

Program EVALPLOT
(Version 2018-1)

by

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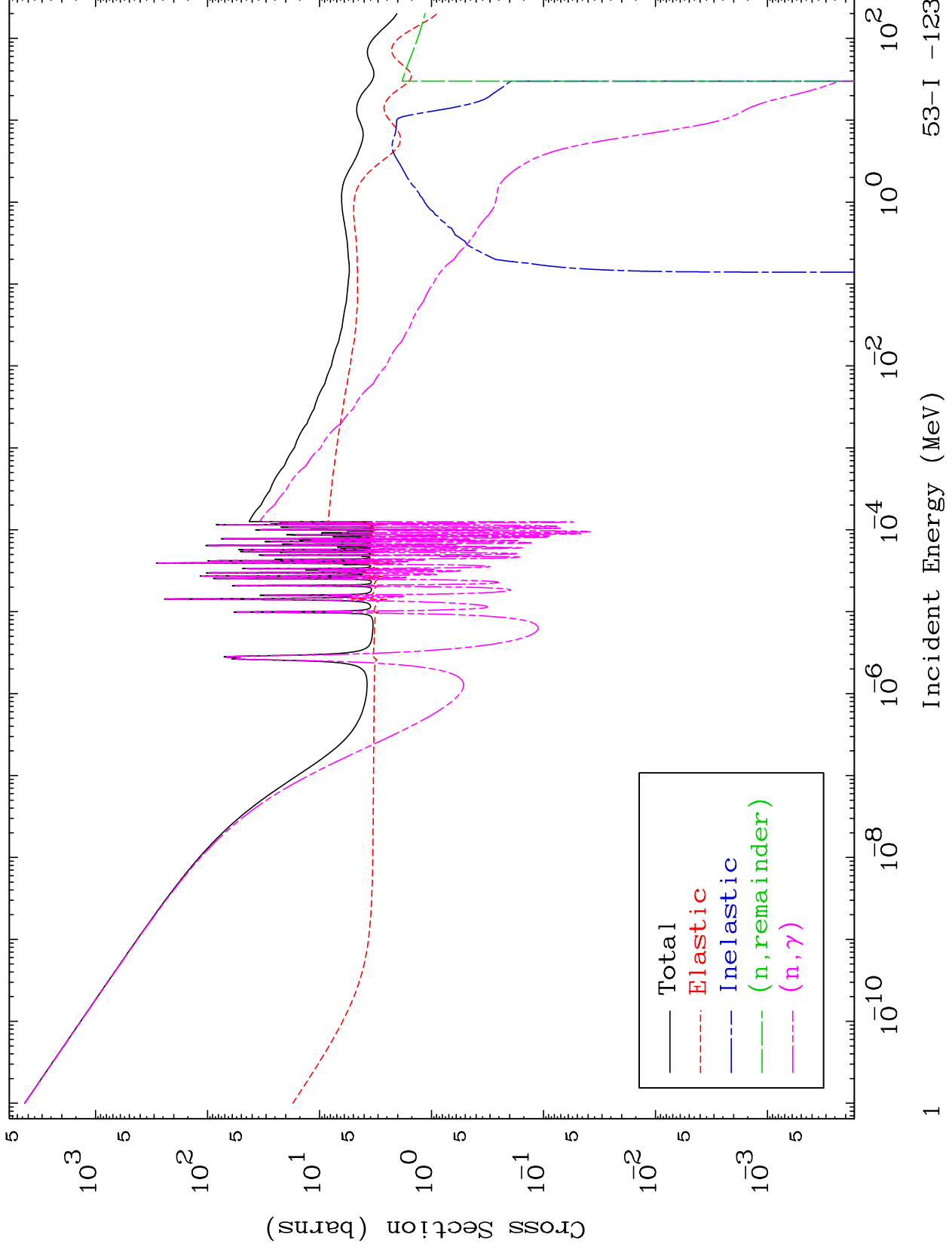
Press Mouse Button to Start

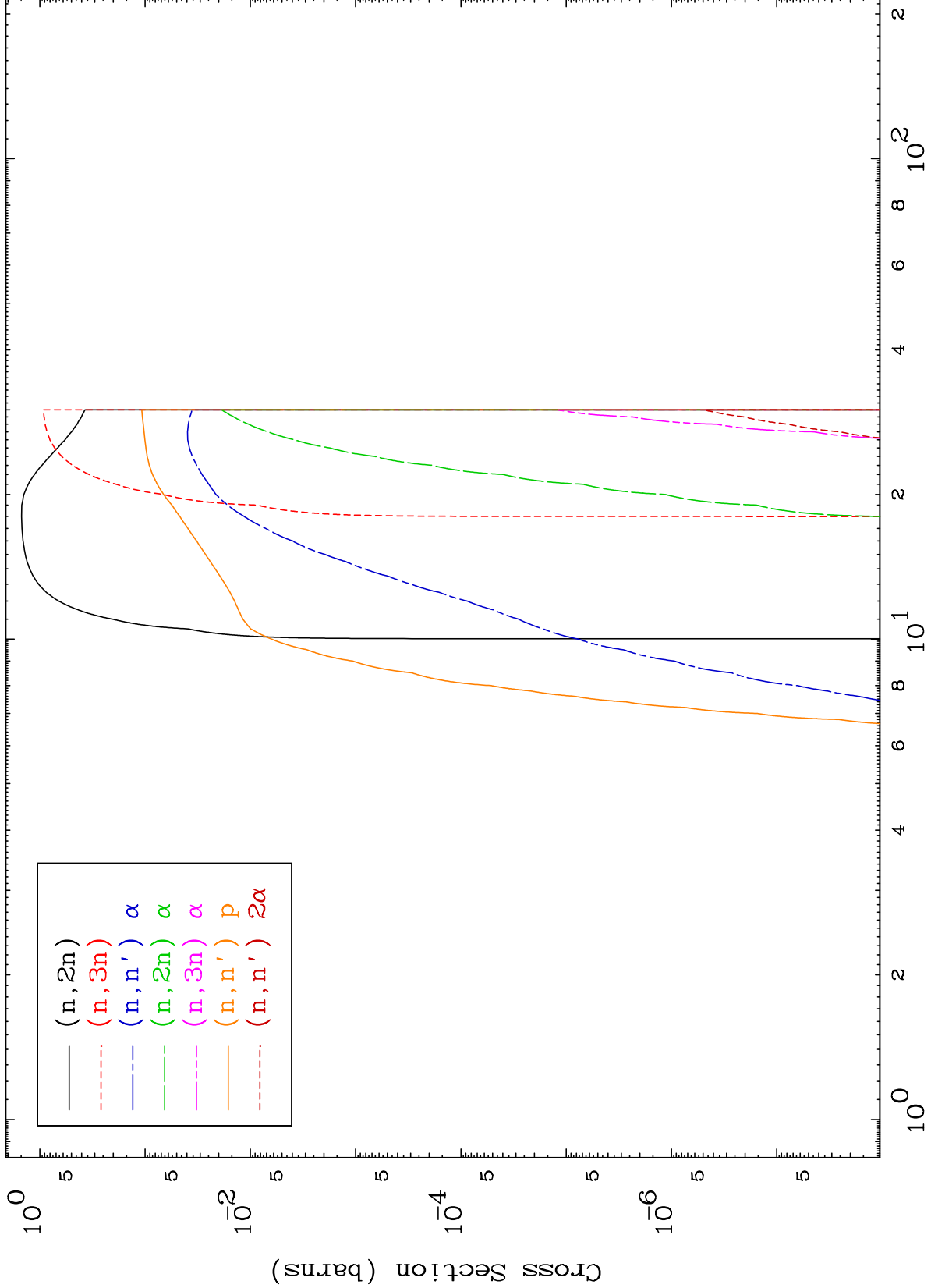
MAT 5313

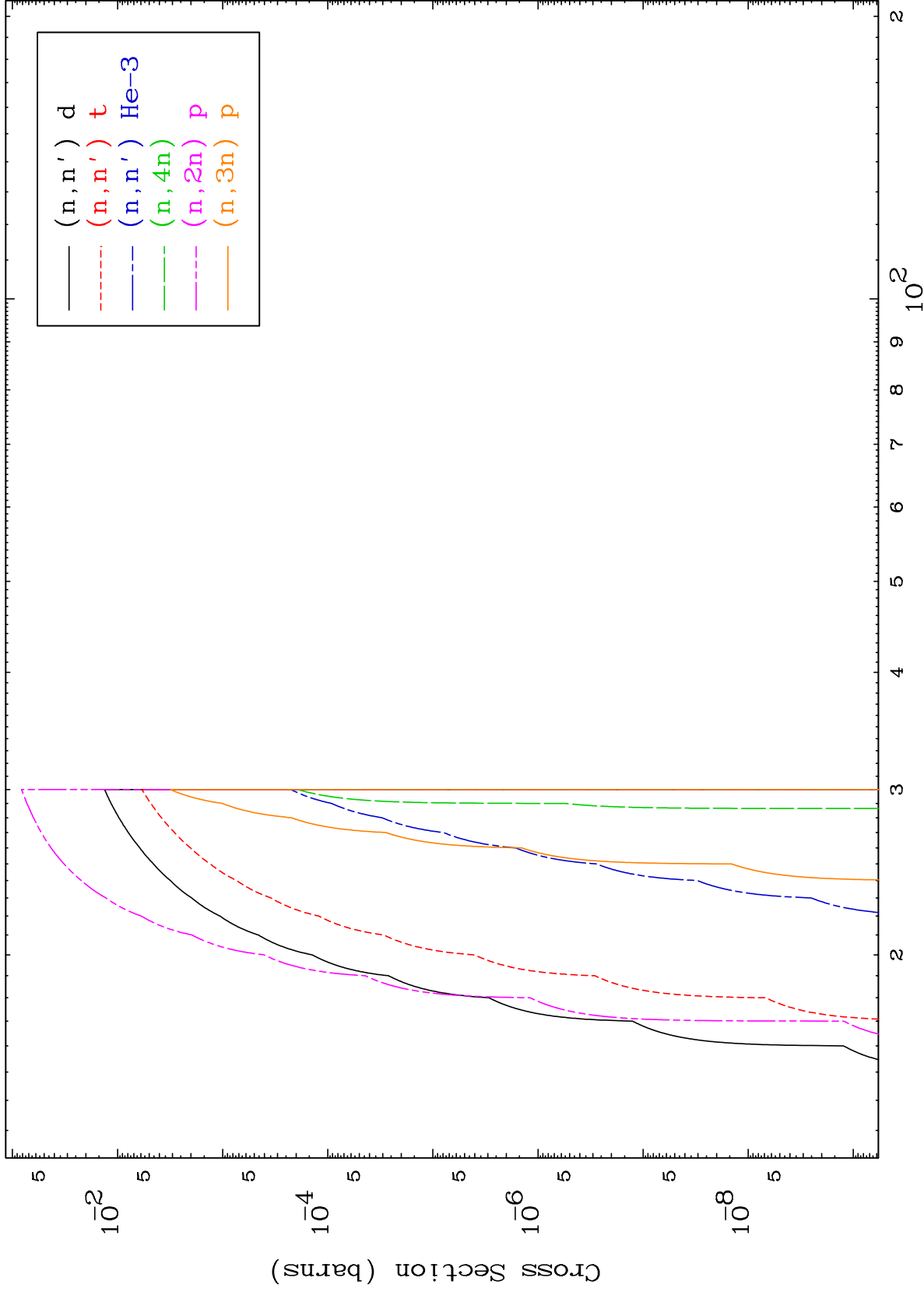
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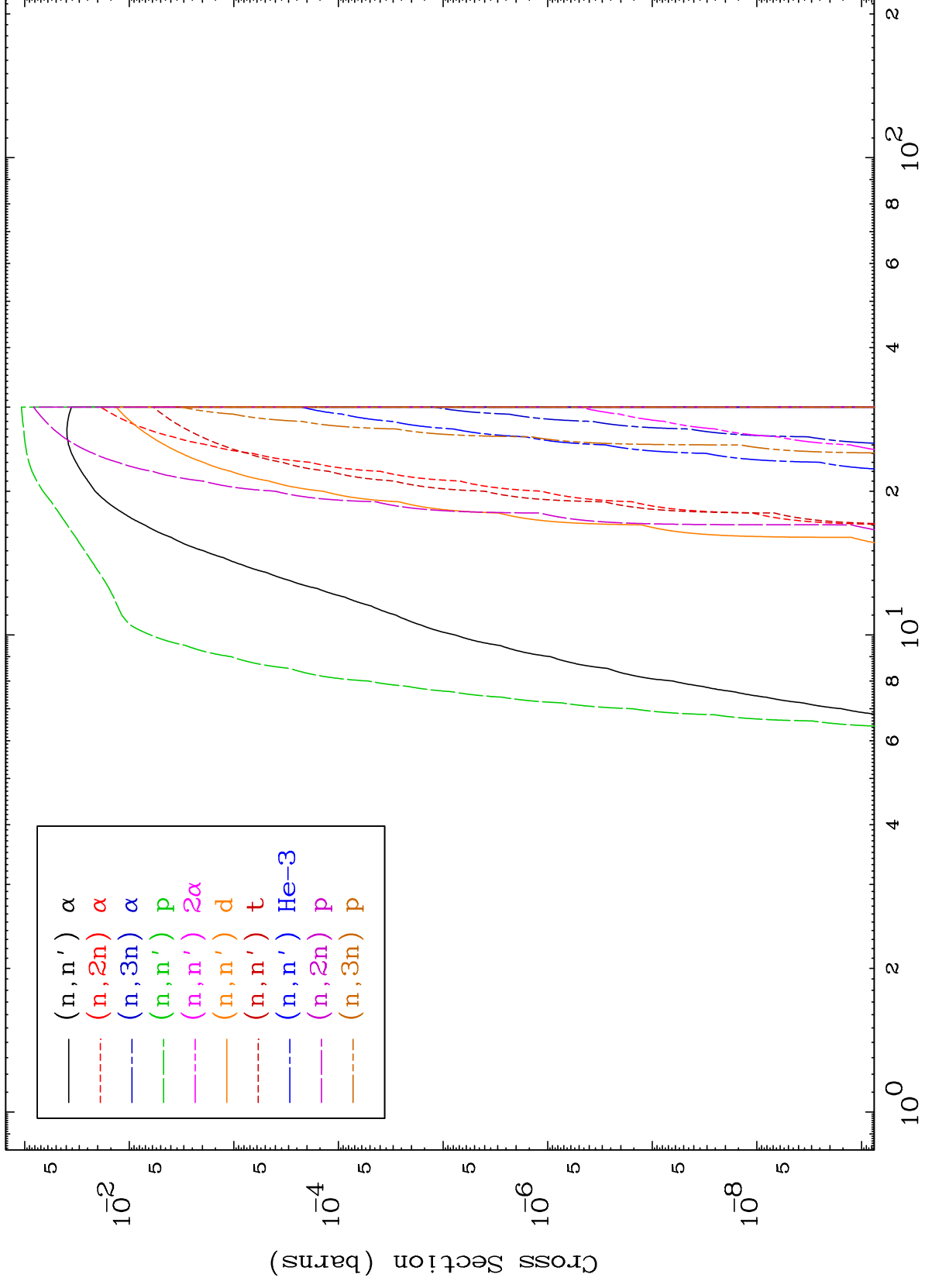
293 Kelvin Cross Sections

53-I -123





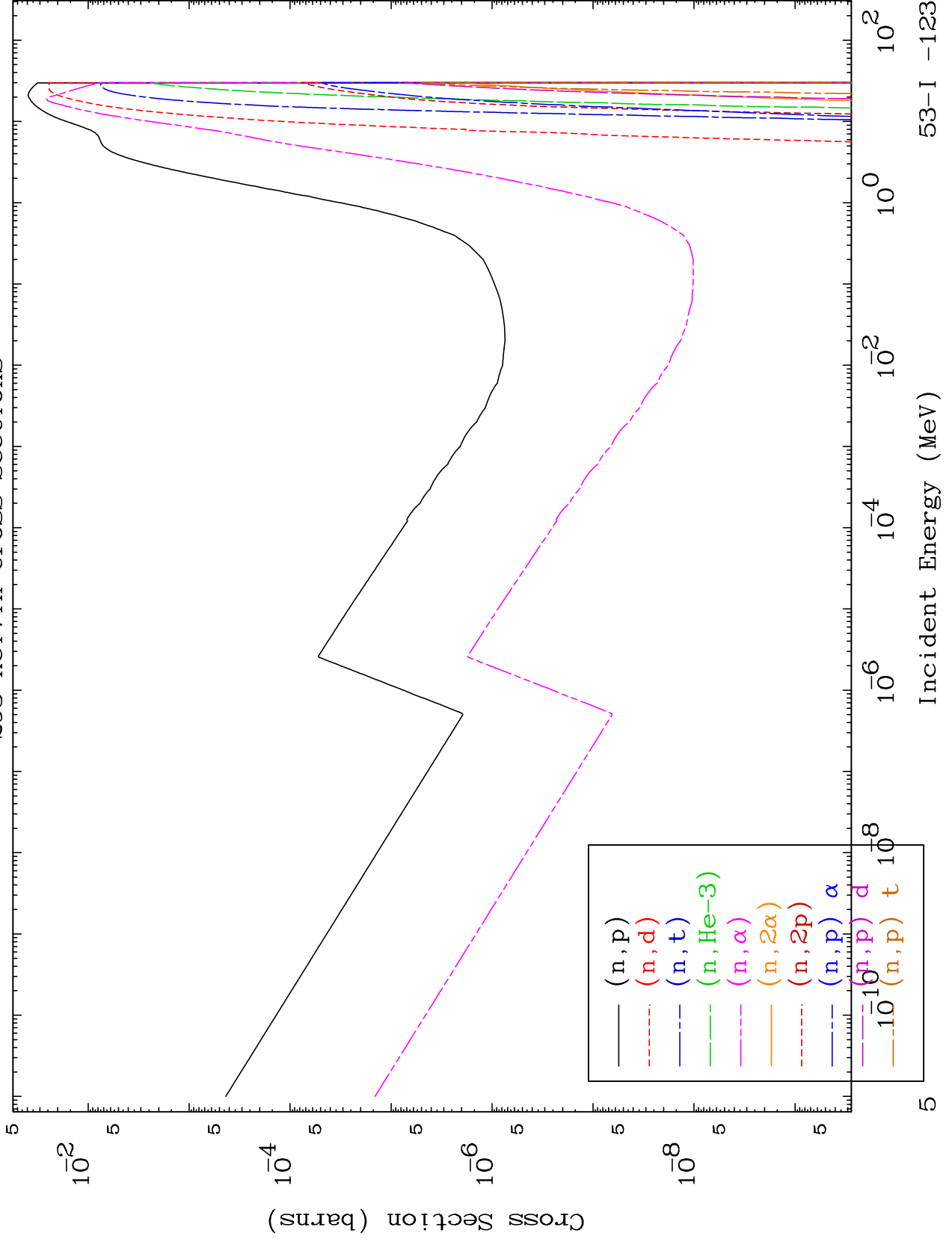




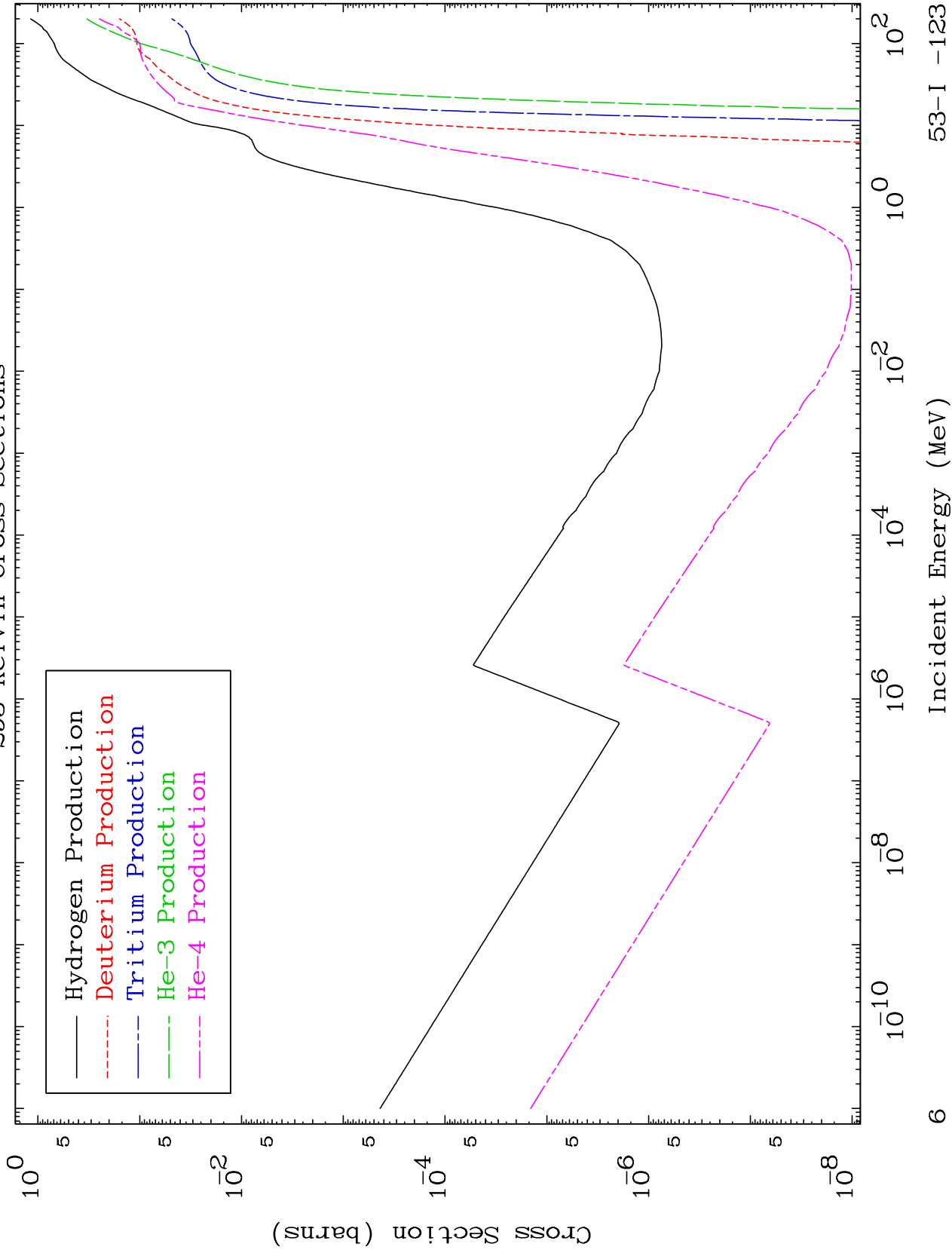
MAT 5313

Charged Particle
293 Kelvin Cross Sections

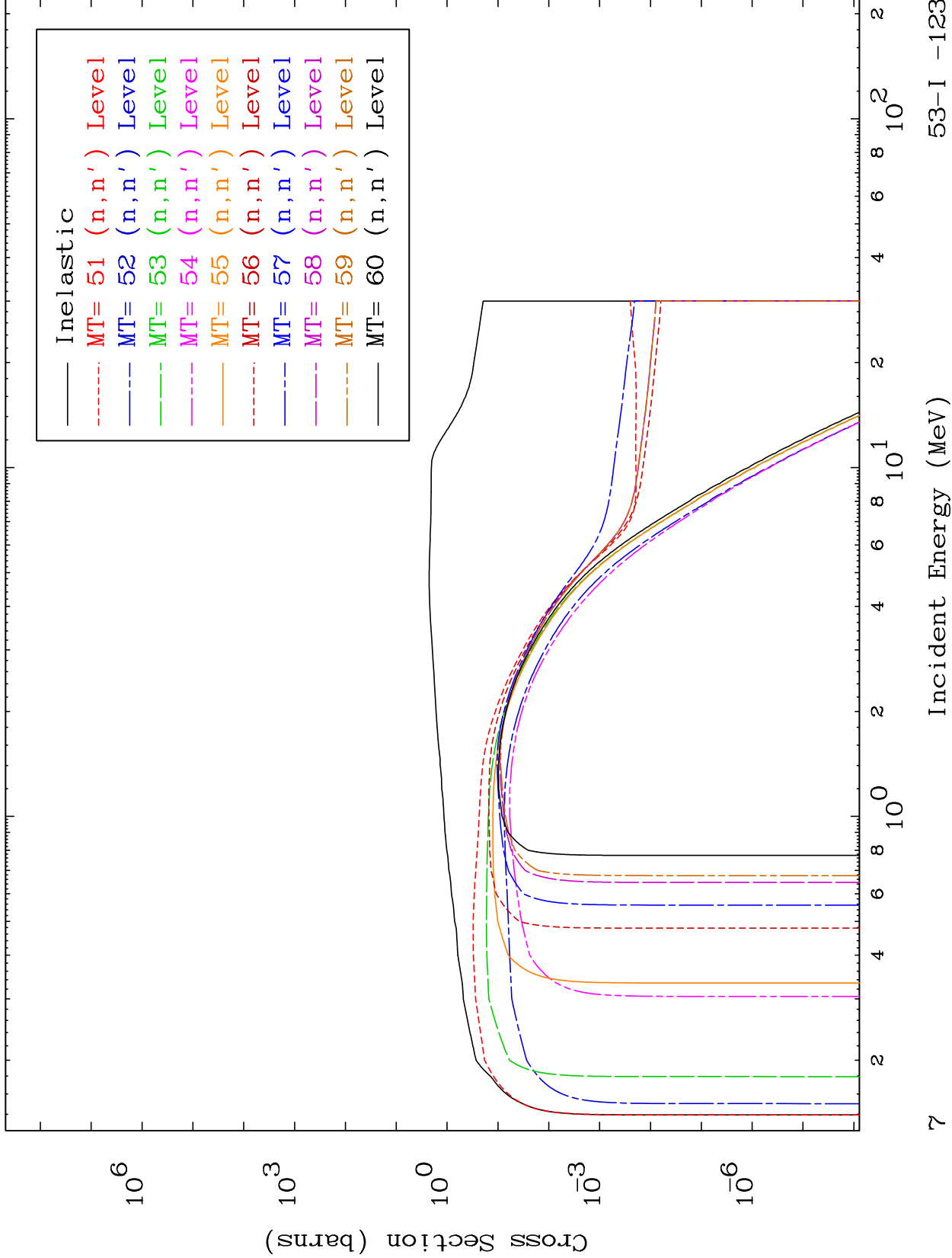
53-I -123



53-I -123



293 Kelvin Cross Sections

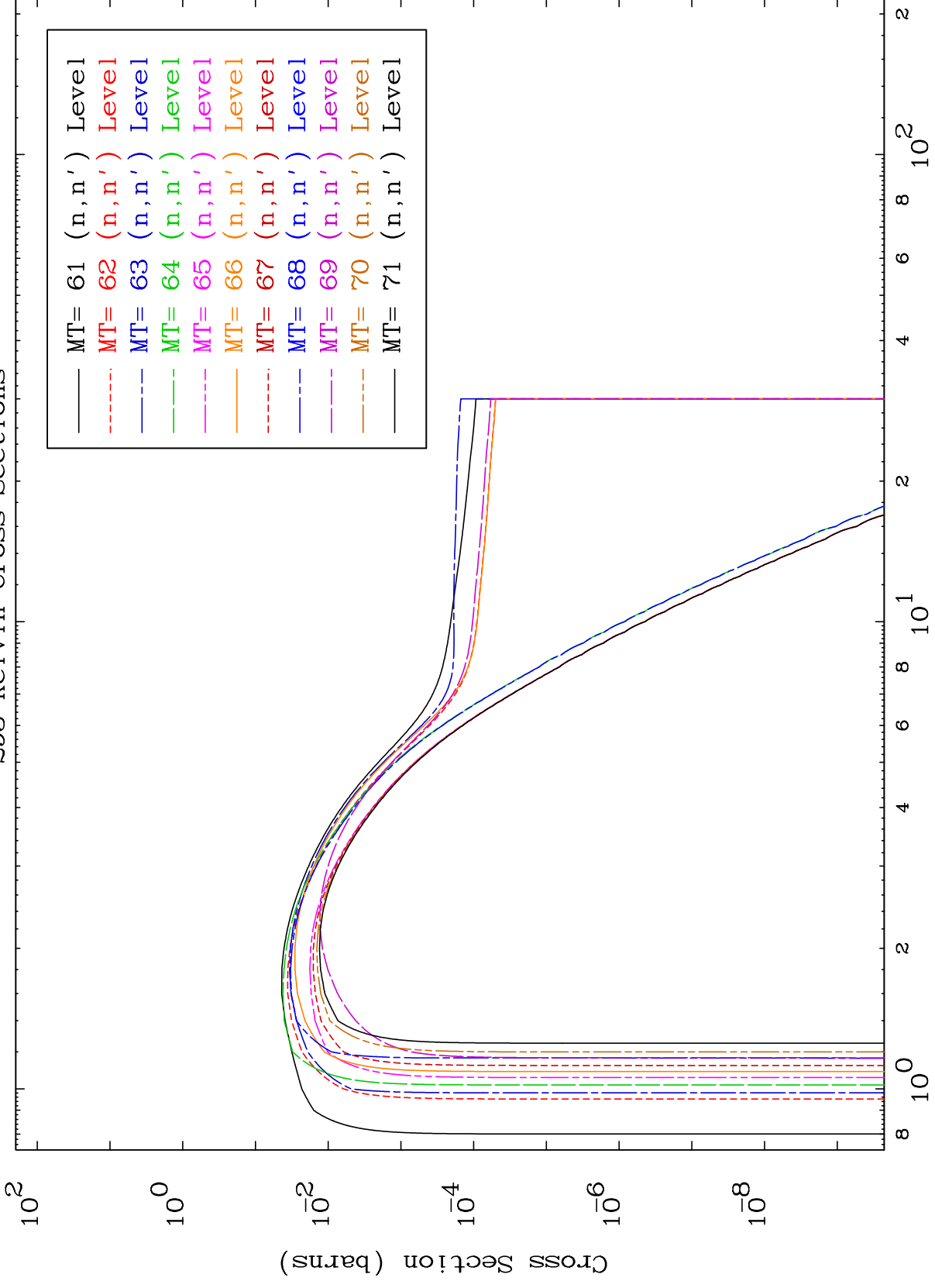


MAT 5313

(n,n') Level

53-I -123

293 Kelvin Cross Sections

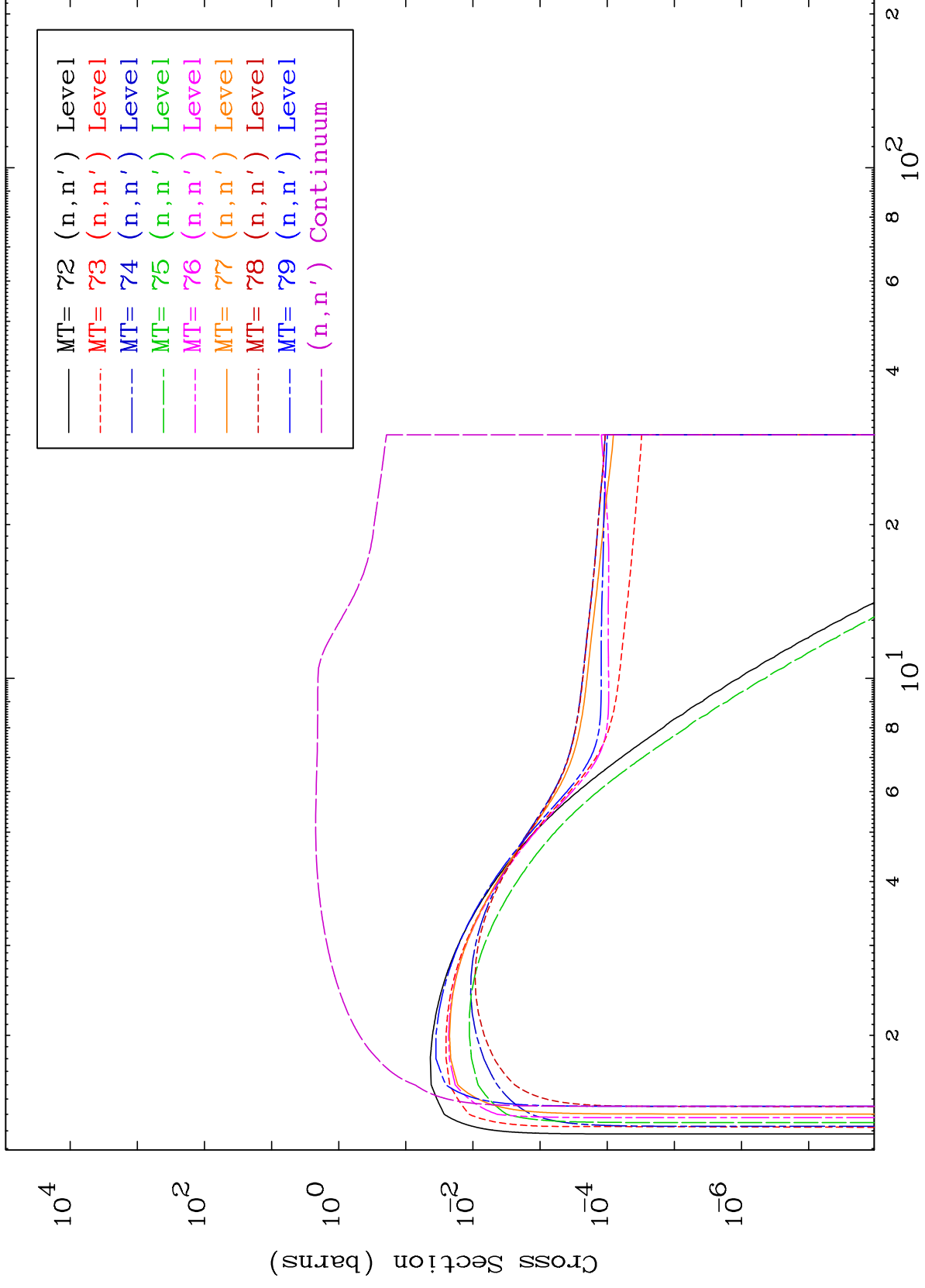


Incident Energy (MeV)

53-I -123

8

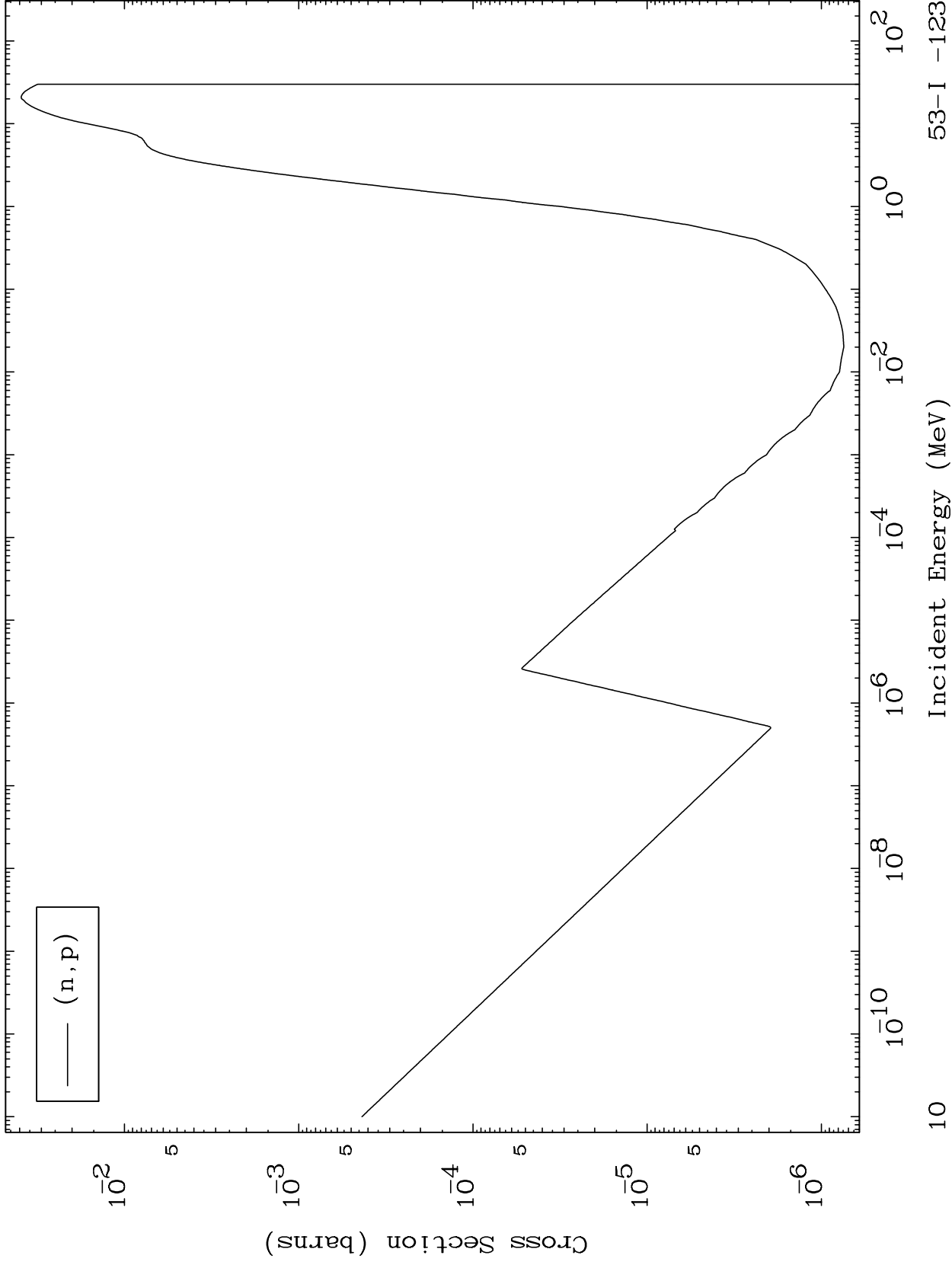
293 Kelvin Cross Sections



MAT 5313

(n,p) Levels
293 Kelvin Cross Sections

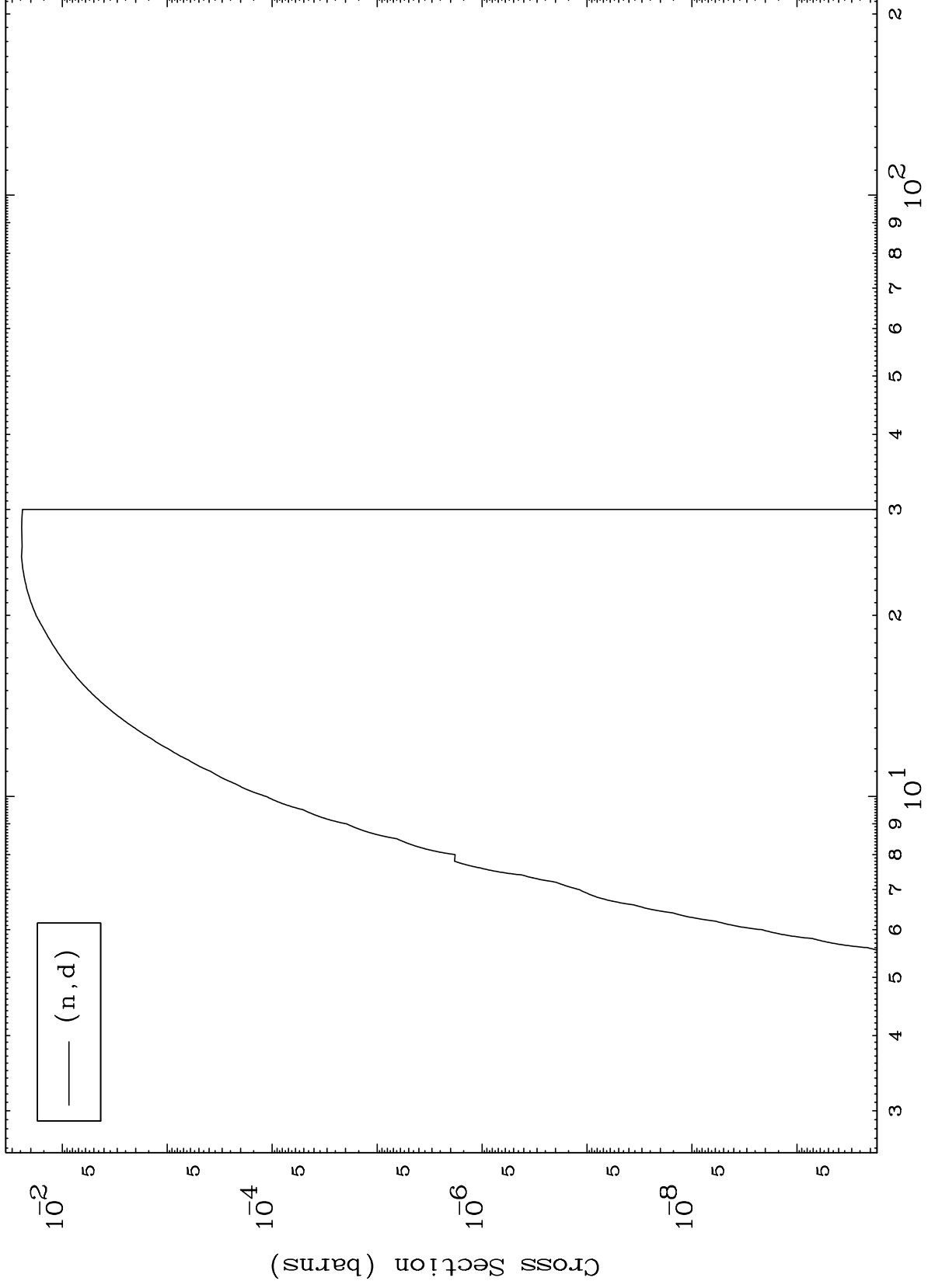
53-I -123



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Incident Energy (MeV)

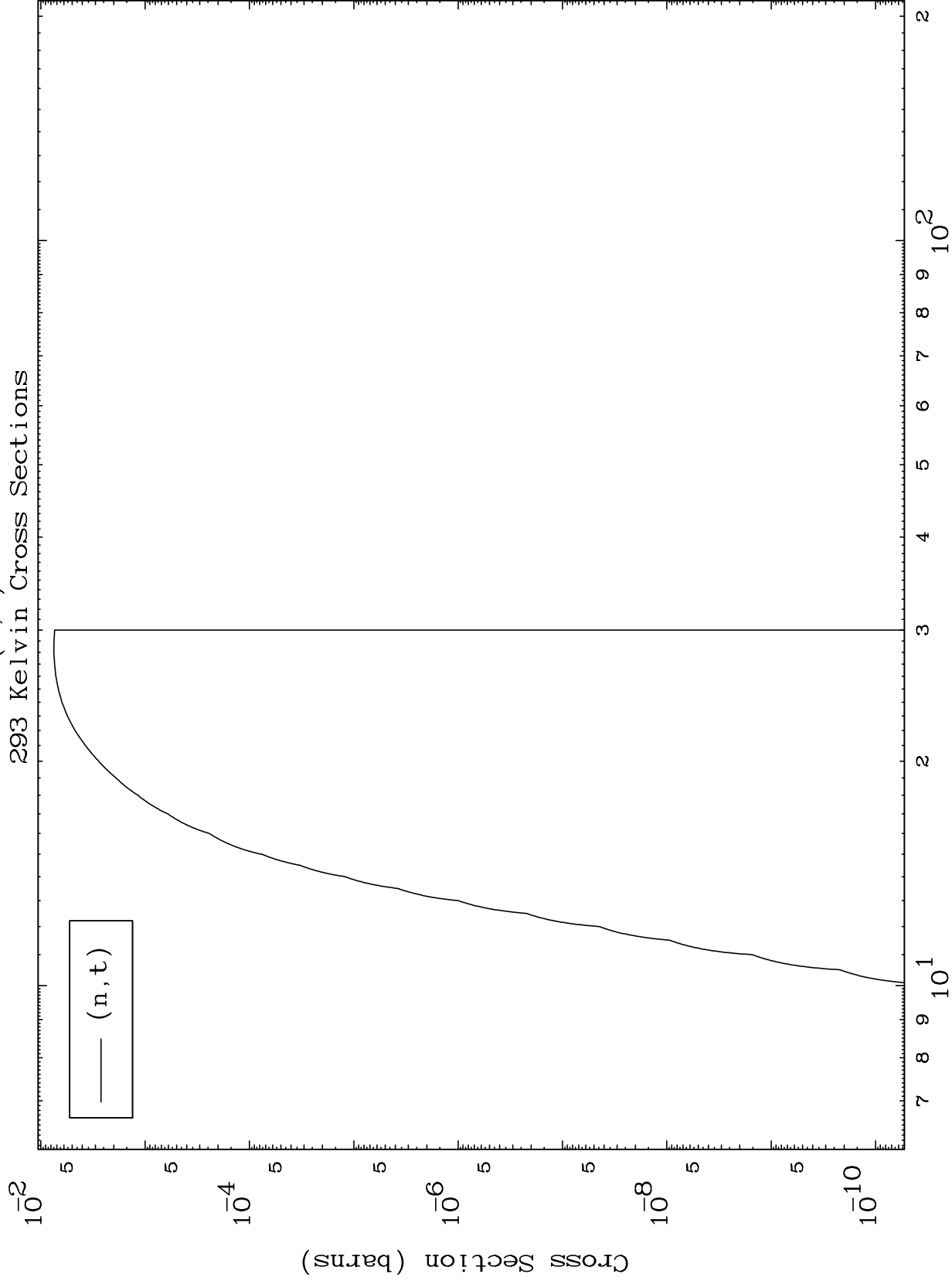
53-I -123



MAT 5313

(n,t) Levels
293 Kelvin Cross Sections

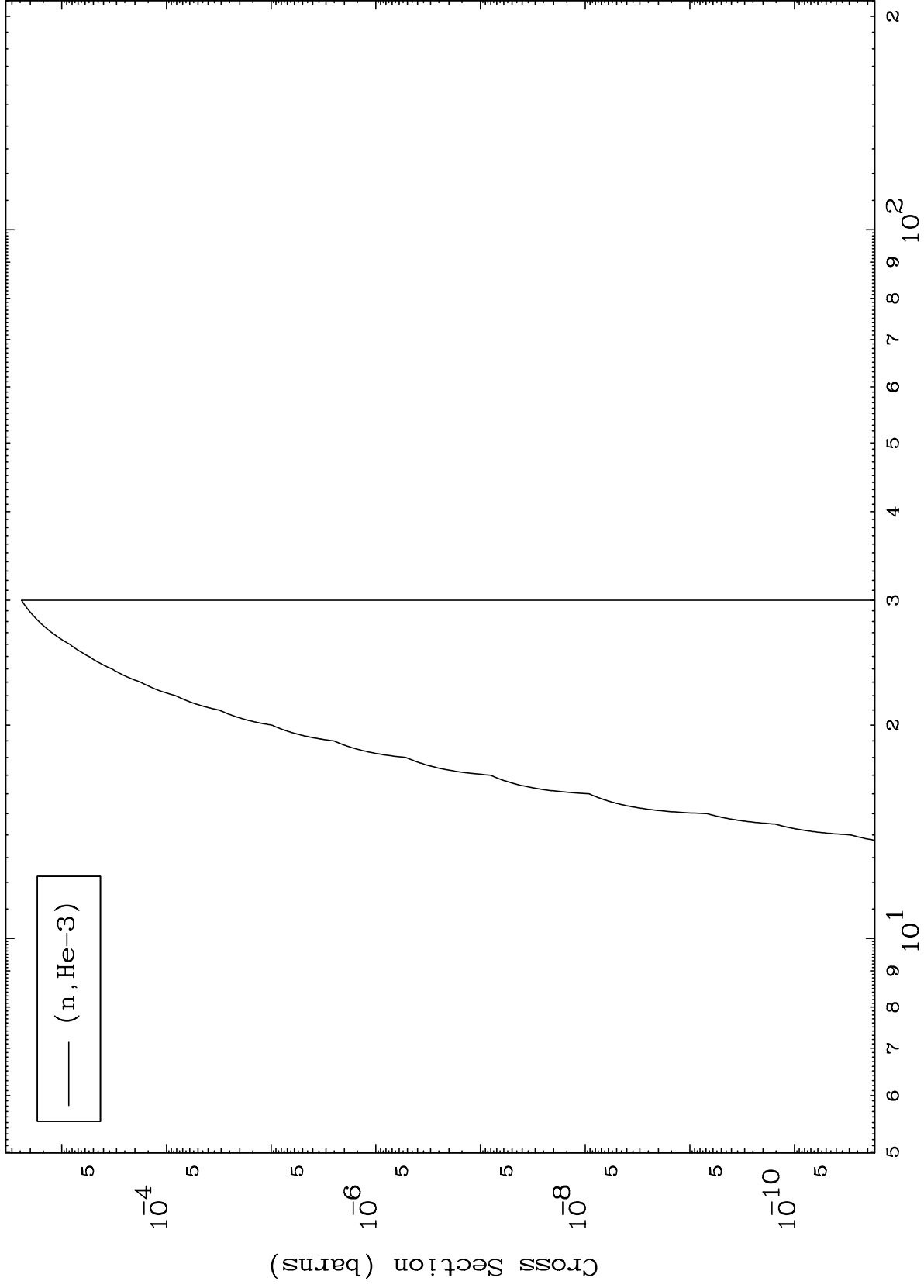
53-I -123



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Incident Energy (MeV)

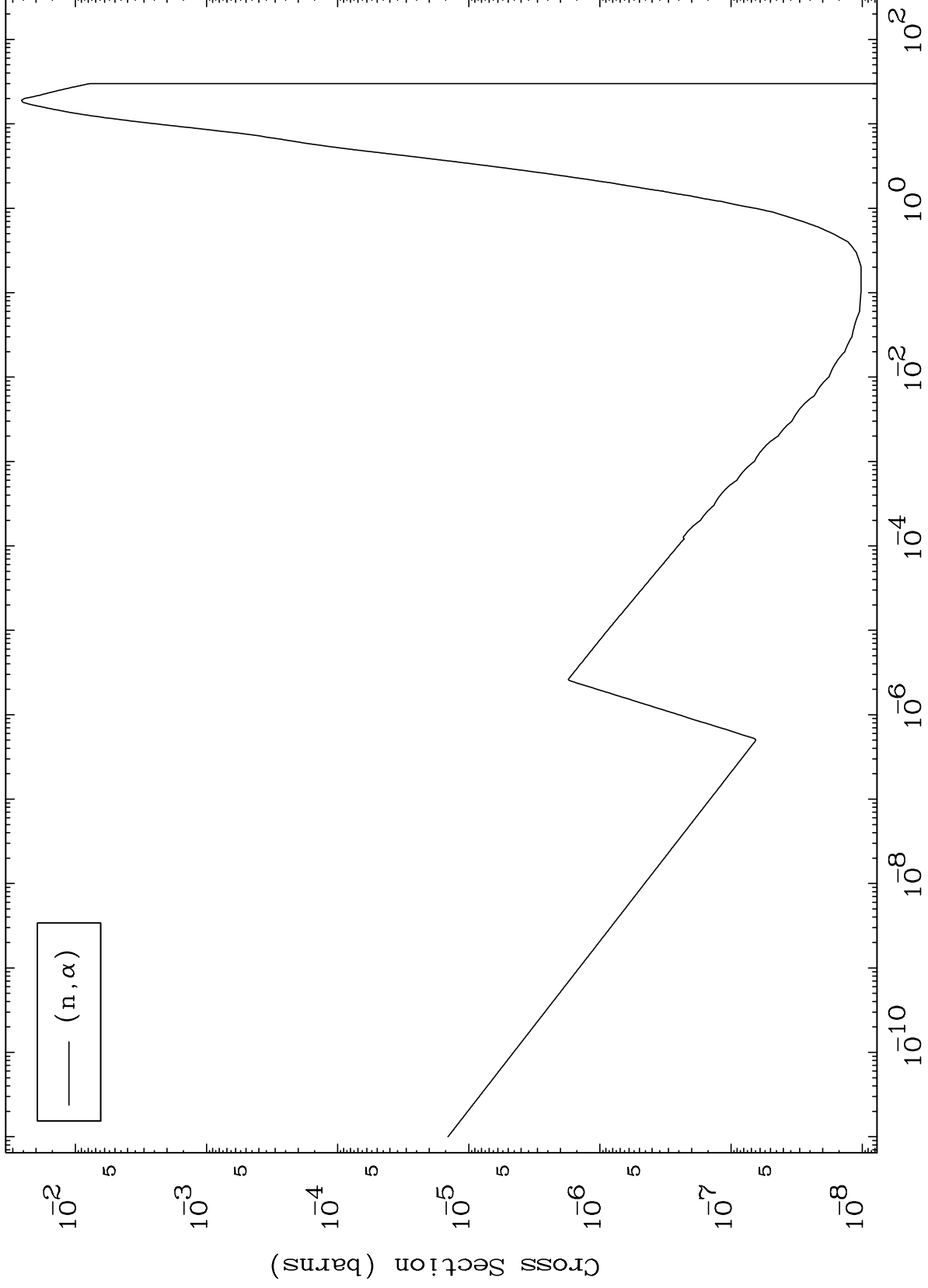
53-I -123

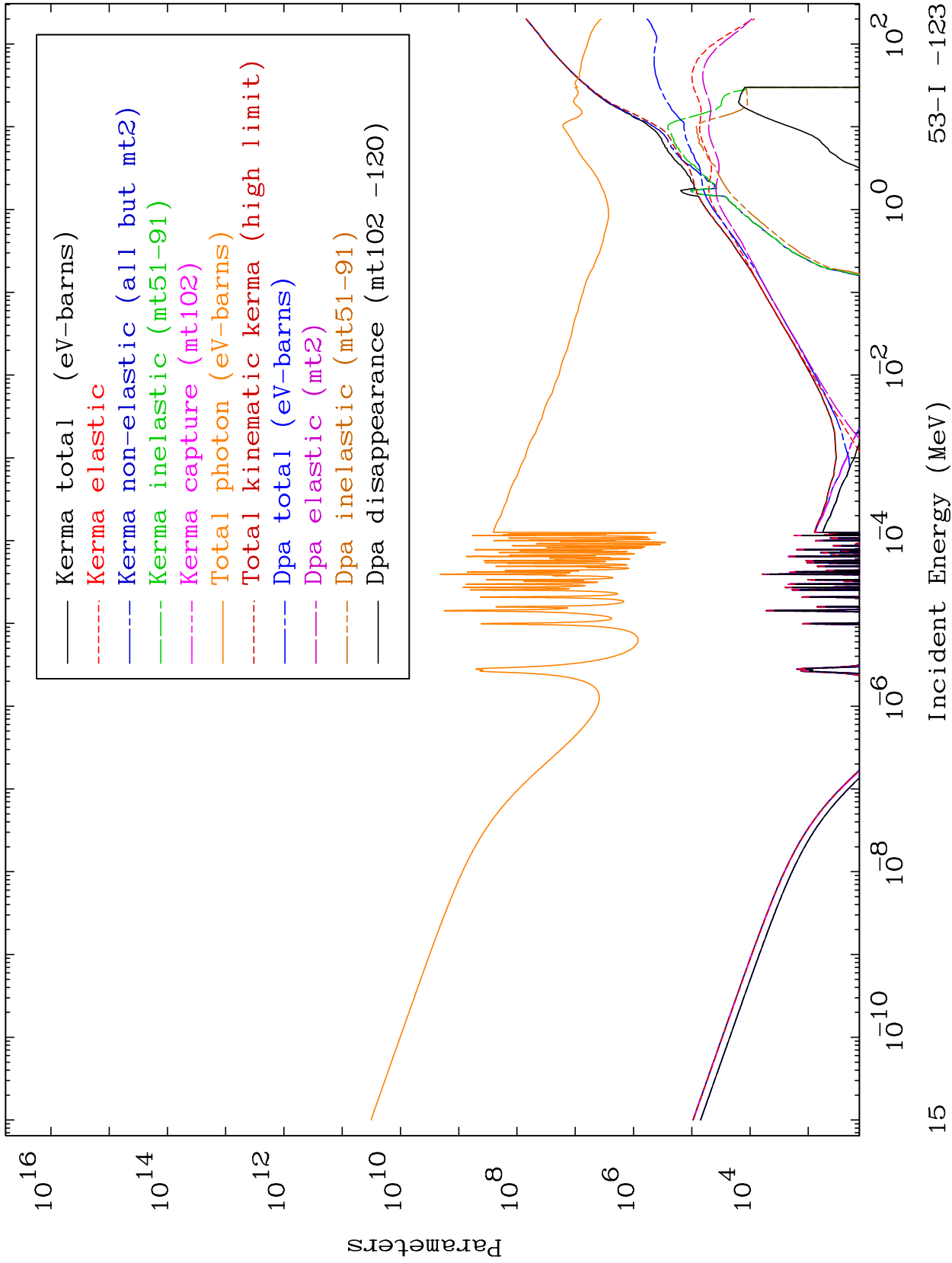


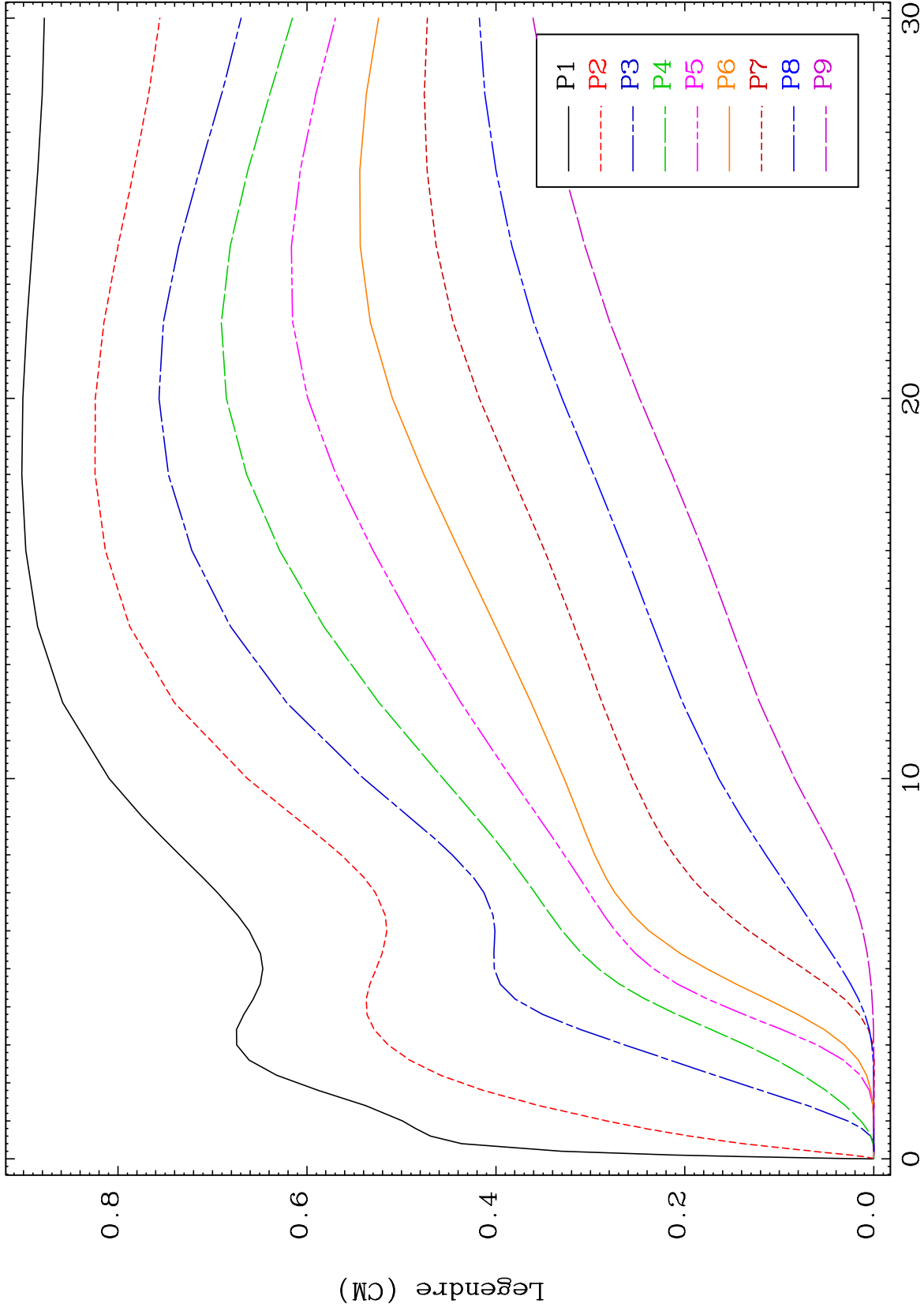
MAT 5313

(n, α) Levels
293 Kelvin Cross Sections

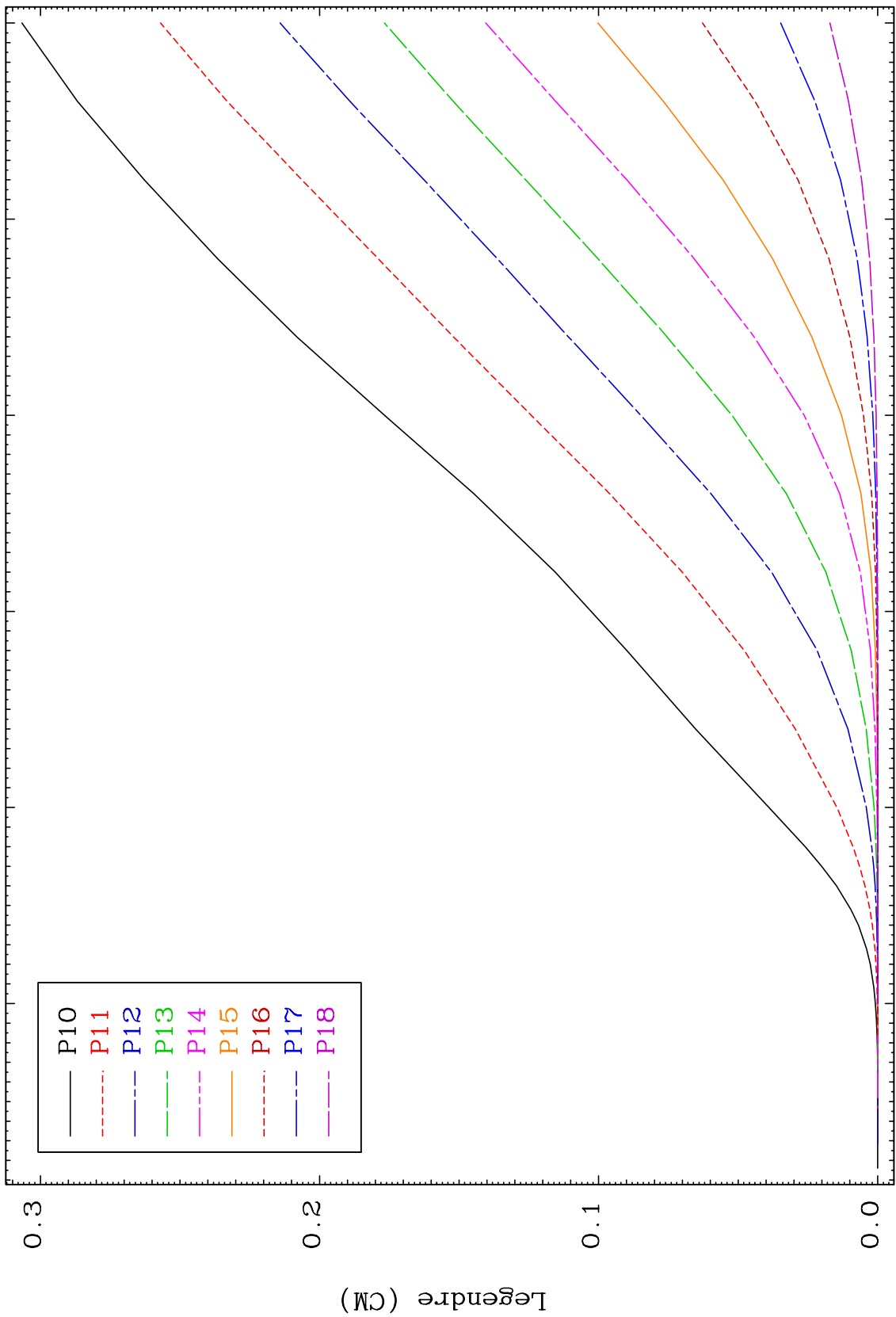
53-I -123







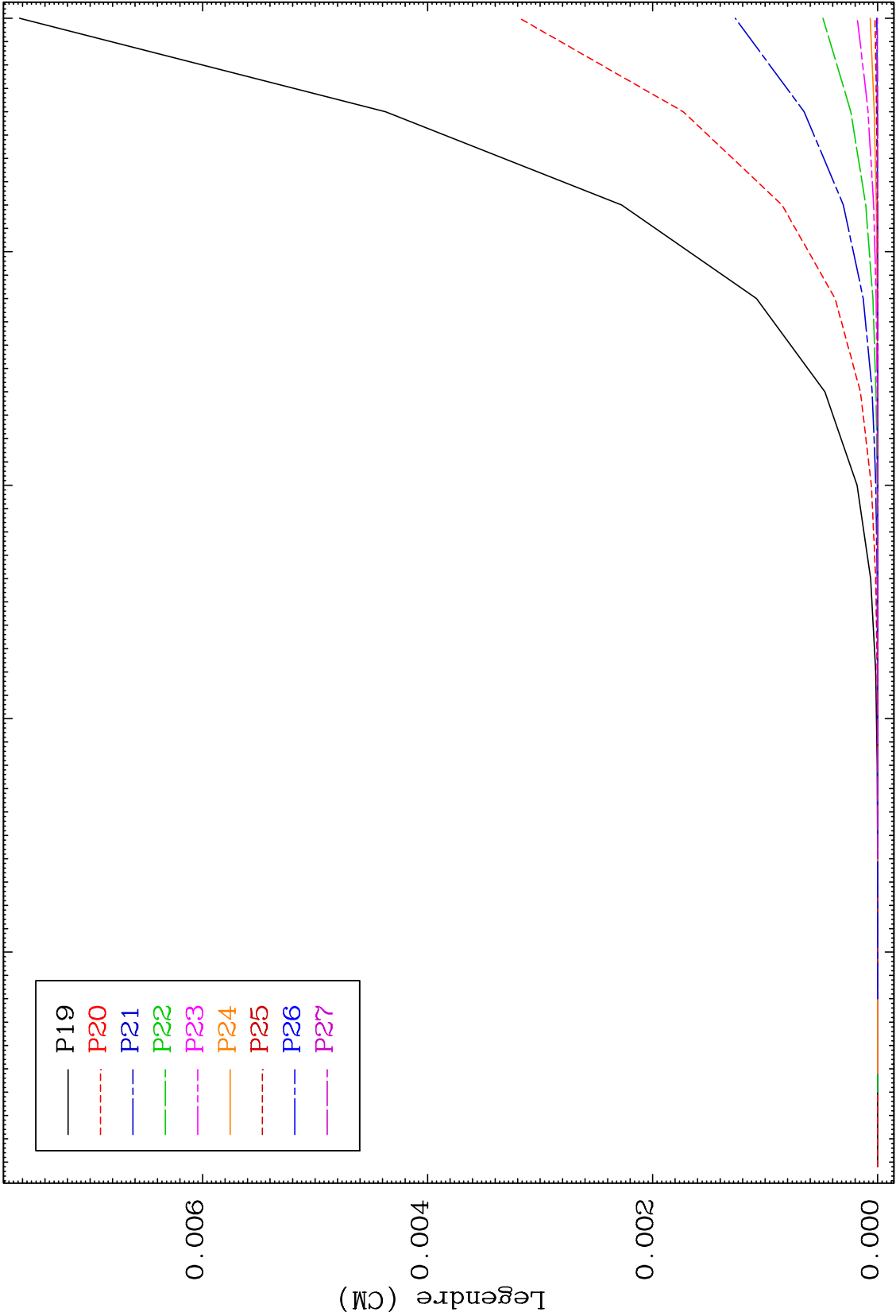
Elastic Legendre Coefficients



MAT 5313

Elastic Legendre Coefficients

53-I -123



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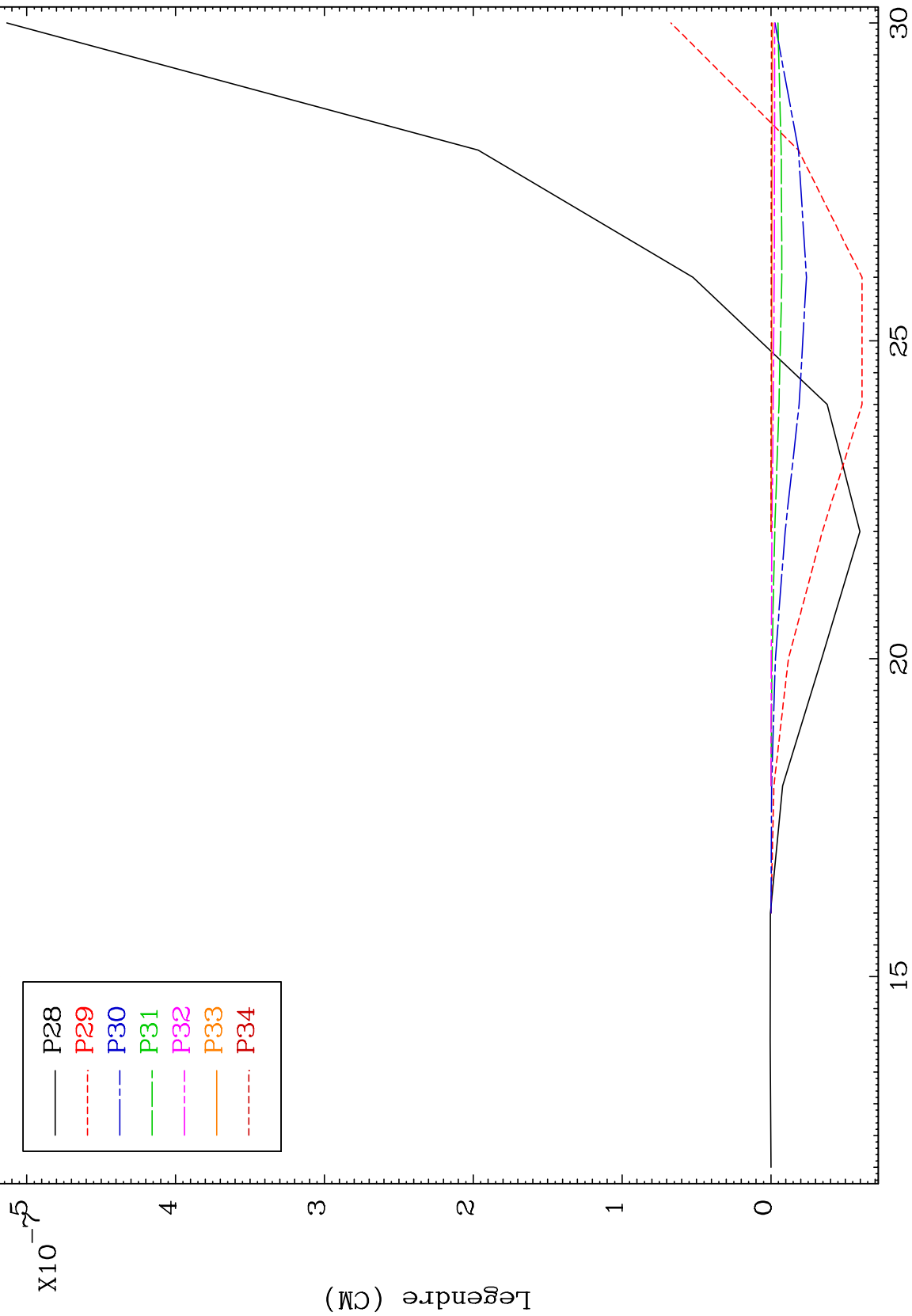
Incident Energy (MeV)

53-I -123

MAT 5313

Elastic
Legendre Coefficients

53-I -123



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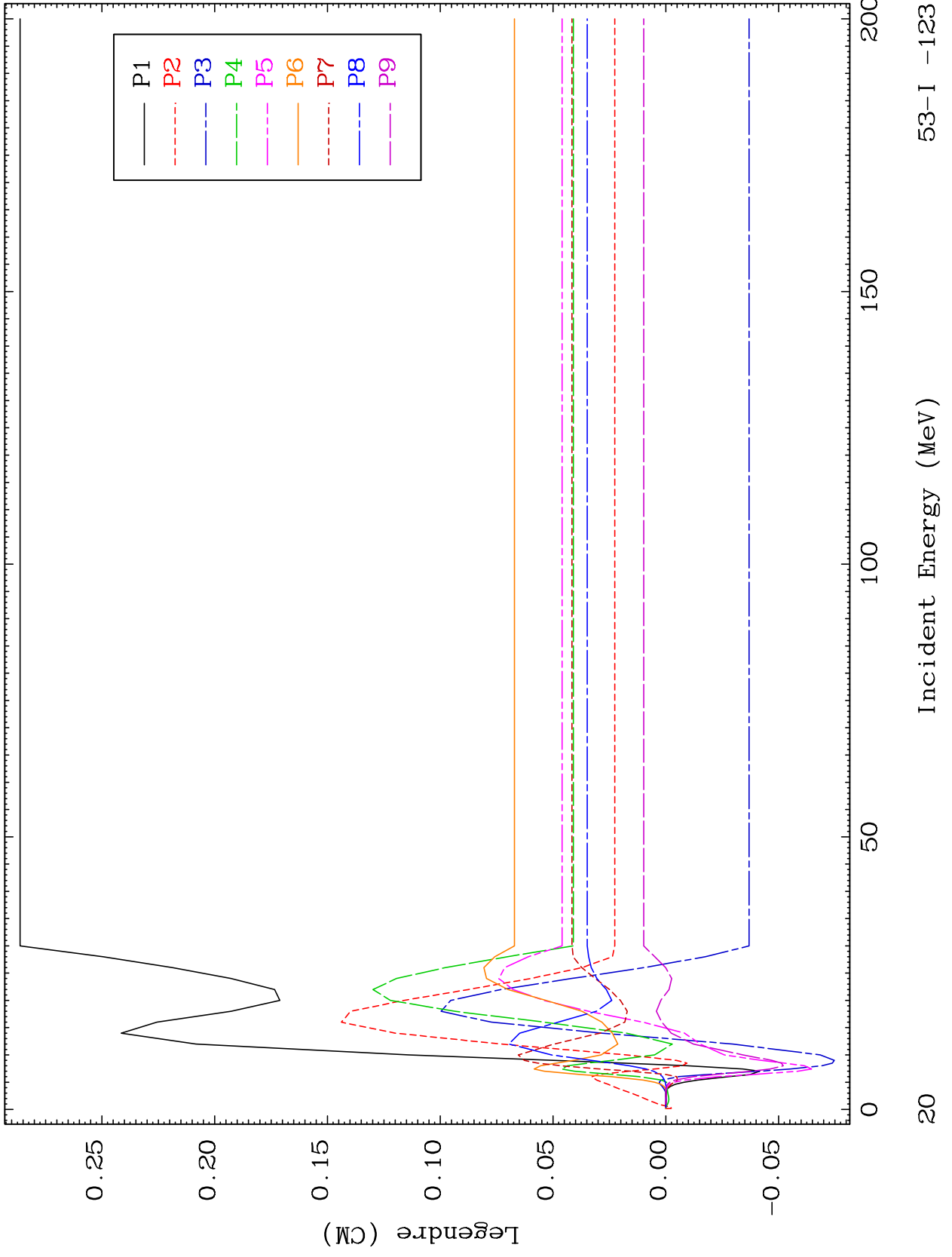
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123

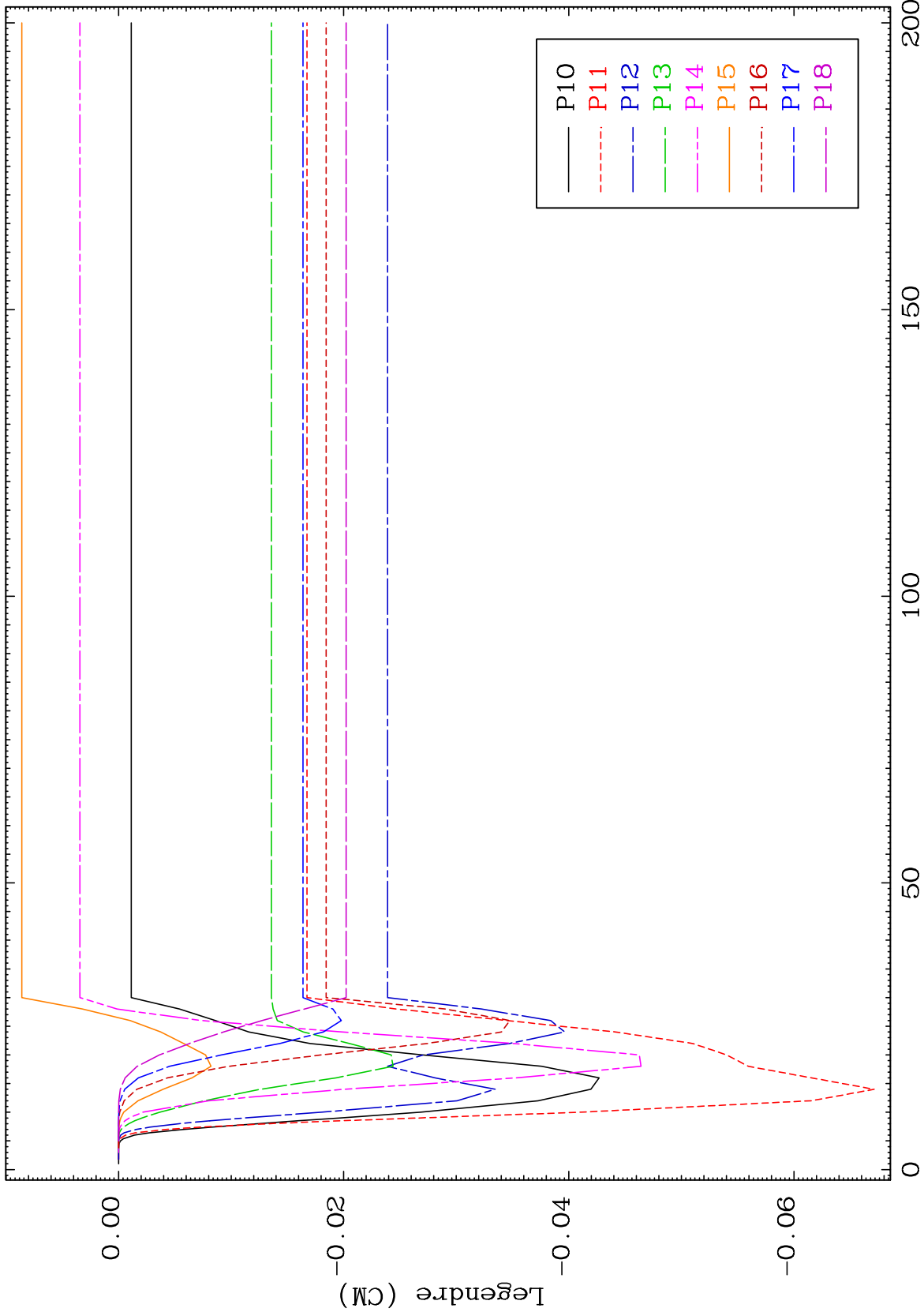


53-I -123

MAT 5313

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

53-I -123



21

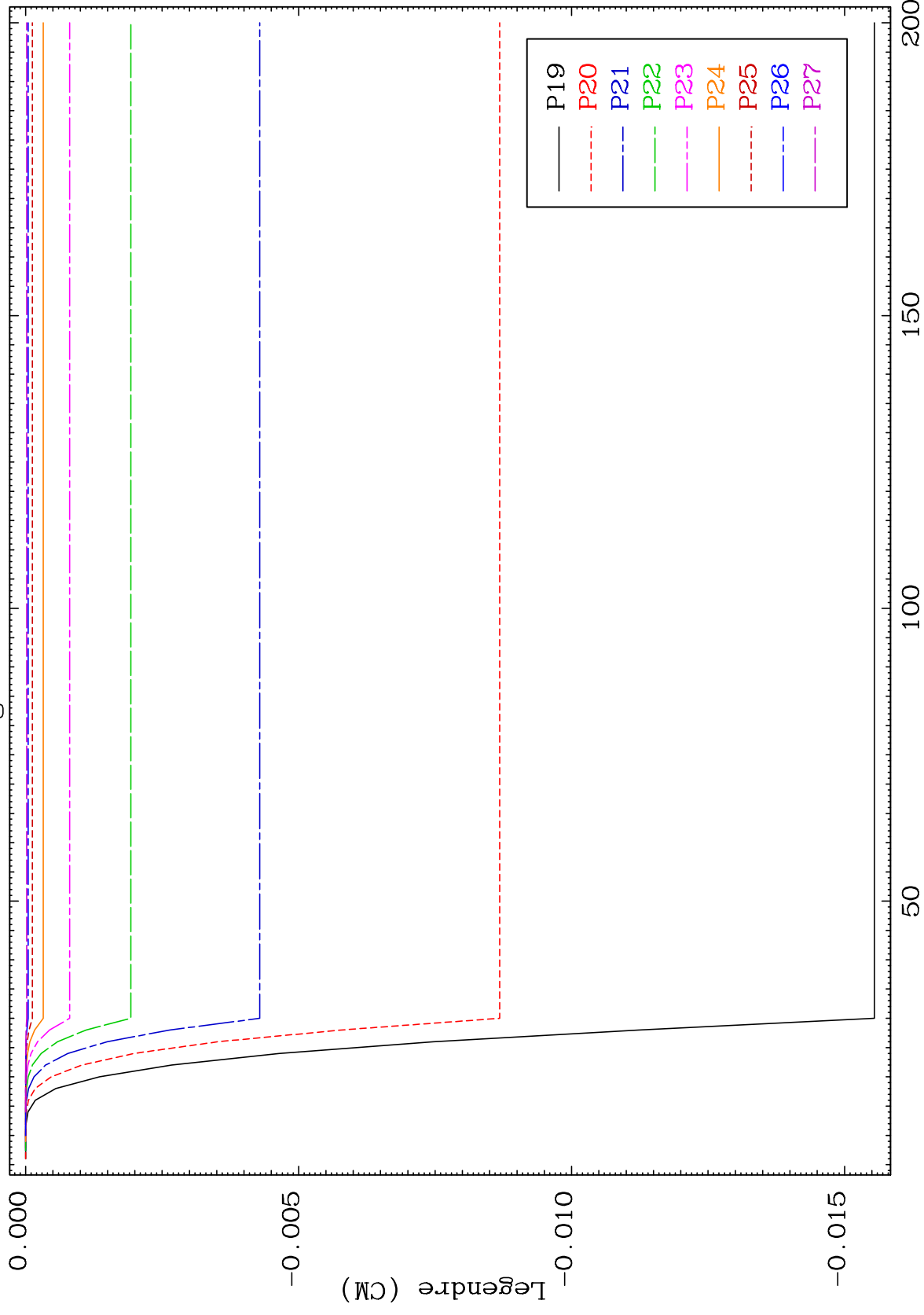
Incident Energy (MeV)

53-I -123

MAT 5313

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

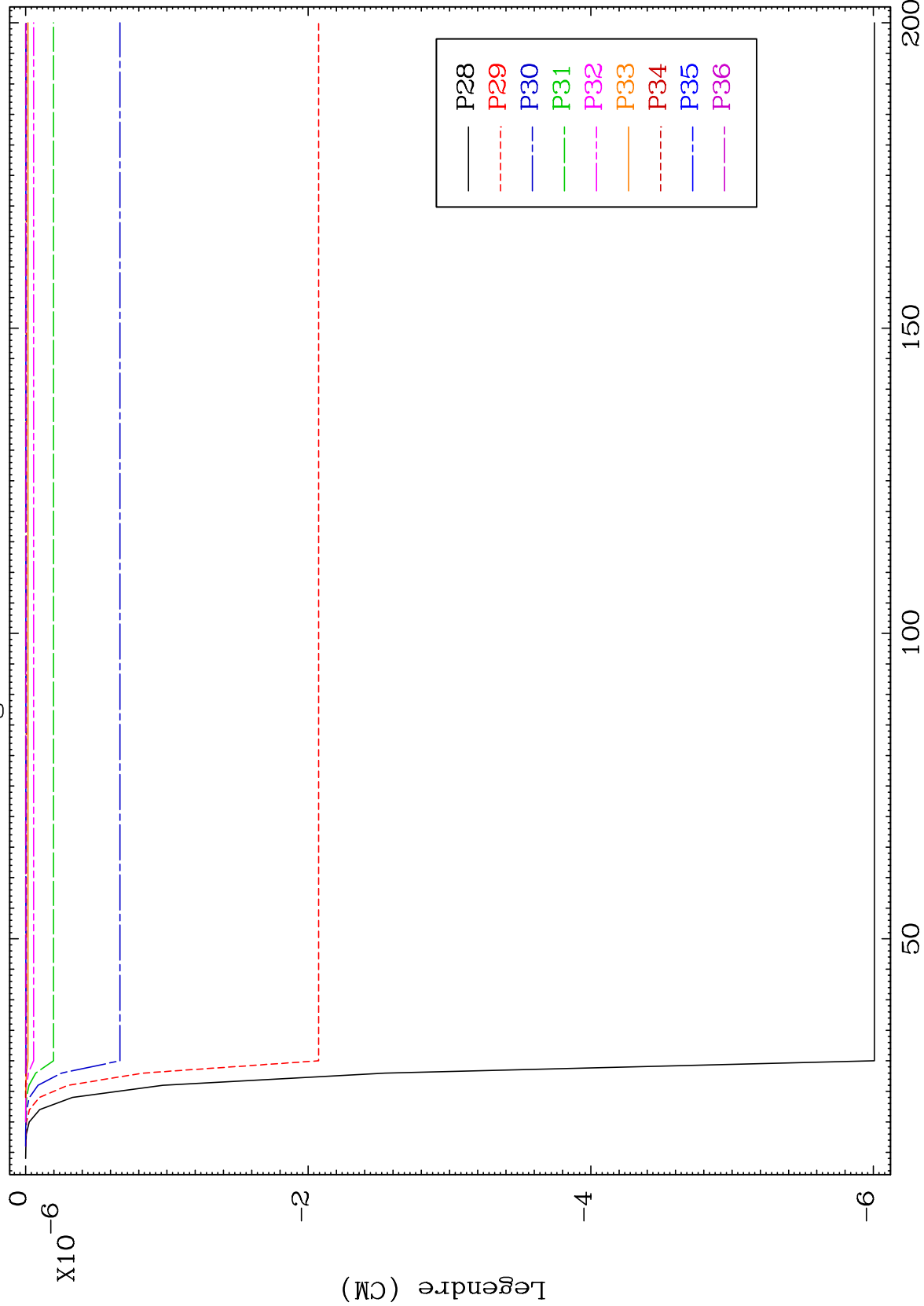
53-I -123



22

Incident Energy (MeV)

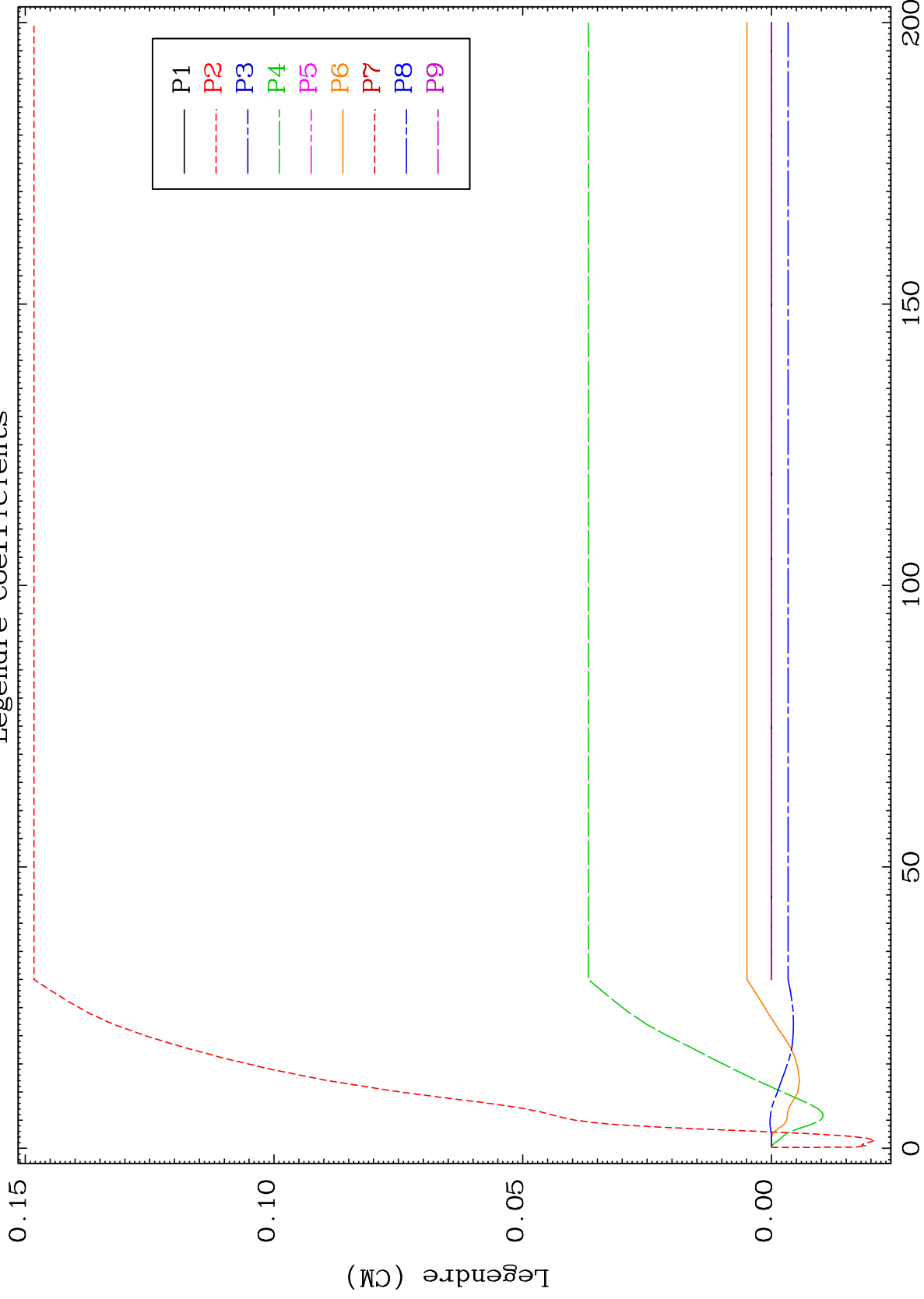
53-I -123



MAT 5313

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

53-I -123



24

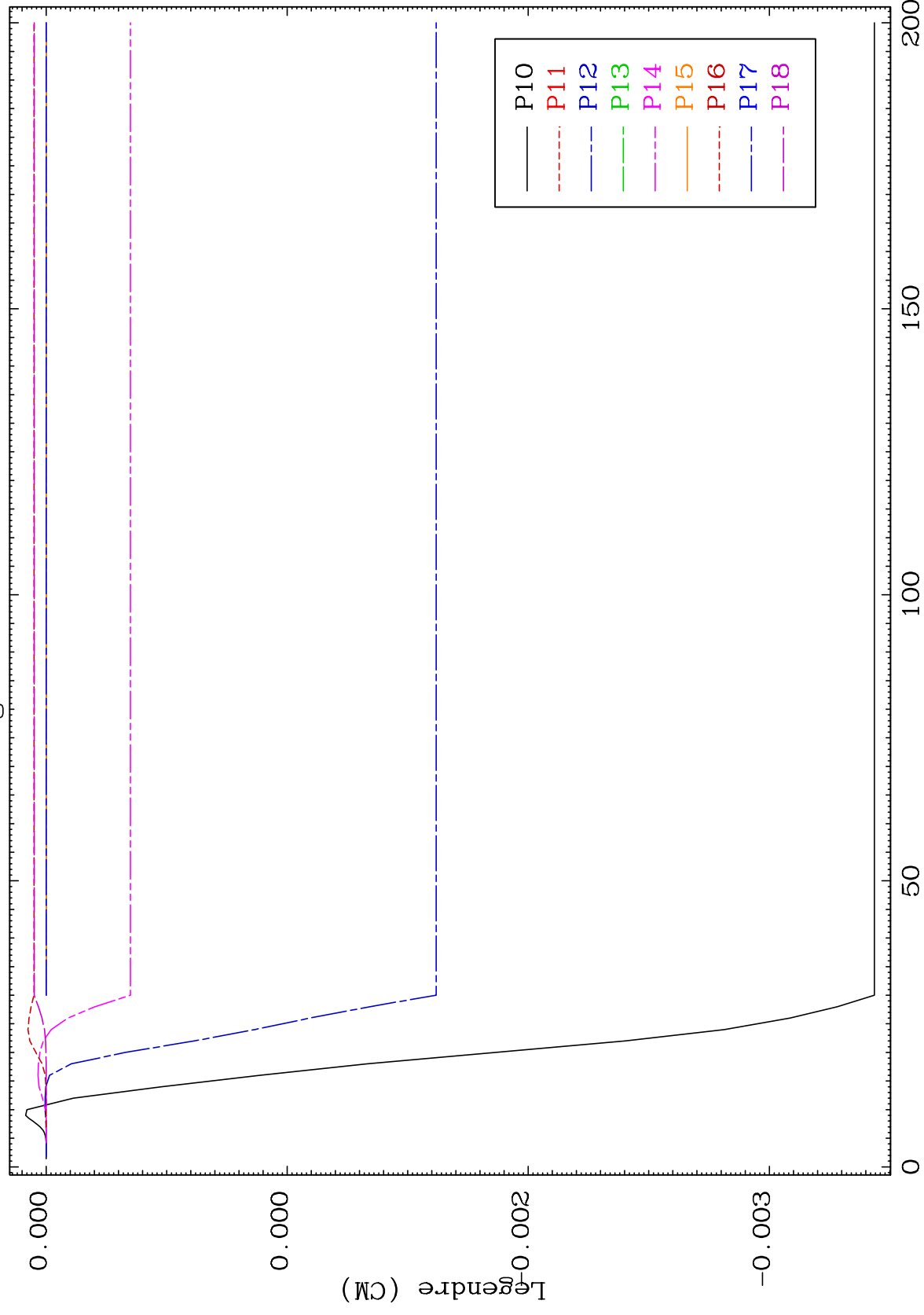
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



25

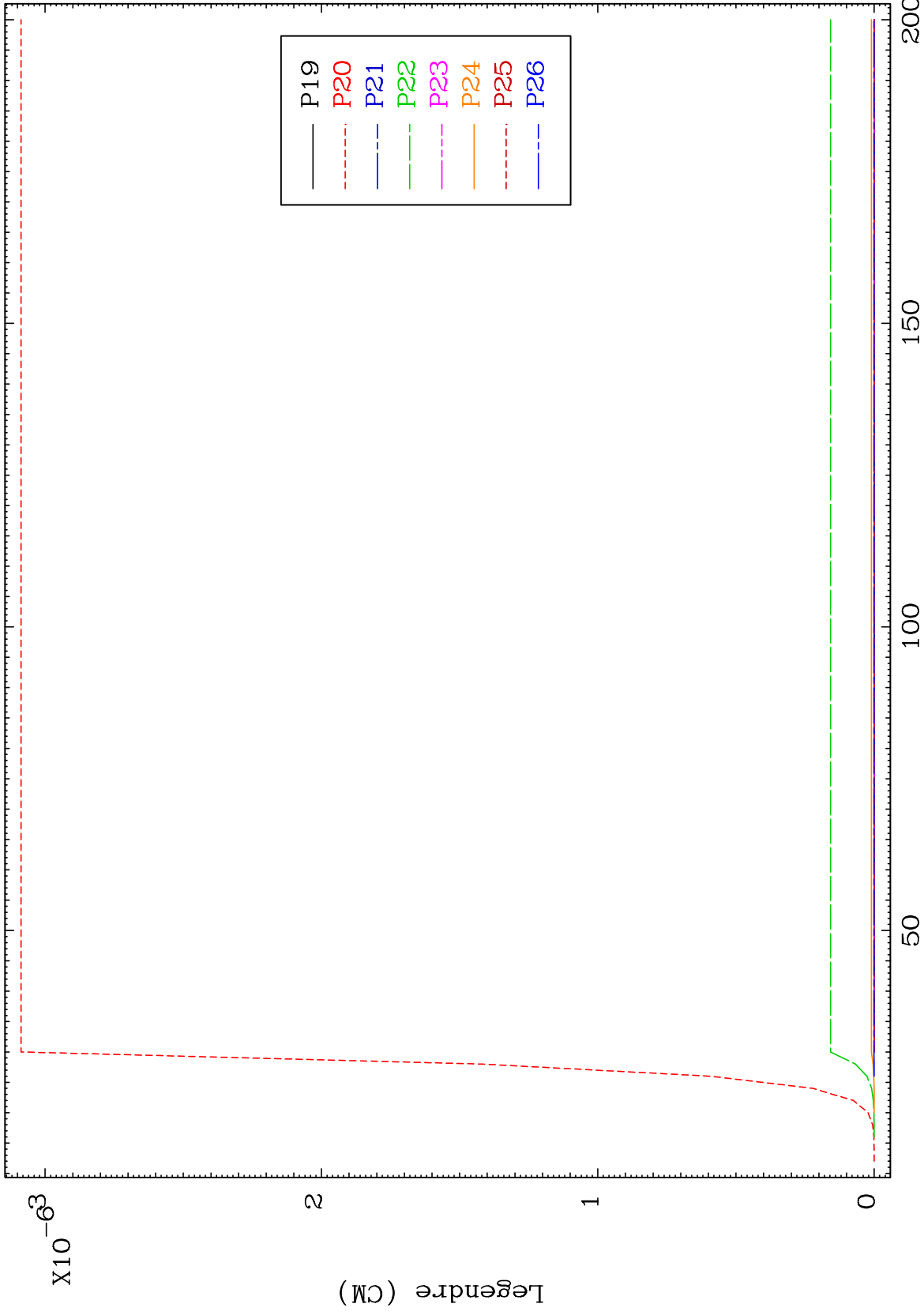
Incident Energy (MeV)

53-I -123

MAT 5313

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

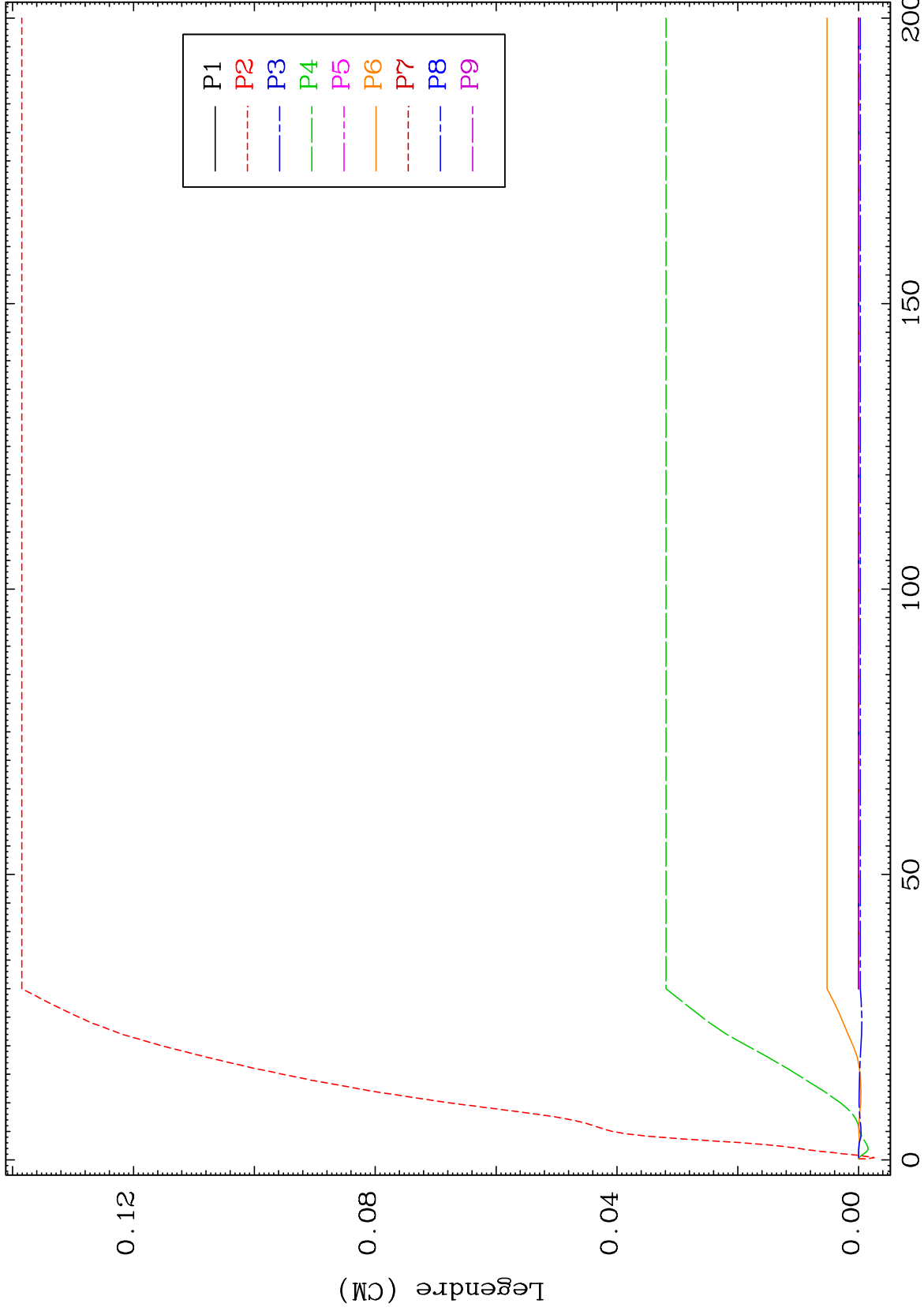
53-I -123



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Incident Energy (MeV)

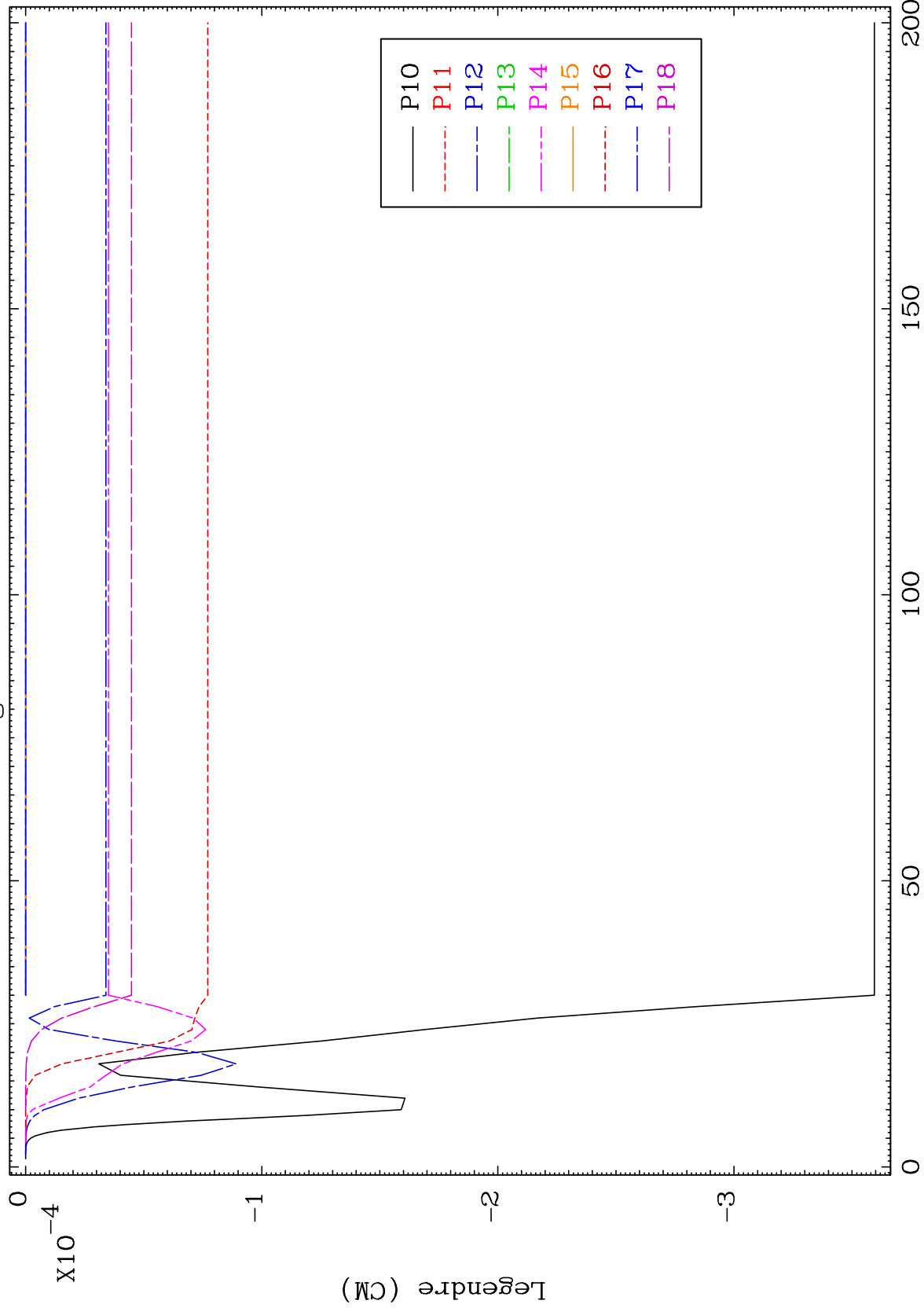
53-I -123



MAT 5313

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

53-I -123



28

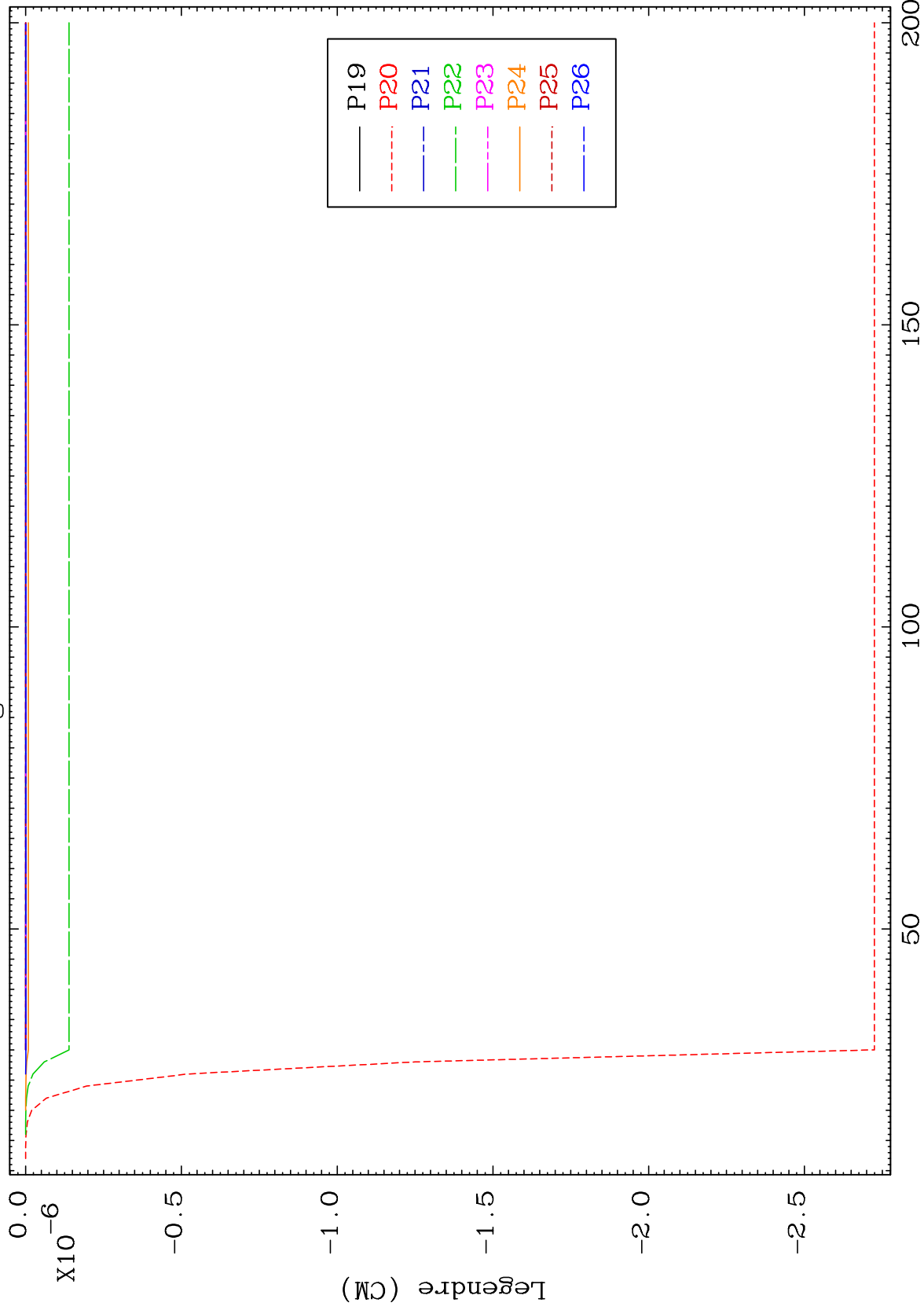
Incident Energy (MeV)

53-I -123

MAT 5313

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

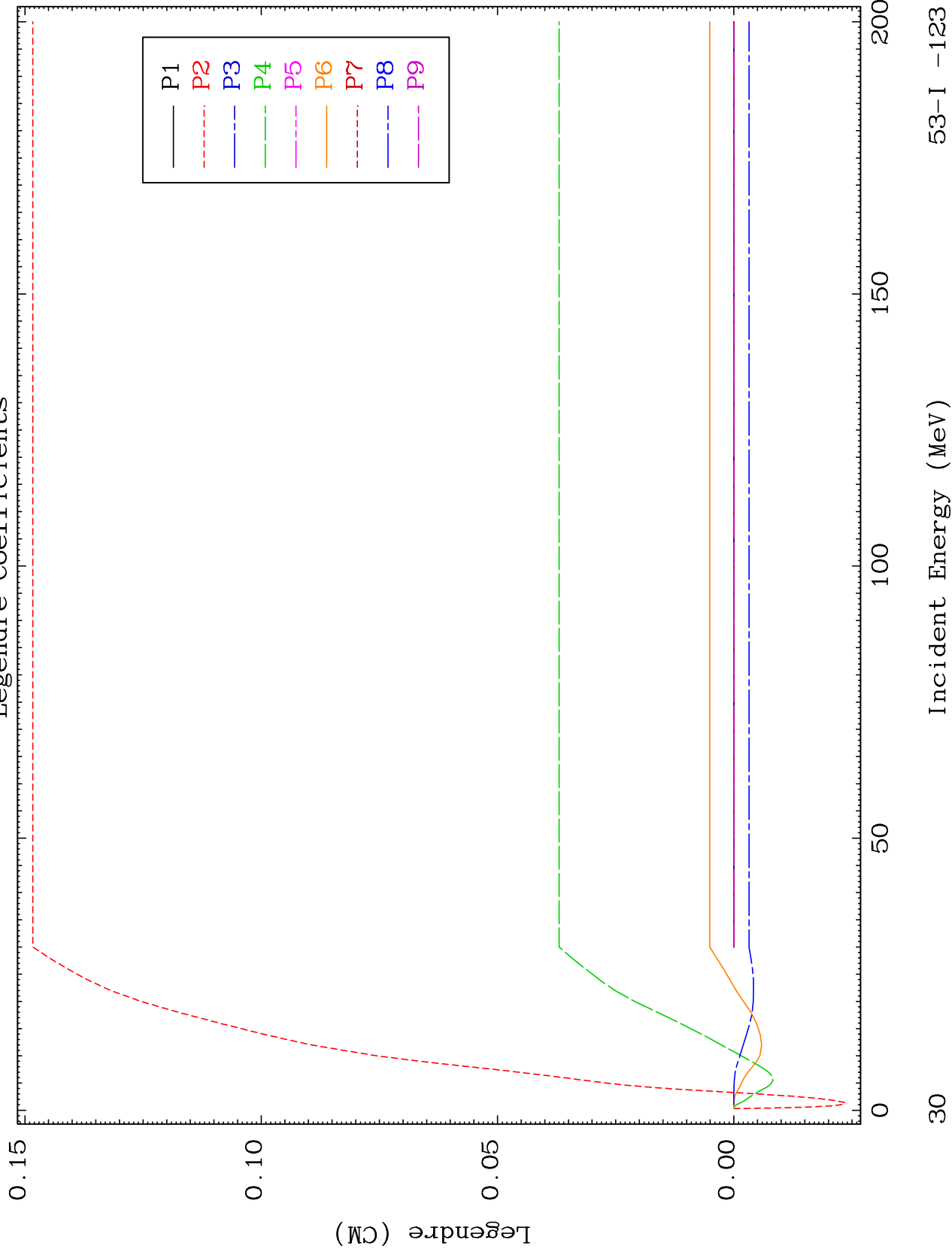
53-I -123



MAT 5313

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

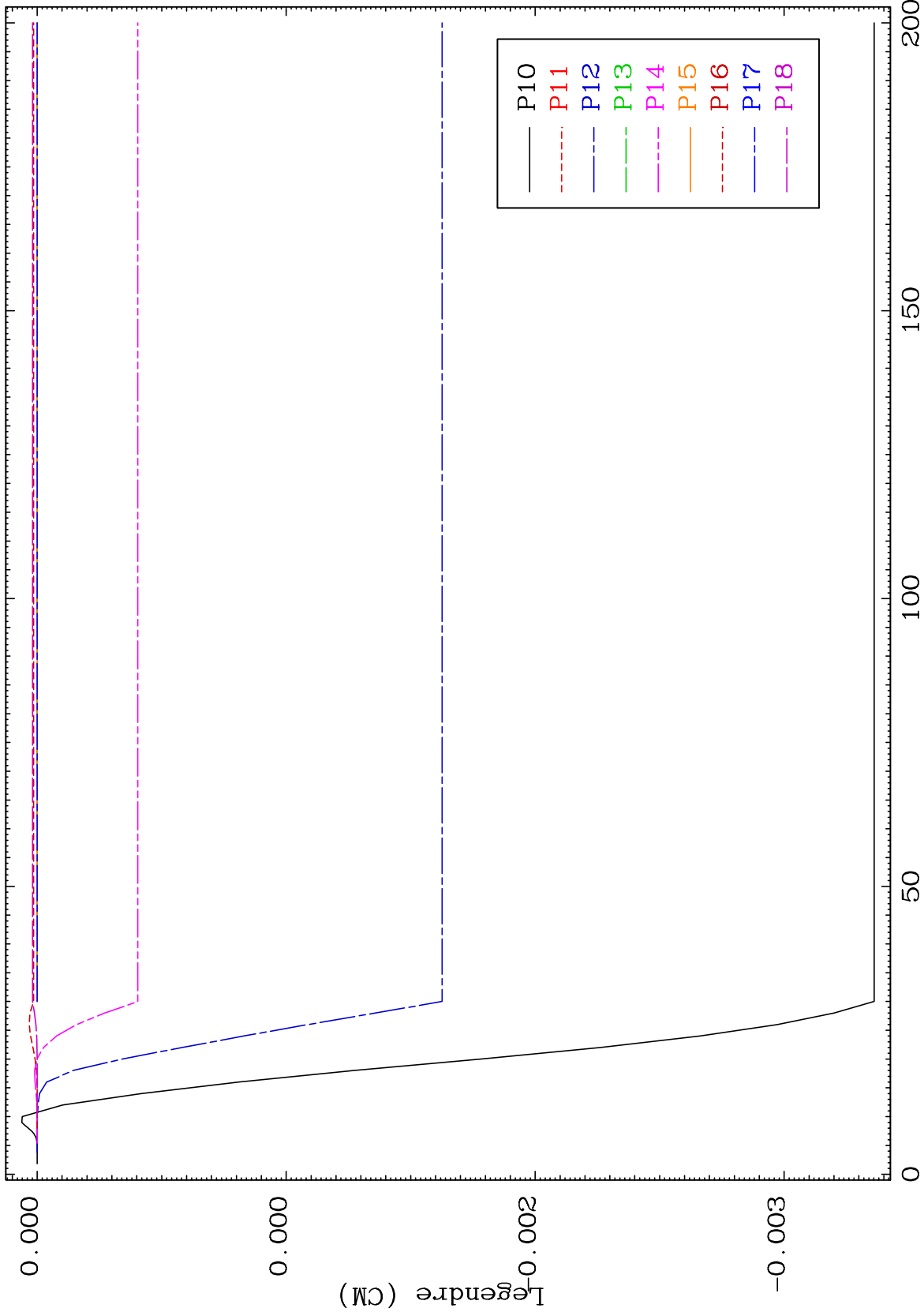
53-I -123



MAT 5313

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

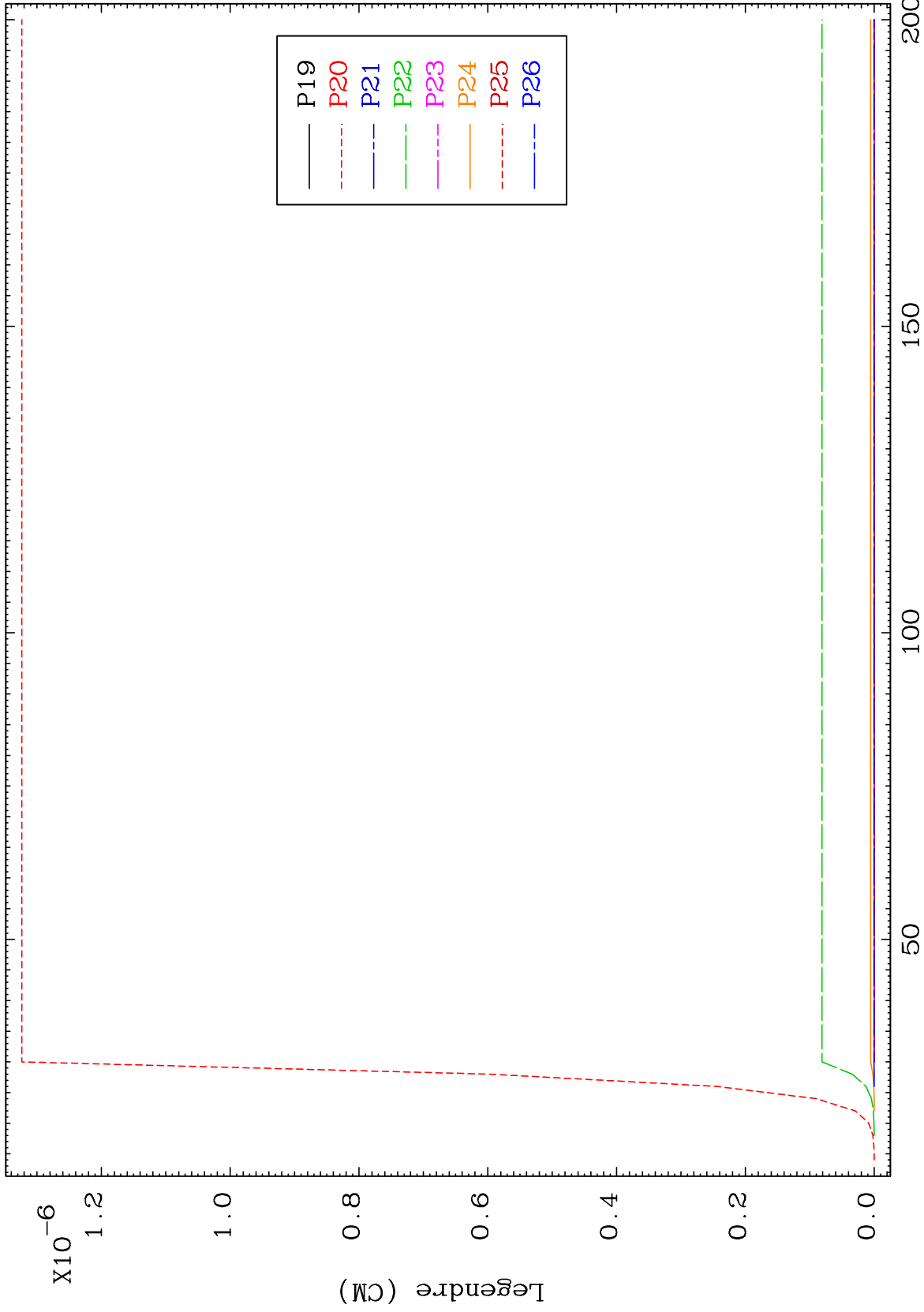
53-I -123



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Incident Energy (MeV)

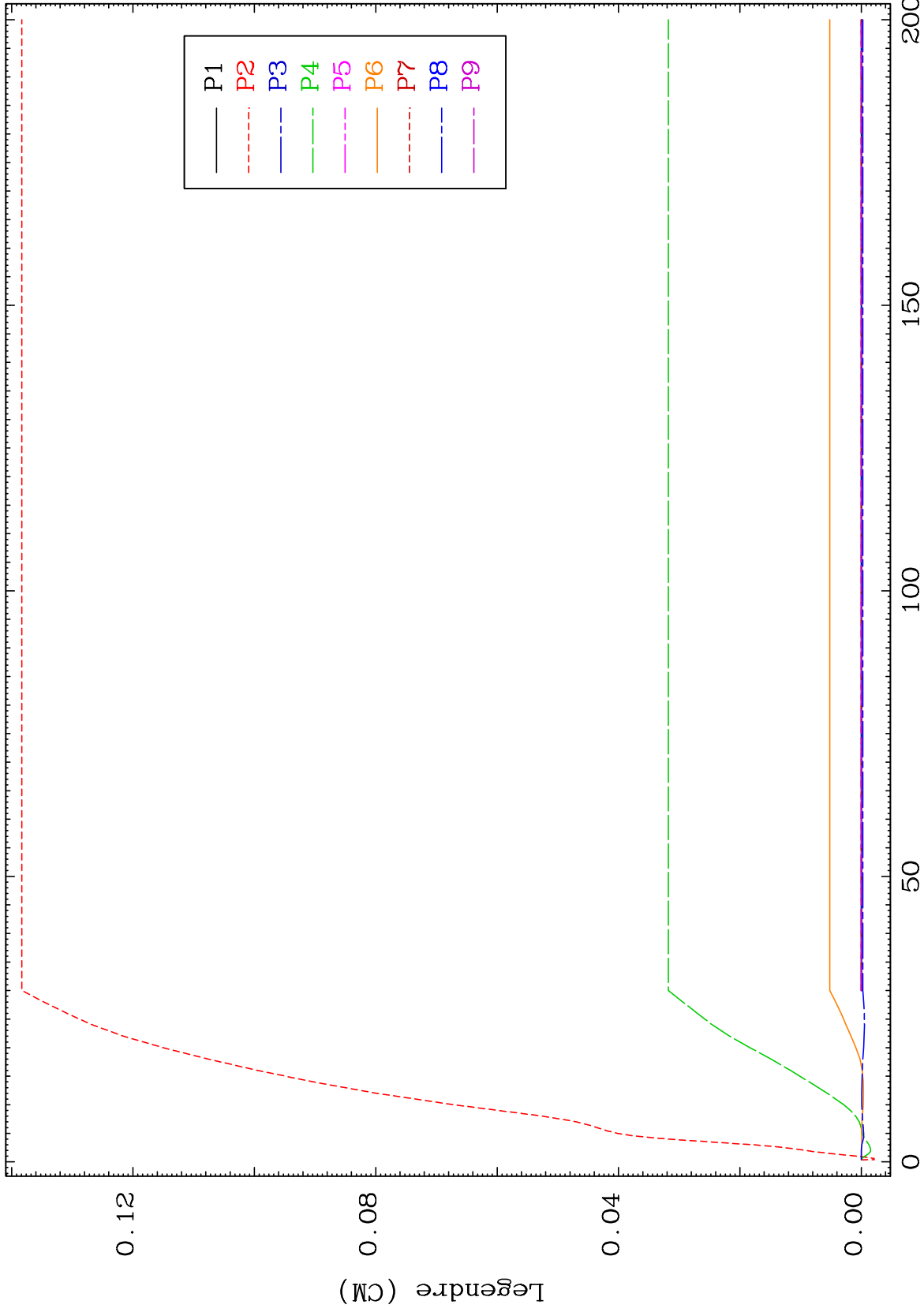
53-I -123



MAT 5313

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

53-I -123



53-I -123

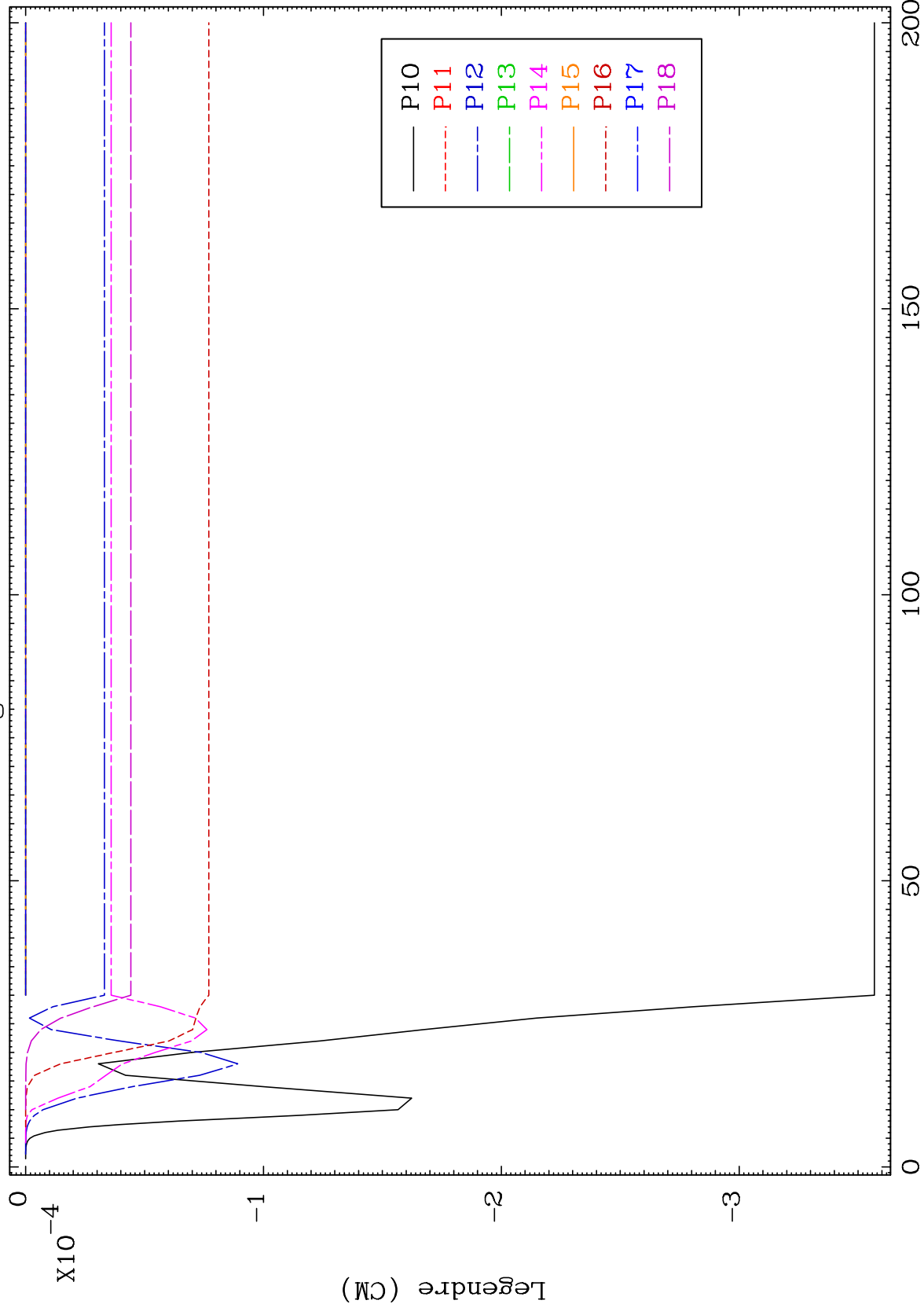
Incident Energy (MeV)

33

MAT 5313

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

53-I -123



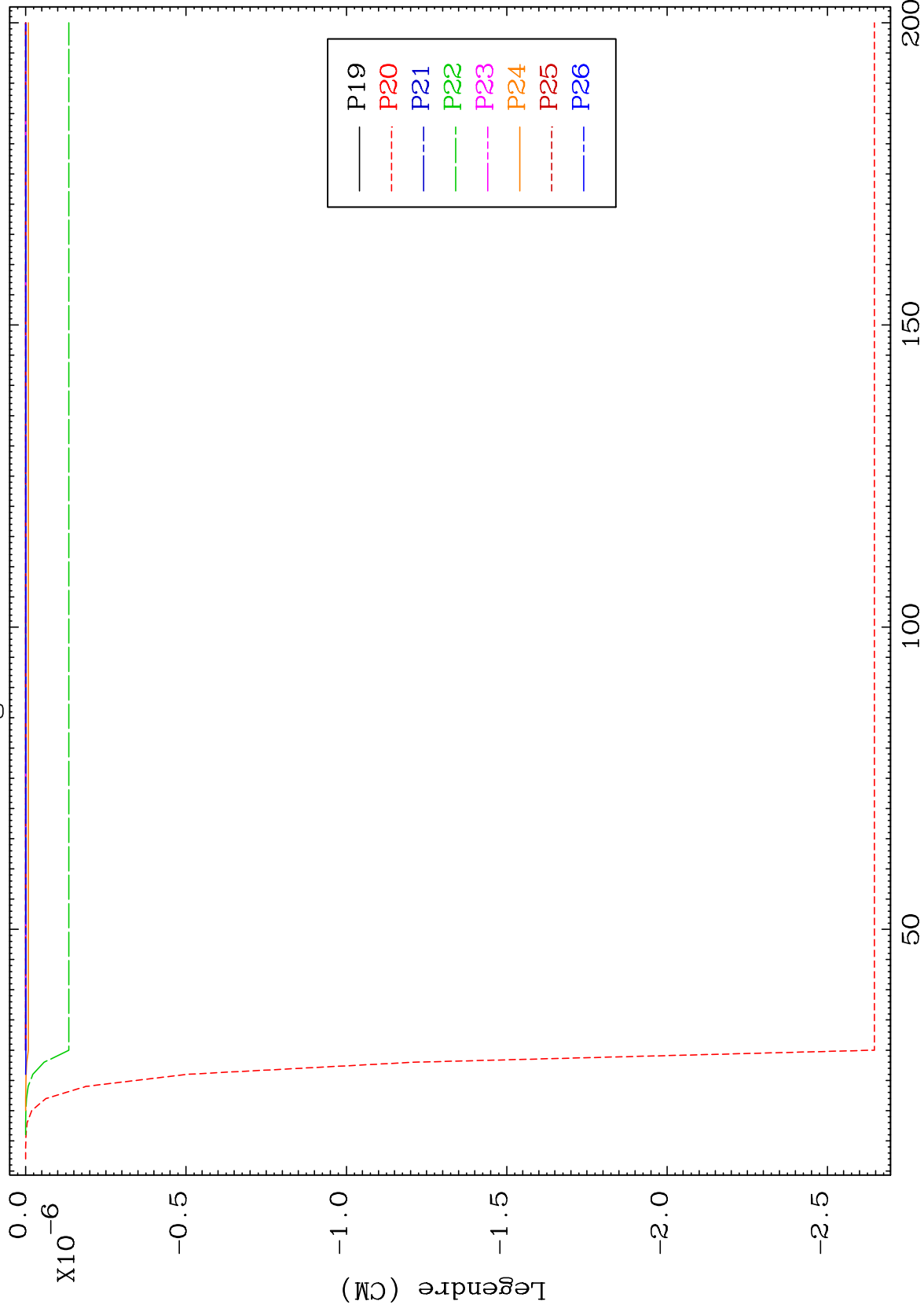
34

53-I -123

MAT 5313

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

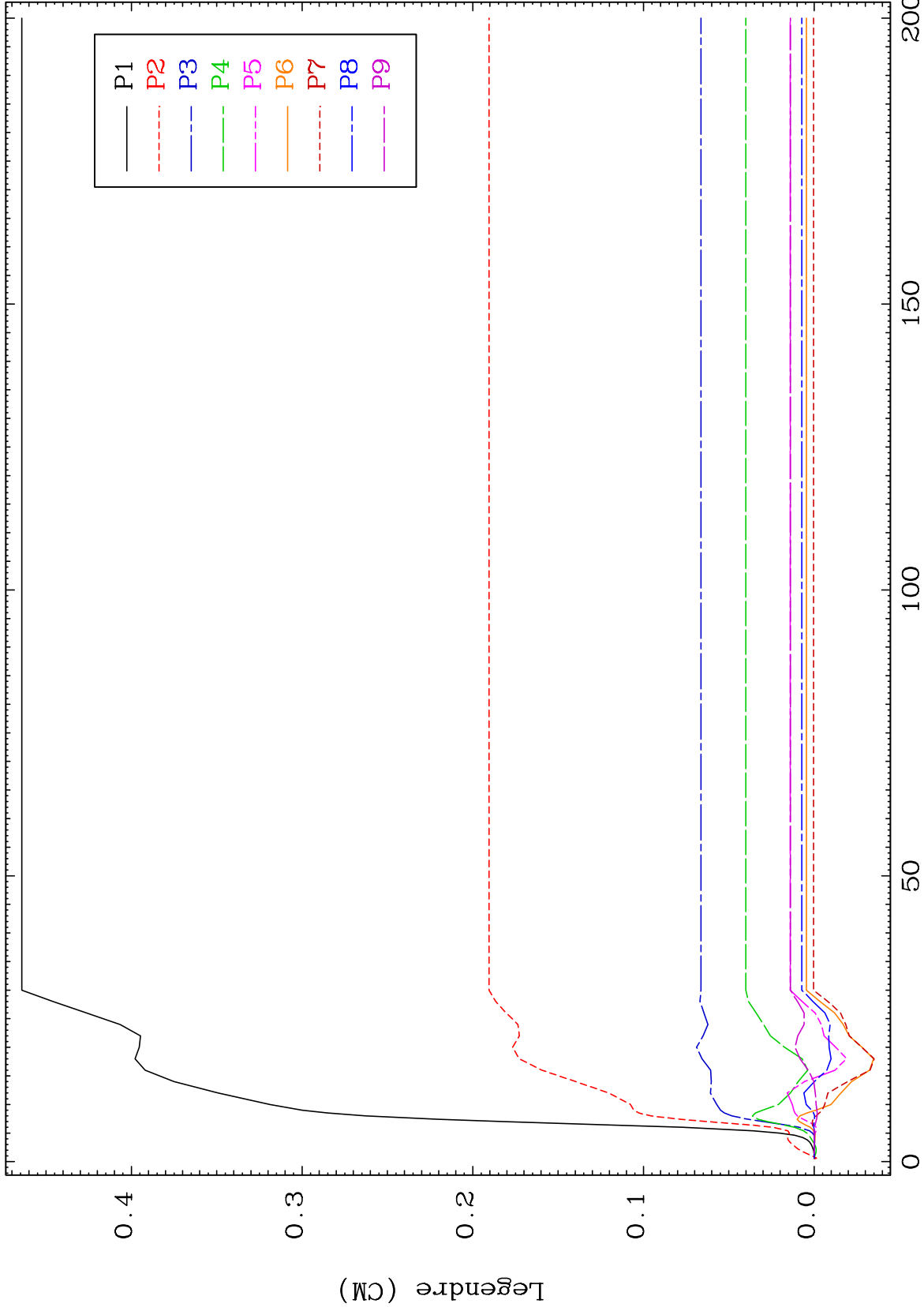
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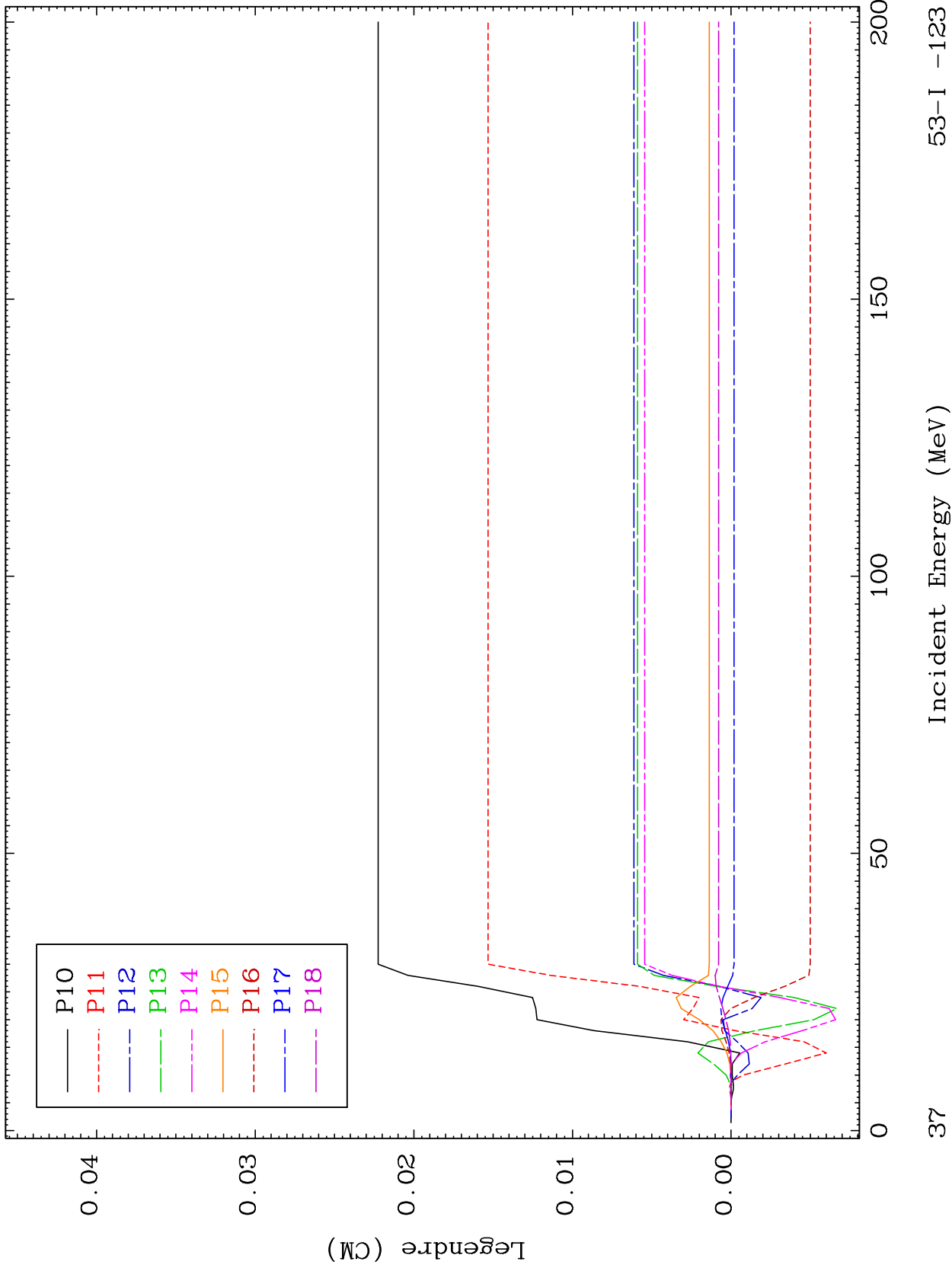


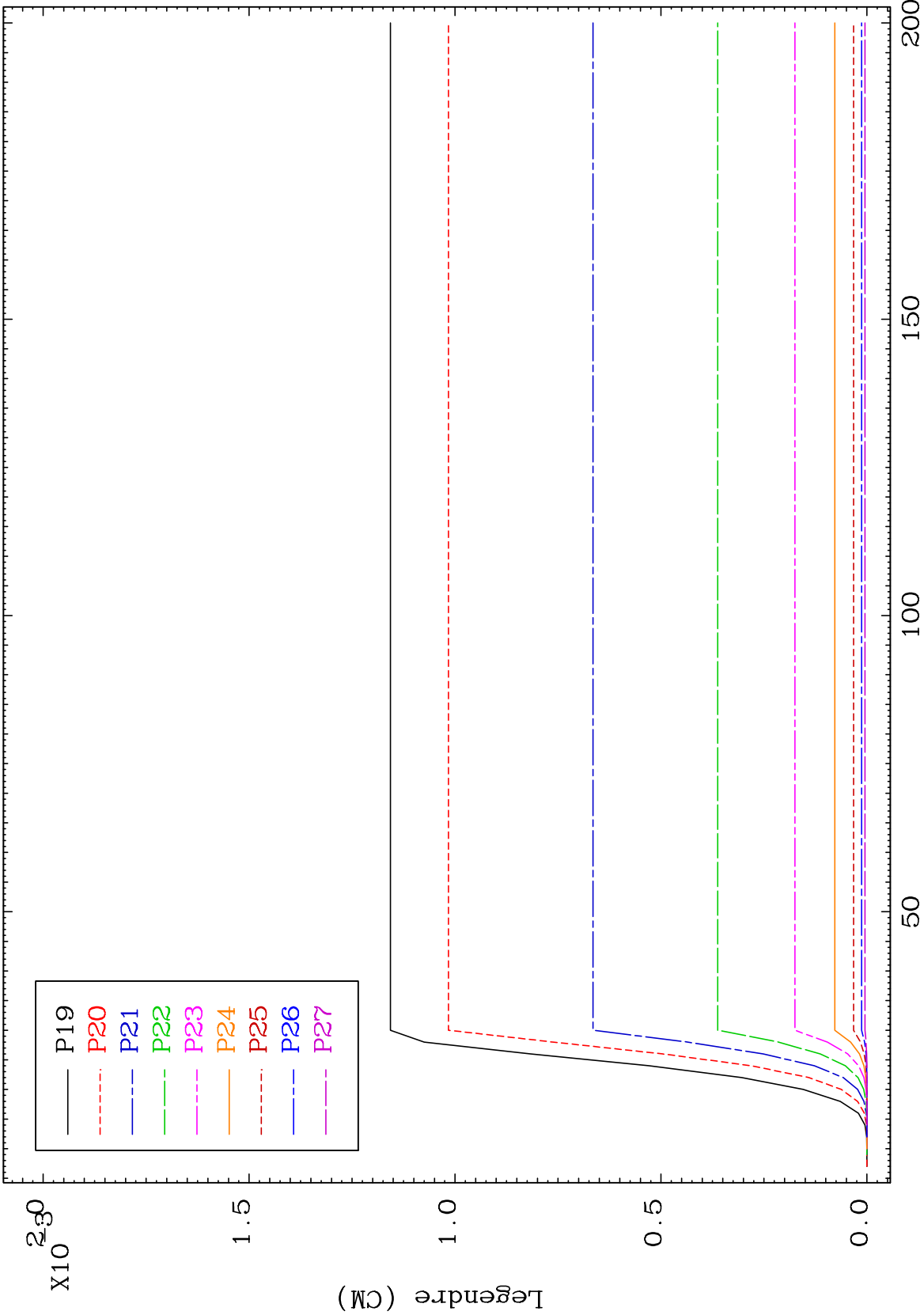
35

Incident Energy (MeV)

53-I -123



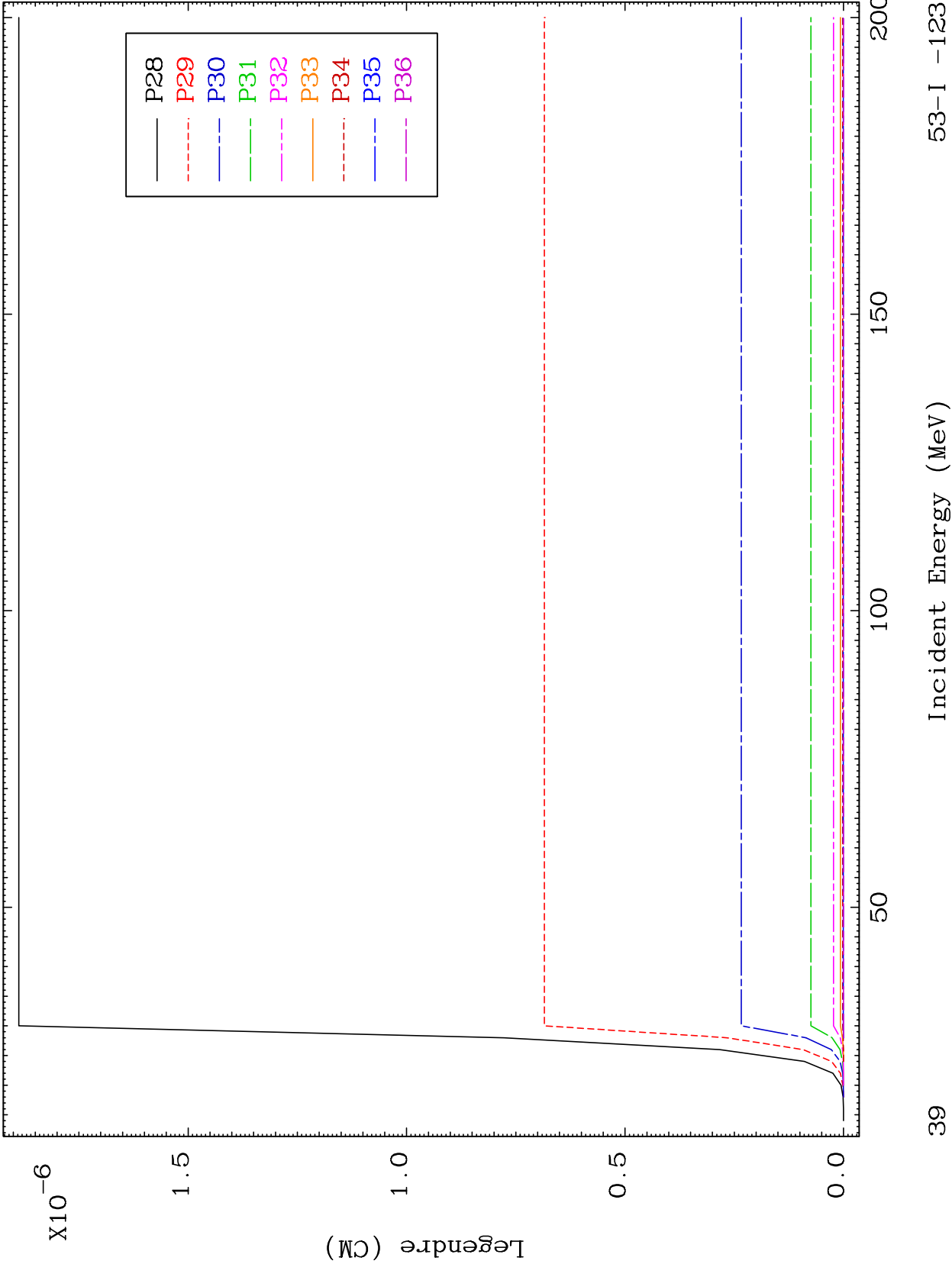




MAT 5313

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

53-I -123



39

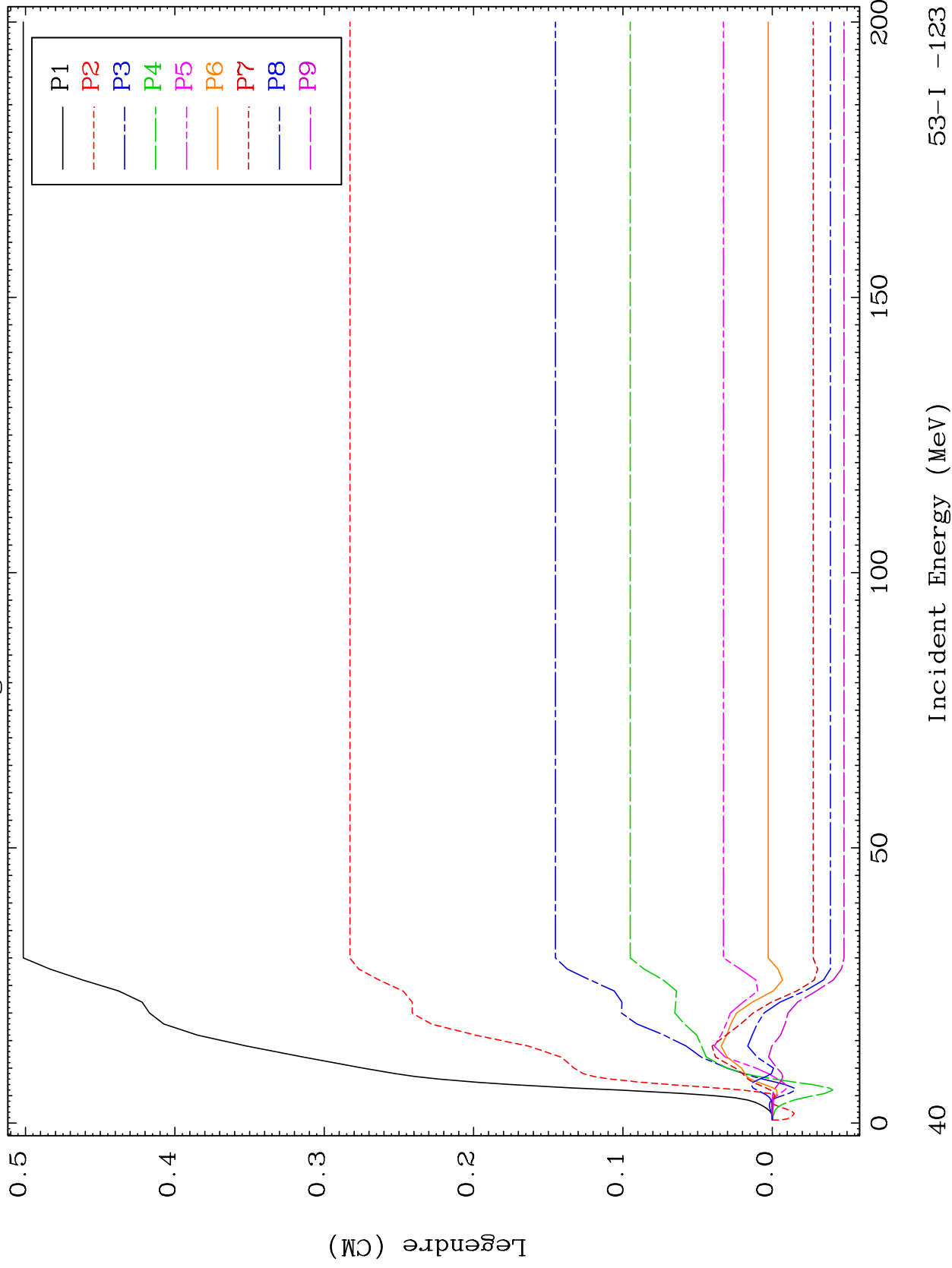
53-I -123

MAT 5313

MT= 57 (n,n') Level

53-I -123

Legendre Coefficients



53-I -123

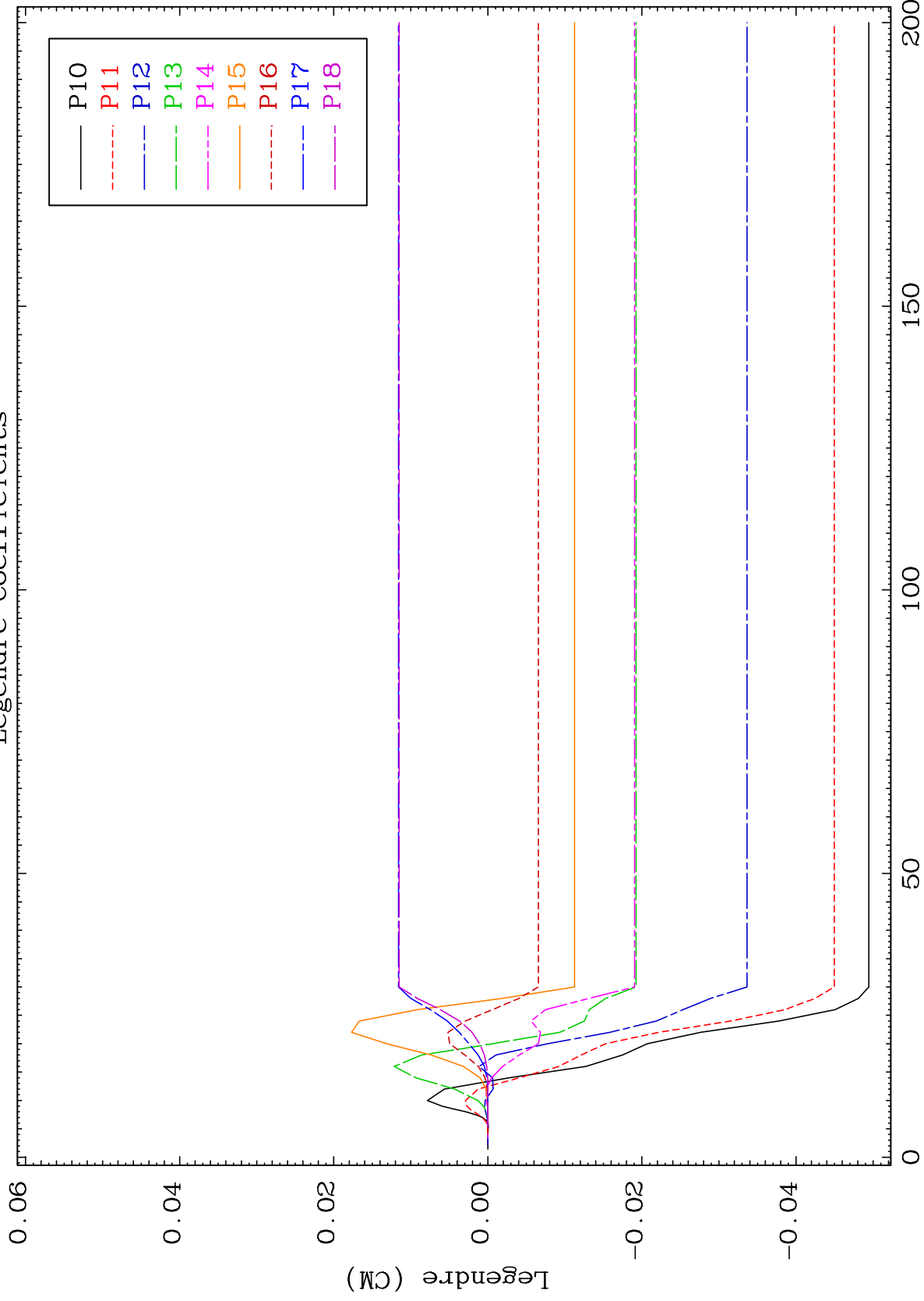
Incident Energy (MeV)

40

MAT 5313

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

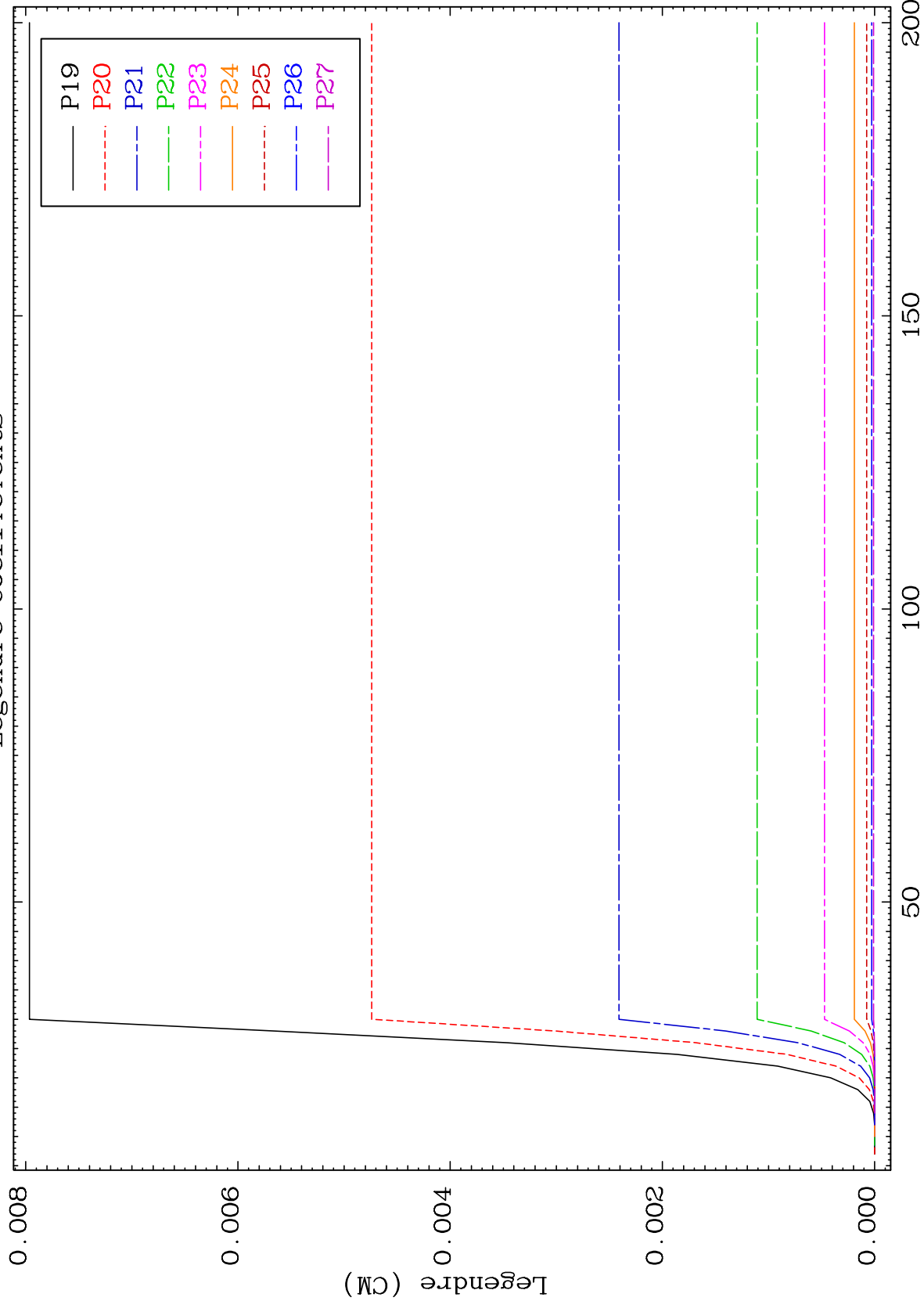
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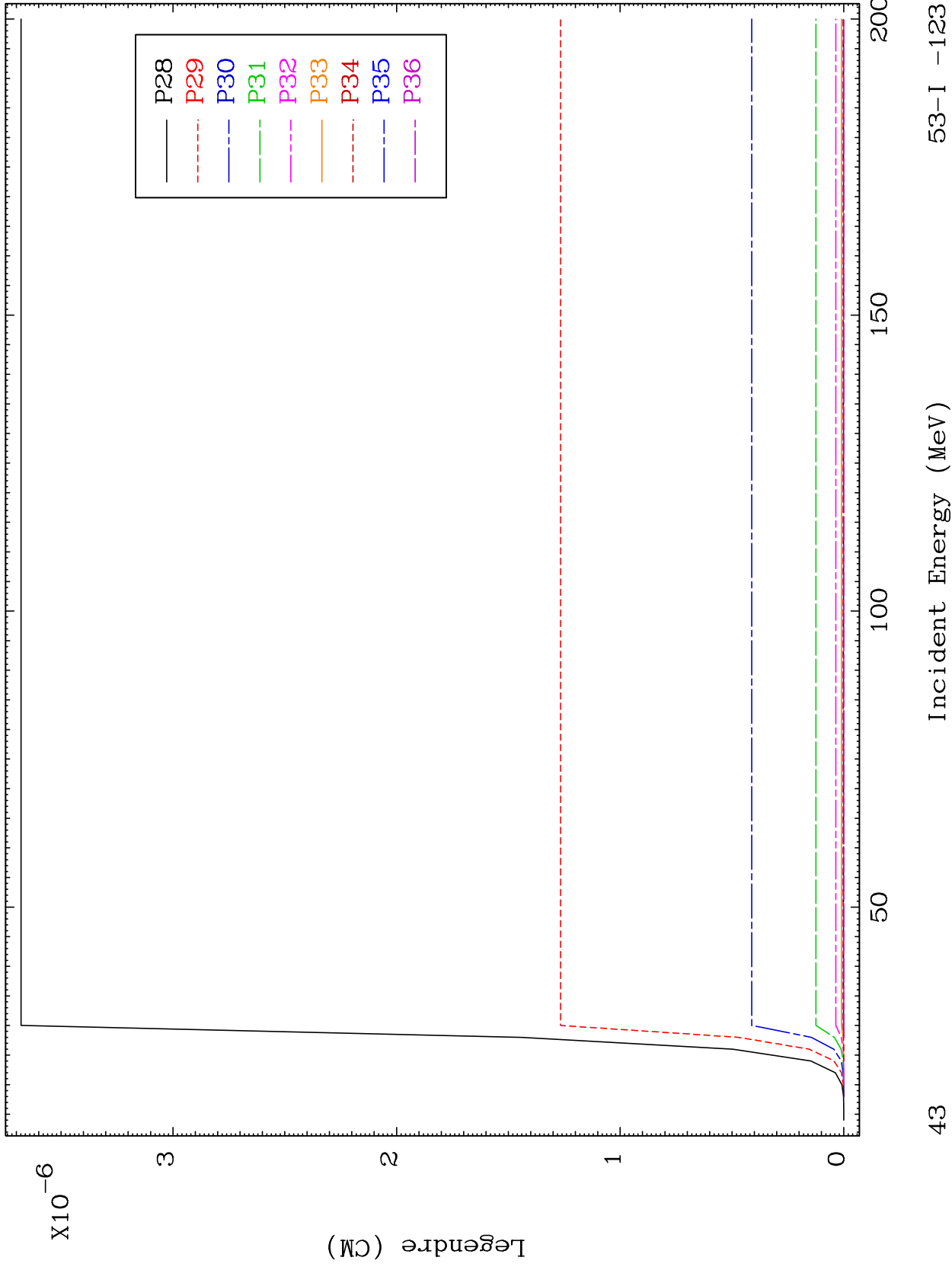


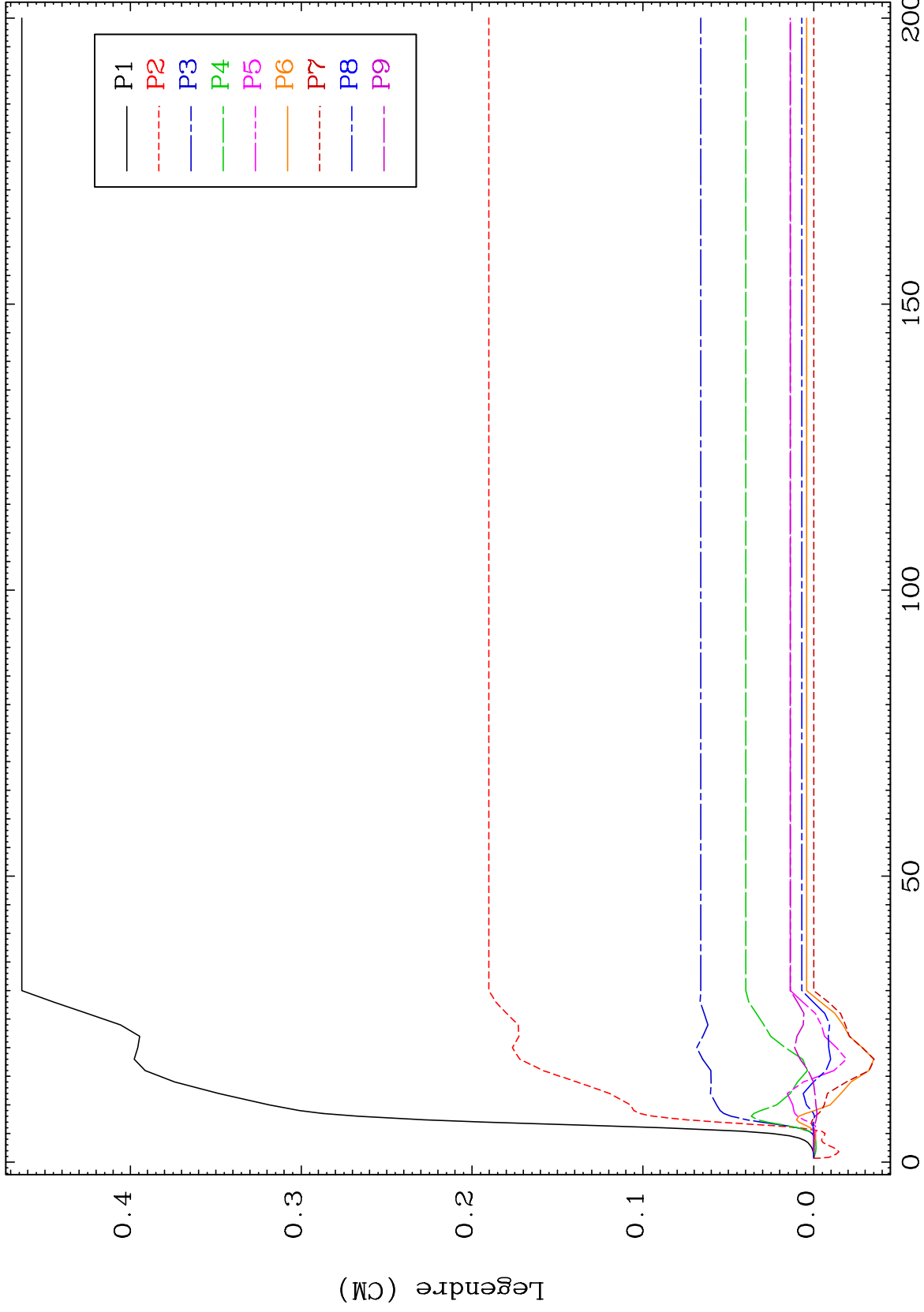
41

Incident Energy (MeV)

53-I -123



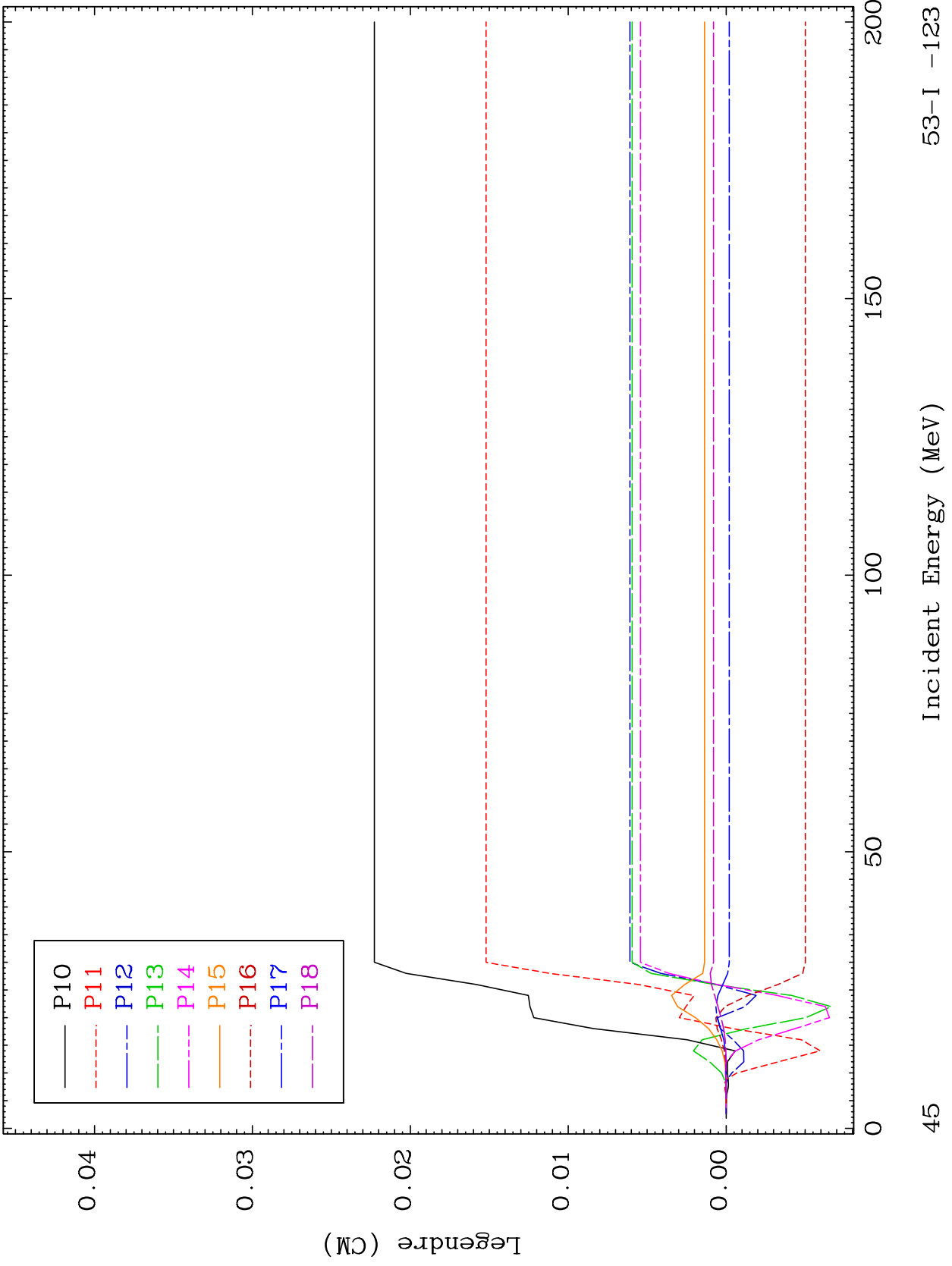




MAT 5313

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

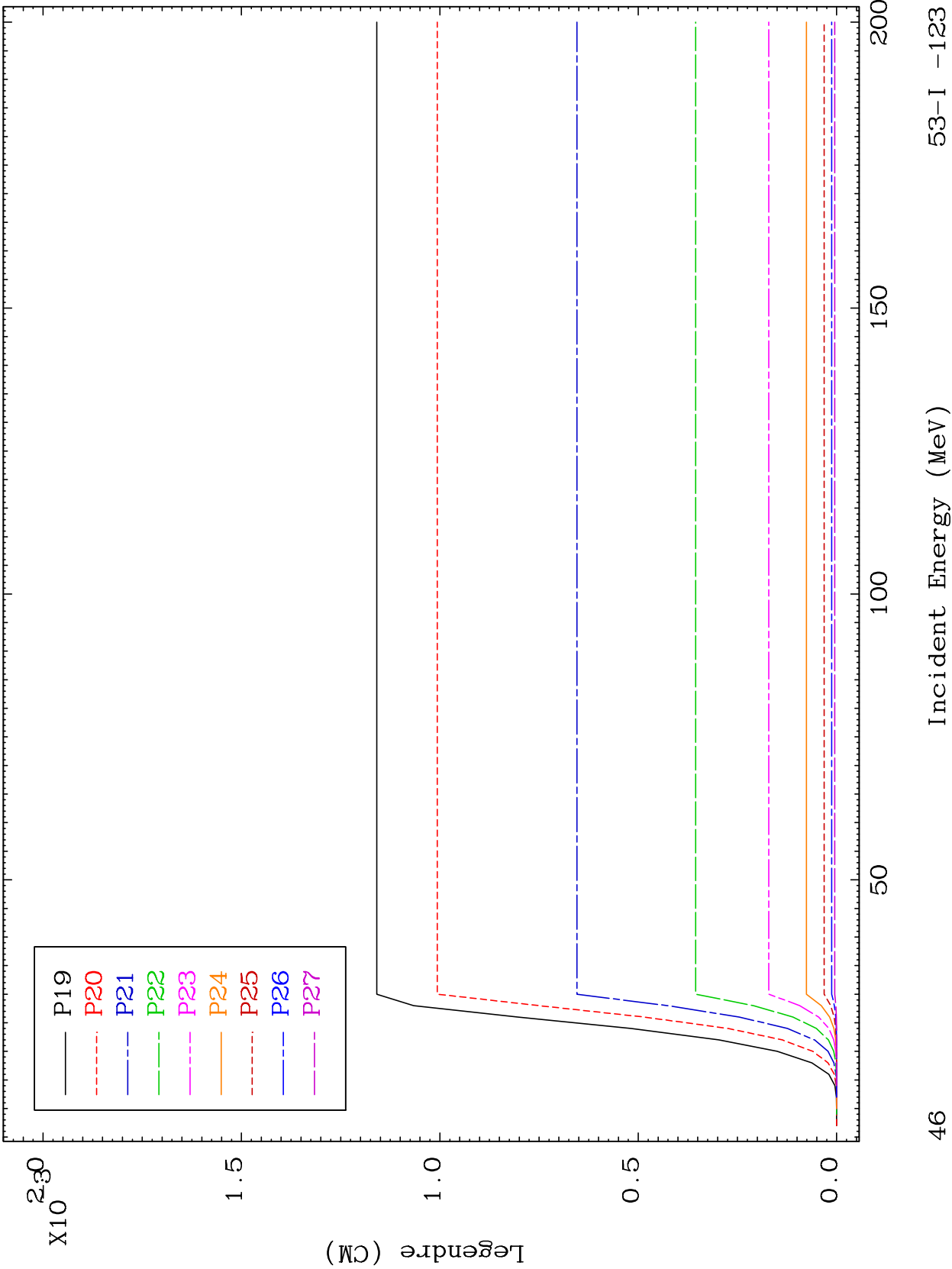
53-I -123

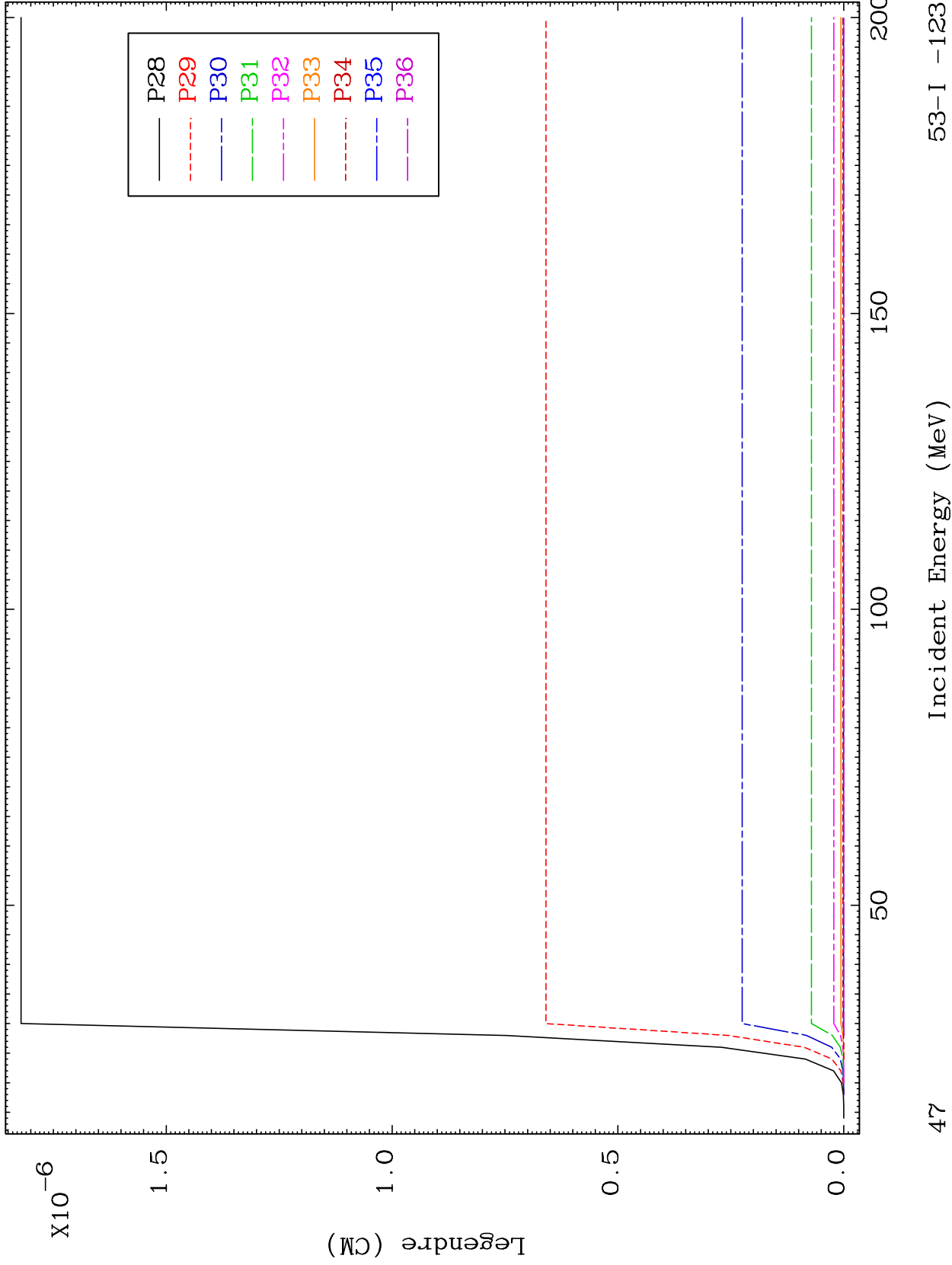


53-I -123

Incident Energy (MeV)

45

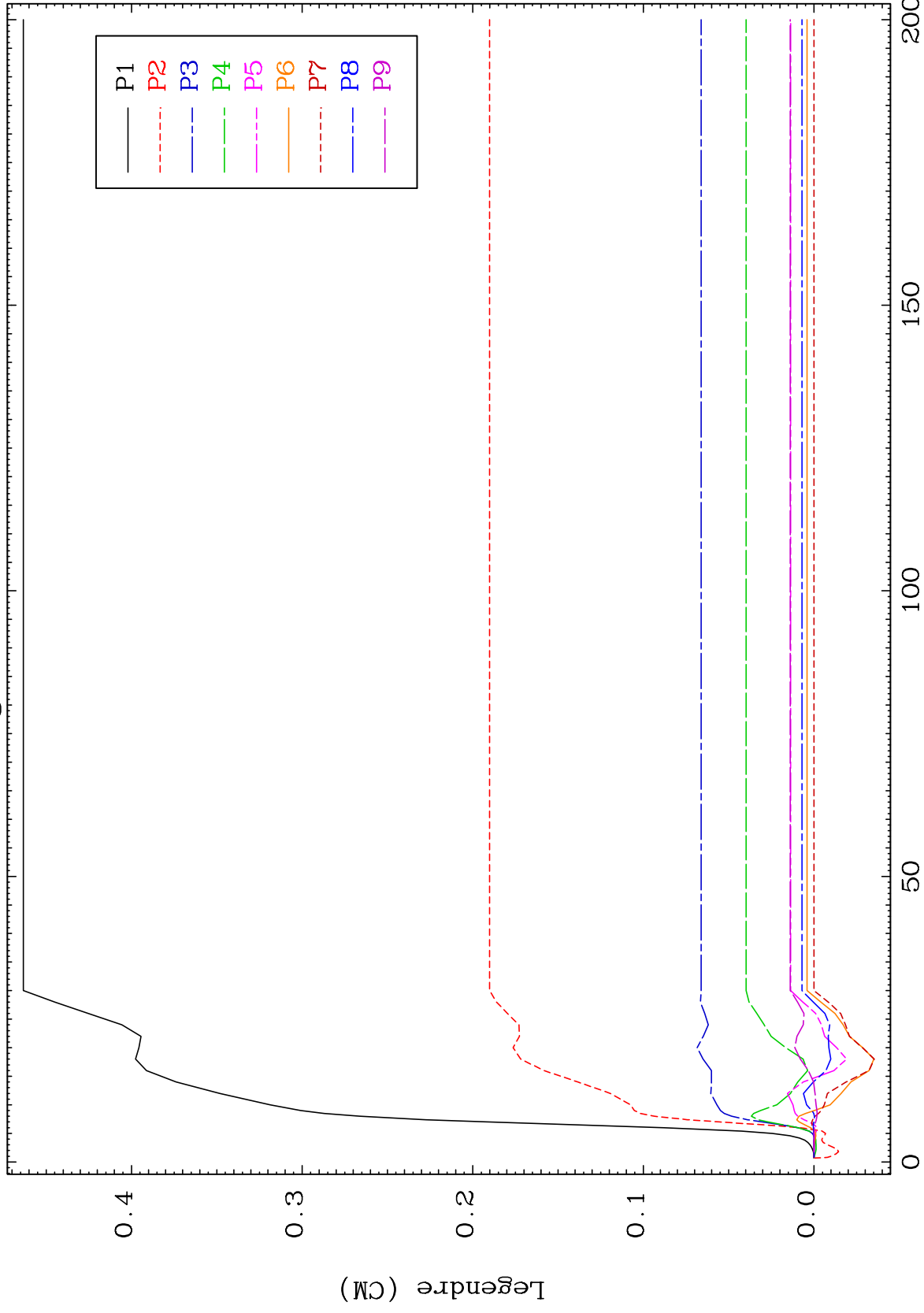




MAT 5313

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

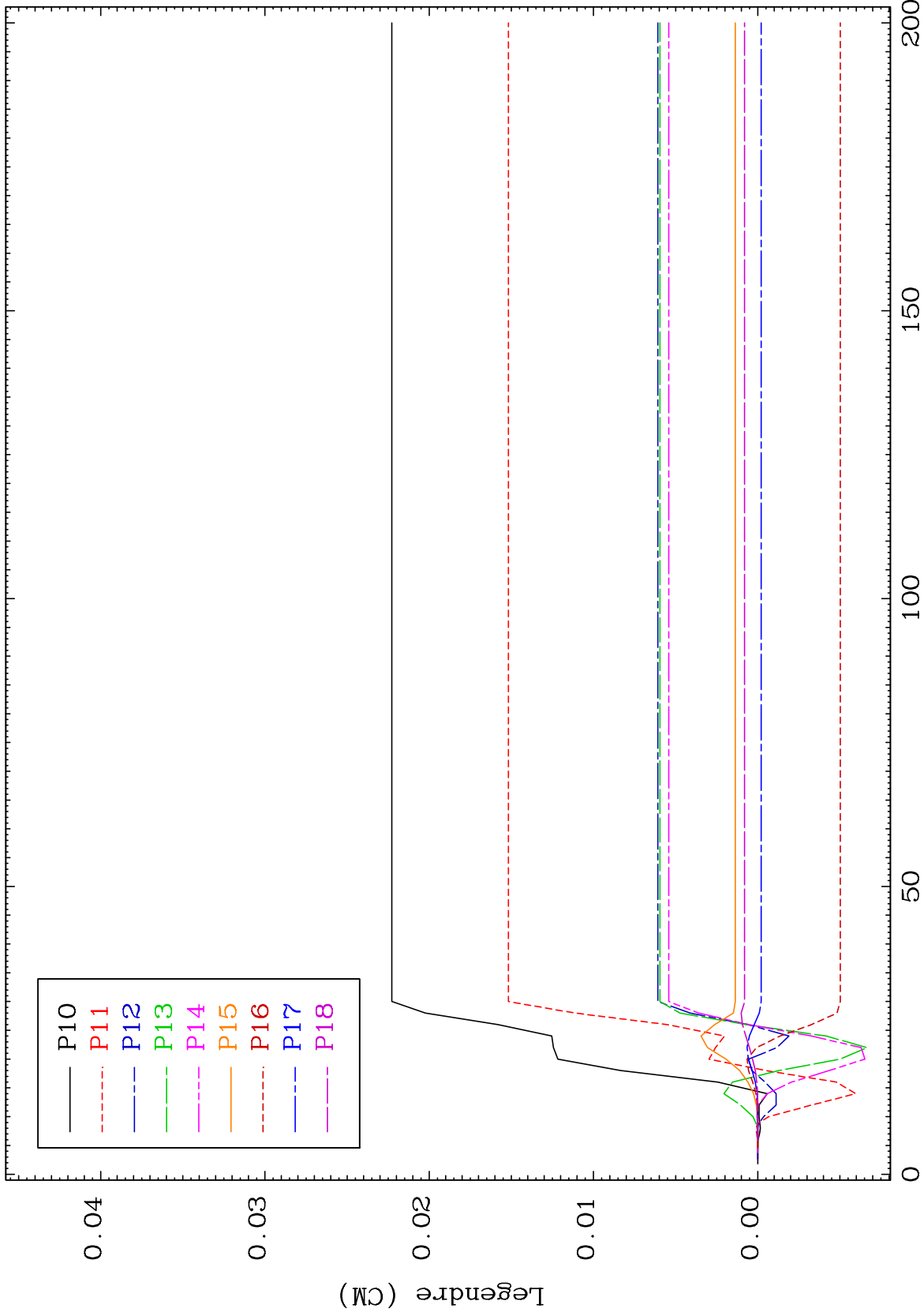
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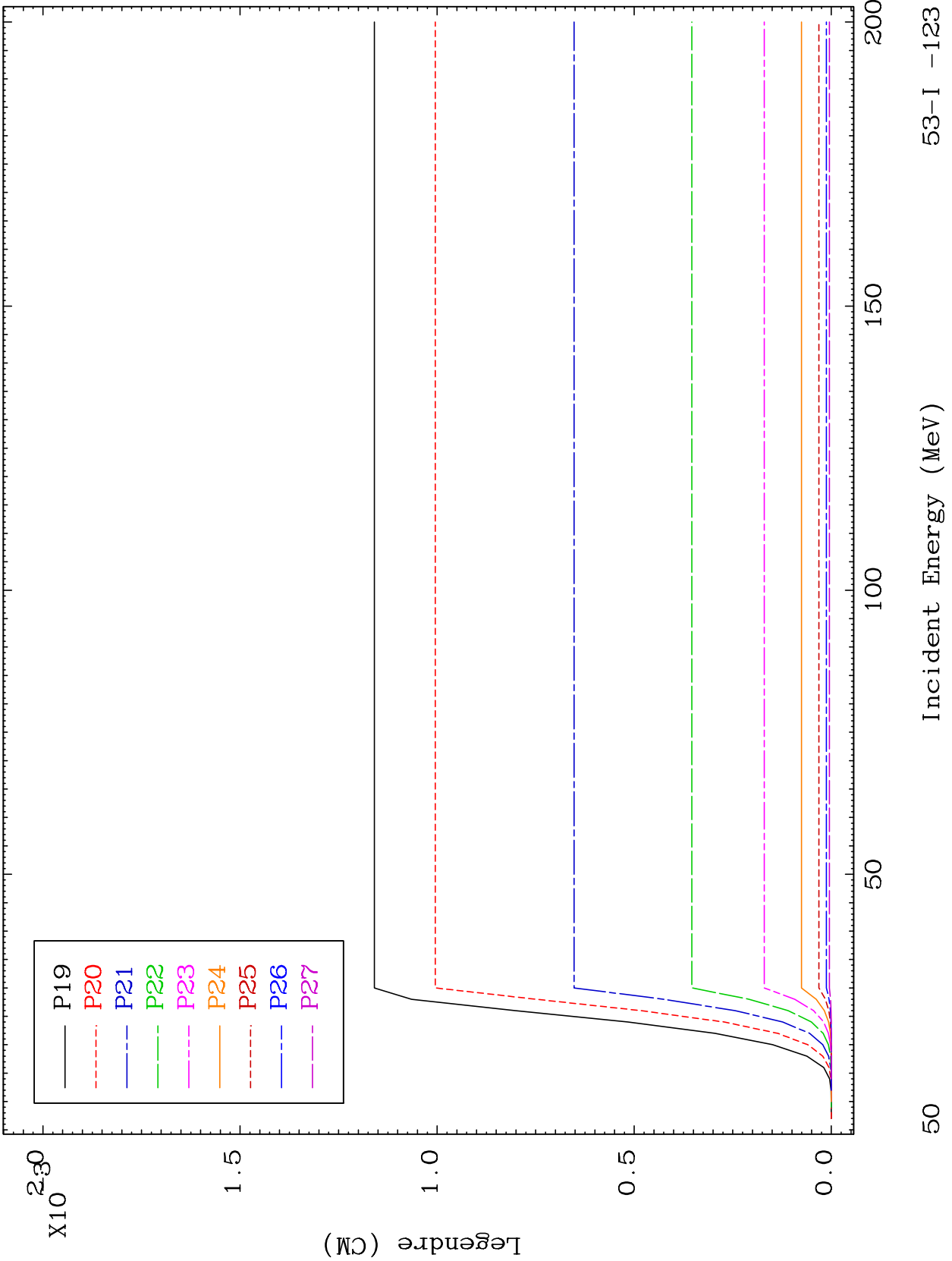


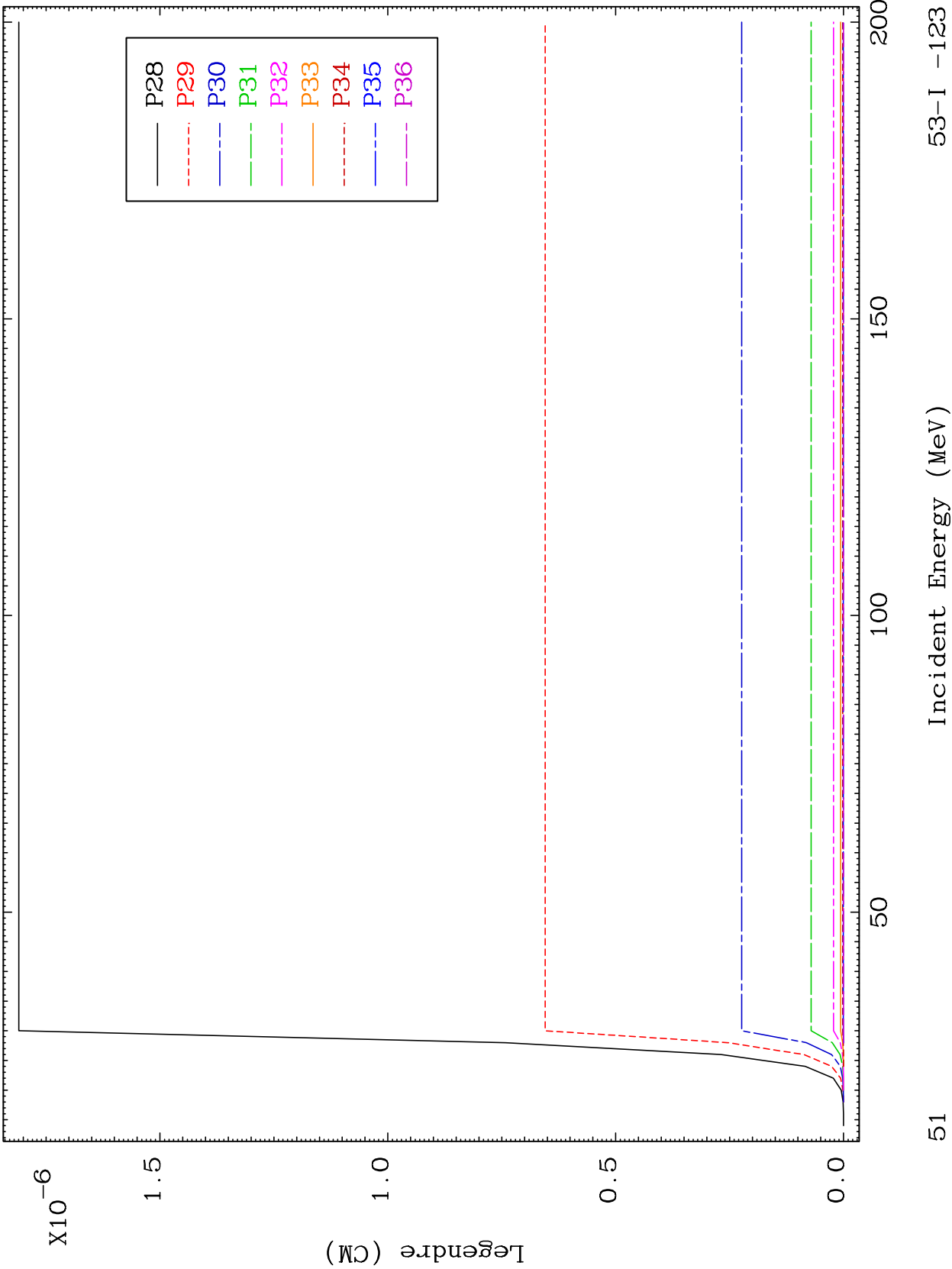
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Incident Energy (MeV)

53-I -123



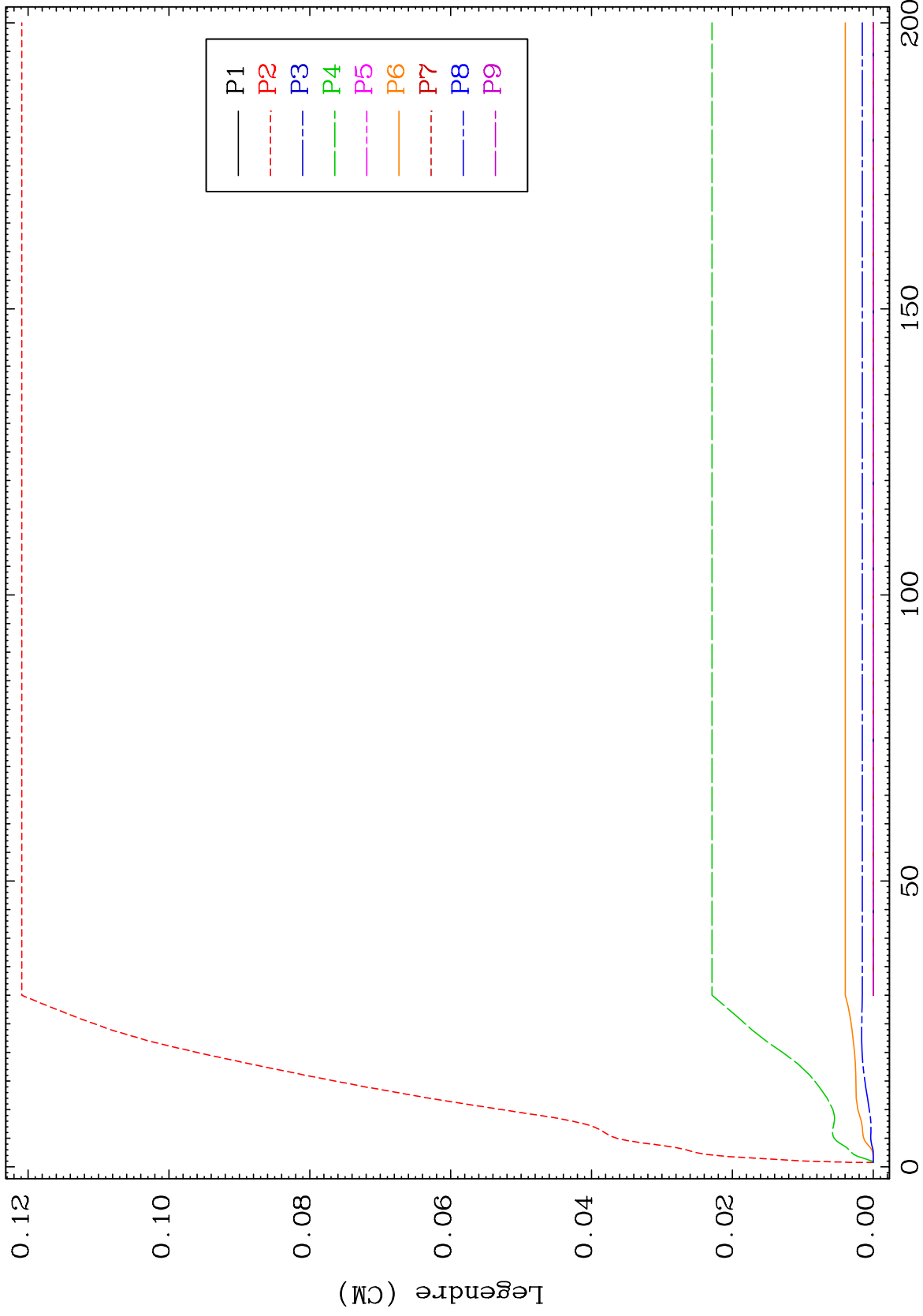




MAT 5313

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

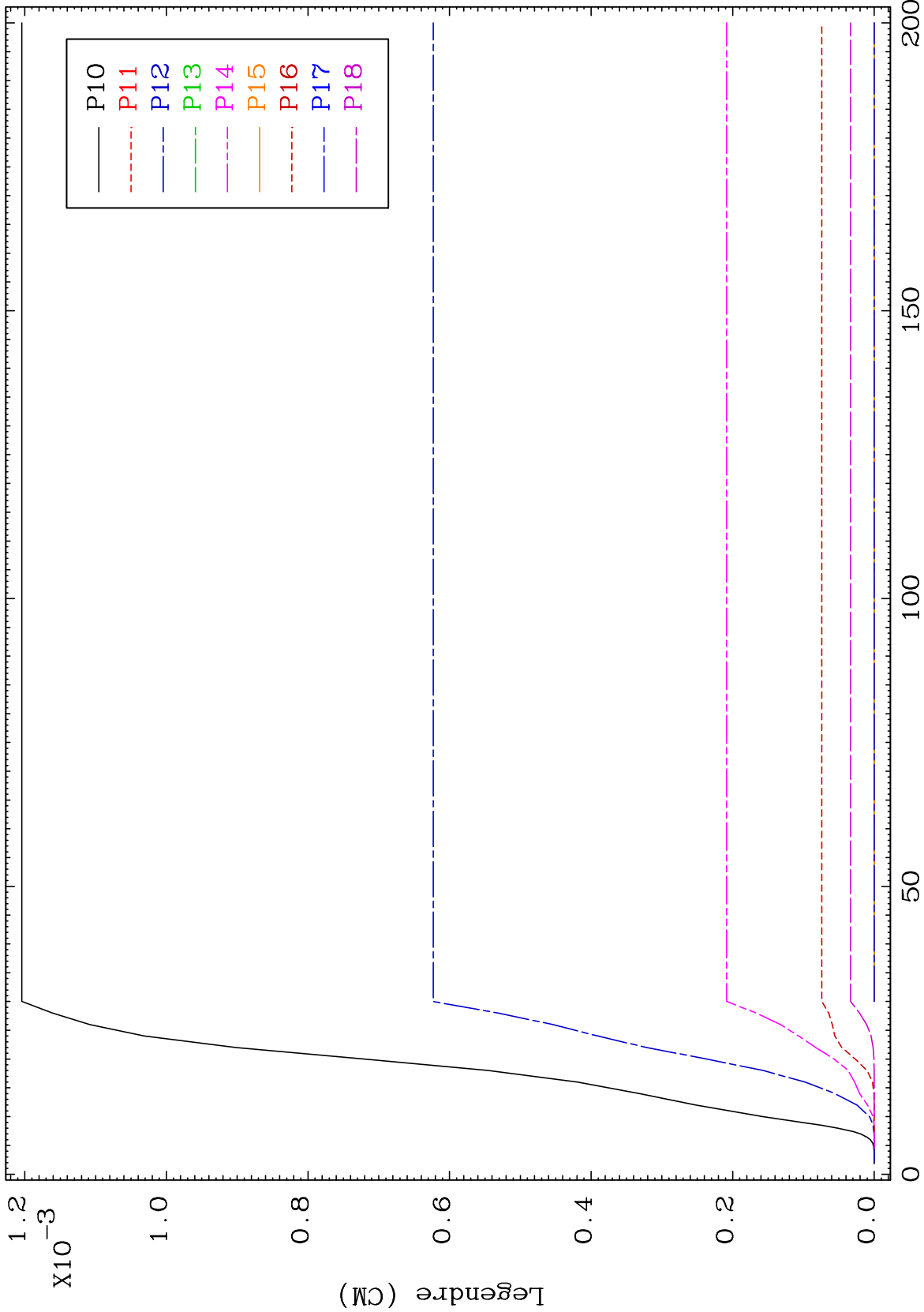
53-I -123



52

Incident Energy (MeV)

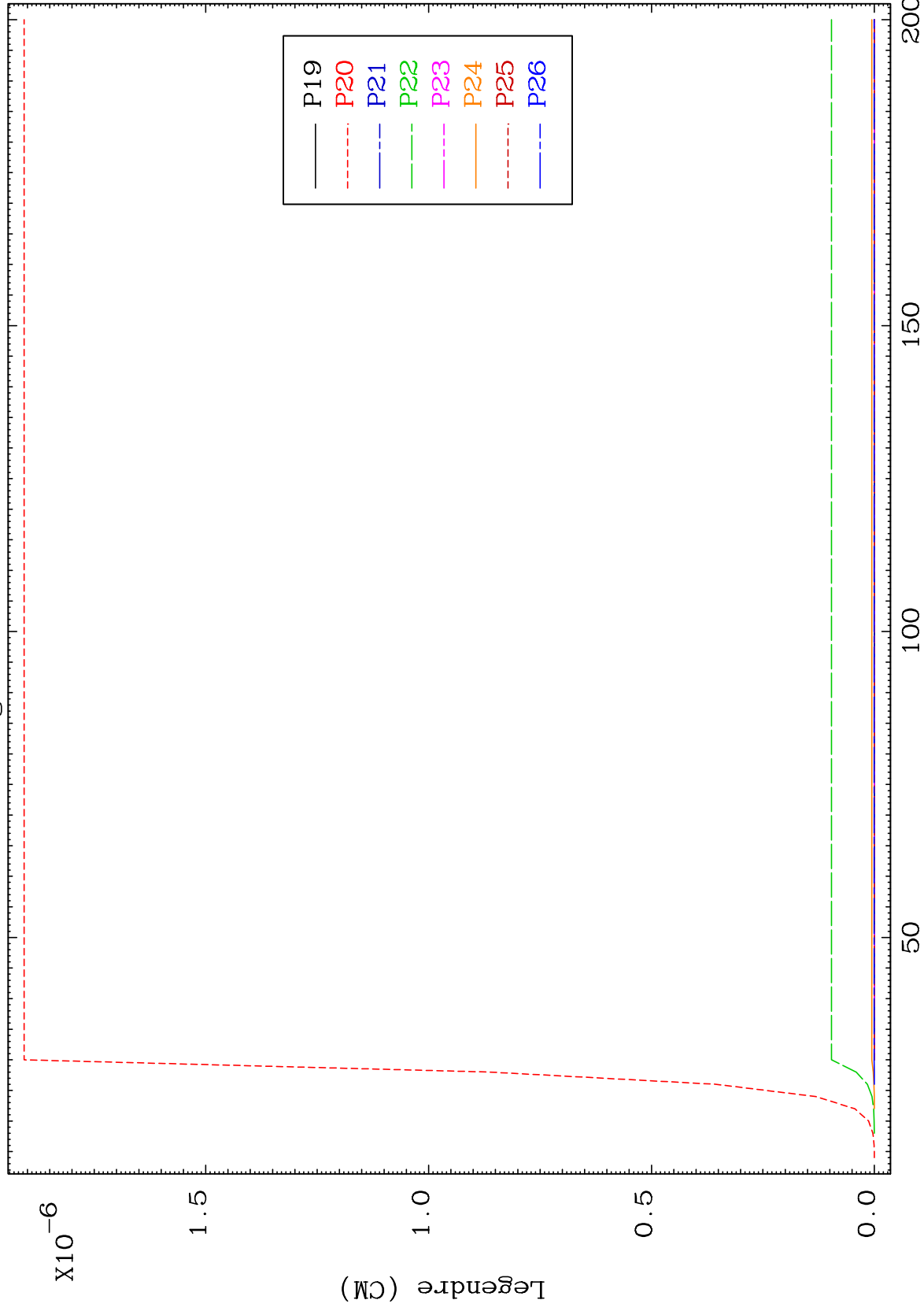
53-I -123



MAT 5313

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

53-I -123



54

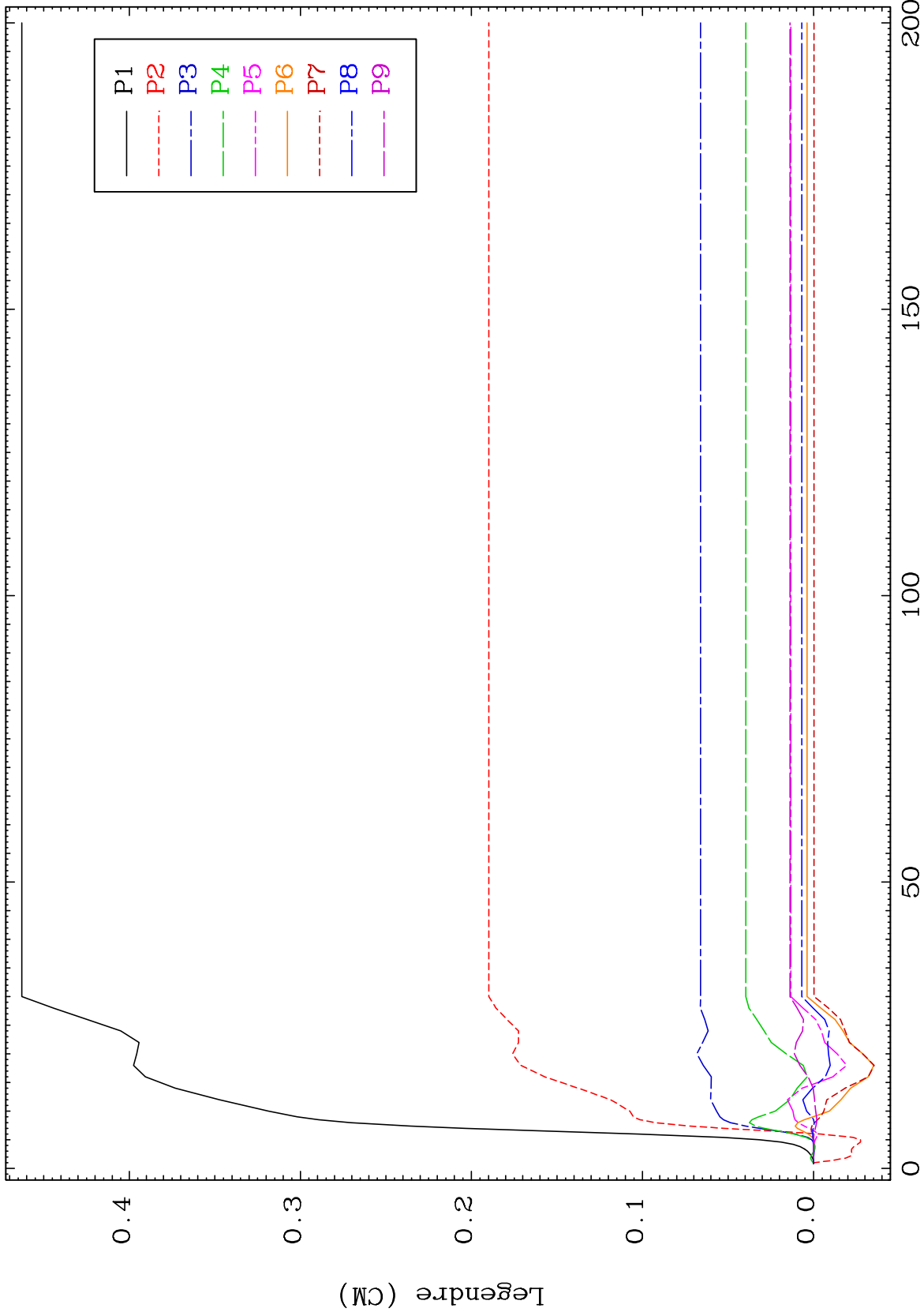
Incident Energy (MeV)

53-I -123

MAT 5313

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

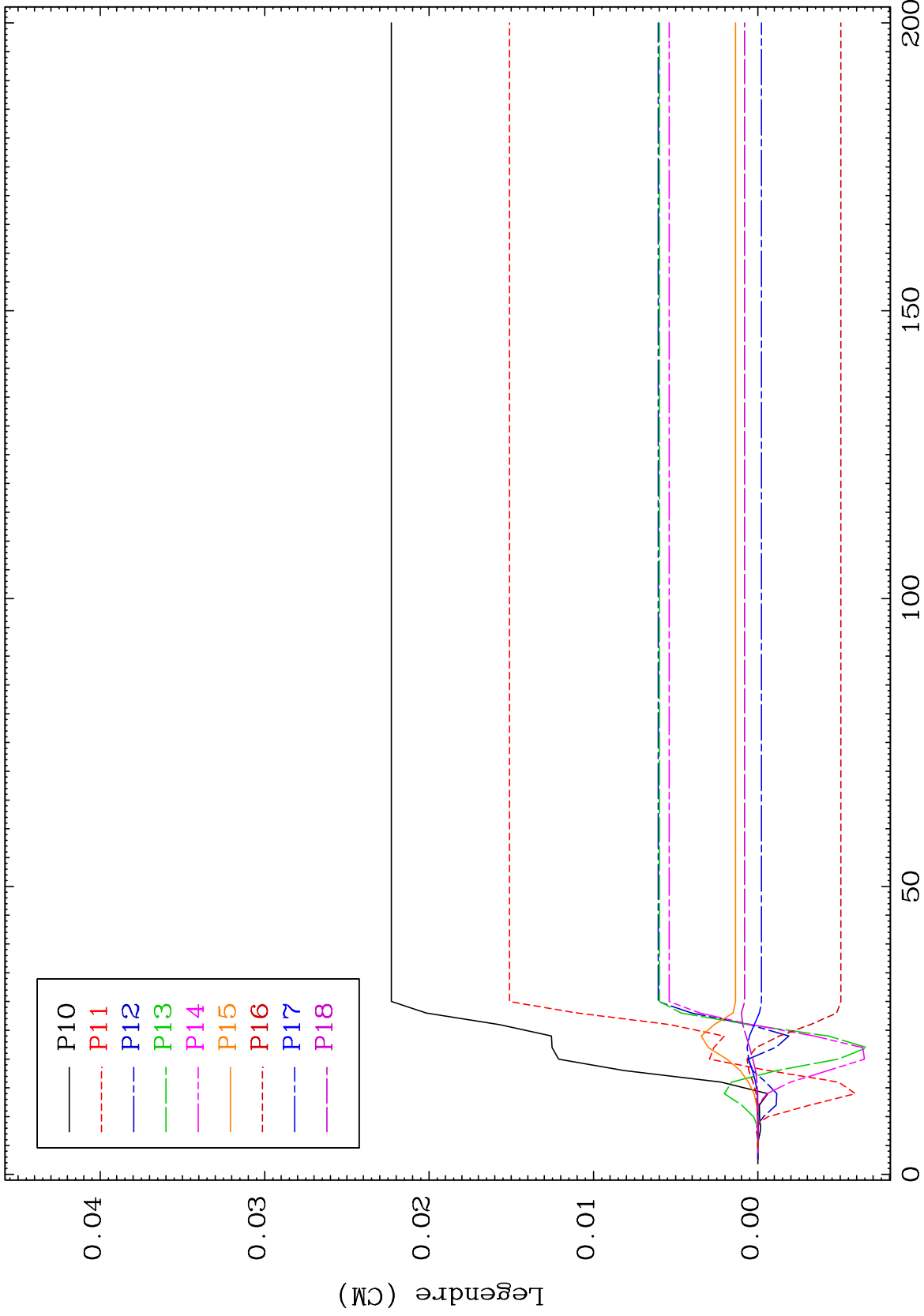
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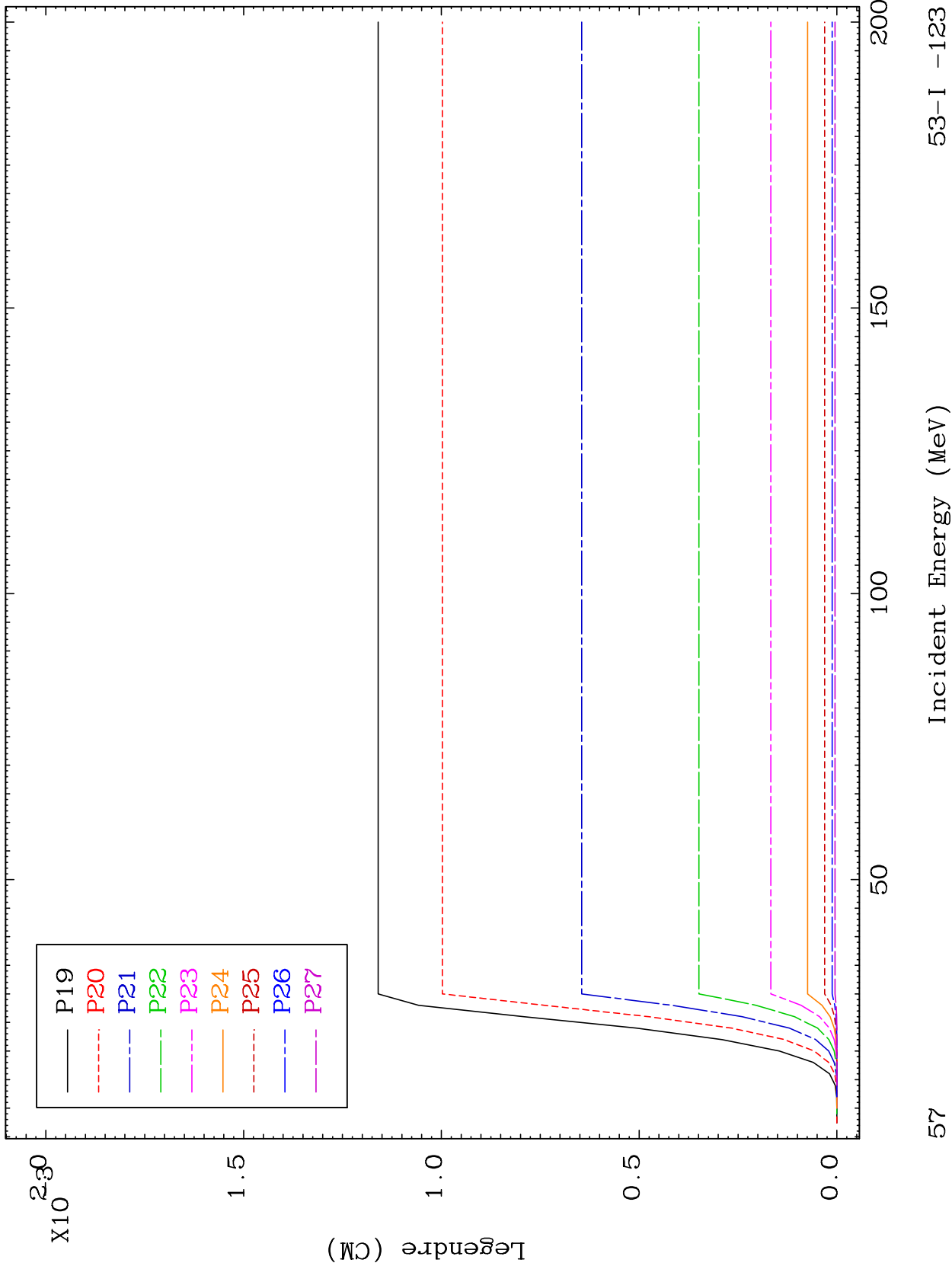


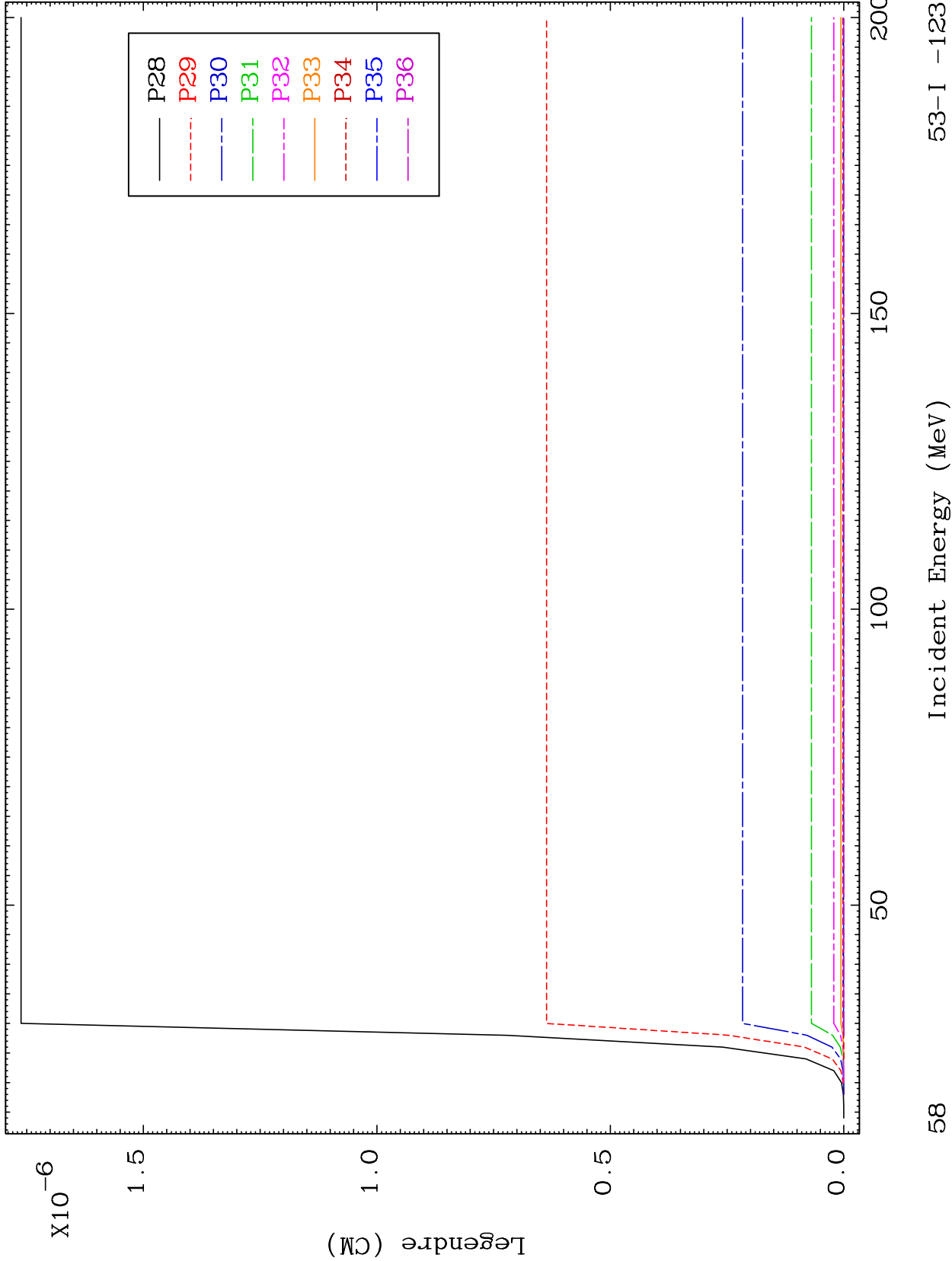
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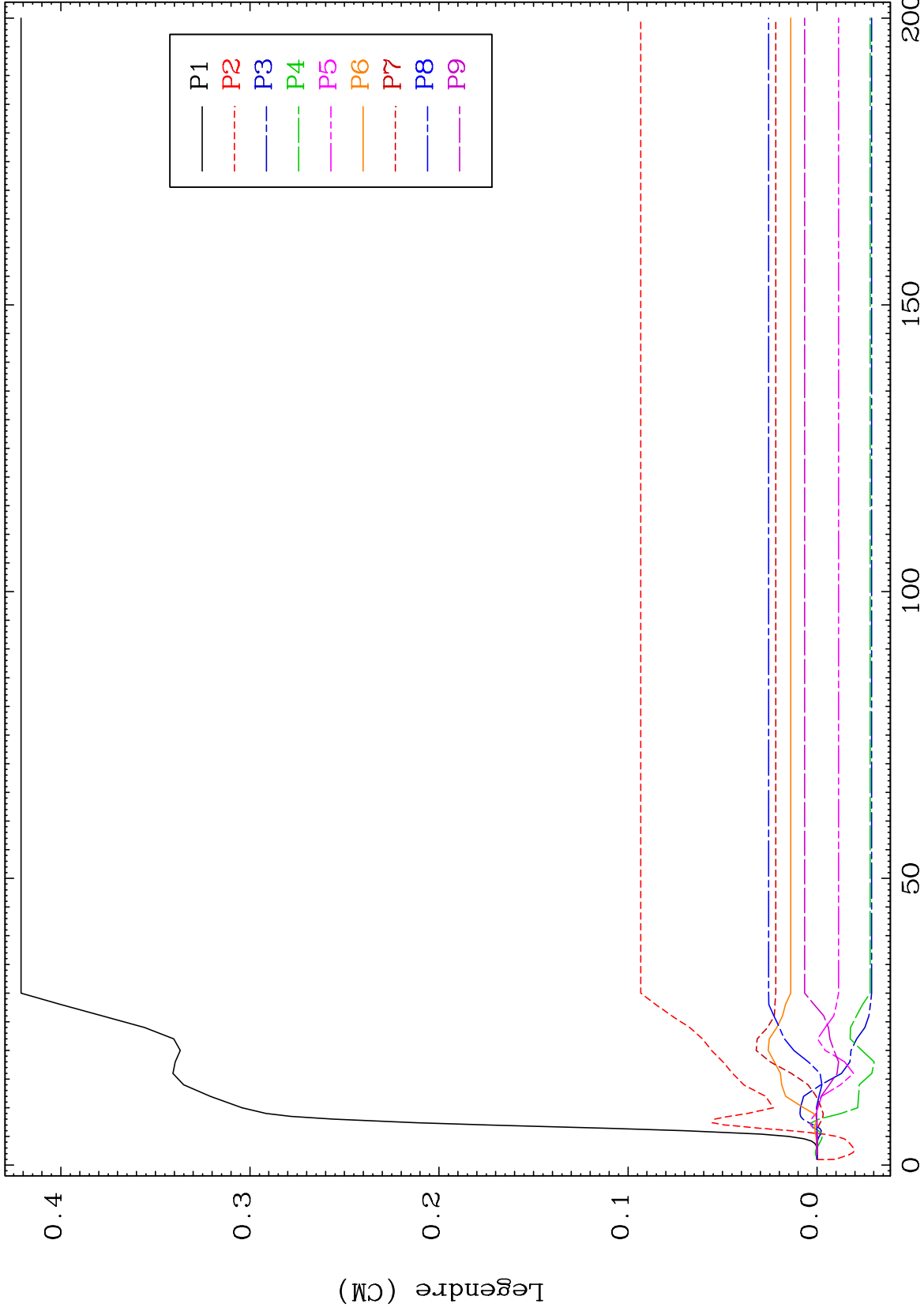
Incident Energy (MeV)

55







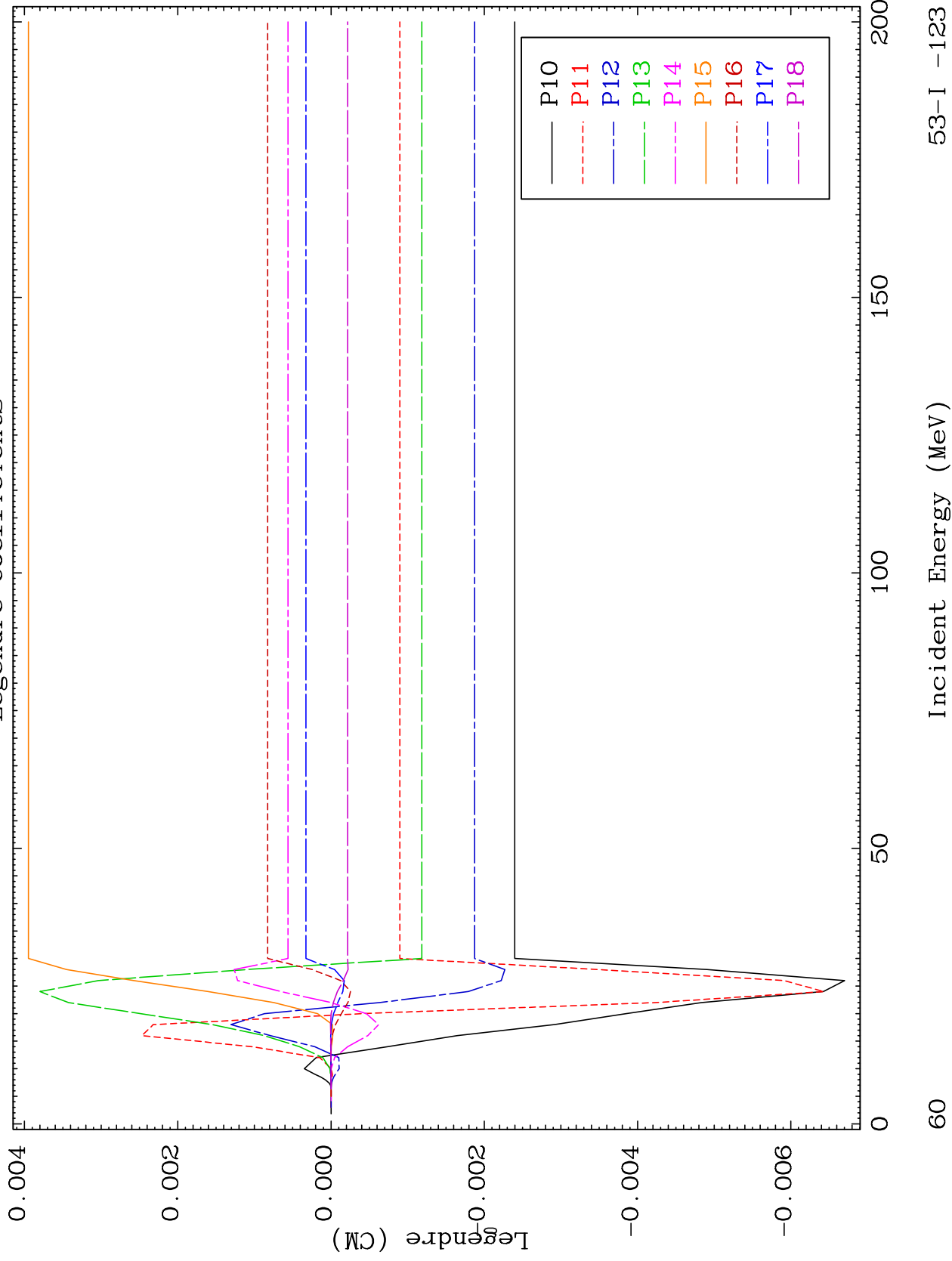


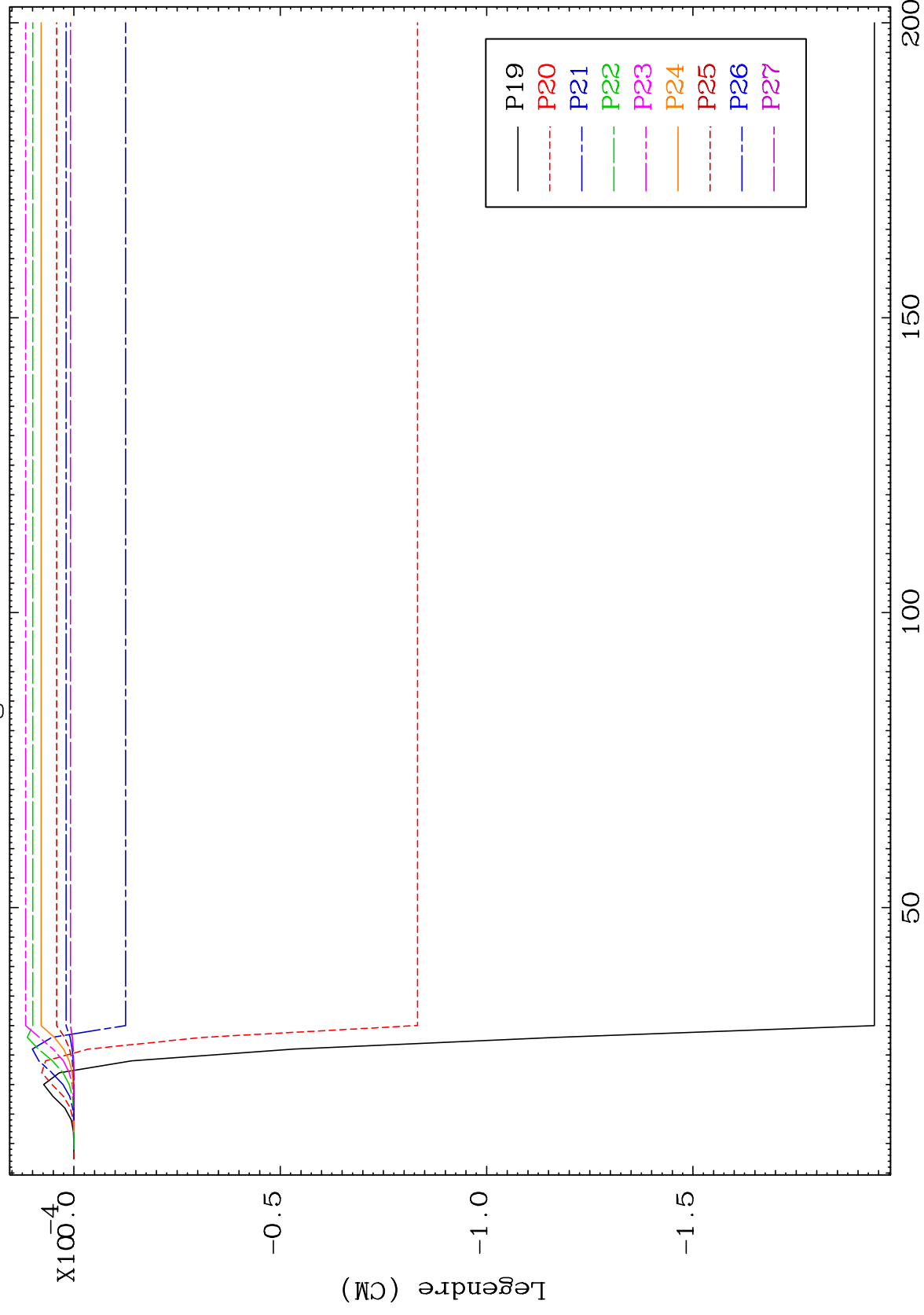
MAT 5313

MT= 62 (n,n') Level

53-I -123

Legendre Coefficients

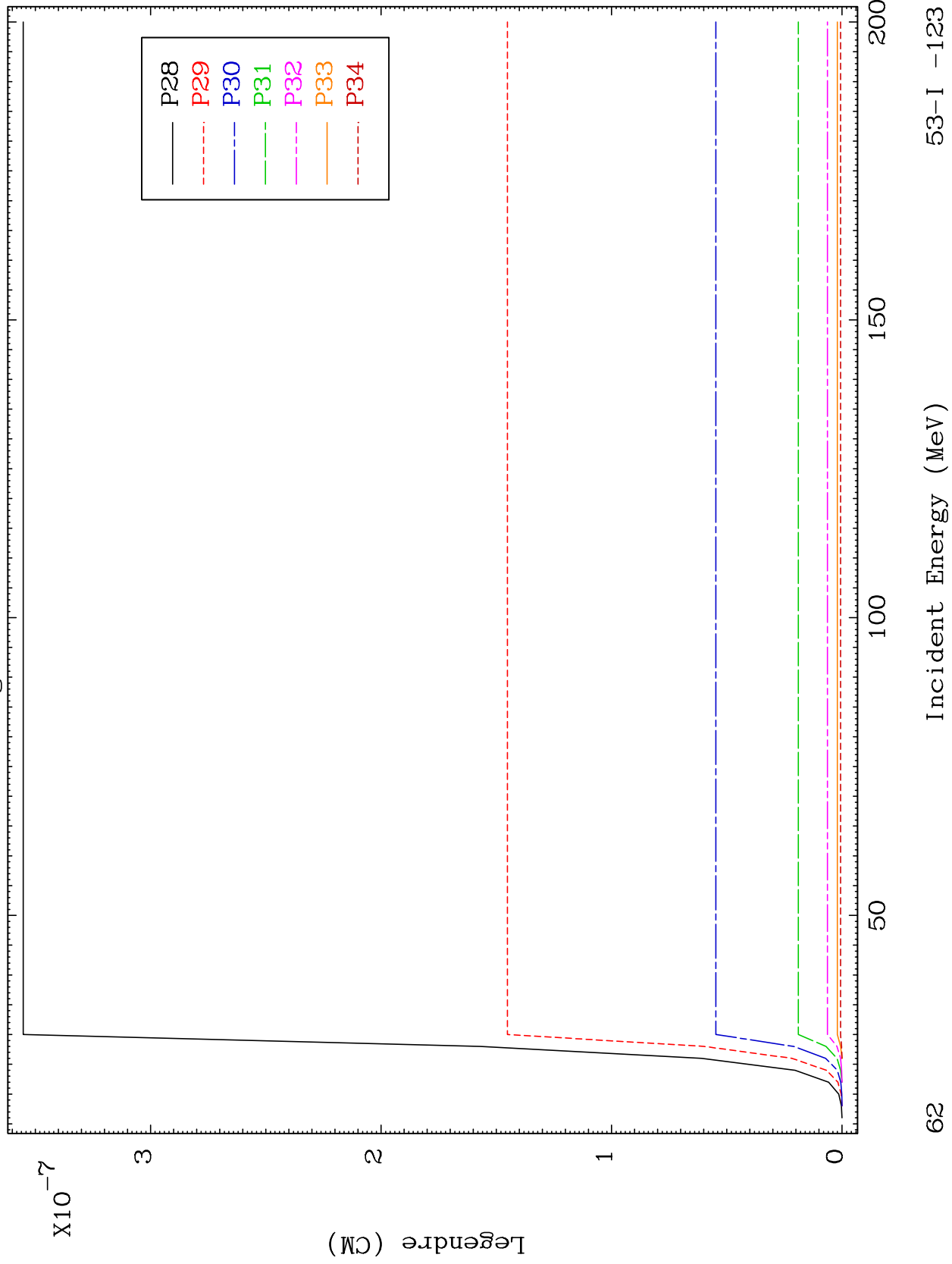




MAT 5313

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

53-I -123



62

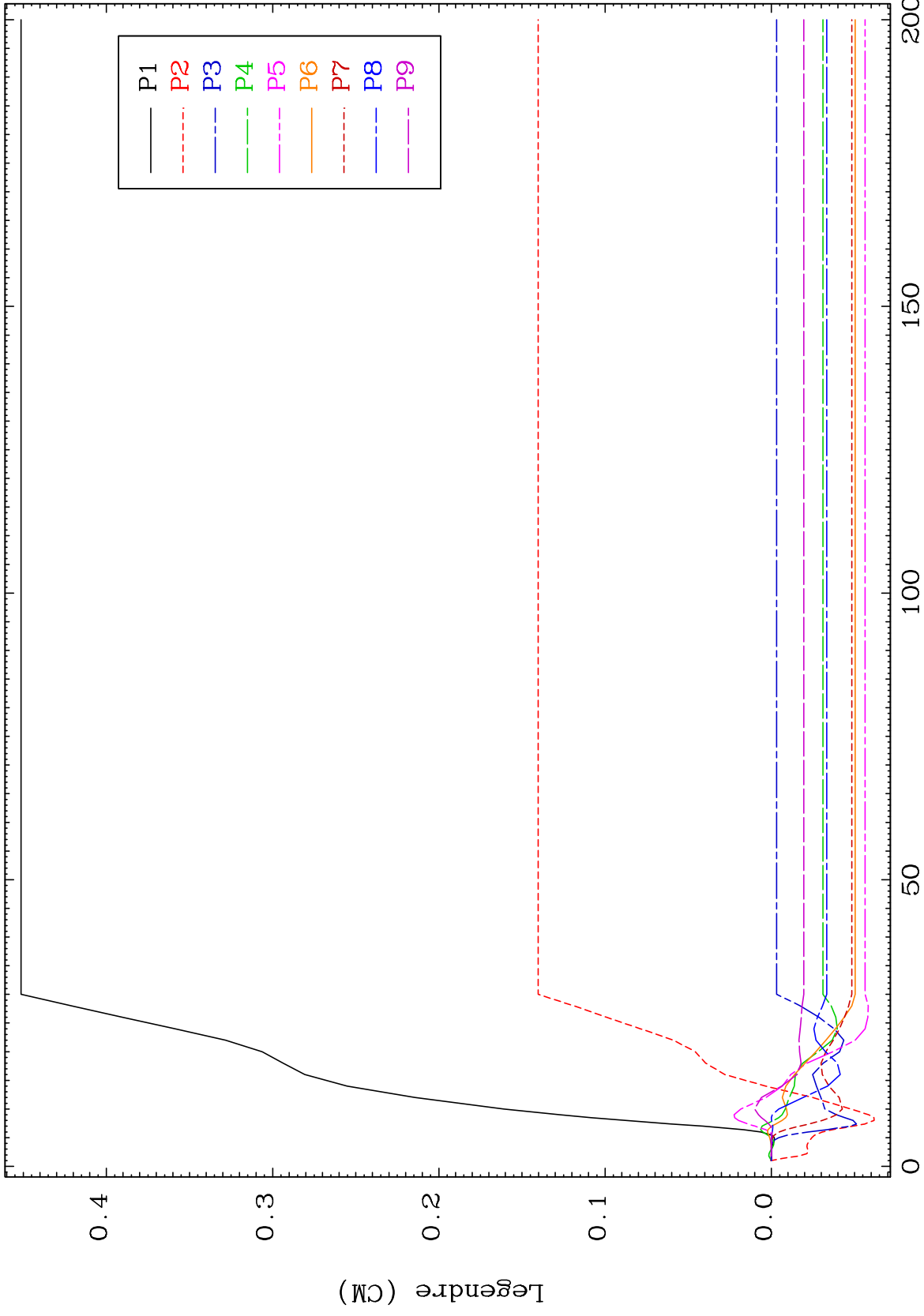
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



63

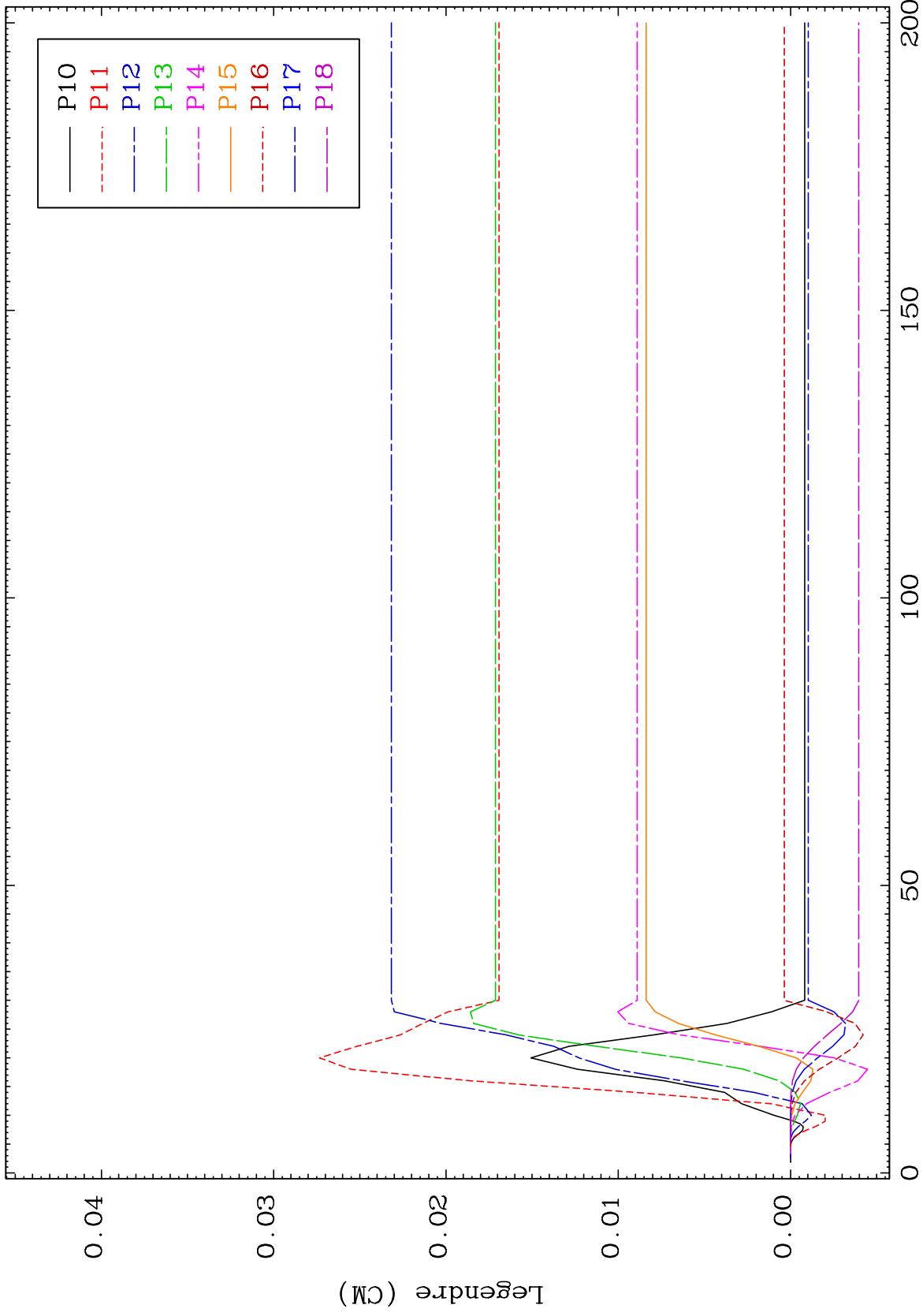
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



64

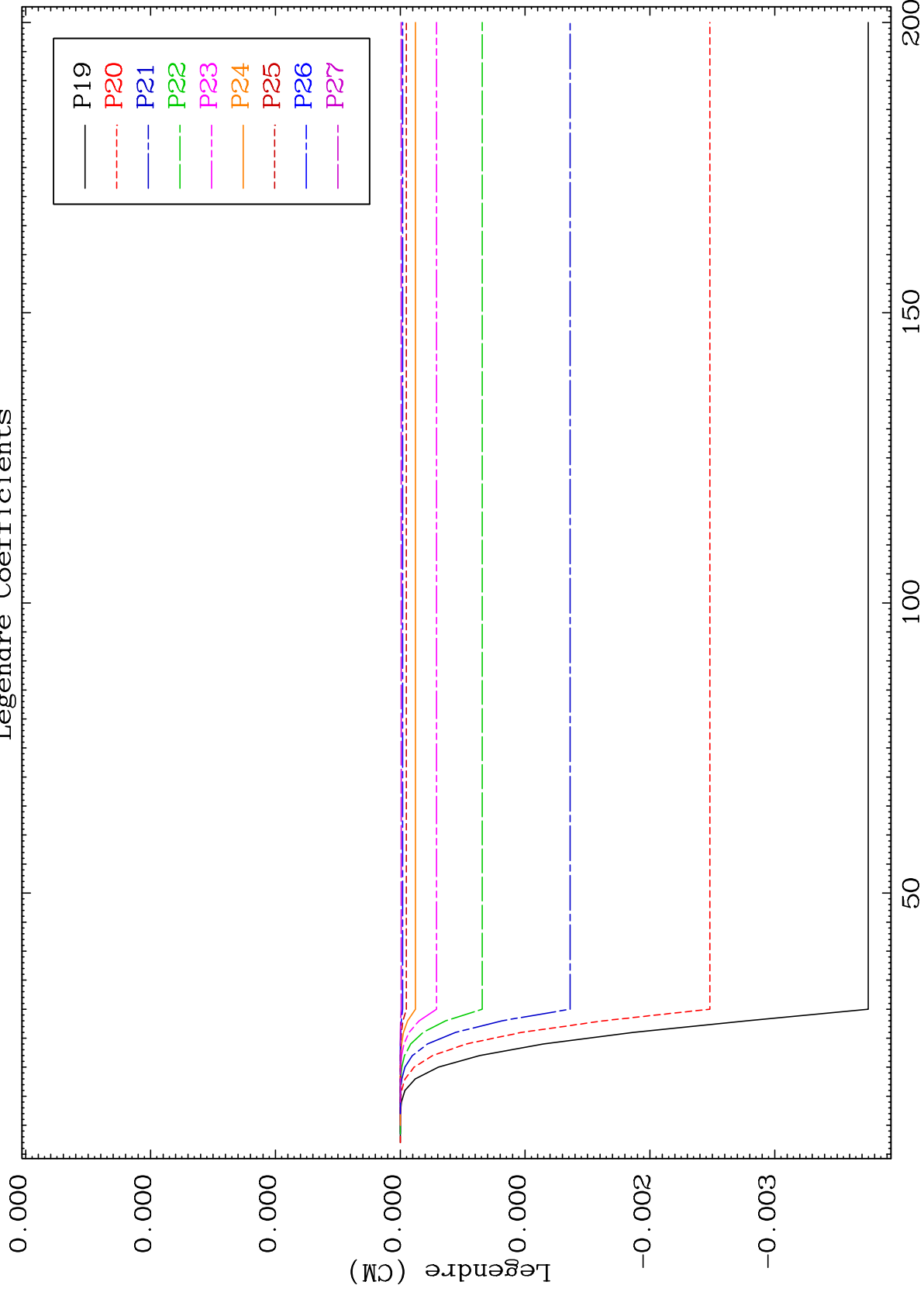
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



65

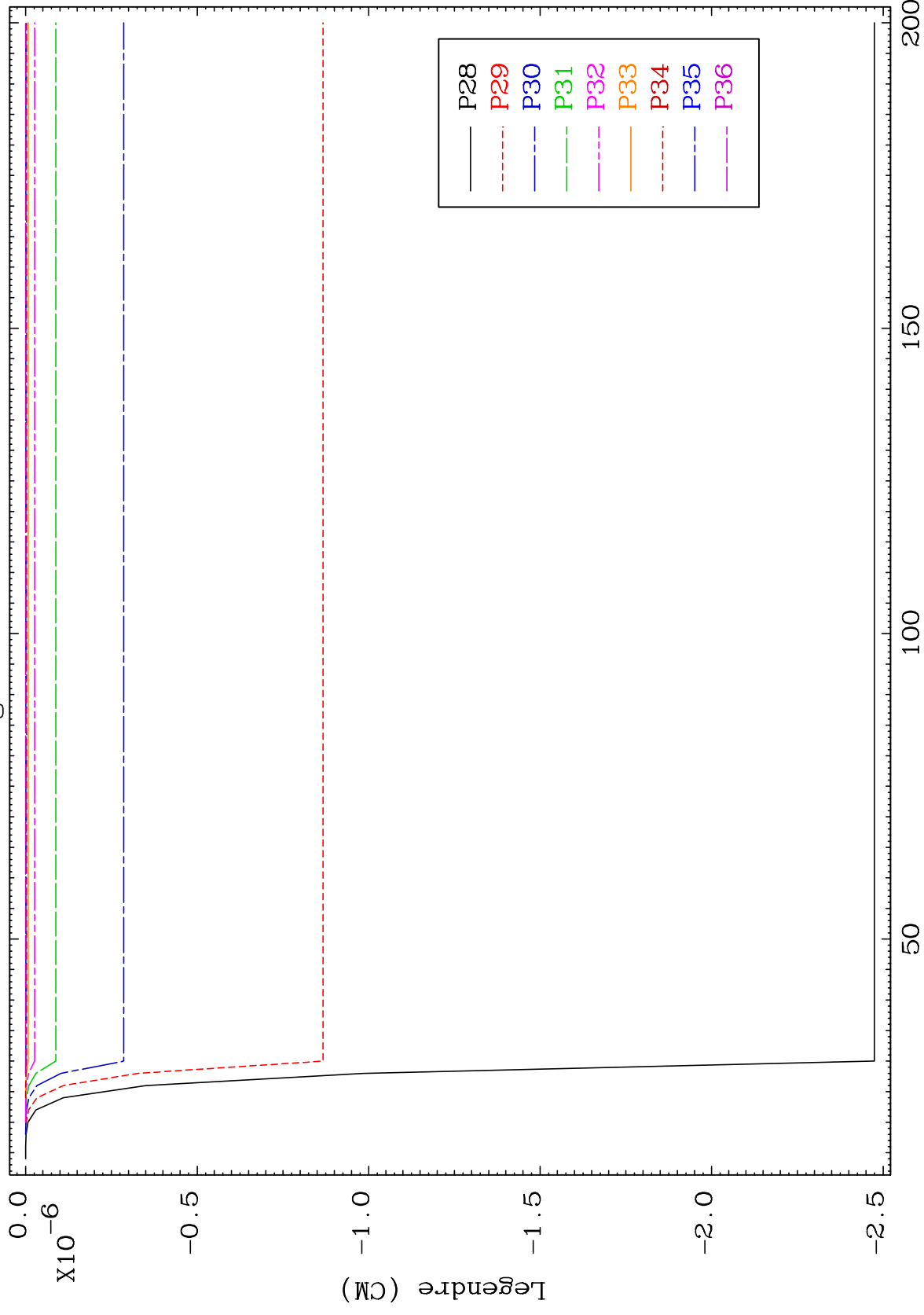
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



66

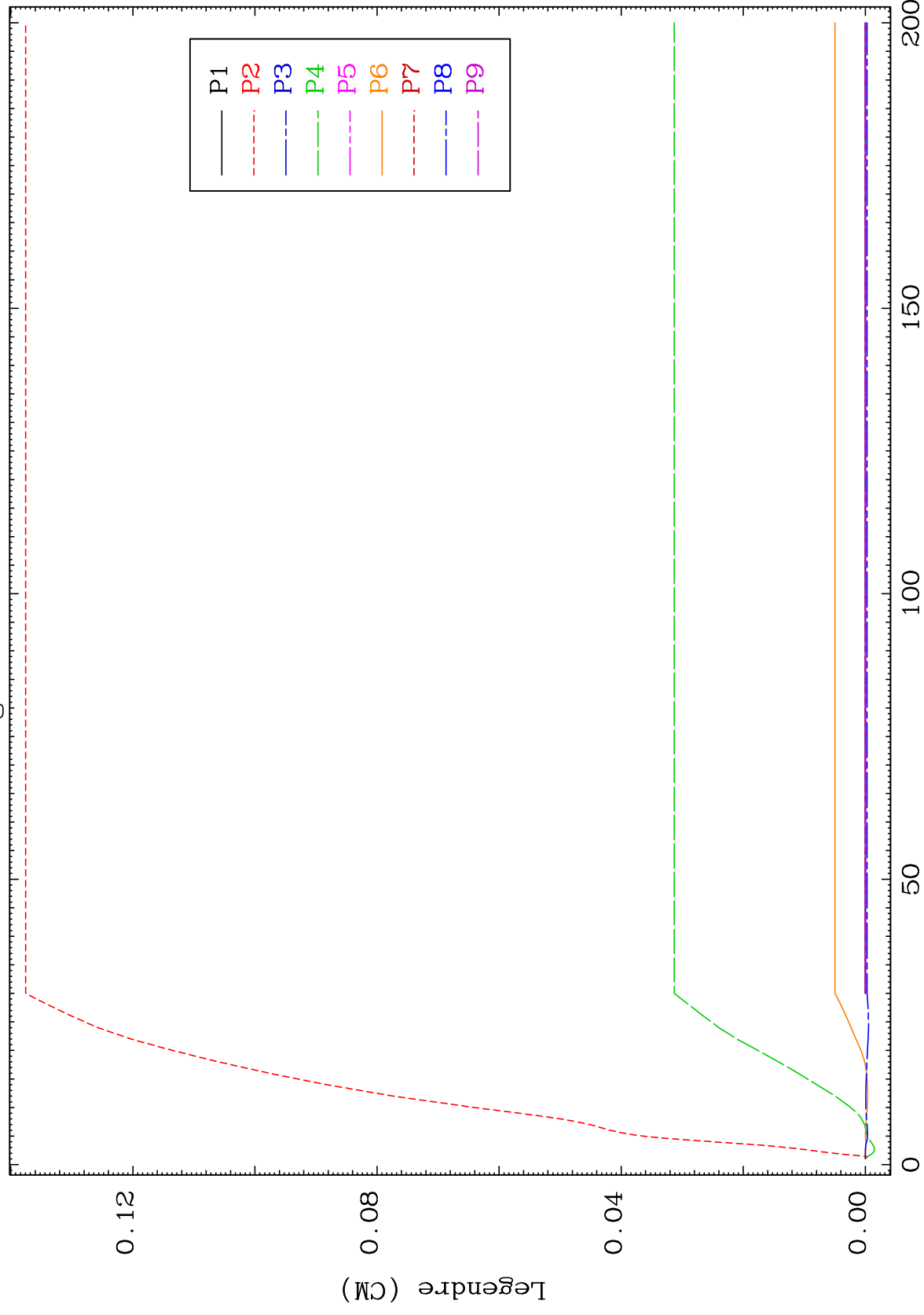
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



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Incident Energy (MeV)

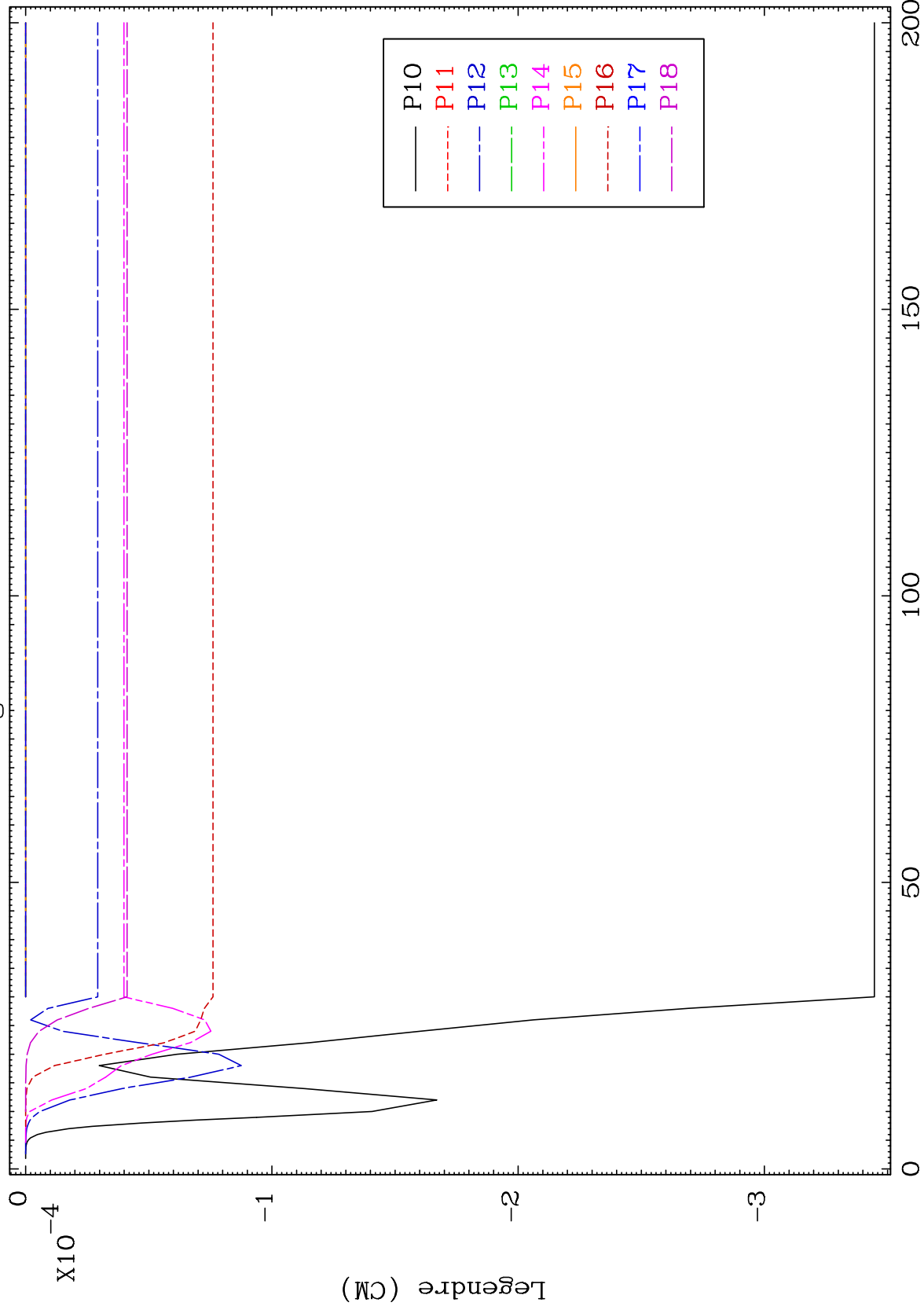
53-I -123

MAT 5313

MT= 64 (n,n') Level

53-I -123

Legendre Coefficients



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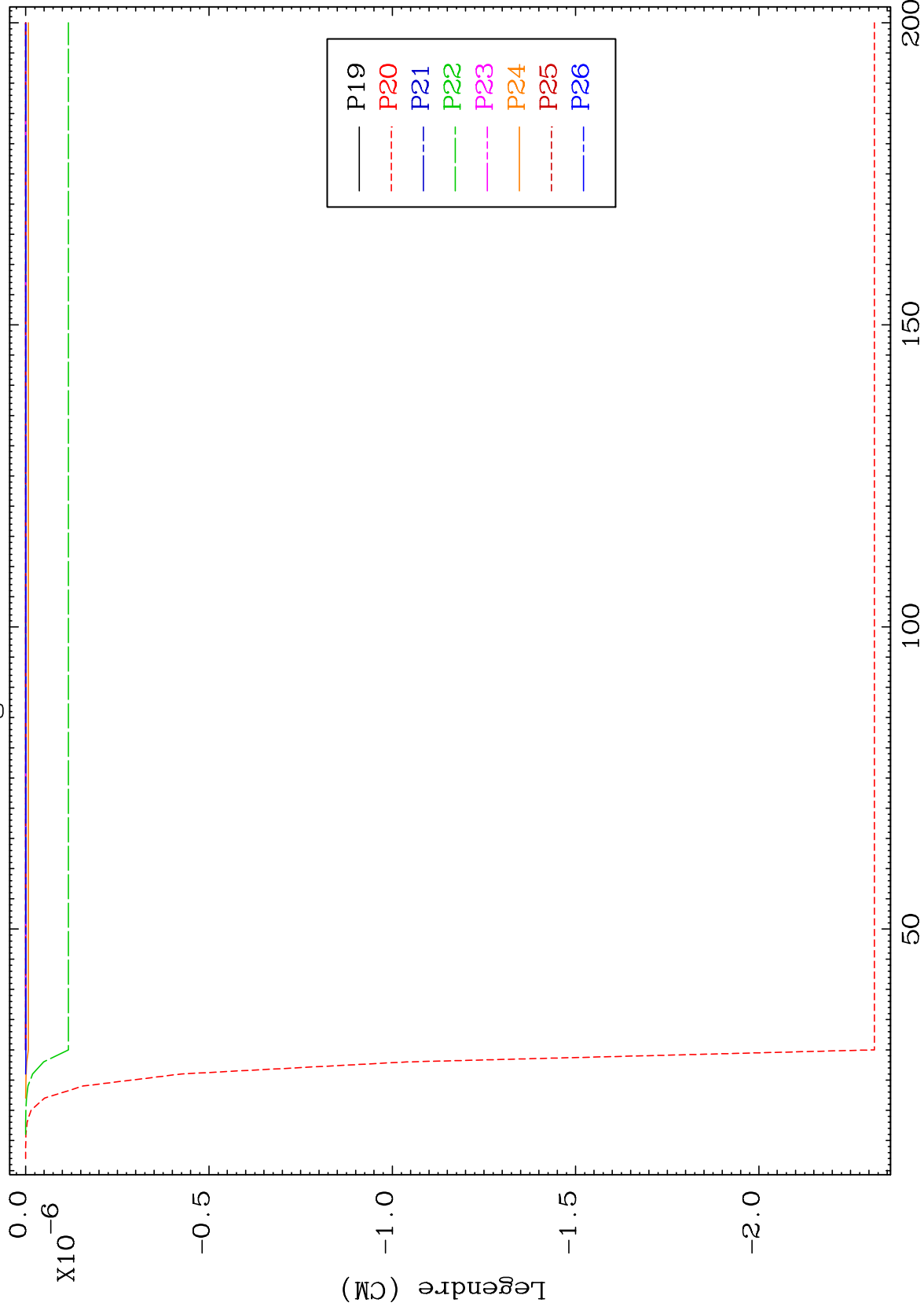
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



69

Incident Energy (MeV)

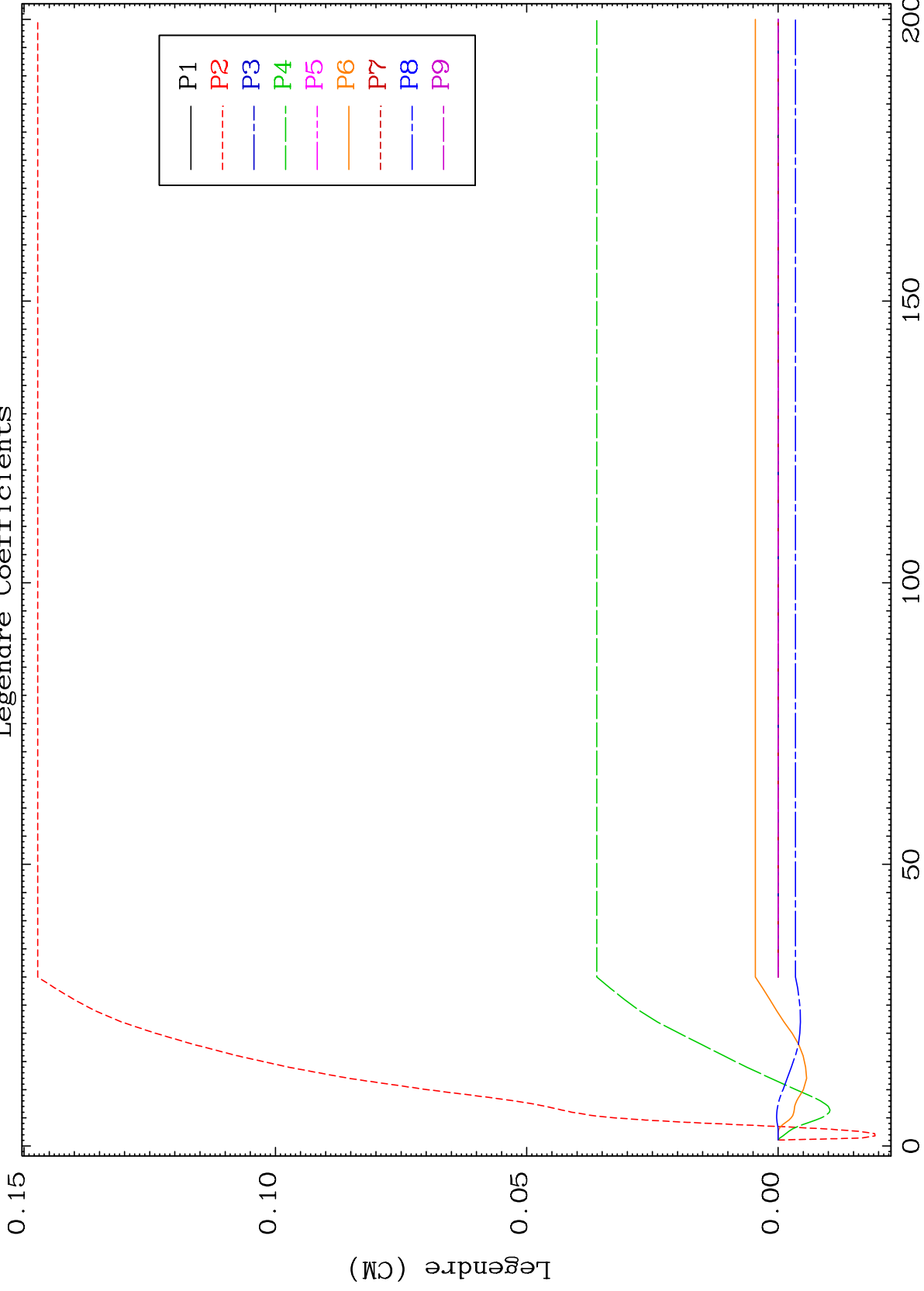
53-I -123

MAT 5313

MT= 65 (n,n') Level

53-I -123

Legendre Coefficients



70

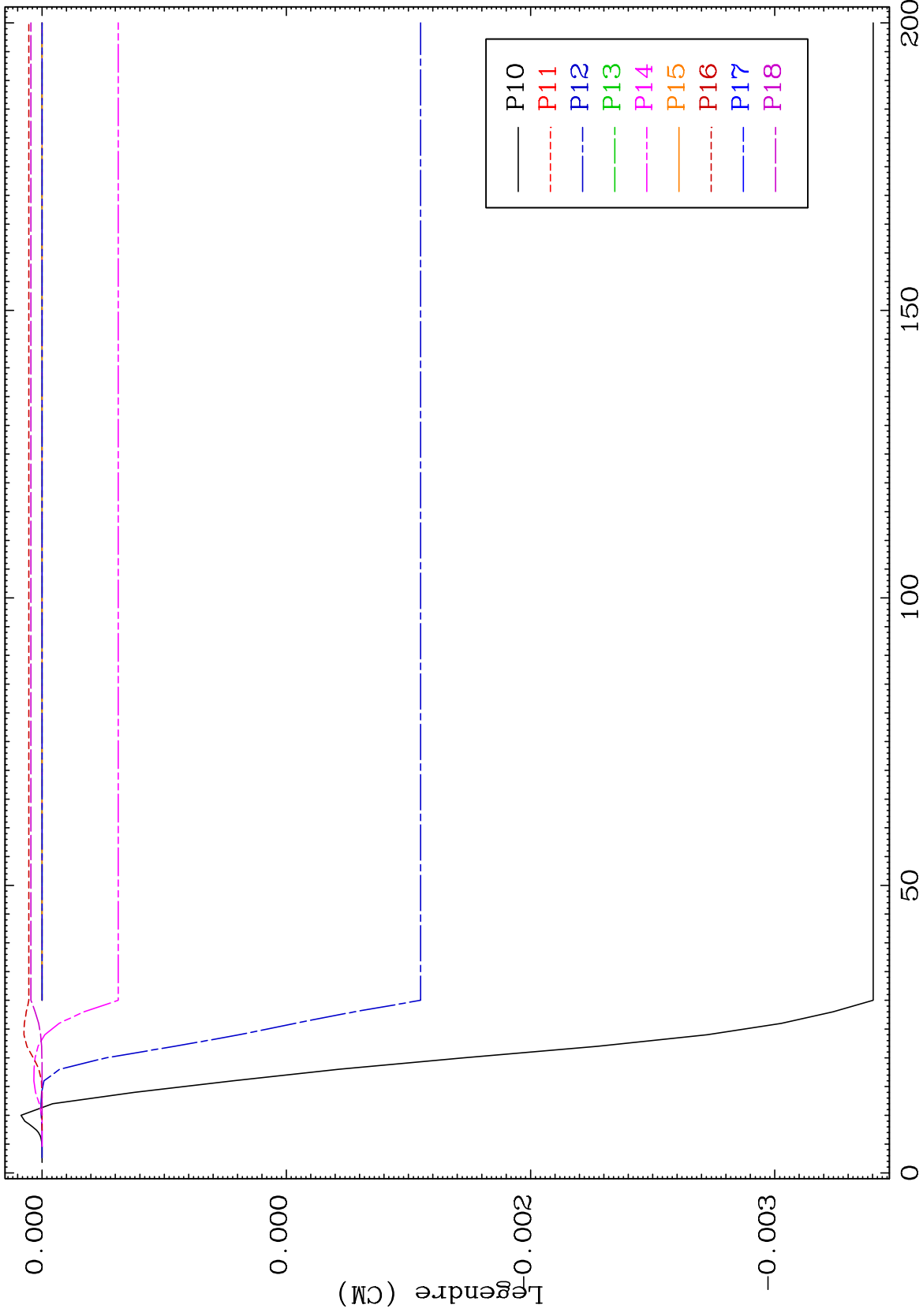
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



71

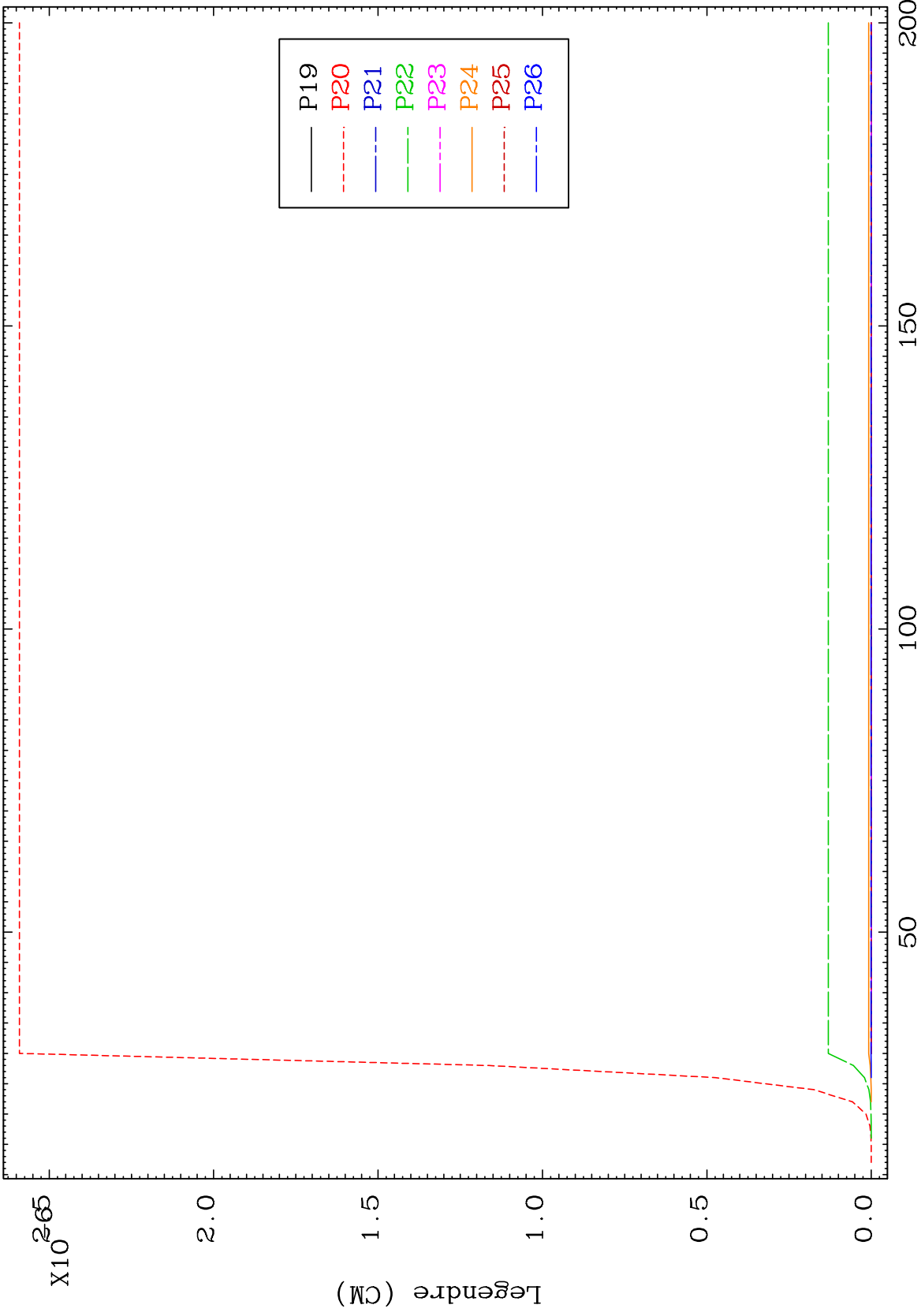
Incident Energy (MeV)

53-I -123

MAT 5313

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

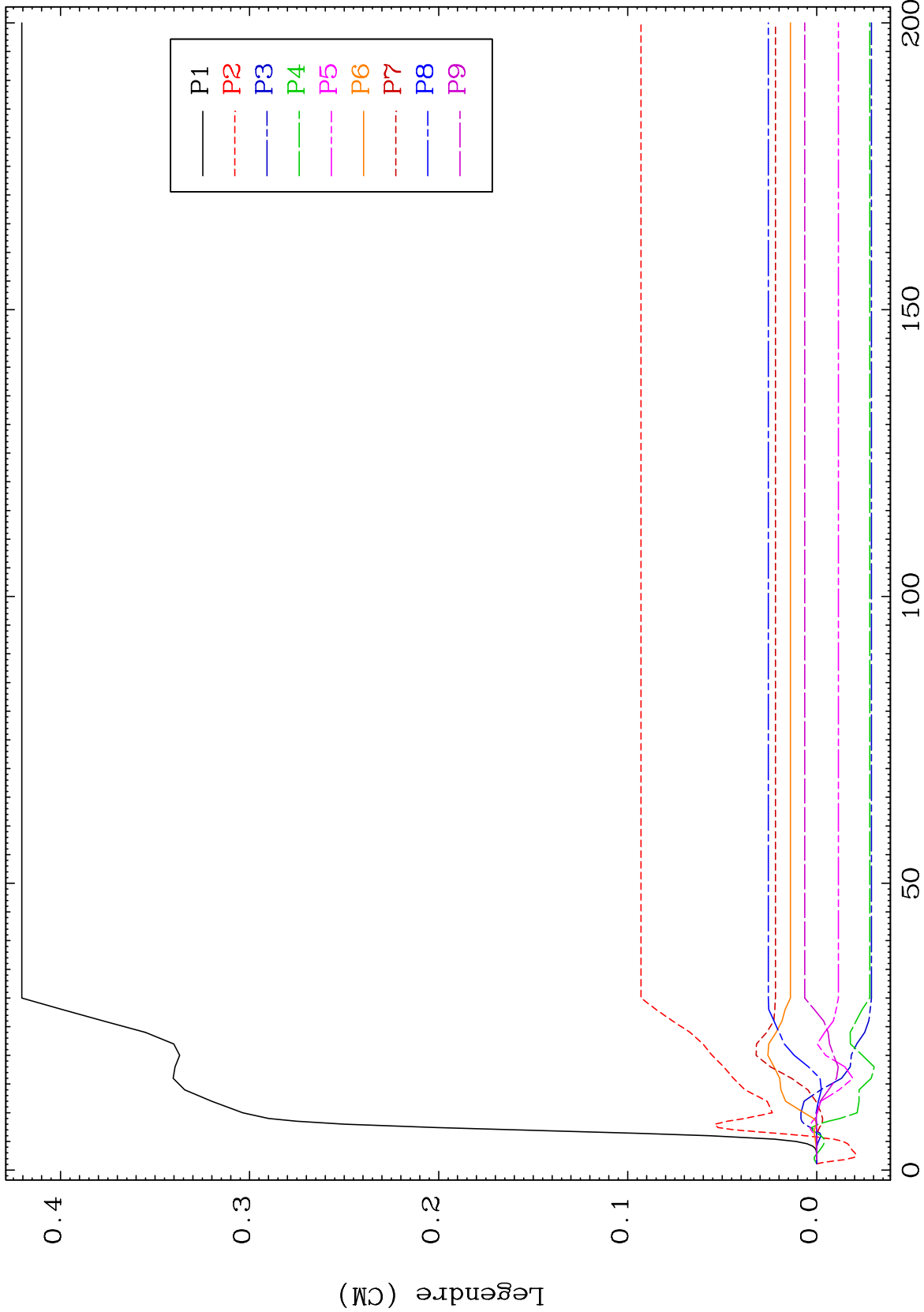
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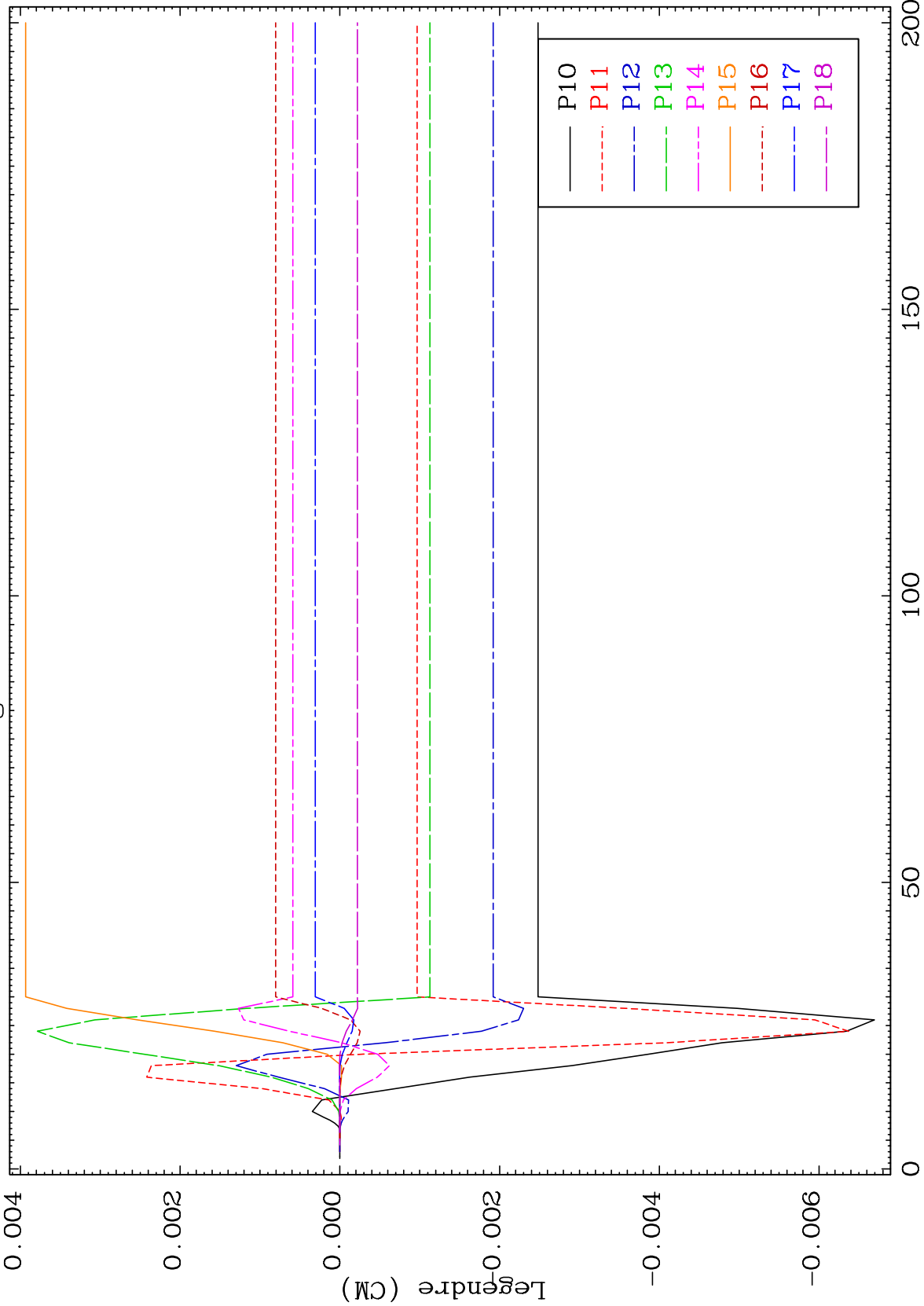


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Incident Energy (MeV)

53-I -123

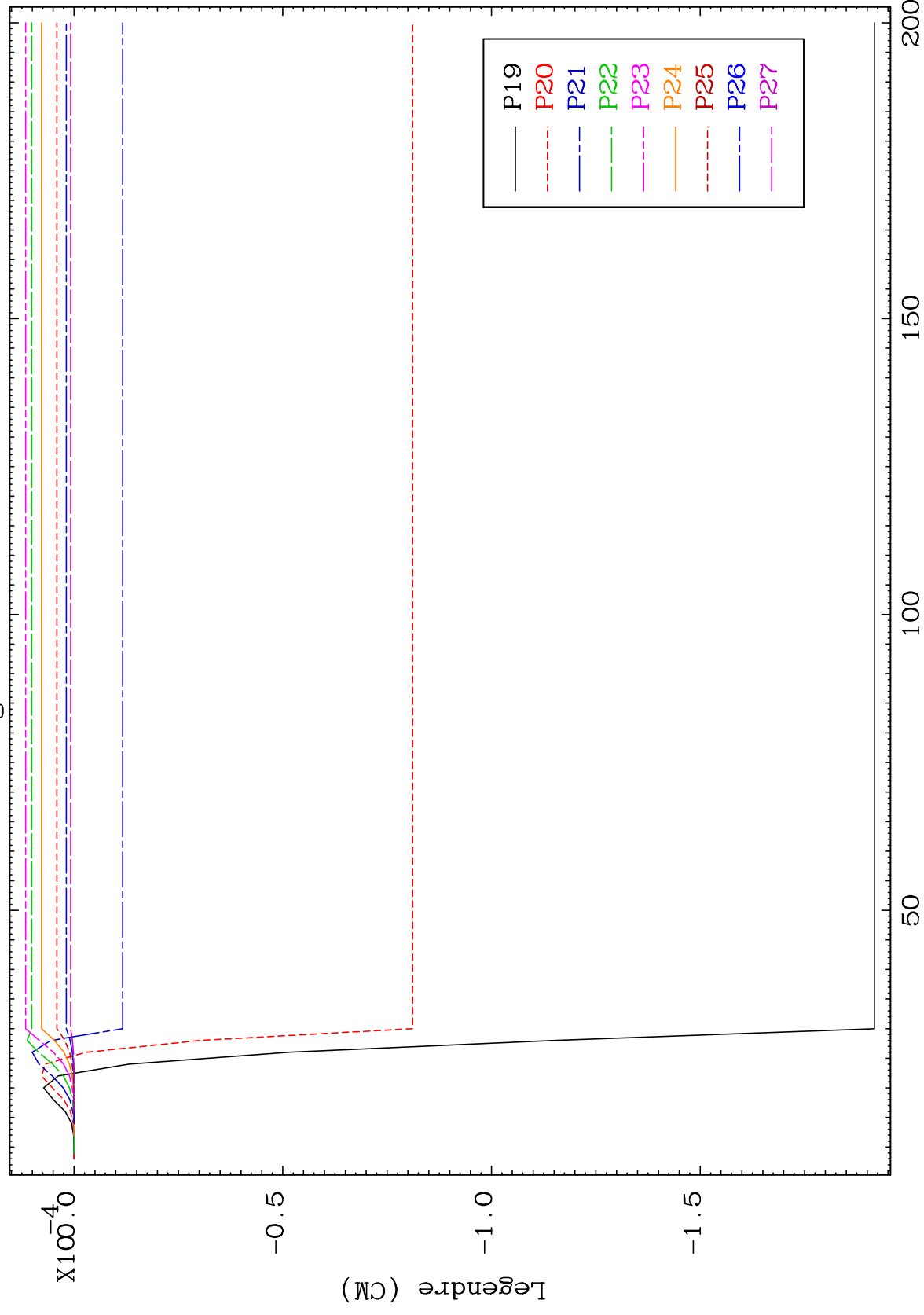




MAT 5313

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

53-I -123



75

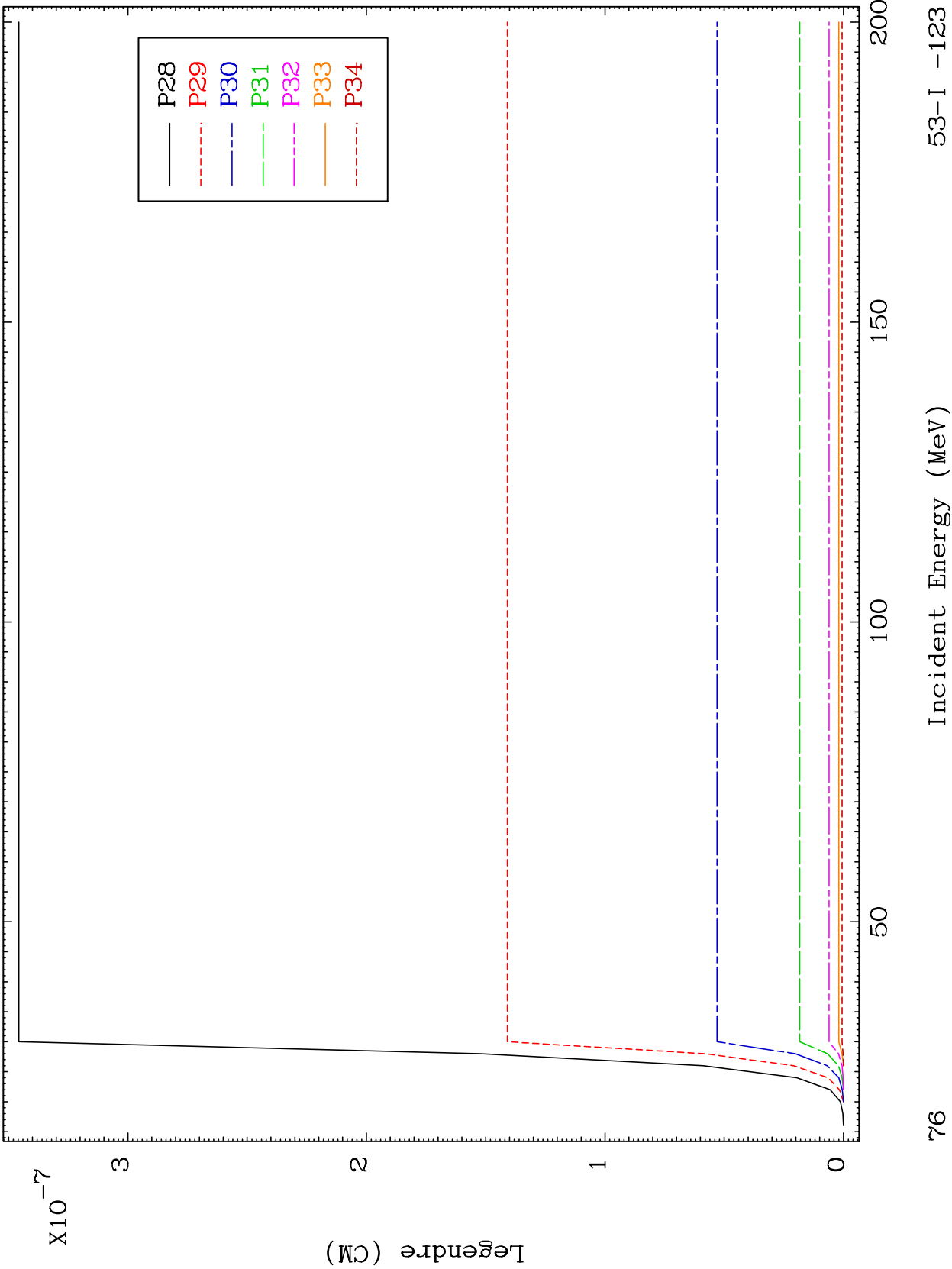
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123

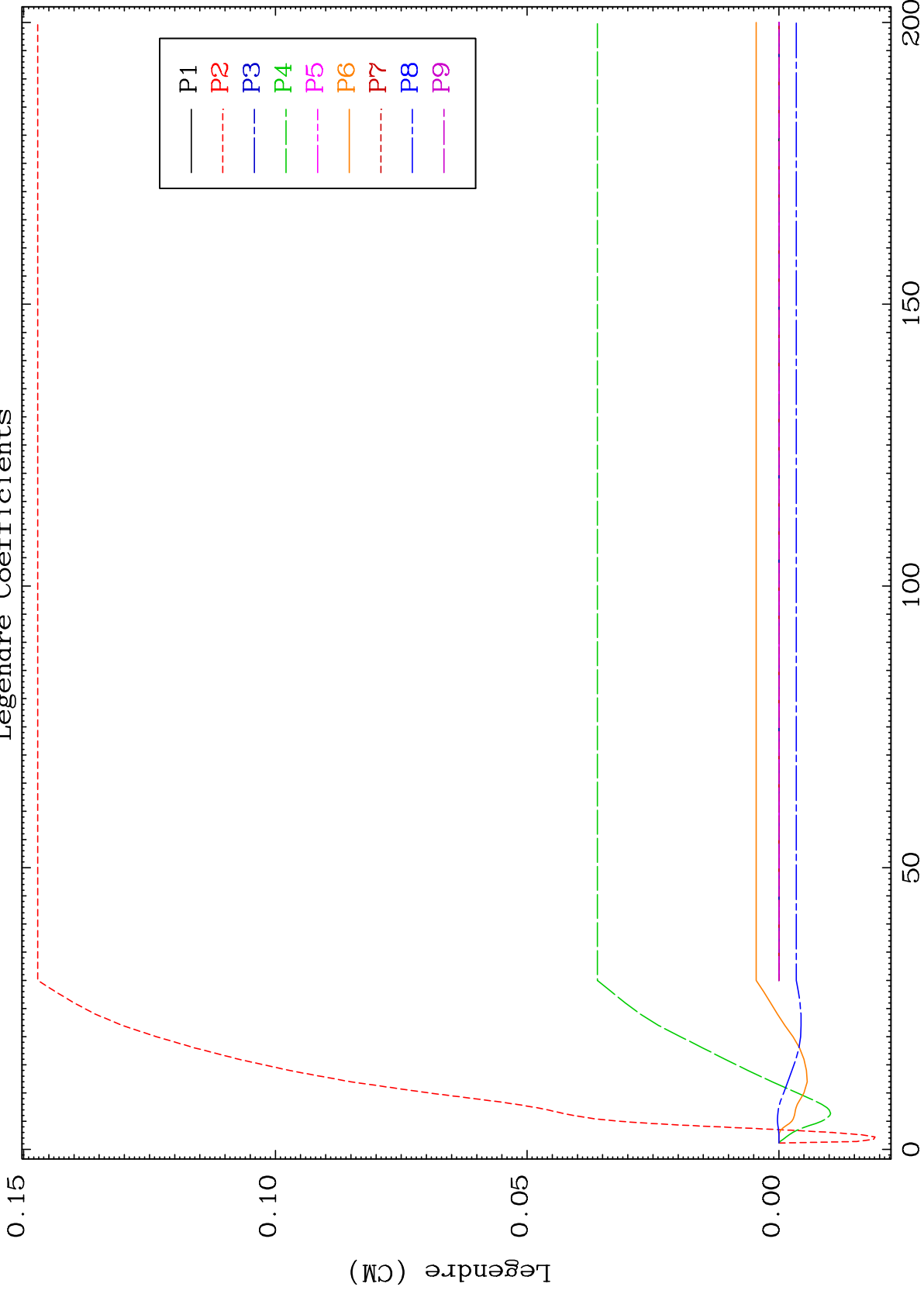


MAT 5313

MT= 67 (n,n') Level

53-I -123

Legendre Coefficients



77

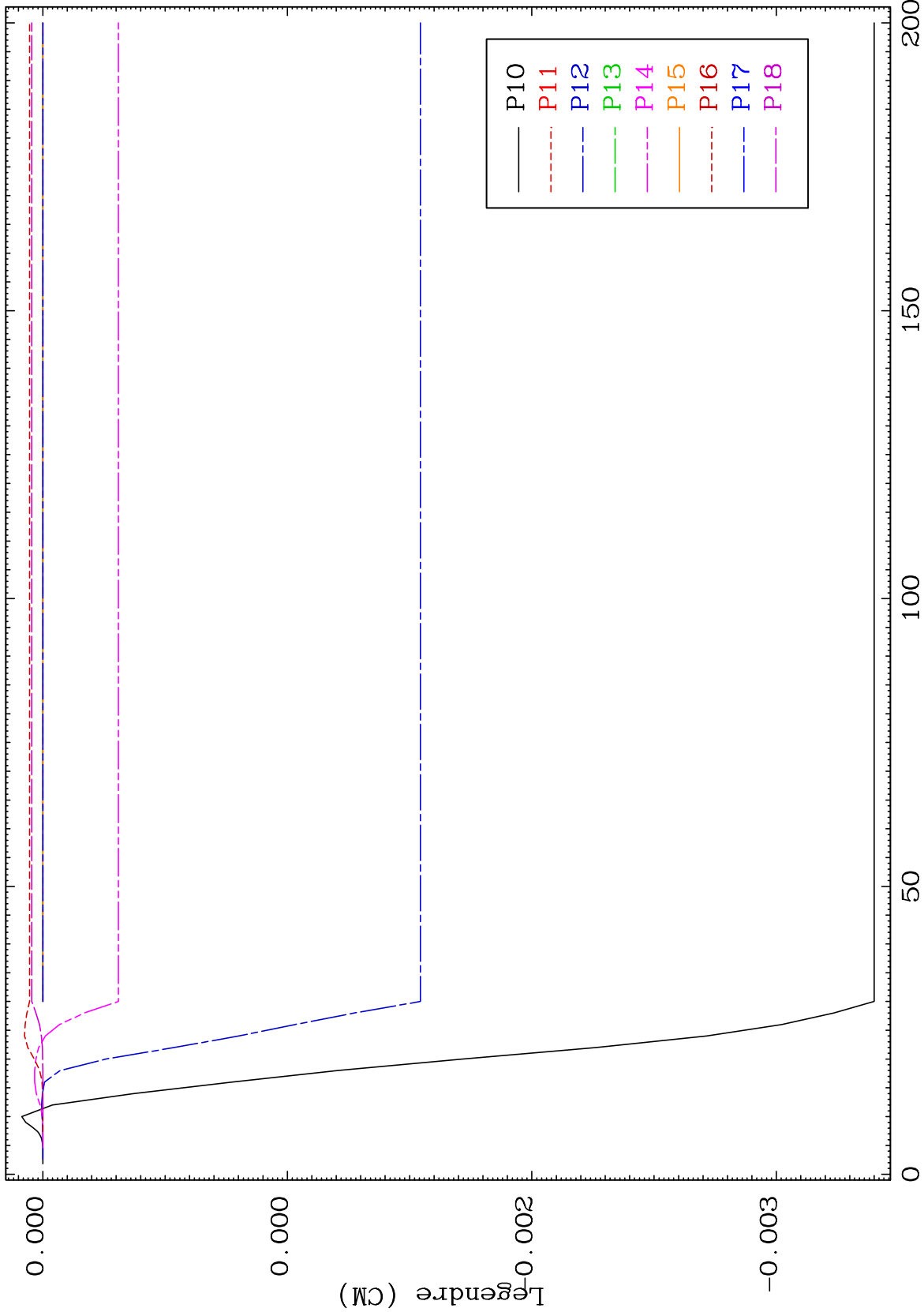
Incident Energy (MeV)

53-I -123

MAT 5313

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

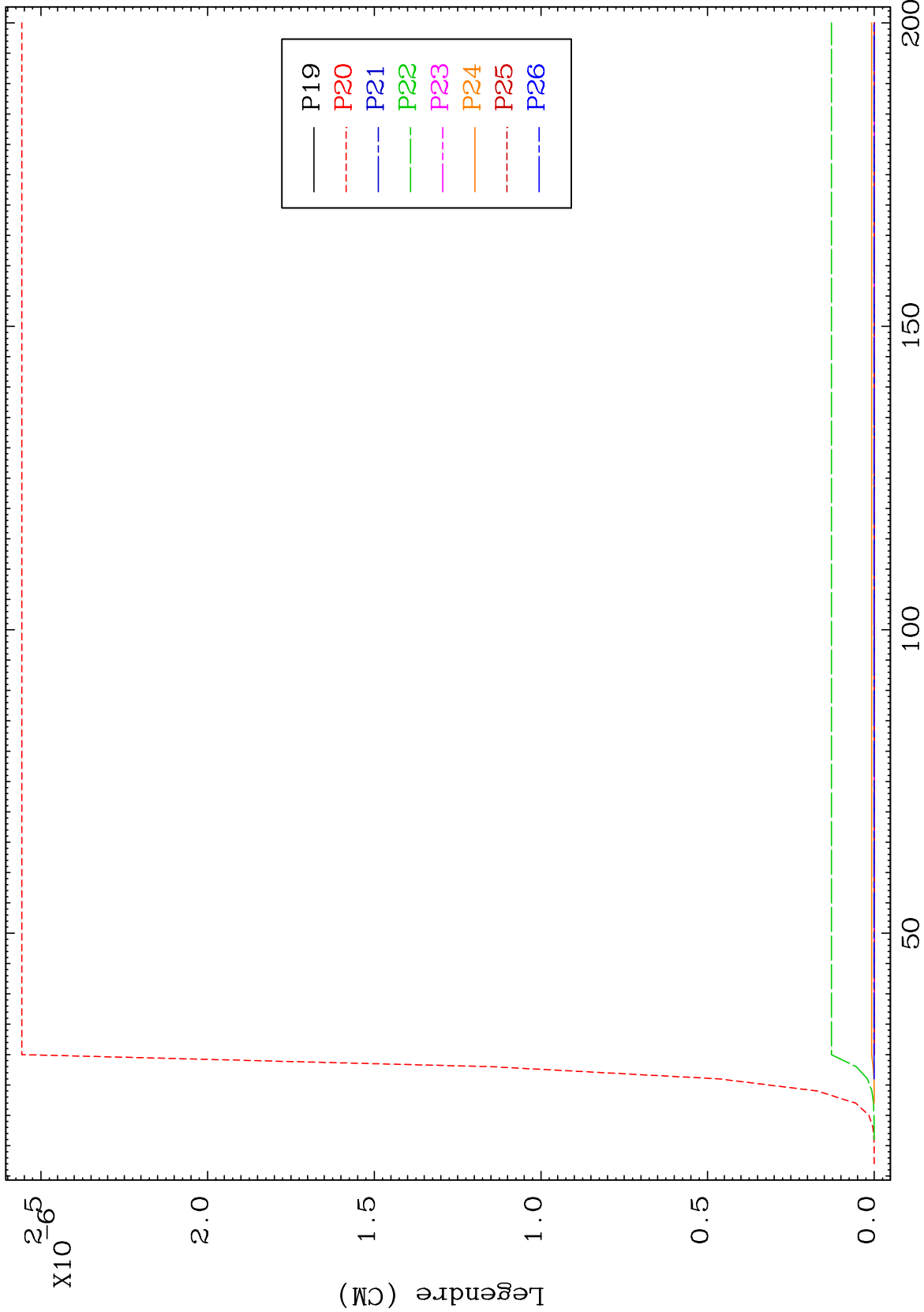
53-I -123



78

Incident Energy (MeV)

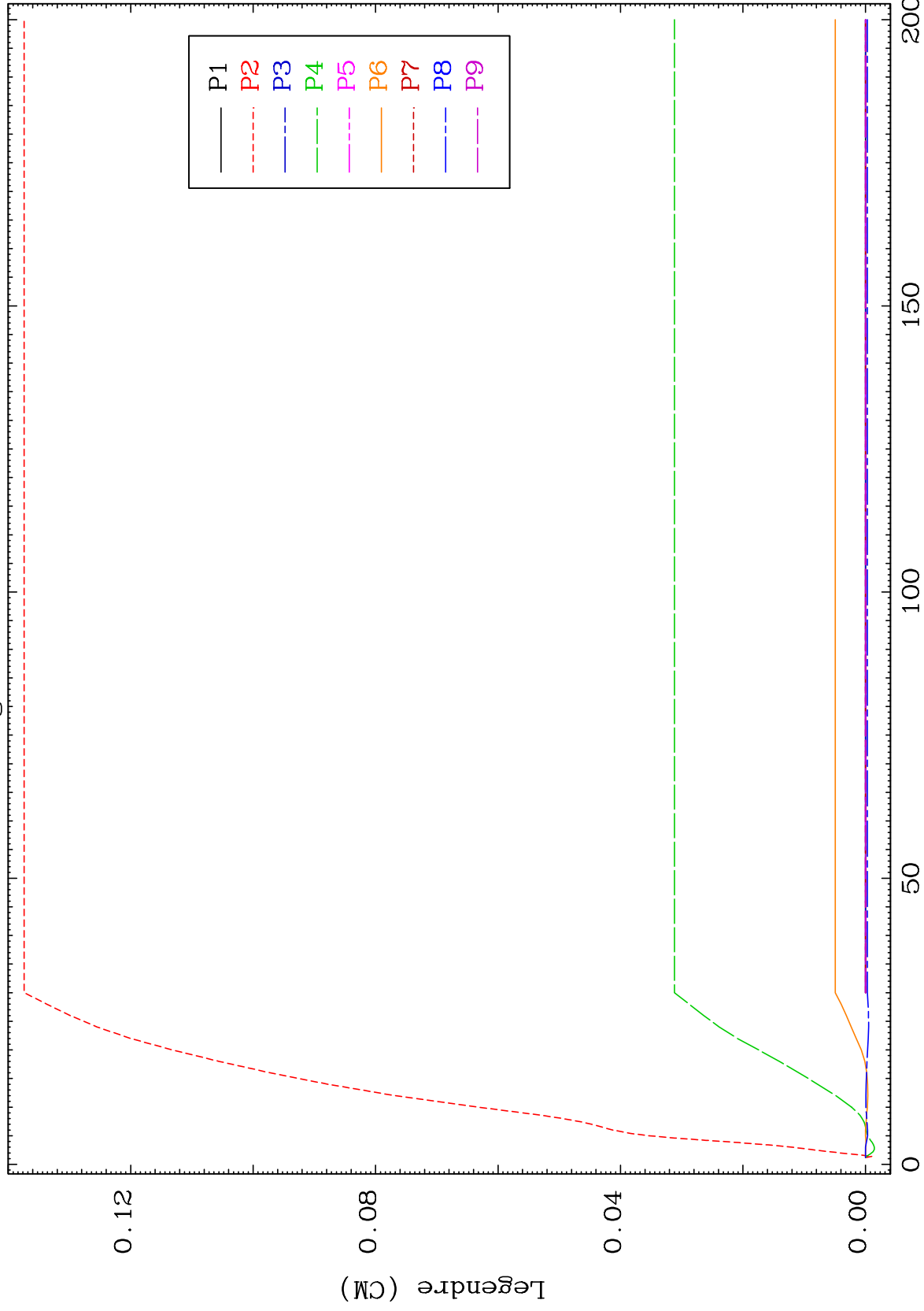
53-I -123



MAT 5313

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

53-I -123



53-I -123

Incident Energy (MeV)

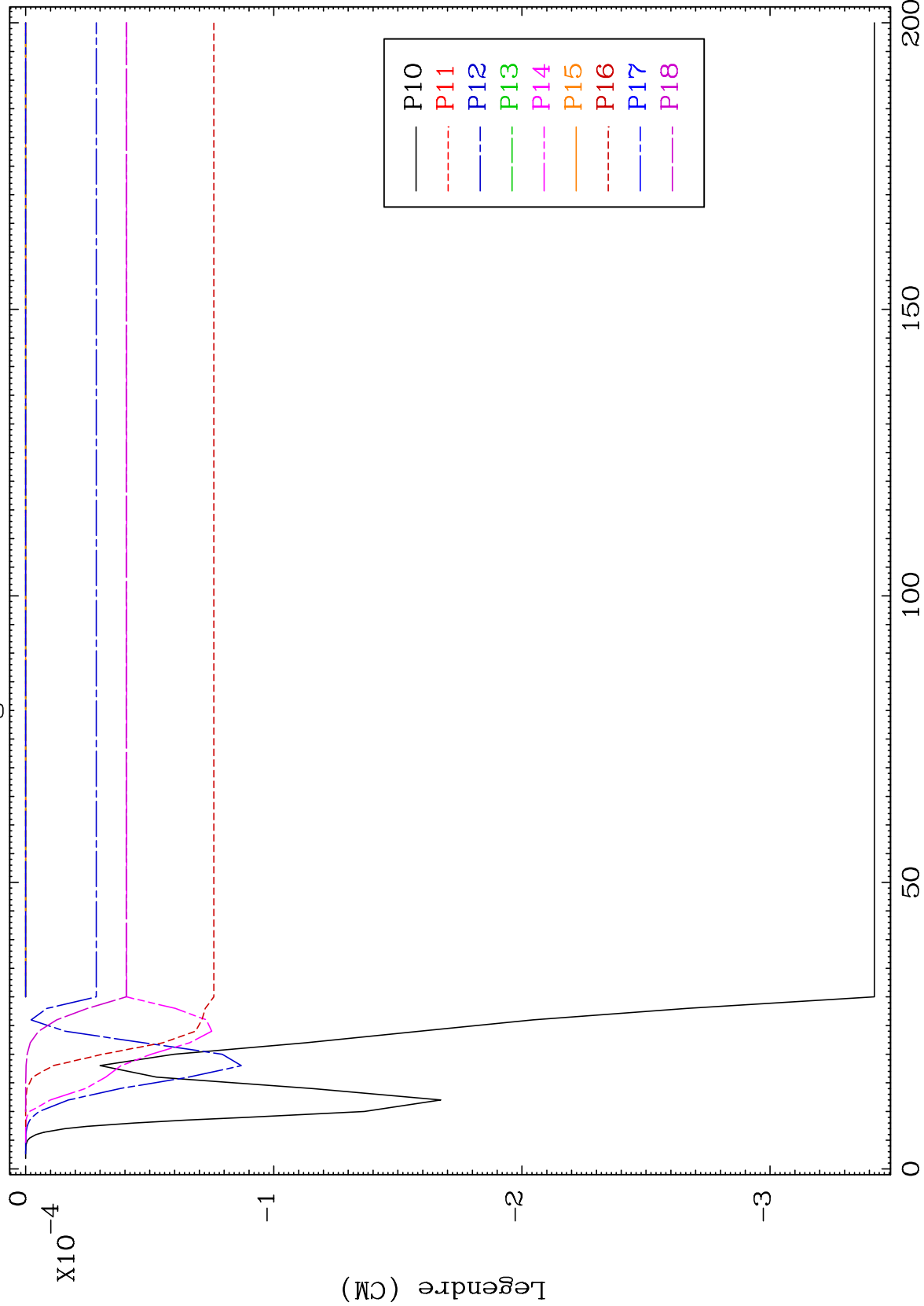
80

MAT 5313

MT= 68 (n,n') Level

53-I -123

Legendre Coefficients



81

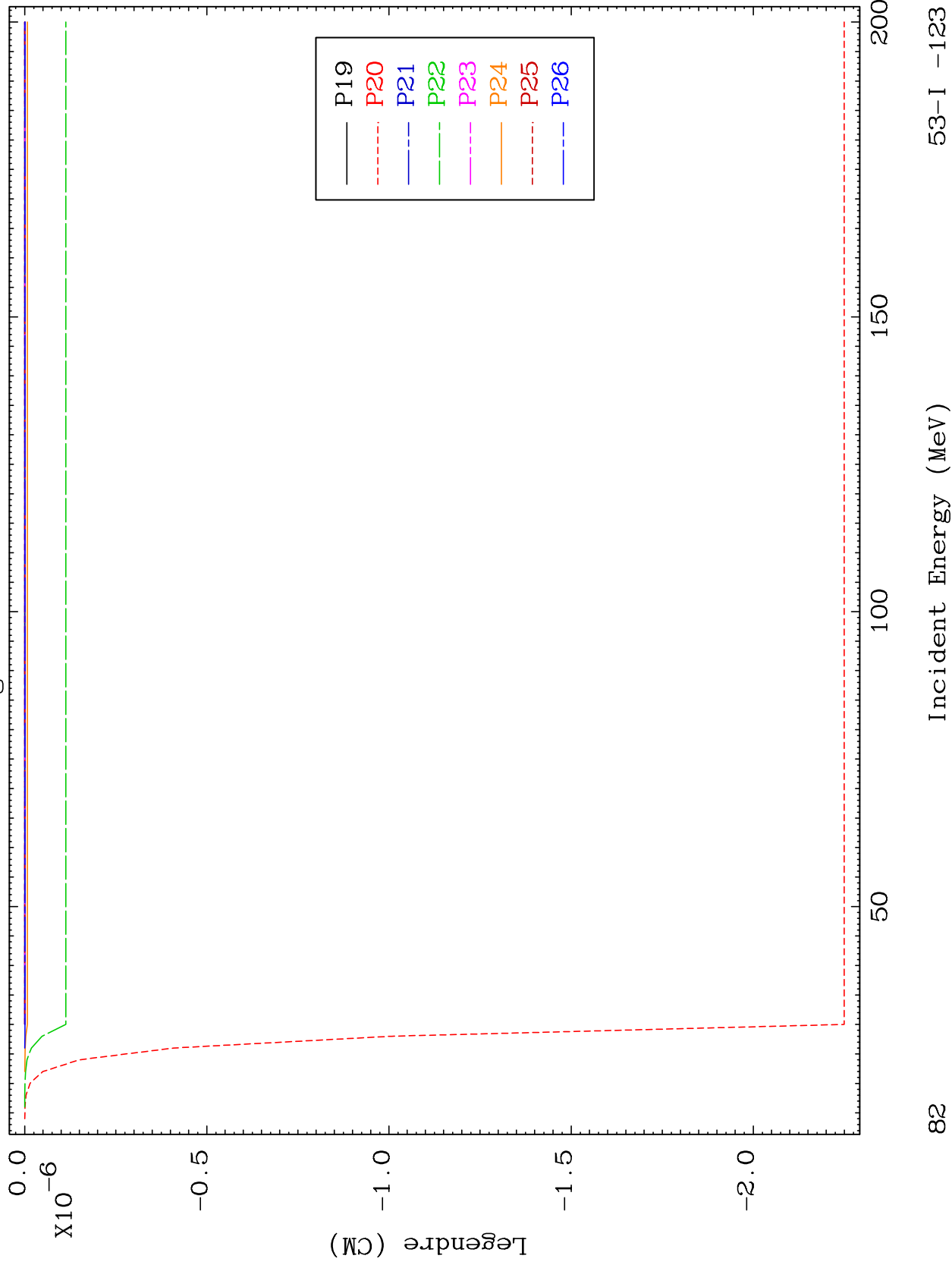
Incident Energy (MeV)

53-I -123

MAT 5313

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

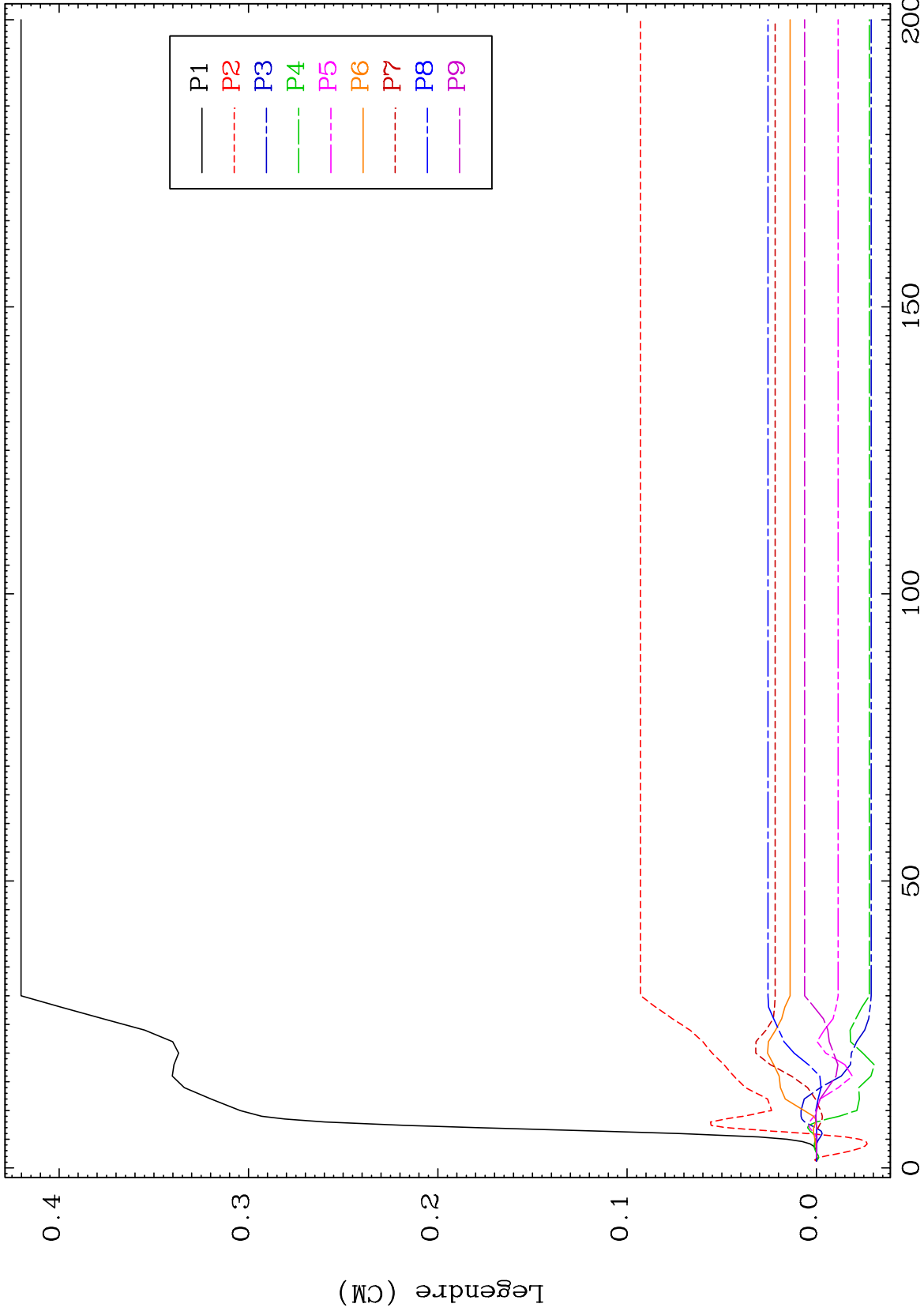
53-I -123



82

Incident Energy (MeV)

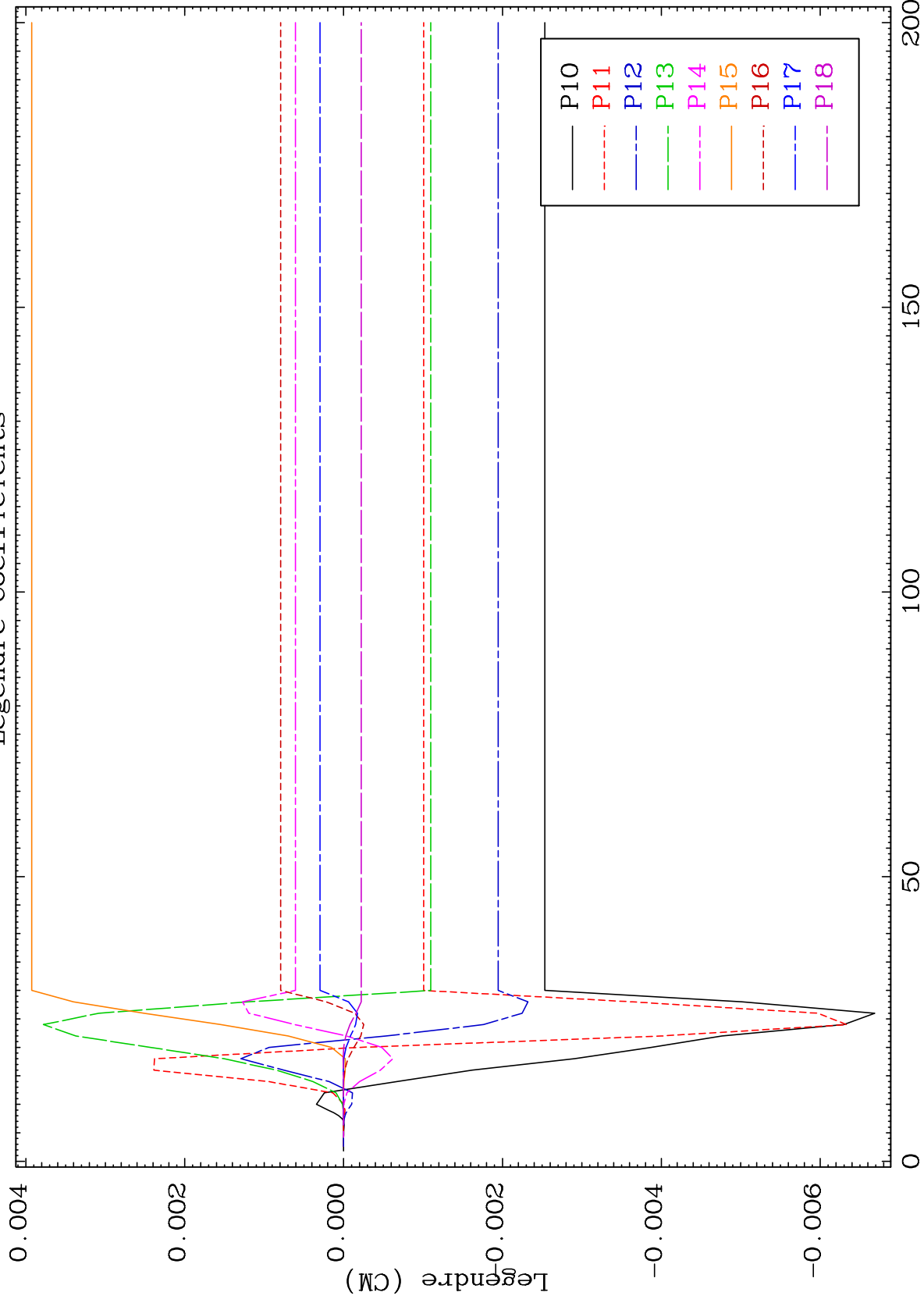
53-I -123



MAT 5313

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

53-I -123



84

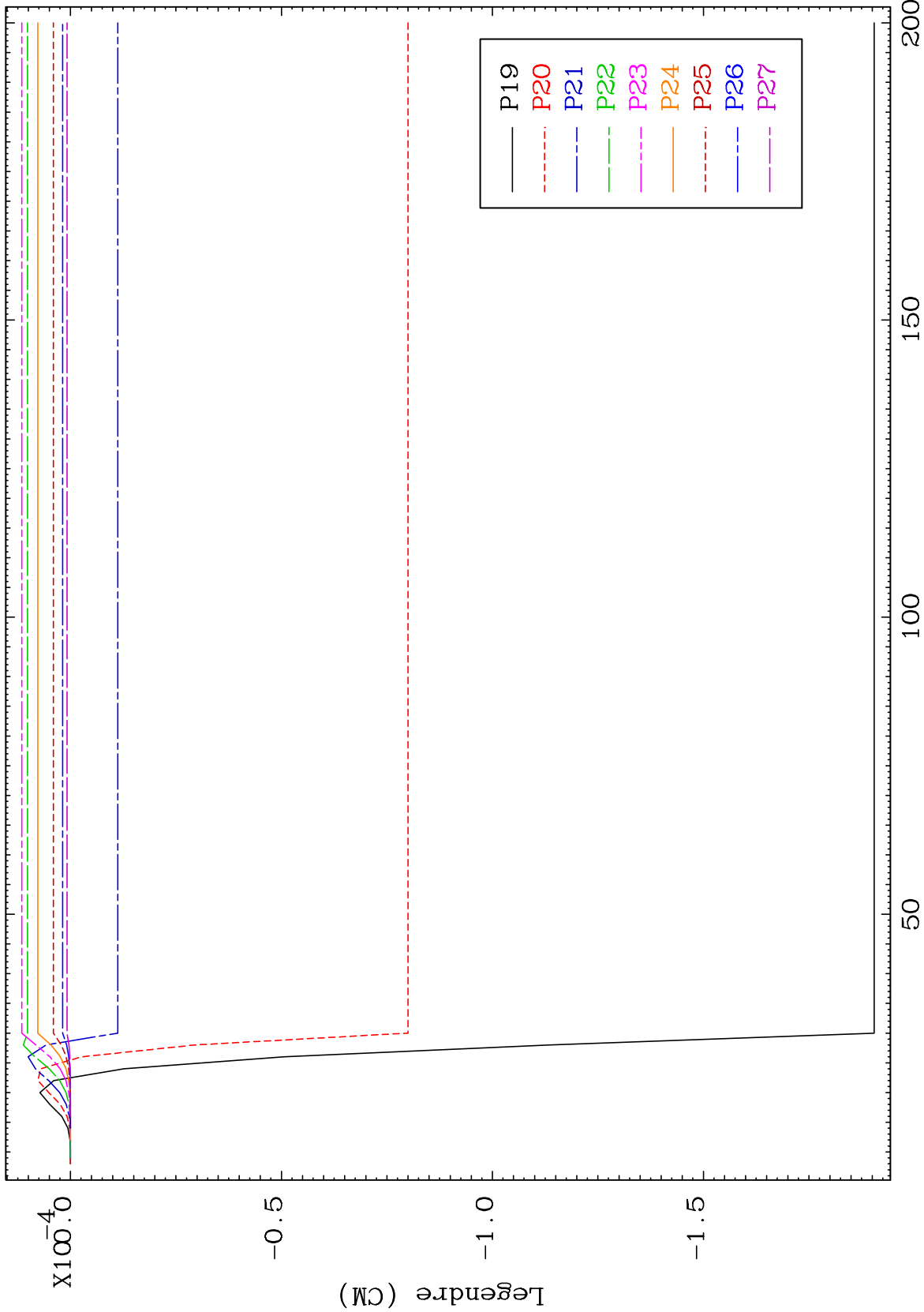
Incident Energy (MeV)

53-I -123

MAT 5313

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

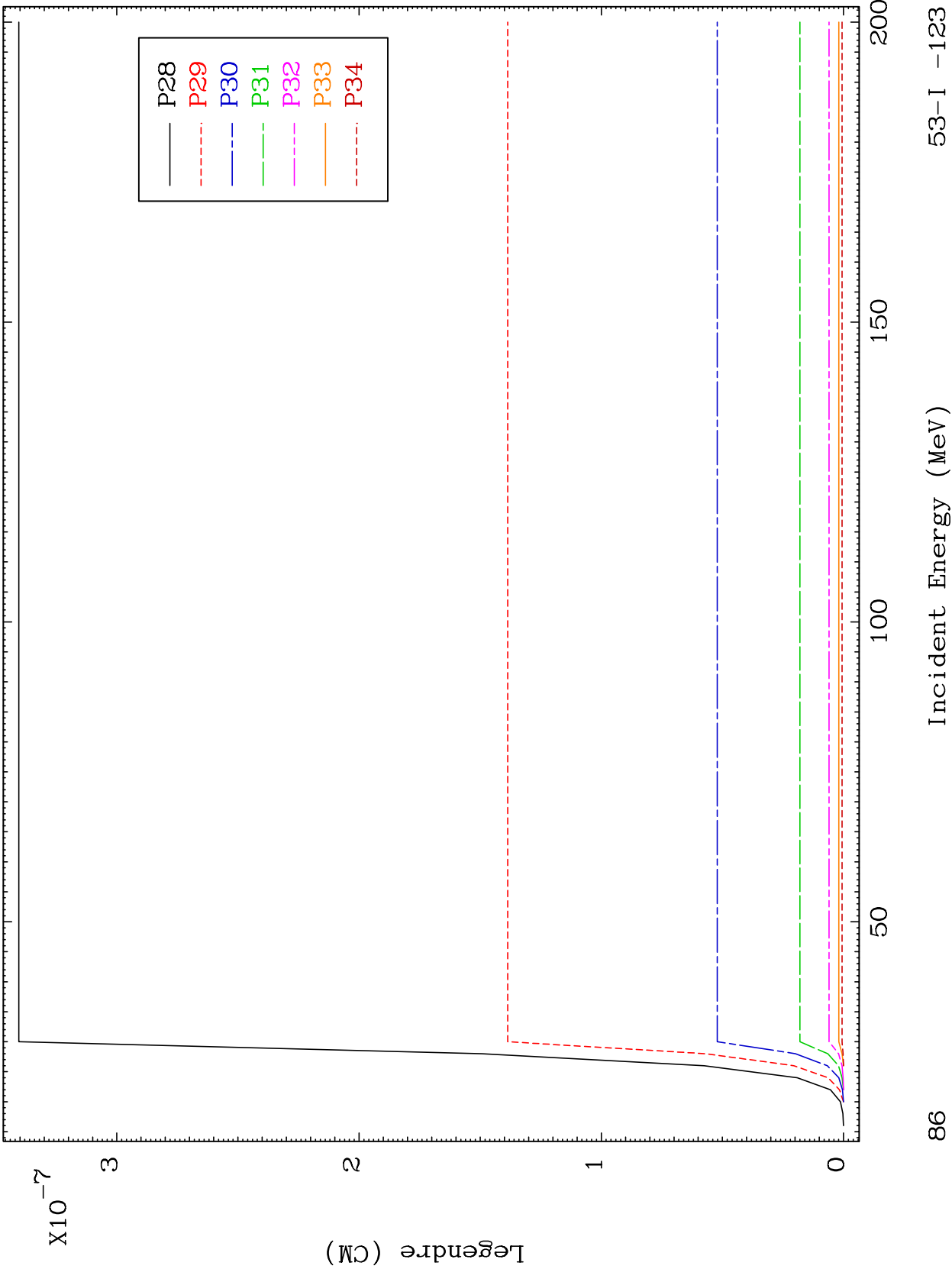
53-I -123



85

Incident Energy (MeV)

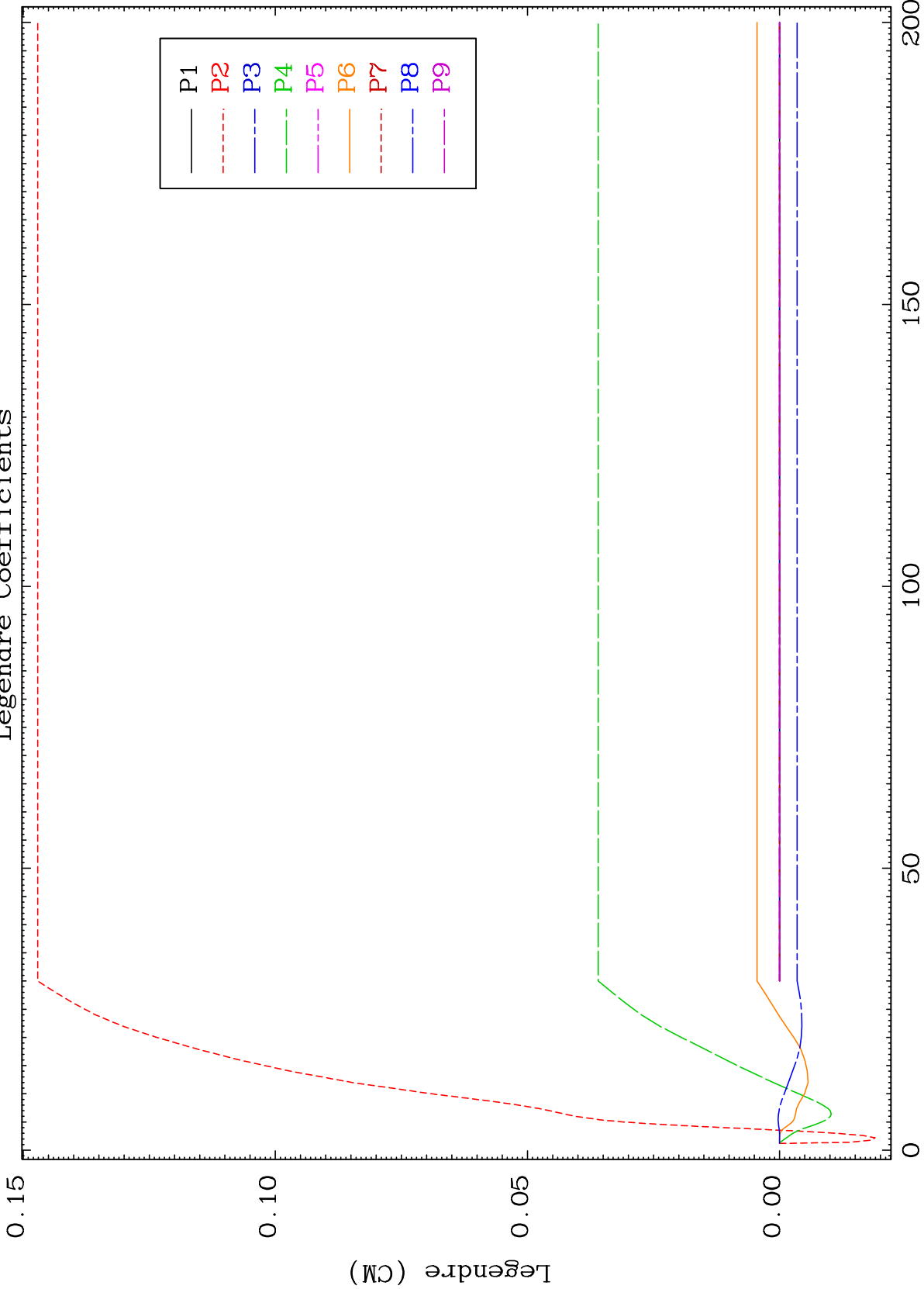
53-I -123



MAT 5313

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

53-I -123



87

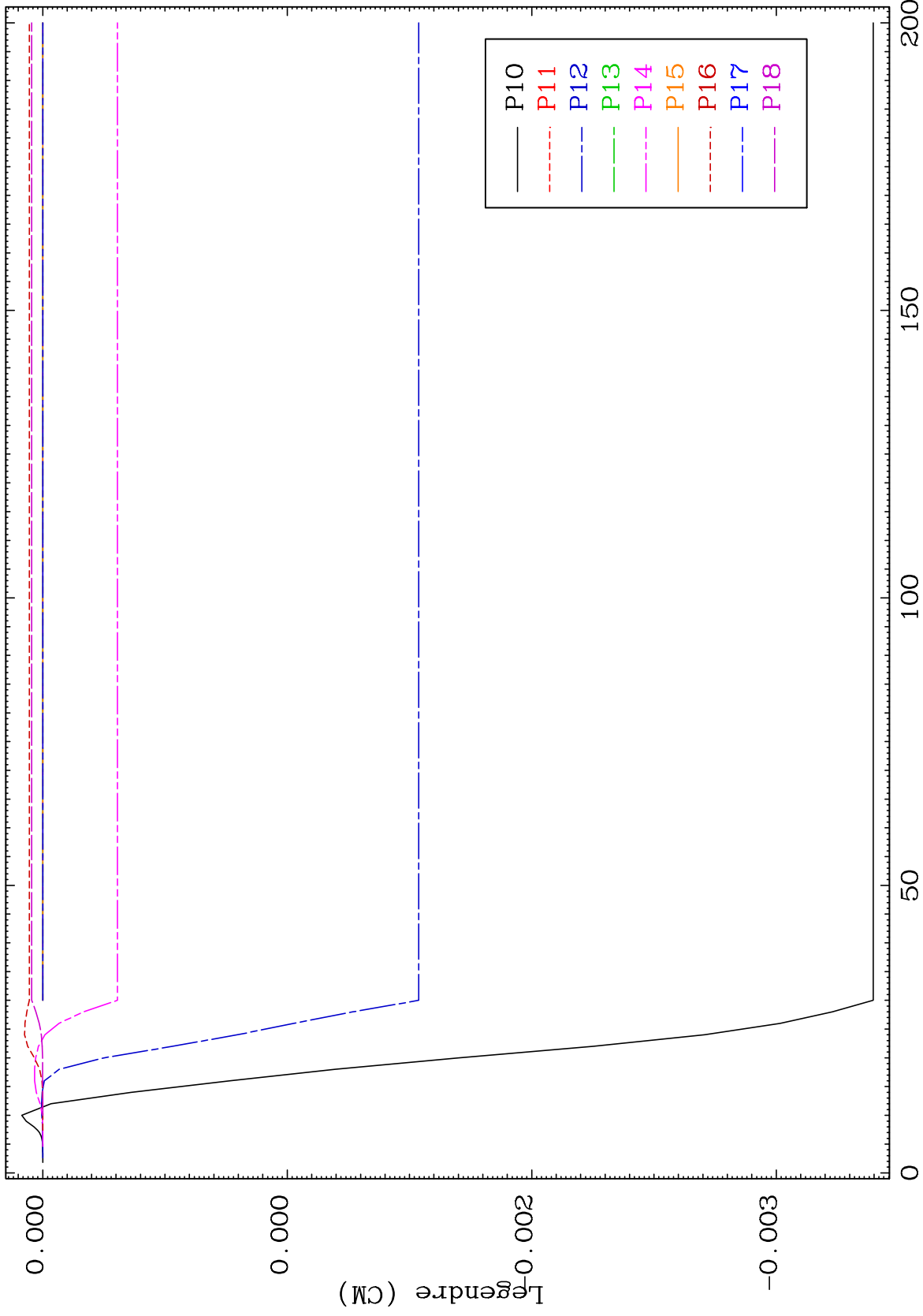
Incident Energy (MeV)

53-I -123

MAT 5313

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

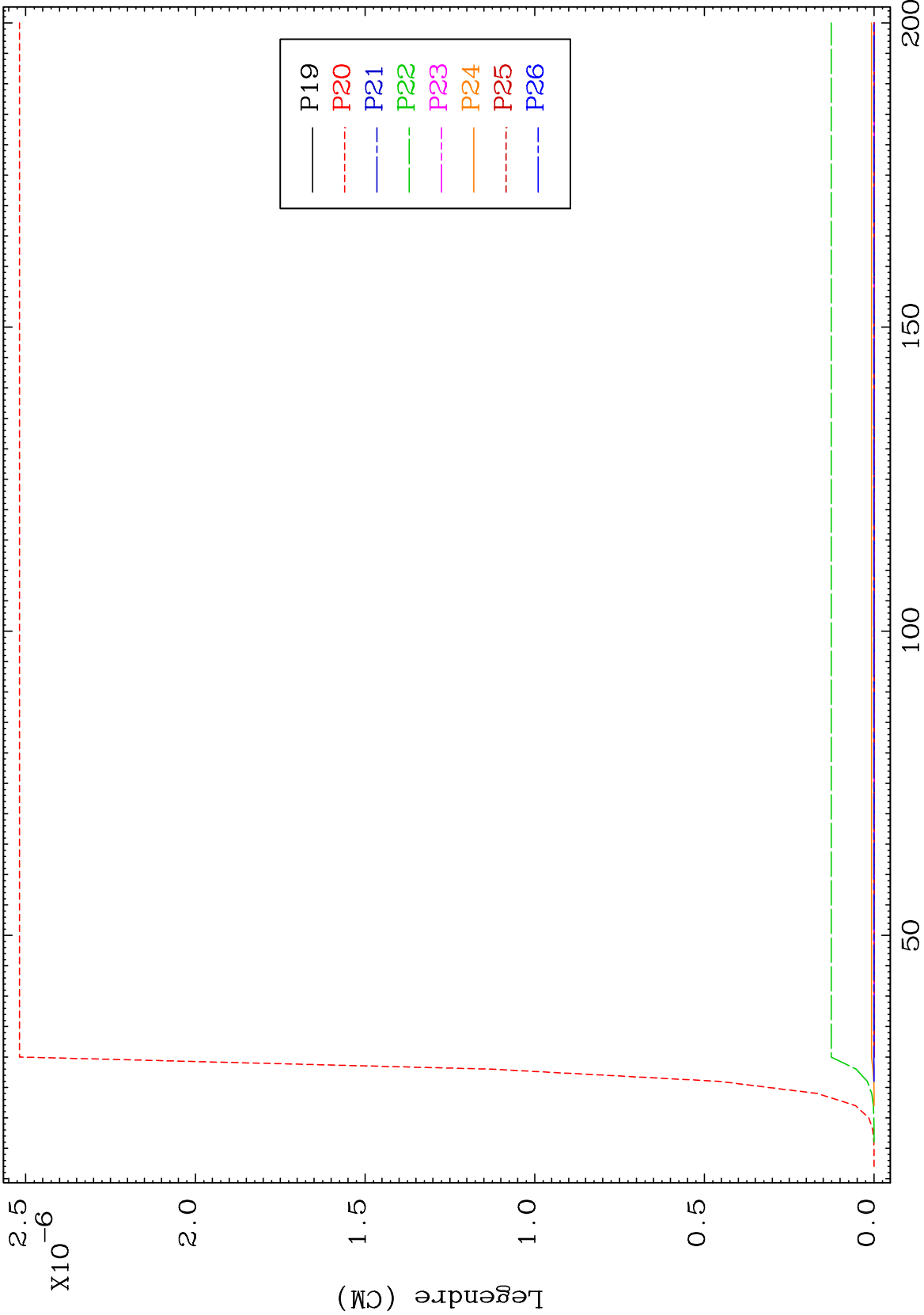
53-I -123



88

Incident Energy (MeV)

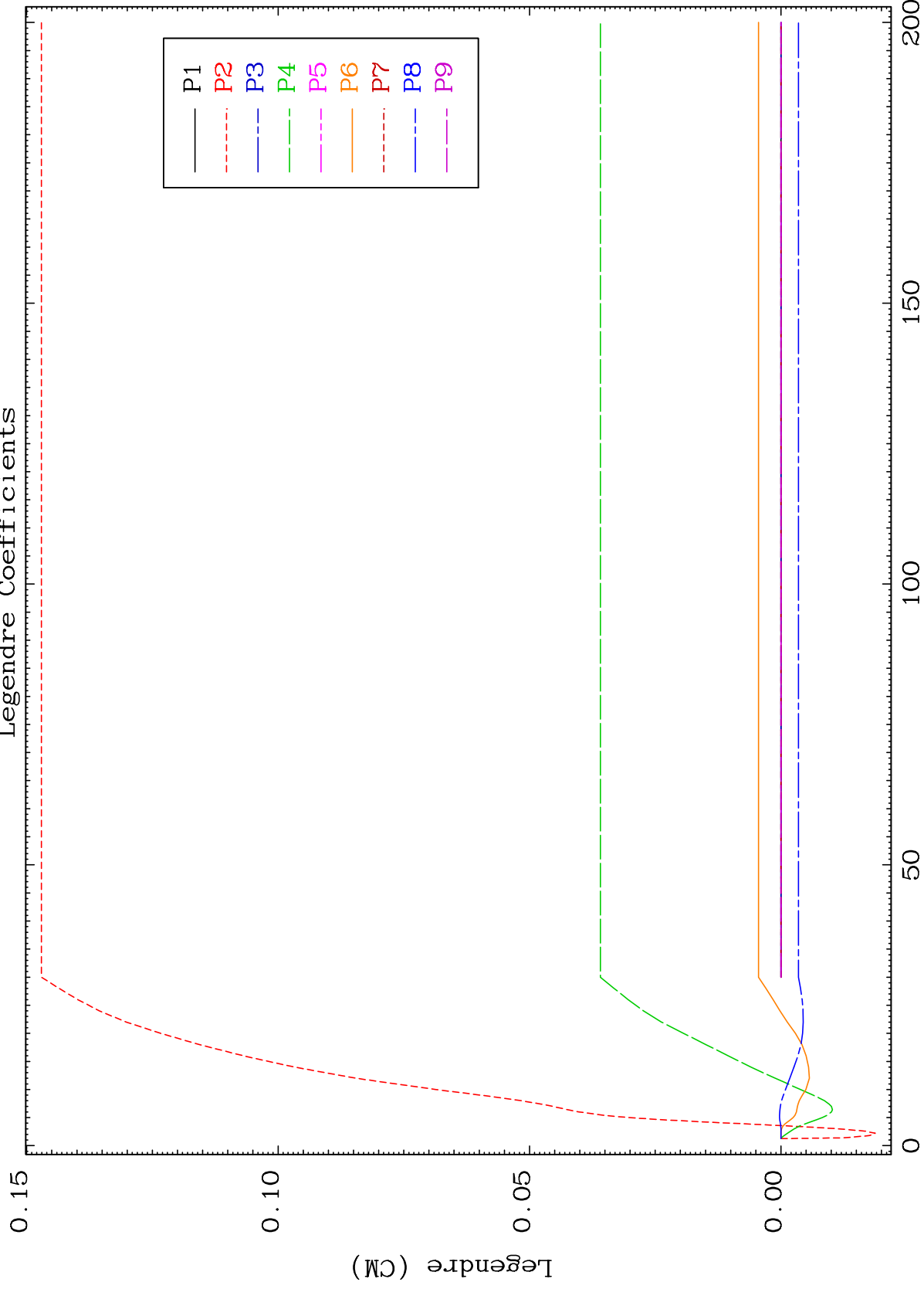
53-I -123



MAT 5313

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

53-I -123



90

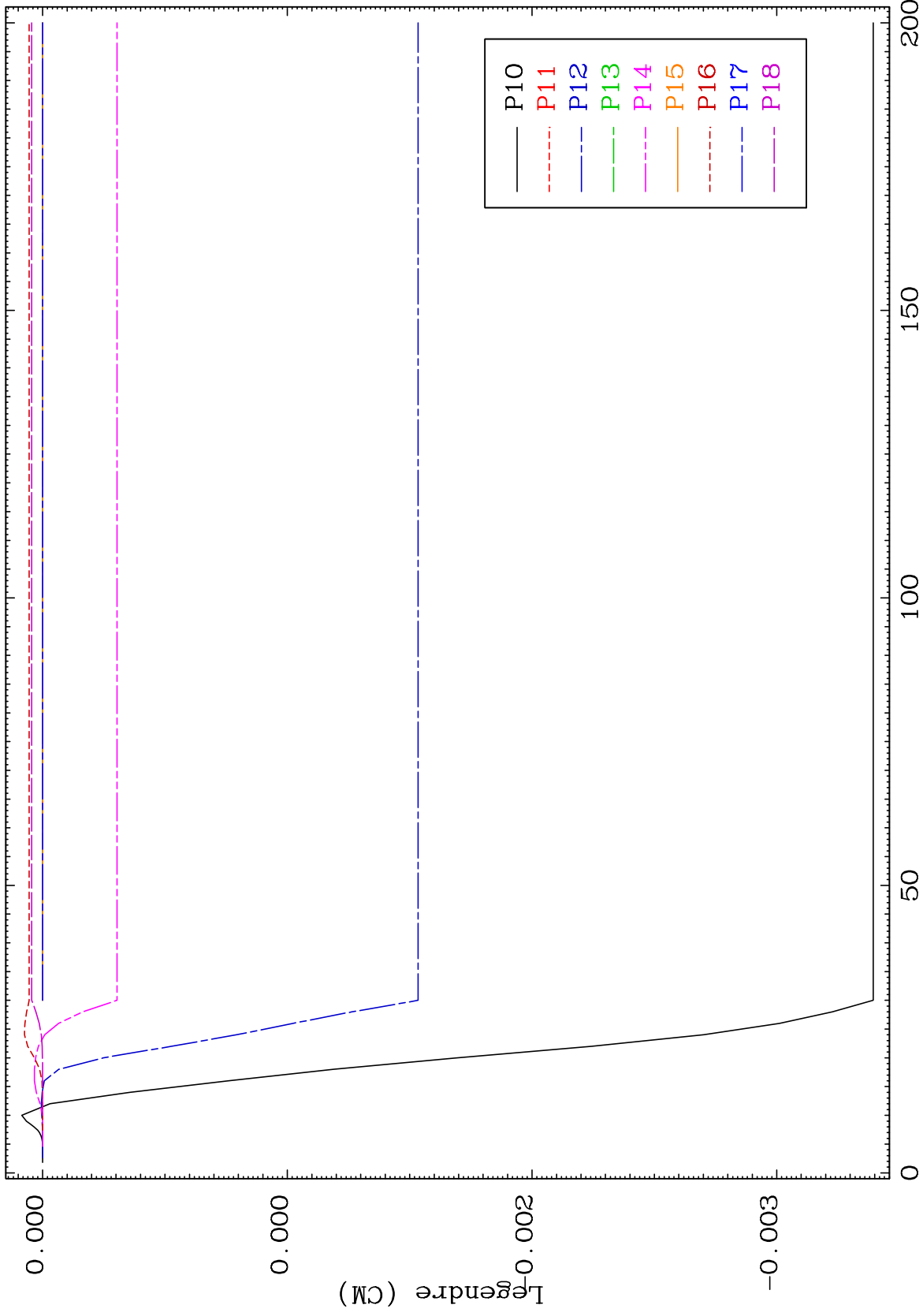
Incident Energy (MeV)

53-I -123

MAT 5313

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

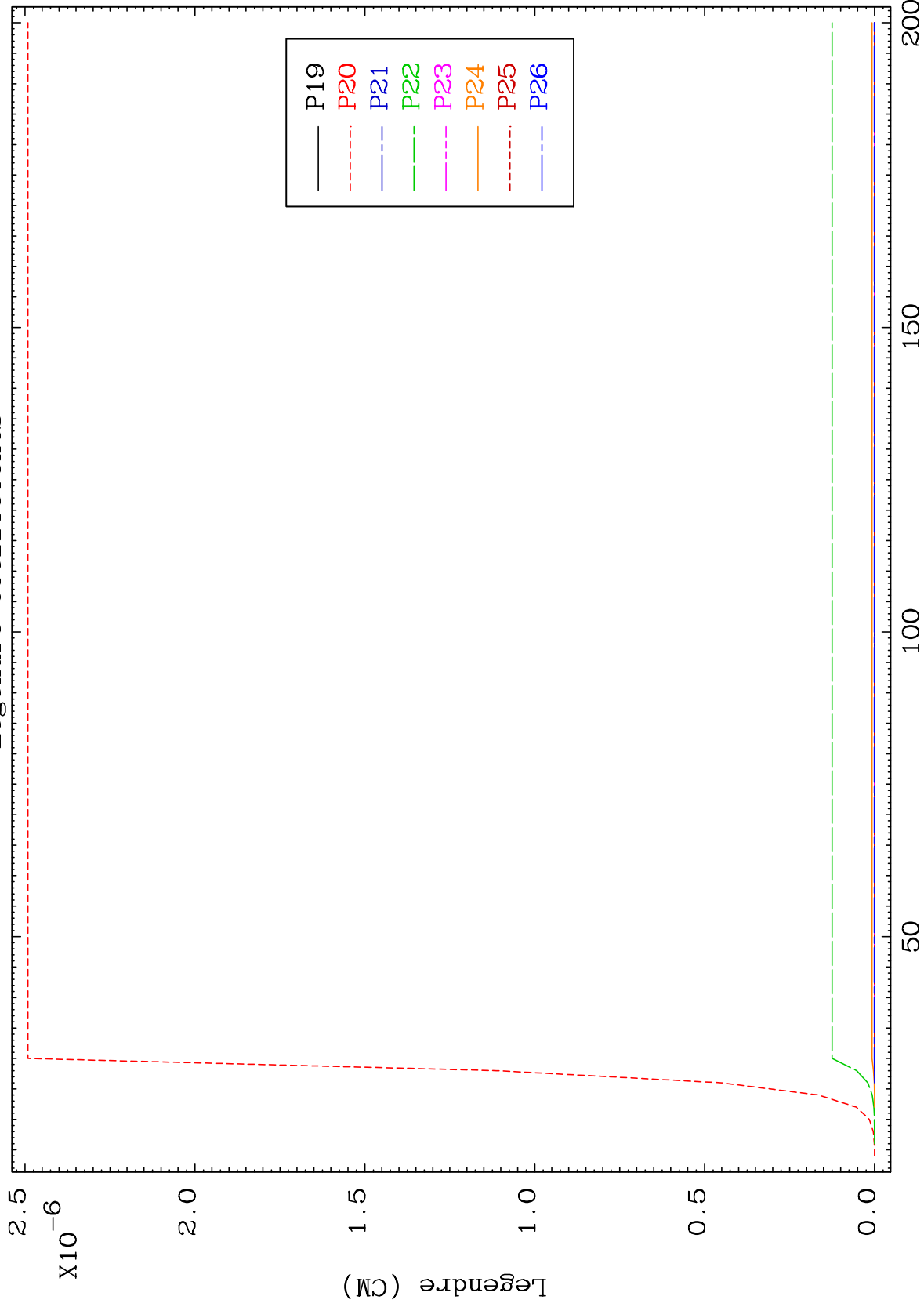
53-I -123



91

Incident Energy (MeV)

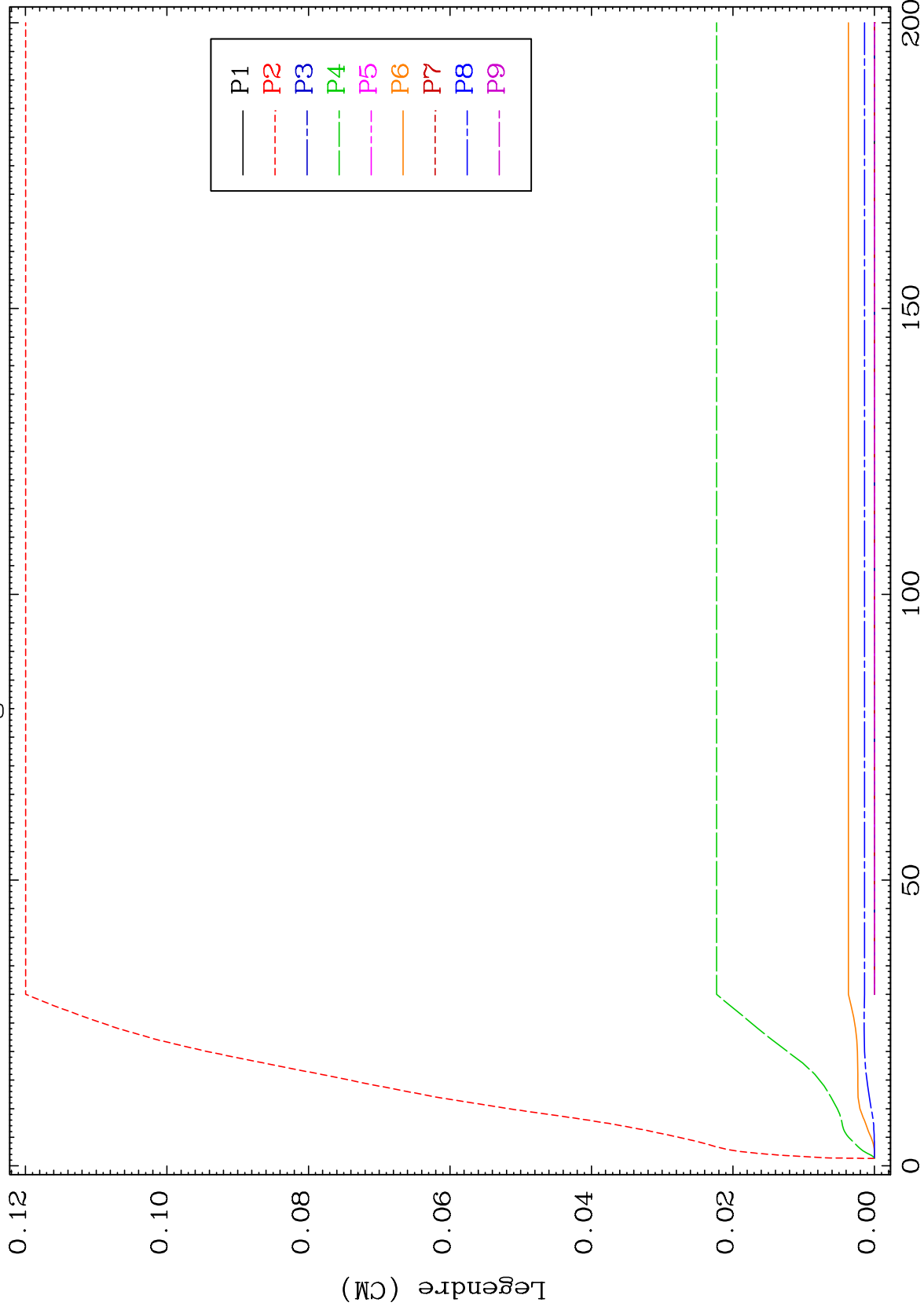
53-I -123



MAT 5313

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

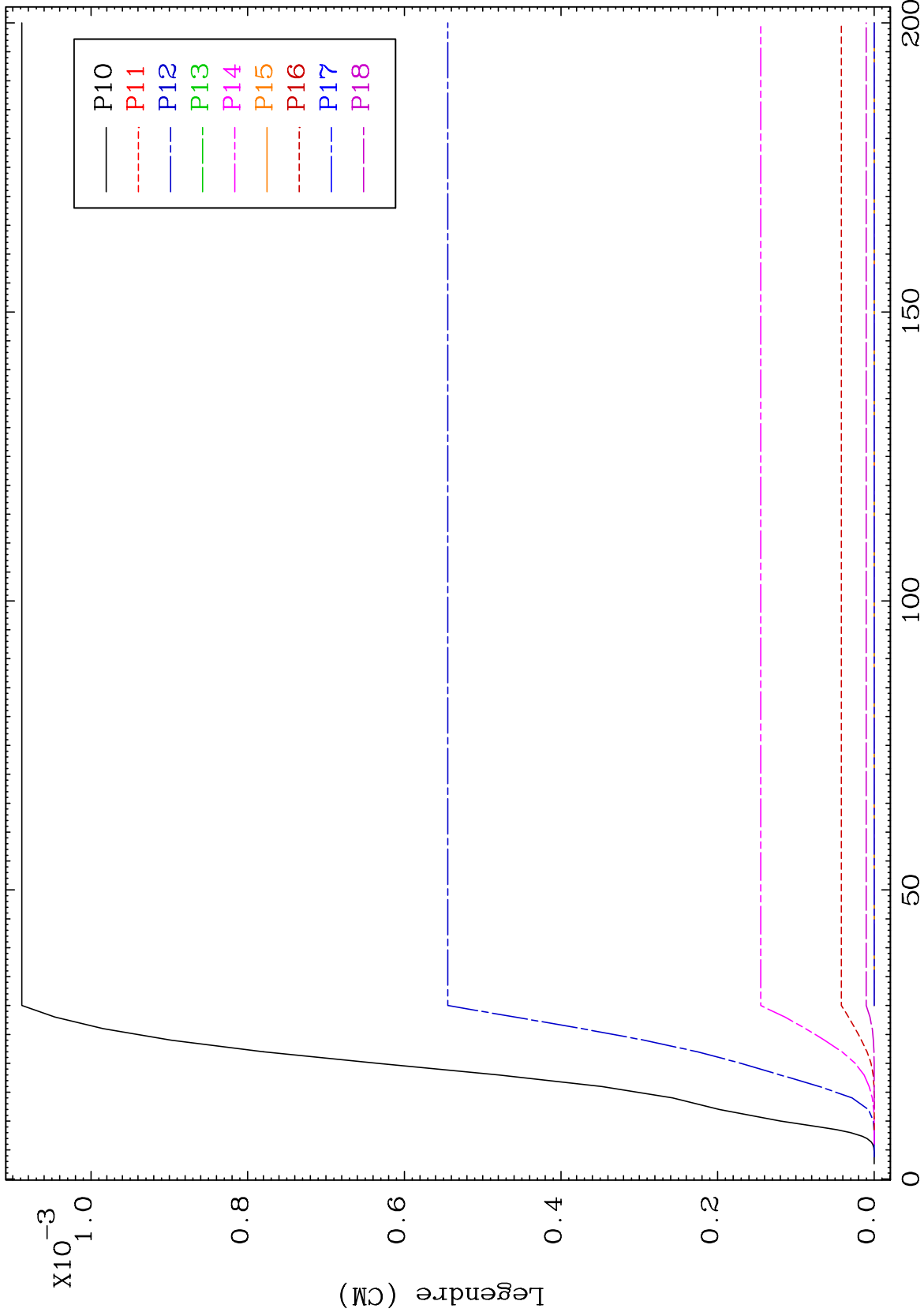
53-I -123



93

Incident Energy (MeV)

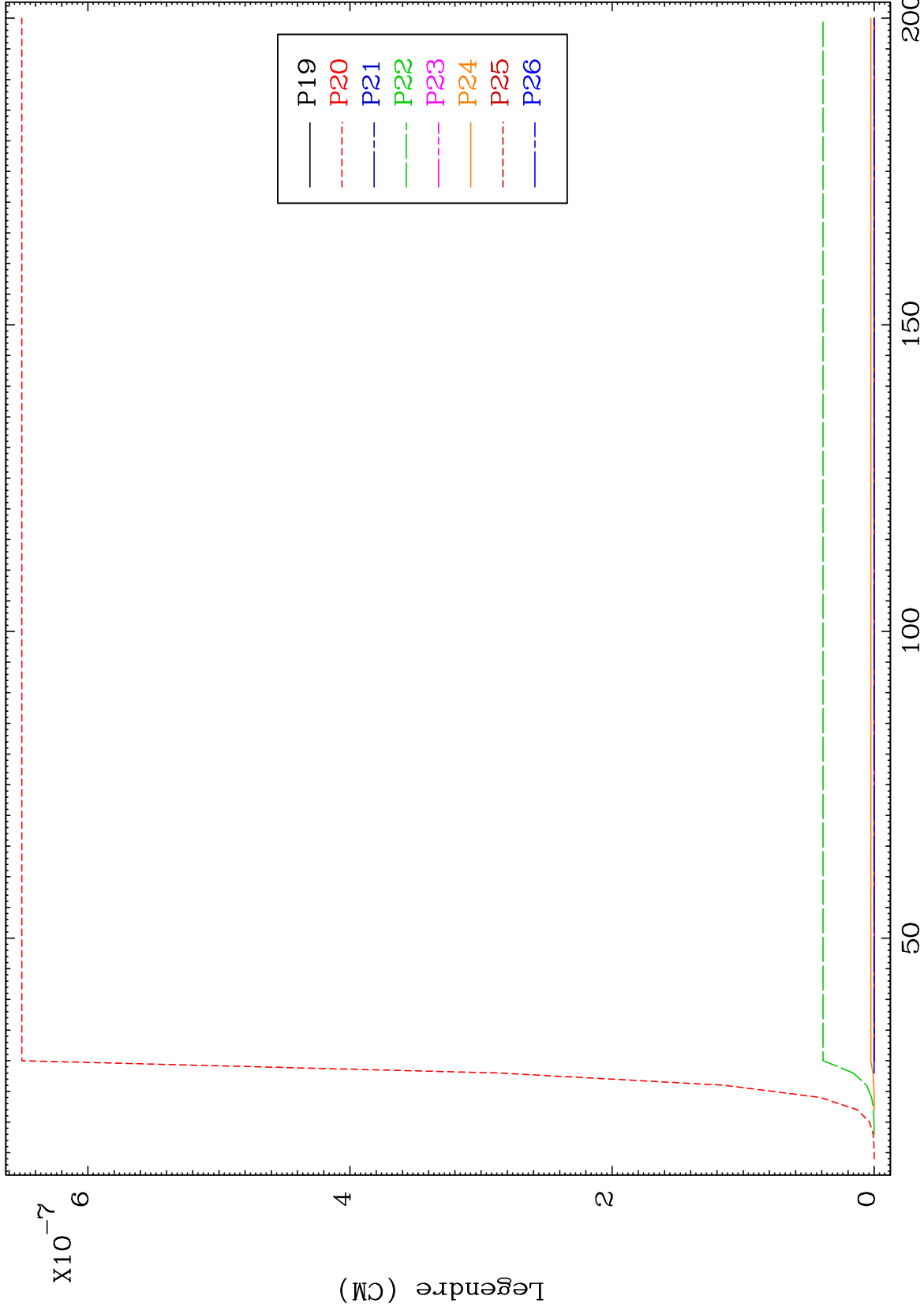
53-I -123



MAT 5313

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

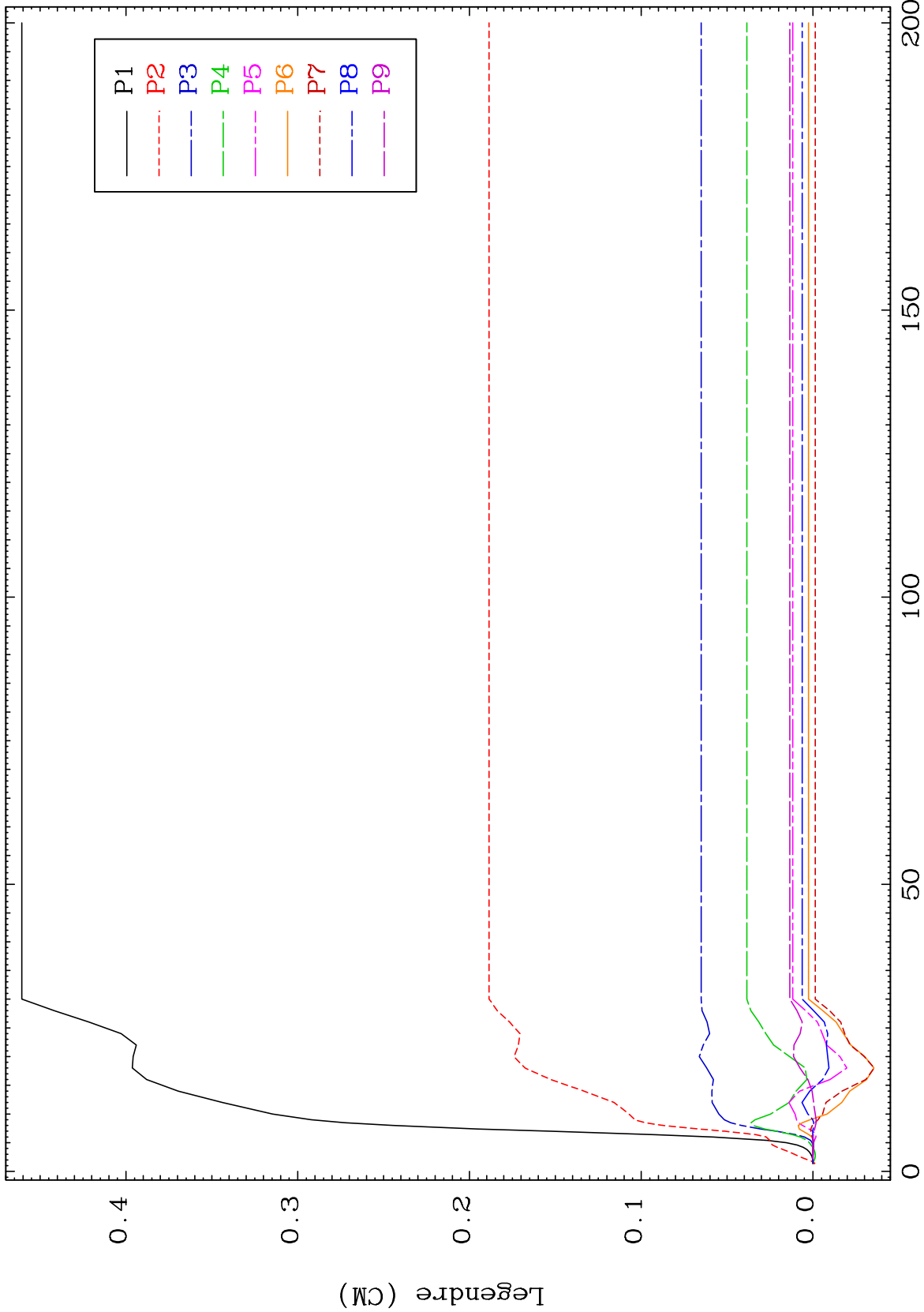
53-I -123

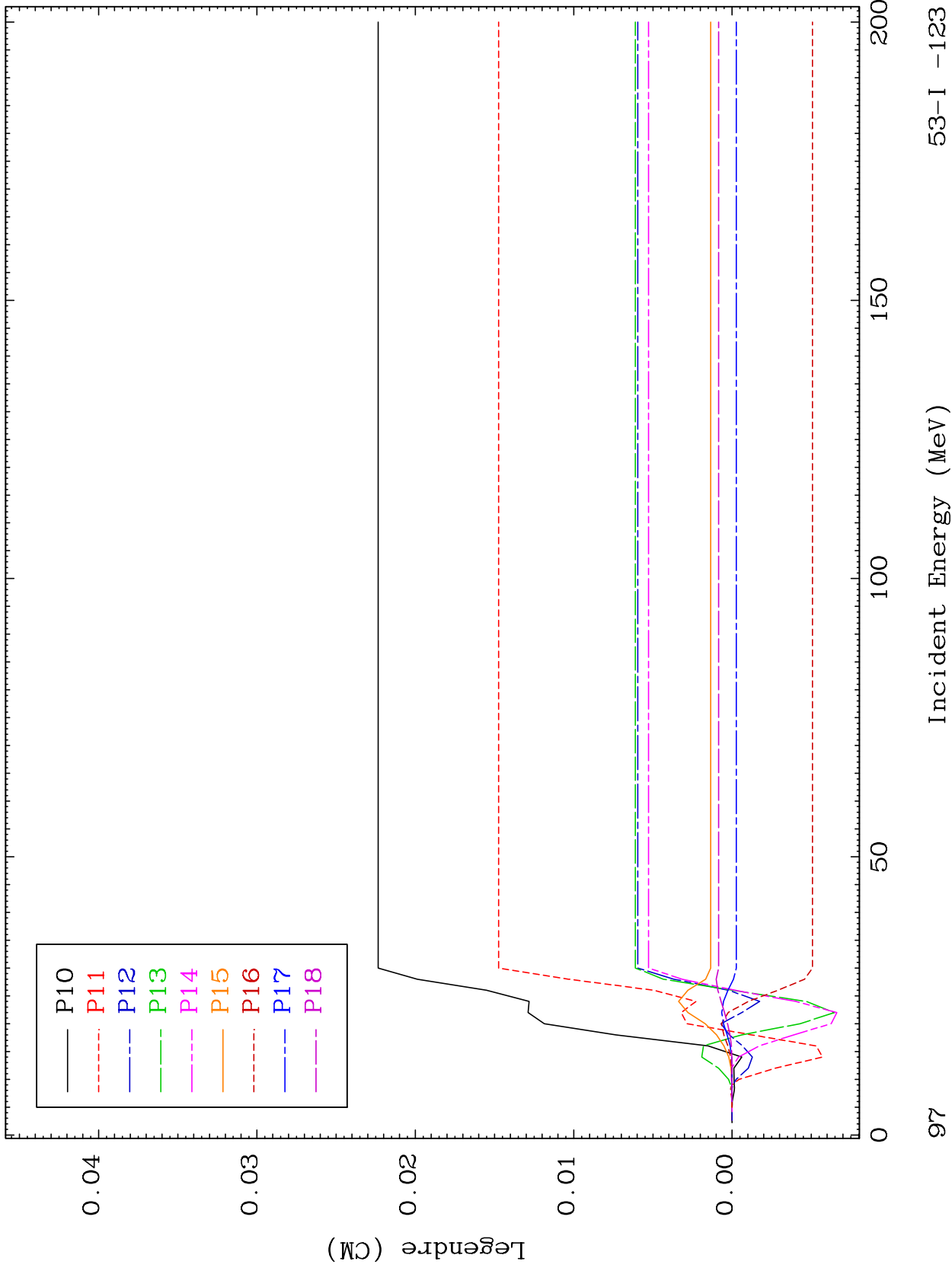


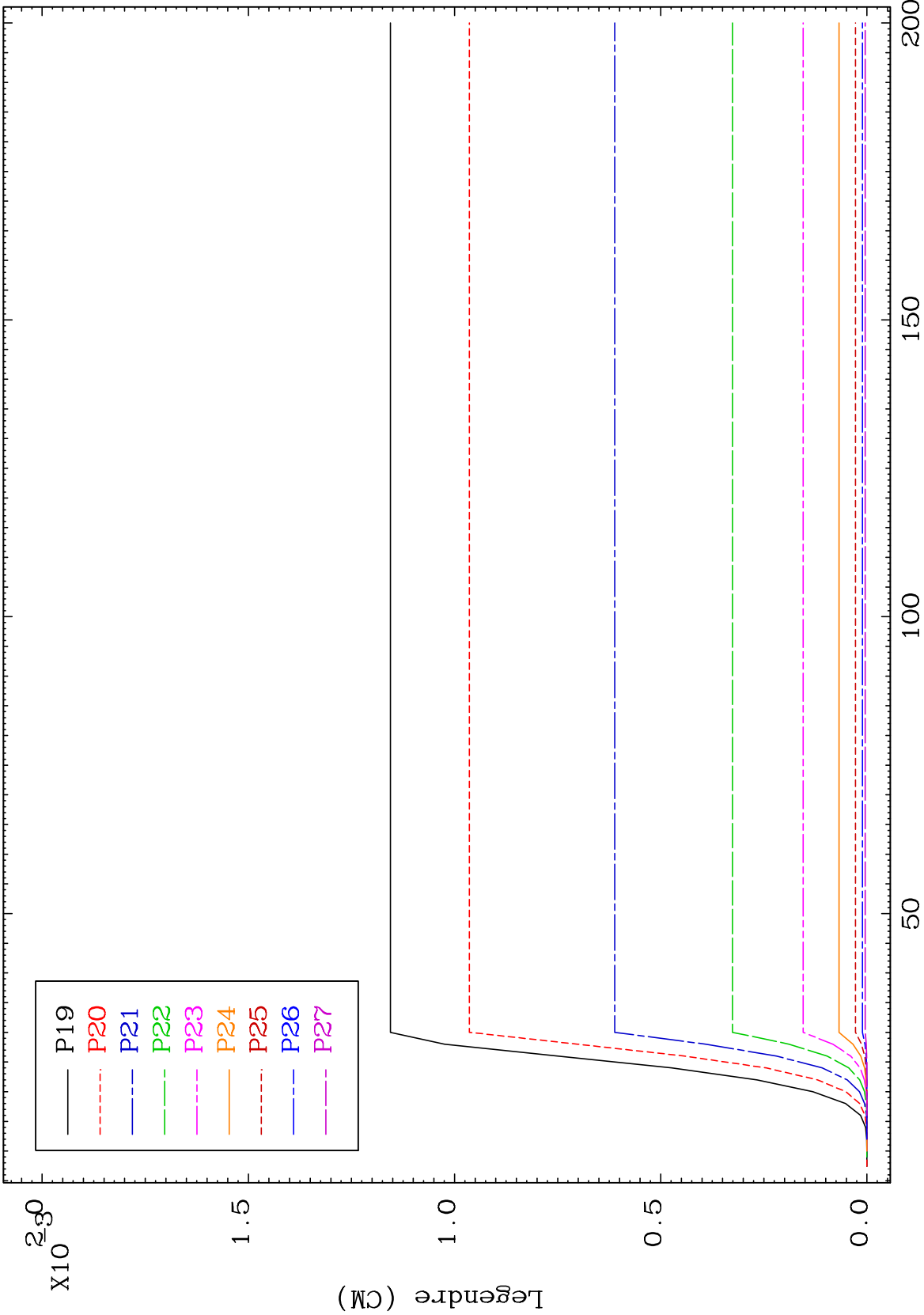
95

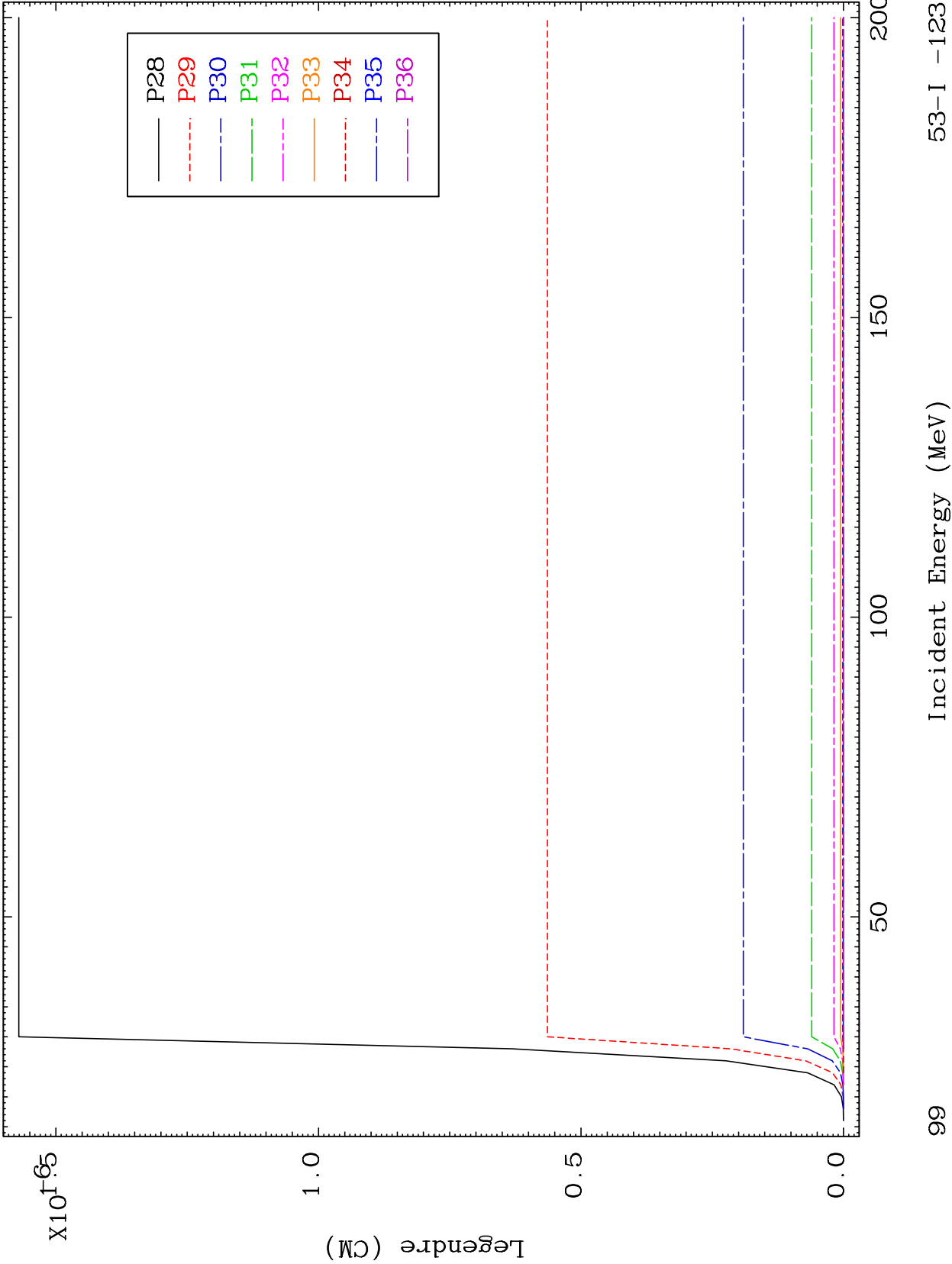
Incident Energy (MeV)

53-I -123





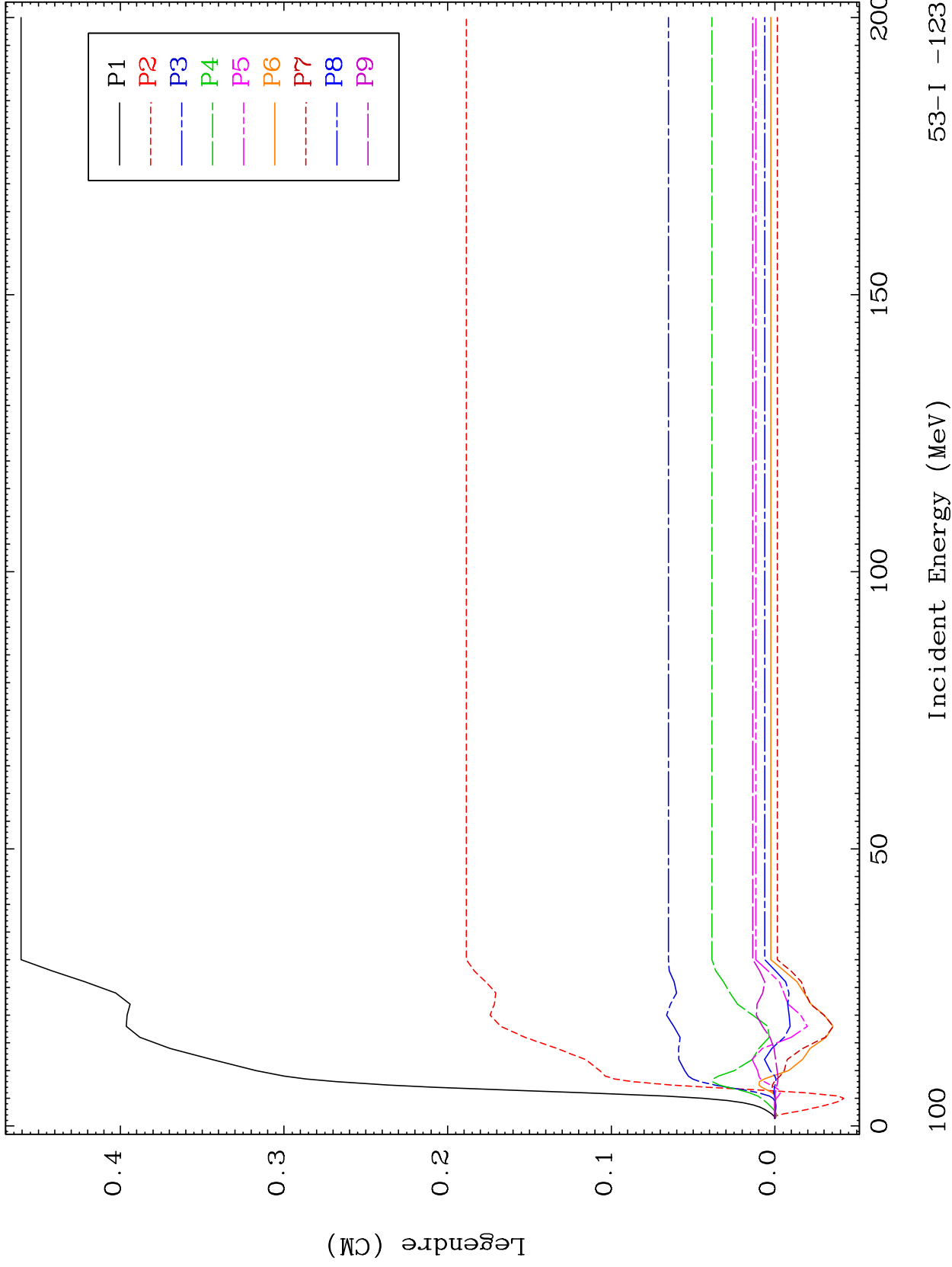




MAT 5313

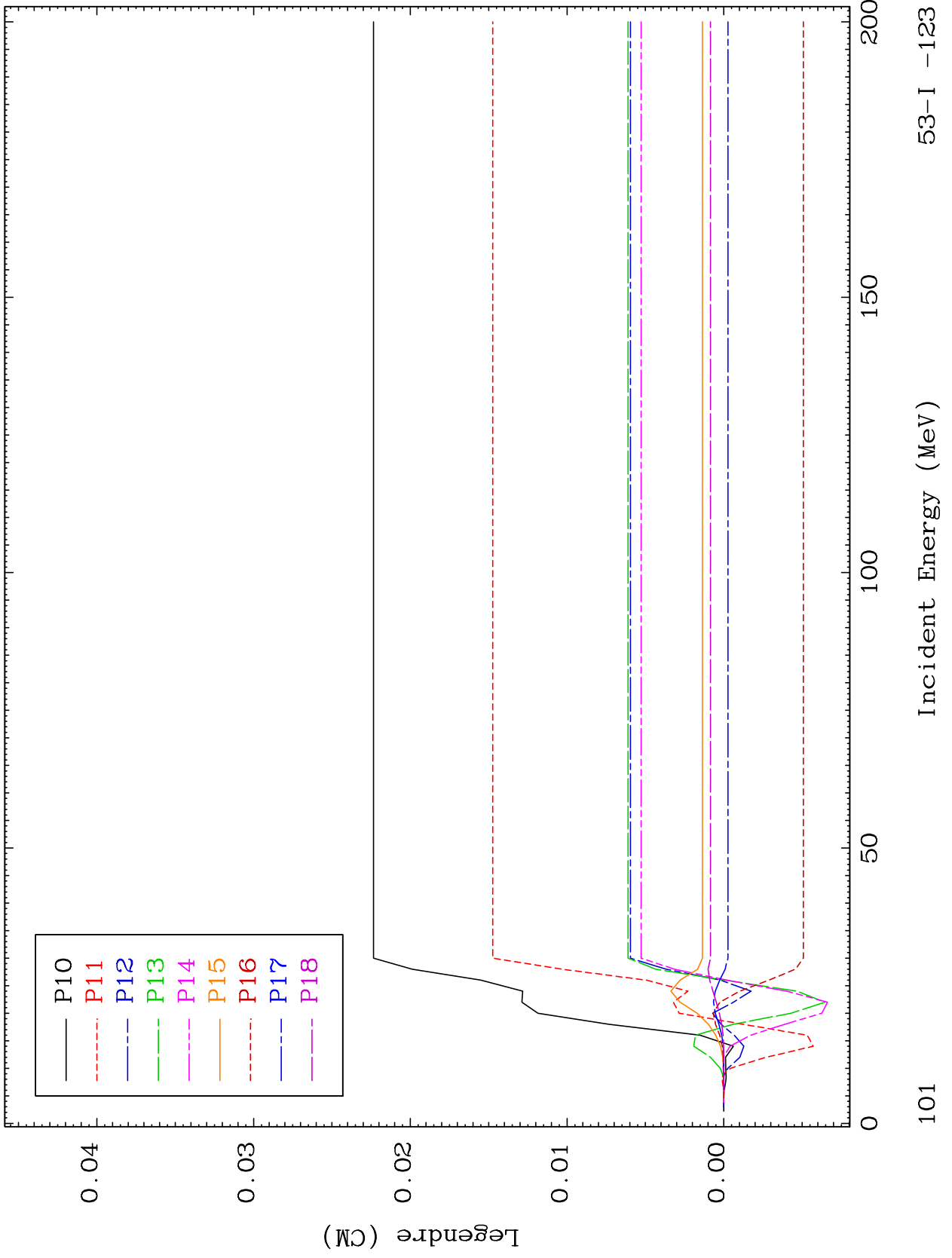
MT= 74 (n,n') Level
Legendre Coefficients

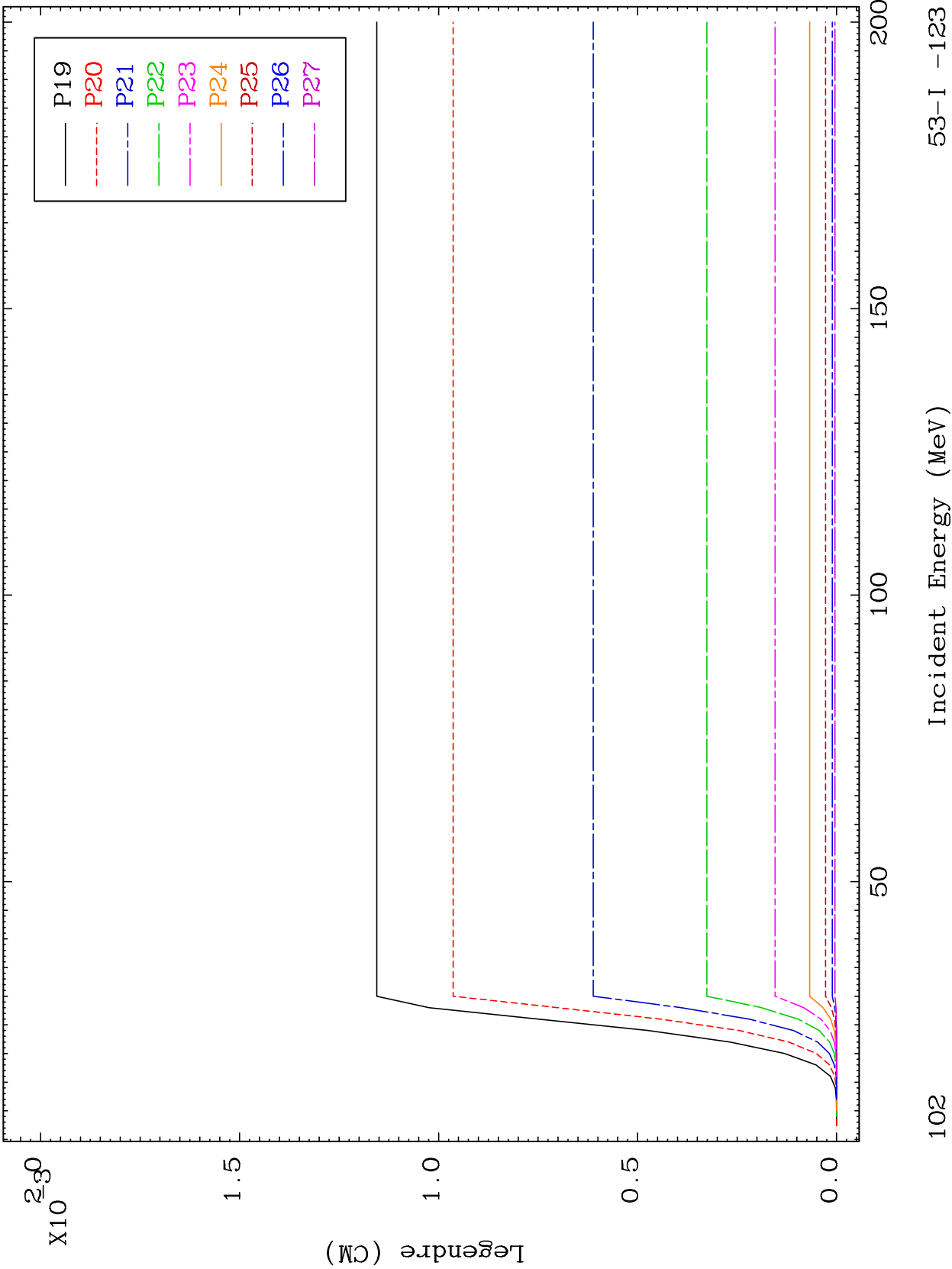
53-I -123



53-I -123

Incident Energy (MeV)

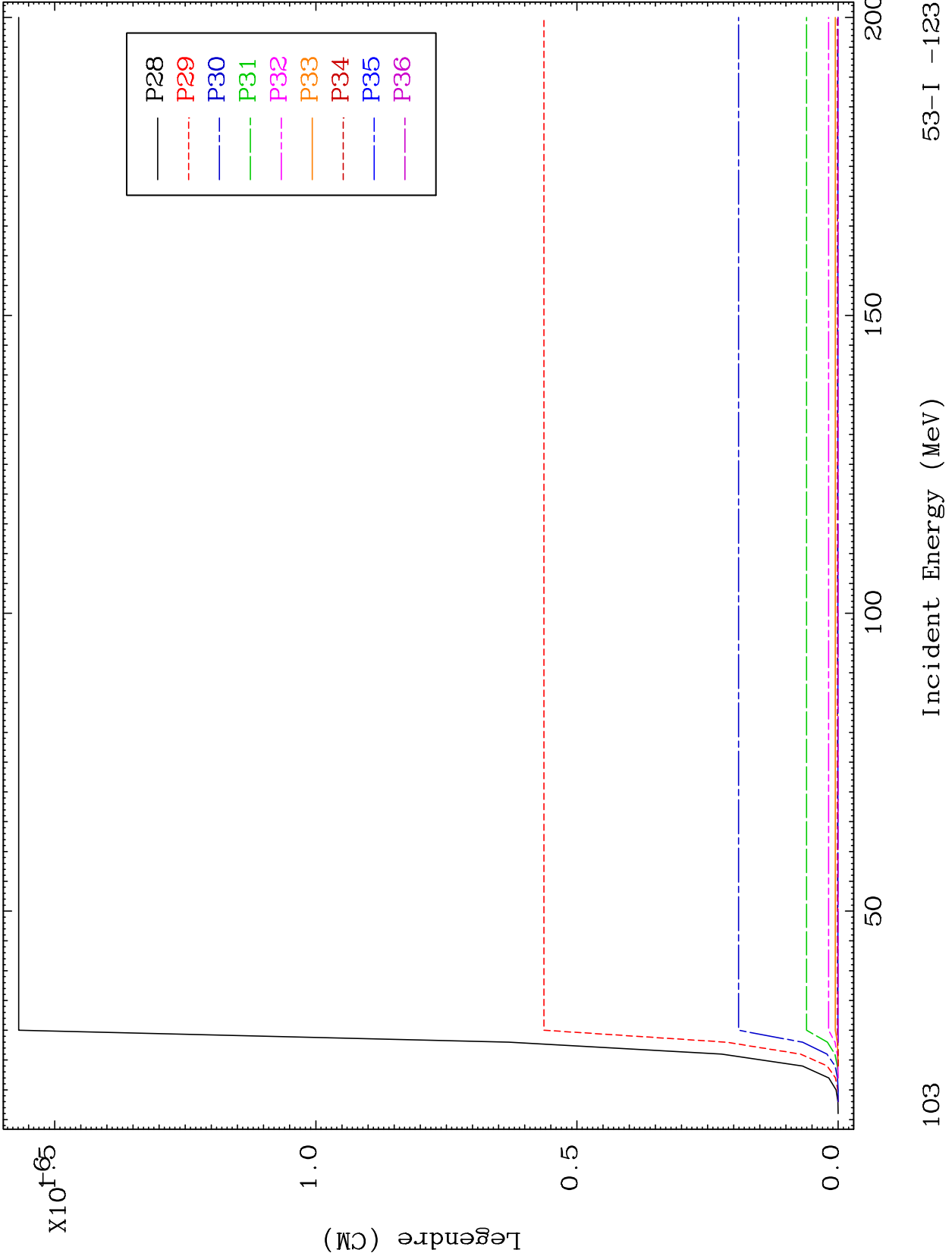




MAT 5313

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

53-I -123



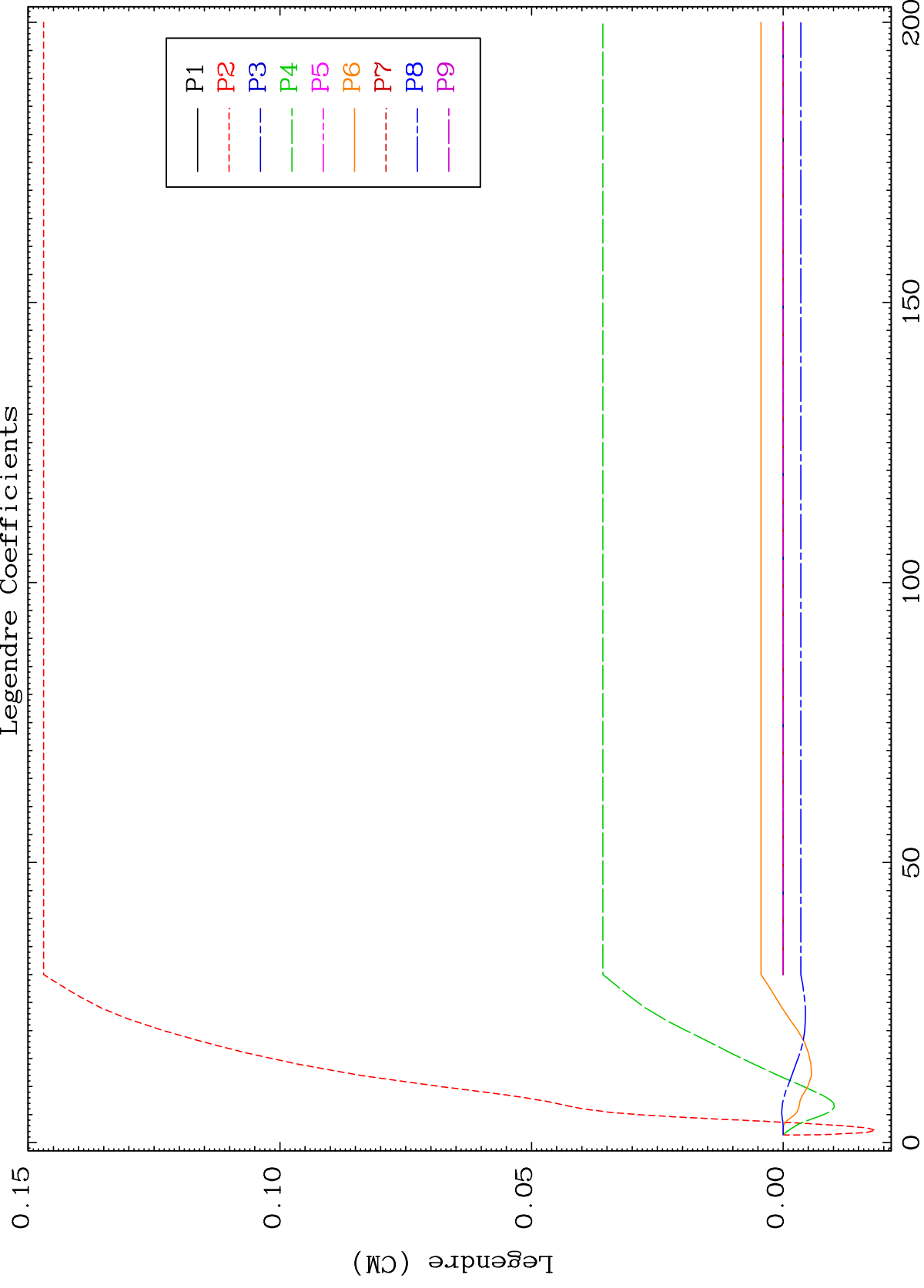
103

53-I -123

MAT 5313

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

53-I -123



104

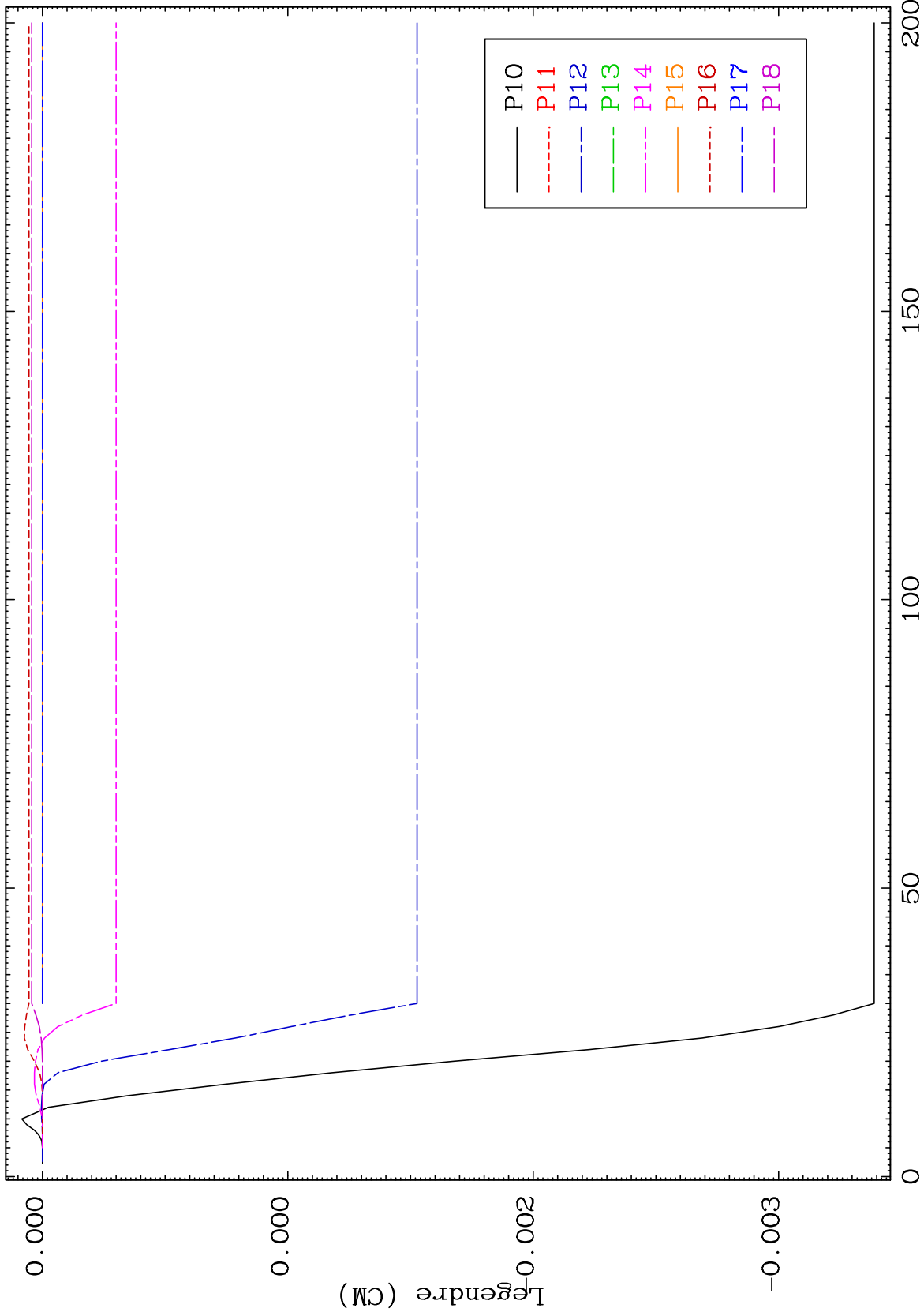
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



105

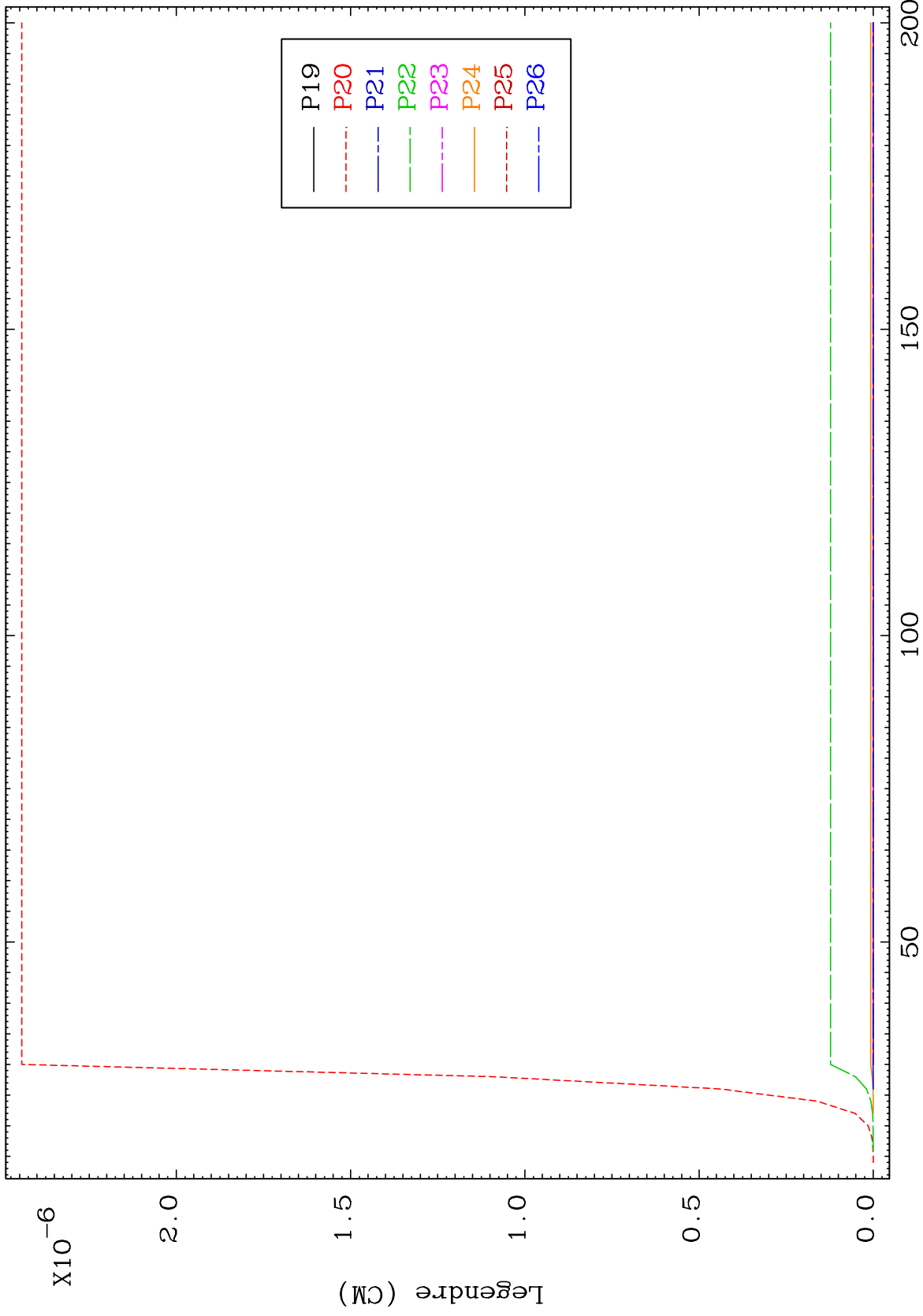
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



106

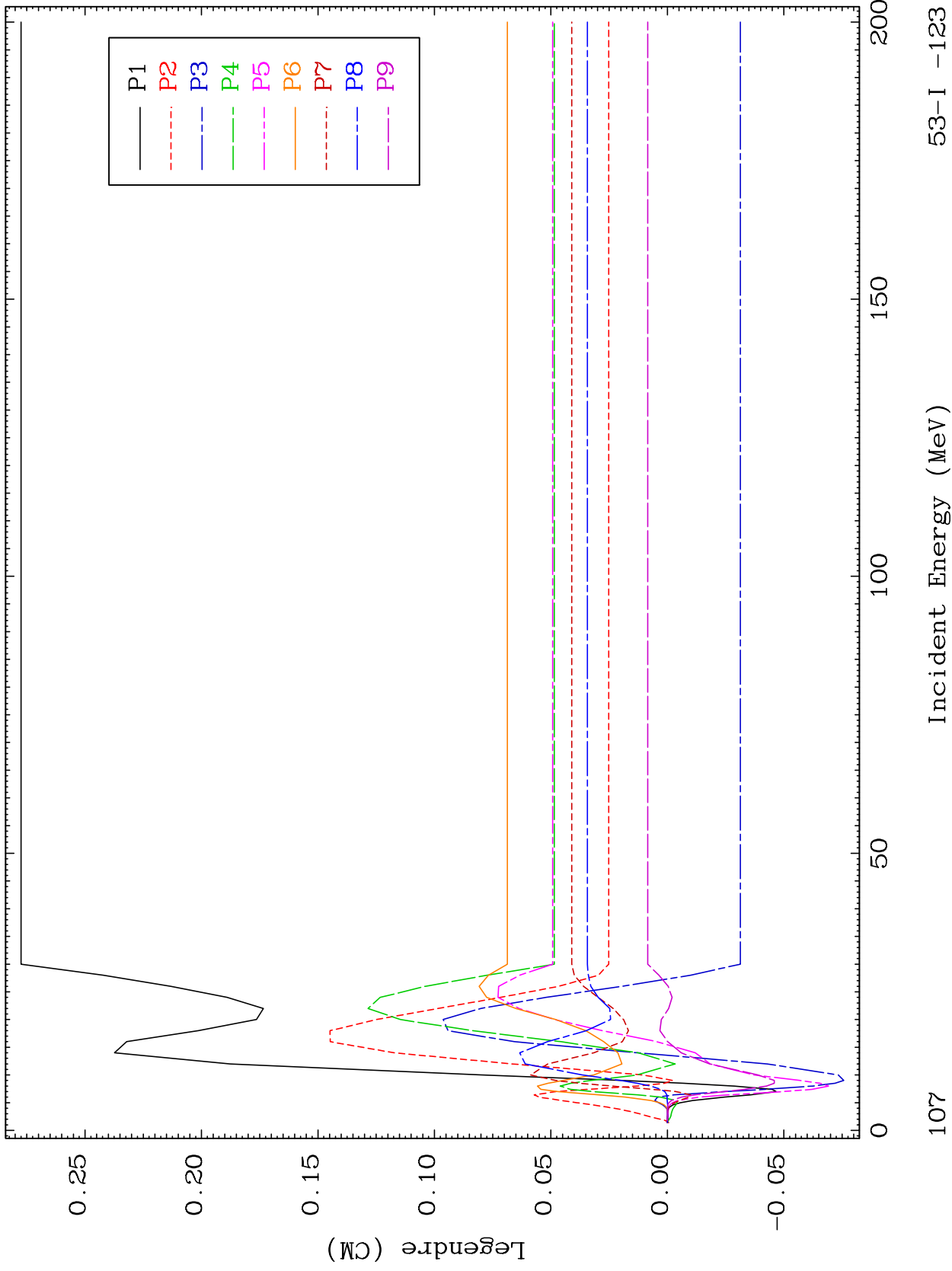
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



53-I -123

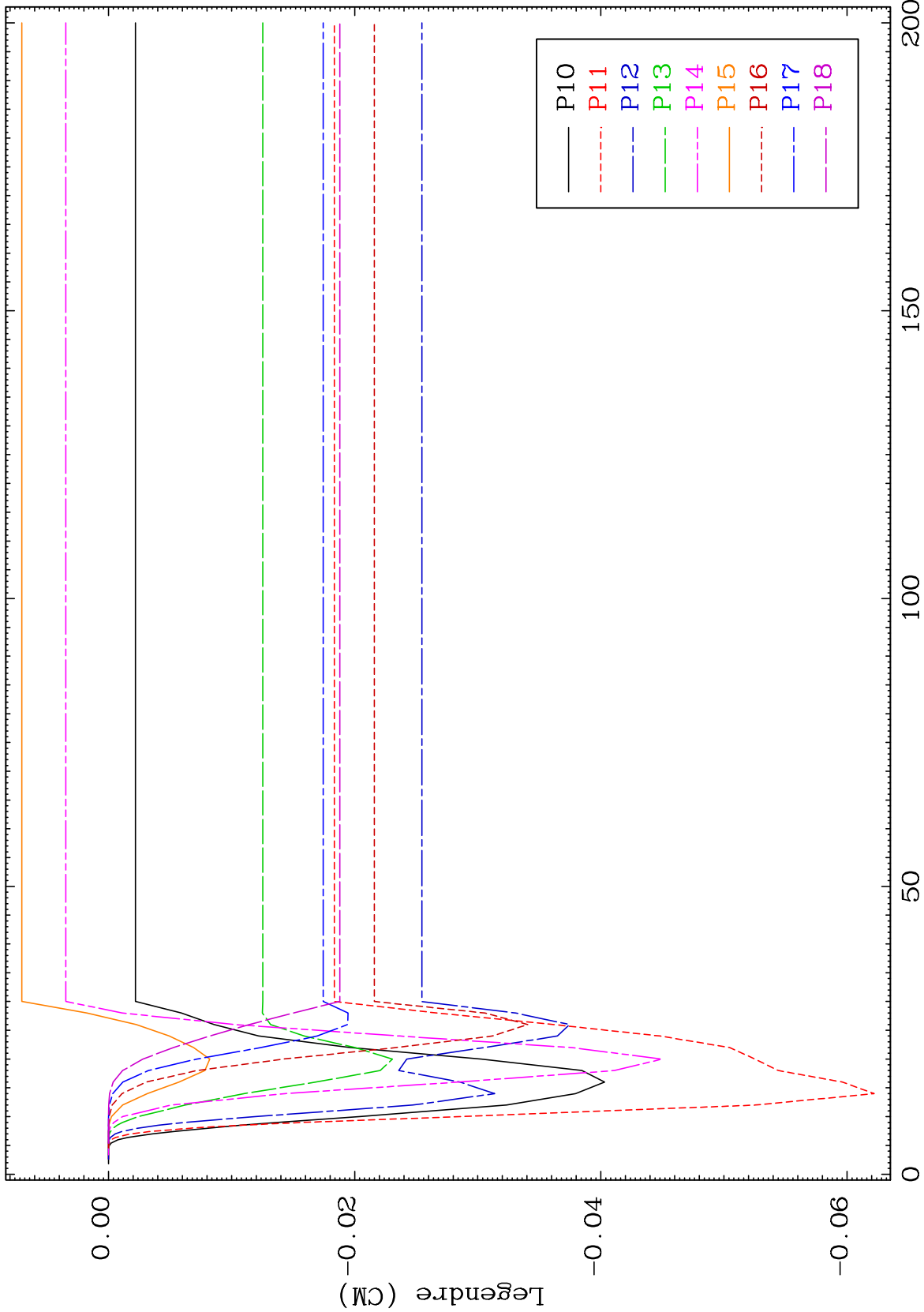
Incident Energy (MeV)

107

MAT 5313

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

53-I -123



108

Incident Energy (MeV)

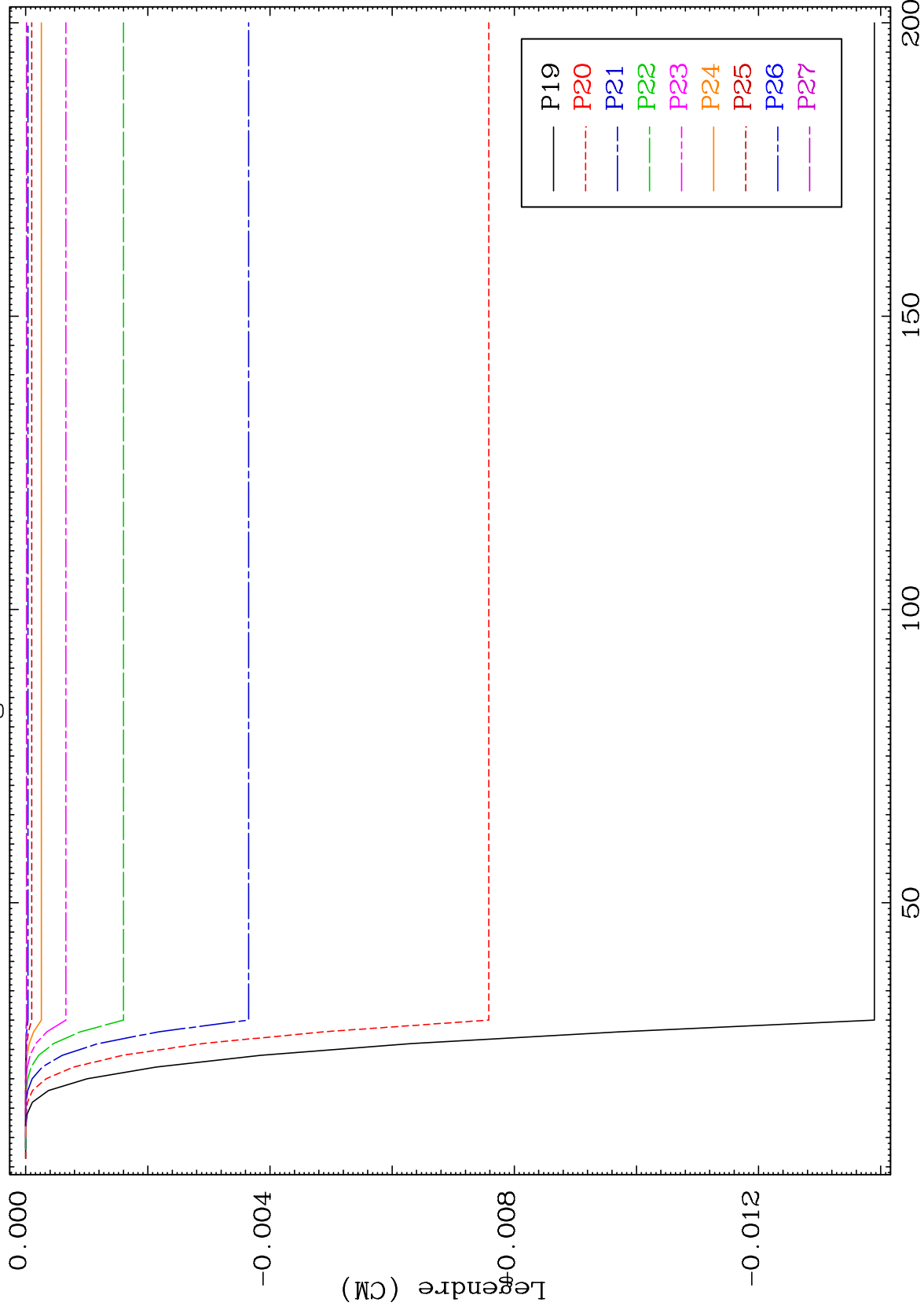
53-I -123

MAT 5313

MT= 76 (n,n') Level

53-I -123

Legendre Coefficients



109

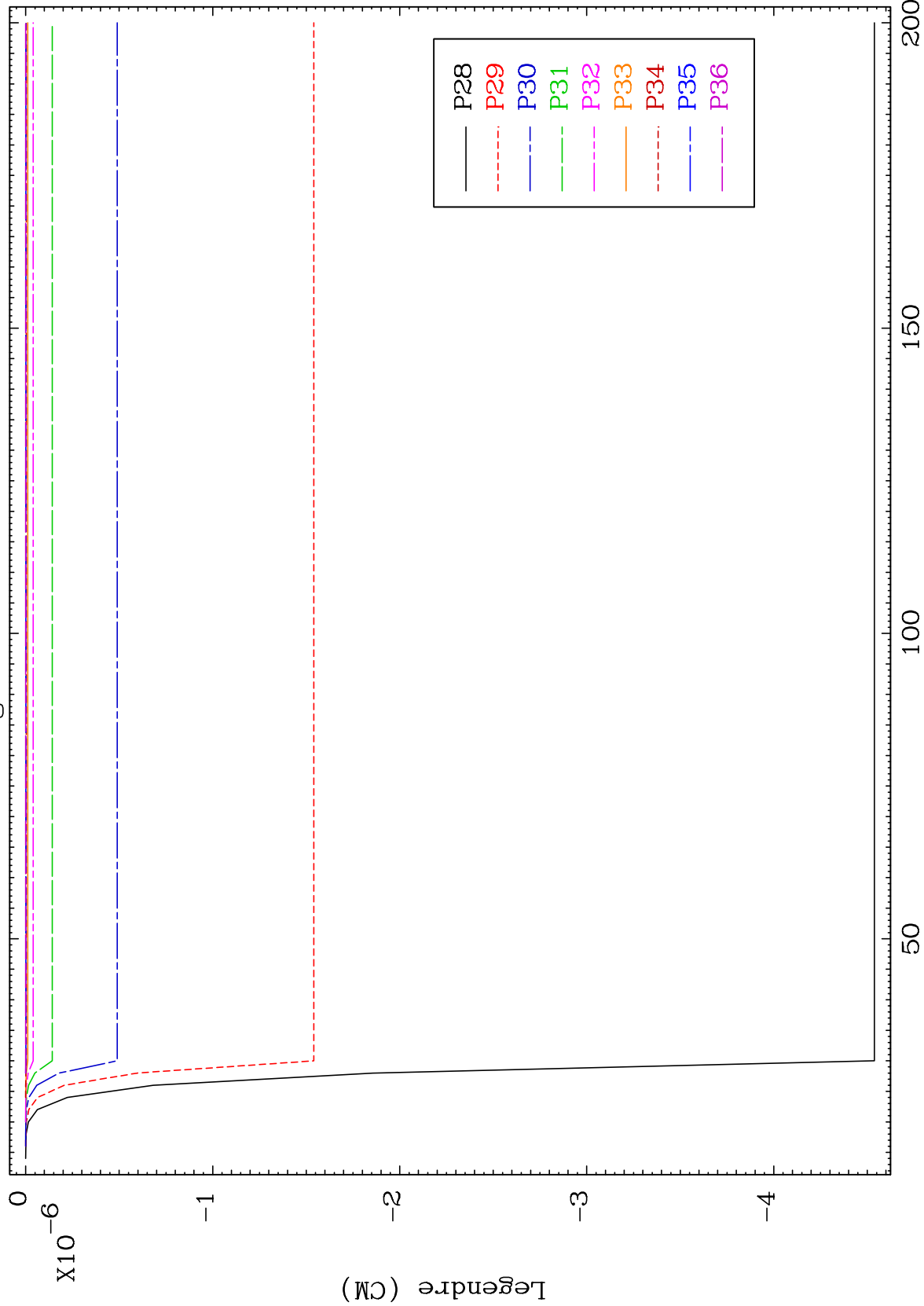
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



110

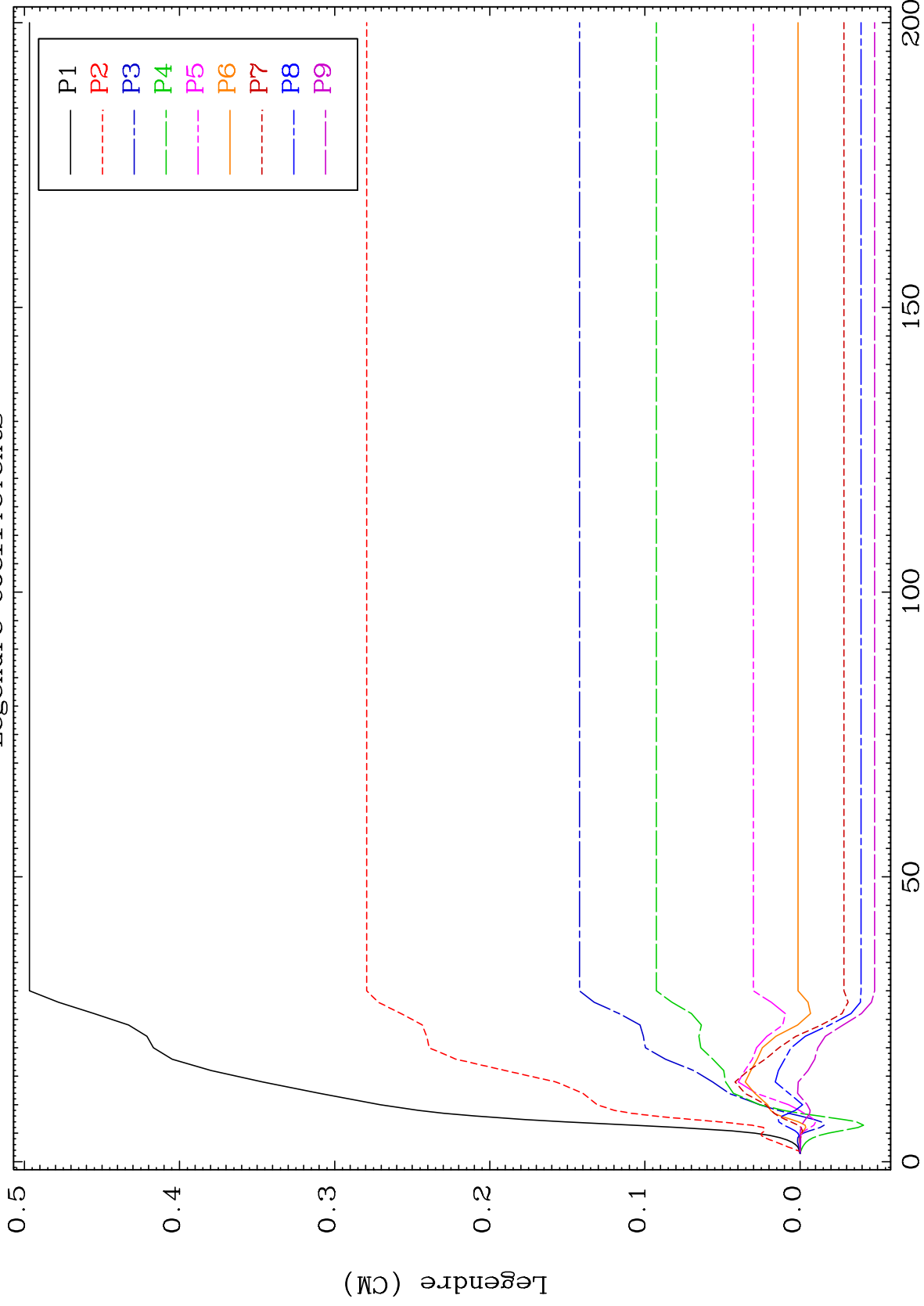
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



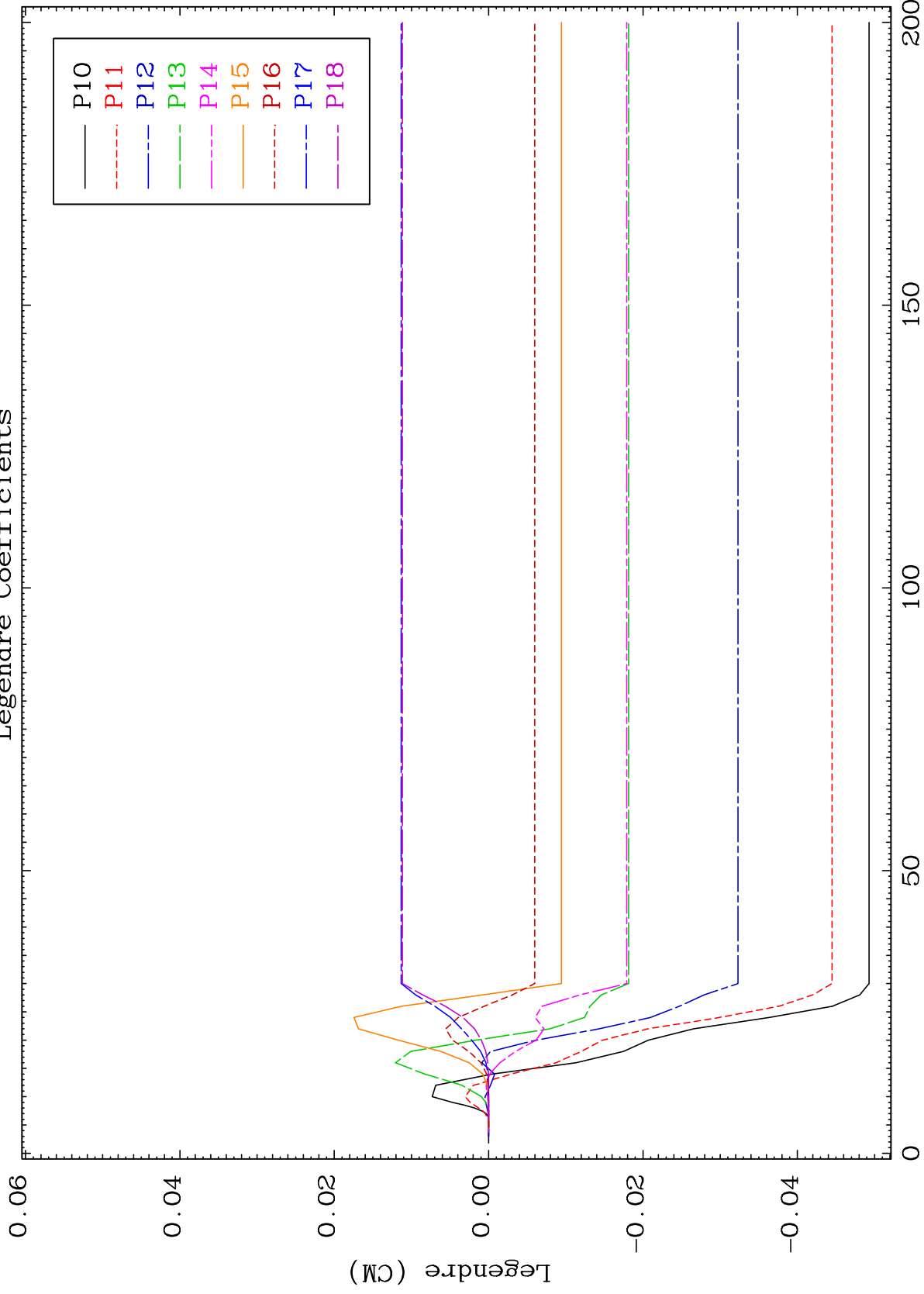
111

53-I -123

MAT 5313

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

53-I -123



112

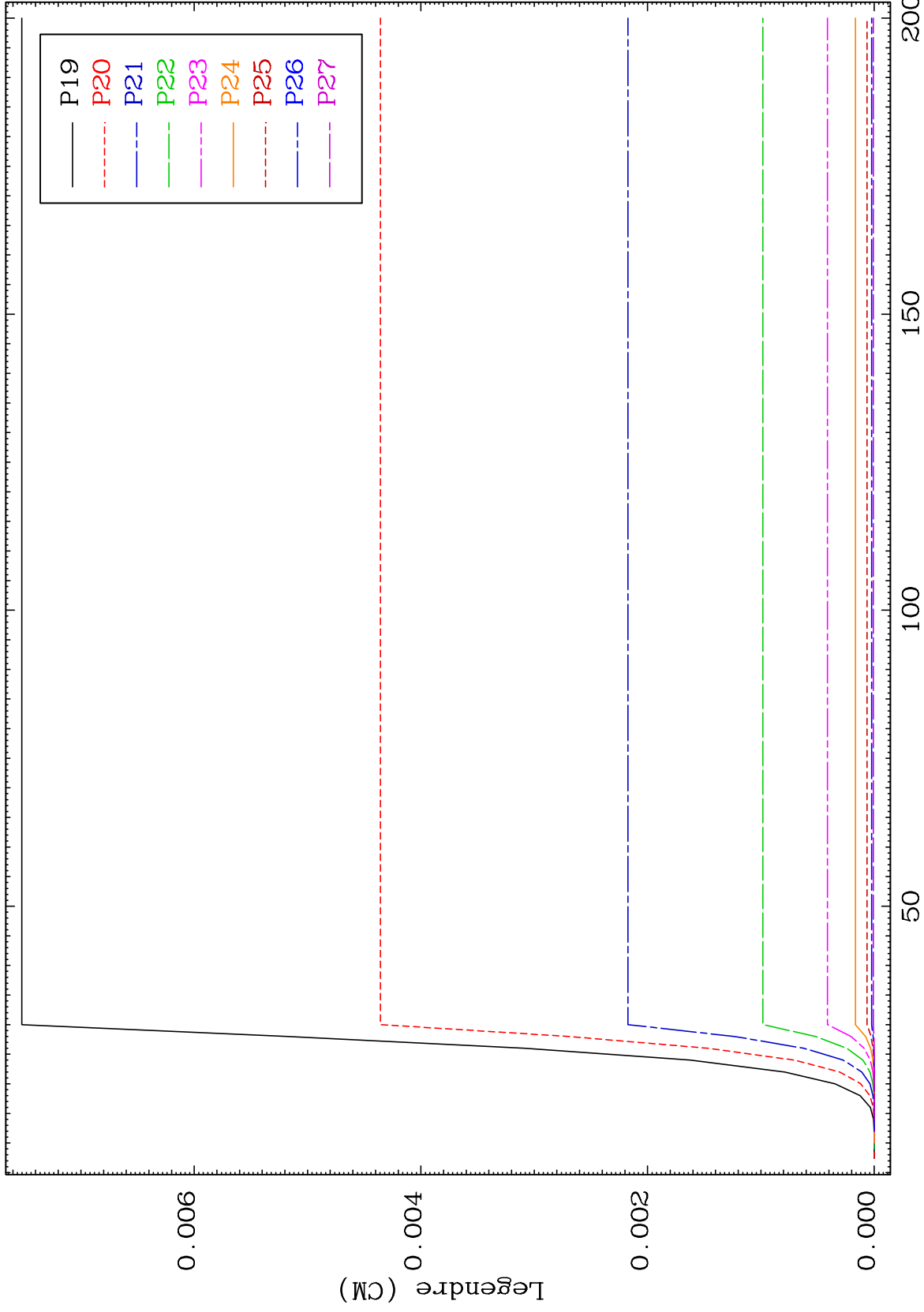
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



113

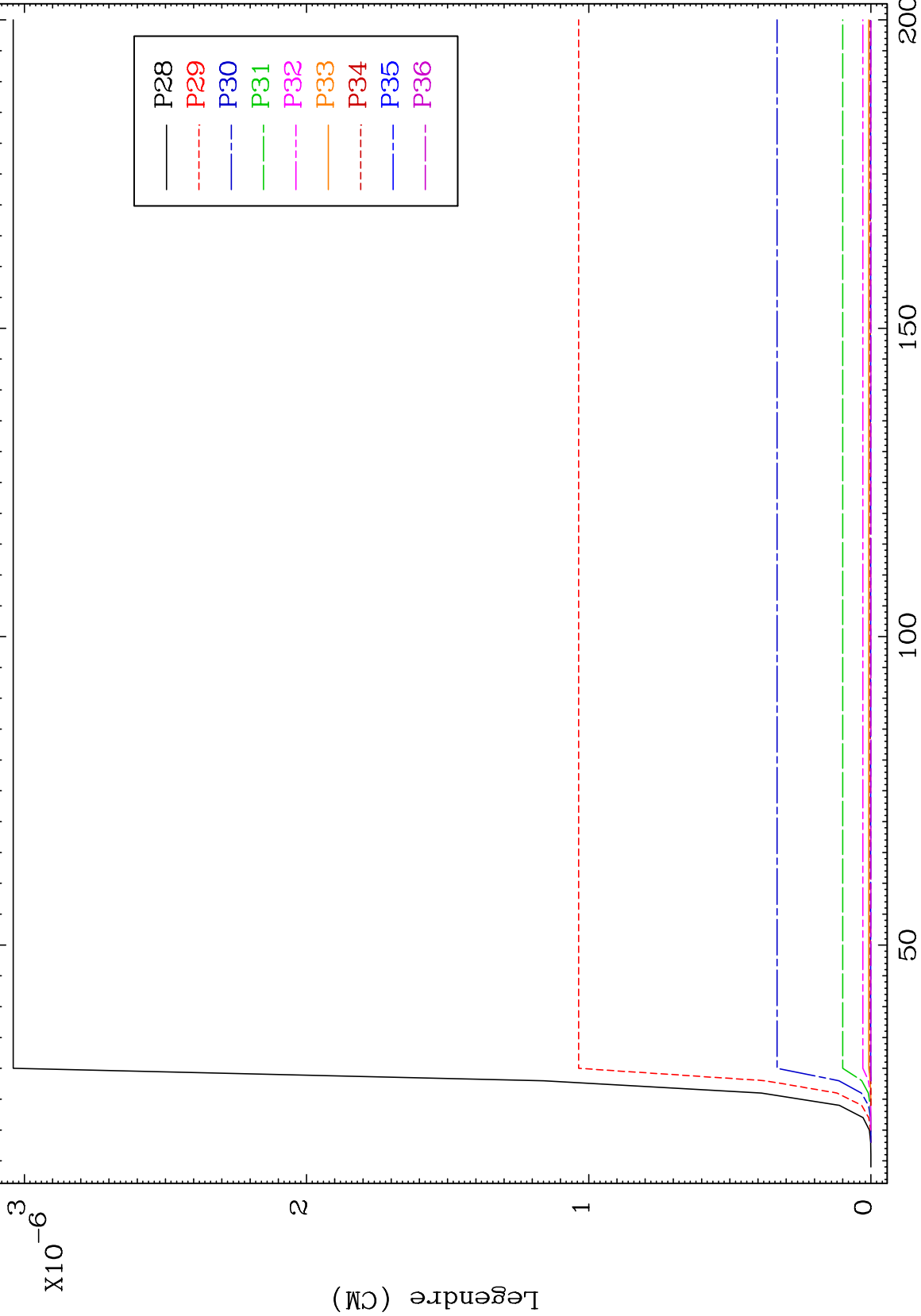
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



114

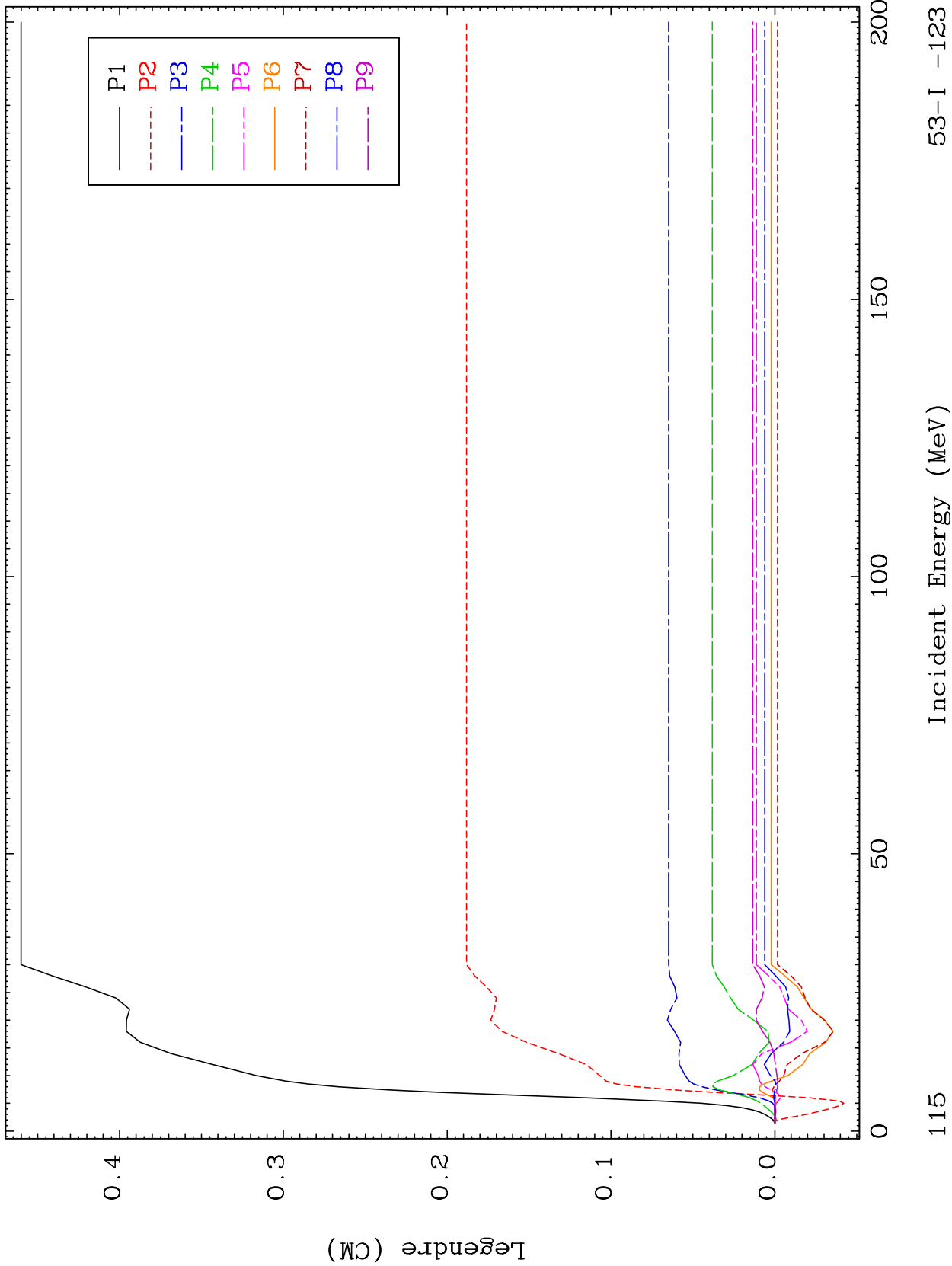
Incident Energy (MeV)

53-I -123

MAT 5313

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

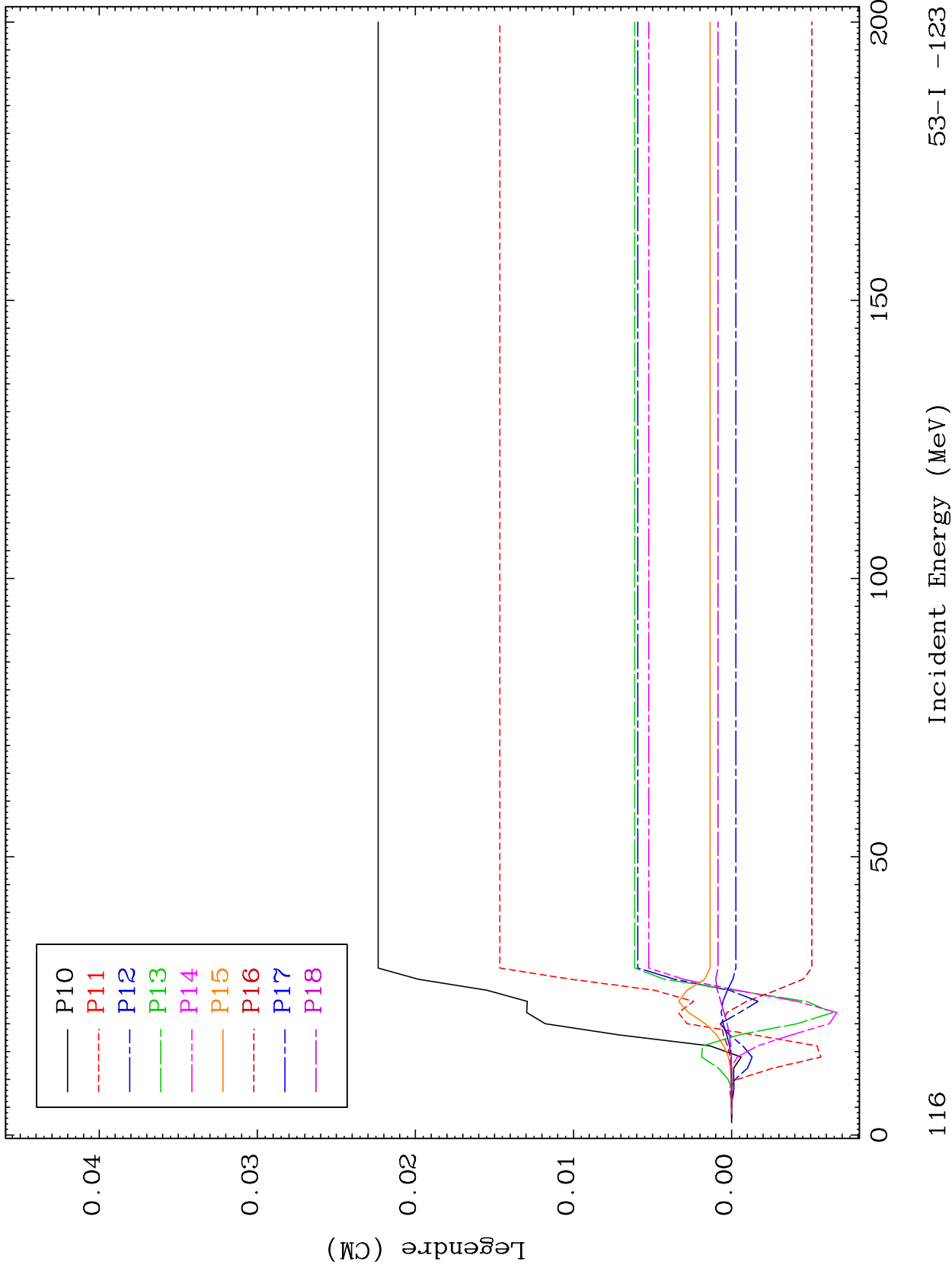
53-I -123

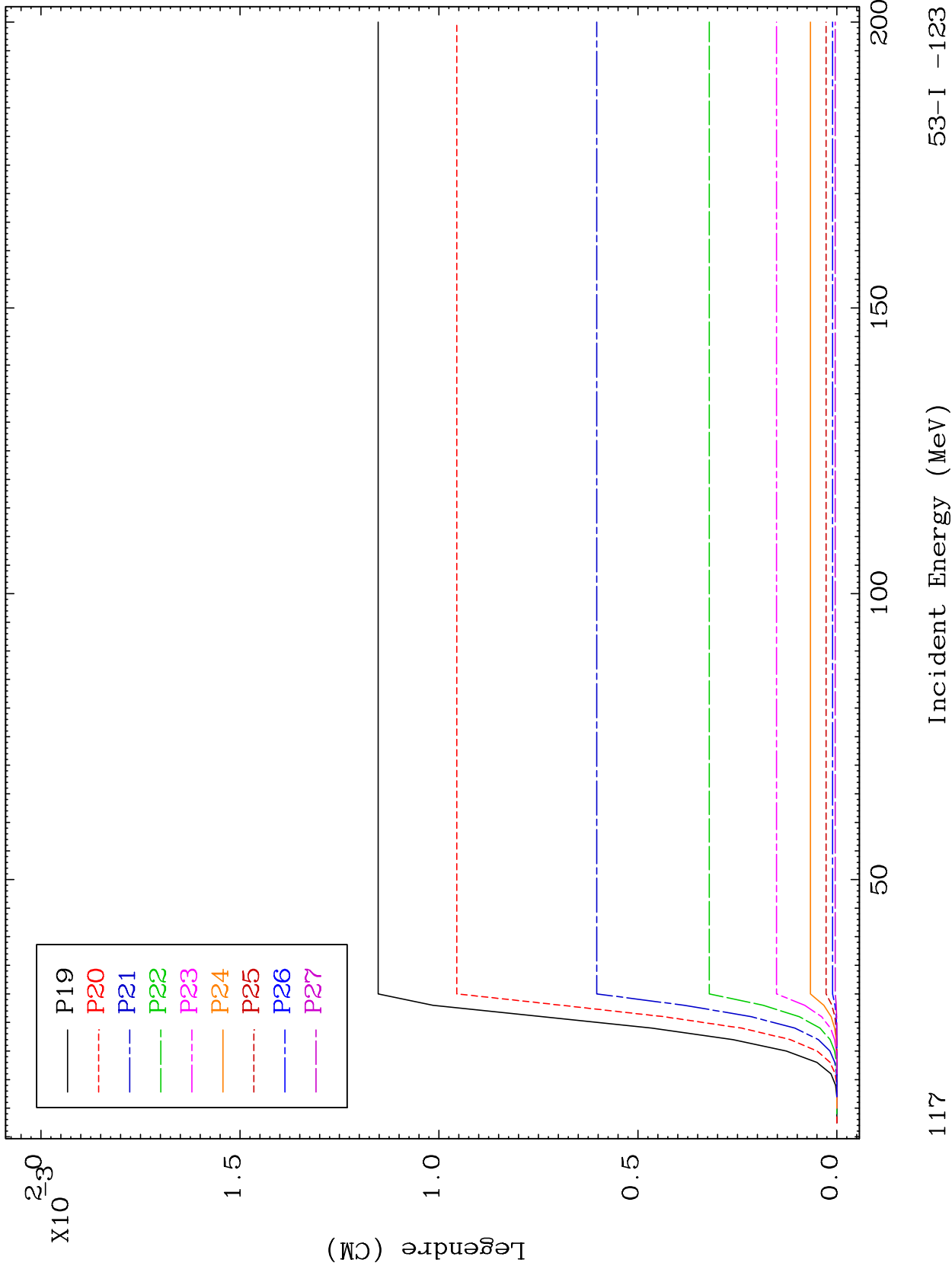


53-I -123

Incident Energy (MeV)

115

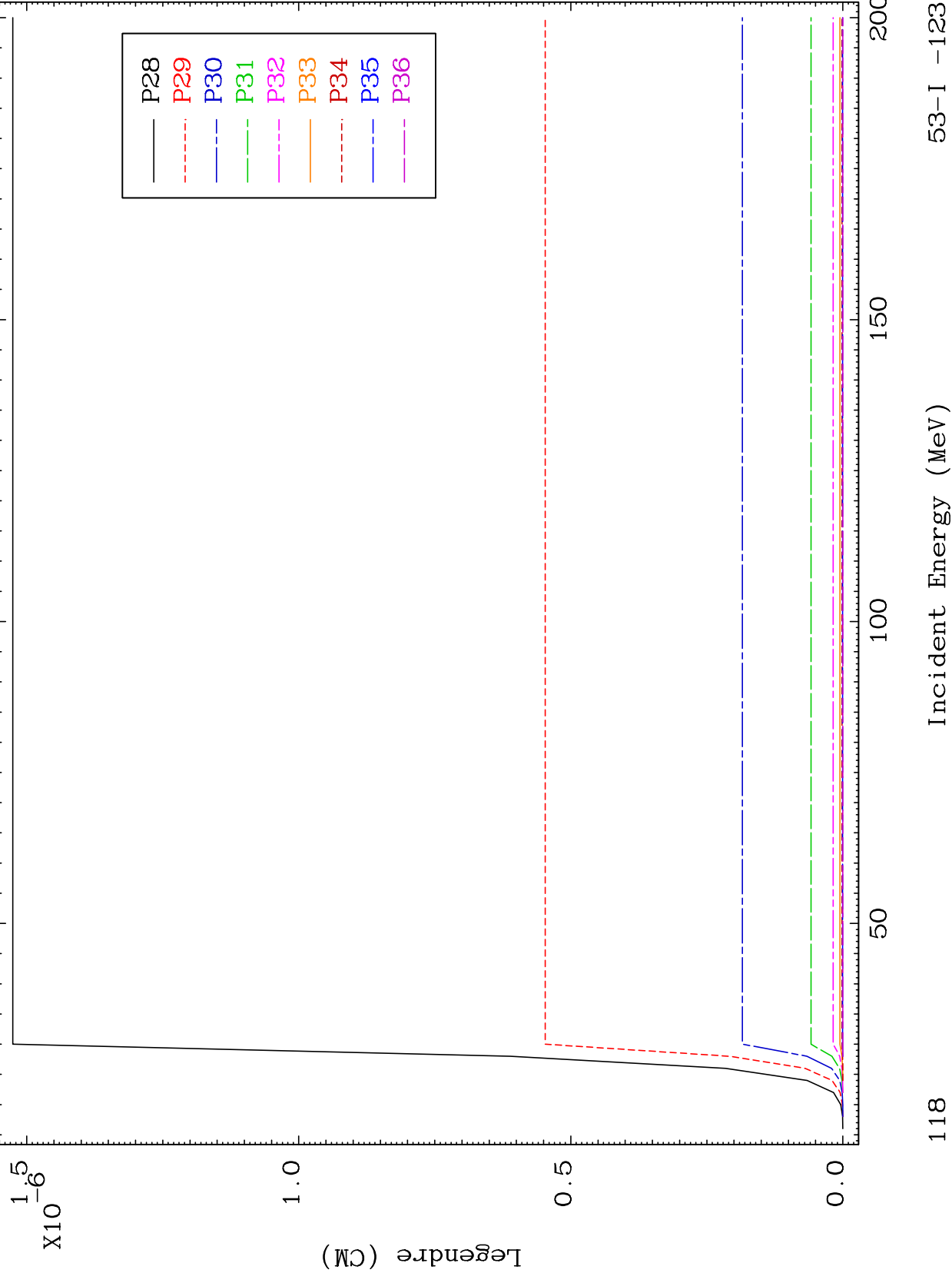




MAT 5313

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

53-I -123



118

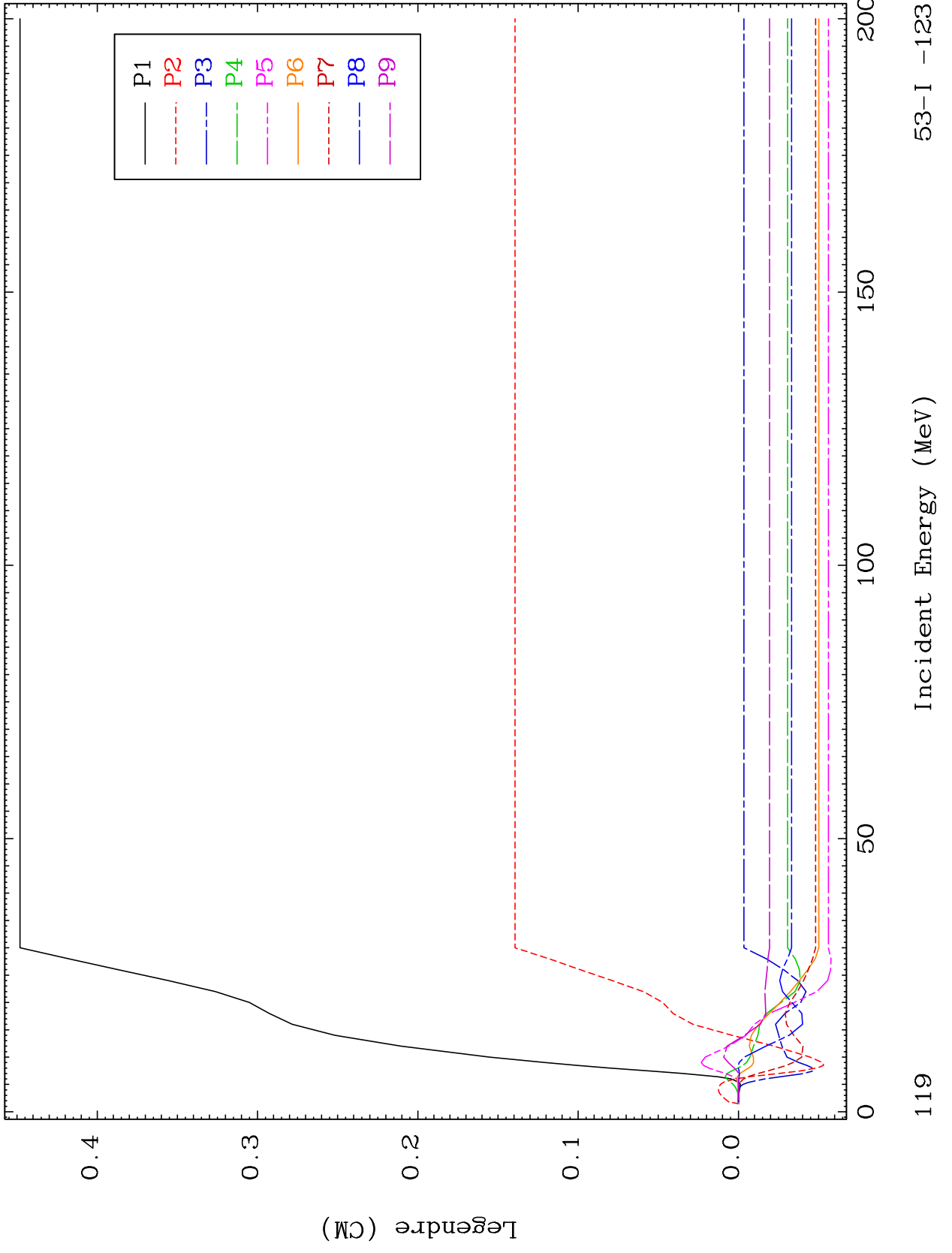
Incident Energy (MeV)

53-I -123

MAT 5313

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

53-I -123



53-I -123

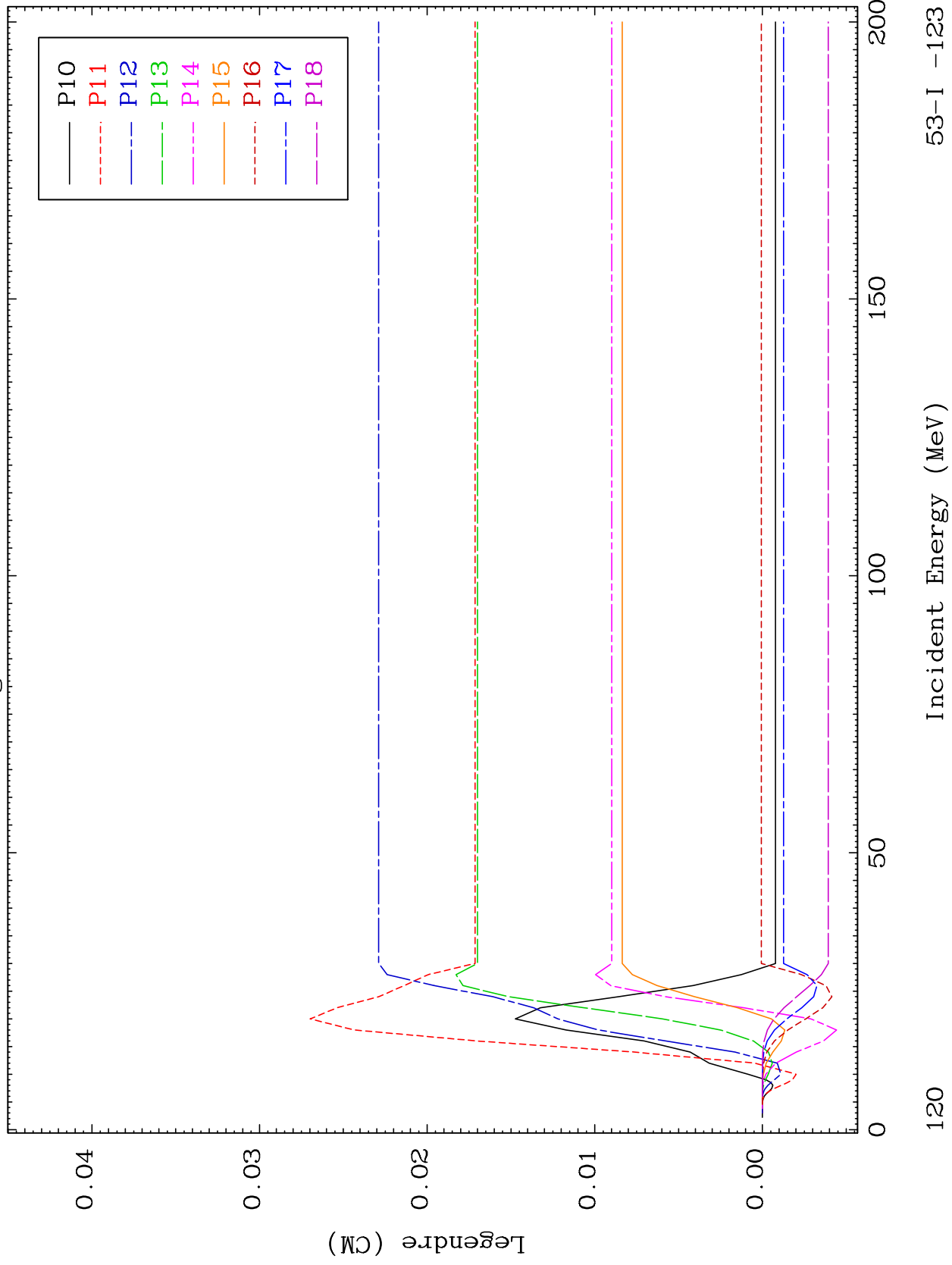
Incident Energy (MeV)

119

MAT 5313

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

53-I -123

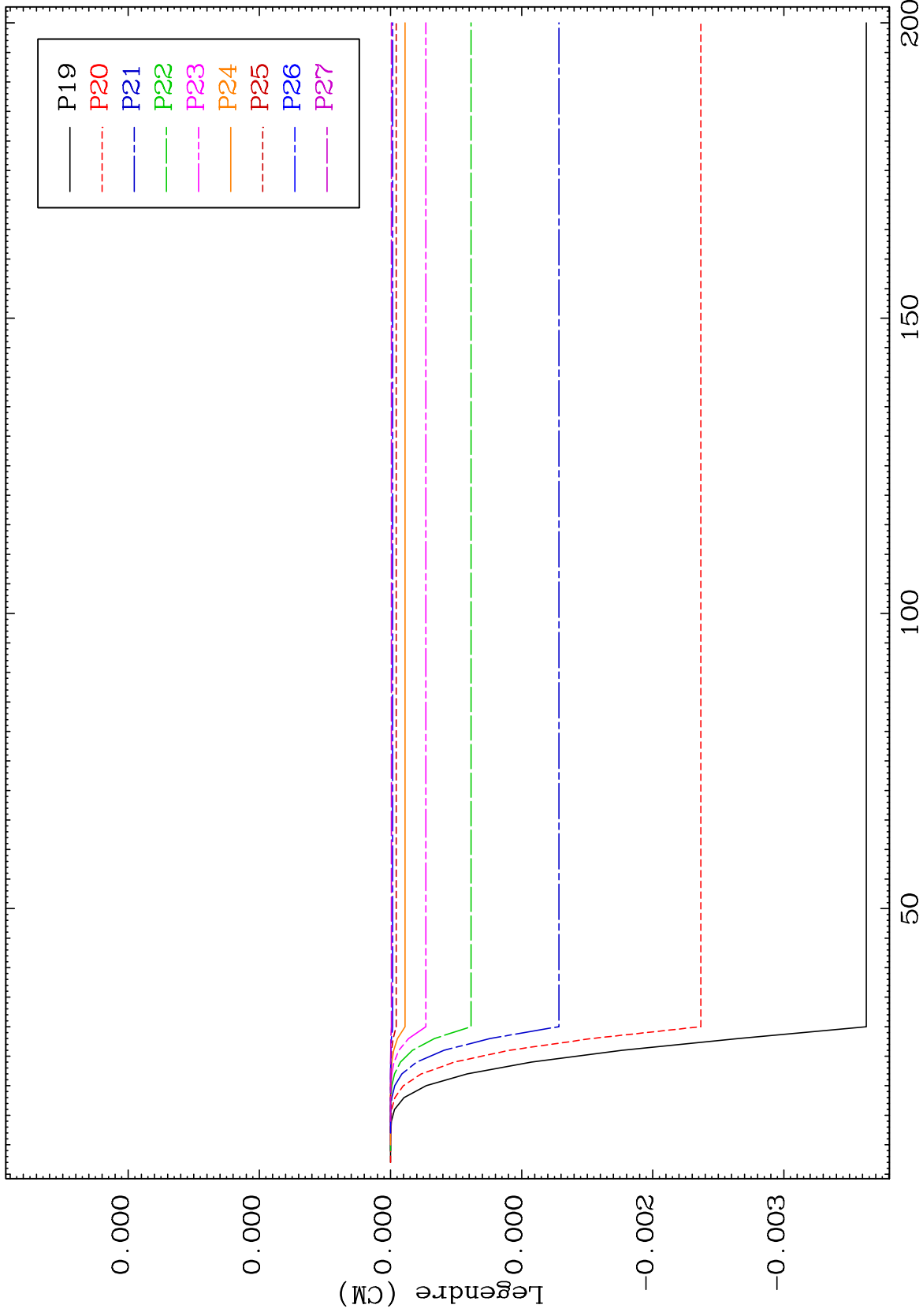


53-I -123

MAT 5313

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

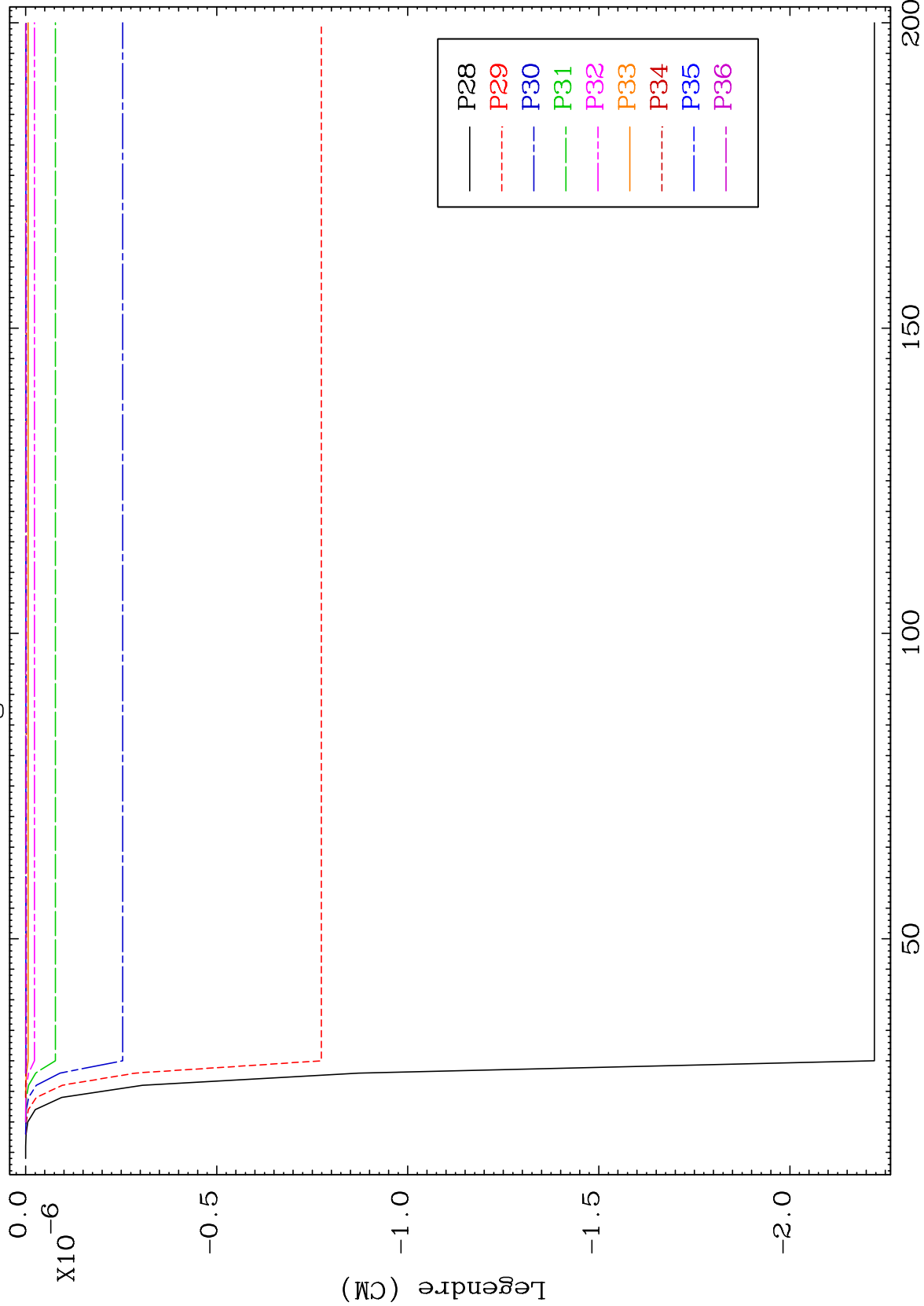
53-I -123



121

Incident Energy (MeV)

53-I -123

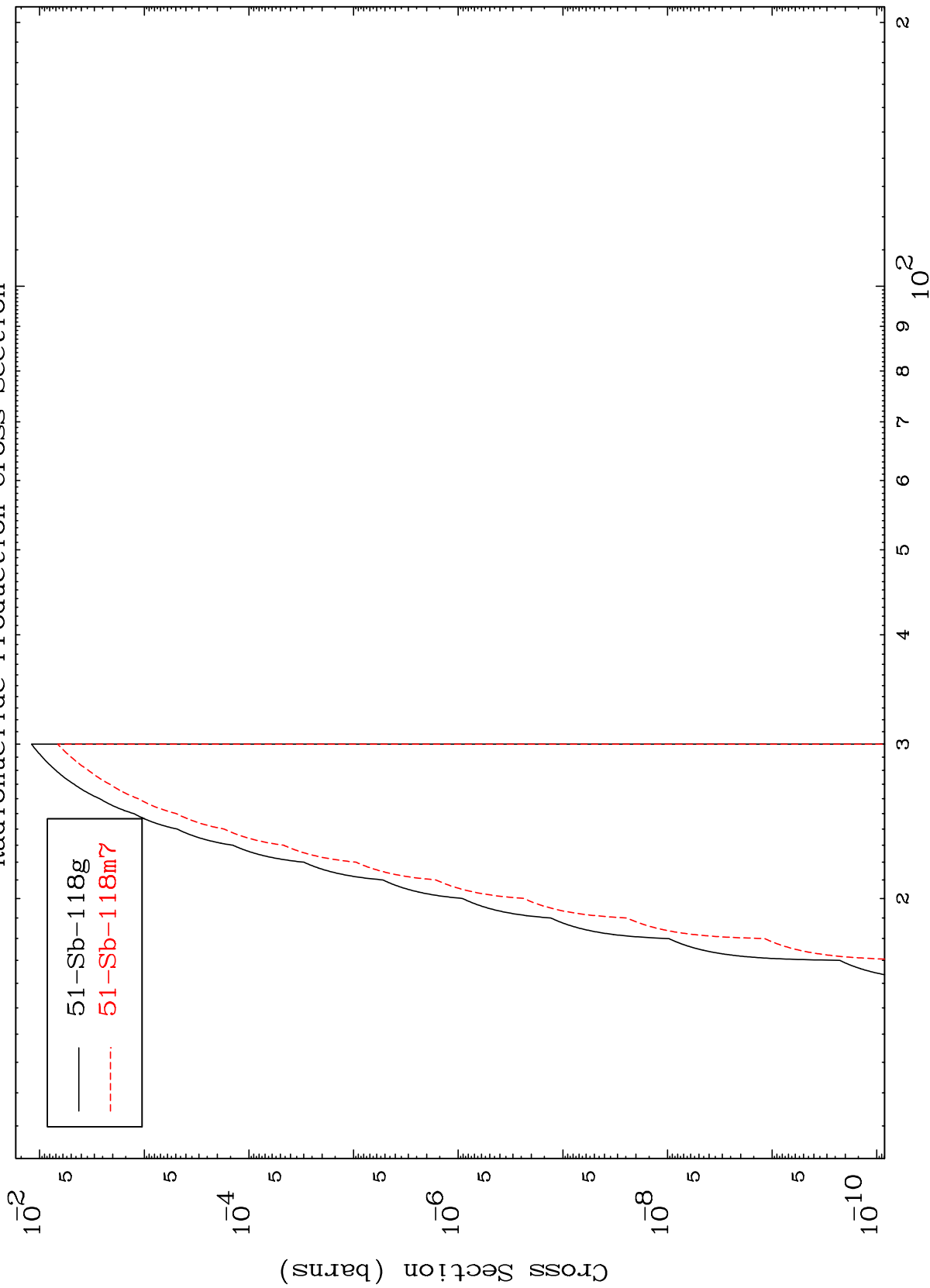


MAT 5313

(n,2n) α

53-I -123

Radionuclide Production Cross Section

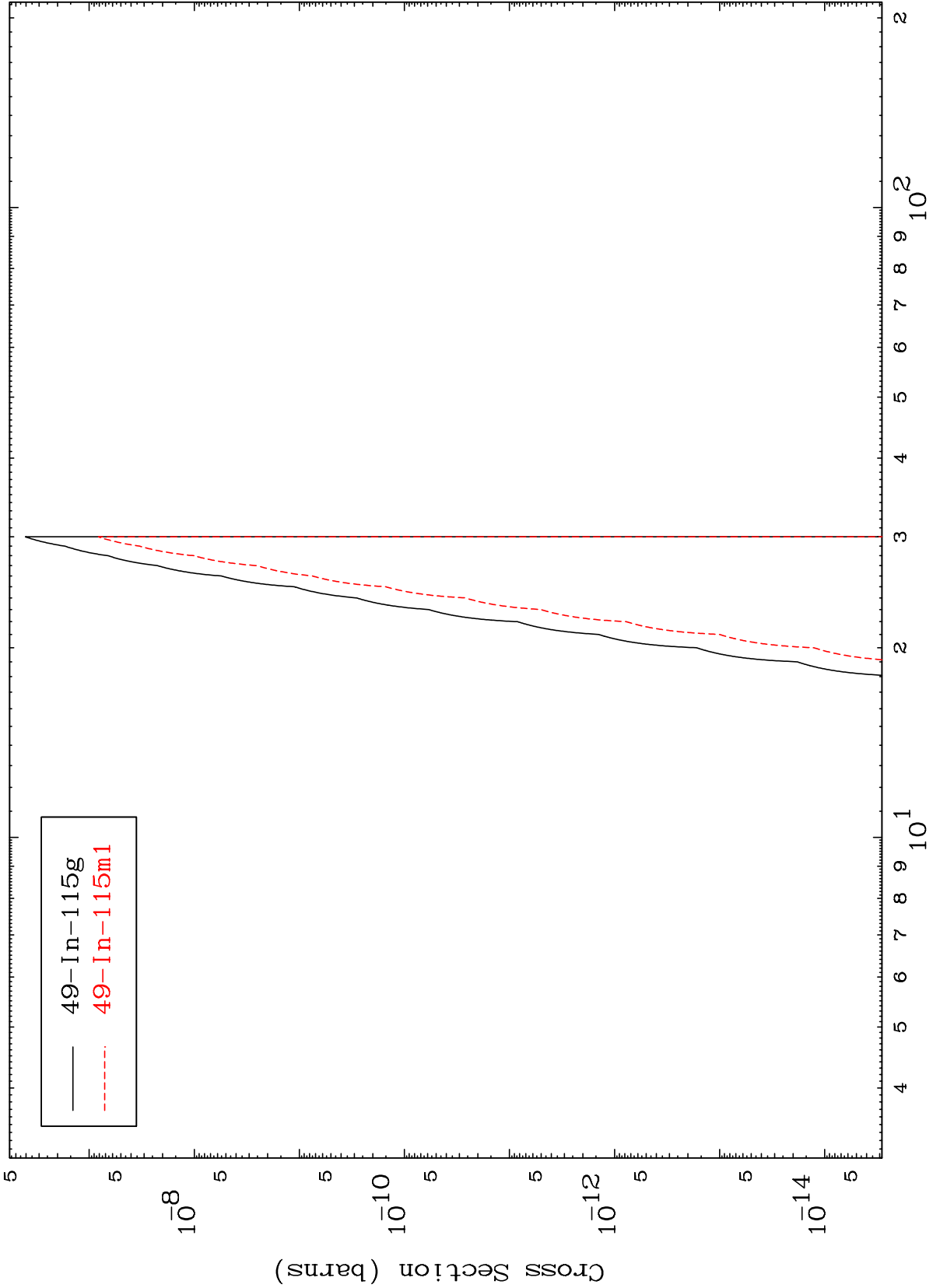


123

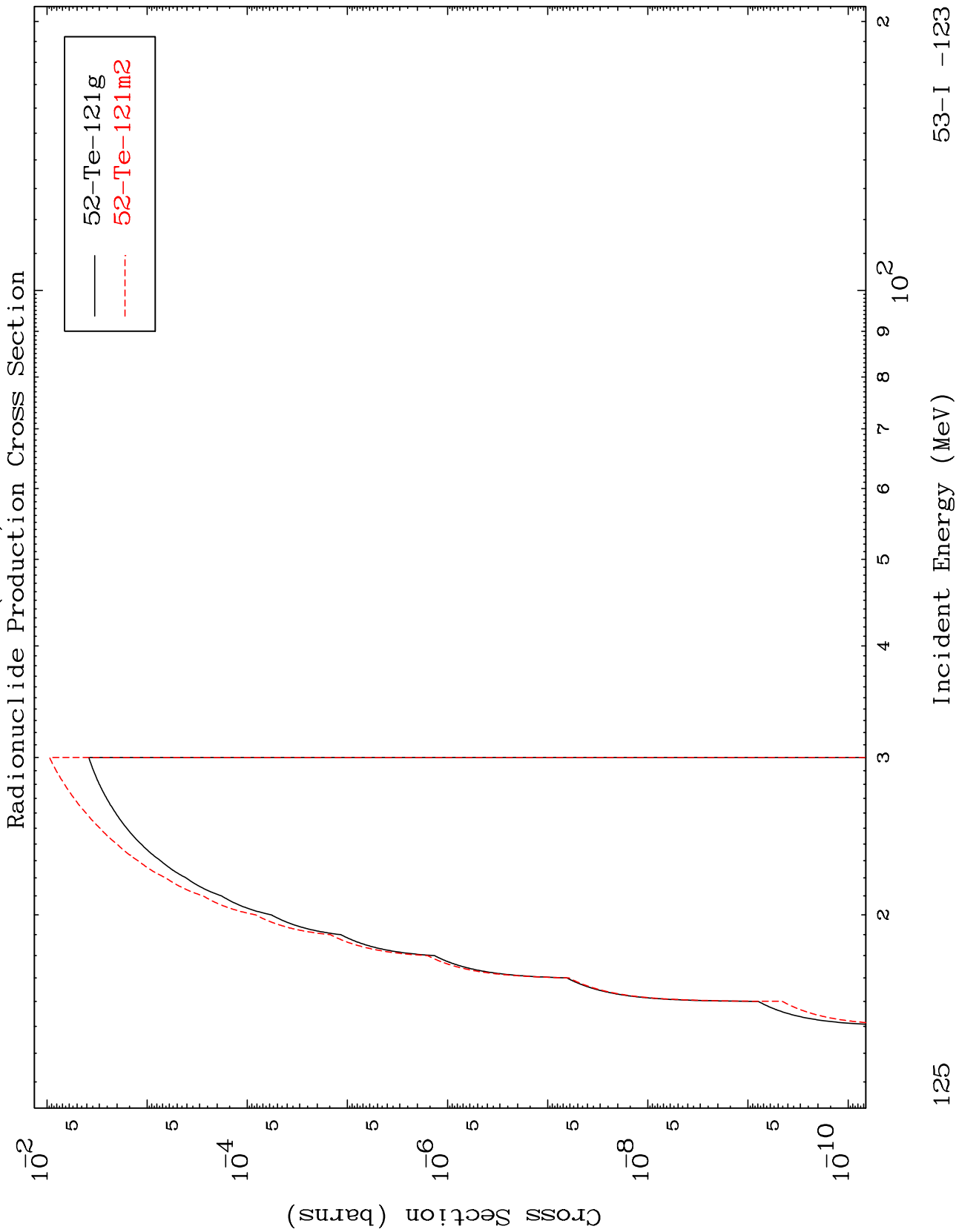
Incident Energy (MeV)

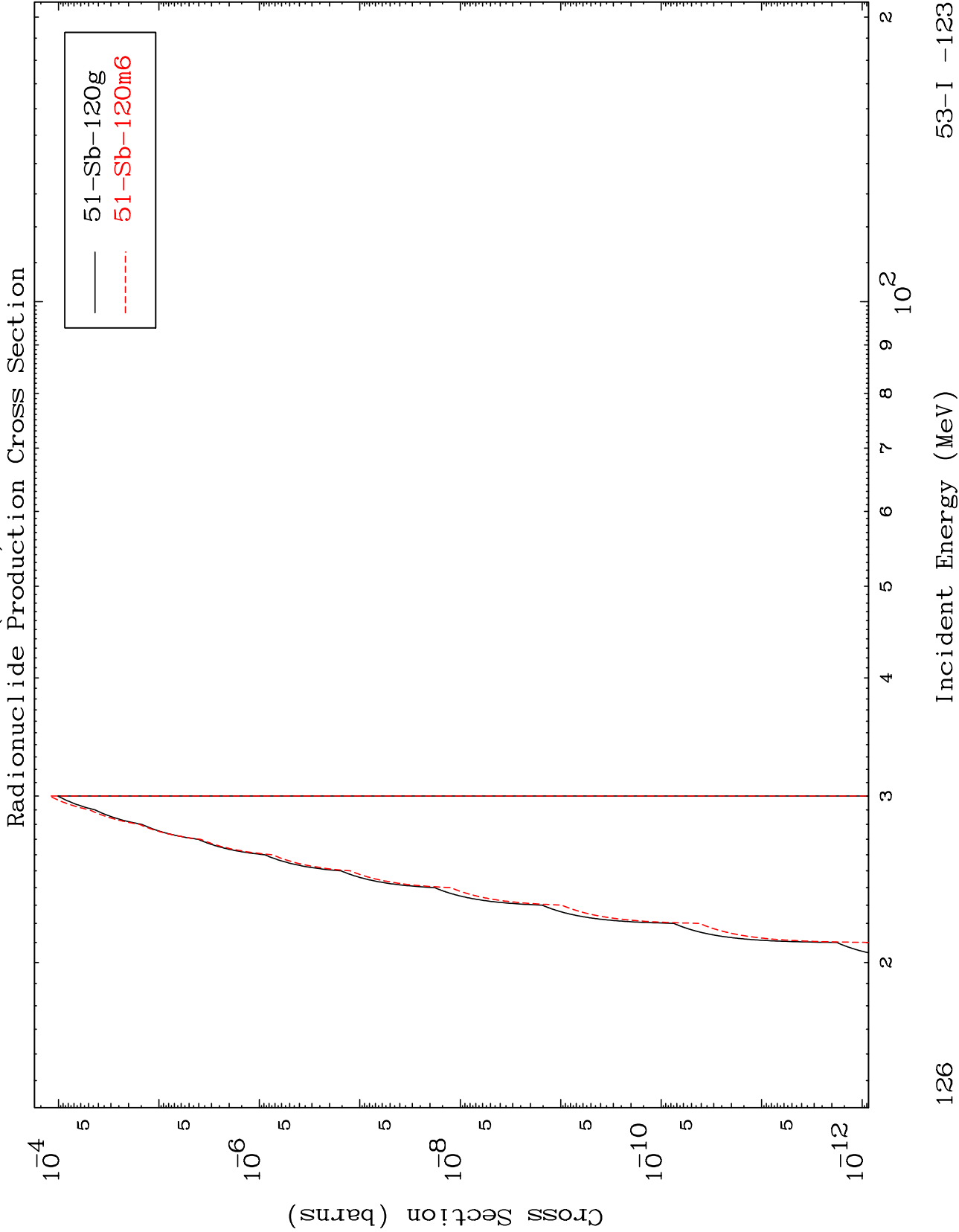
53-I -123

Radionuclide Production Cross Section



— 49-In-115g
- - - 49-In-115m1

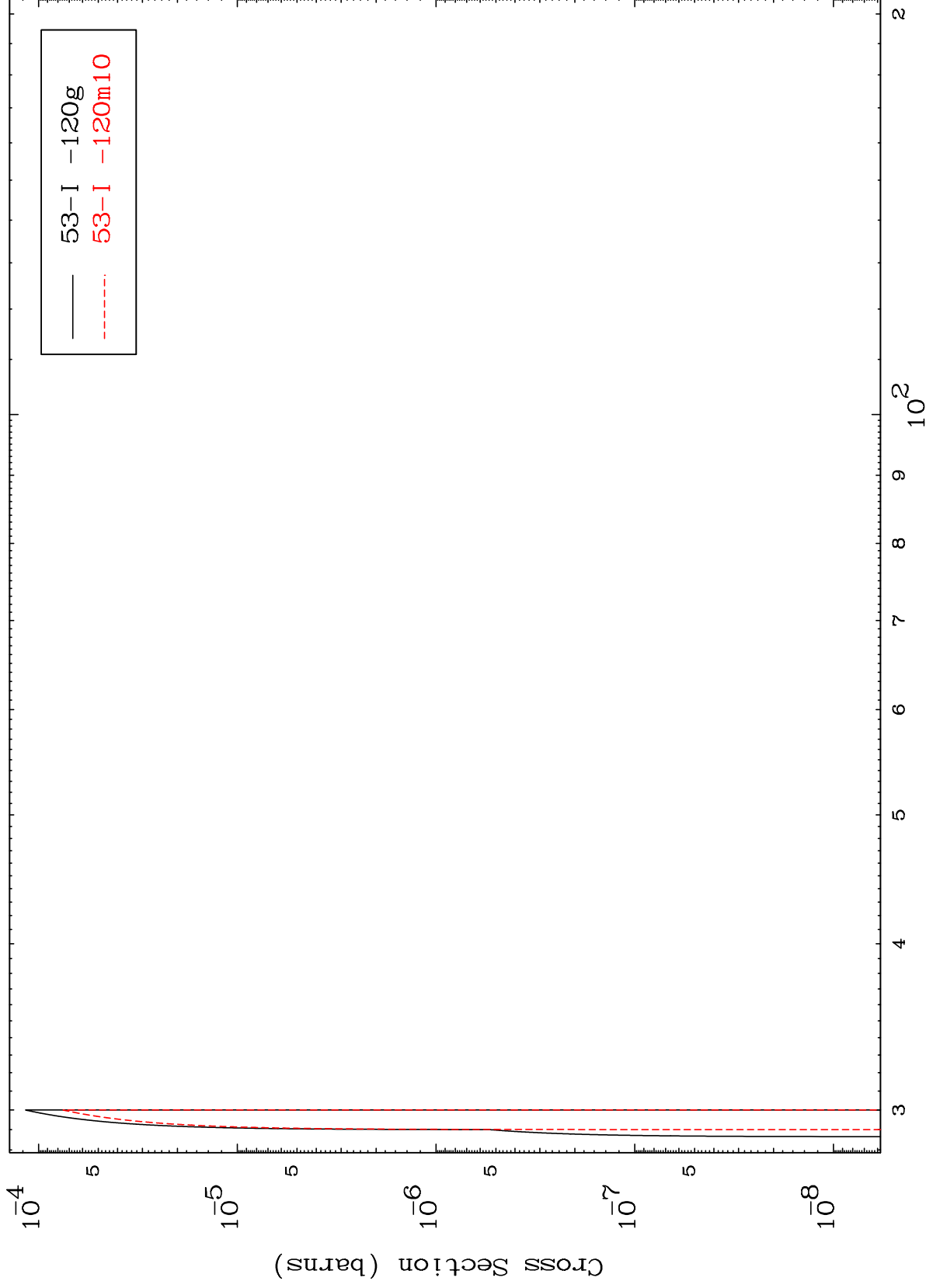




MAT 5313

53-I -123

(n,4n)
Radionuclide Production Cross Section

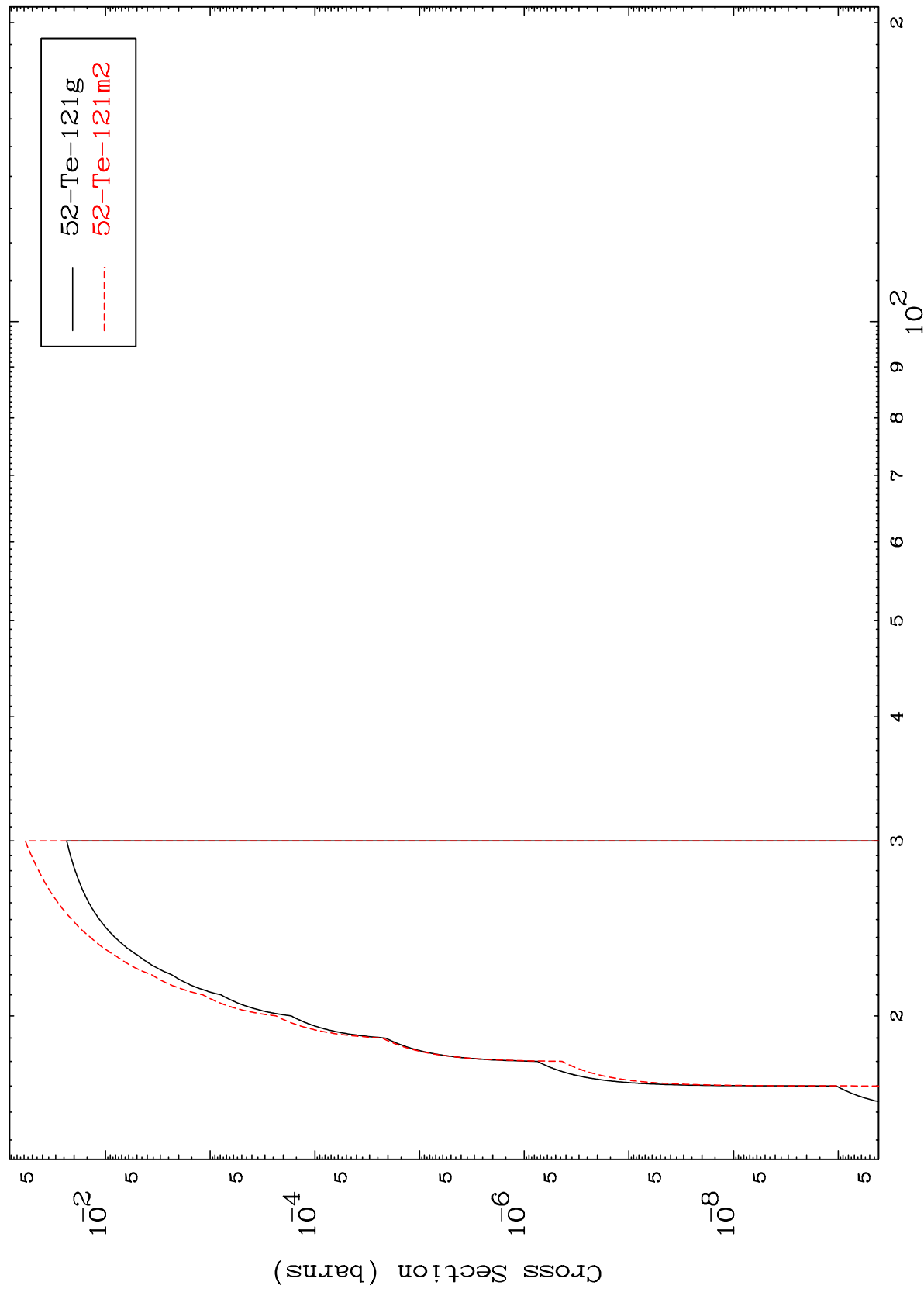


127

53-I -123

Incident Energy (MeV)

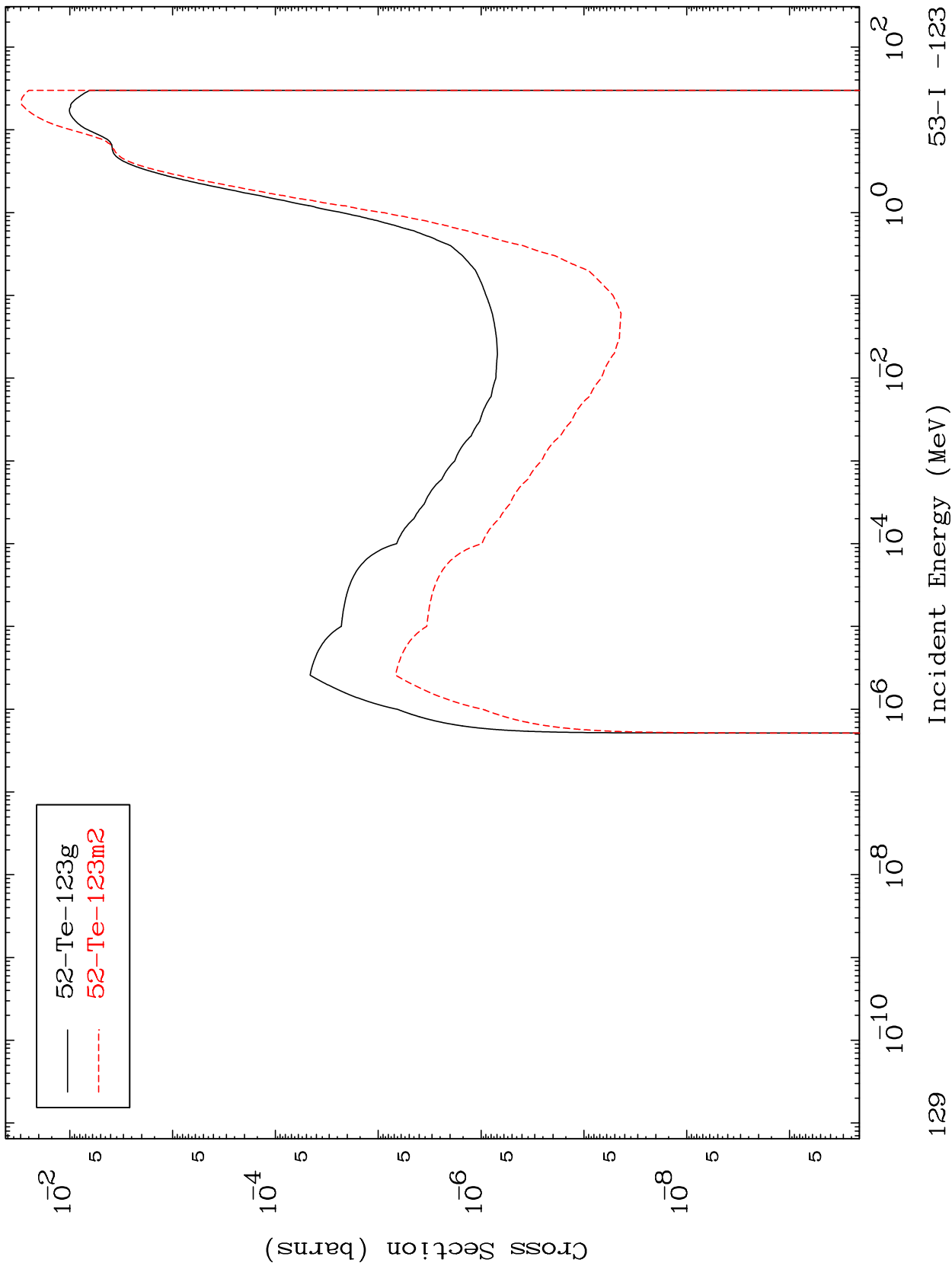
Radionuclide Production Cross Section



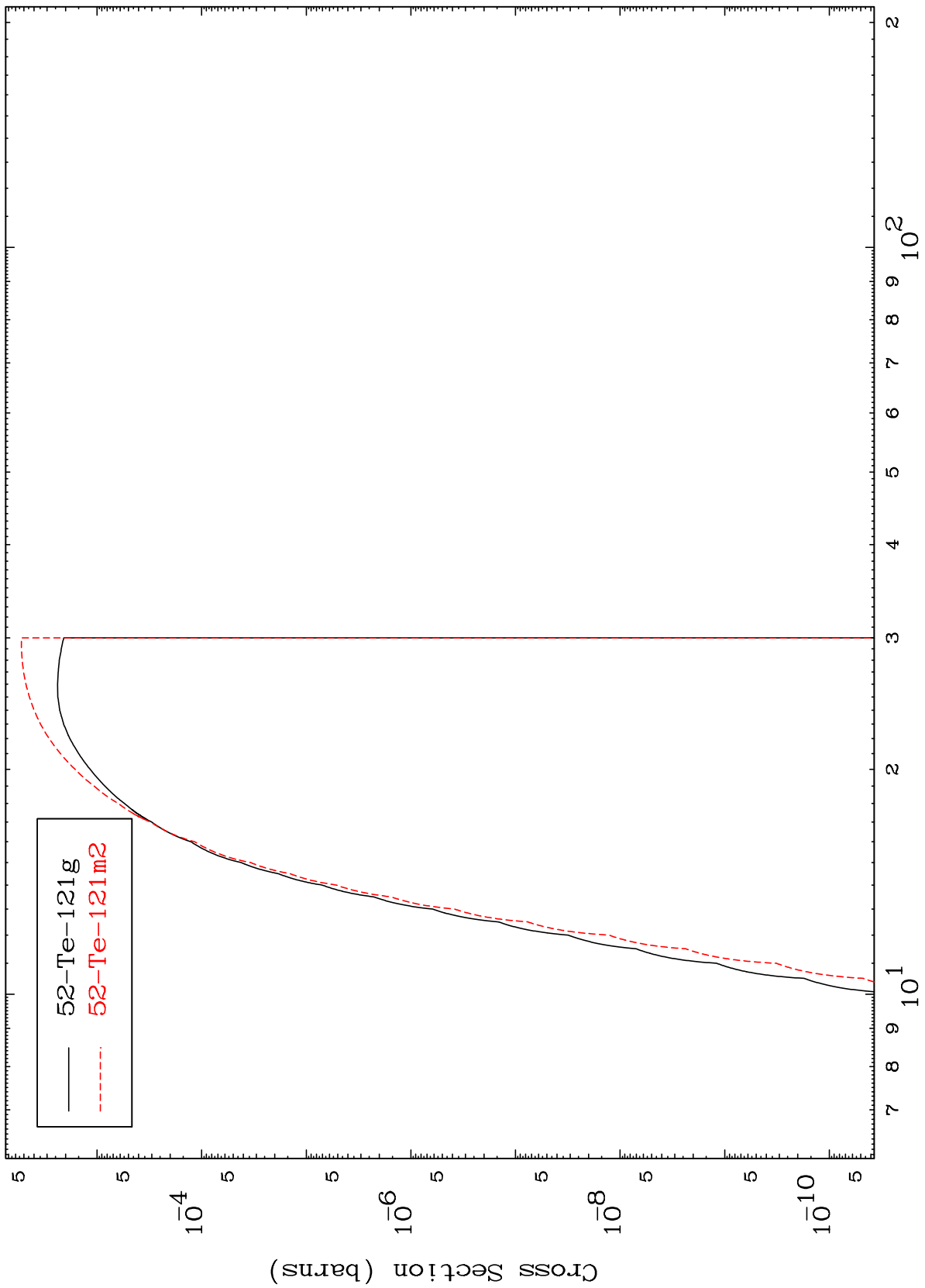
MAT 5313

53-I -123

(n,p)
Radionuclide Production Cross Section



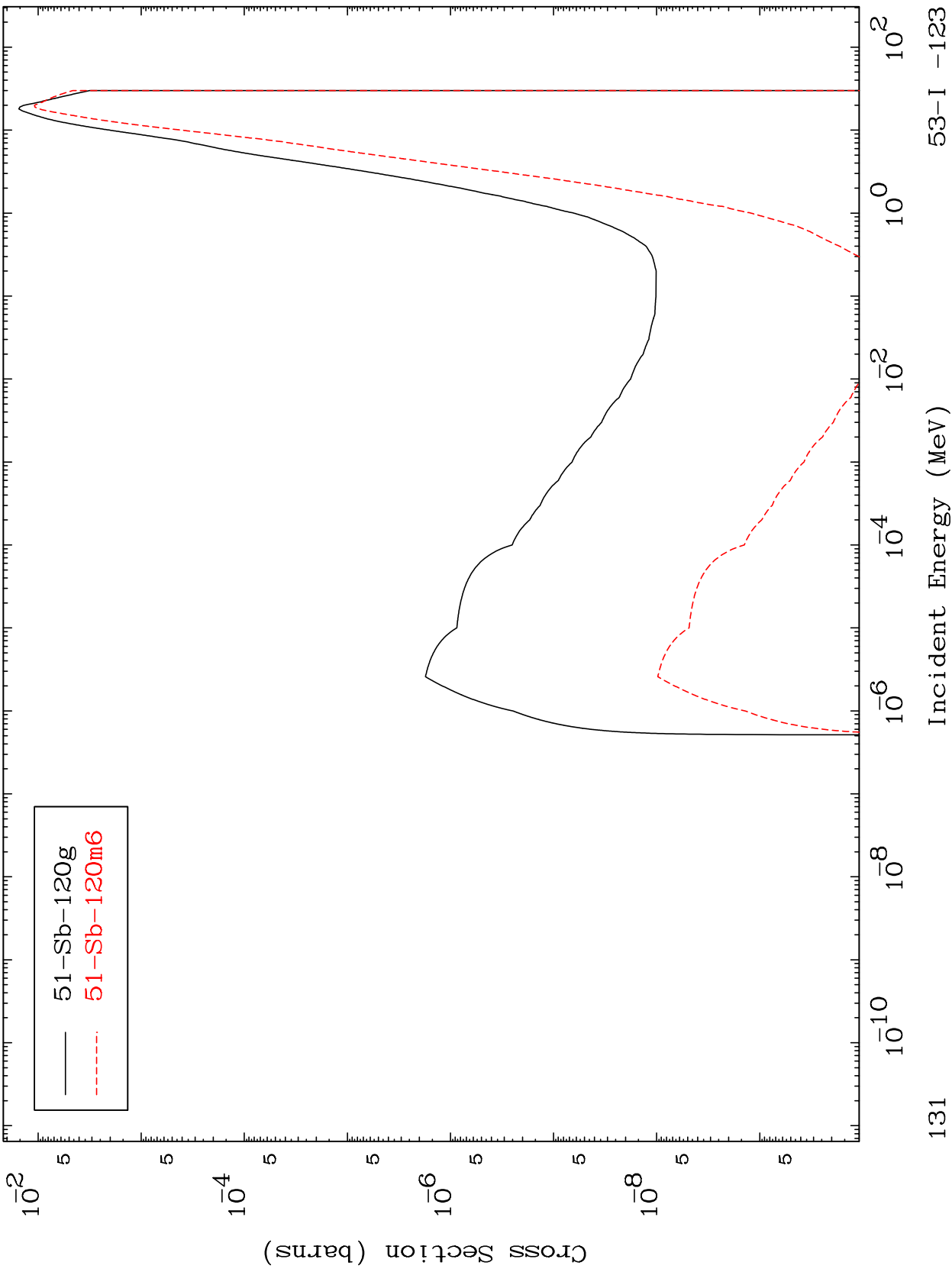
(n,t)
Radionuclide Production Cross Section



MAT 5313

53-I -123

Radionuclide Production Cross Section (n,α)



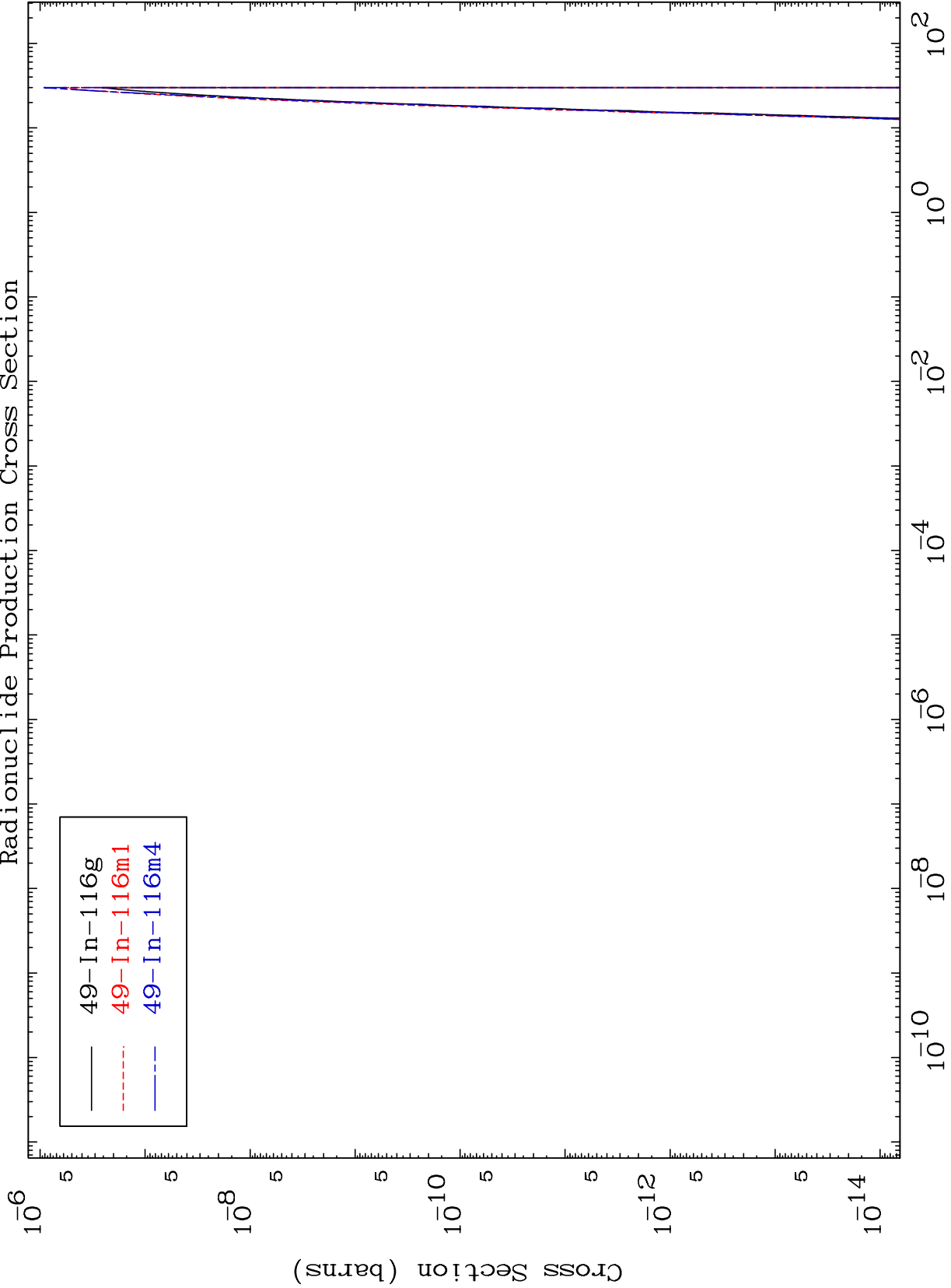
— 51-Sb-120g
- - - 51-Sb-120m6

MAT 5313

(n,2α)

53-I -123

Radionuclide Production Cross Section

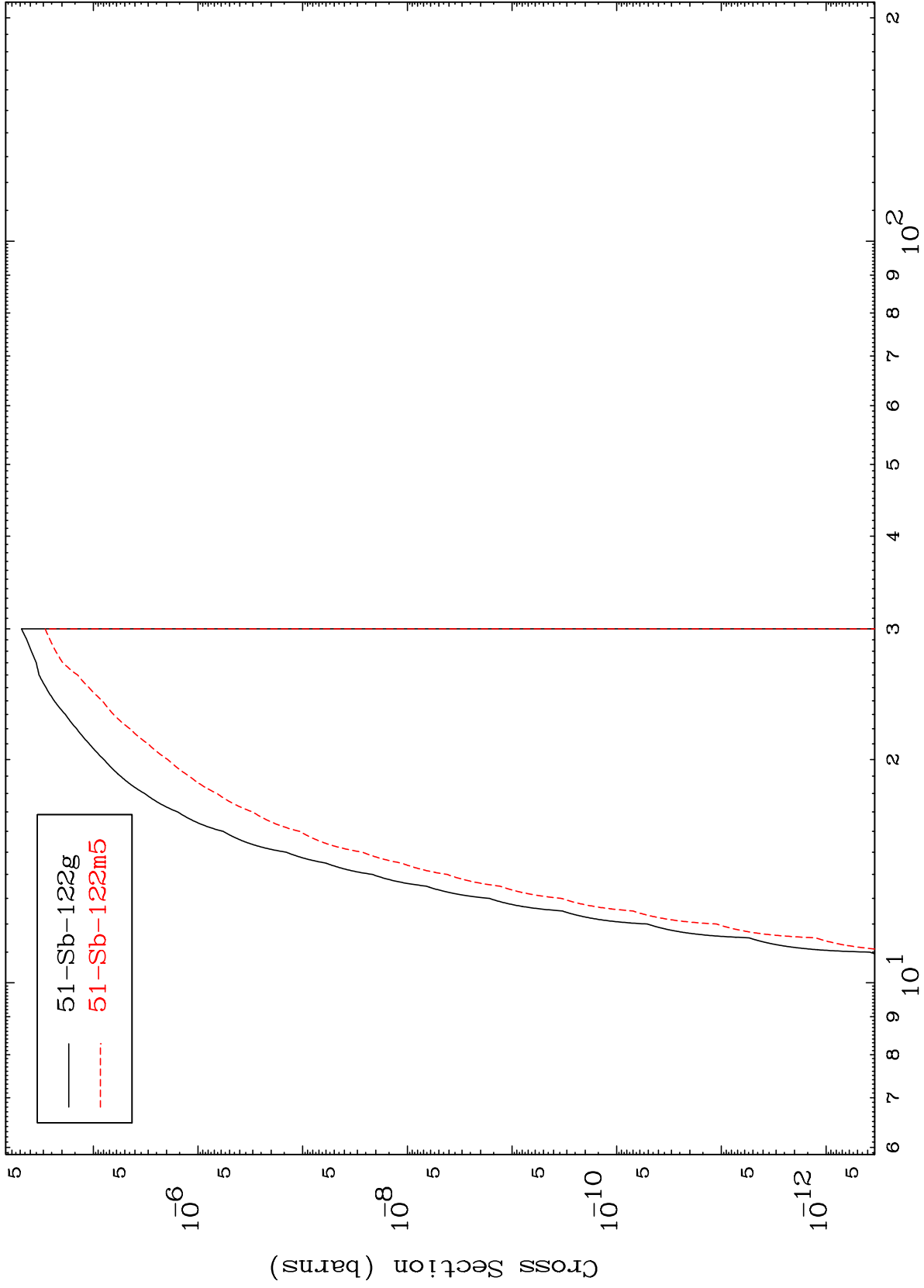


132

Incident Energy (MeV)

53-I -123

(n,2p)
Radionuclide Production Cross Section



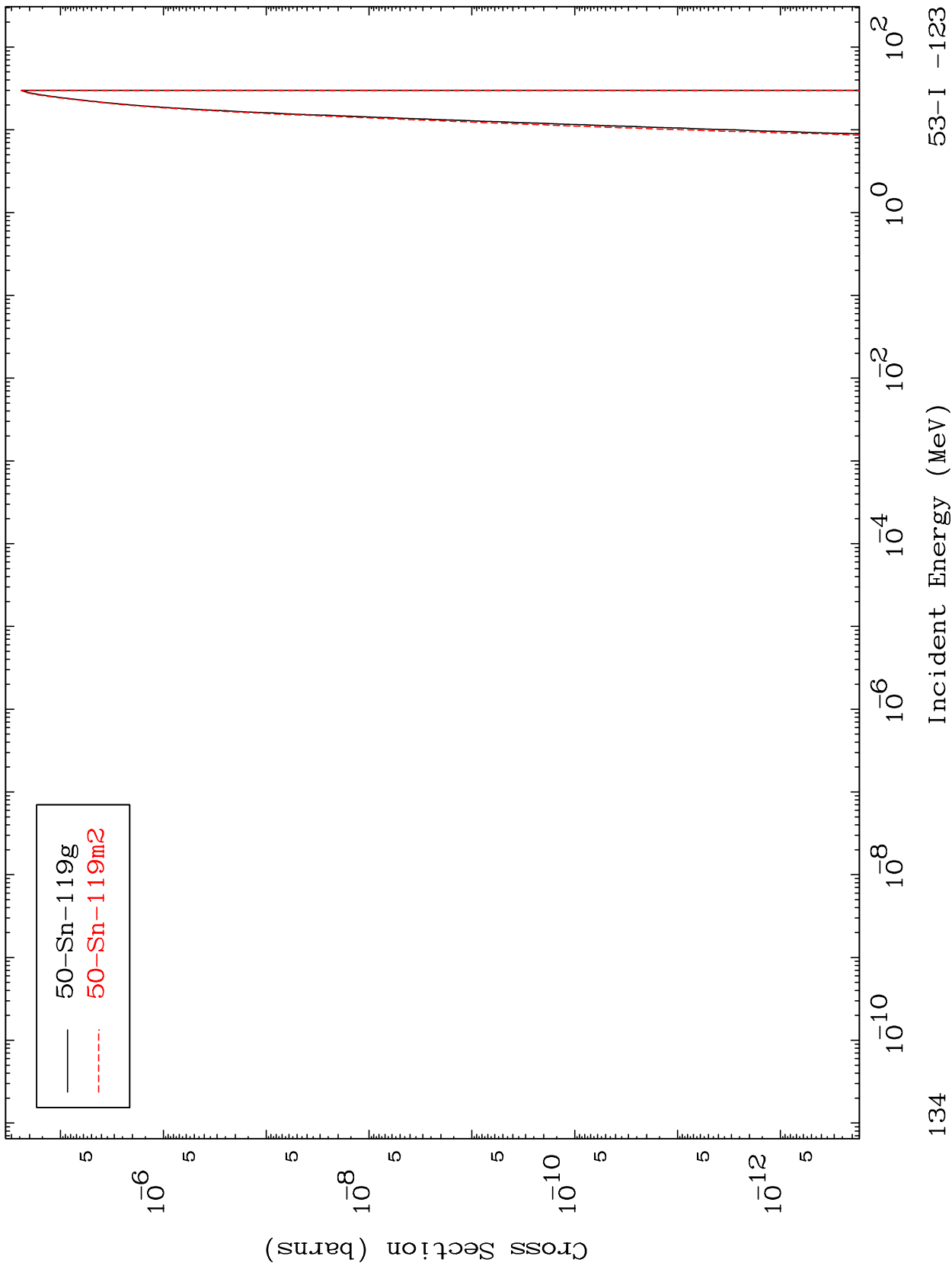
51-Sb-122g
51-Sb-122m5

MAT 5313

(n,p) α

53-I -123

Radionuclide Production Cross Section



134

Incident Energy (MeV)

53-I -123

Radionuclide Production Cross Section

