

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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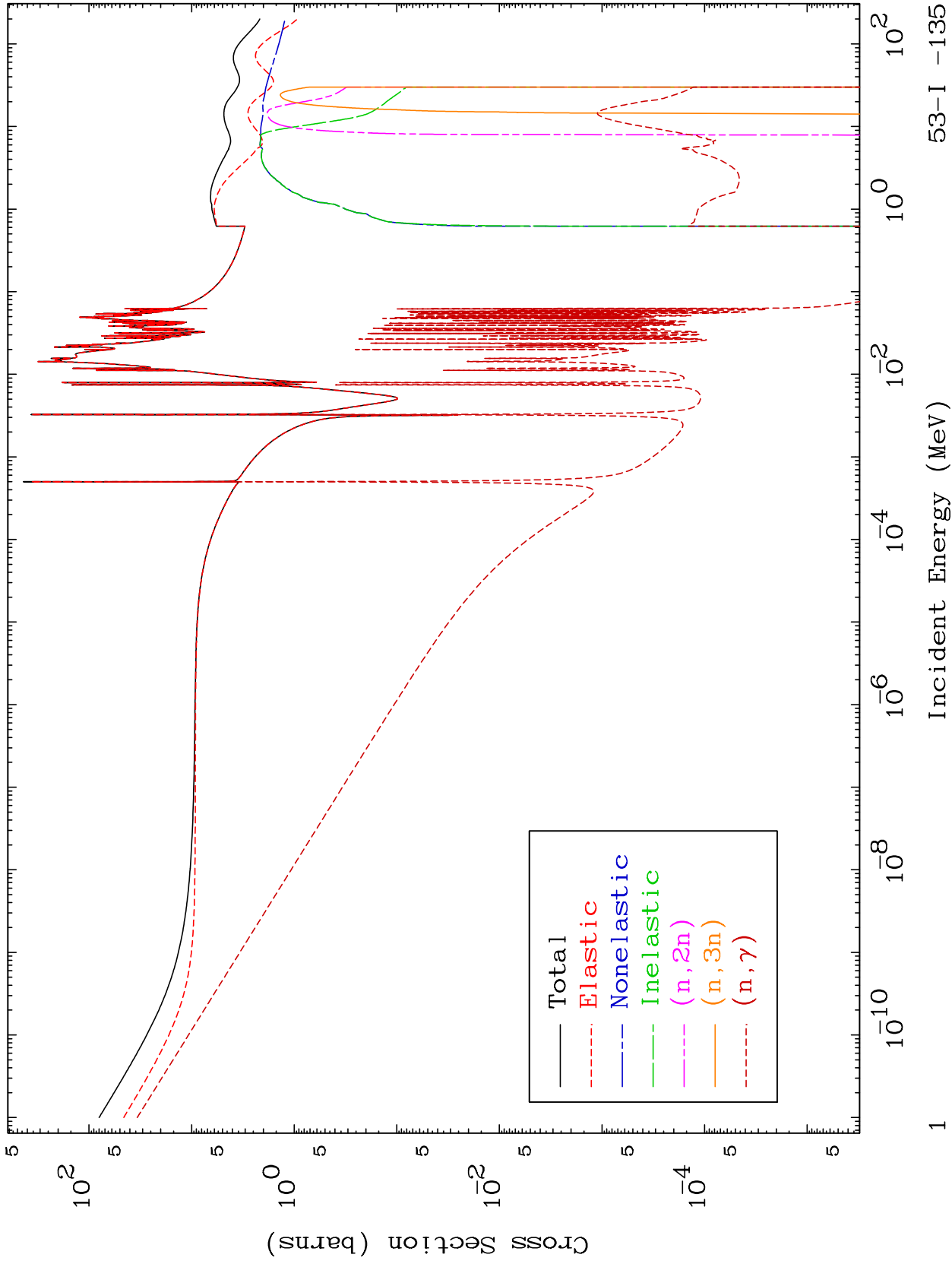
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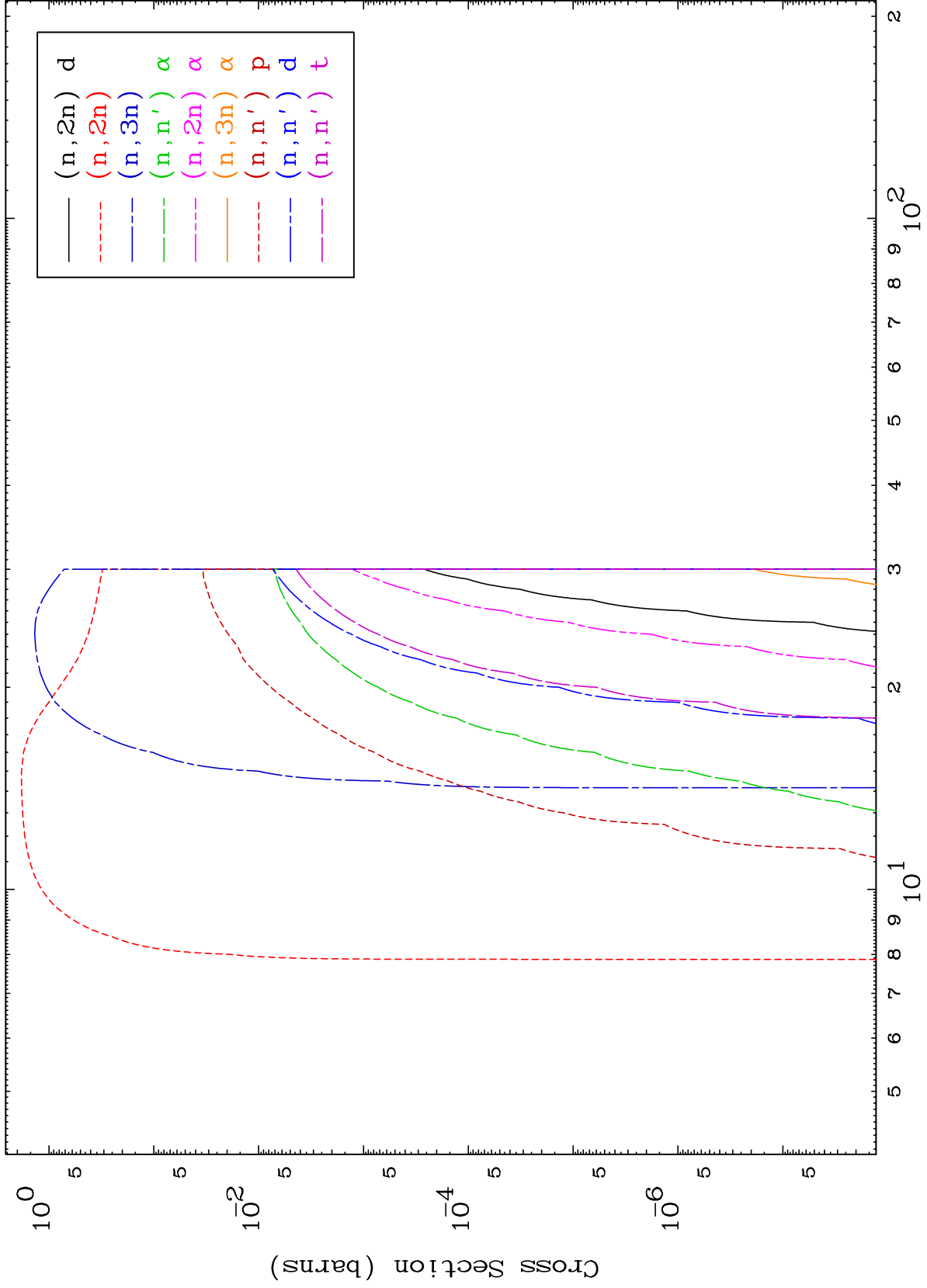
Press Mouse Button to Start

MAT 5349

Neutron Major
293 Kelvin Cross Sections

53-I -135

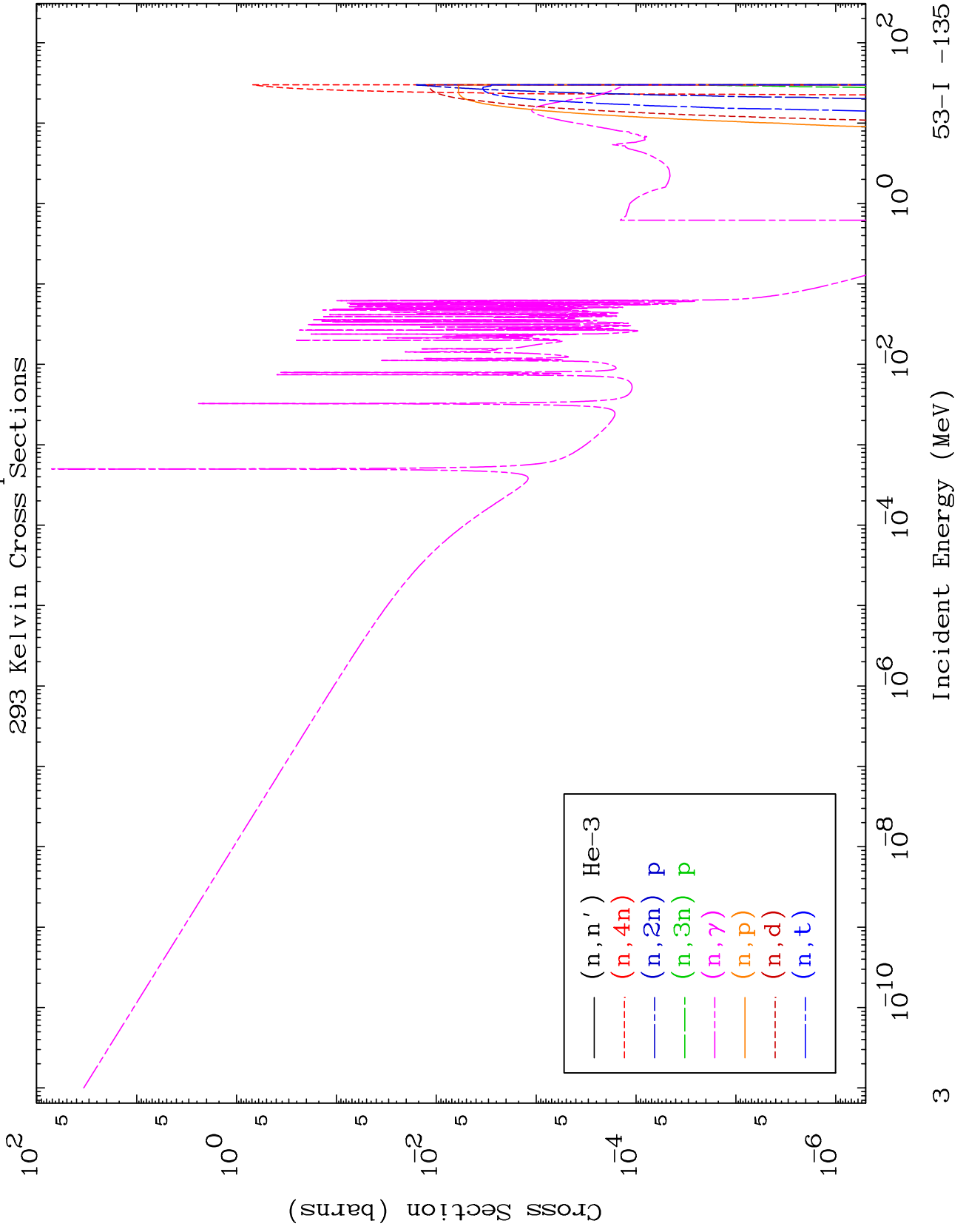


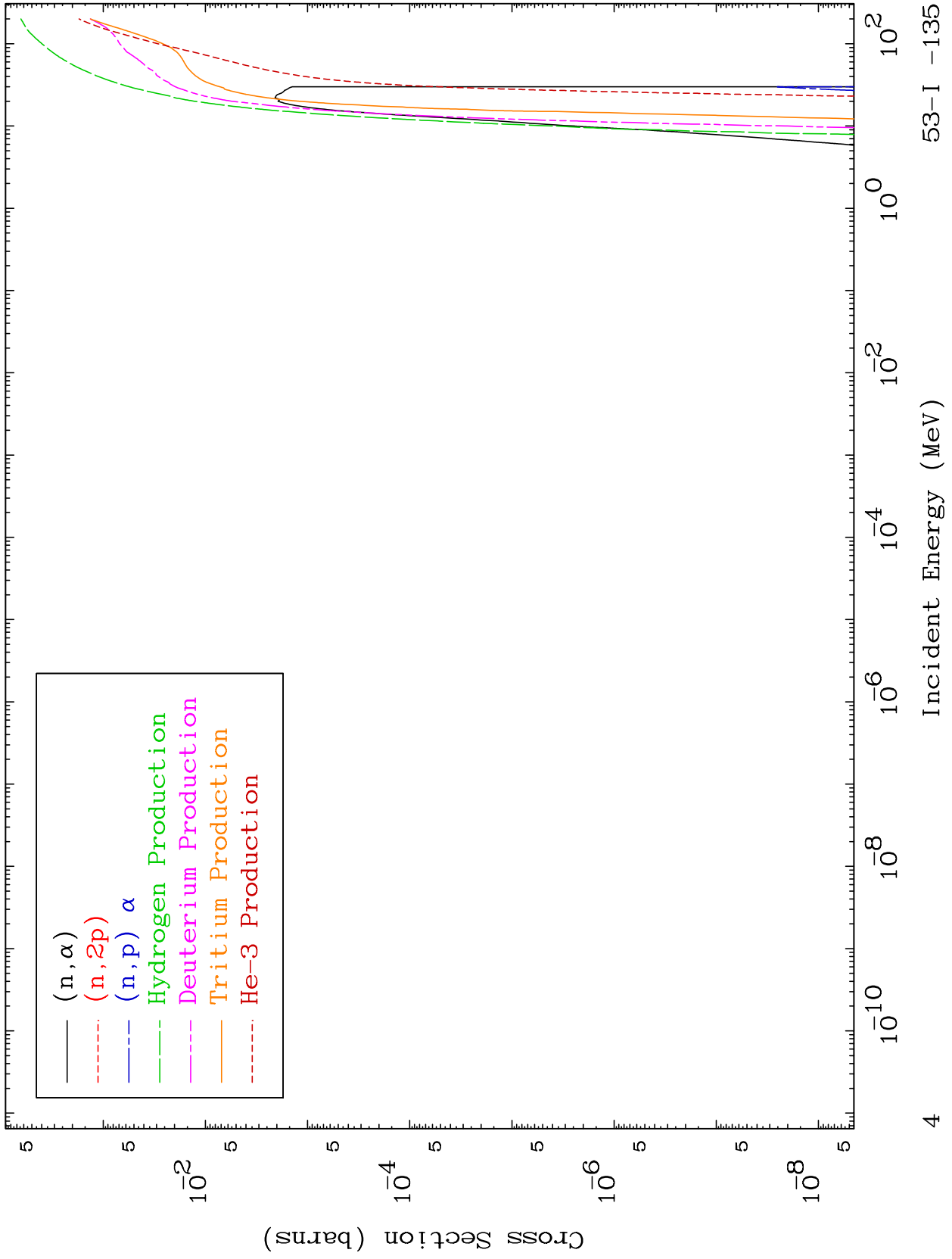


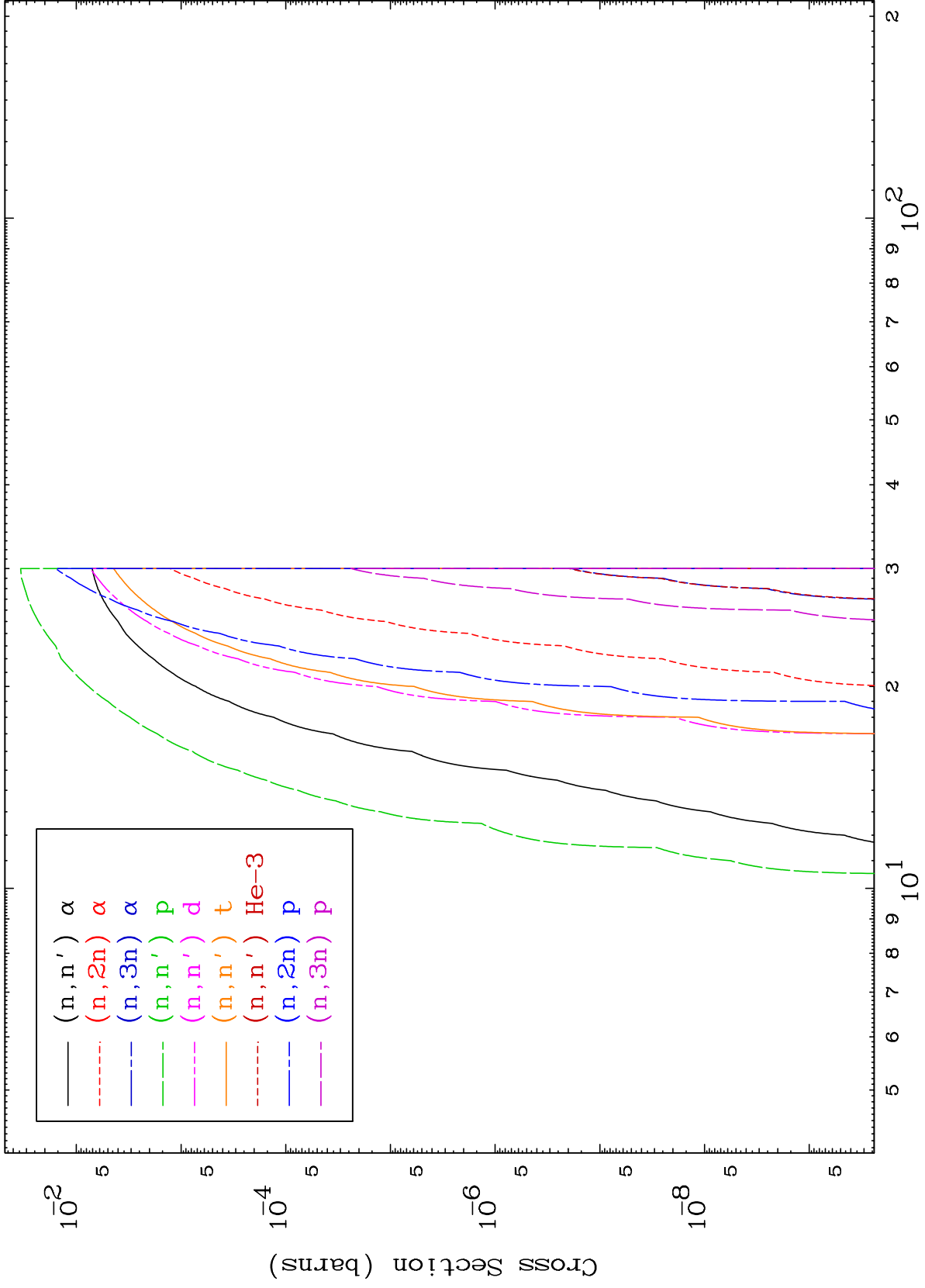
MAT 5349

Neutron Absorption
293 Kelvin Cross Sections

53-I -135



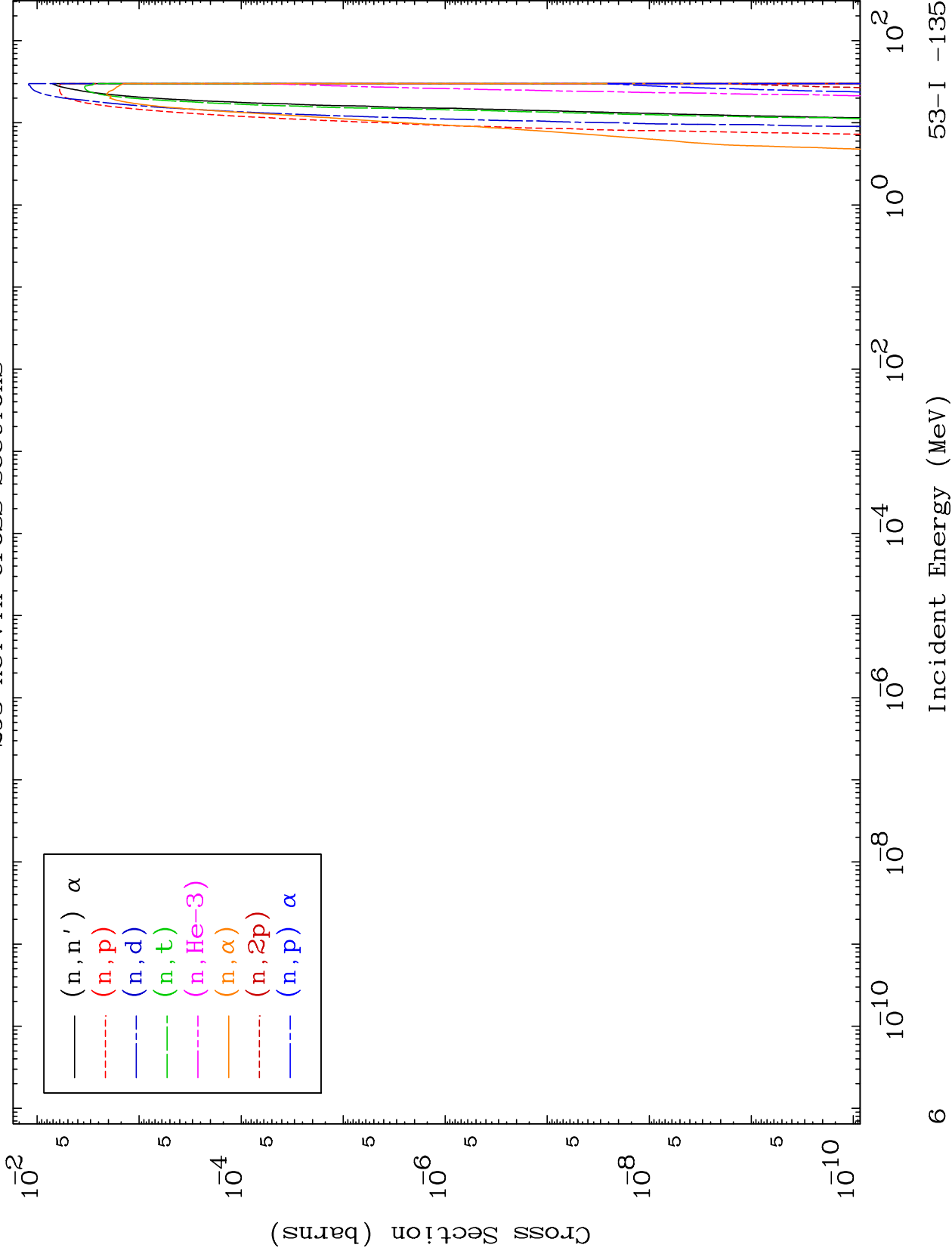


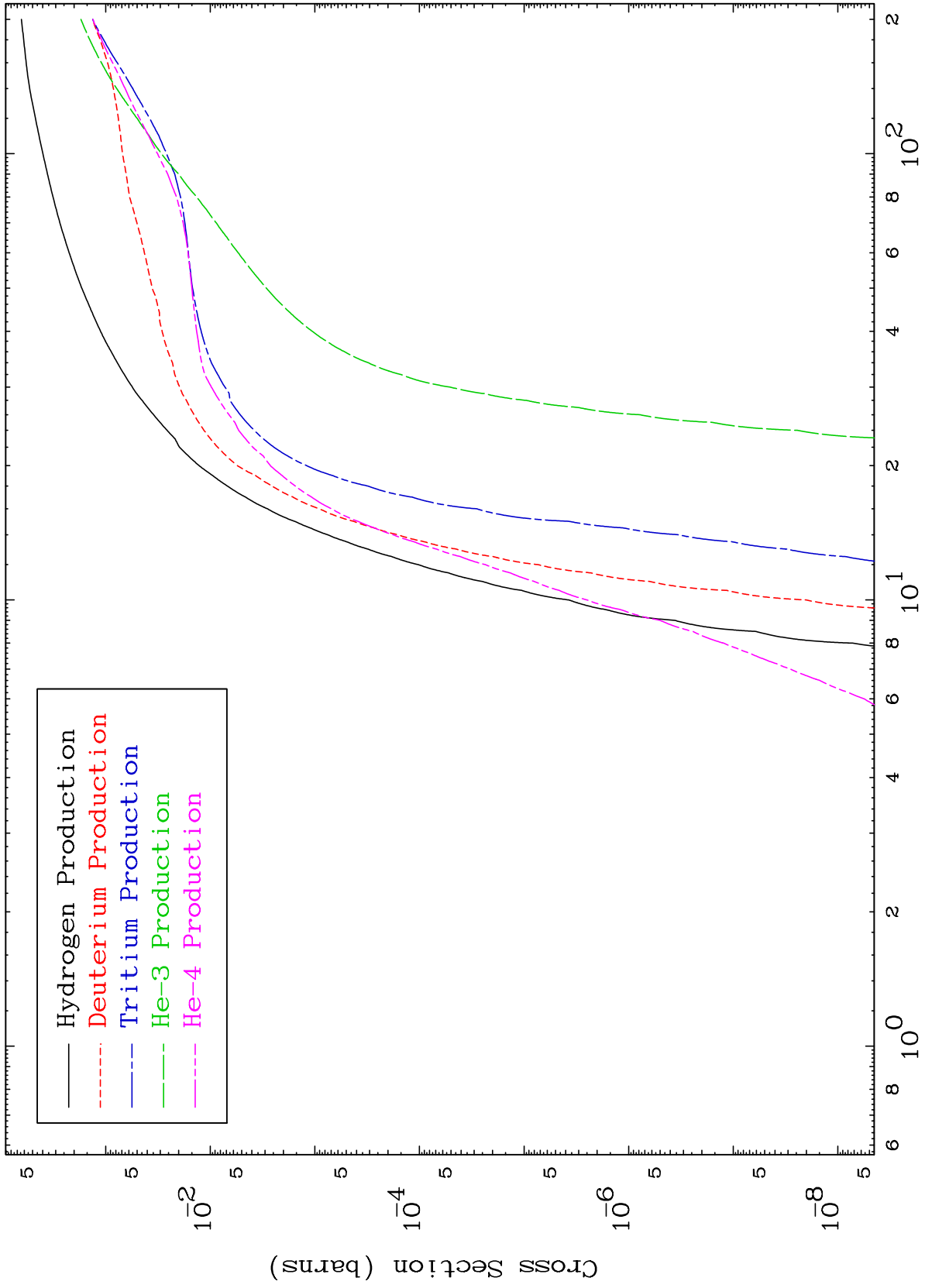


MAT 5349

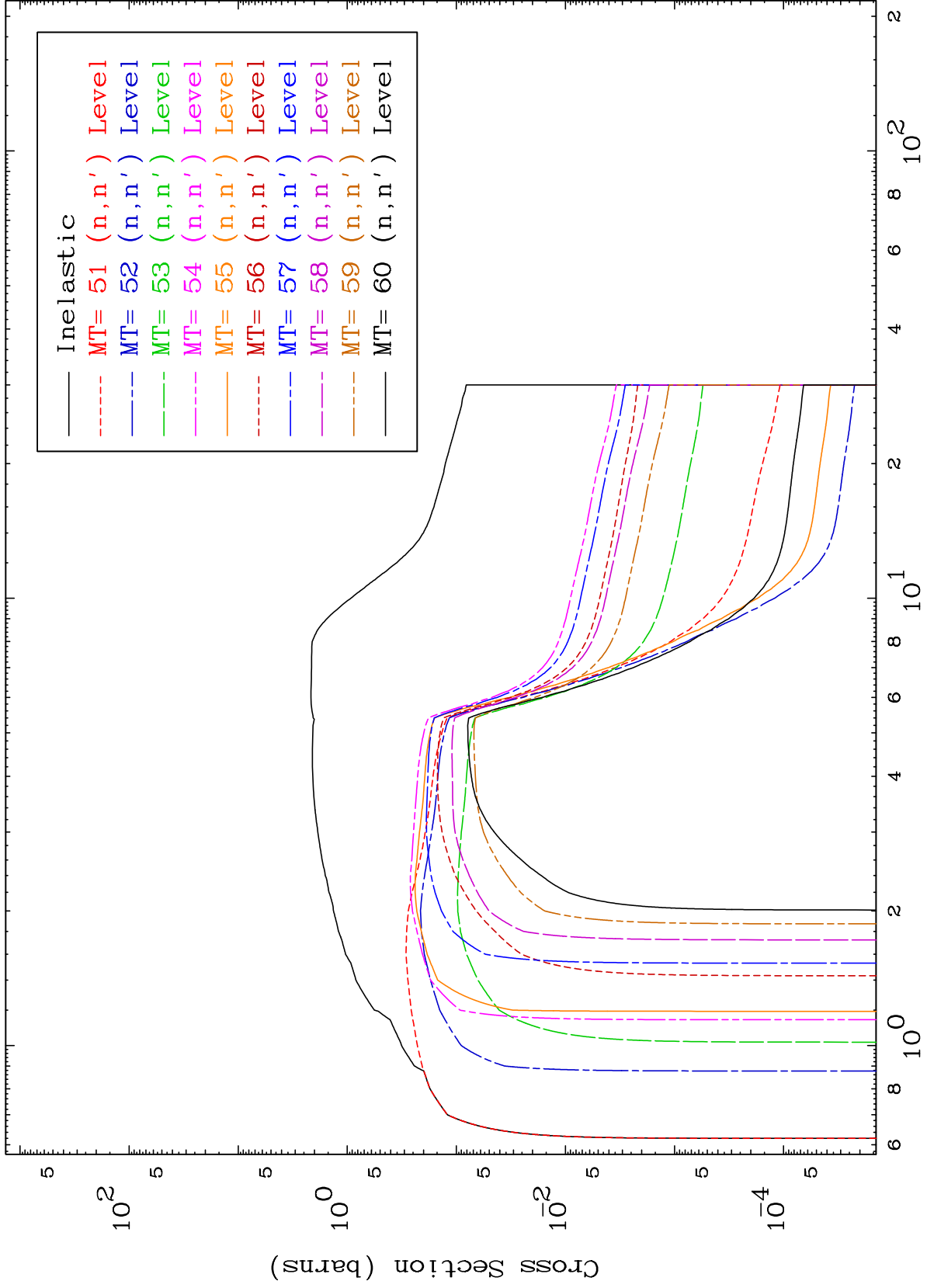
Charged Particle
293 Kelvin Cross Sections

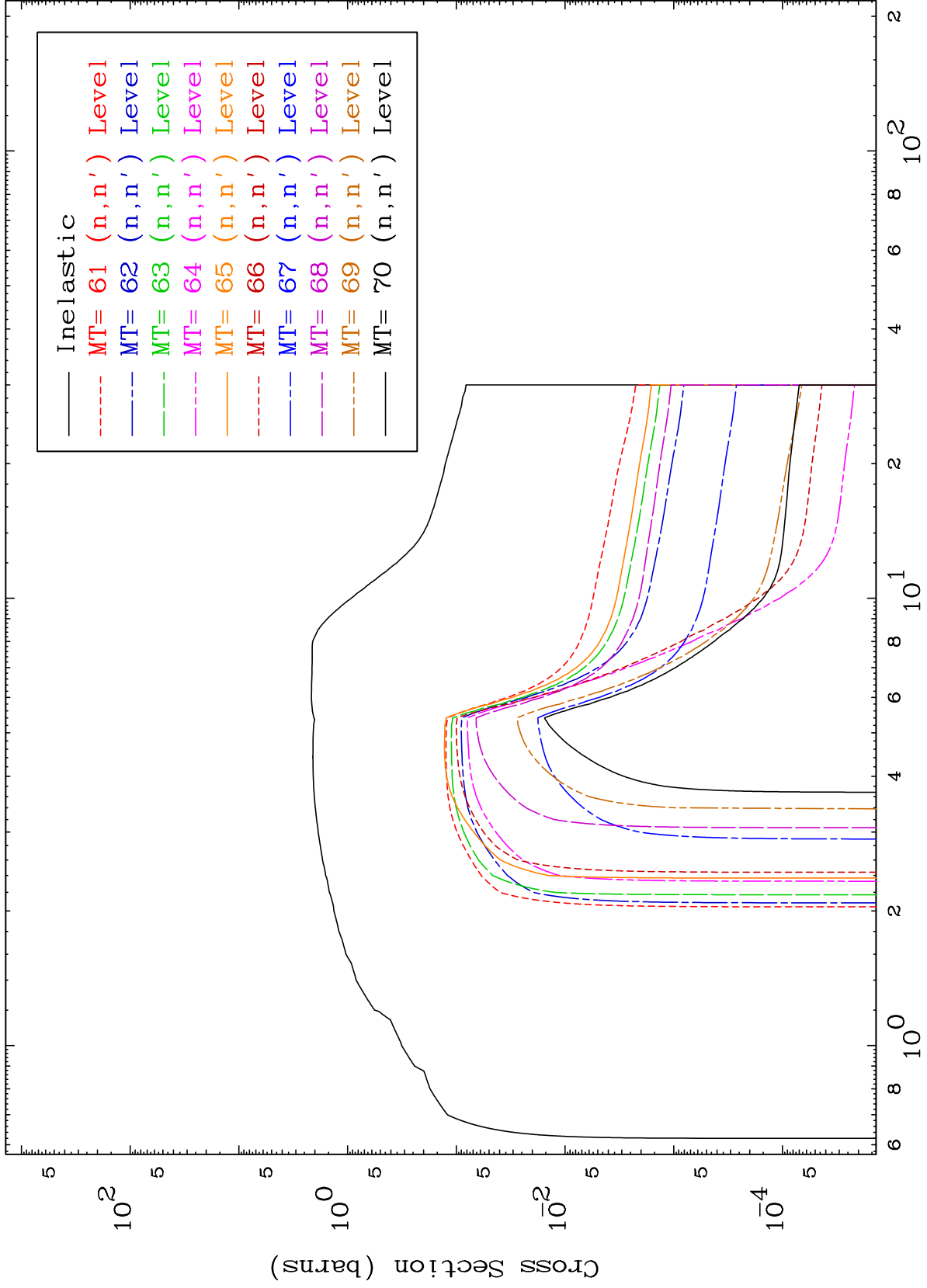
53-I -135





293 Kelvin Cross Sections



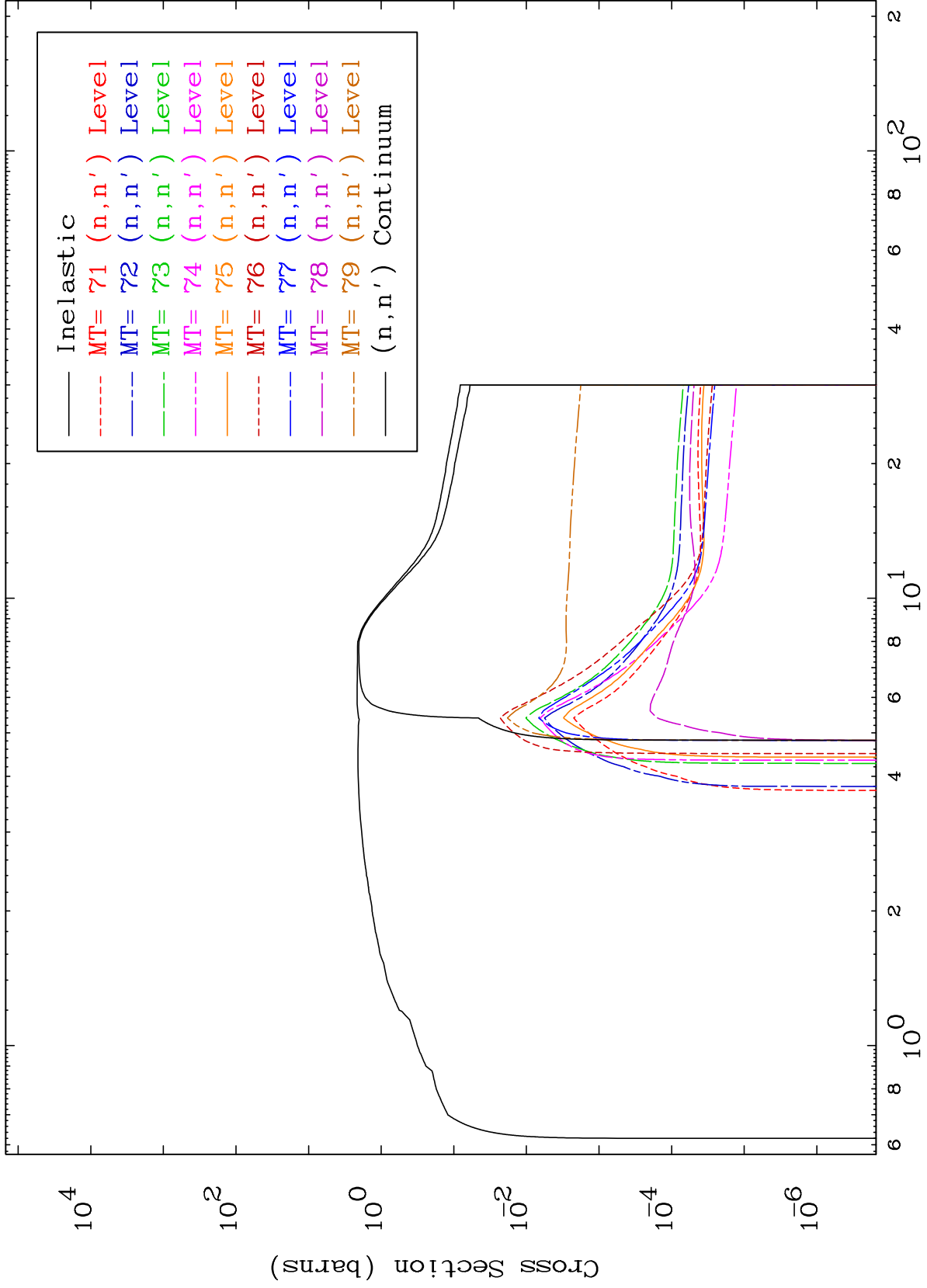


MAT 5349

(n,n') Levels

53-I -135

293 Kelvin Cross Sections



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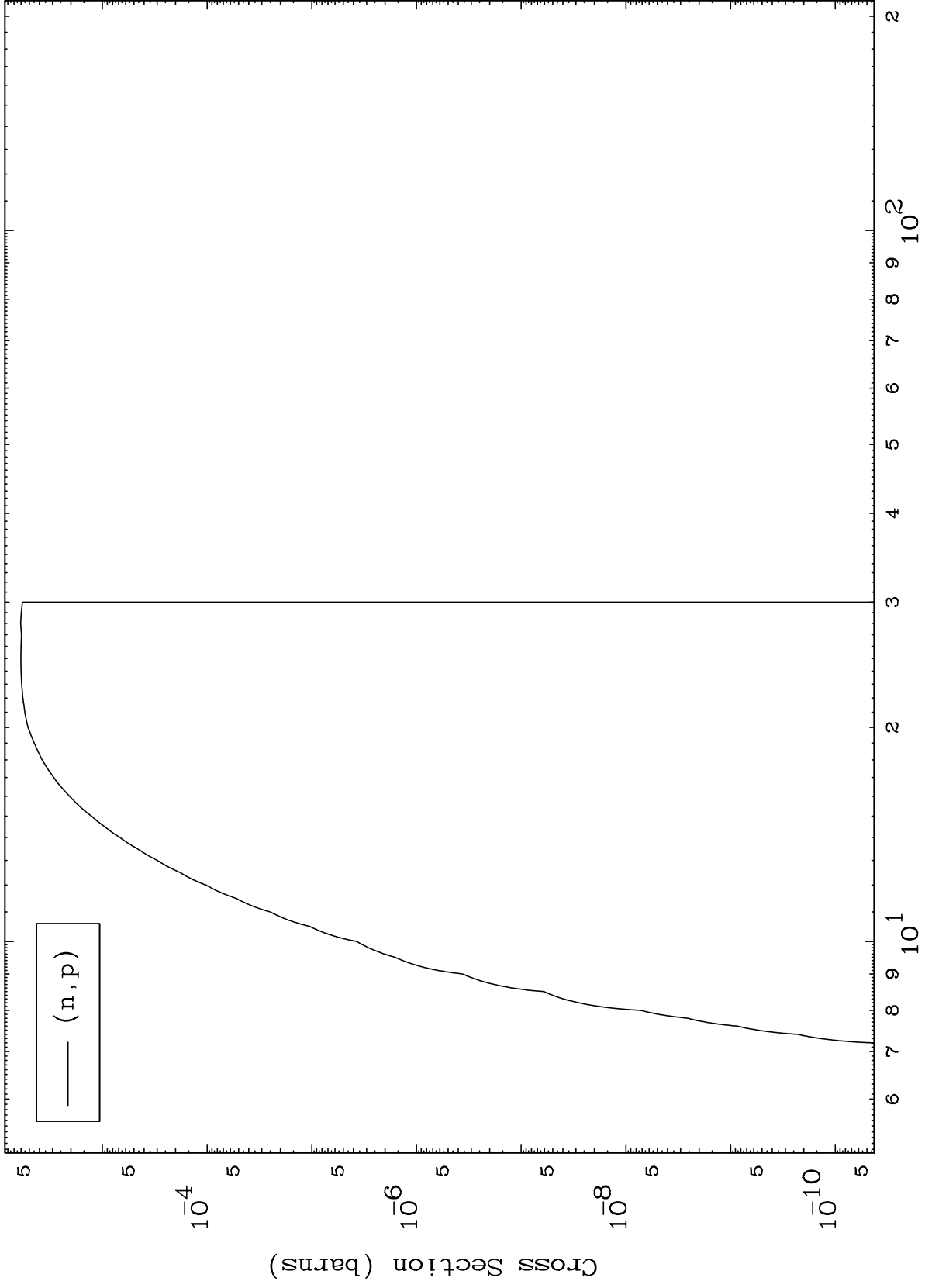
Incident Energy (MeV)

53-I -135

MAT 5349

(n,p) Levels
293 Kelvin Cross Sections

53-I -135



11

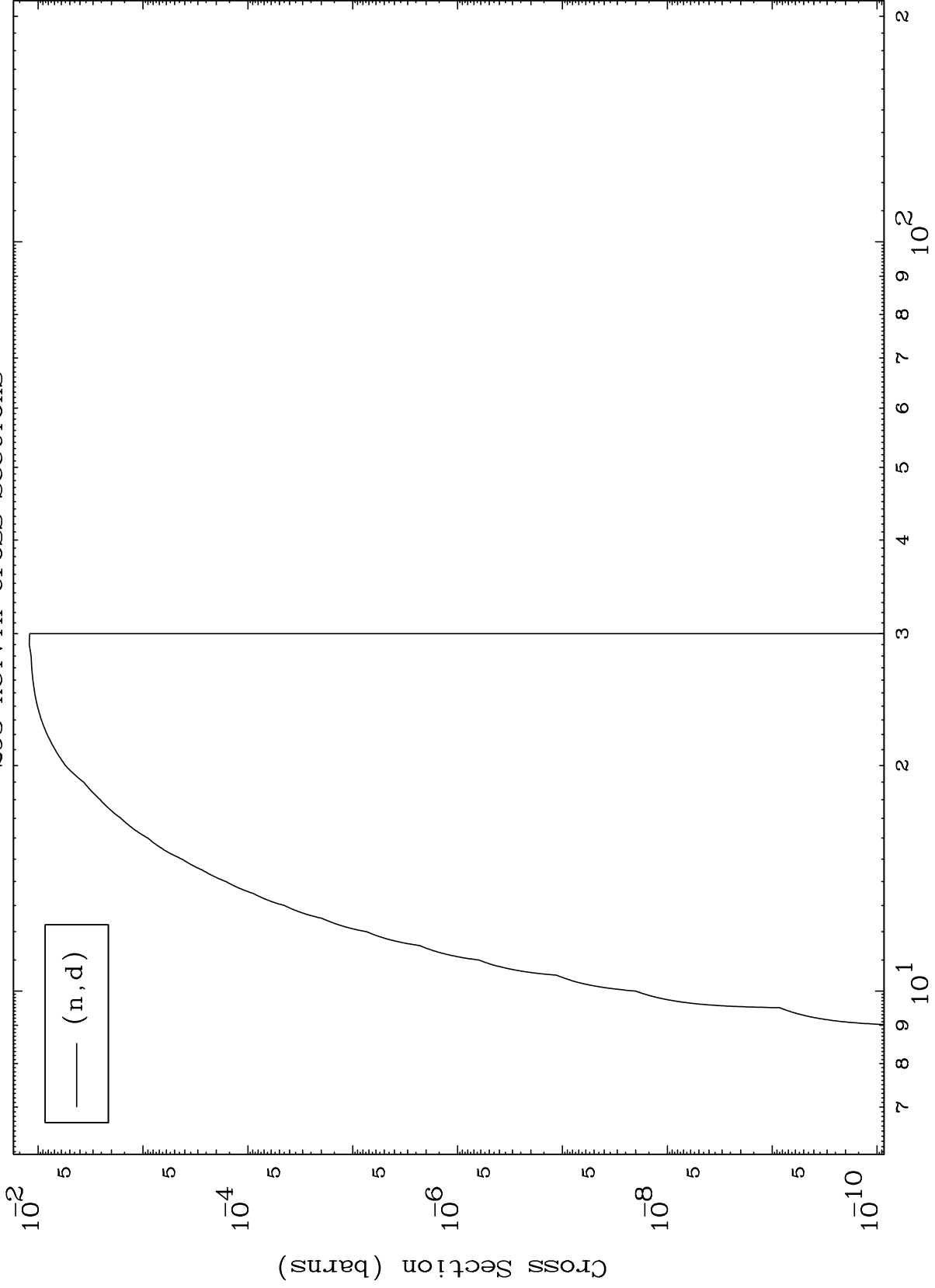
Incident Energy (MeV)

53-I -135

MAT 5349

(n,d) Levels
293 Kelvin Cross Sections

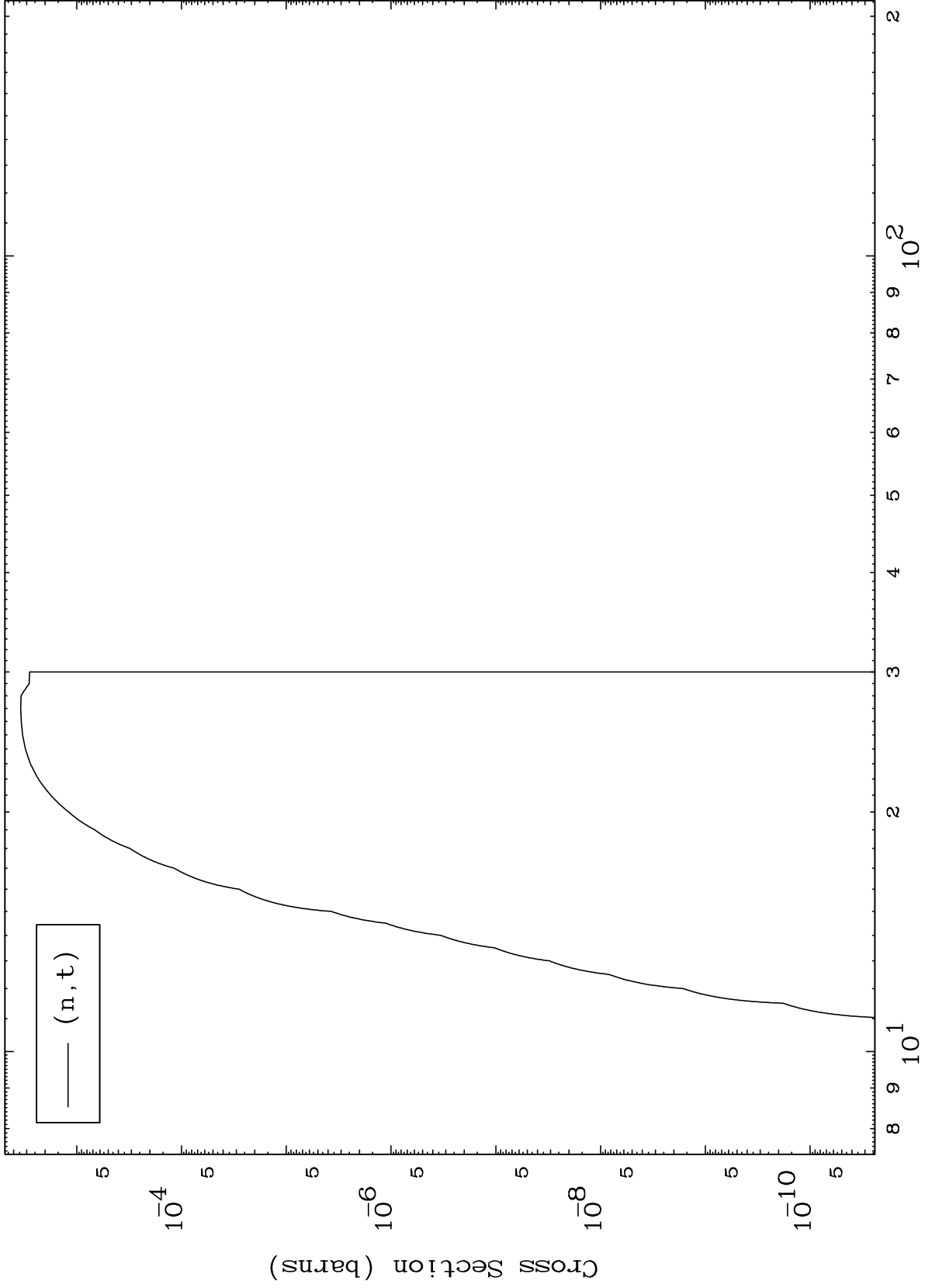
53-I -135



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Incident Energy (MeV)

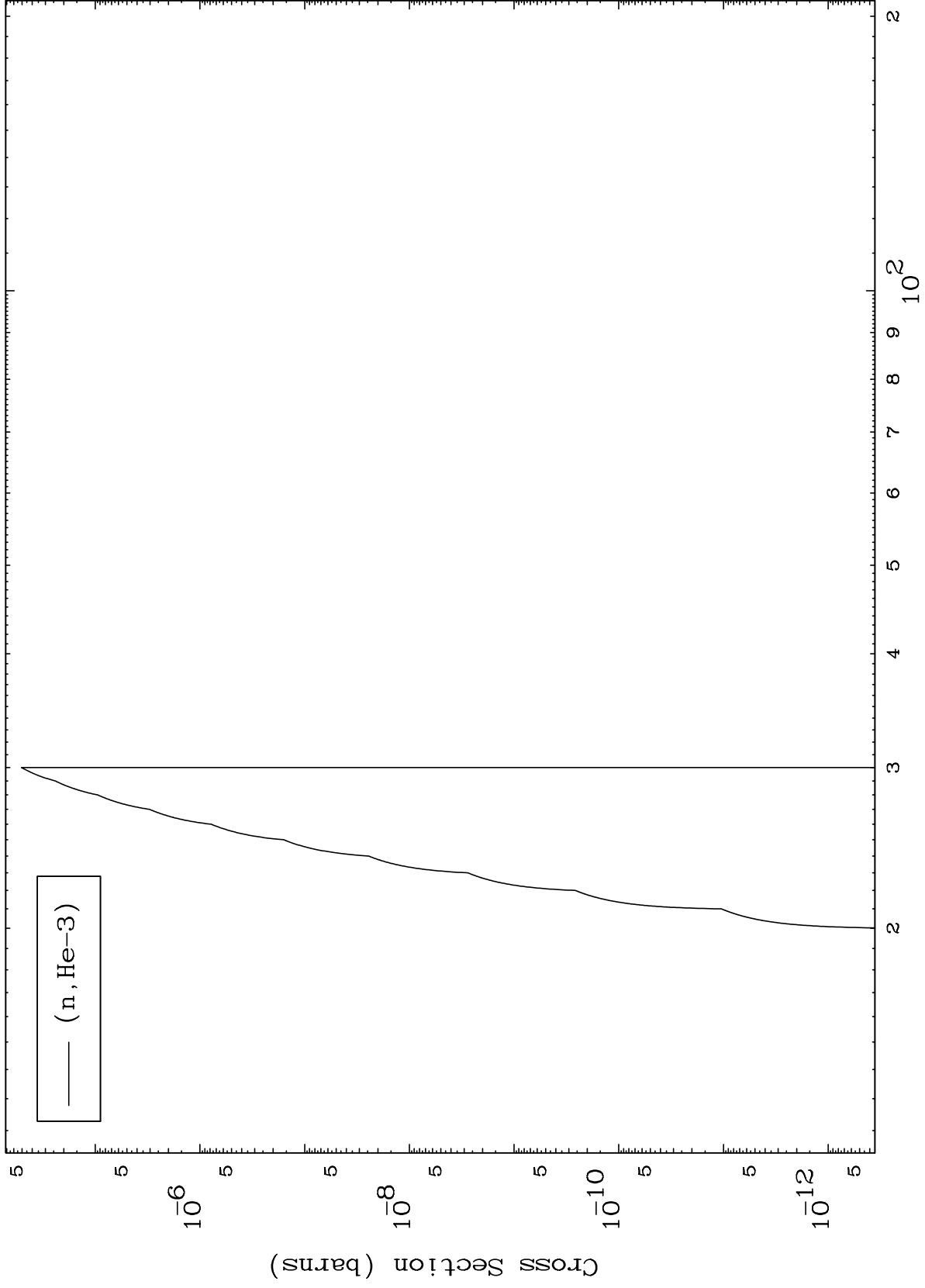
53-I -135



MAT 5349

(n,He3) Levels
293 Kelvin Cross Sections

53-I -135



14

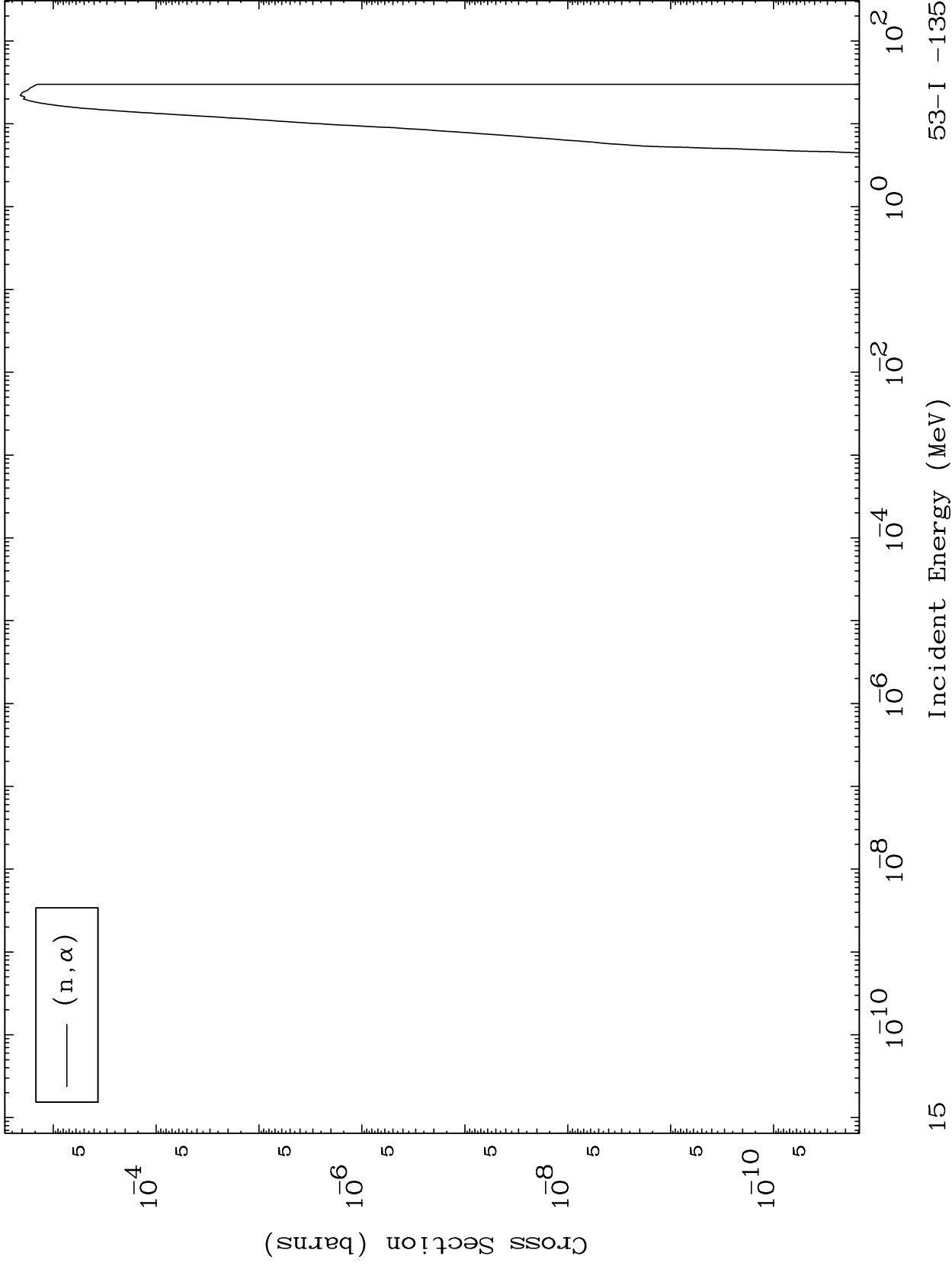
Incident Energy (MeV)

53-I -135

MAT 5349

(n, α) Levels
293 Kelvin Cross Sections

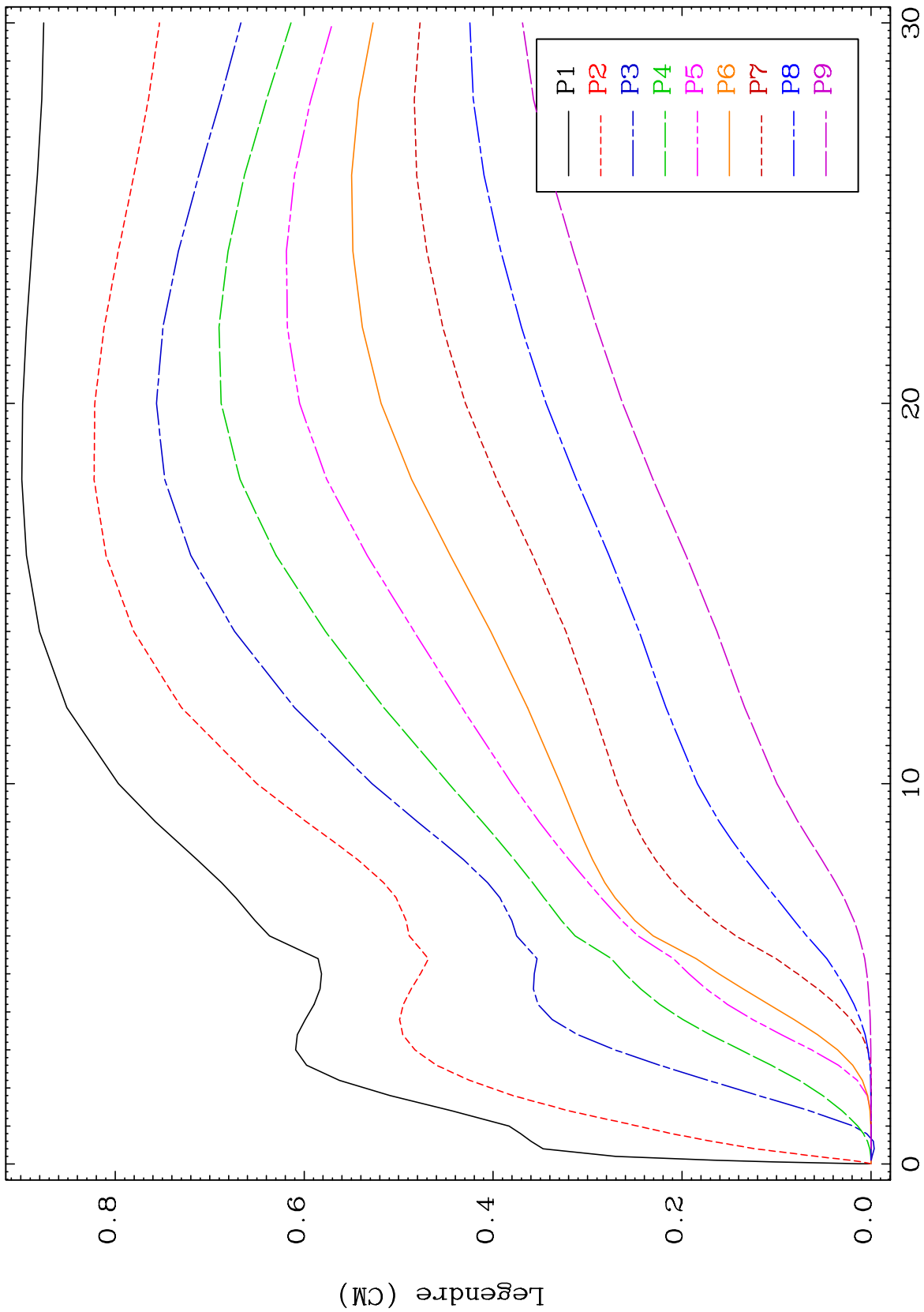
53-I -135



MAT 5349

Elastic Legendre Coefficients

53-I -135



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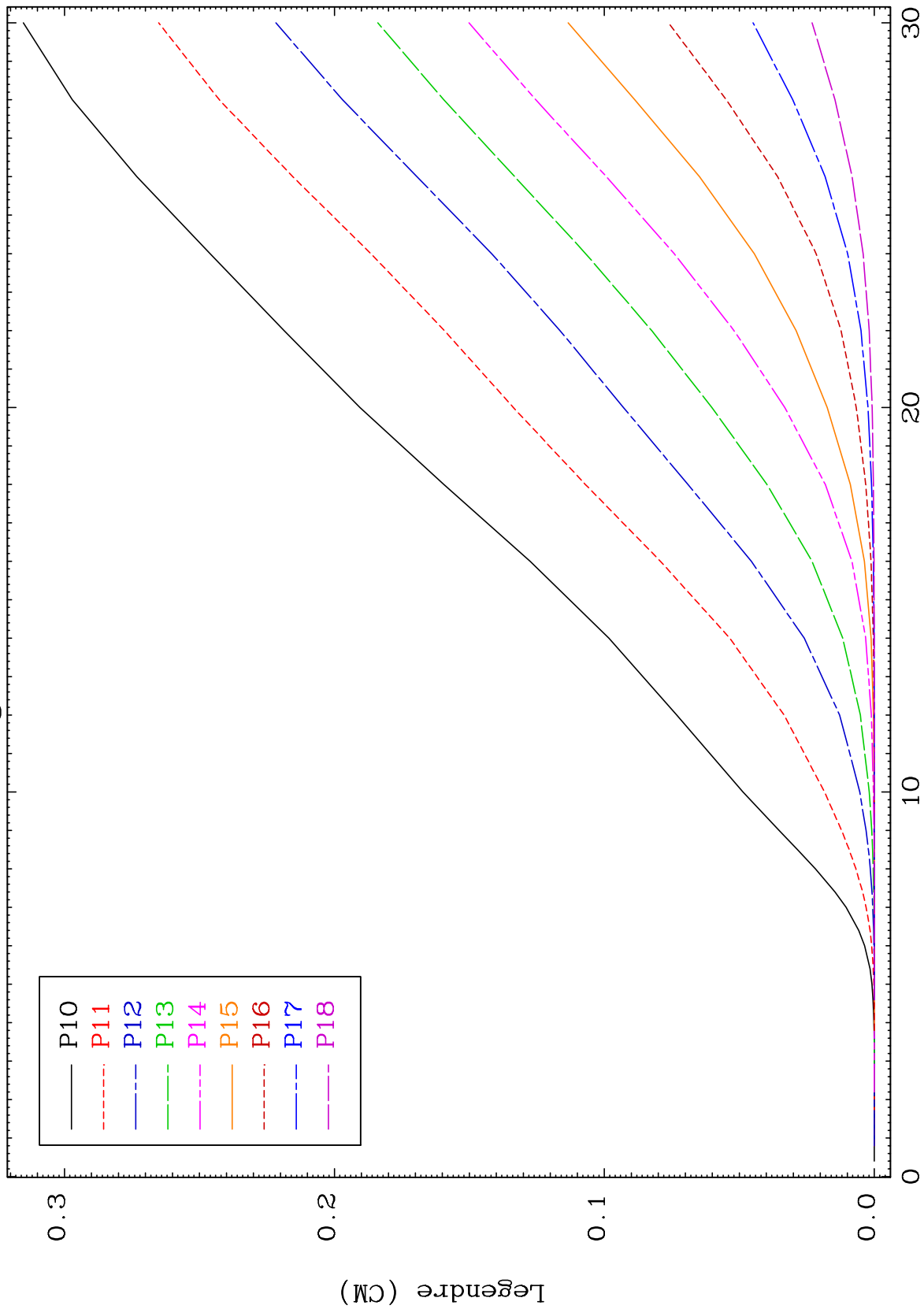
Incident Energy (MeV)

53-I -135

MAT 5349

Elastic Legendre Coefficients

53-I -135



17

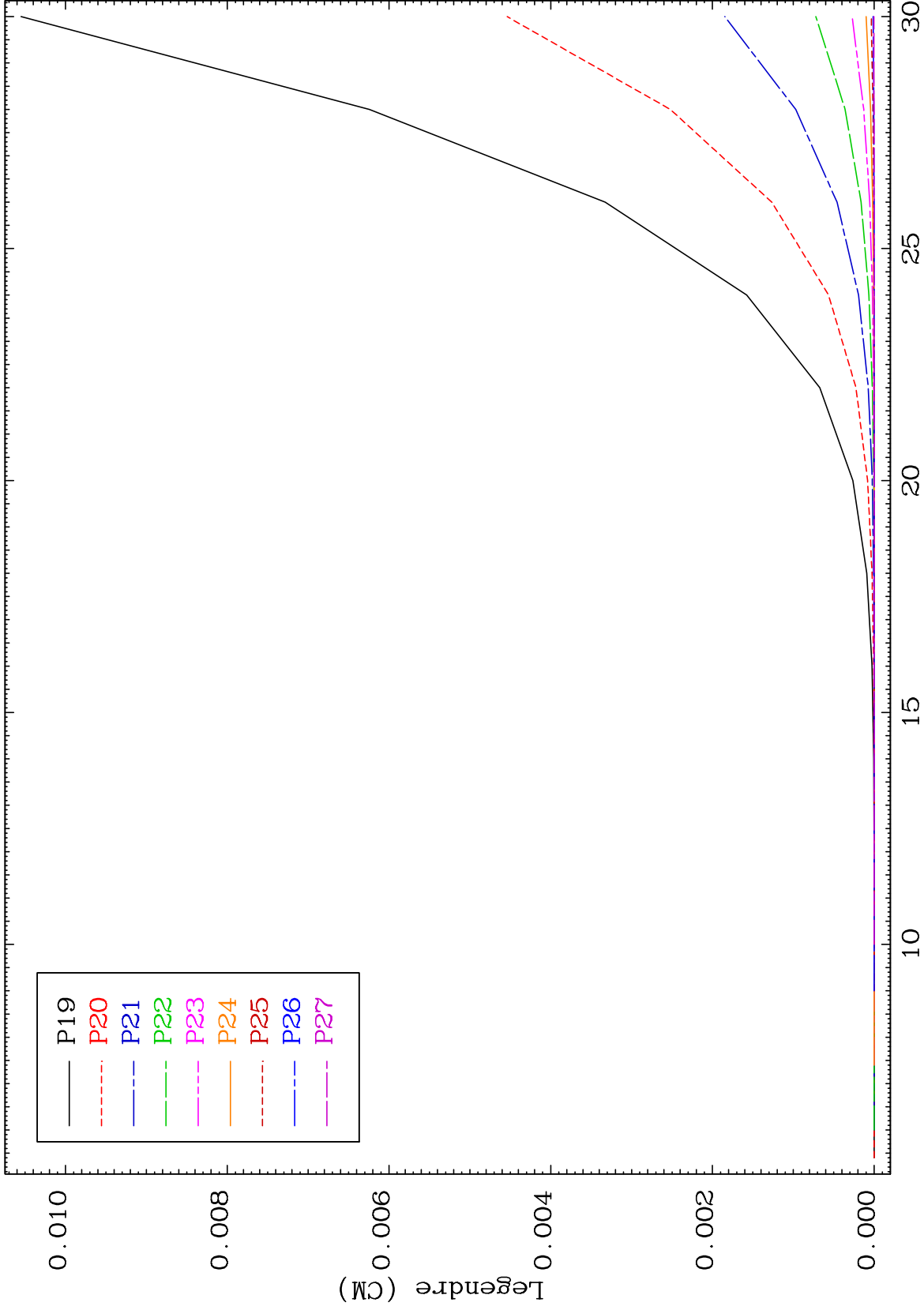
Incident Energy (MeV)

53-I -135

MAT 5349

Elastic Legendre Coefficients

53-I -135



18

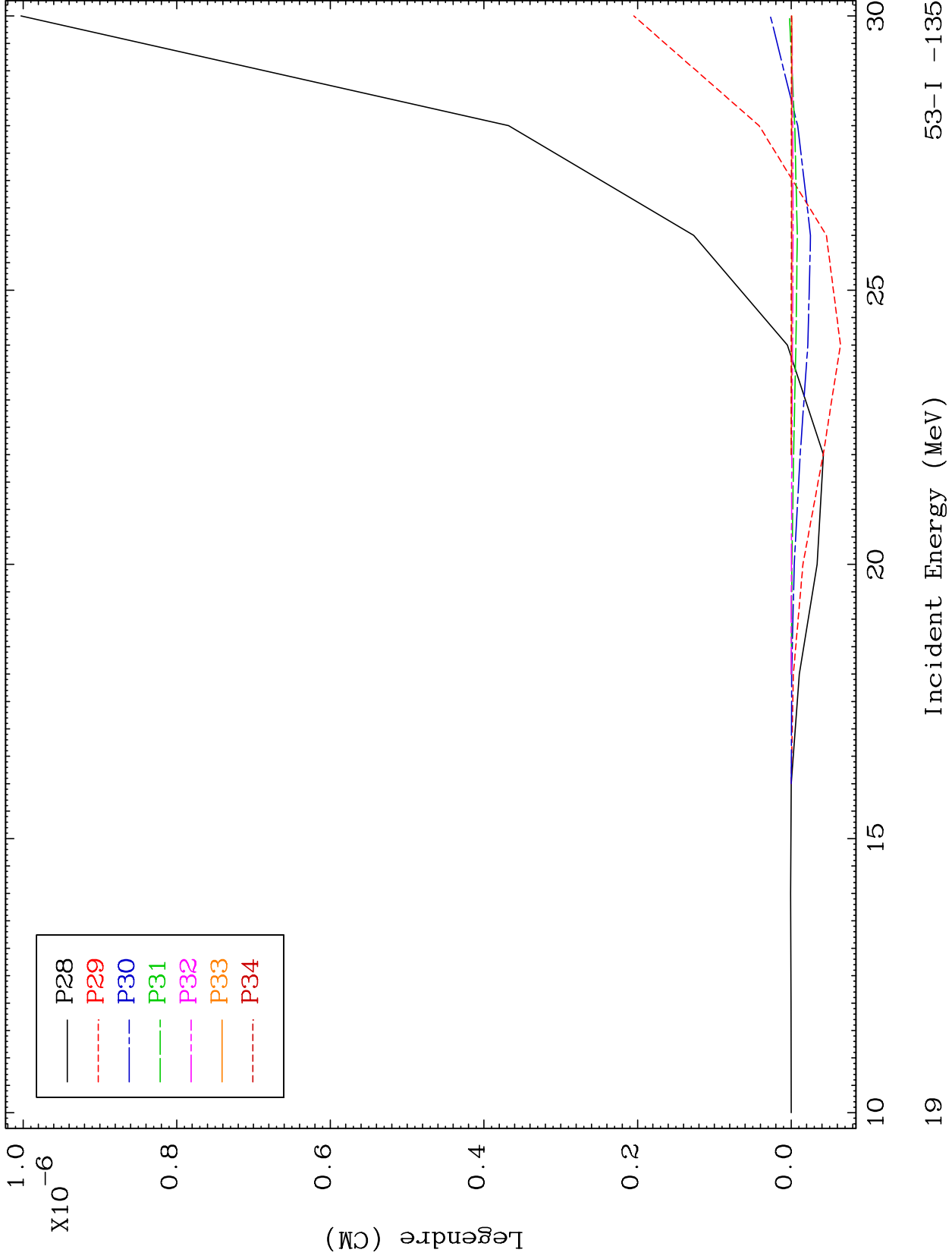
Incident Energy (MeV)

53-I -135

MAT 5349

Elastic Legendre Coefficients

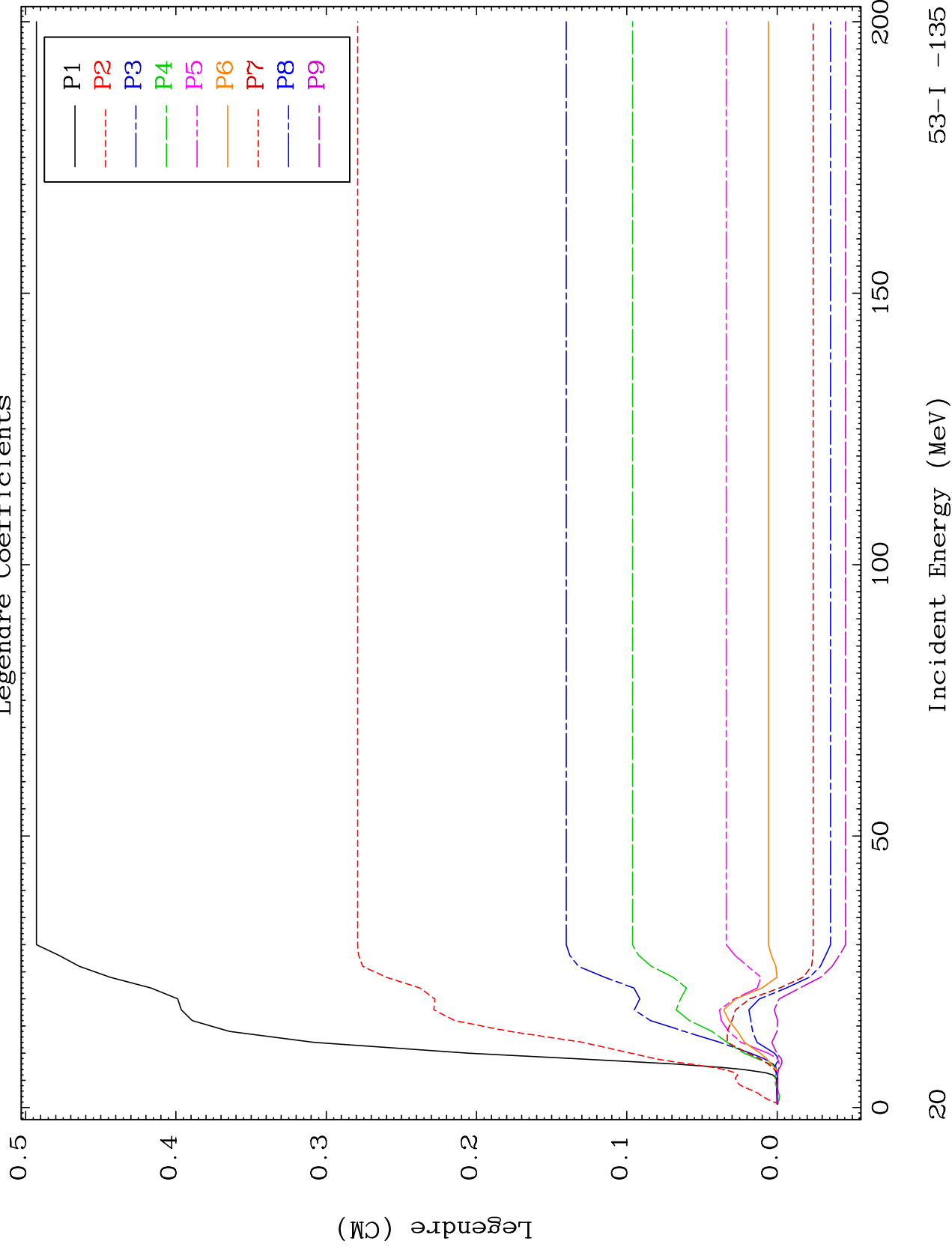
53-I -135



MAT 5349

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

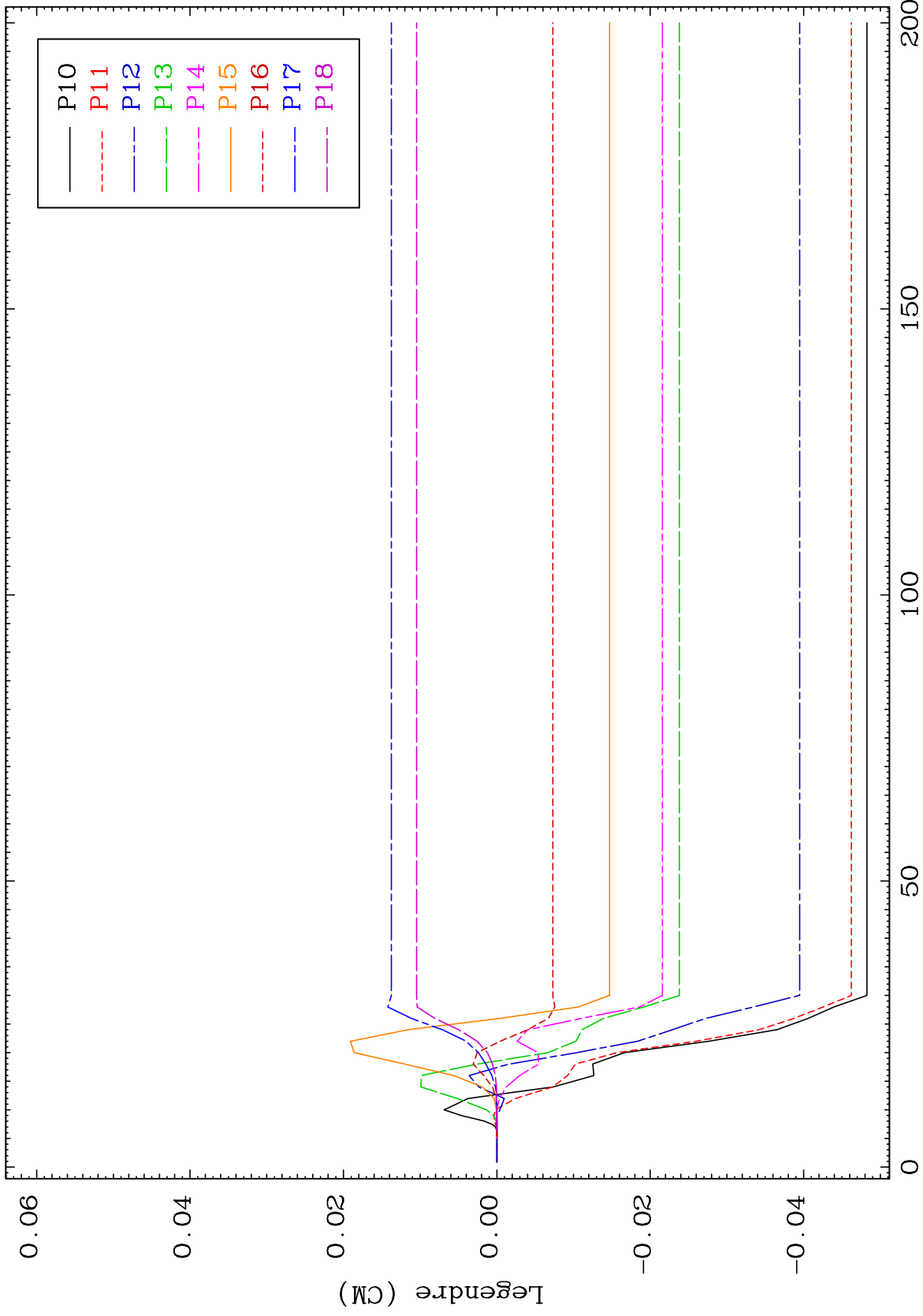
53-I -135



MAT 5349

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

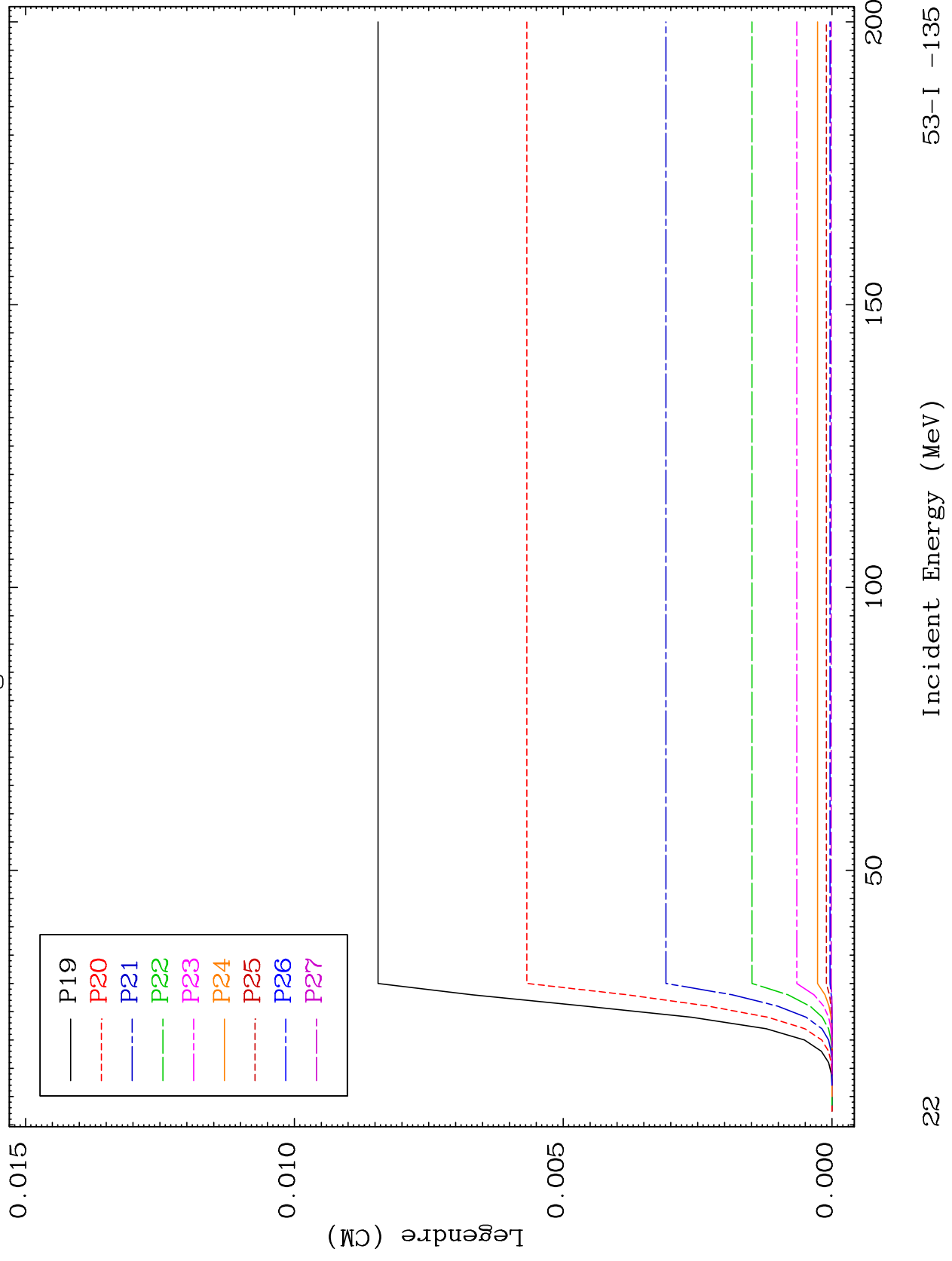
53-I -135



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Incident Energy (MeV)

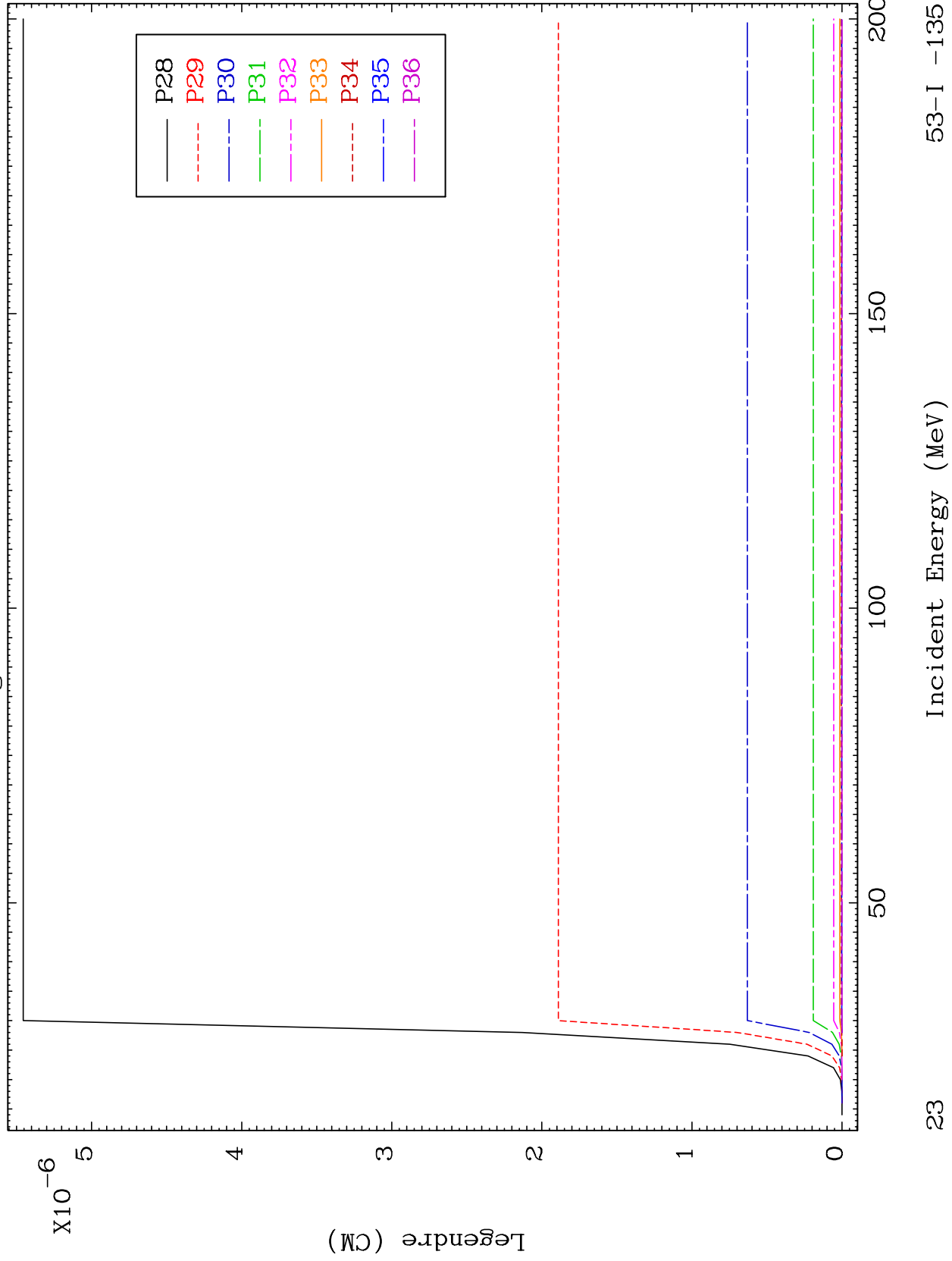
53-I -135



MAT 5349

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

53-I -135



23

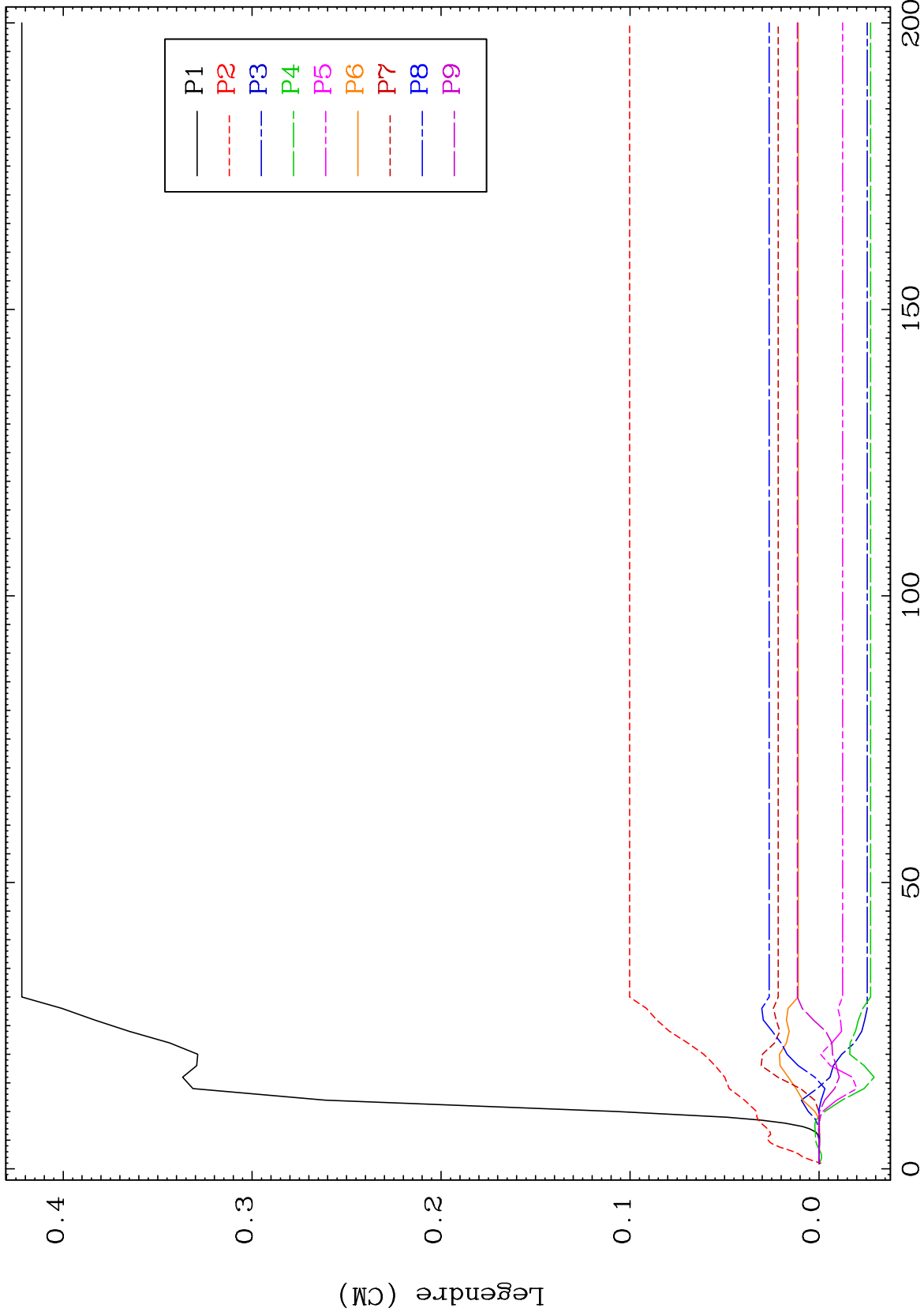
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



24

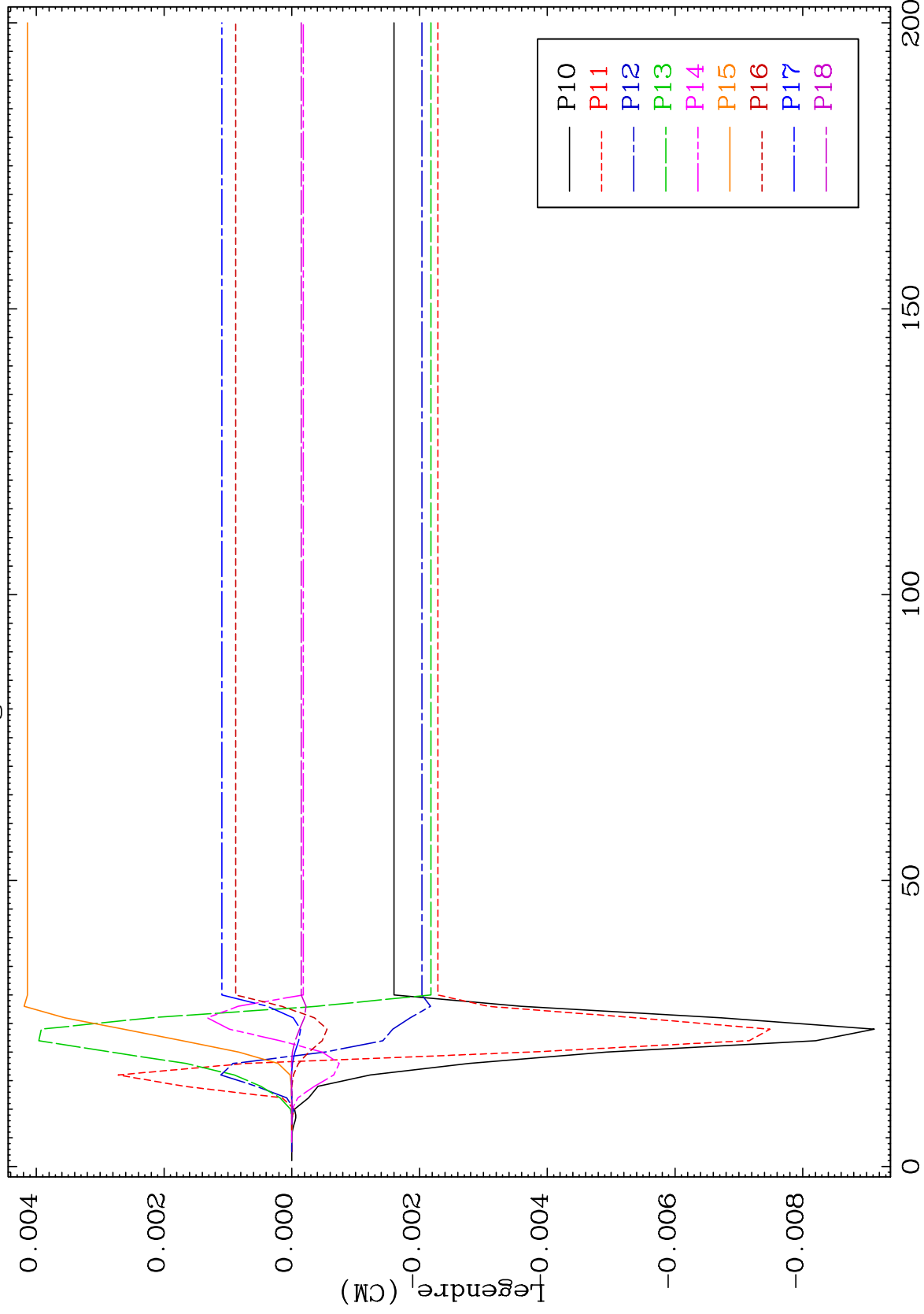
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



25

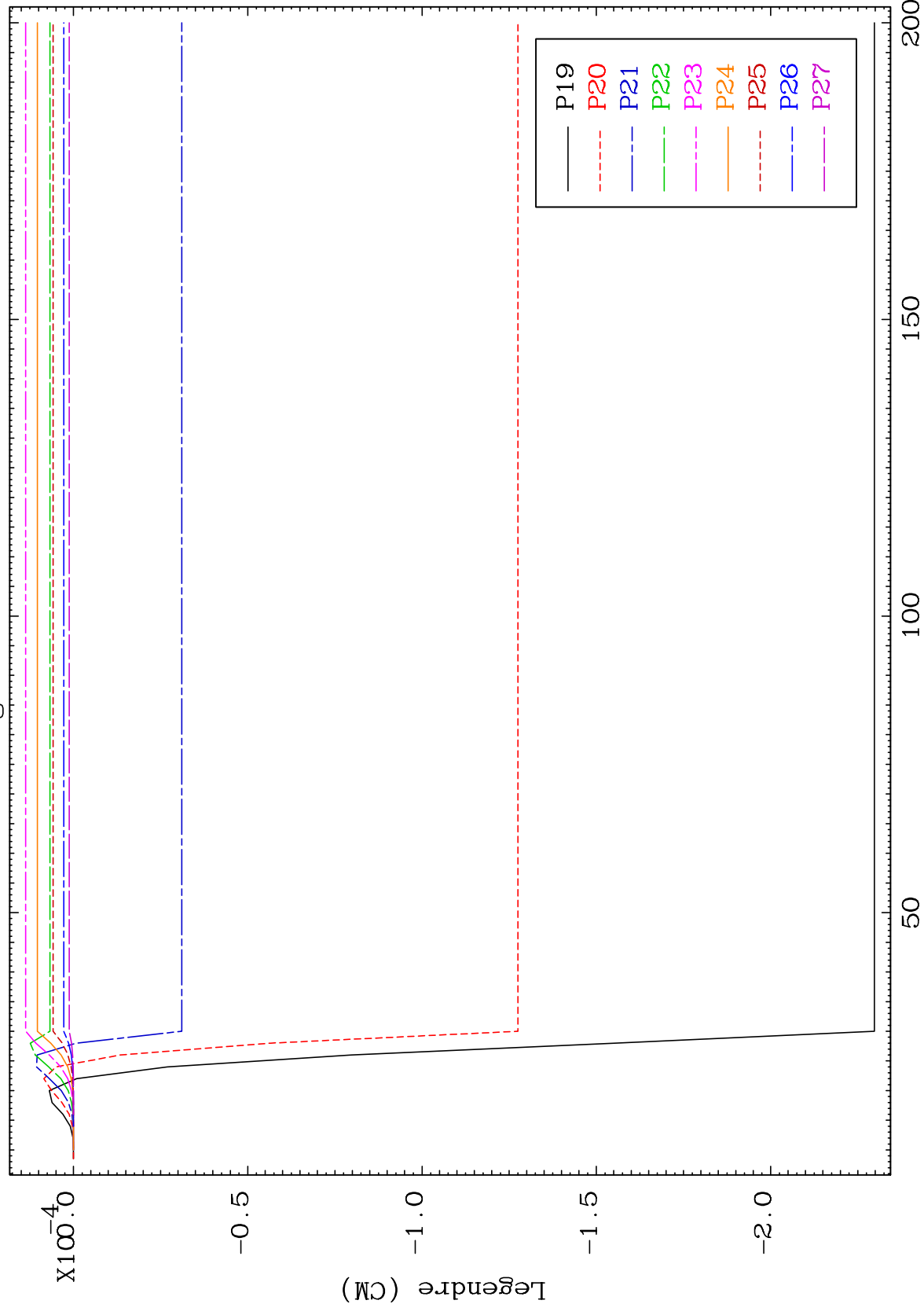
Incident Energy (MeV)

53-I -135

MAT 5349

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

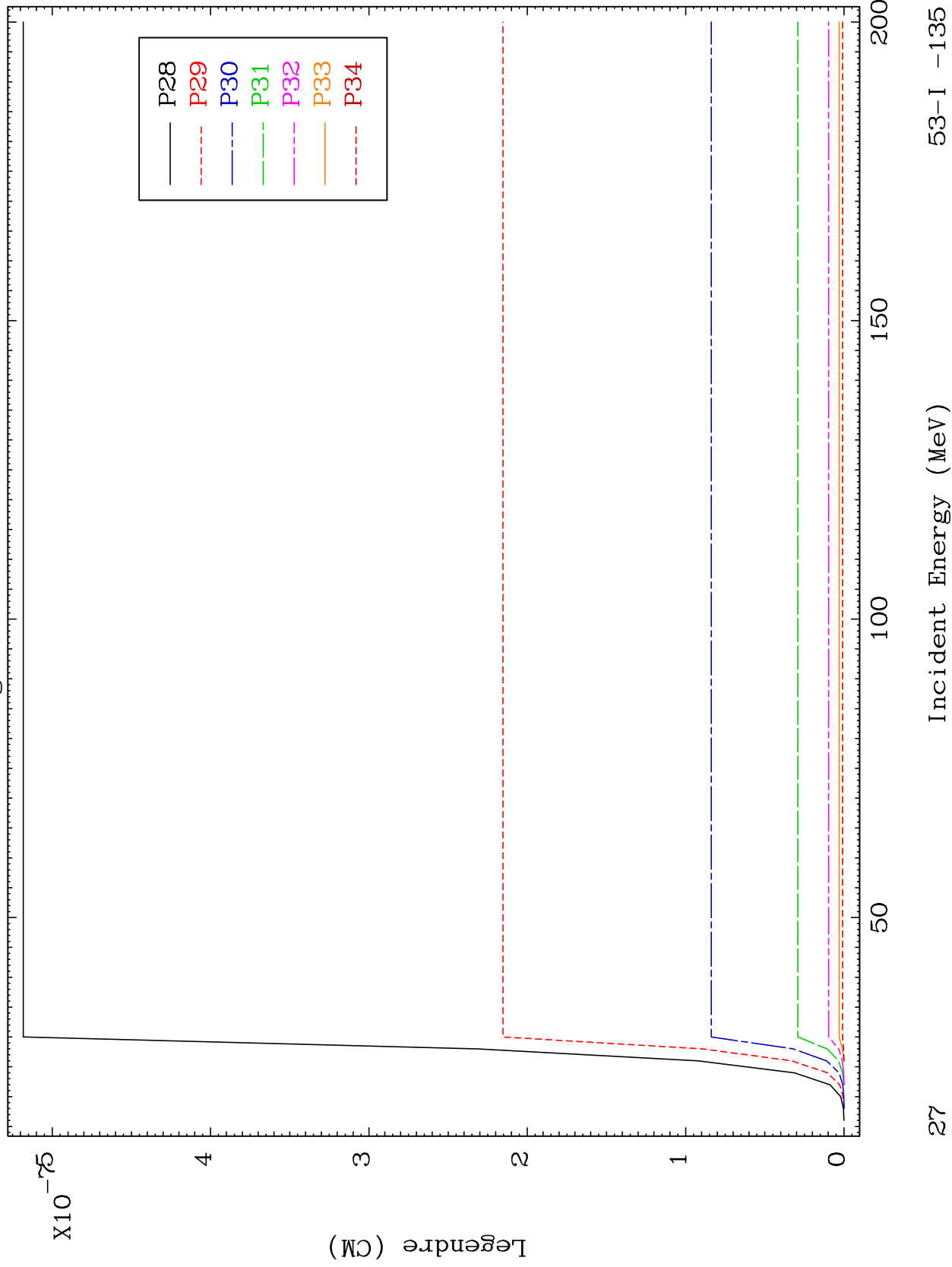
53-I -135



MAT 5349

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

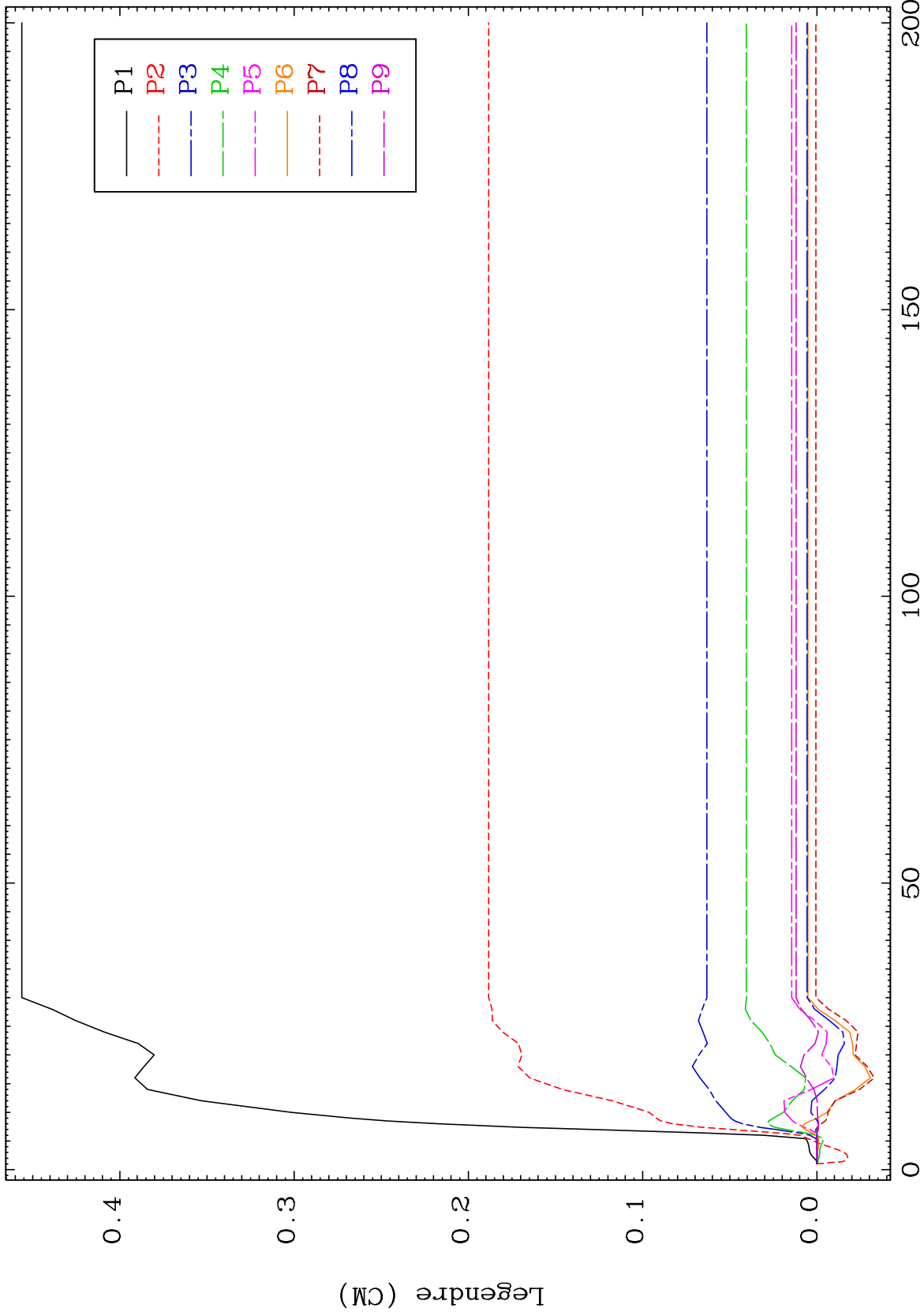
53-I -135



MAT 5349

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

53-I -135



28

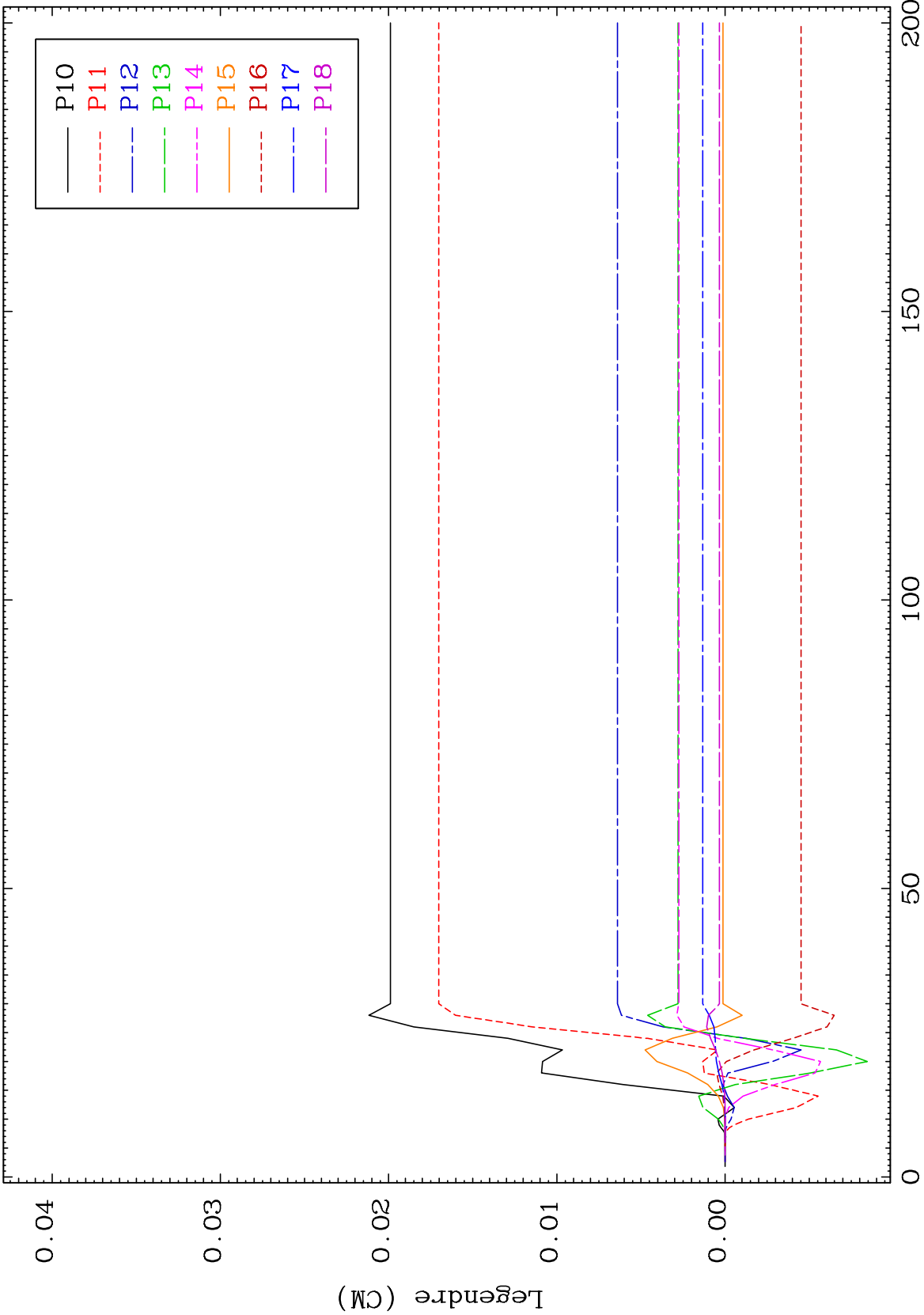
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



29

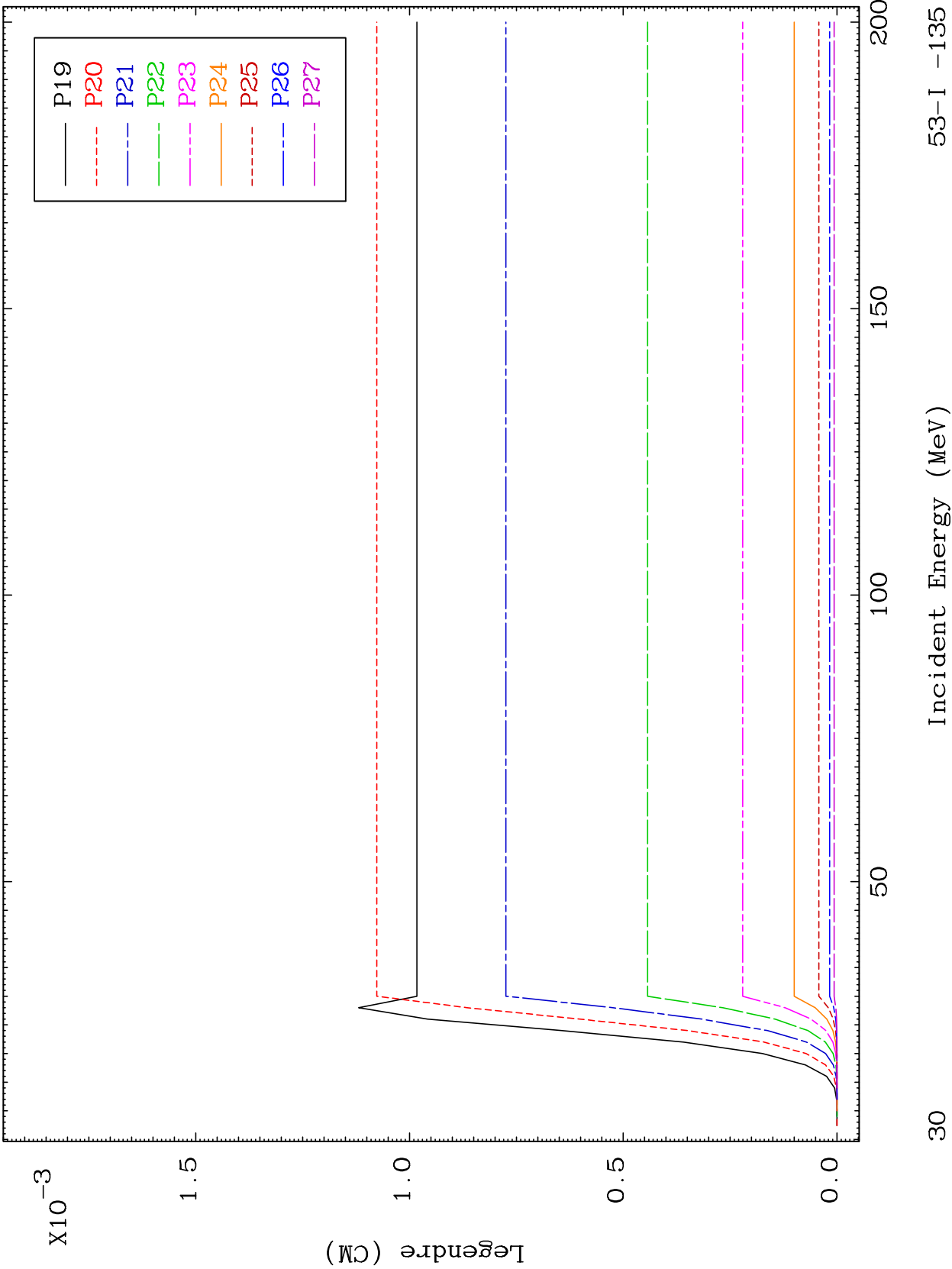
Incident Energy (MeV)

53-I -135

MAT 5349

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

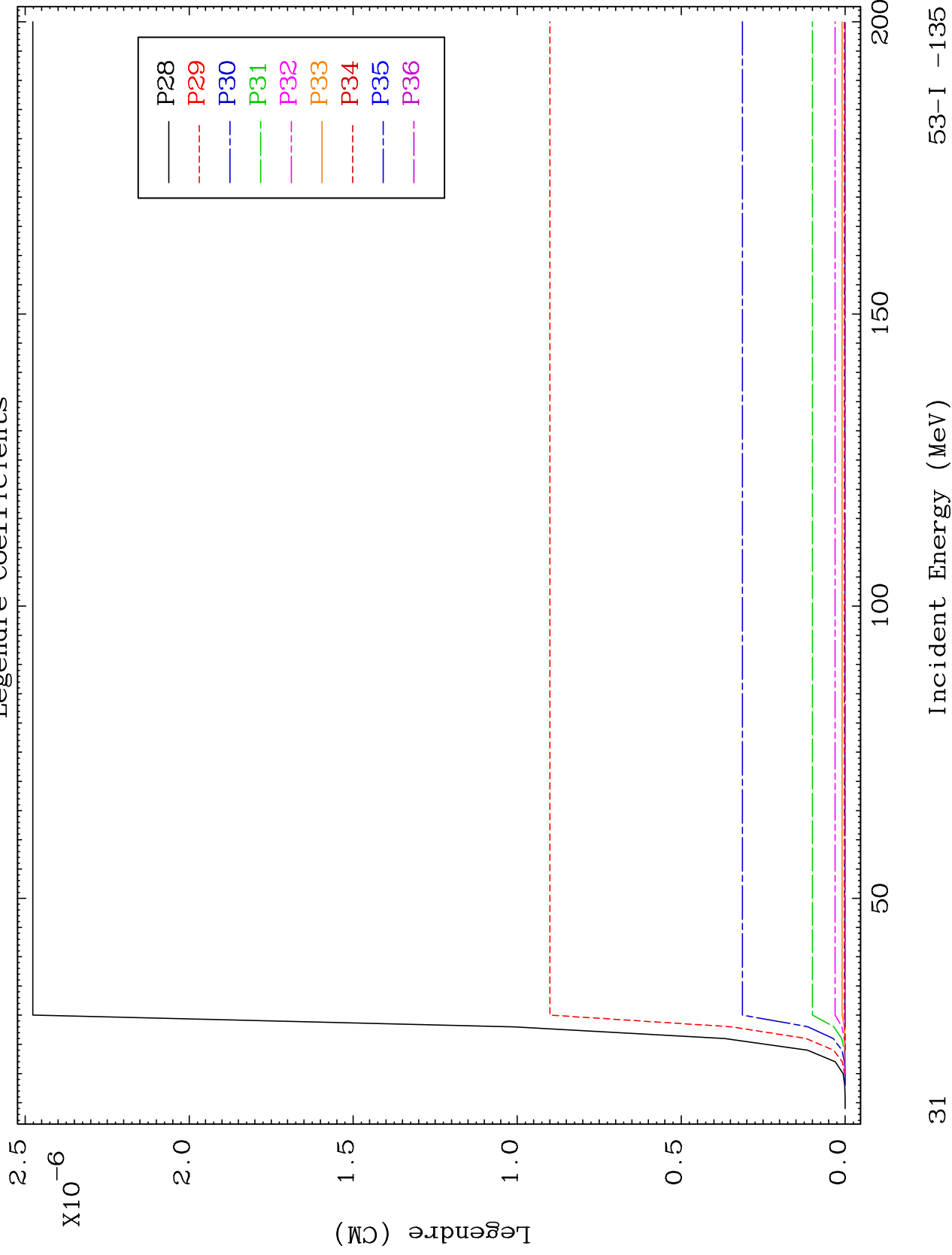
53-I -135



53-I -135

Incident Energy (MeV)

30

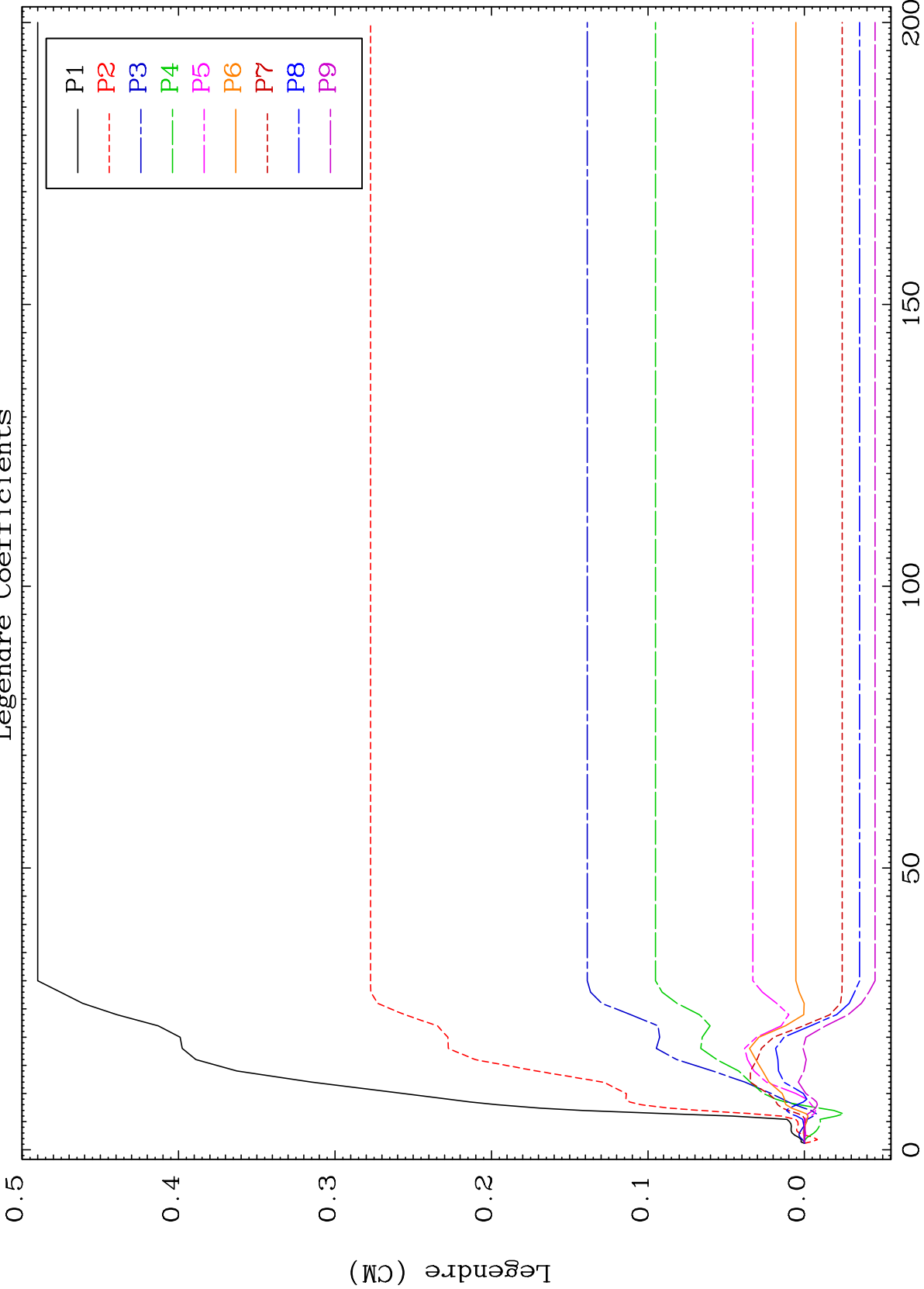


MAT 5349

MT= 54 (n,n') Level

53-I -135

Legendre Coefficients



32

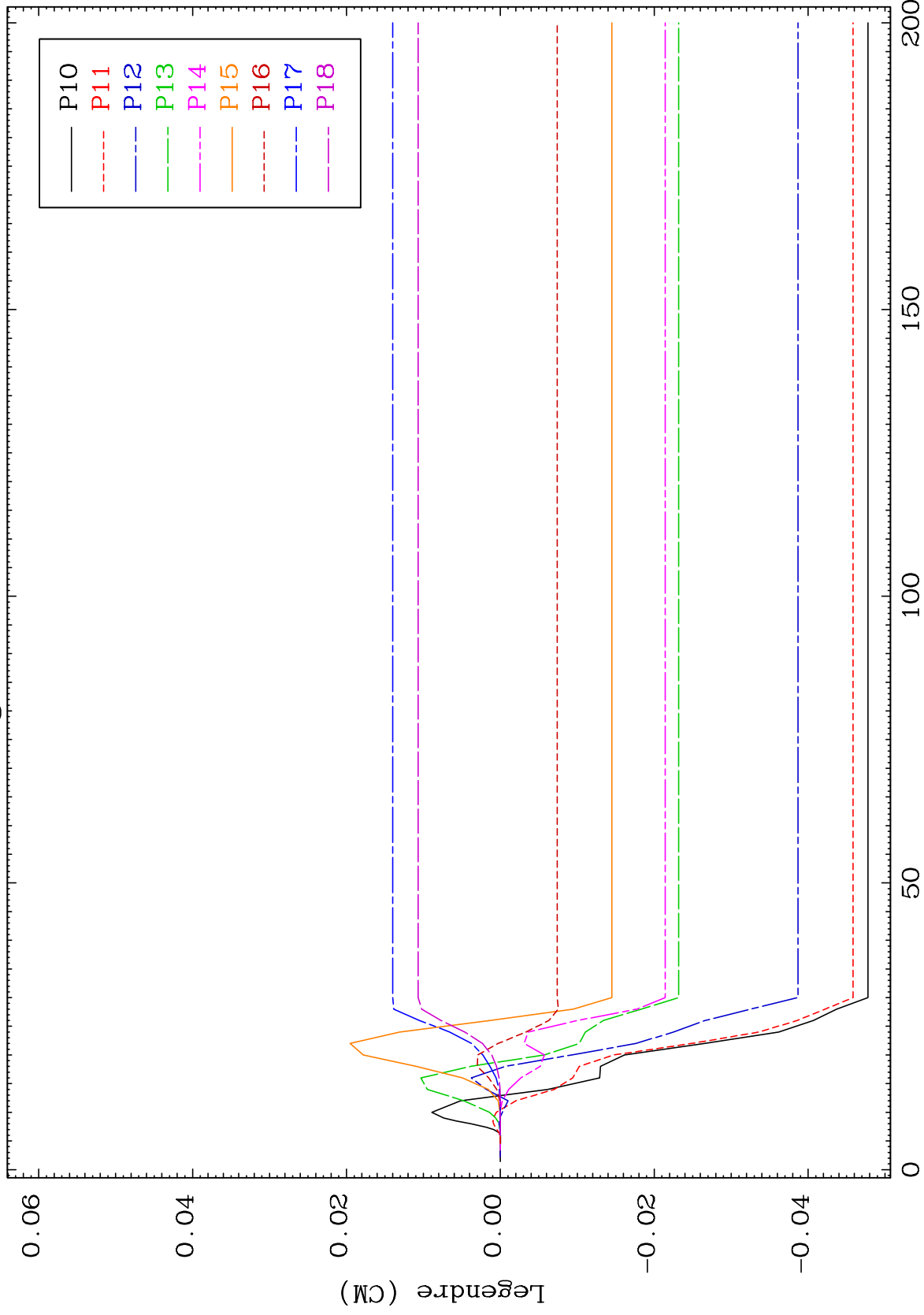
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



33

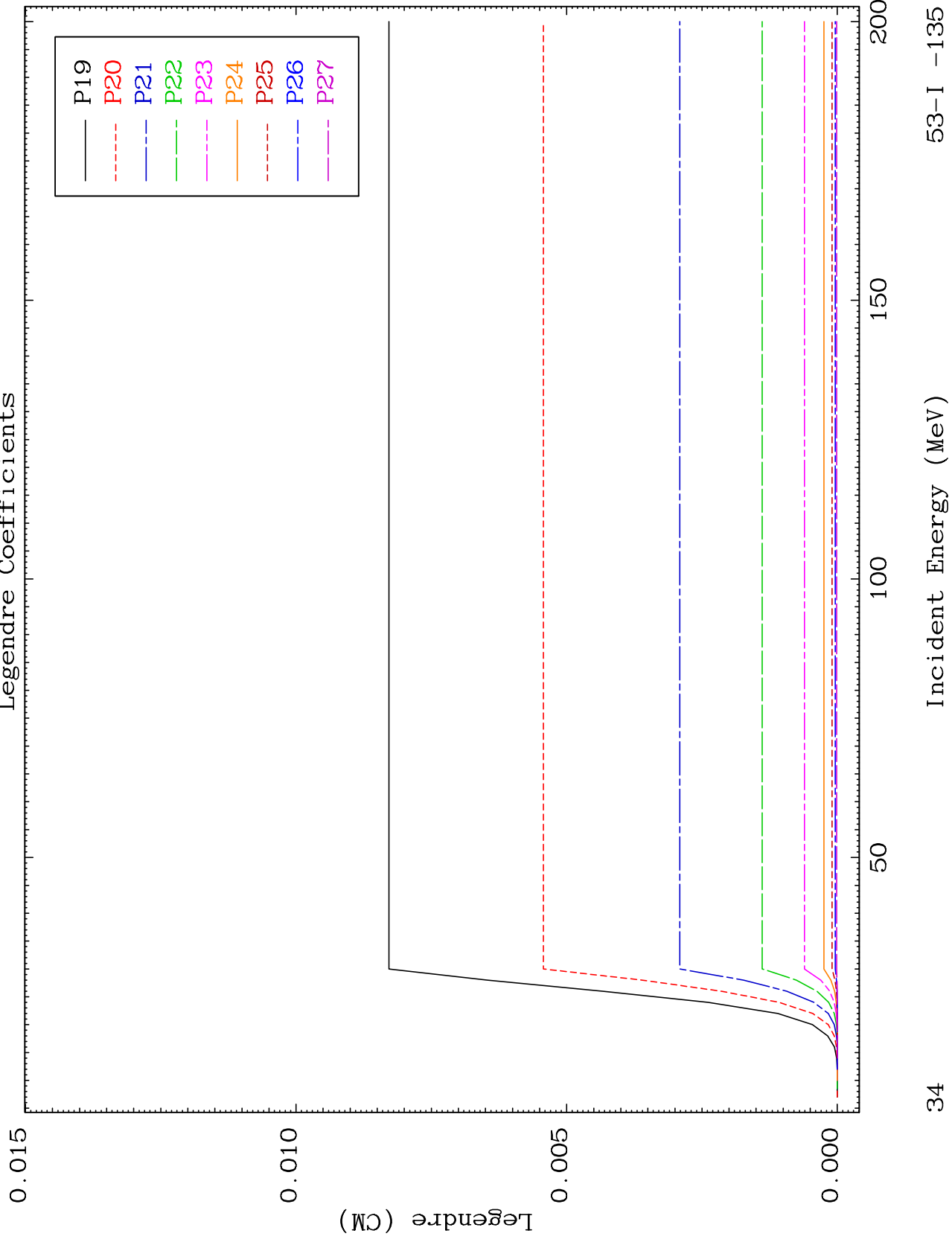
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



34

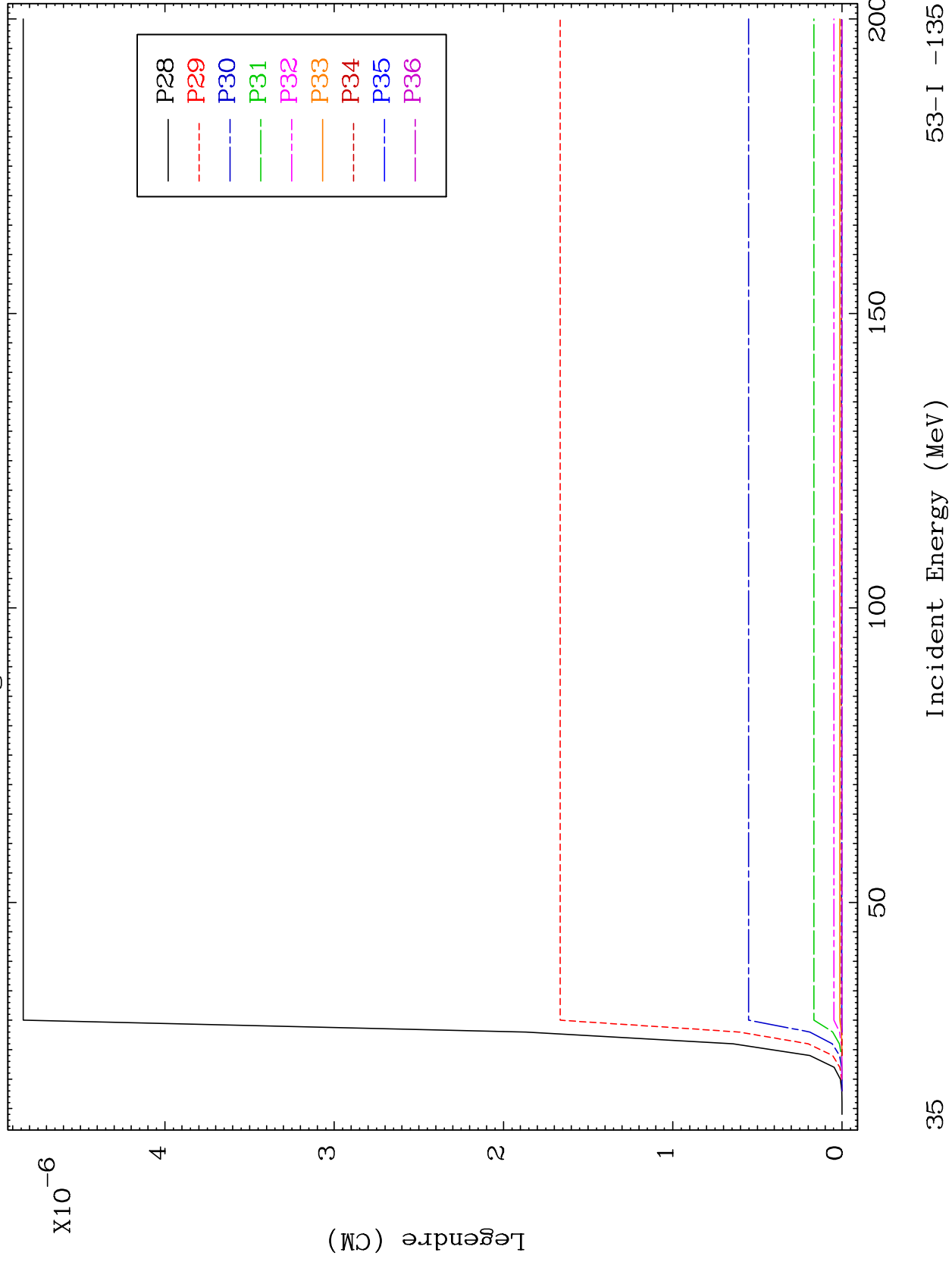
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



35

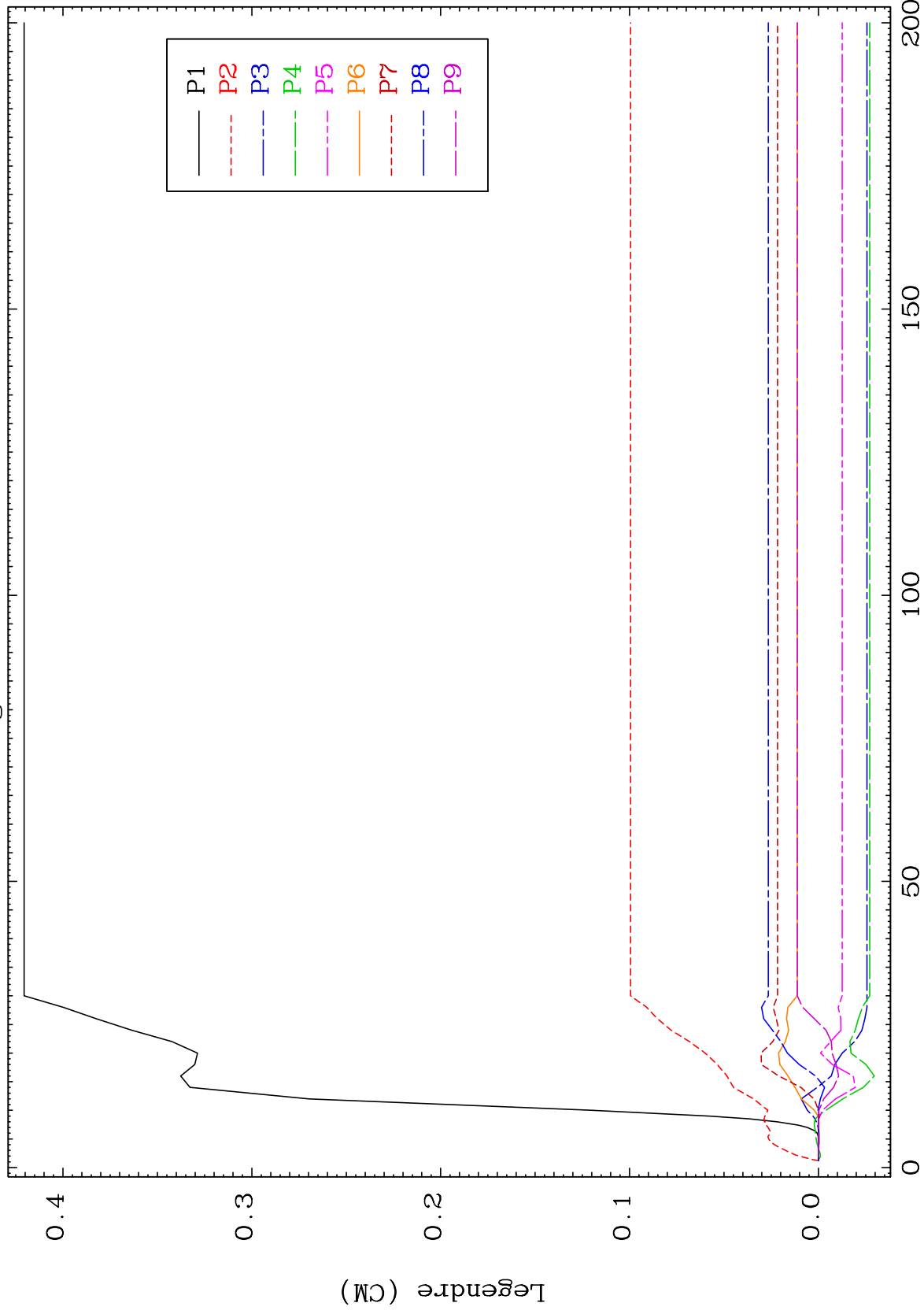
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



36

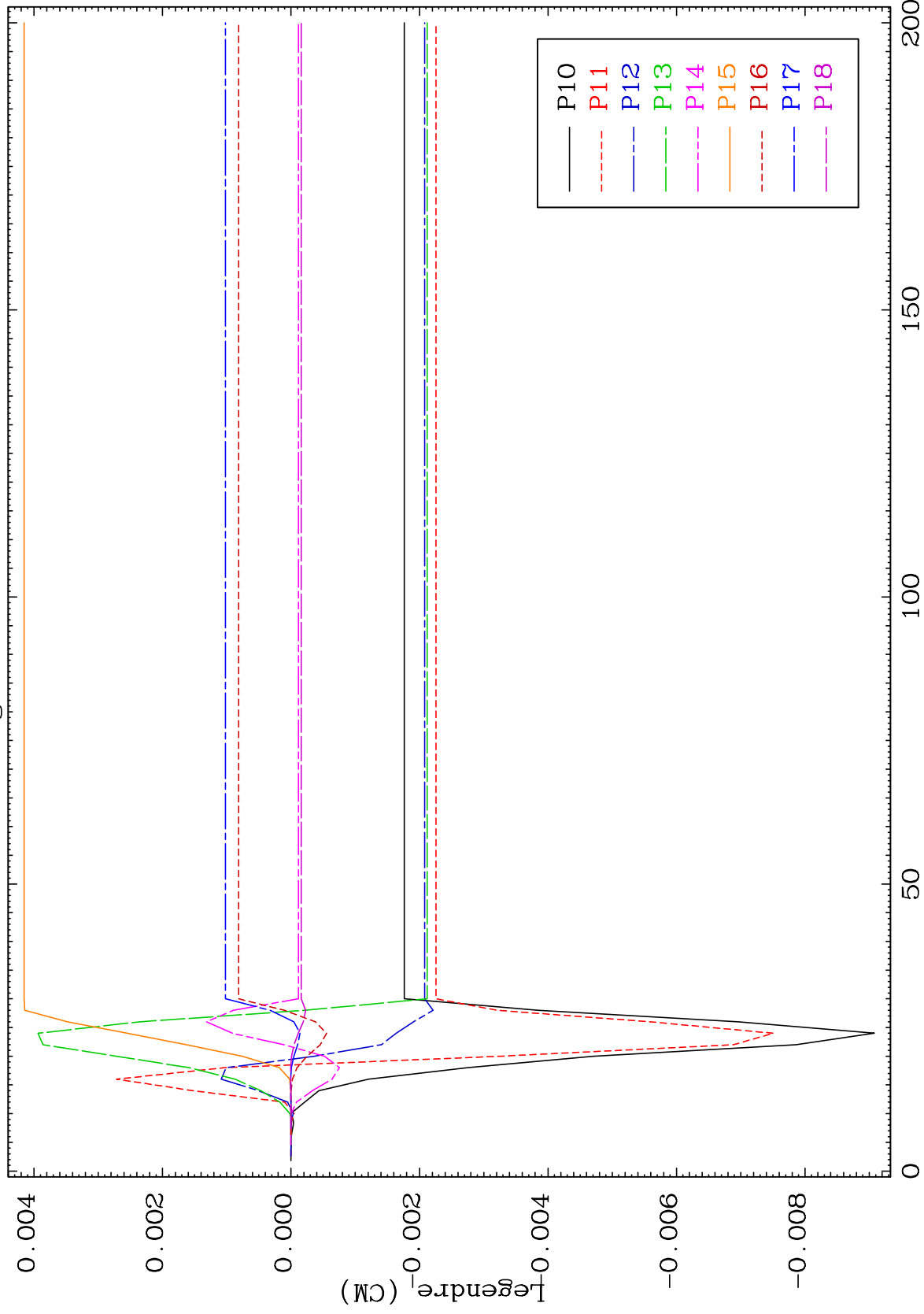
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



37

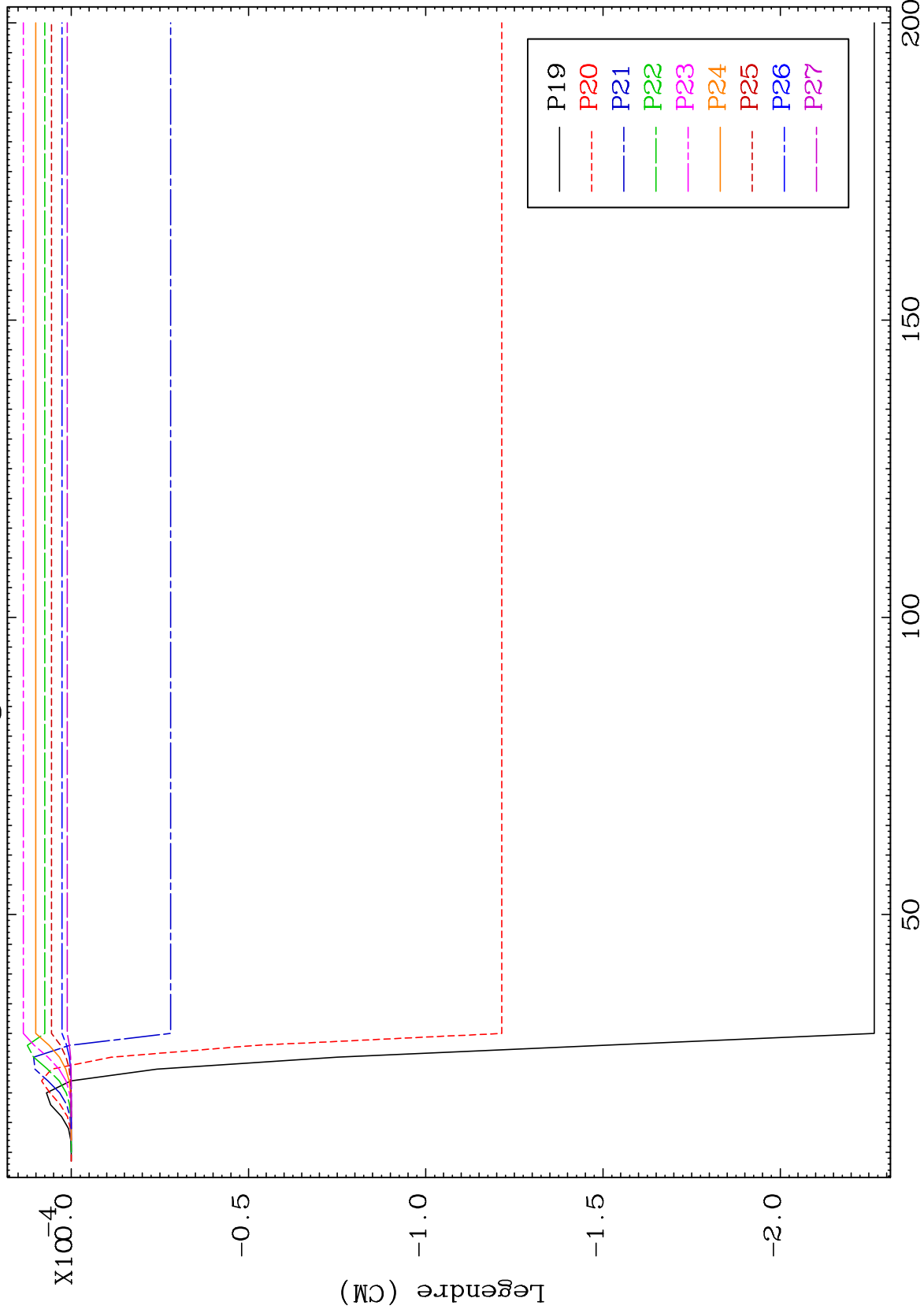
Incident Energy (MeV)

53-I -135

MAT 5349

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

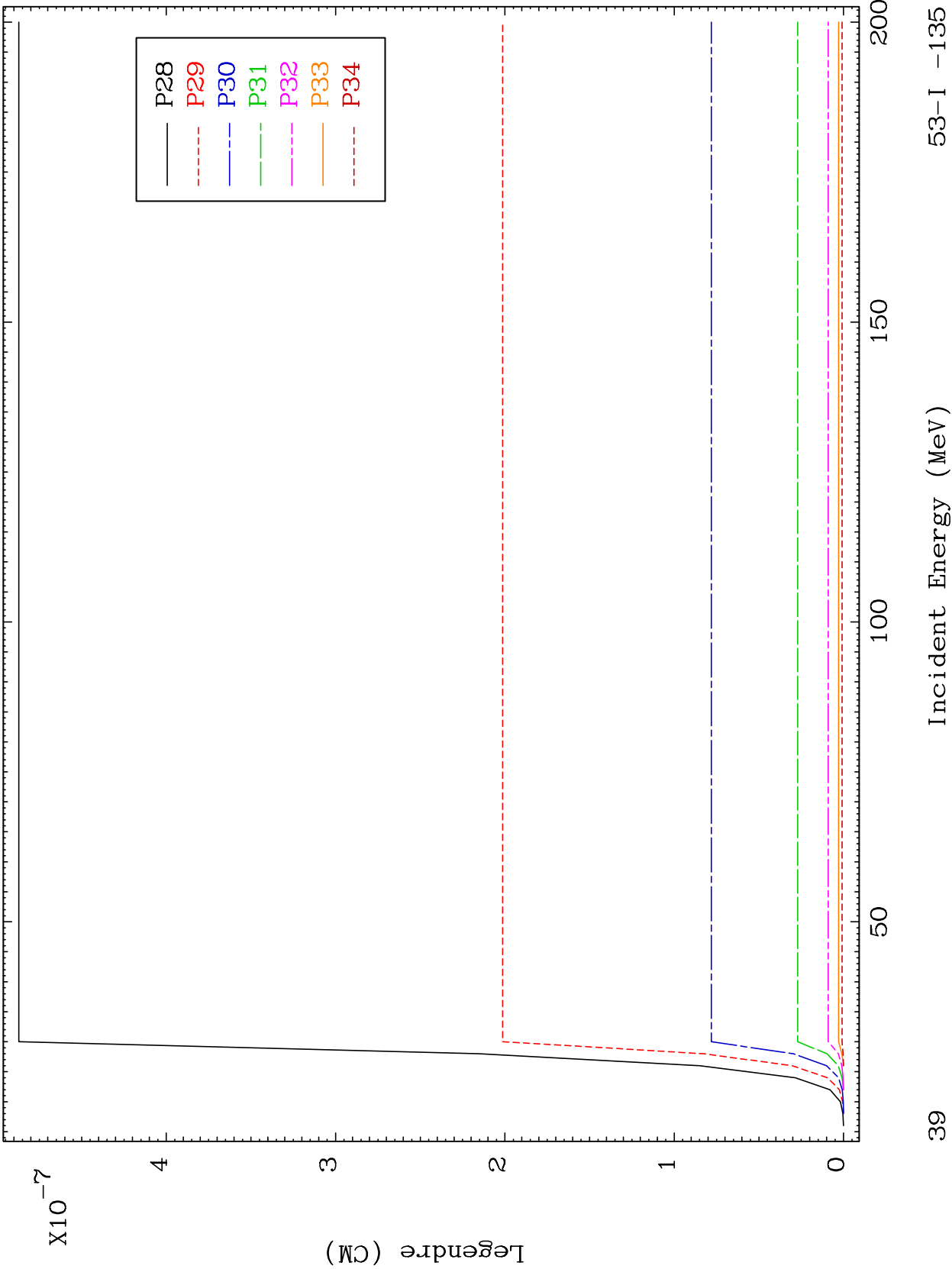
53-I -135



MAT 5349

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

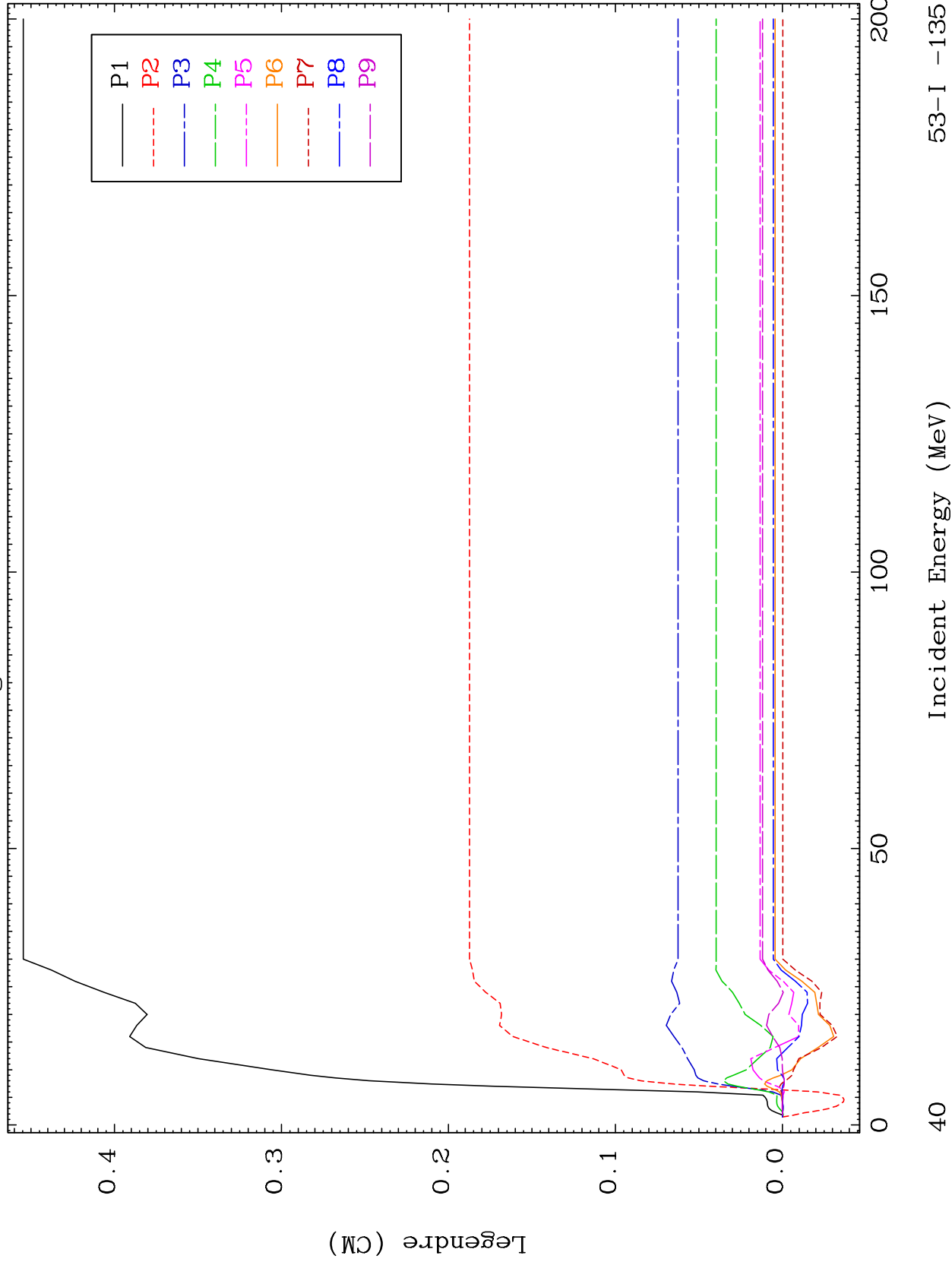
53-I -135



MAT 5349

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

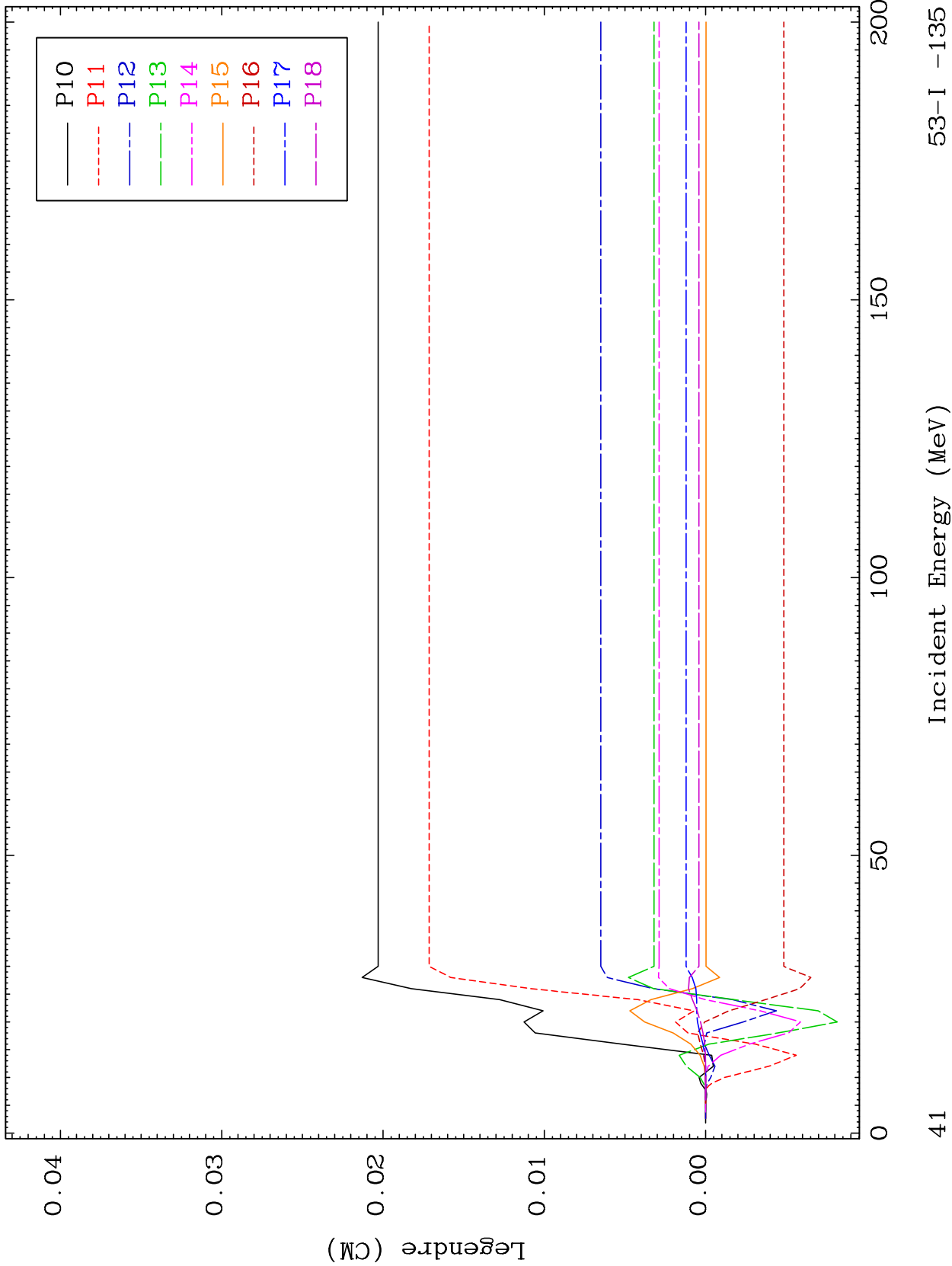
53-I -135



MAT 5349

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

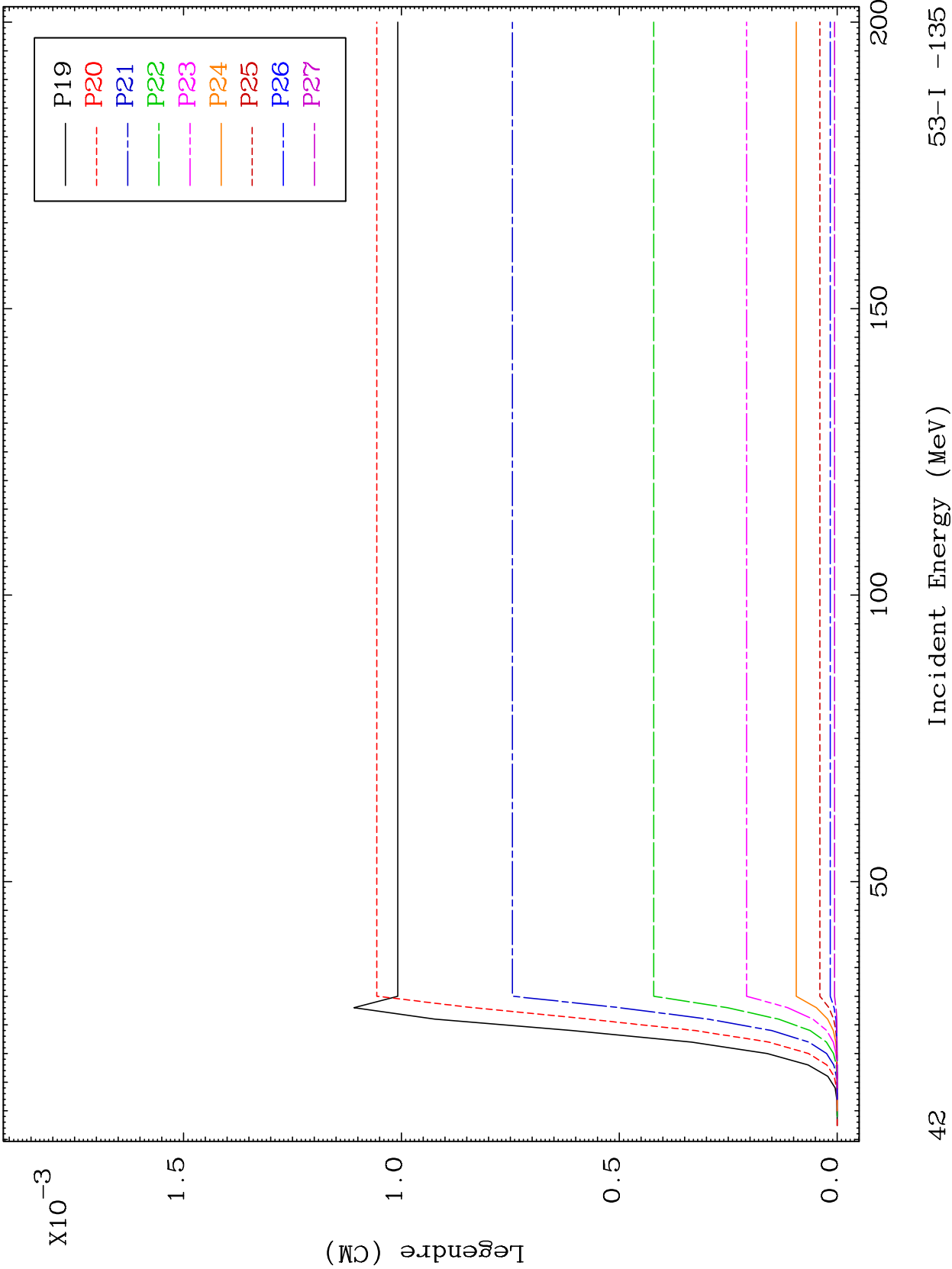
53-I -135



41

Incident Energy (MeV)

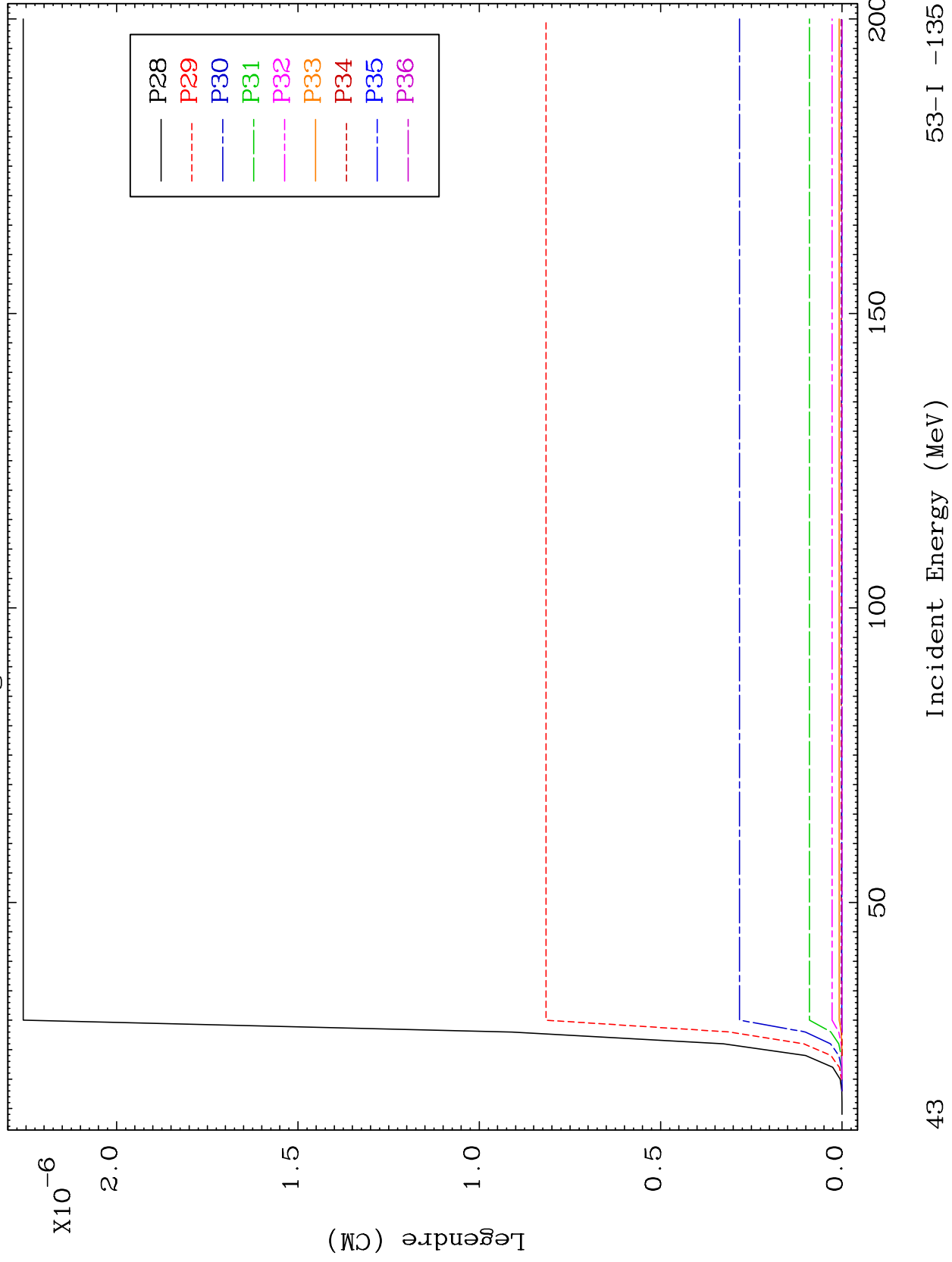
53-I -135



MAT 5349

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

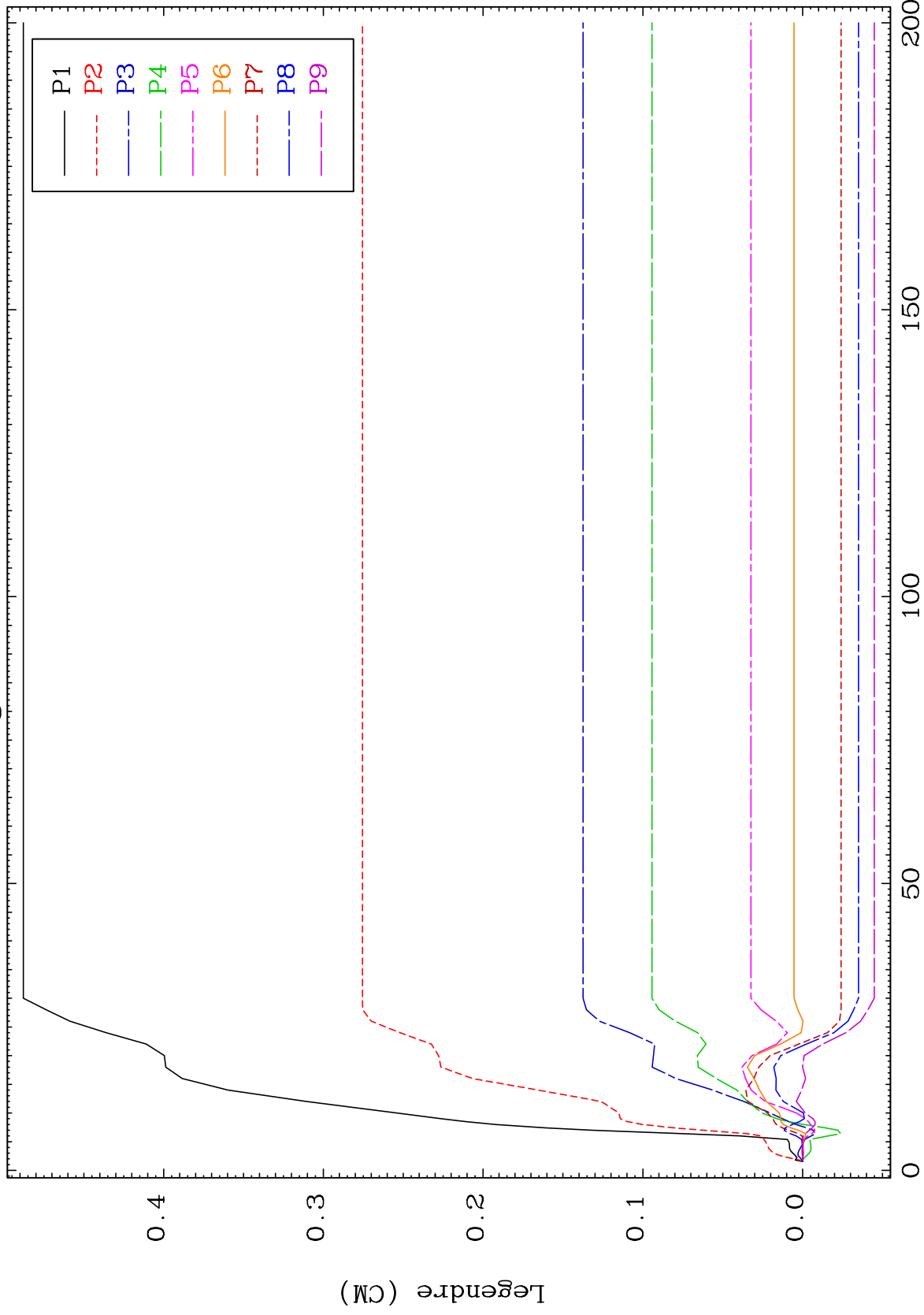
53-I -135



MAT 5349

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

53-I -135



44

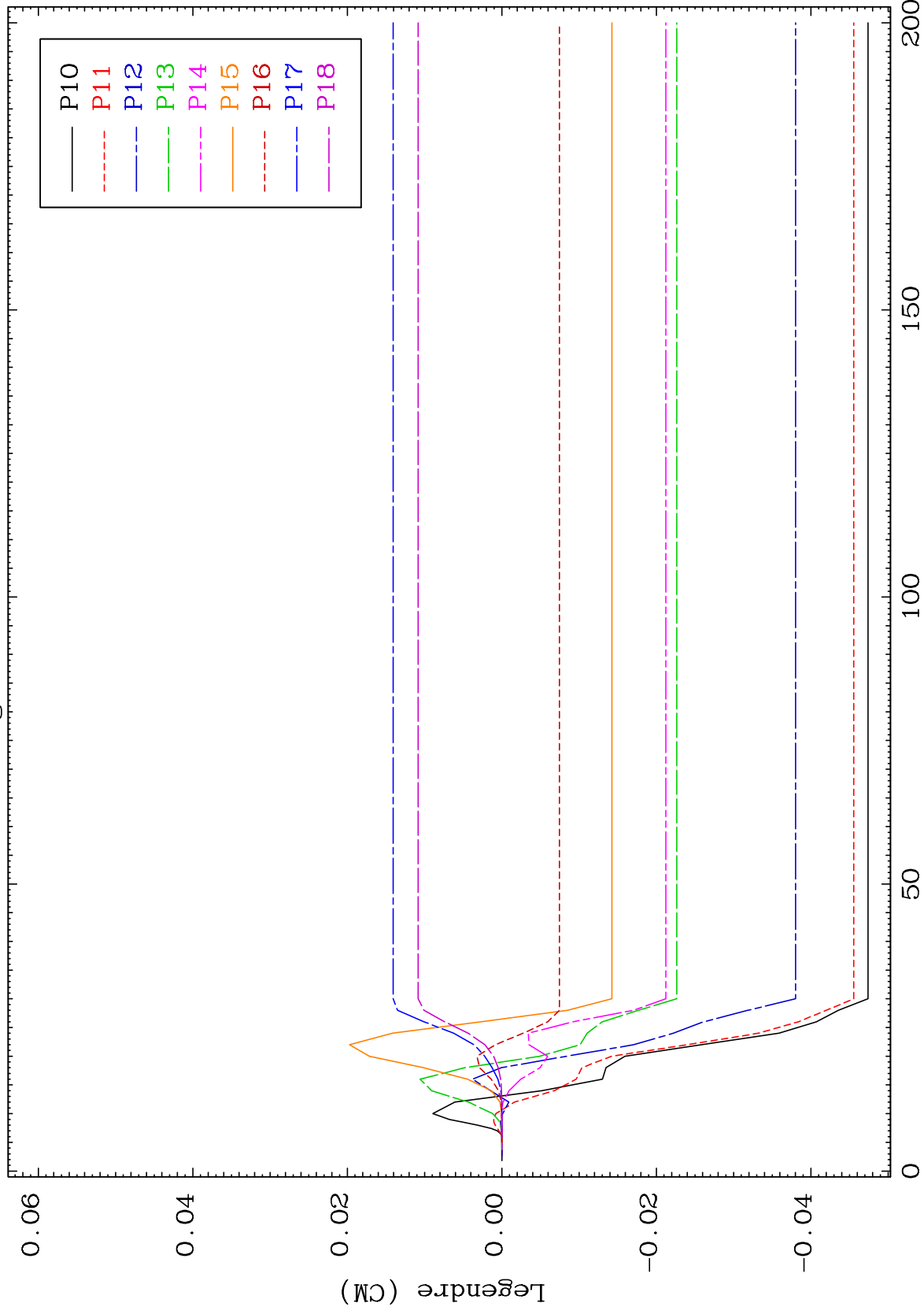
Incident Energy (MeV)

53-I -135

MAT 5349

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

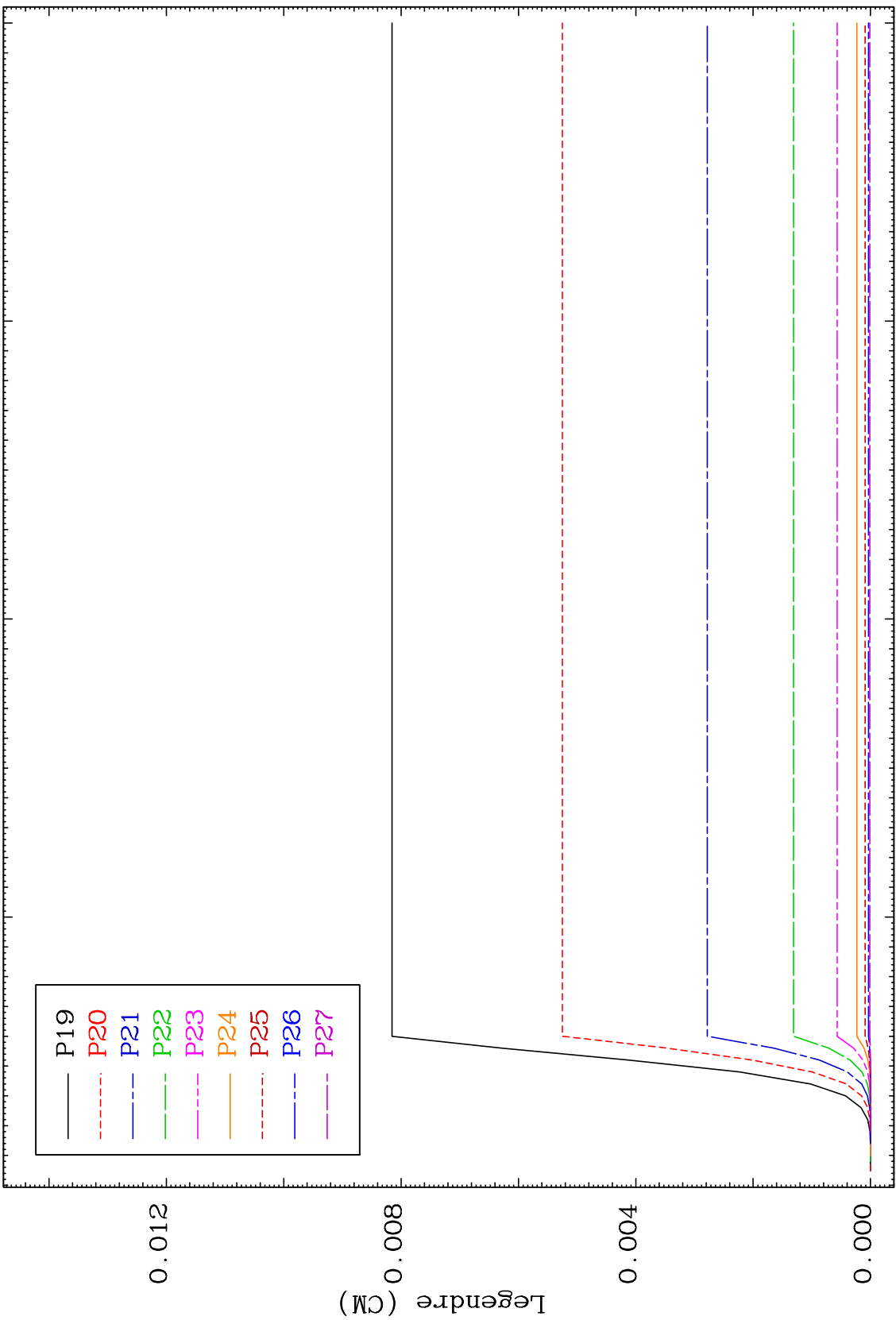
53-I -135



45

Incident Energy (MeV)

53-I -135

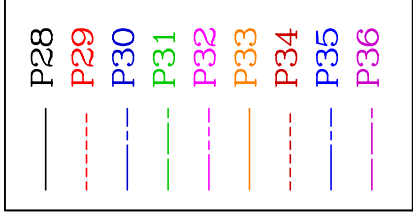


MAT 5349

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

53-I -135

$\times 10^{-6}$

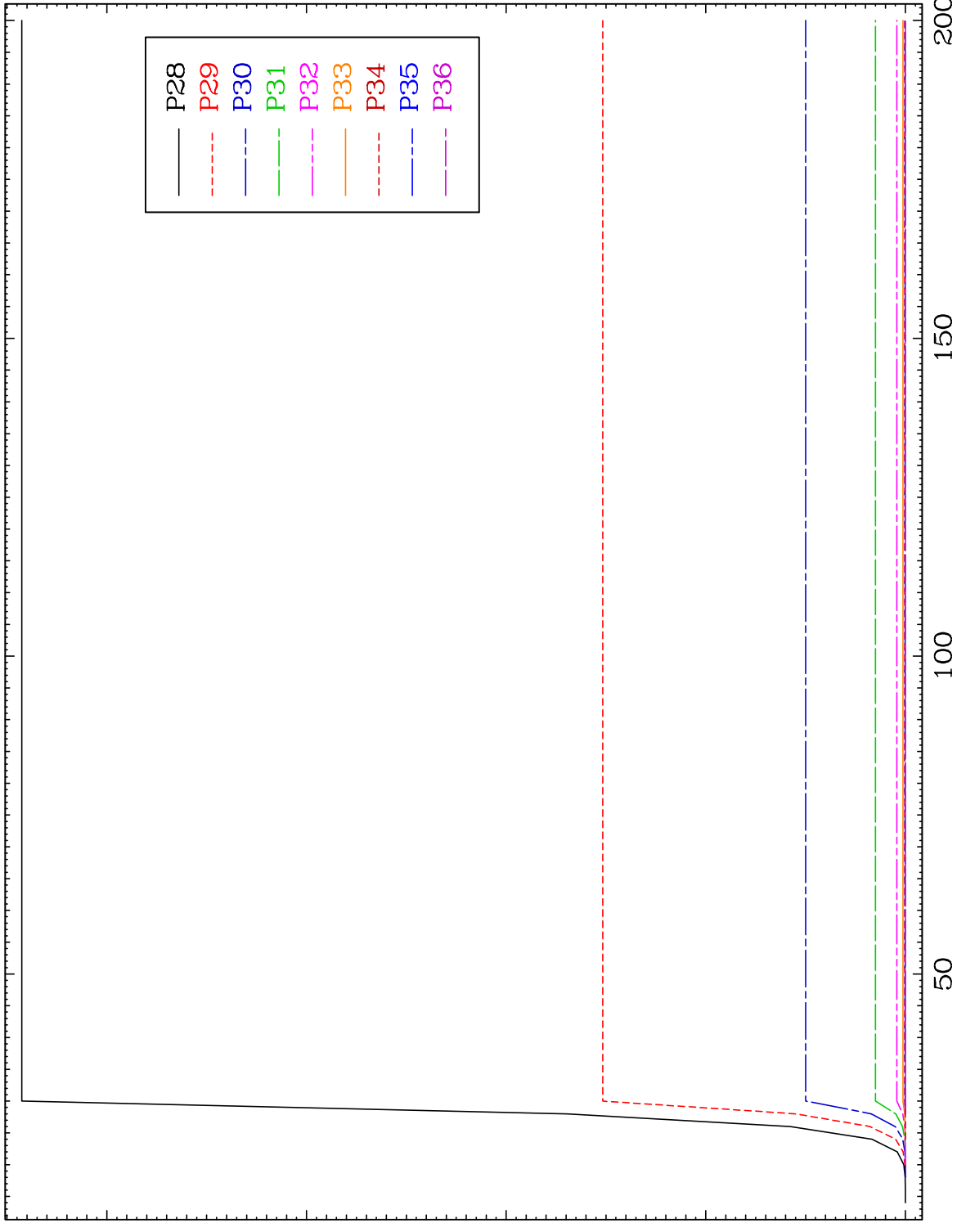


Legendre (CM)

47

Incident Energy (MeV)

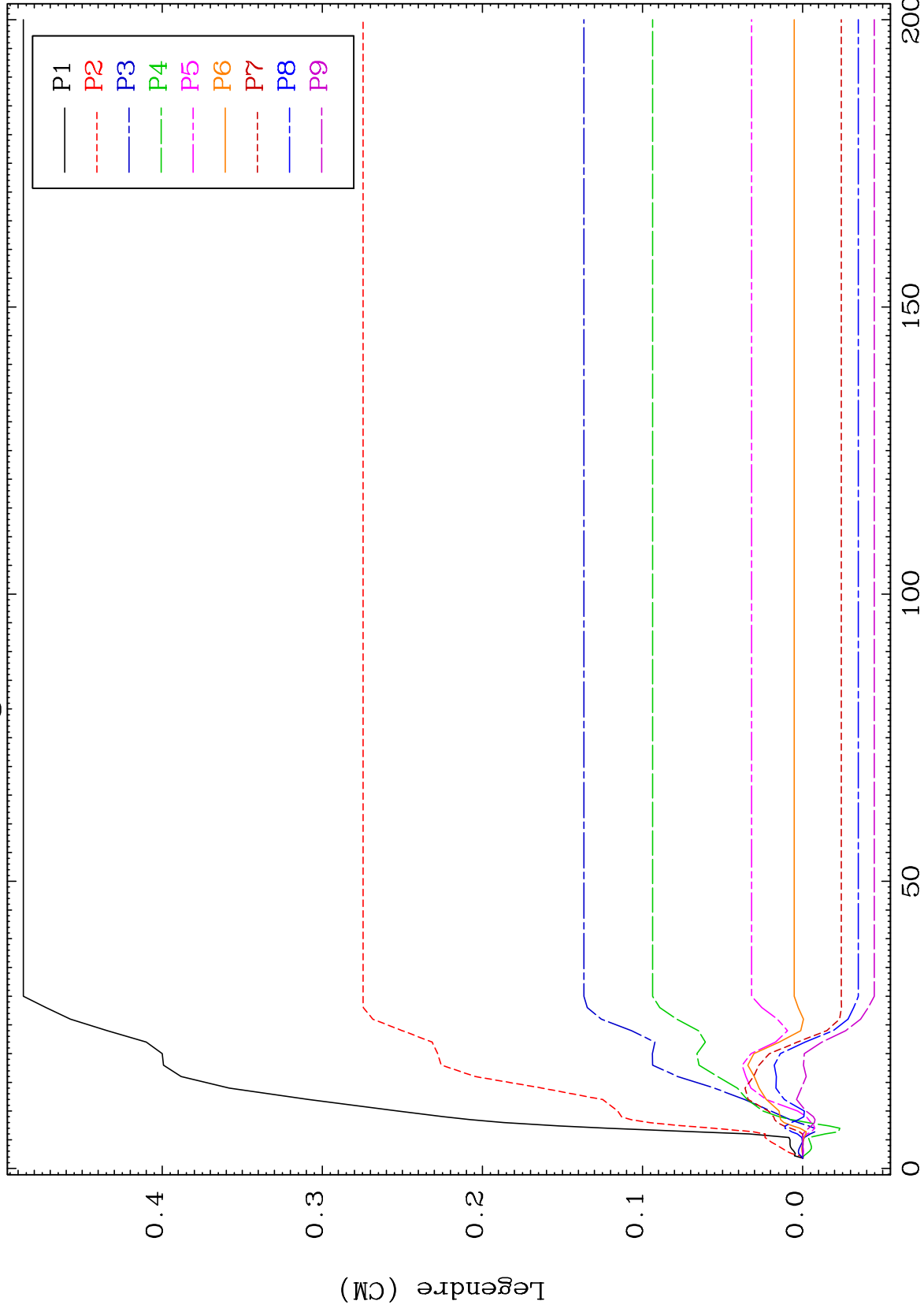
53-I -135



MAT 5349

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

53-I -135



48

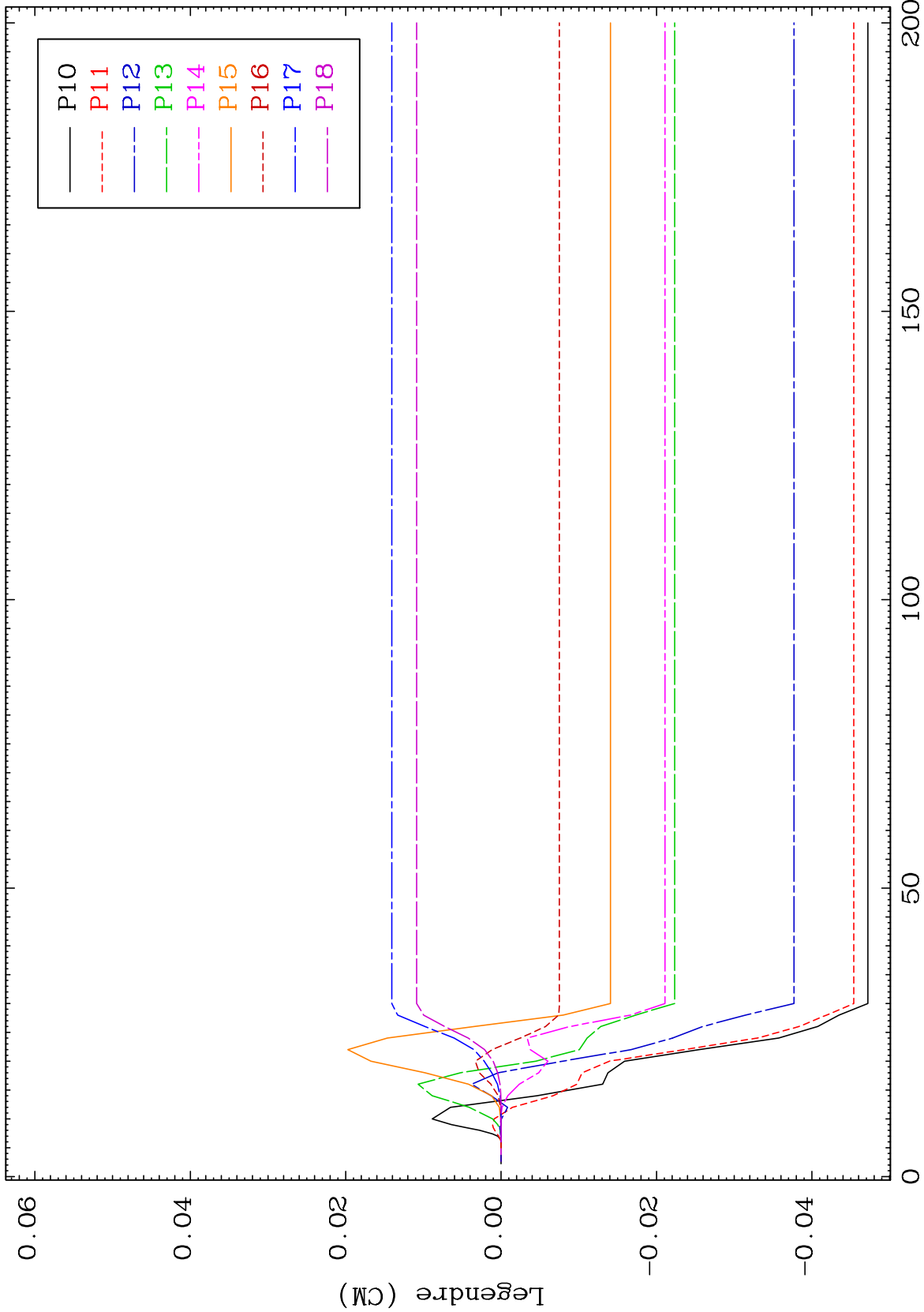
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



49

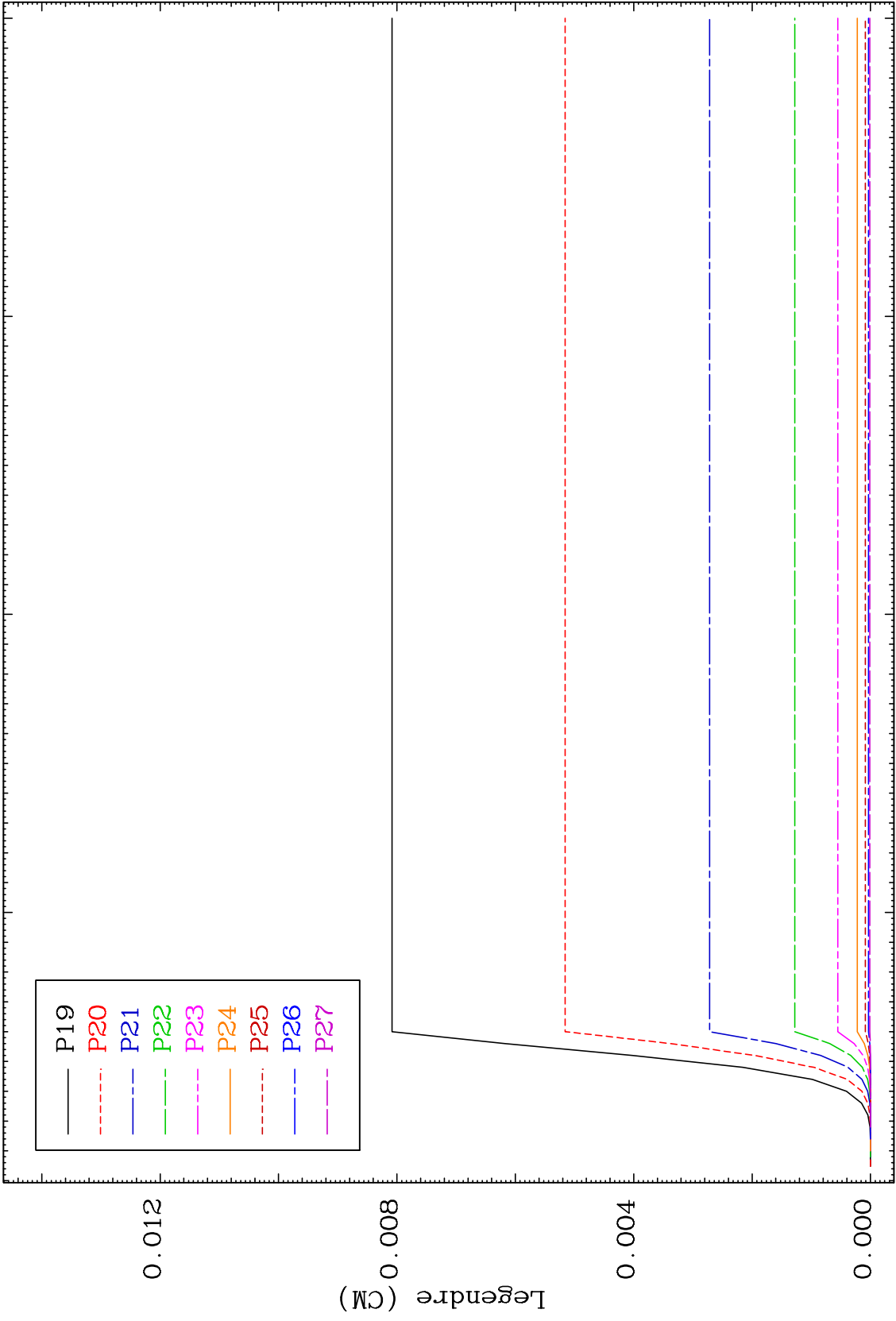
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



50

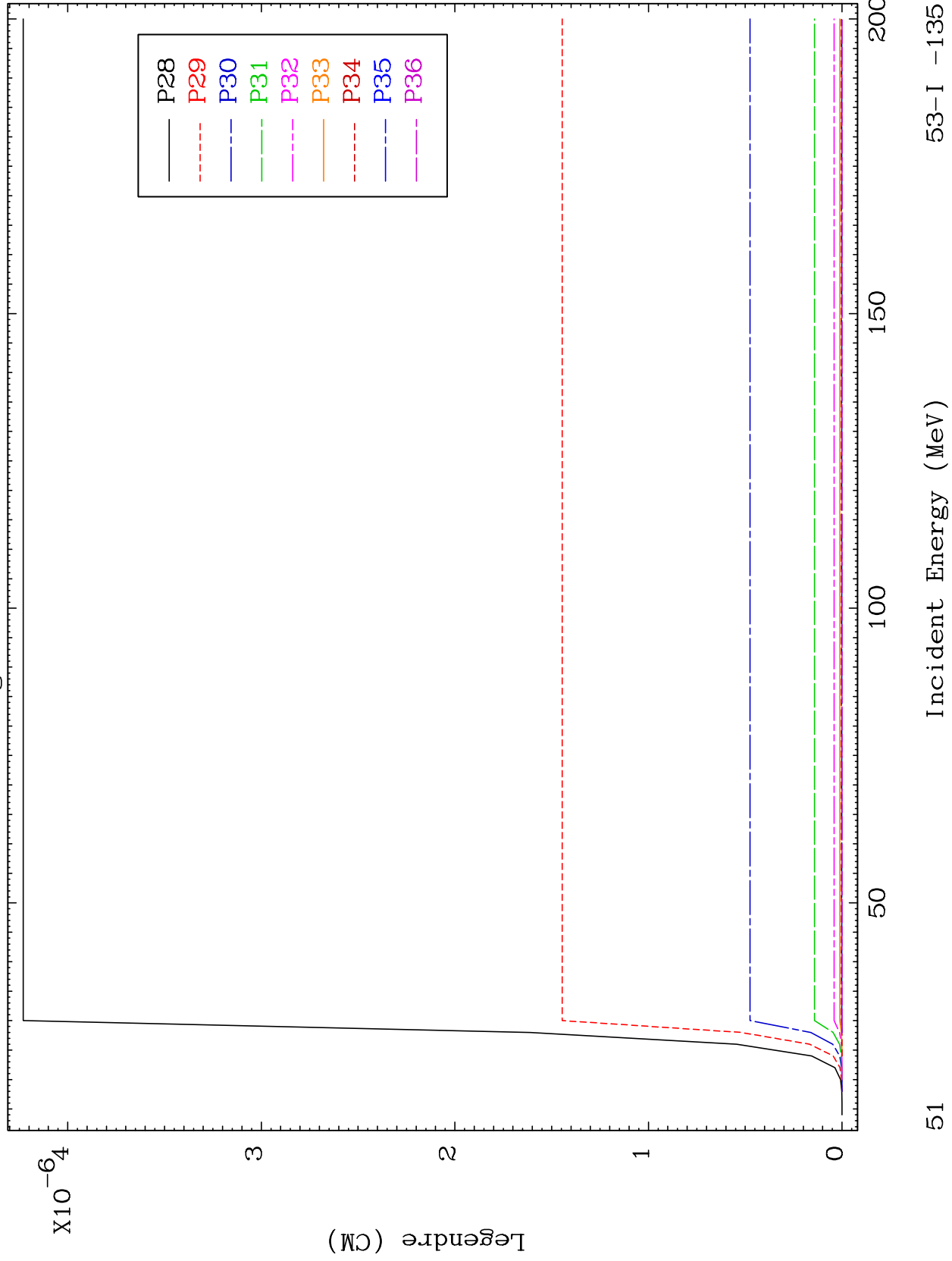
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



51

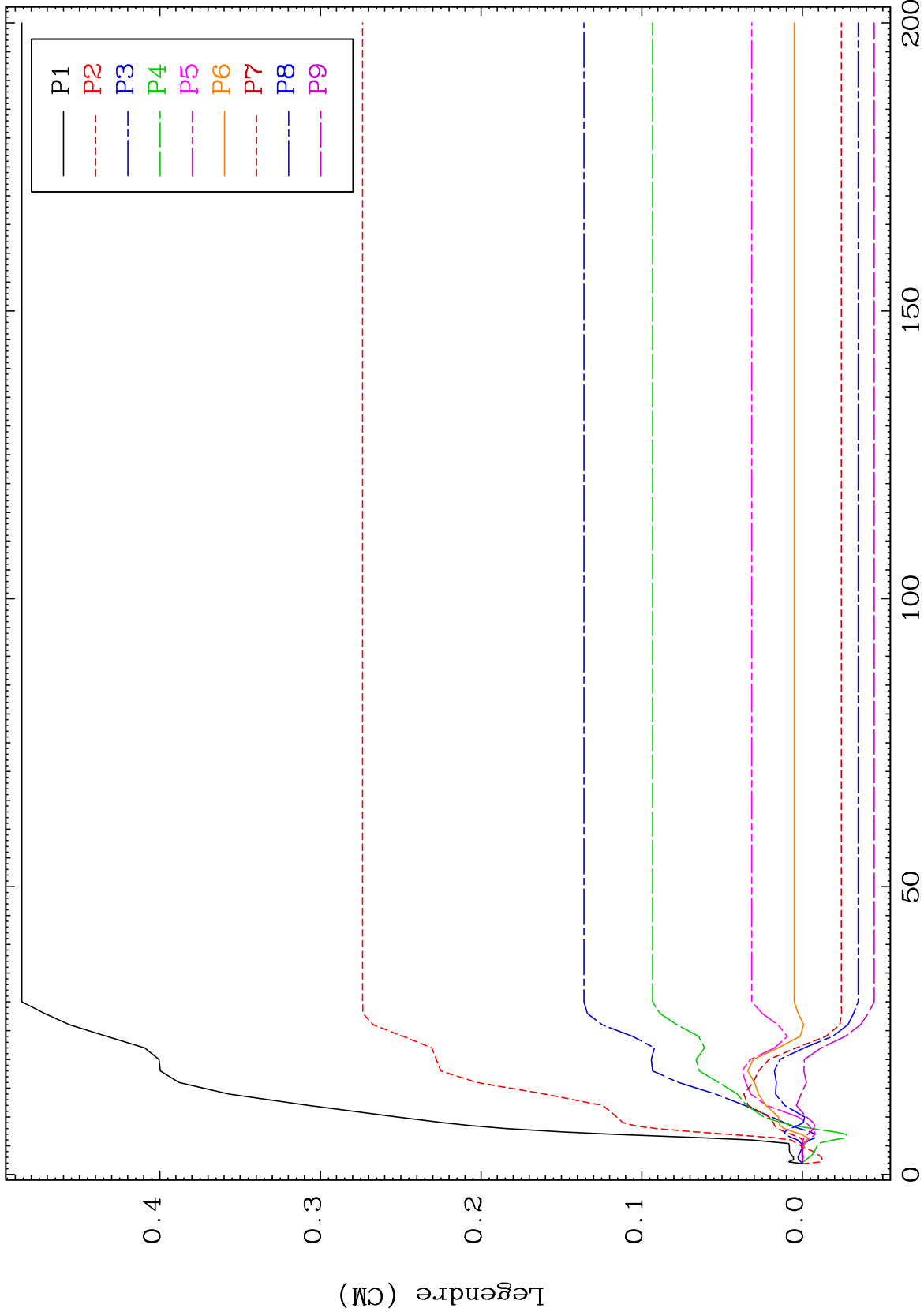
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



53-I -135

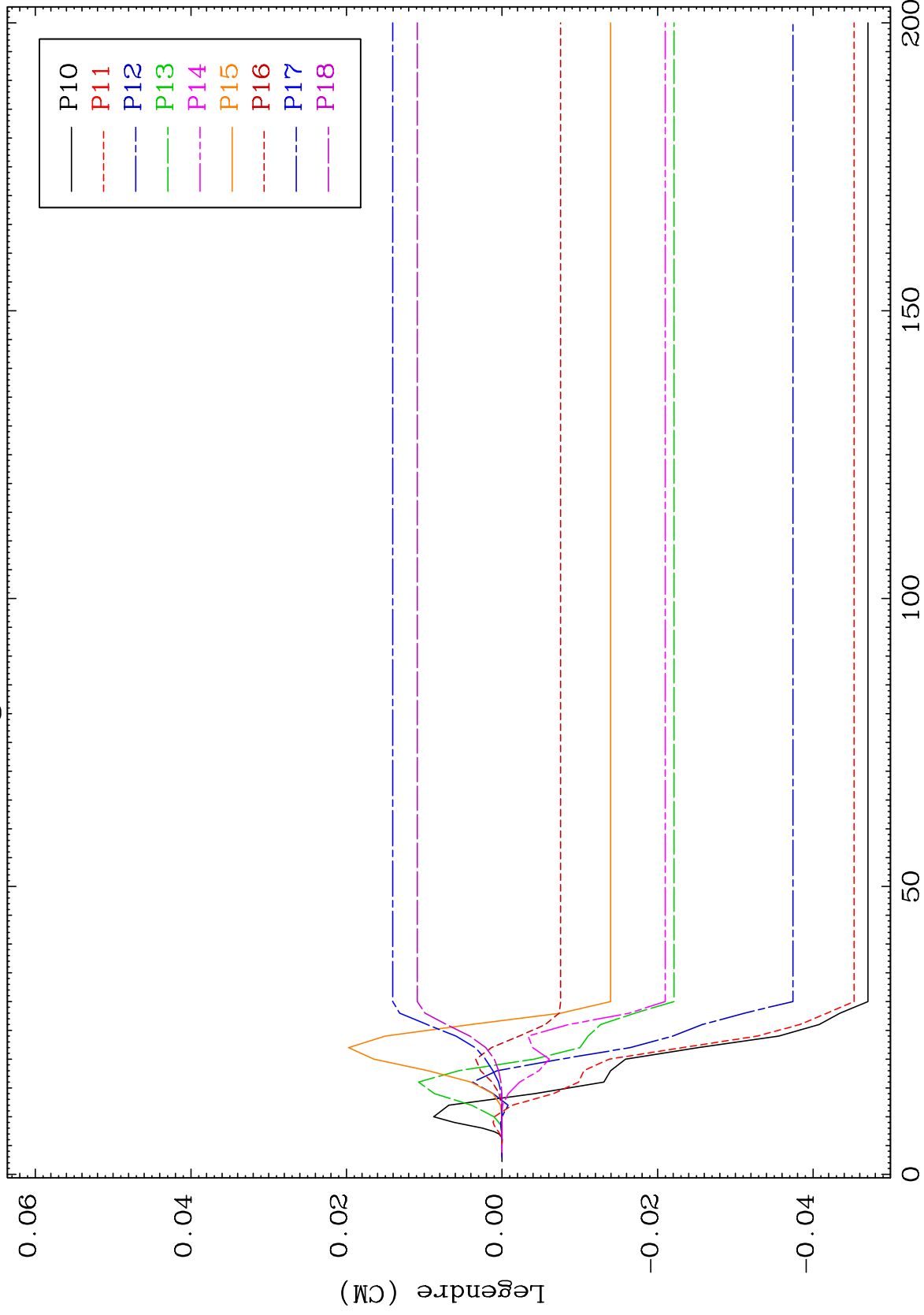
Incident Energy (MeV)

52

MAT 5349

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

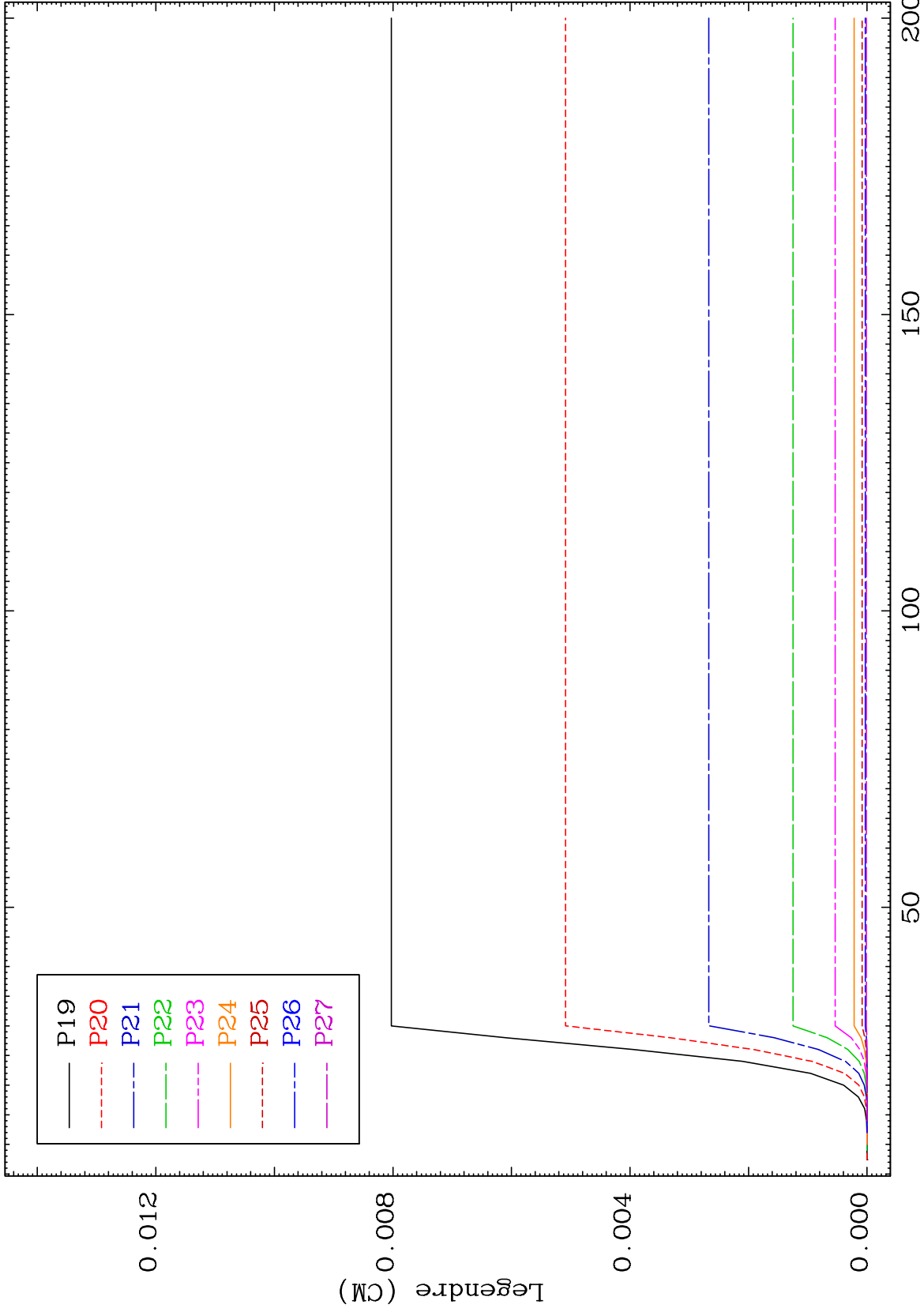
53-I -135



53

Incident Energy (MeV)

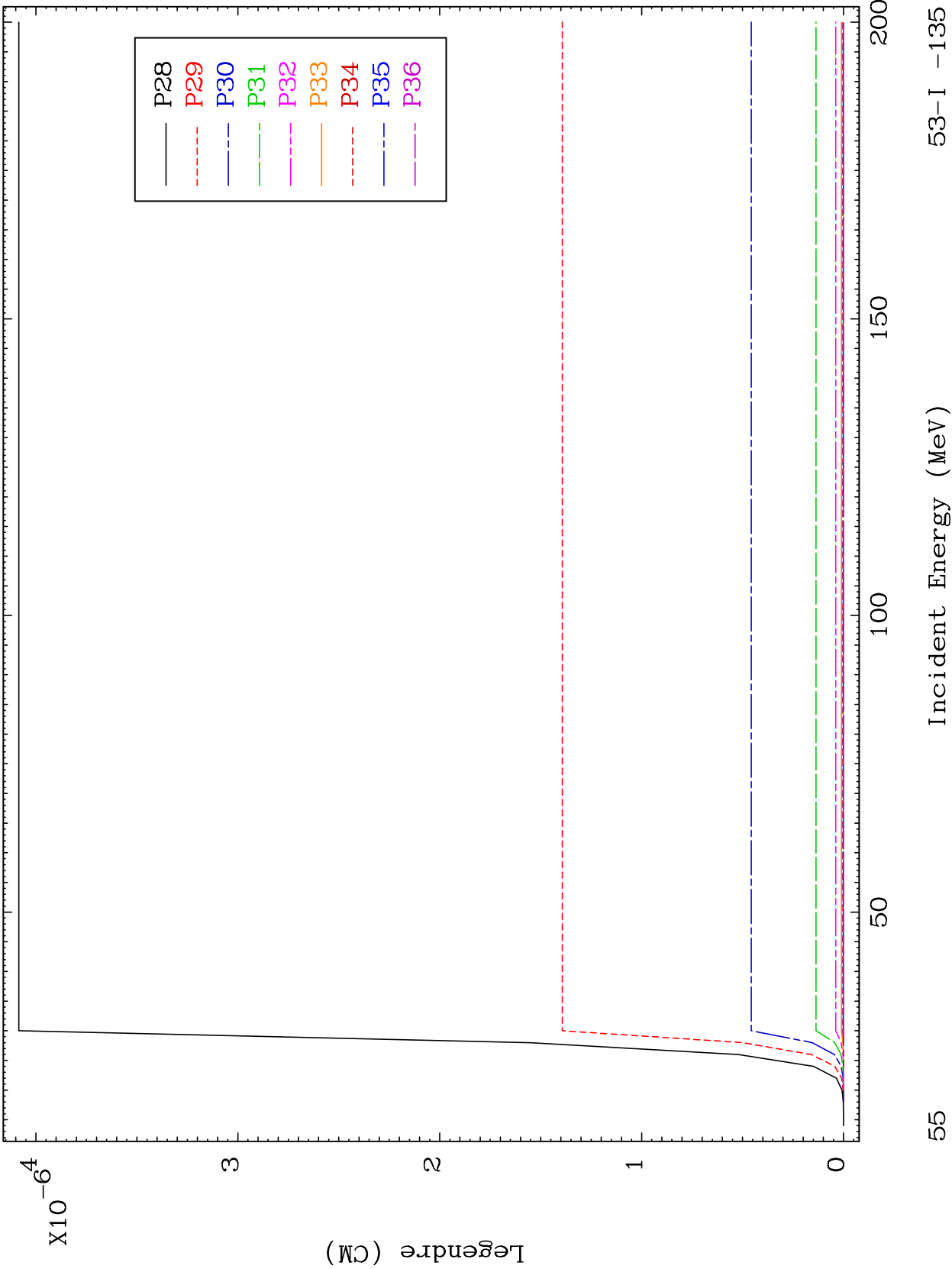
53-I -135



MAT 5349

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

53-I -135



55

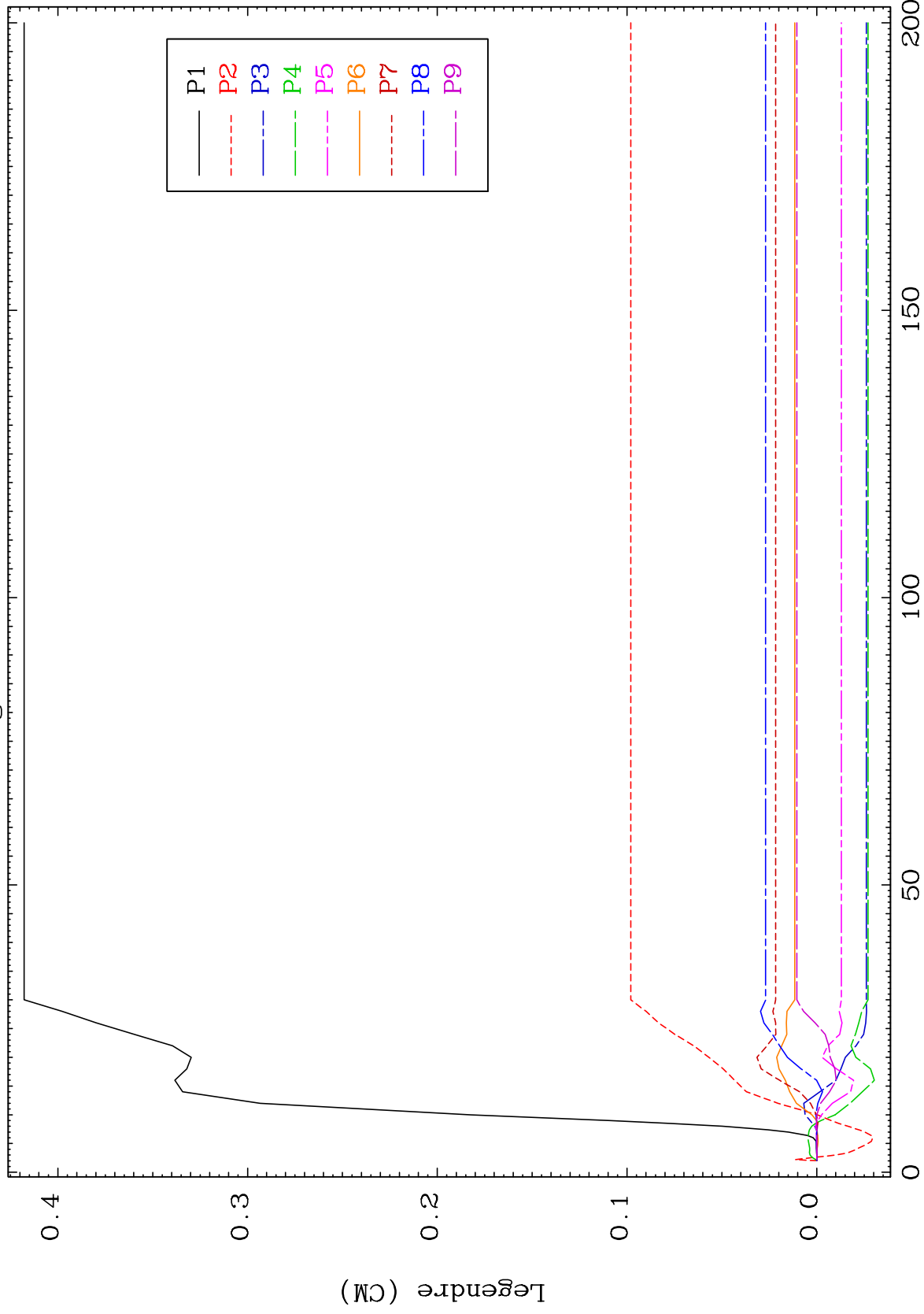
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



56

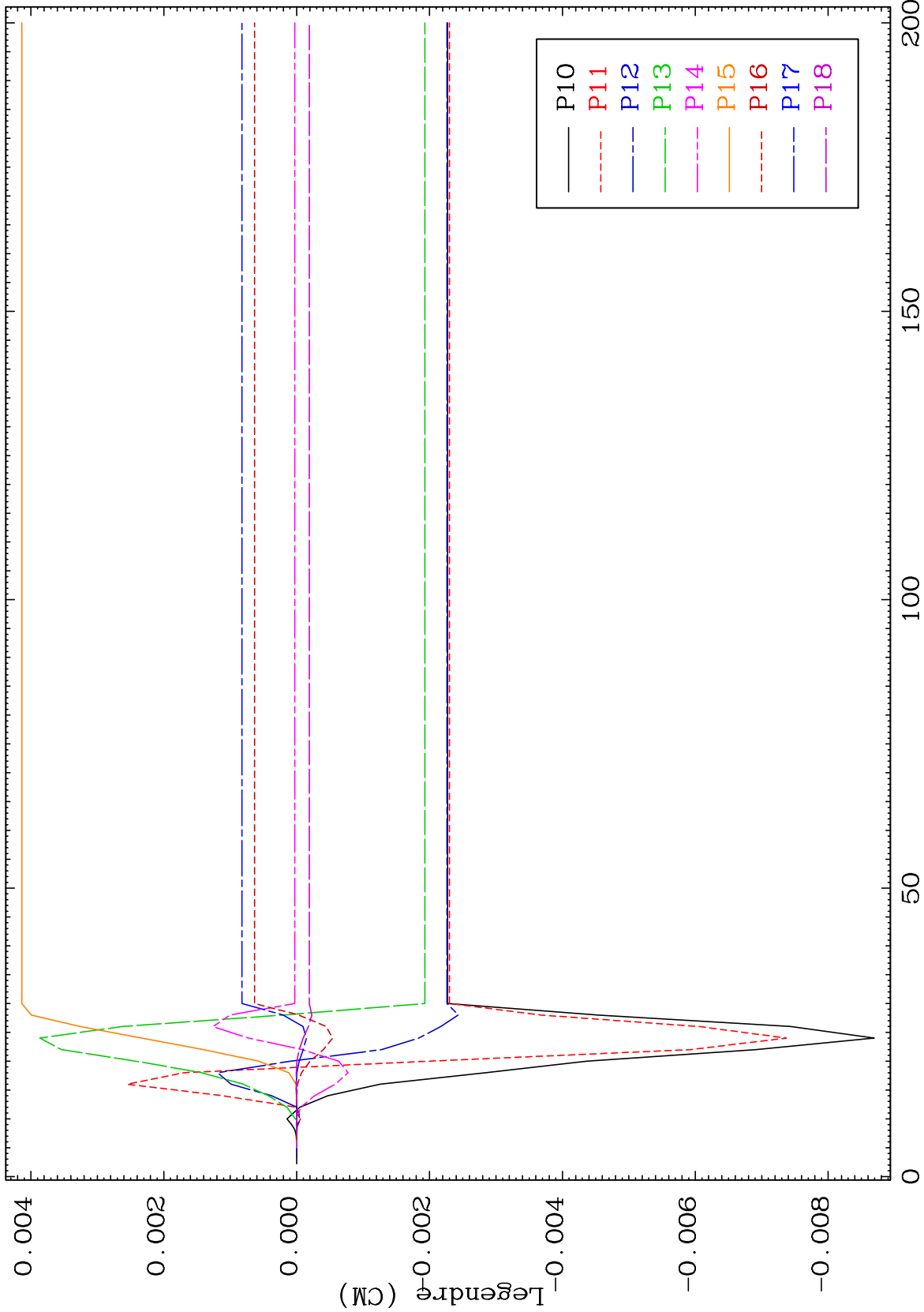
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



57

Incident Energy (MeV)

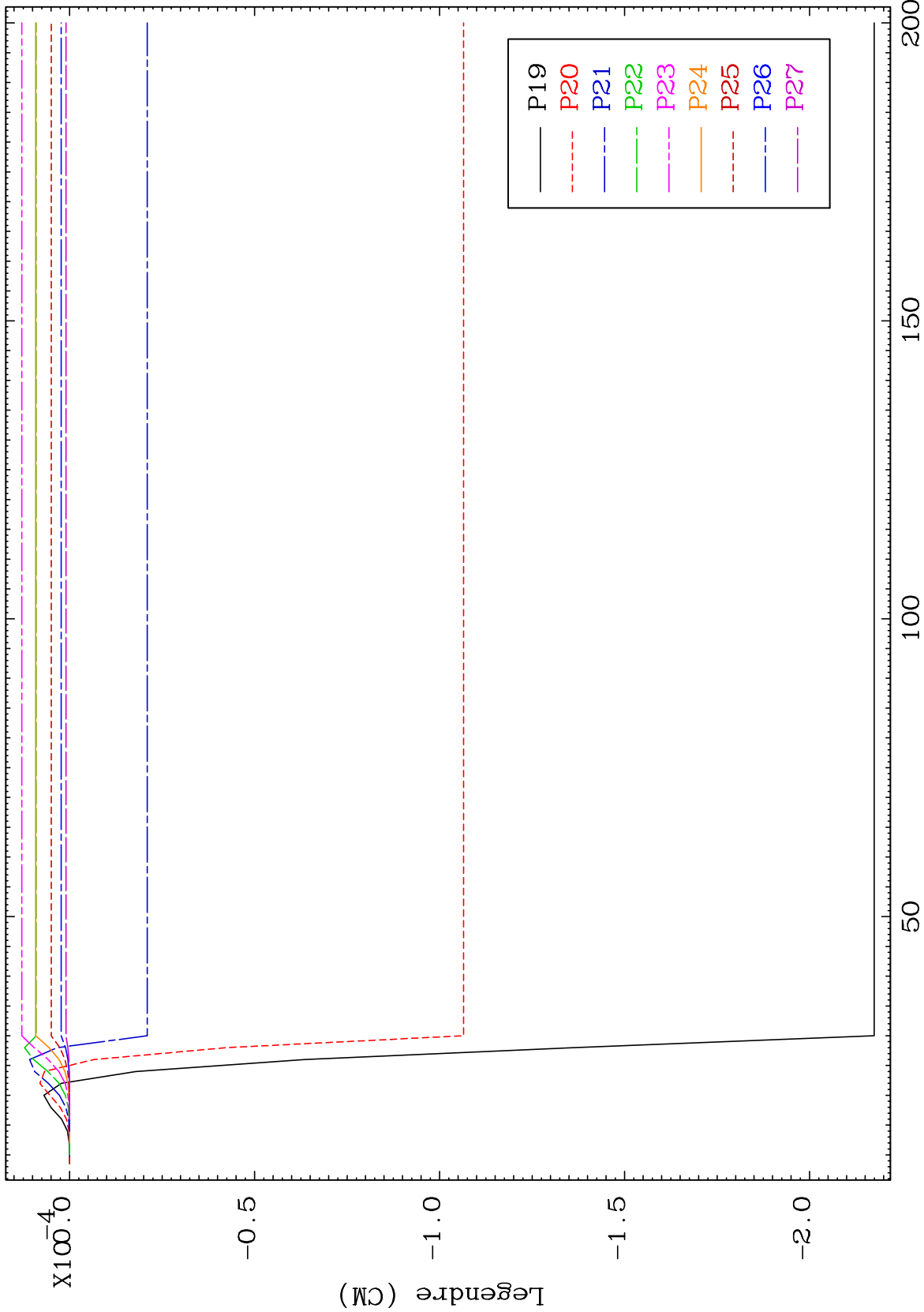
53-I -135

MAT 5349

MT= 60 (n,n') Level

53-I -135

Legendre Coefficients



58

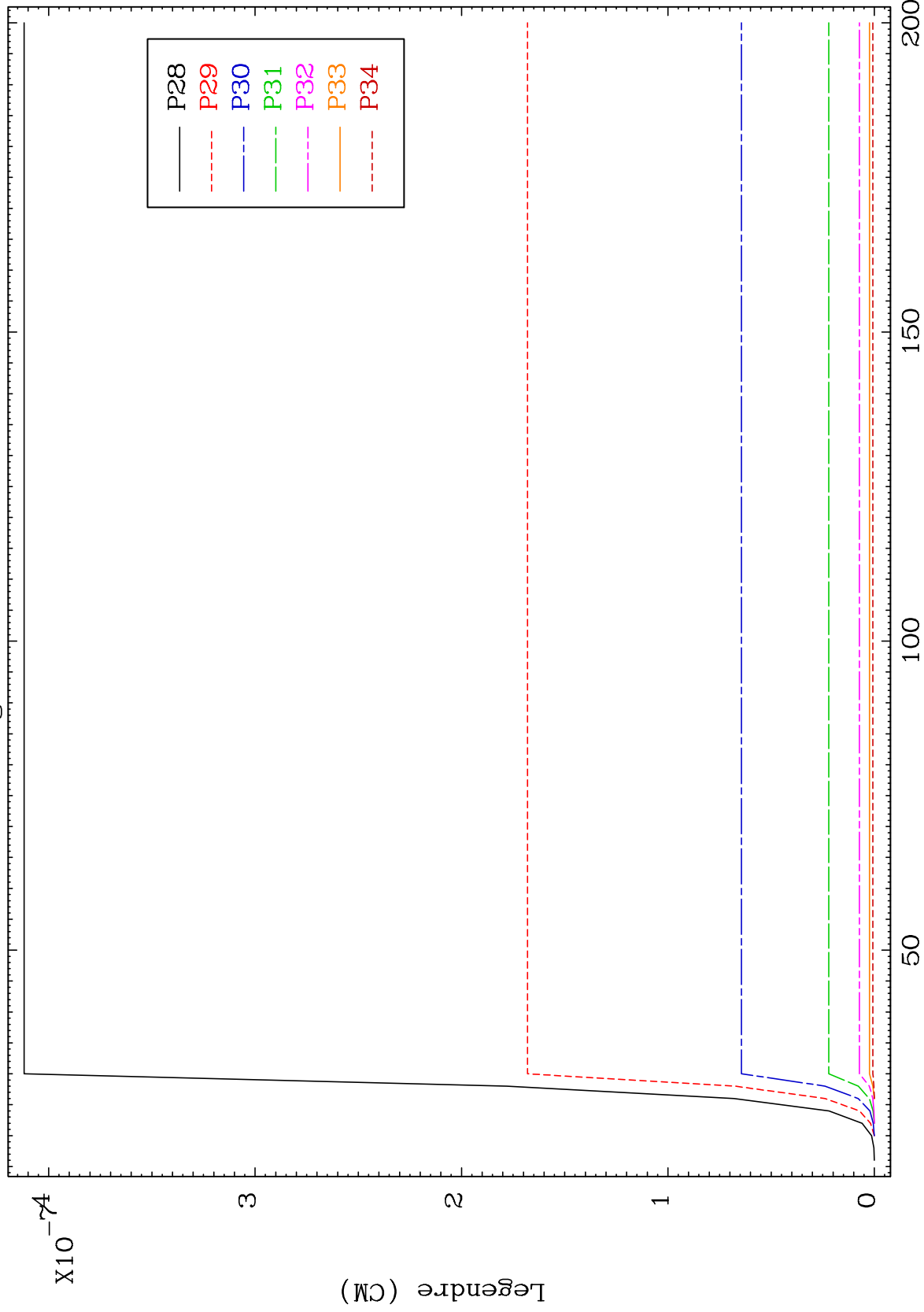
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



59

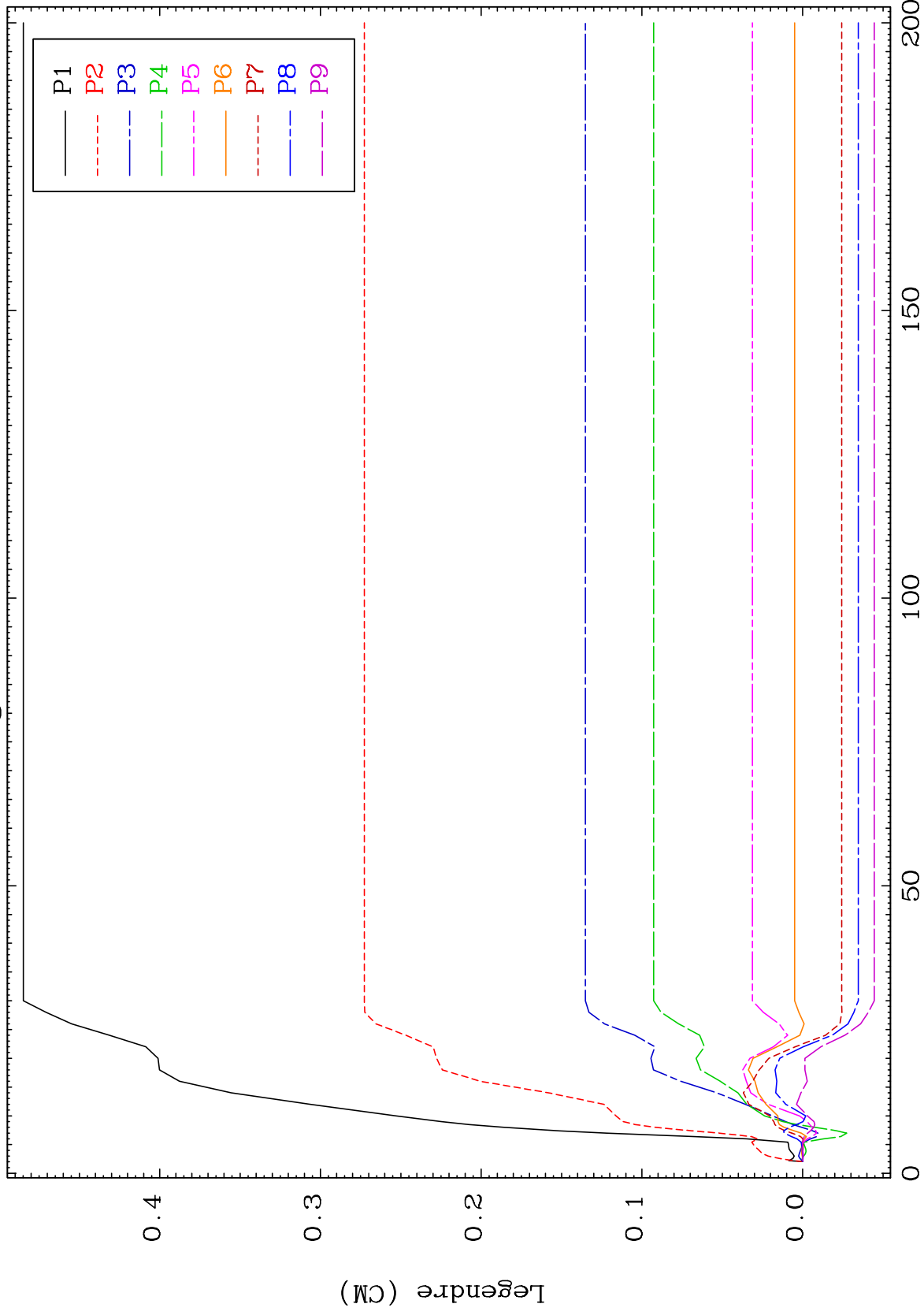
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



53-I -135

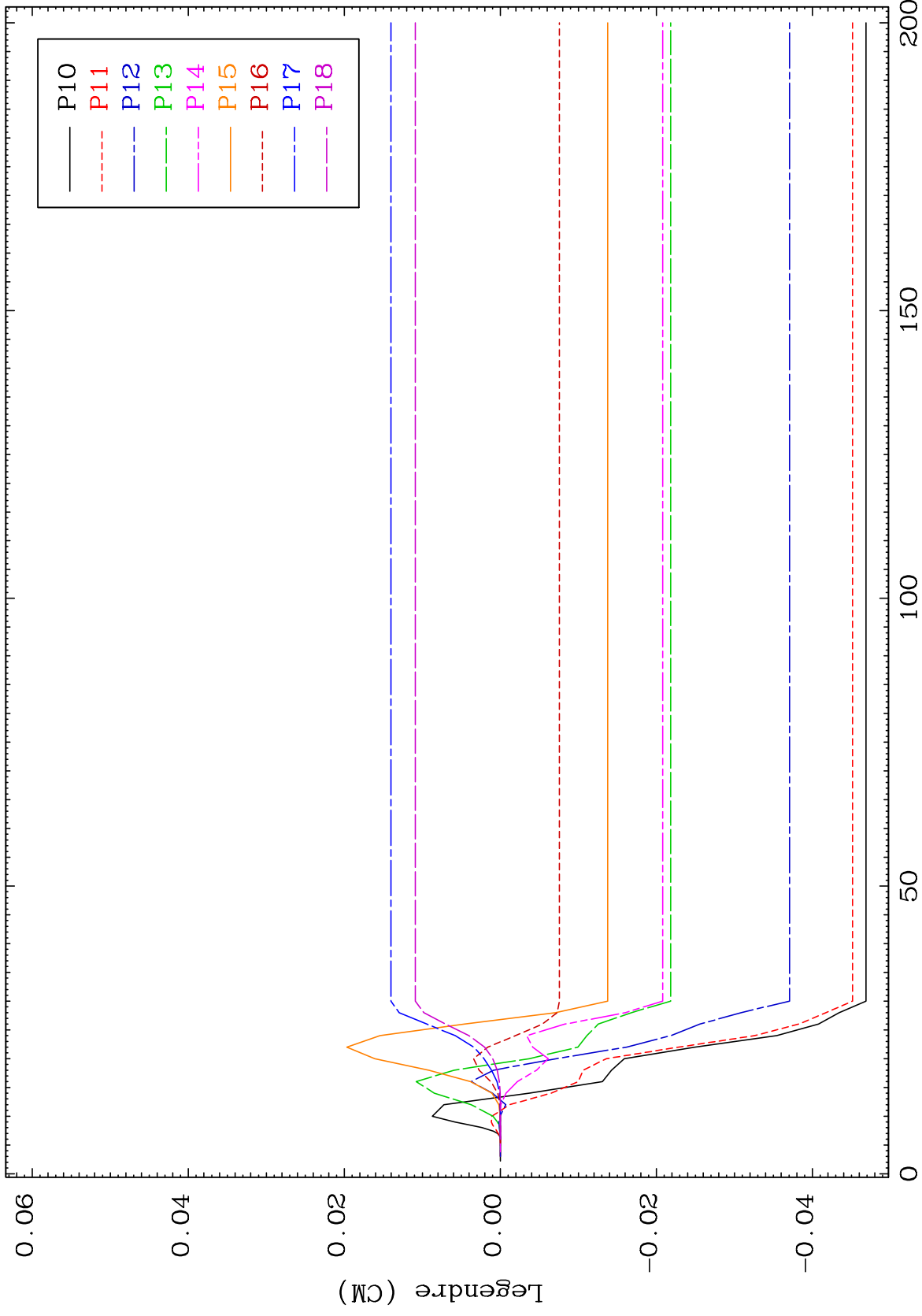
Incident Energy (MeV)

60

MAT 5349

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

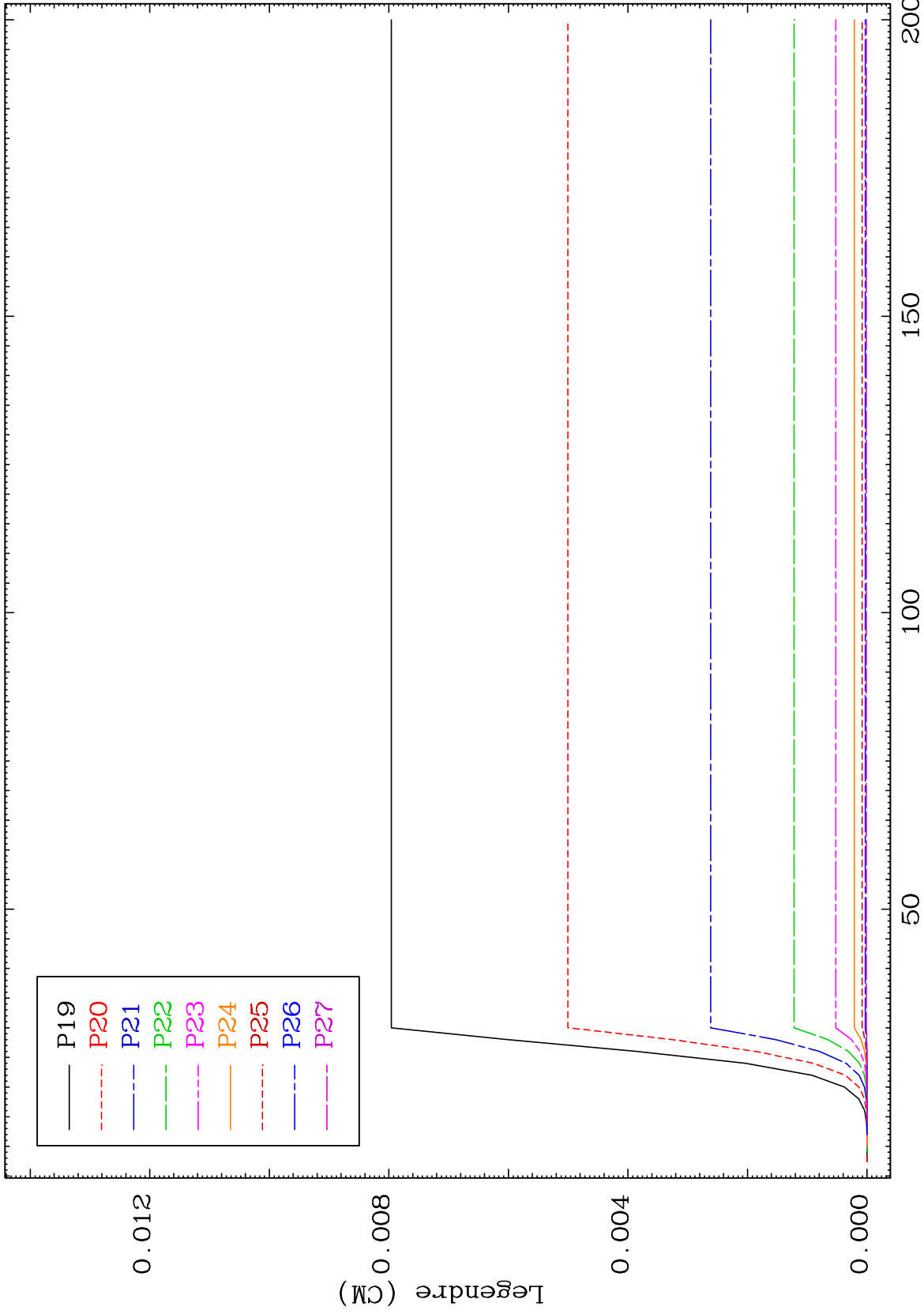
53-I -135



61

Incident Energy (MeV)

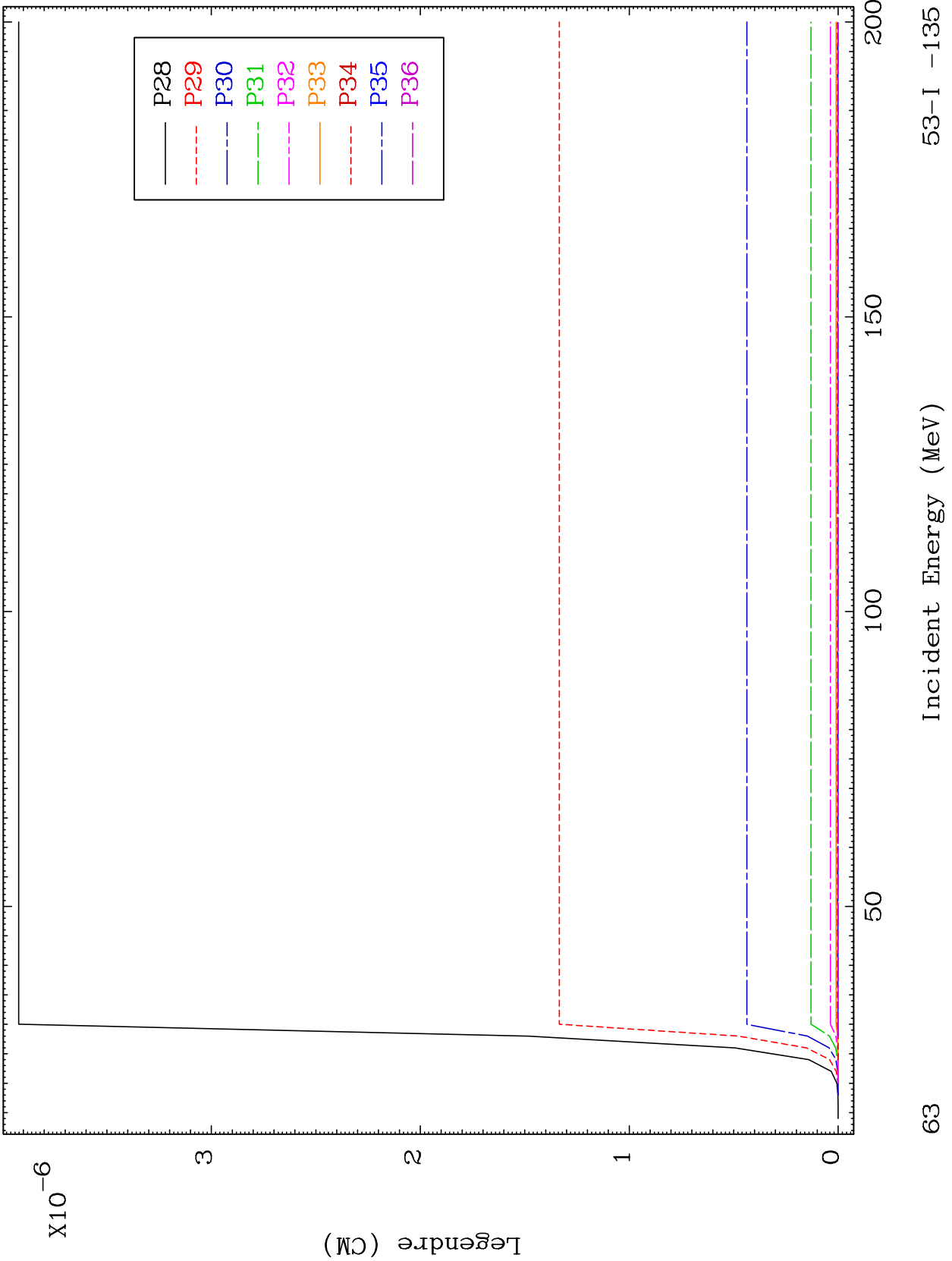
53-I -135



MAT 5349

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

53-I -135



63

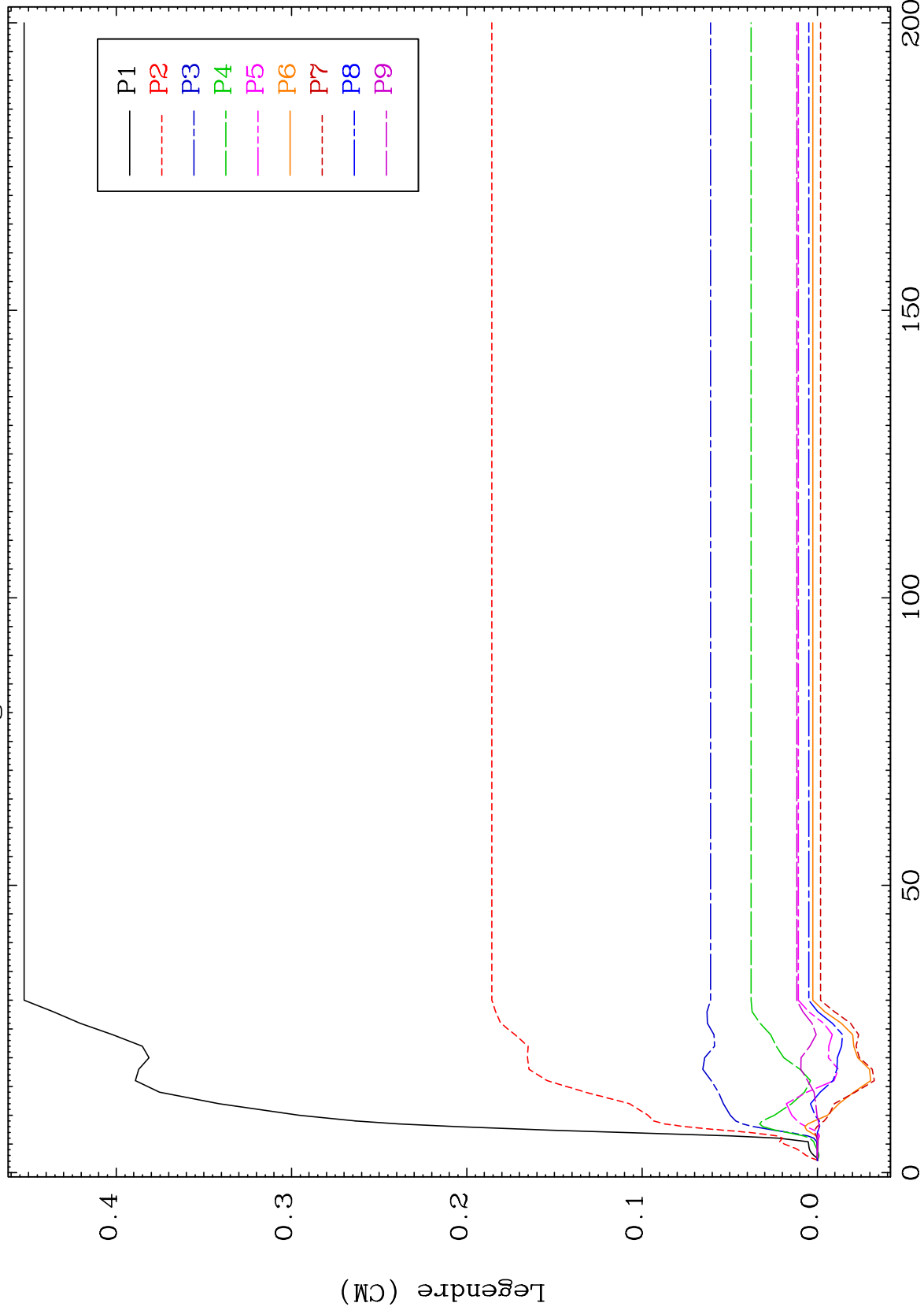
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



64

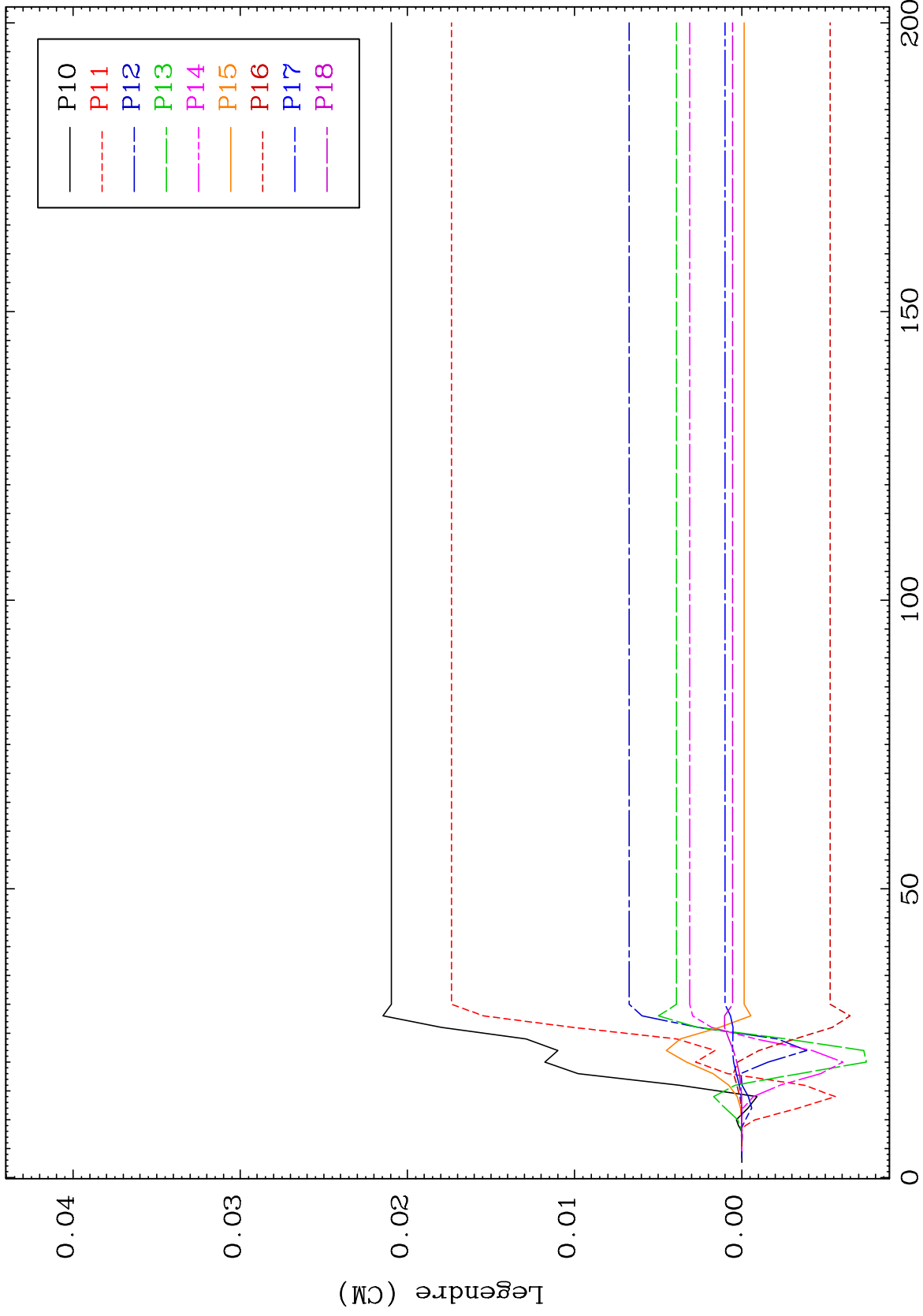
Incident Energy (MeV)

53-I -135

MAT 5349

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

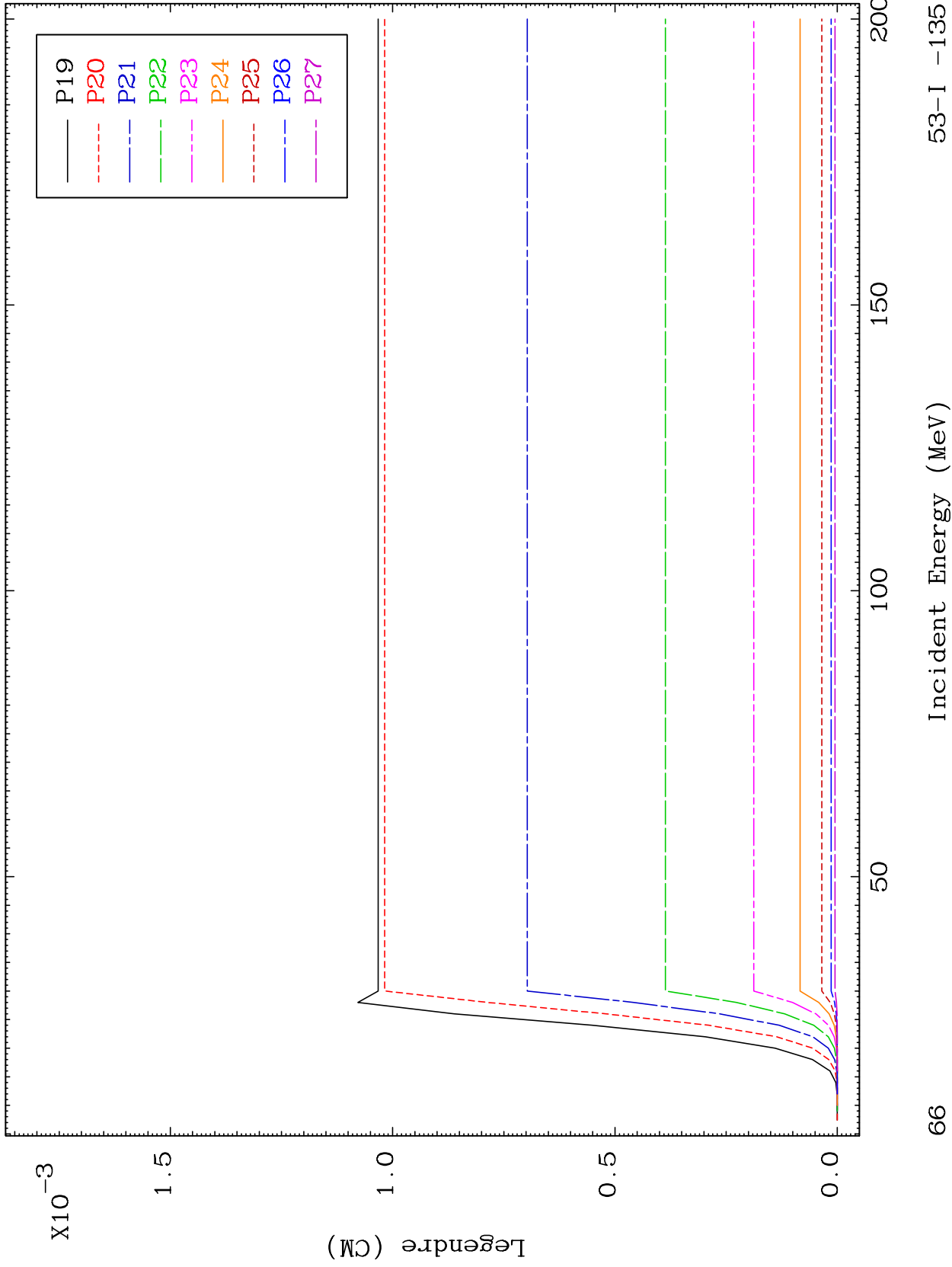
53-I -135

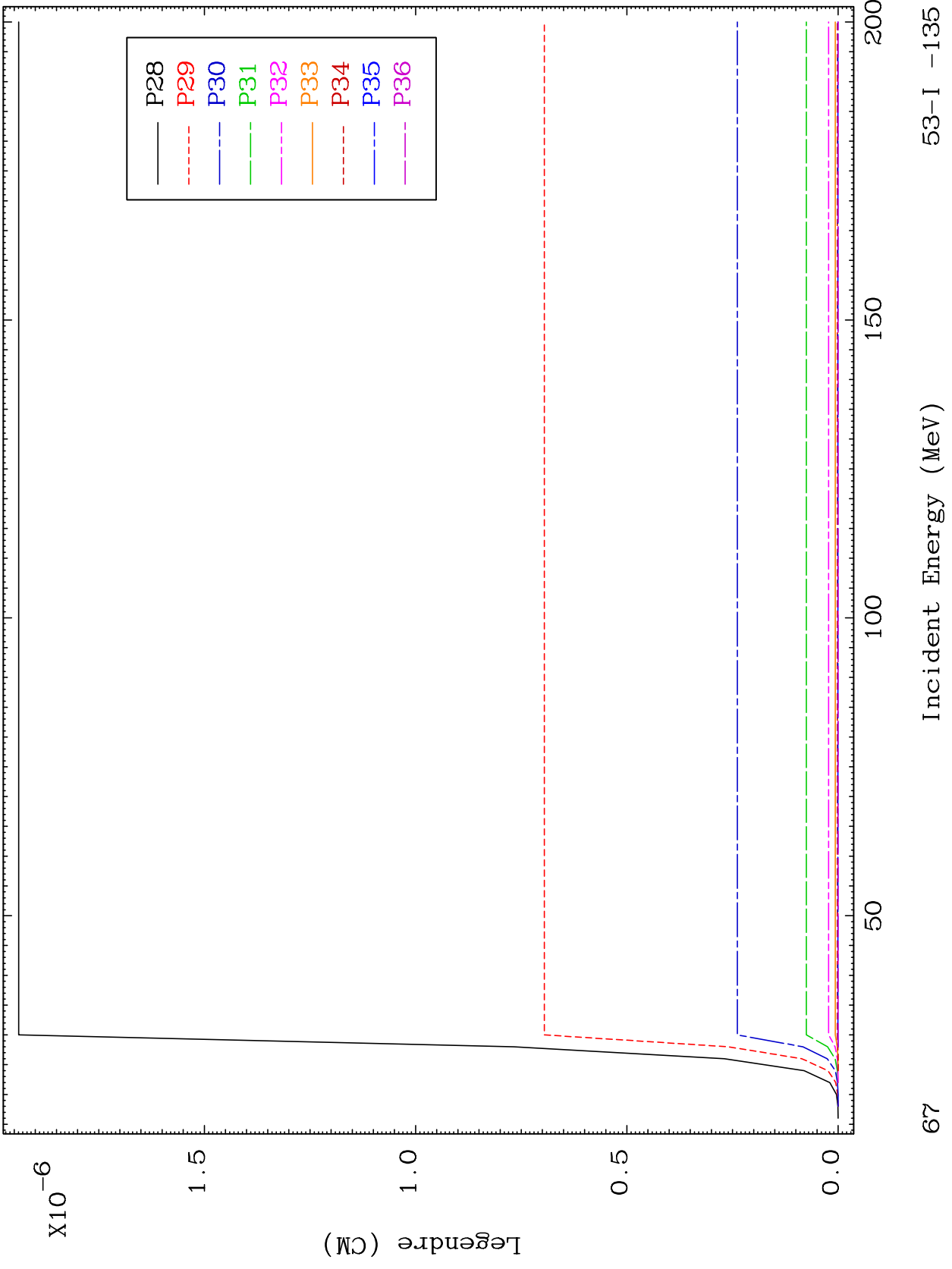


65

Incident Energy (MeV)

53-I -135

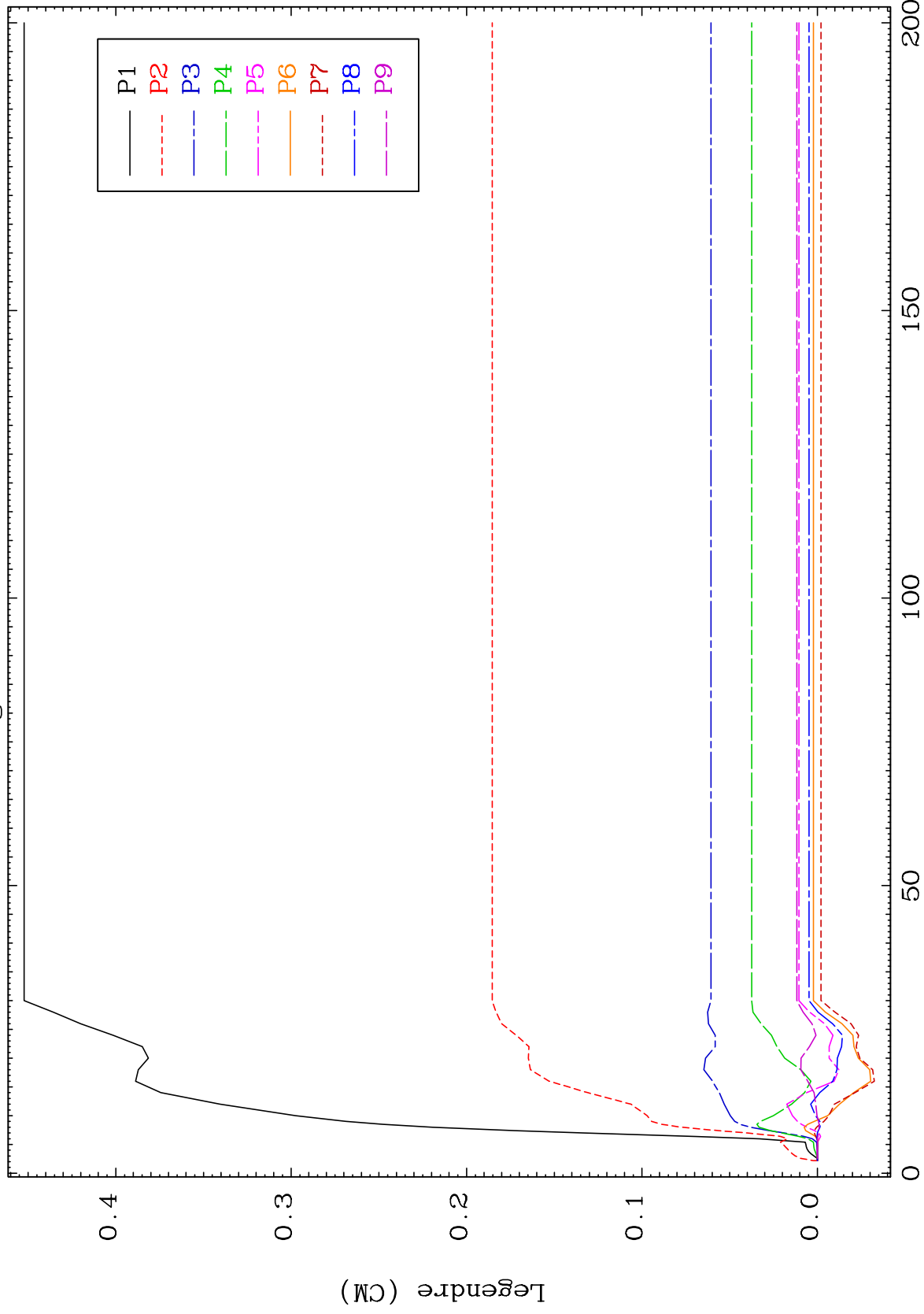




MAT 5349

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

53-I -135



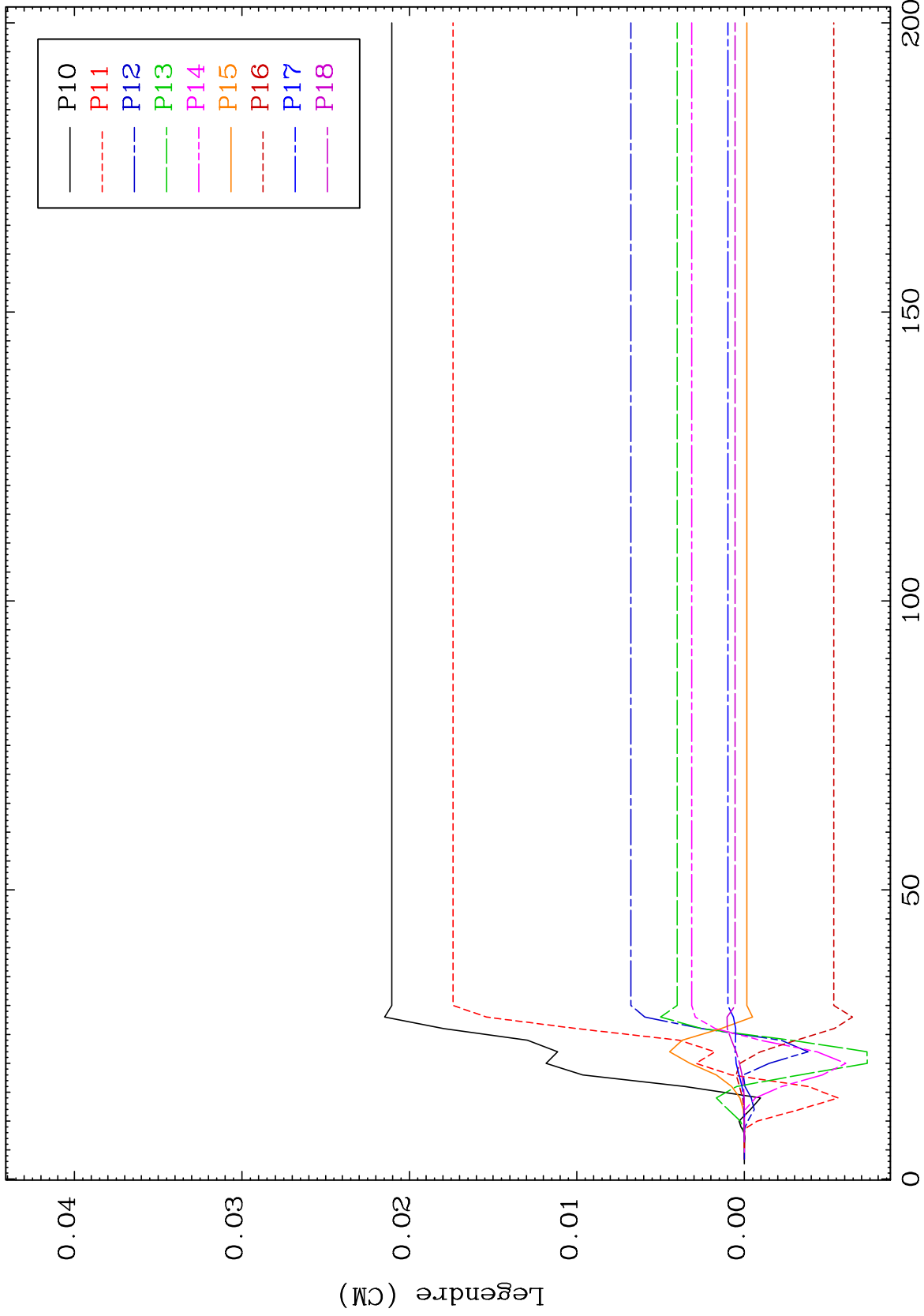
68

53-I -135

MAT 5349

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

53-I -135



69

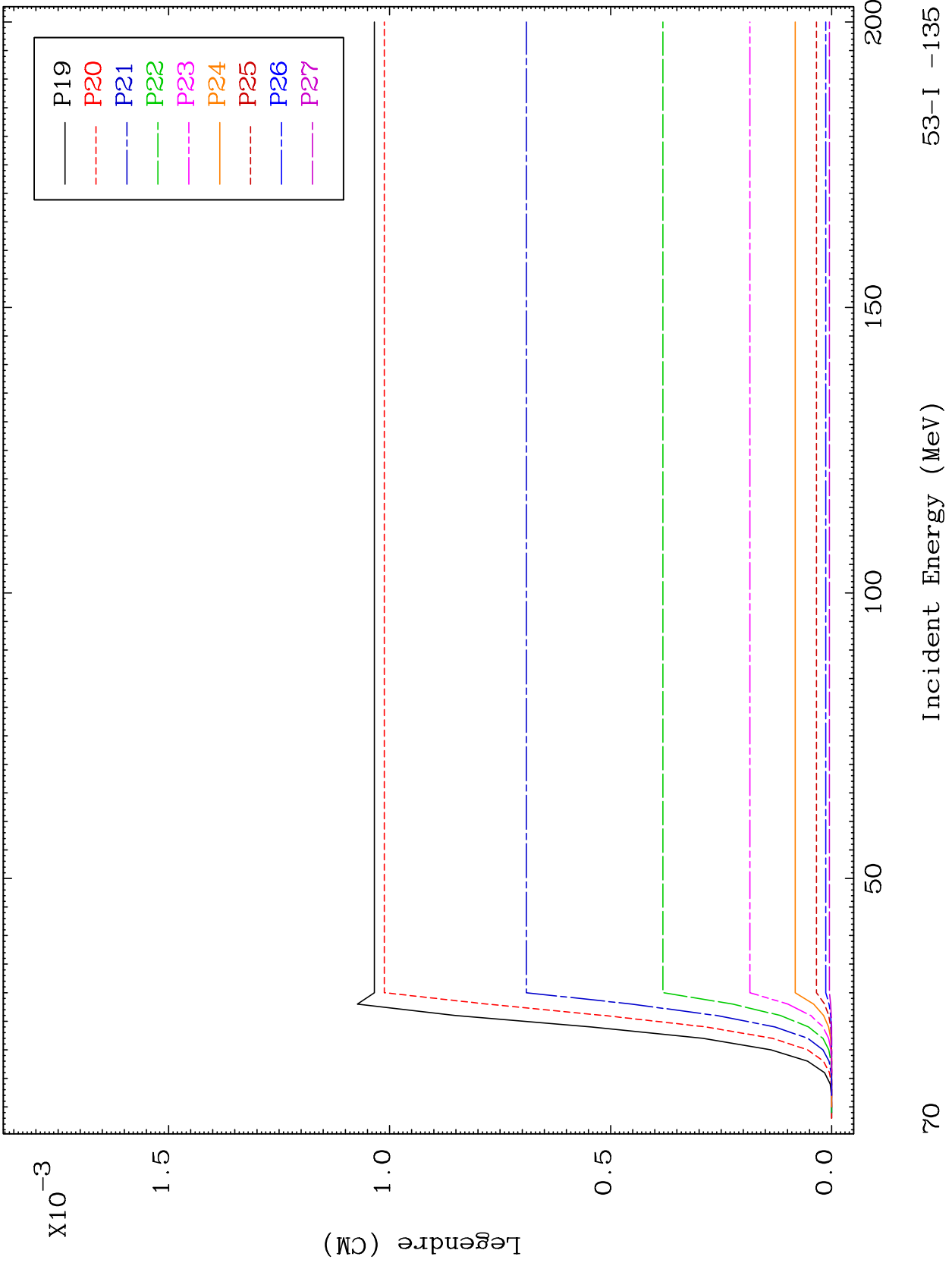
Incident Energy (MeV)

53-I -135

MAT 5349

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

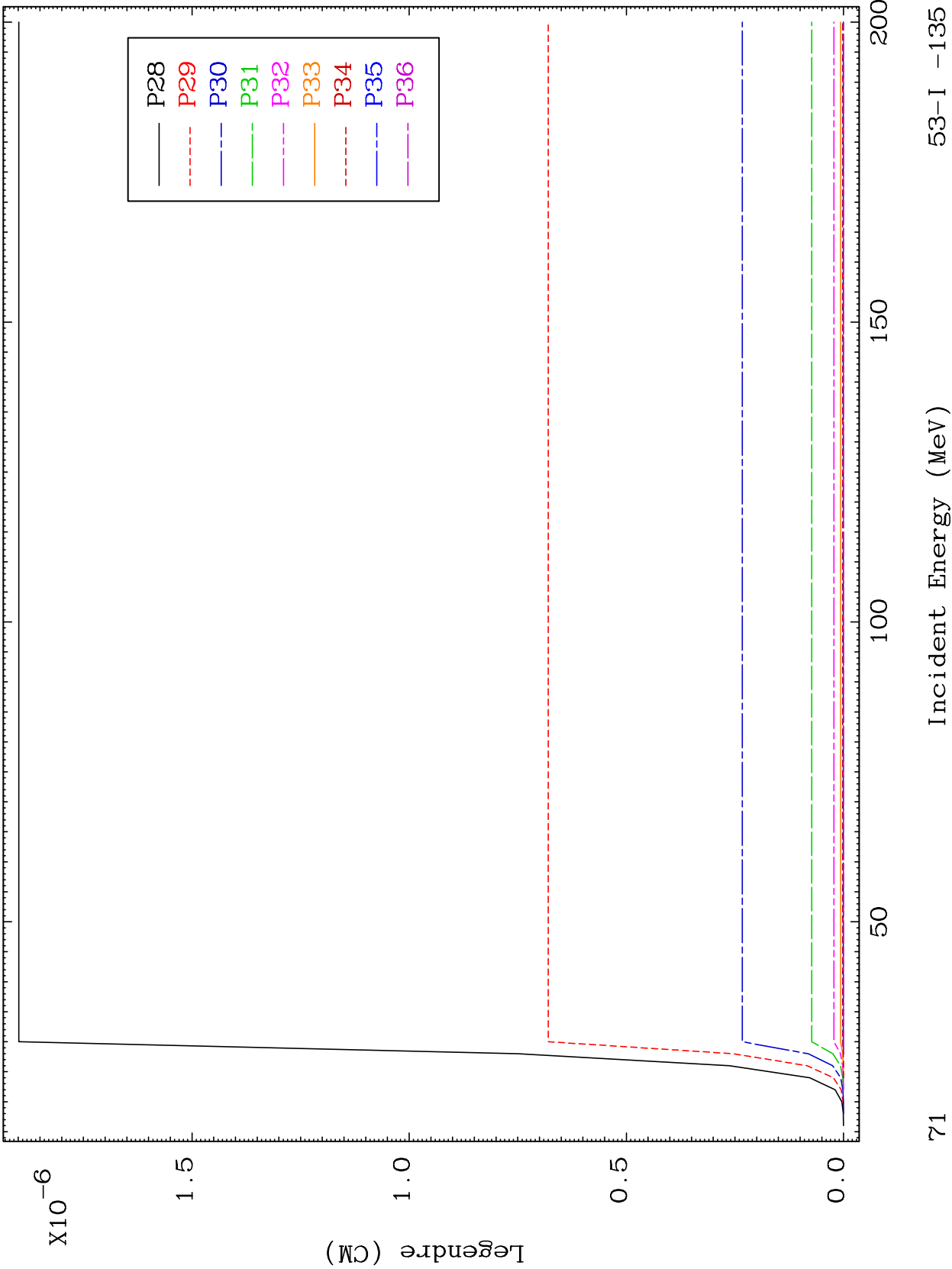
53-I -135



53-I -135

Incident Energy (MeV)

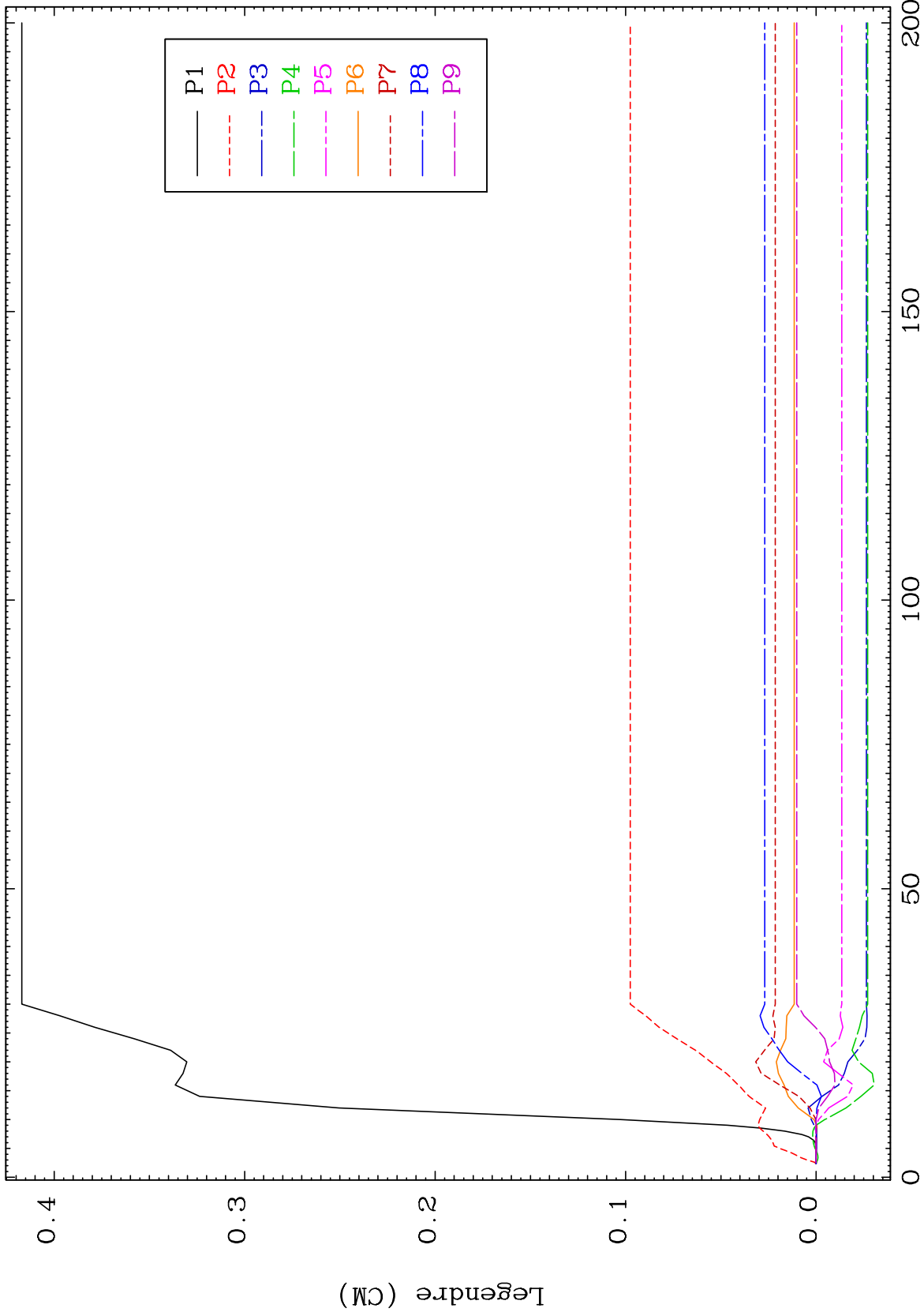
70



MAT 5349

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

53-I -135



72

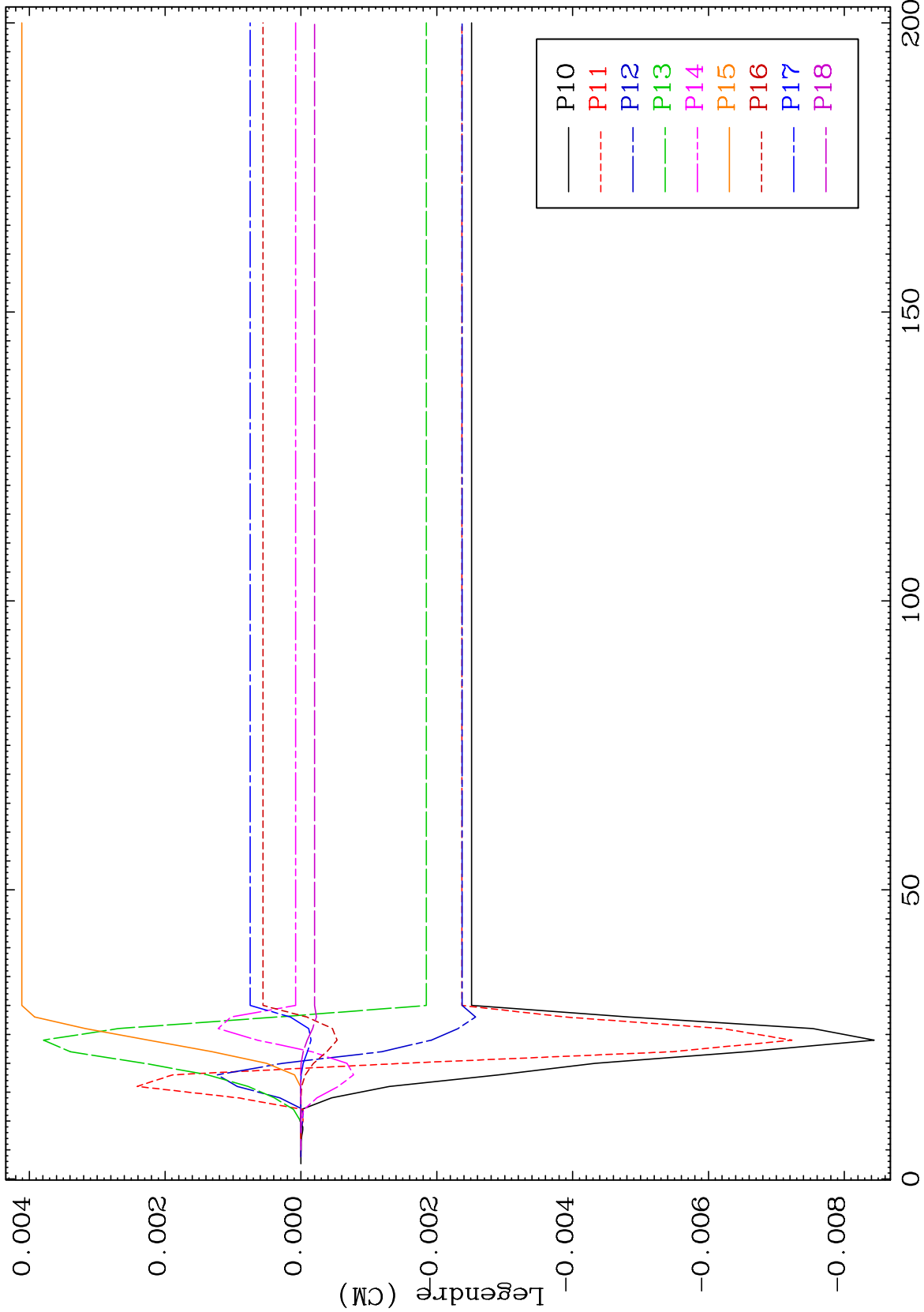
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



73

Incident Energy (MeV)

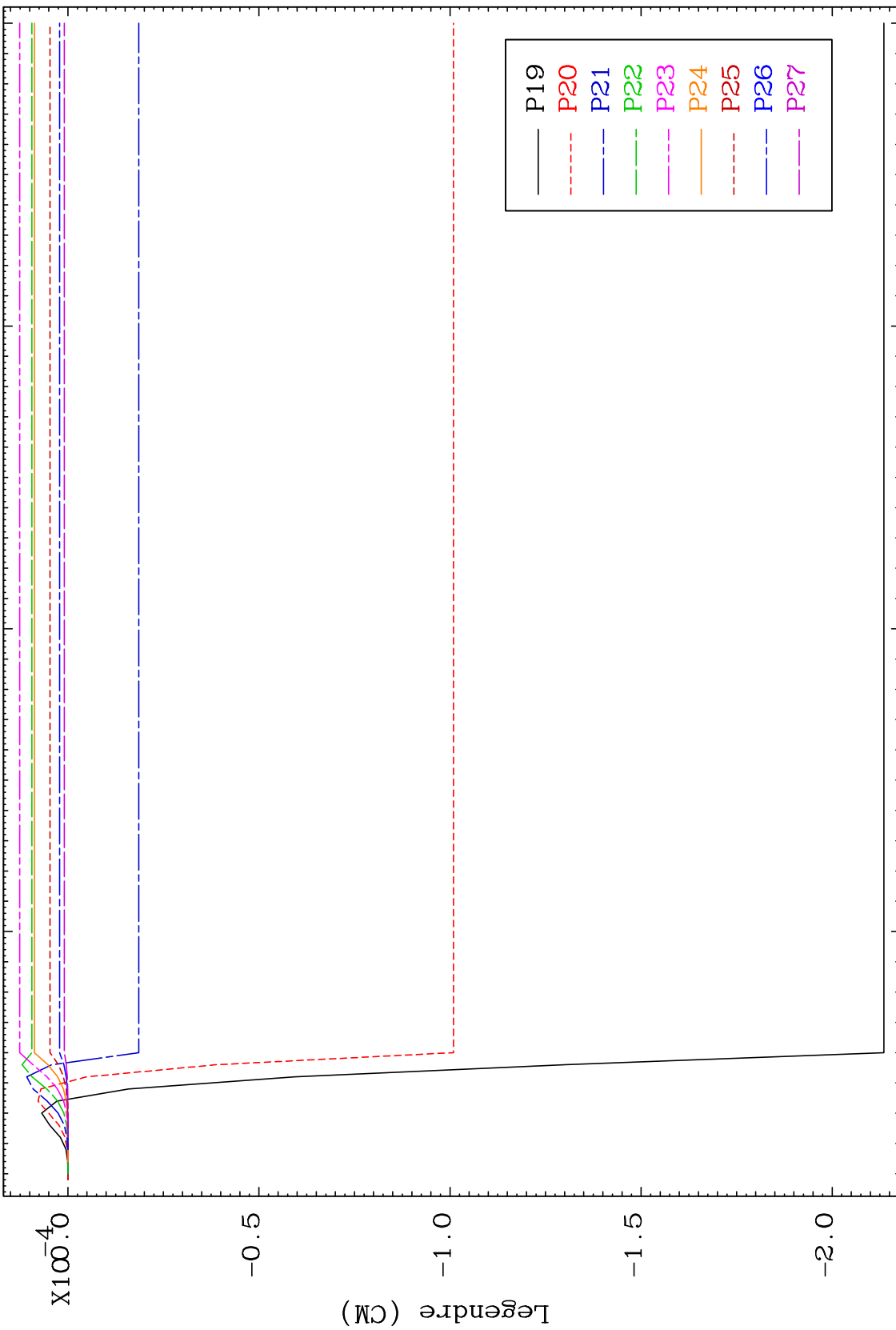
53-I -135

MAT 5349

MT= 64 (n,n') Level

53-I -135

Legendre Coefficients



53-I -135

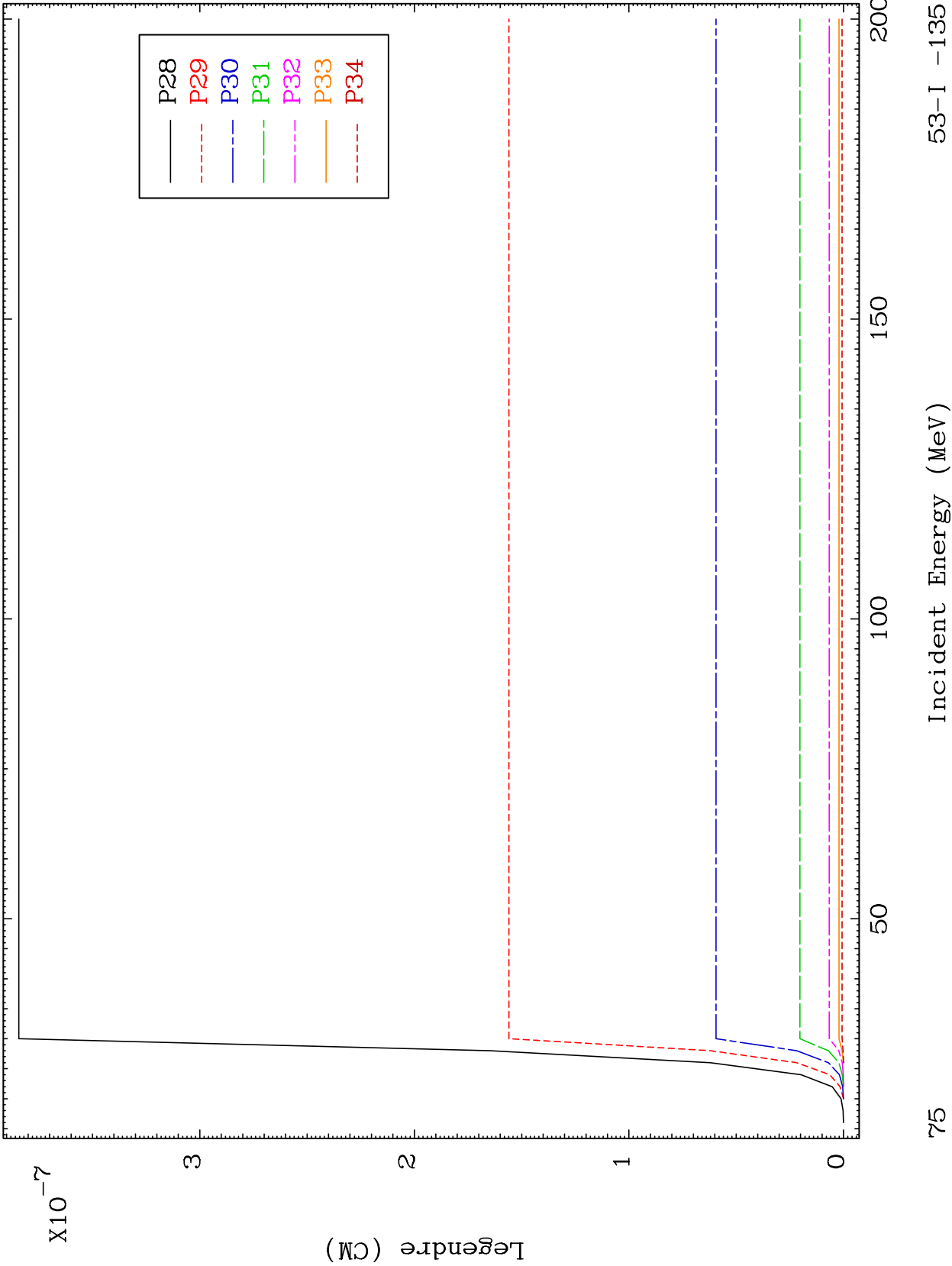
Incident Energy (MeV)

74

MAT 5349

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

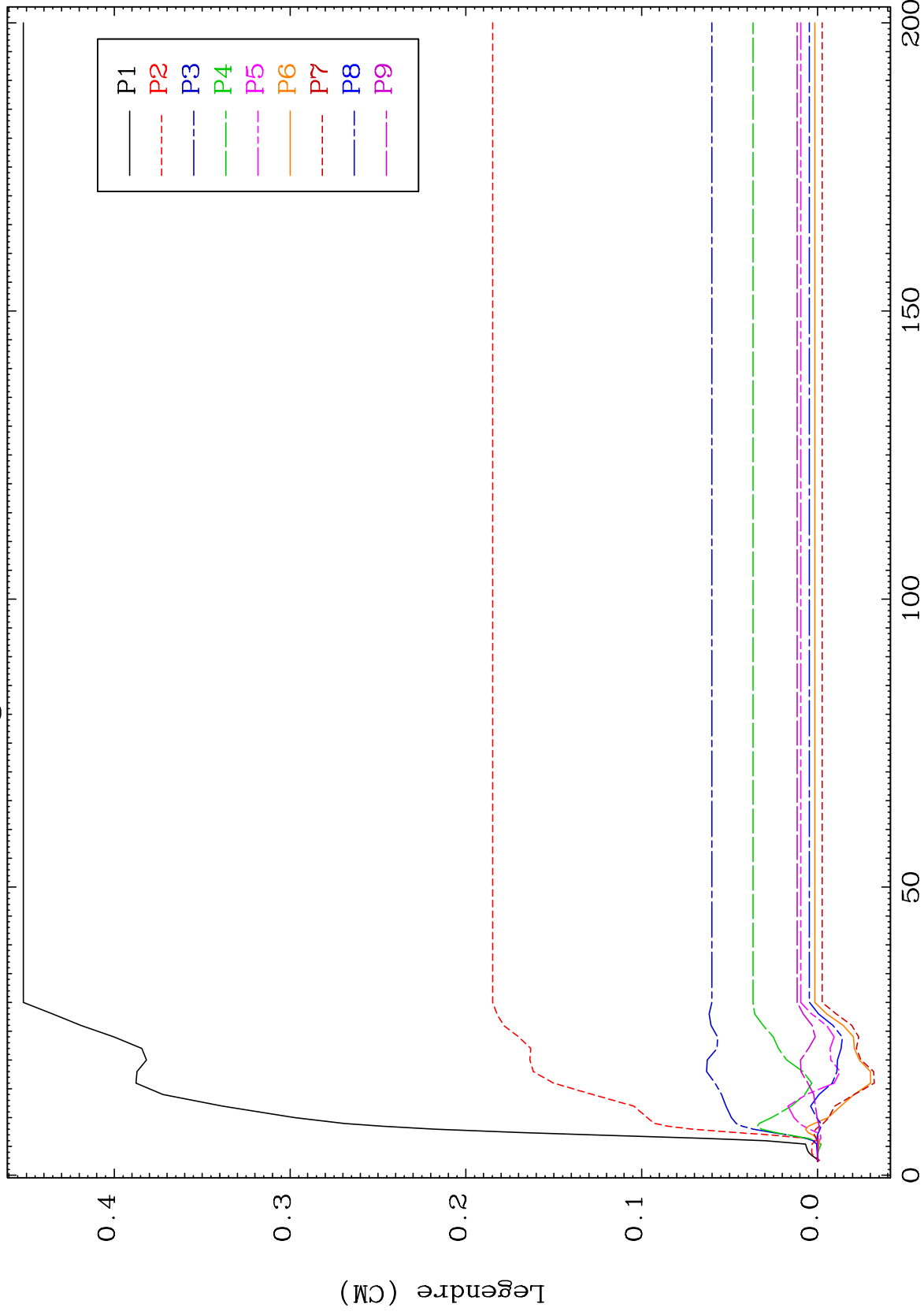
53-I -135



MAT 5349

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

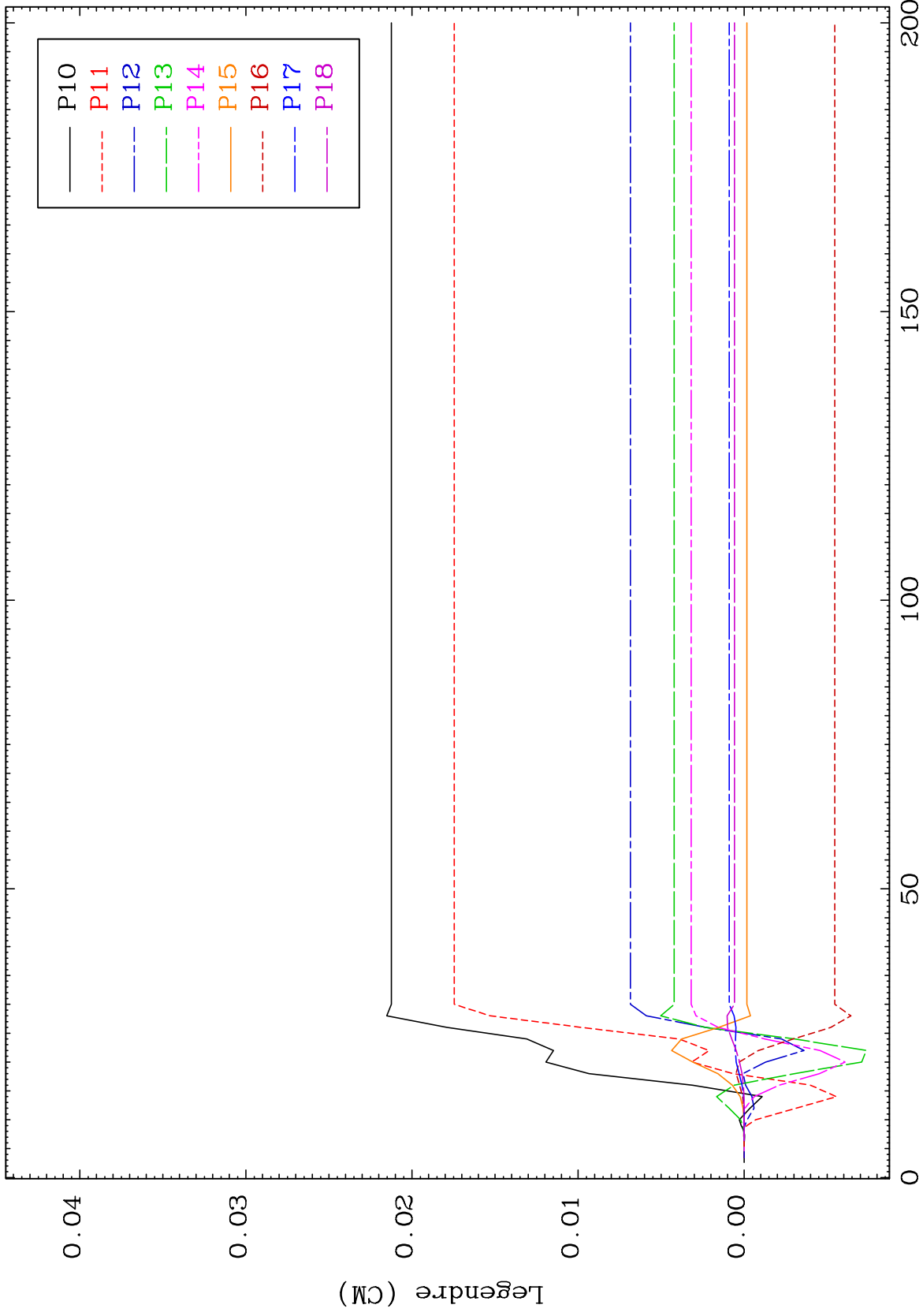
53-I -135



76

Incident Energy (MeV)

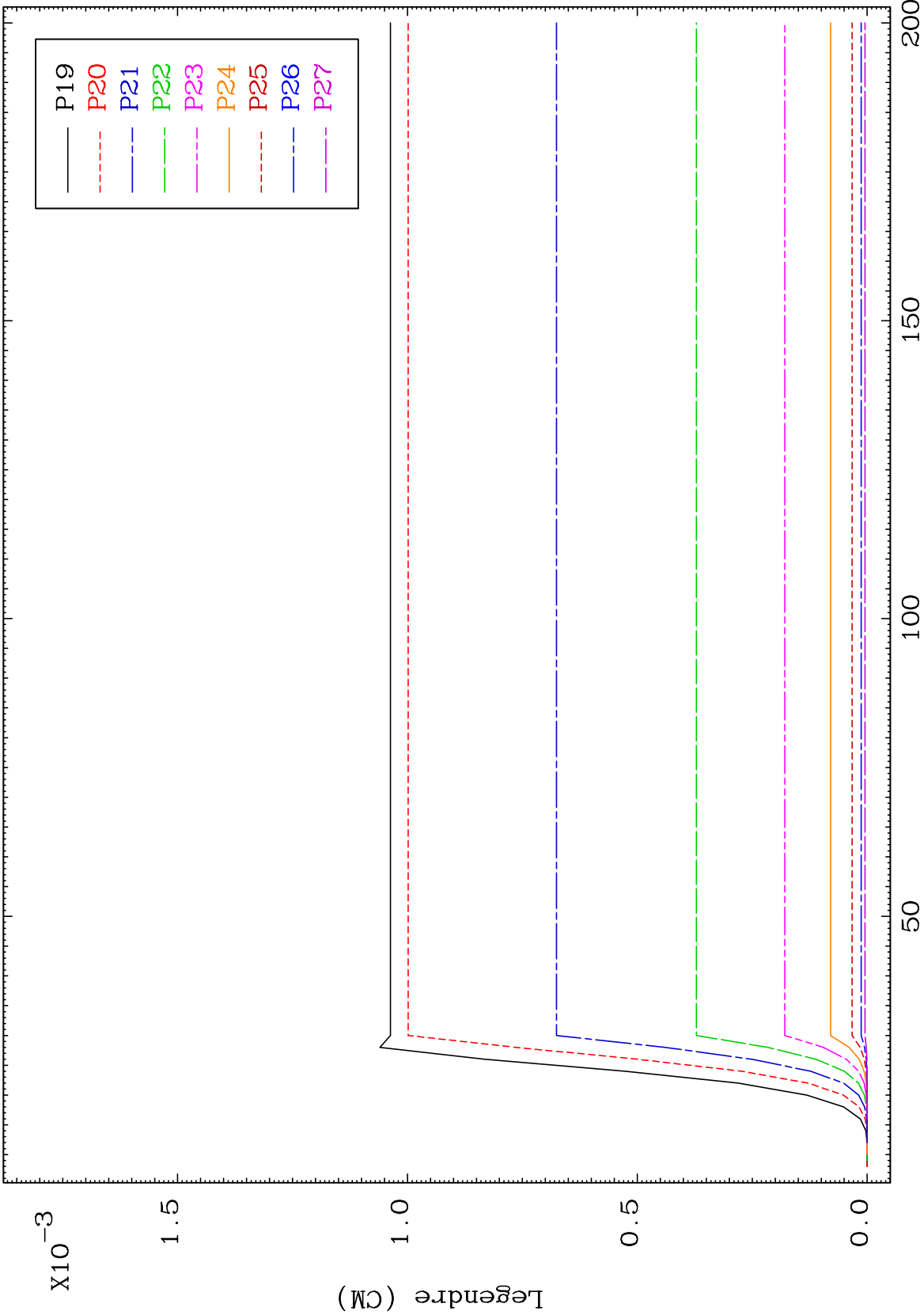
53-I -135



MAT 5349

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

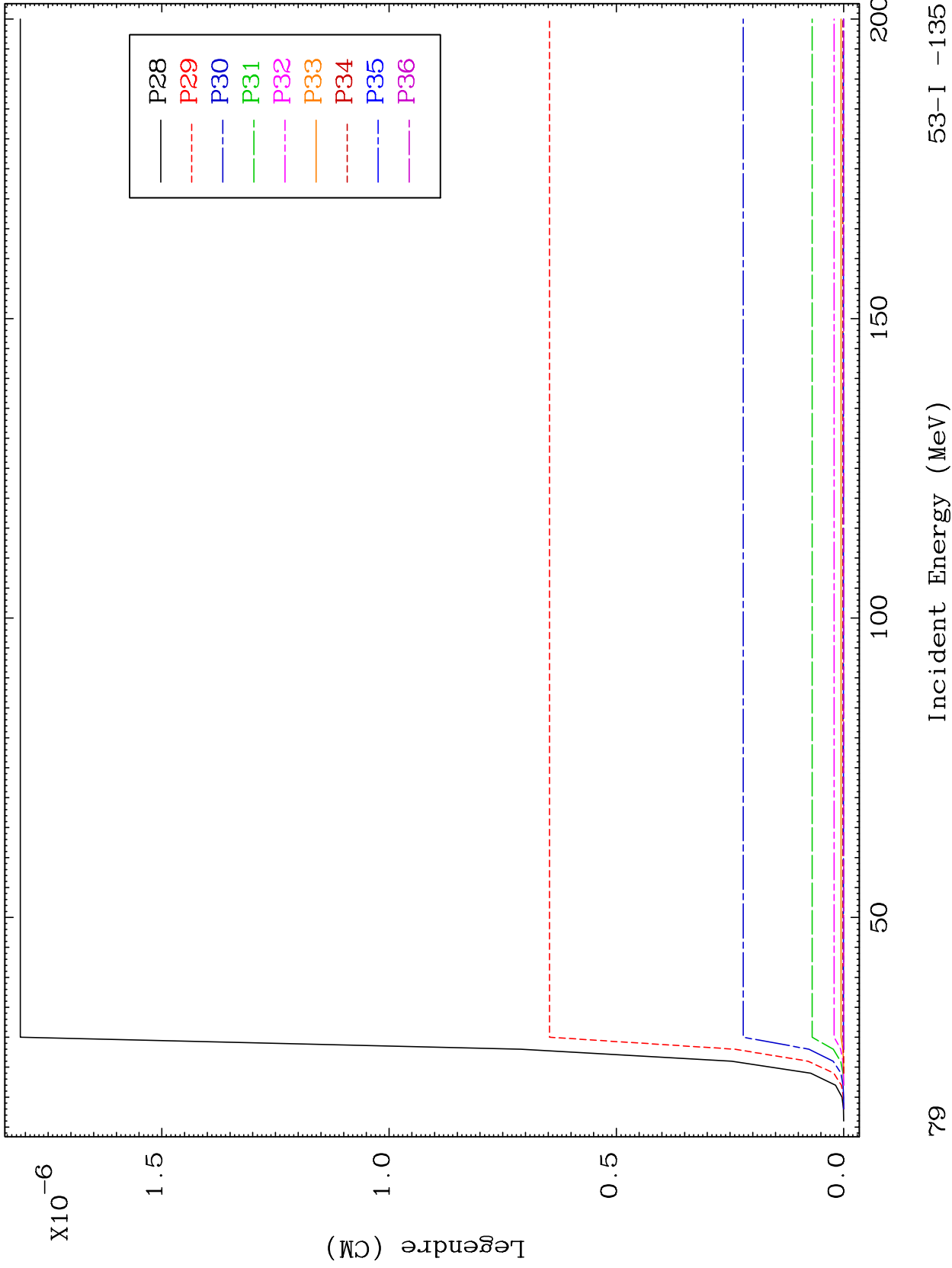
53-I -135



78

Incident Energy (MeV)

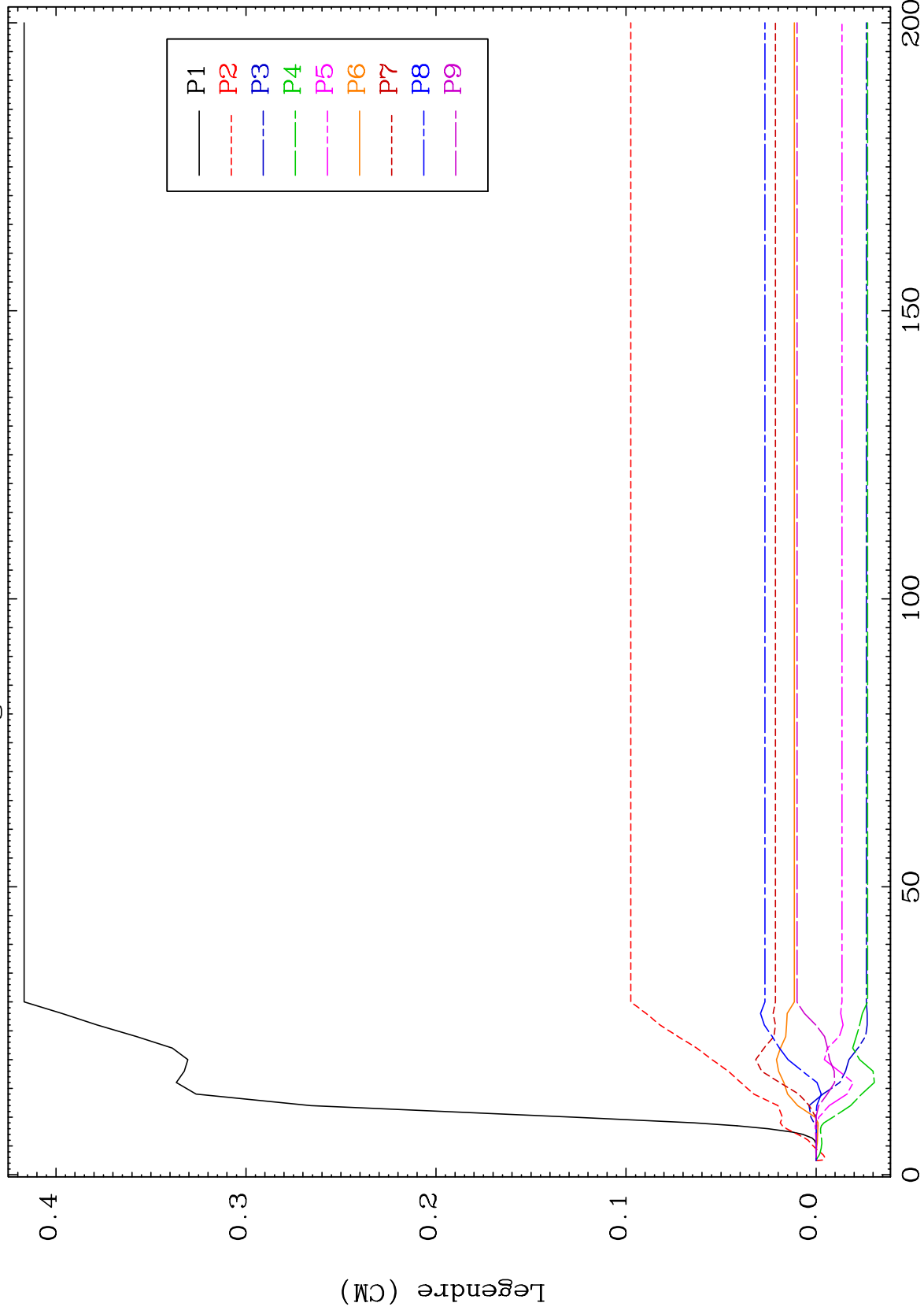
53-I -135



MAT 5349

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

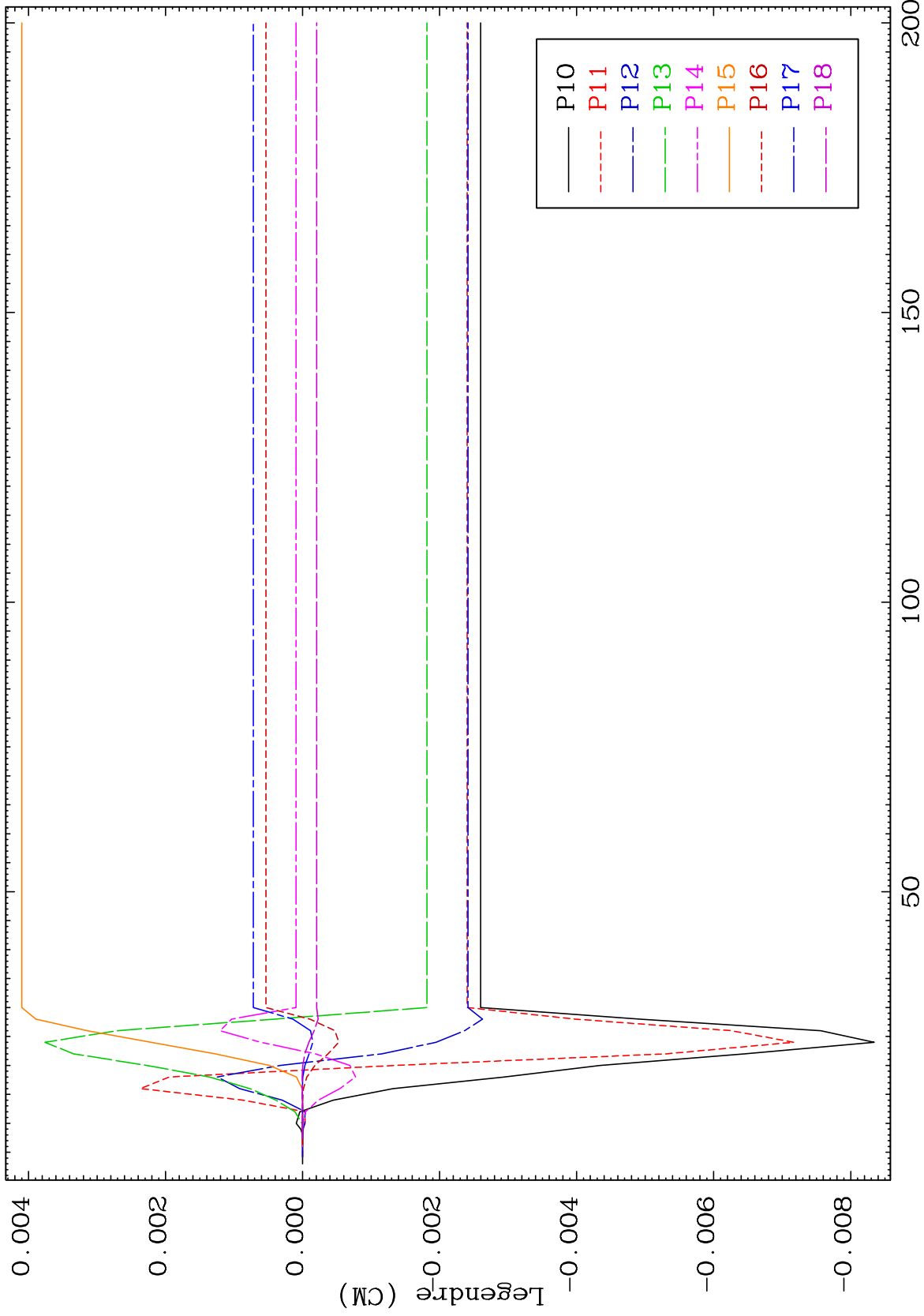
53-I -135

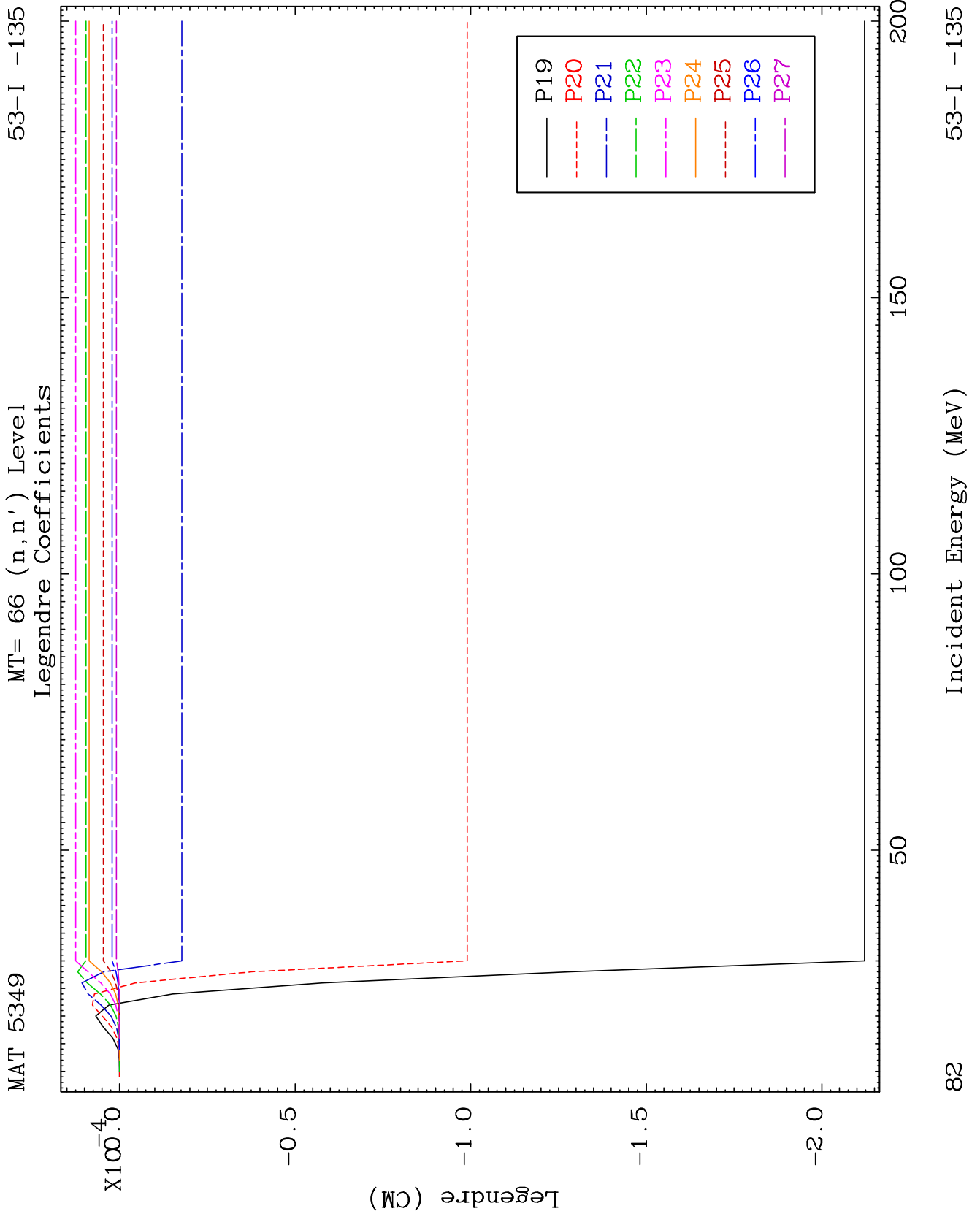


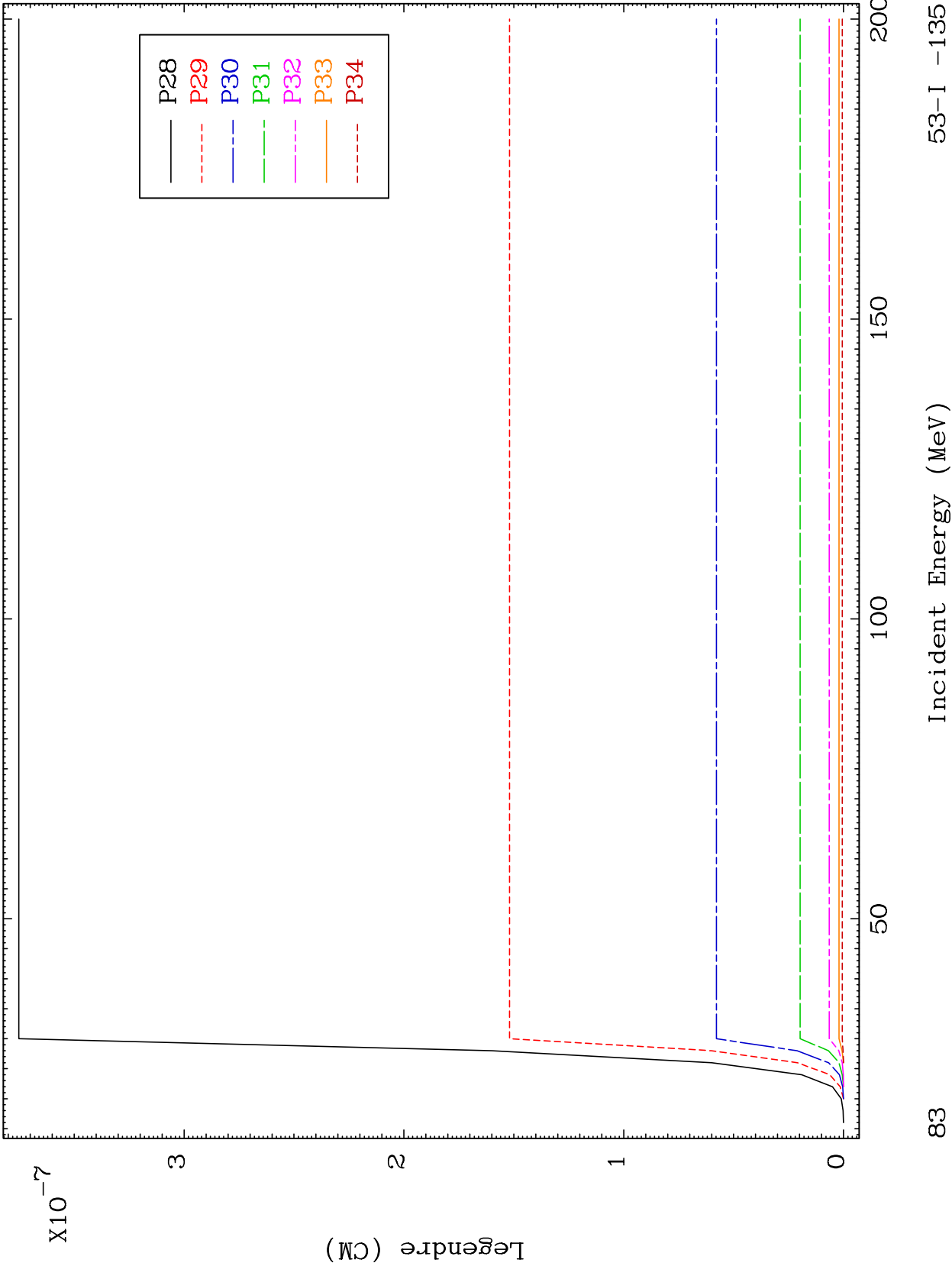
80

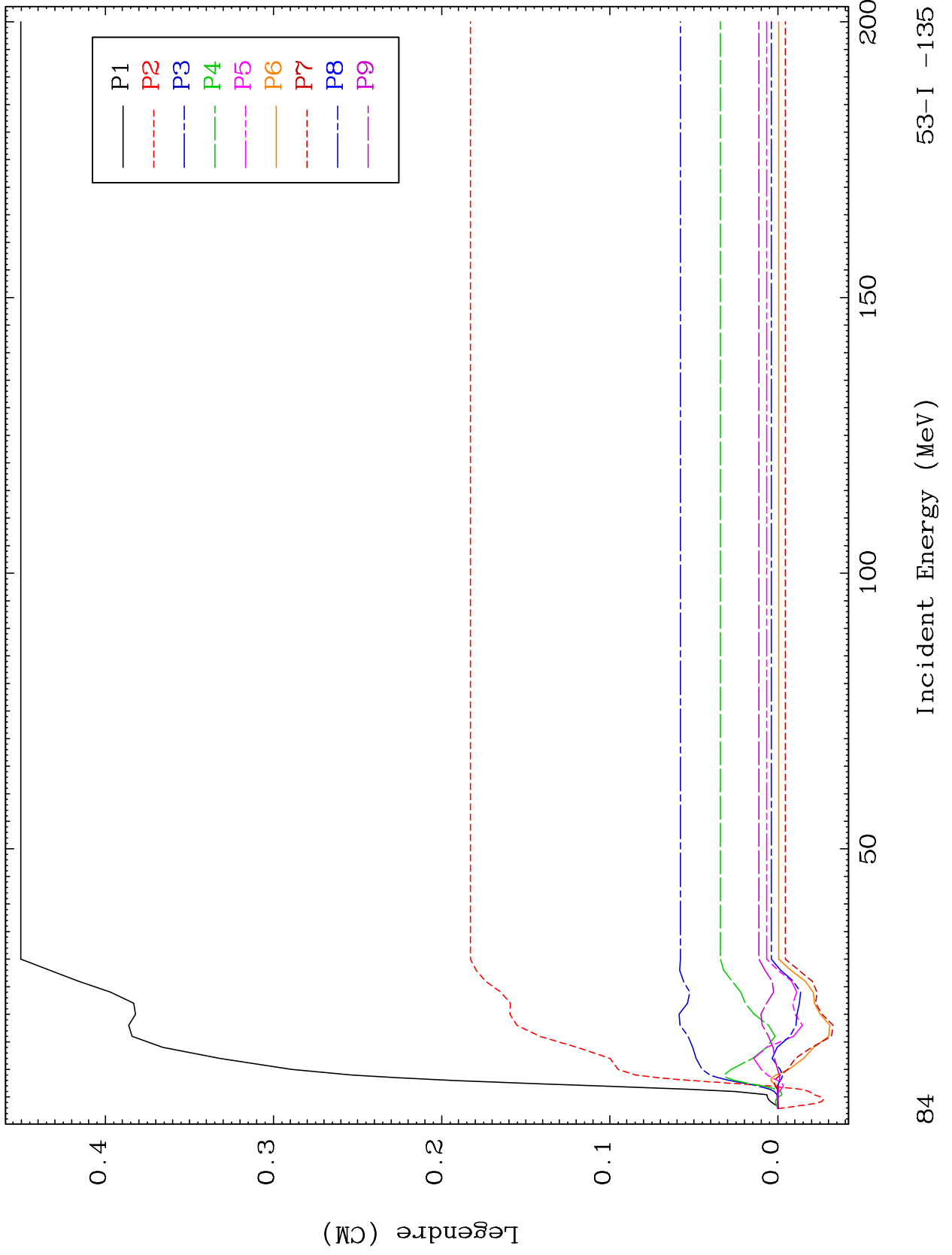
Incident Energy (MeV)

53-I -135





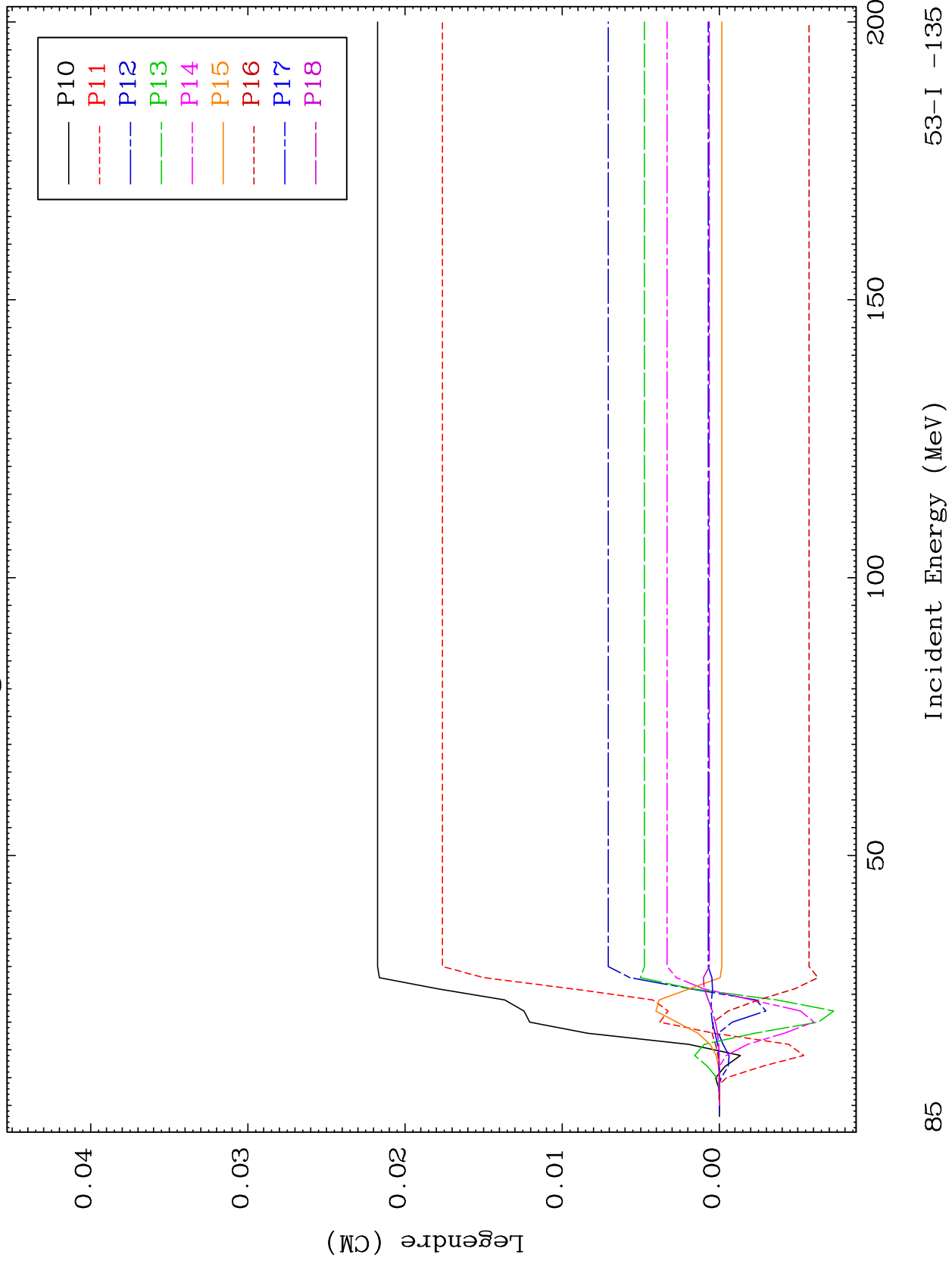




MAT 5349

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

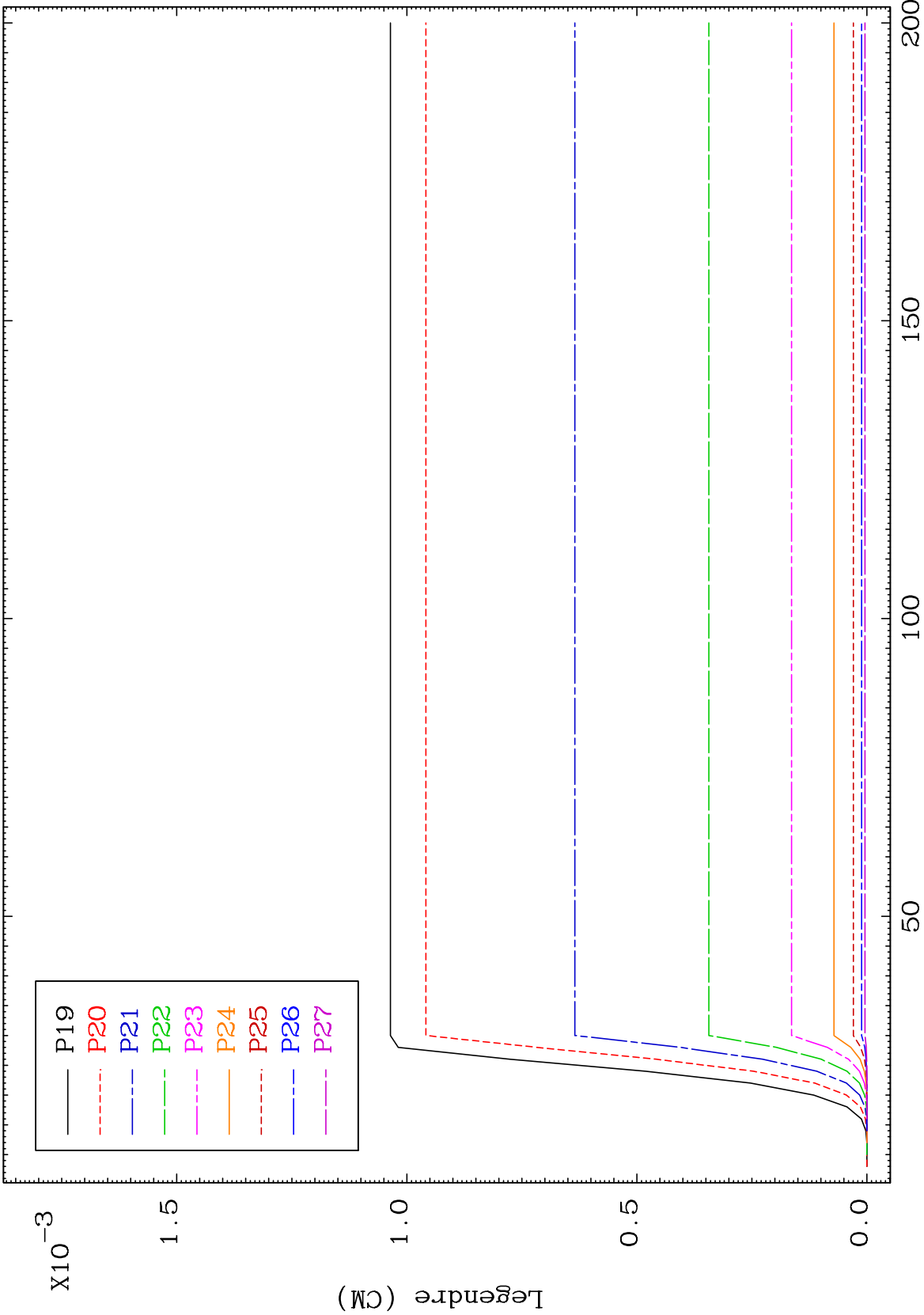
53-I -135



85

Incident Energy (MeV)

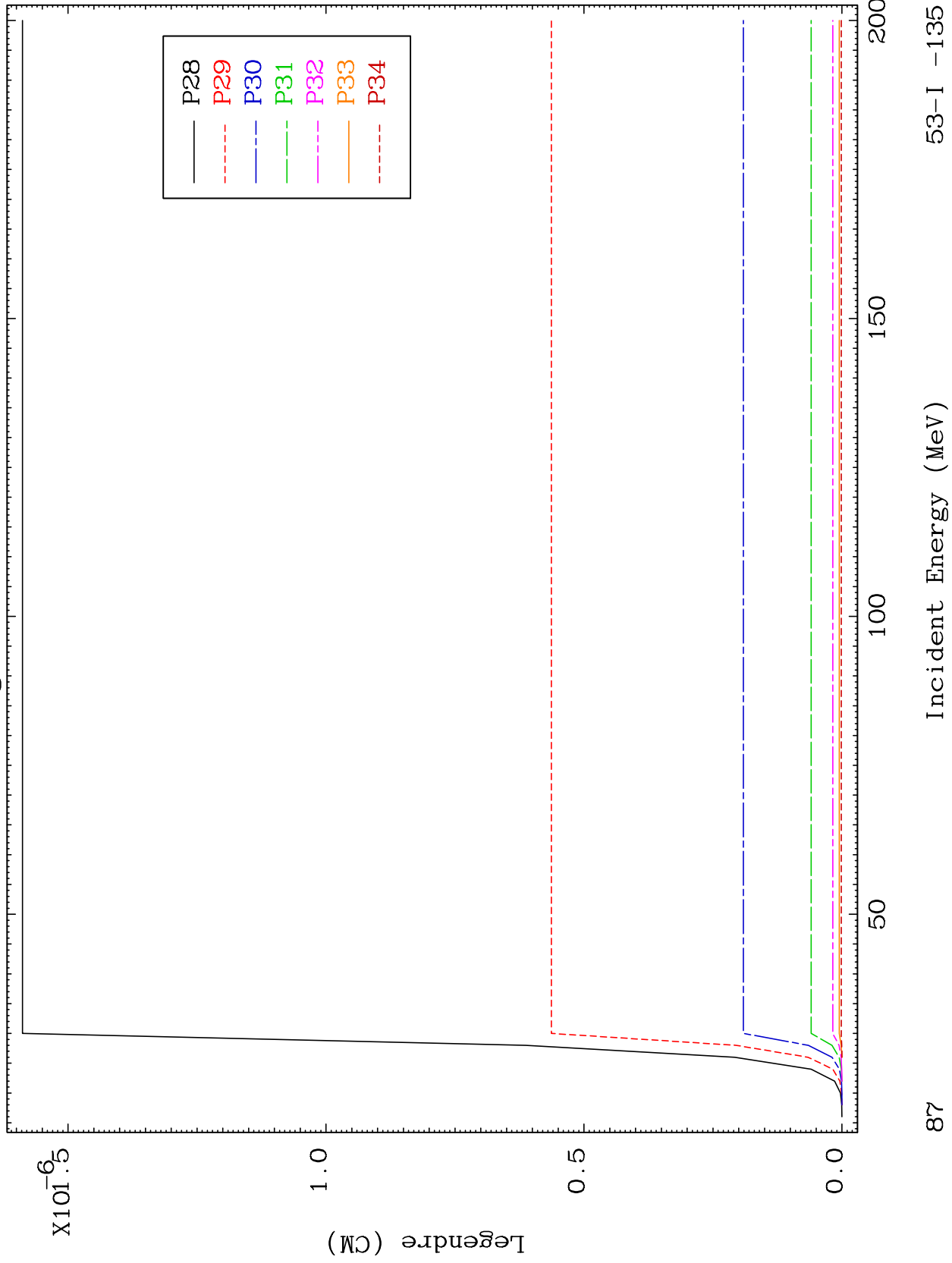
53-I -135



MAT 5349

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

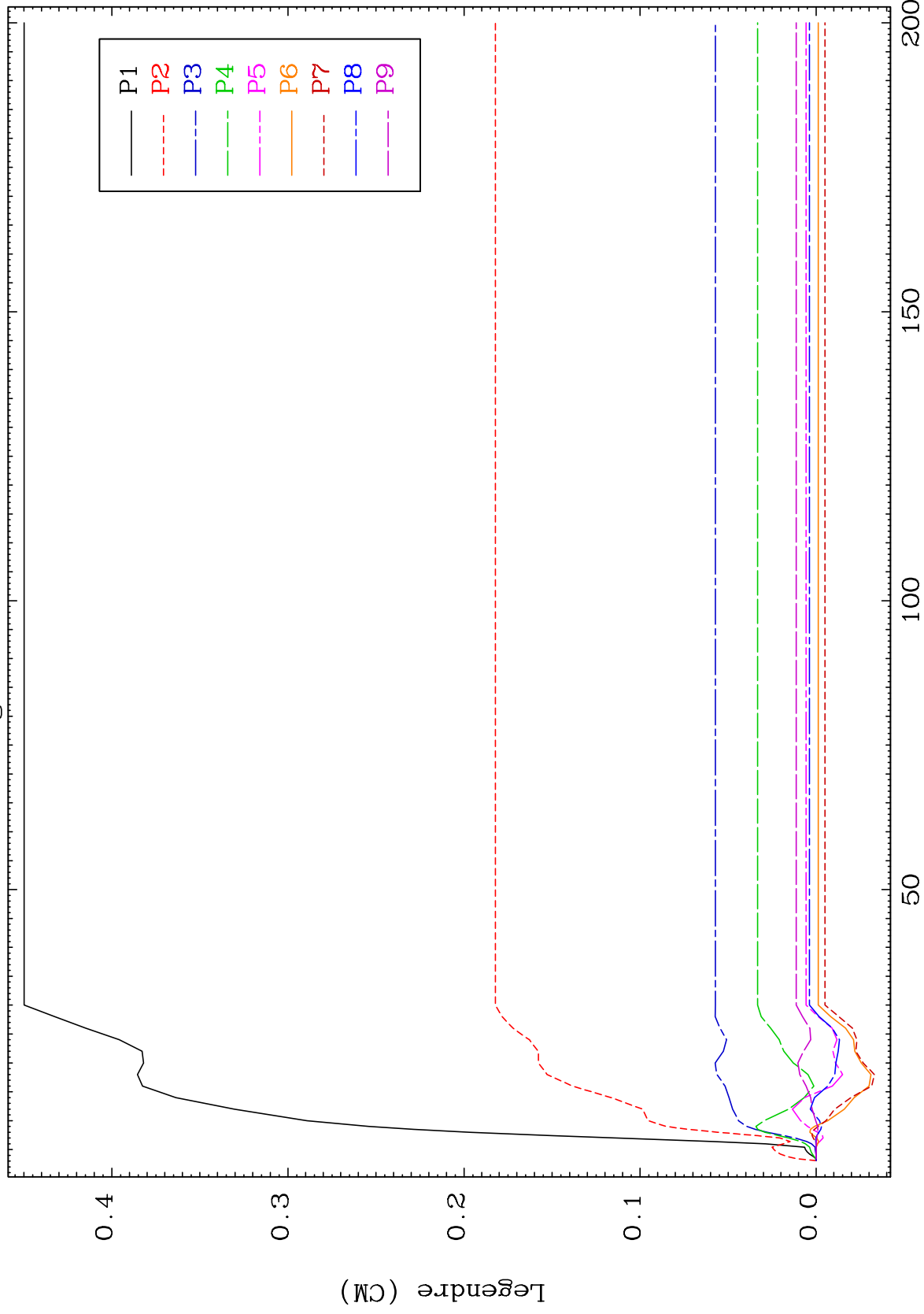
53-I -135

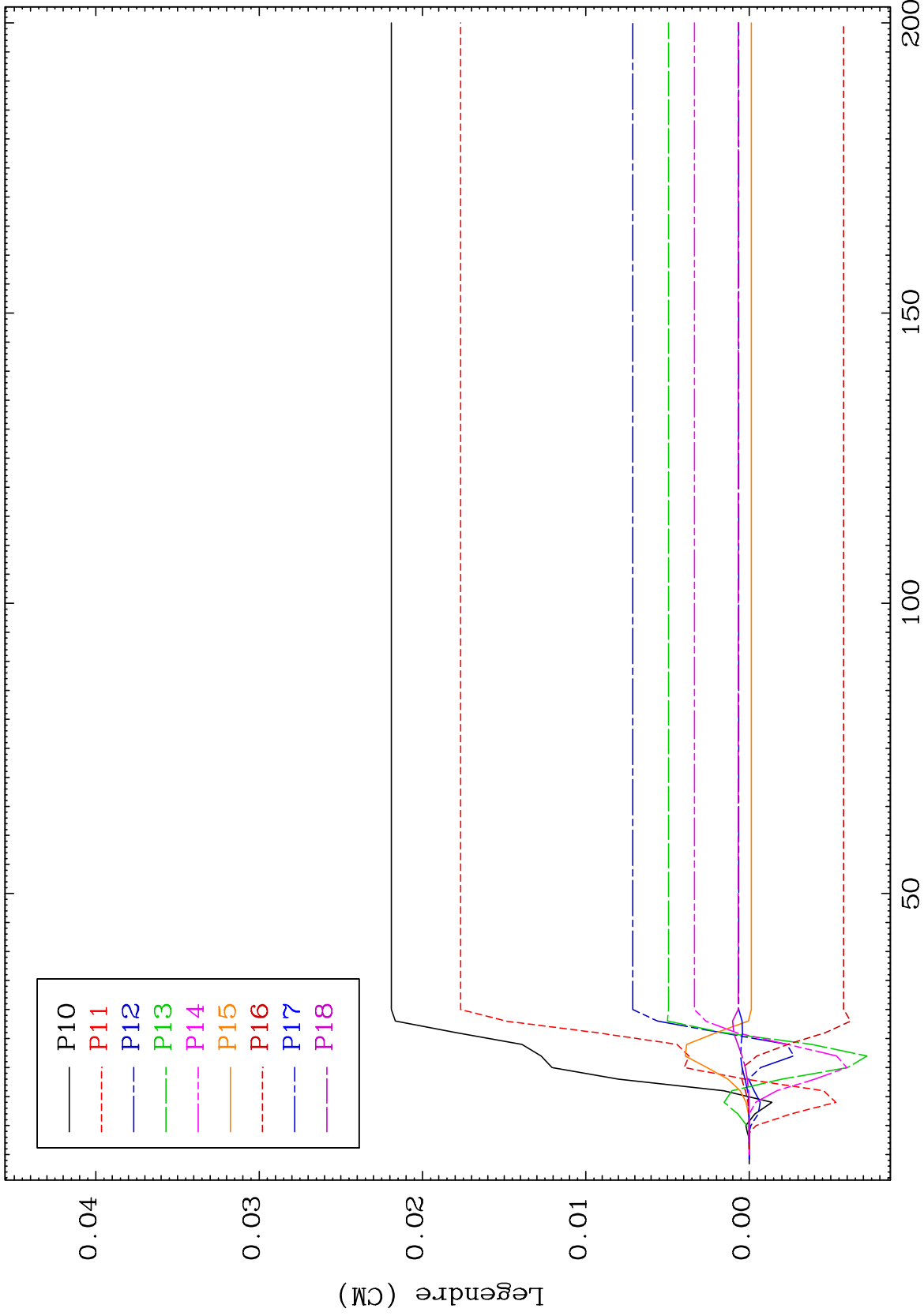


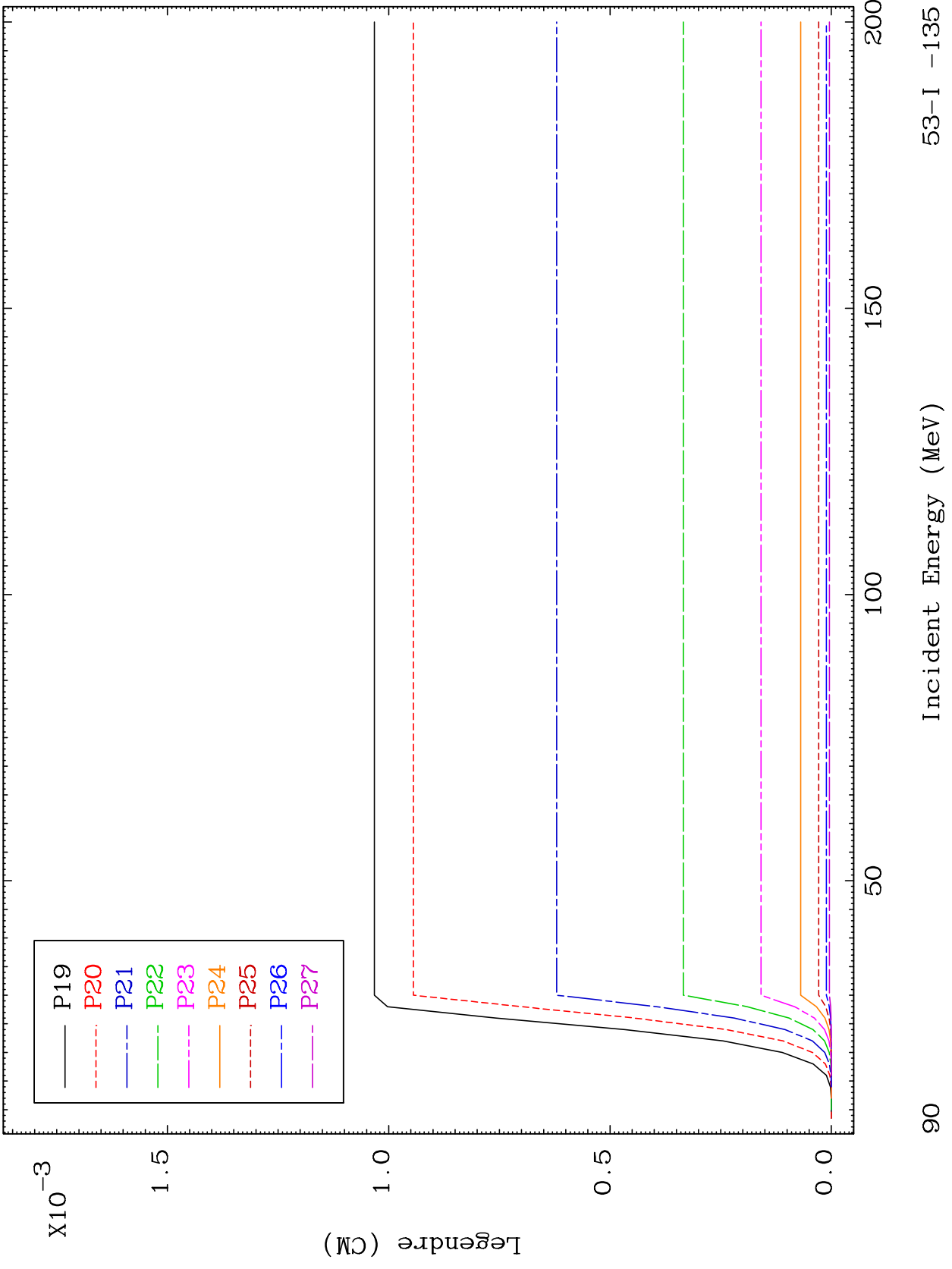
87

Incident Energy (MeV)

53-I -135



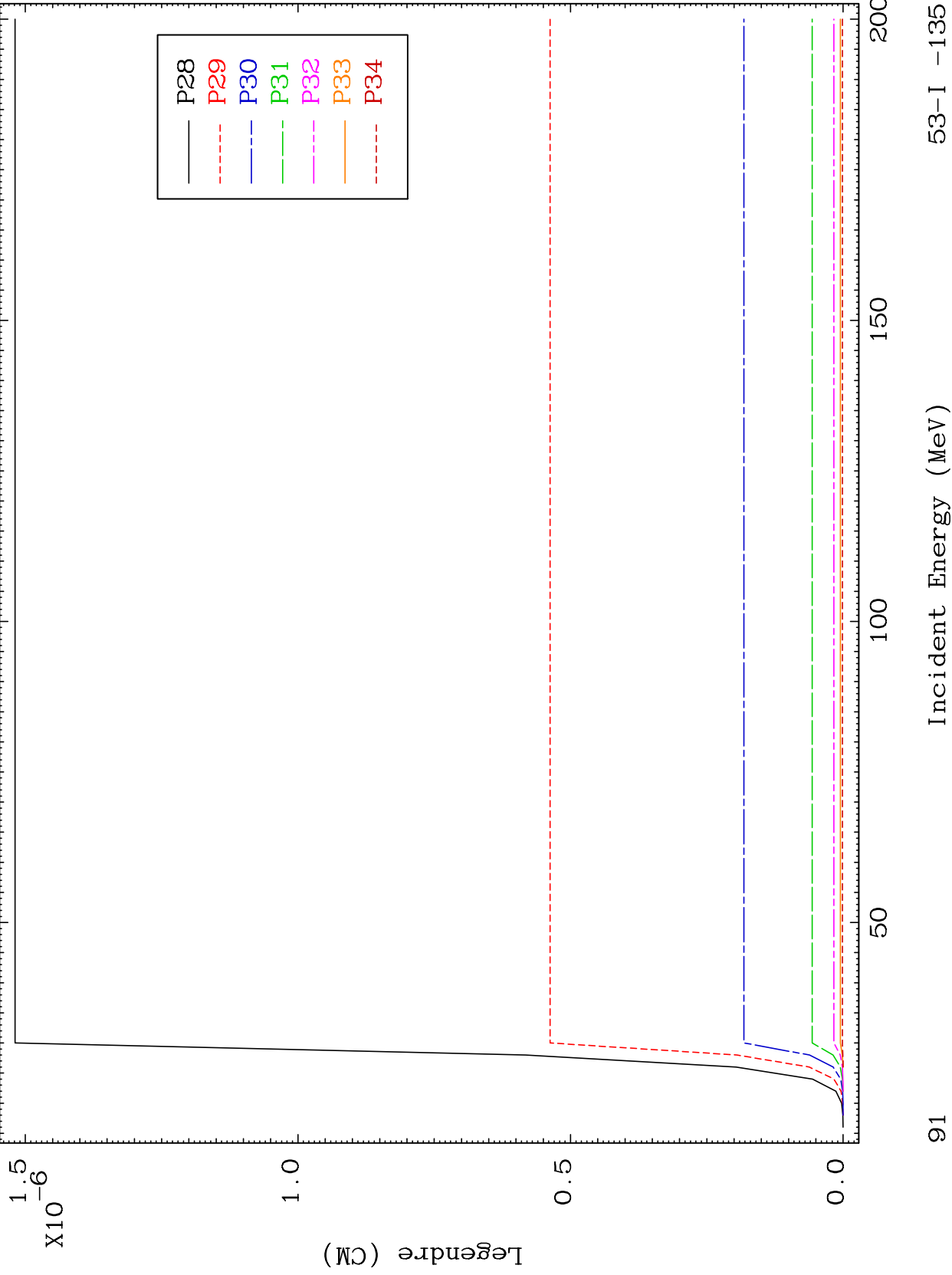




MAT 5349

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

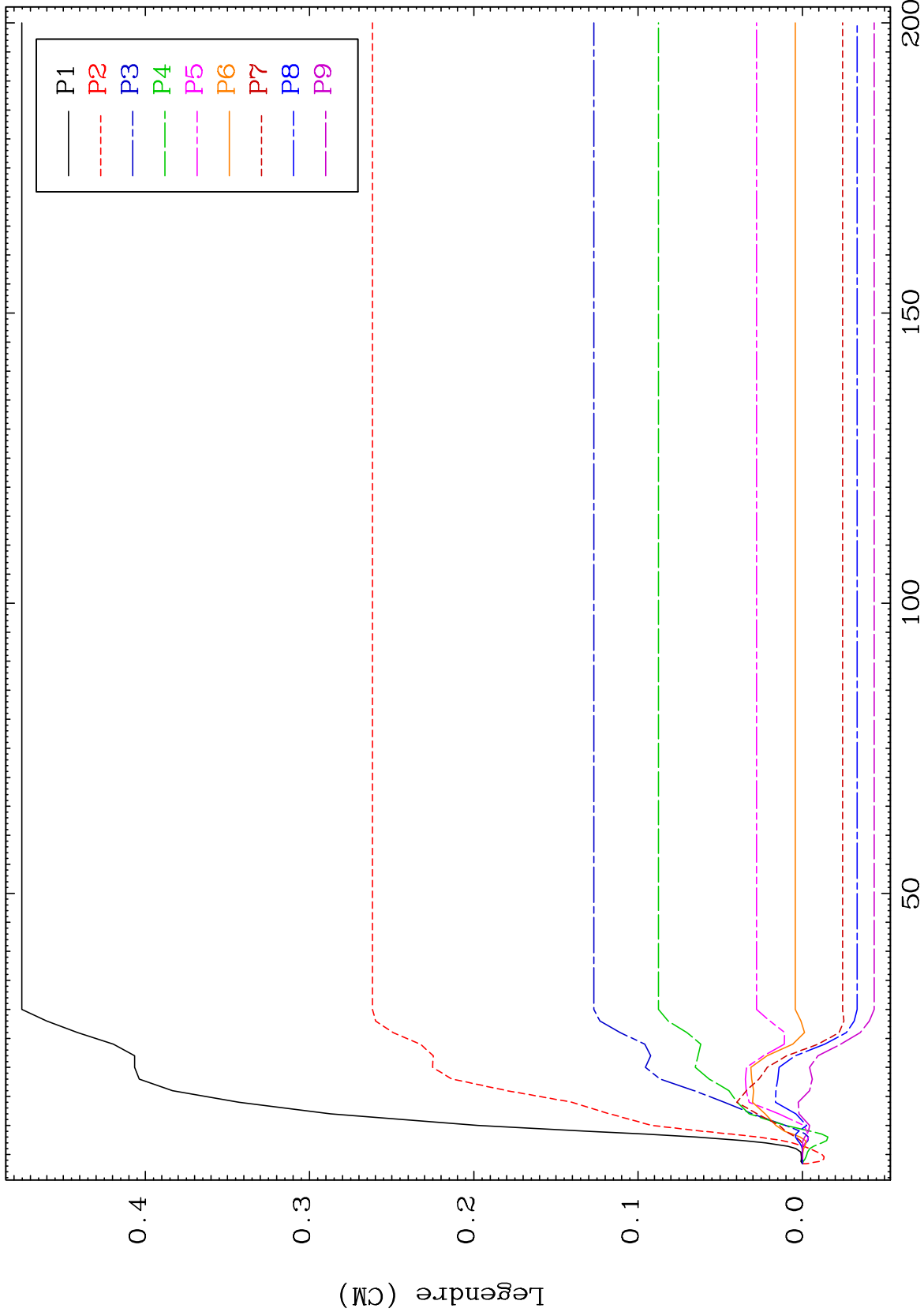
53-I -135



91

Incident Energy (MeV)

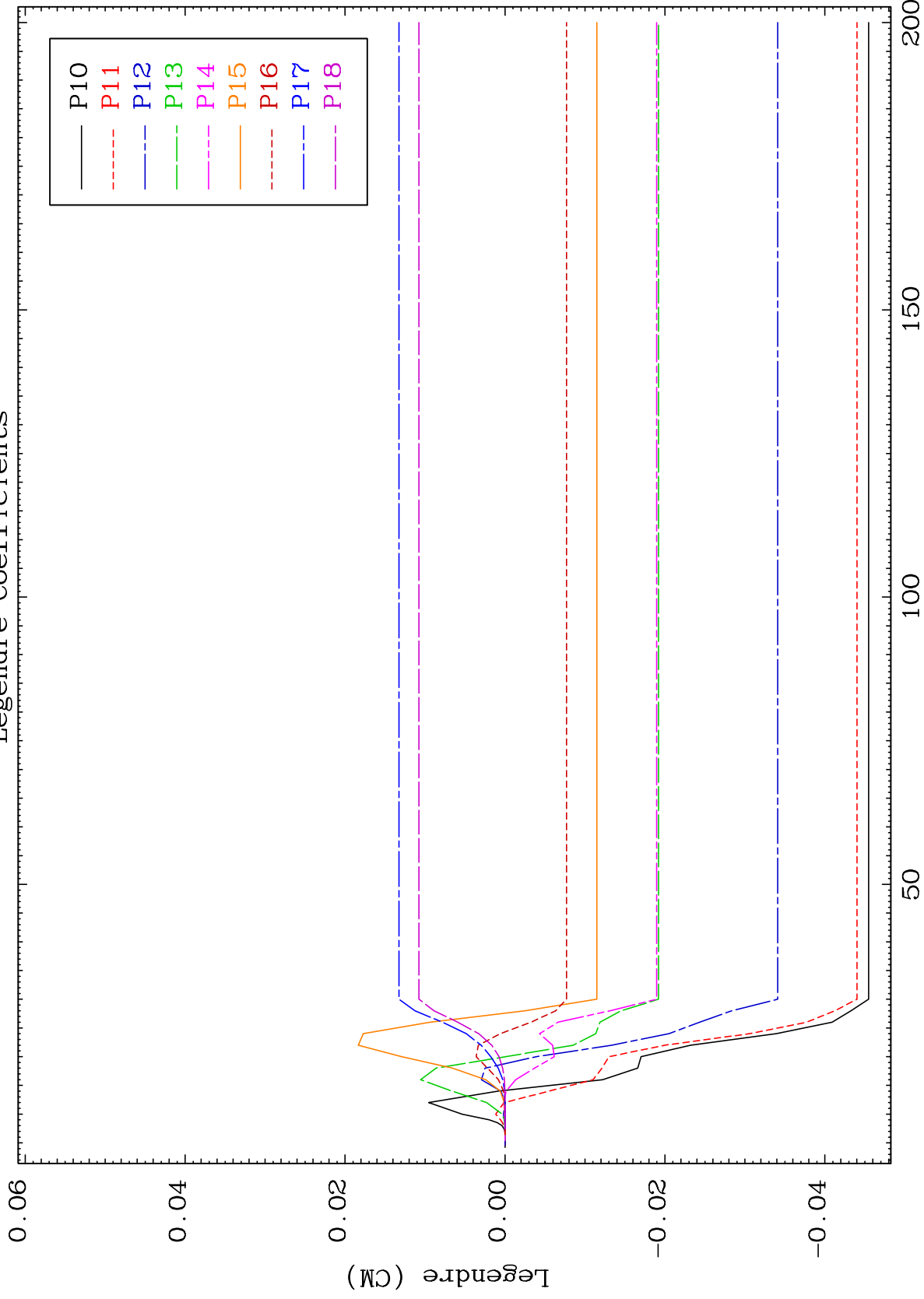
53-I -135



MAT 5349

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

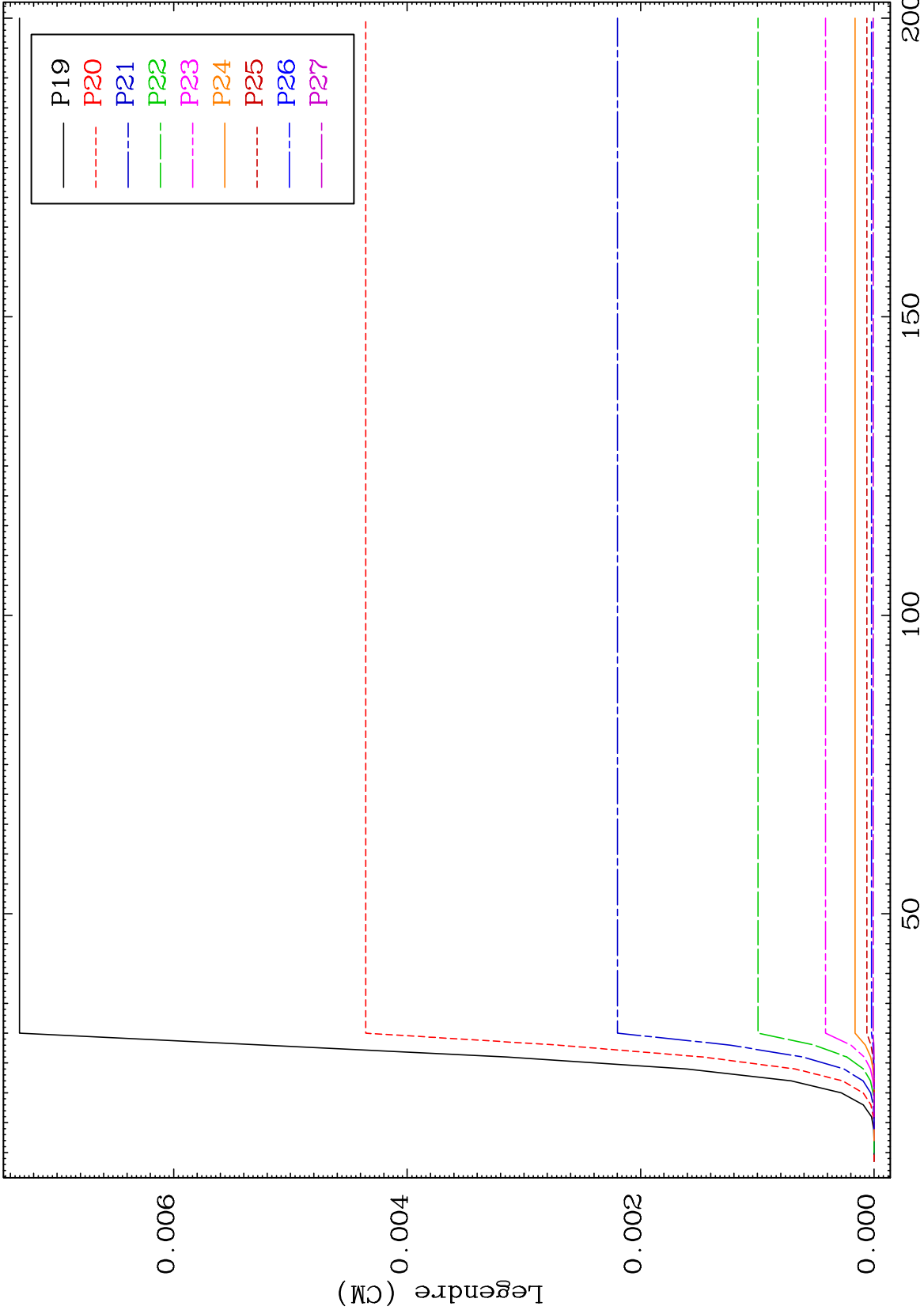
53-I -135



93

Incident Energy (MeV)

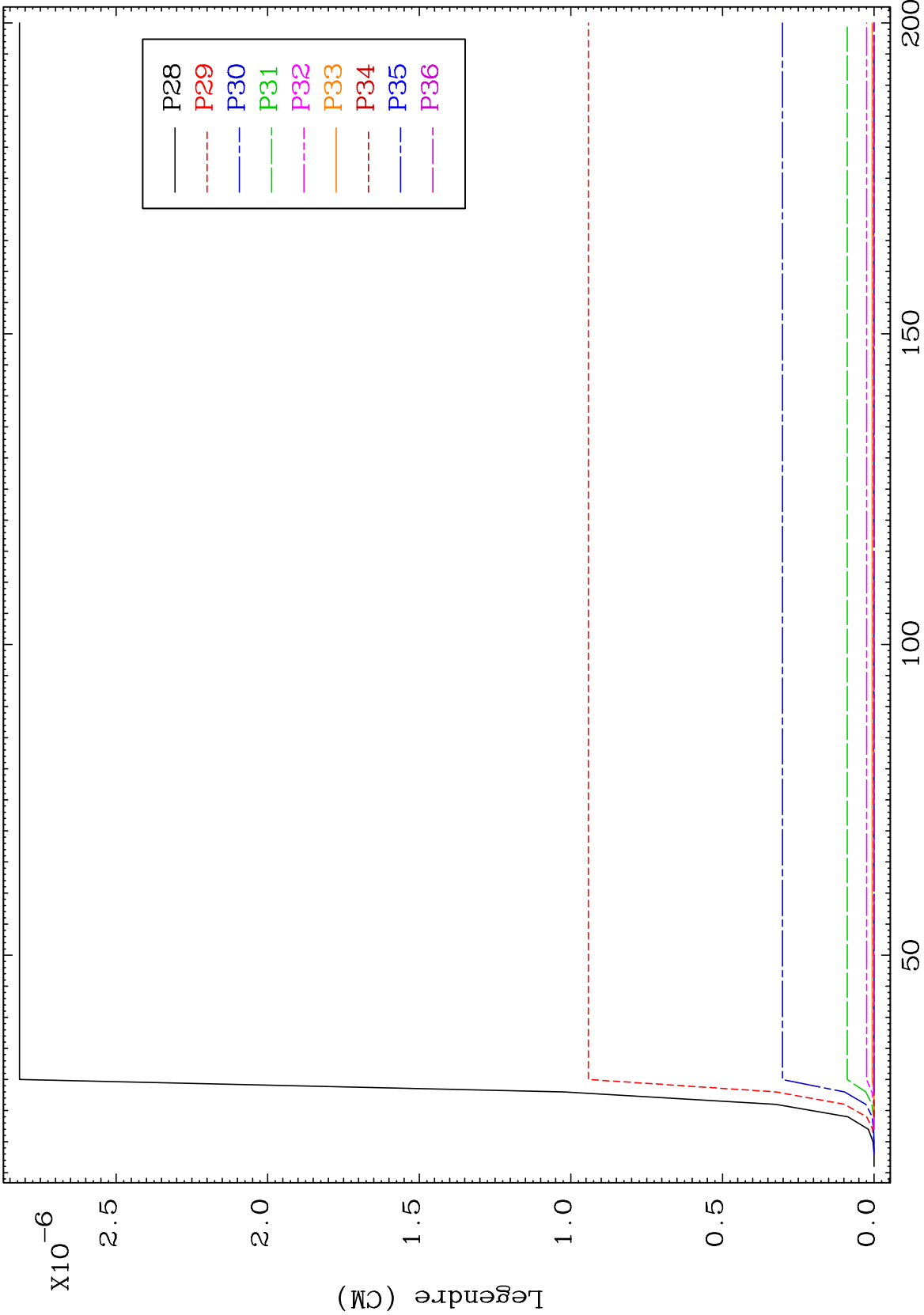
53-I -135



MAT 5349

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

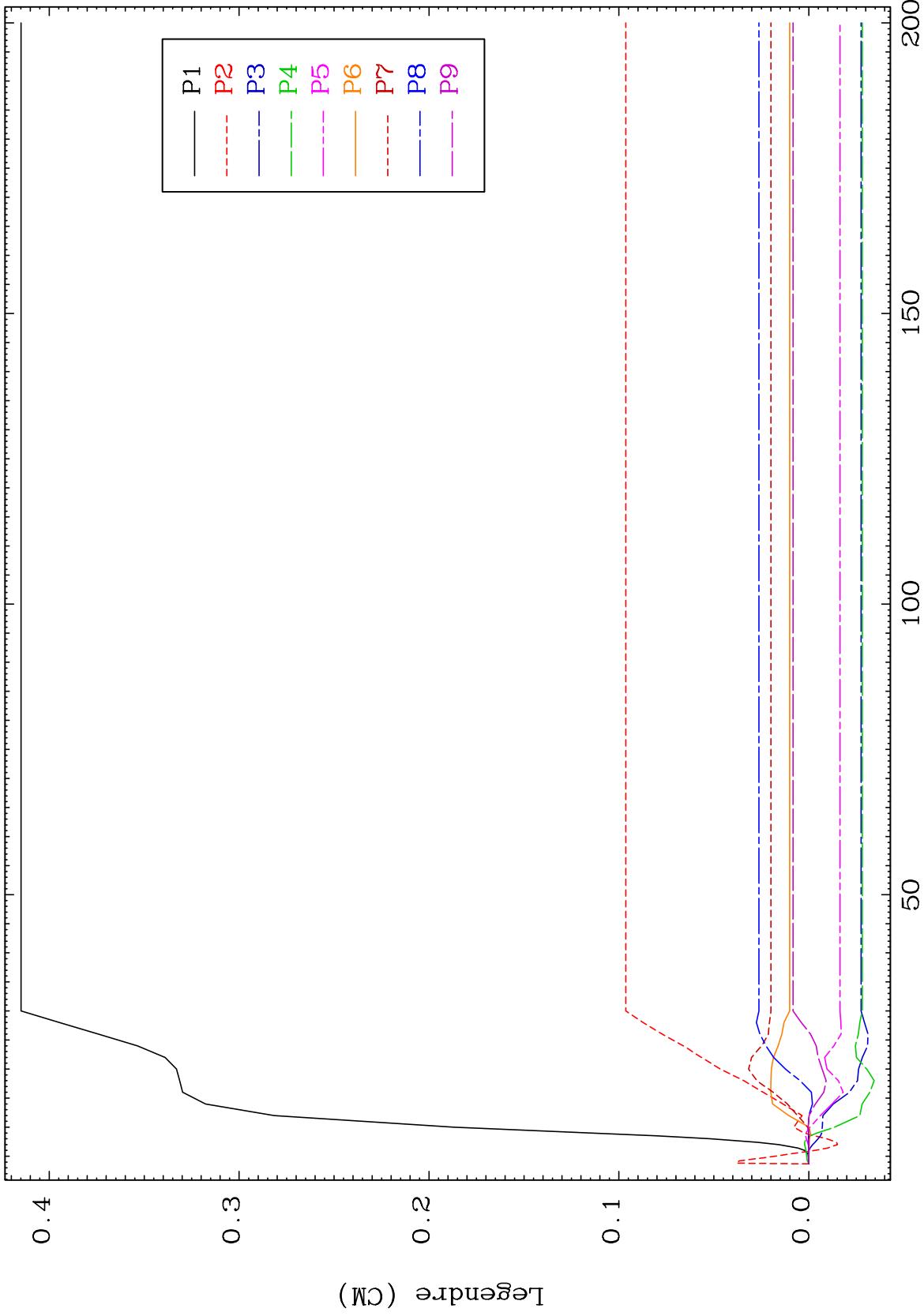
53-I -135

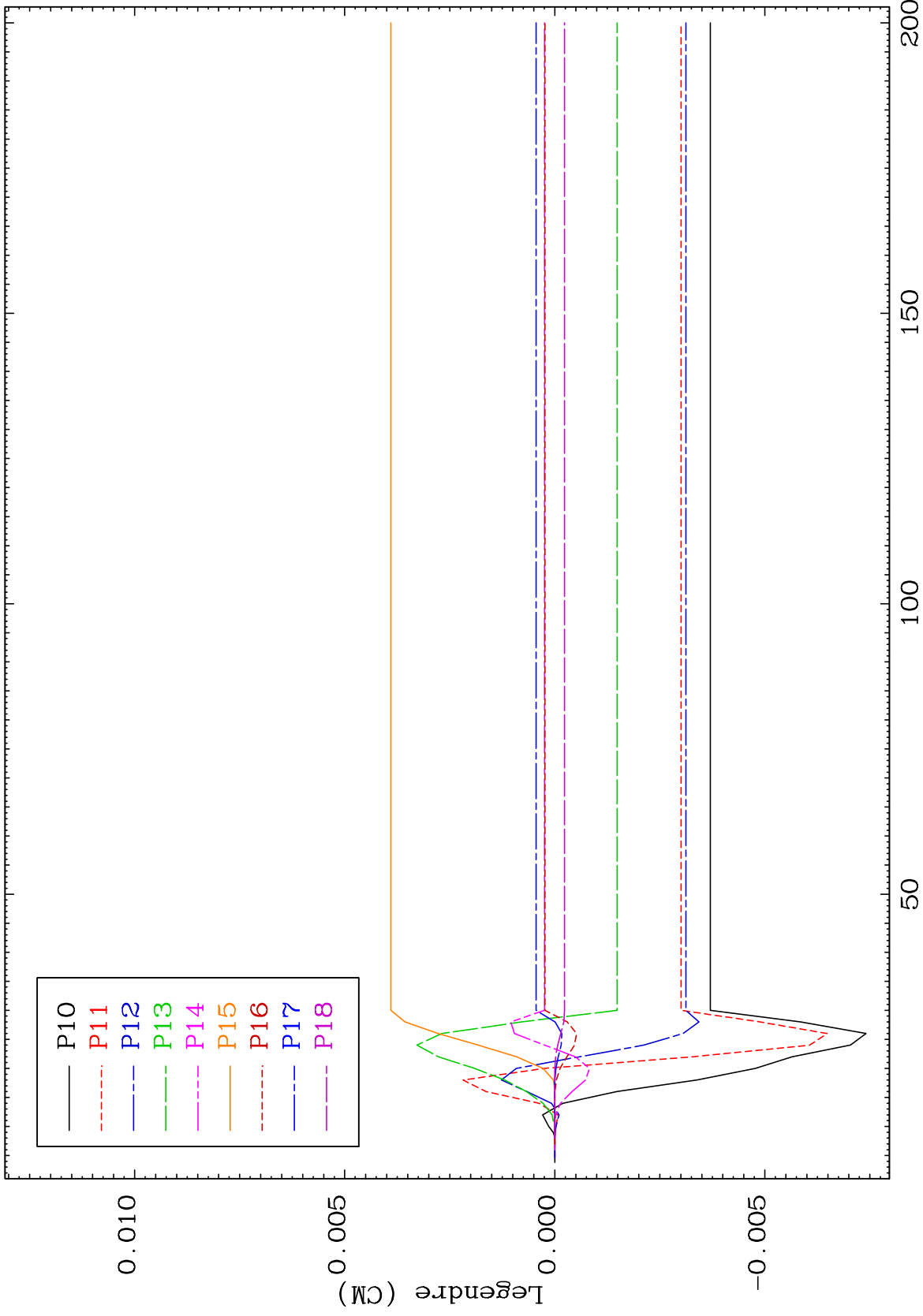


95

Incident Energy (MeV)

53-I -135

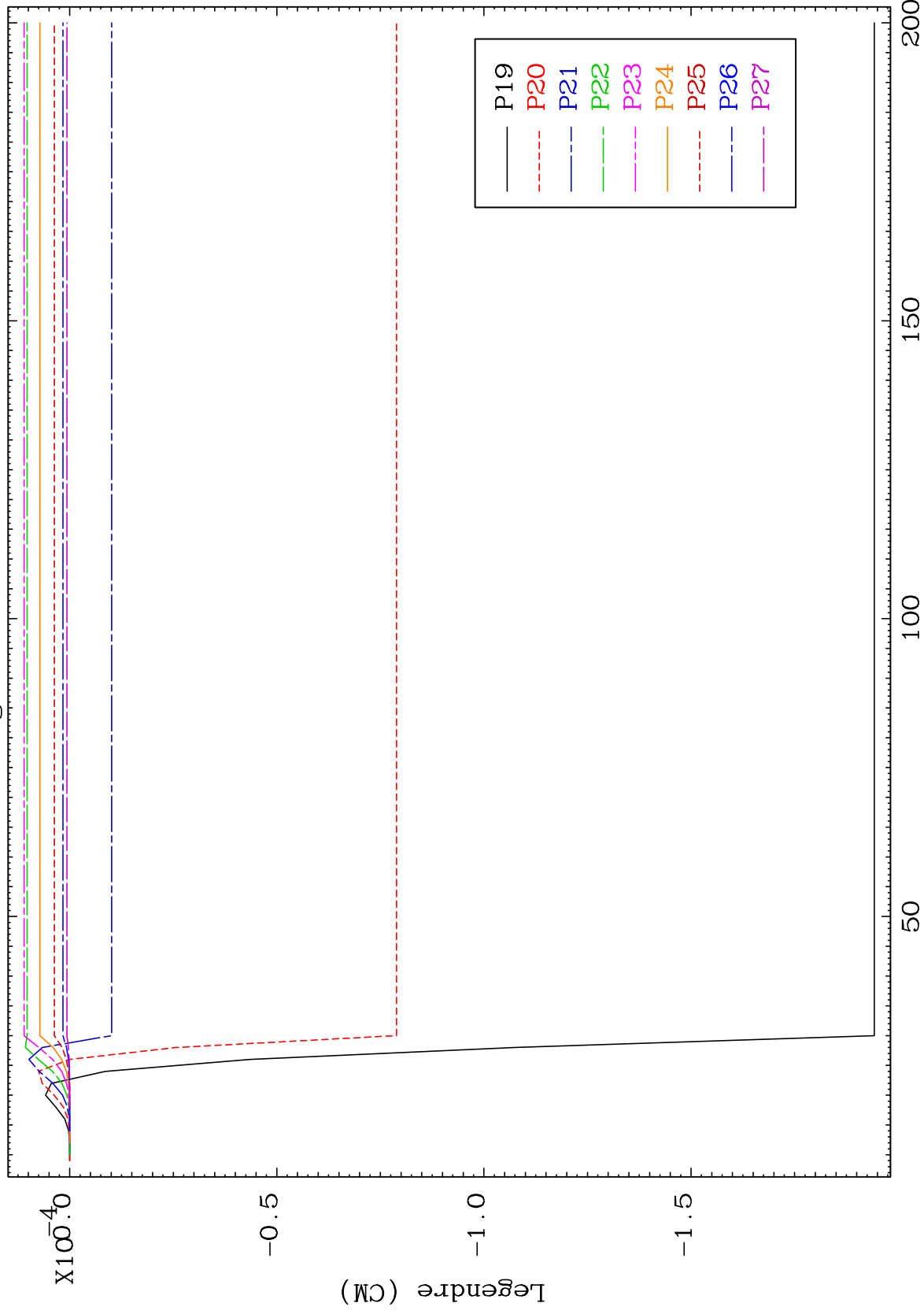




MAT 5349

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

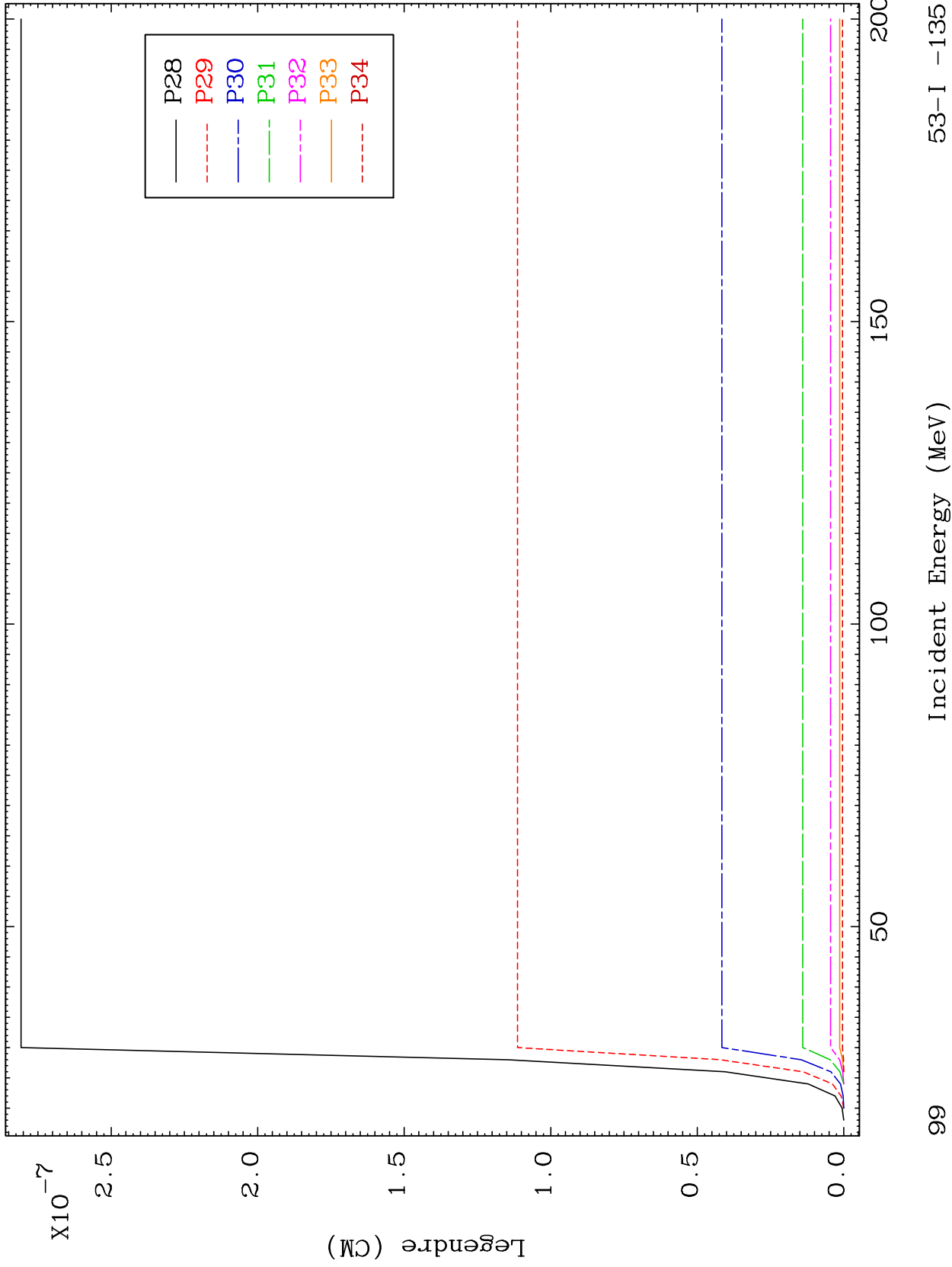
53-I -135



98

Incident Energy (MeV)

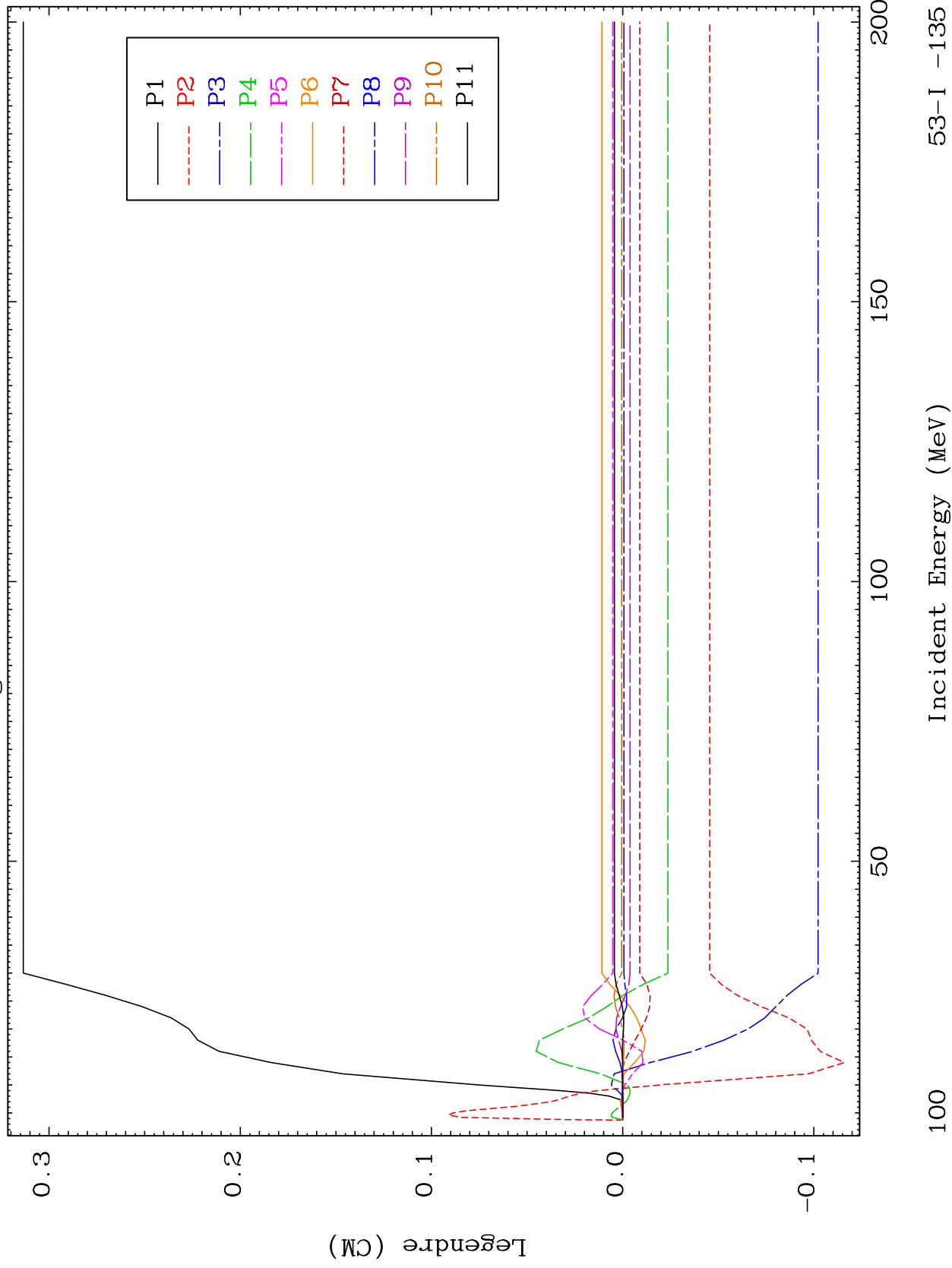
53-I -135



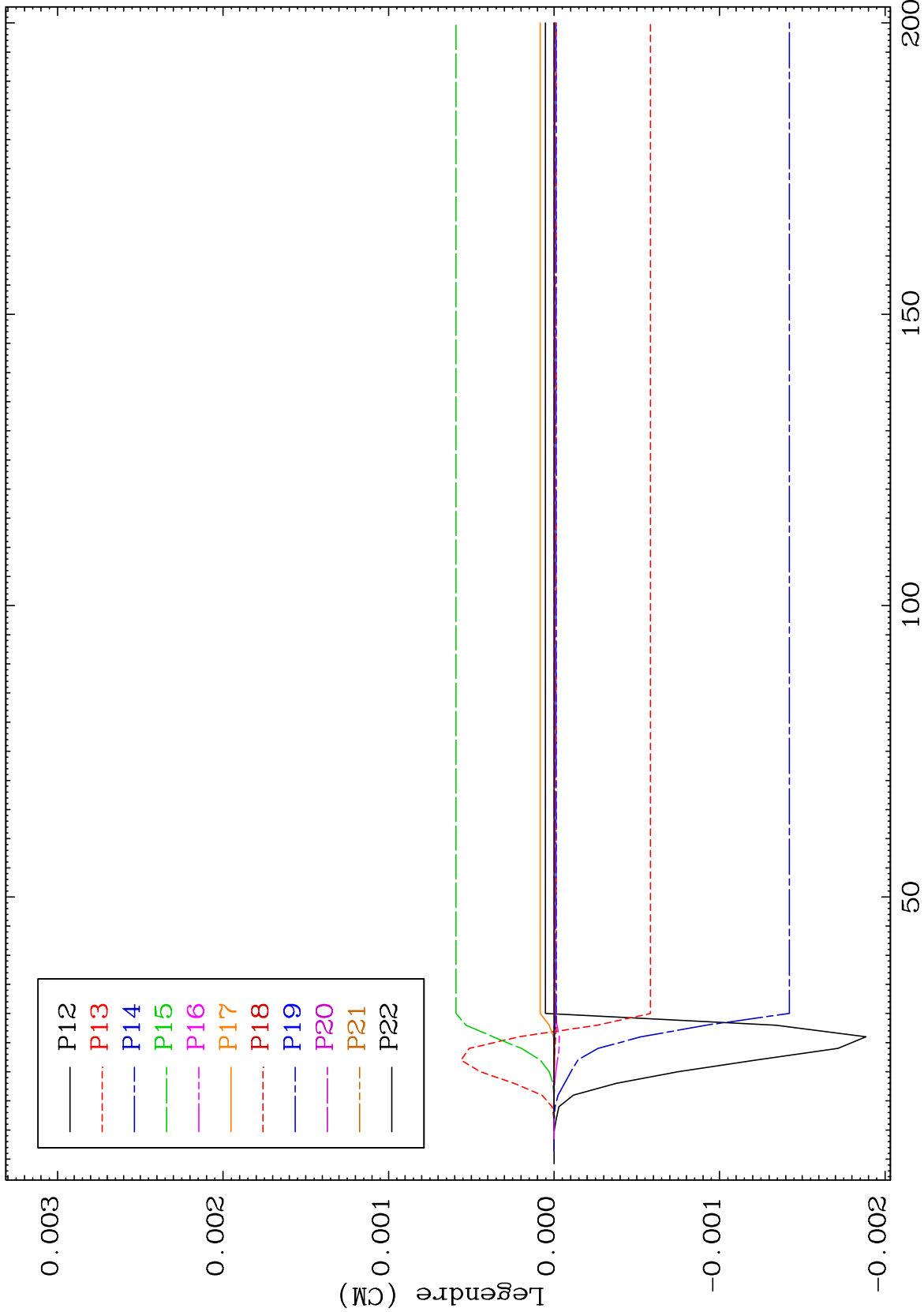
MAT 5349

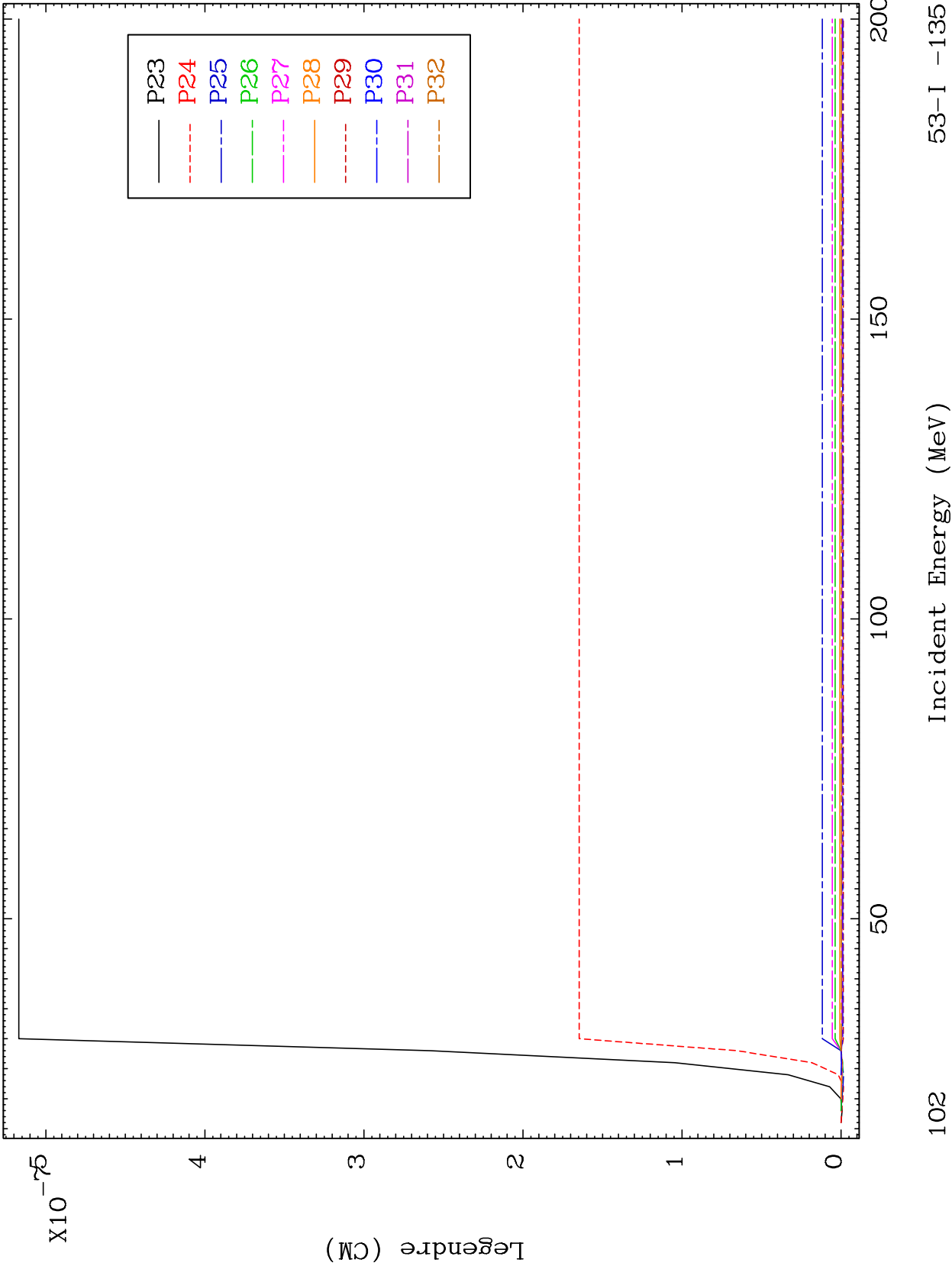
MT= 71 (n,n') Level
Legendre Coefficients

53-I -135



53-I -135

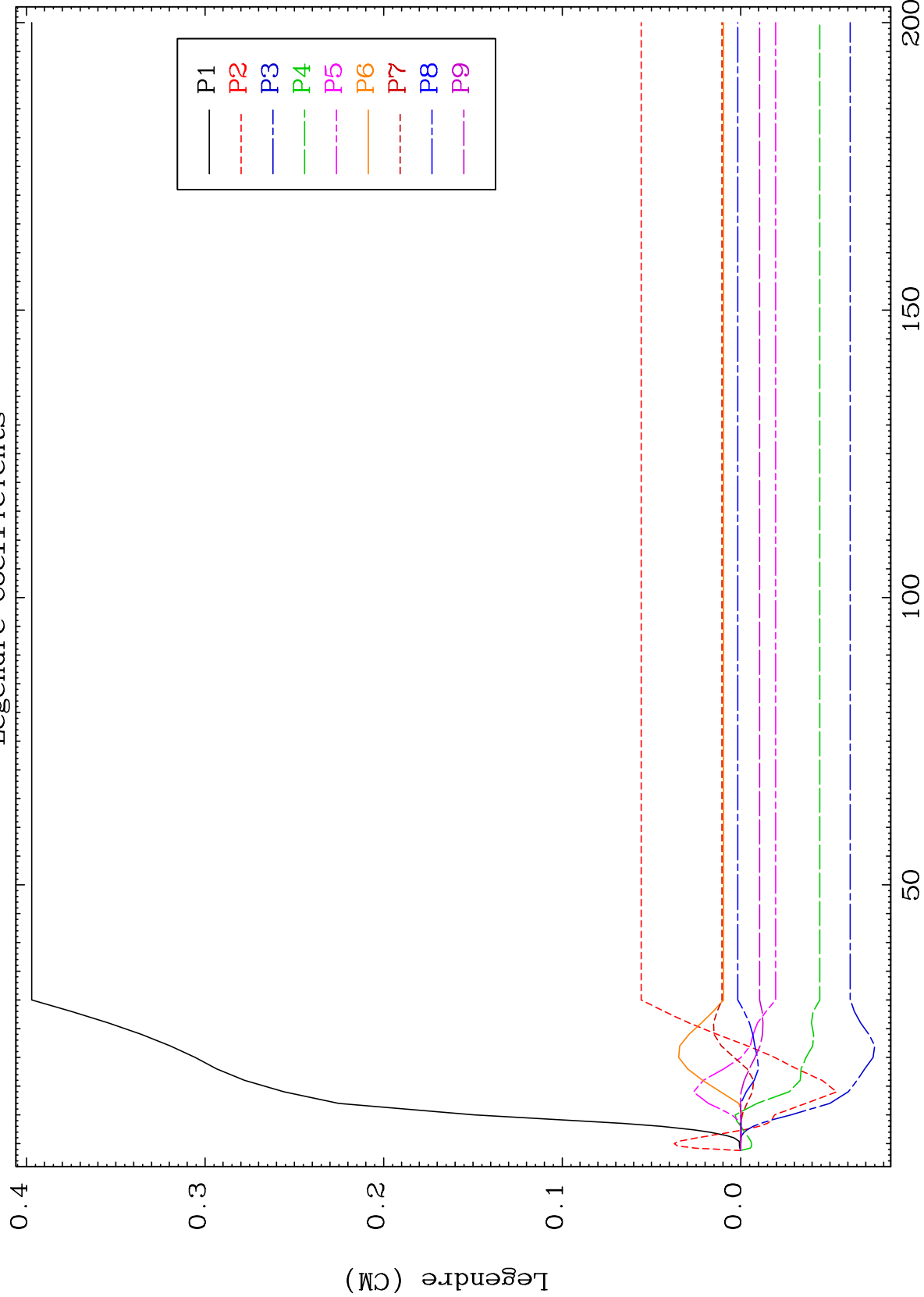




MAT 5349

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

53-I -135



103

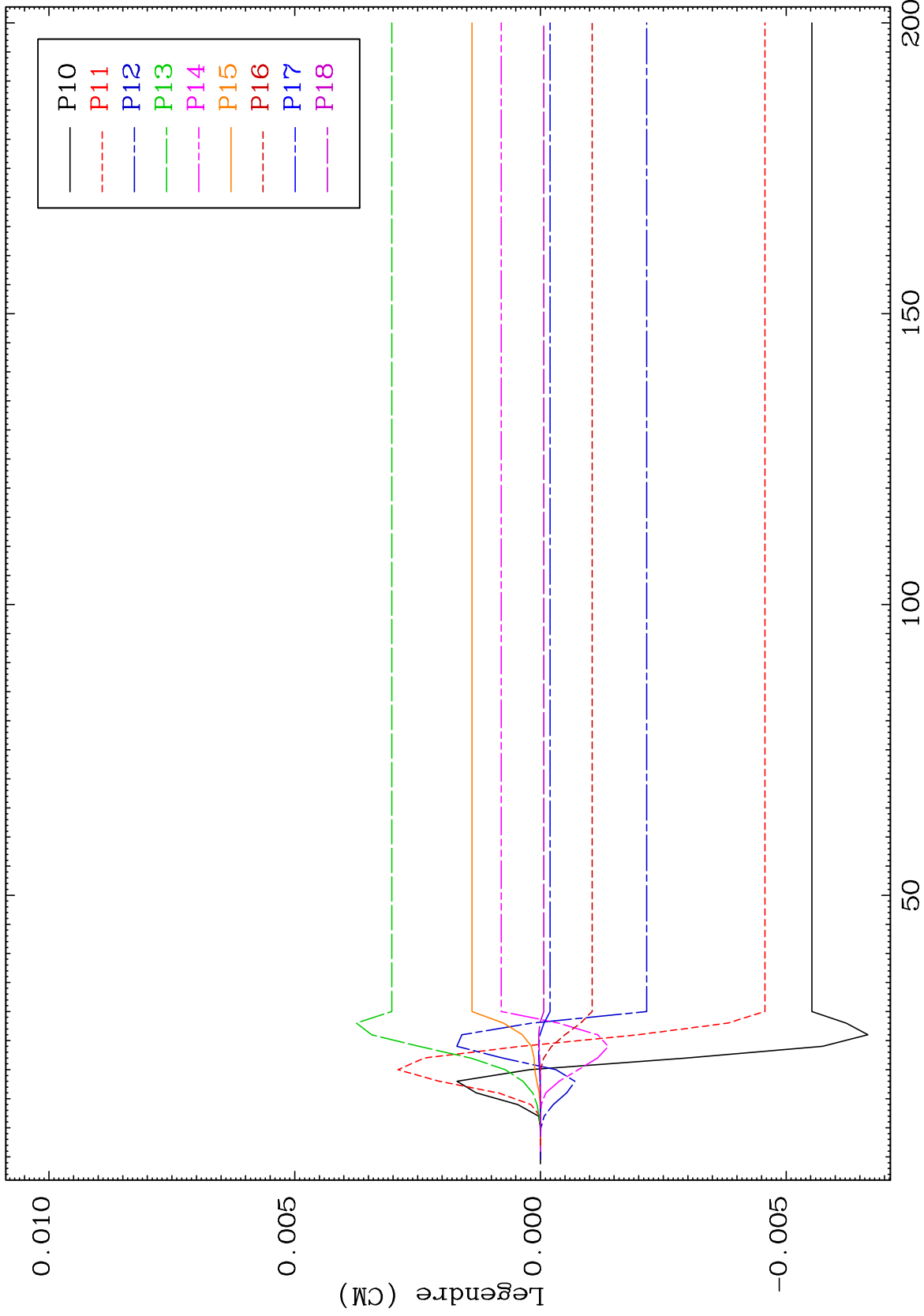
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



104

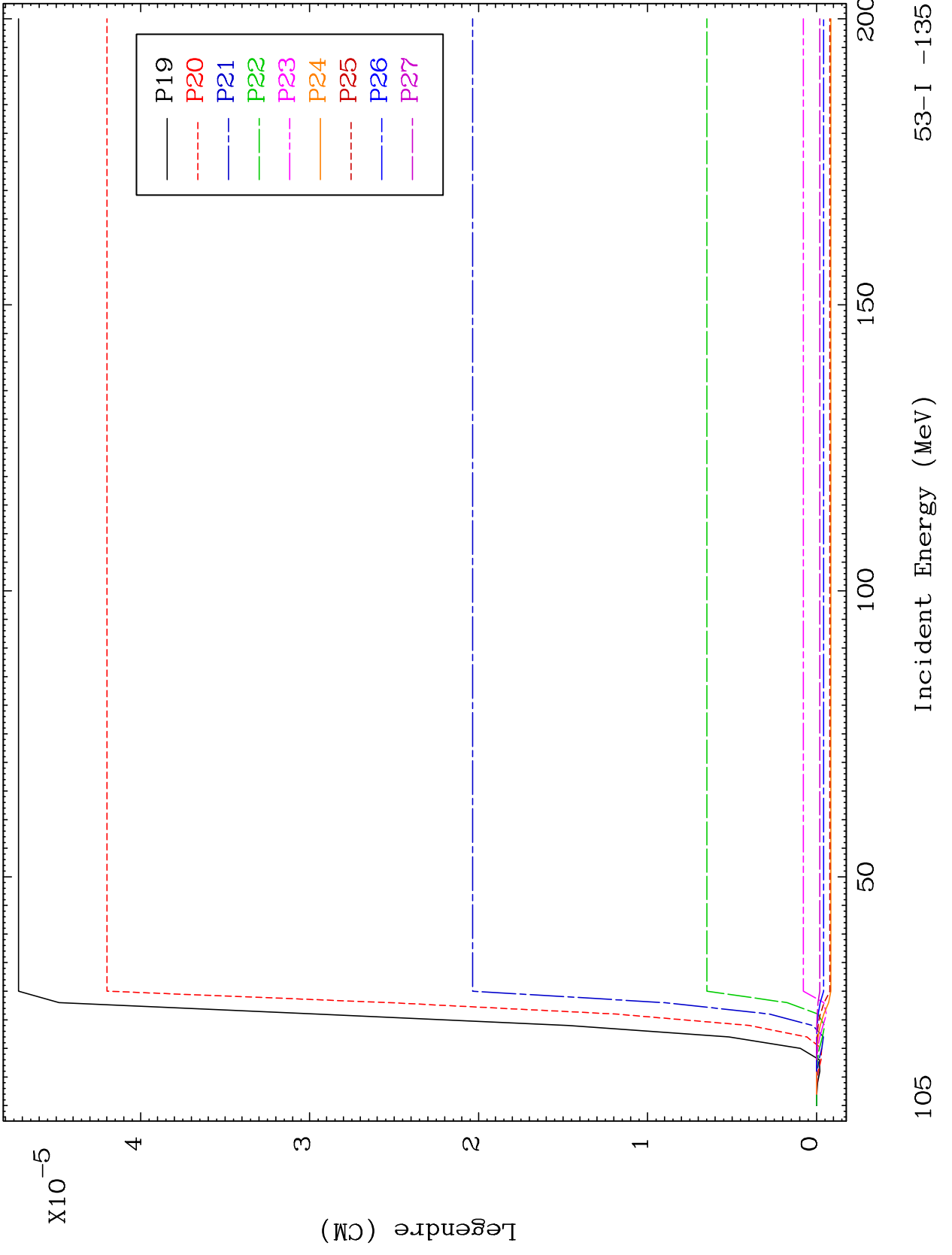
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



105

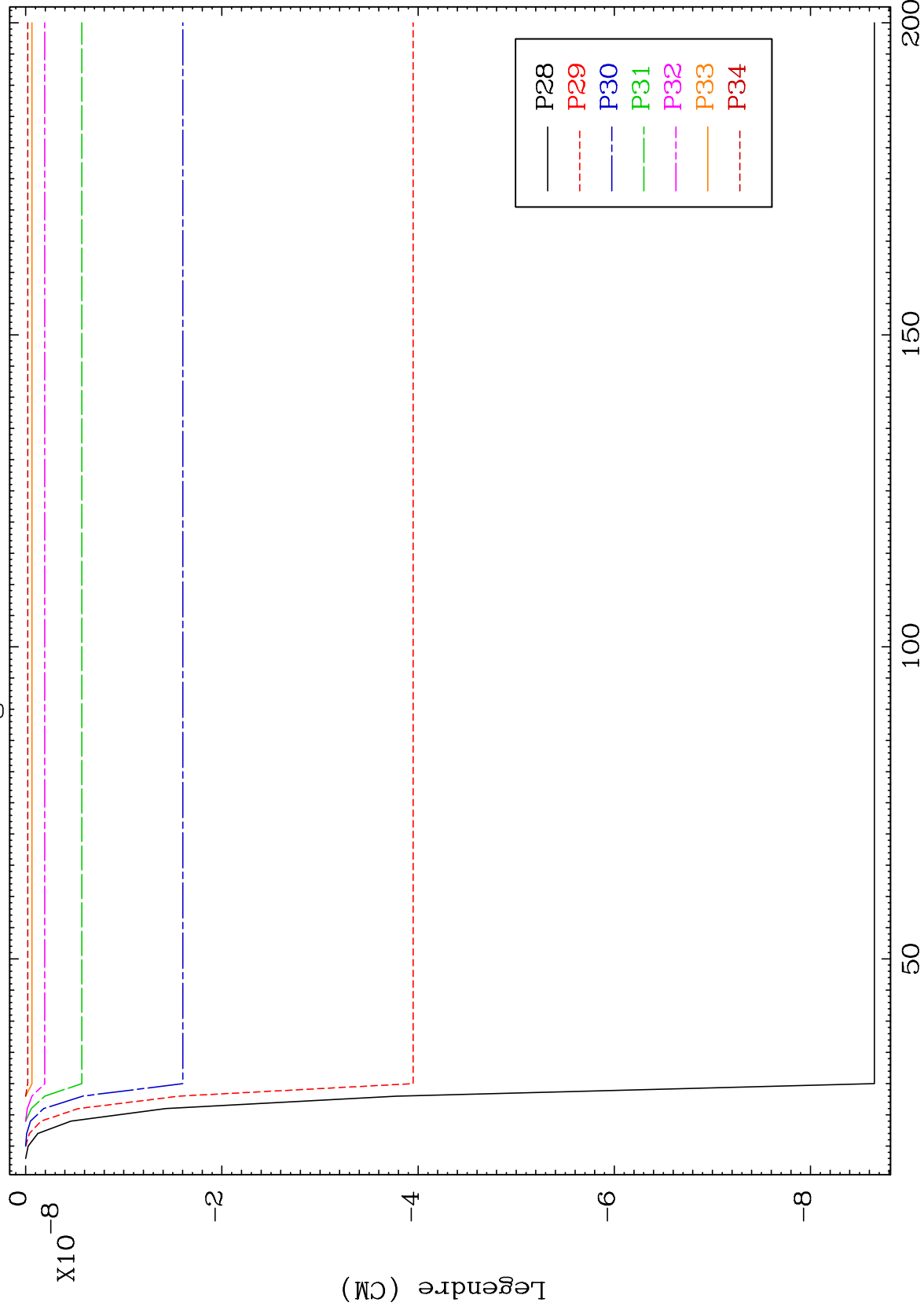
Incident Energy (MeV)

53-I -135

MAT 5349

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

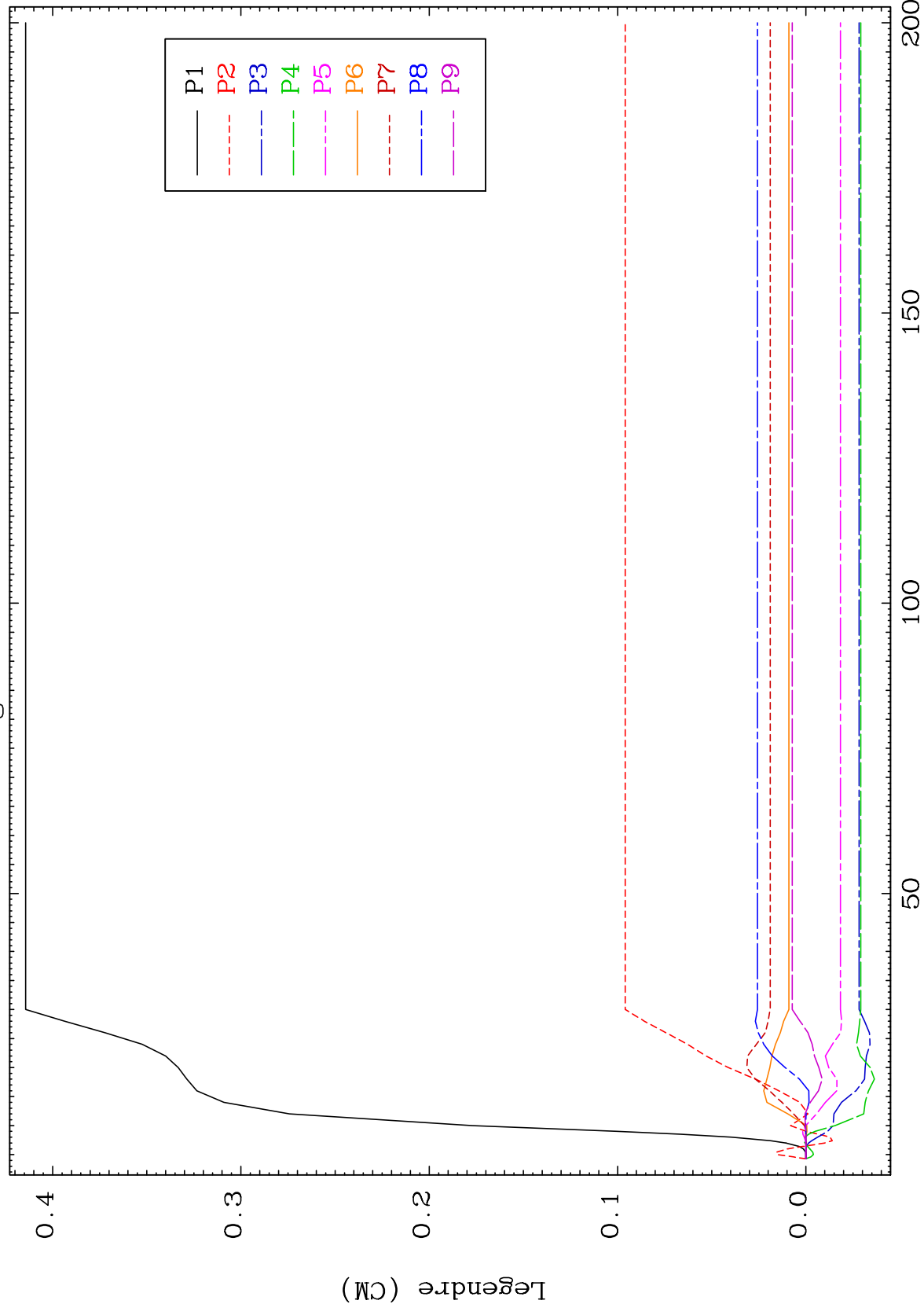
53-I -135



53-I -135

Incident Energy (MeV)

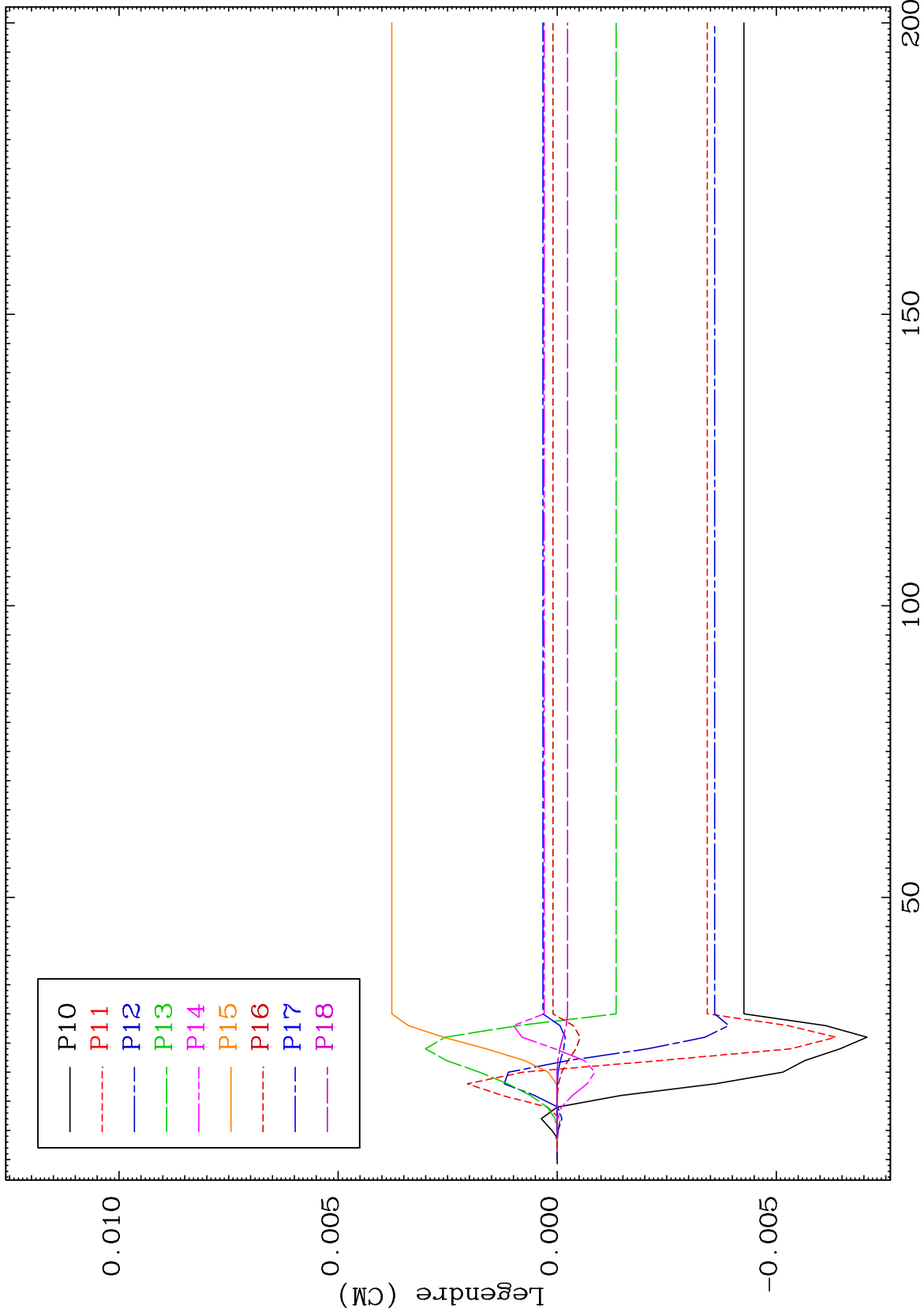
106



MAT 5349

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

53-I -135



108

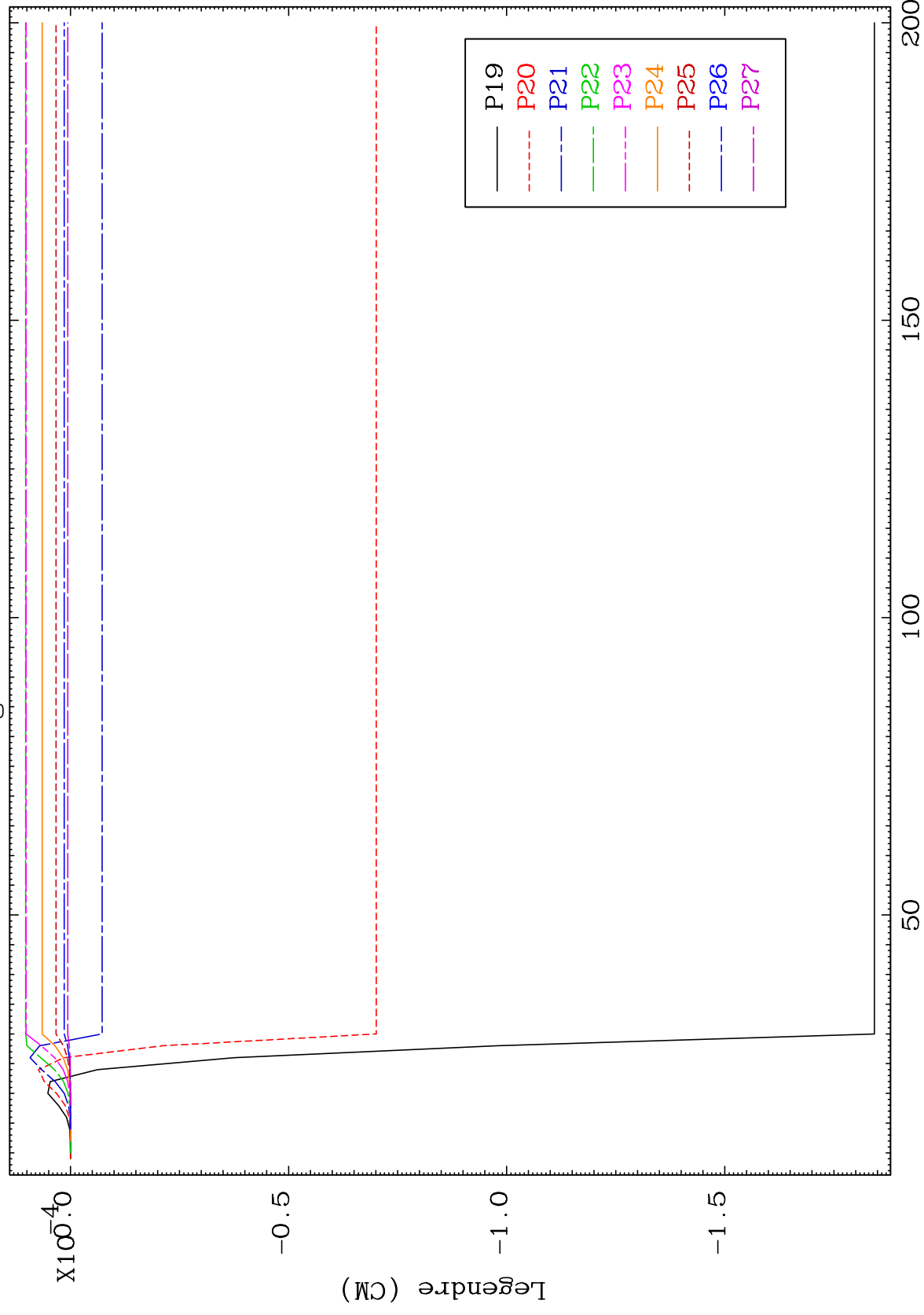
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



109

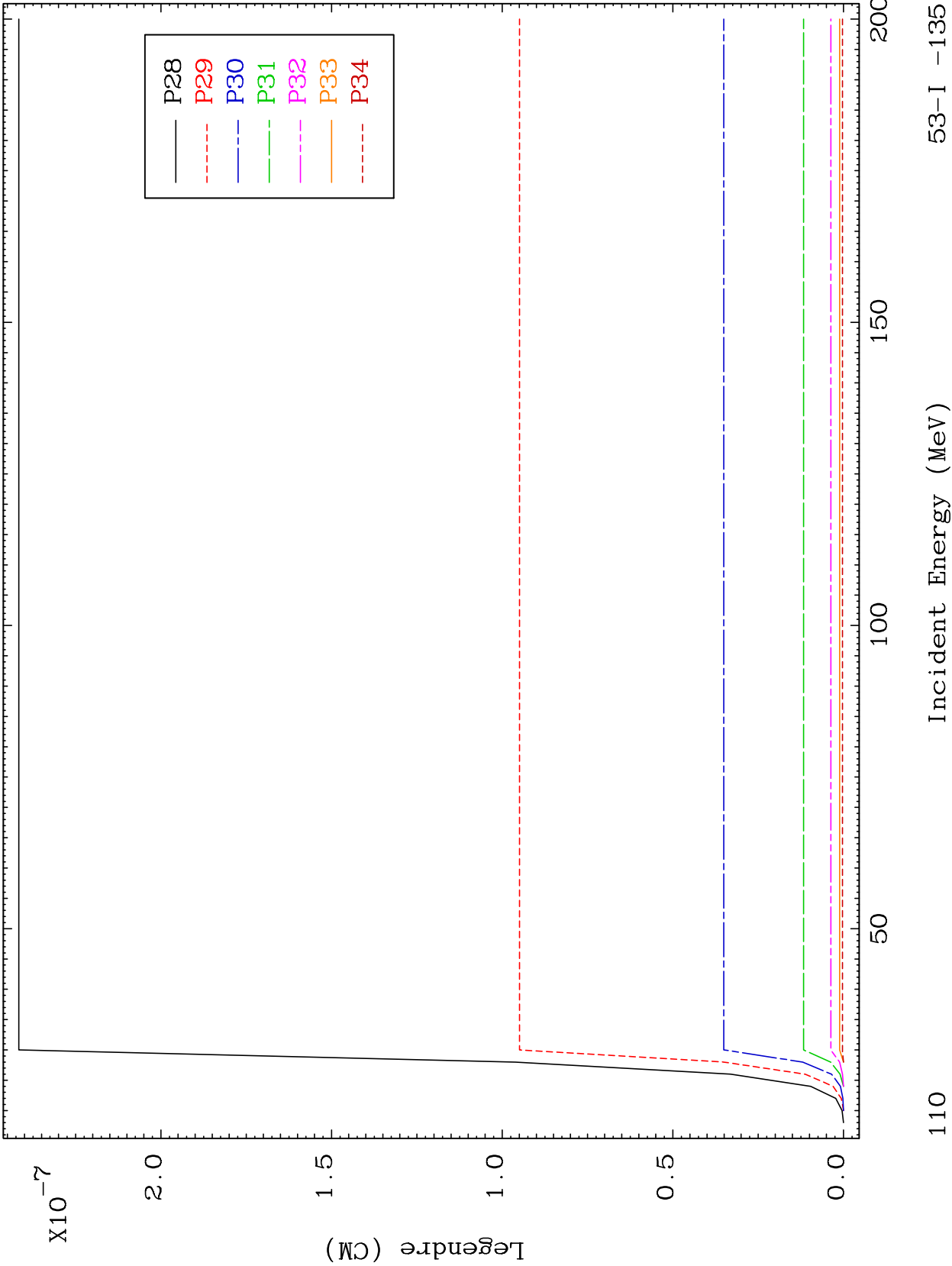
Incident Energy (MeV)

53-I -135

MAT 5349

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

53-I -135



110

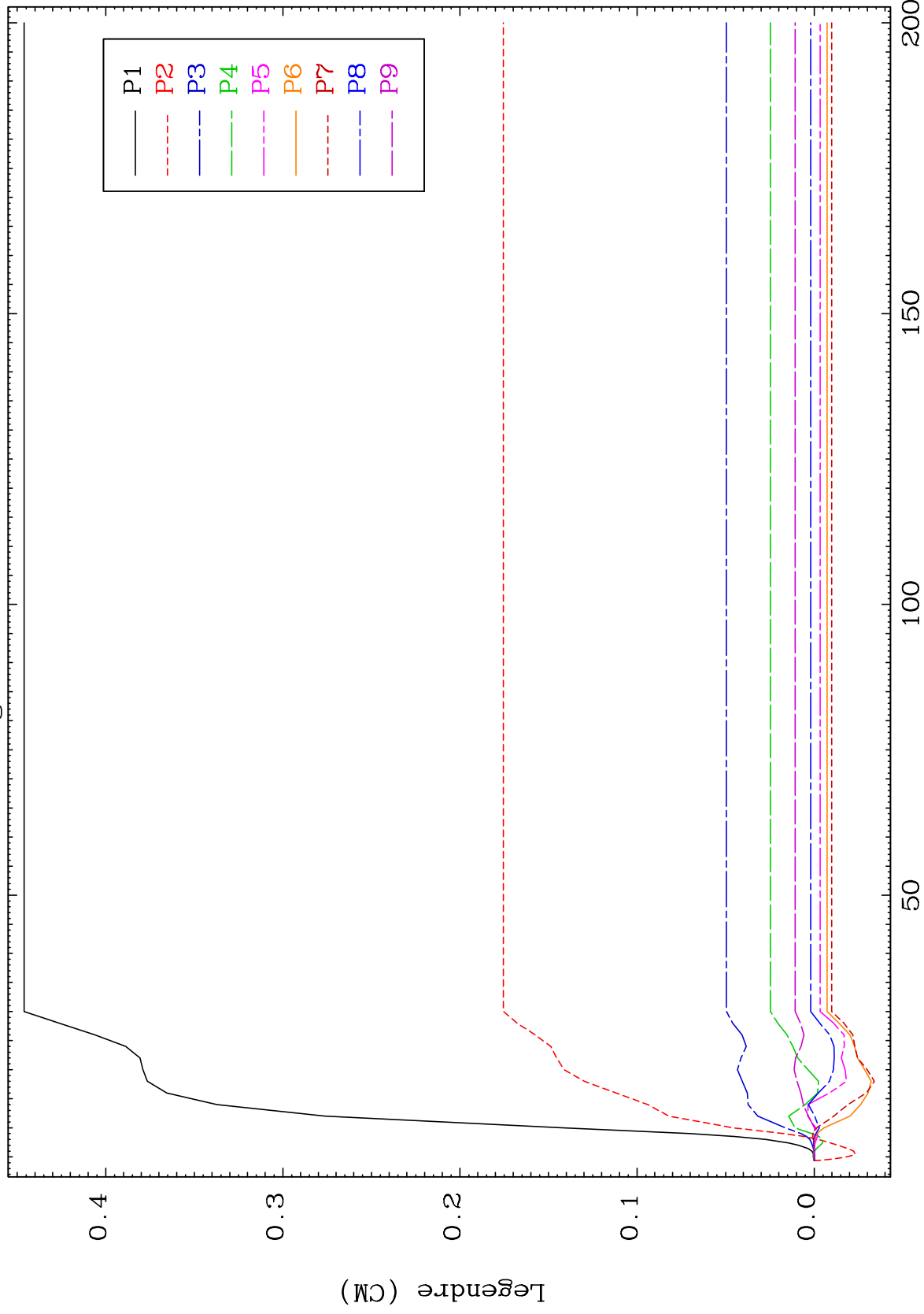
Incident Energy (MeV)

53-I -135

MAT 5349

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

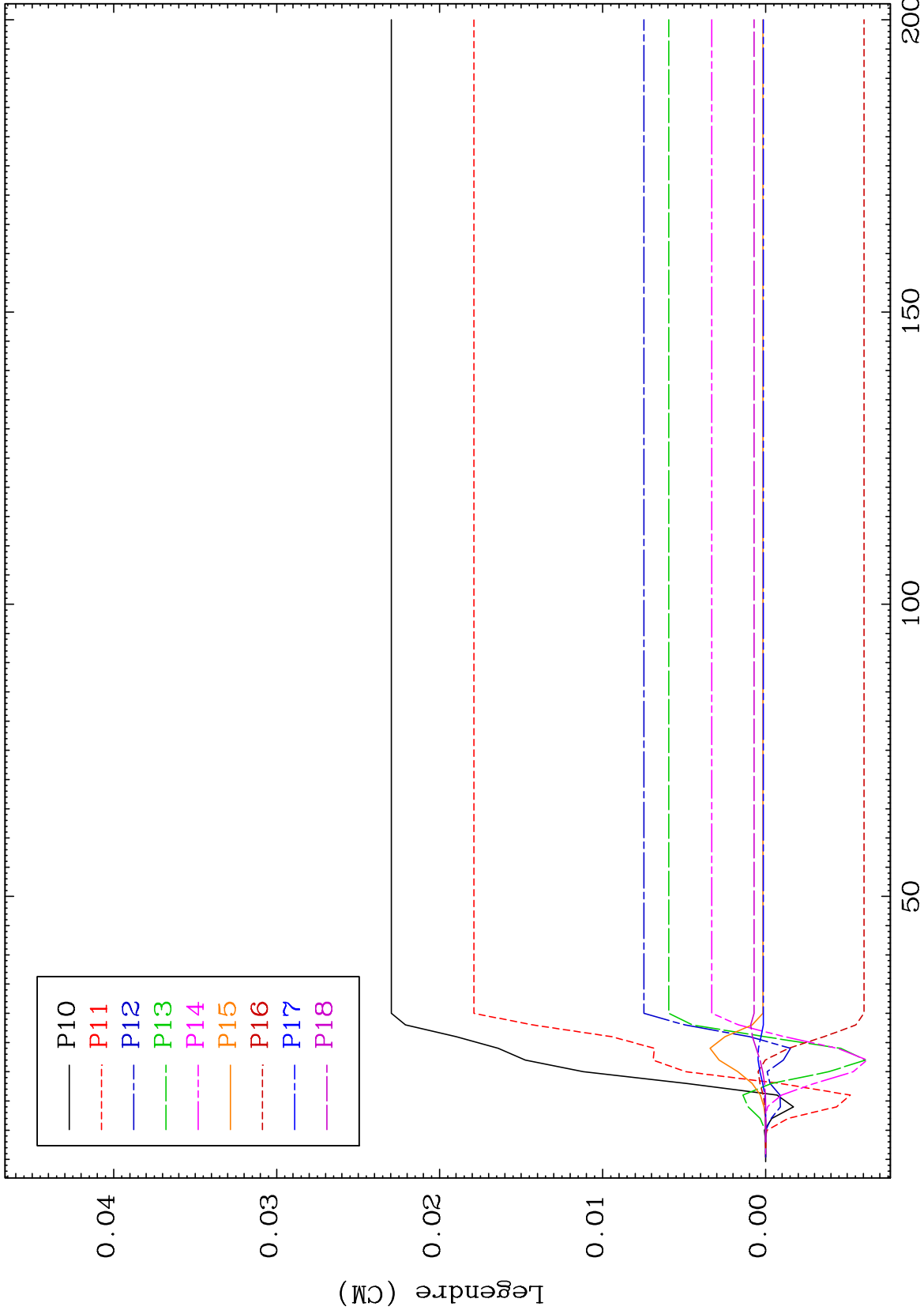
53-I -135

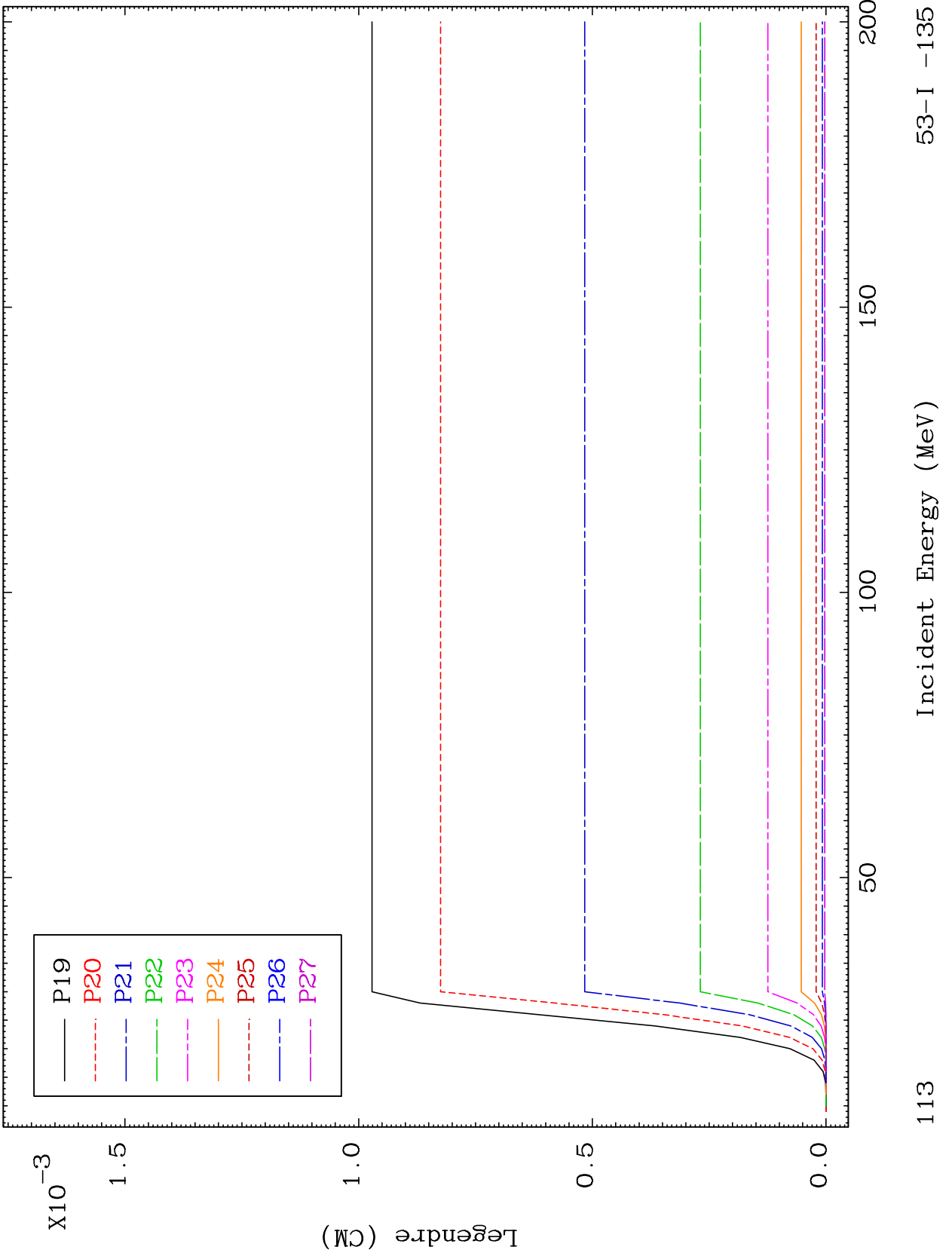


111

Incident Energy (MeV)

53-I -135

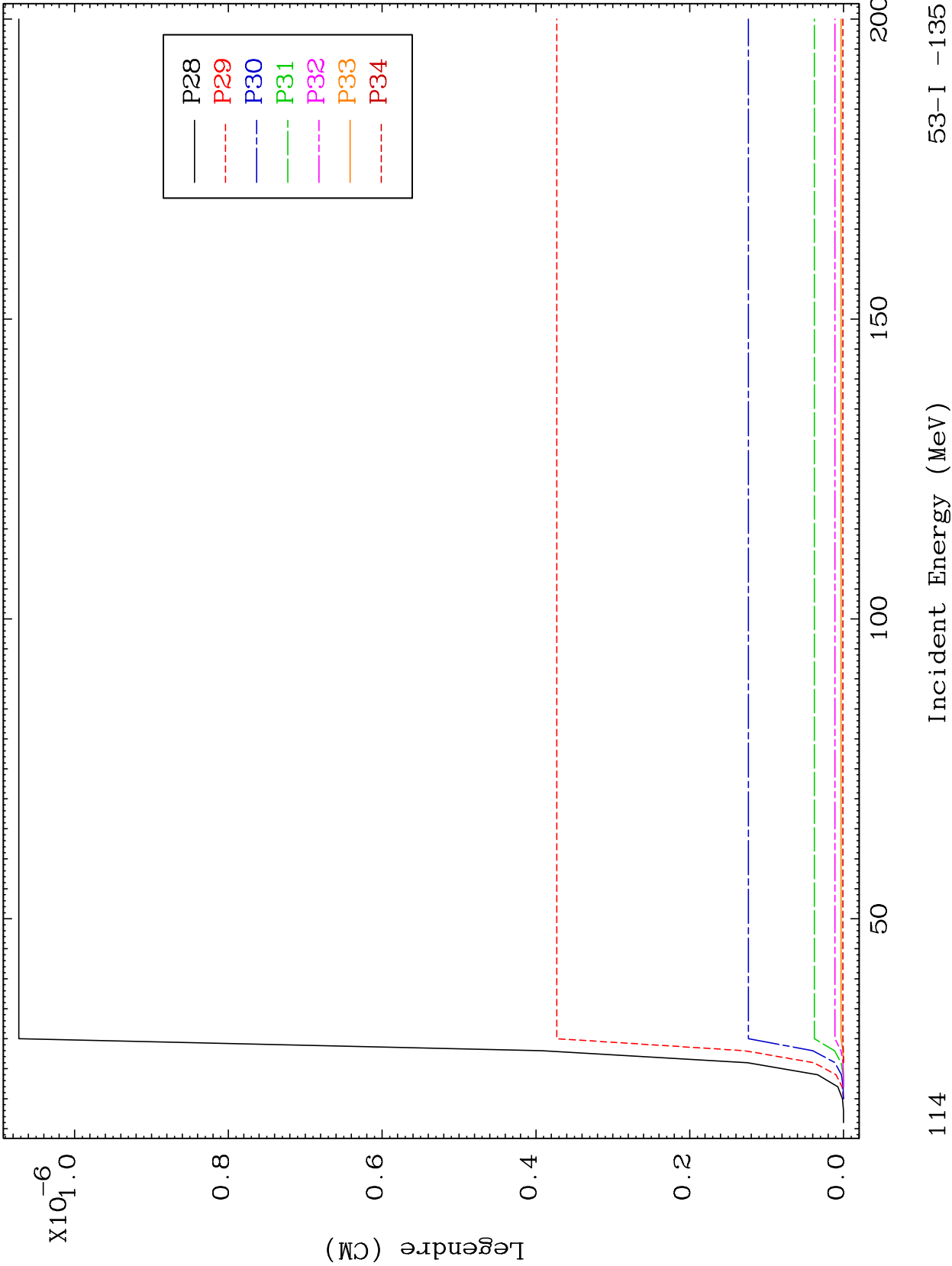




MAT 5349

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

53-I -135



114

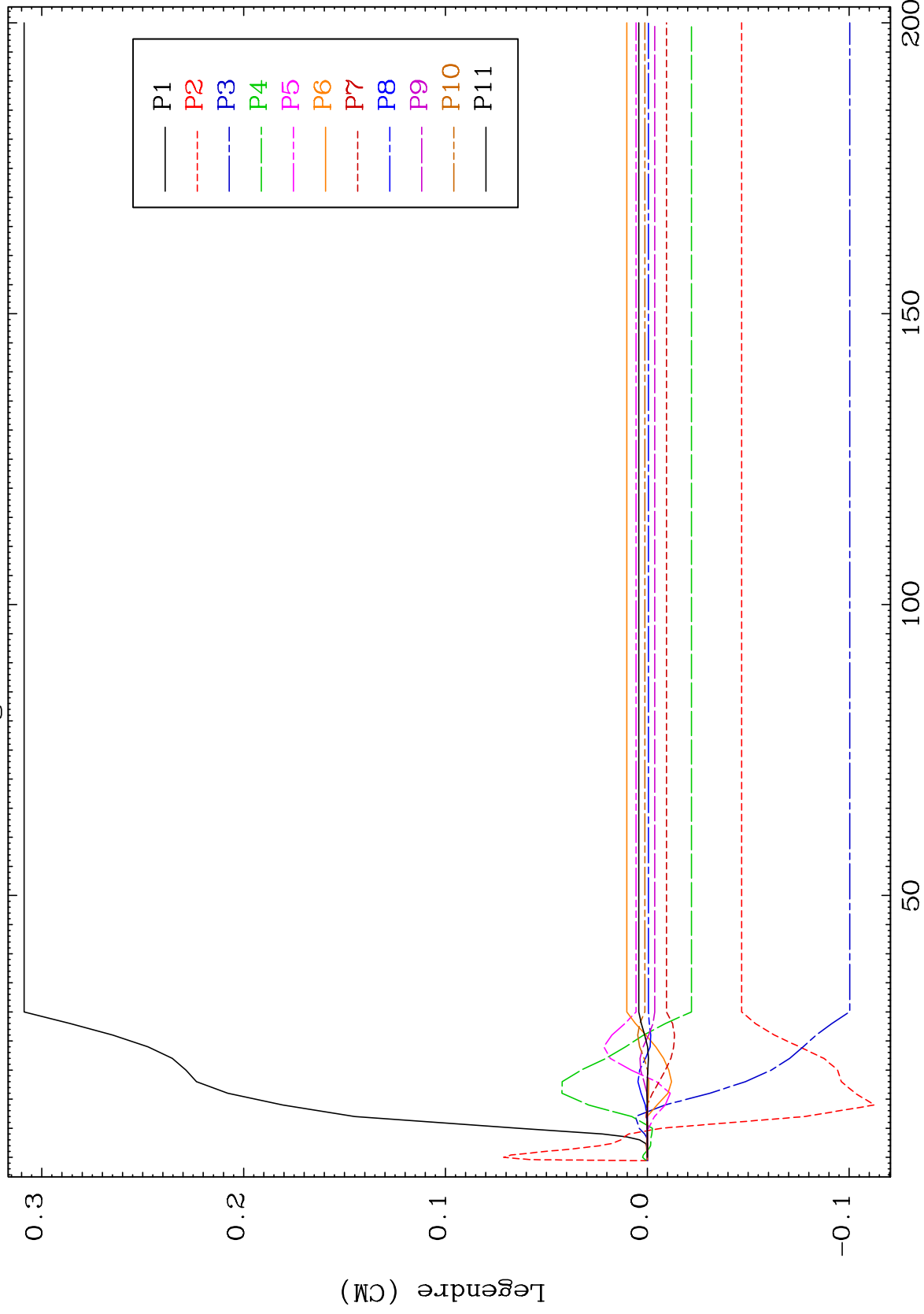
Incident Energy (MeV)

53-I -135

MAT 5349

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

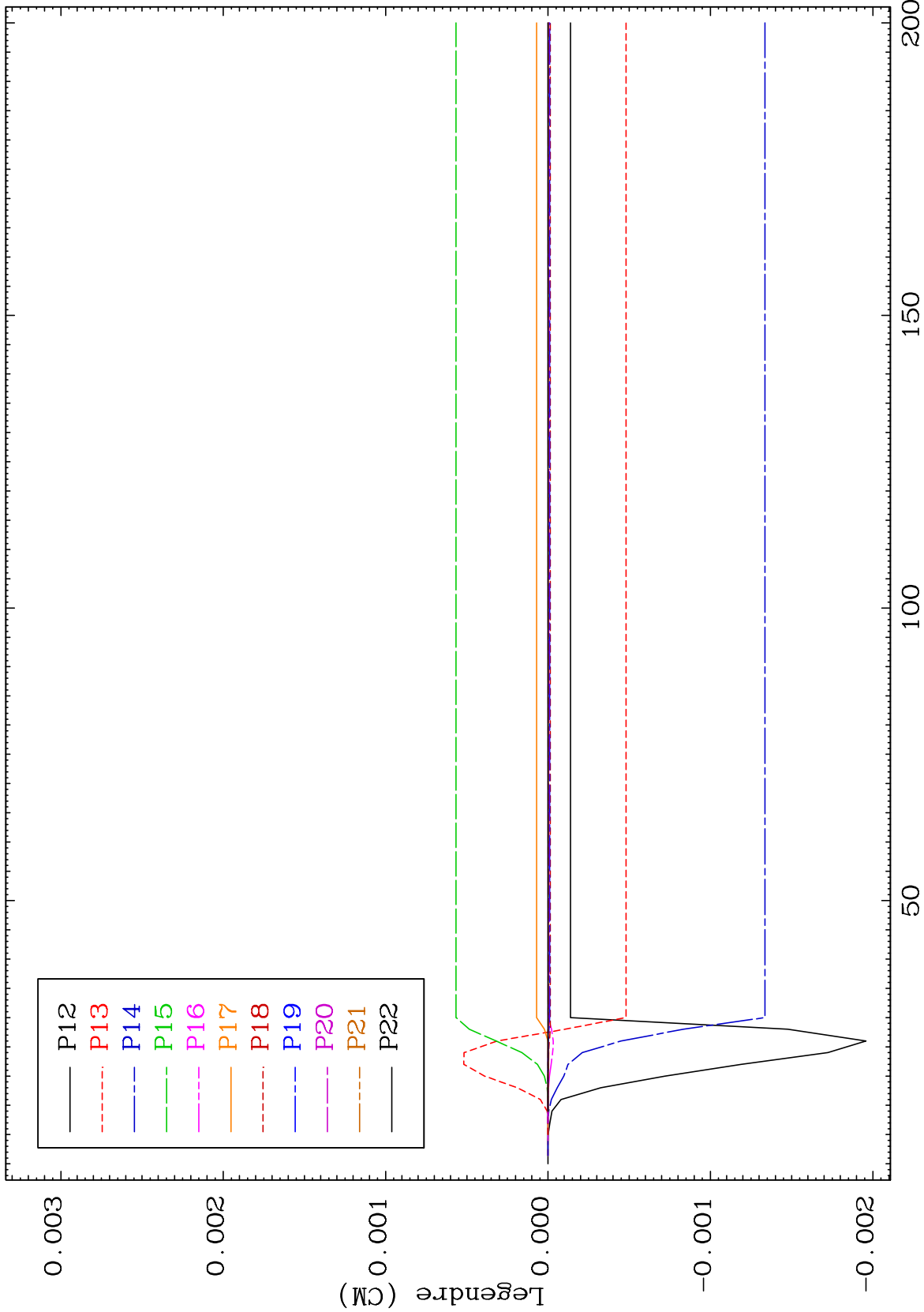
53-I -135



115

Incident Energy (MeV)

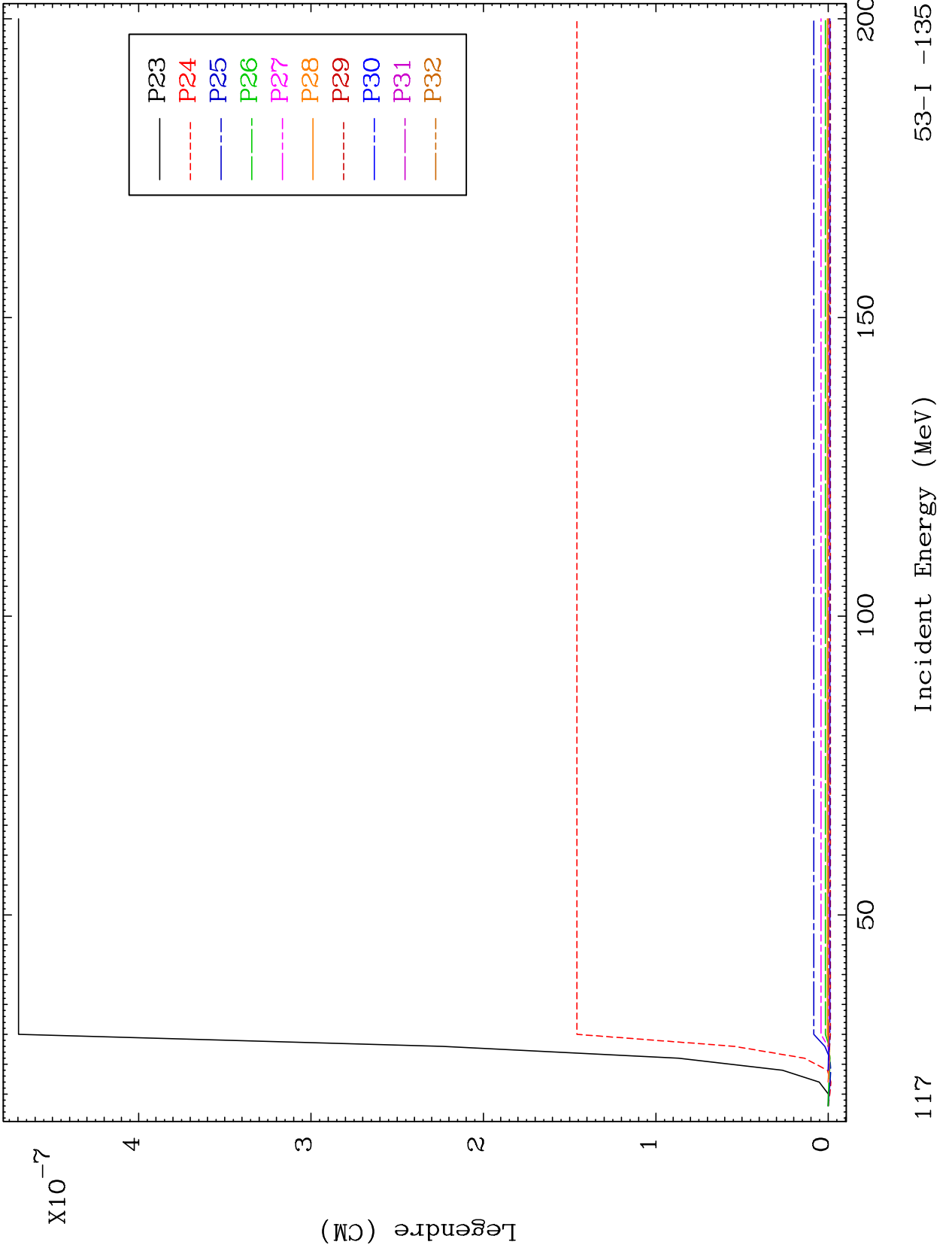
53-I -135



MAT 5349

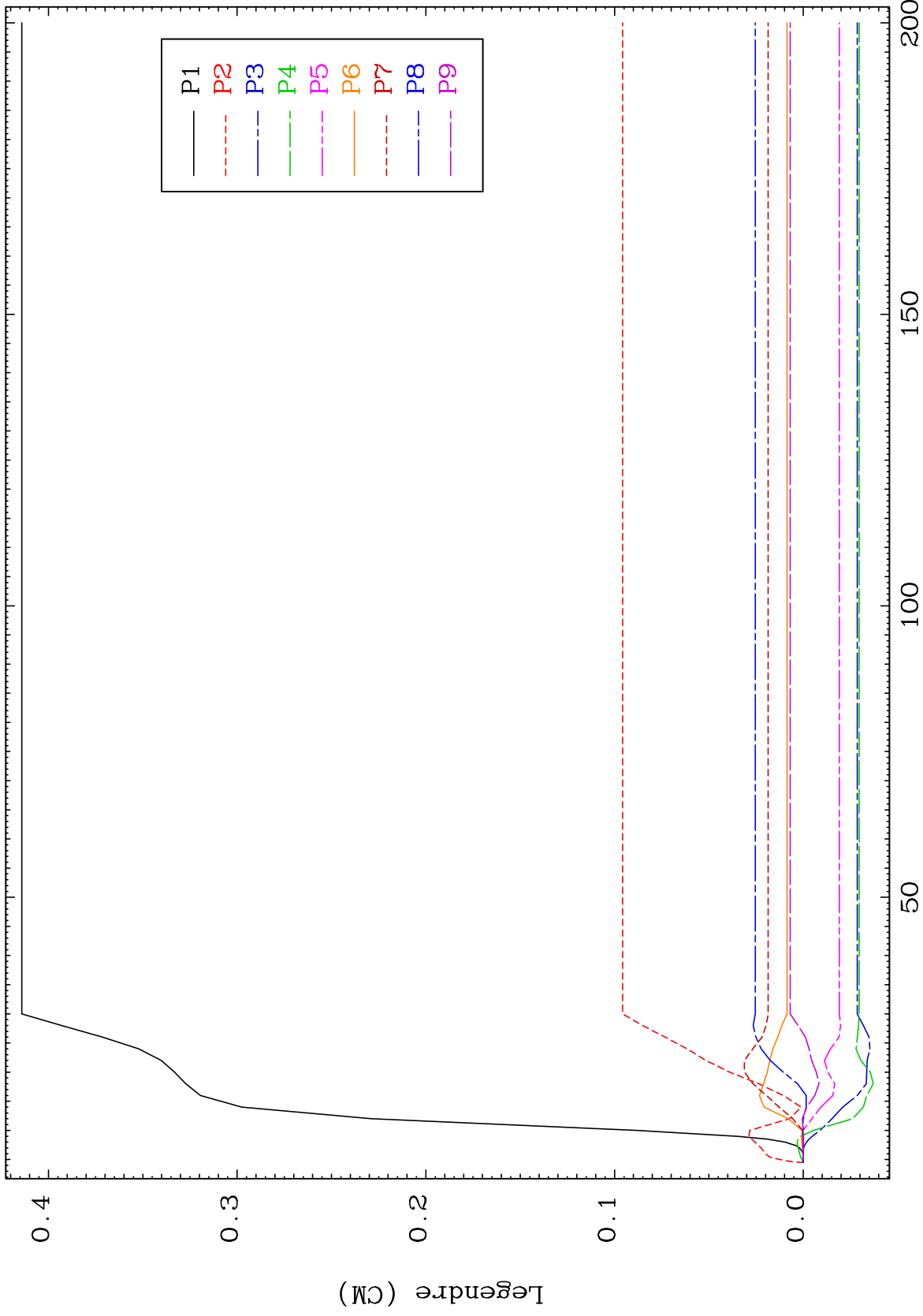
MT= 75 (n,n') Level
Legendre Coefficients

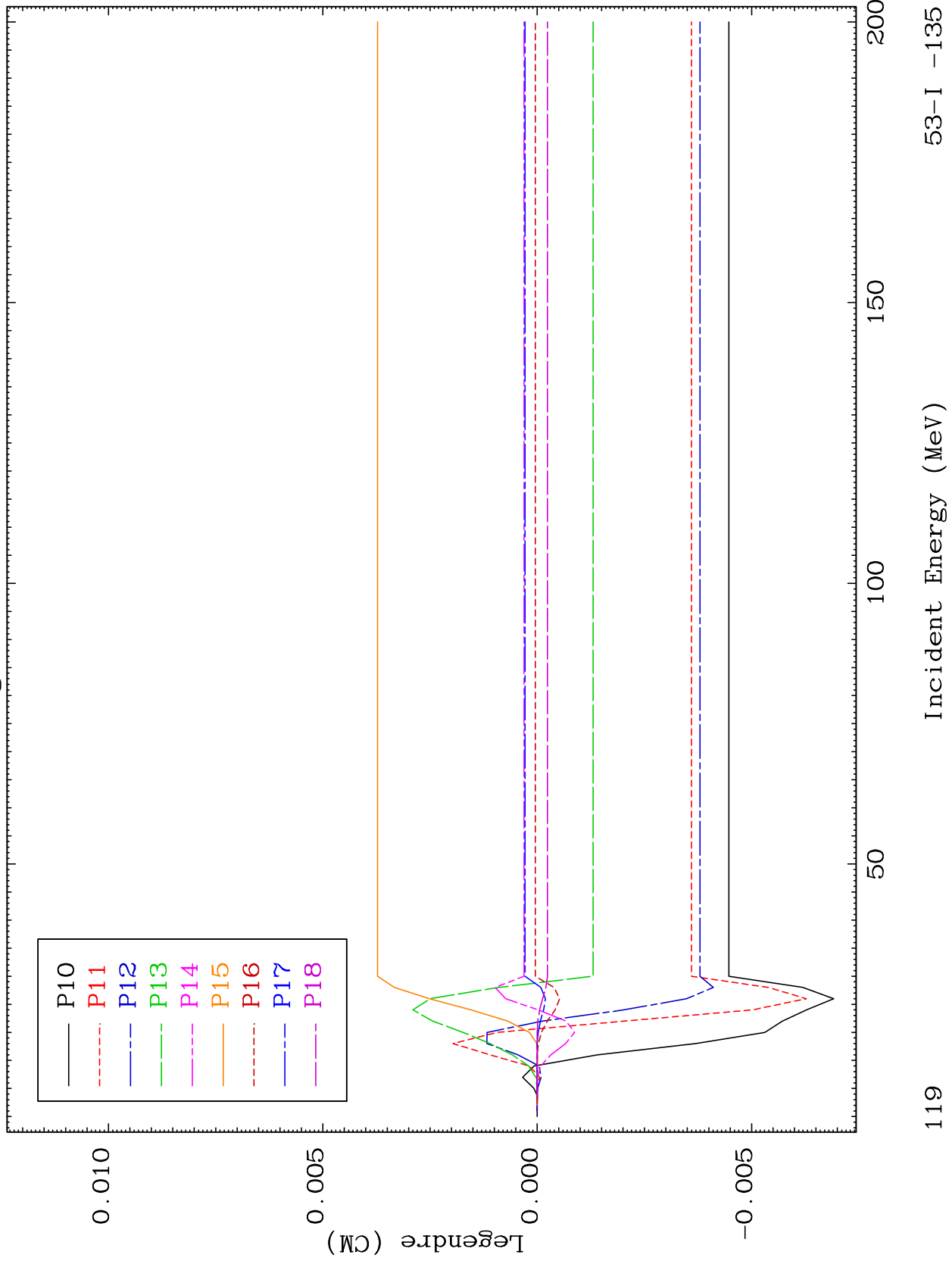
53-I -135



117

53-I -135

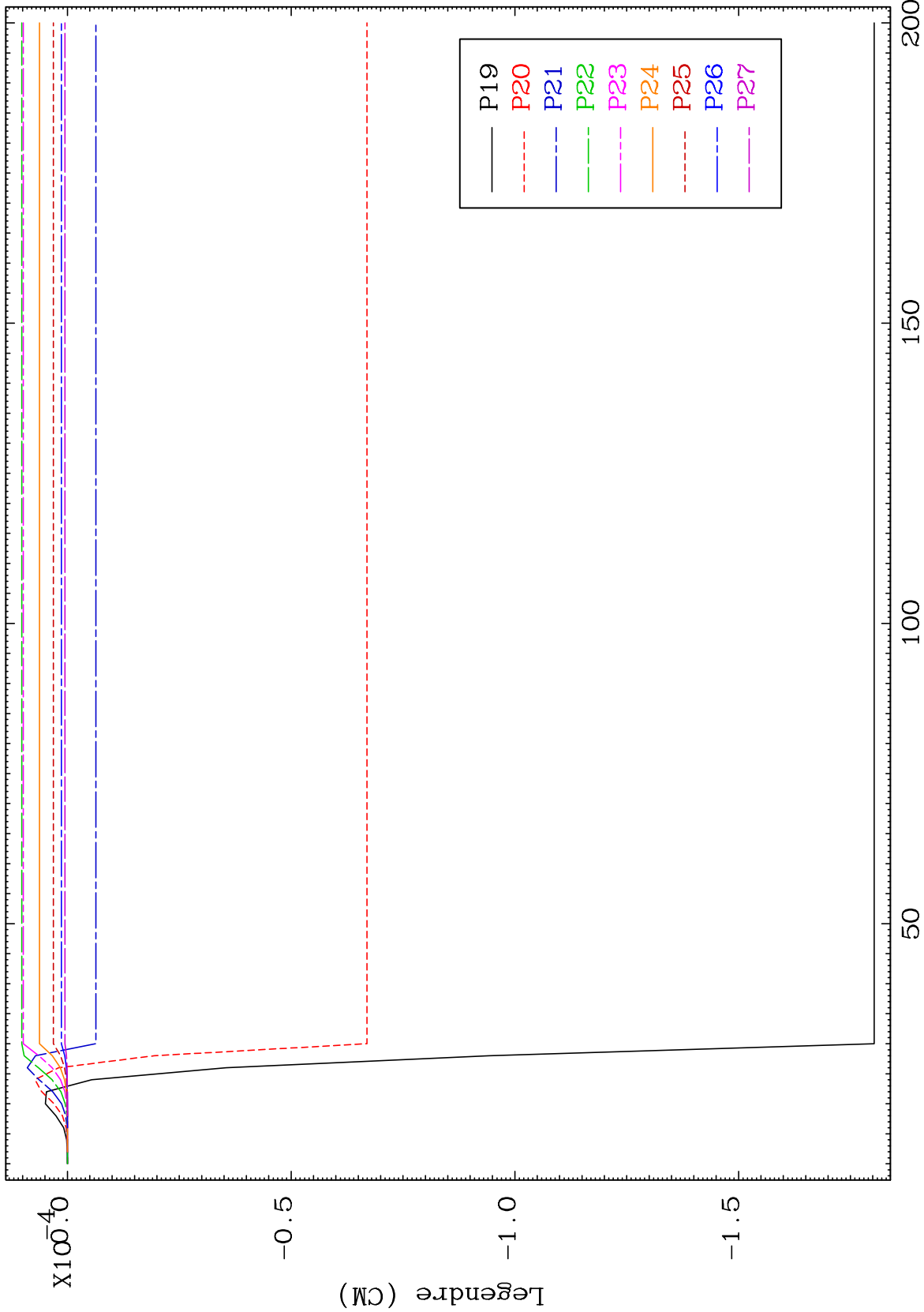




MAT 5349

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

53-I -135



120

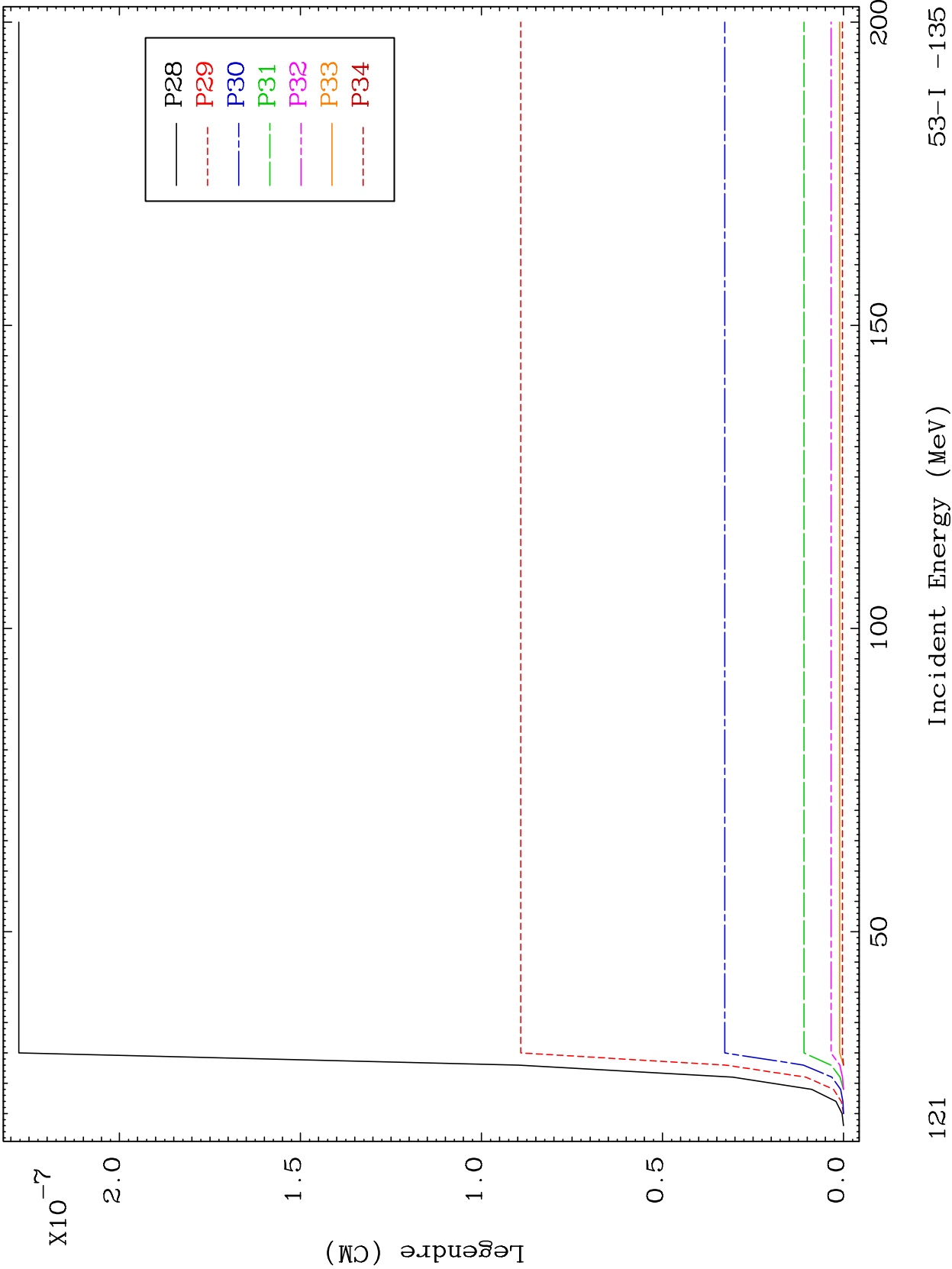
Incident Energy (MeV)

53-I -135

MAT 5349

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

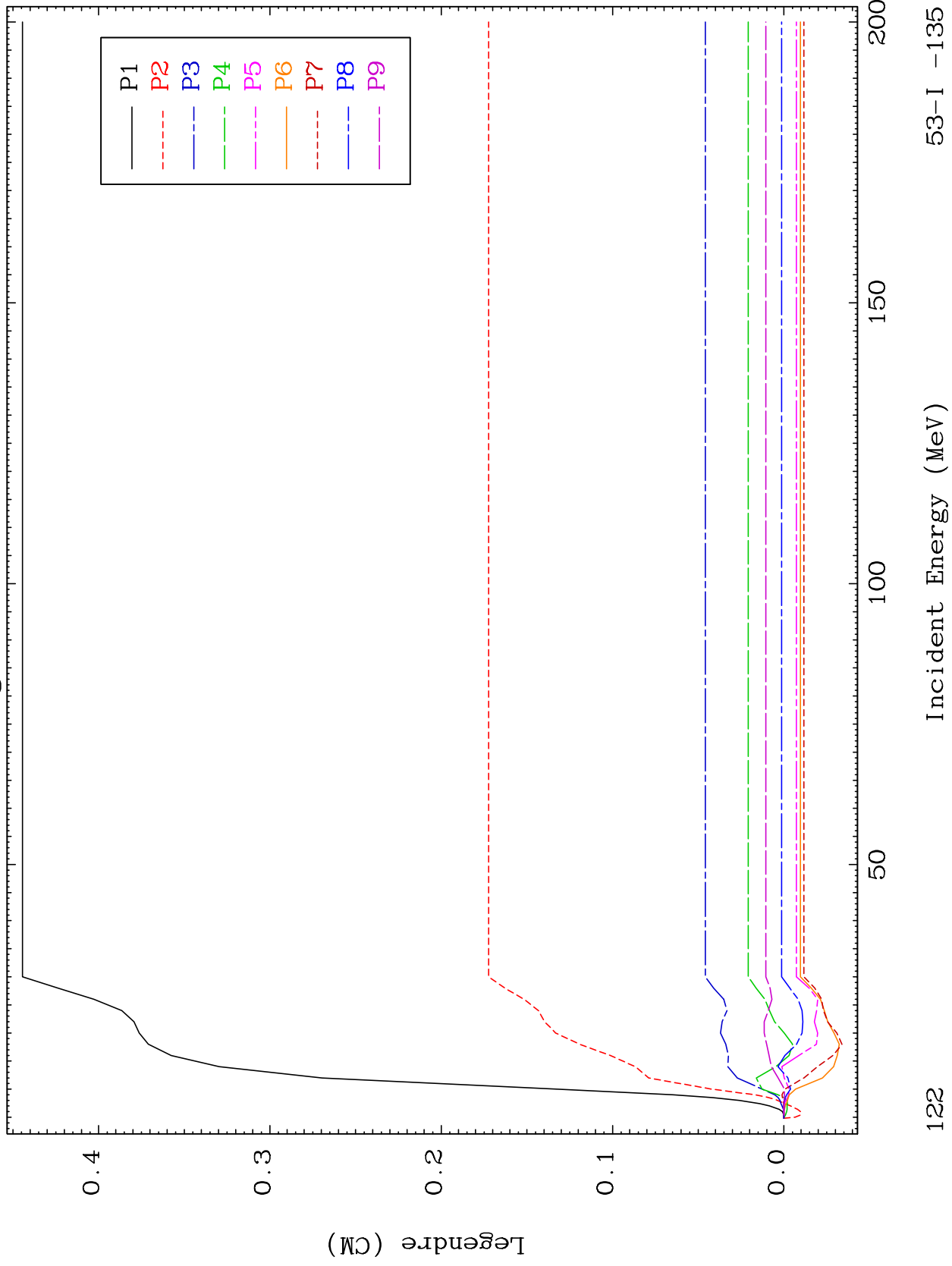
53-I -135

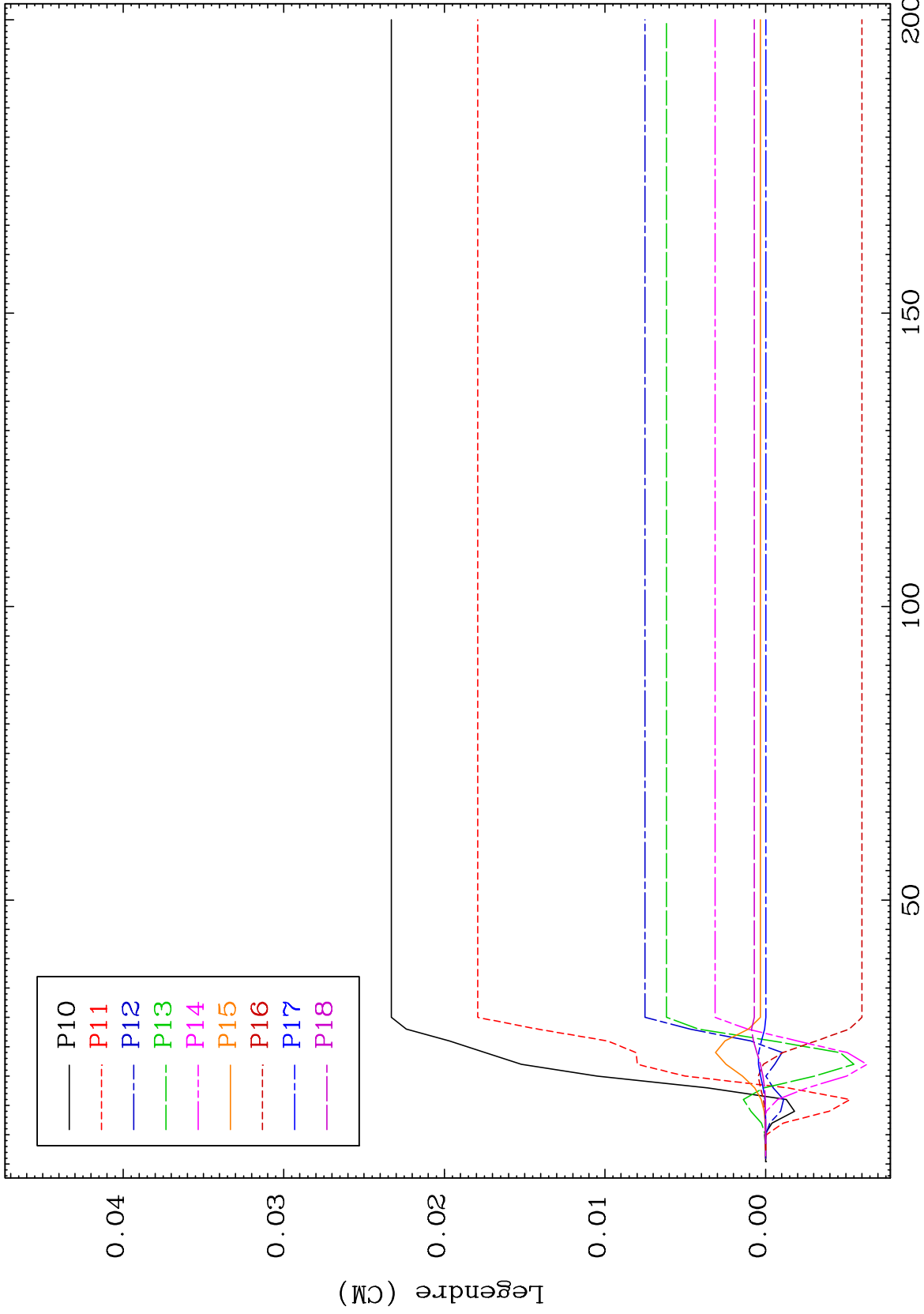


121

Incident Energy (MeV)

53-I -135

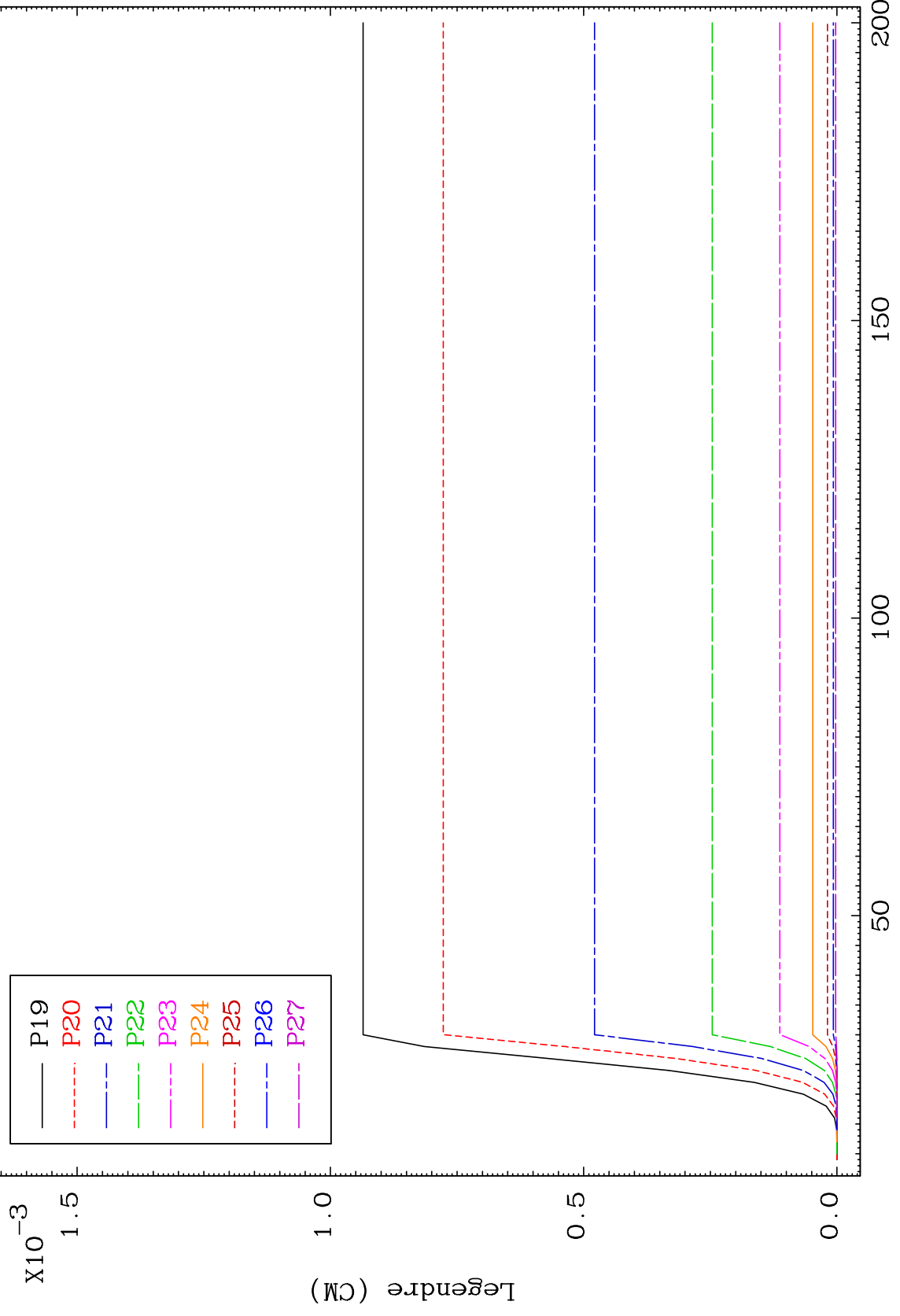
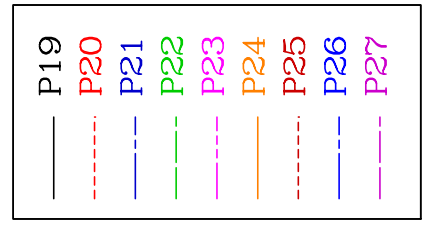




MAT 5349

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

53-I -135



124

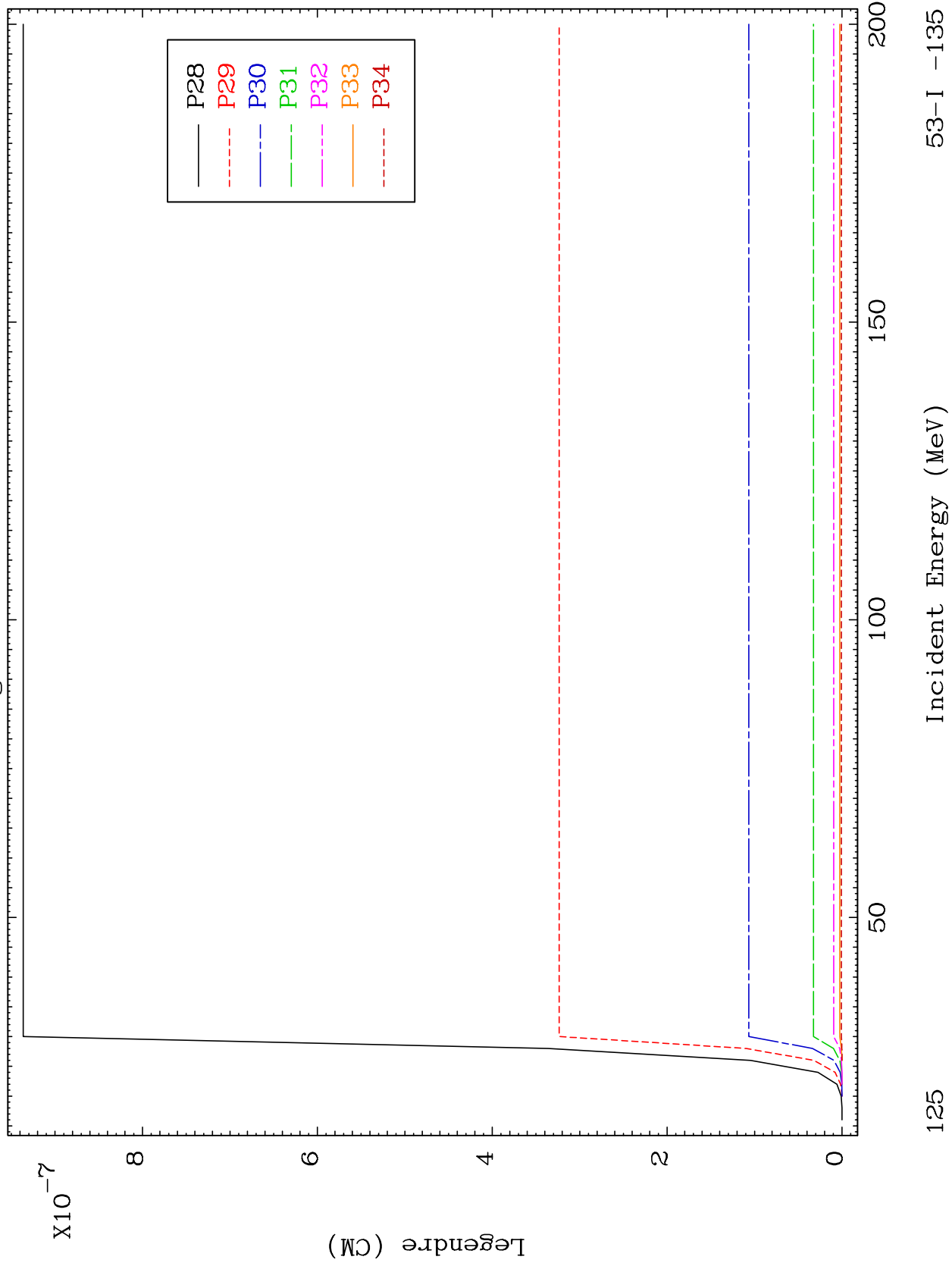
Incident Energy (MeV)

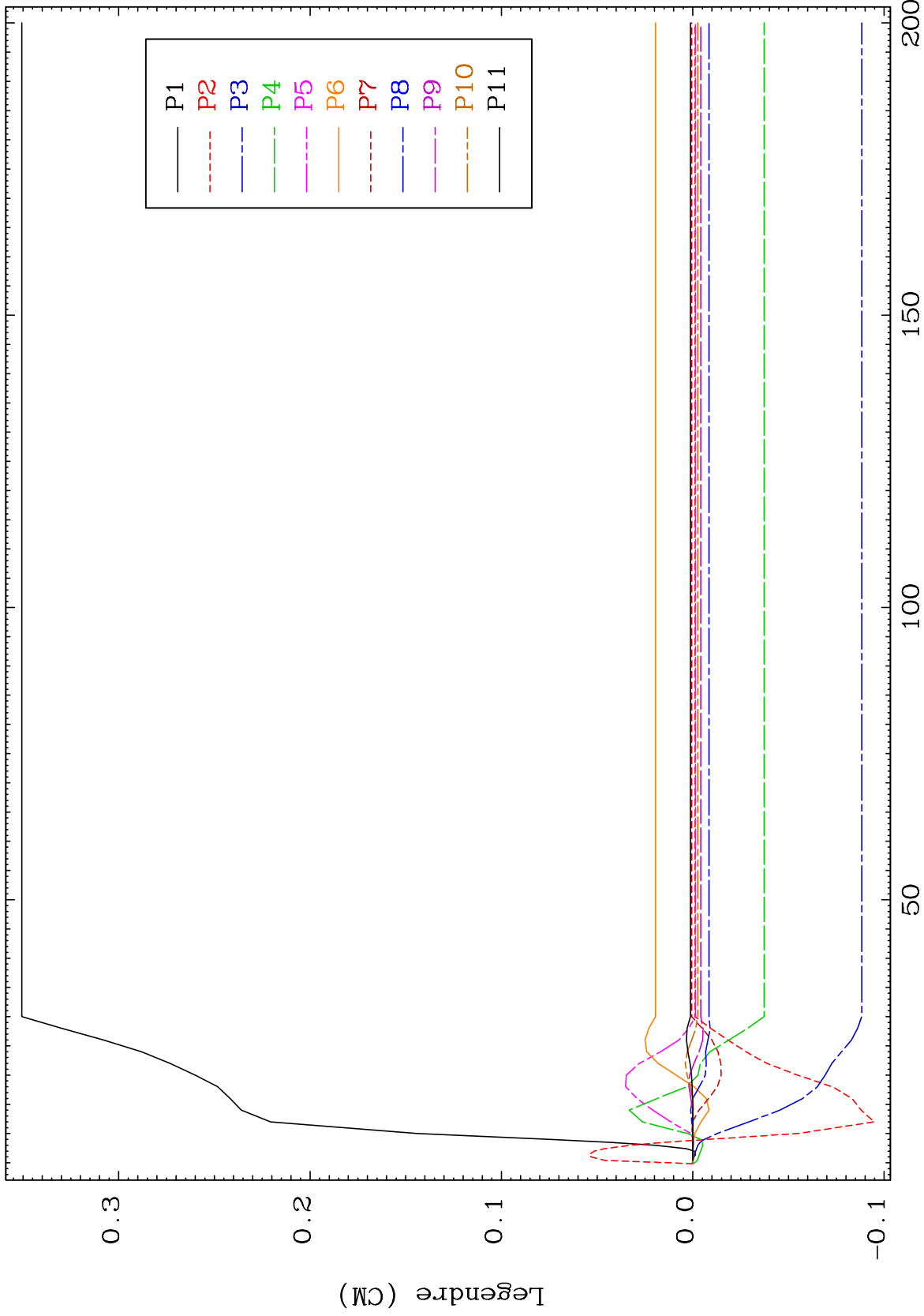
53-I -135

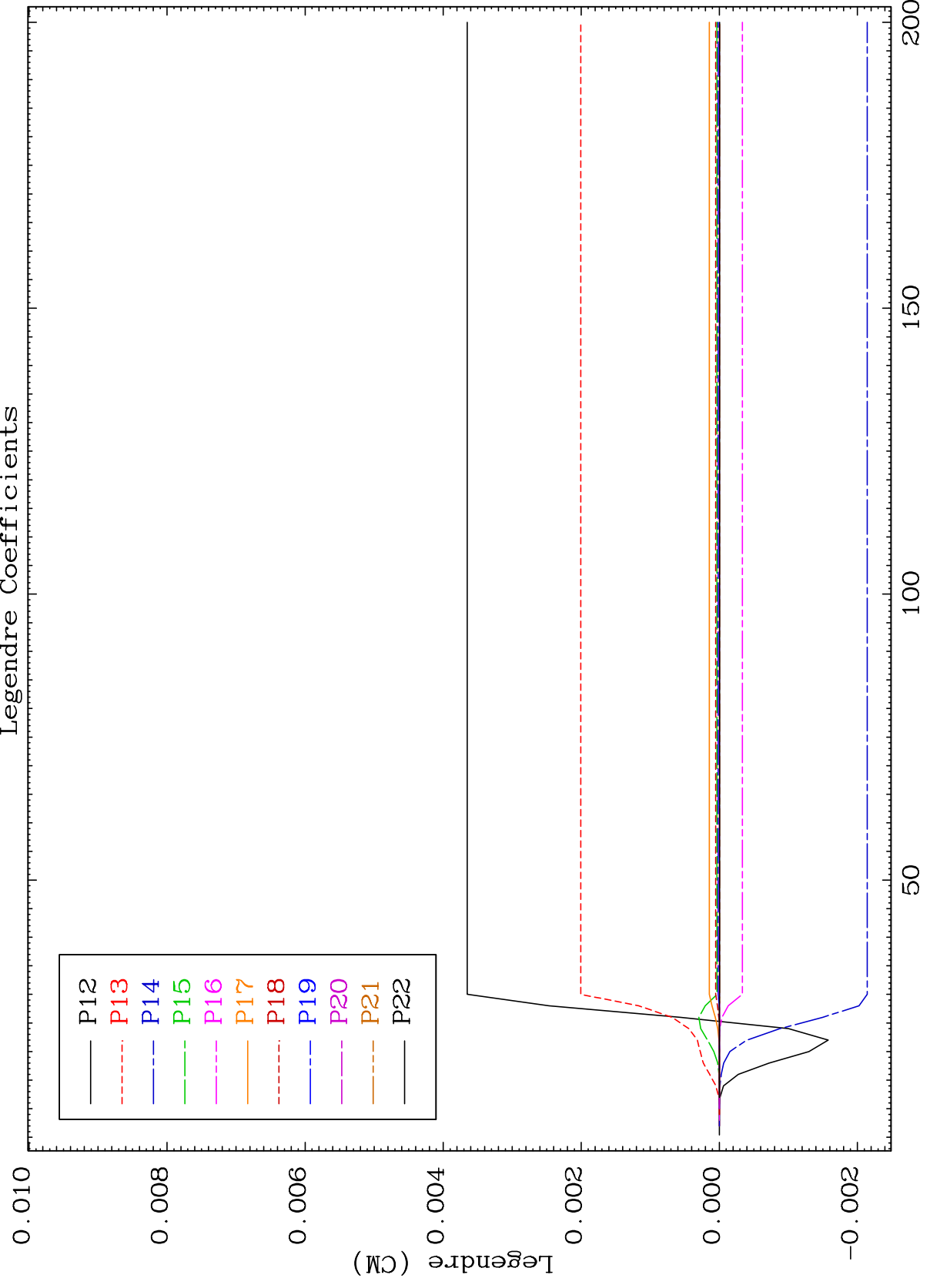
MAT 5349

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

53-I -135



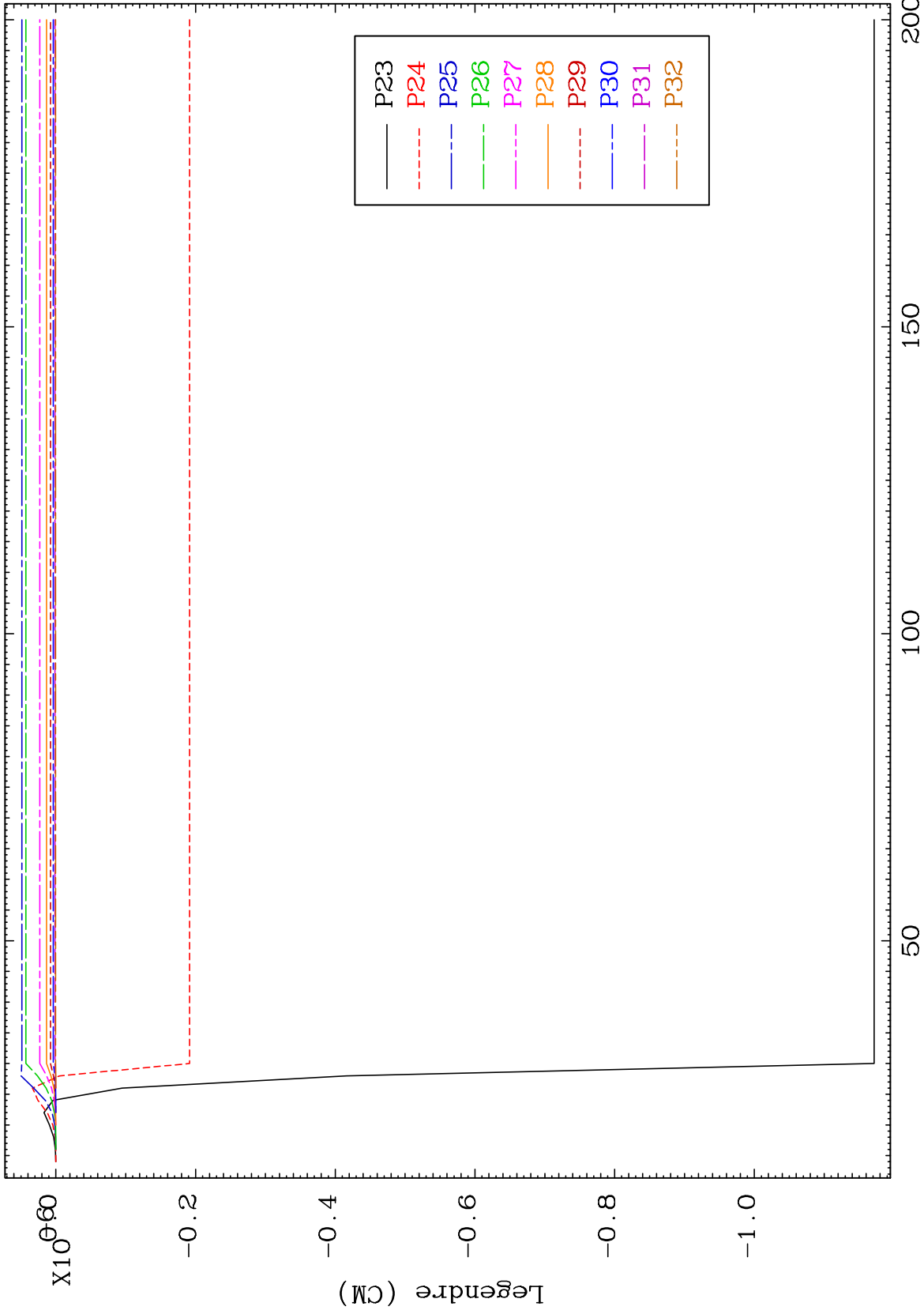




MAT 5349

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

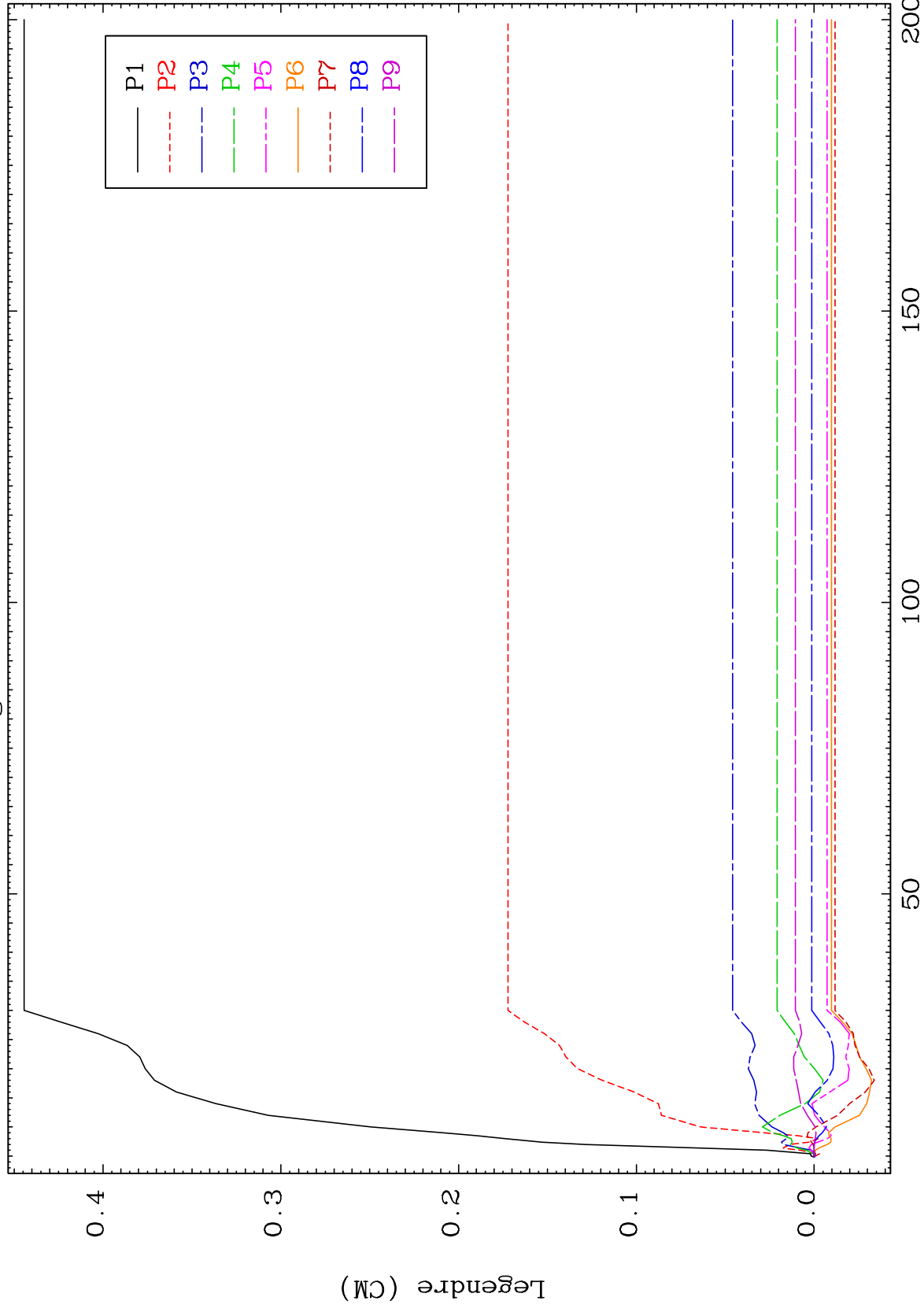
53-I -135



128

Incident Energy (MeV)

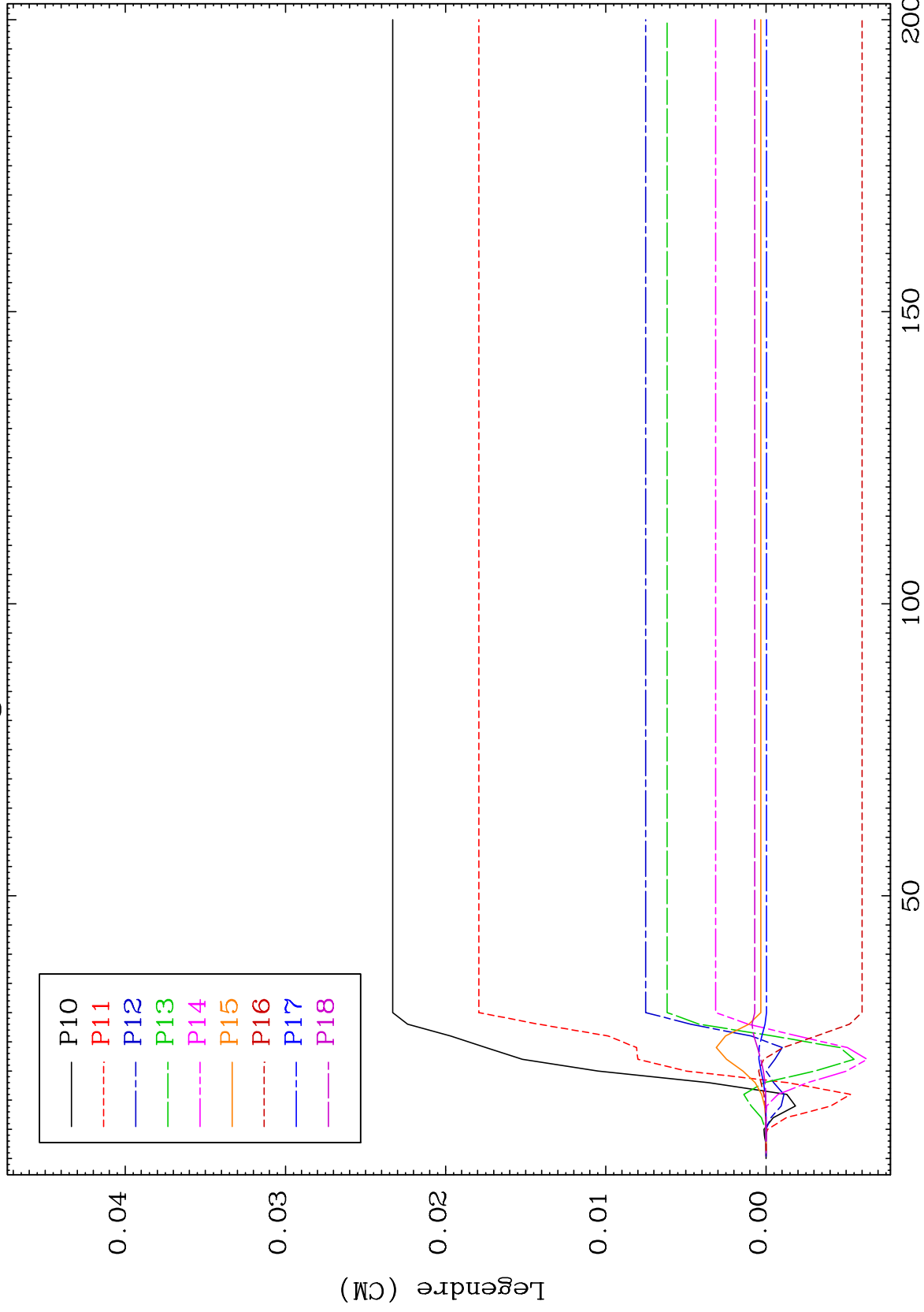
53-I -135



MAT 5349

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

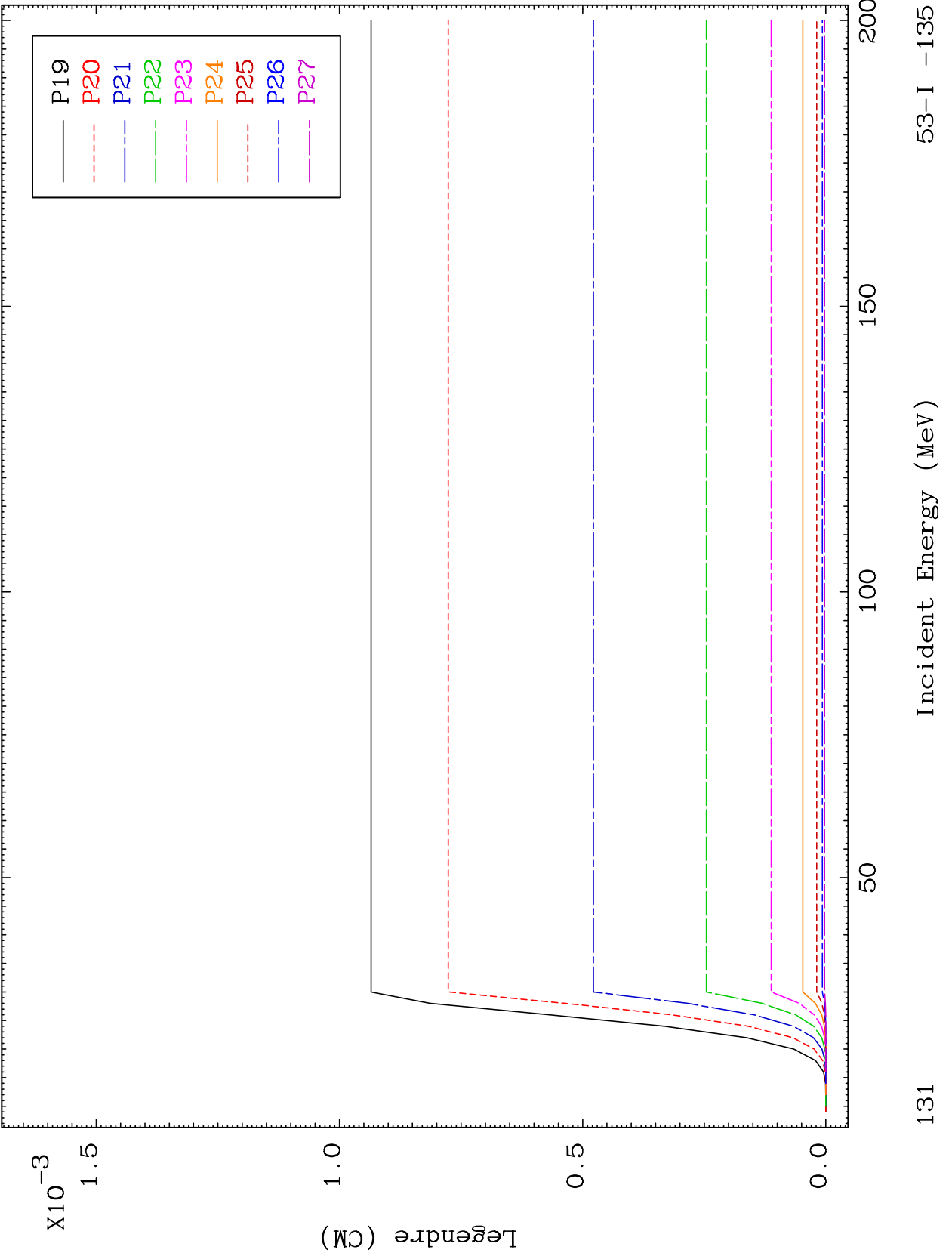
53-I -135



130

Incident Energy (MeV)

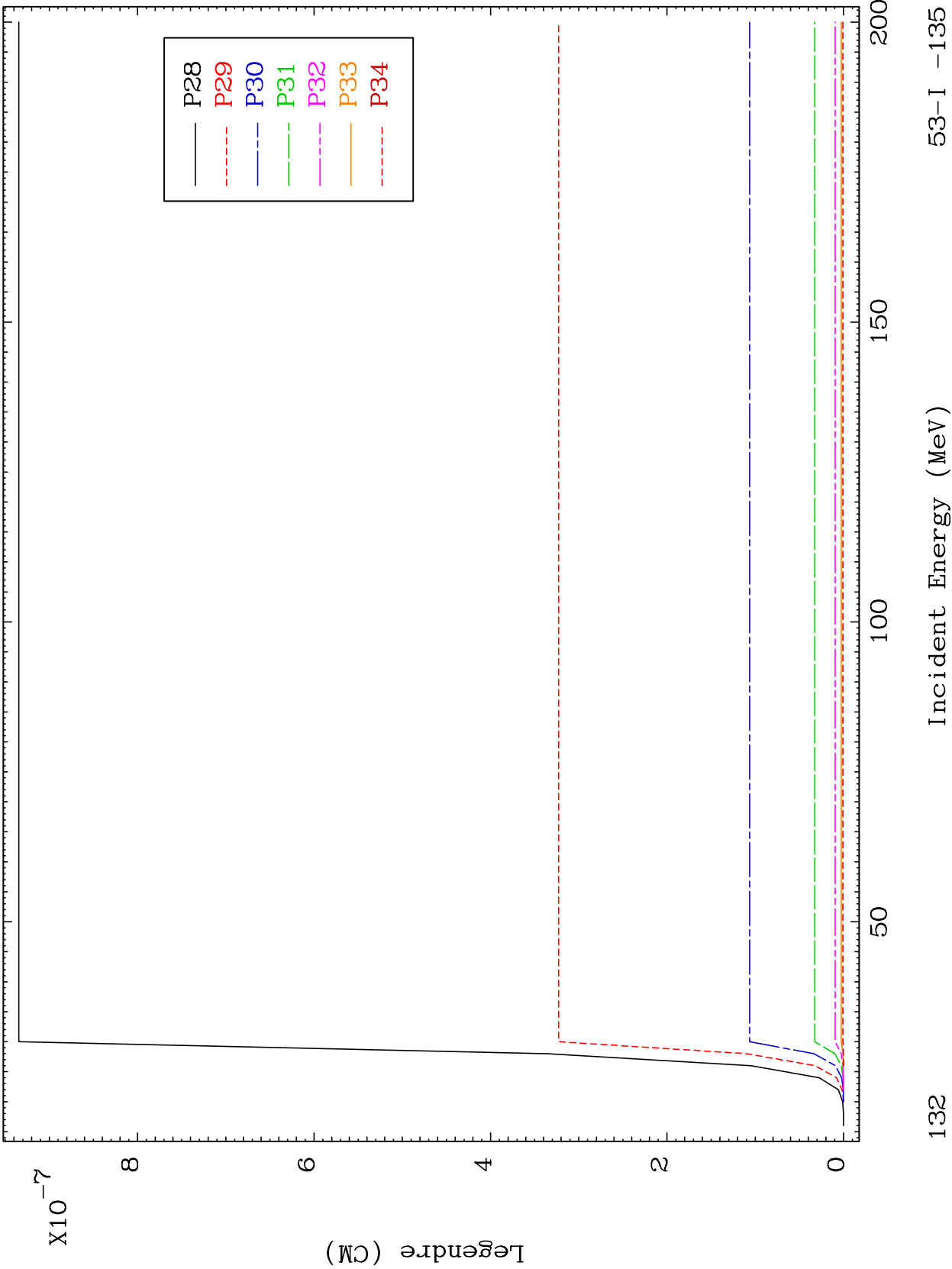
53-I -135



MAT 5349

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

53-I -135



132

Incident Energy (MeV)

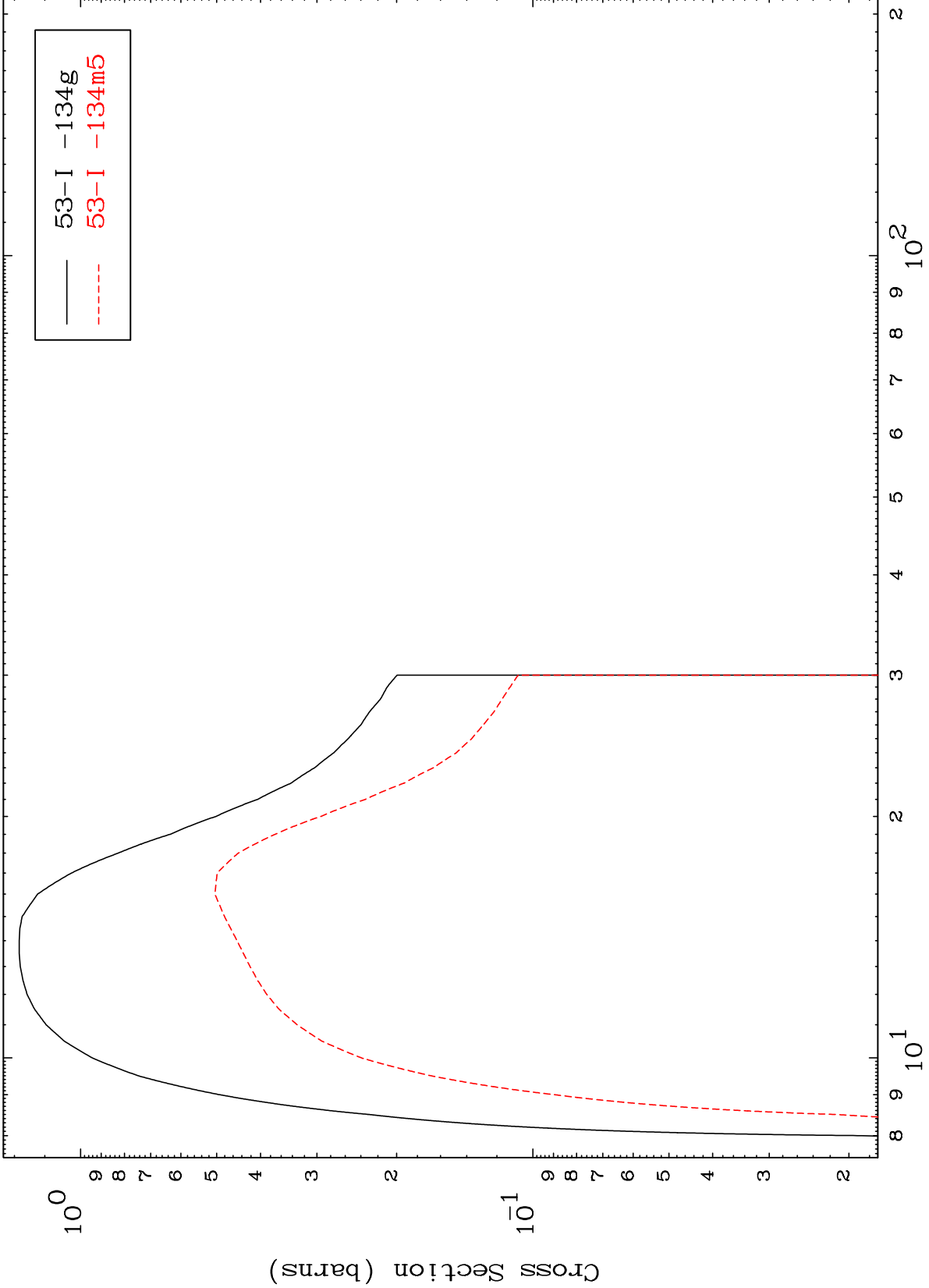
53-I -135

MAT 5349

(n,2n)

53-I -135

Radionuclide Production Cross Section



53-I -134g
53-I -134m5

133

Incident Energy (MeV)

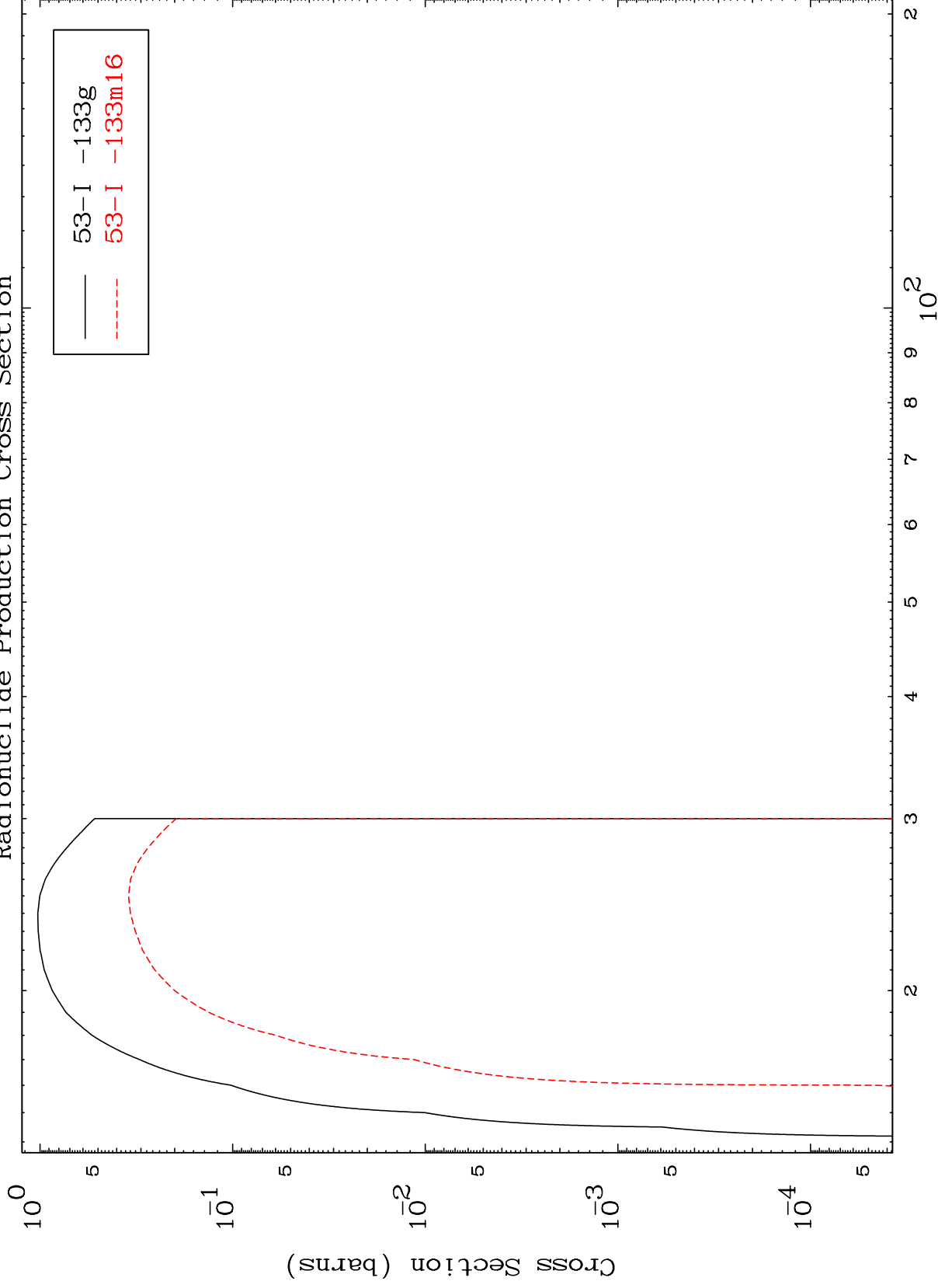
53-I -135

MAT 5349

(n,3n)

53-I -135

Radionuclide Production Cross Section



53-I -133g
53-I -133m16

134

Incident Energy (MeV)

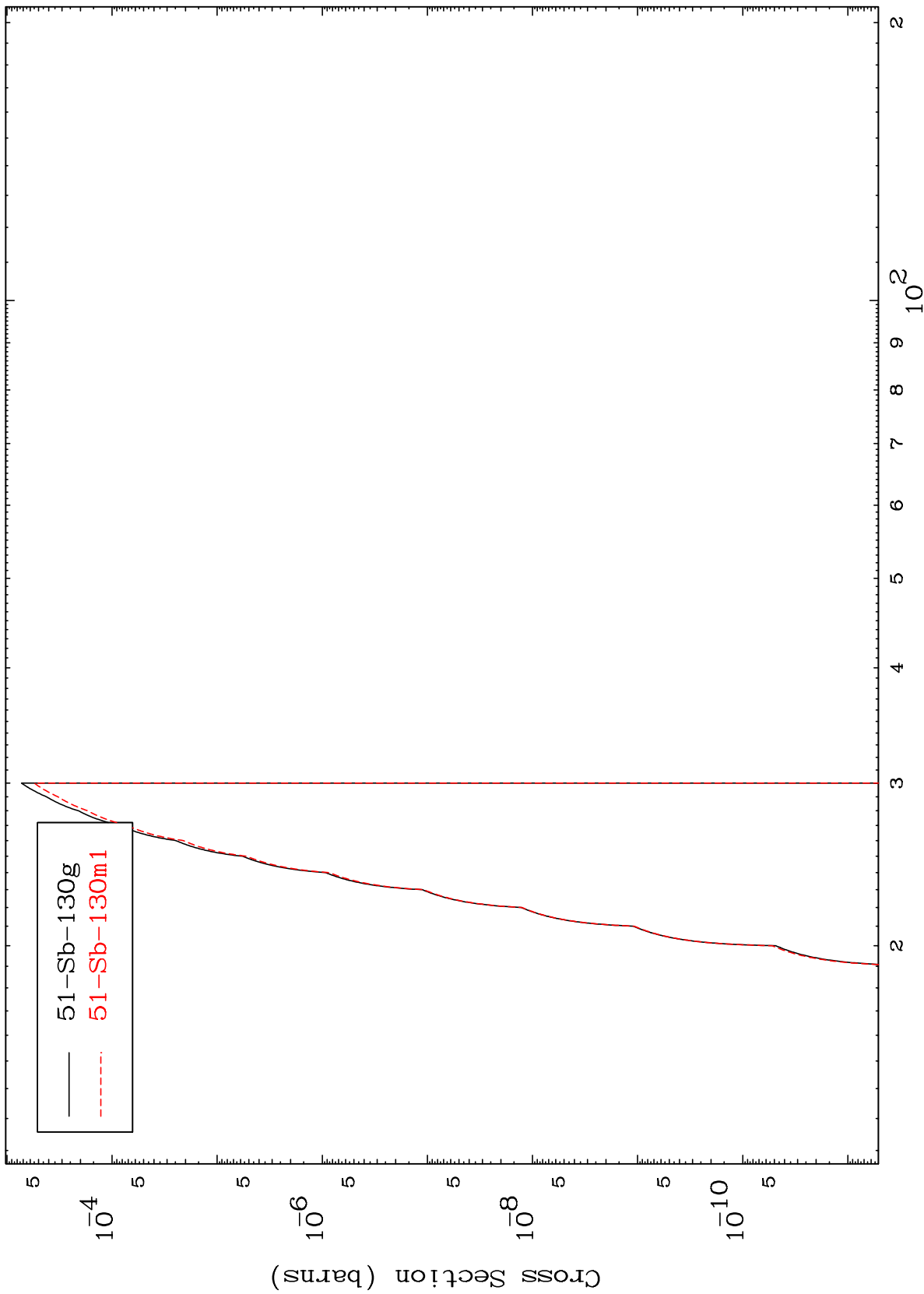
53-I -135

MAT 5349

(n,2n) α

53-I -135

Radionuclide Production Cross Section

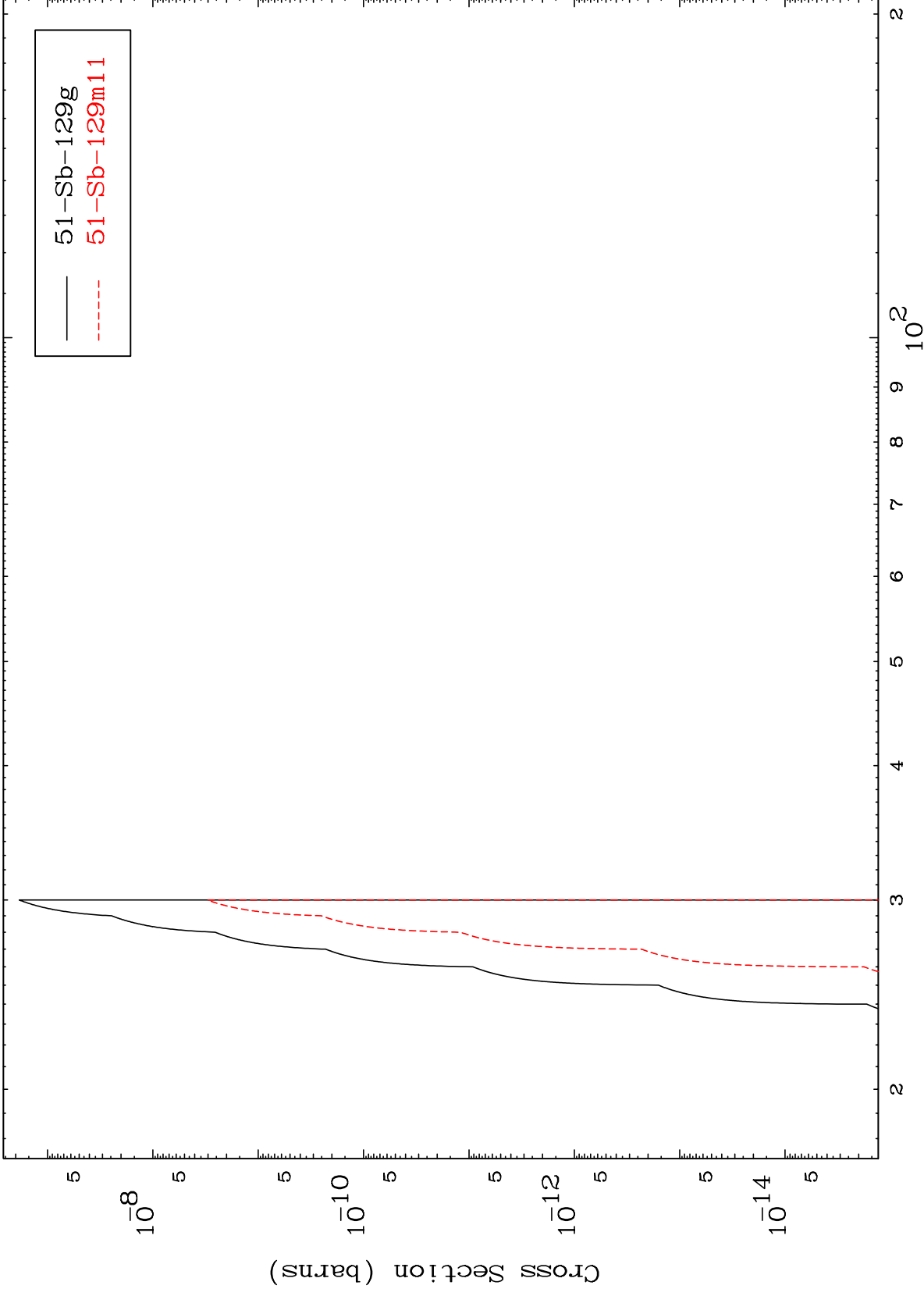


135

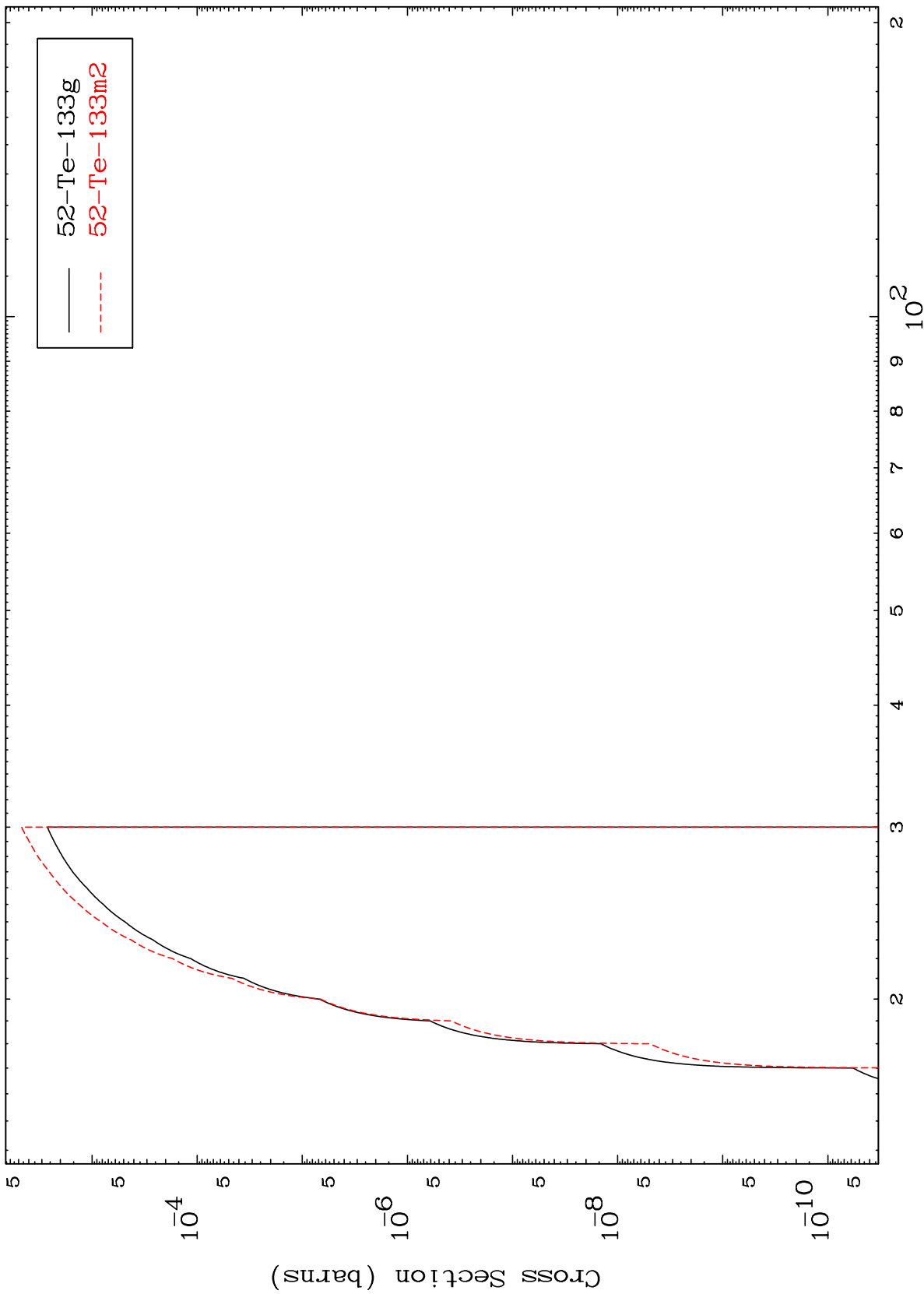
Incident Energy (MeV)

53-I -135

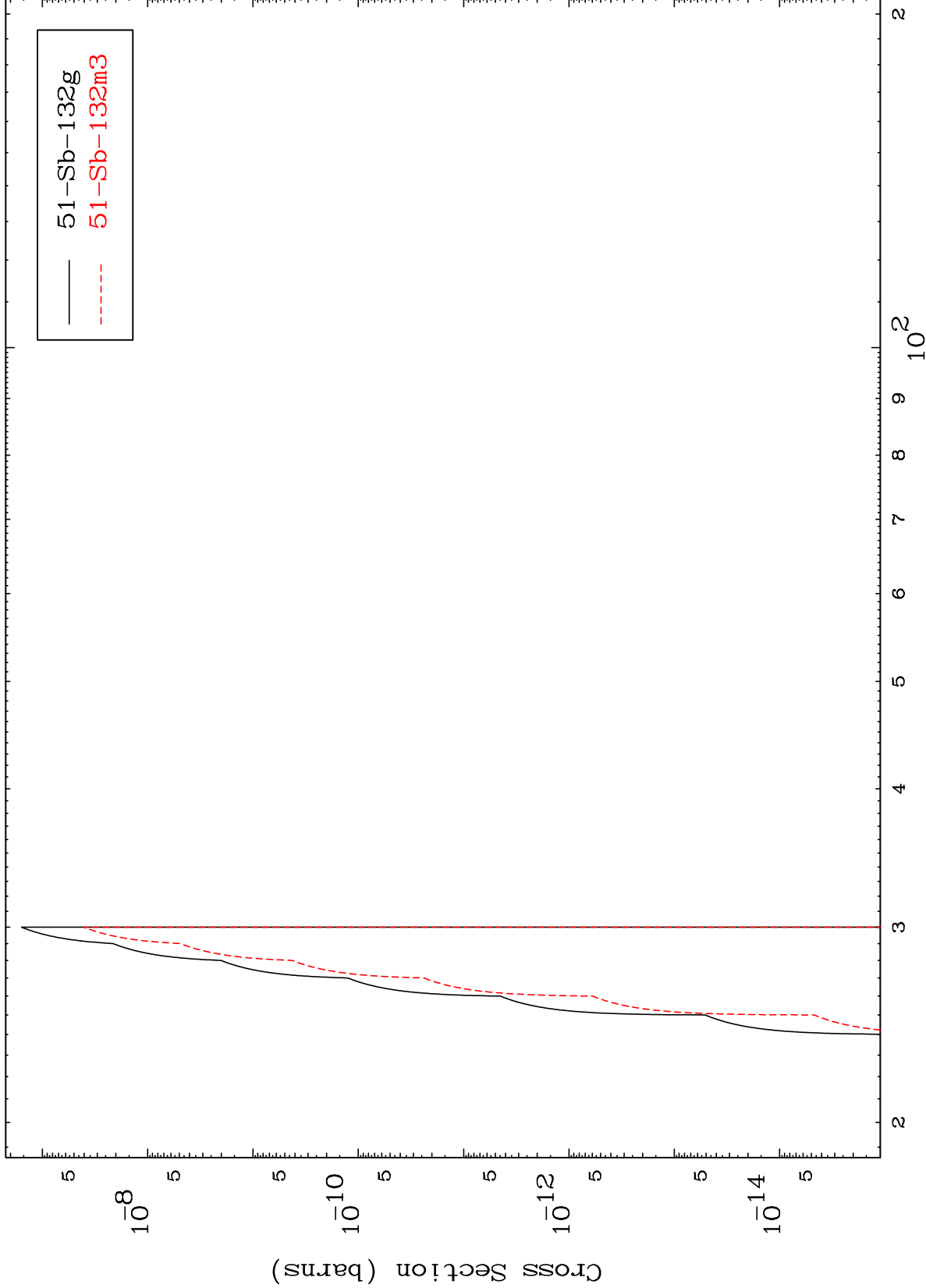
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

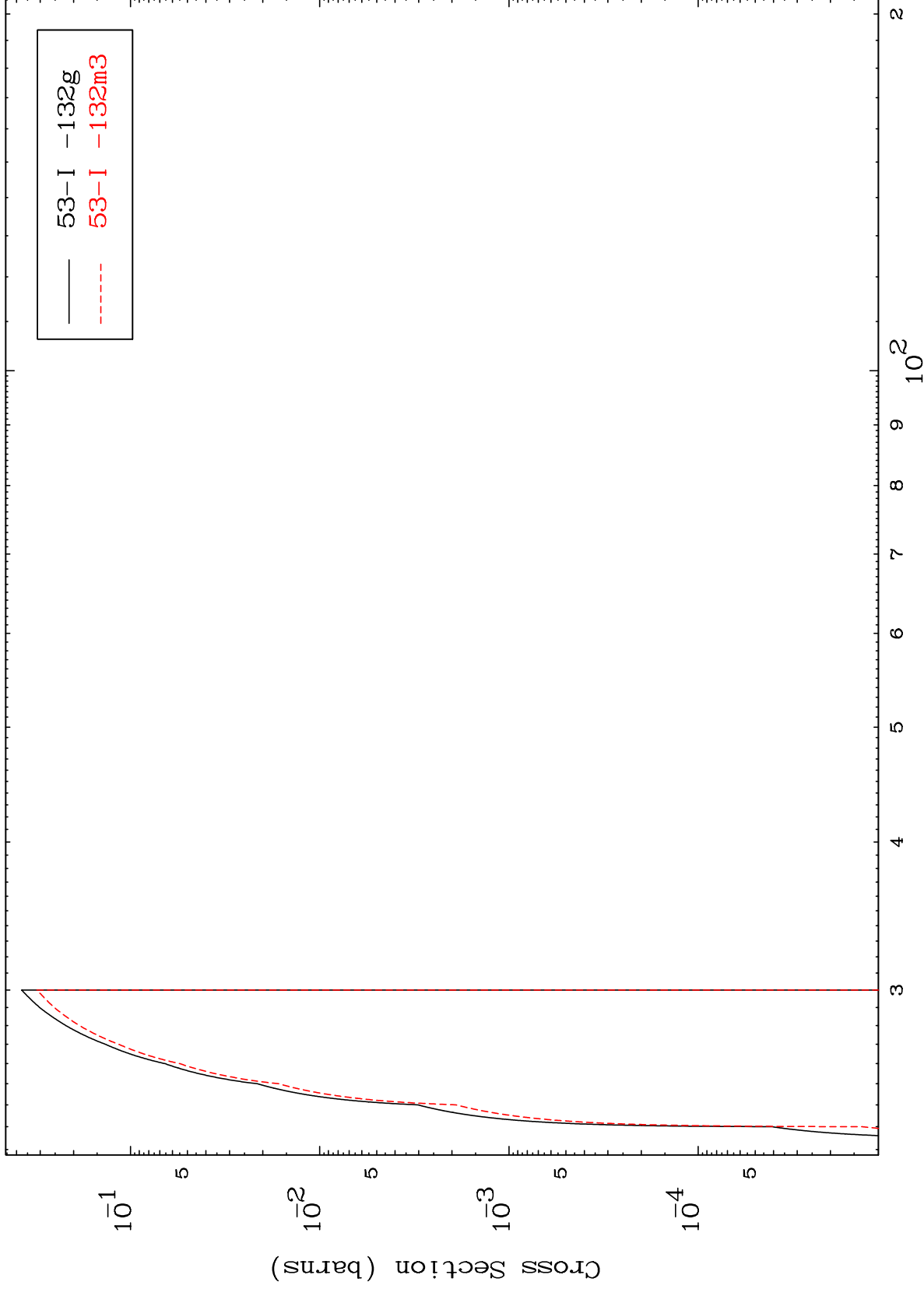


MAT 5349

(n,4n)

53-I -135

Radionuclide Production Cross Section



139

Incident Energy (MeV)

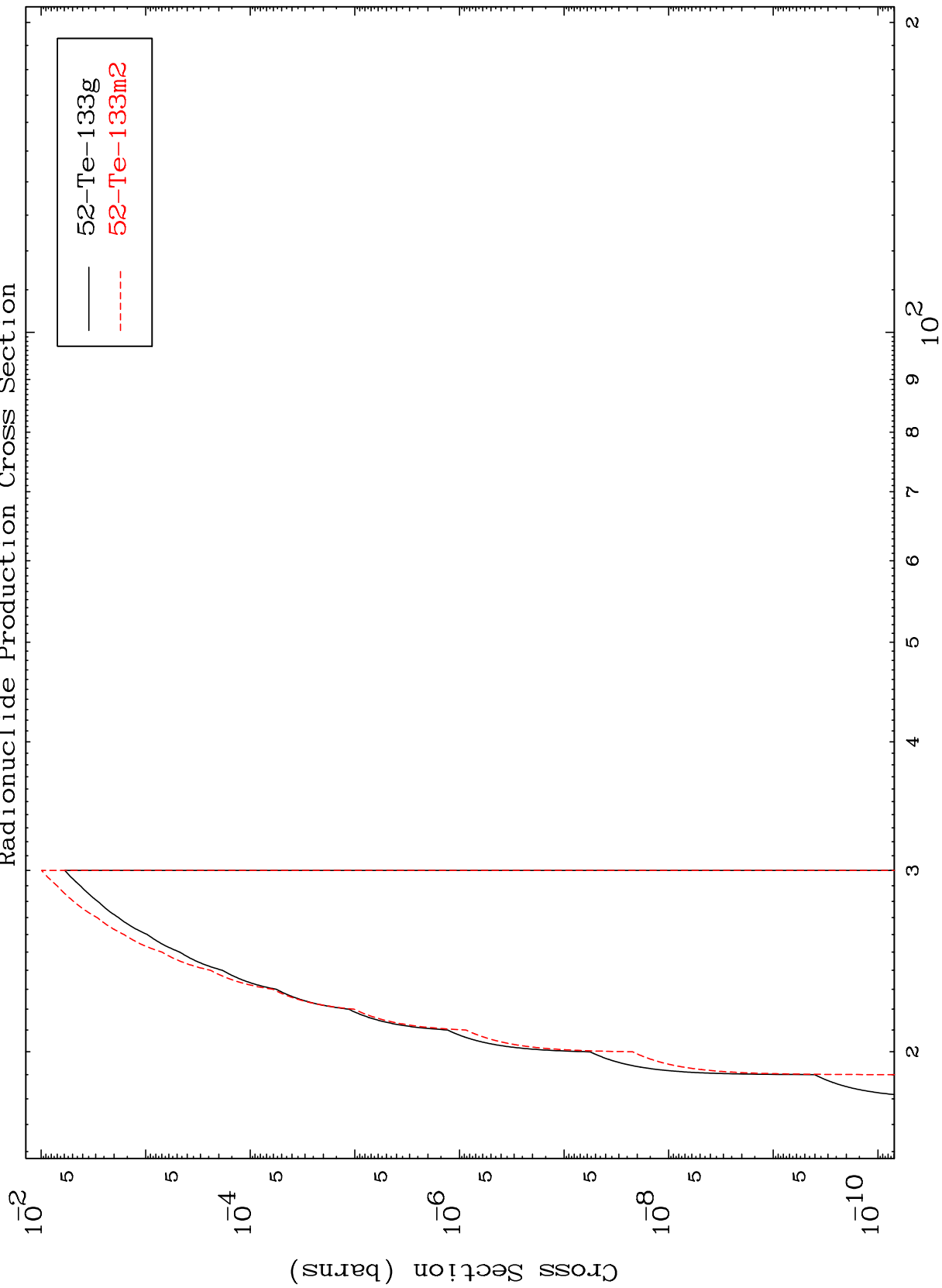
53-I -135

MAT 5349

(n,2n) p

53-I -135

Radionuclide Production Cross Section



140

Incident Energy (MeV)

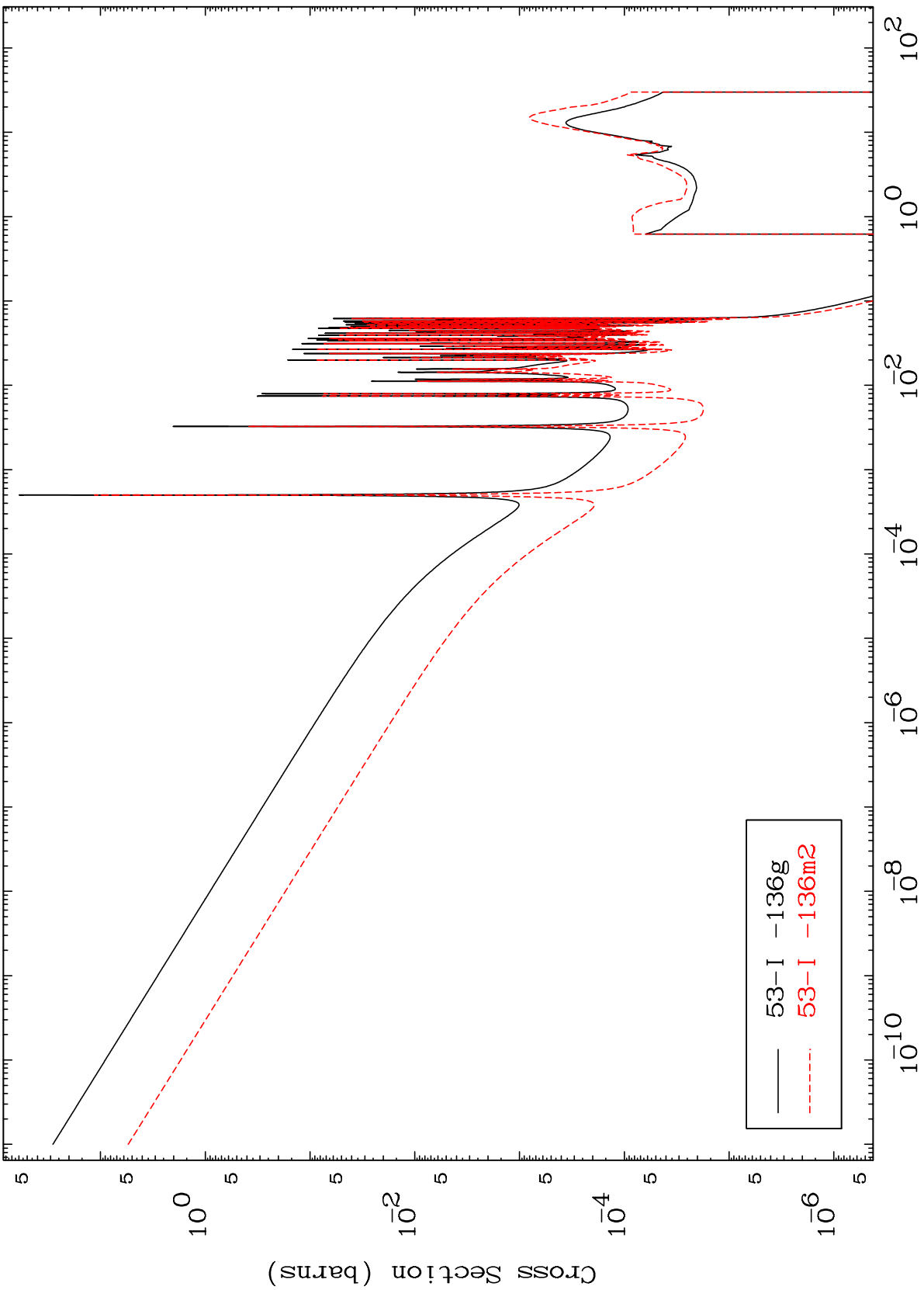
53-I -135

MAT 5349

53-I -135

Radionuclide Production Cross Section

(n,γ)



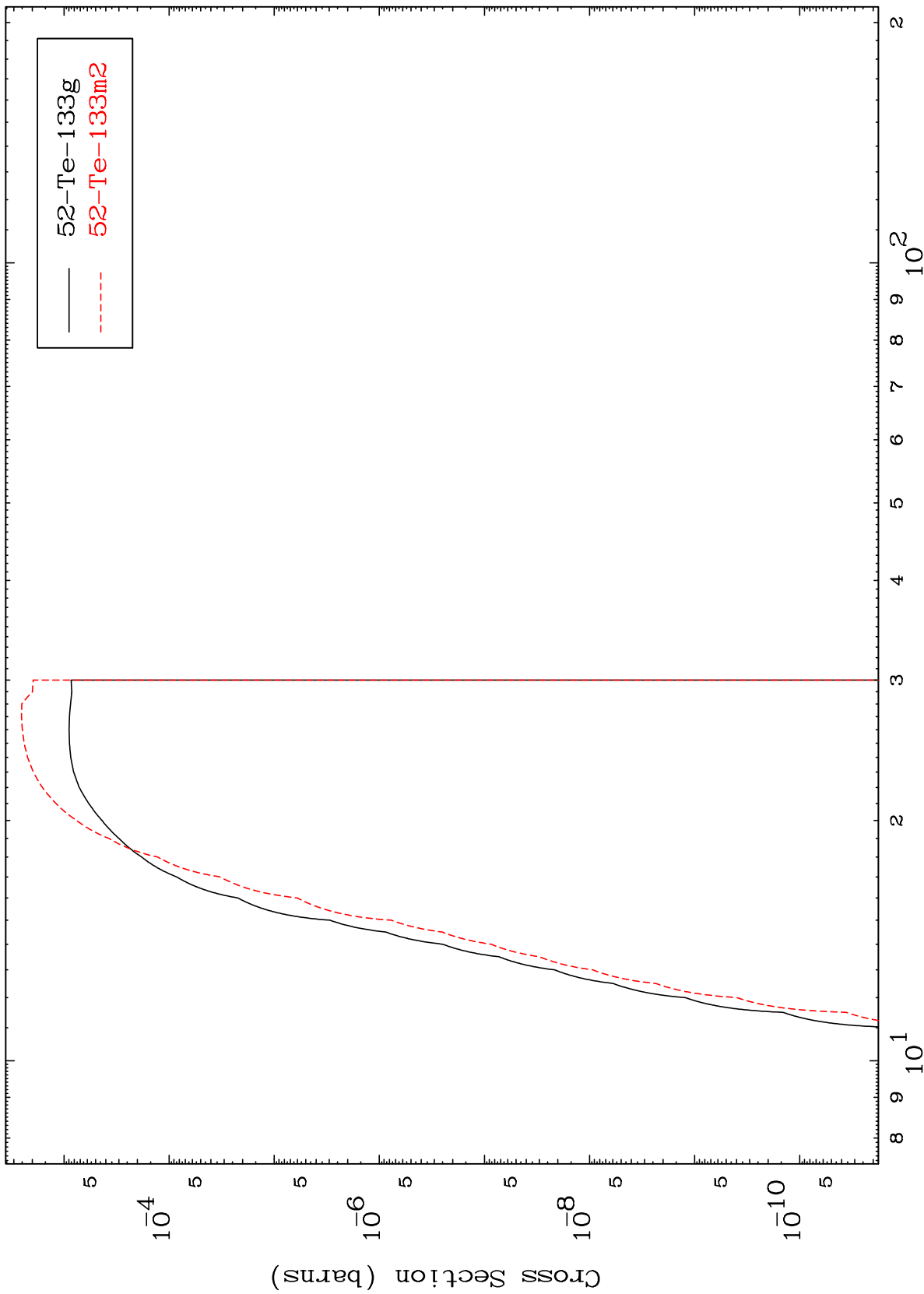
— 53-I -136g
- - - 53-I -136m2

53-I -135

Incident Energy (MeV)

141

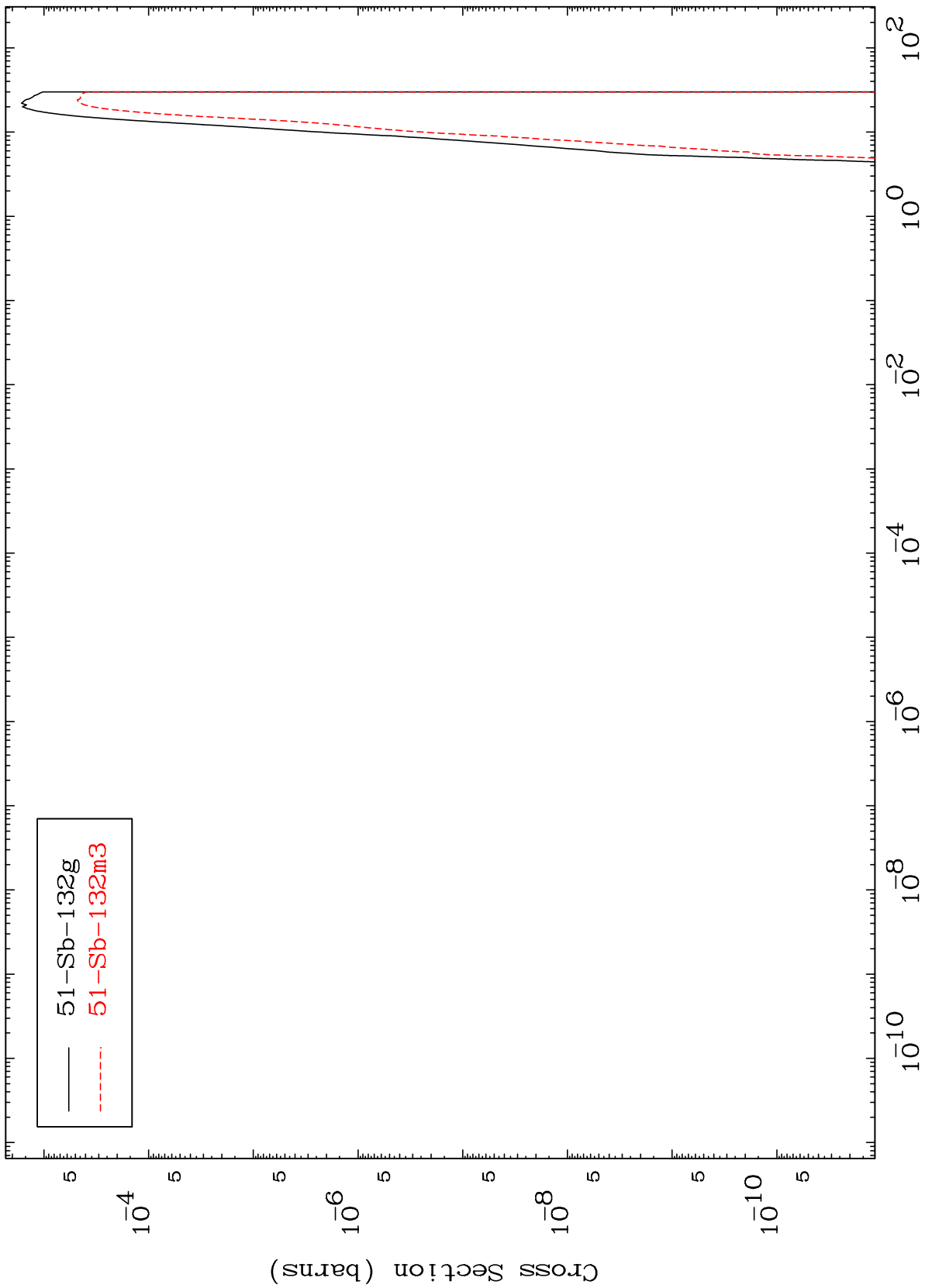
(n,t)
Radionuclide Production Cross Section



MAT 5349

53-I -135

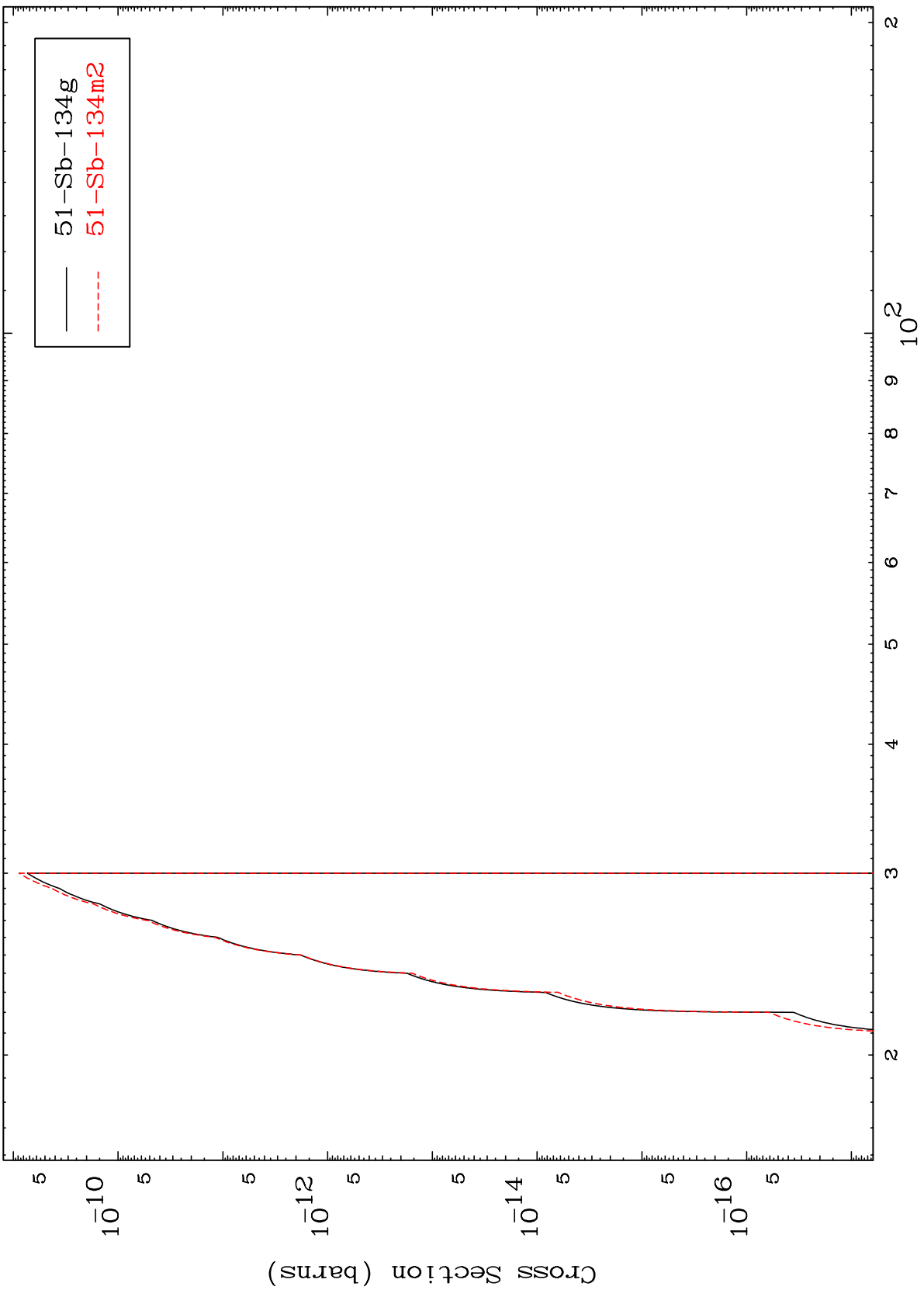
Radionuclide Production Cross Section



143

53-I -135

(n,2p)
Radionuclide Production Cross Section

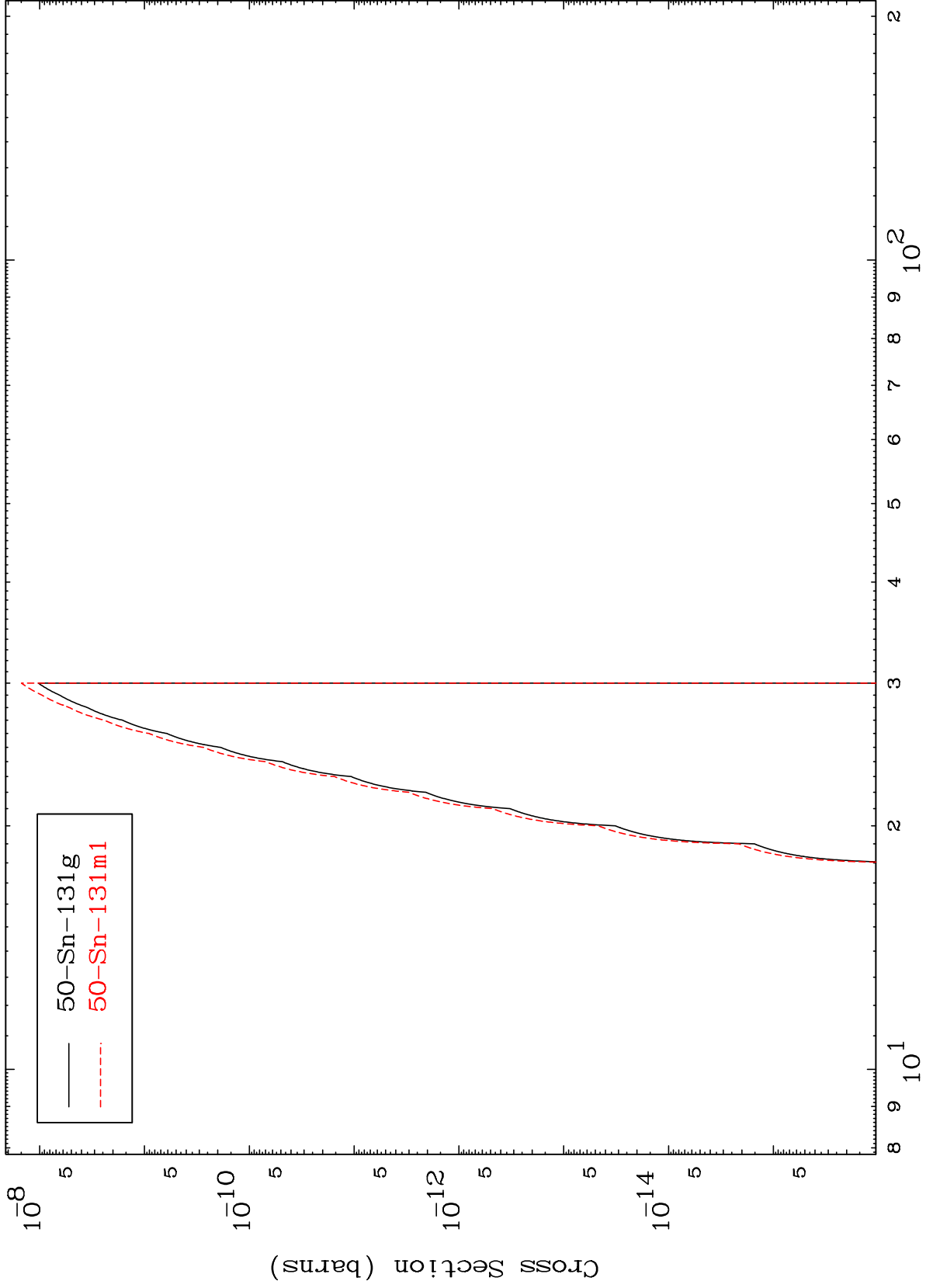


MAT 5349

(n,p) α

53-I -135

Radionuclide Production Cross Section



145

Incident Energy (MeV)

53-I -135