

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
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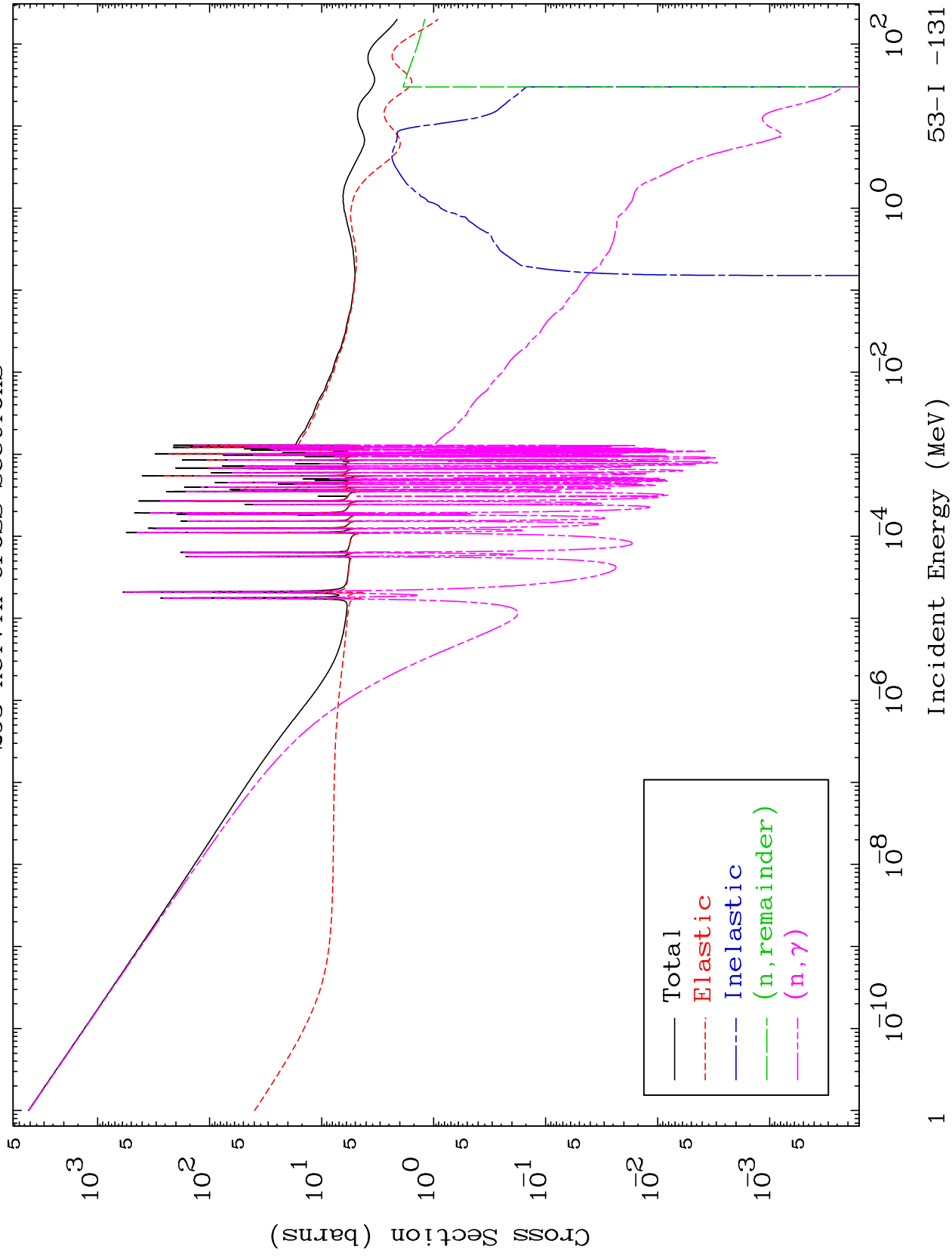
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Web:redcullen1.net/HOMEPAGE.NEW

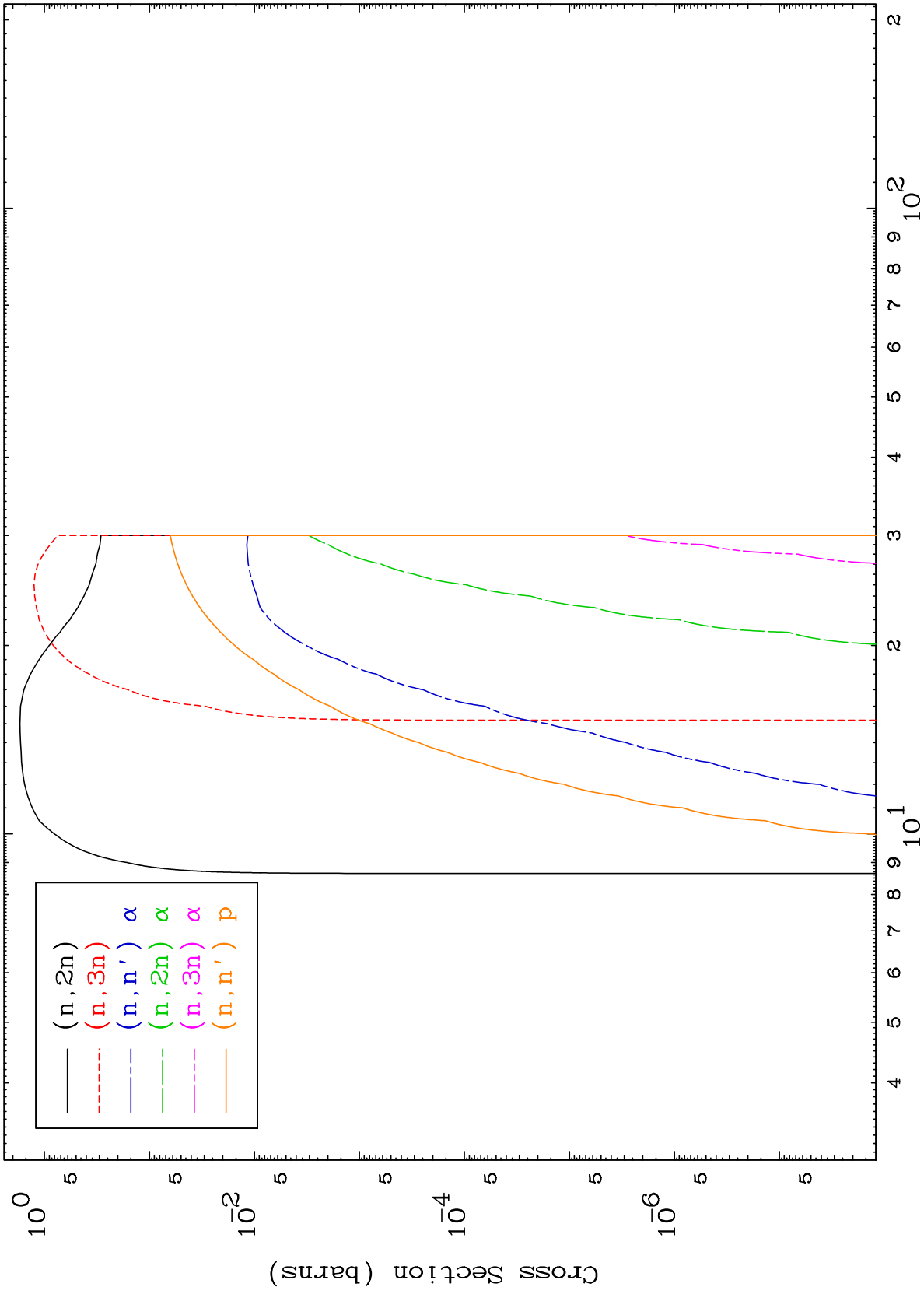
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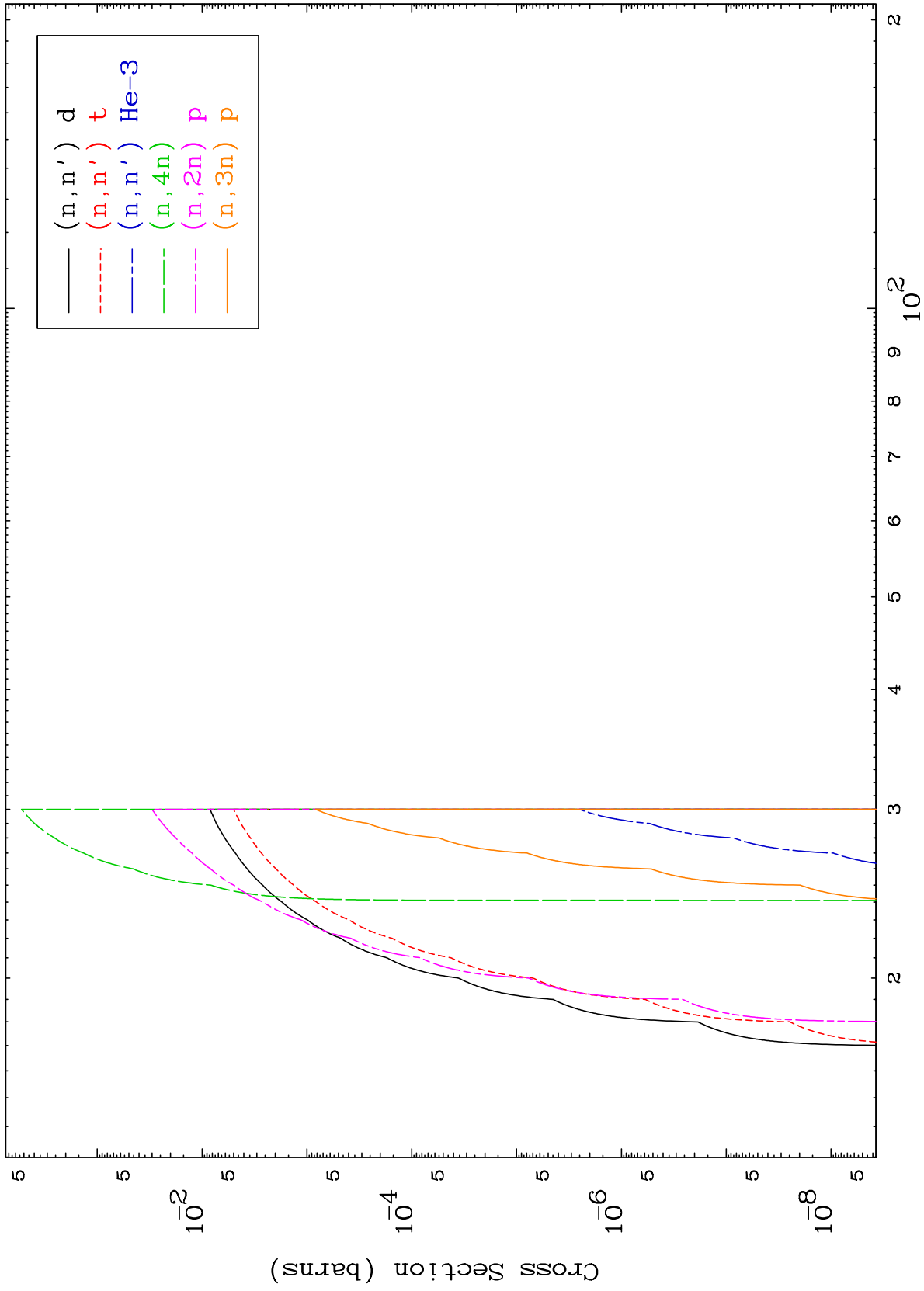
MAT 5337

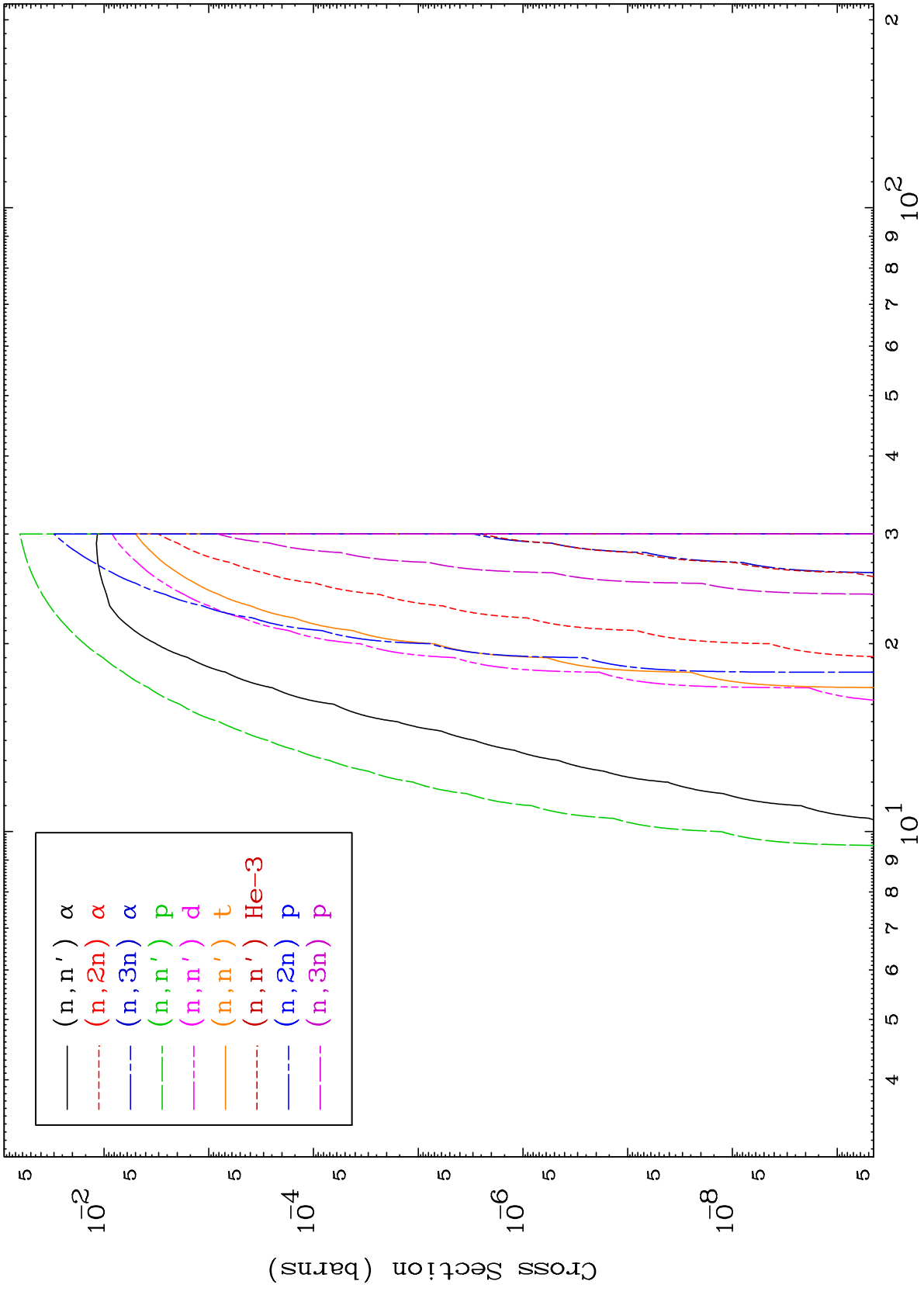
Major
293 Kelvin Cross Sections

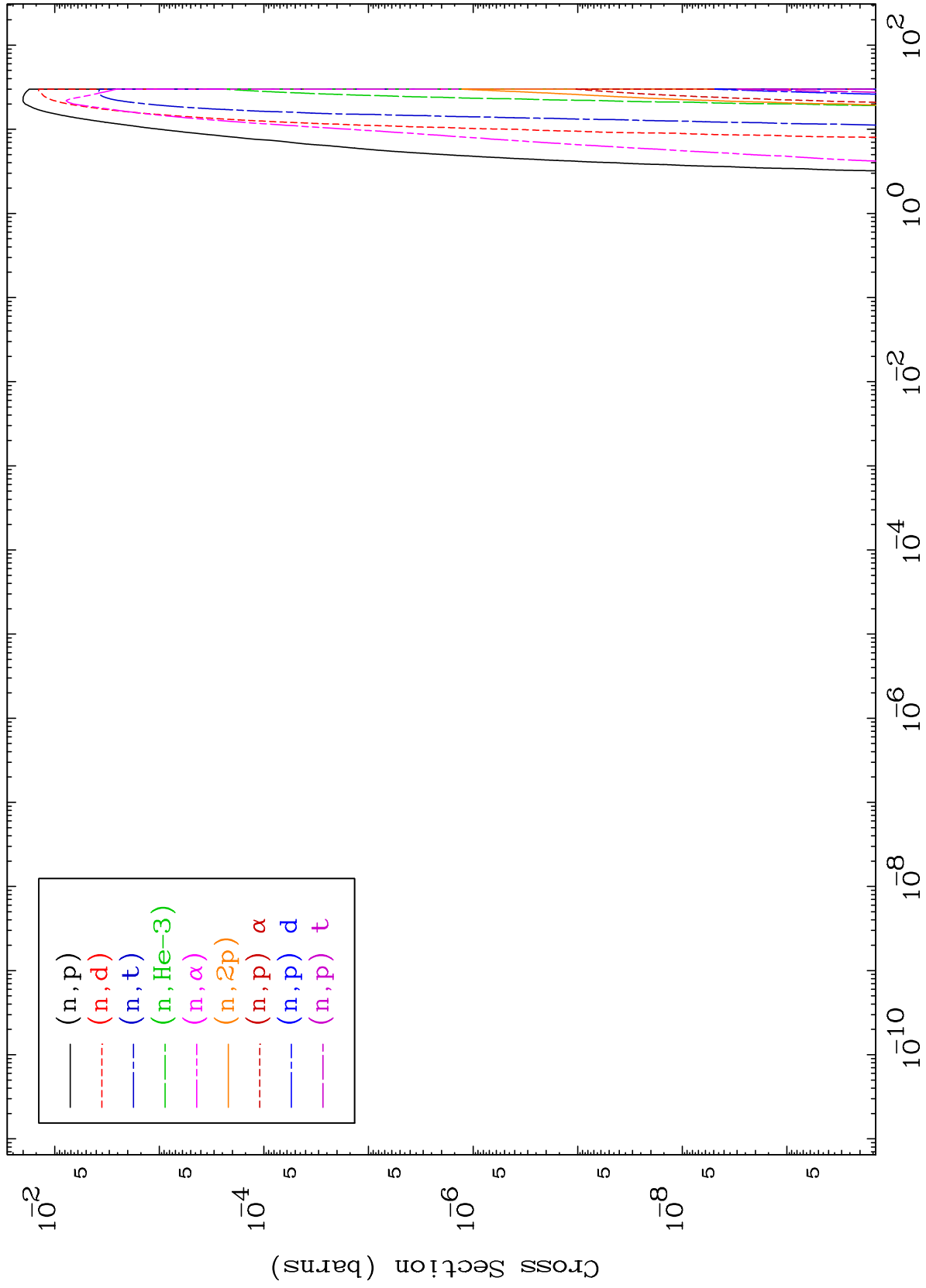
53-I -131

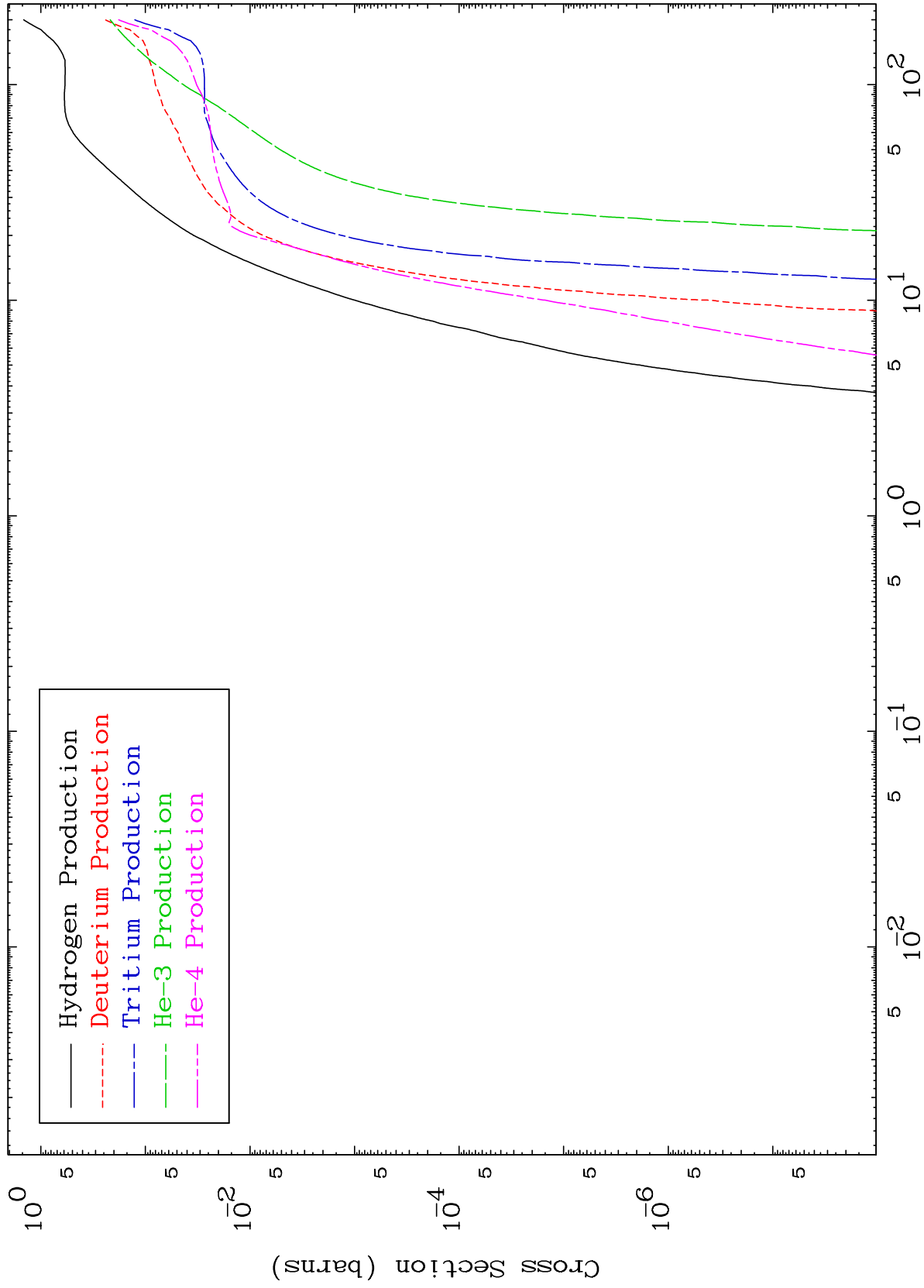


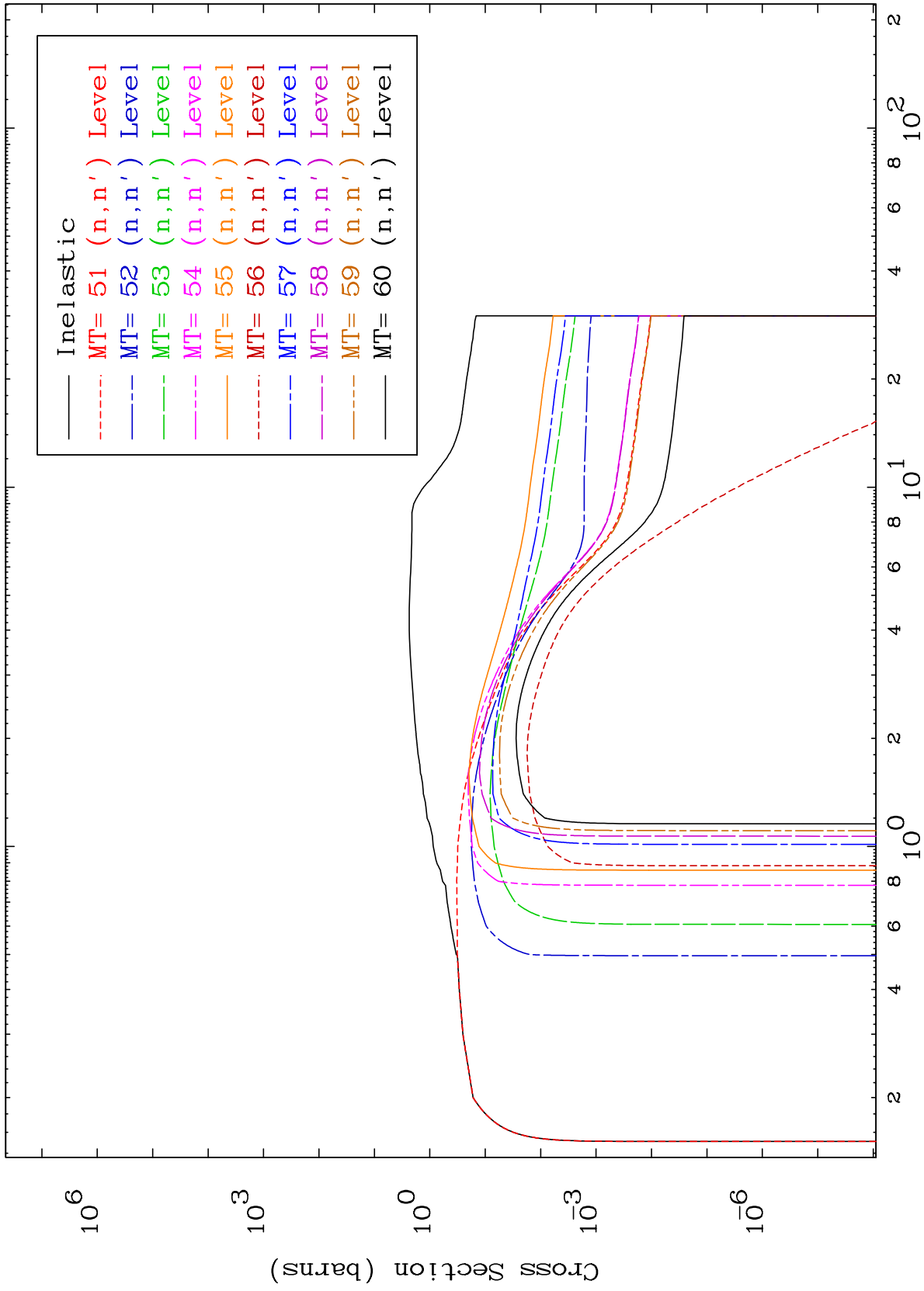


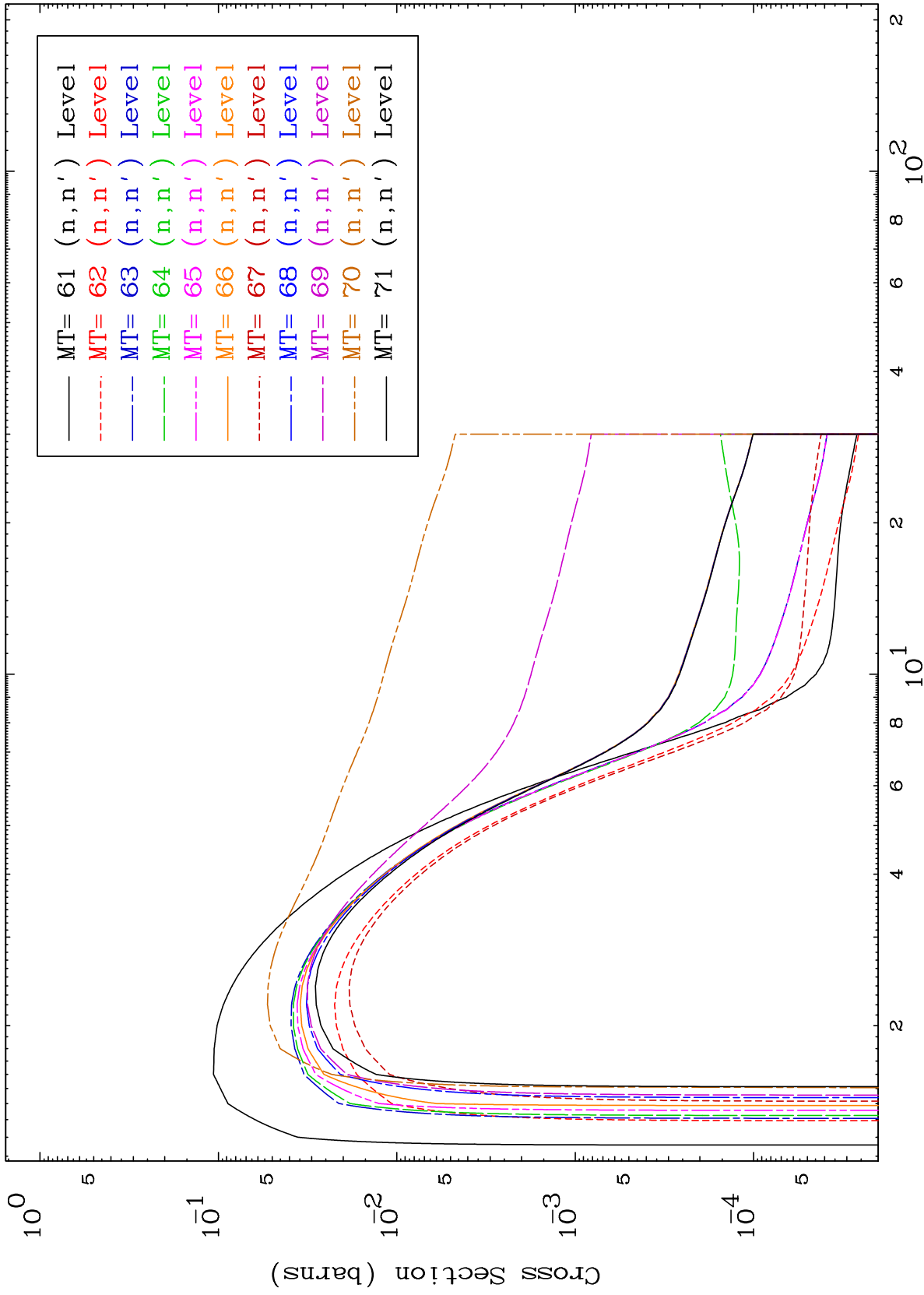


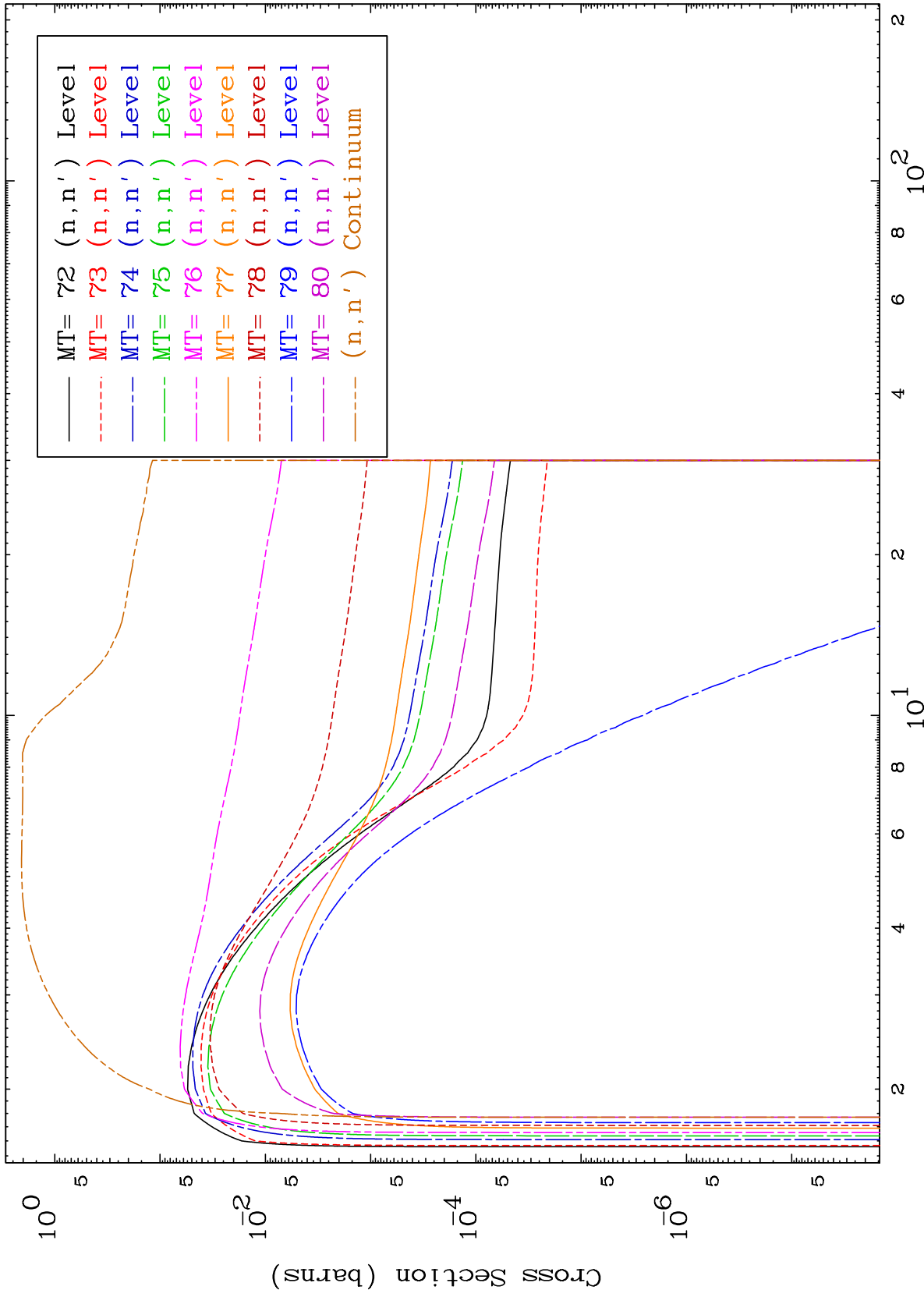








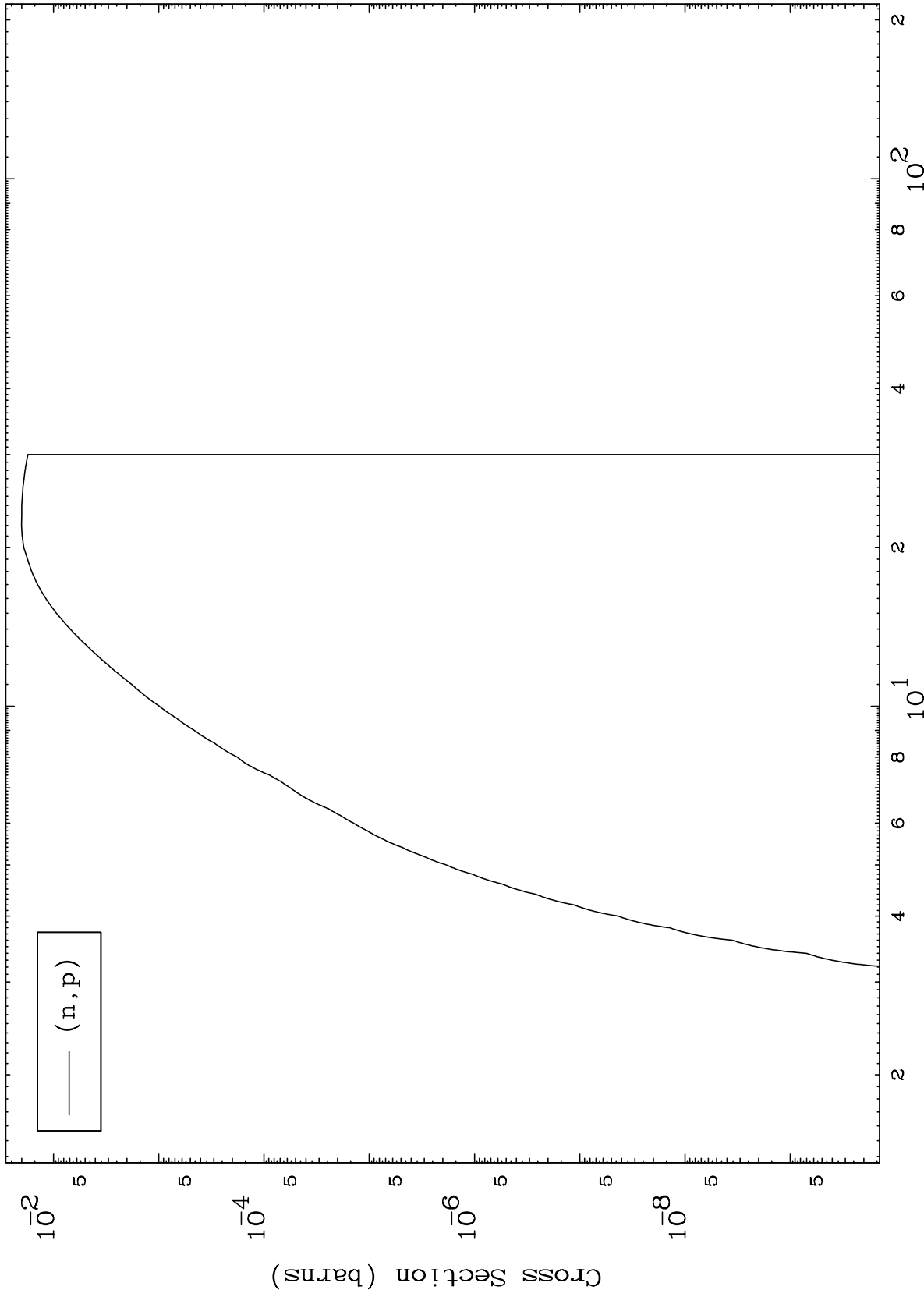




MAT 5337

(n,p) Levels
293 Kelvin Cross Sections

53-I -131



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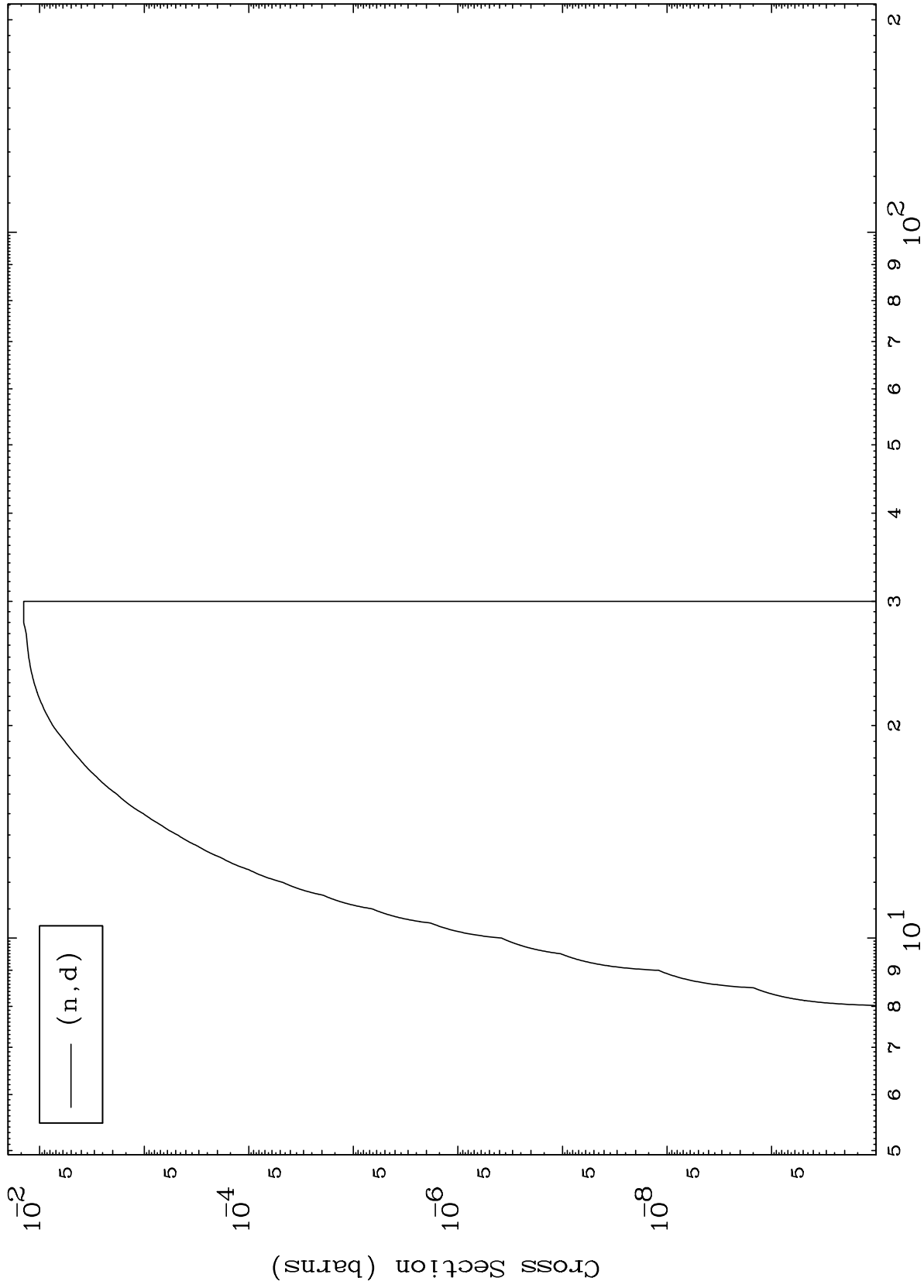
Incident Energy (MeV)

53-I -131

MAT 5337

(n,d) Levels
293 Kelvin Cross Sections

53-I -131



11

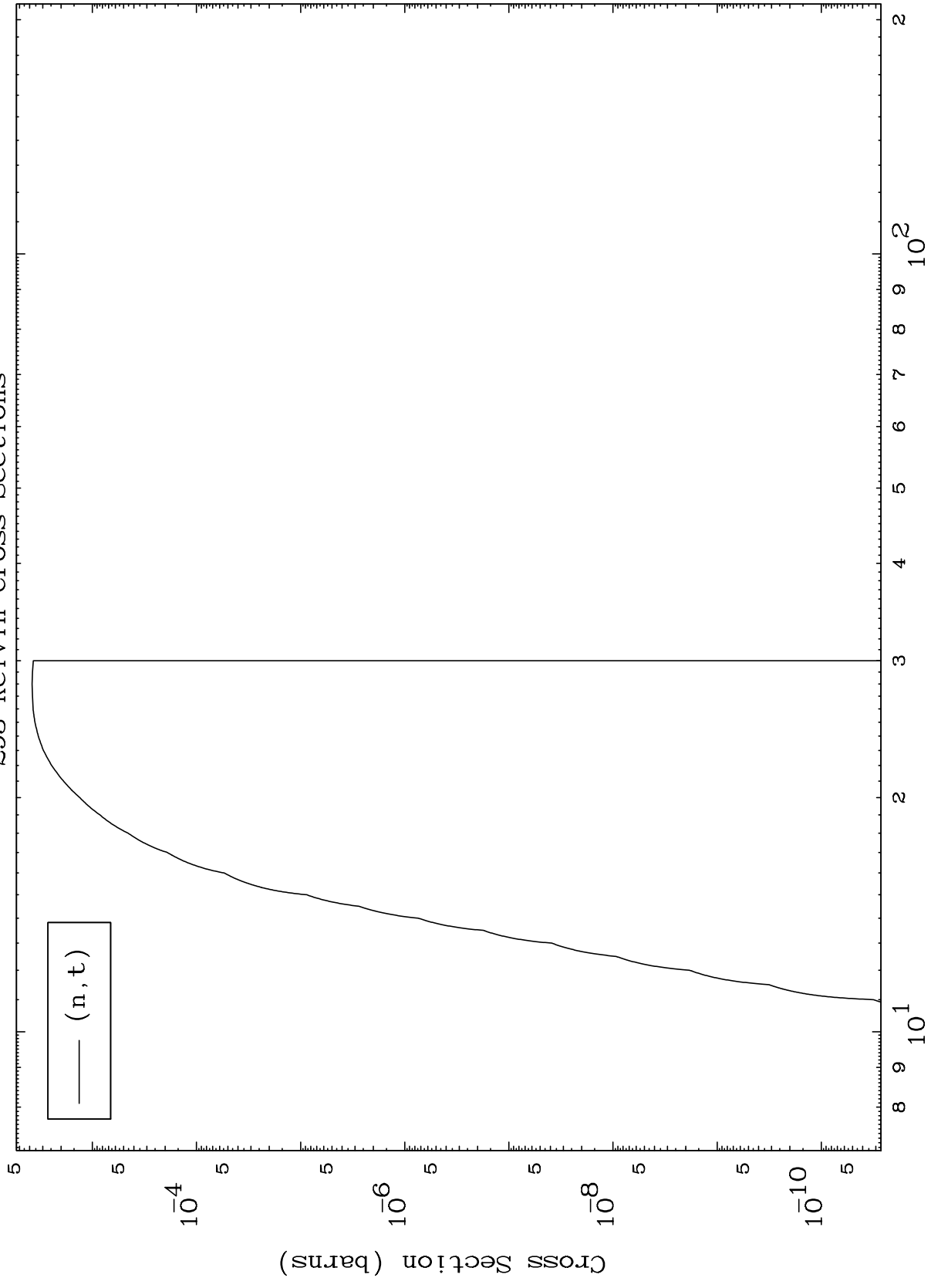
Incident Energy (MeV)

53-I -131

MAT 5337

(n,t) Levels
293 Kelvin Cross Sections

53-I -131



12

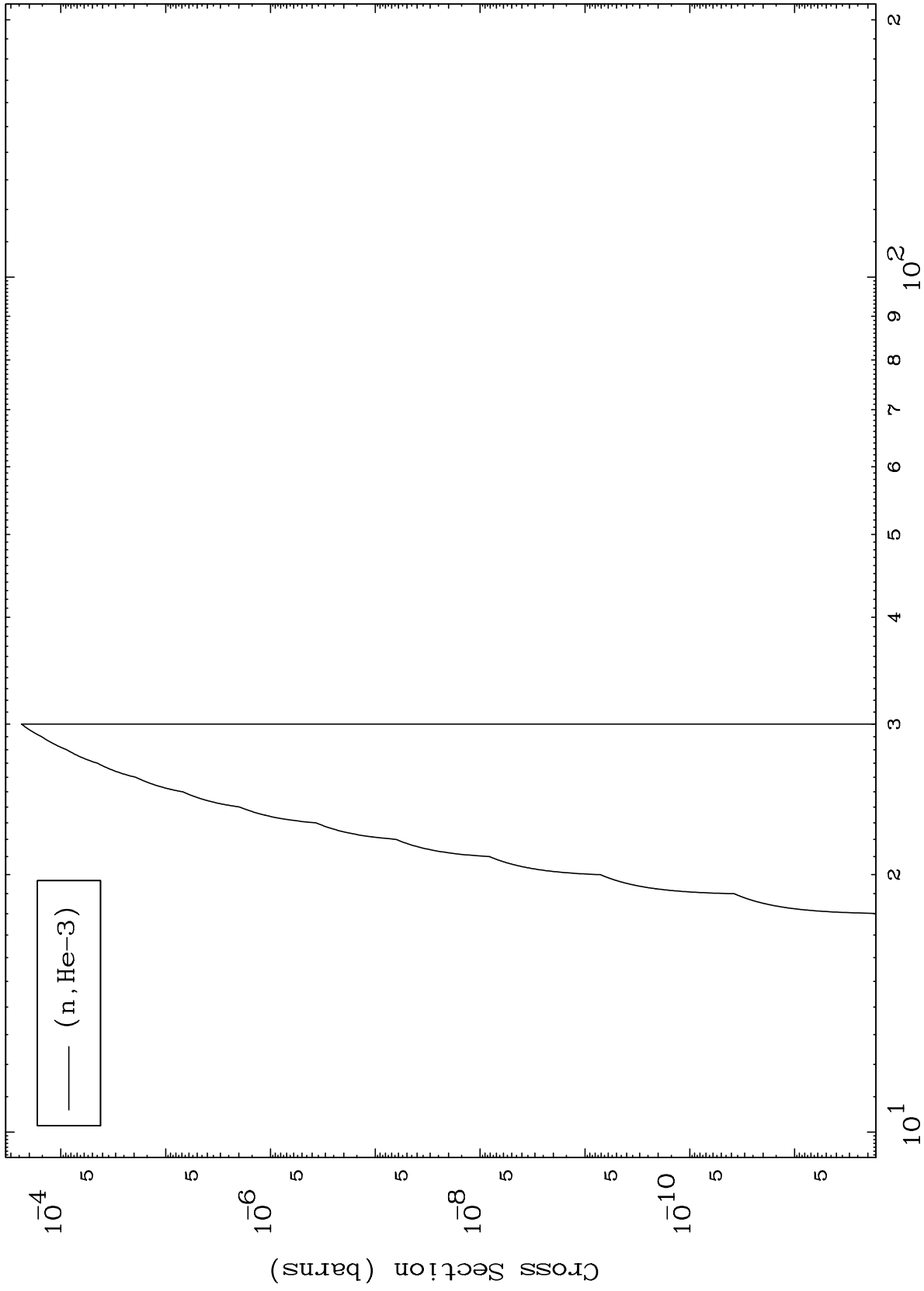
Incident Energy (MeV)

53-I -131

MAT 5337

(n,He3) Levels
293 Kelvin Cross Sections

53-I -131



13

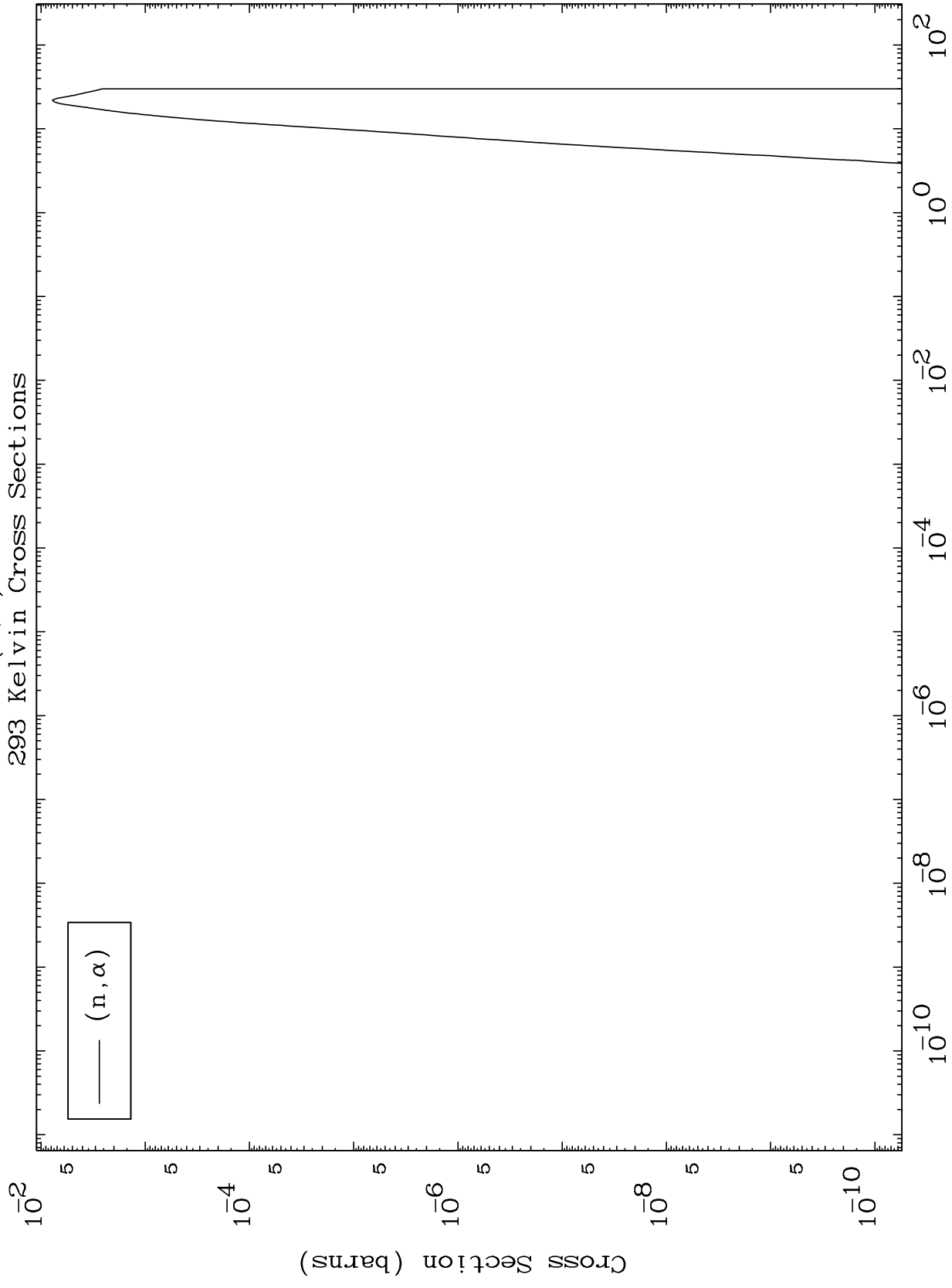
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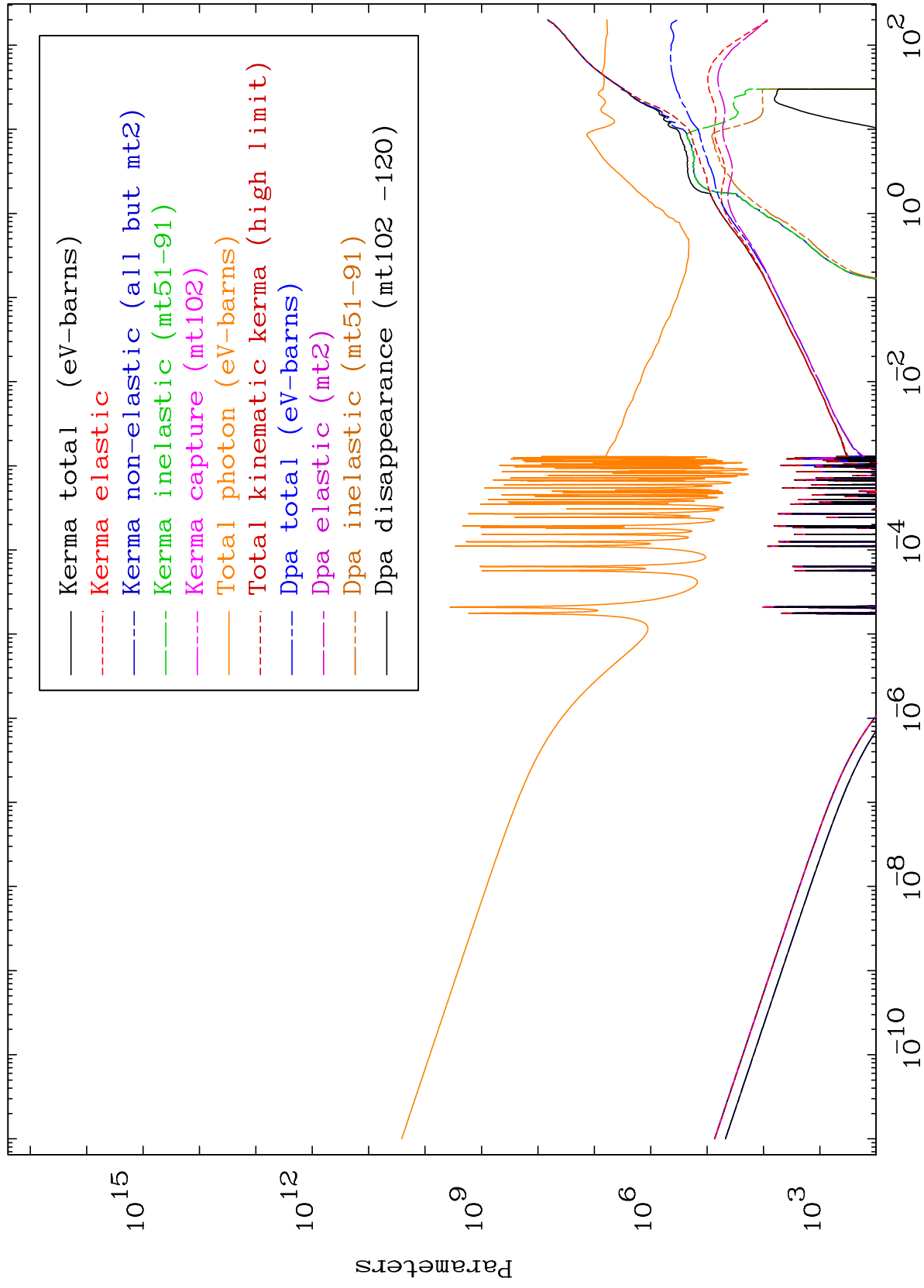
53-I -131

MAT 5337

(n, α) Levels
293 Kelvin Cross Sections

53-I -131

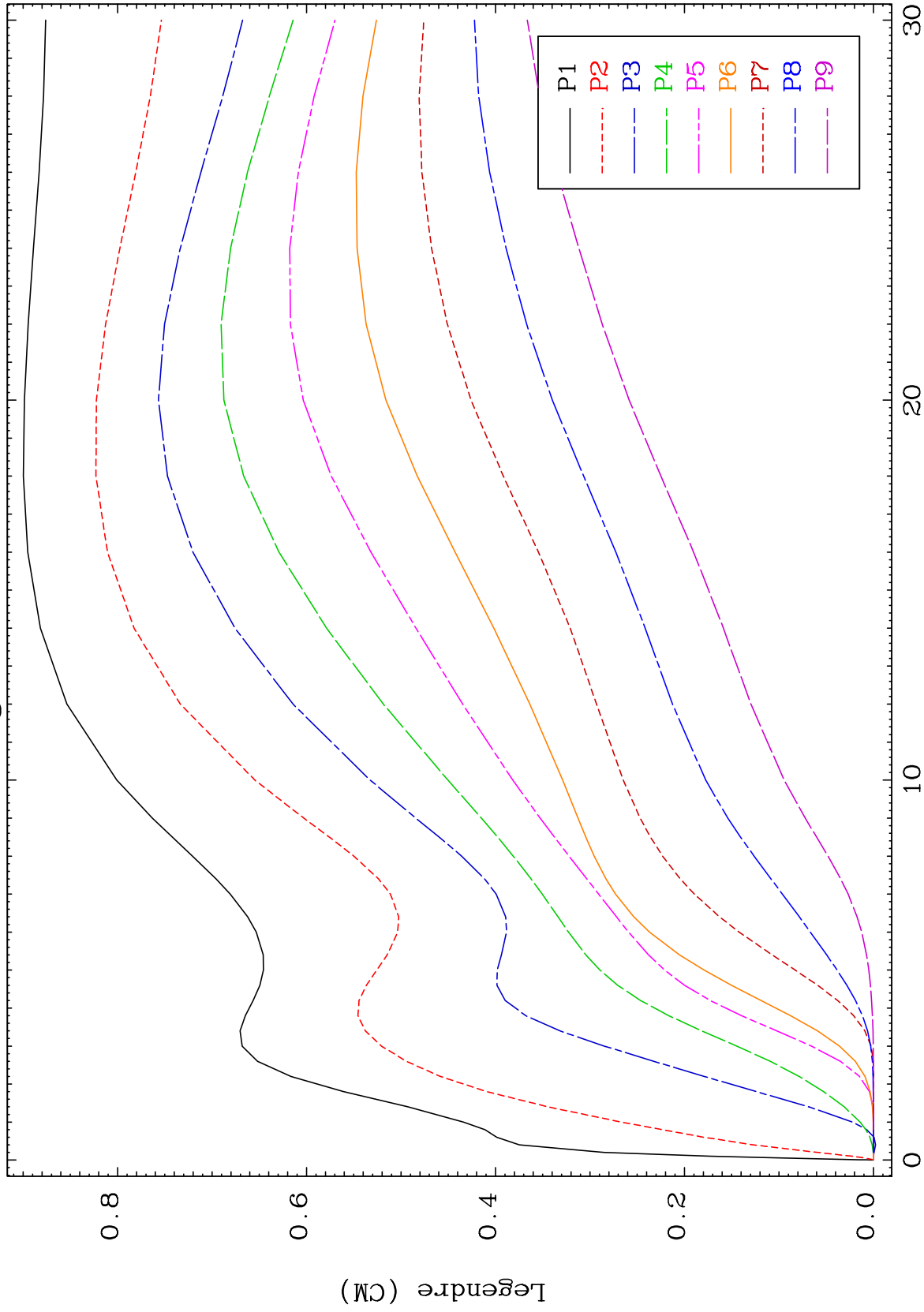




MAT 5337

Elastic Legendre Coefficients

53-I -131



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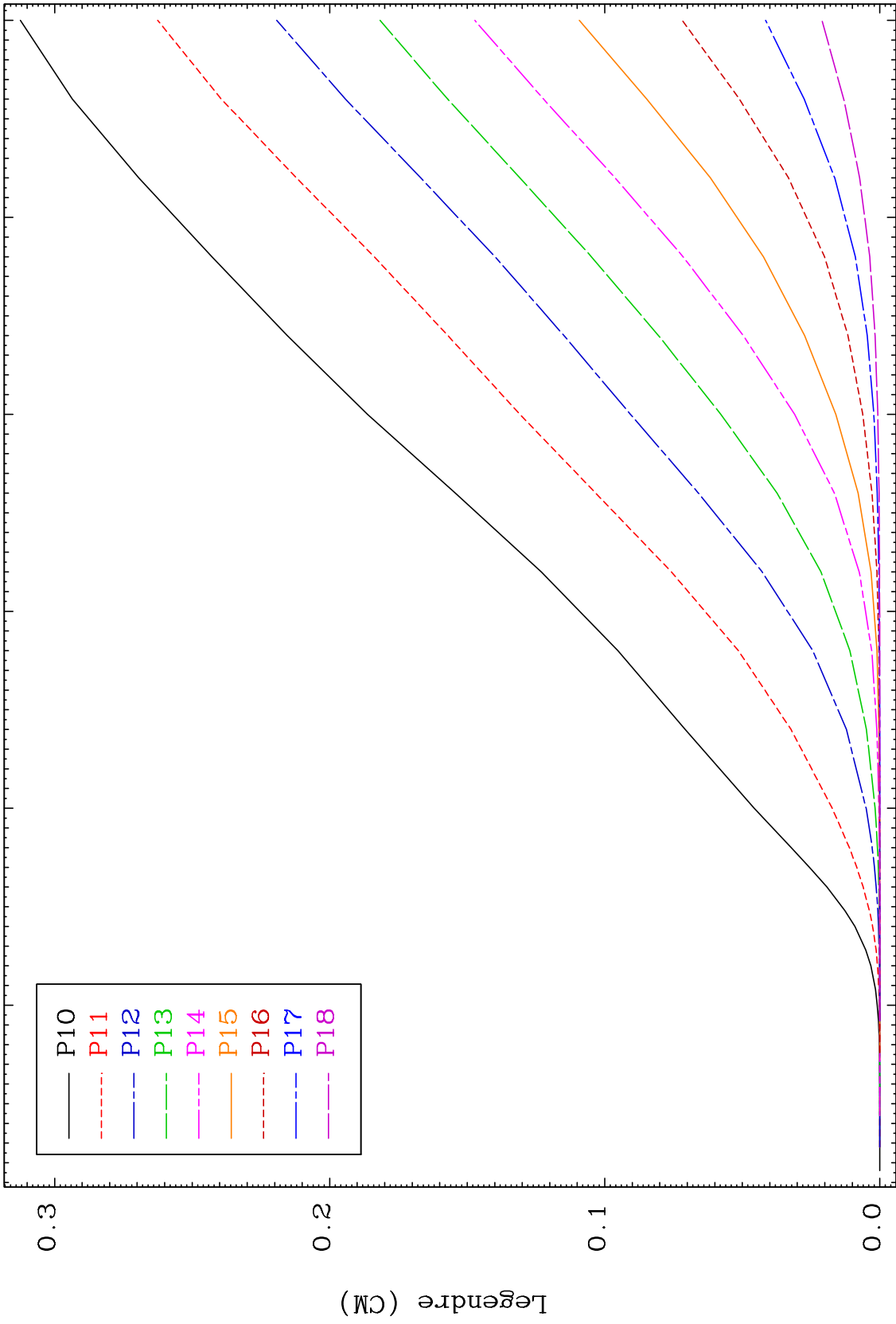
Incident Energy (MeV)

53-I -131

MAT 5337

Elastic Legendre Coefficients

53-I -131



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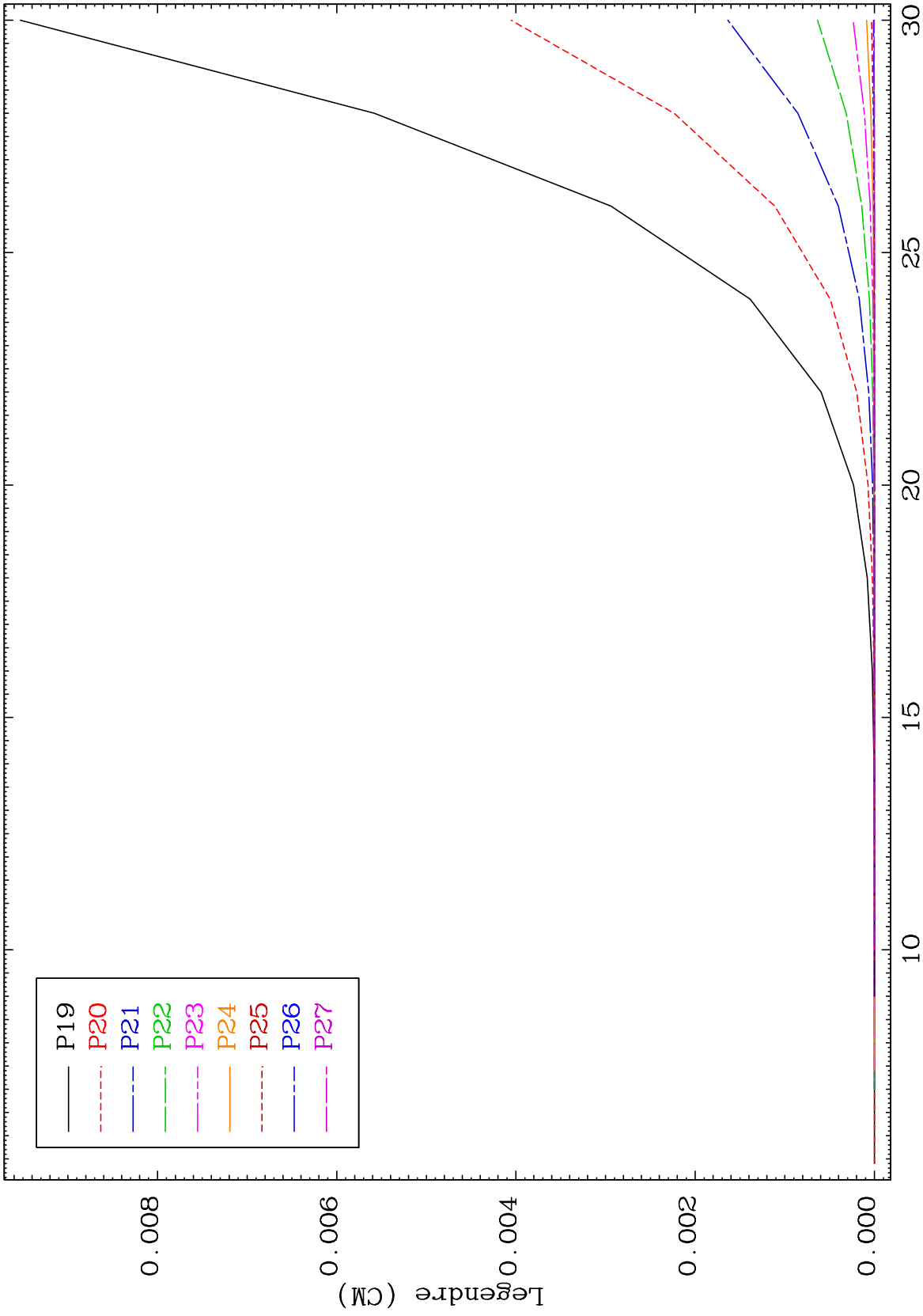
Incident Energy (MeV)

53-I -131

MAT 5337

Elastic Legendre Coefficients

53-I -131



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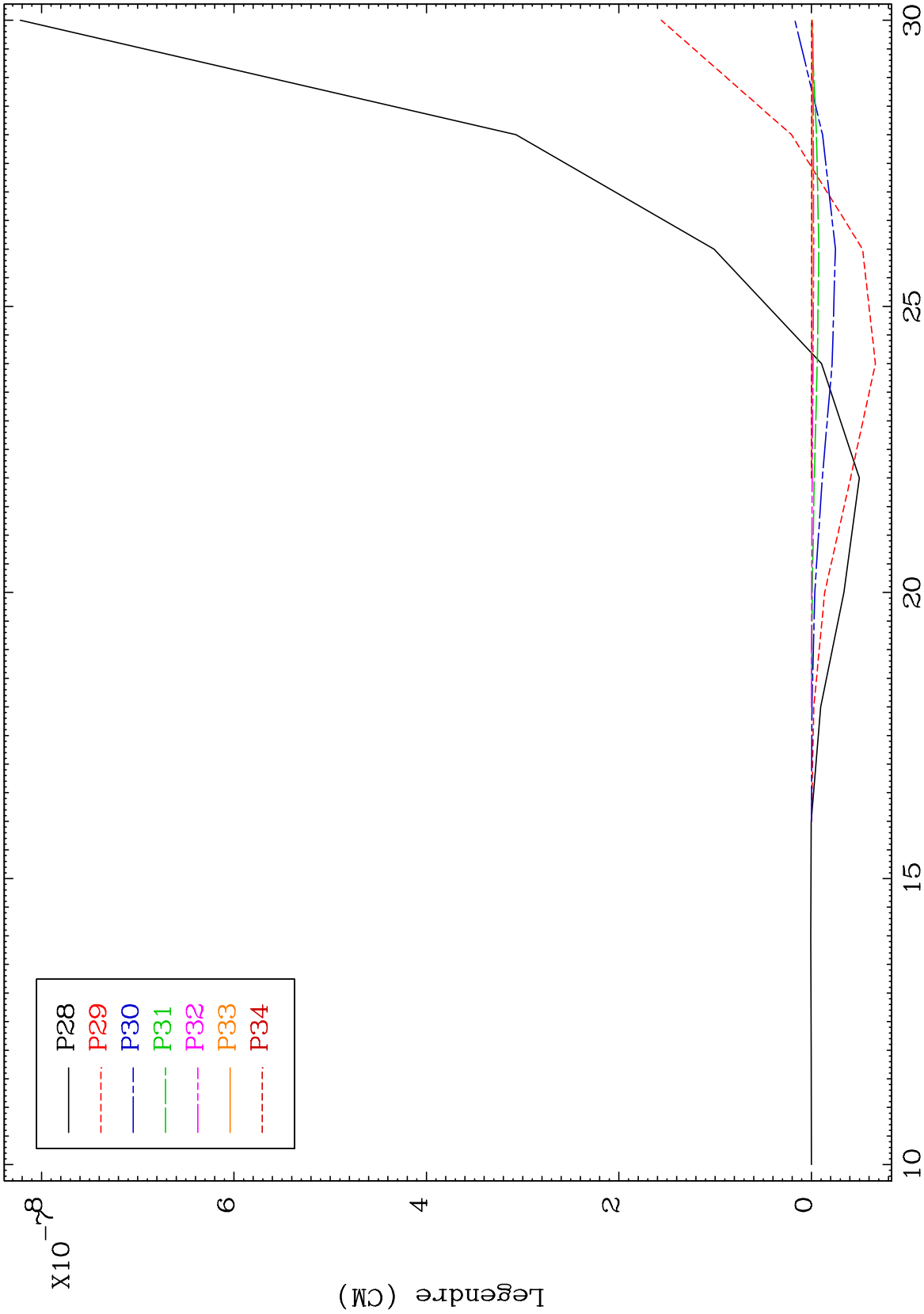
Incident Energy (MeV)

53-I -131

MAT 5337

Elastic Legendre Coefficients

53-I -131



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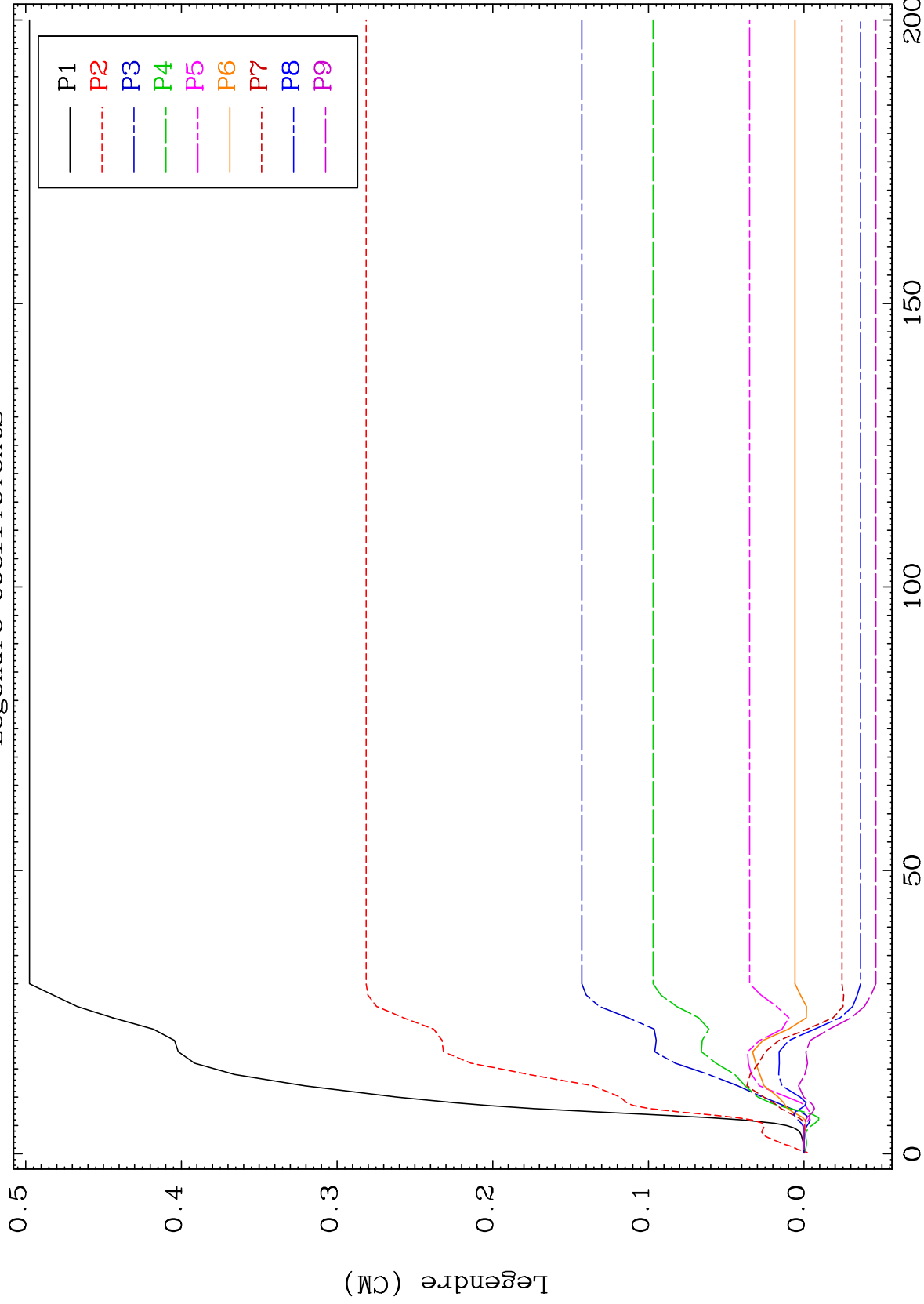
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



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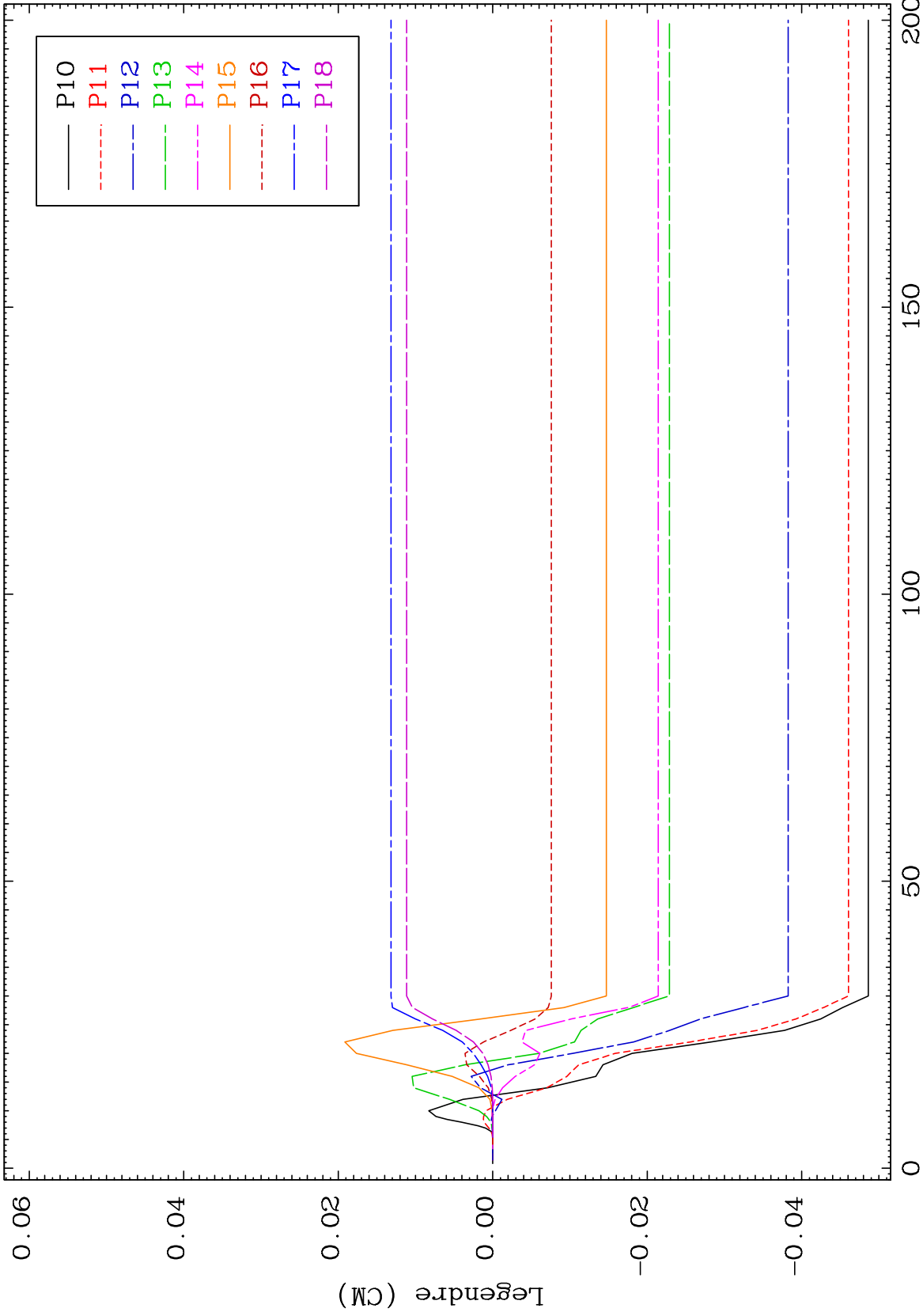
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



21

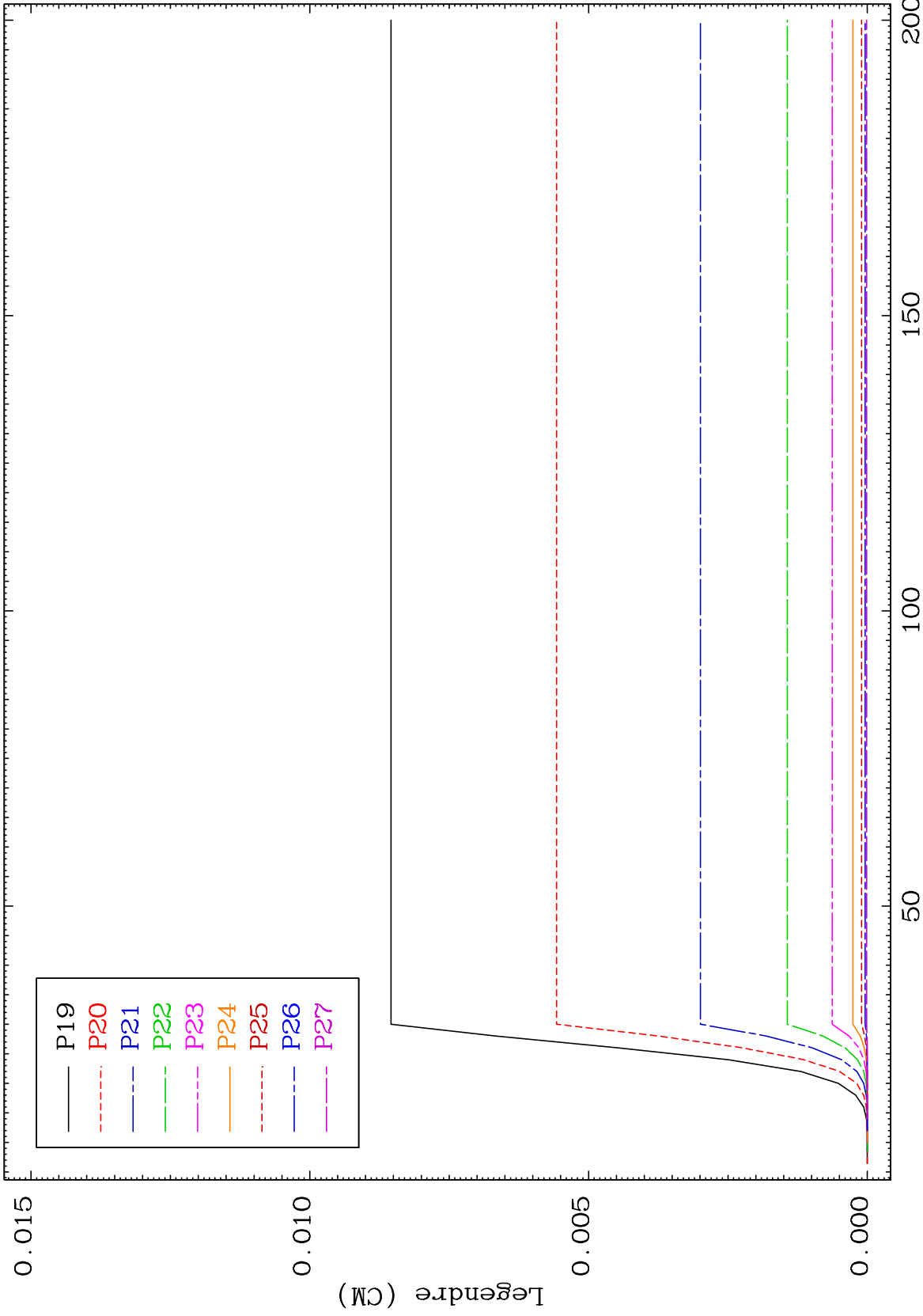
Incident Energy (MeV)

53-I -131

MAT 5337

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

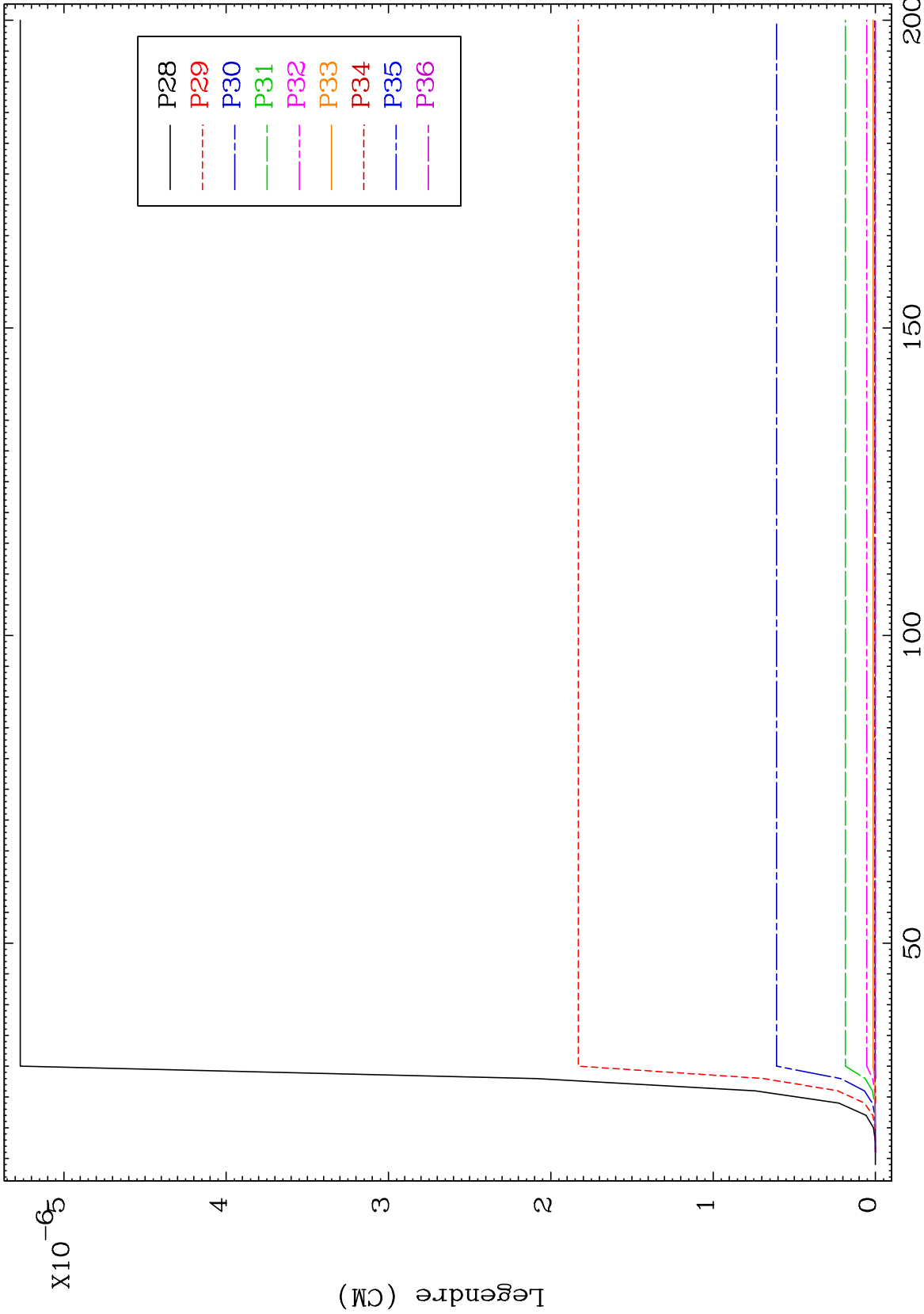
53-I -131



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Incident Energy (MeV)

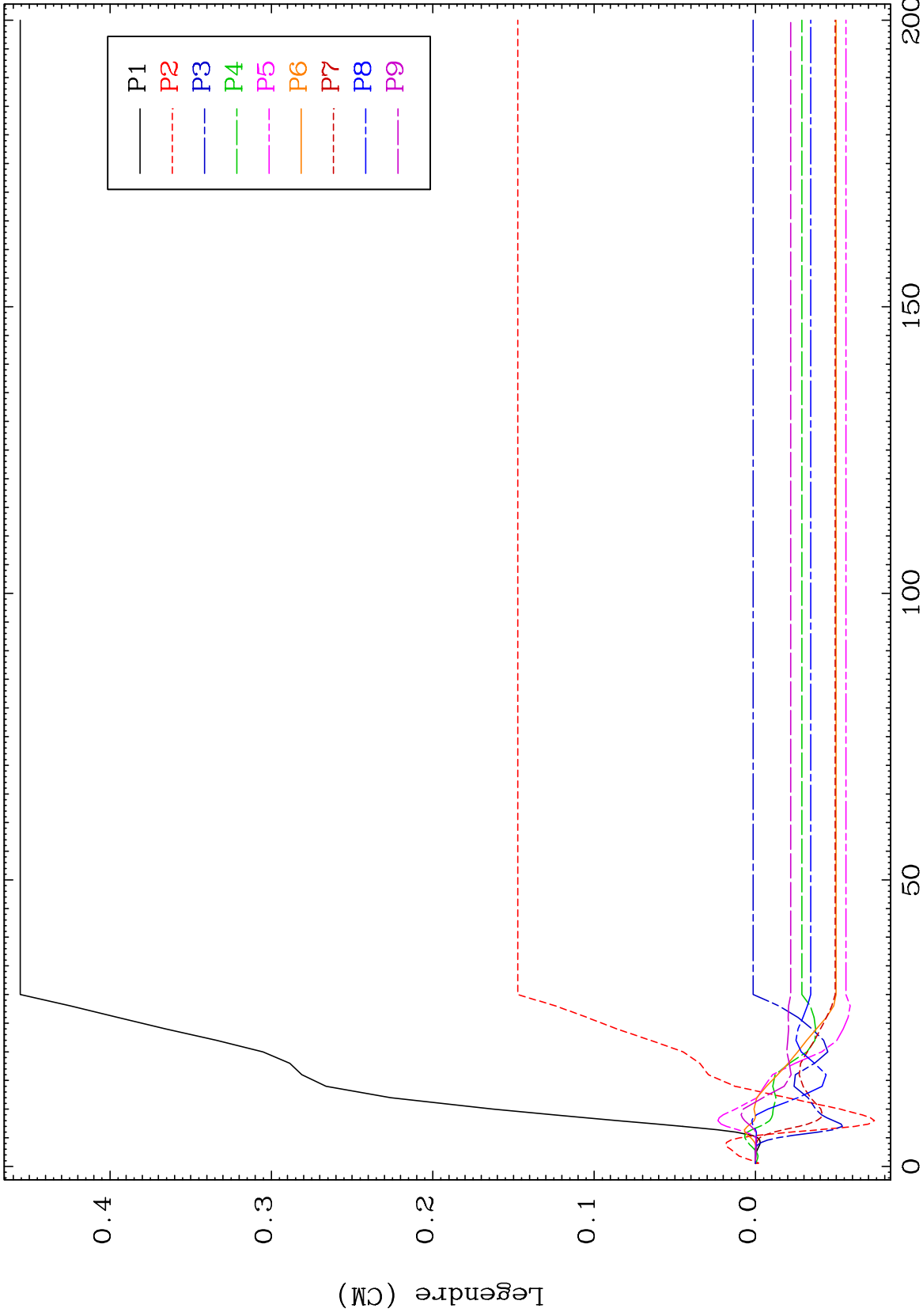
53-I -131



MAT 5337

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

53-I -131



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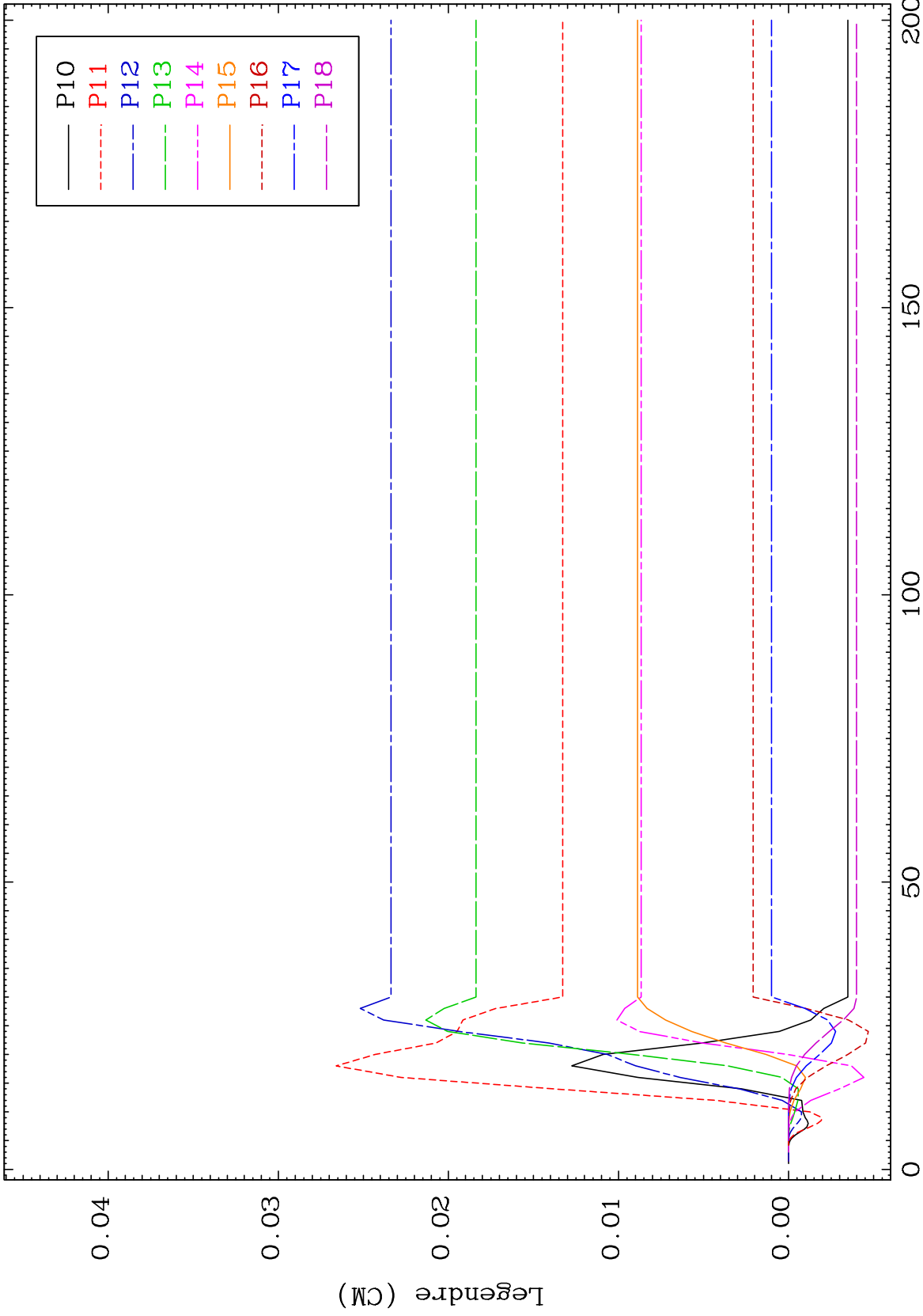
Incident Energy (MeV)

53-I -131

MAT 5337

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

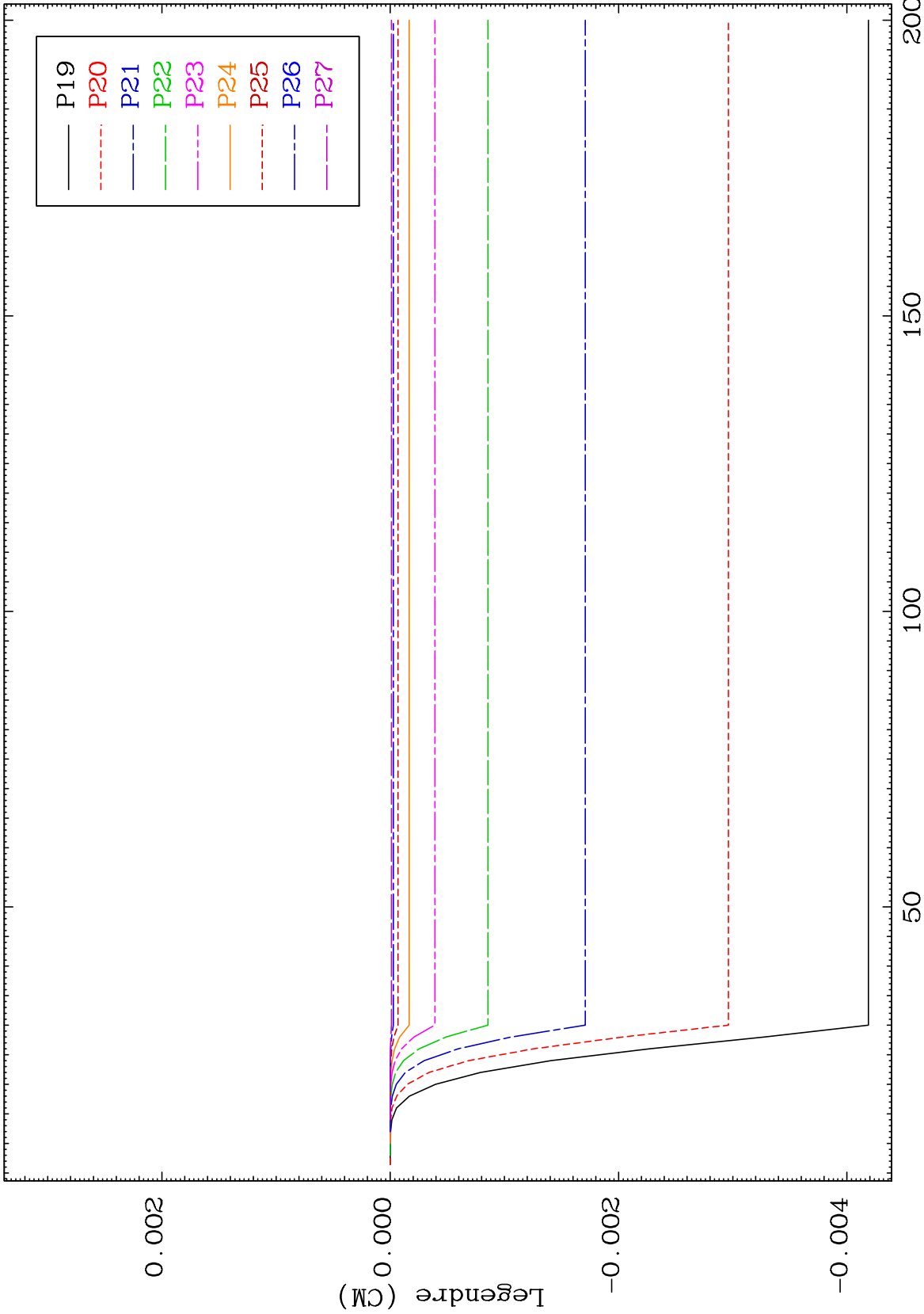
53-I -131



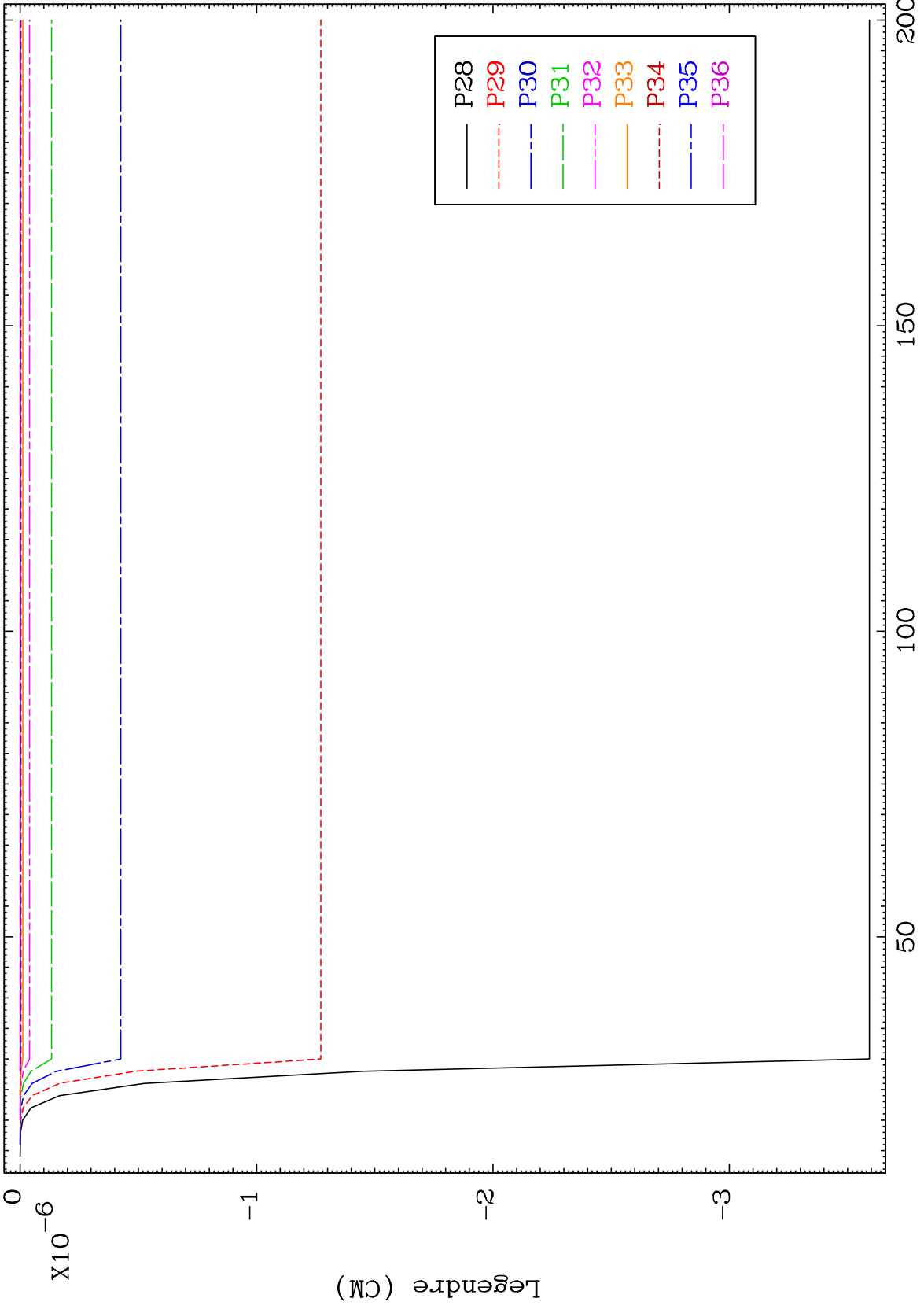
25

Incident Energy (MeV)

53-I -131



MAT 5337 MT= 52 (n,n') Level Legendre Coefficients 53-I -131

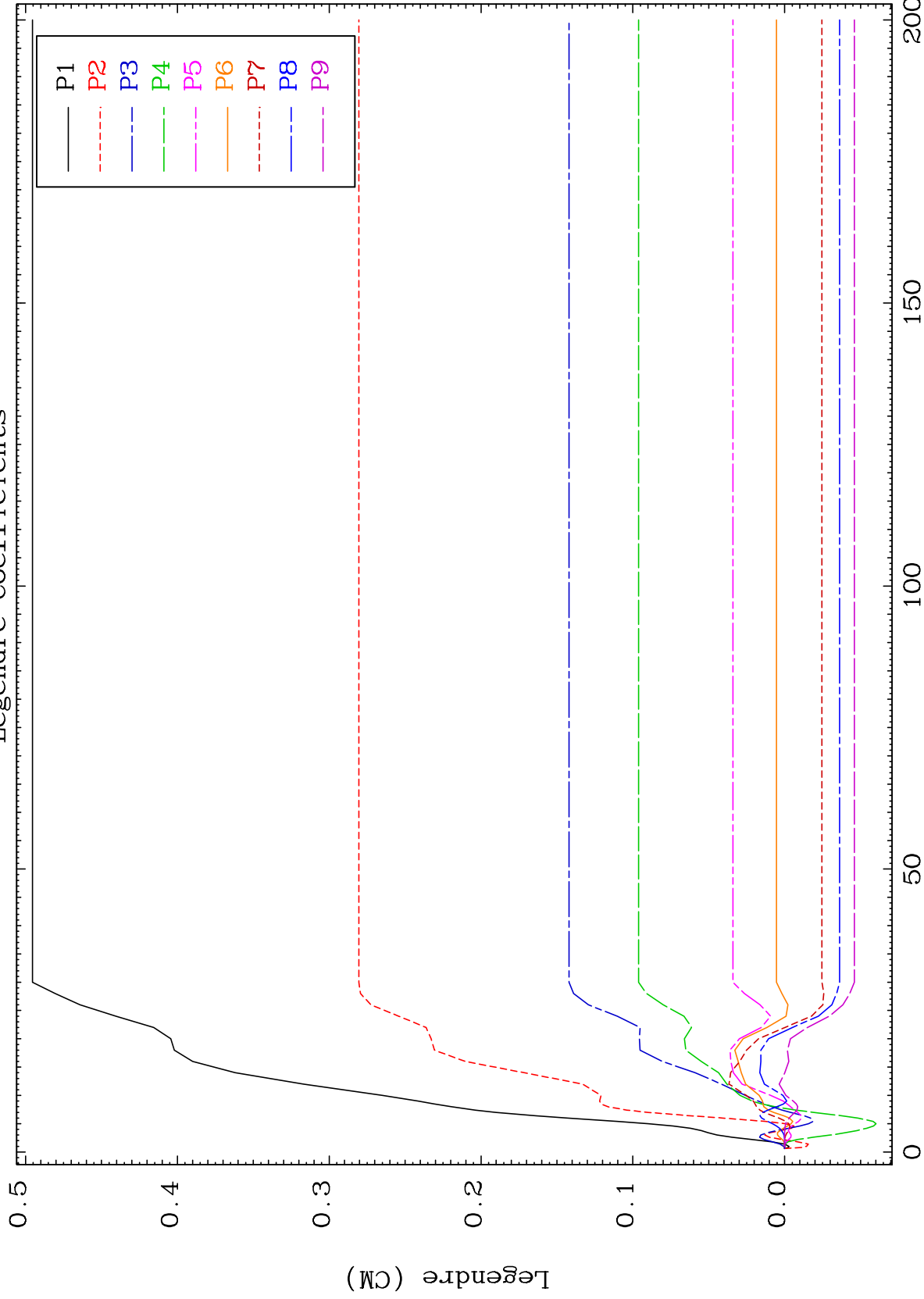


27 Incident Energy (MeV) 53-I -131

MAT 5337

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

53-I -131



28

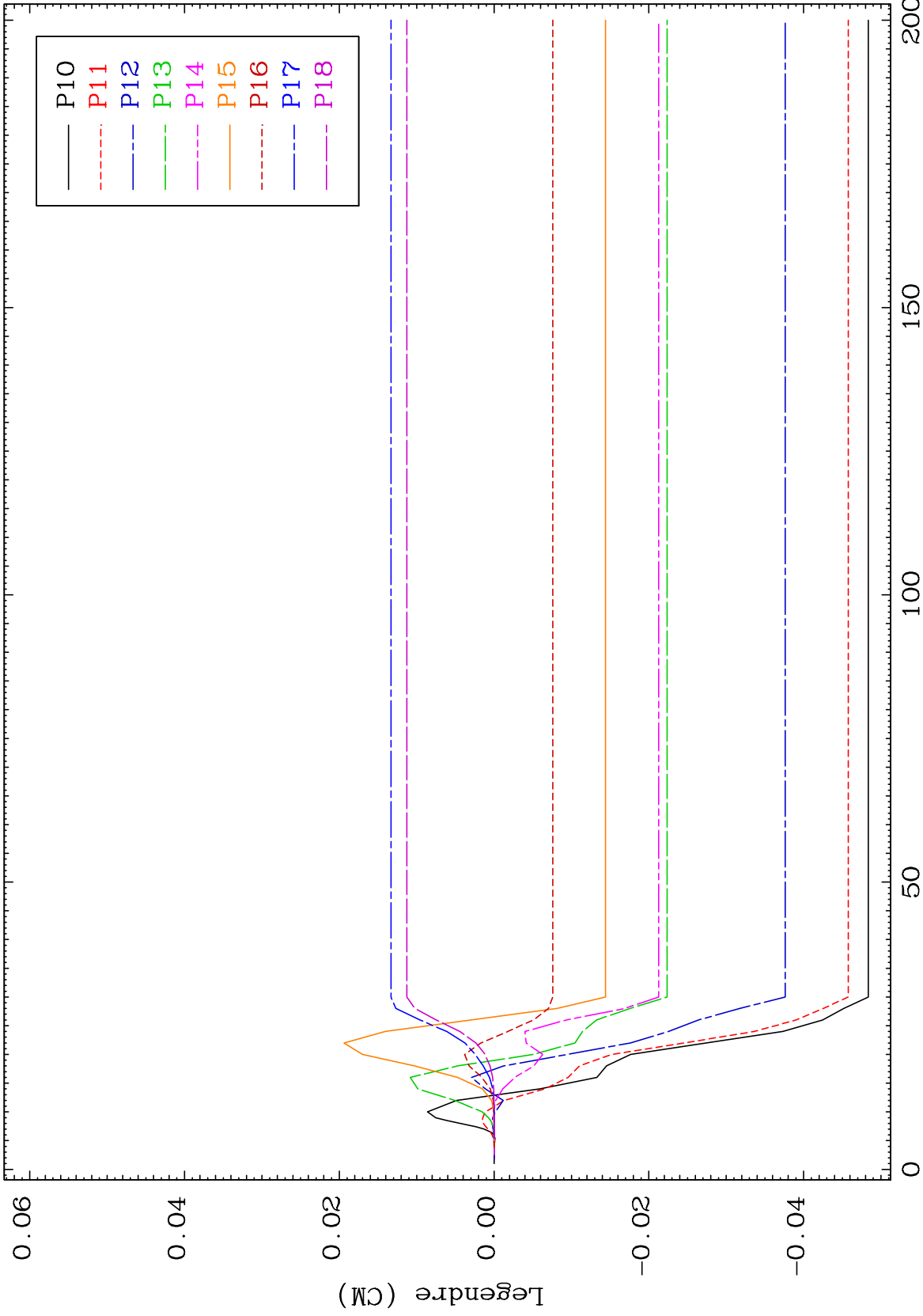
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



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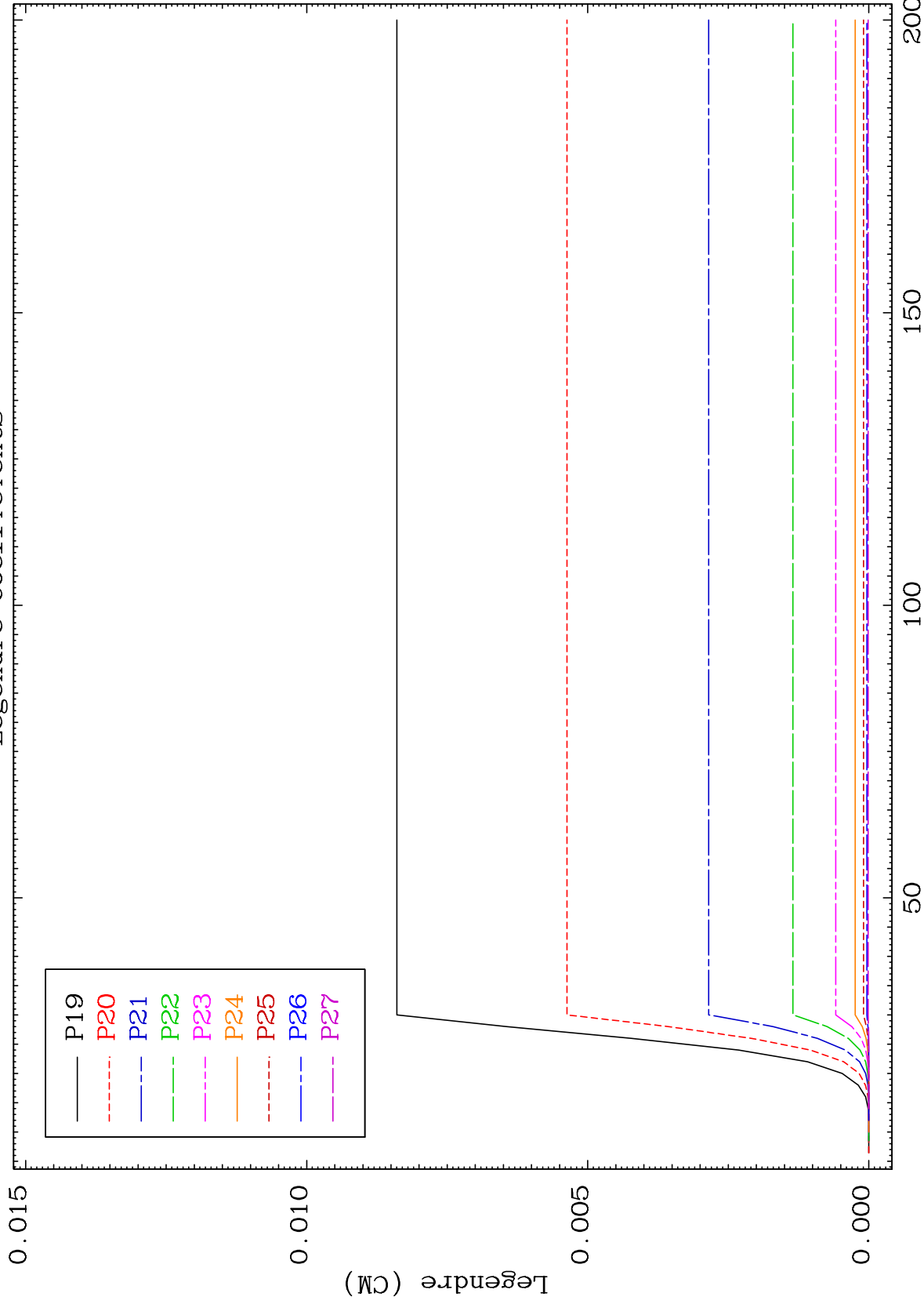
Incident Energy (MeV)

53-I -131

MAT 5337

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

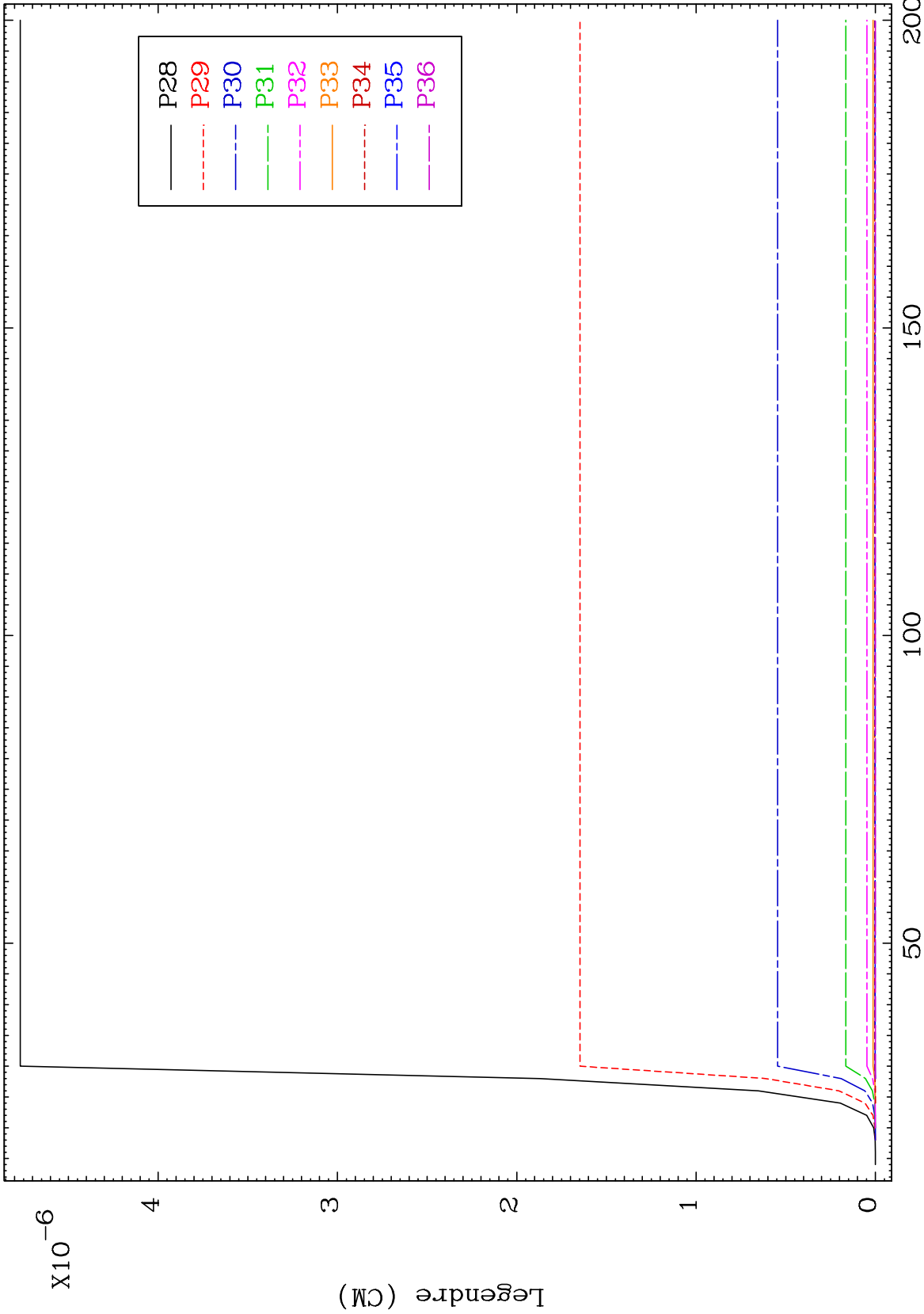
53-I -131



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Incident Energy (MeV)

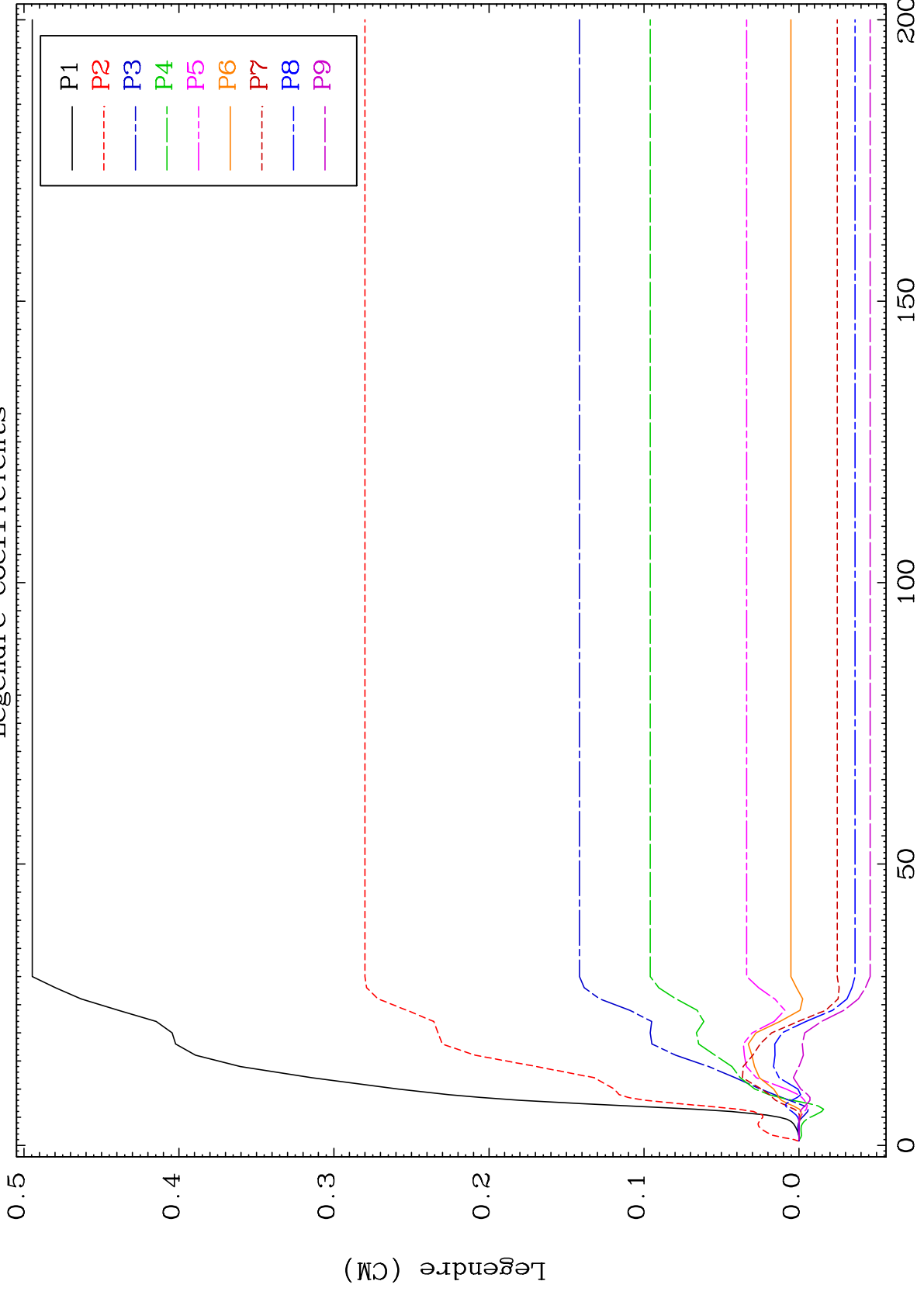
53-I -131



MAT 5337

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

53-I -131



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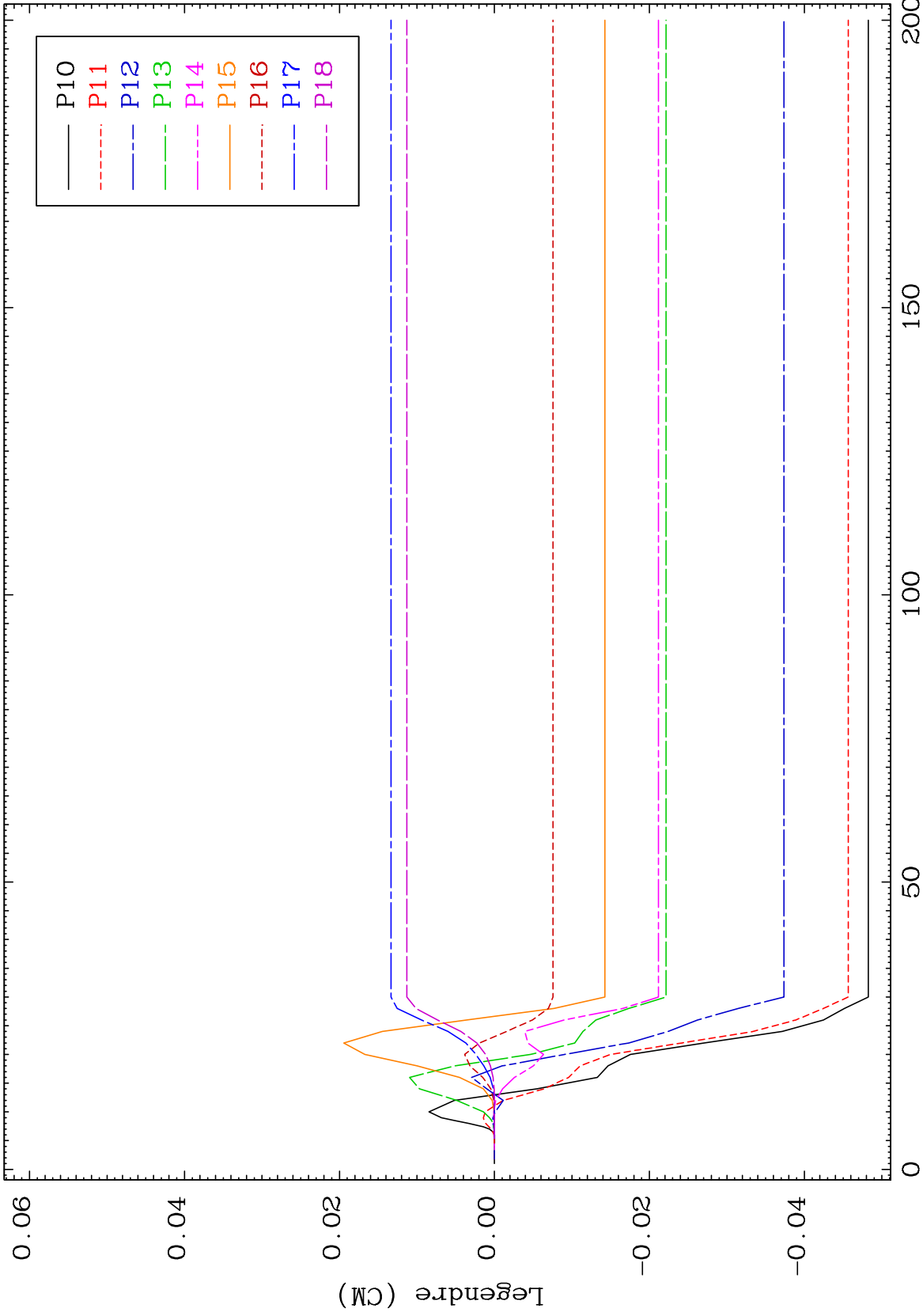
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



33

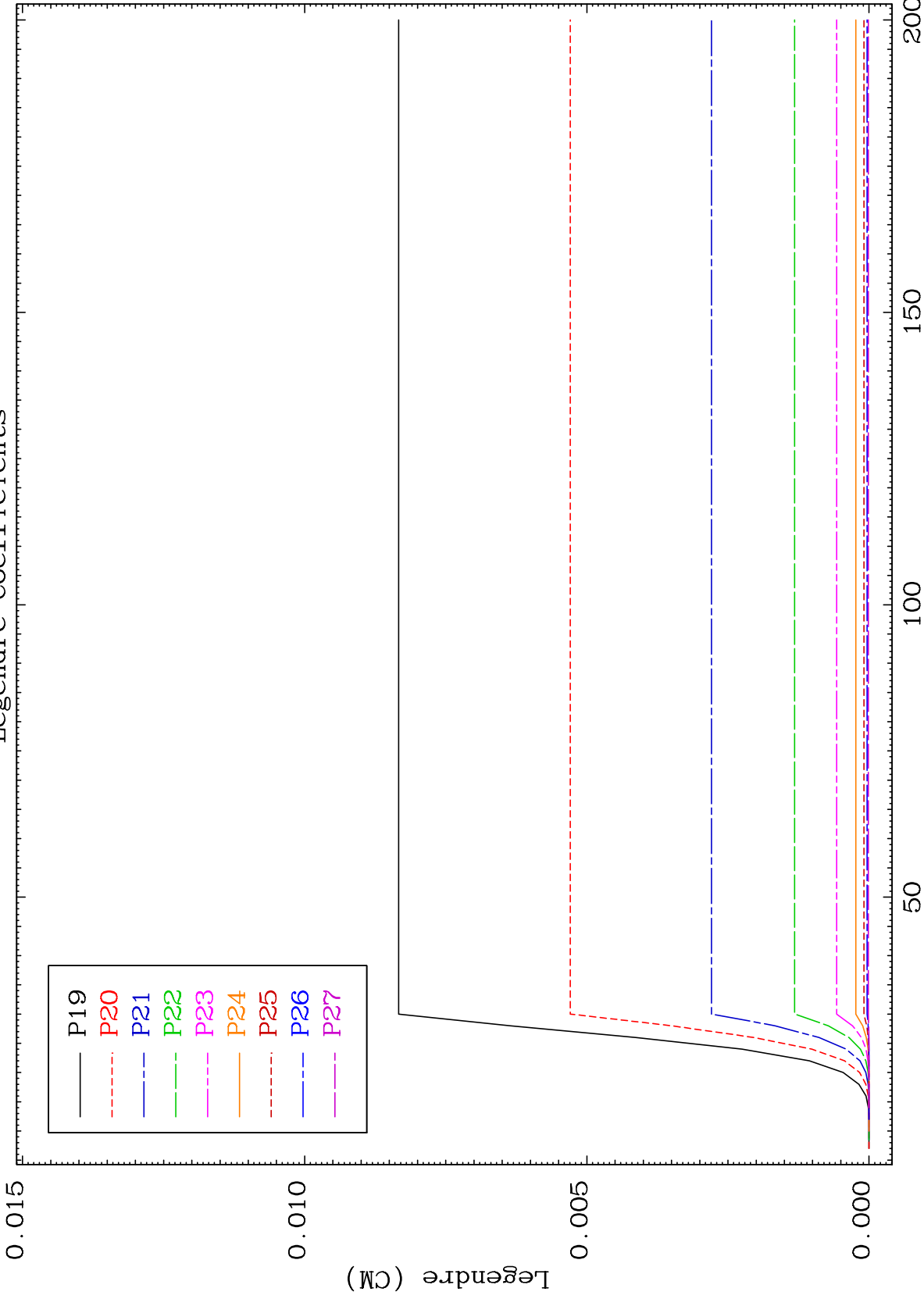
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



34

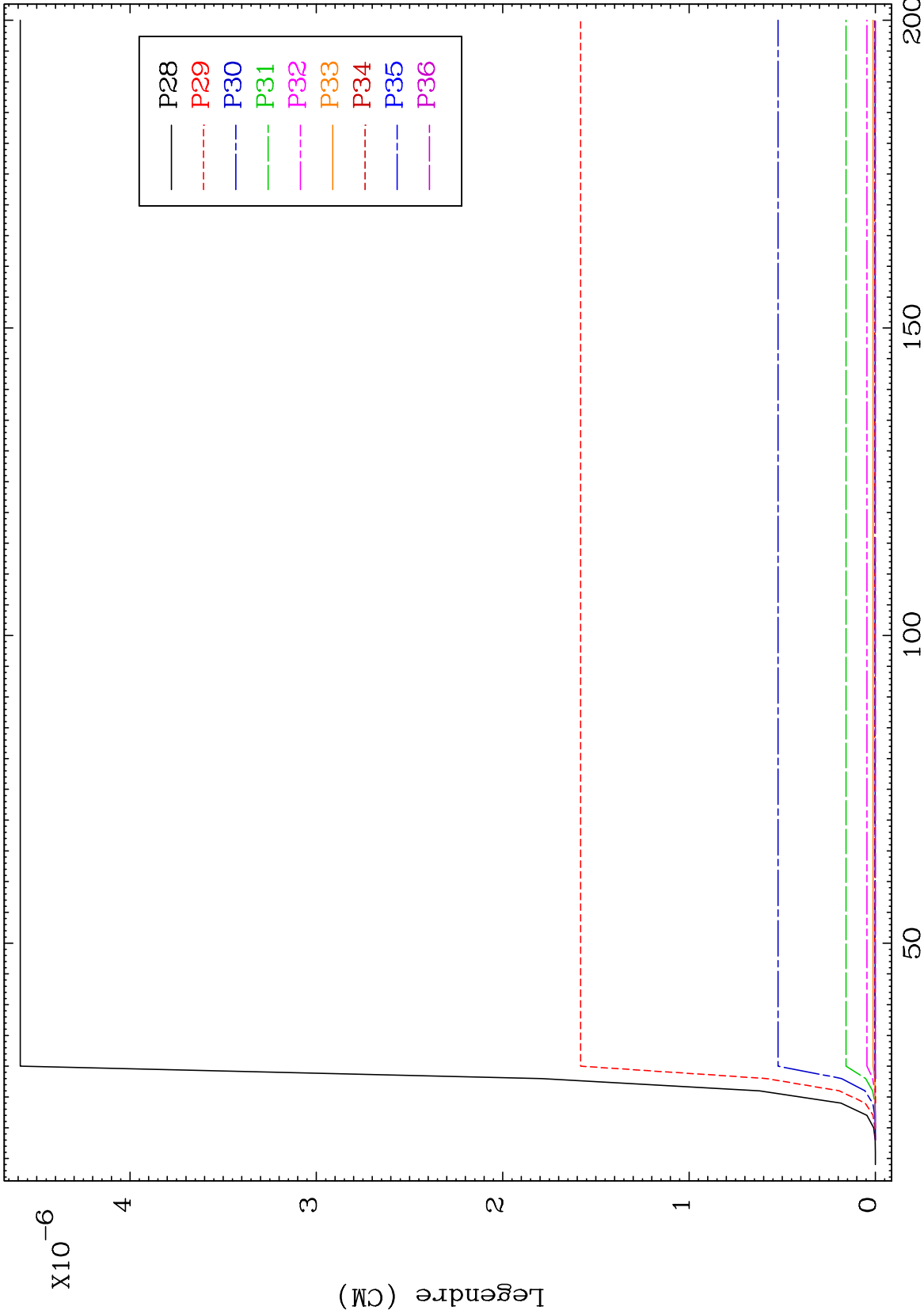
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



35

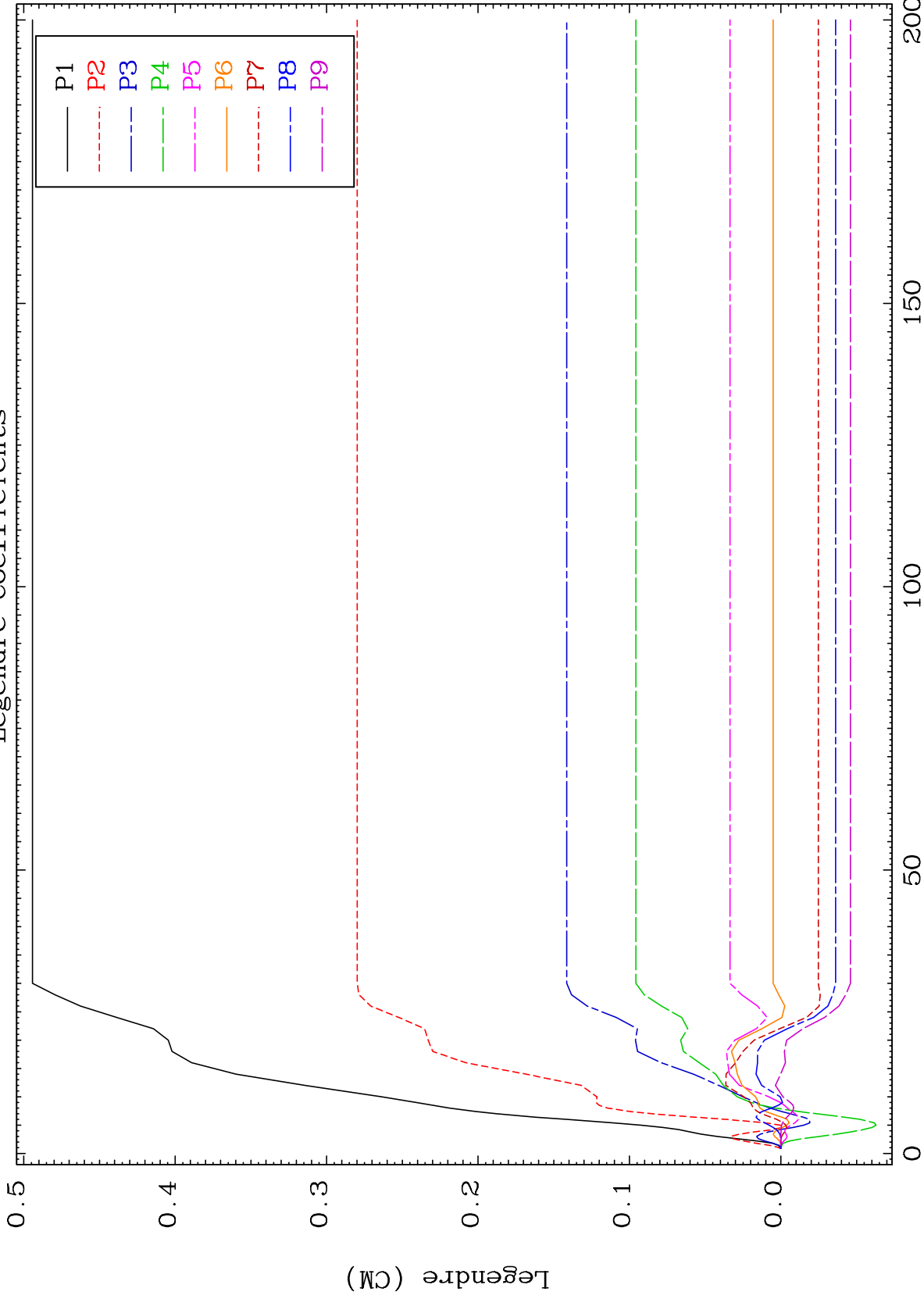
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



36

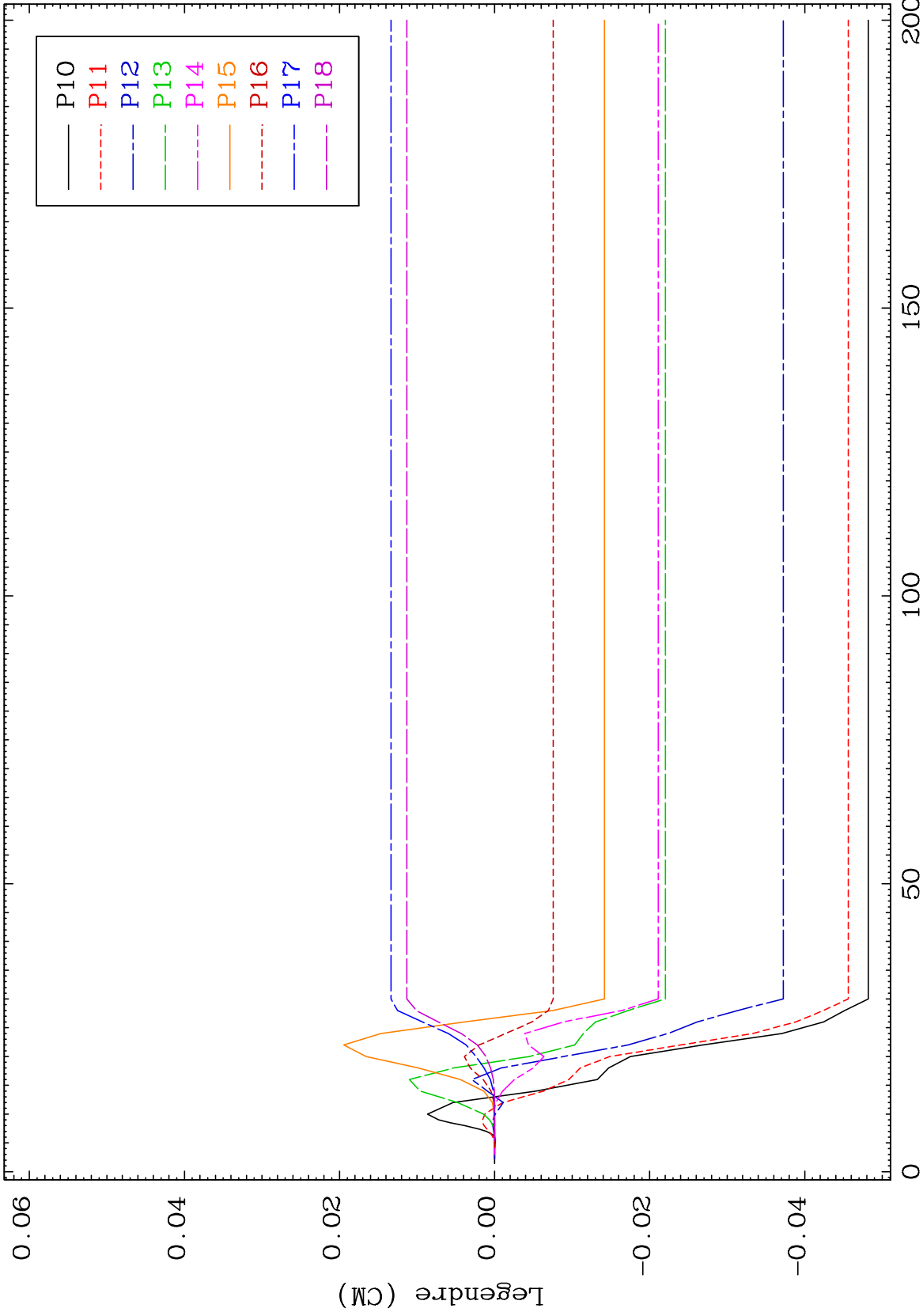
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



37

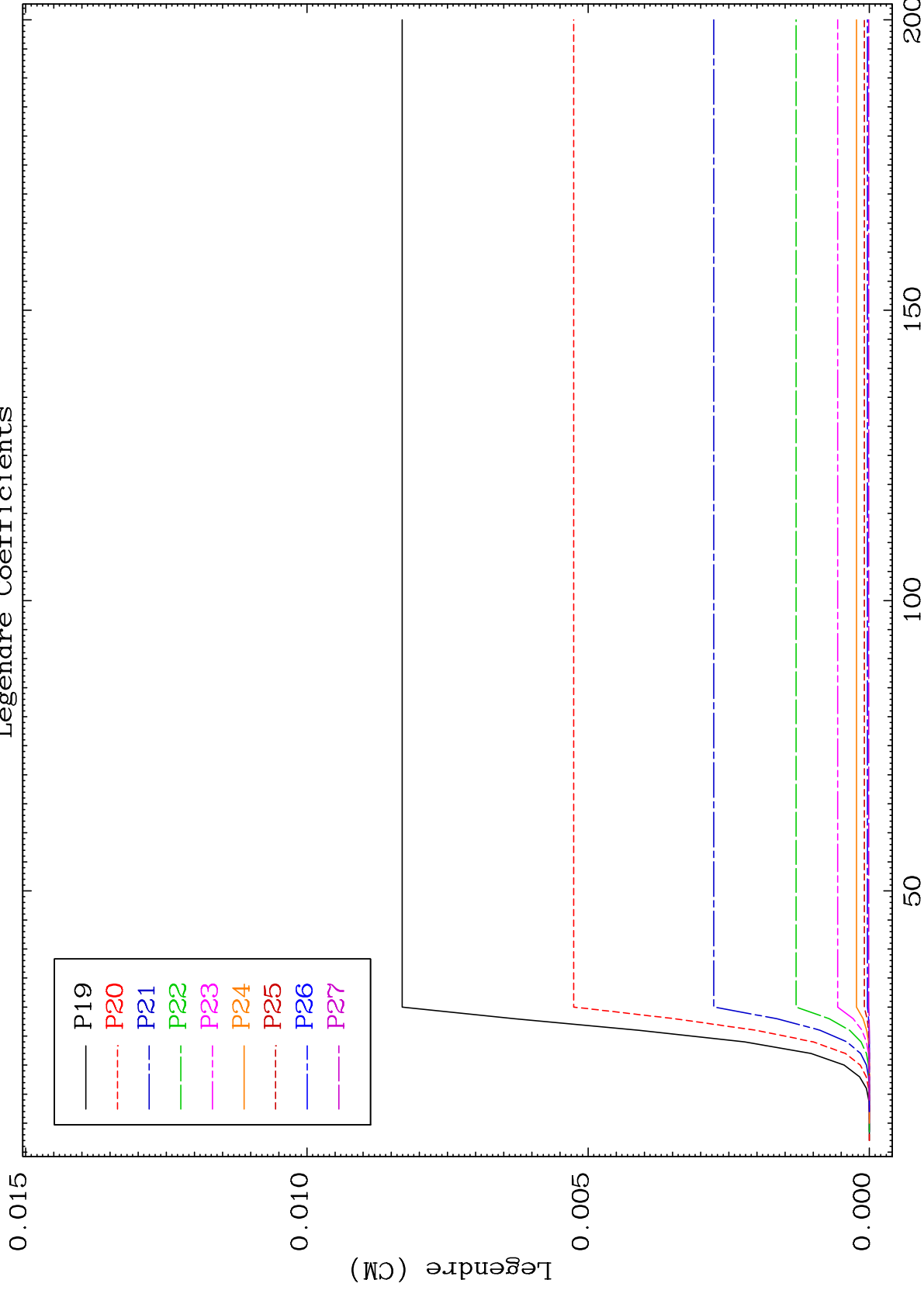
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



38

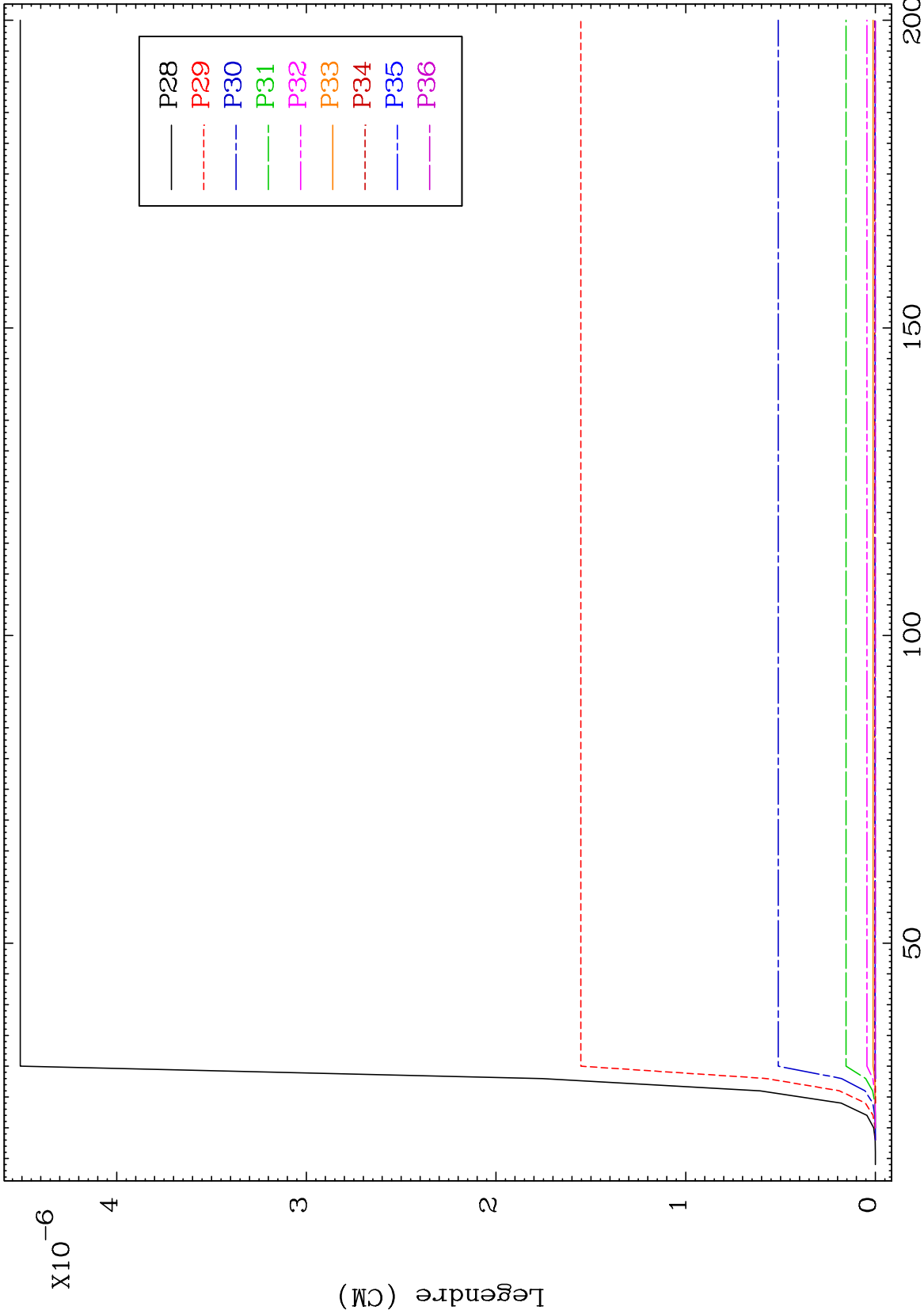
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



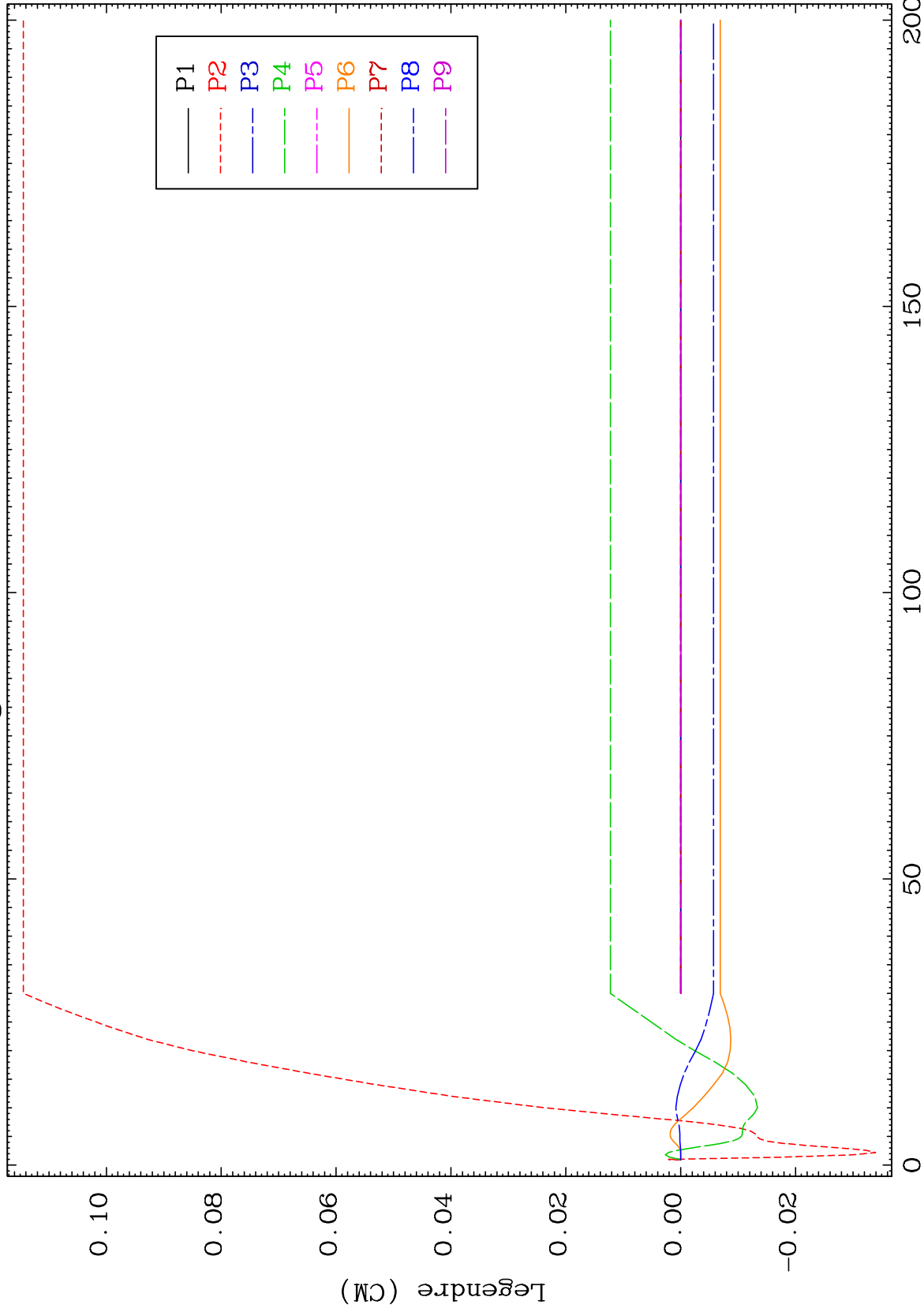
39

53-I -131

MAT 5337

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

53-I -131



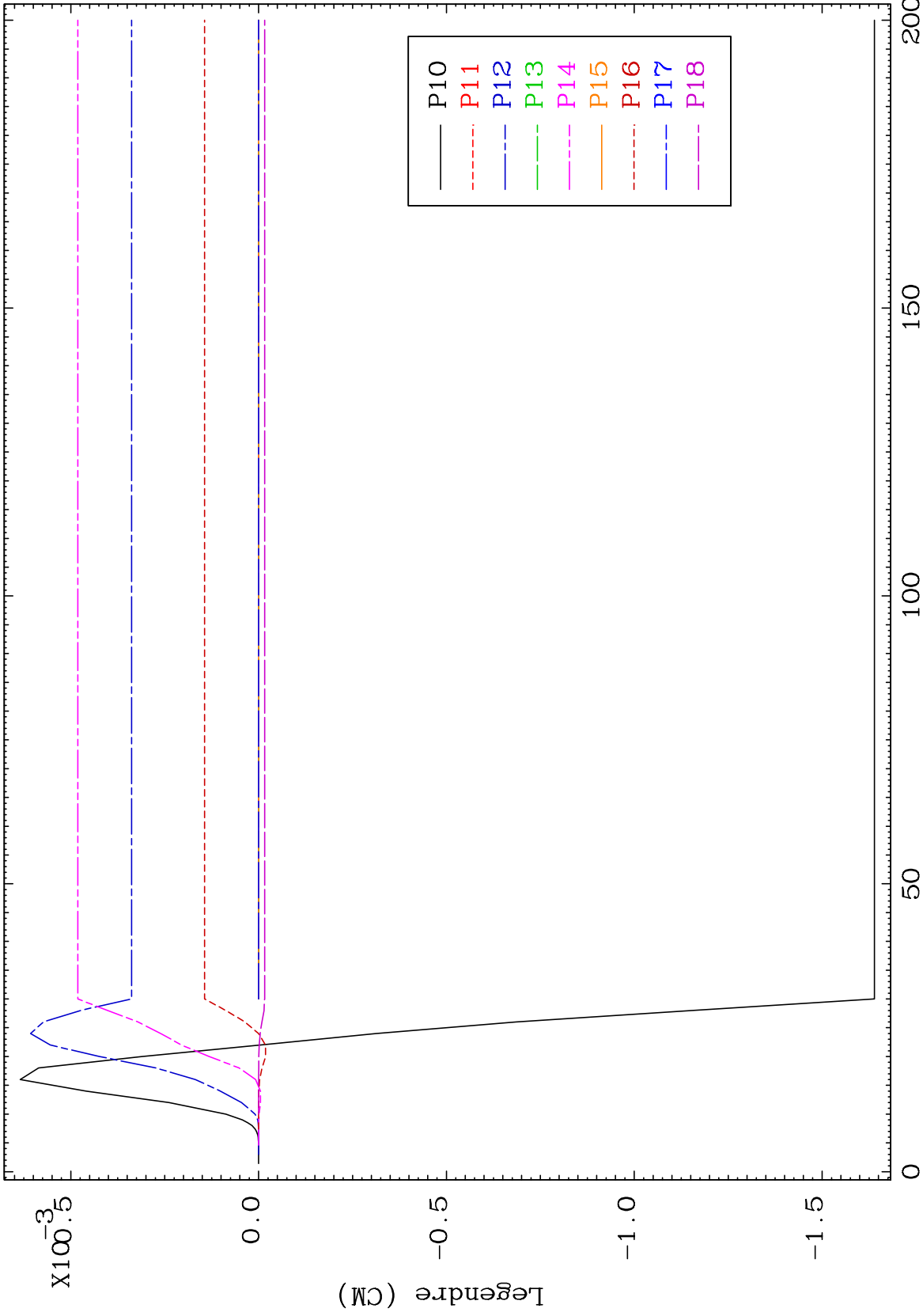
53-I -131

Incident Energy (MeV)

MAT 5337

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

53-I -131



41

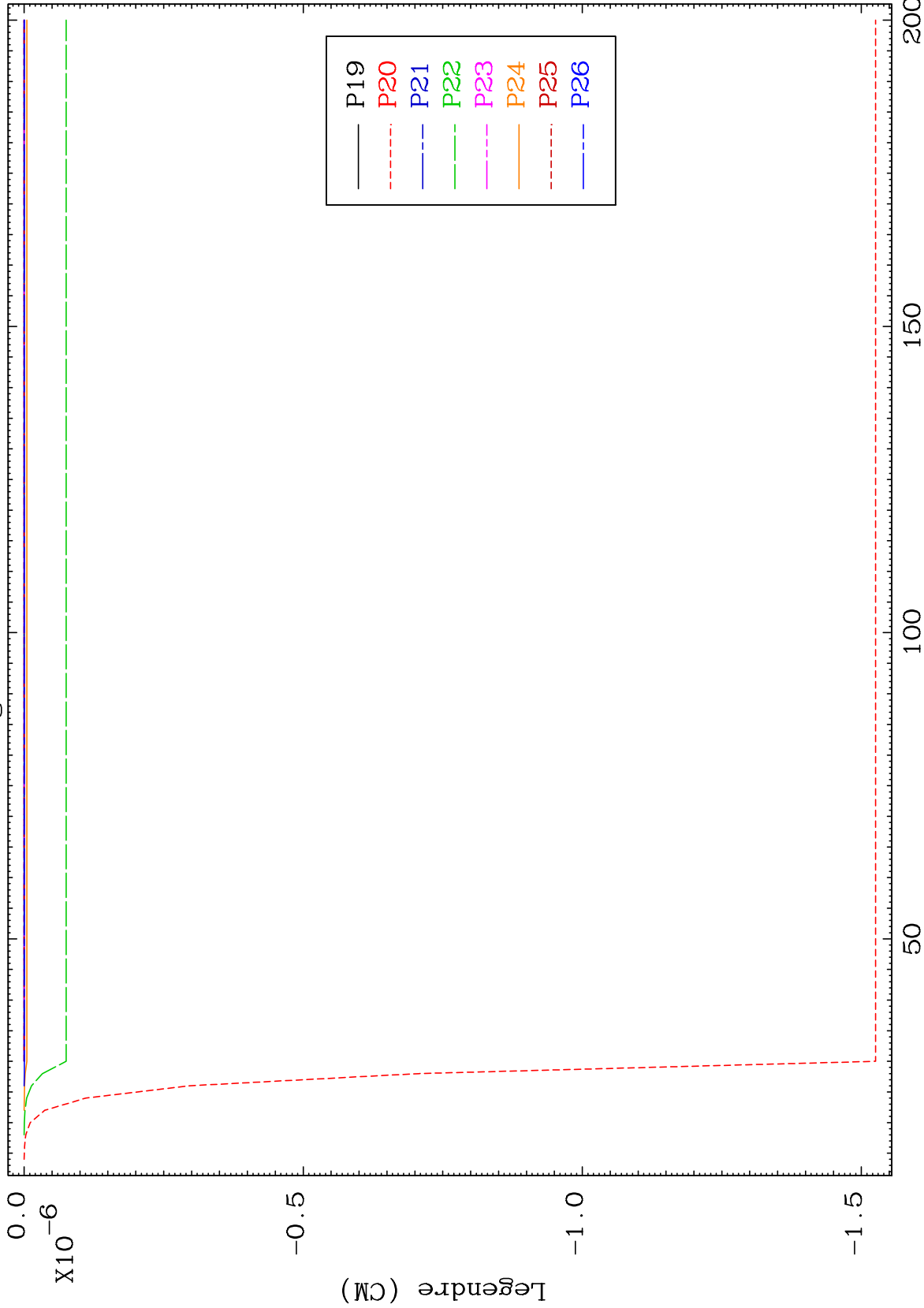
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



42

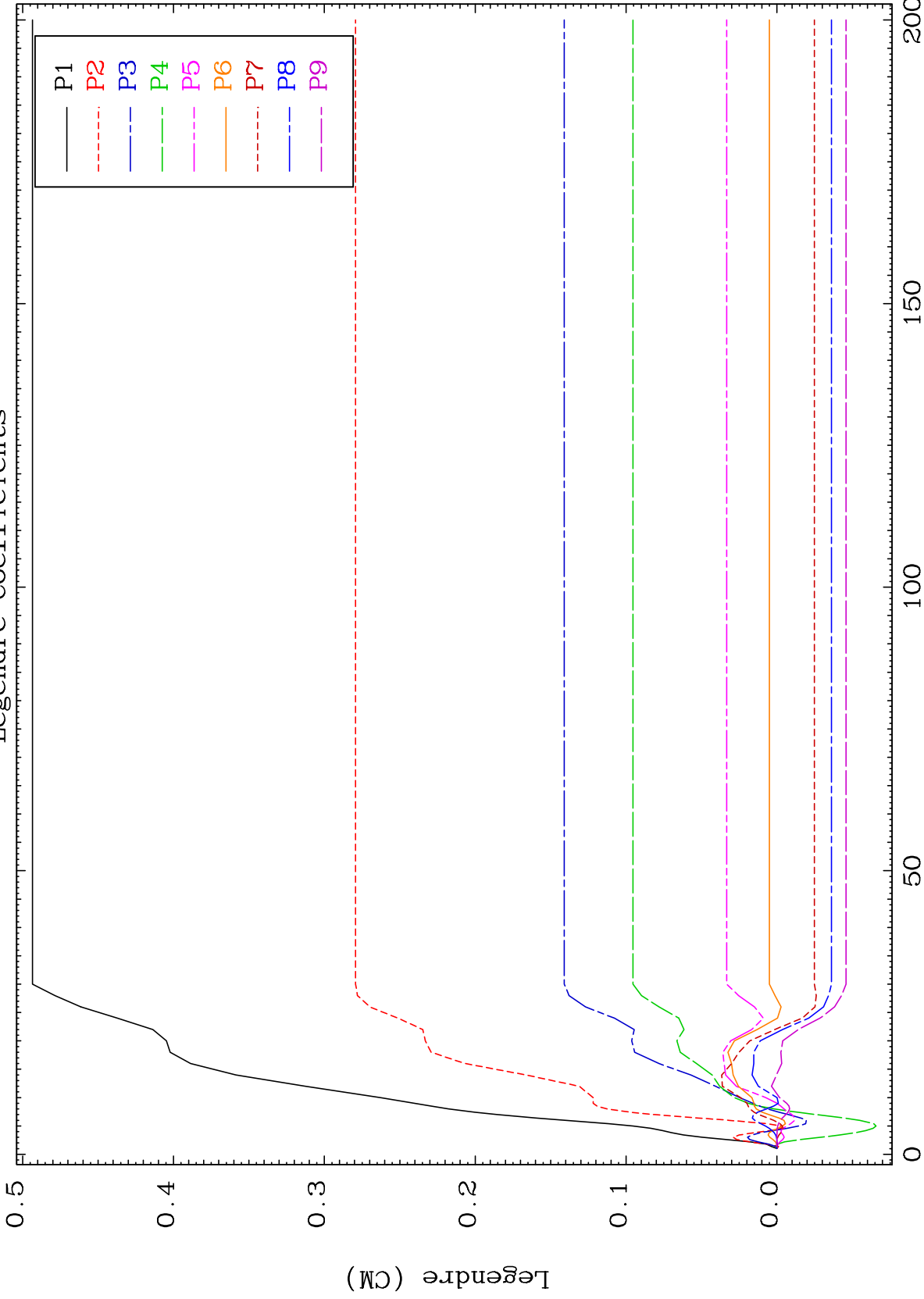
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



43

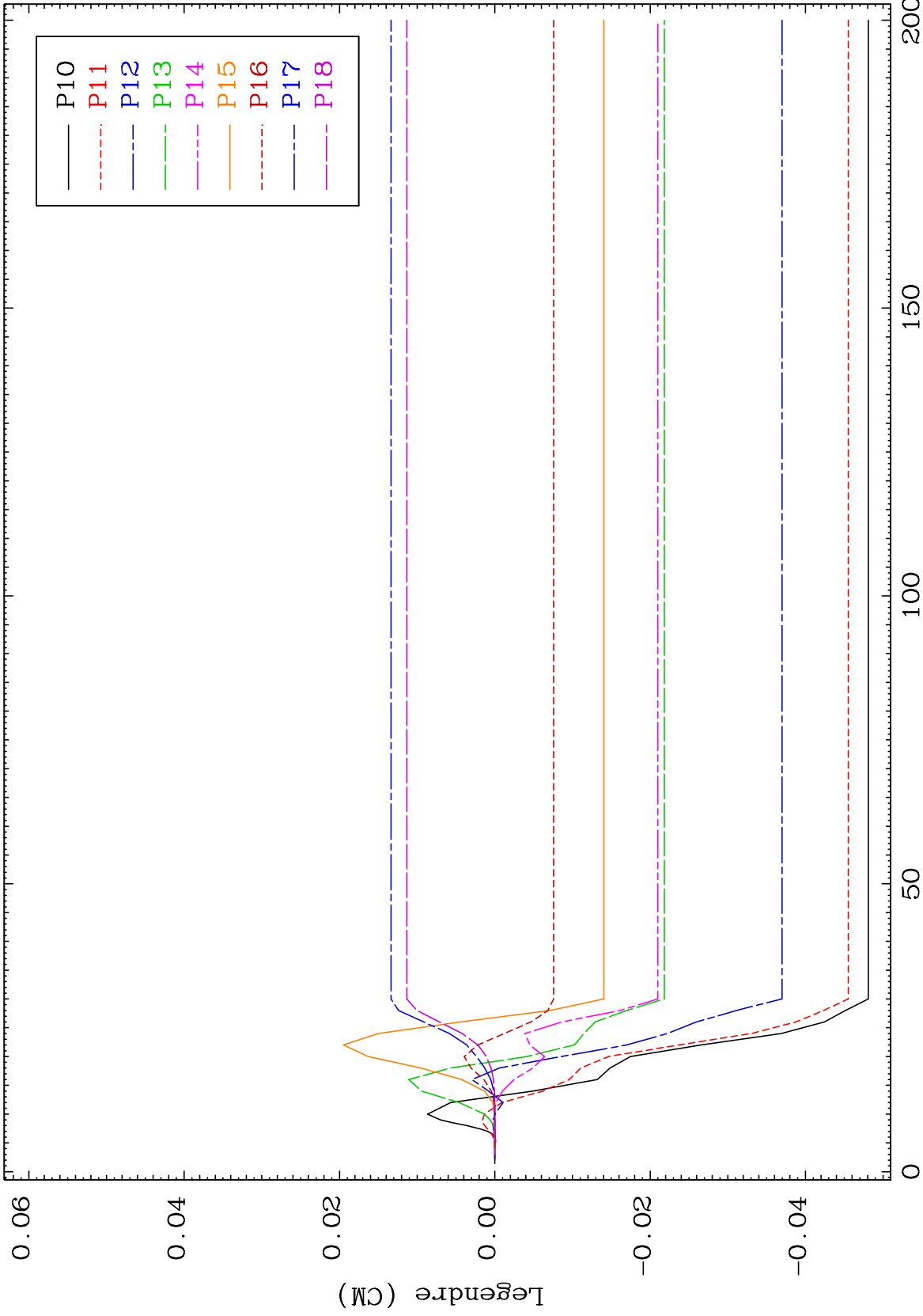
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



44

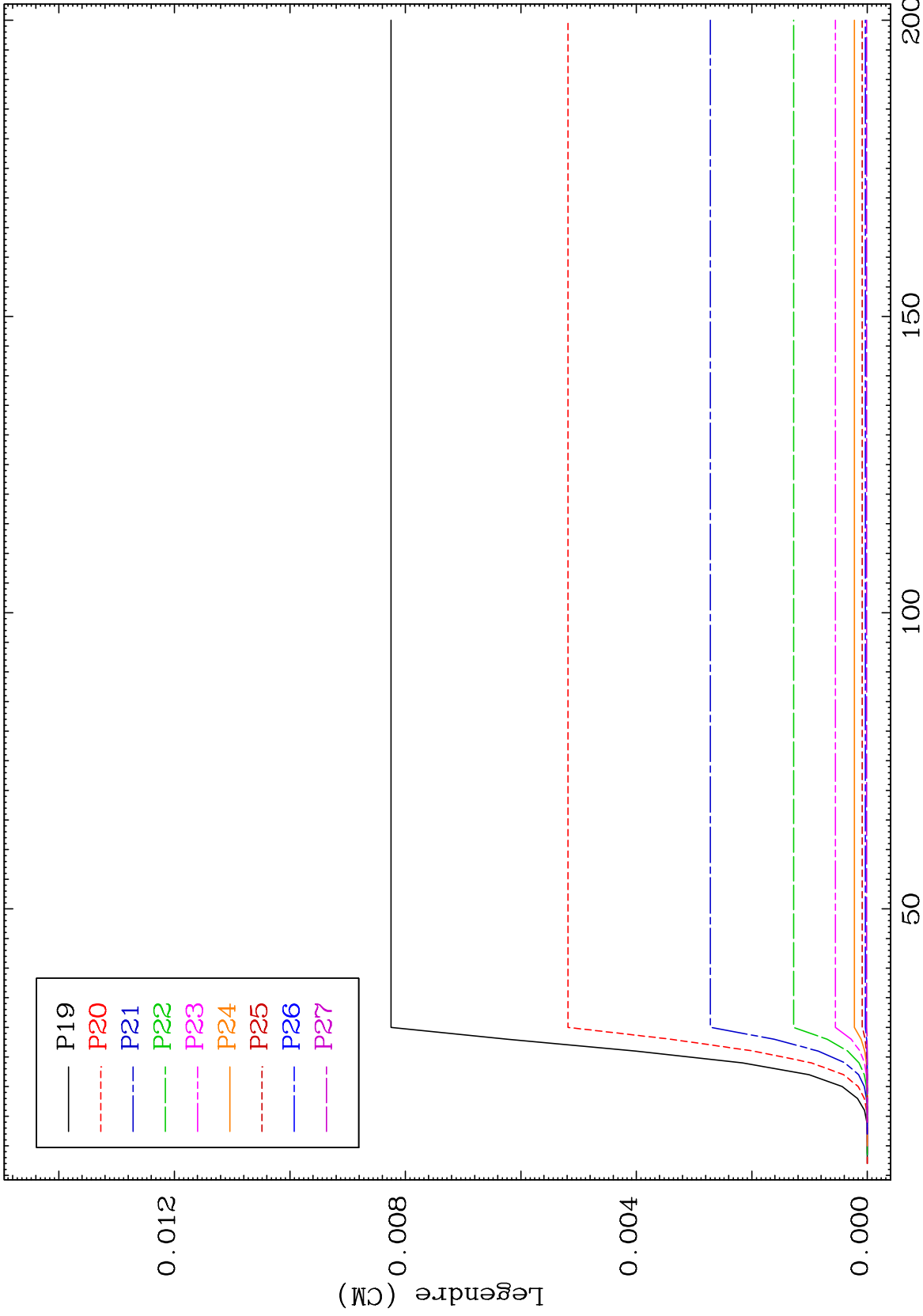
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



45

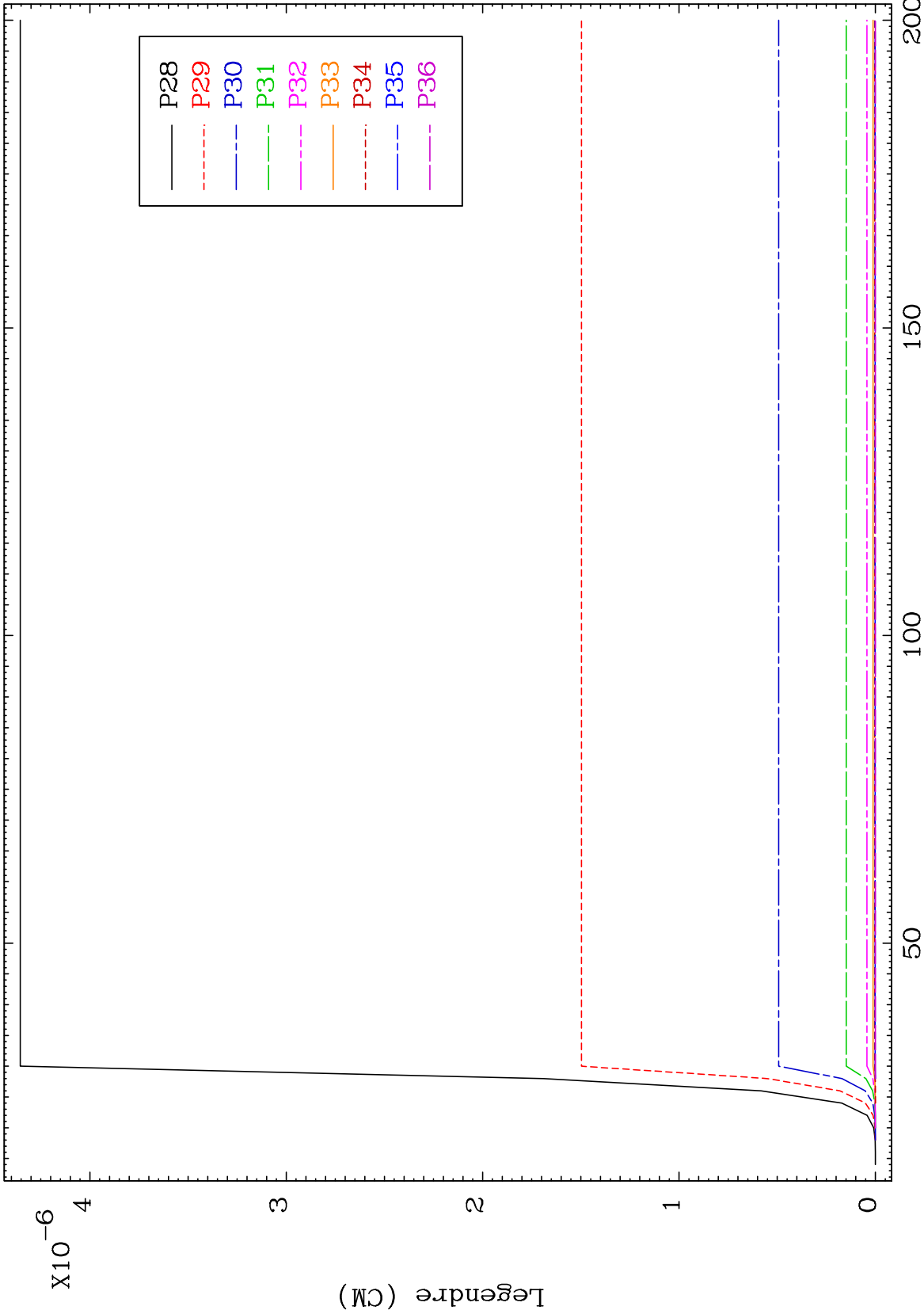
Incident Energy (MeV)

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MAT 5337

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

53-I -131



46

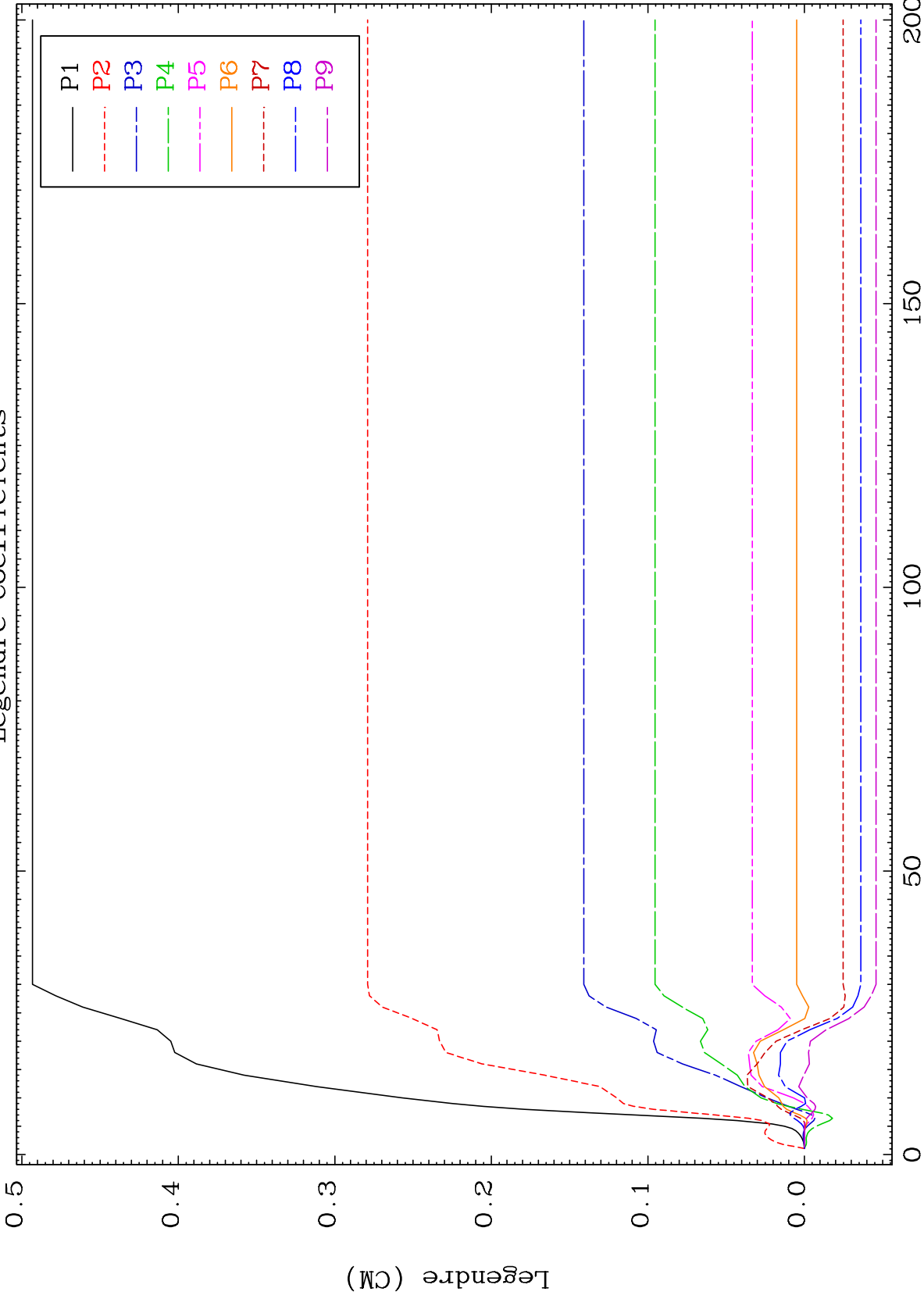
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



47

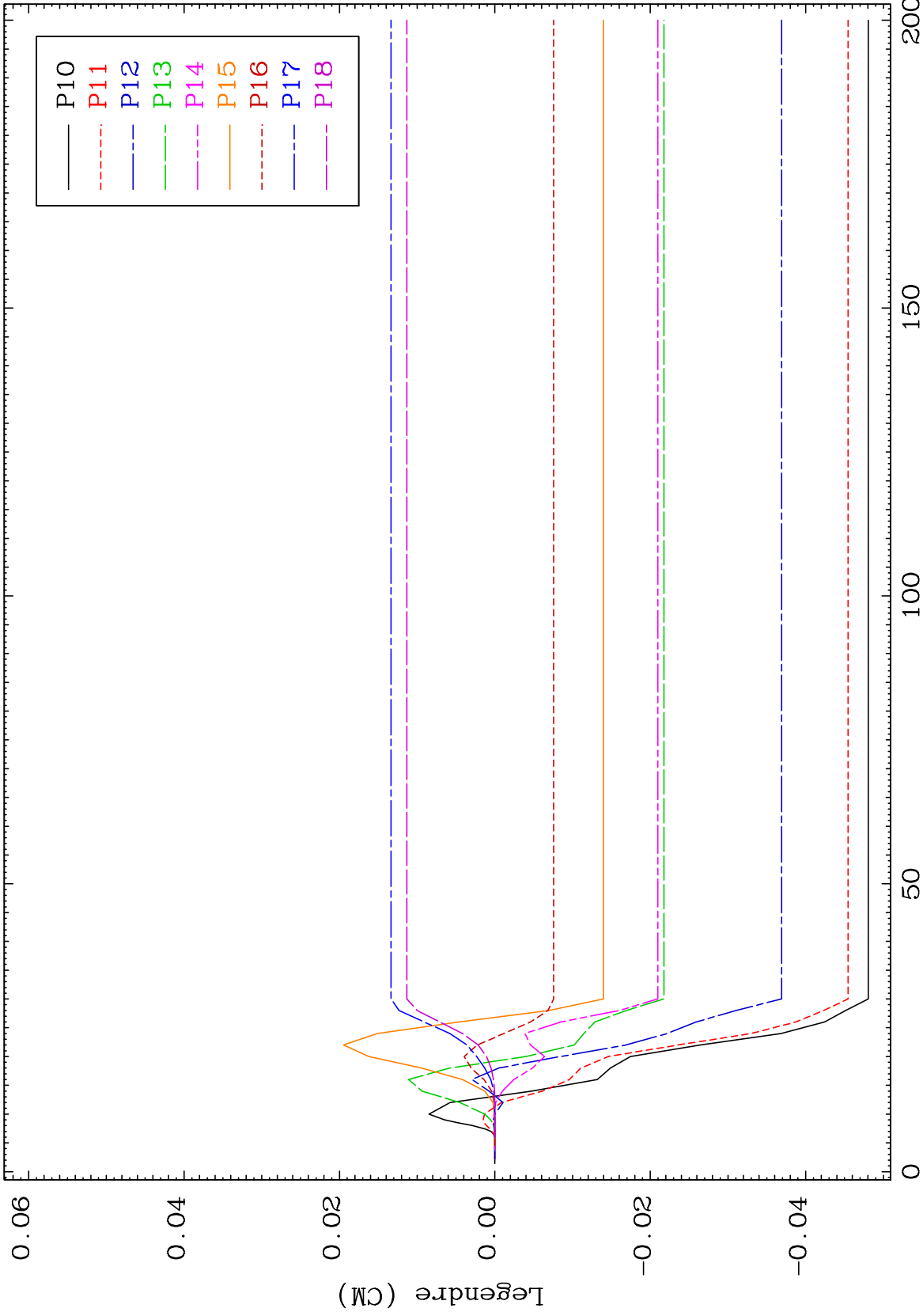
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



48

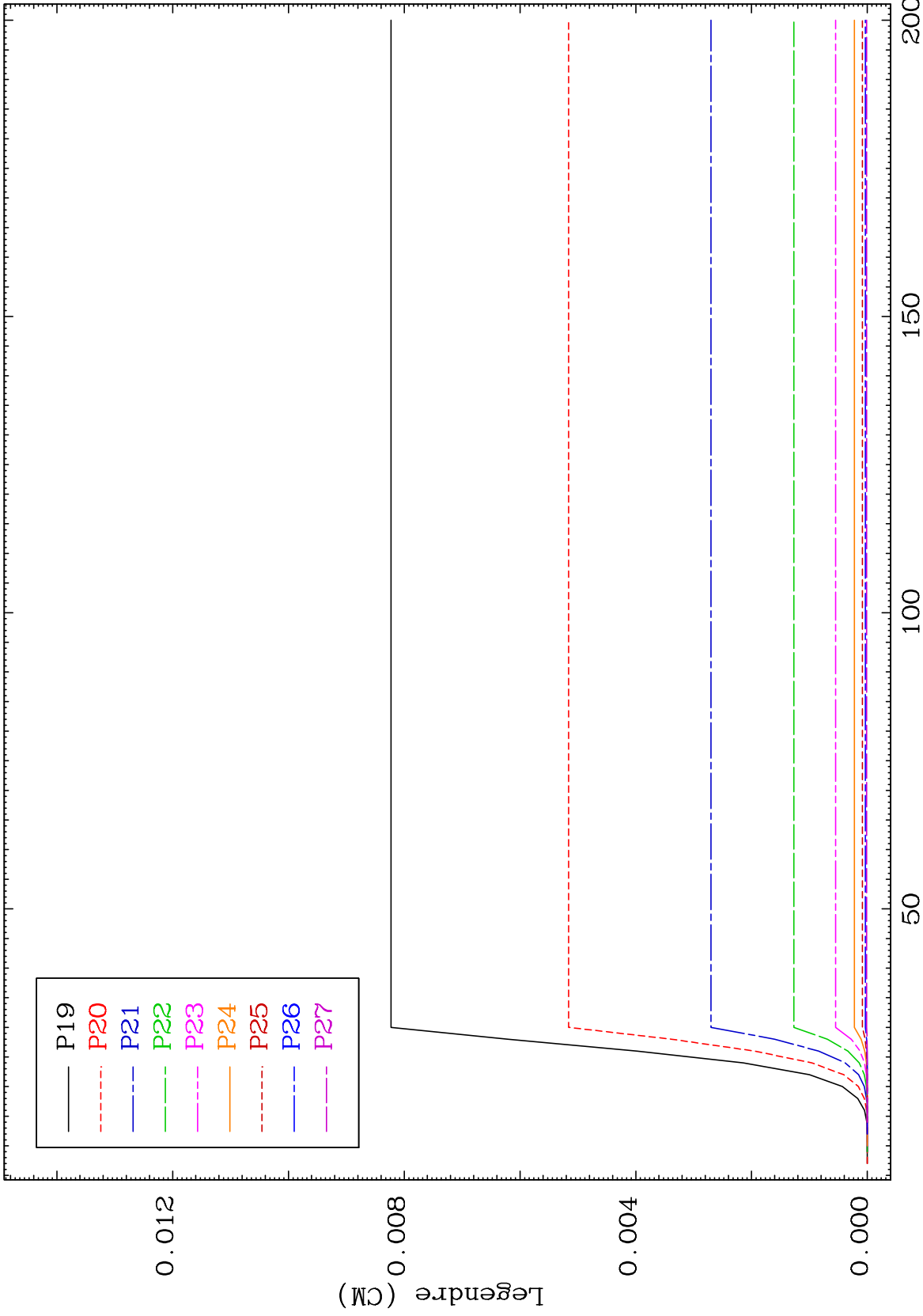
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



49

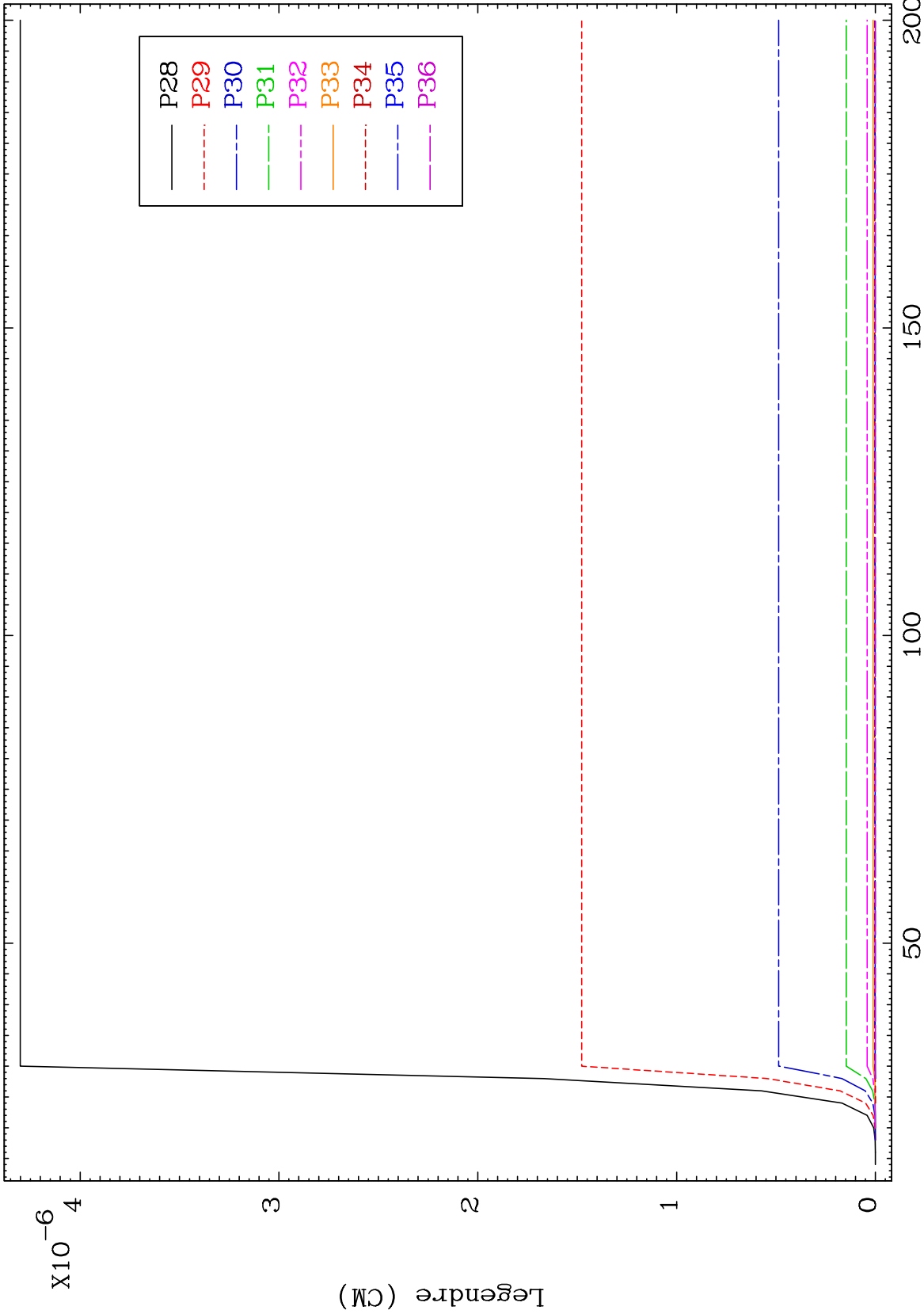
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



50

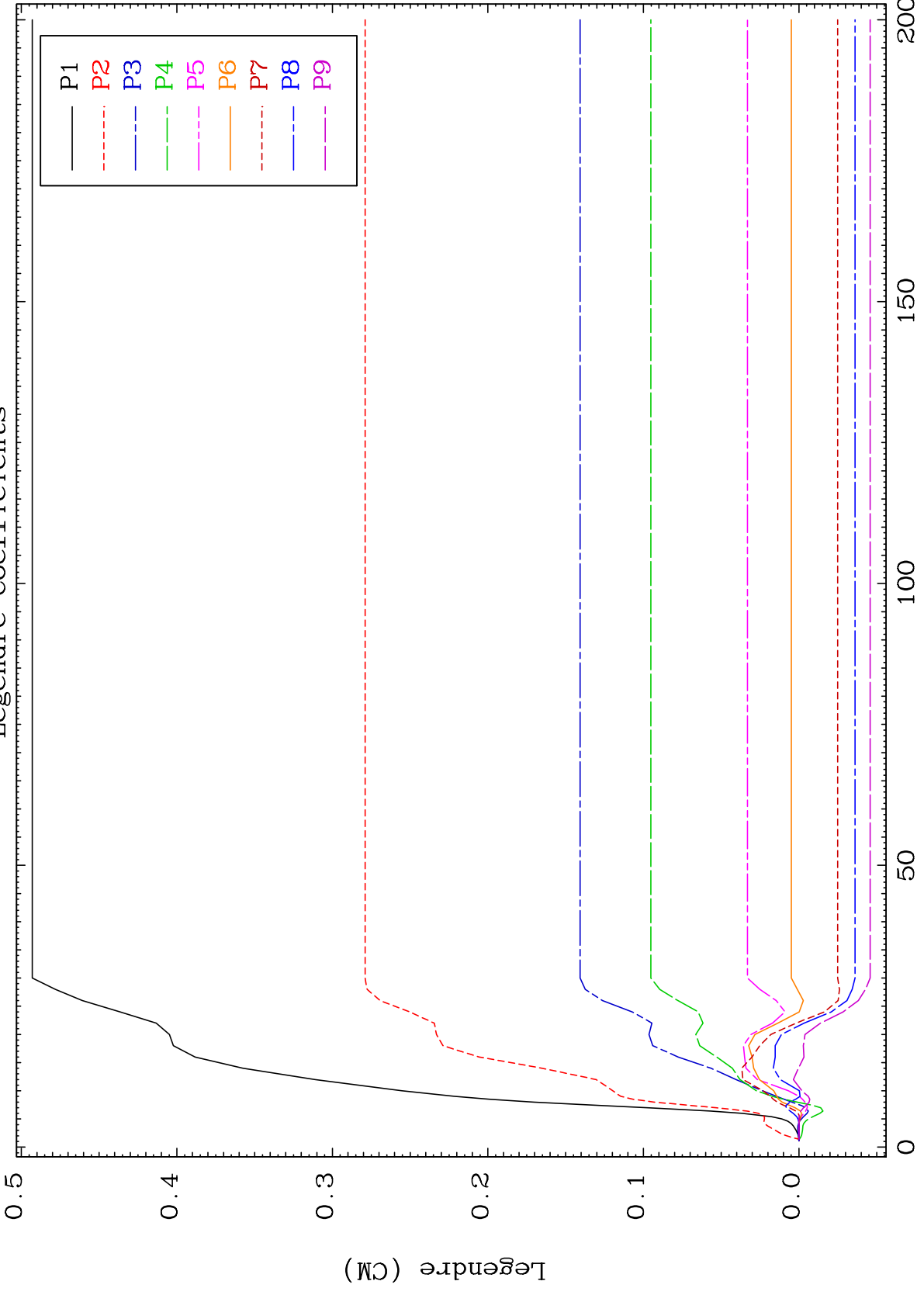
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



51

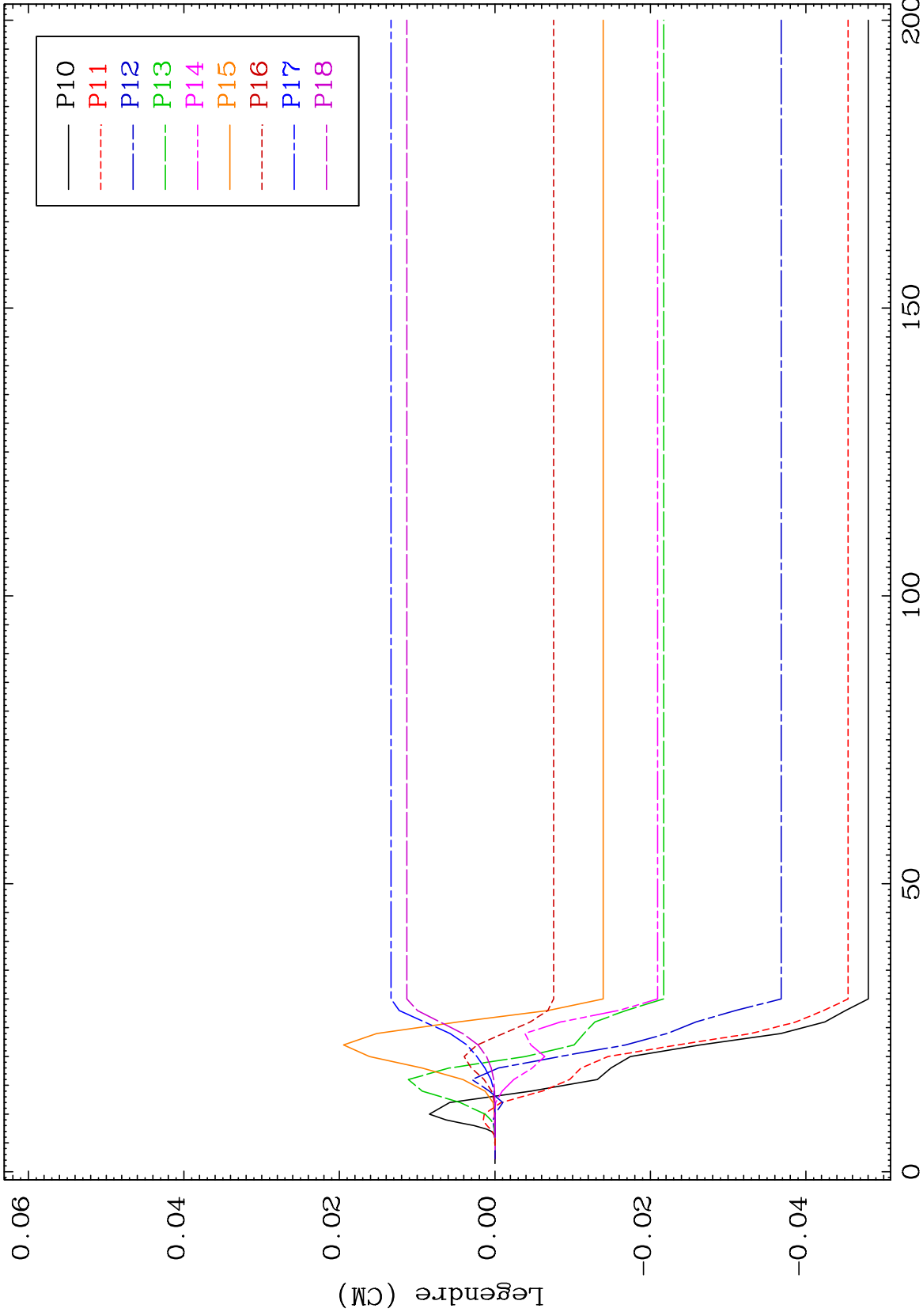
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



52

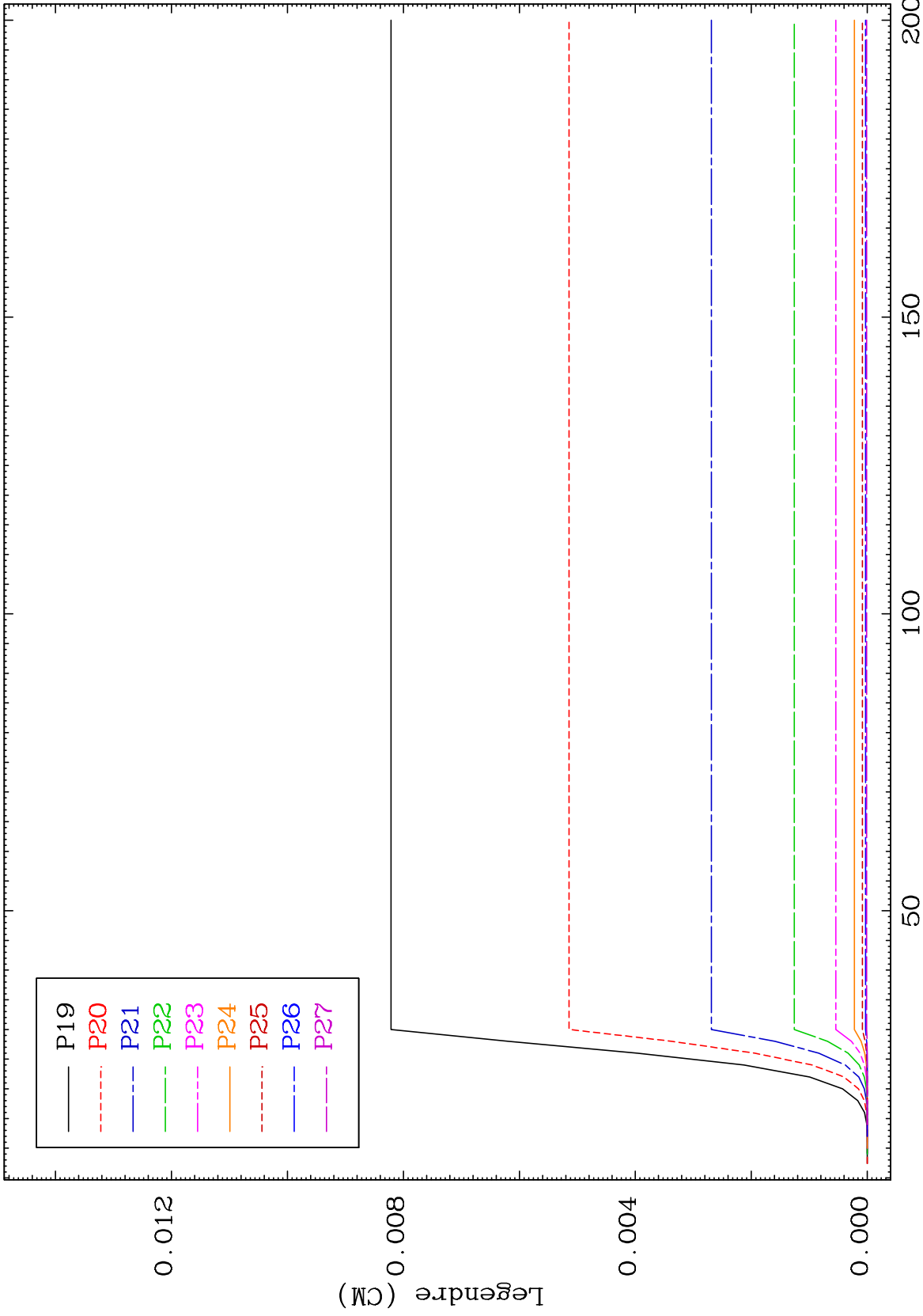
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



53

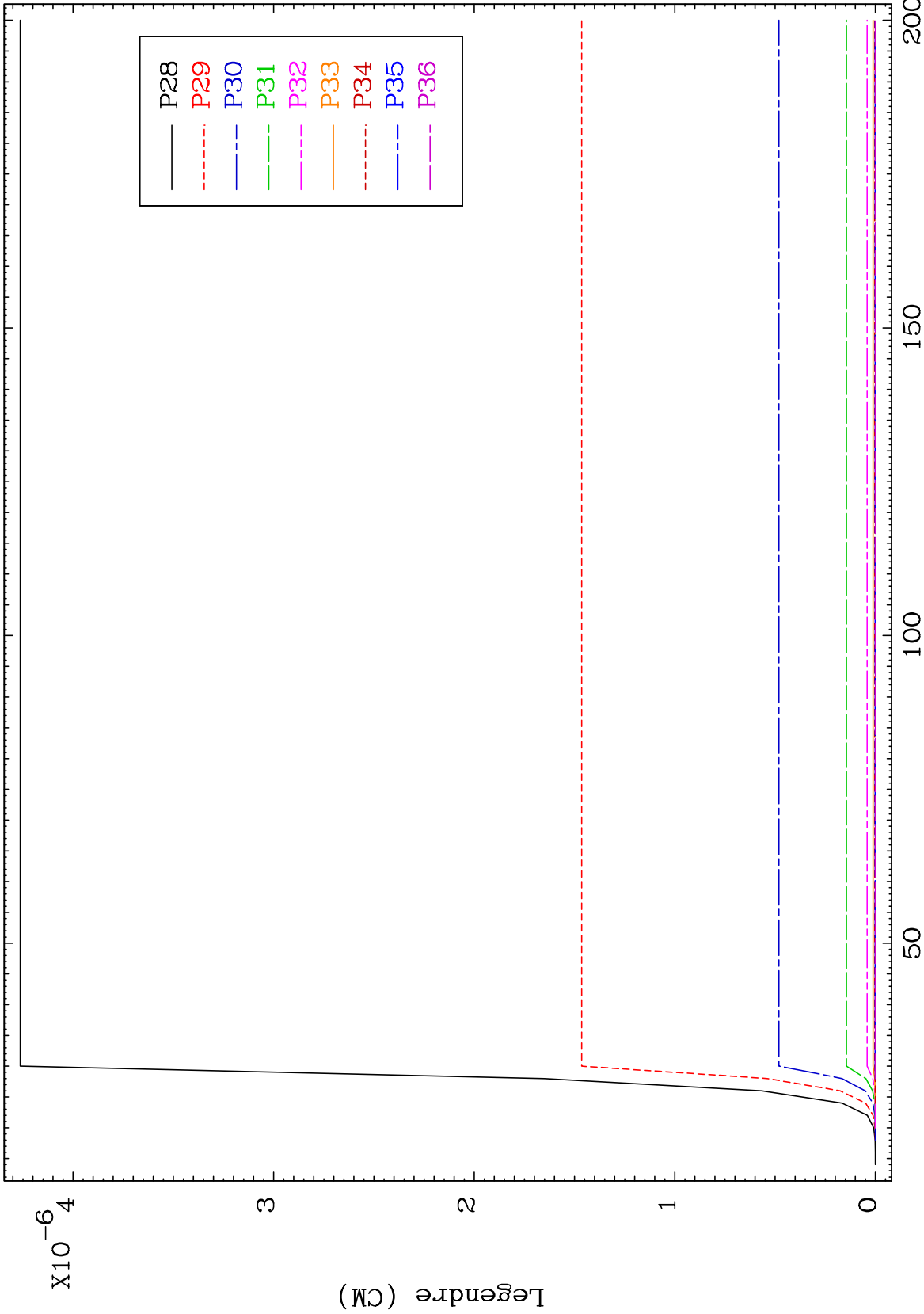
Incident Energy (MeV)

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MAT 5337

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

53-I -131



54

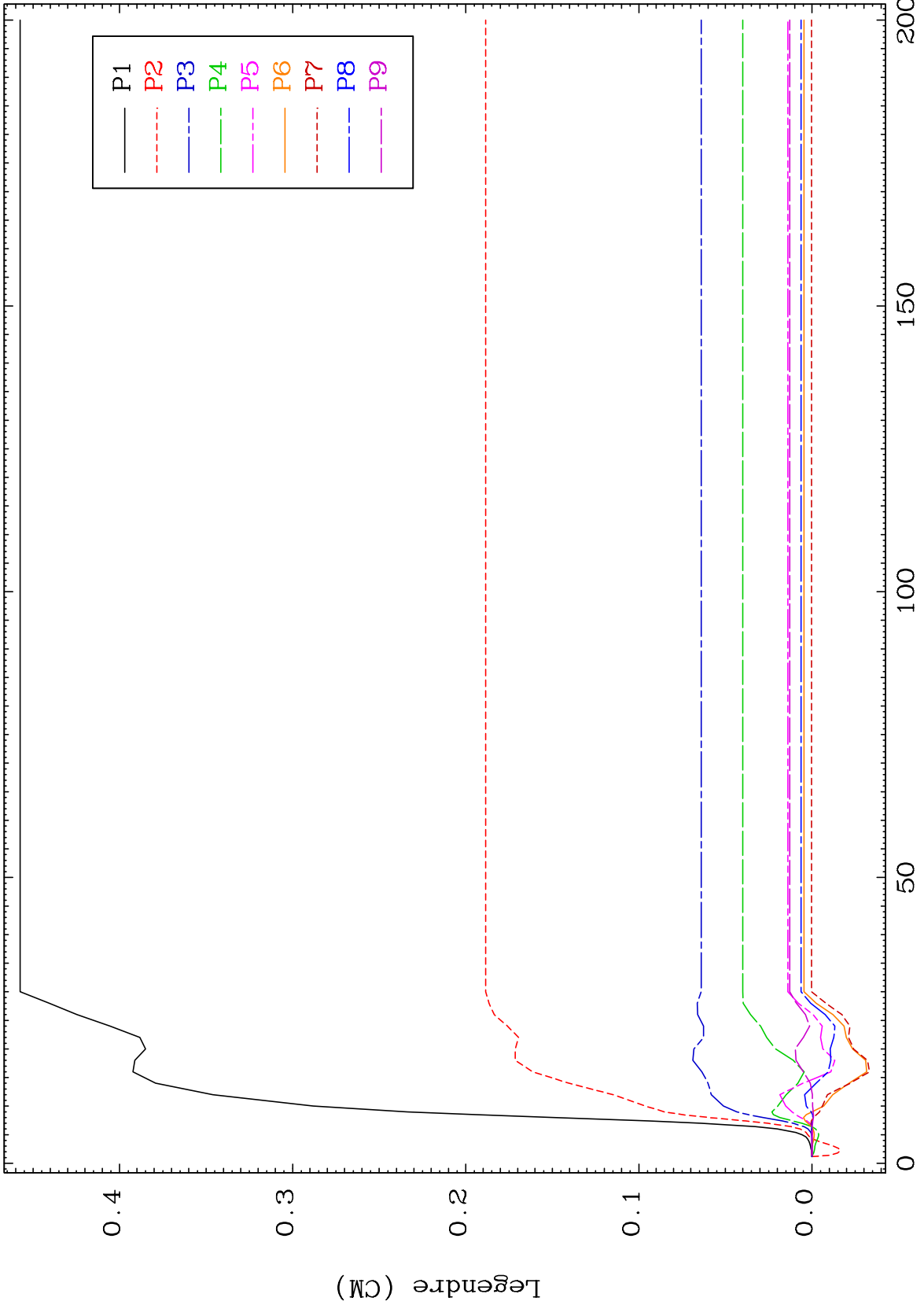
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



55

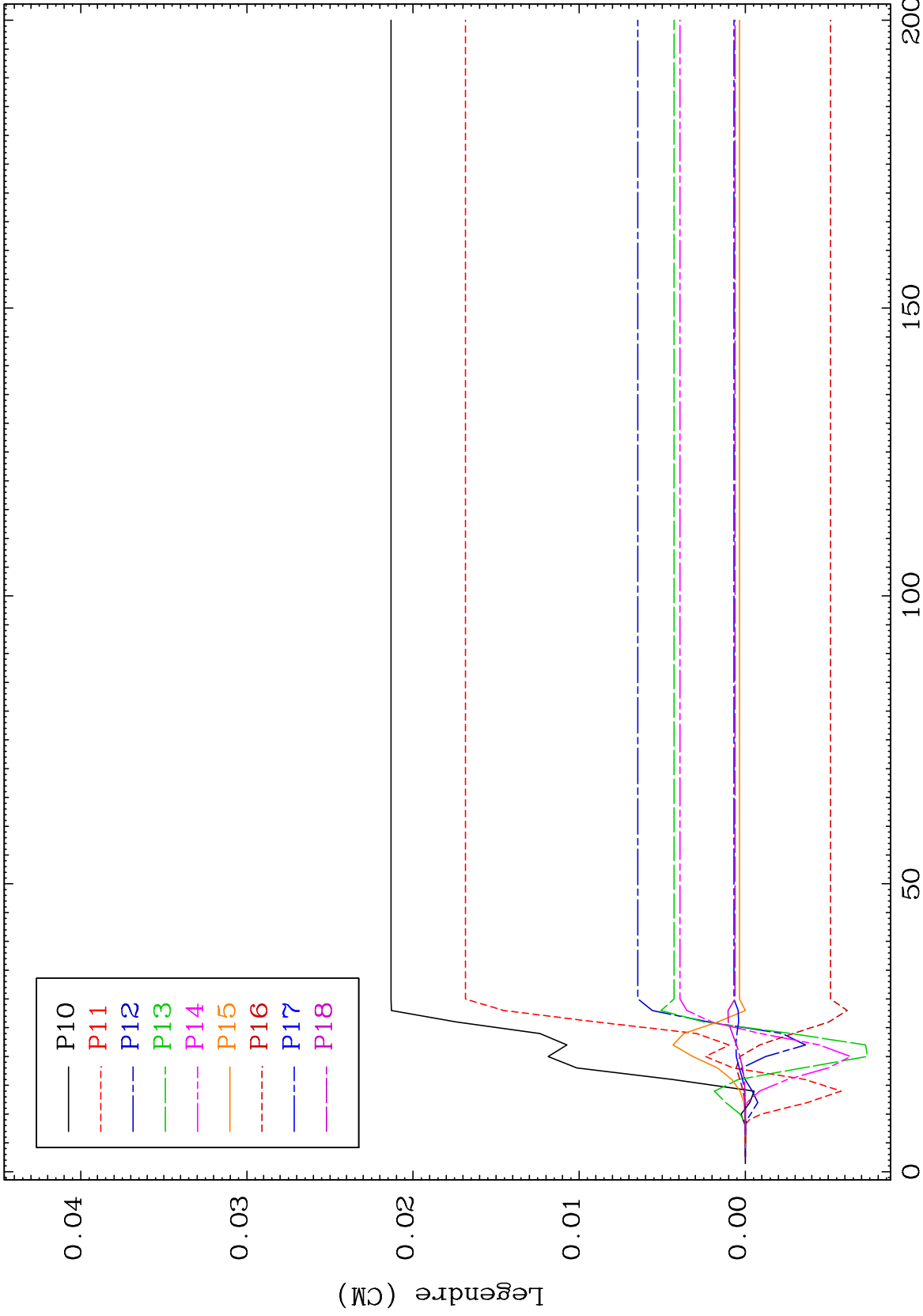
Incident Energy (MeV)

53-I -131

MAT 5337

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

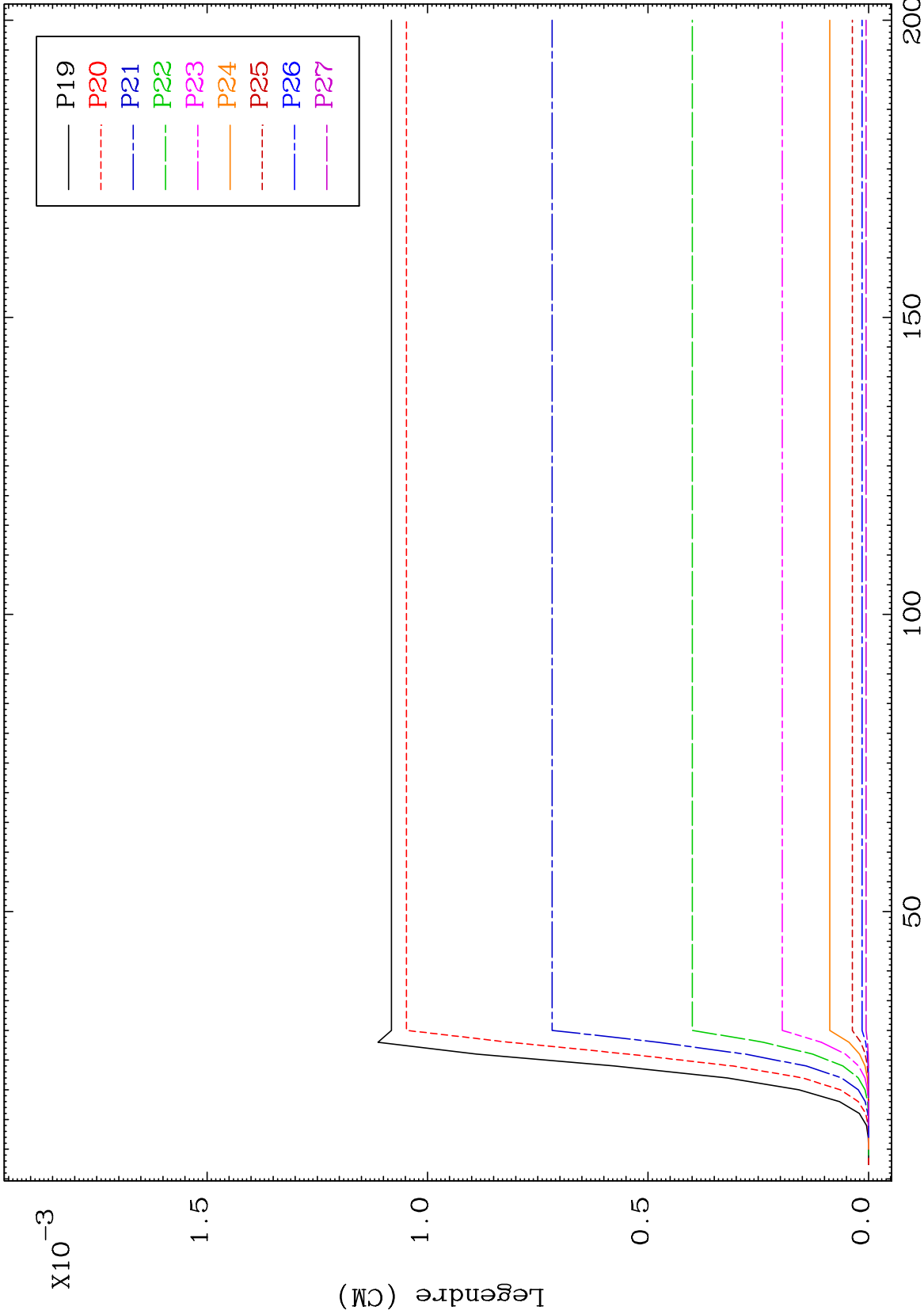
53-I -131



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Incident Energy (MeV)

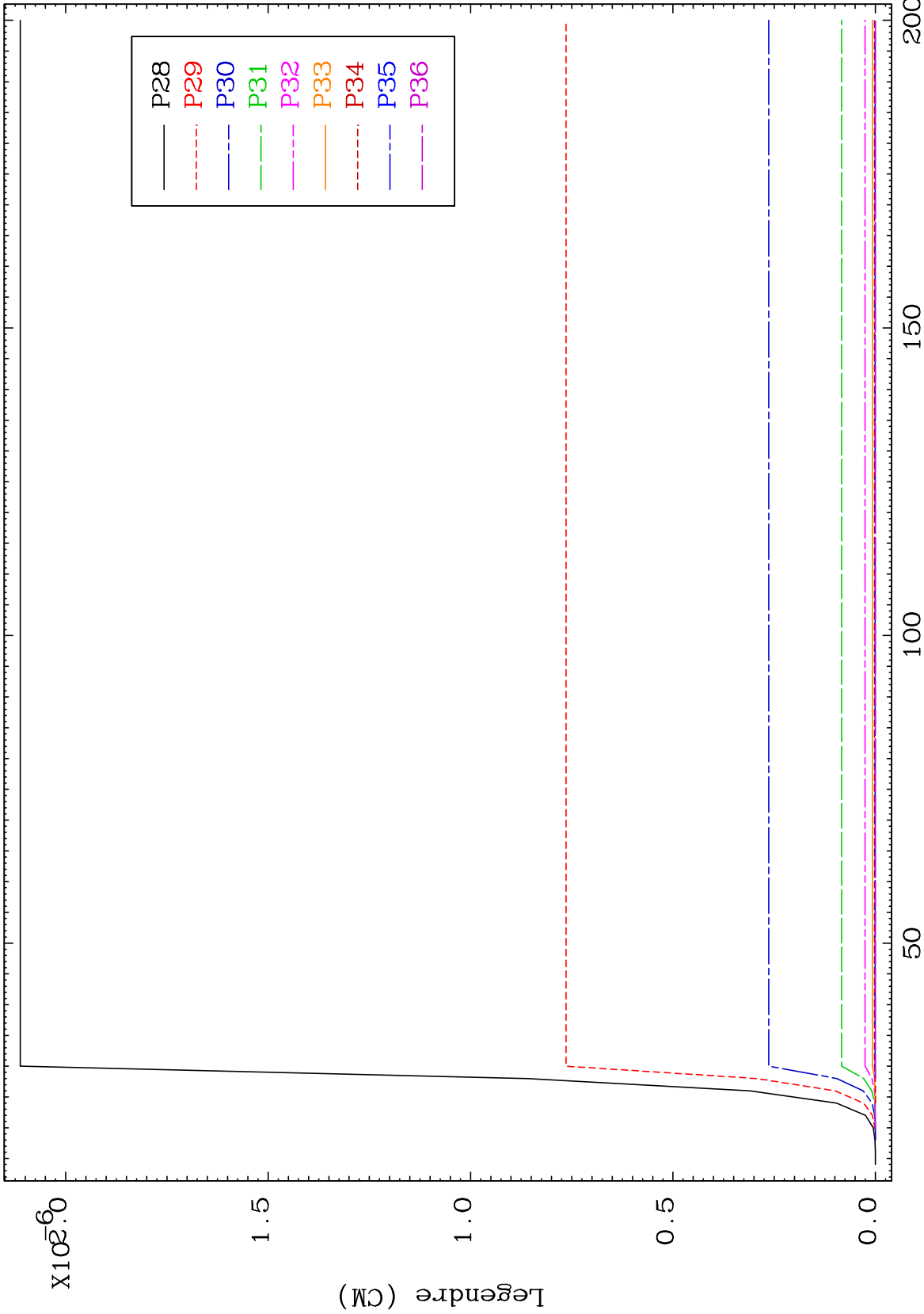
53-I -131



MAT 5337

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

53-I -131



58

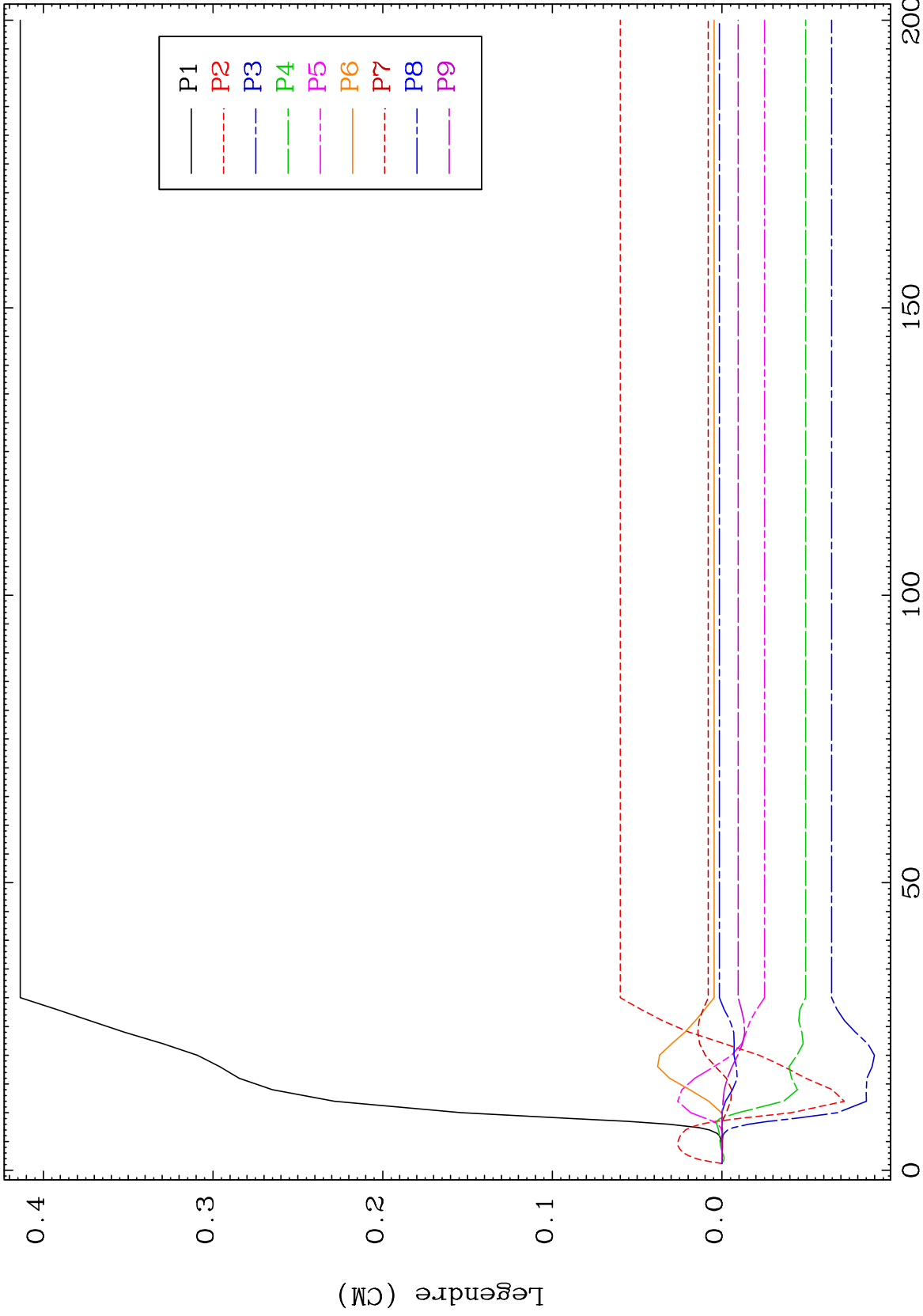
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



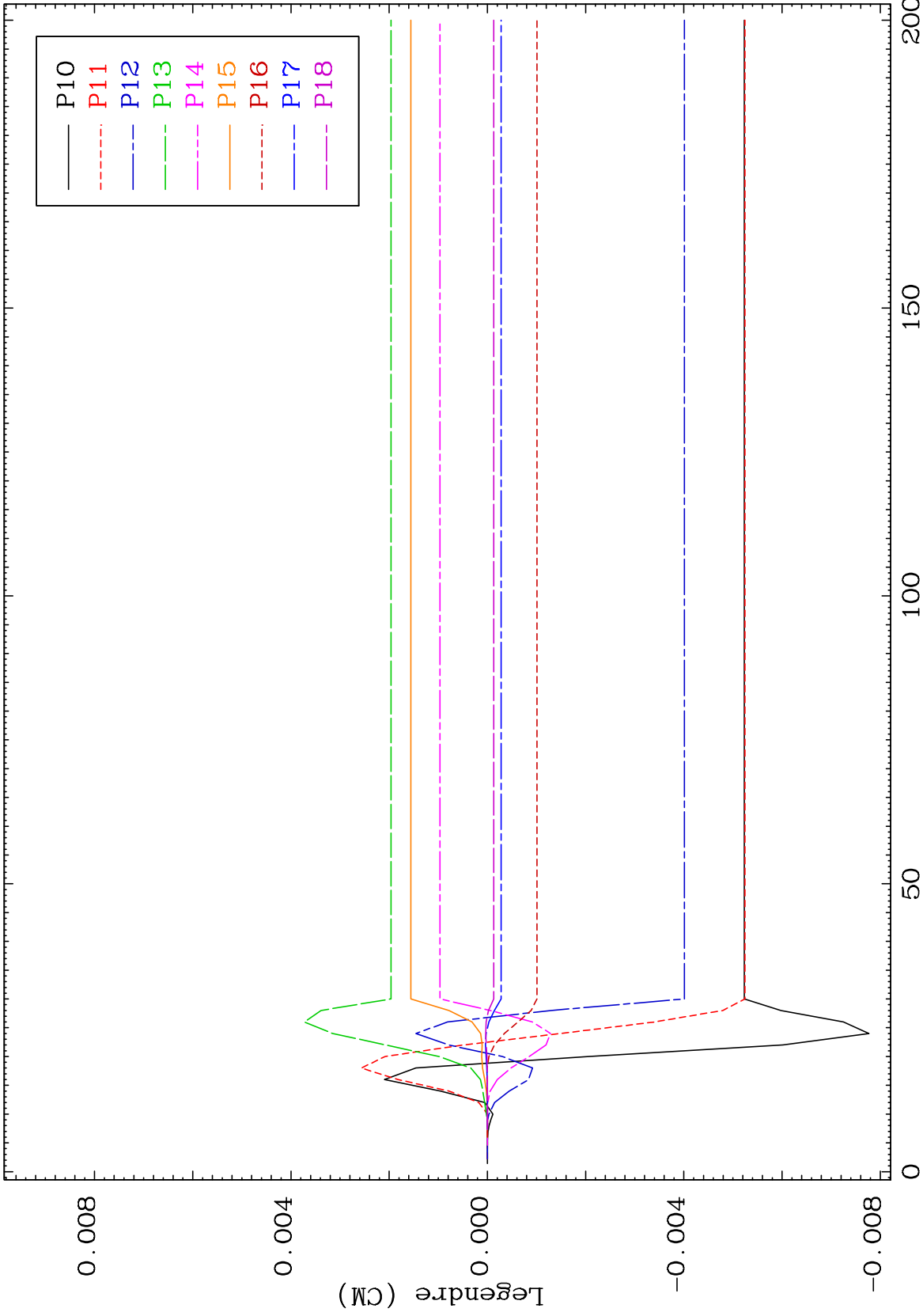
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53-I -131

MAT 5337

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

53-I -131



60

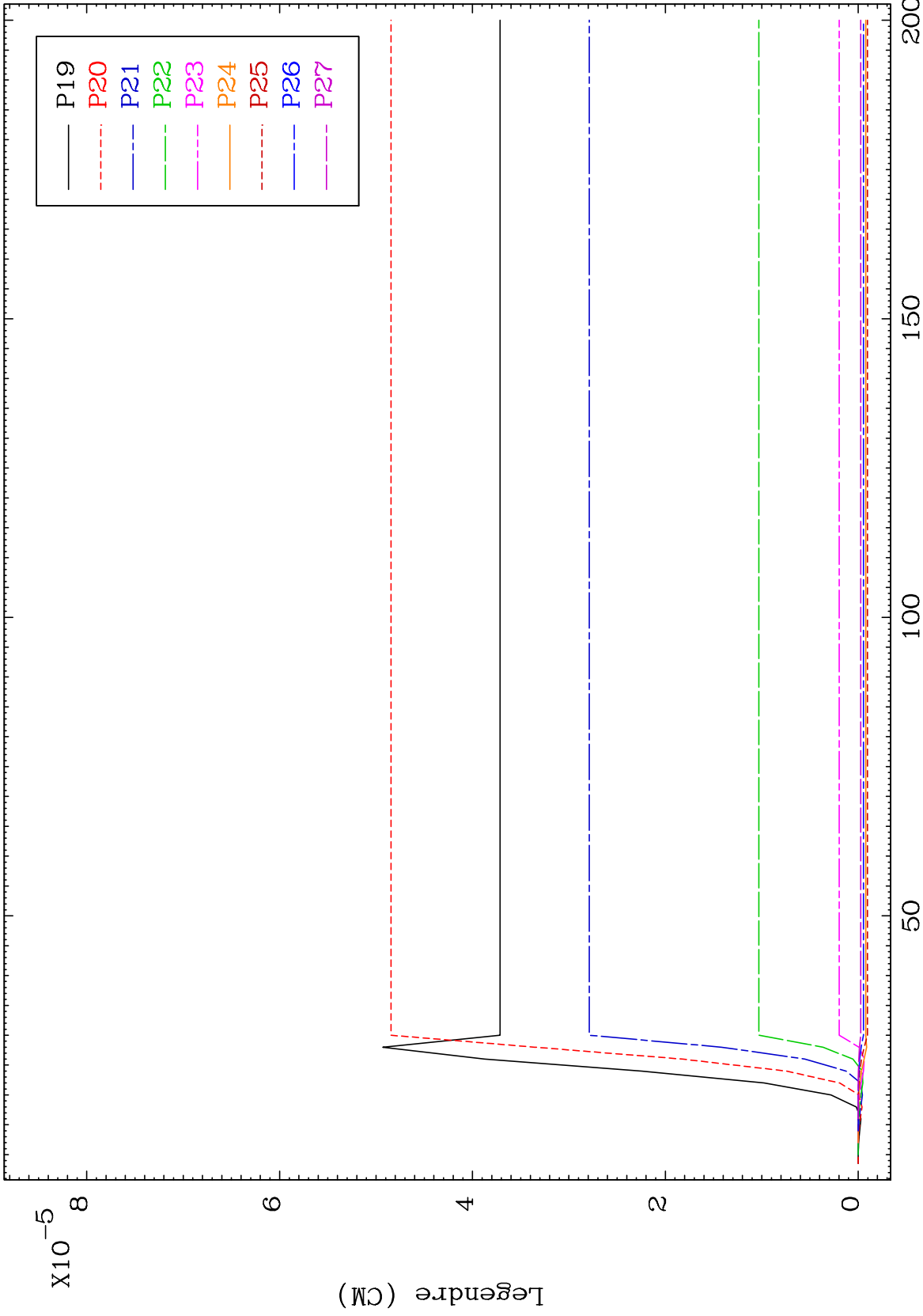
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



61

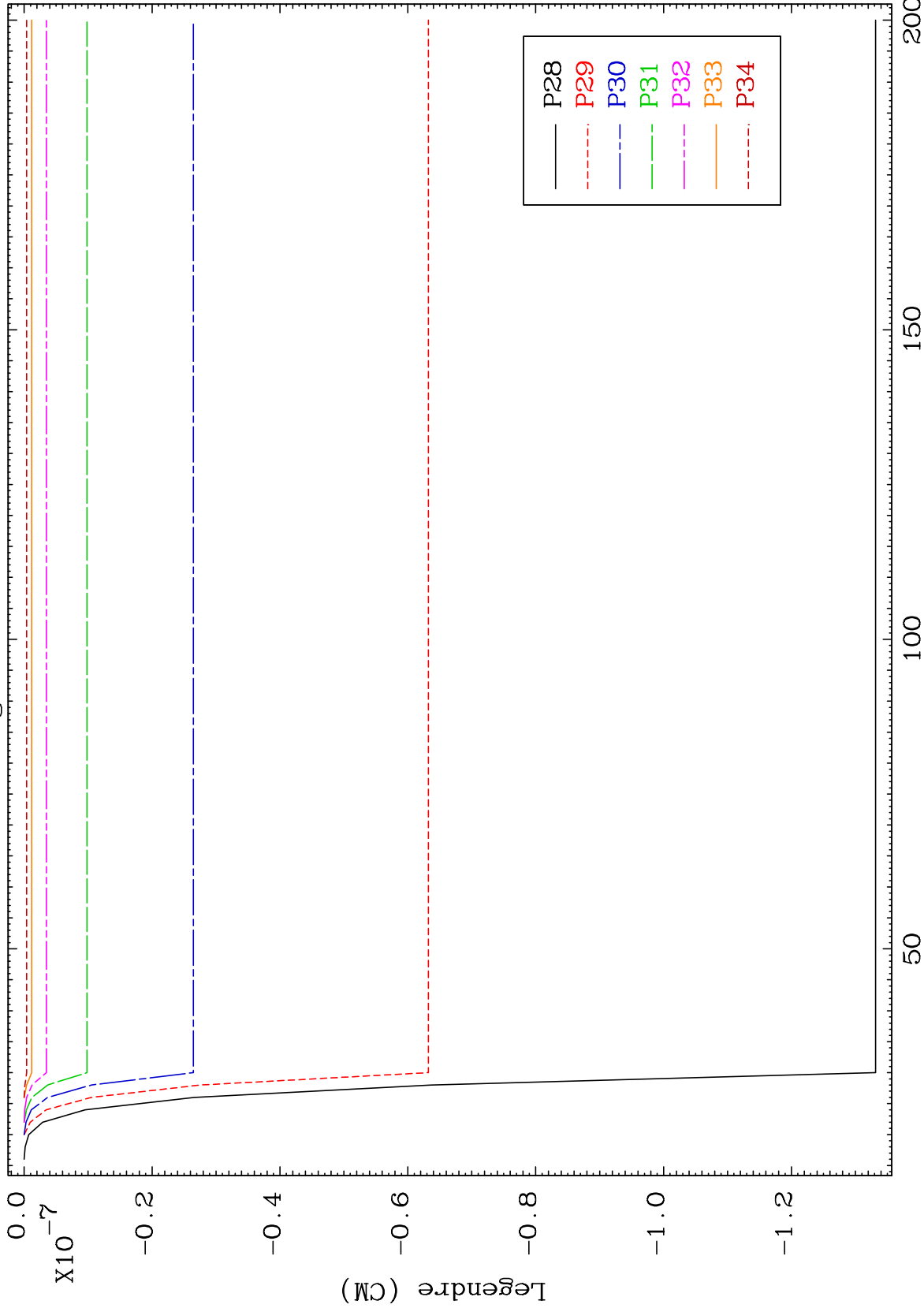
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



62

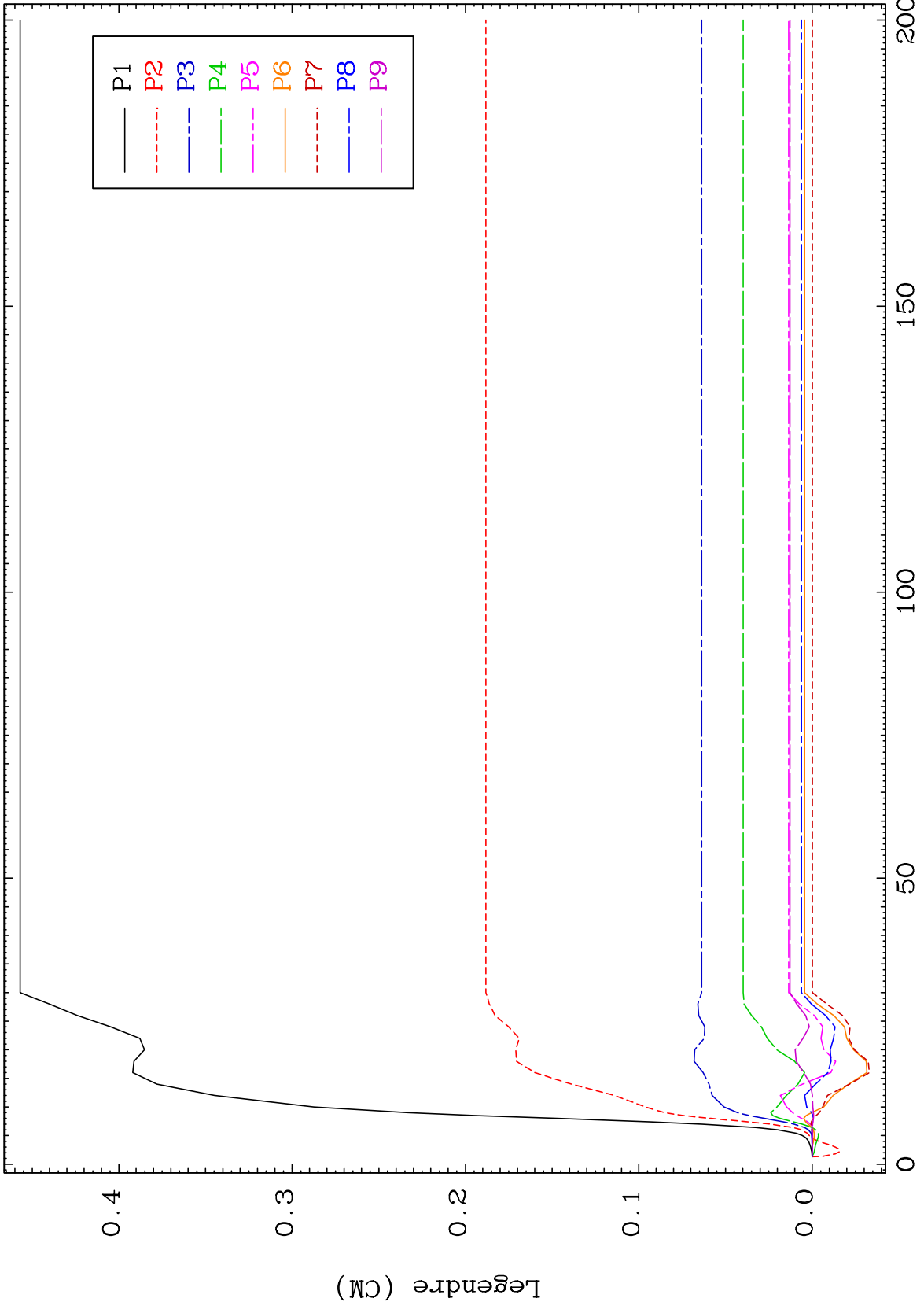
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



63

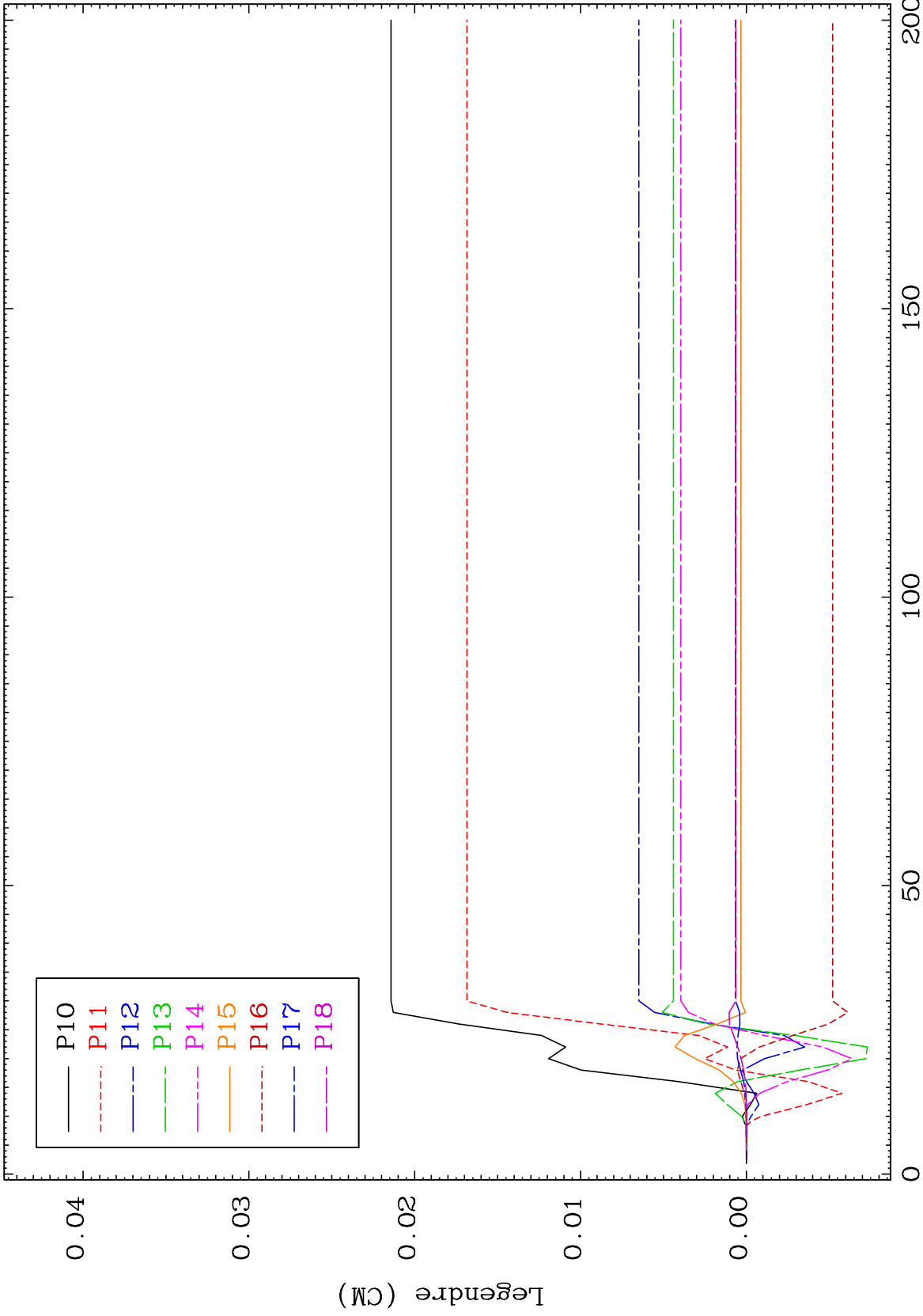
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



64

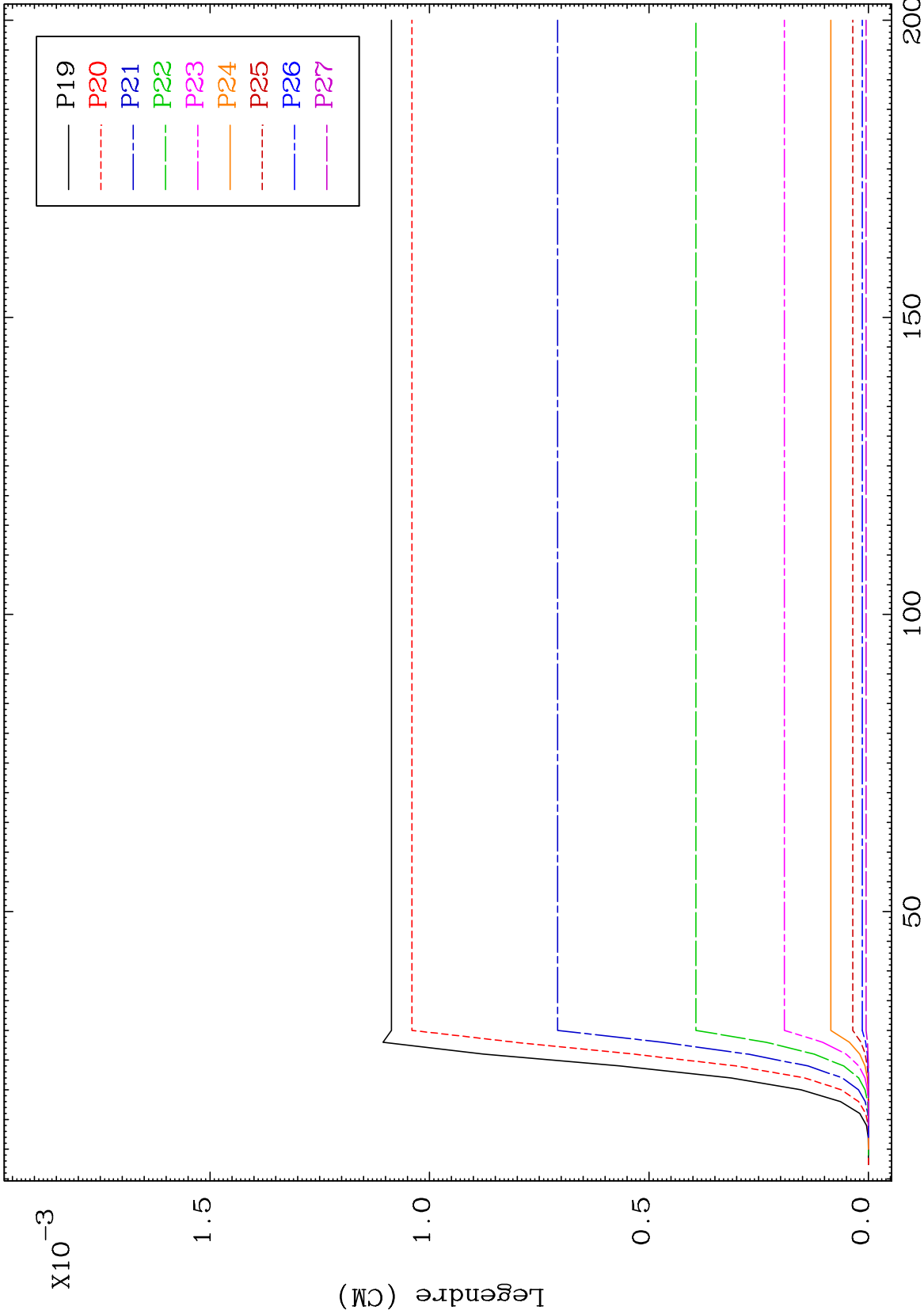
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



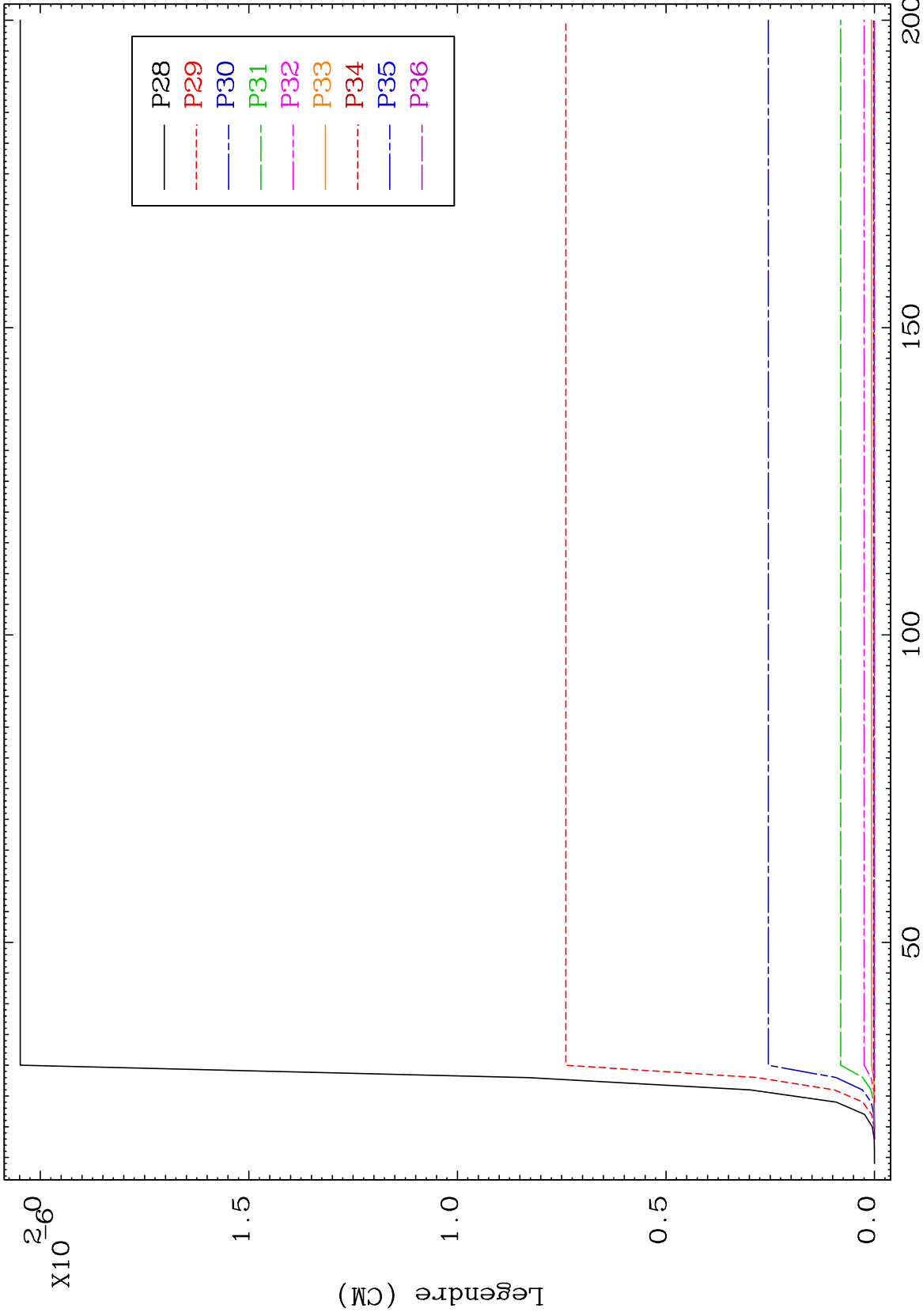
65

53-I -131

MAT 5337

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

53-I -131



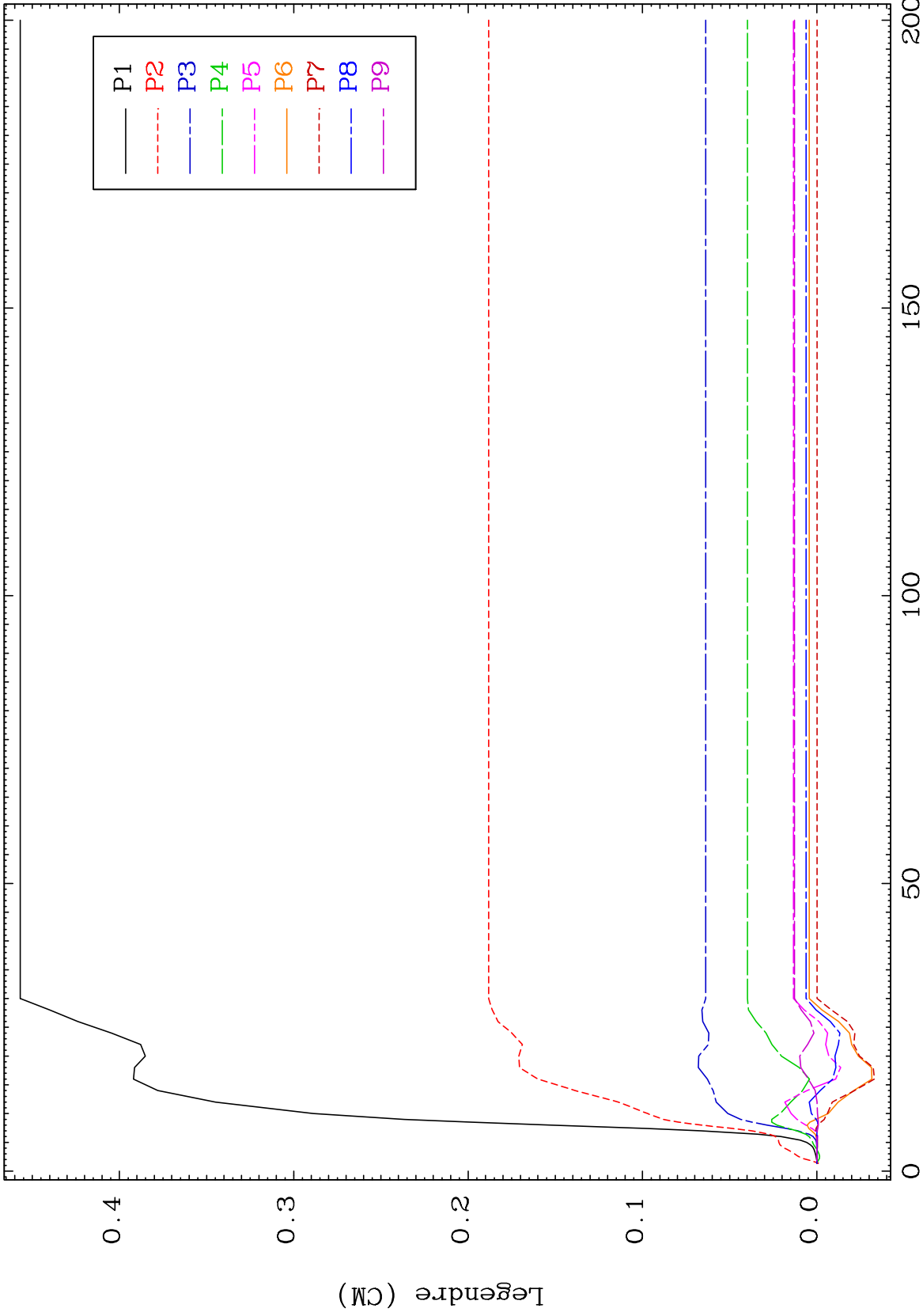
66

53-I -131

MAT 5337

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

53-I -131



67

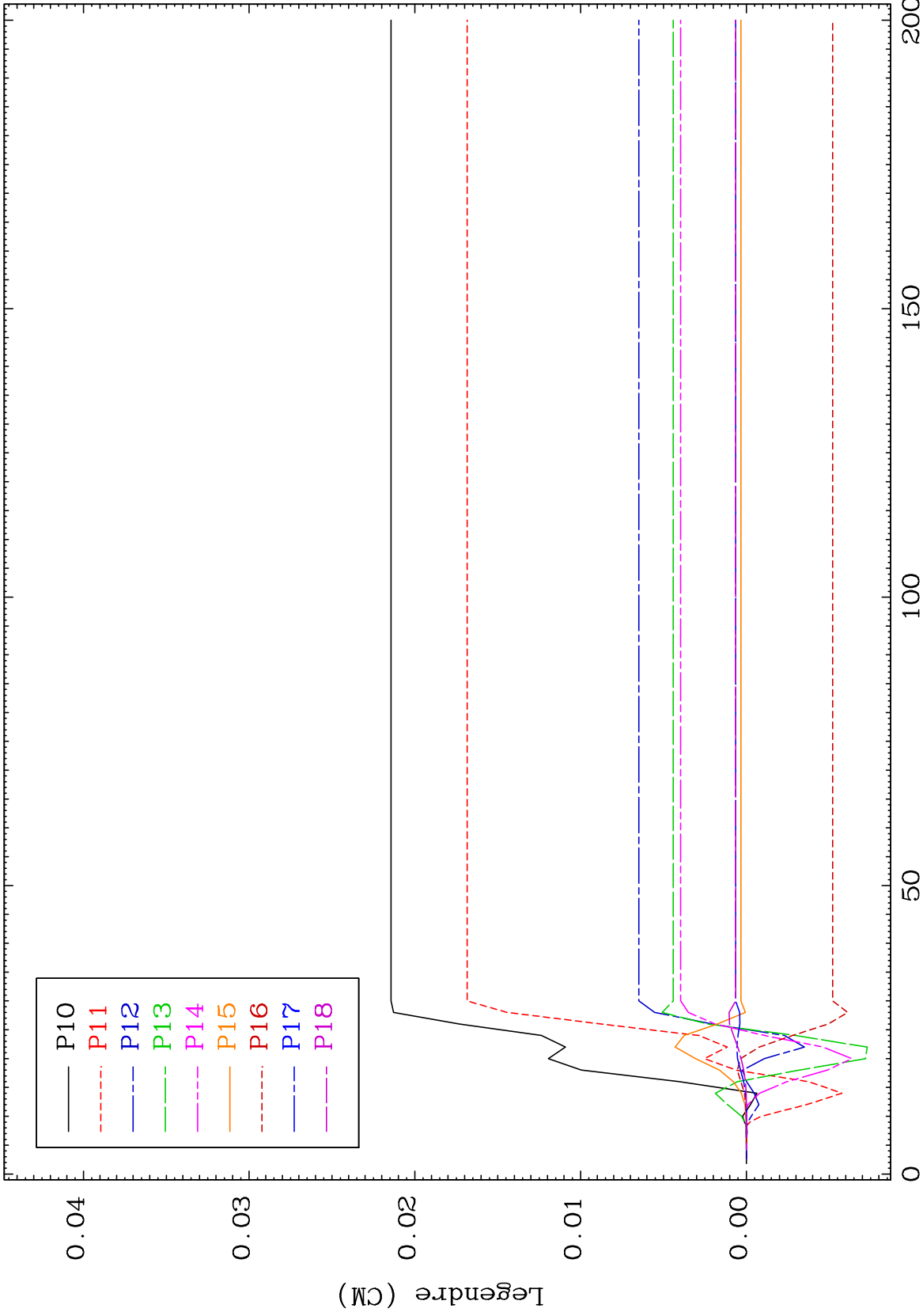
Incident Energy (MeV)

53-I -131

MAT 5337

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

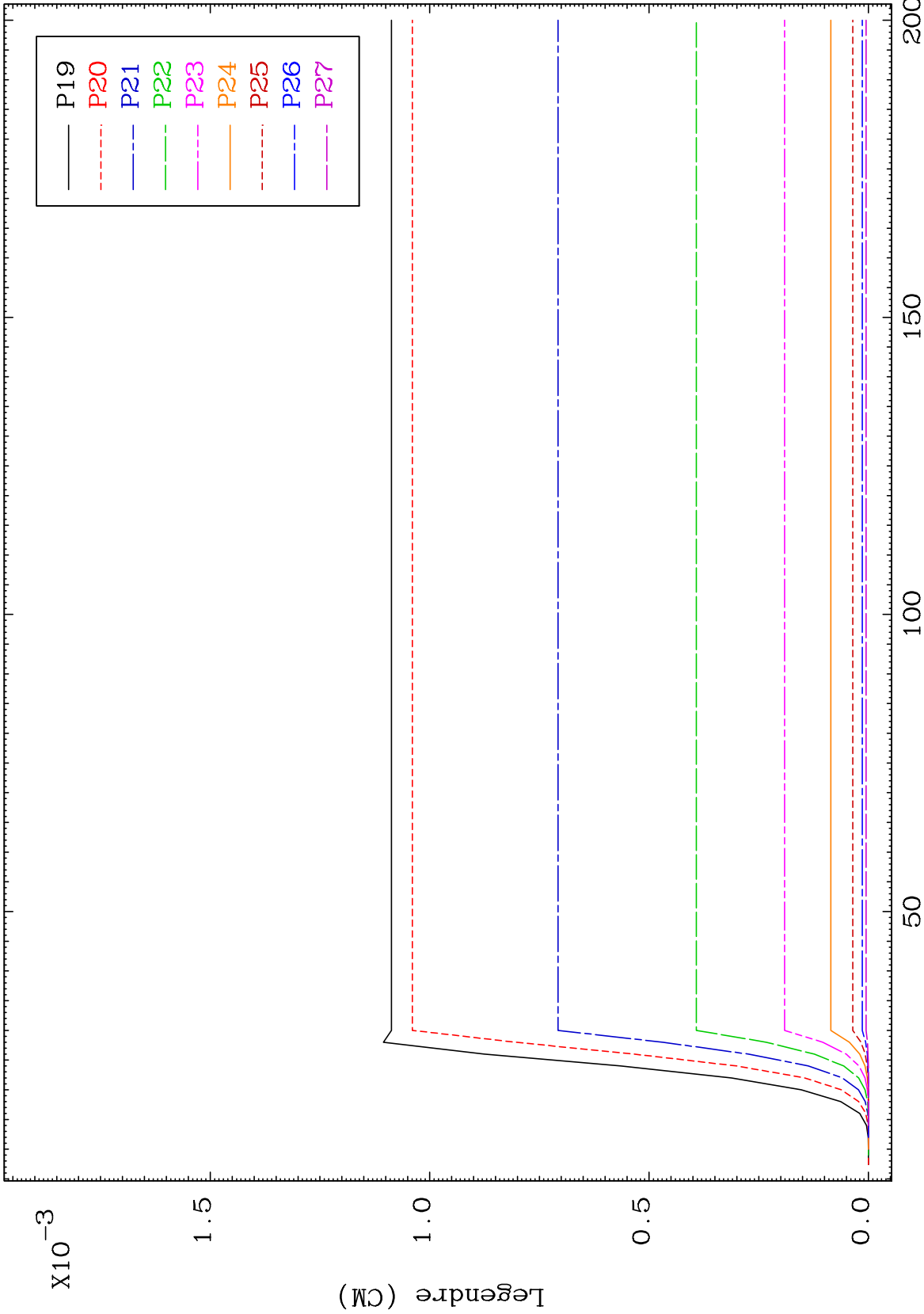
53-I -131



68

Incident Energy (MeV)

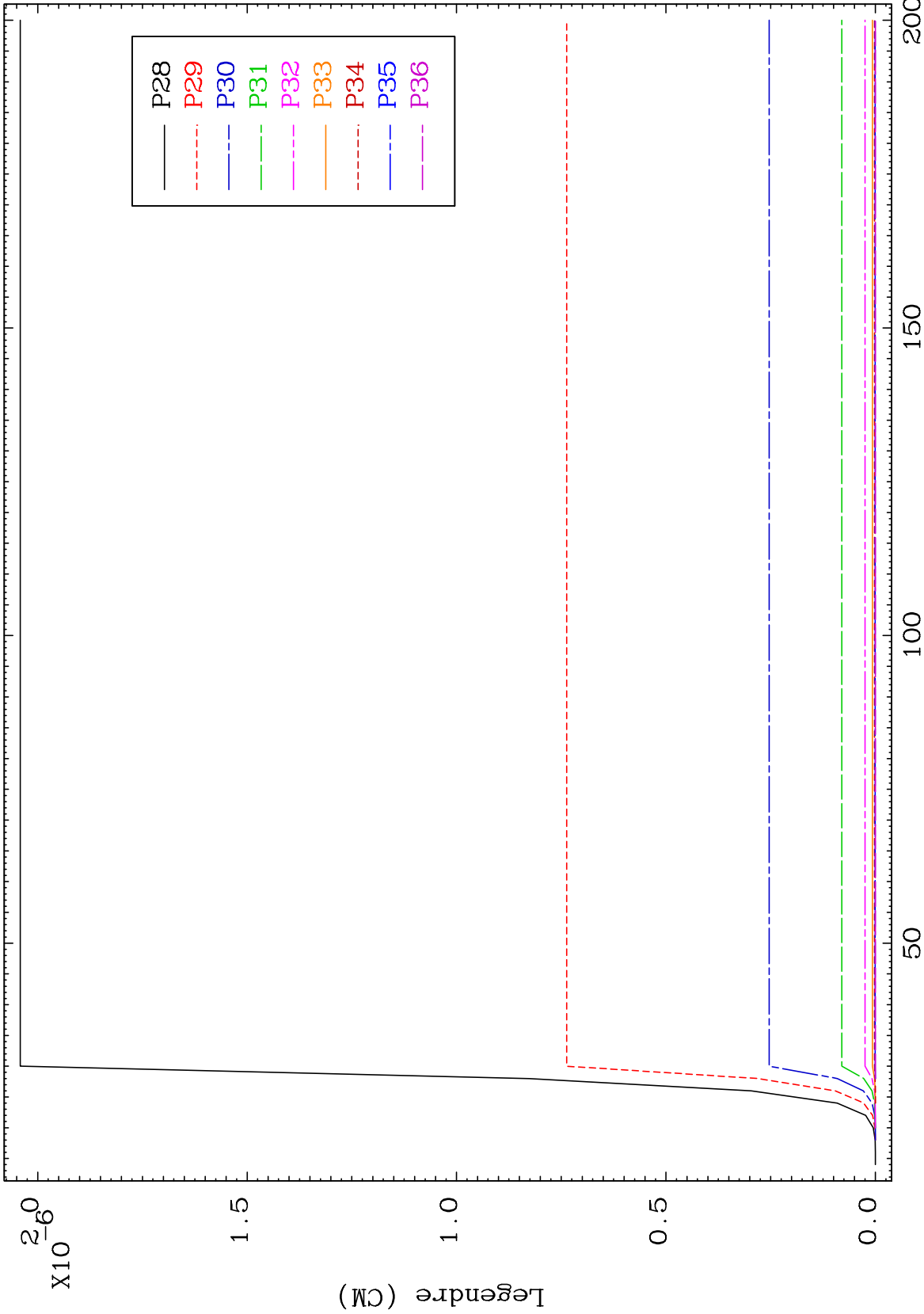
53-I -131



MAT 5337

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

53-I -131



70

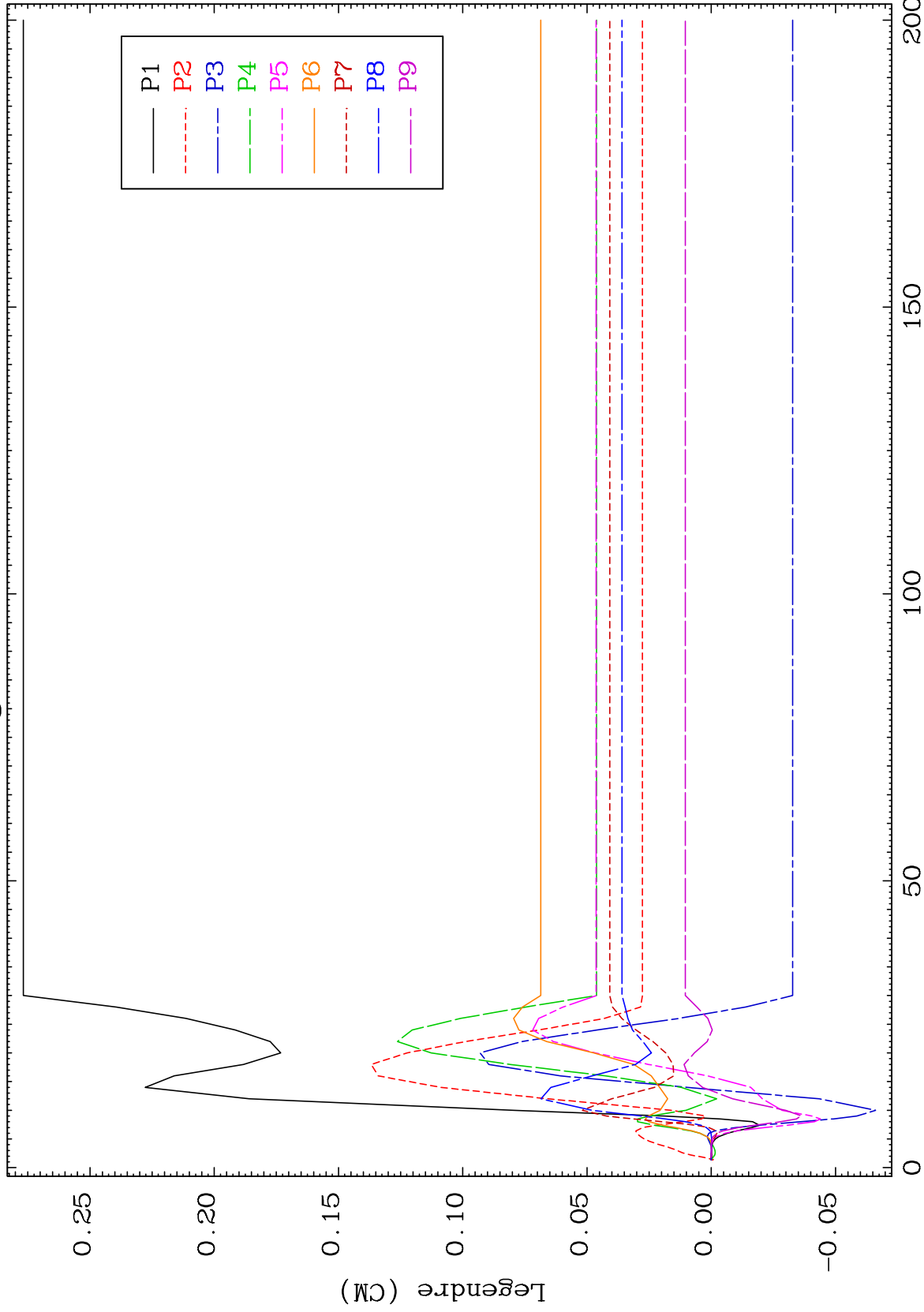
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



71

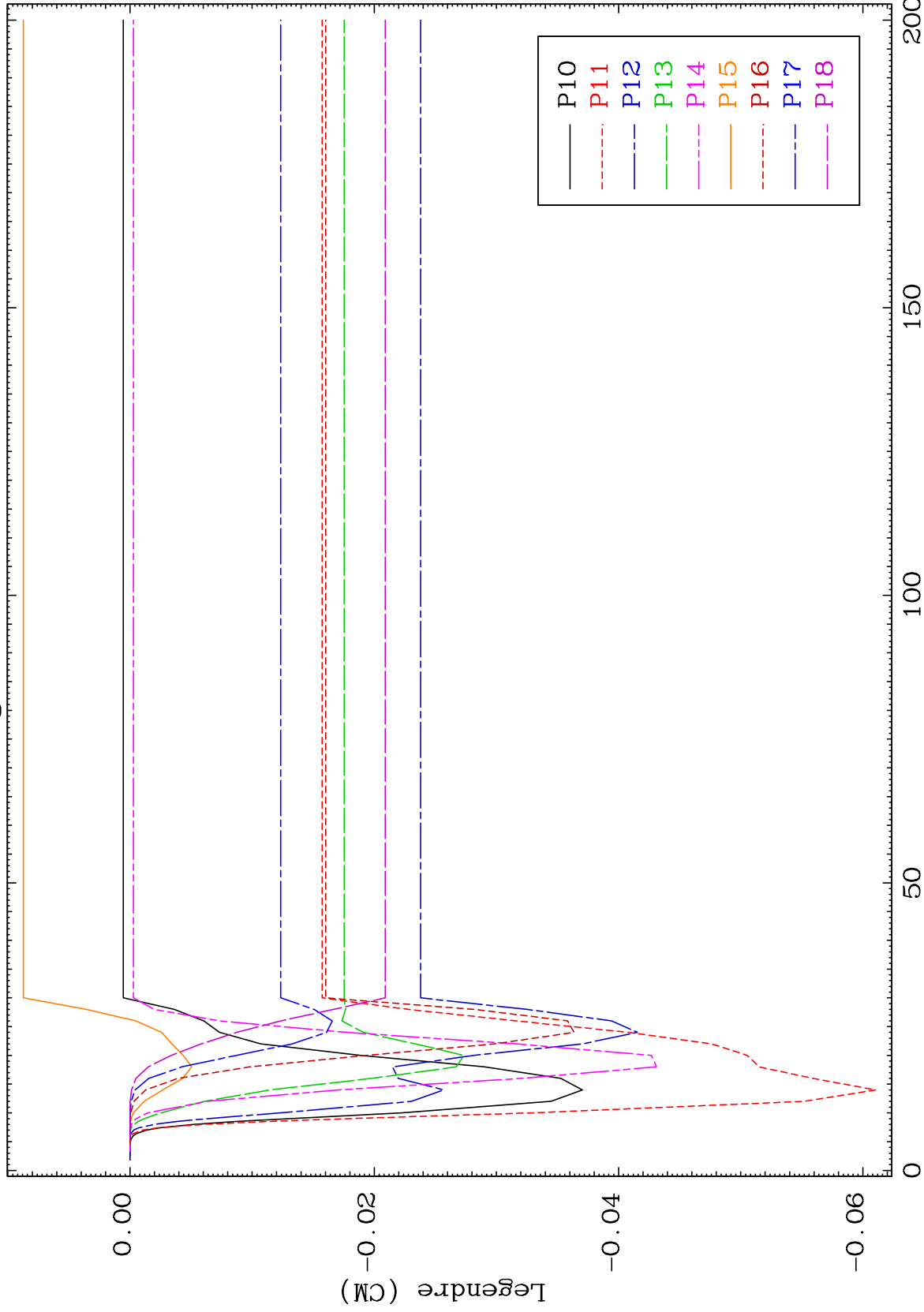
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131

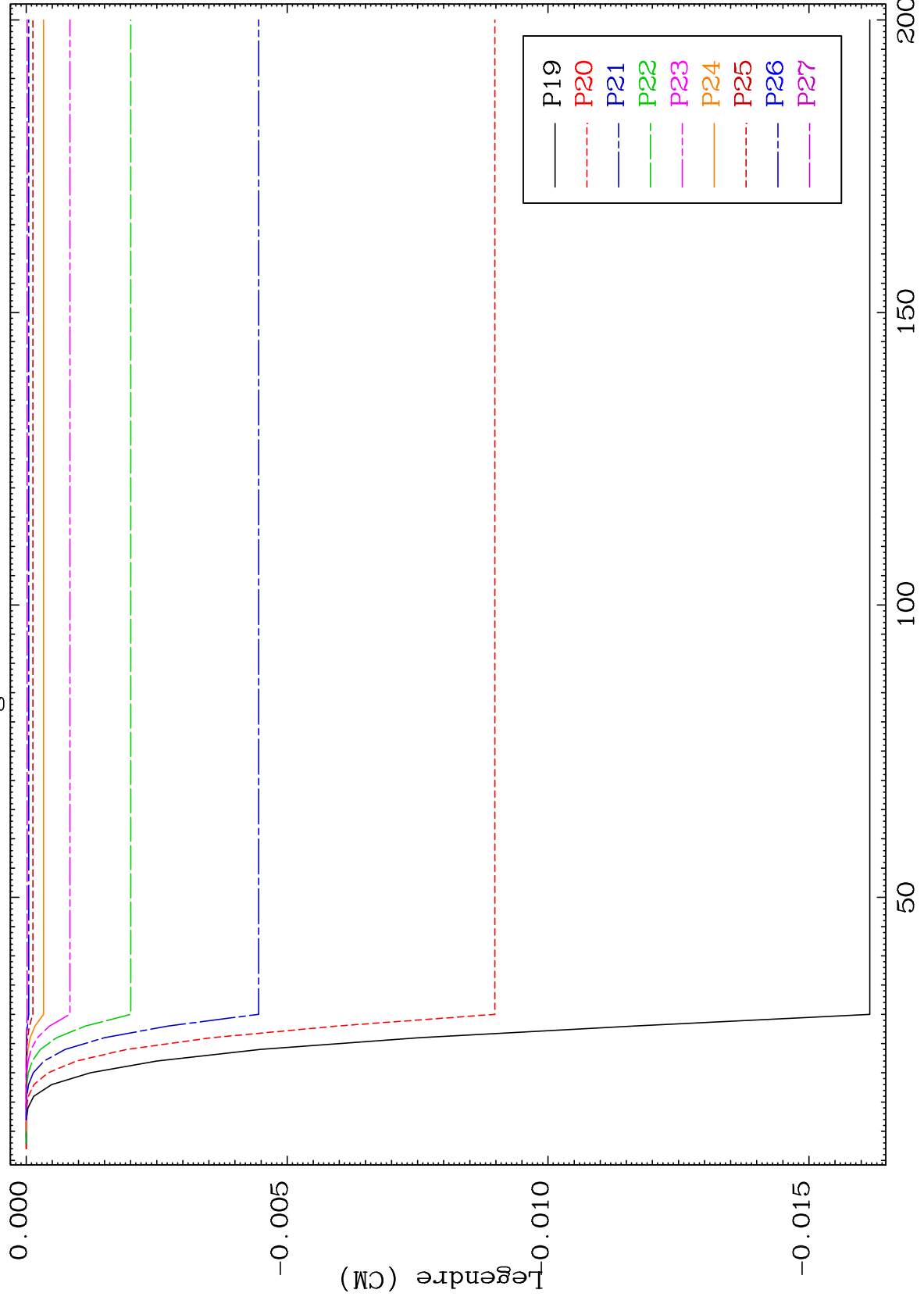


72

Incident Energy (MeV)

53-I -131

MAT 5337 MT= 64 (n,n') Level Legendre Coefficients 53-I -131

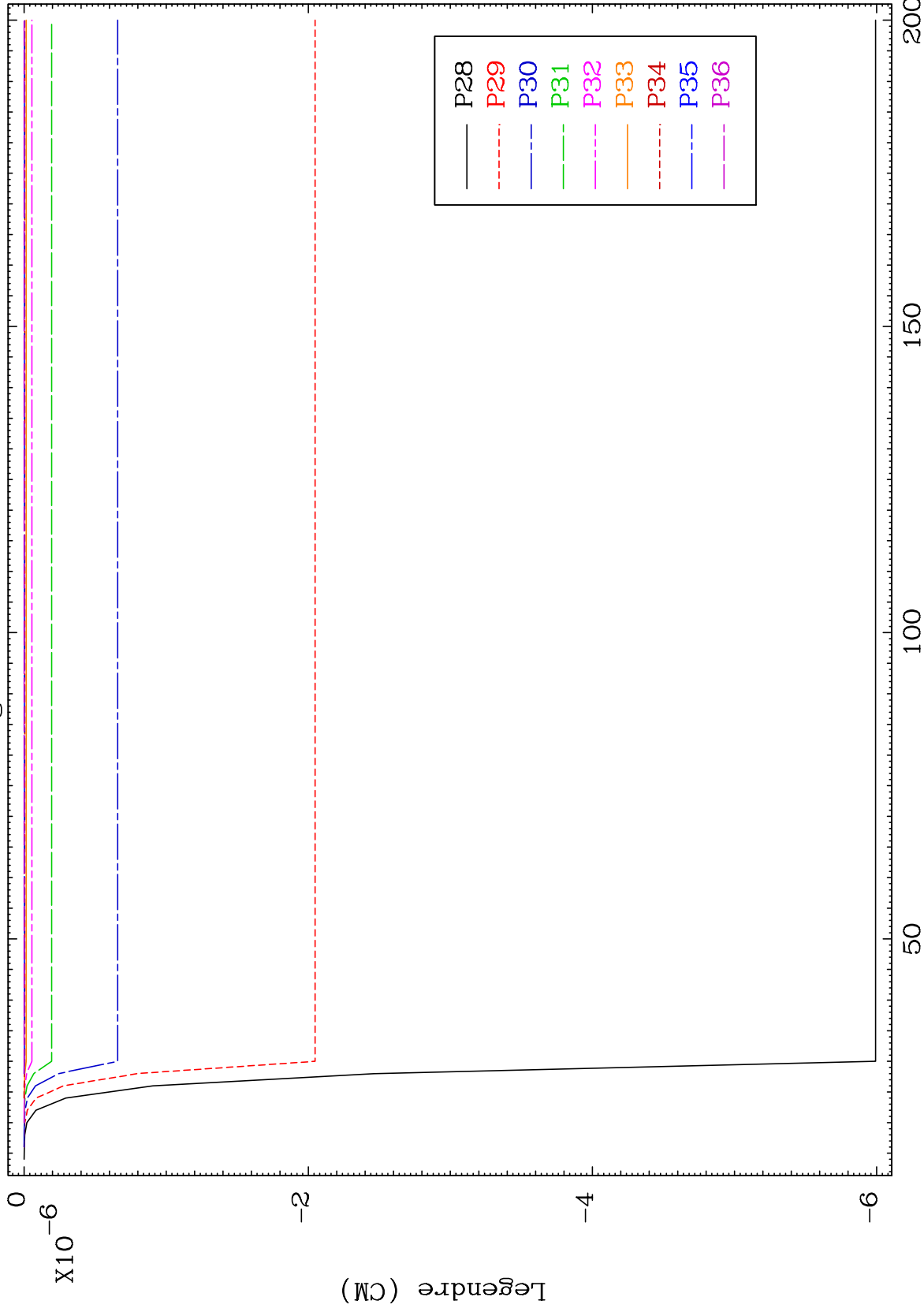


73 53-I -131

MAT 5337

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

53-I -131



74

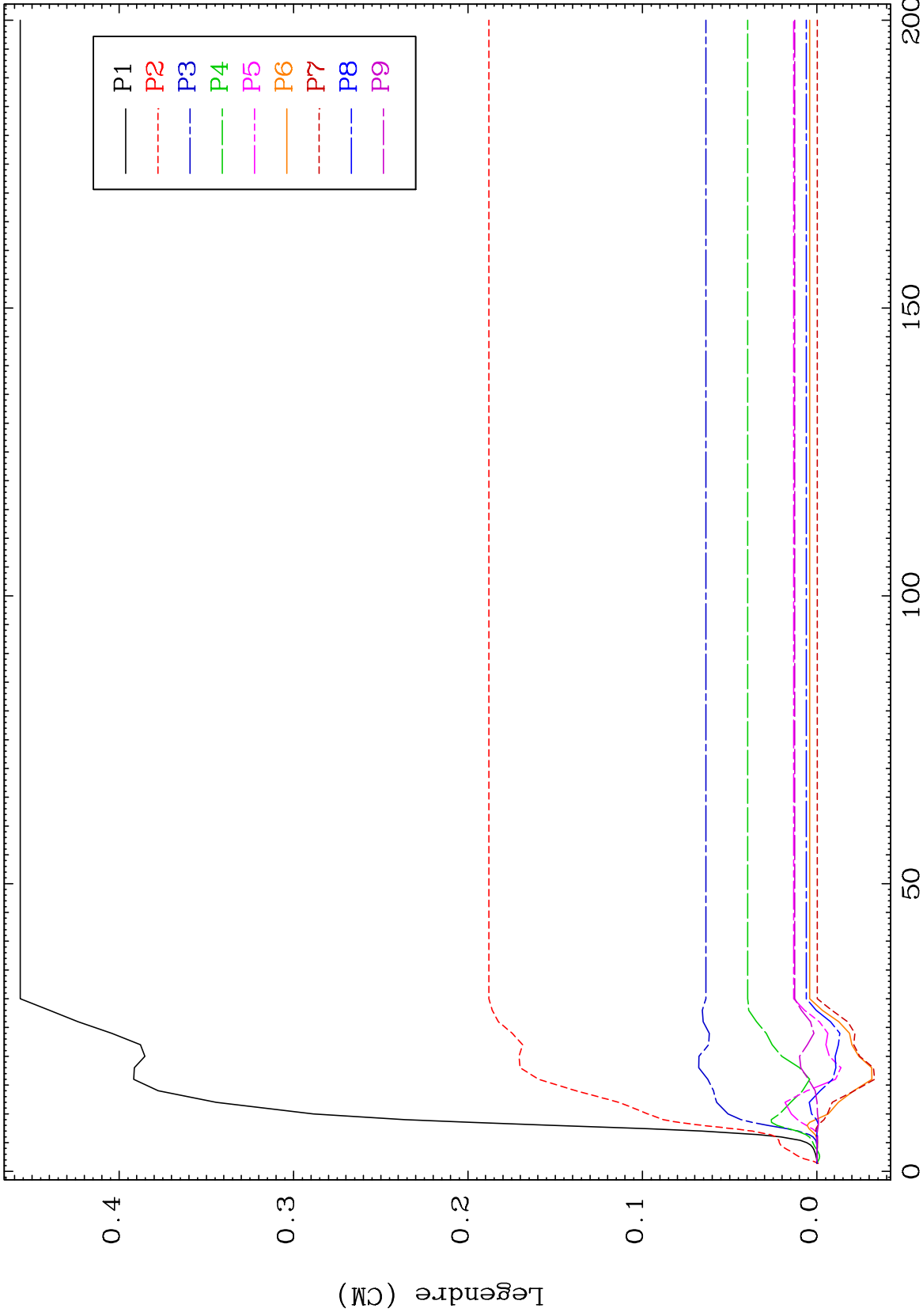
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



75

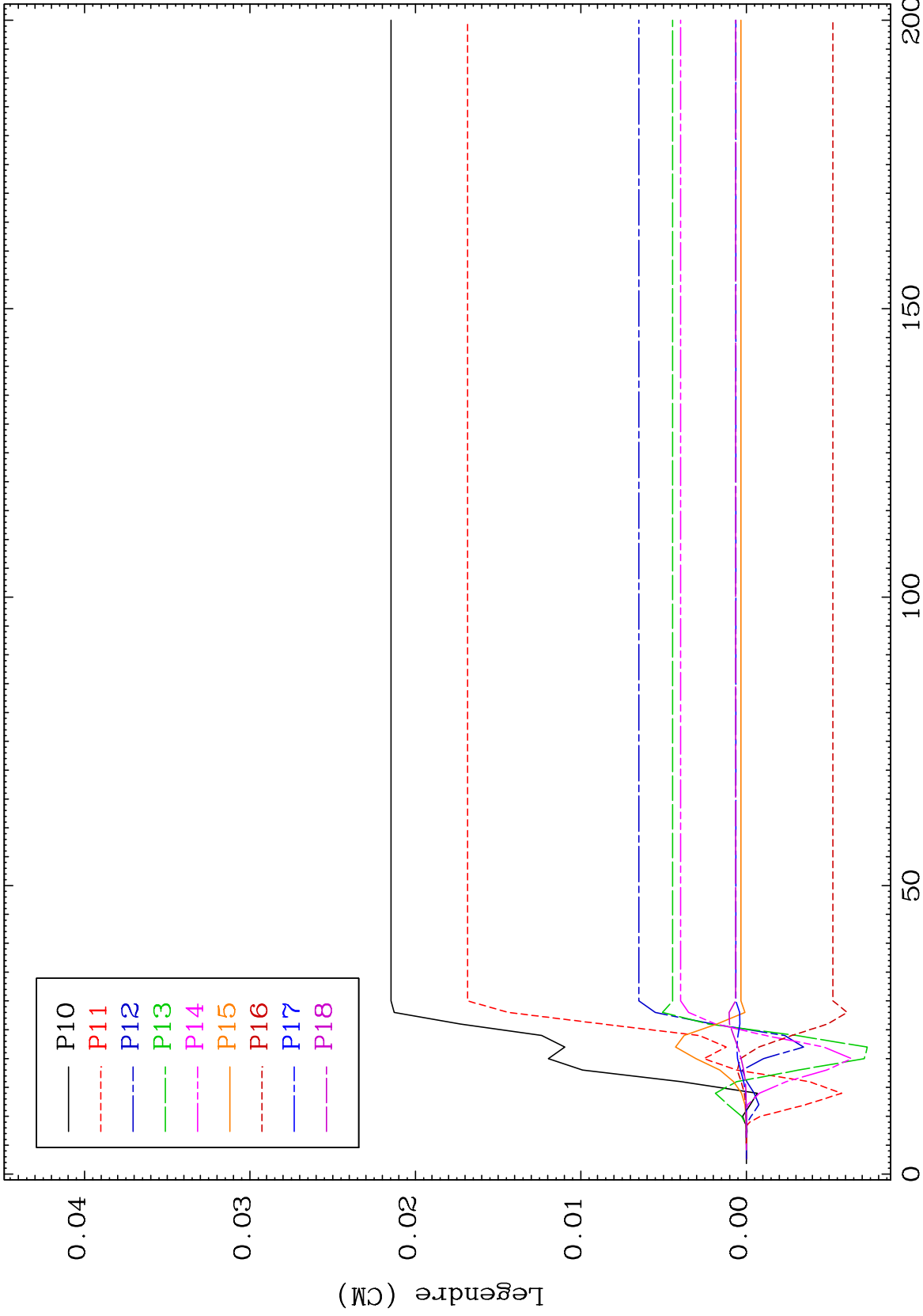
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



76

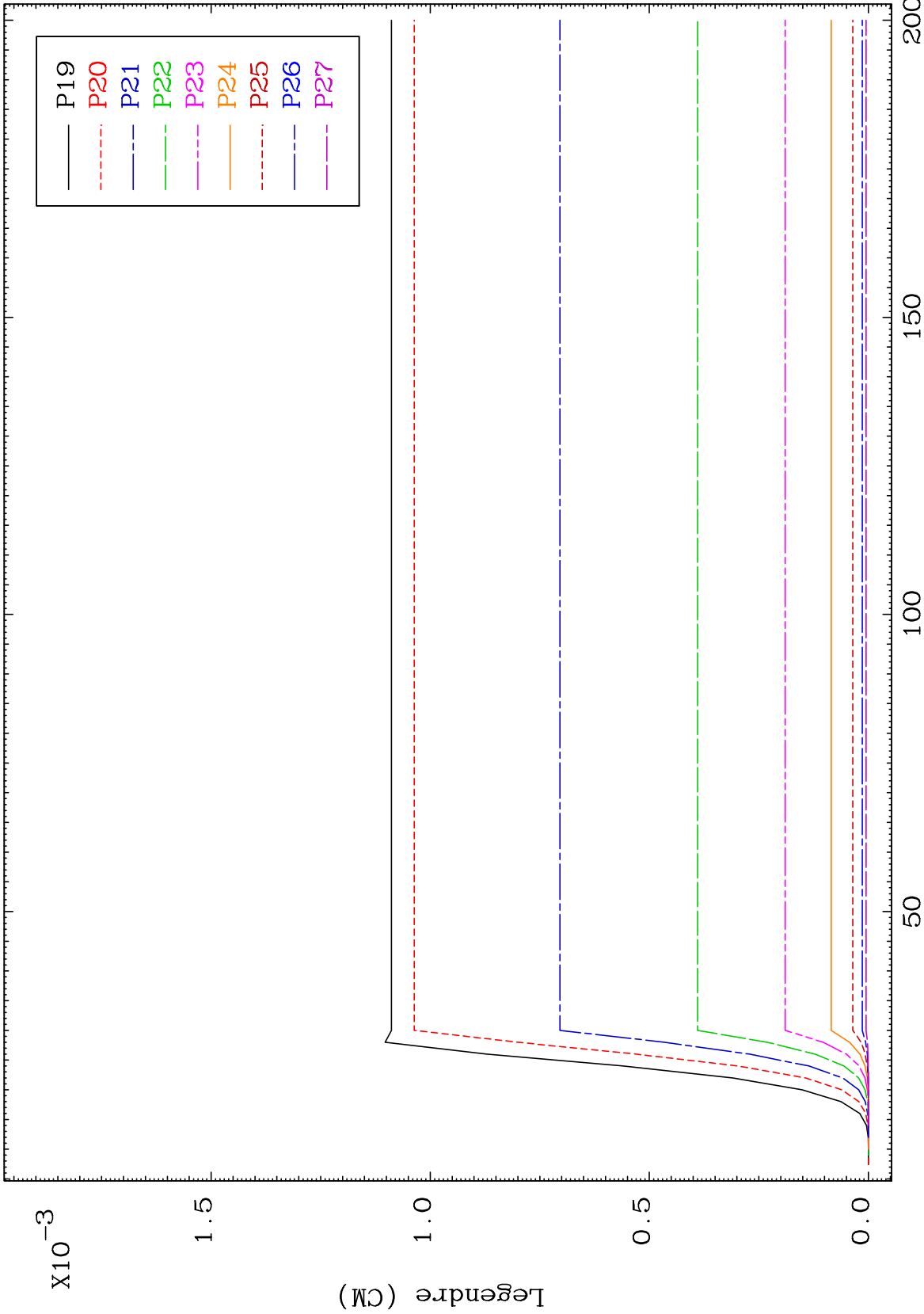
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



77

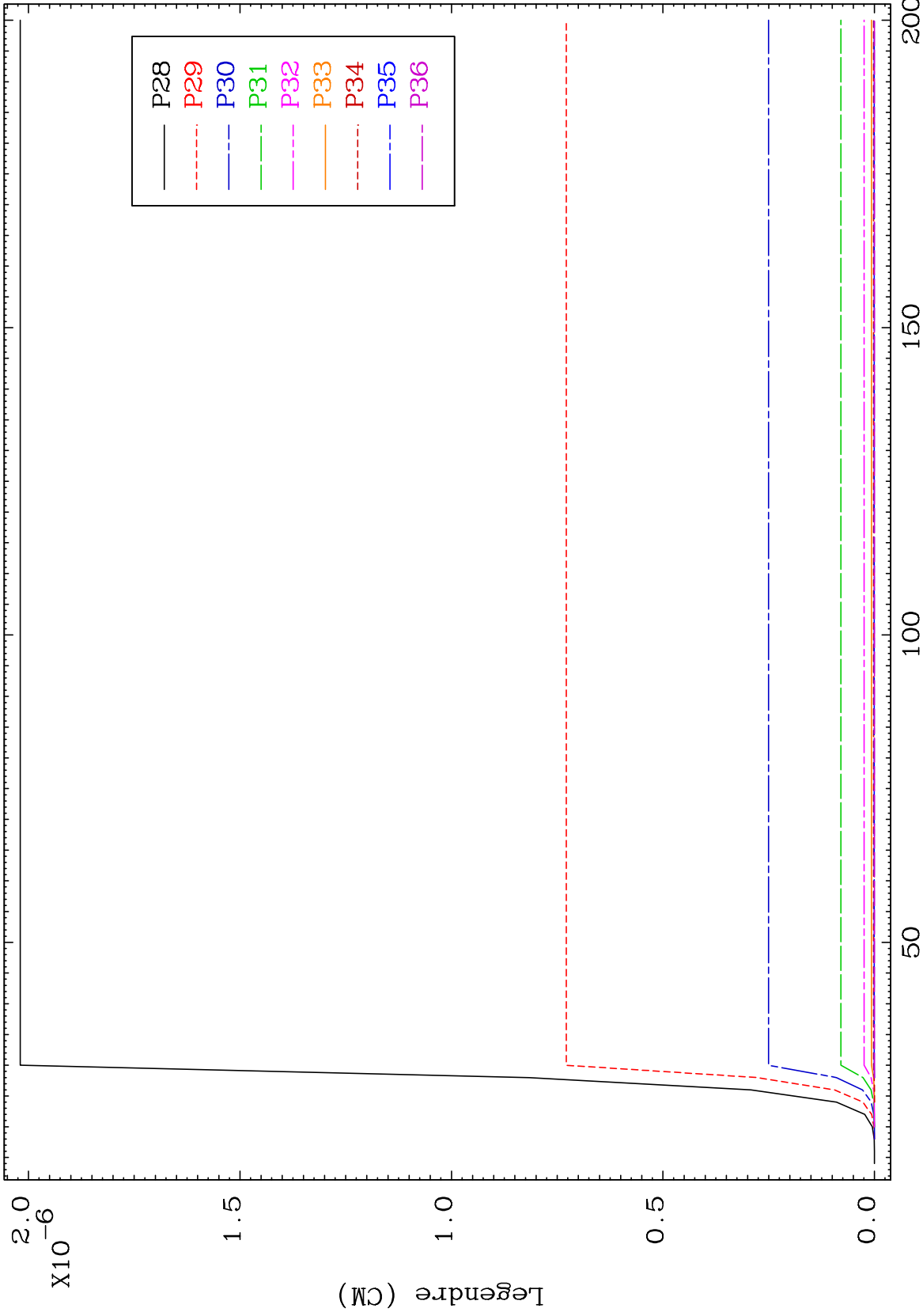
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



78

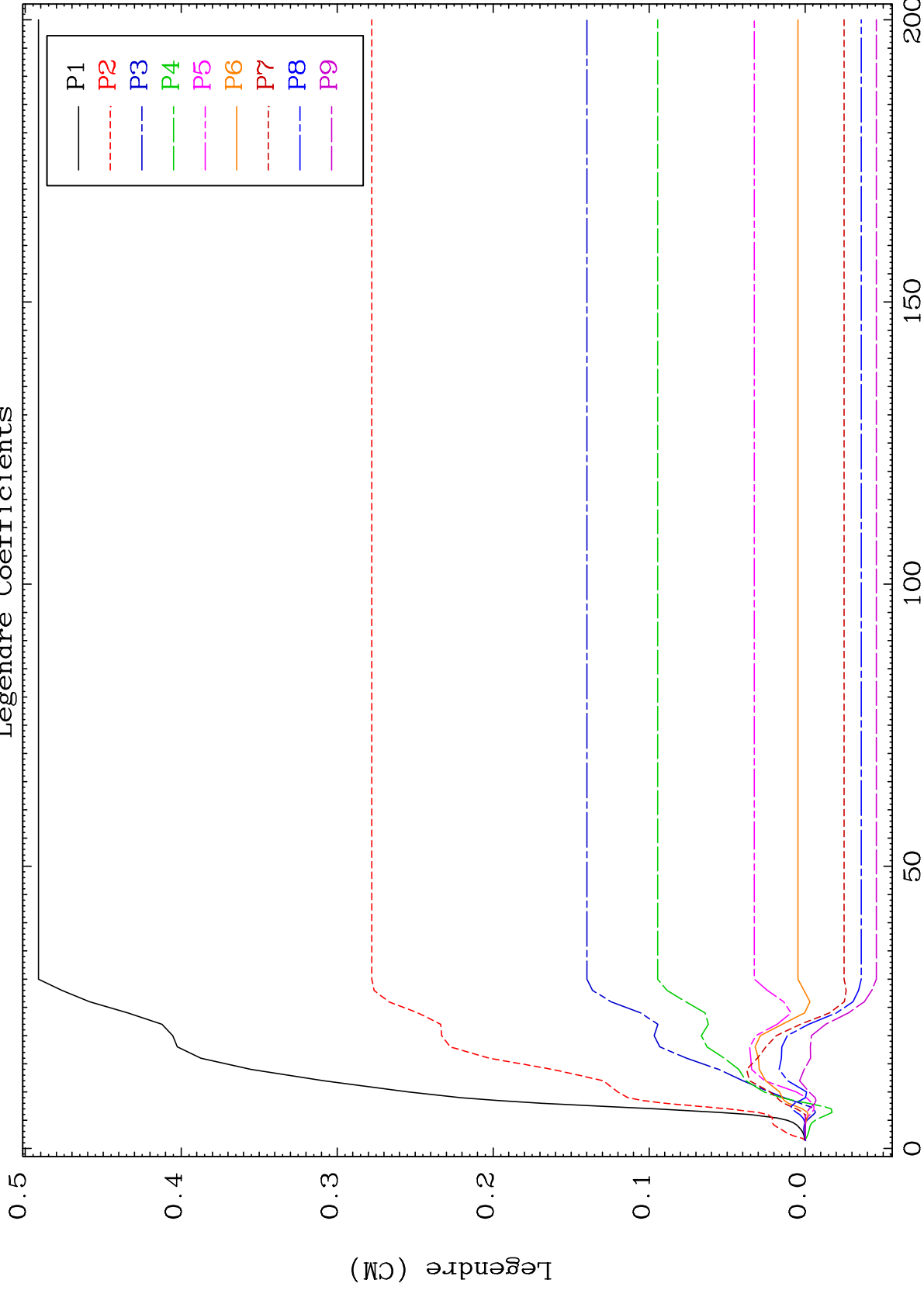
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



79

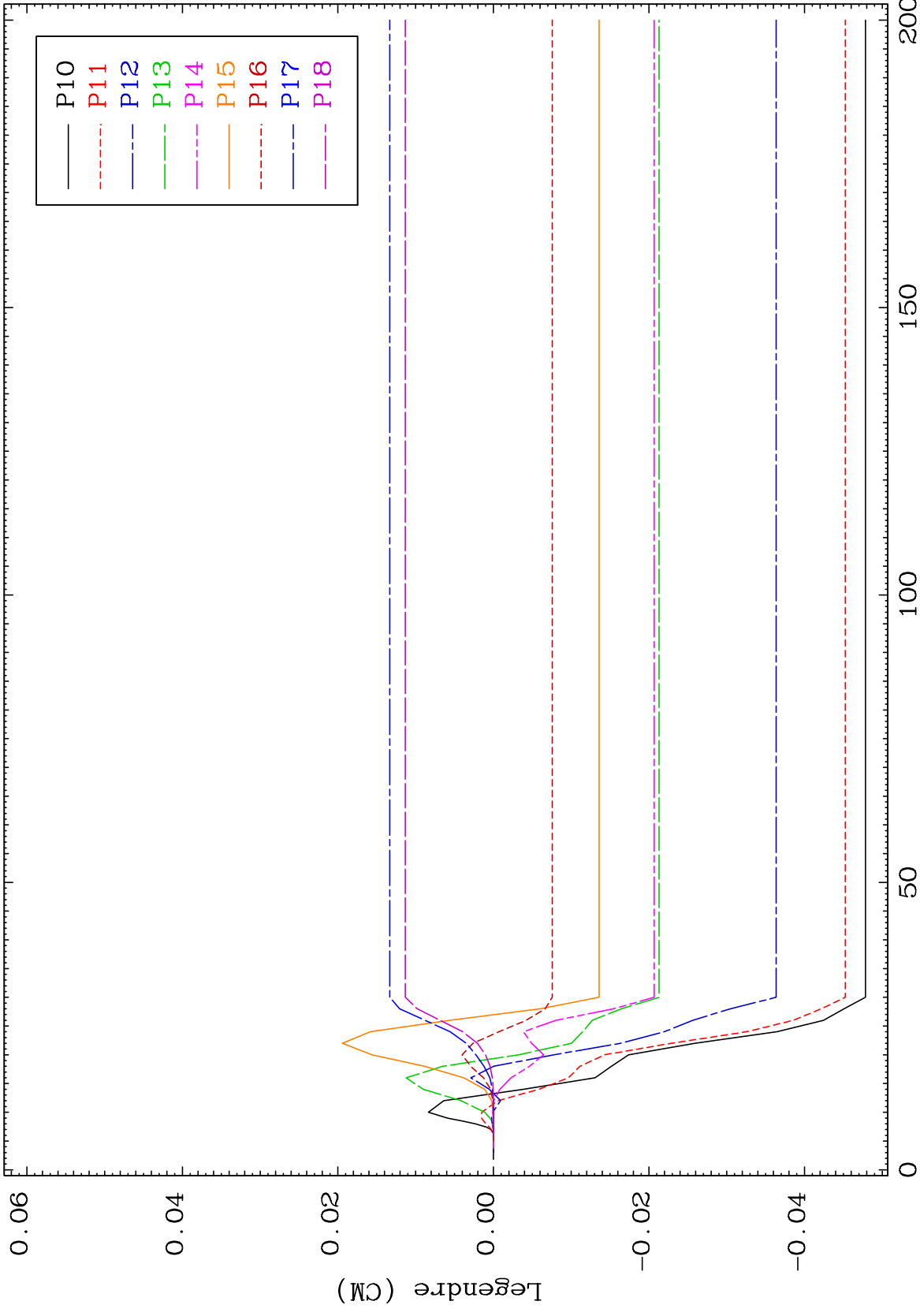
Incident Energy (MeV)

53-I -131

MAT 5337

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

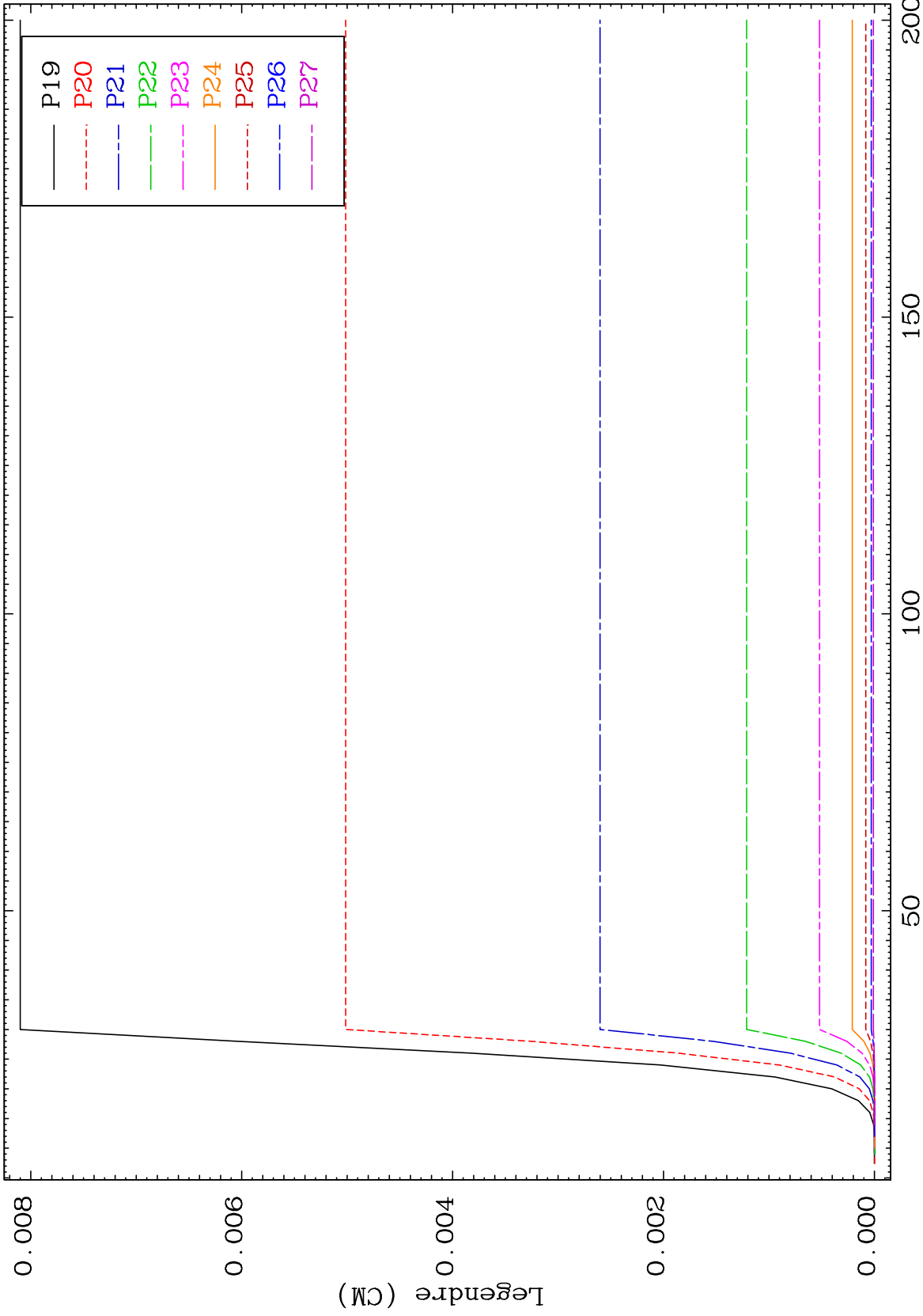
53-I -131



80

Incident Energy (MeV)

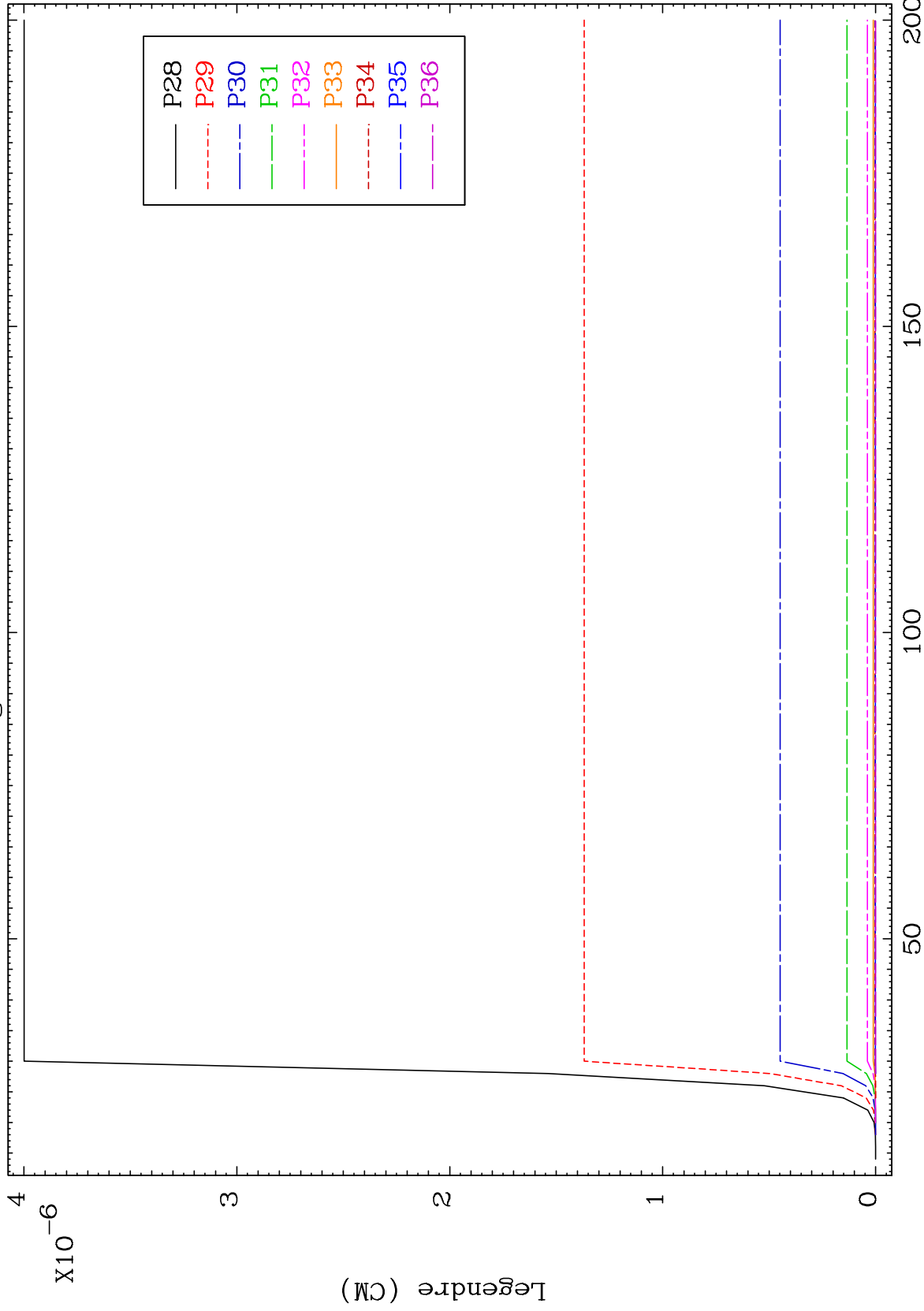
53-I -131



MAT 5337

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

53-I -131



82

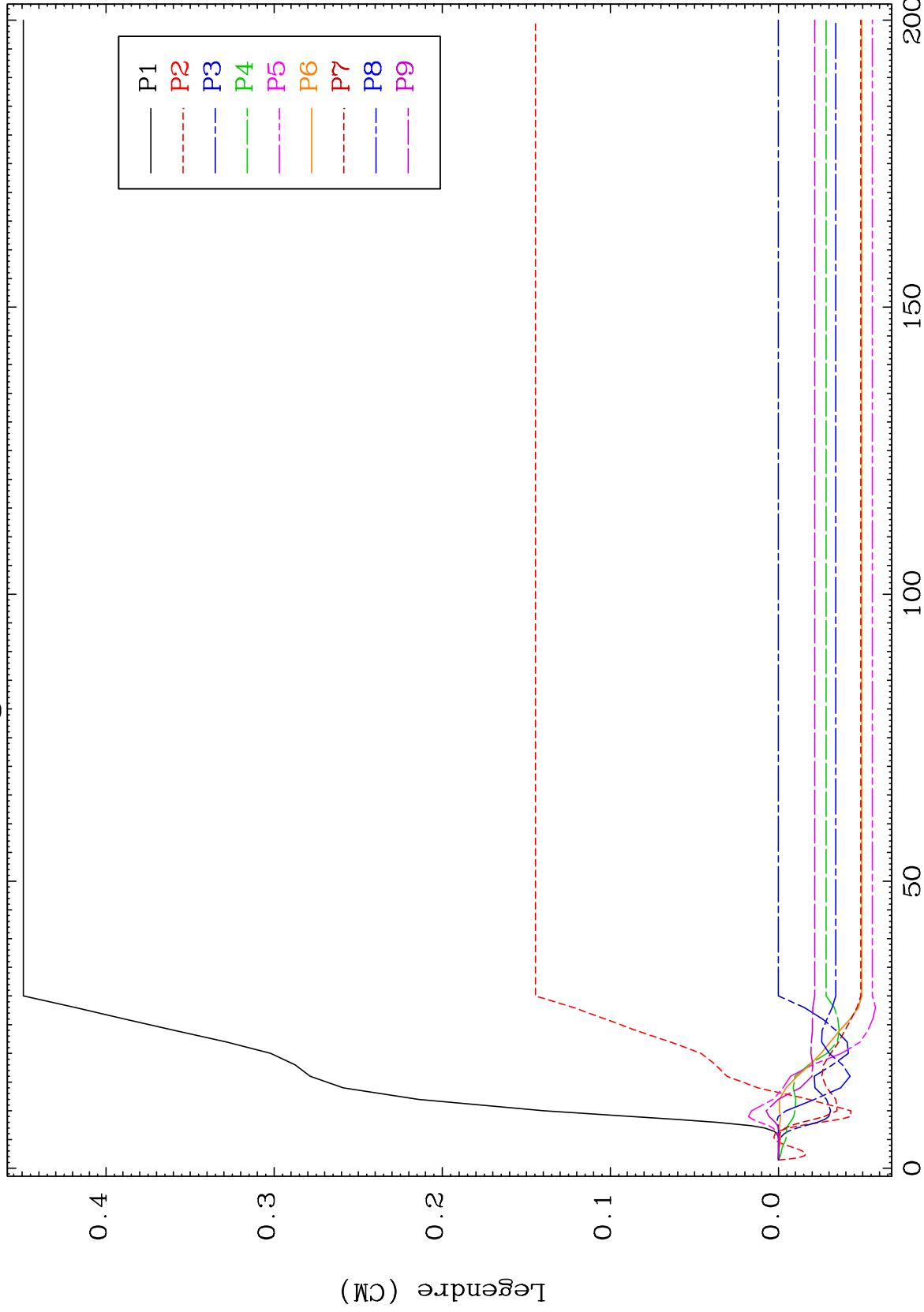
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



83

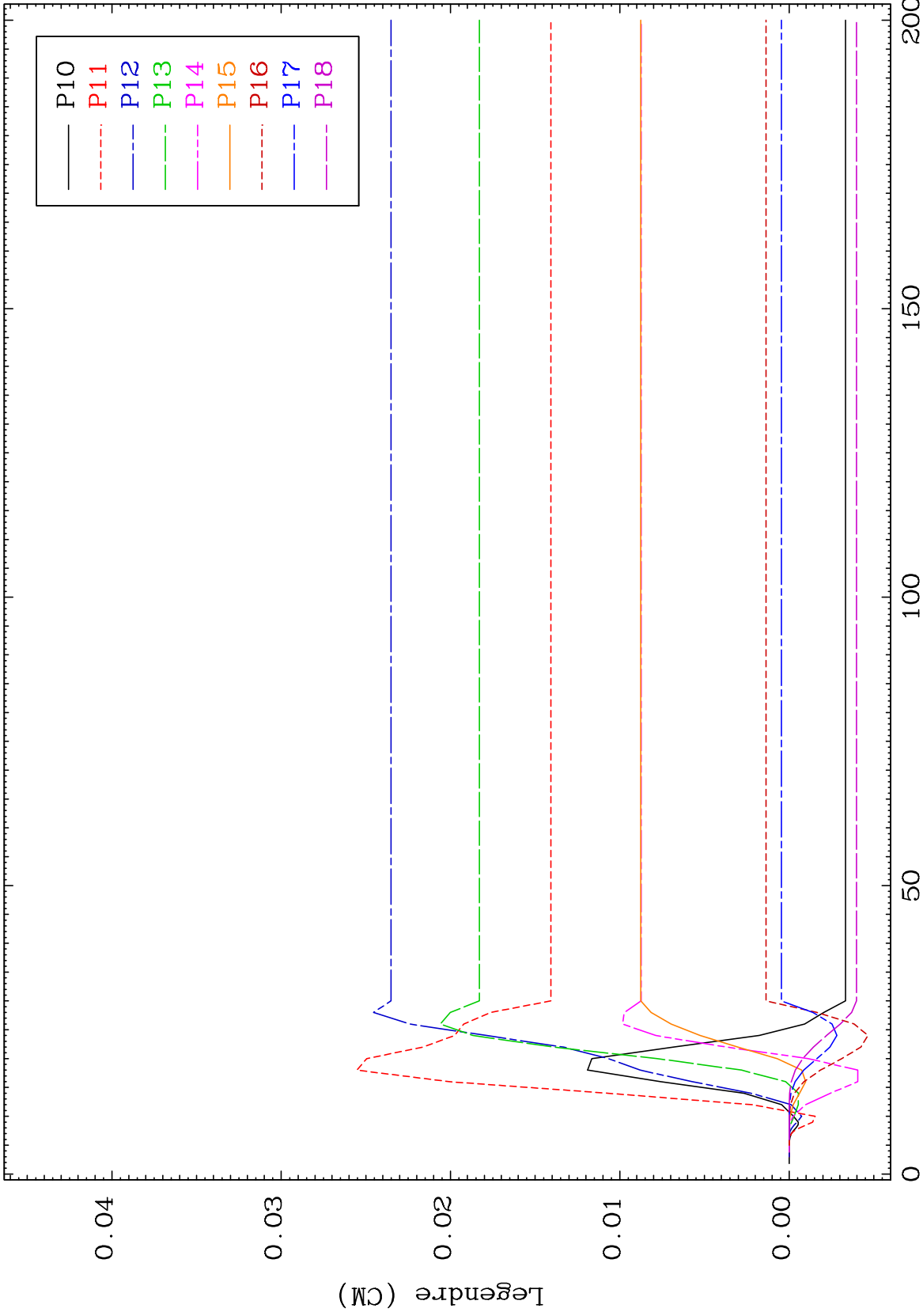
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



84

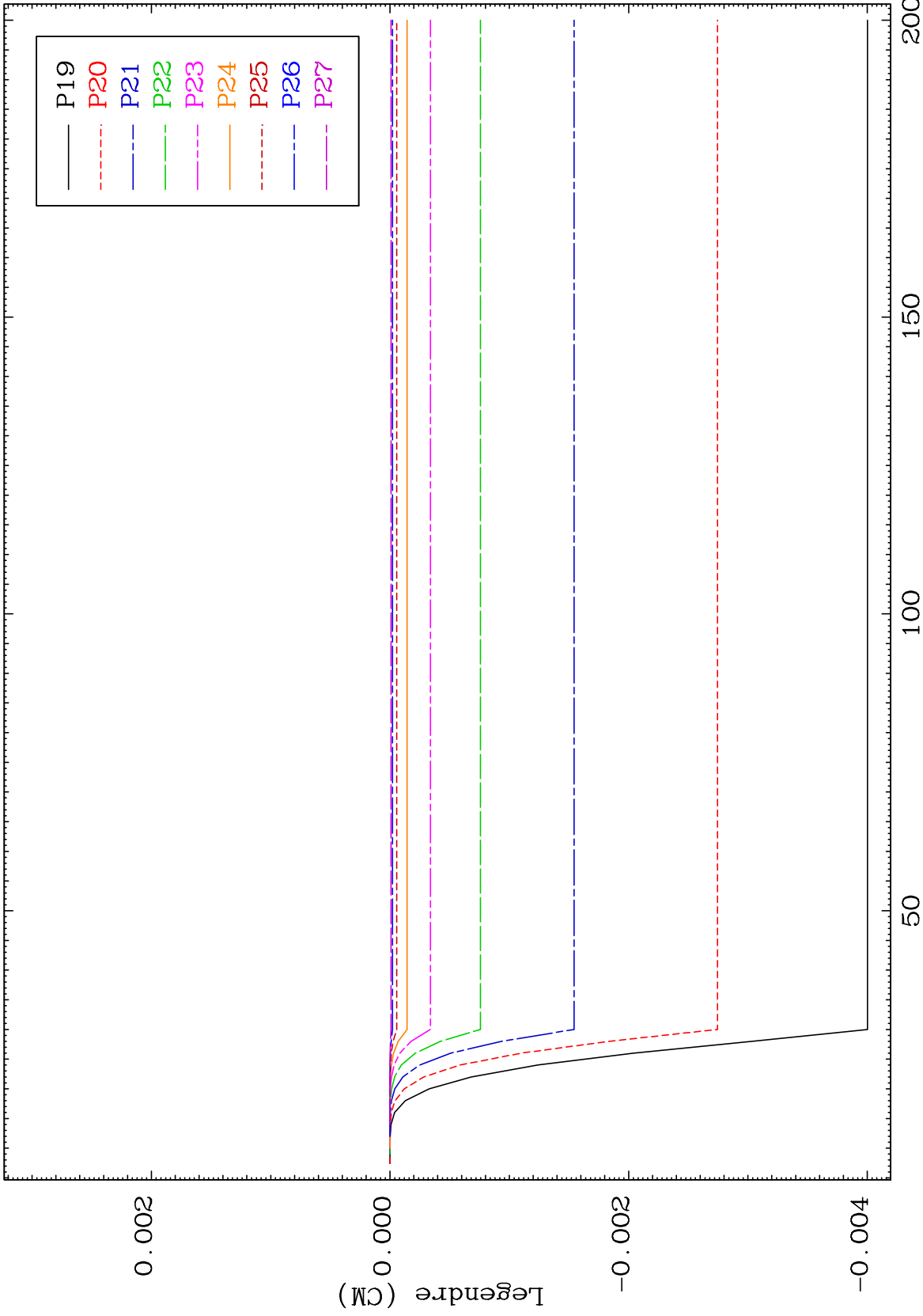
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



85

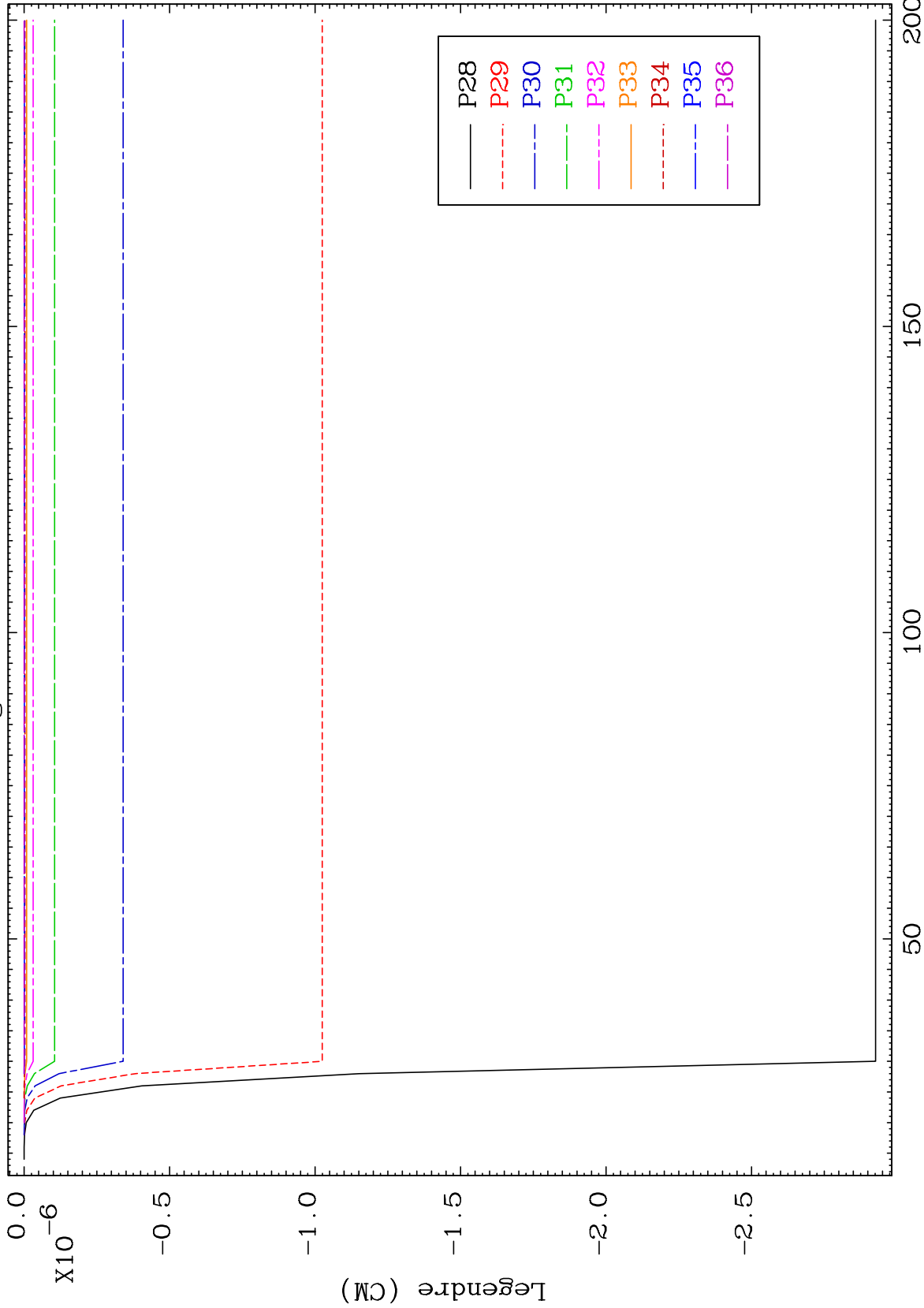
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



86

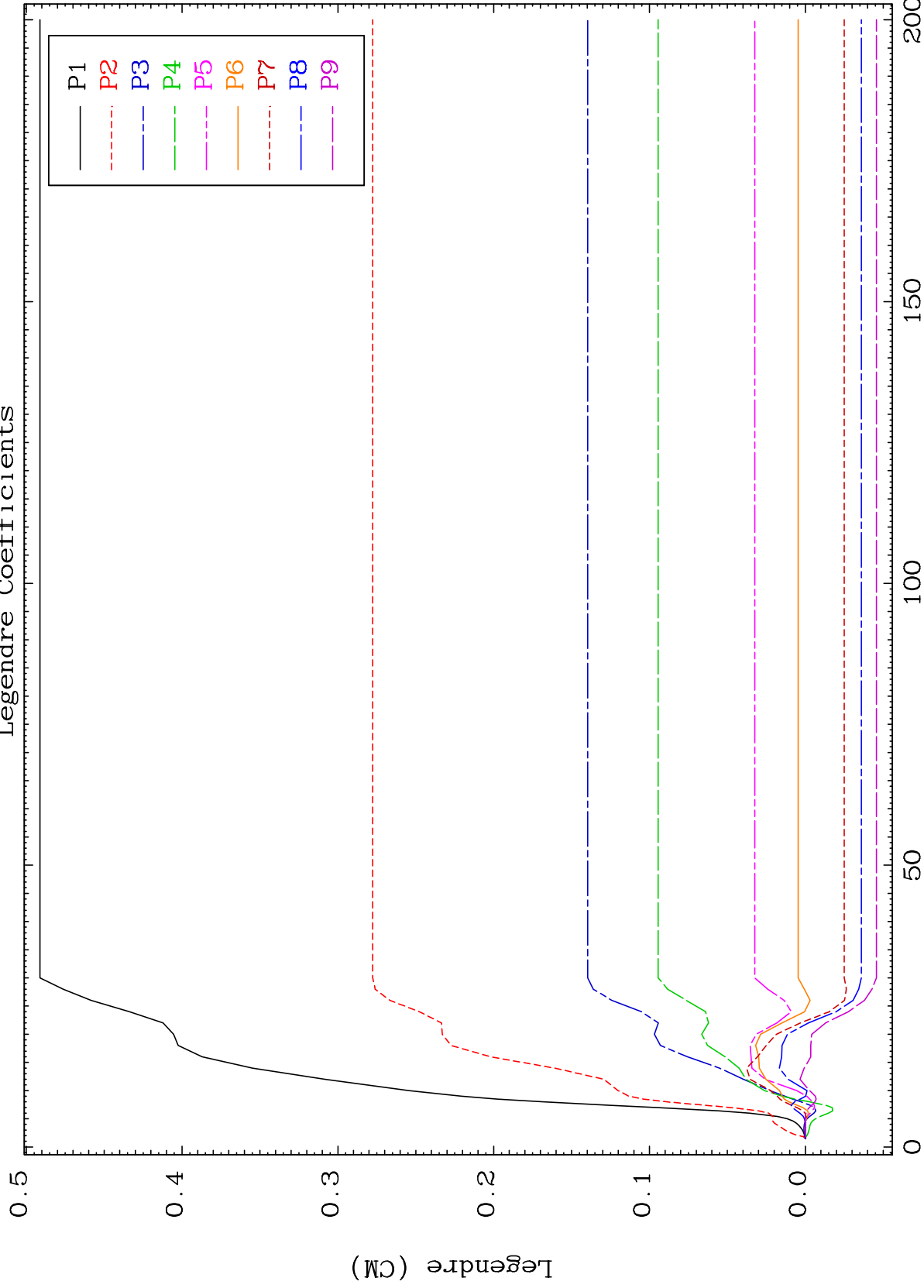
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



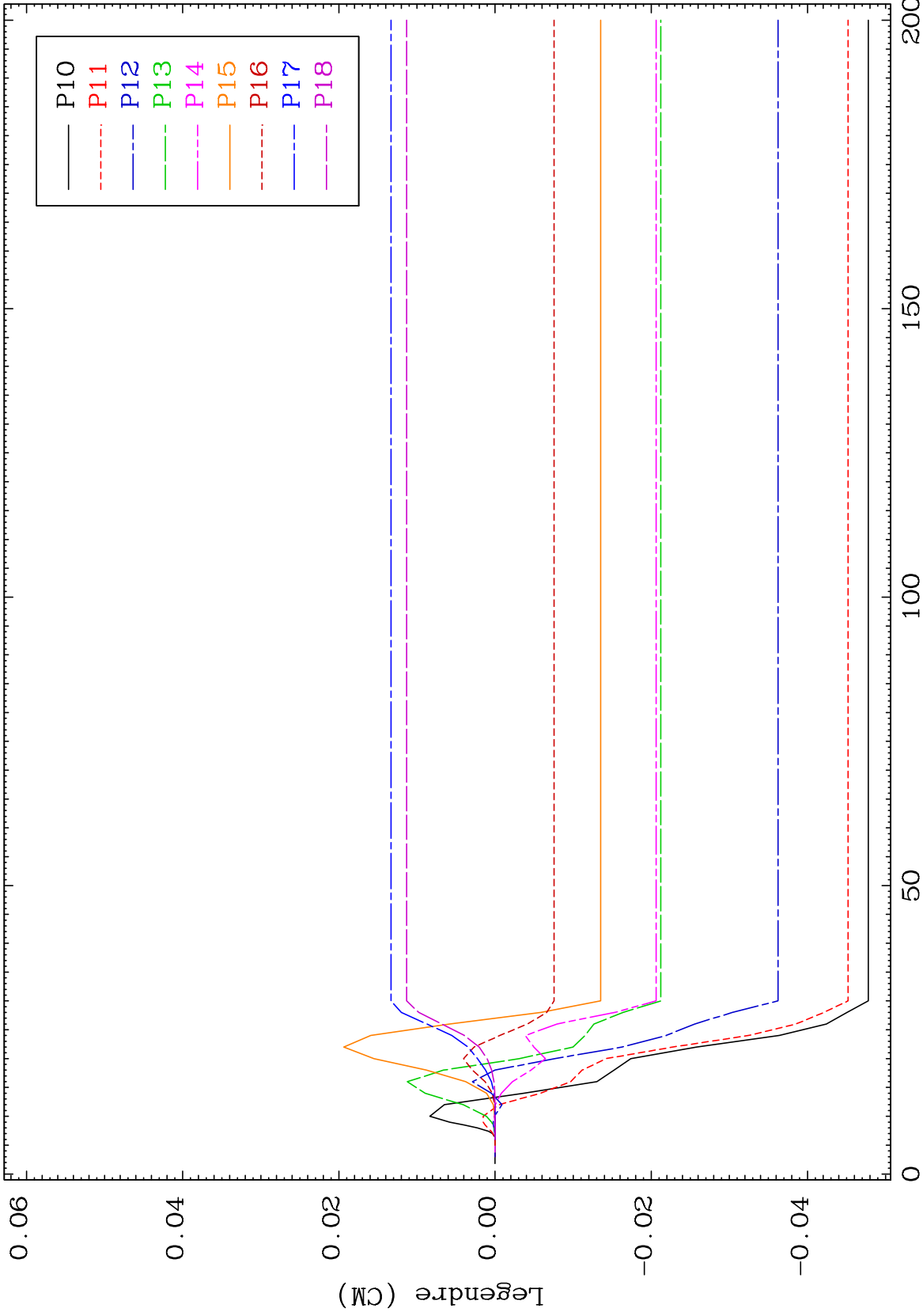
87

53-I -131

MAT 5337

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

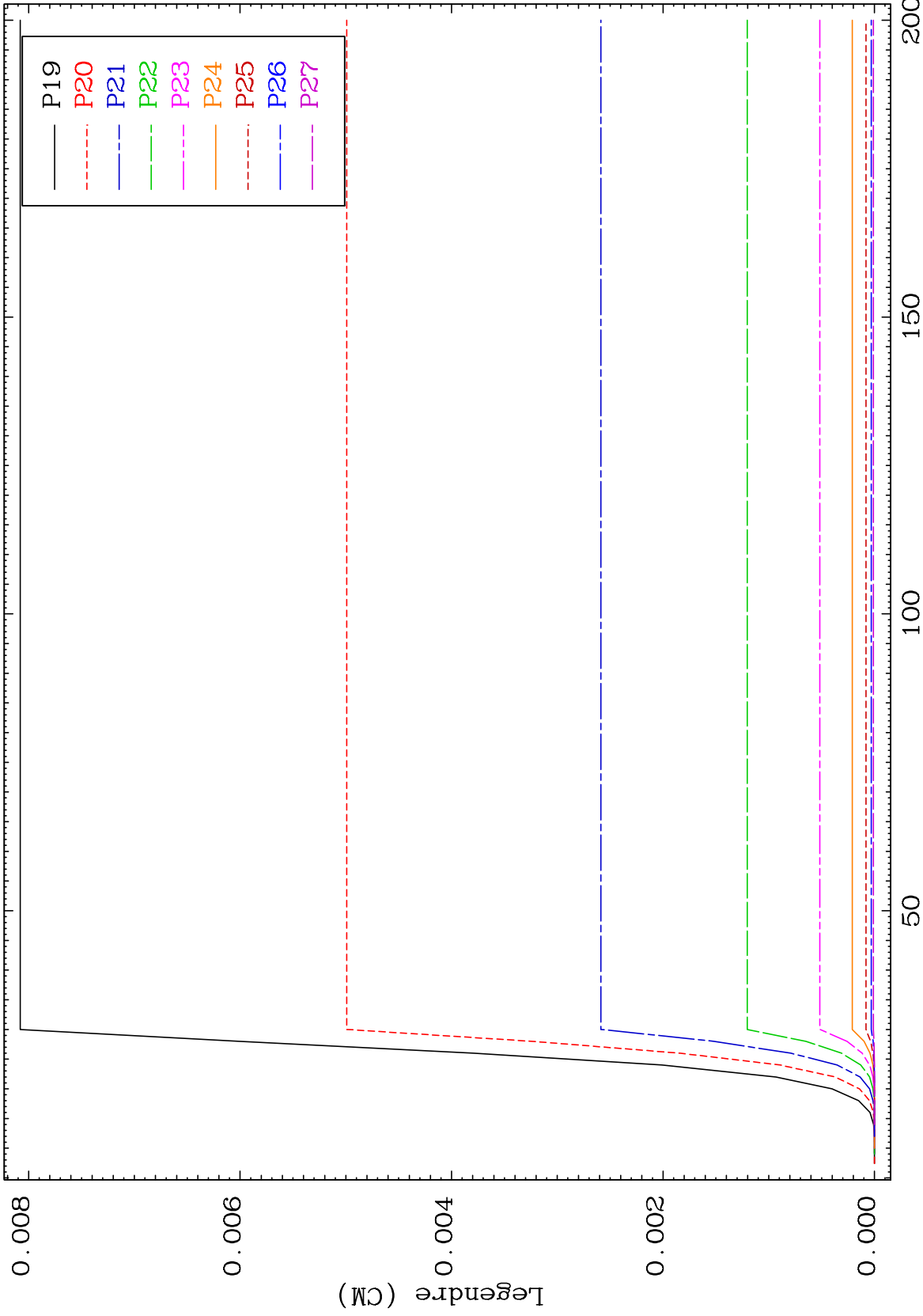
53-I -131



88

Incident Energy (MeV)

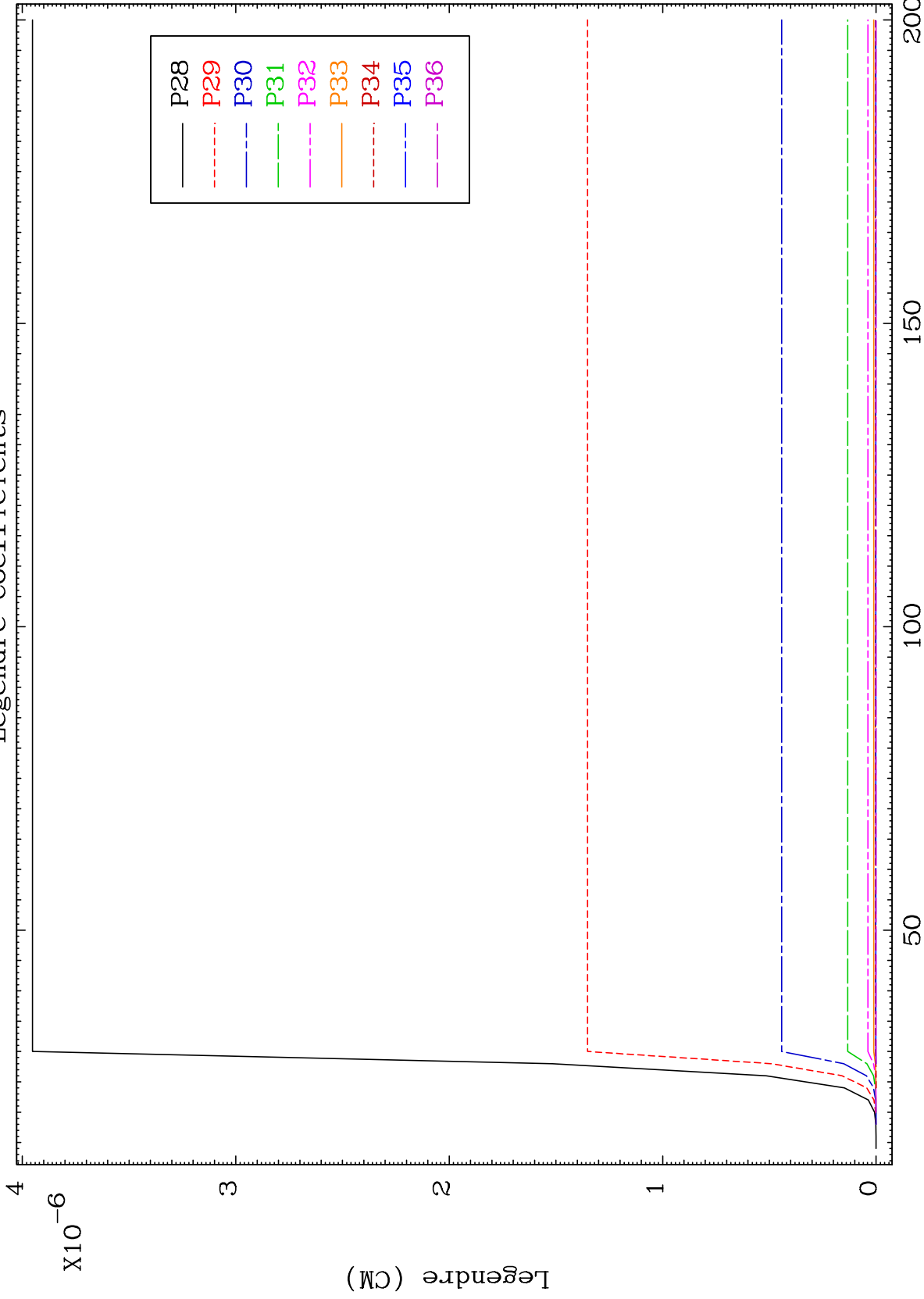
53-I -131



MAT 5337

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

53-I -131



90

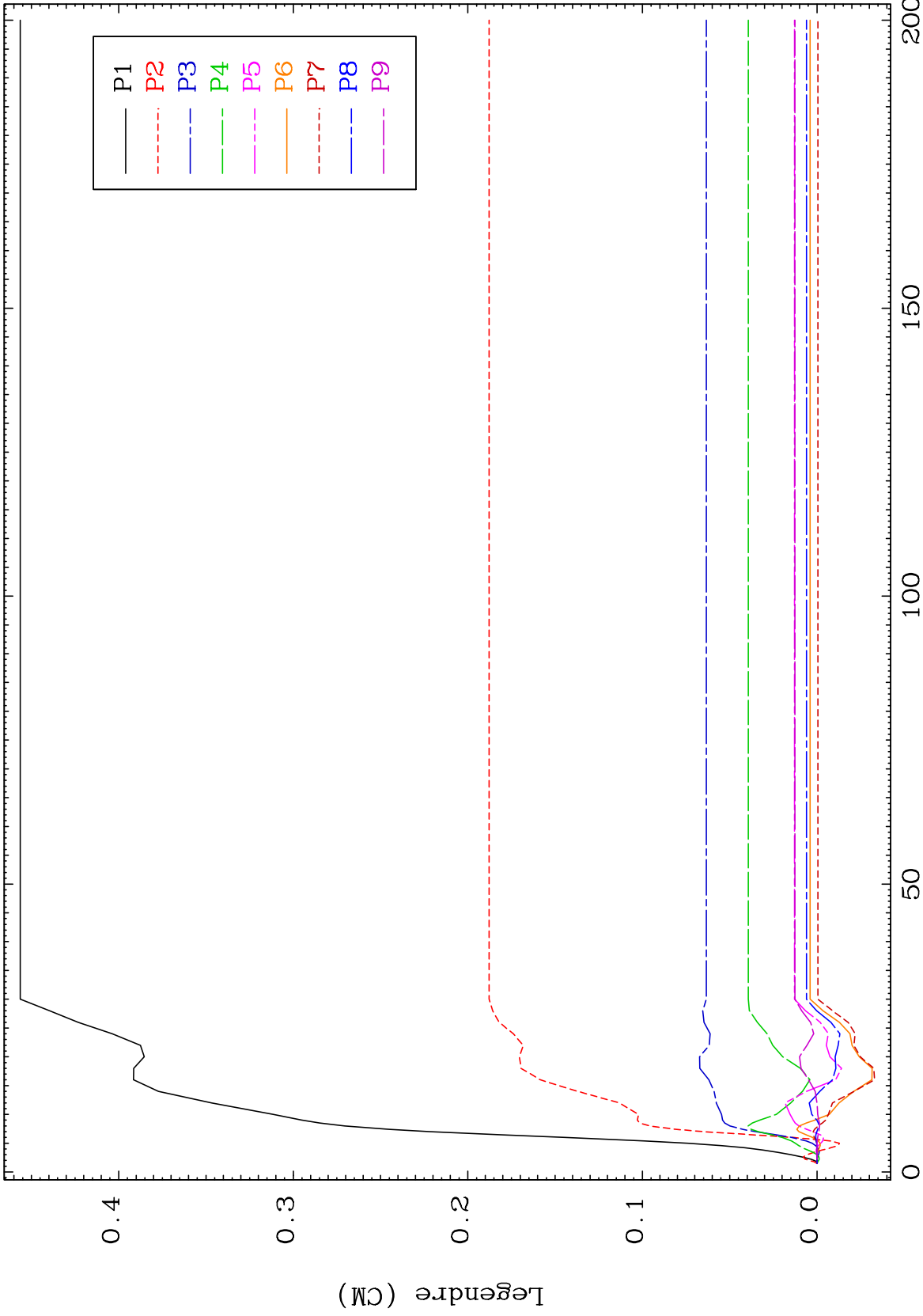
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



91

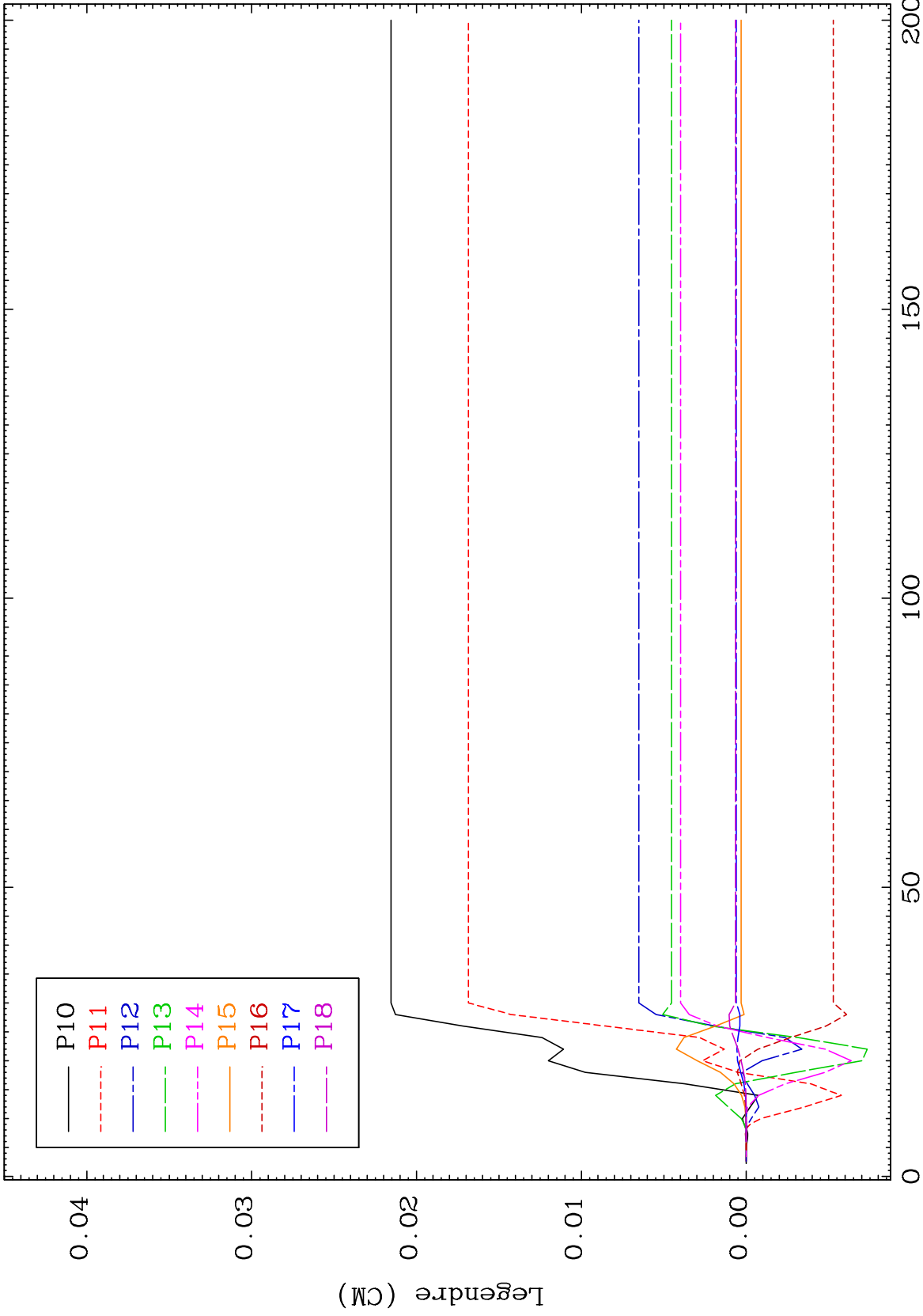
Incident Energy (MeV)

53-I -131

MAT 5337

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

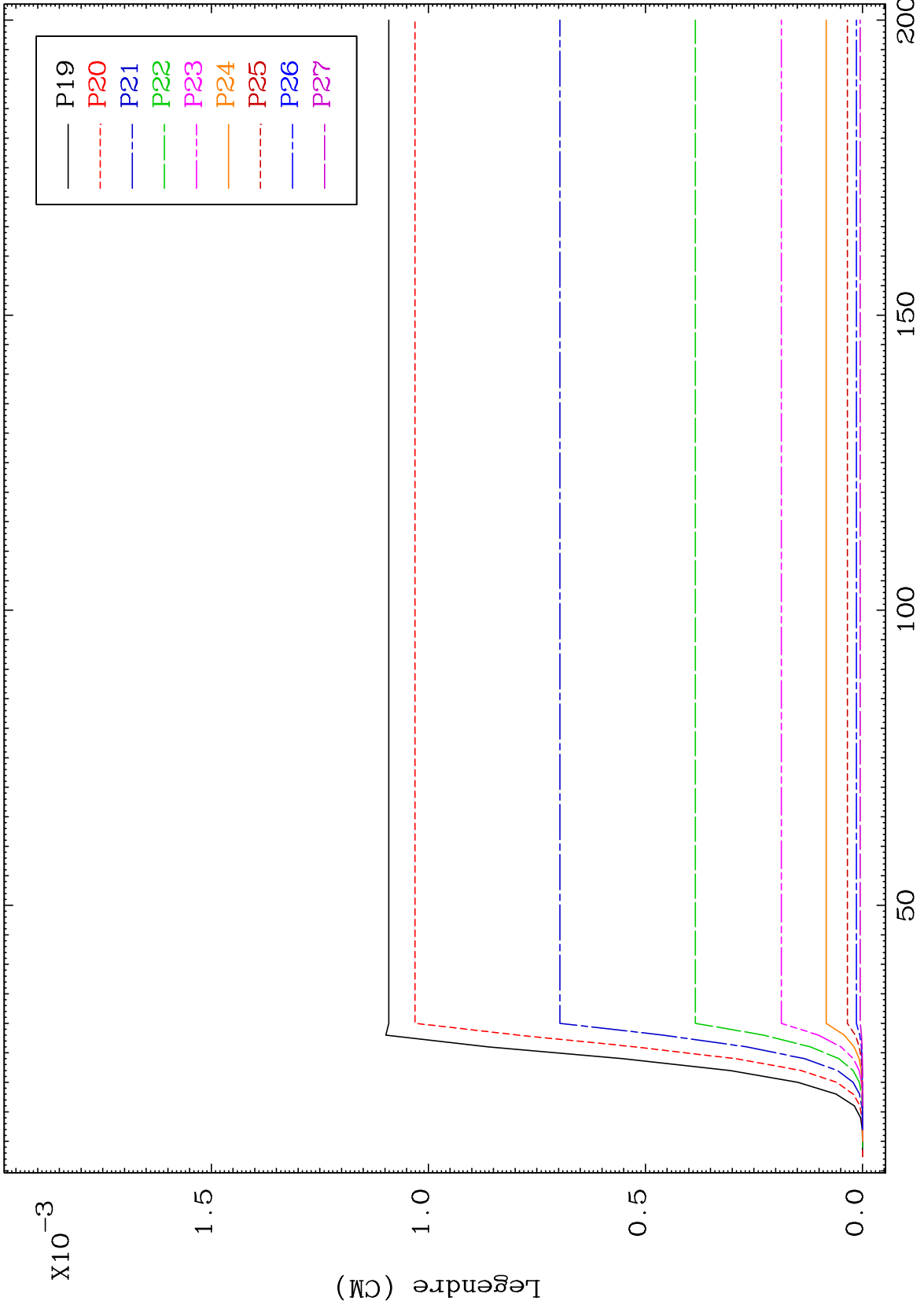
53-I -131



92

Incident Energy (MeV)

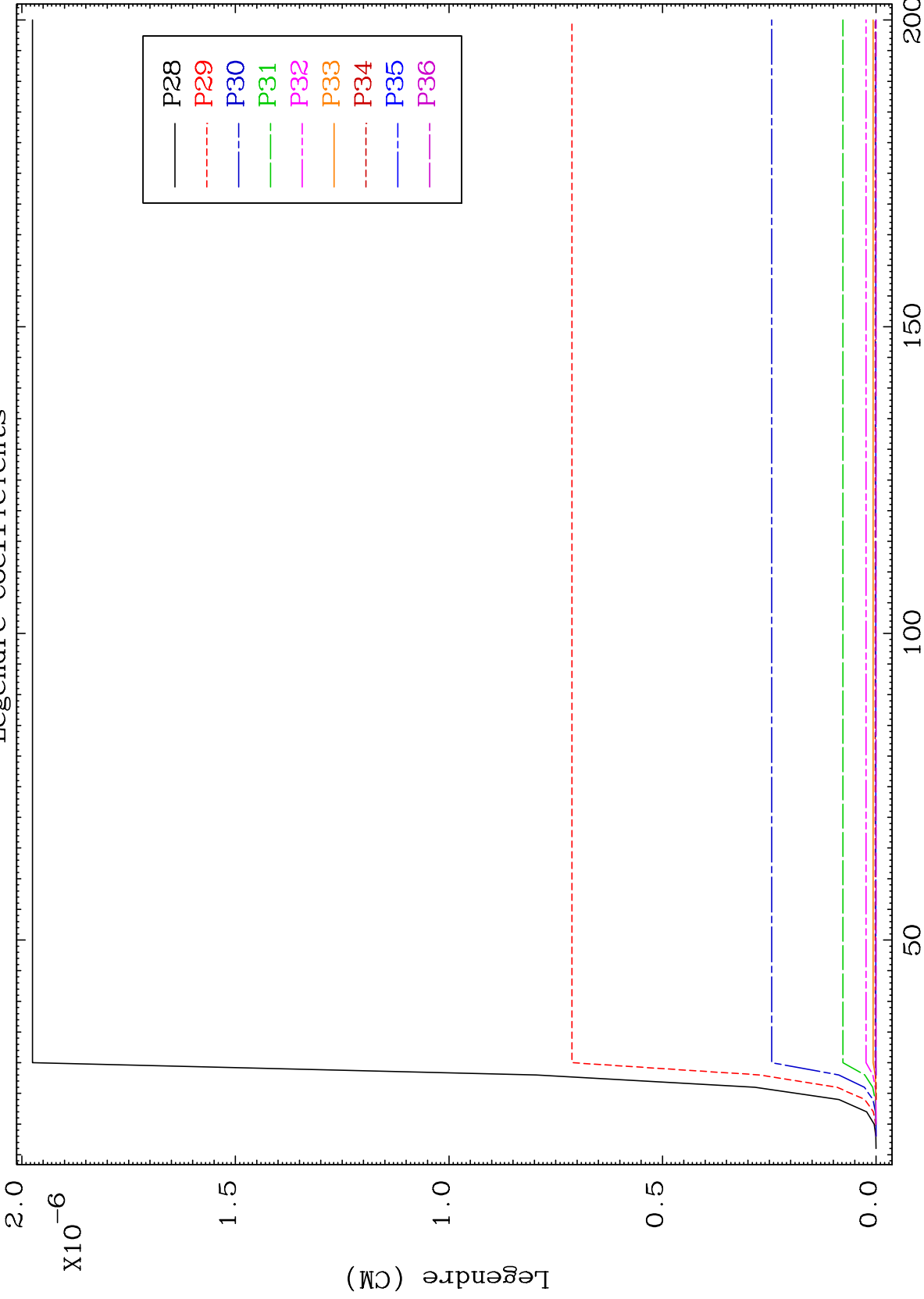
53-I -131



MAT 5337

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

53-I -131



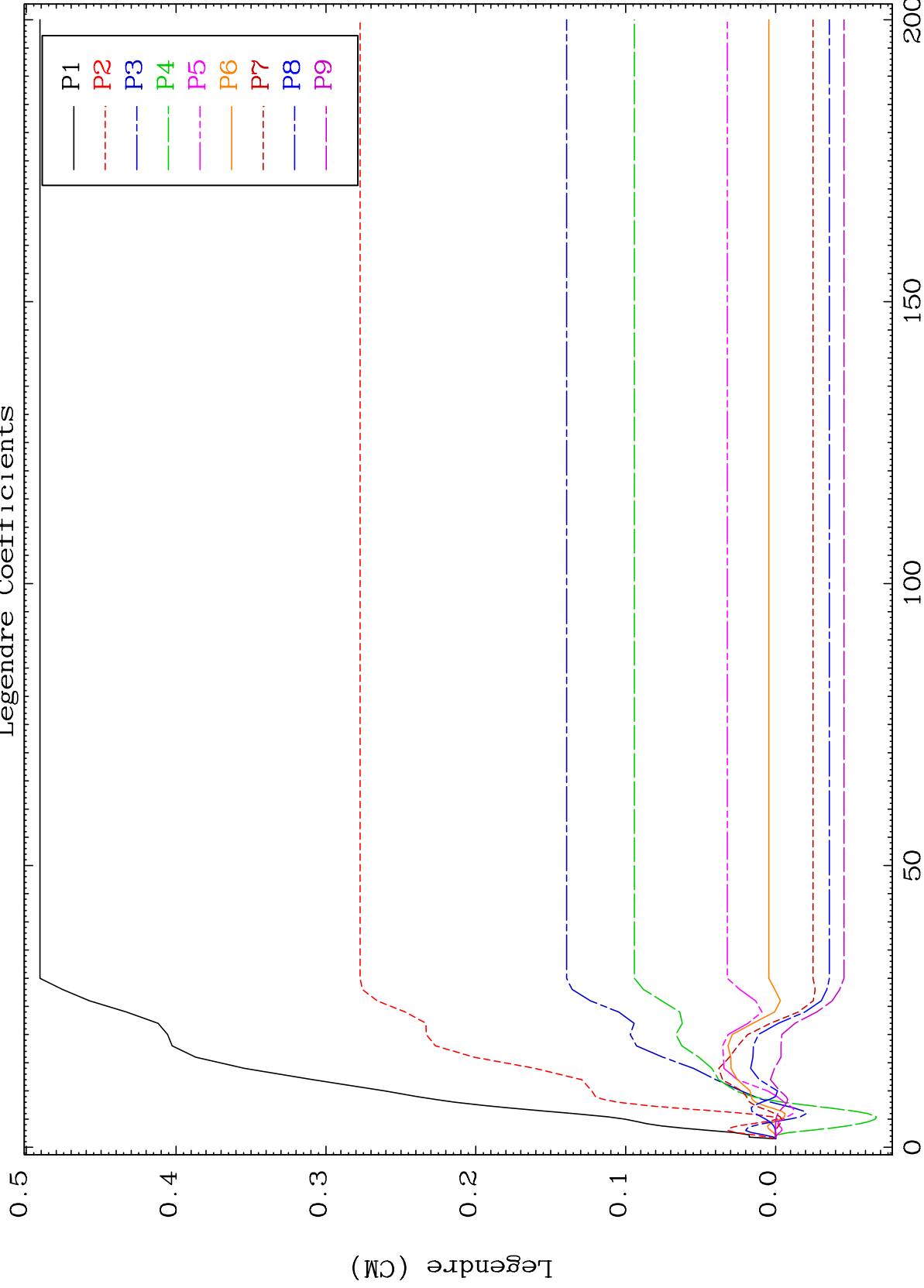
94

53-I -131

MAT 5337

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

53-I -131



95

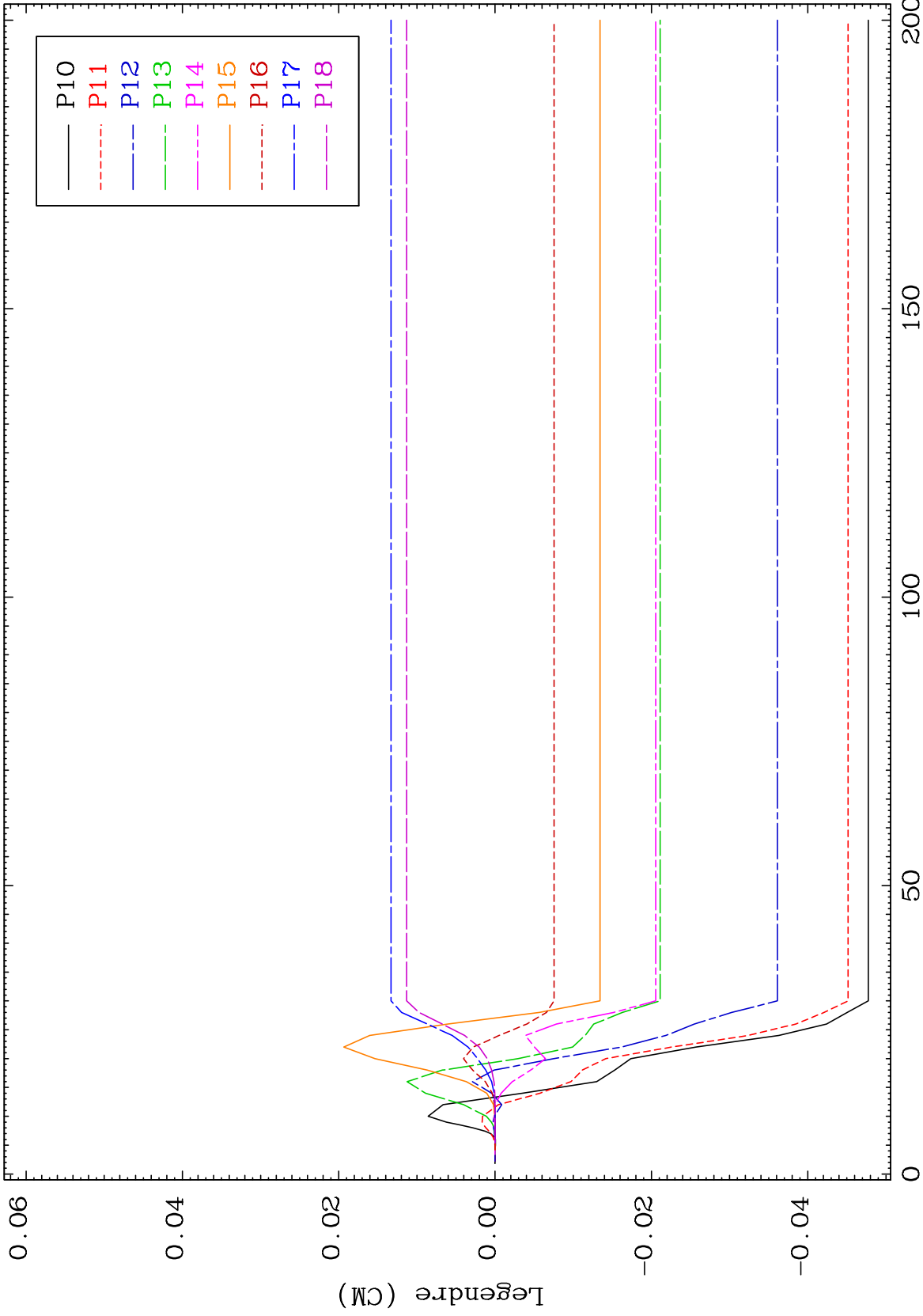
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



96

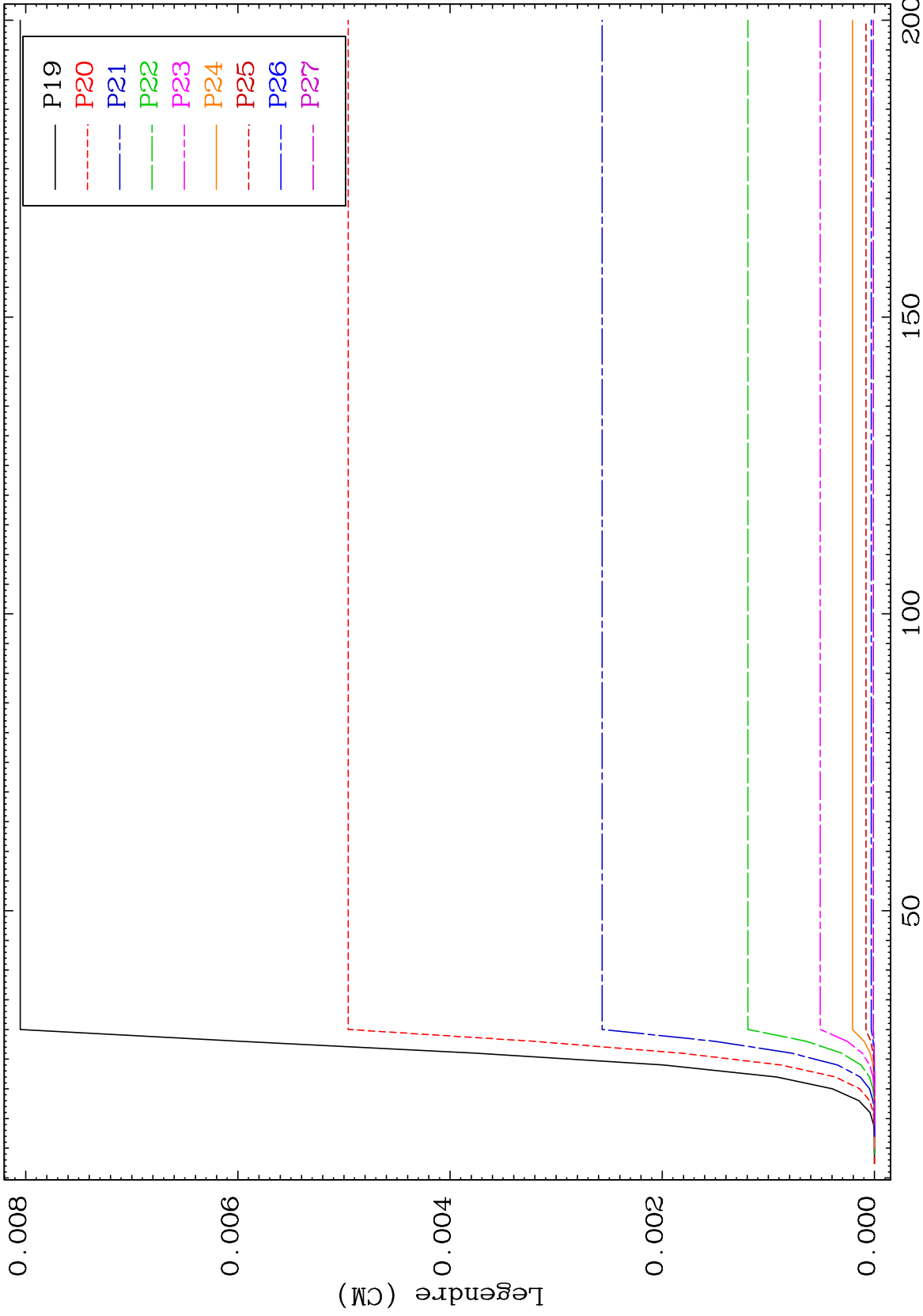
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



97

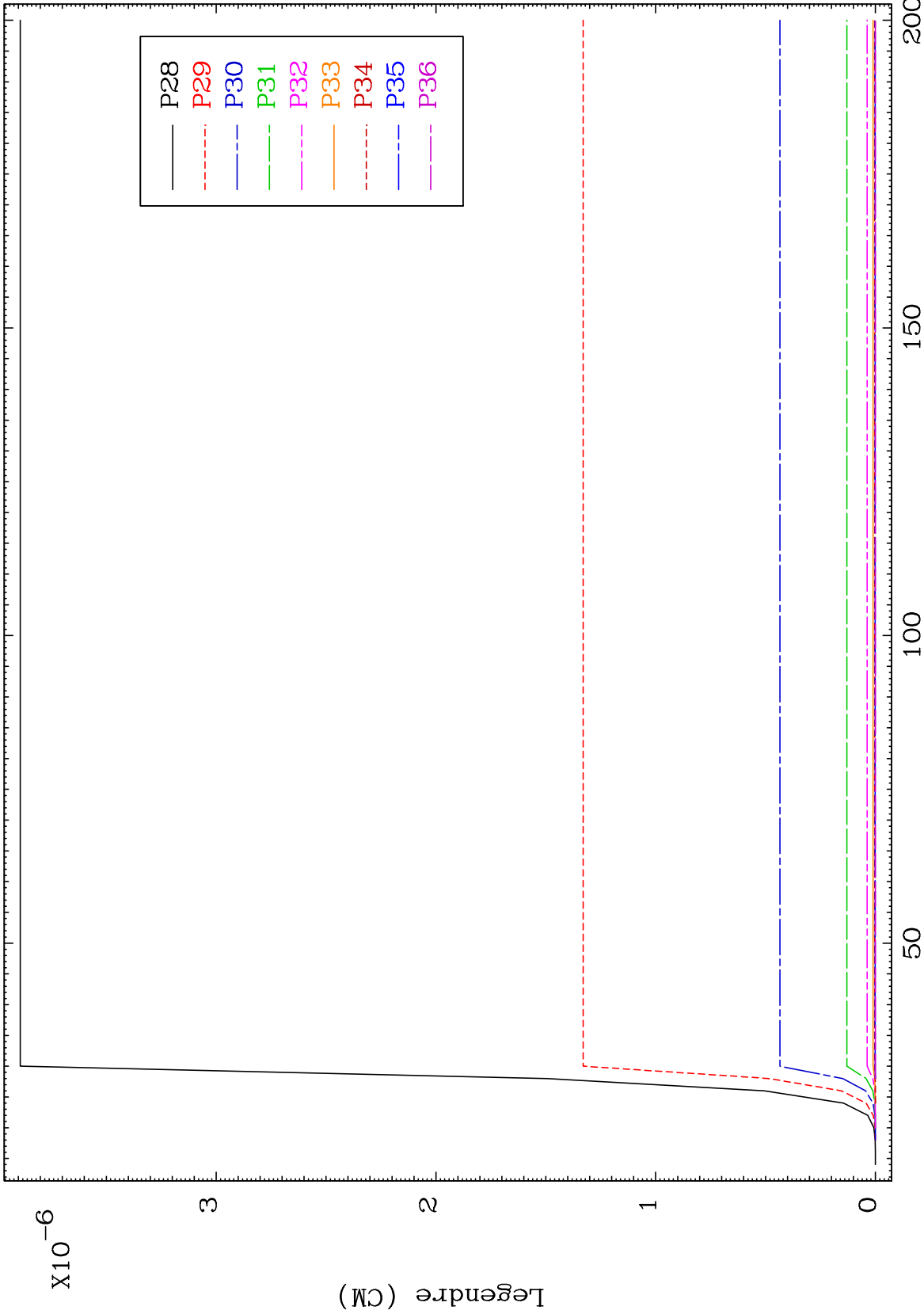
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



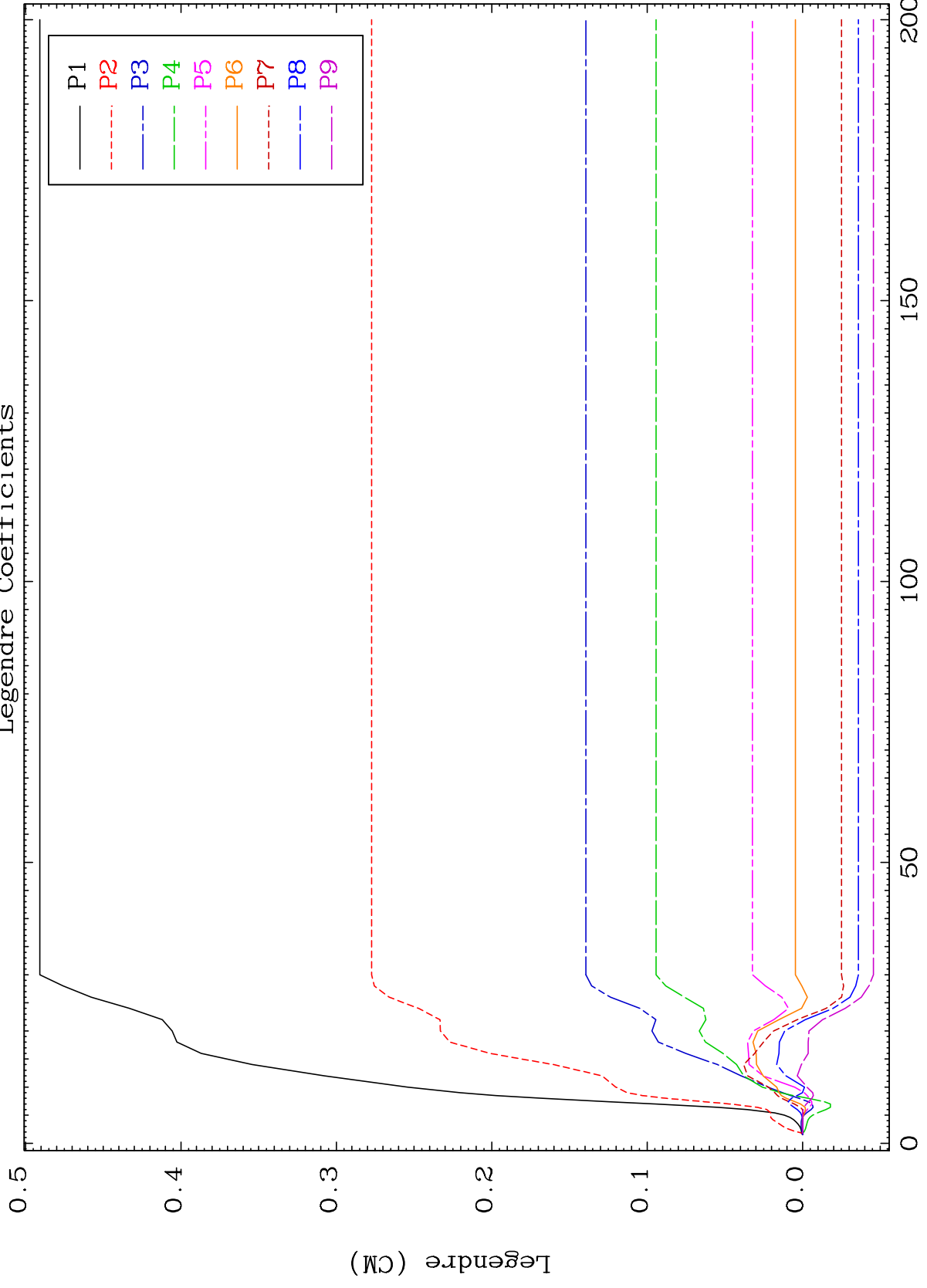
98

53-I -131

MAT 5337

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

53-I -131



99

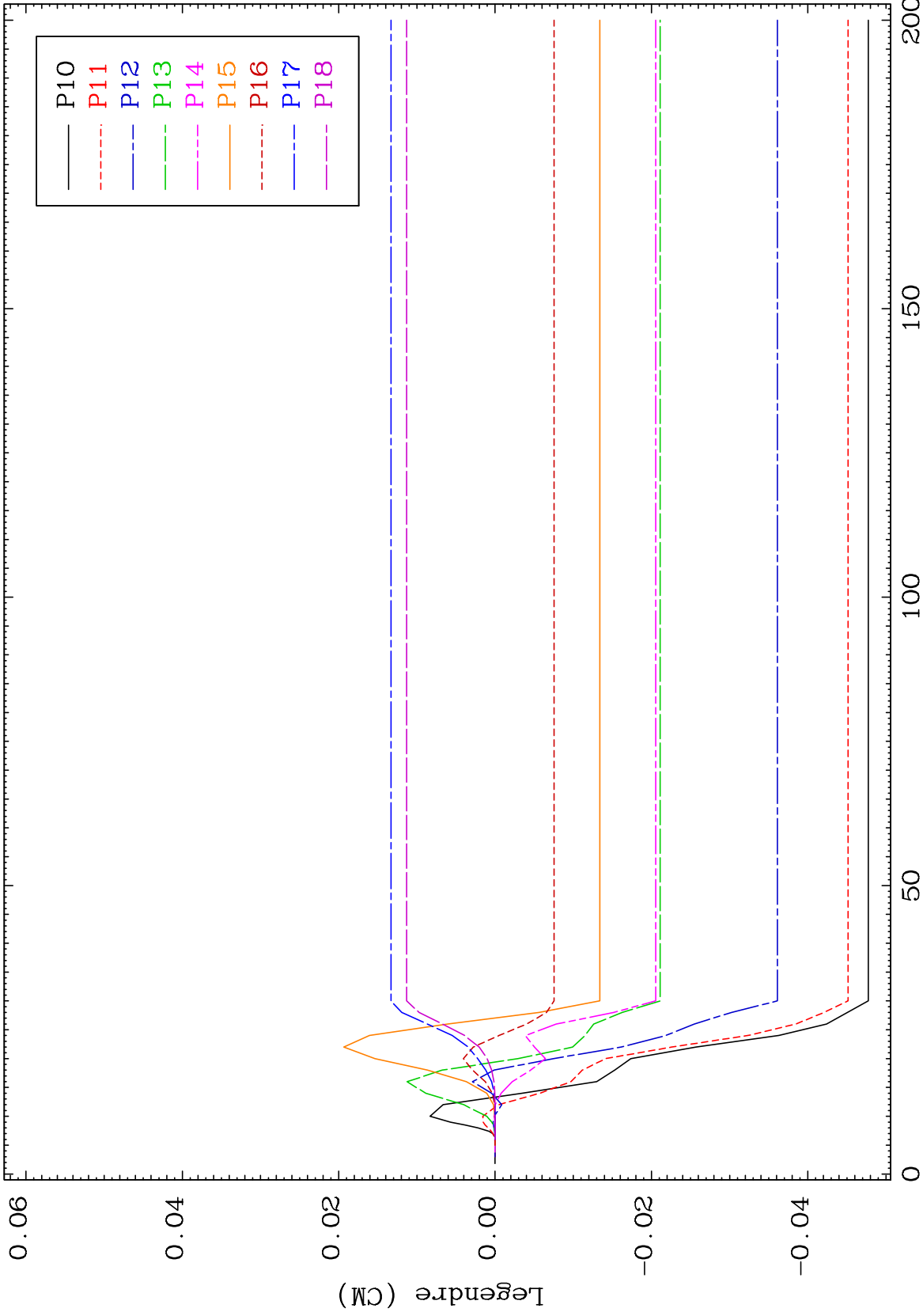
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



53-I -131

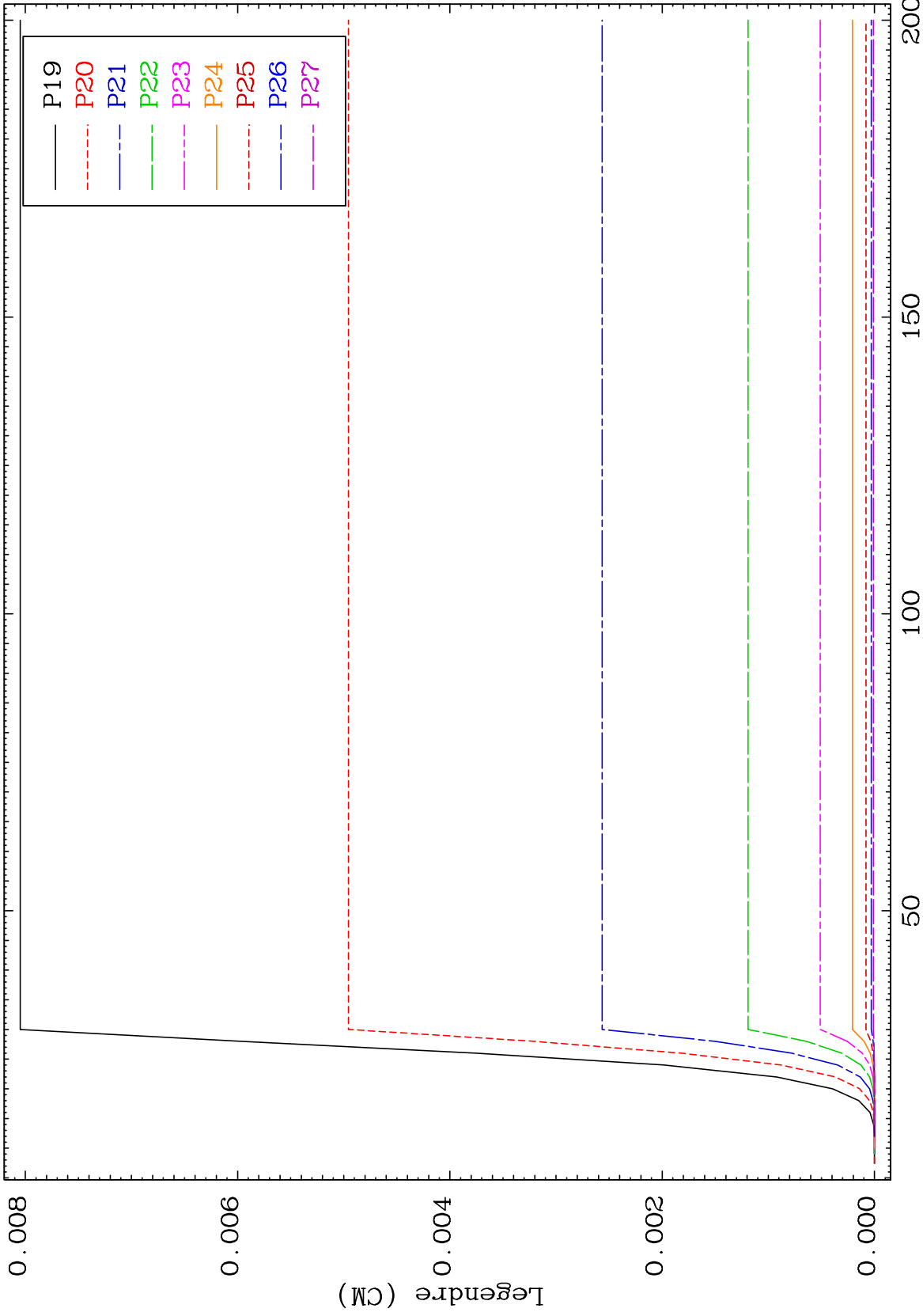
Incident Energy (MeV)

100

MAT 5337

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

53-I -131



101

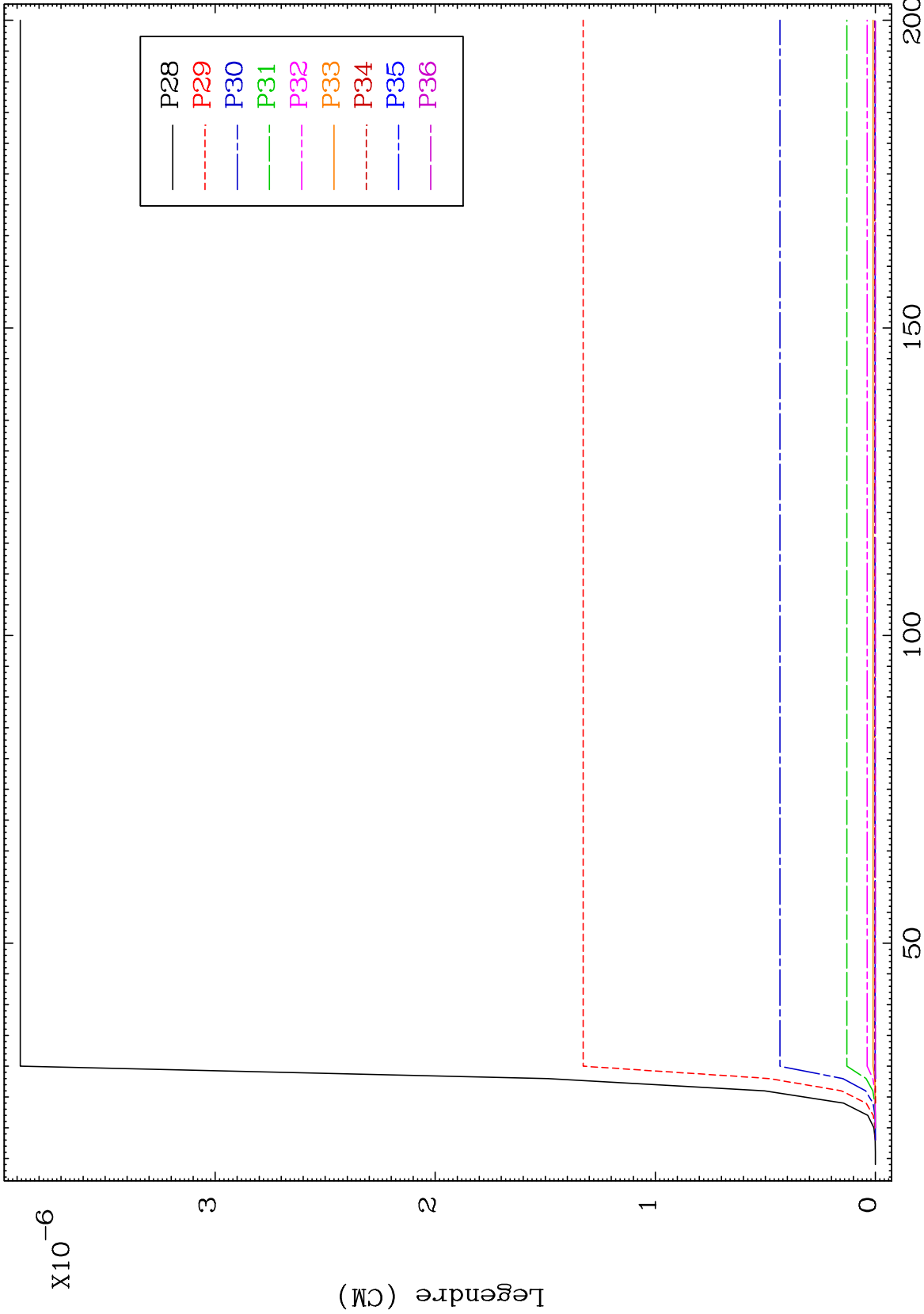
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



102

Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



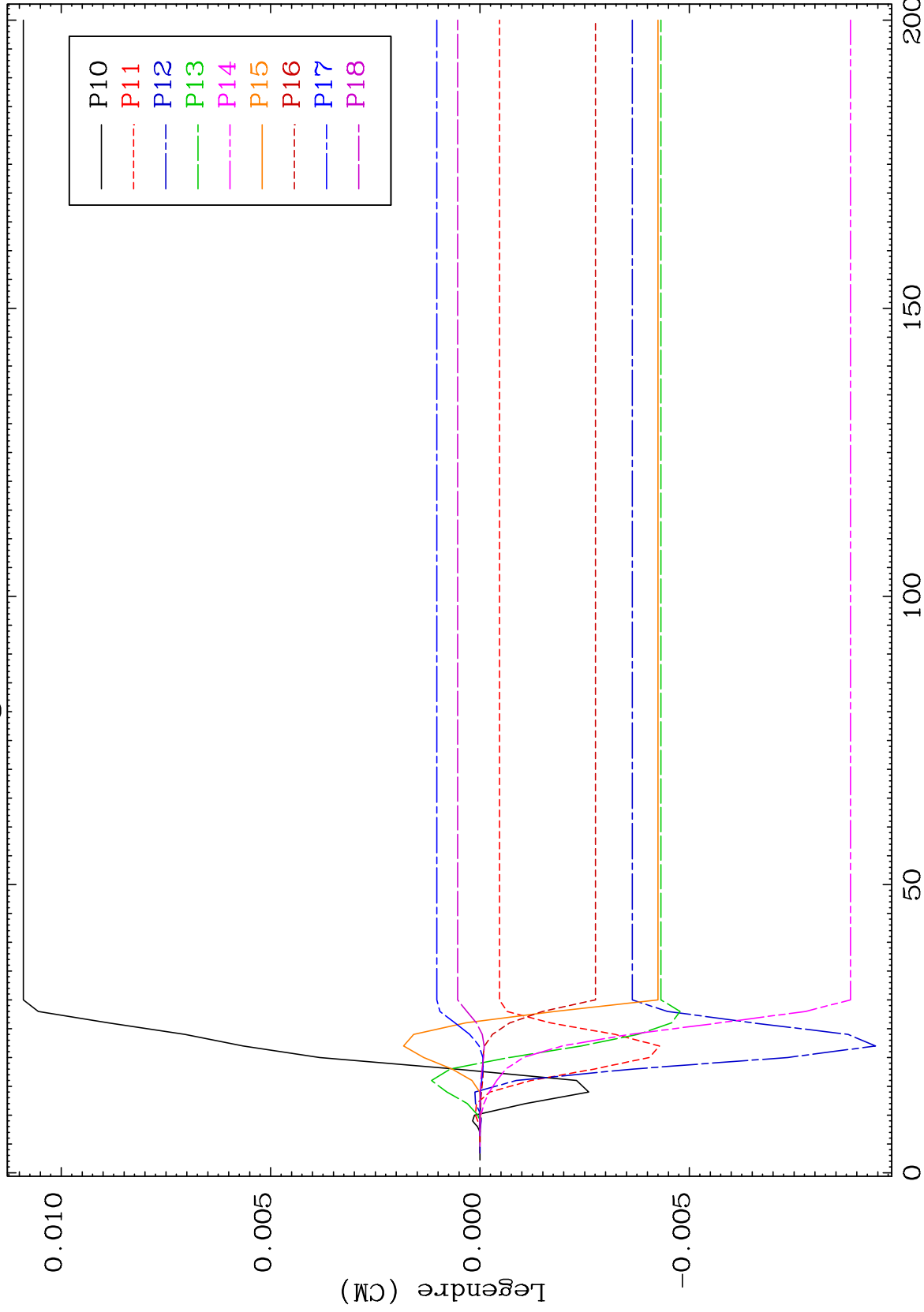
103

53-I -131

MAT 5337

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

53-I -131



104

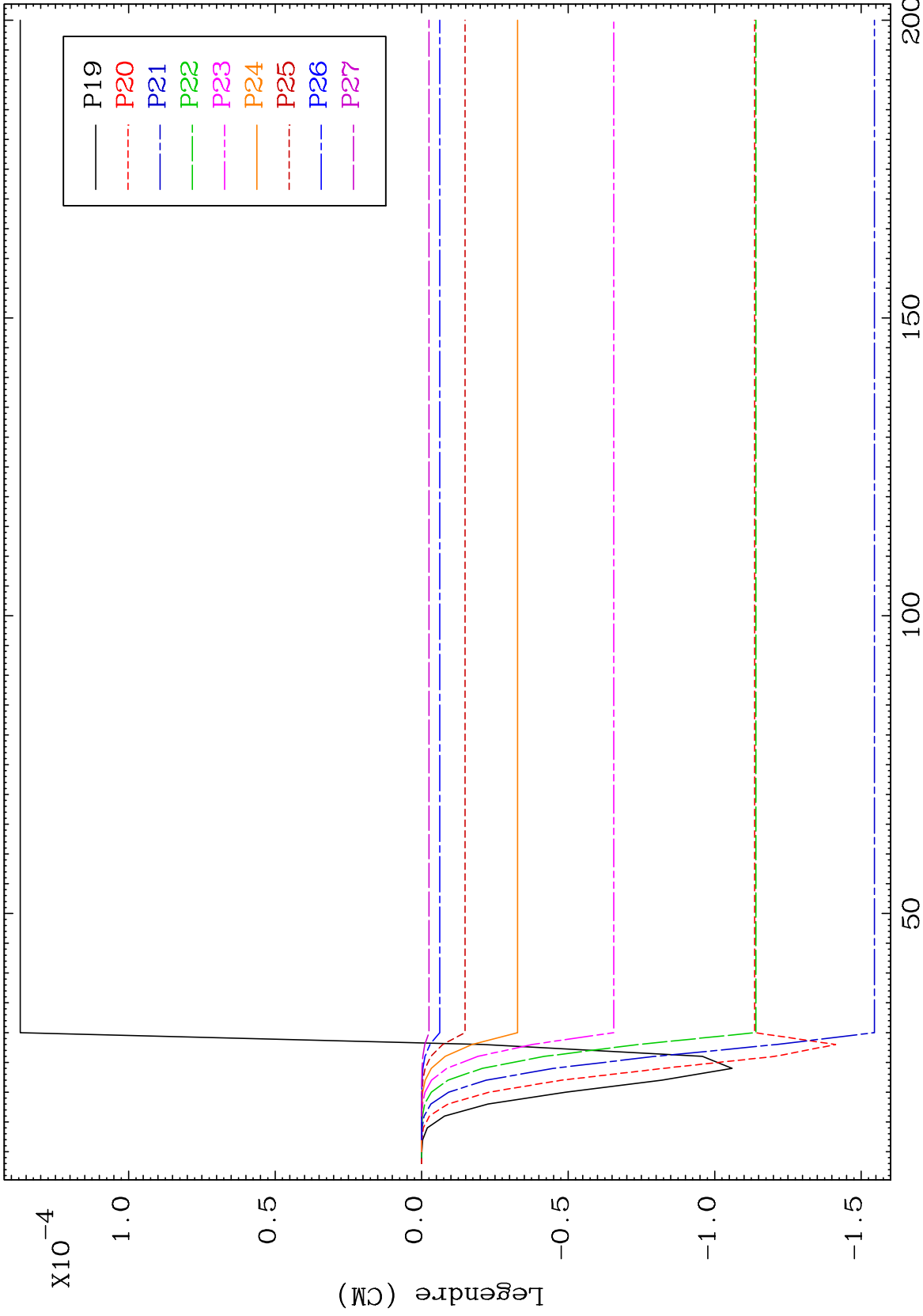
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



105

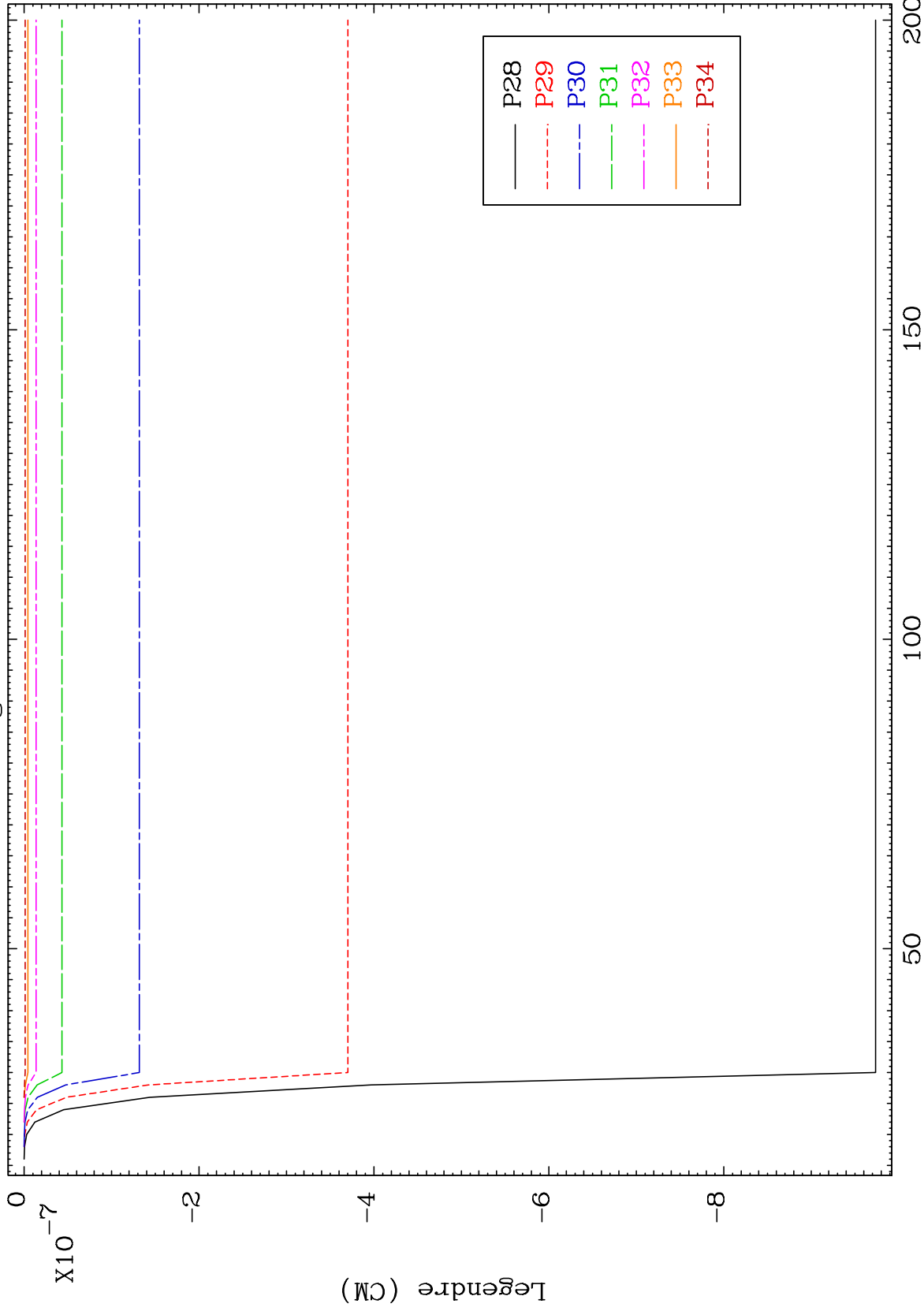
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



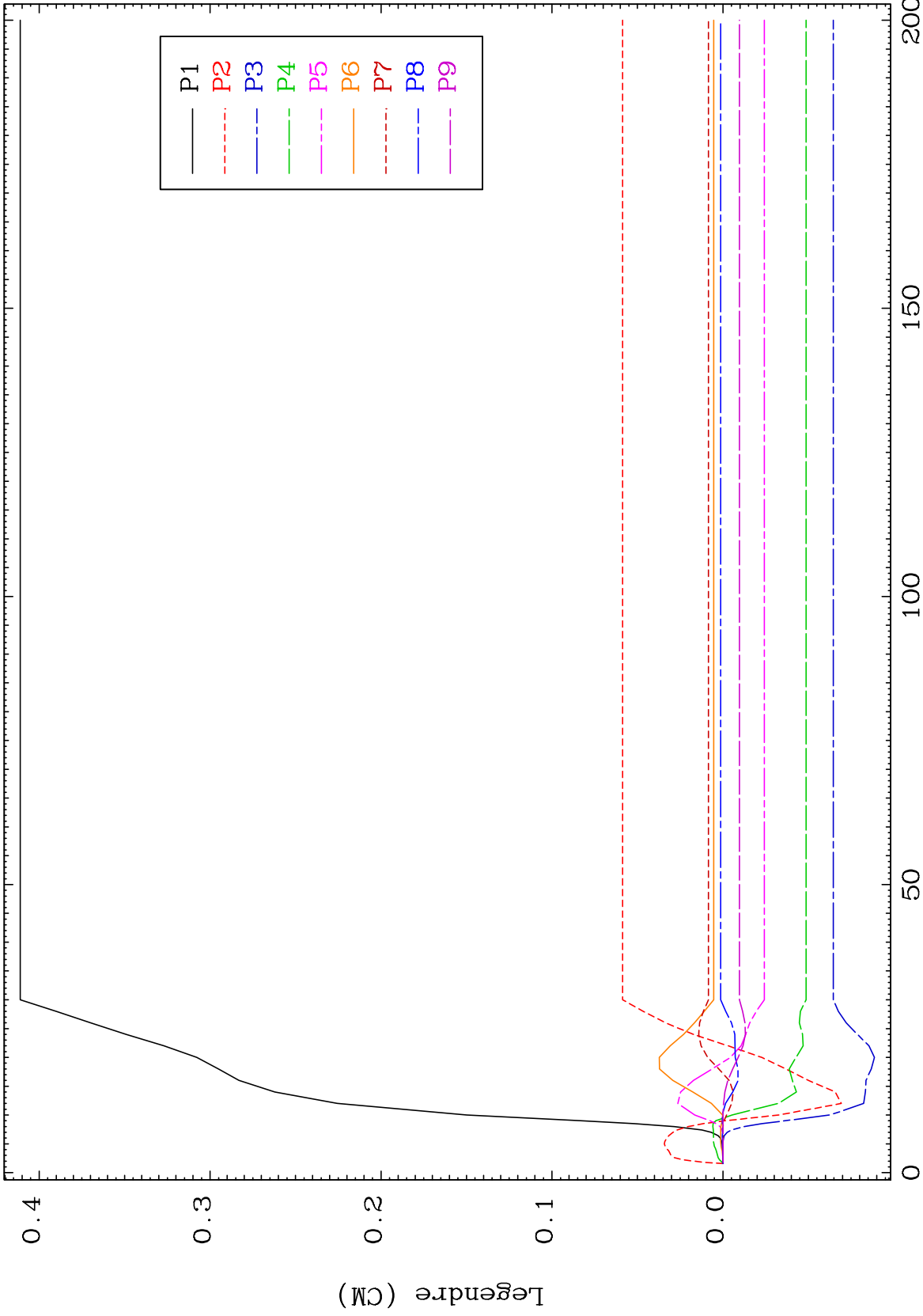
106

53-I -131

MAT 5337

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

53-I -131



107

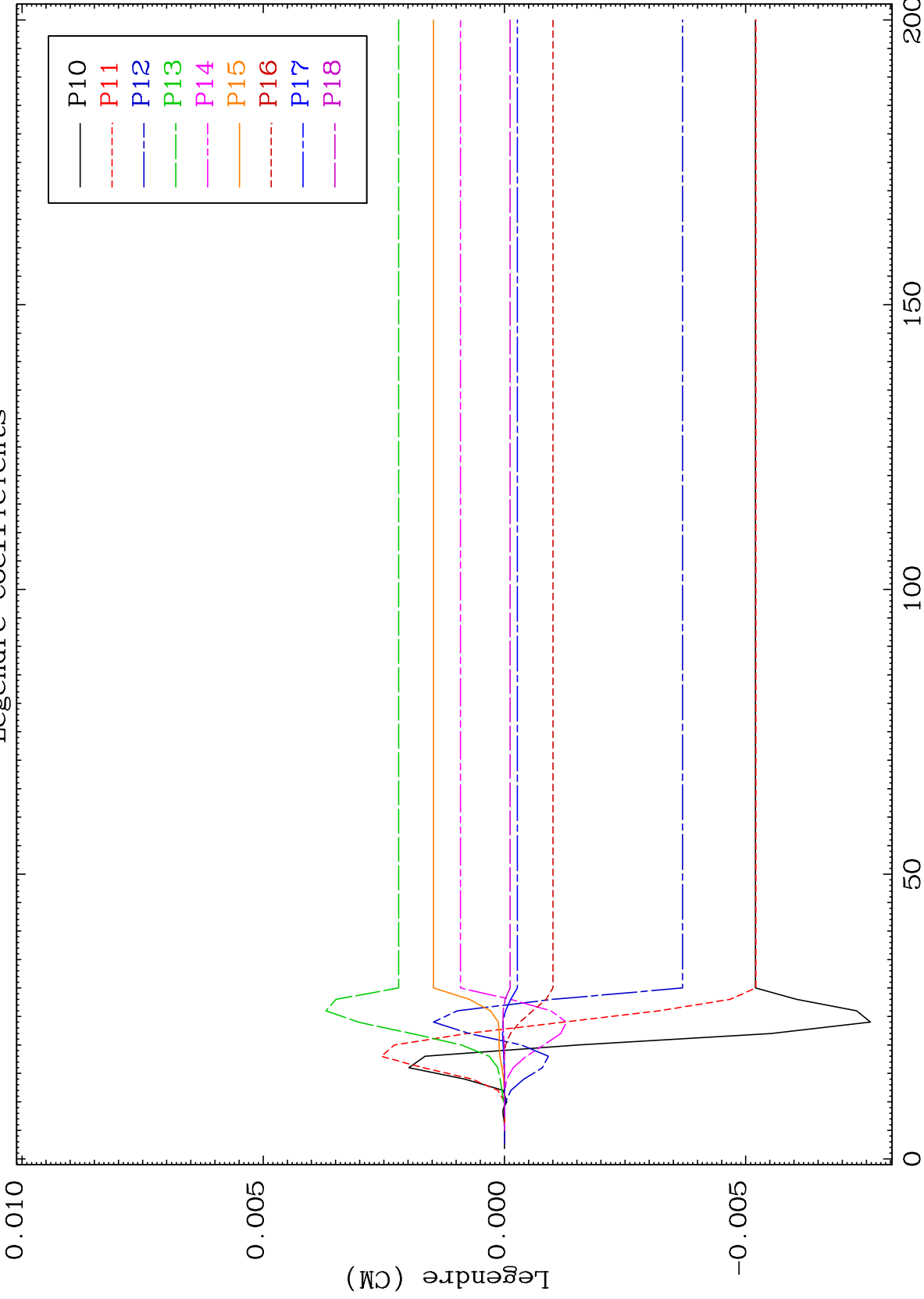
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



108

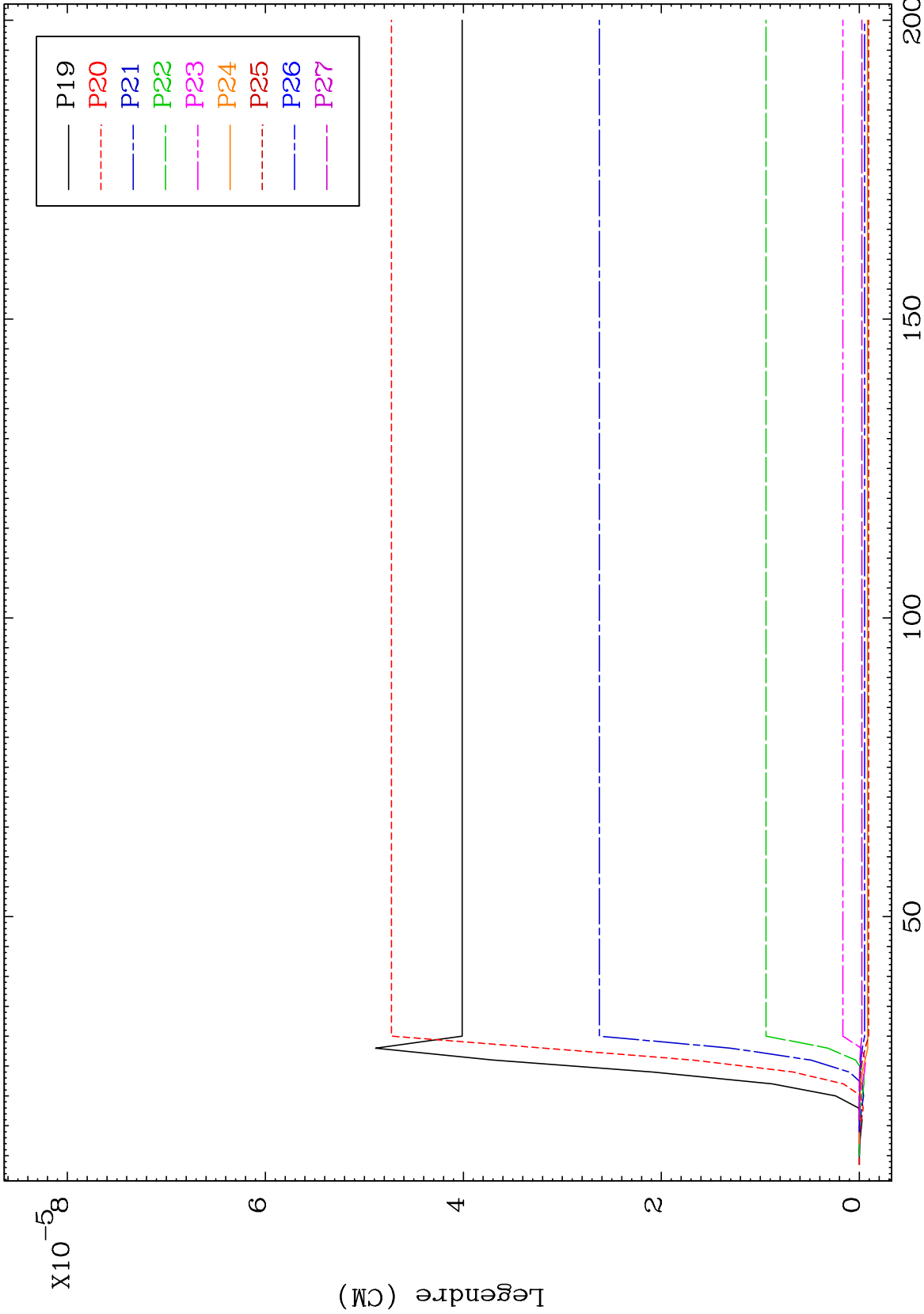
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



109

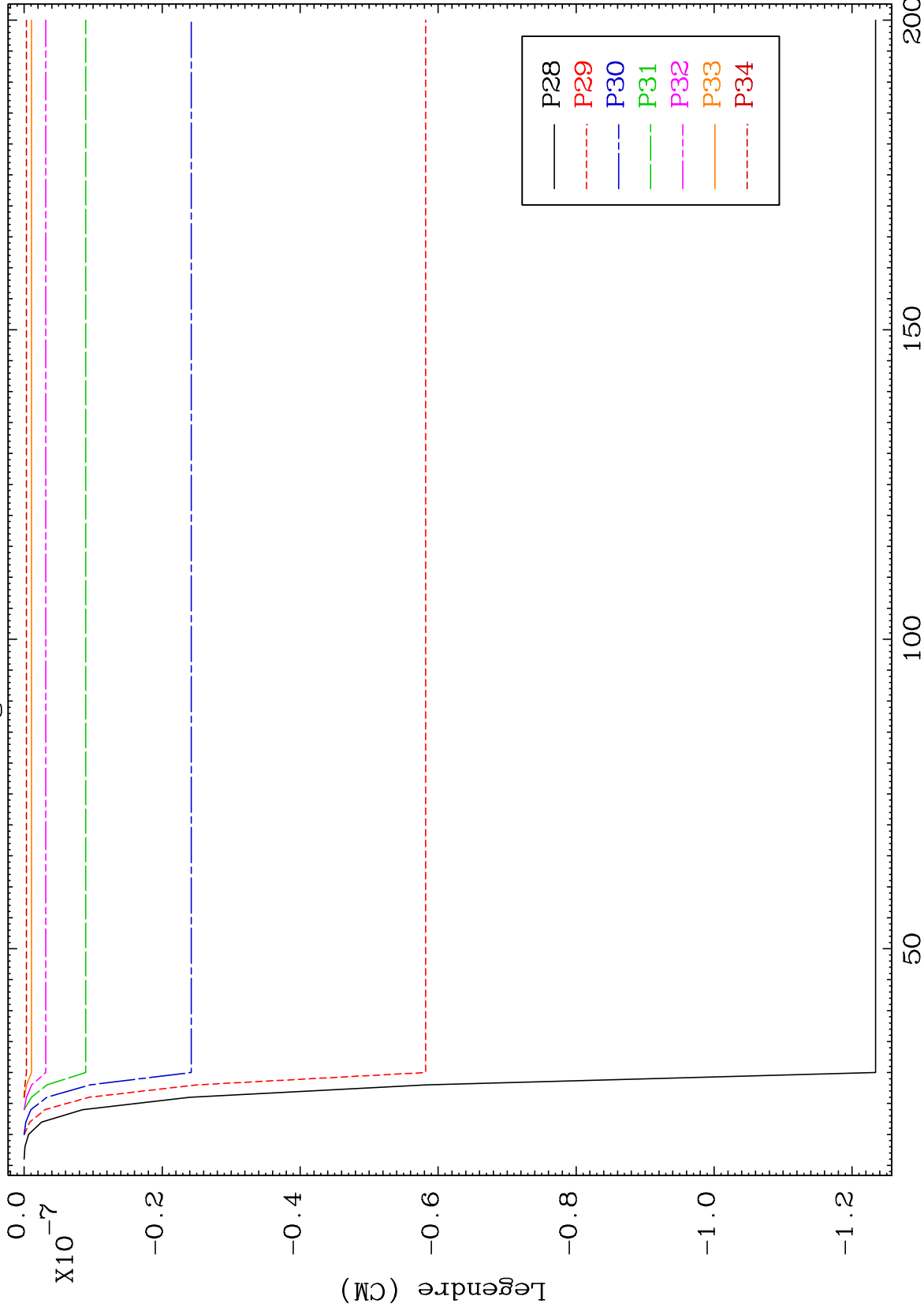
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



110

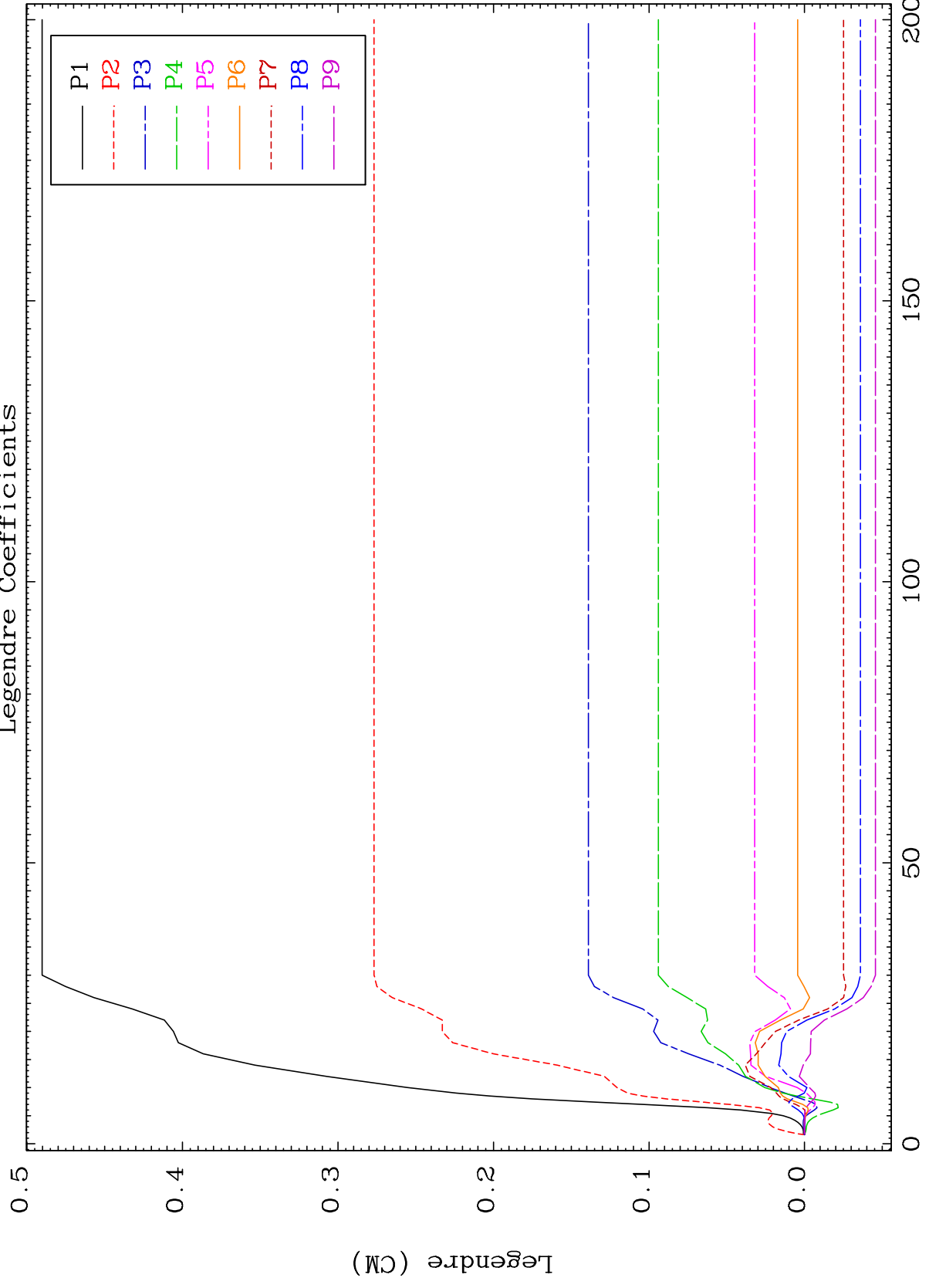
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



111

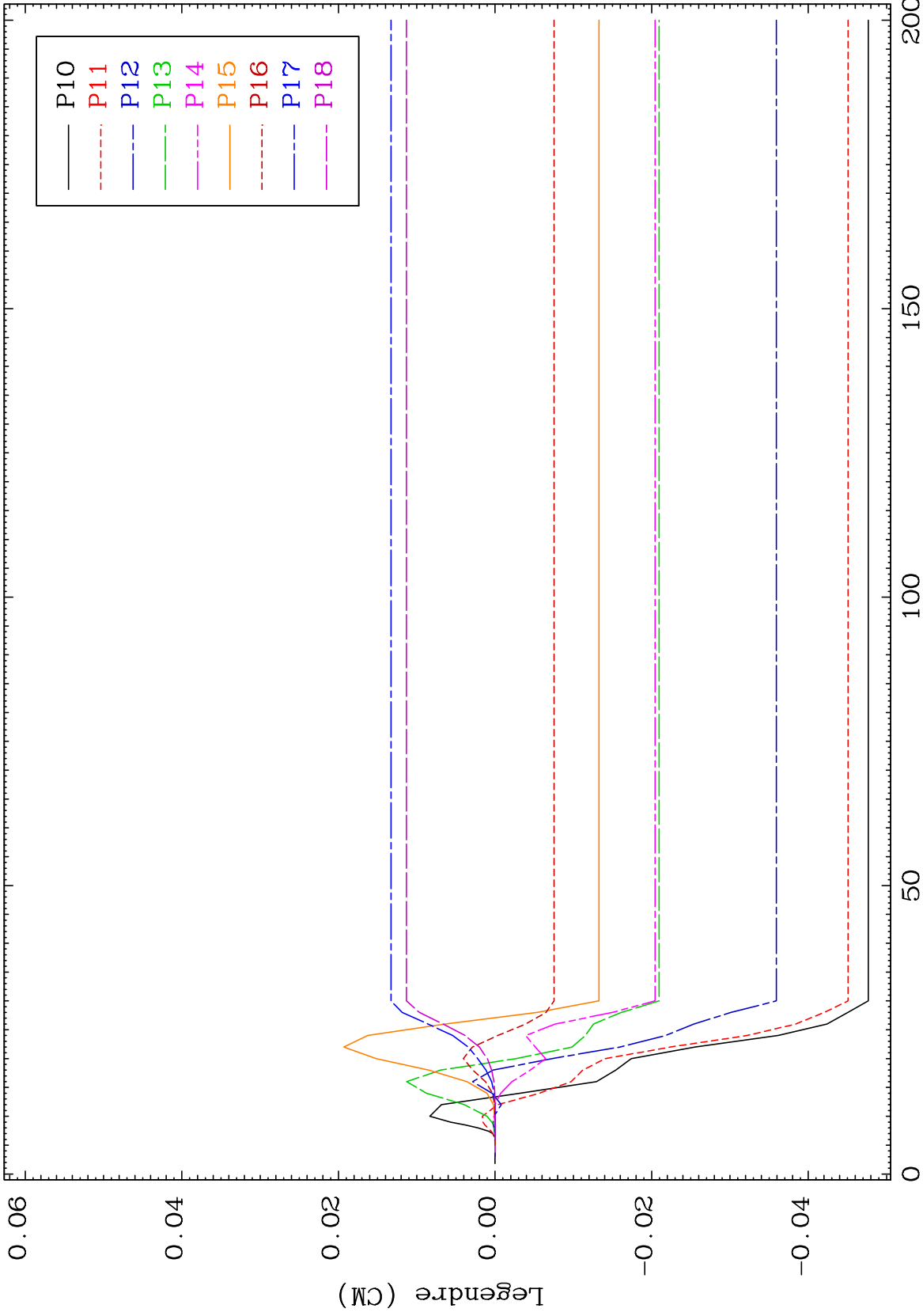
Incident Energy (MeV)

53-I -131

MAT 5337

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

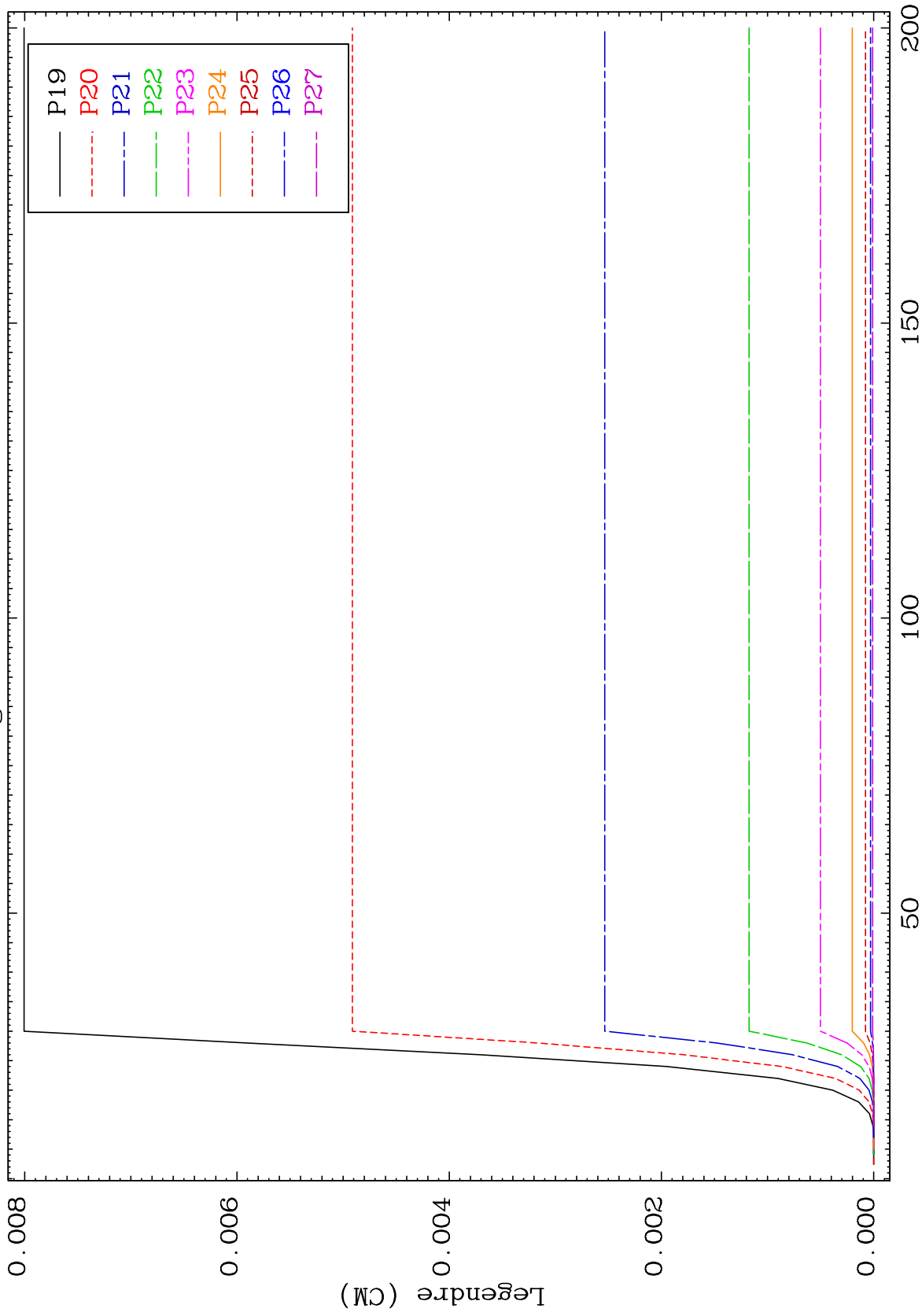
53-I -131



112

Incident Energy (MeV)

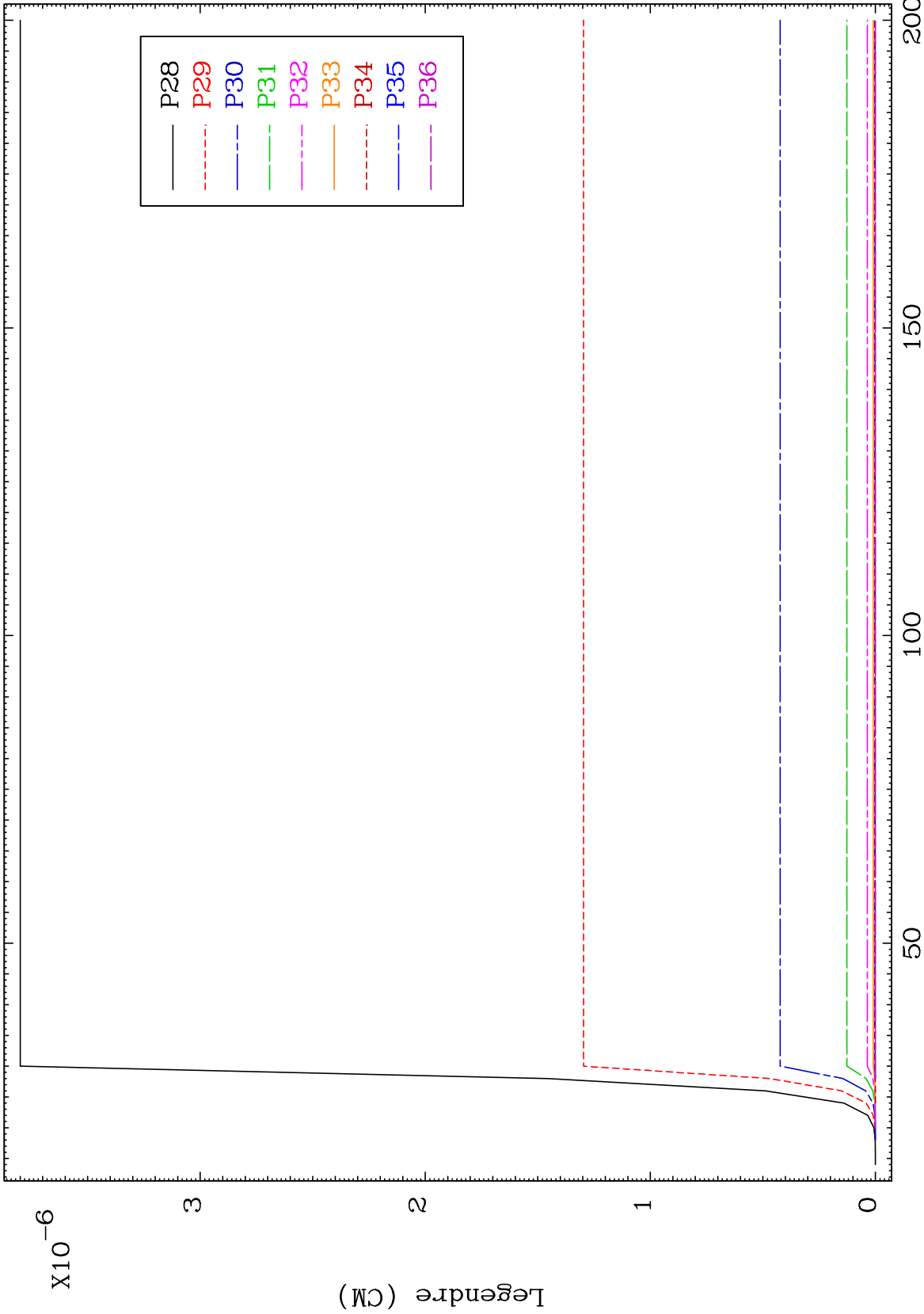
53-I -131



MAT 5337

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

53-I -131



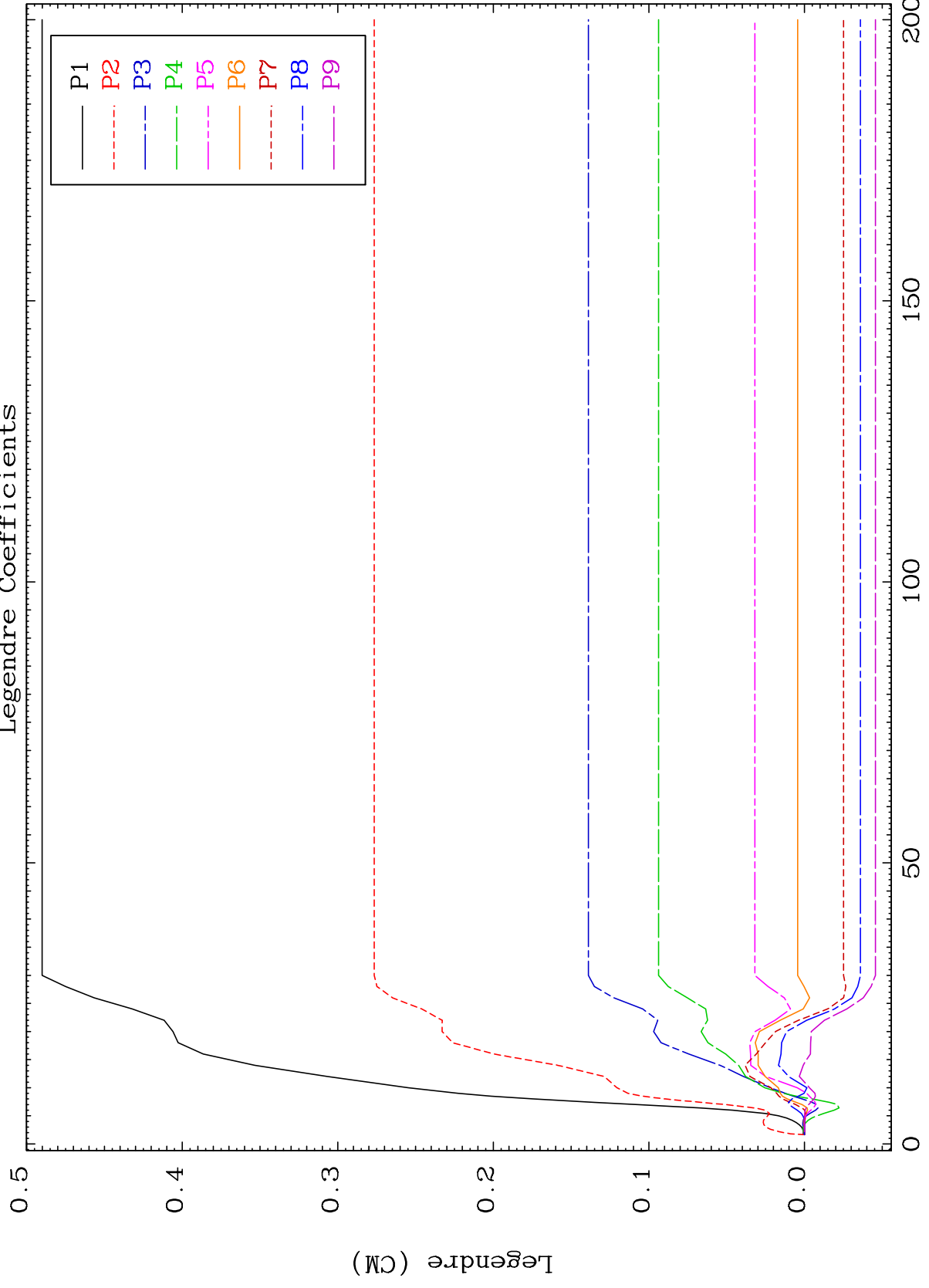
114

53-I -131

MAT 5337

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

53-I -131



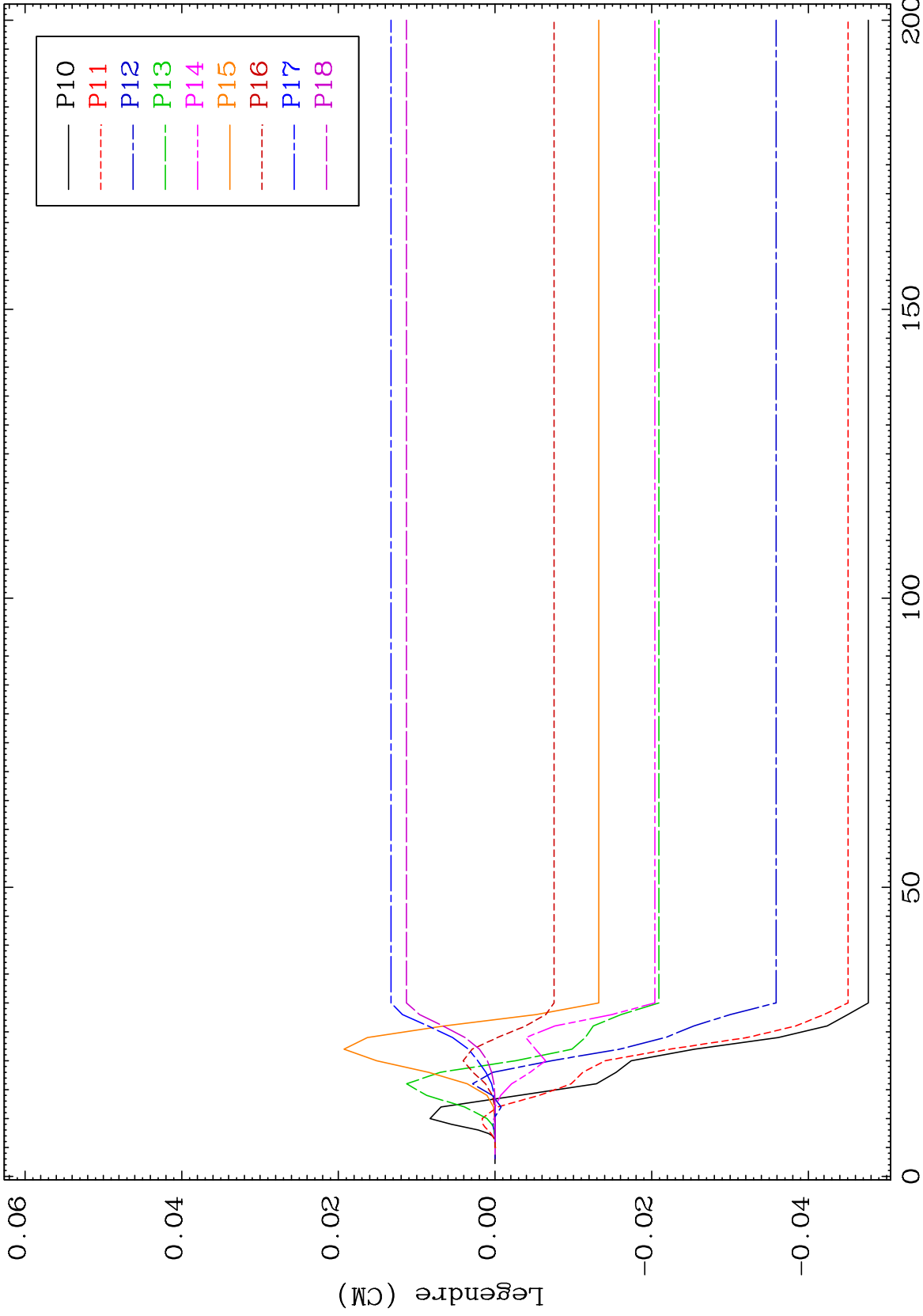
115

53-I -131

MAT 5337

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

53-I -131



116

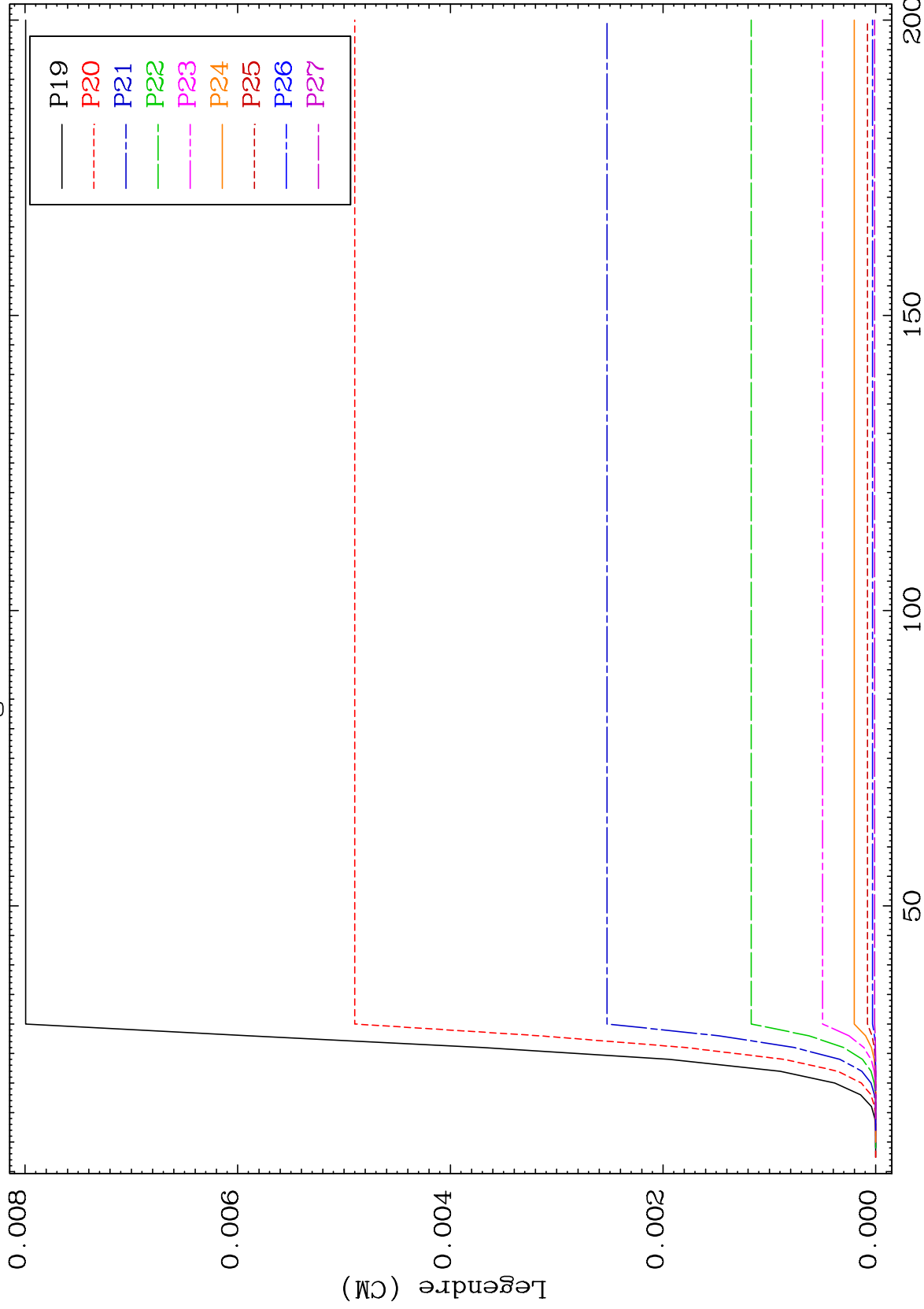
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



117

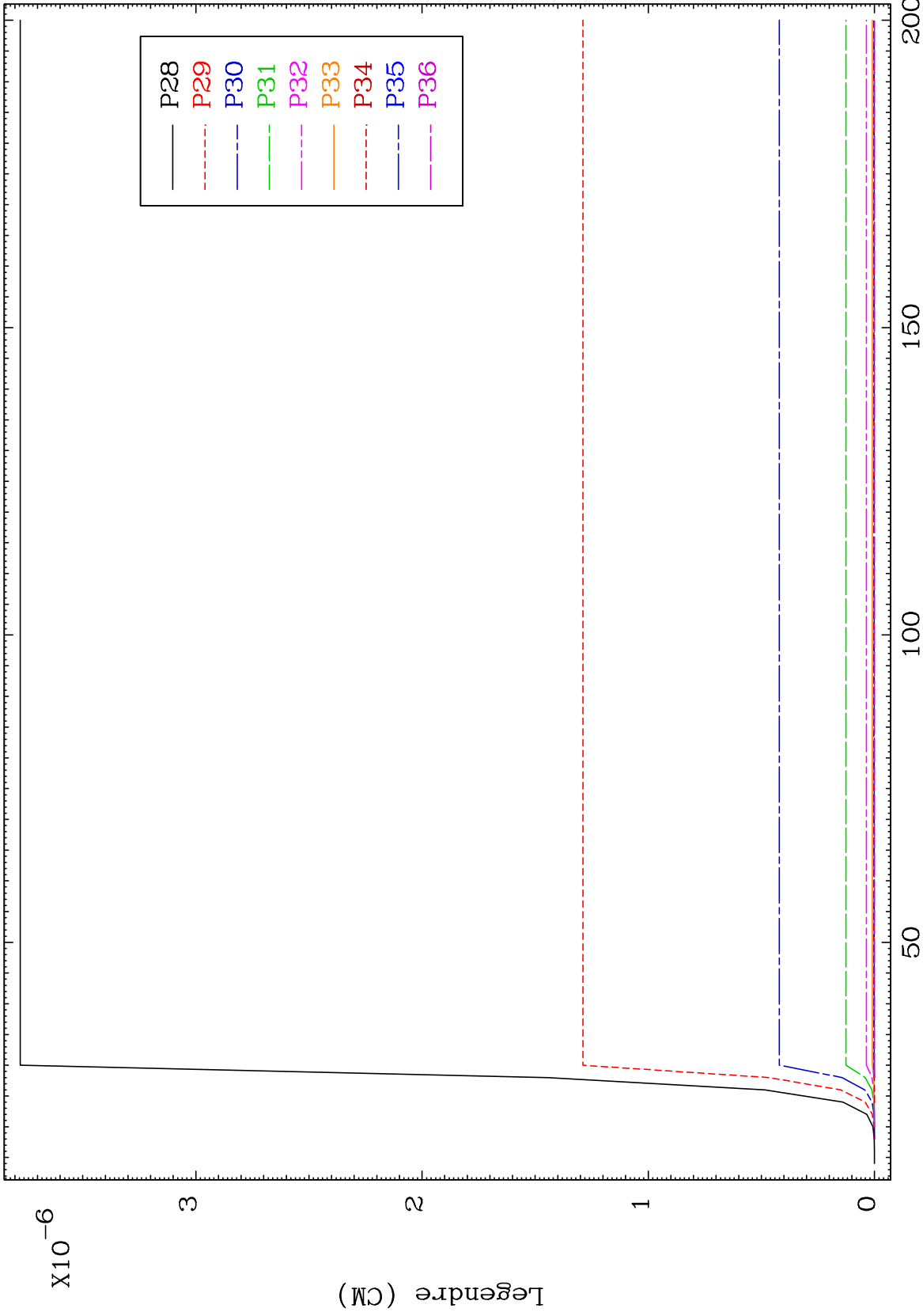
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



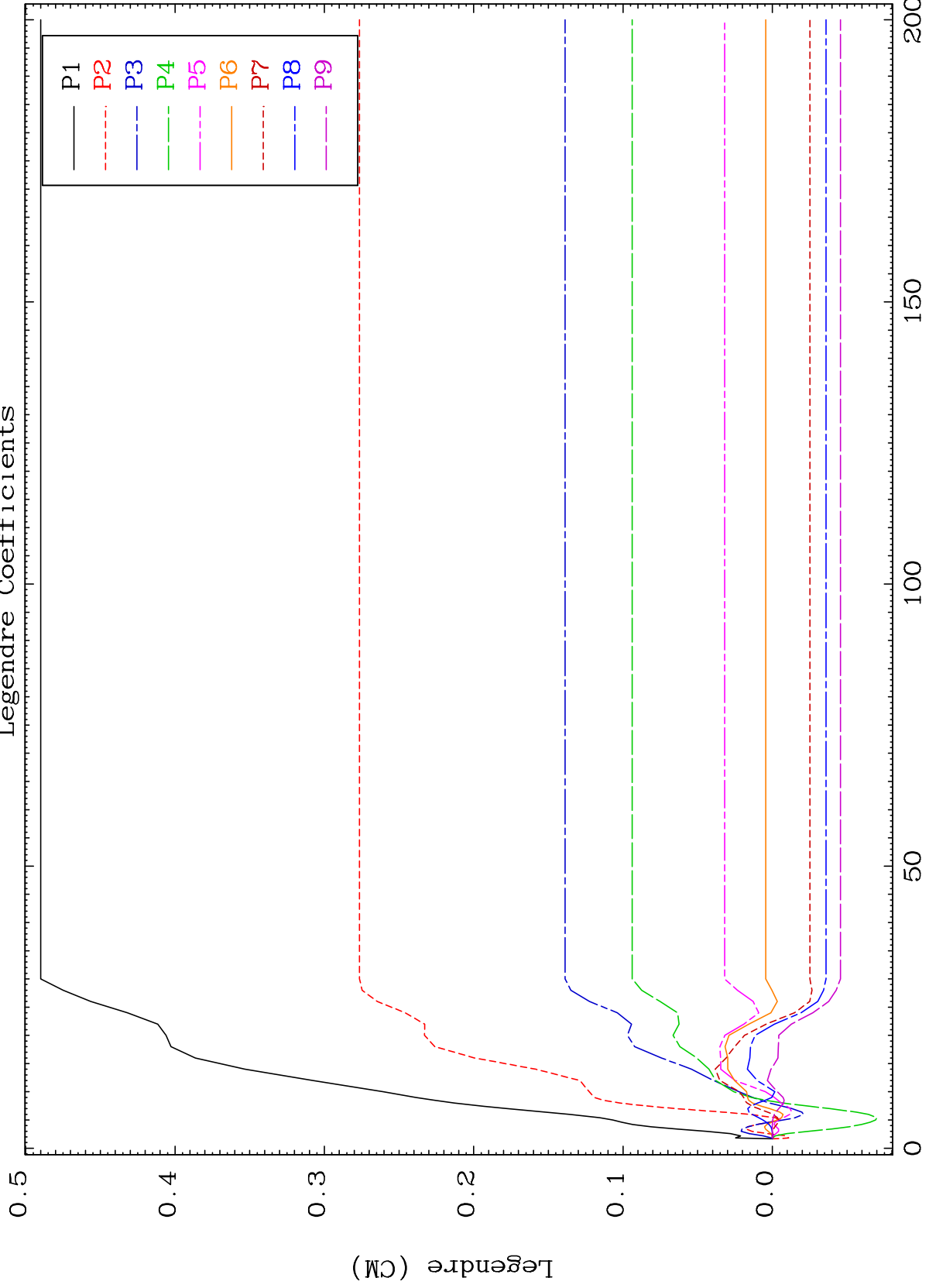
118

53-I -131

MAT 5337

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

53-I -131



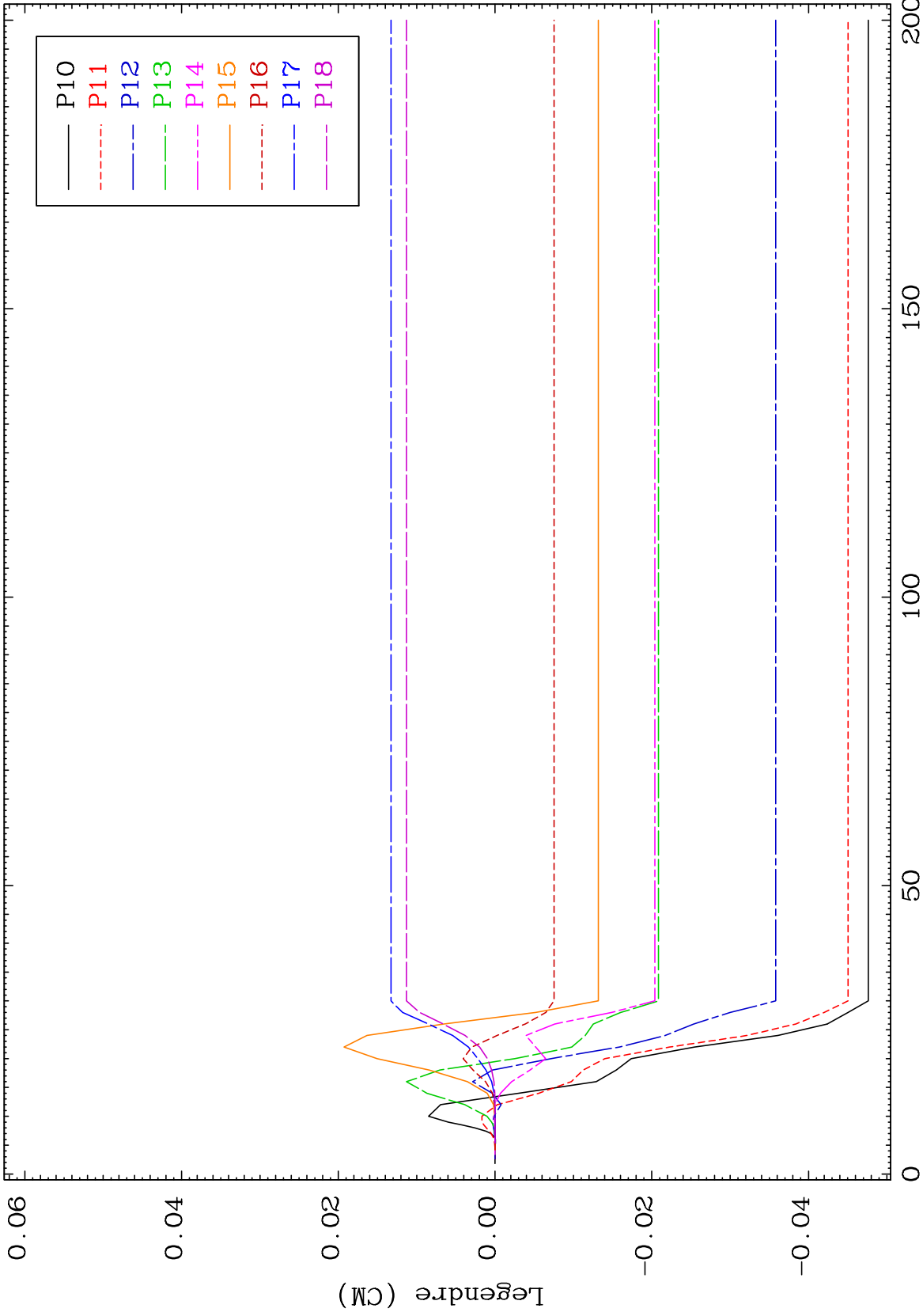
119

53-I -131

MAT 5337

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

53-I -131



120

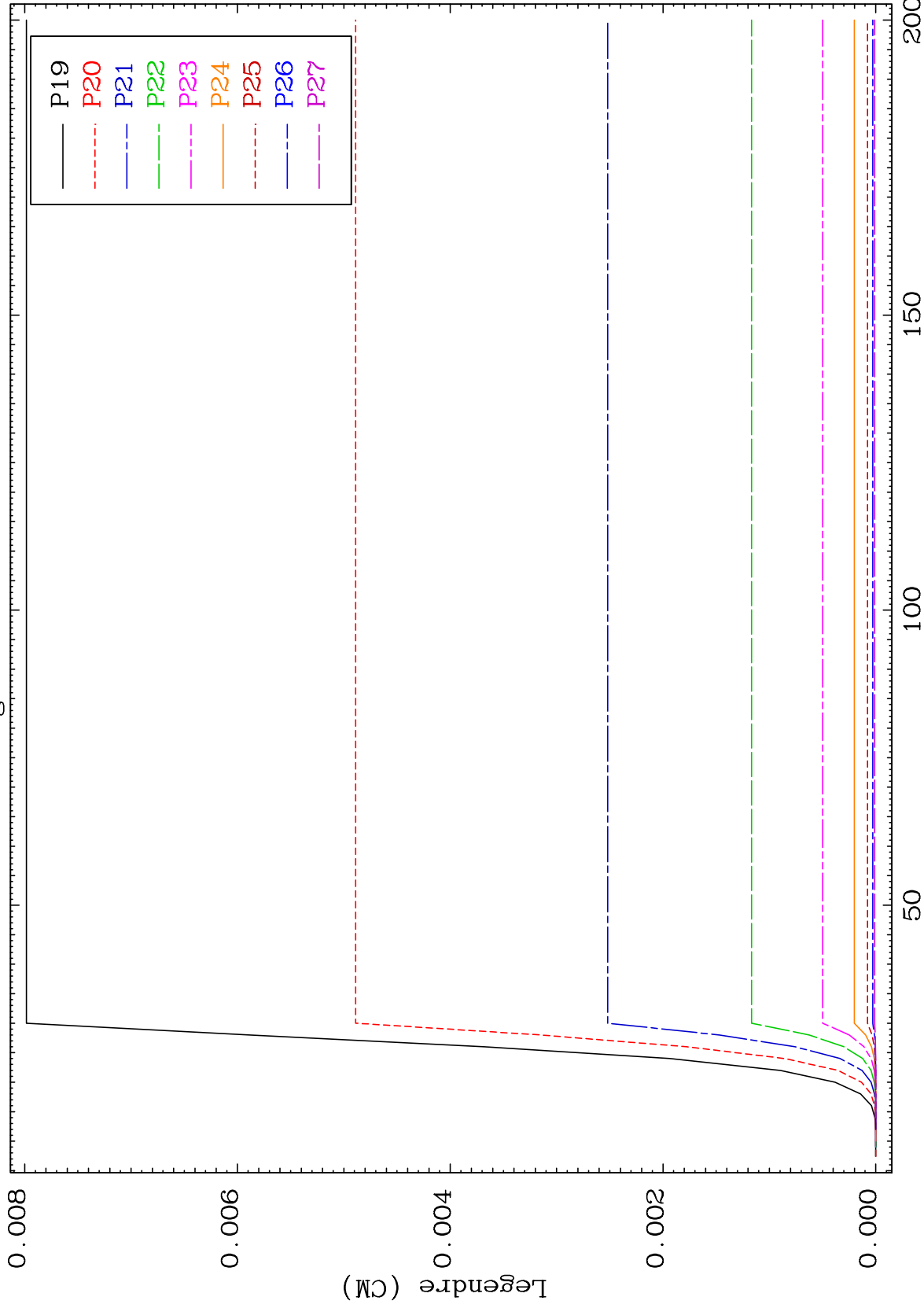
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



121

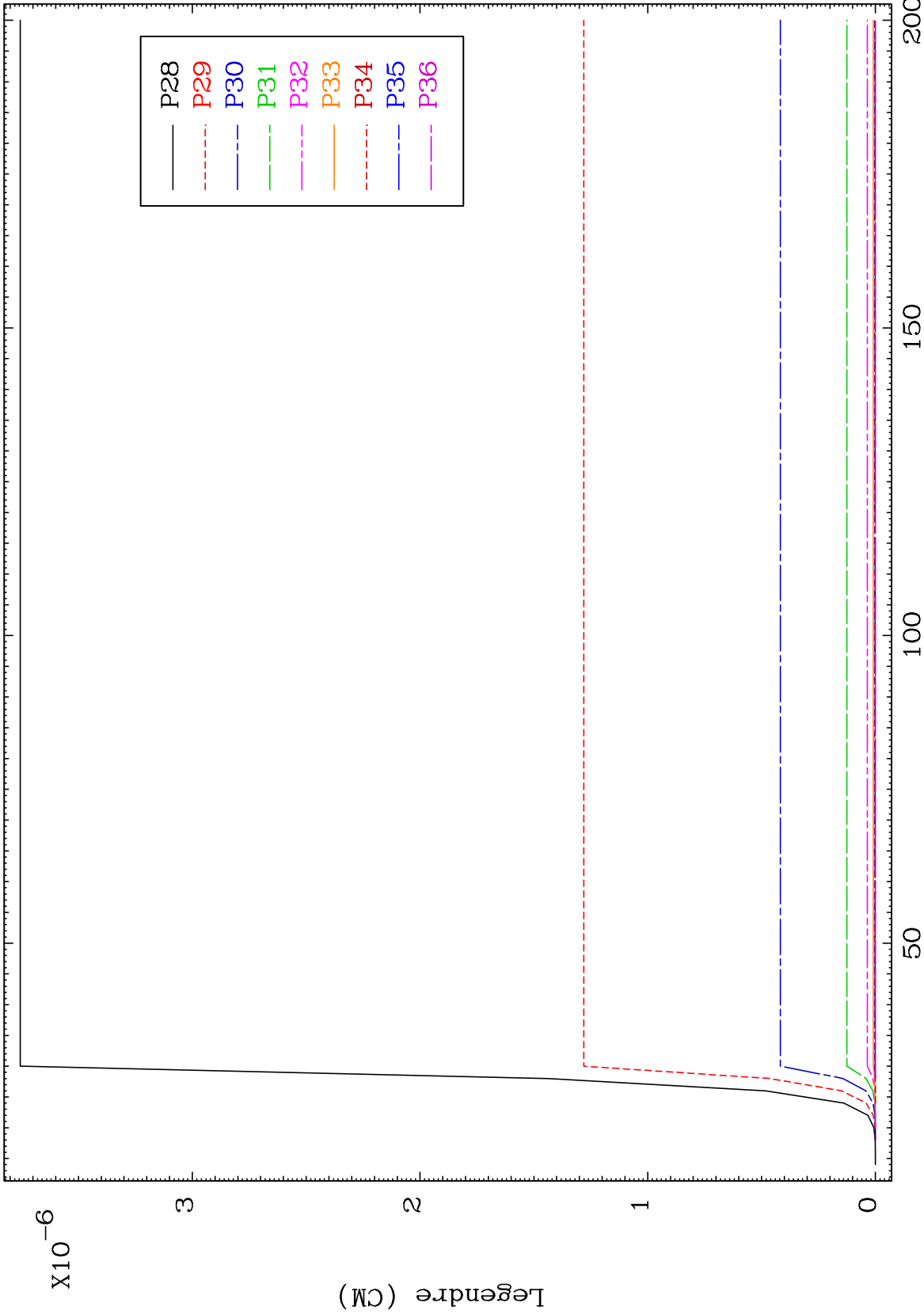
Incident Energy (MeV)

53-I -131

MAT 5337

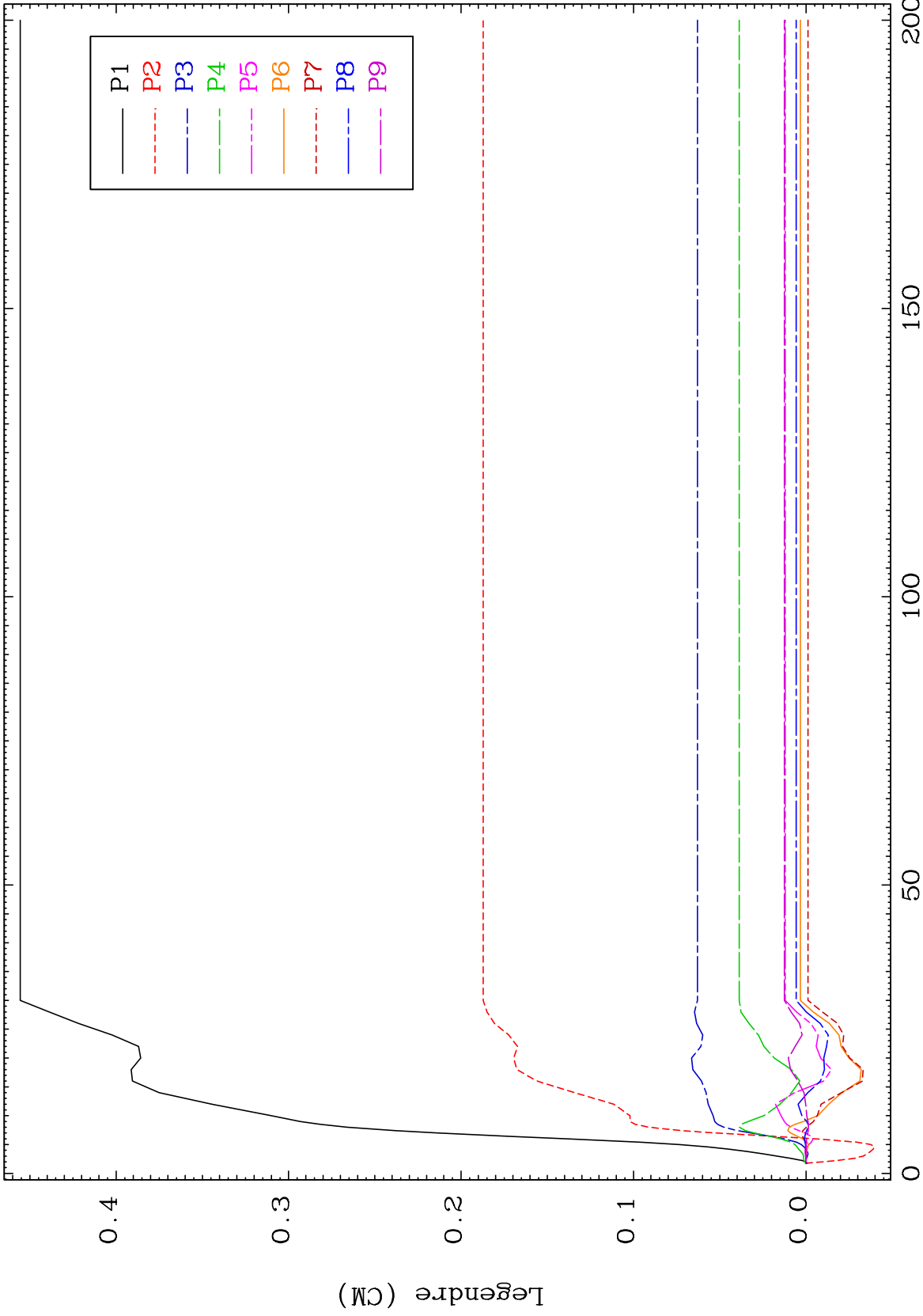
MT= 76 (n,n') Level
Legendre Coefficients

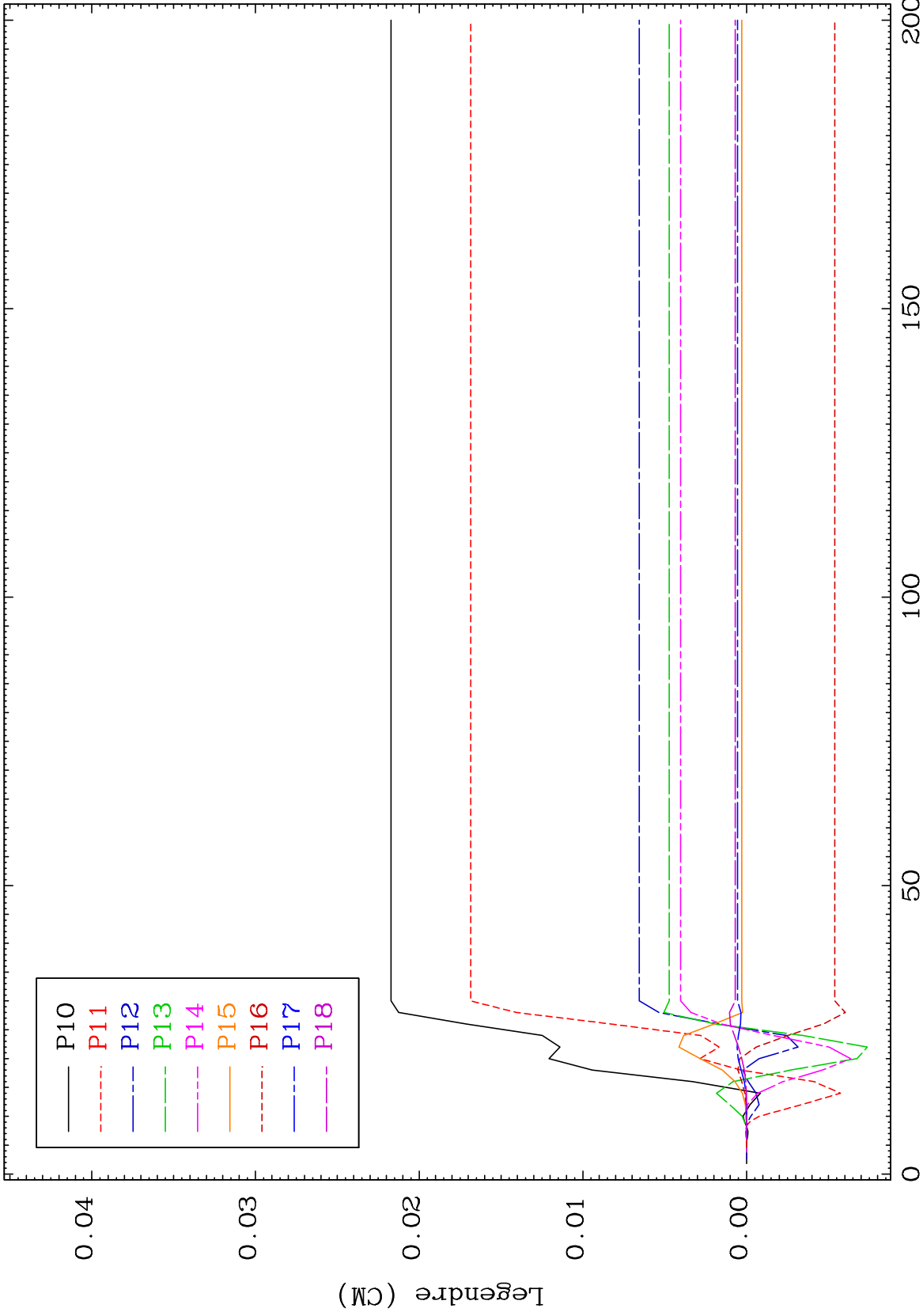
53-I -131



122

53-I -131

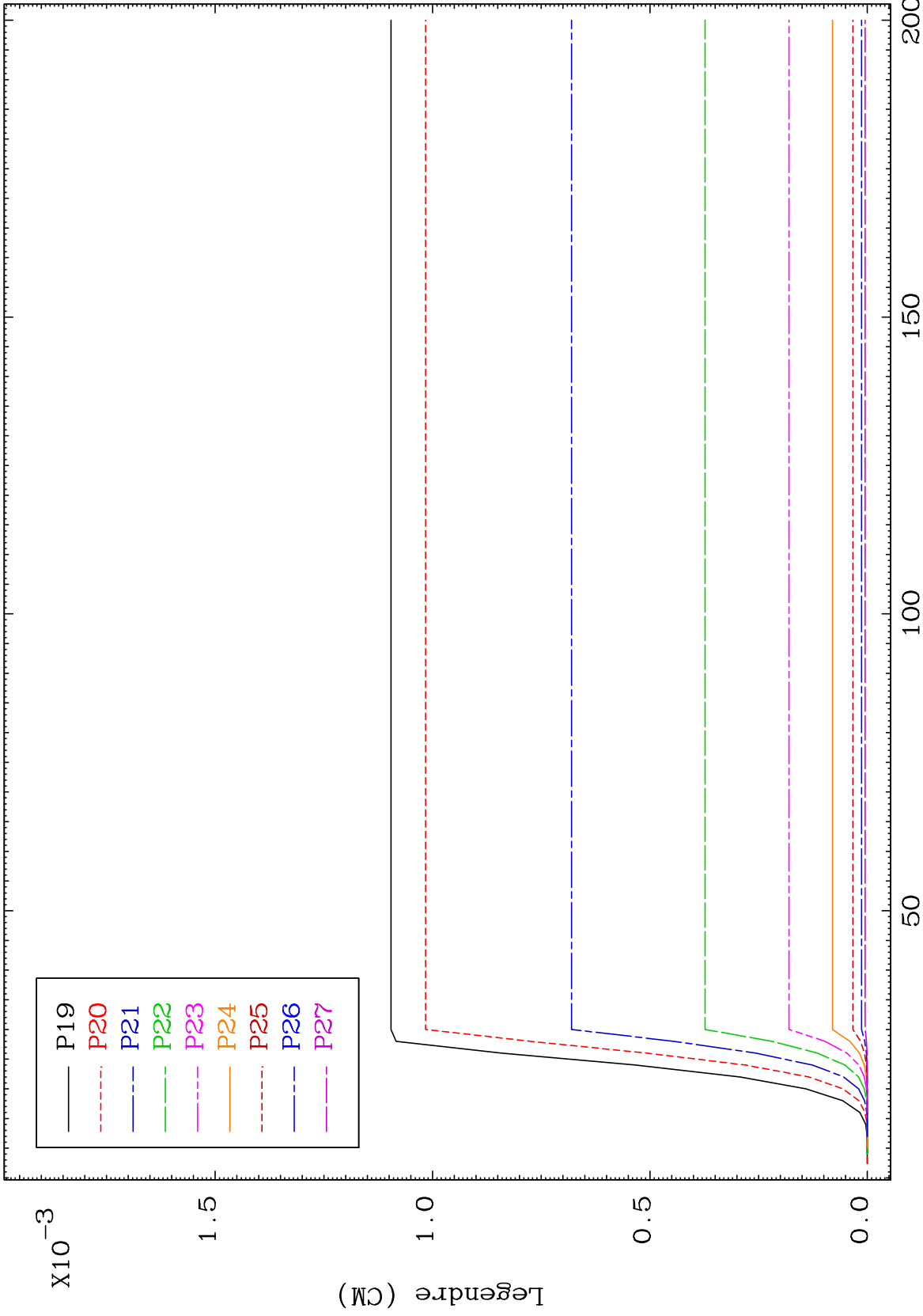




MAT 5337

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

53-I -131



125

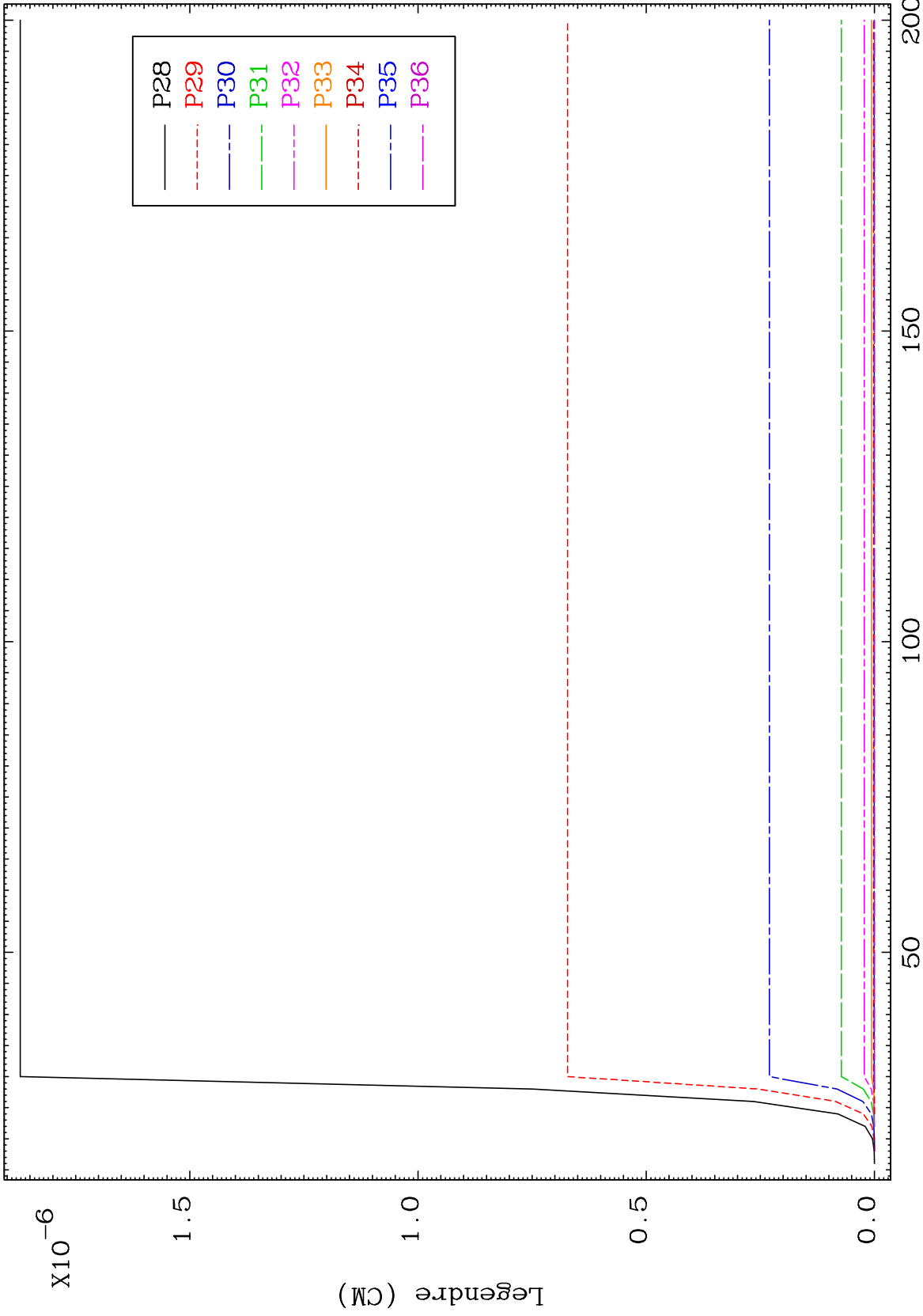
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



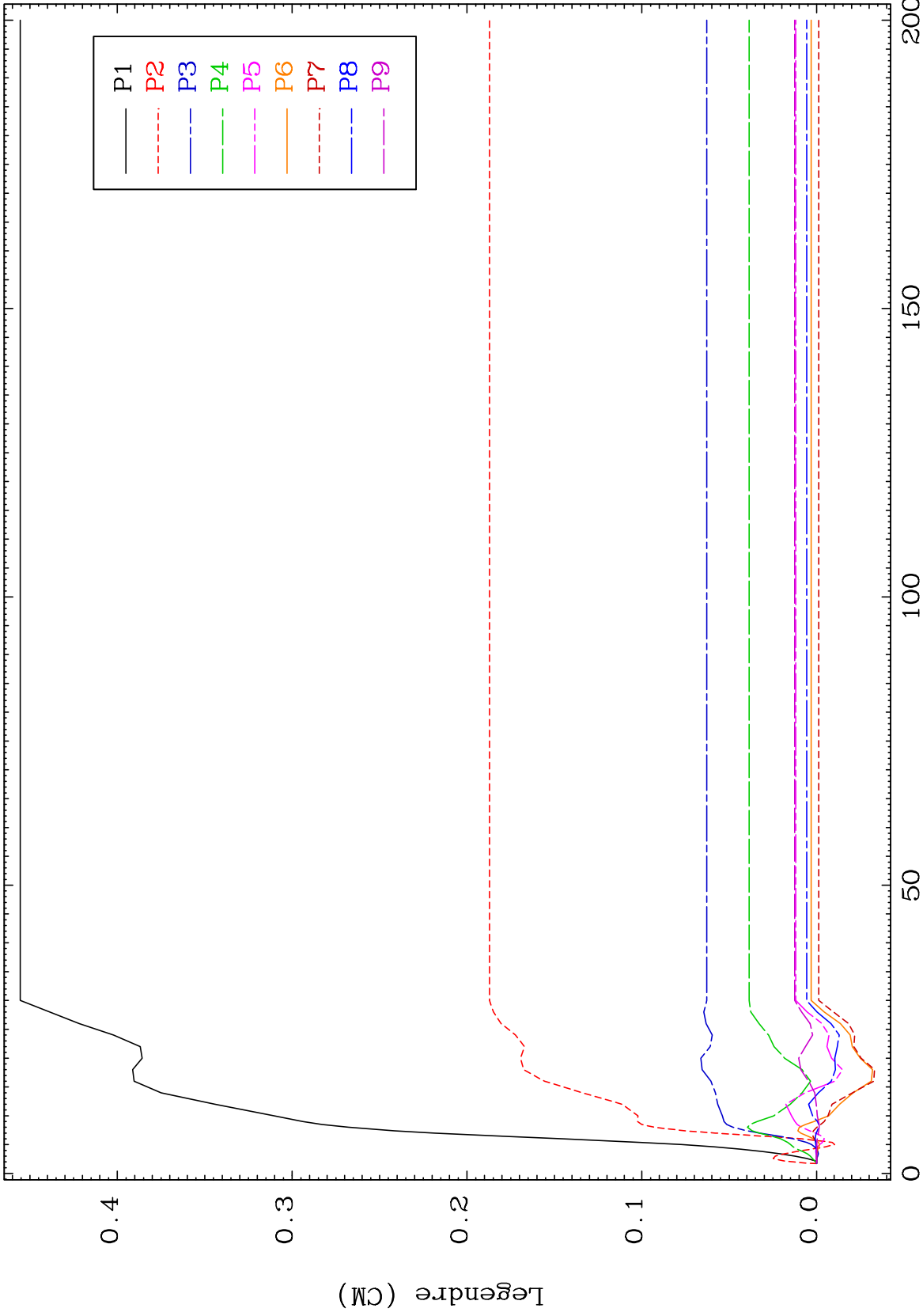
126

53-I -131

MAT 5337

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

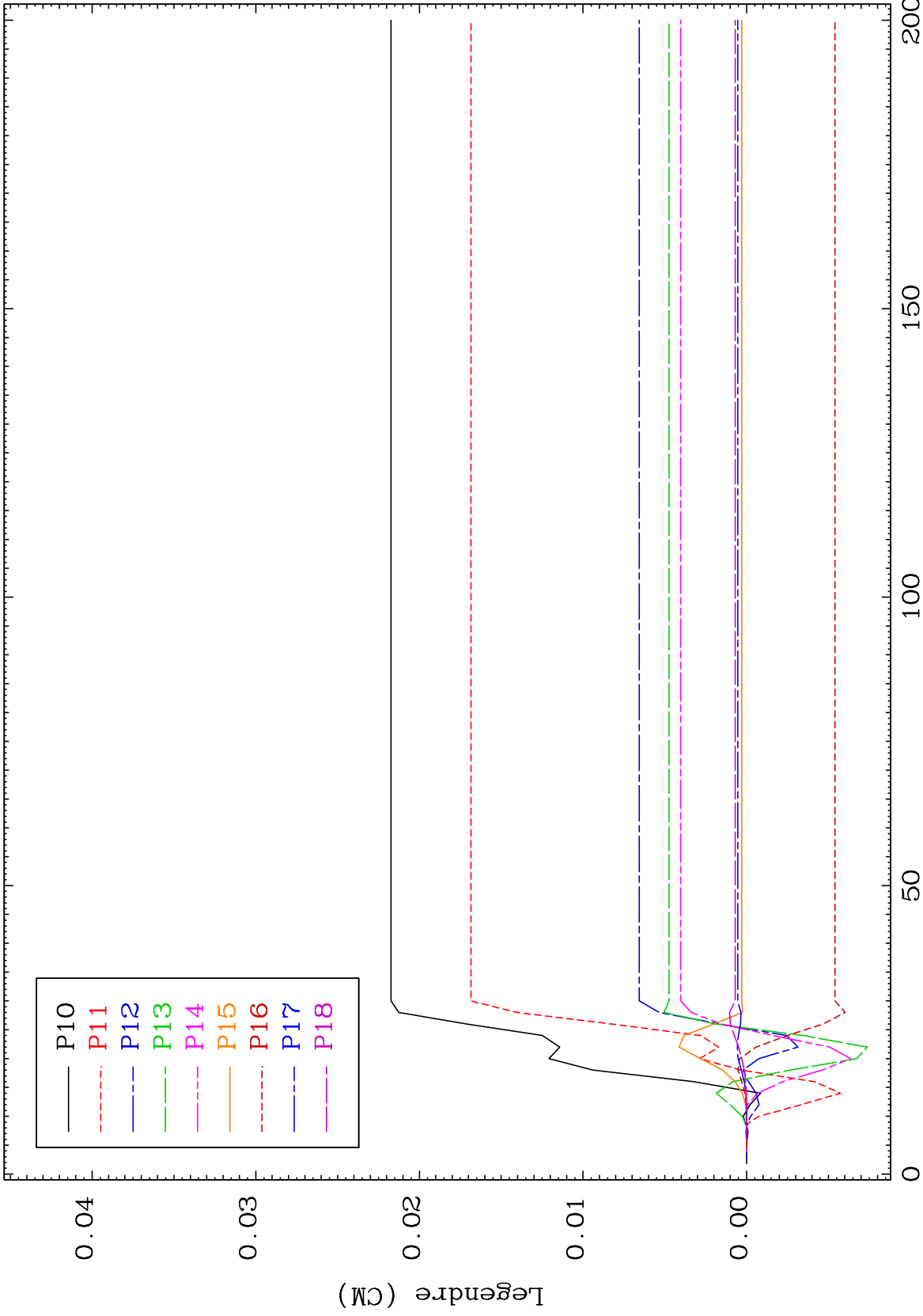
53-I -131

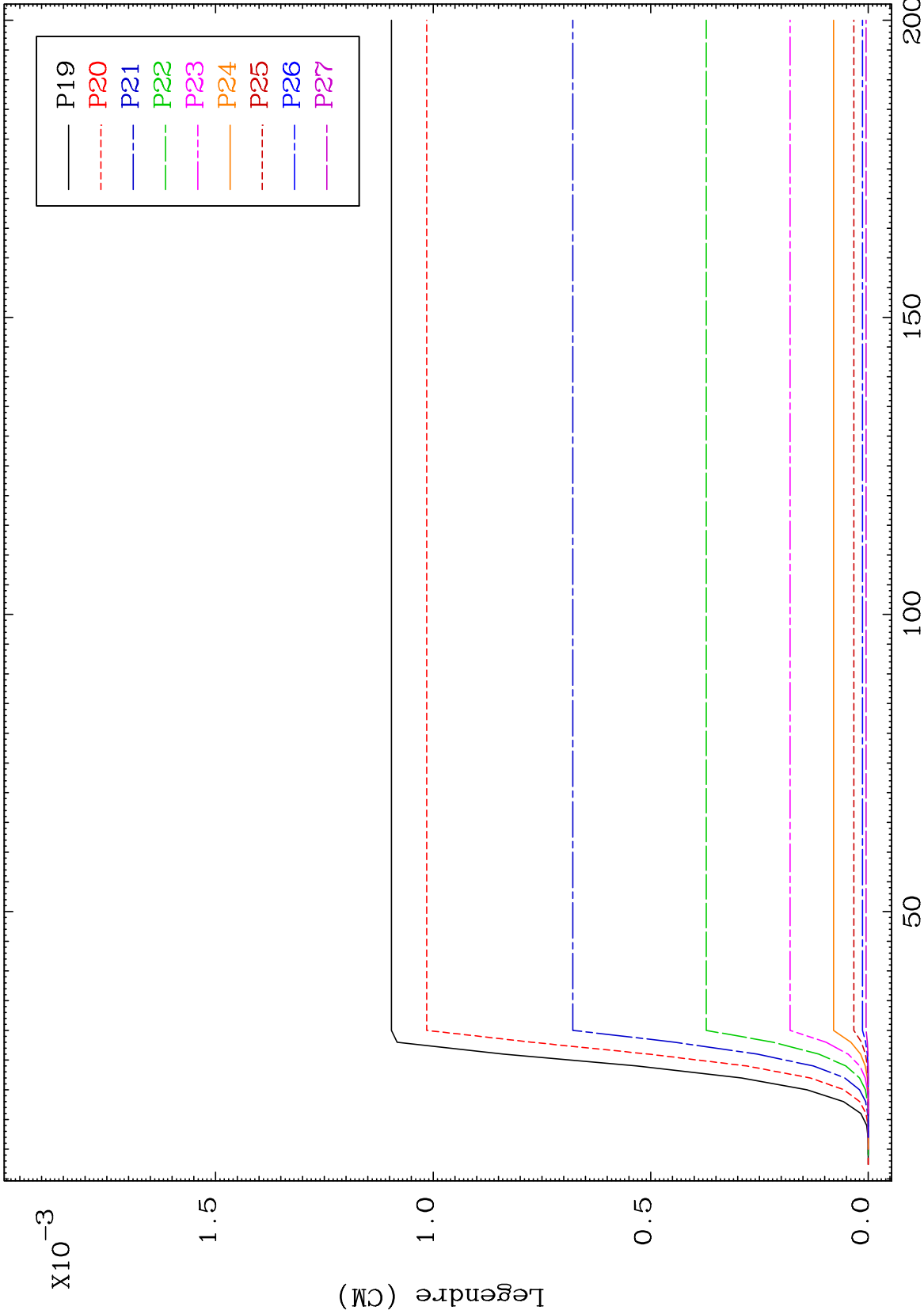


127

Incident Energy (MeV)

53-I -131

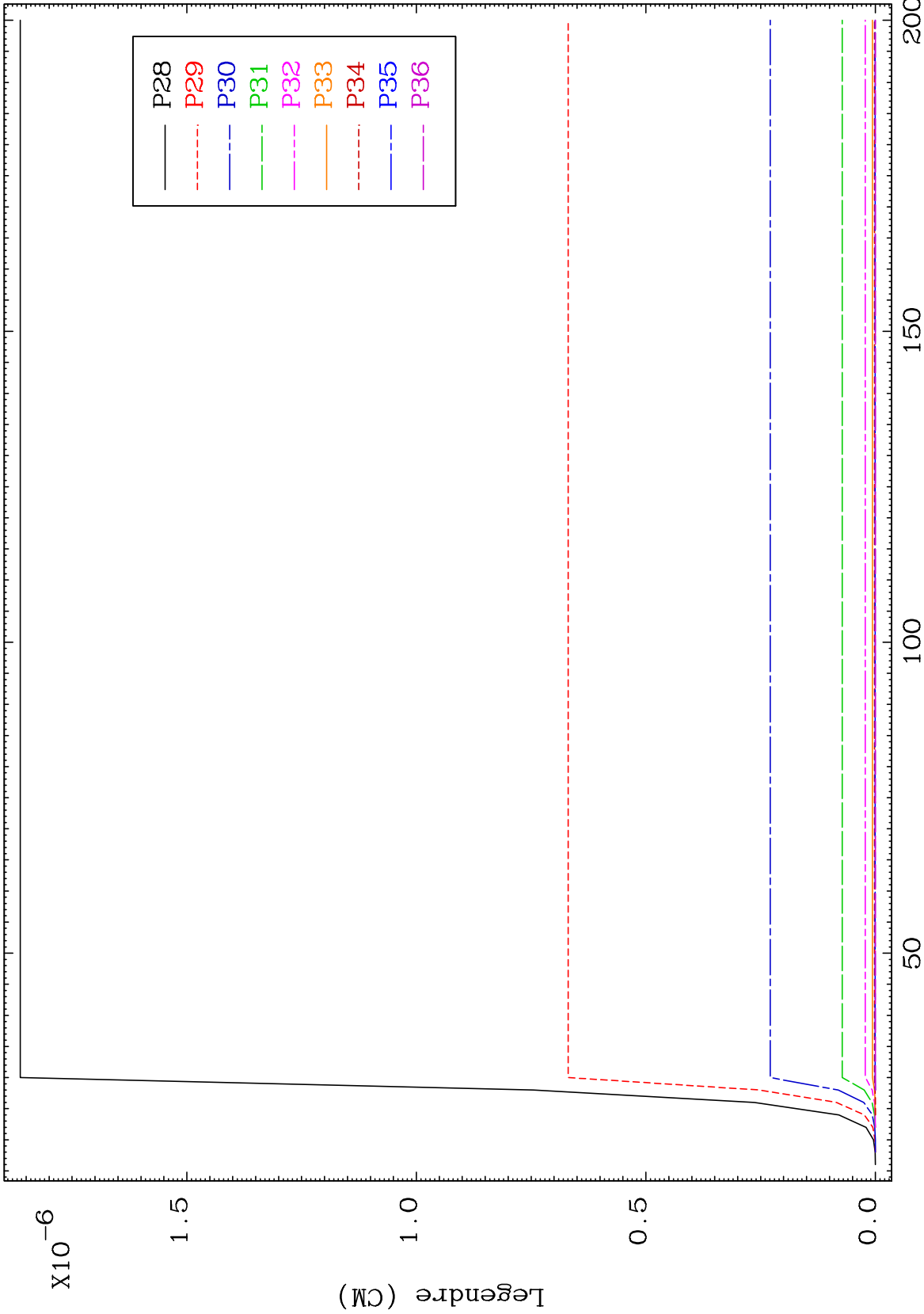




MAT 5337

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

53-I -131



130

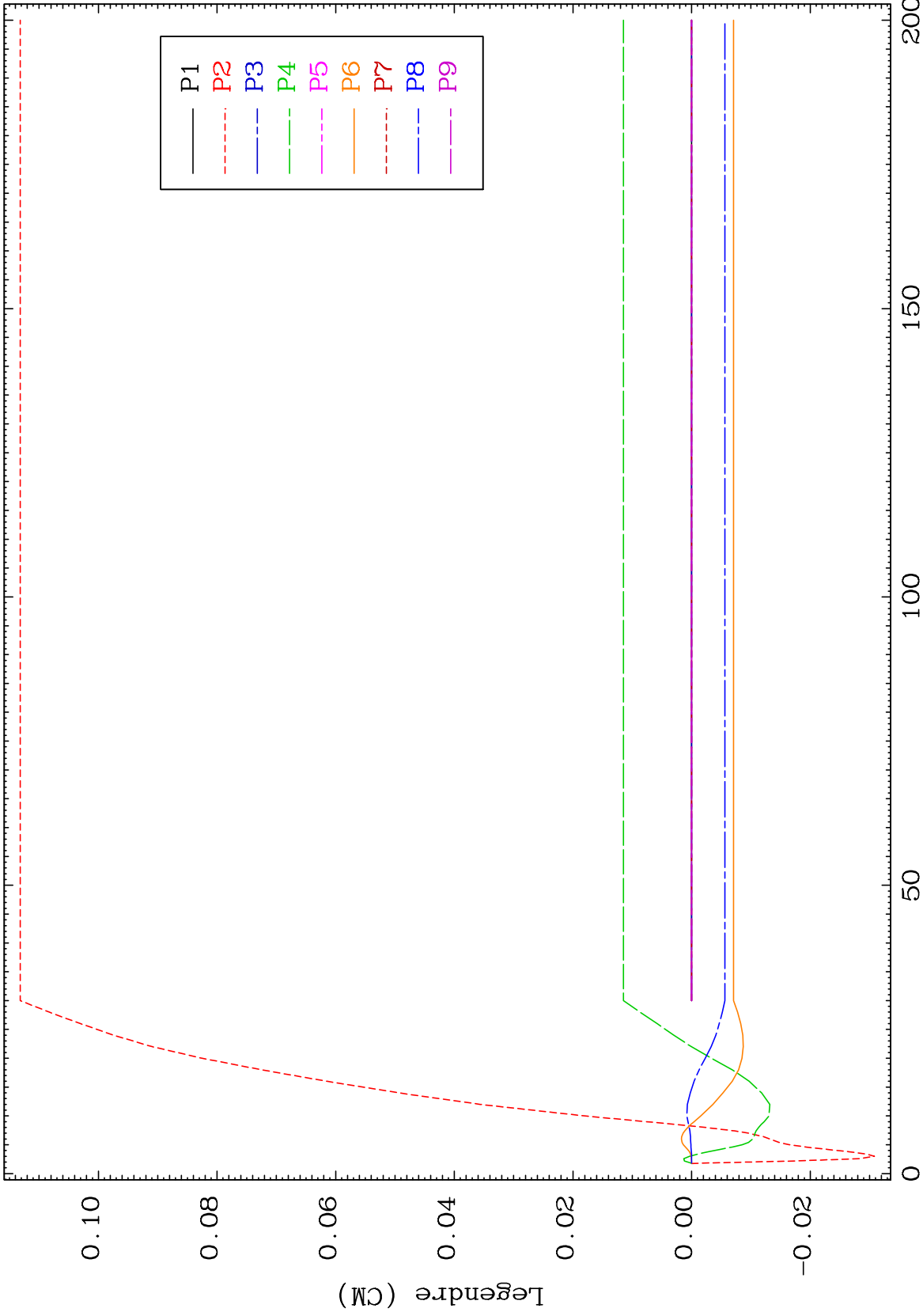
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



131

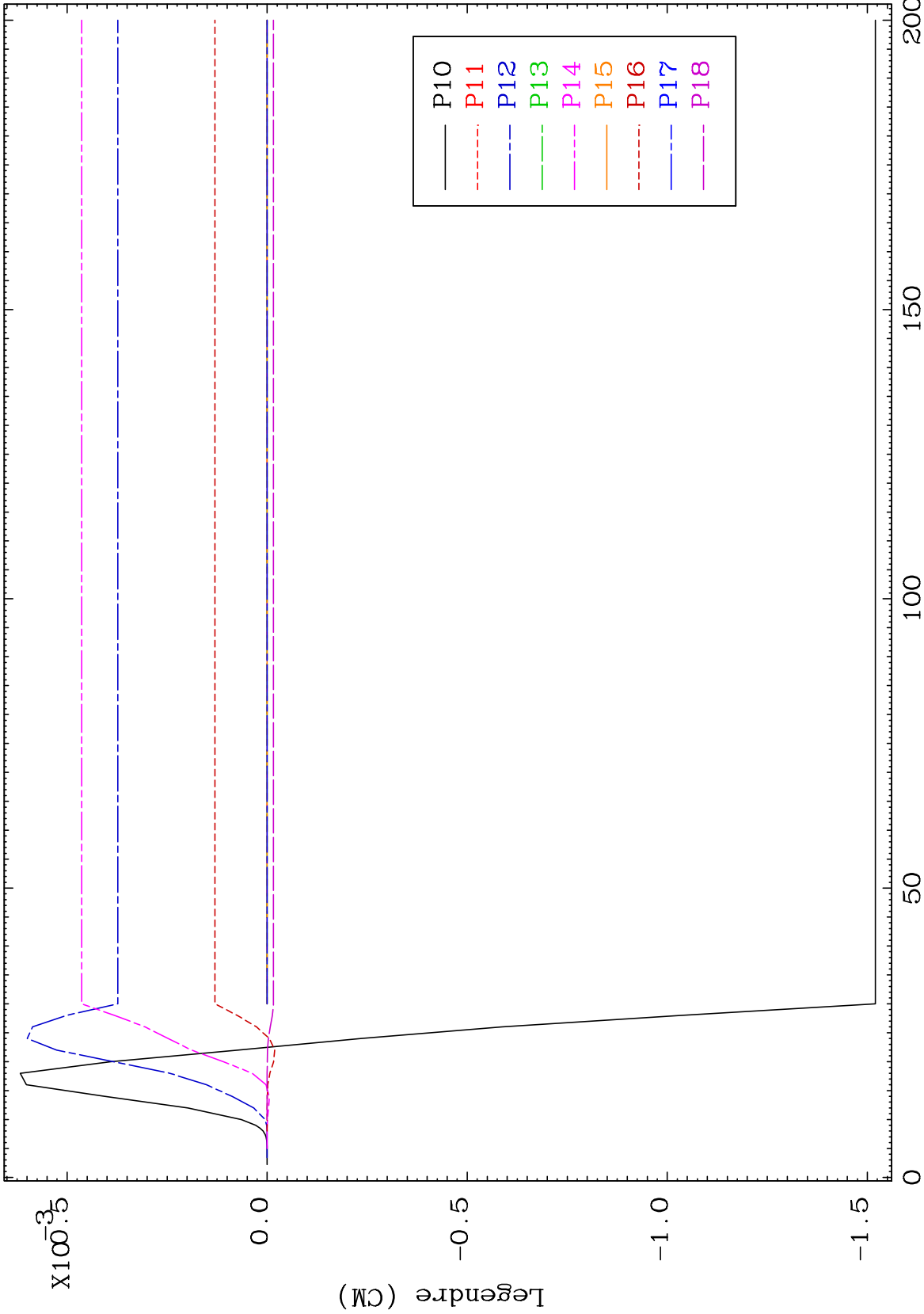
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



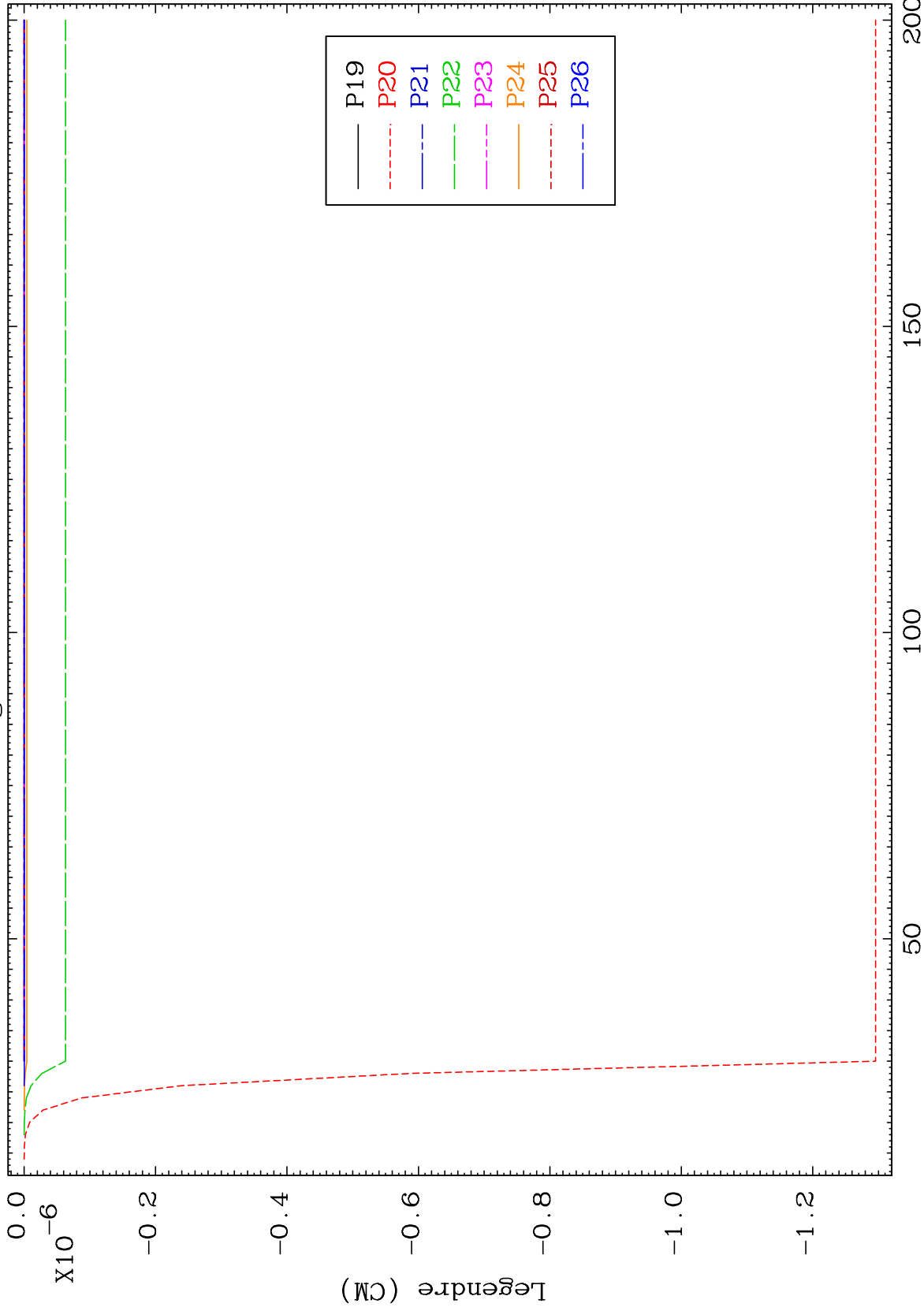
132

53-I -131

MAT 5337

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

53-I -131



133

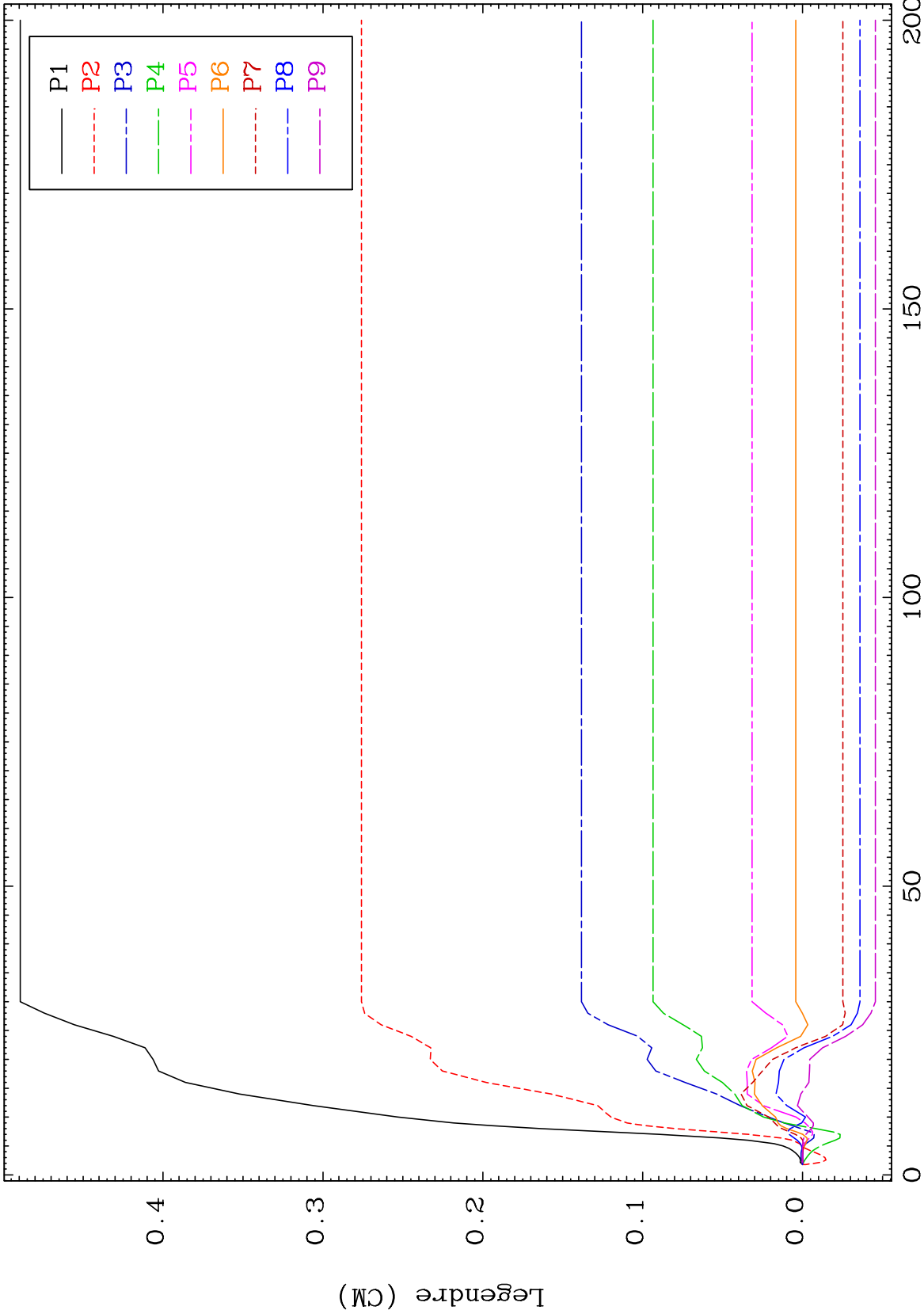
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



134

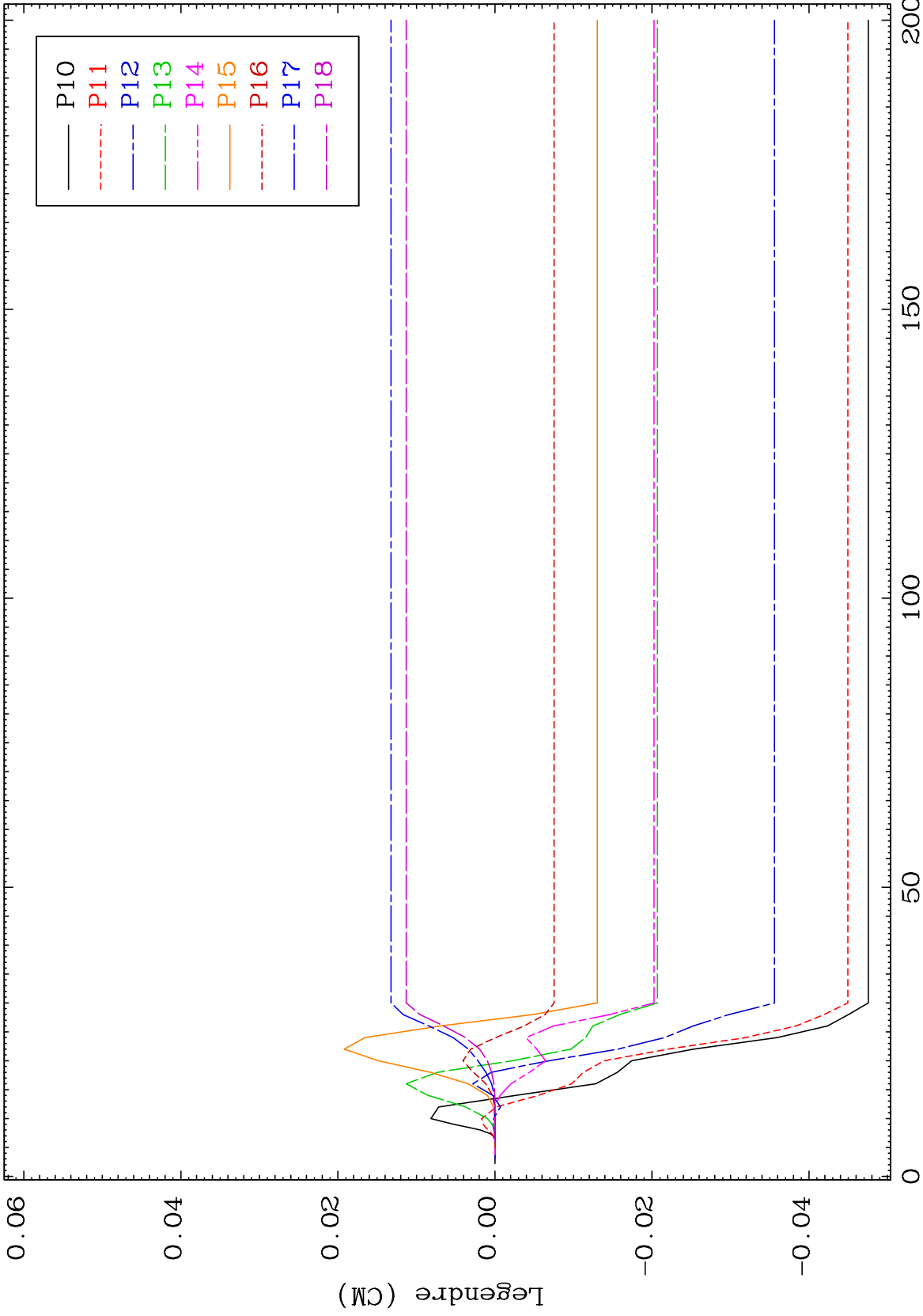
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



135

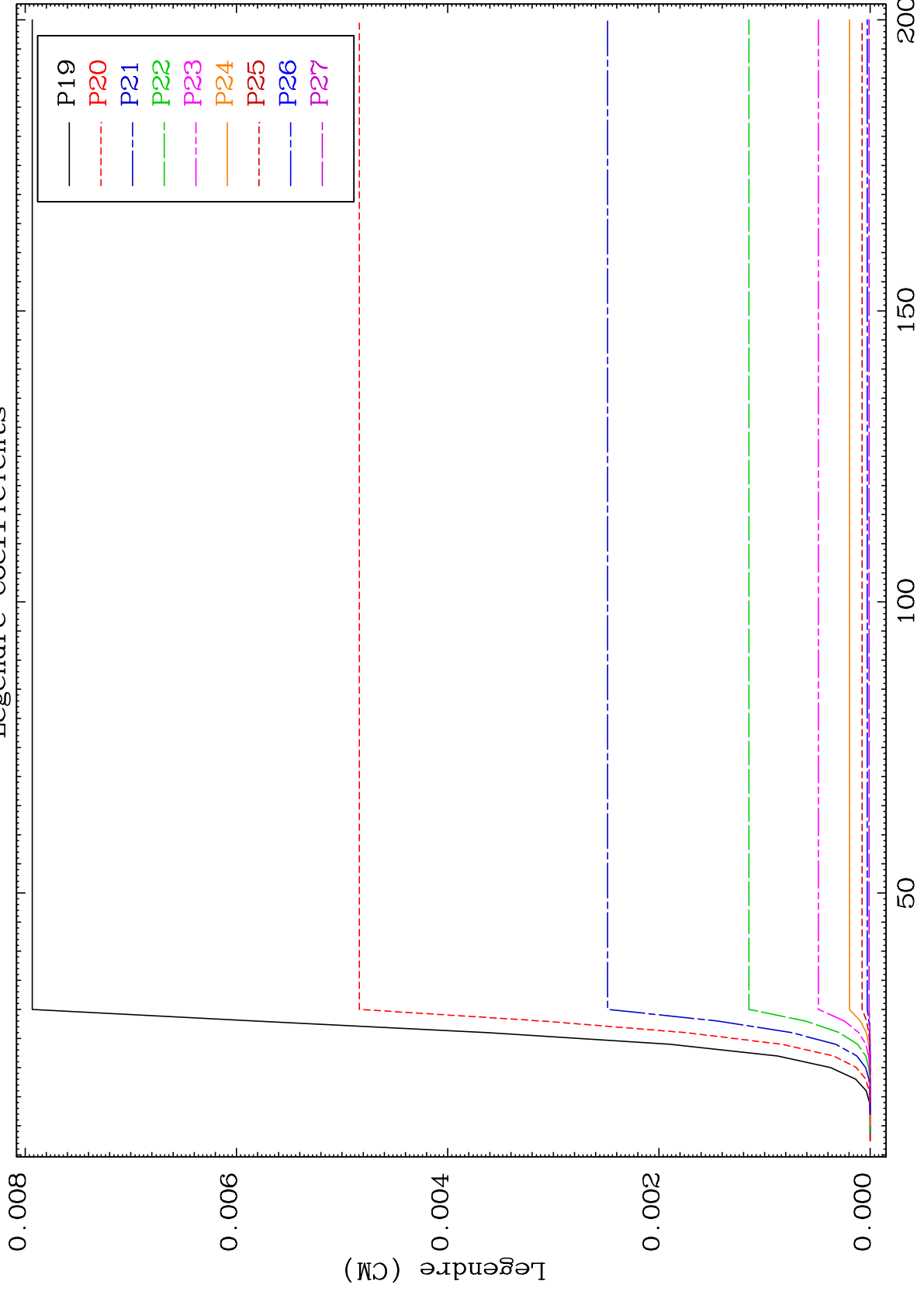
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



136

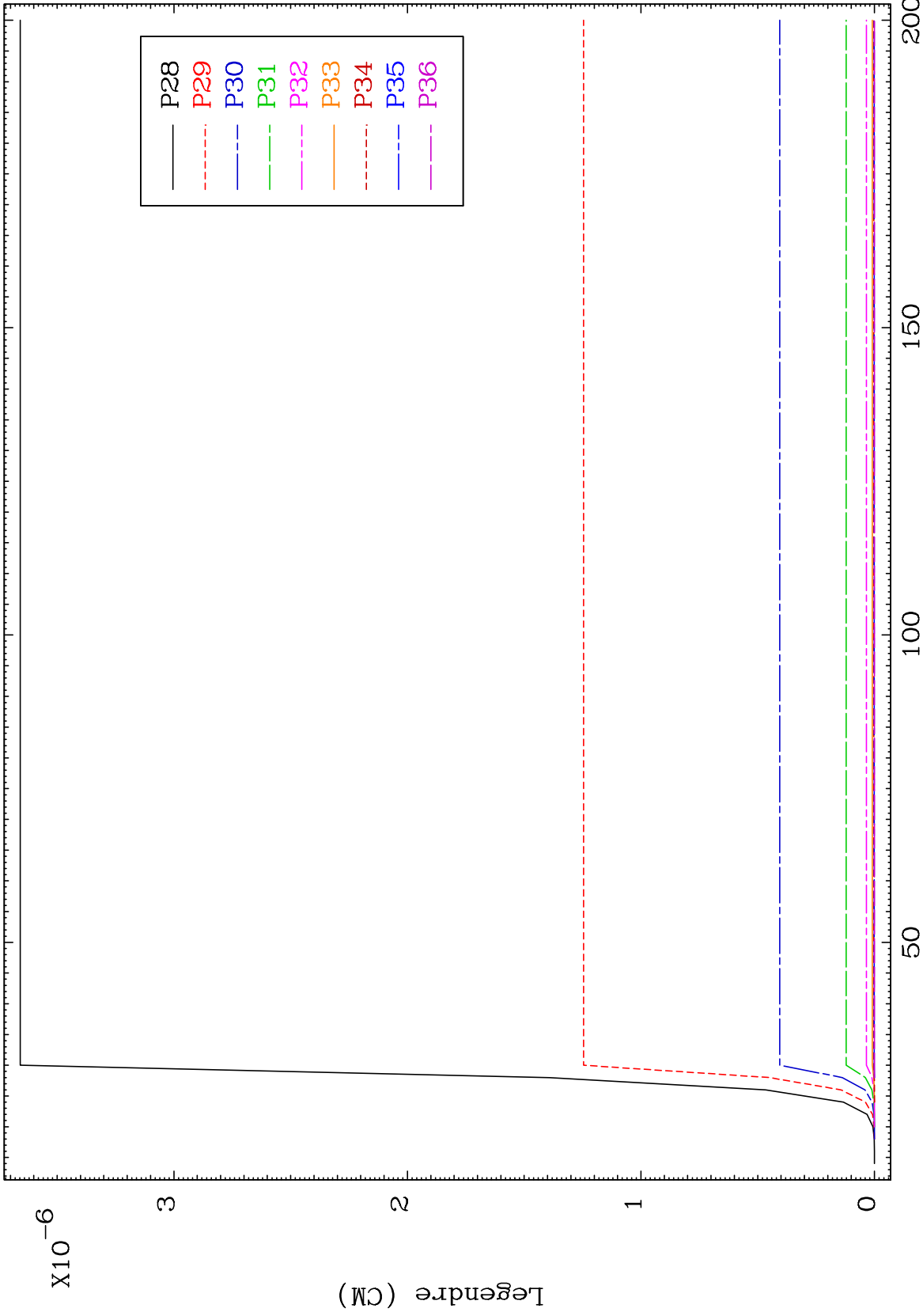
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



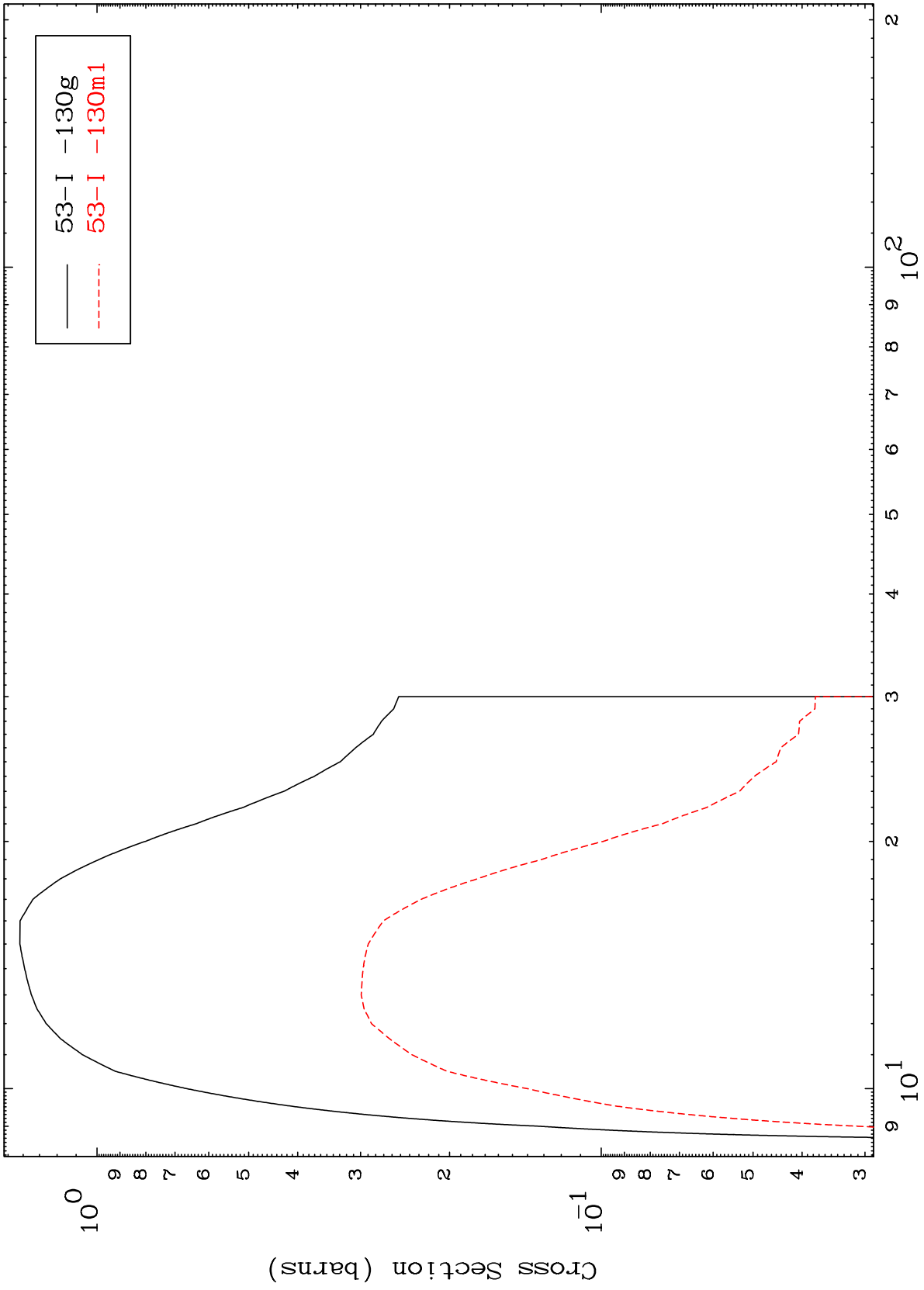
137

53-I -131

MAT 5337

53-I -131

(n,2n)
Radionuclide Production Cross Section



138

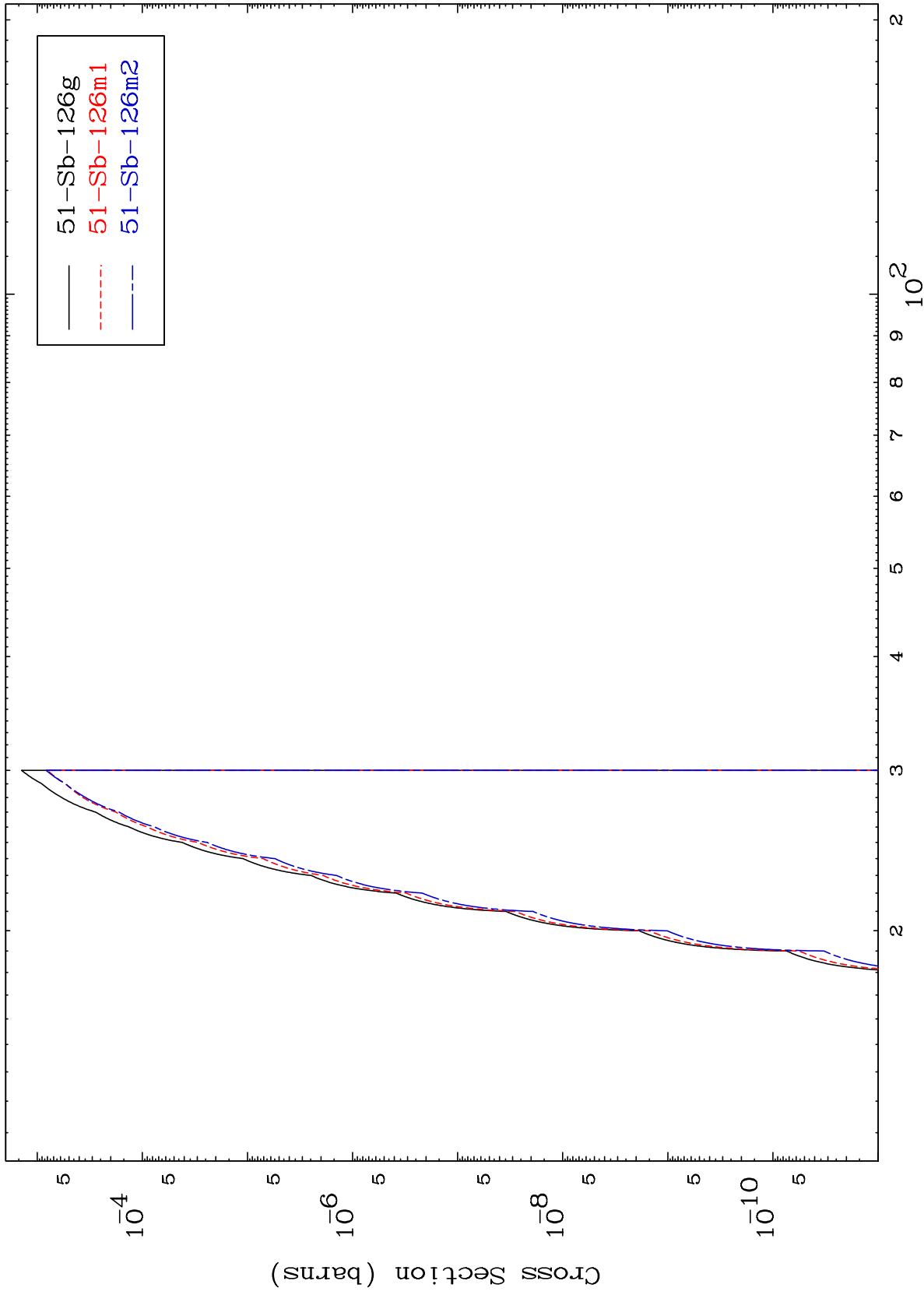
53-I -131

MAT 5337

(n,2n) α

53-I -131

Radionuclide Production Cross Section



139

Incident Energy (MeV)

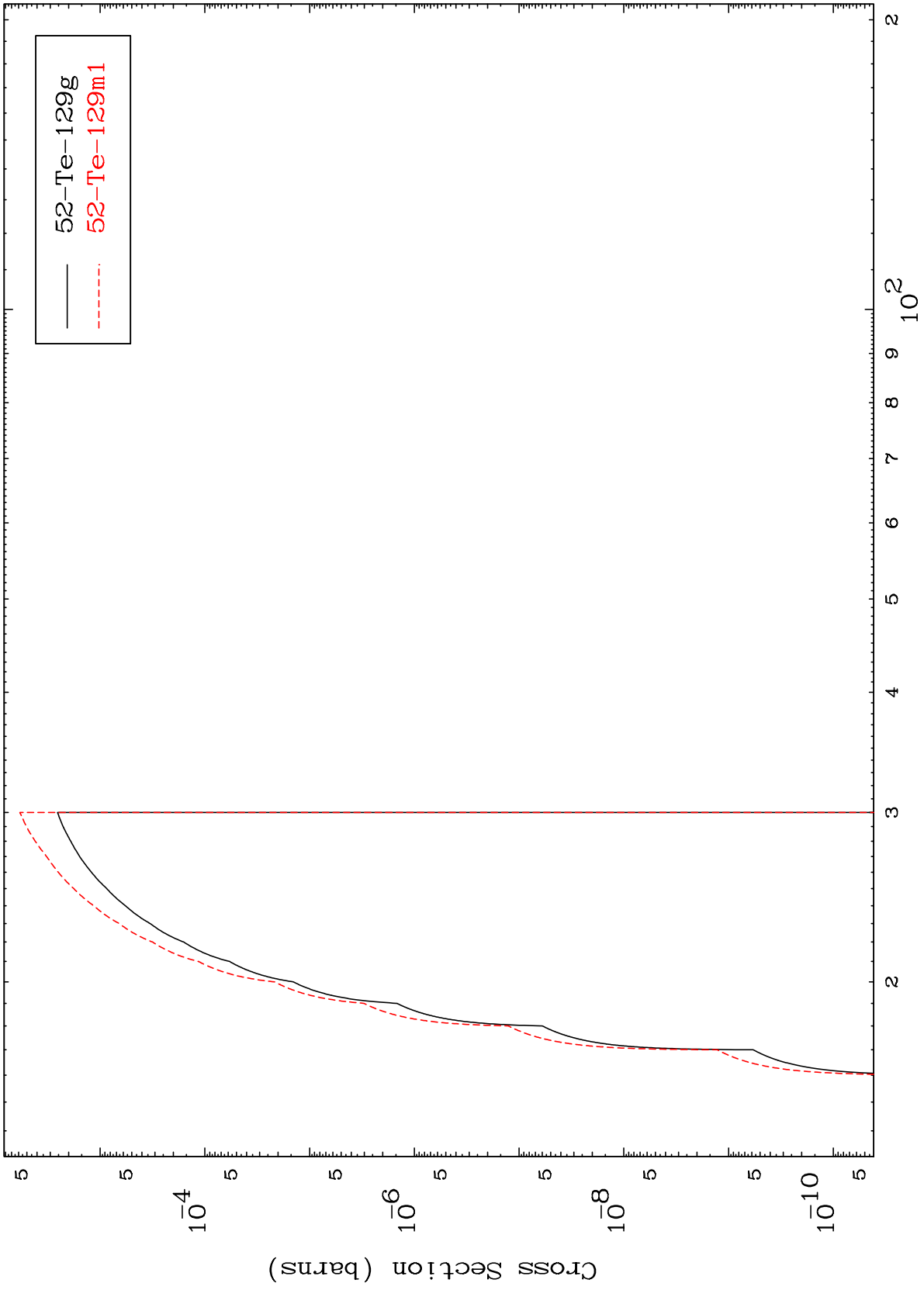
53-I -131

MAT 5337

(n,n') d

53-I -131

Radionuclide Production Cross Section



140

Incident Energy (MeV)

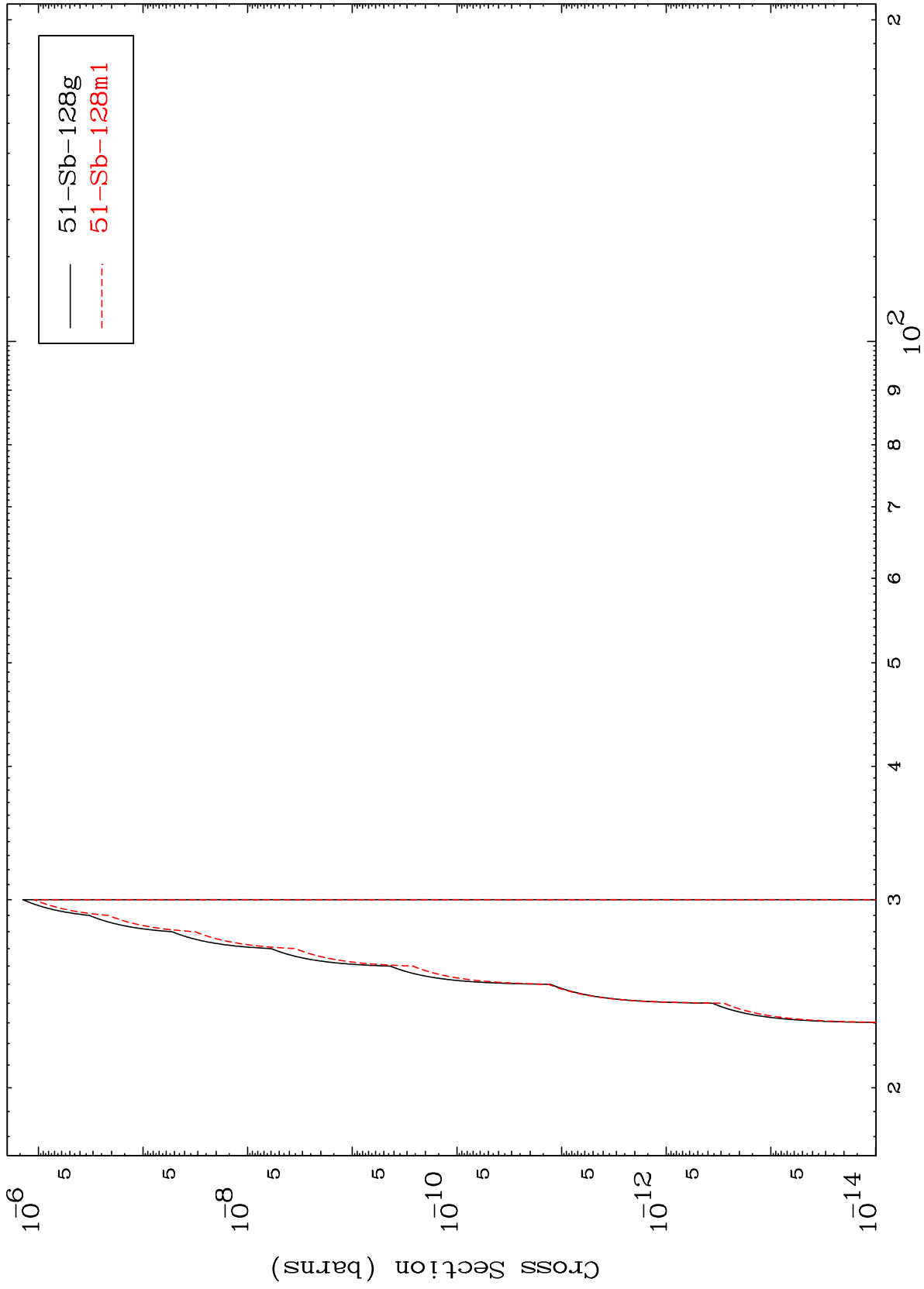
53-I -131

MAT 5337

(n, n') He-3

53-I -131

Radionuclide Production Cross Section



141

Incident Energy (MeV)

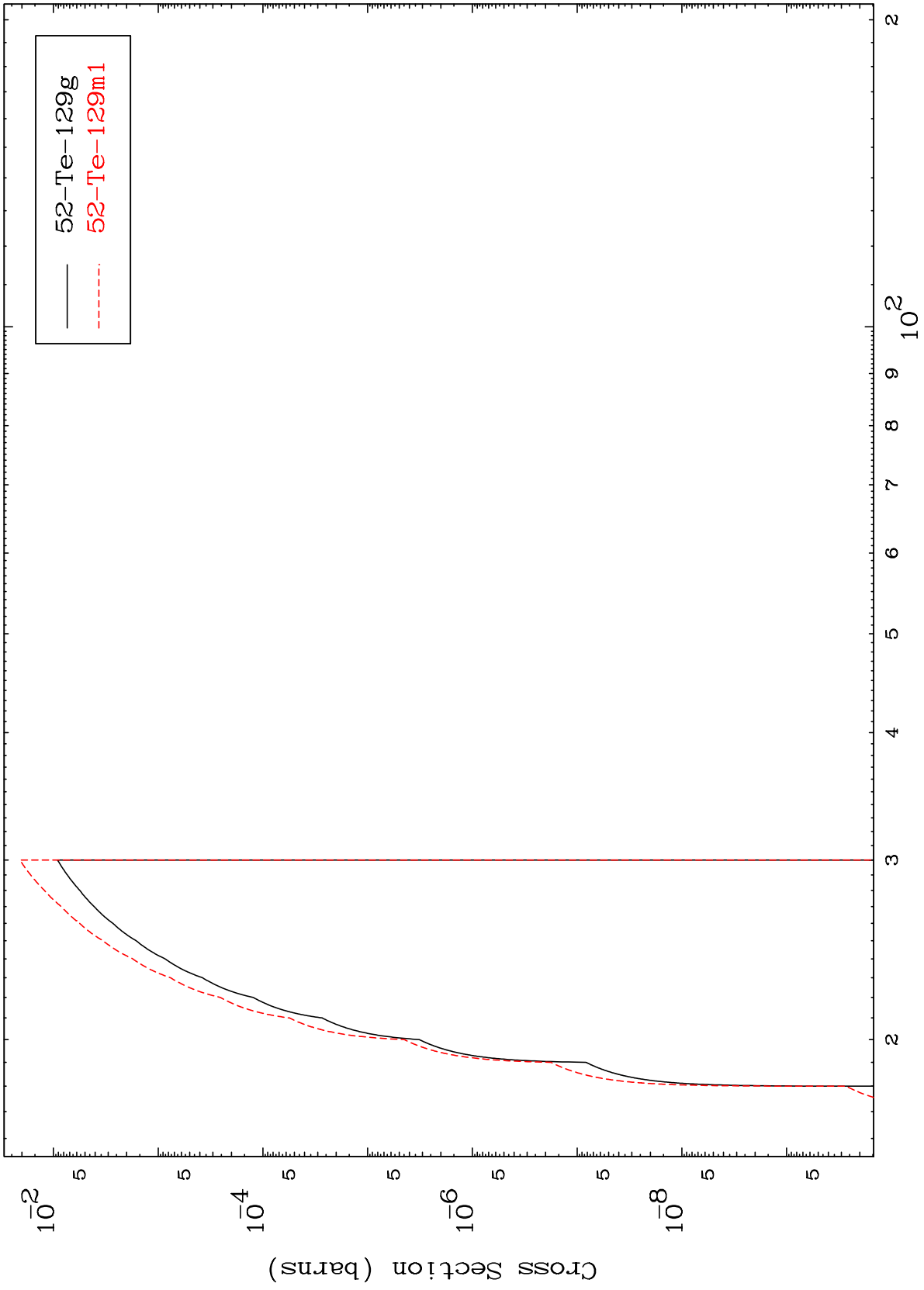
53-I -131

MAT 5337

(n,2n) p

53-I -131

Radionuclide Production Cross Section



142

Incident Energy (MeV)

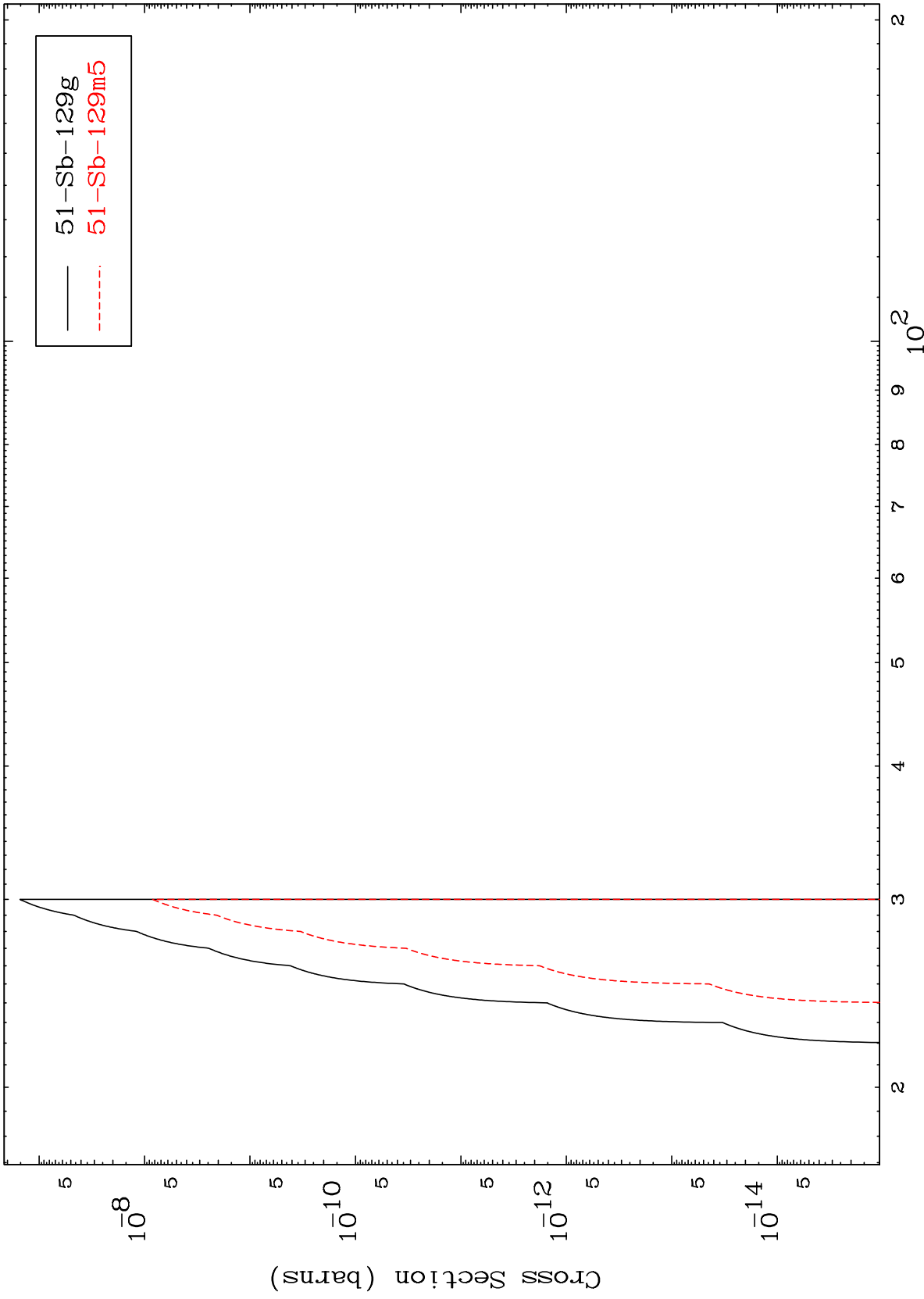
53-I -131

MAT 5337

(n,2n) p

53-I -131

Radionuclide Production Cross Section



143

Incident Energy (MeV)

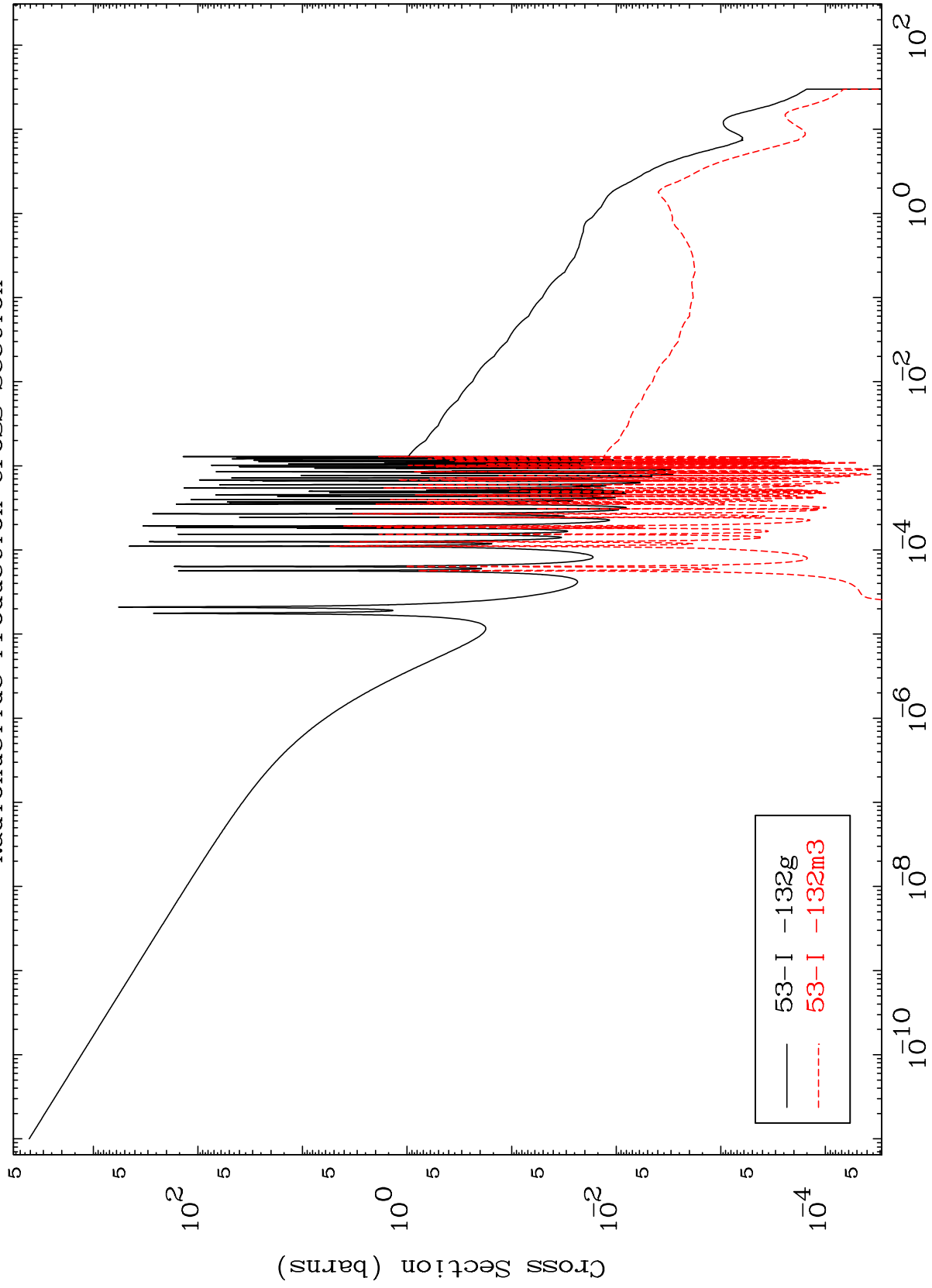
53-I -131

MAT 5337

53-I -131

Radionuclide Production Cross Section

(n,γ)



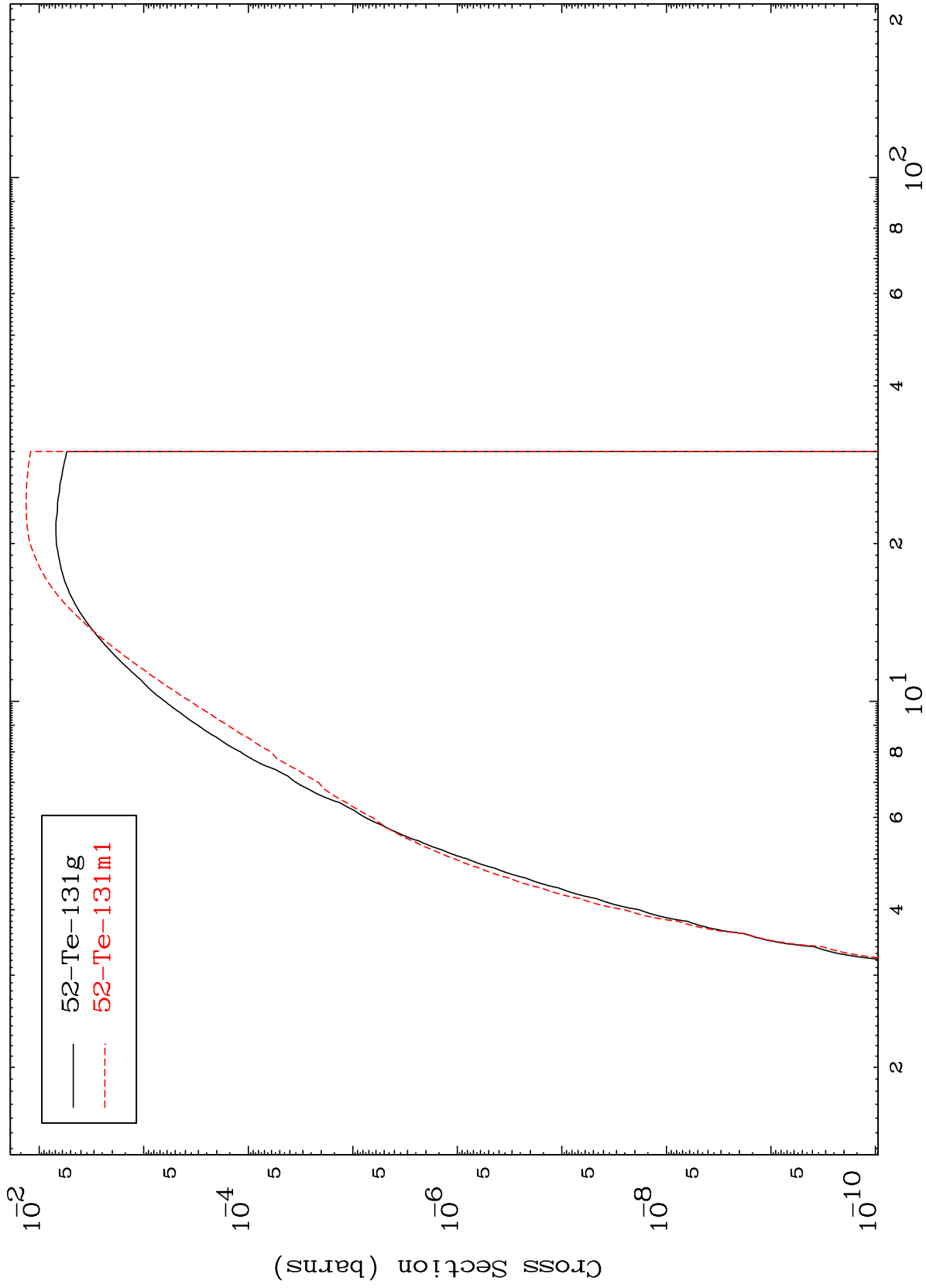
144

53-I -131

MAT 5337

53-I -131

(n,p)
Radionuclide Production Cross Section



— 52-Te-131g
- - - 52-Te-131m1

145

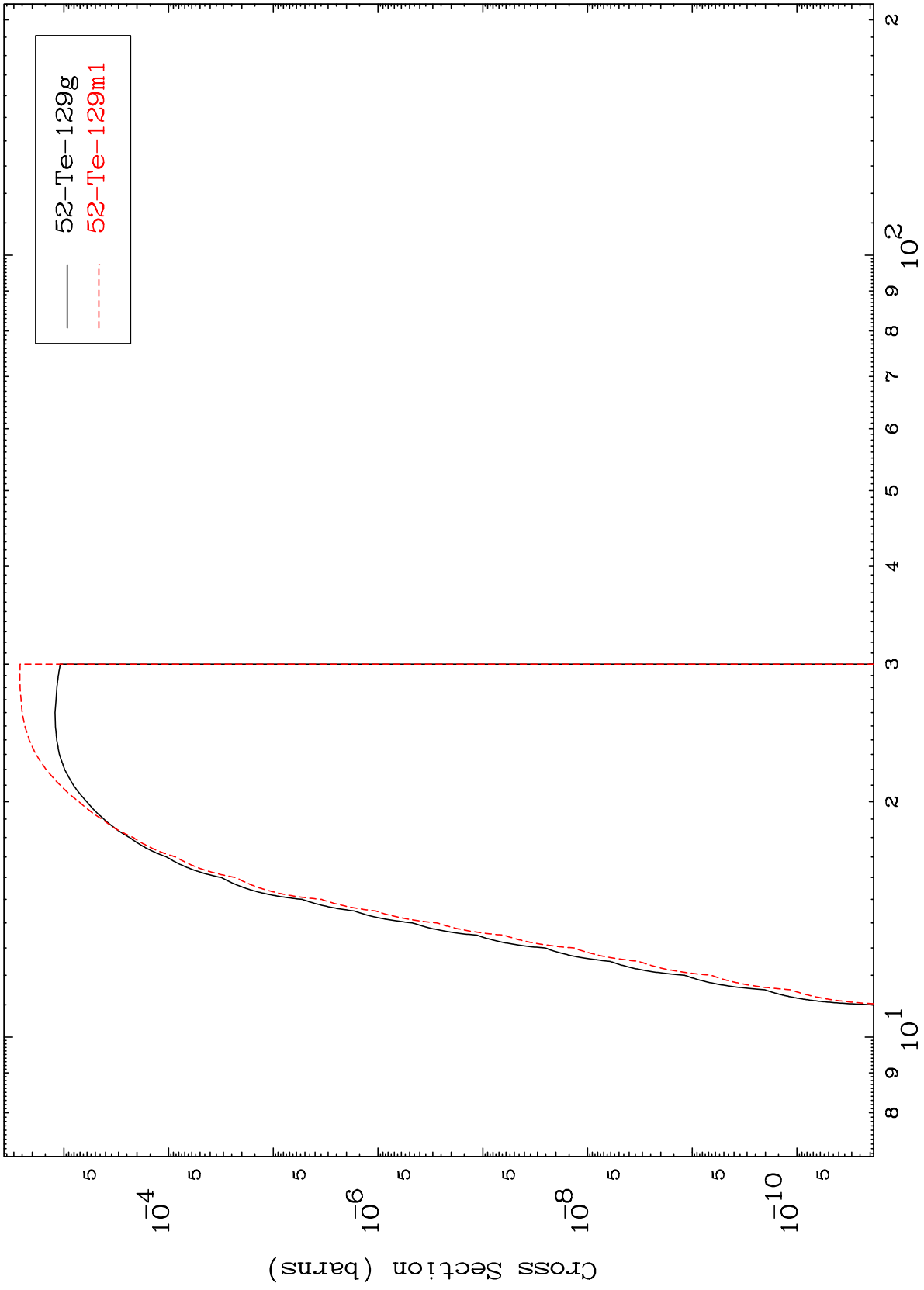
Incident Energy (MeV)

53-I -131

MAT 5337

53-I -131

(n, t)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

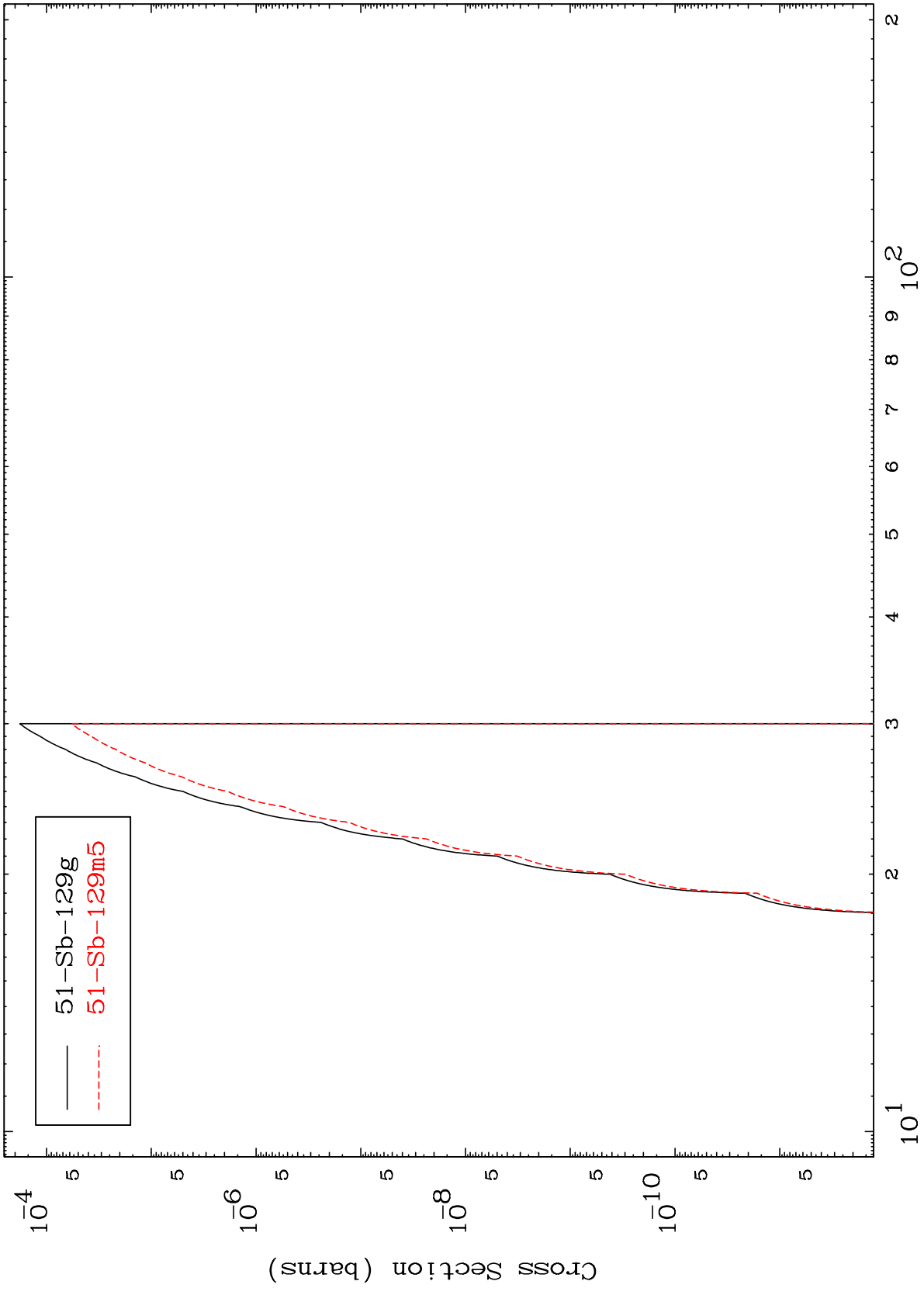
53-I -131

MAT 5337

(n,He-3)

53-I -131

Radionuclide Production Cross Section



147

Incident Energy (MeV)

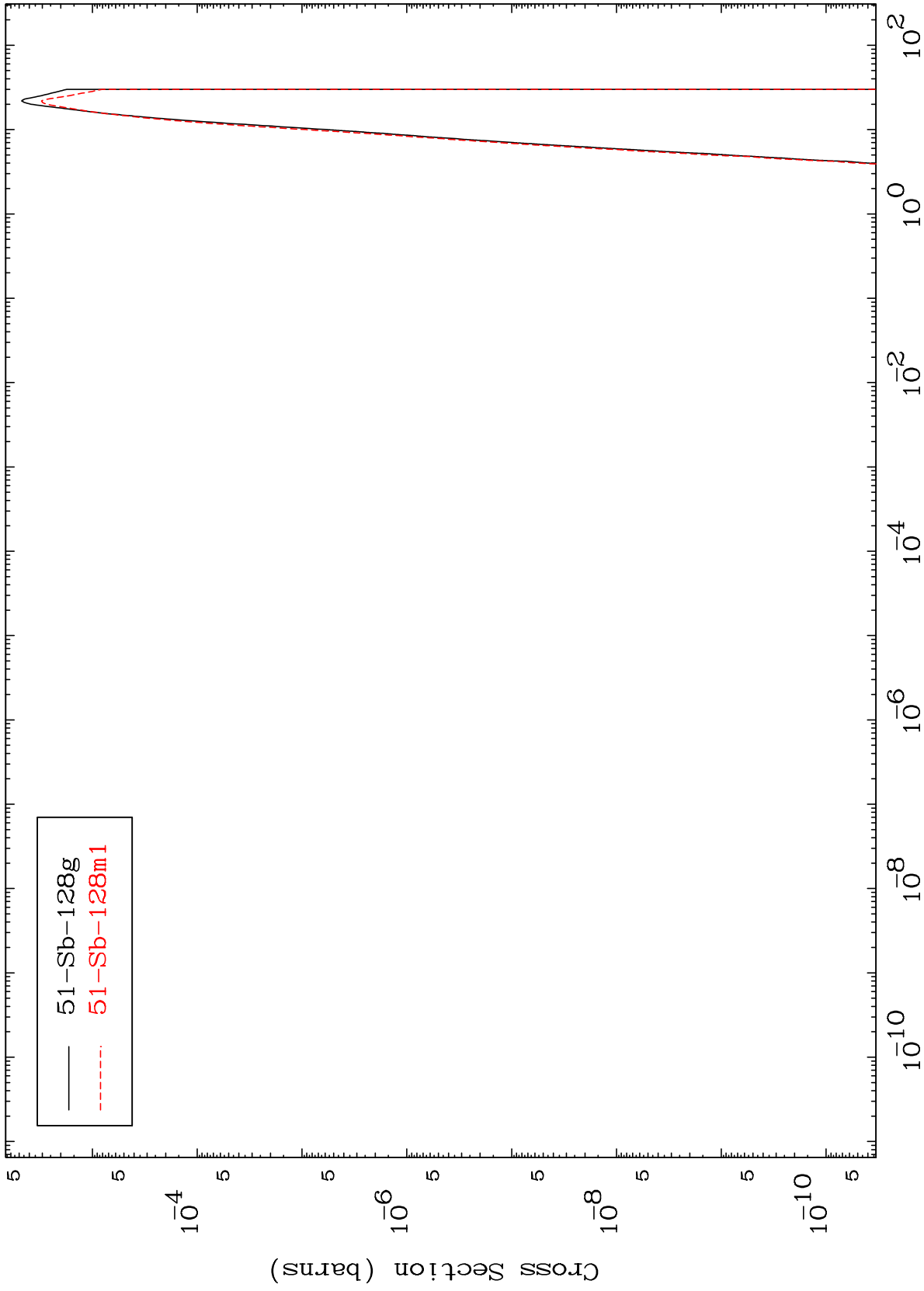
53-I -131

MAT 5337

(n,α)

53-I -131

Radionuclide Production Cross Section



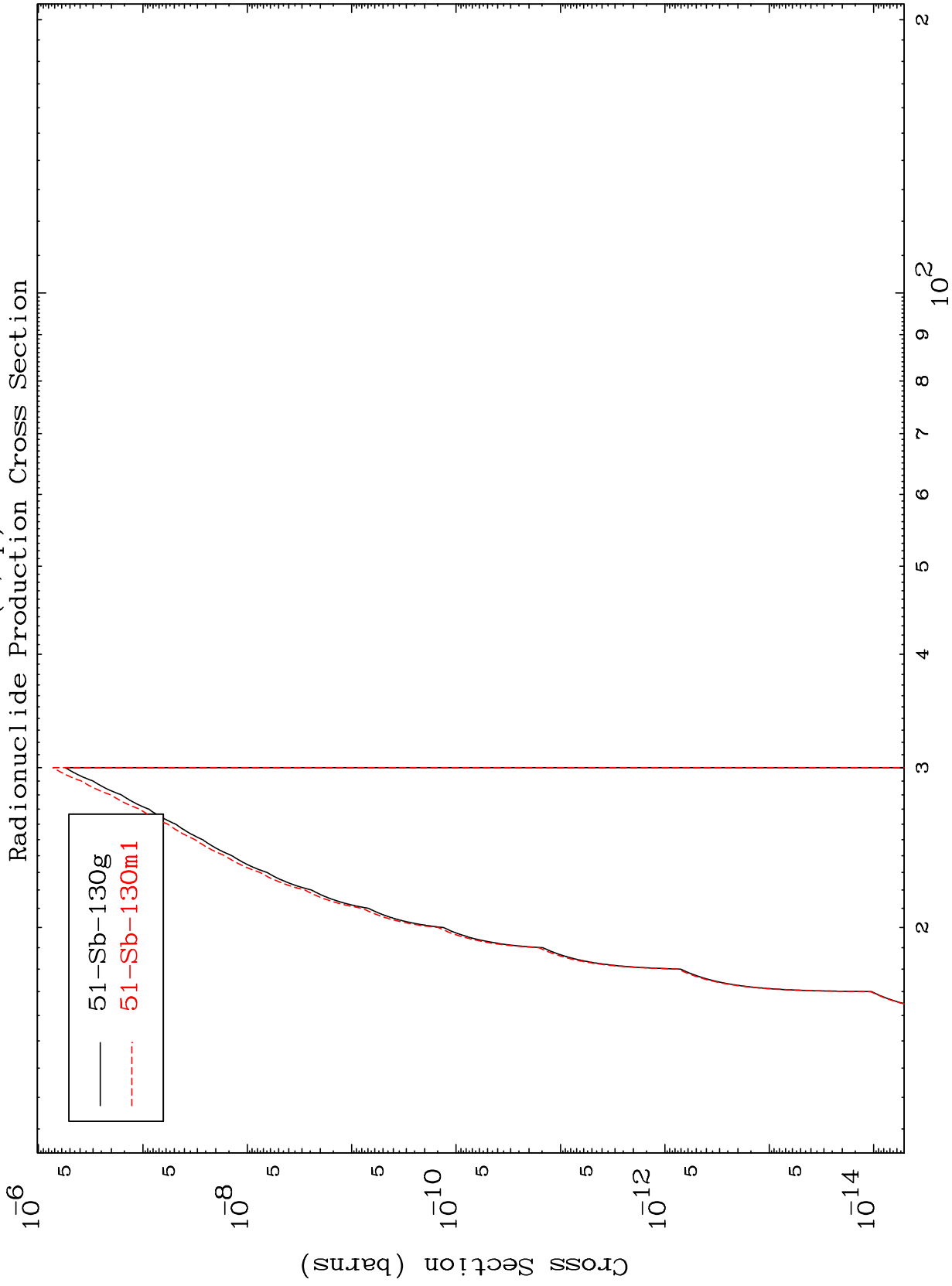
148

Incident Energy (MeV)

53-I -131

MAT 5337

53-I -131



149

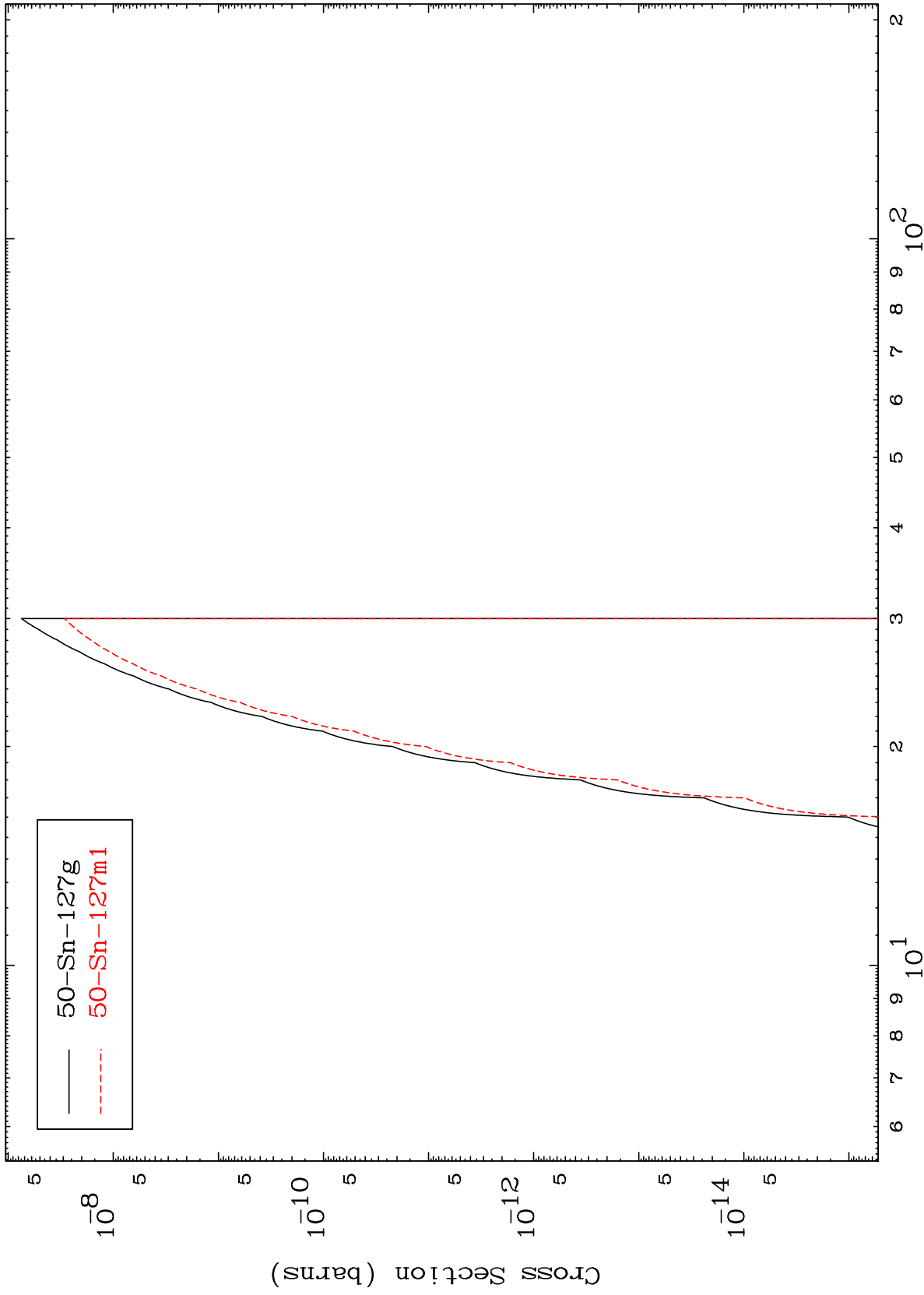
53-I -131

MAT 5337

(n,p) α

53-I -131

Radionuclide Production Cross Section



150

Incident Energy (MeV)

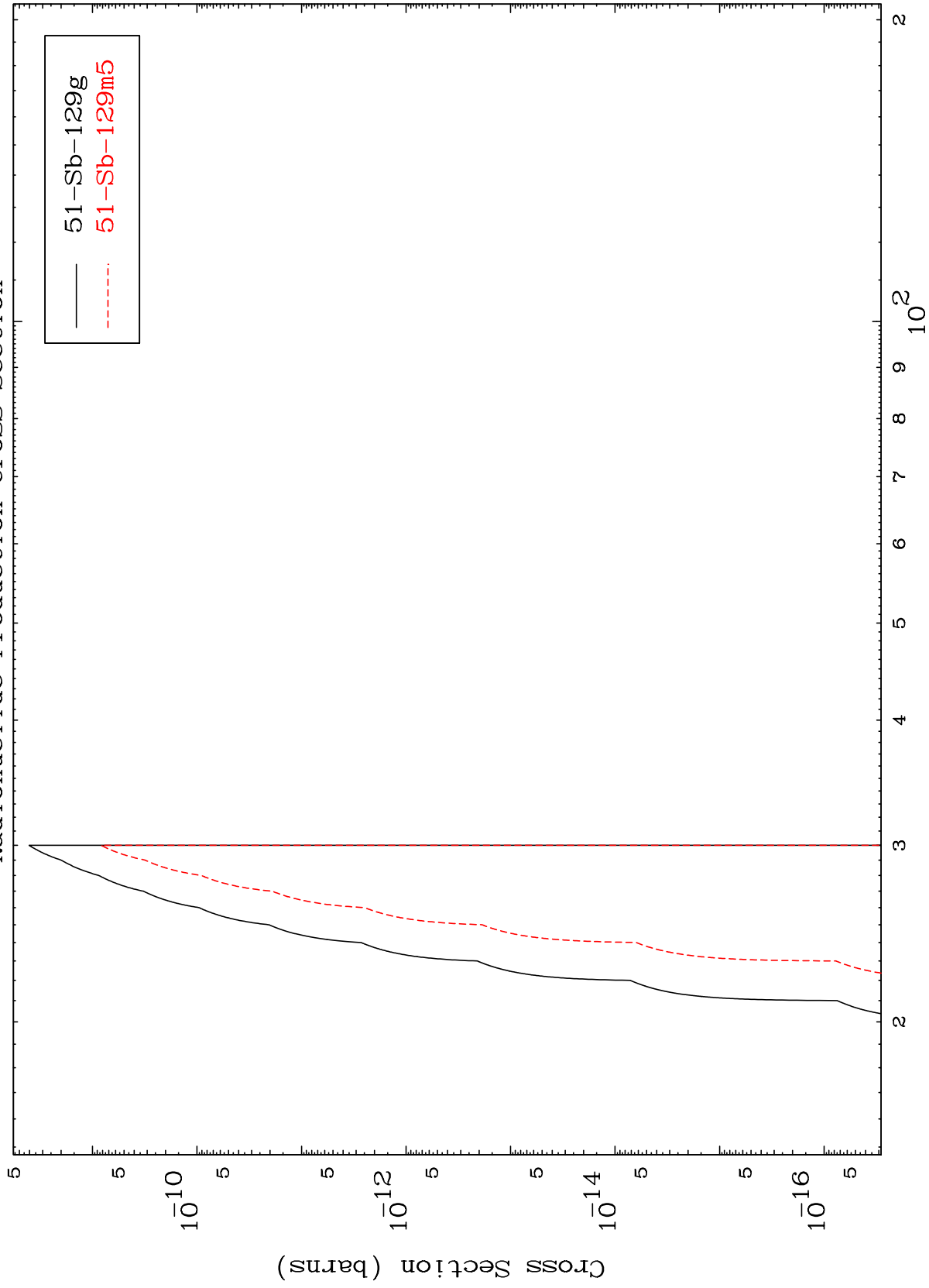
53-I -131

MAT 5337

(n,p) d

53-I -131

Radionuclide Production Cross Section



151

Incident Energy (MeV)

53-I -131

Radionuclide Production Cross Section

