

Program EVALPLOT
(Version 2015-2)

by

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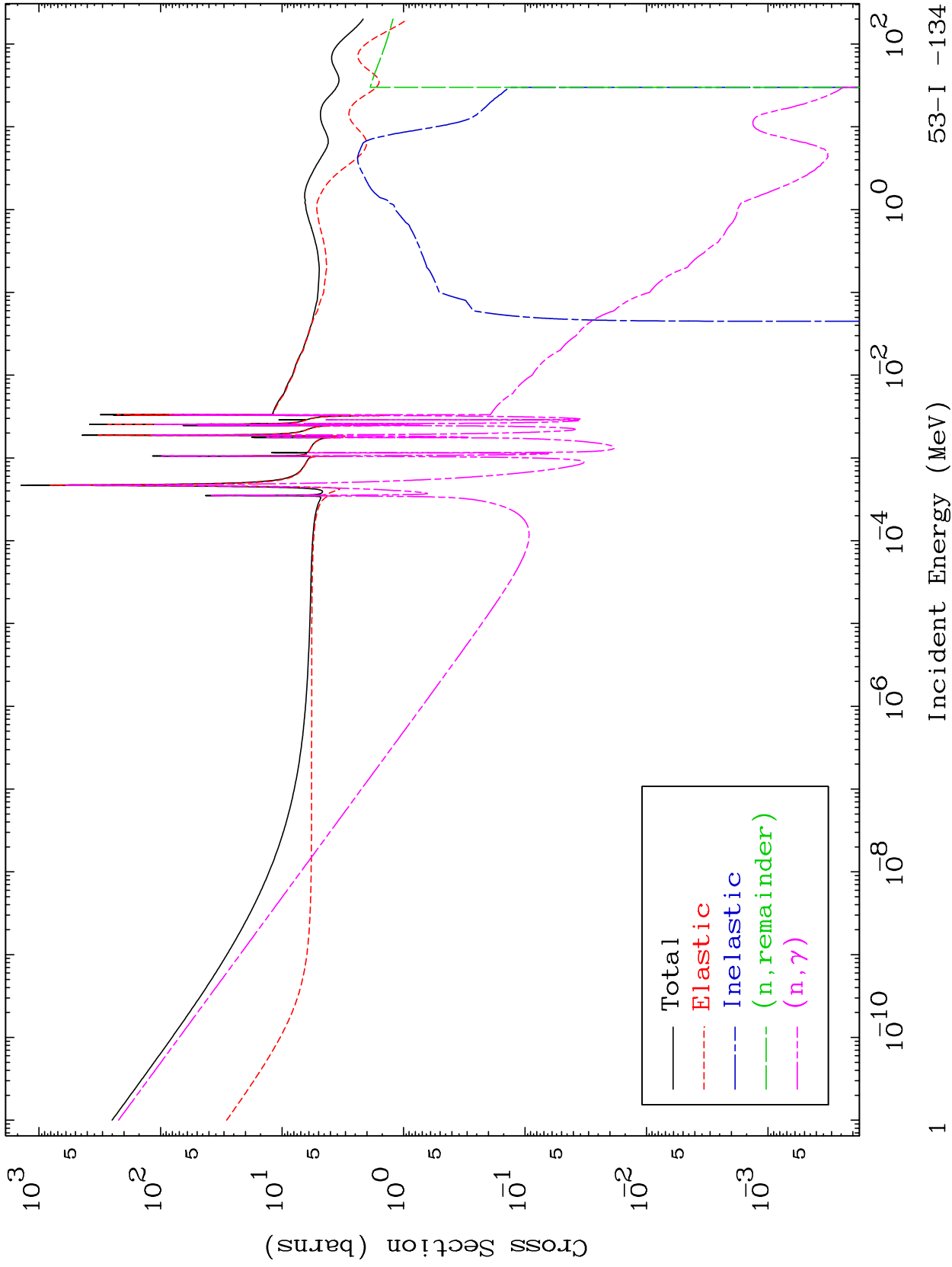
Press Mouse Button to Start

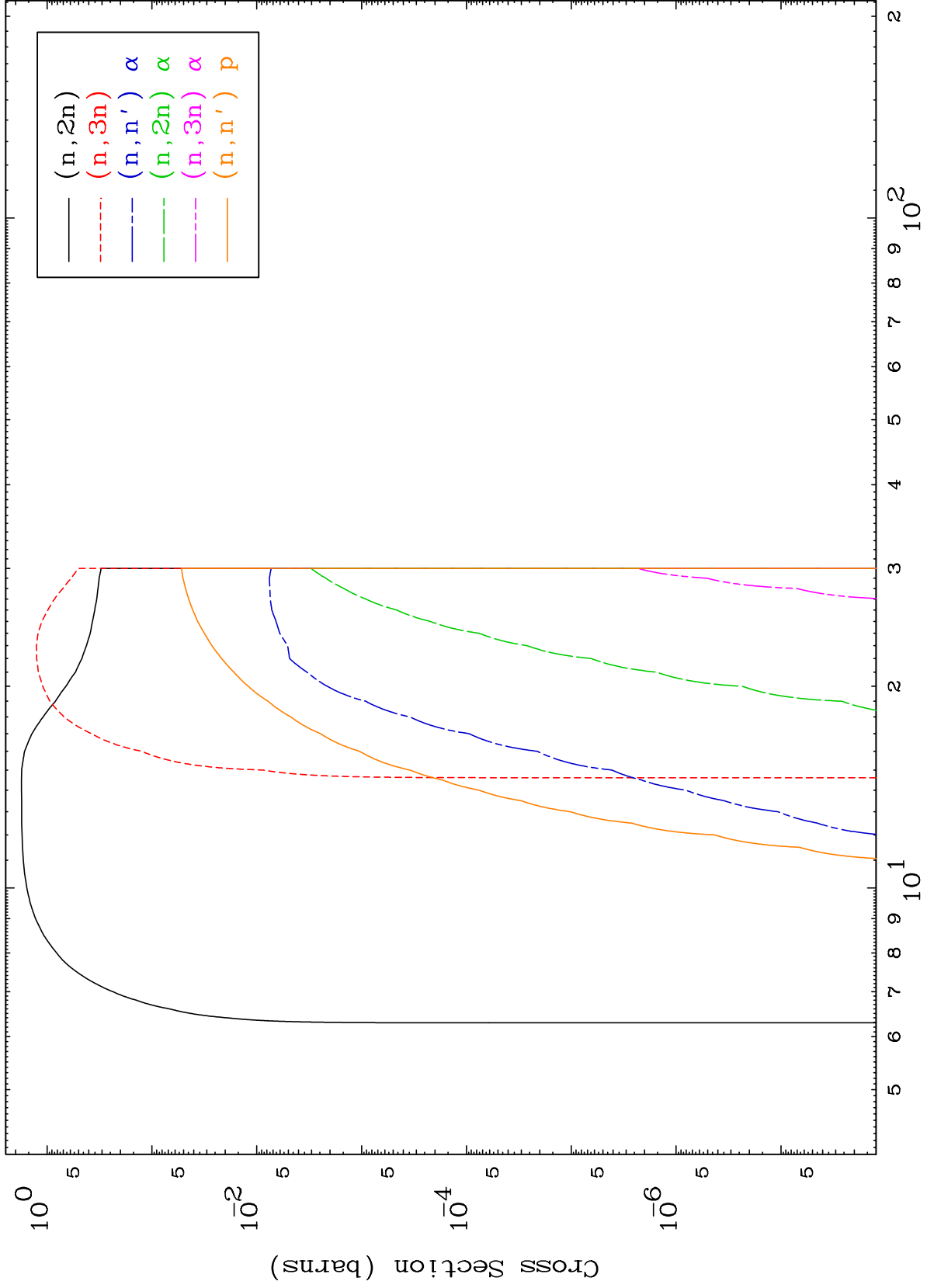
MAT 5346

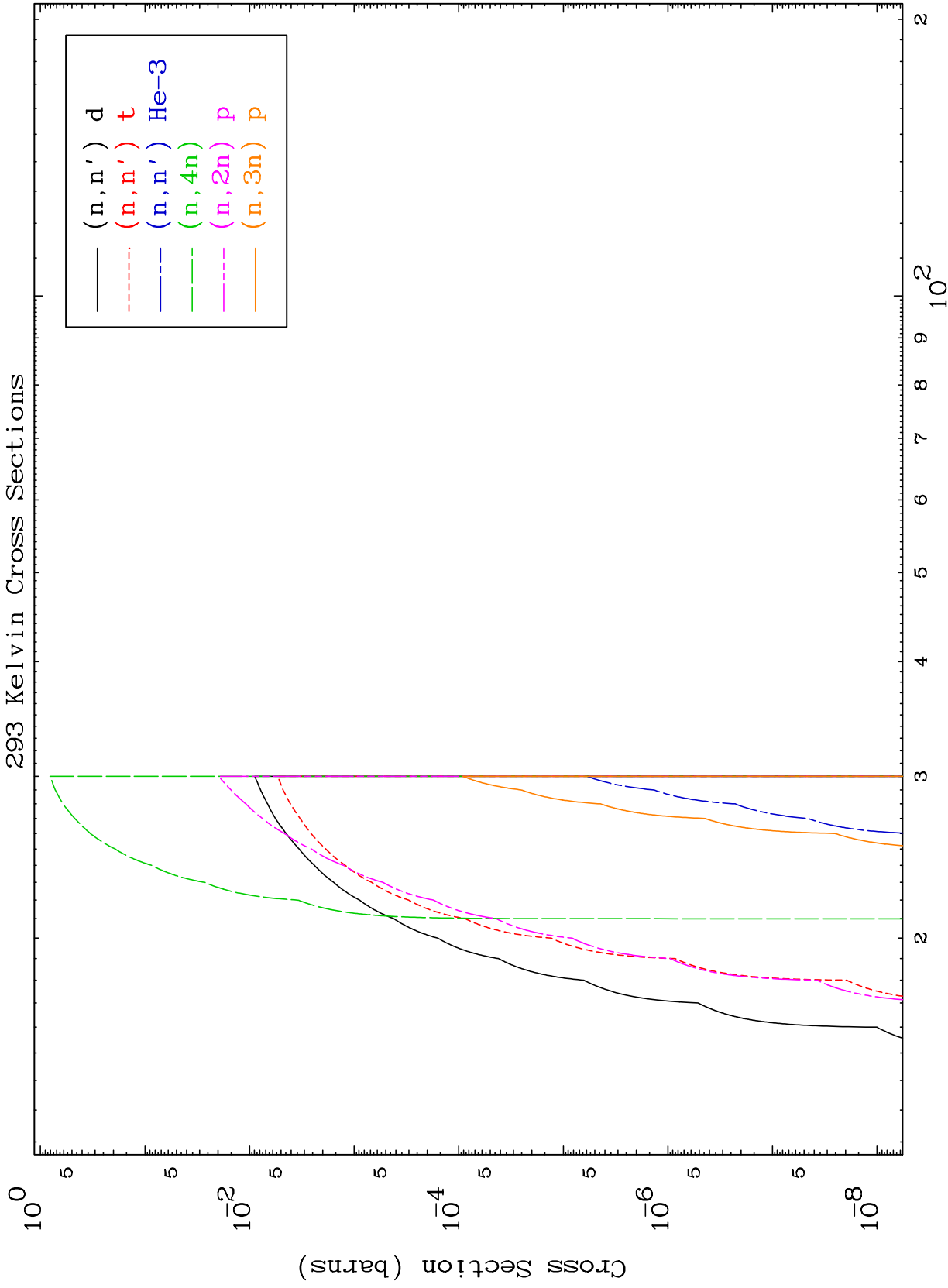
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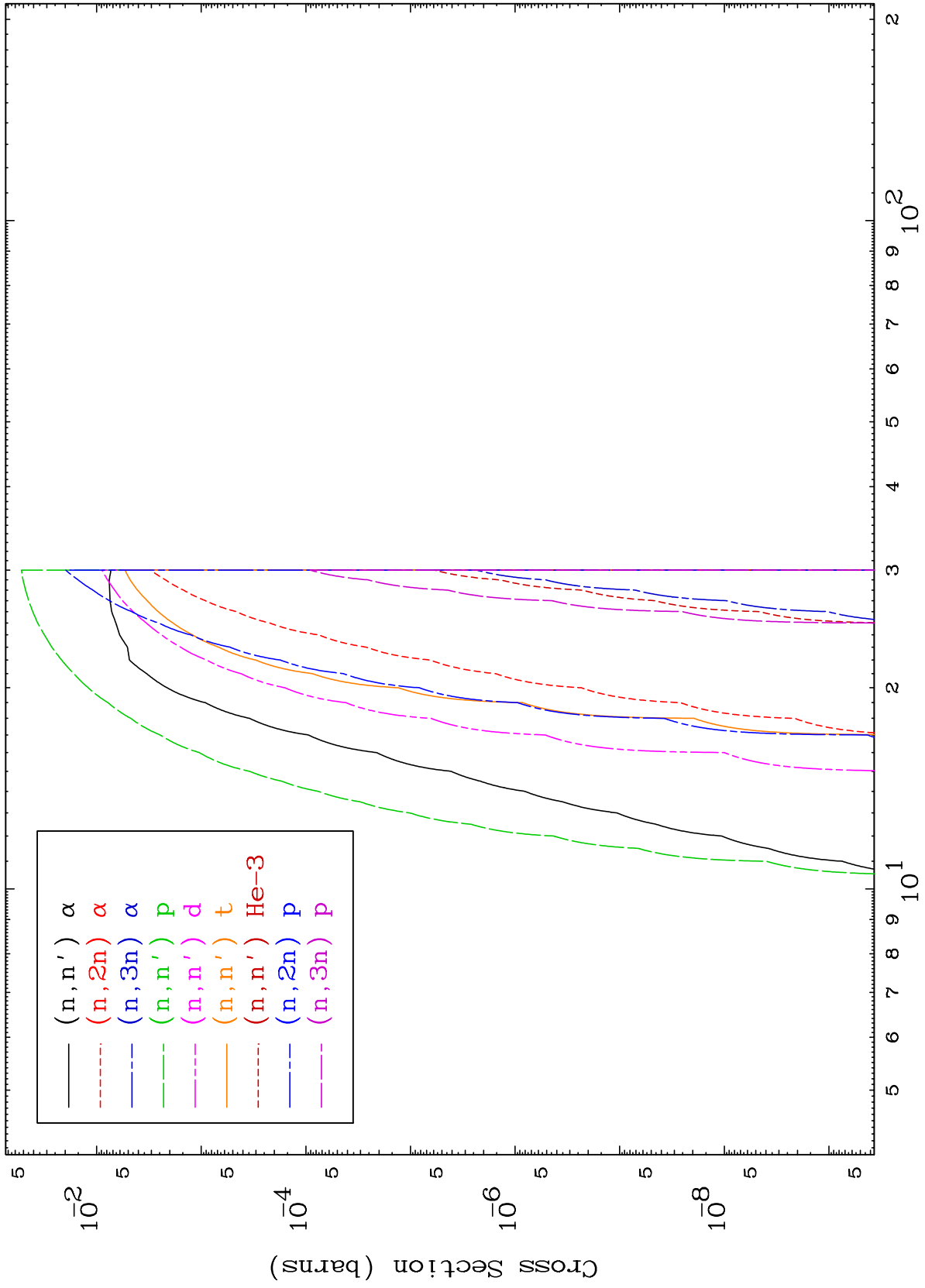
293 Kelvin Cross Sections

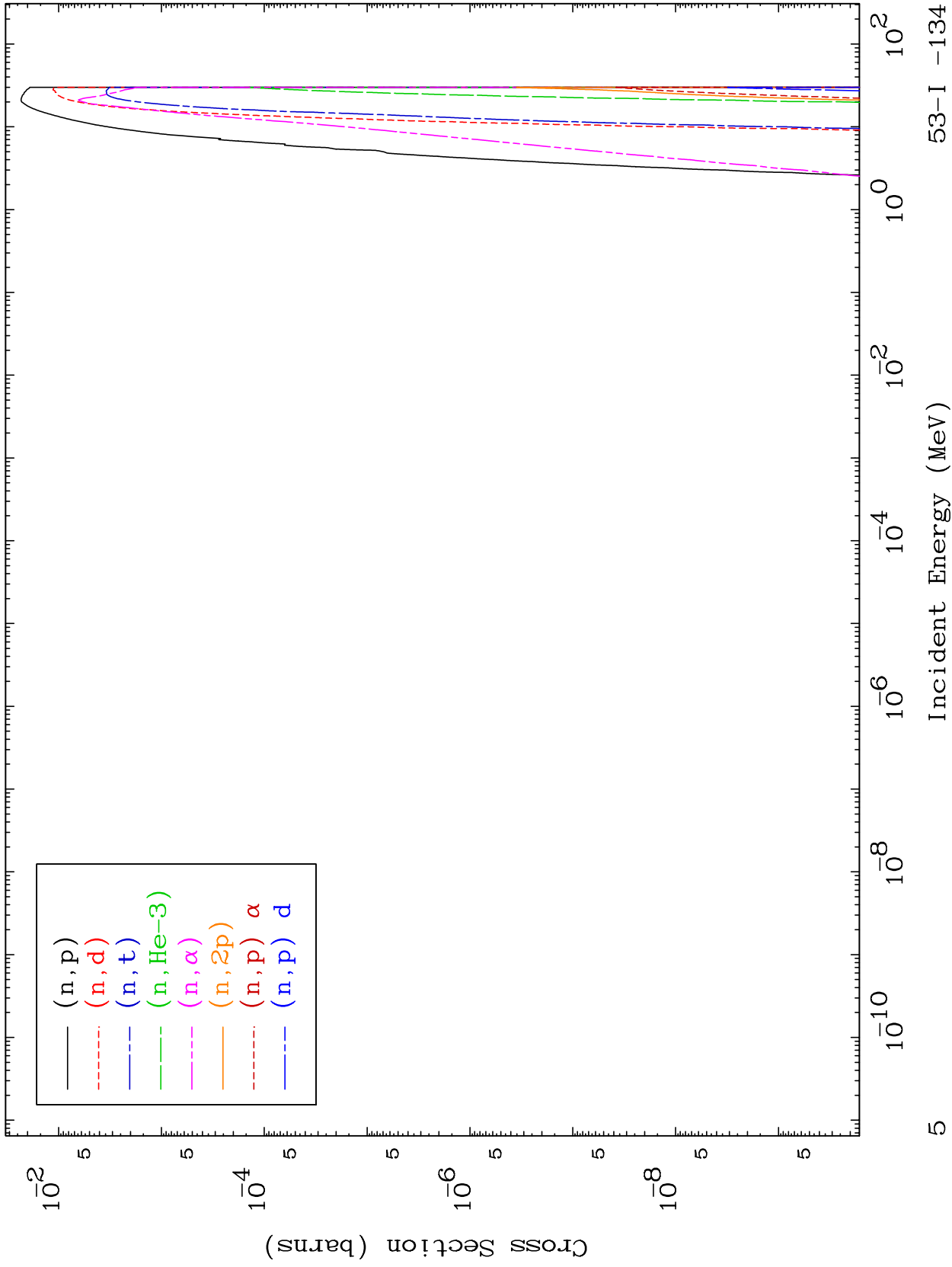
53-I -134

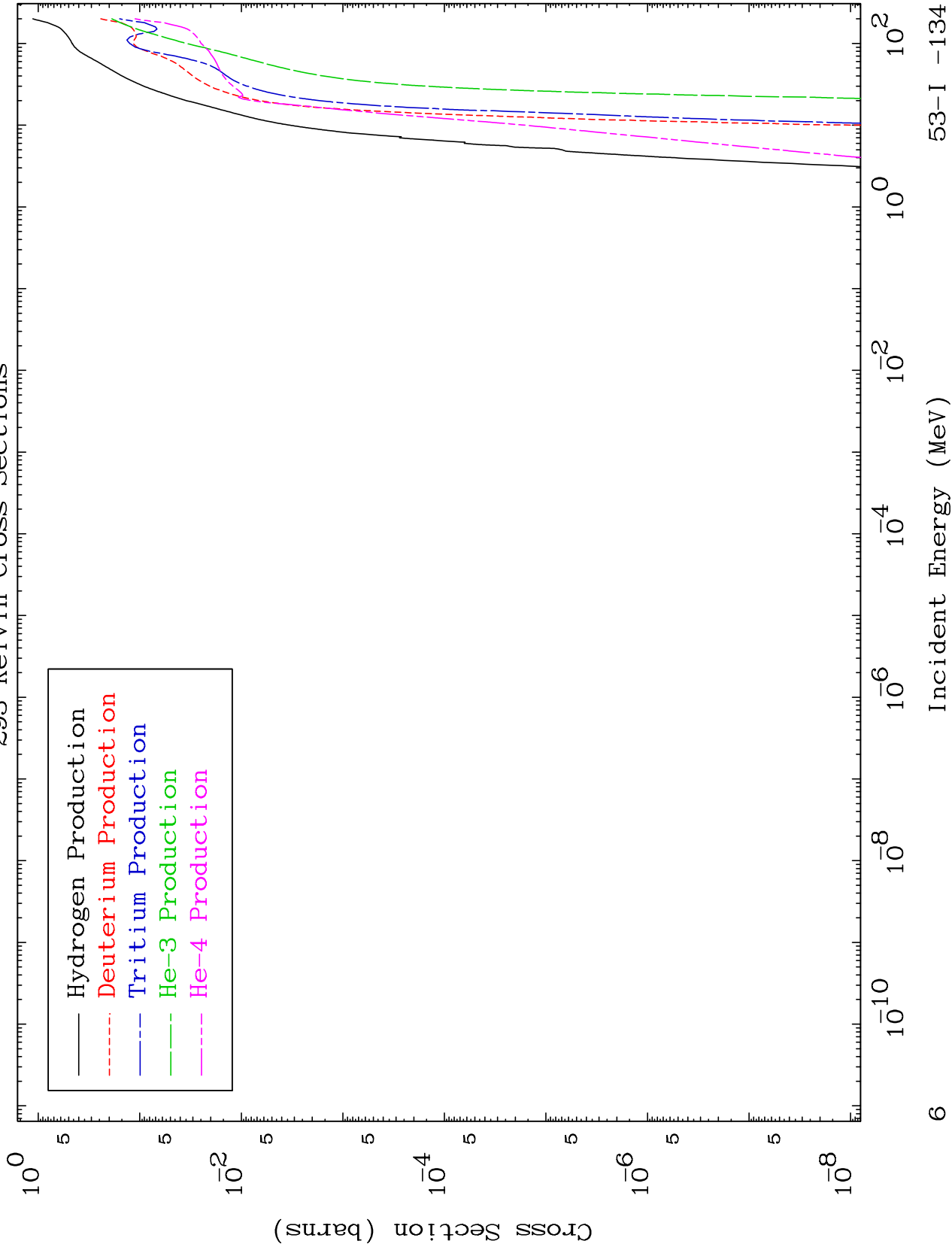


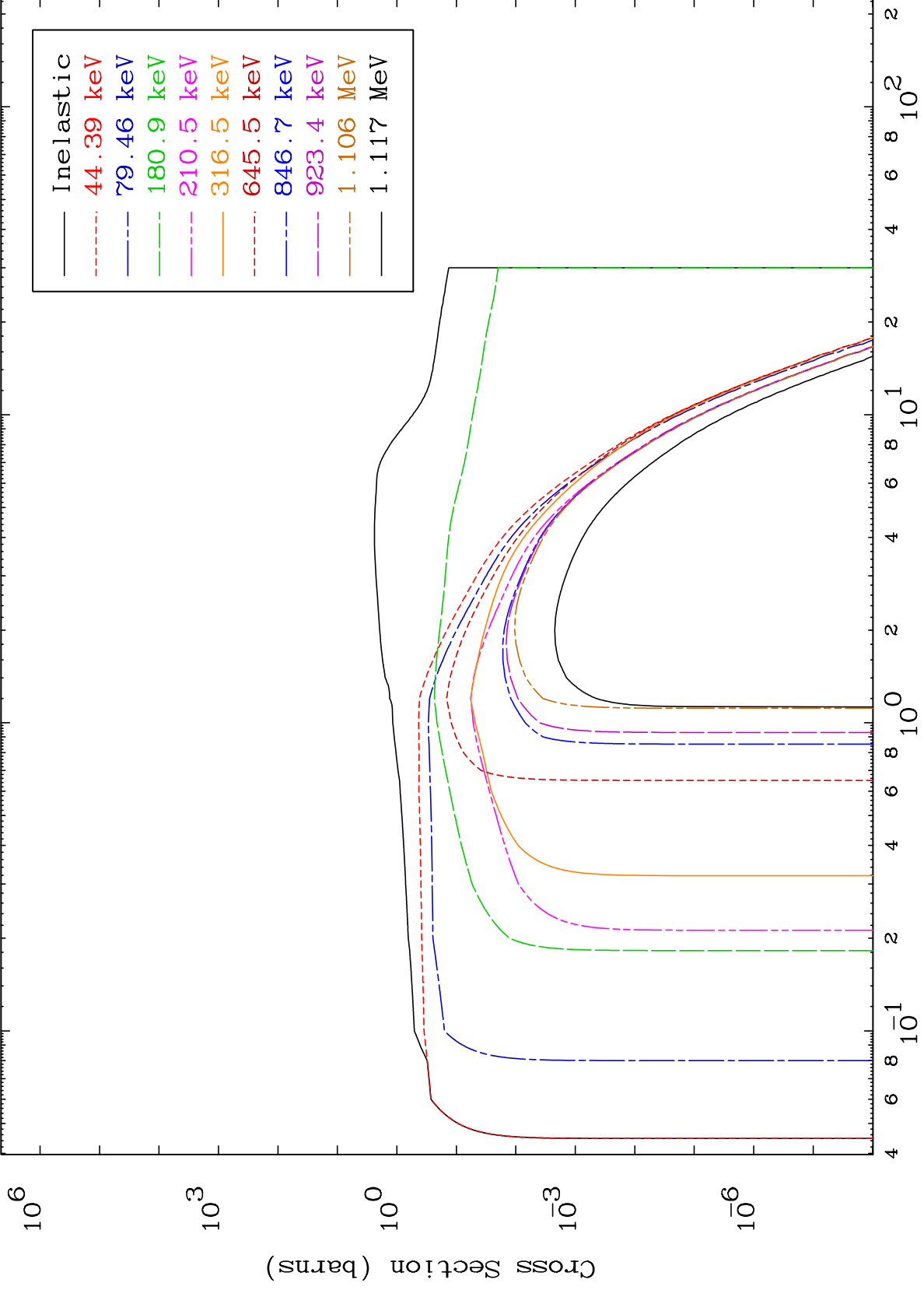








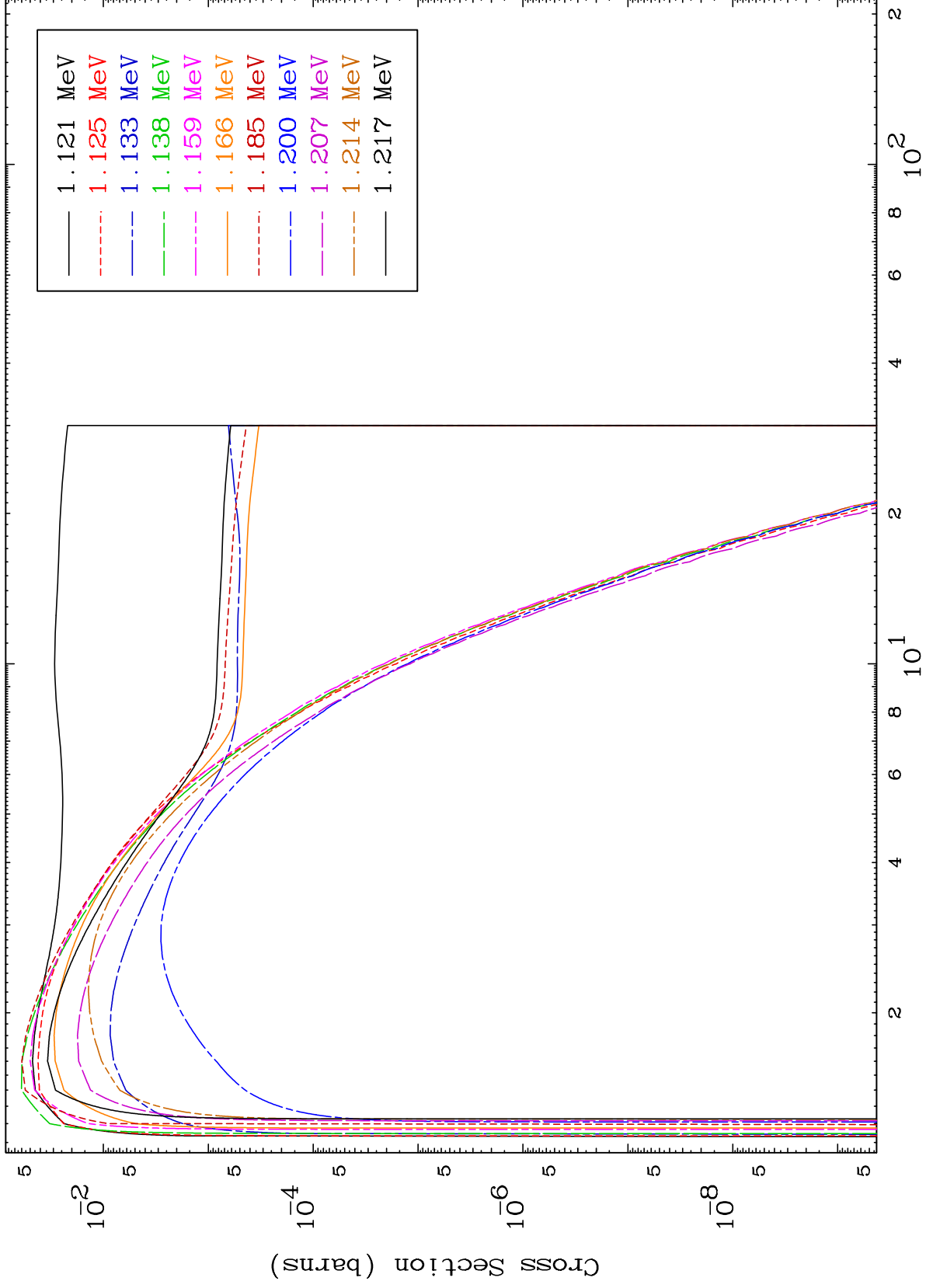




MAT 5346

(n,n') Level
293 Kelvin Cross Sections

53-I -134

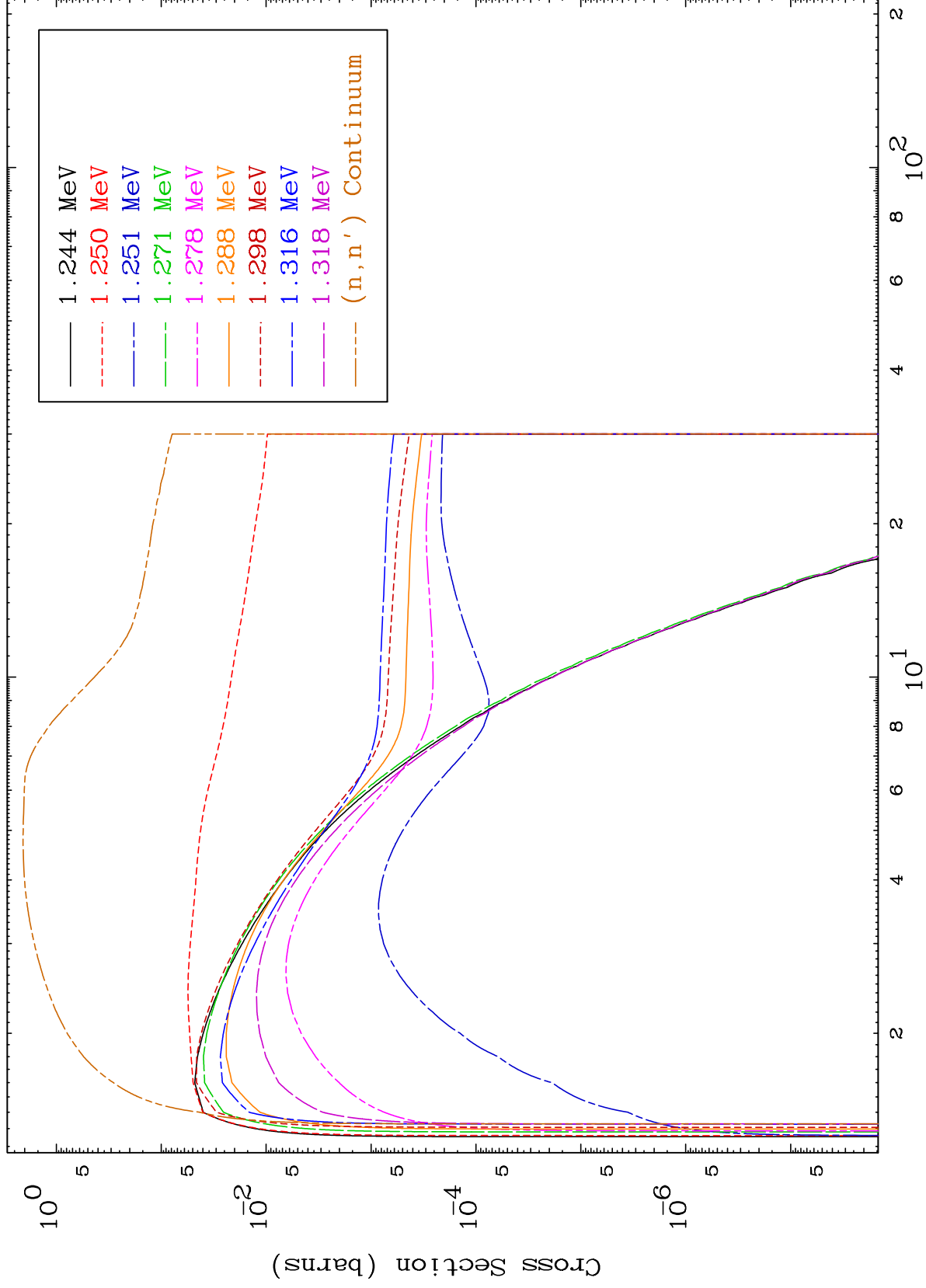


53-I -134

Incident Energy (MeV)

8

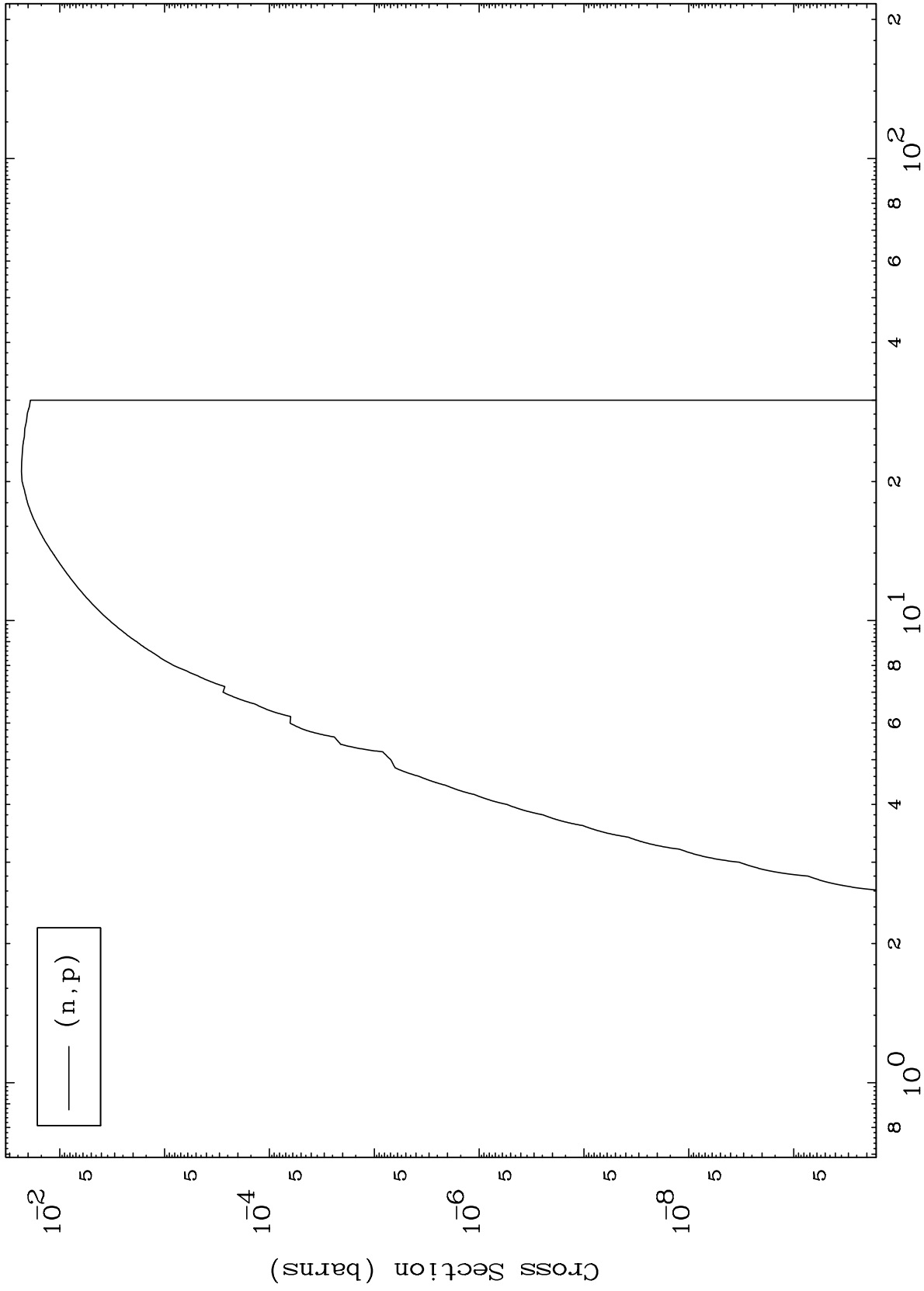
293 Kelvin Cross Sections



MAT 5346

(n,p) Levels
293 Kelvin Cross Sections

53-I -134



53-I -134

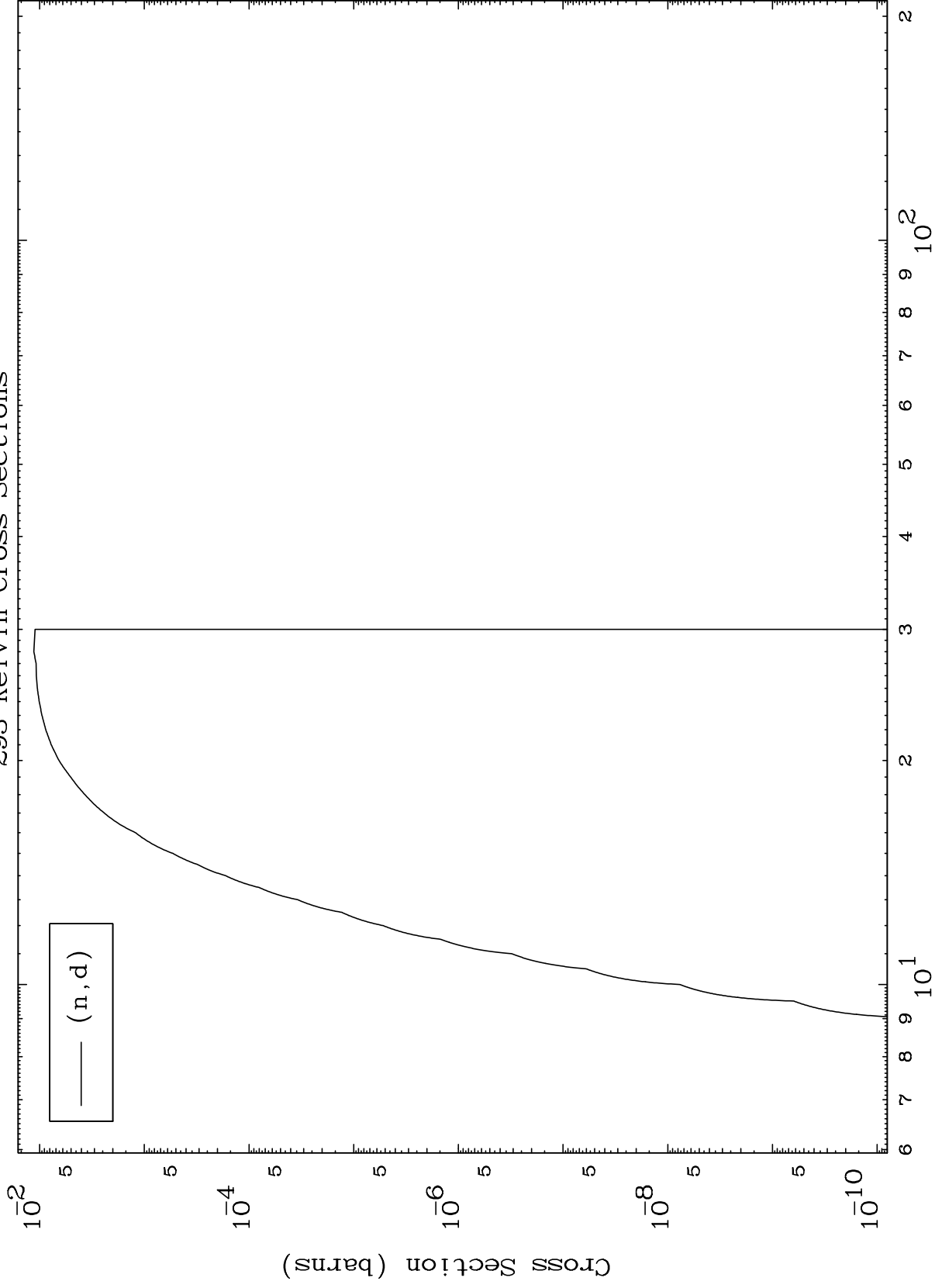
Incident Energy (MeV)

10

MAT 5346

(n,d) Levels
293 Kelvin Cross Sections

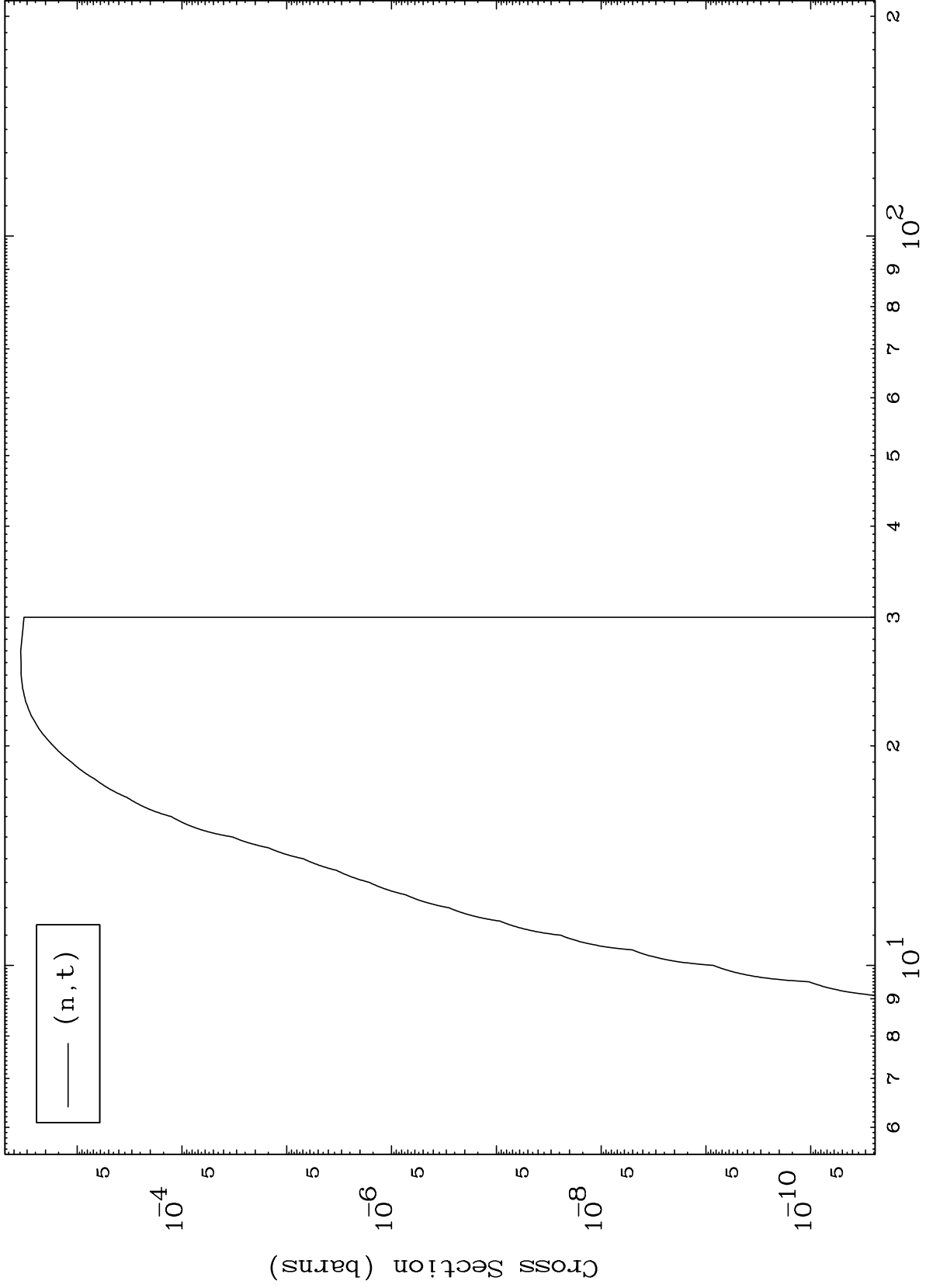
53-I -134

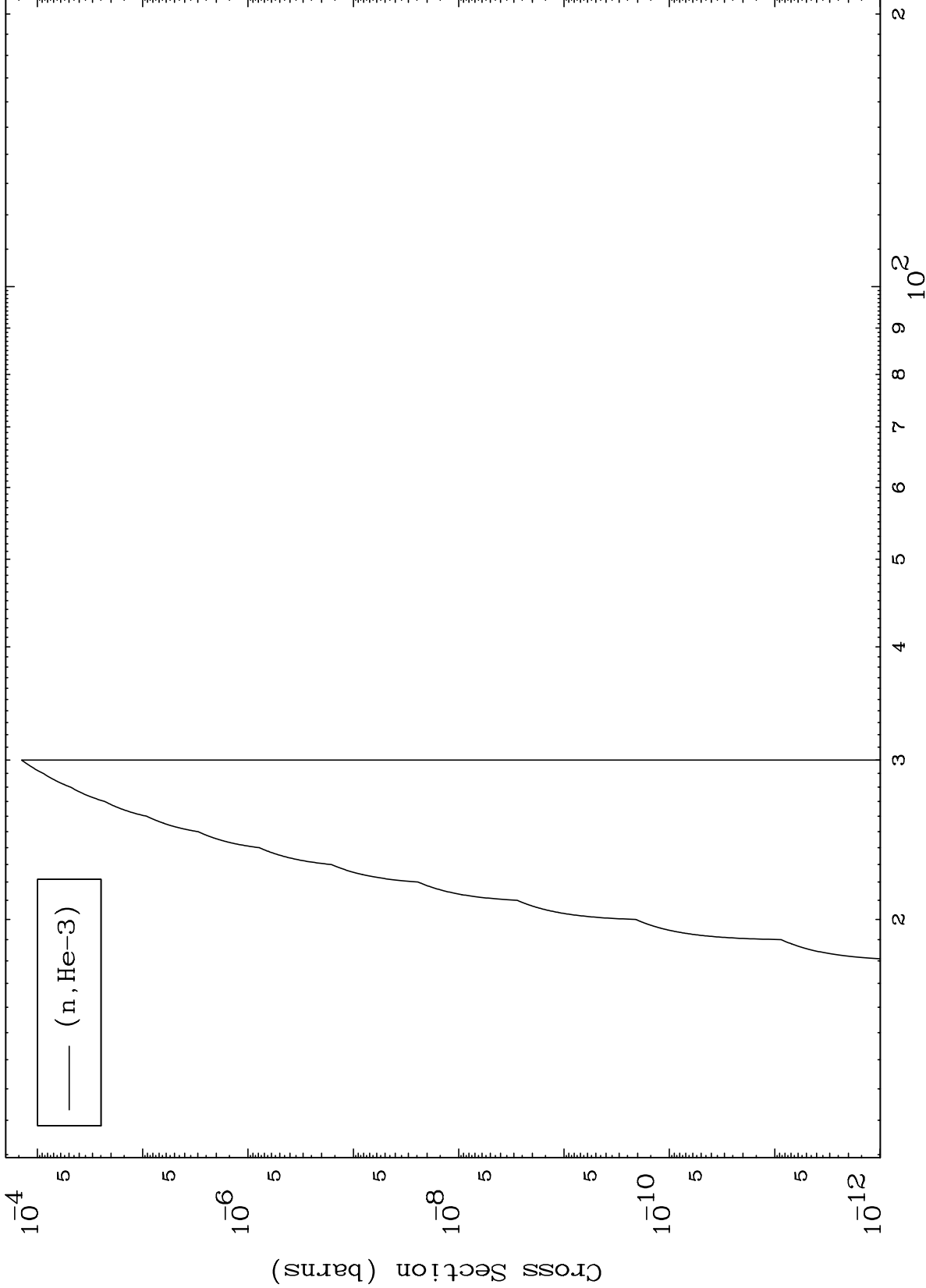


11

Incident Energy (MeV)

53-I -134

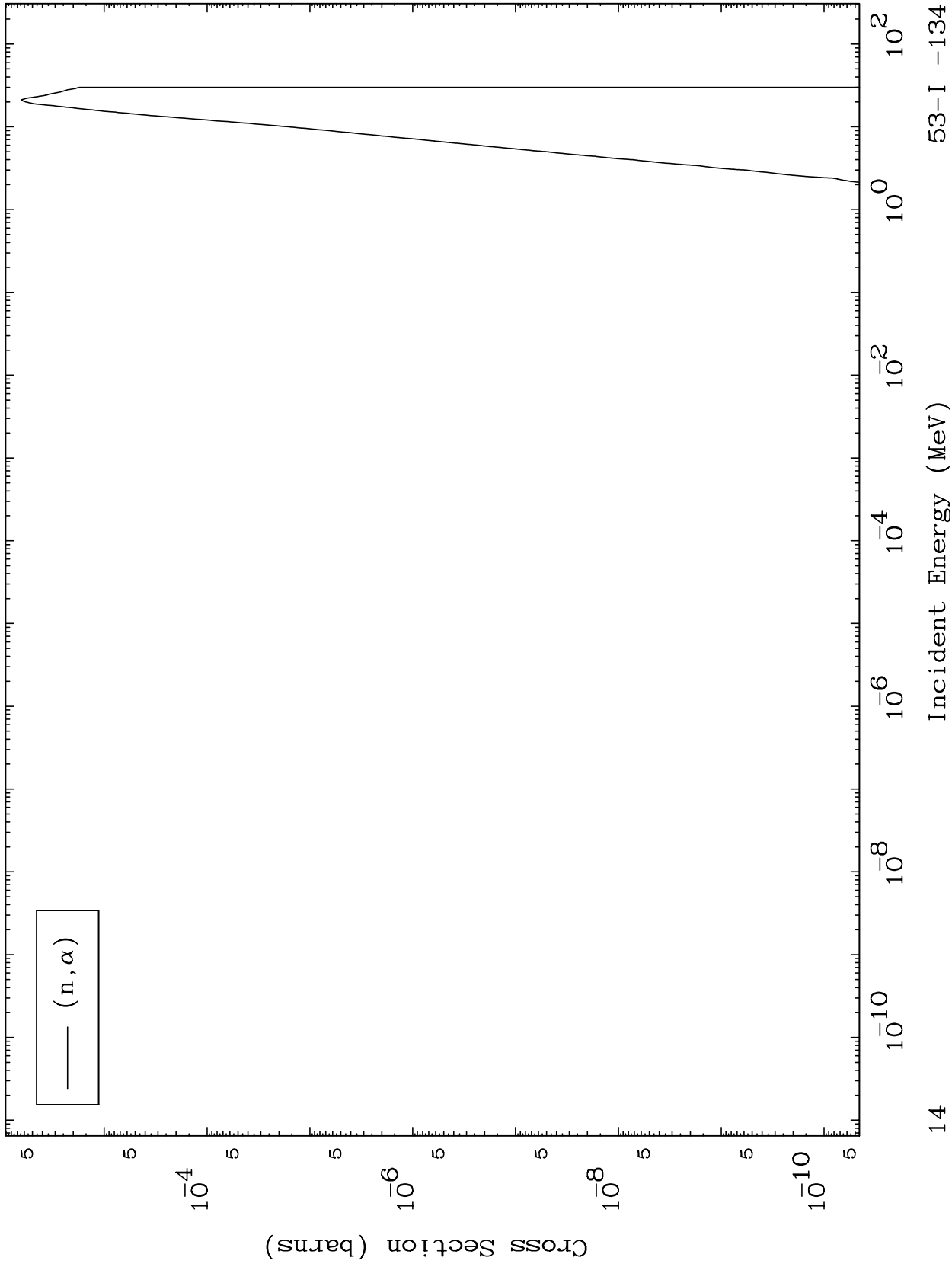


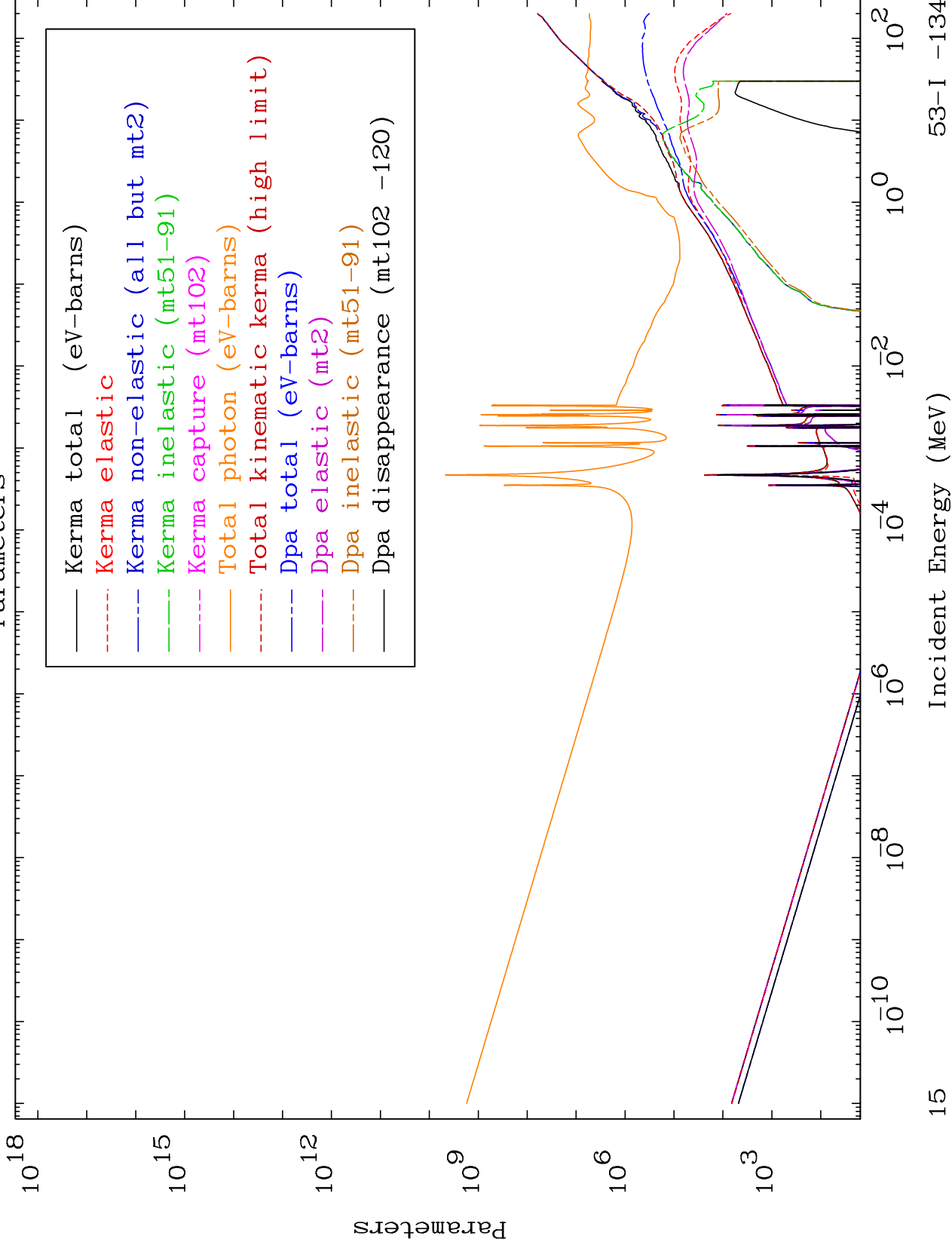


MAT 5346

(n, α) Levels
293 Kelvin Cross Sections

53-I -134

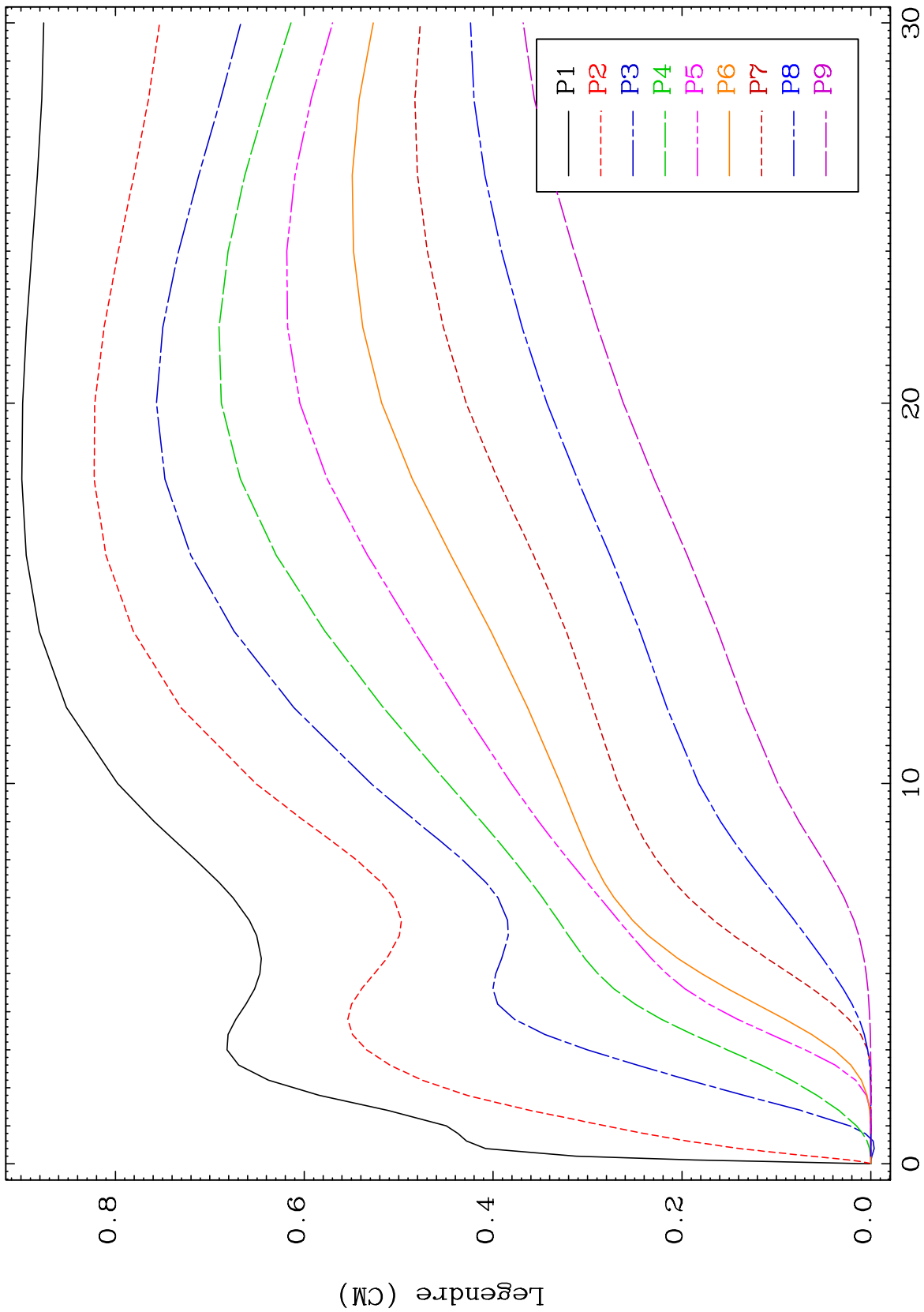




MAT 5346

Elastic Legendre Coefficients

53-I -134



16

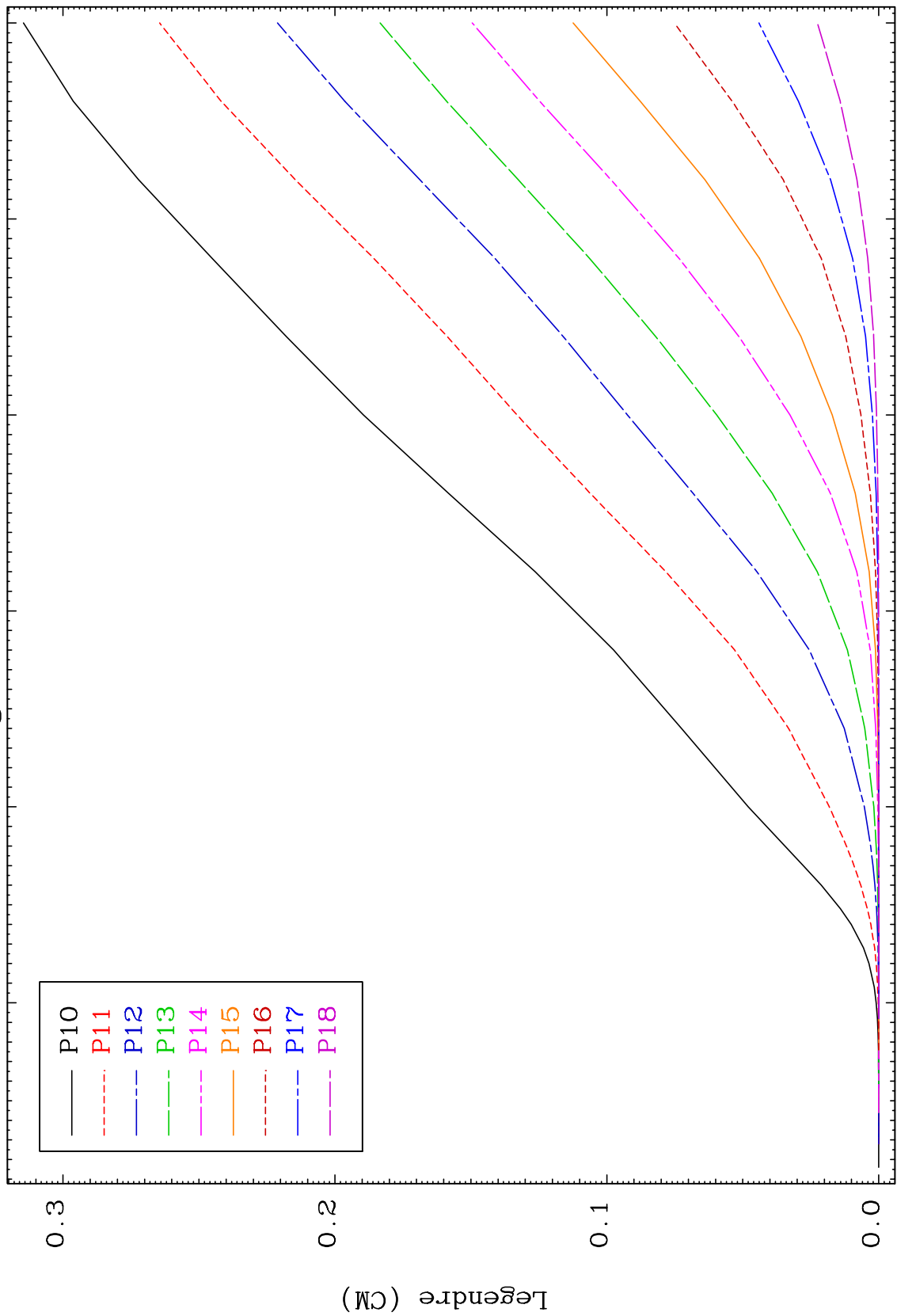
Incident Energy (MeV)

53-I -134

MAT 5346

Elastic Legendre Coefficients

53-I -134



17

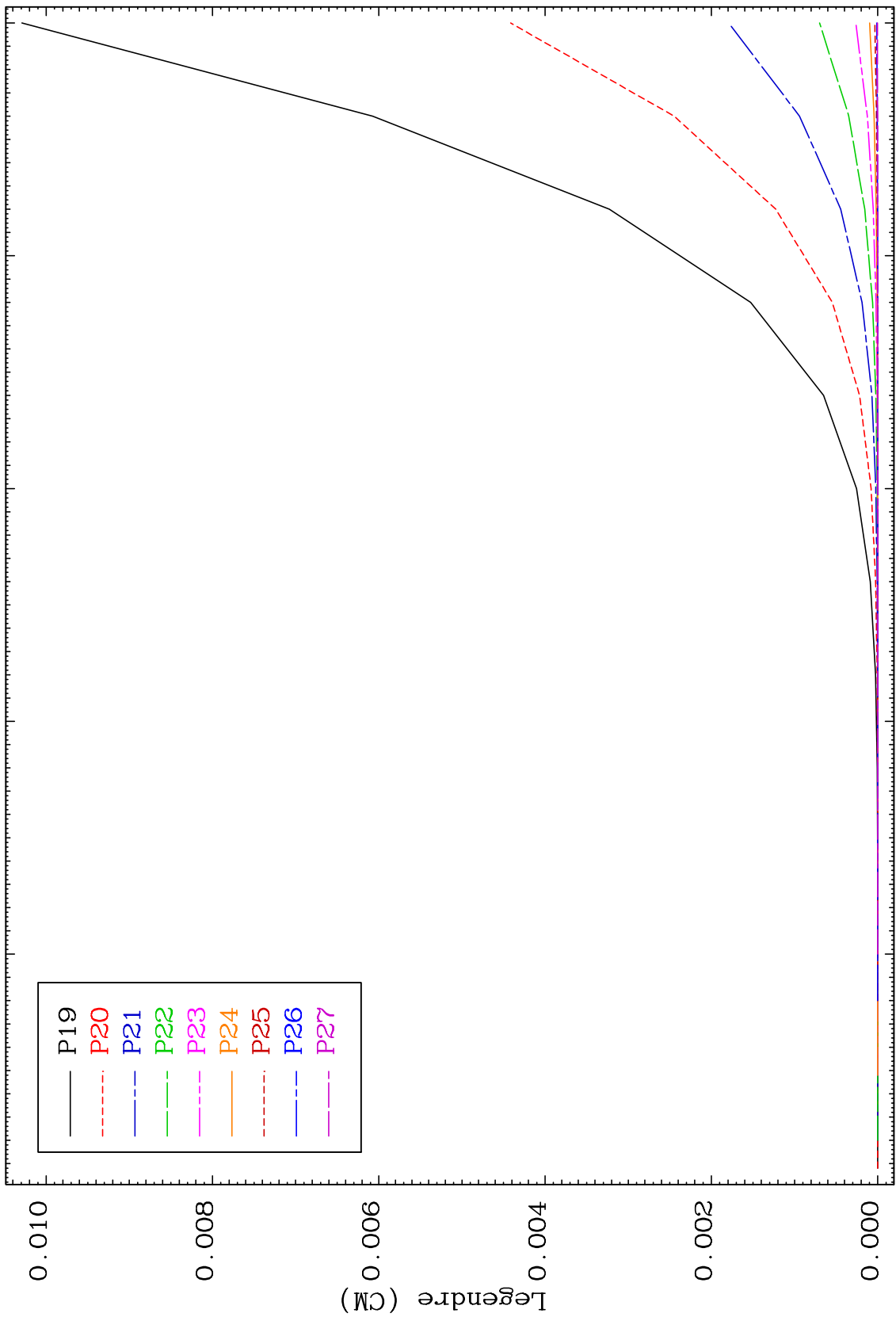
Incident Energy (MeV)

53-I -134

MAT 5346

Elastic Legendre Coefficients

53-I -134



18

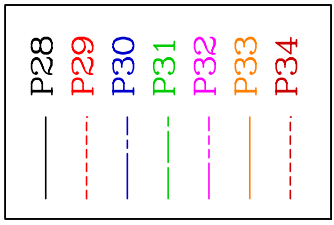
Incident Energy (MeV)

53-I -134

MAT 5346

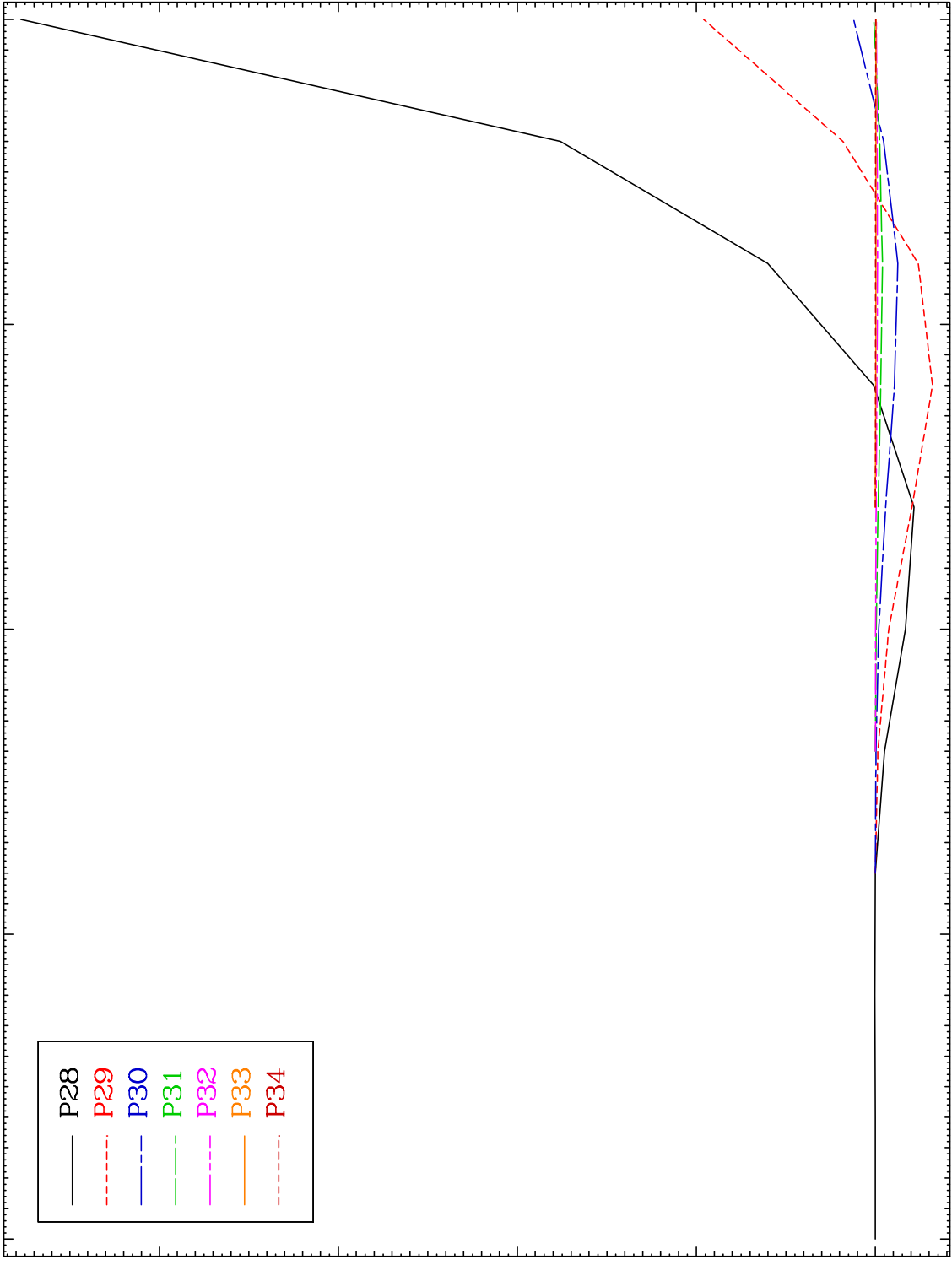
Elastic Legendre Coefficients

53-I -134



$\times 10^{-7}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

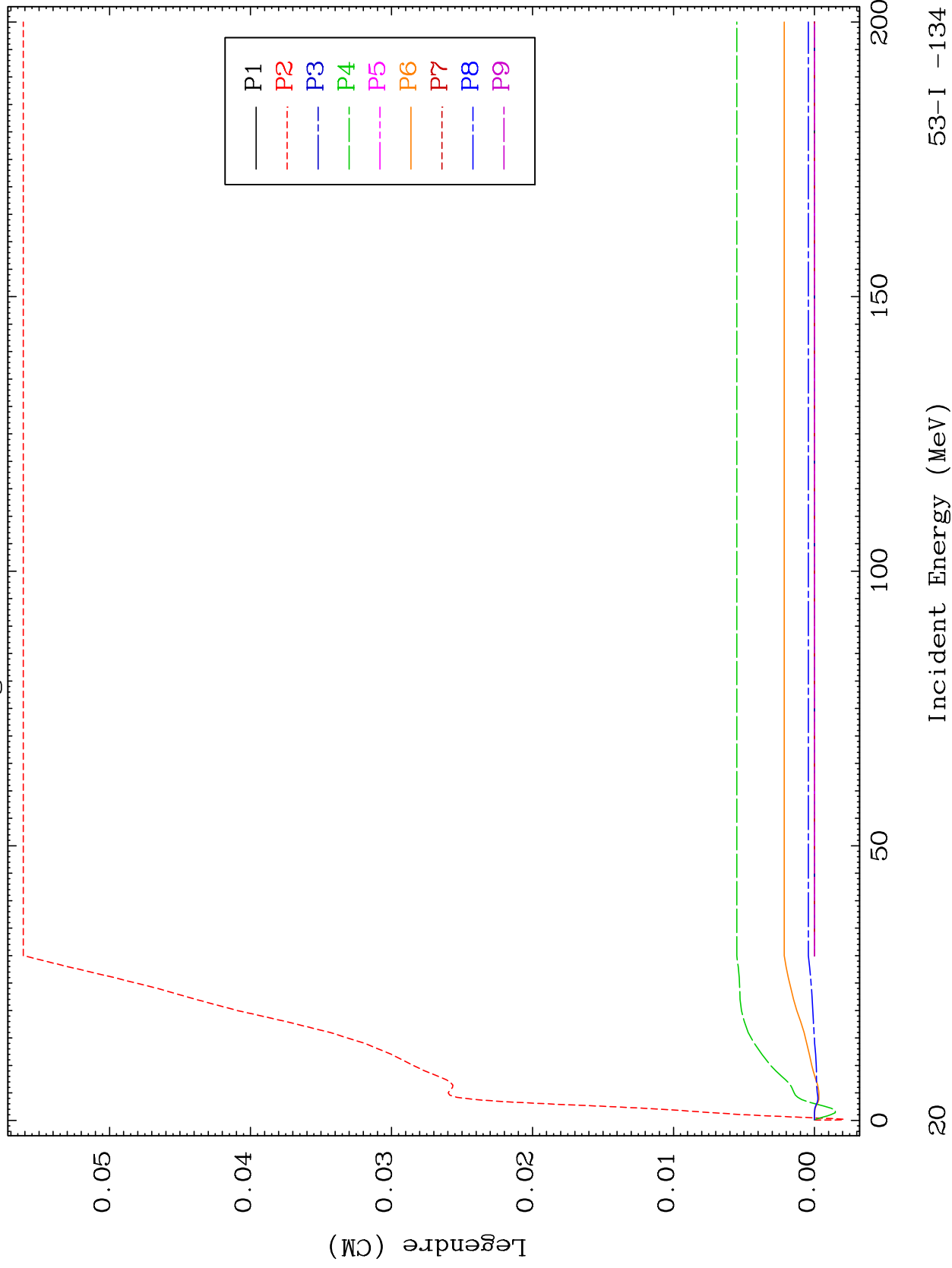
53-I -134

19

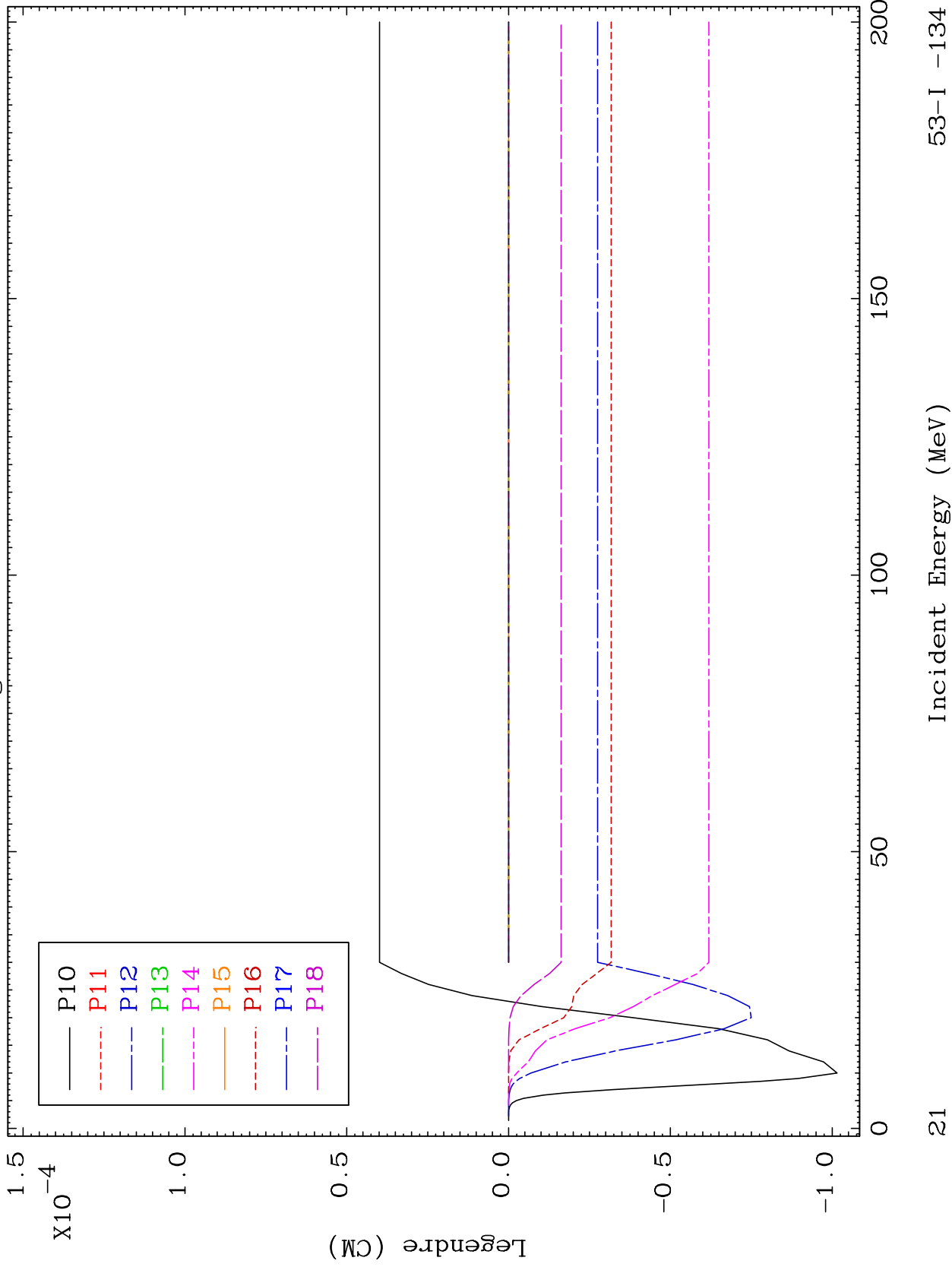
MAT 5346

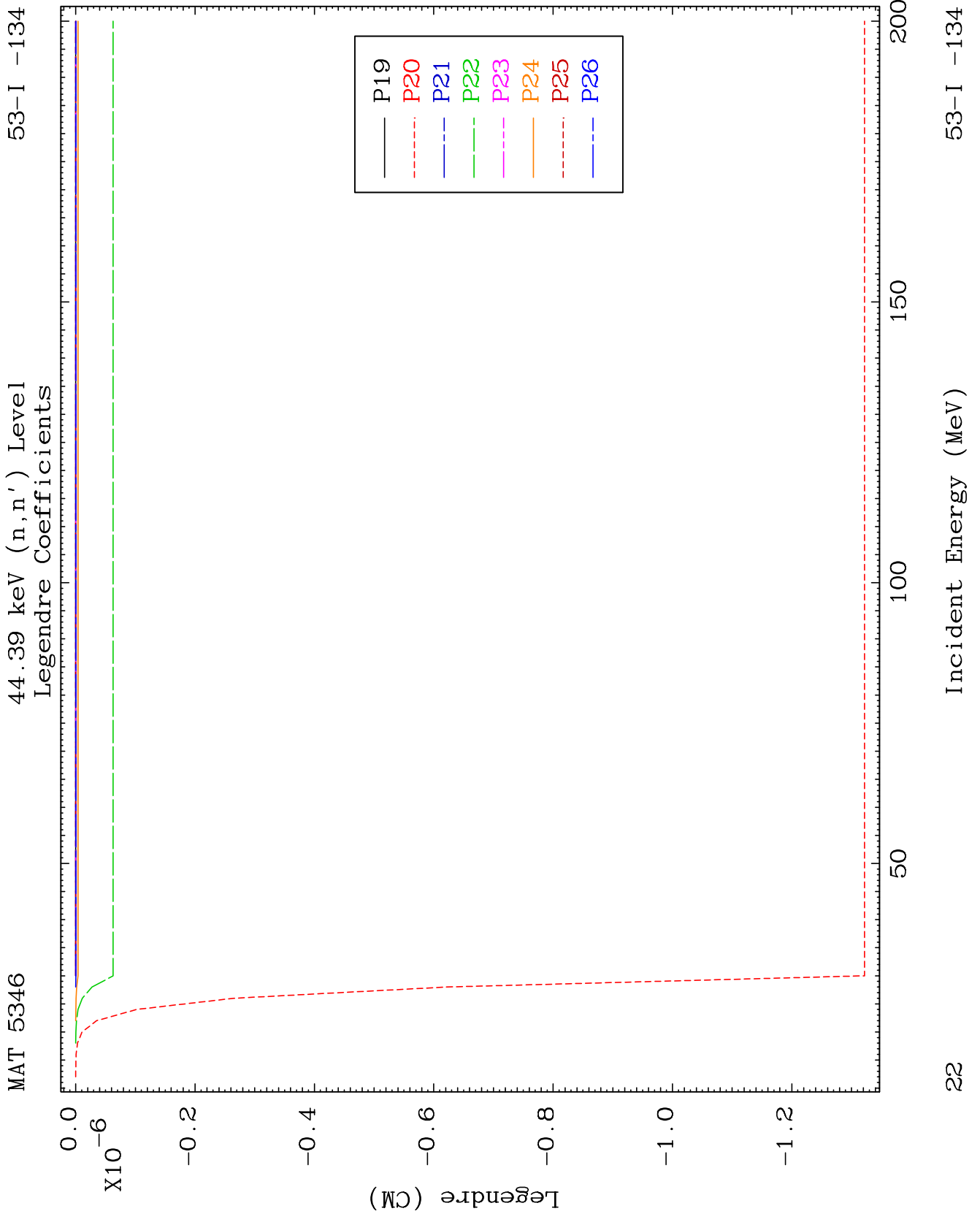
44.39 keV (n,n') Level
Legendre Coefficients

53-I -134



53-I -134

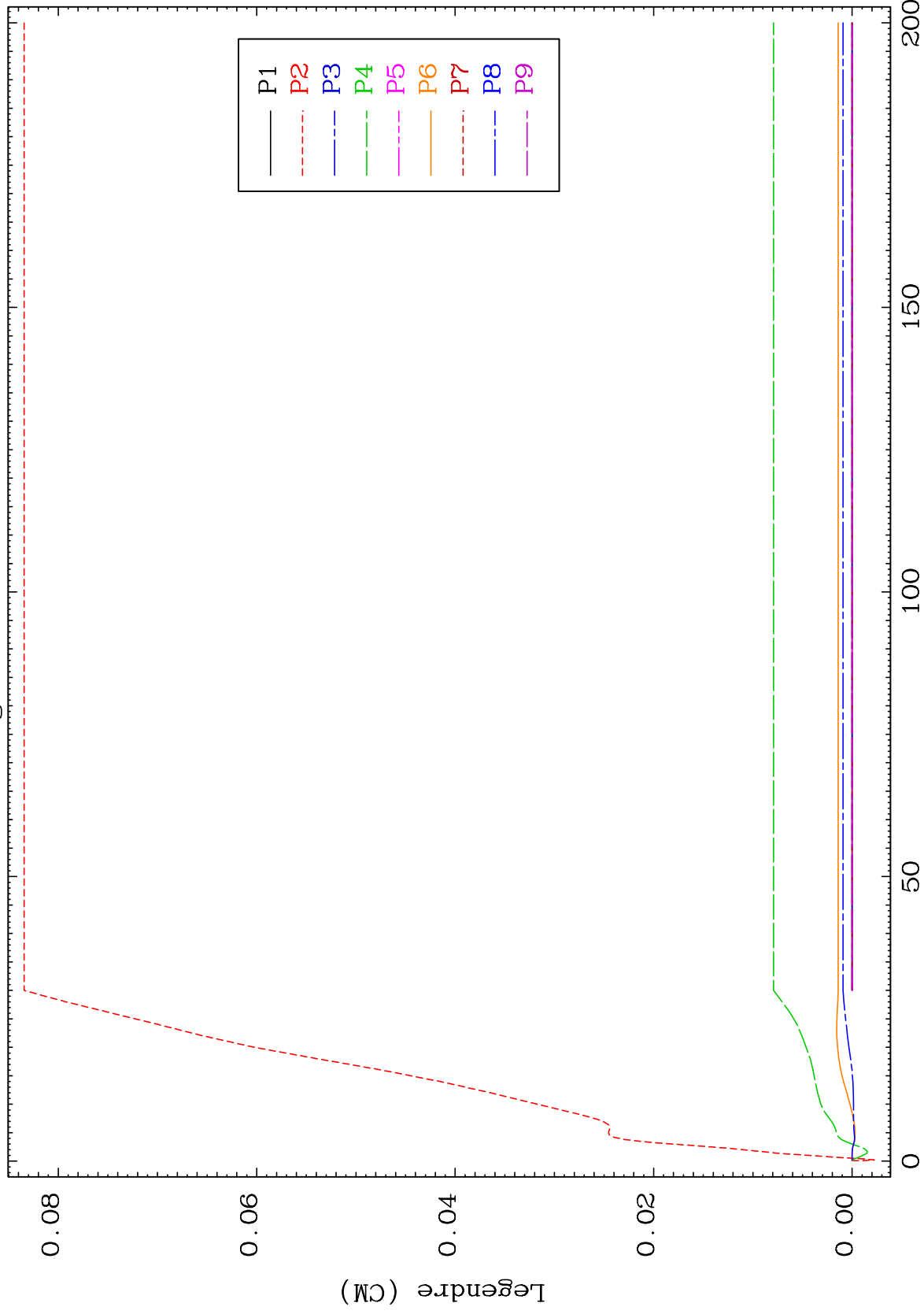




MAT 5346

79.46 keV (n,n') Level
Legendre Coefficients

53-I -134



23

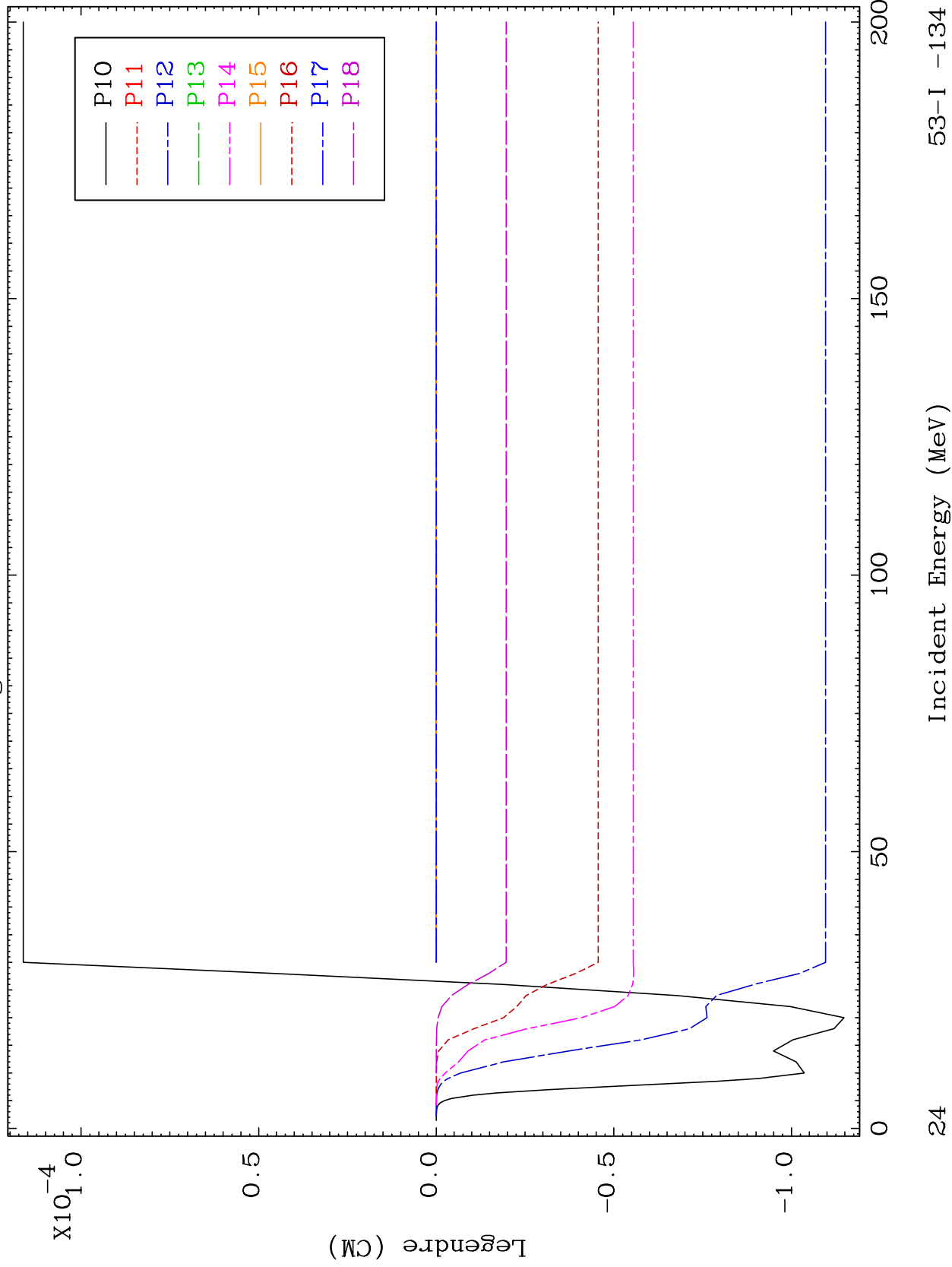
Incident Energy (MeV)

53-I -134

MAT 5346

79.46 keV (n,n') Level
Legendre Coefficients

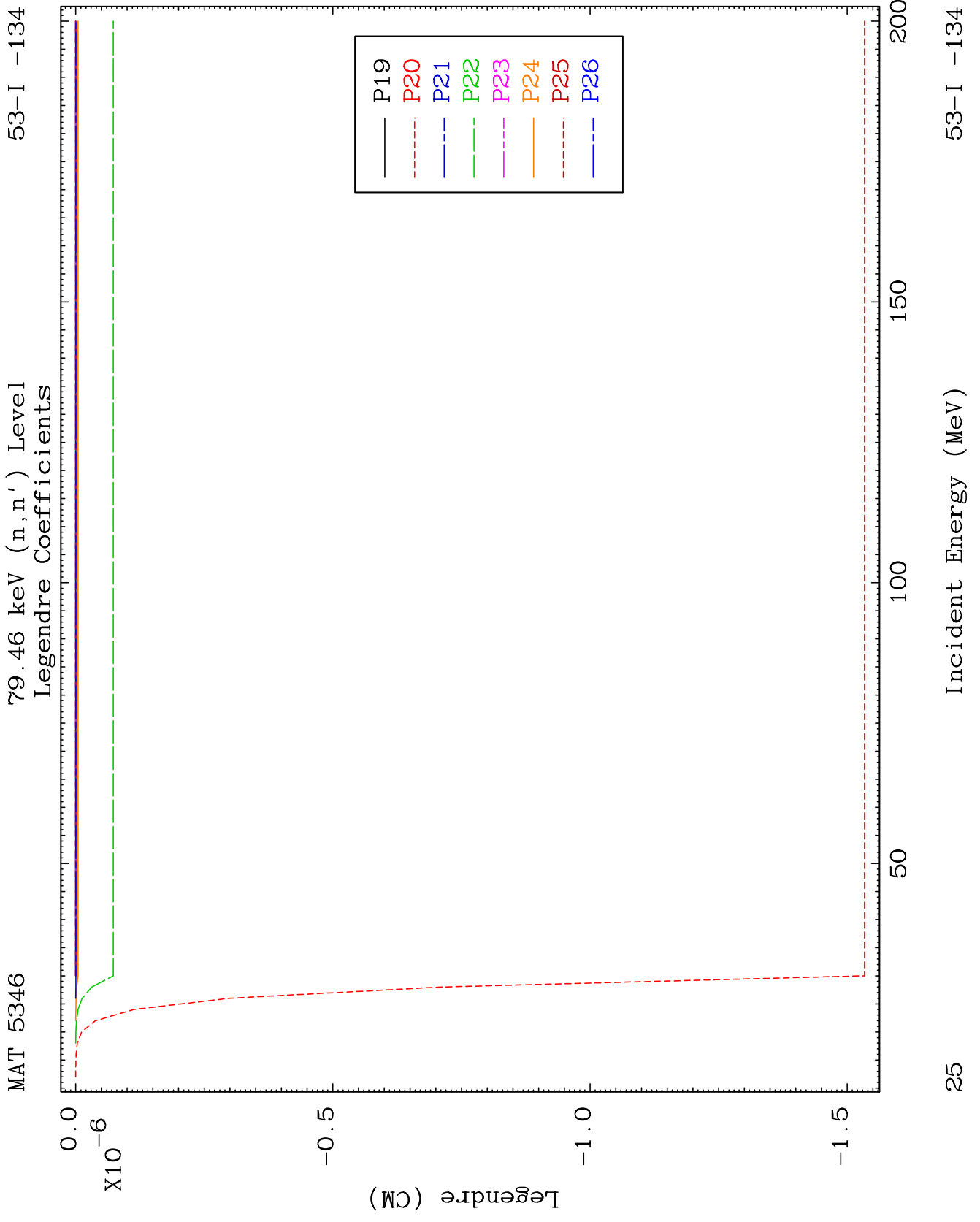
53-I -134

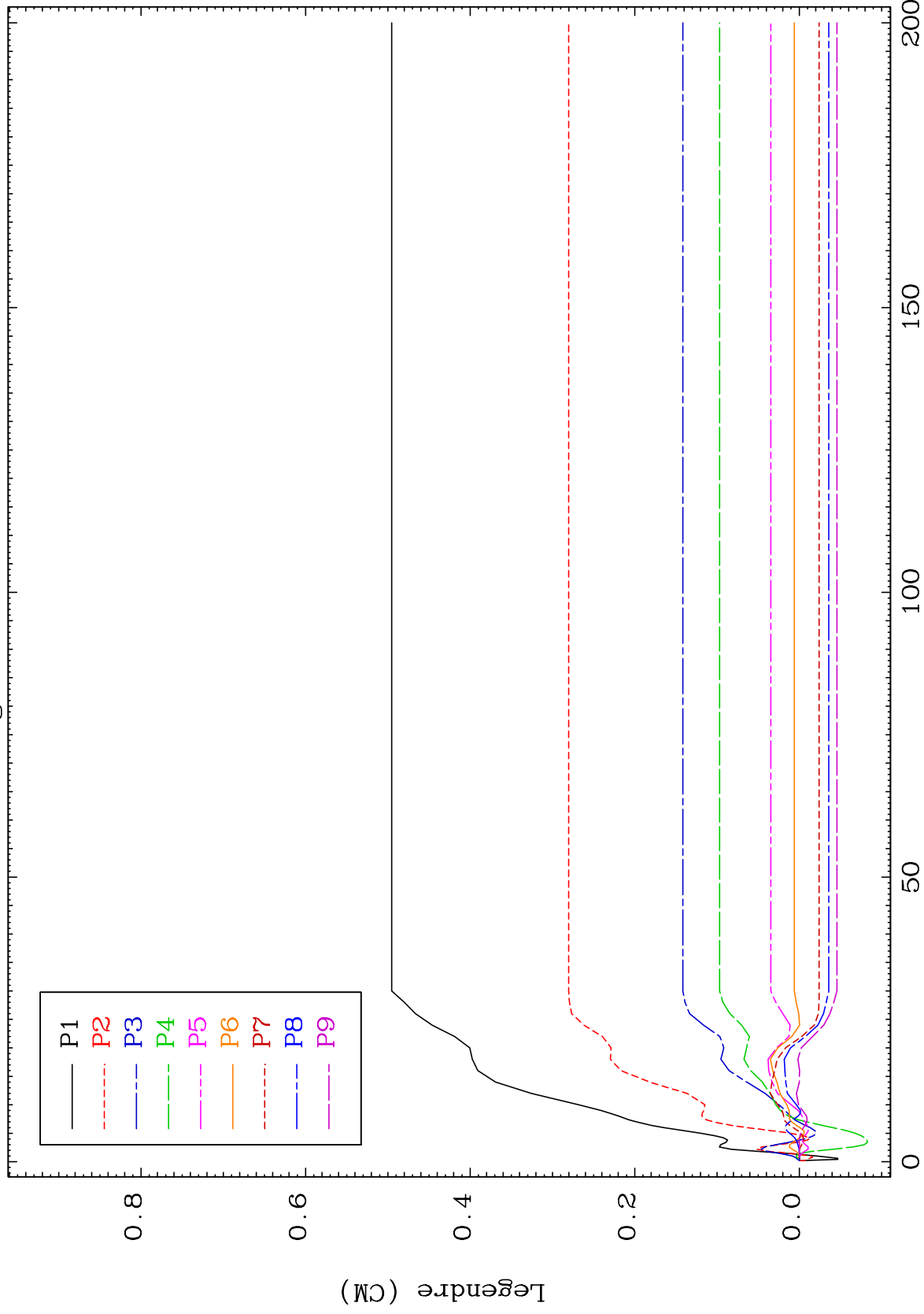


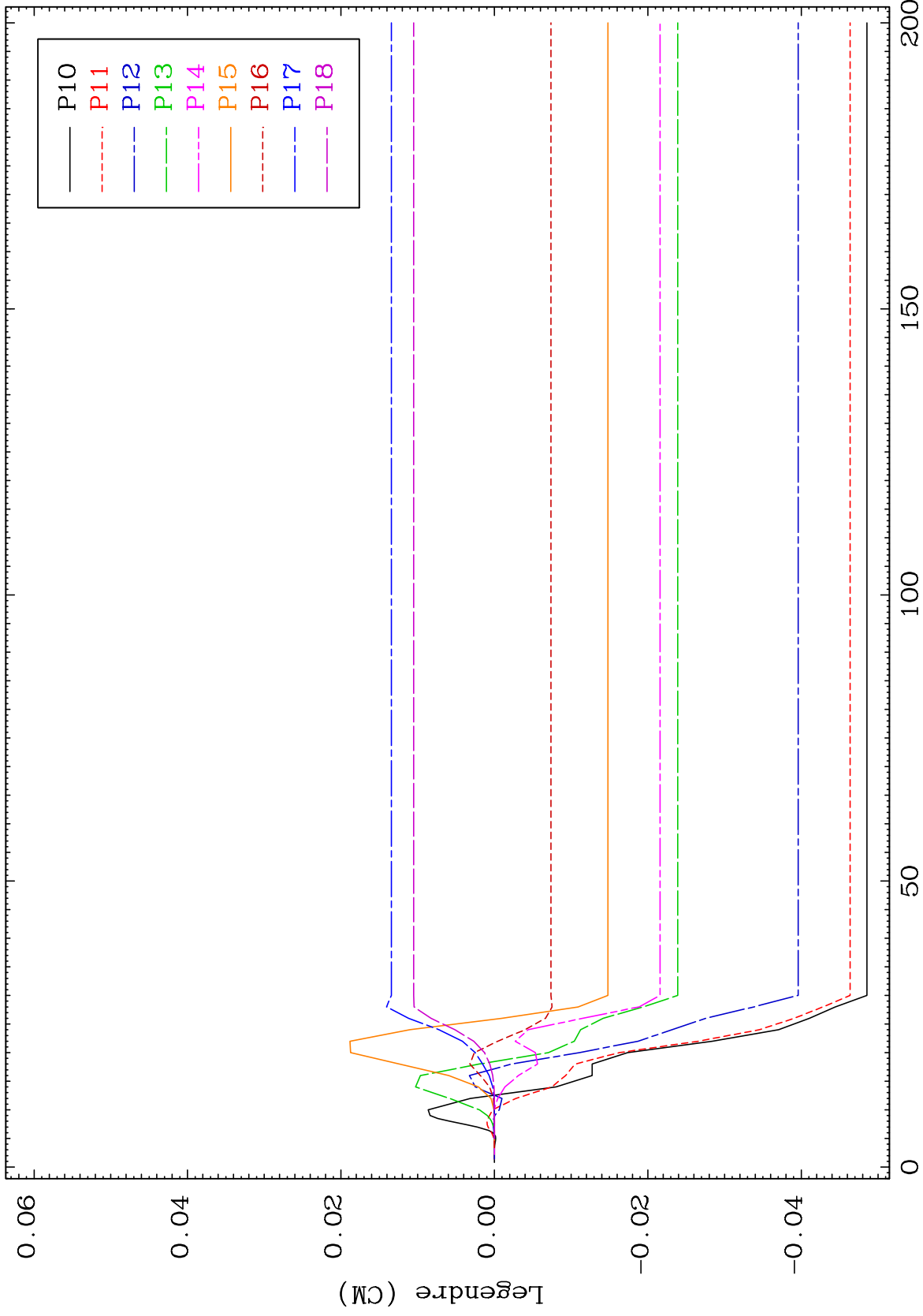
24

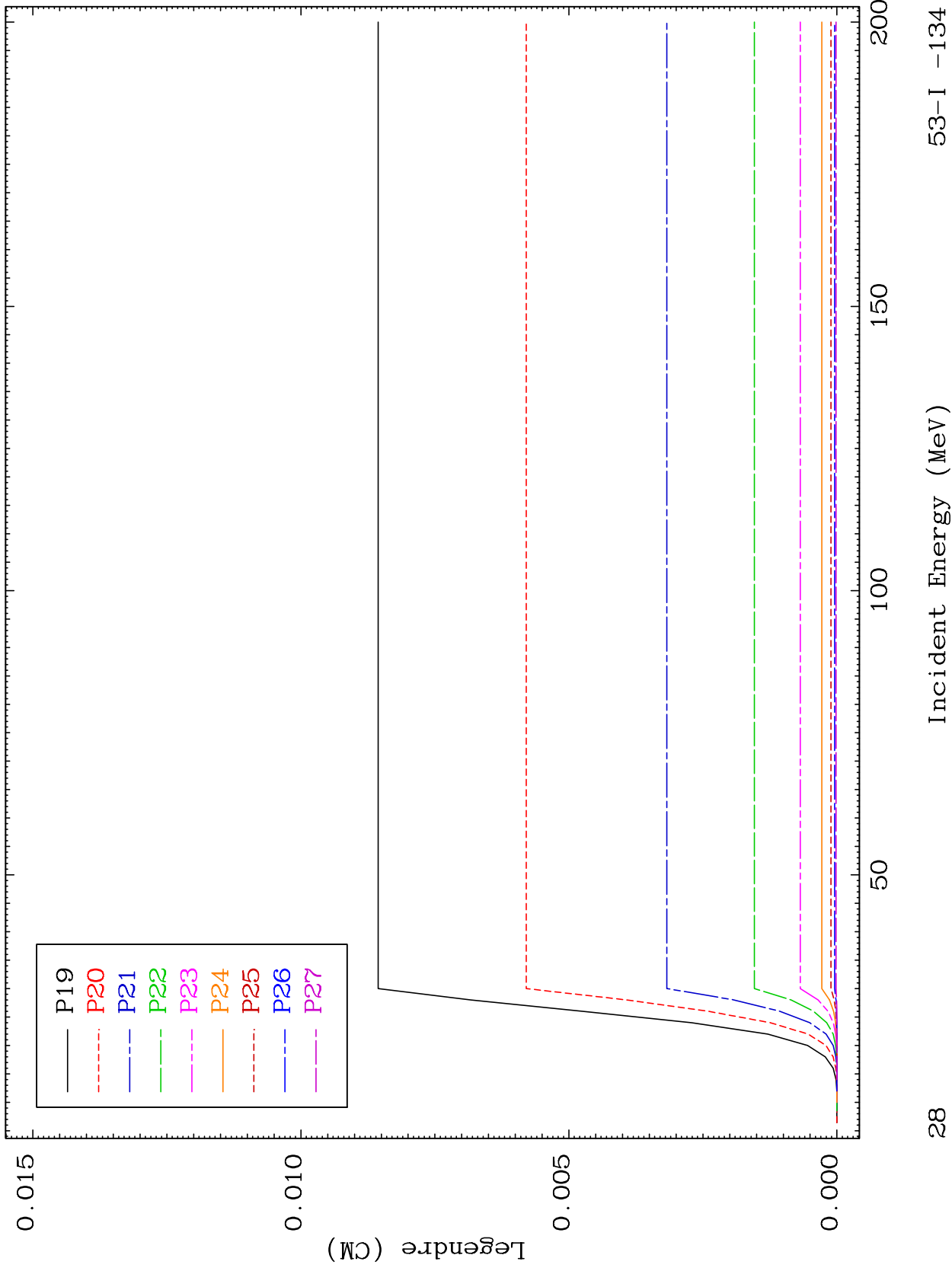
Incident Energy (MeV)

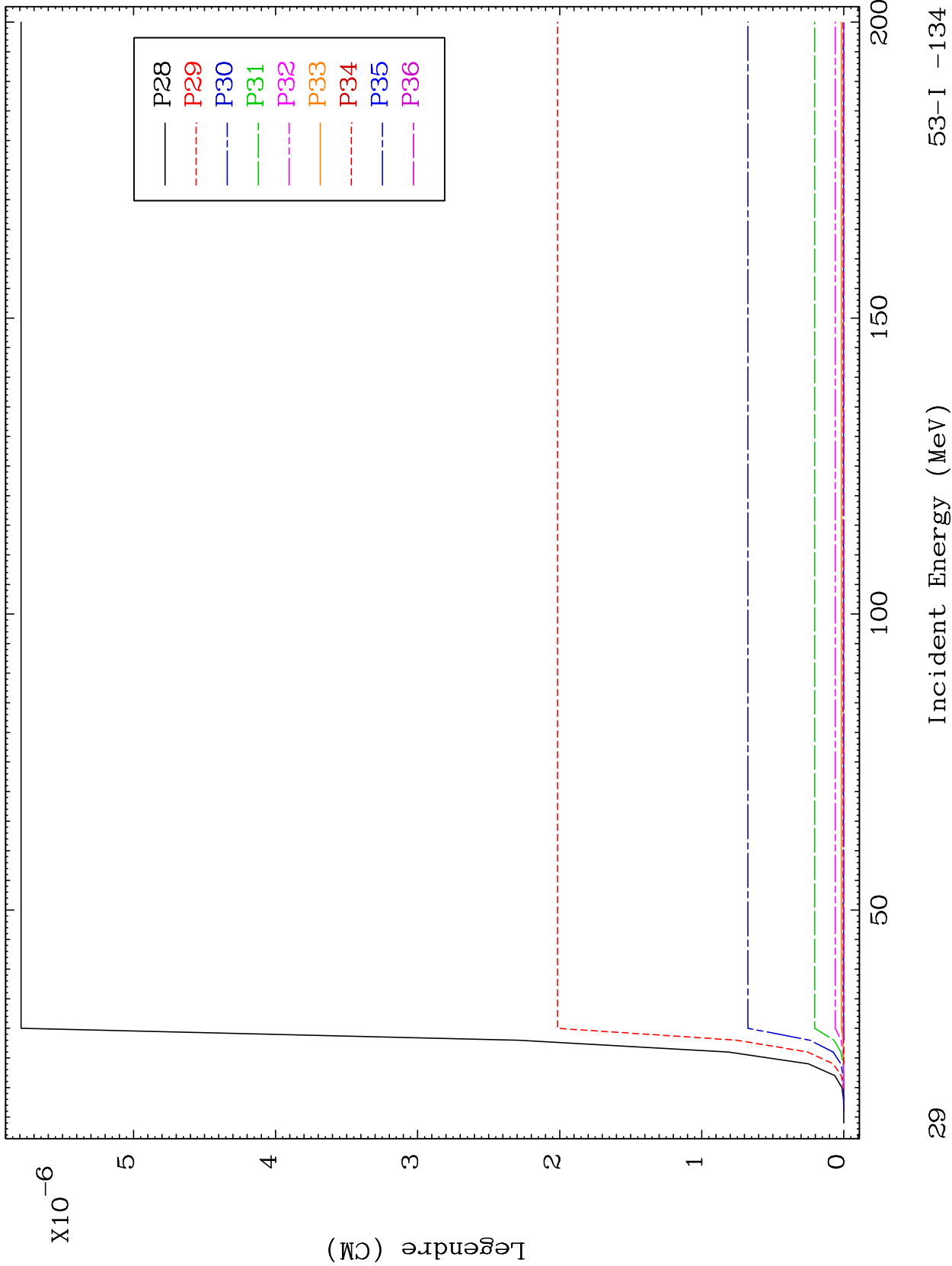
53-I -134







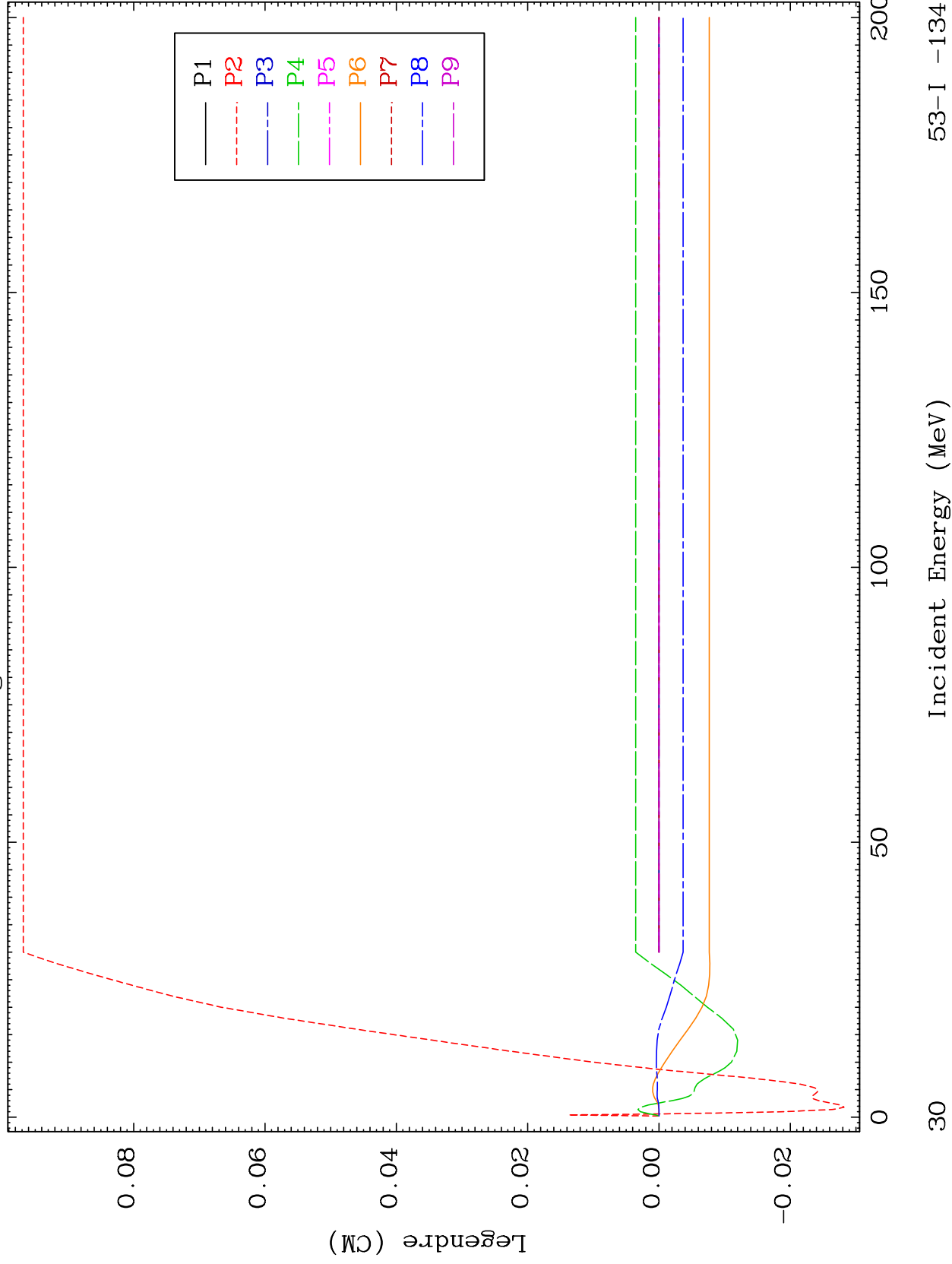




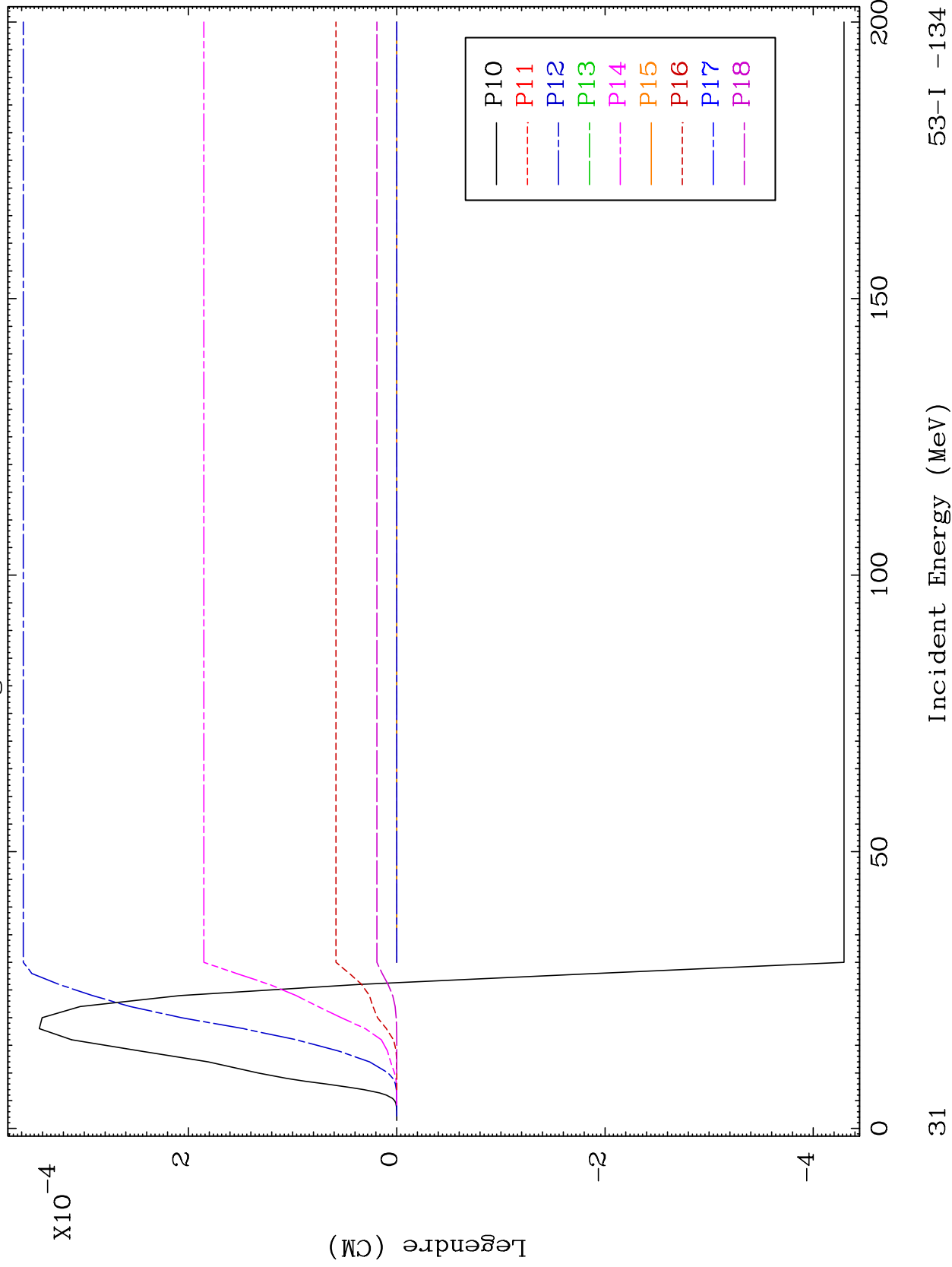
MAT 5346

210.5 keV (n,n') Level
Legendre Coefficients

53-I -134



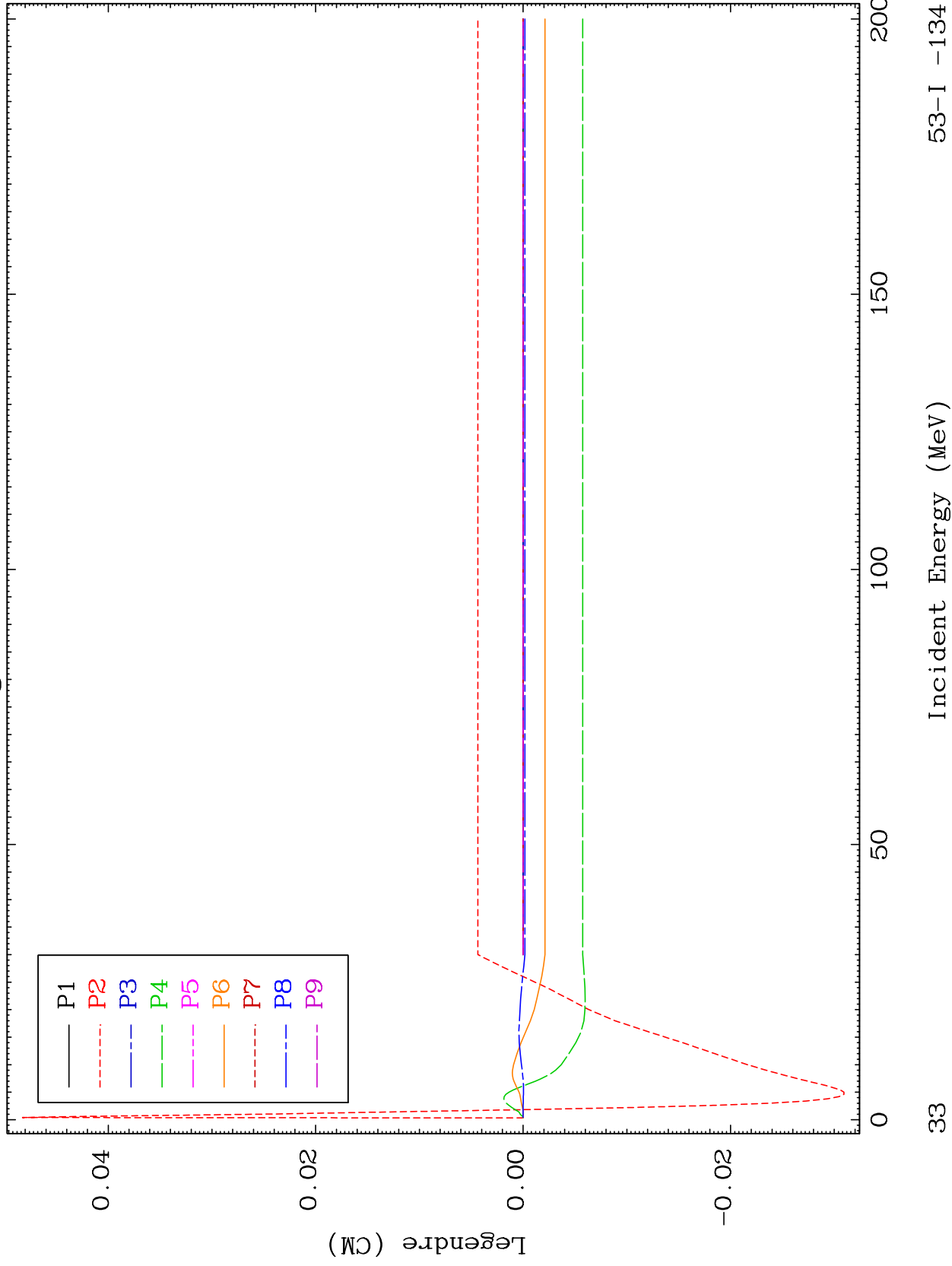
53-I -134



MAT 5346

316.5 keV (n,n') Level
Legendre Coefficients

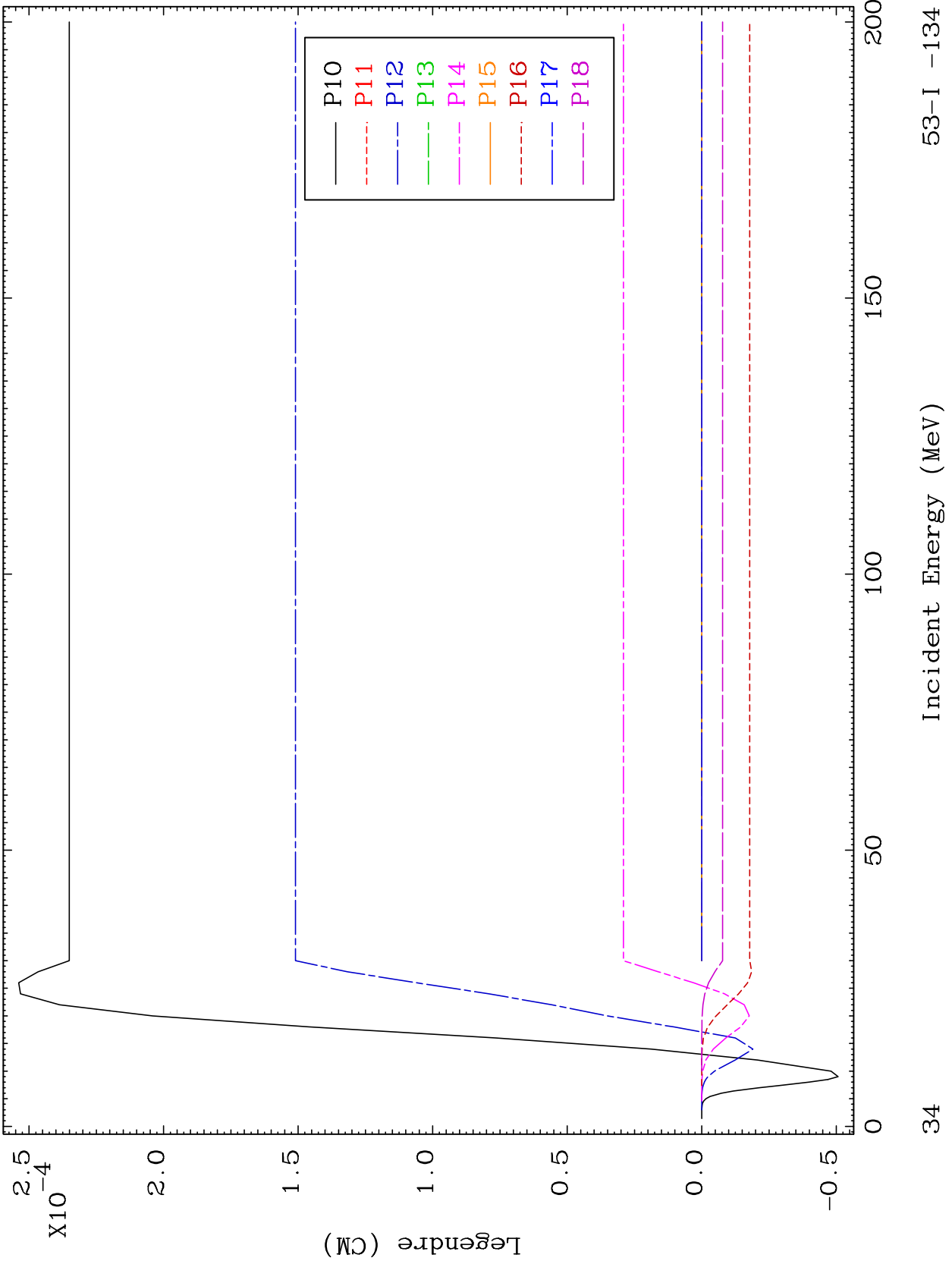
53-I -134

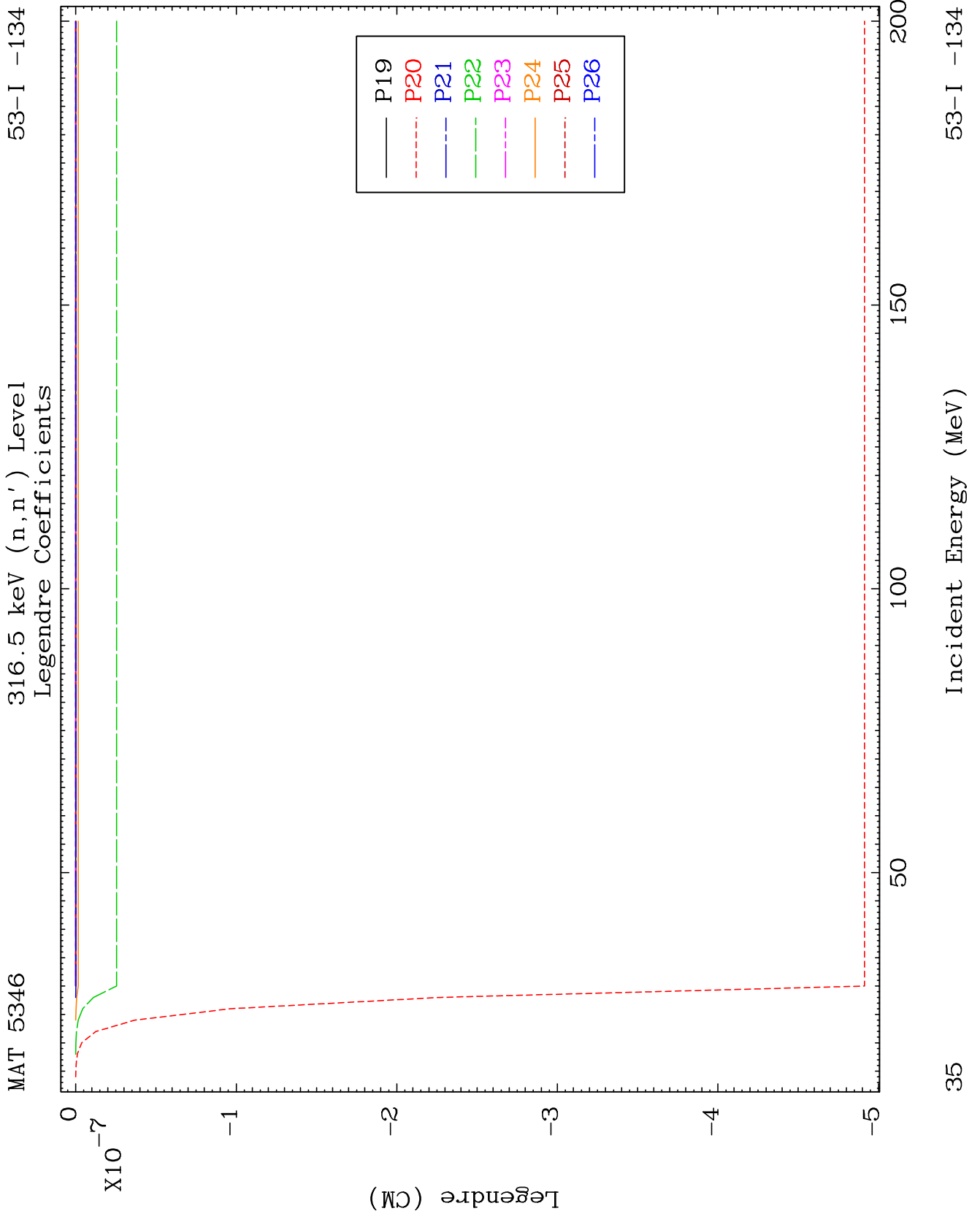


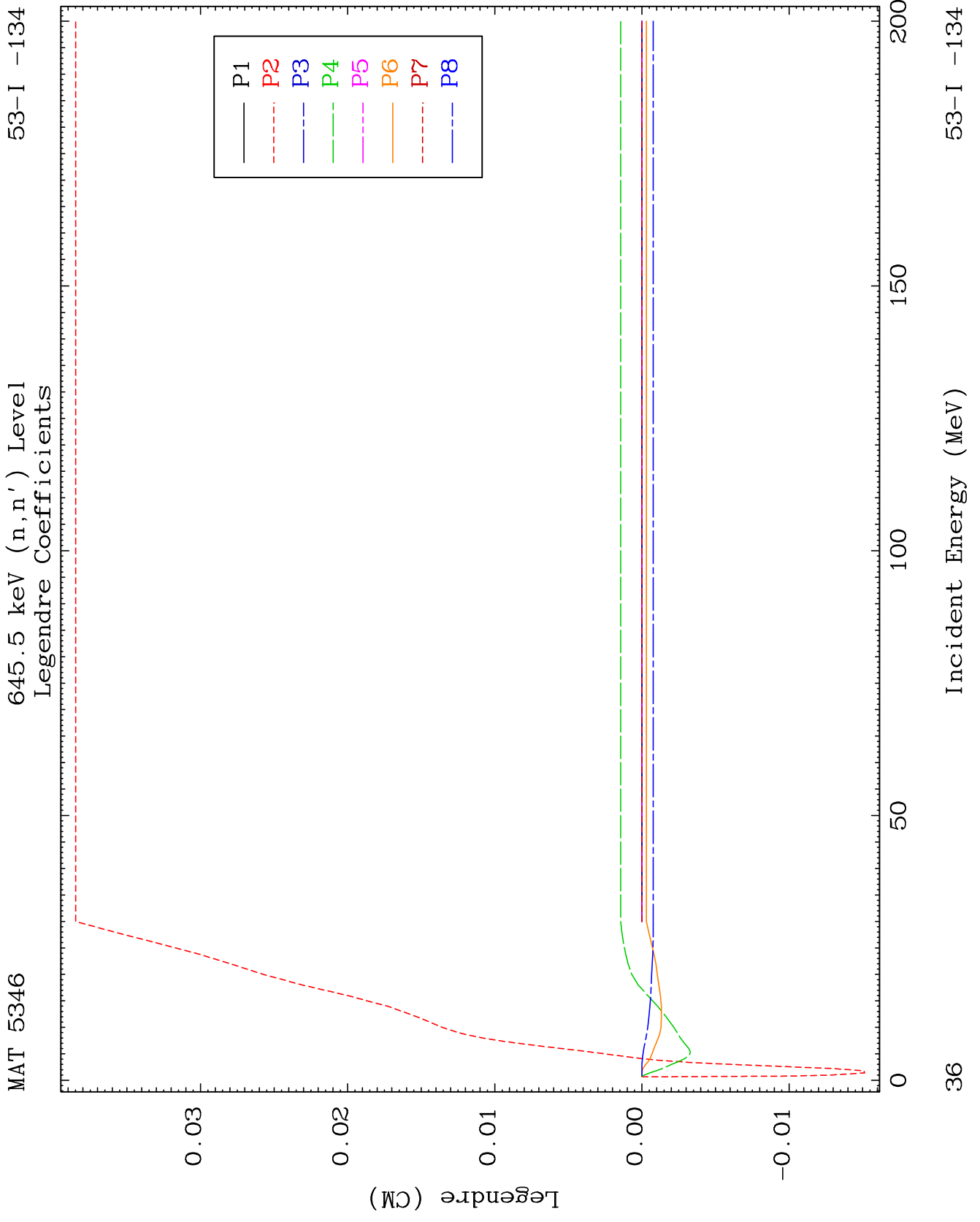
53-I -134

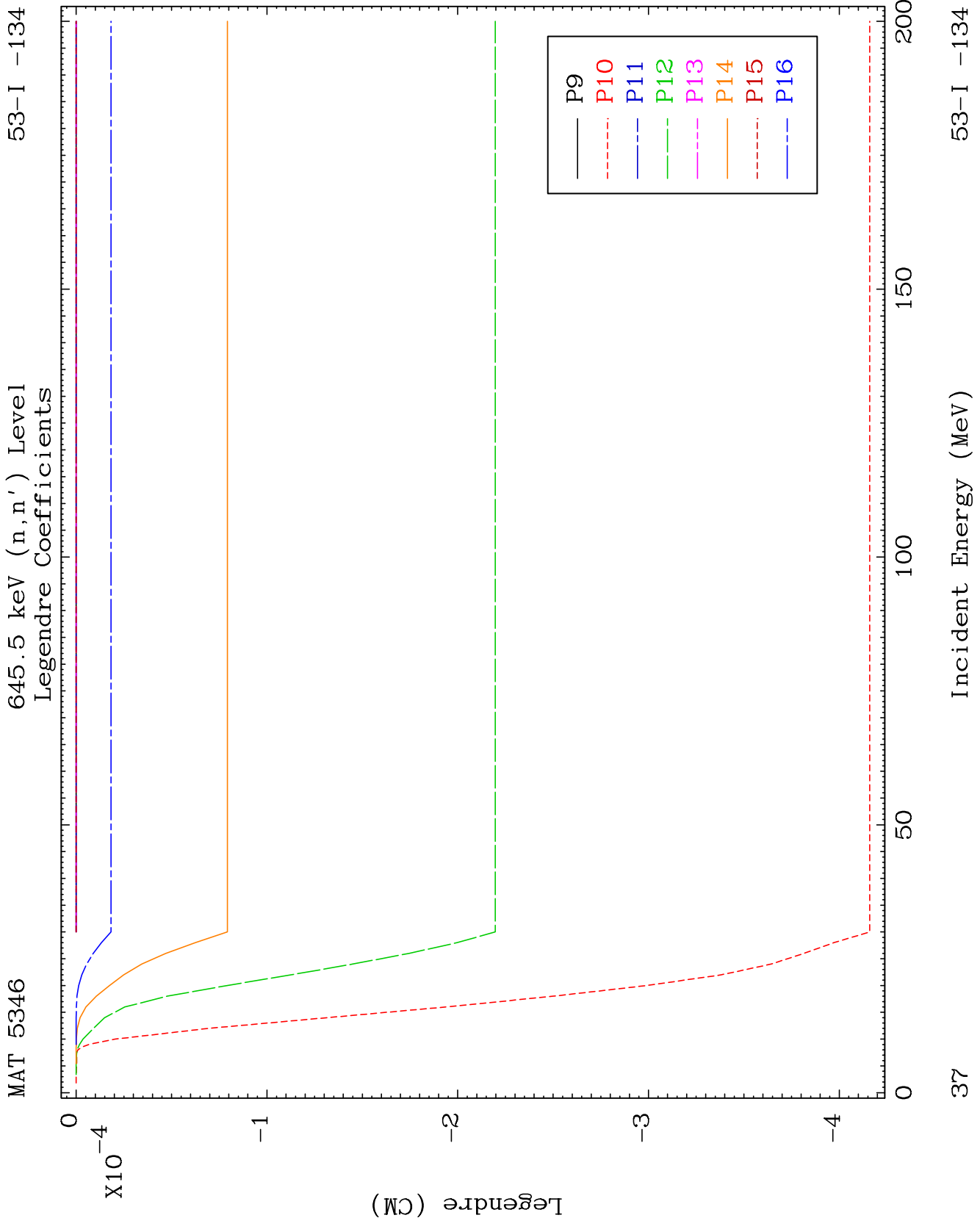
Incident Energy (MeV)

33





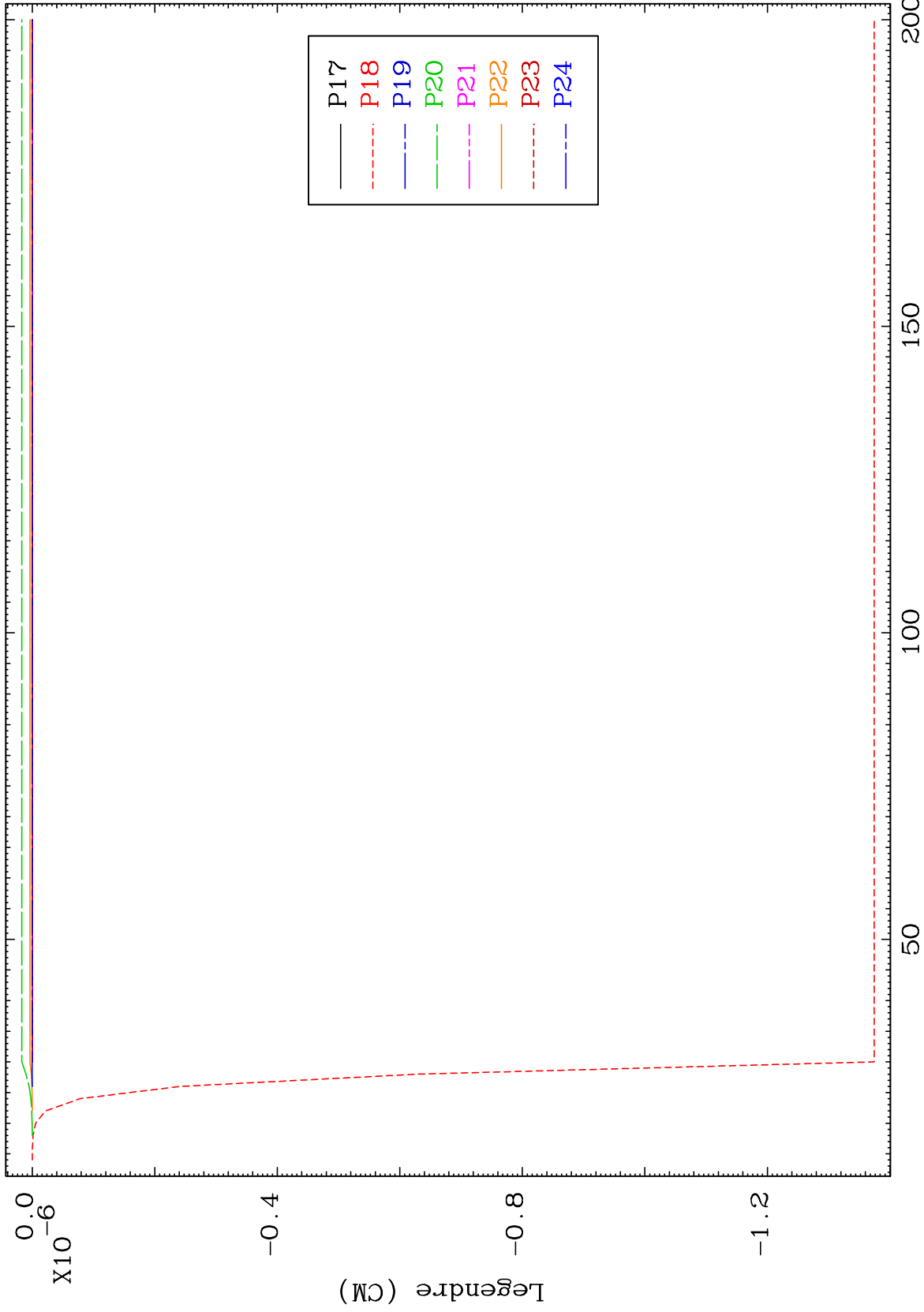




MAT 5346

645.5 keV (n,n') Level
Legendre Coefficients

53-I -134



38

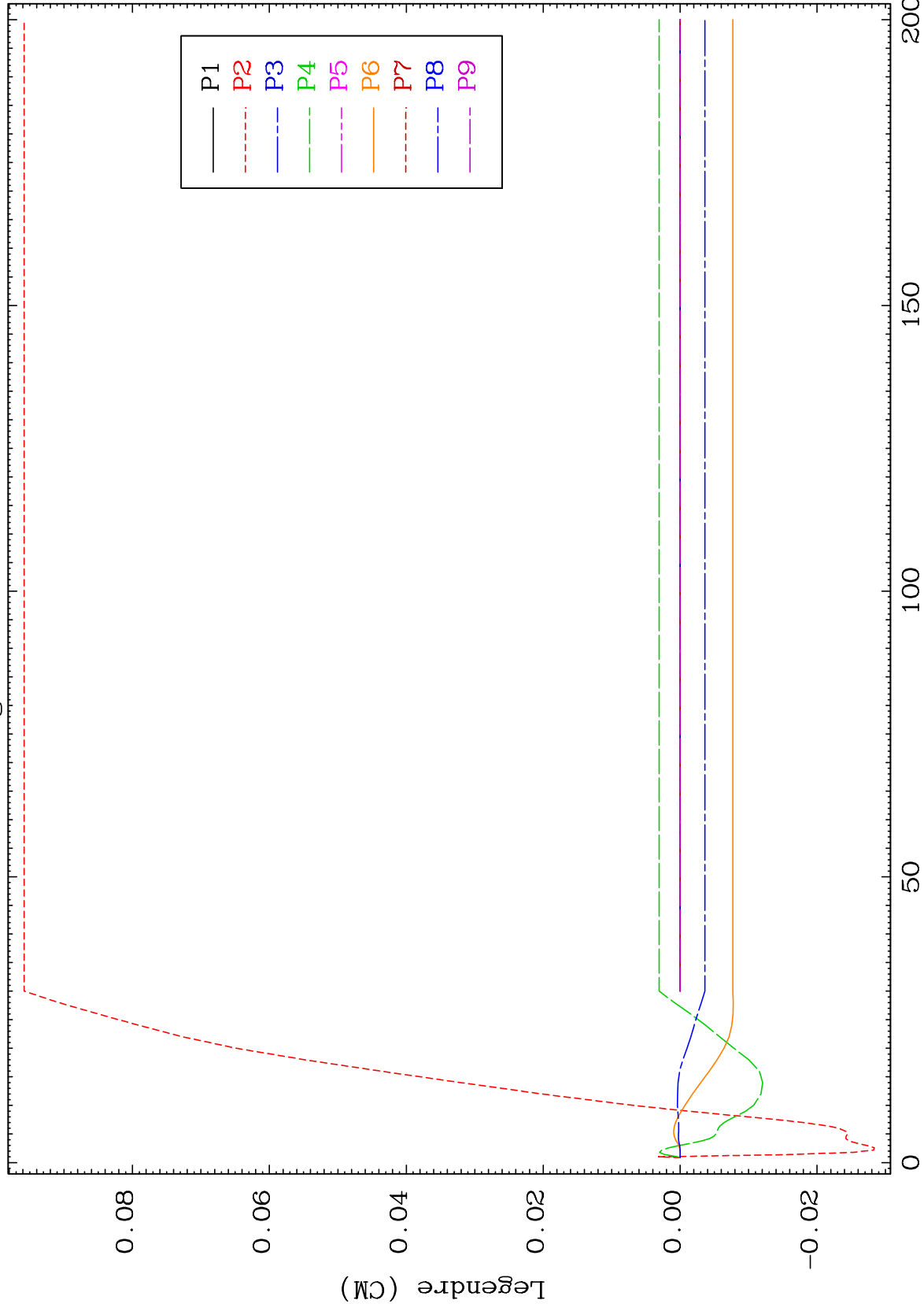
Incident Energy (MeV)

53-I -134

MAT 5346

846.7 keV (n,n') Level
Legendre Coefficients

53-I -134



39

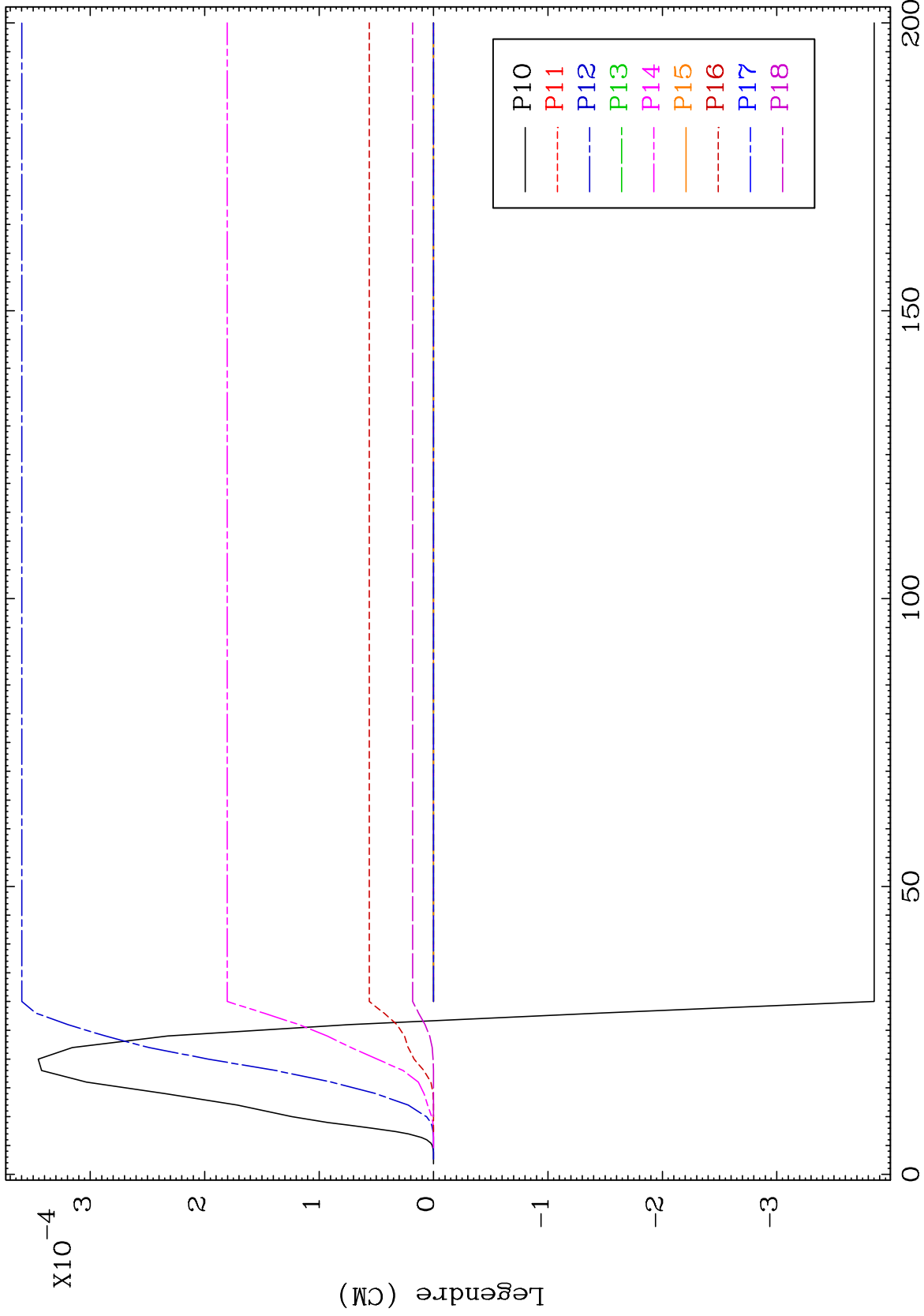
Incident Energy (MeV)

53-I -134

MAT 5346

846.7 keV (n,n') Level
Legendre Coefficients

53-I -134



40

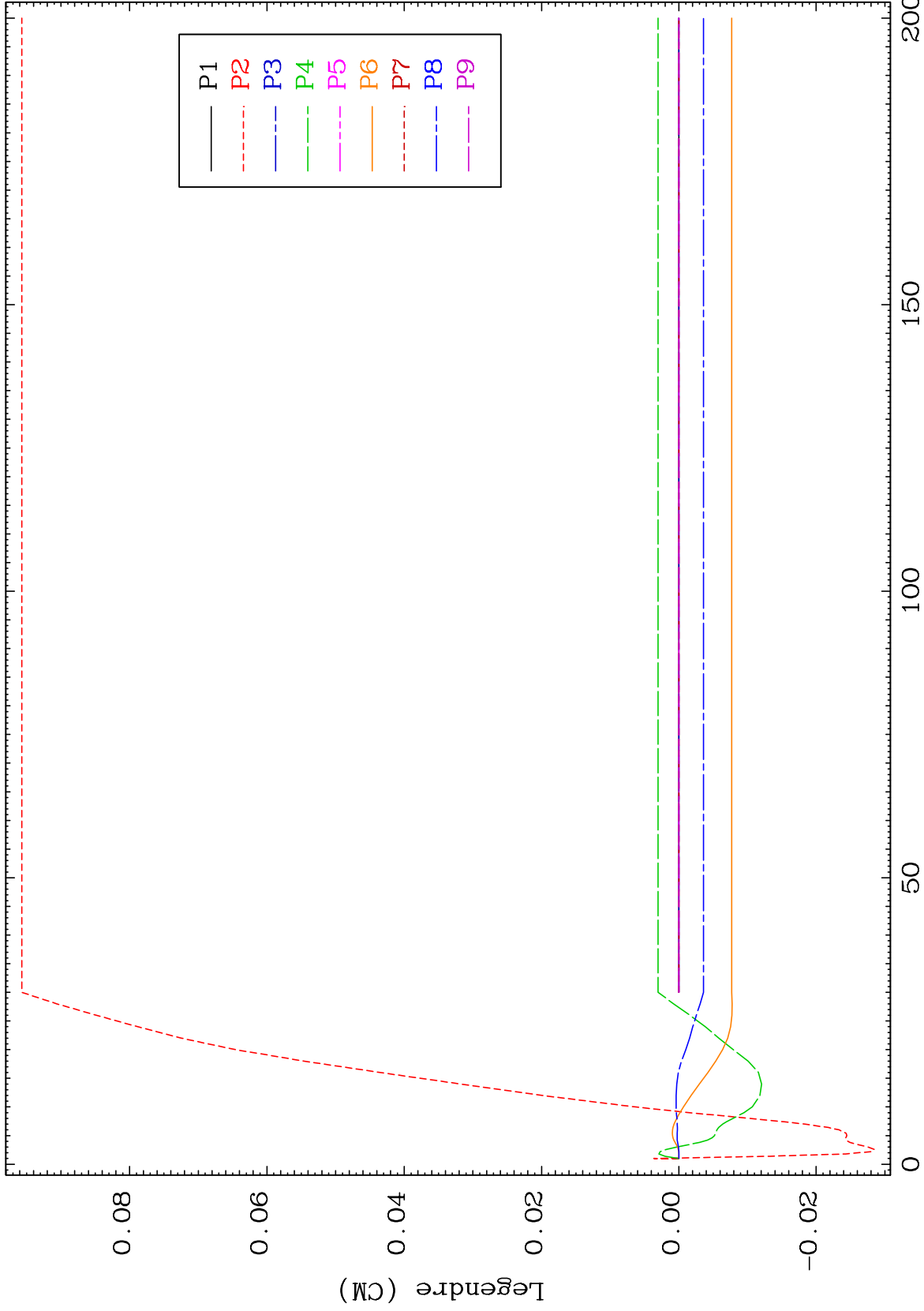
Incident Energy (MeV)

53-I -134

MAT 5346

923.4 keV (n,n') Level
Legendre Coefficients

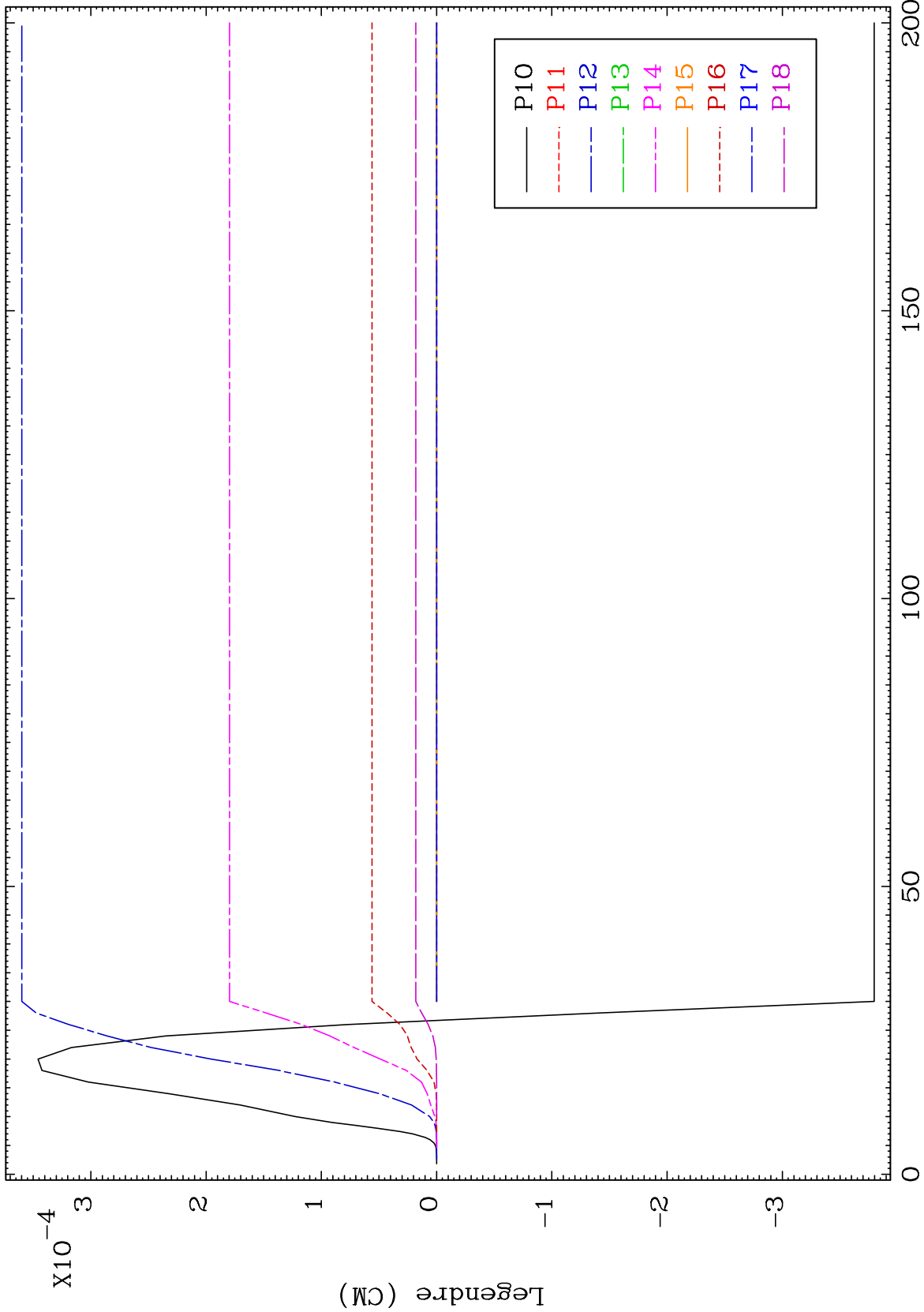
53-I -134



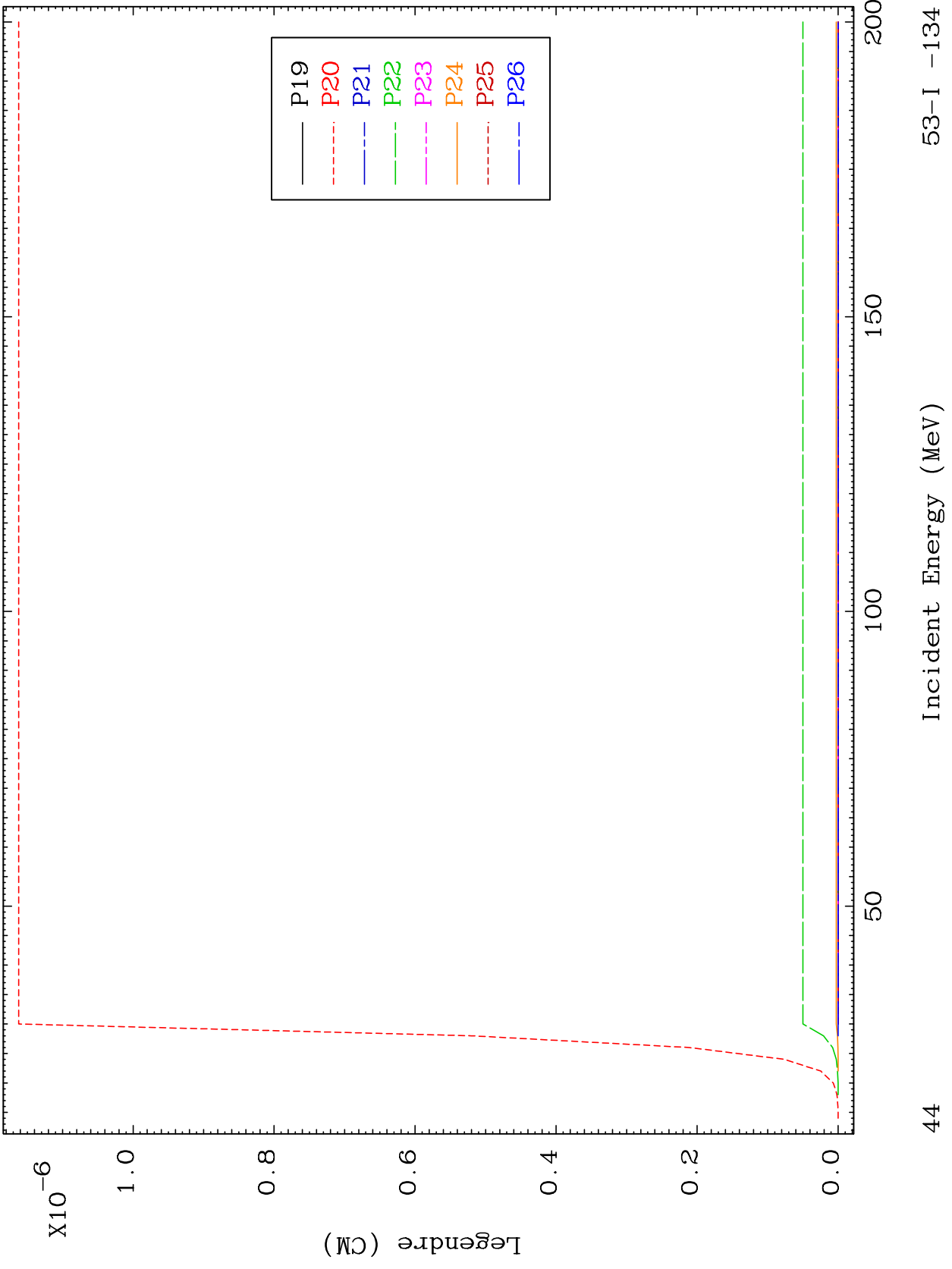
53-I -134

Incident Energy (MeV)

42



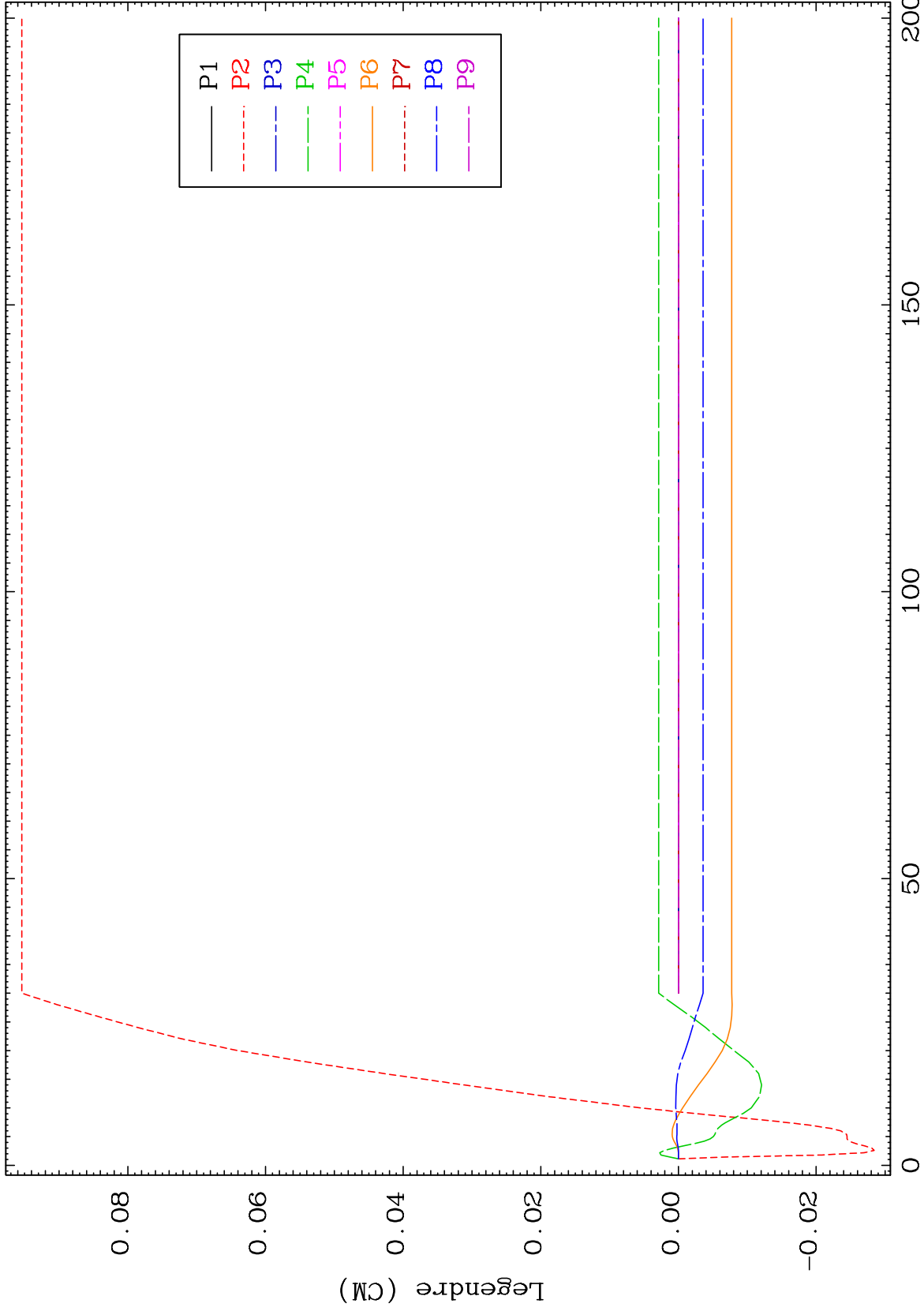
MAT 5346 923.4 keV (n,n') Level 53-I -134



MAT 5346

1.106 MeV (n,n') Level
Legendre Coefficients

53-I -134



53-I -134

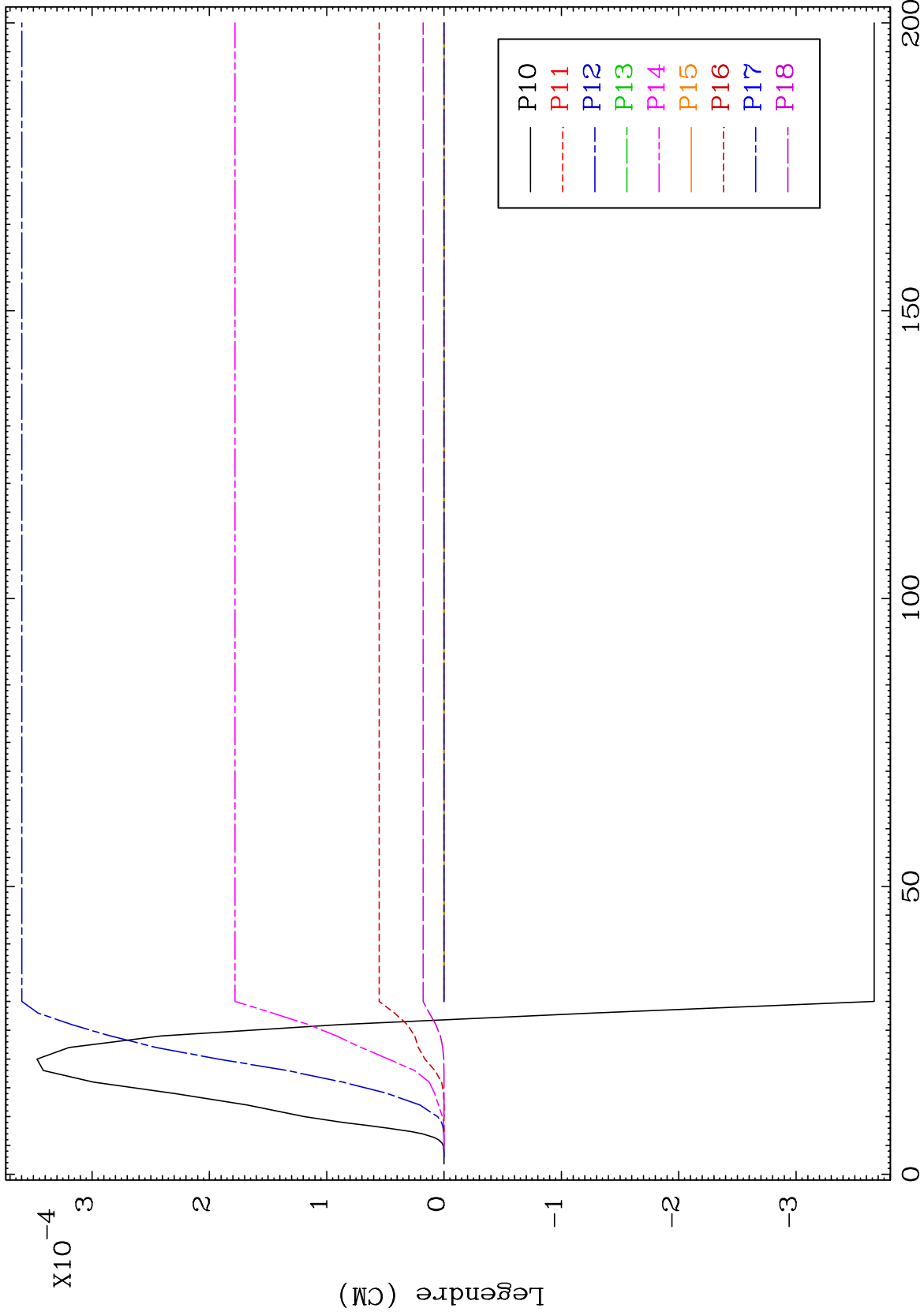
Incident Energy (MeV)

45

MAT 5346

1.106 MeV (n,n') Level
Legendre Coefficients

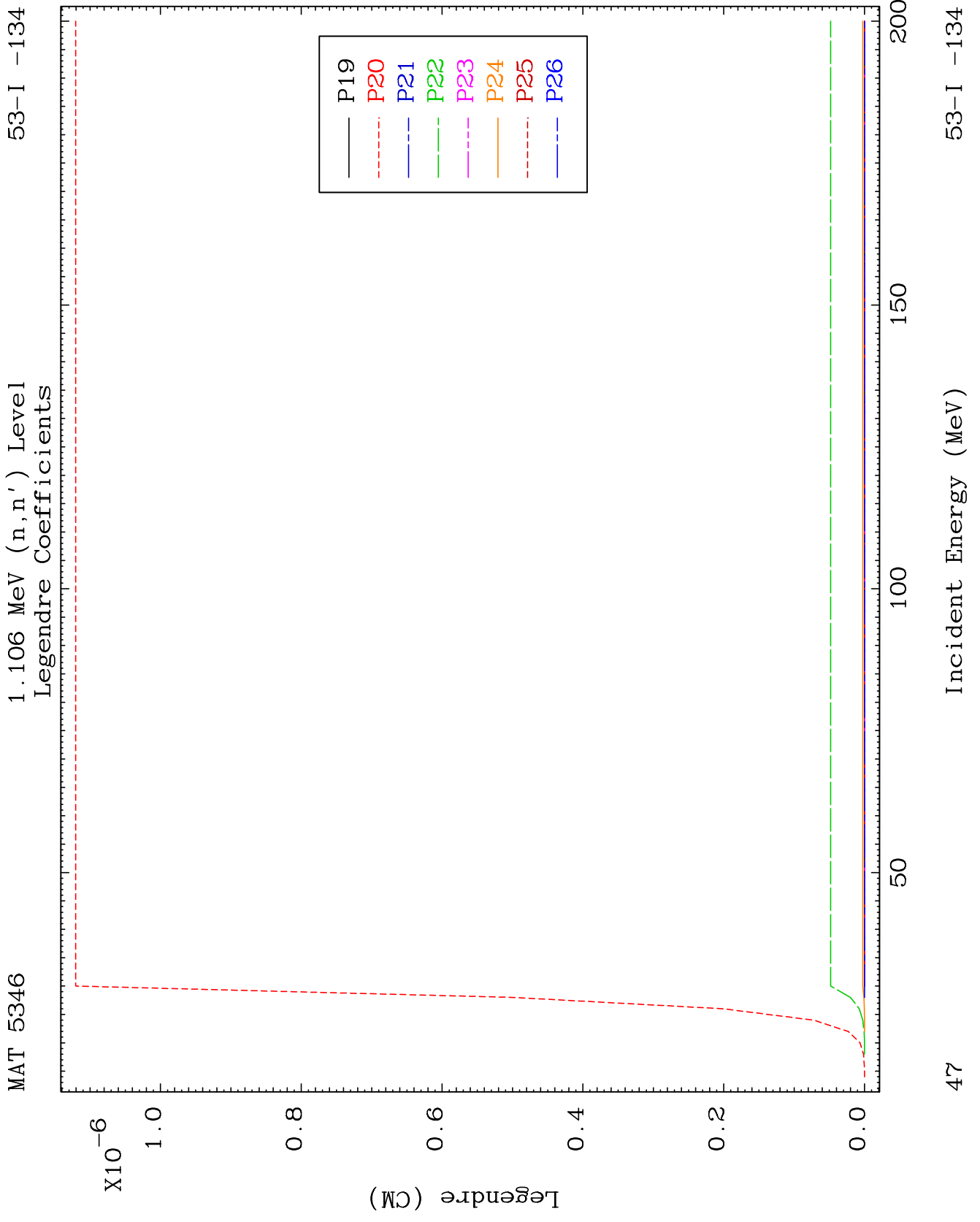
53-I -134



46

Incident Energy (MeV)

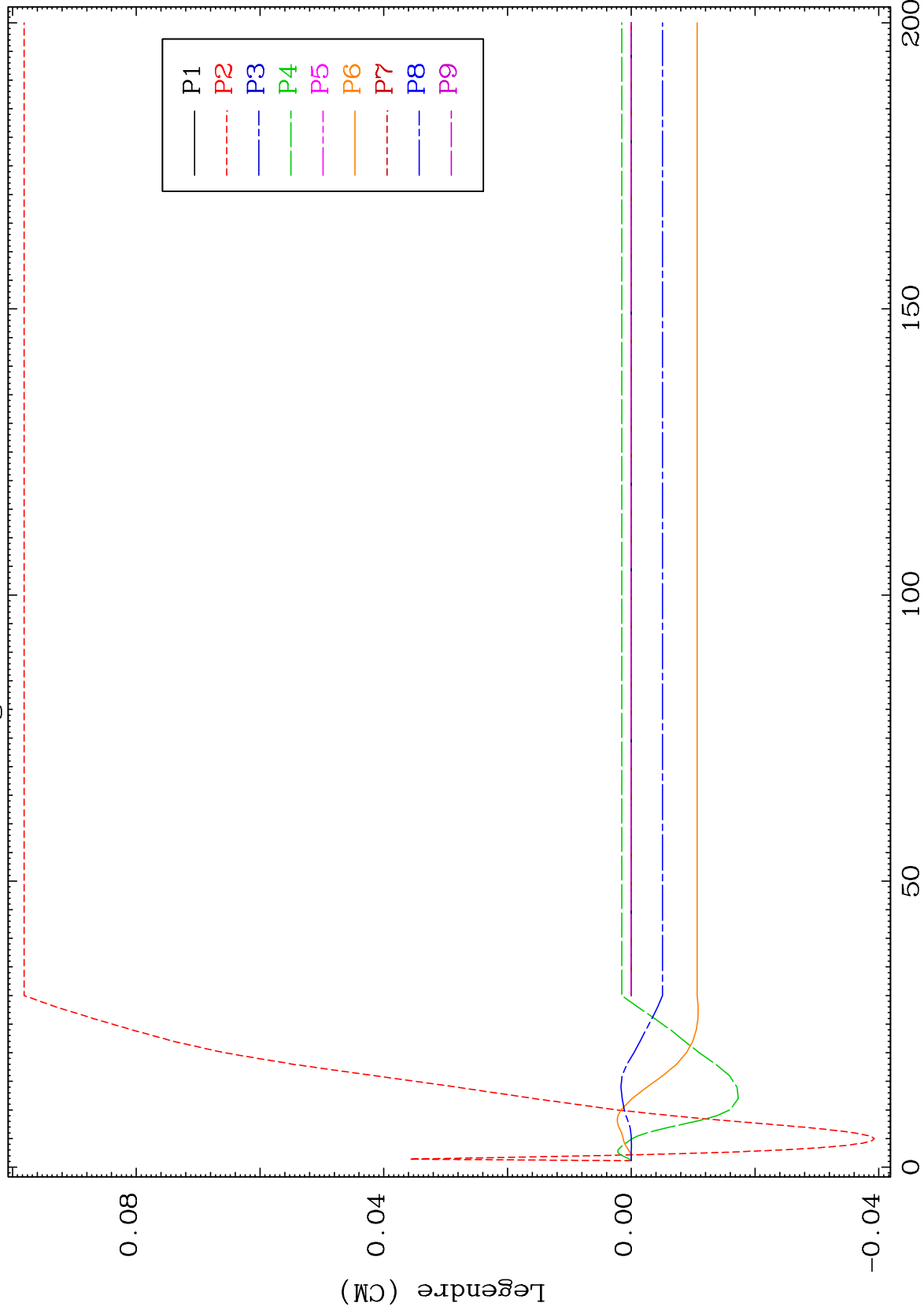
53-I -134



MAT 5346

1.117 MeV (n,n') Level
Legendre Coefficients

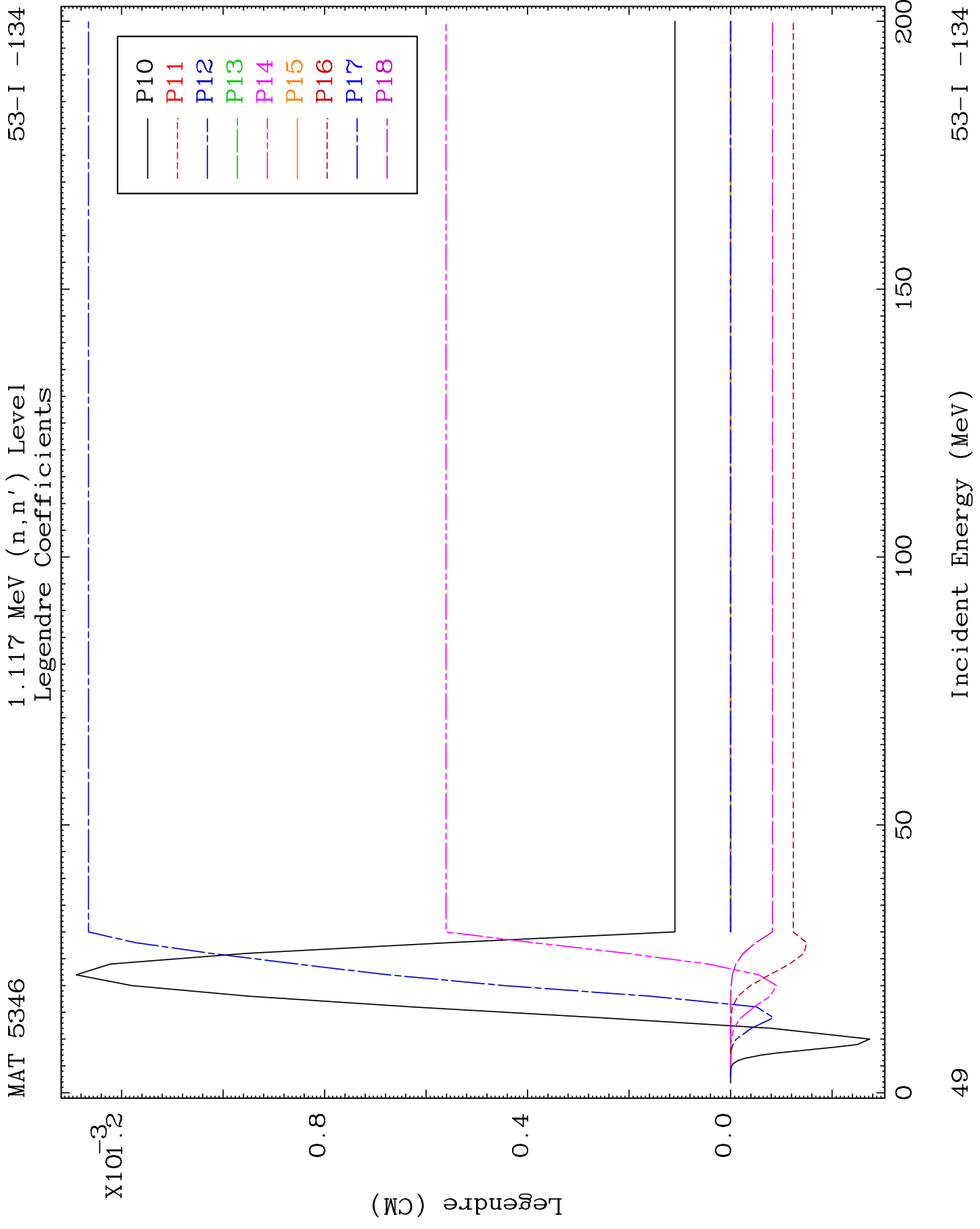
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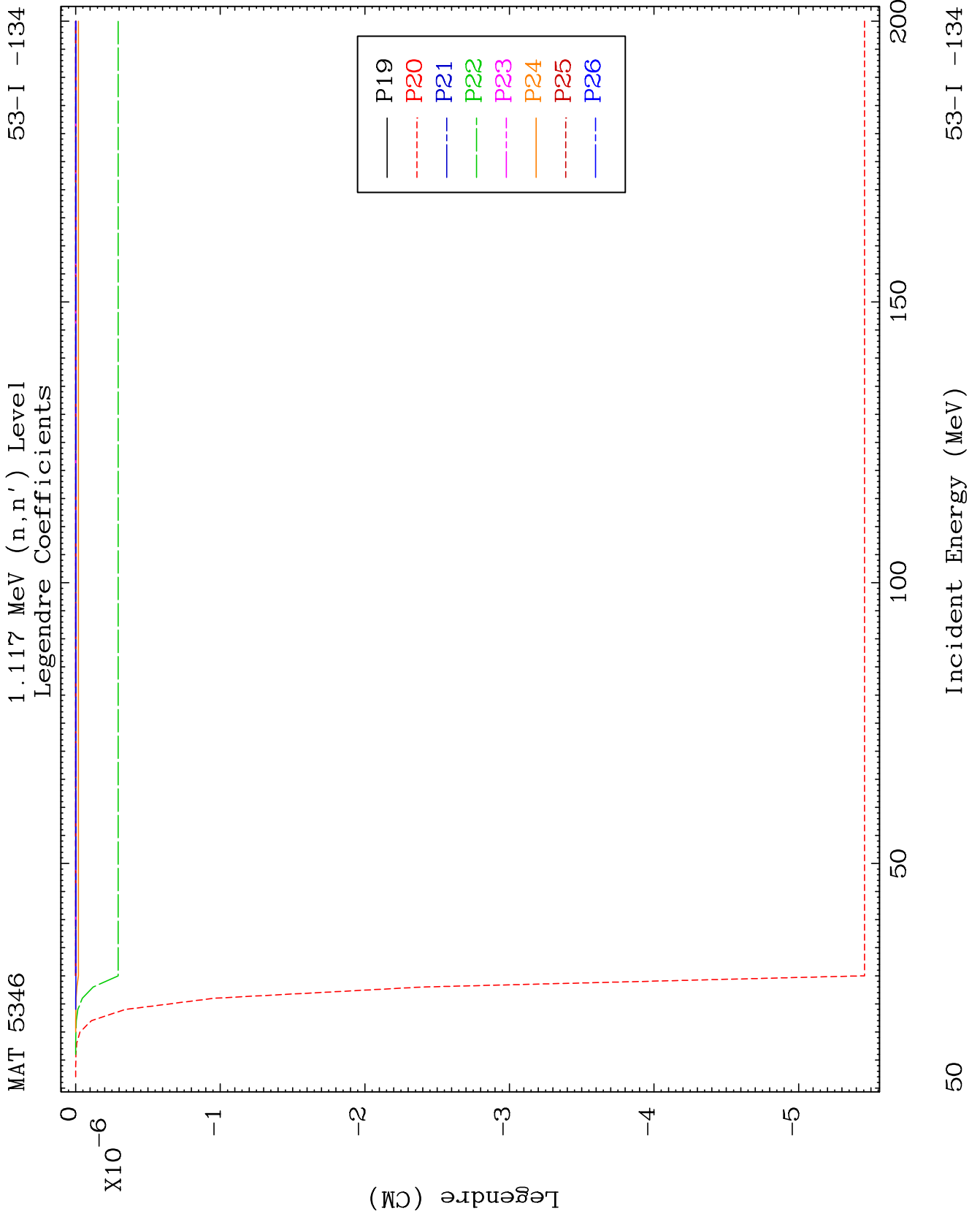


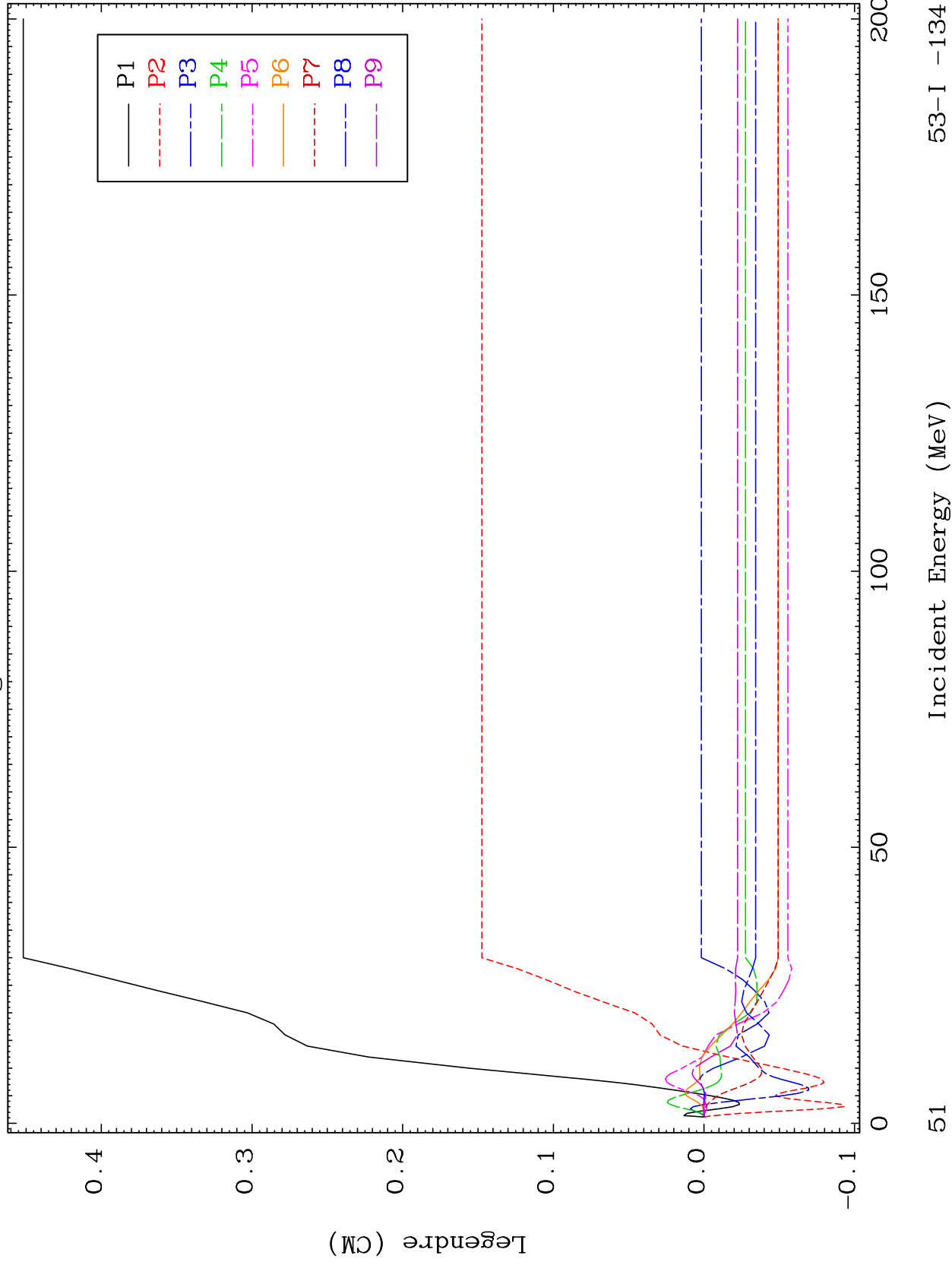
48

Incident Energy (MeV)

53-I -134



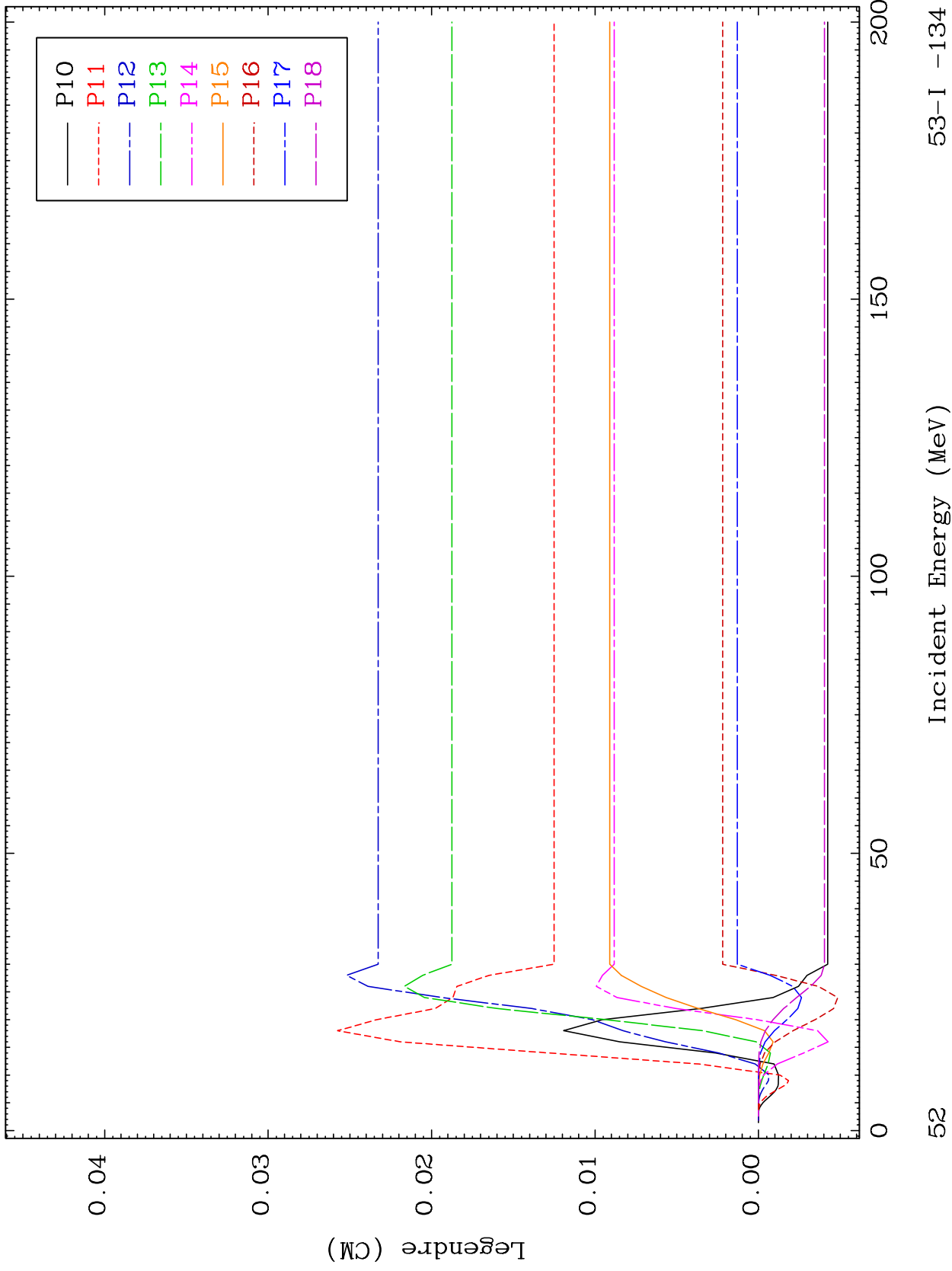




MAT 5346

1.121 MeV (n,n') Level
Legendre Coefficients

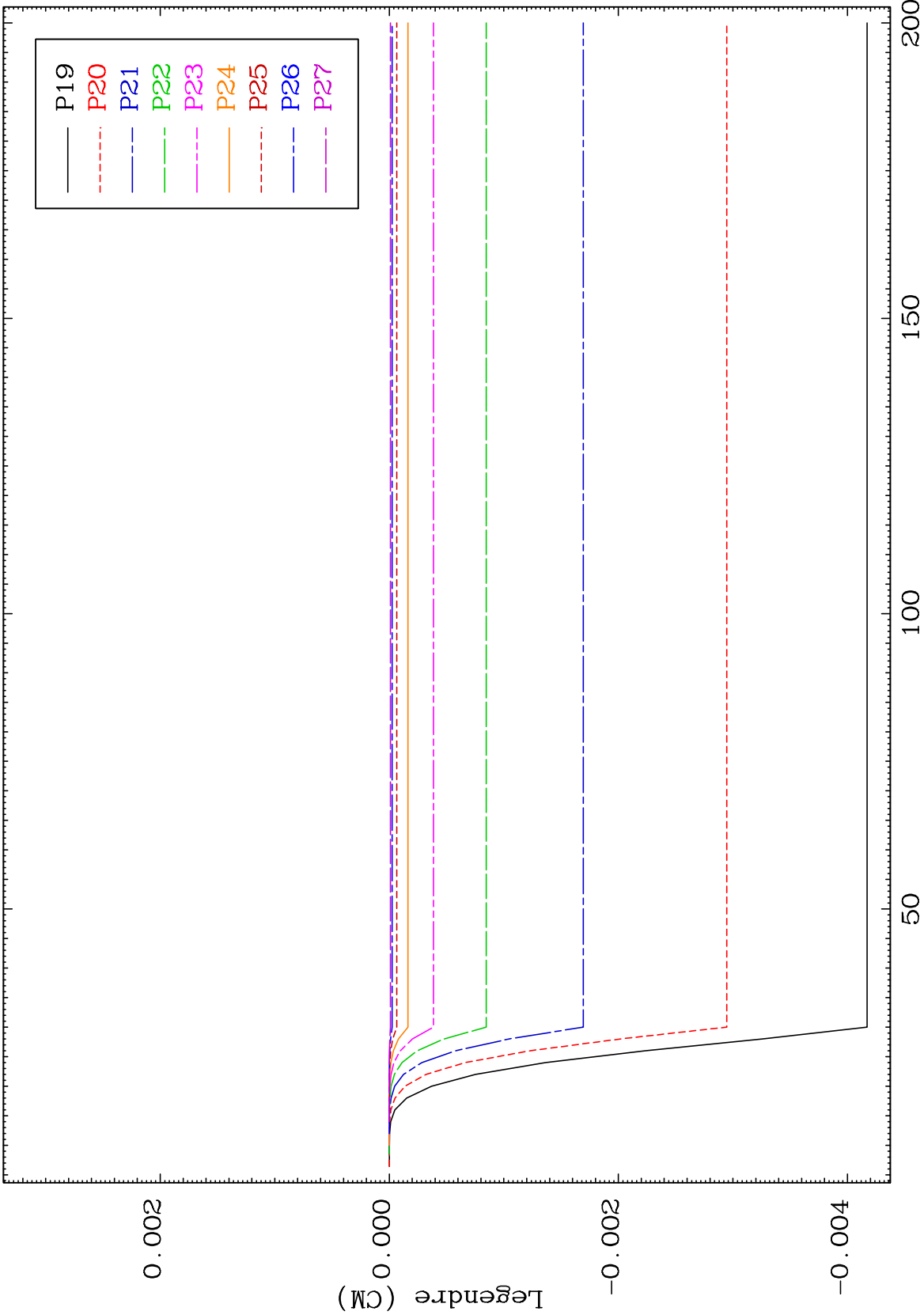
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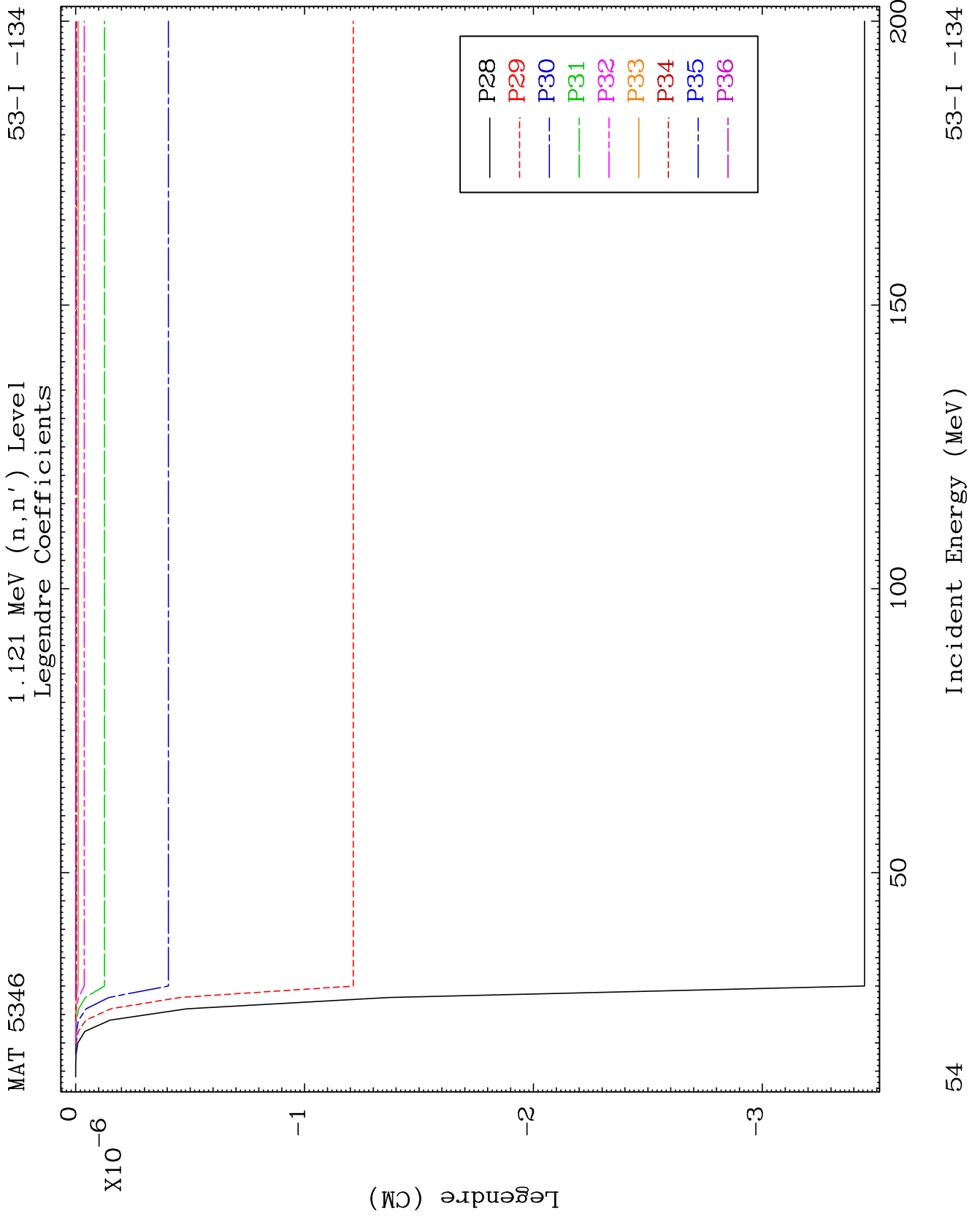


52

Incident Energy (MeV)

53-I -134

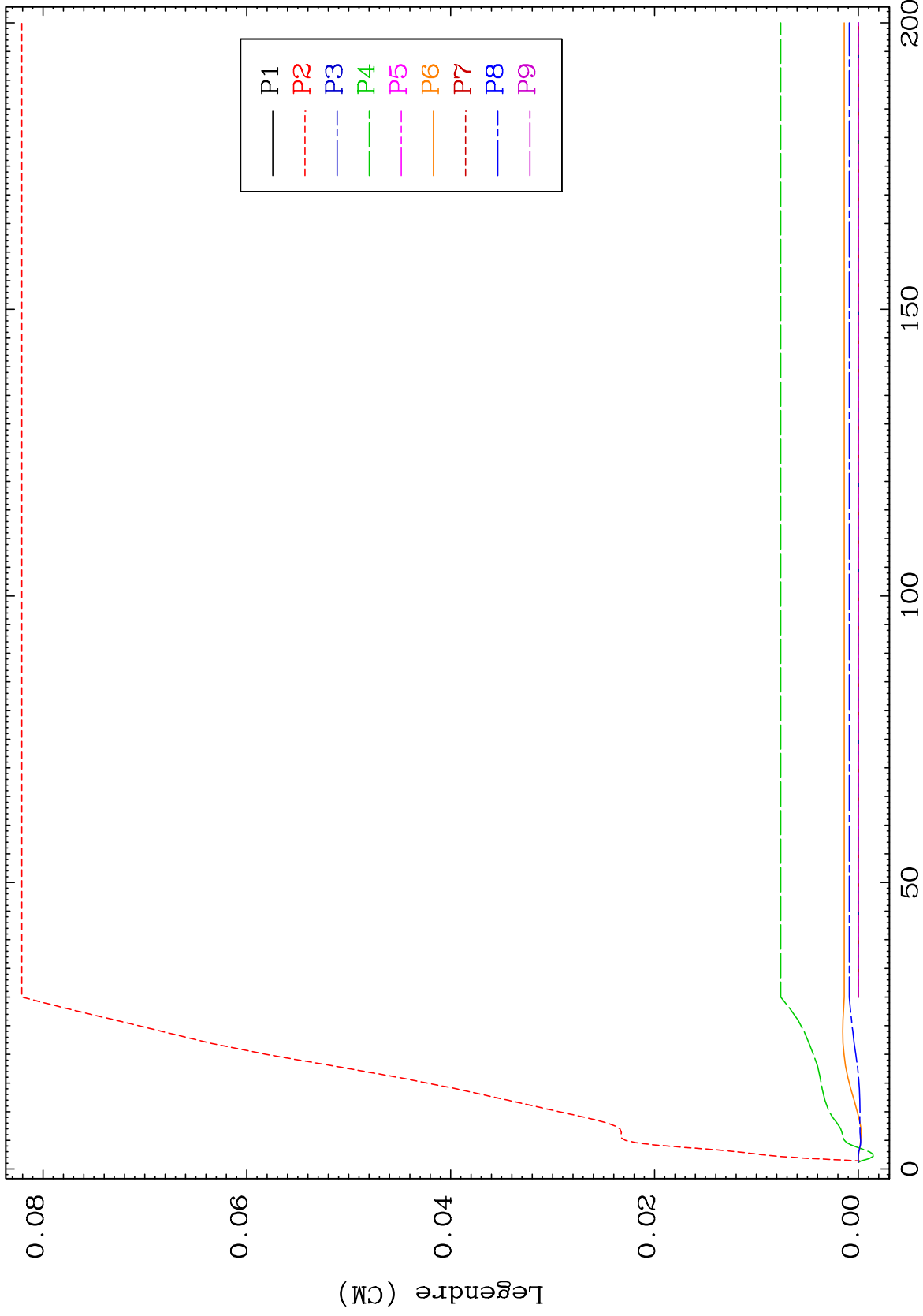




MAT 5346

1.125 MeV (n,n') Level
Legendre Coefficients

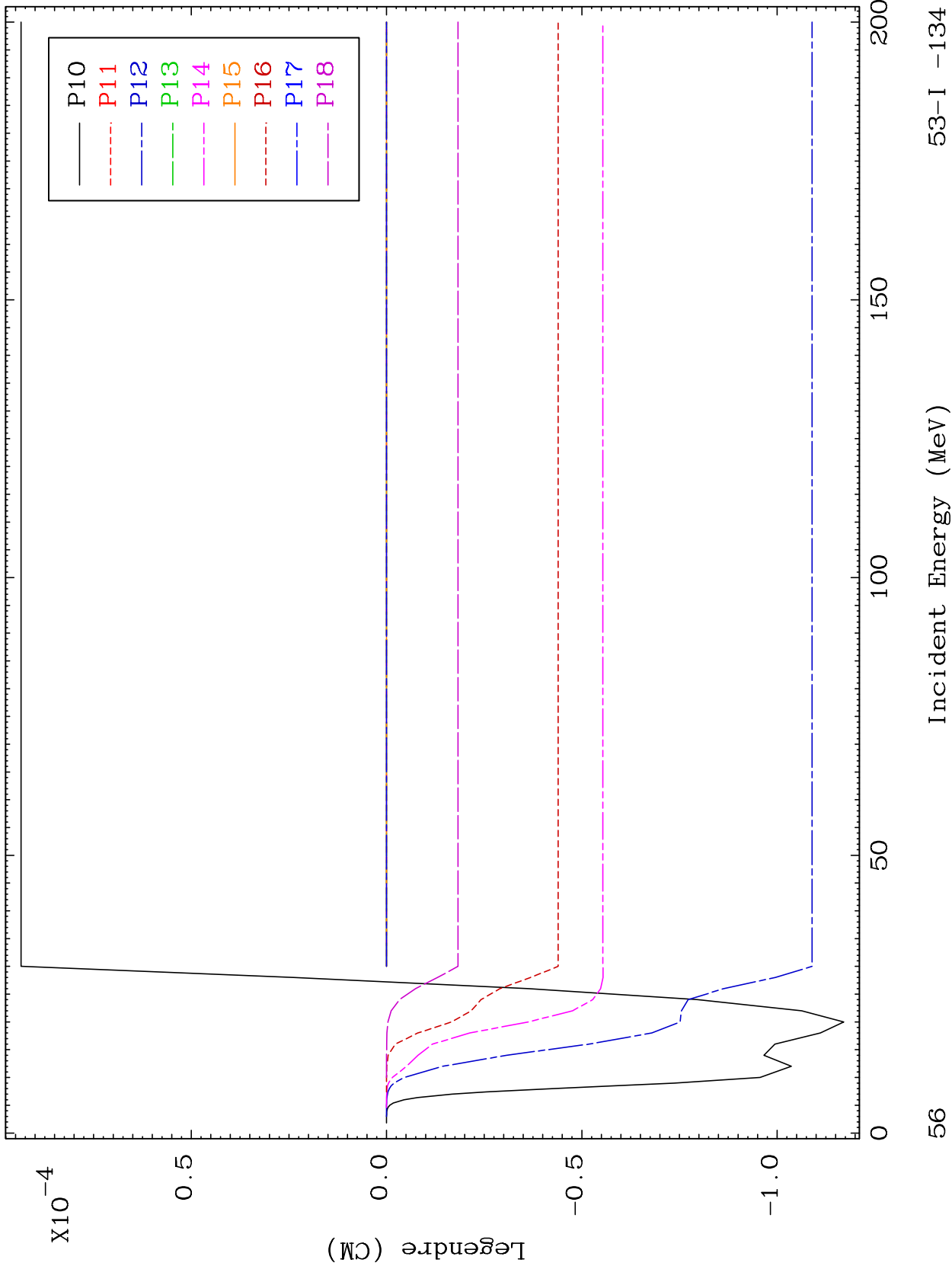
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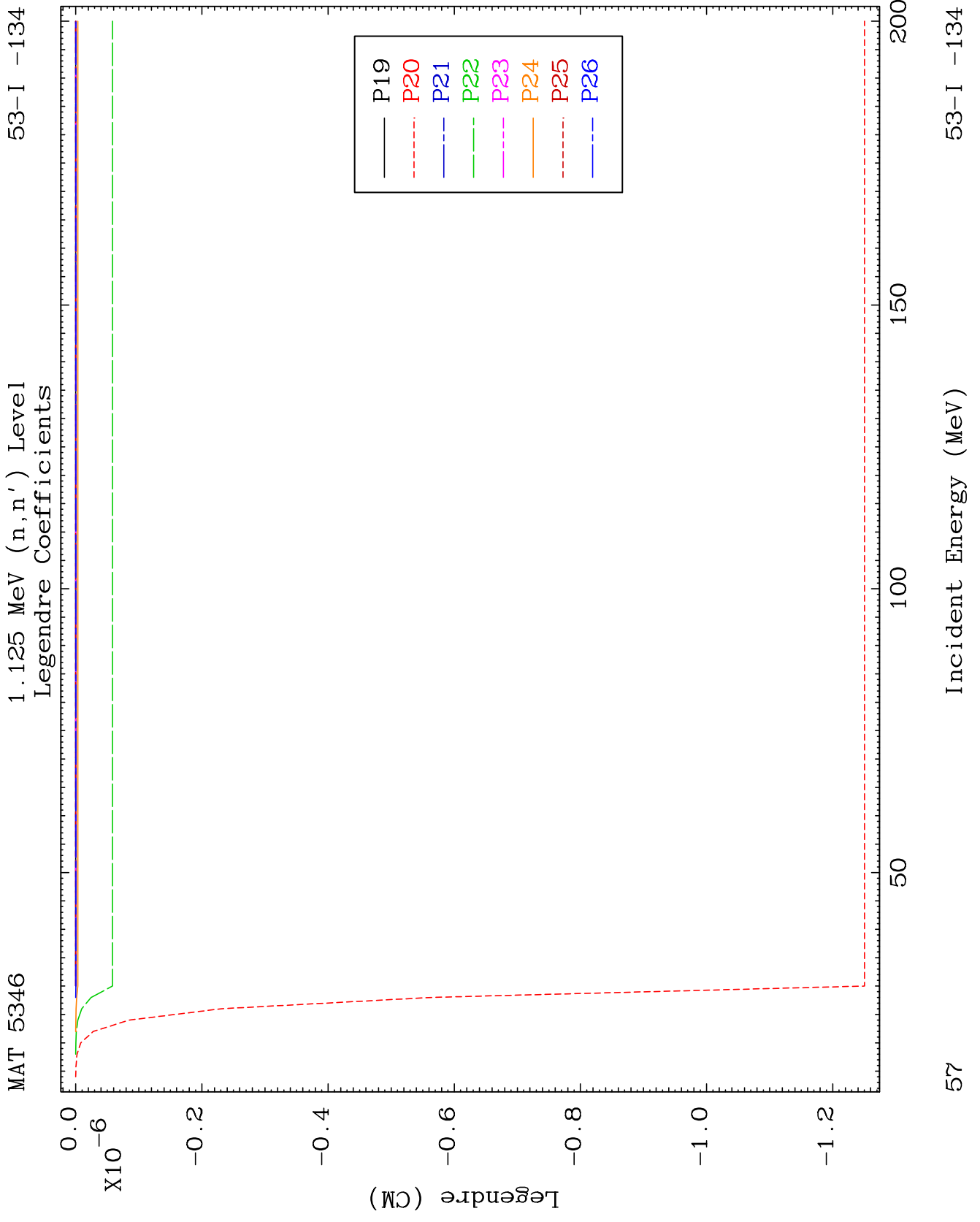


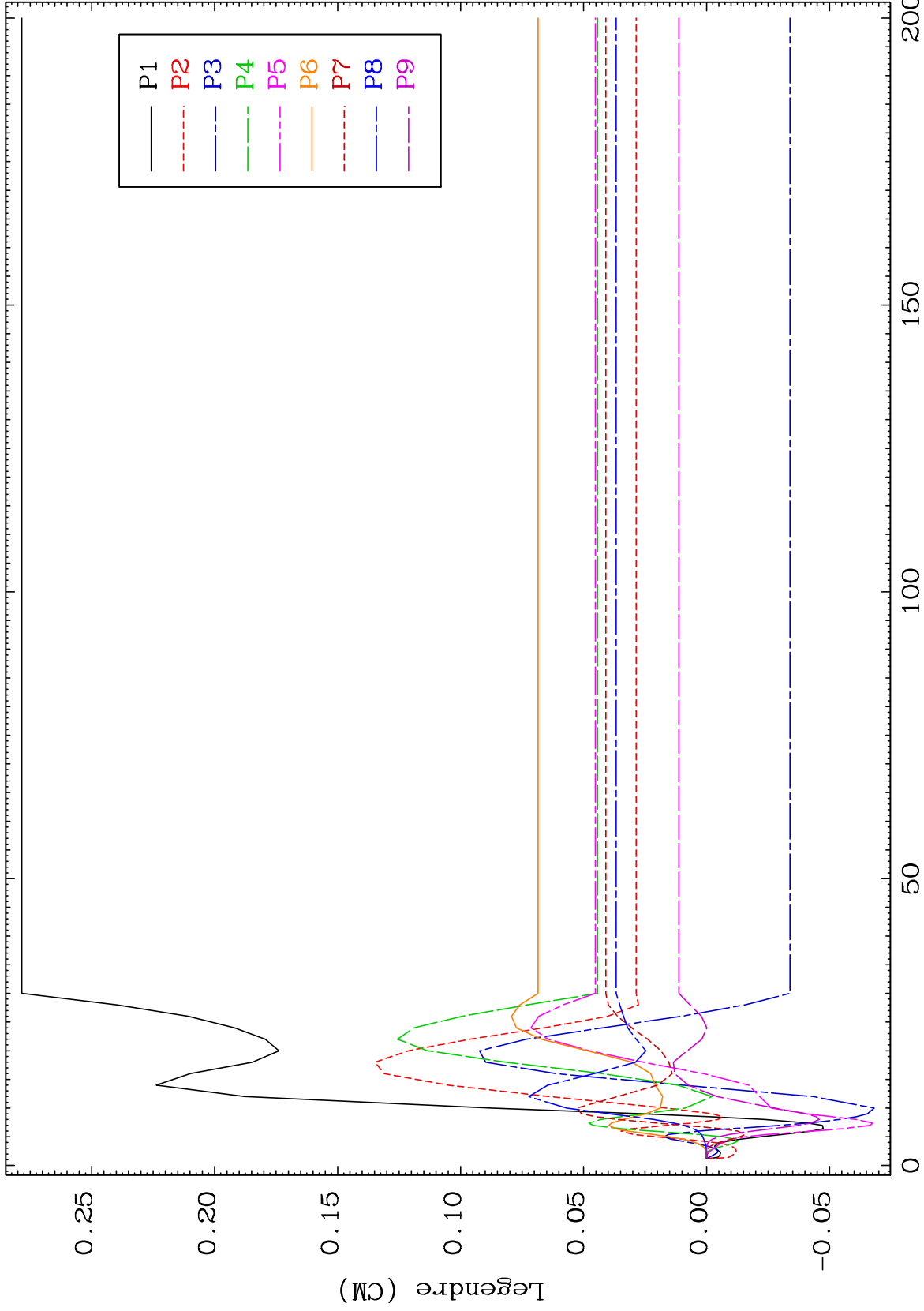
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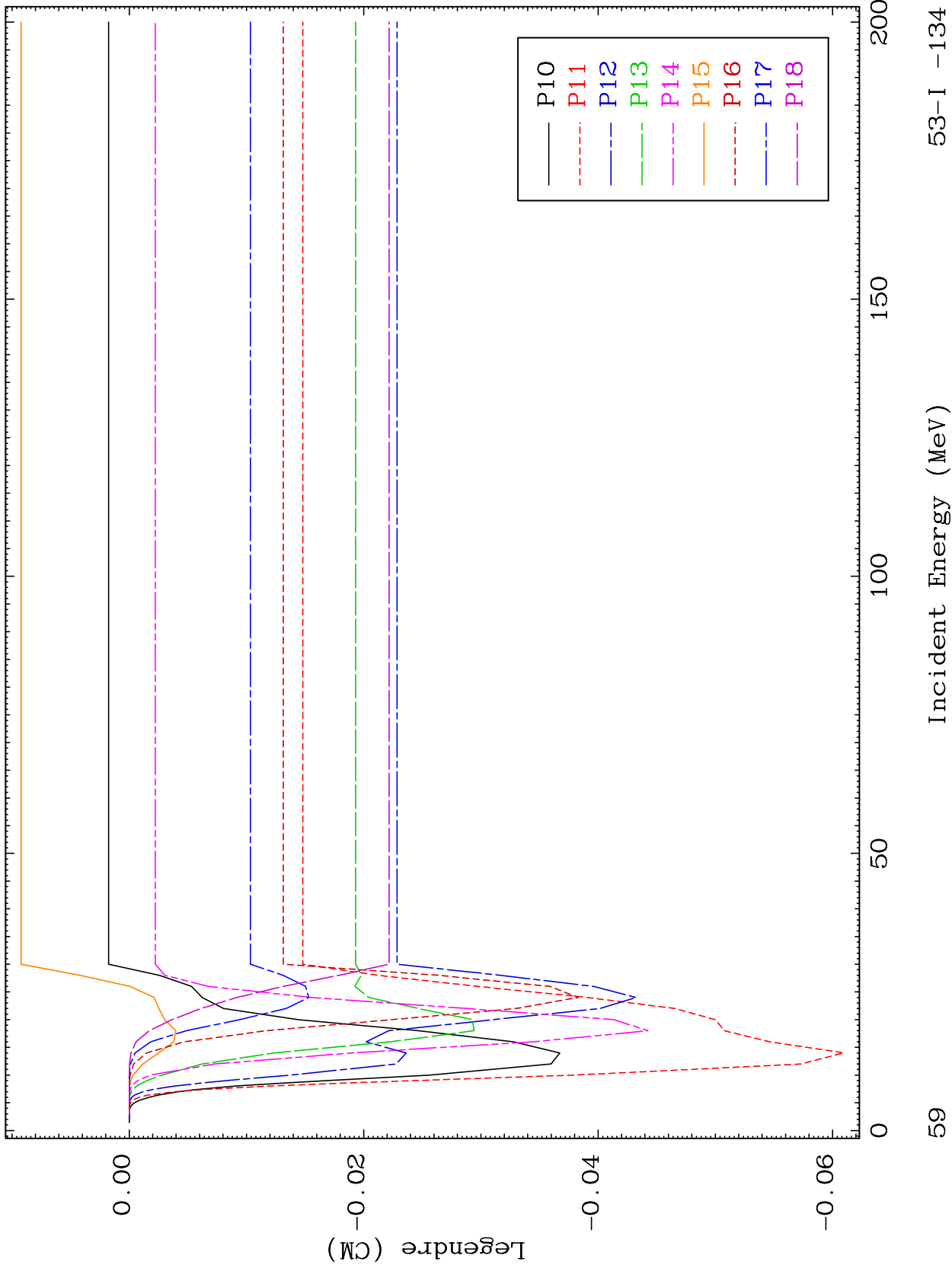
Incident Energy (MeV)

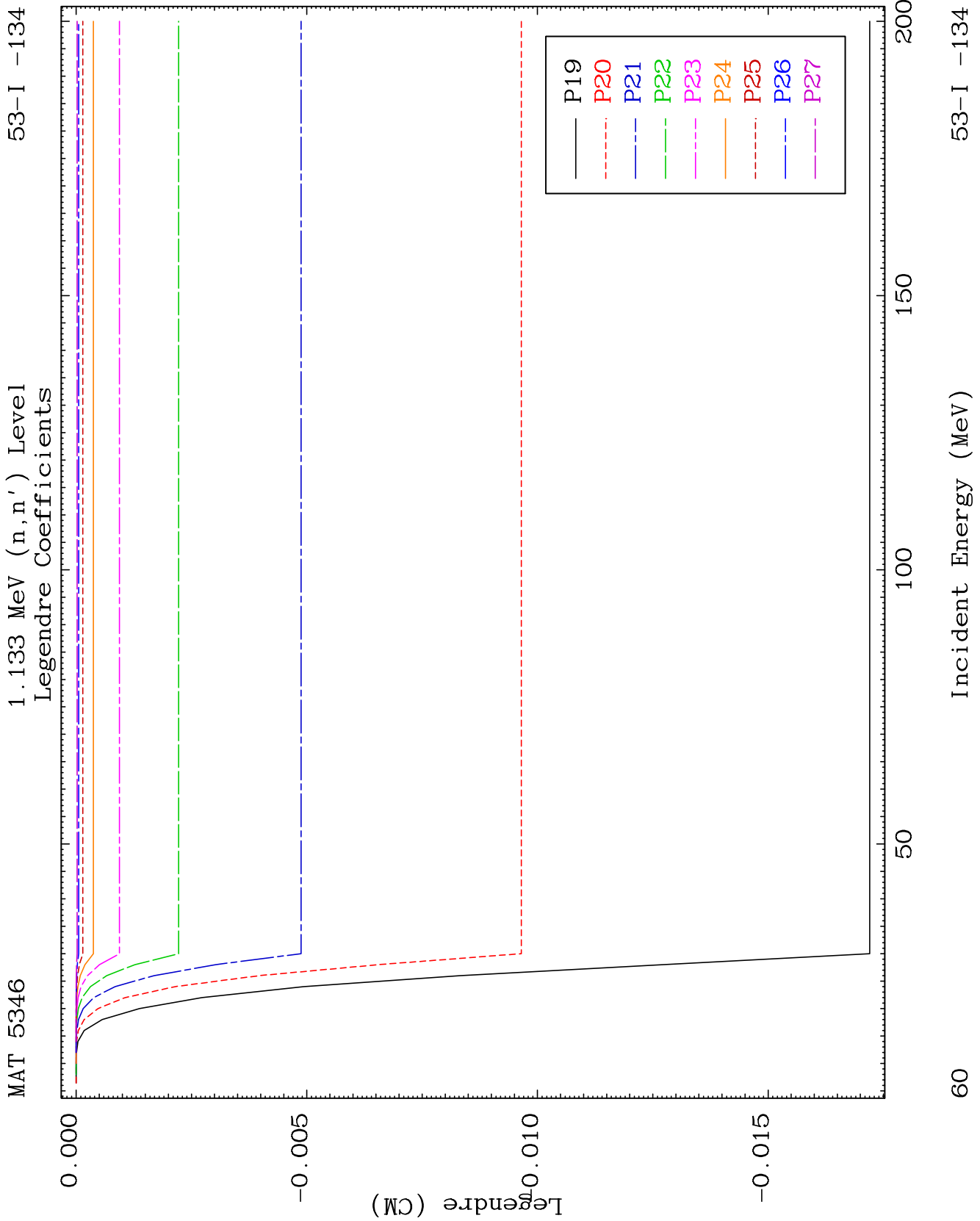
53-I -134







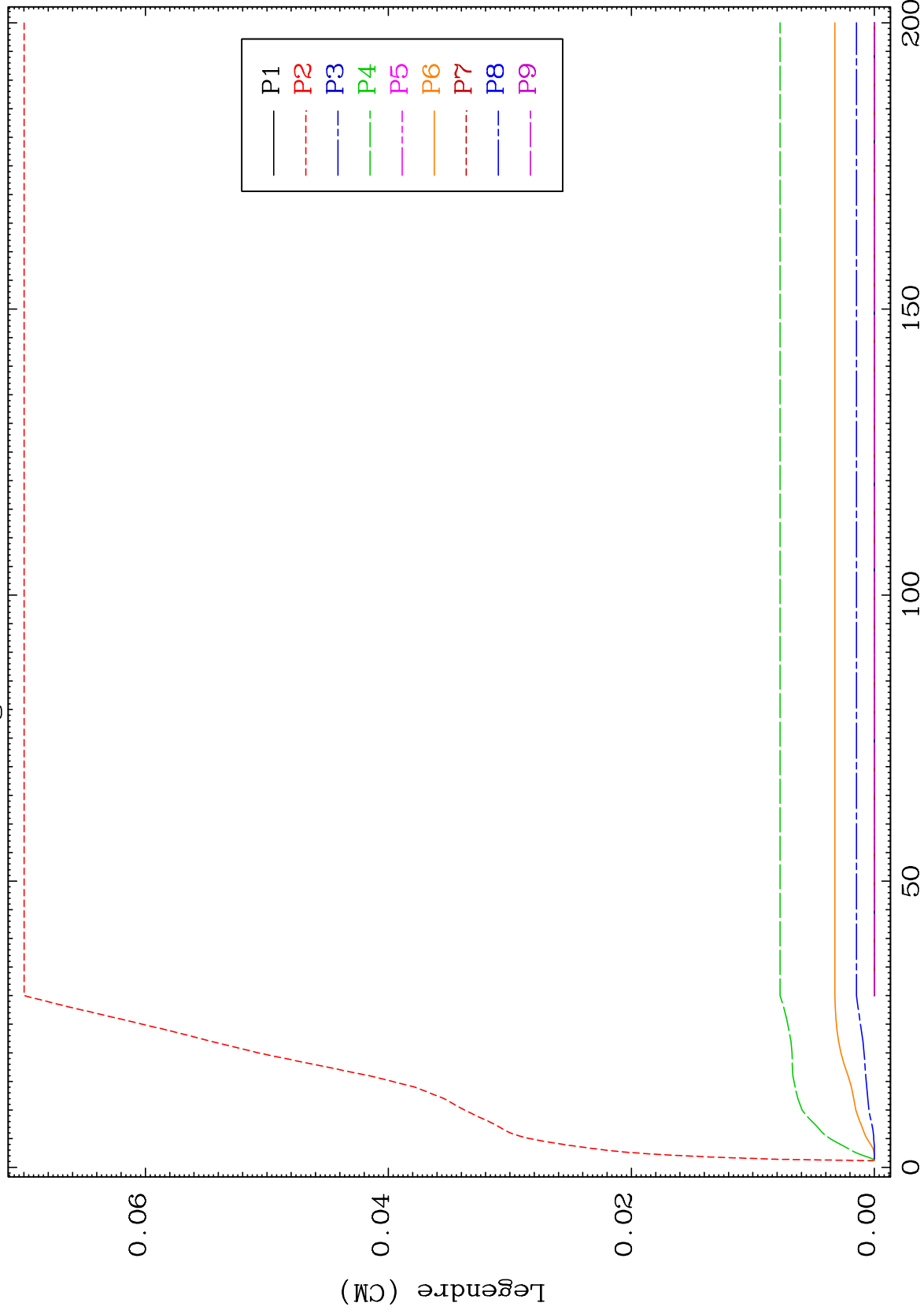




MAT 5346

1.138 MeV (n,n') Level
Legendre Coefficients

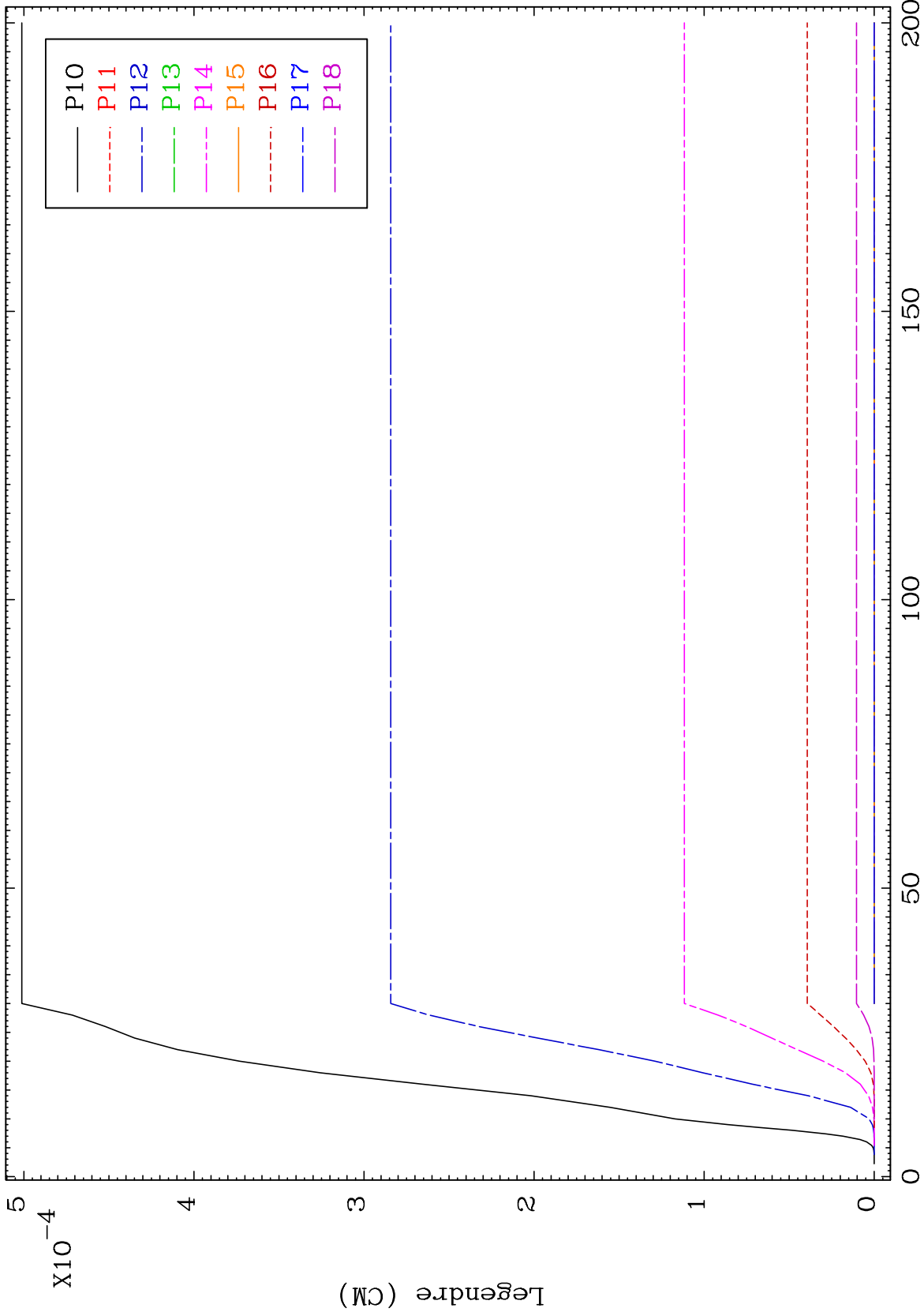
53-I -134



62

Incident Energy (MeV)

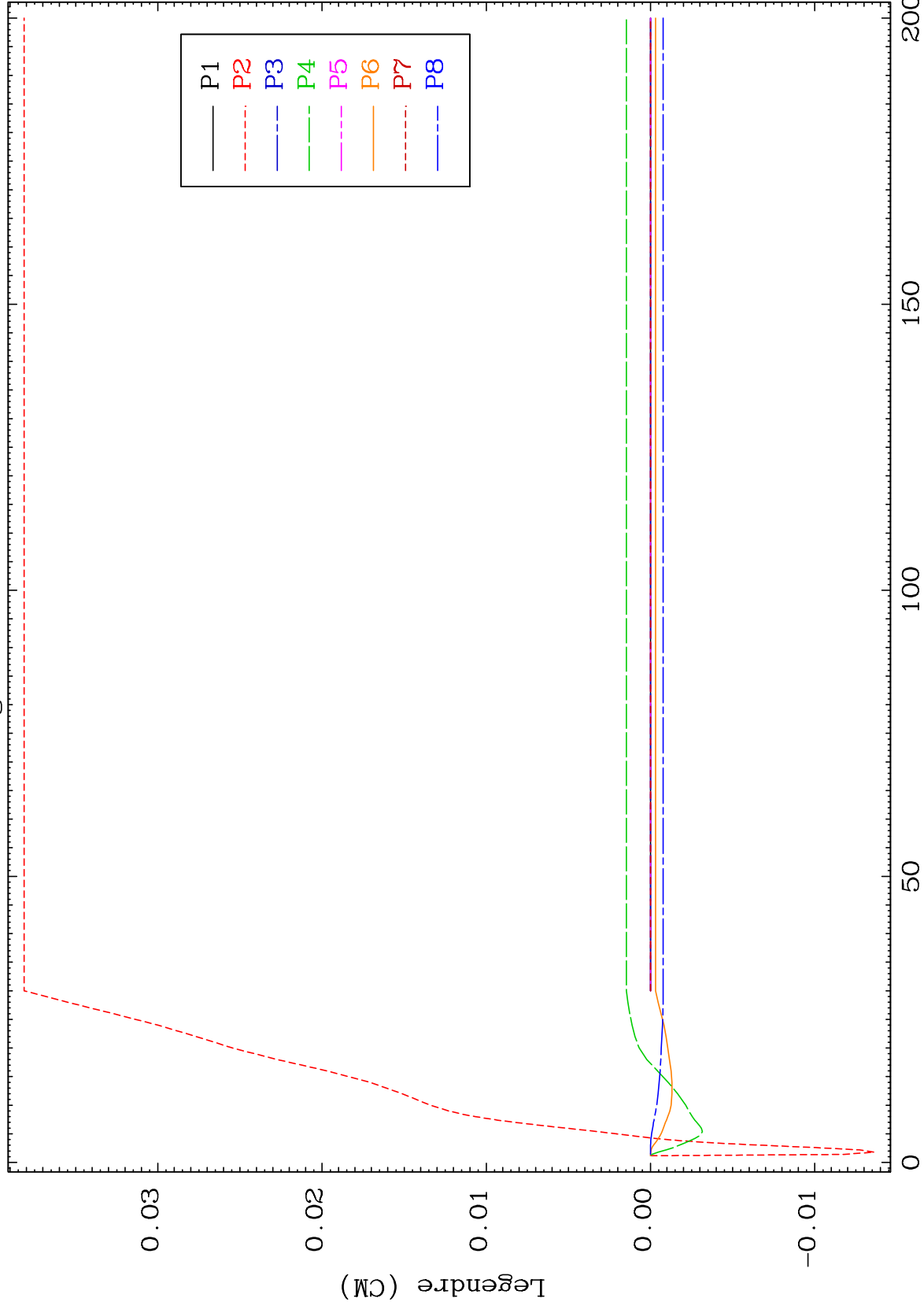
53-I -134



MAT 5346

1.159 MeV (n,n') Level
Legendre Coefficients

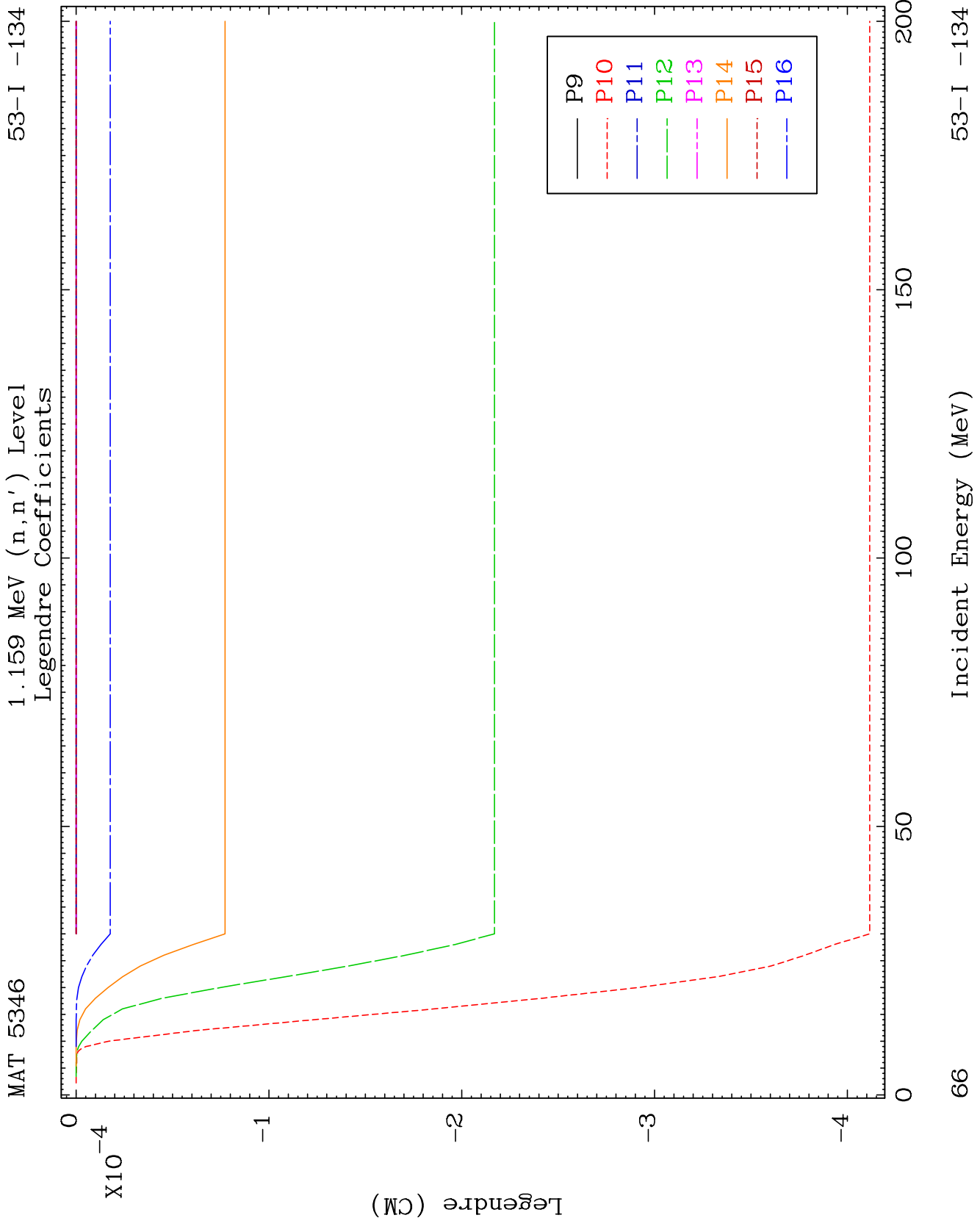
53-I -134



53-I -134

Incident Energy (MeV)

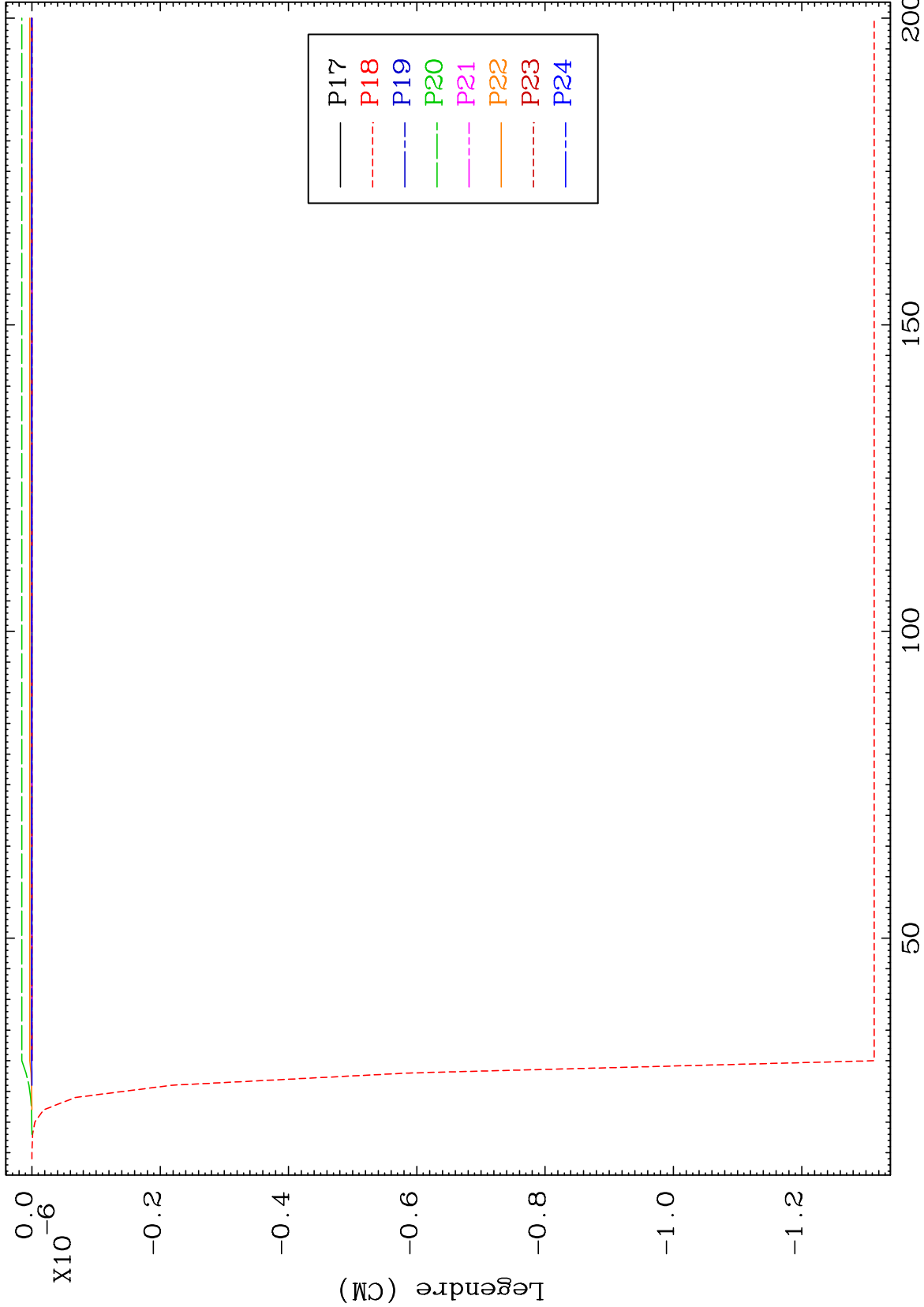
65



MAT 5346

1.159 MeV (n,n') Level
Legendre Coefficients

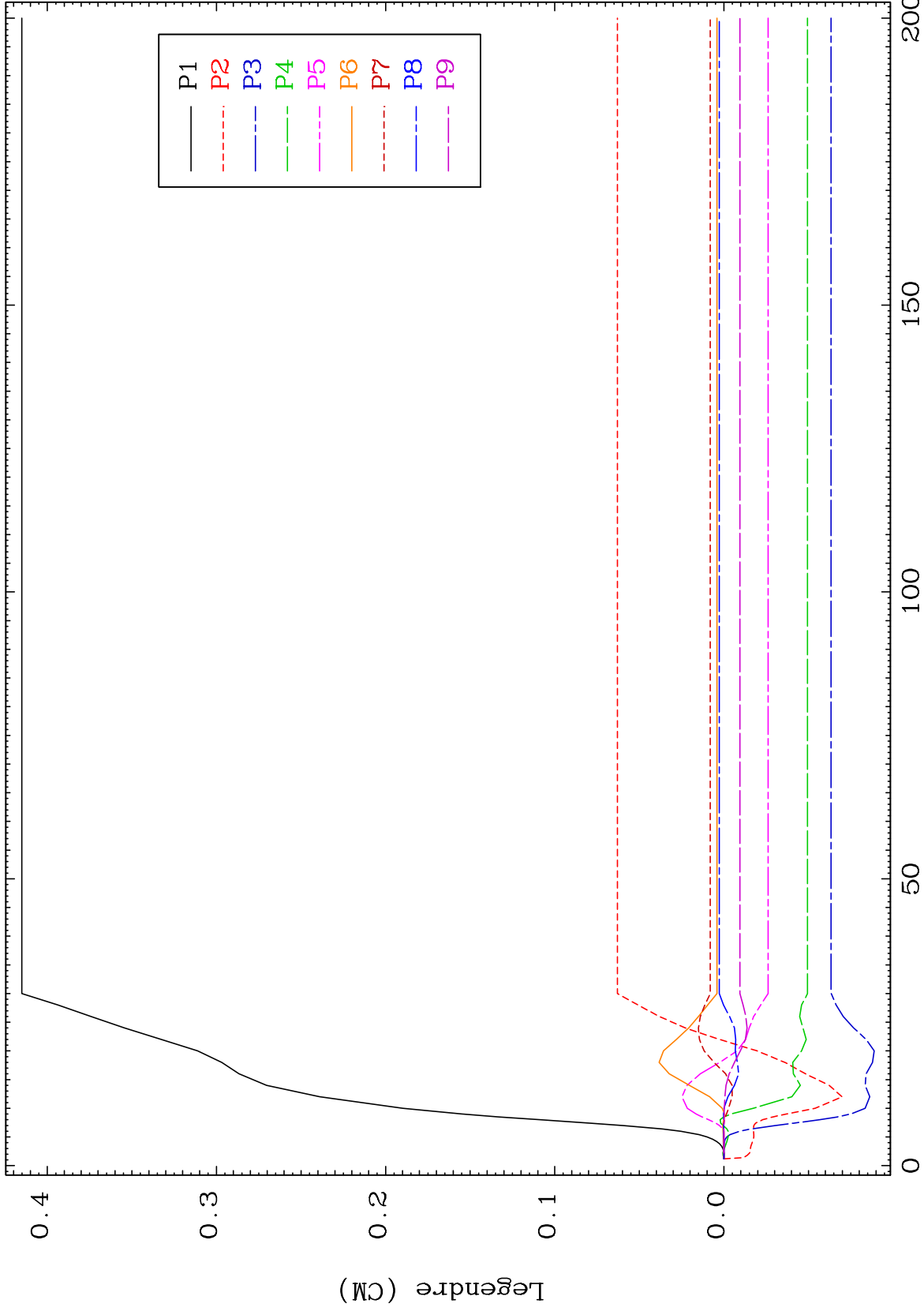
53-I -134



67

Incident Energy (MeV)

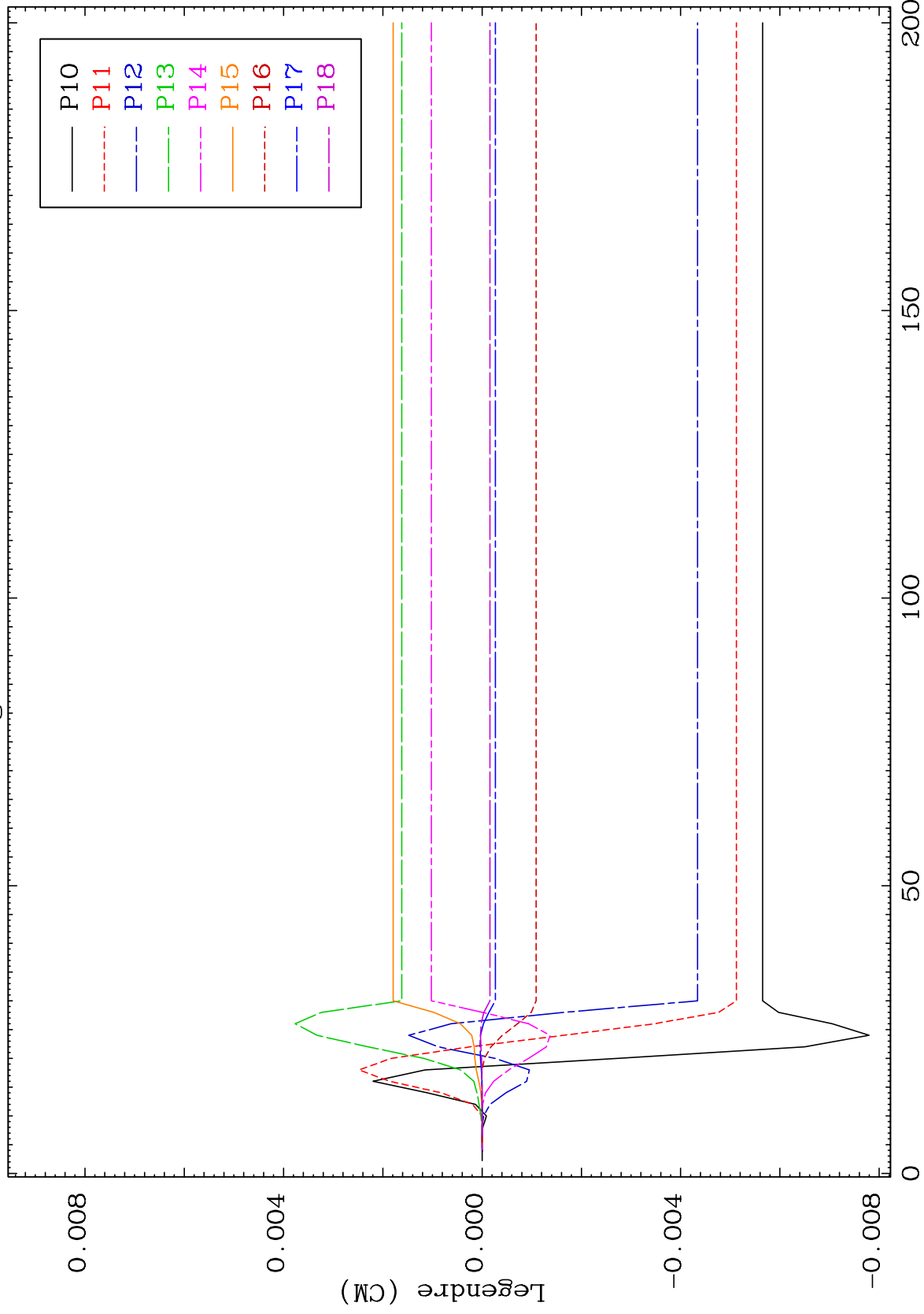
53-I -134



MAT 5346

1.166 MeV (n,n') Level
Legendre Coefficients

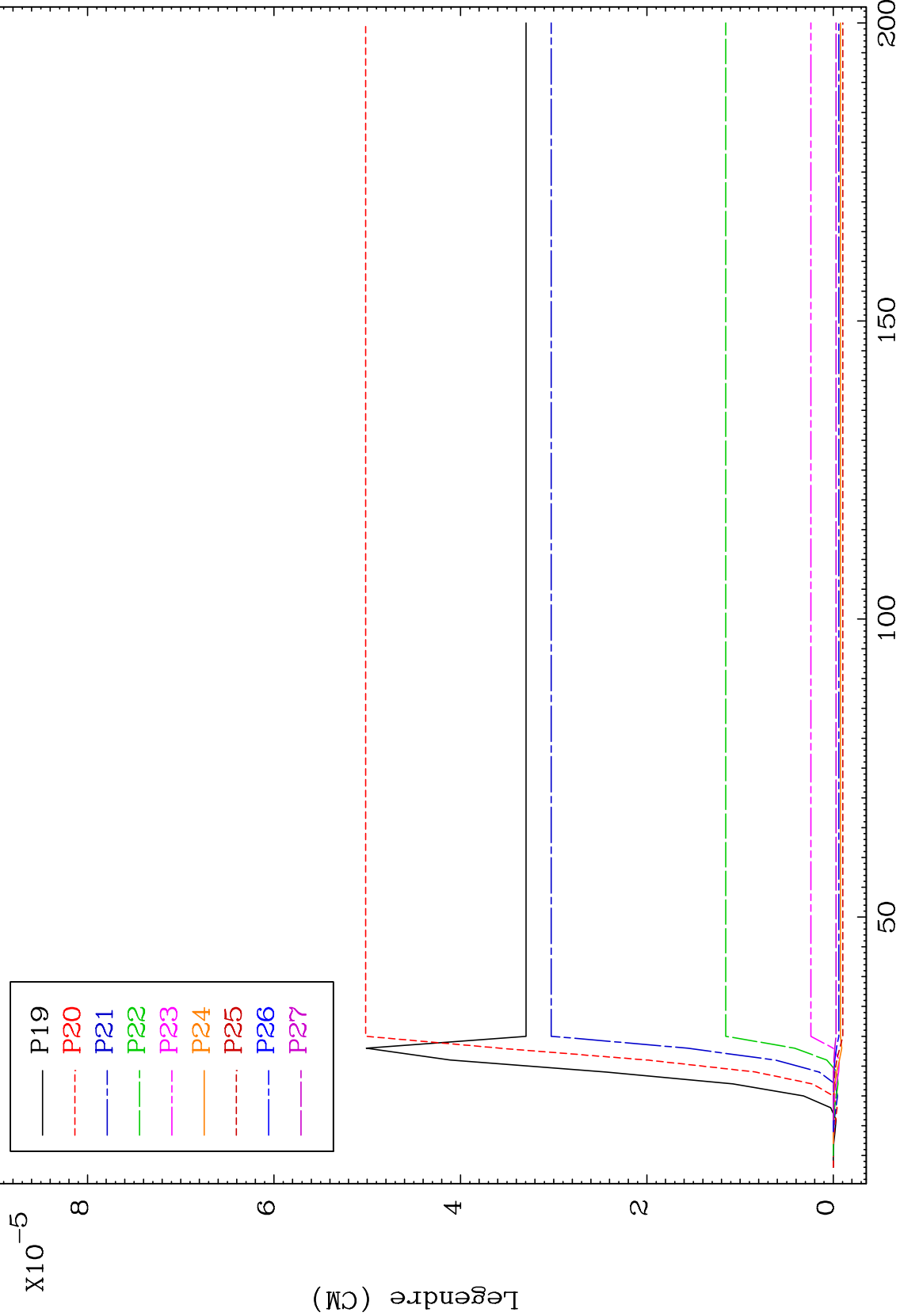
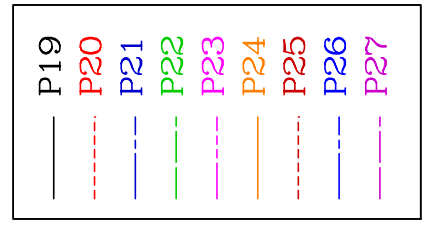
53-I -134

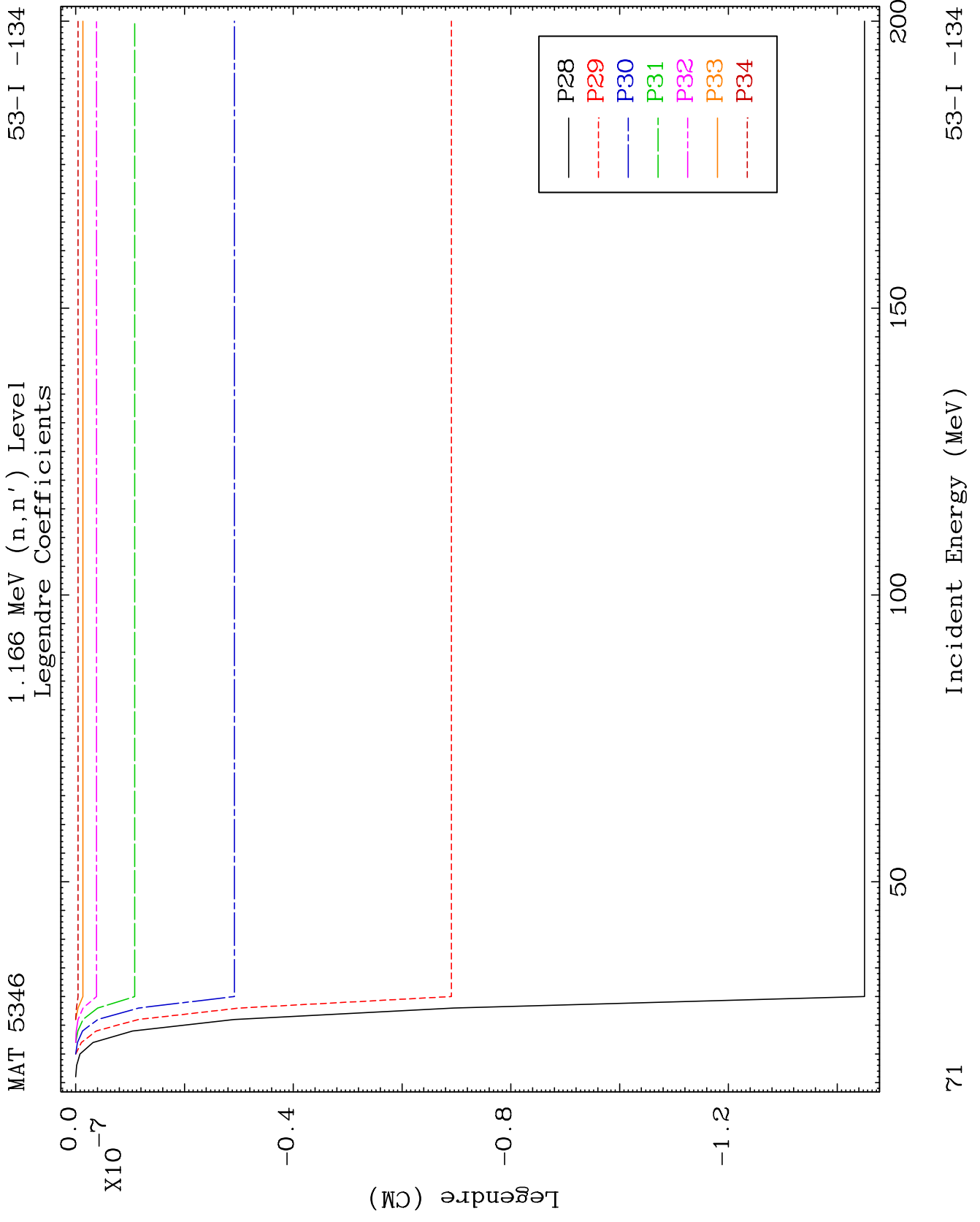


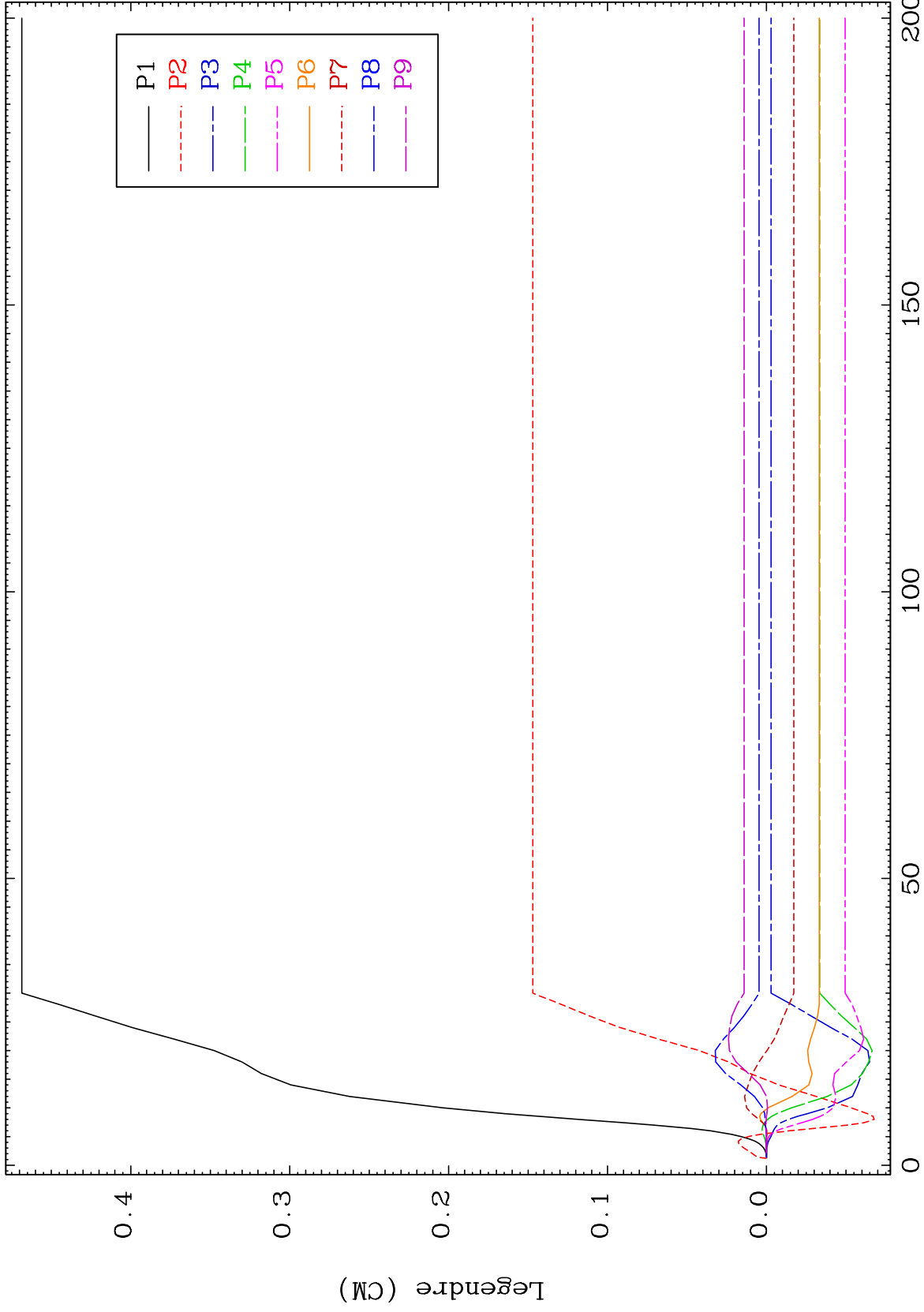
69

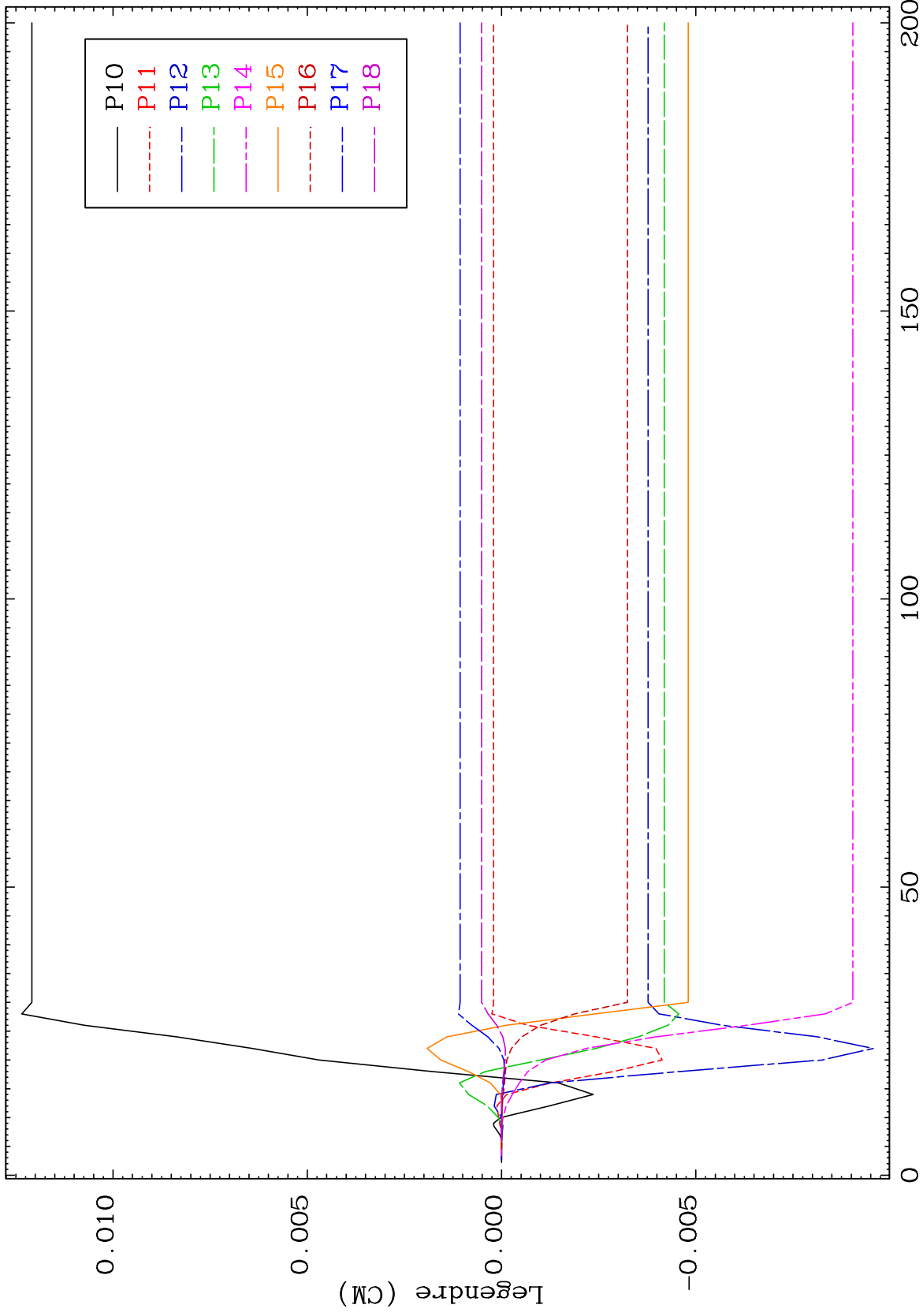
Incident Energy (MeV)

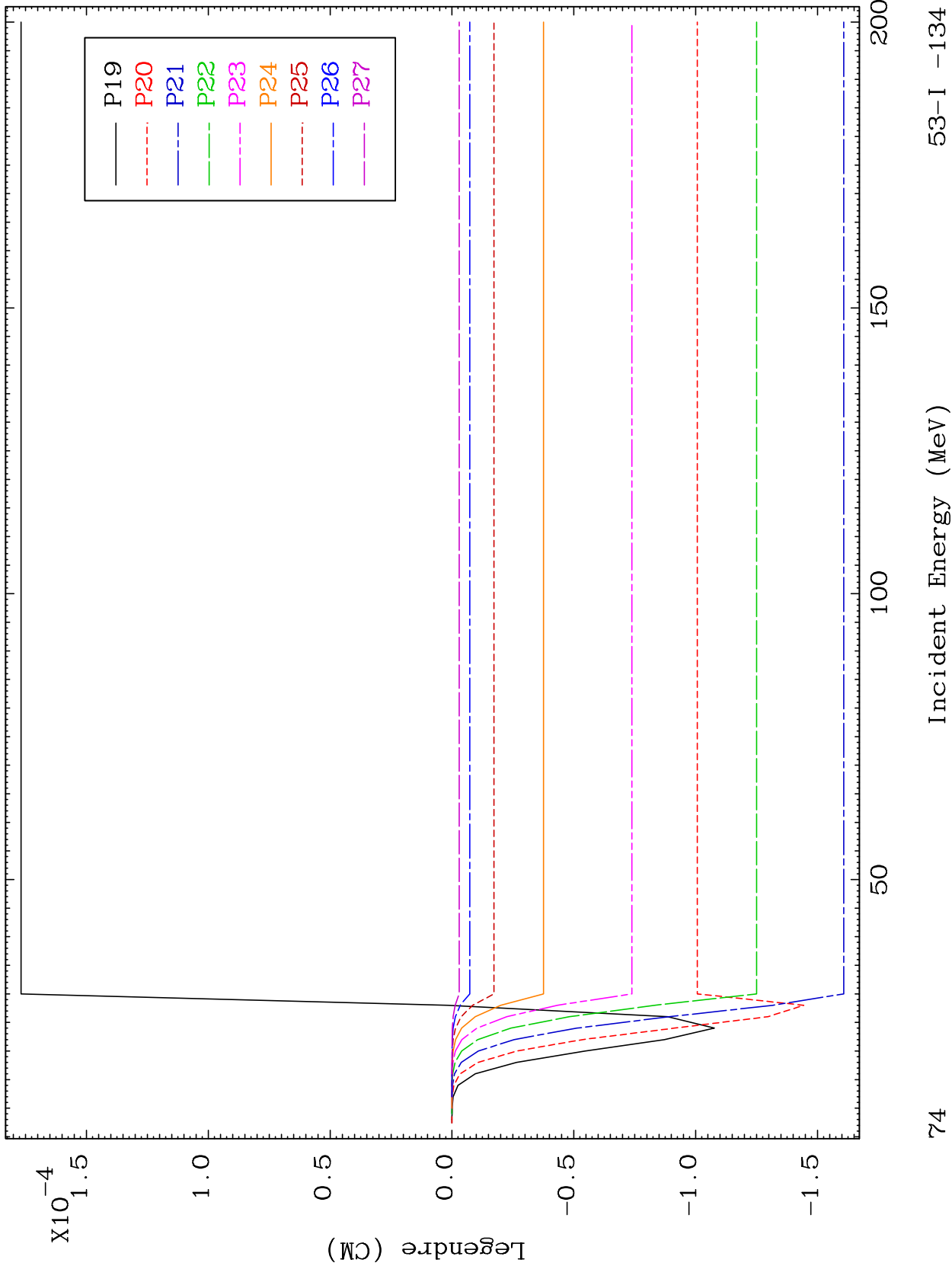
53-I -134

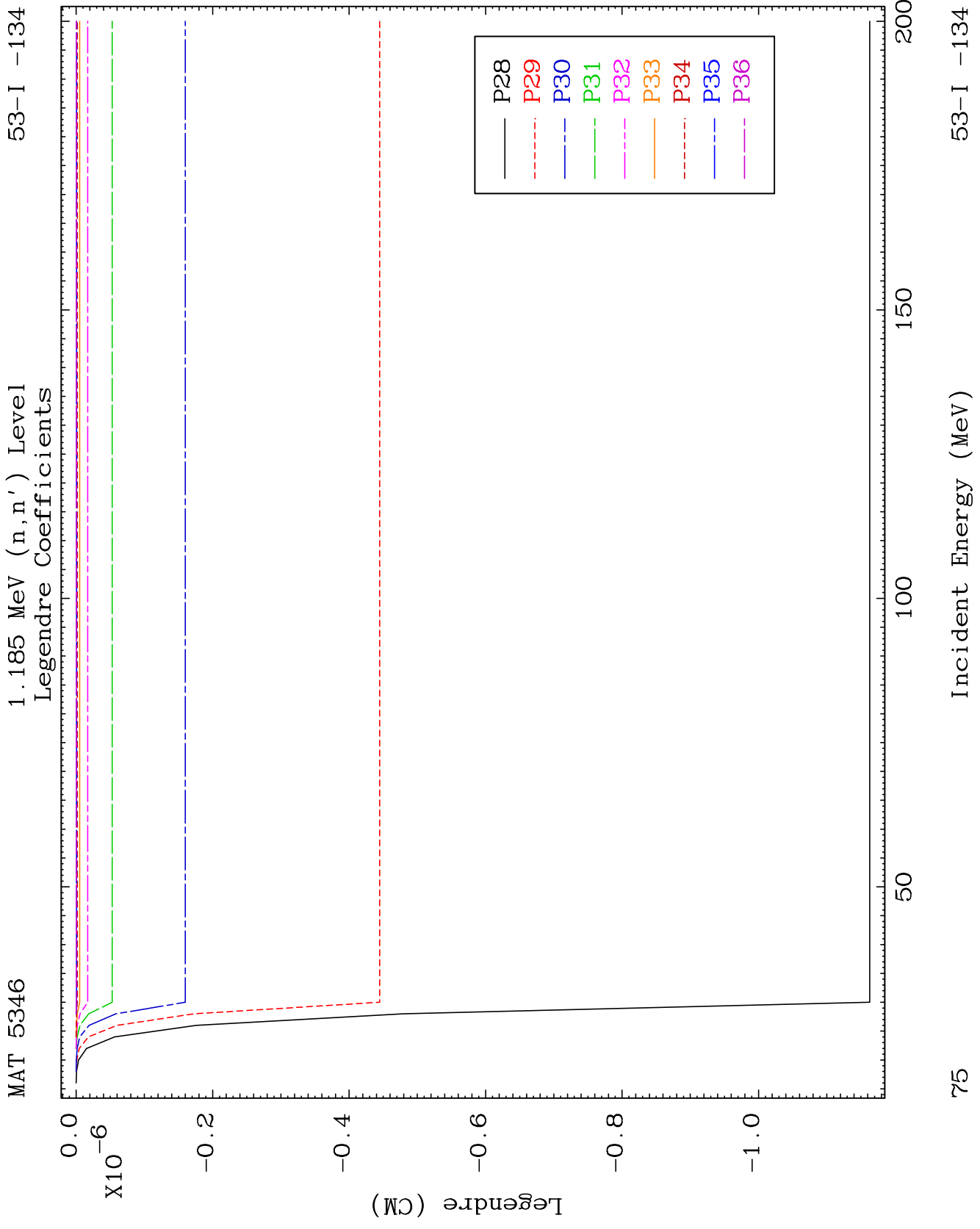








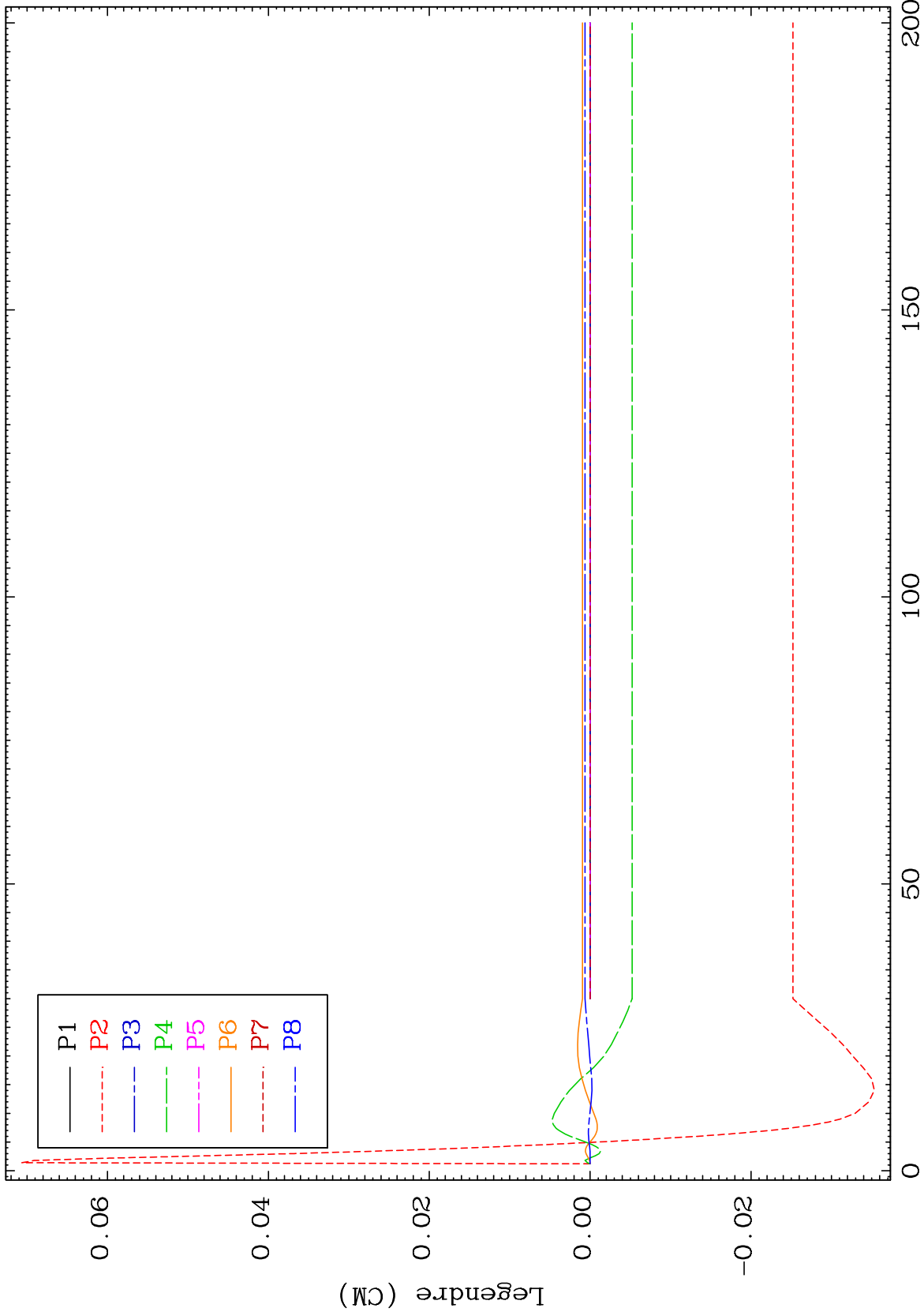




MAT 5346

1.200 MeV (n,n') Level
Legendre Coefficients

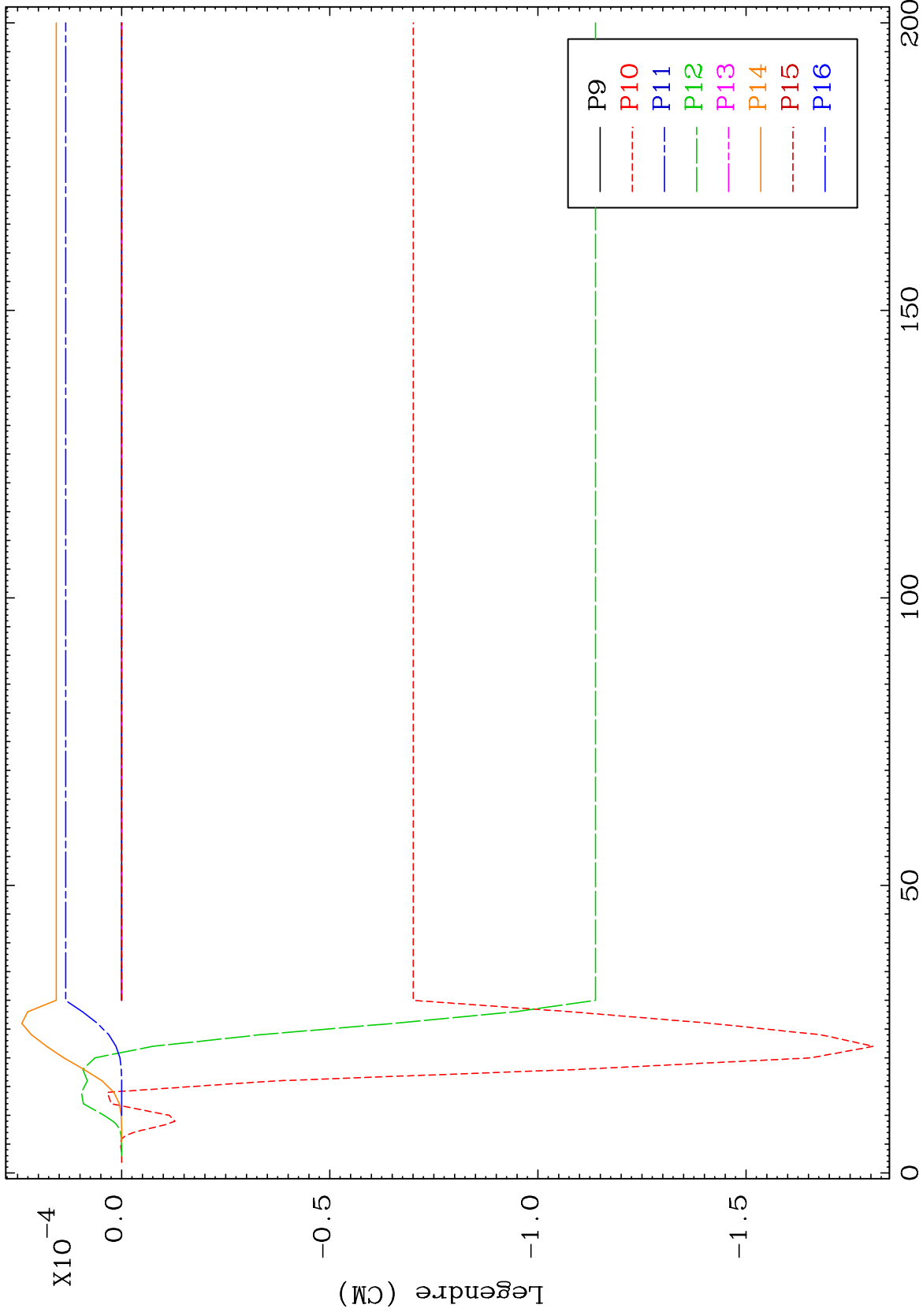
53-I -134

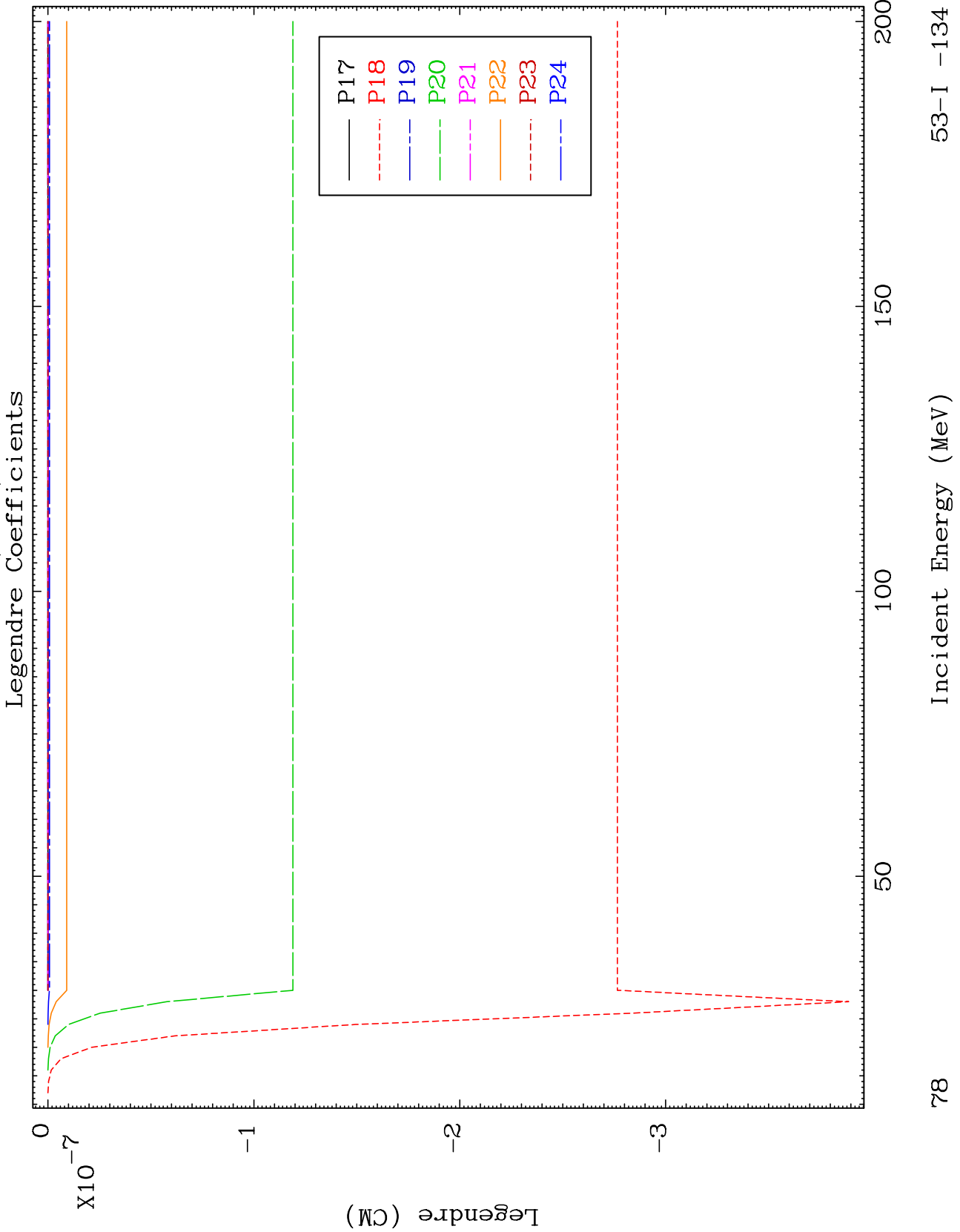


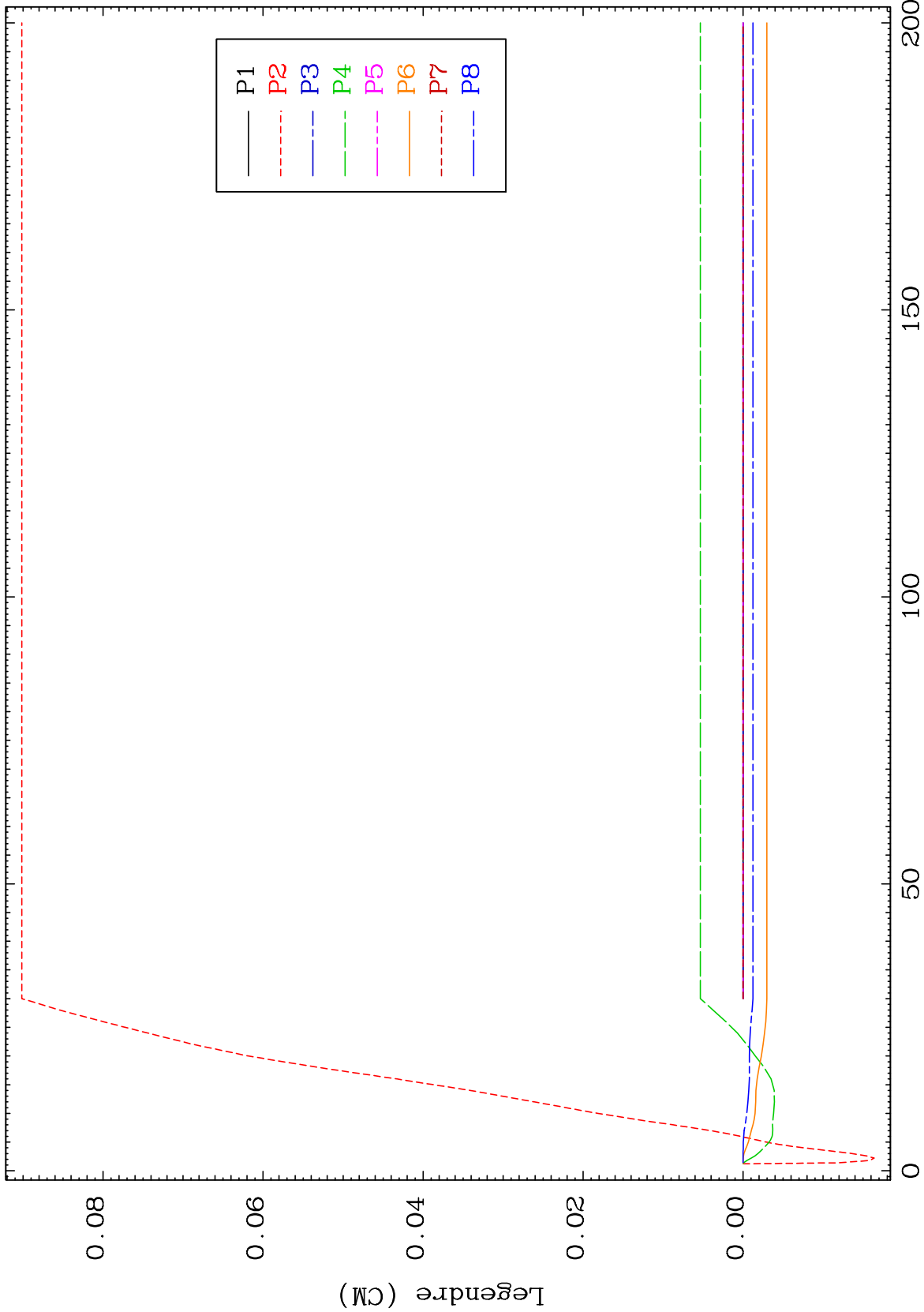
76

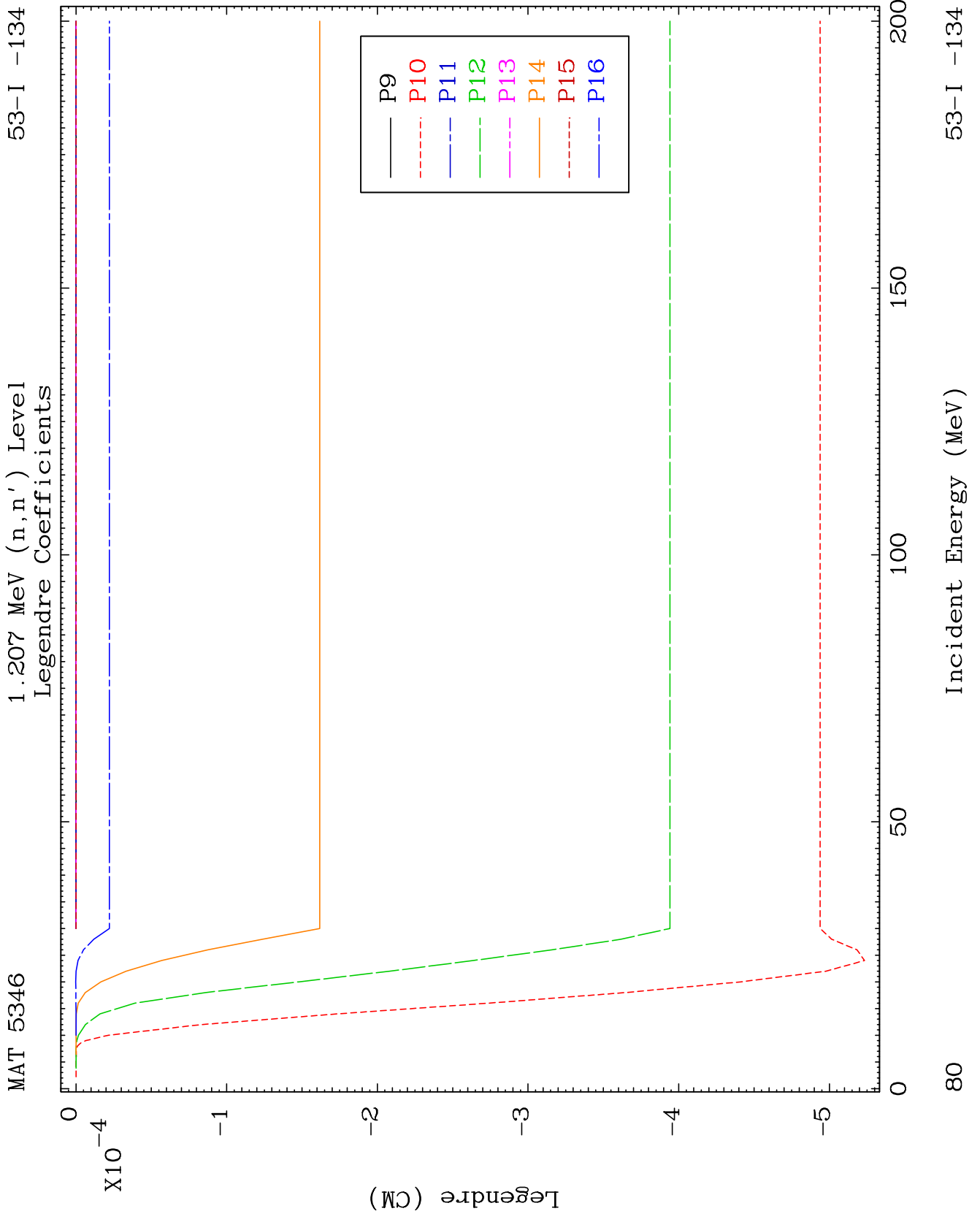
Incident Energy (MeV)

53-I -134





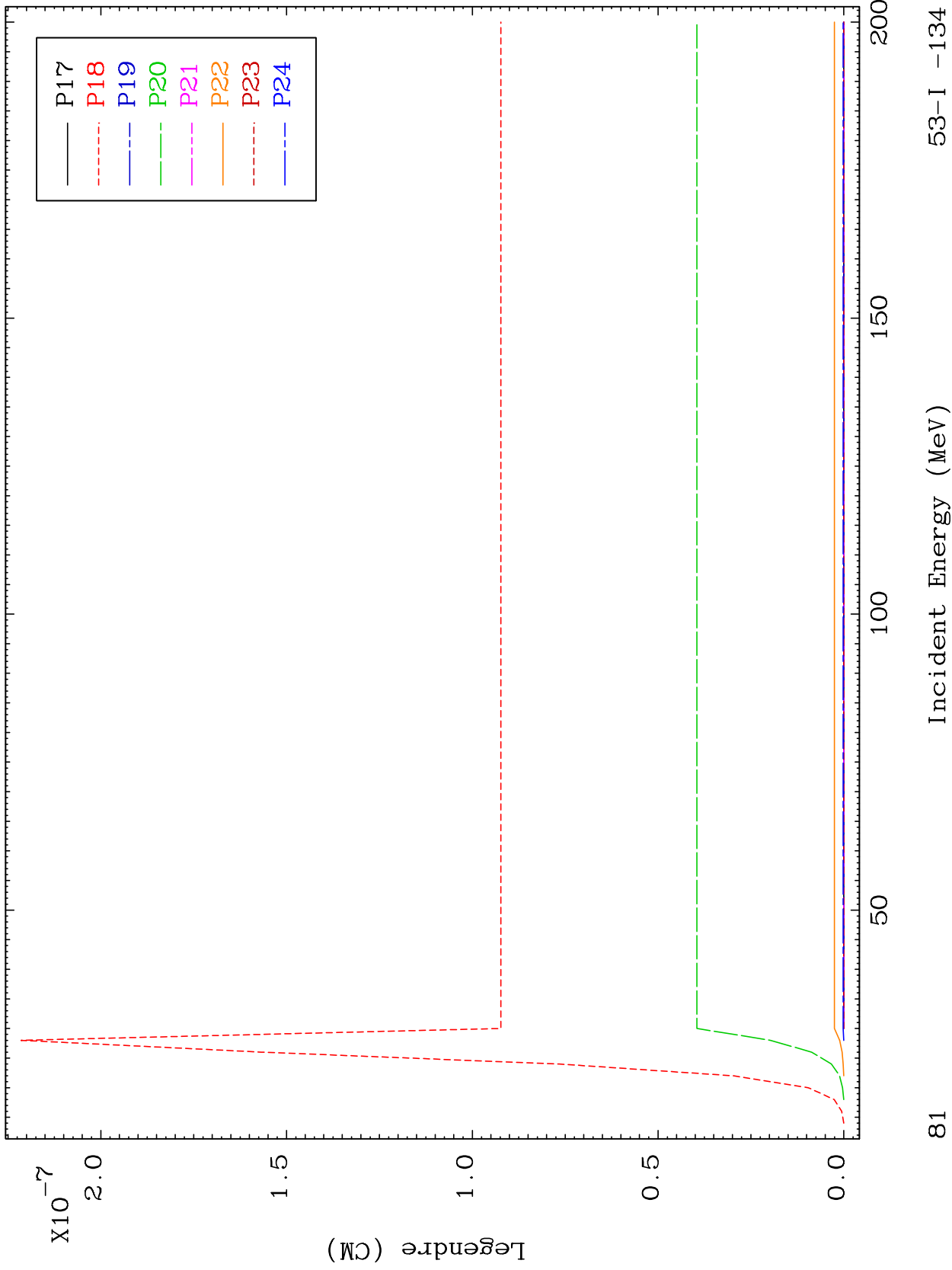




MAT 5346

1.207 MeV (n,n') Level
Legendre Coefficients

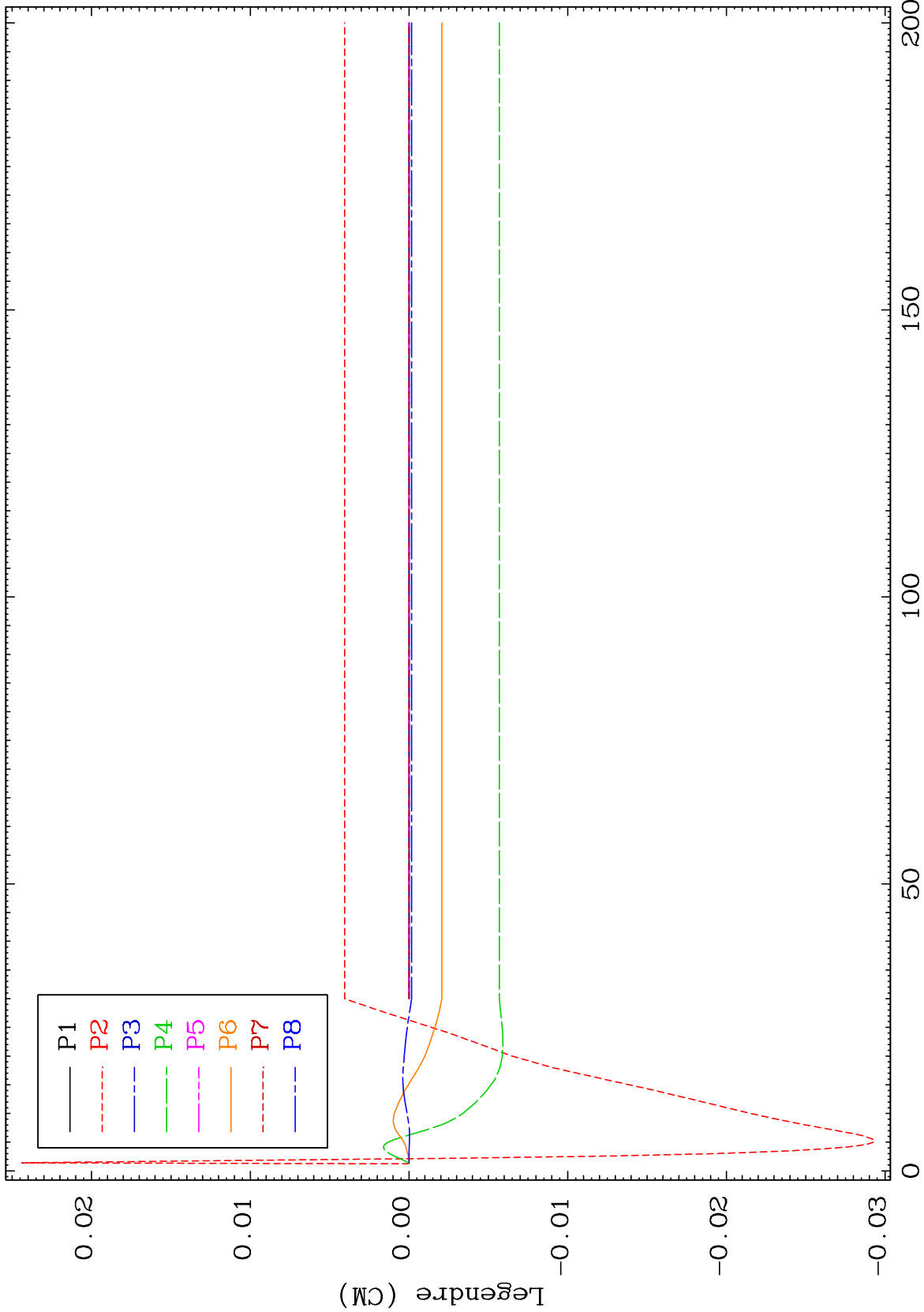
53-I -134

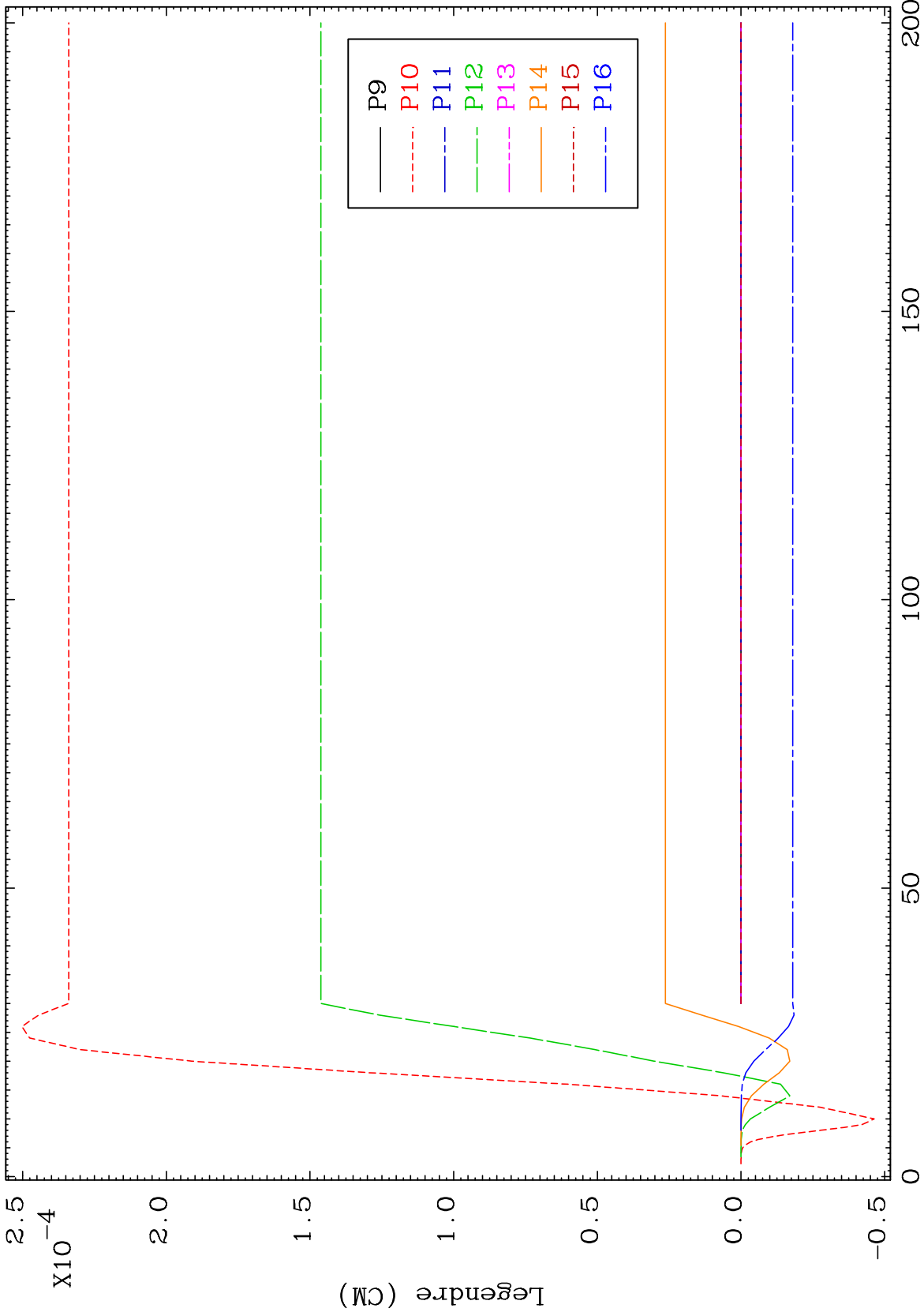


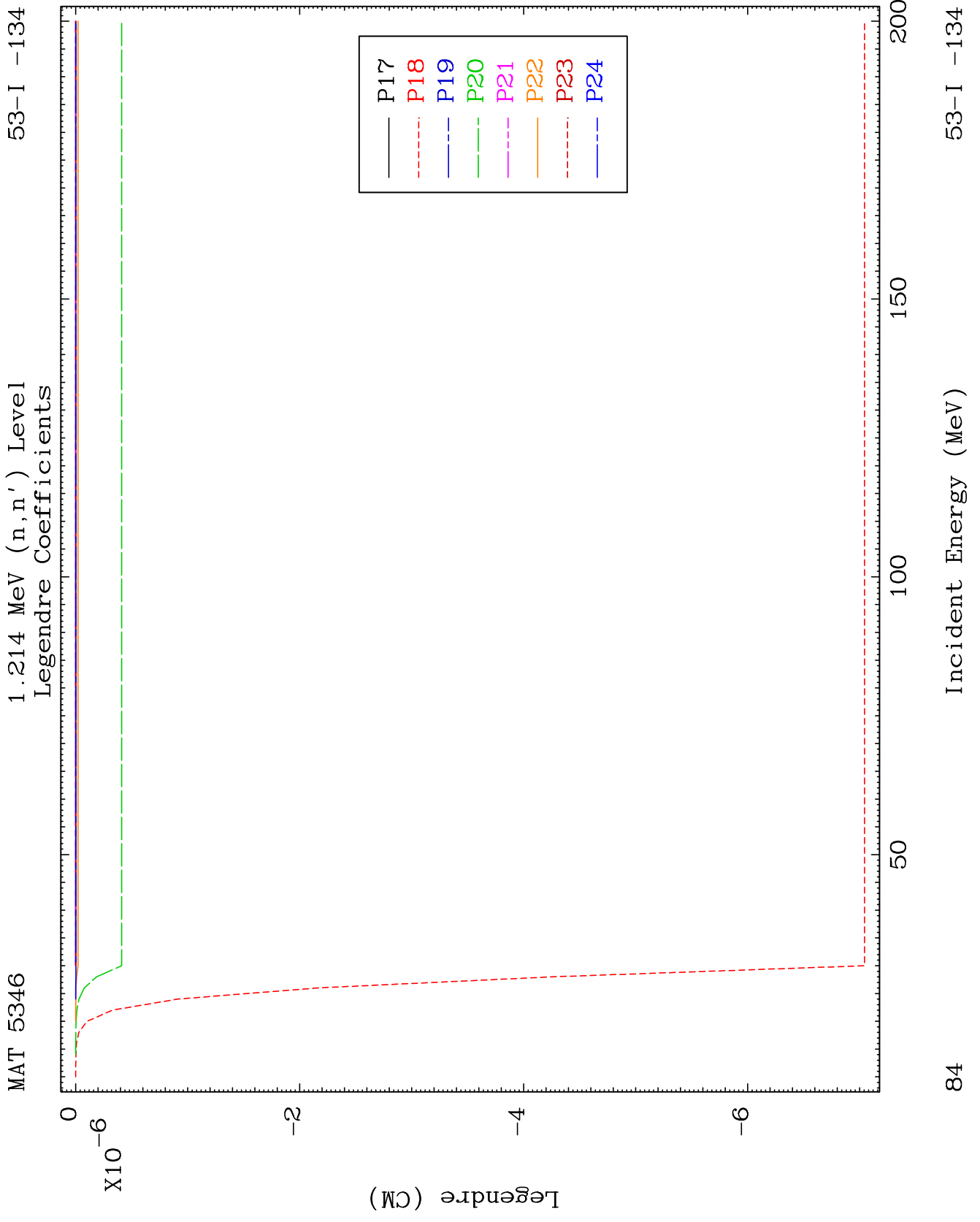
81

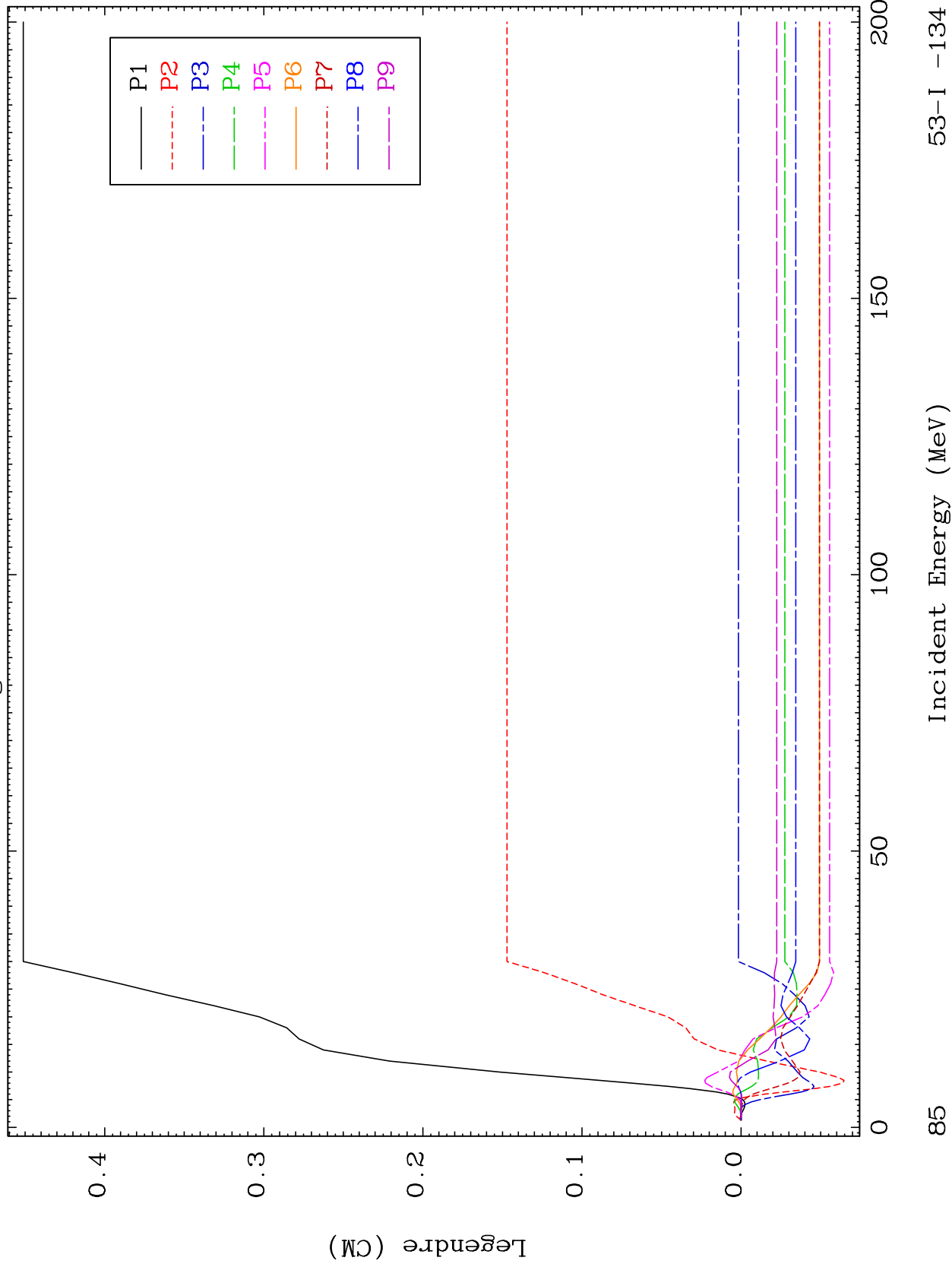
Incident Energy (MeV)

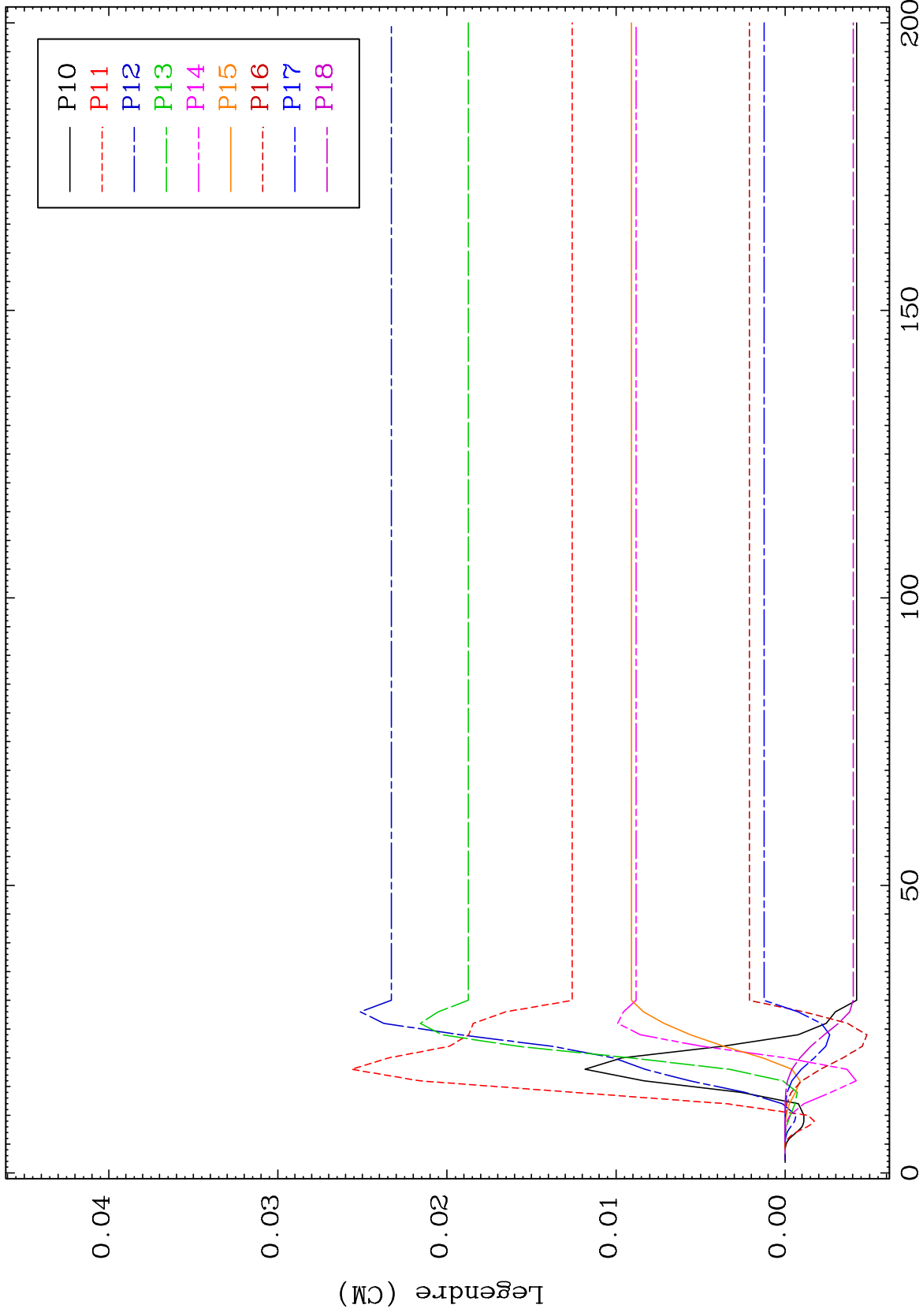
53-I -134

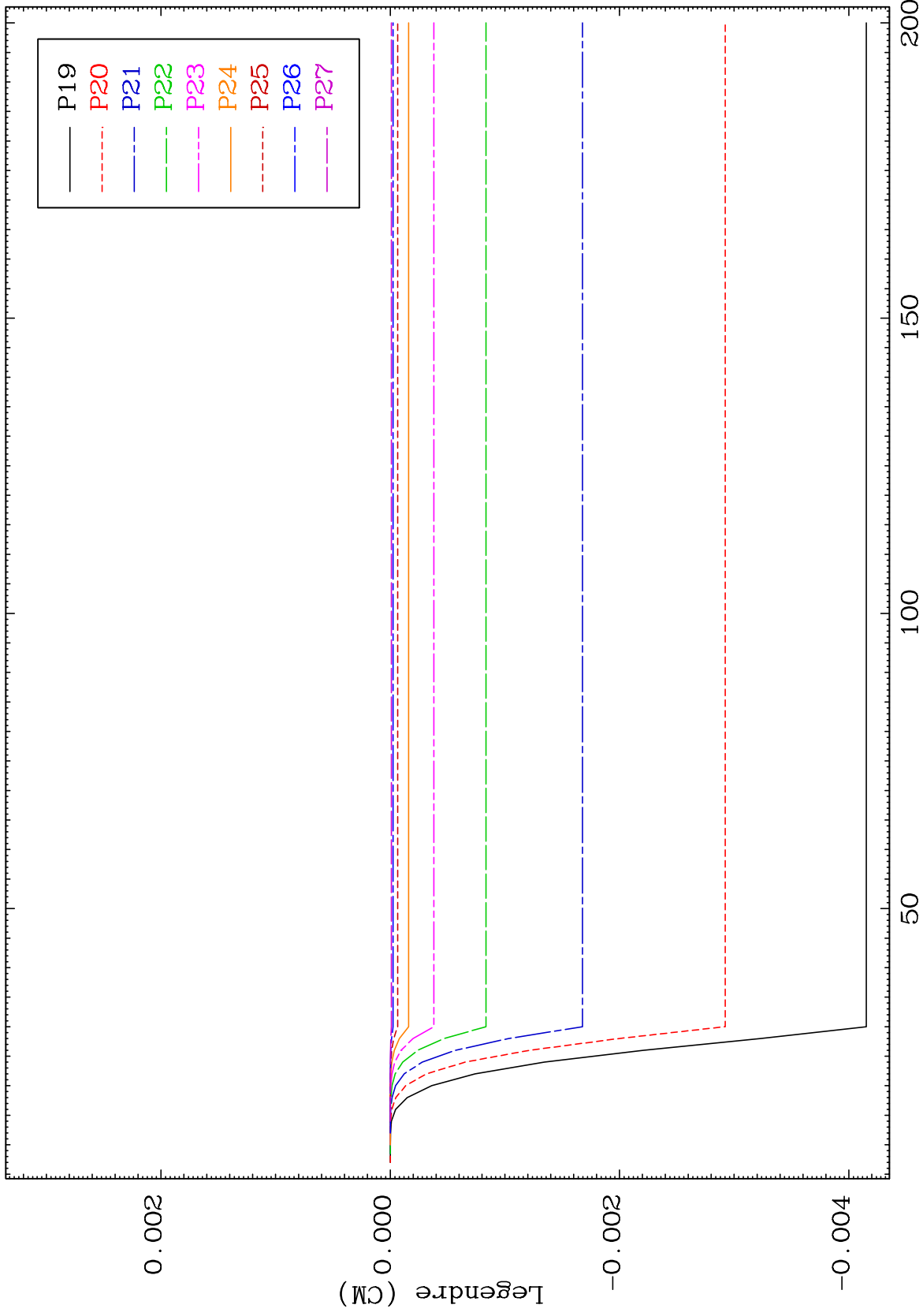


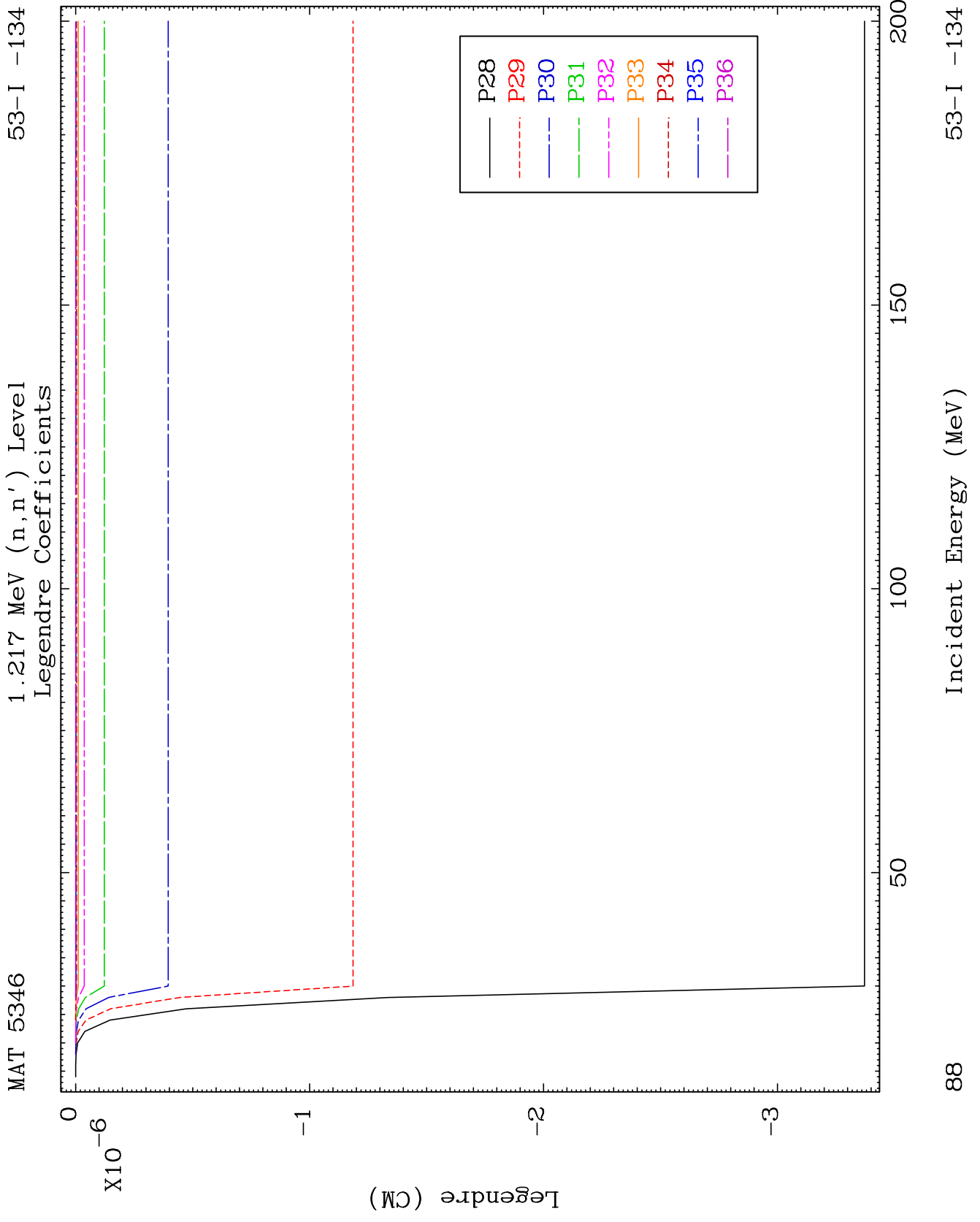








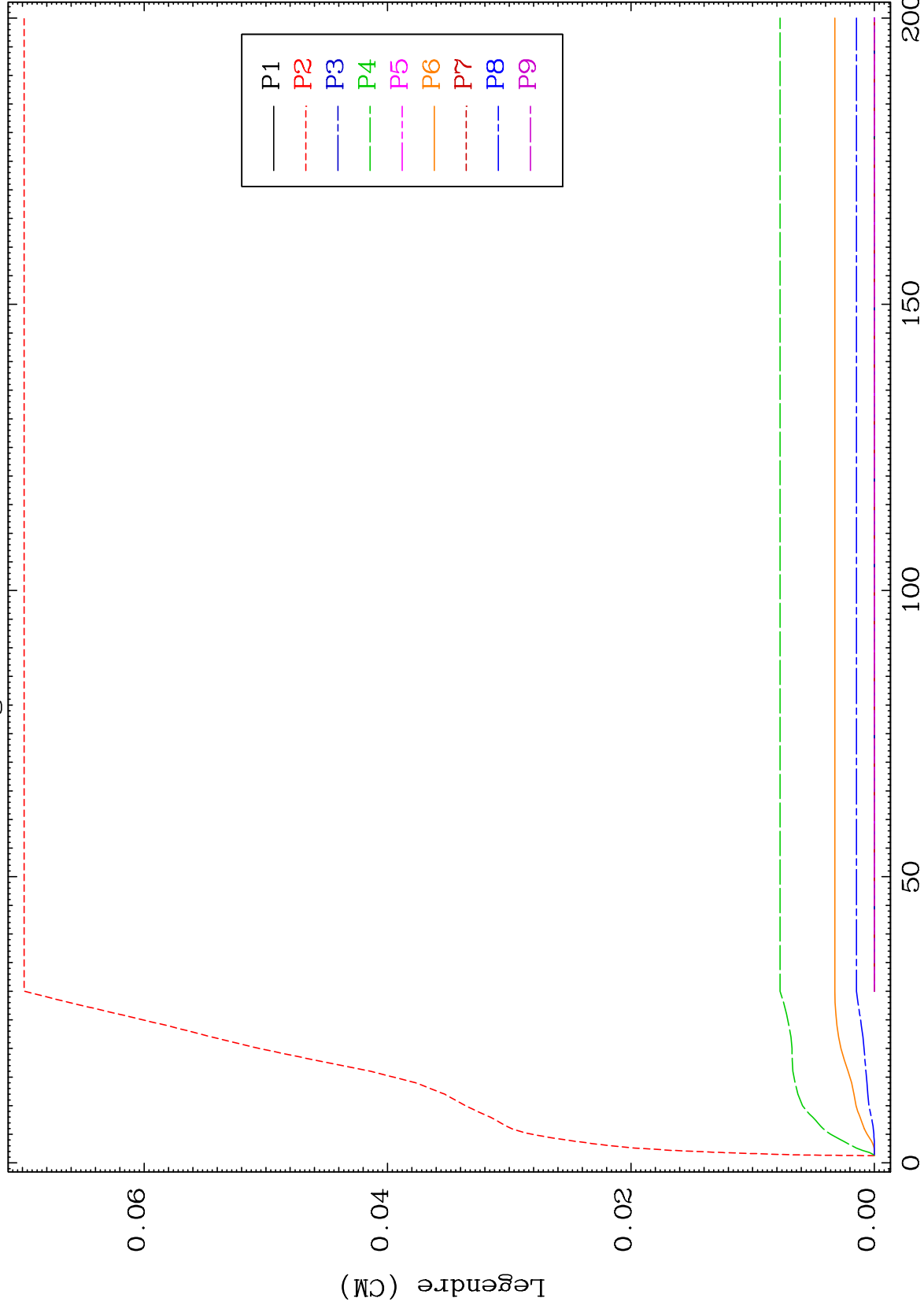




MAT 5346

1.244 MeV (n,n') Level
Legendre Coefficients

53-I -134



53-I -134

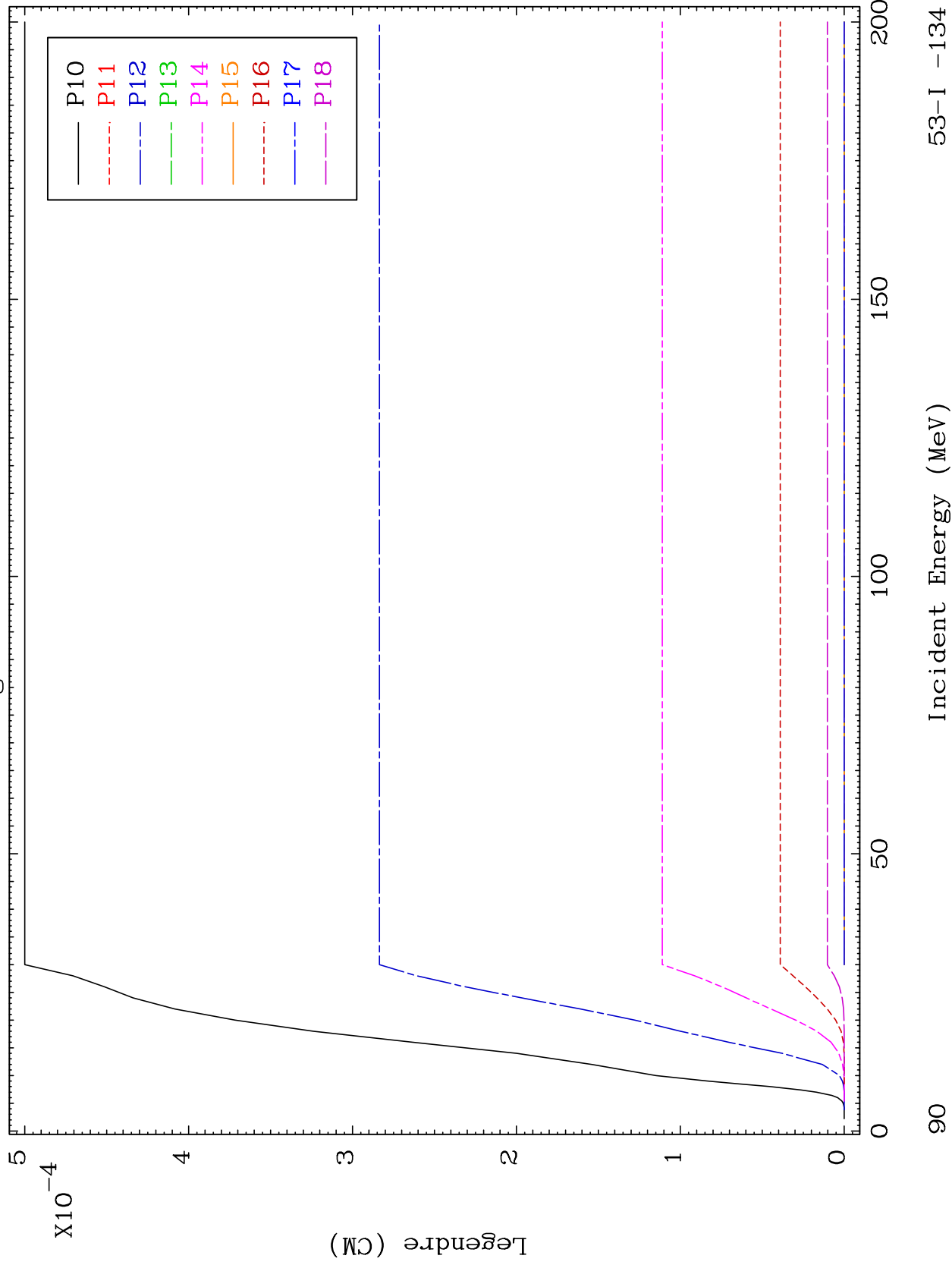
Incident Energy (MeV)

89

MAT 5346

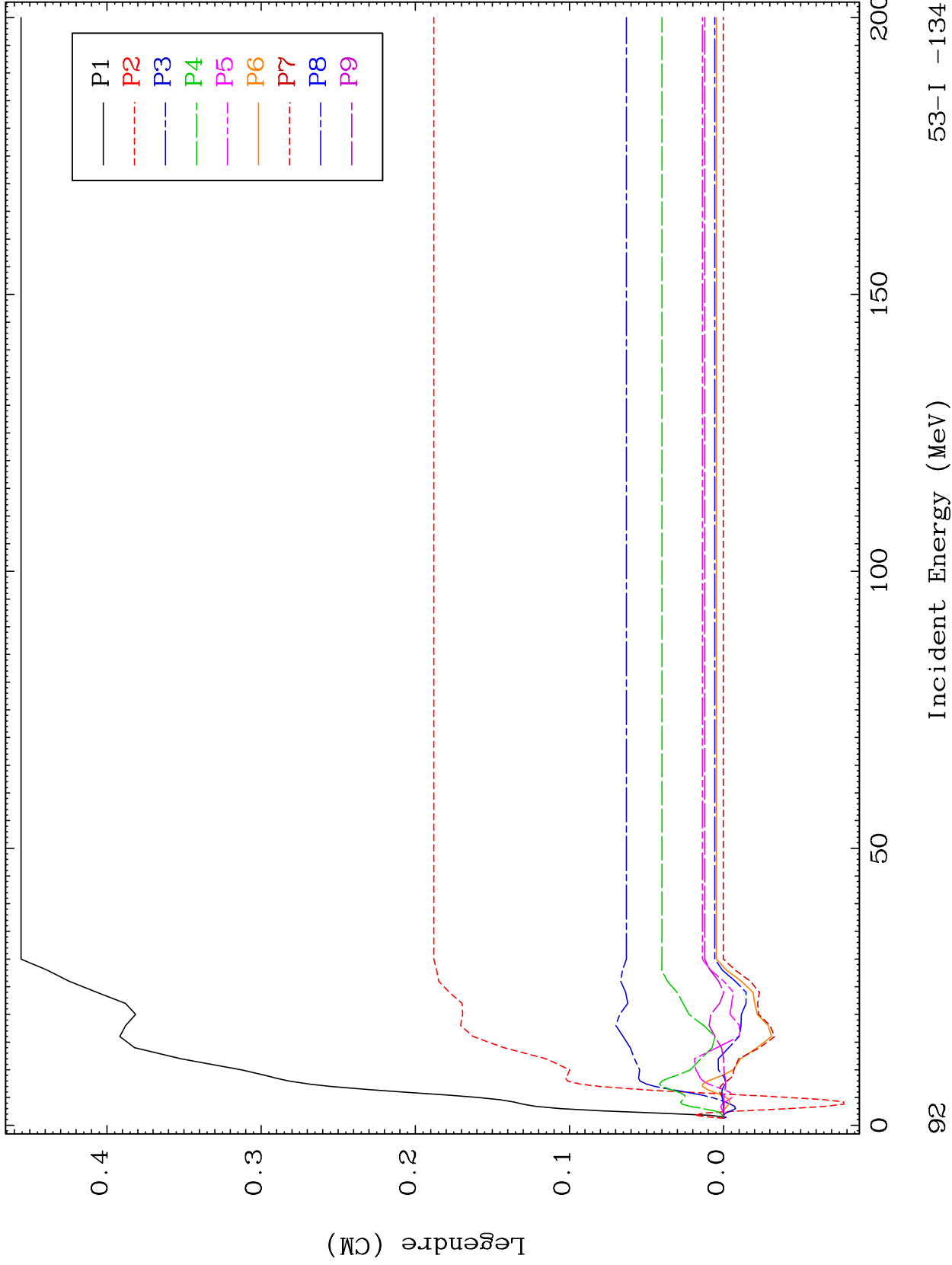
1.244 MeV (n,n') Level
Legendre Coefficients

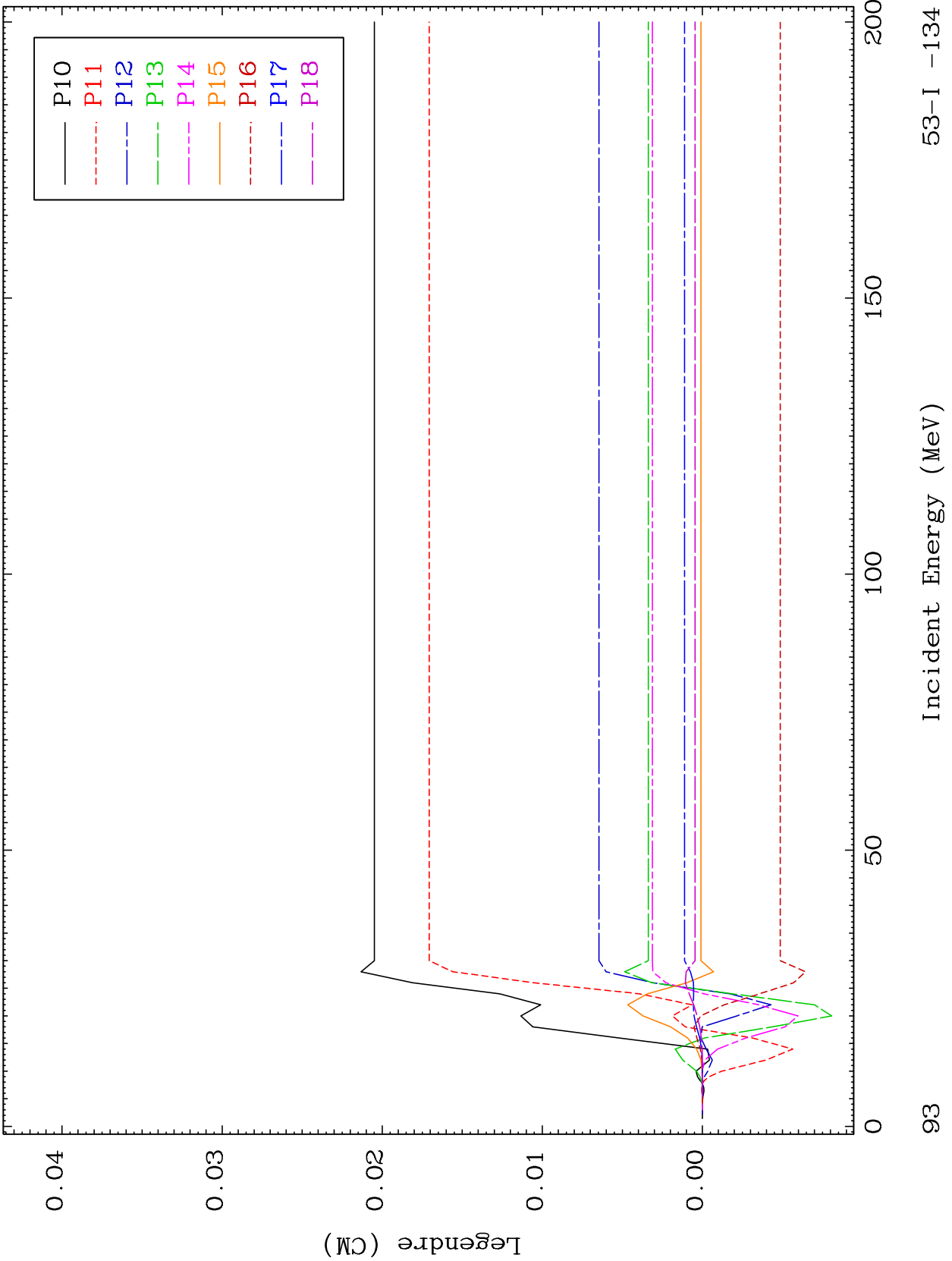
53-I -134

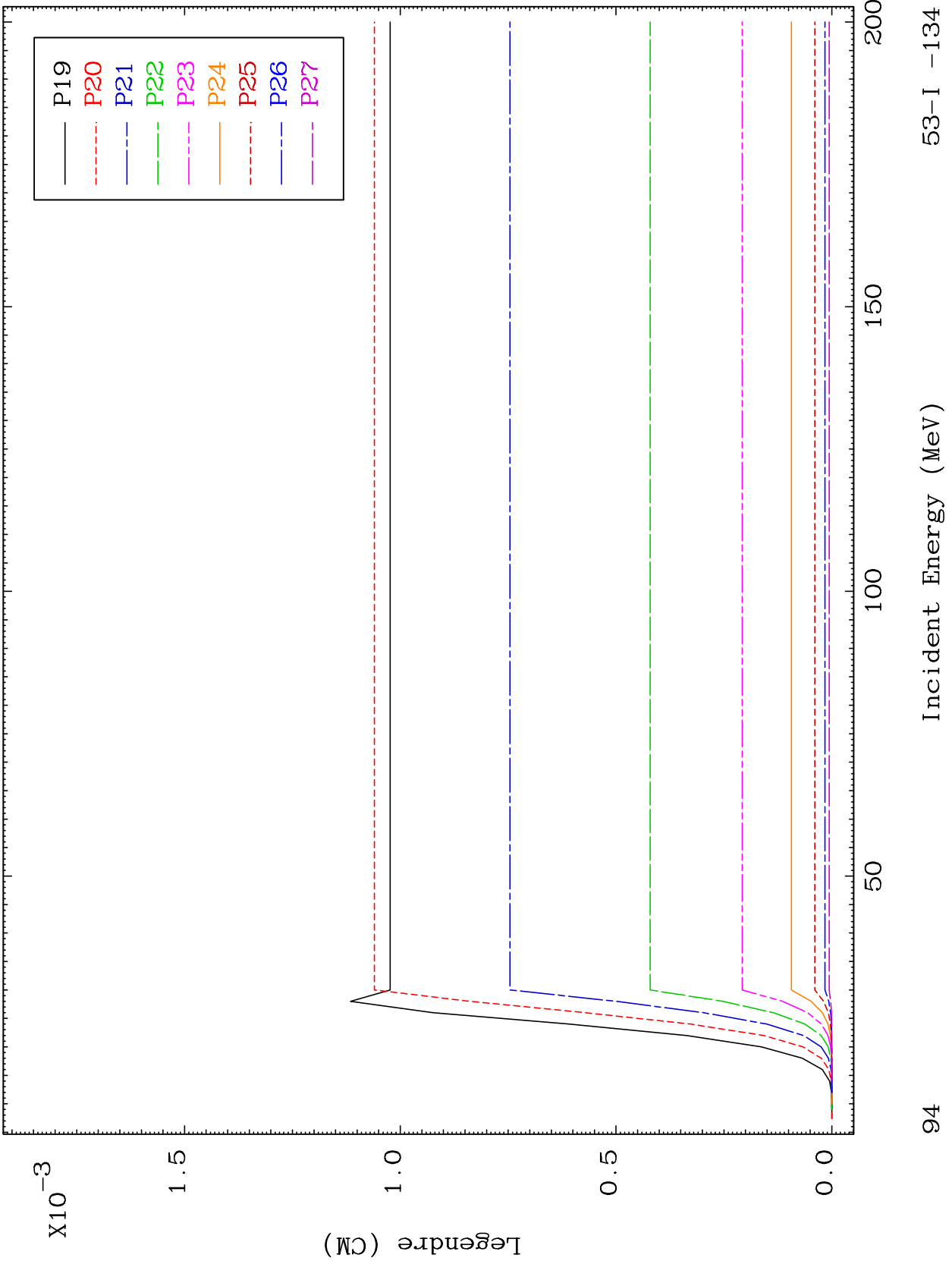


53-I -134

Incident Energy (MeV)



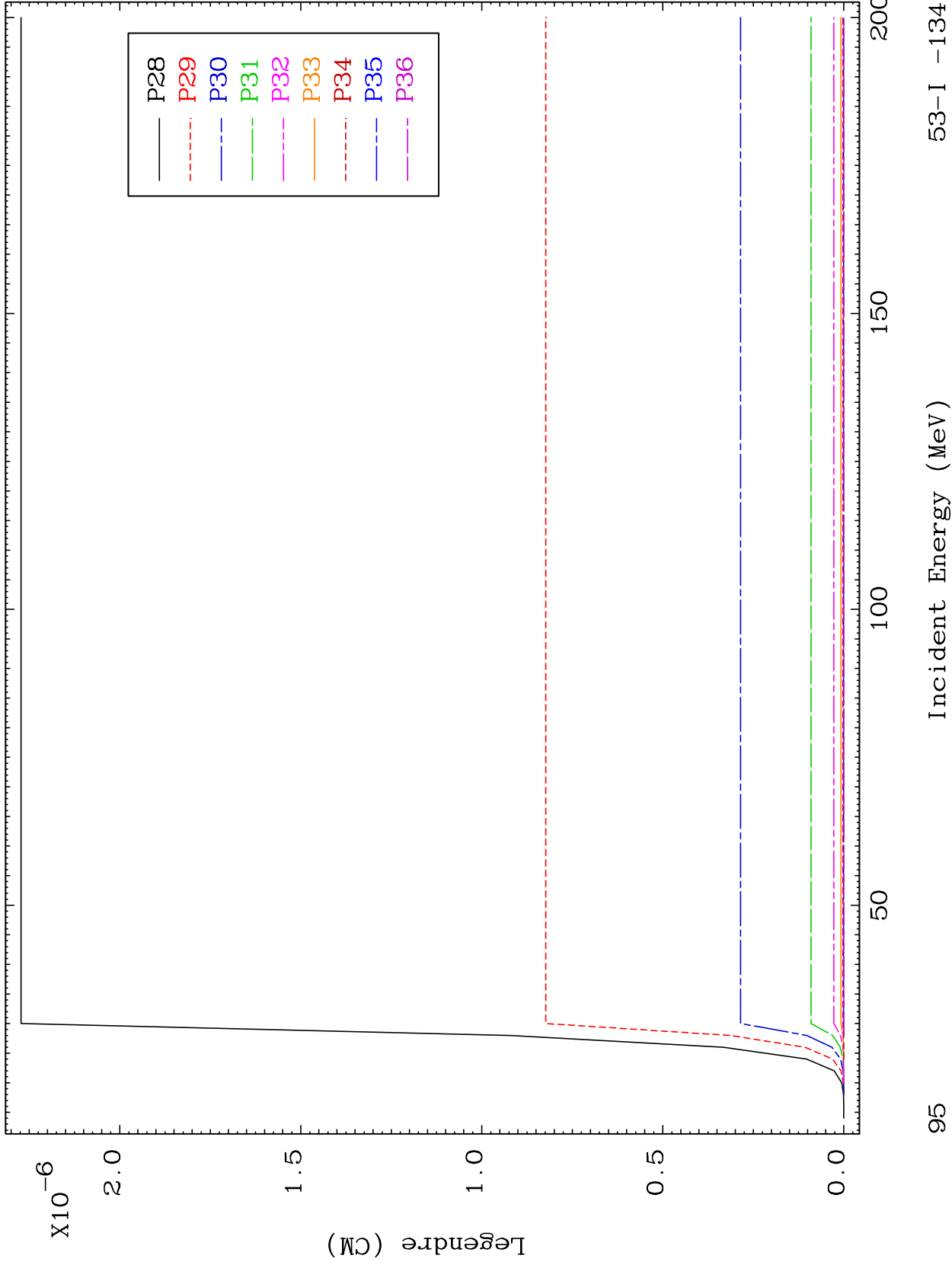




MAT 5346

1.250 MeV (n,n') Level
Legendre Coefficients

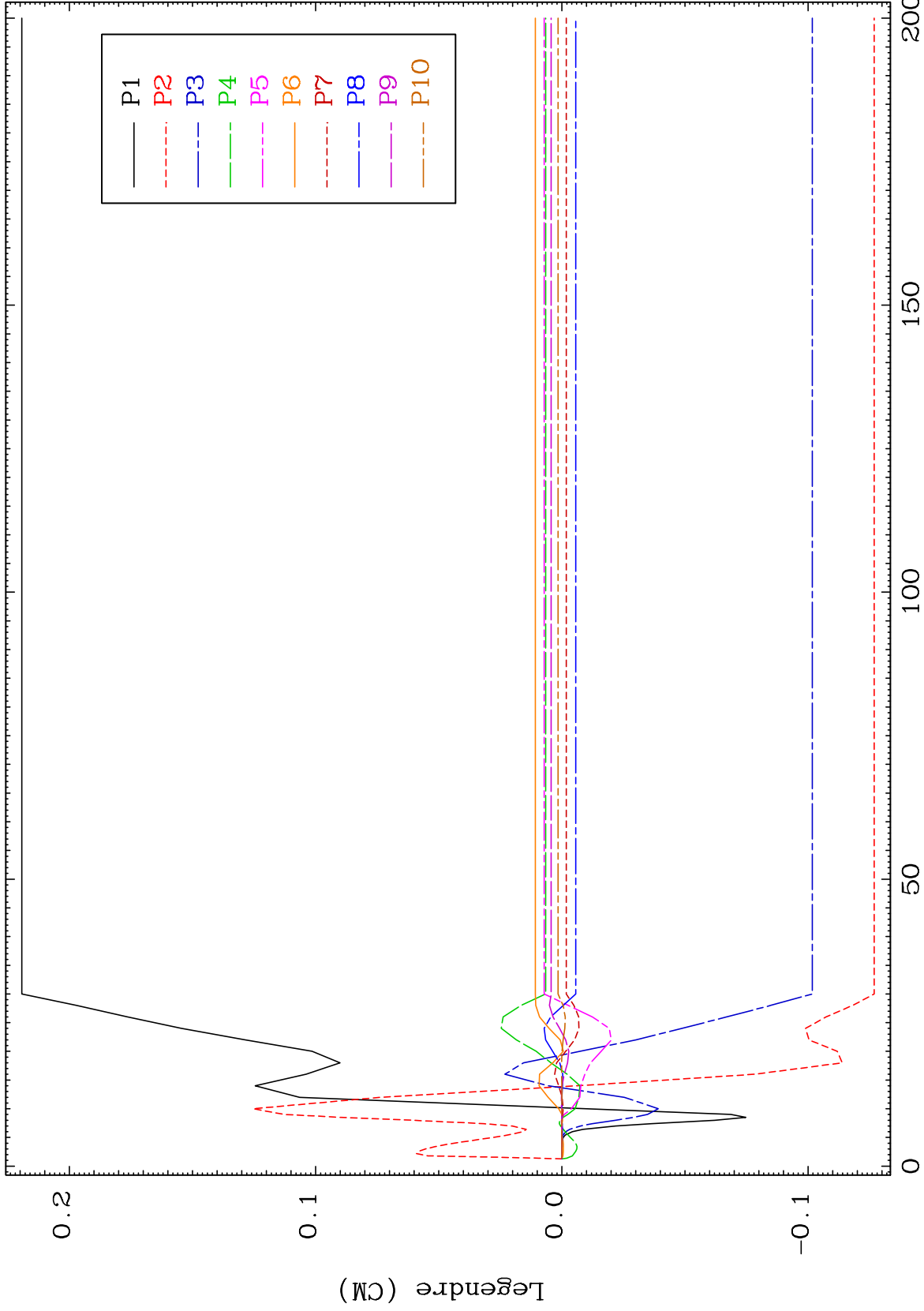
53-I -134

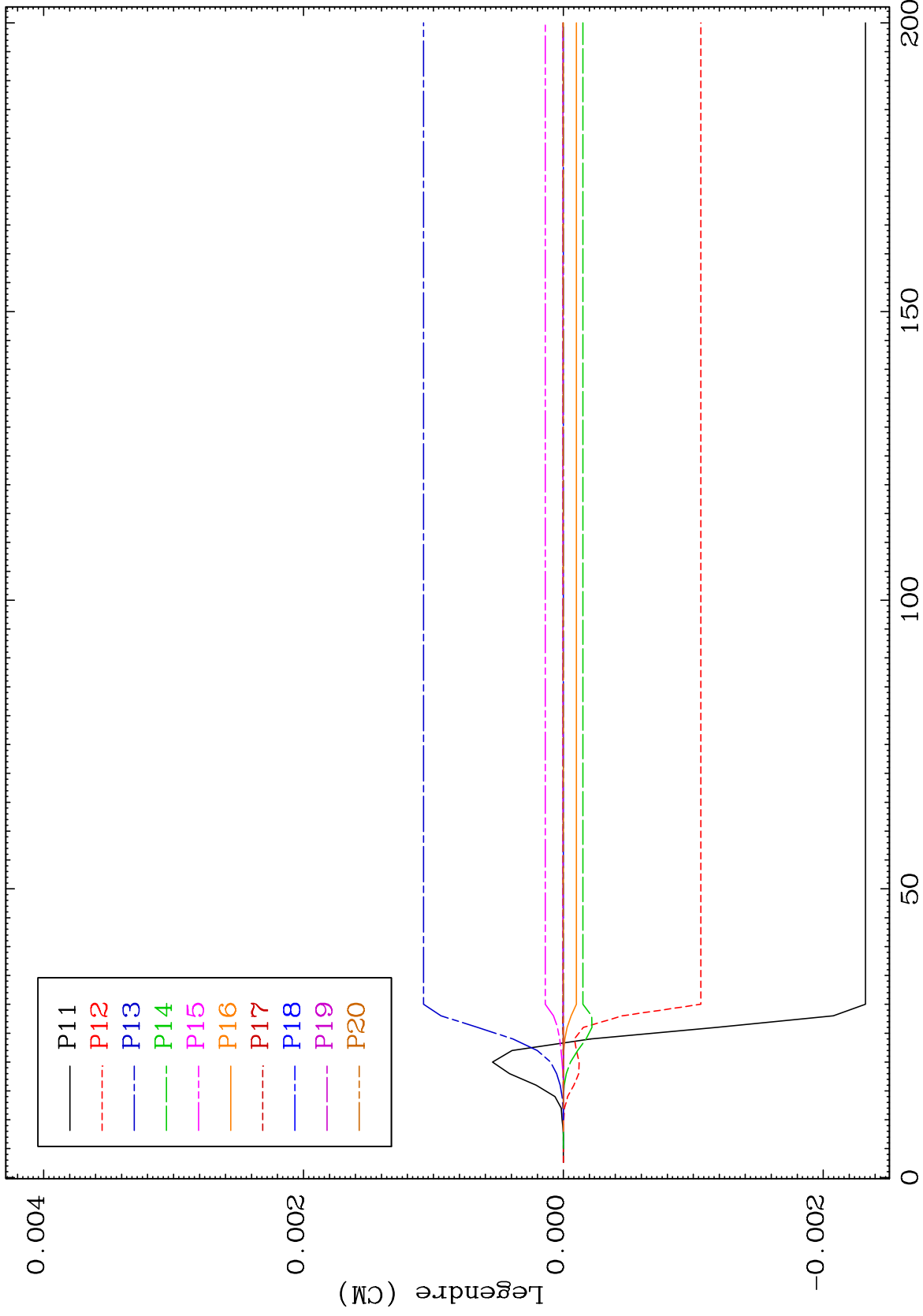


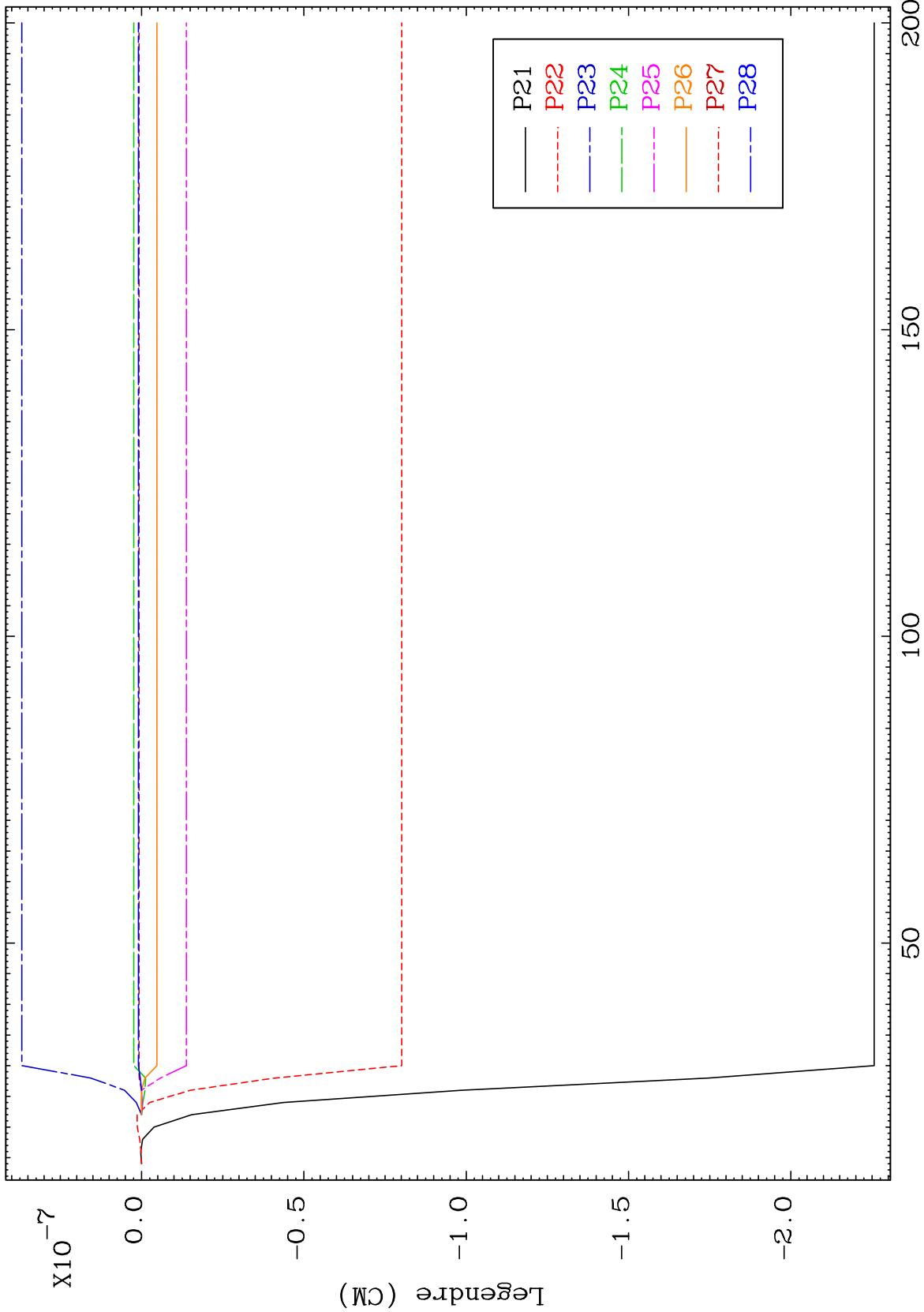
95

Incident Energy (MeV)

53-I -134



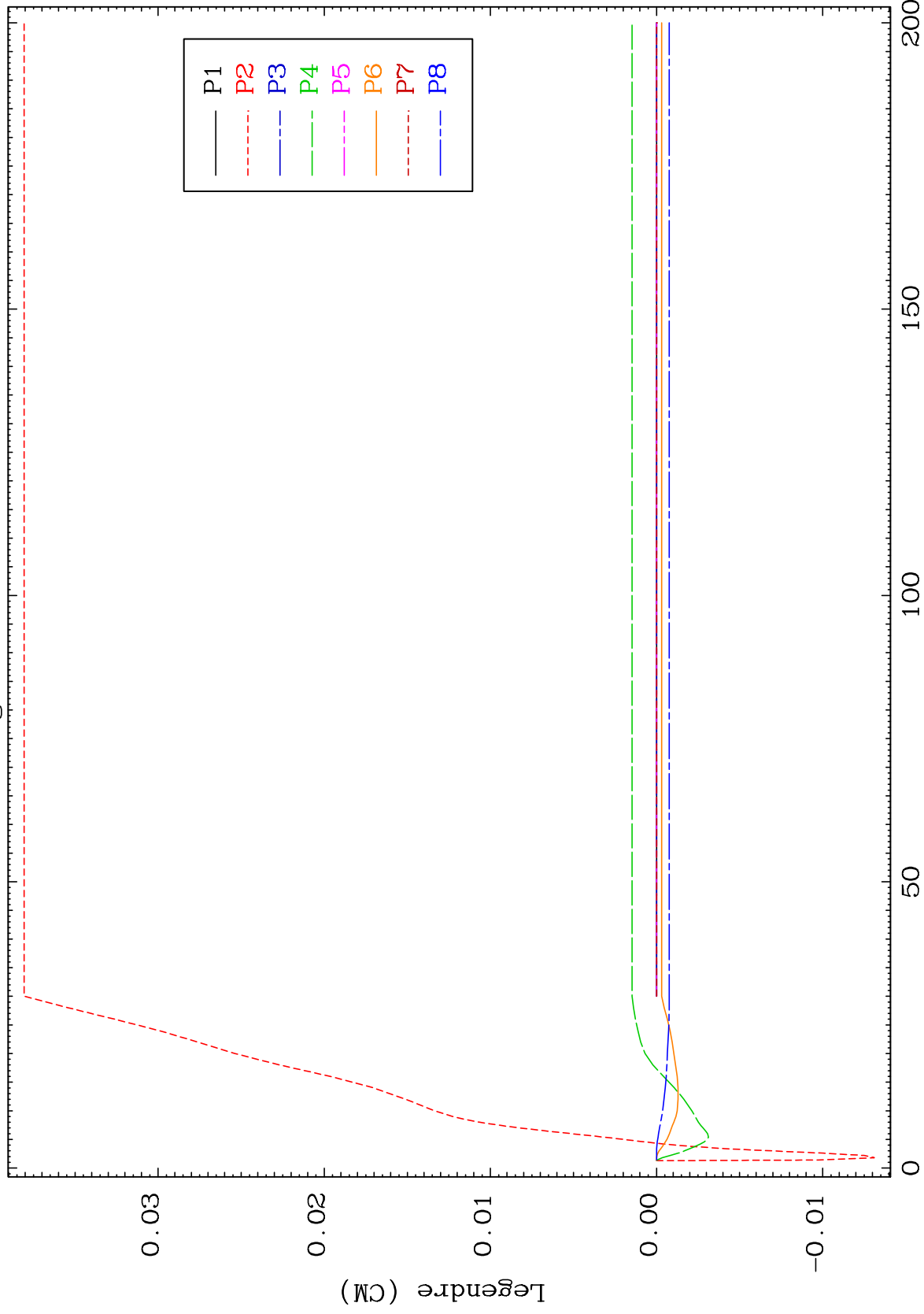




MAT 5346

1.271 MeV (n,n') Level
Legendre Coefficients

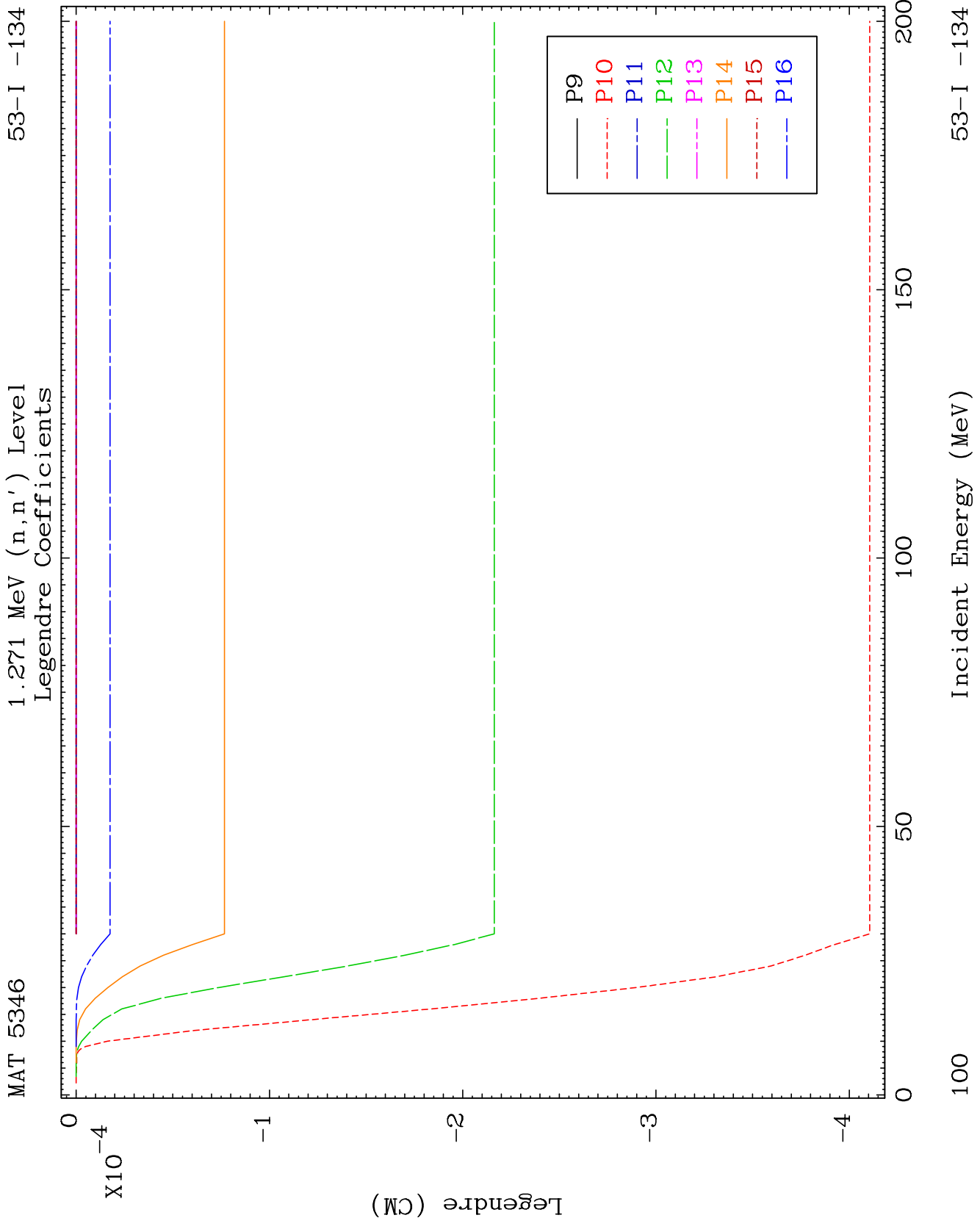
53-I -134



99

Incident Energy (MeV)

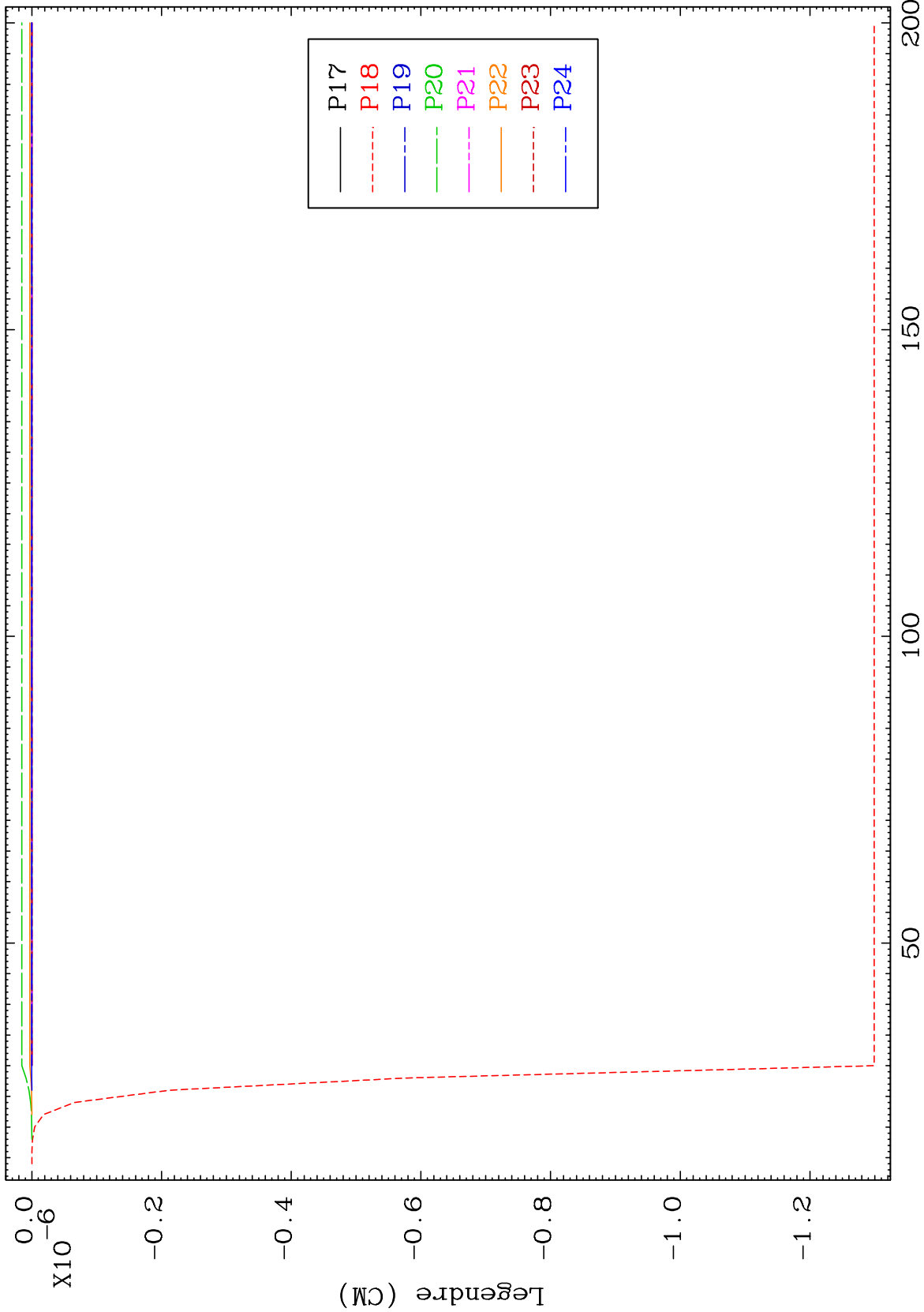
53-I -134



MAT 5346

1.271 MeV (n,n') Level
Legendre Coefficients

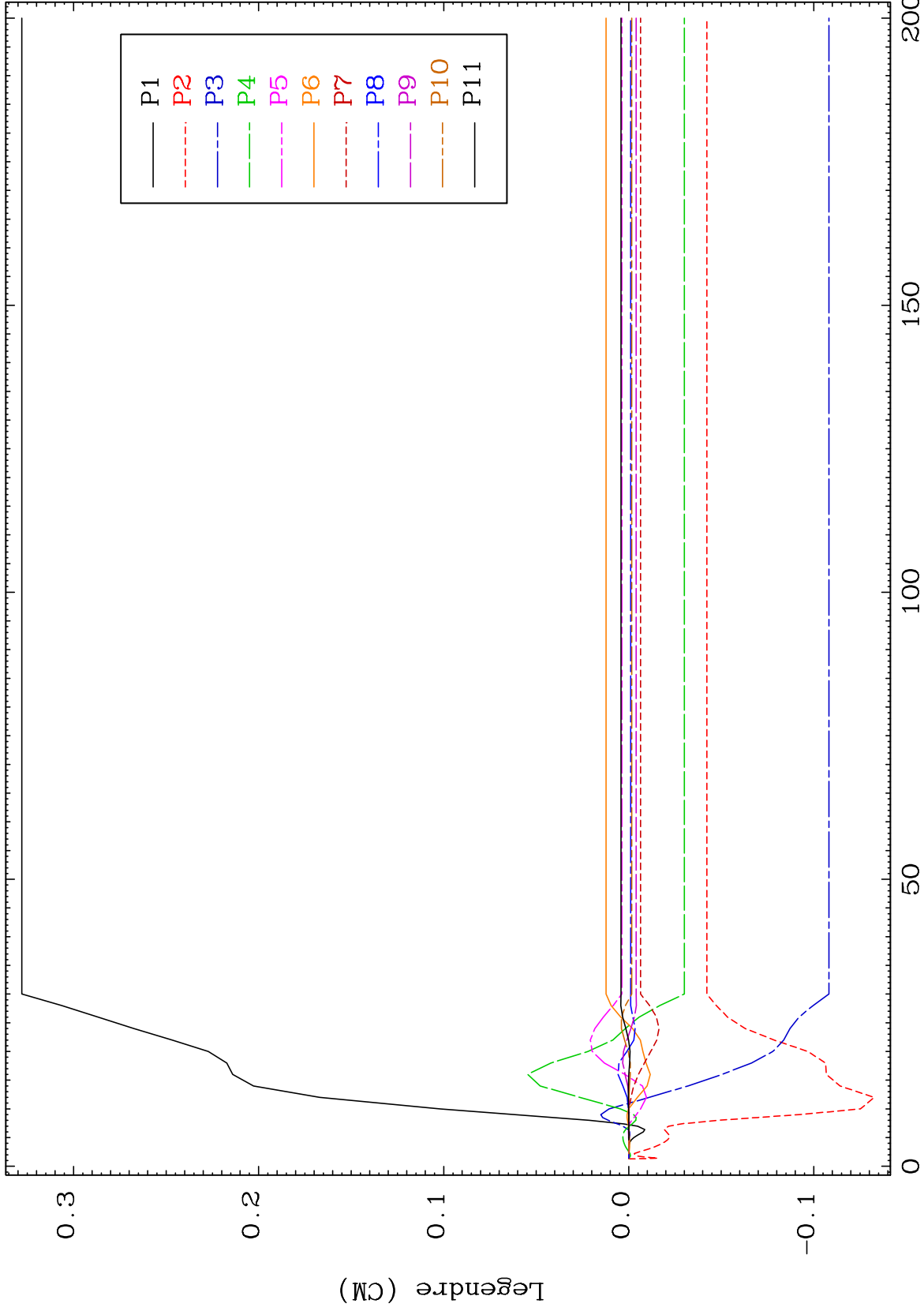
53-I -134

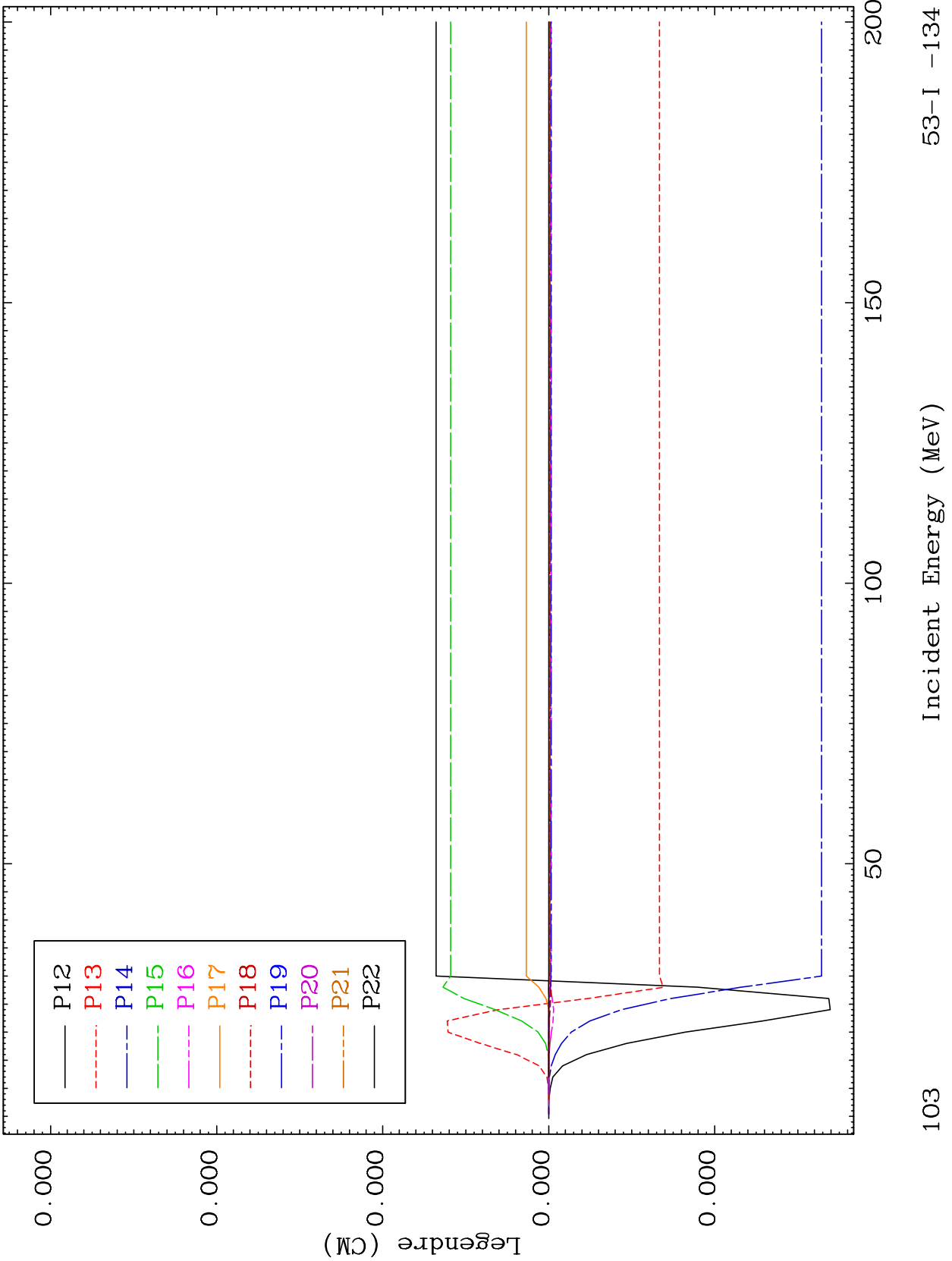


101

Incident Energy (MeV)

53-I -134

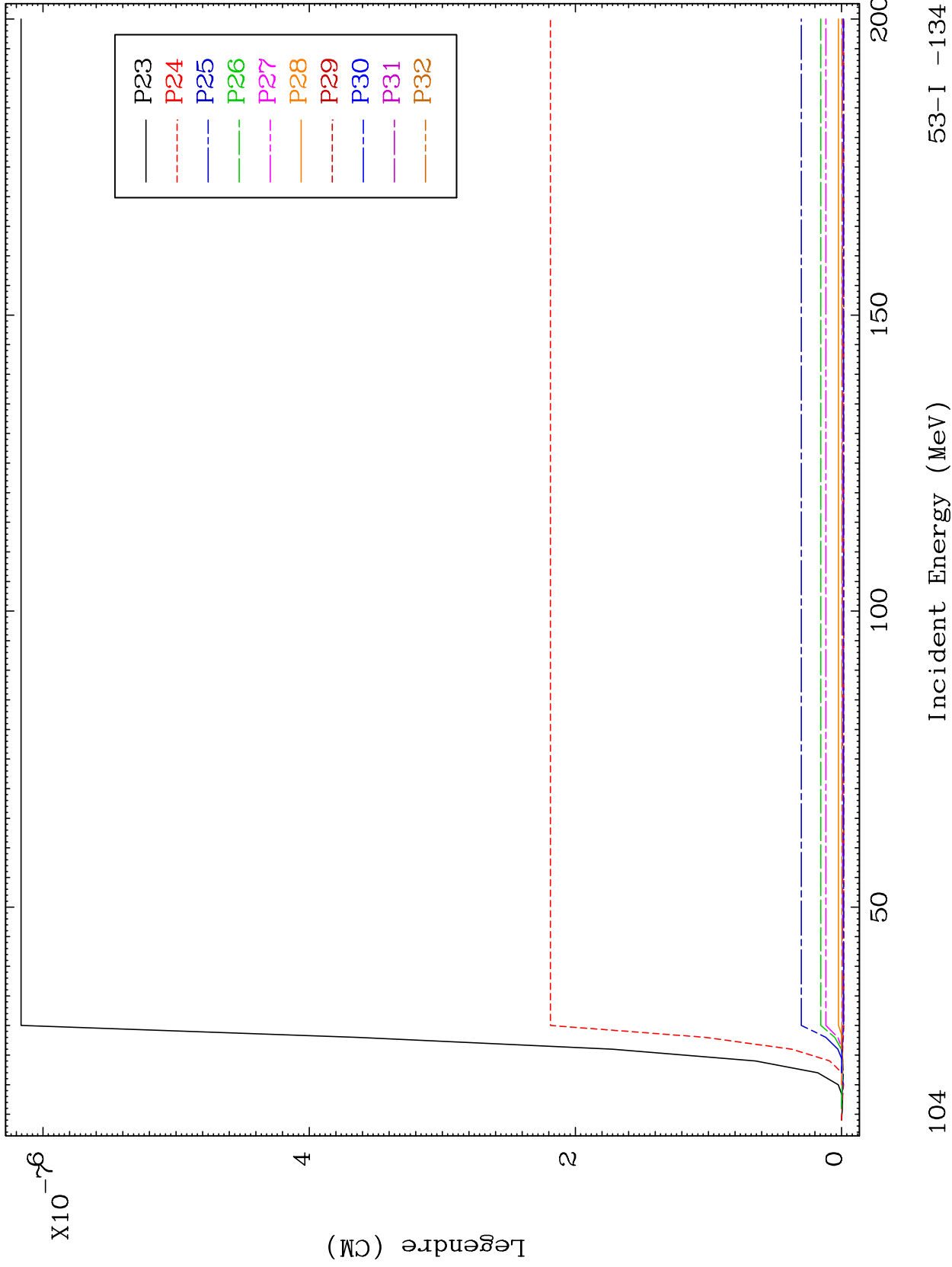




MAT 5346

1.278 MeV (n,n') Level
Legendre Coefficients

53-I -134



104

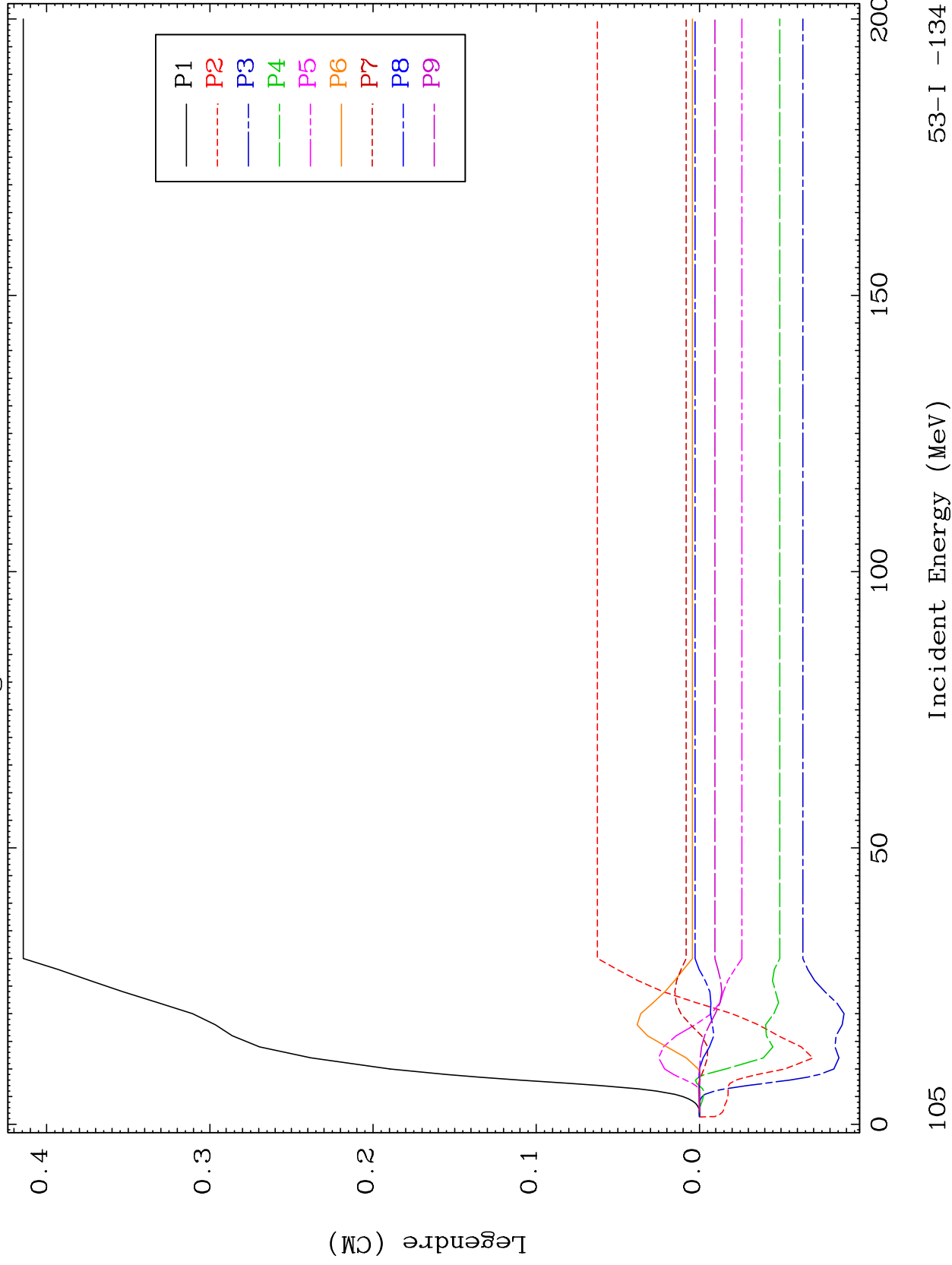
Incident Energy (MeV)

53-I -134

MAT 5346

1.288 MeV (n,n') Level
Legendre Coefficients

53-I -134



53-I -134

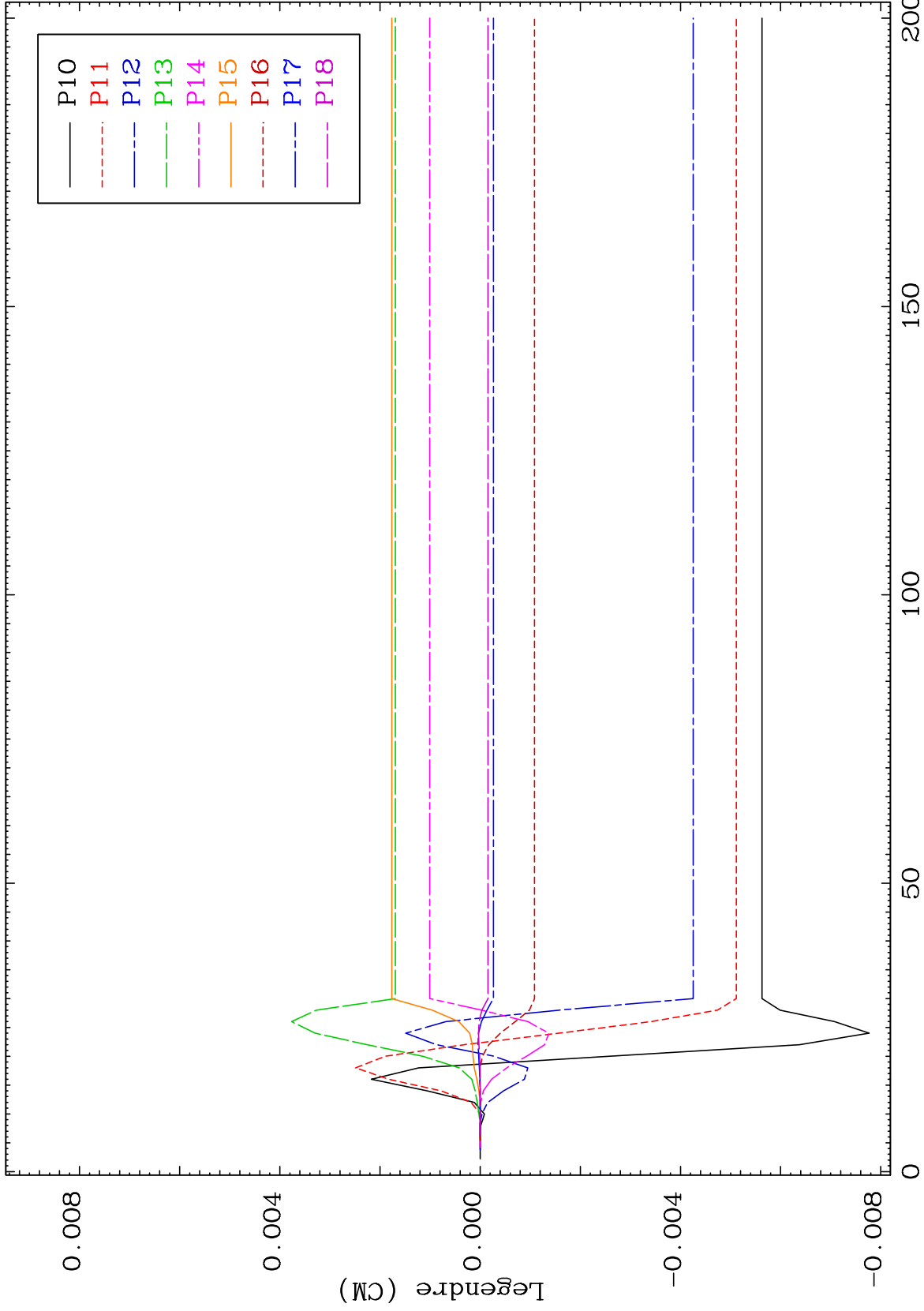
Incident Energy (MeV)

105

MAT 5346

1.288 MeV (n,n') Level
Legendre Coefficients

53-I -134



106

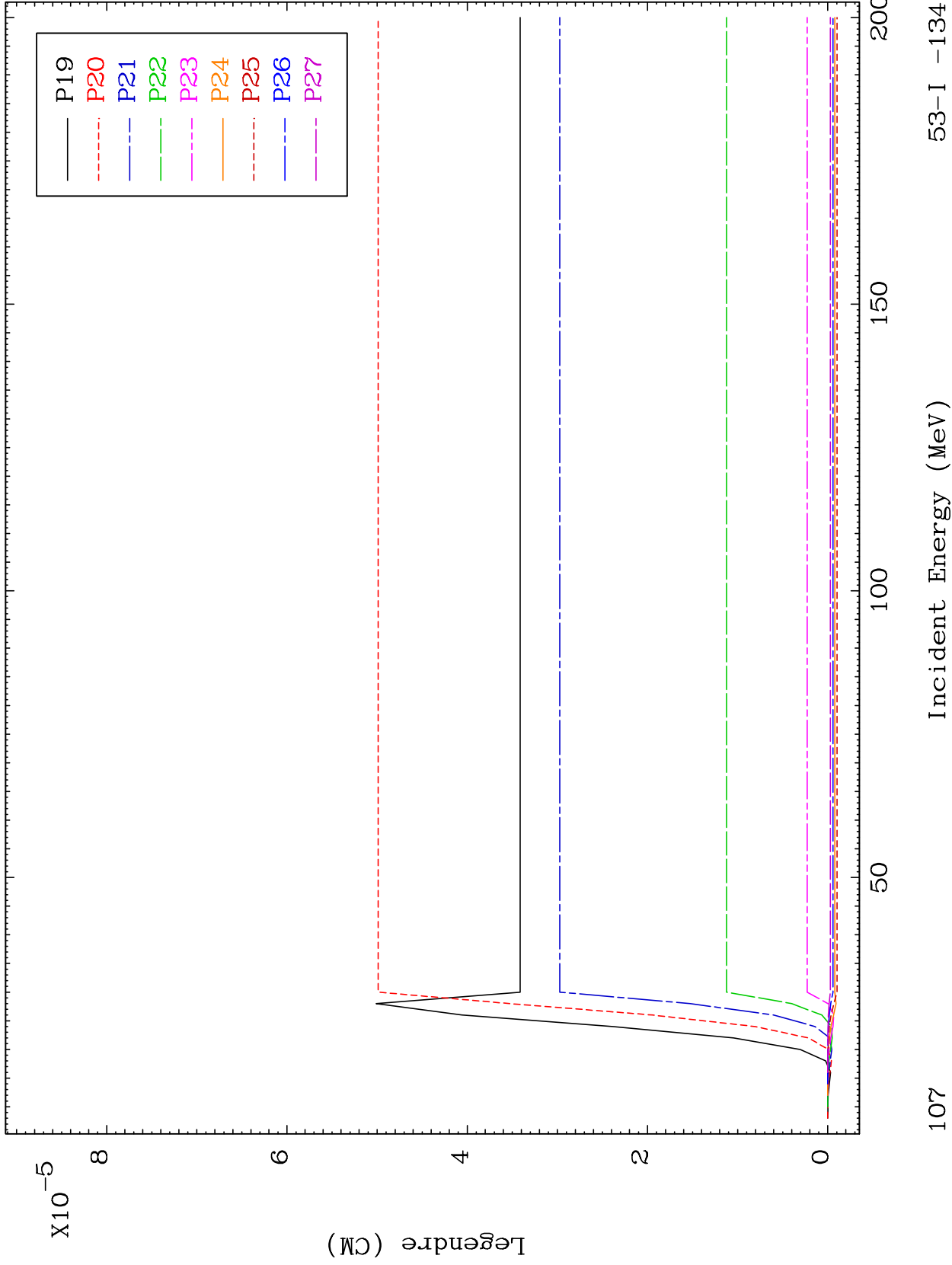
Incident Energy (MeV)

53-I -134

MAT 5346

1.288 MeV (n,n') Level
Legendre Coefficients

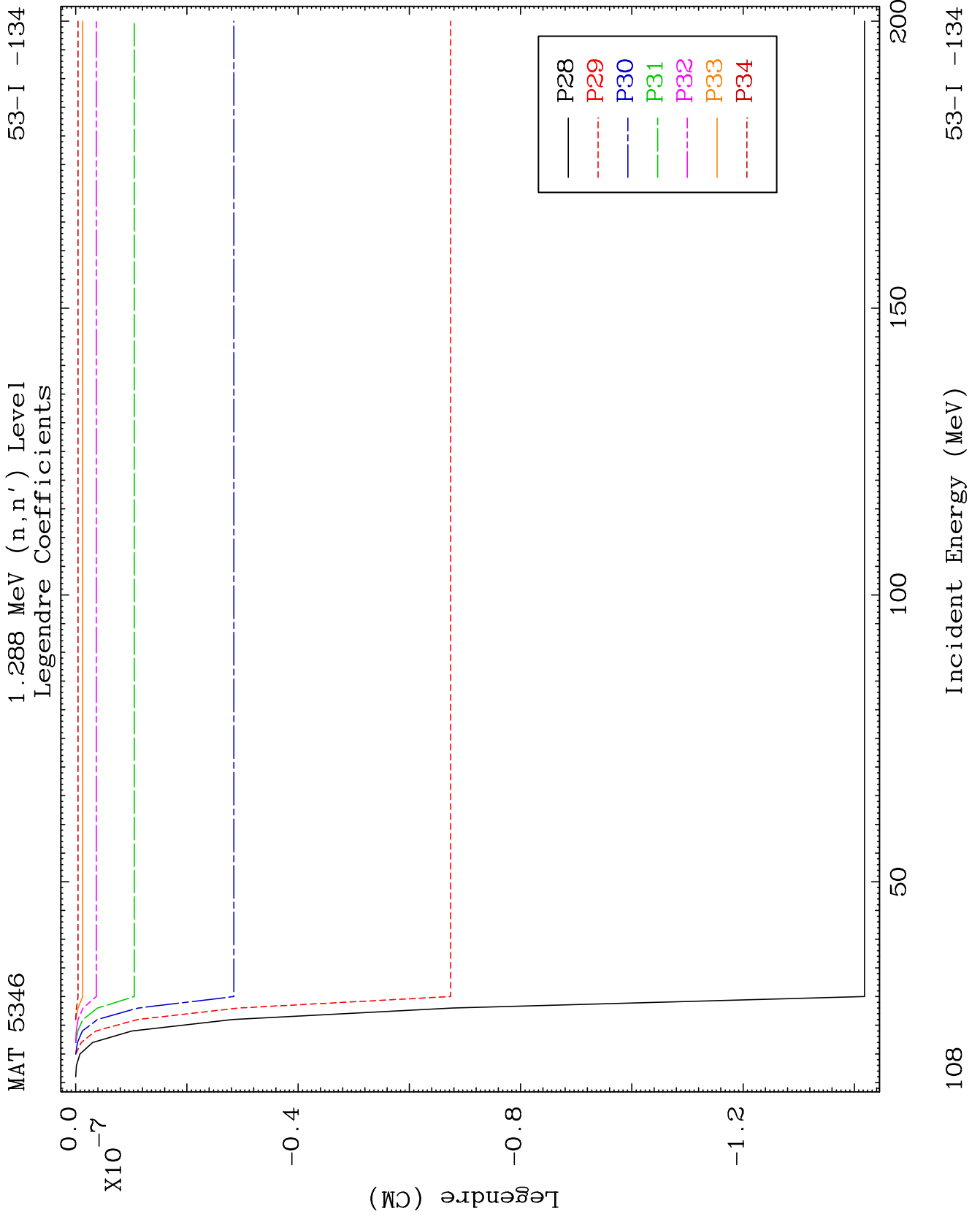
53-I -134



107

Incident Energy (MeV)

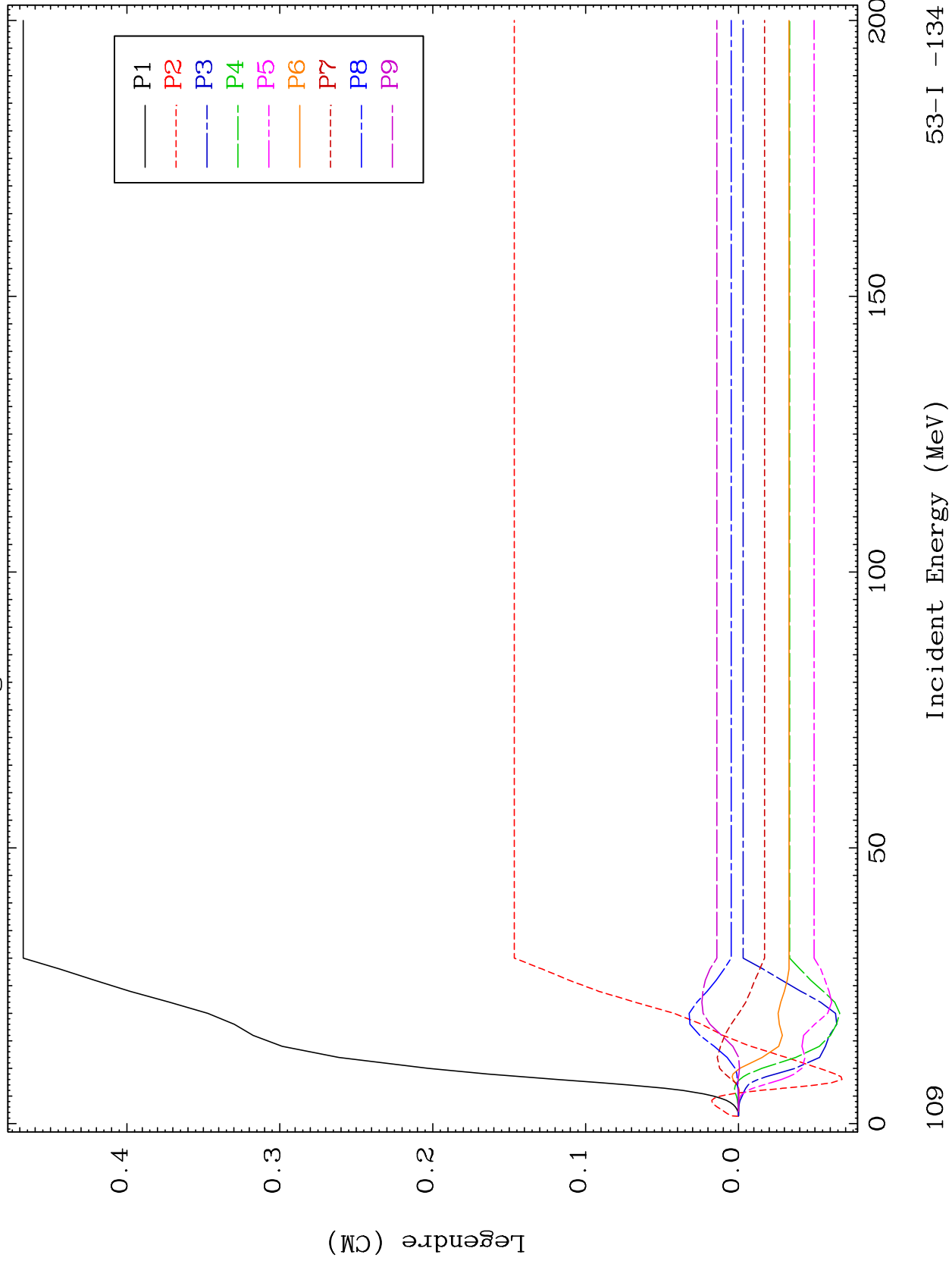
53-I -134



MAT 5346

1.298 MeV (n,n') Level
Legendre Coefficients

53-I -134



53-I -134

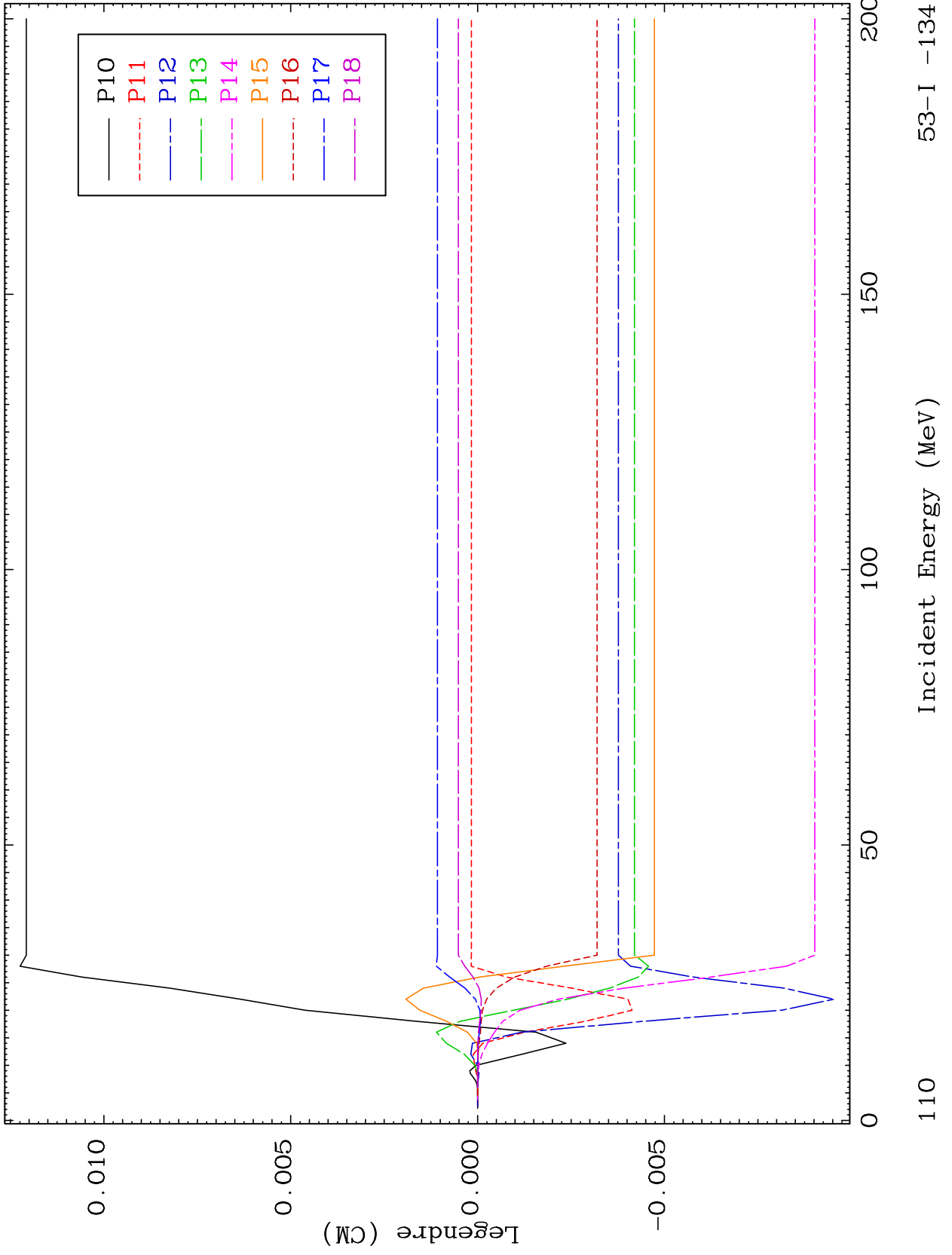
Incident Energy (MeV)

109

MAT 5346

1.298 MeV (n,n') Level
Legendre Coefficients

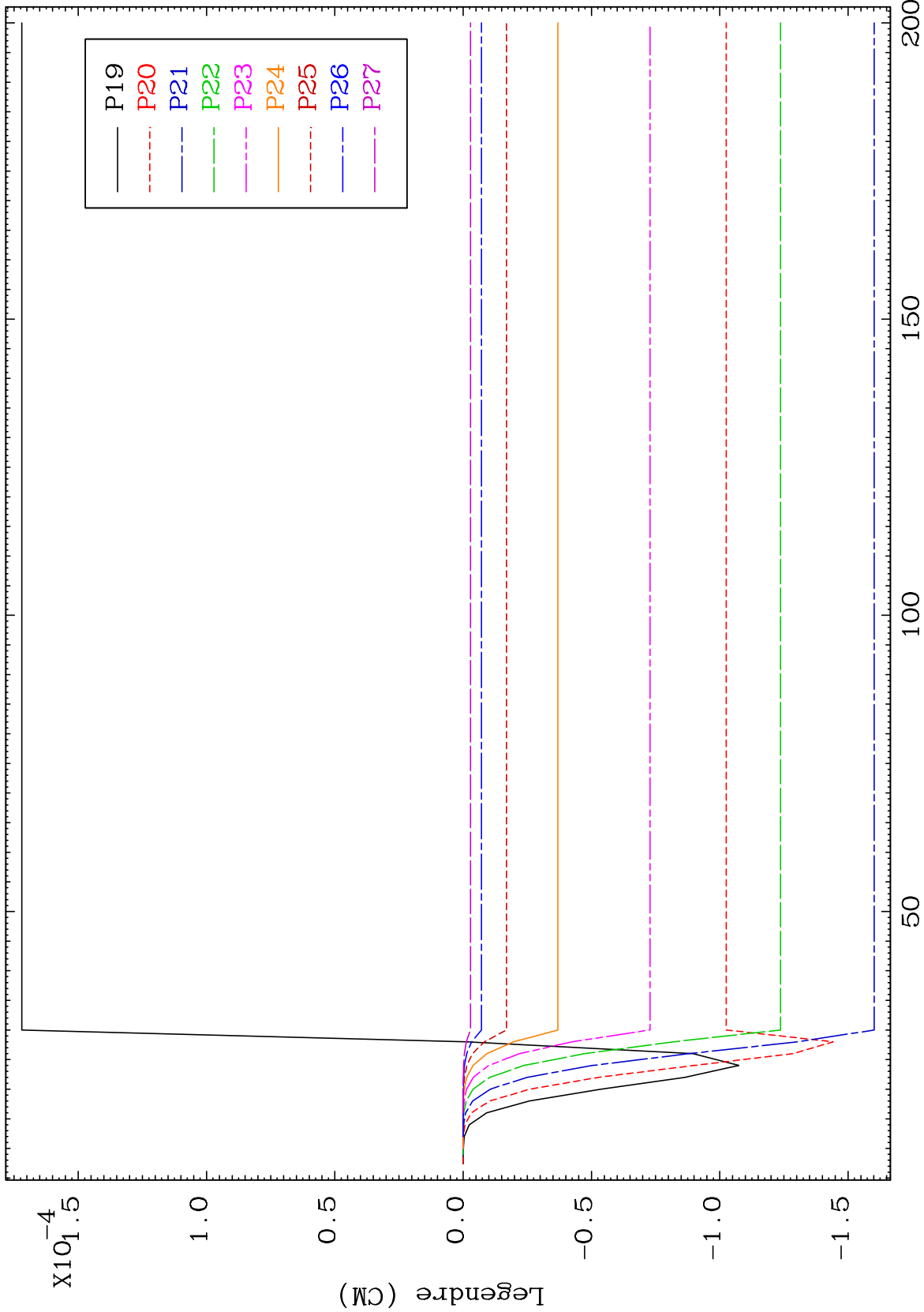
53-I -134

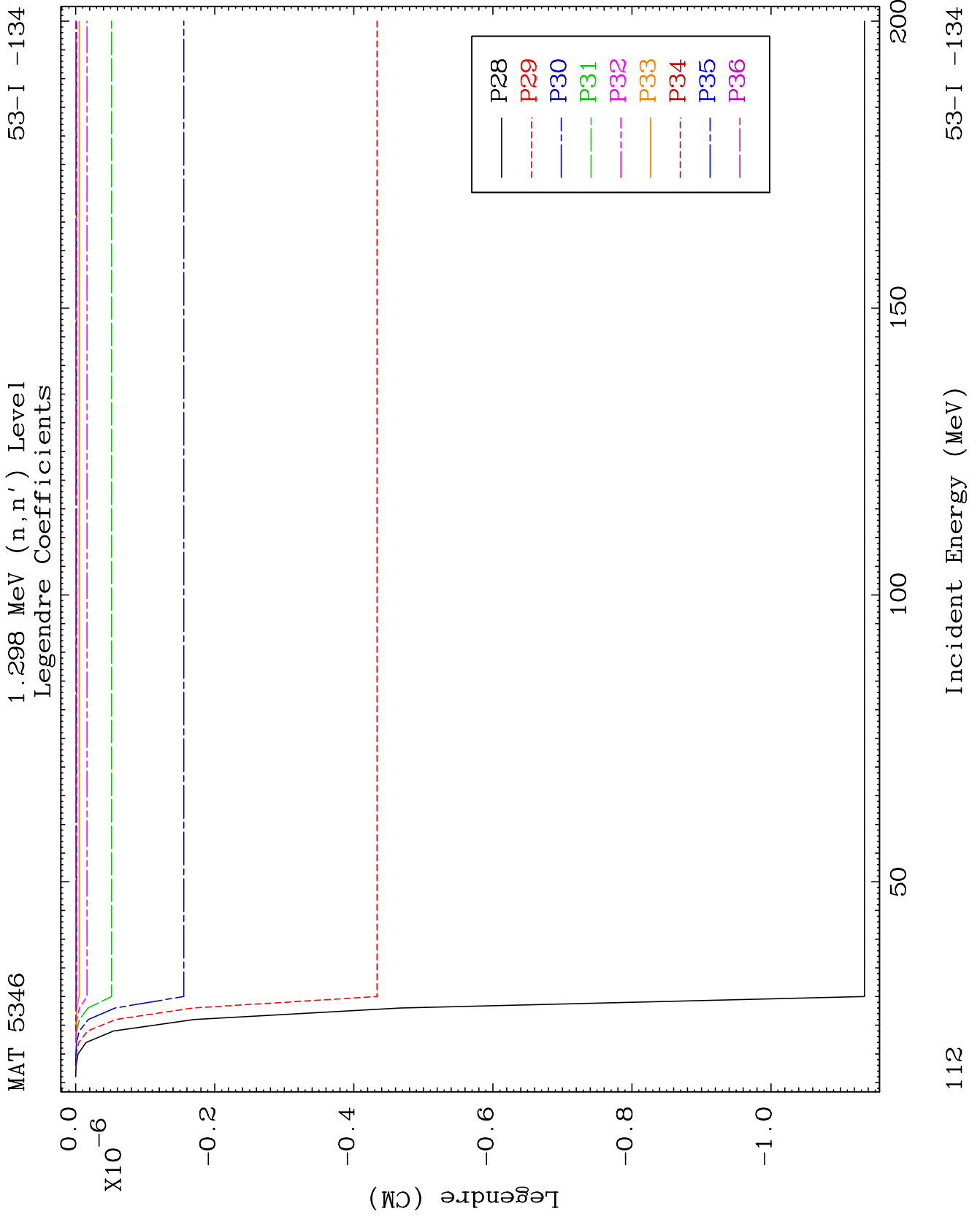


110

Incident Energy (MeV)

53-I -134

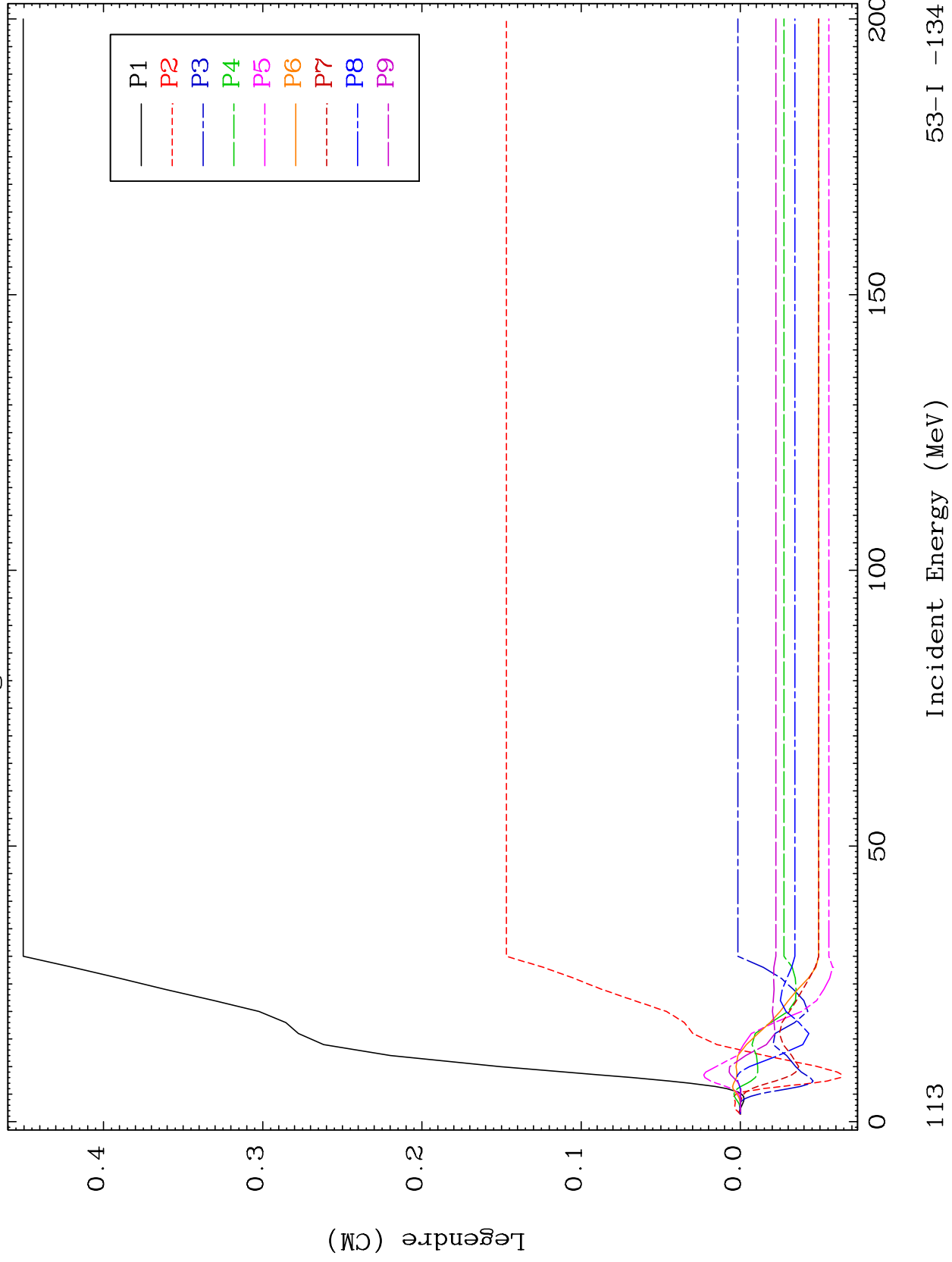




MAT 5346

1.316 MeV (n,n') Level
Legendre Coefficients

53-I -134



53-I -134

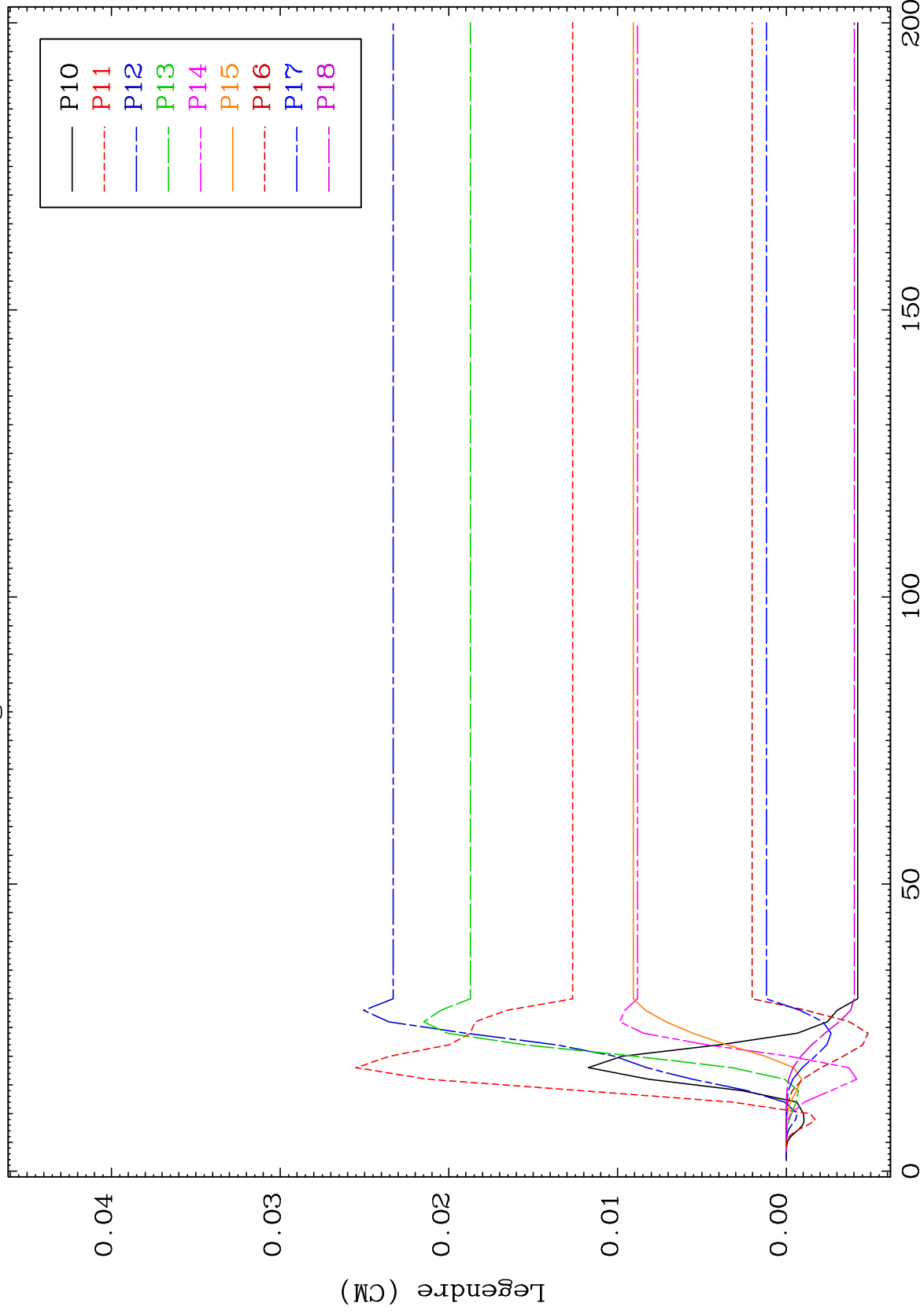
Incident Energy (MeV)

113

MAT 5346

1.316 MeV (n,n') Level
Legendre Coefficients

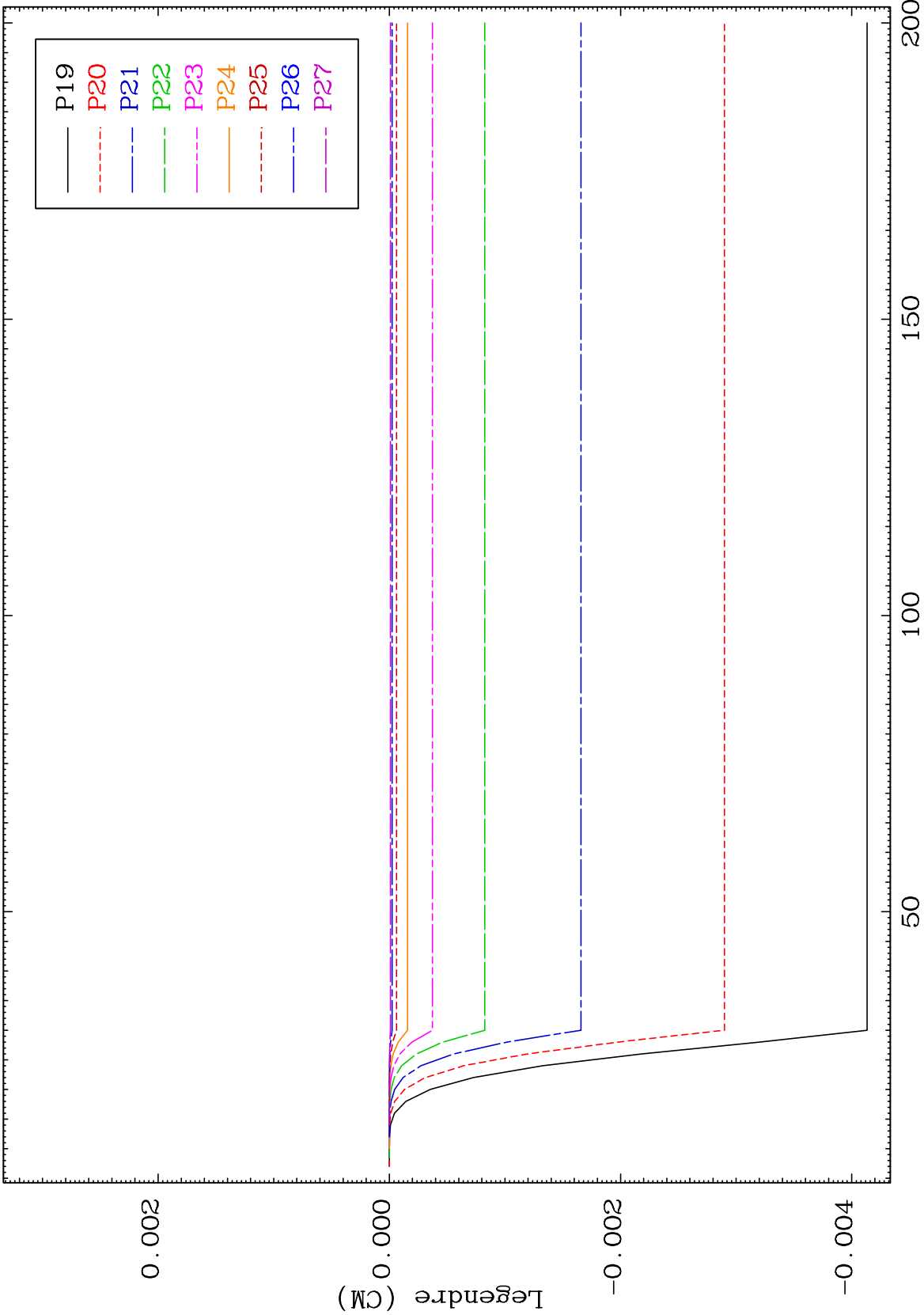
53-I -134

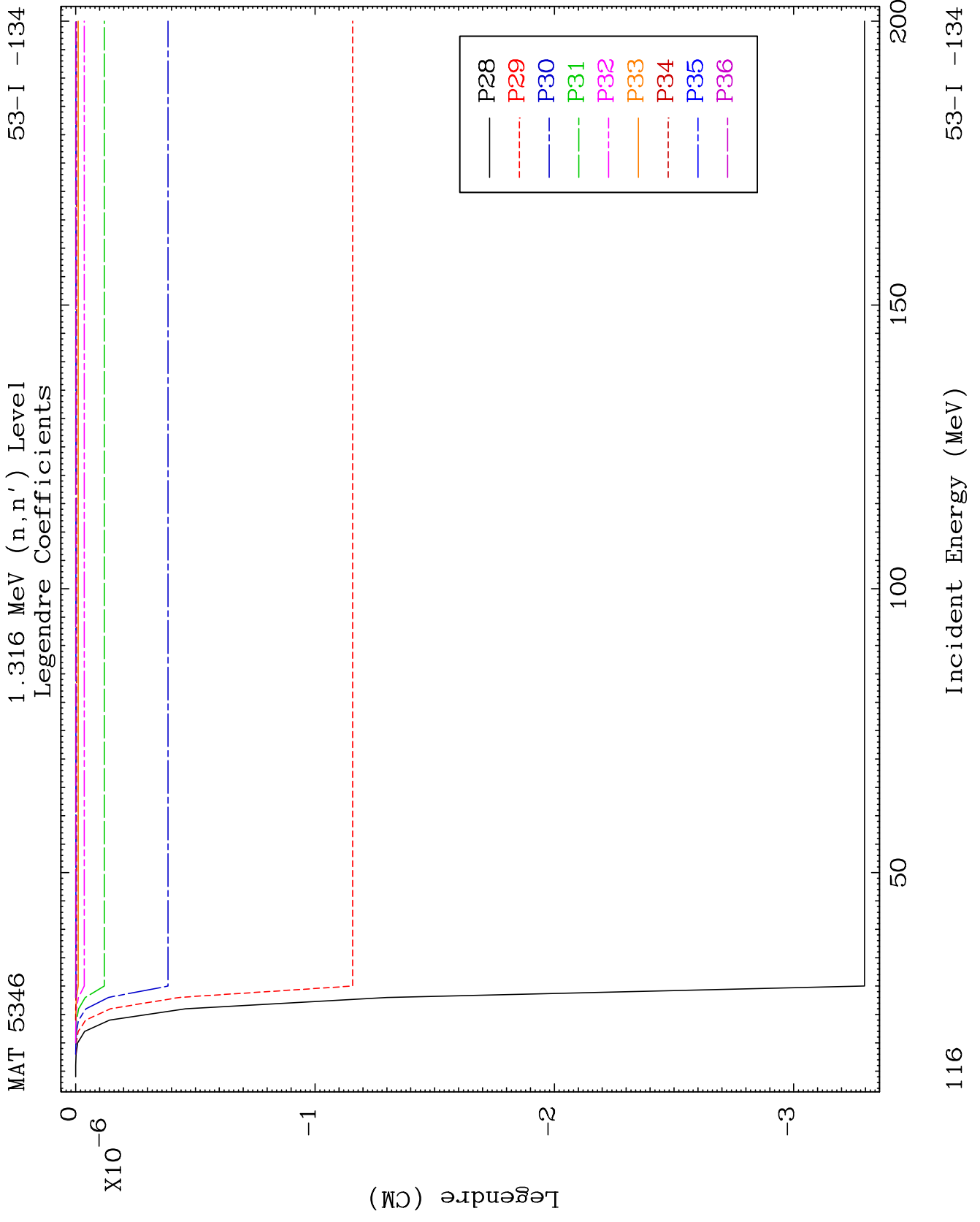


114

Incident Energy (MeV)

53-I -134

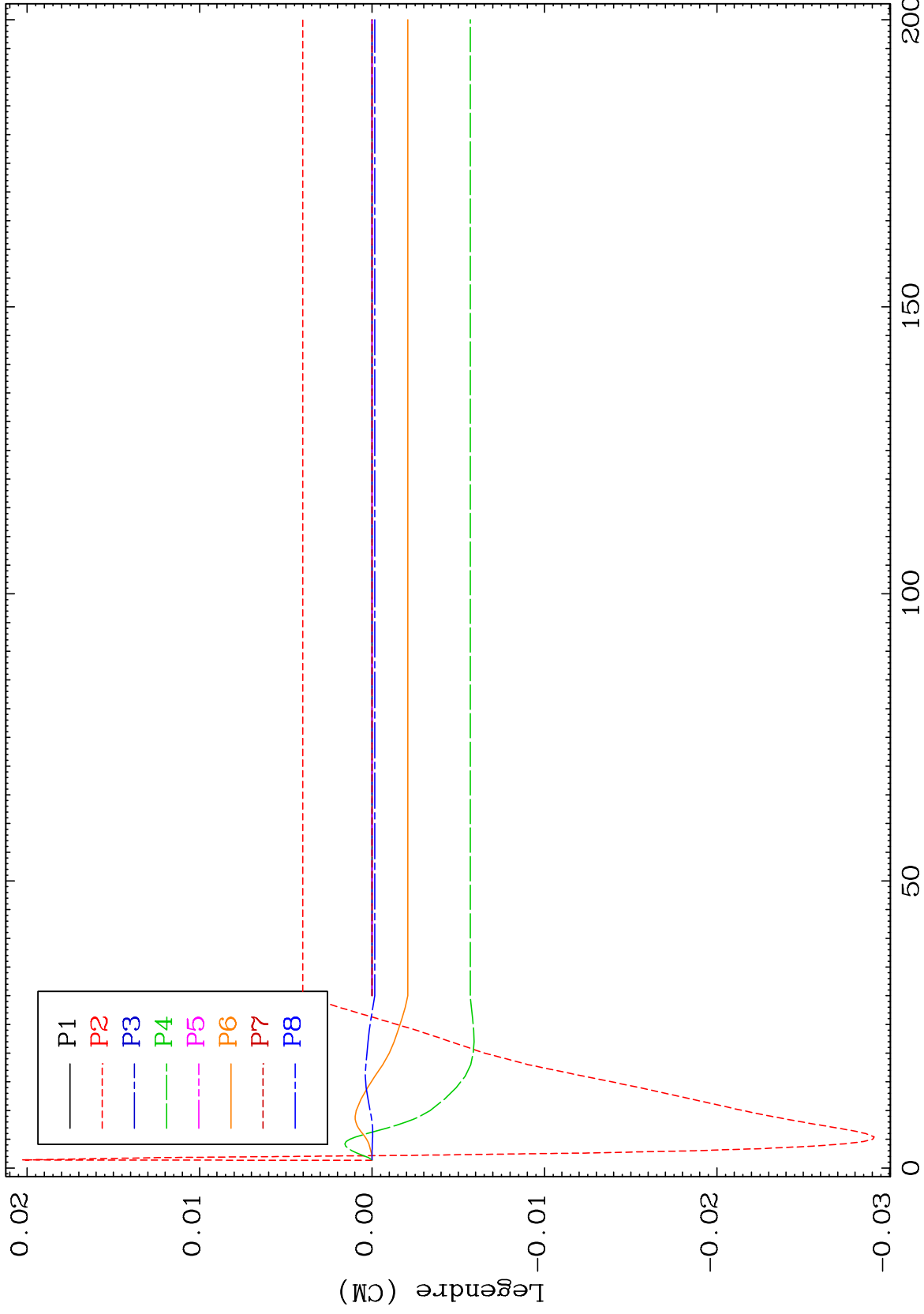




MAT 5346

1.318 MeV (n,n') Level
Legendre Coefficients

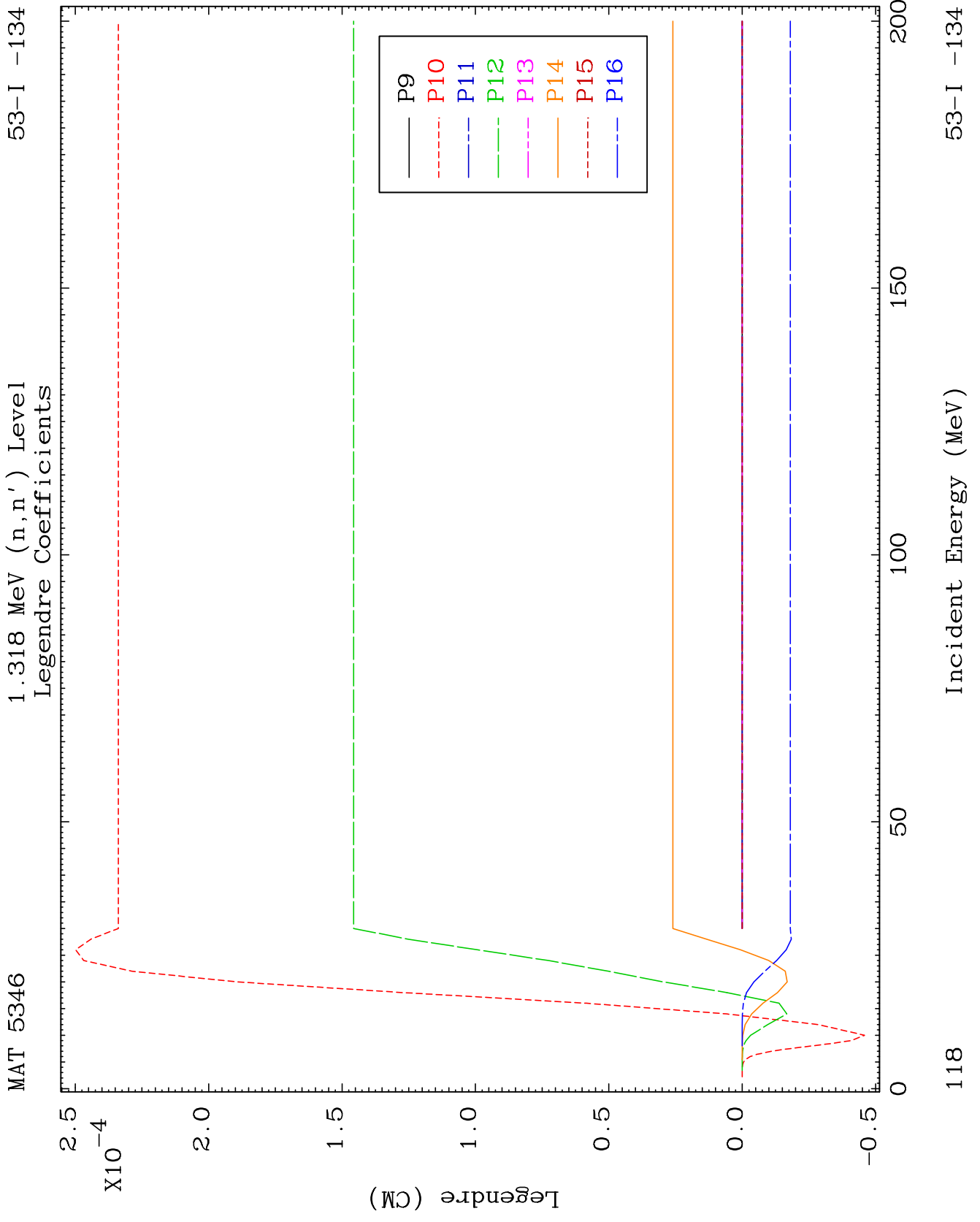
53-I -134

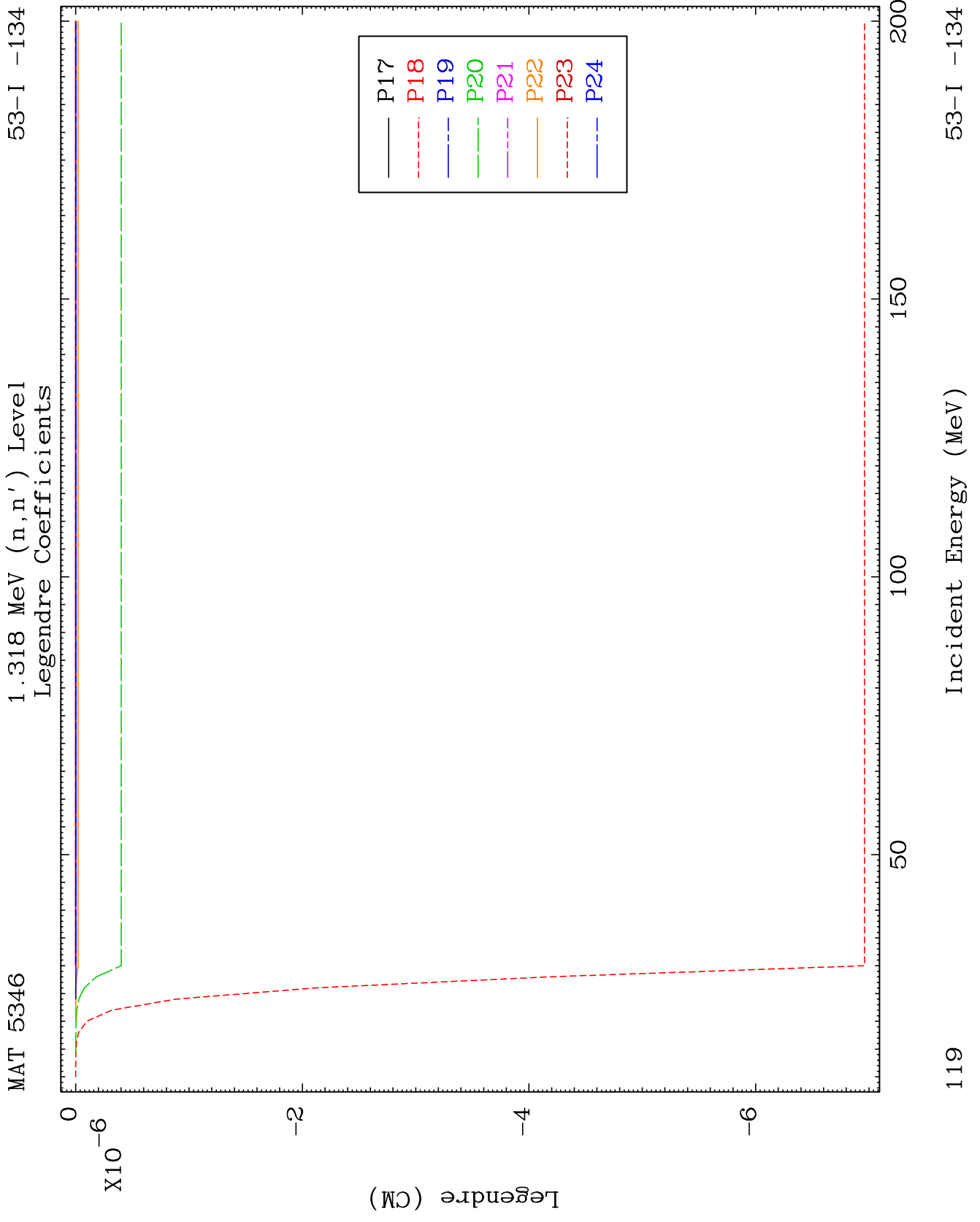


117

Incident Energy (MeV)

53-I -134

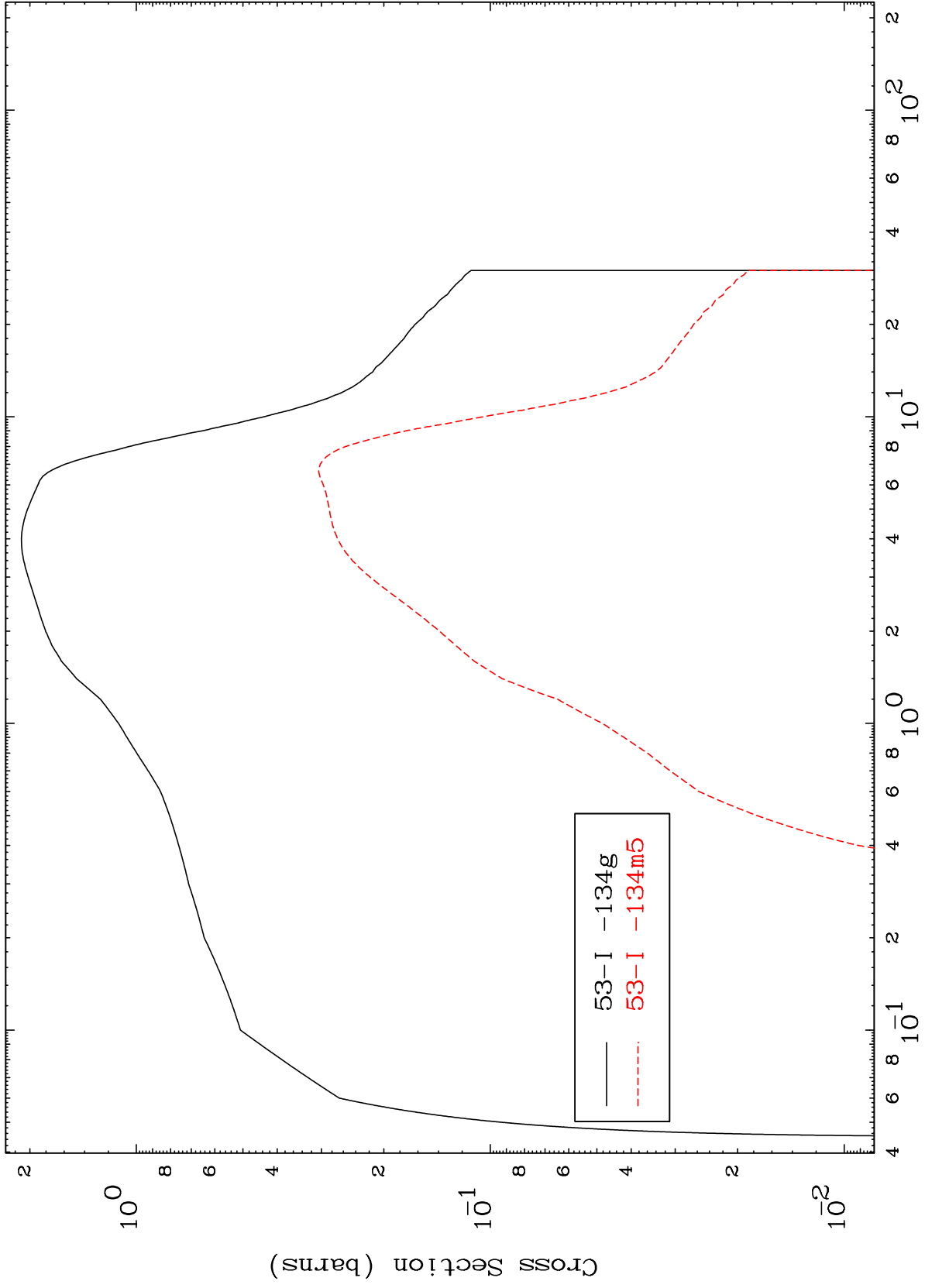




MAT 5346

53-I -134

Inelastic
Radionuclide Production Cross Section



120

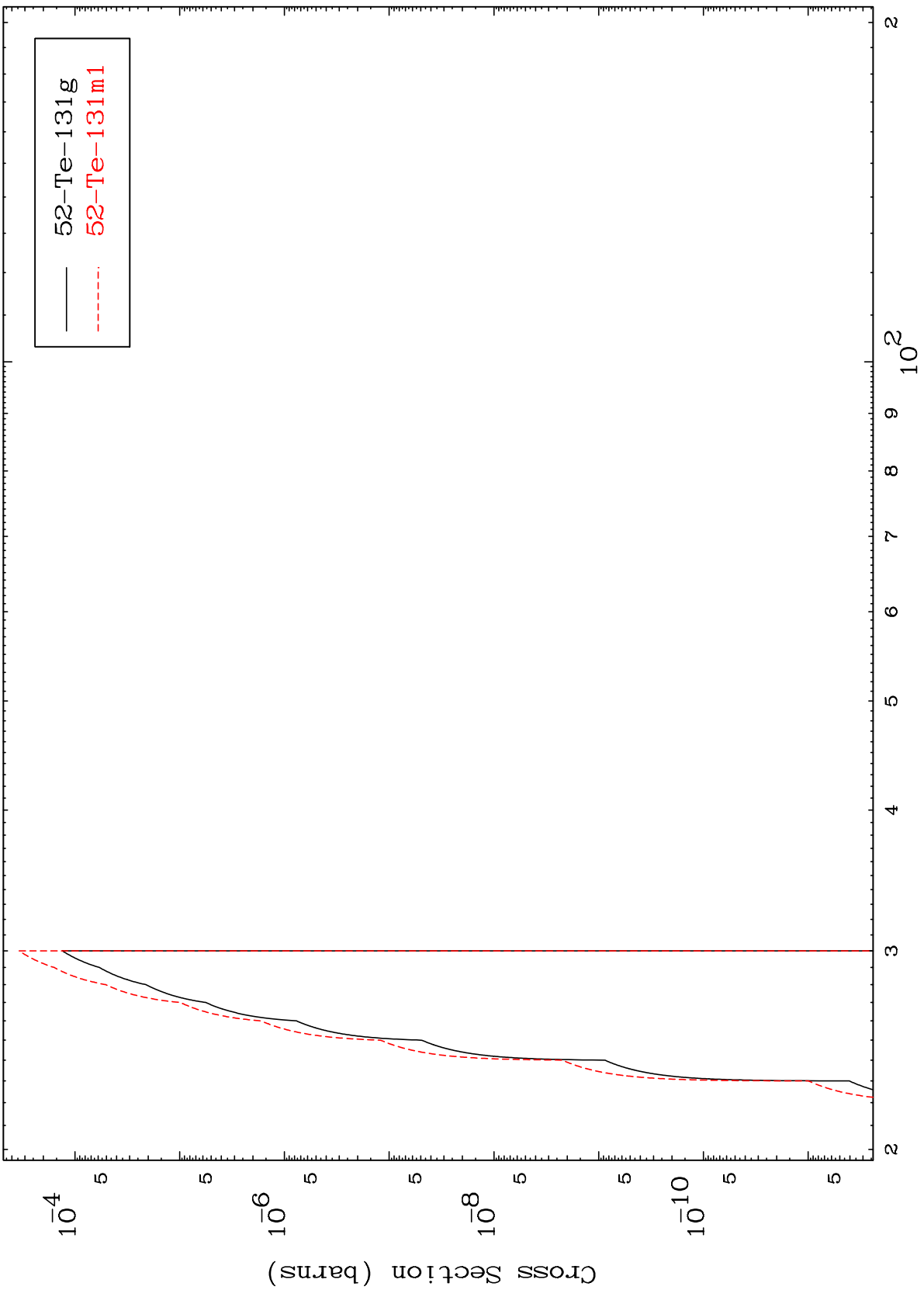
53-I -134

MAT 5346

(n,2n) d

53-I -134

Radionuclide Production Cross Section



121

Incident Energy (MeV)

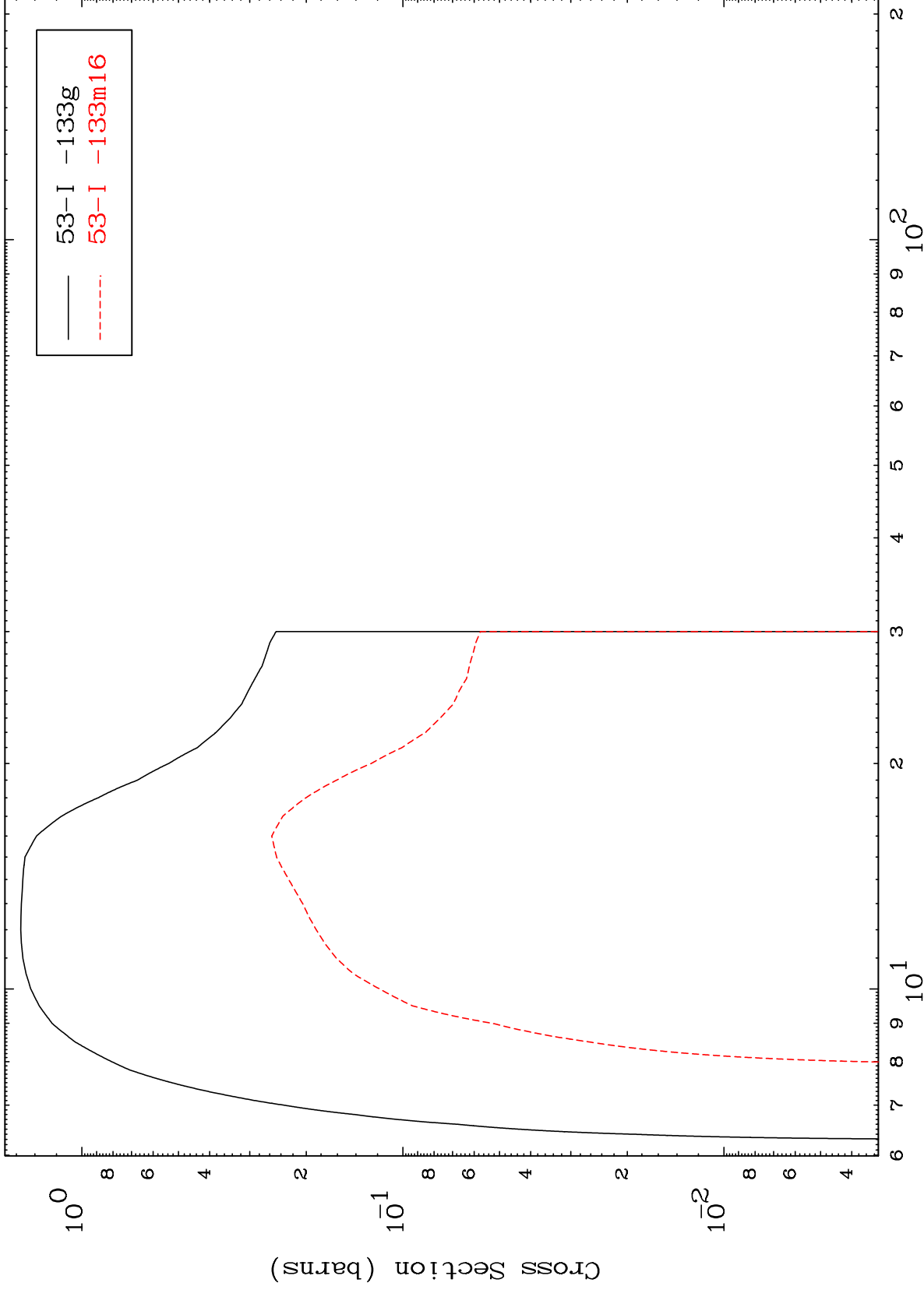
53-I -134

MAT 5346

(n,2n)

53-I -134

Radionuclide Production Cross Section



122

Incident Energy (MeV)

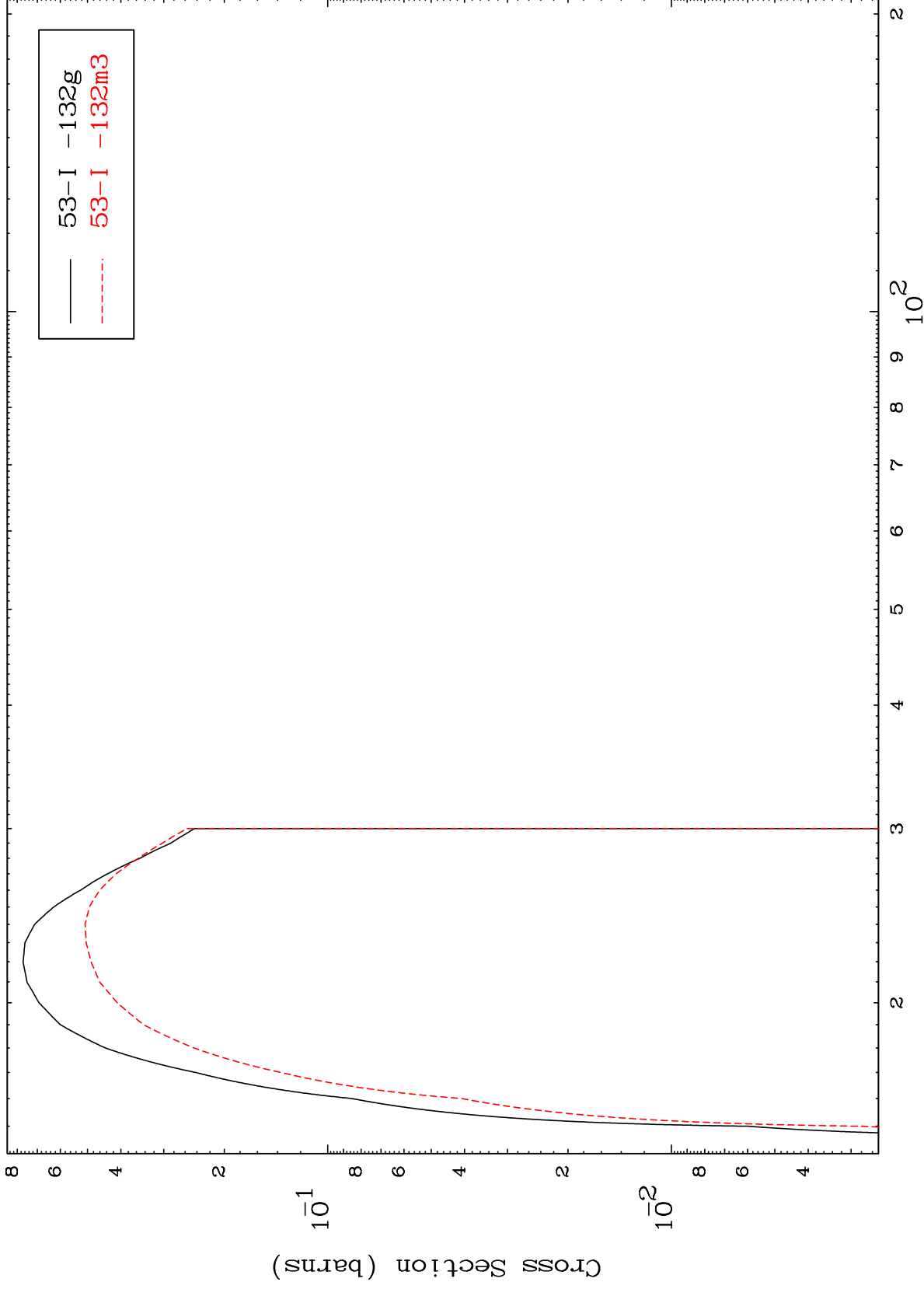
53-I -134

MAT 5346

(n,3n)

53-I -134

Radionuclide Production Cross Section

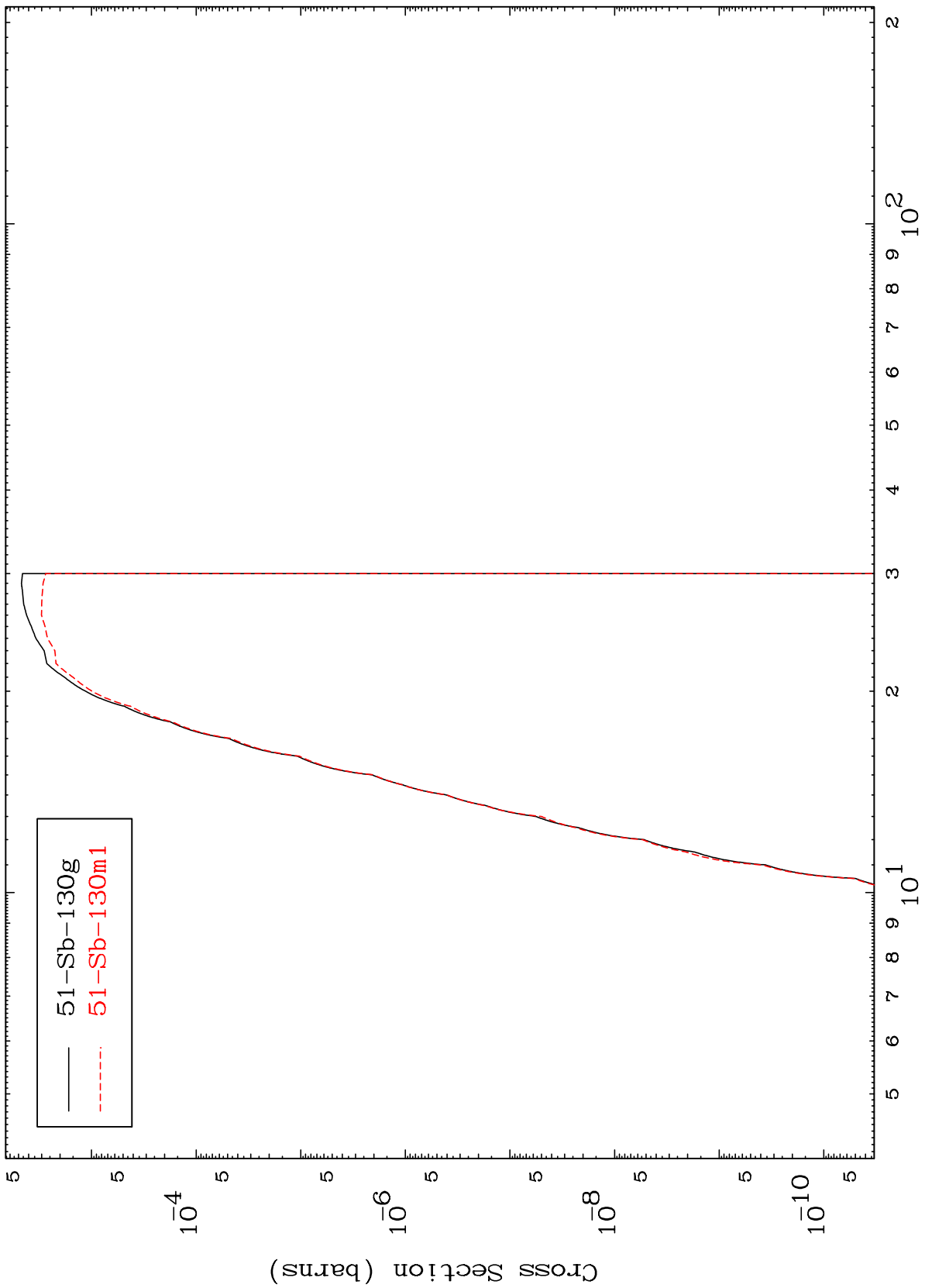


123

Incident Energy (MeV)

53-I -134

Radionuclide Production Cross Section



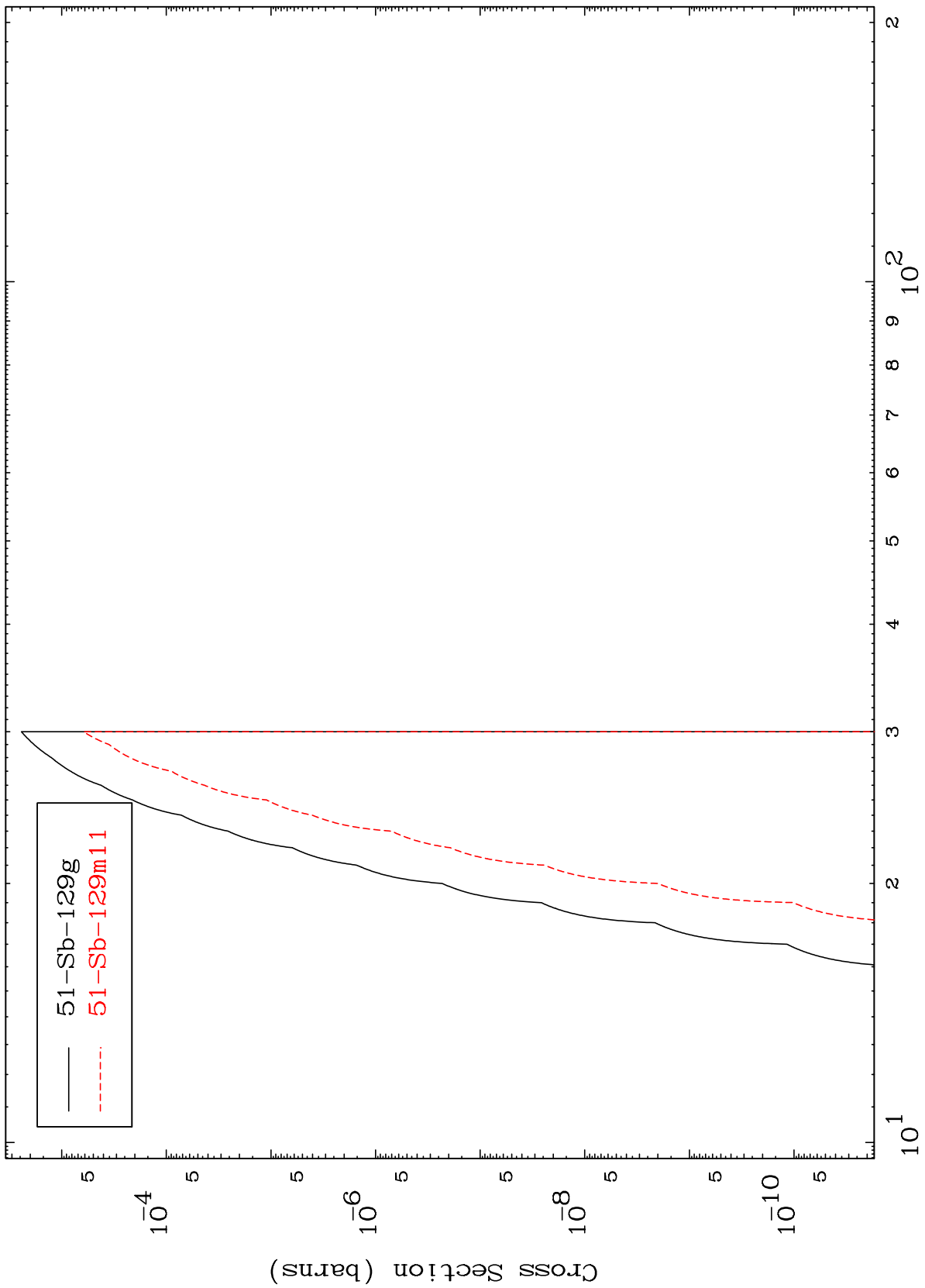
51-Sb-130g
51-Sb-130m1

MAT 5346

(n,2n) α

53-I -134

Radionuclide Production Cross Section



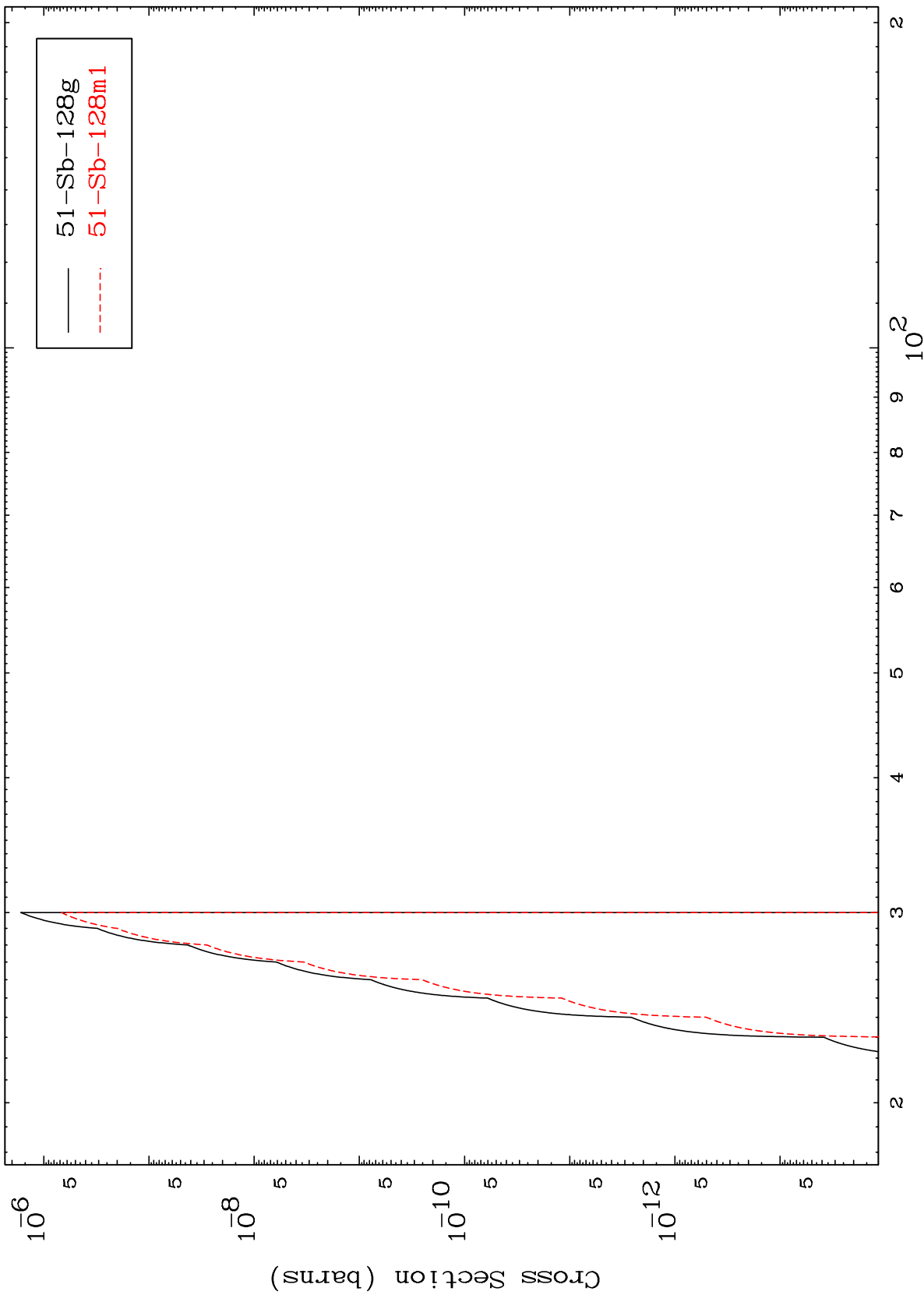
51-Sb-129g
51-Sb-129m11

Incident Energy (MeV)

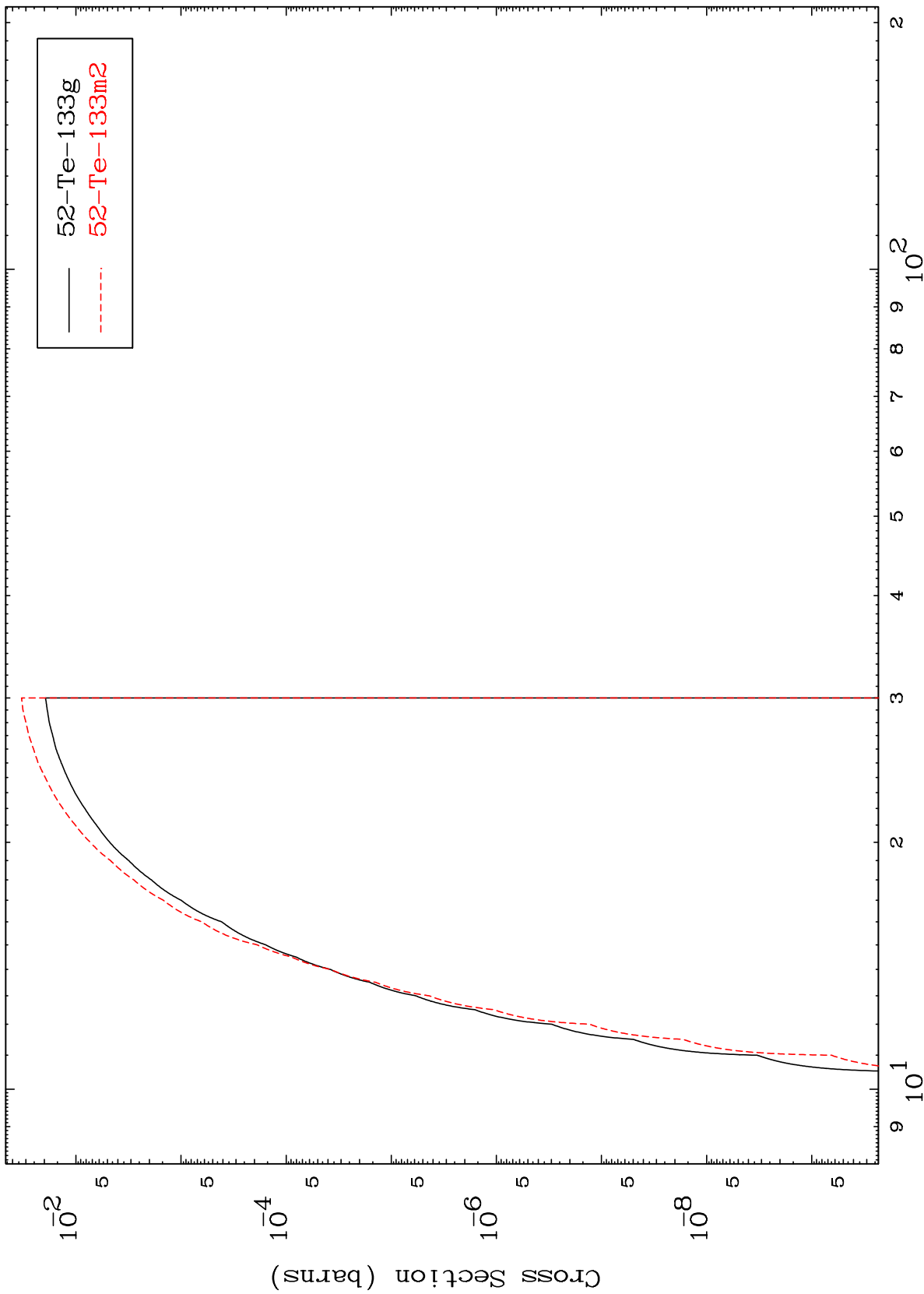
53-I -134

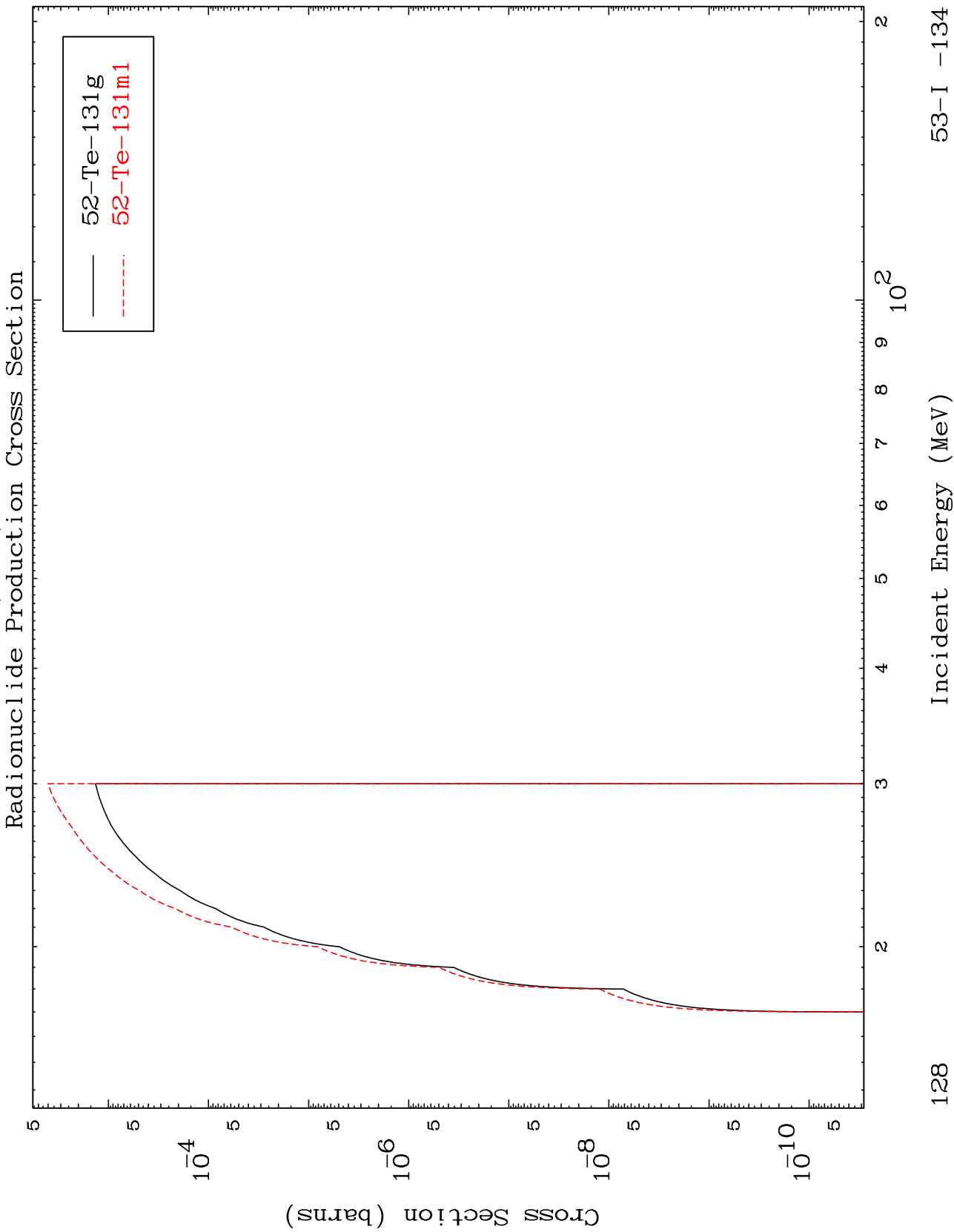
125

Radionuclide Production Cross Section

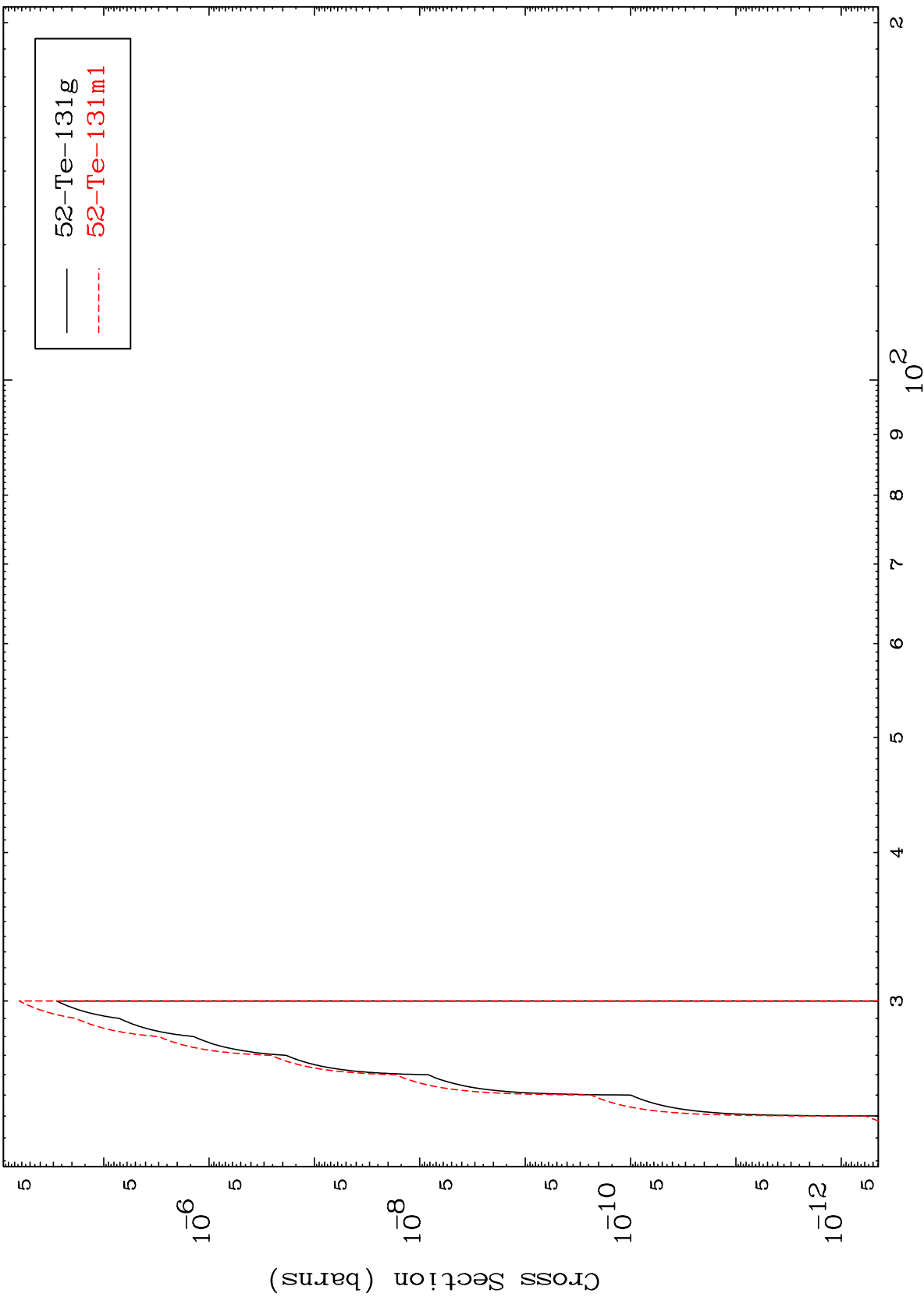


Radionuclide Production Cross Section





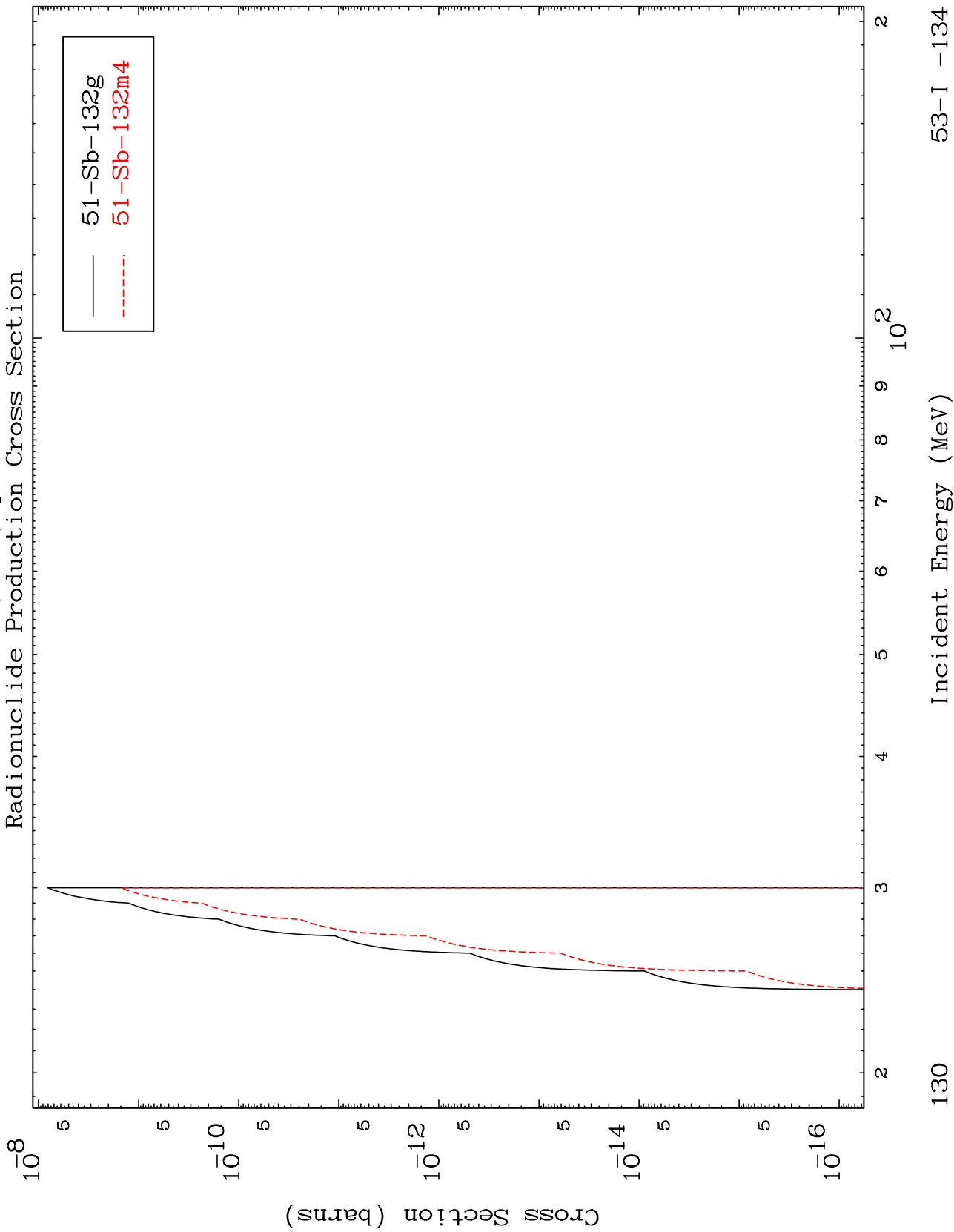
Radionuclide Production Cross Section



MAT 5346

(n,2n) p

53-I -134



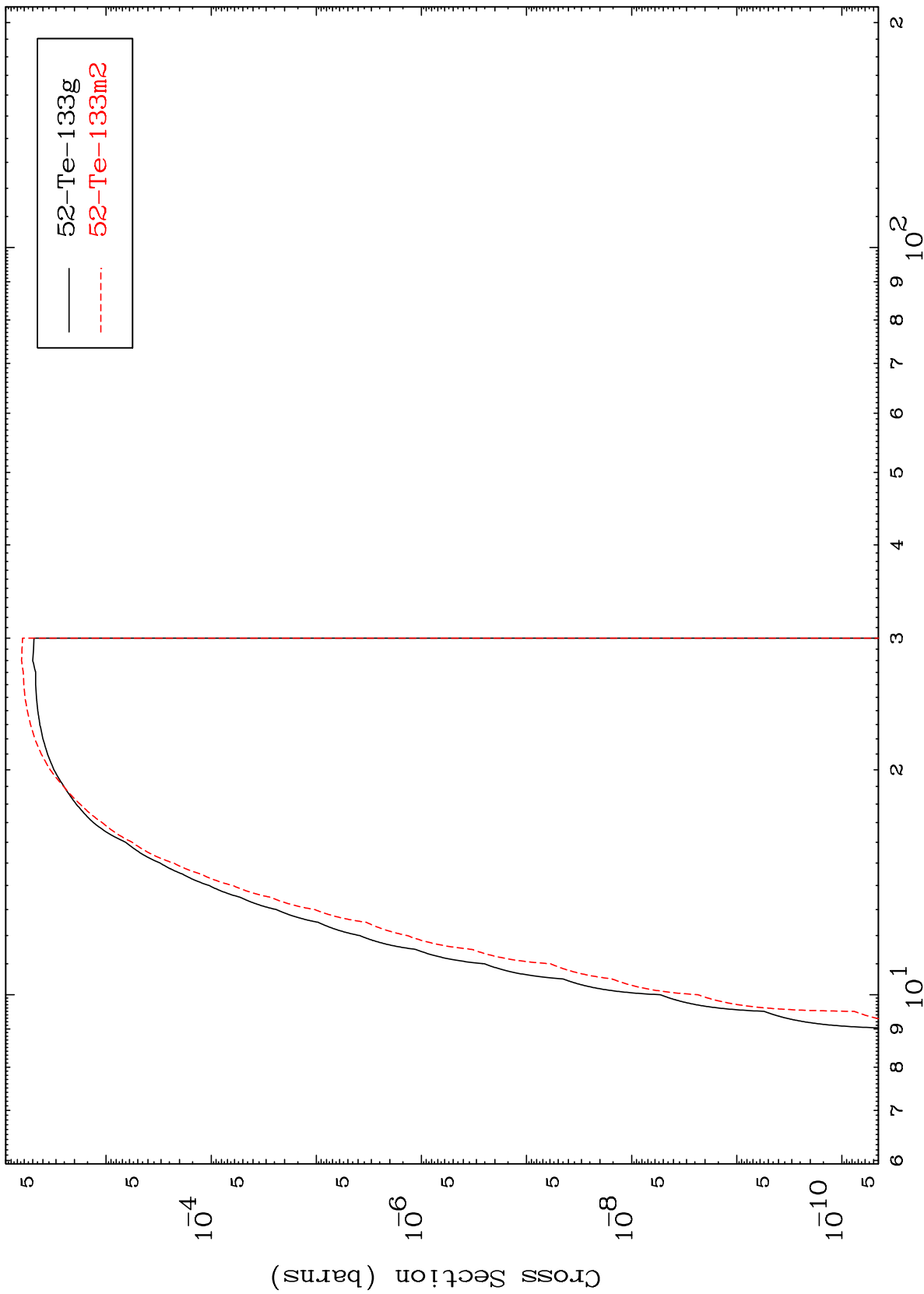
130

53-I -134

MAT 5346

53-I -134

(n,d)
Radionuclide Production Cross Section

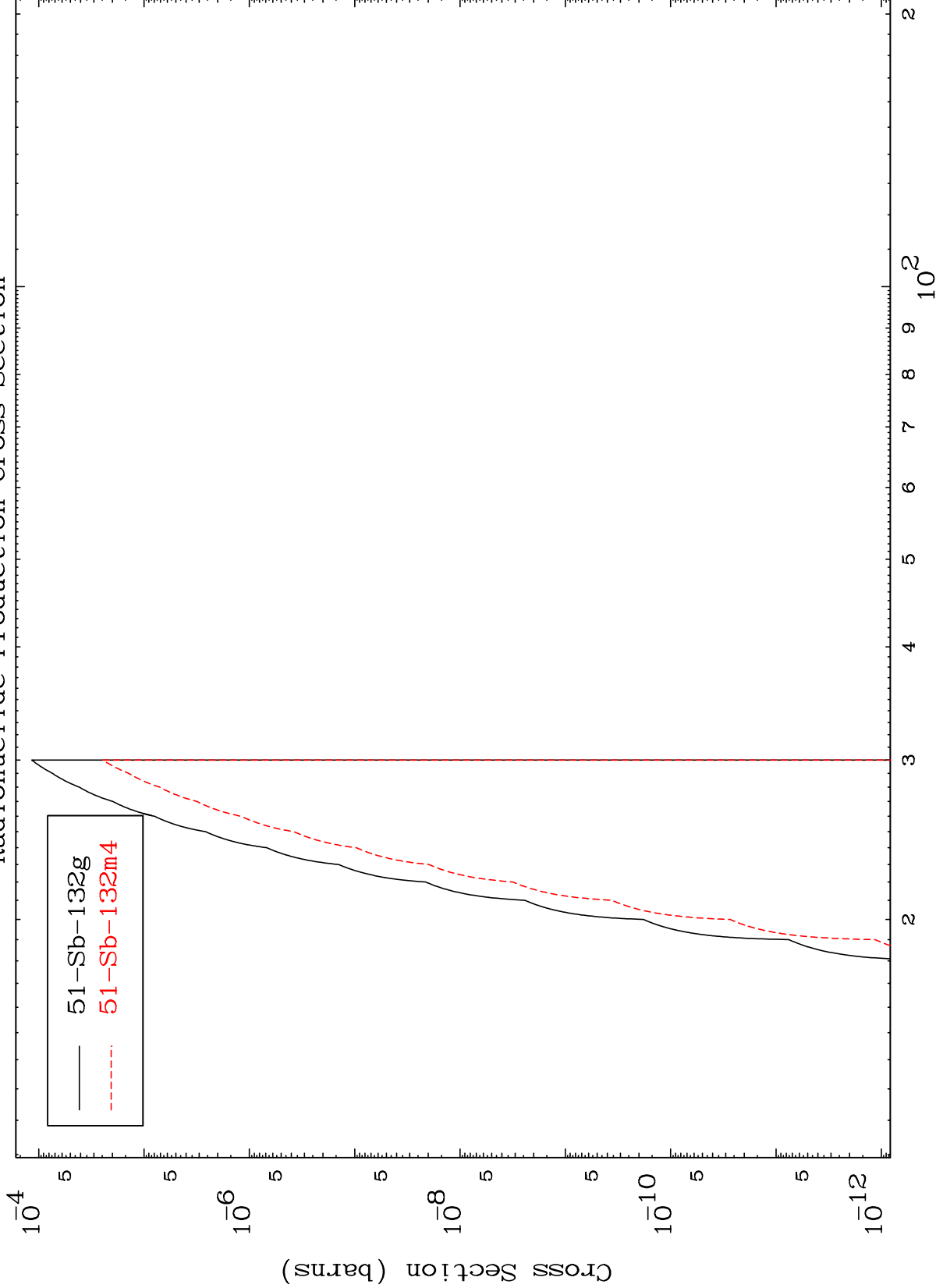


131

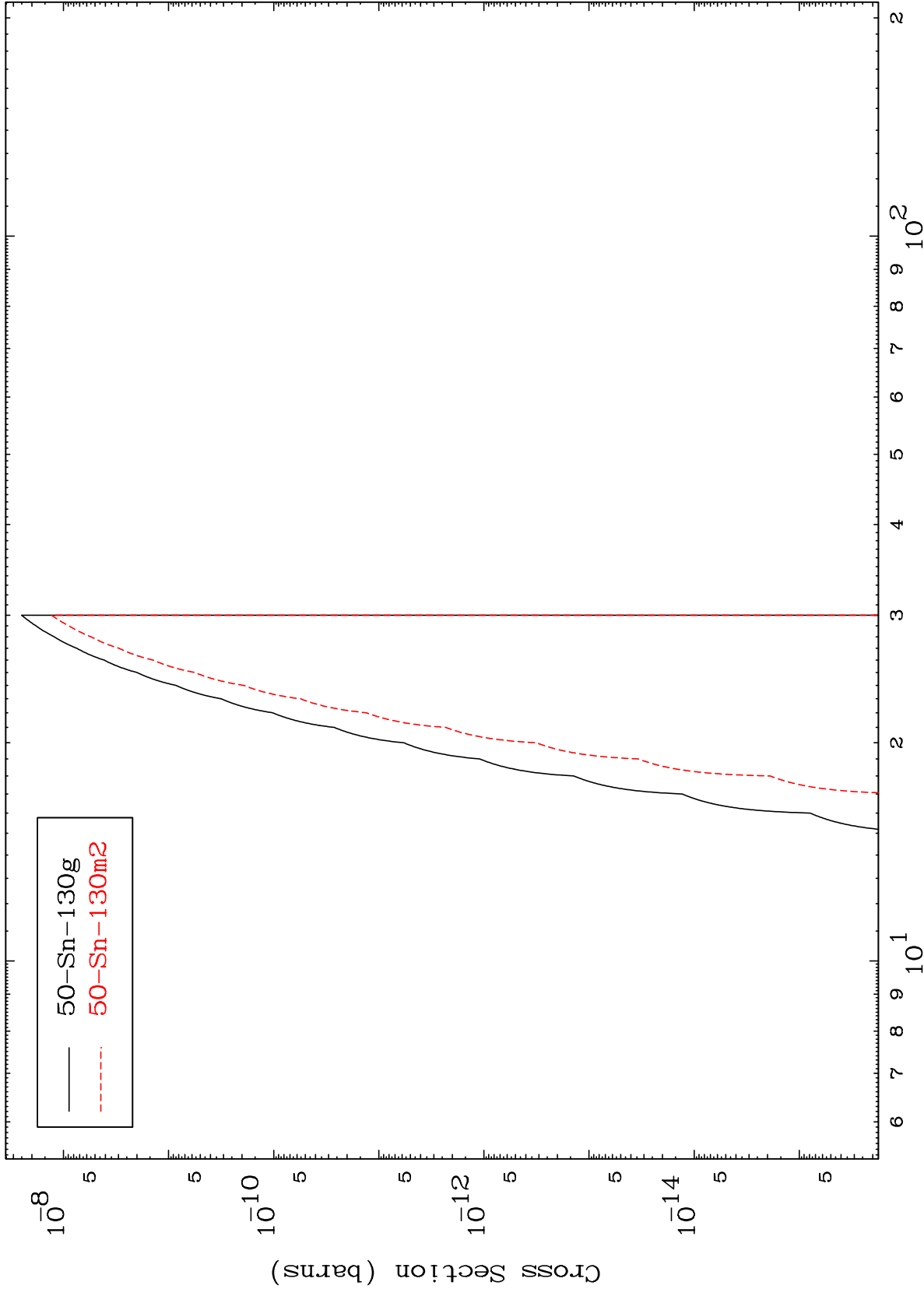
Incident Energy (MeV)

53-I -134

Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

