

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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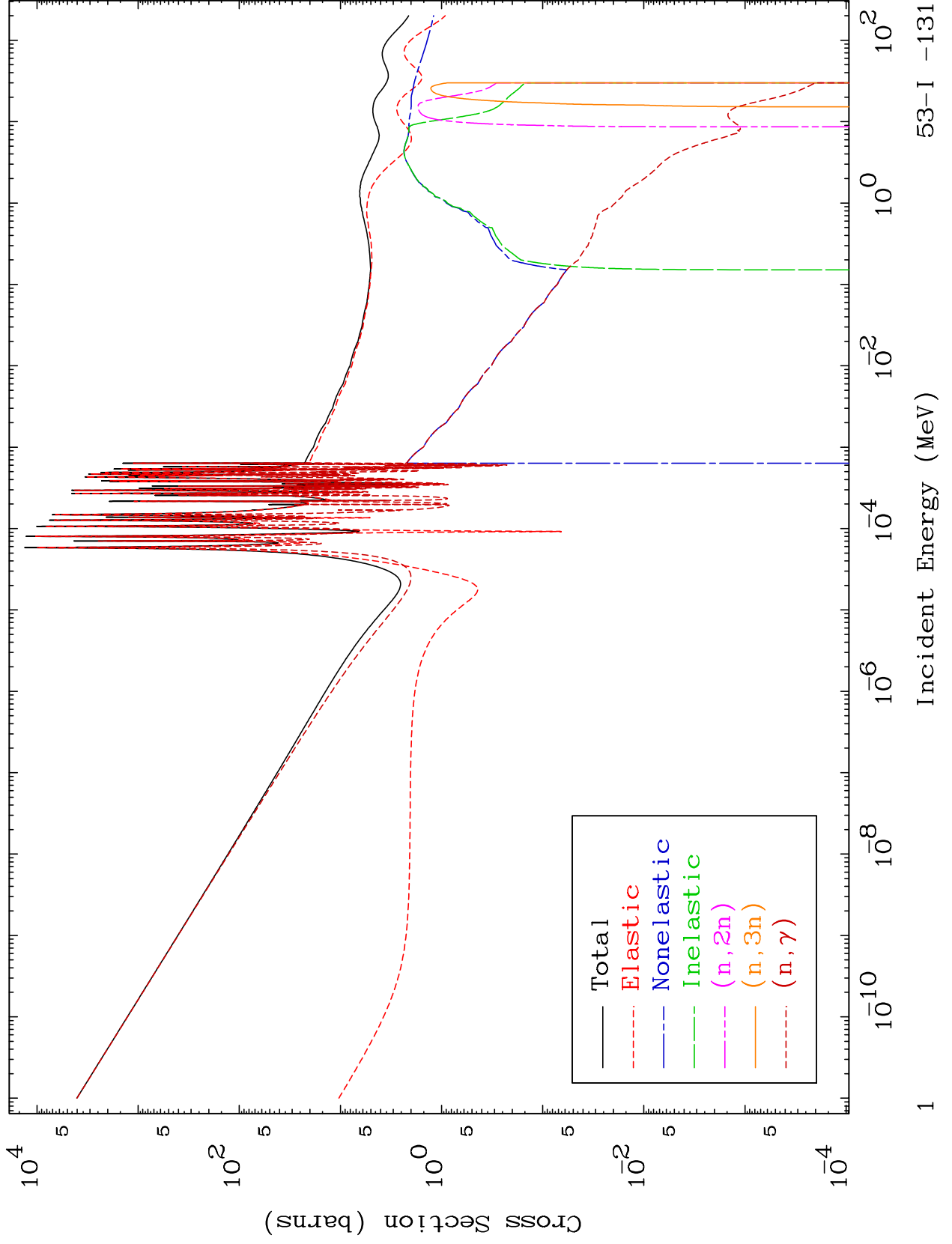
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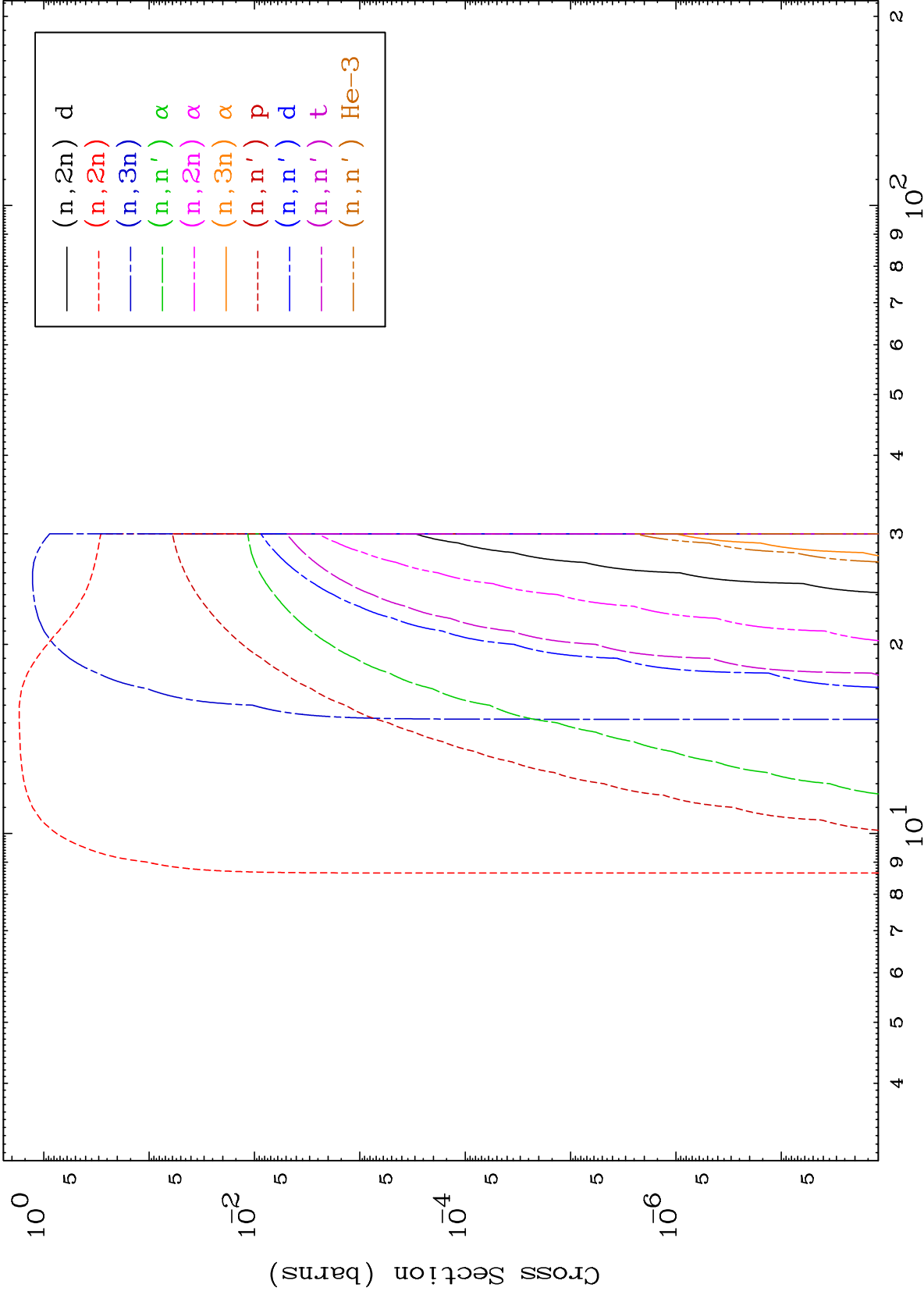
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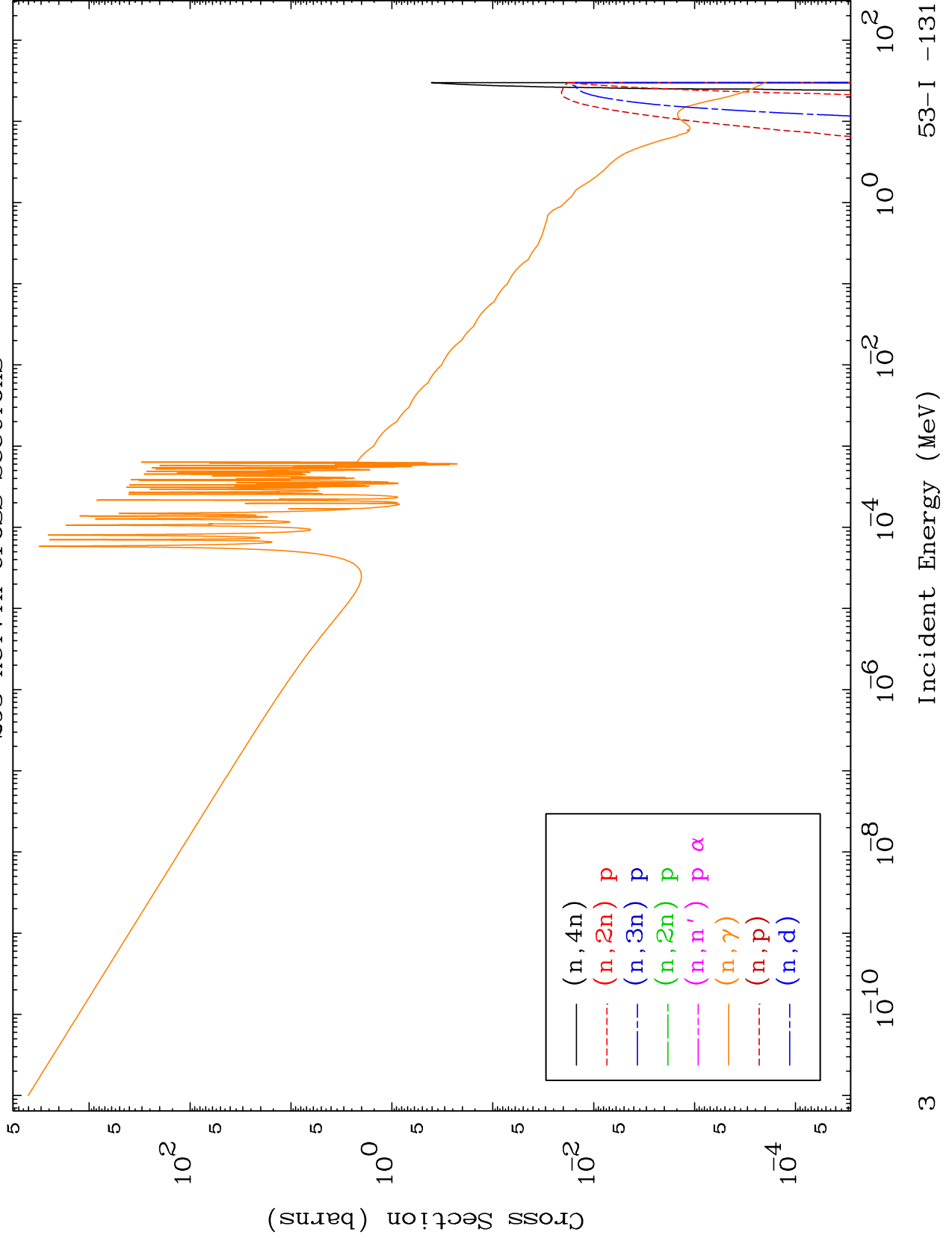
MAT 5337

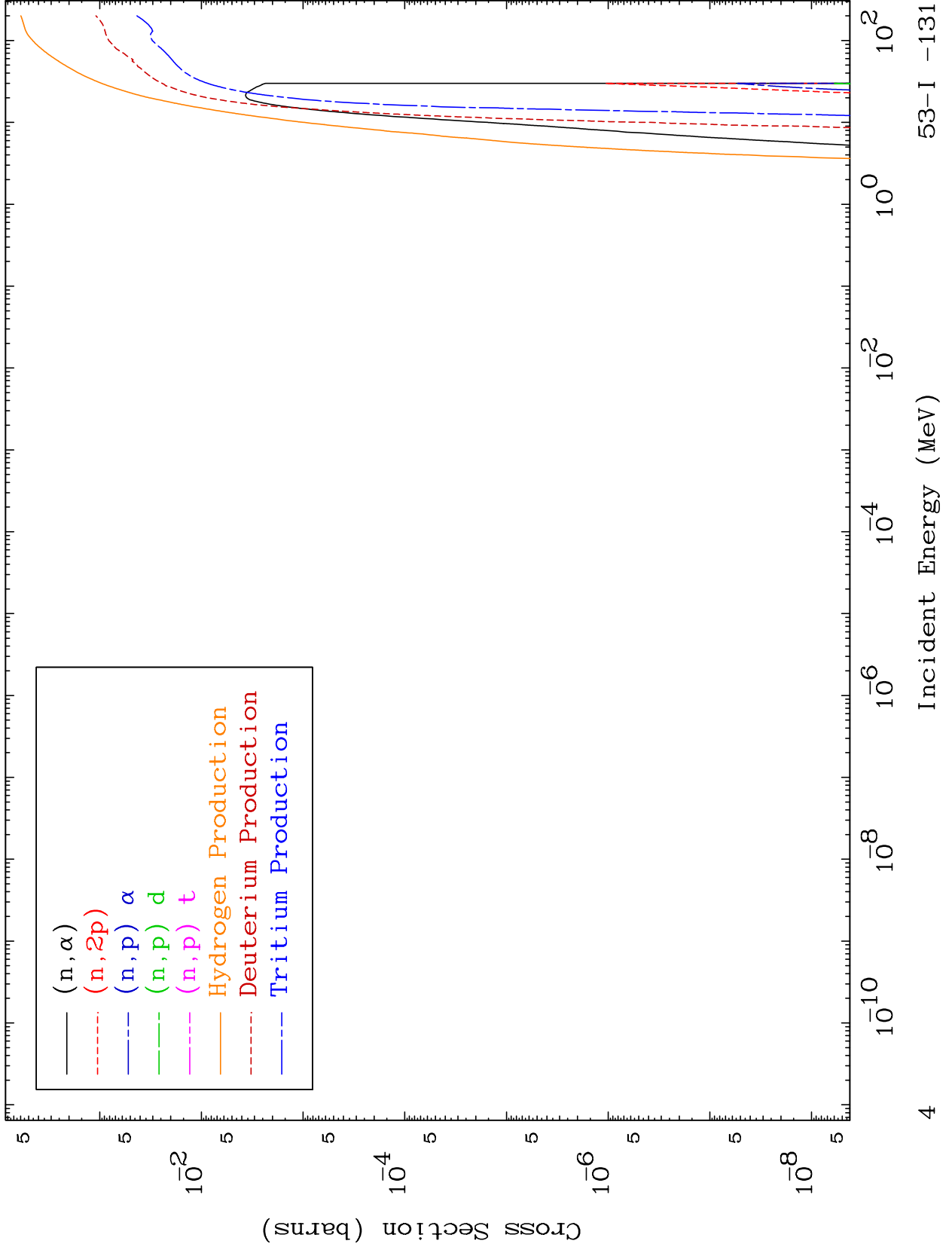
Neutron Major
293 Kelvin Cross Sections

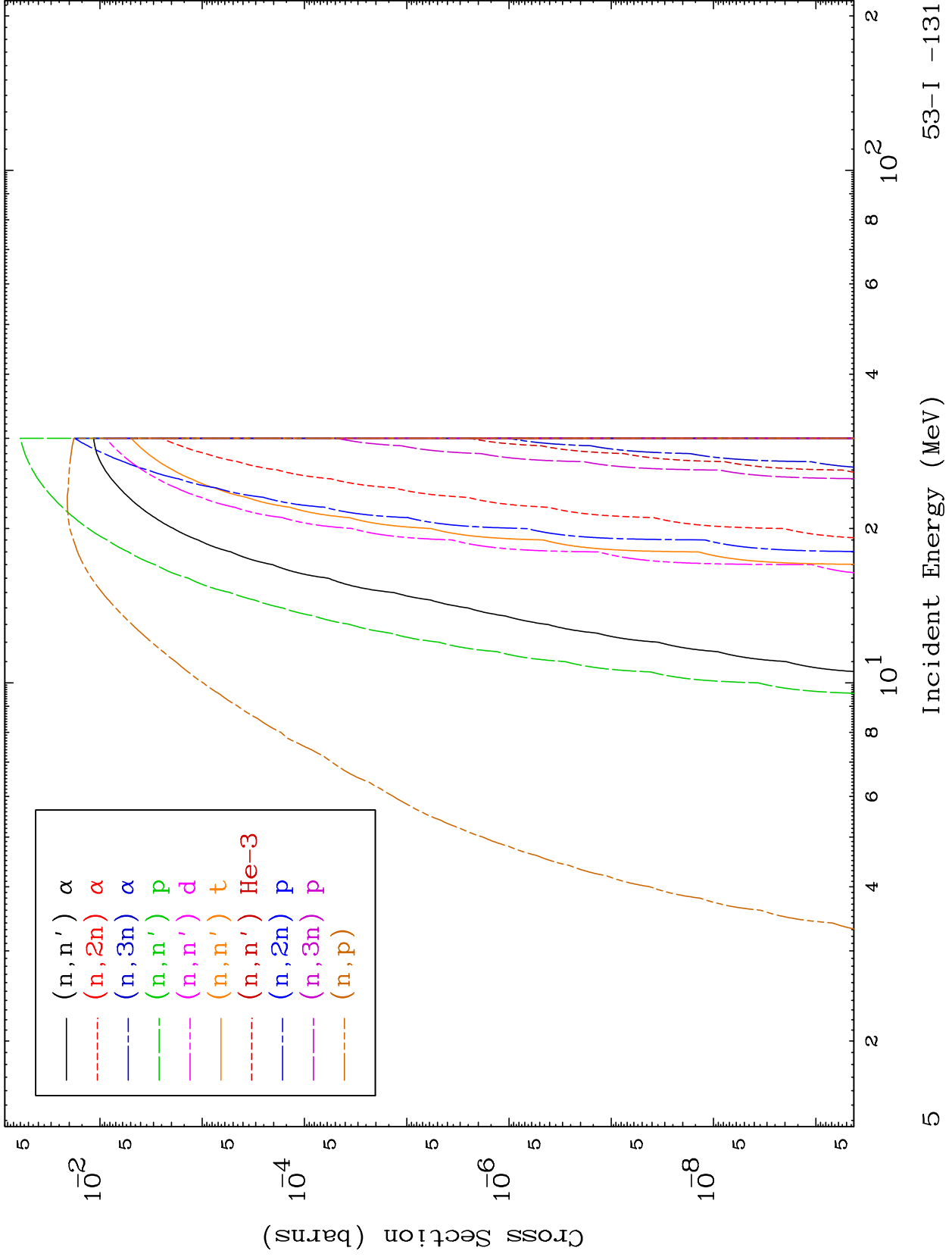
53-I -131

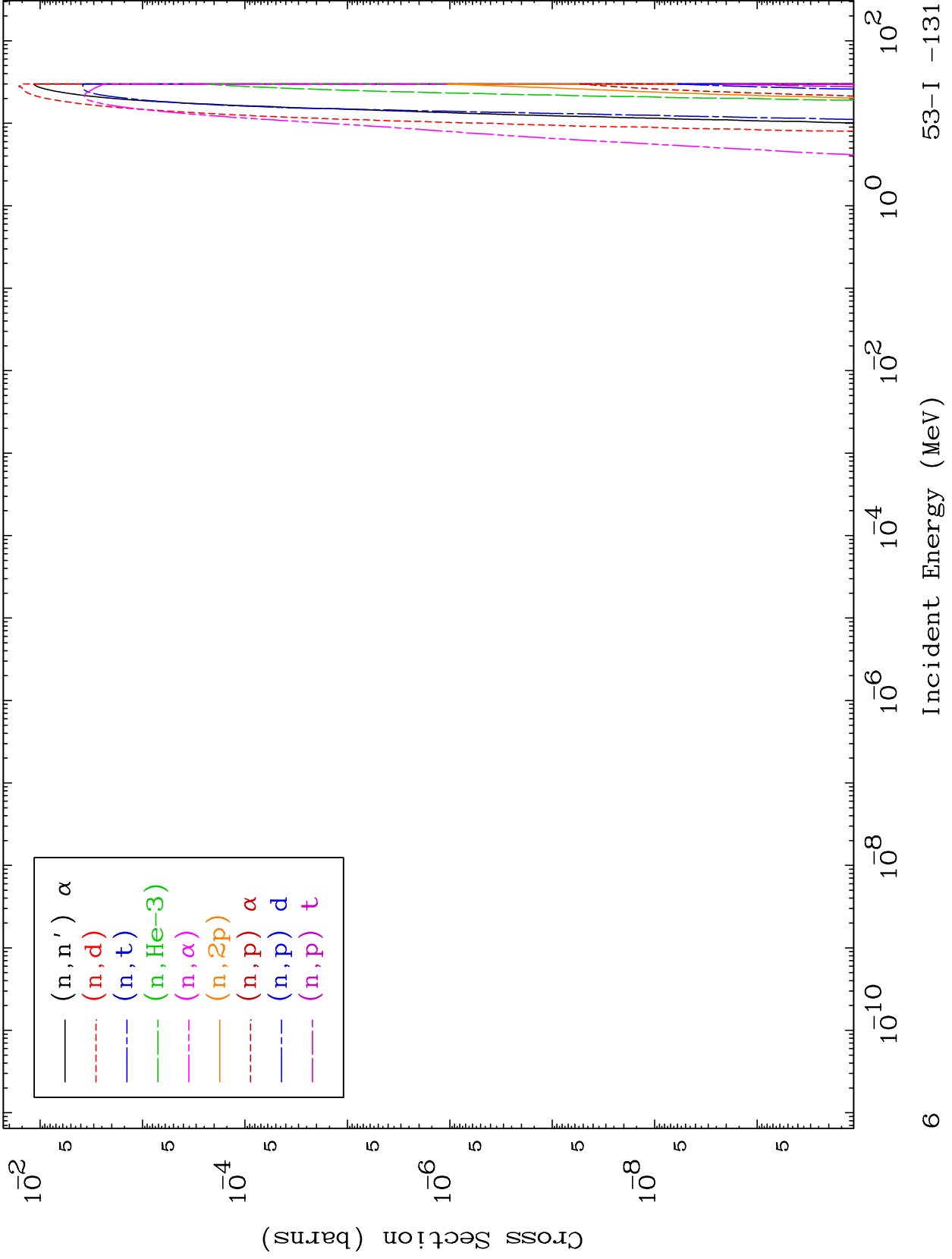


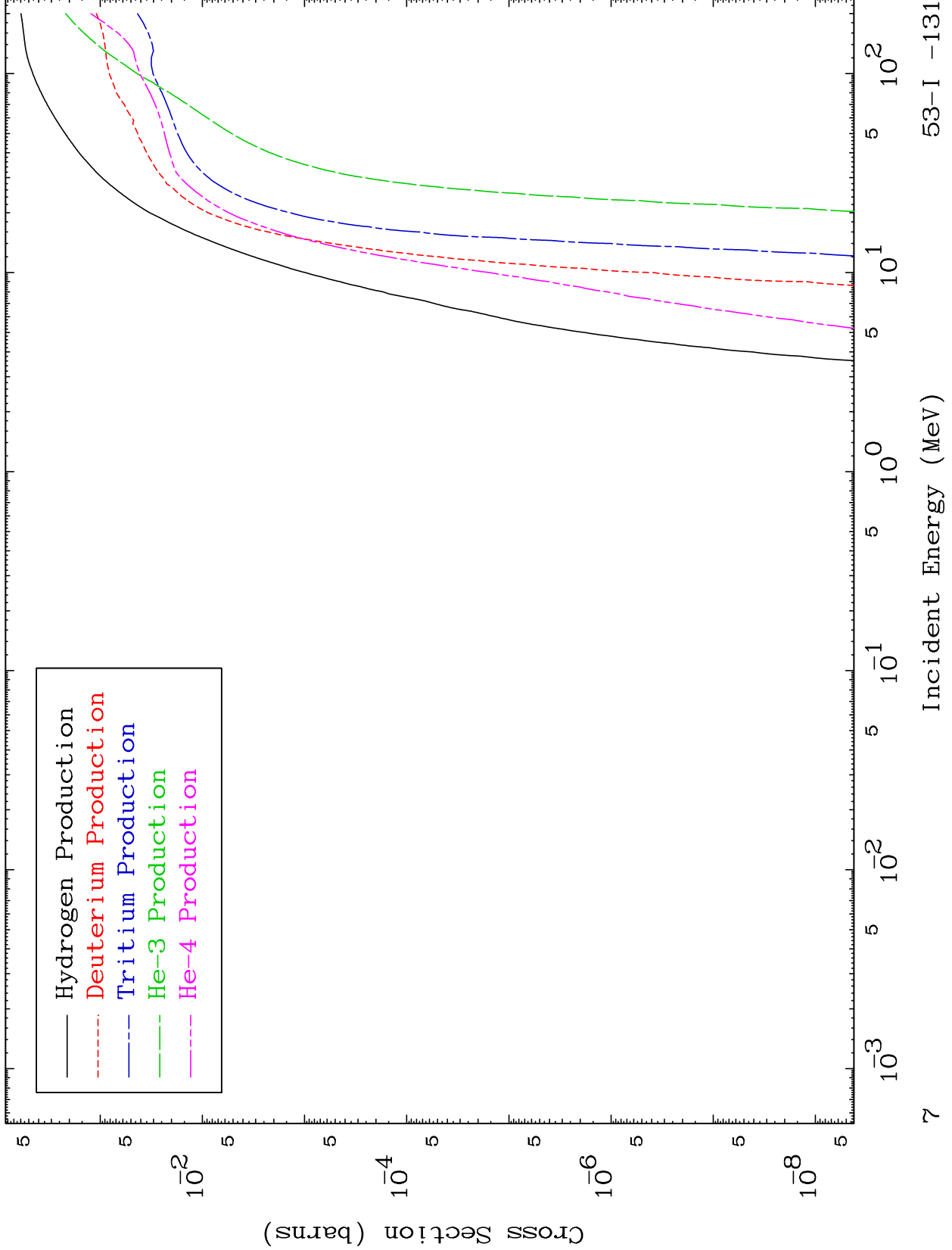


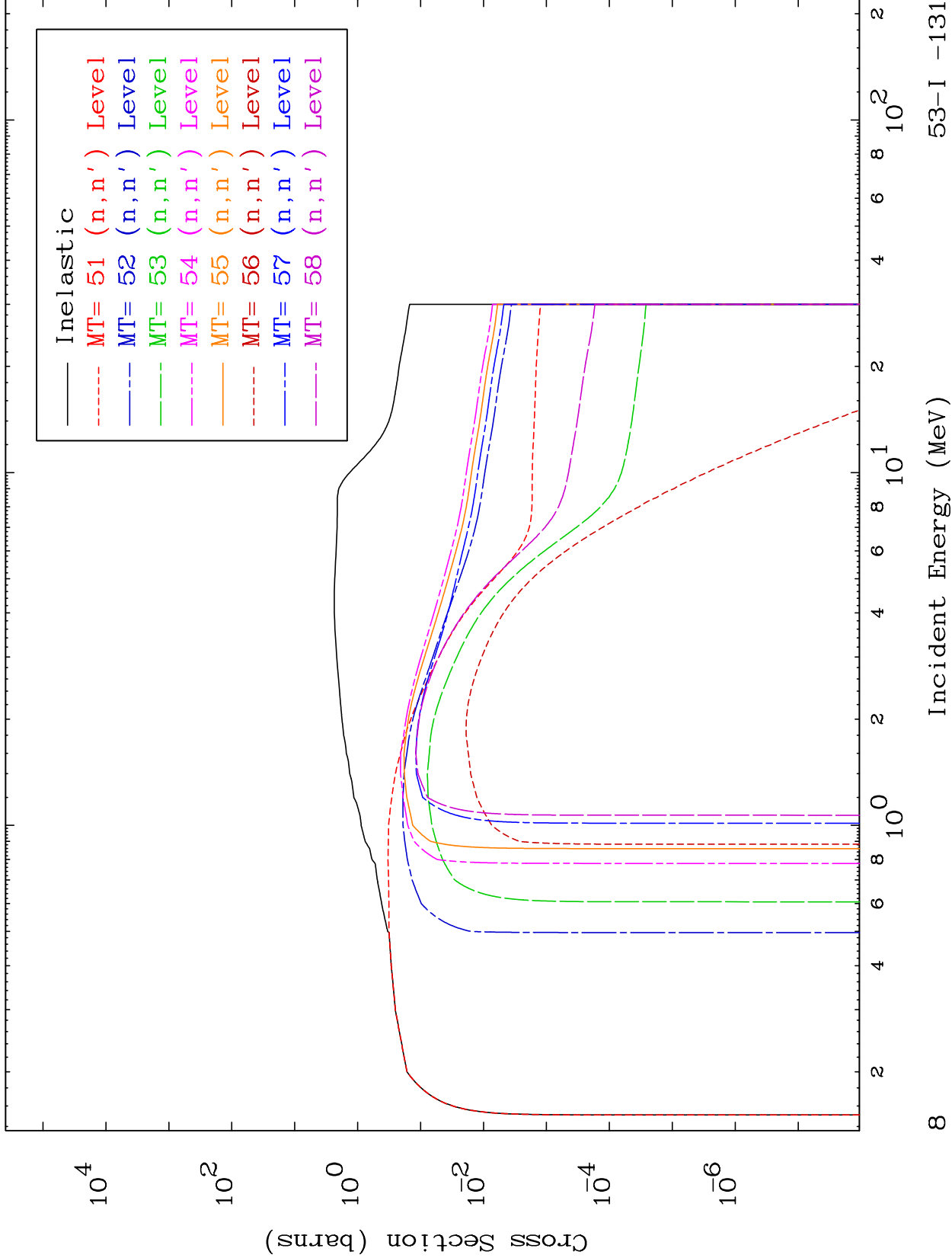


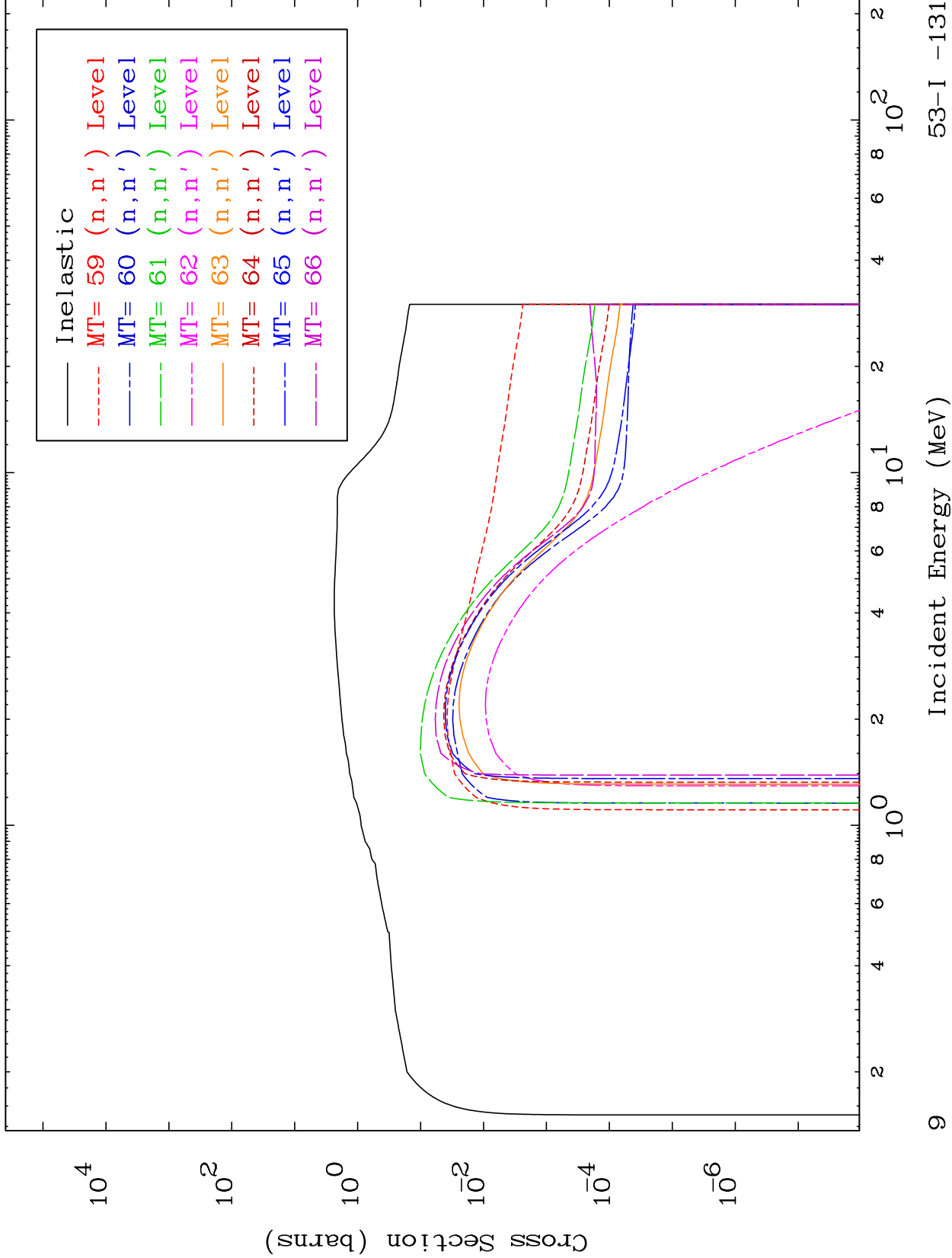


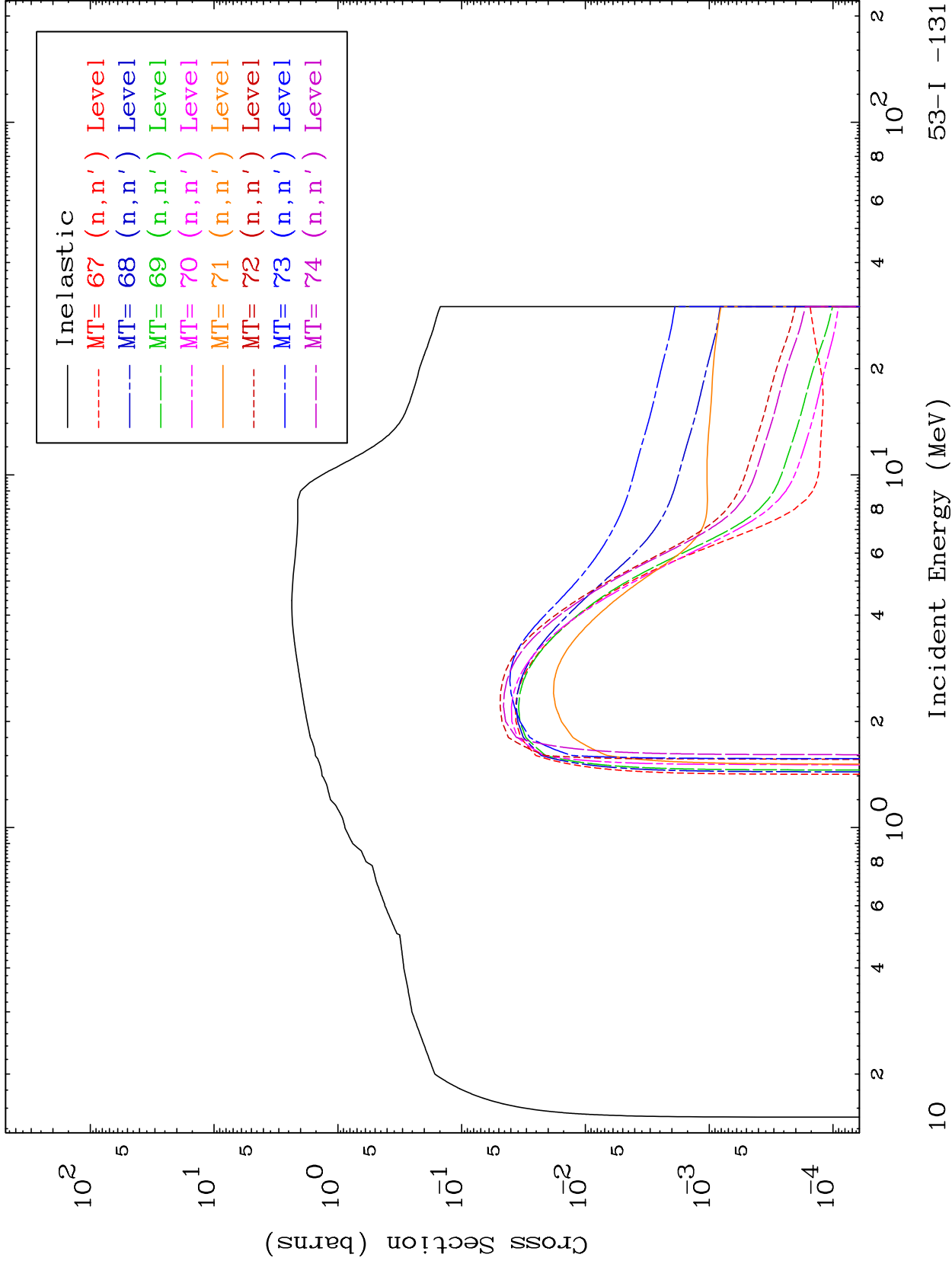




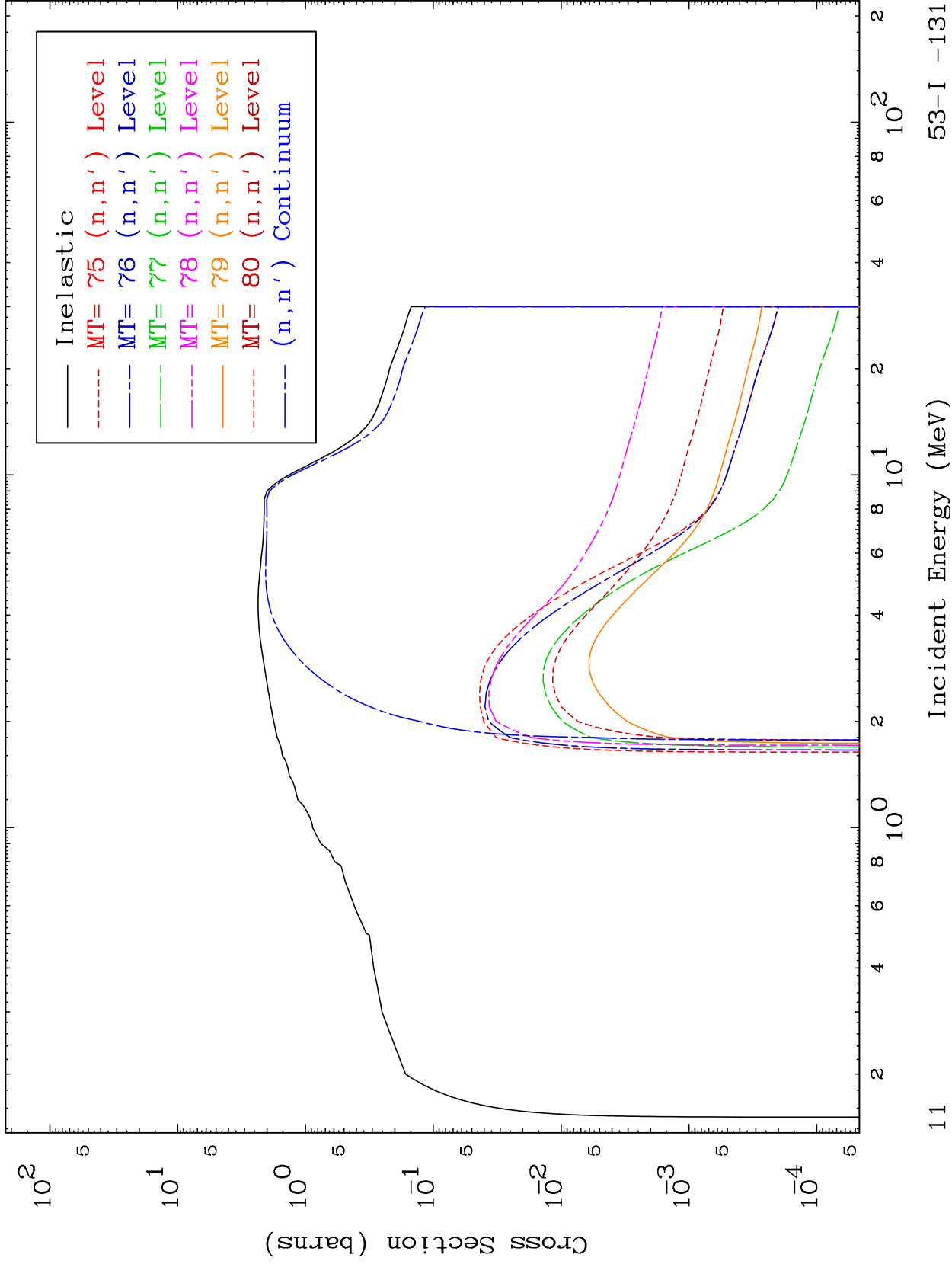








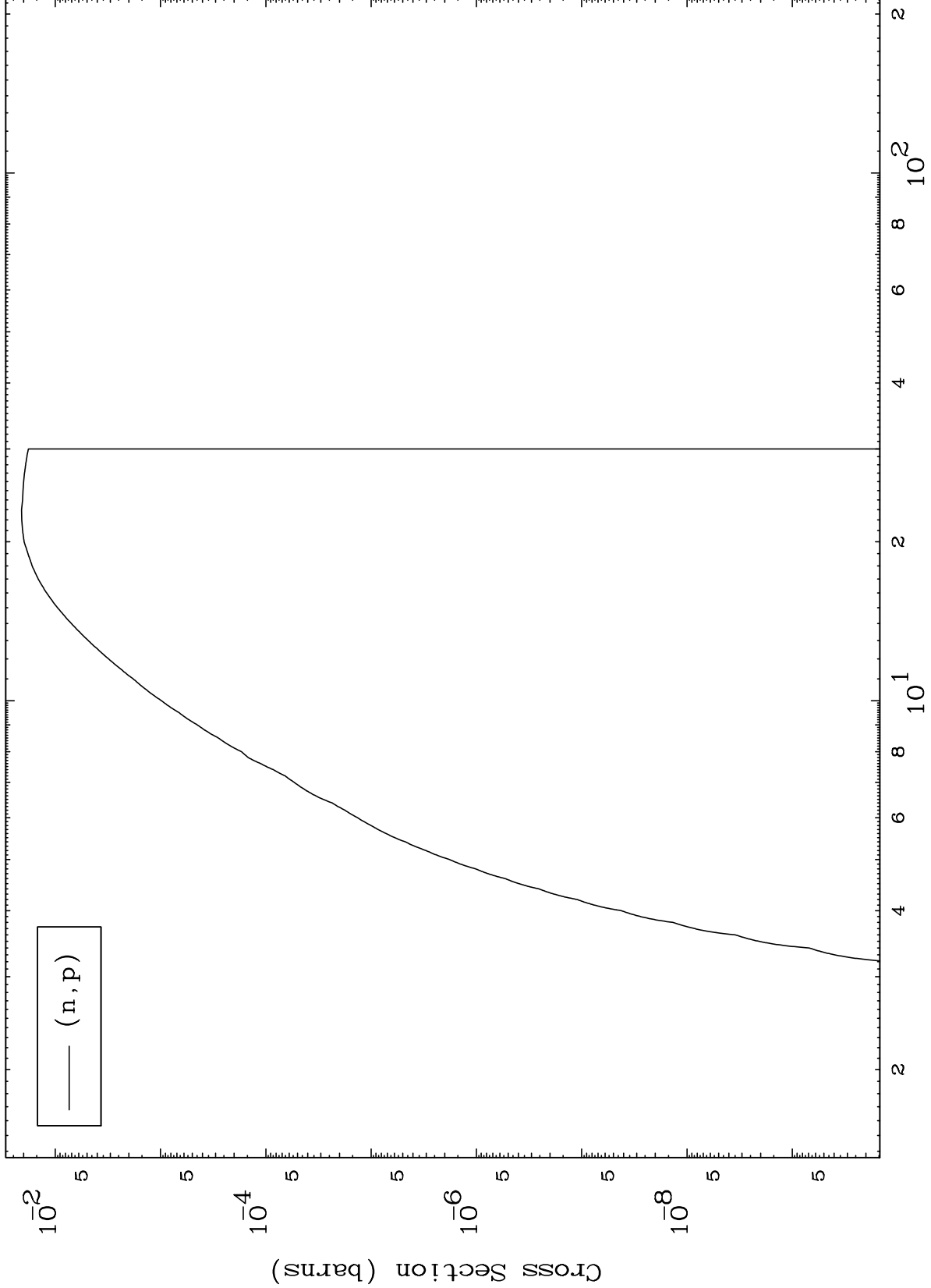
293 Kelvin Cross Sections



MAT 5337

(n,p) Levels
293 Kelvin Cross Sections

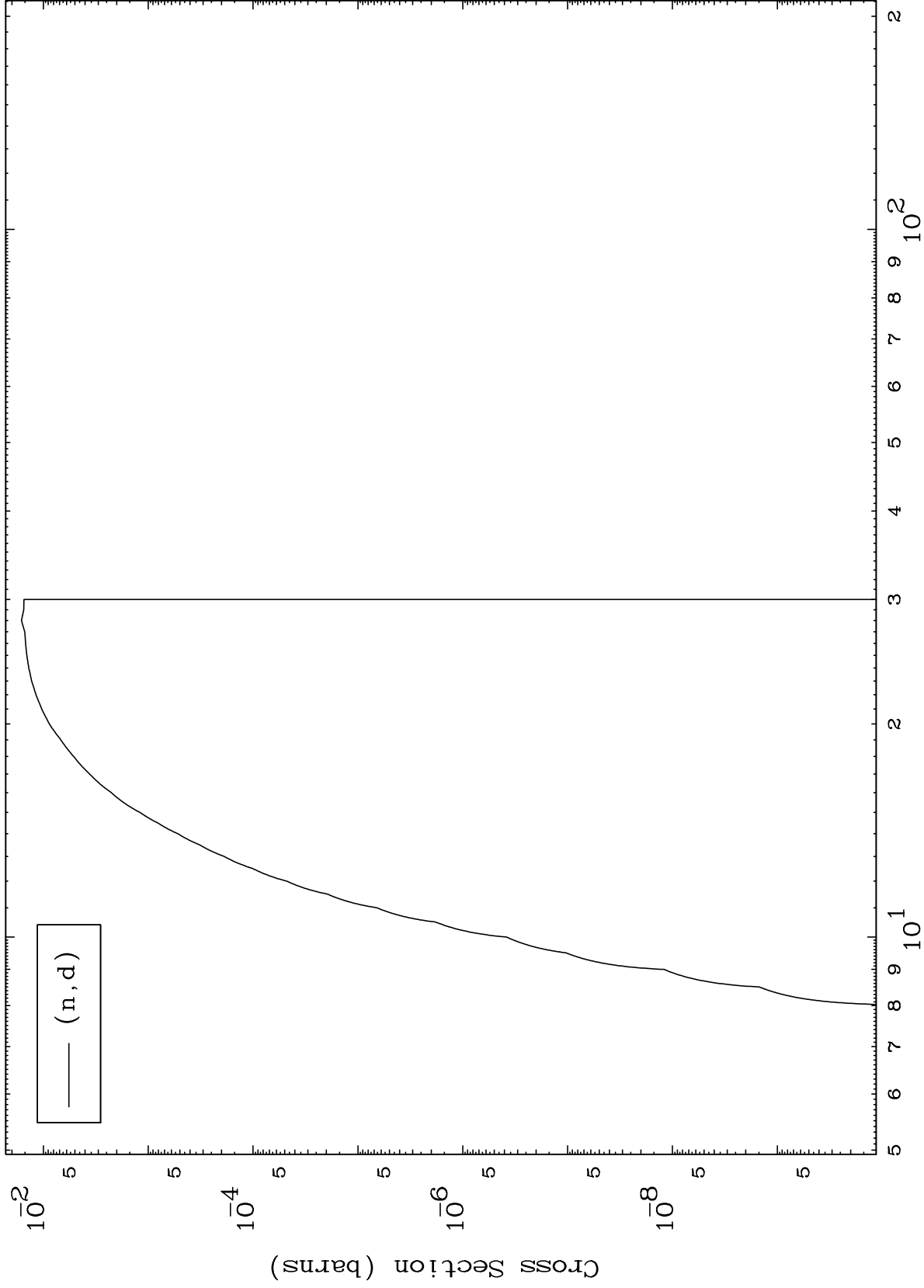
53-I -131

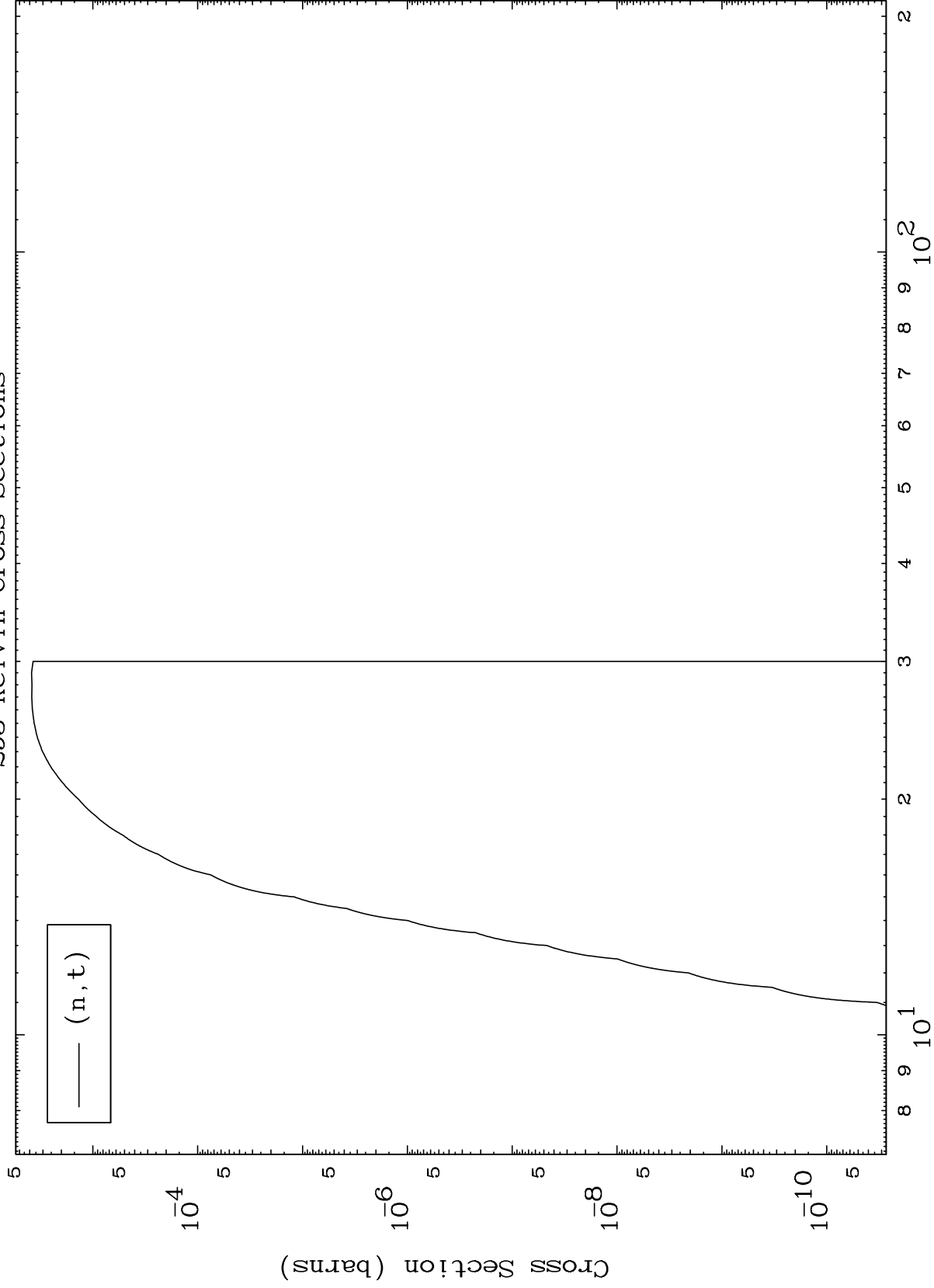


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Incident Energy (MeV)

53-I -131

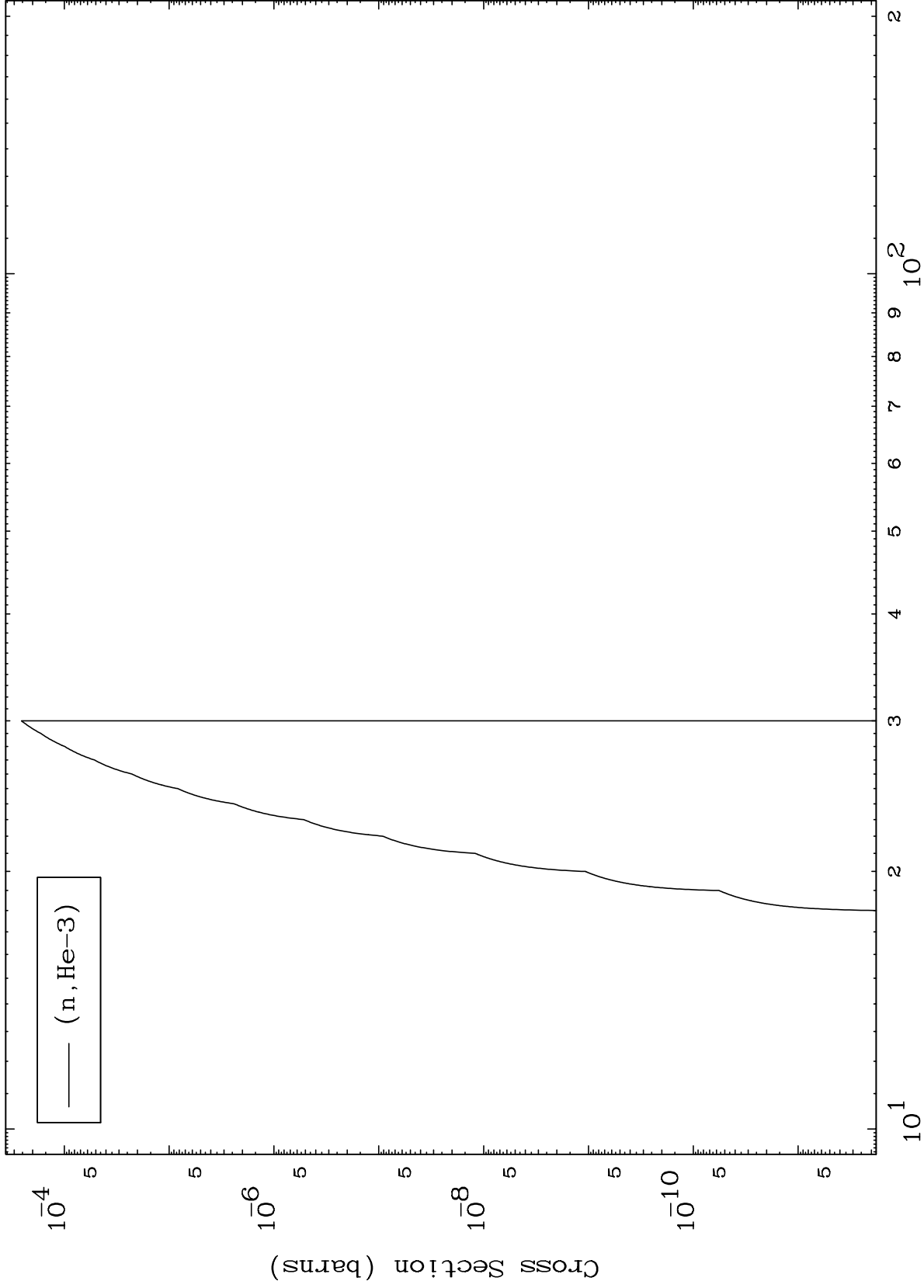




MAT 5337

(n,He3) Levels
293 Kelvin Cross Sections

53-I -131



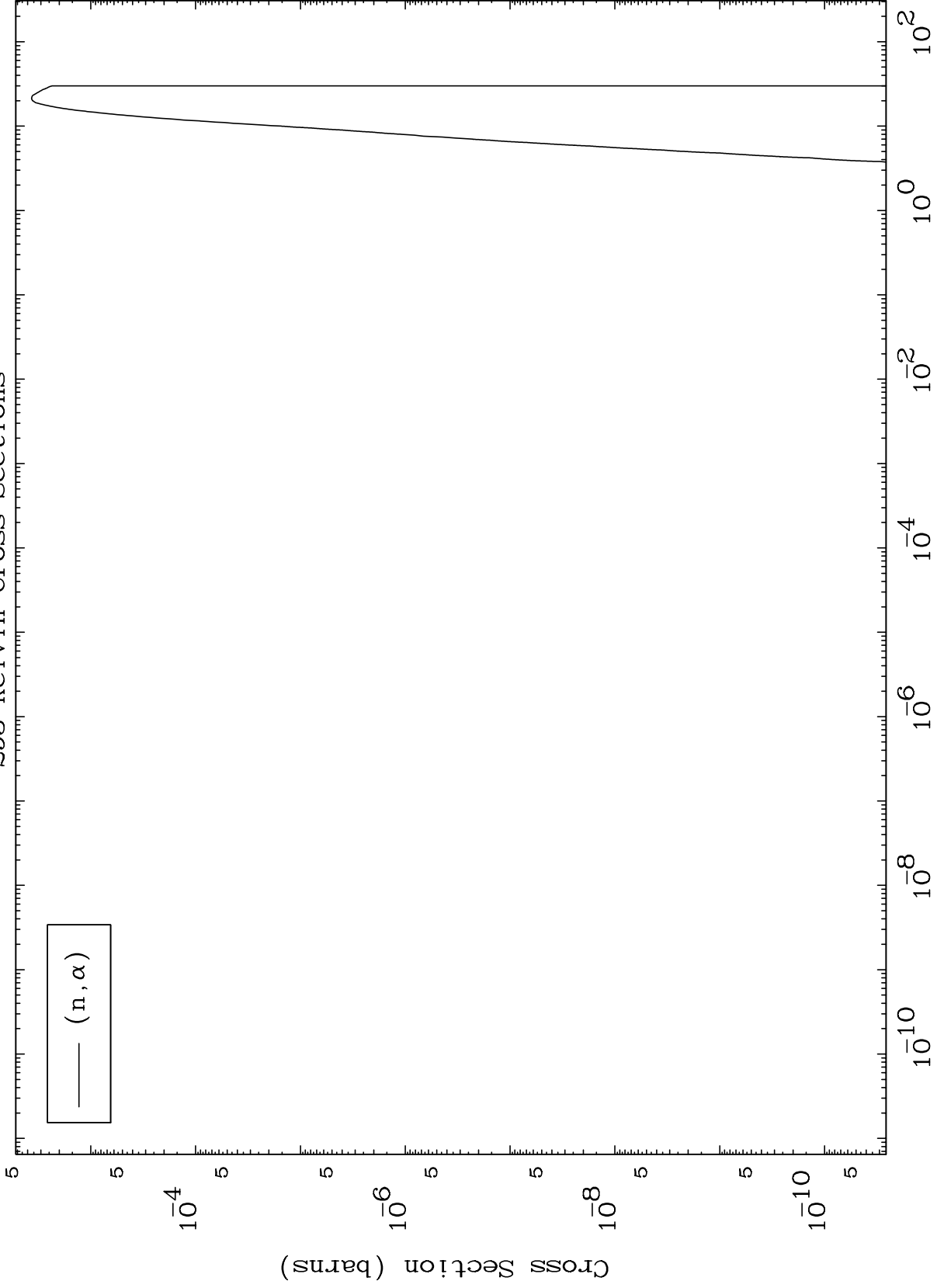
Incident Energy (MeV)

53-I -131

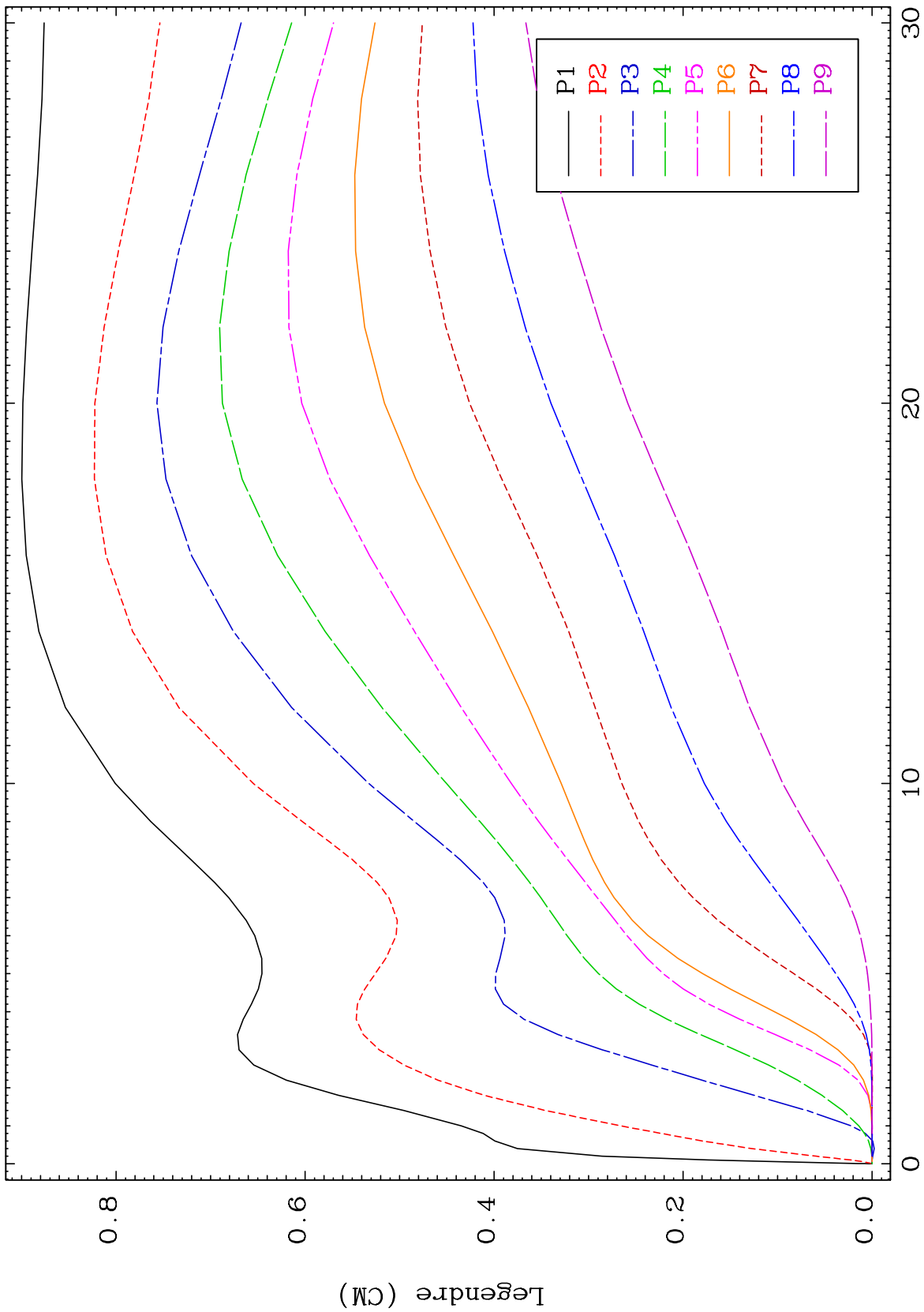
MAT 5337

(n, α) Levels
293 Kelvin Cross Sections

53-I -131



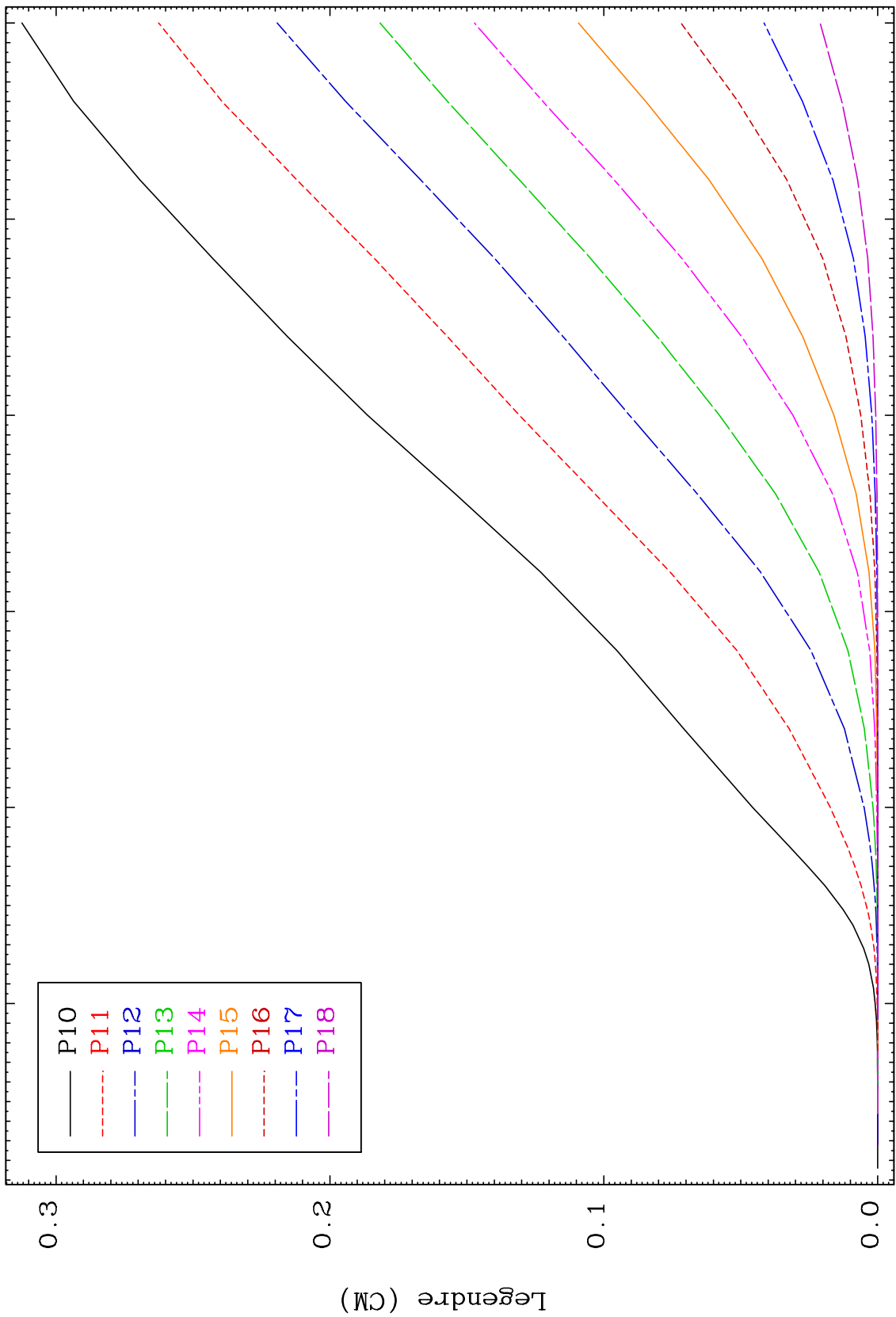
(n, α)



MAT 5337

Elastic Legendre Coefficients

53-I -131



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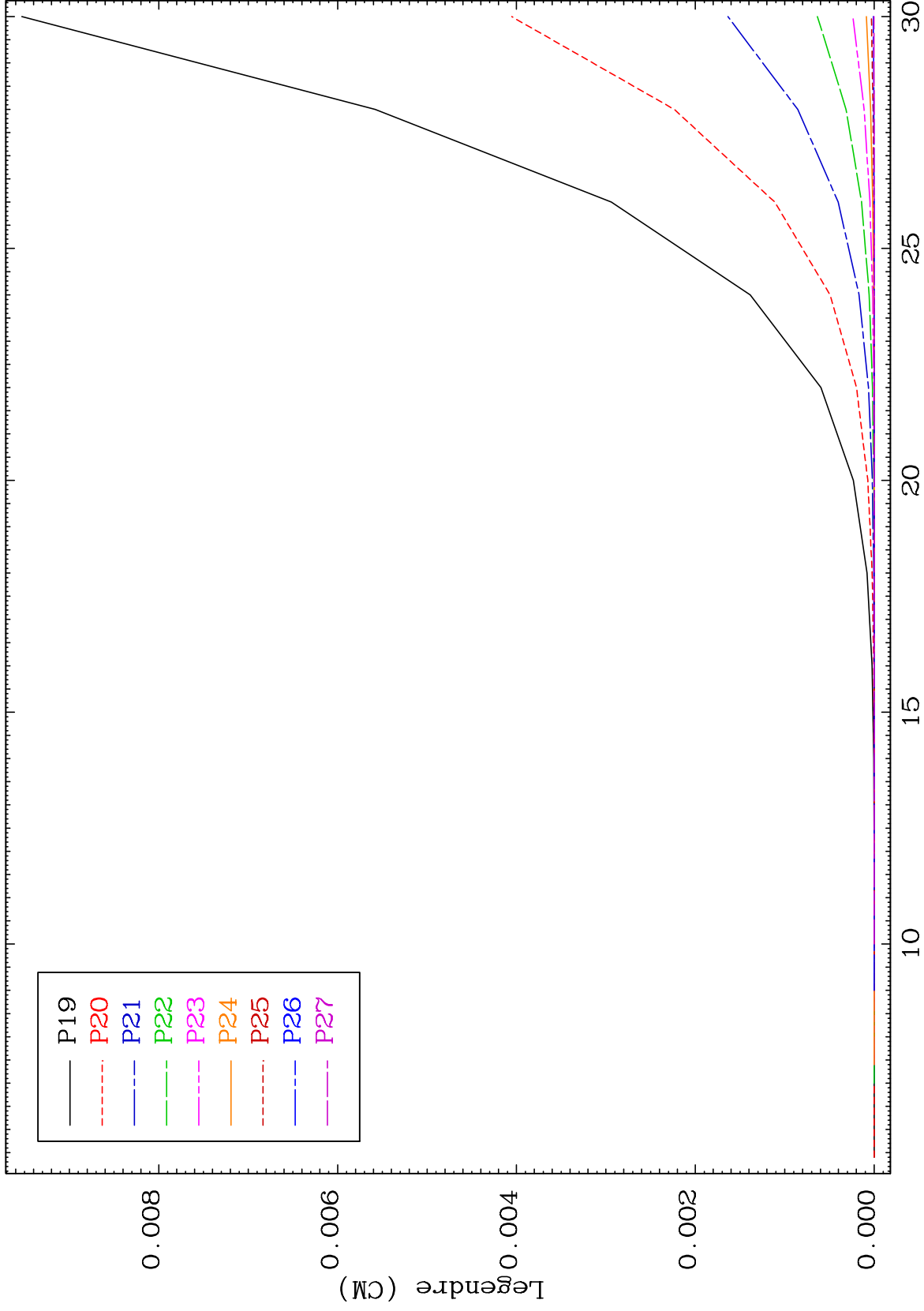
Incident Energy (MeV)

53-I -131

MAT 5337

Elastic Legendre Coefficients

53-I -131



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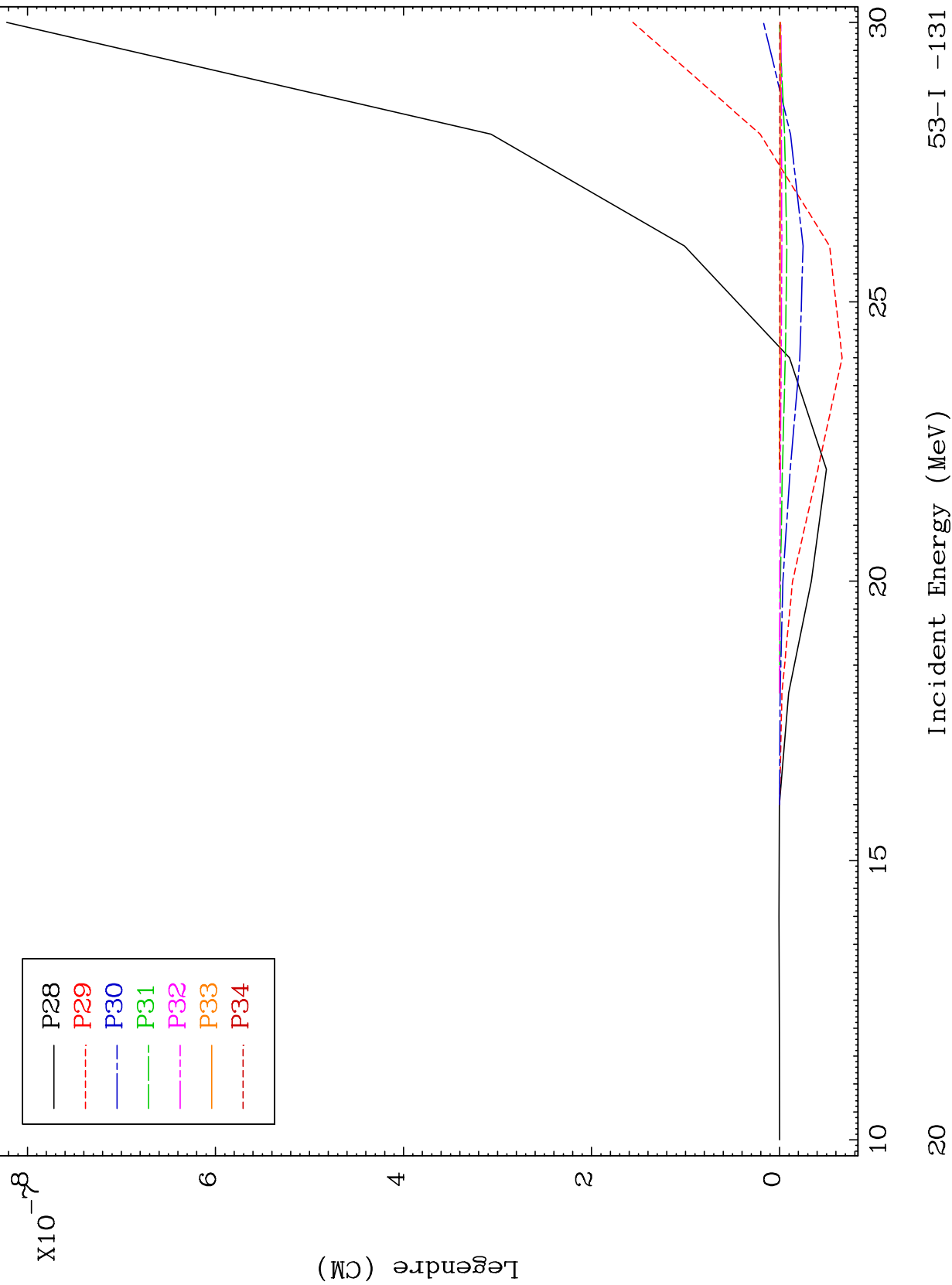
Incident Energy (MeV)

53-I -131

MAT 5337

Elastic Legendre Coefficients

53-I -131



20

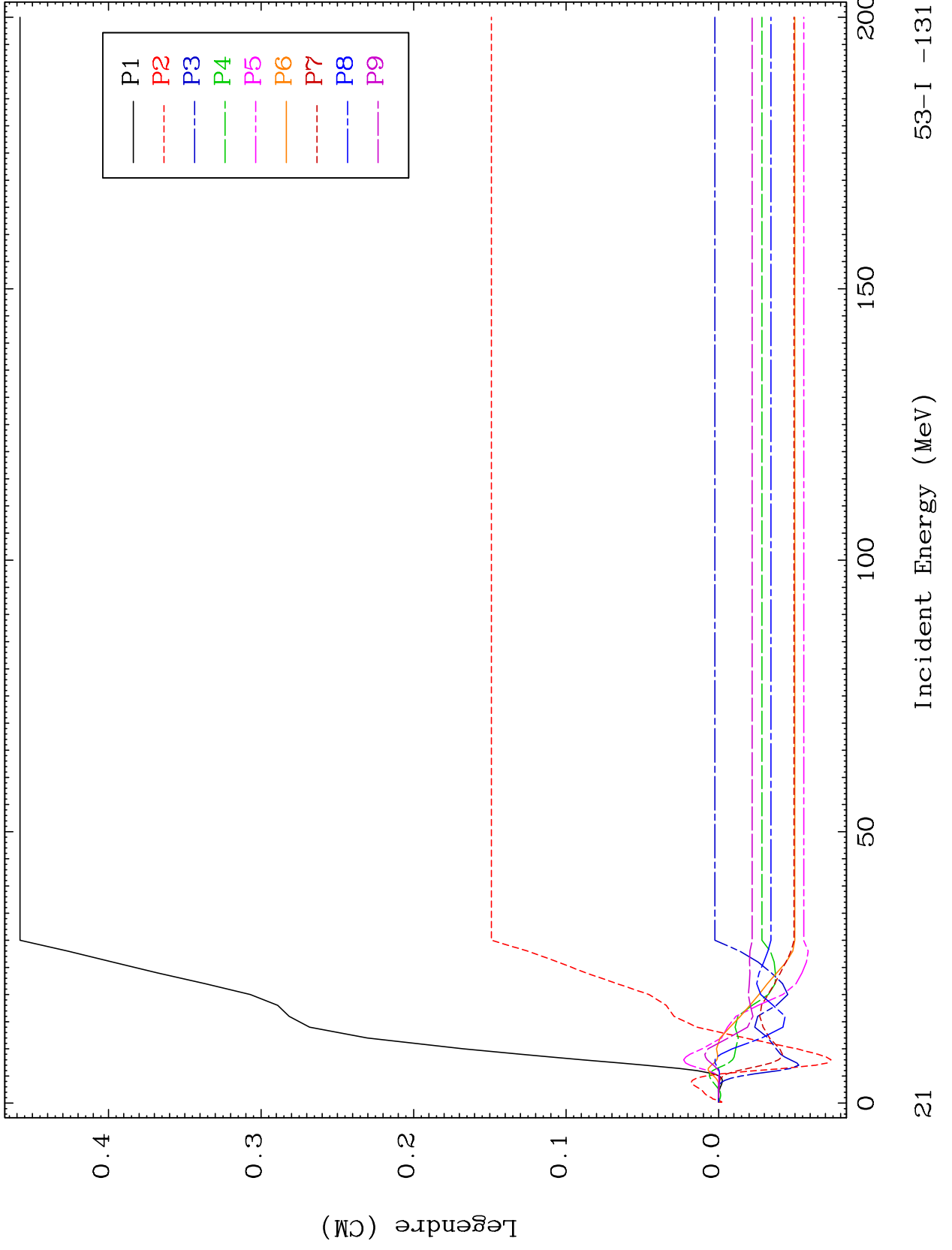
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



21

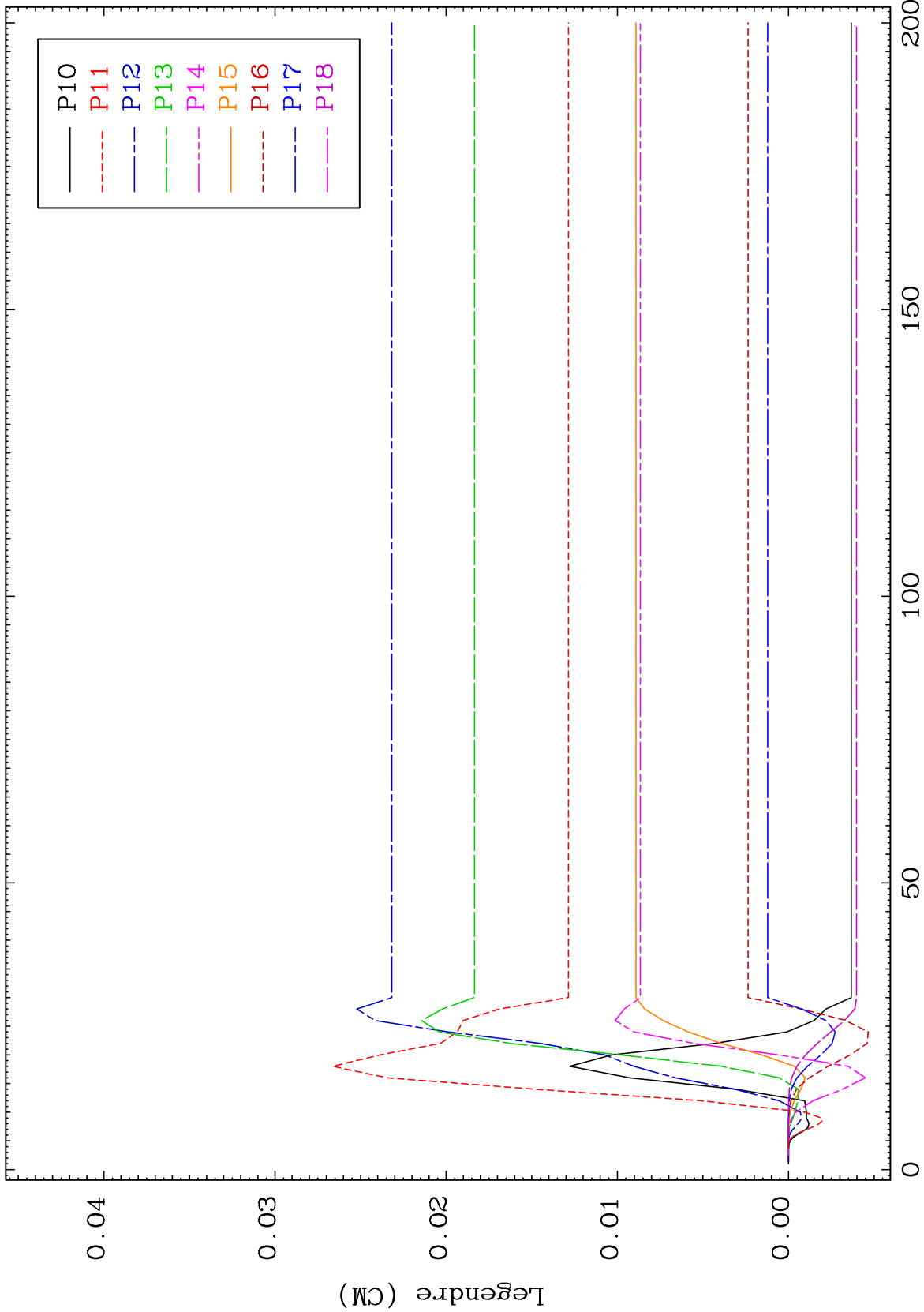
Incident Energy (MeV)

53-I -131

MAT 5337

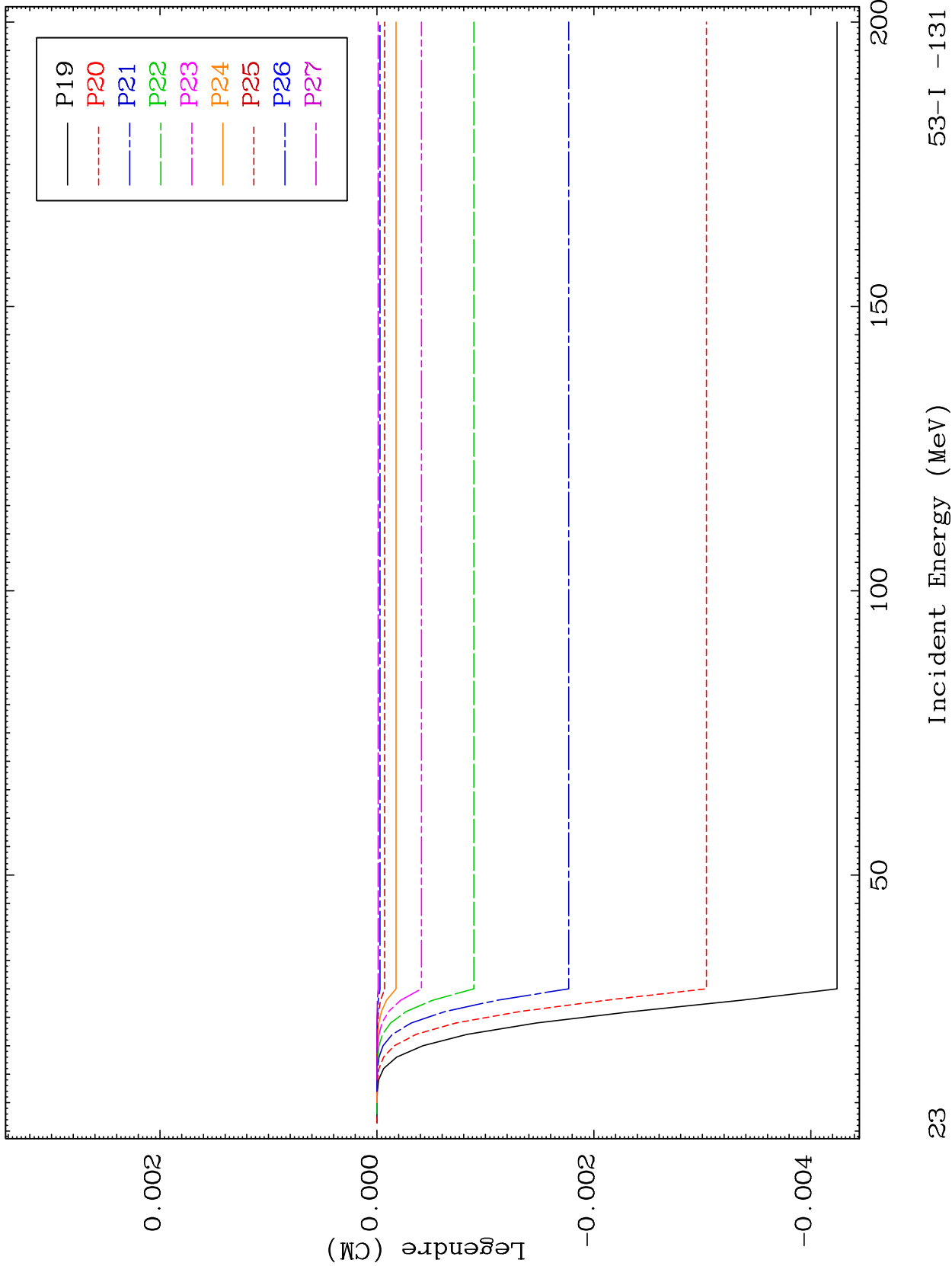
MT= 51 (n,n') Level
Legendre Coefficients

53-I -131



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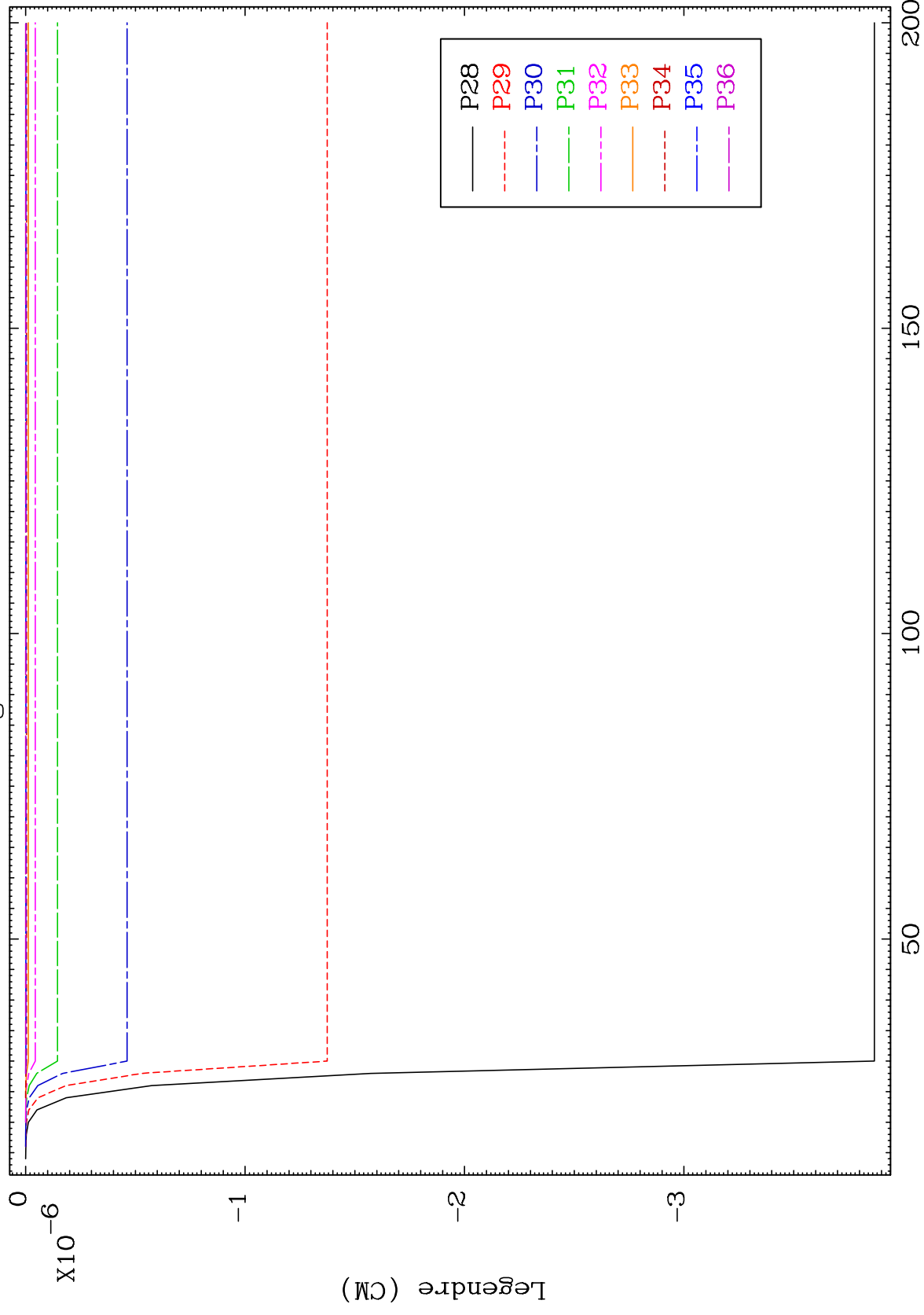
53-I -131



MAT 5337

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

53-I -131



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Incident Energy (MeV)

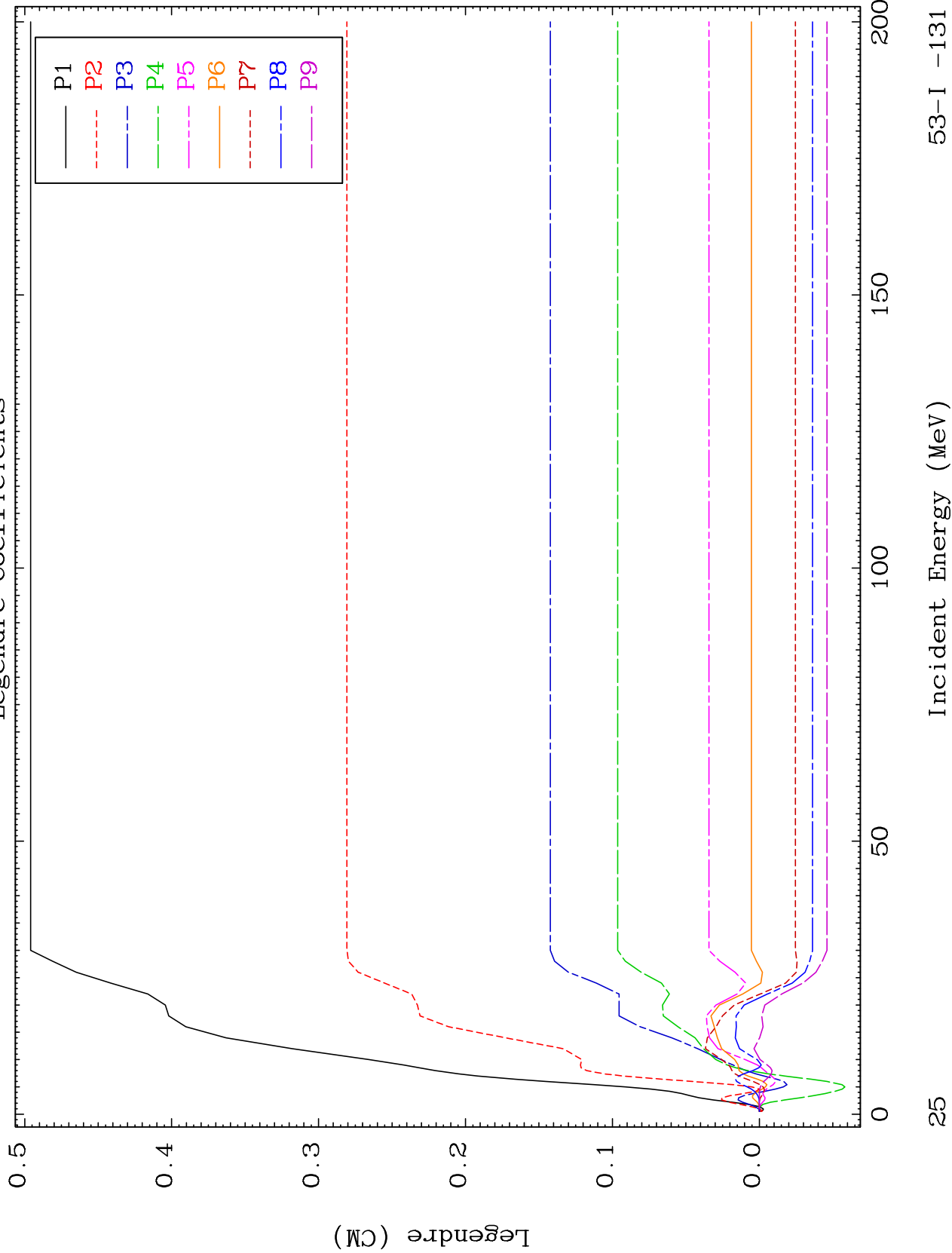
53-I -131

MAT 5337

MT= 52 (n,n') Level

53-I -131

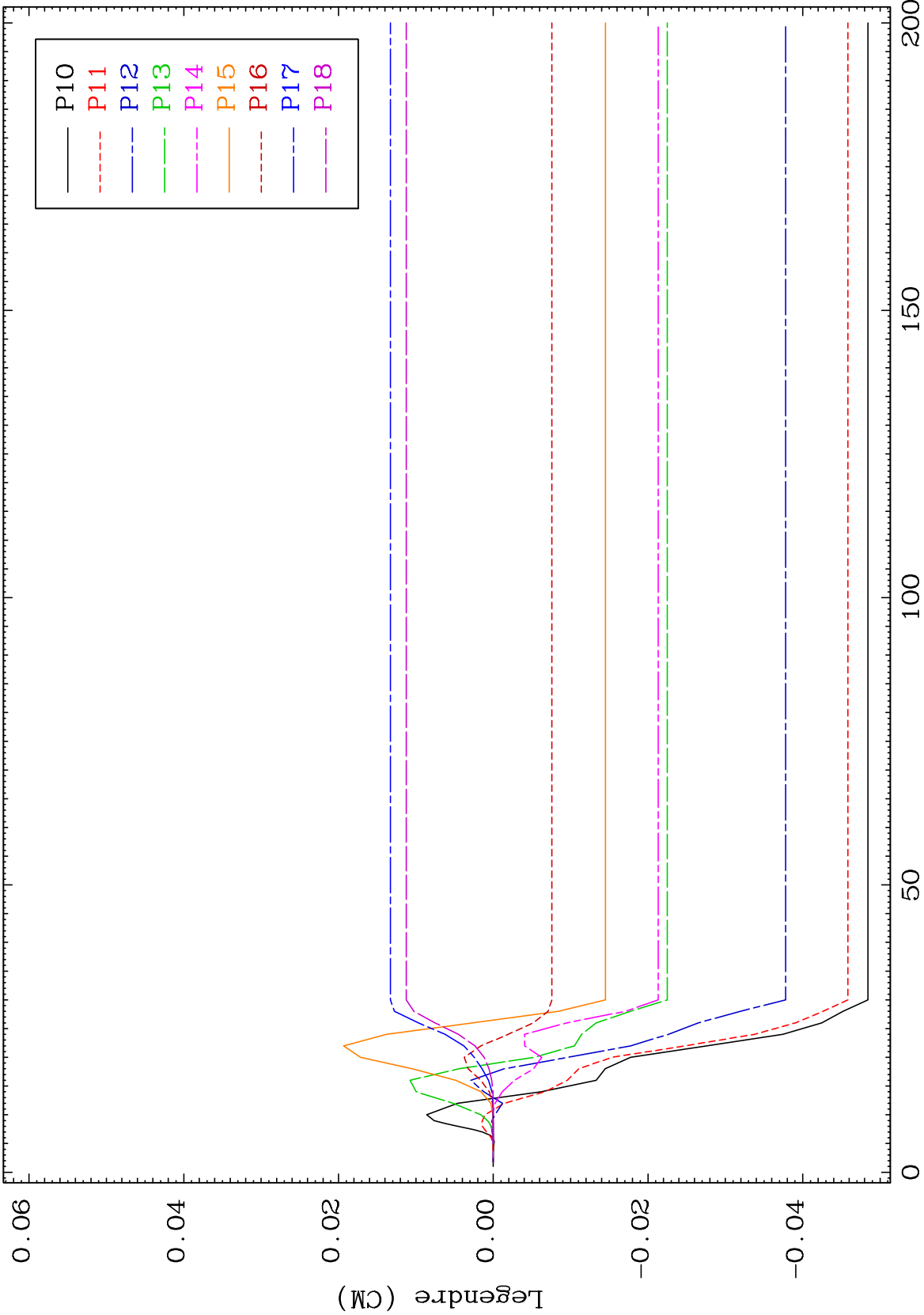
Legendre Coefficients



MAT 5337

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

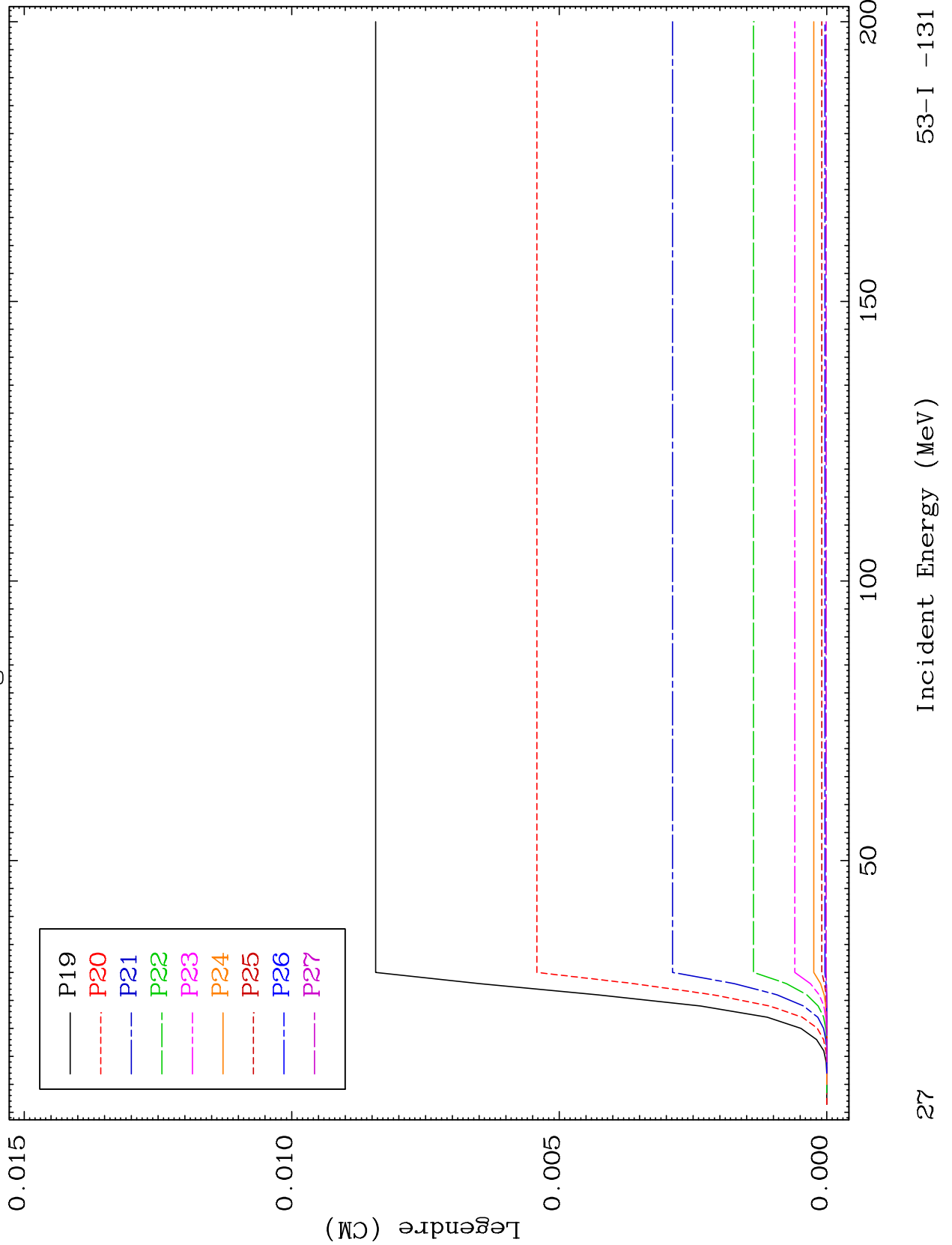
53-I -131



26

Incident Energy (MeV)

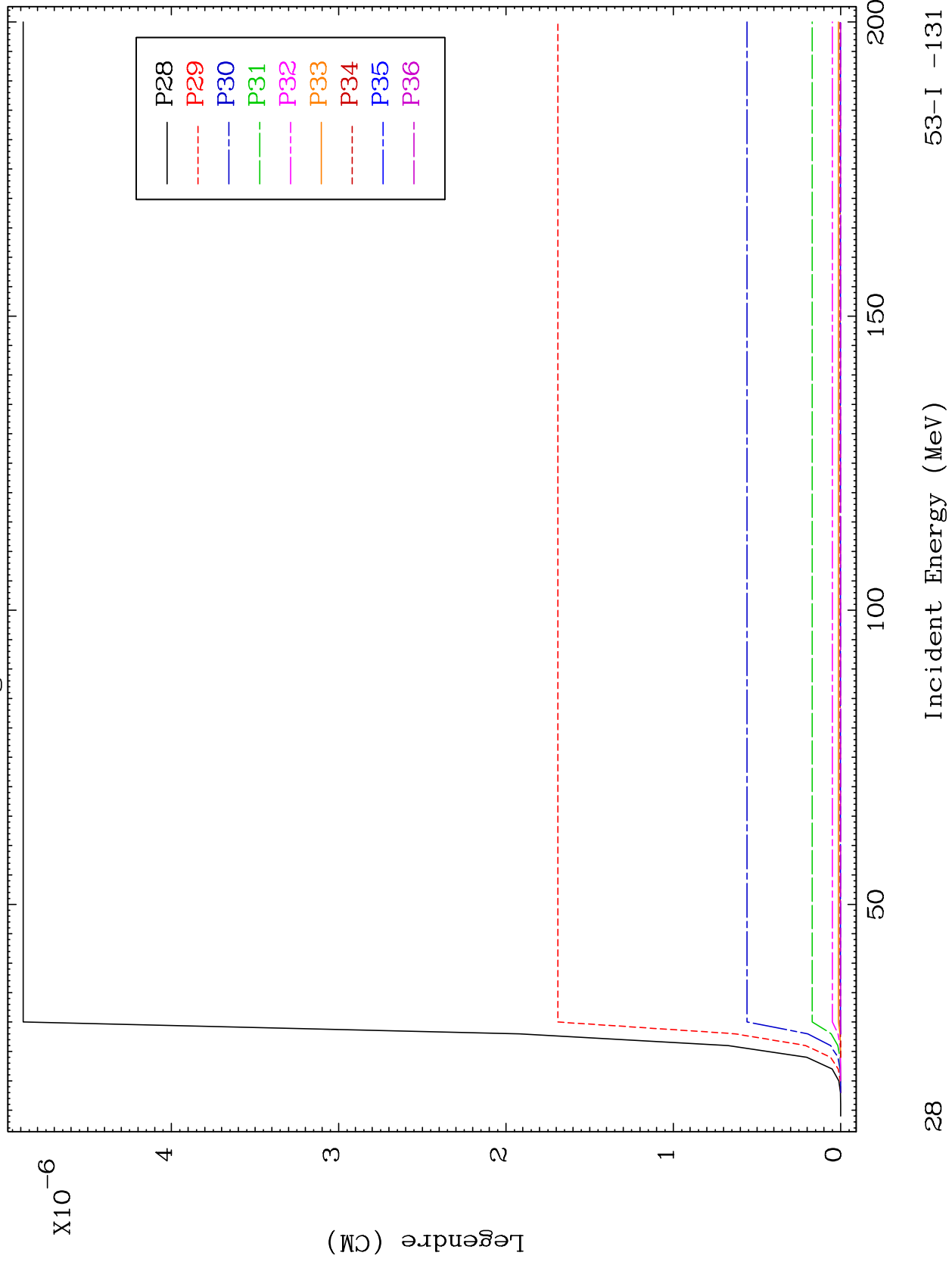
53-I -131



MAT 5337

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

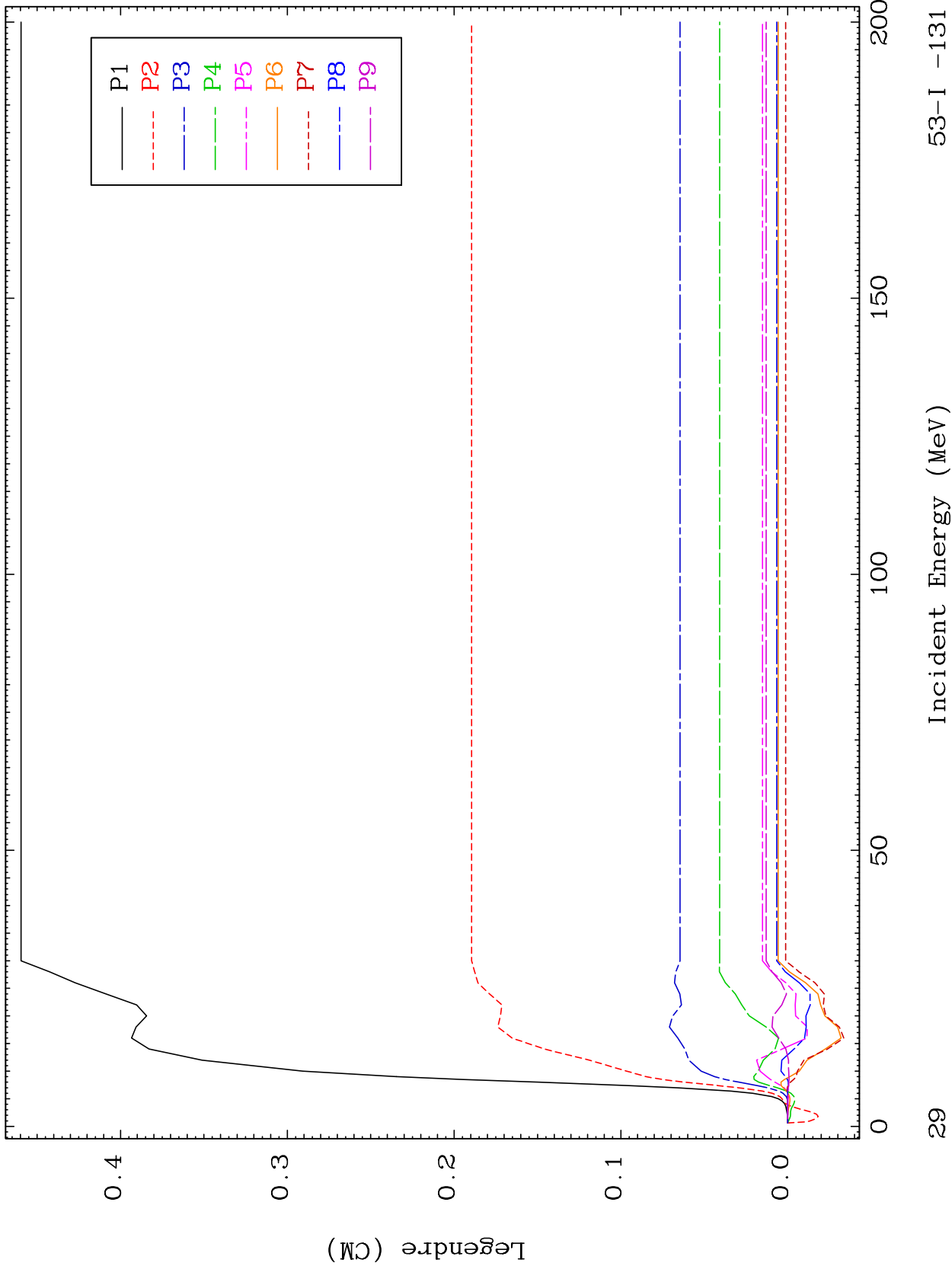
53-I -131



28

Incident Energy (MeV)

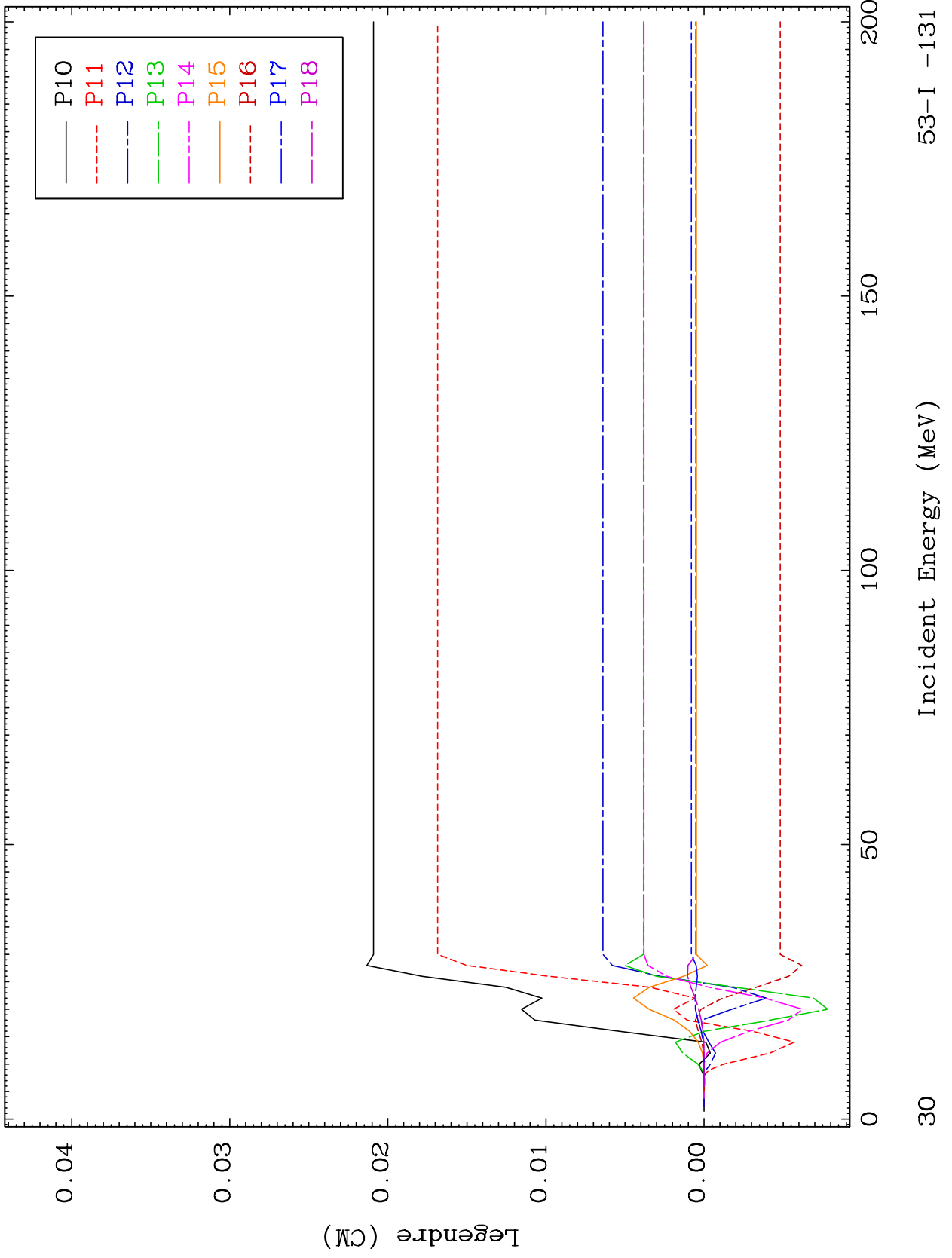
53-I -131



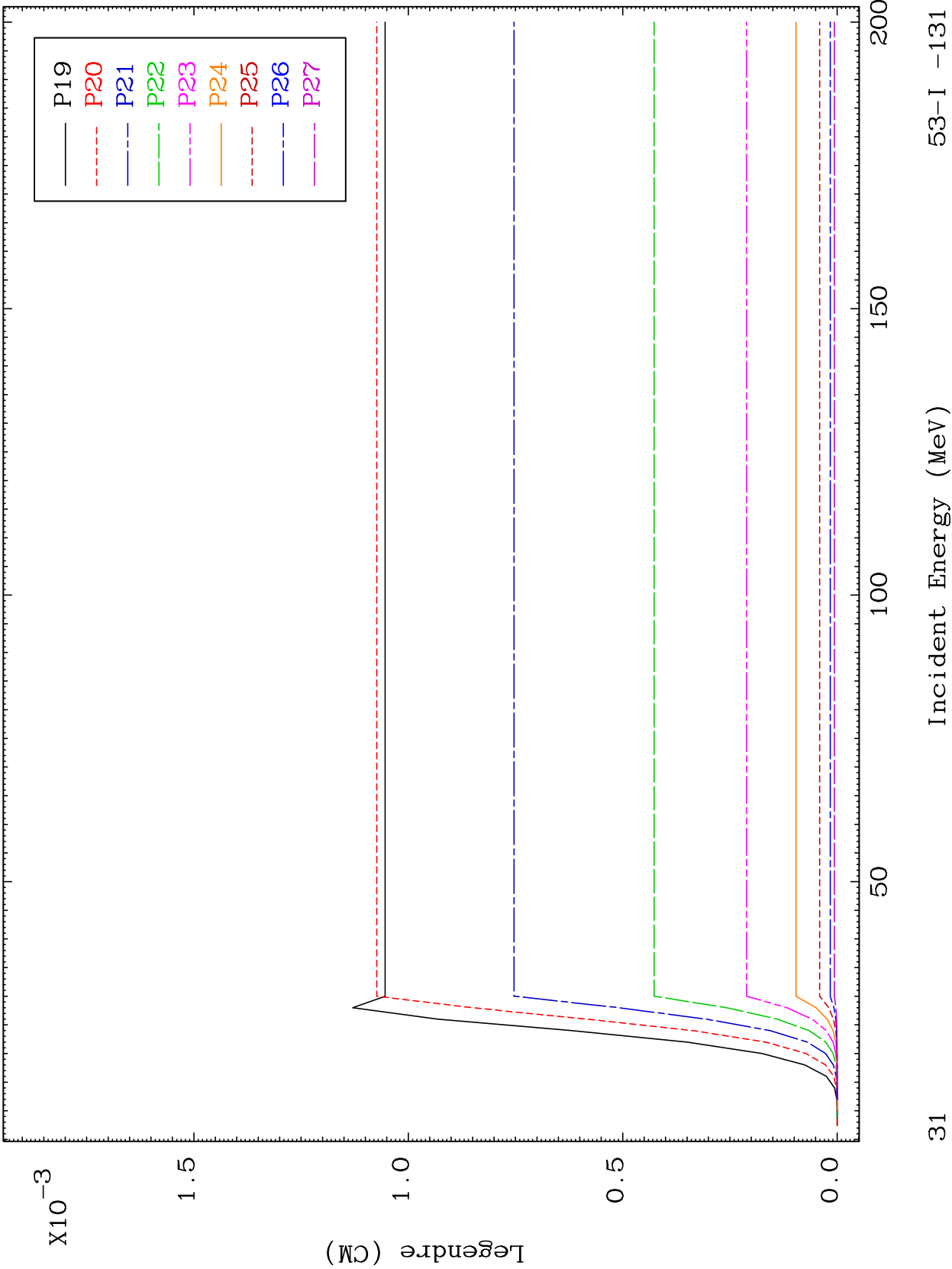
MAT 5337

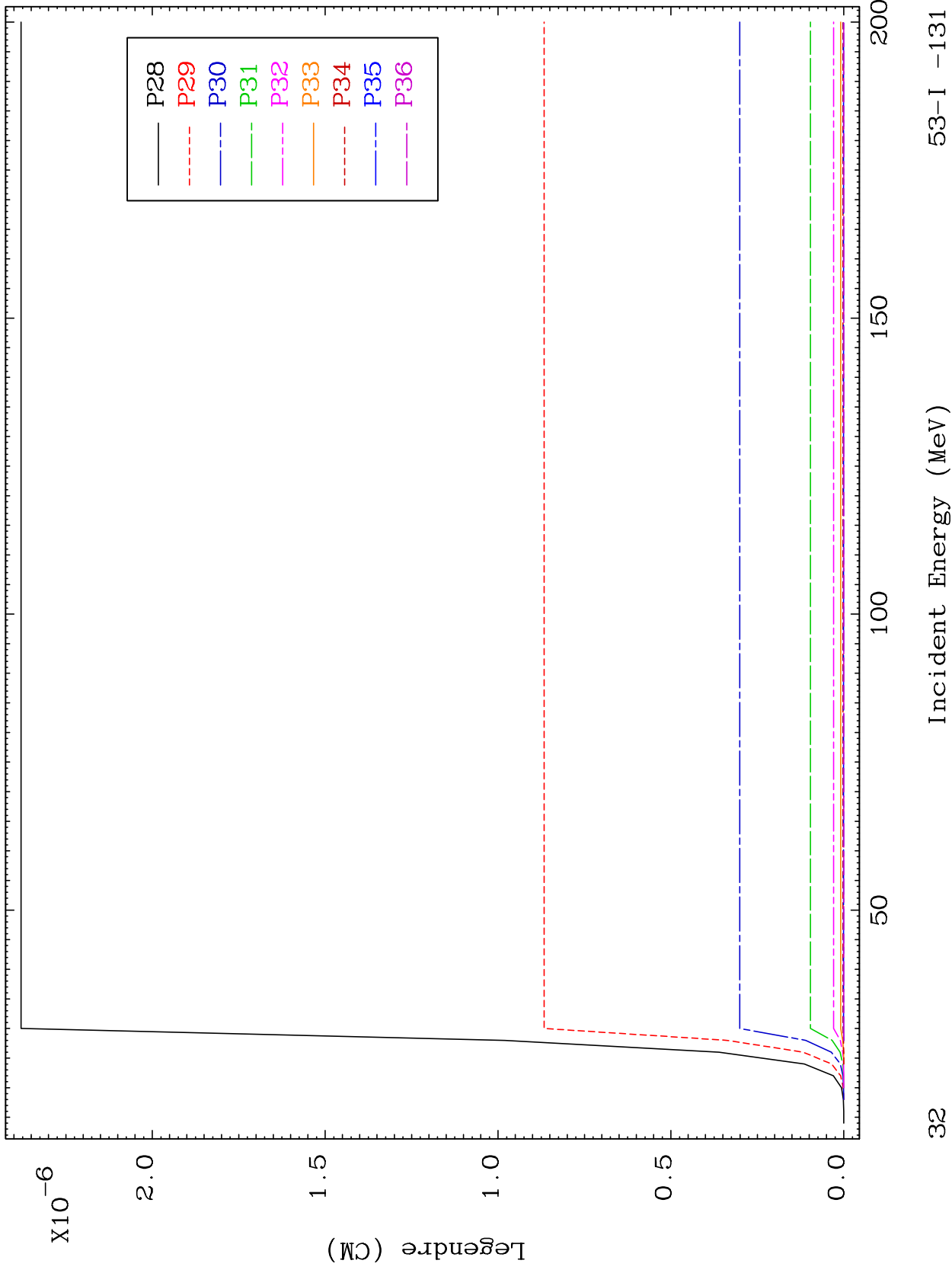
MT= 53 (n,n') Level
Legendre Coefficients

53-I -131



53-I -131



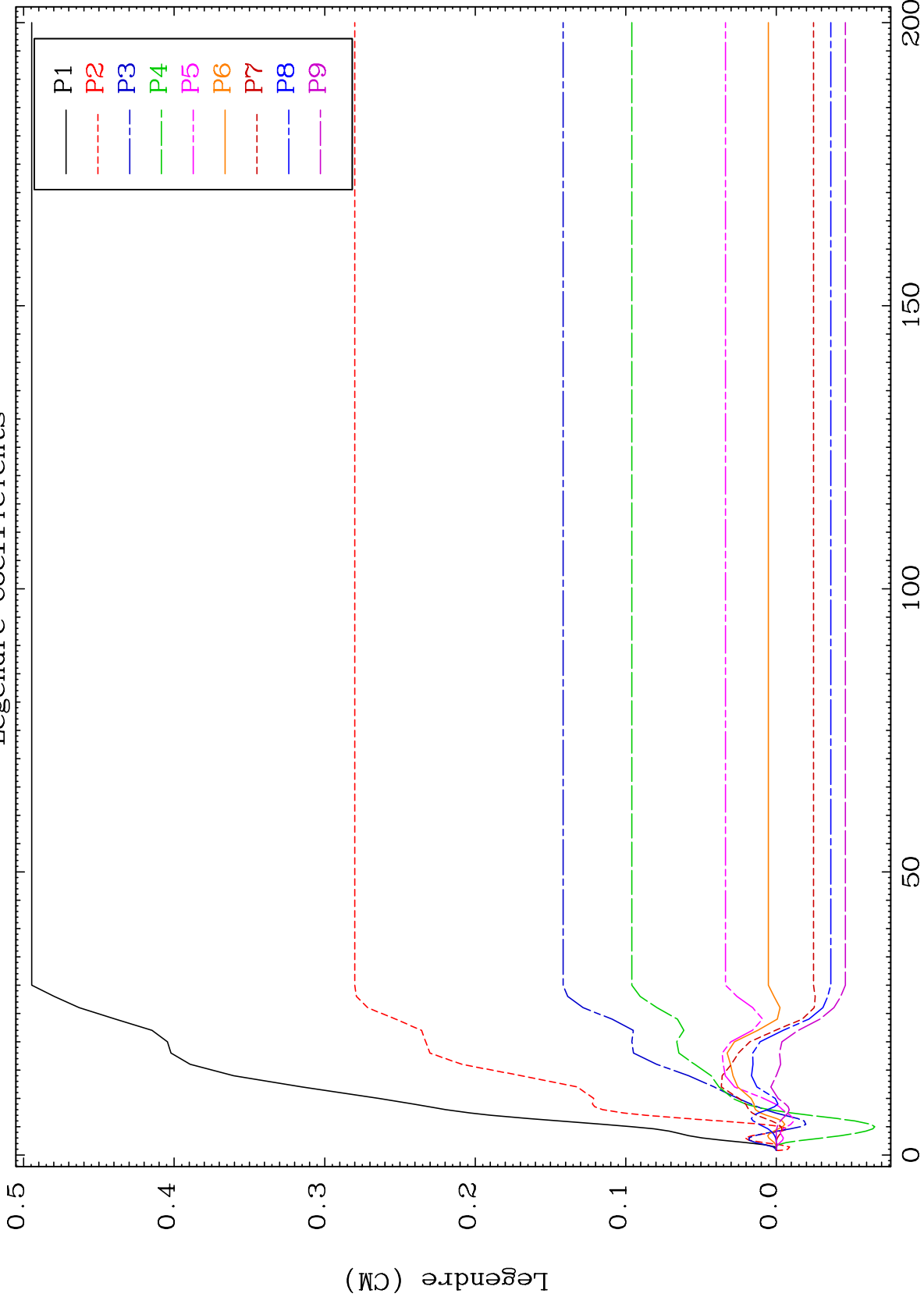


MAT 5337

MT= 54 (n,n') Level

53-I -131

Legendre Coefficients



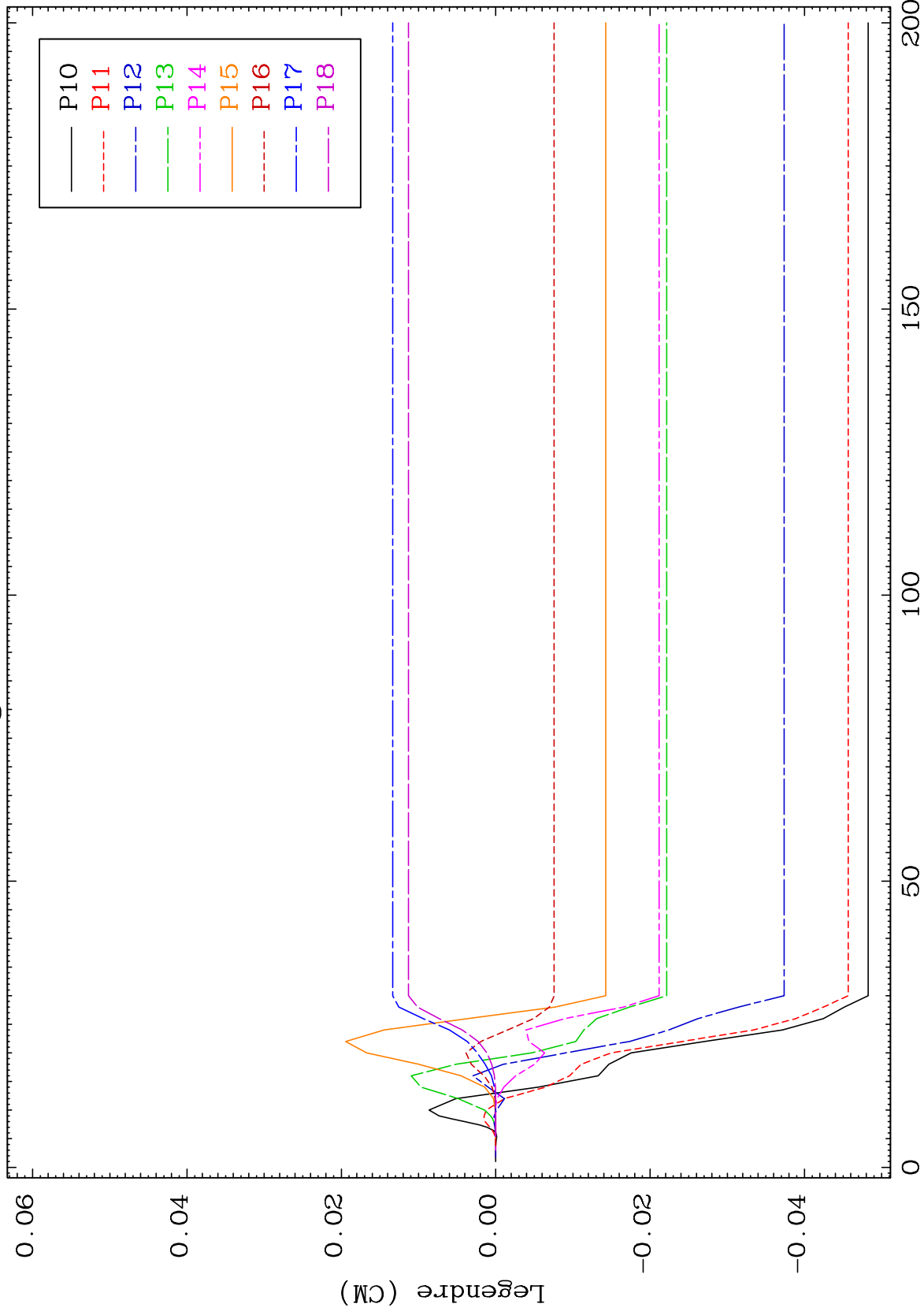
33

53-I -131

MAT 5337

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

53-I -131



34

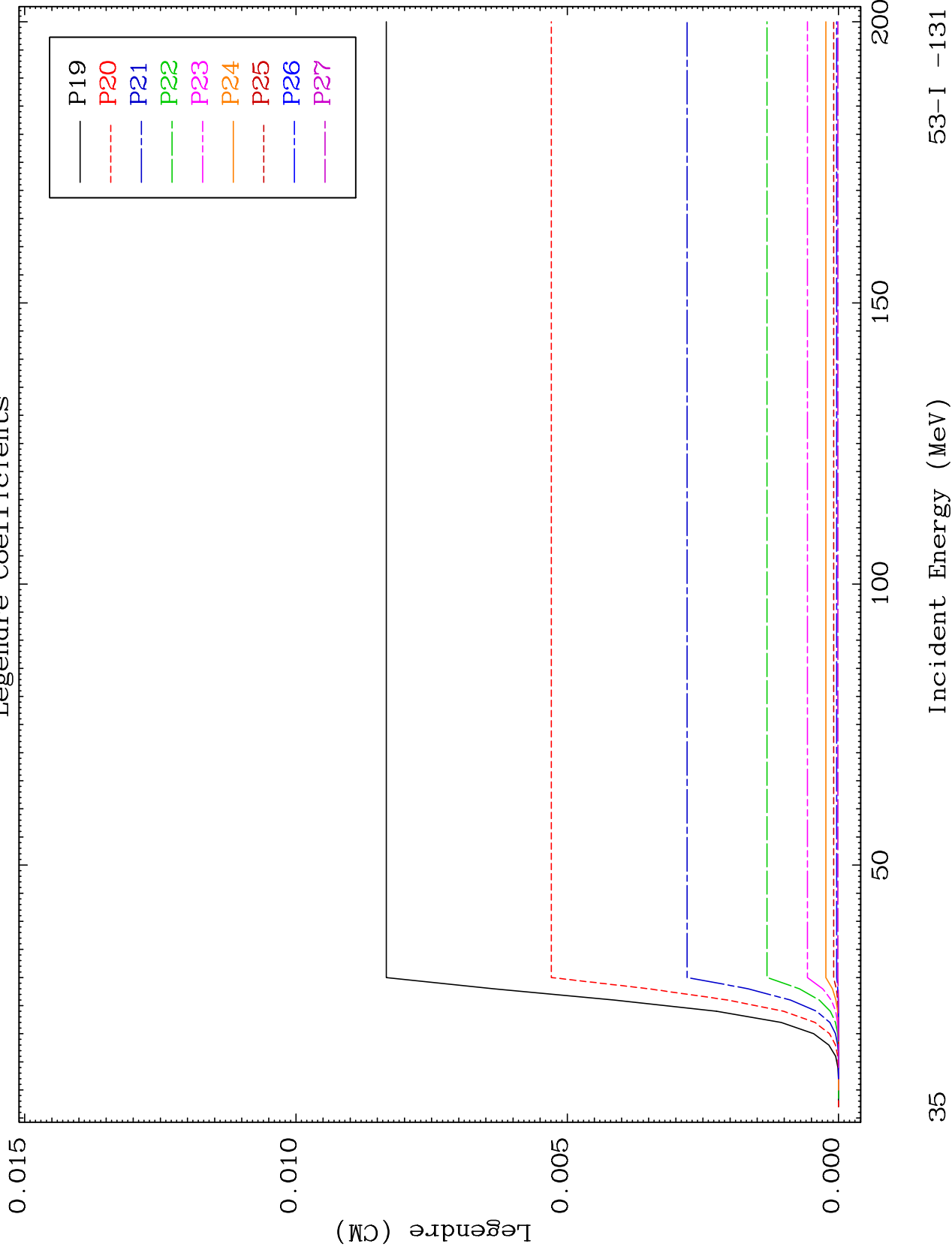
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



35

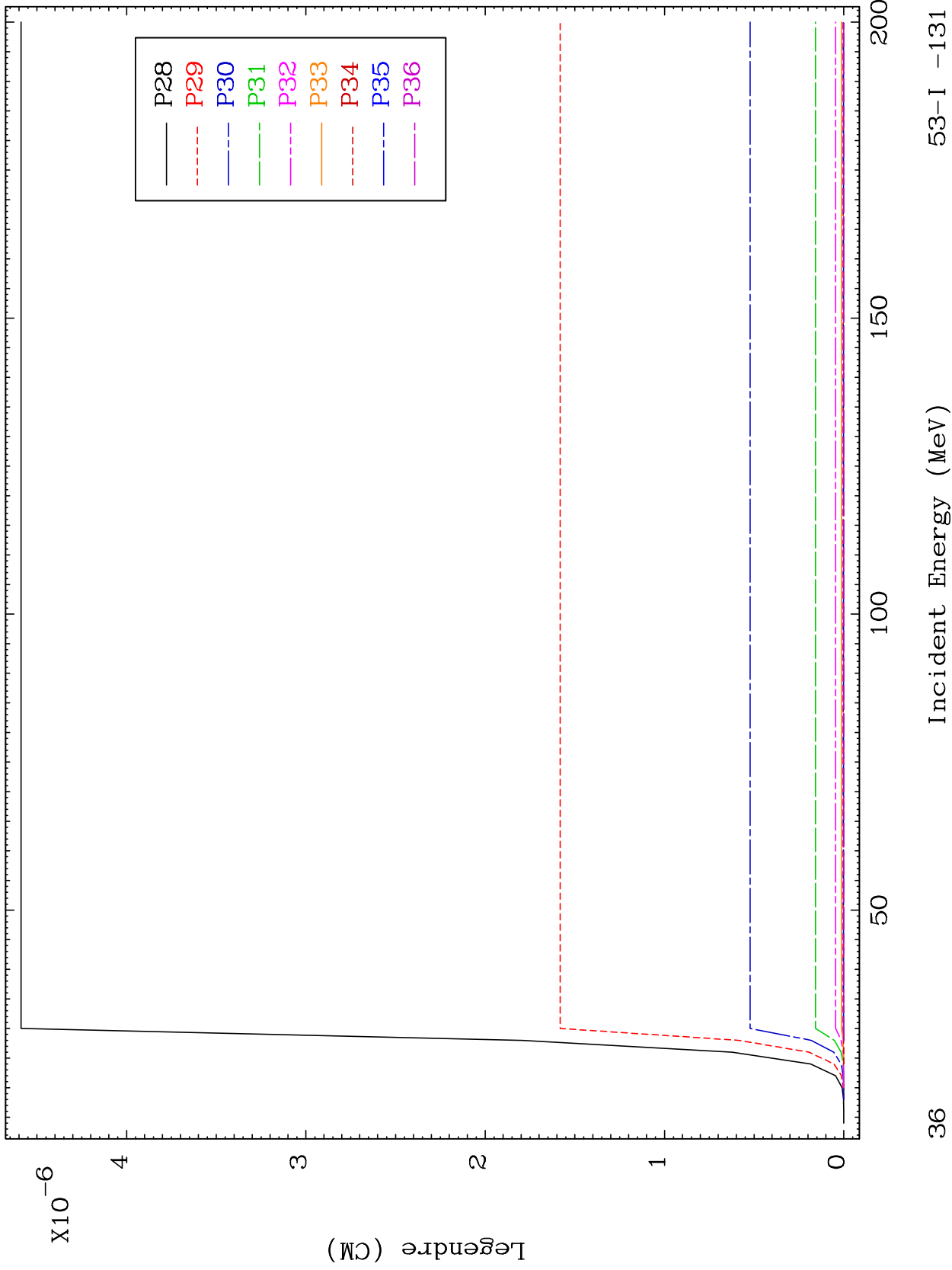
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131

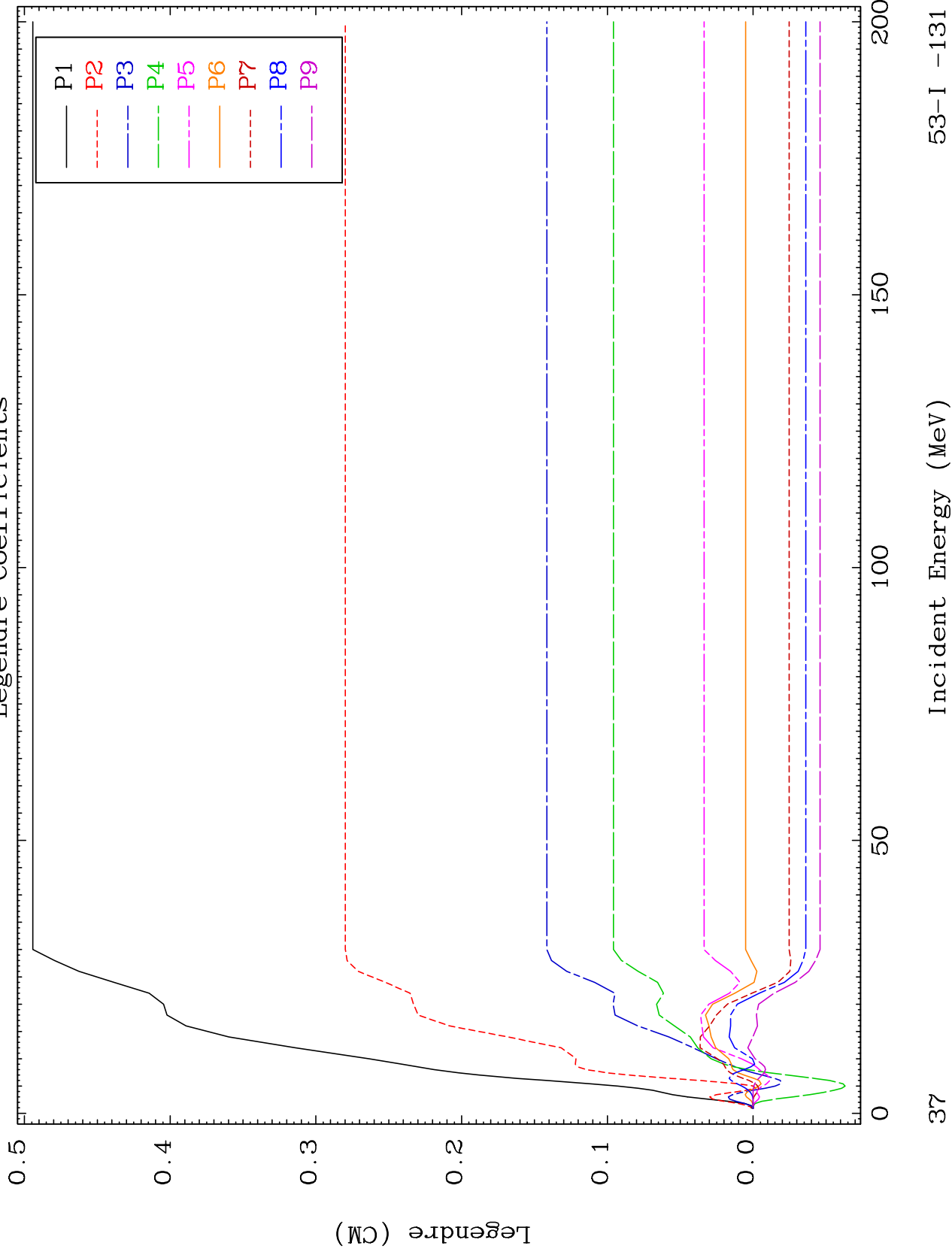


MAT 5337

MT= 55 (n,n') Level

53-I -131

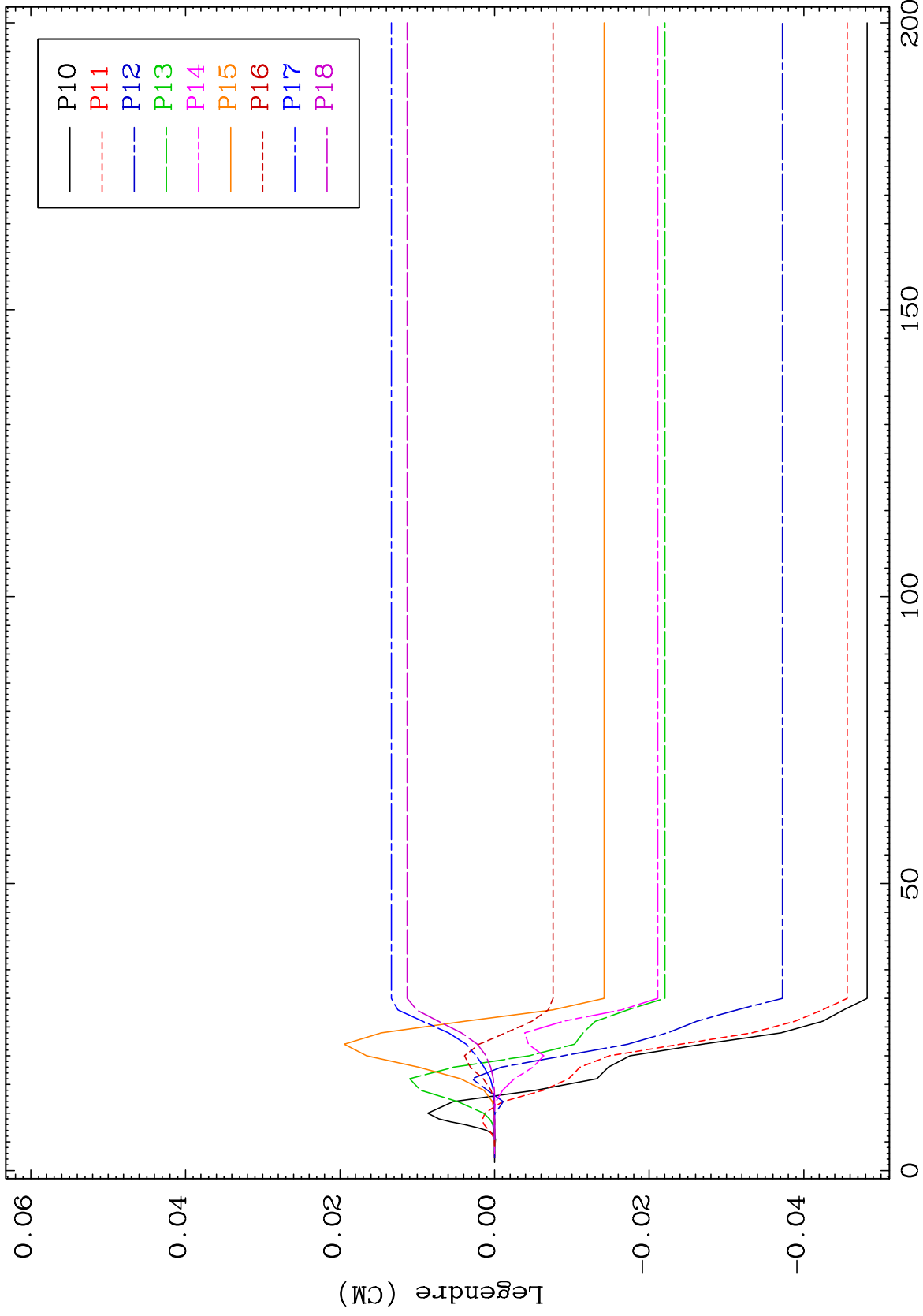
Legendre Coefficients



MAT 5337

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

53-I -131



38

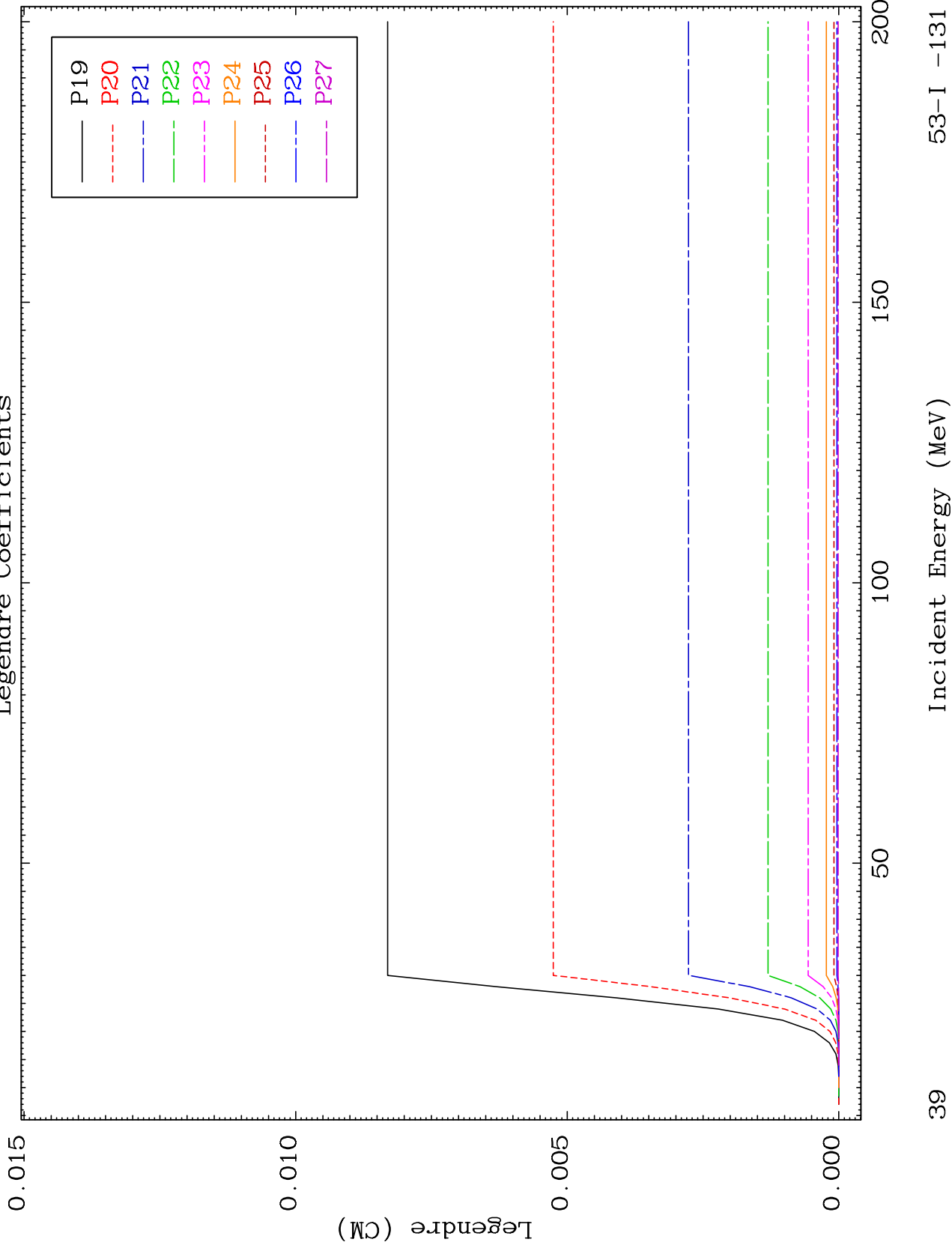
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



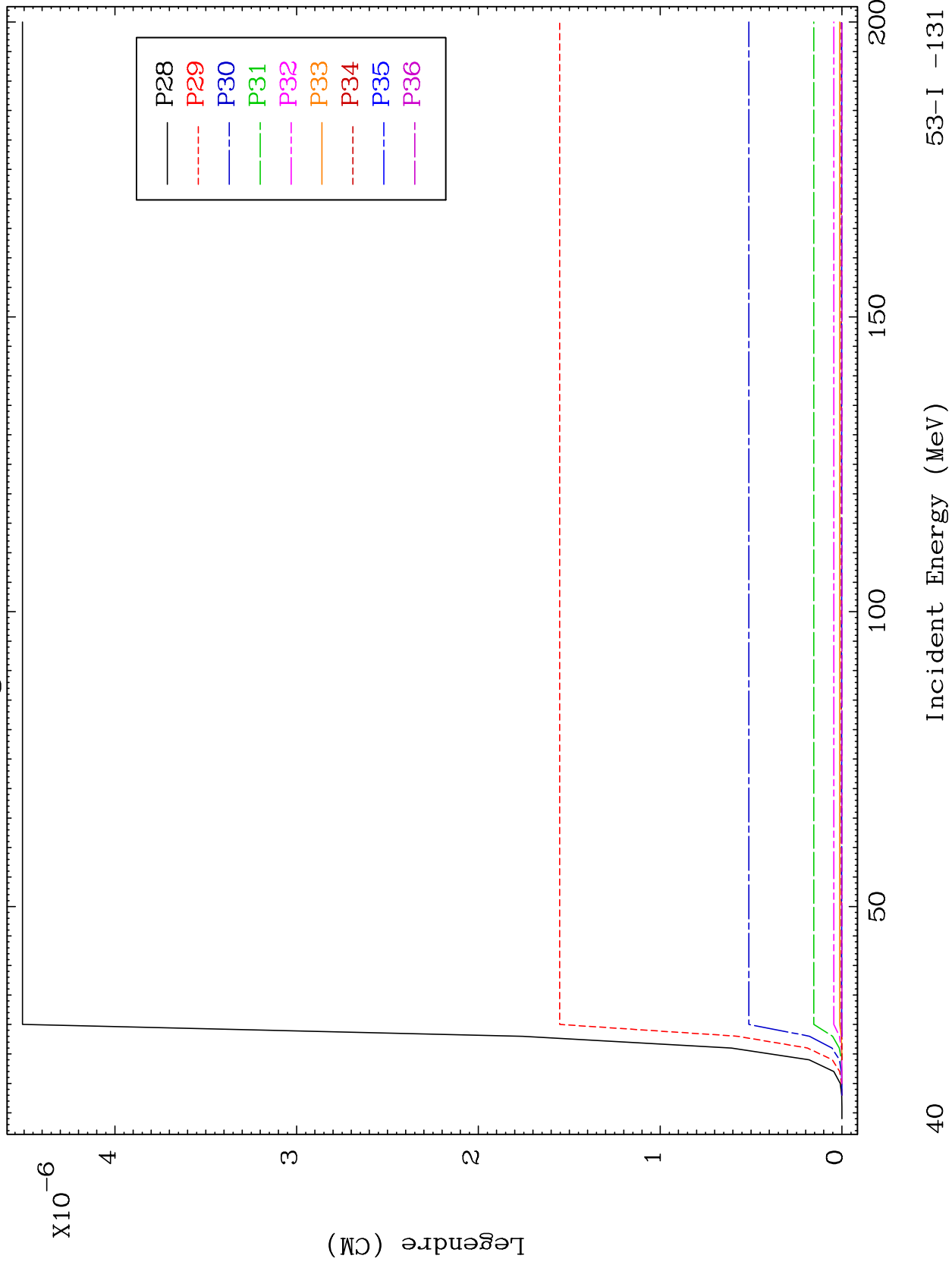
39

53-I -131

MAT 5337

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

53-I -131



53-I -131

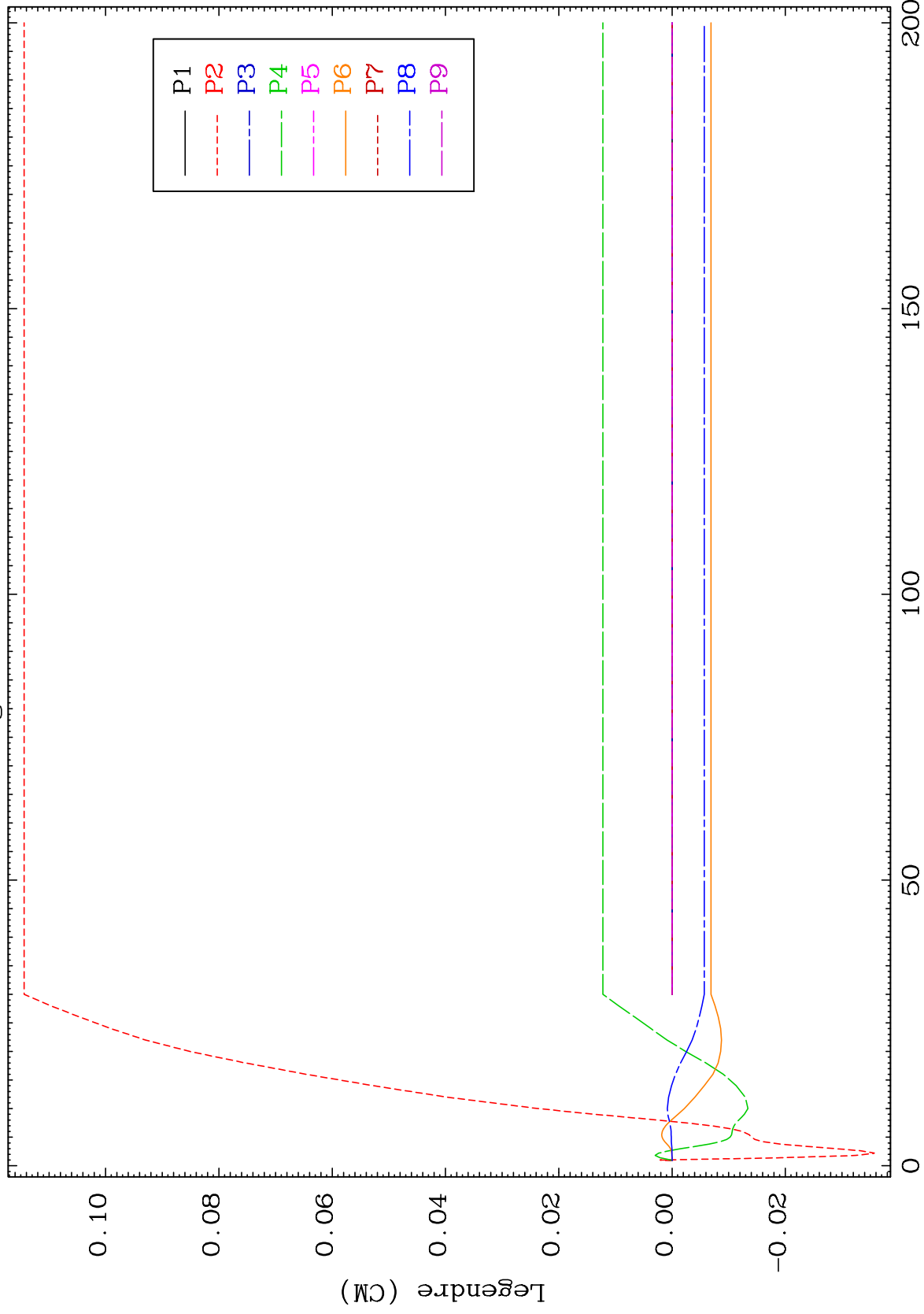
Incident Energy (MeV)

40

MAT 5337

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

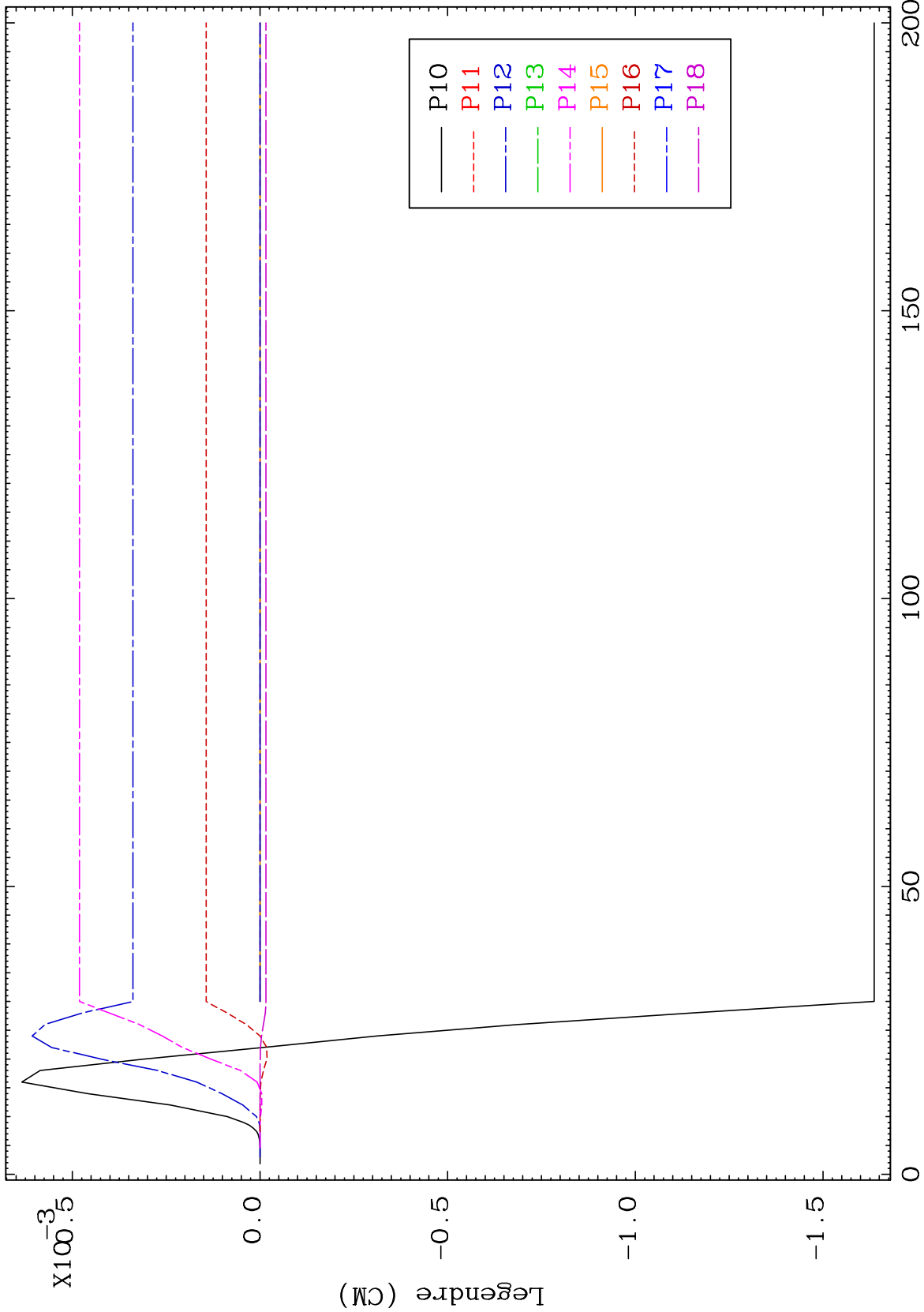
53-I -131



41

Incident Energy (MeV)

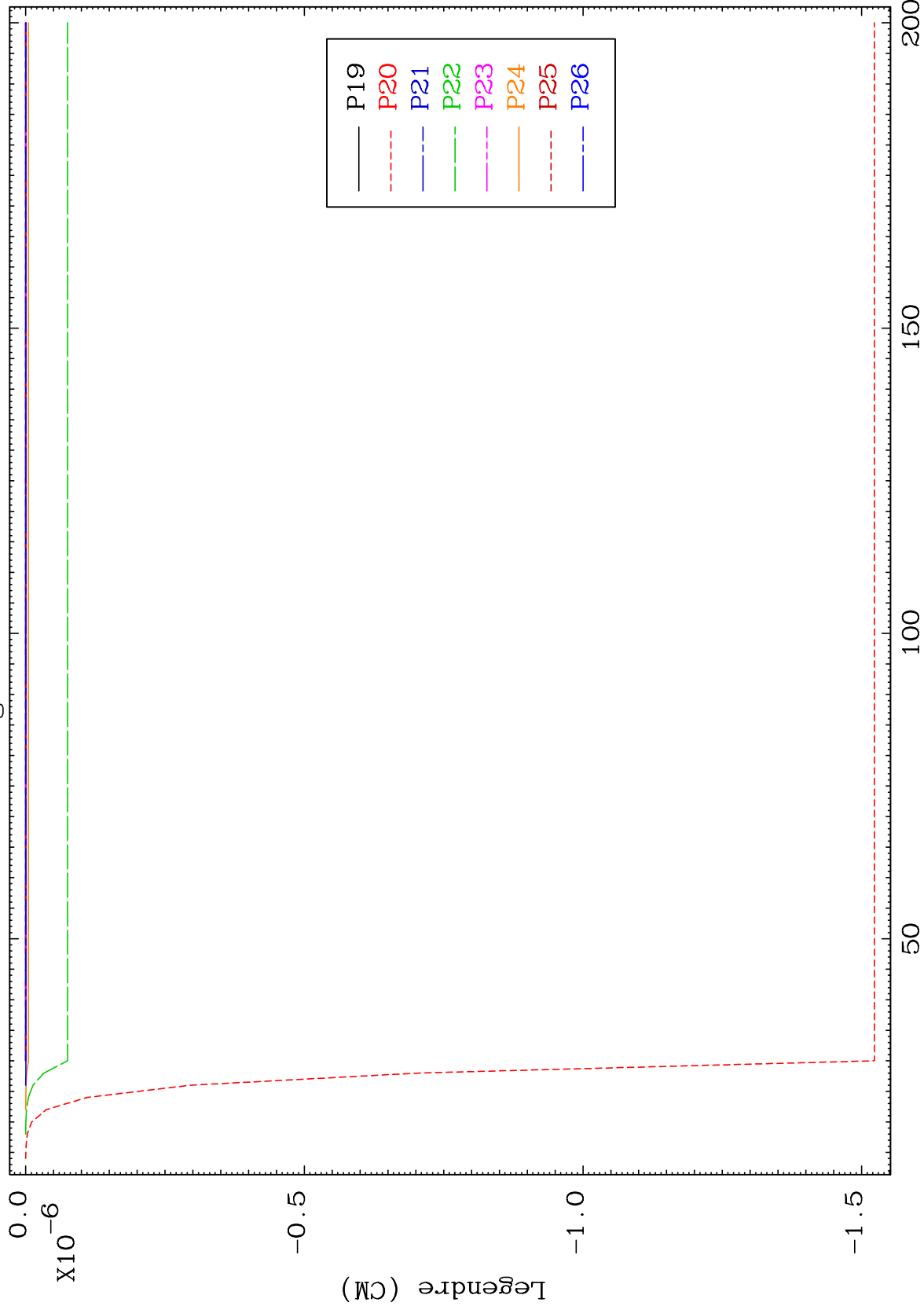
53-I -131



MAT 5337

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

53-I -131



43

Incident Energy (MeV)

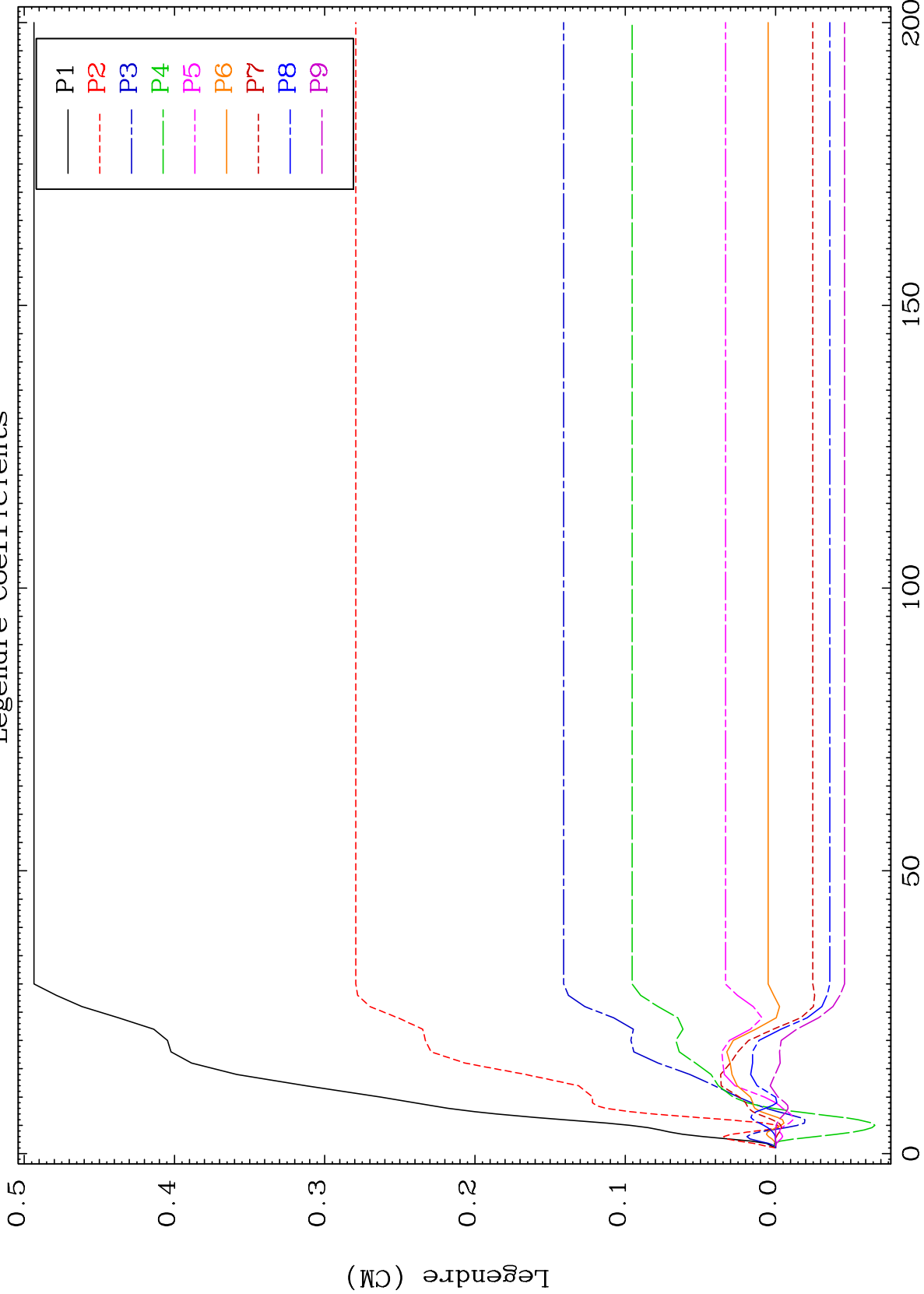
53-I -131

MAT 5337

MT= 57 (n,n') Level

53-I -131

Legendre Coefficients



44

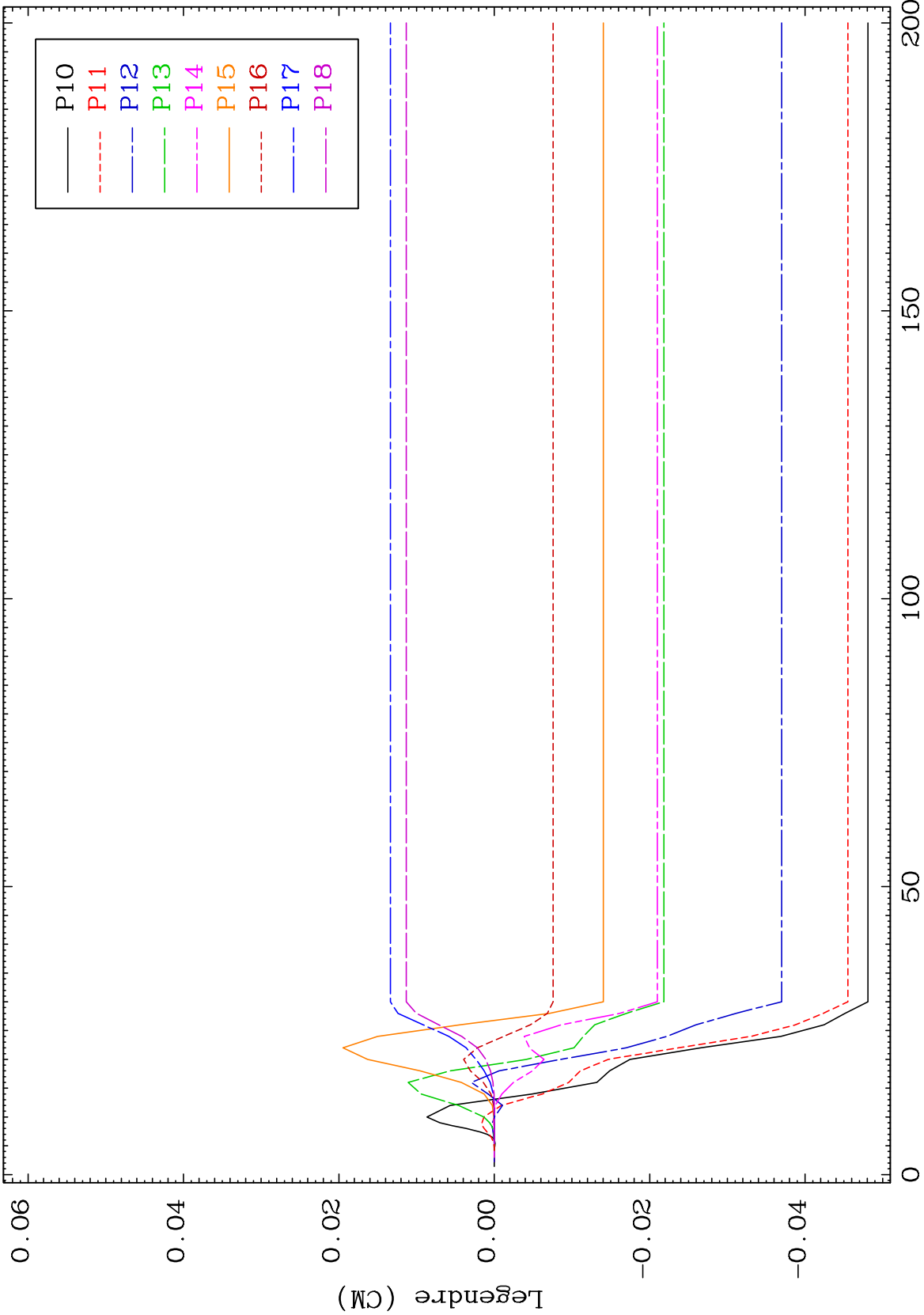
Incident Energy (MeV)

53-I -131

MAT 5337

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

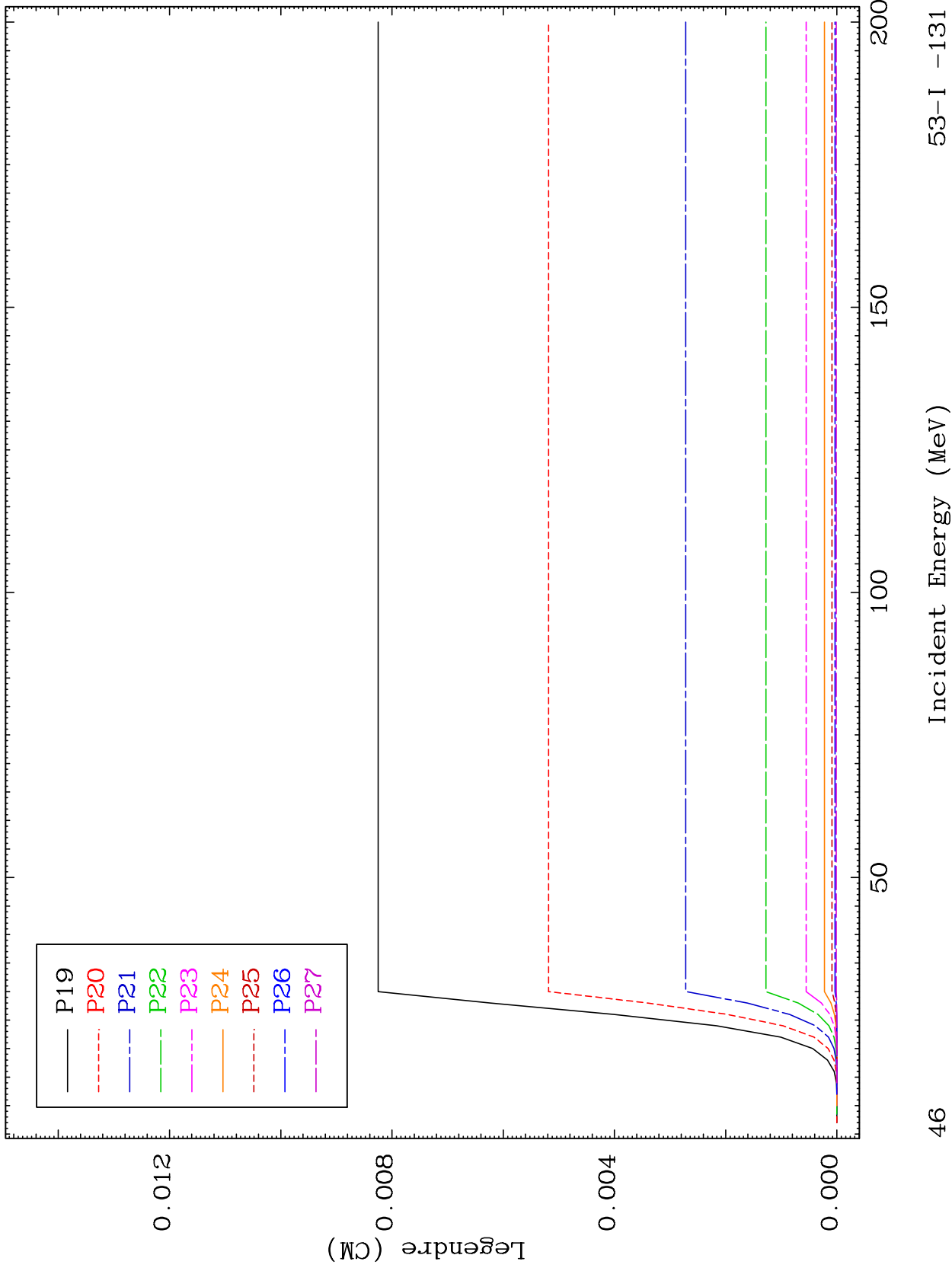
53-I -131



45

Incident Energy (MeV)

53-I -131

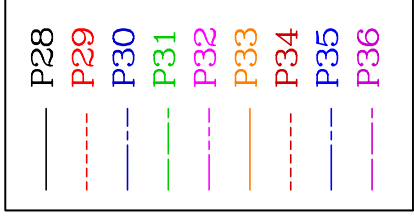


MAT 5337

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

53-I -131

$\times 10^{-6}$

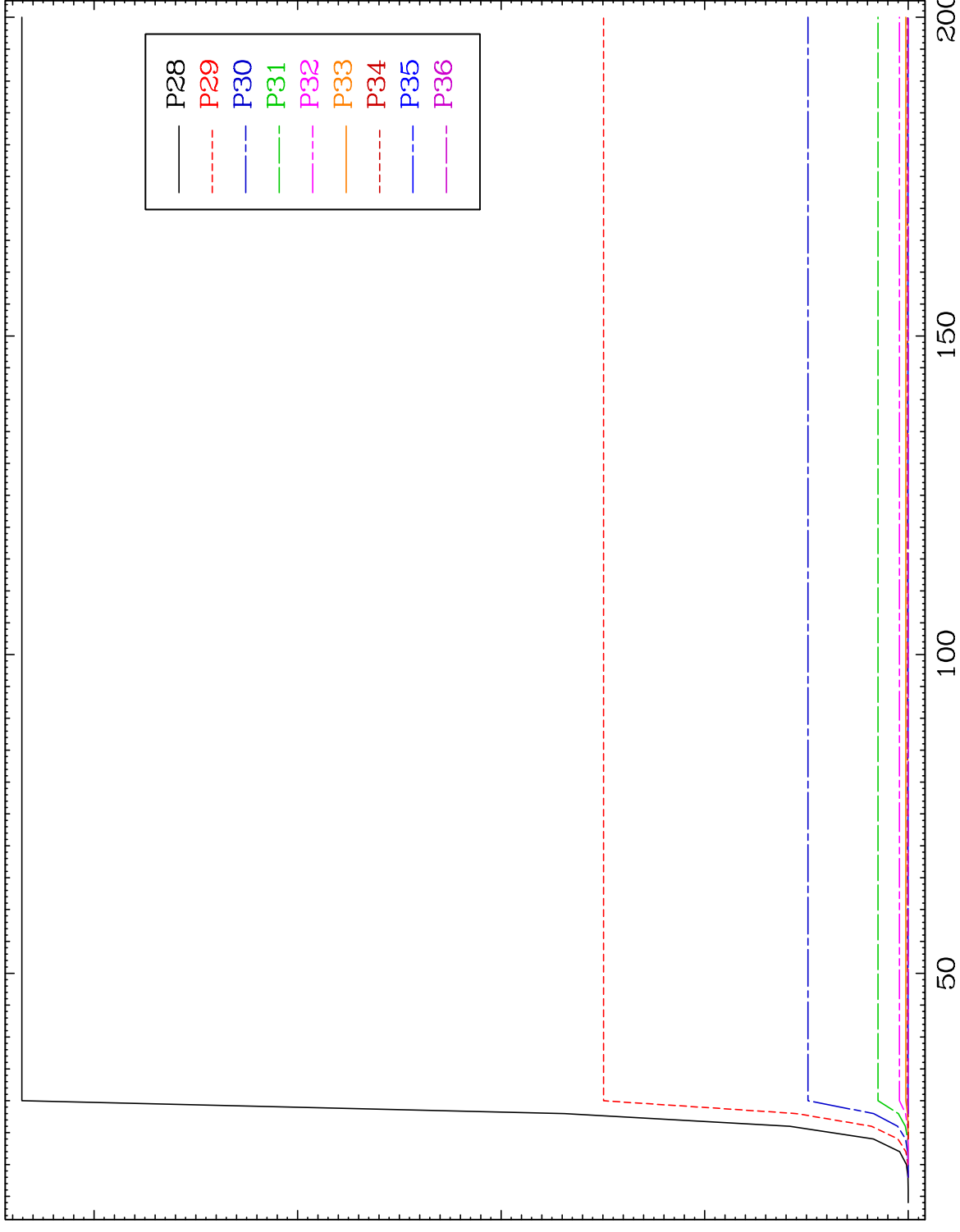


Legendre (CM)

47

Incident Energy (MeV)

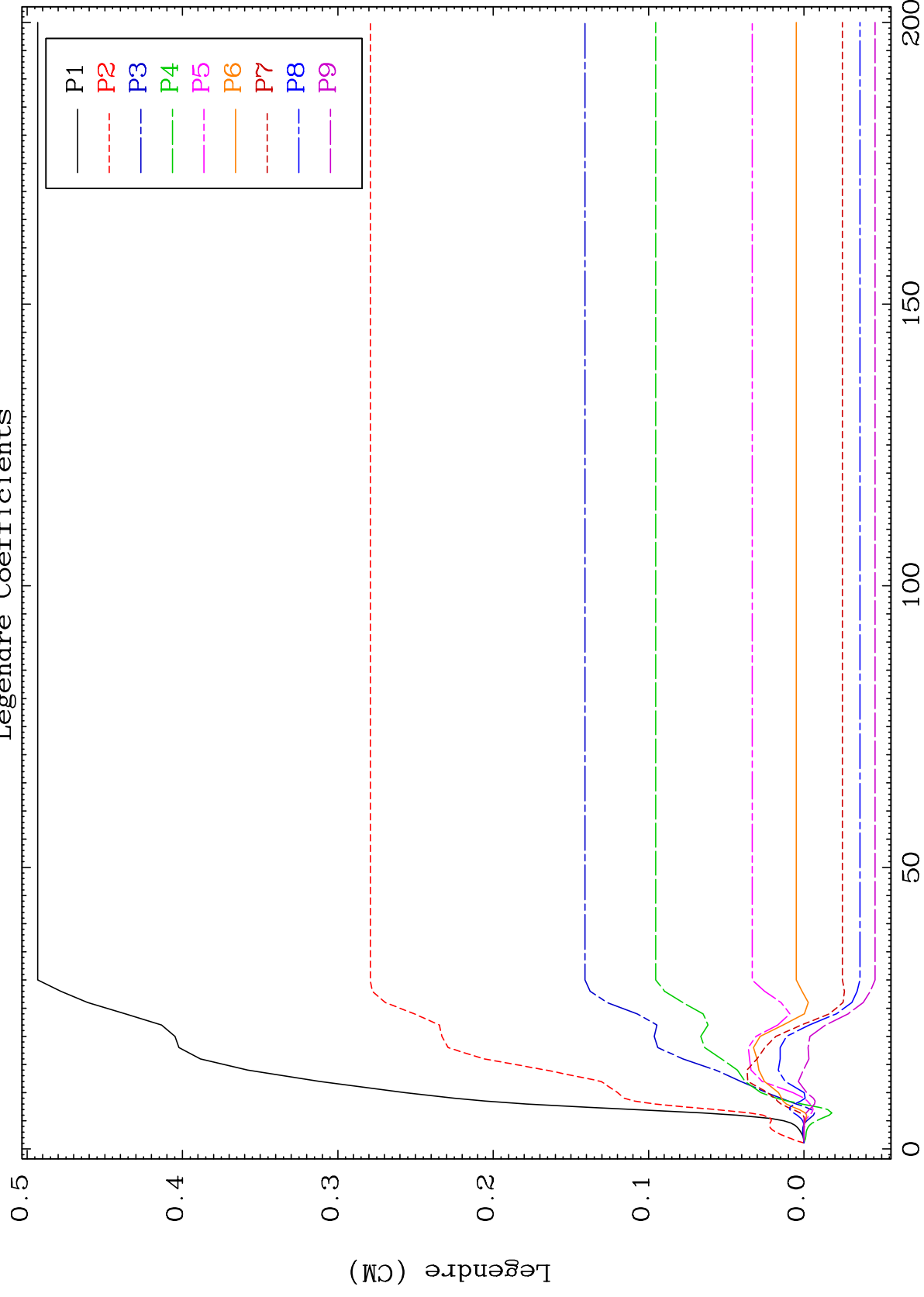
53-I -131



MAT 5337

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

53-I -131



48

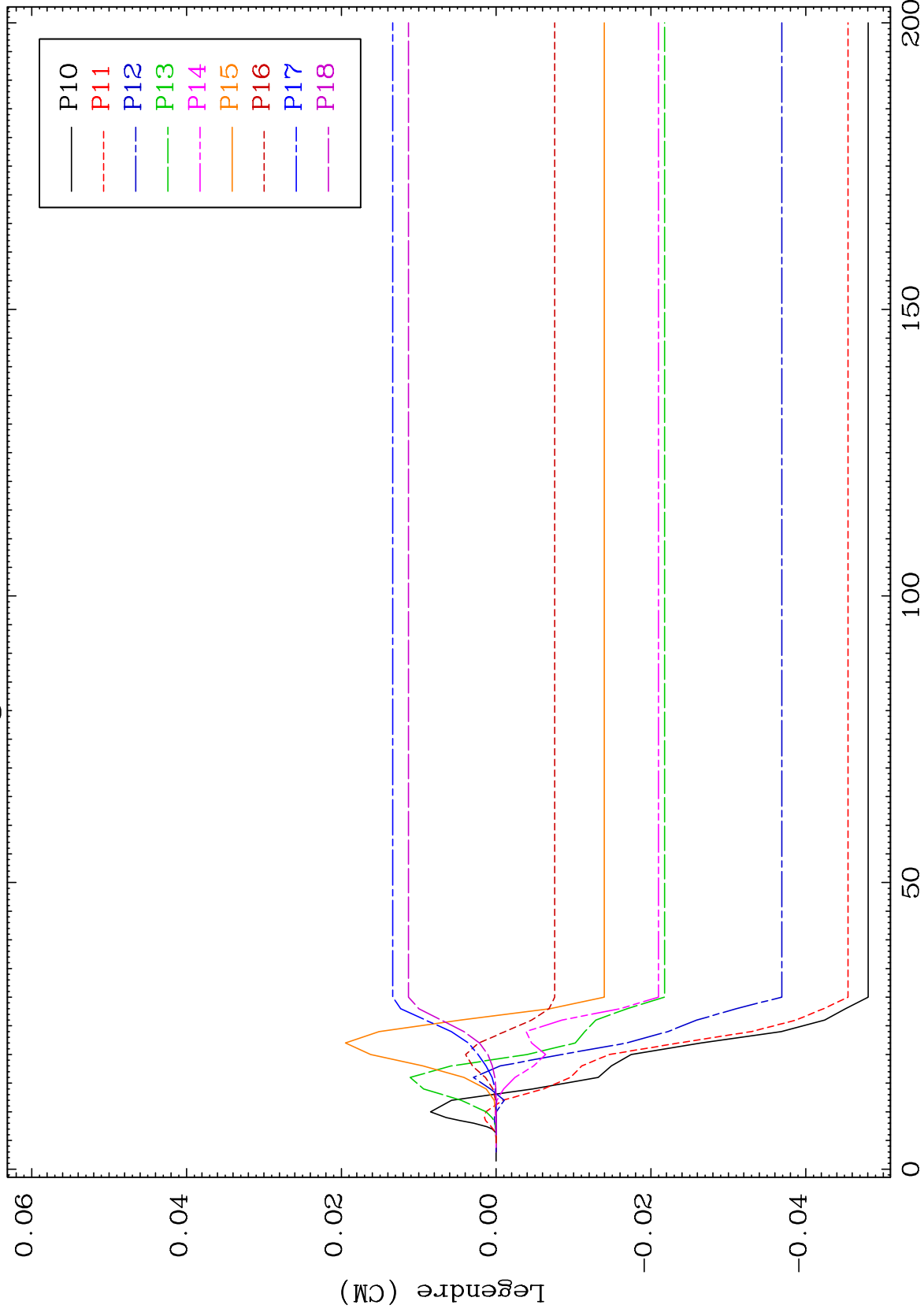
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



49

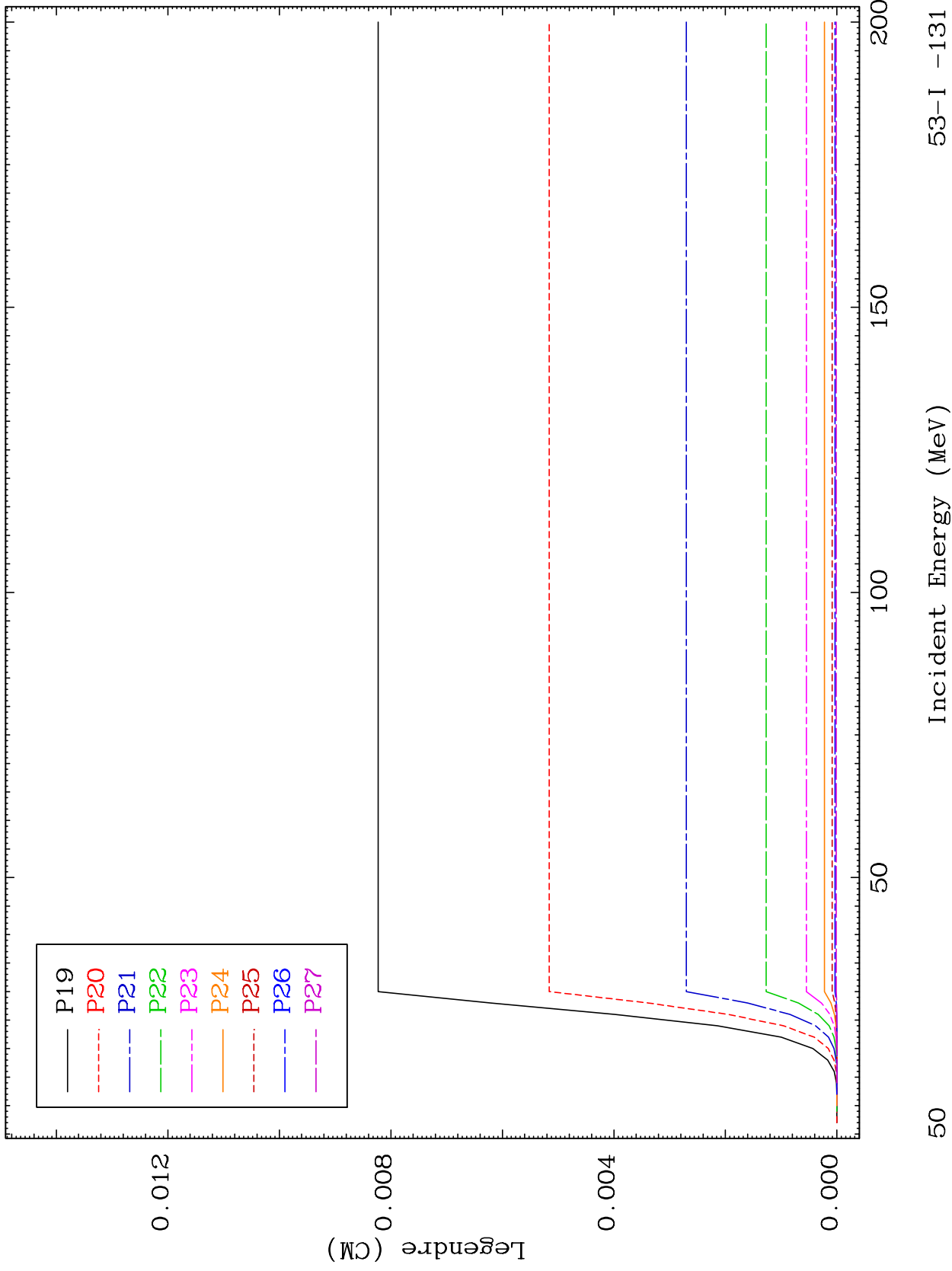
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



53-I -131

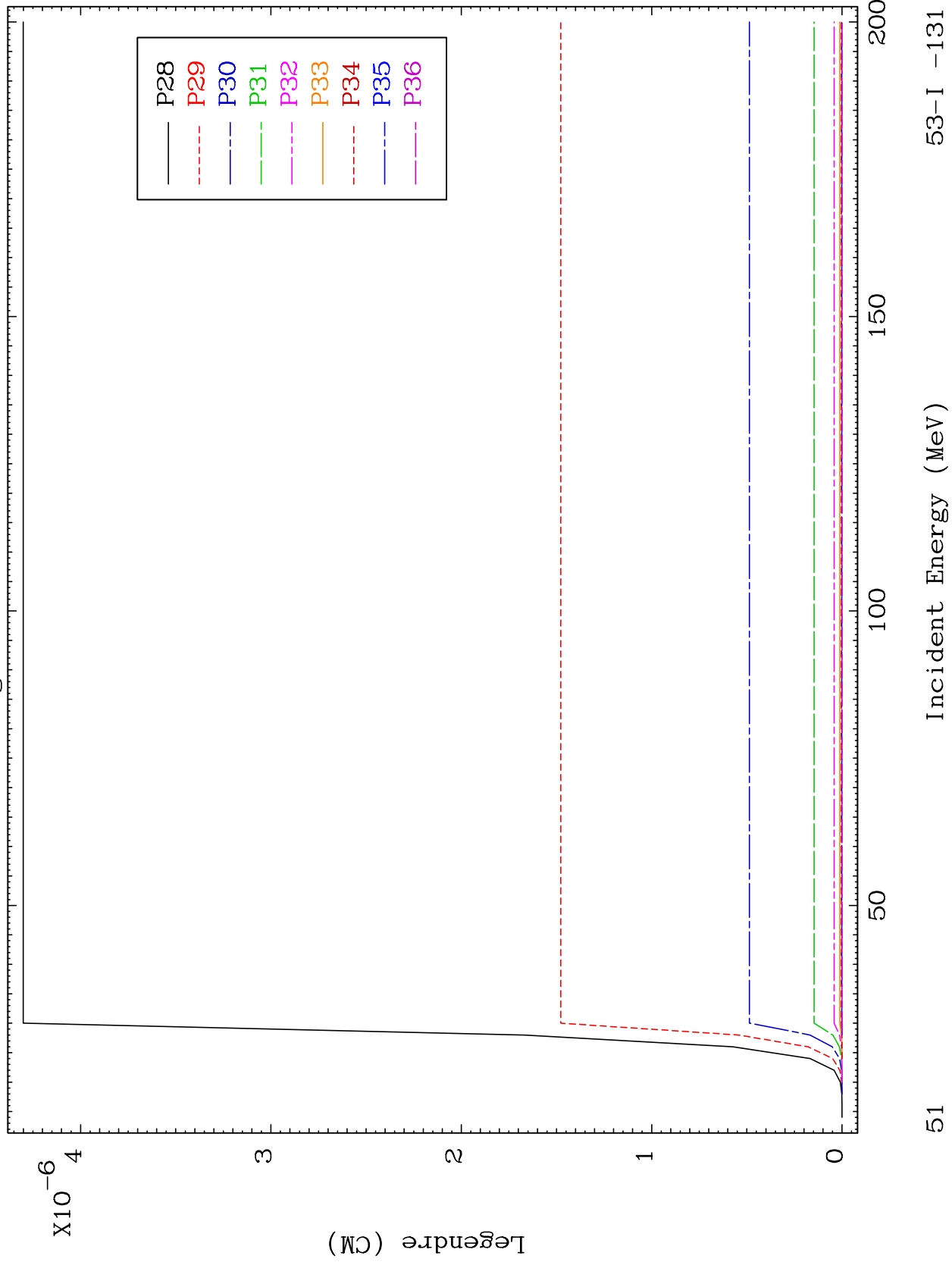
Incident Energy (MeV)

50

MAT 5337

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

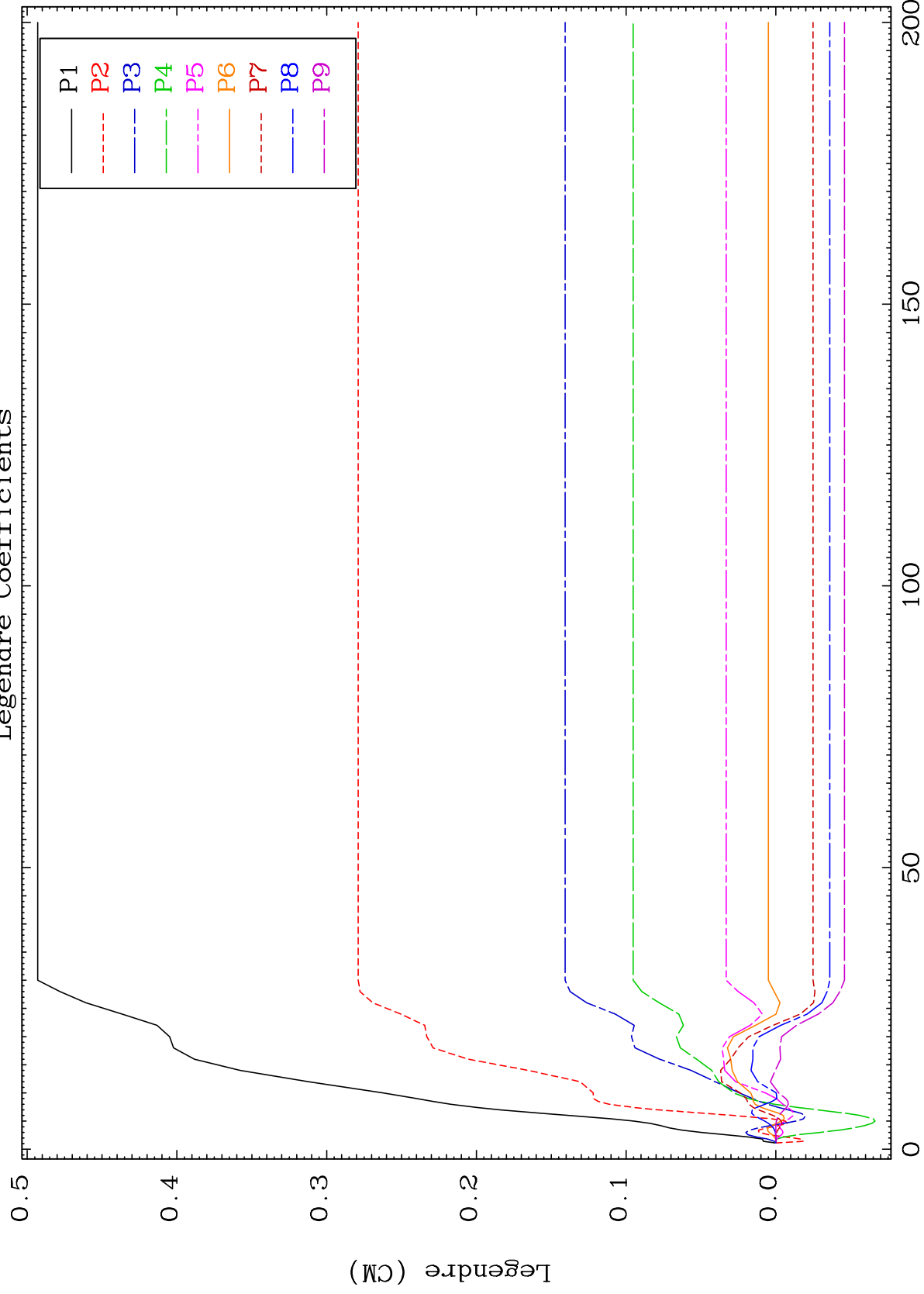
53-I -131



MAT 5337

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

53-I -131



52

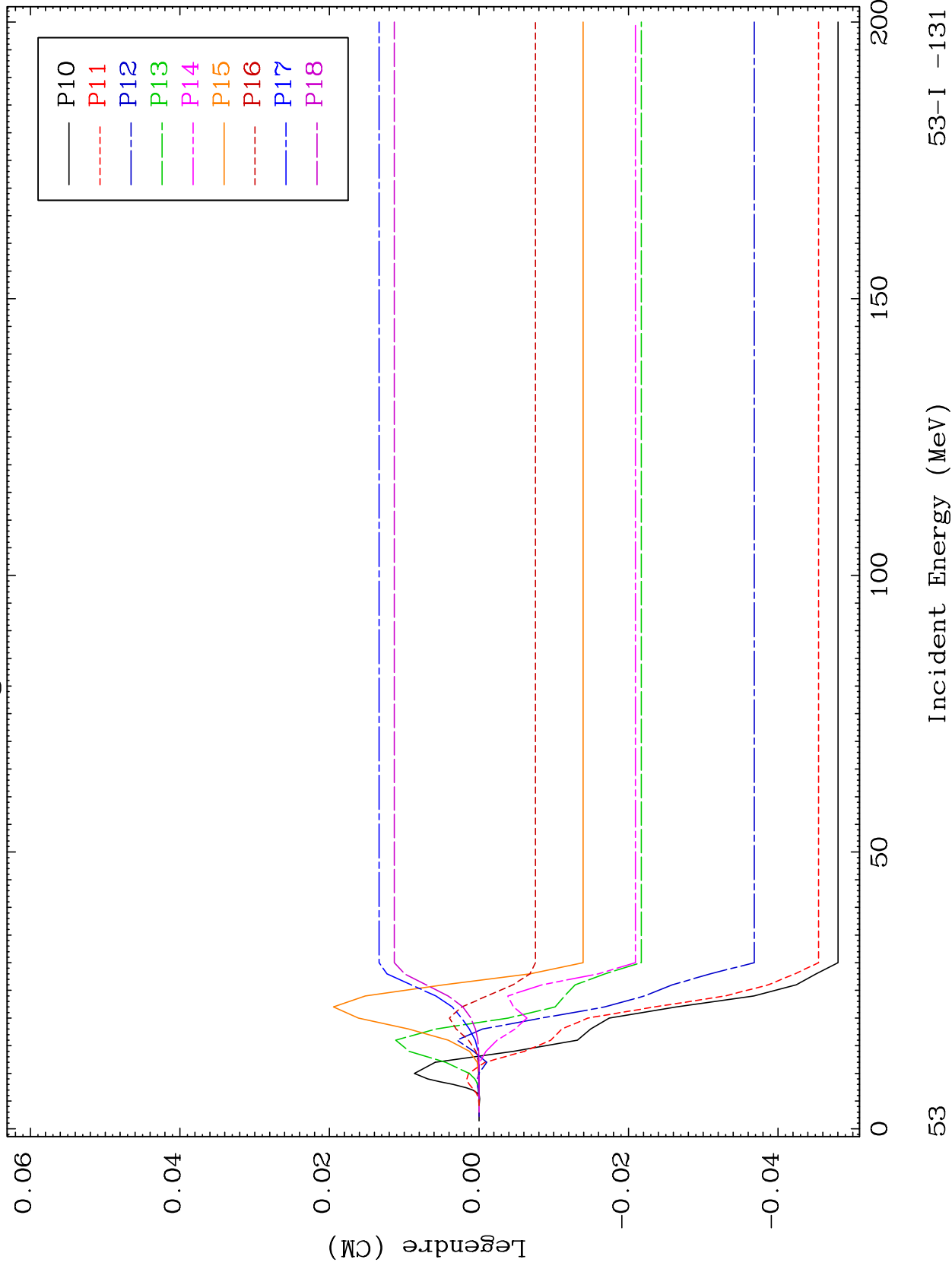
Incident Energy (MeV)

53-I -131

MAT 5337

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

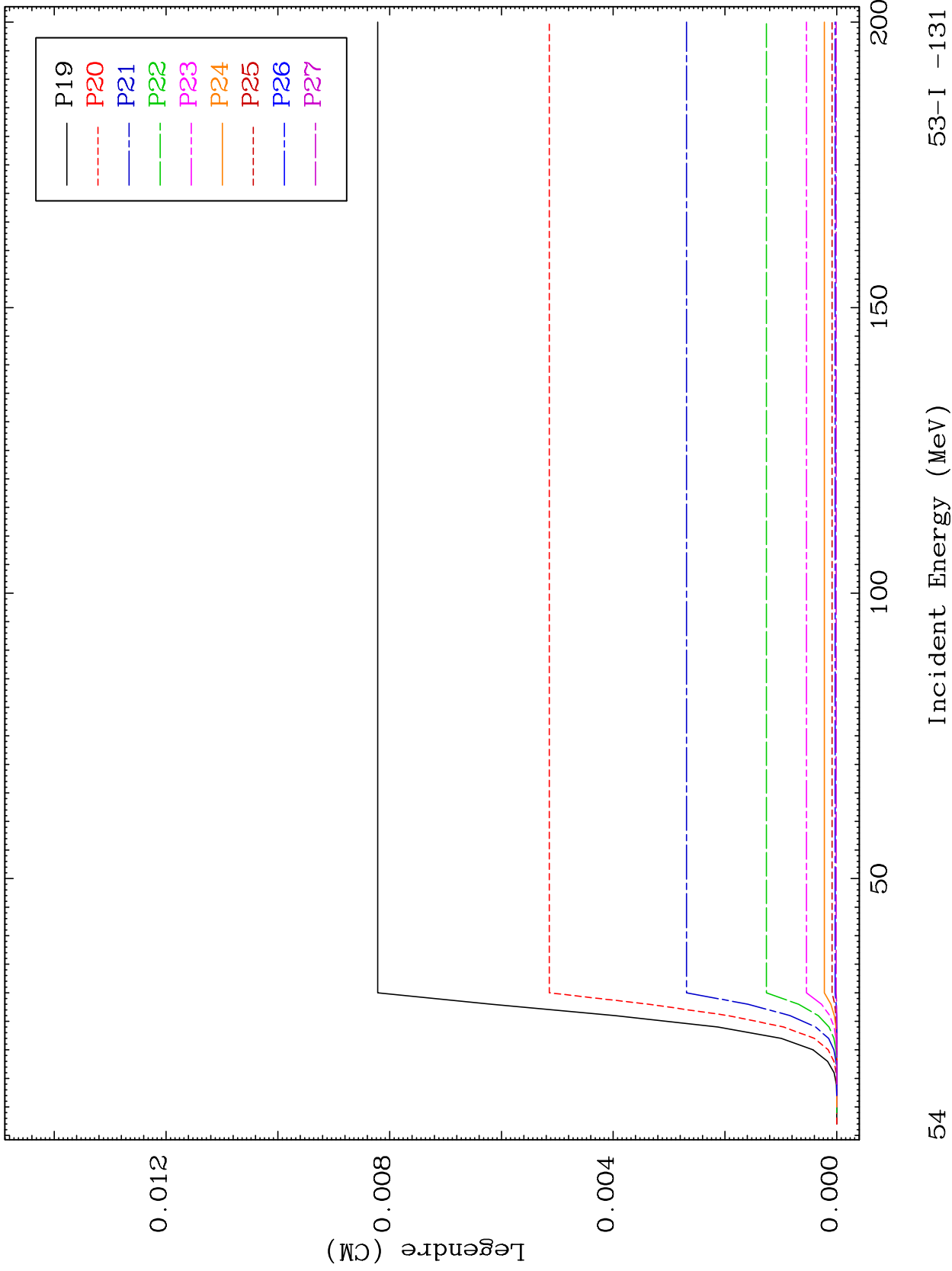
53-I -131



53

Incident Energy (MeV)

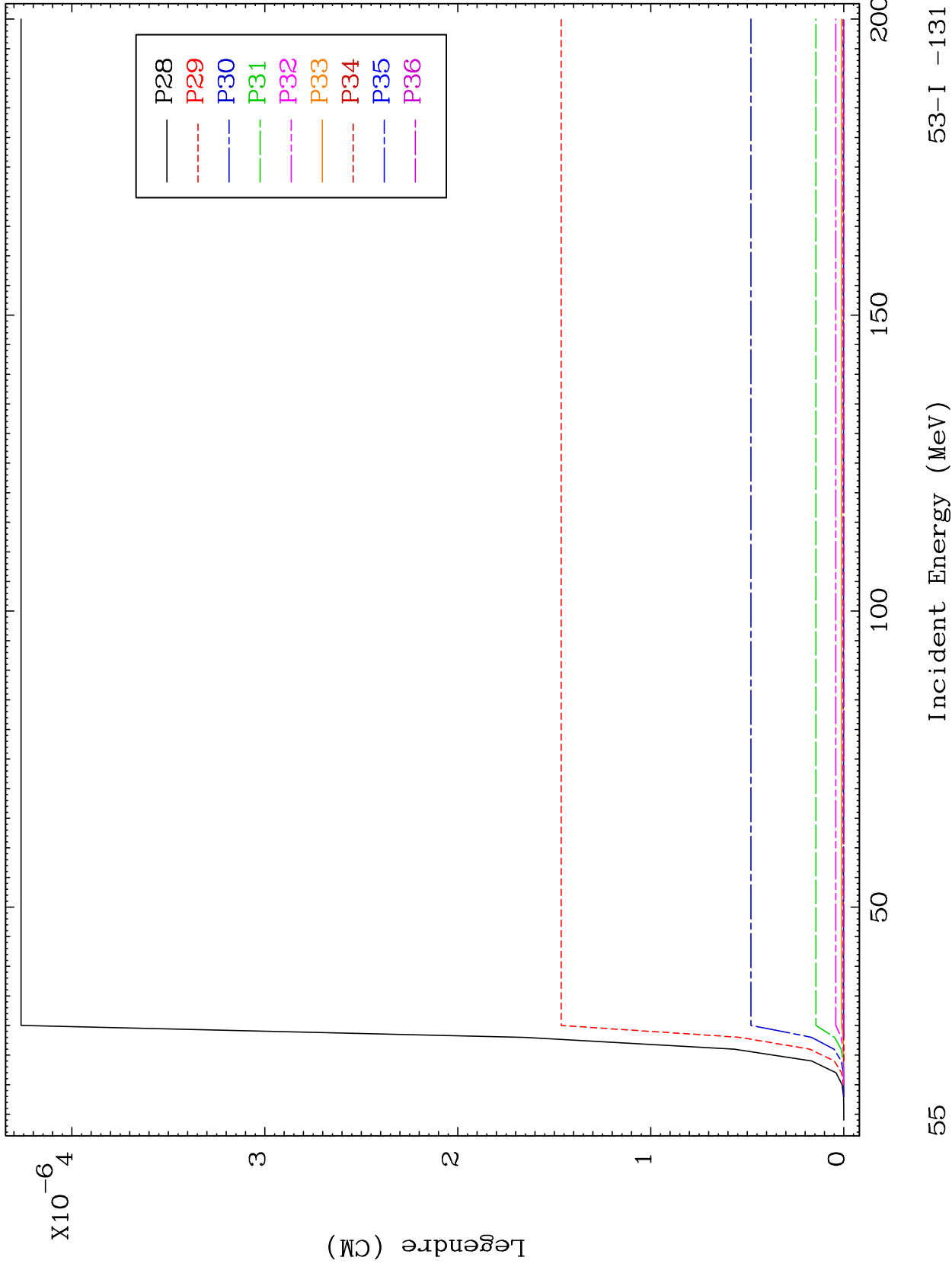
53-I -131



MAT 5337

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

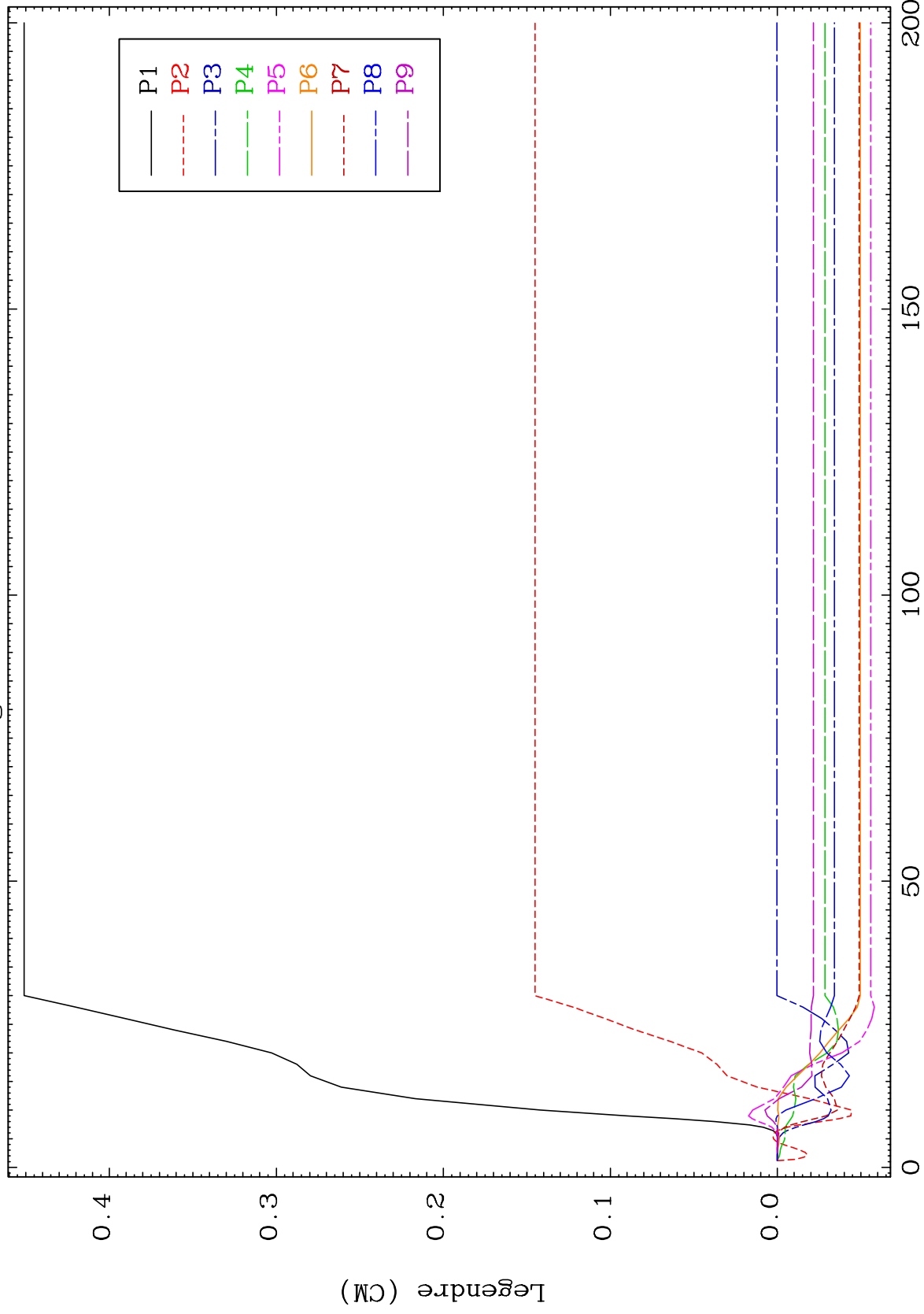
53-I -131



MAT 5337

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

53-I -131



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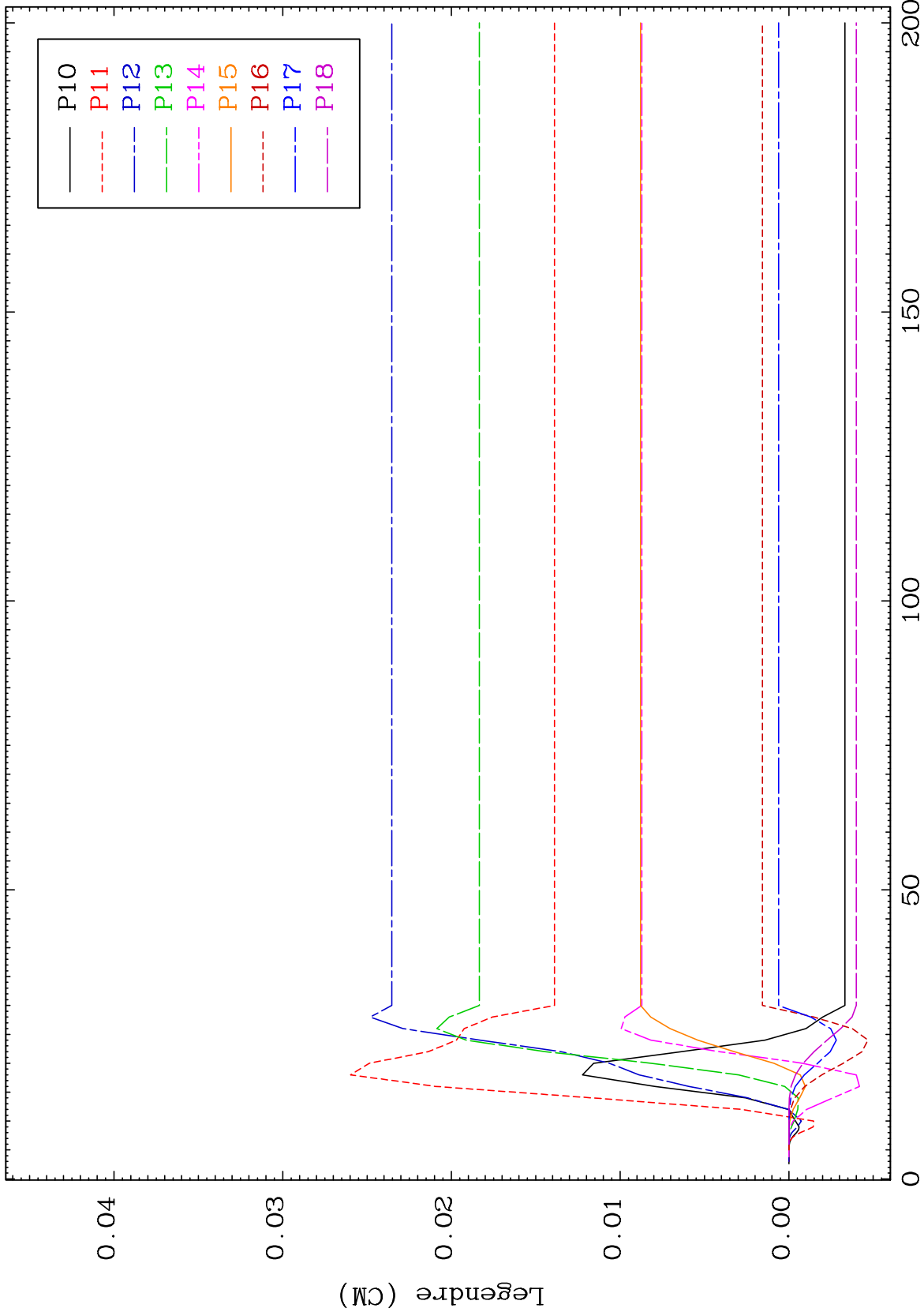
Incident Energy (MeV)

53-I -131

MAT 5337

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

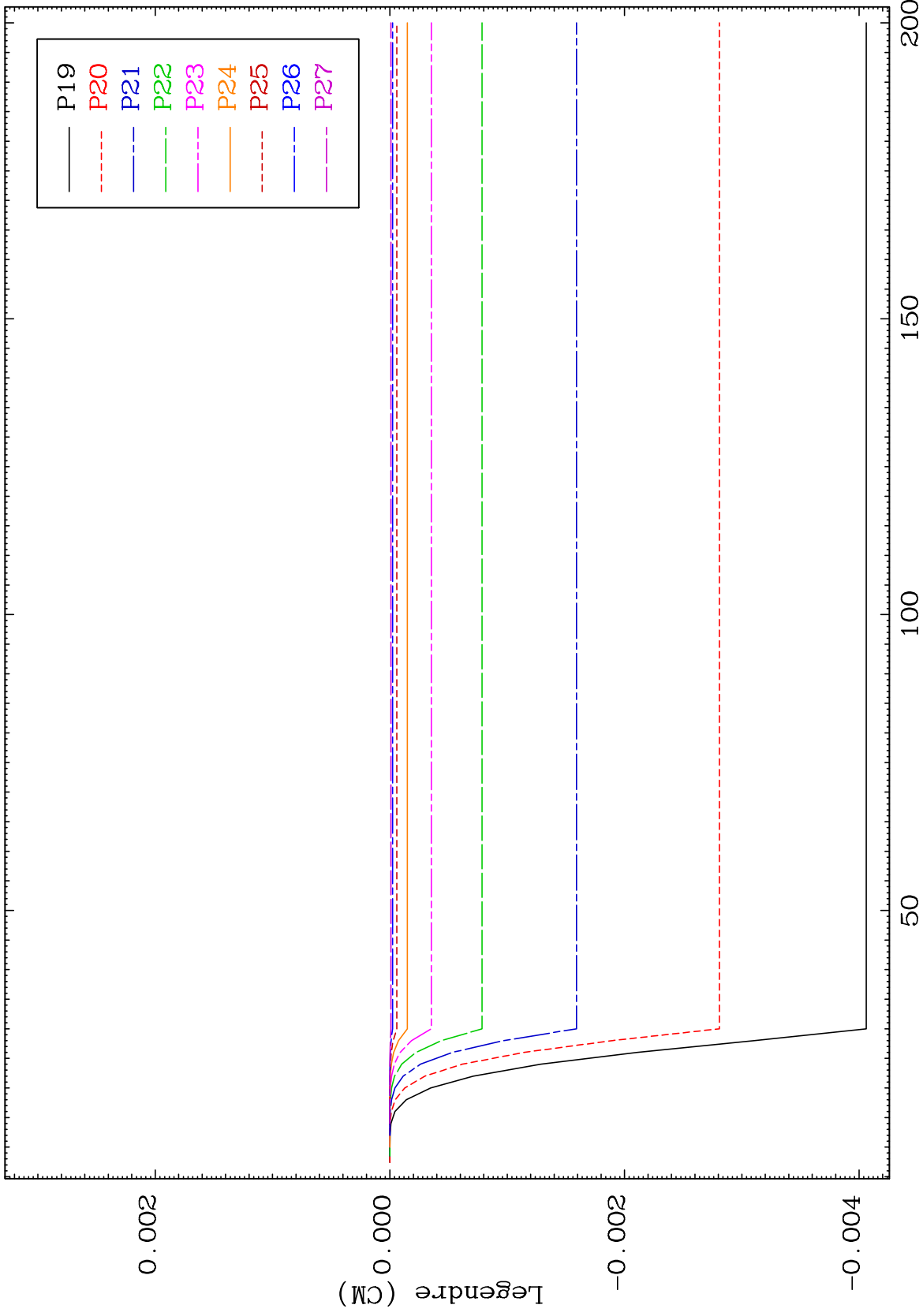
53-I -131



57

Incident Energy (MeV)

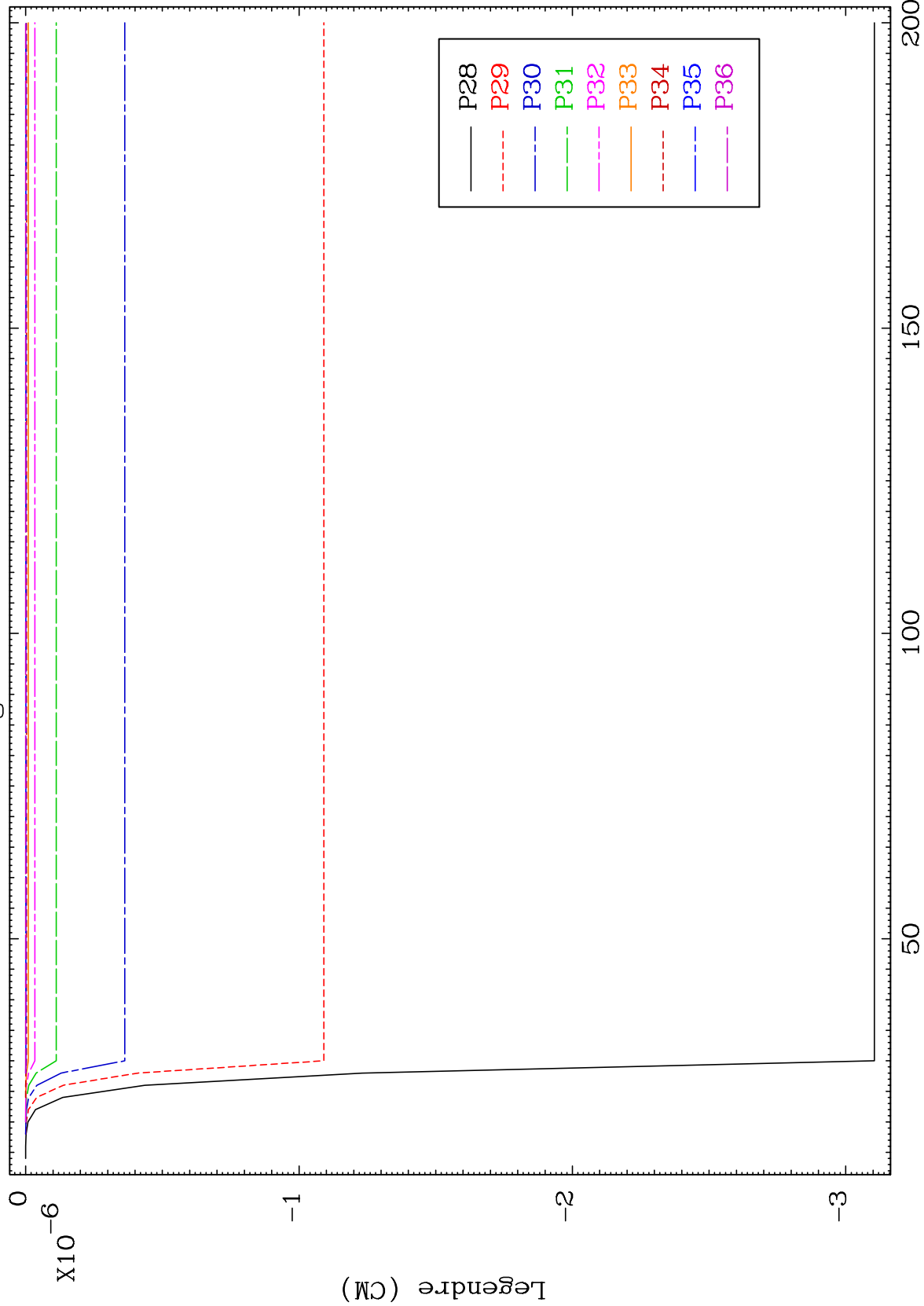
53-I -131



MAT 5337

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

53-I -131



59

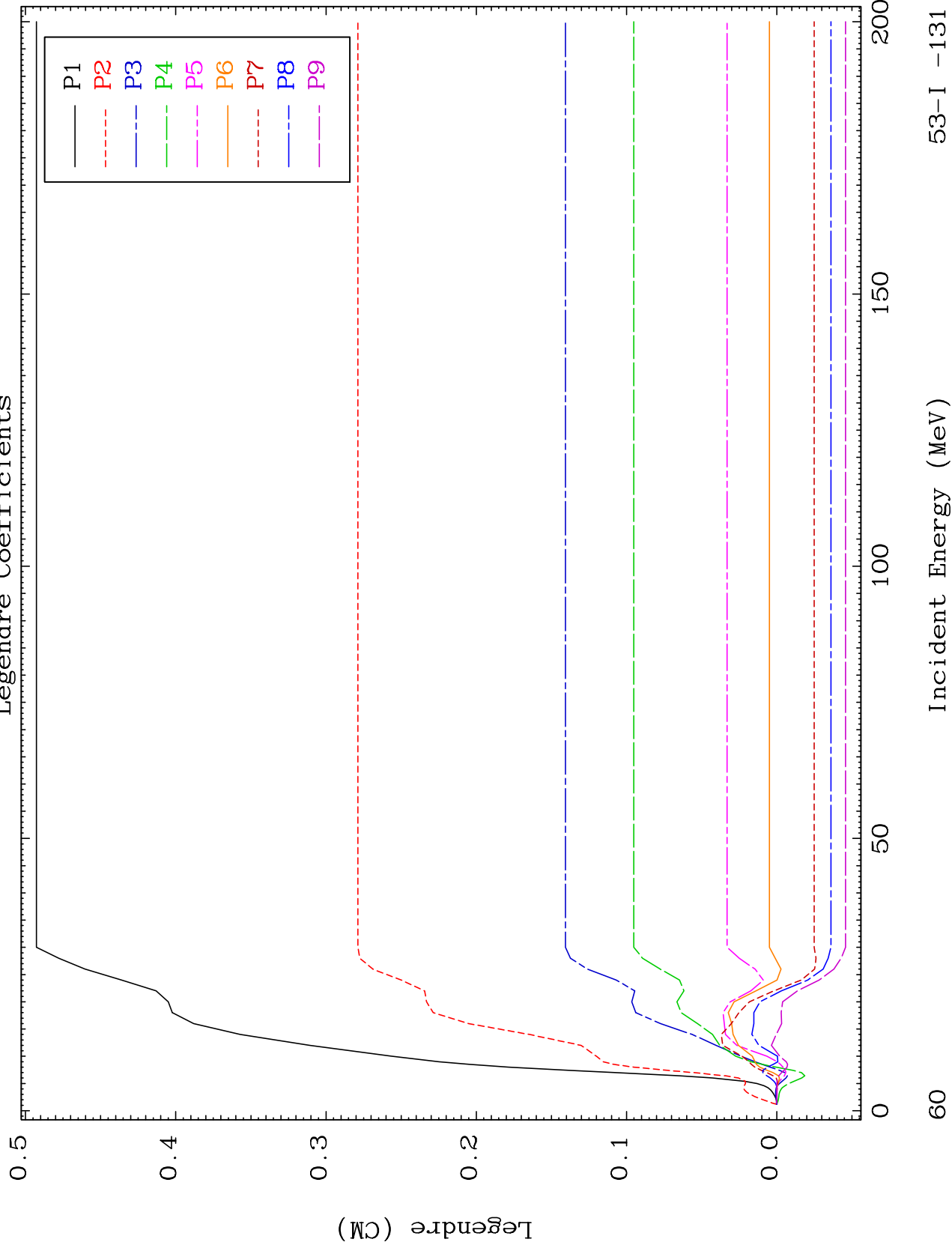
53-I -131

MAT 5337

MT= 61 (n,n') Level

53-I -131

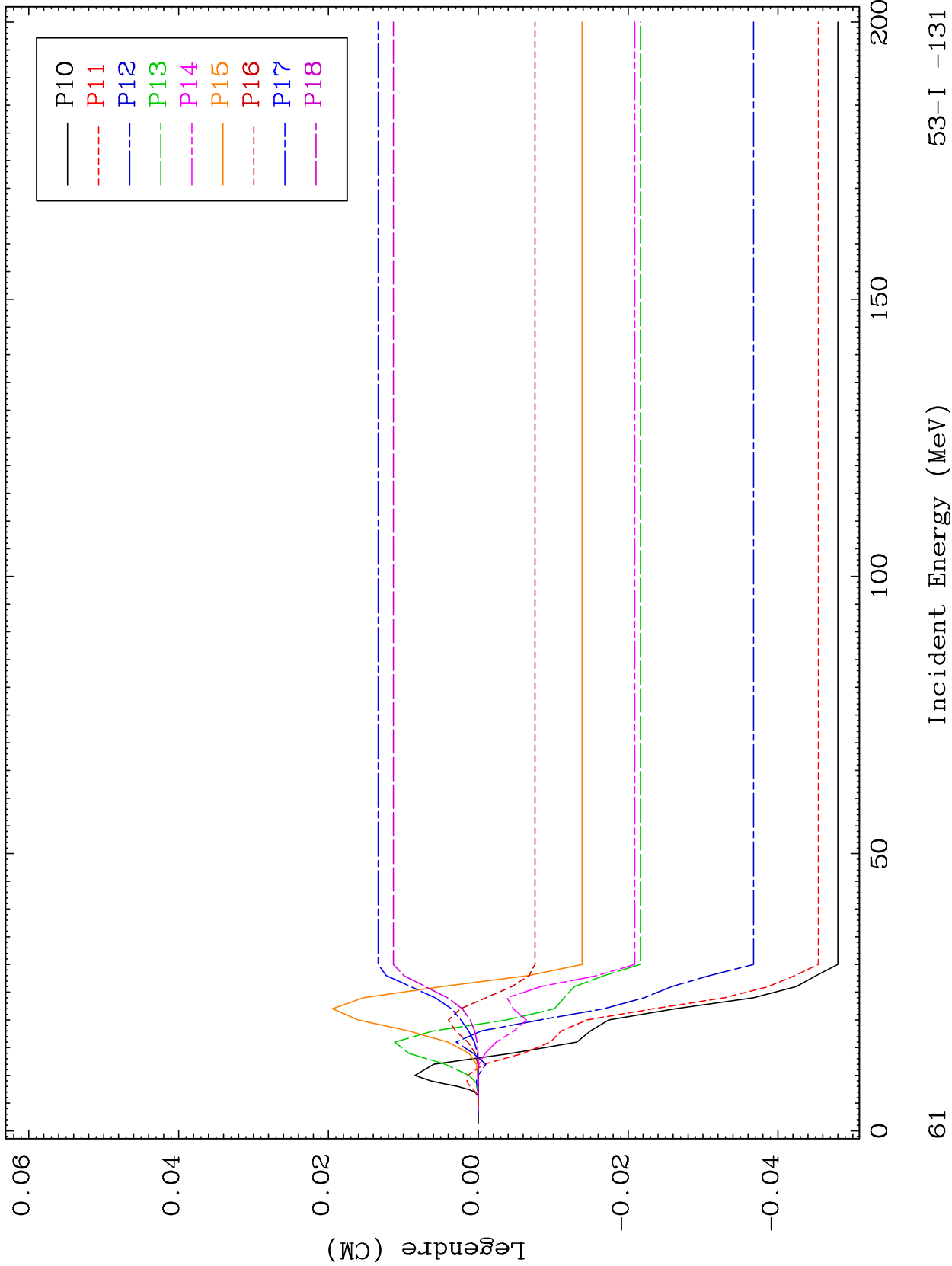
Legendre Coefficients



MAT 5337

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

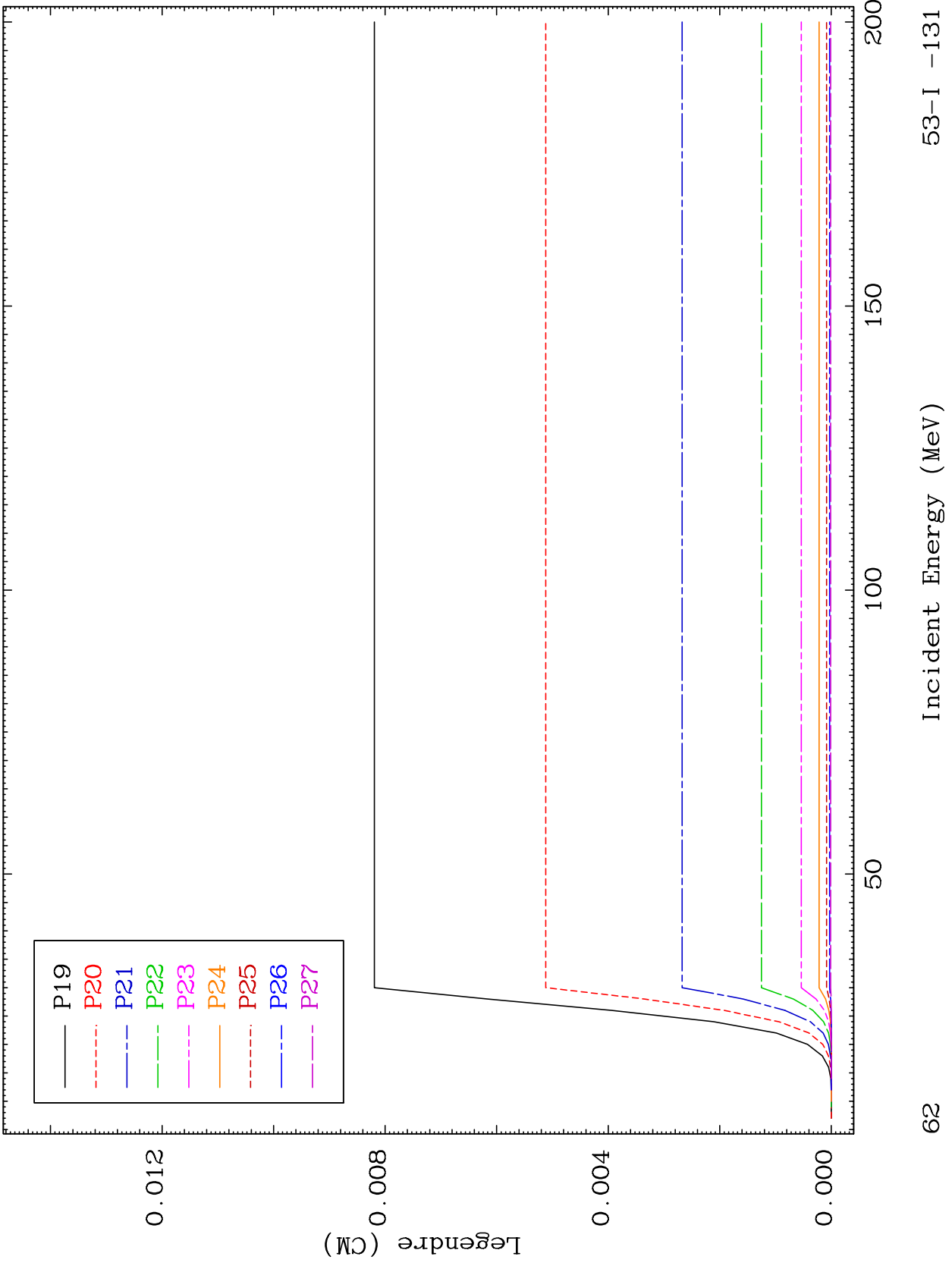
53-I -131



61

Incident Energy (MeV)

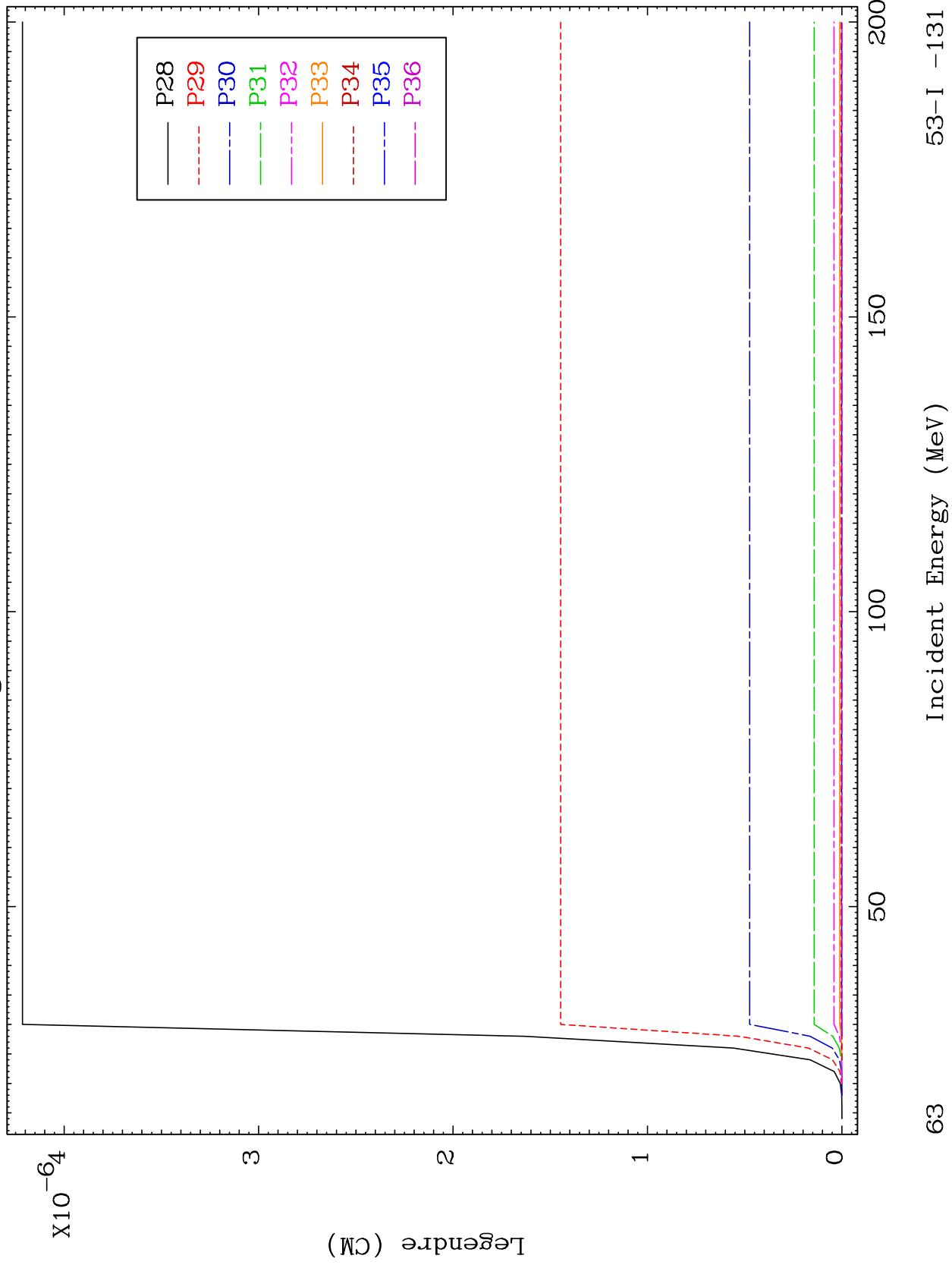
53-I -131



MAT 5337

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

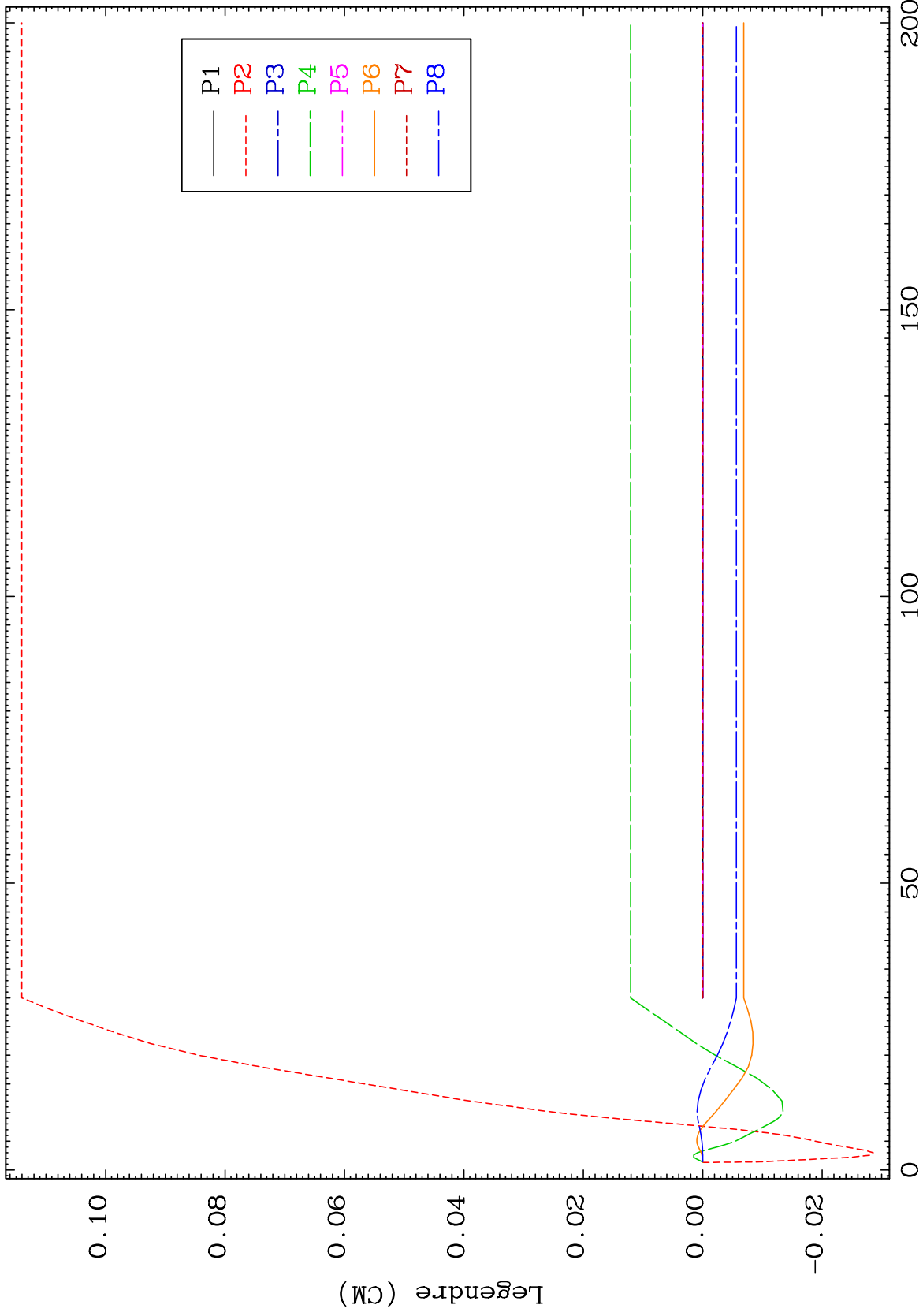
53-I -131



MAT 5337

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

53-I -131



53-I -131

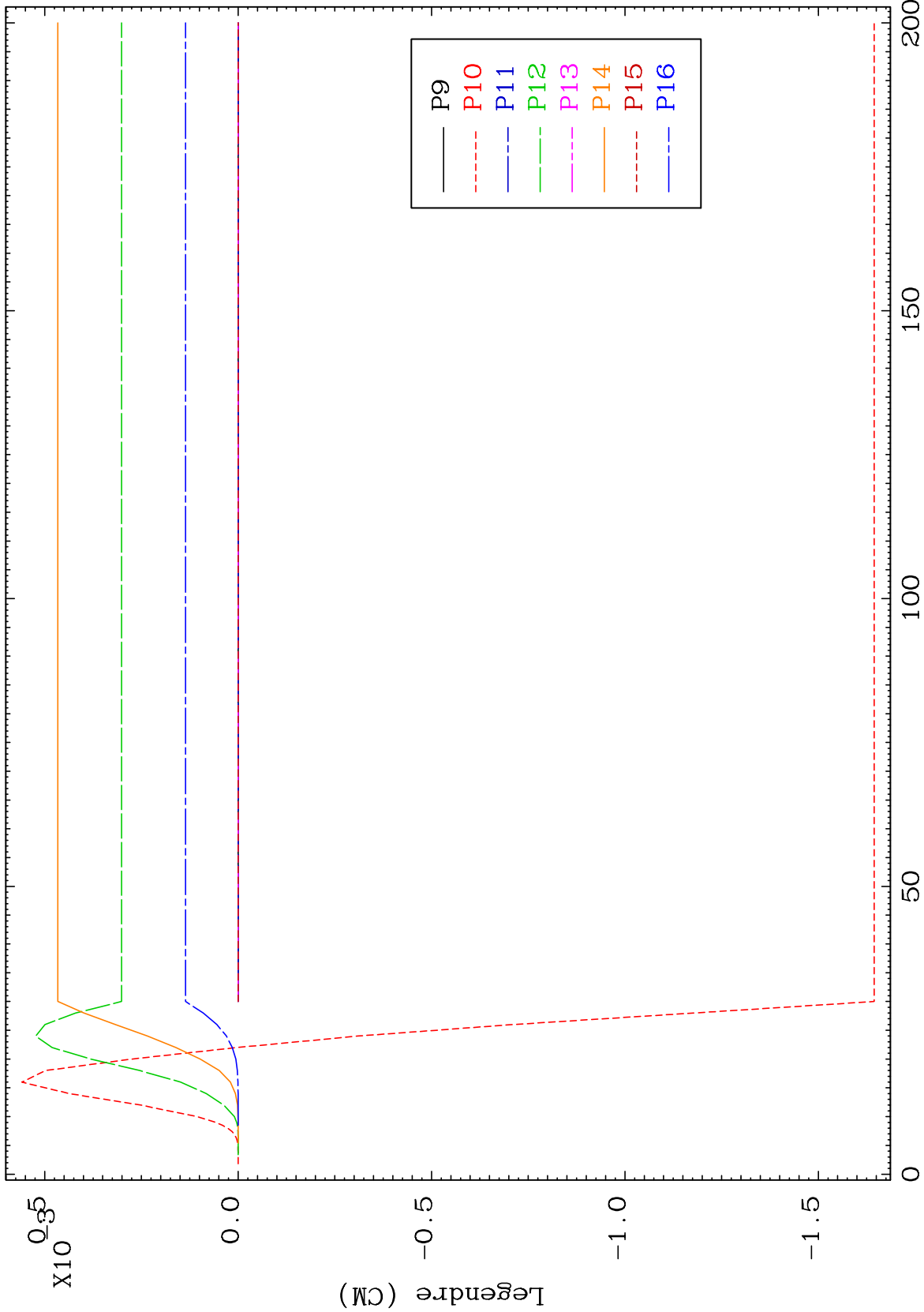
Incident Energy (MeV)

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MAT 5337

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

53-I -131



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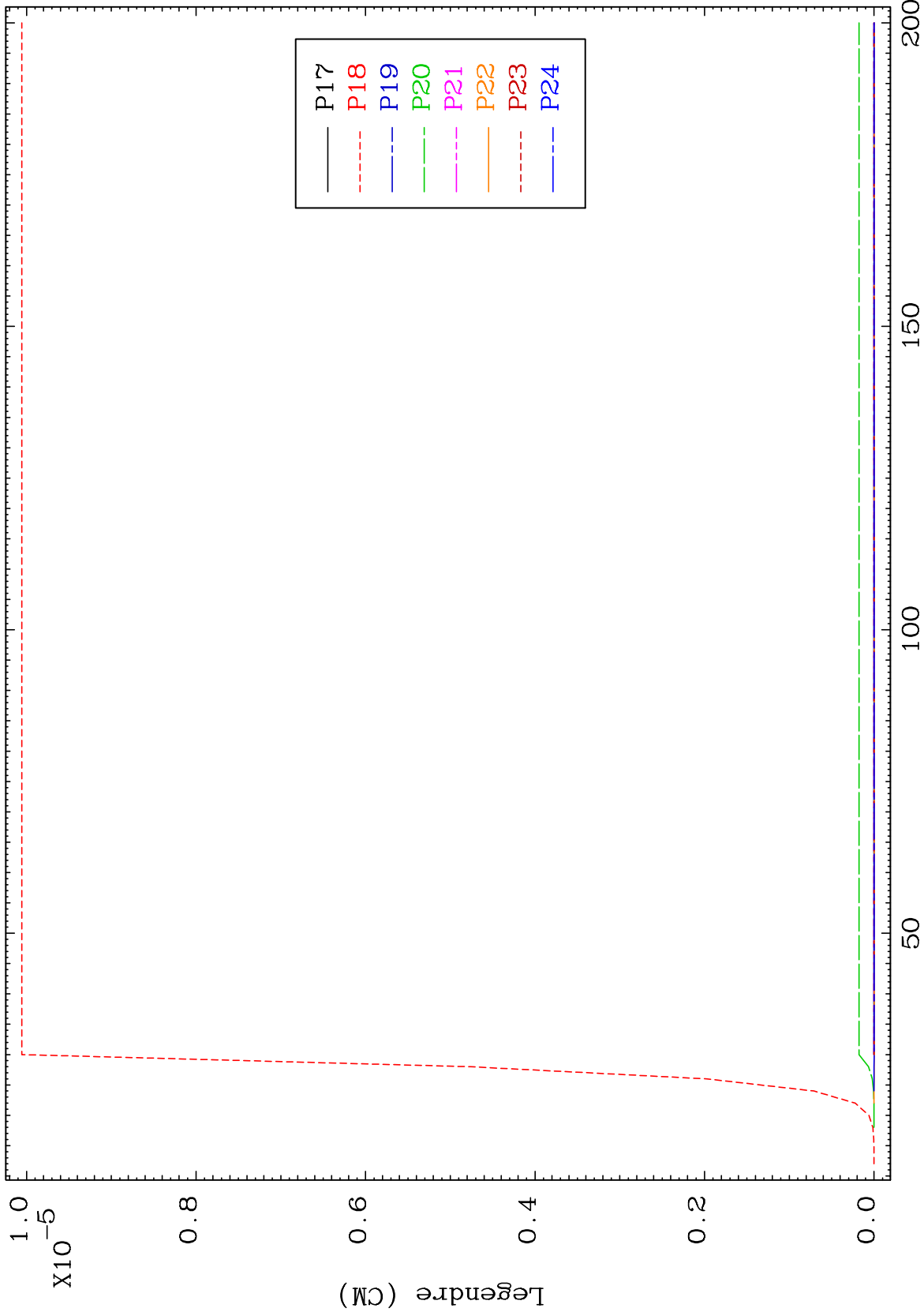
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



66

Incident Energy (MeV)

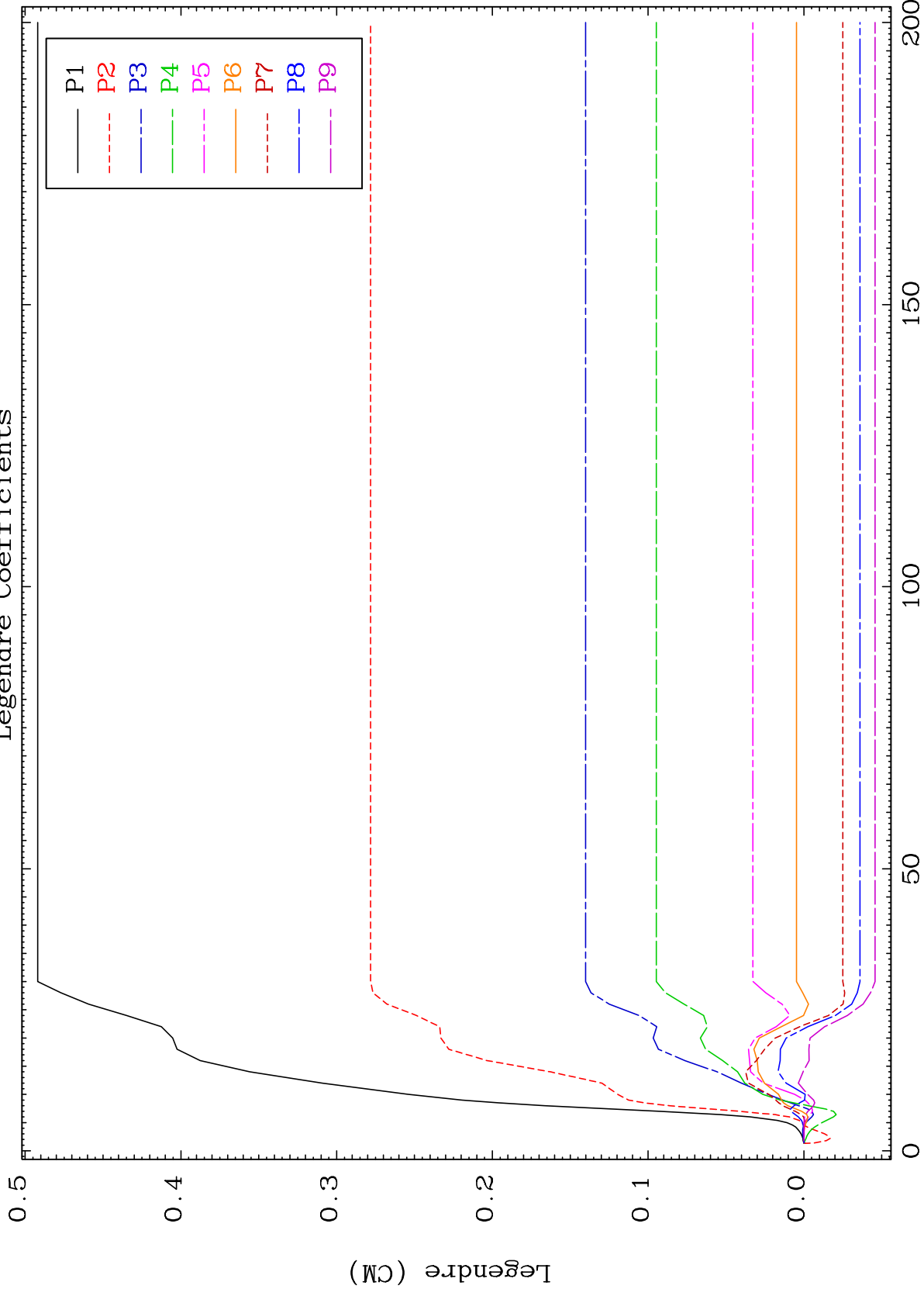
53-I -131

MAT 5337

MT= 63 (n,n') Level

53-I -131

Legendre Coefficients



67

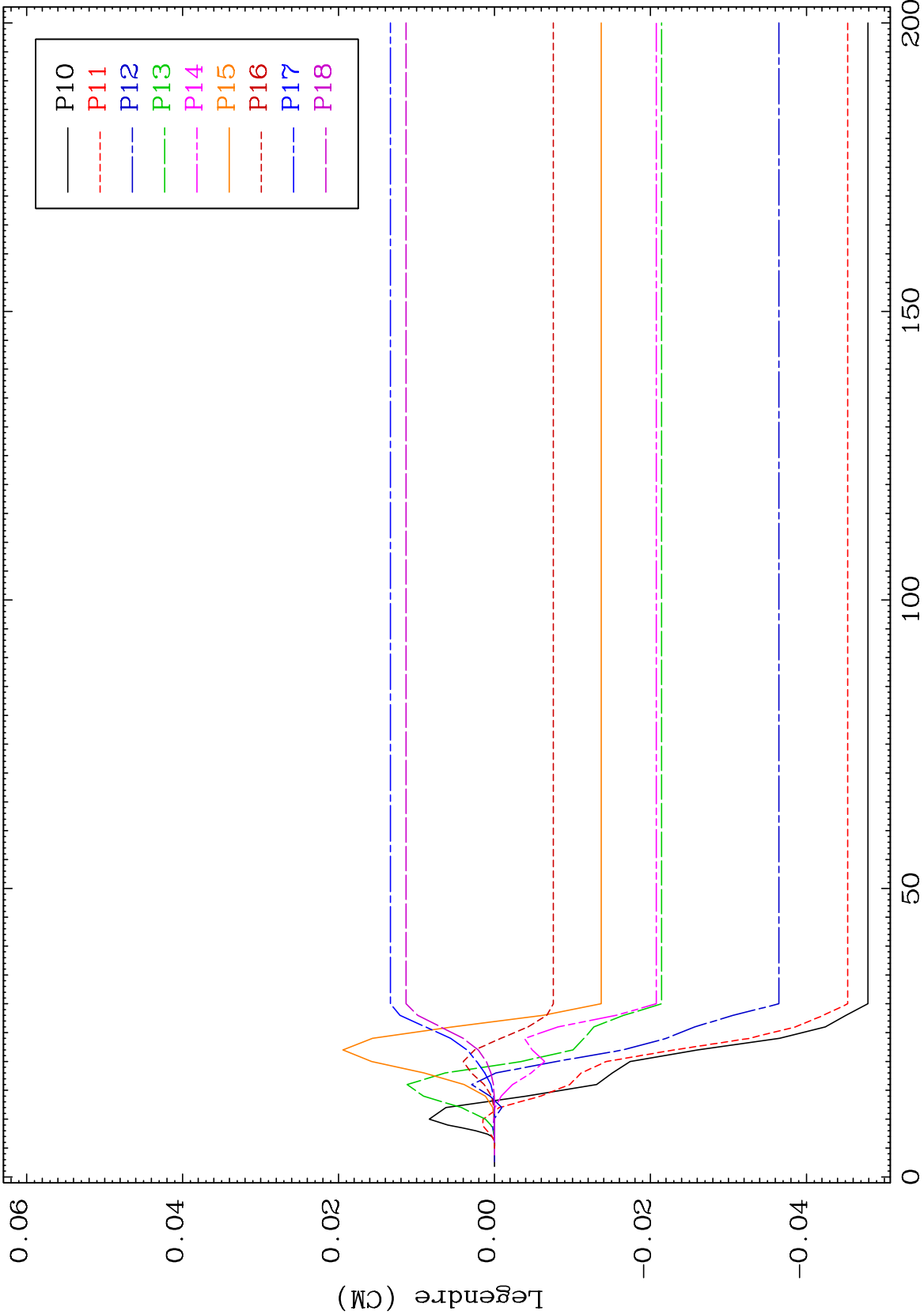
Incident Energy (MeV)

53-I -131

MAT 5337

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

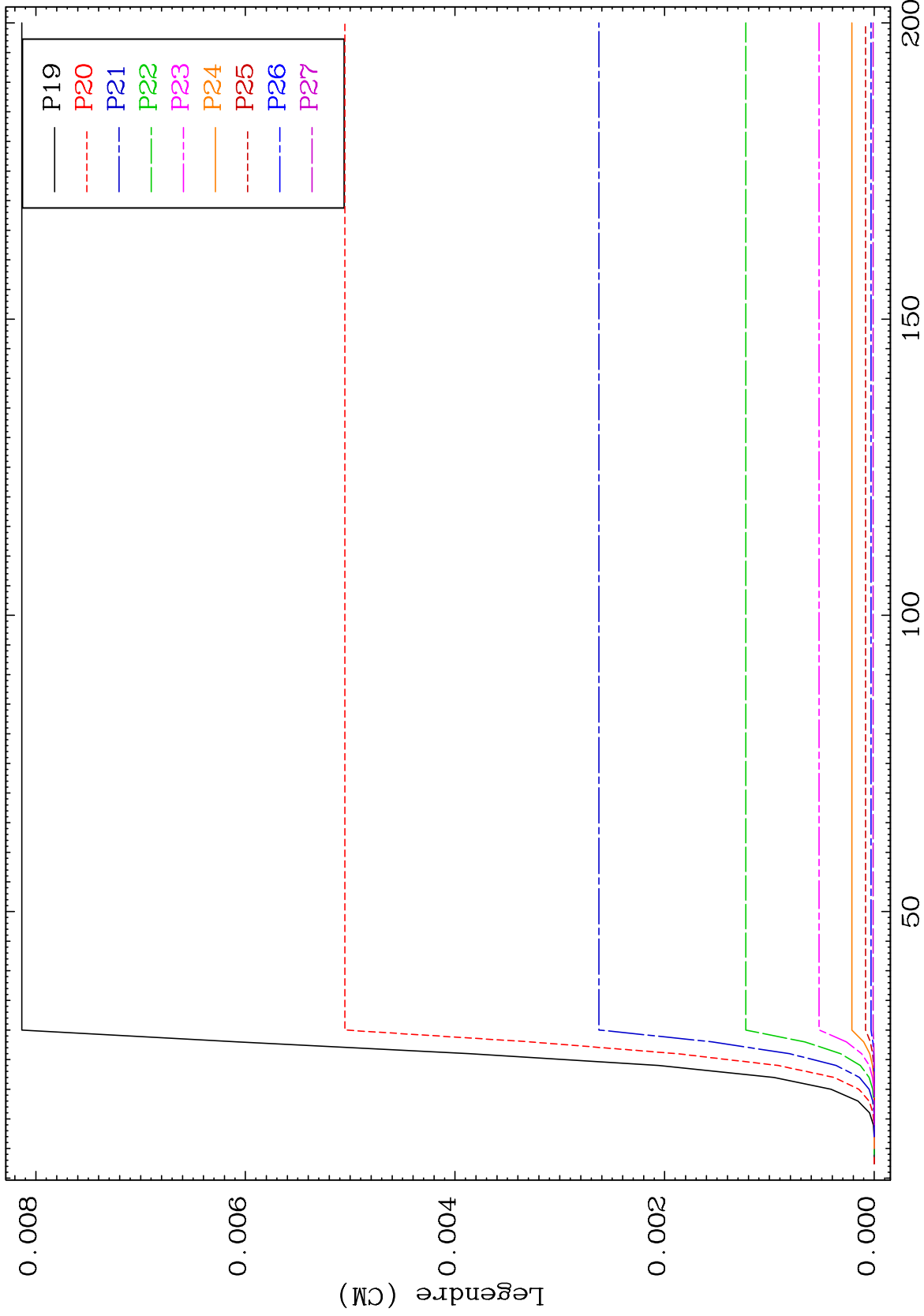
53-I -131



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Incident Energy (MeV)

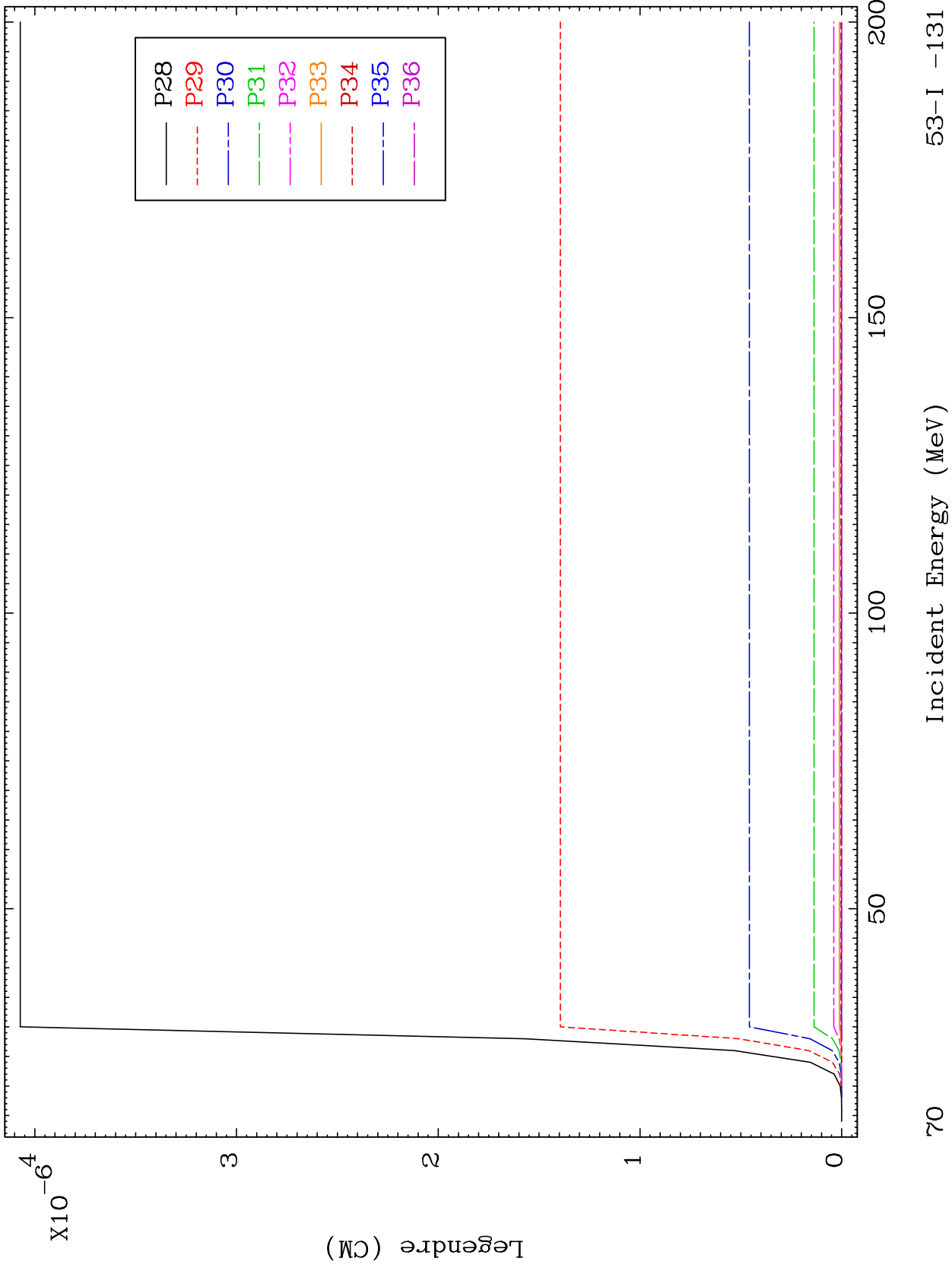
53-I -131



MAT 5337

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

53-I -131

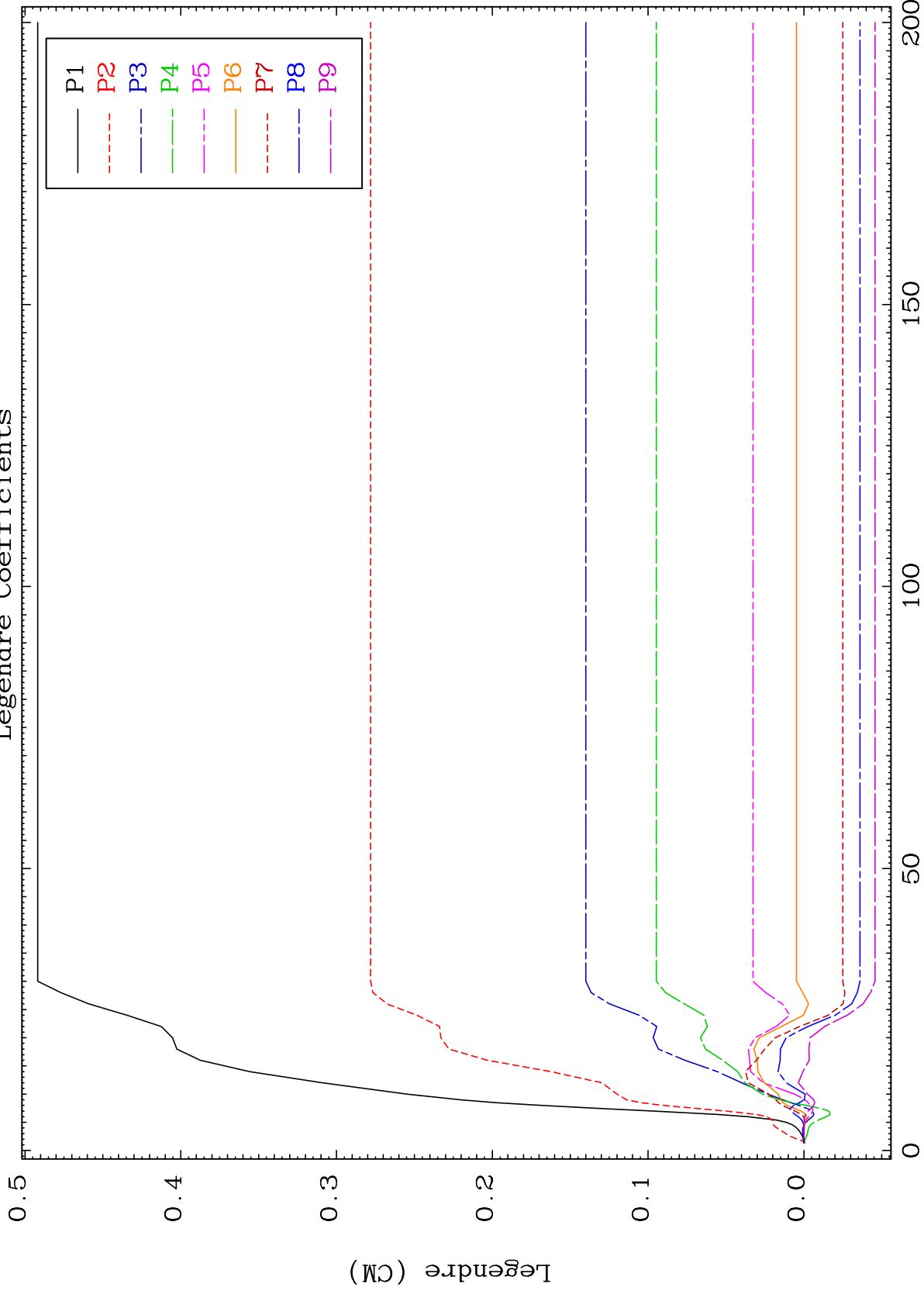


MAT 5337

MT= 64 (n,n') Level

53-I -131

Legendre Coefficients



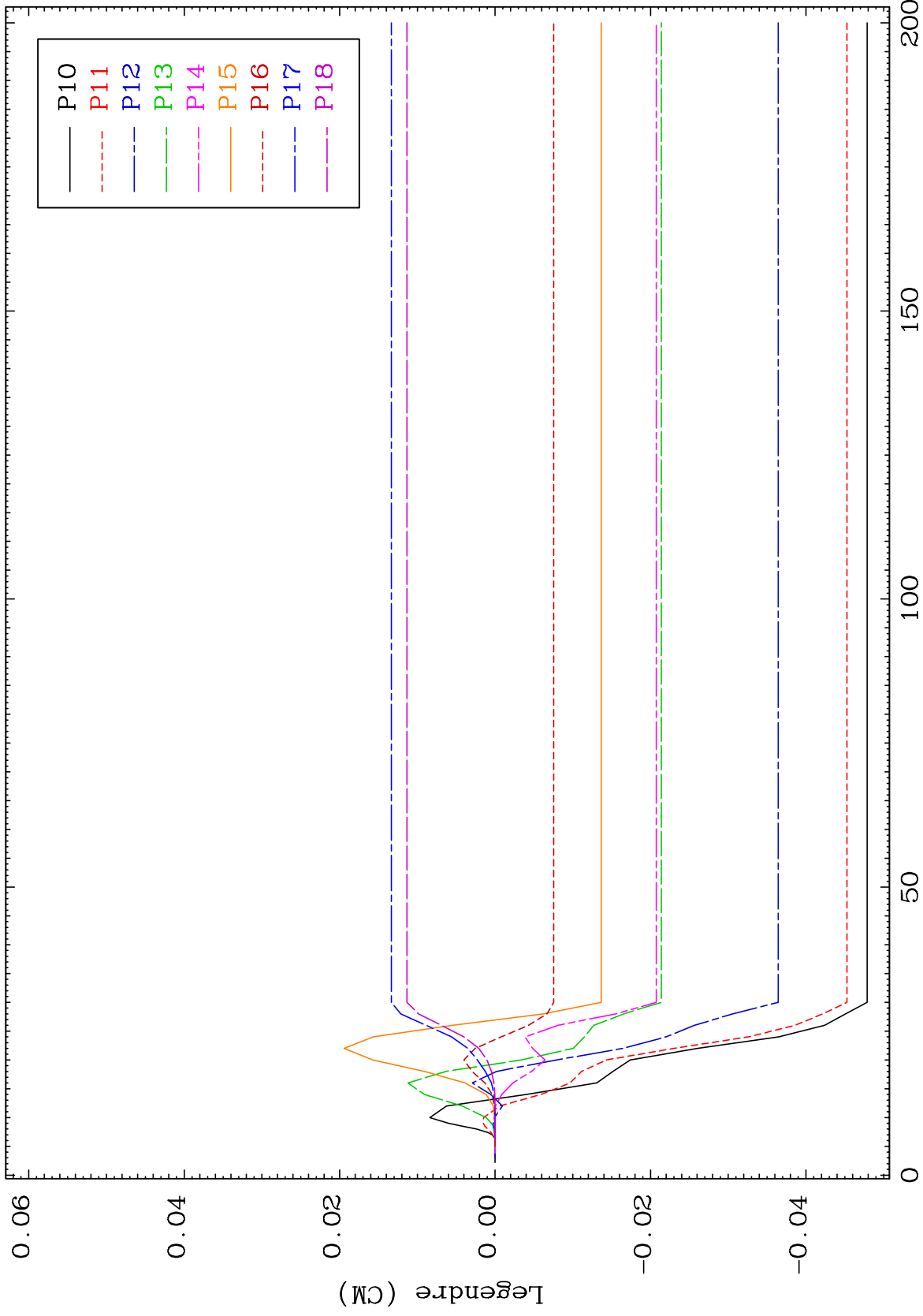
71

53-I -131

MAT 5337

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

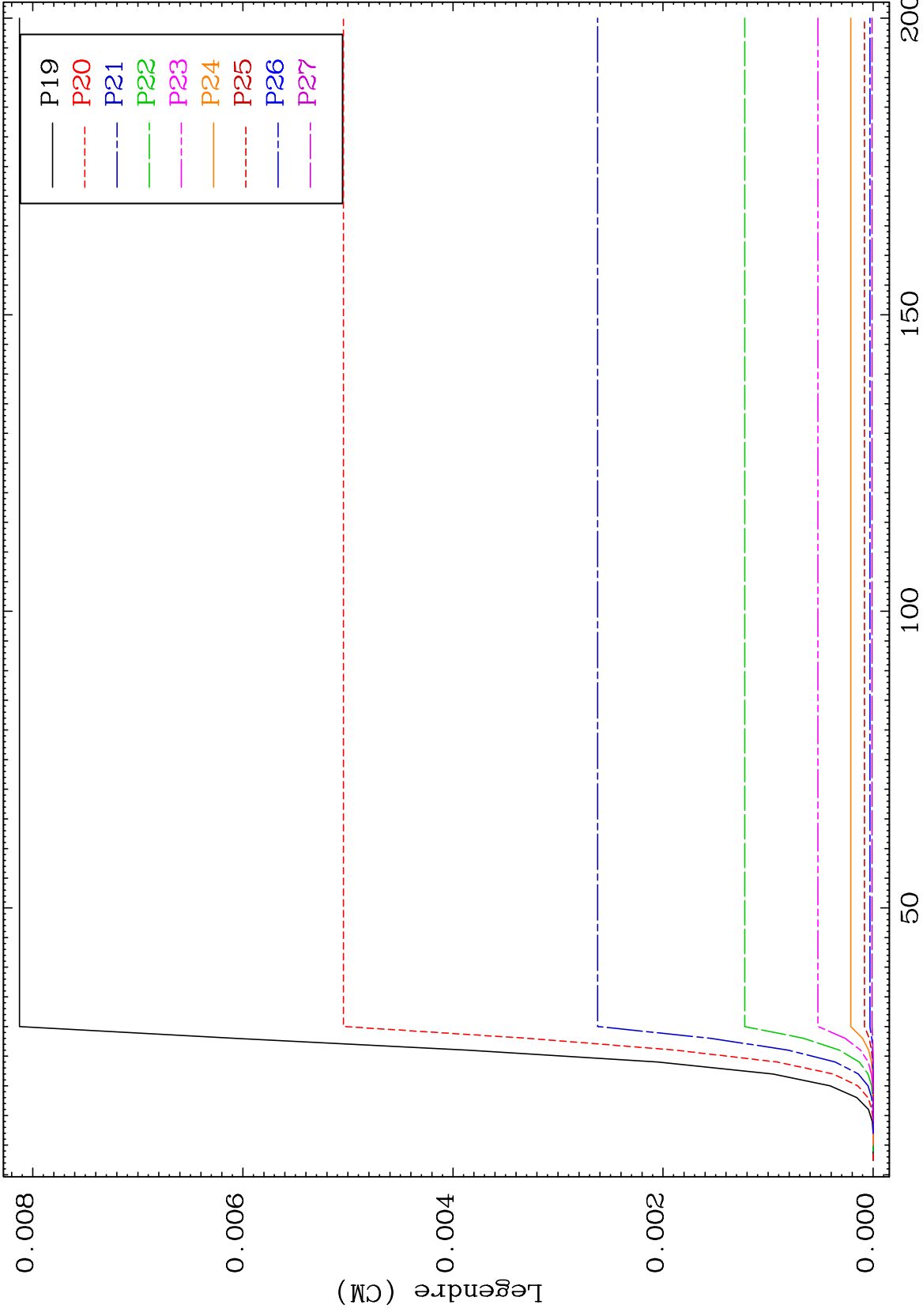
53-I -131

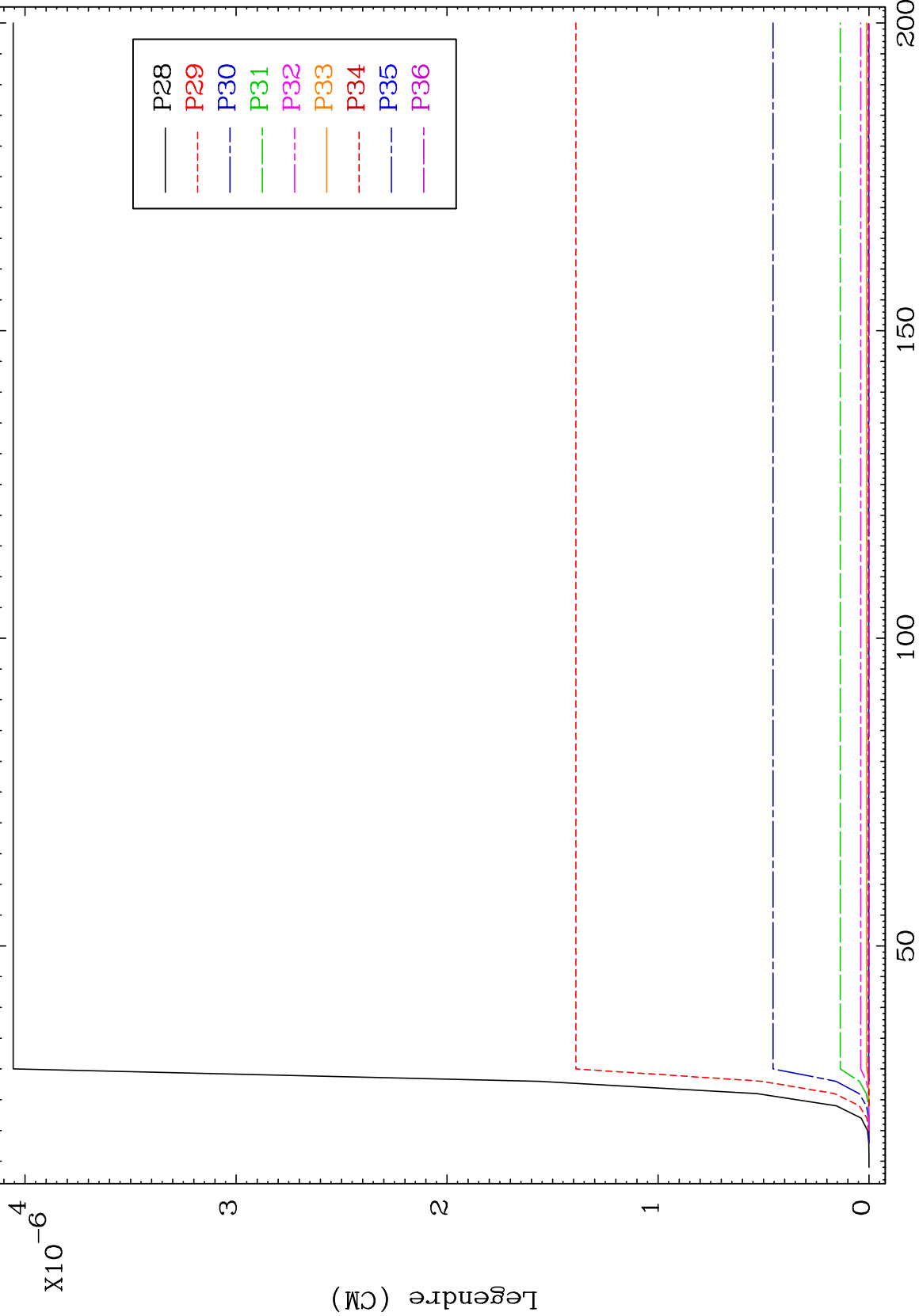


72

Incident Energy (MeV)

53-I -131

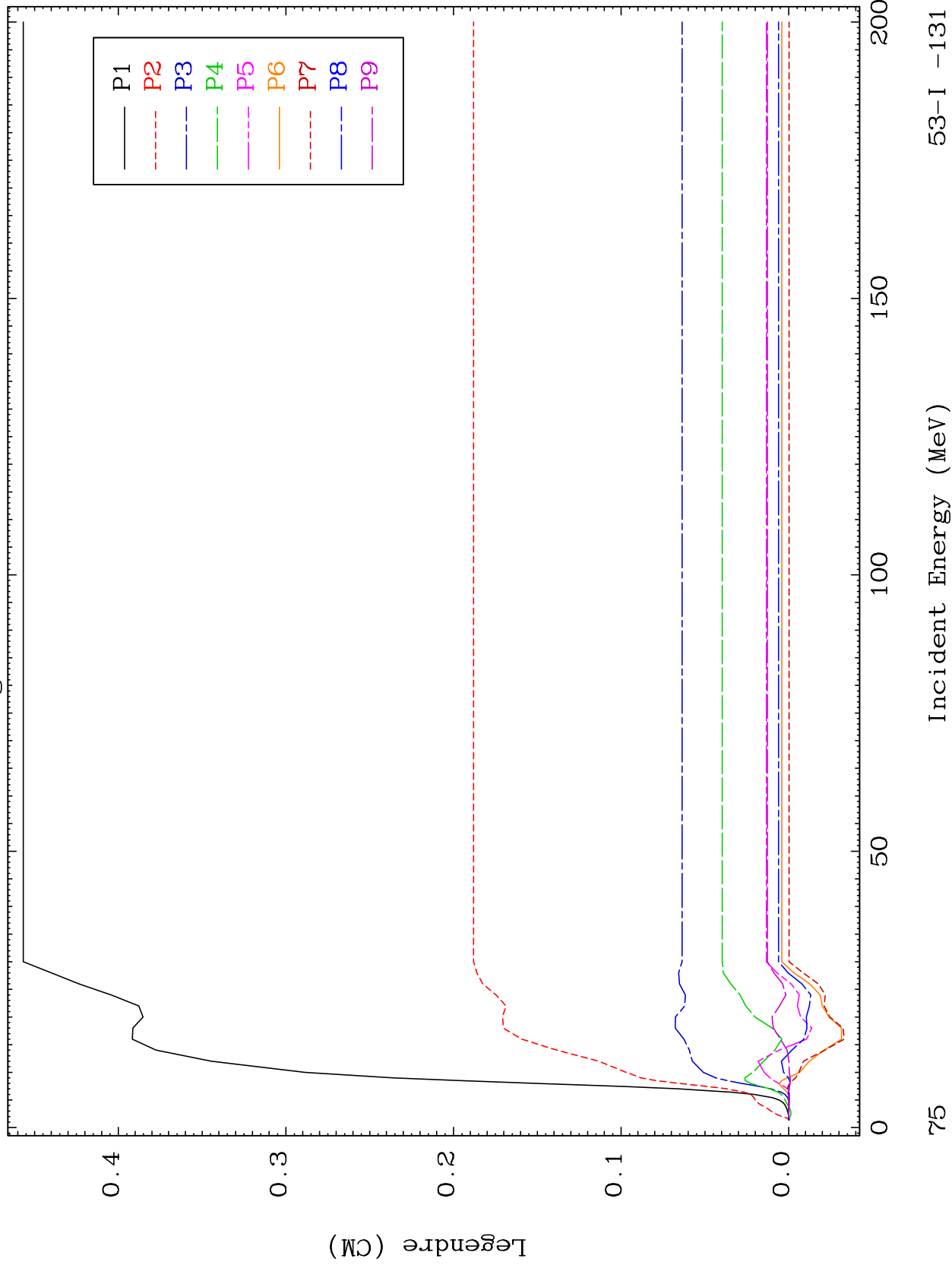




MAT 5337

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

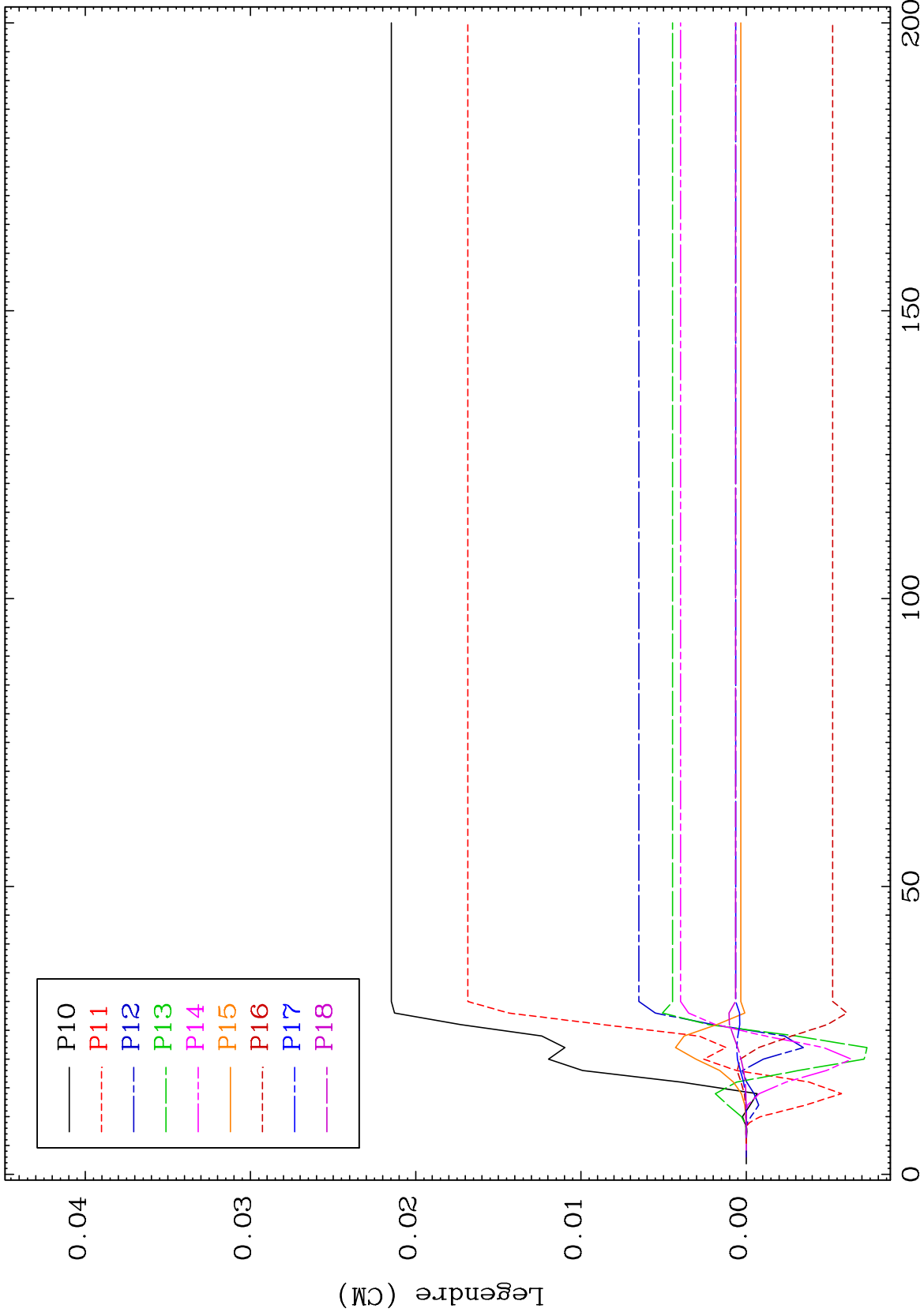
53-I -131

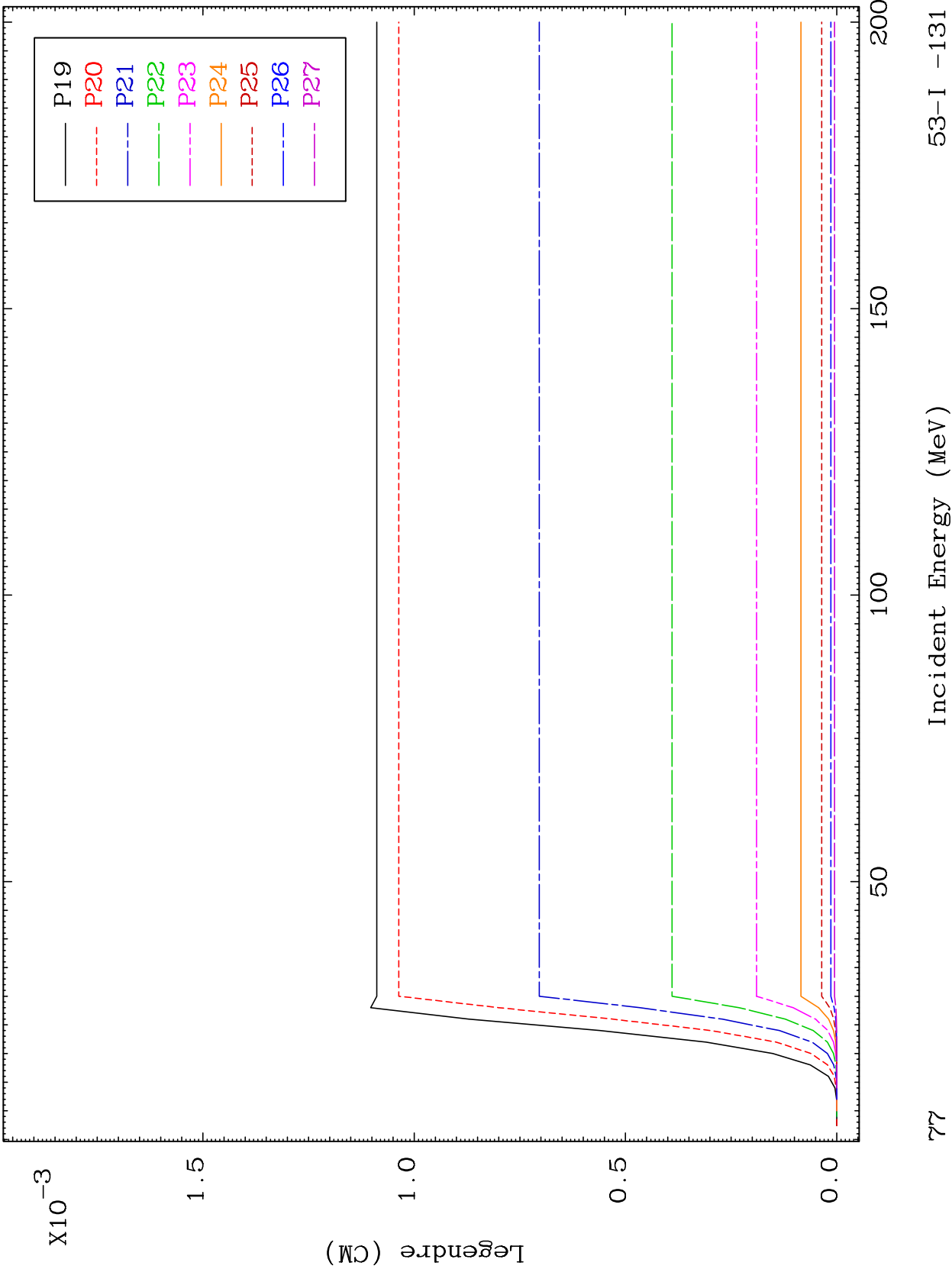


53-I -131

Incident Energy (MeV)

75

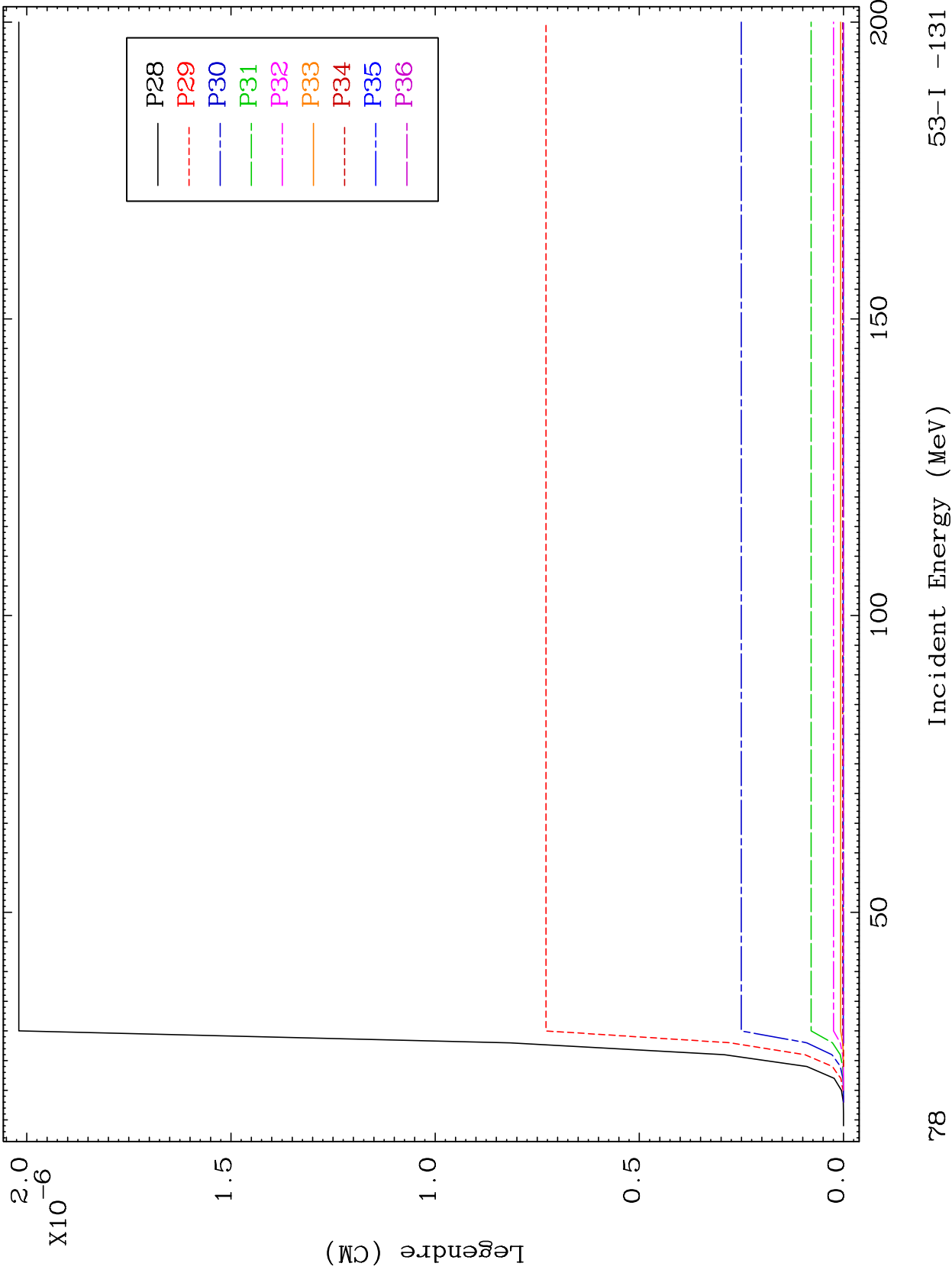




MAT 5337

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

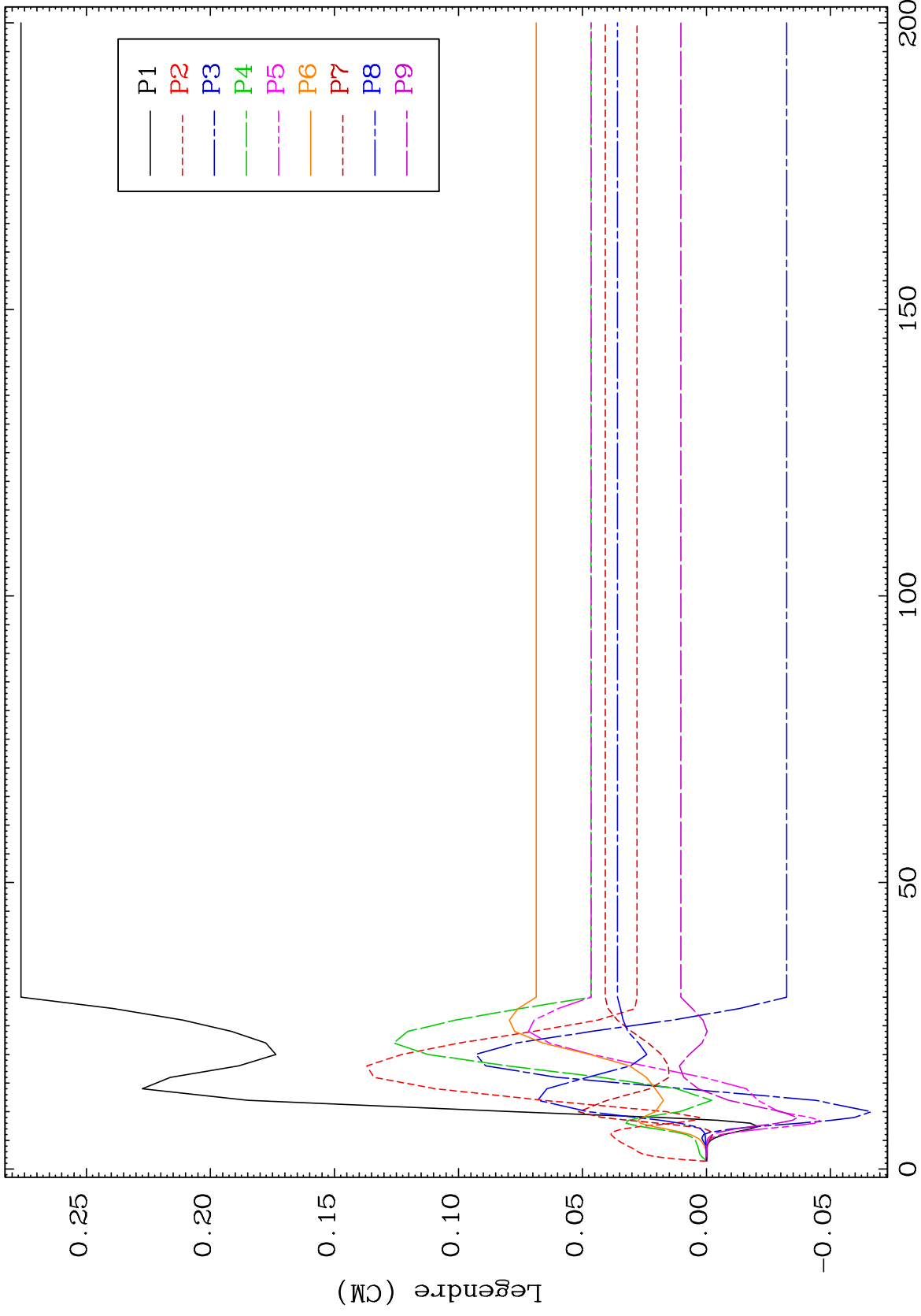
53-I -131



78

Incident Energy (MeV)

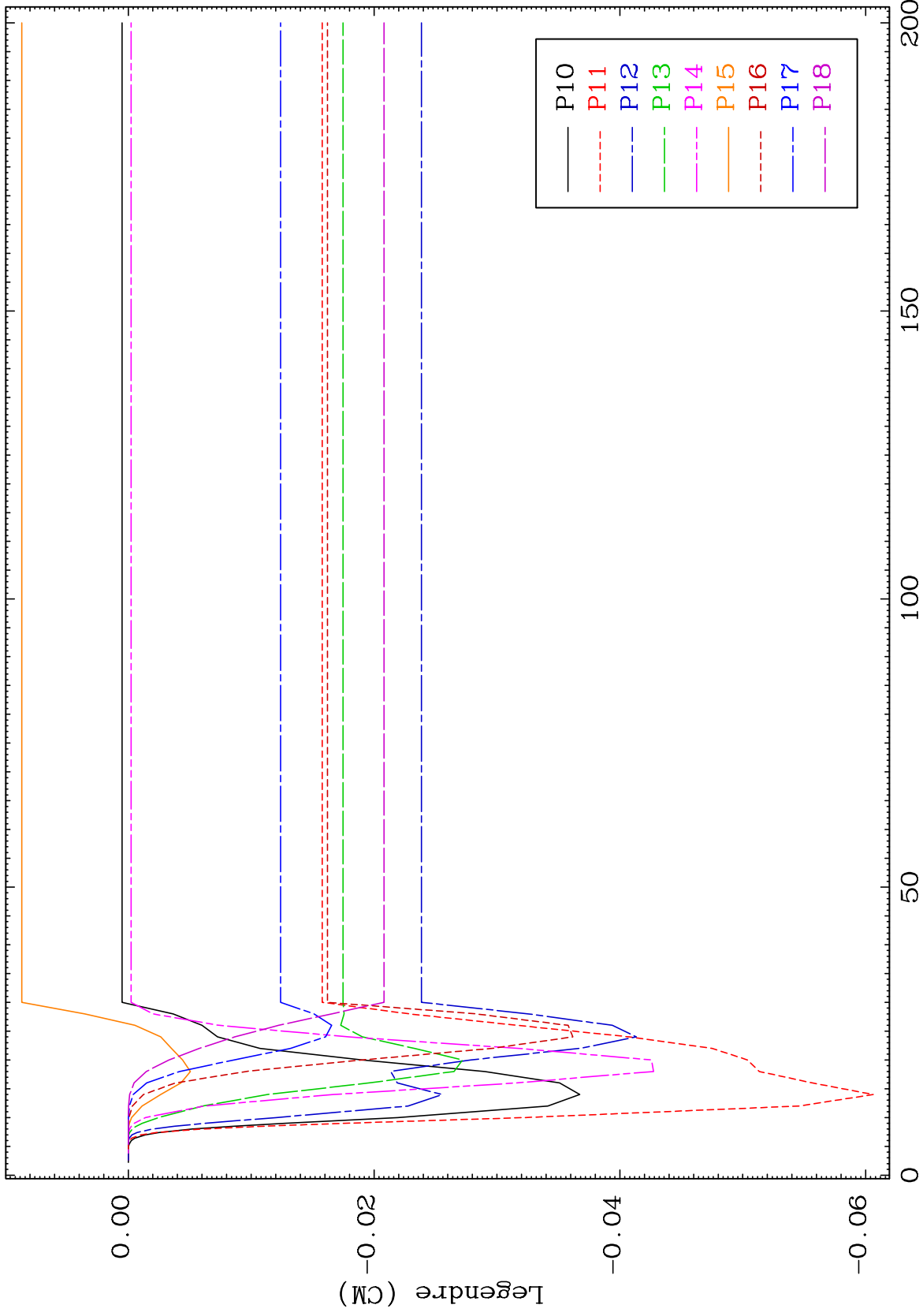
53-I -131



MAT 5337

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

53-I -131



53-I -131

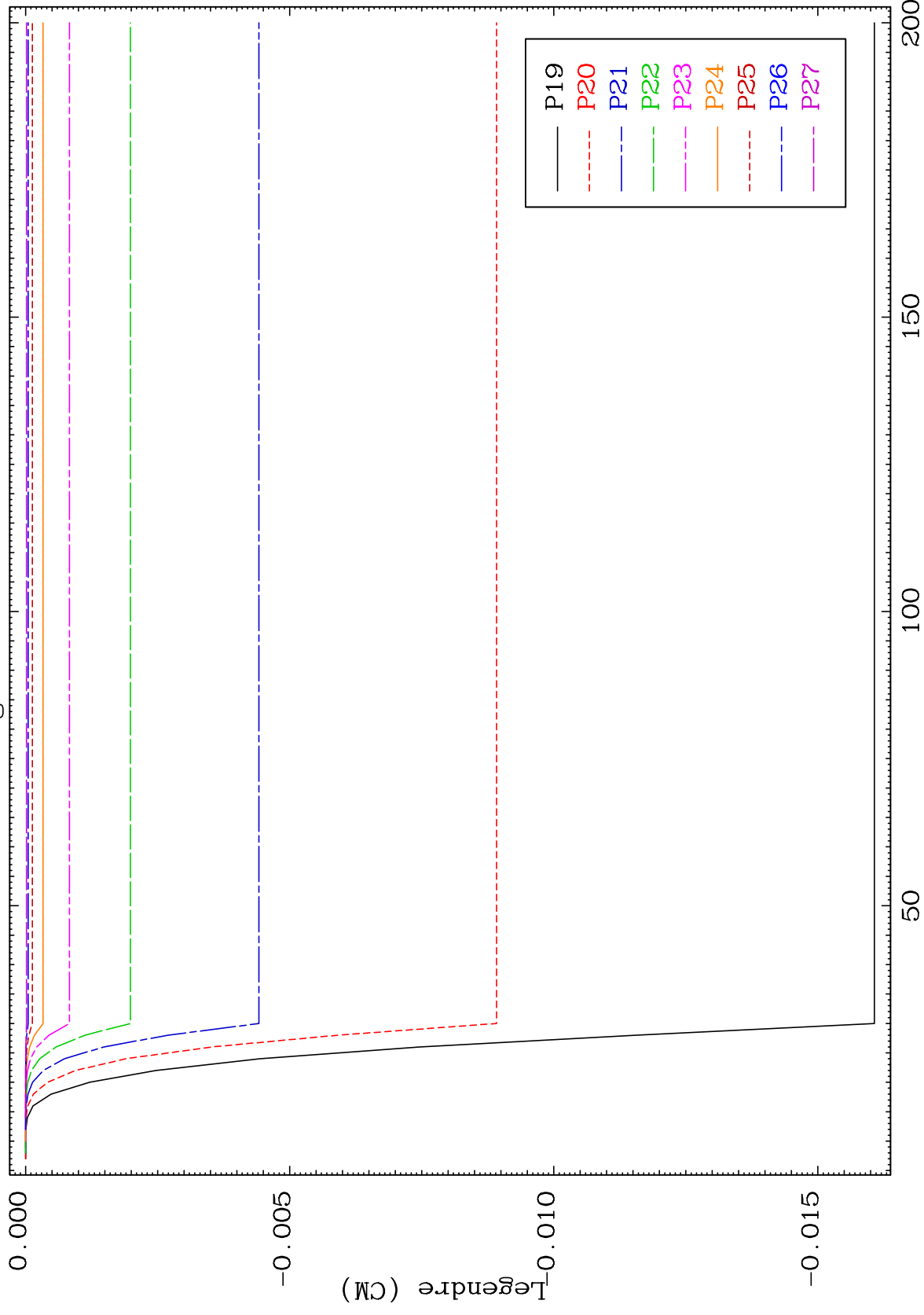
Incident Energy (MeV)

80

MAT 5337

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

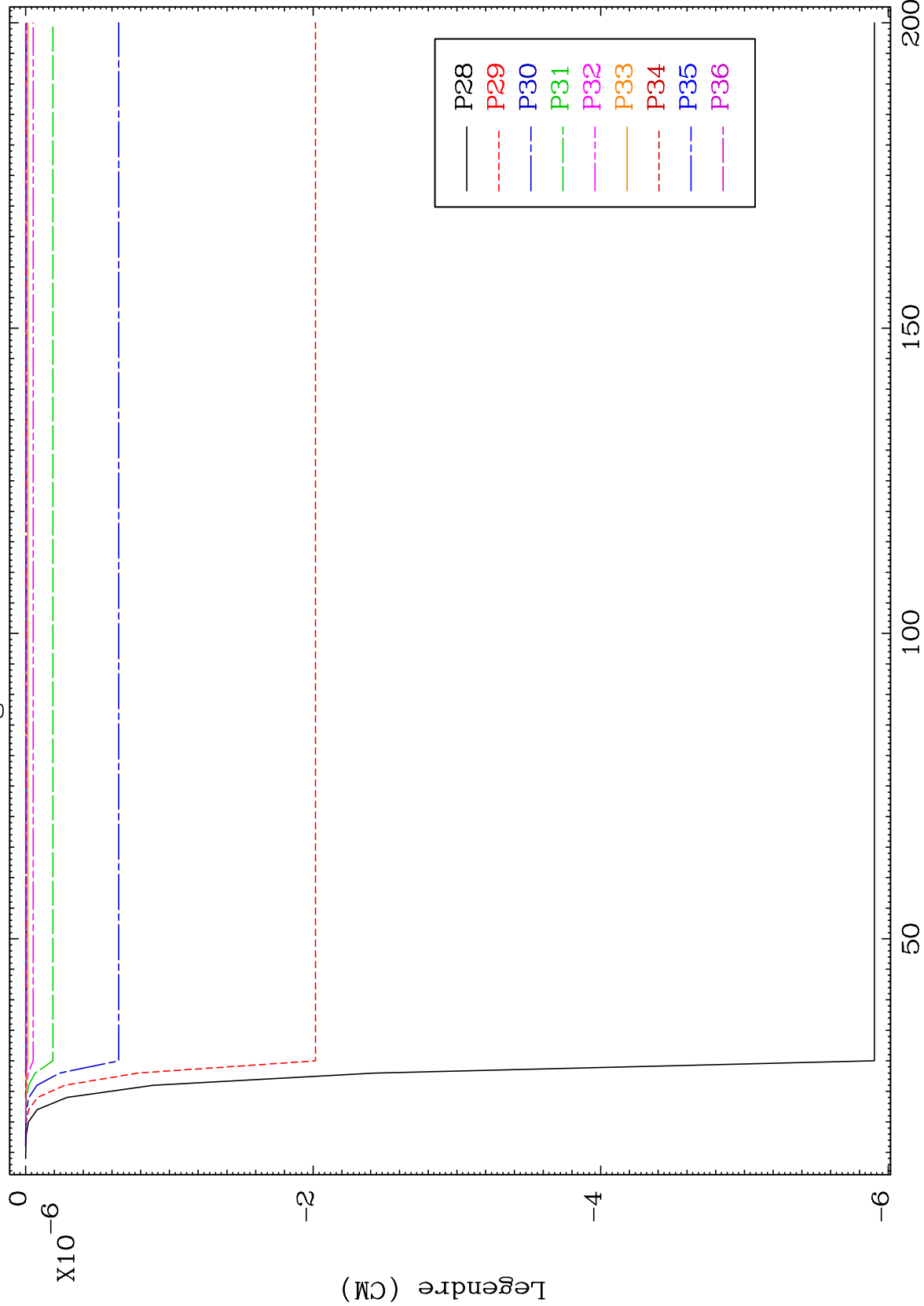
53-I -131



MAT 5337

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

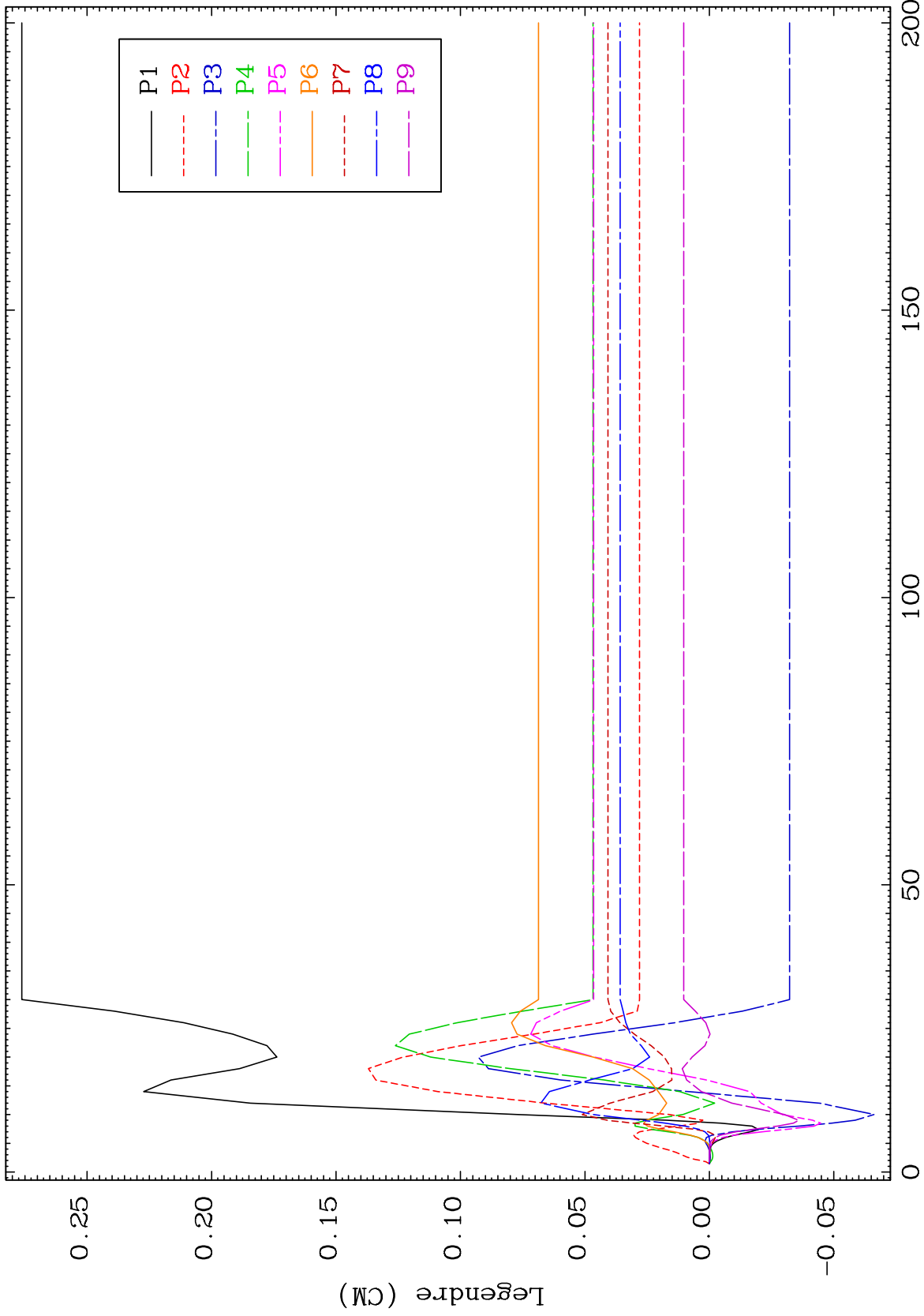
53-I -131



82

Incident Energy (MeV)

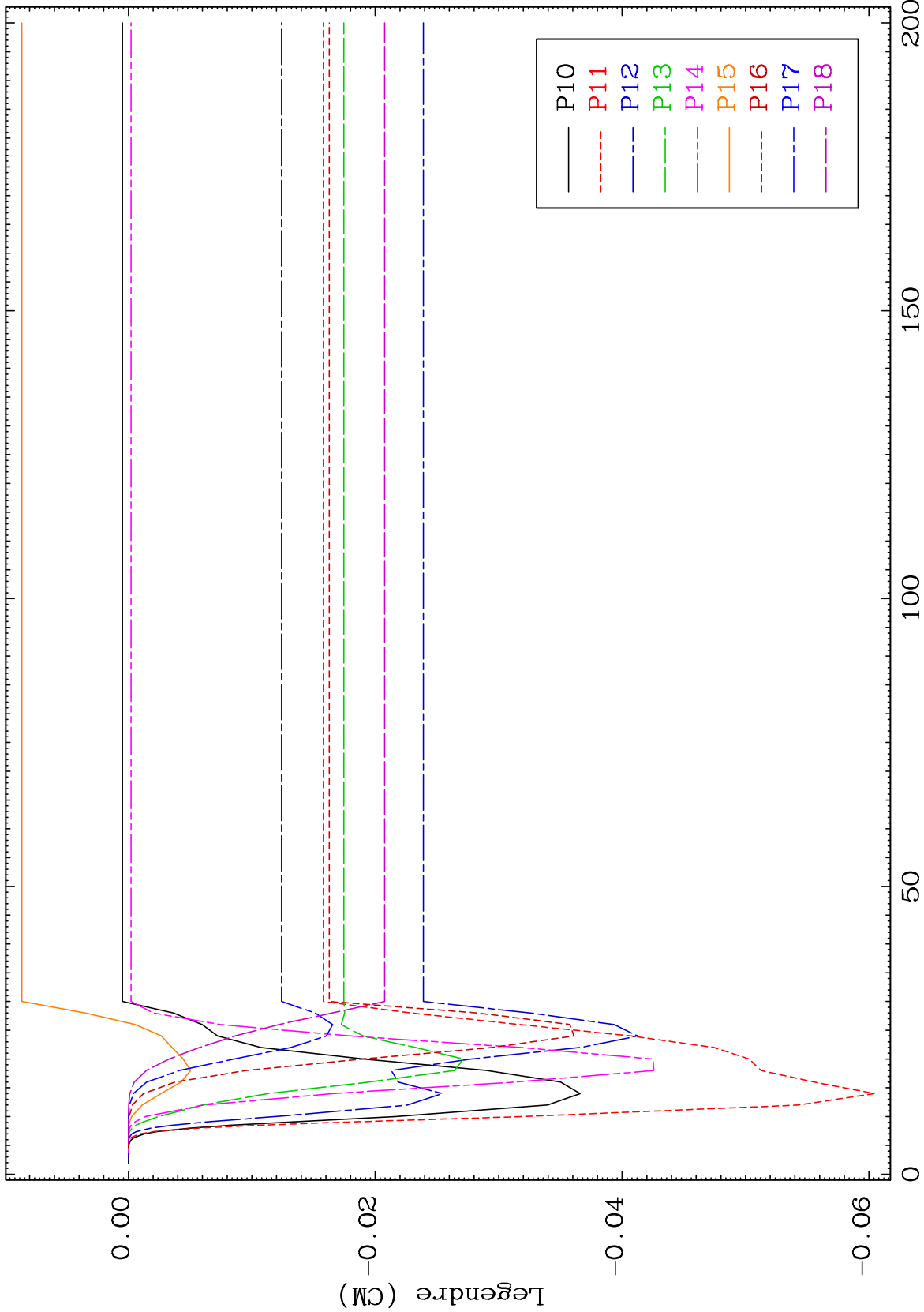
53-I -131



MAT 5337

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

53-I -131



84

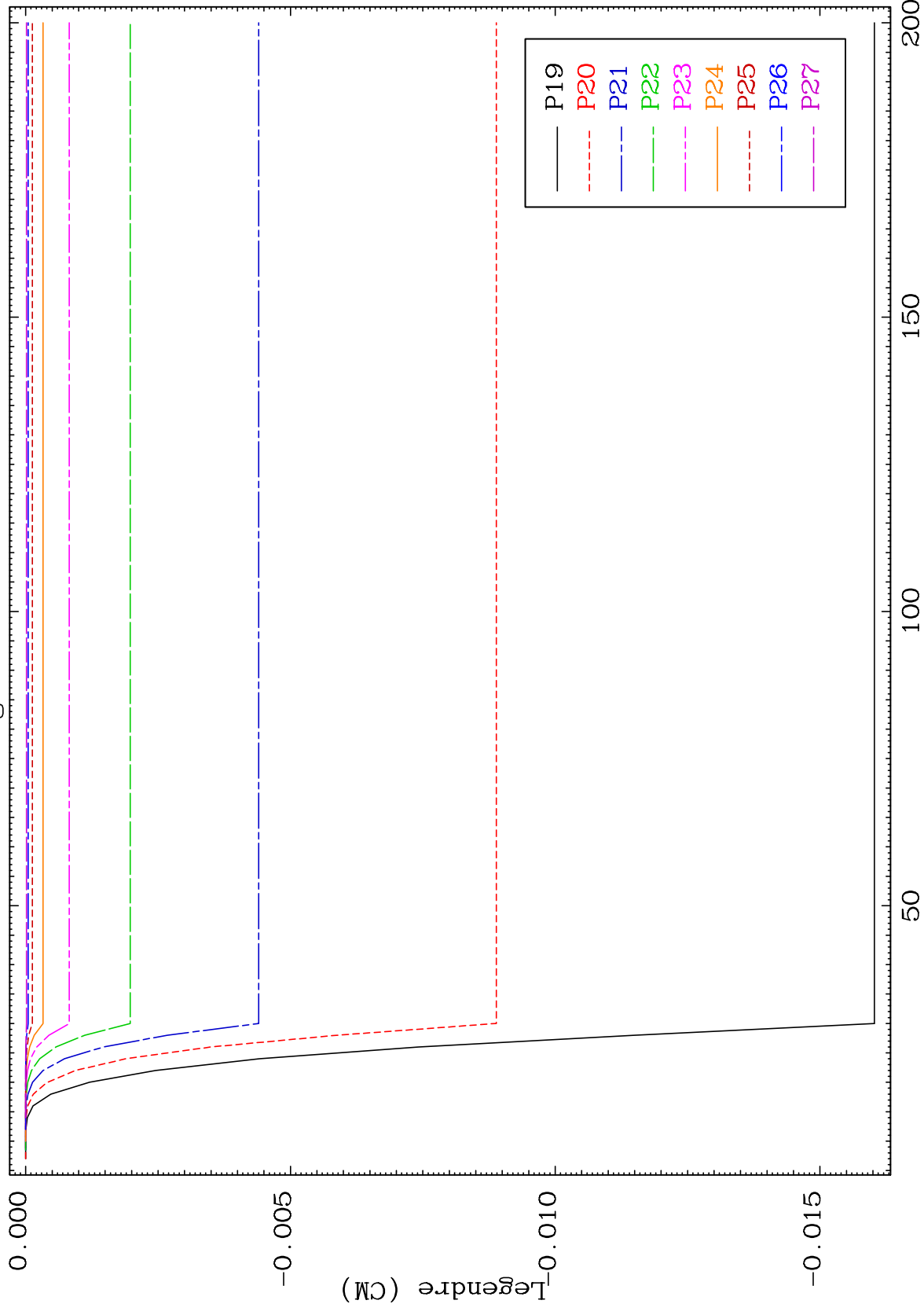
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



85

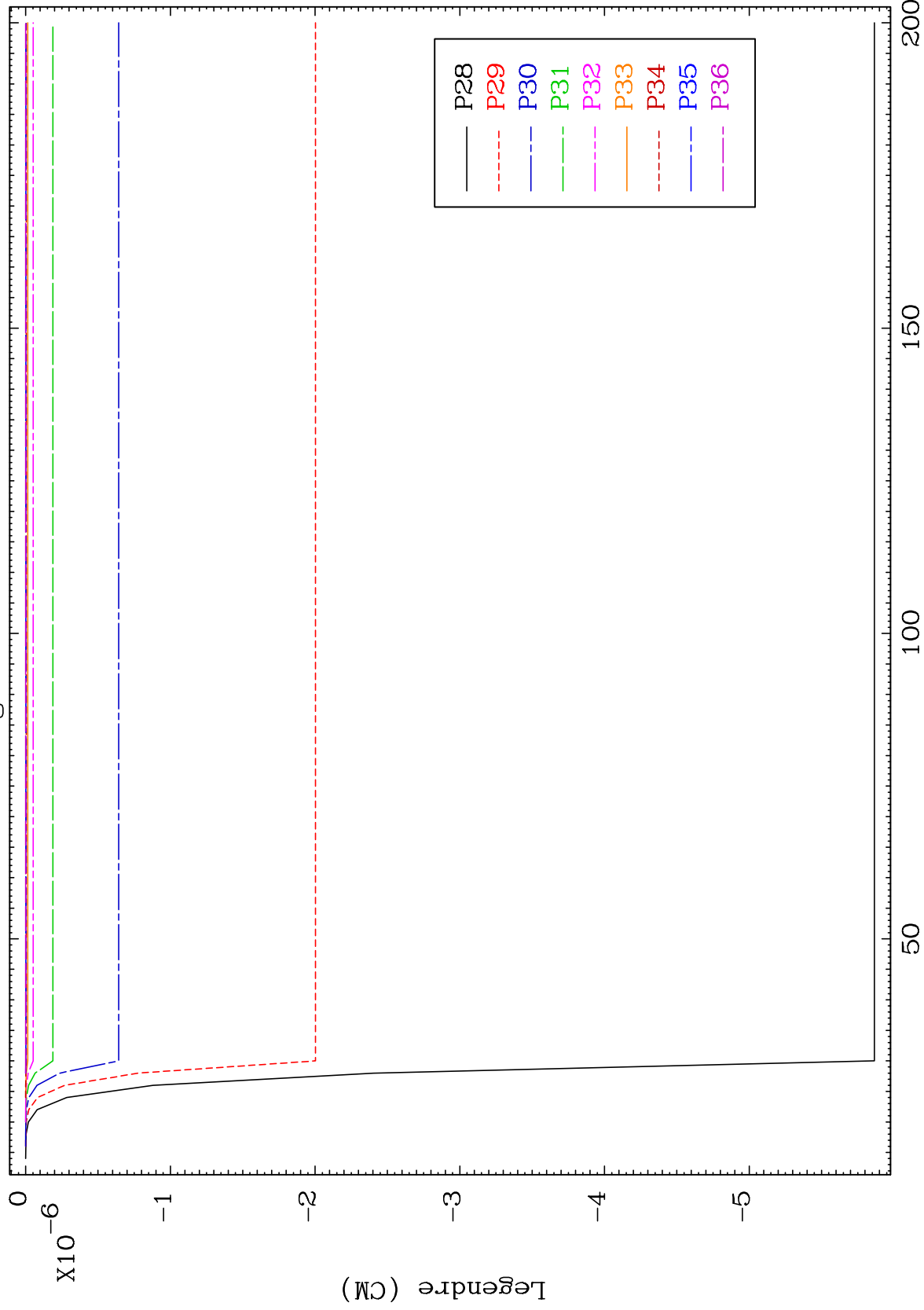
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



86

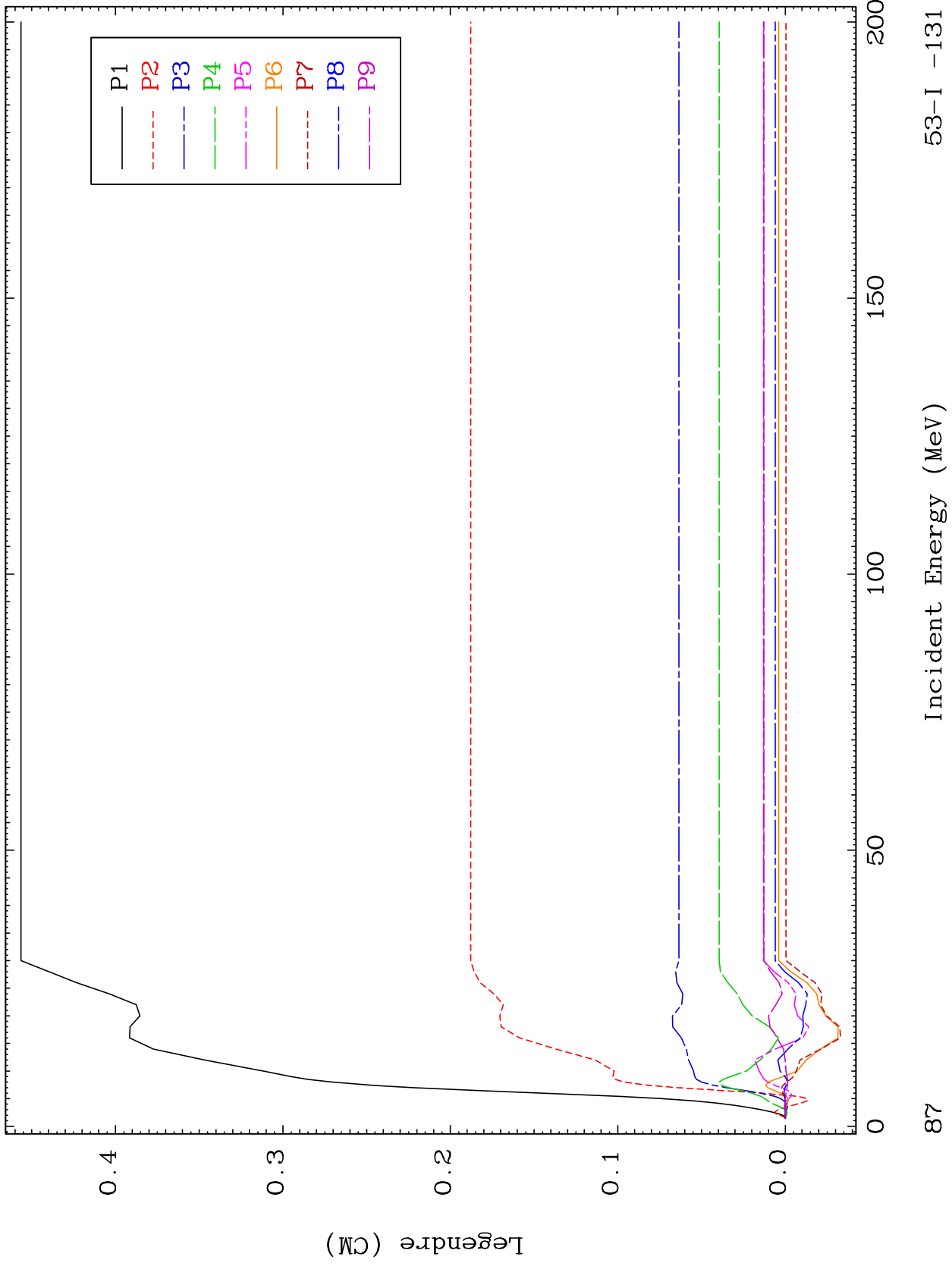
Incident Energy (MeV)

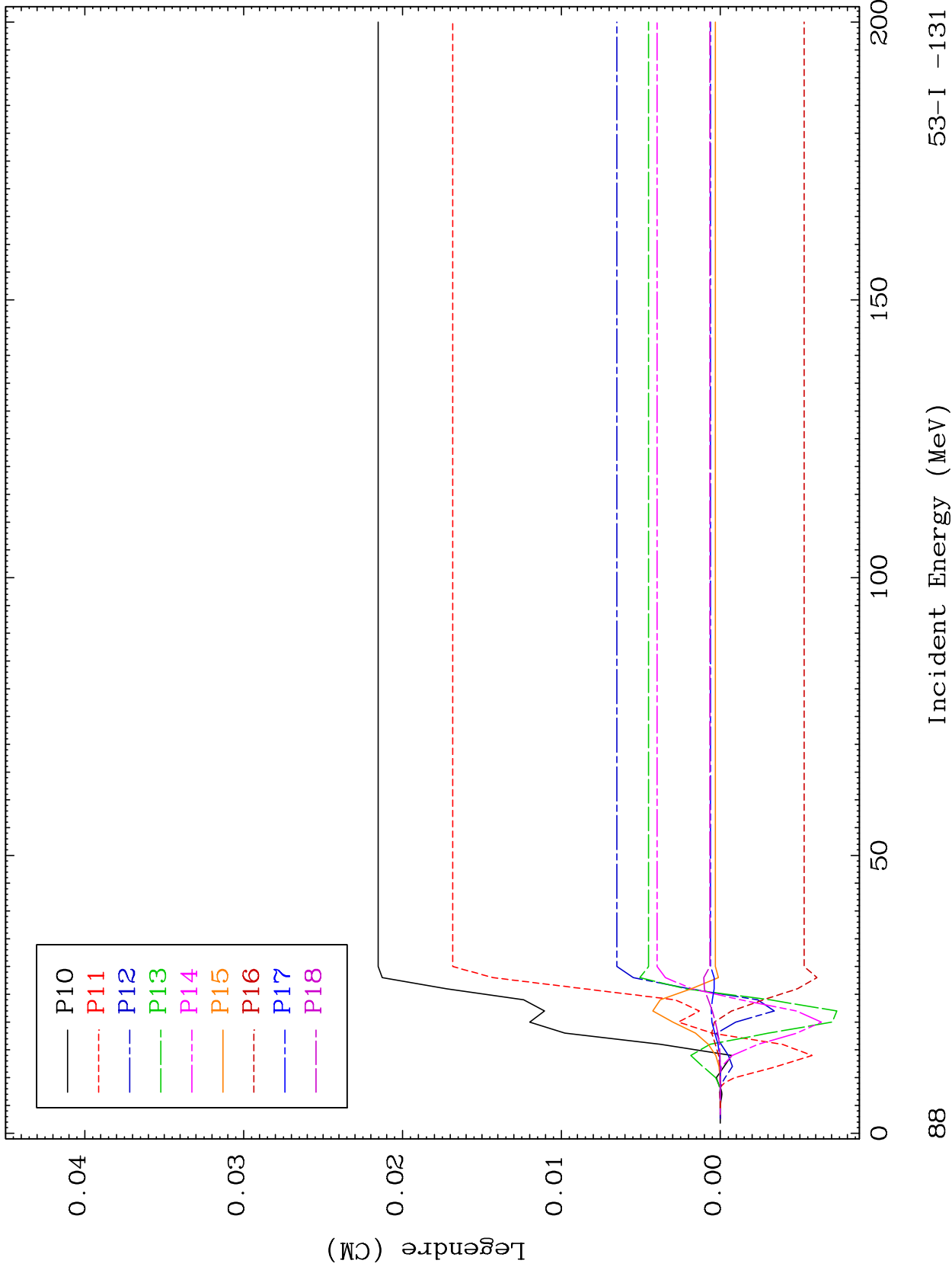
53-I -131

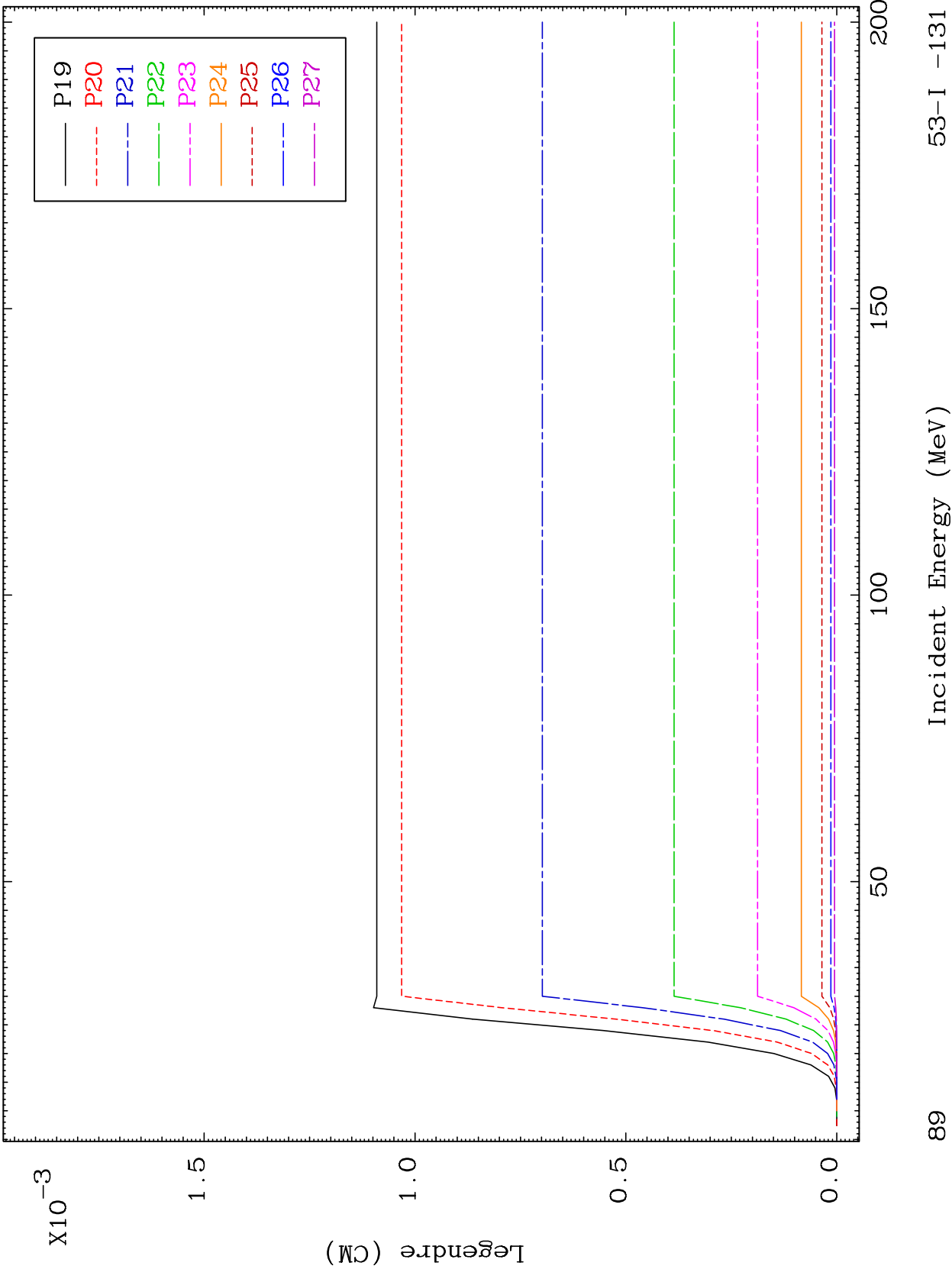
MAT 5337

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

53-I -131



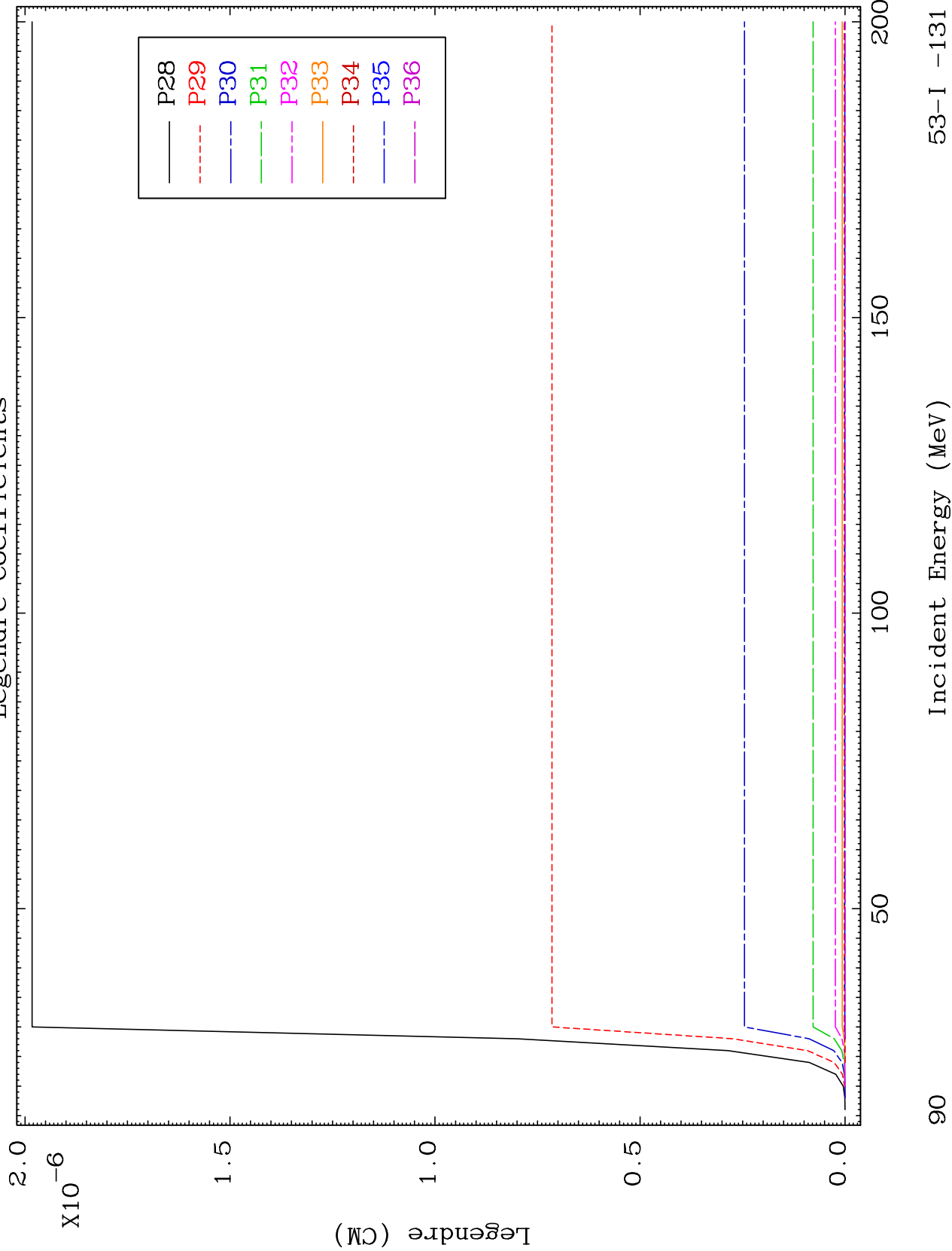




MAT 5337

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

53-I -131



53-I -131

Incident Energy (MeV)

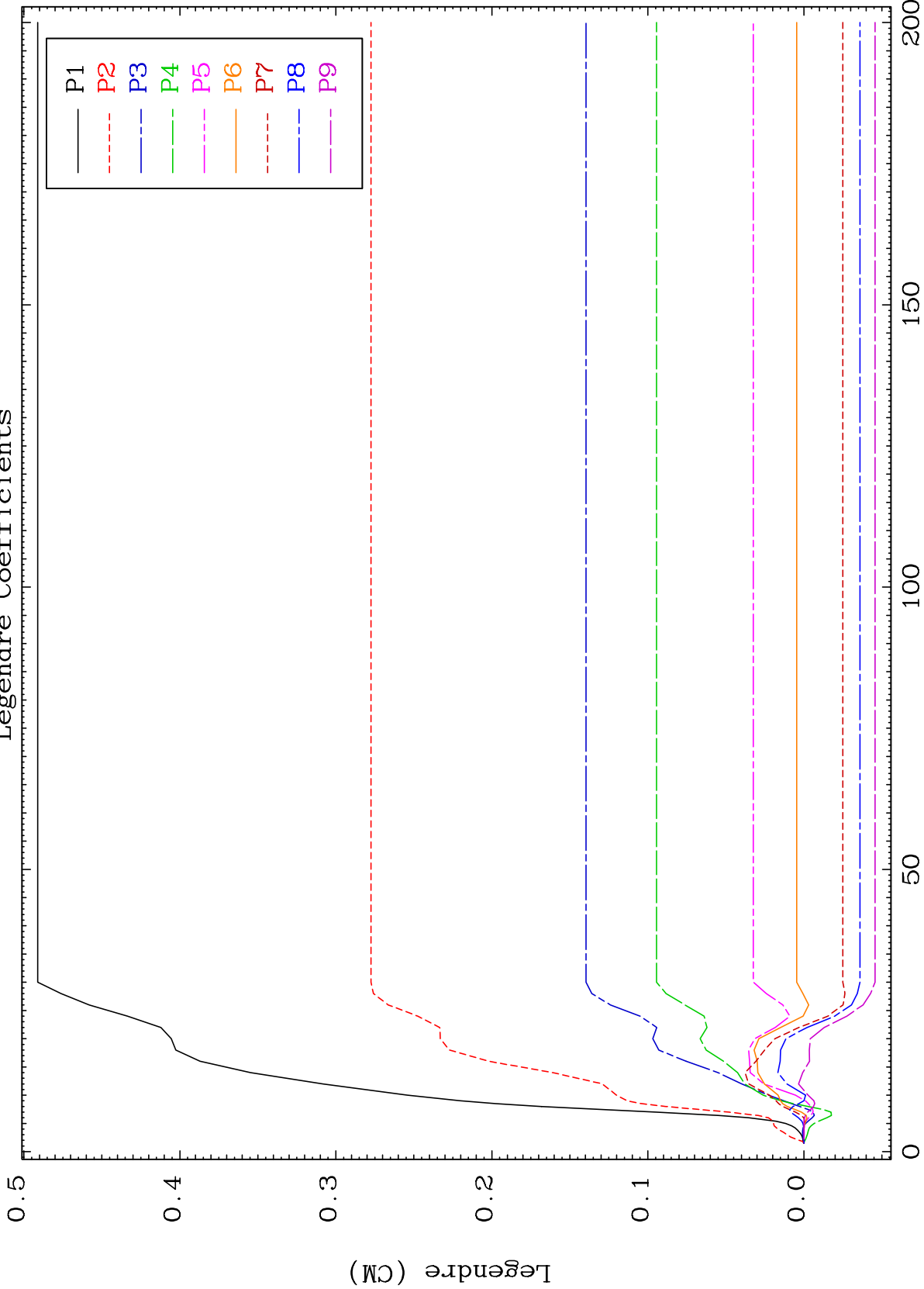
90

MAT 5337

MT= 69 (n,n') Level

53-I -131

Legendre Coefficients



91

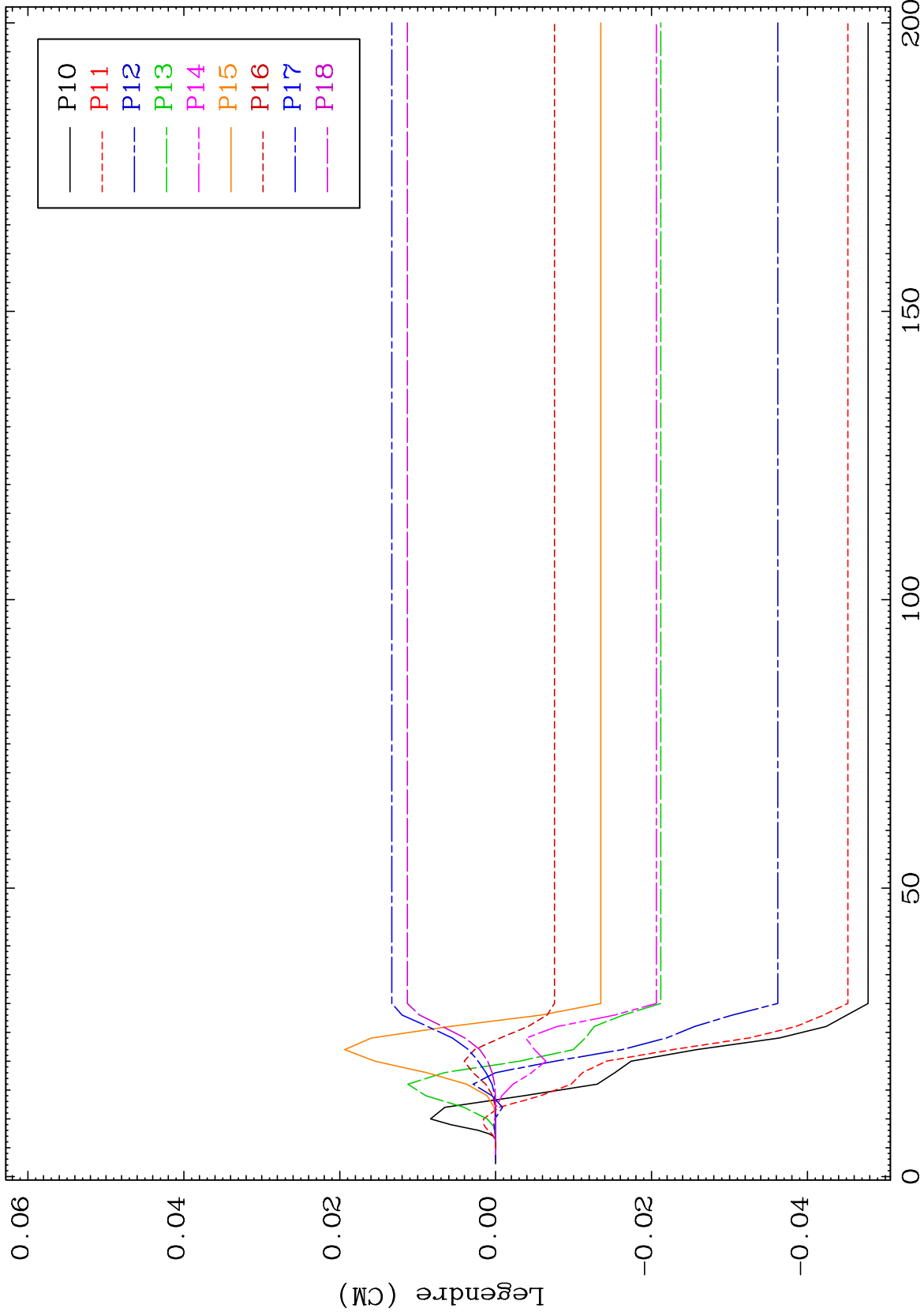
Incident Energy (MeV)

53-I -131

MAT 5337

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

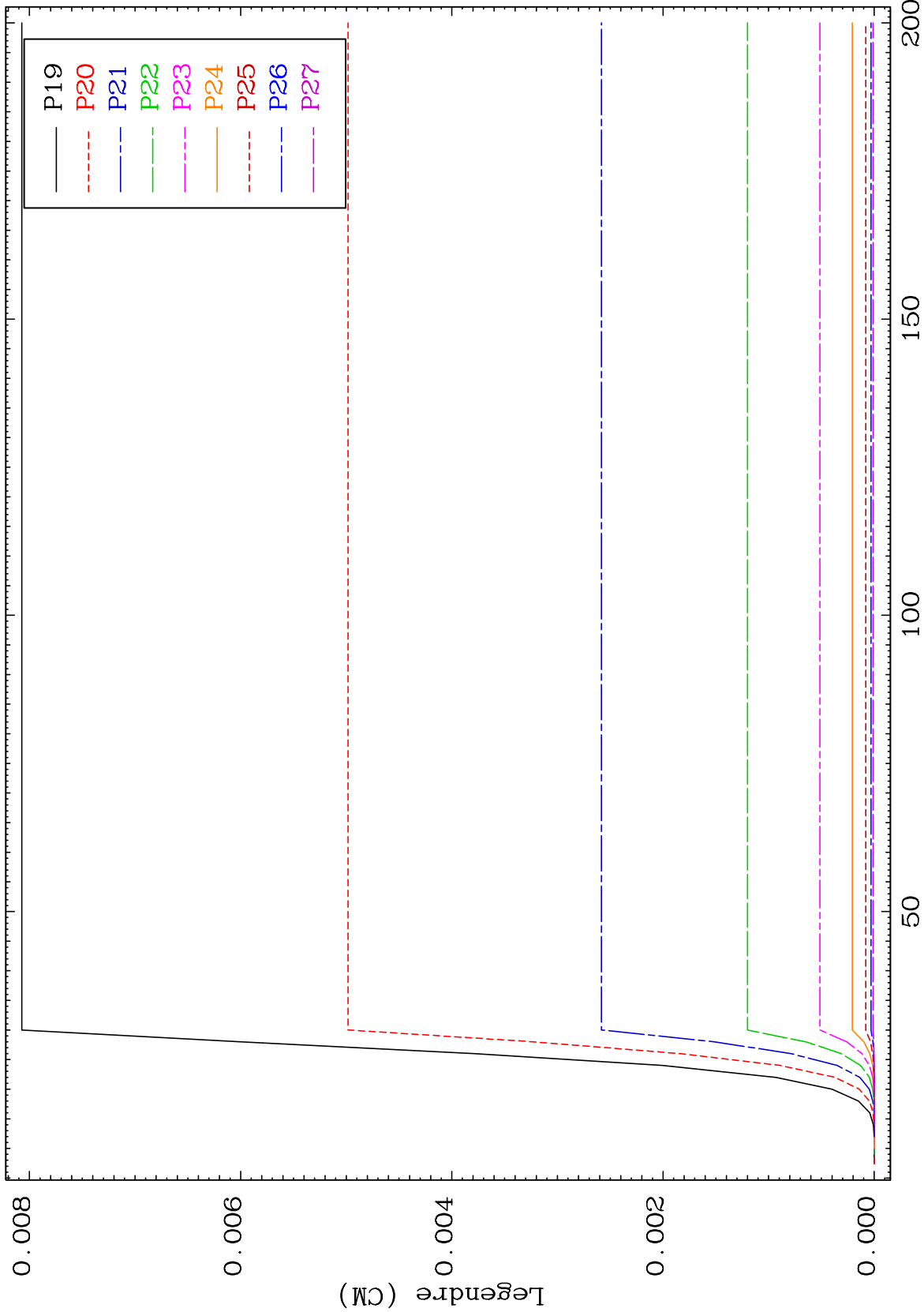
53-I -131



92

Incident Energy (MeV)

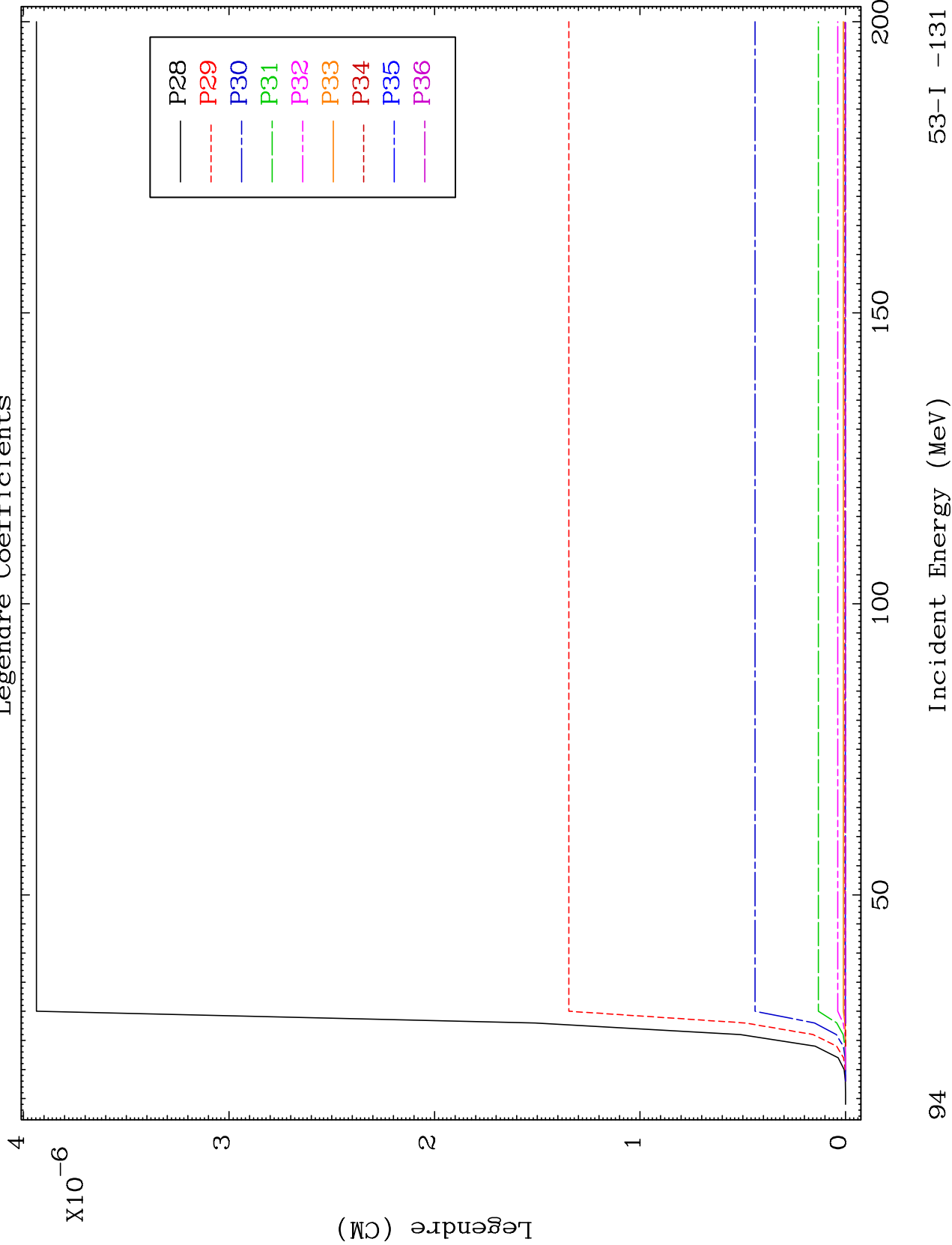
53-I -131



MAT 5337

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

53-I -131



94

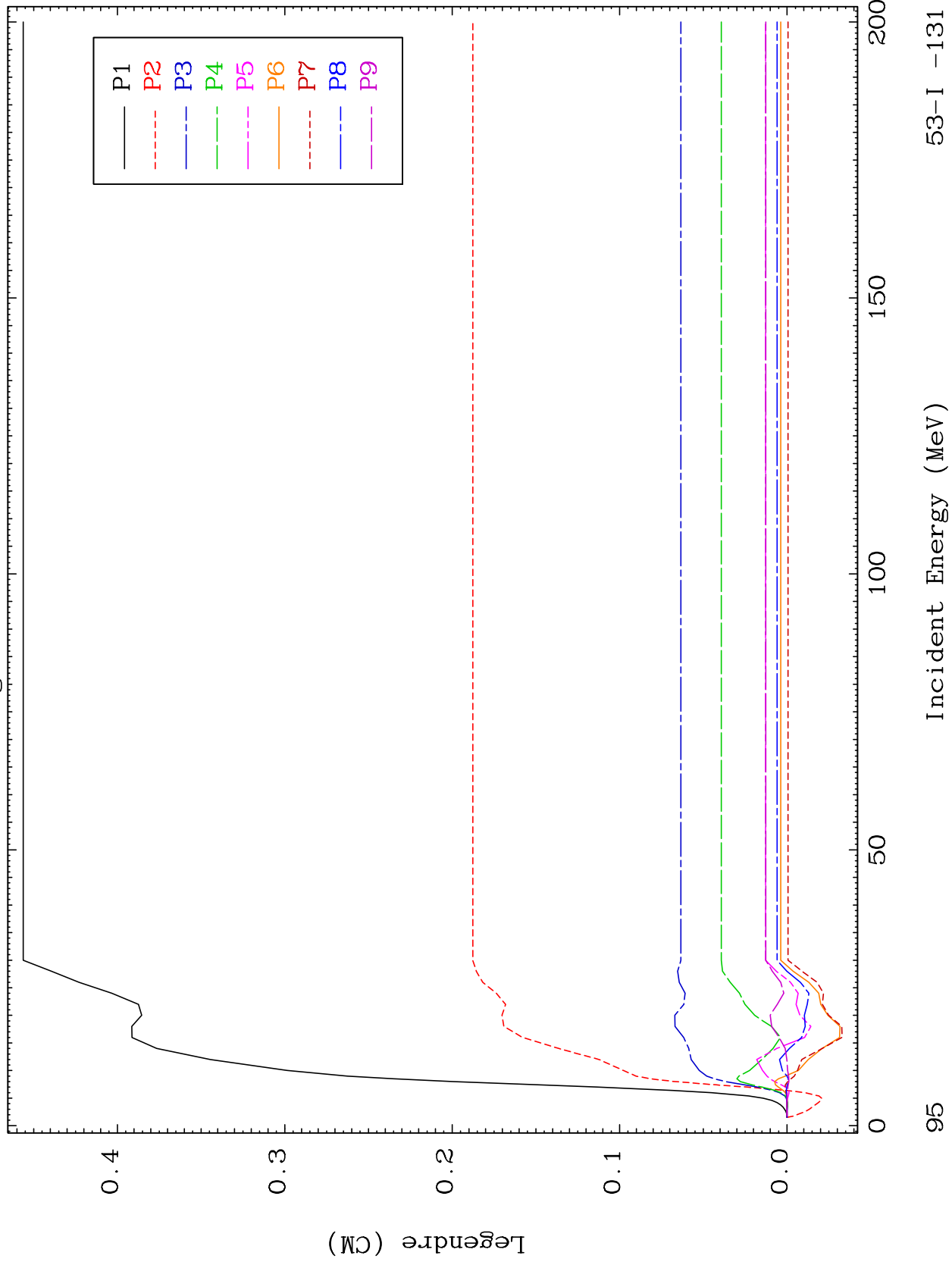
Incident Energy (MeV)

53-I -131

MAT 5337

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

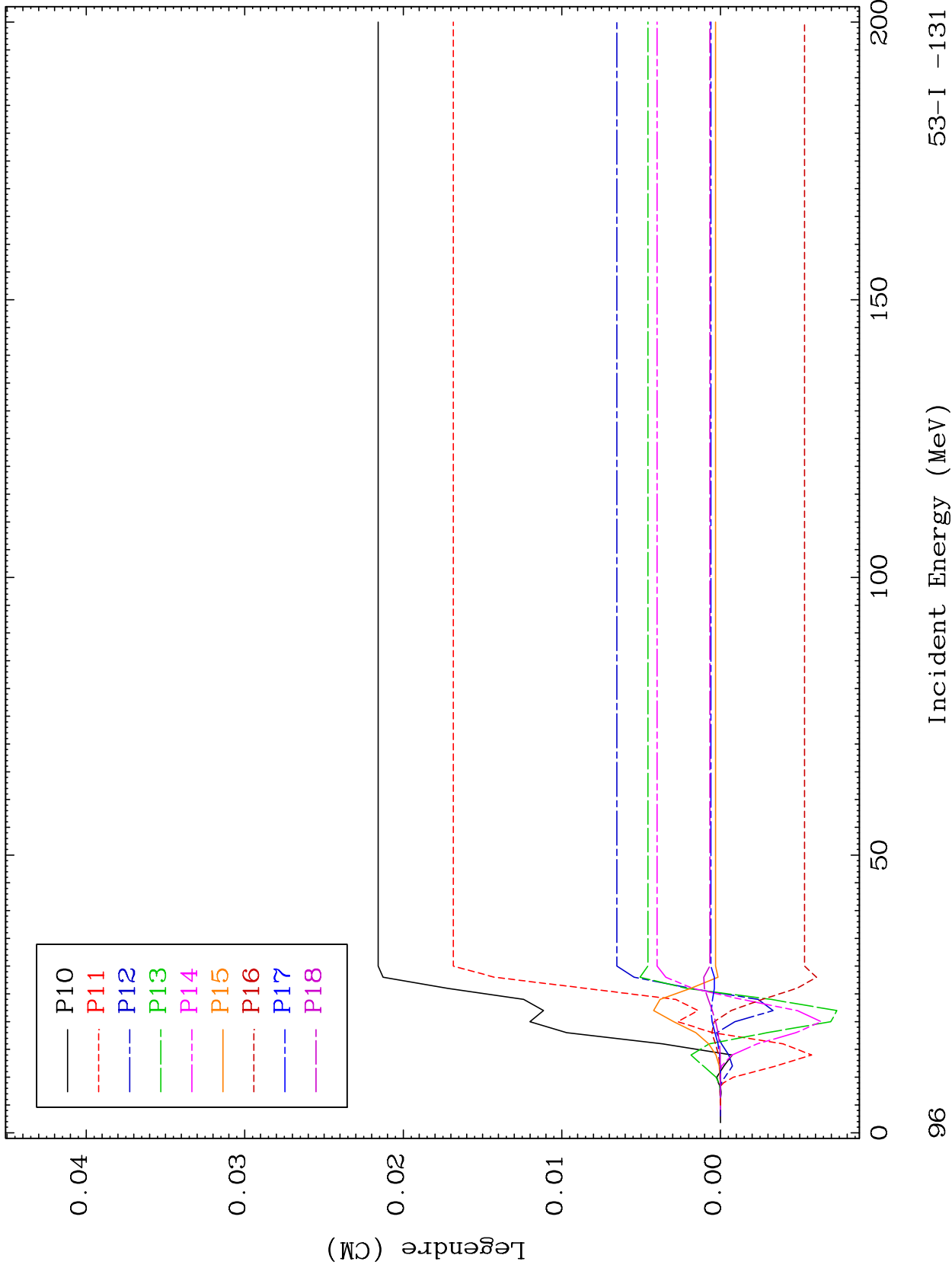
53-I -131

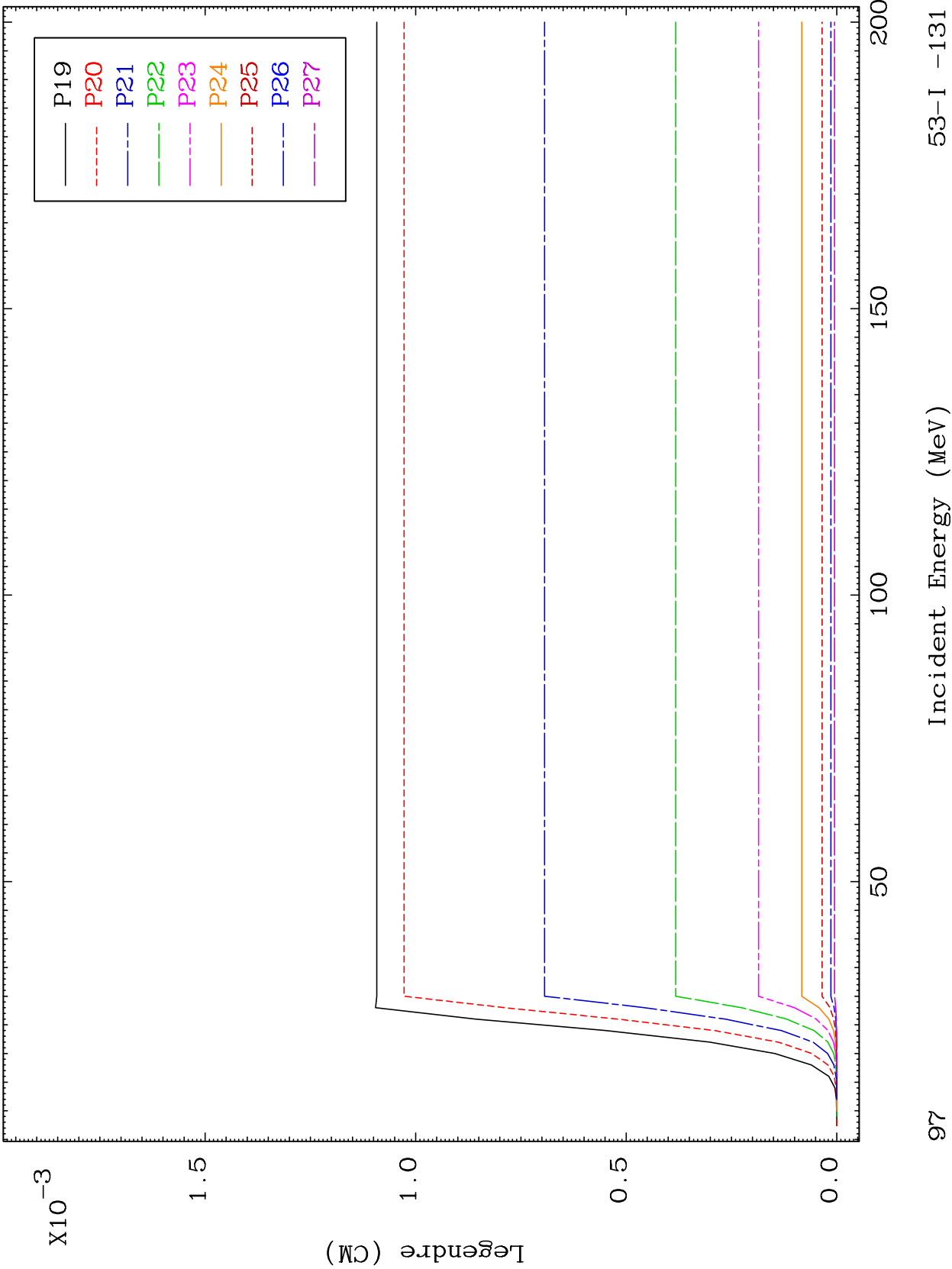


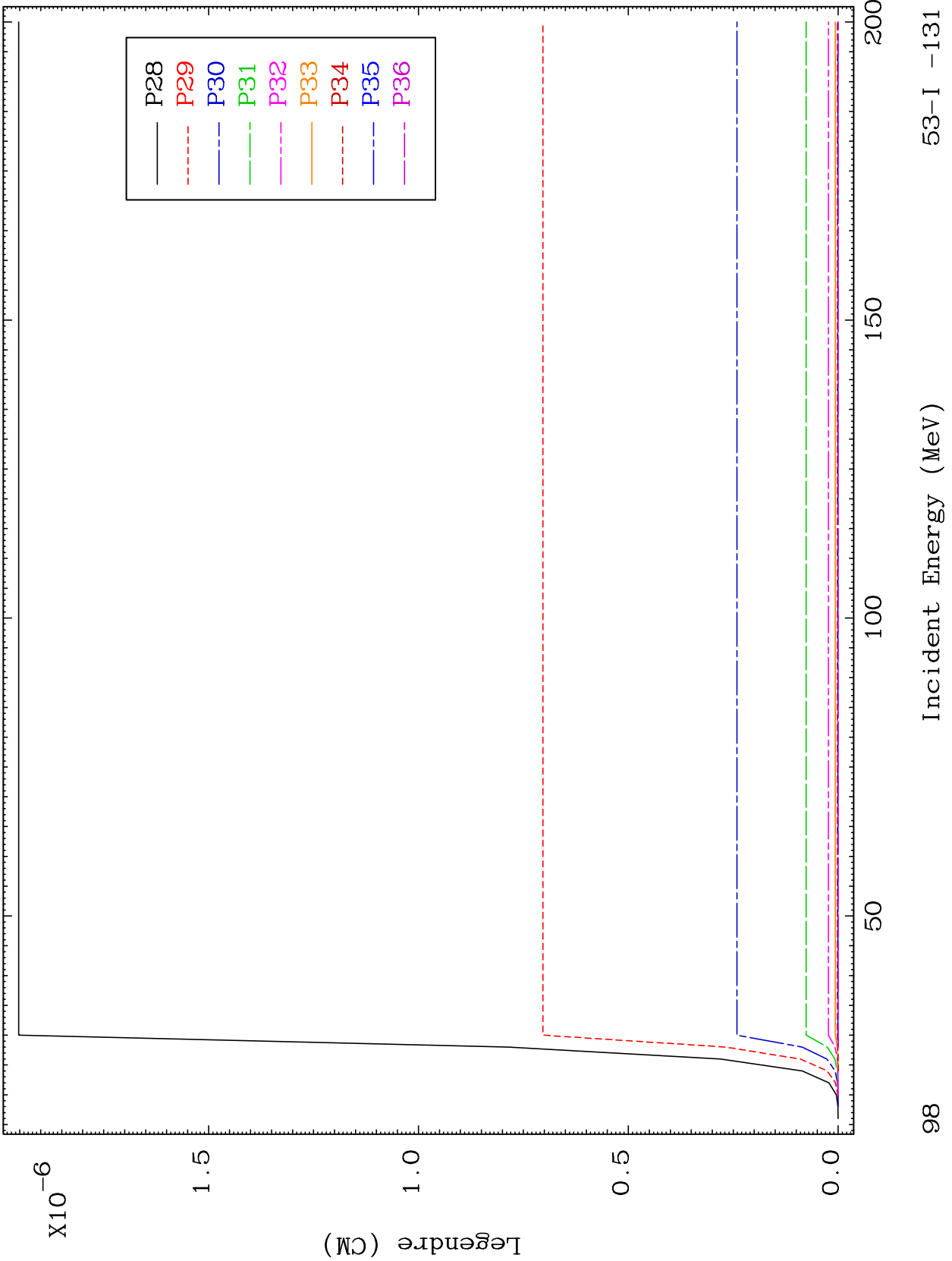
53-I -131

Incident Energy (MeV)

95



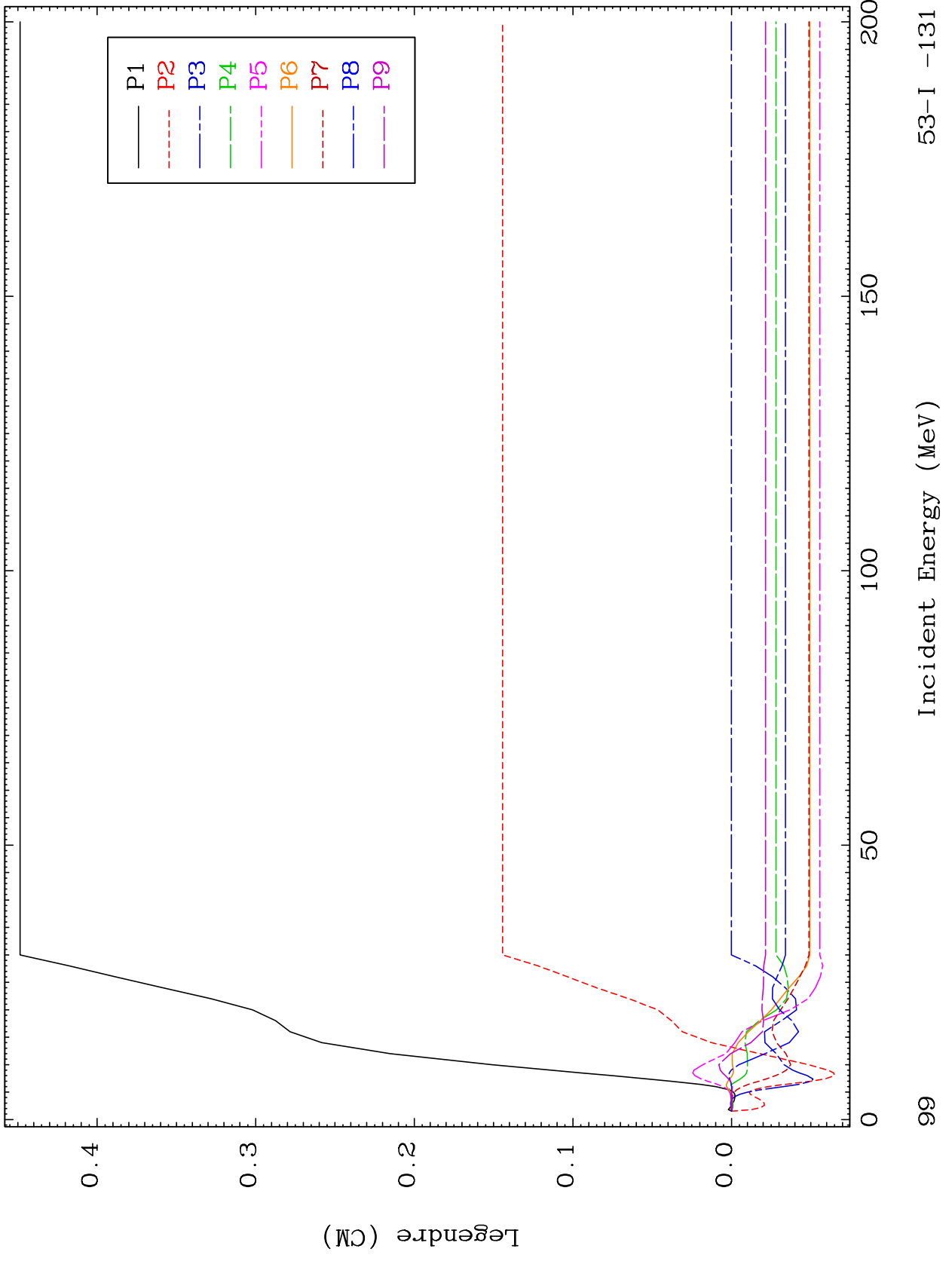




MAT 5337

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

53-I -131

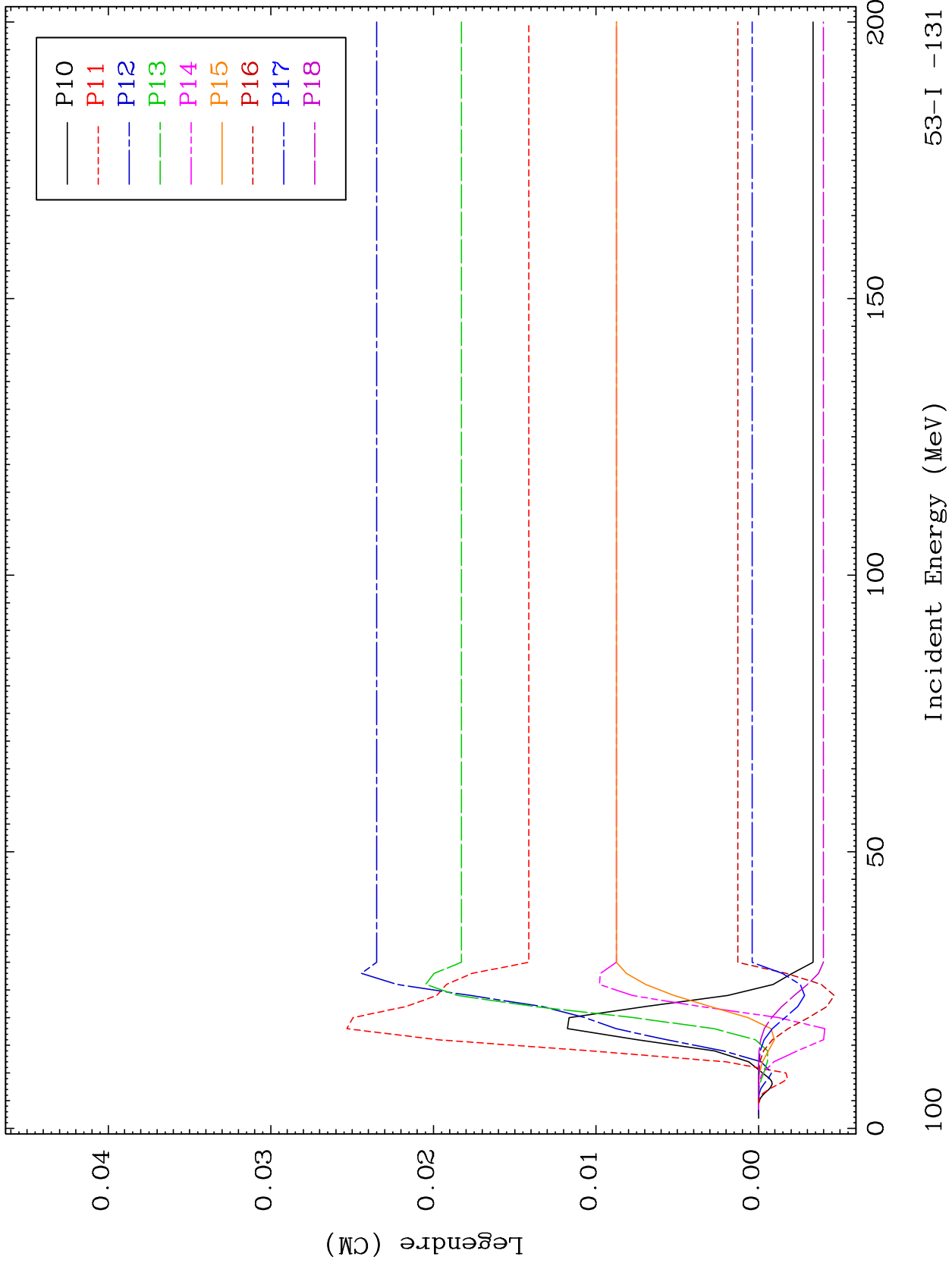


53-I -131

MAT 5337

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

53-I -131



53-I -131

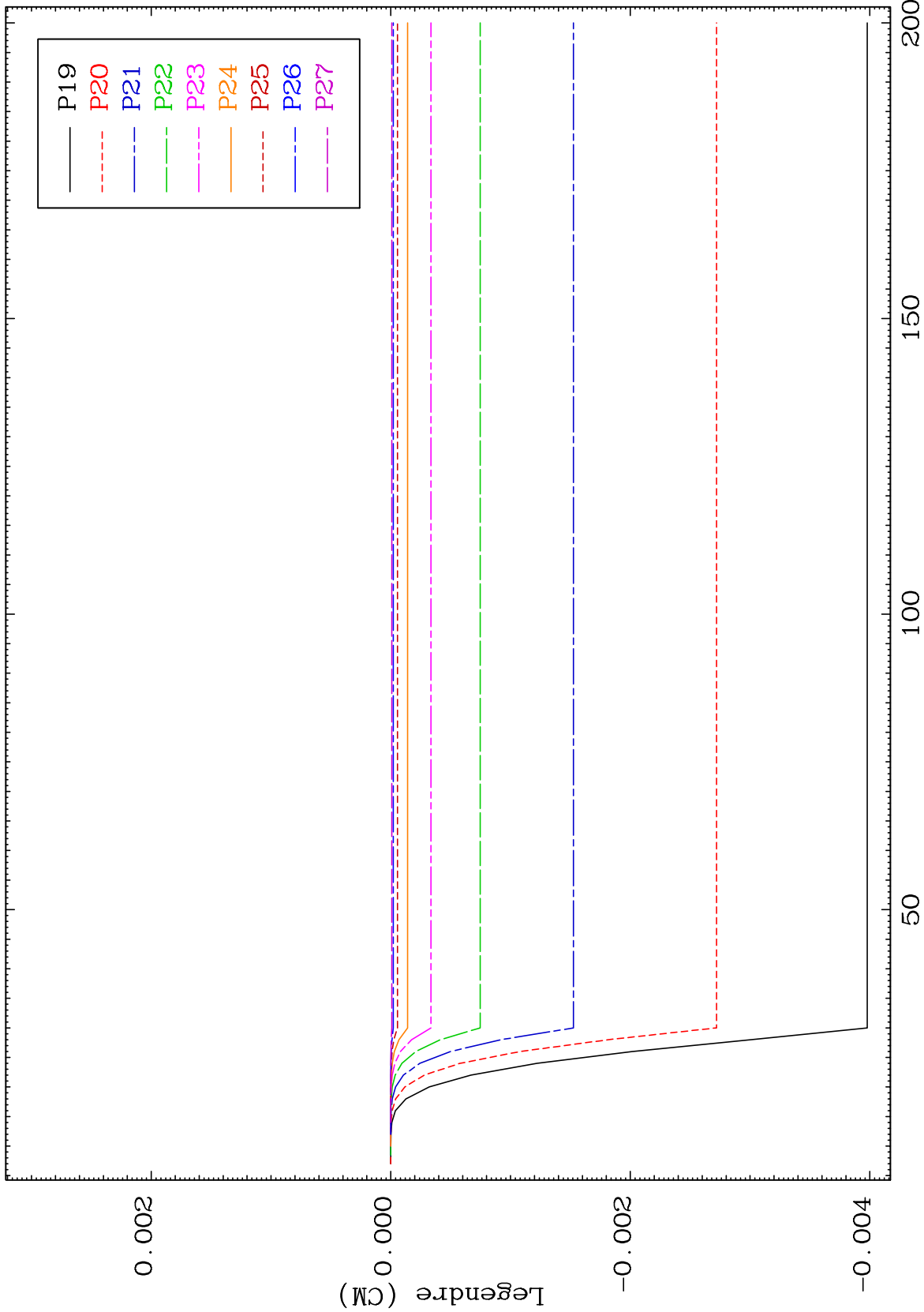
Incident Energy (MeV)

100

MAT 5337

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

53-I -131



101

Incident Energy (MeV)

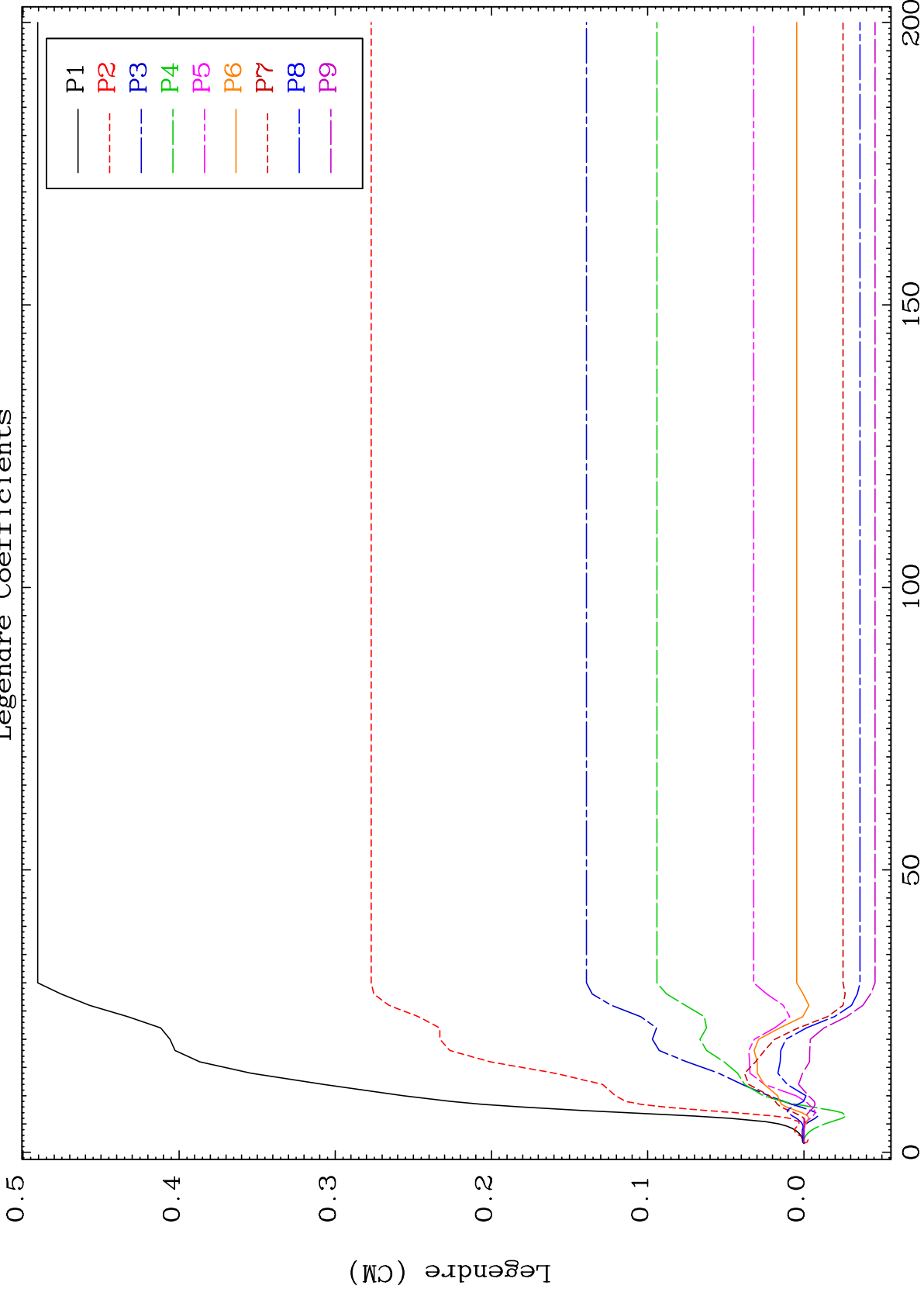
53-I -131

MAT 5337

MT= 72 (n,n') Level

53-I -131

Legendre Coefficients



103

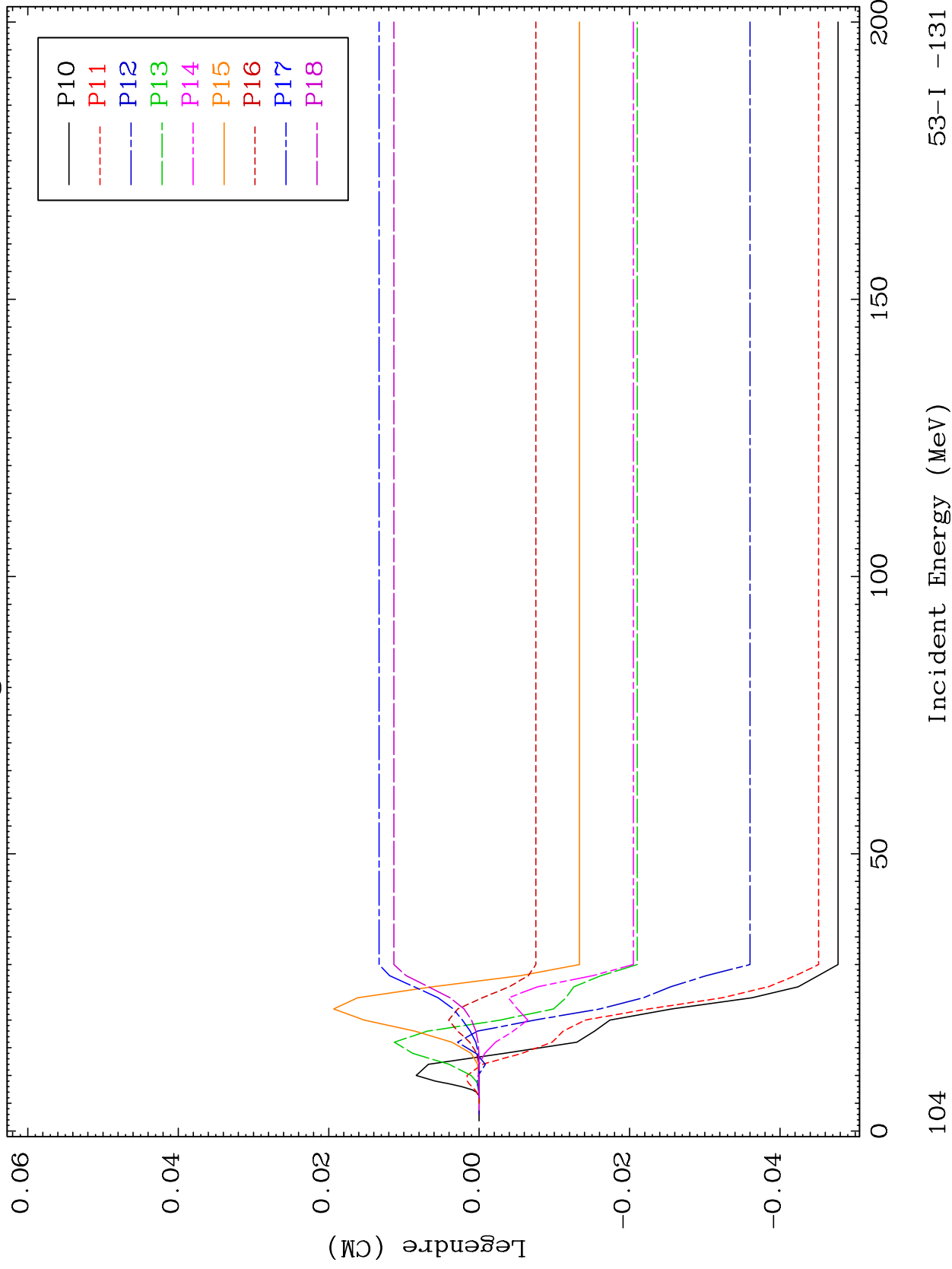
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



104

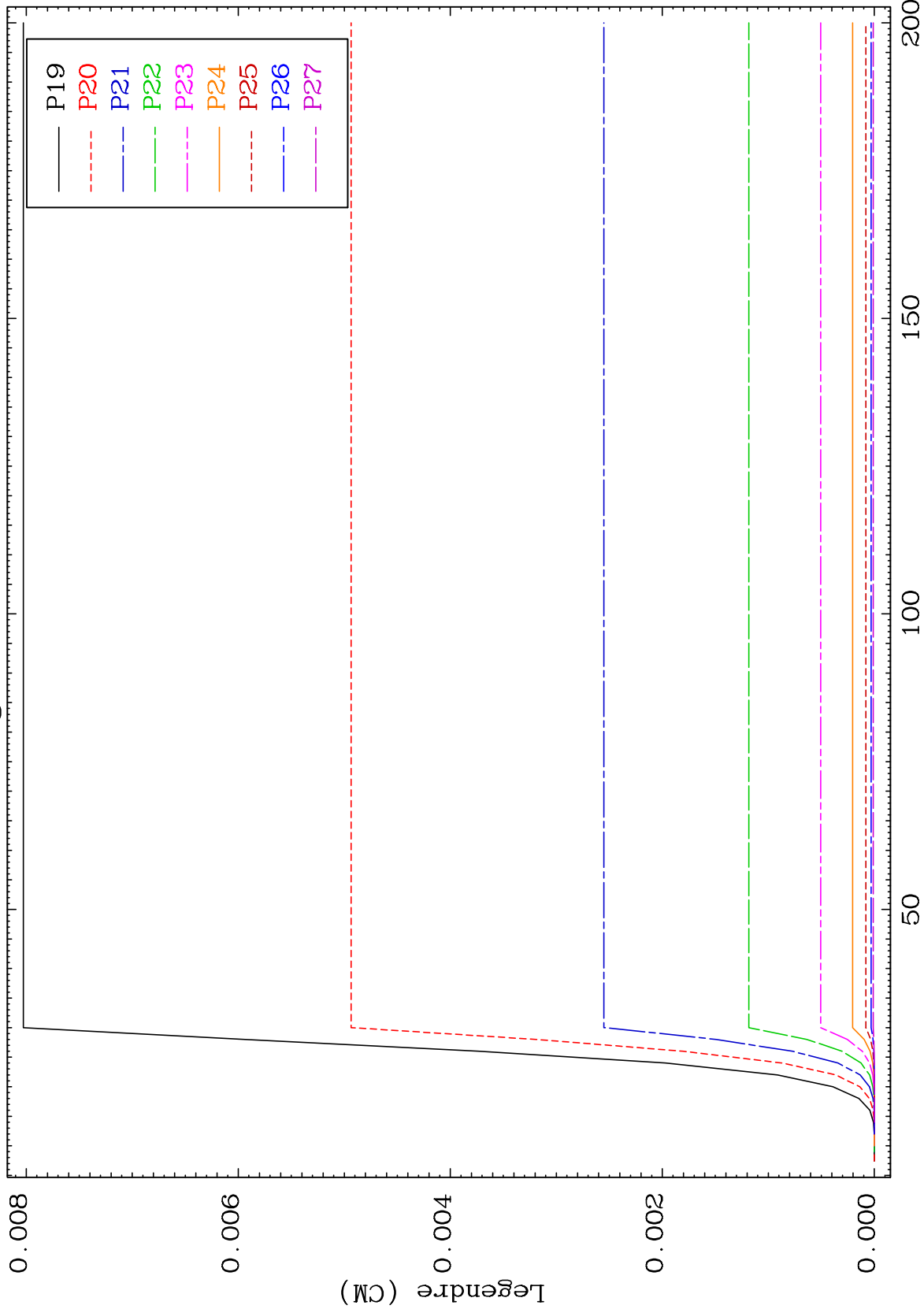
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



105

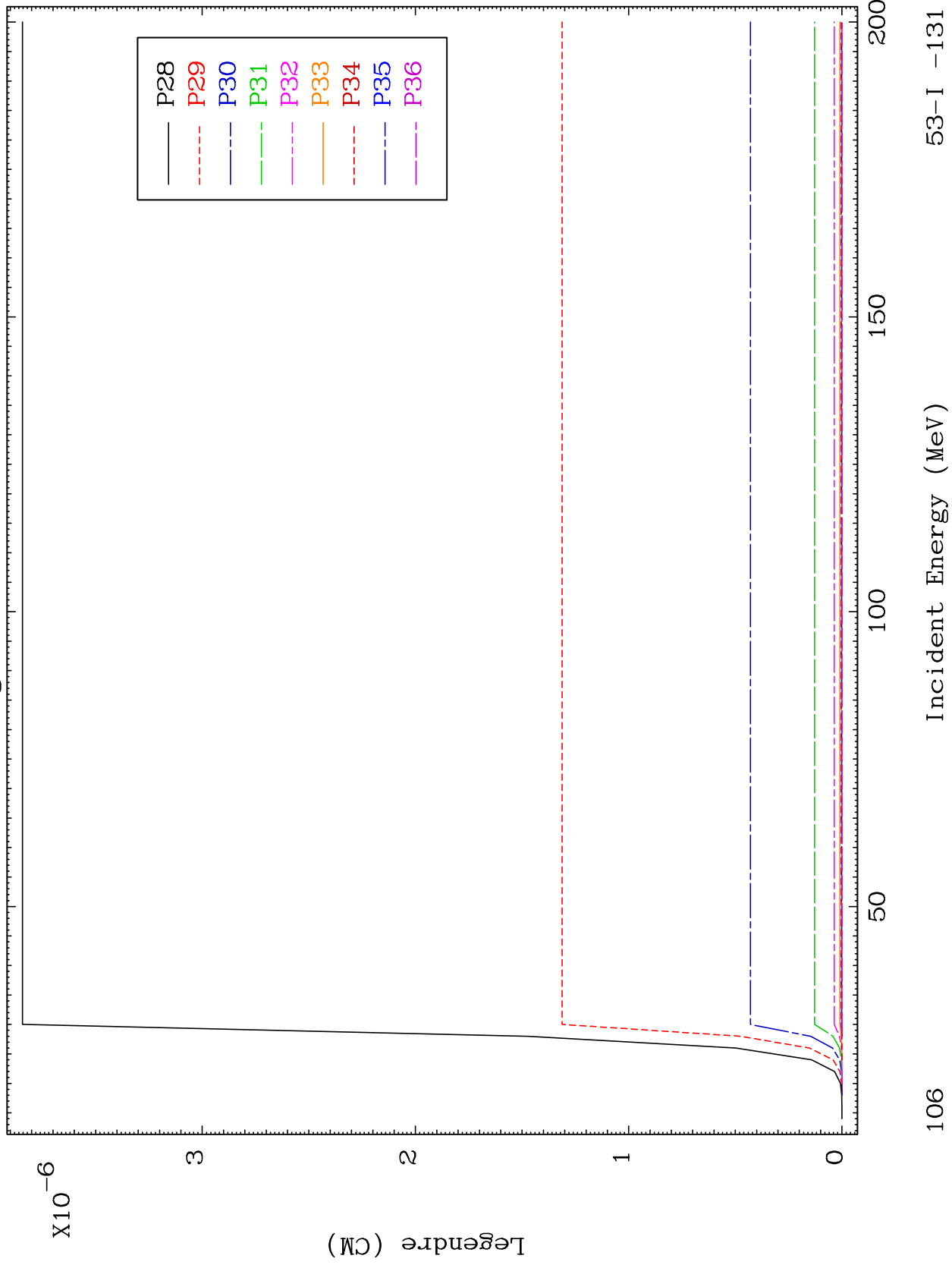
Incident Energy (MeV)

53-I -131

MAT 5337

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

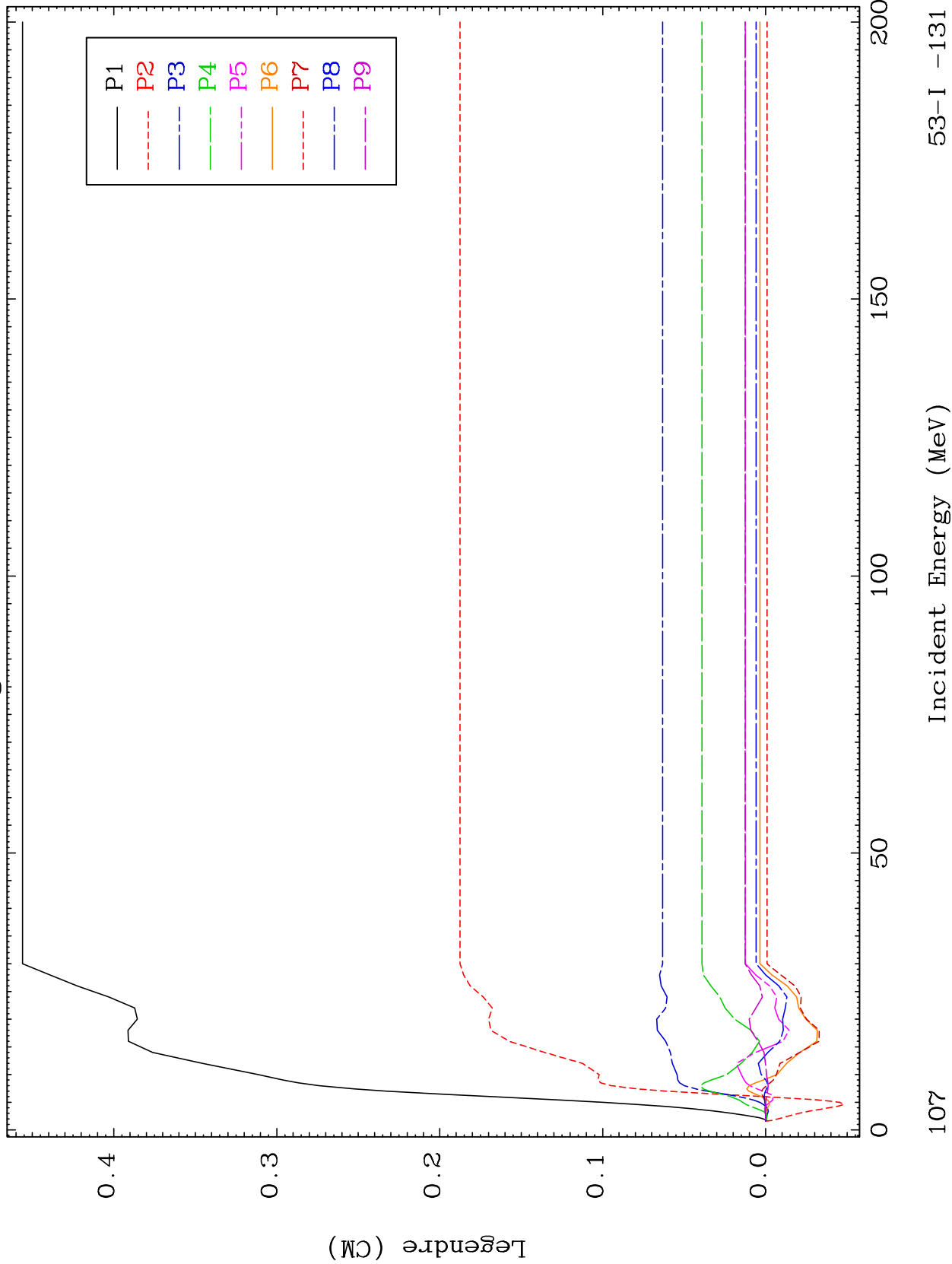
53-I -131



MAT 5337

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

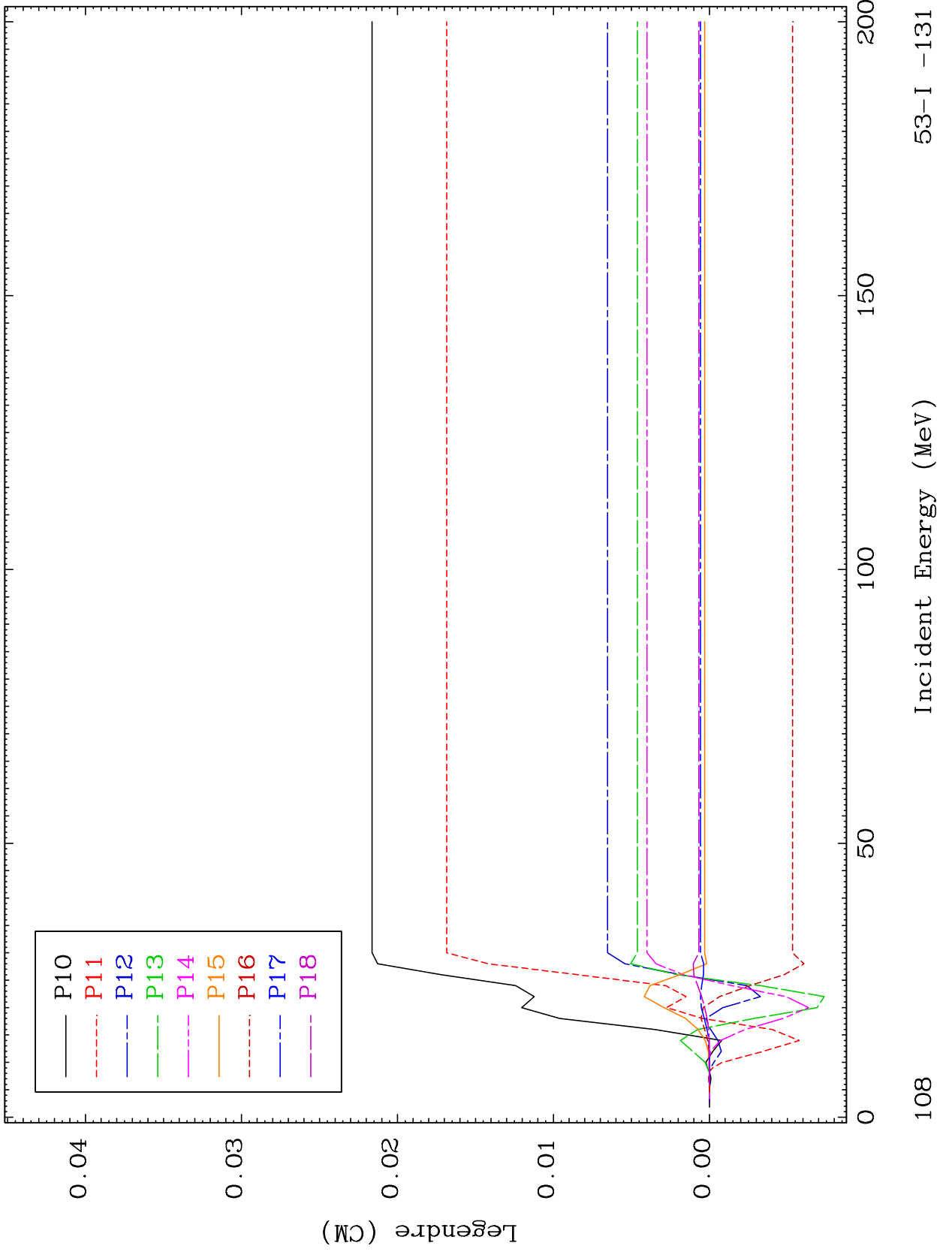
53-I -131

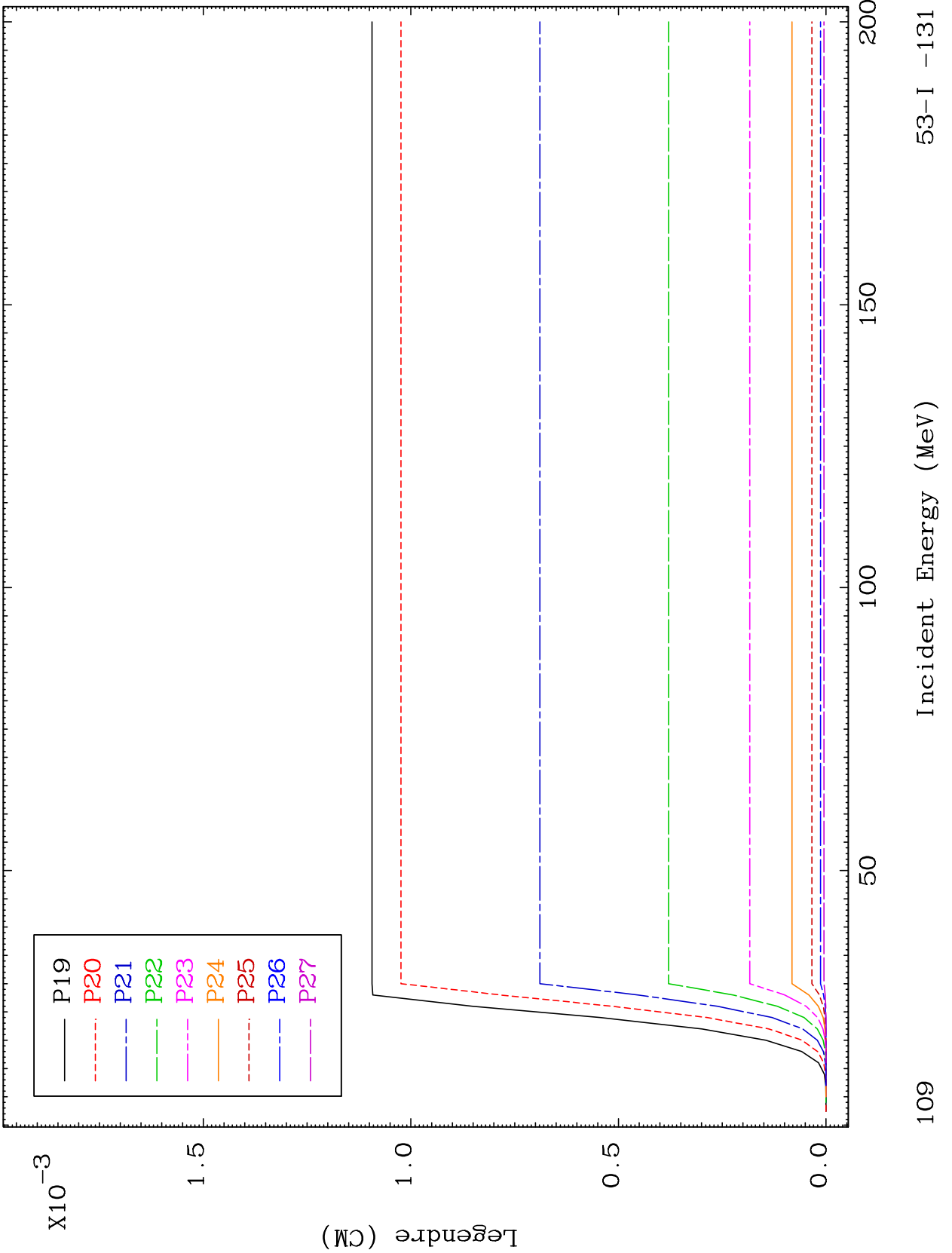


53-I -131

Incident Energy (MeV)

107

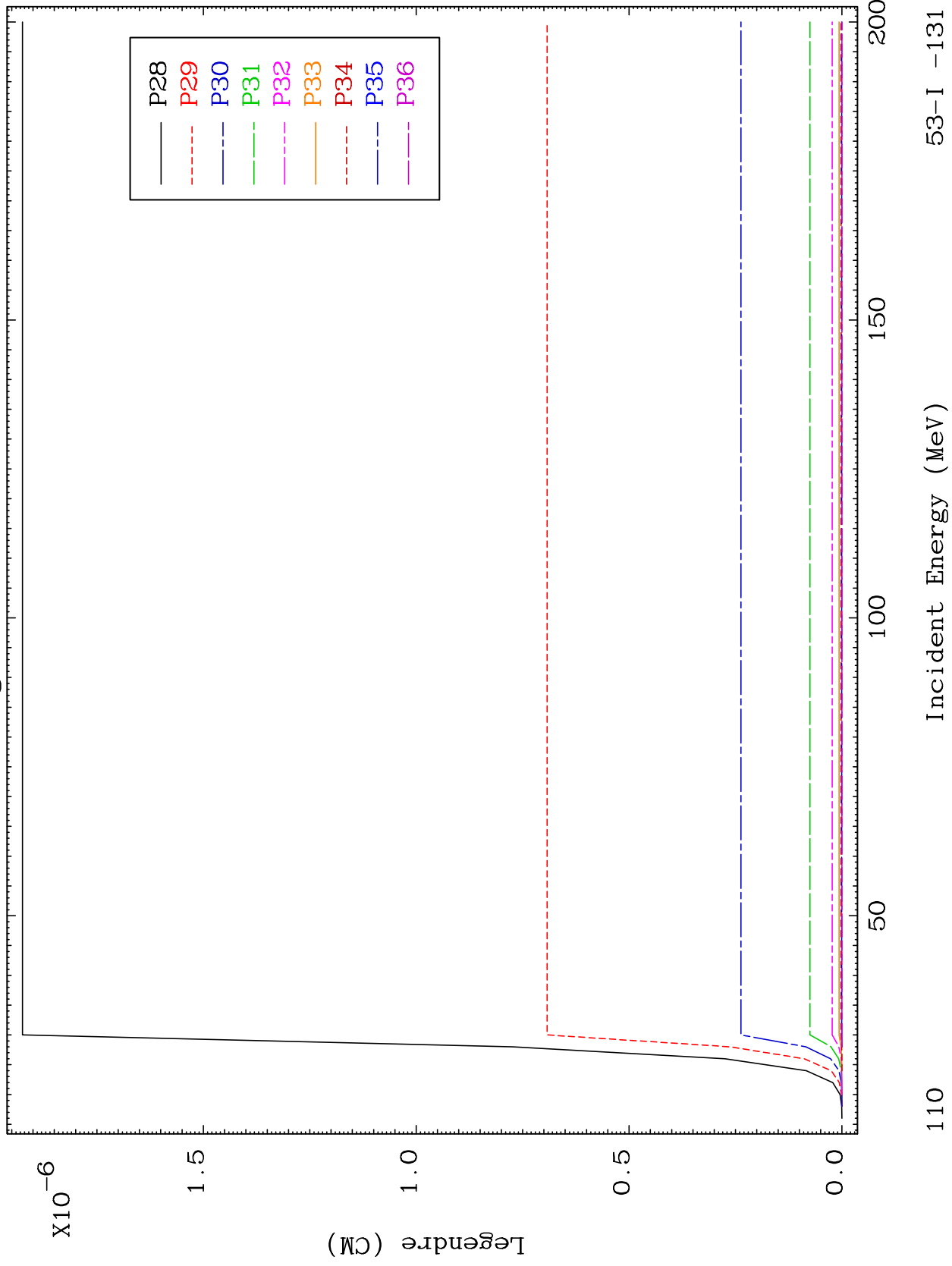




MAT 5337

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

53-I -131



110

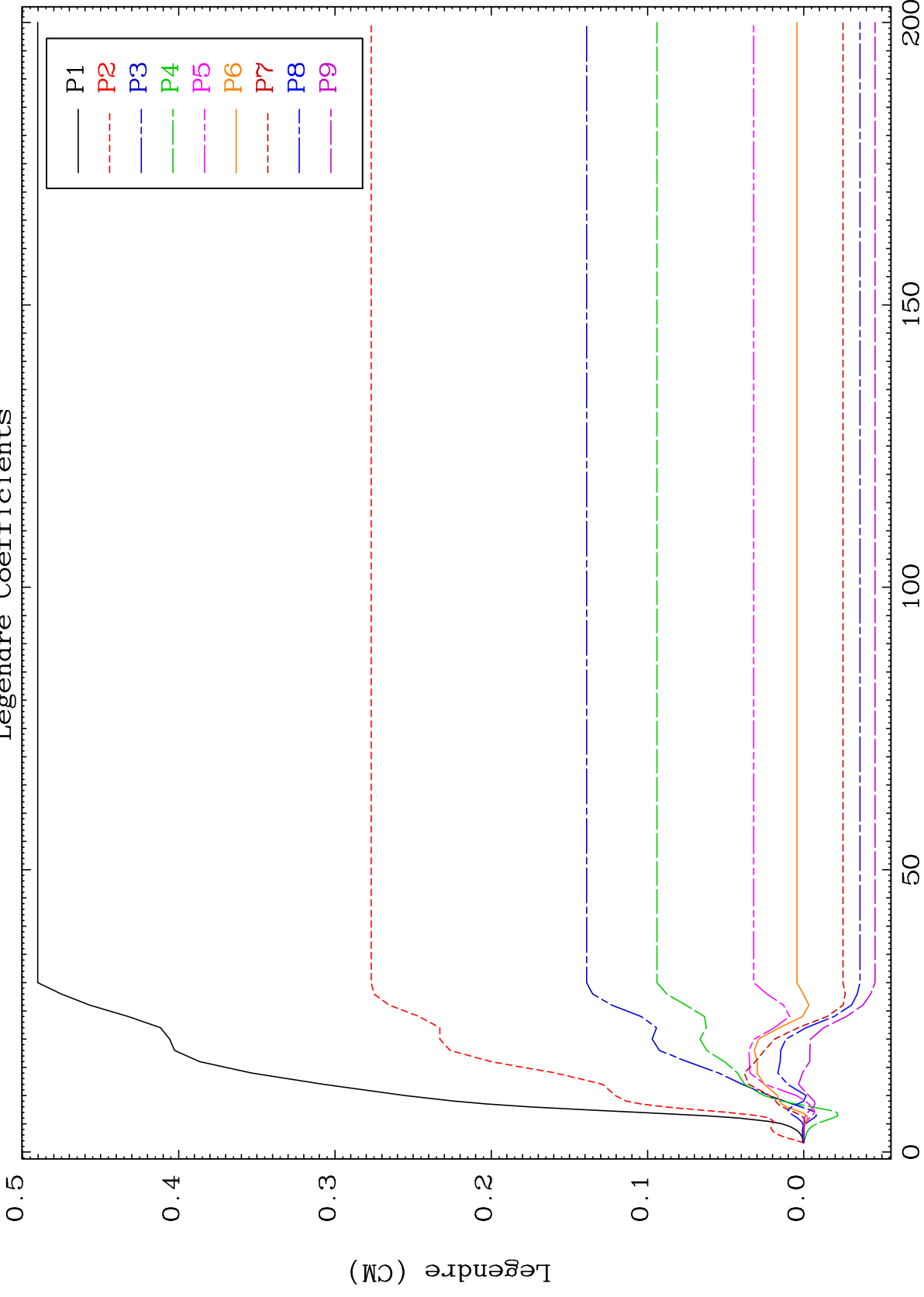
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



53-I -131

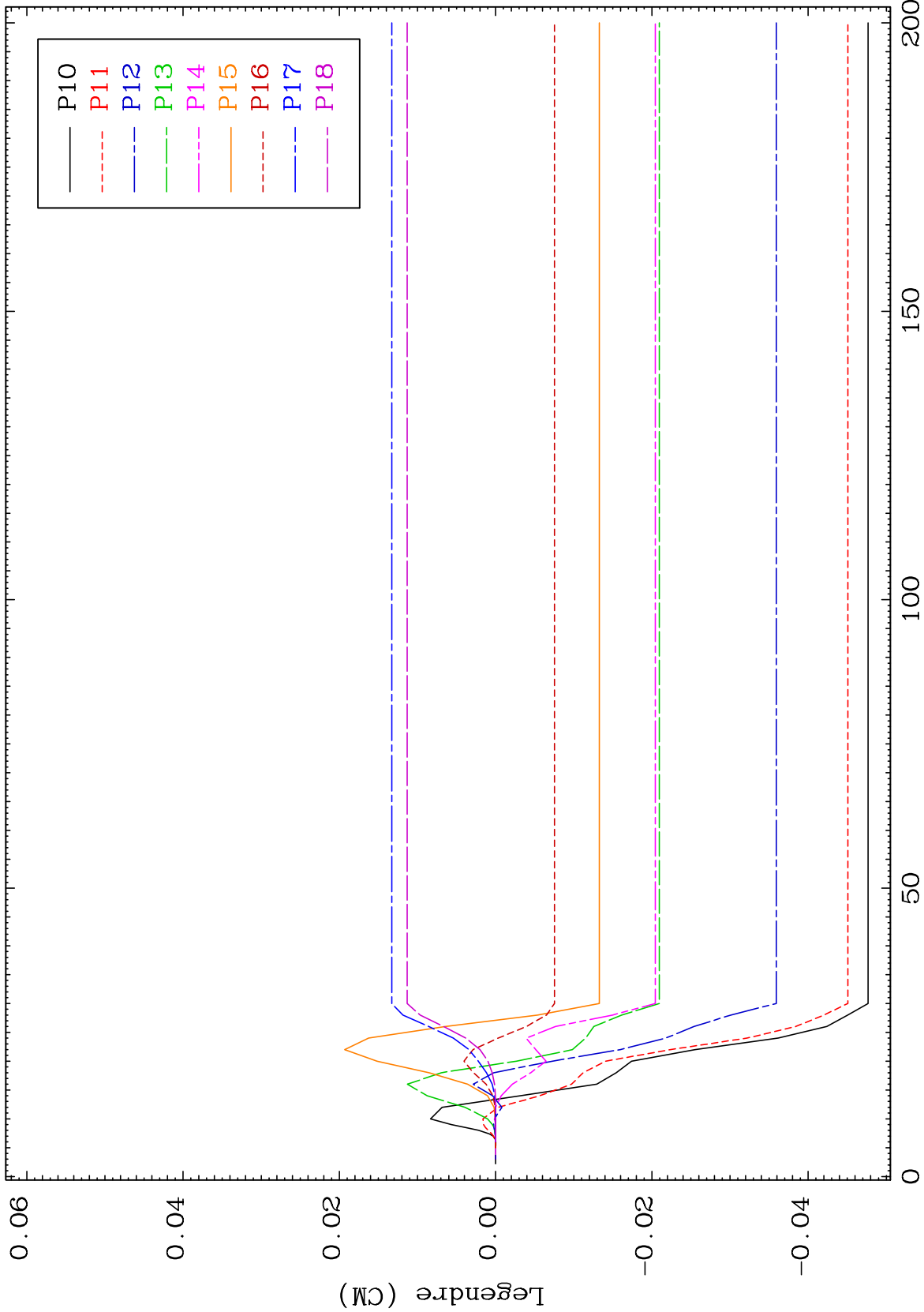
Incident Energy (MeV)

111

MAT 5337

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

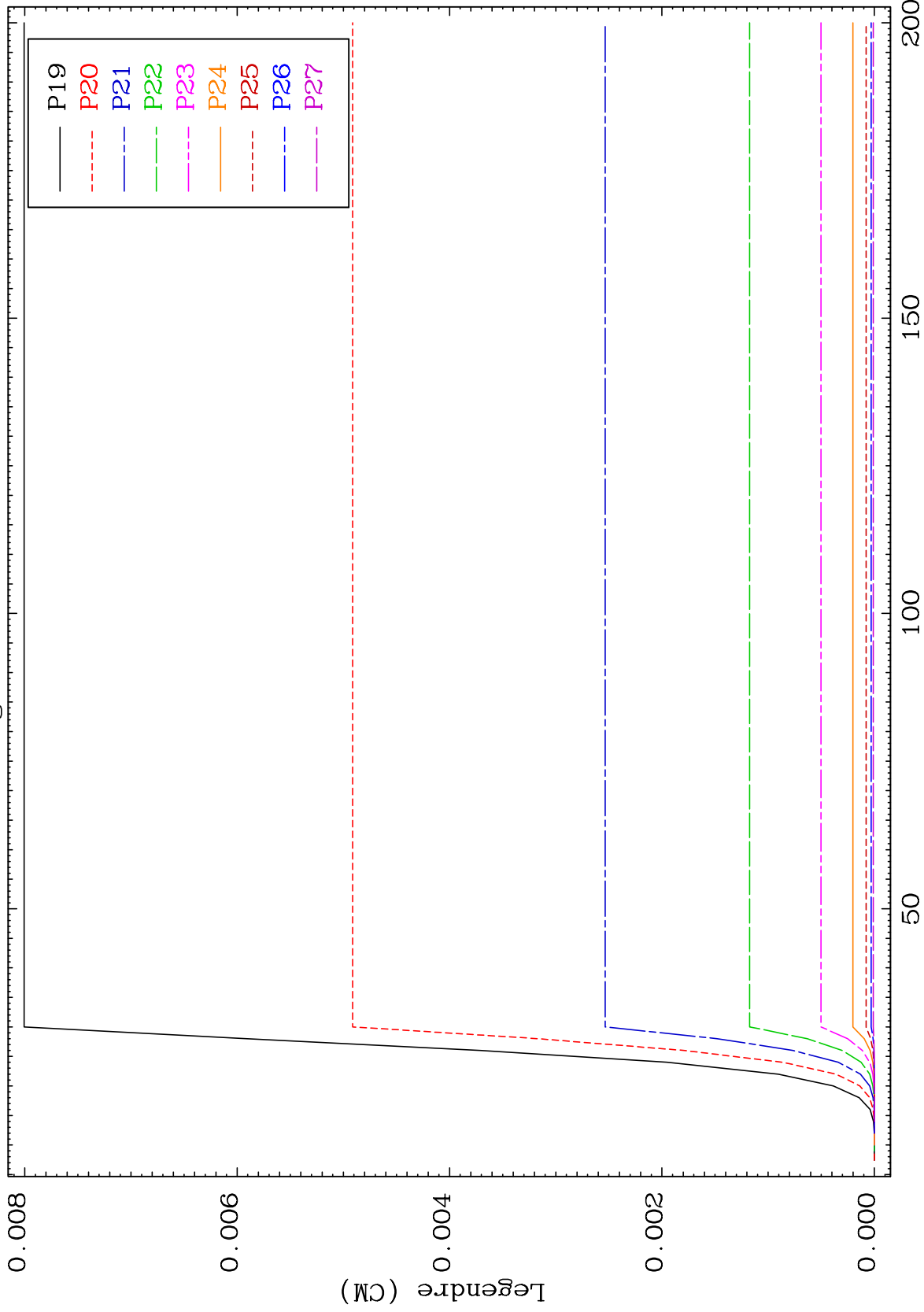
53-I -131



112

Incident Energy (MeV)

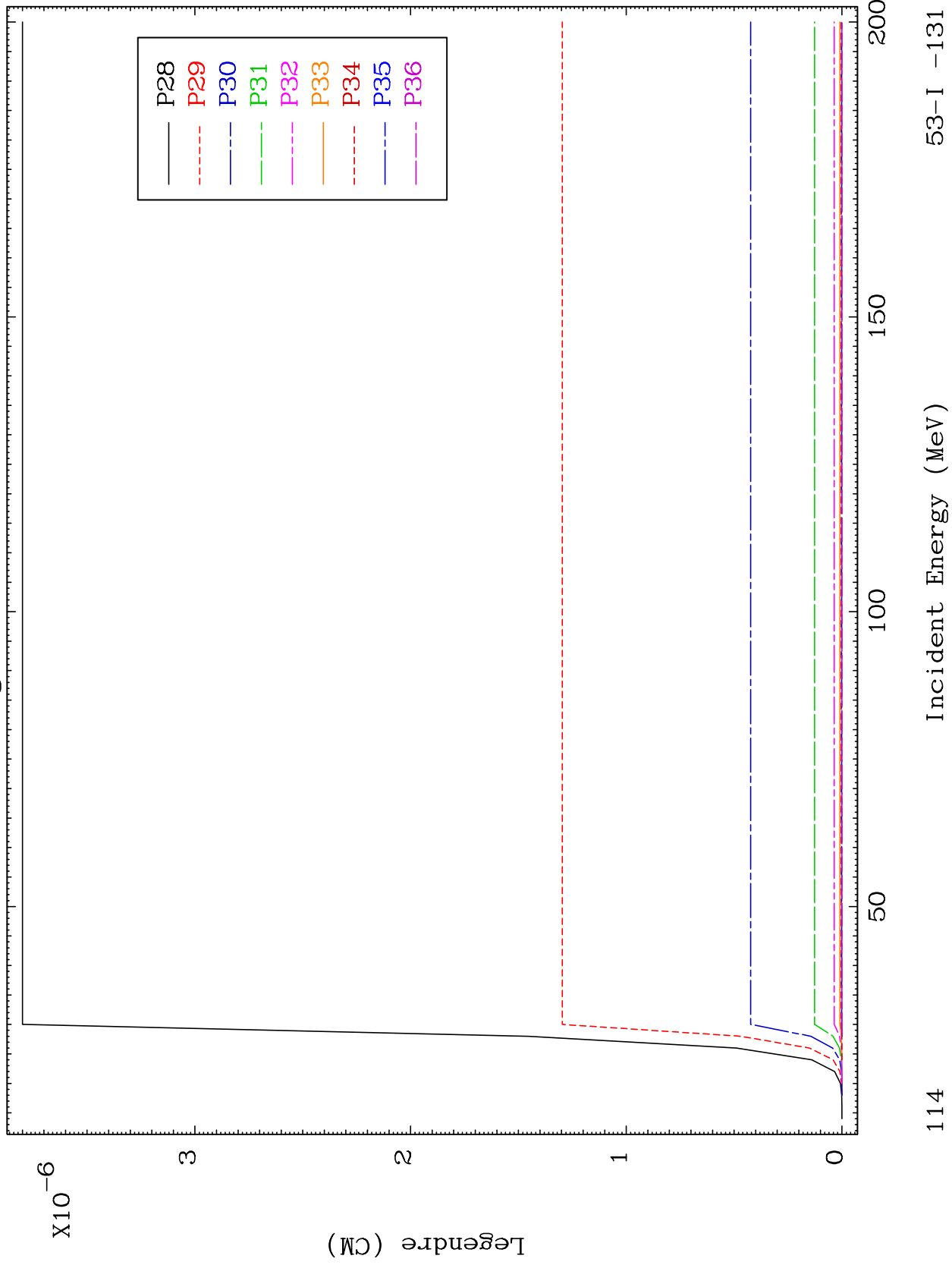
53-I -131



MAT 5337

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

53-I -131



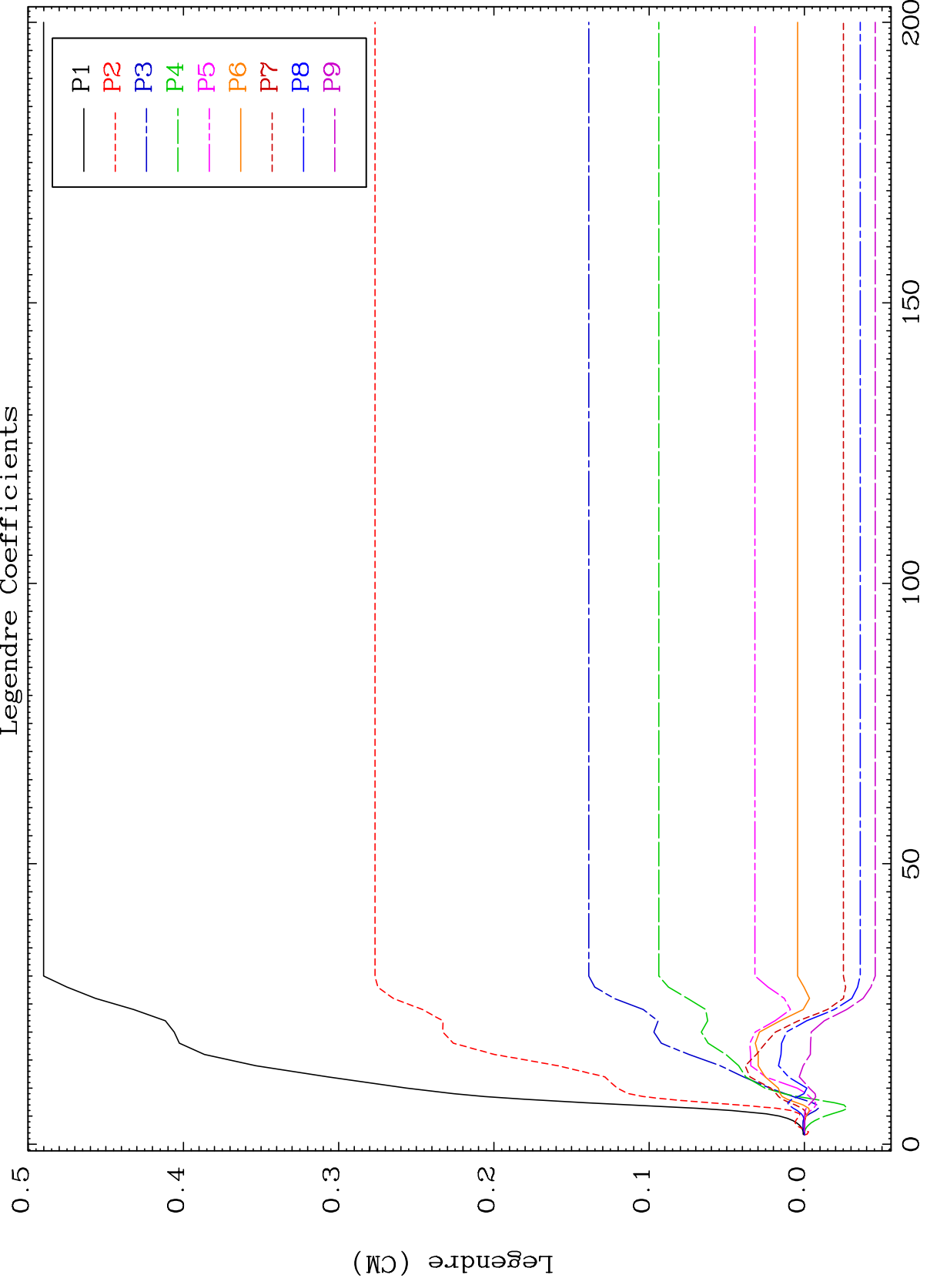
114

53-I -131

MAT 5337

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

53-I -131



115

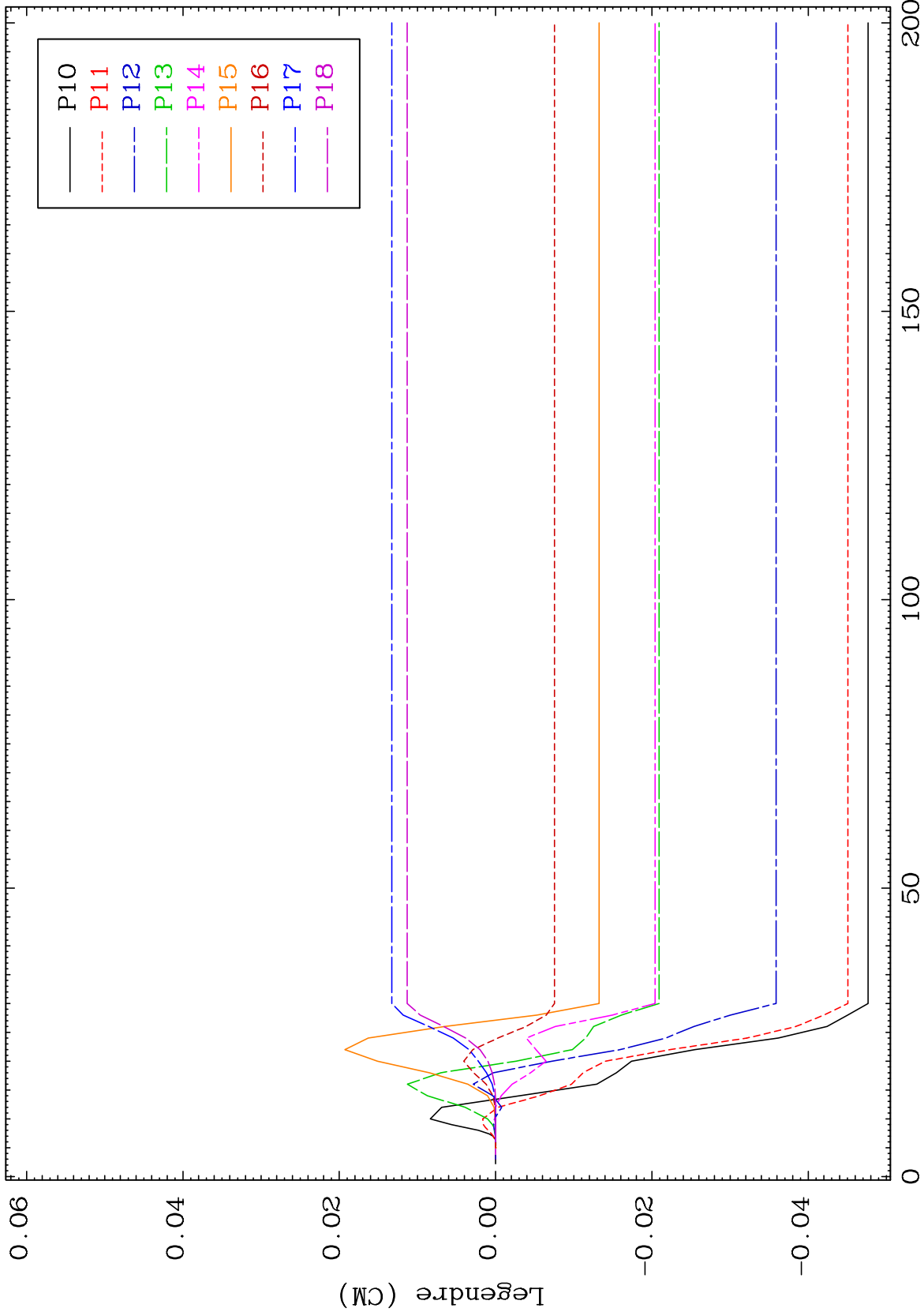
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



116

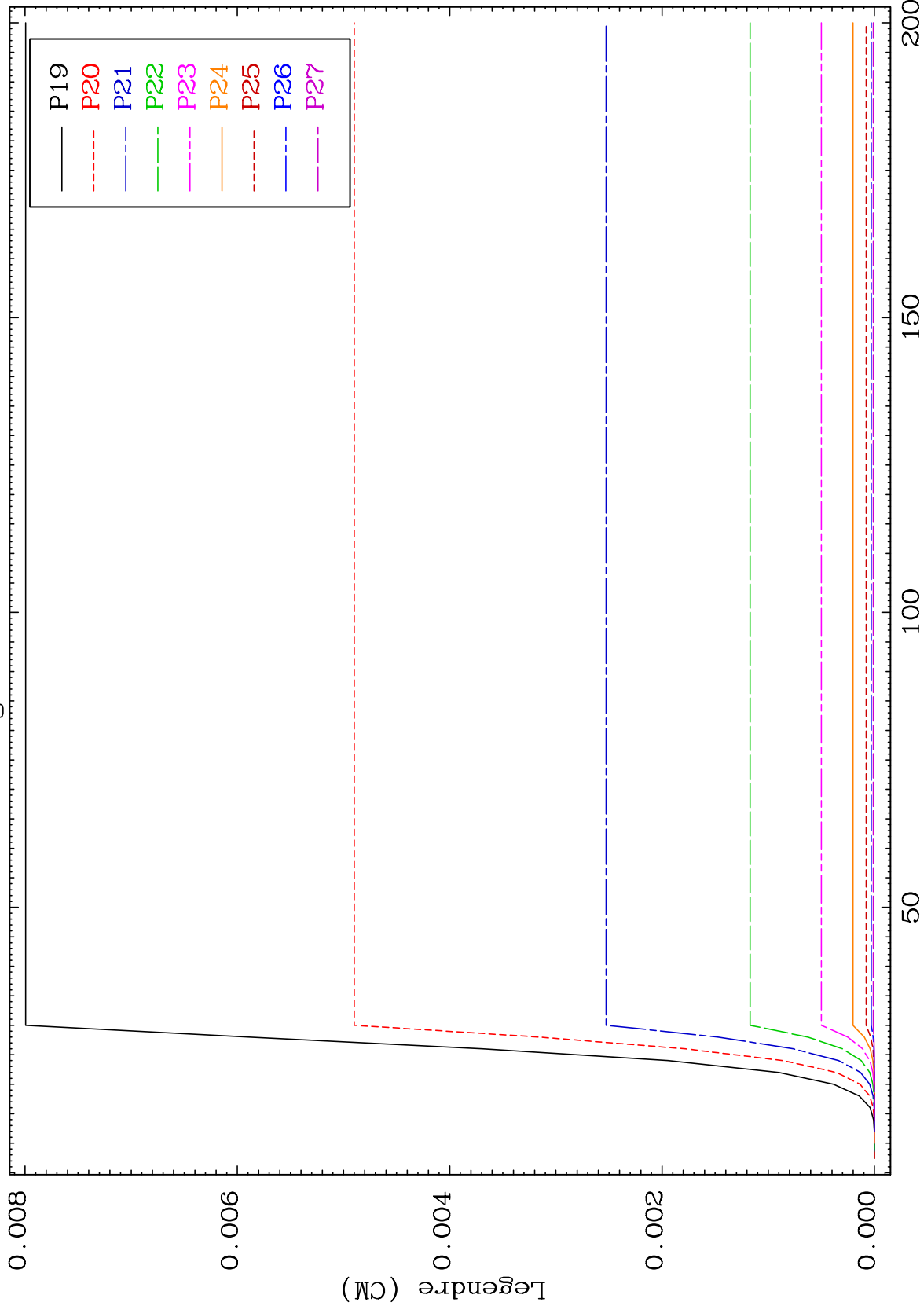
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



117

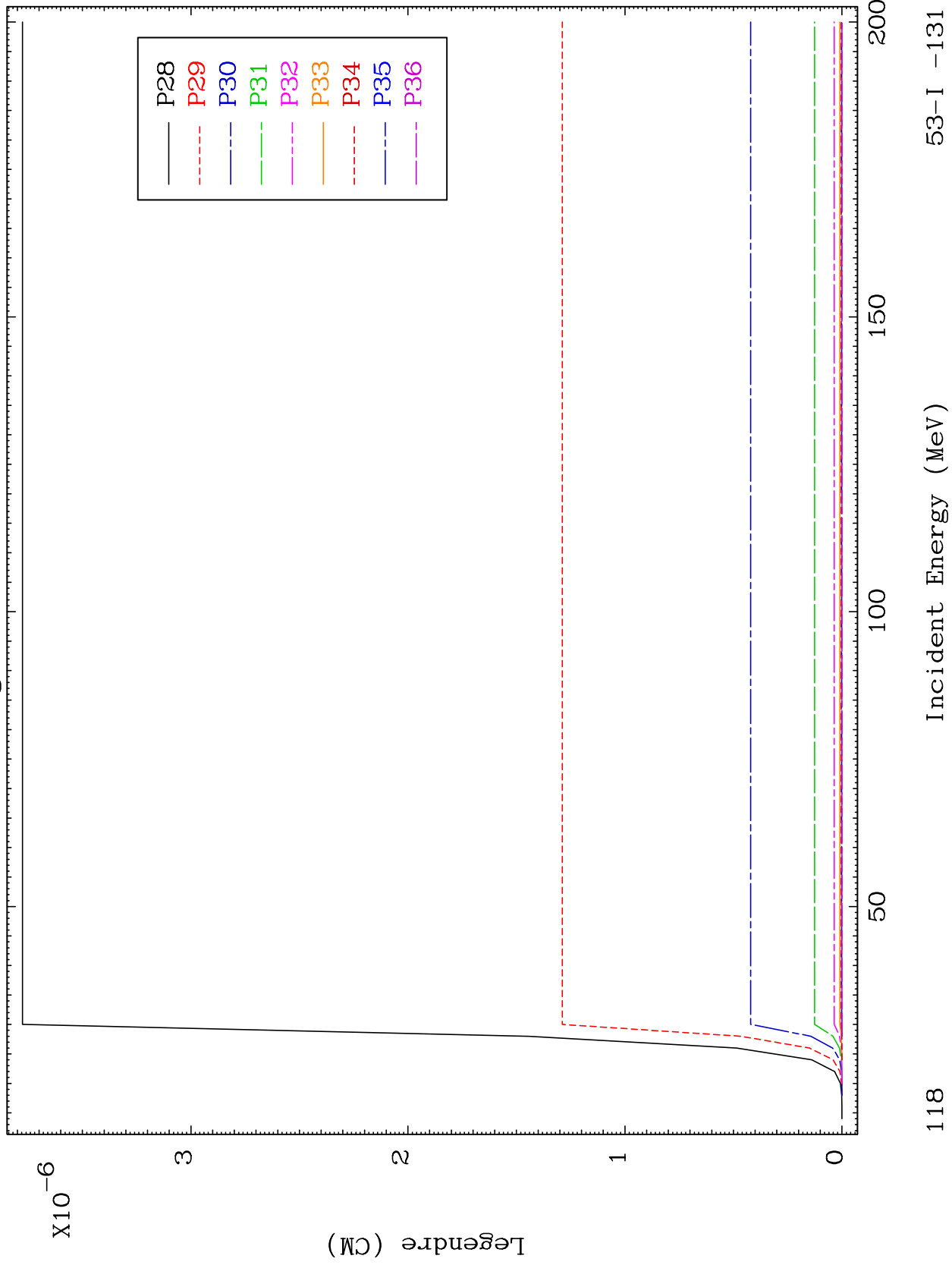
Incident Energy (MeV)

53-I -131

MAT 5337

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

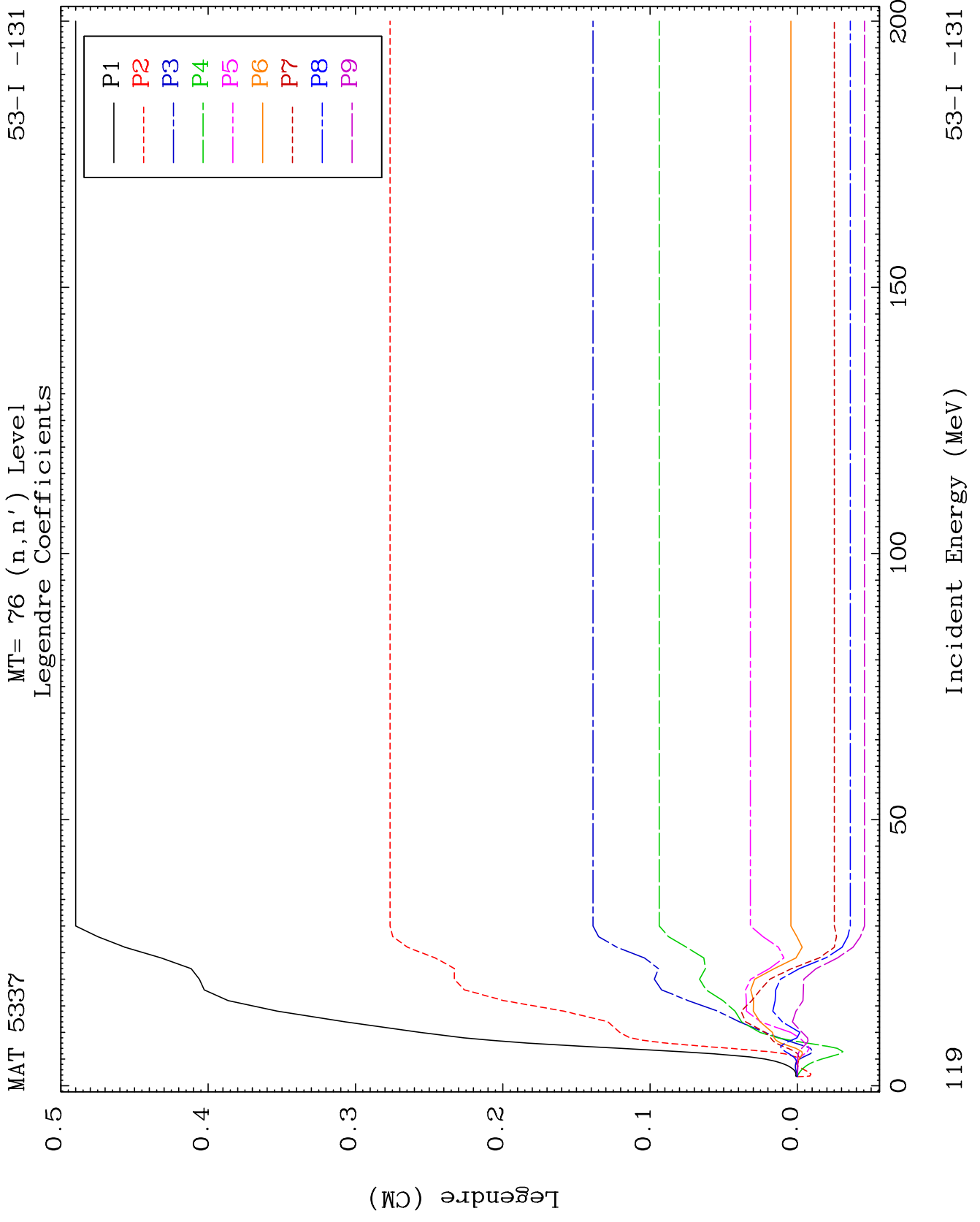
53-I -131



118

Incident Energy (MeV)

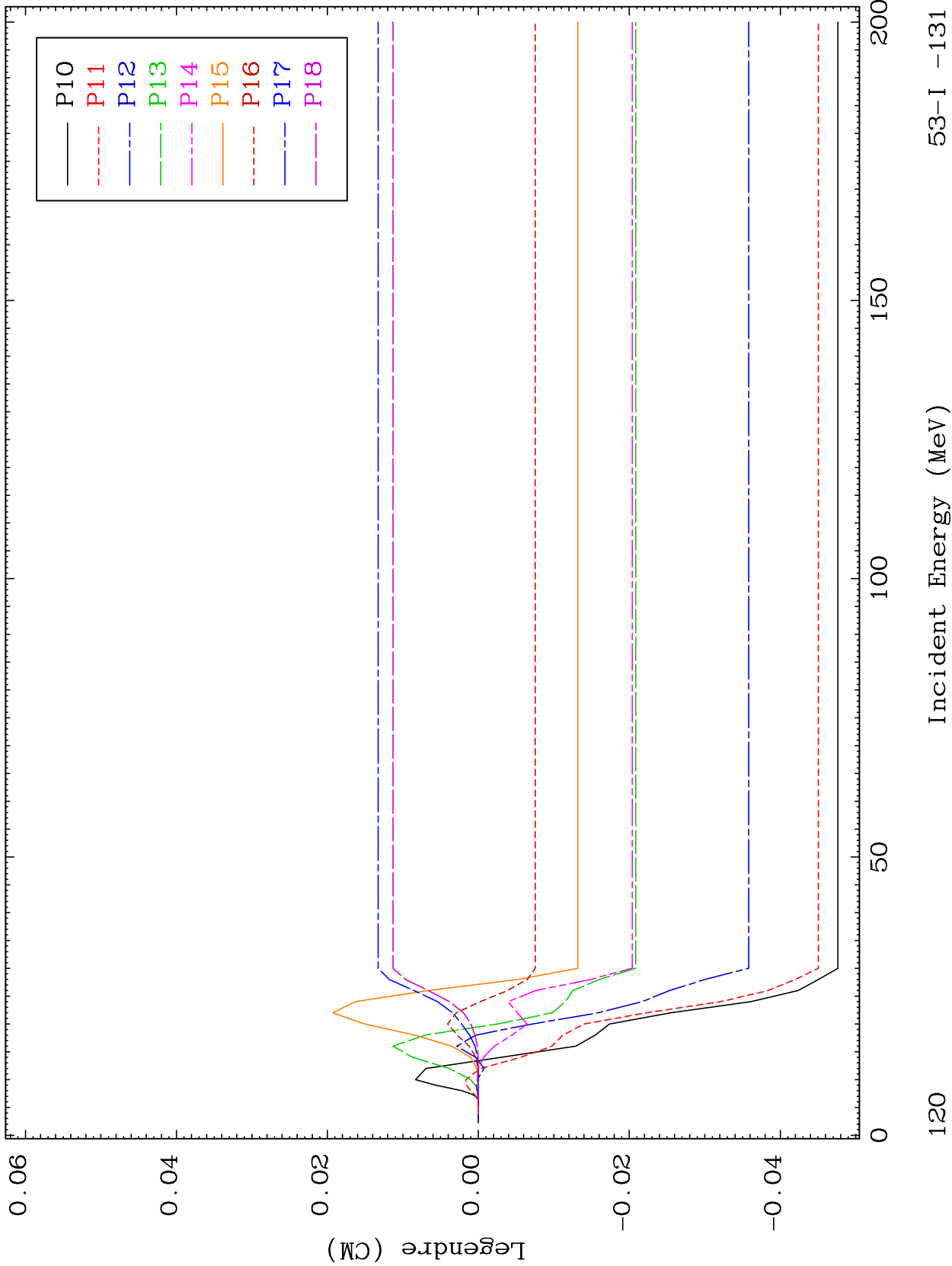
53-I -131



MAT 5337

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

53-I -131



53-I -131

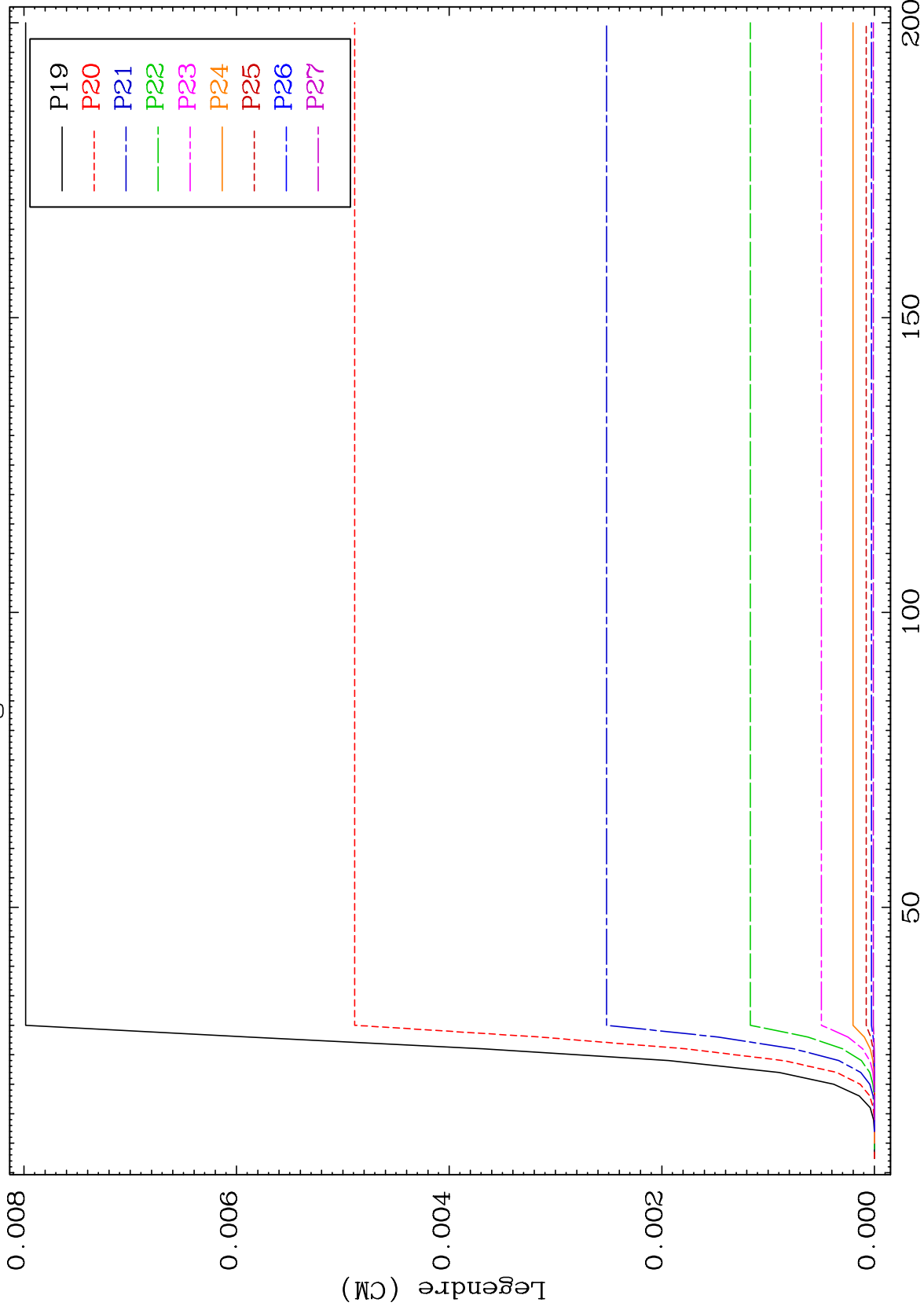
Incident Energy (MeV)

120

MAT 5337

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

53-I -131



121

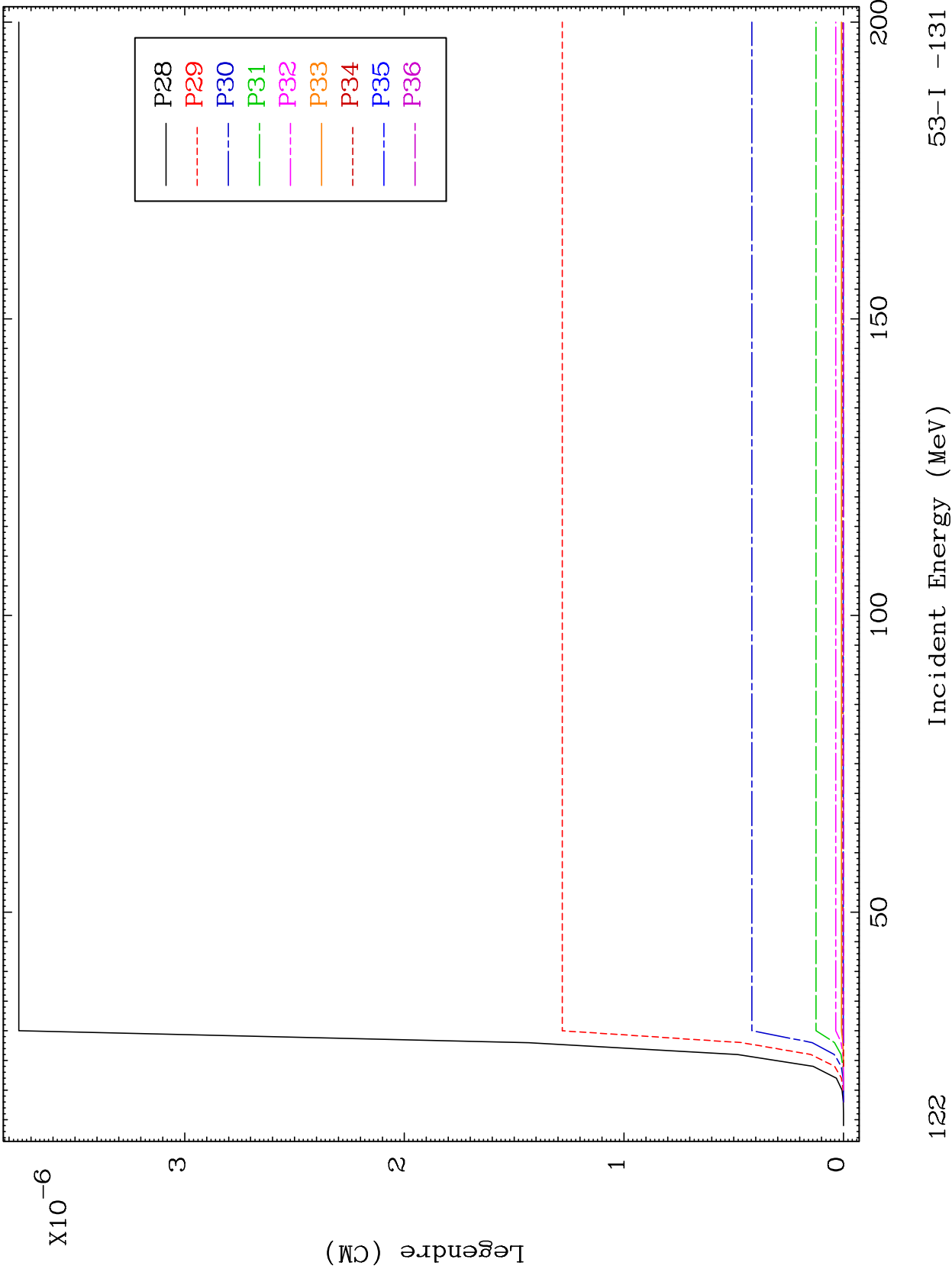
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



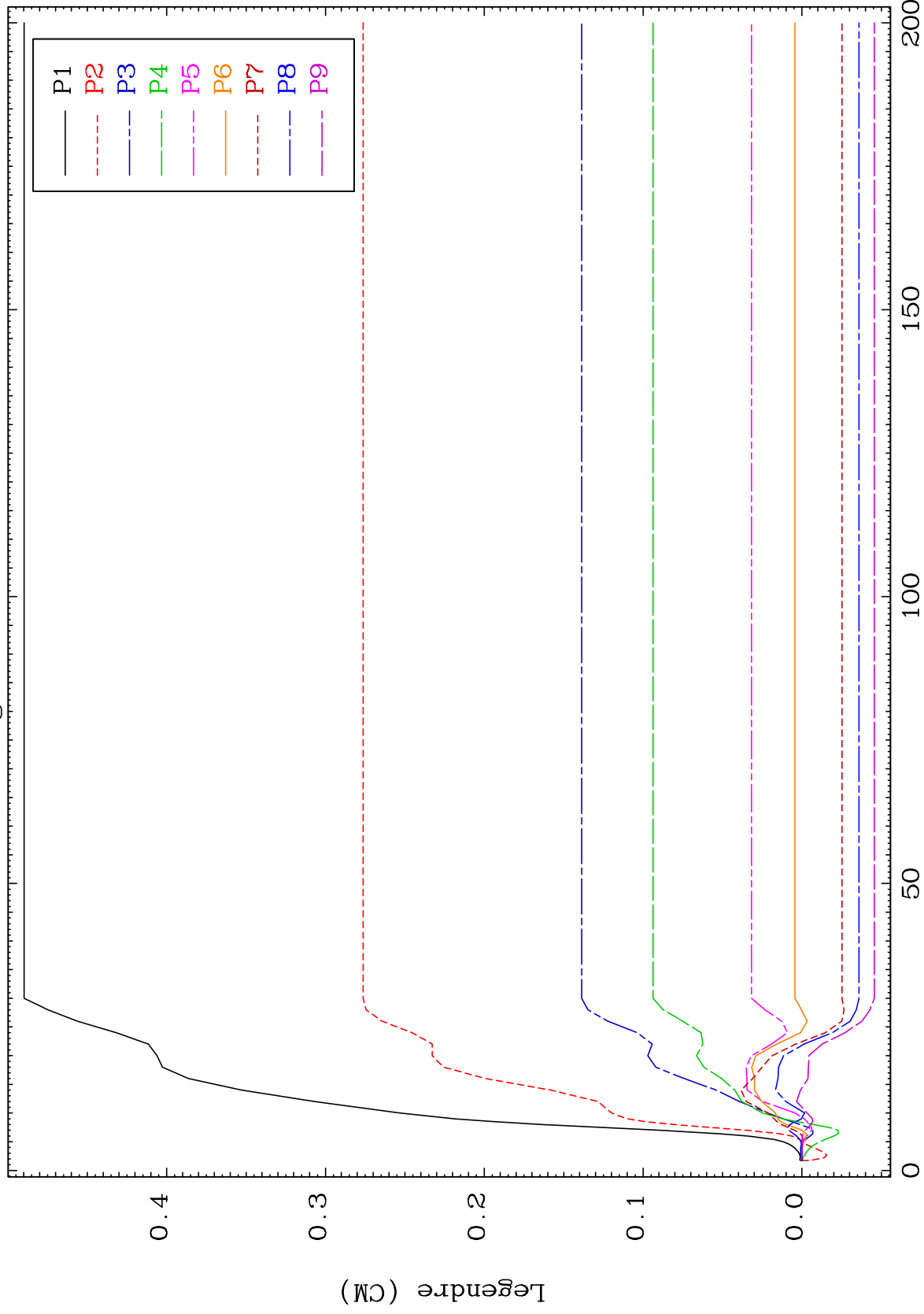
122

53-I -131

MAT 5337

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

53-I -131



123

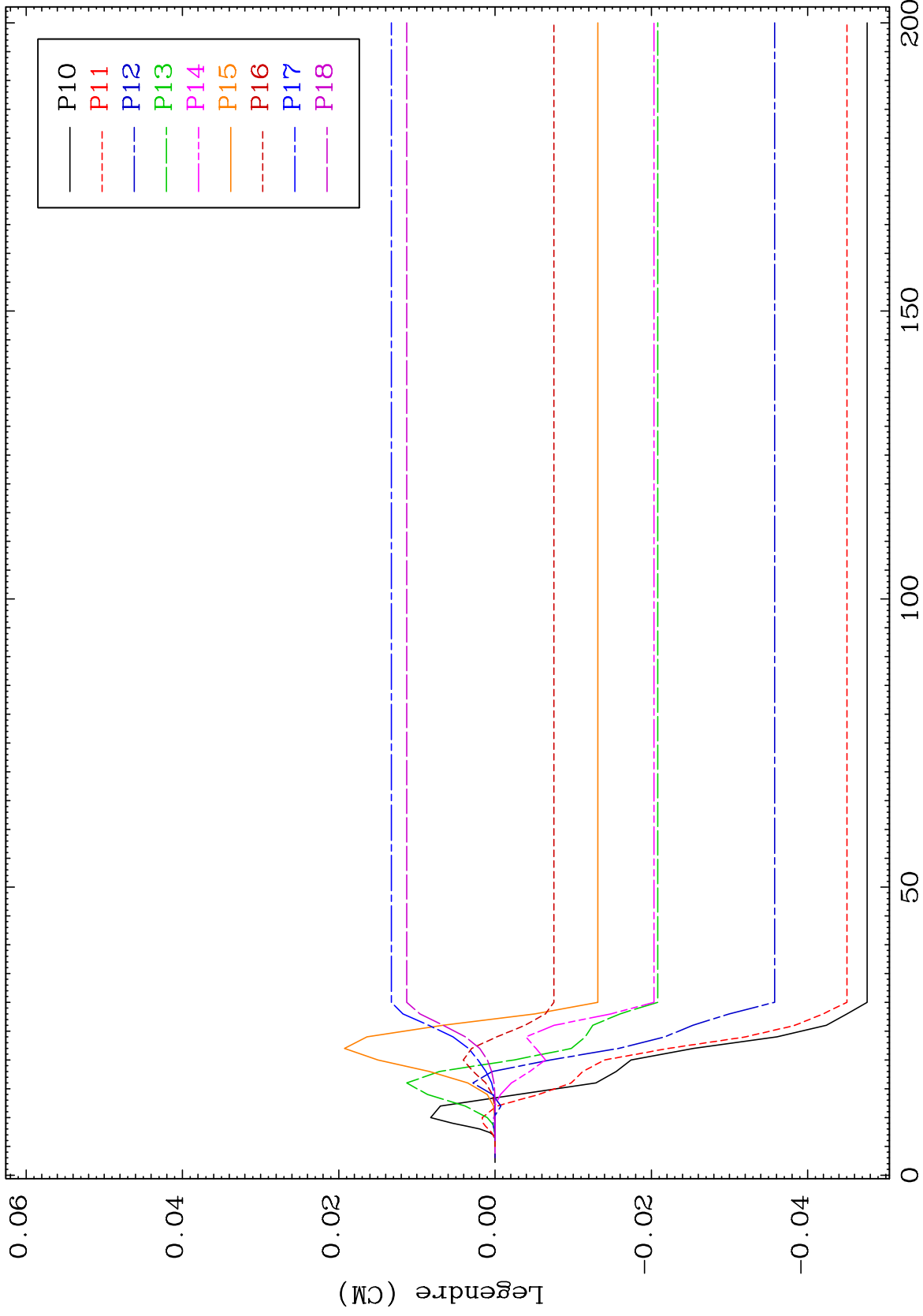
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



124

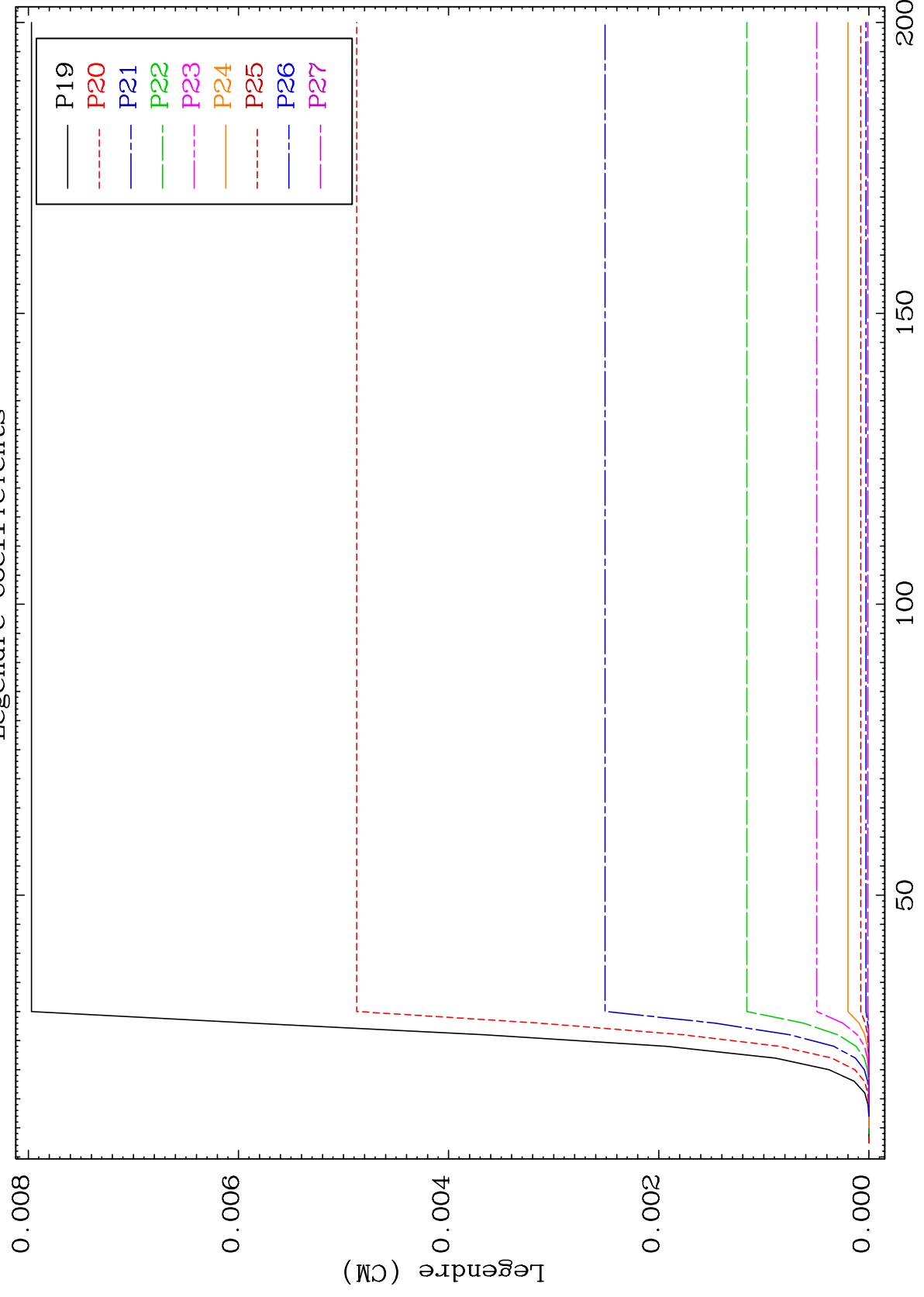
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



125

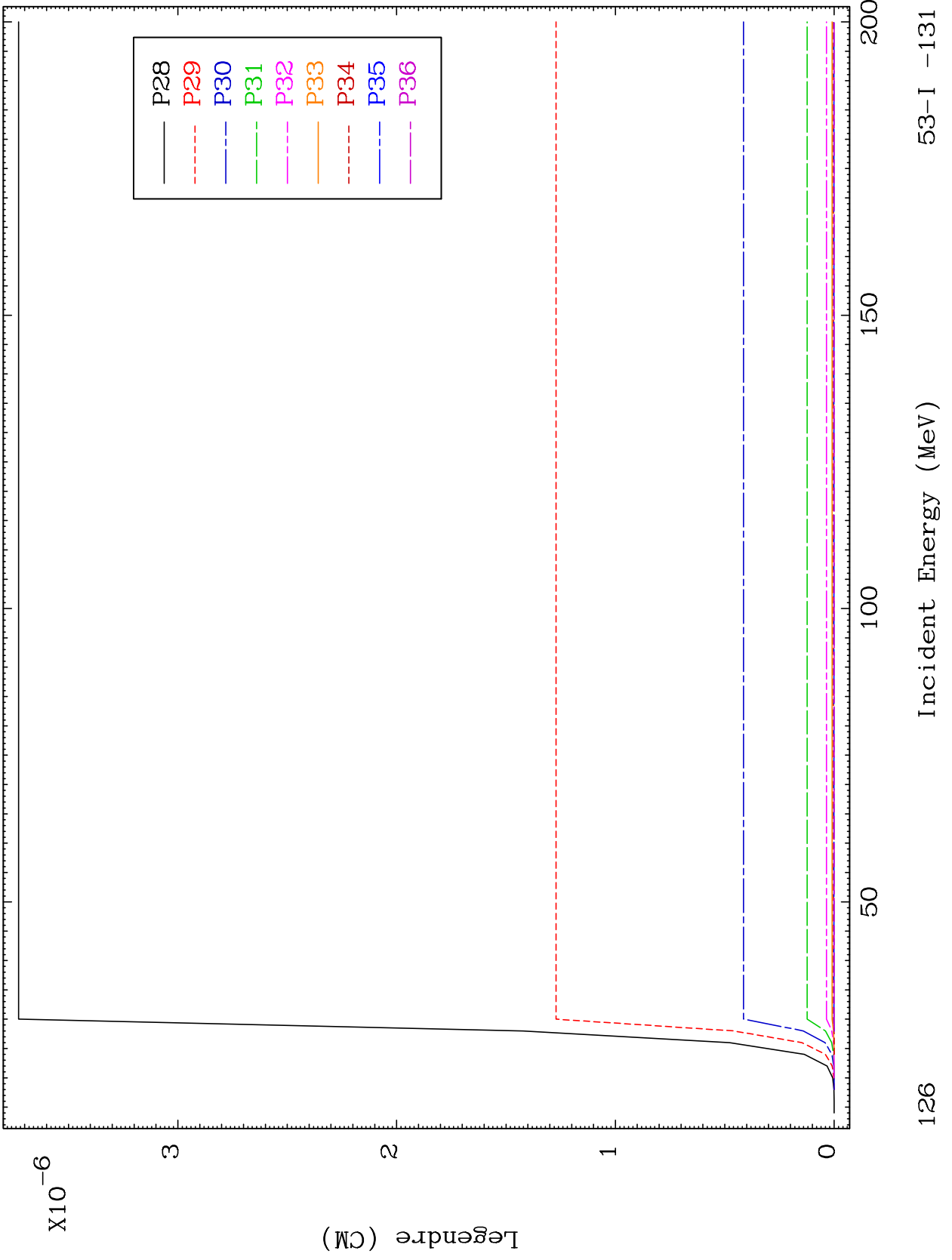
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131

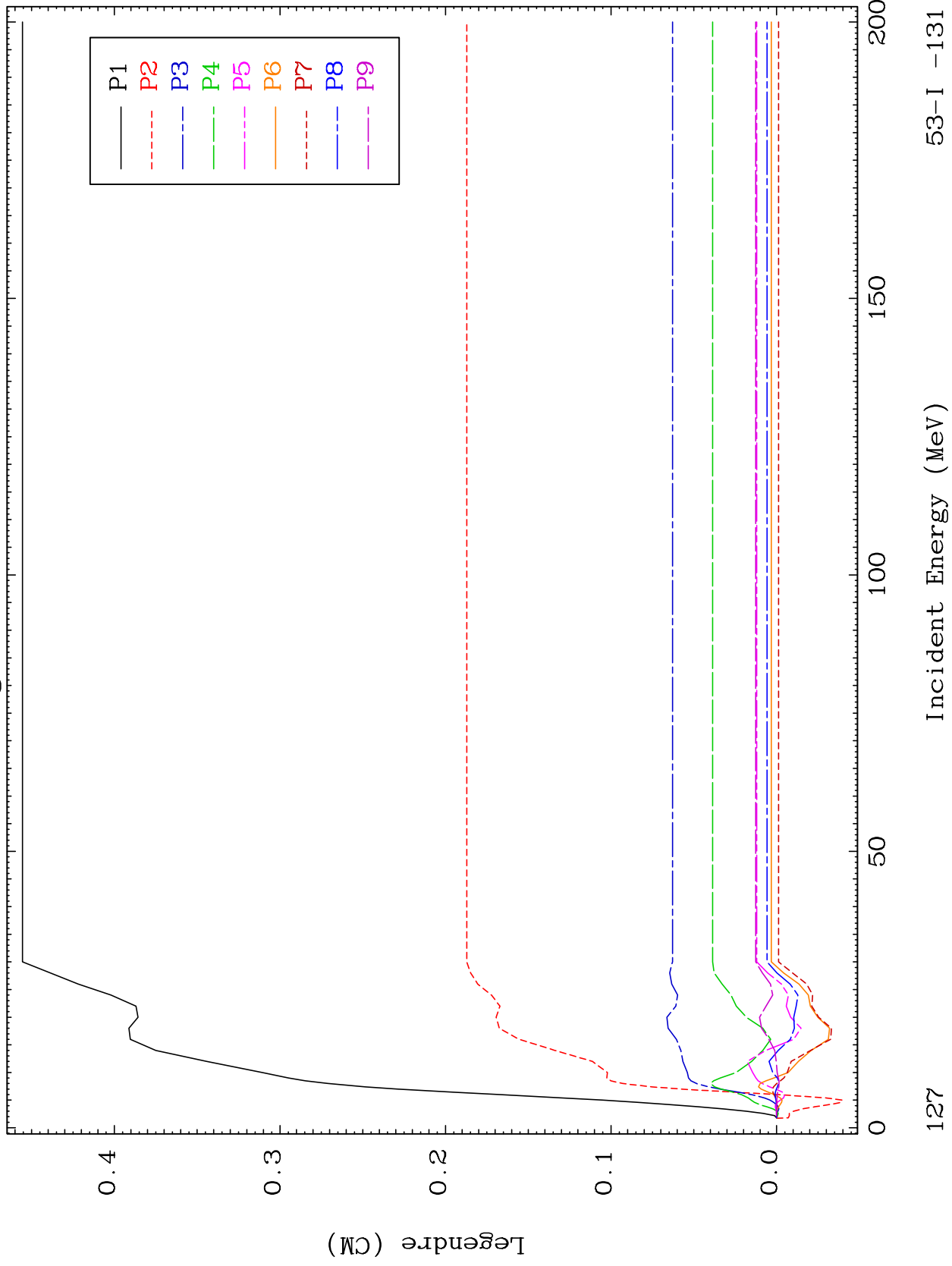


126

MAT 5337

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

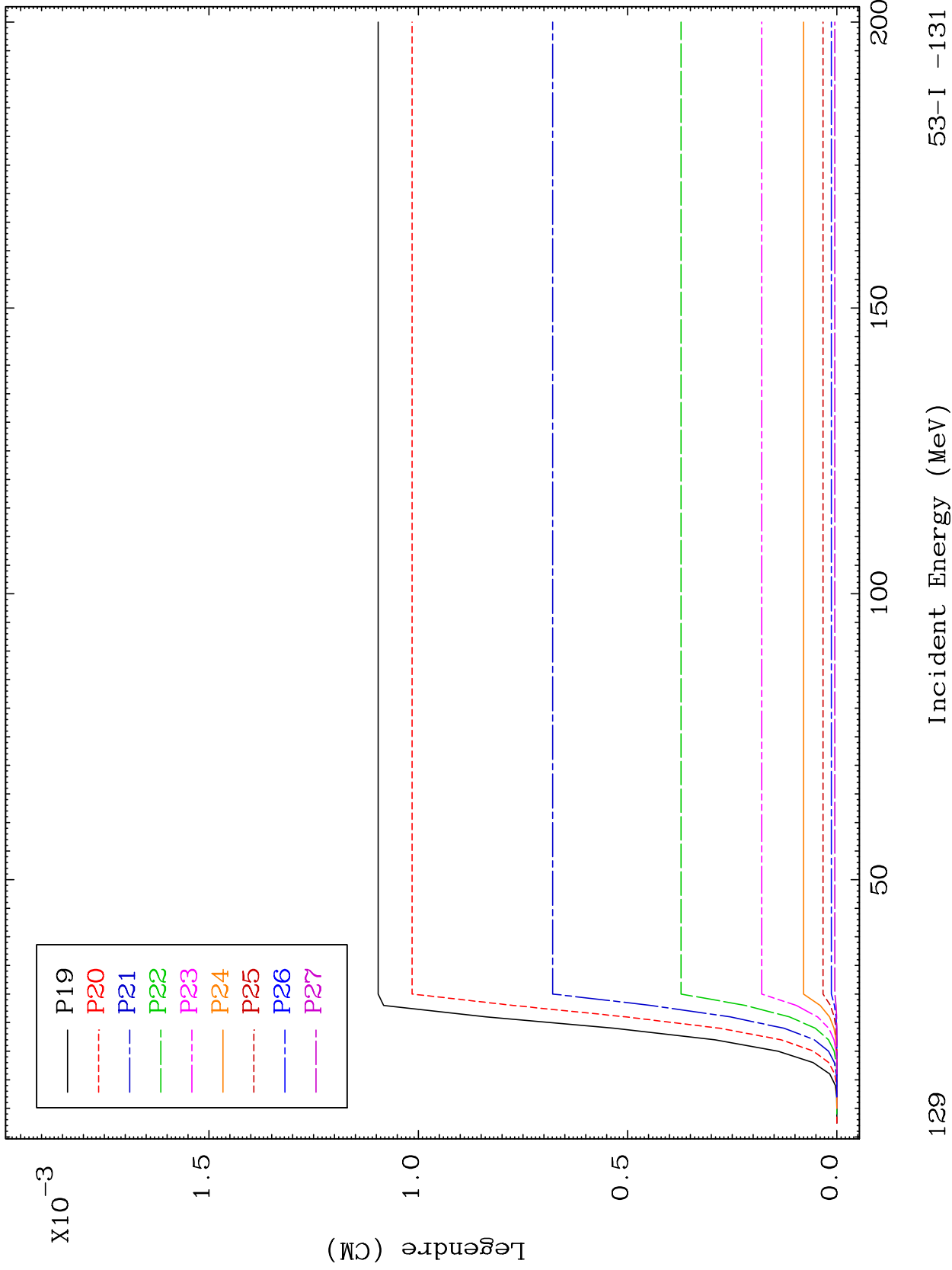
53-I -131



53-I -131

Incident Energy (MeV)

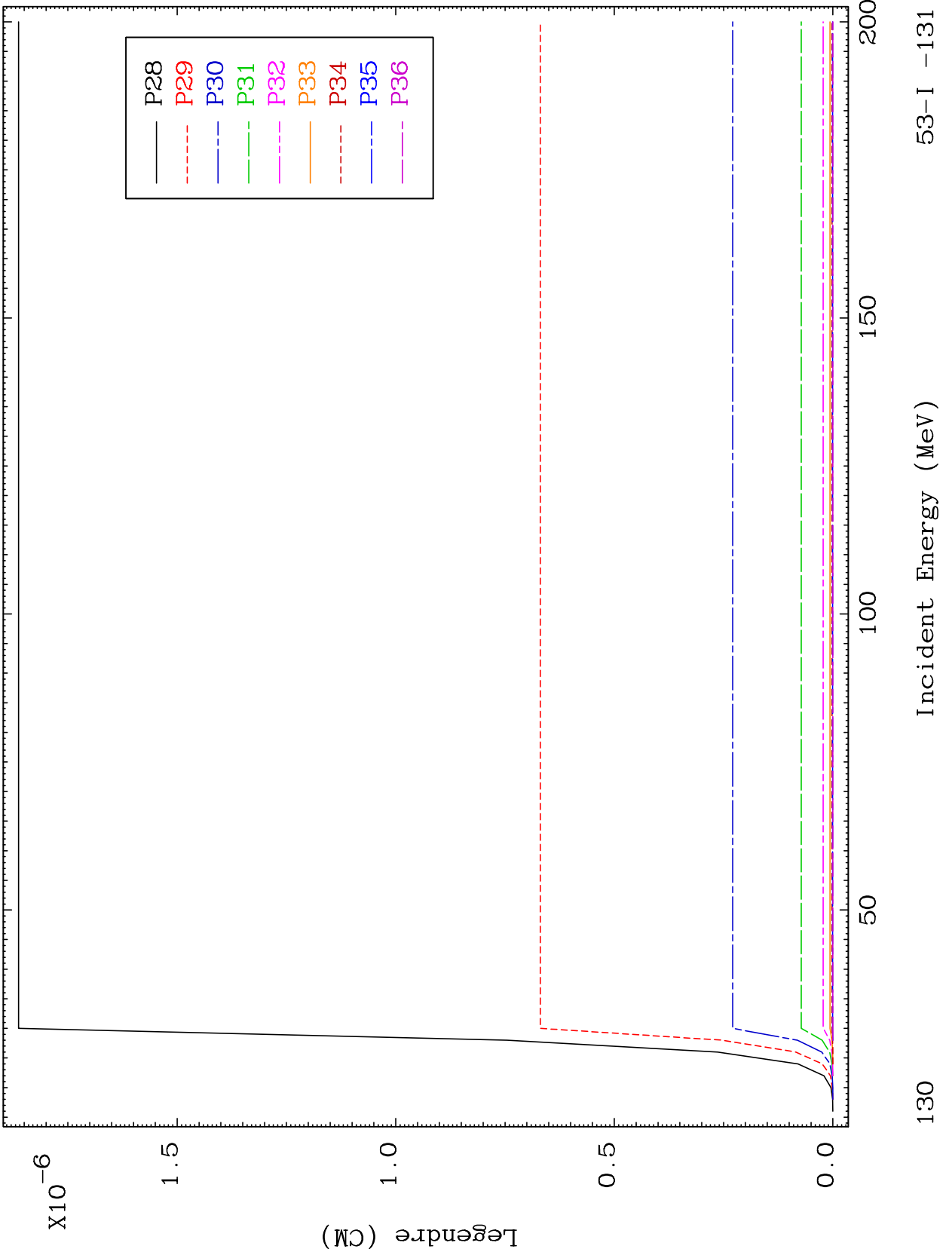
127



MAT 5337

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

53-I -131



130

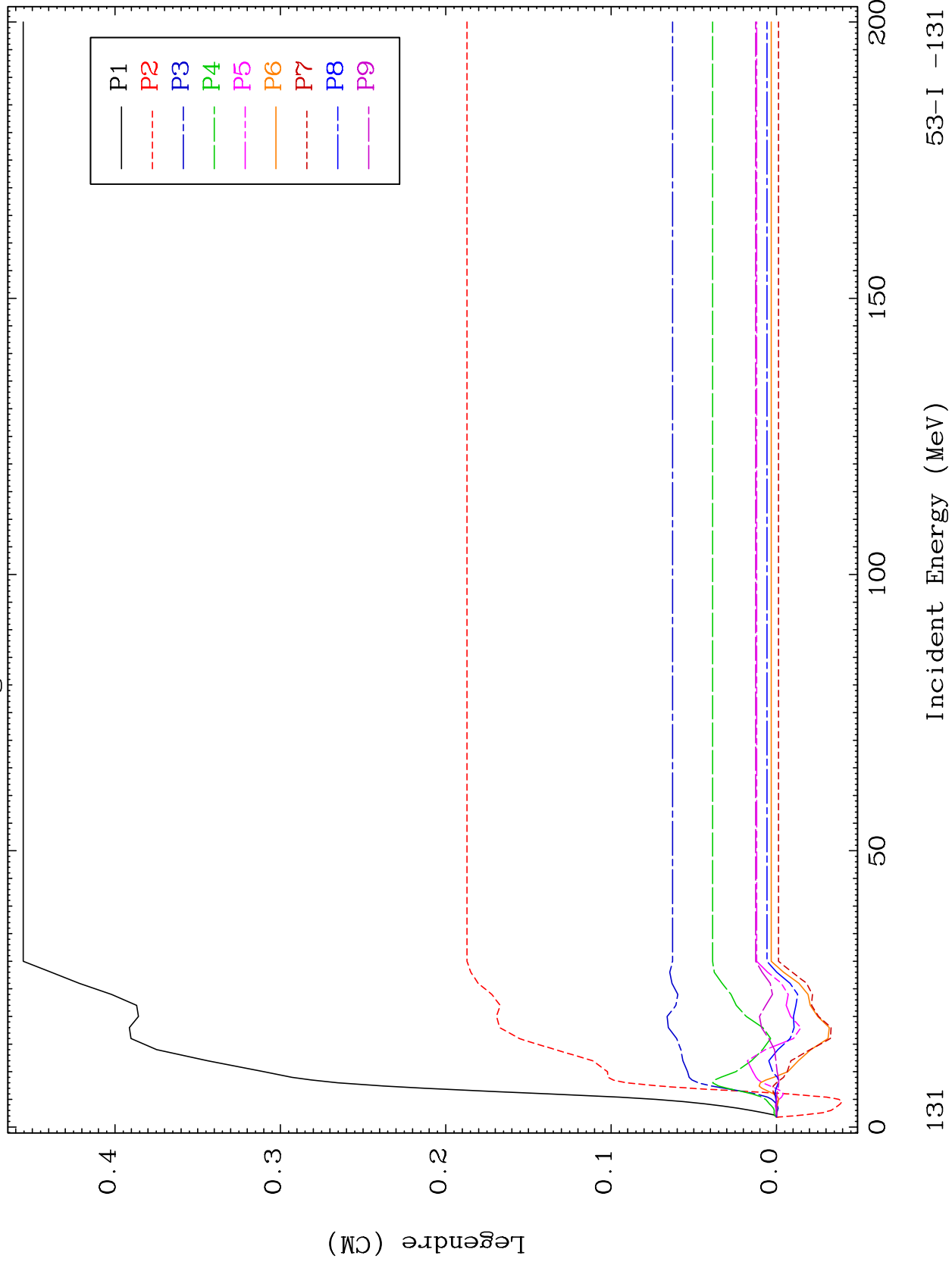
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



53-I -131

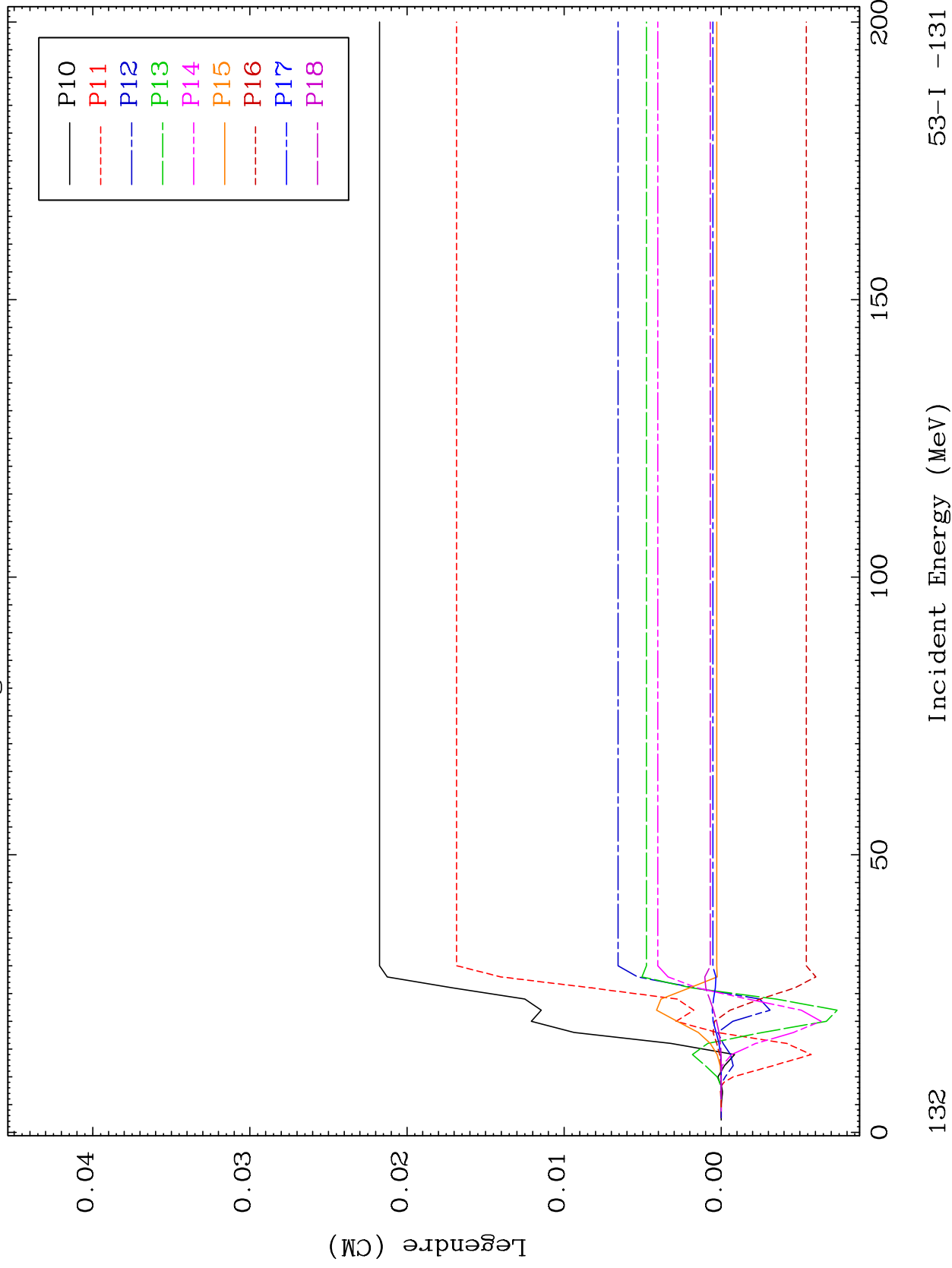
Incident Energy (MeV)

131

MAT 5337

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

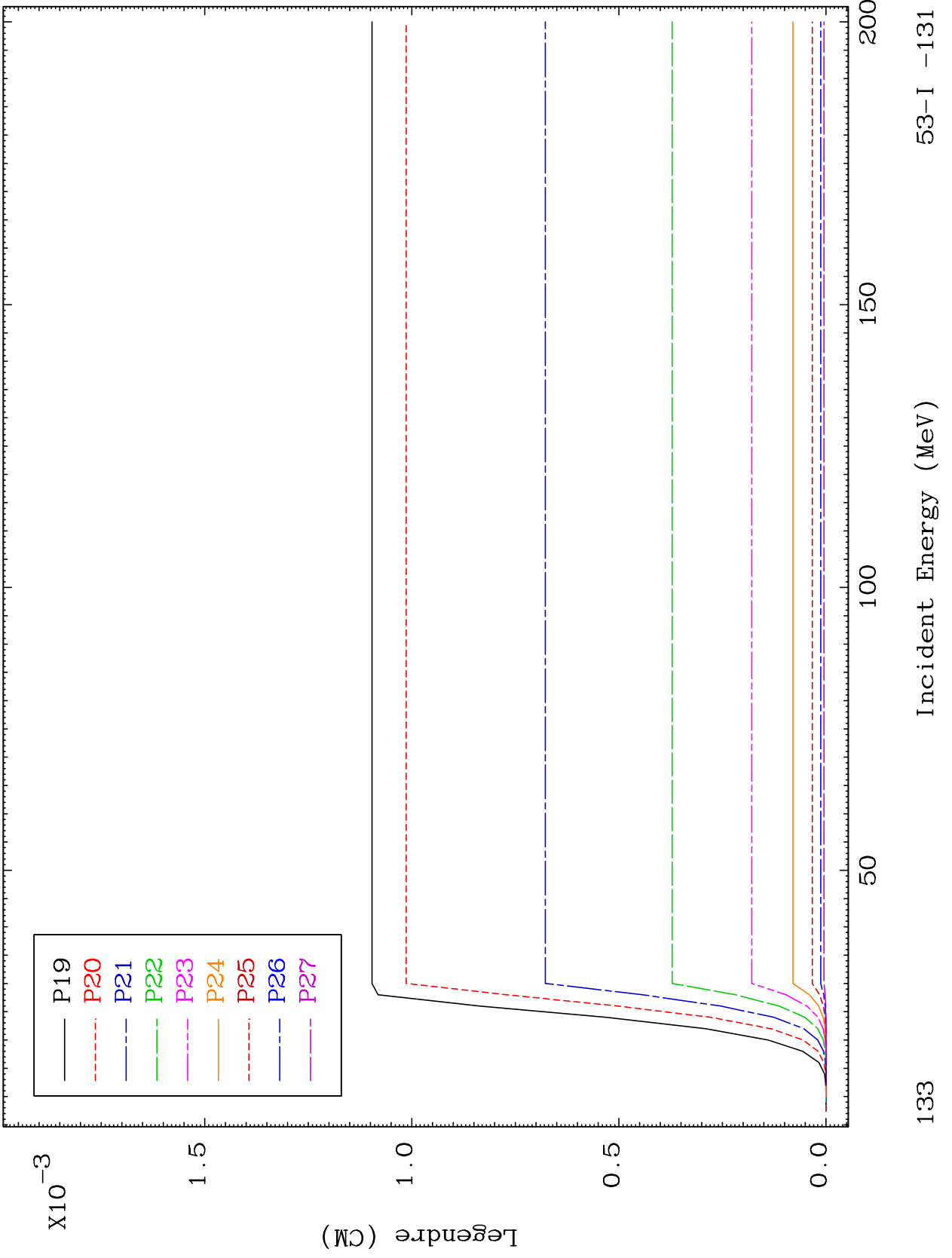
53-I -131



53-I -131

Incident Energy (MeV)

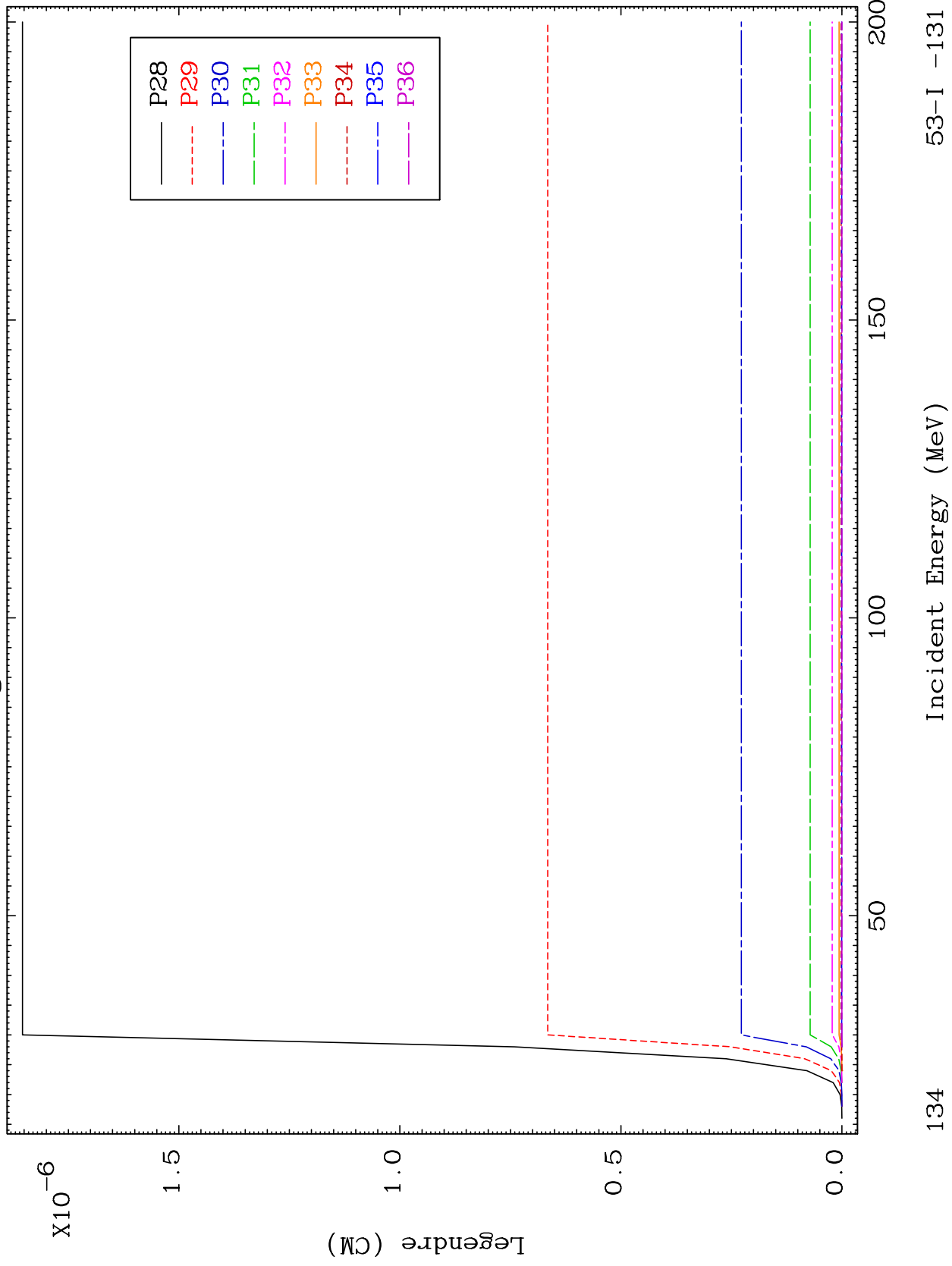
132



MAT 5337

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

53-I -131



134

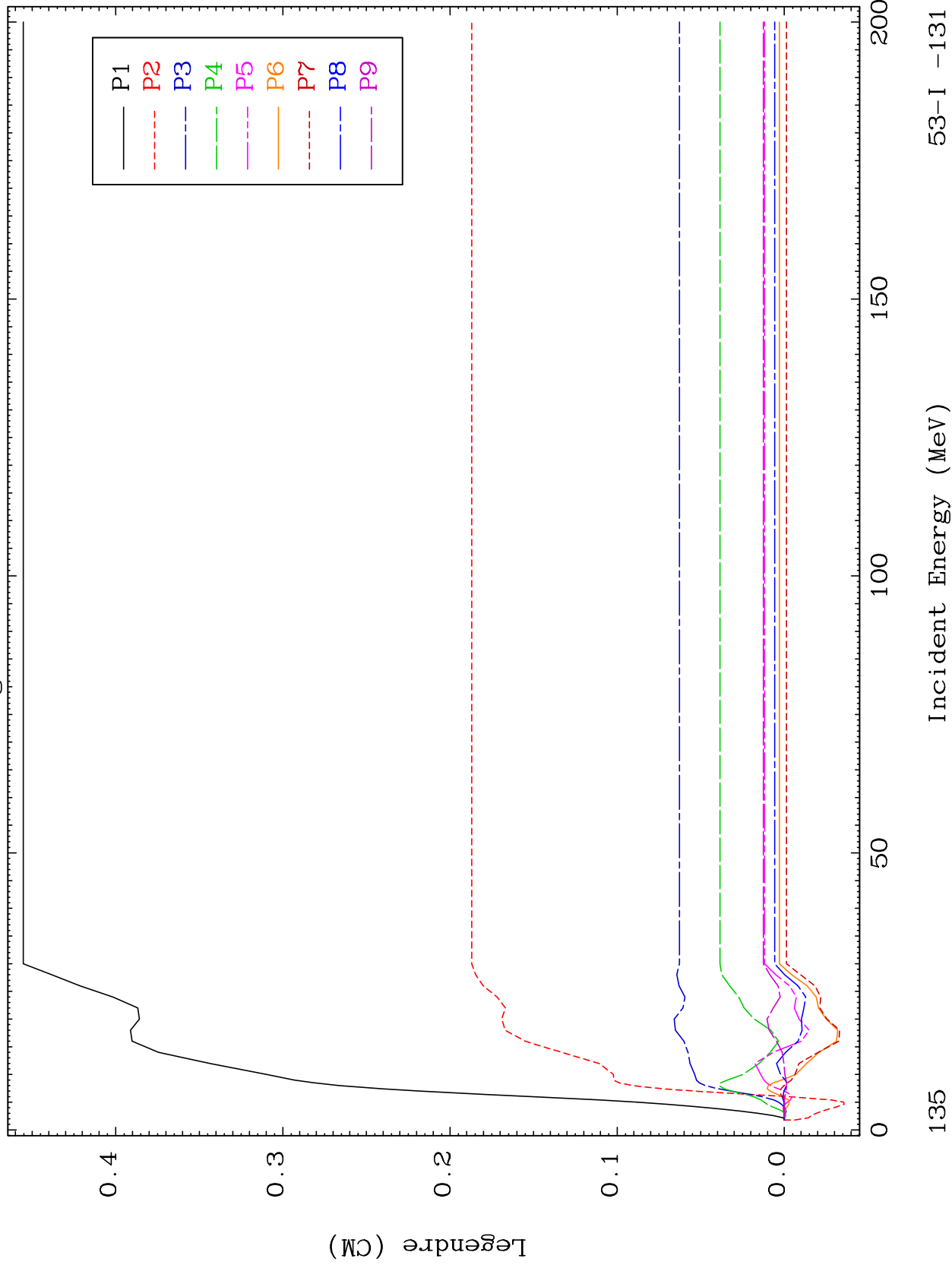
Incident Energy (MeV)

53-I -131

MAT 5337

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

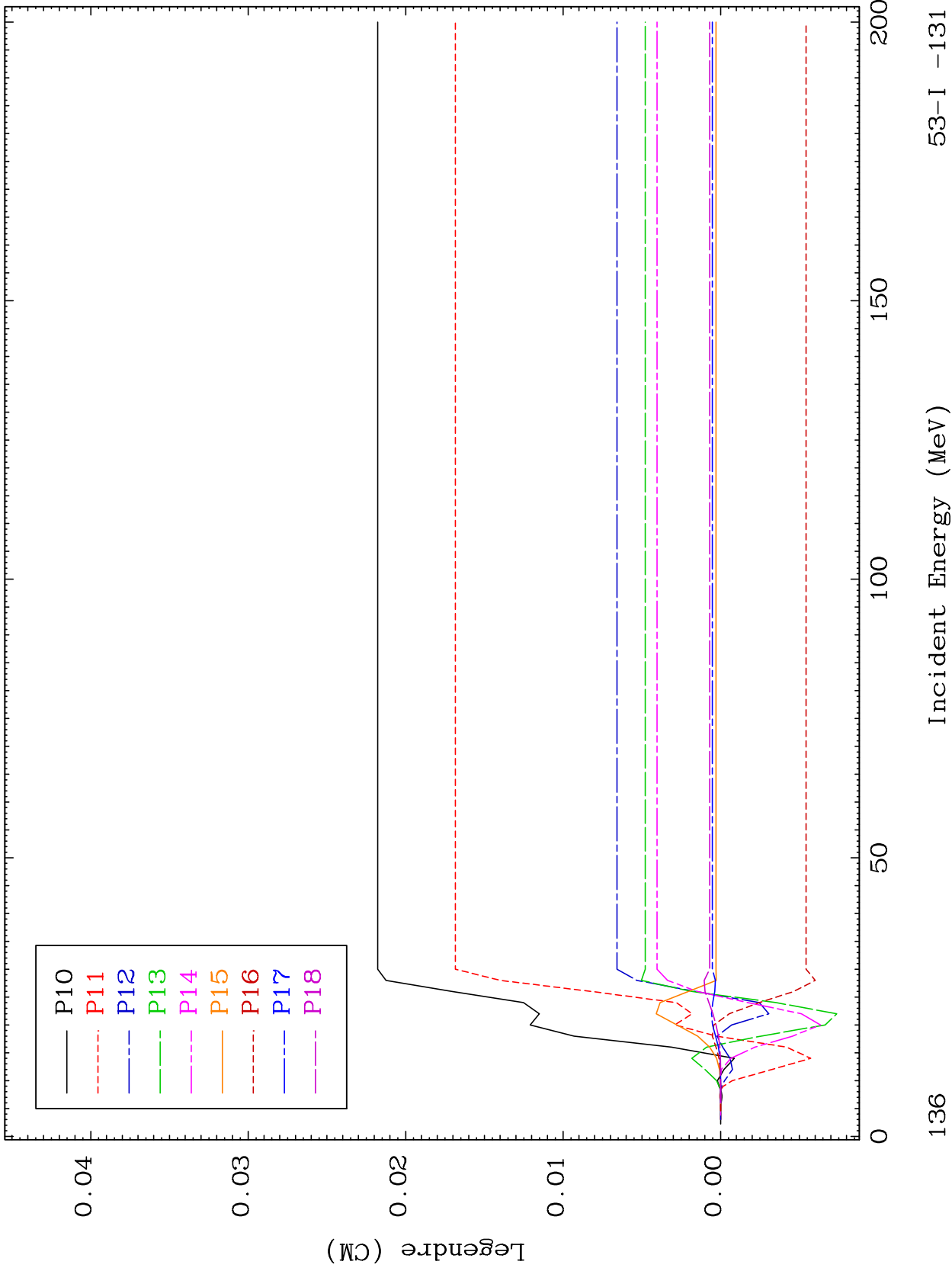
53-I -131

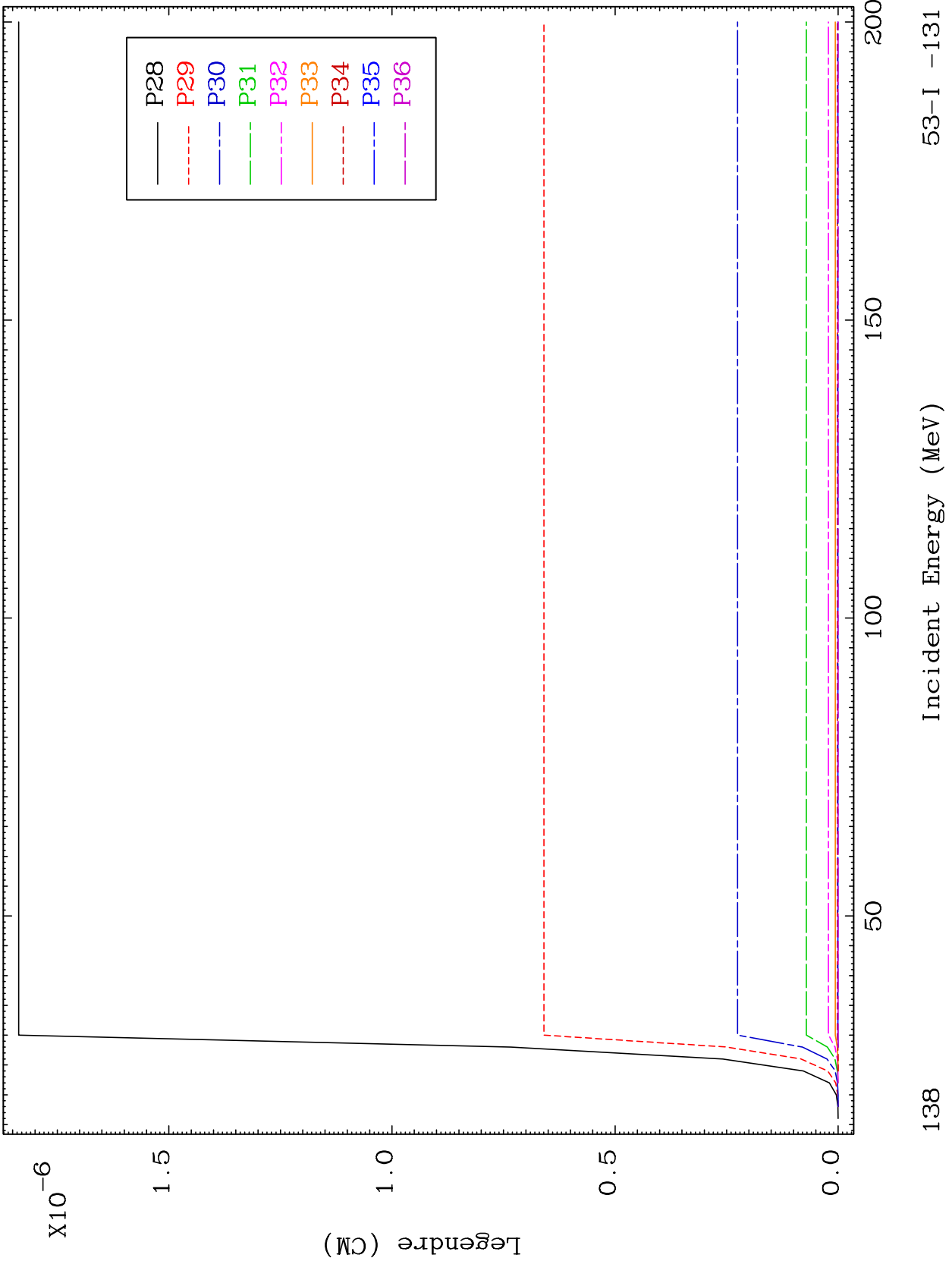


53-I -131

Incident Energy (MeV)

135

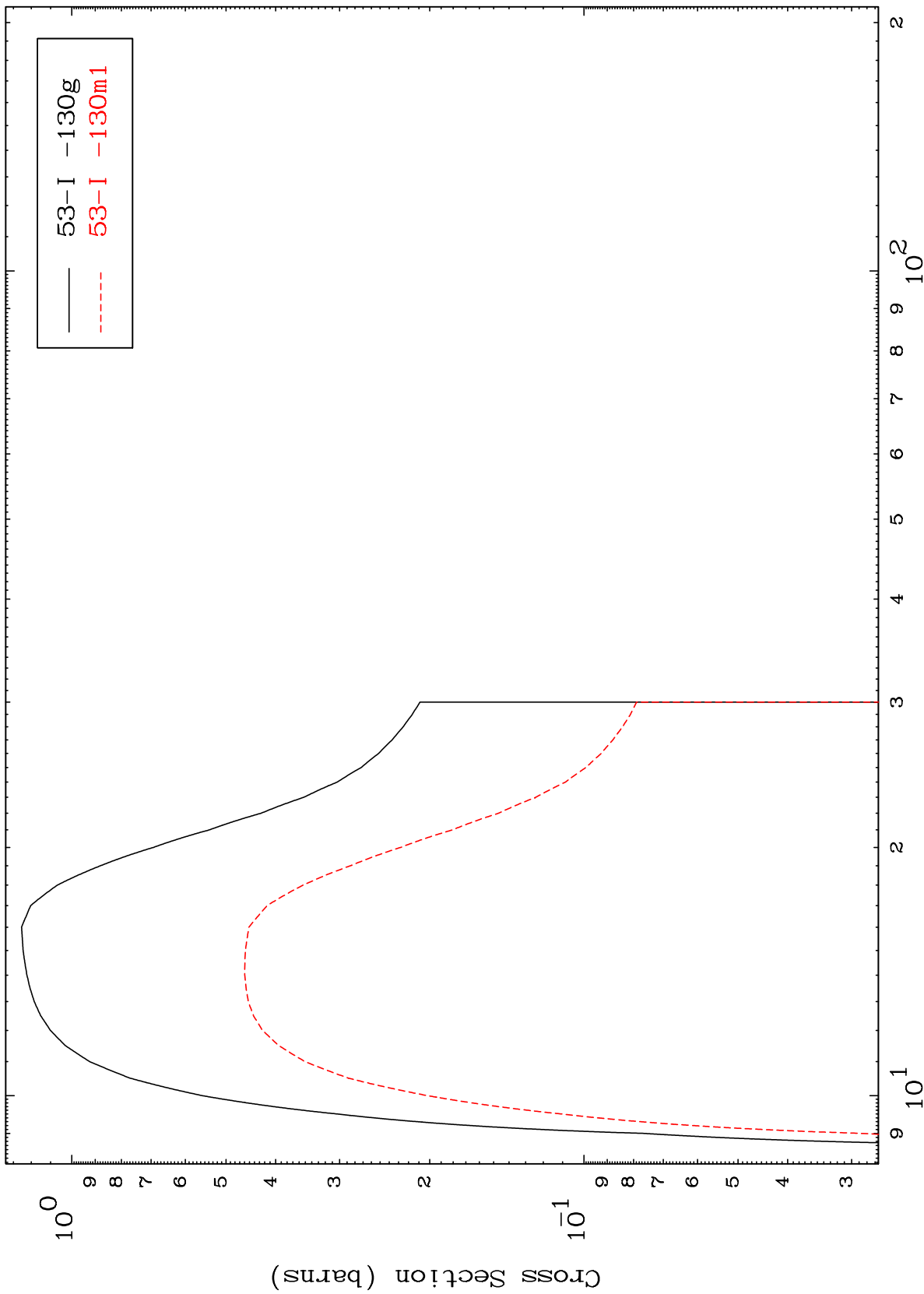




MAT 5337

53-I -131

(n,2n)
Radionuclide Production Cross Section



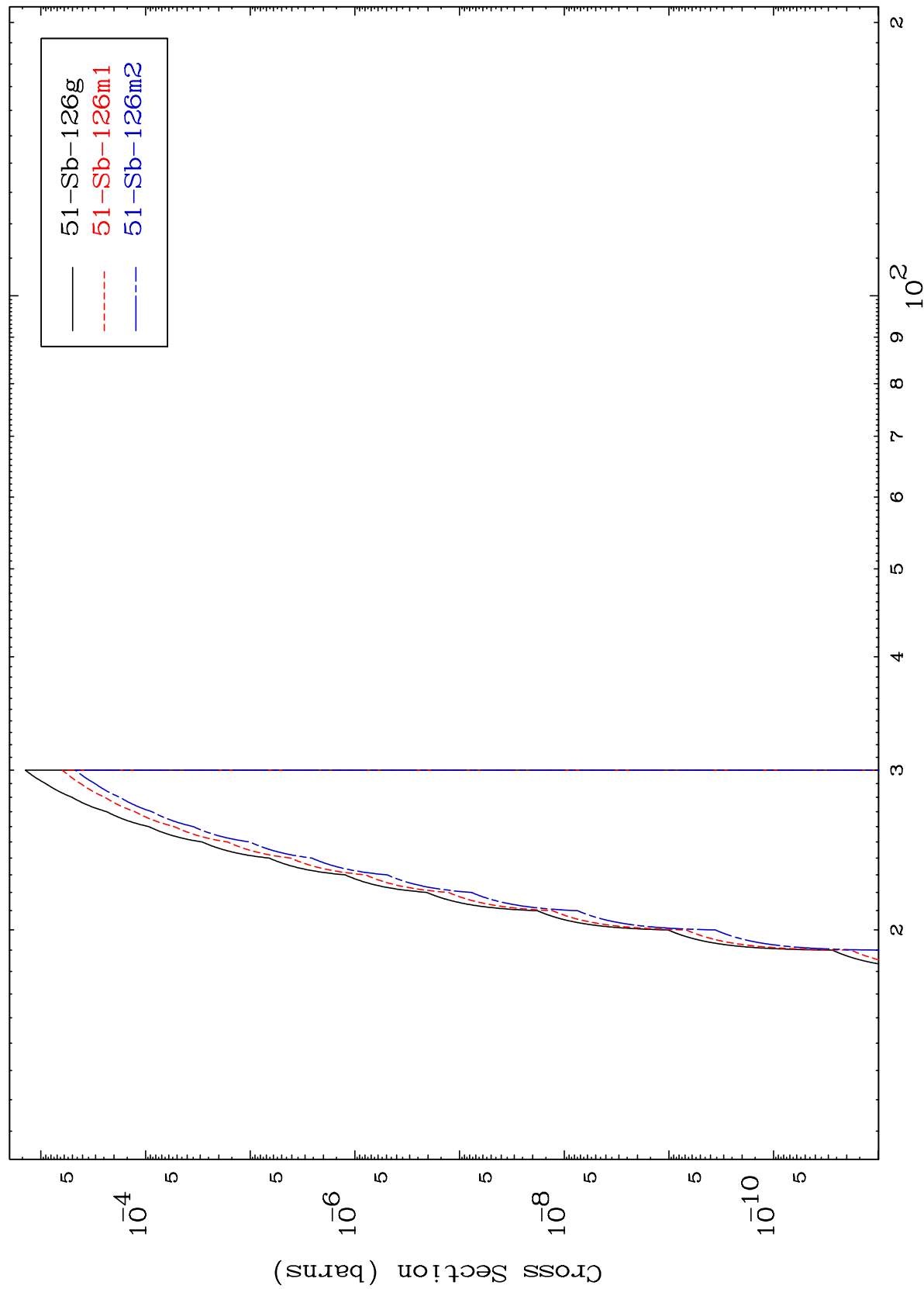
53-I -130g
53-I -130m1

139

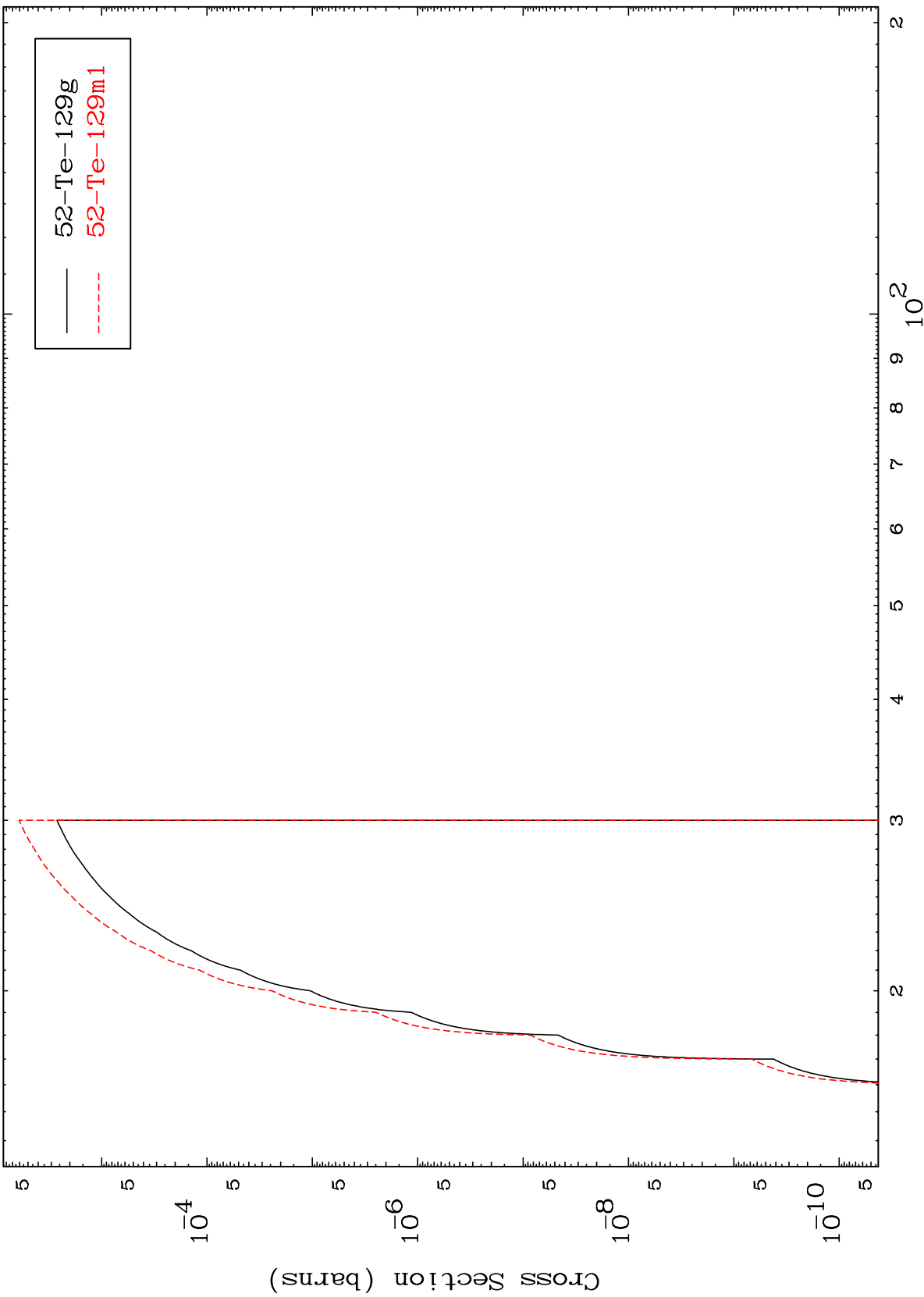
Incident Energy (MeV)

53-I -131

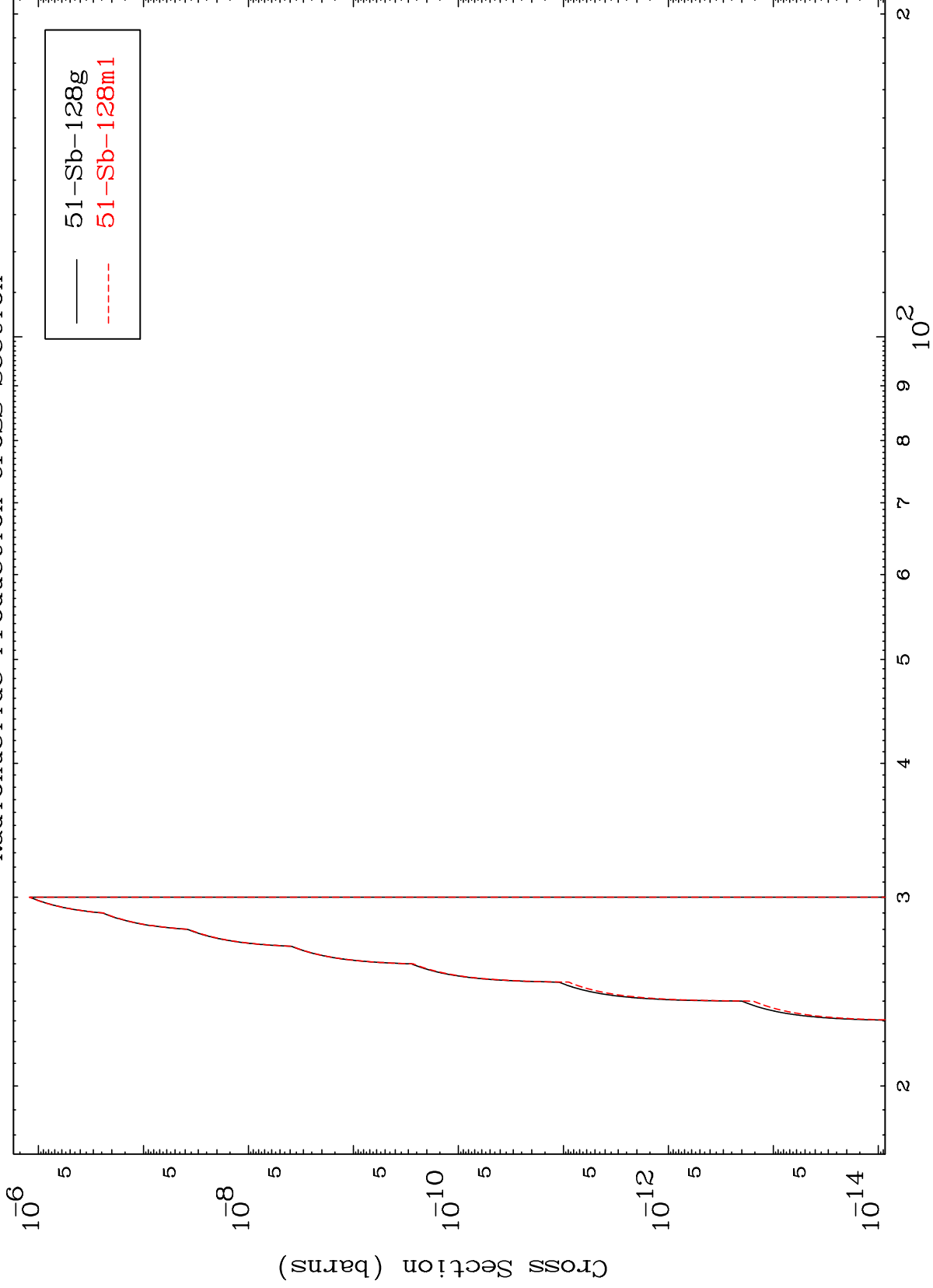
Radionuclide Production Cross Section



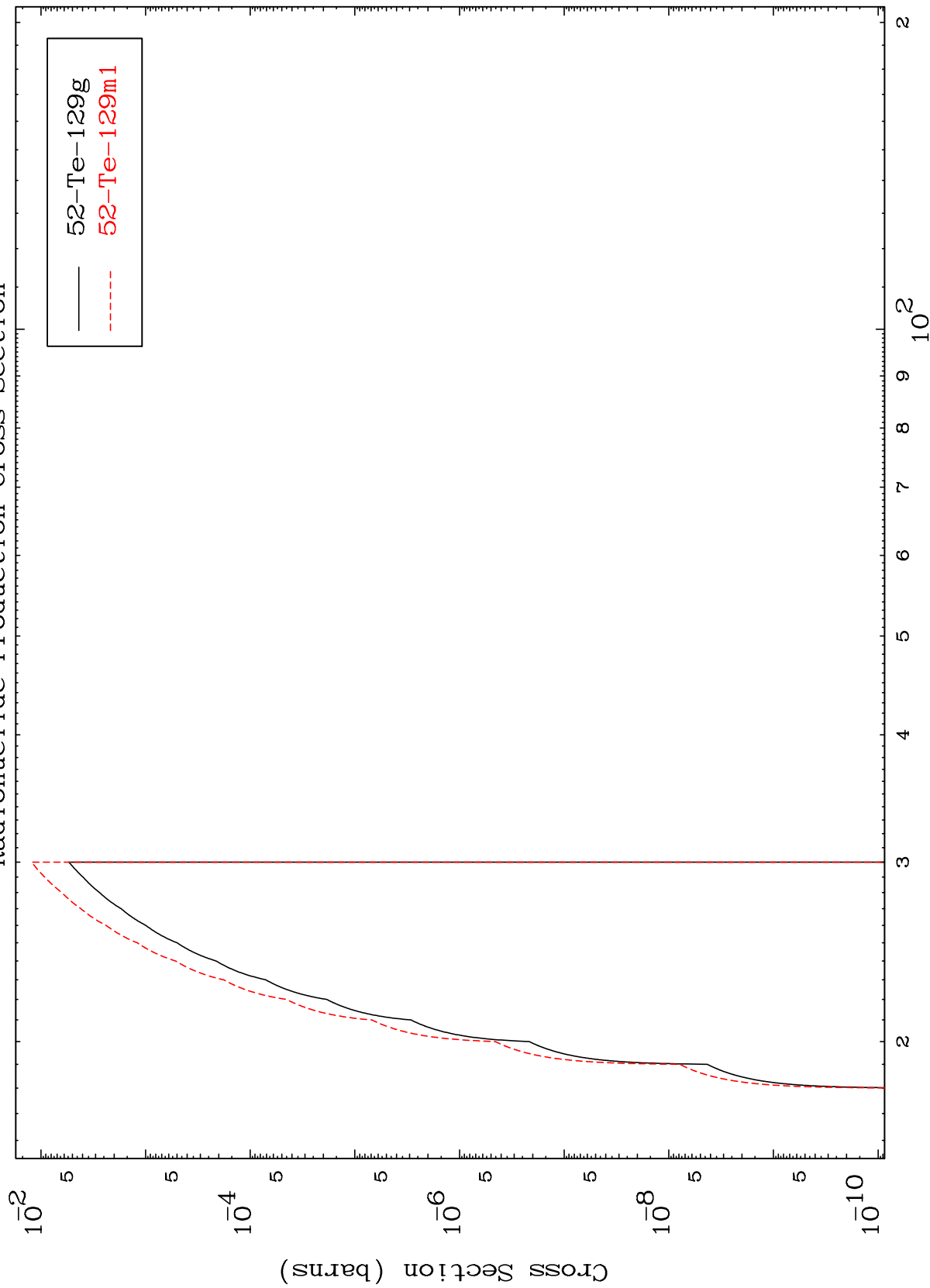
Radionuclide Production Cross Section



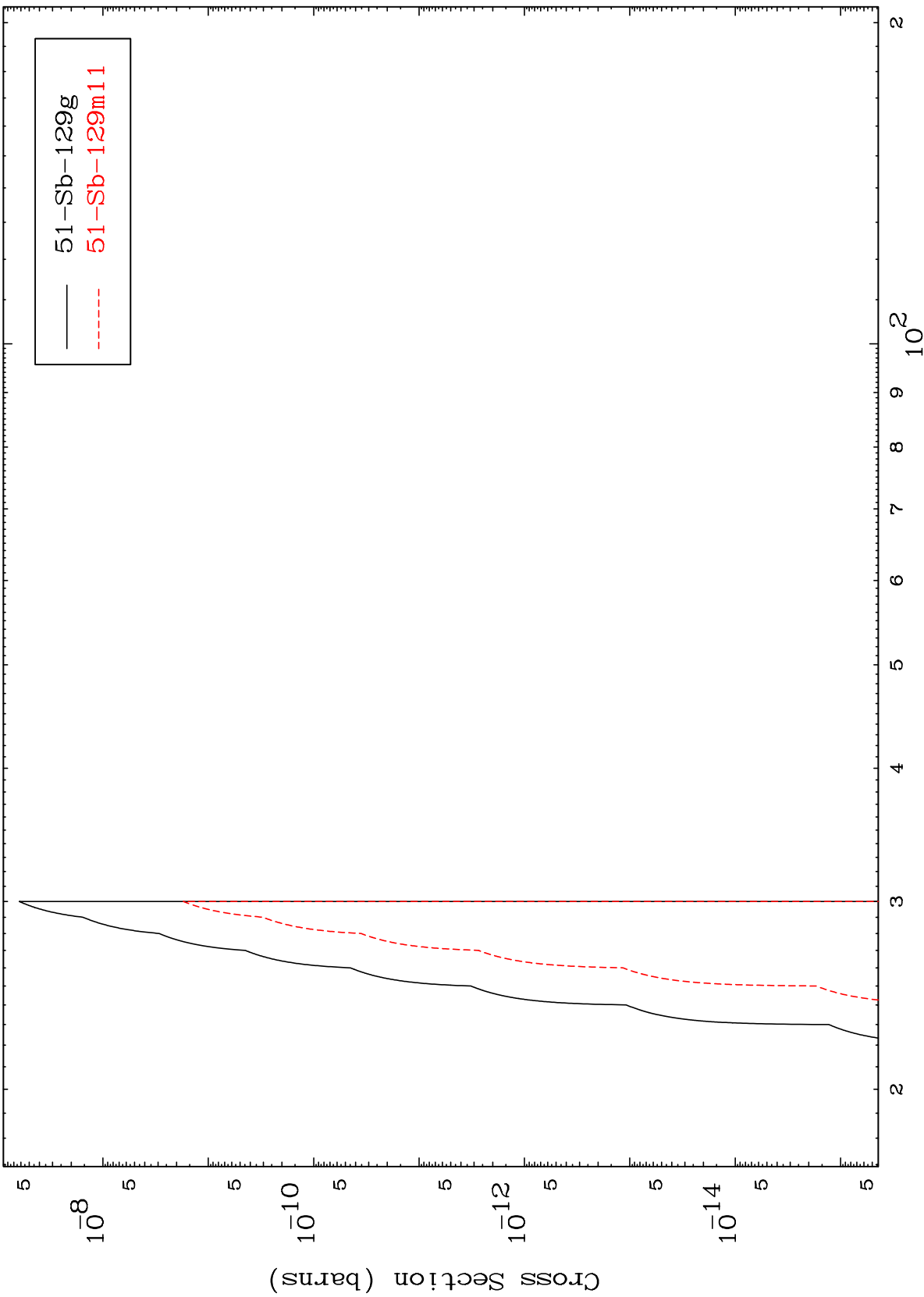
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

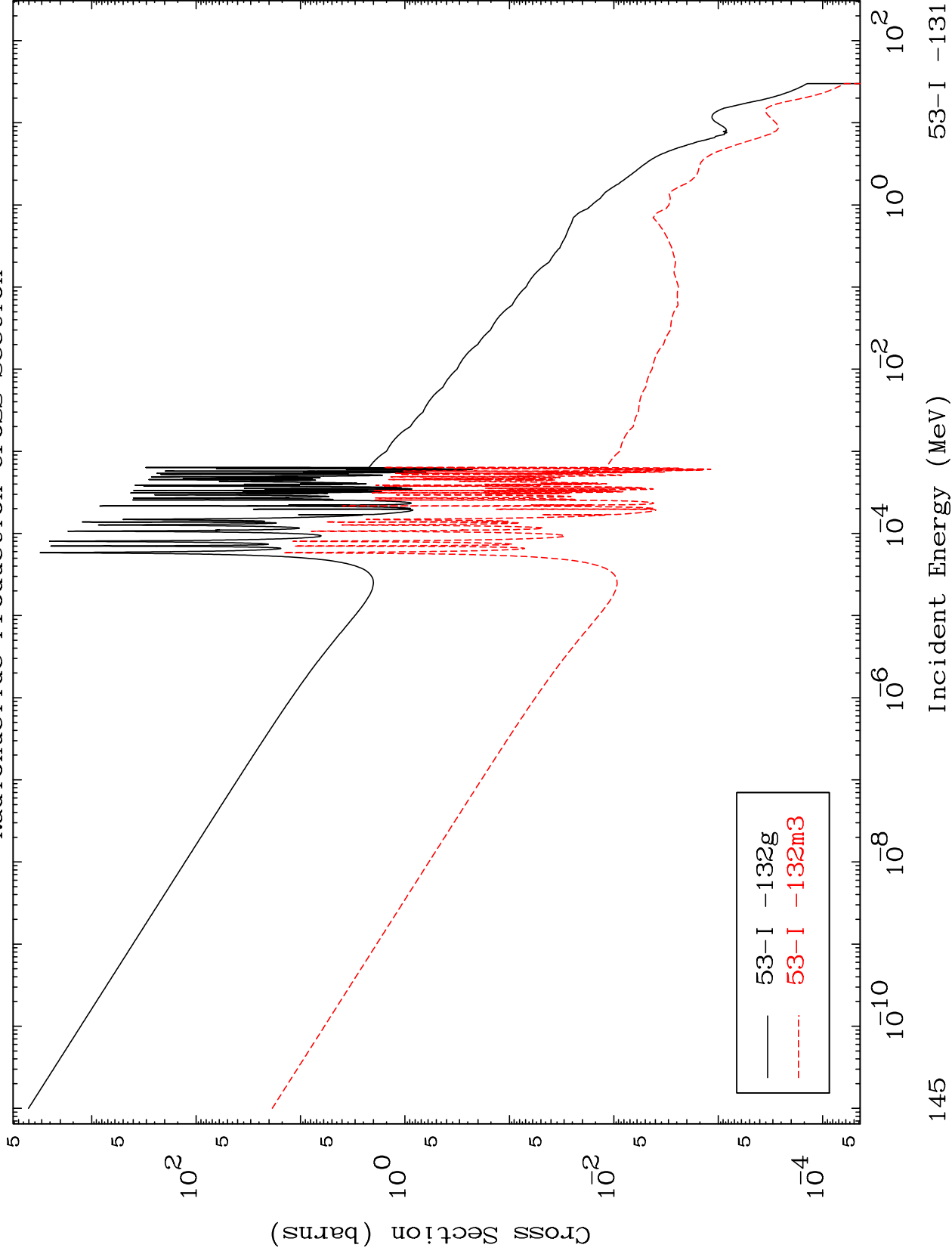


51-Sb-129g
51-Sb-129m1

MAT 5337

53-I -131

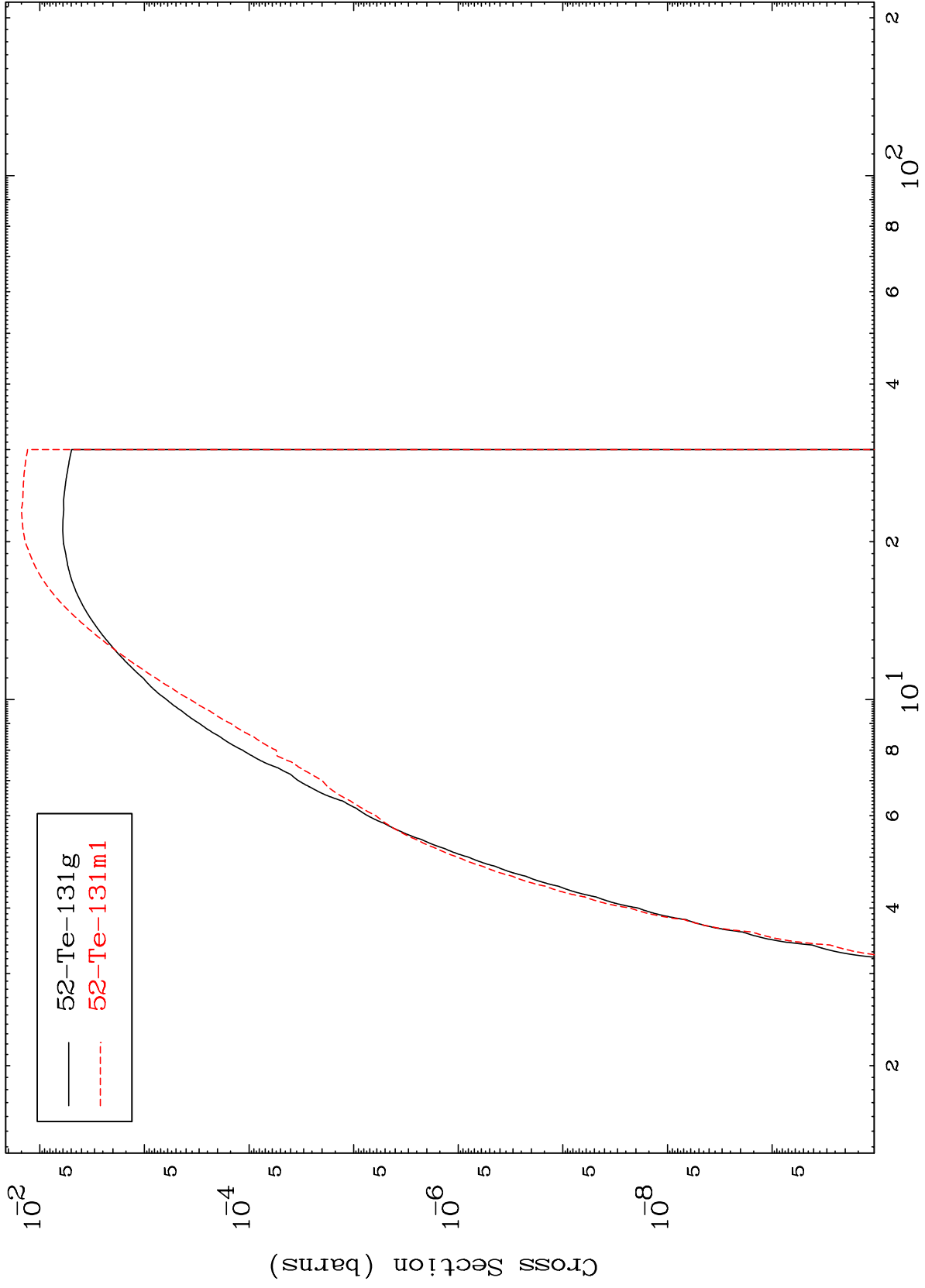
(n,γ)
Radionuclide Production Cross Section



MAT 5337

53-I -131

(n,p)
Radionuclide Production Cross Section



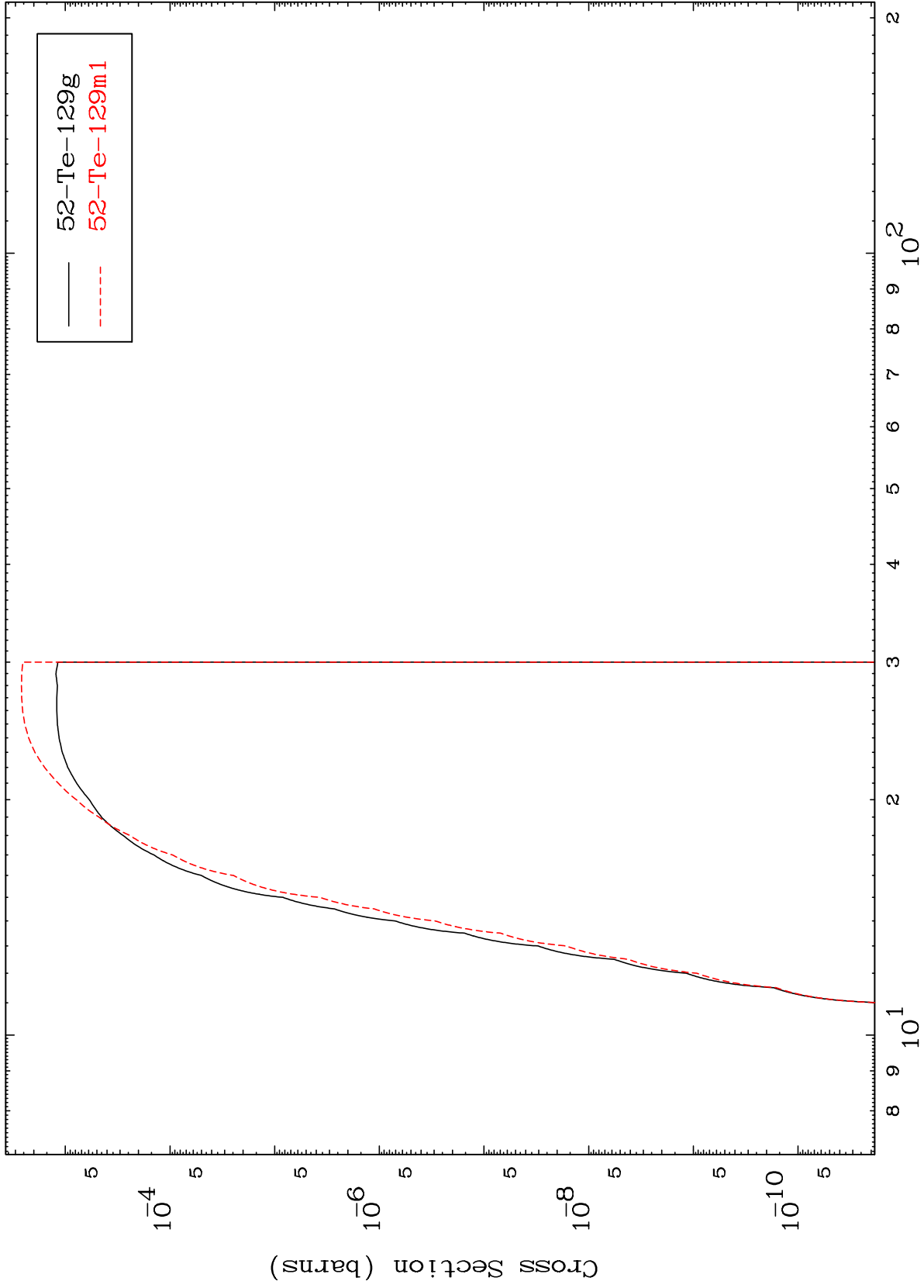
— 52-Te-131g
- - - 52-Te-131m1

146

53-I -131

Incident Energy (MeV)

(n,t)
Radionuclide Production Cross Section

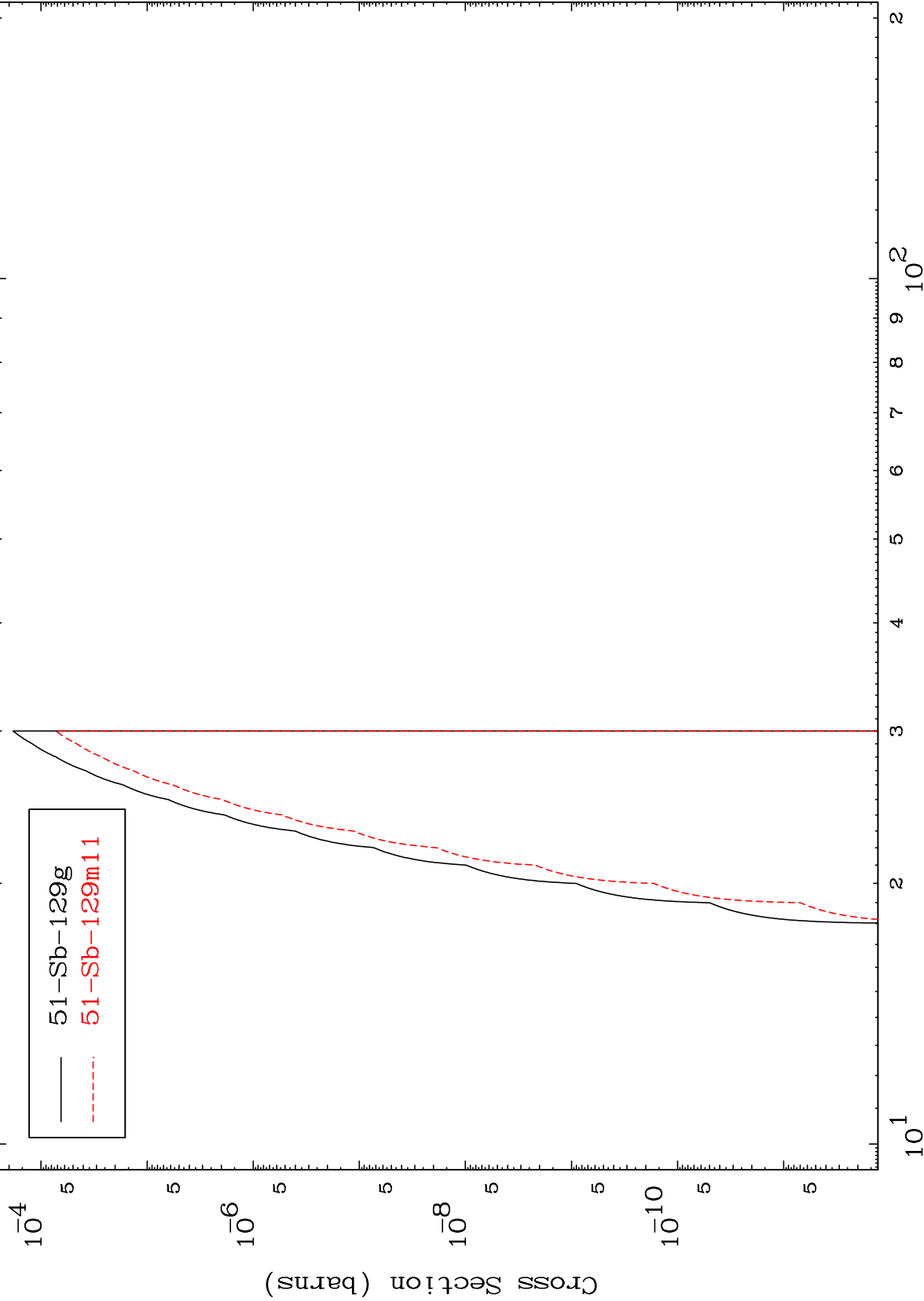


MAT 5337

(n,He-3)

53-I -131

Radionuclide Production Cross Section



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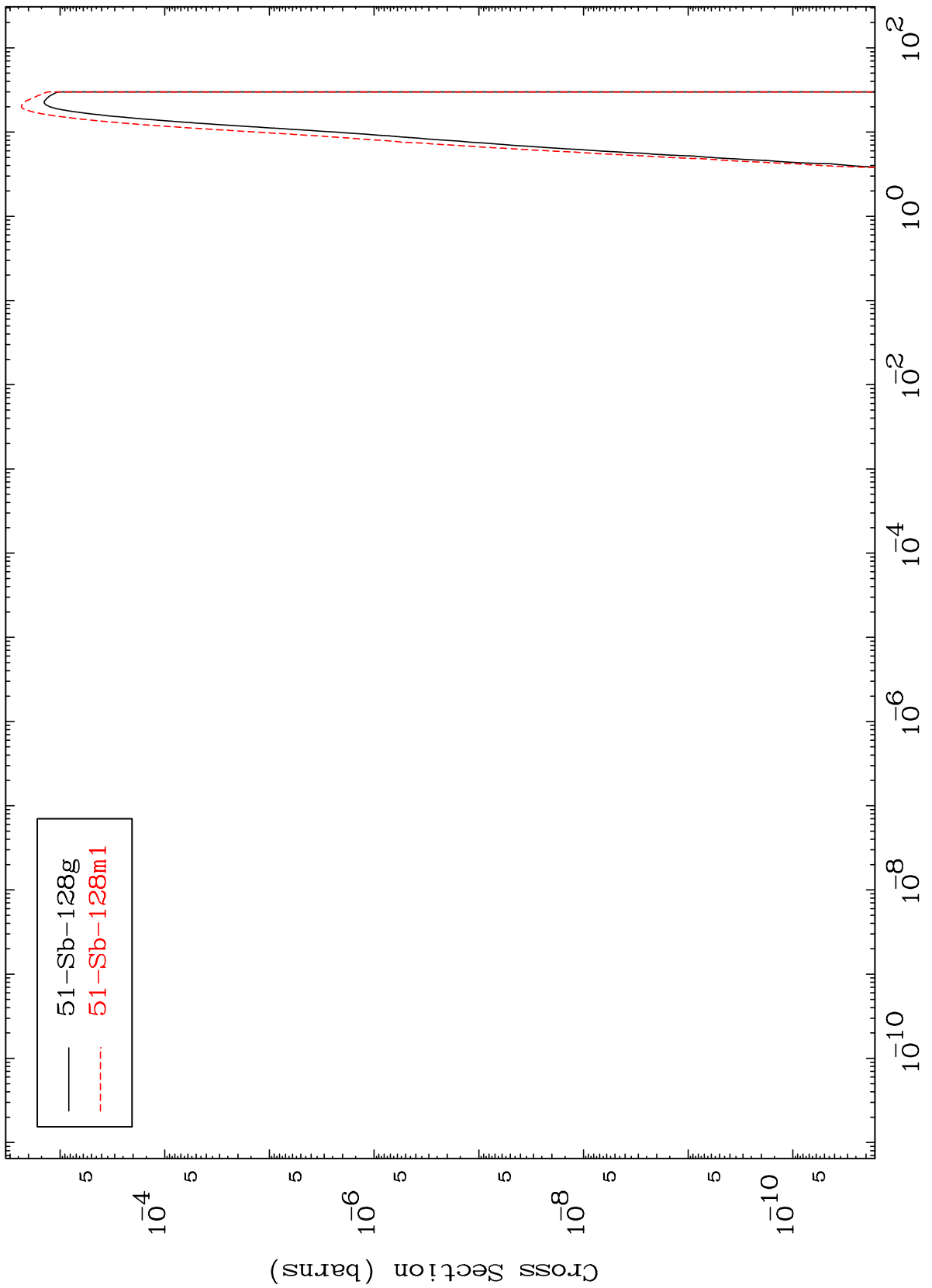
Incident Energy (MeV)

53-I -131

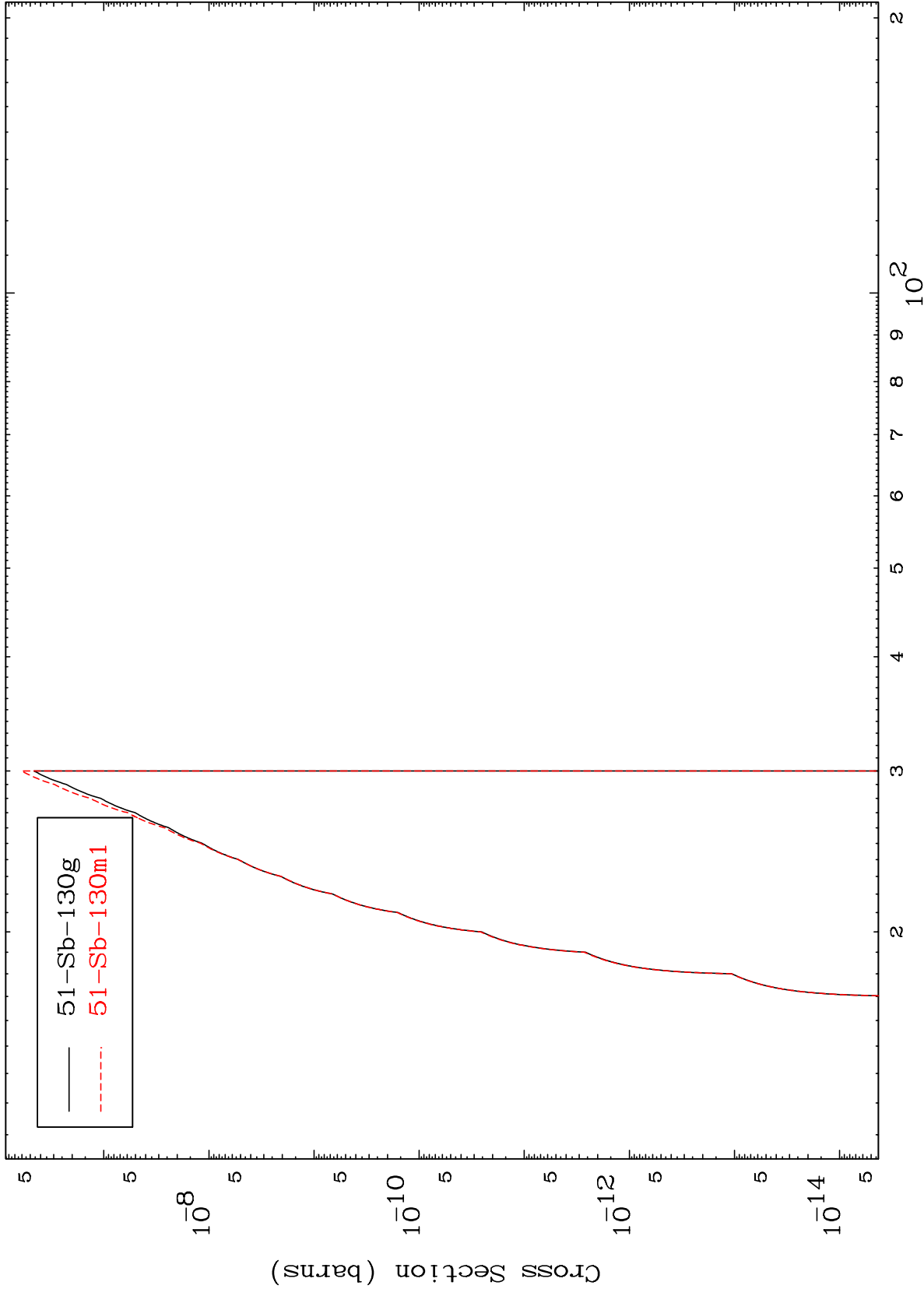
MAT 5337

53-I -131

(n, α)
Radionuclide Production Cross Section



(n,2p)
Radionuclide Production Cross Section

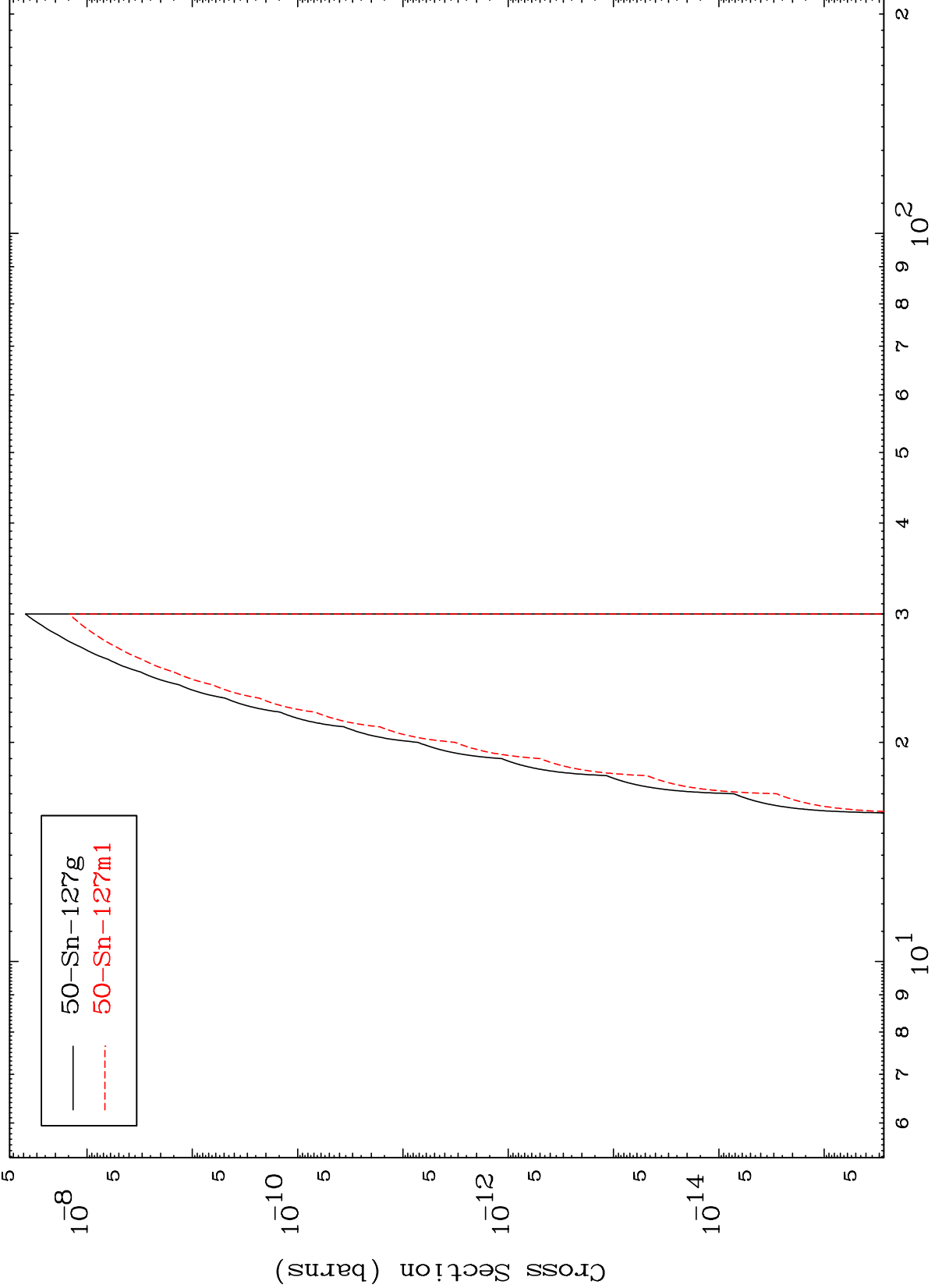


MAT 5337

(n,p) α

53-I -131

Radionuclide Production Cross Section



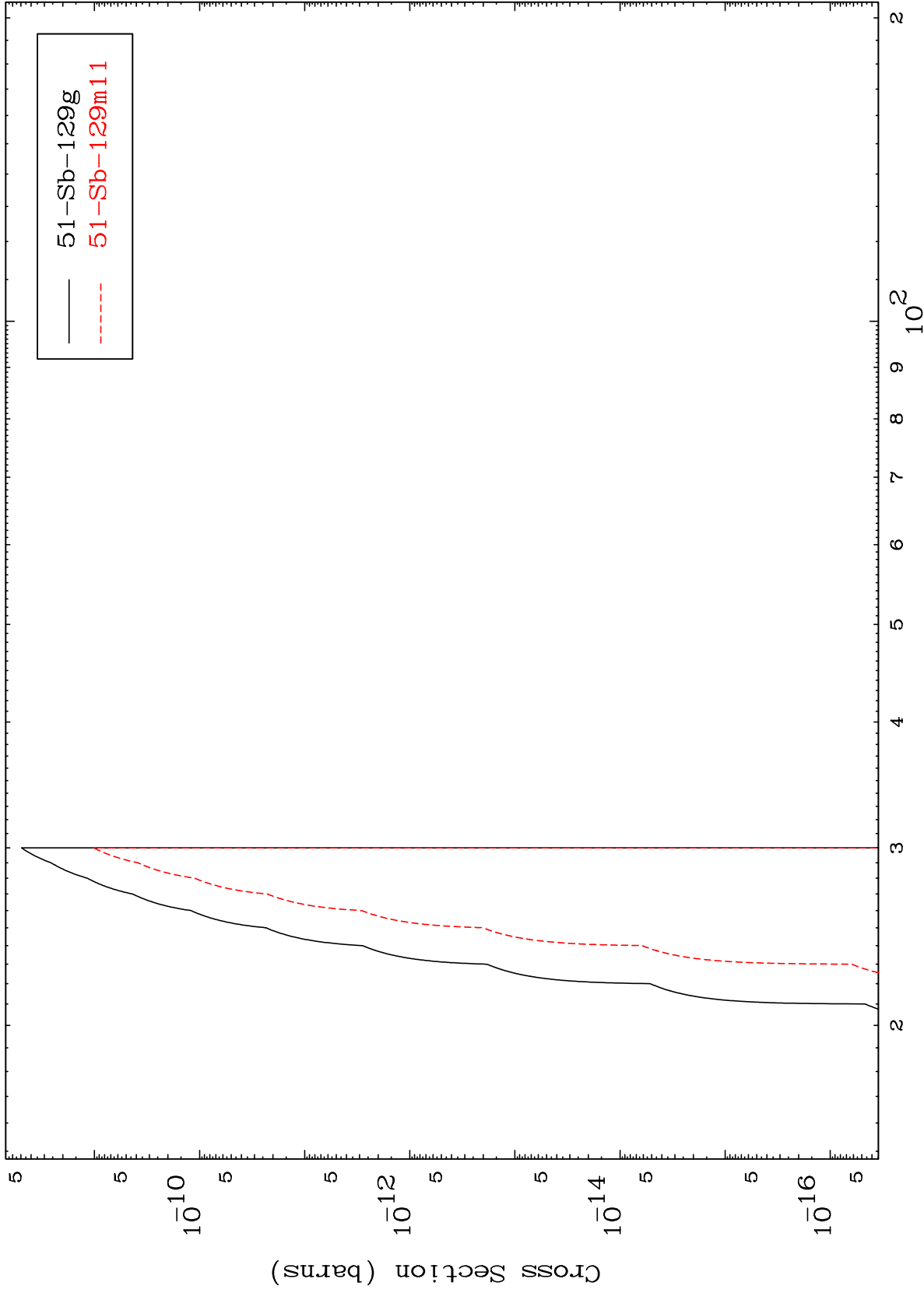
50-Sn-127g
50-Sn-127m1

151

Incident Energy (MeV)

53-I -131

Radionuclide Production Cross Section



Radionuclide Production Cross Section

