

Program EVALPLOT
(Version 2018-1)

by

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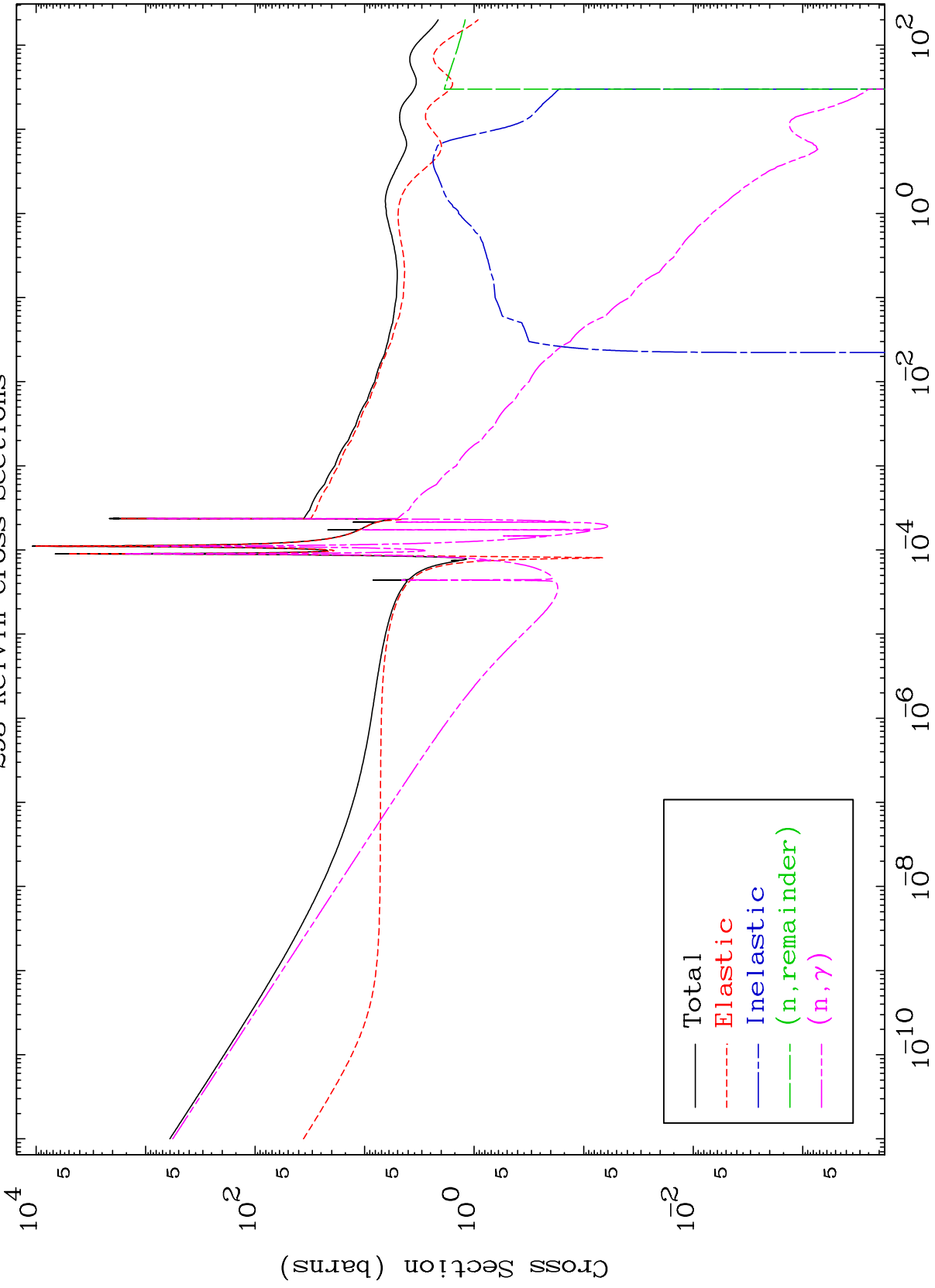
Press Mouse Button to Start

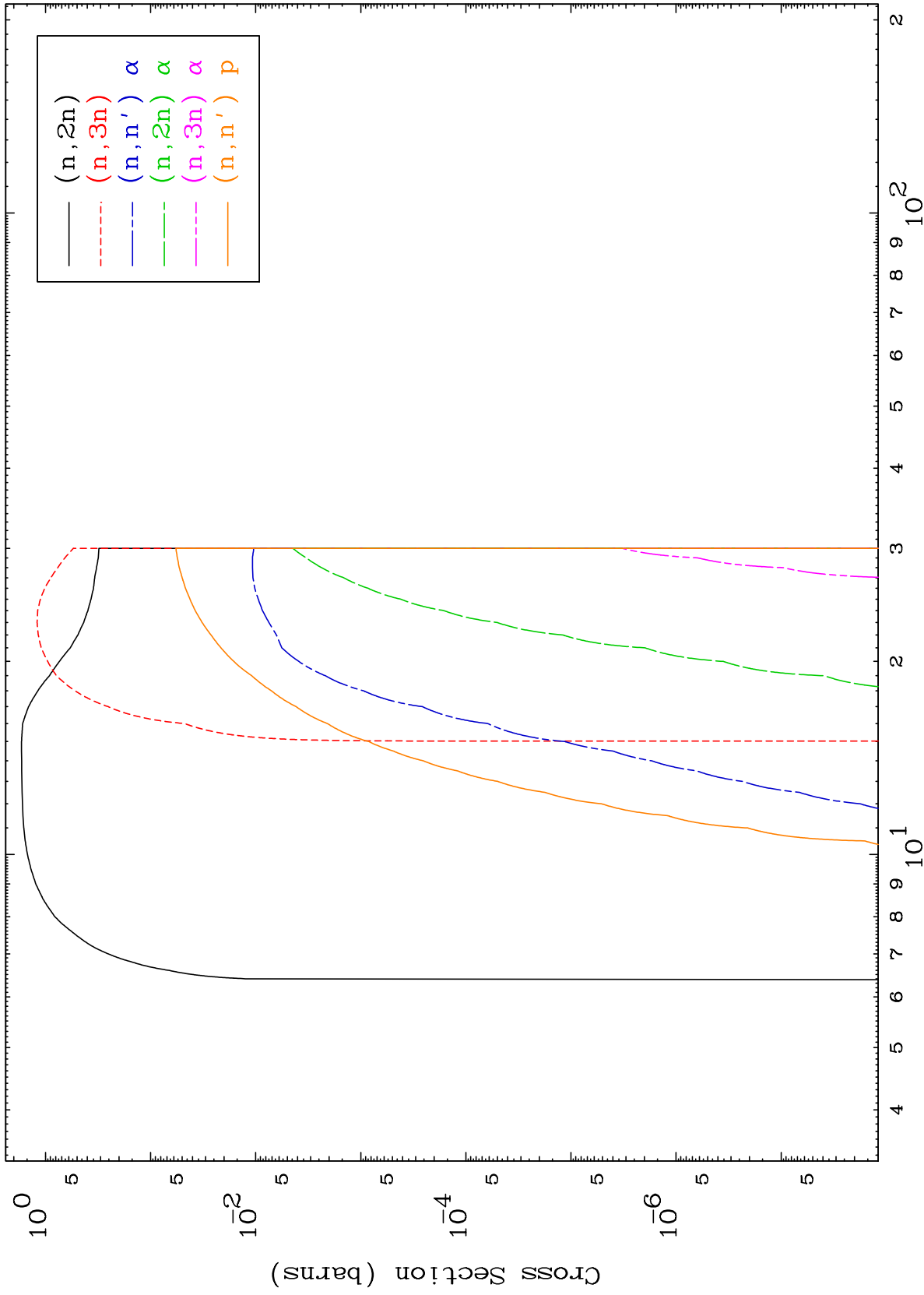
MAT 5340

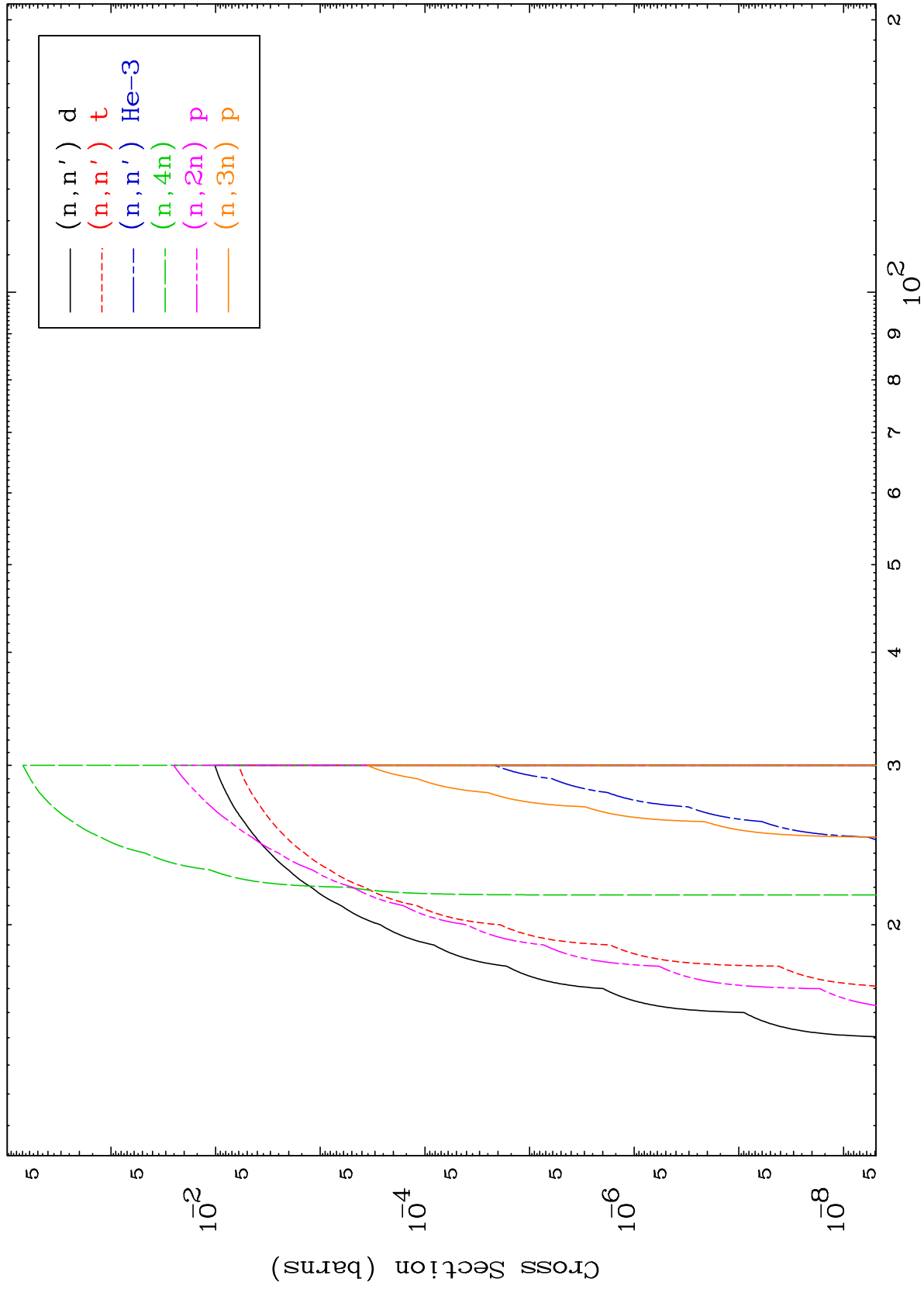
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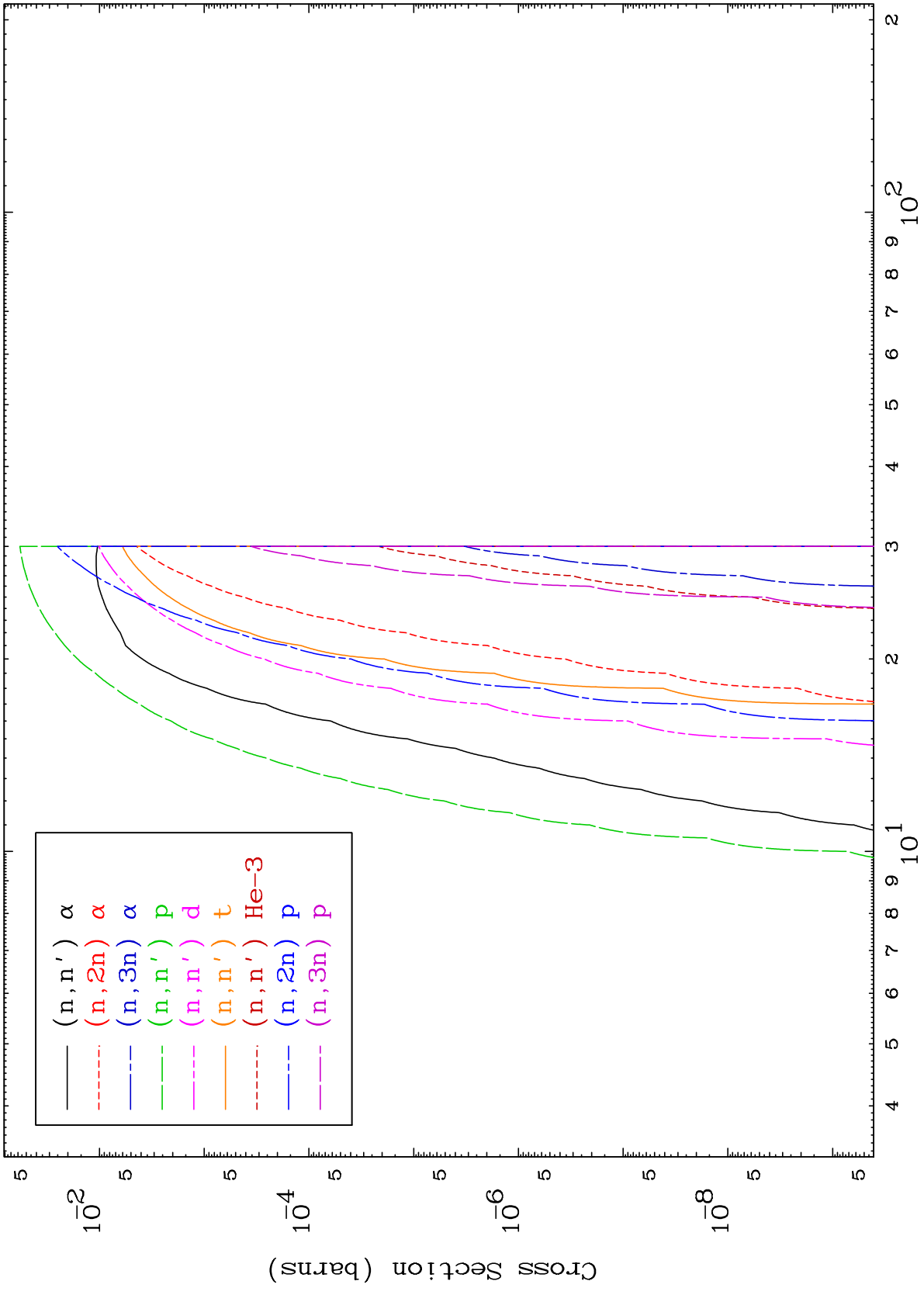
293 Kelvin Cross Sections

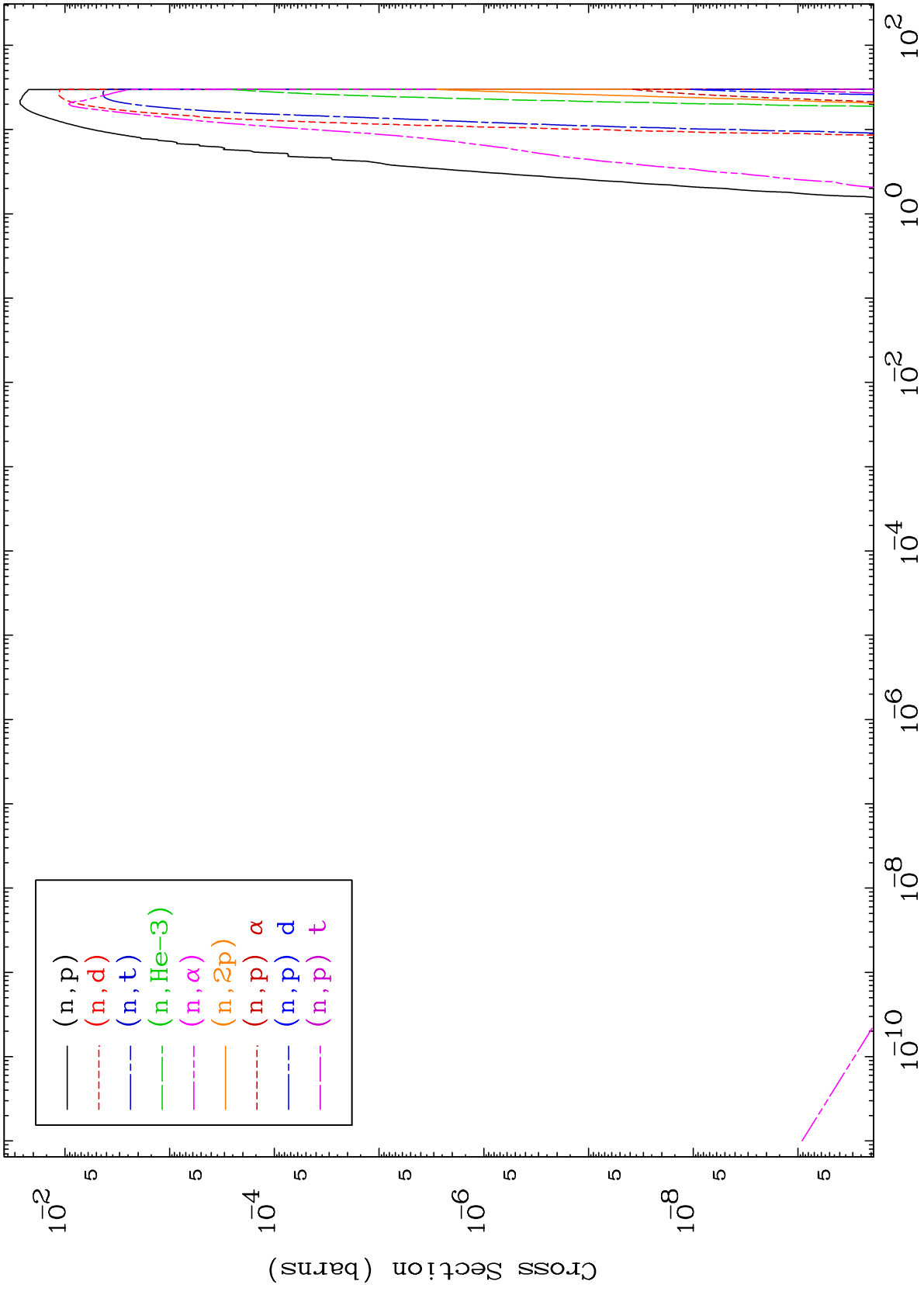
53-I -132

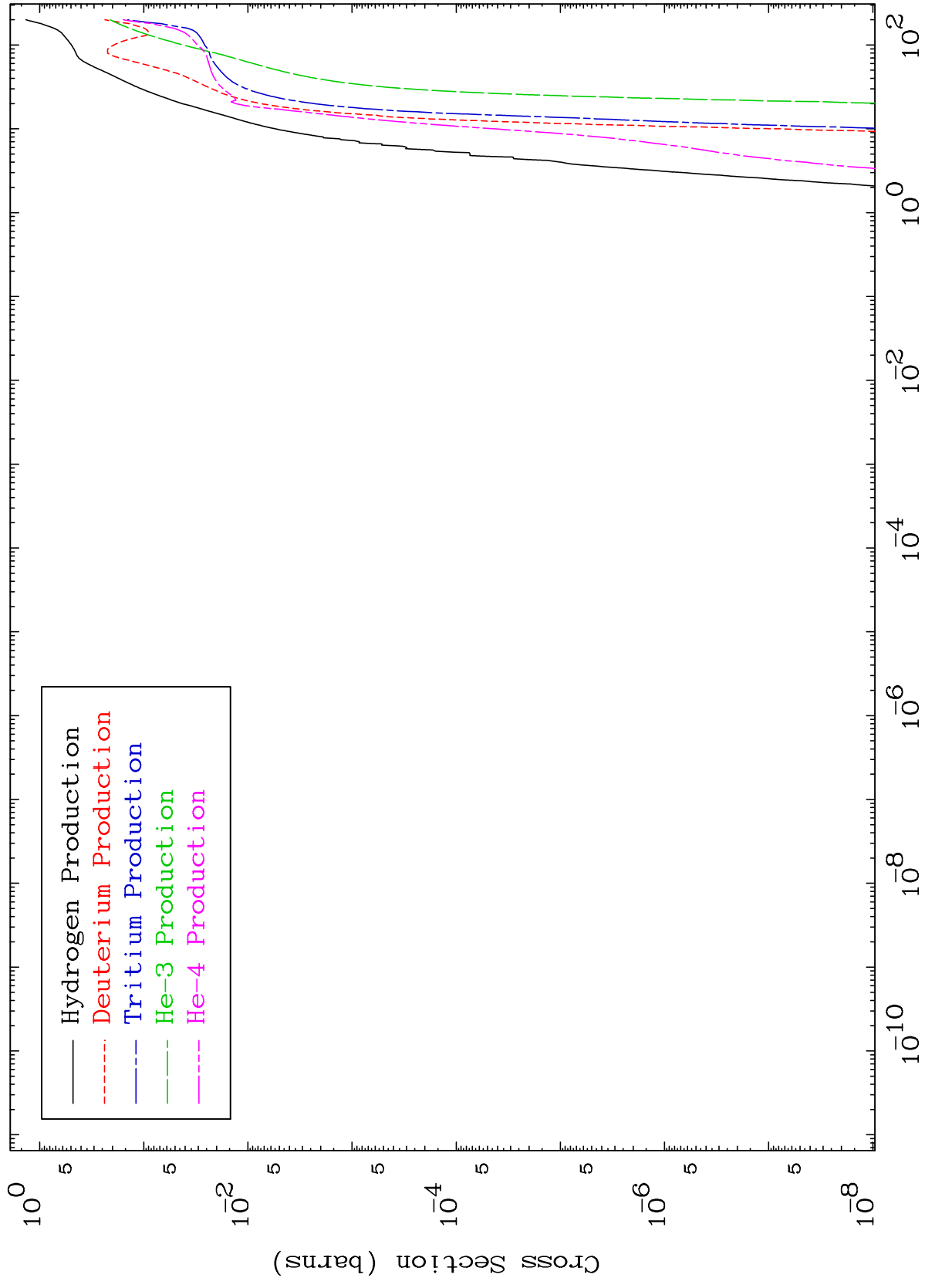


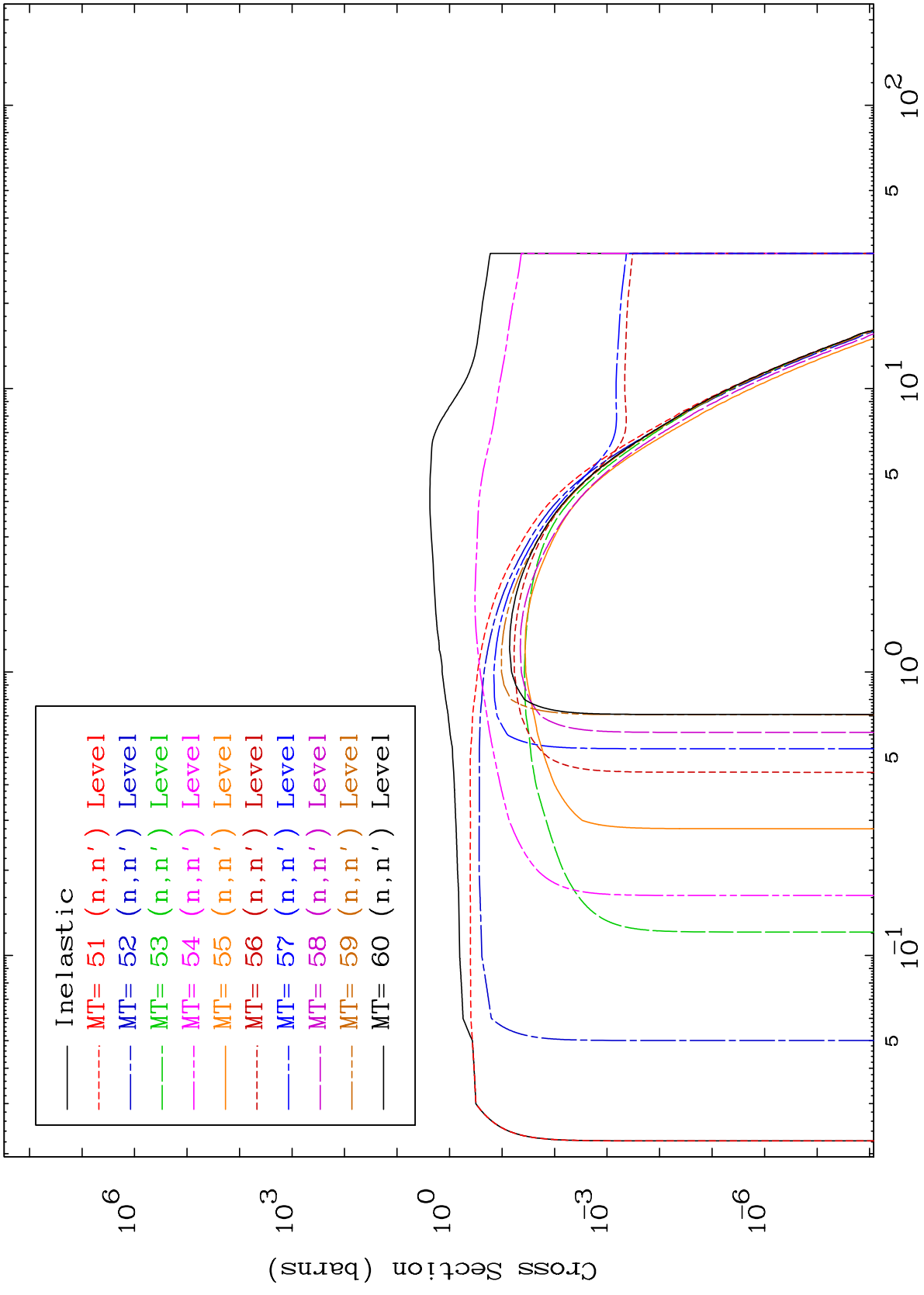










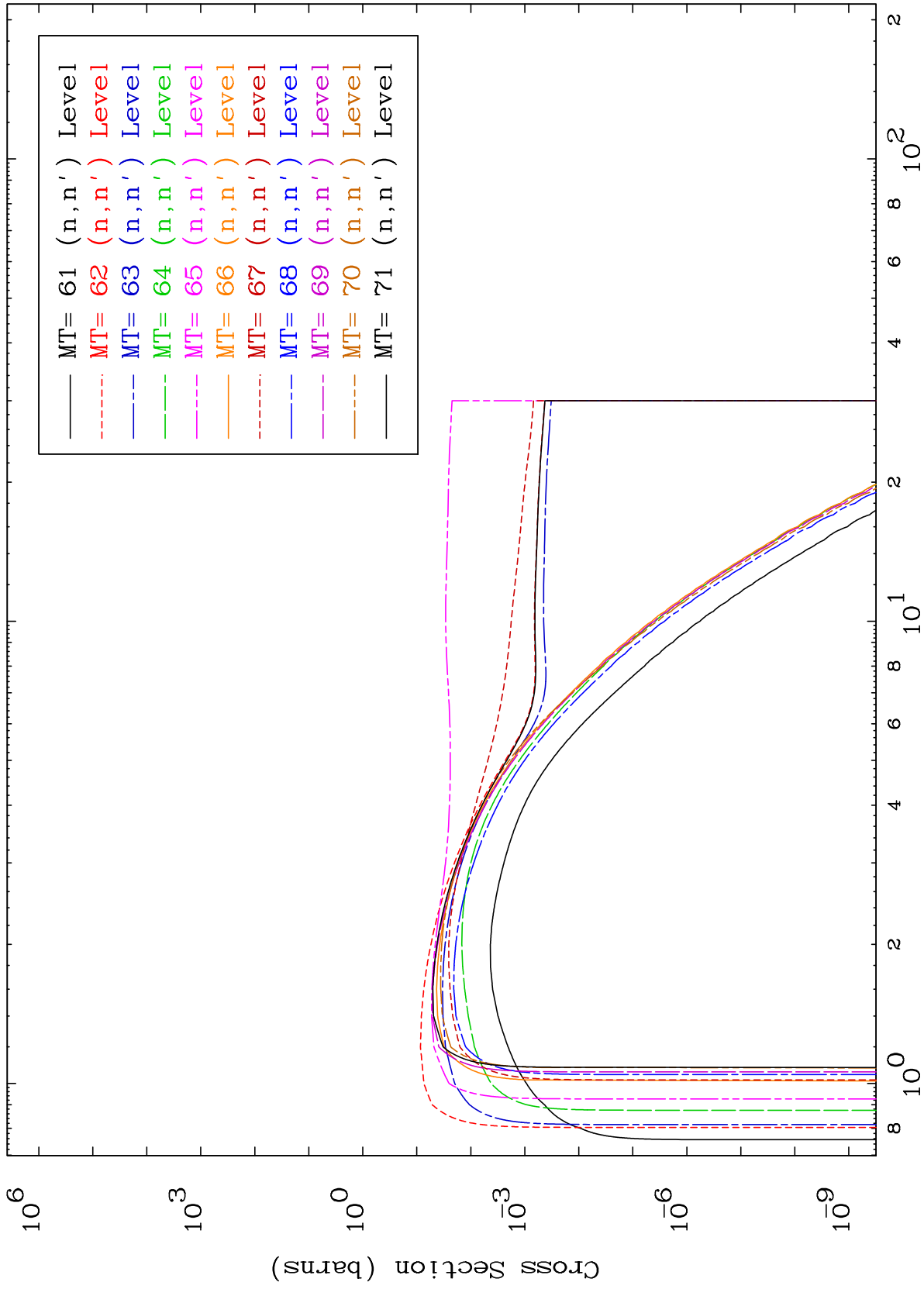


MAT 5340

(n,n') Level

53-I -132

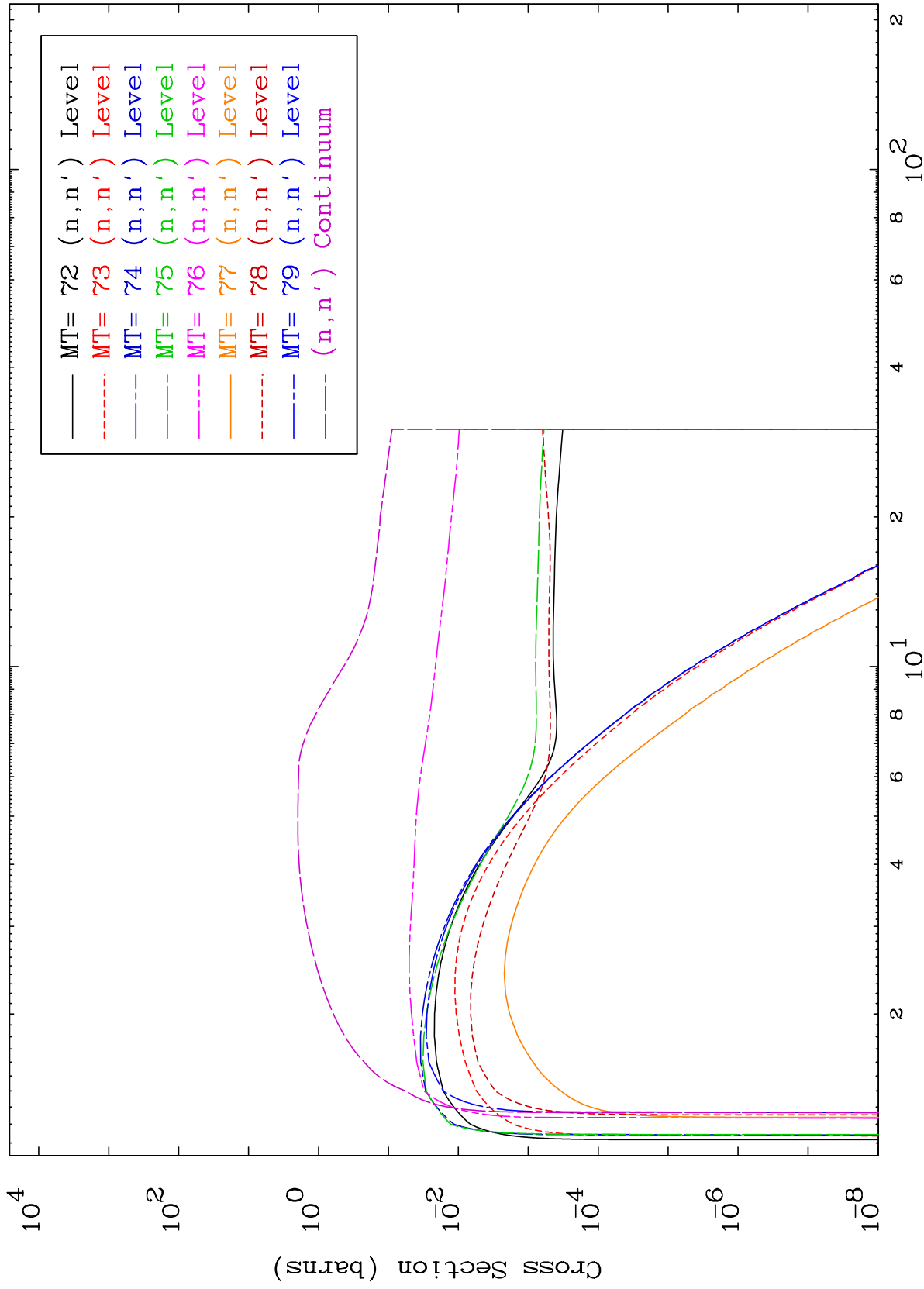
293 Kelvin Cross Sections



8

Incident Energy (MeV)

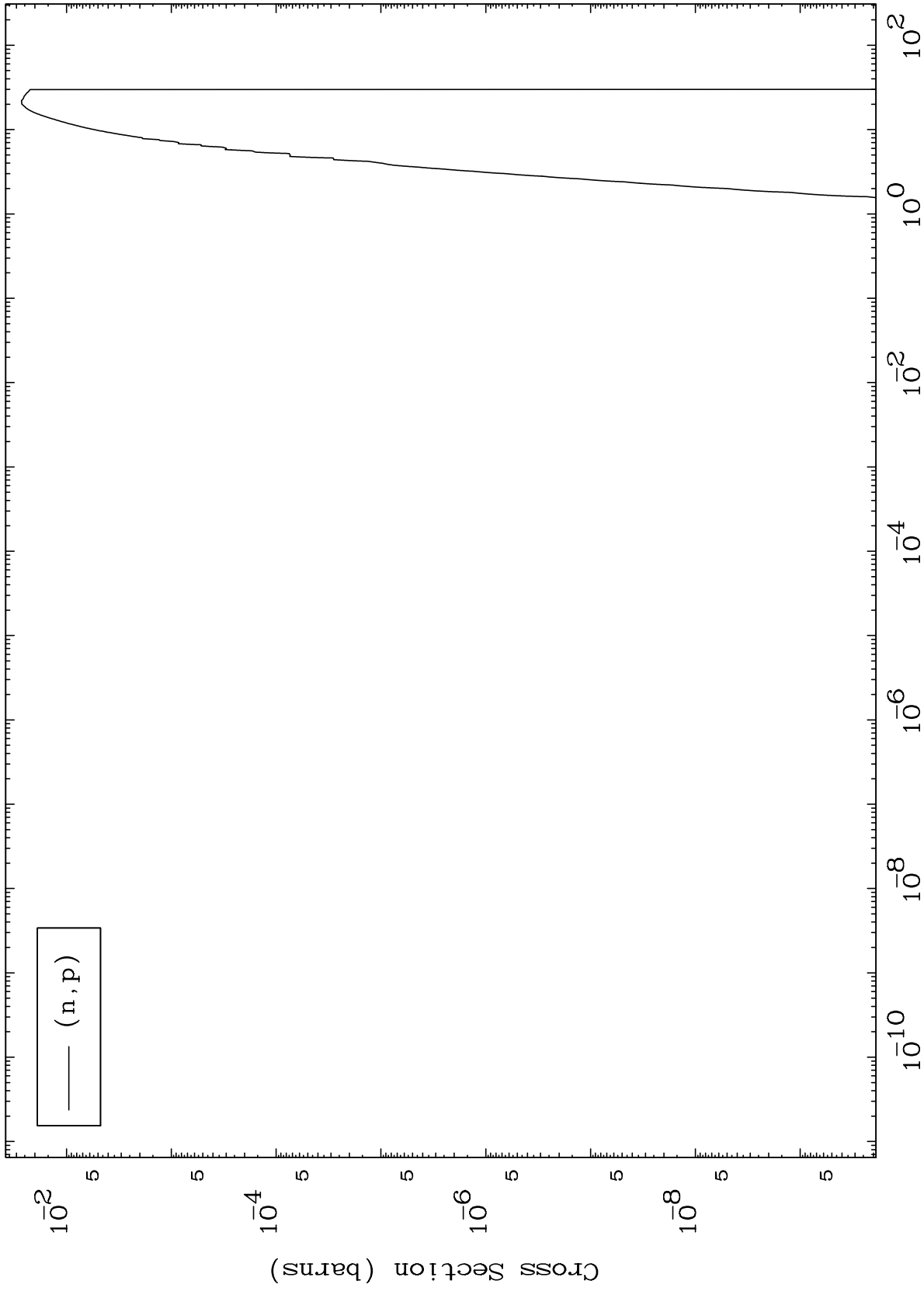
53-I -132



MAT 5340

(n,p) Levels
293 Kelvin Cross Sections

53-I -132



10

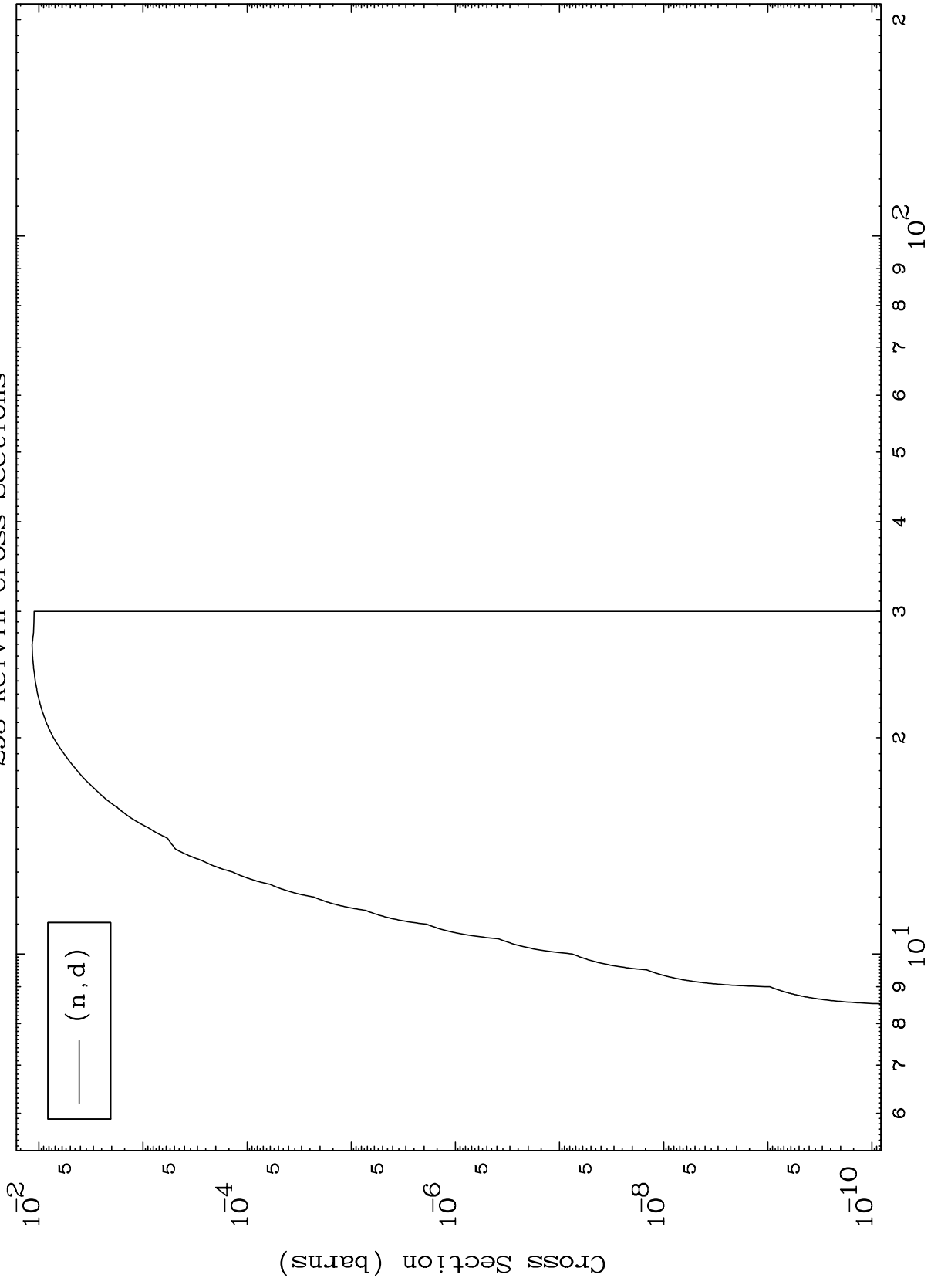
Incident Energy (MeV)

53-I -132

MAT 5340

(n,d) Levels
293 Kelvin Cross Sections

53-I -132



11

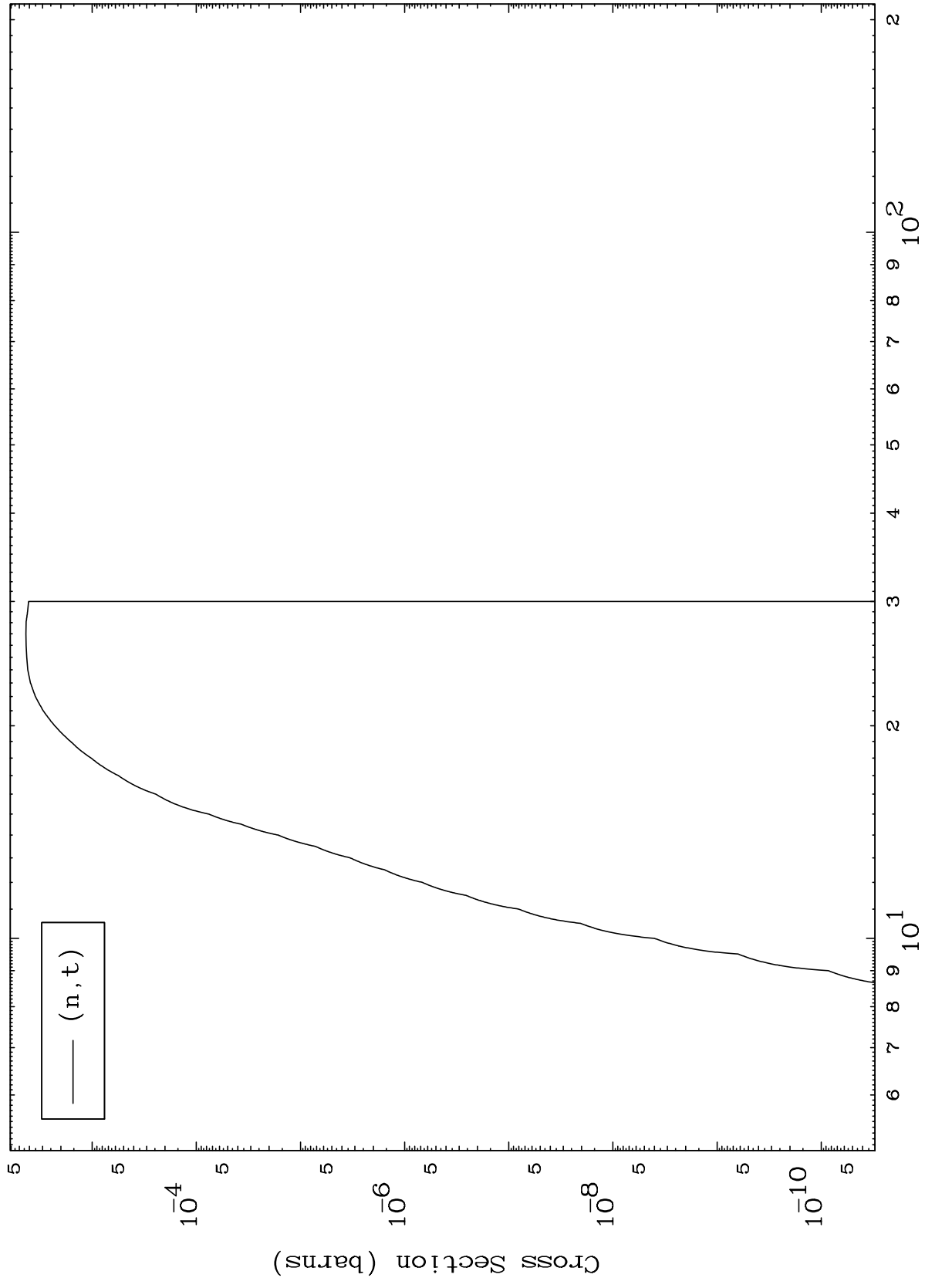
Incident Energy (MeV)

53-I -132

MAT 5340

(n,t) Levels
293 Kelvin Cross Sections

53-I -132



12

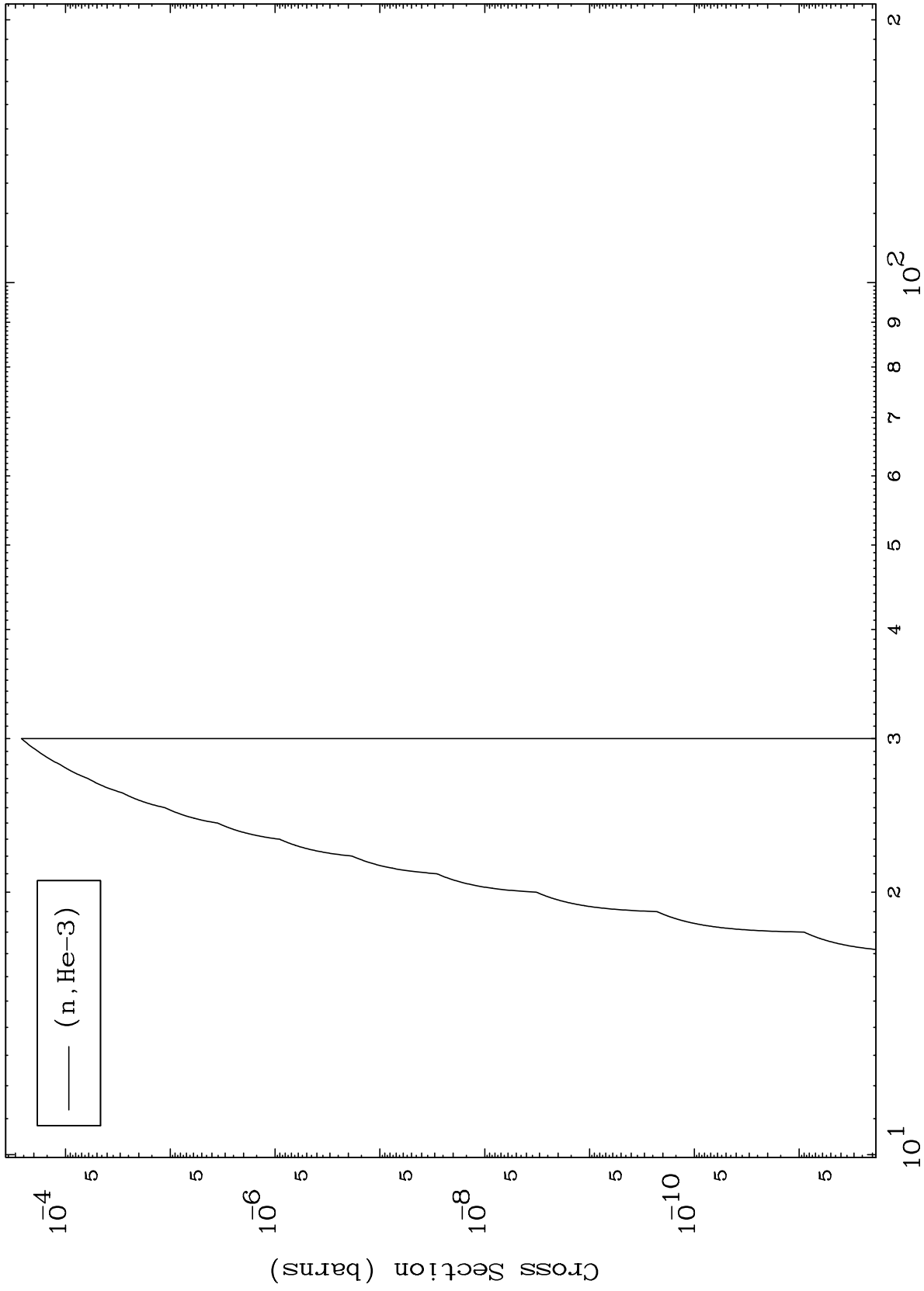
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53-I -132

MAT 5340

(n,He3) Levels
293 Kelvin Cross Sections

53-I -132



13

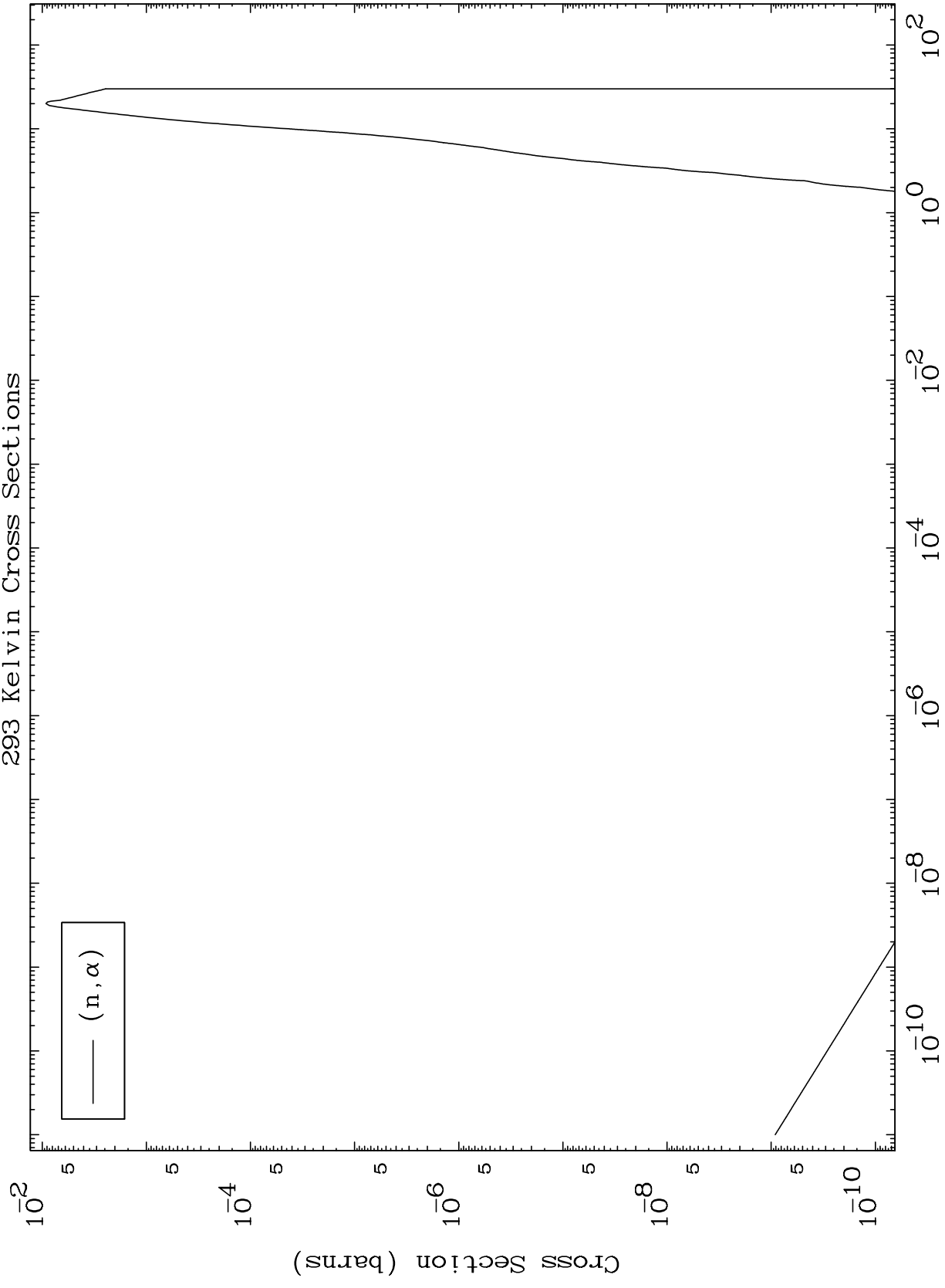
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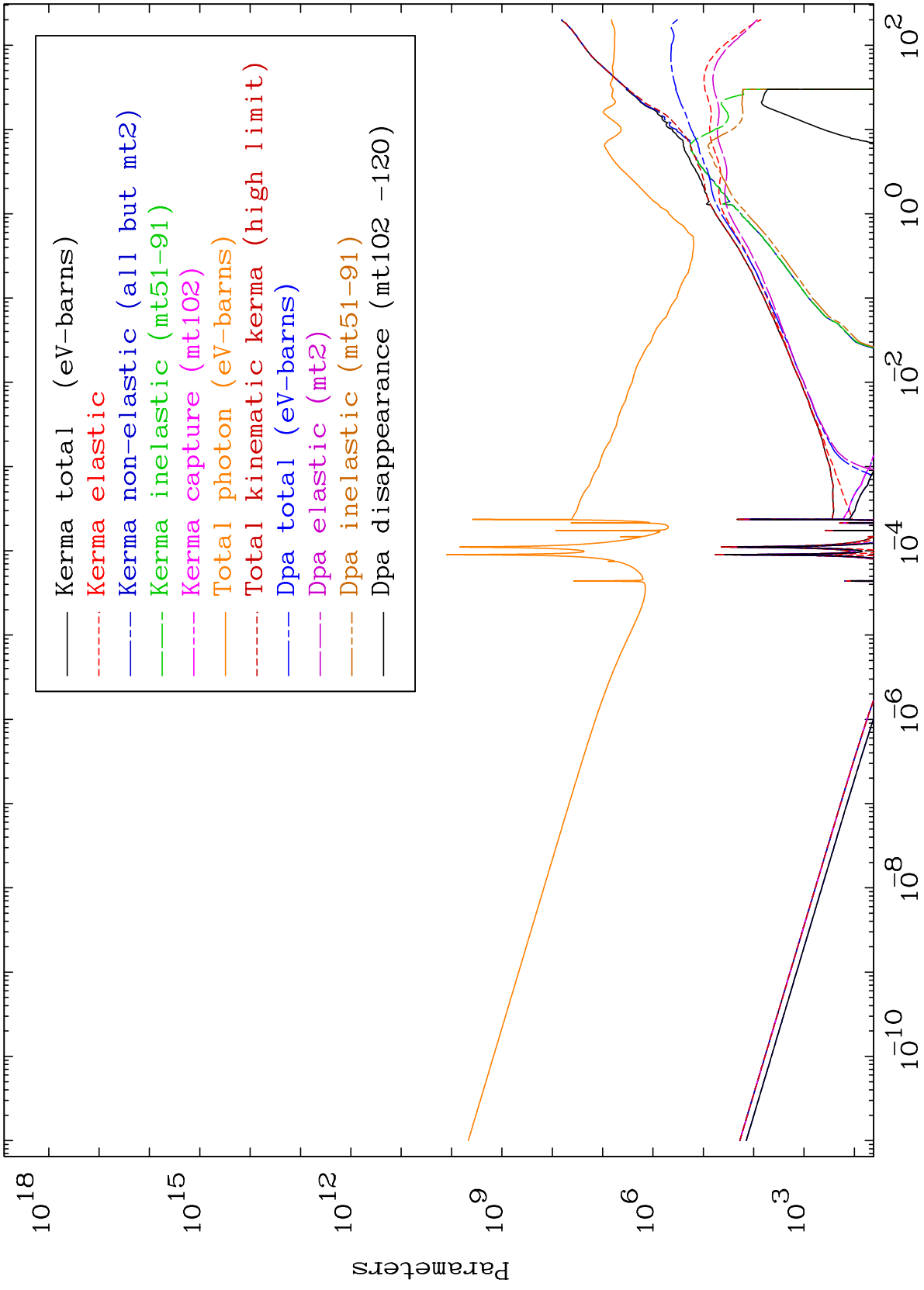
53-I -132

MAT 5340

(n,α) Levels
293 Kelvin Cross Sections

53-I -132

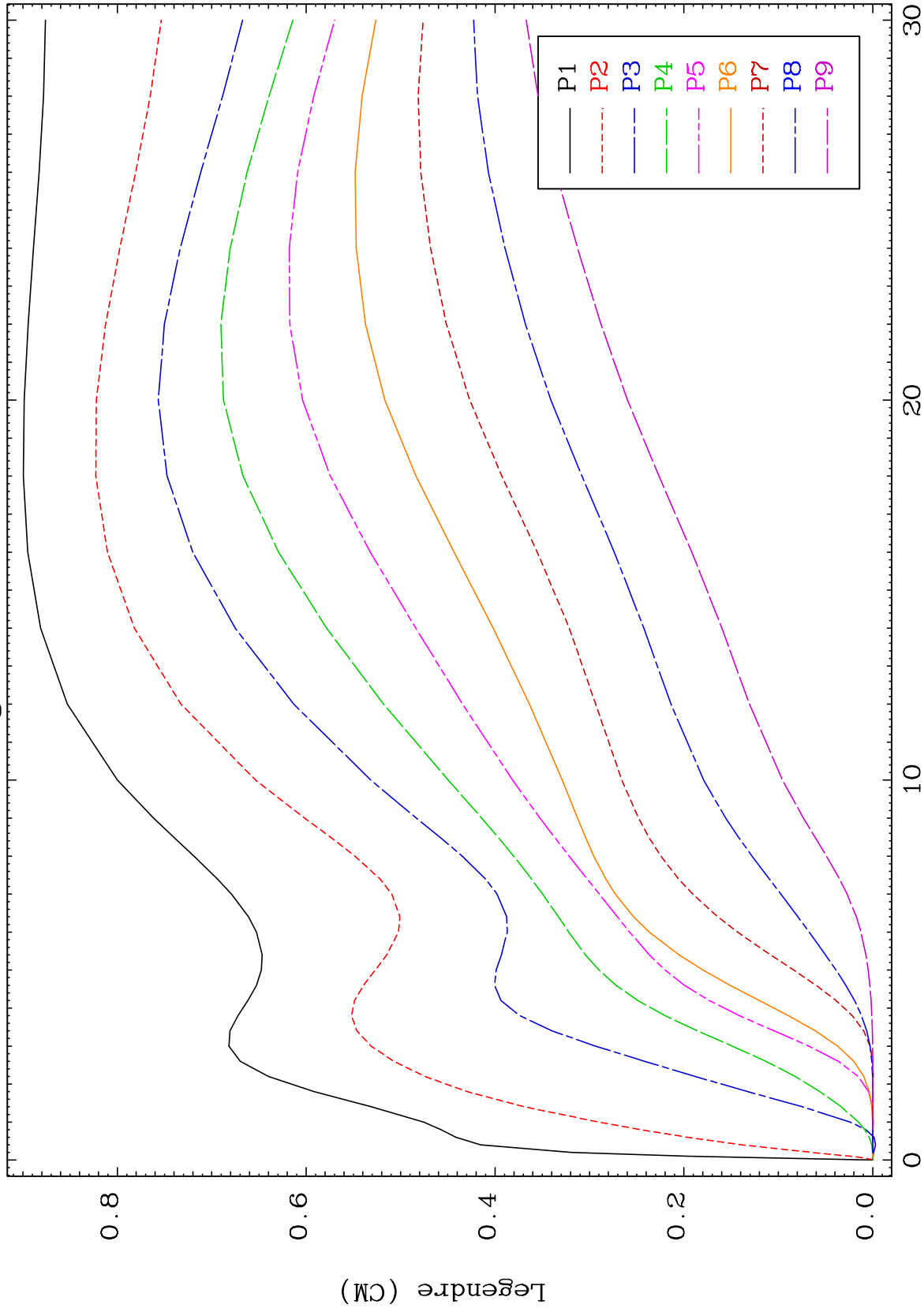




MAT 5340

Elastic Legendre Coefficients

53-I -132



16

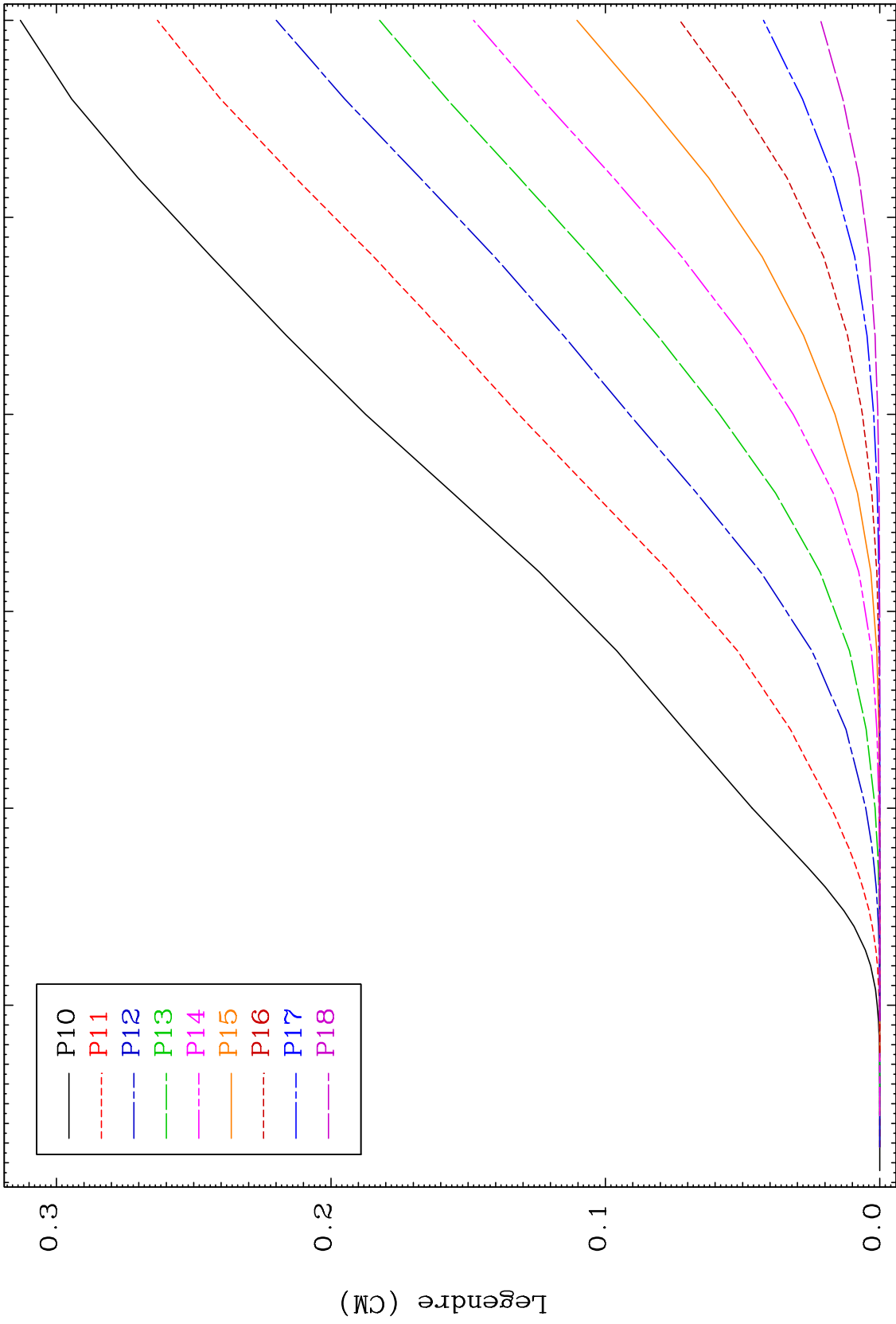
Incident Energy (MeV)

53-I -132

MAT 5340

Elastic Legendre Coefficients

53-I -132



17

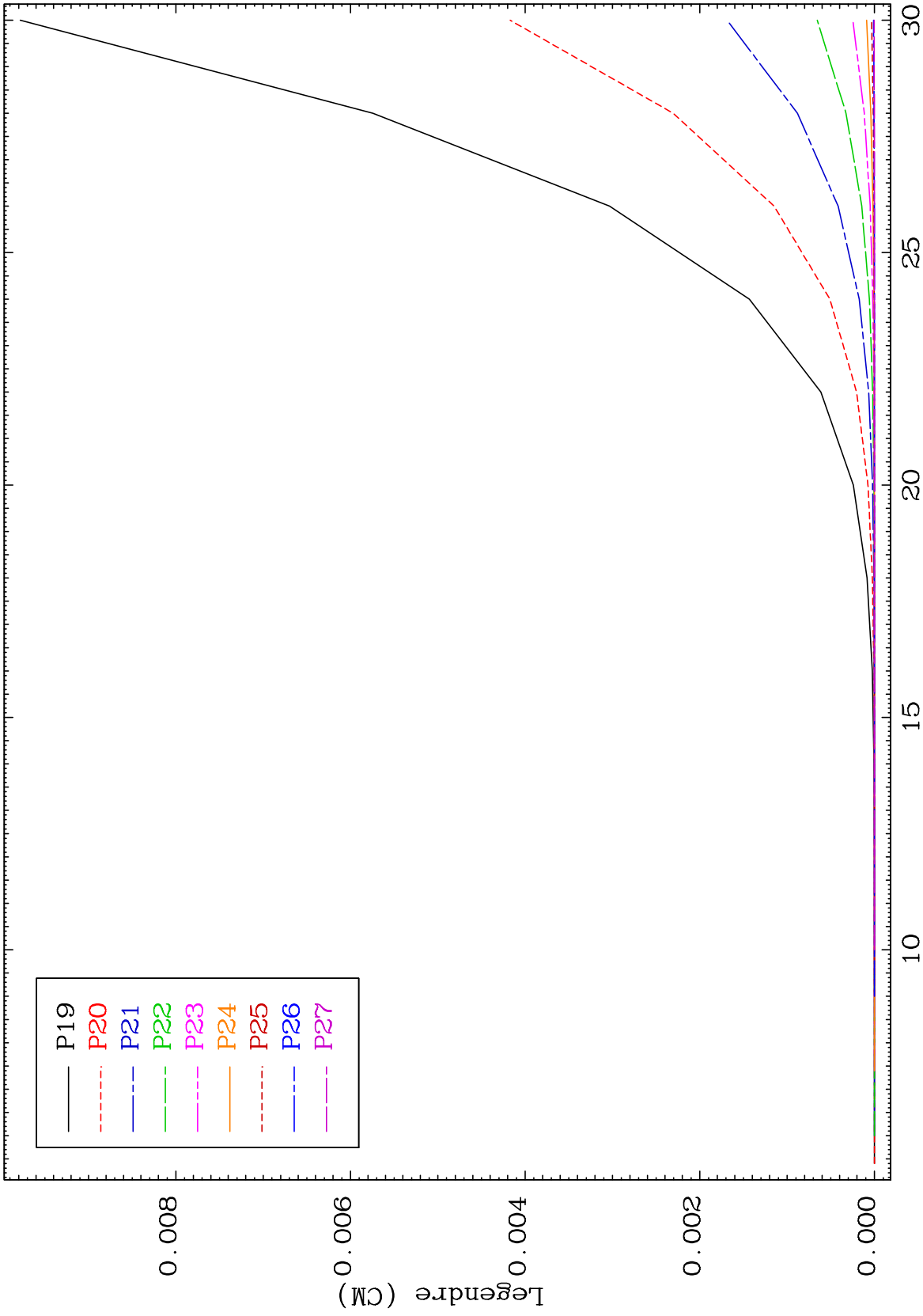
Incident Energy (MeV)

53-I -132

MAT 5340

Elastic Legendre Coefficients

53-I -132



18

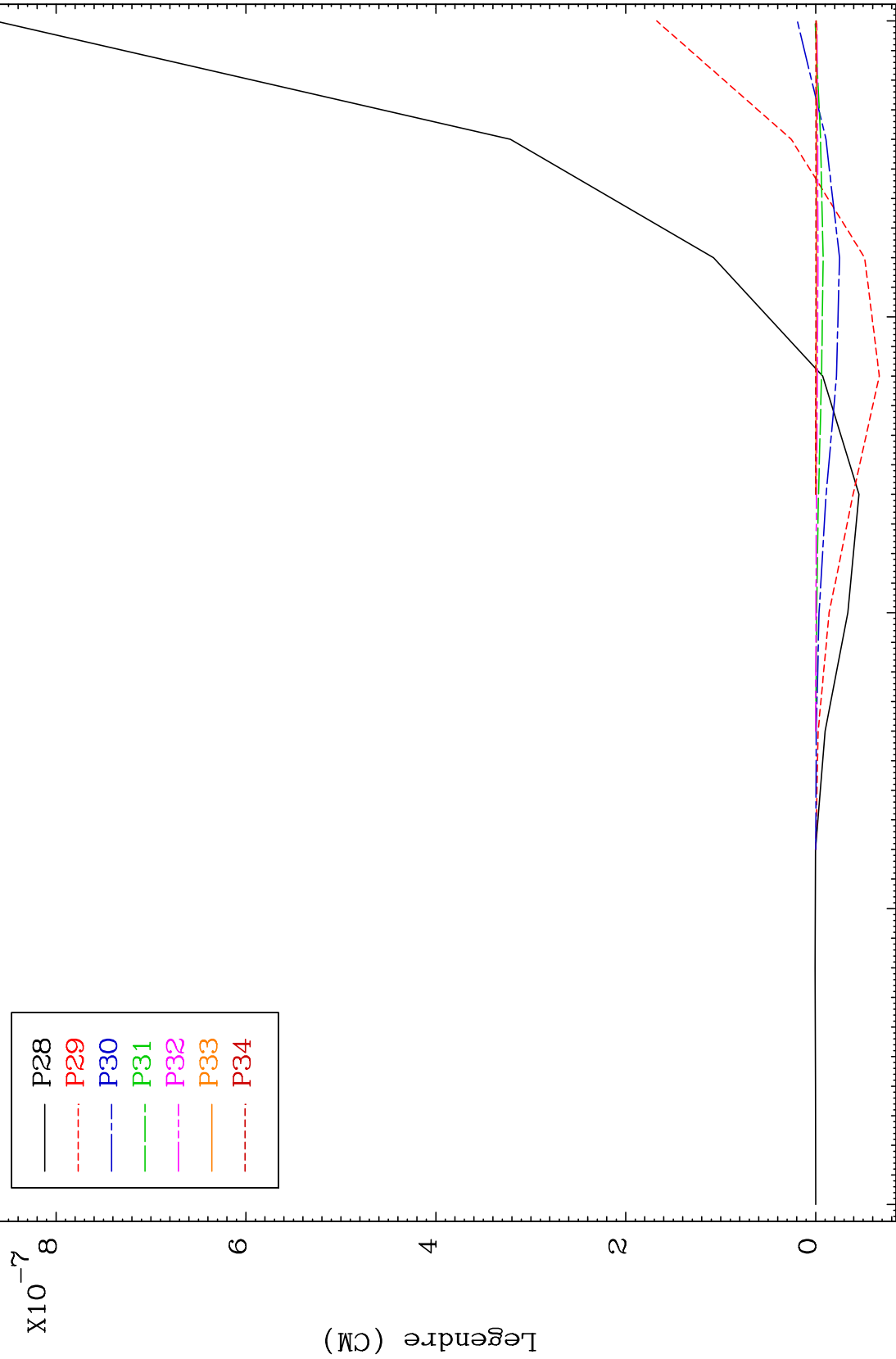
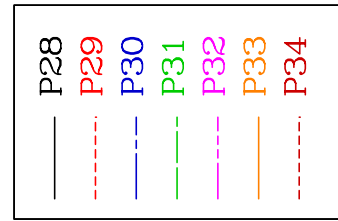
Incident Energy (MeV)

53-I -132

MAT 5340

Elastic
Legendre Coefficients

53-I -132



19

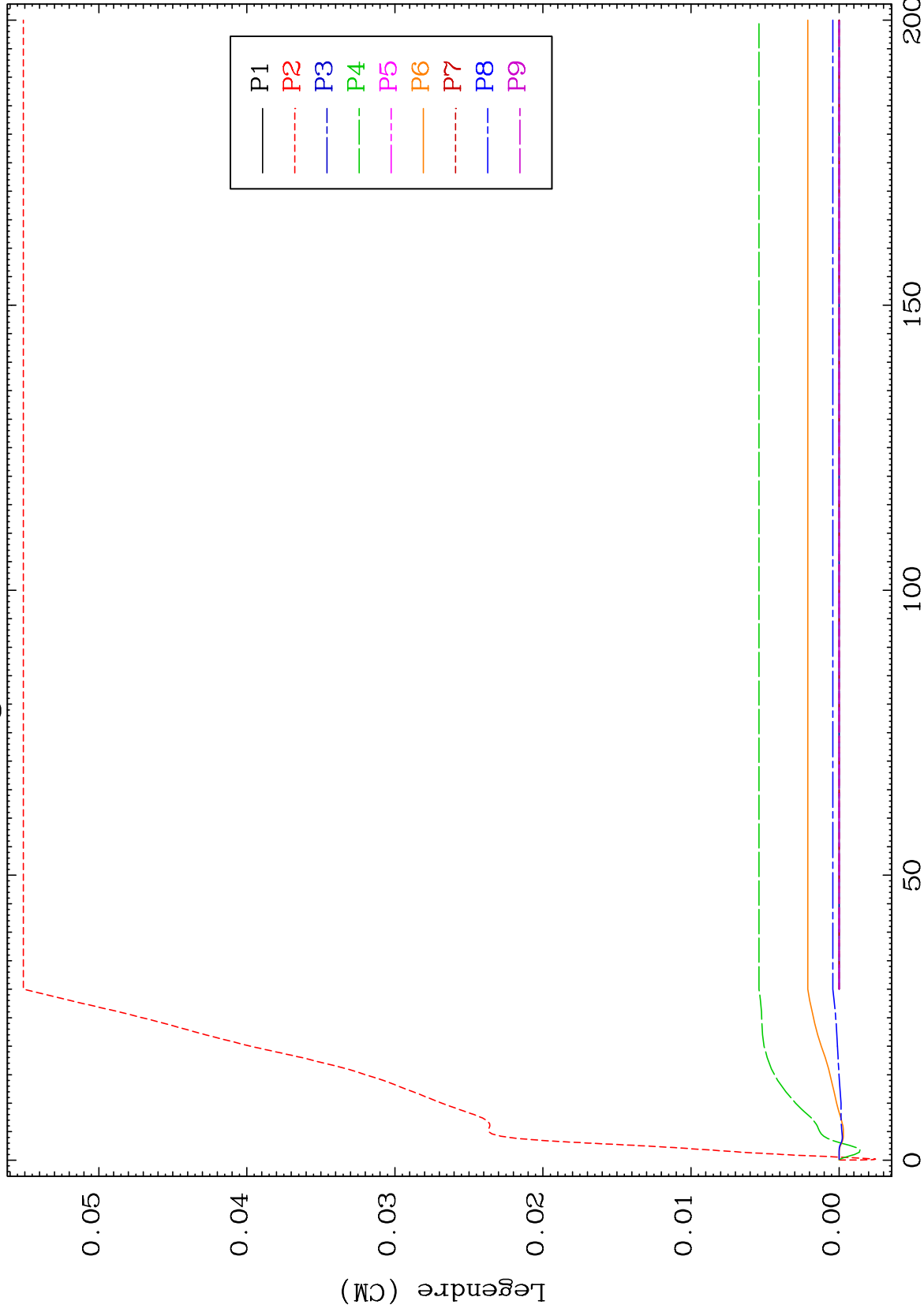
Incident Energy (MeV)

53-I -132

MAT 5340

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

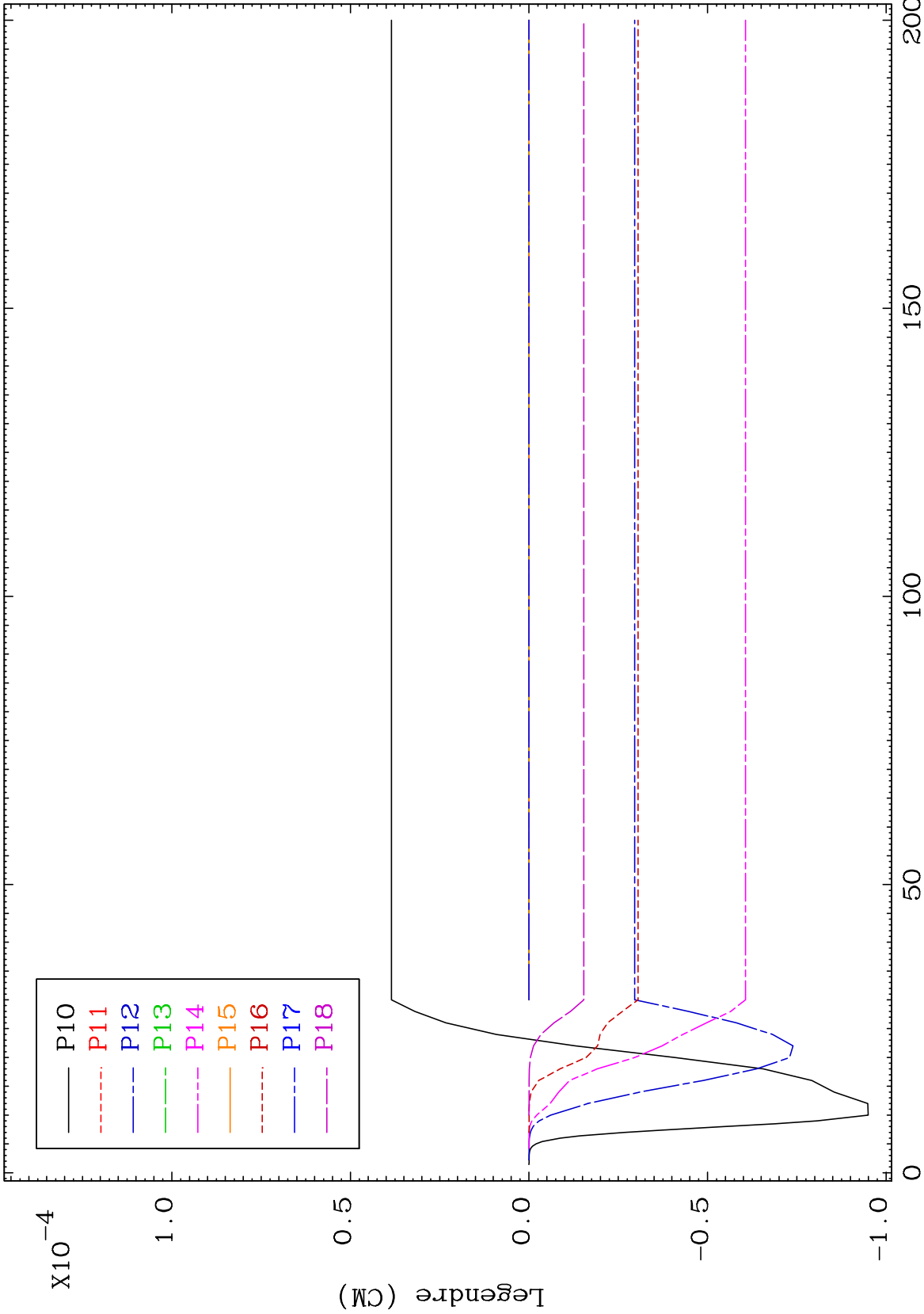
53-I -132



53-I -132

Incident Energy (MeV)

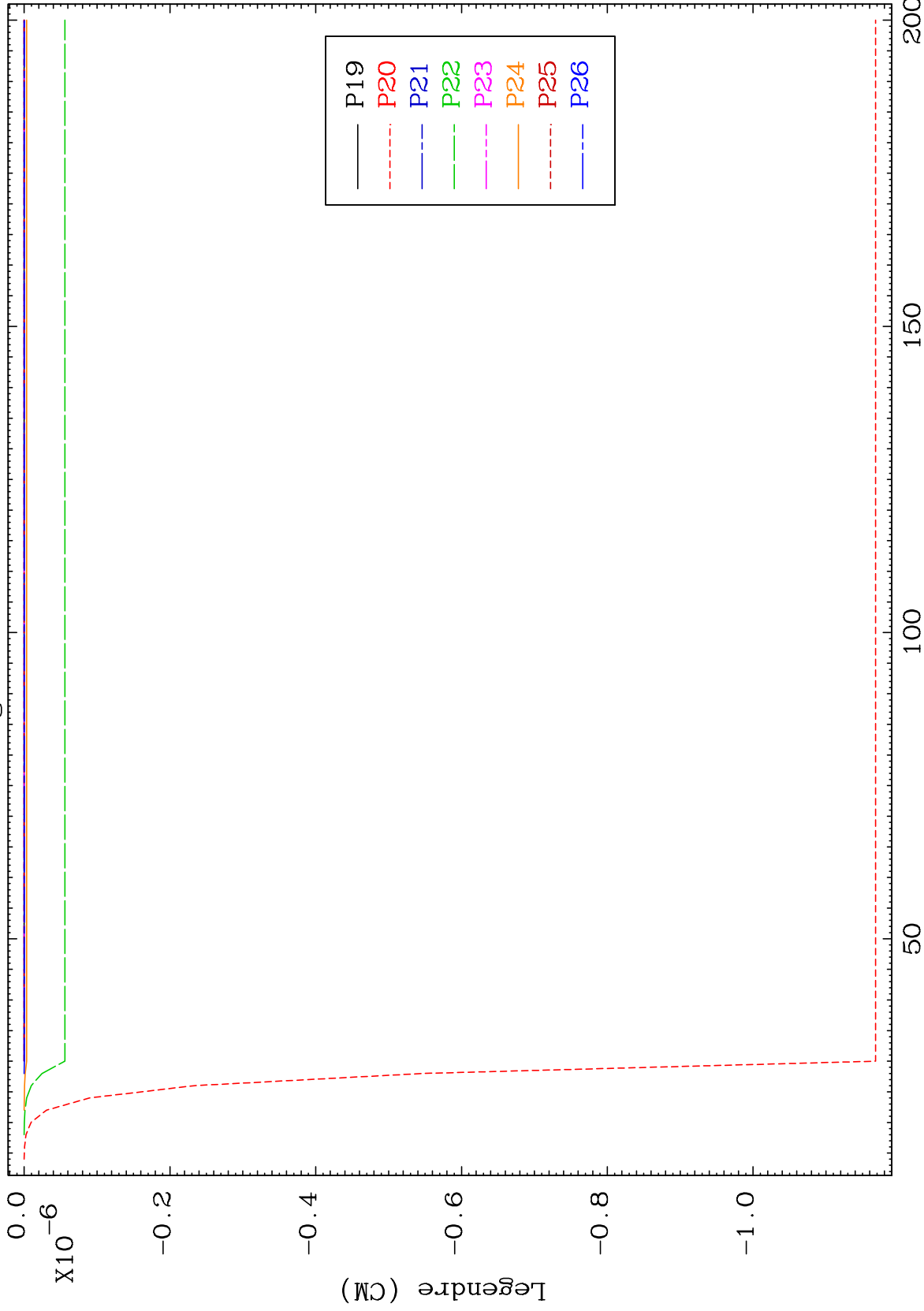
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MAT 5340

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

53-I -132



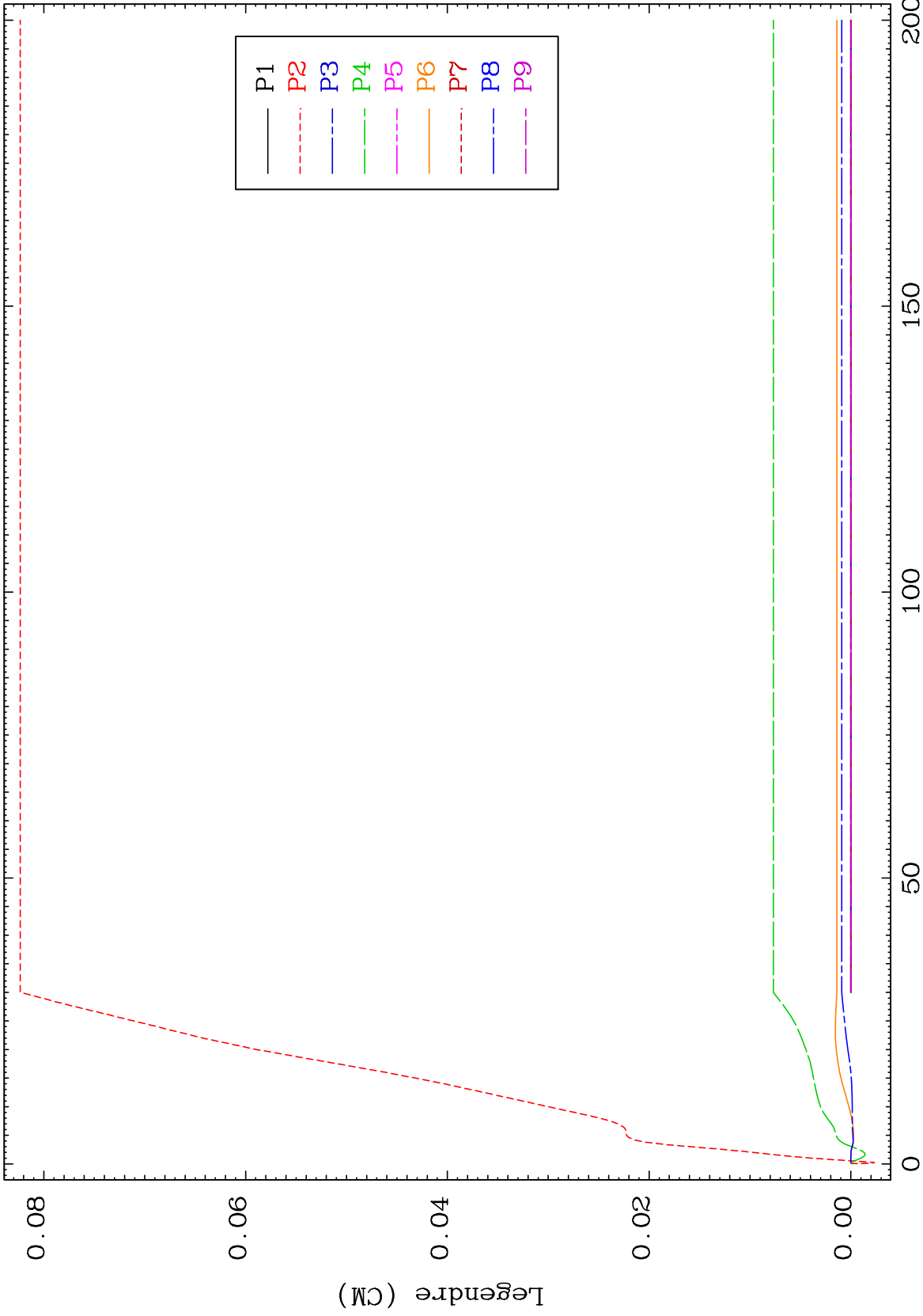
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53-I -132

MAT 5340

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

53-I -132



23

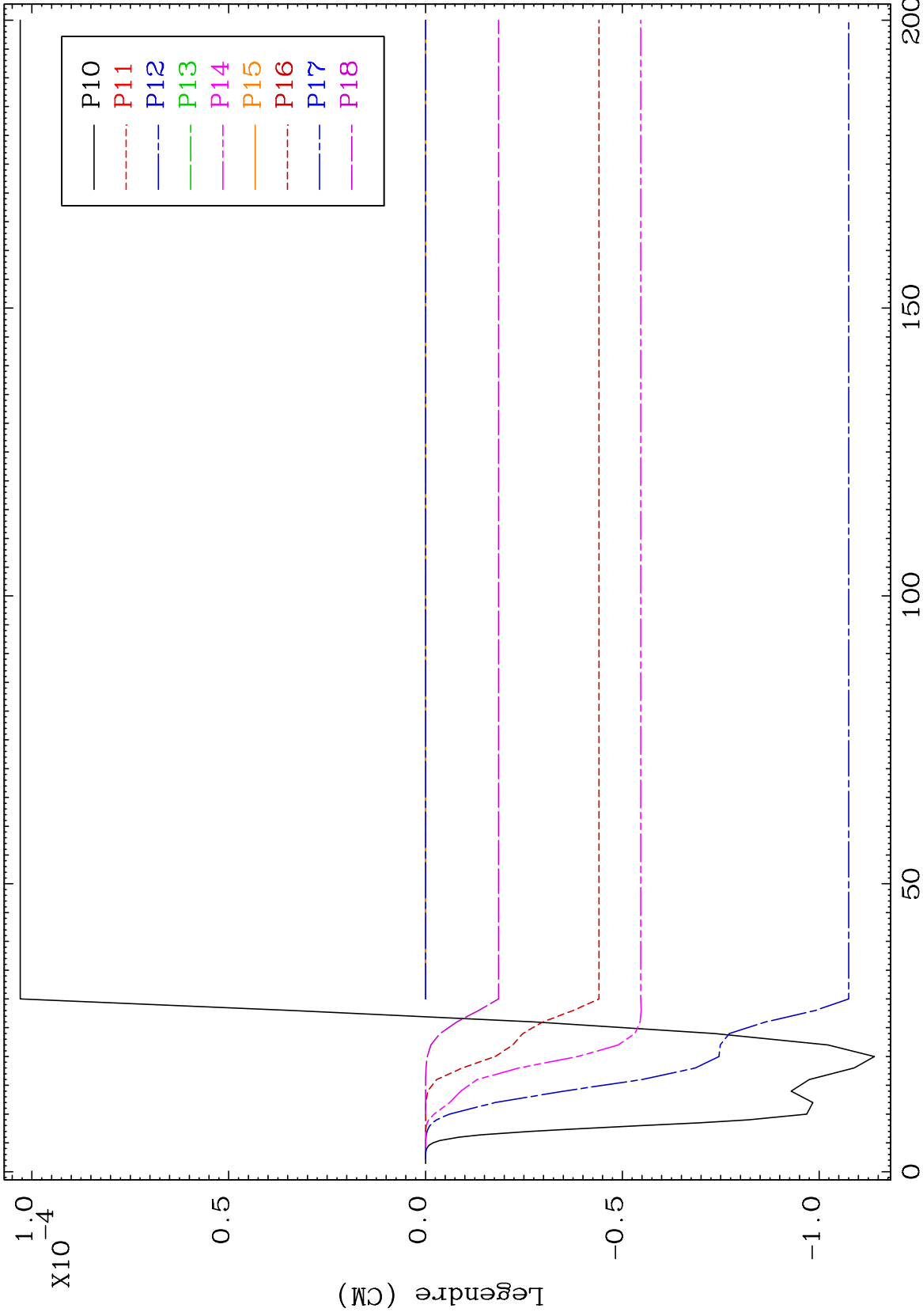
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



24

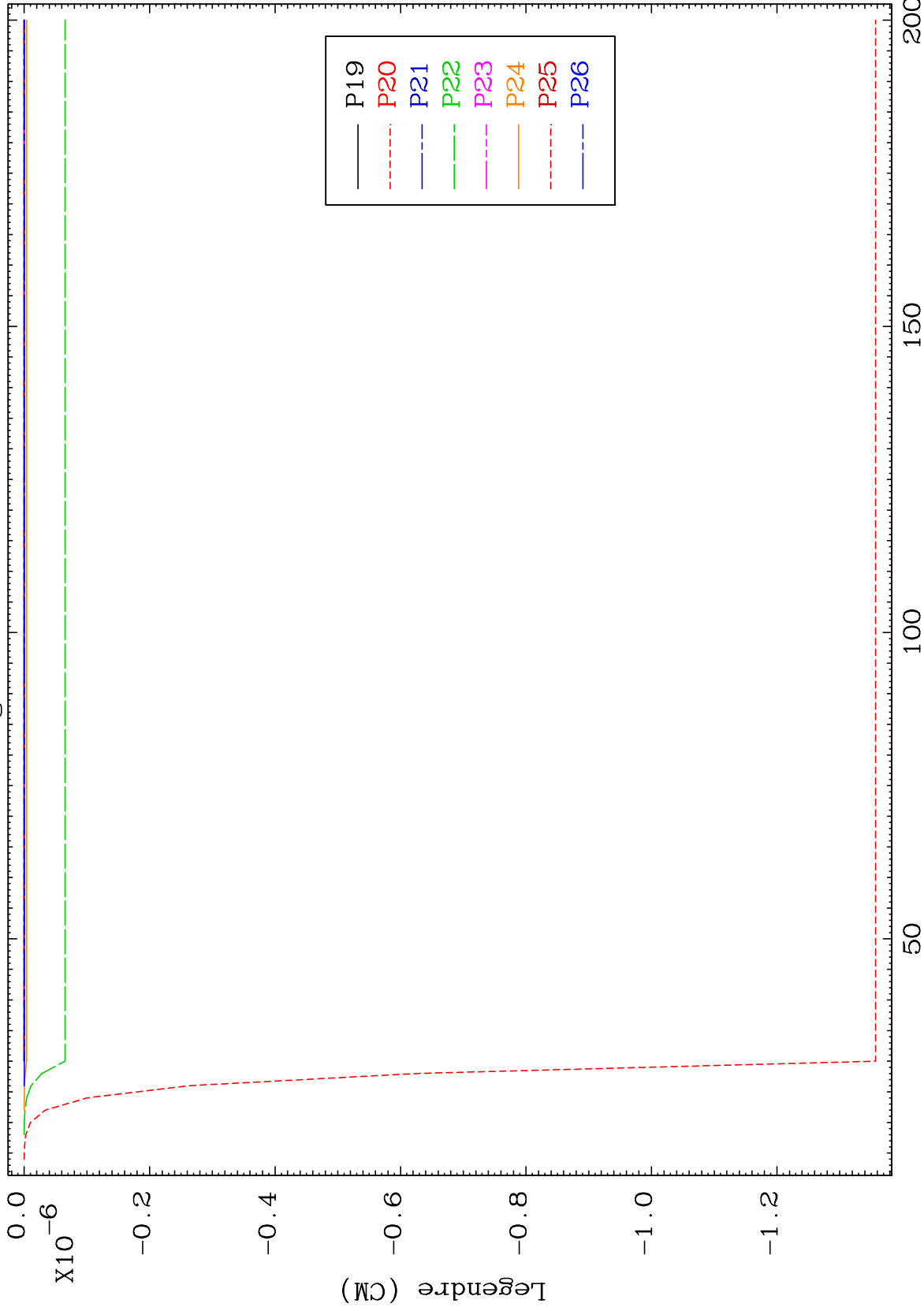
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



25

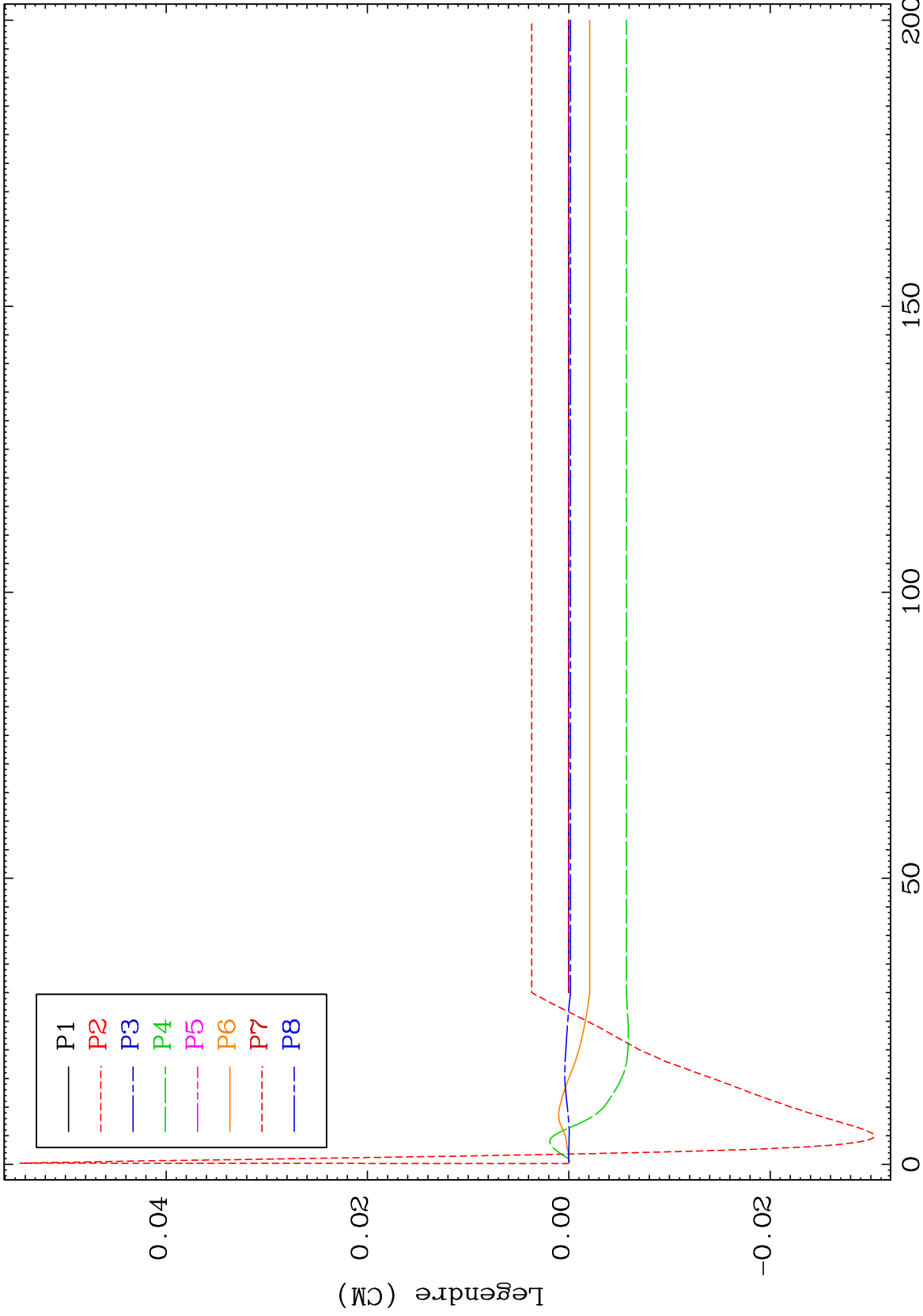
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



26

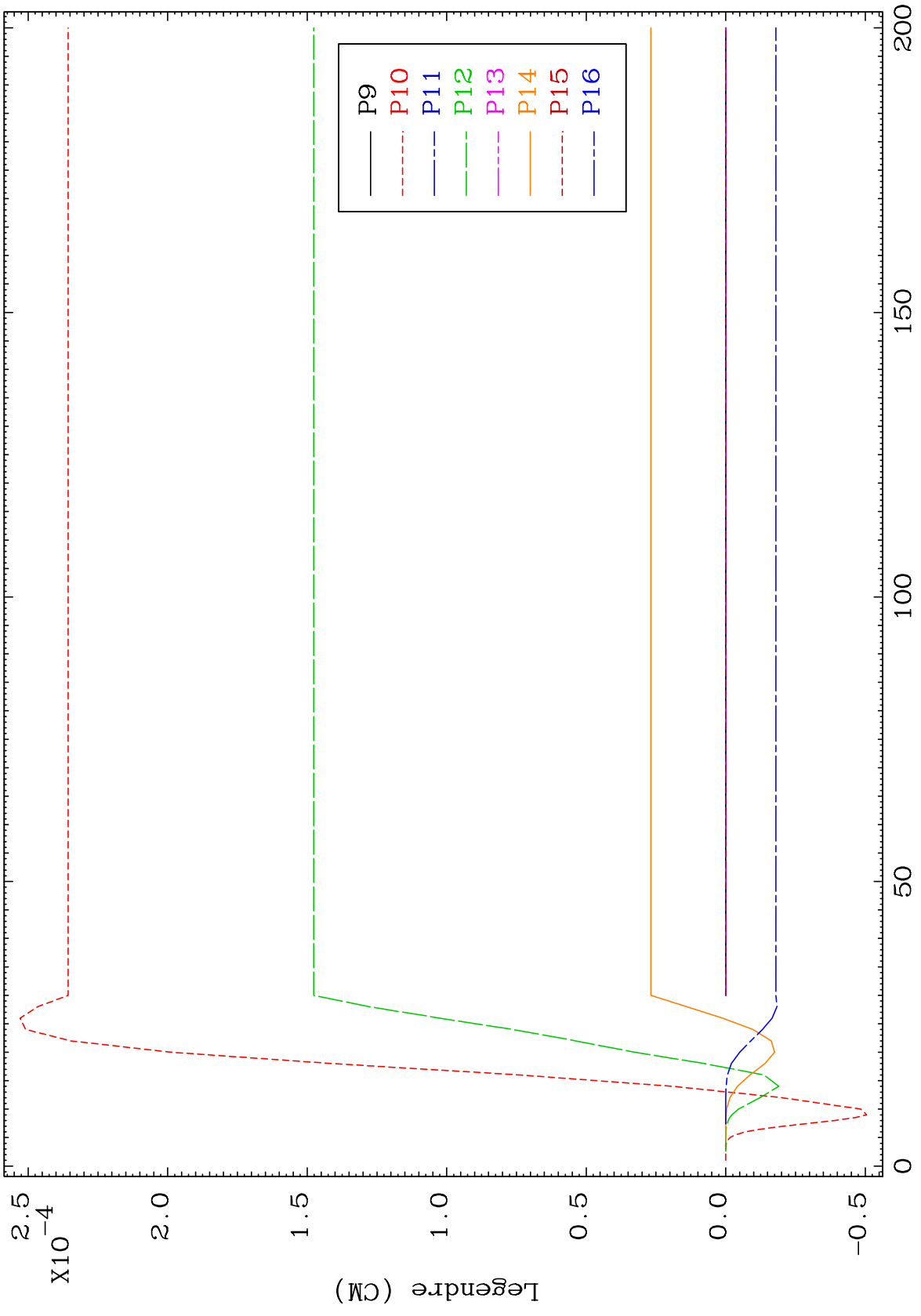
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



27

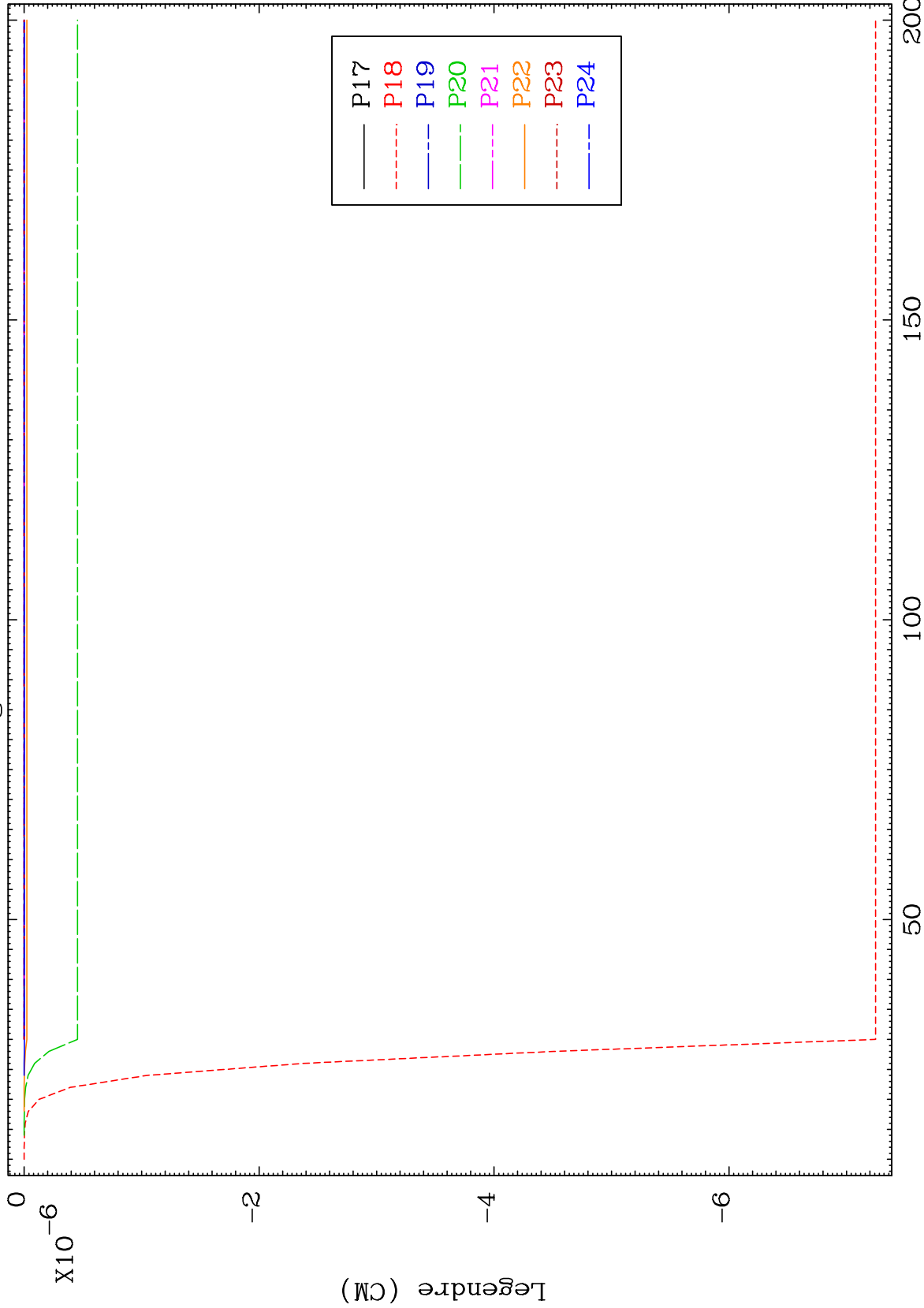
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



28

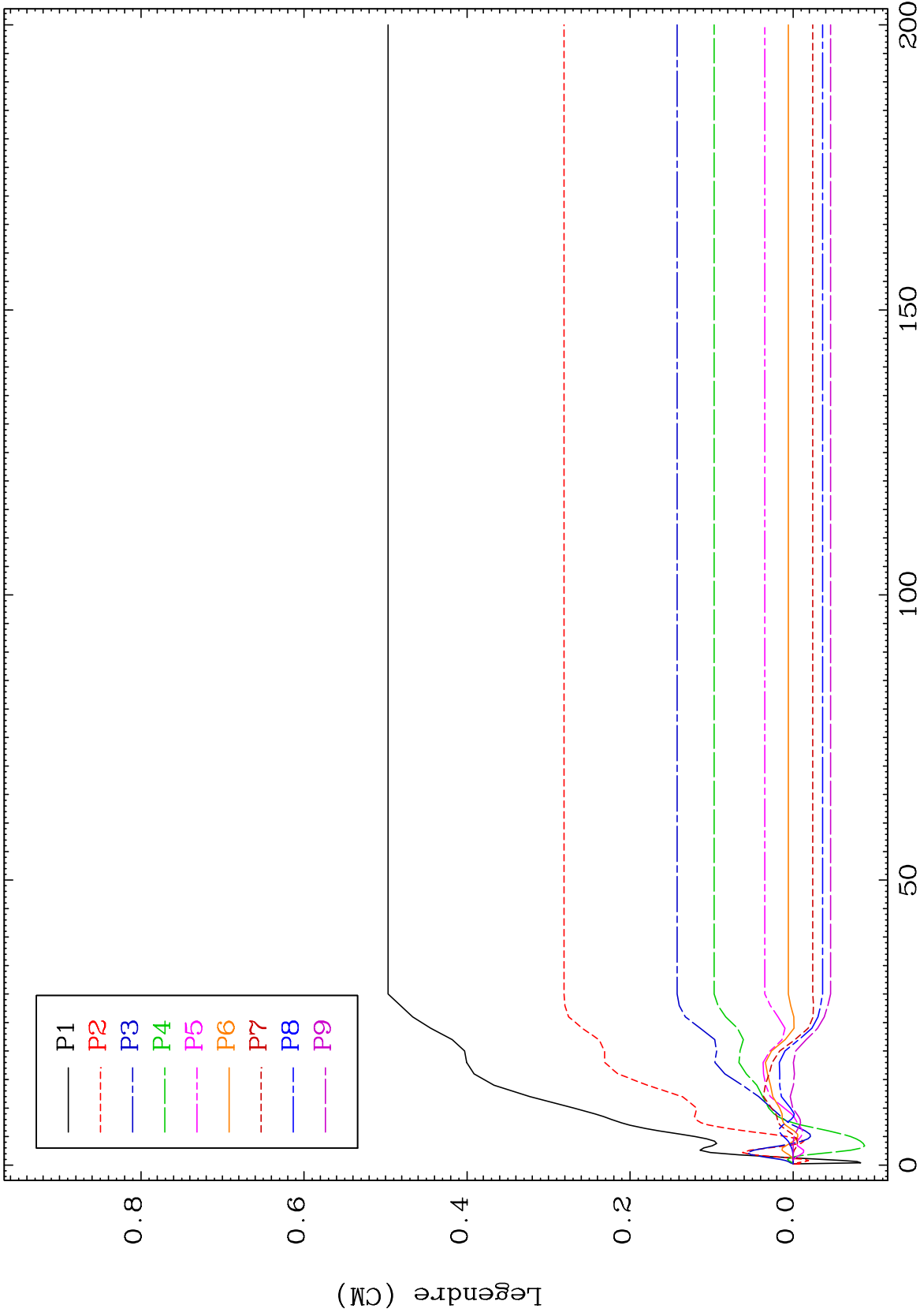
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



29

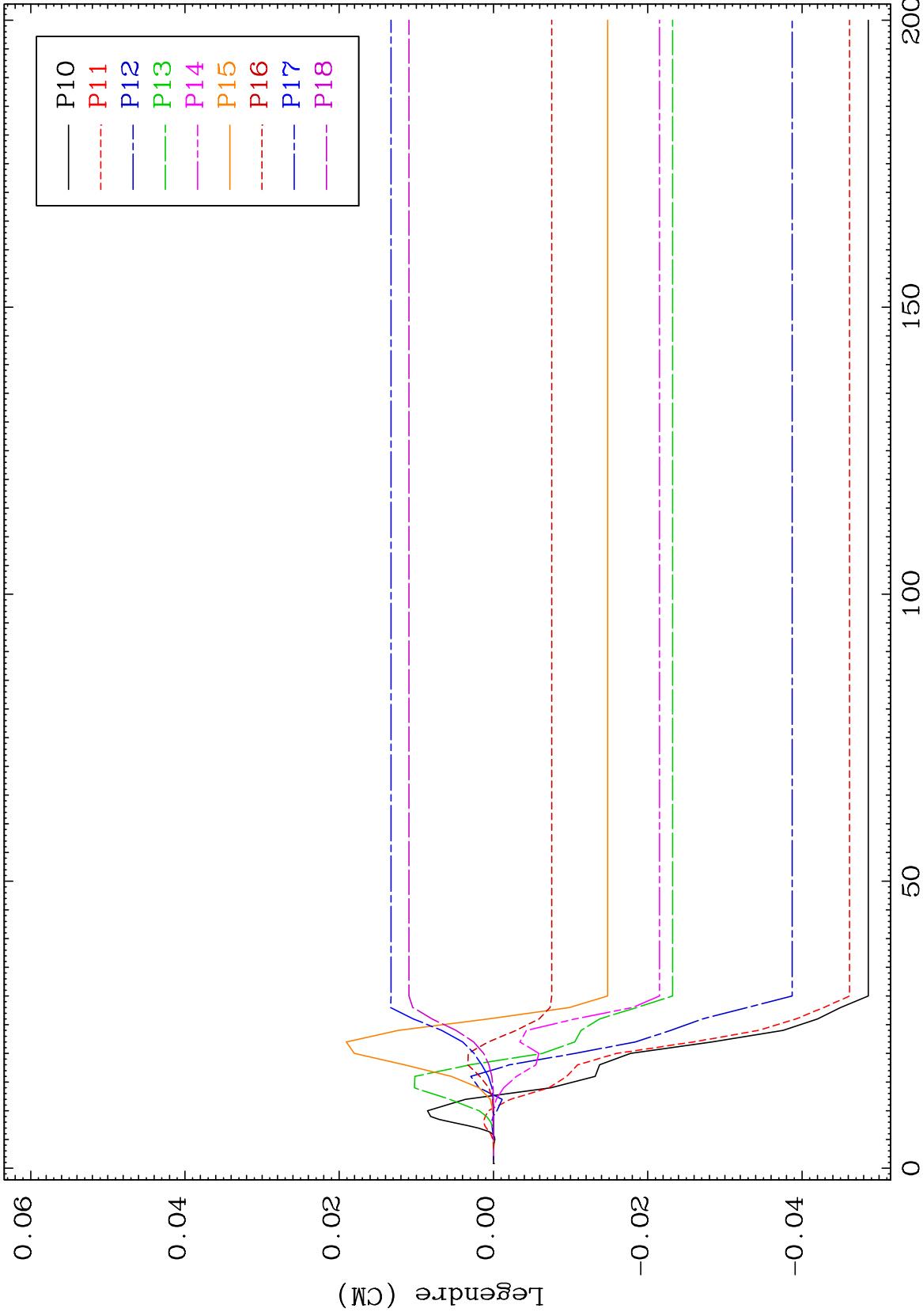
Incident Energy (MeV)

53-I -132

MAT 5340

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

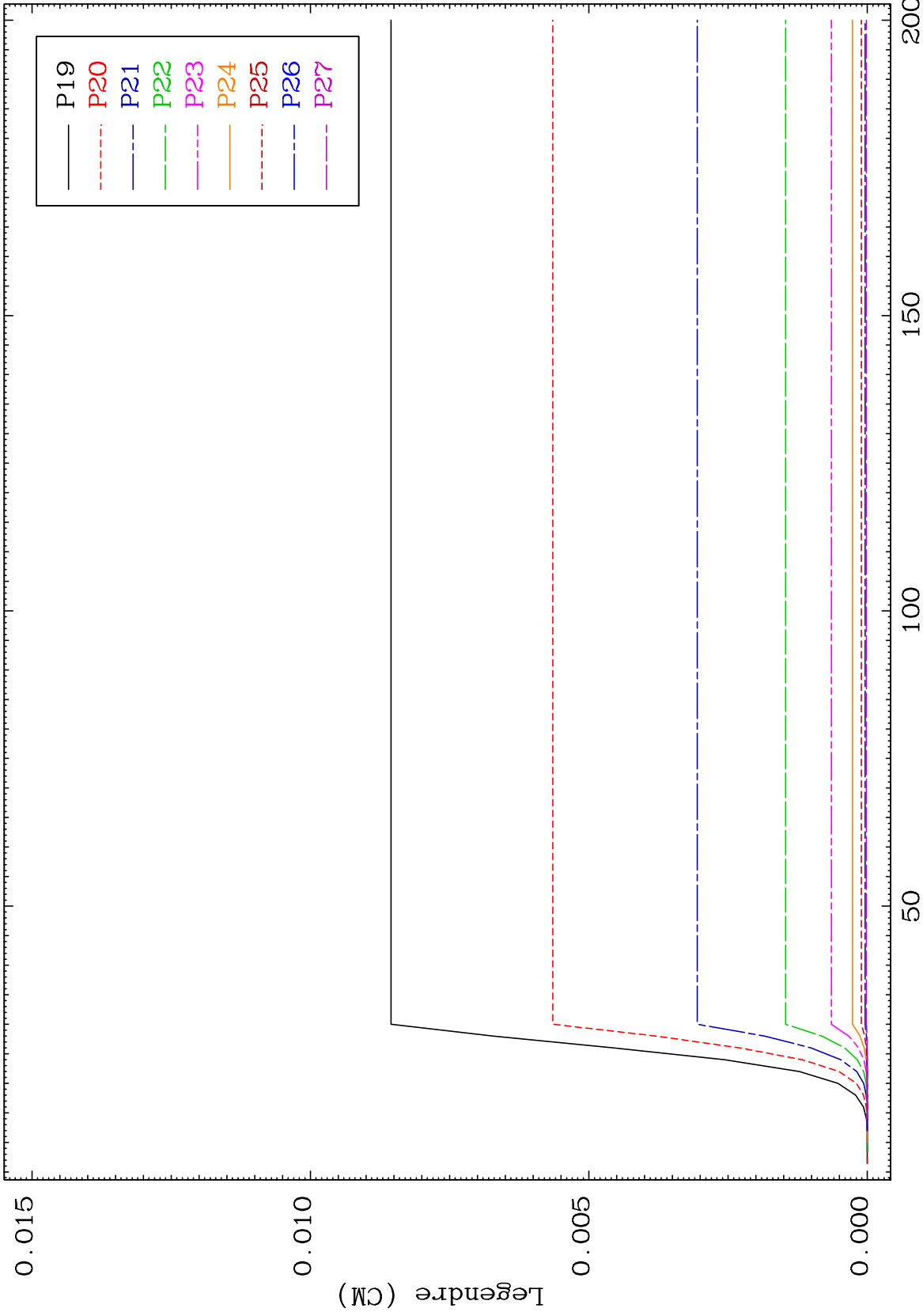
53-I -132



30

Incident Energy (MeV)

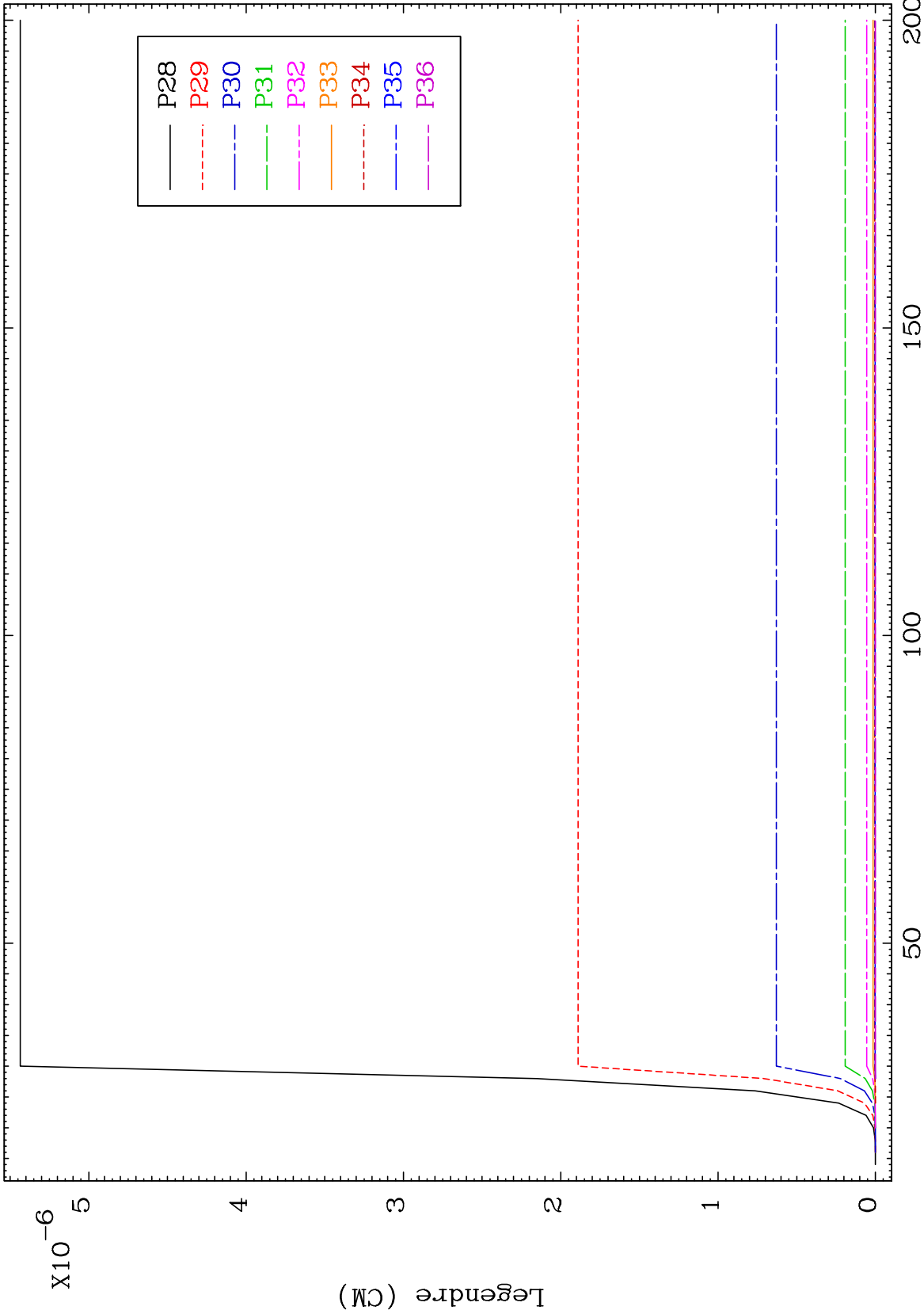
53-I -132



MAT 5340

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

53-I -132



32

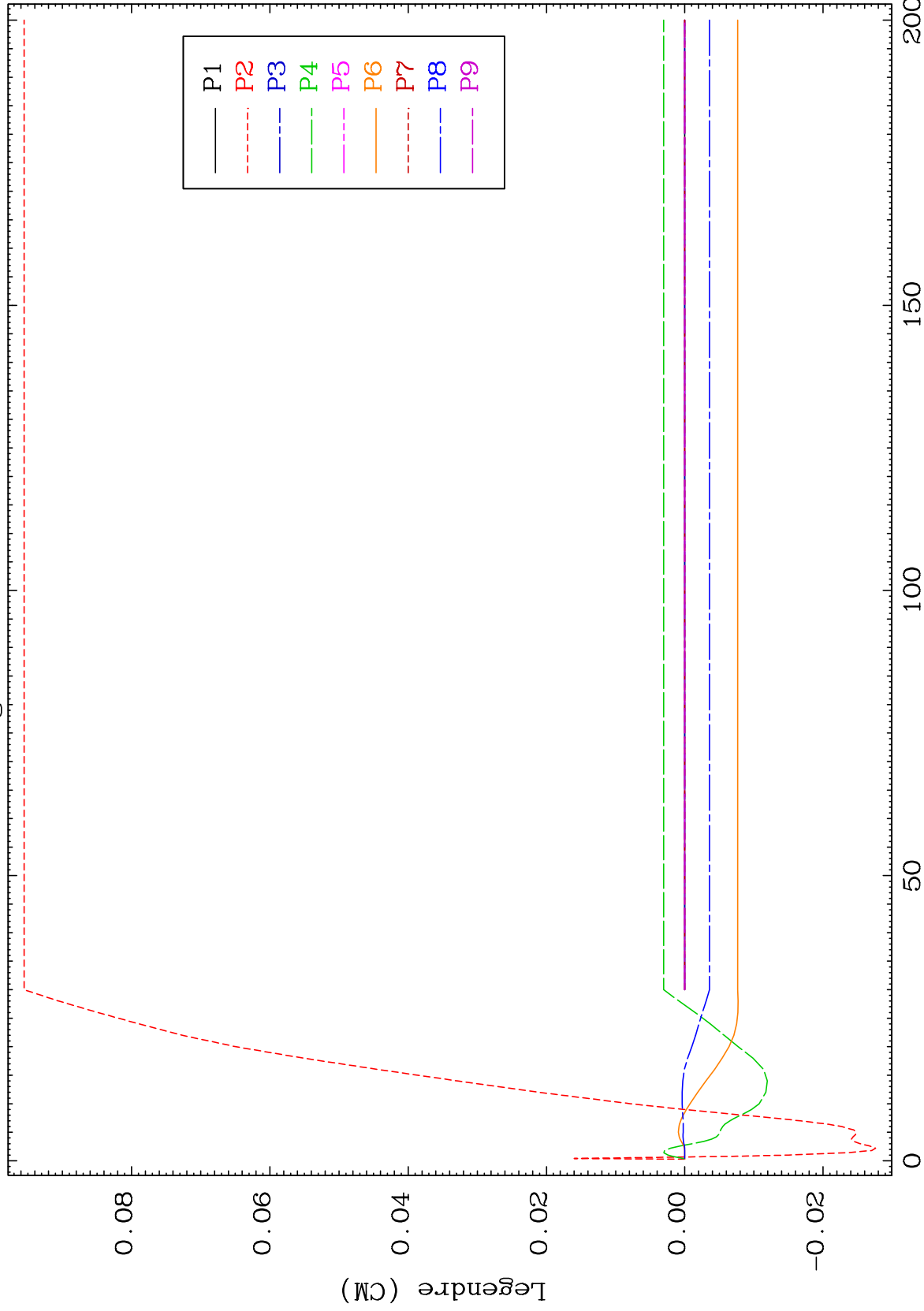
Incident Energy (MeV)

53-I -132

MAT 5340

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

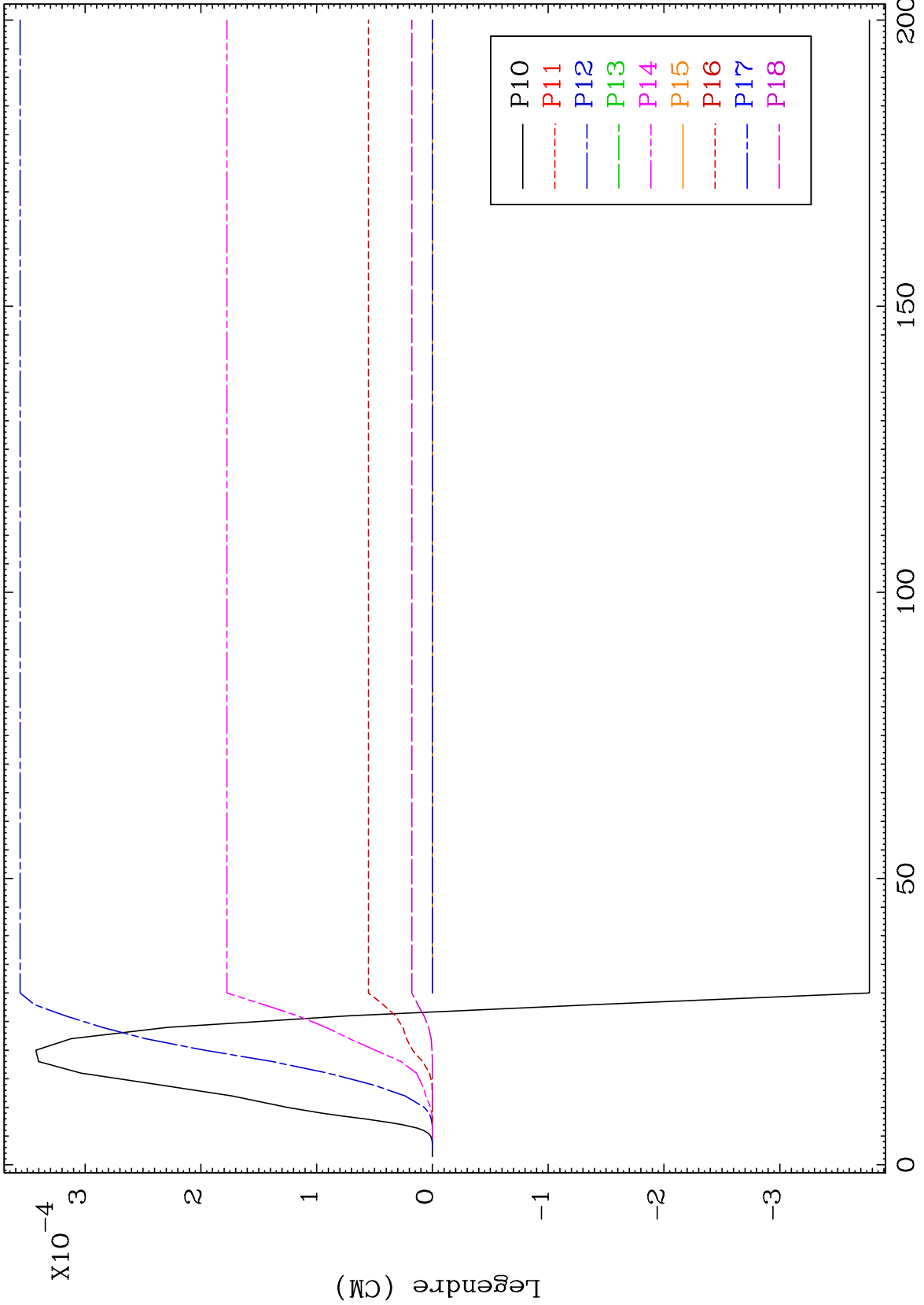
53-I -132



33

Incident Energy (MeV)

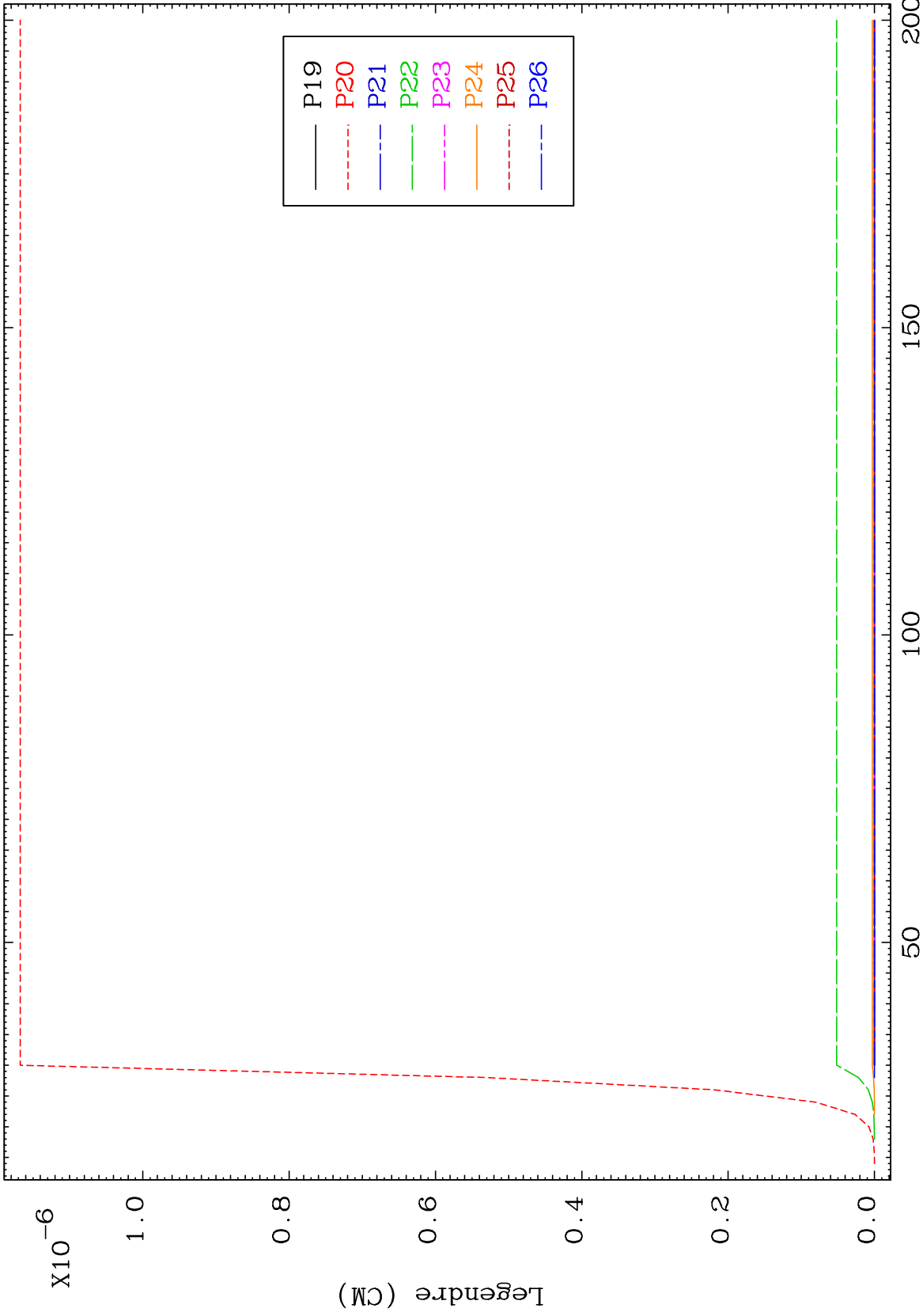
53-I -132



MAT 5340

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

53-I -132



35

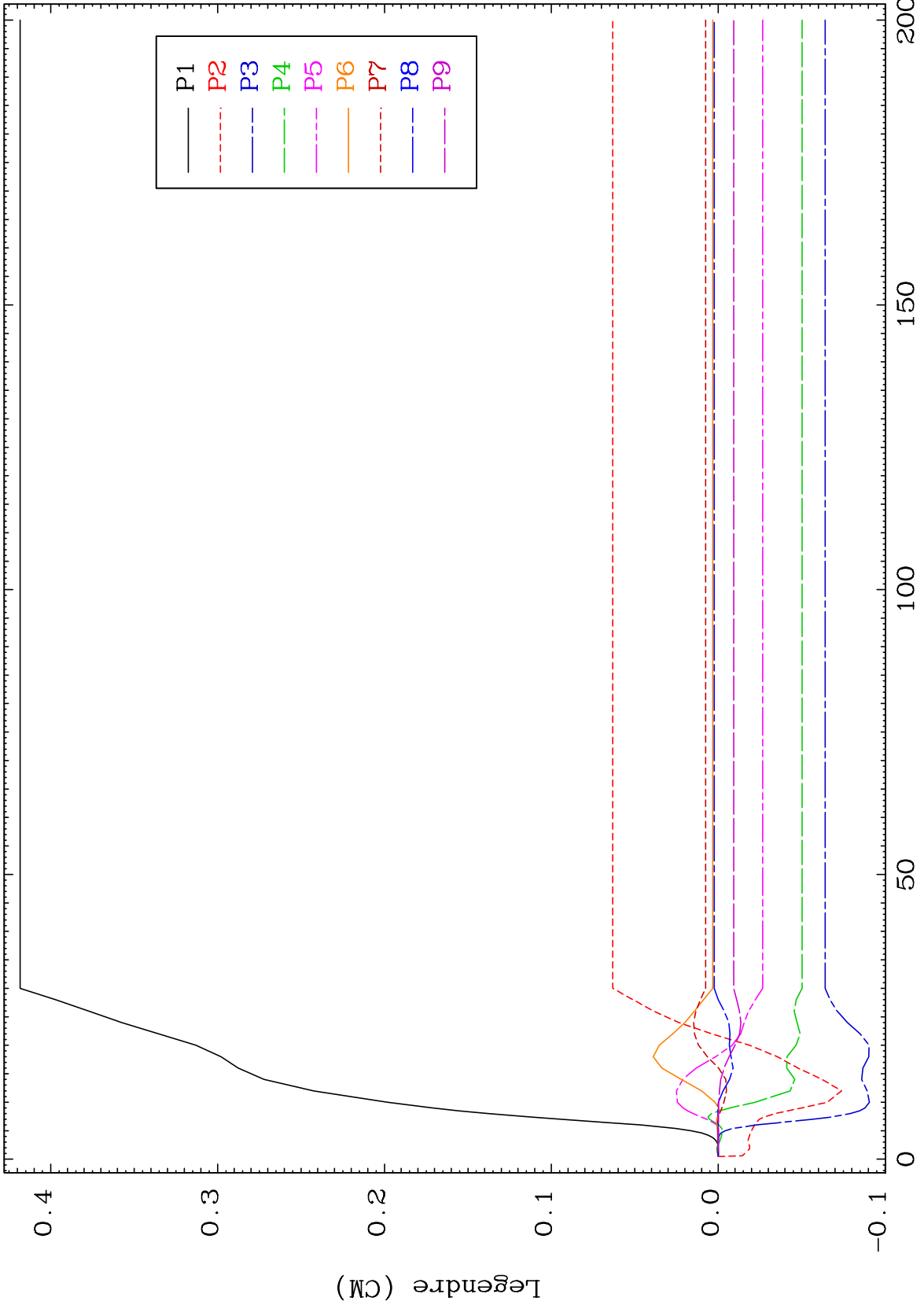
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



36

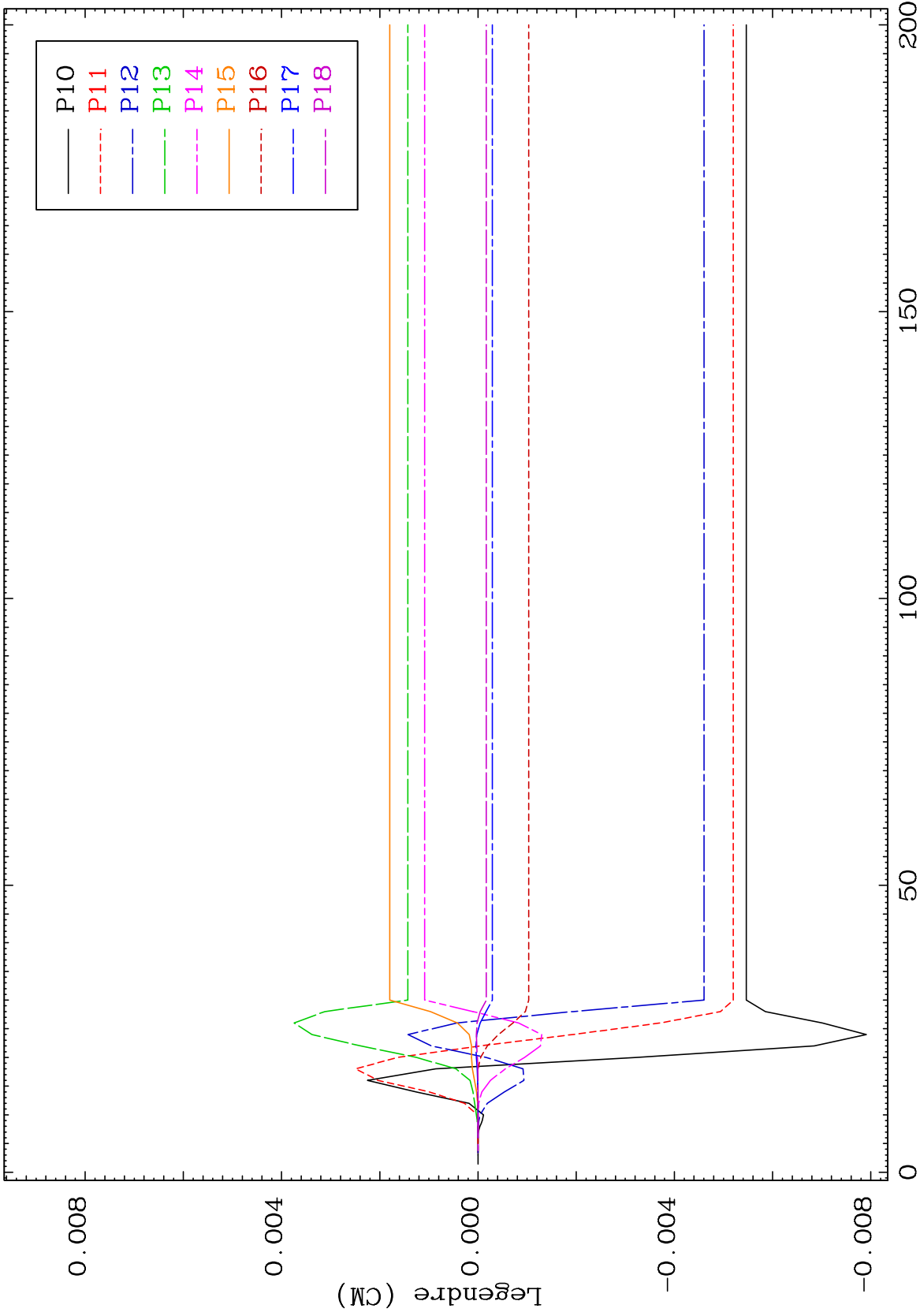
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



37

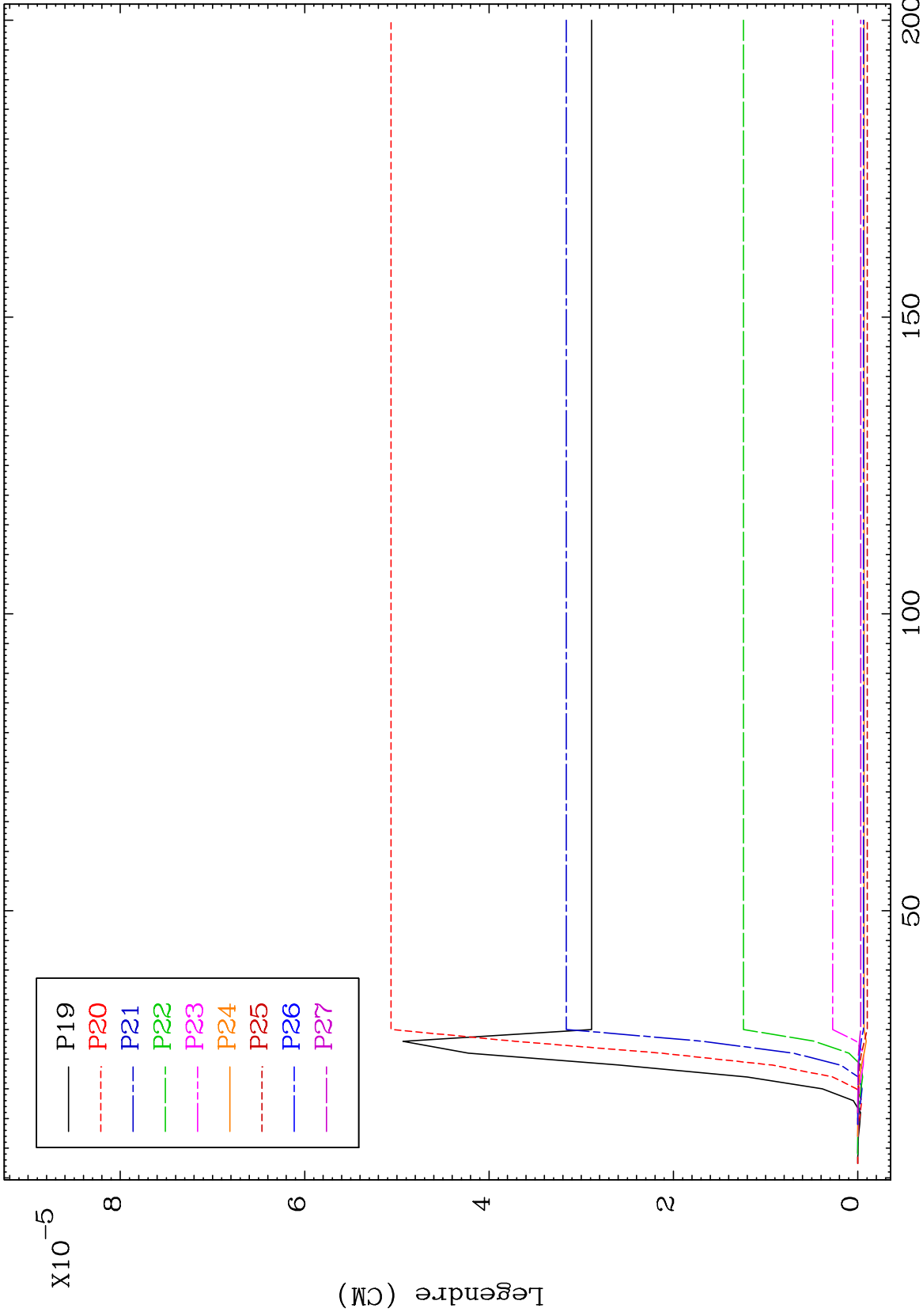
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132

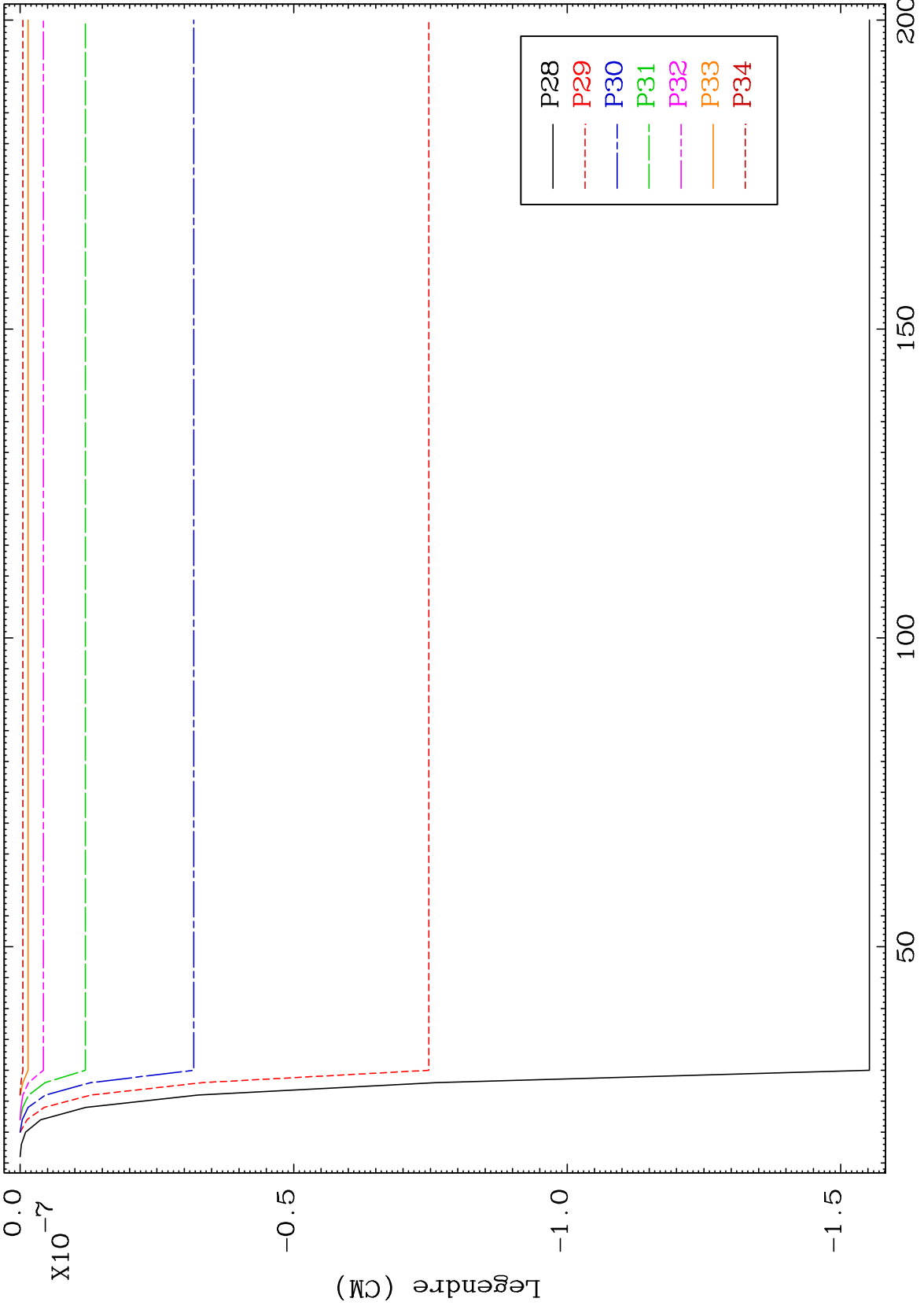


38

Incident Energy (MeV)

53-I -132

MAT 5340 MT= 56 (n,n') Level Legendre Coefficients 53-I -132

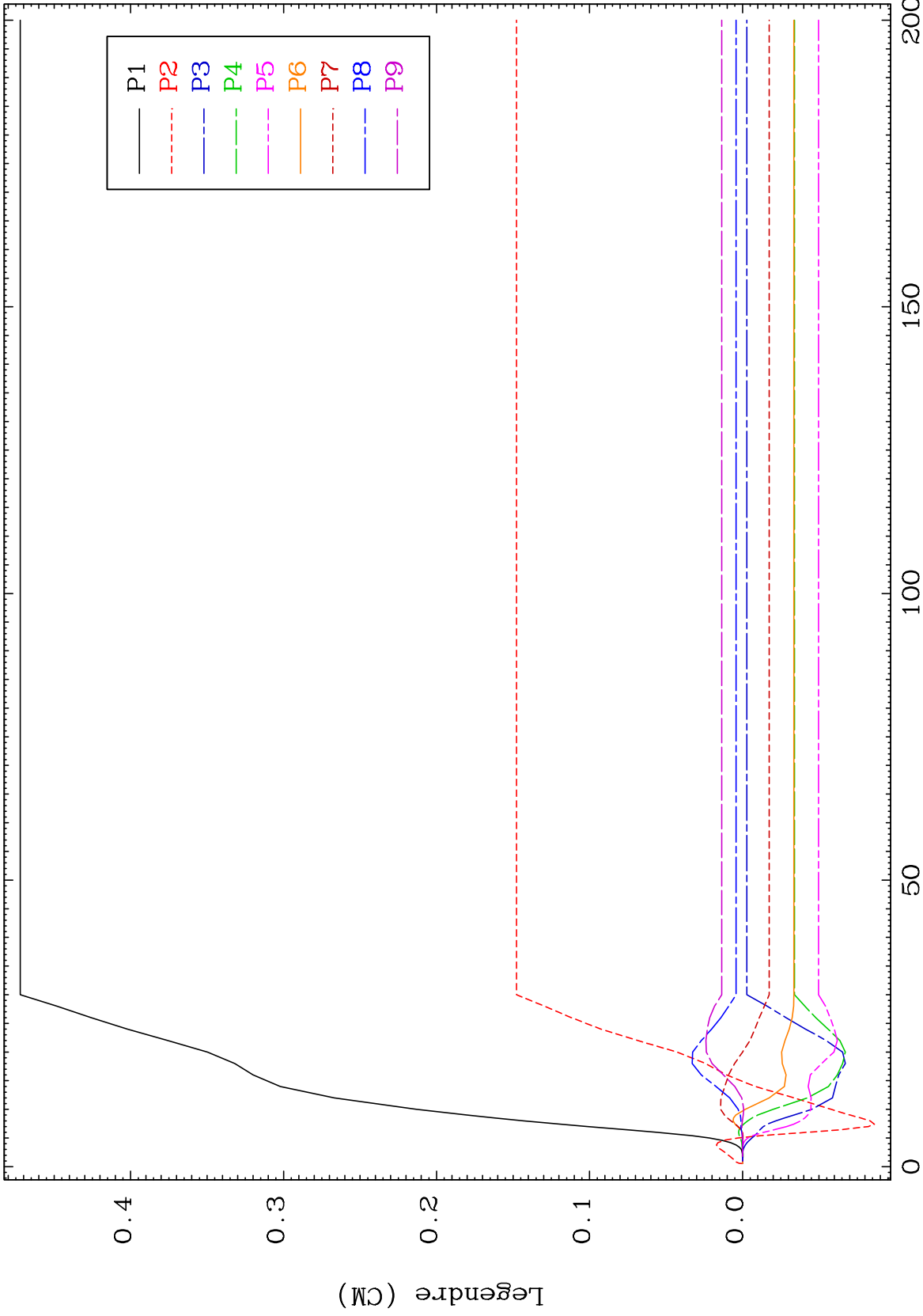


39 53-I -132

MAT 5340

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

53-I -132



40

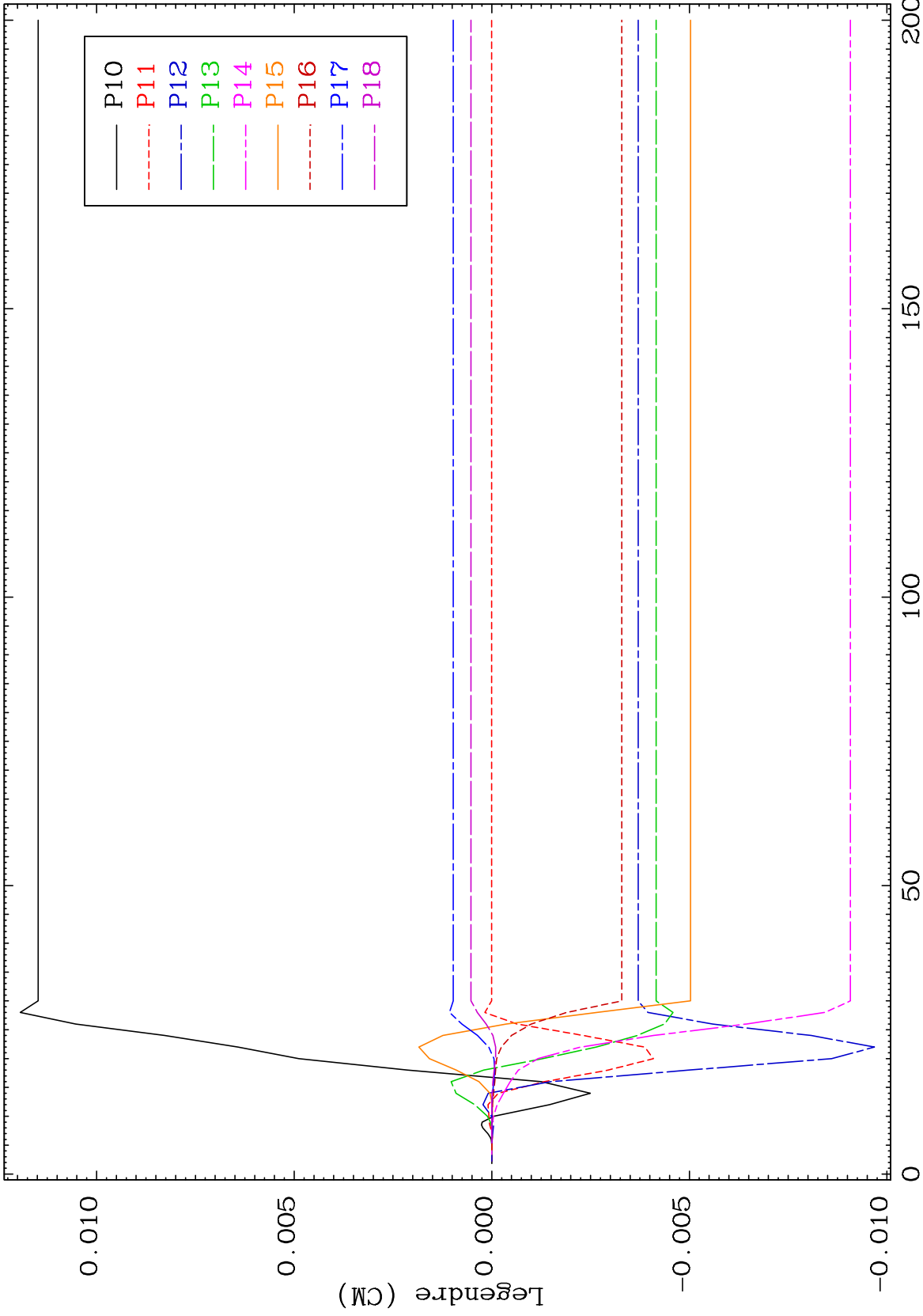
Incident Energy (MeV)

53-I -132

MAT 5340

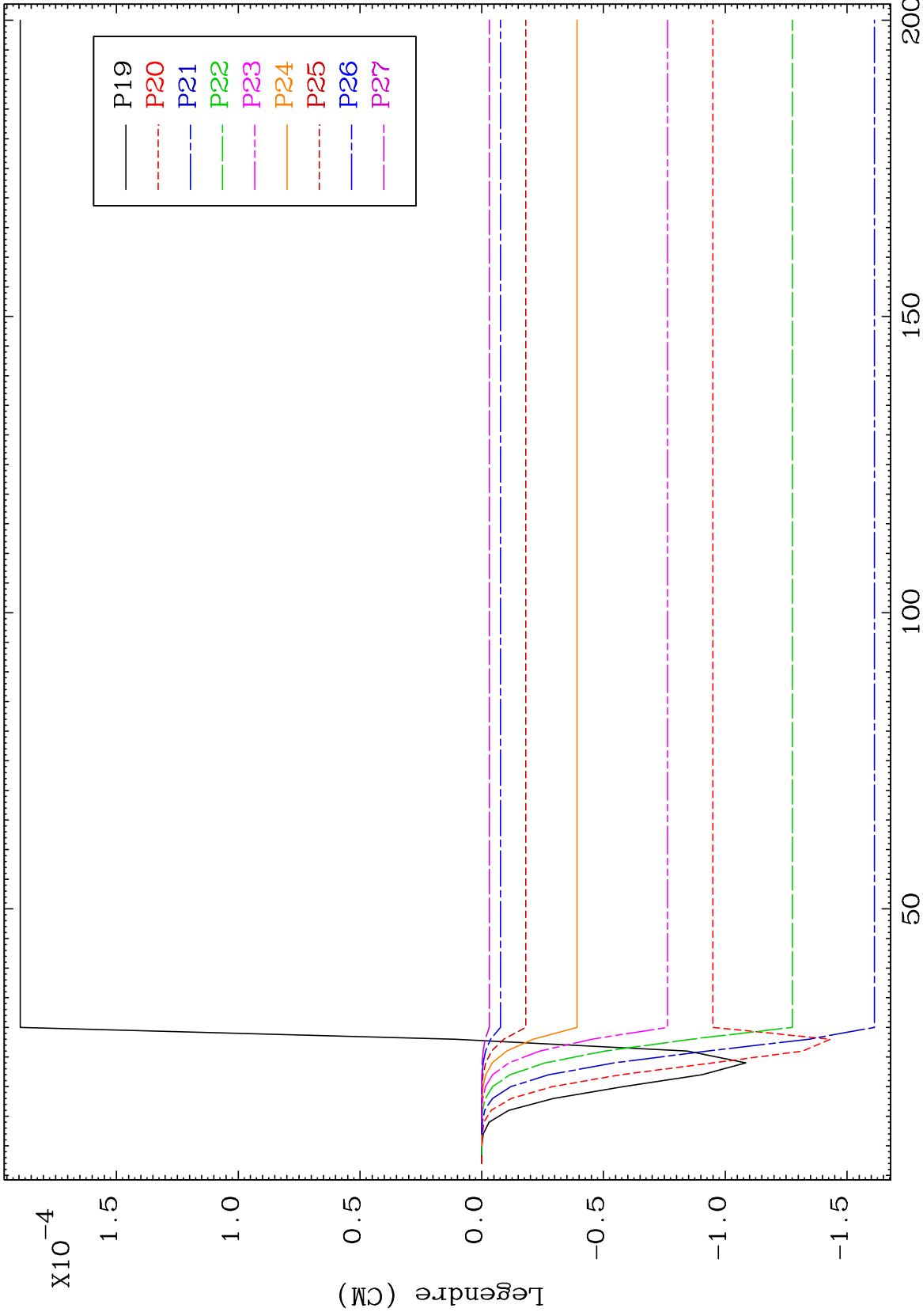
MT= 57 (n,n') Level
Legendre Coefficients

53-I -132



41

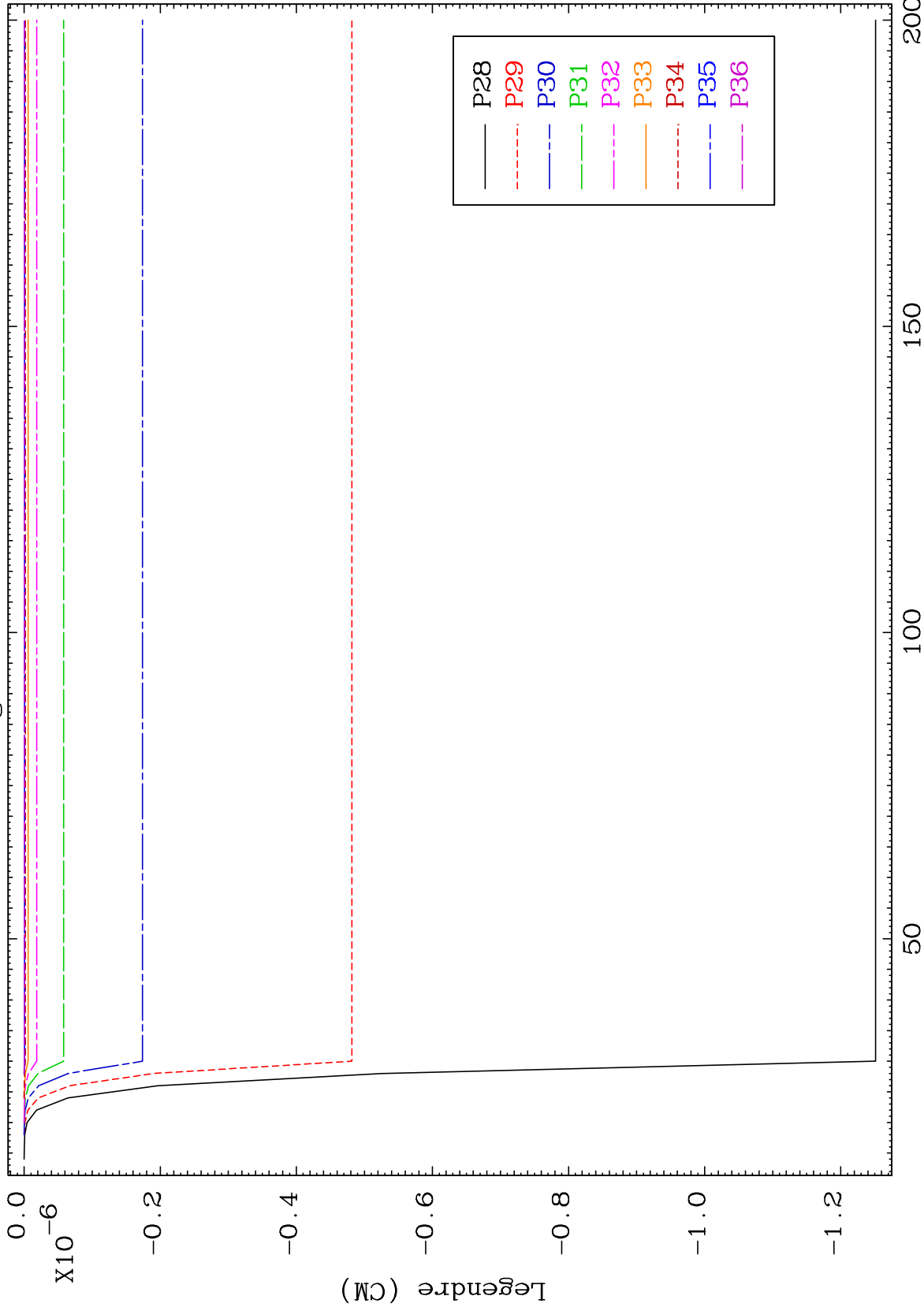
53-I -132



MAT 5340

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

53-I -132



43

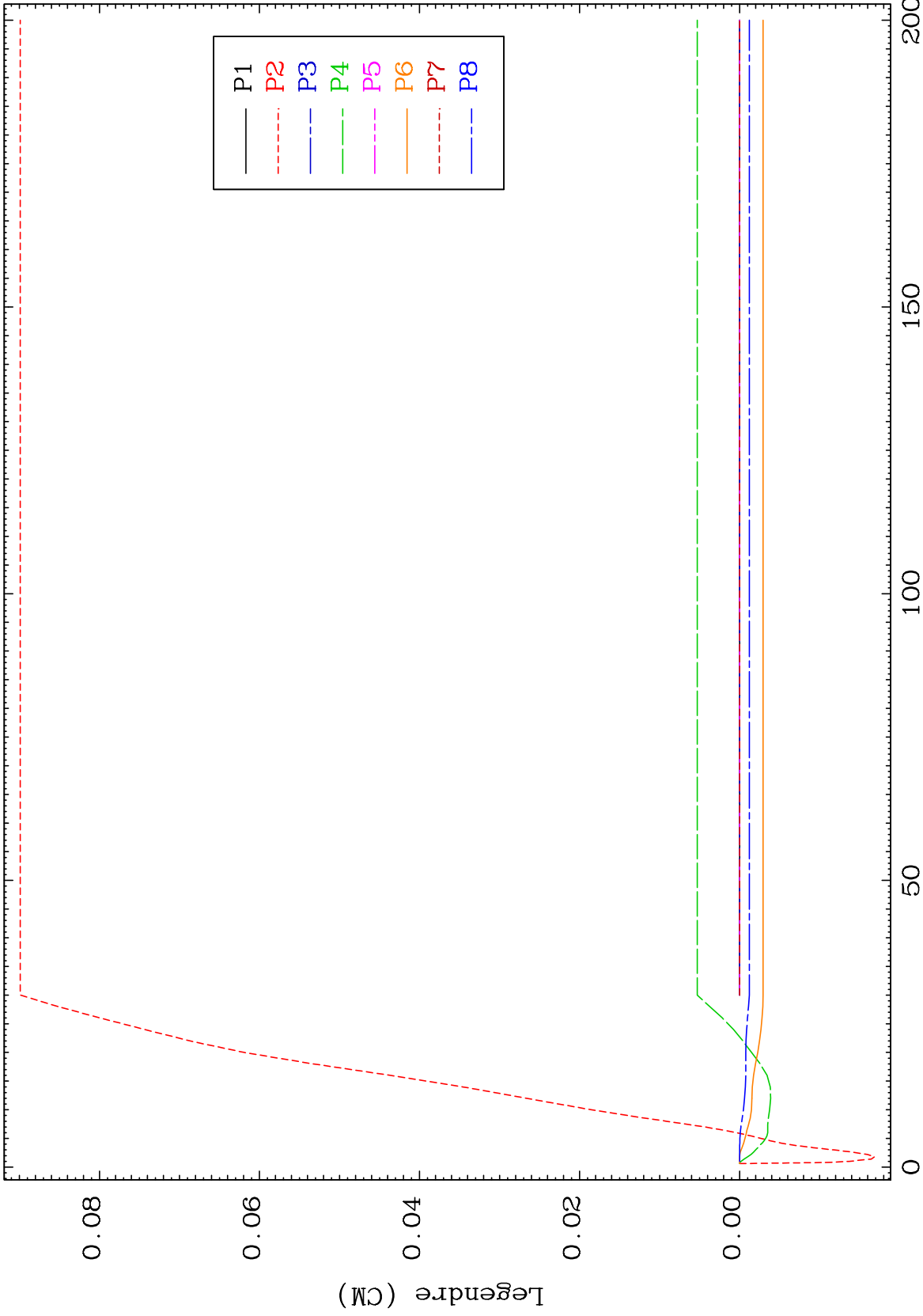
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



44

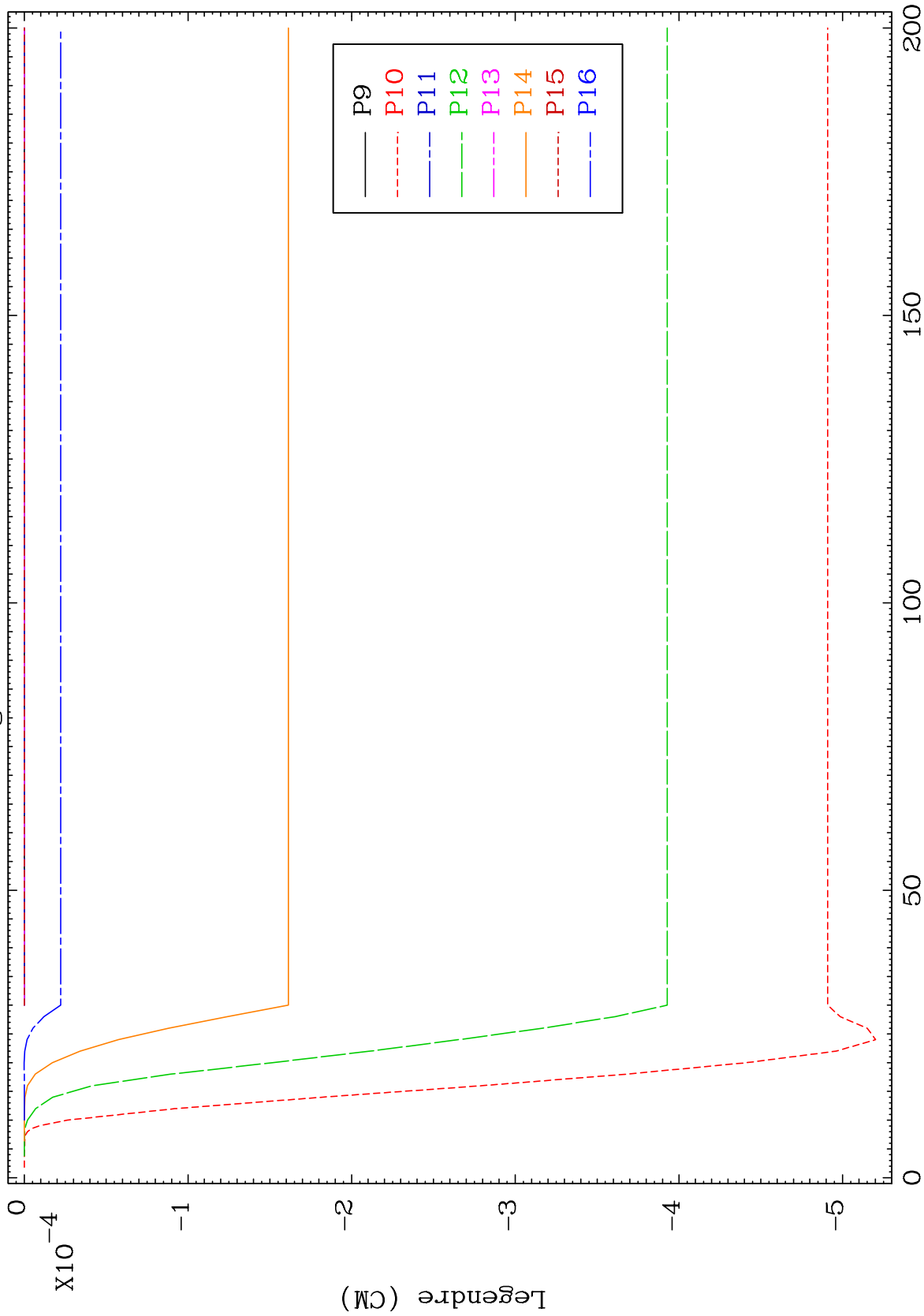
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



45

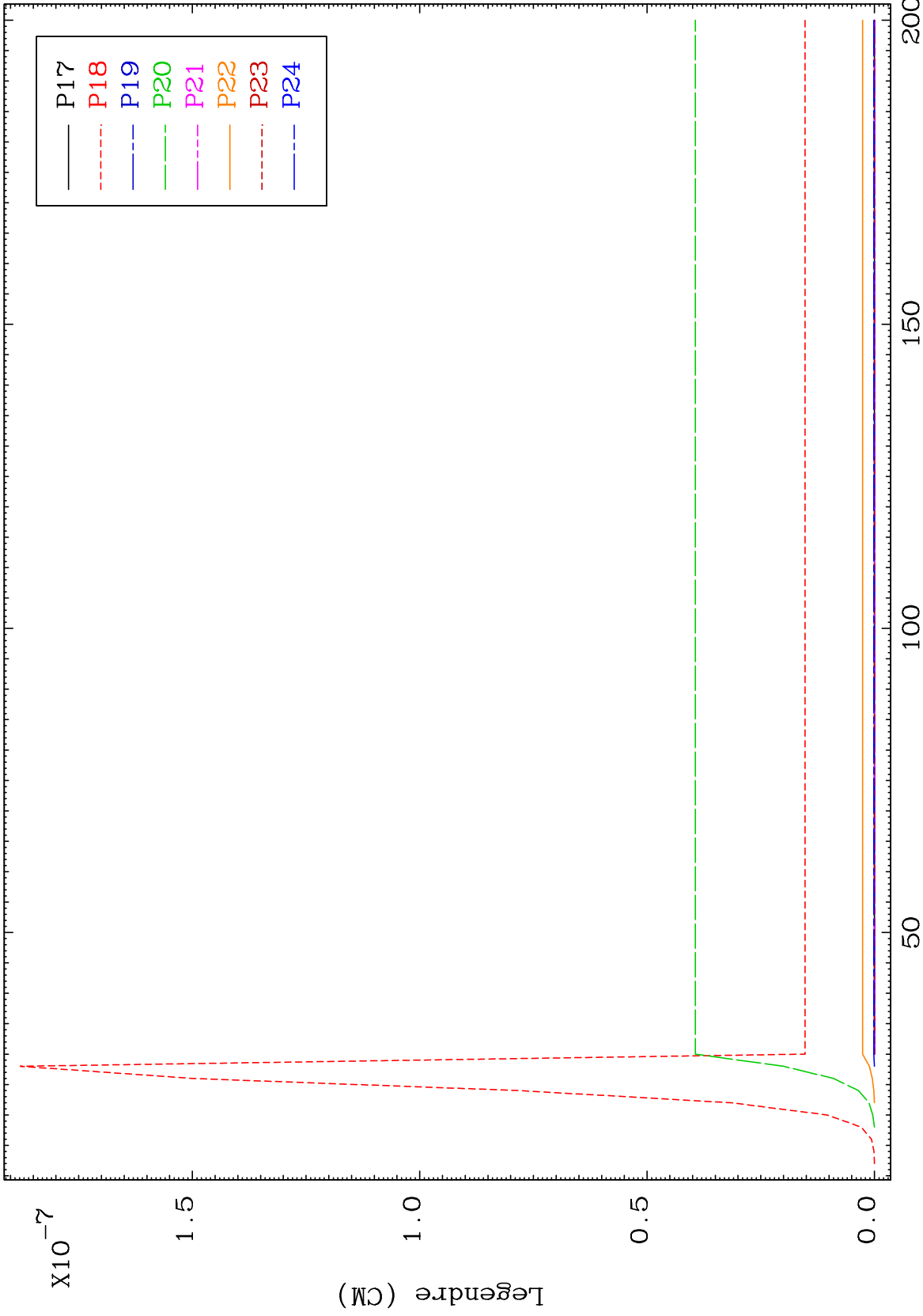
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



46

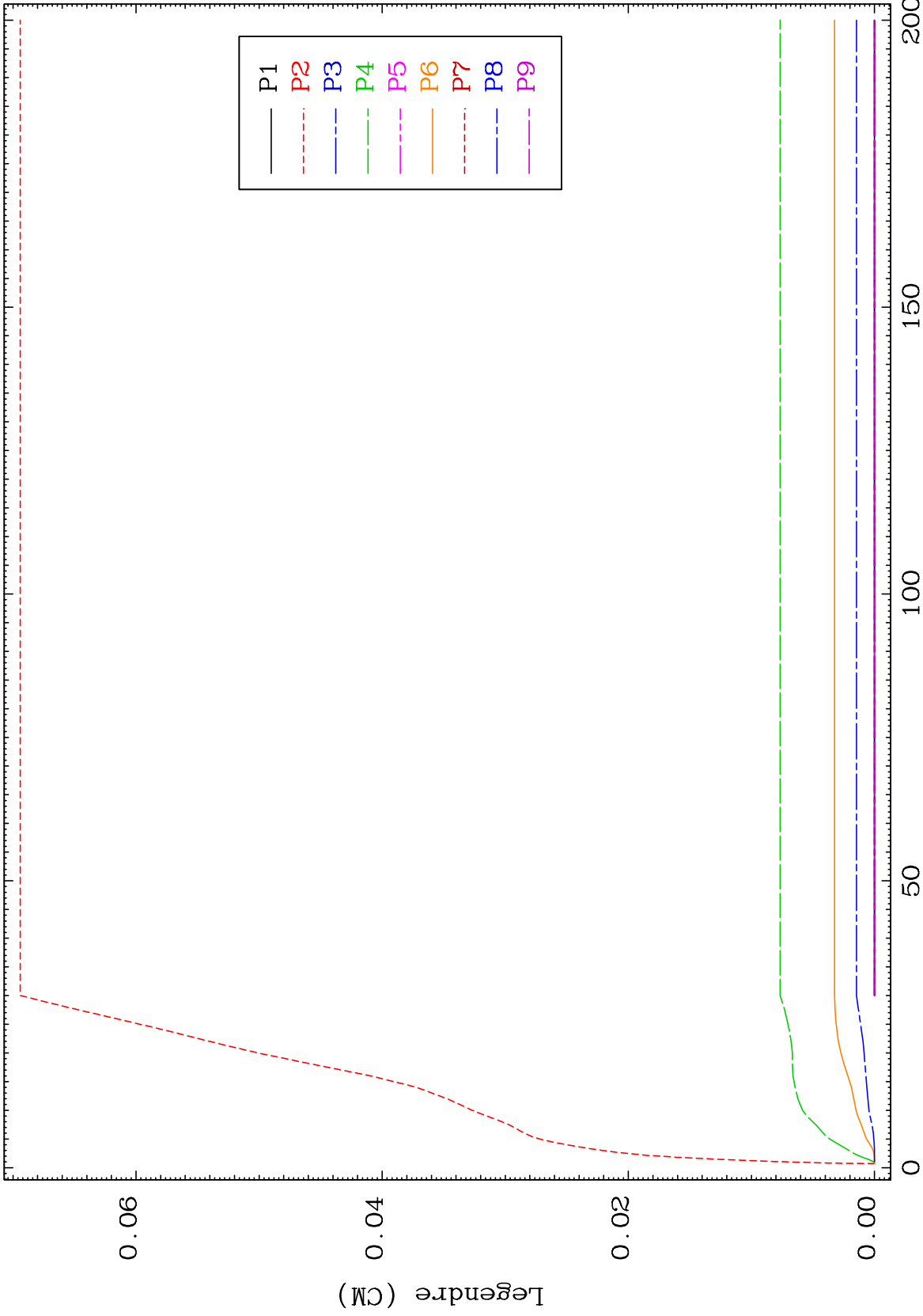
Incident Energy (MeV)

53-I -132

MAT 5340

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

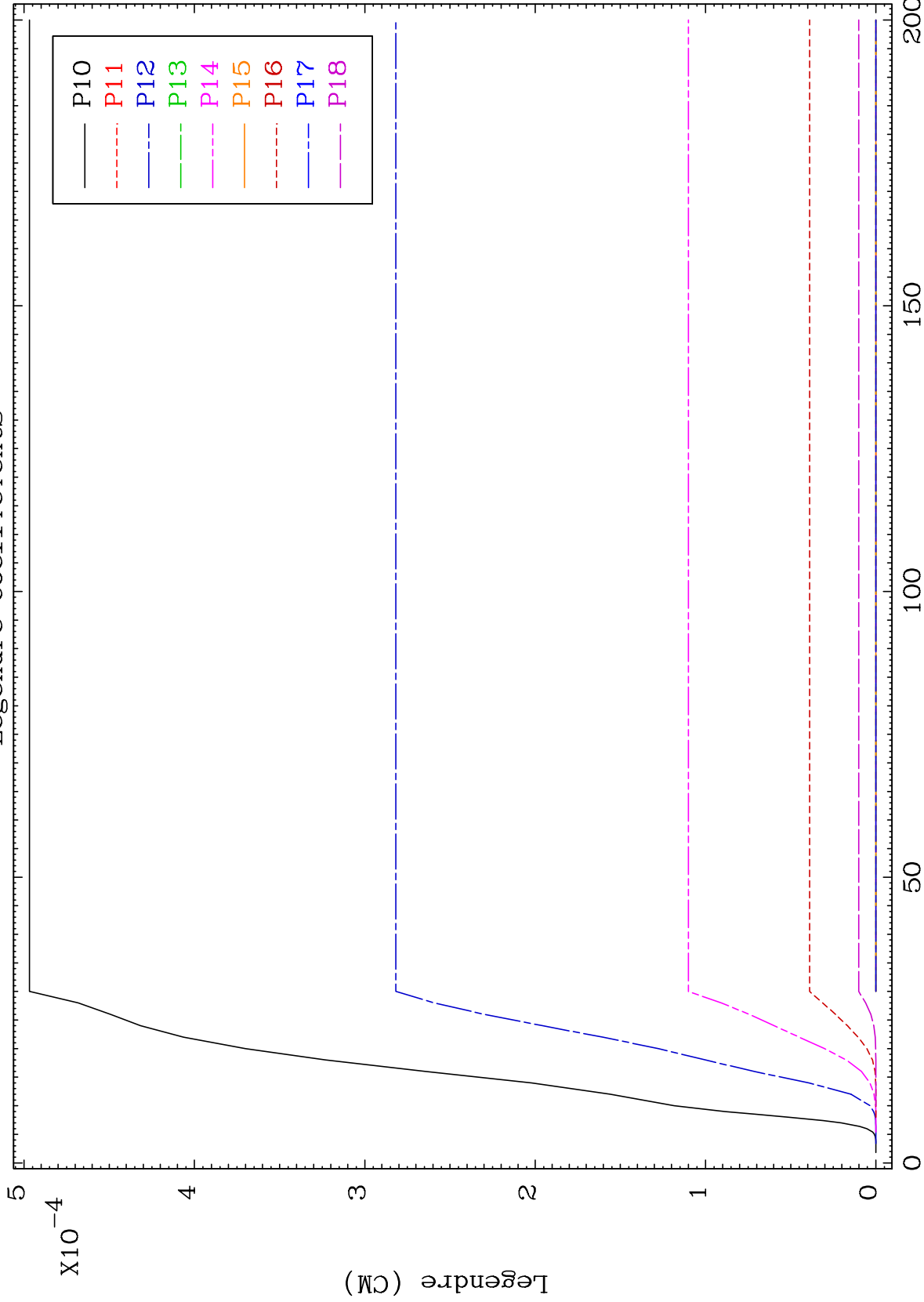
53-I -132



47

Incident Energy (MeV)

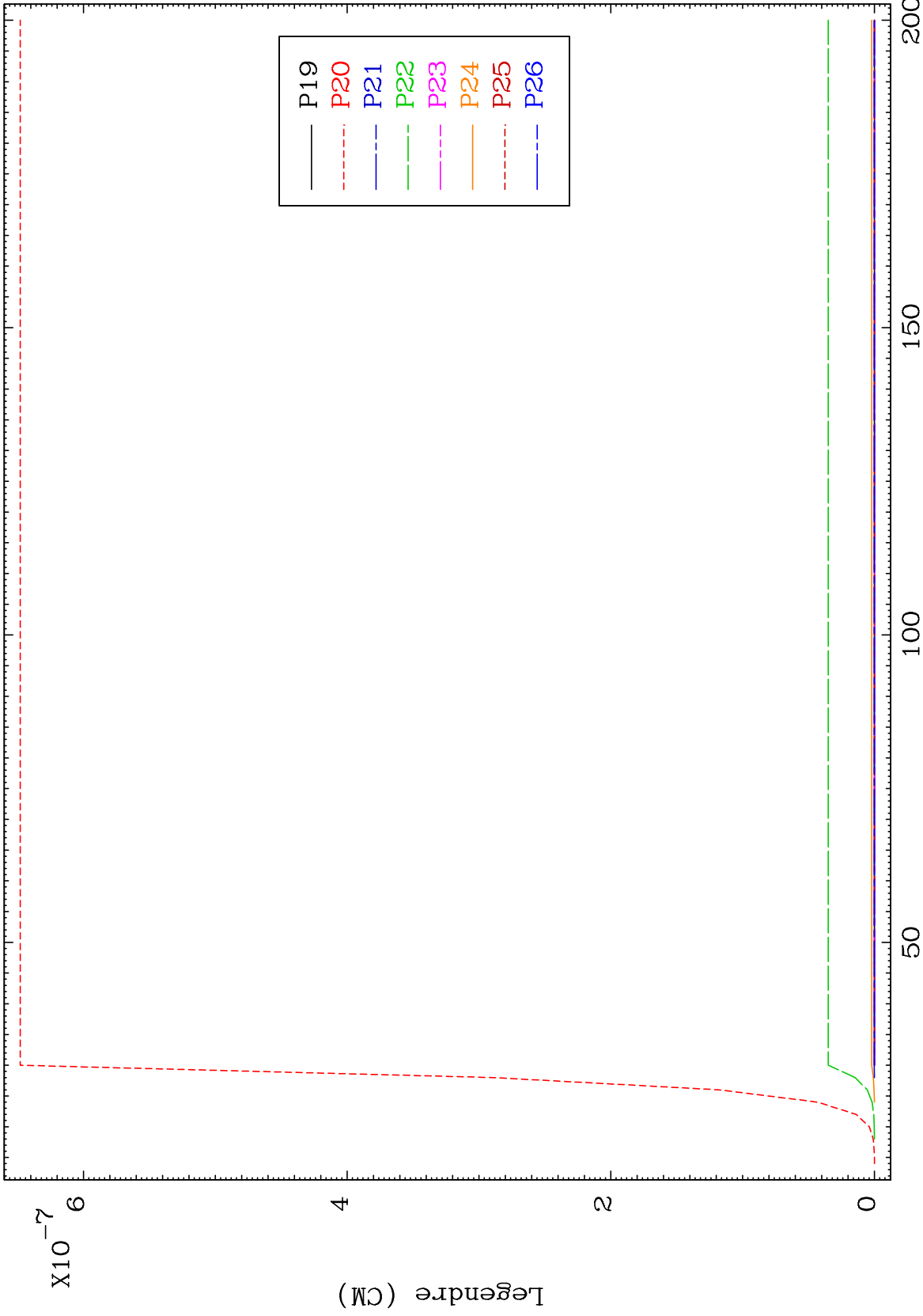
53-I -132



MAT 5340

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

53-I -132



49

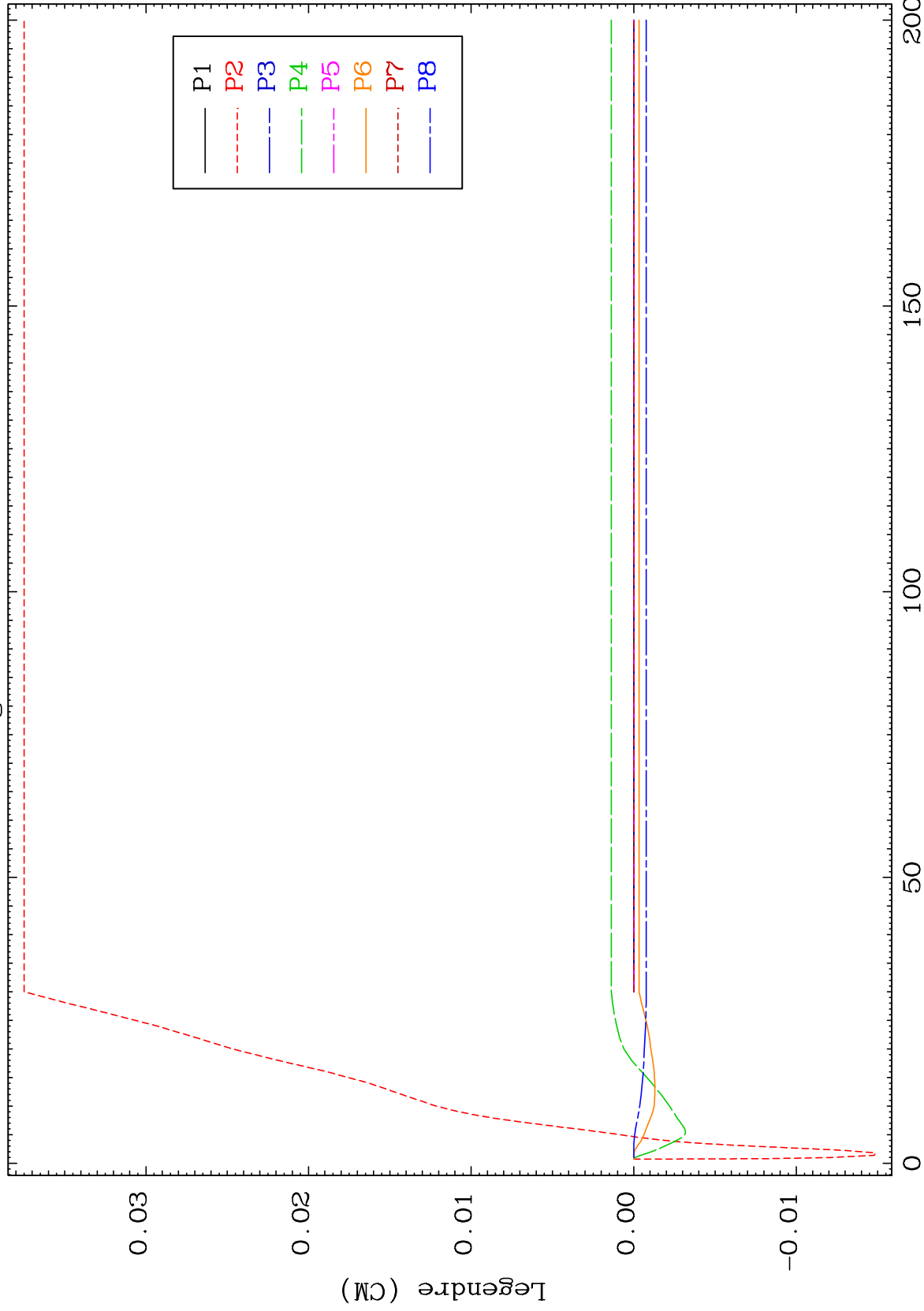
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



53-I -132

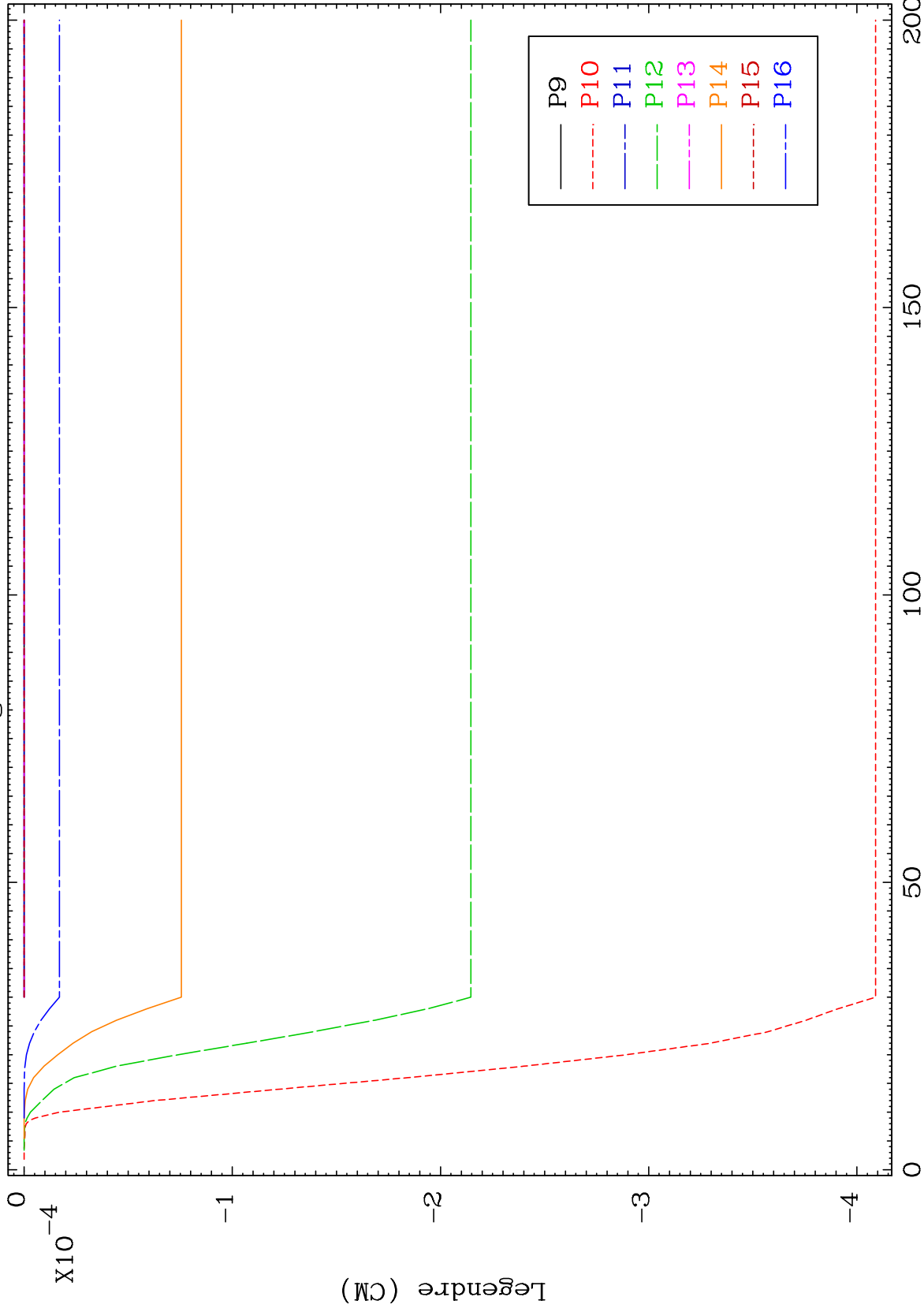
Incident Energy (MeV)

50

MAT 5340

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

53-I -132



51

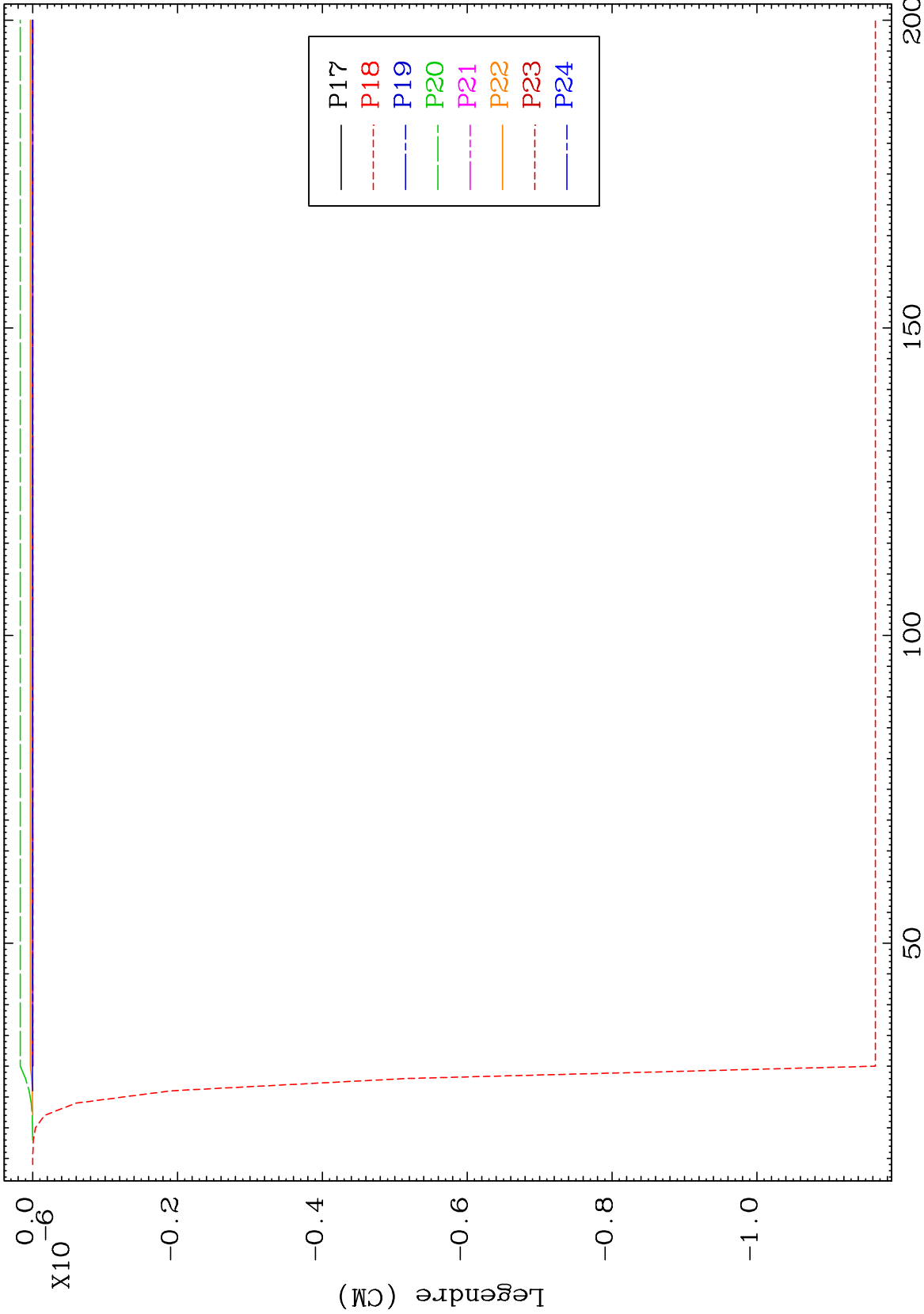
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



52

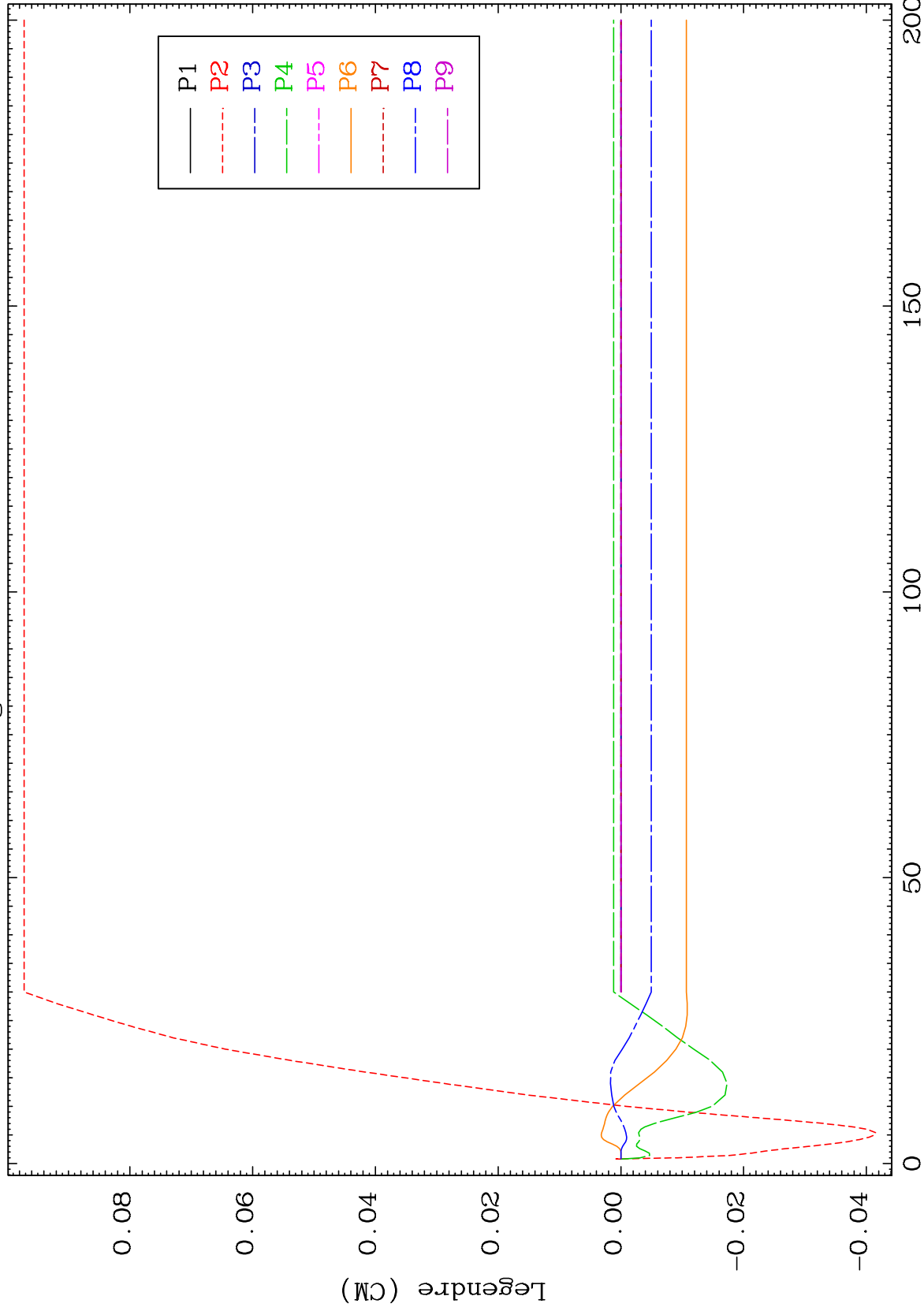
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



53

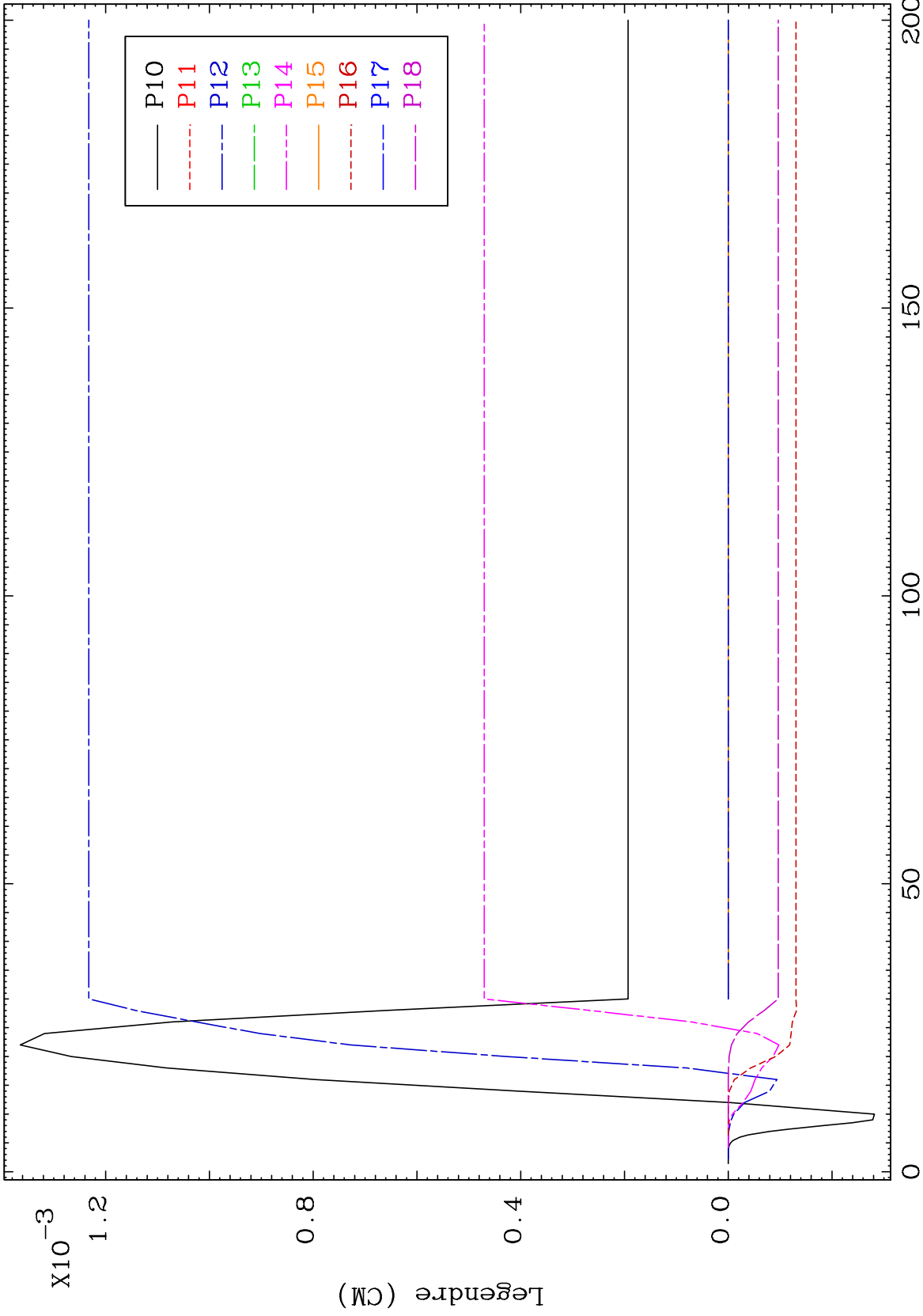
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



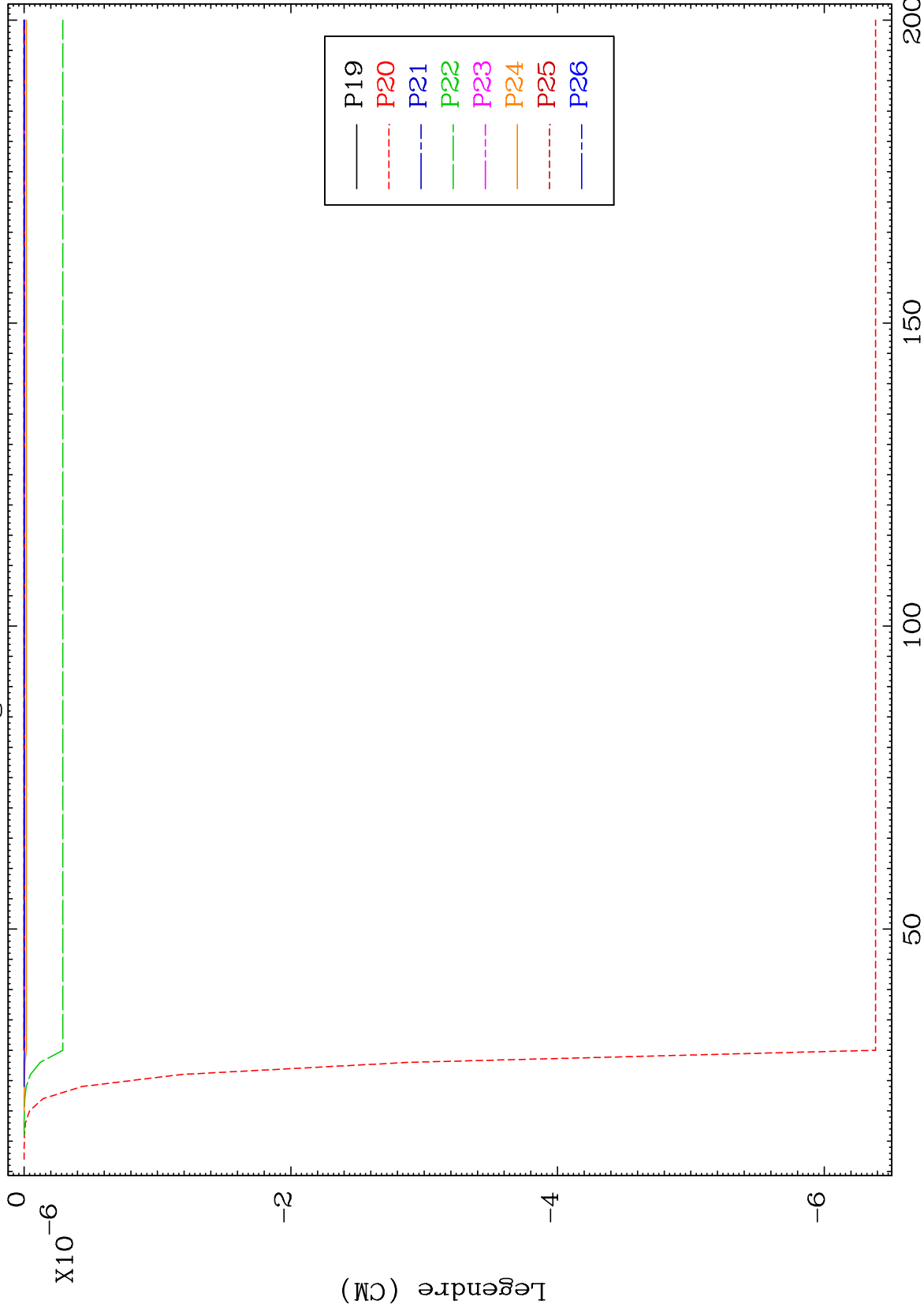
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53-I -132

MAT 5340

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

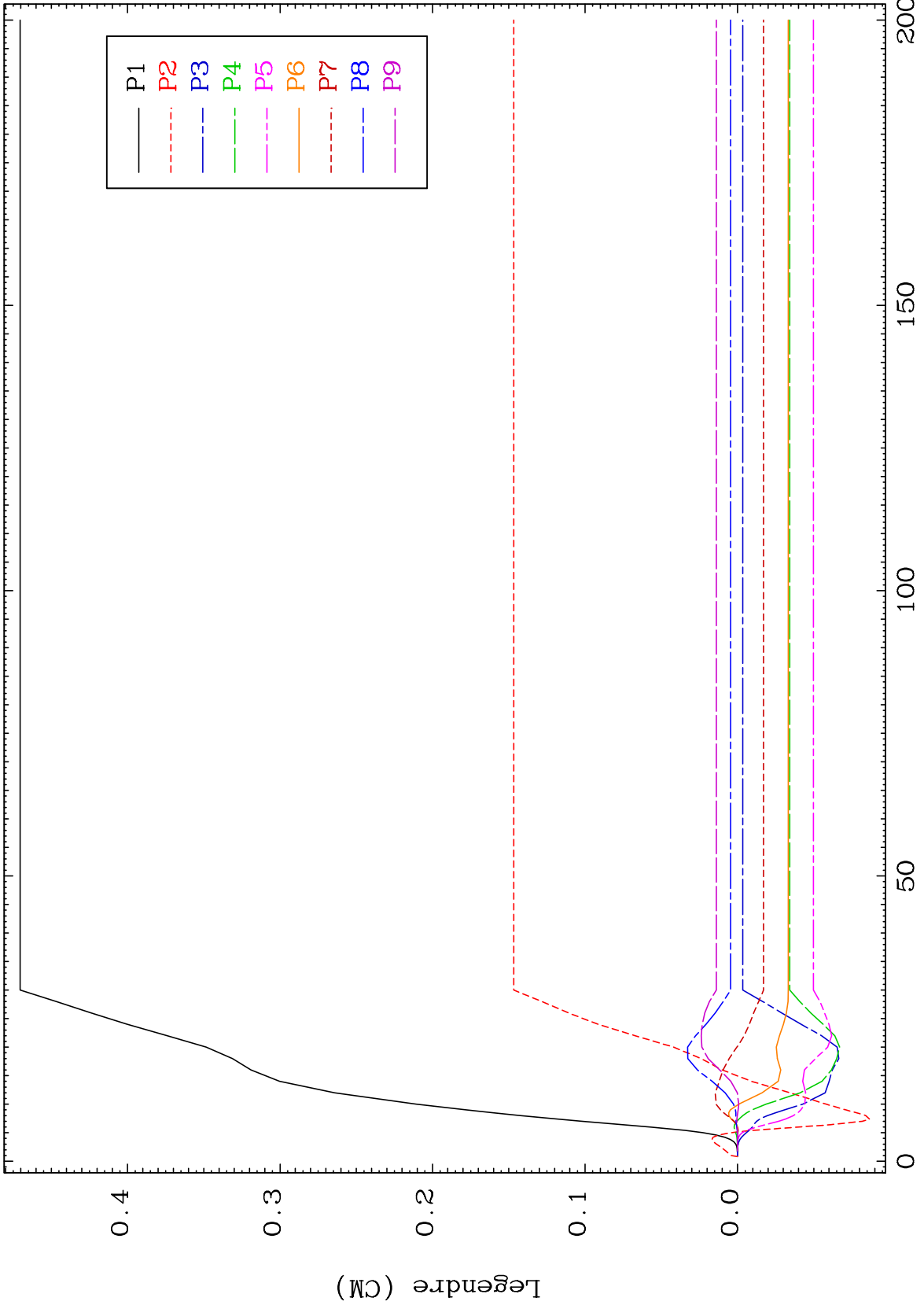
53-I -132



55

Incident Energy (MeV)

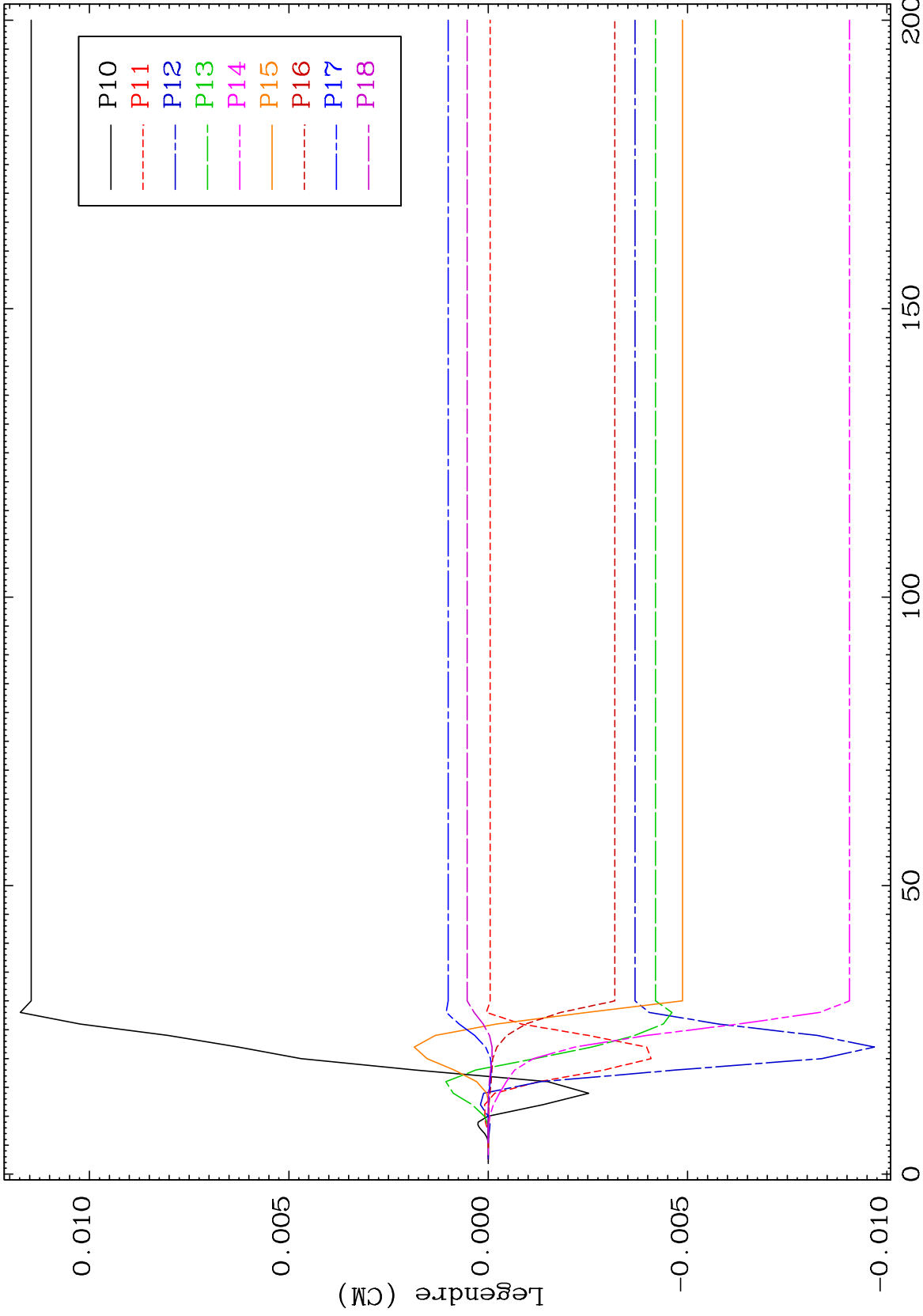
53-I -132



MAT 5340

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

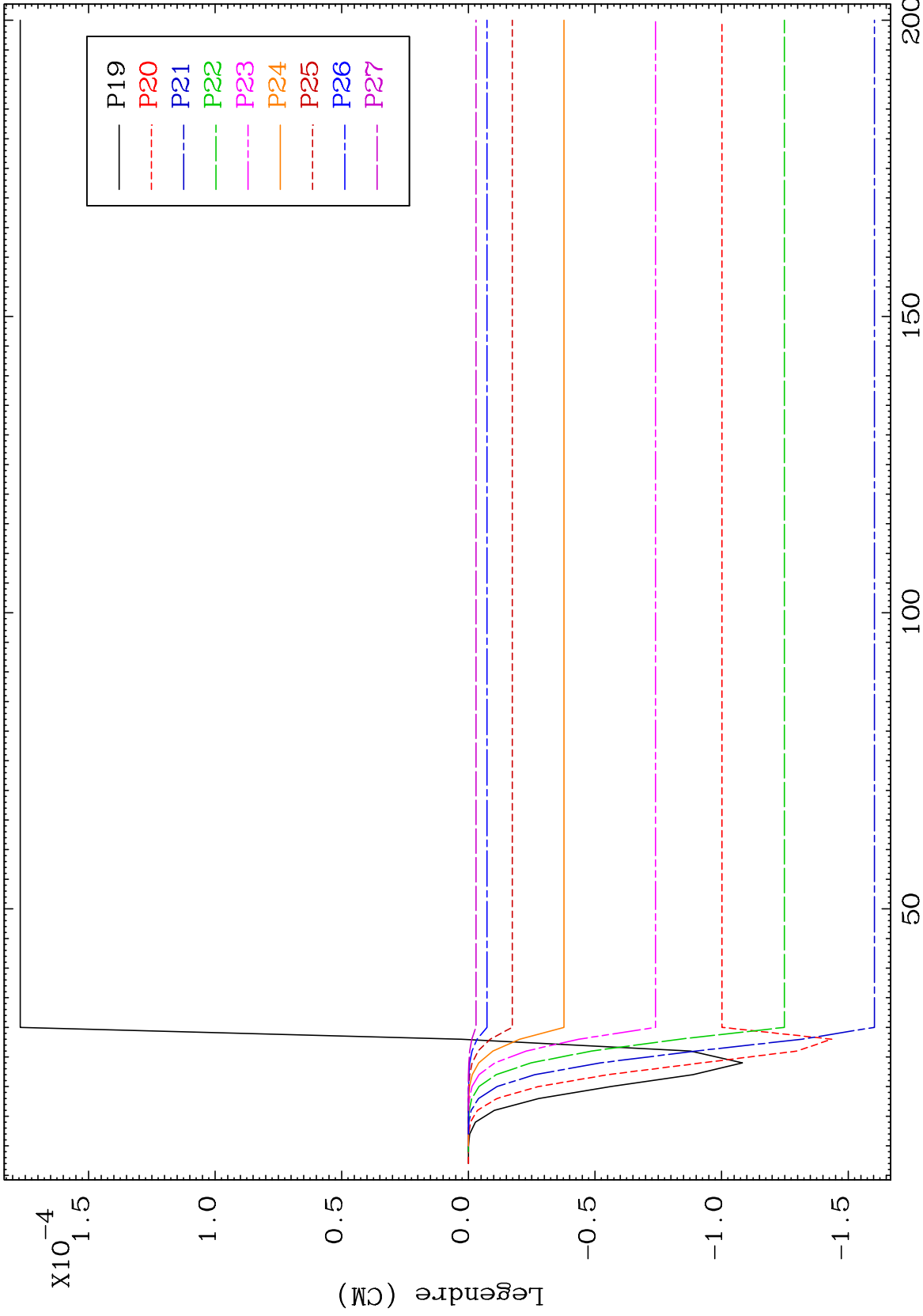
53-I -132



57

Incident Energy (MeV)

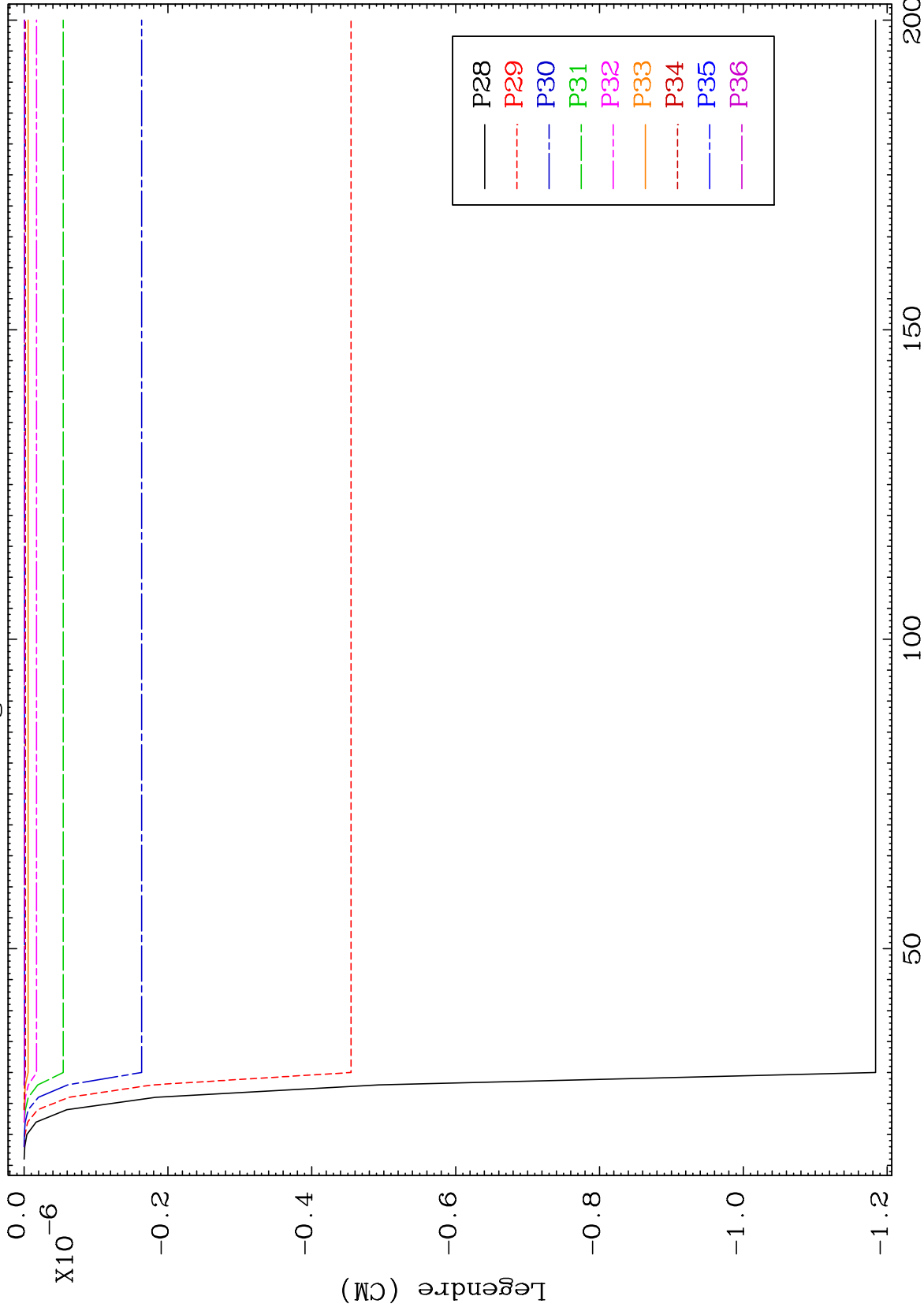
53-I -132



MAT 5340

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

53-I -132



59

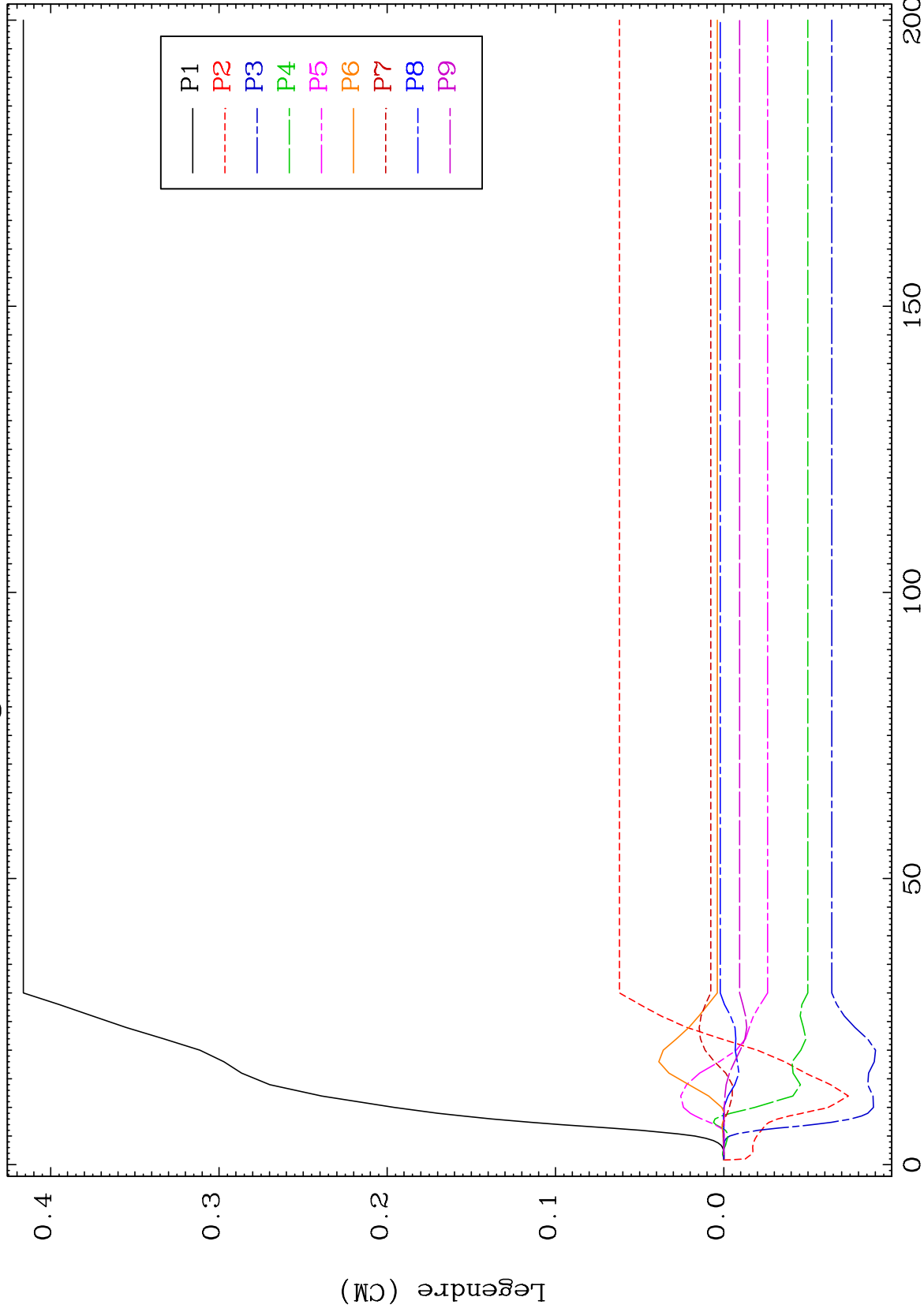
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



53-I -132

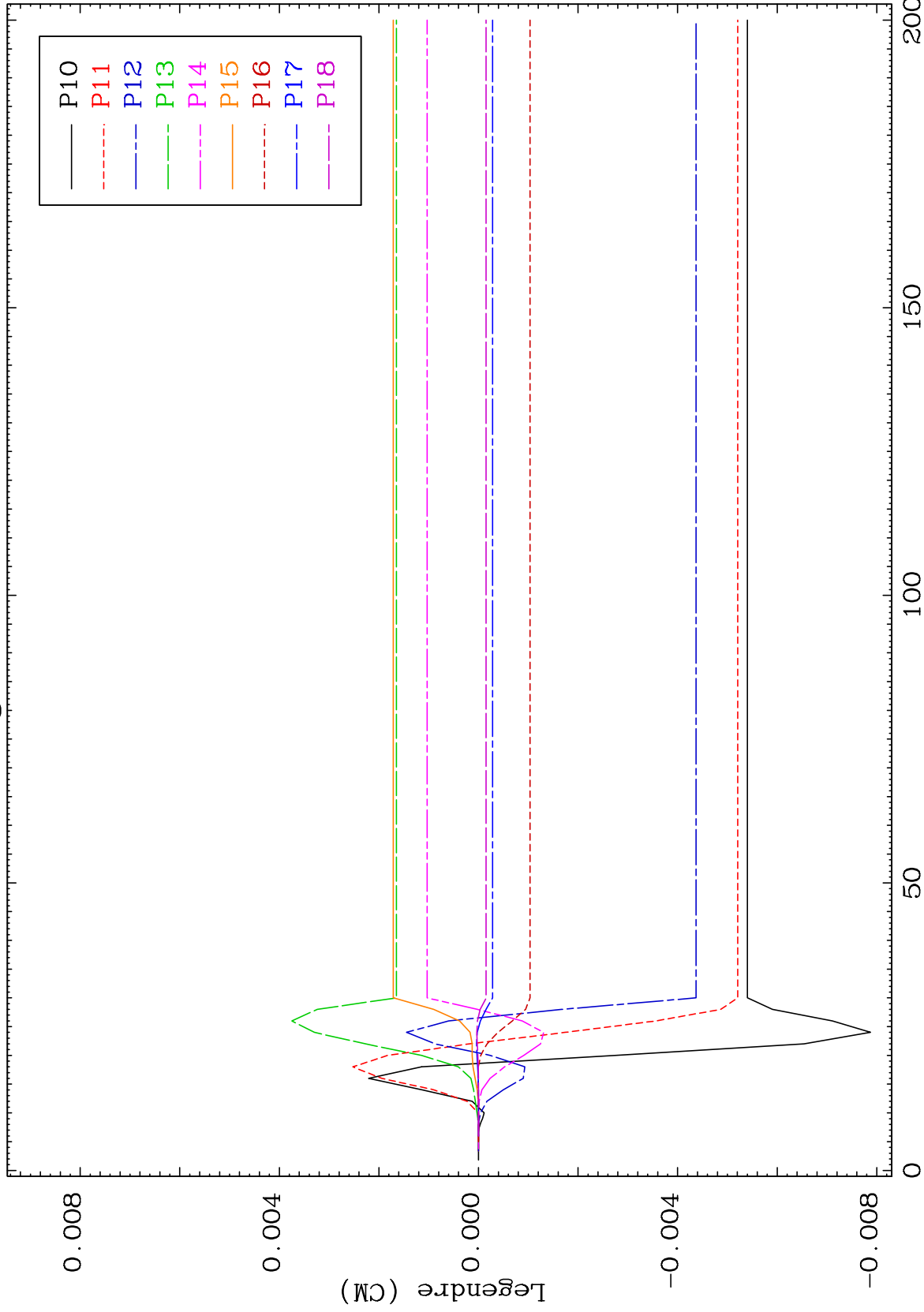
Incident Energy (MeV)

60

MAT 5340

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

53-I -132



61

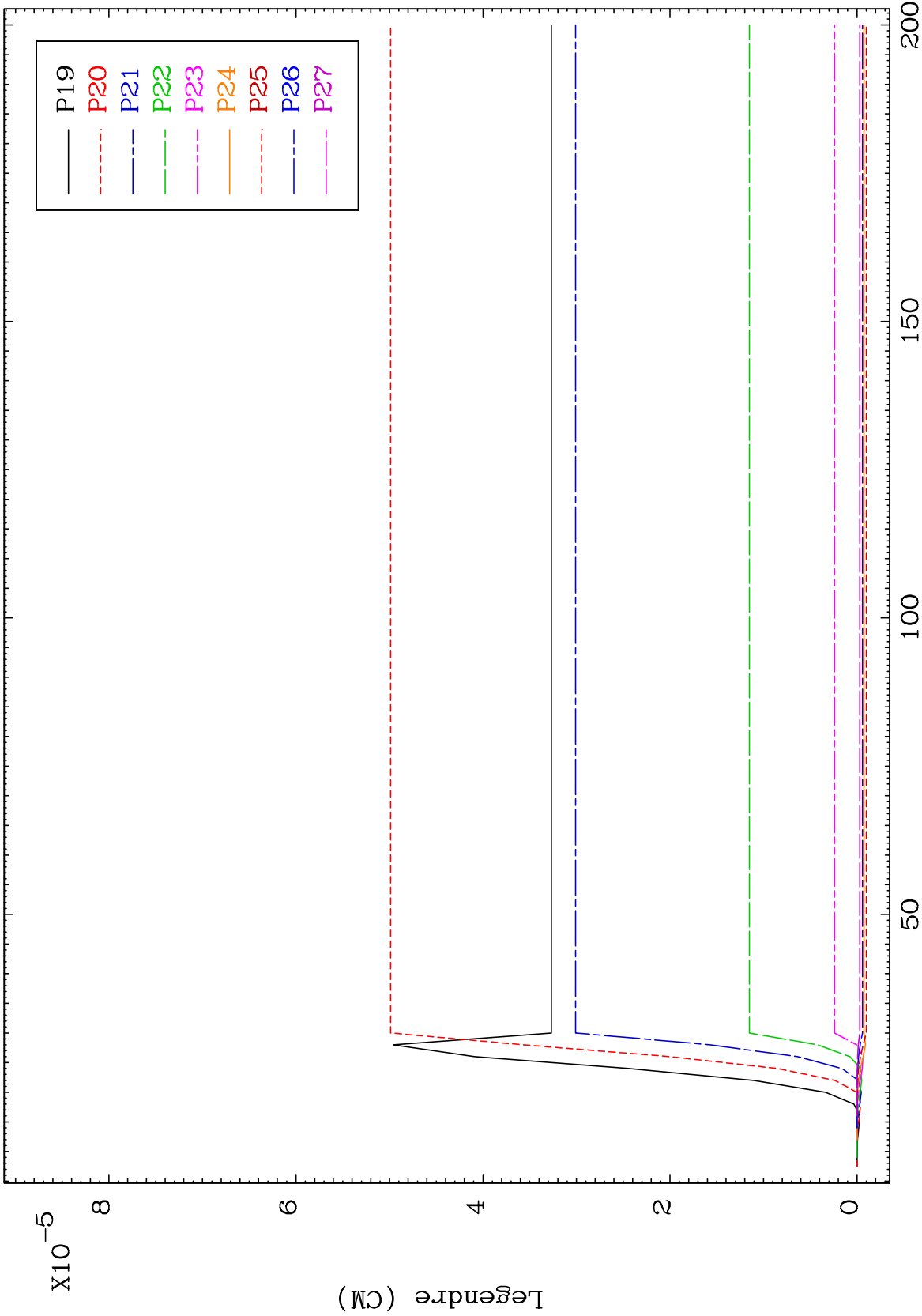
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



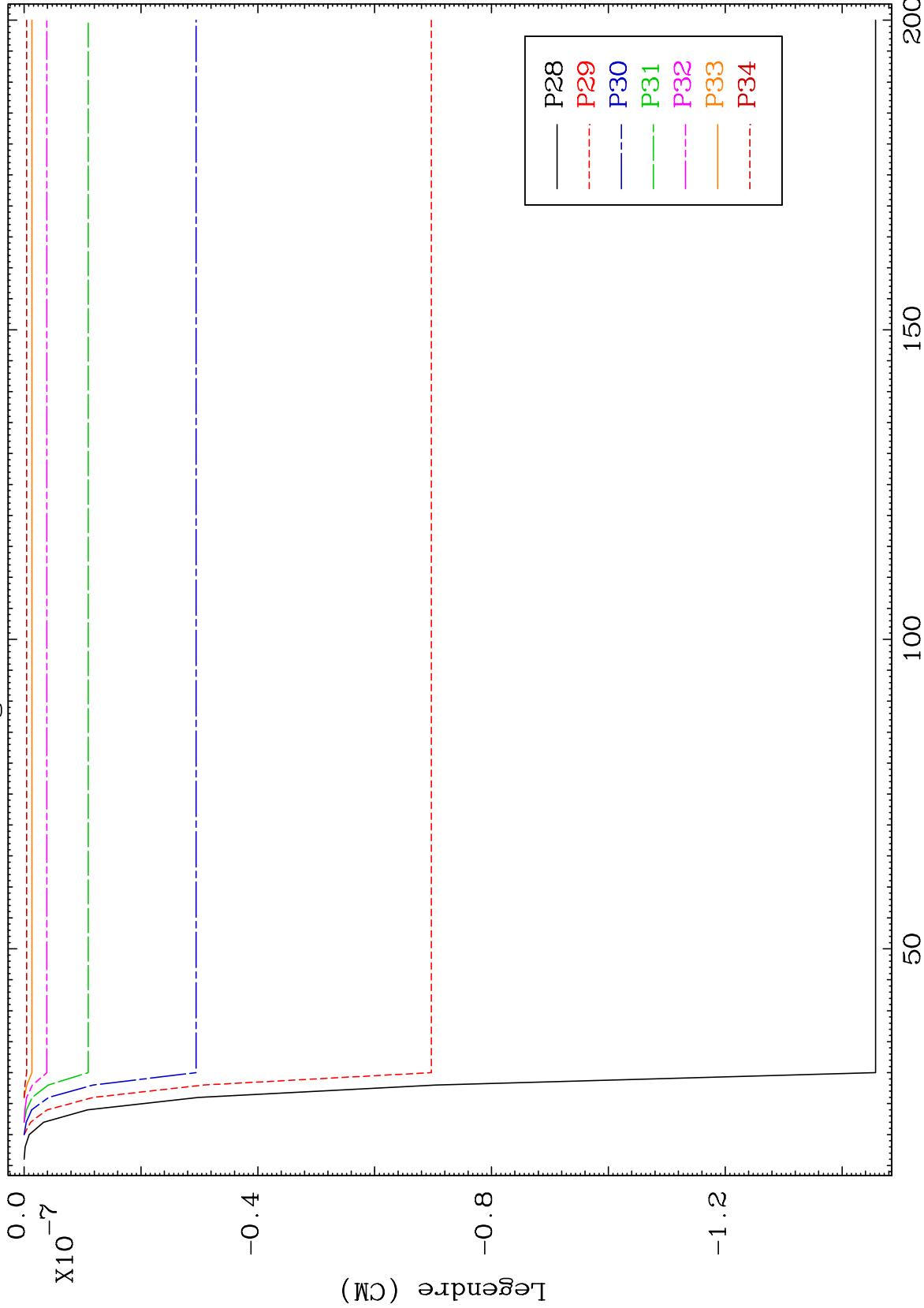
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53-I -132

MAT 5340

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

53-I -132



63

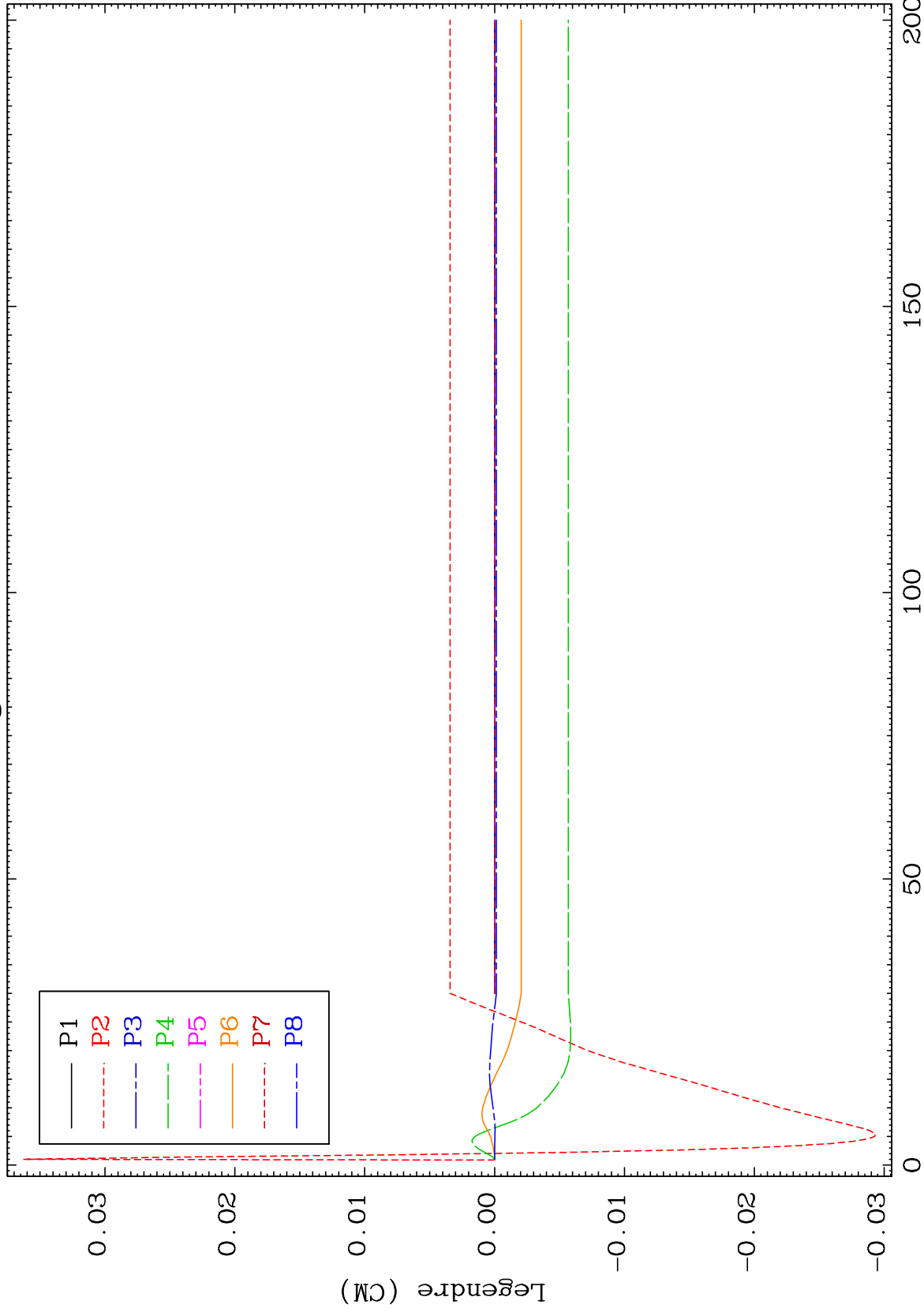
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



64

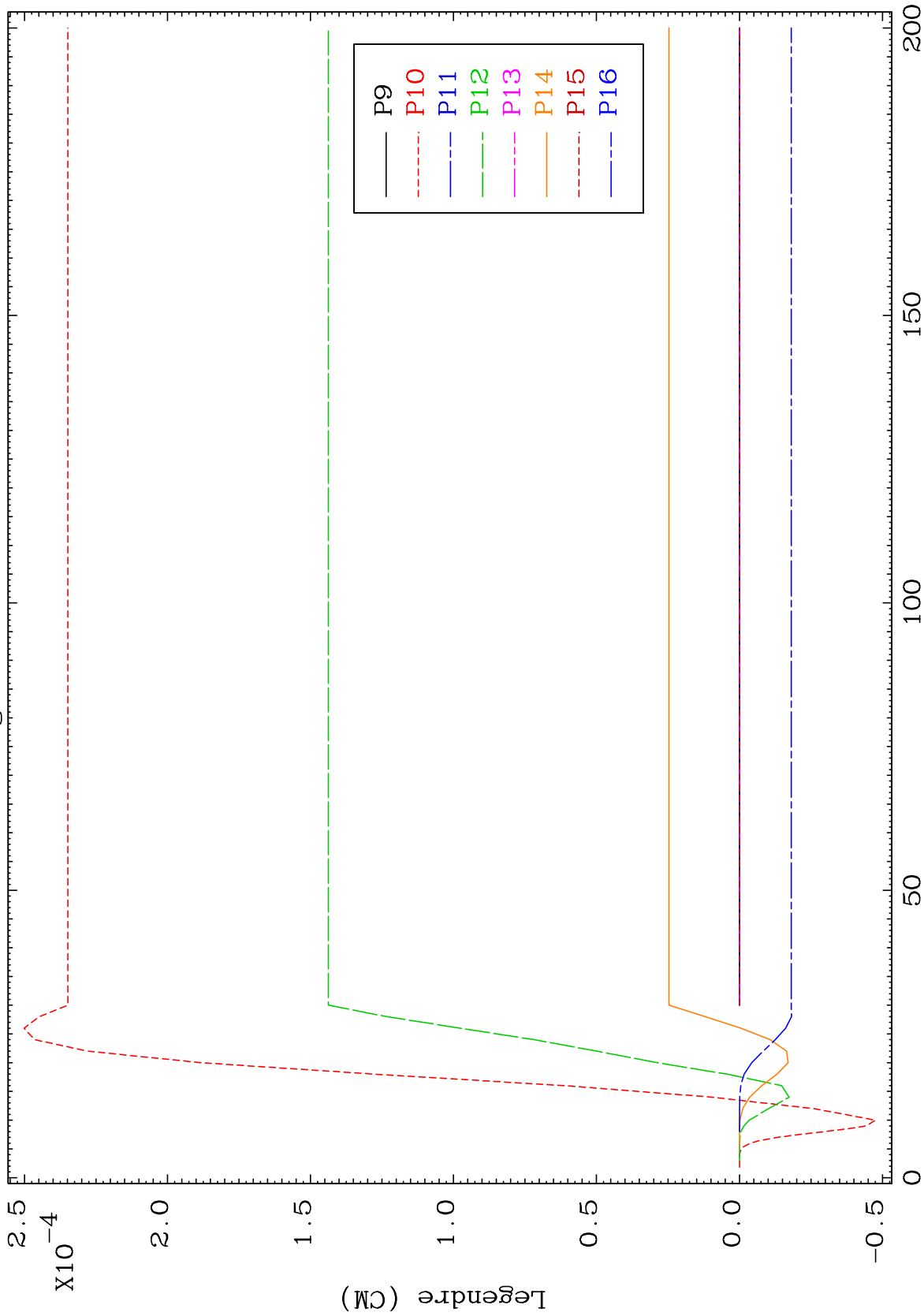
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



65

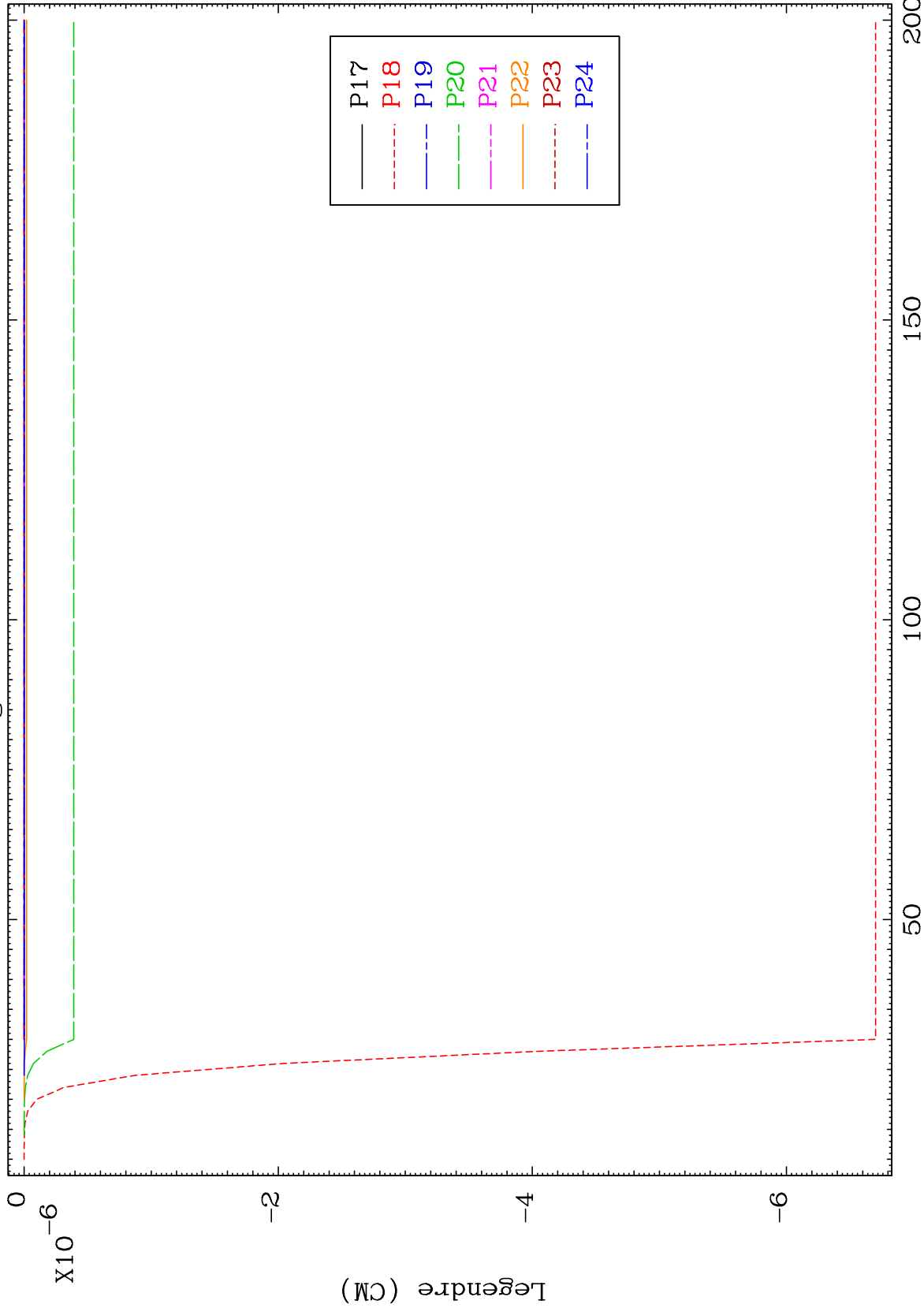
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



66

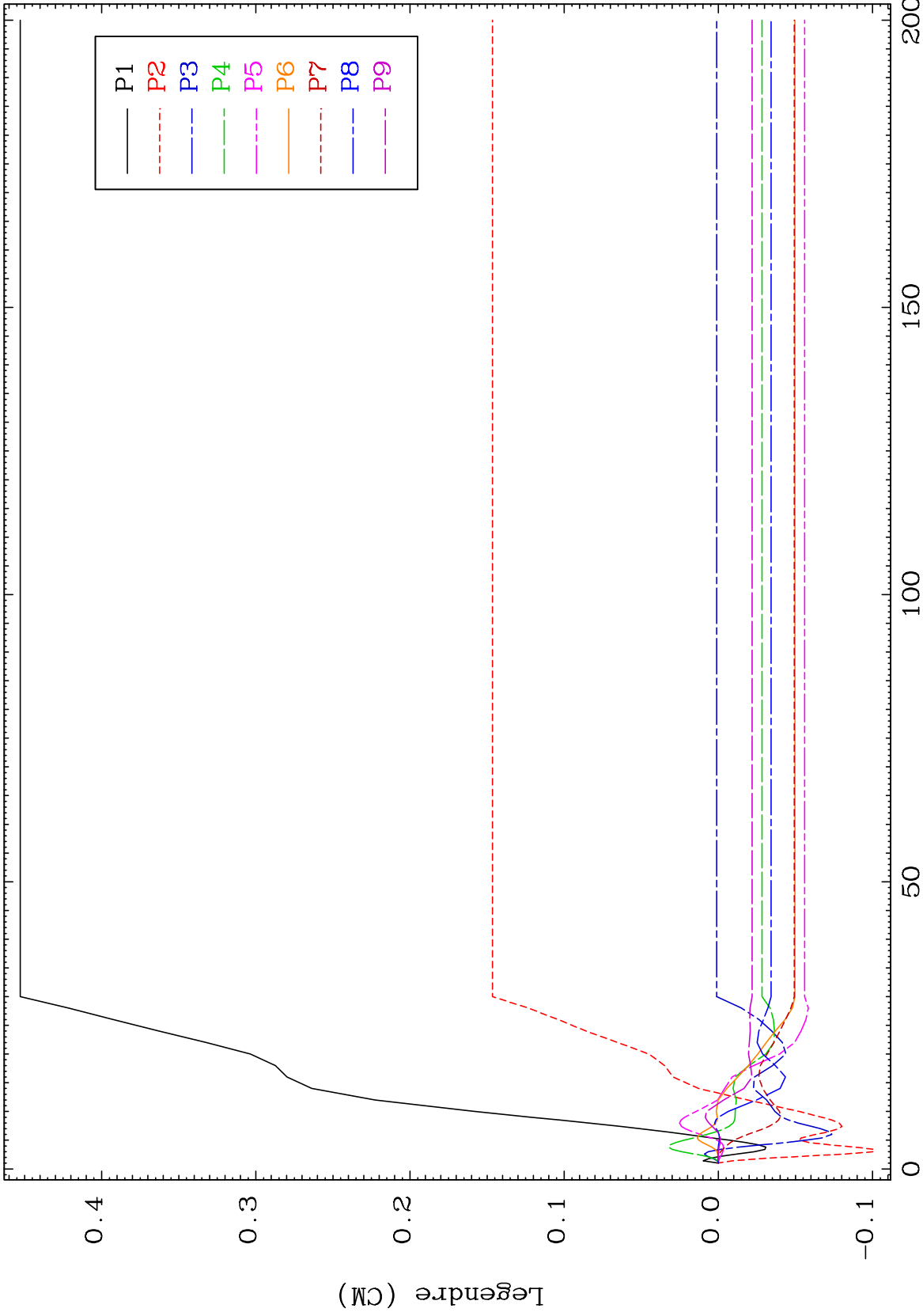
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



67

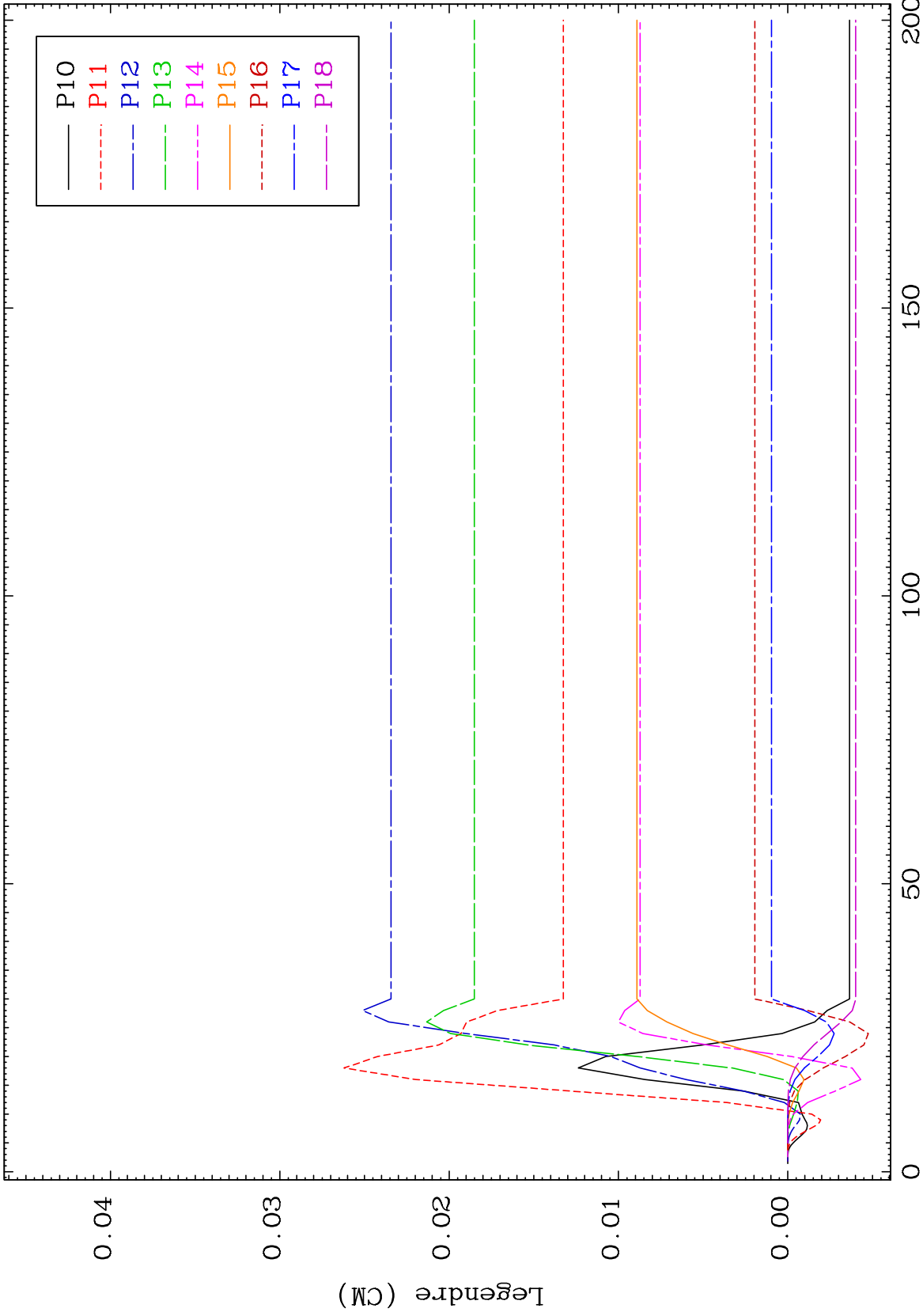
Incident Energy (MeV)

53-I -132

MAT 5340

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

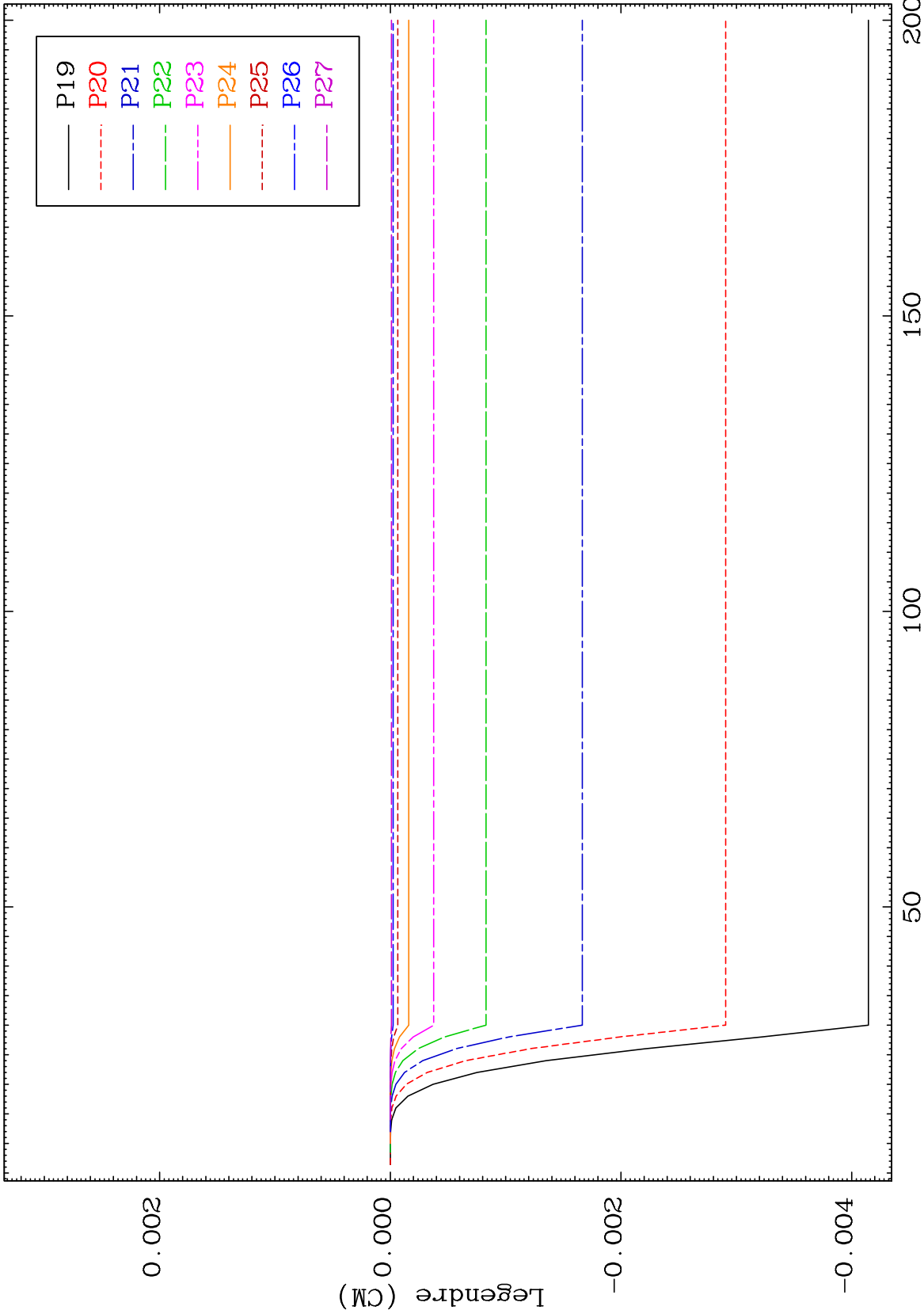
53-I -132



68

Incident Energy (MeV)

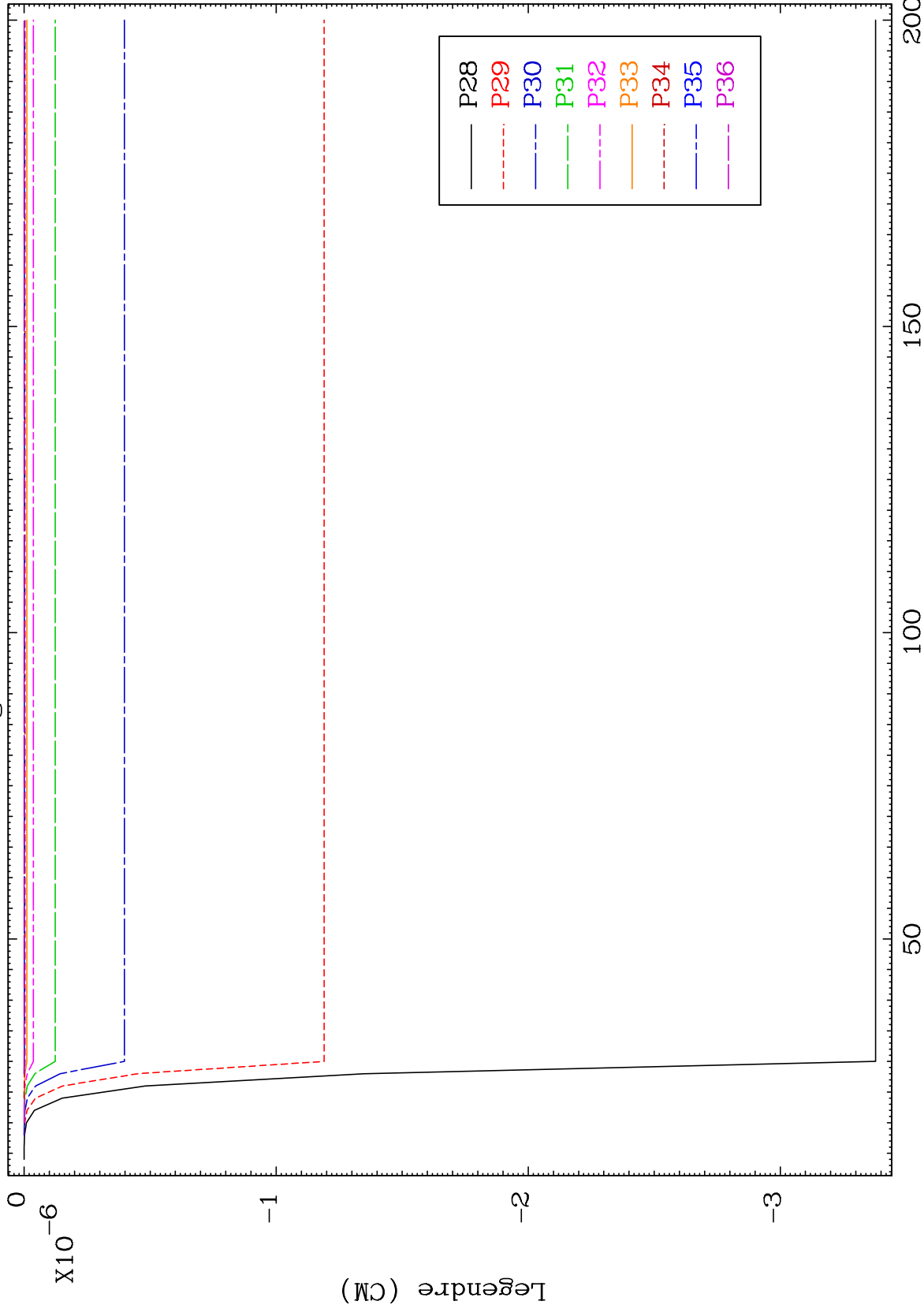
53-I -132



MAT 5340

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

53-I -132



53-I -132

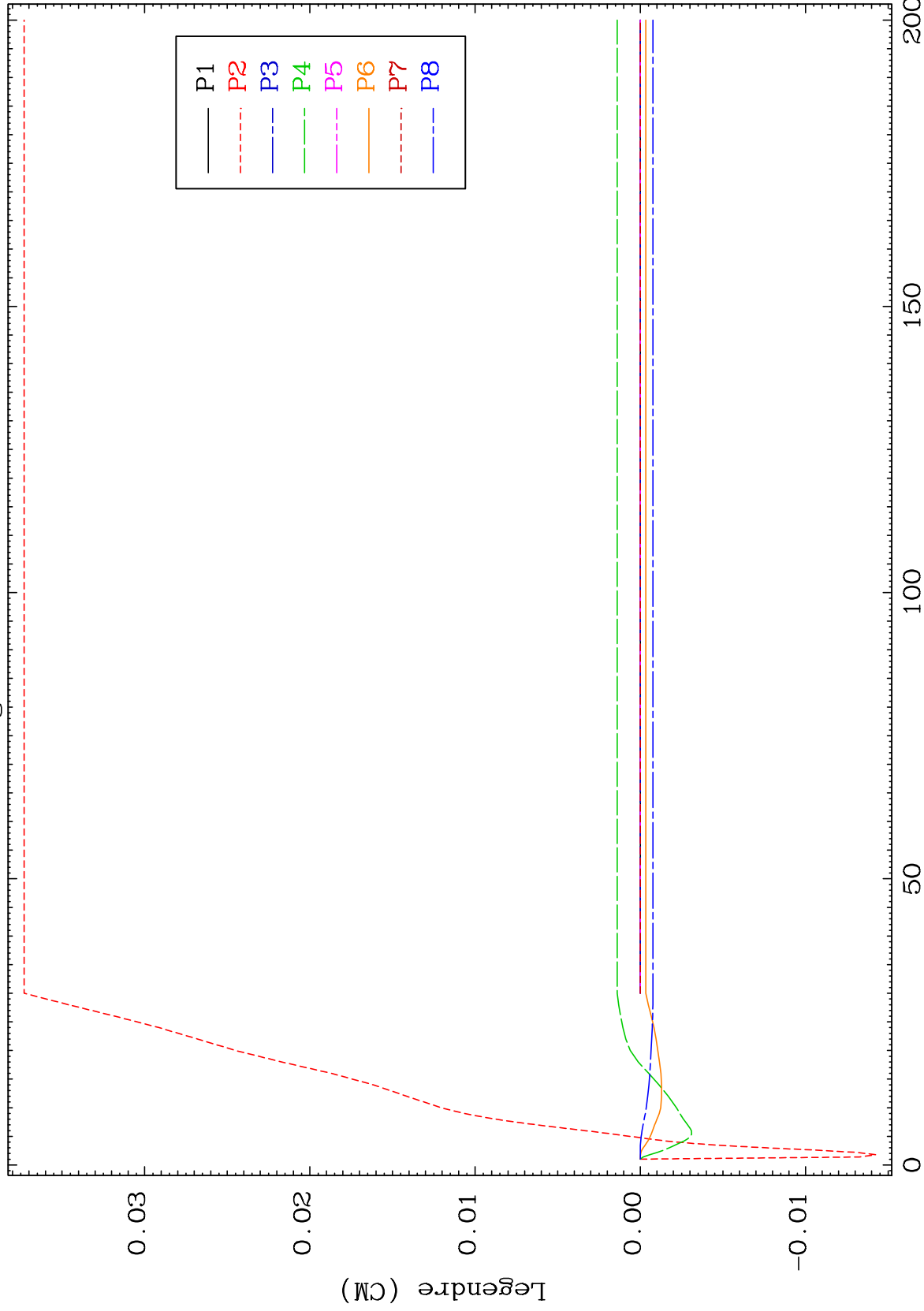
Incident Energy (MeV)

70

MAT 5340

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

53-I -132



71

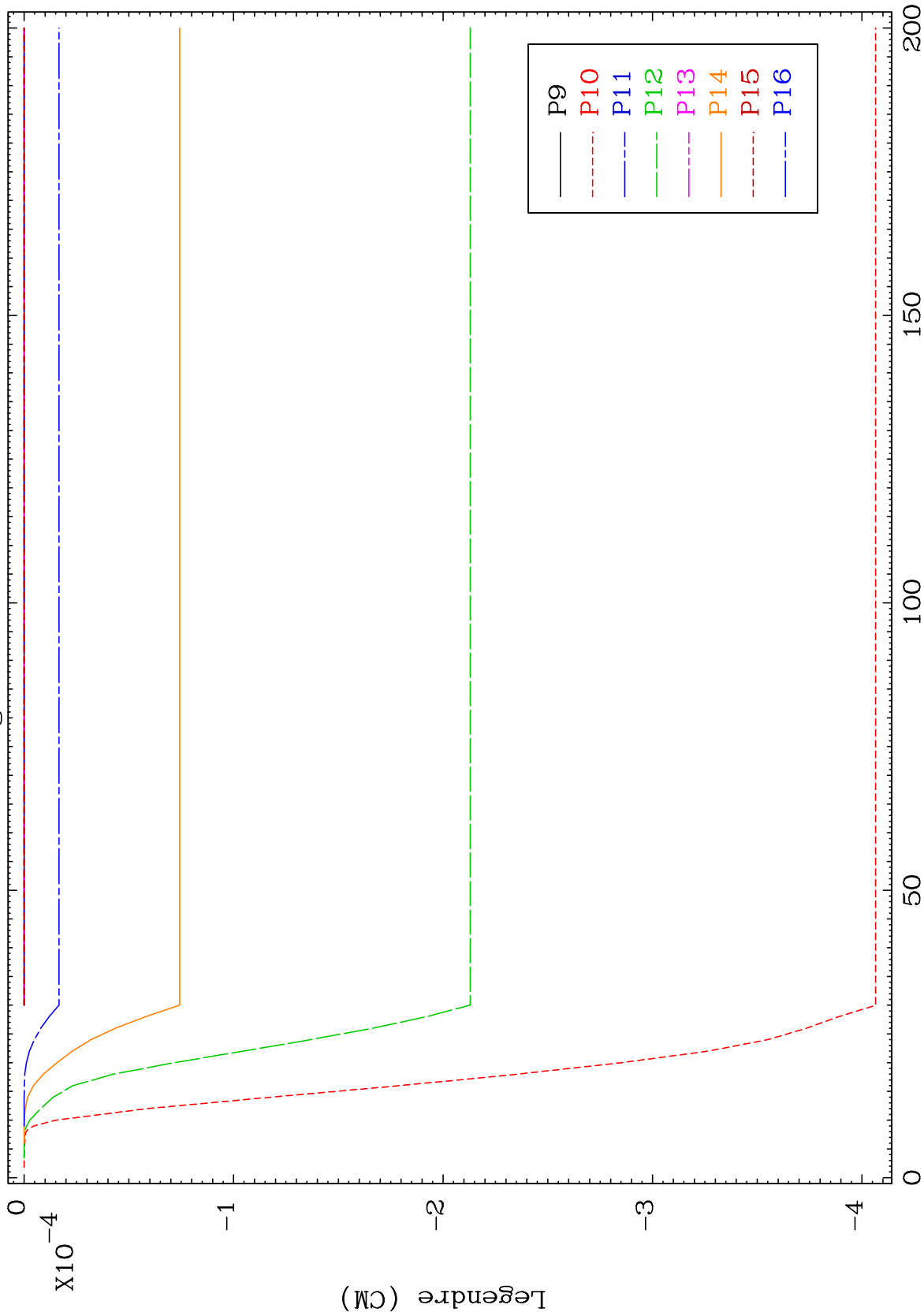
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



72

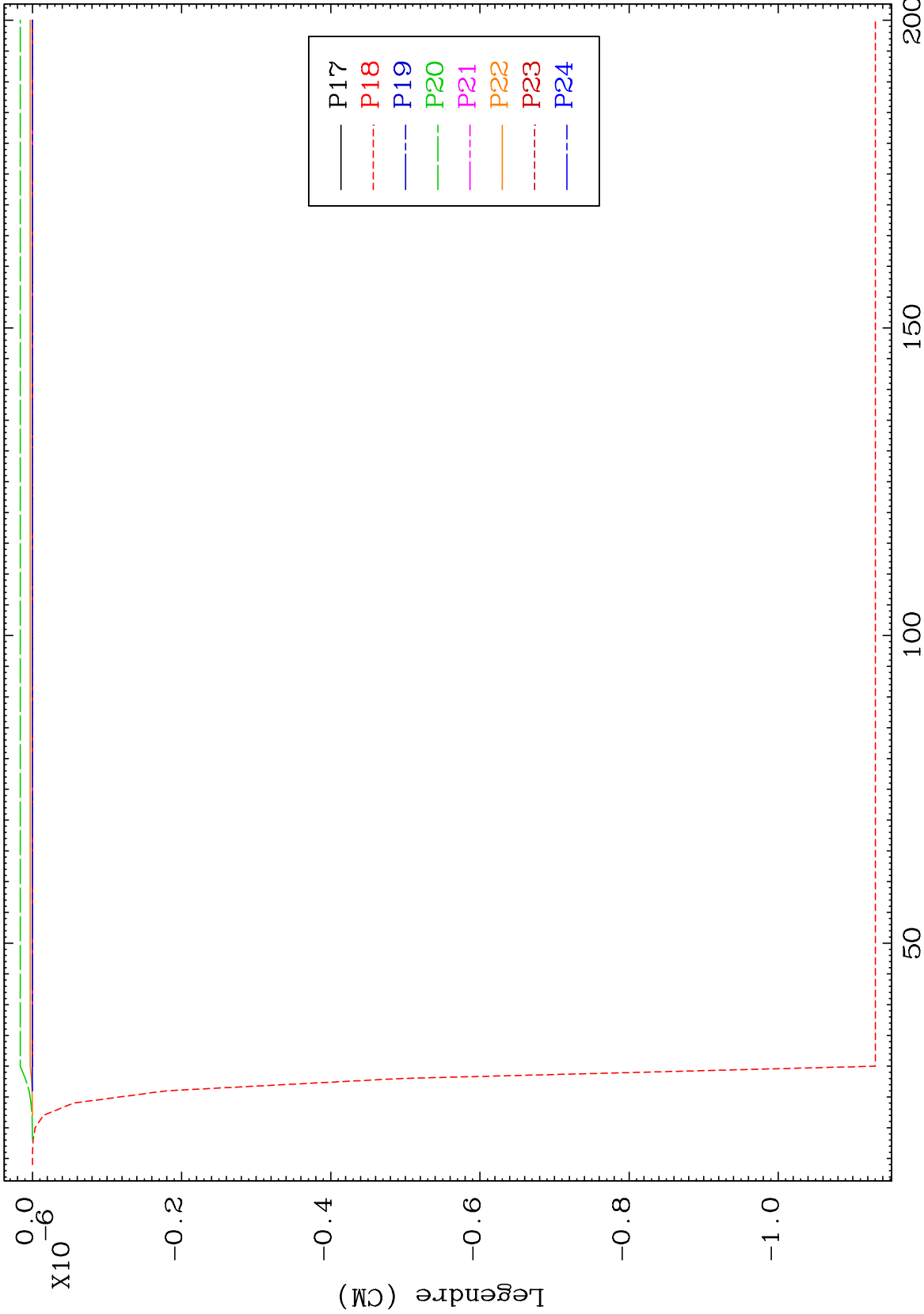
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



73

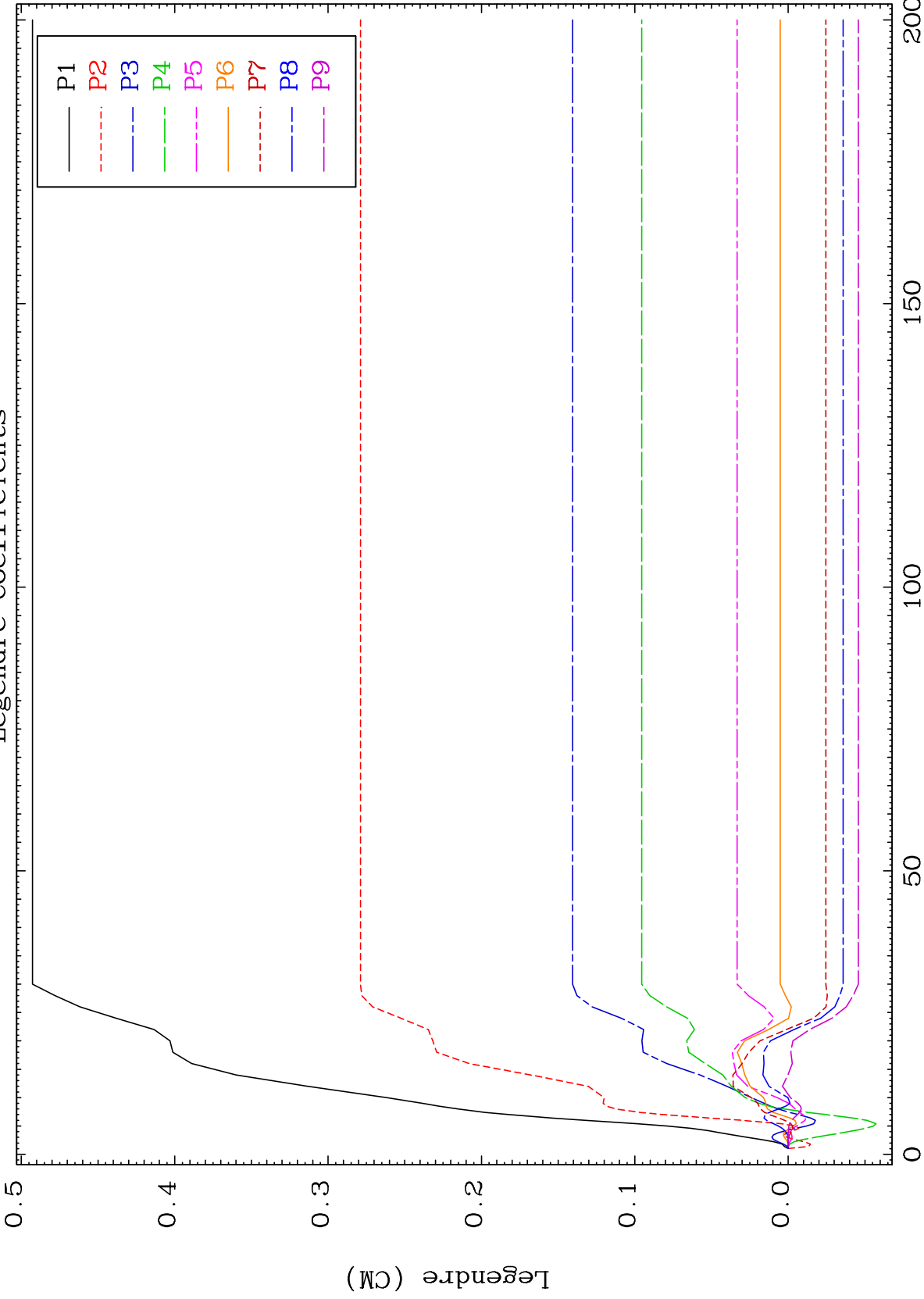
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



74

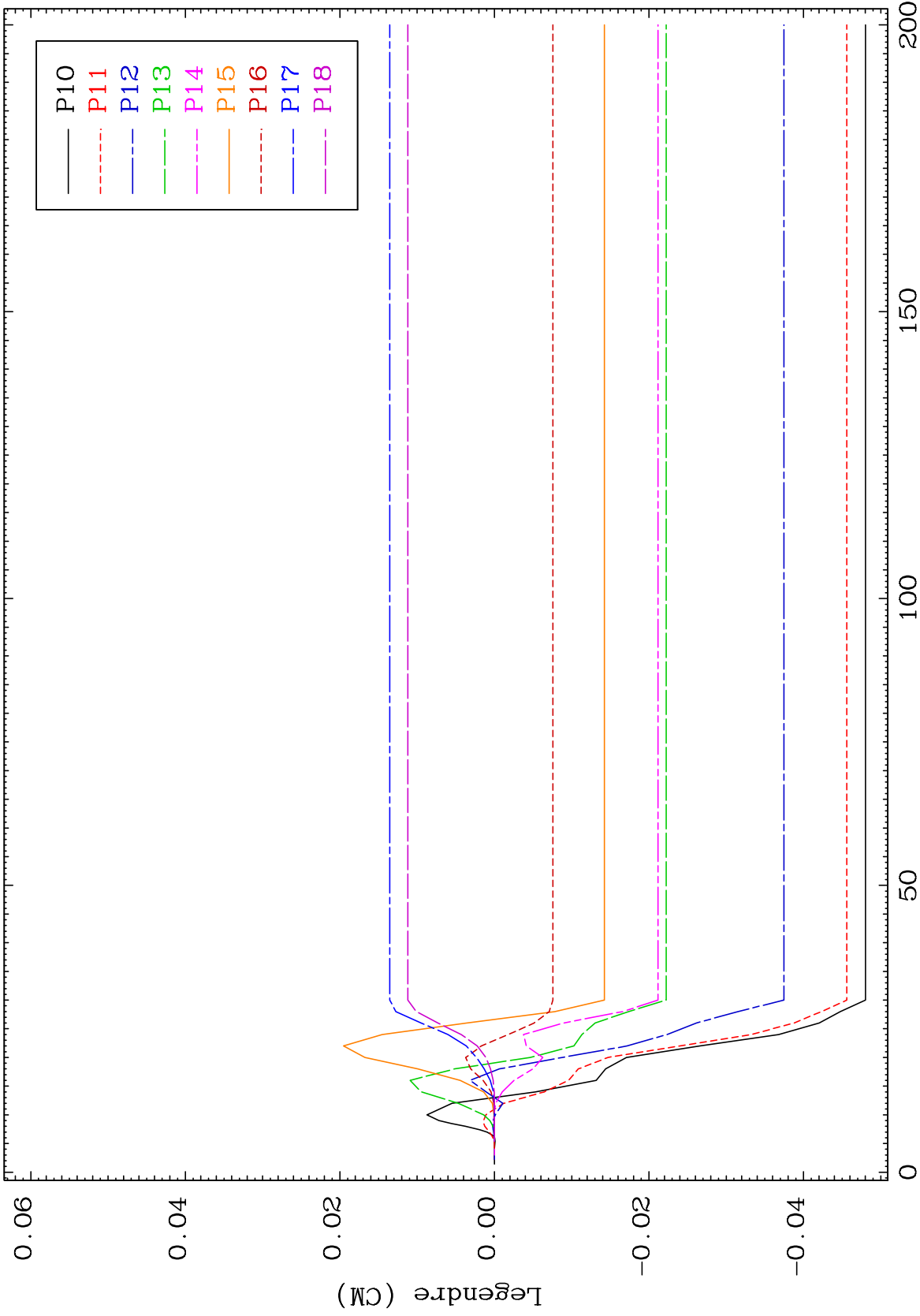
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



75

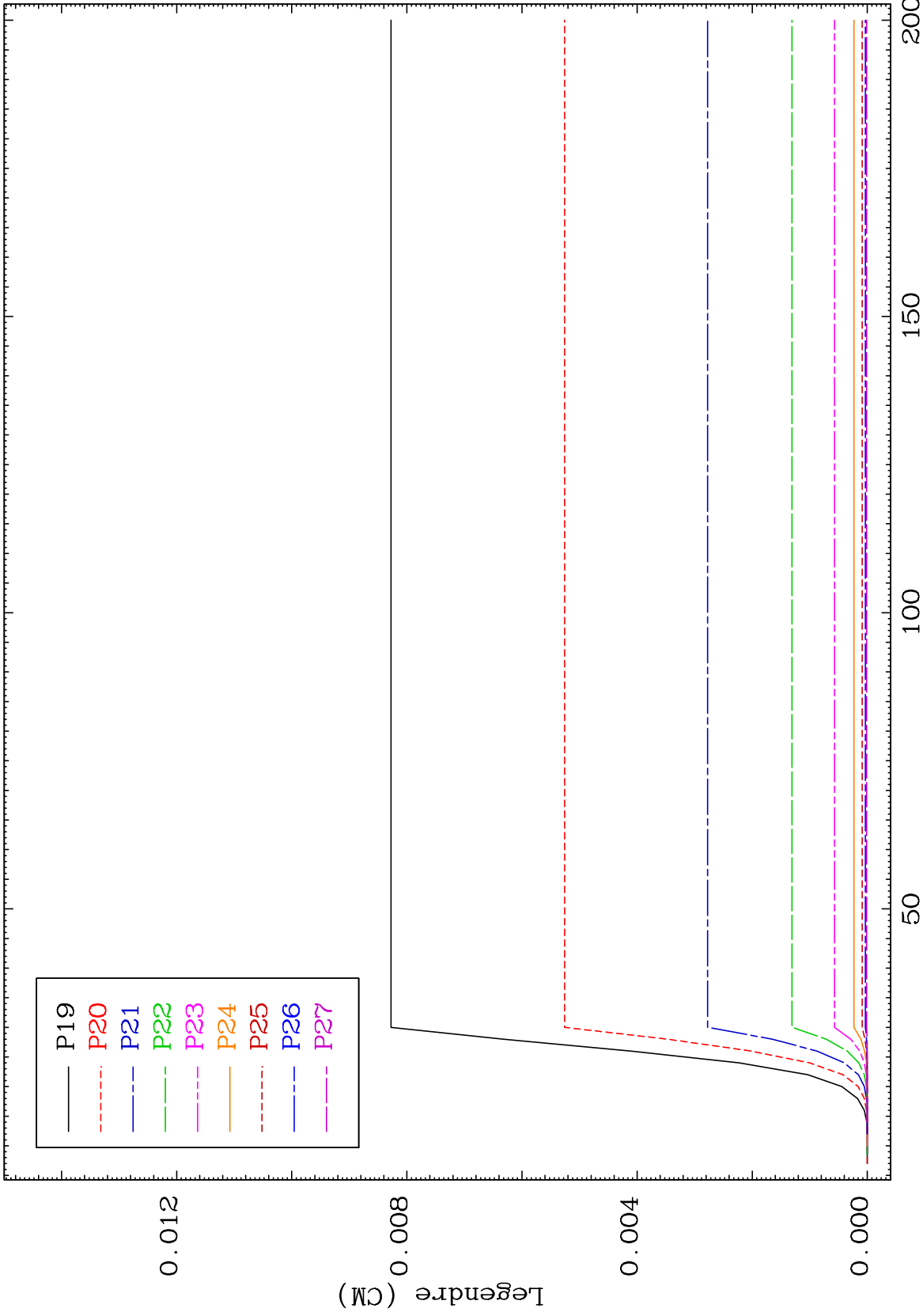
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



76

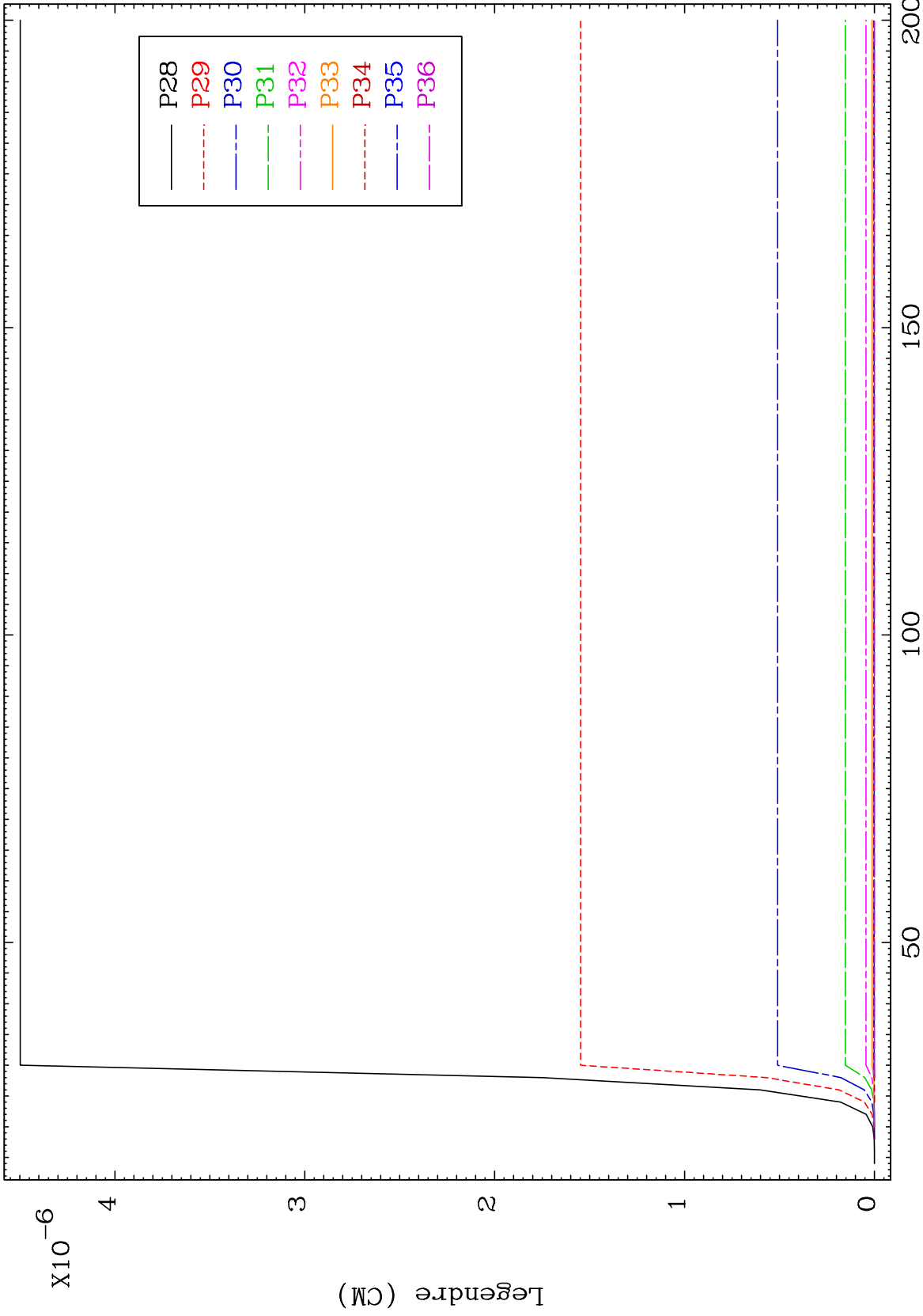
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



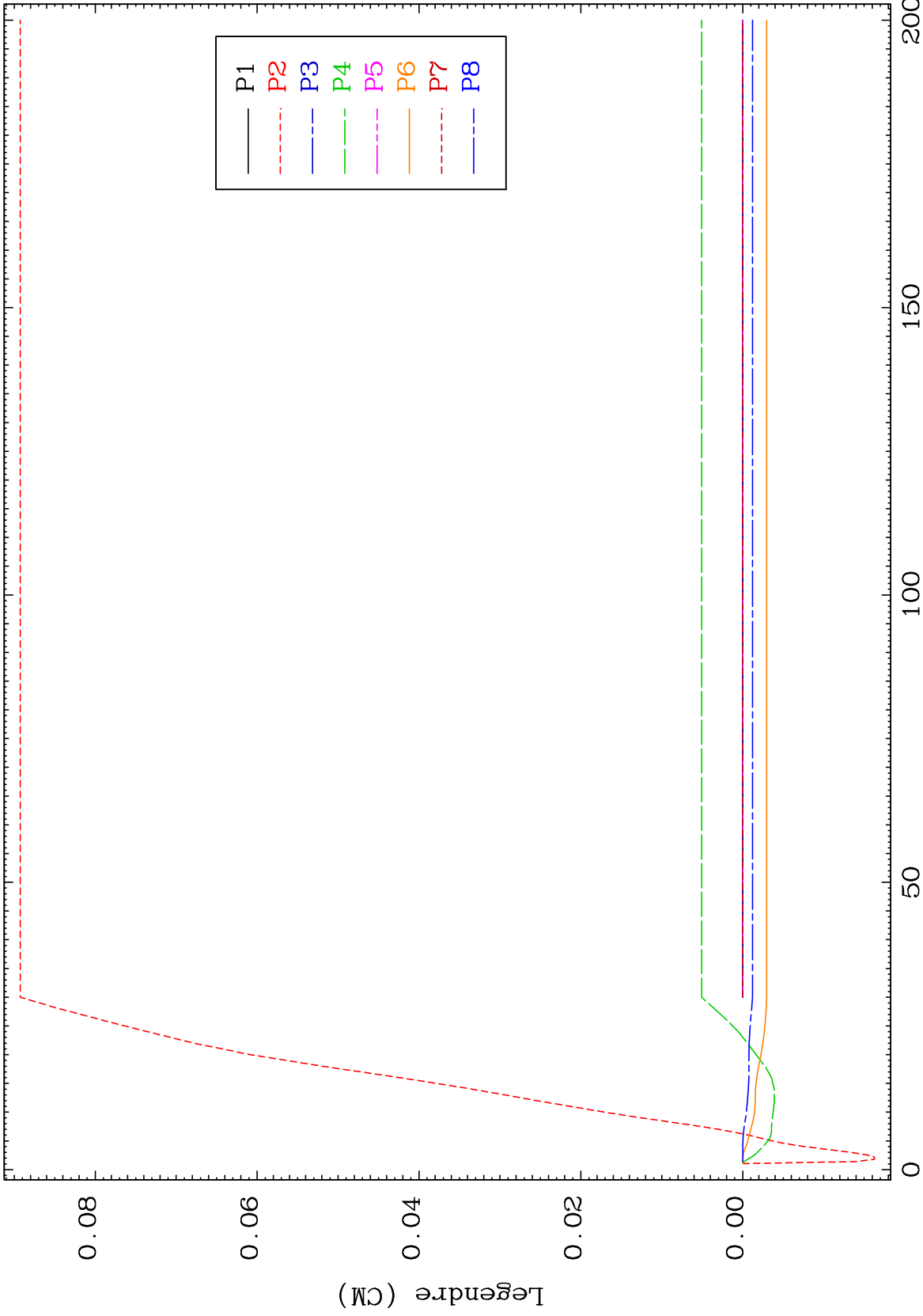
77

53-I -132

MAT 5340

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

53-I -132



78

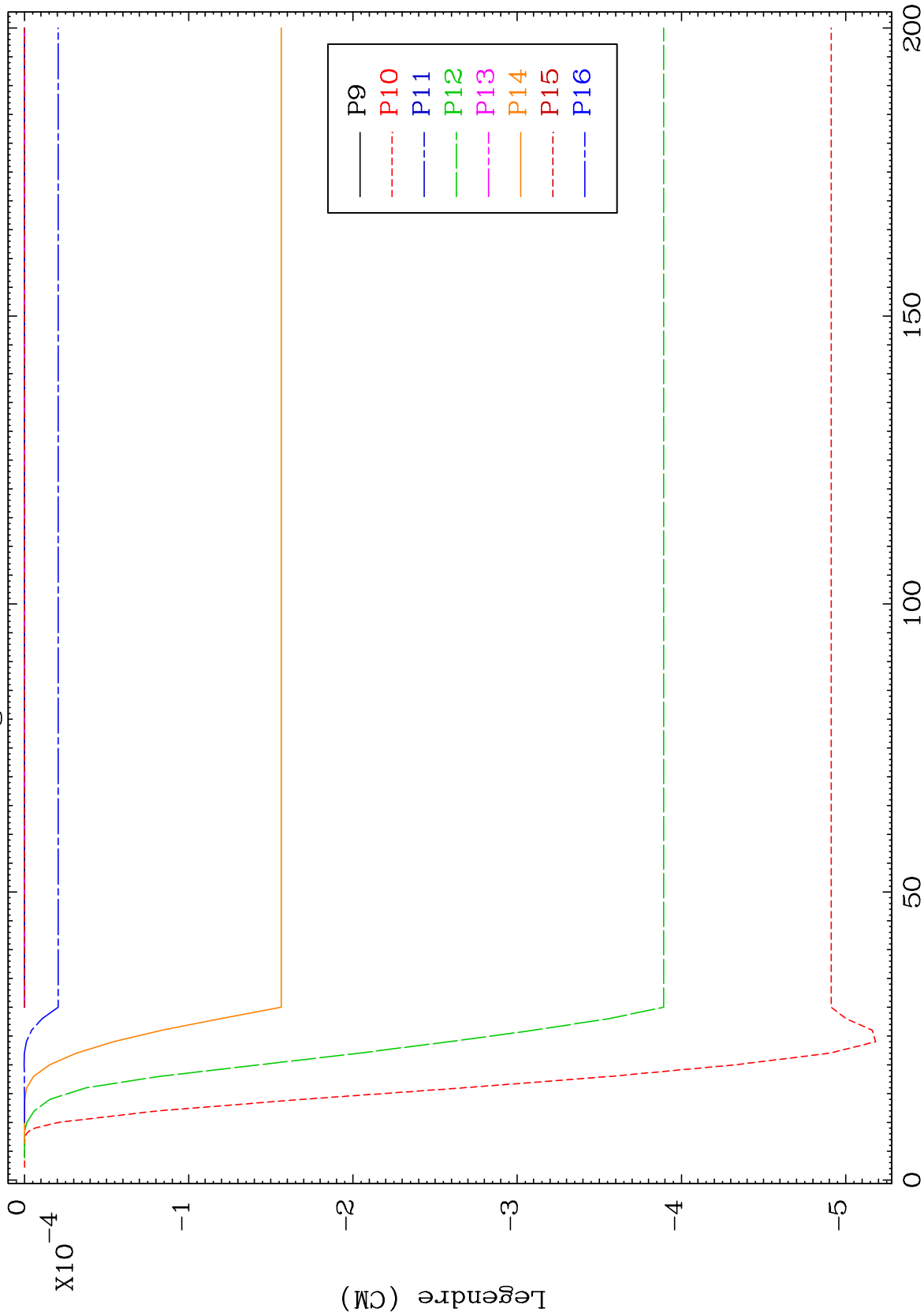
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



79

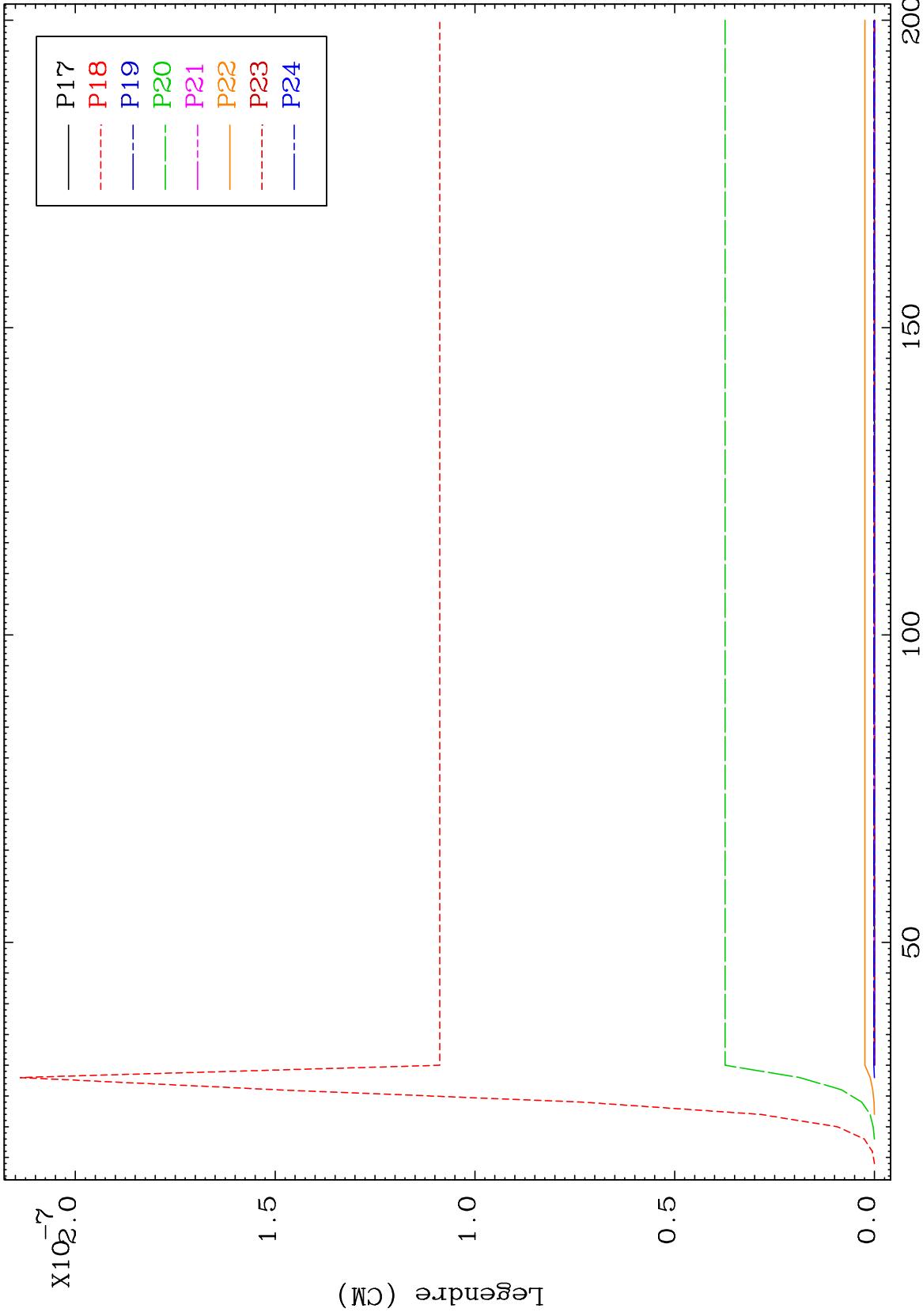
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



80

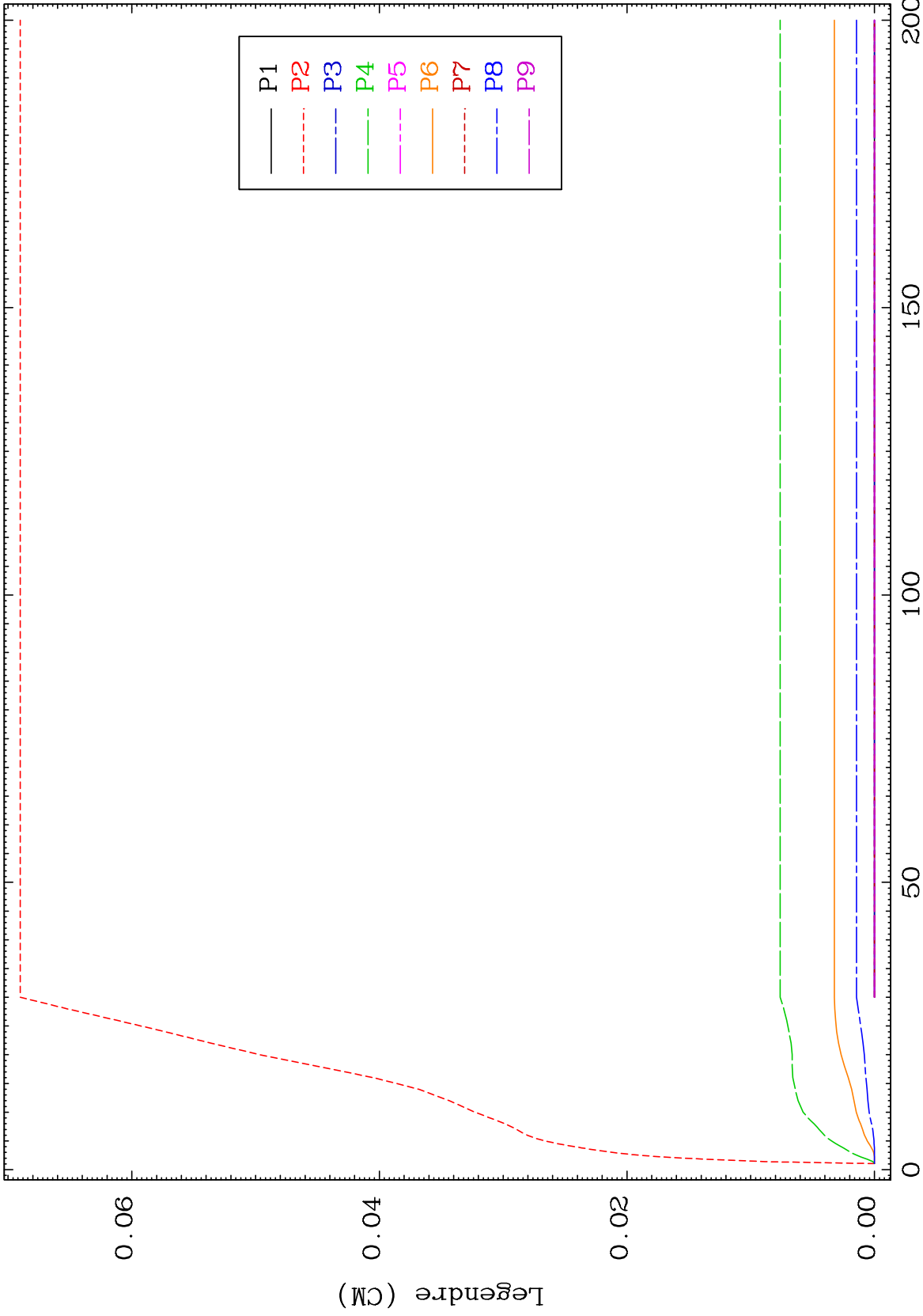
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



81

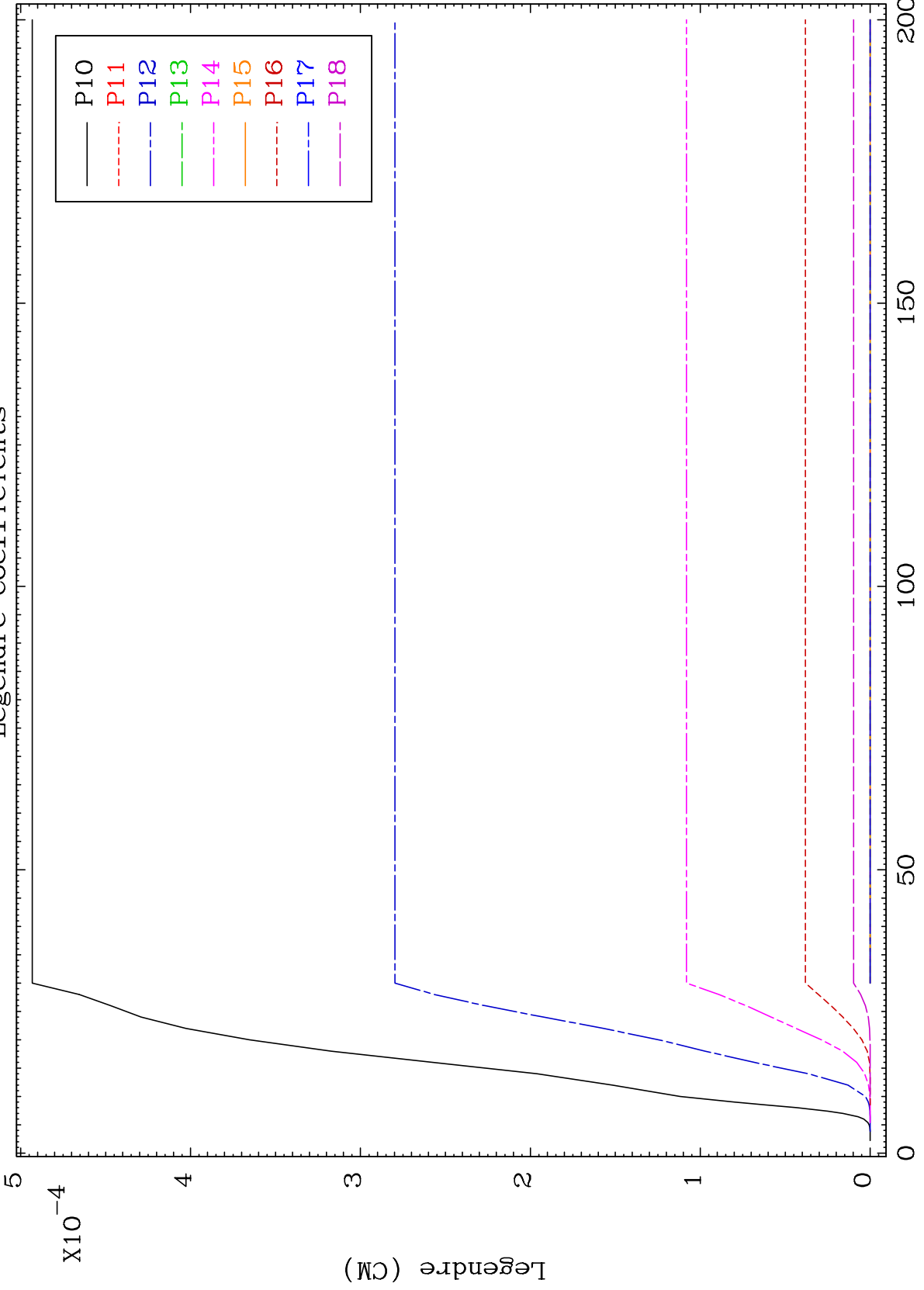
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



82

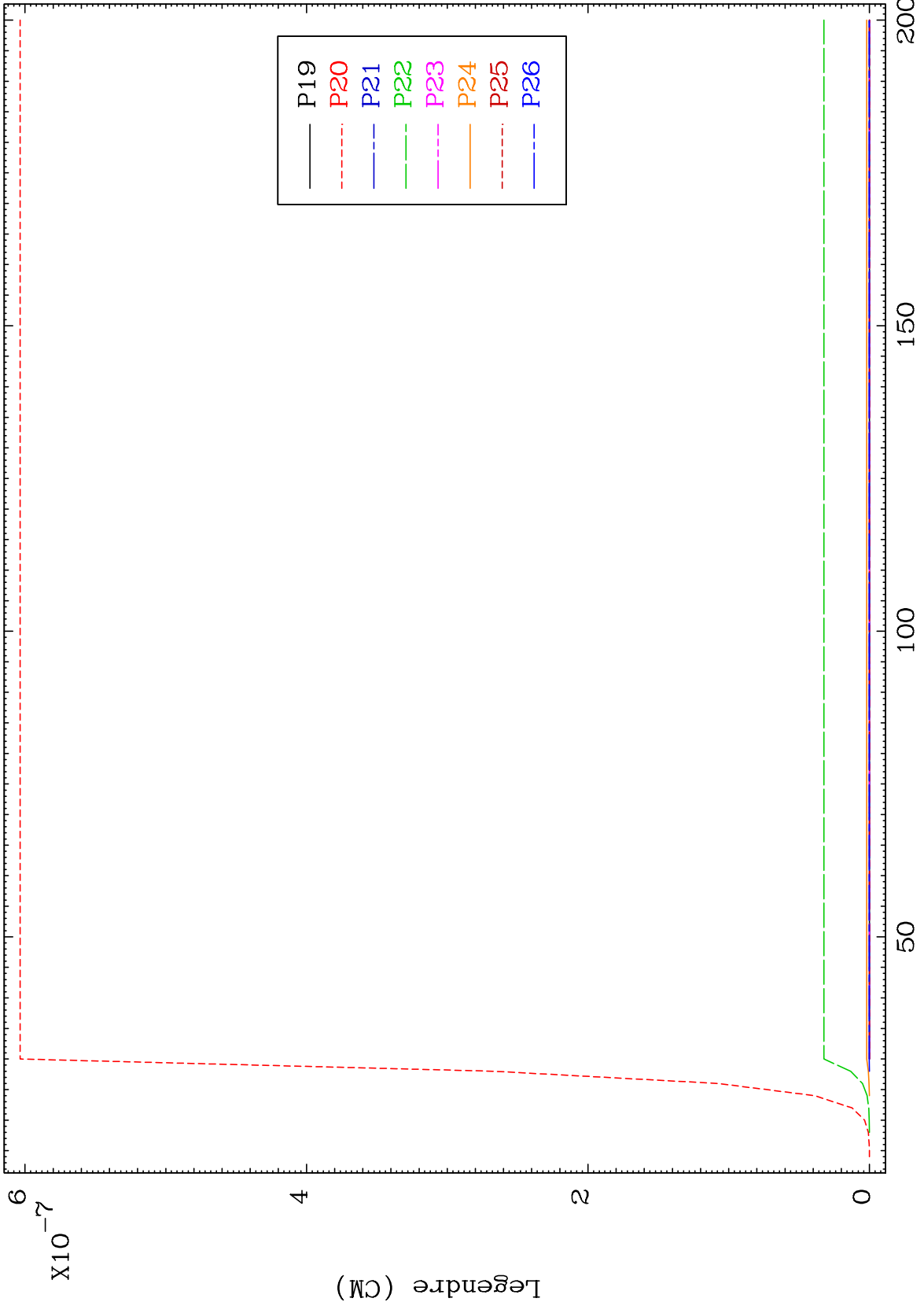
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



83

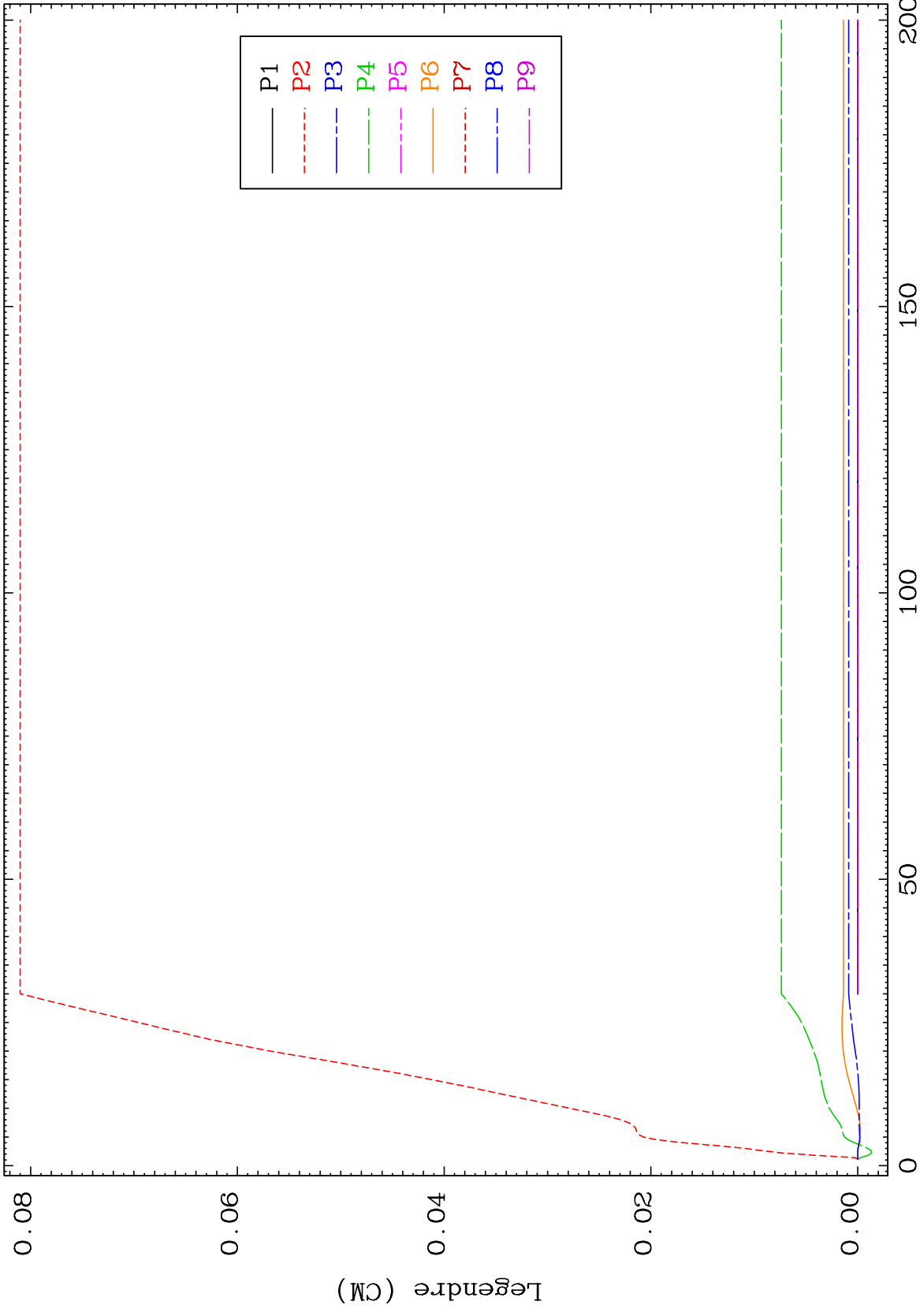
Incident Energy (MeV)

53-I -132

MAT 5340

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

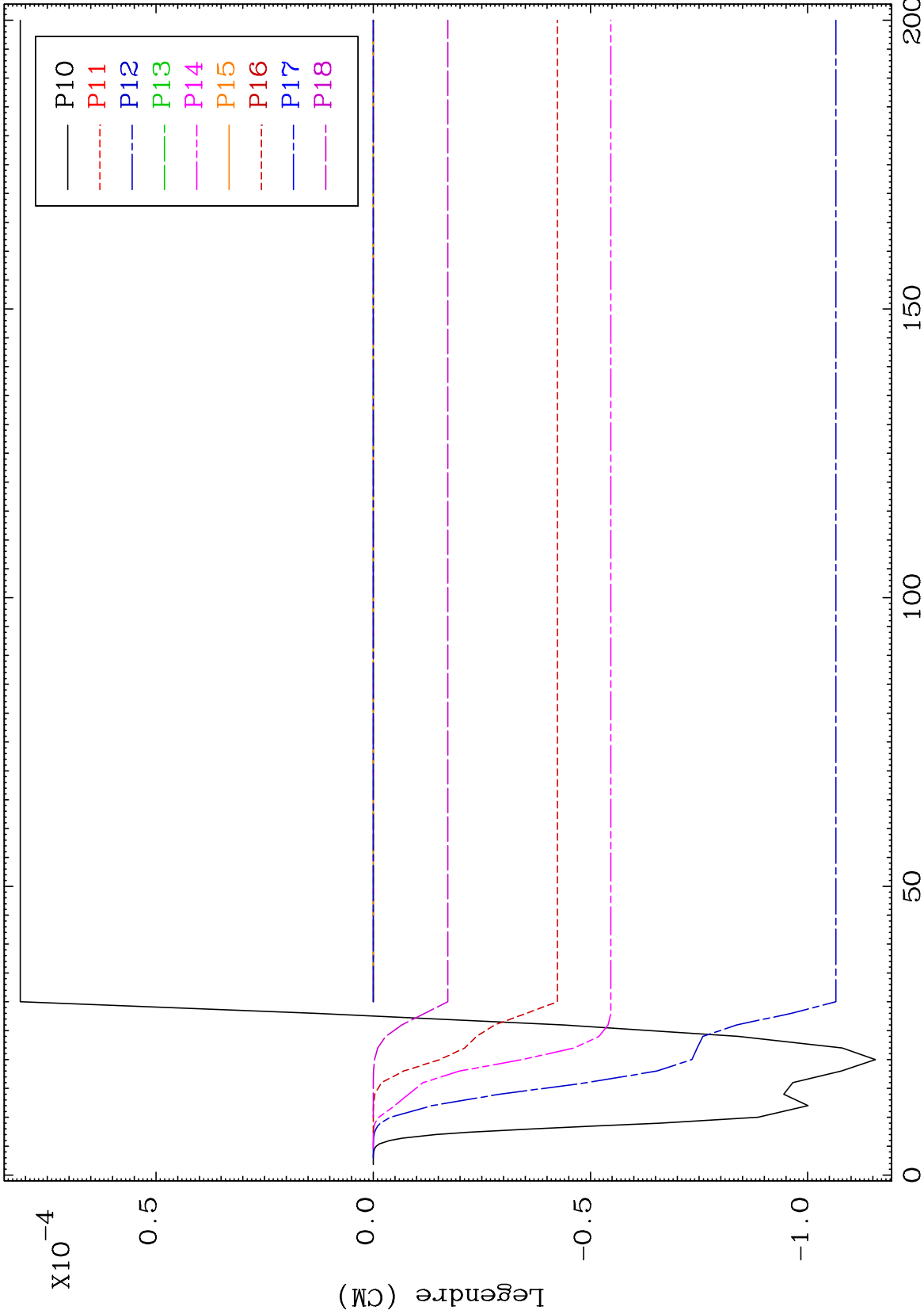
53-I -132



84

Incident Energy (MeV)

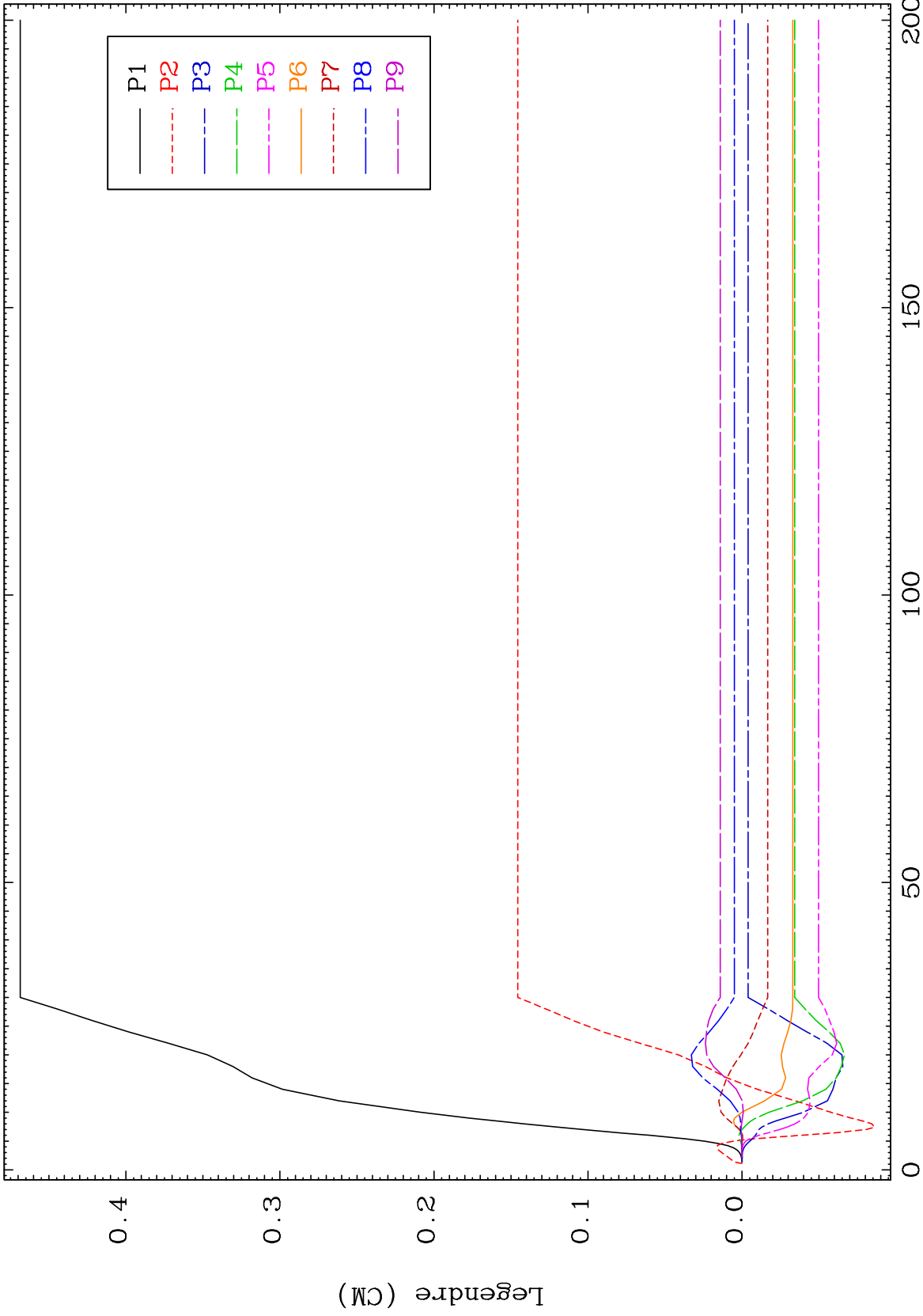
53-I -132



MAT 5340

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

53-I -132



87

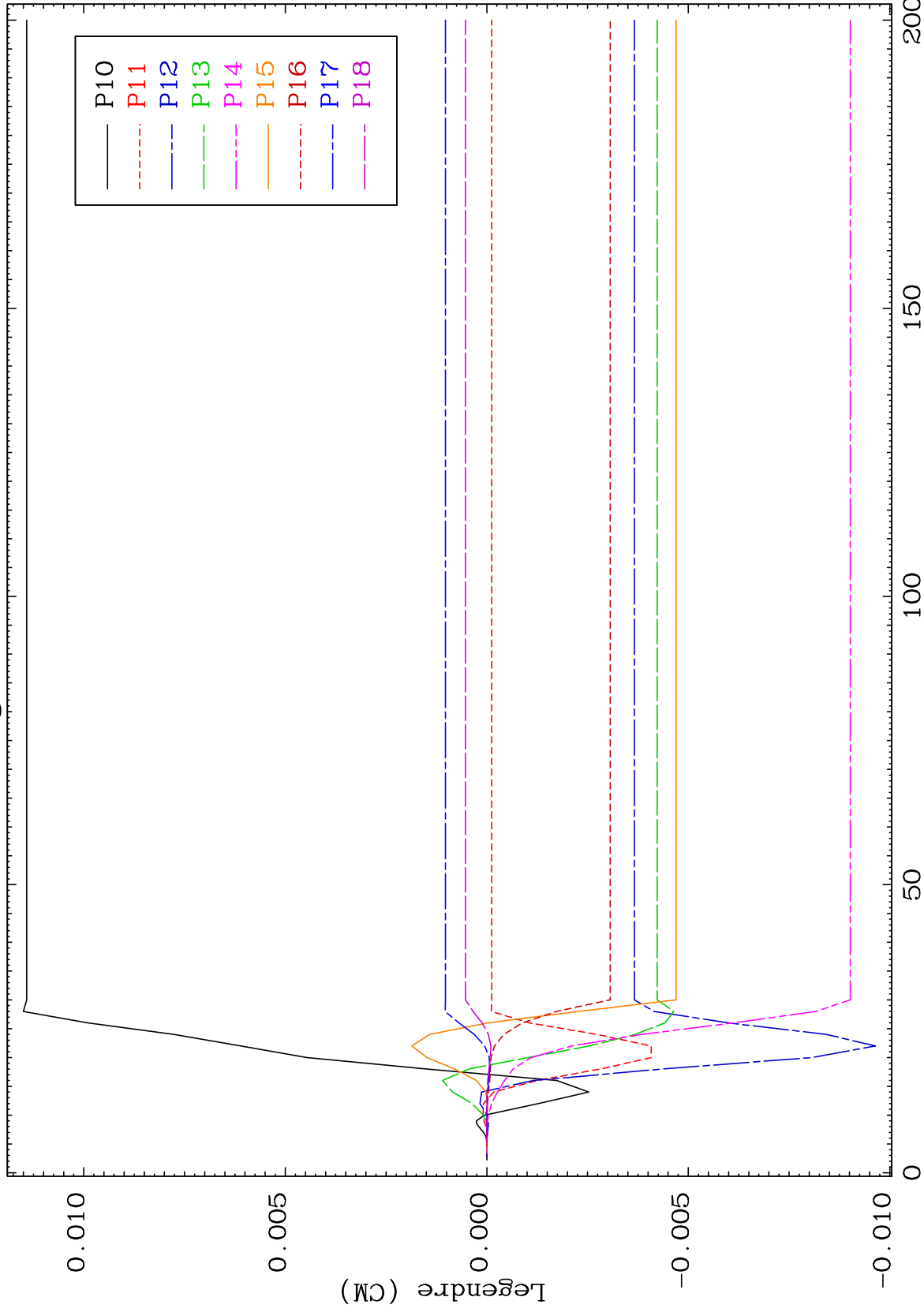
Incident Energy (MeV)

53-I -132

MAT 5340

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

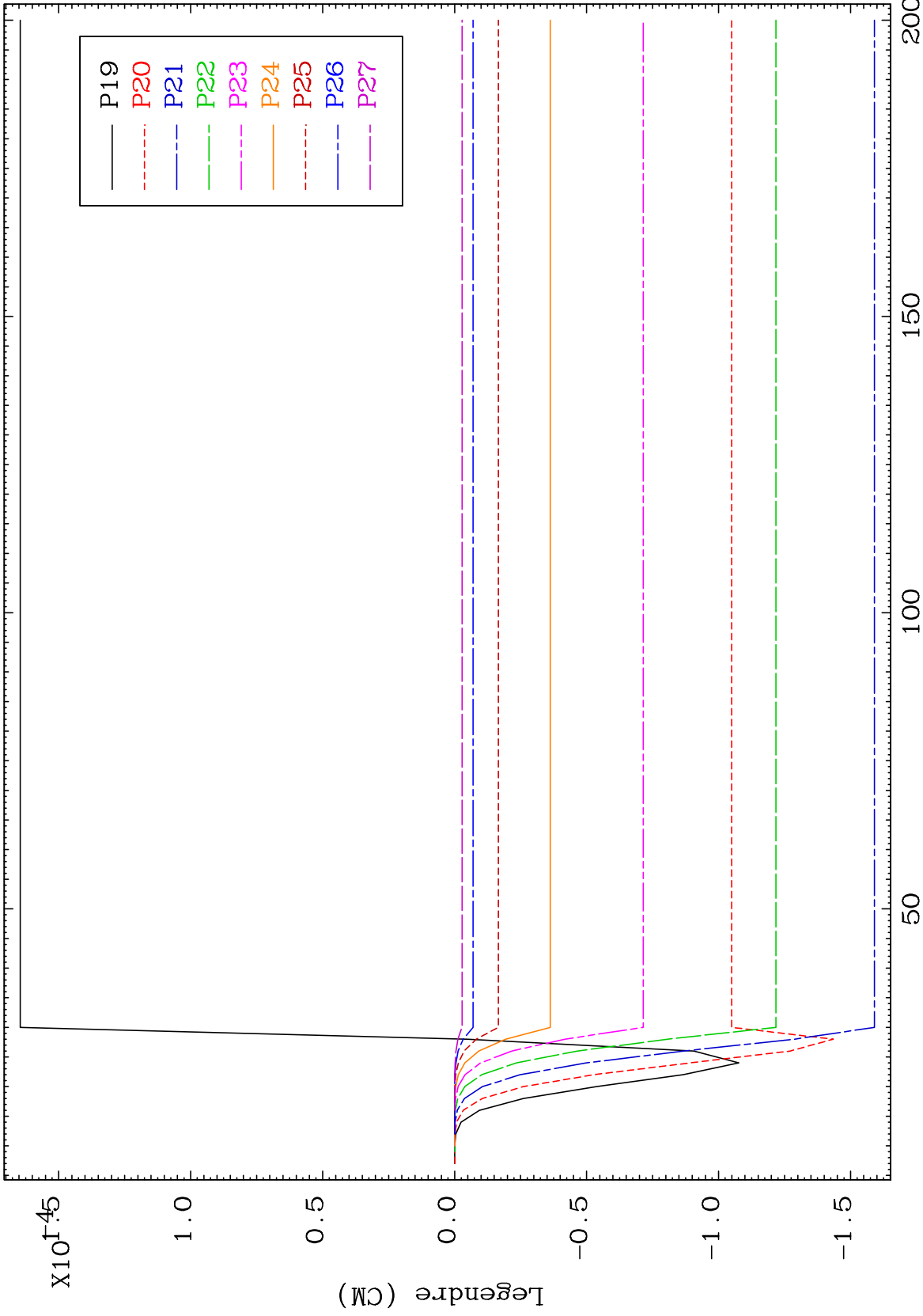
53-I -132



88

Incident Energy (MeV)

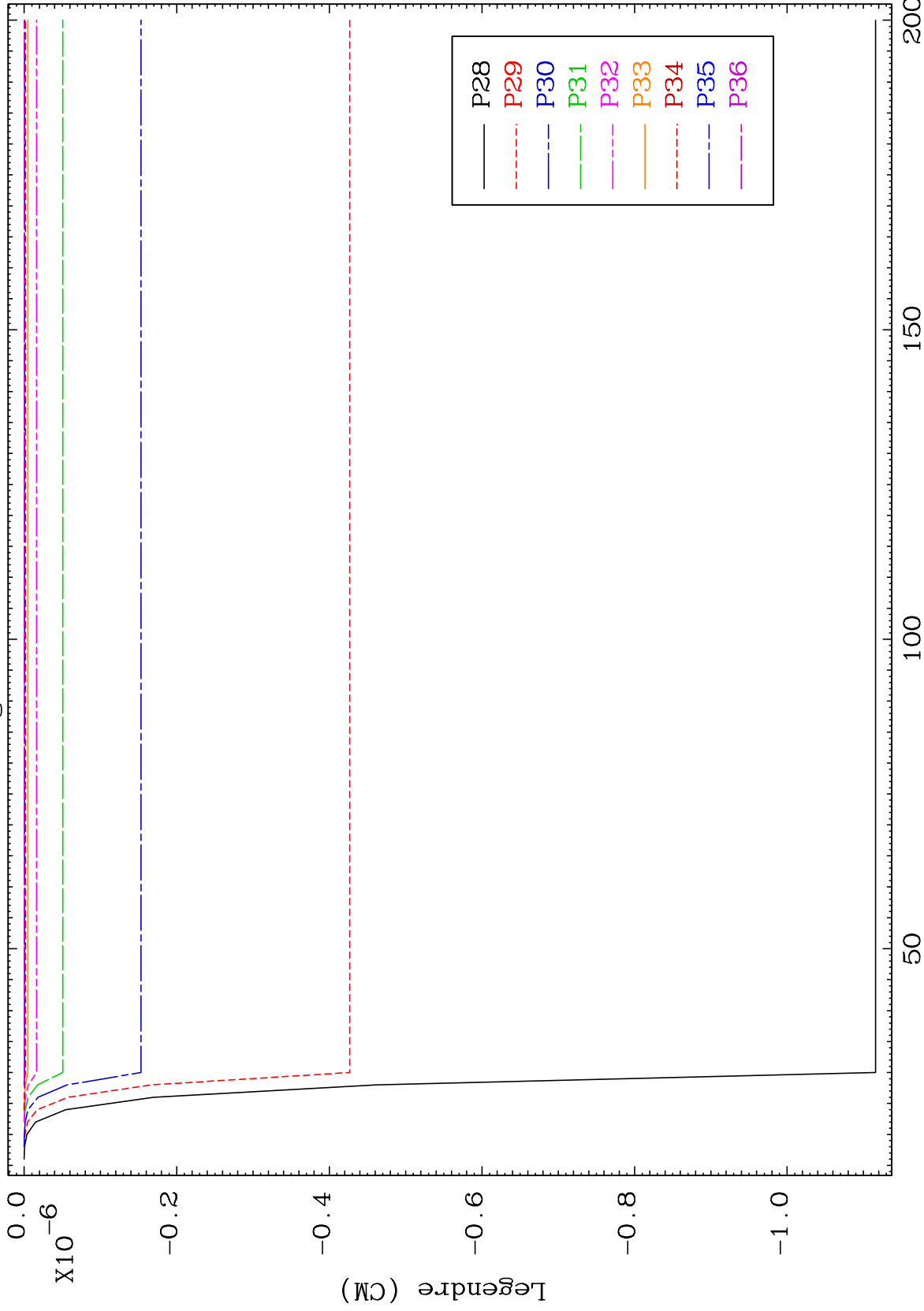
53-I -132



MAT 5340

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

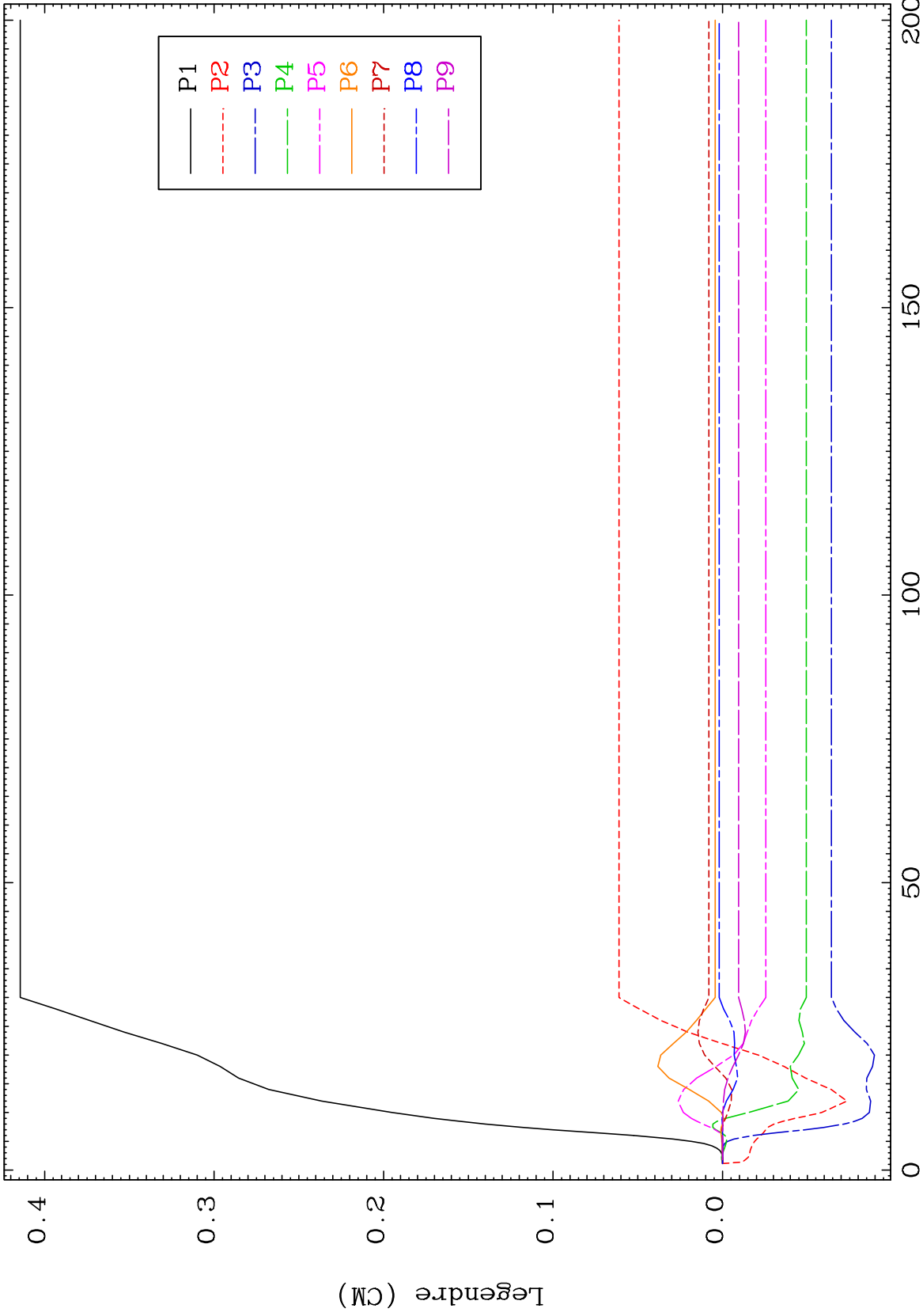
53-I -132



90

Incident Energy (MeV)

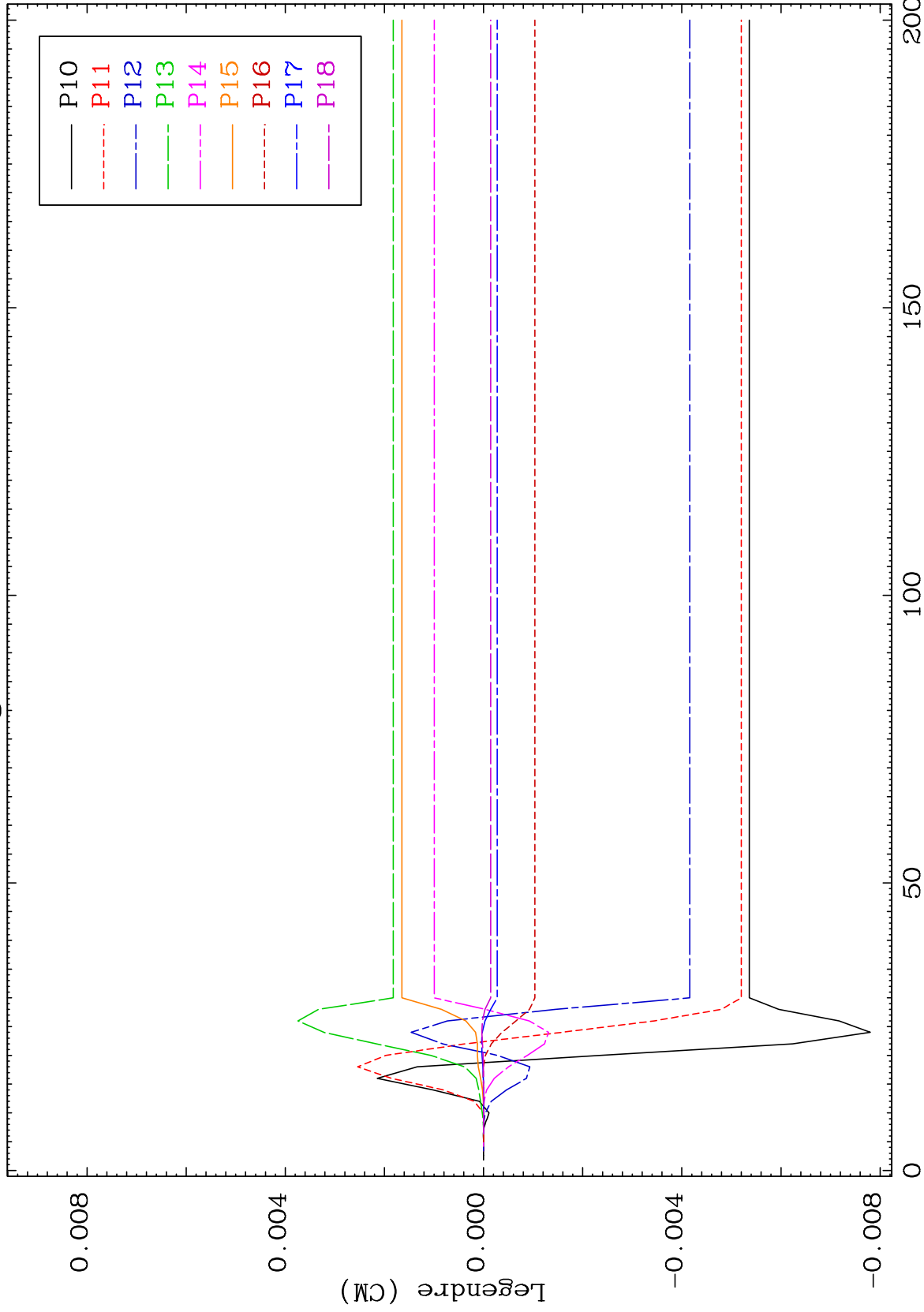
53-I -132



MAT 5340

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

53-I -132



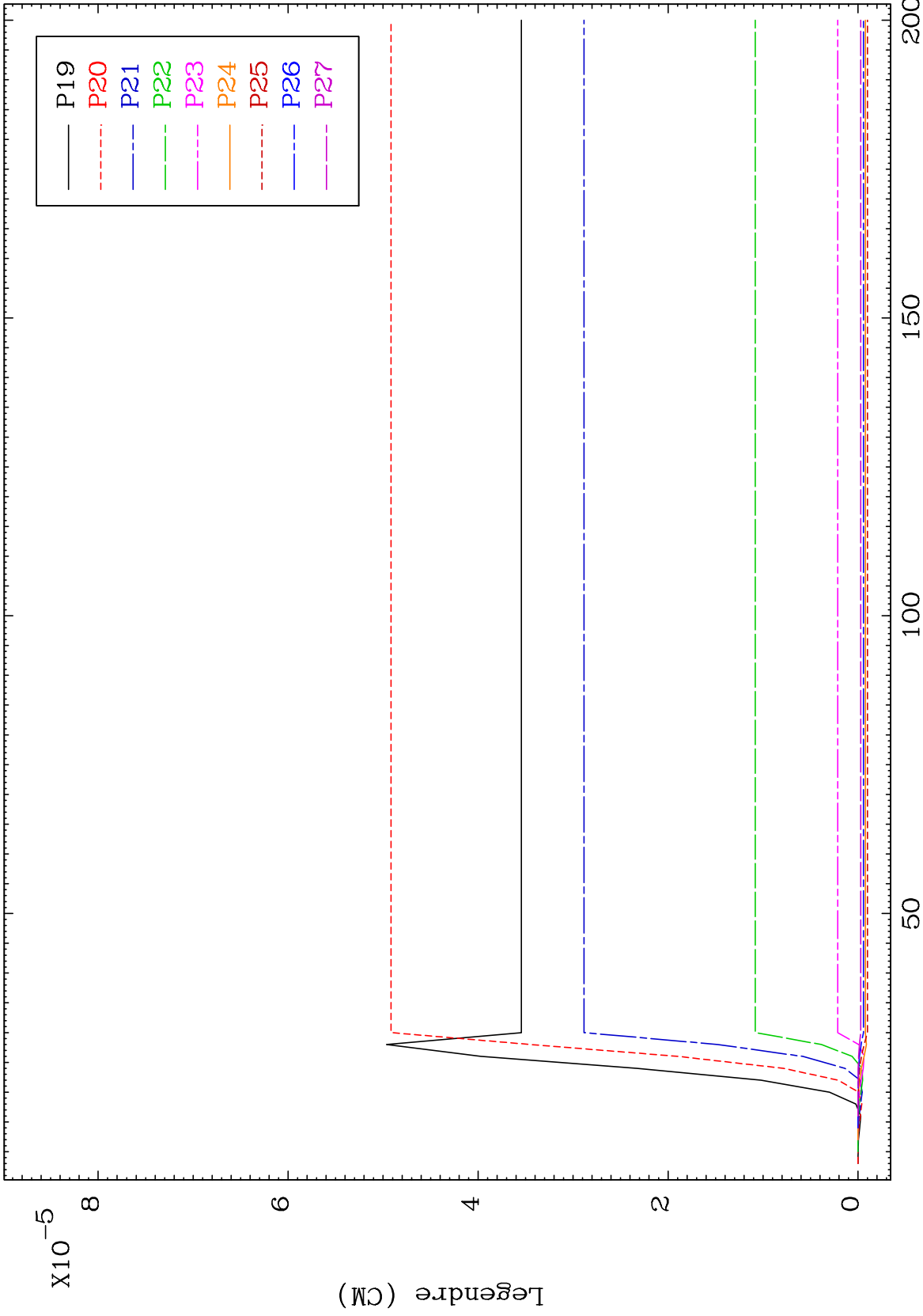
92

53-I -132

MAT 5340

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

53-I -132



93

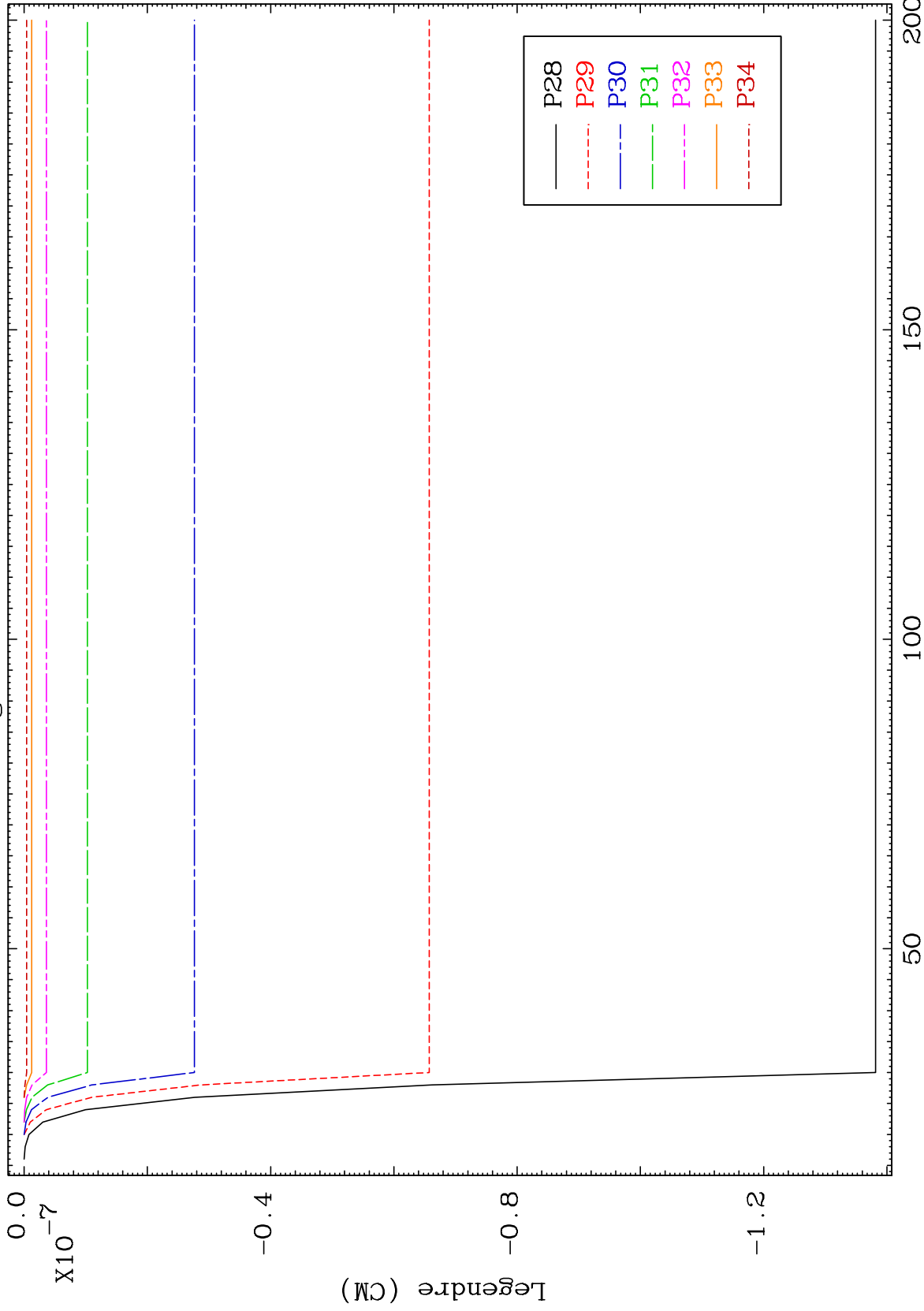
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



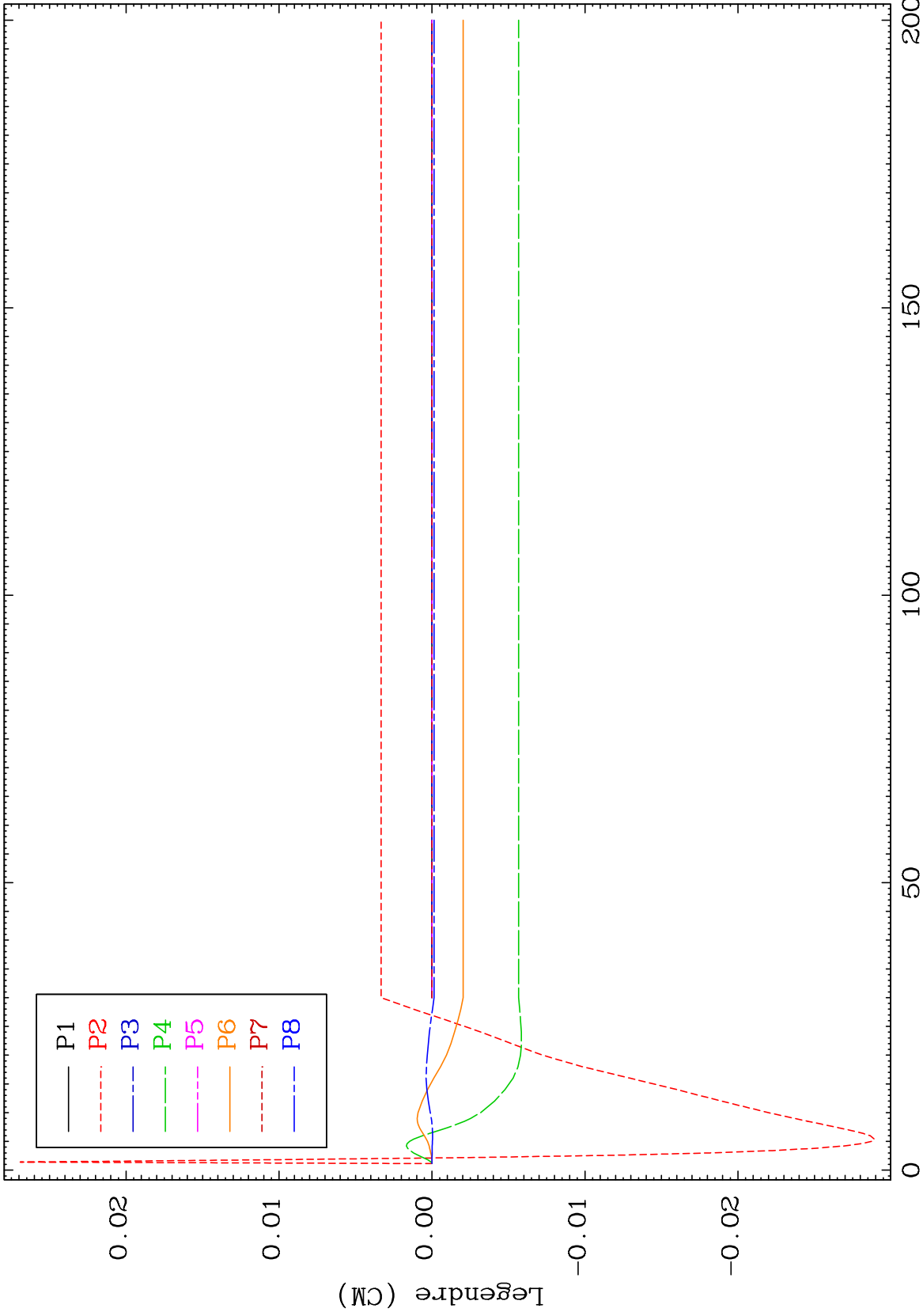
94

53-I -132

MAT 5340

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

53-I -132



95

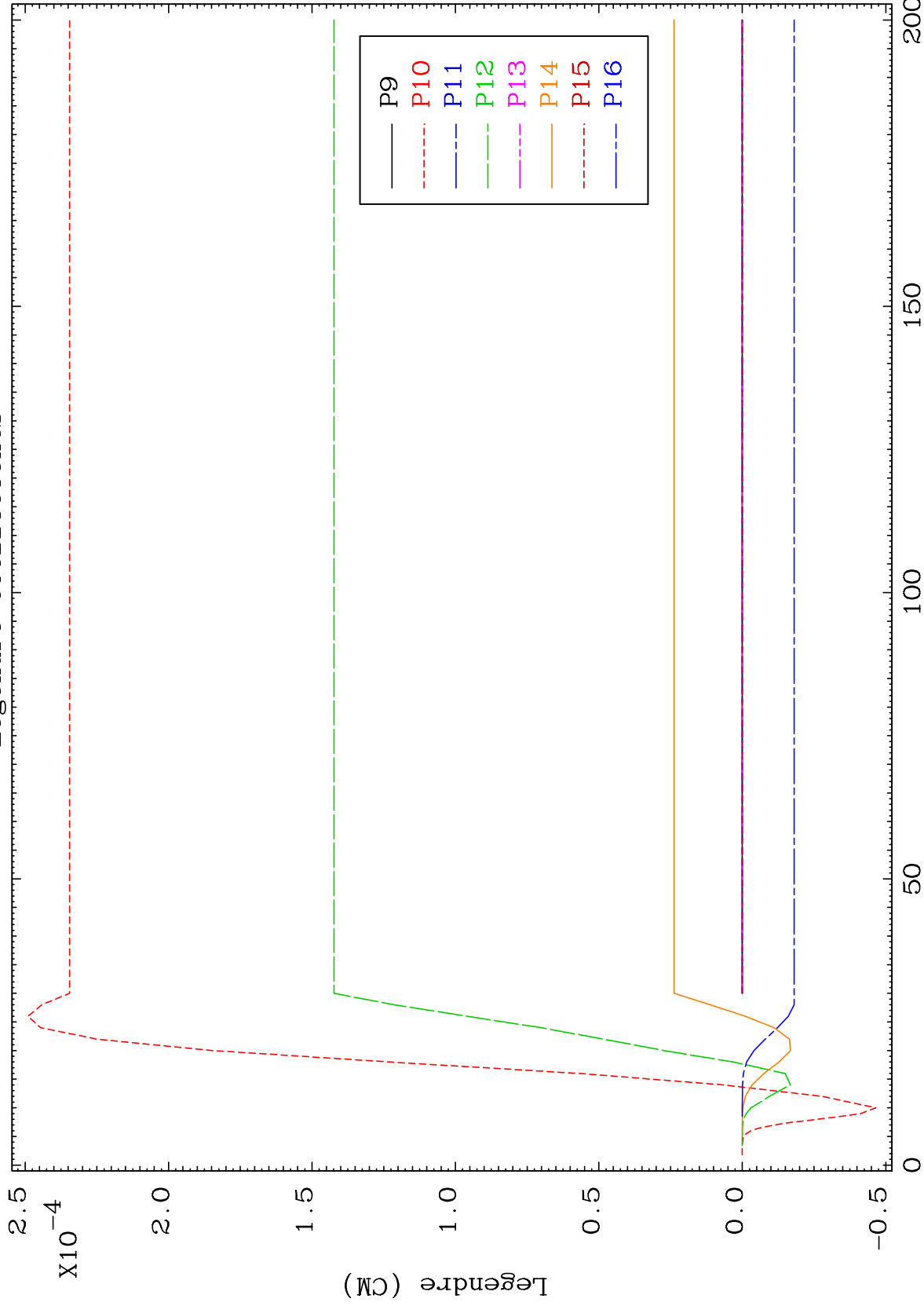
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



96

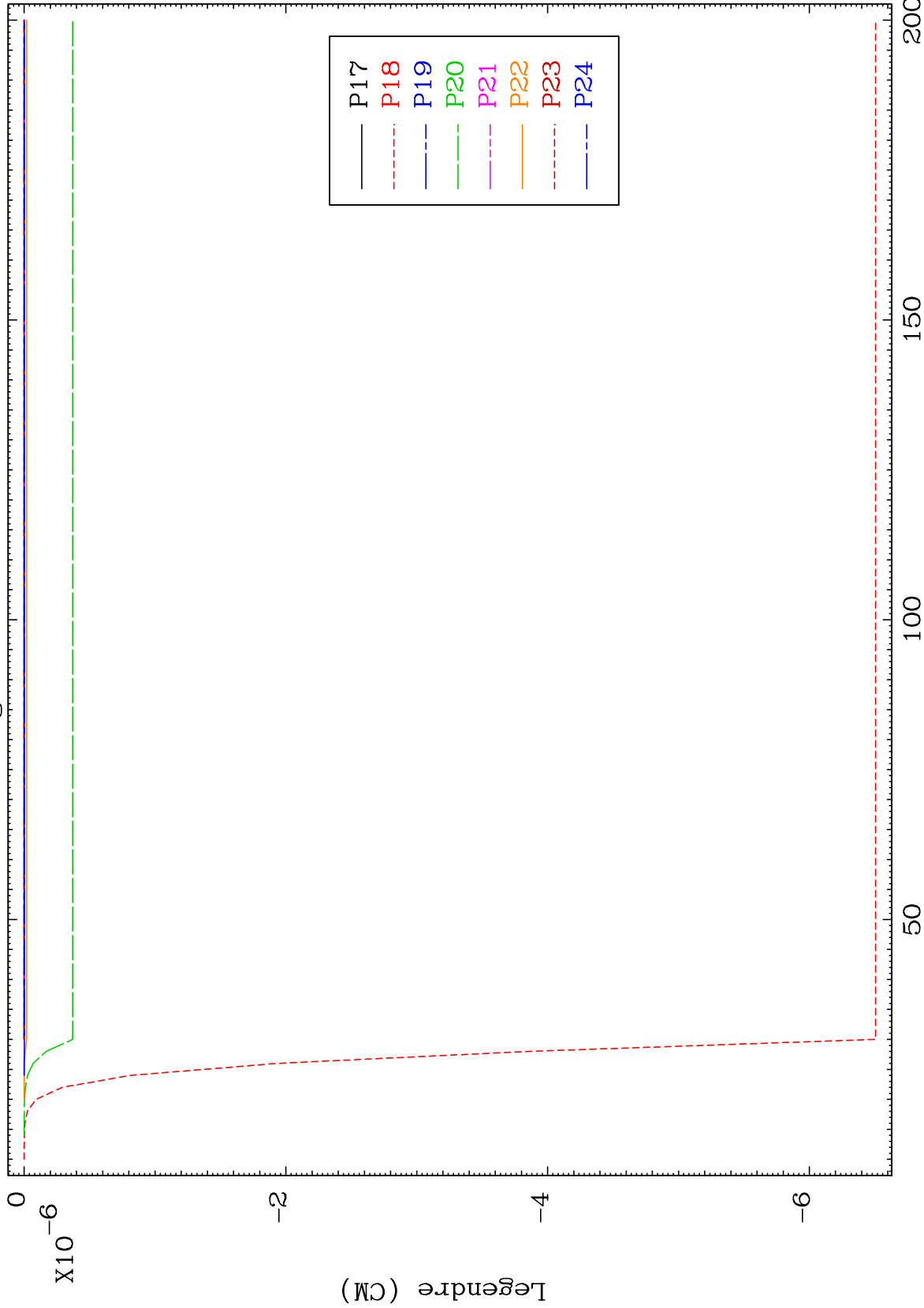
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



97

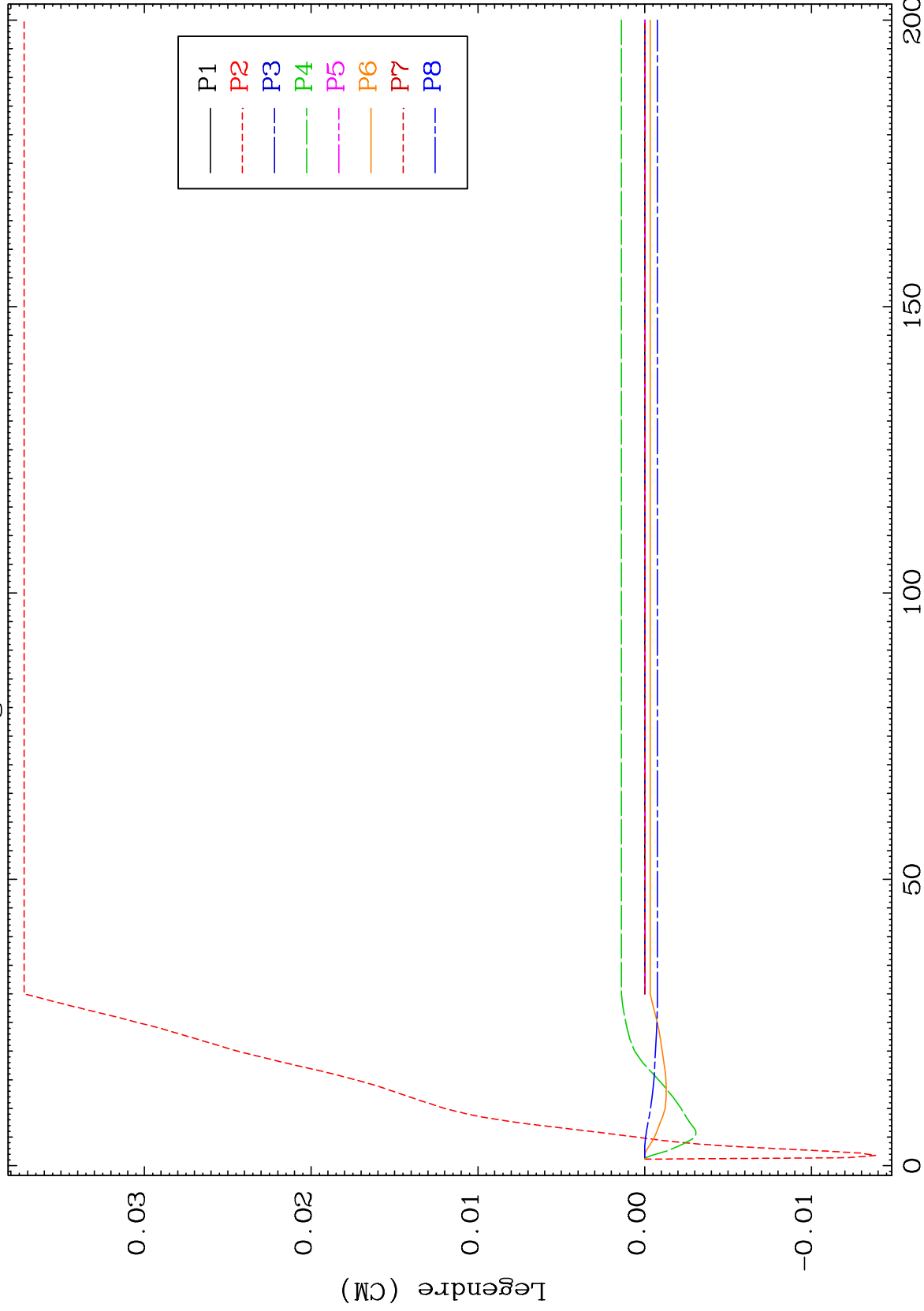
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



98

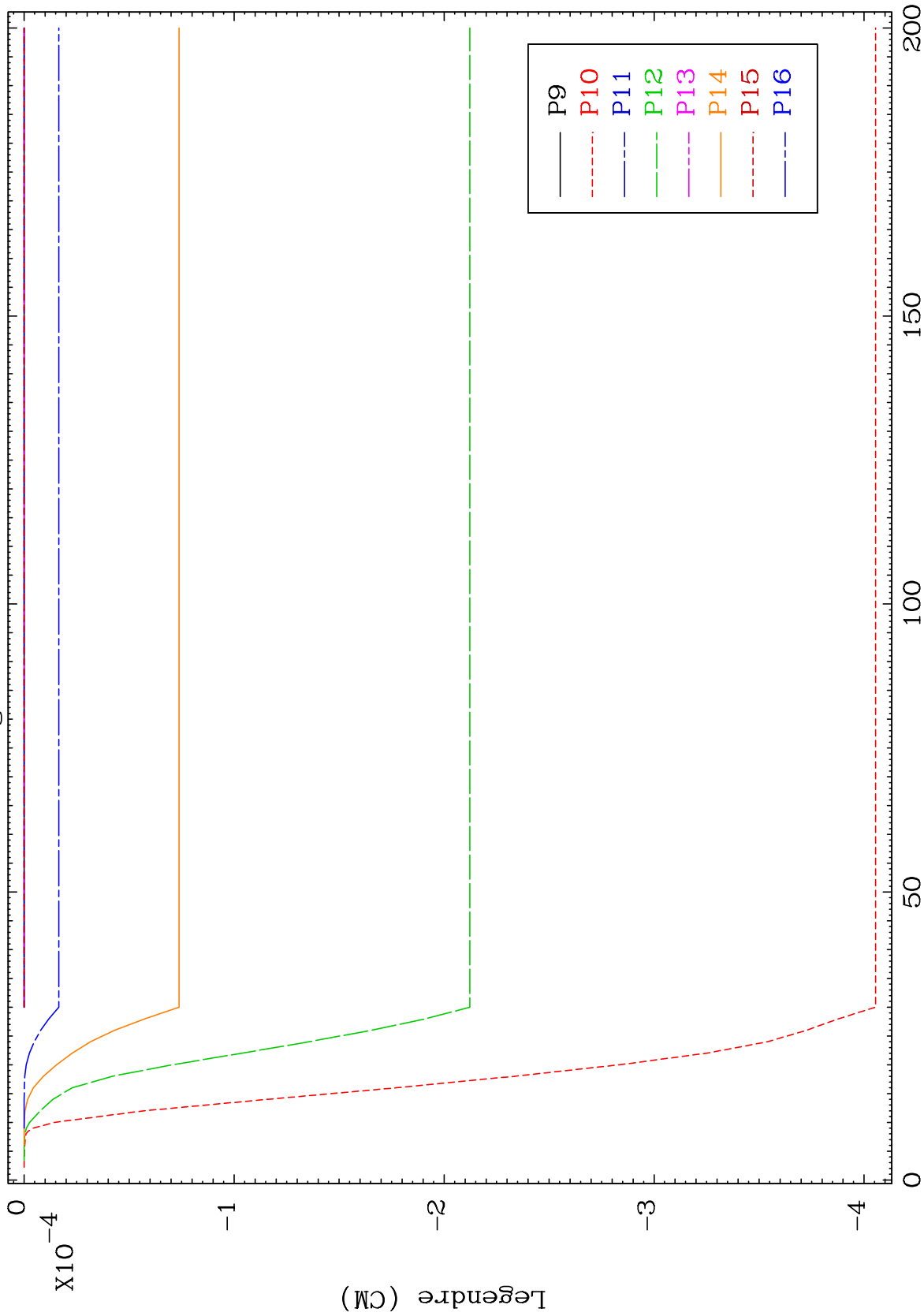
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



99

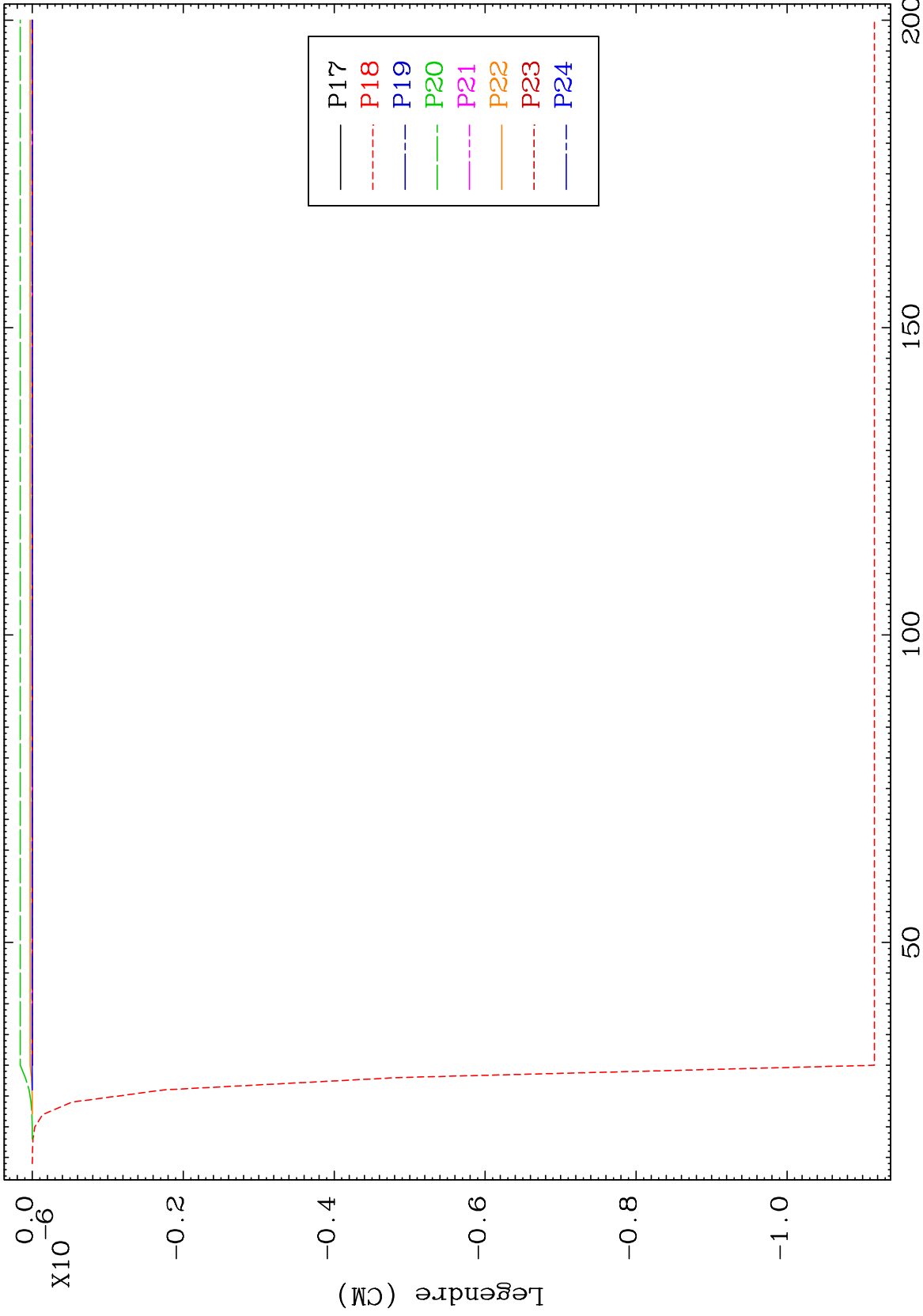
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



100

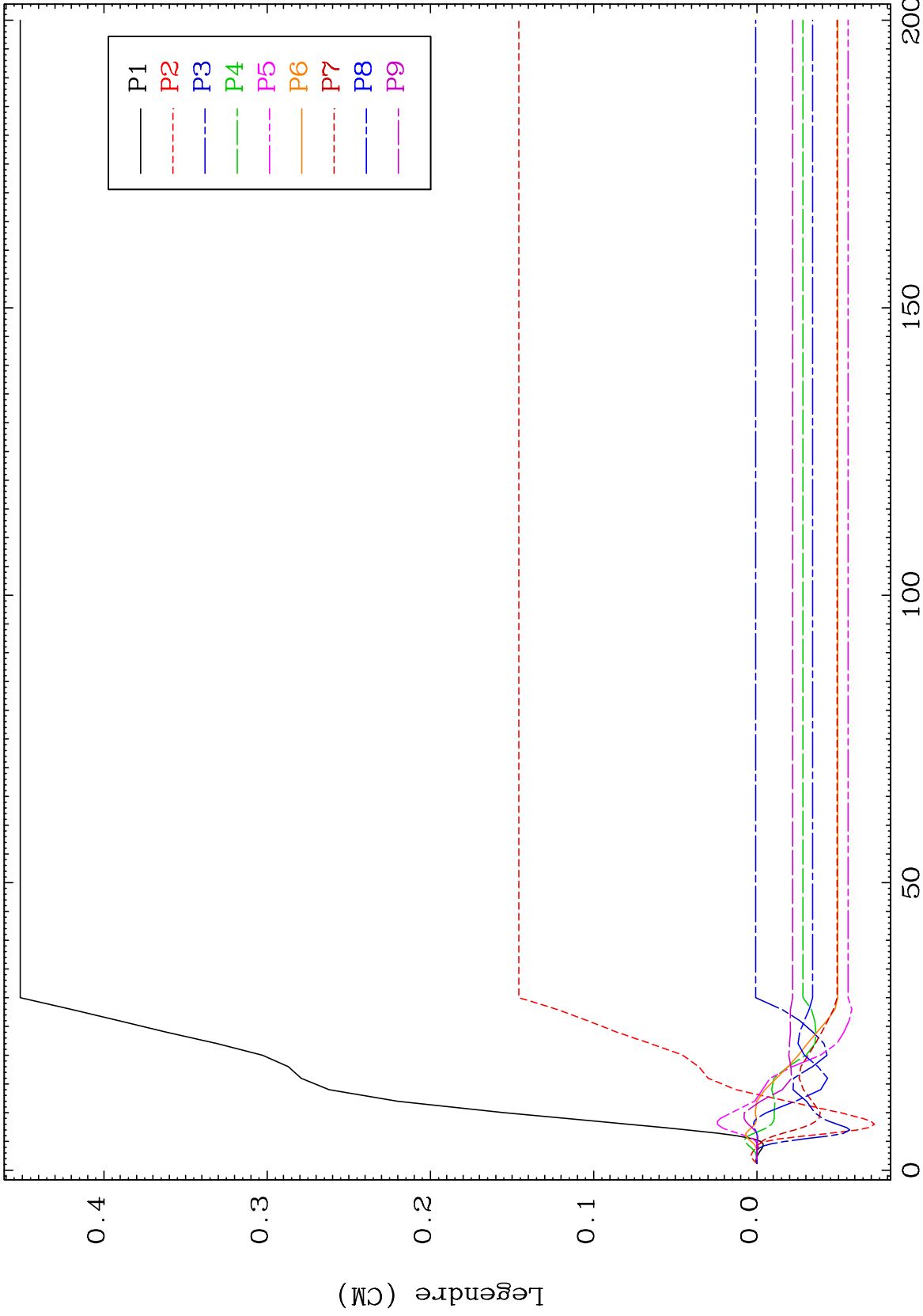
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



101

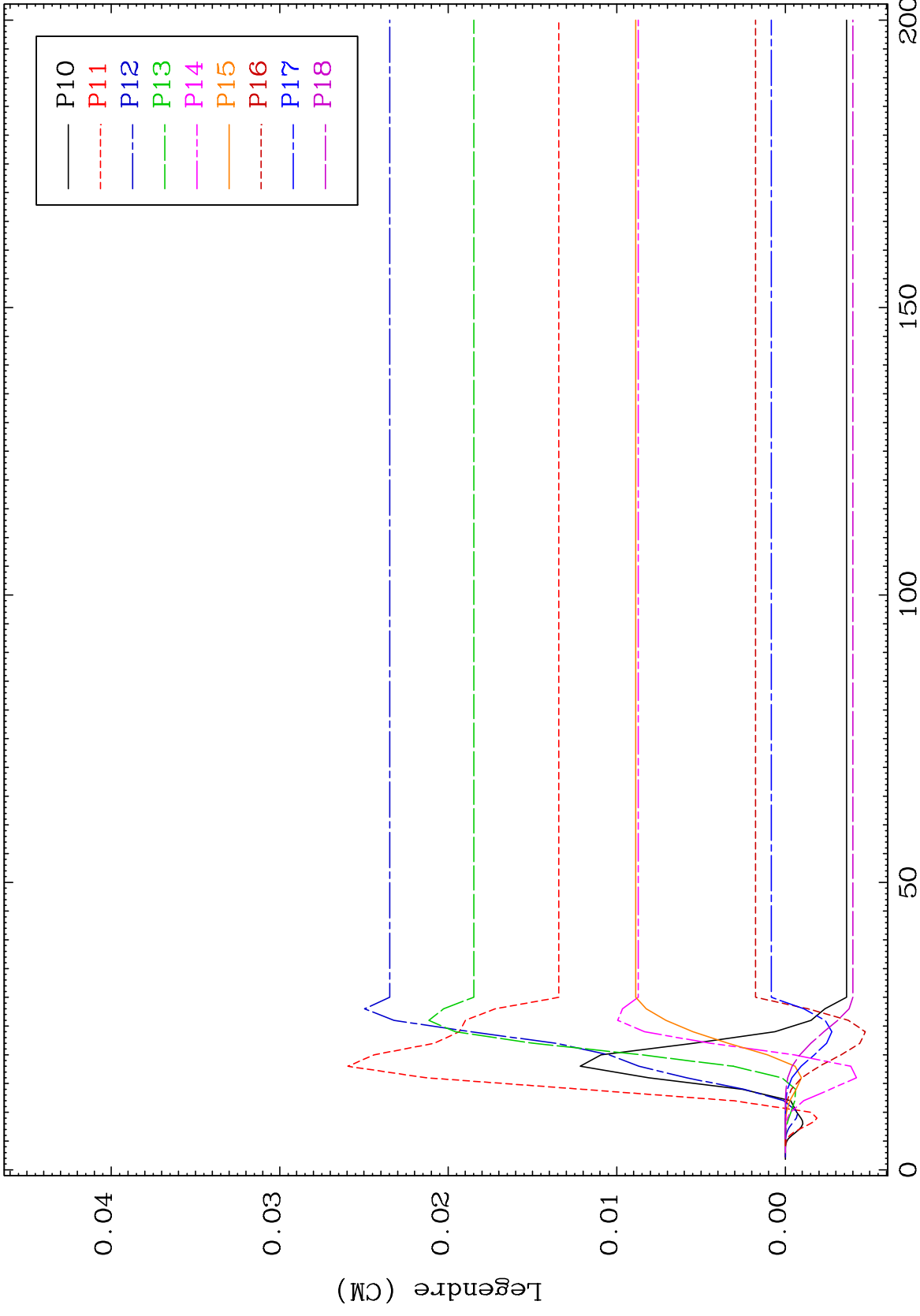
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



102

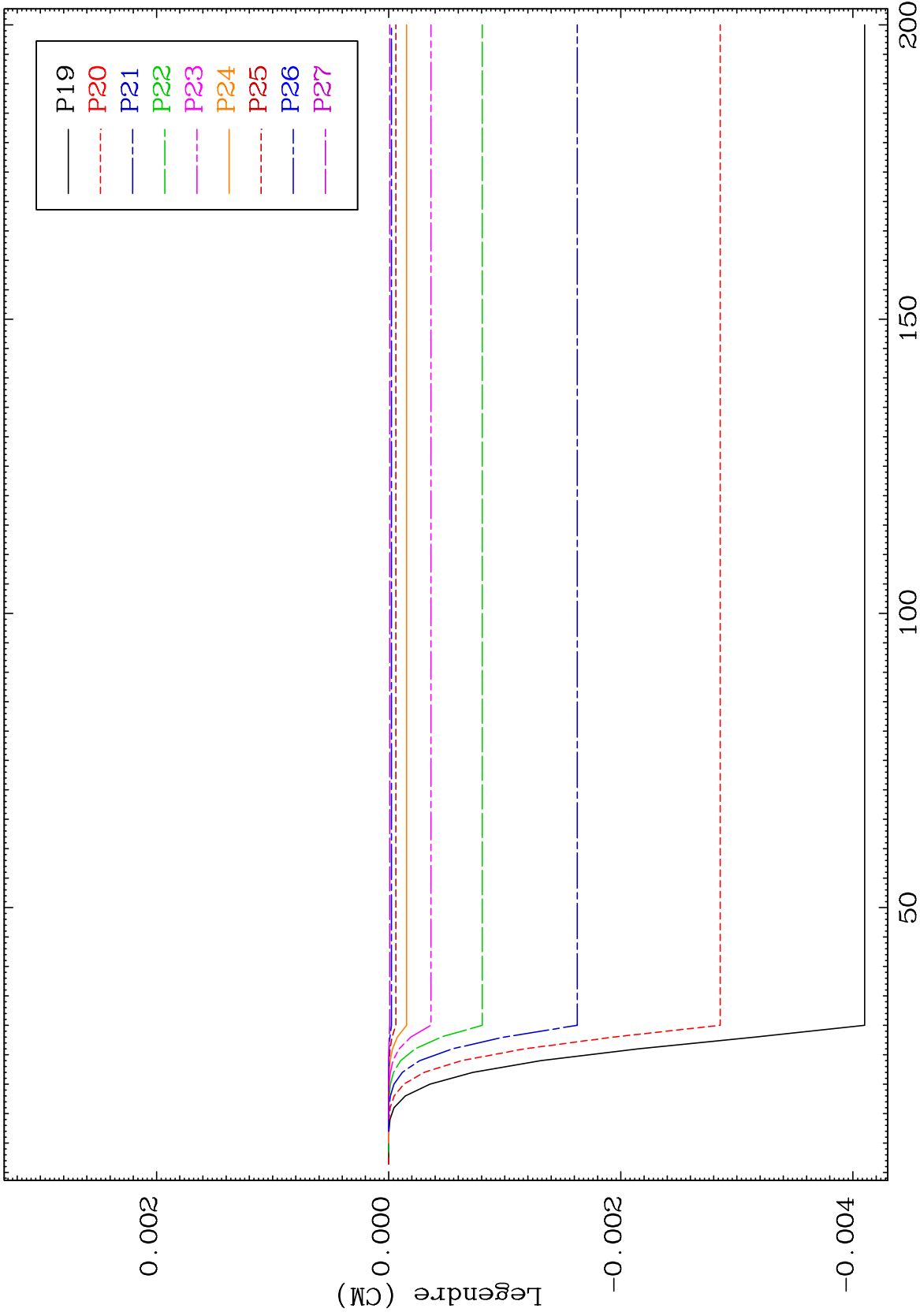
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132

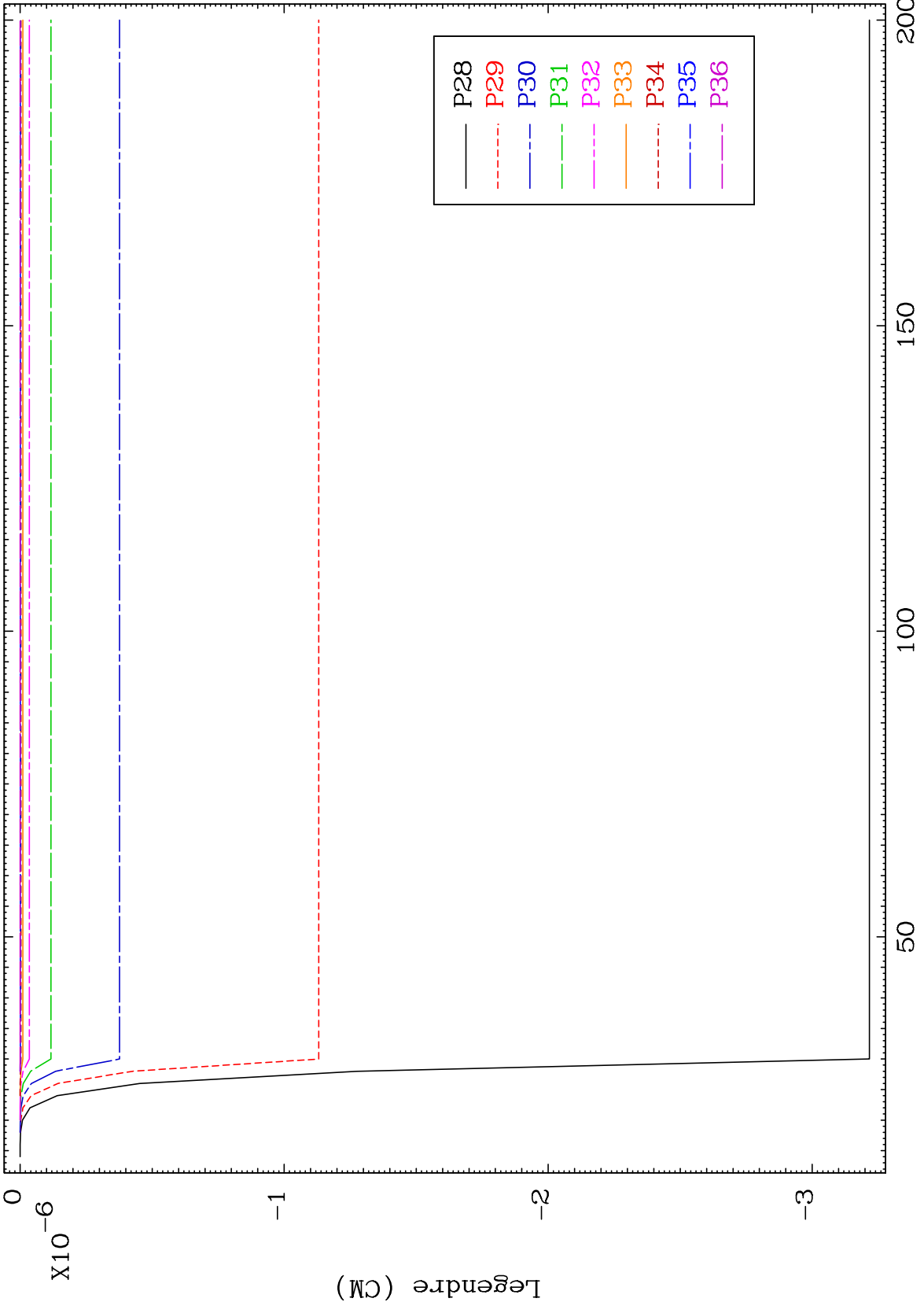


103

Incident Energy (MeV)

53-I -132

MAT 5340 MT= 75 (n,n') Level Legendre Coefficients 53-I -132

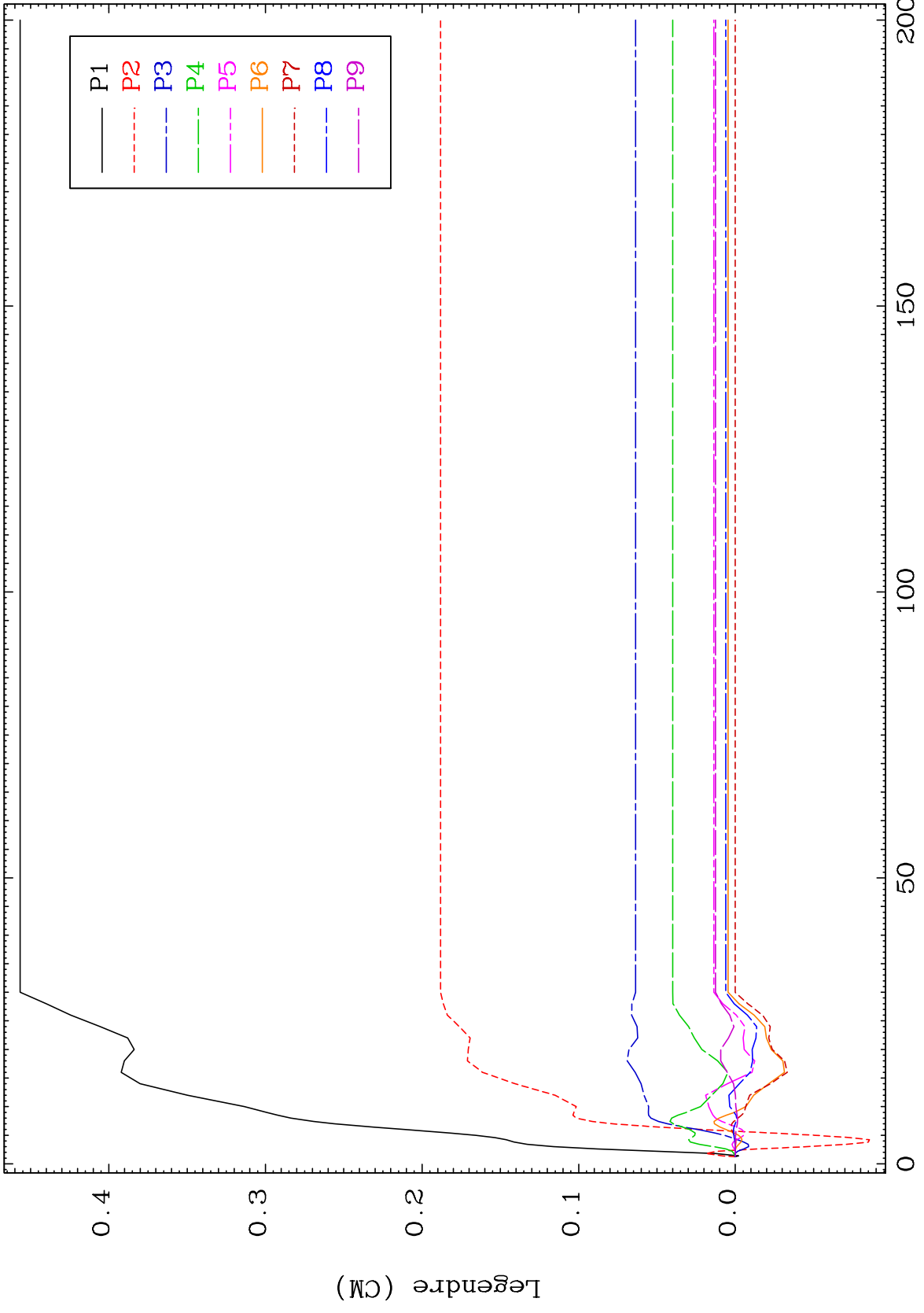


104 53-I -132

MAT 5340

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

53-I -132



53-I -132

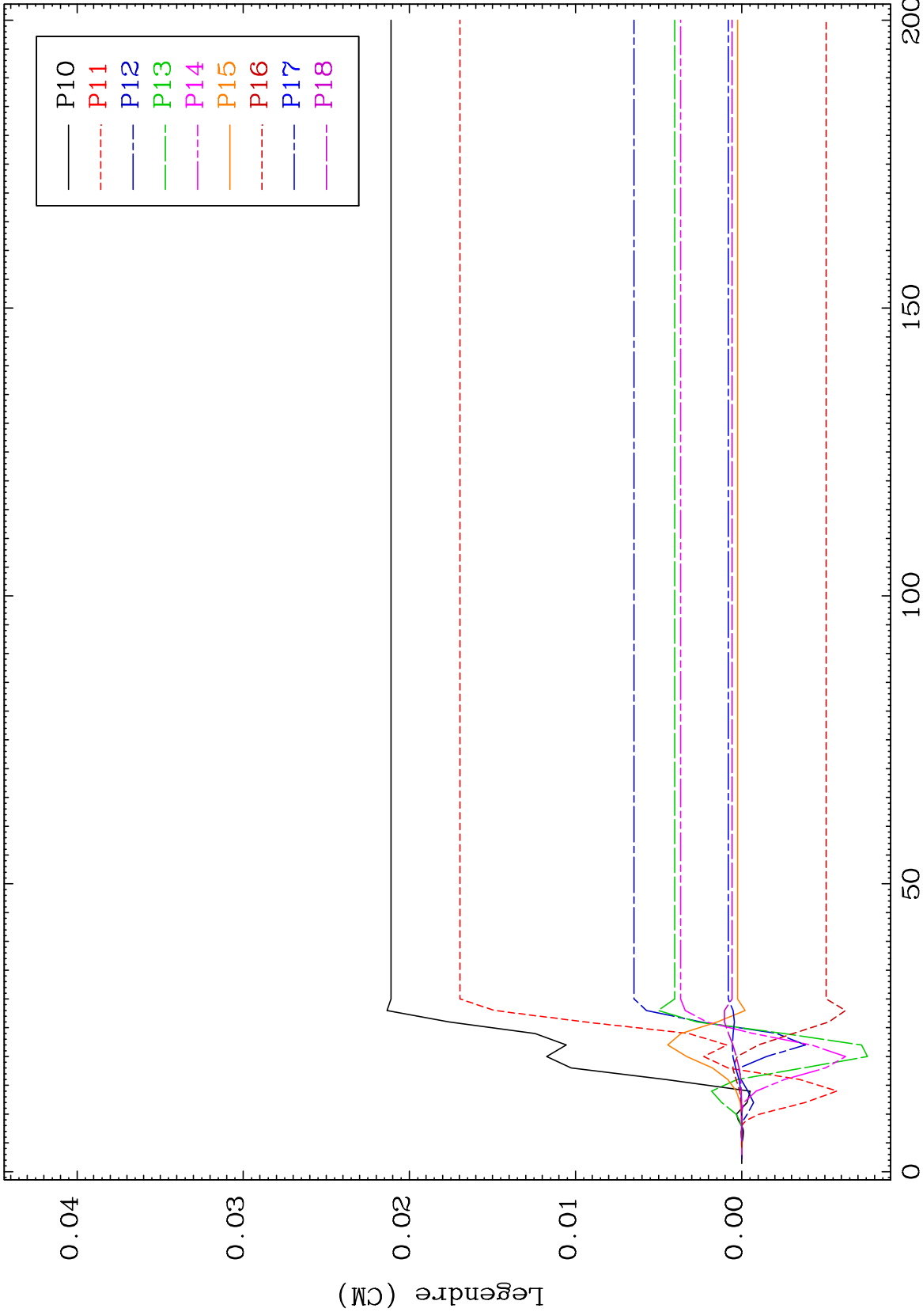
Incident Energy (MeV)

105

MAT 5340

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

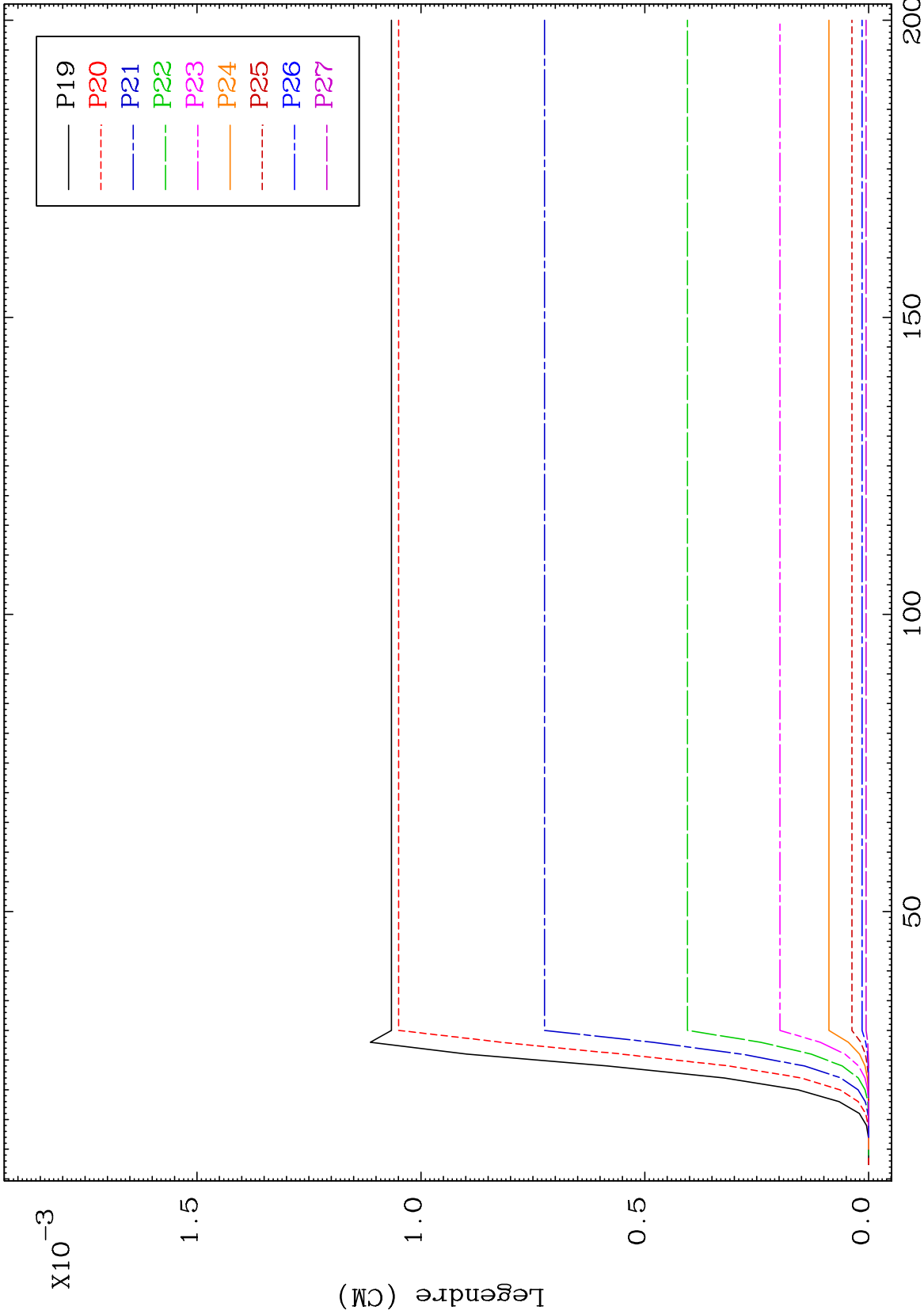
53-I -132



106

Incident Energy (MeV)

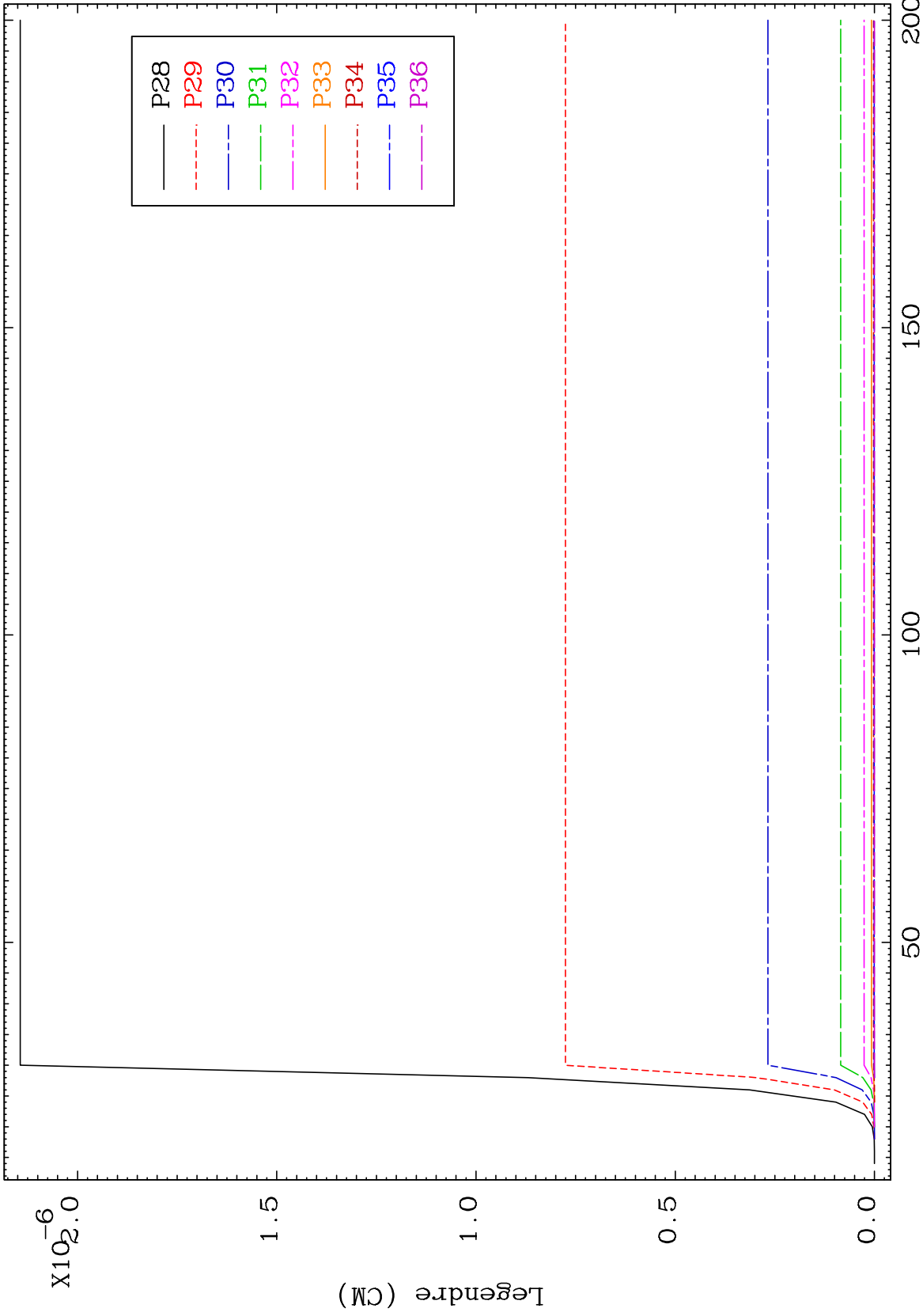
53-I -132



MAT 5340

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

53-I -132



108

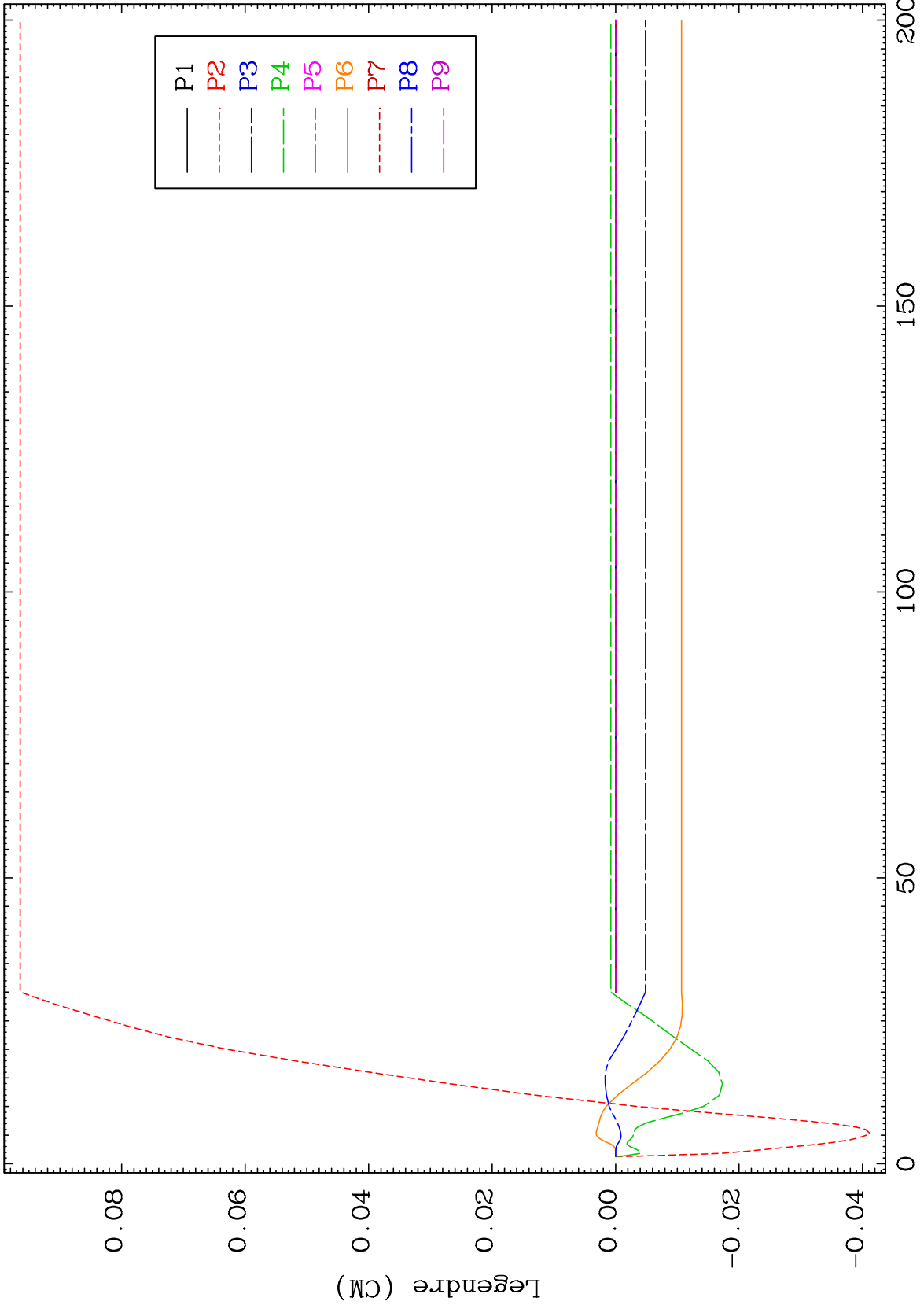
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



109

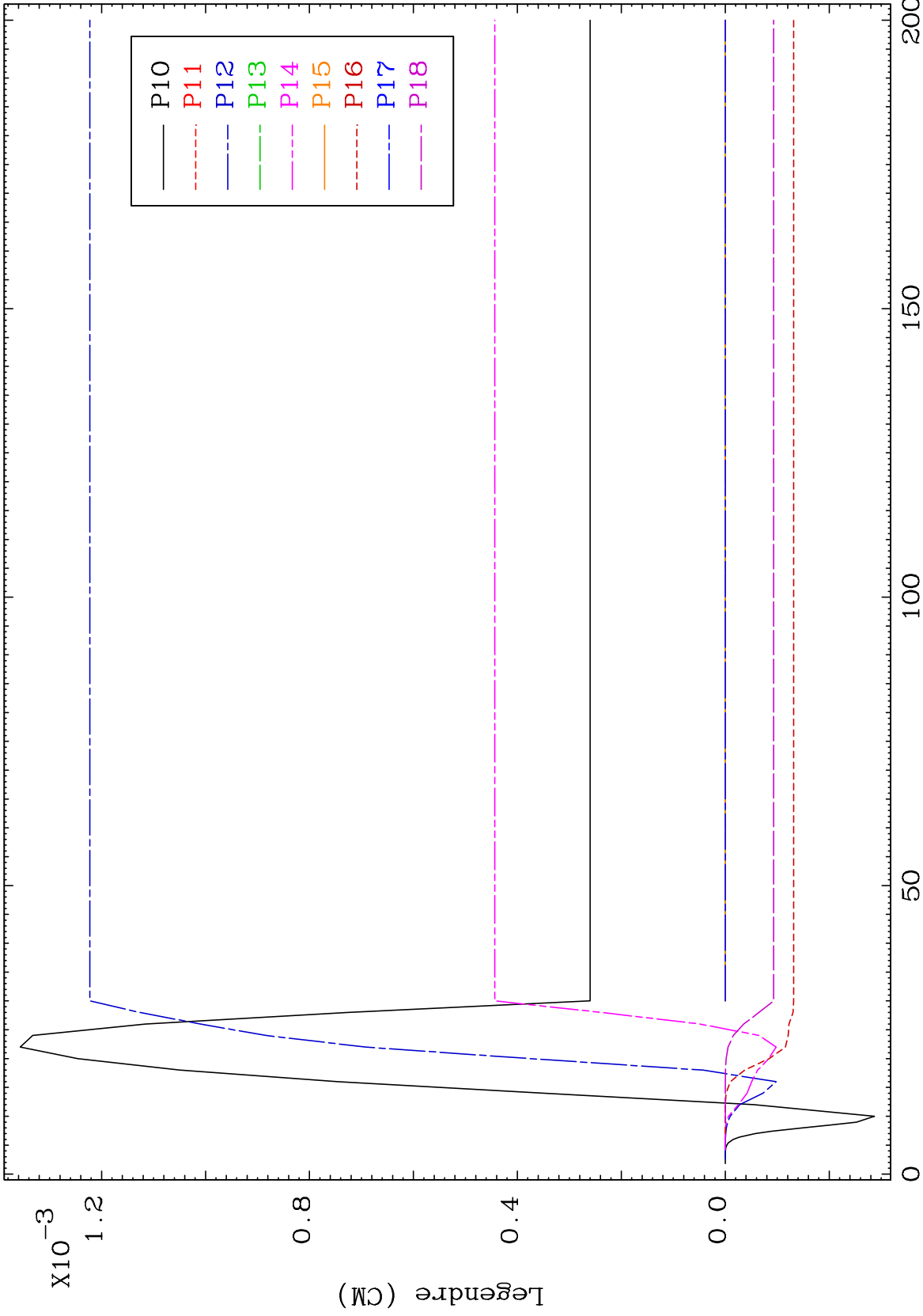
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



110

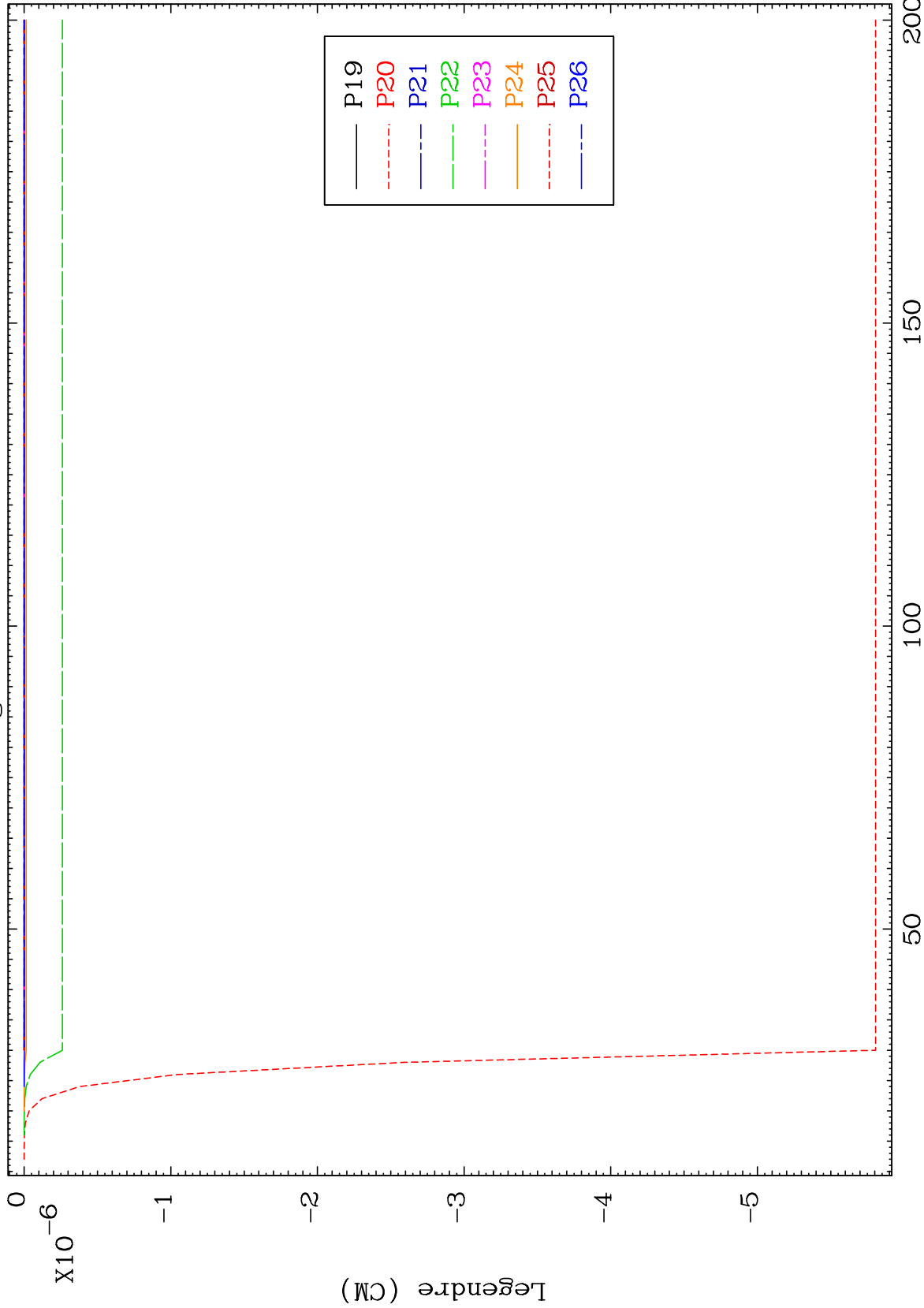
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



111

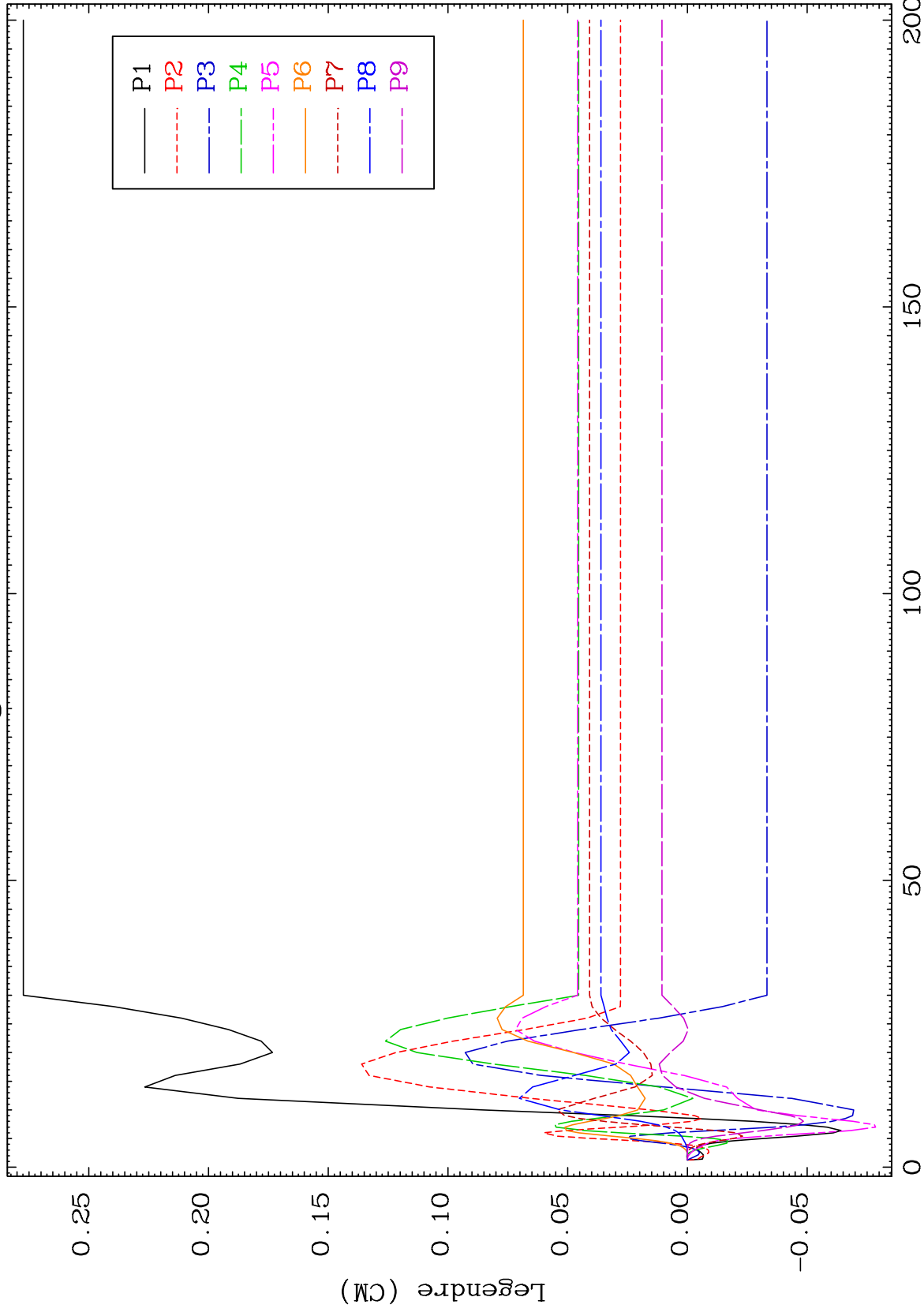
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



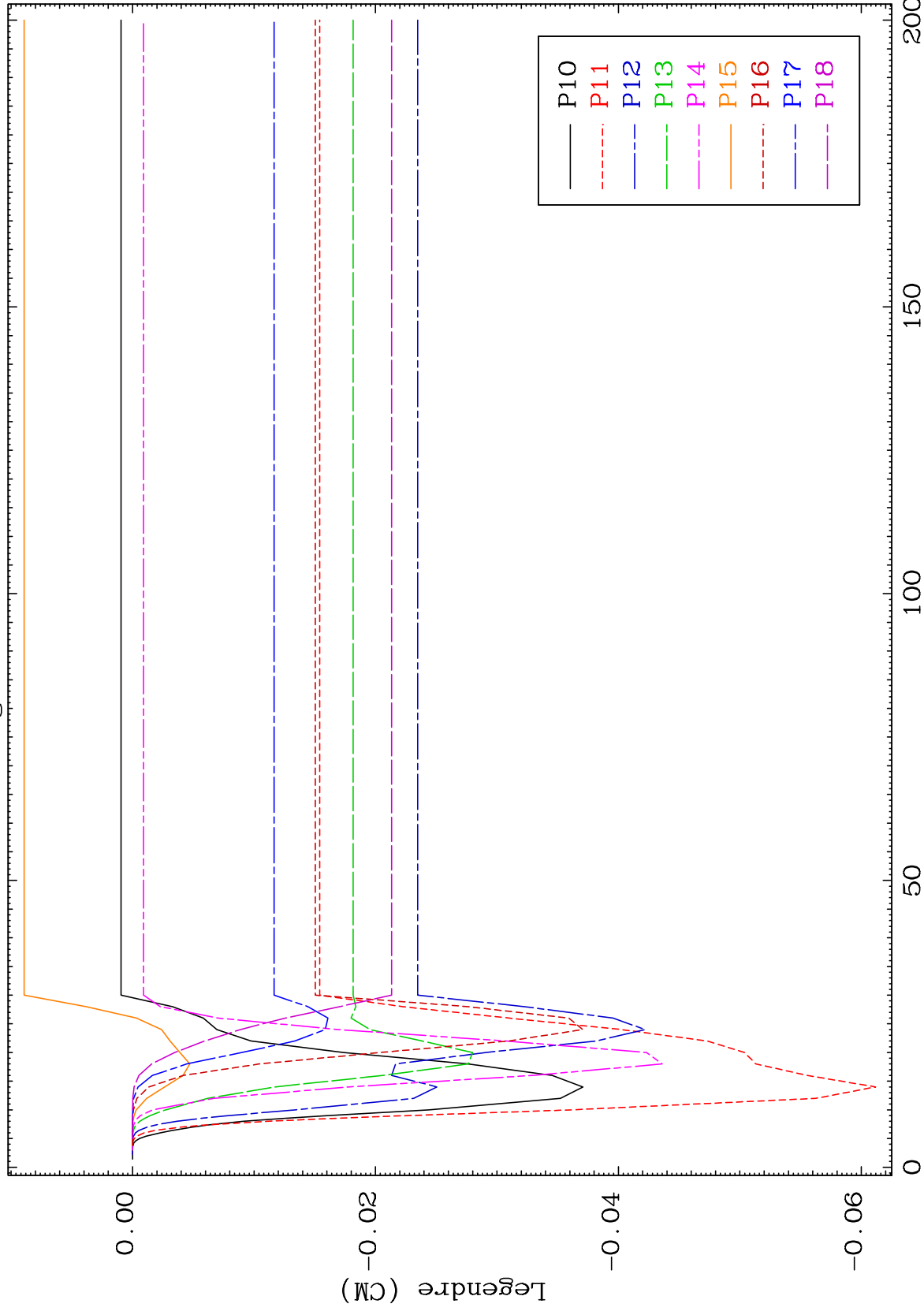
112

53-I -132

MAT 5340

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

53-I -132

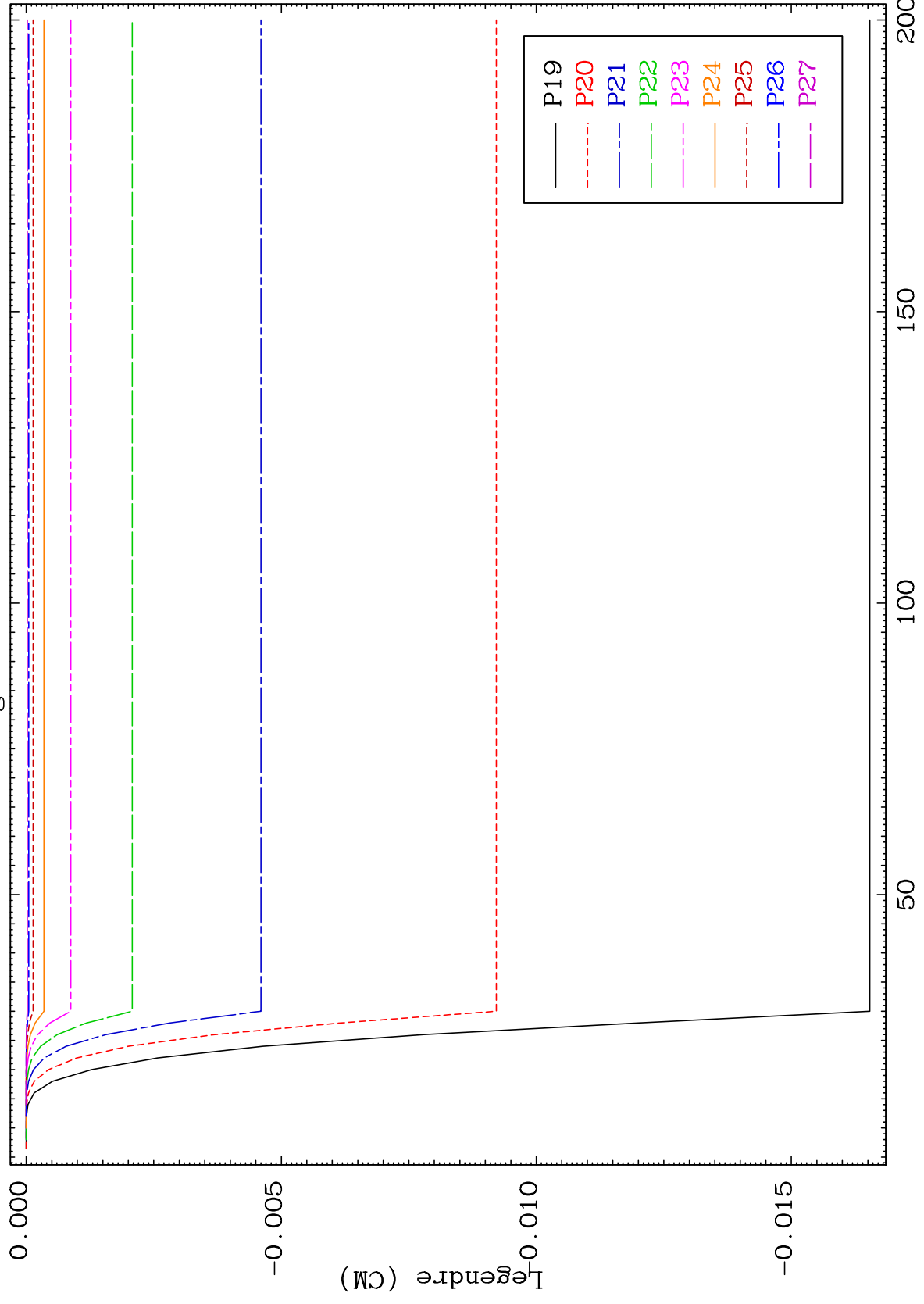


113

Incident Energy (MeV)

53-I -132

MAT 5340 MT= 78 (n,n') Level Legendre Coefficients 53-I -132

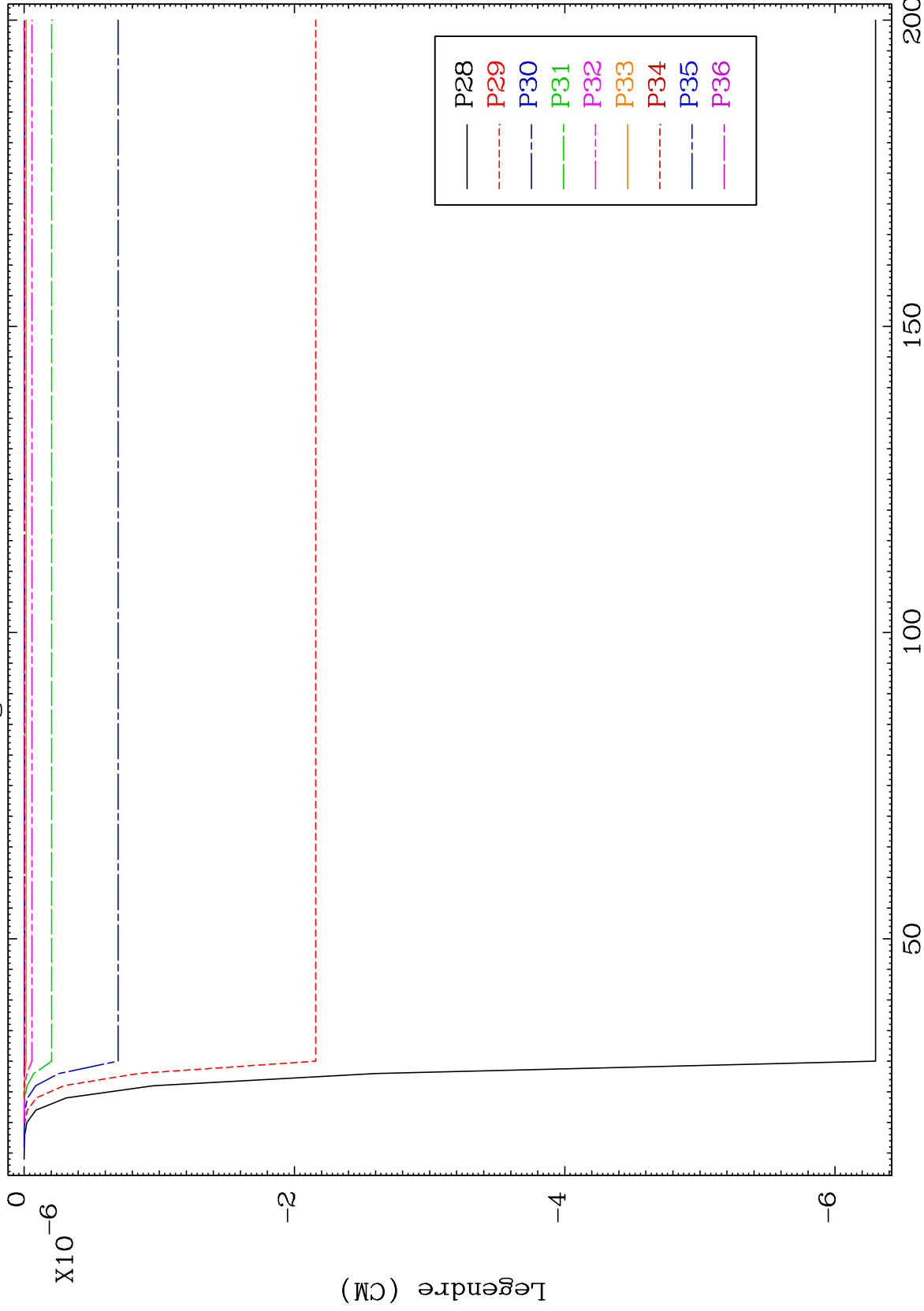


114 53-I -132

MAT 5340

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

53-I -132



115

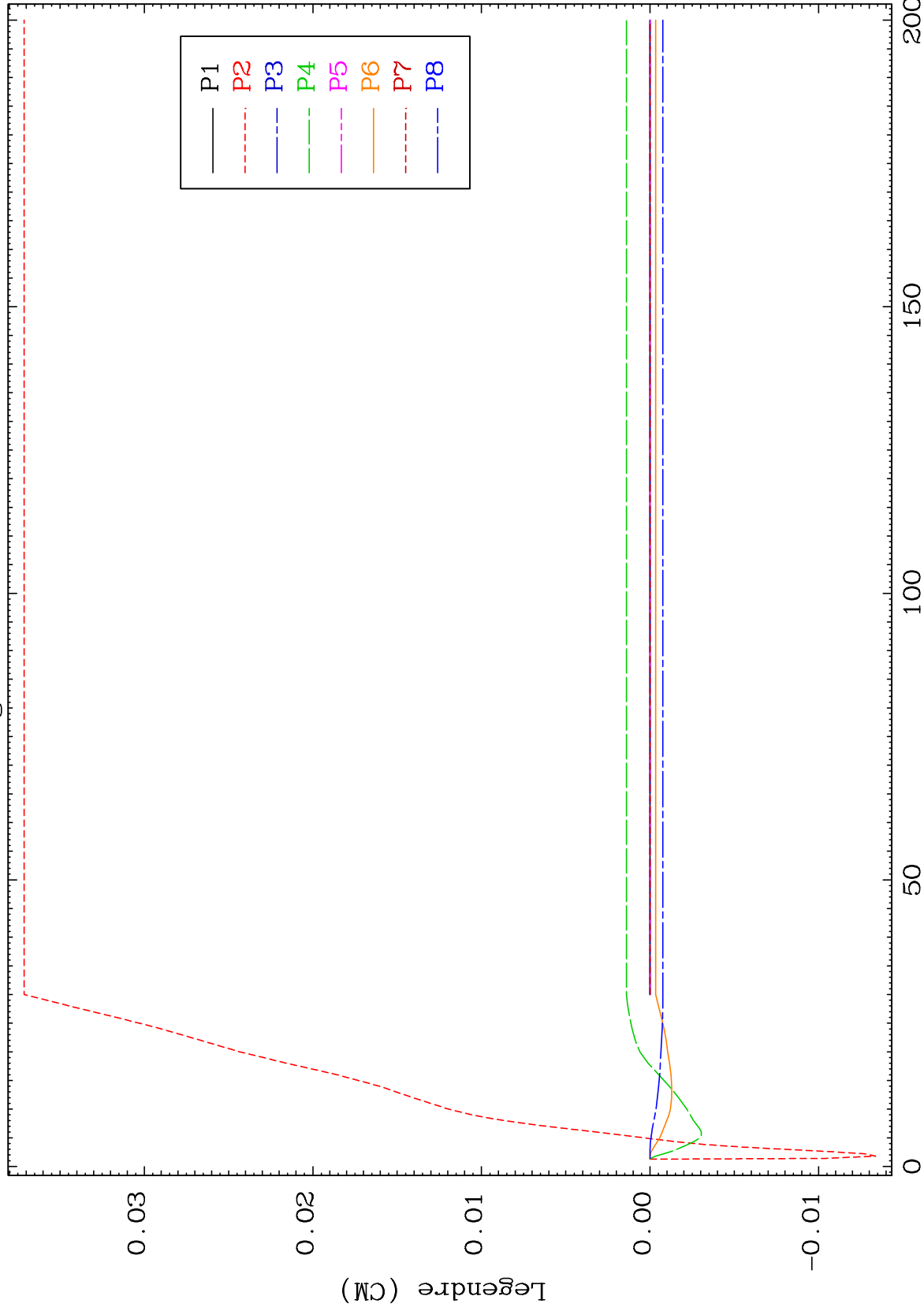
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



116

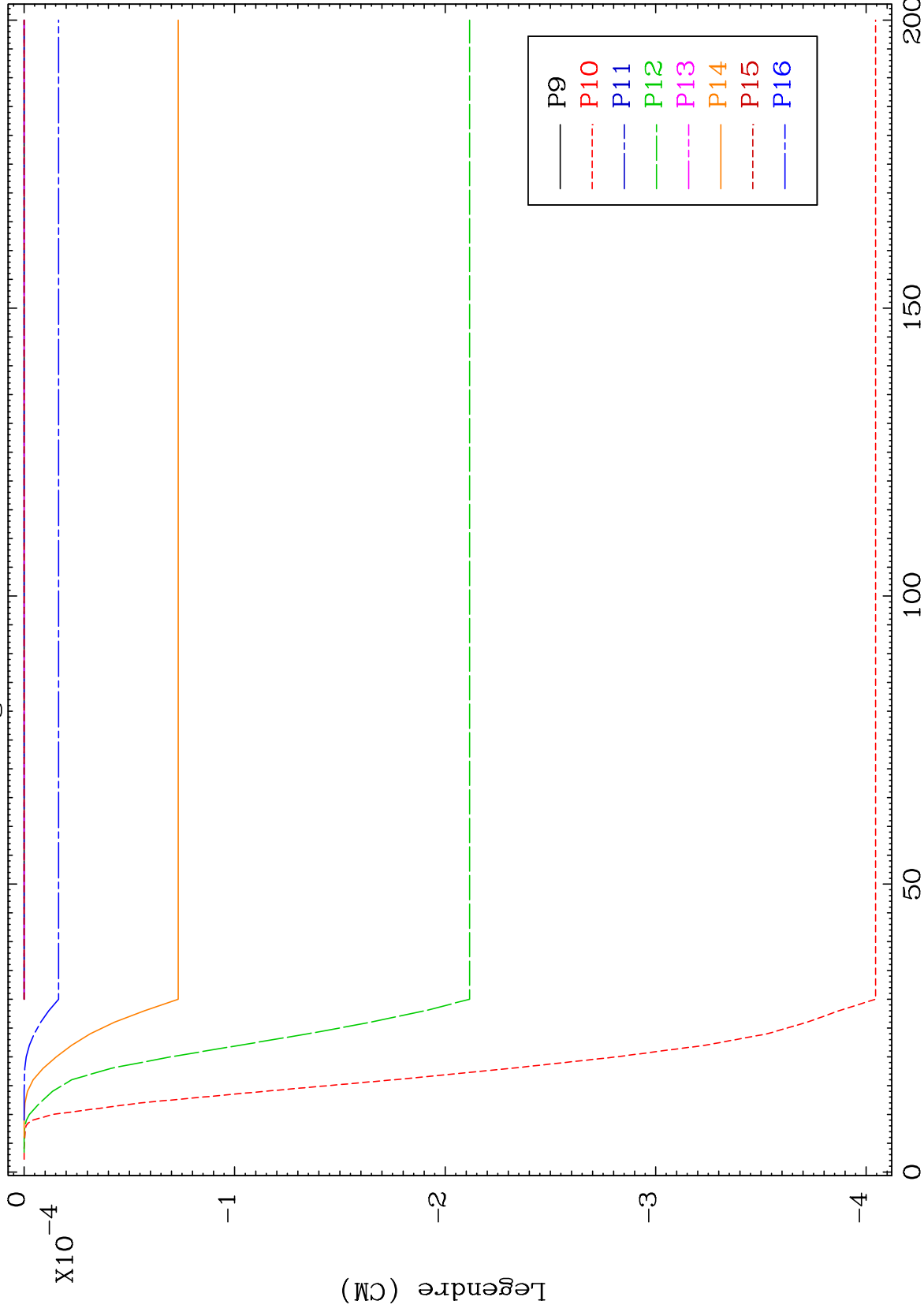
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



117

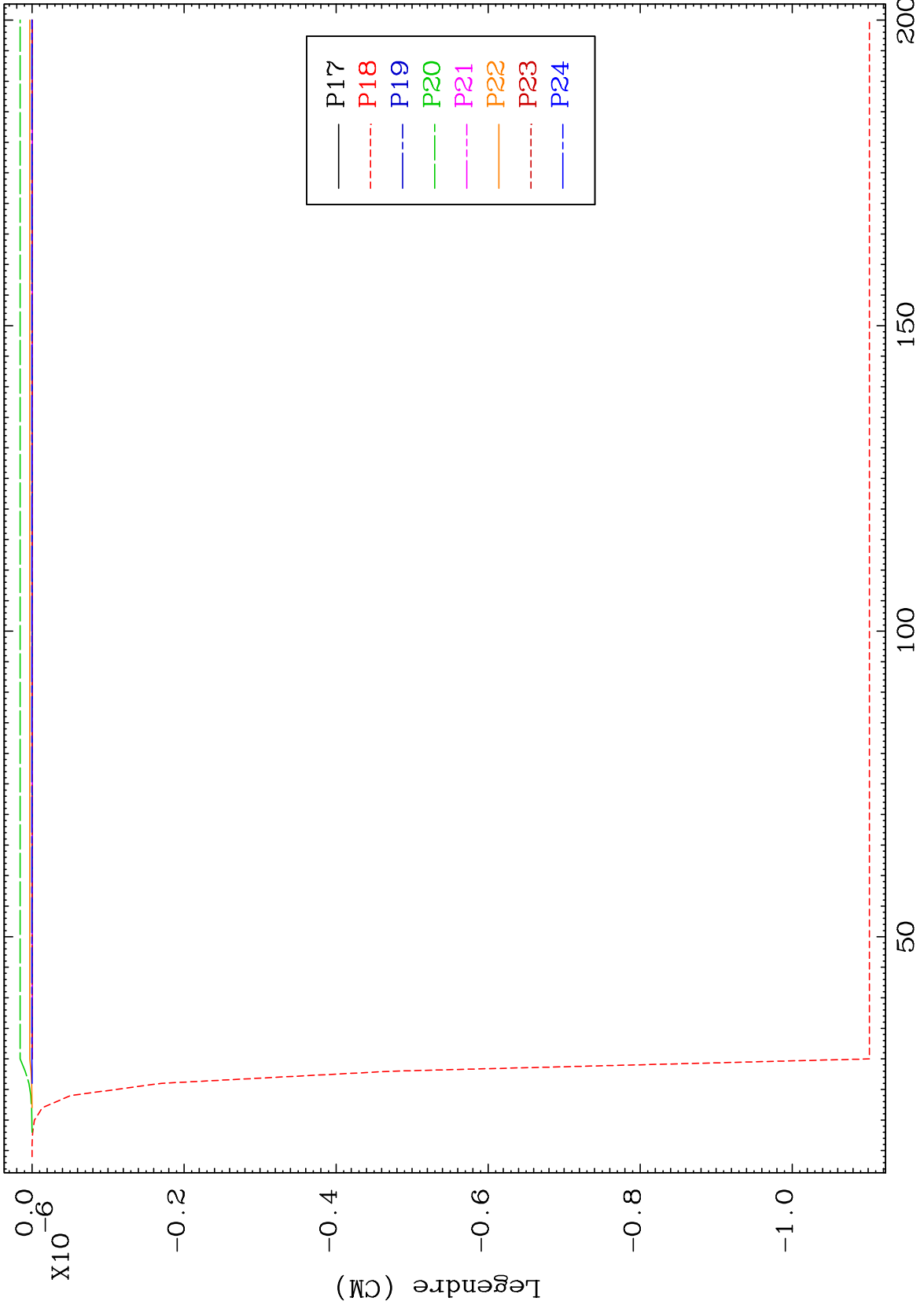
Incident Energy (MeV)

53-I -132

MAT 5340

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

53-I -132



118

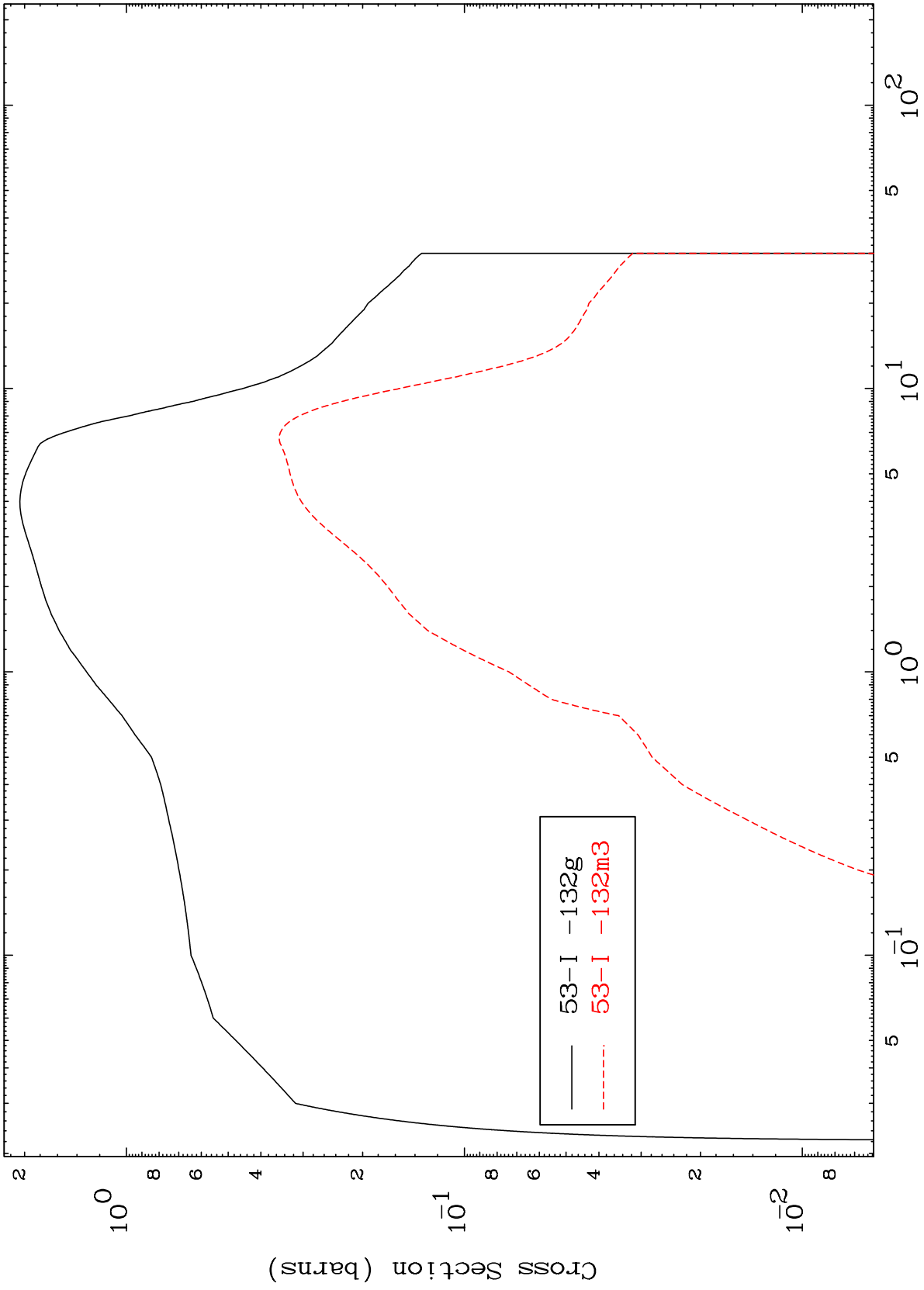
Incident Energy (MeV)

53-I -132

MAT 5340

53-I -132

Inelastic Radionuclide Production Cross Section



119

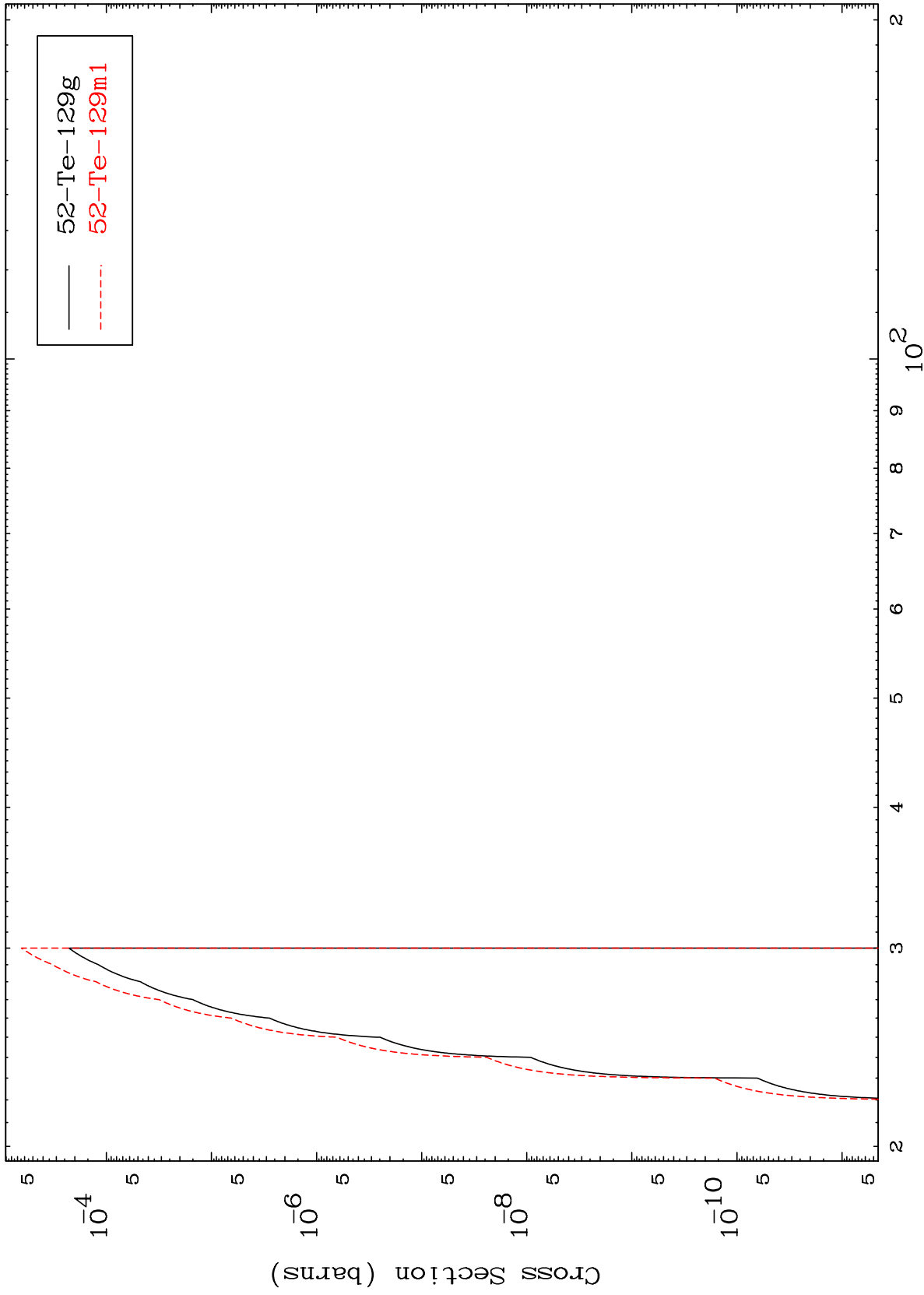
53-I -132

MAT 5340

(n,2n) d

53-I -132

Radionuclide Production Cross Section



120

Incident Energy (MeV)

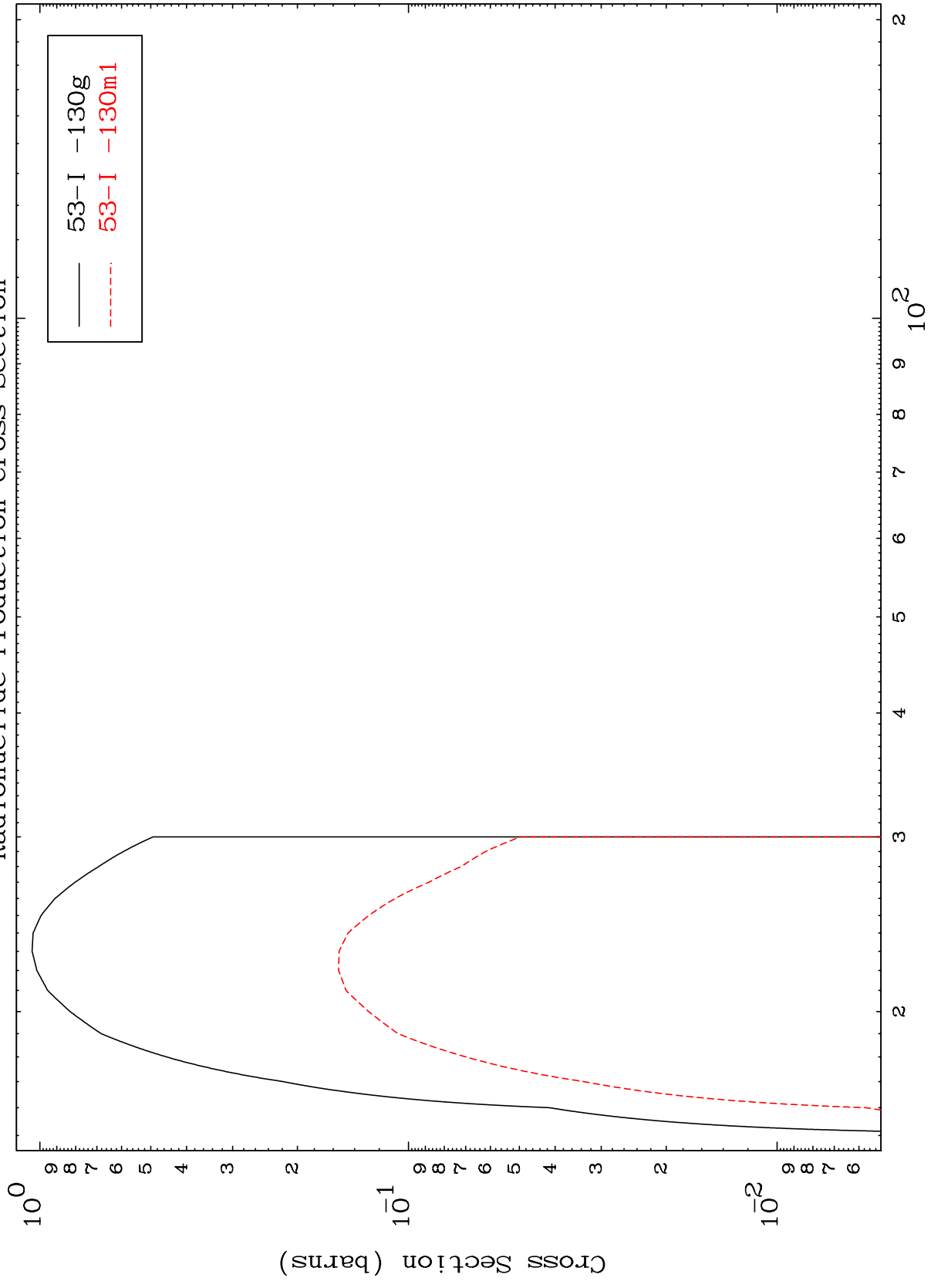
53-I -132

MAT 5340

(n,3n)

53-I -132

Radionuclide Production Cross Section



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

121

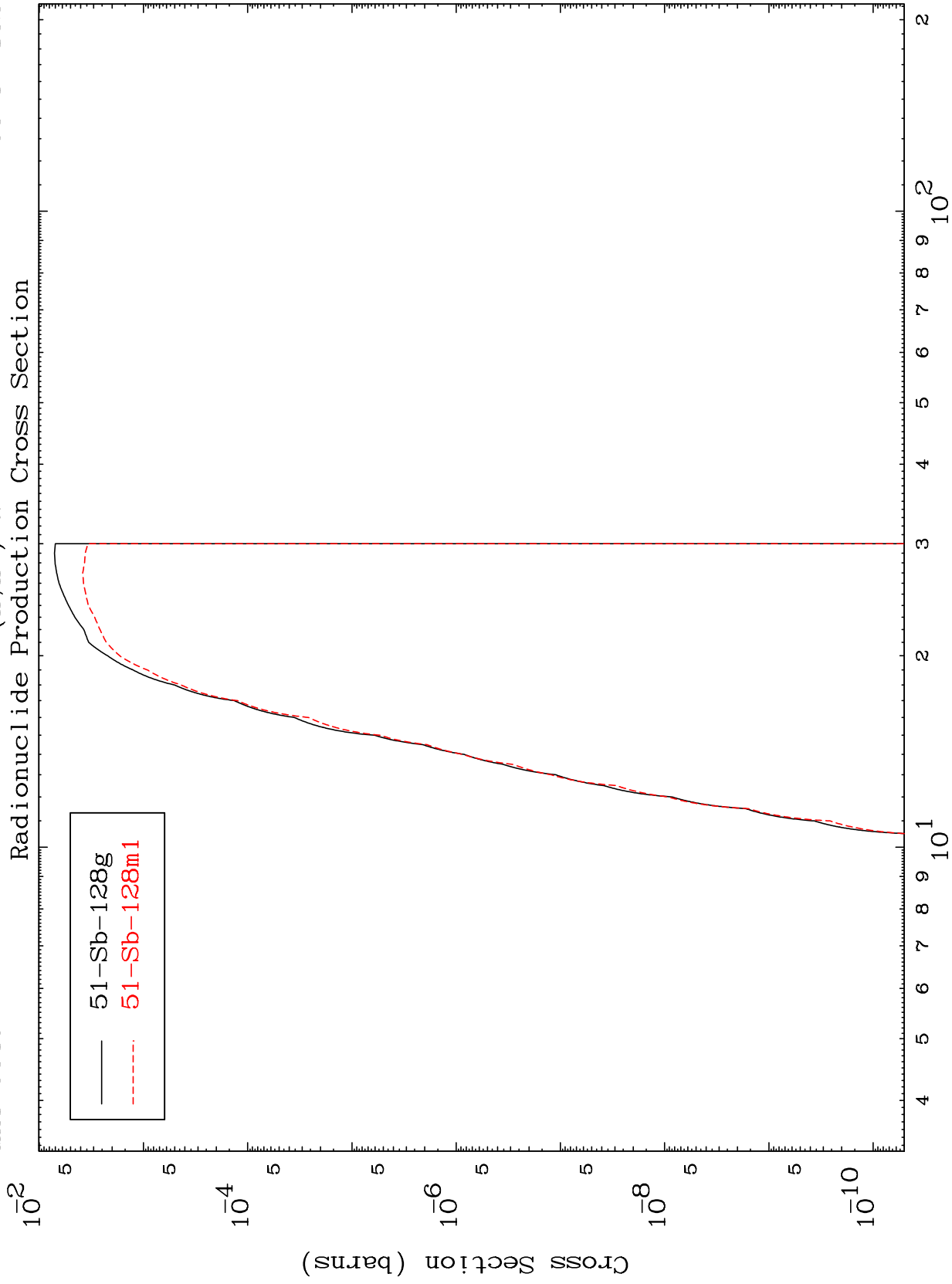
Incident Energy (MeV)

53-I -132

MAT 5340

(n,n') α

53-I -132



122

Incident Energy (MeV)

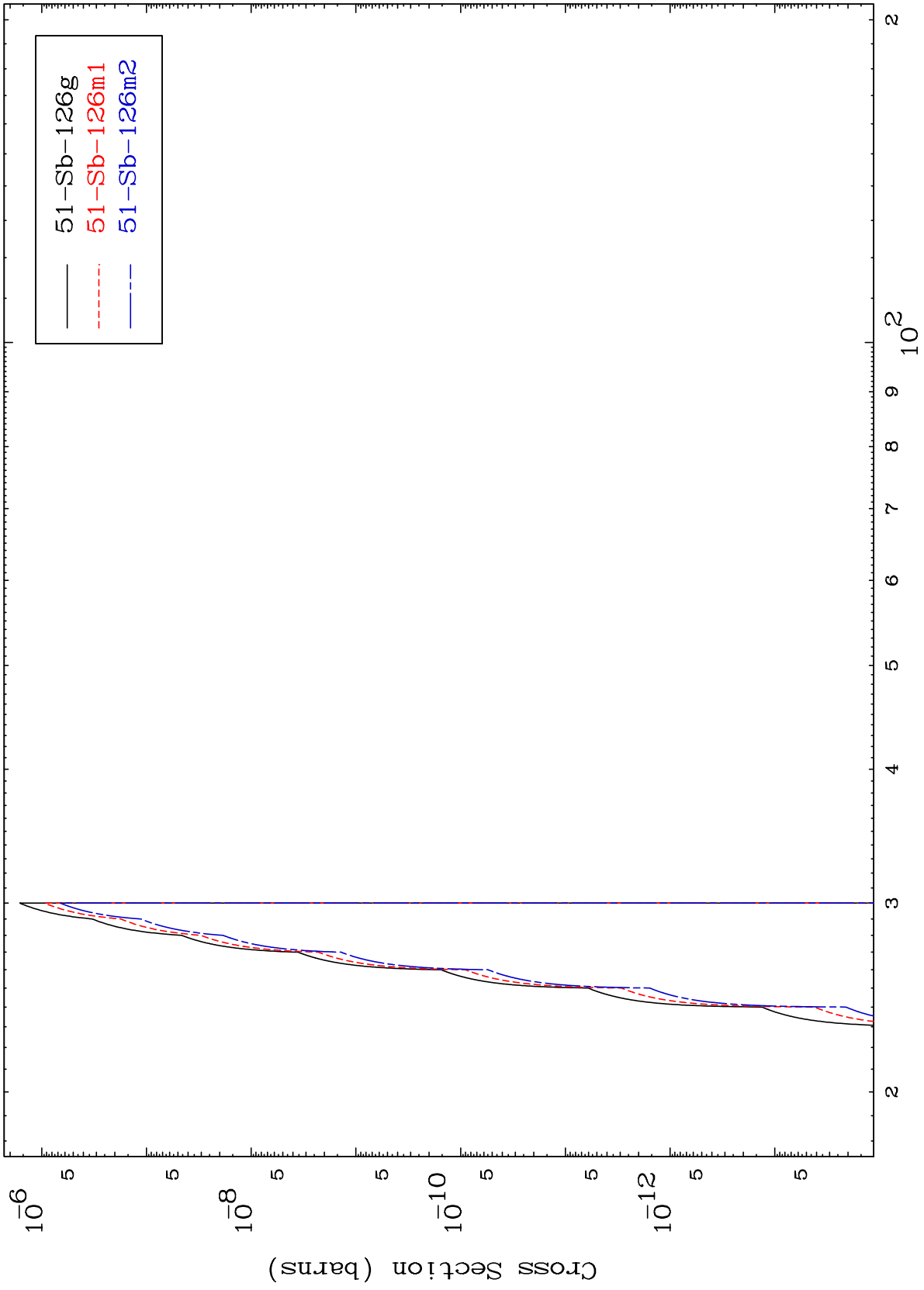
53-I -132

MAT 5340

(n,3n) α

53-I -132

Radionuclide Production Cross Section



123

Incident Energy (MeV)

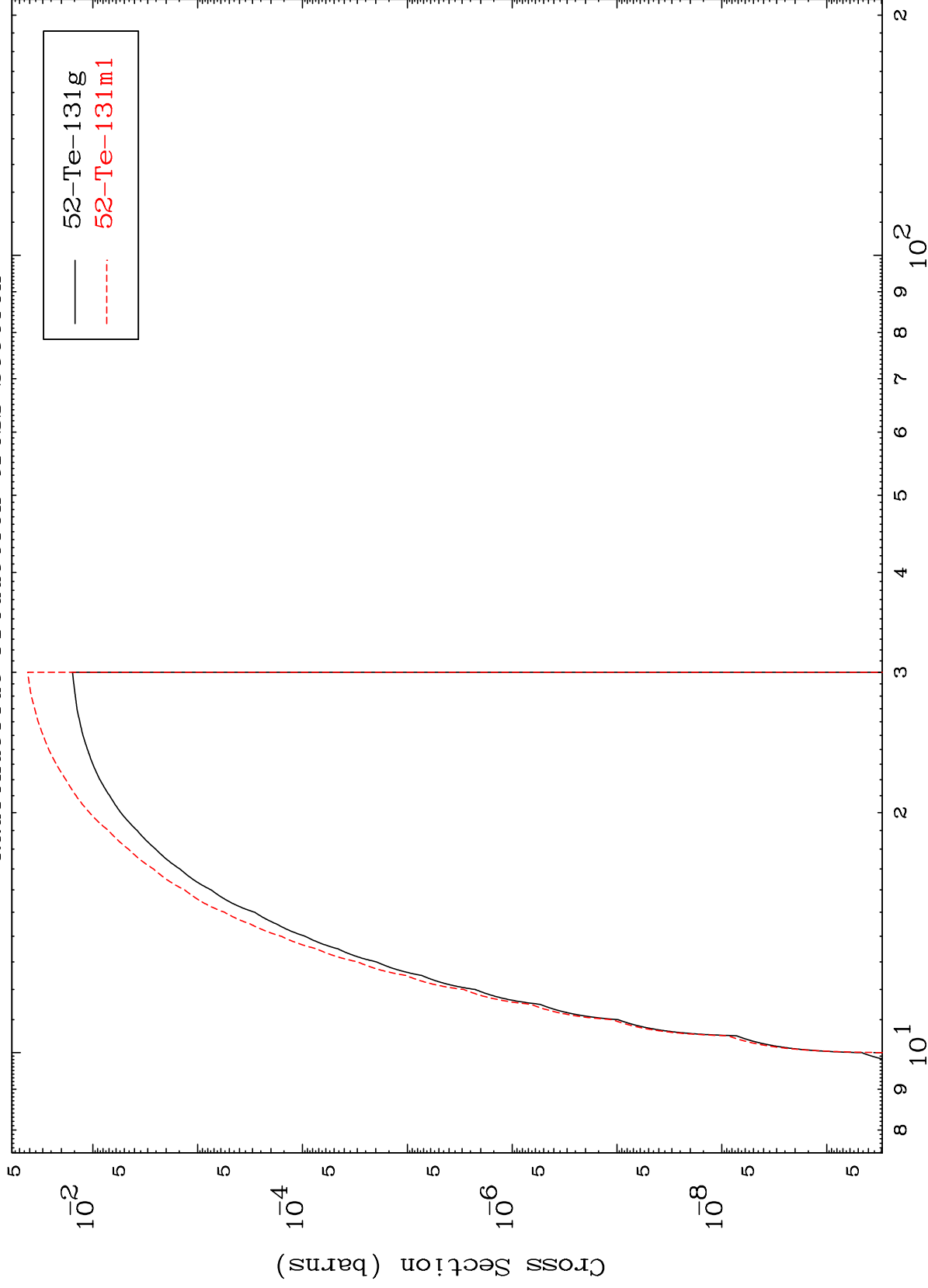
53-I -132

MAT 5340

(n,n') p

53-I -132

Radionuclide Production Cross Section



124

Incident Energy (MeV)

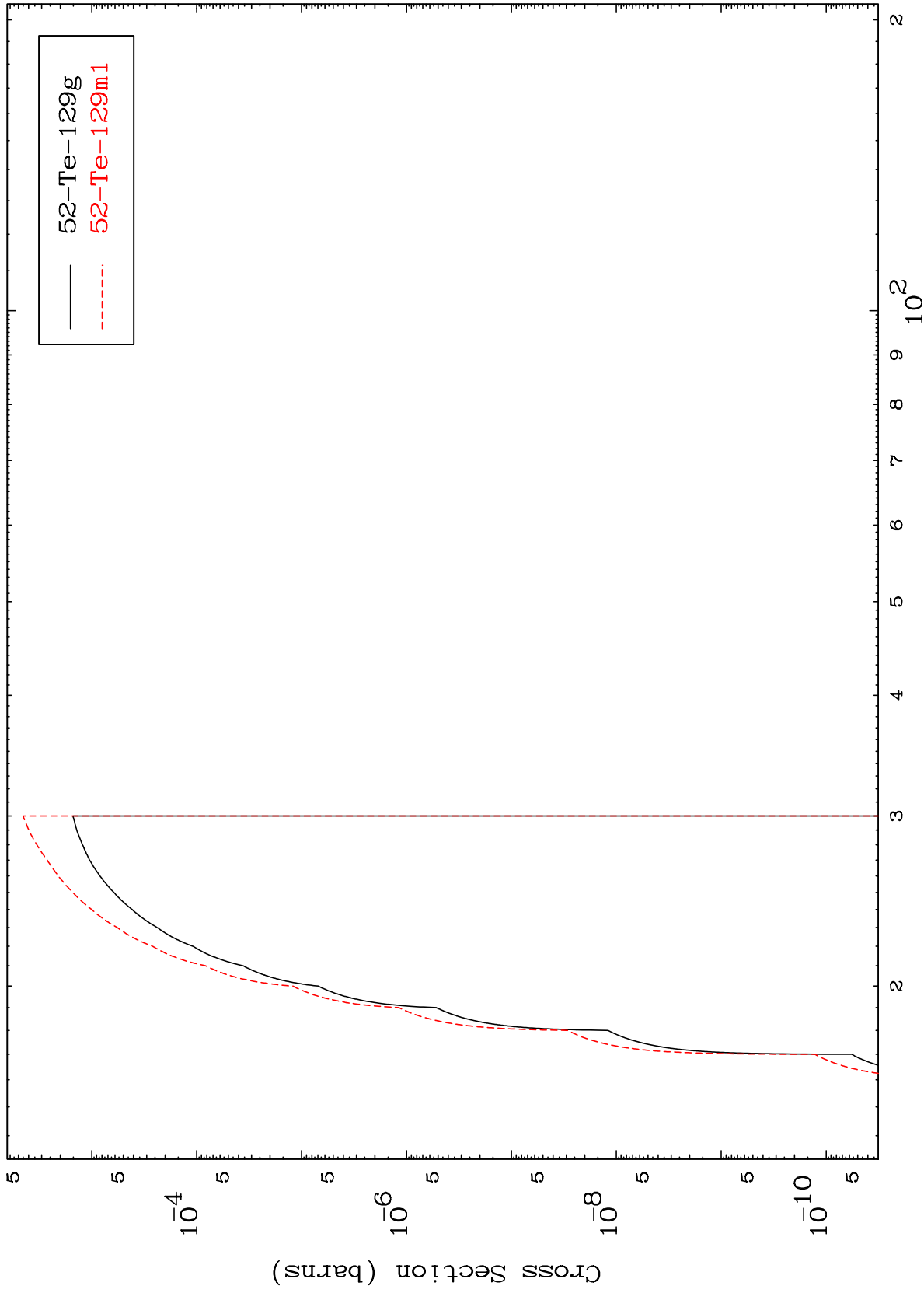
53-I -132

MAT 5340

(n,n') t

53-I -132

Radionuclide Production Cross Section



125

Incident Energy (MeV)

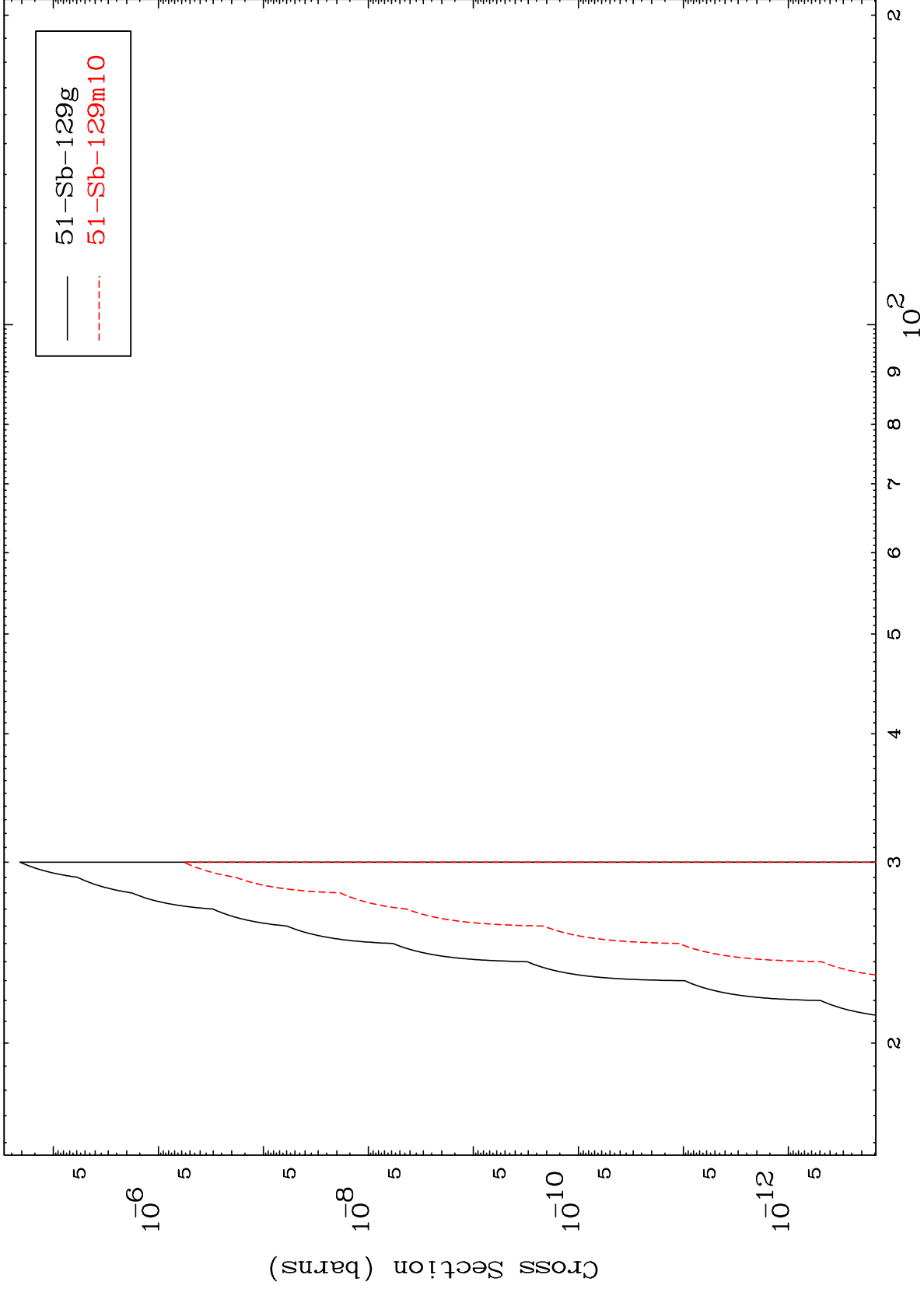
53-I -132

MAT 5340

(n, n') He-3

53-I -132

Radionuclide Production Cross Section



126

Incident Energy (MeV)

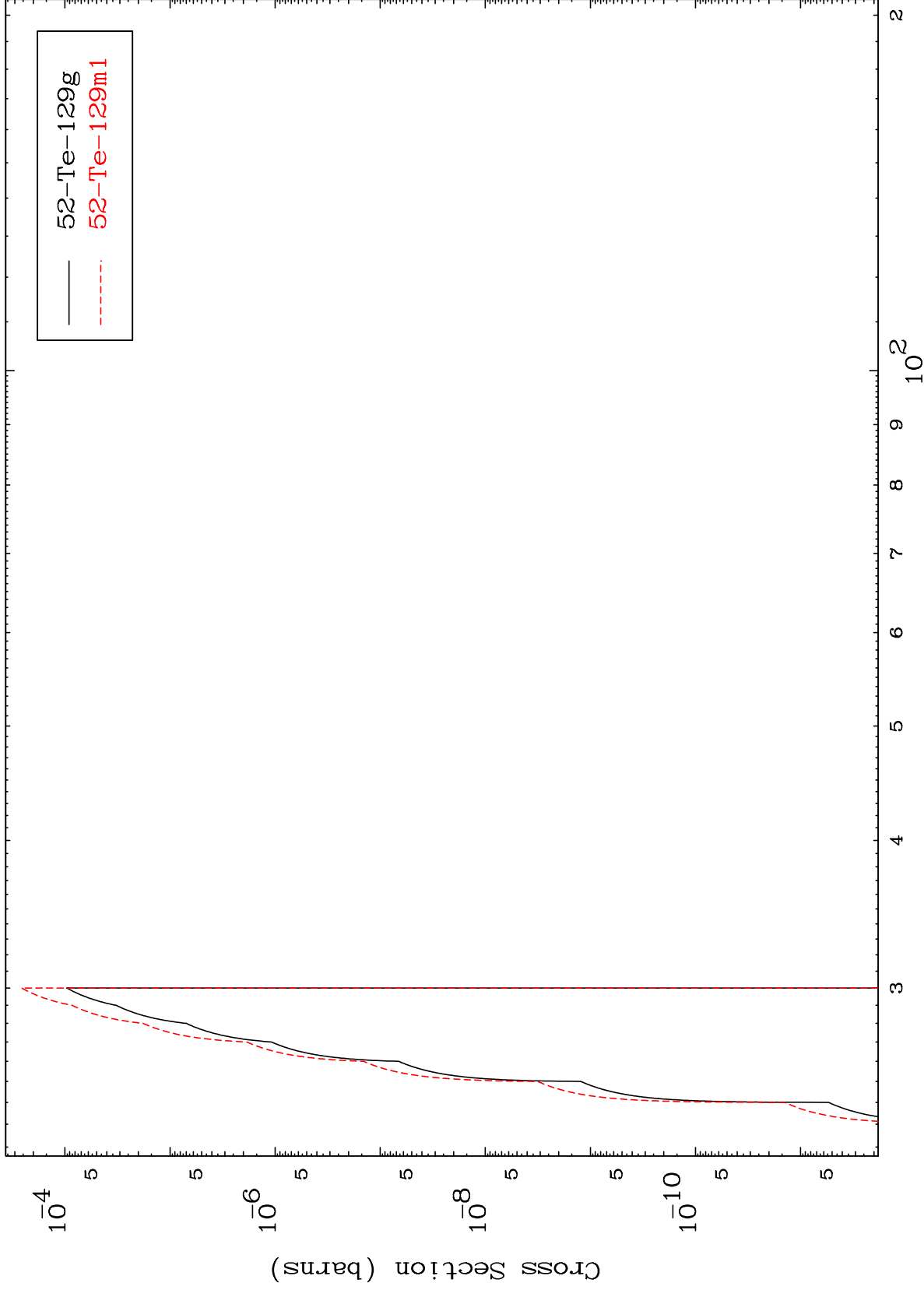
53-I -132

MAT 5340

(n,3n) p

53-I -132

Radionuclide Production Cross Section

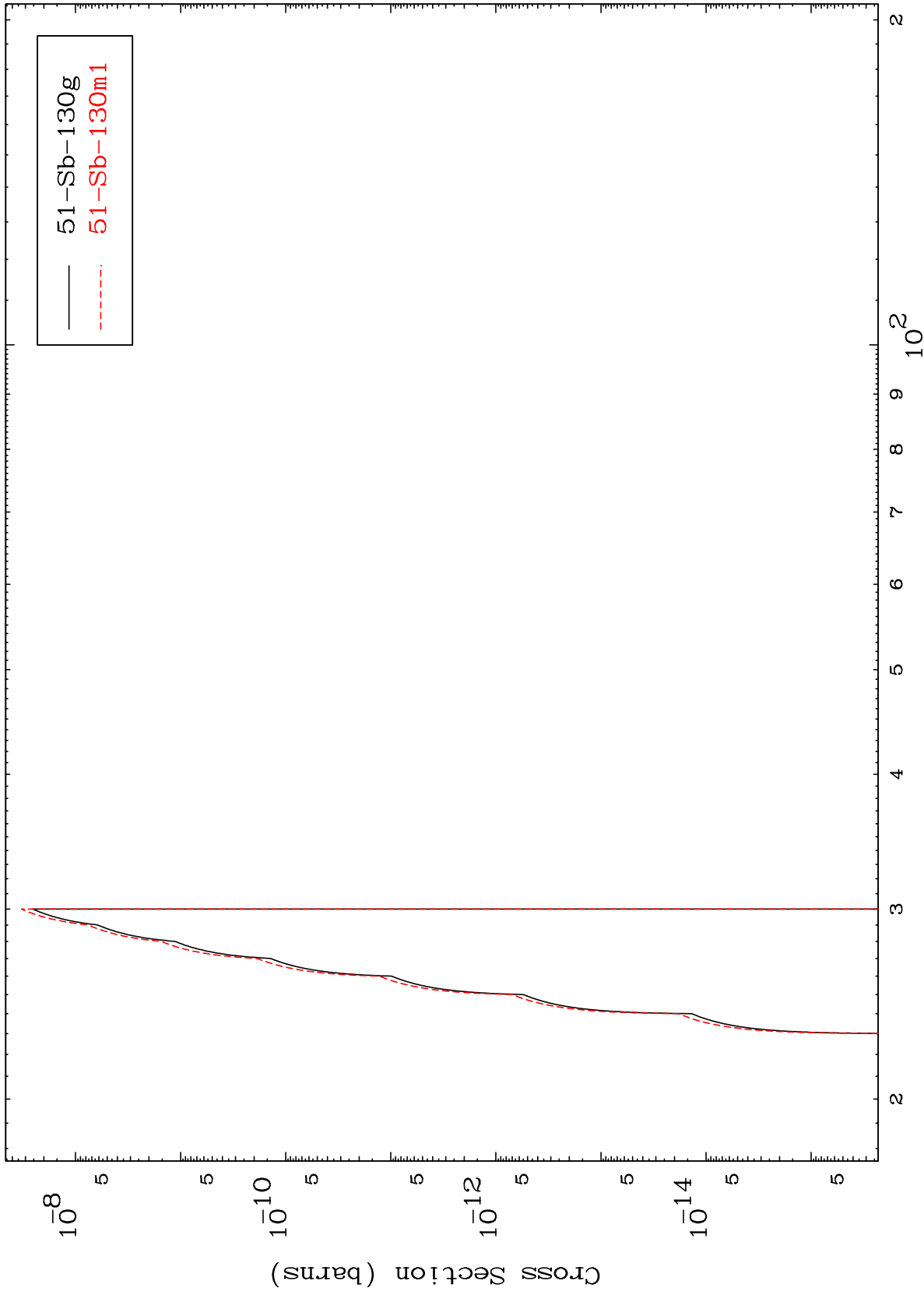


127

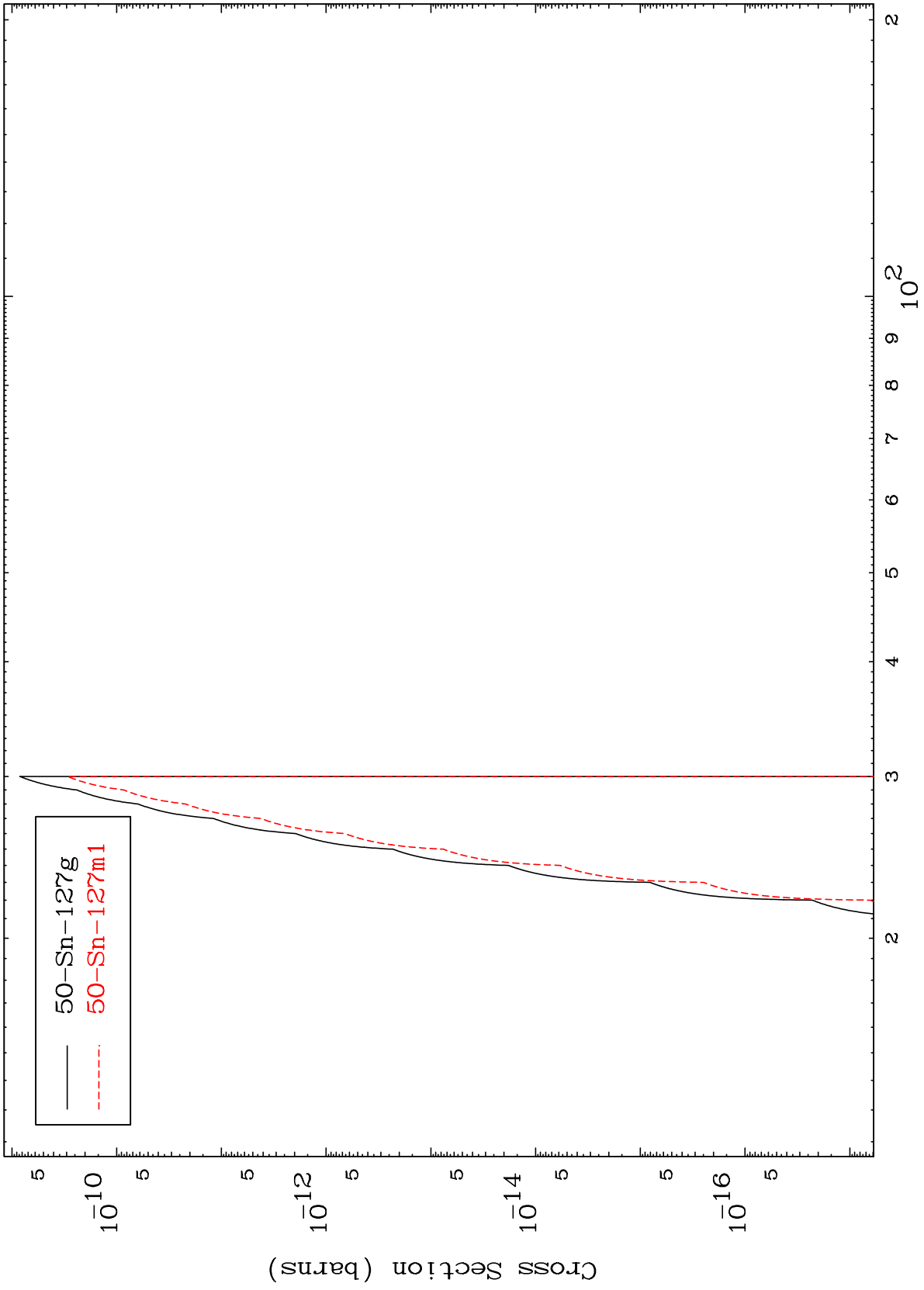
Incident Energy (MeV)

53-I -132

Radionuclide Production Cross Section



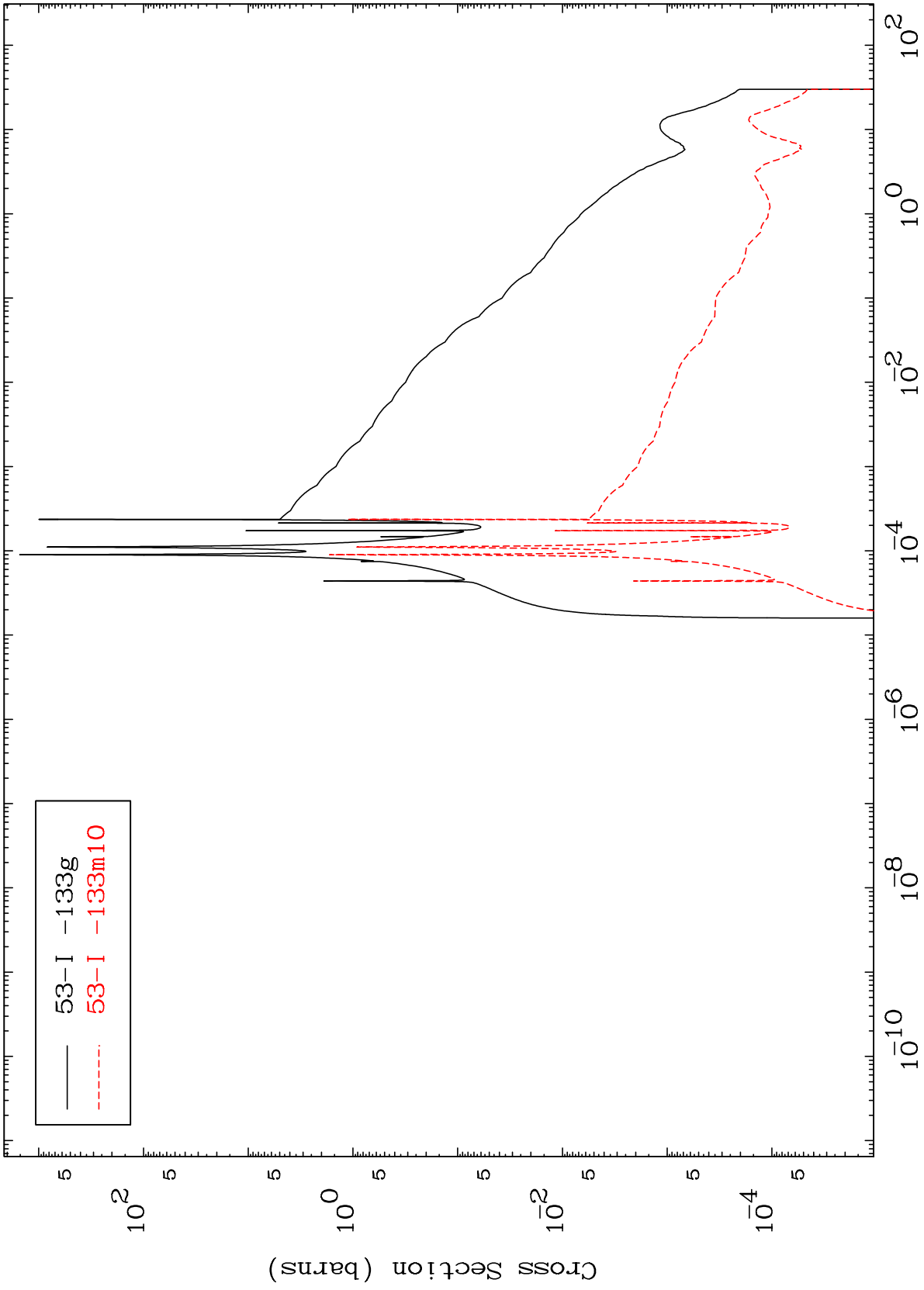
Radionuclide Production Cross Section



MAT 5340

53-I -132

Radionuclide Production Cross Section
(n,γ)

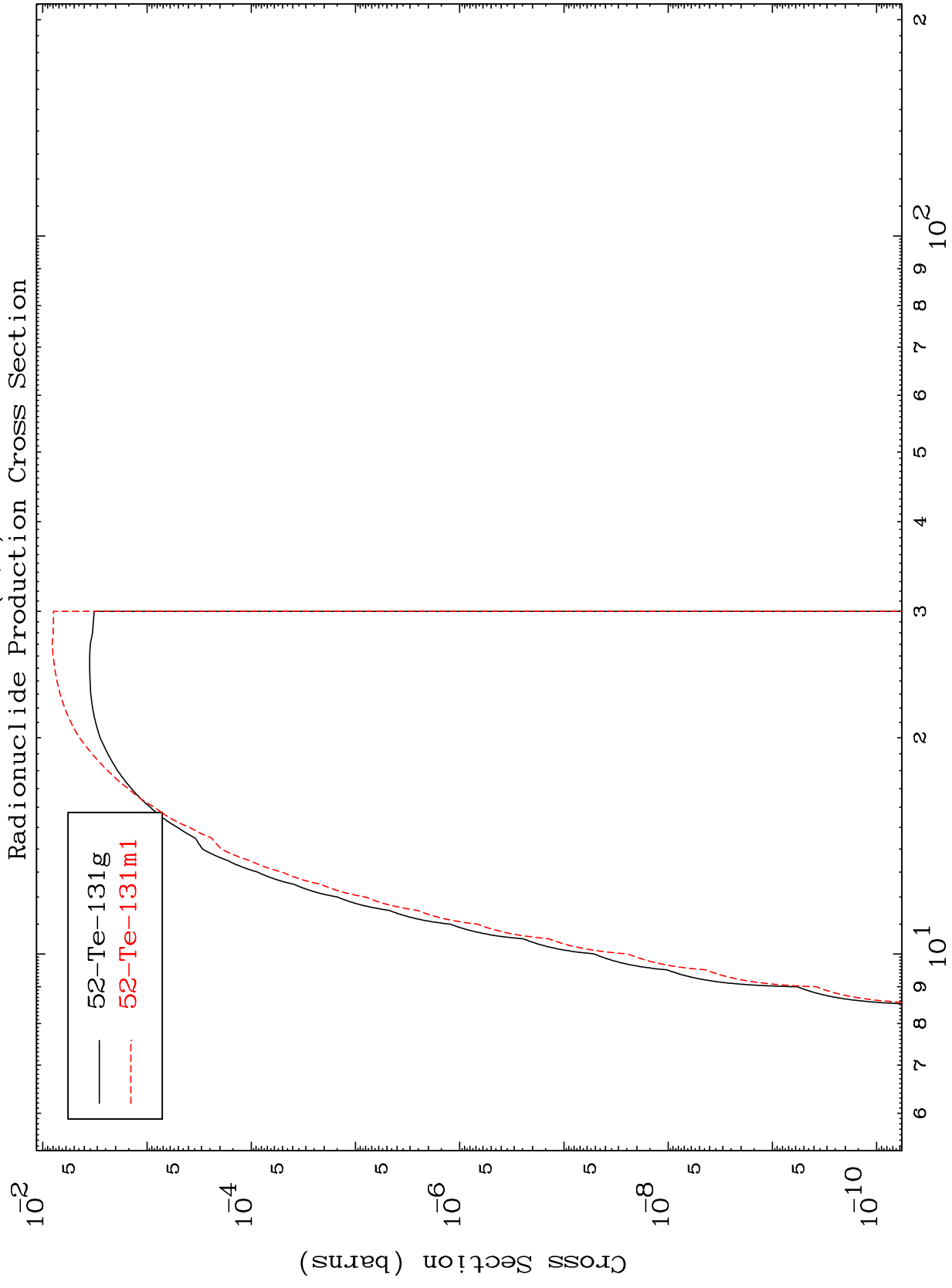


130

53-I -132

MAT 5340

53-I -132



131

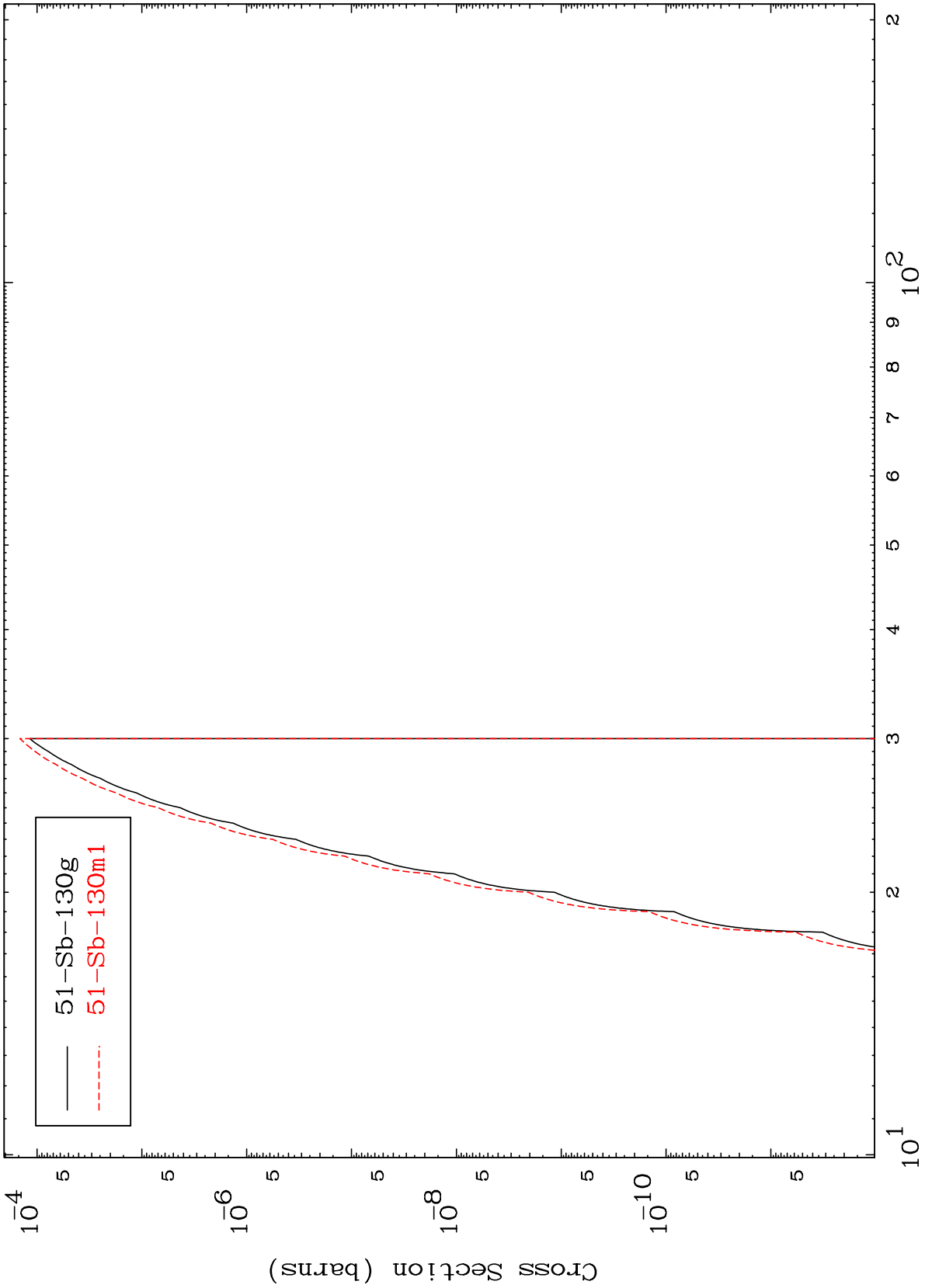
53-I -132

MAT 5340

(n,He-3)

53-I -132

Radionuclide Production Cross Section



51-Sb-130g
51-Sb-130m1

132

Incident Energy (MeV)

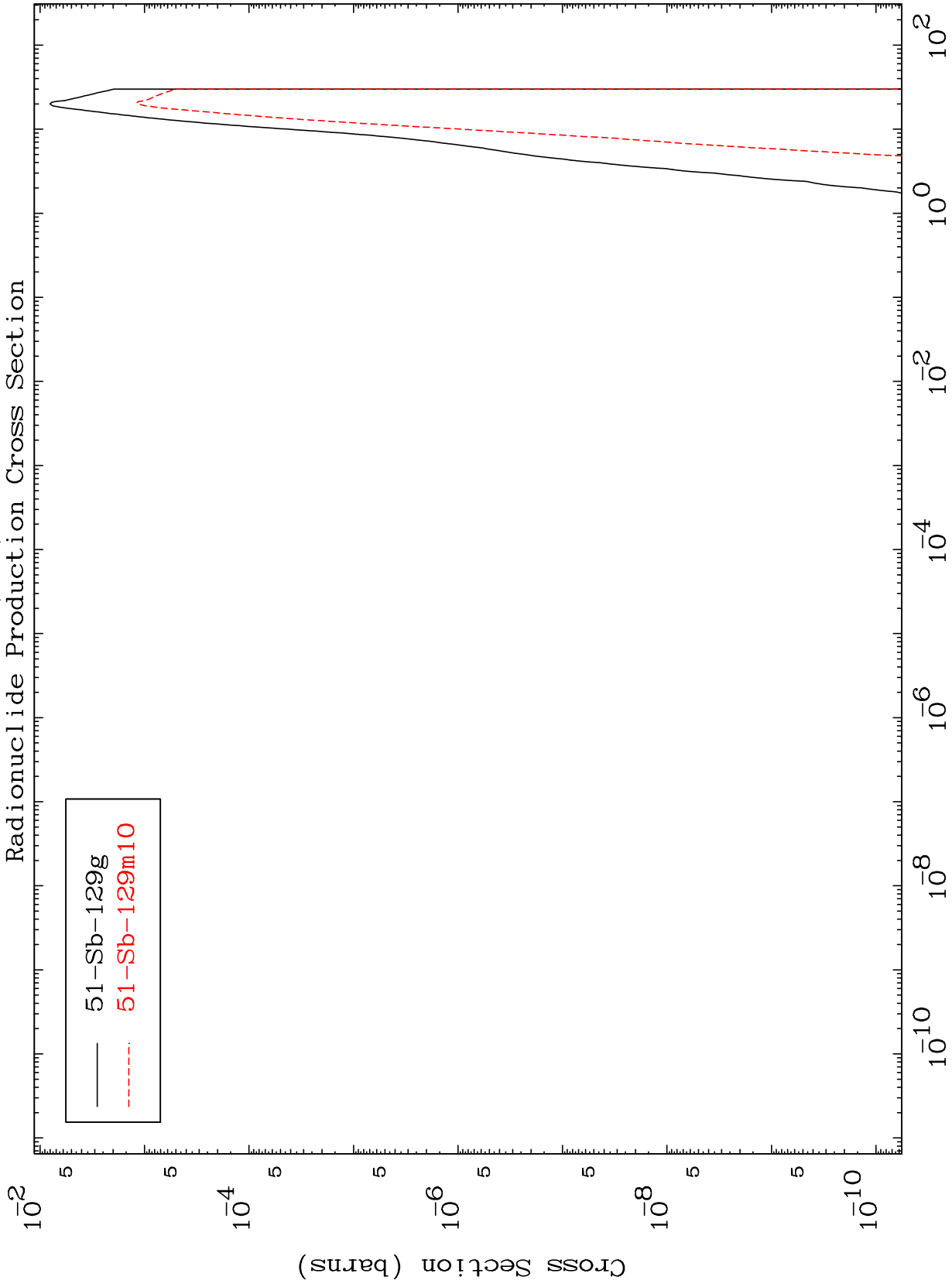
53-I -132

MAT 5340

(n, α)

53-I -132

Radionuclide Production Cross Section



— 51-Sb-129g
- - - 51-Sb-129m10

133

Incident Energy (MeV)

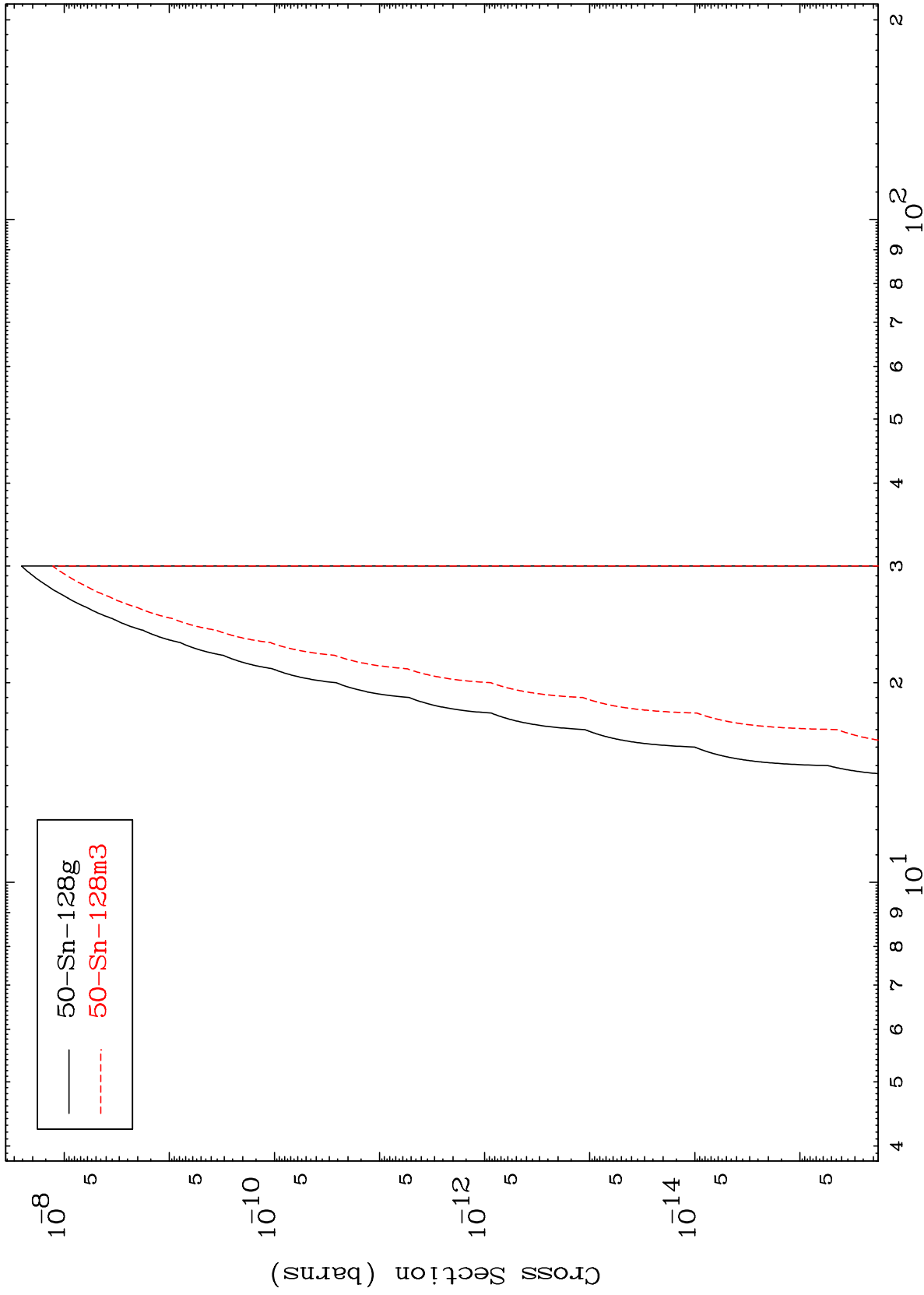
53-I -132

MAT 5340

(n,p) α

53-I -132

Radionuclide Production Cross Section



134

Incident Energy (MeV)

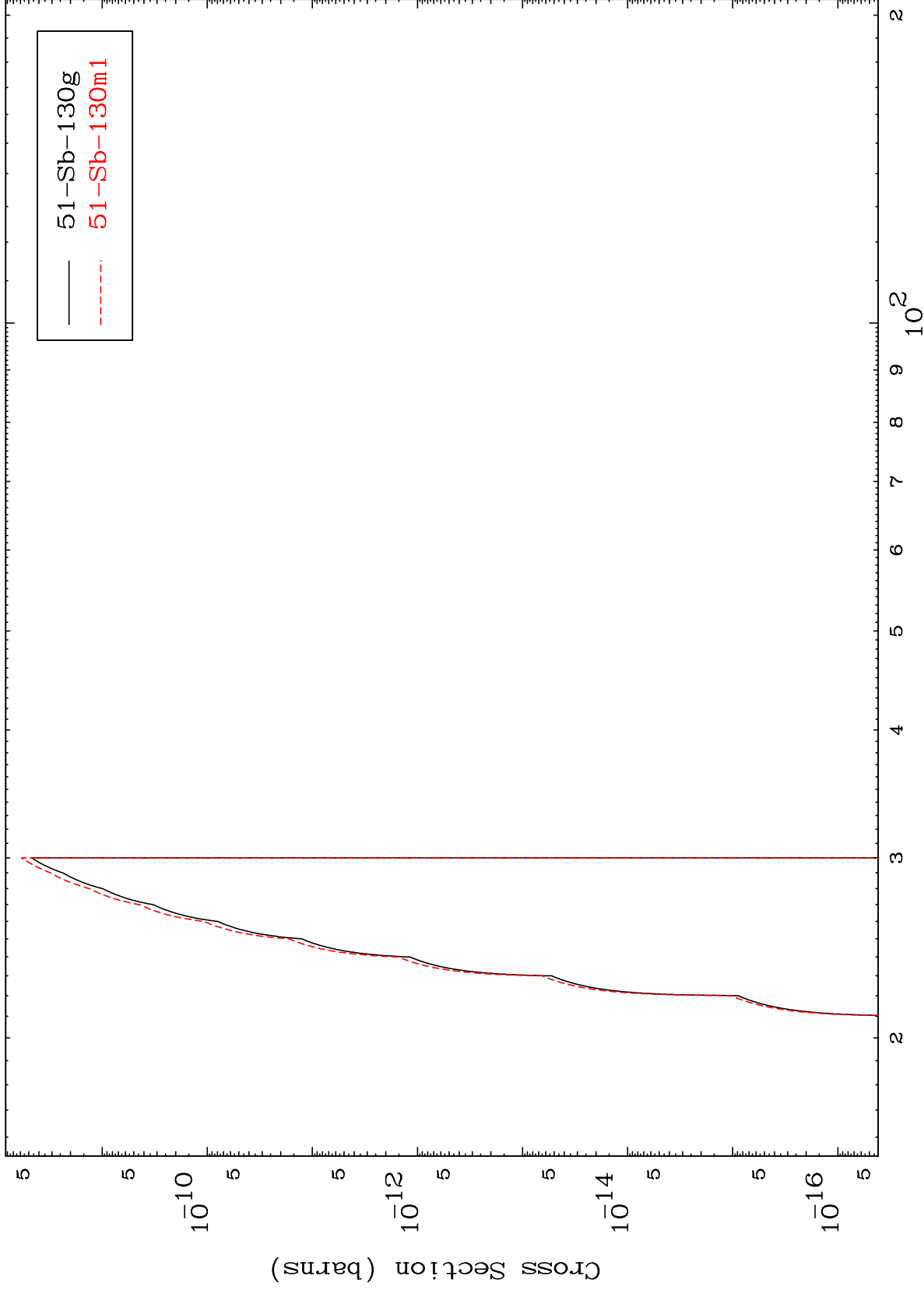
53-I -132

MAT 5340

(n,p) d

53-I -132

Radionuclide Production Cross Section

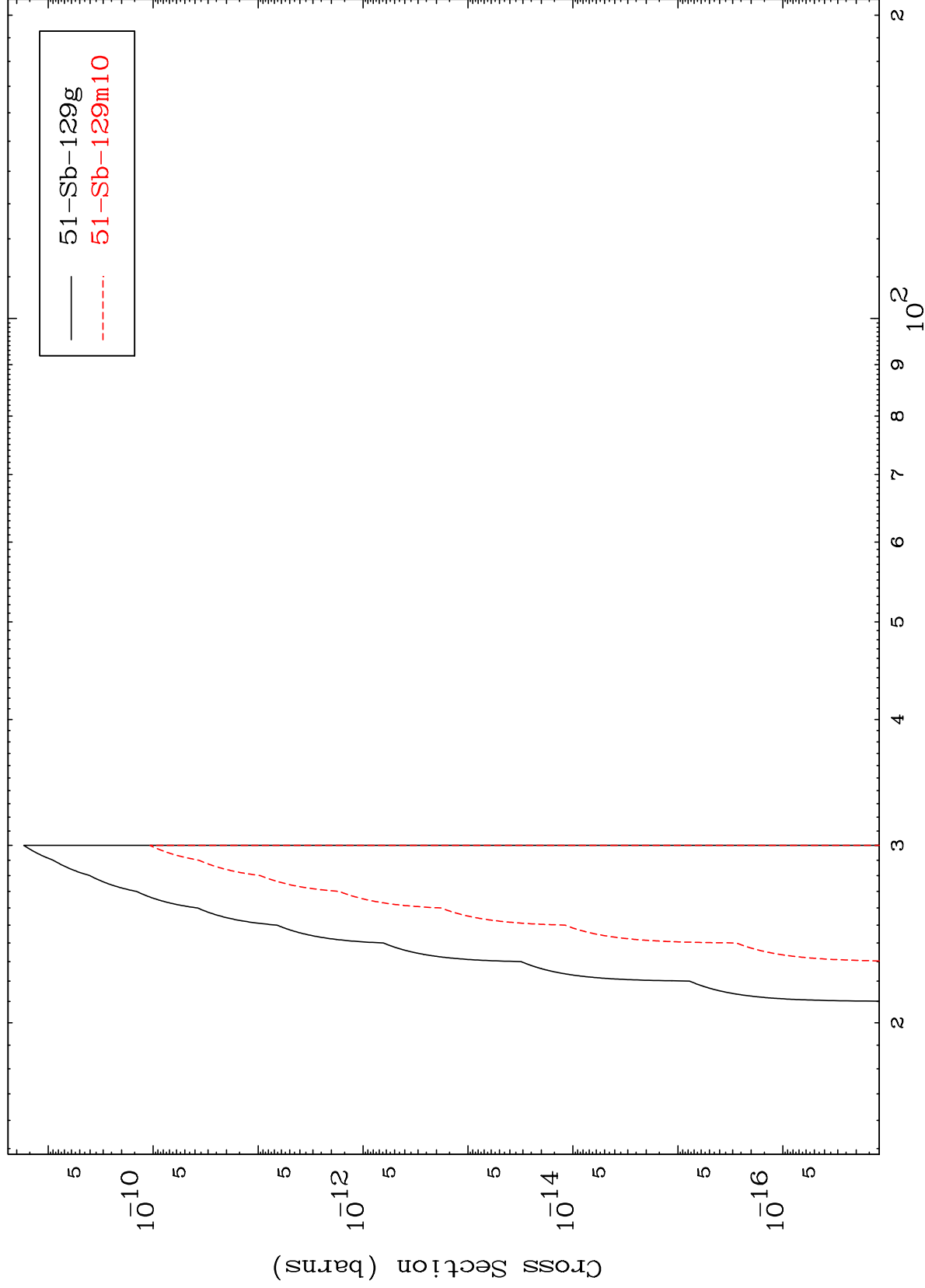


135

Incident Energy (MeV)

53-I -132

Radionuclide Production Cross Section

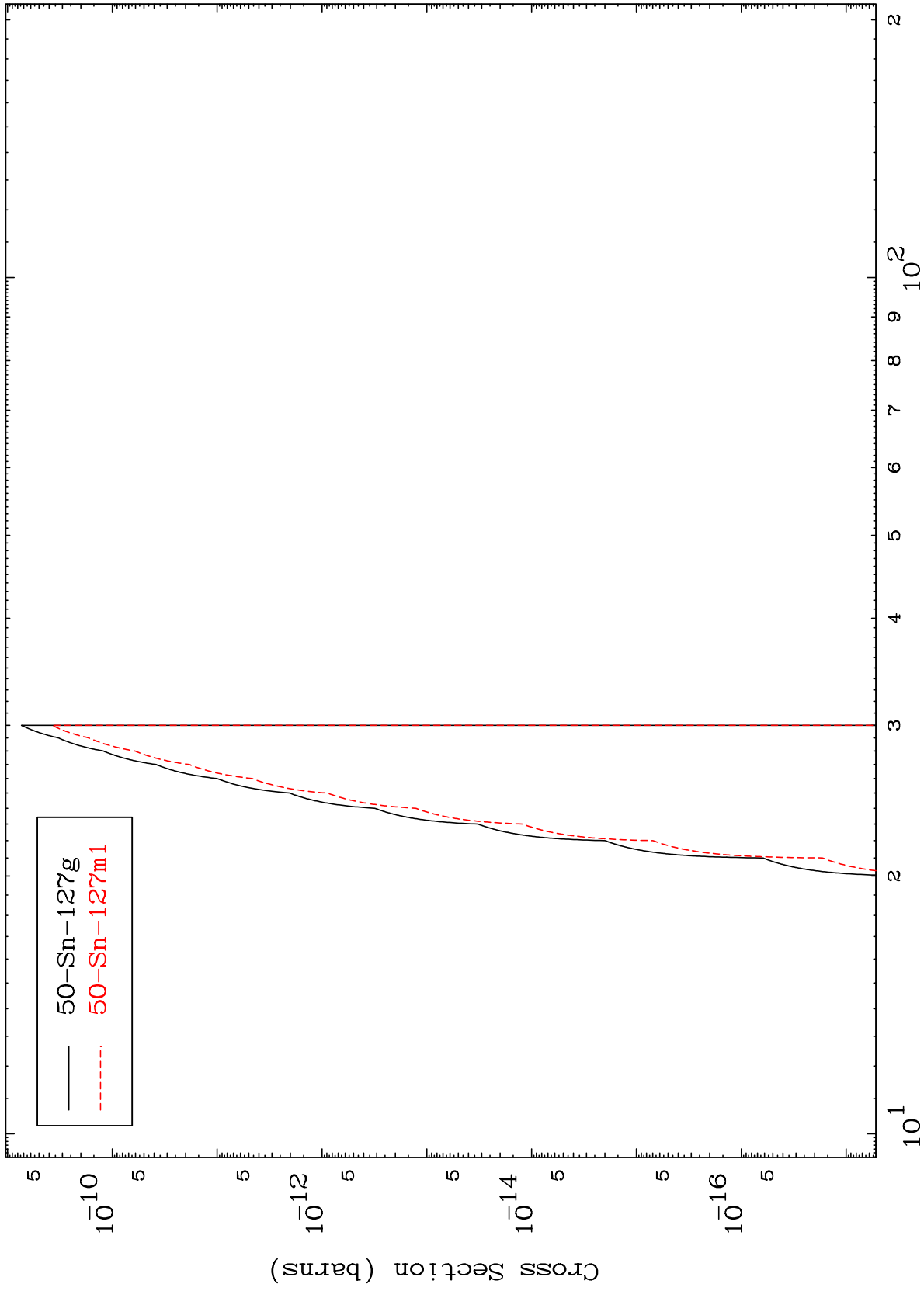


MAT 5340

(n,d) α

53-I -132

Radionuclide Production Cross Section



137

53-I -132