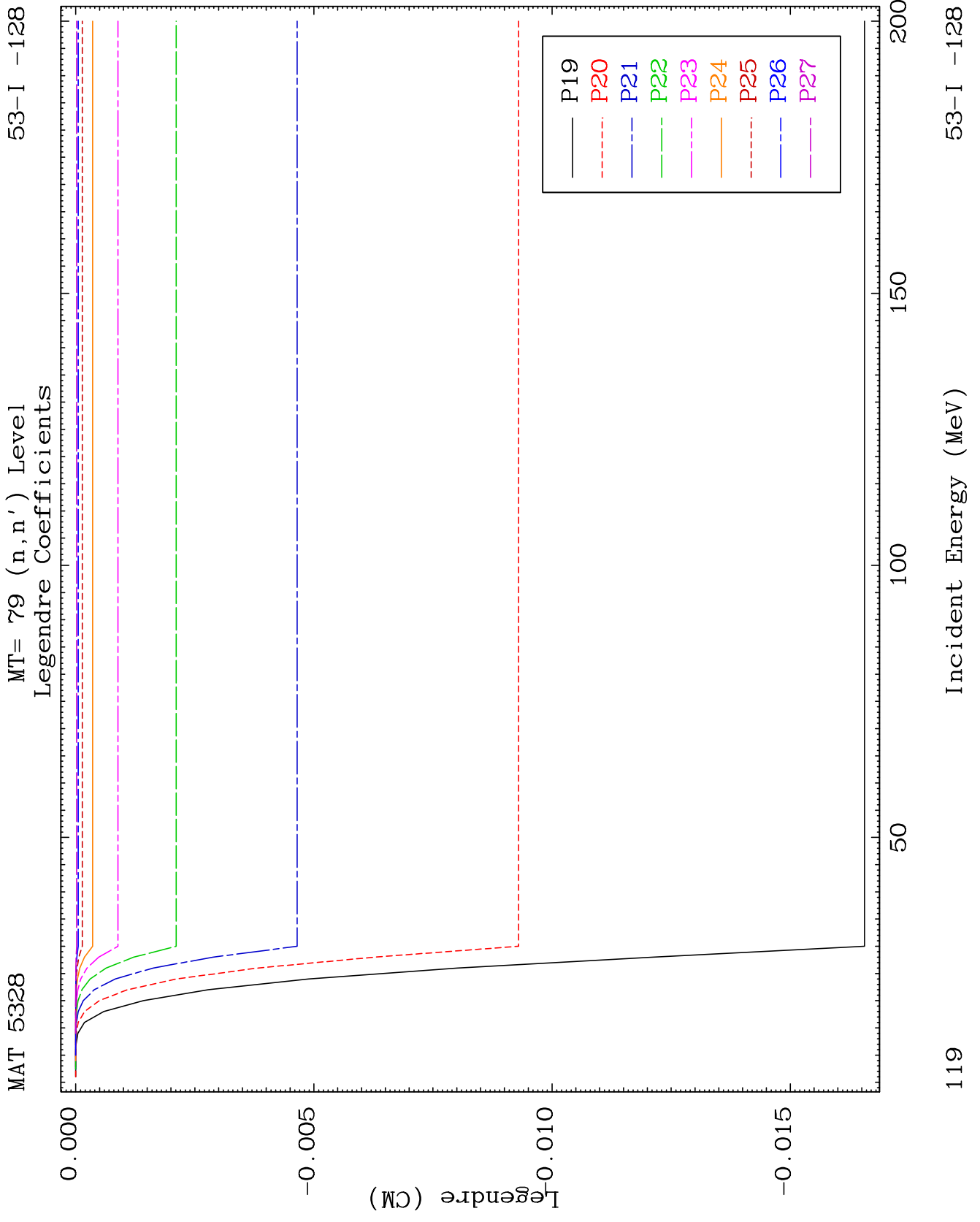
53-I -128



118

Incident Energy (MeV)

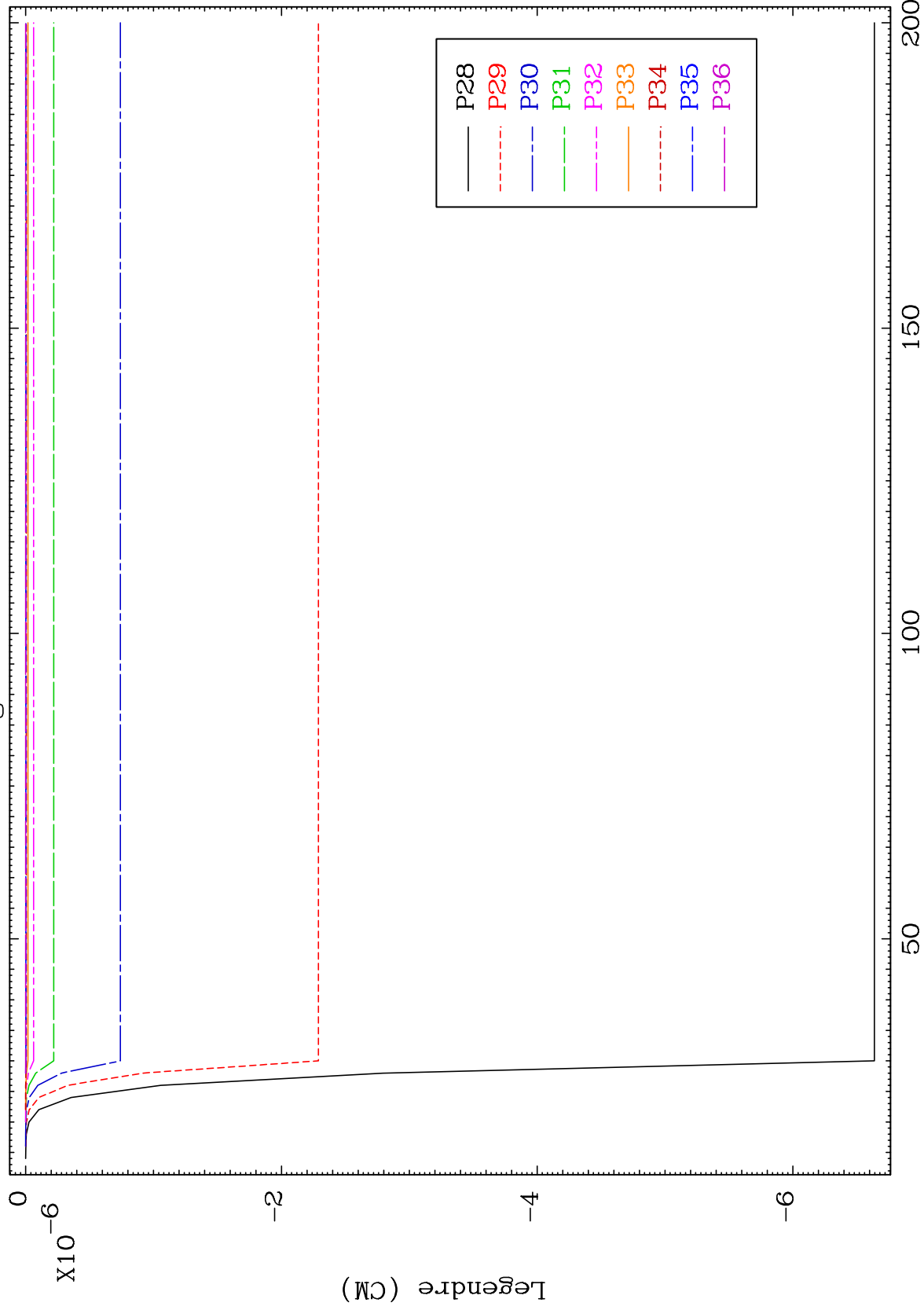
53-I -128



MAT 5328

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

53-I -128



120

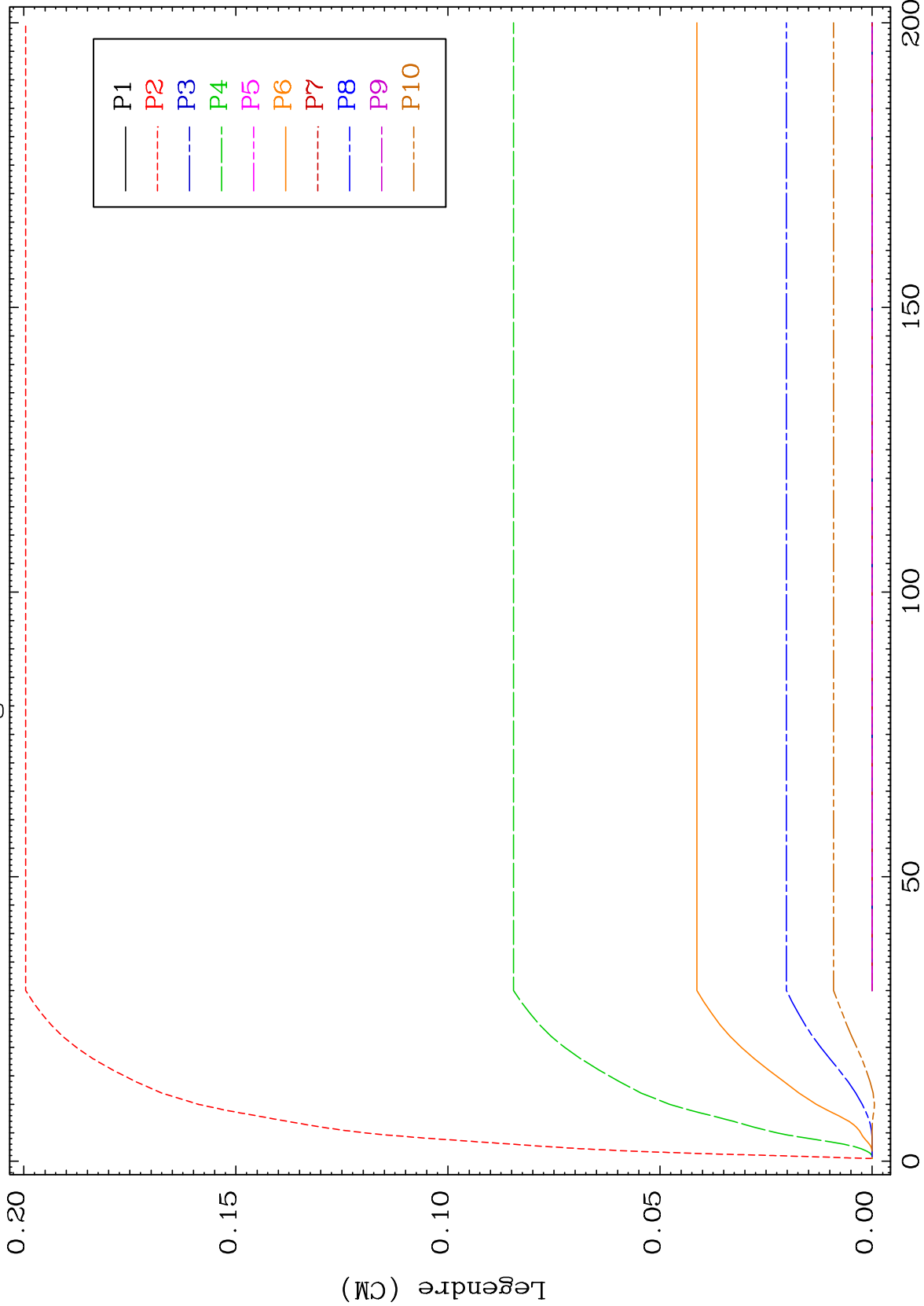
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



121

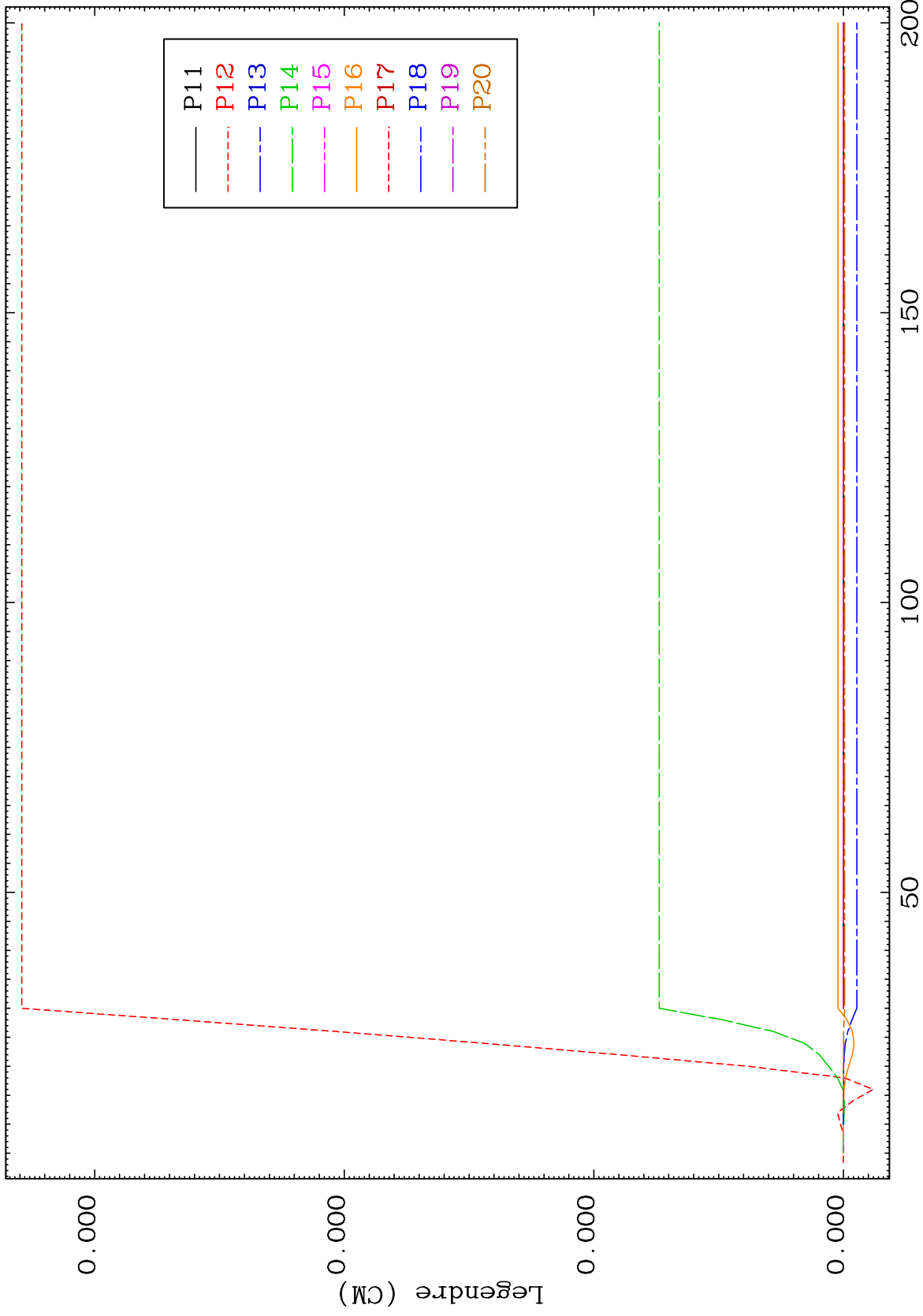
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128



122

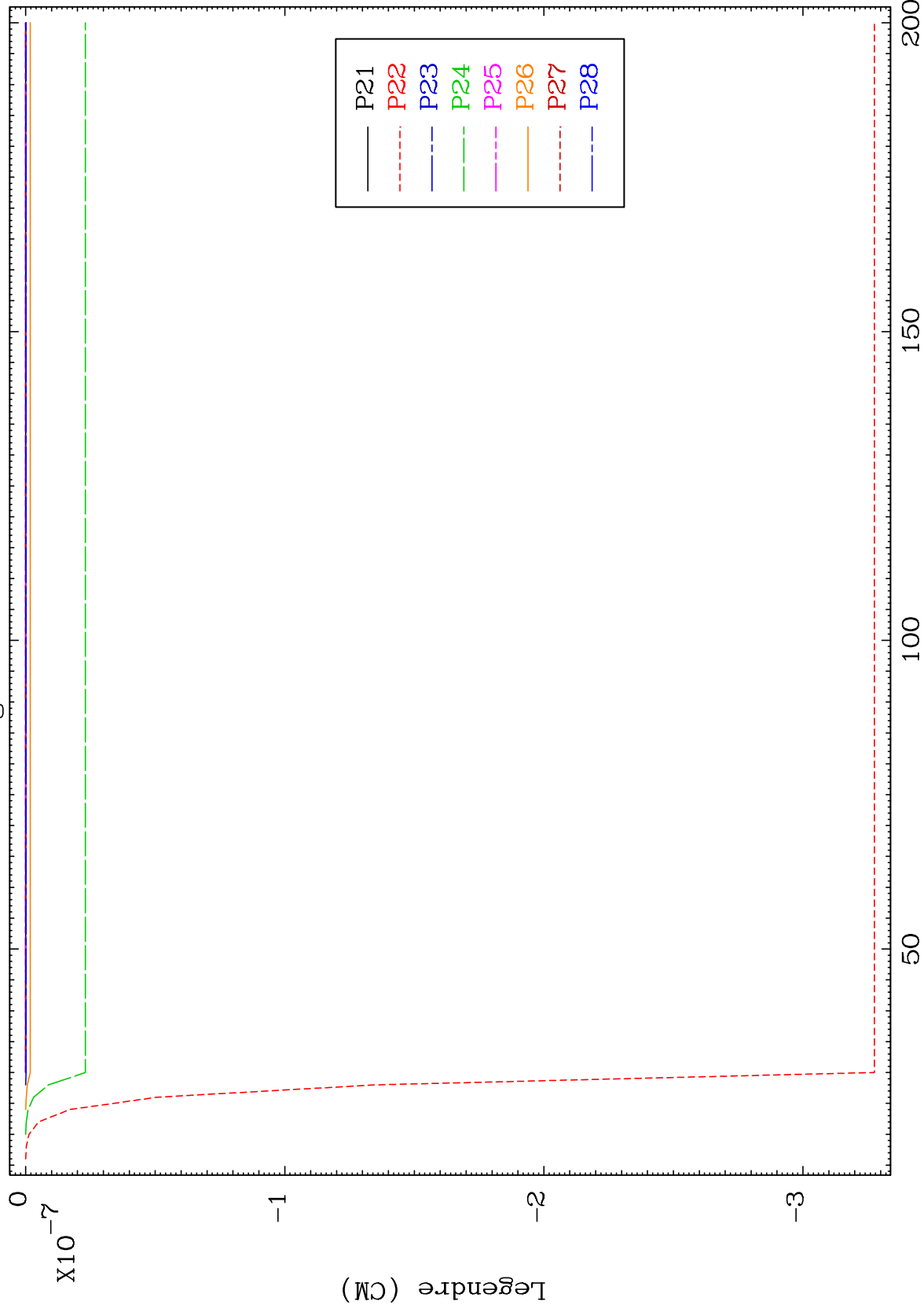
Incident Energy (MeV)

53-I -128

MAT 5328

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

53-I -128

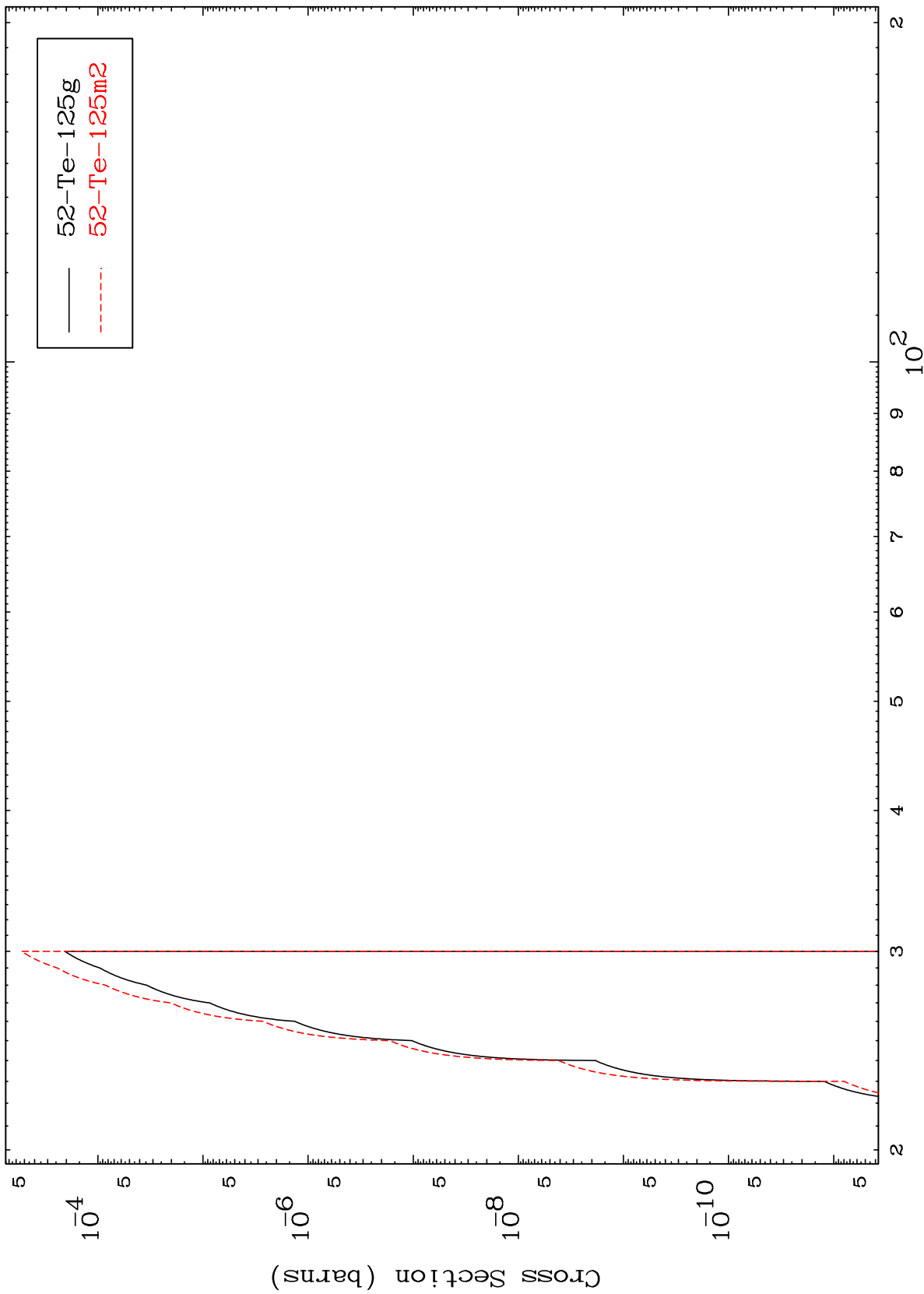


123

Incident Energy (MeV)

53-I -128

Radionuclide Production Cross Section

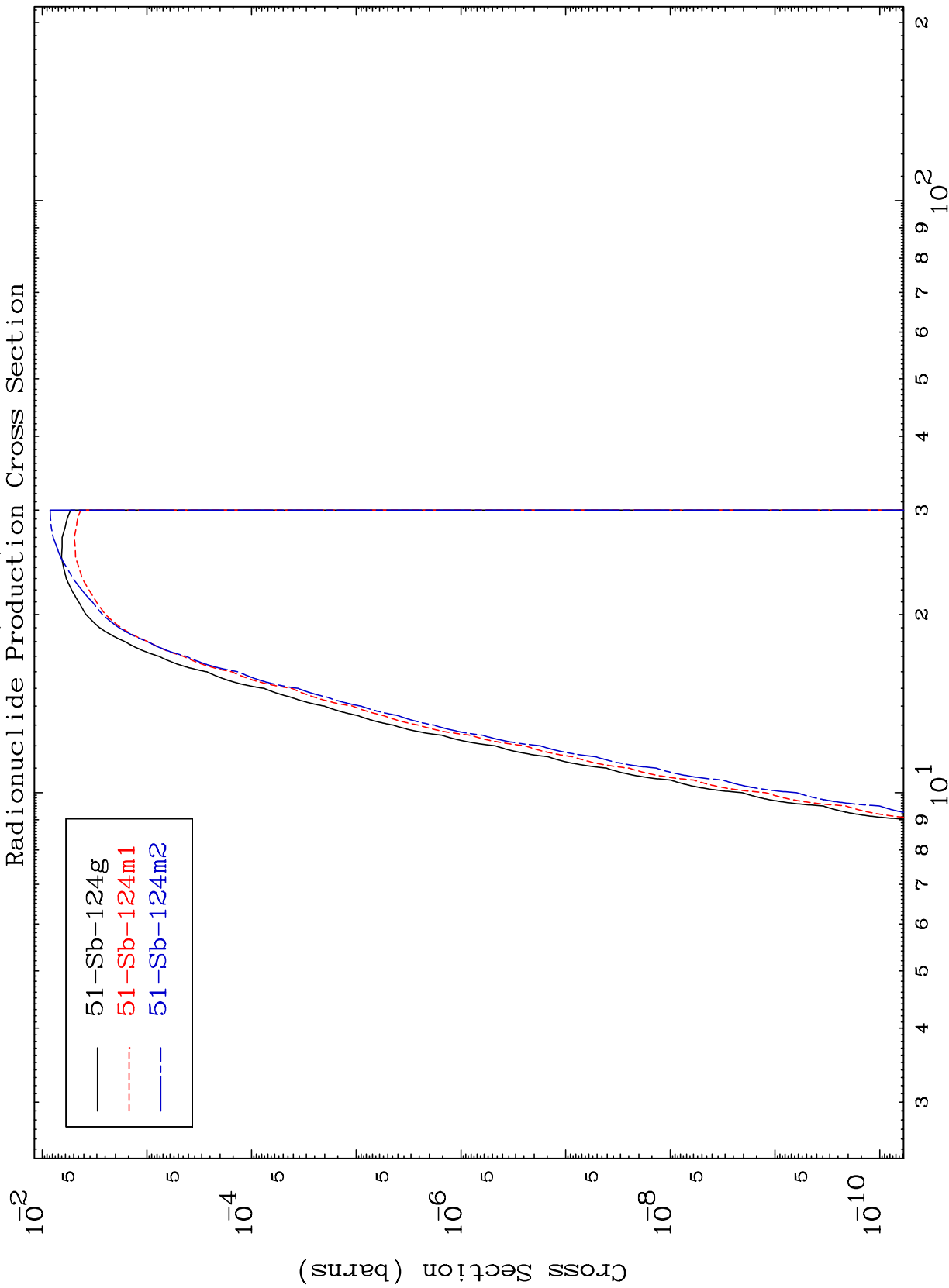


MAT 5328

(n,n') α

53-I -128

Radionuclide Production Cross Section



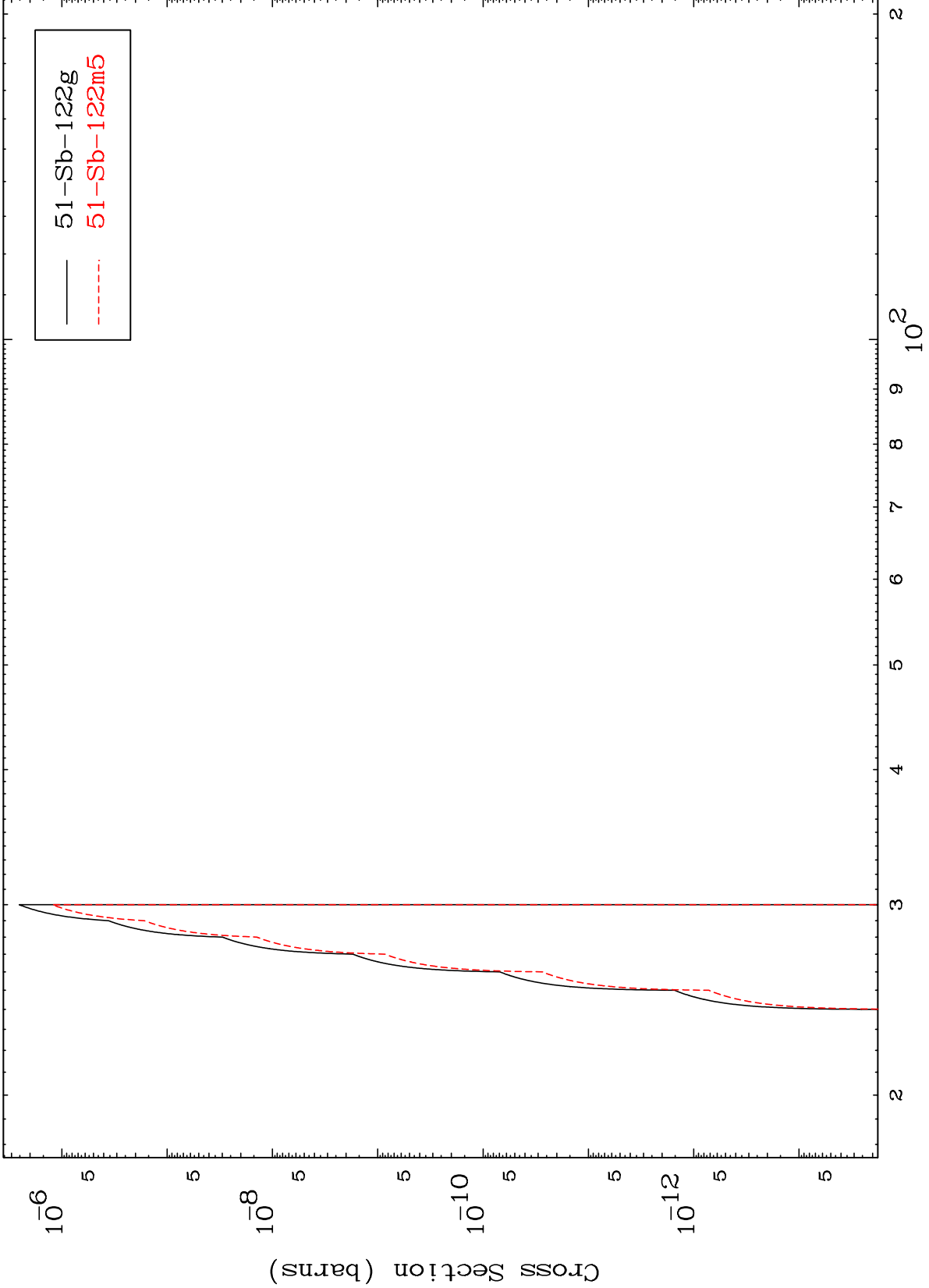
51-Sb-124g
51-Sb-124m1
51-Sb-124m2

125

Incident Energy (MeV)

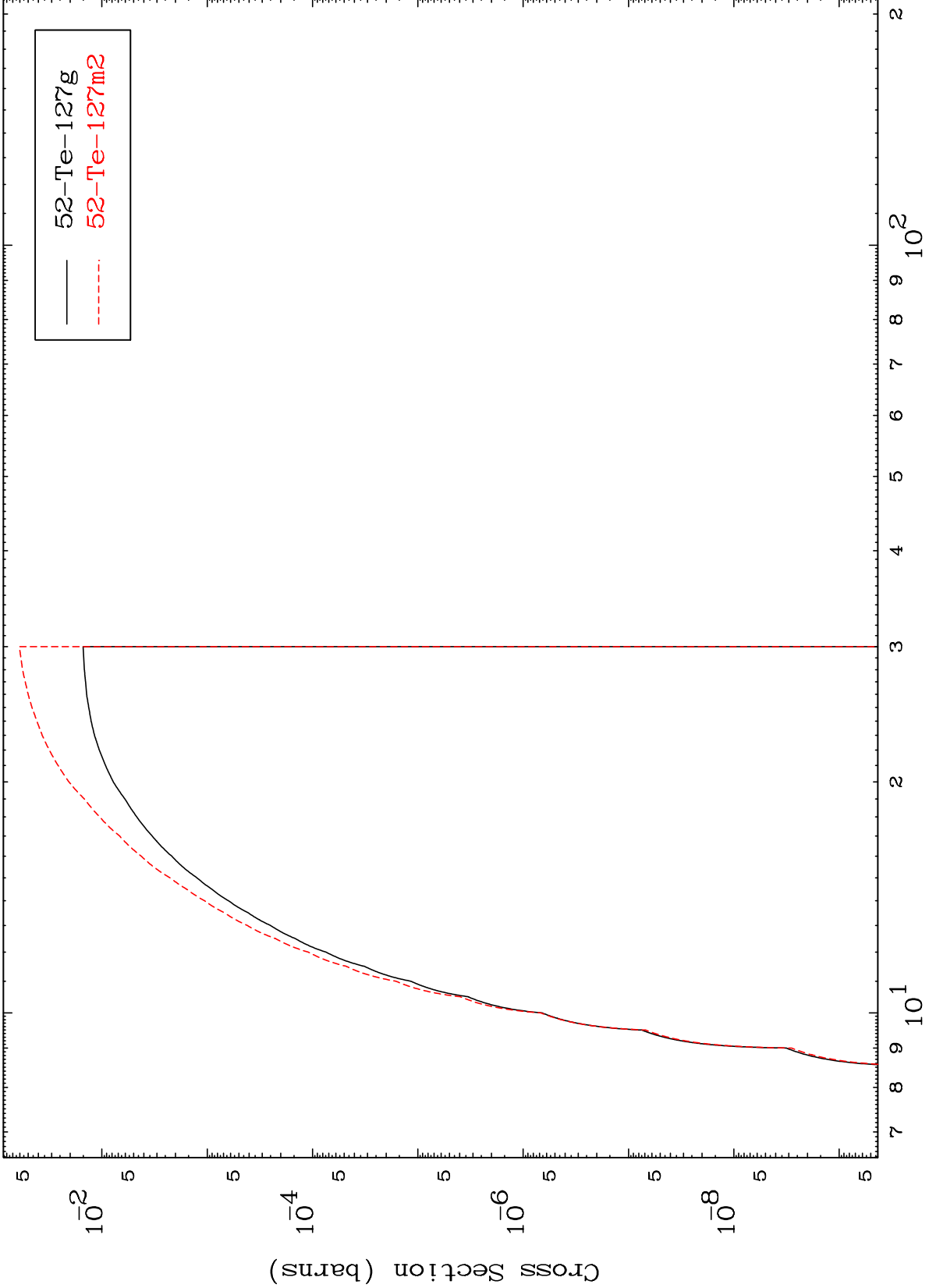
53-I -128

Radionuclide Production Cross Section

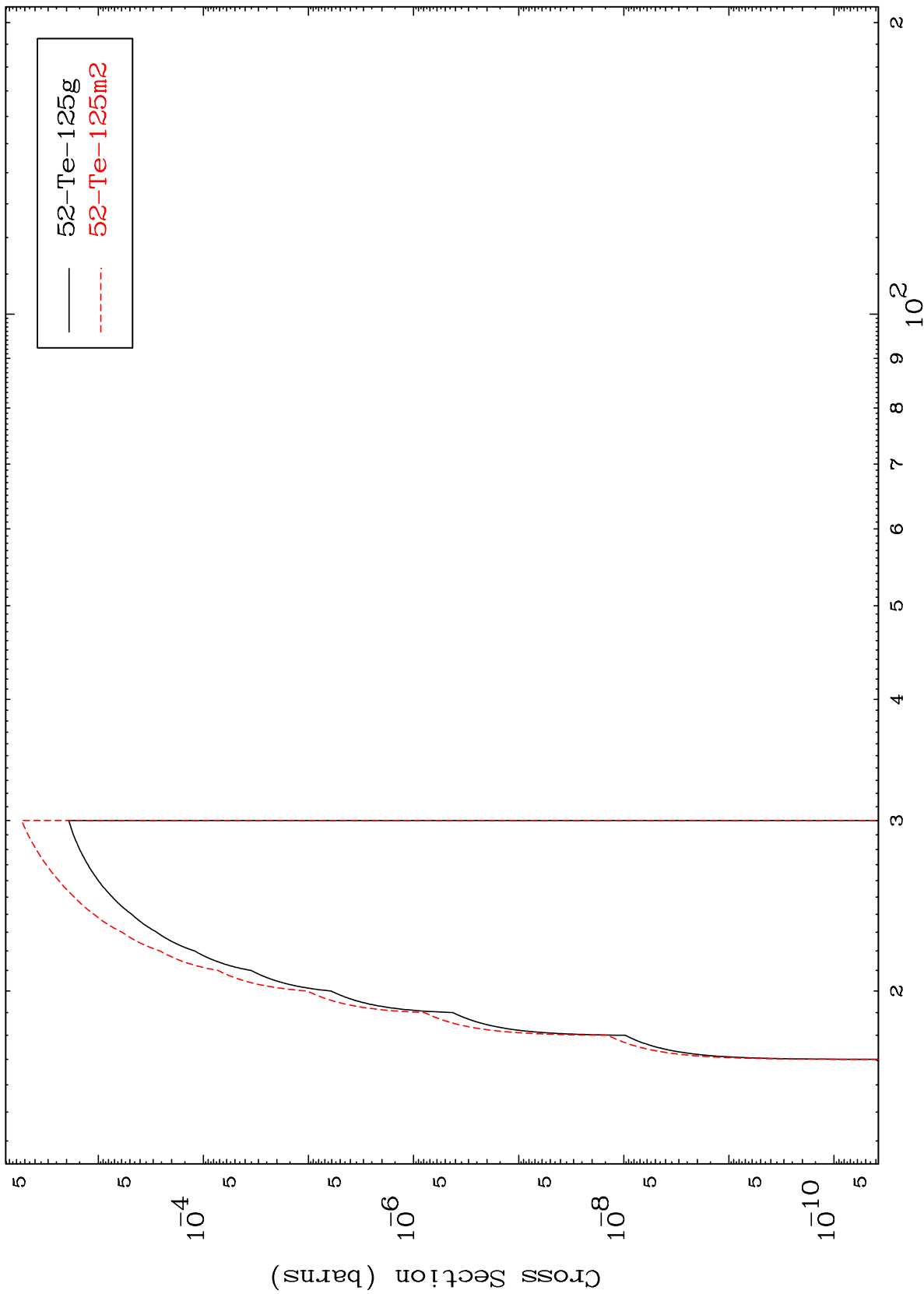


— 51-Sb-122g
- - - 51-Sb-122m5

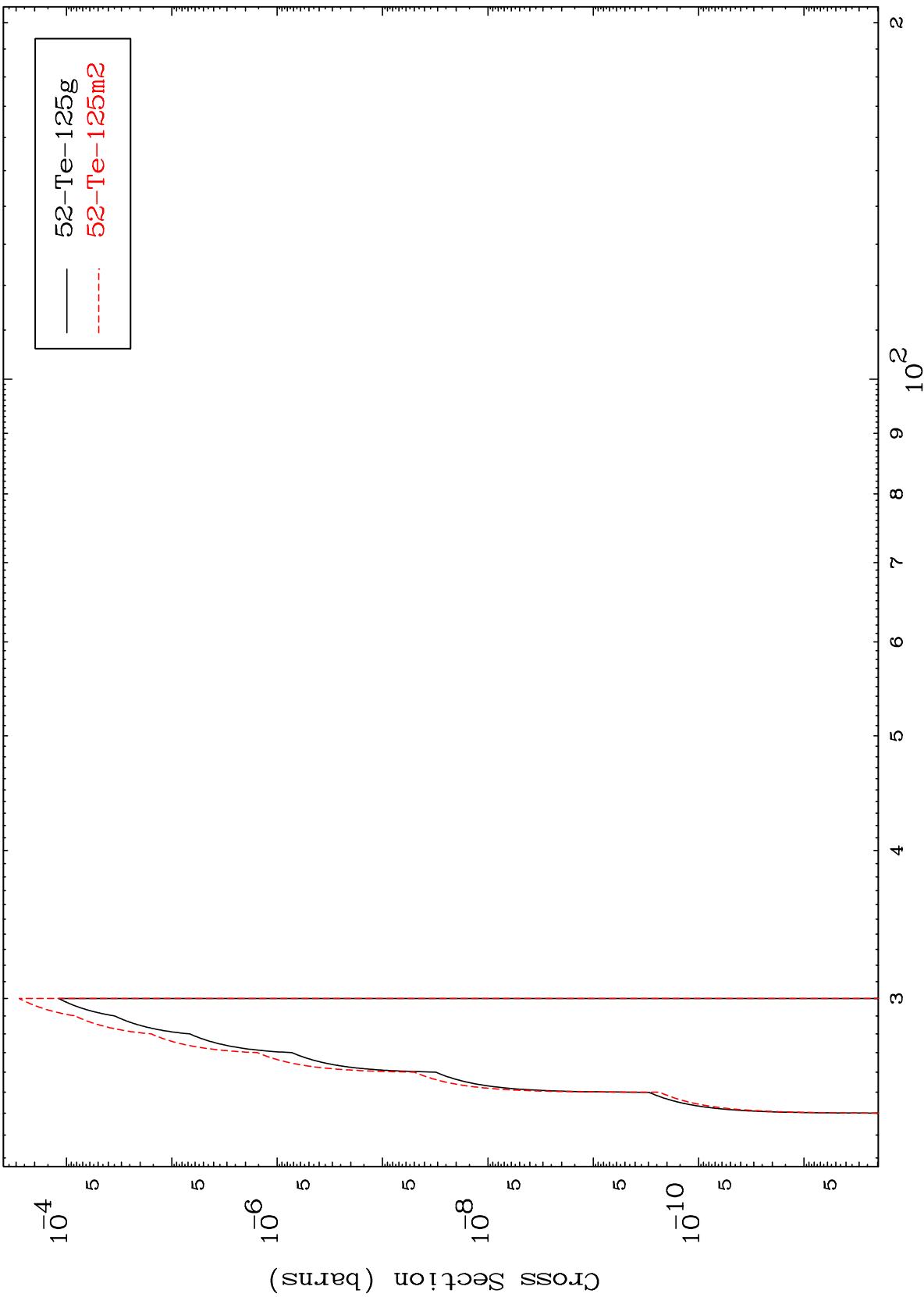
Radionuclide Production Cross Section



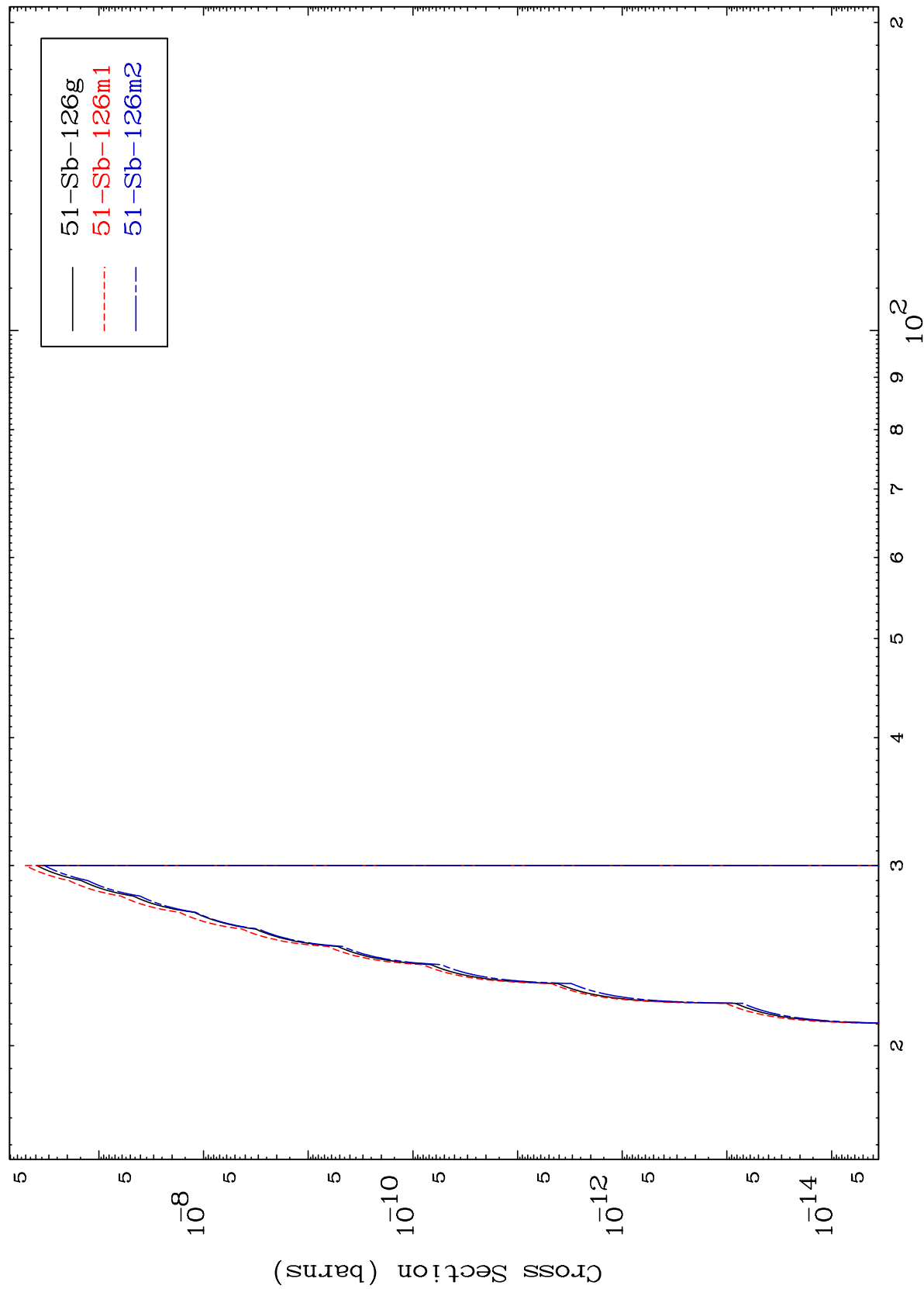
Radionuclide Production Cross Section



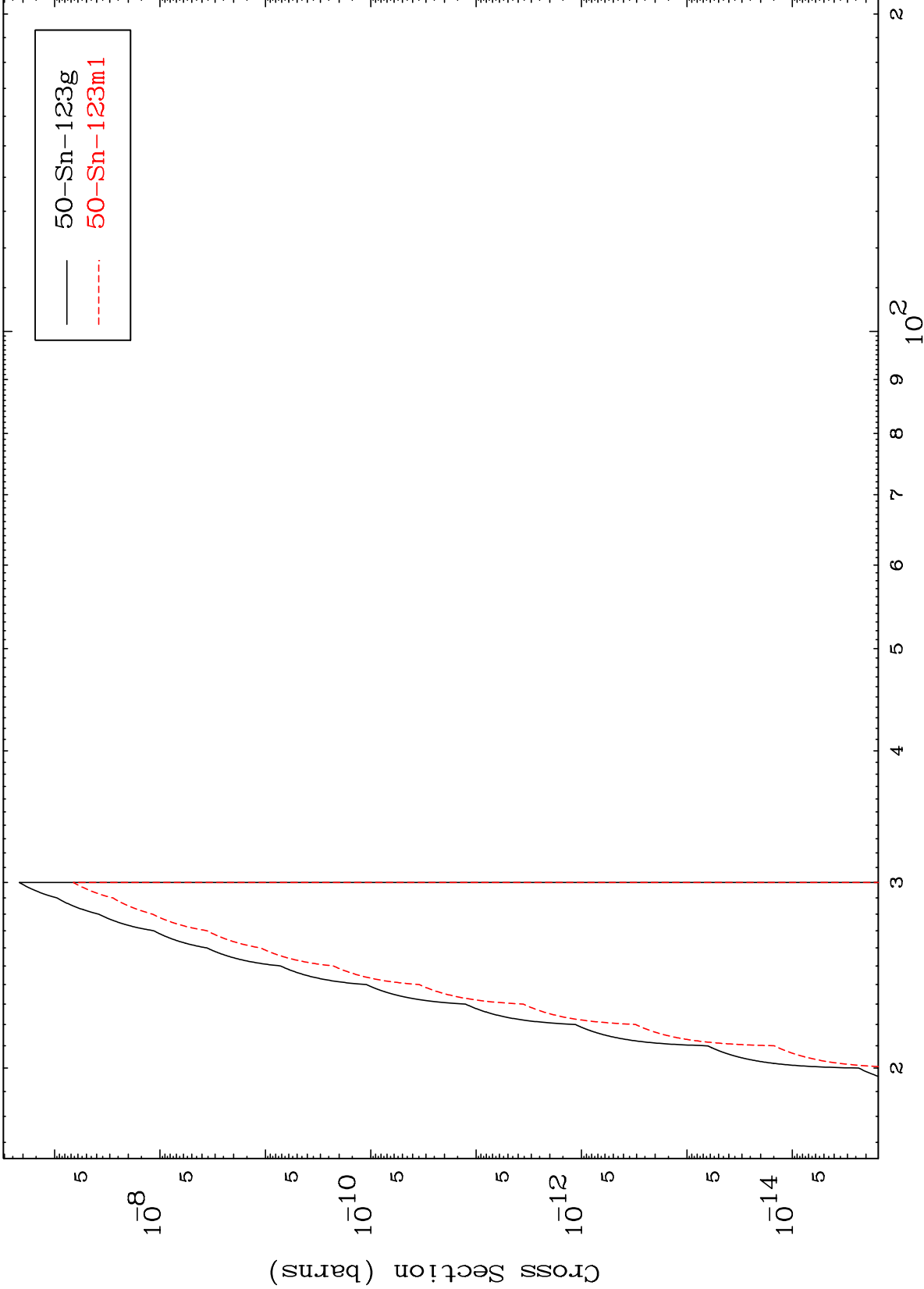
Radionuclide Production Cross Section



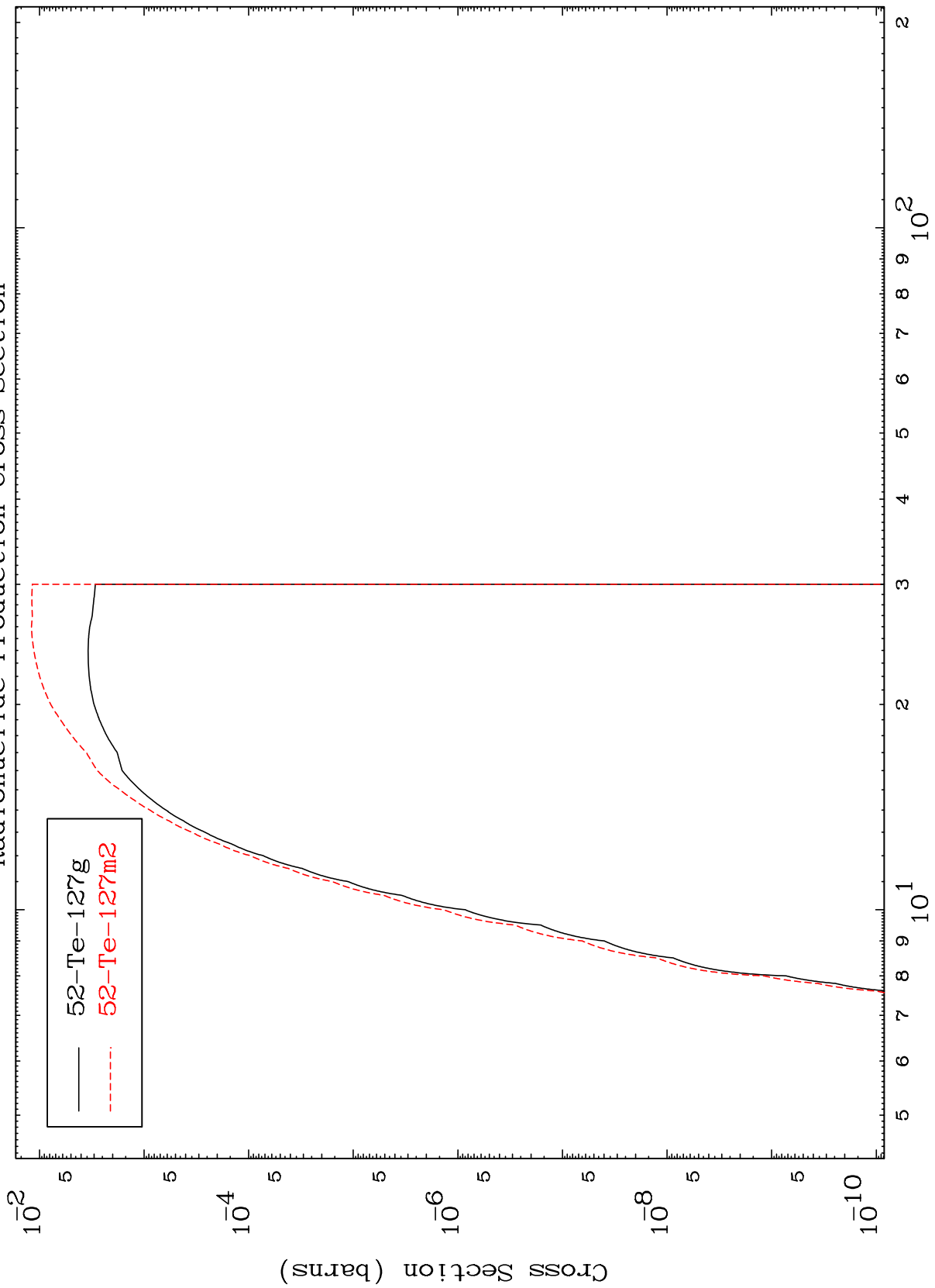
Radionuclide Production Cross Section



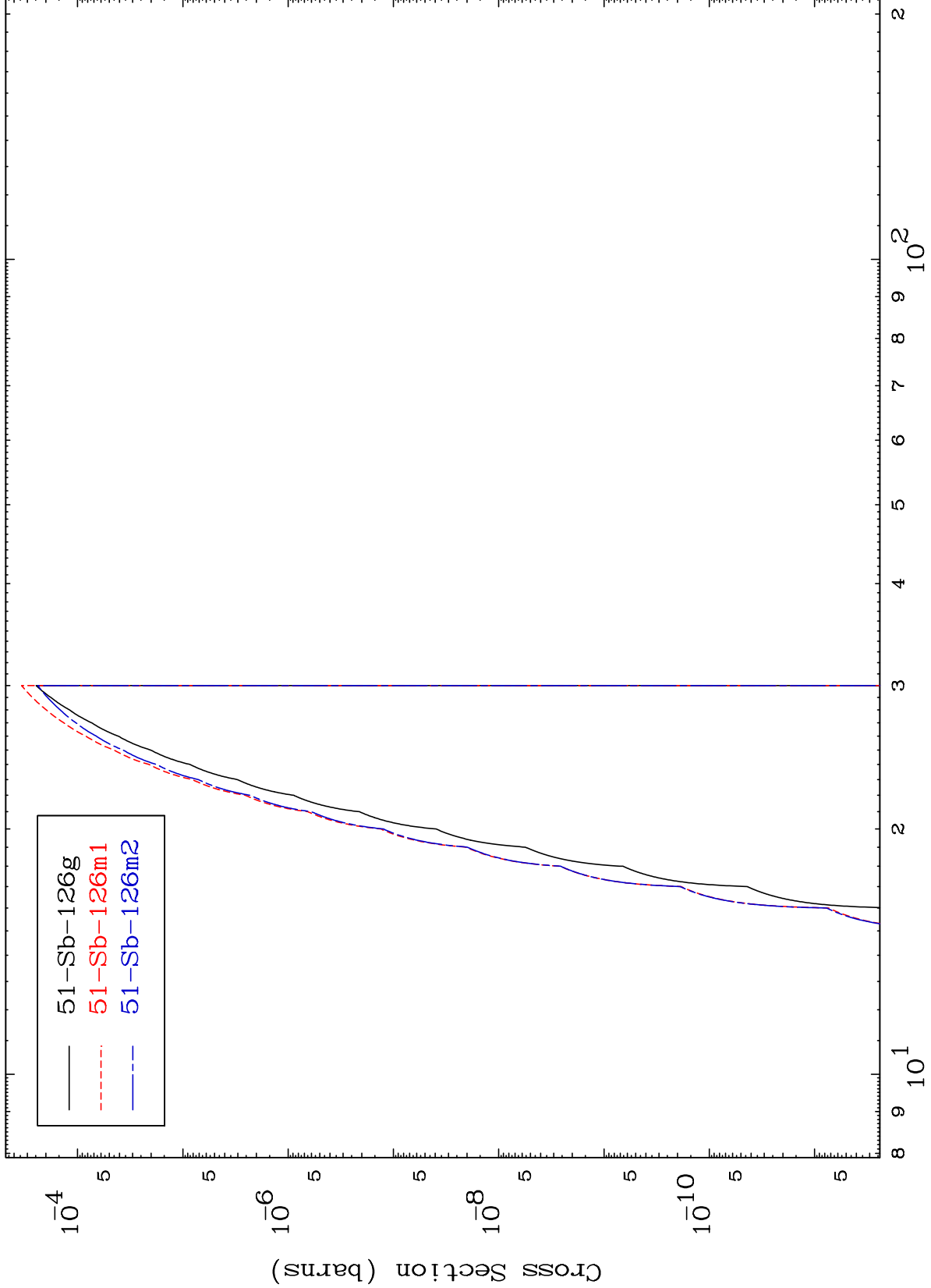
Radionuclide Production Cross Section



(n,d)
Radionuclide Production Cross Section



Radionuclide Production Cross Section



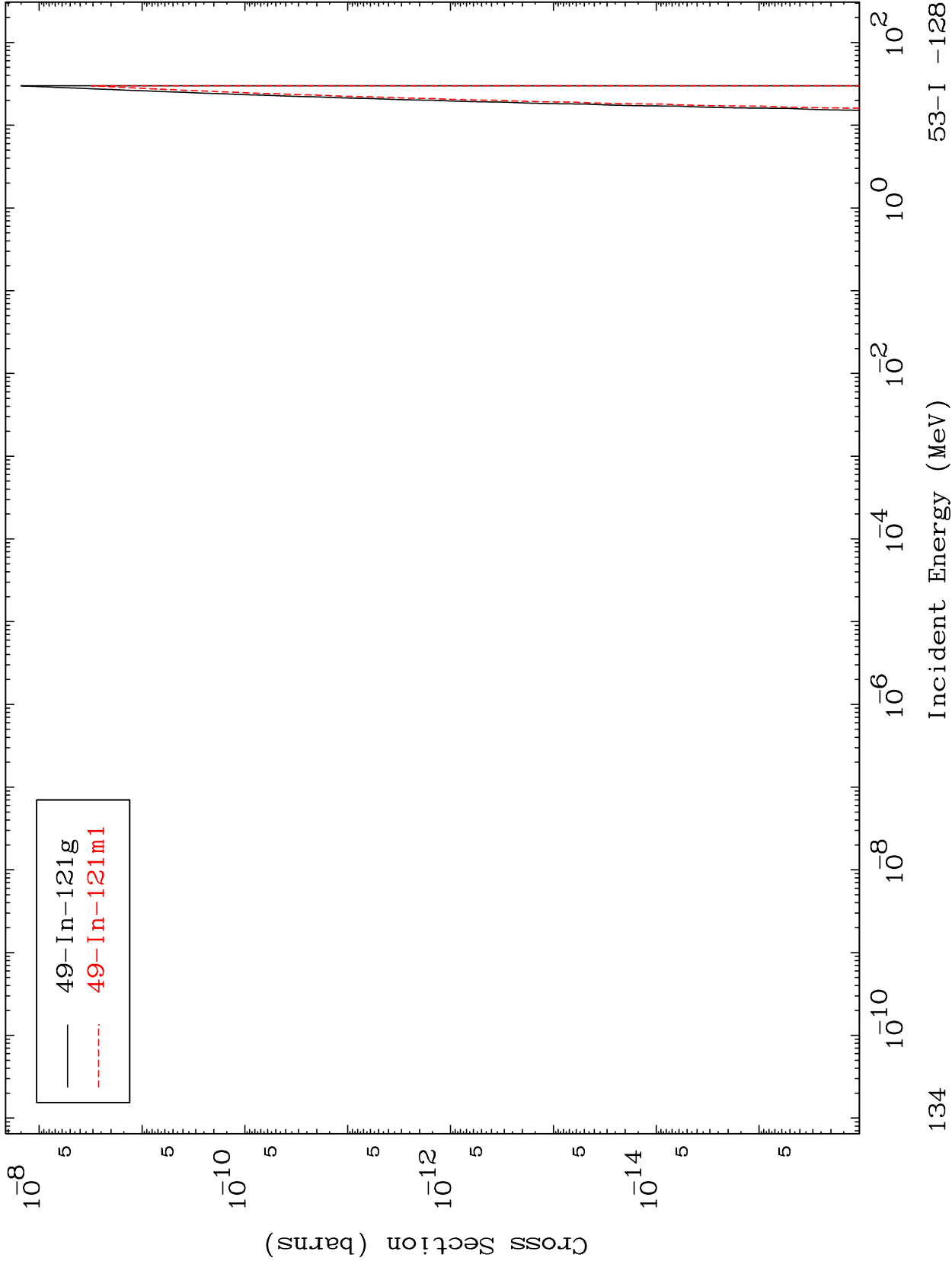
51-Sb-126g
51-Sb-126m1
51-Sb-126m2

MAT 5328

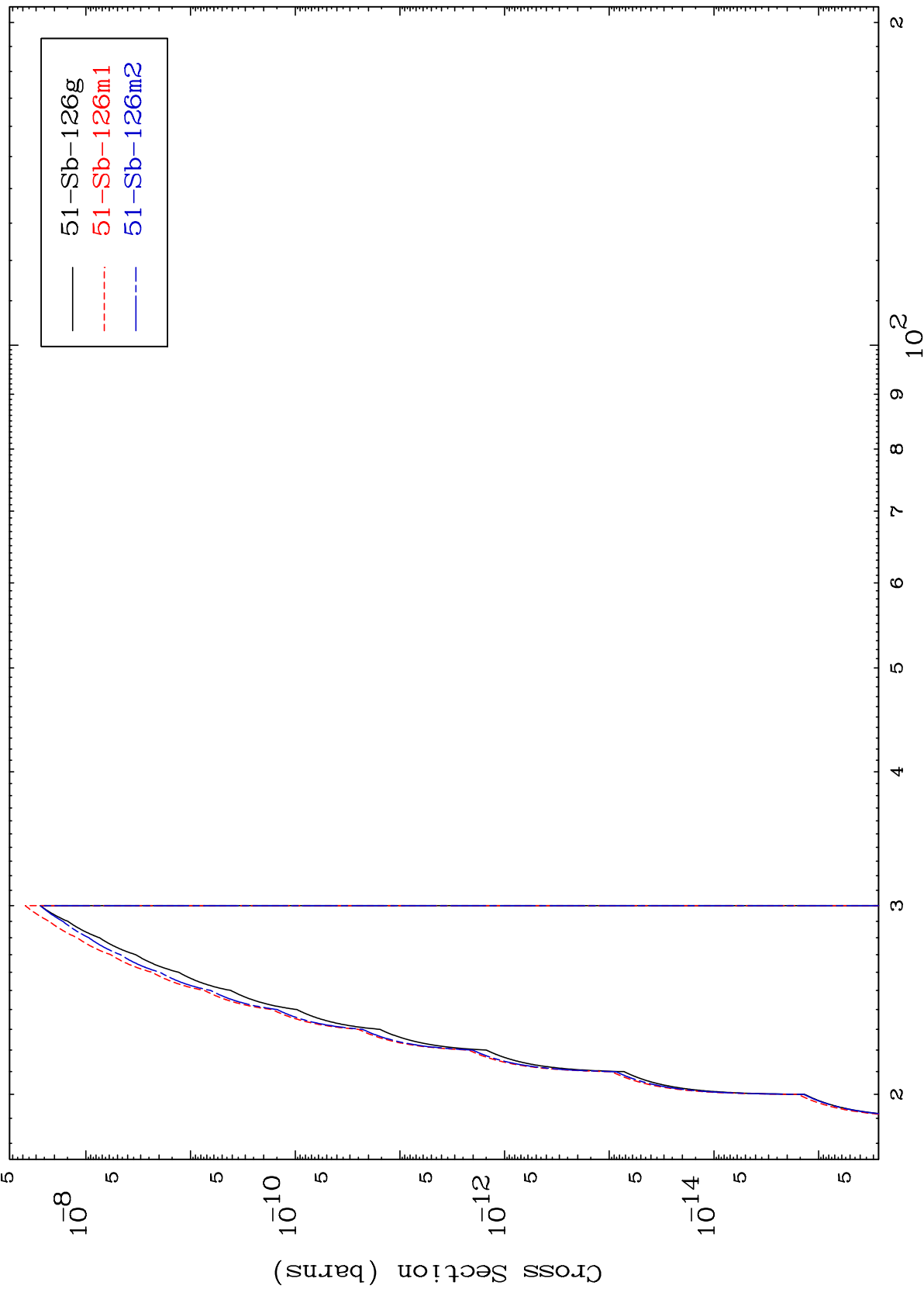
(n,2α)

53-I -128

Radionuclide Production Cross Section



Radionuclide Production Cross Section

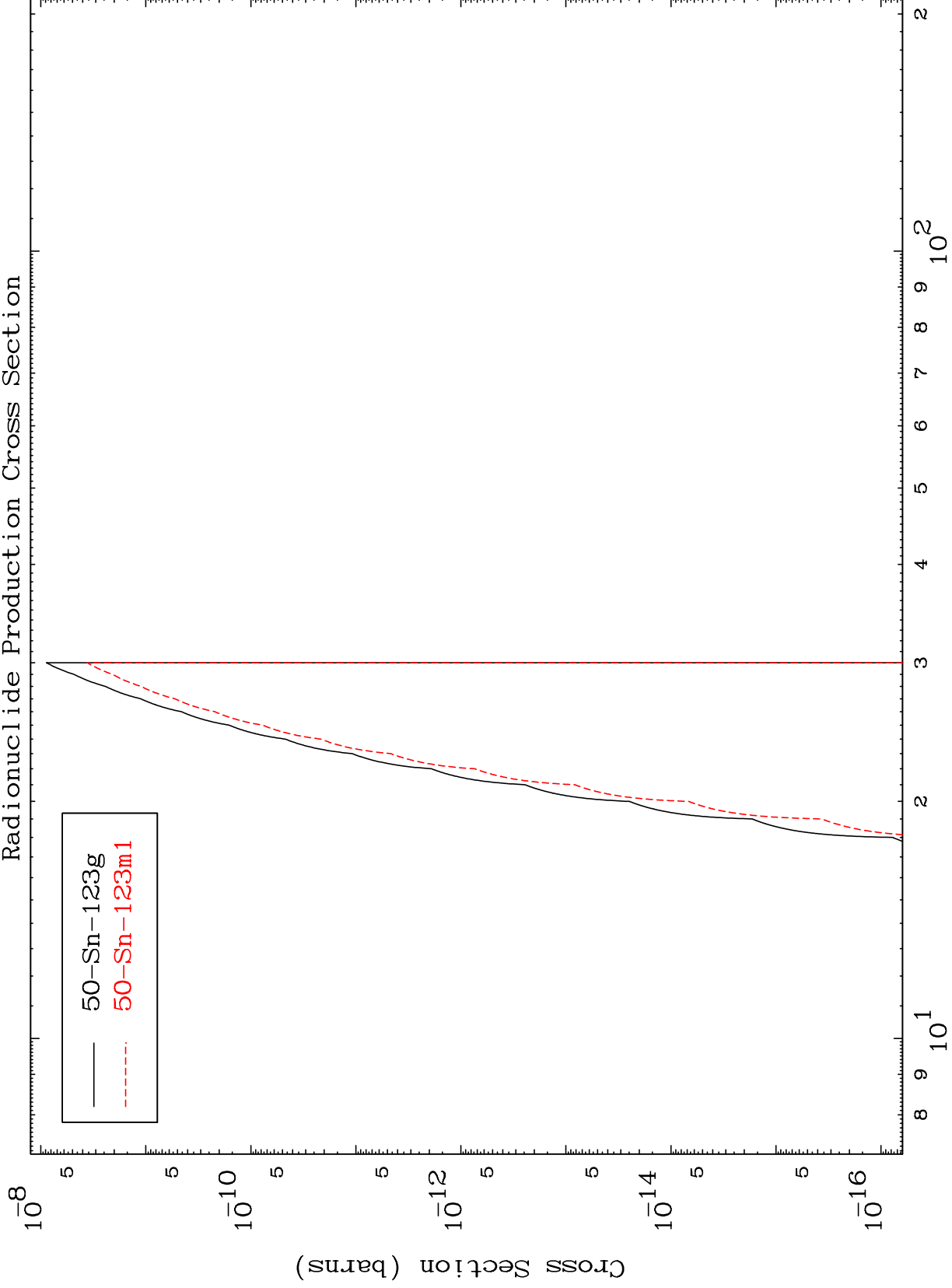


MAT 5328

(n,d) α

53-I -128

Radionuclide Production Cross Section



136

Incident Energy (MeV)

53-I -128