

Program EVALPLOT  
(Version 2017-1)

by

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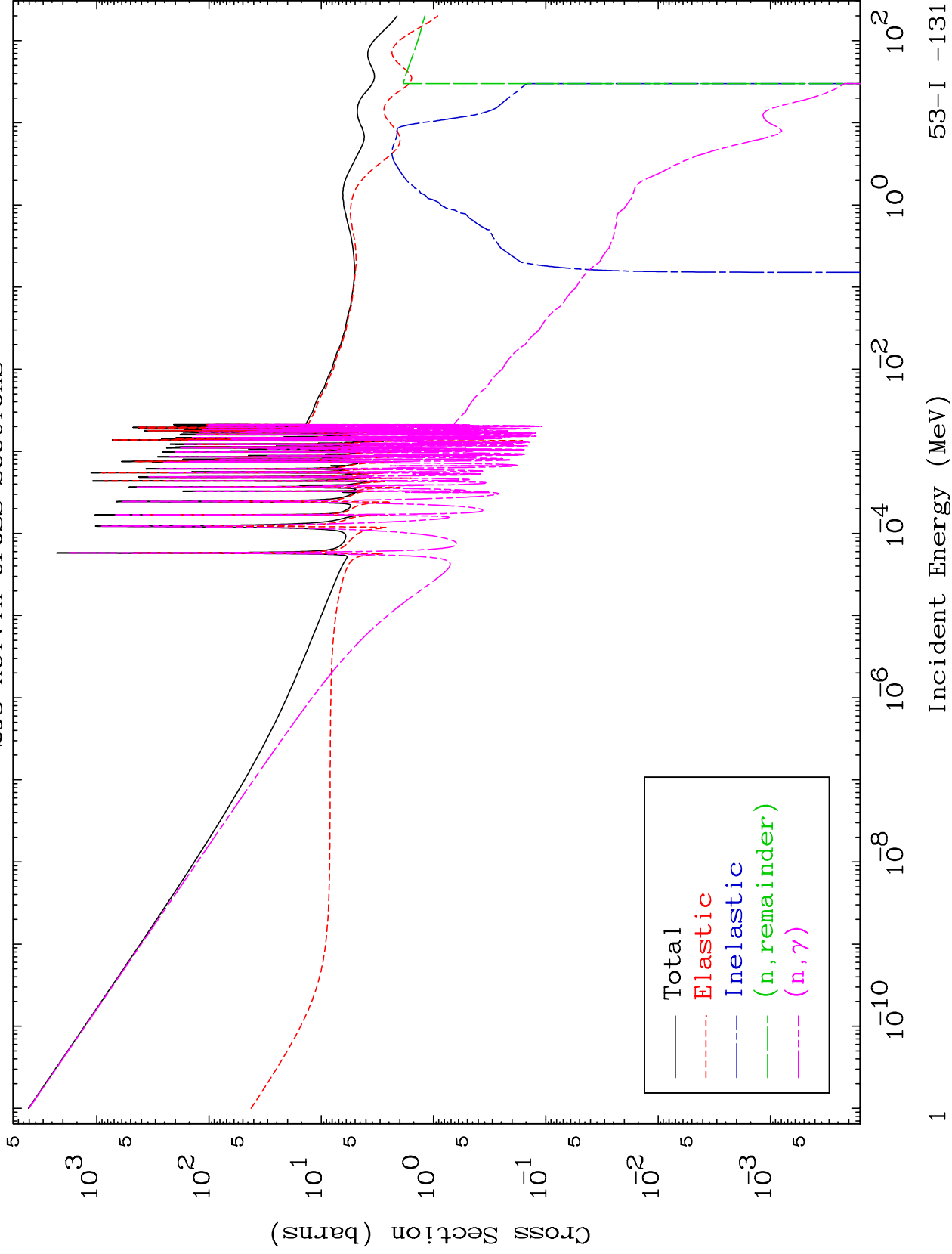
Press Mouse Button to Start

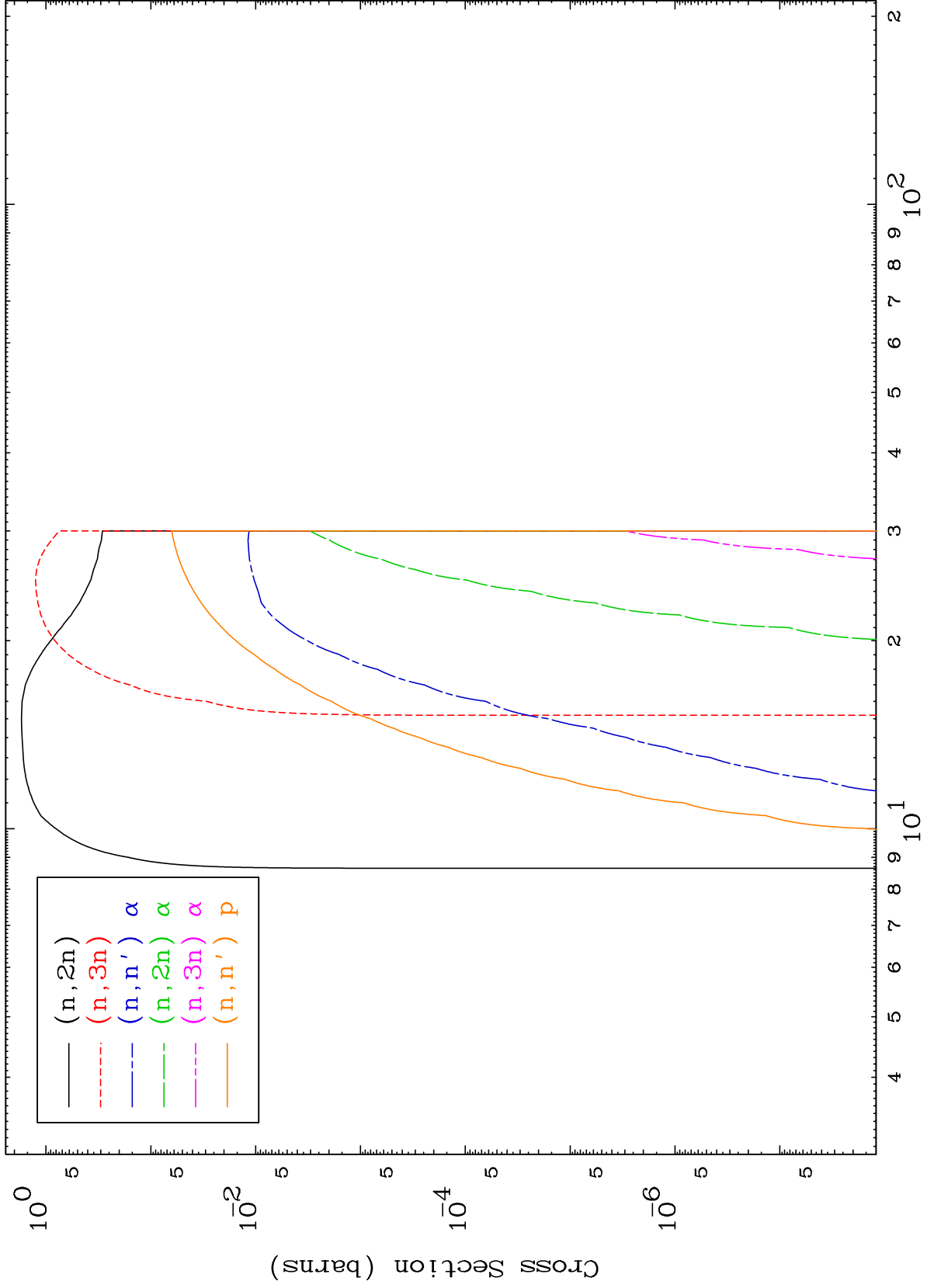
MAT 5337

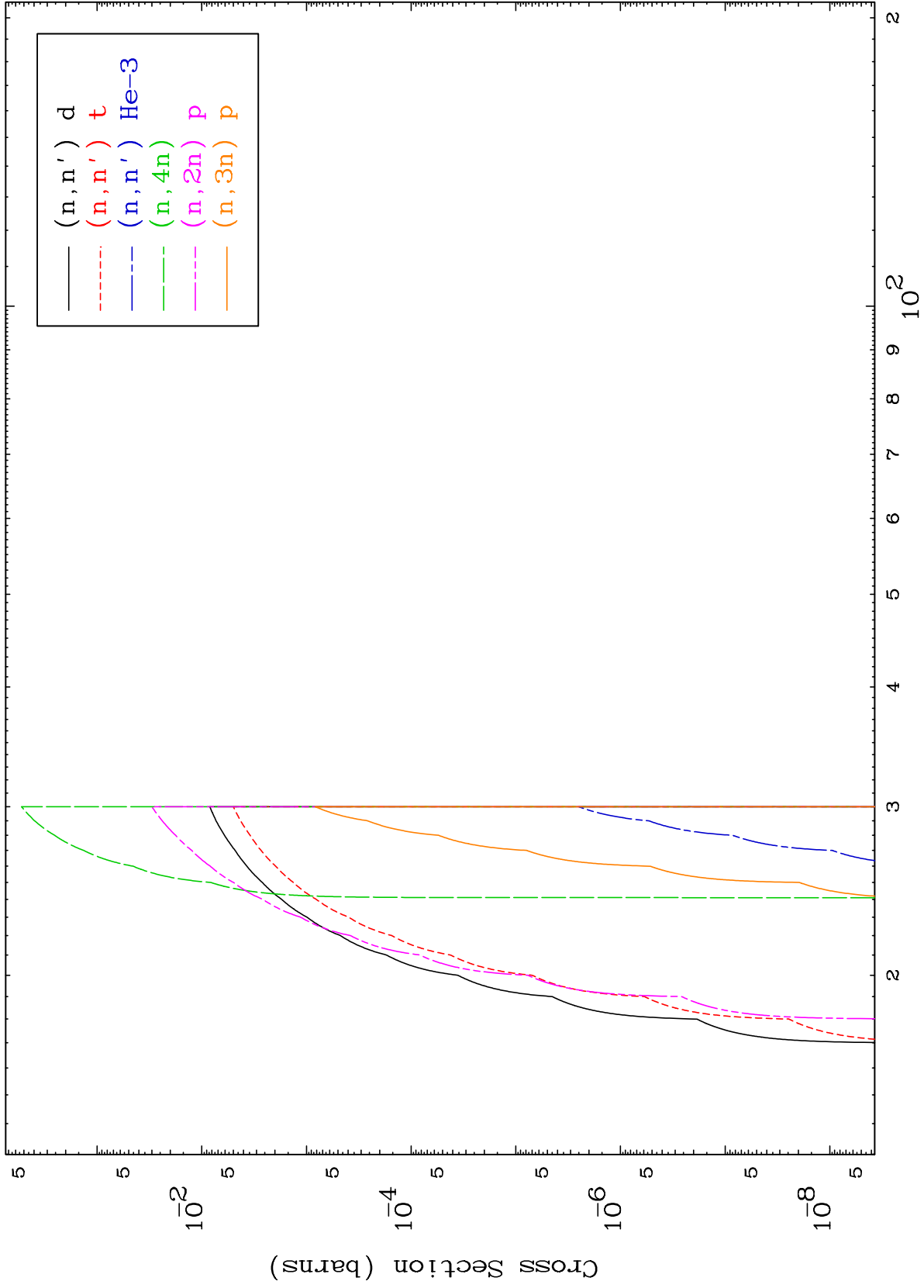
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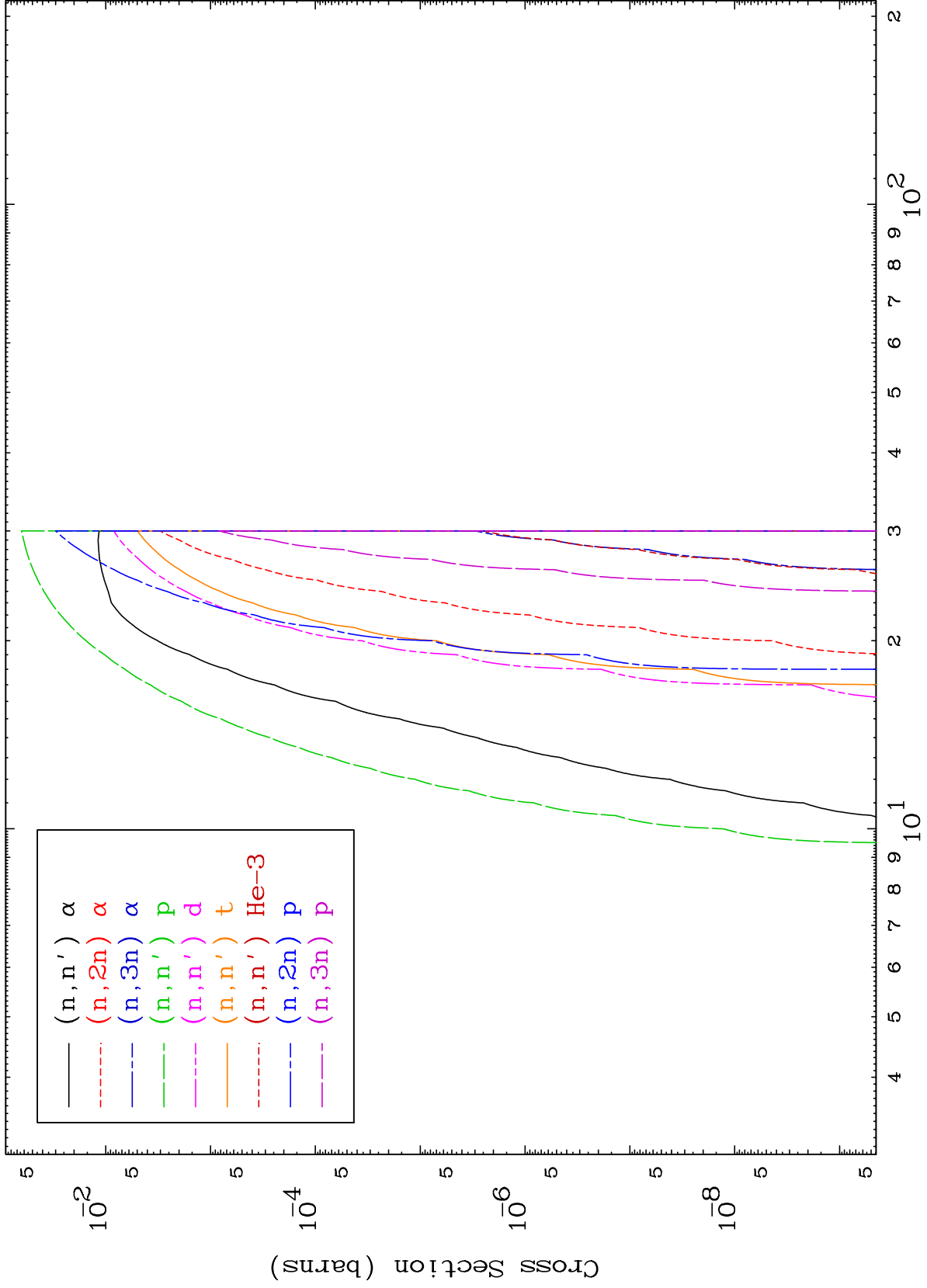
293 Kelvin Cross Sections

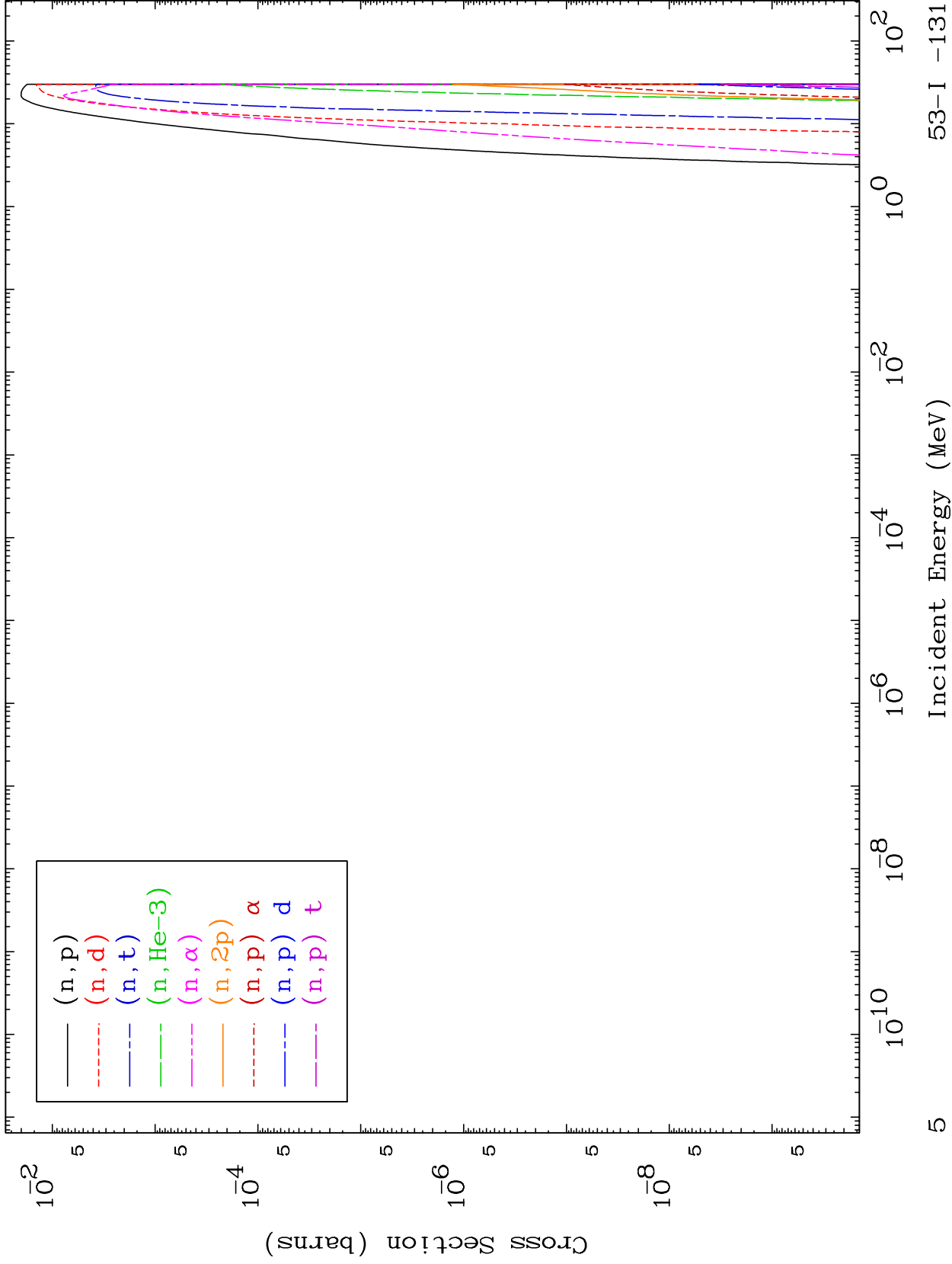
53-I -131

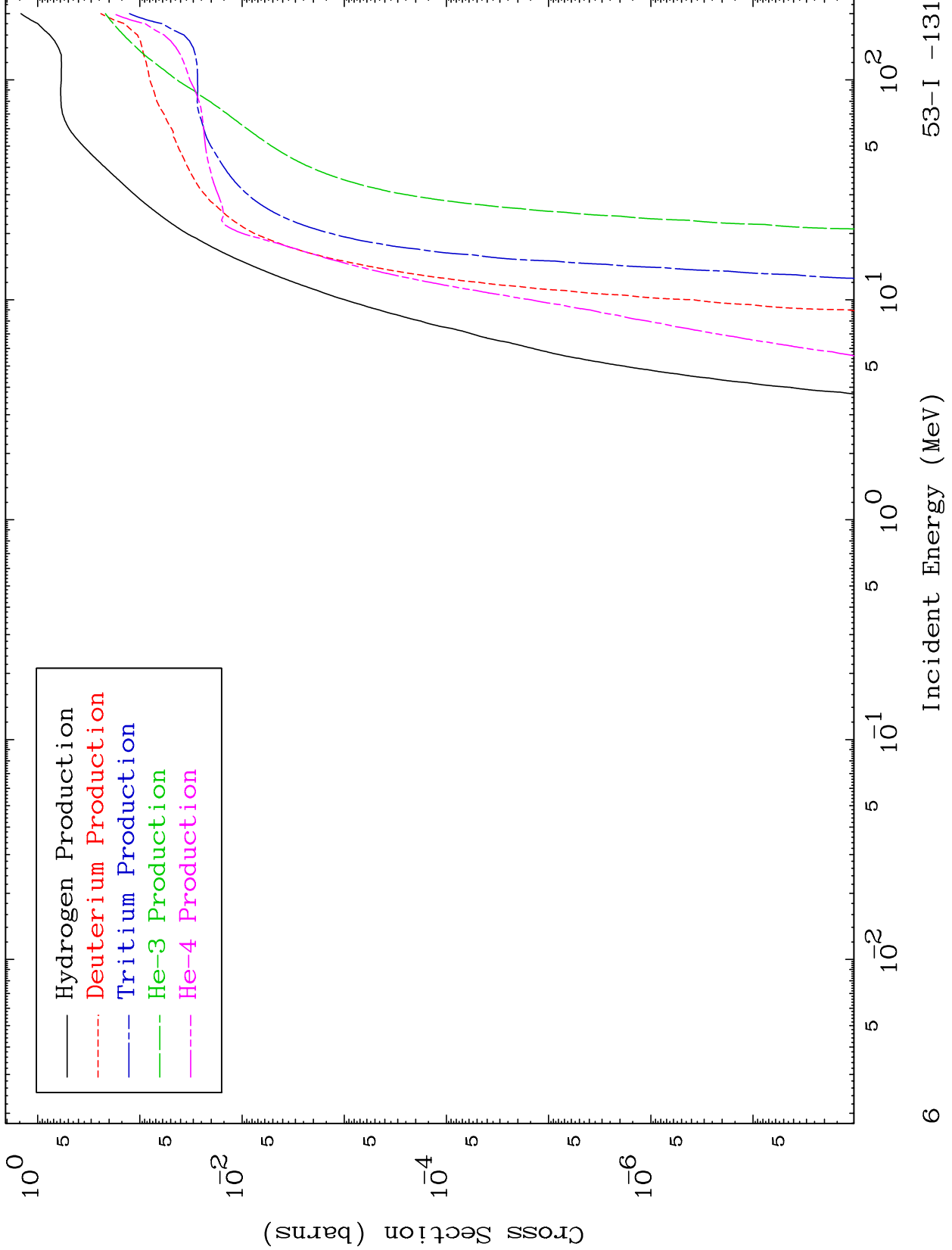




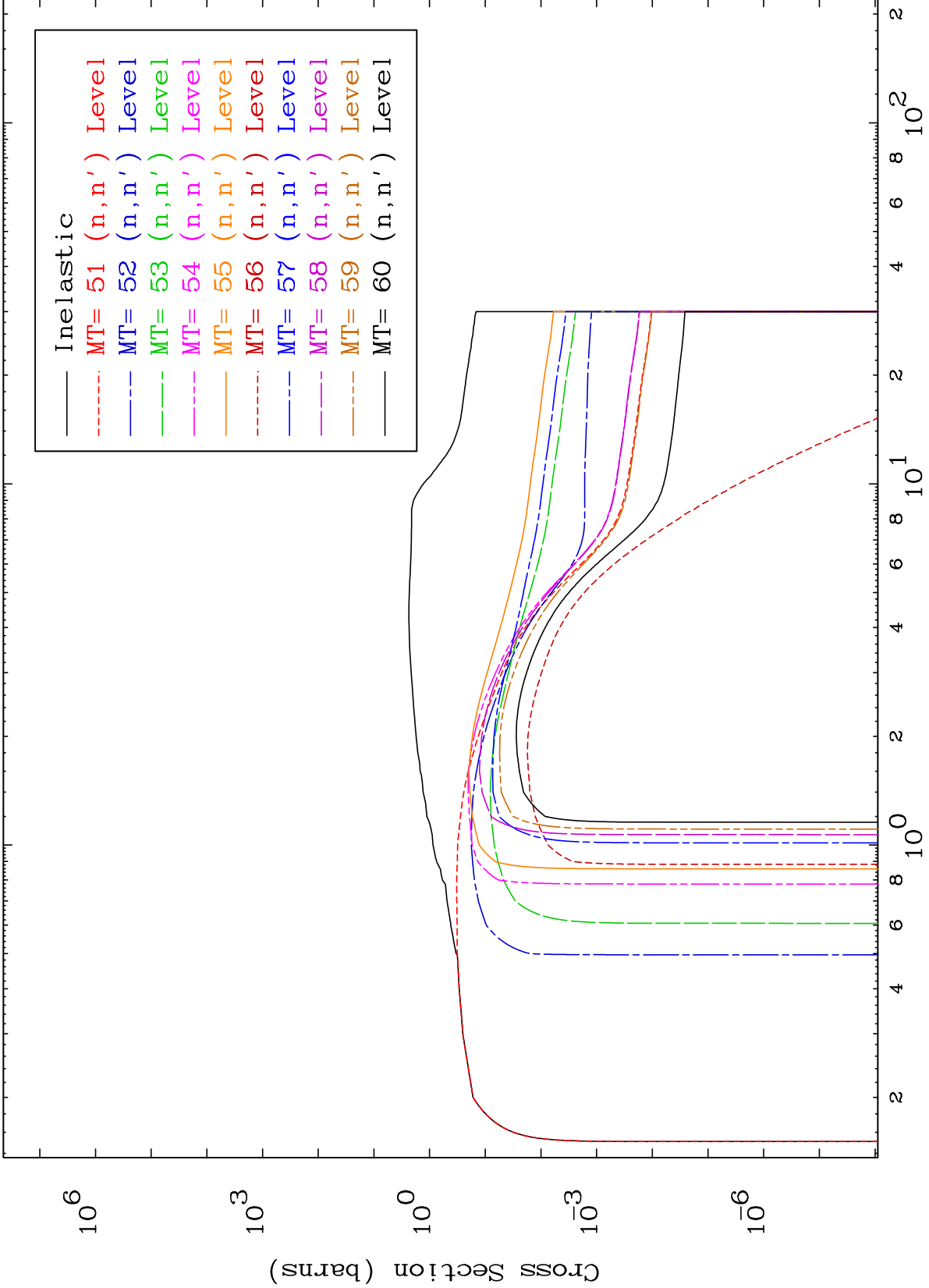






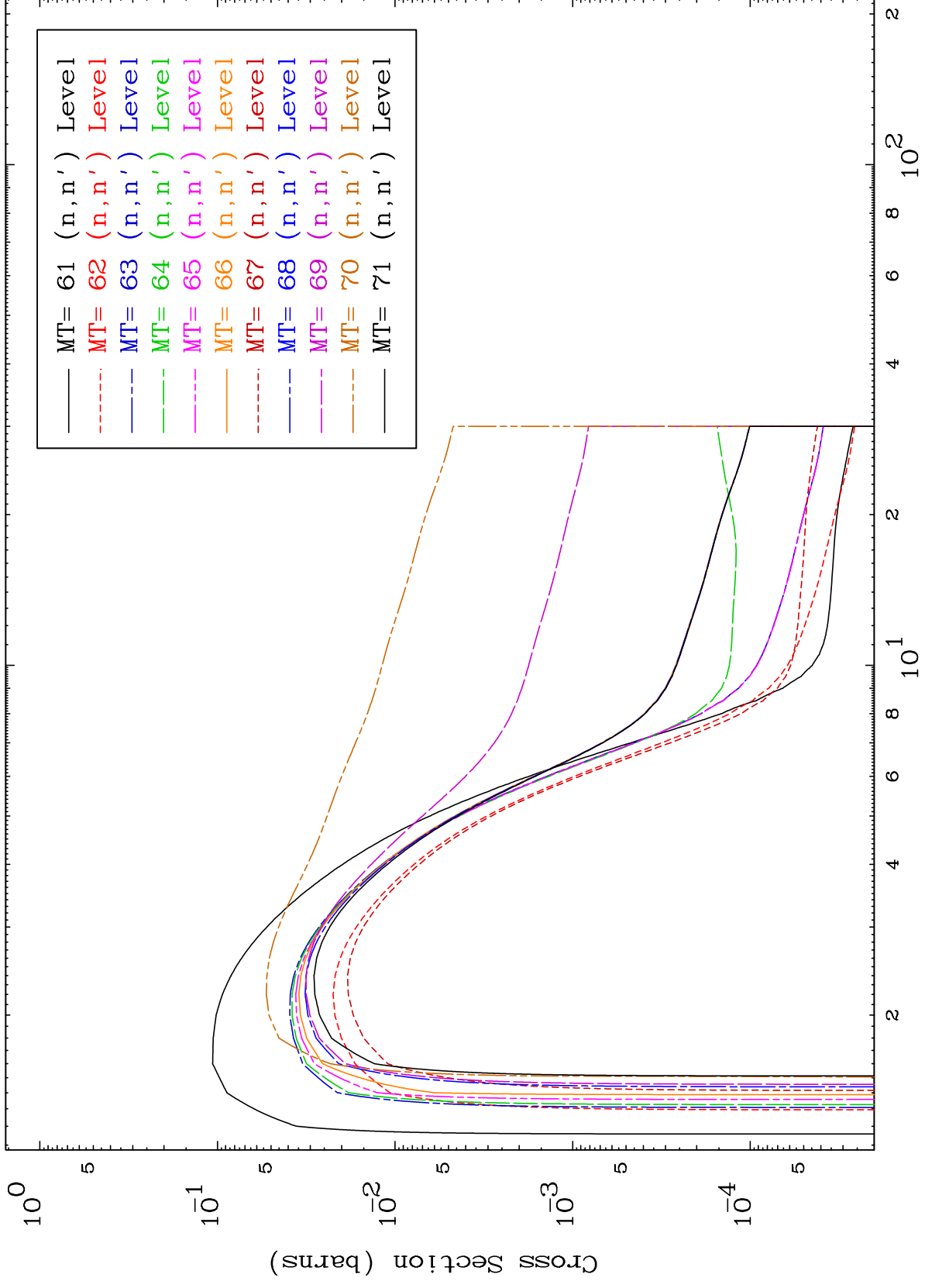


293 Kelvin Cross Sections

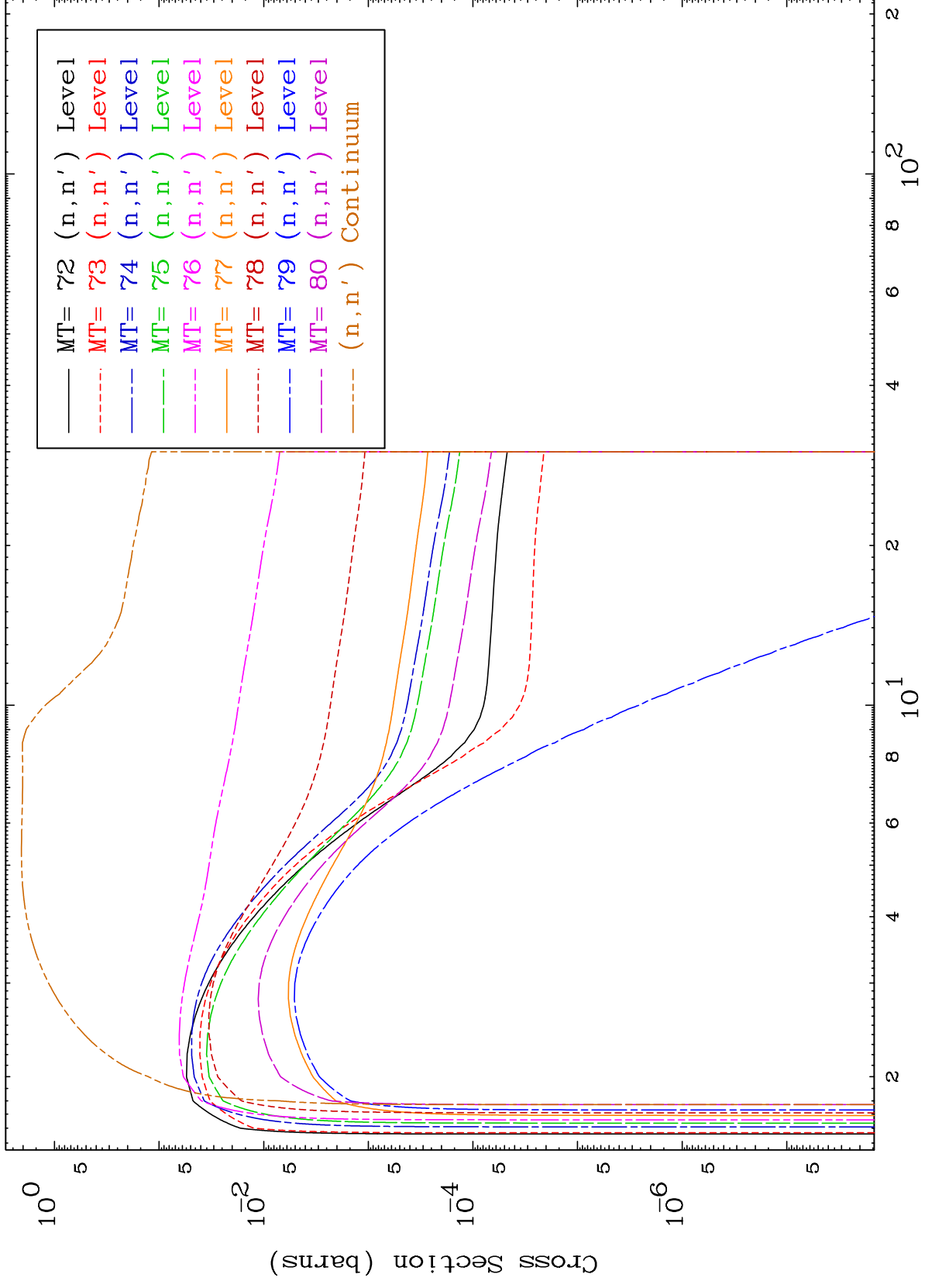




293 Kelvin Cross Sections



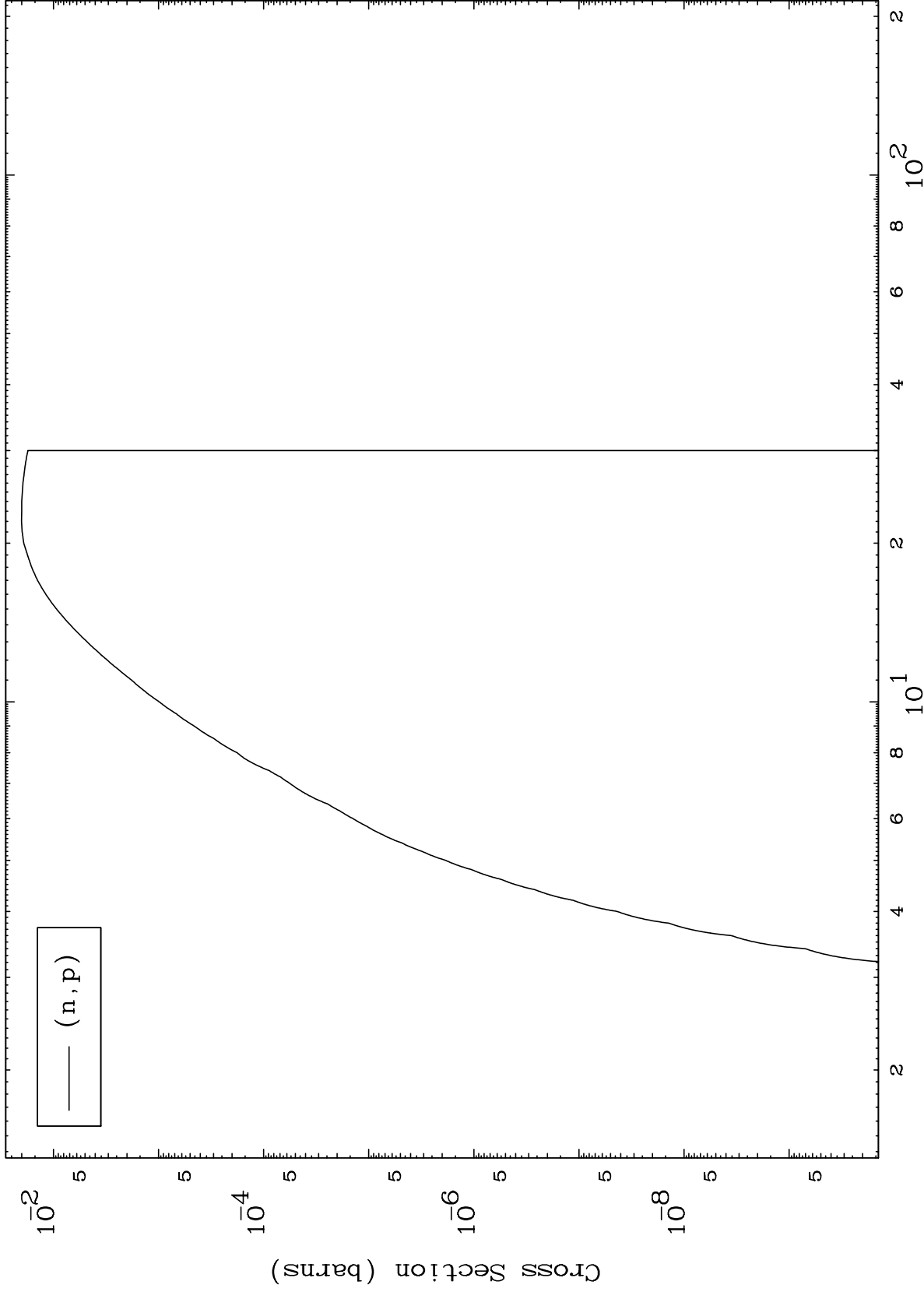
293 Kelvin Cross Sections



MAT 5337

(n,p) Levels  
293 Kelvin Cross Sections

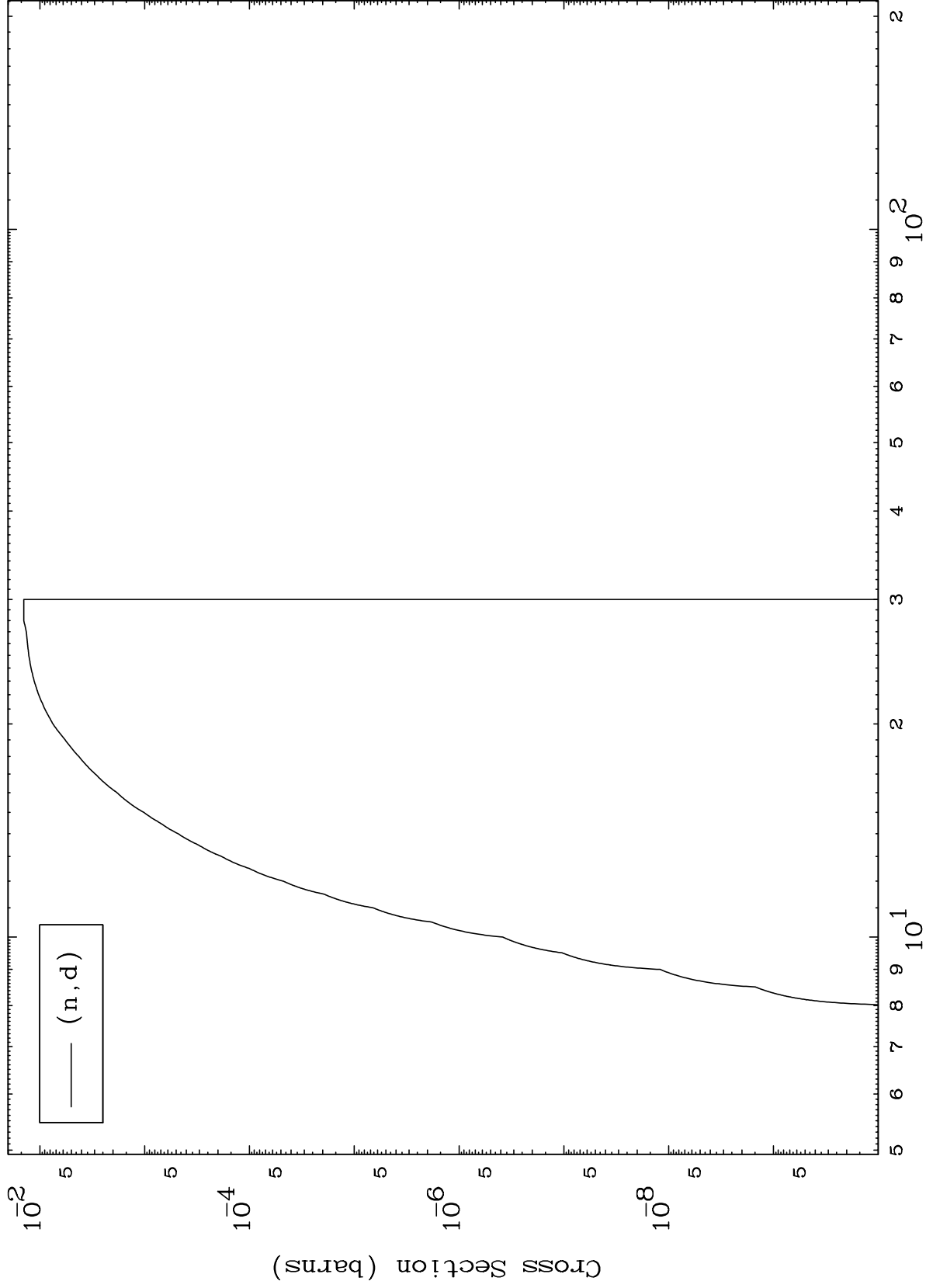
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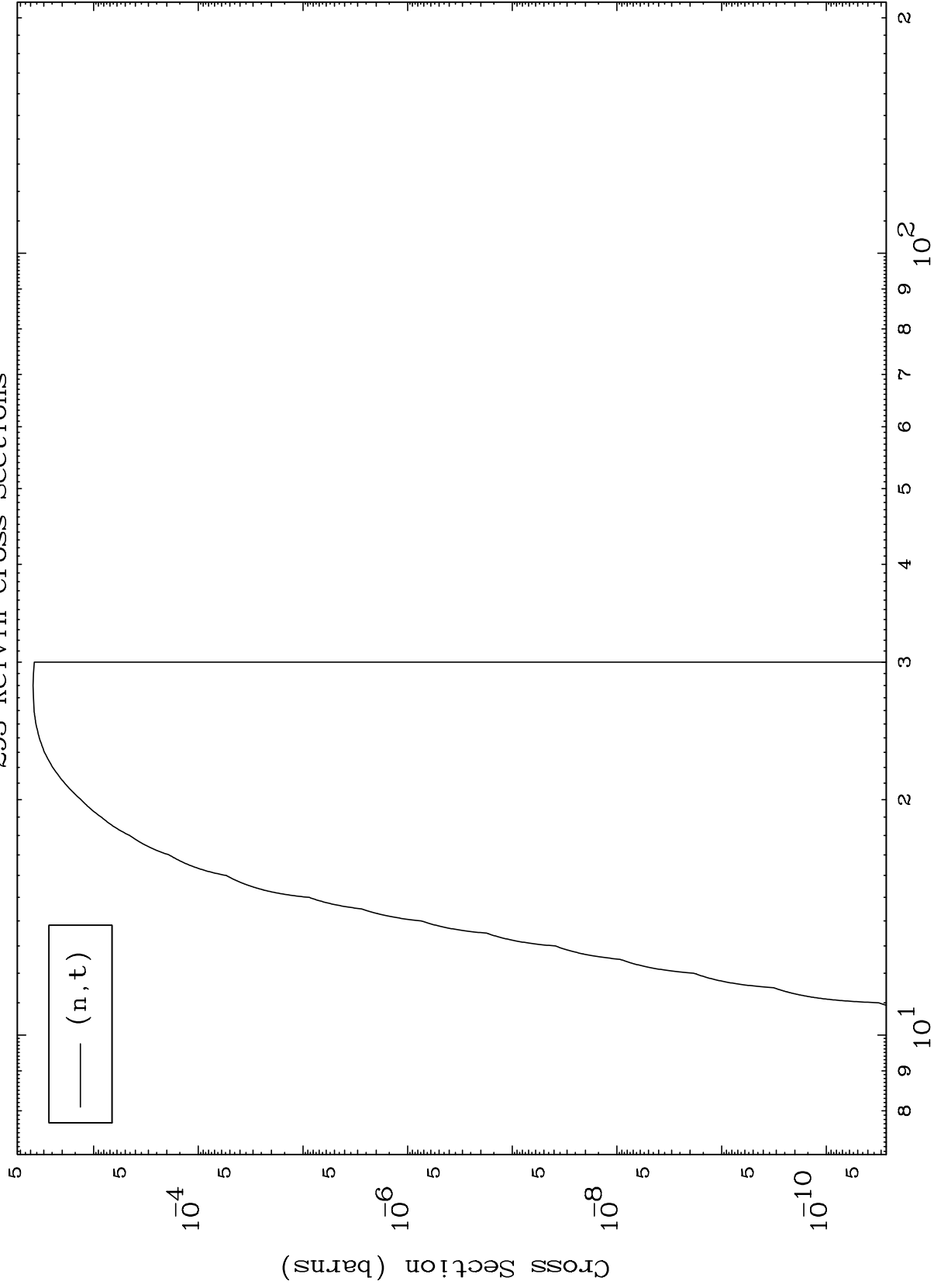


10

Incident Energy (MeV)

53-I -131

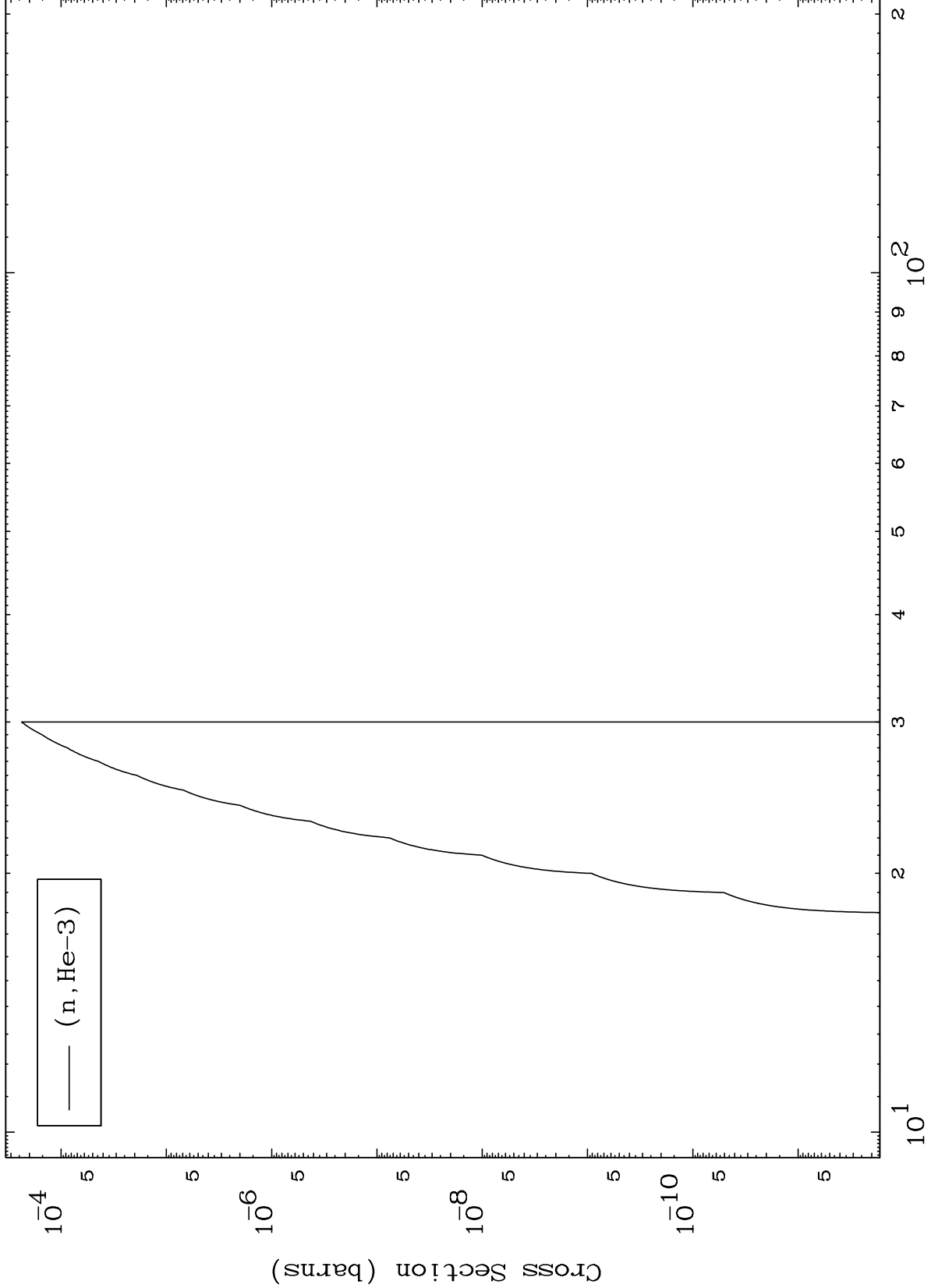




MAT 5337

(n,He3) Levels  
293 Kelvin Cross Sections

53-I -131



13

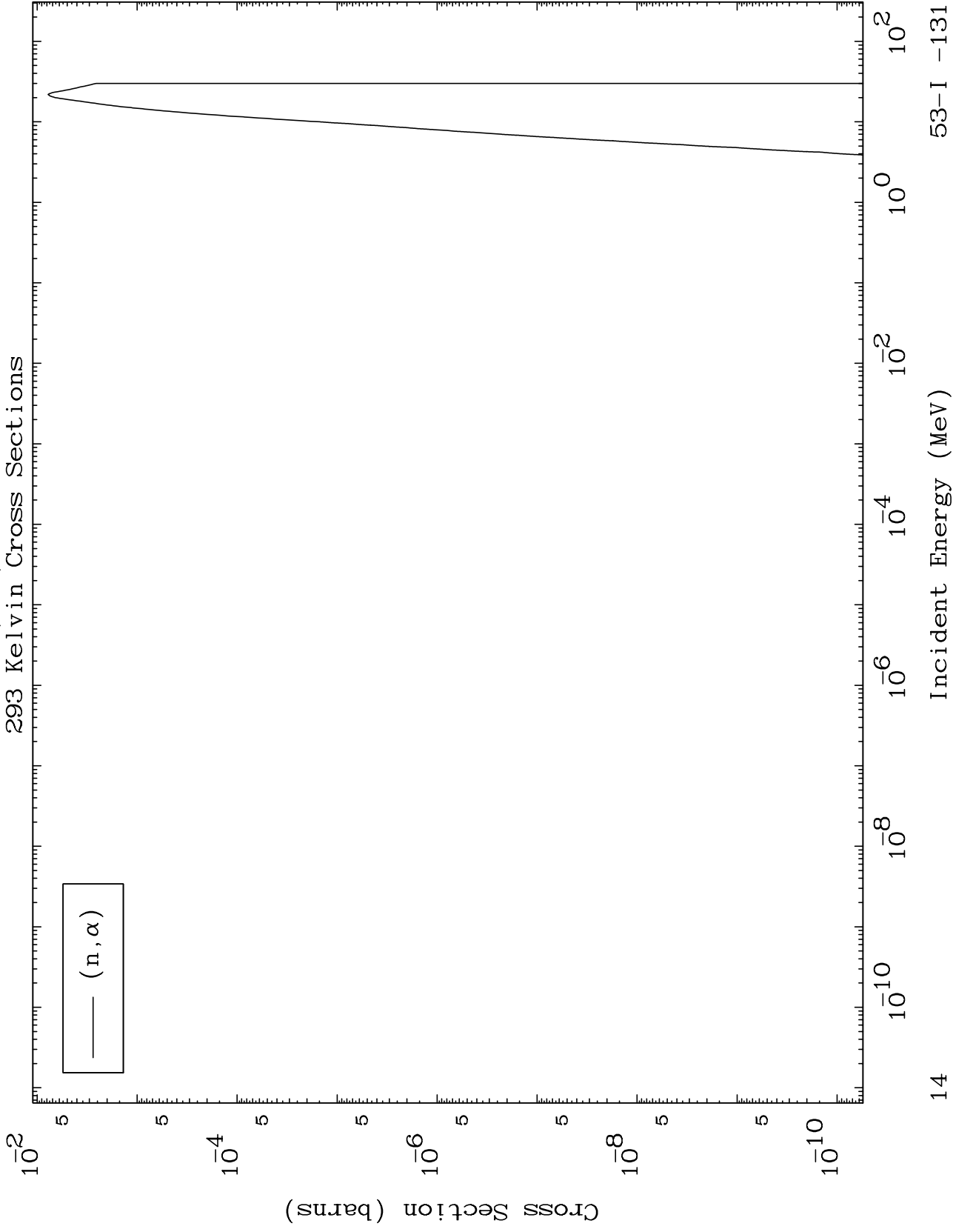
Incident Energy (MeV)

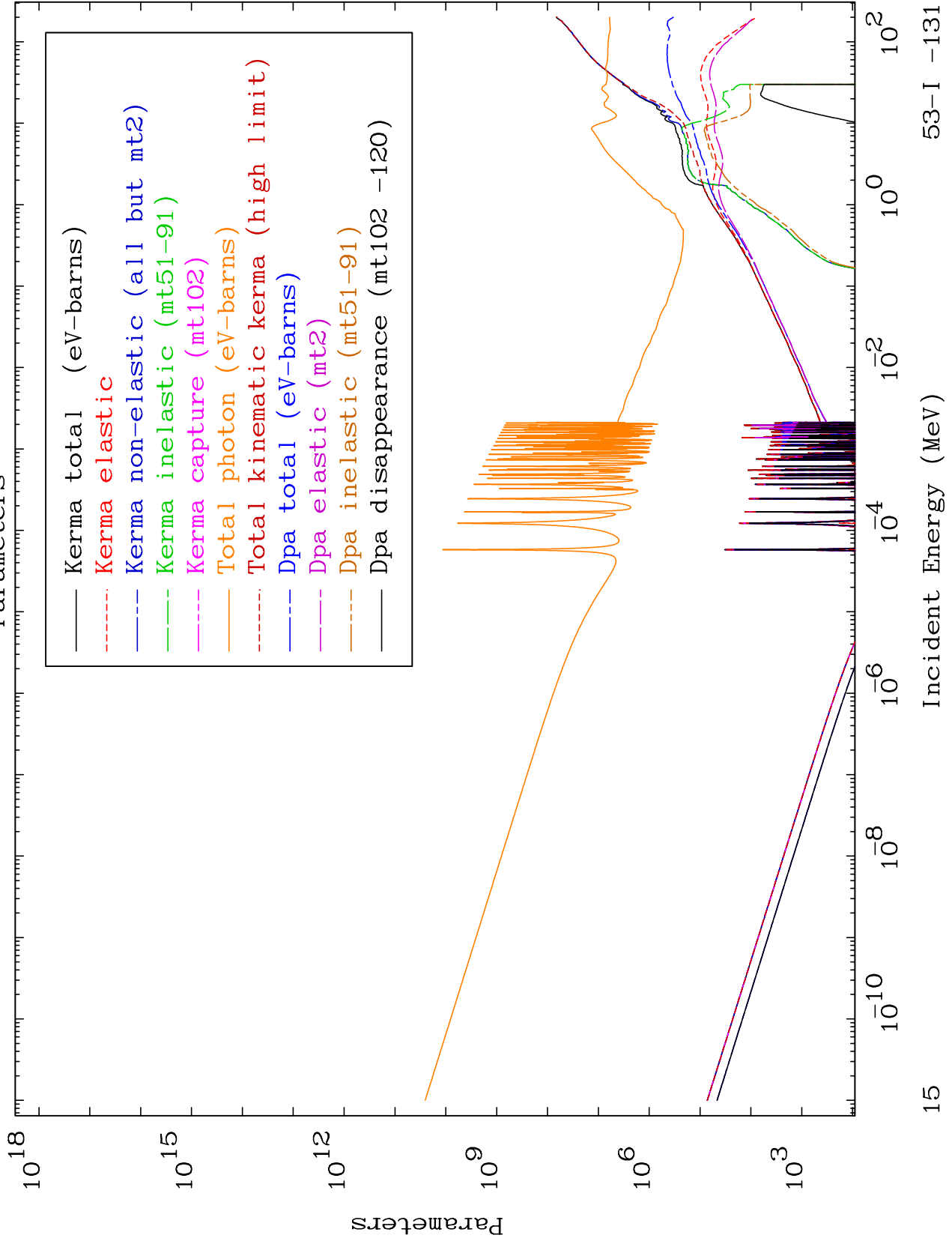
53-I -131

MAT 5337

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

53-I -131



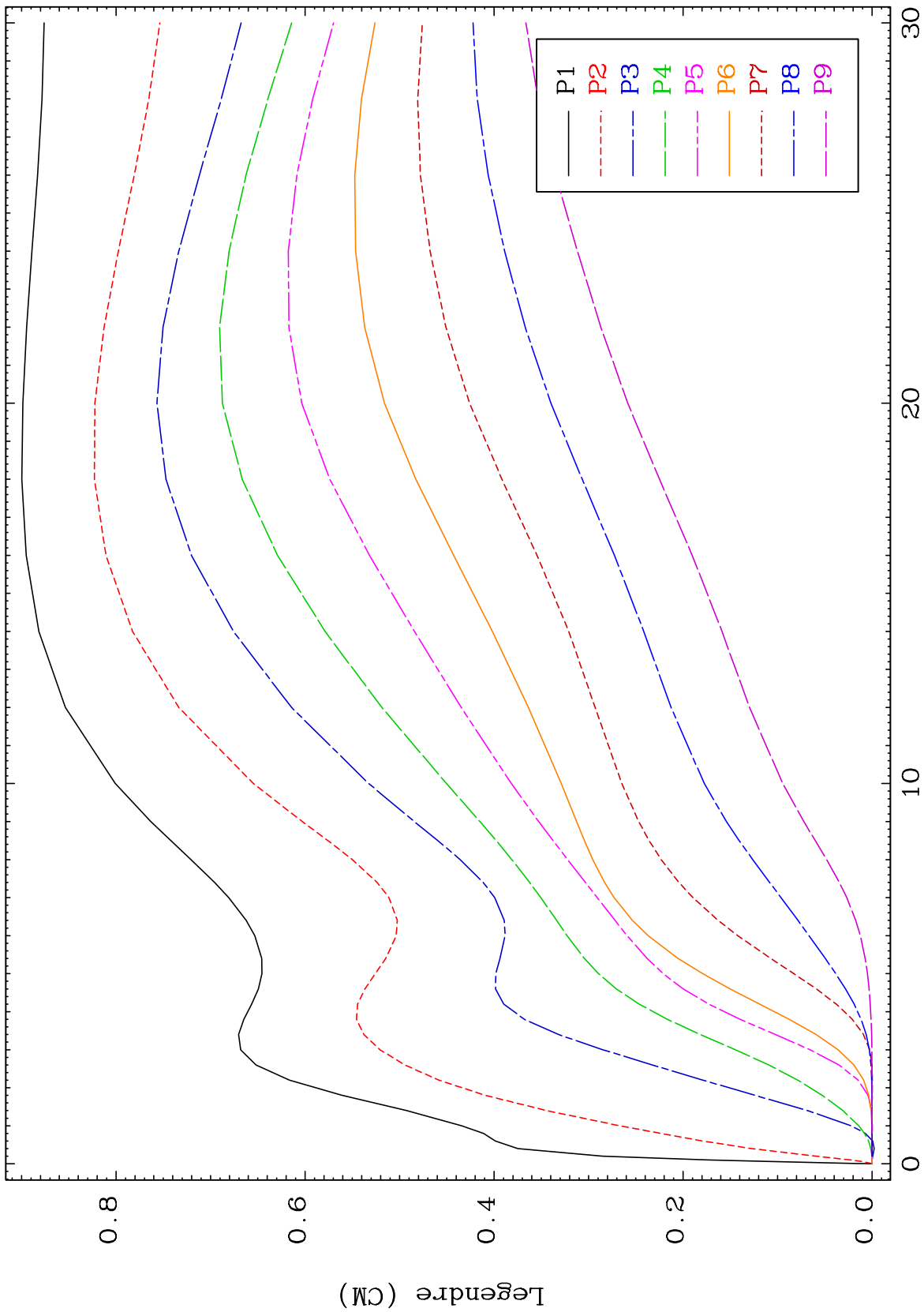




MAT 5337

Elastic Legendre Coefficients

53-I -131



16

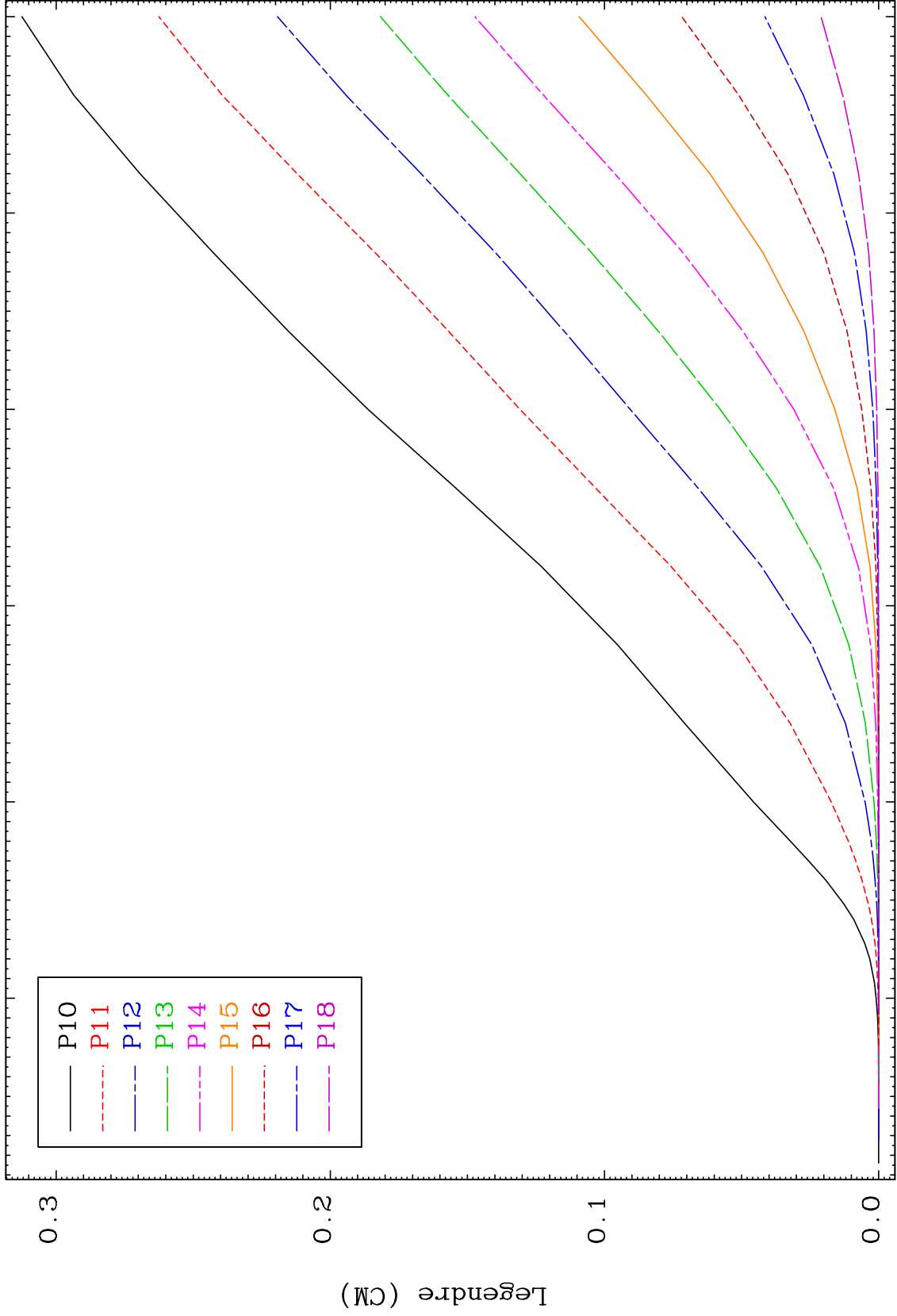
Incident Energy (MeV)

53-I -131

MAT 5337

Elastic Legendre Coefficients

53-I -131



17

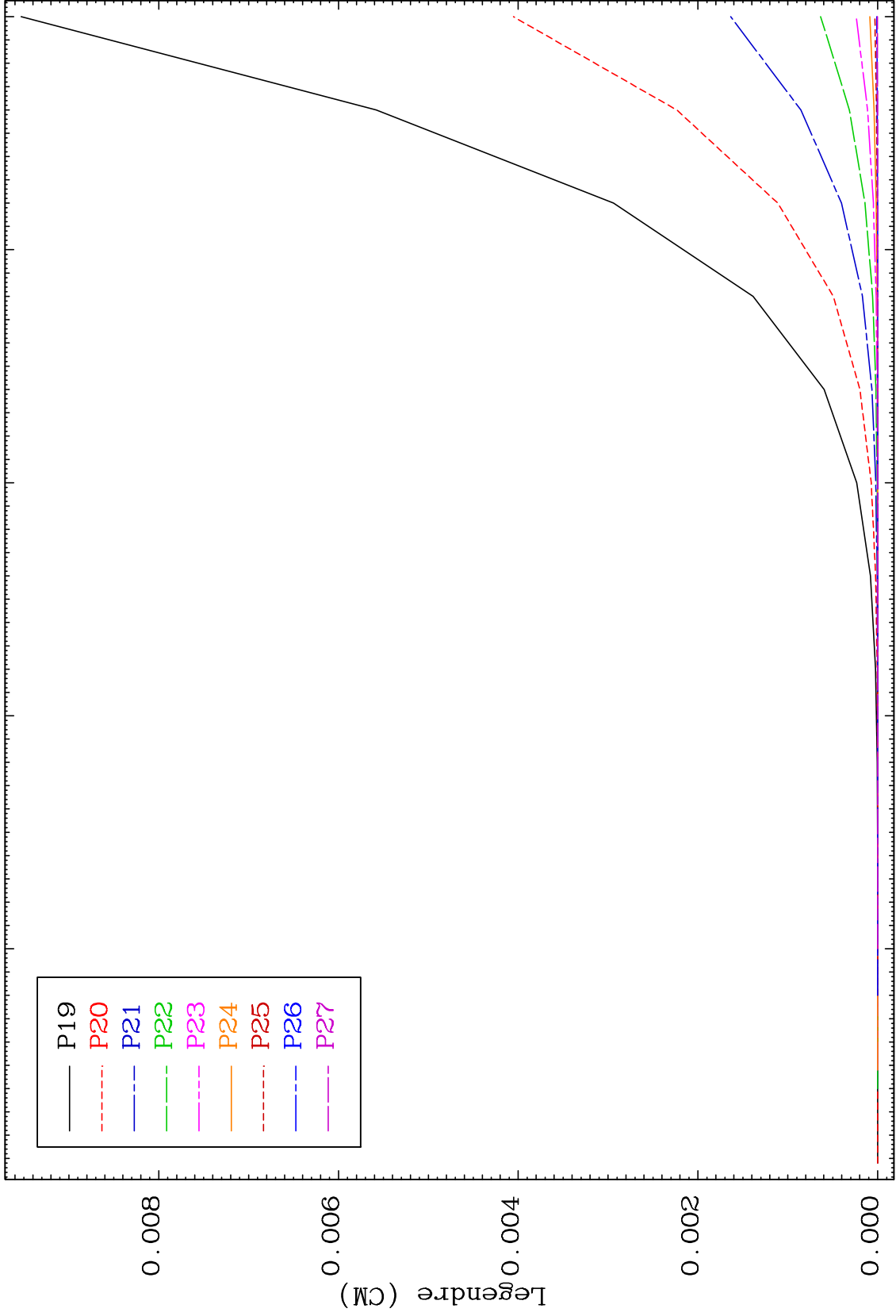
Incident Energy (MeV)

53-I -131

MAT 5337

### Elastic Legendre Coefficients

53-I -131



18

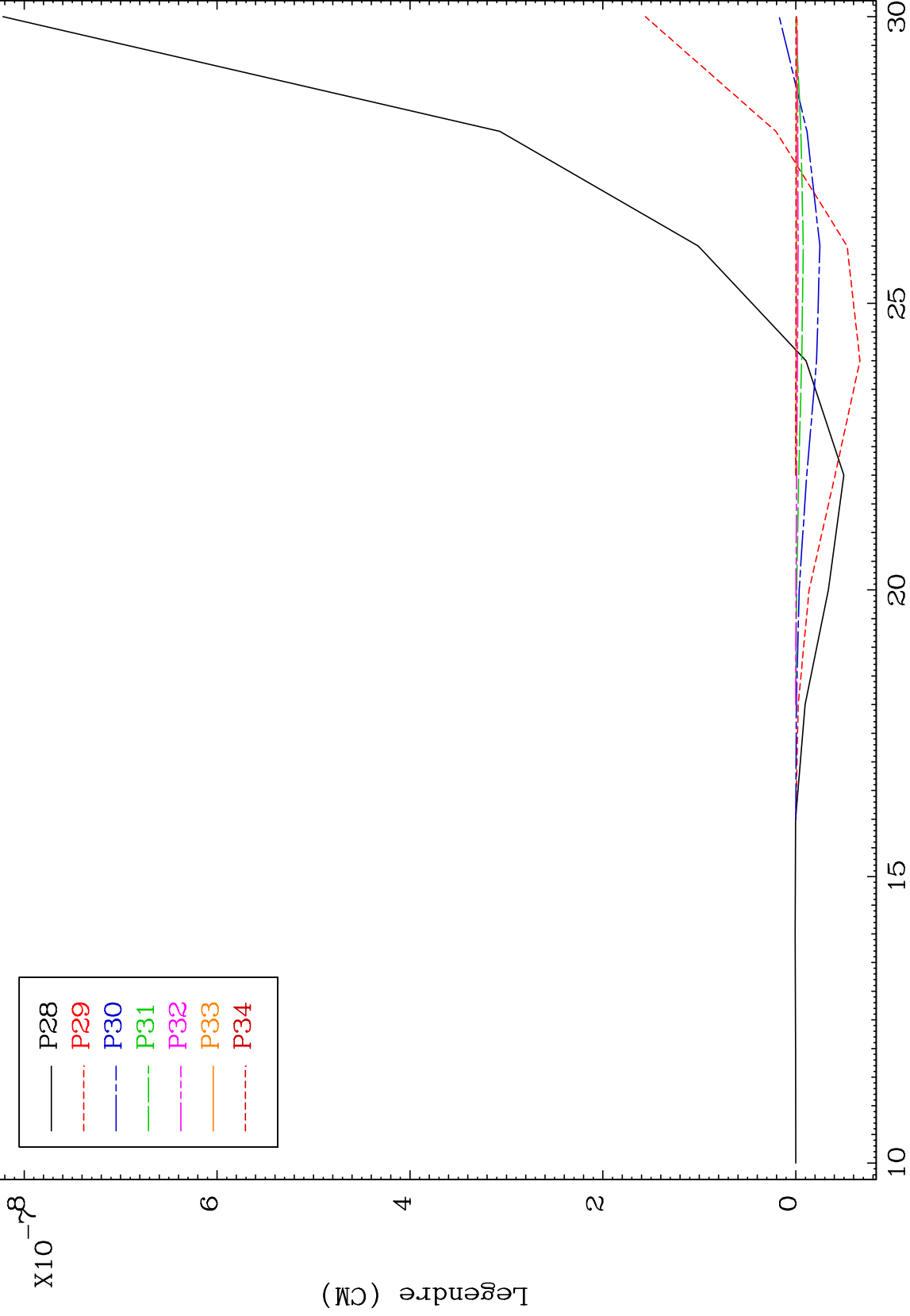
Incident Energy (MeV)

53-I -131

MAT 5337

Elastic  
Legendre Coefficients

53-I -131



19

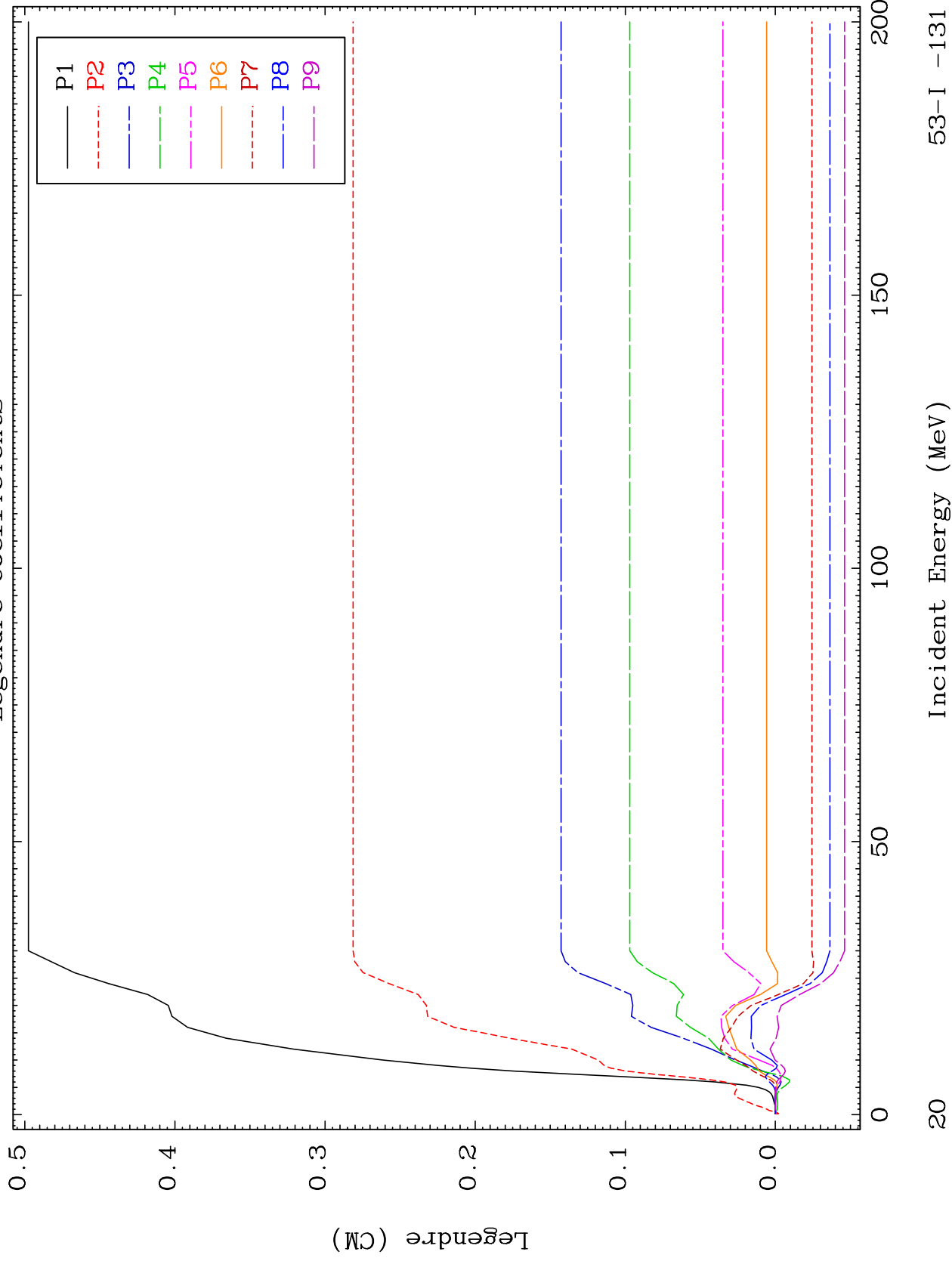
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



53-I -131

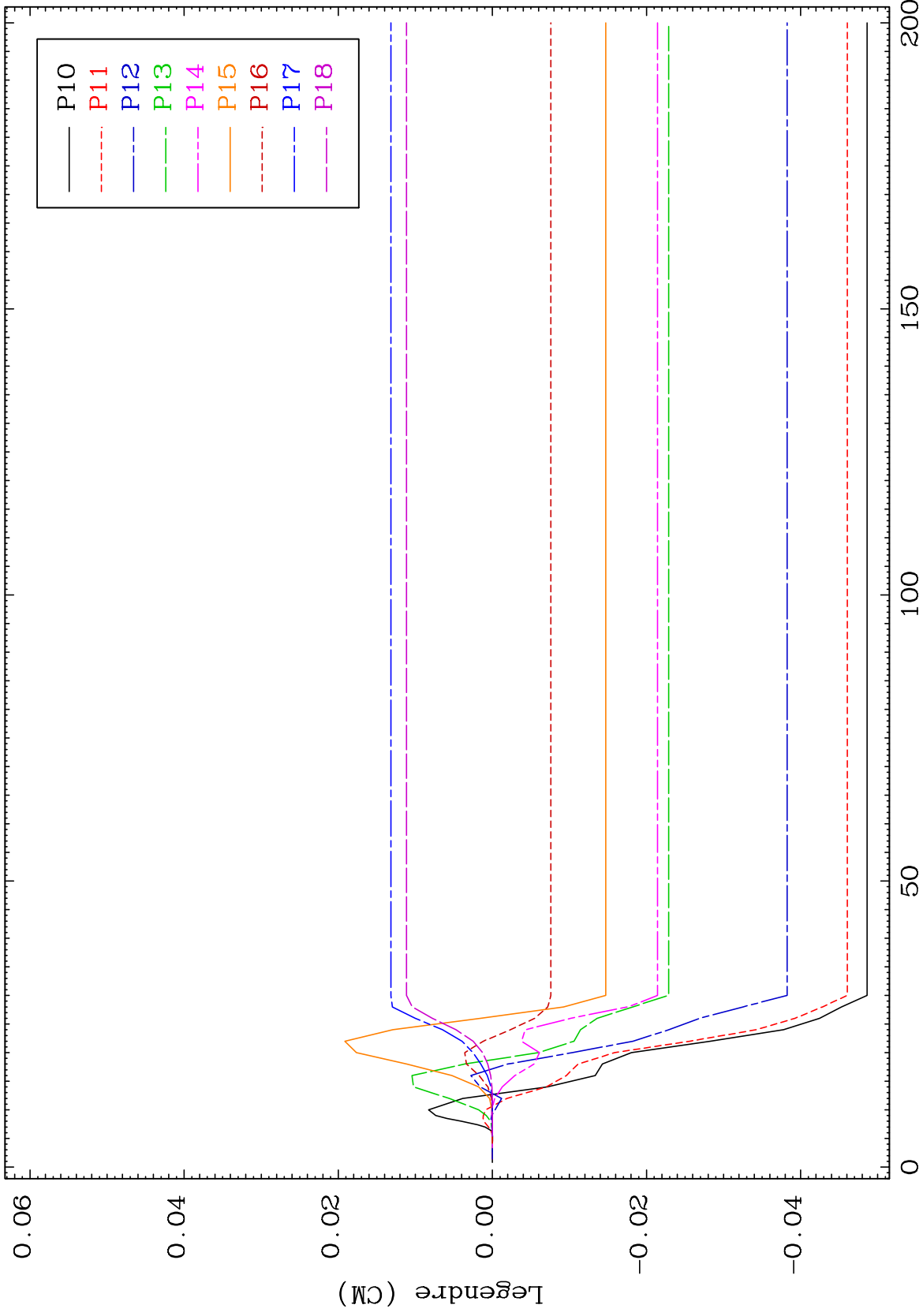
Incident Energy (MeV)

20

MAT 5337

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

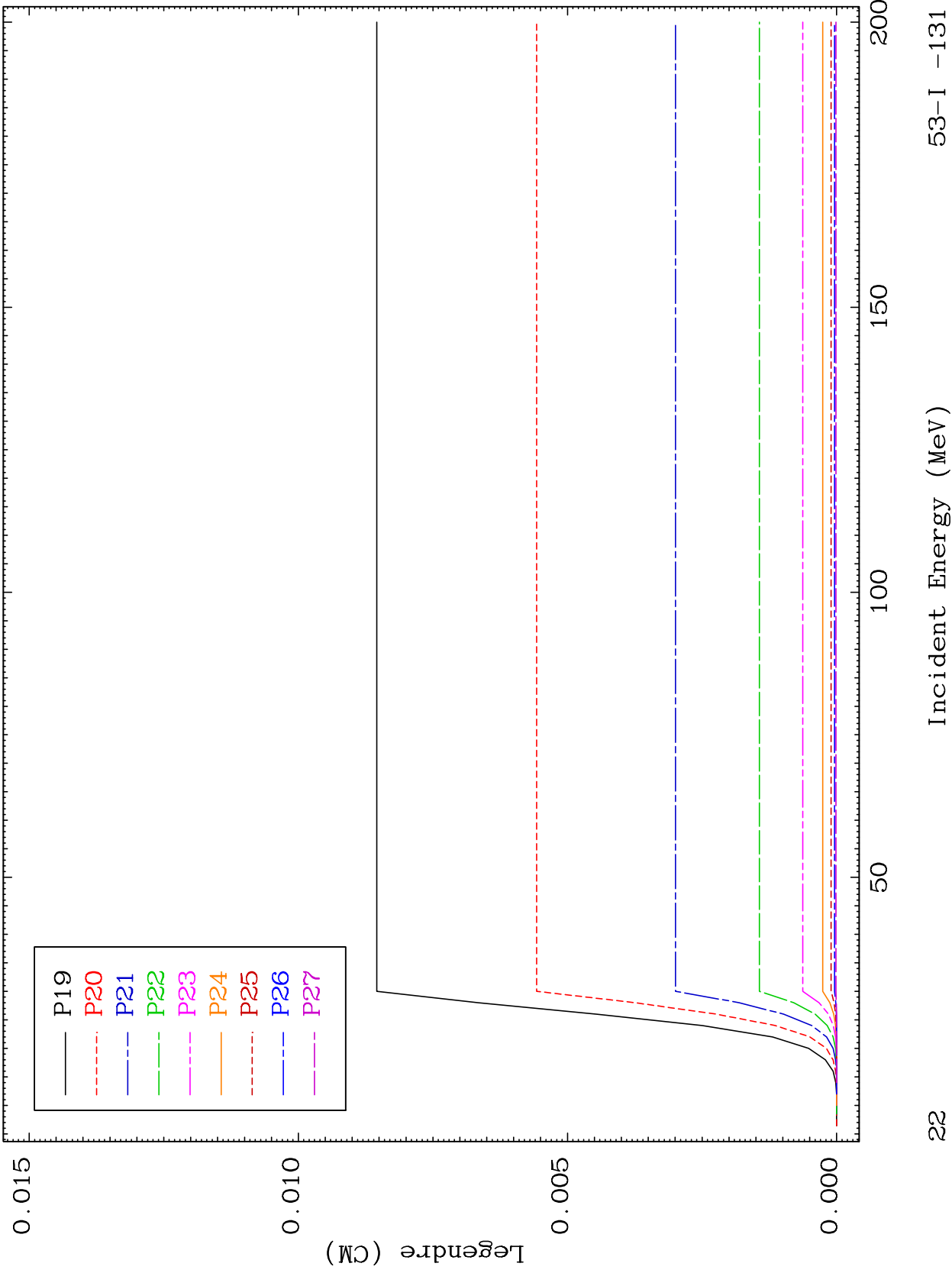
53-I -131



21

Incident Energy (MeV)

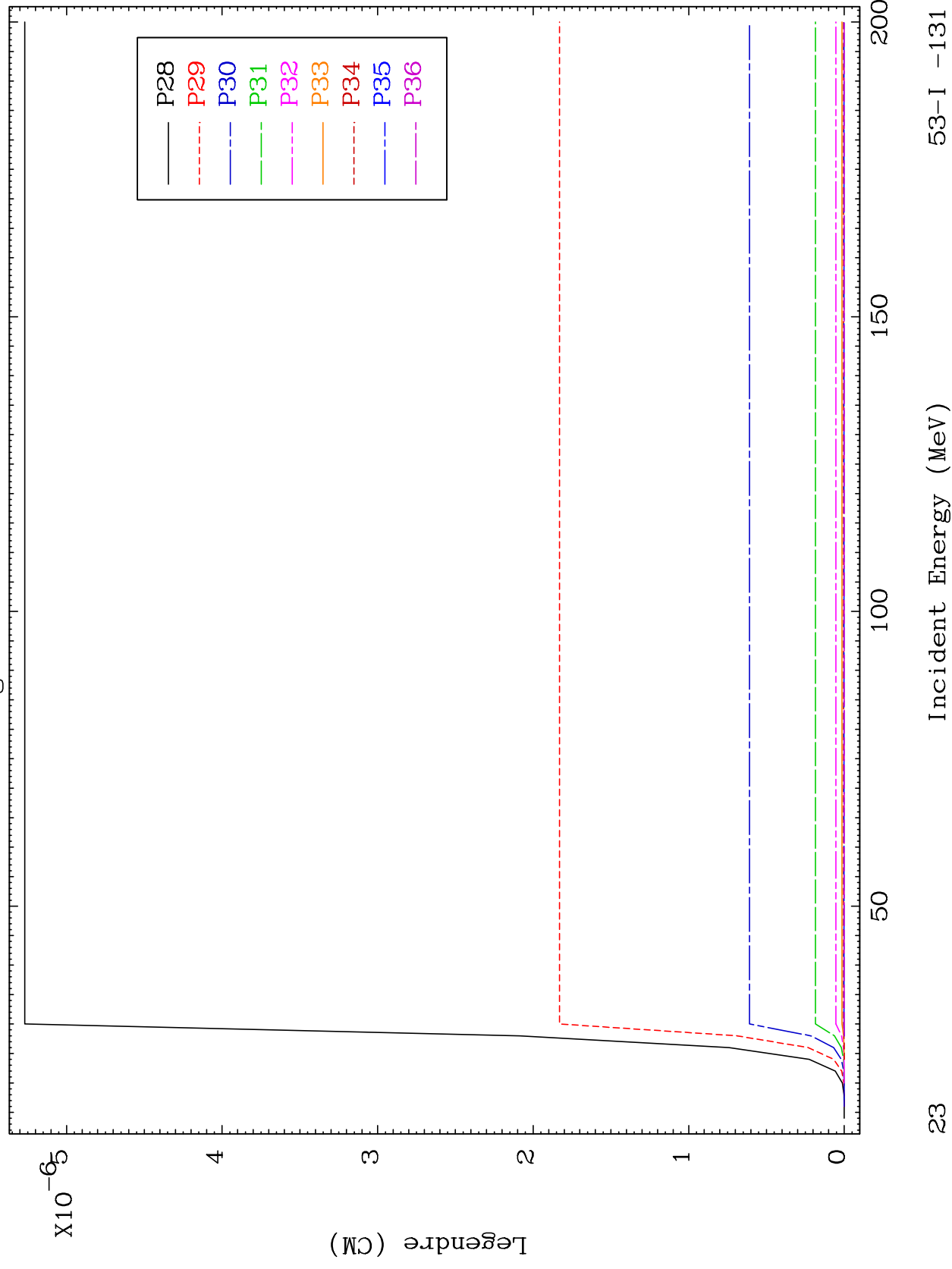
53-I -131



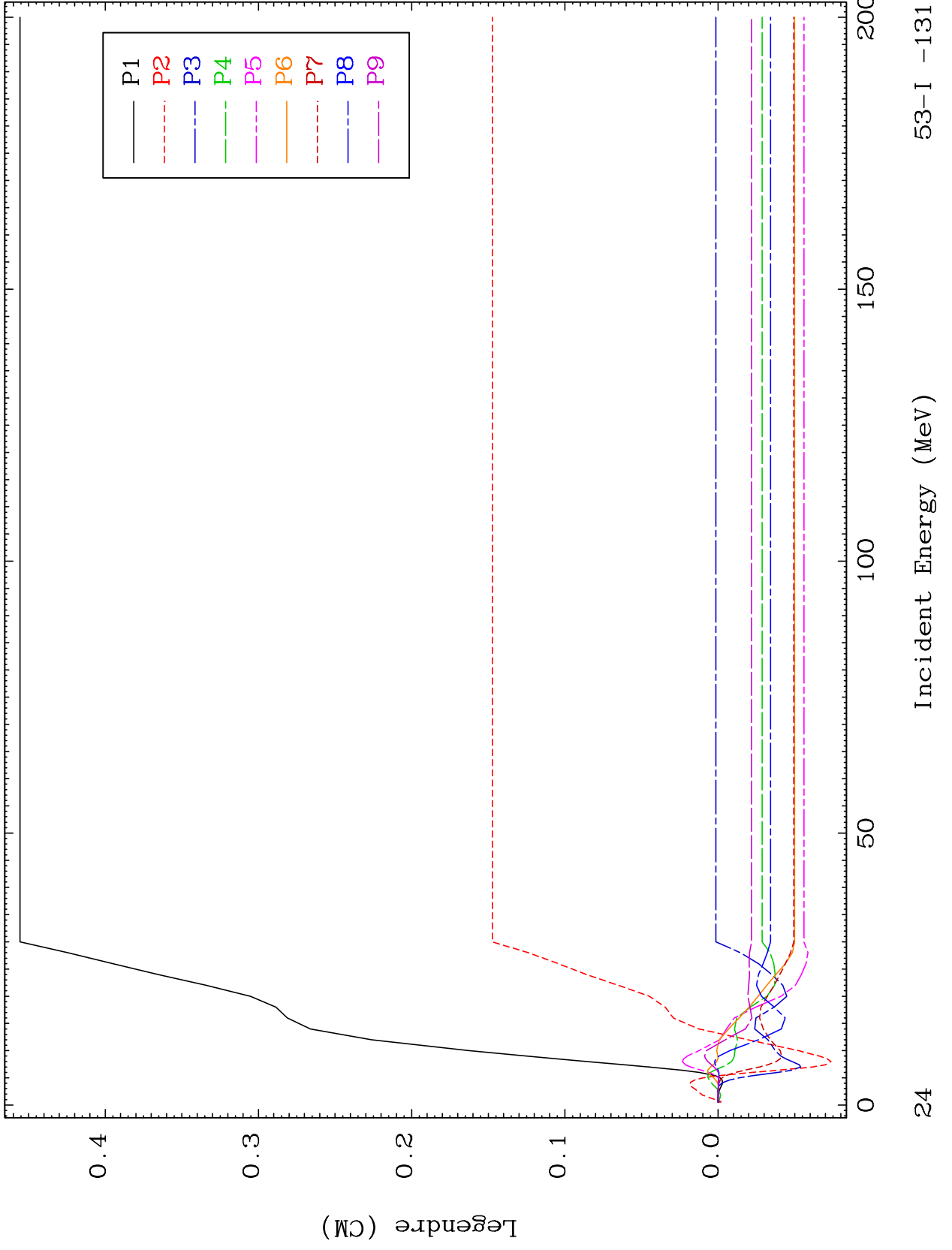
MAT 5337

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

53-I -131



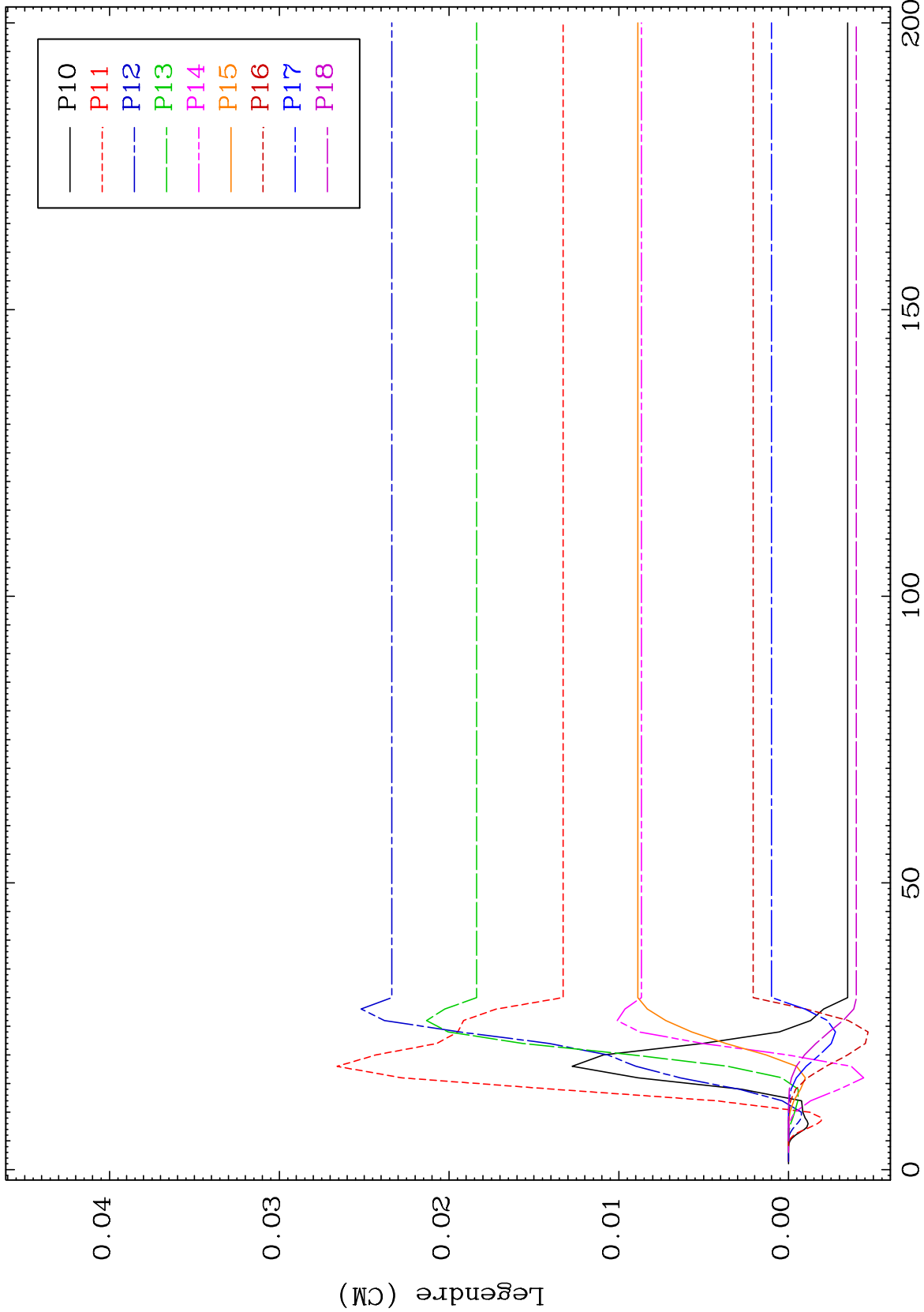




MAT 5337

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

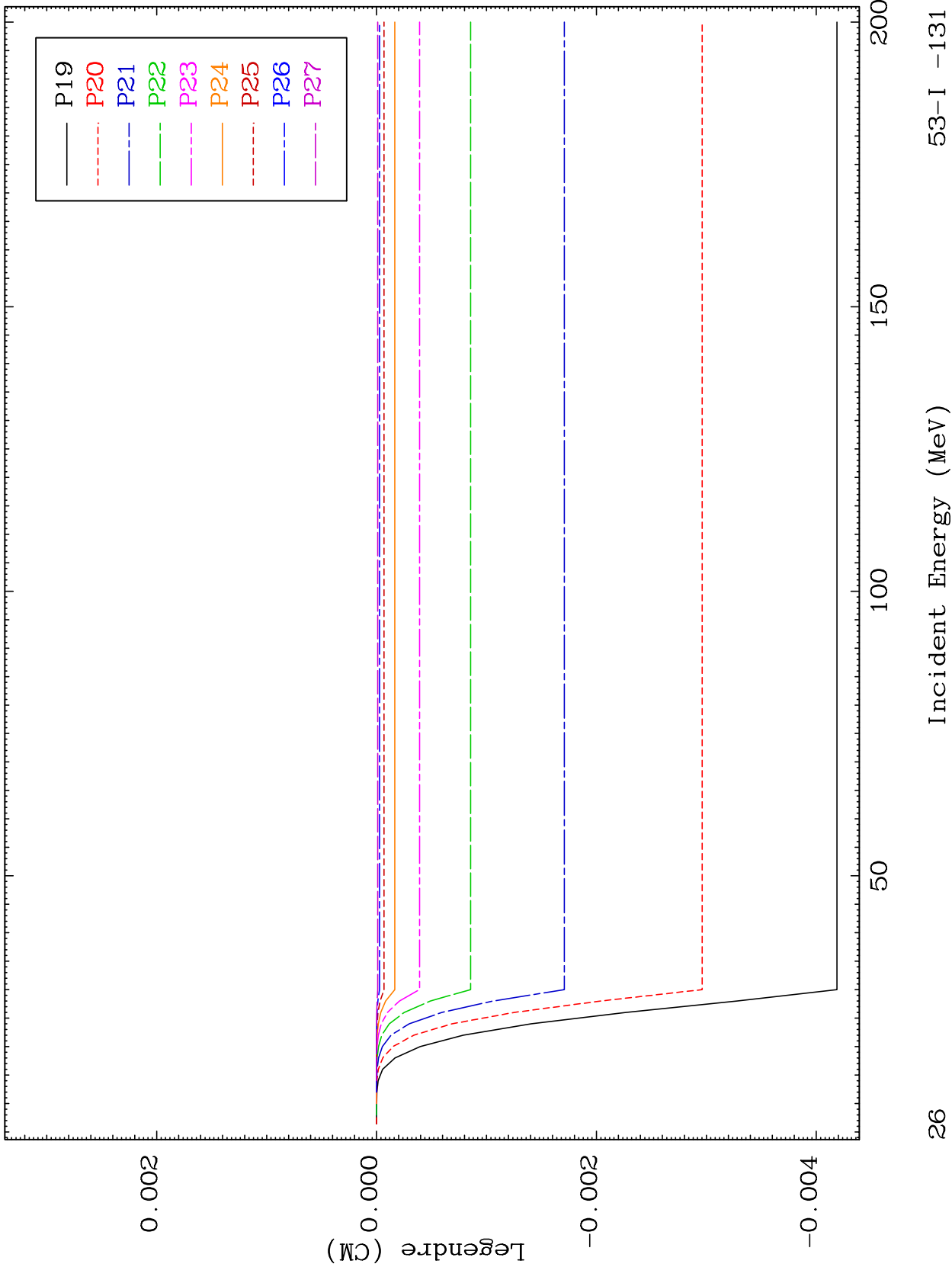
53-I -131



25

Incident Energy (MeV)

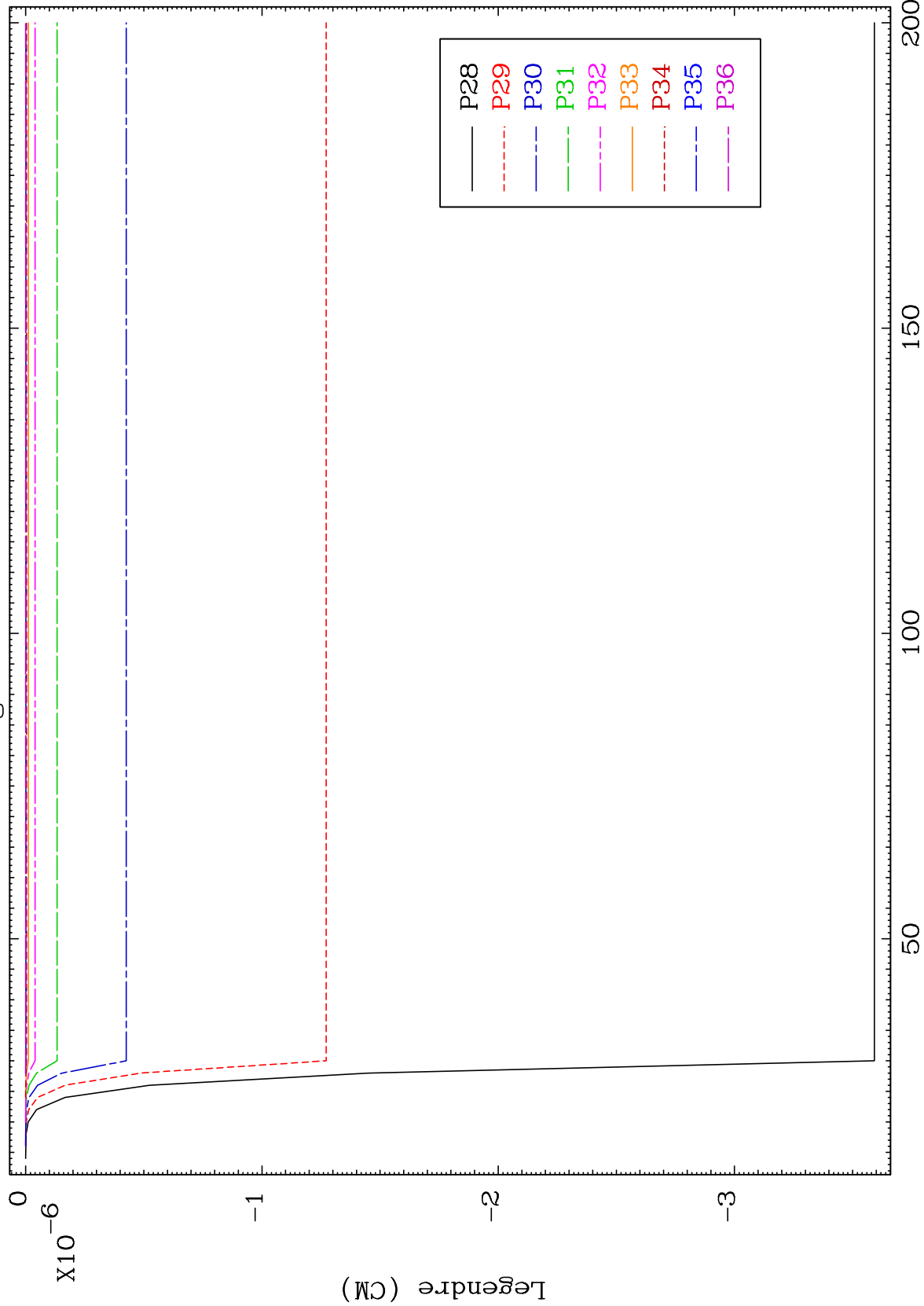
53-I -131



MAT 5337

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

53-I -131



27

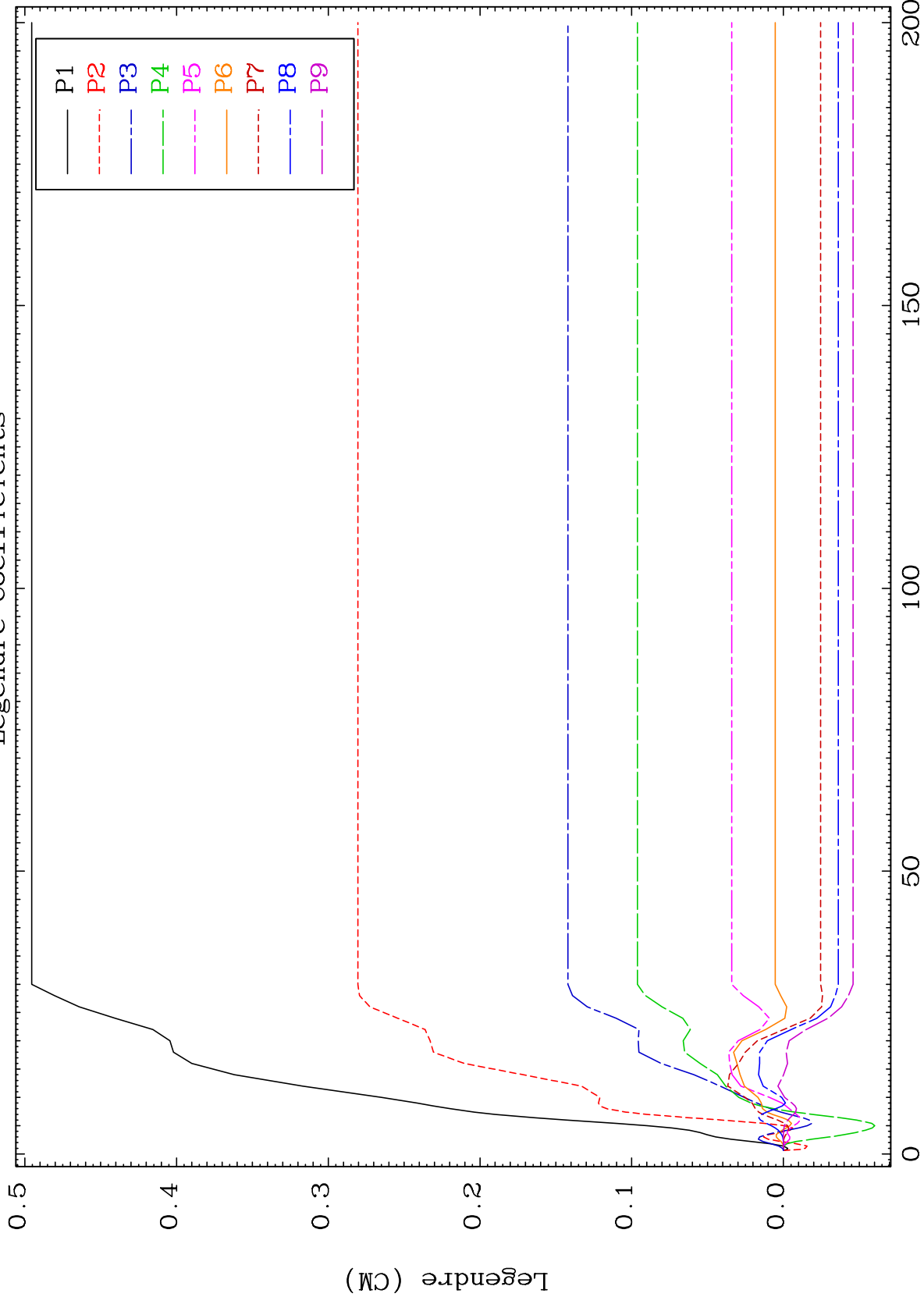
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



28

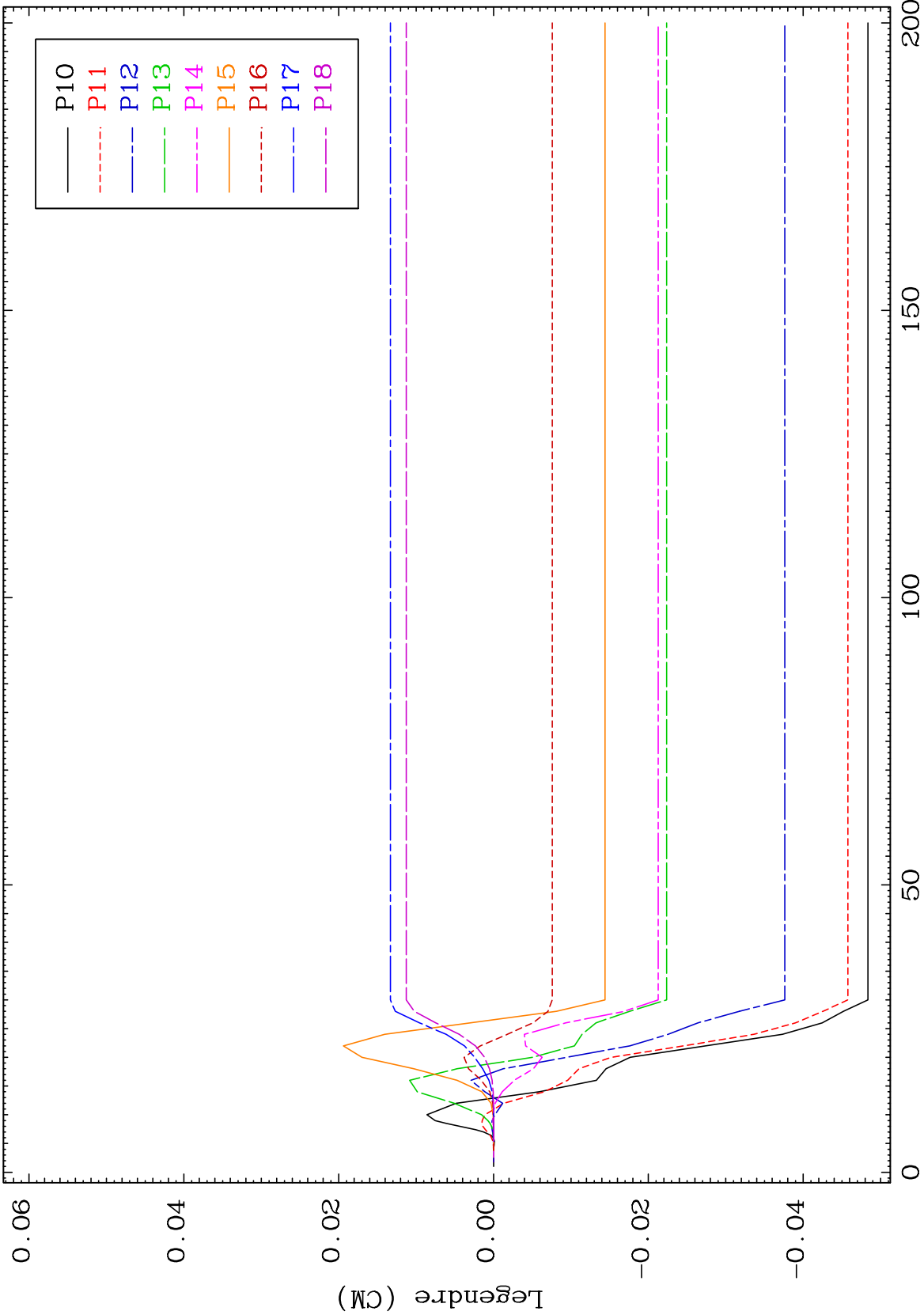
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



29

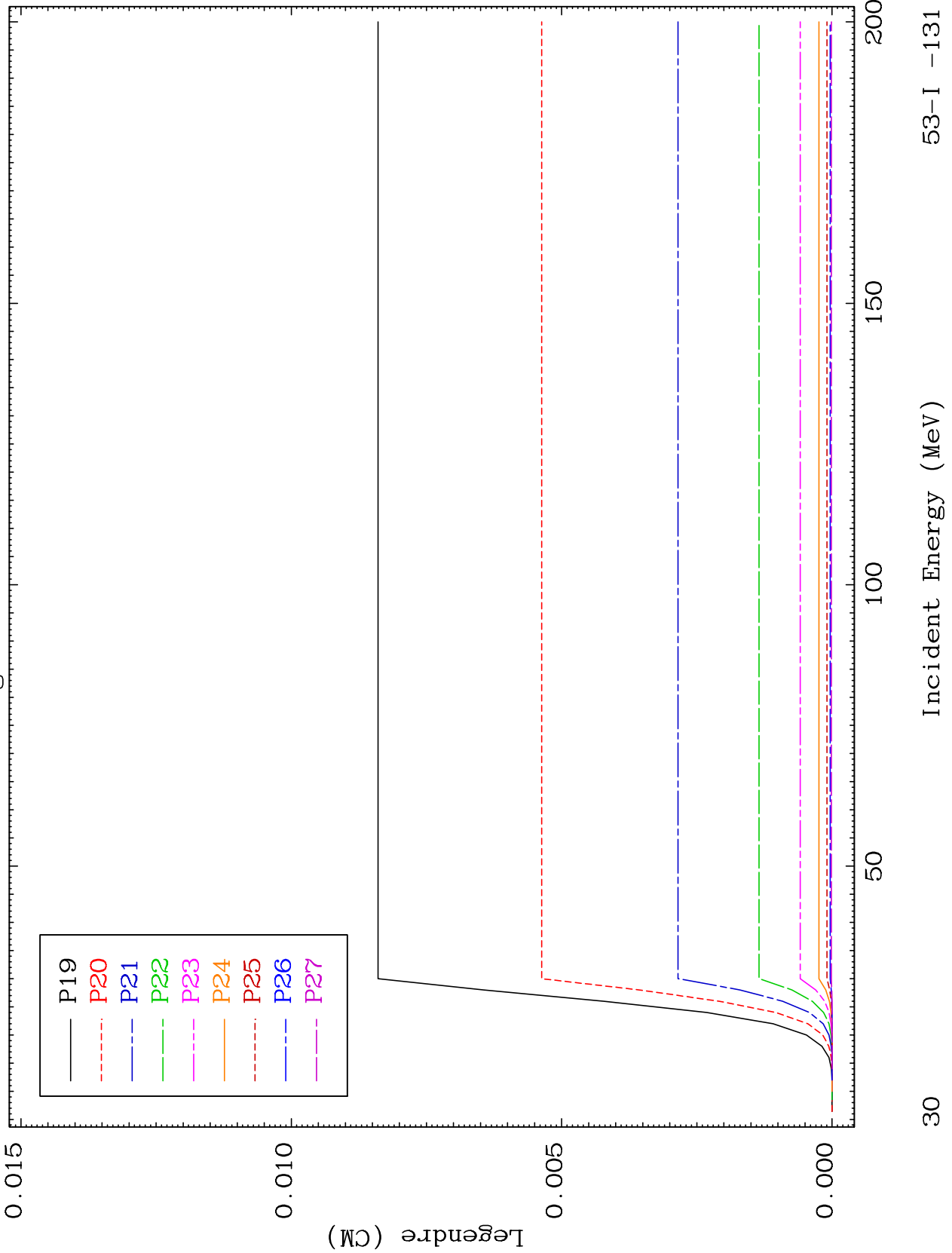
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



30

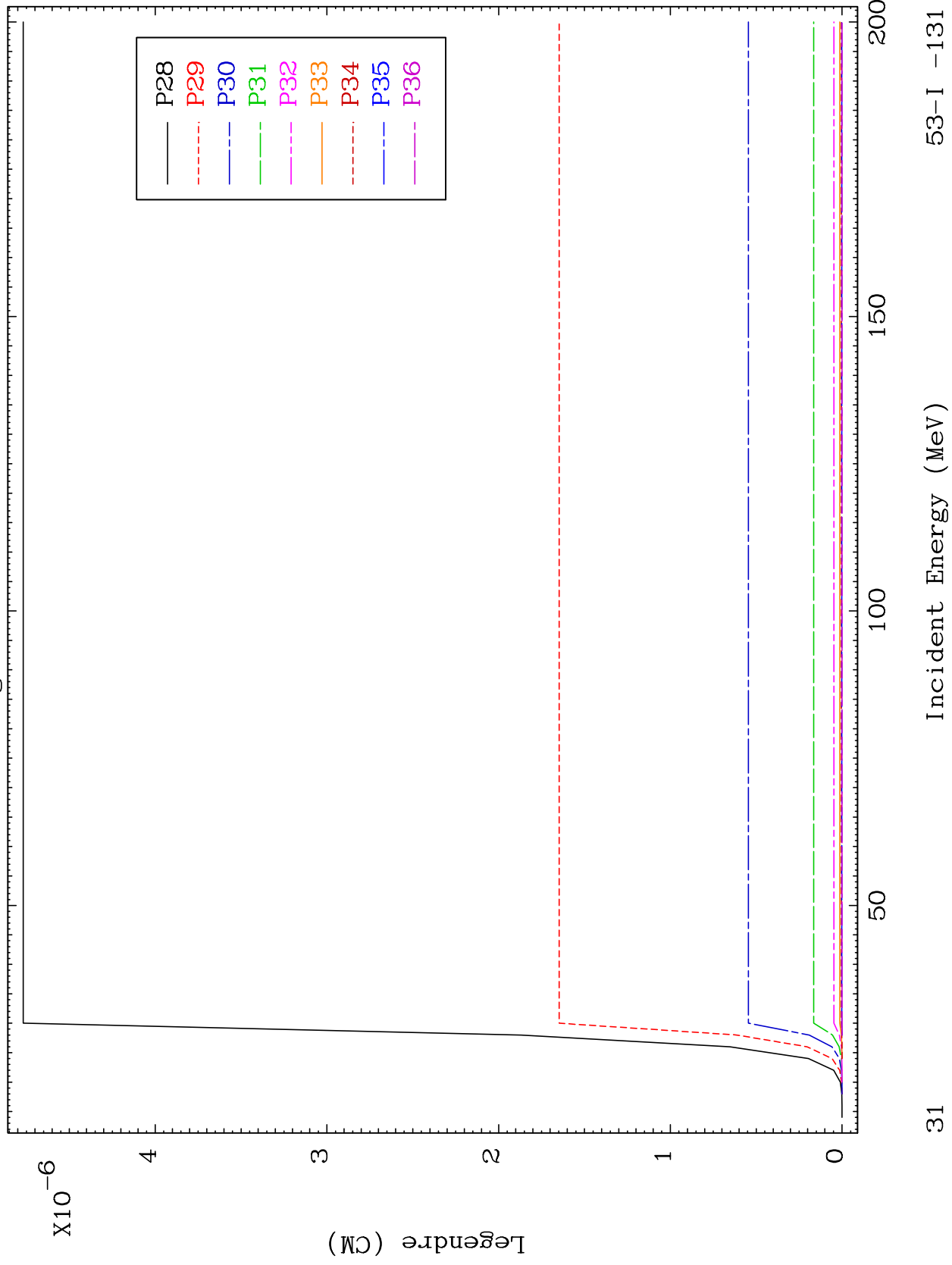
Incident Energy (MeV)

53-I -131

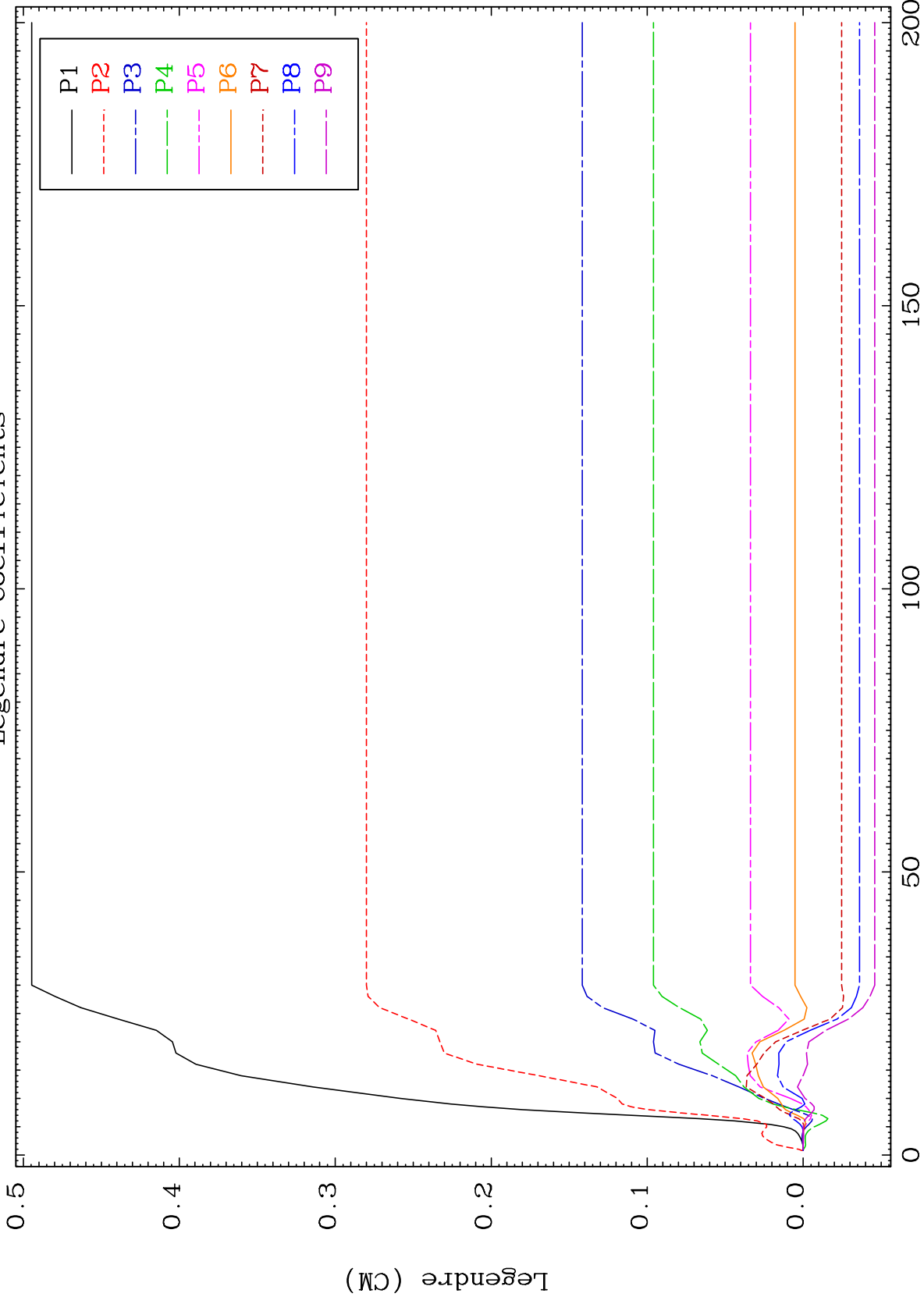
MAT 5337

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

53-I -131



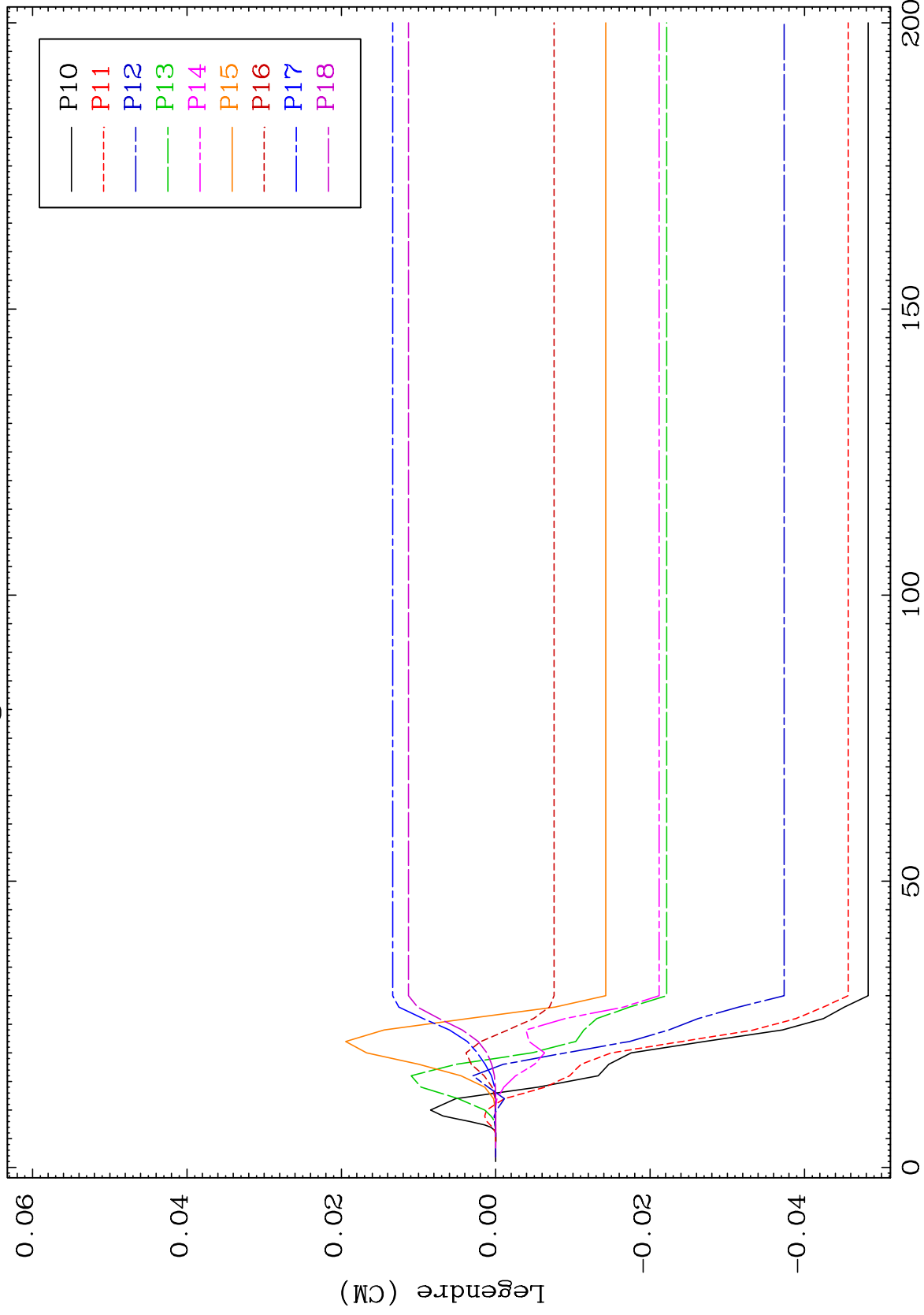




MAT 5337

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

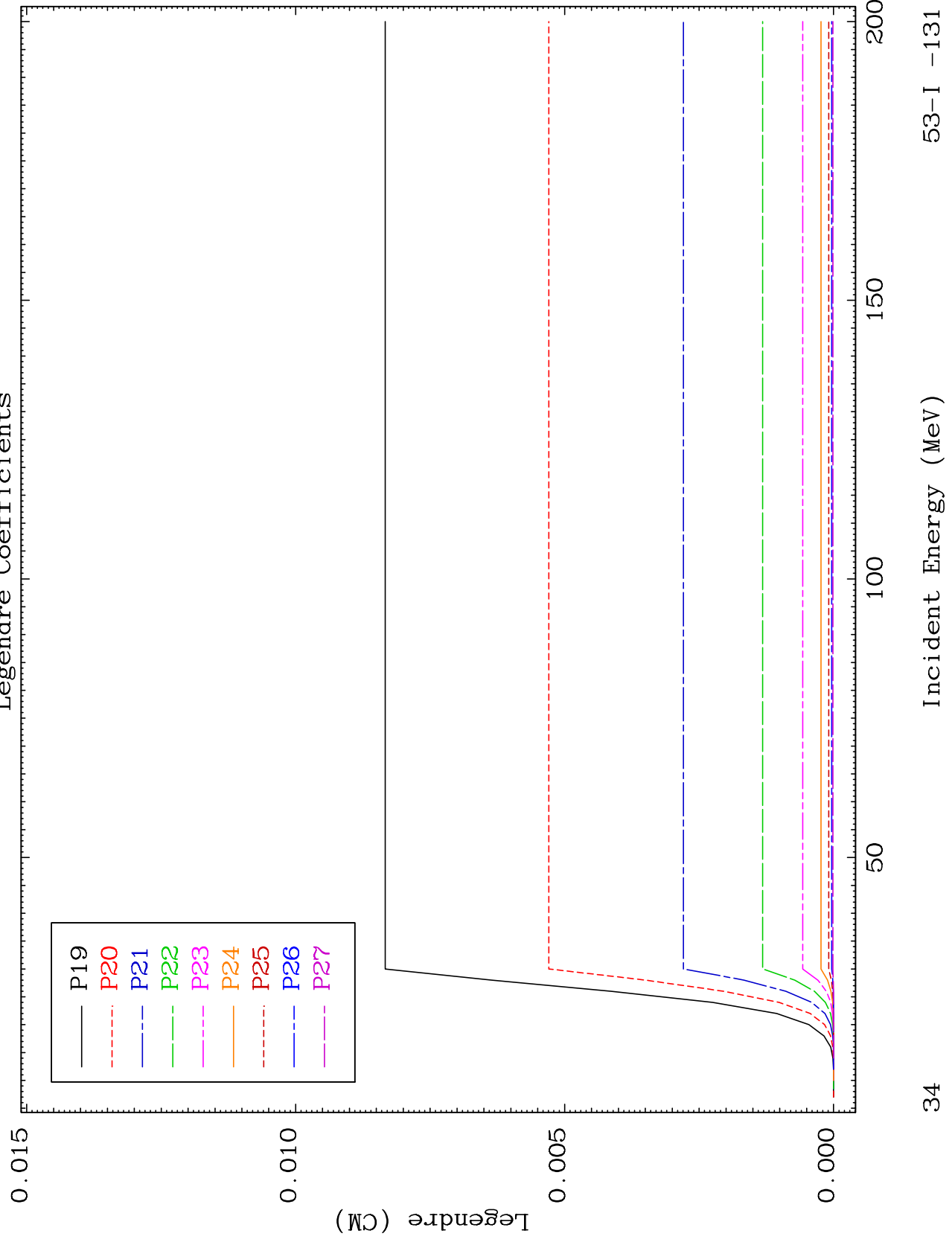
53-I -131



33

Incident Energy (MeV)

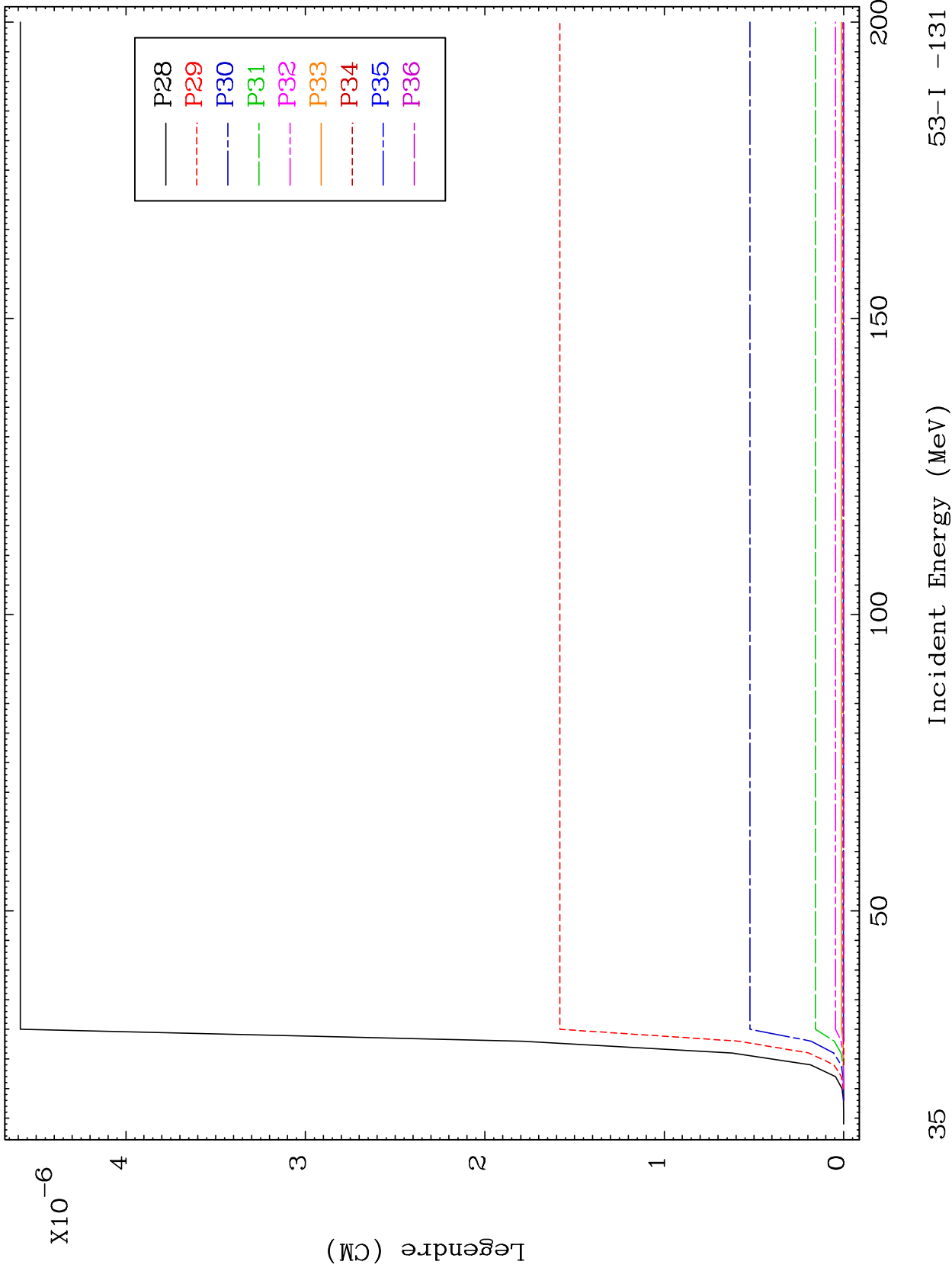
53-I -131



MAT 5337

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

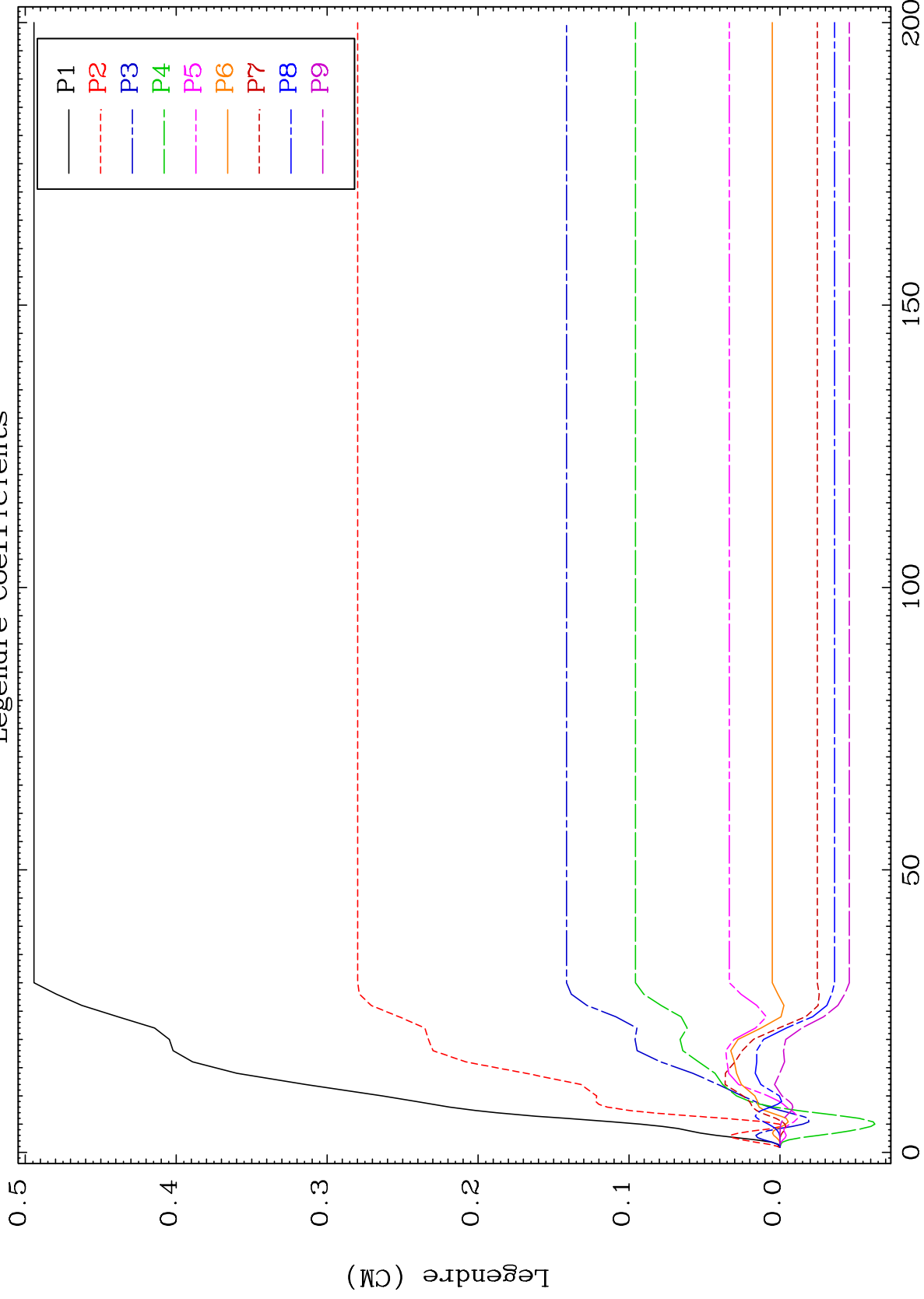
53-I -131



MAT 5337

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

53-I -131



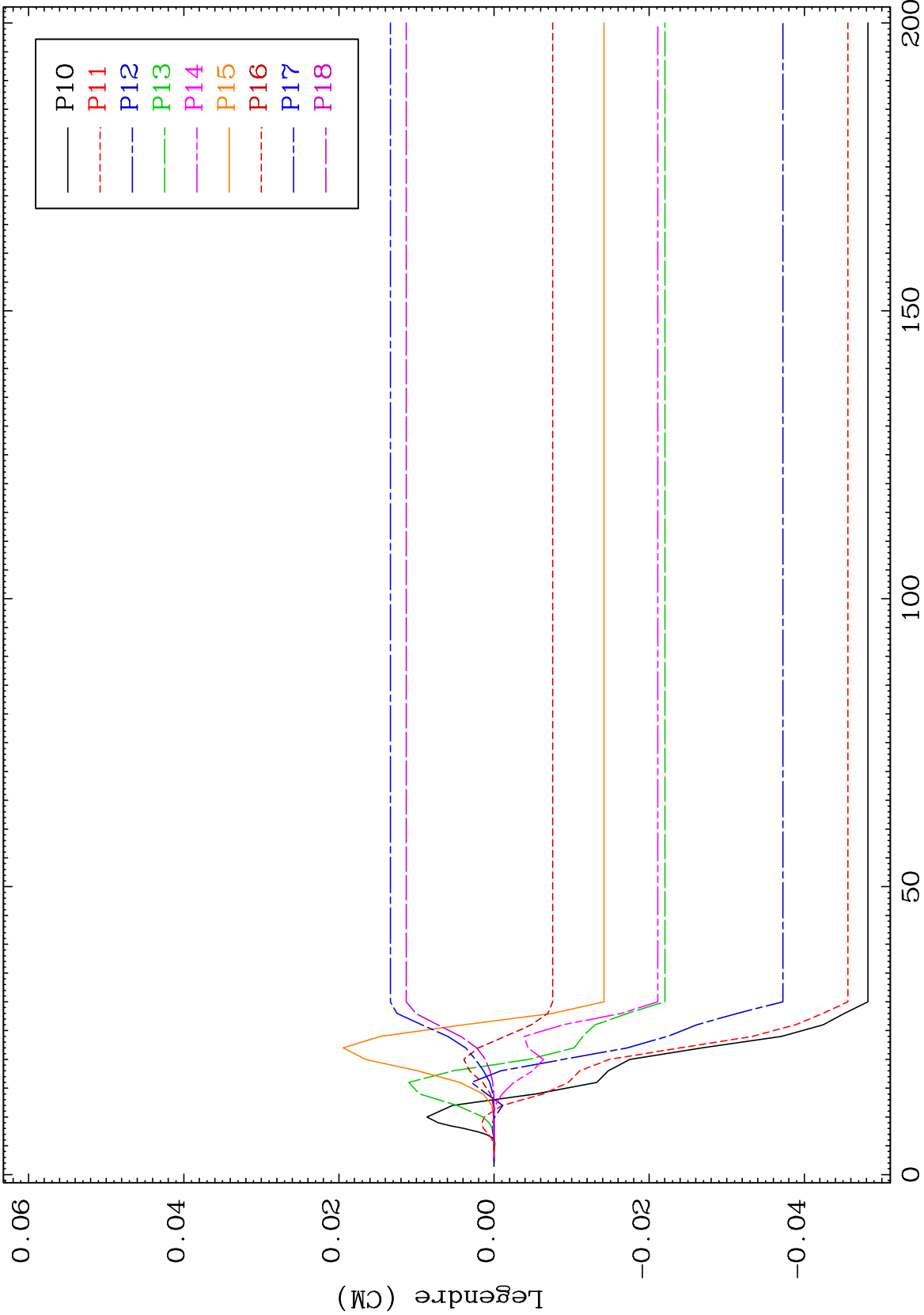
36

53-I -131

MAT 5337

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

53-I -131



37

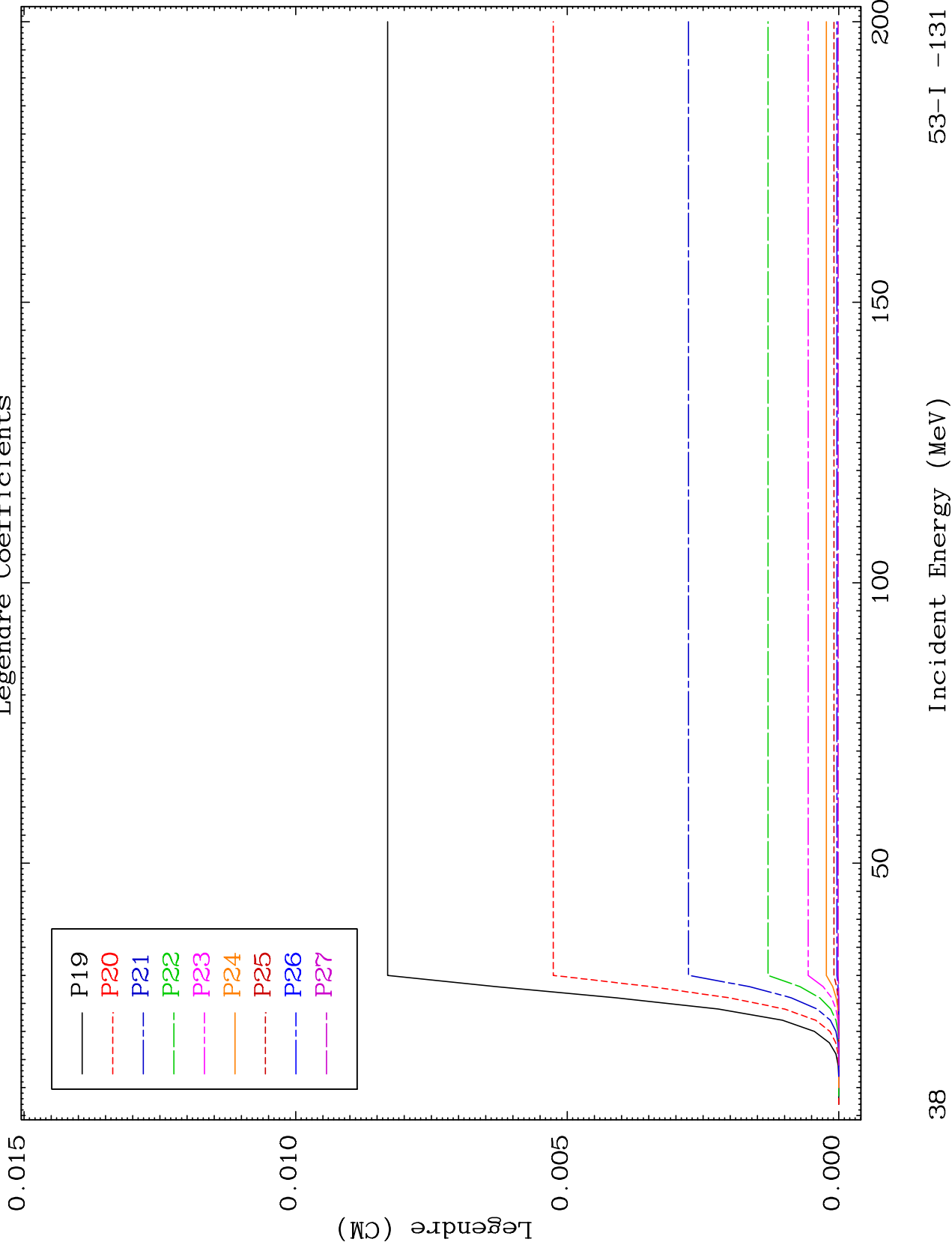
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



38

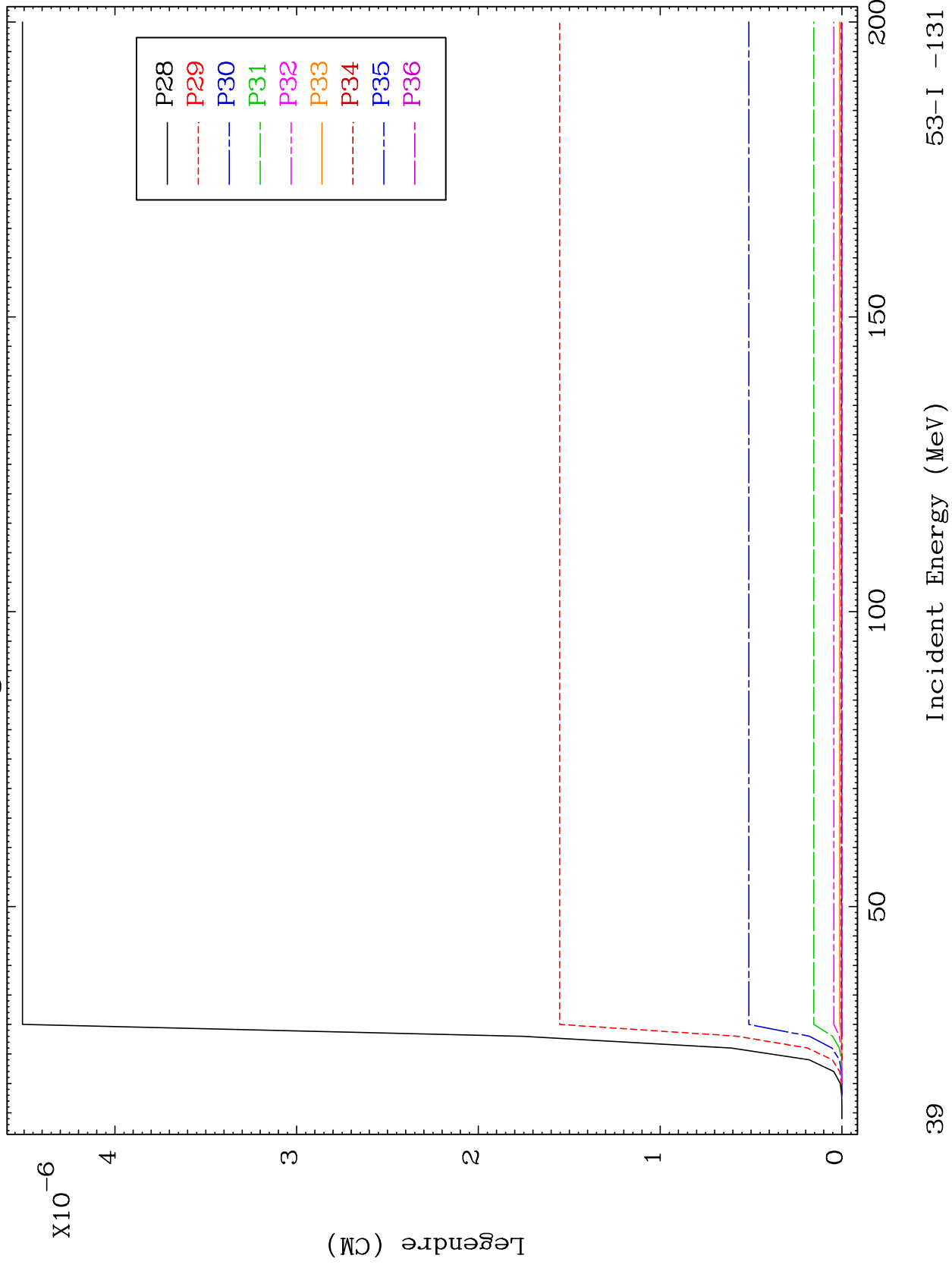
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131

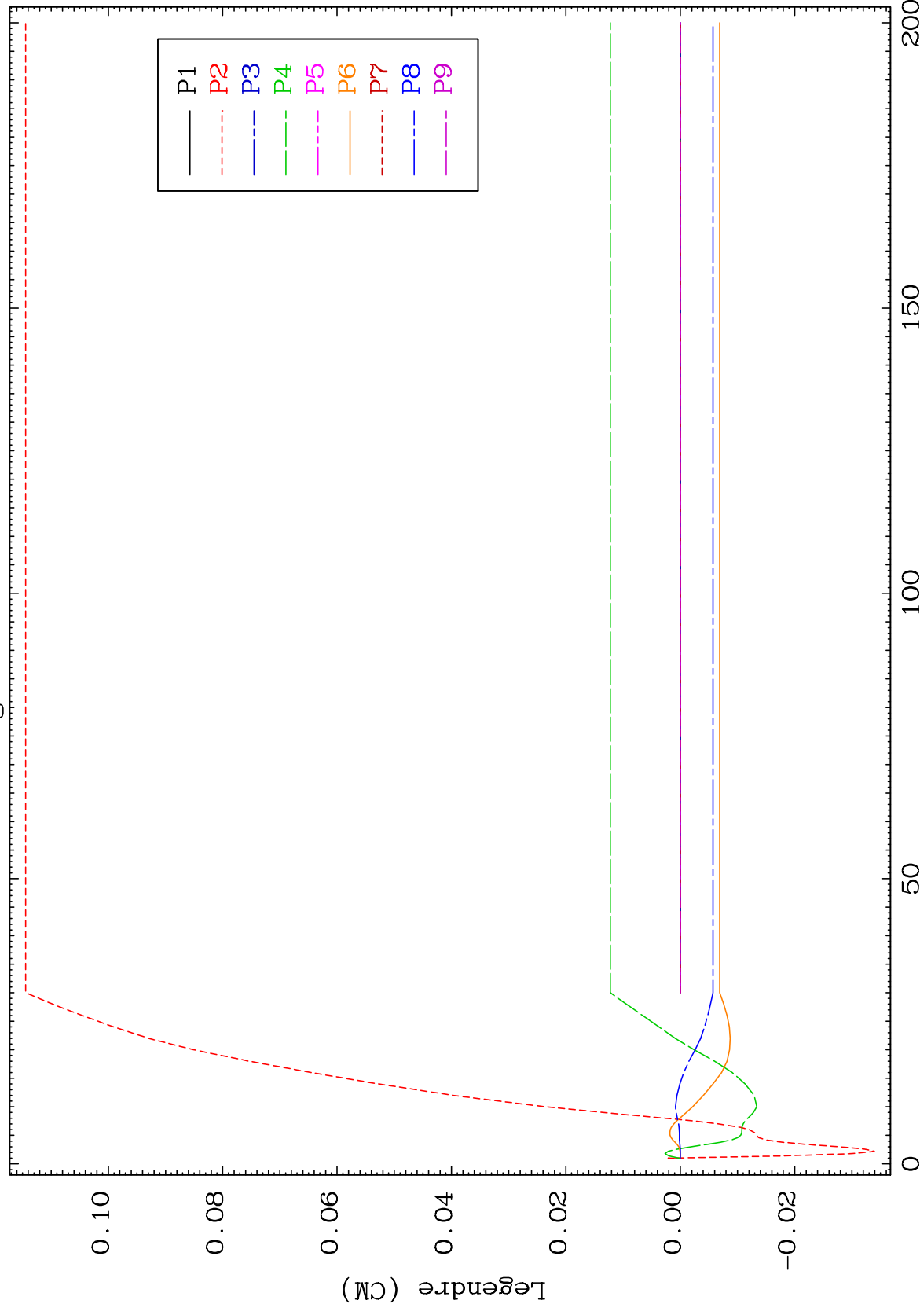




MAT 5337

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

53-I -131



53-I -131

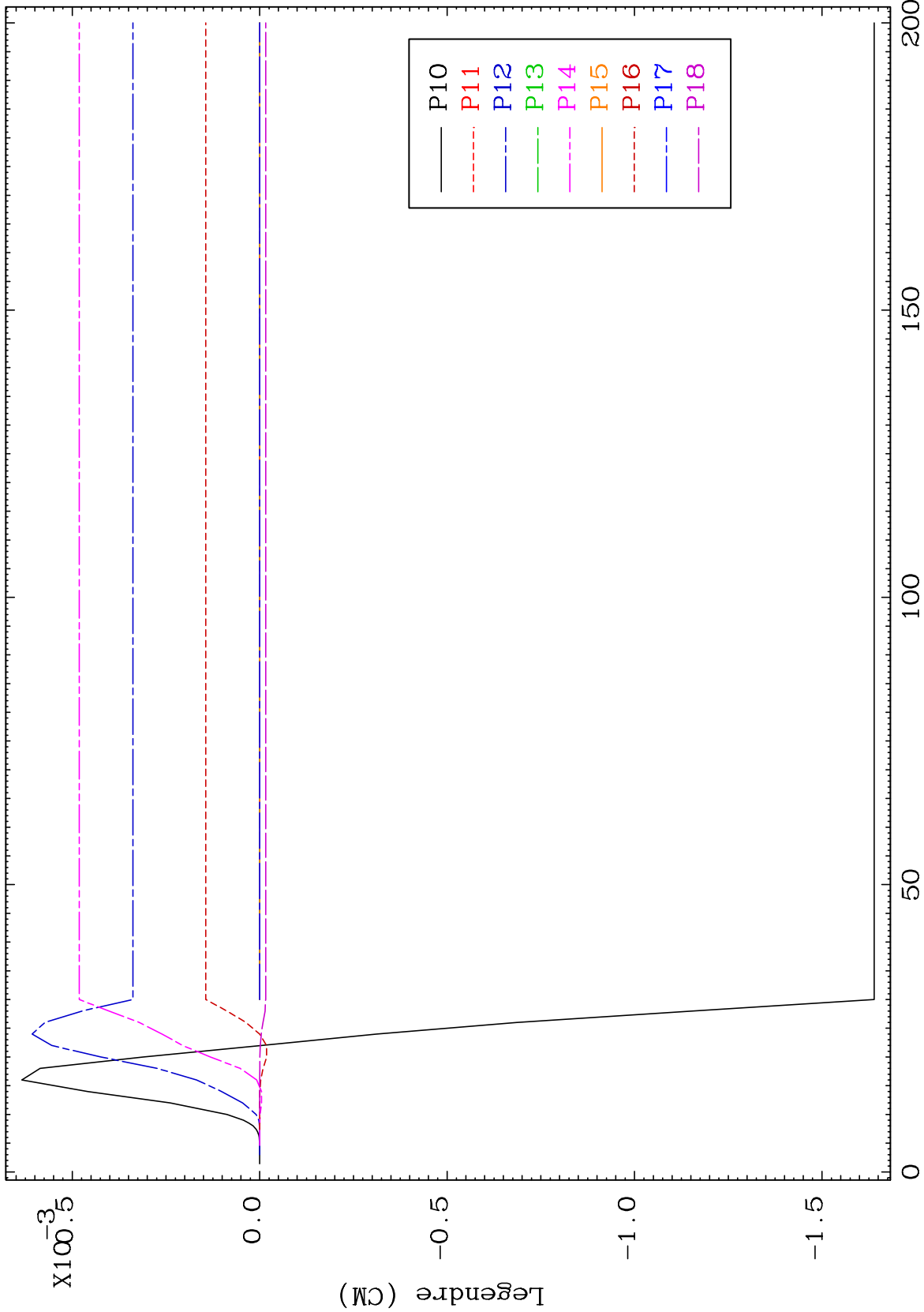
Incident Energy (MeV)

40

MAT 5337

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

53-I -131



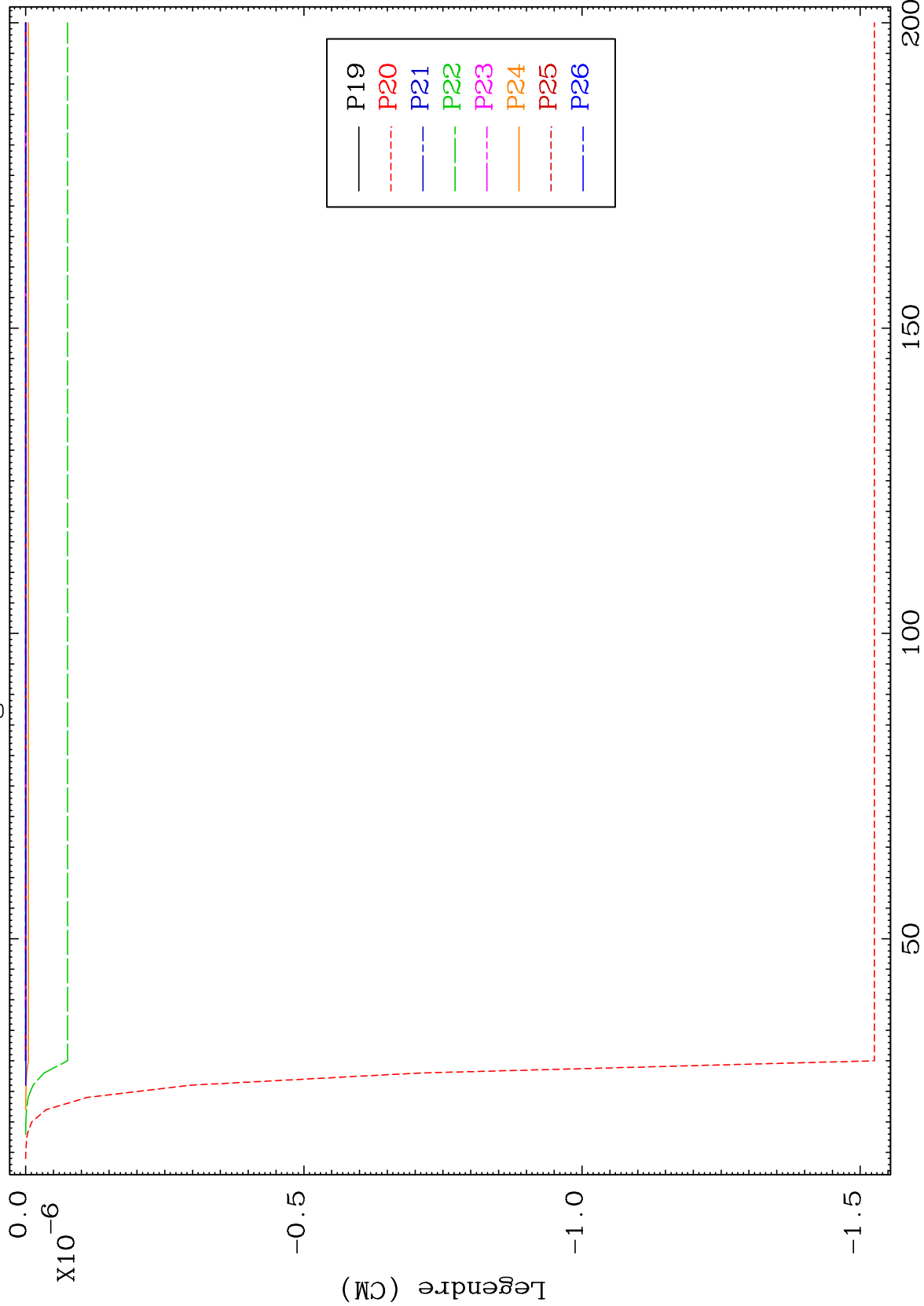
41

53-I -131

MAT 5337

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

53-I -131



42

Incident Energy (MeV)

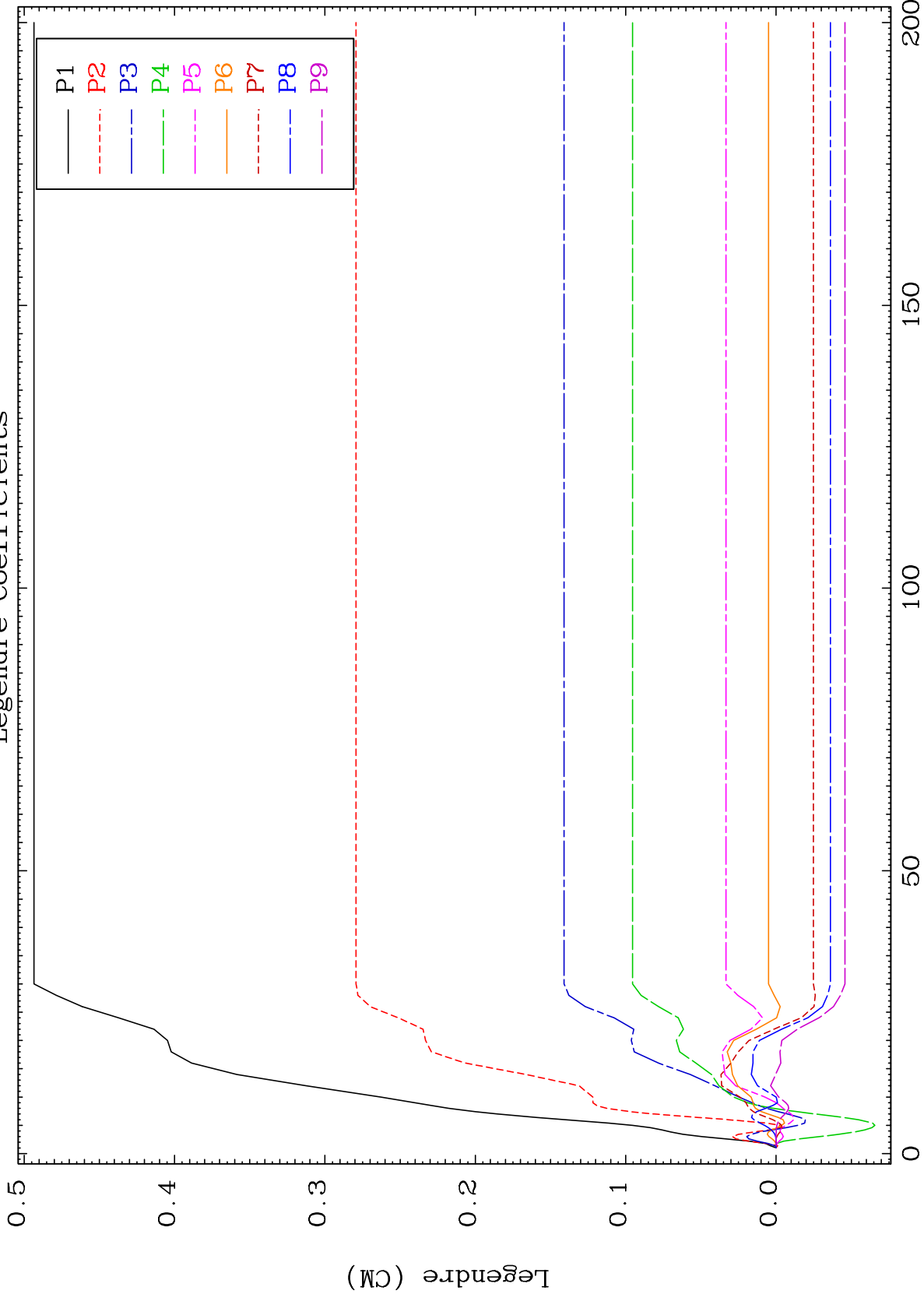
53-I -131

MAT 5337

MT= 57 (n,n') Level

53-I -131

Legendre Coefficients



43

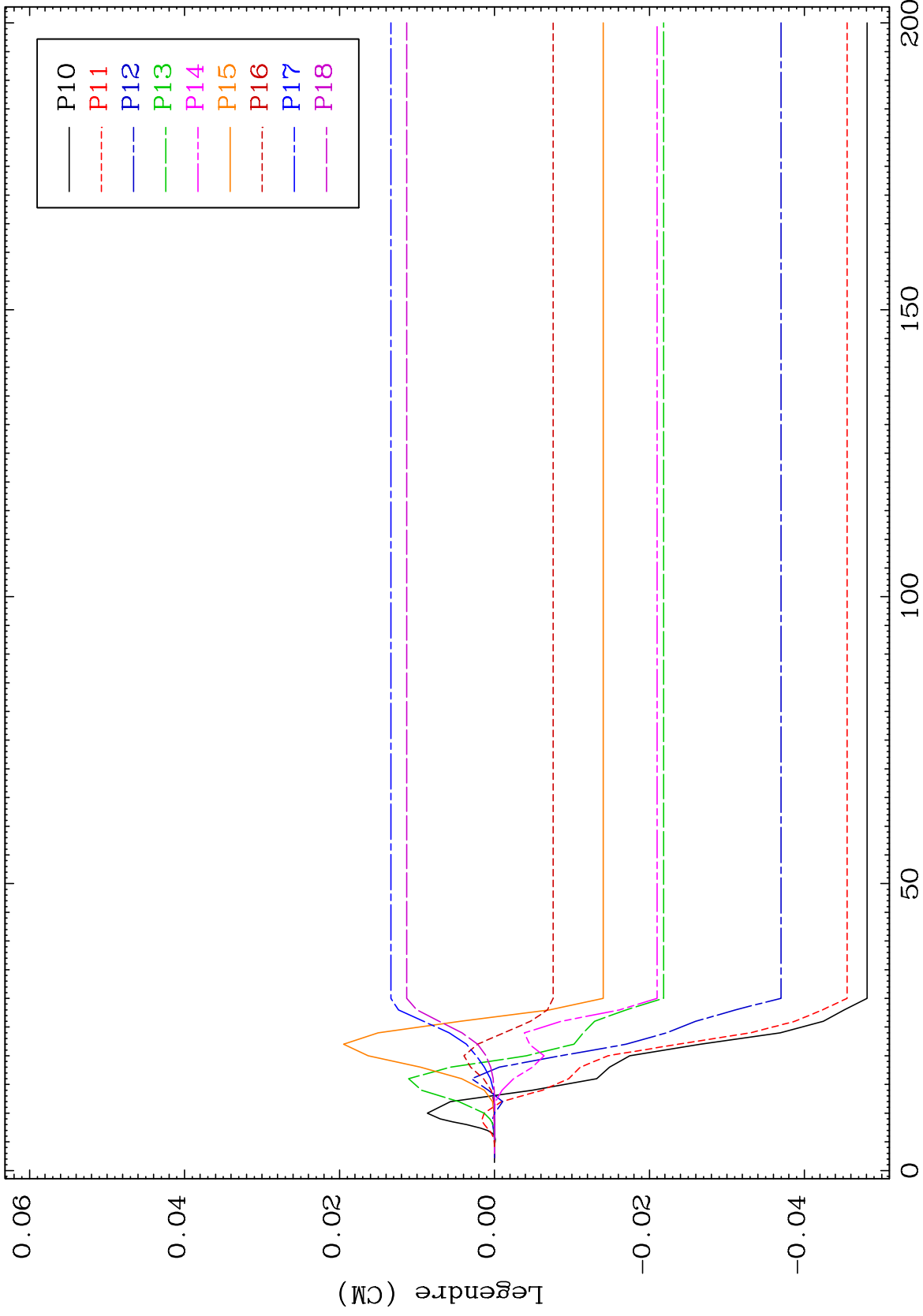
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



44

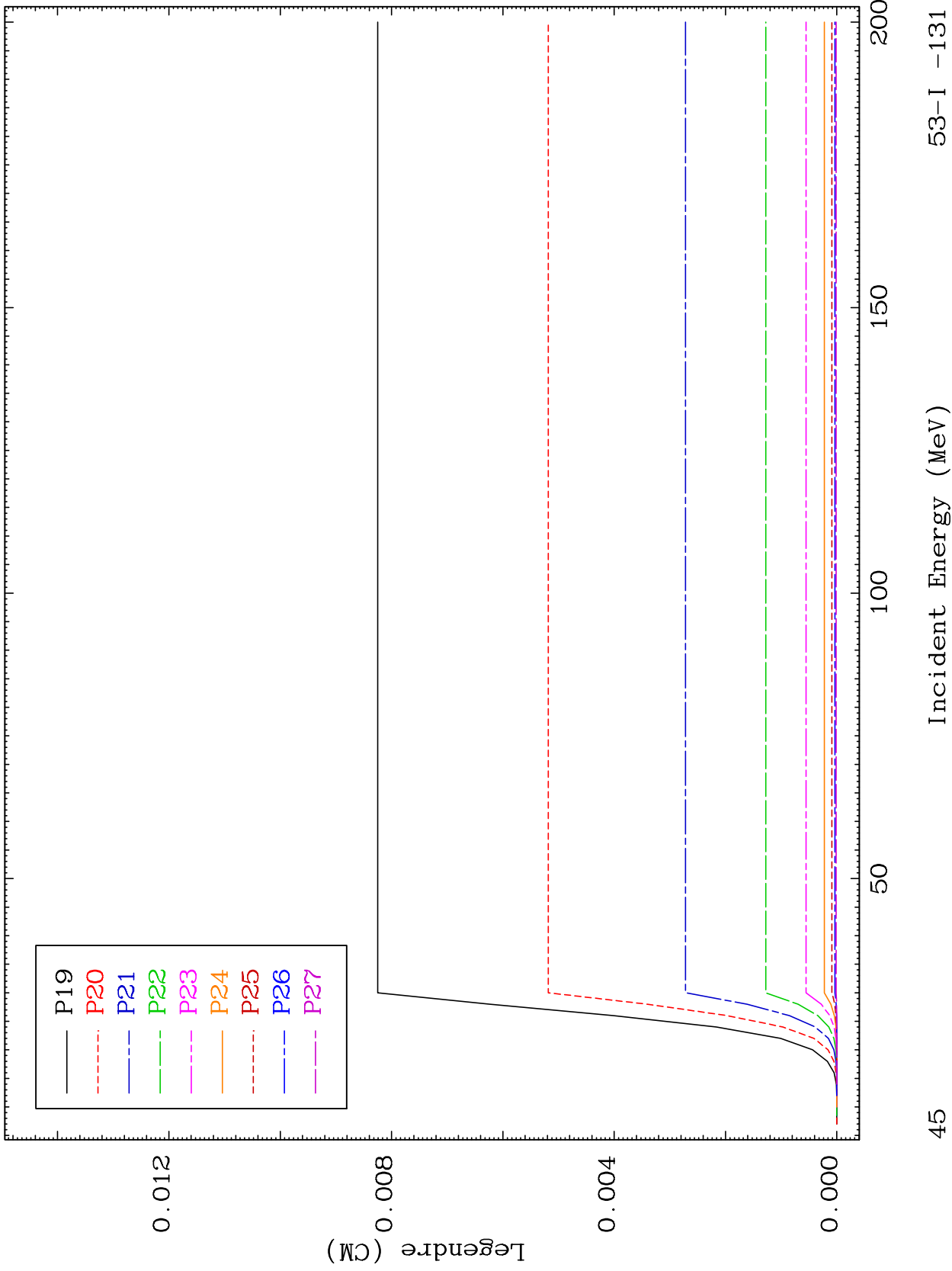
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



53-I -131

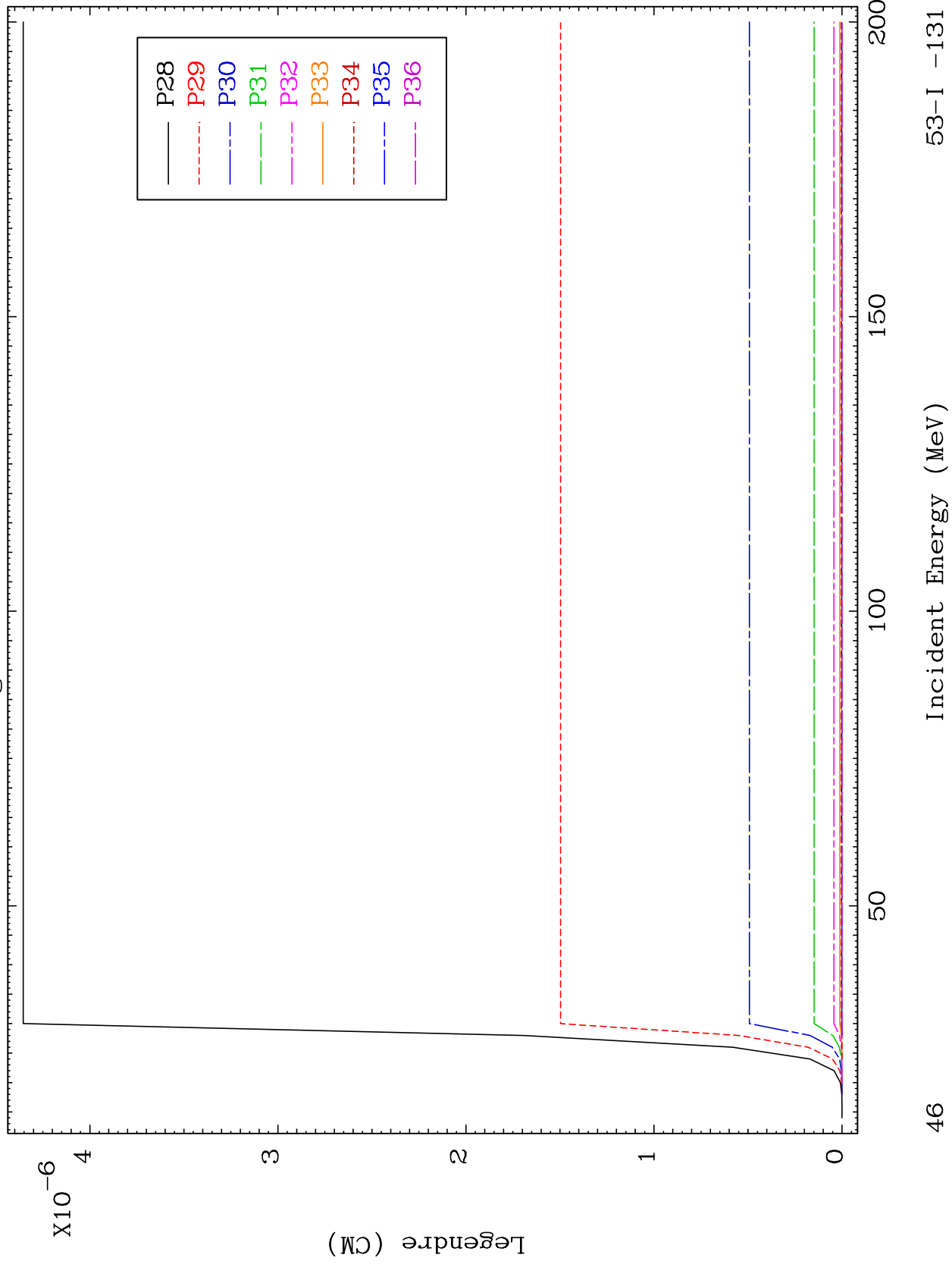
Incident Energy (MeV)

45

MAT 5337

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

53-I -131



46

Incident Energy (MeV)

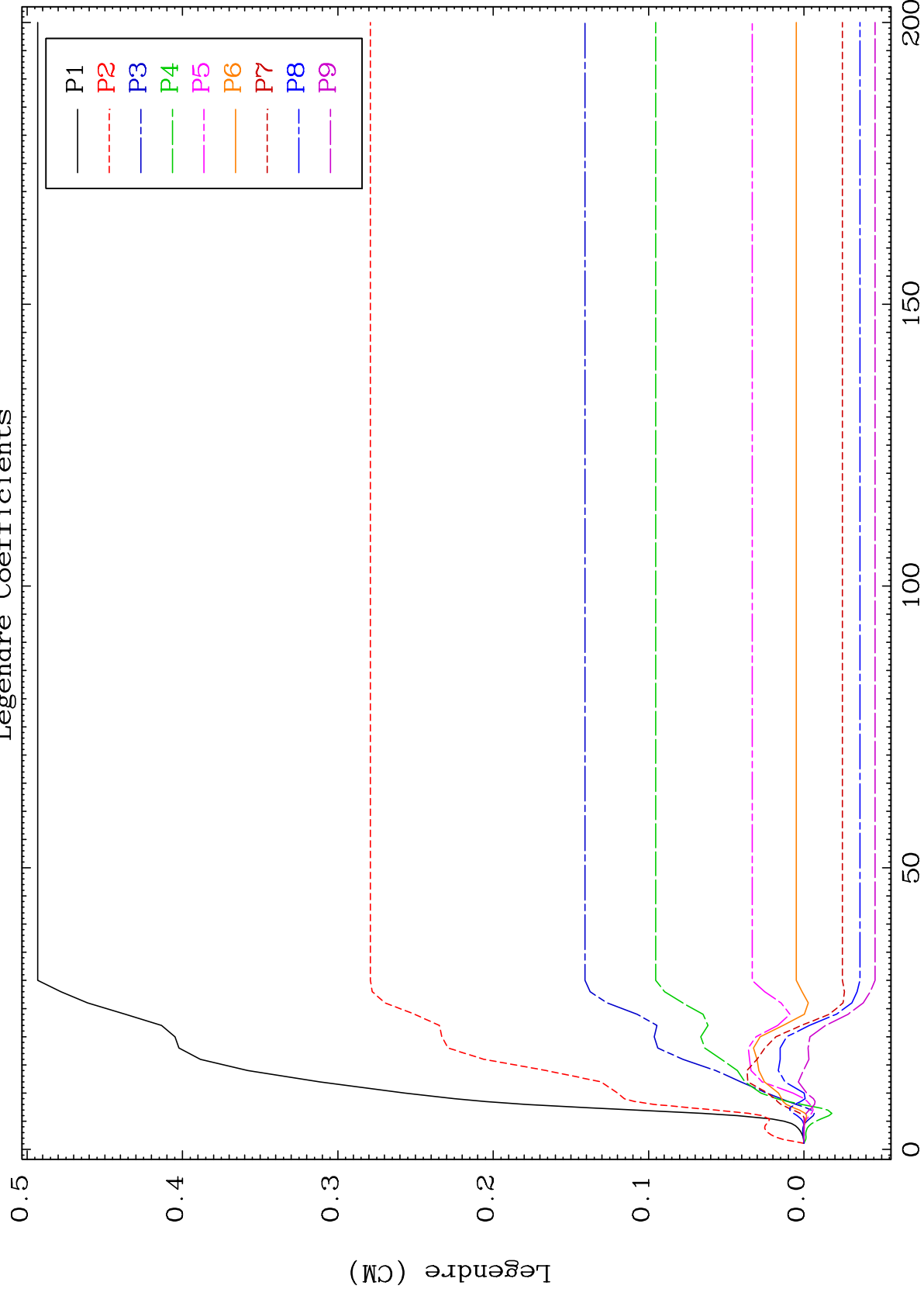
53-I -131

MAT 5337

MT= 58 (n,n') Level

53-I -131

Legendre Coefficients



47

Incident Energy (MeV)

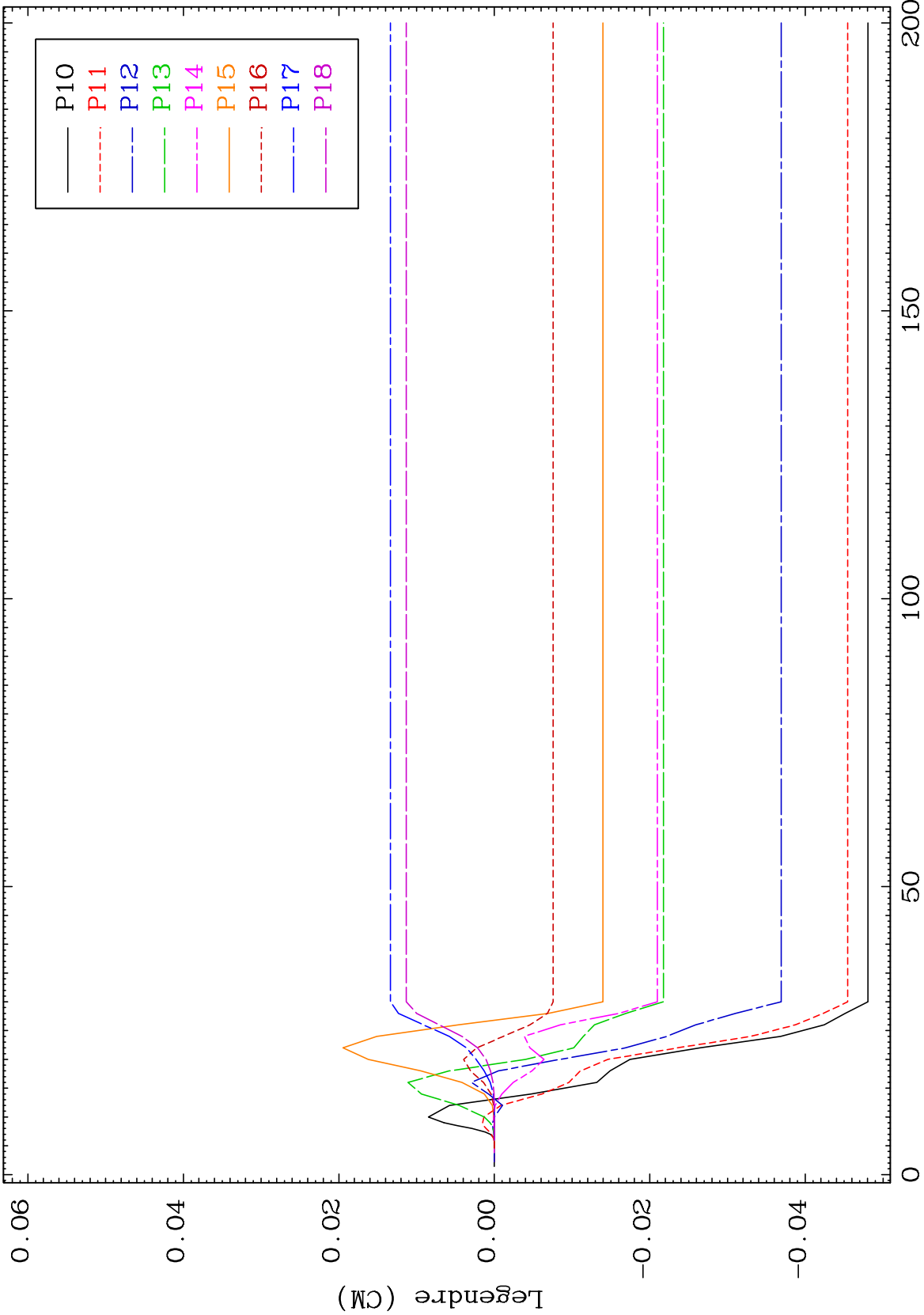
53-I -131



MAT 5337

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

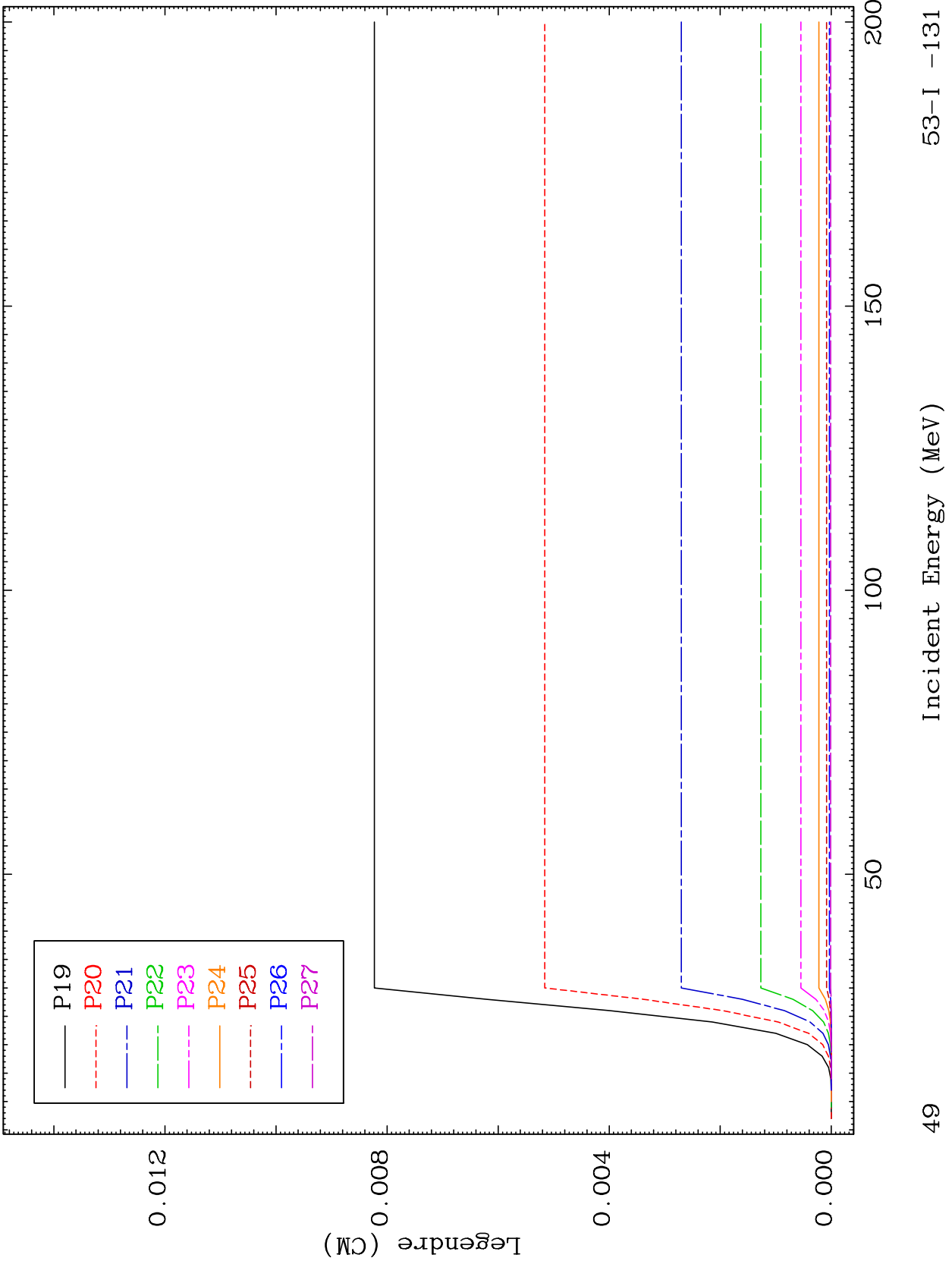
53-I -131



48

Incident Energy (MeV)

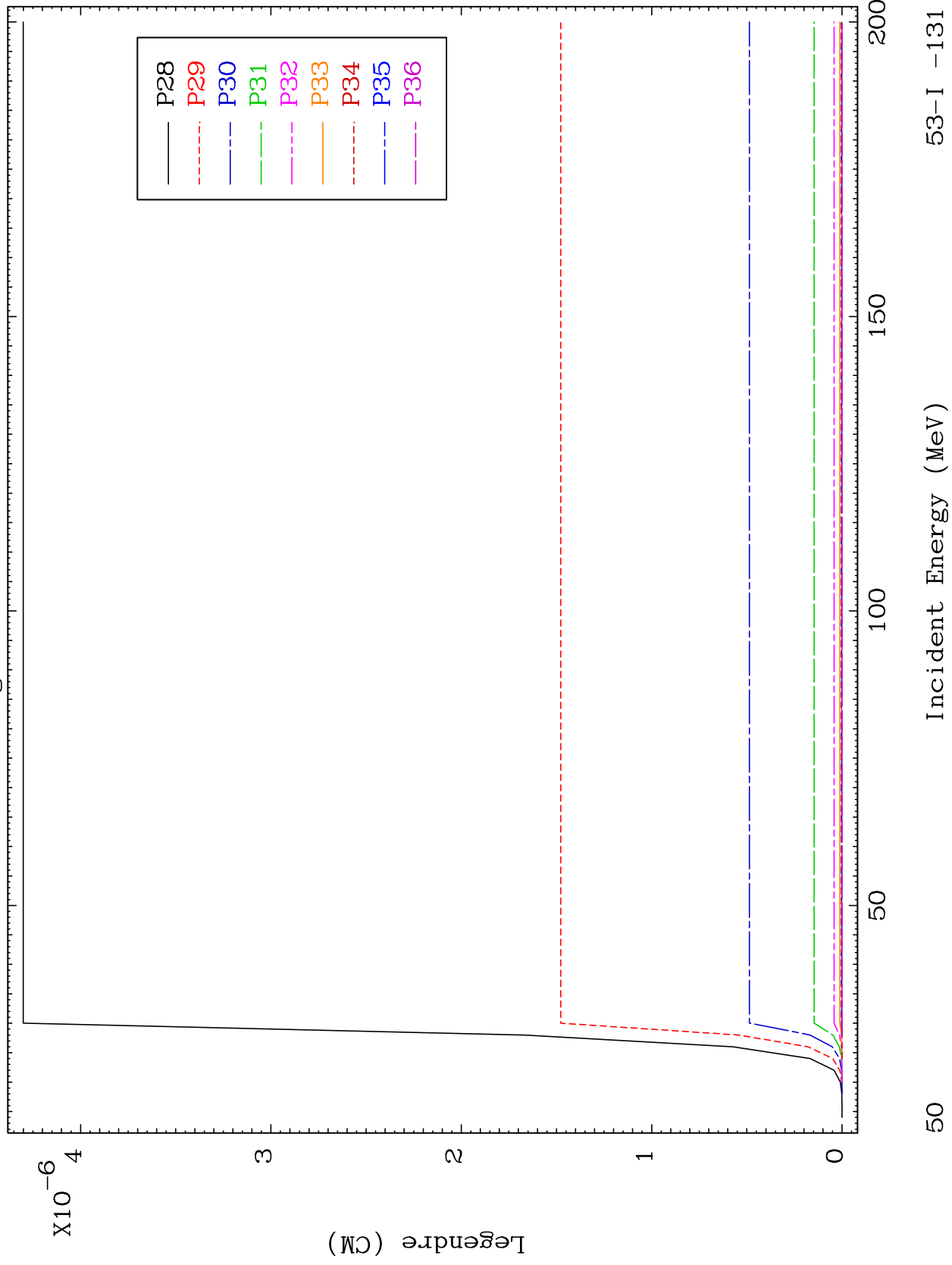
53-I -131



MAT 5337

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

53-I -131

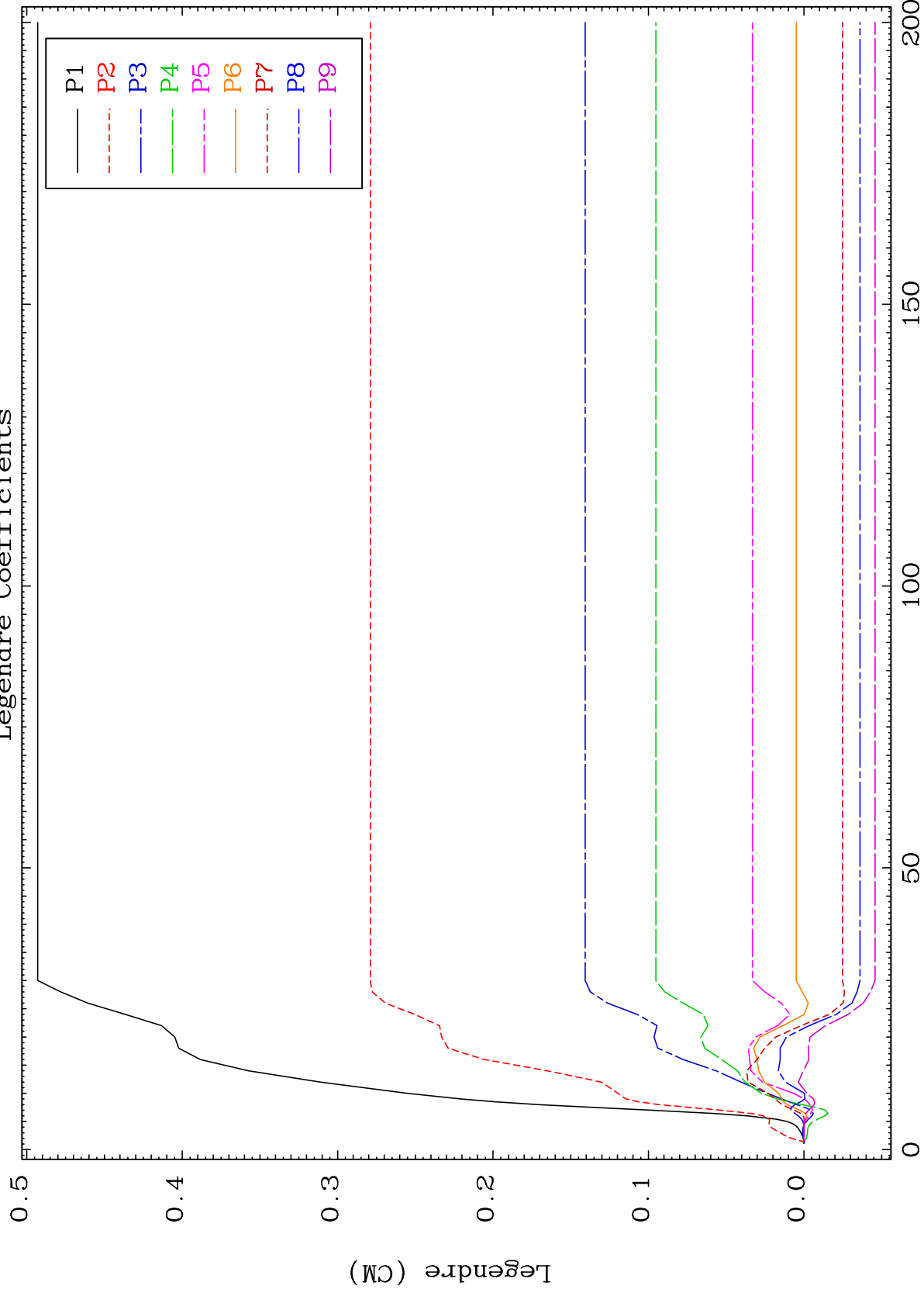


MAT 5337

MT= 59 (n,n') Level

53-I -131

Legendre Coefficients



51

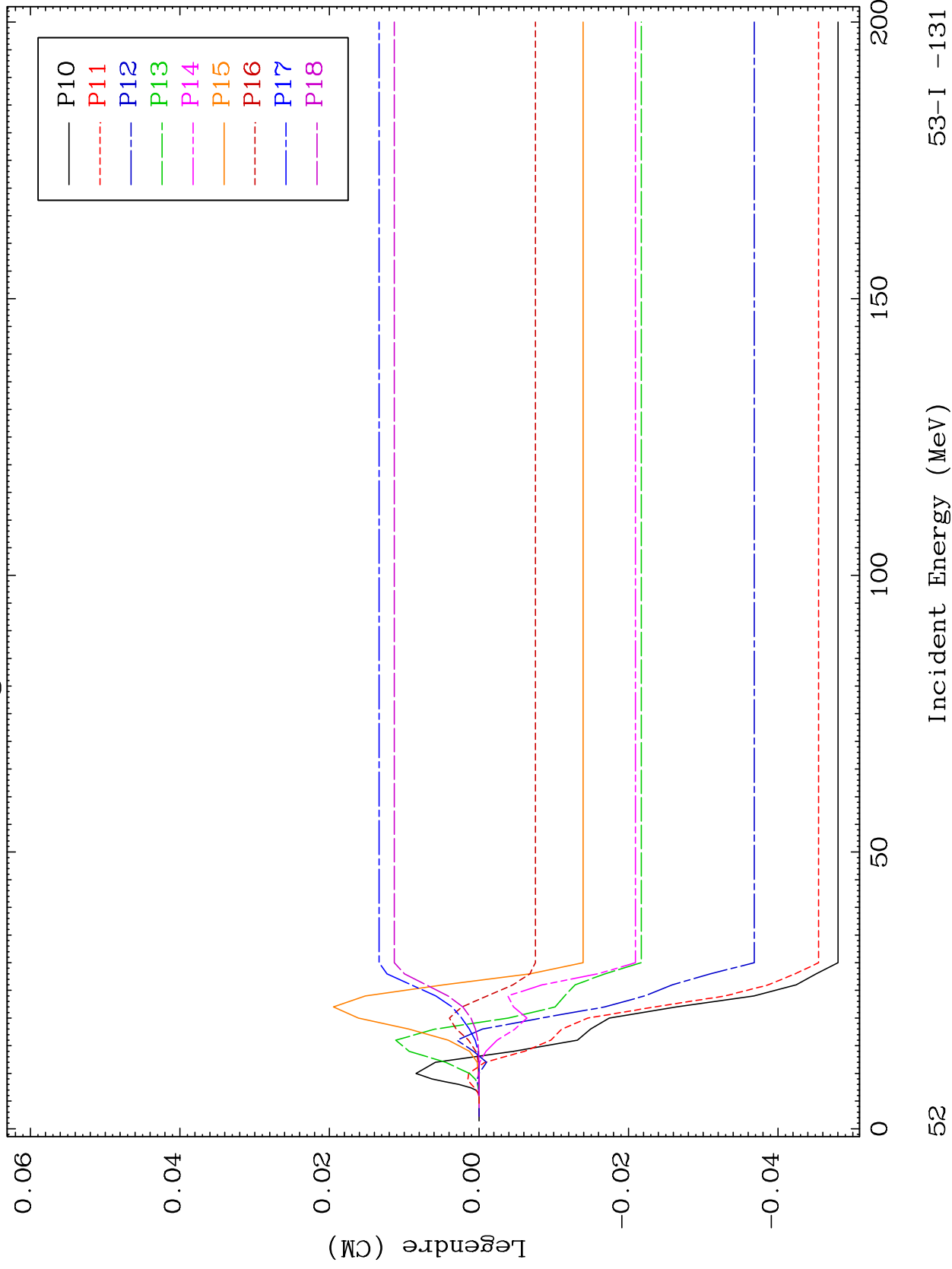
Incident Energy (MeV)

53-I -131

MAT 5337

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

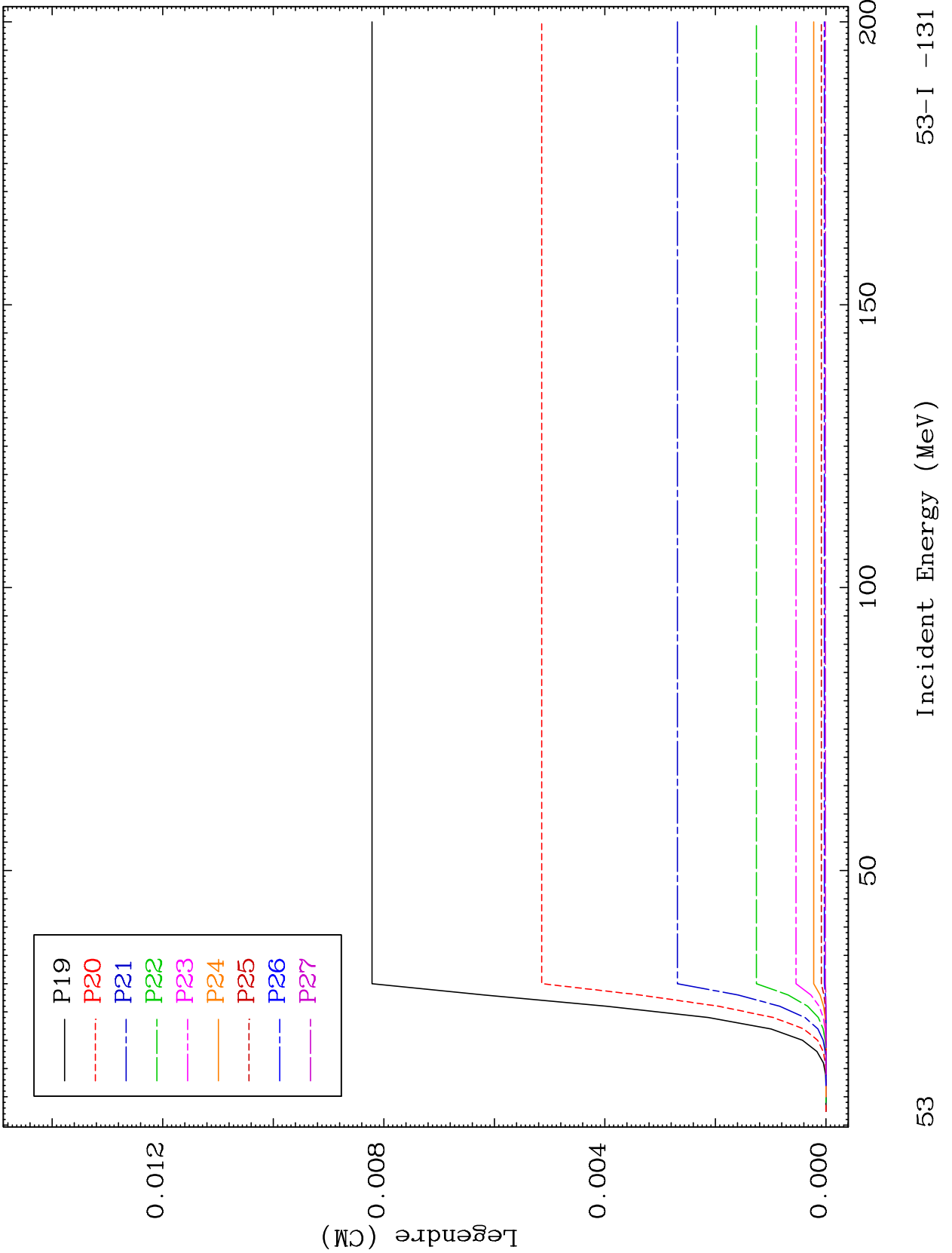
53-I -131



53-I -131

Incident Energy (MeV)

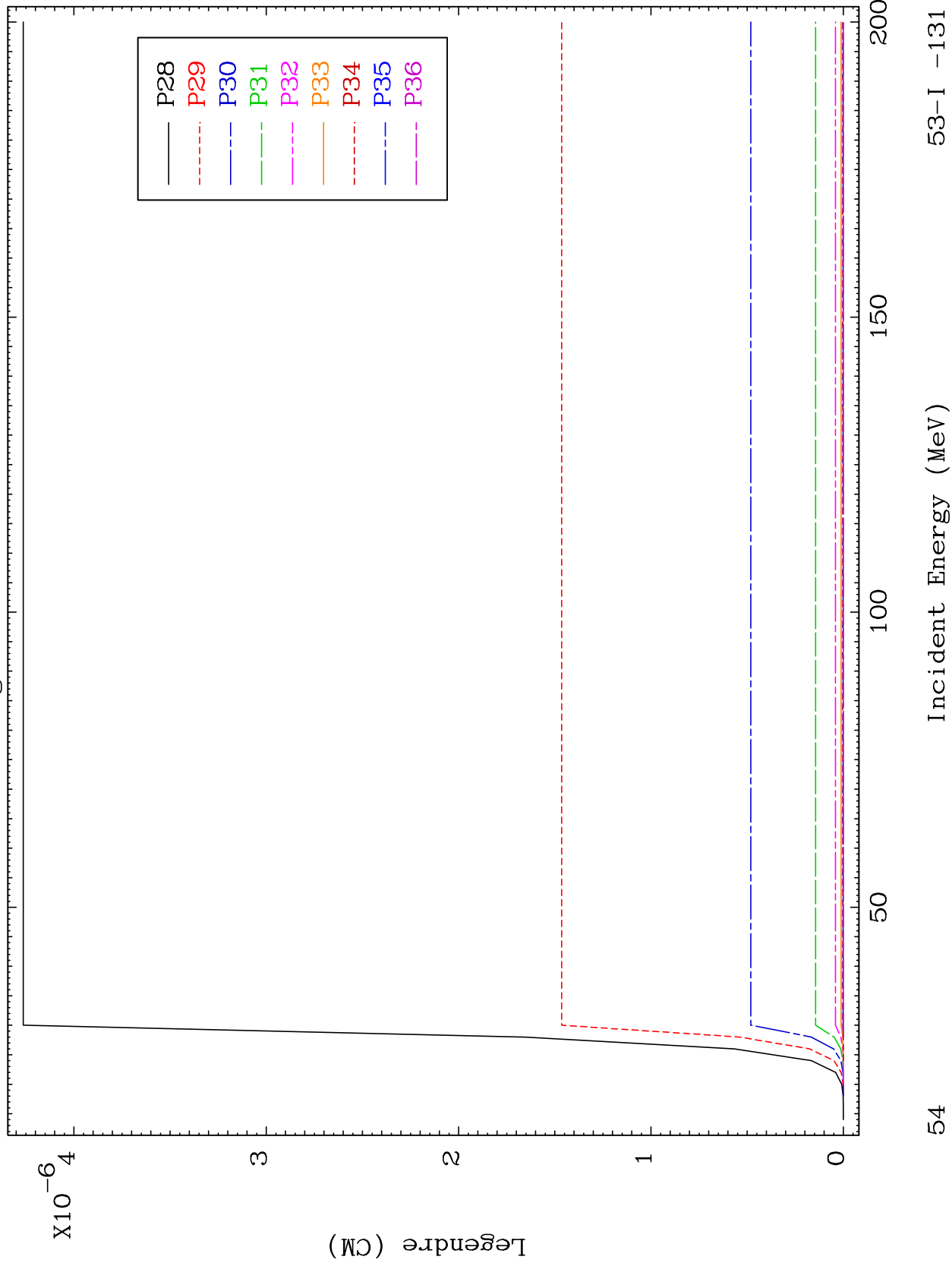
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MAT 5337

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

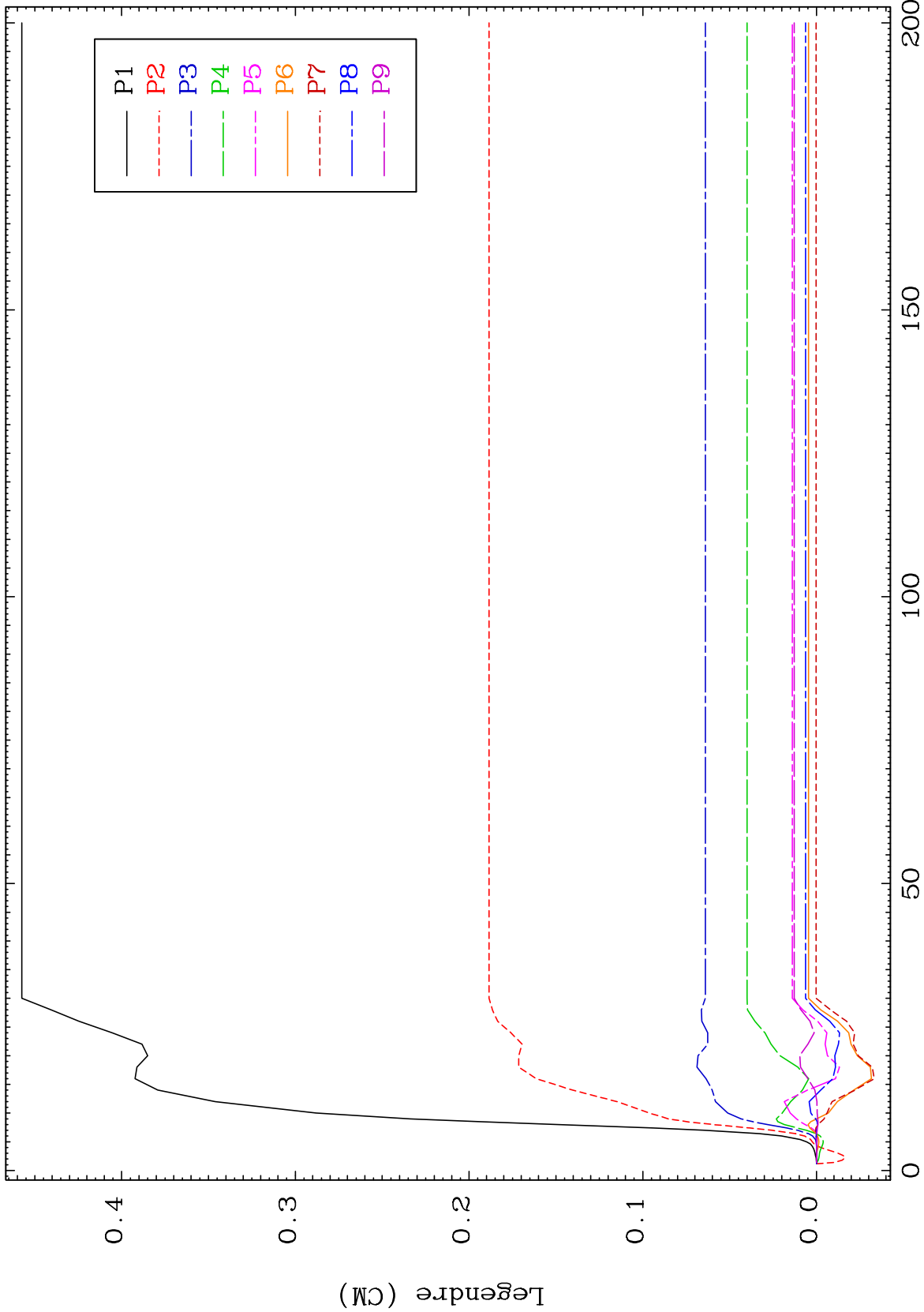
53-I -131



MAT 5337

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

53-I -131

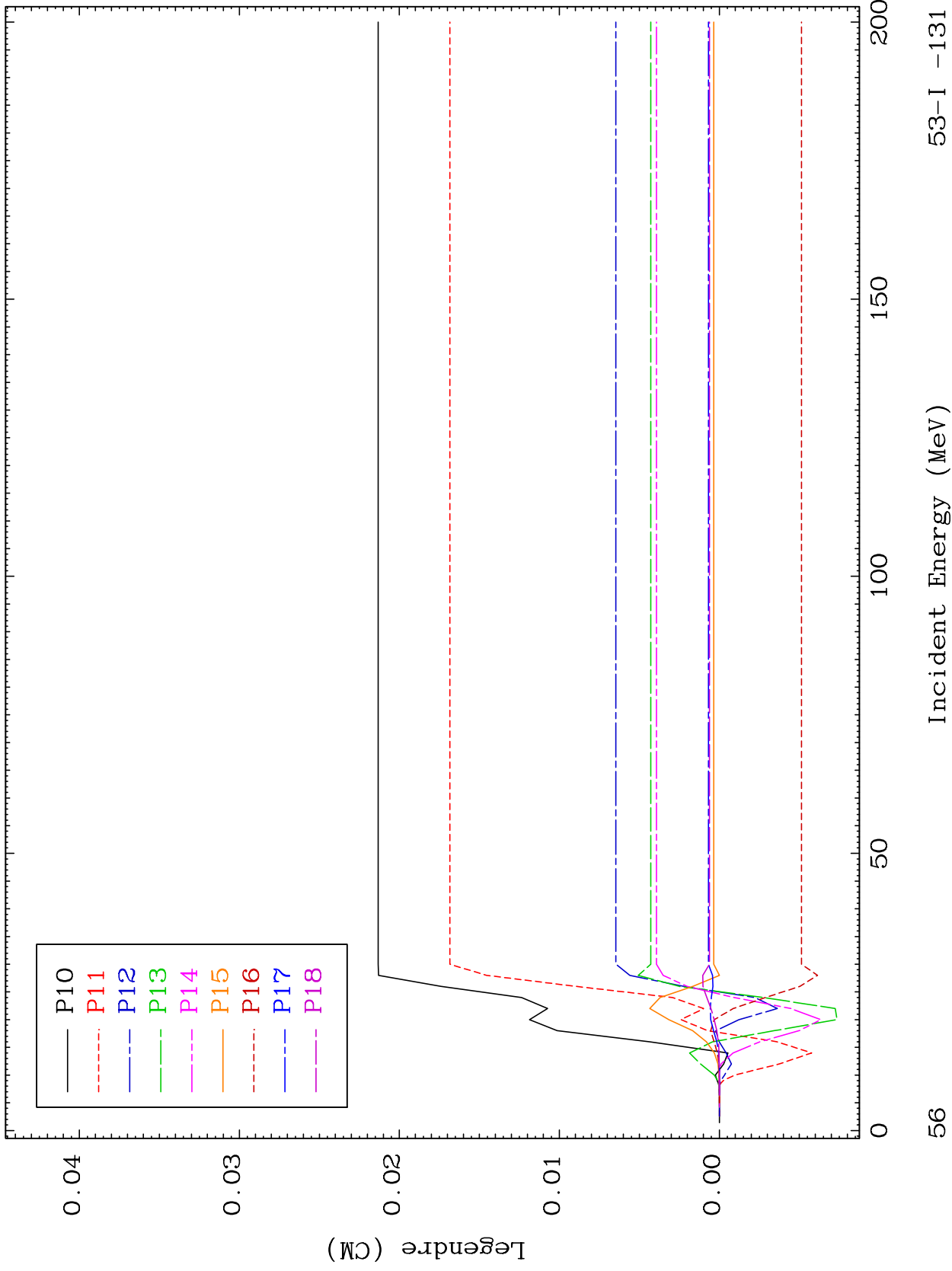


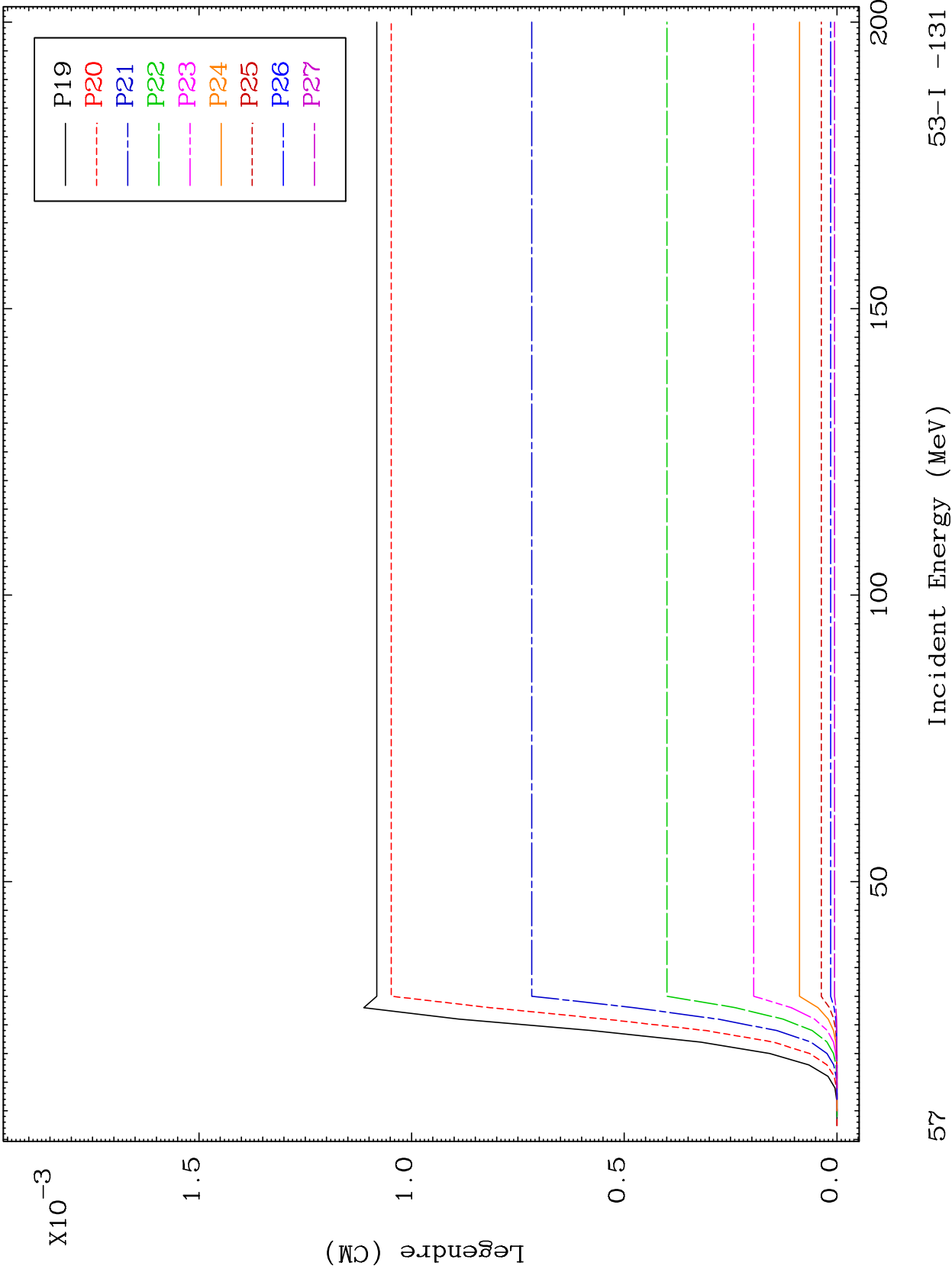
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Incident Energy (MeV)

53-I -131



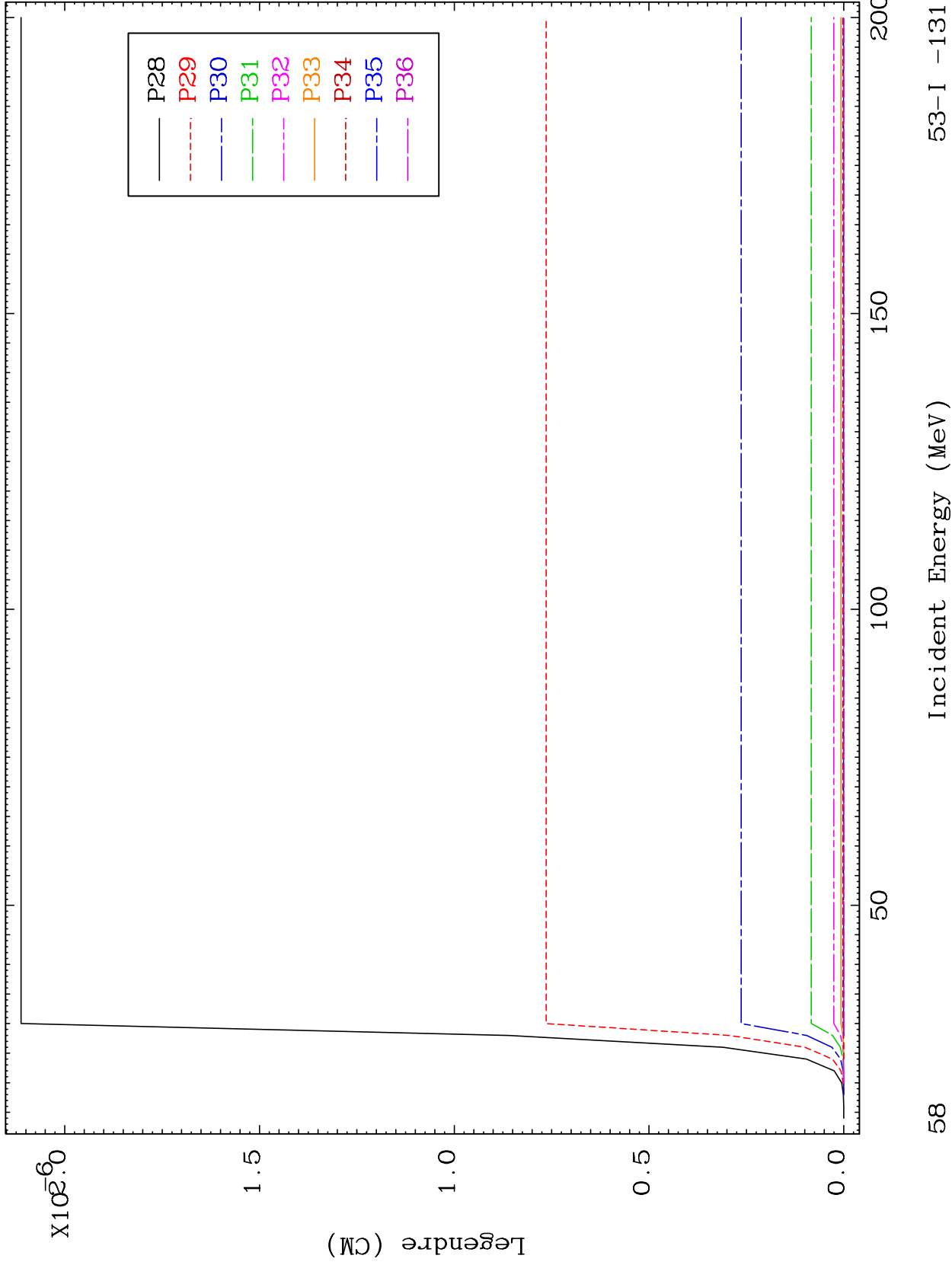




MAT 5337

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

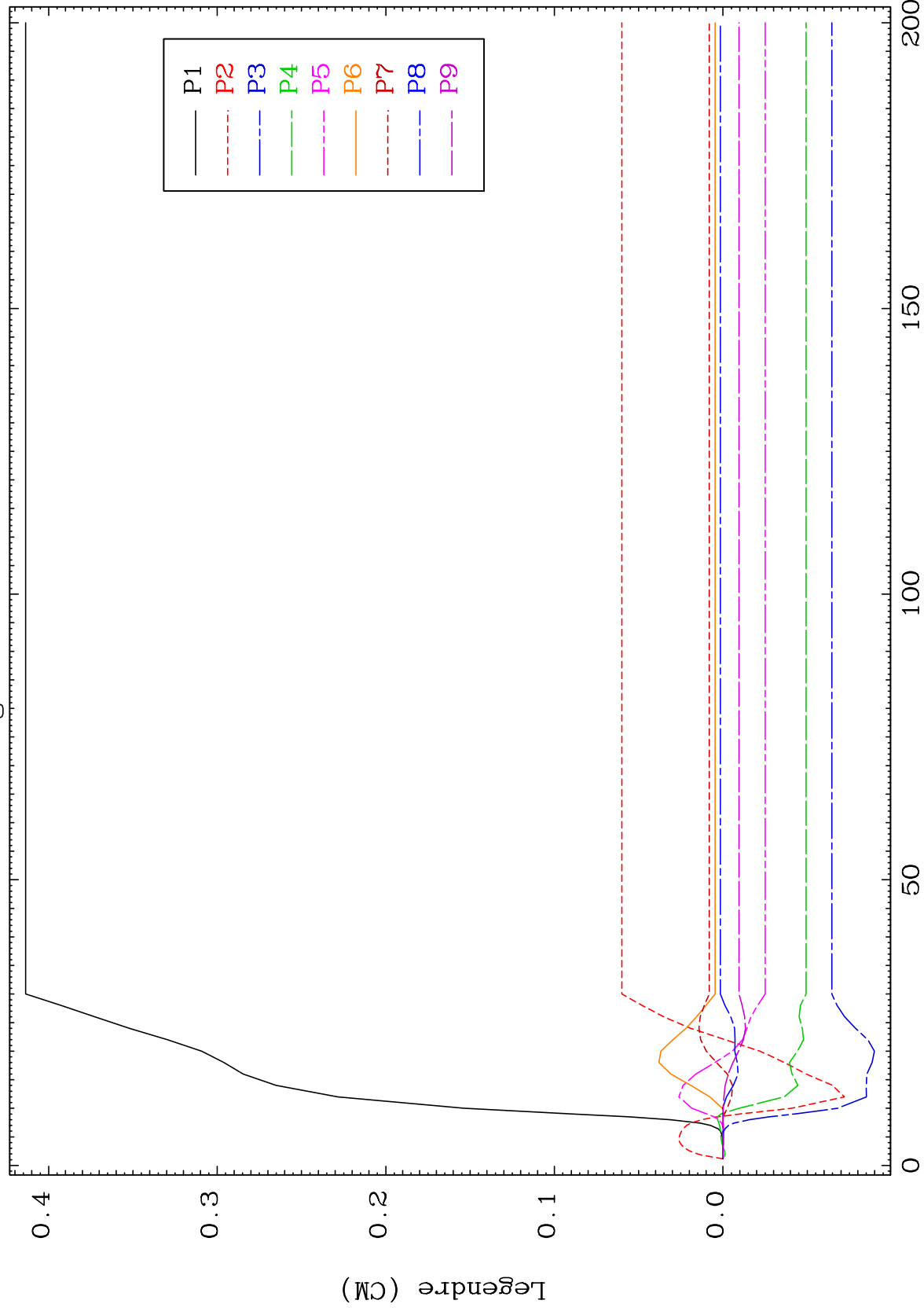
53-I -131



58

Incident Energy (MeV)

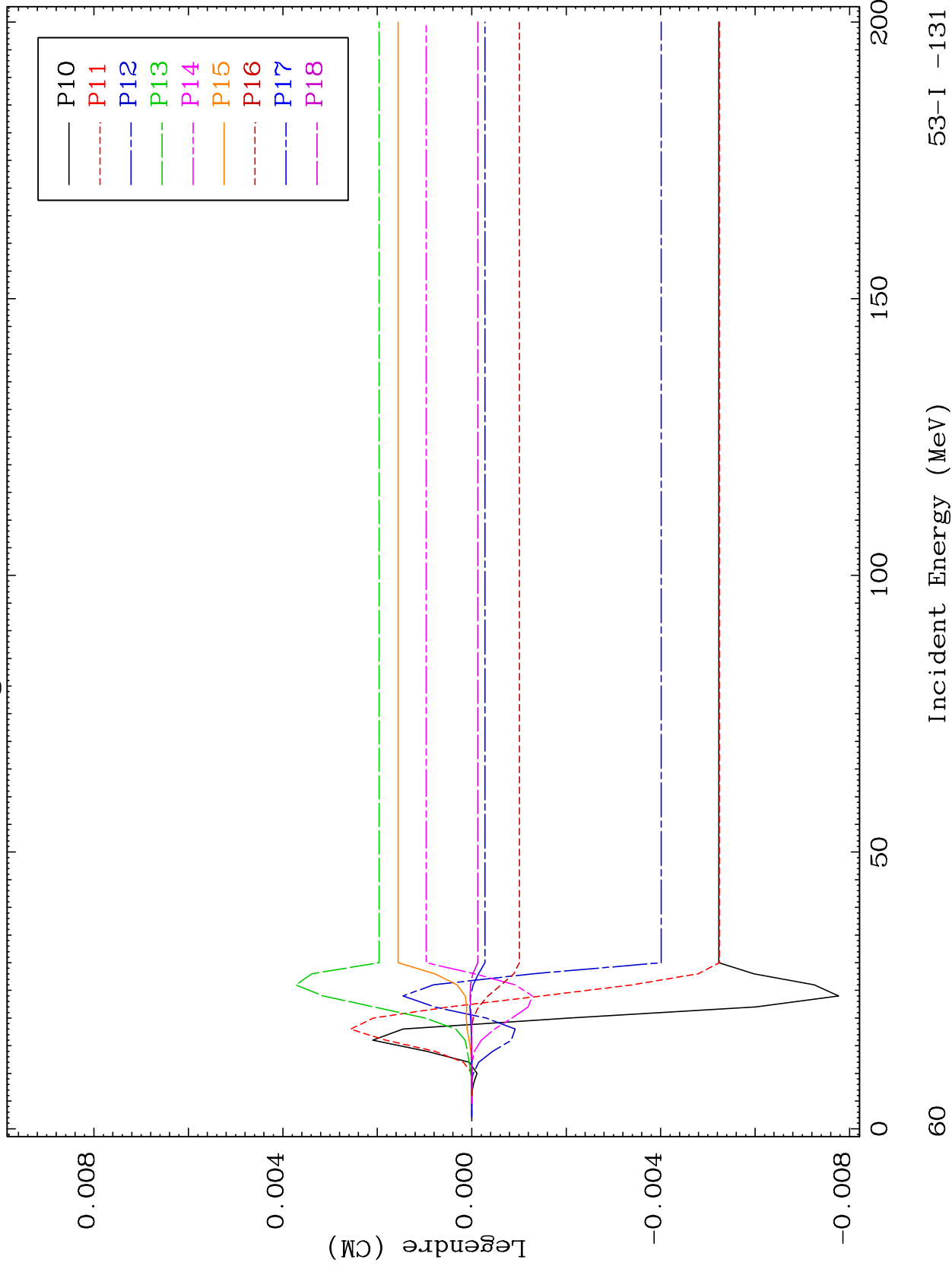
53-I -131



MAT 5337

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

53-I -131



53-I -131

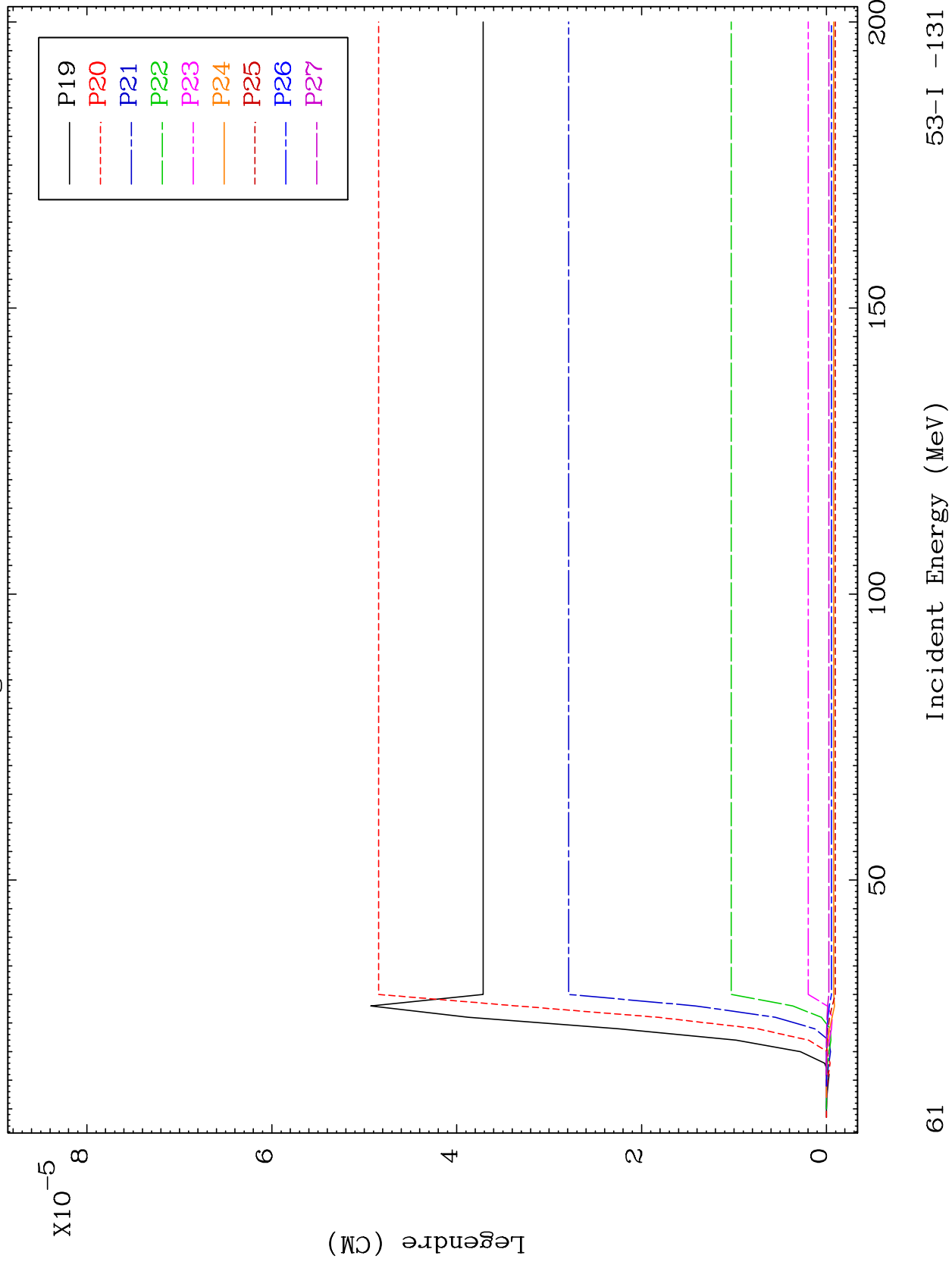
Incident Energy (MeV)

60

MAT 5337

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

53-I -131

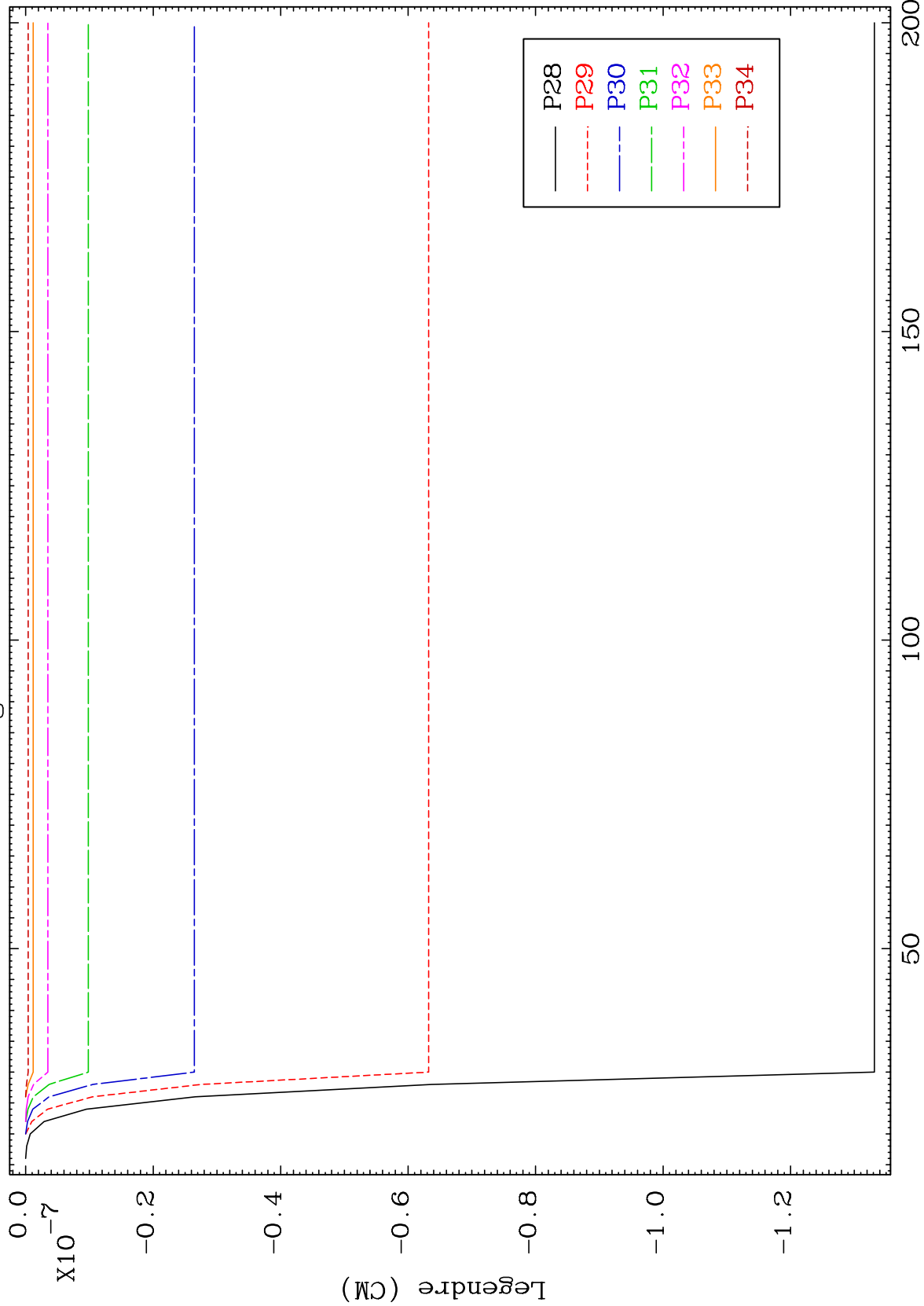


MAT 5337

MT= 61 (n,n') Level

53-I -131

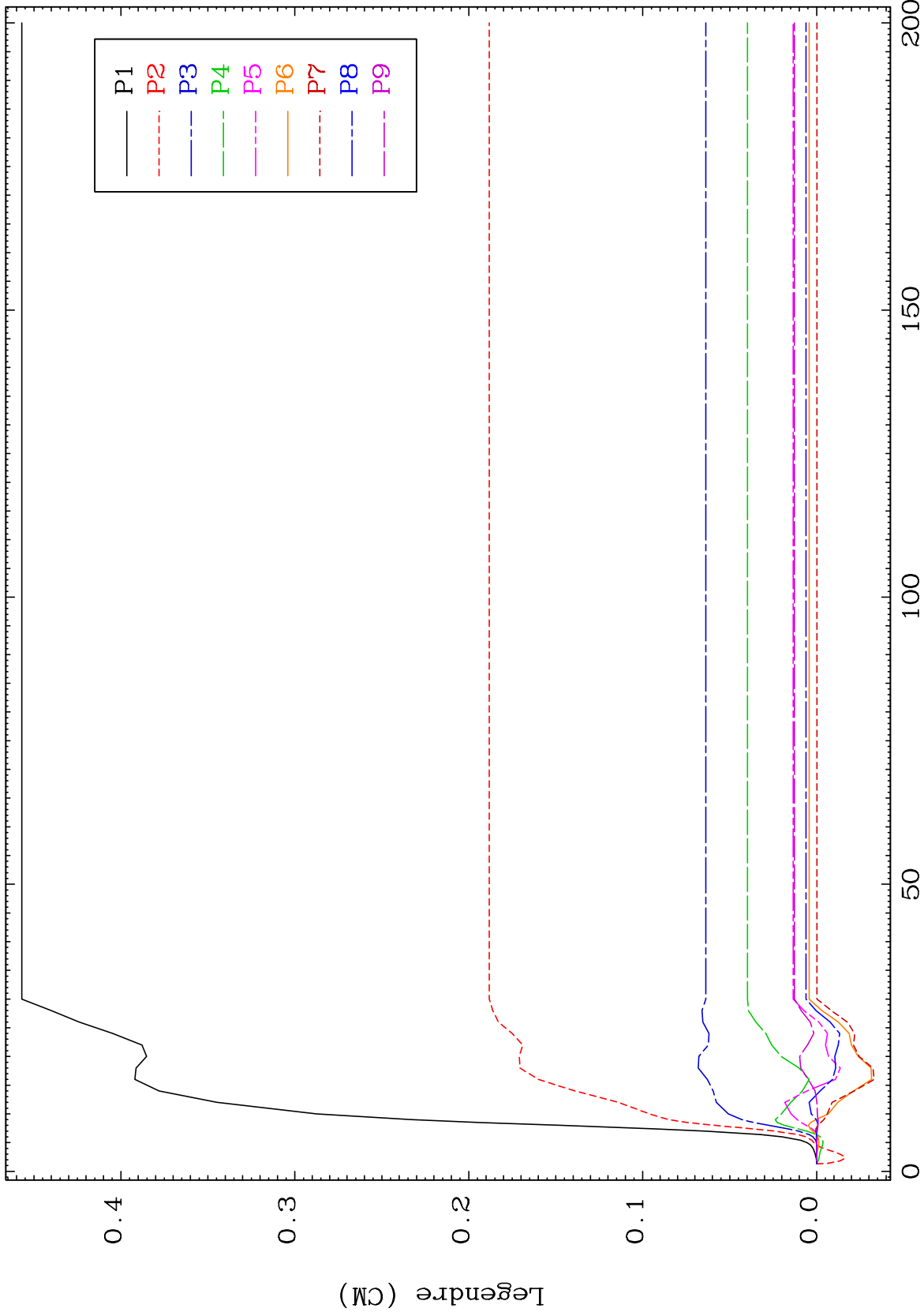
Legendre Coefficients



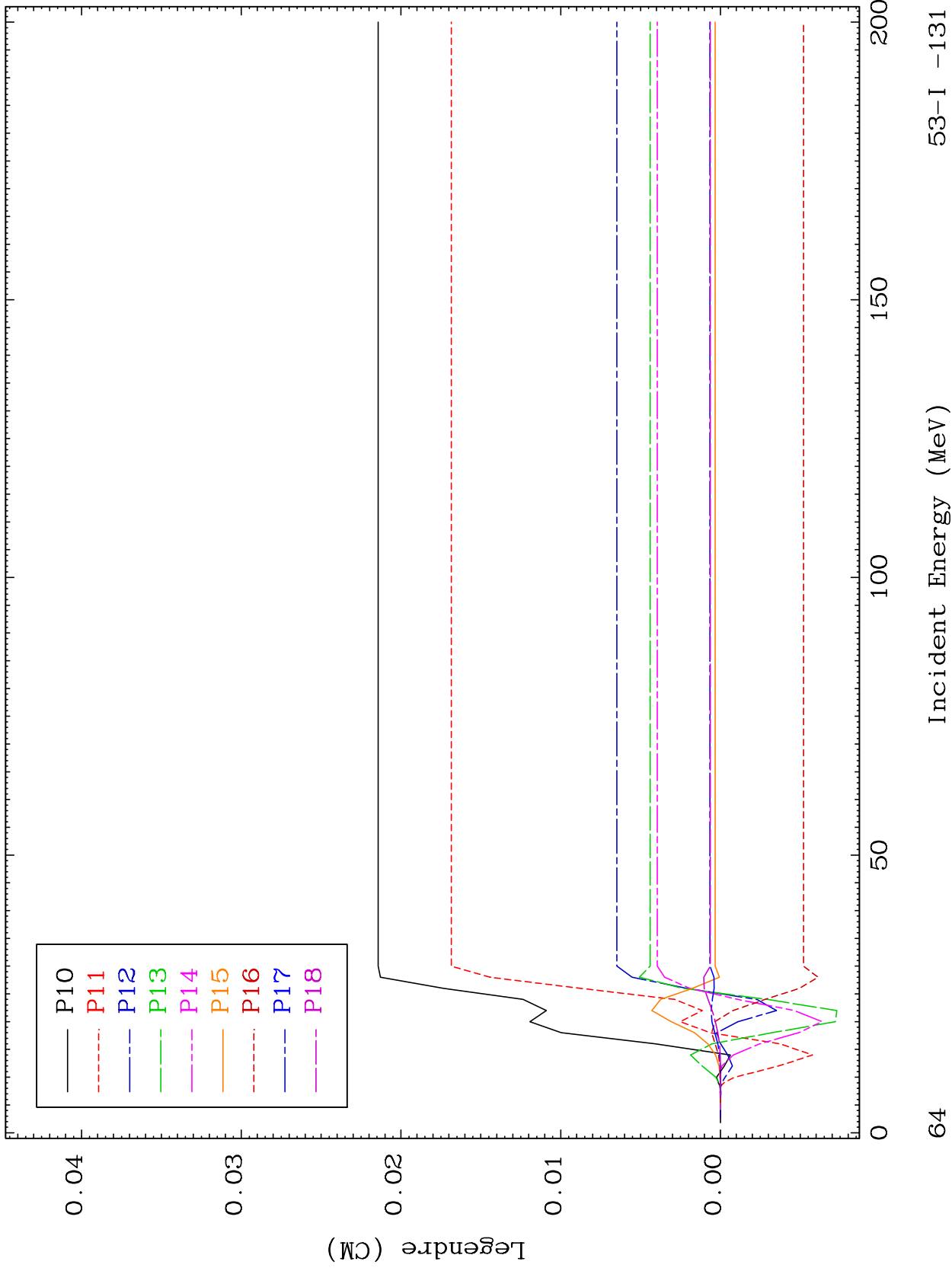
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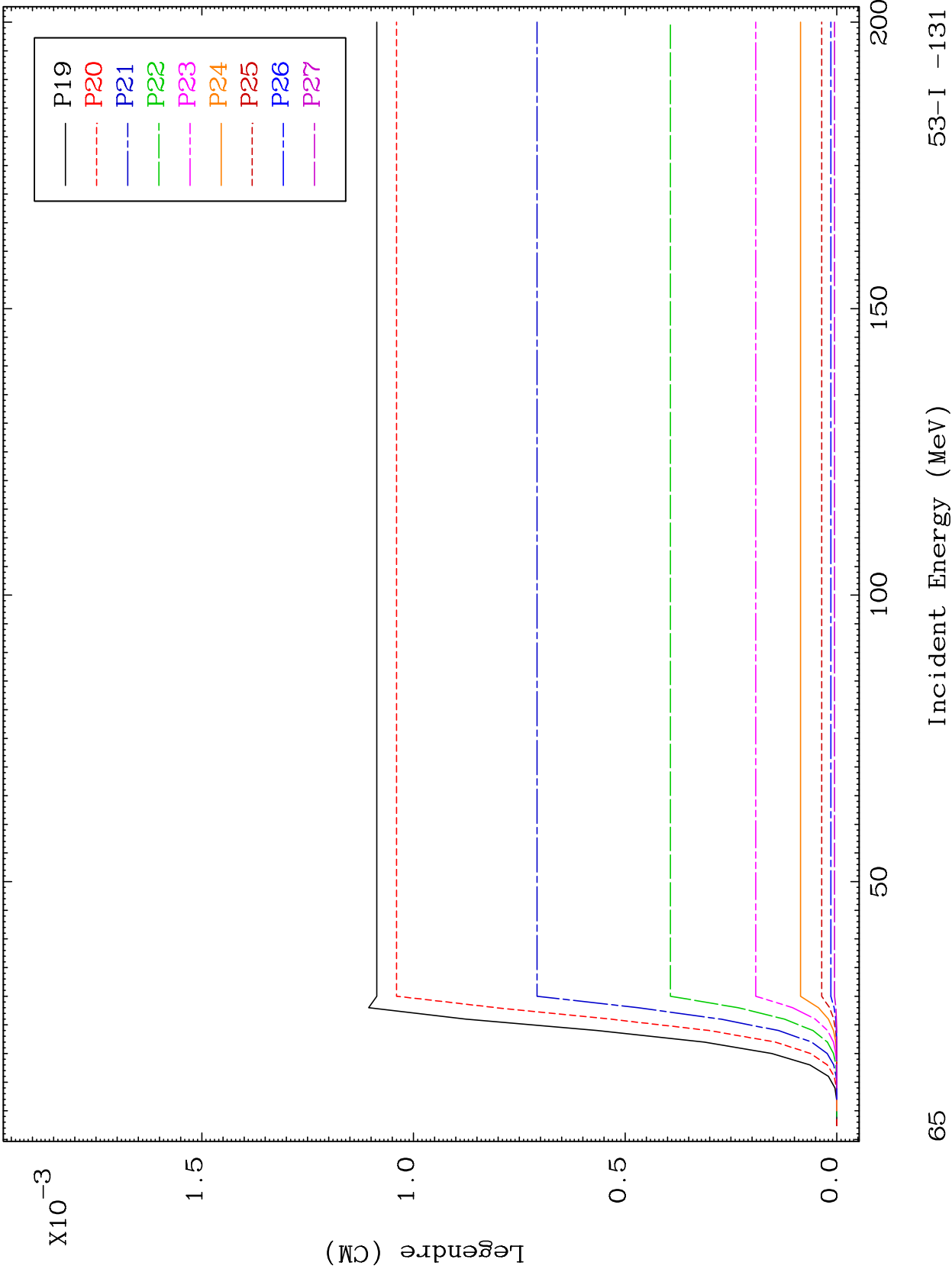
Incident Energy (MeV)

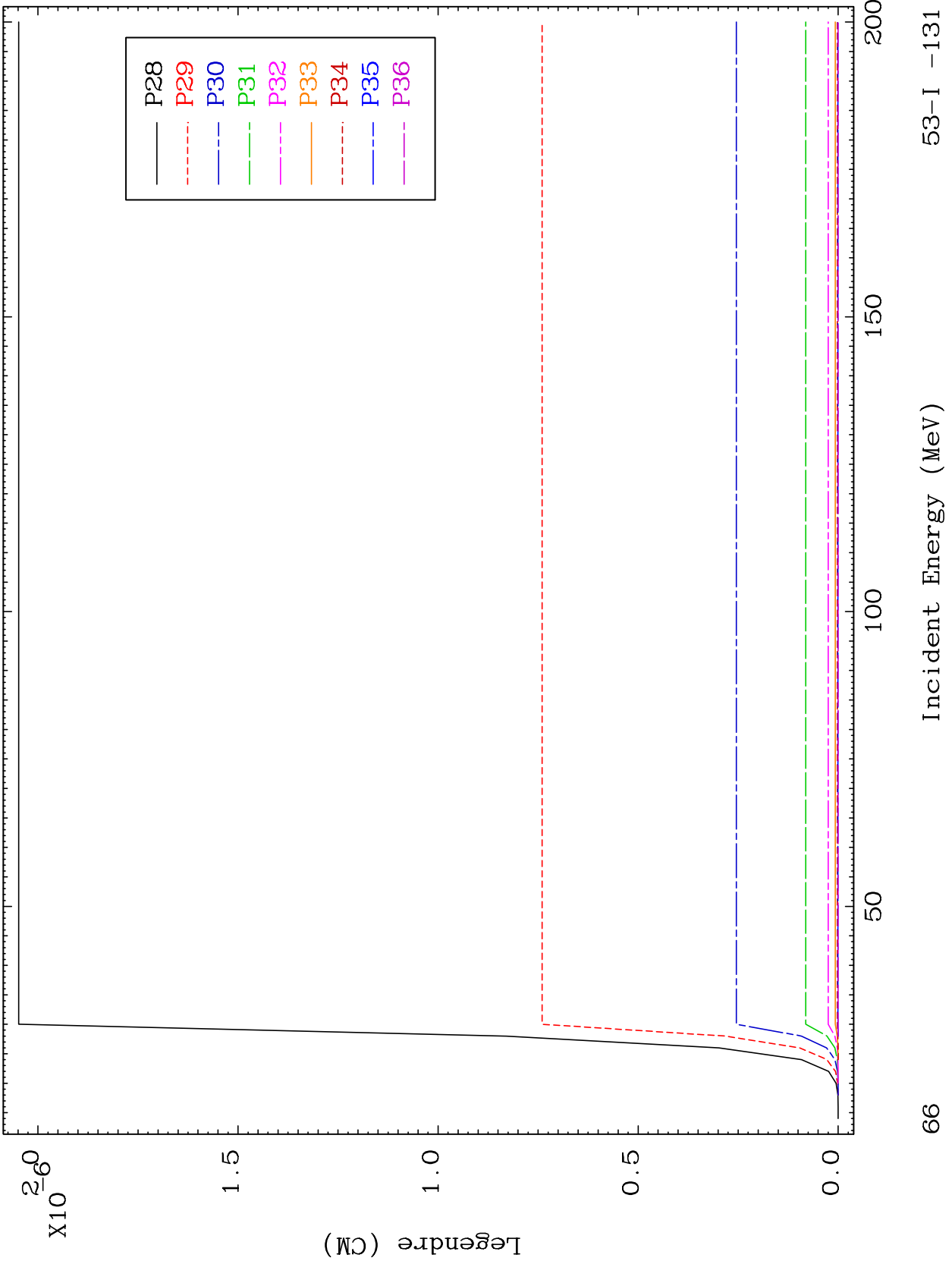
53-I -131

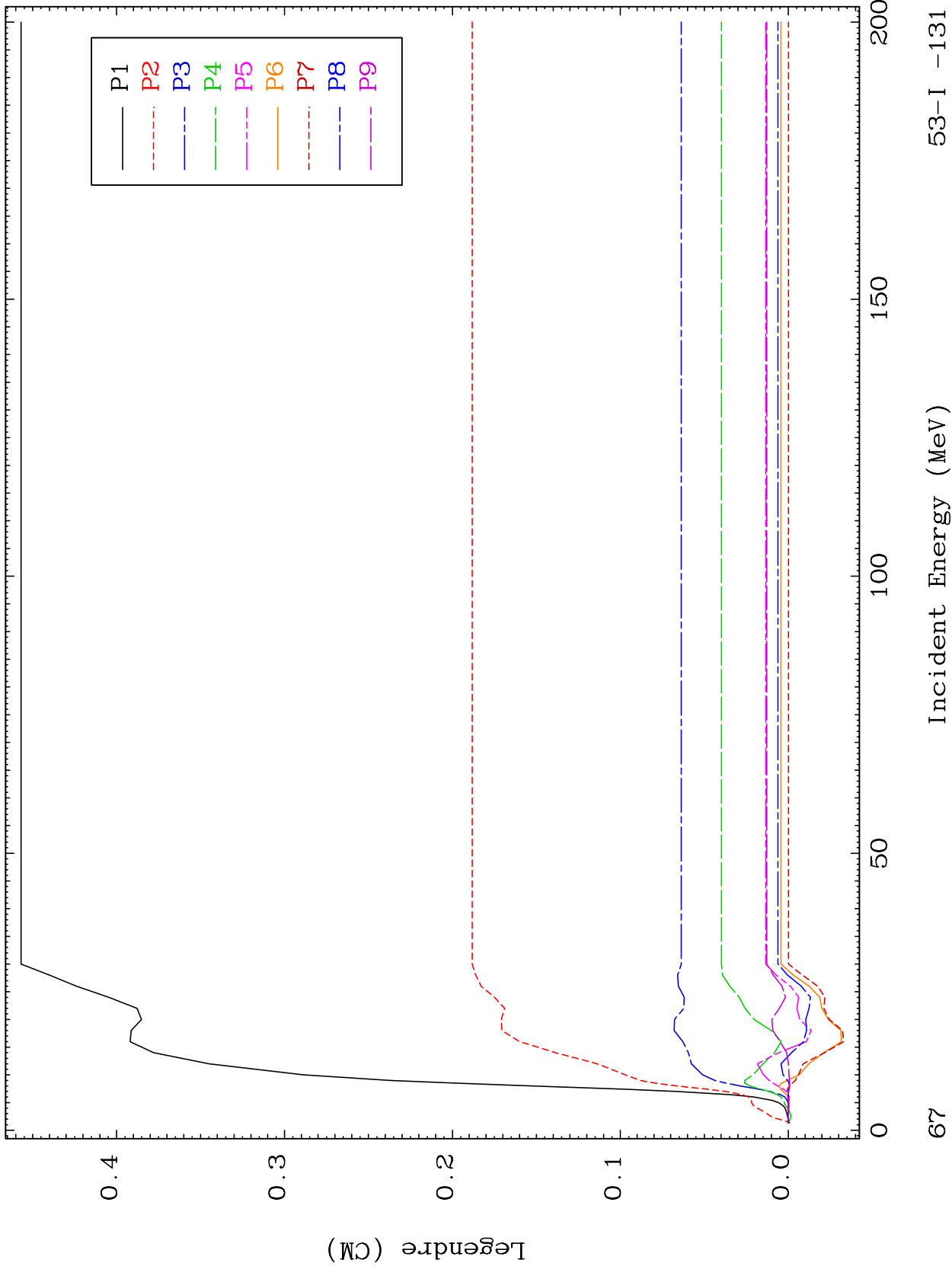


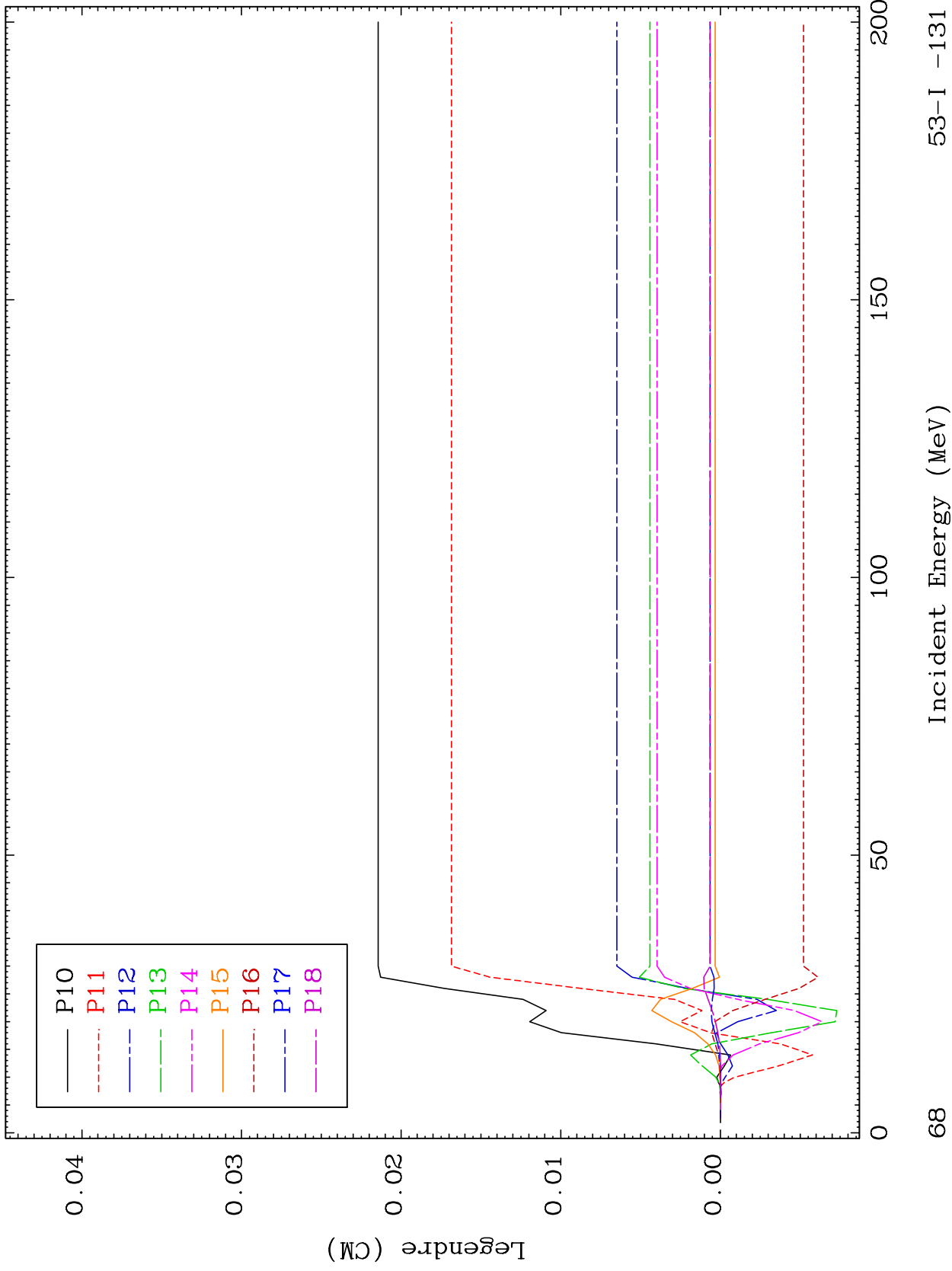


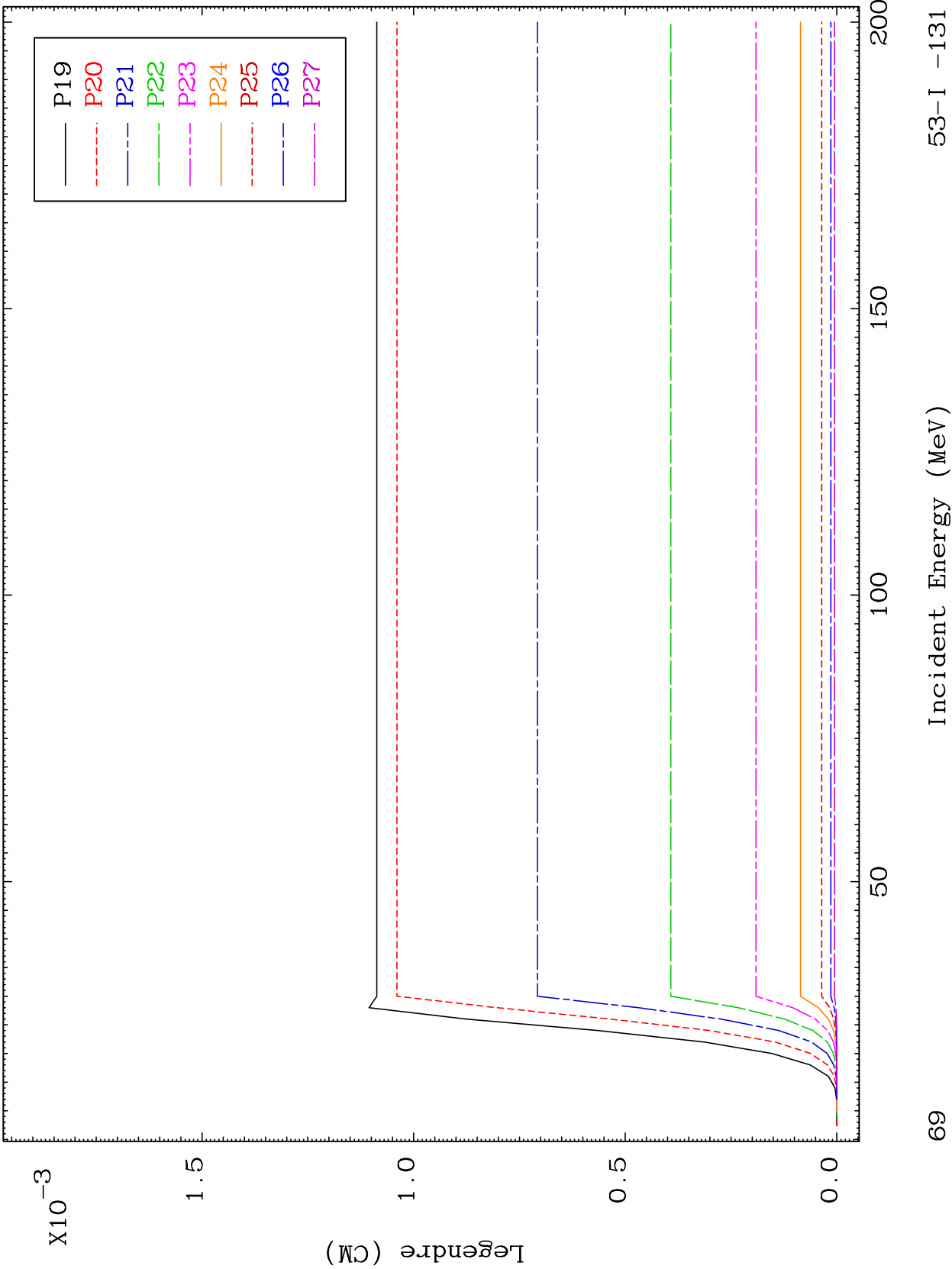


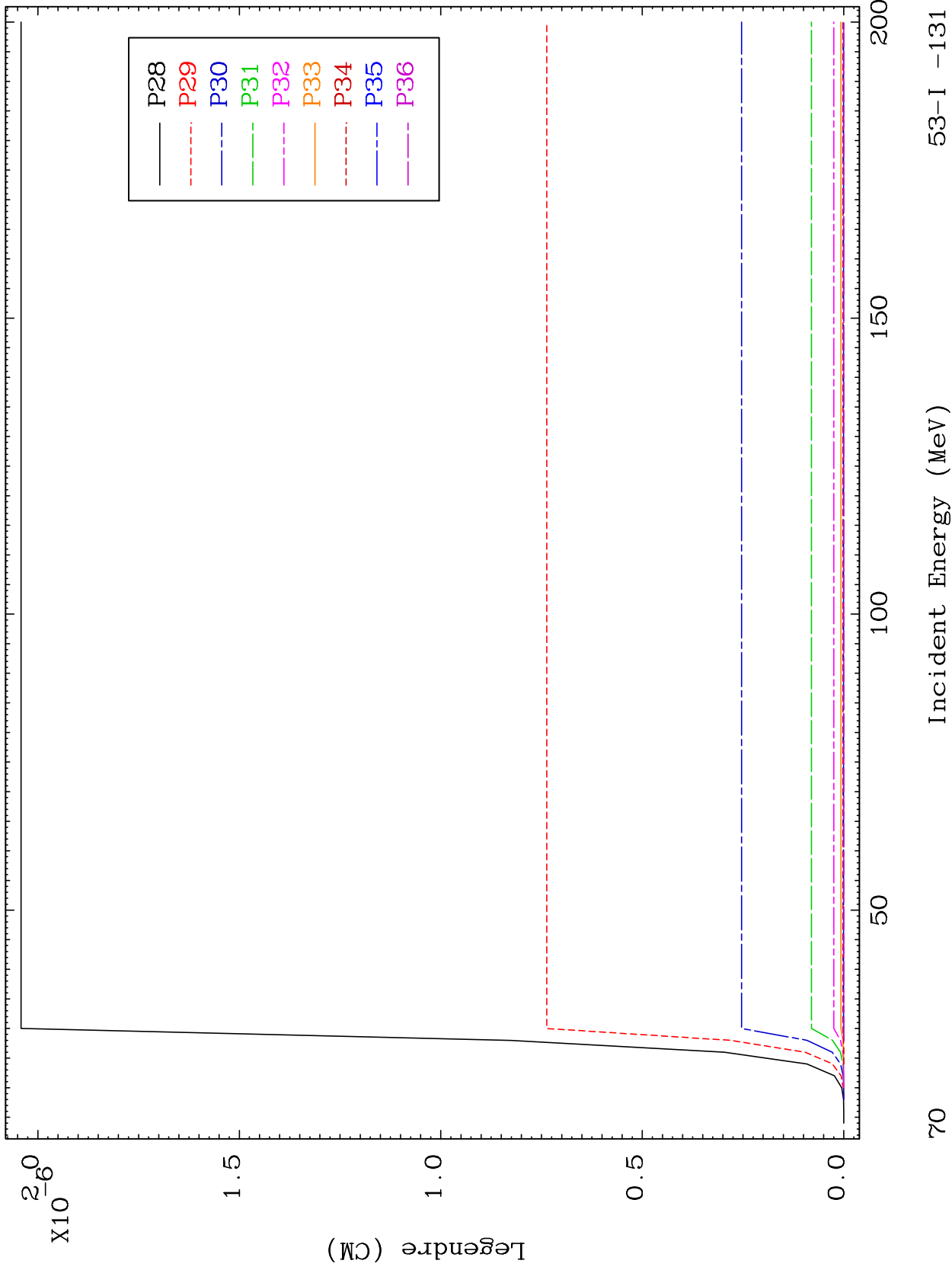


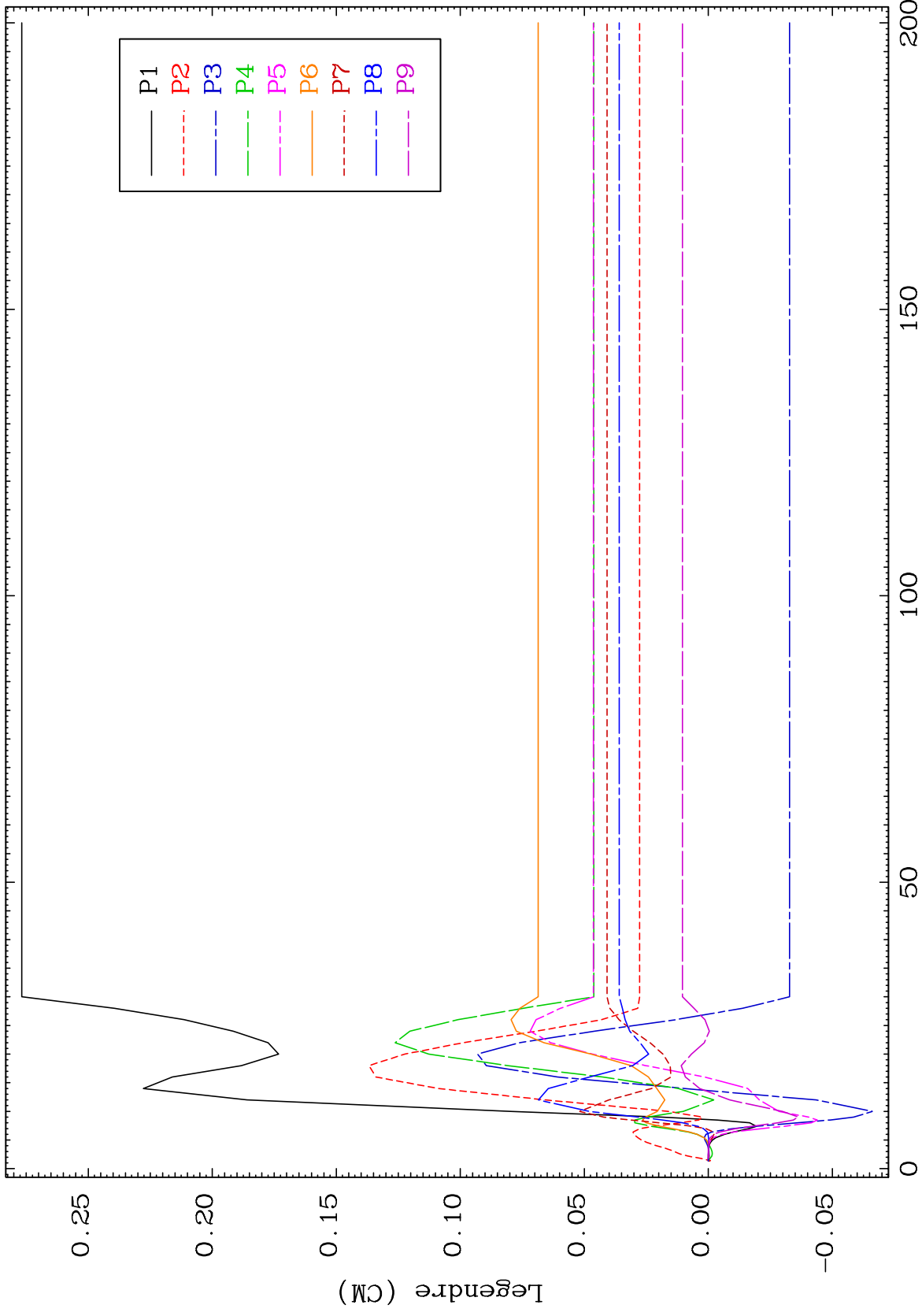










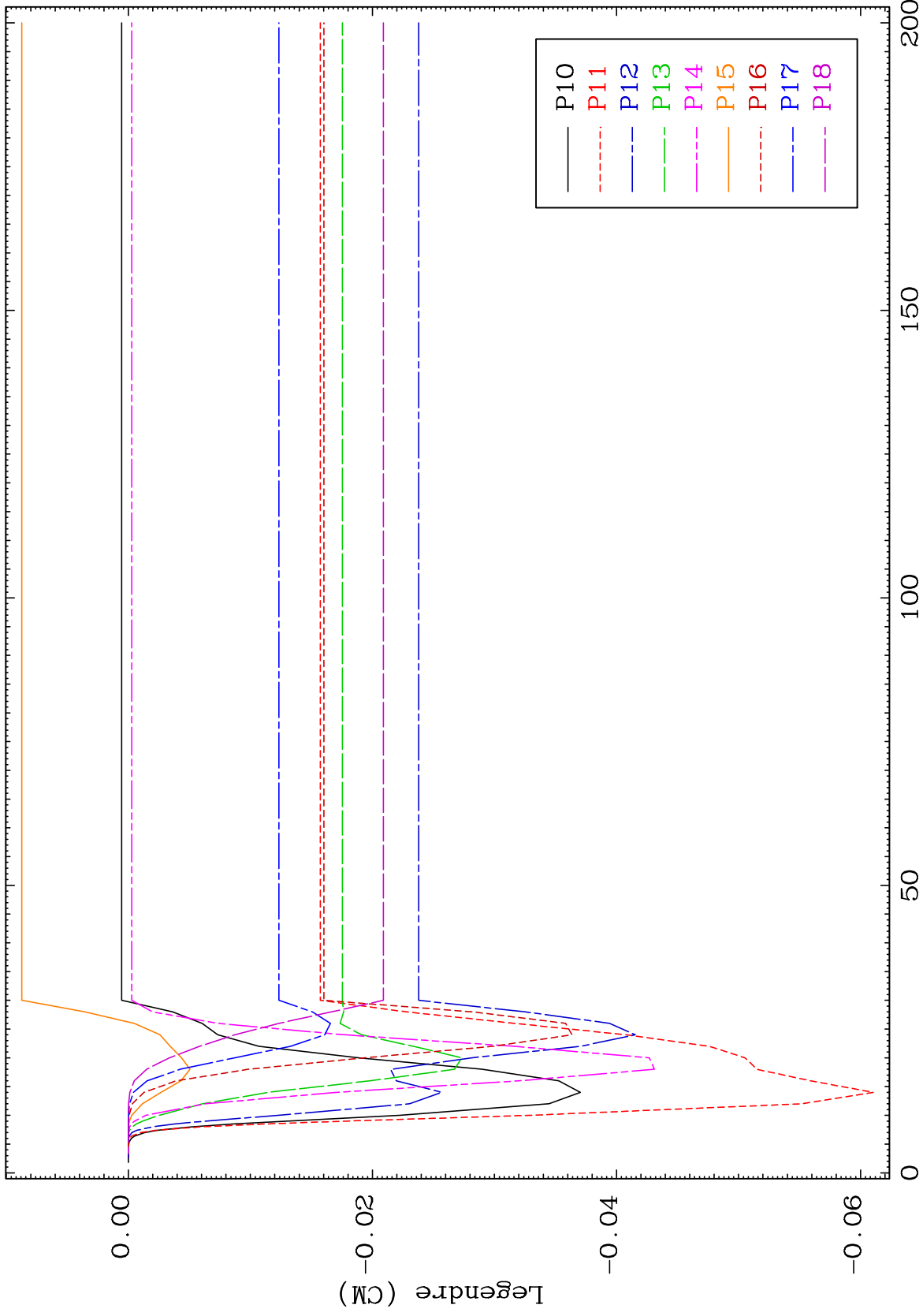




MAT 5337

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

53-I -131



72

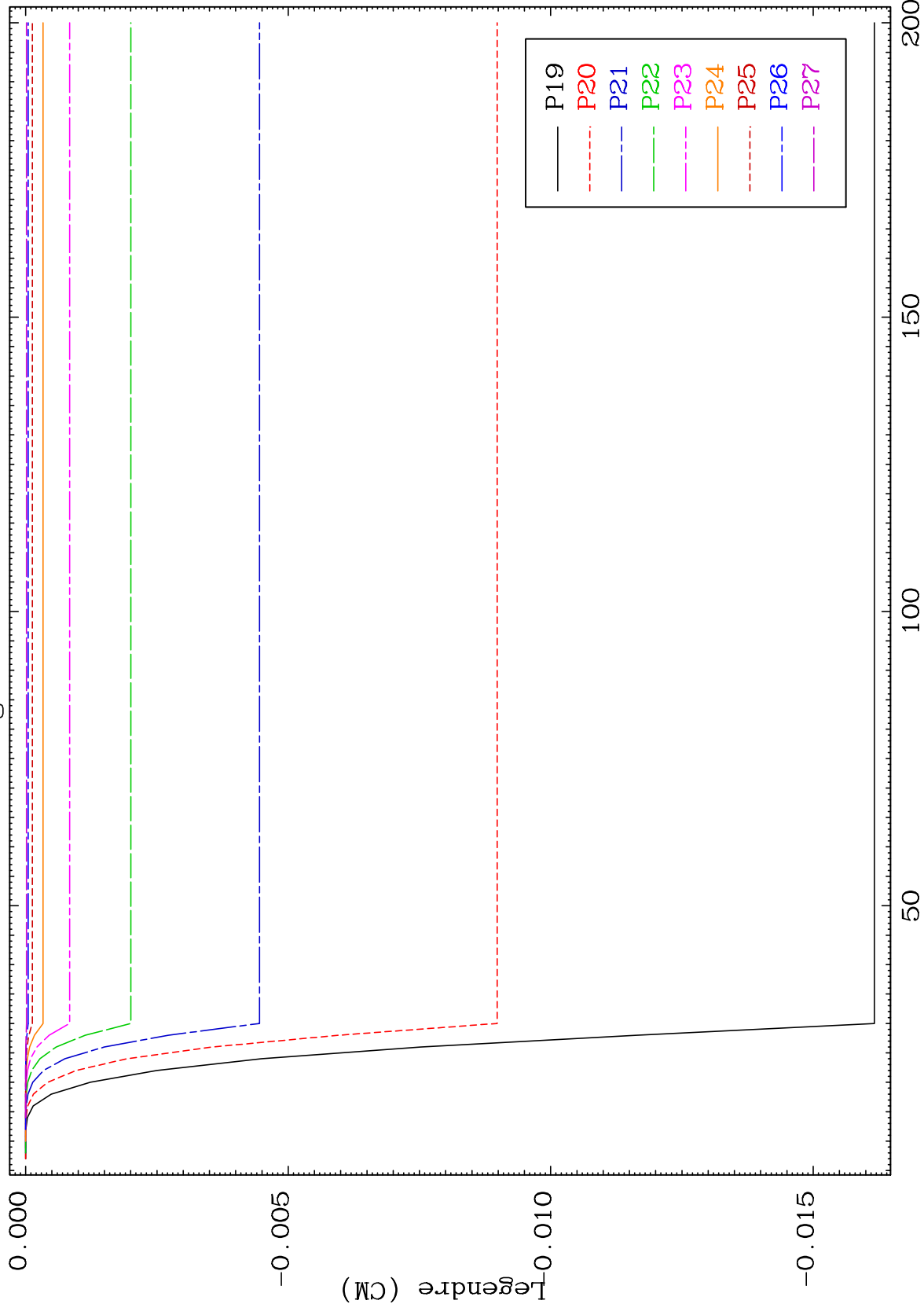
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



73

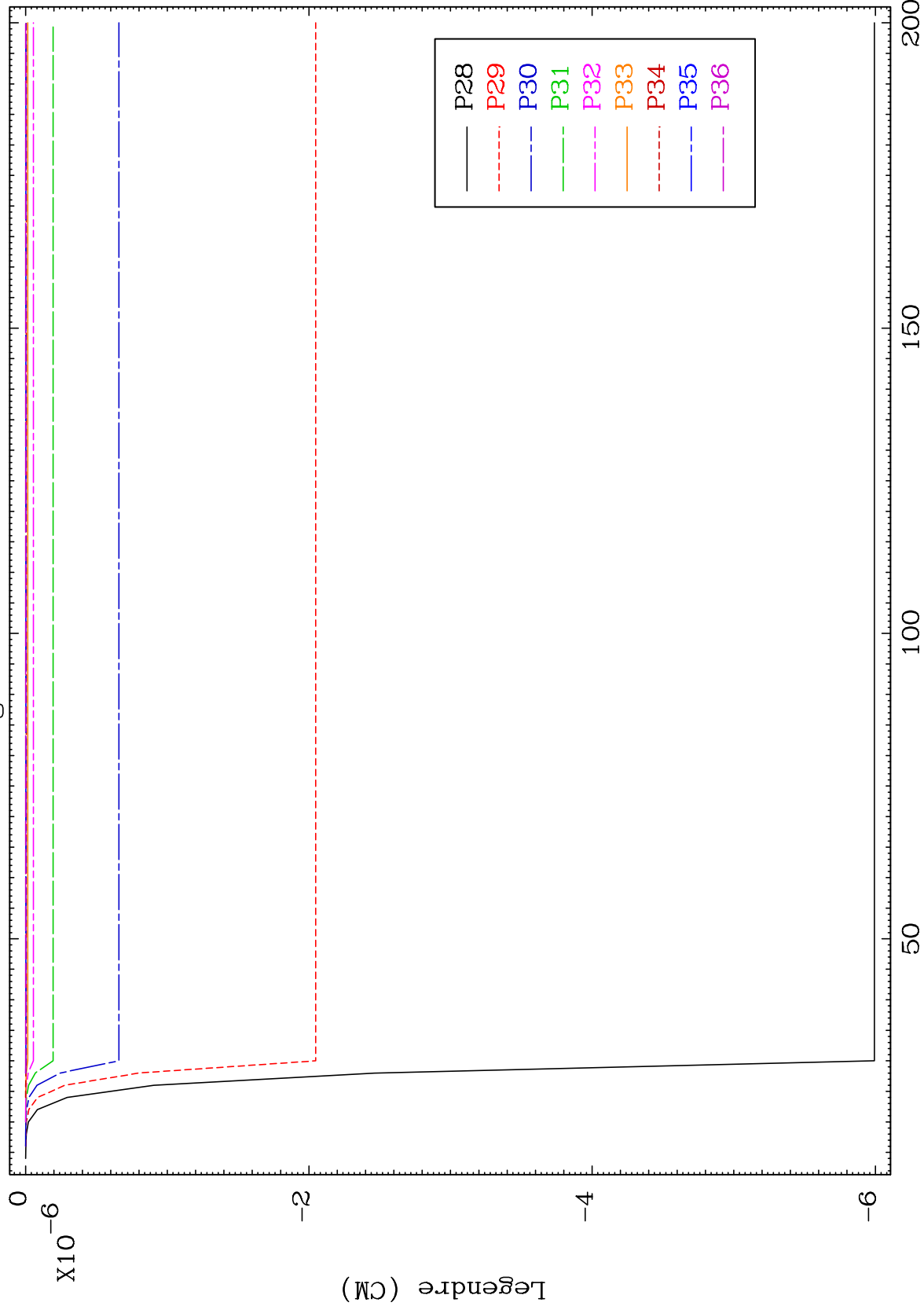
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



74

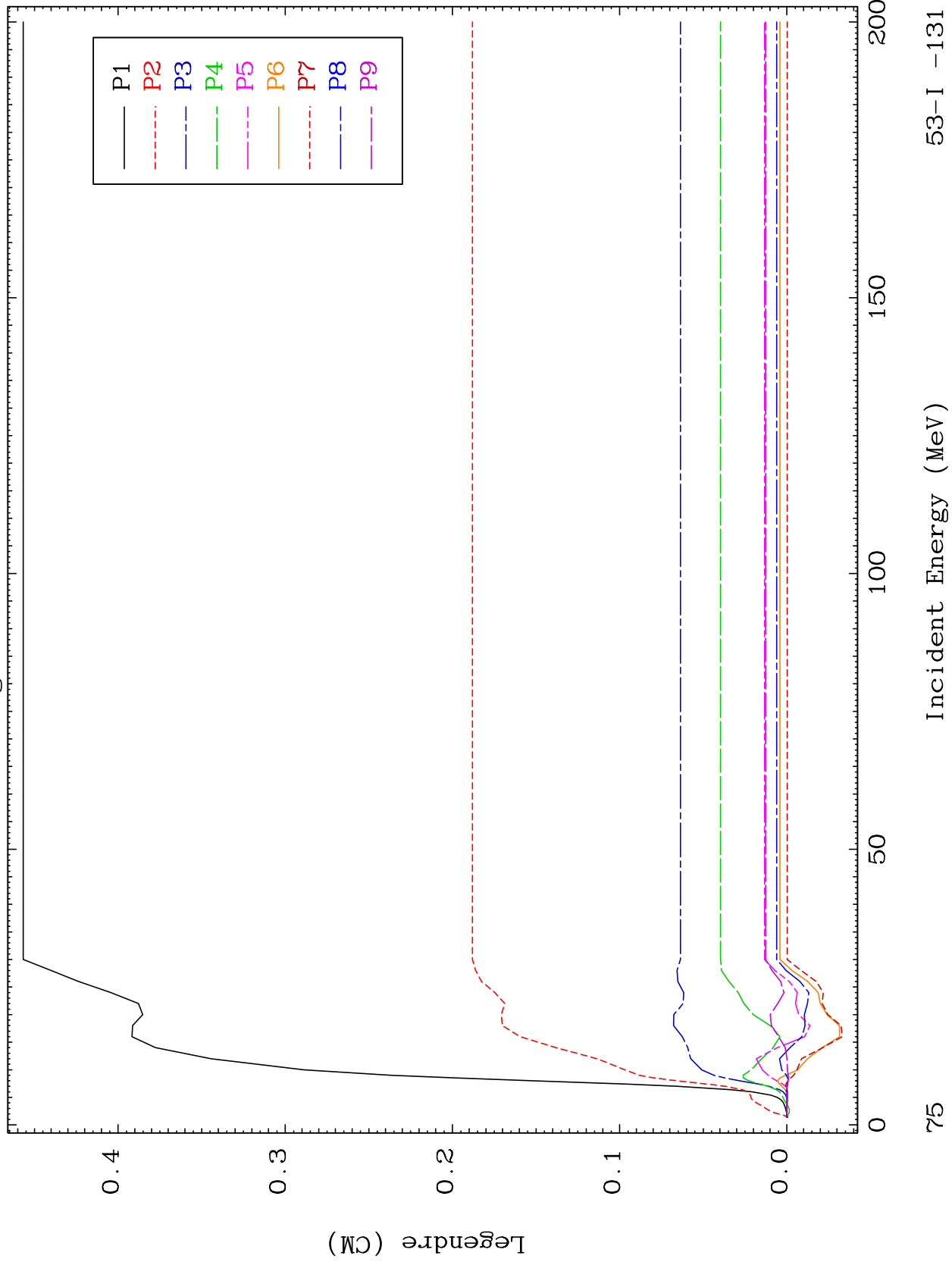
Incident Energy (MeV)

53-I -131

MAT 5337

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

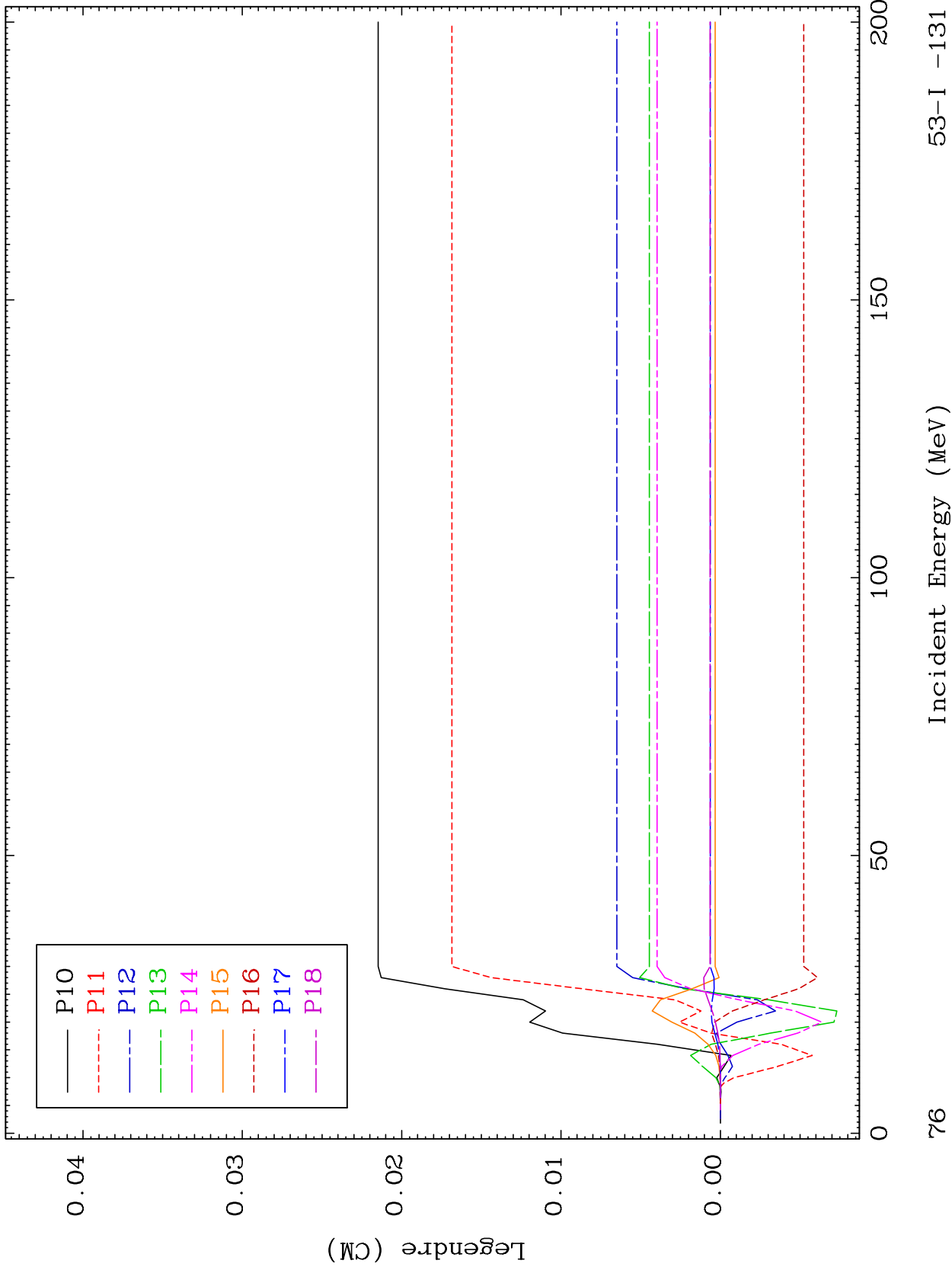
53-I -131

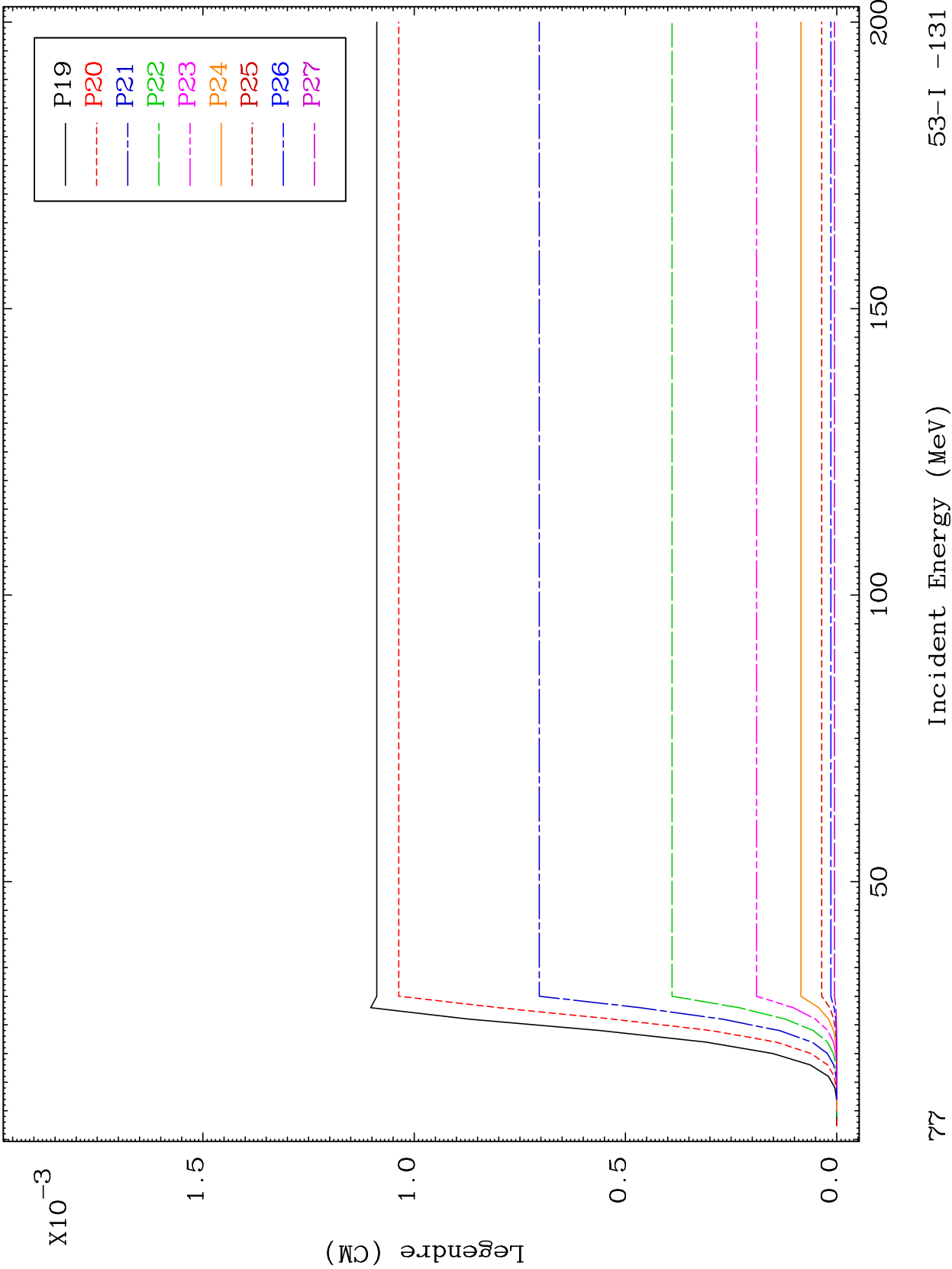


53-I -131

Incident Energy (MeV)

75

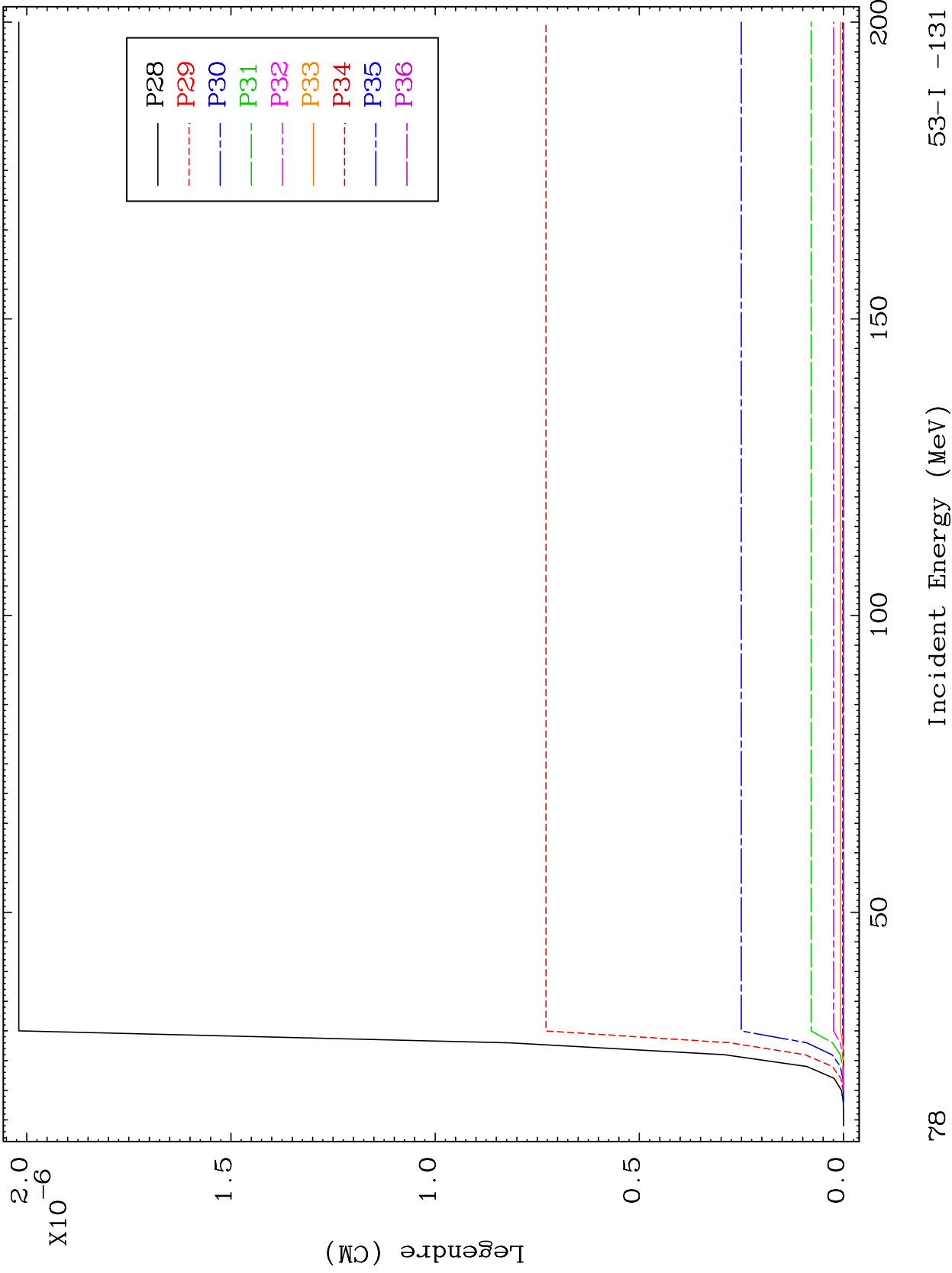




MAT 5337

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

53-I -131



78

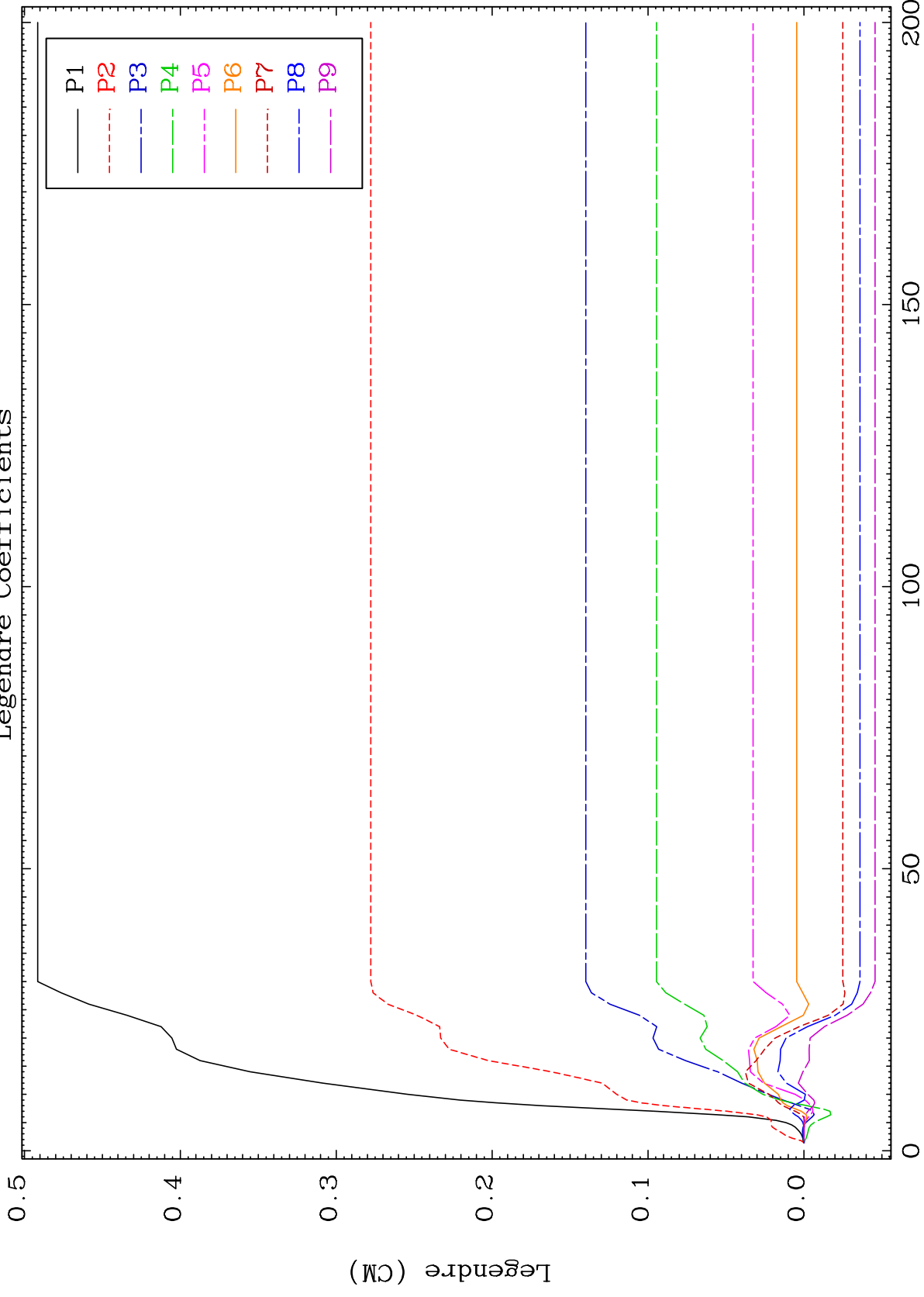
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



79

Incident Energy (MeV)

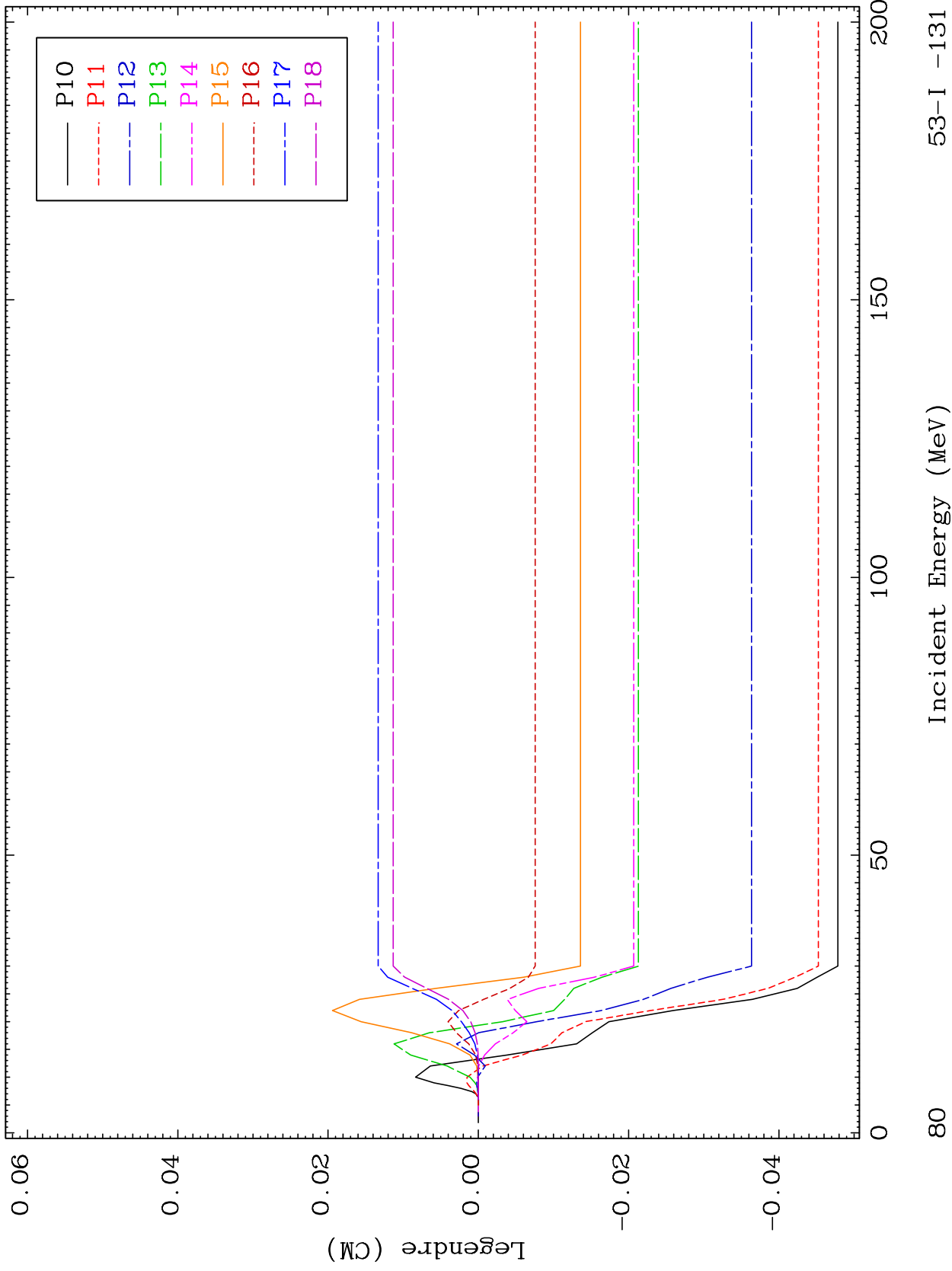
53-I -131

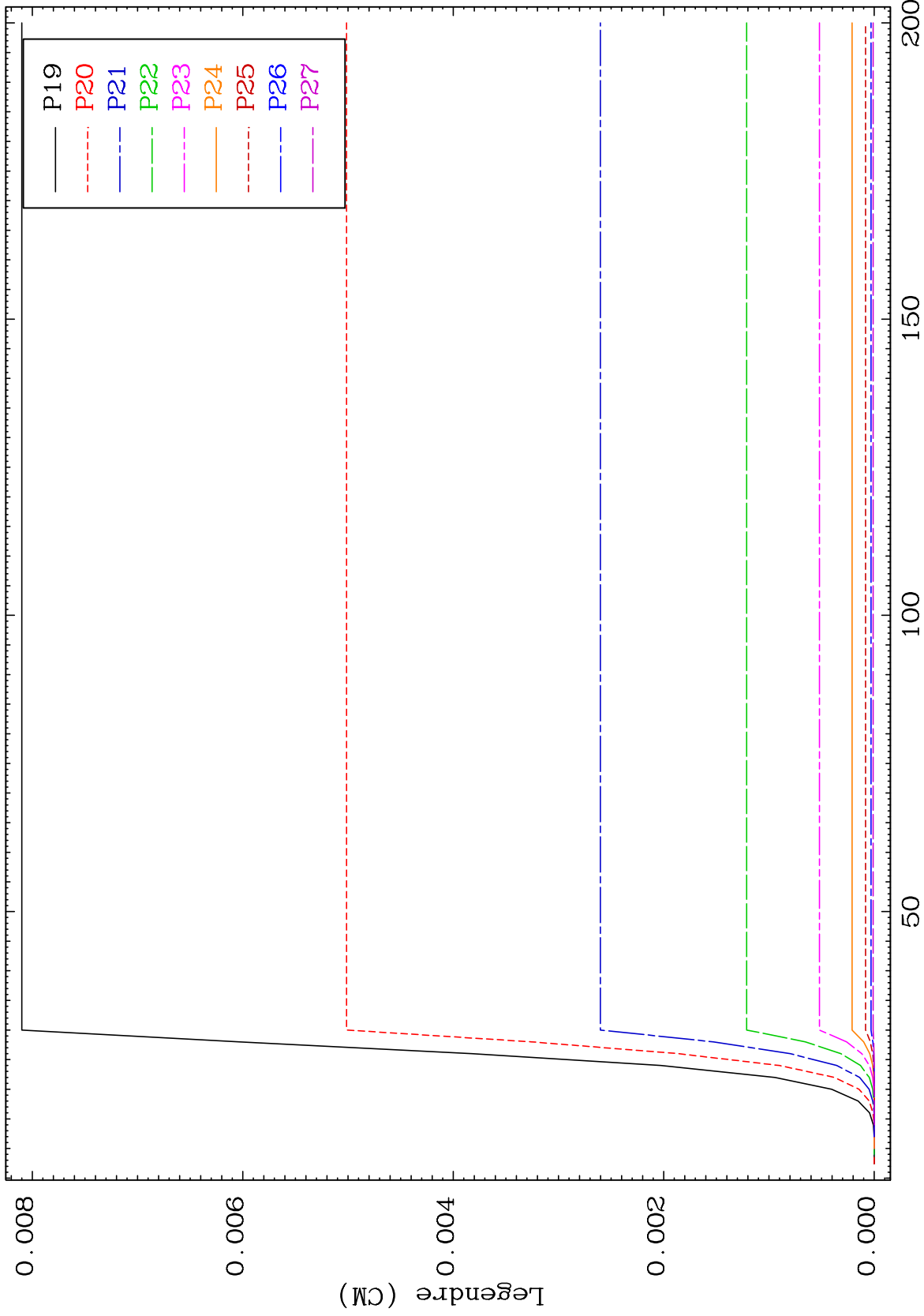


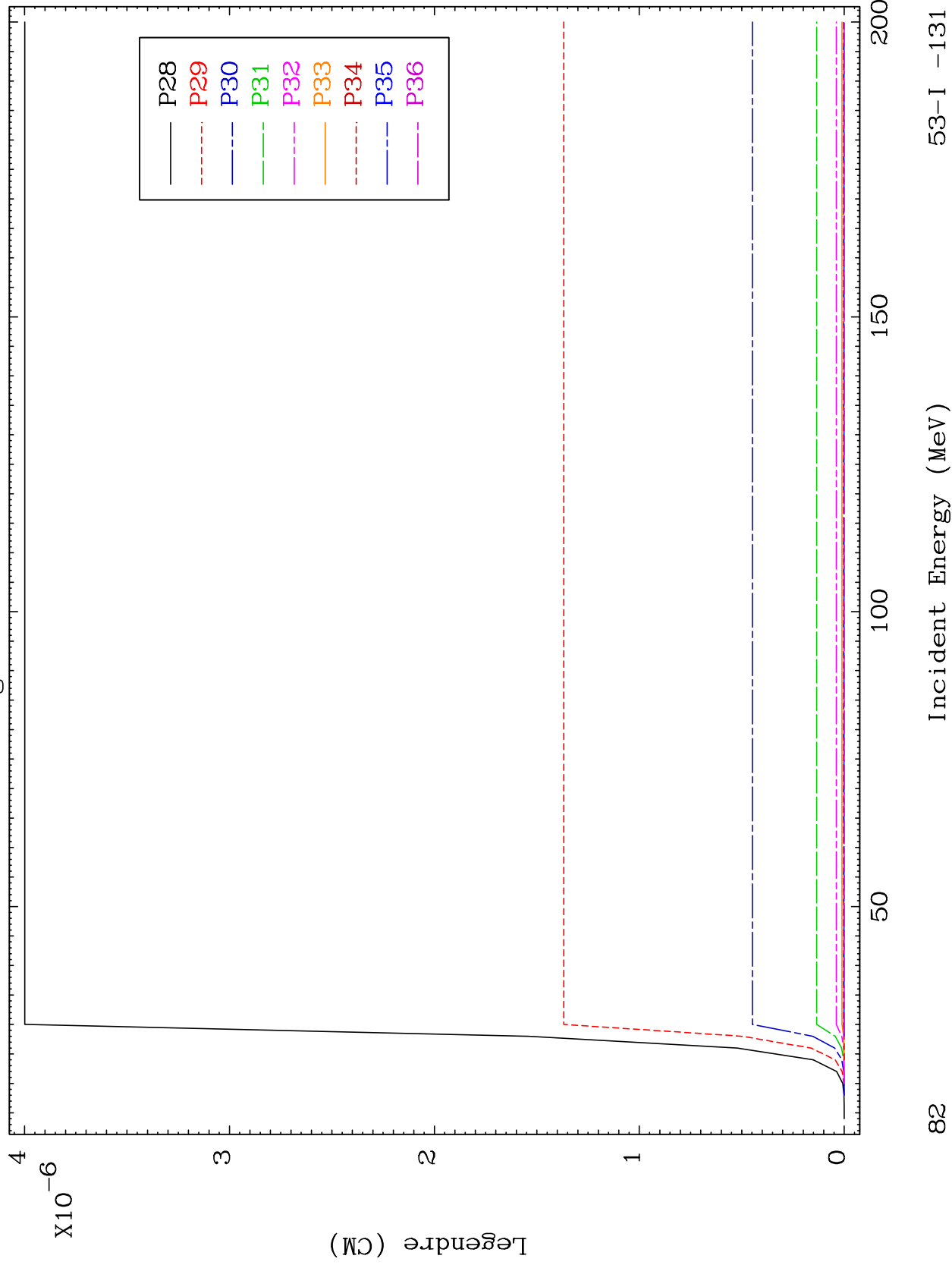
MAT 5337

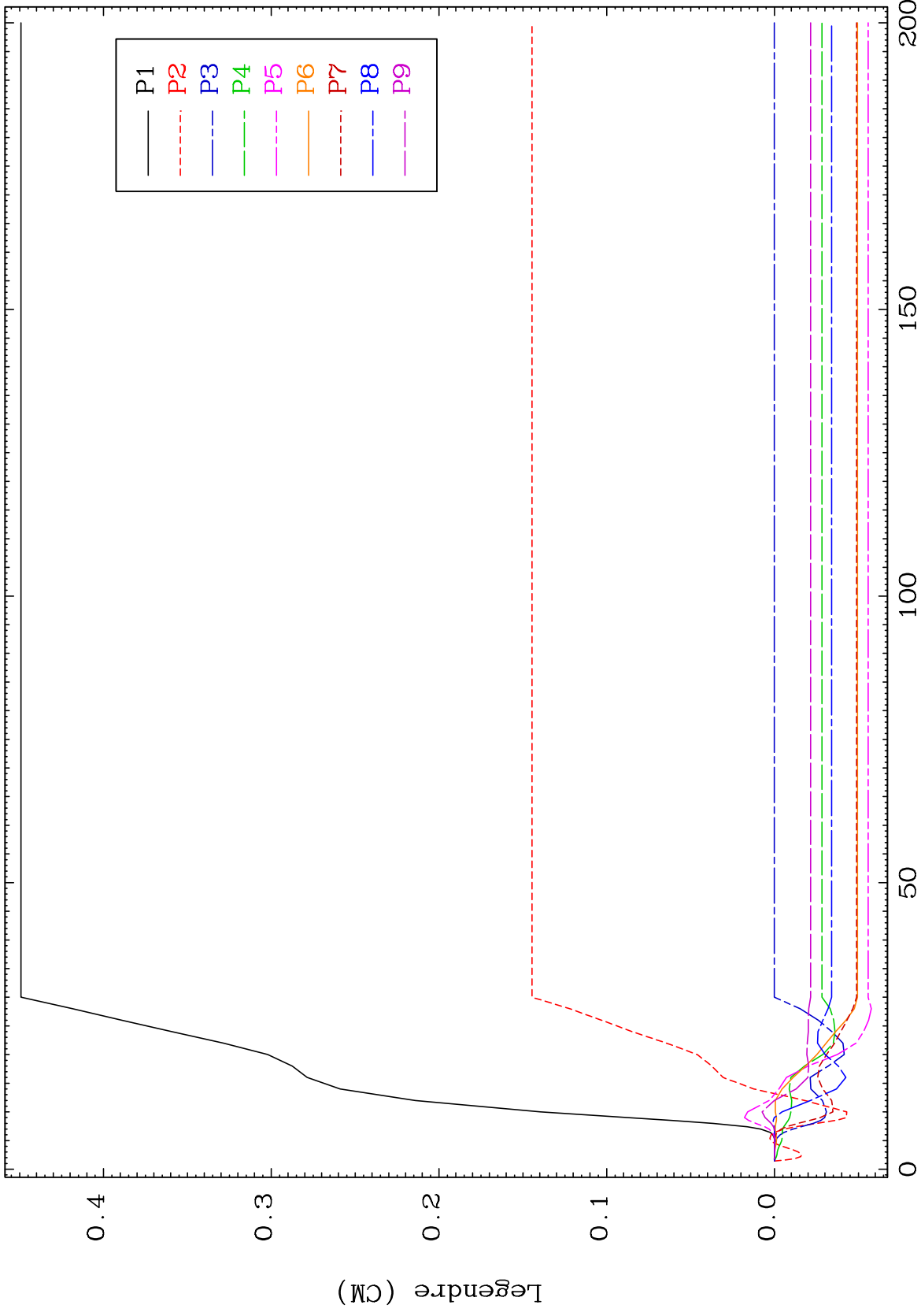
MT= 66 (n,n') Level  
Legendre Coefficients

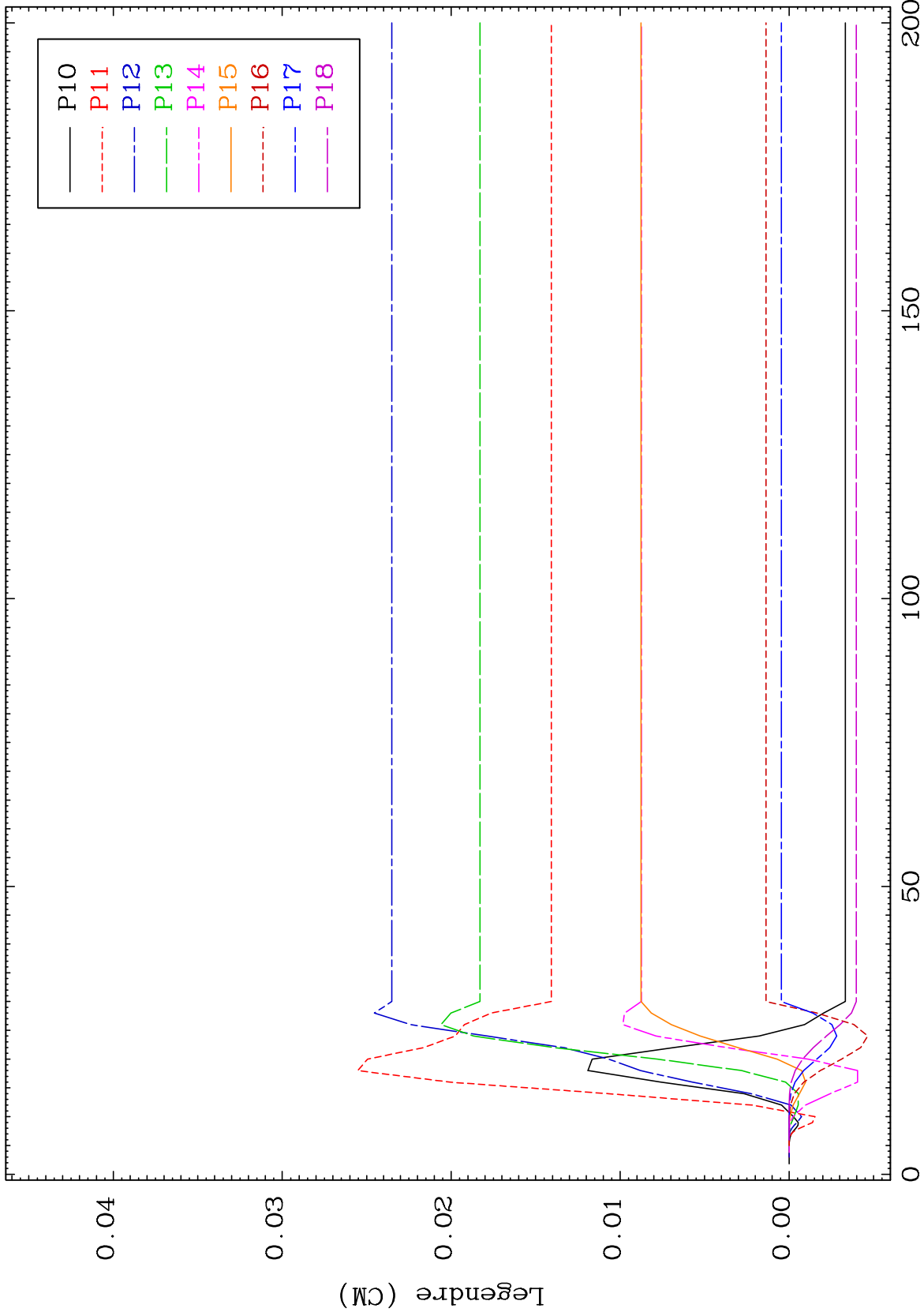
53-I -131

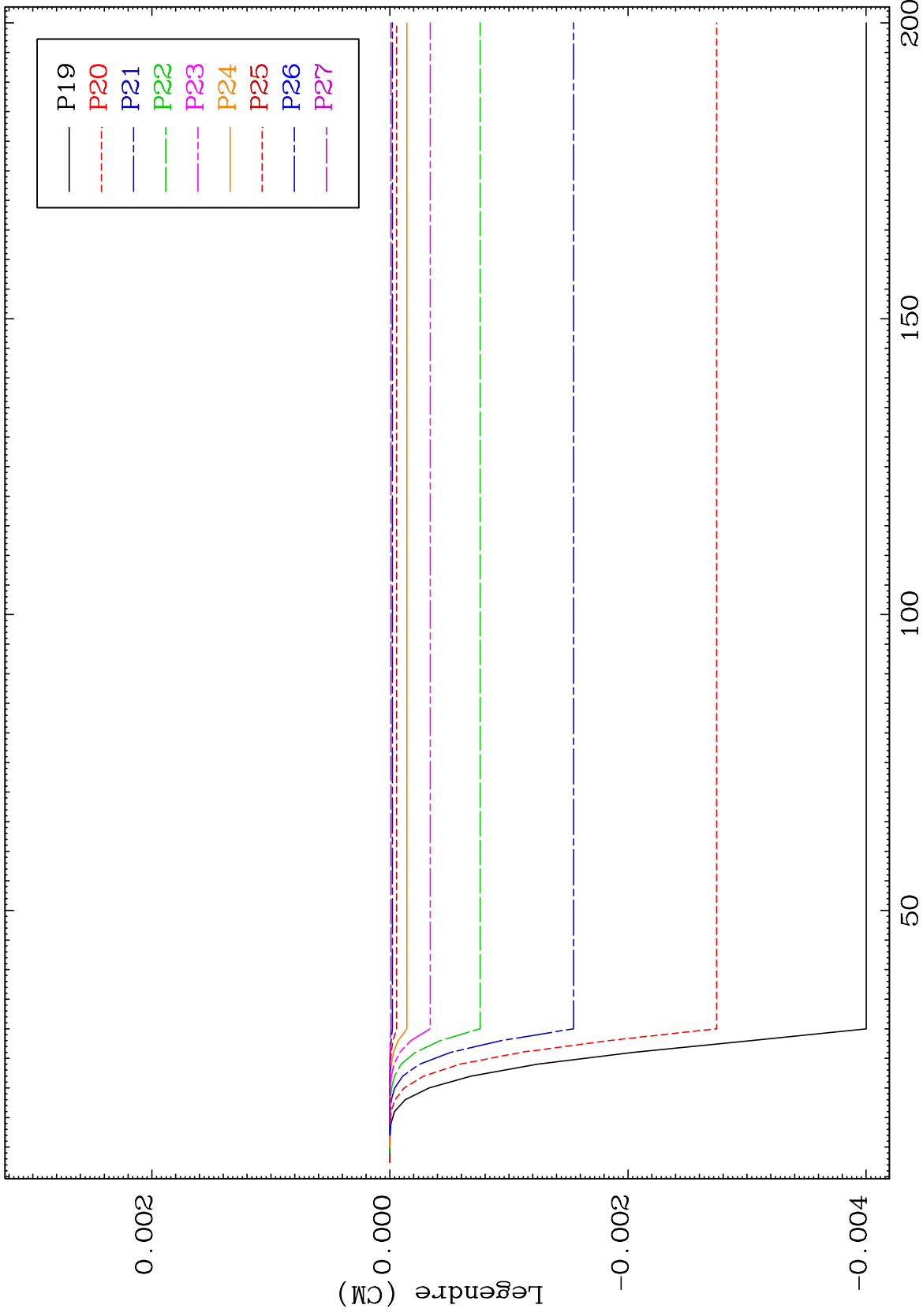








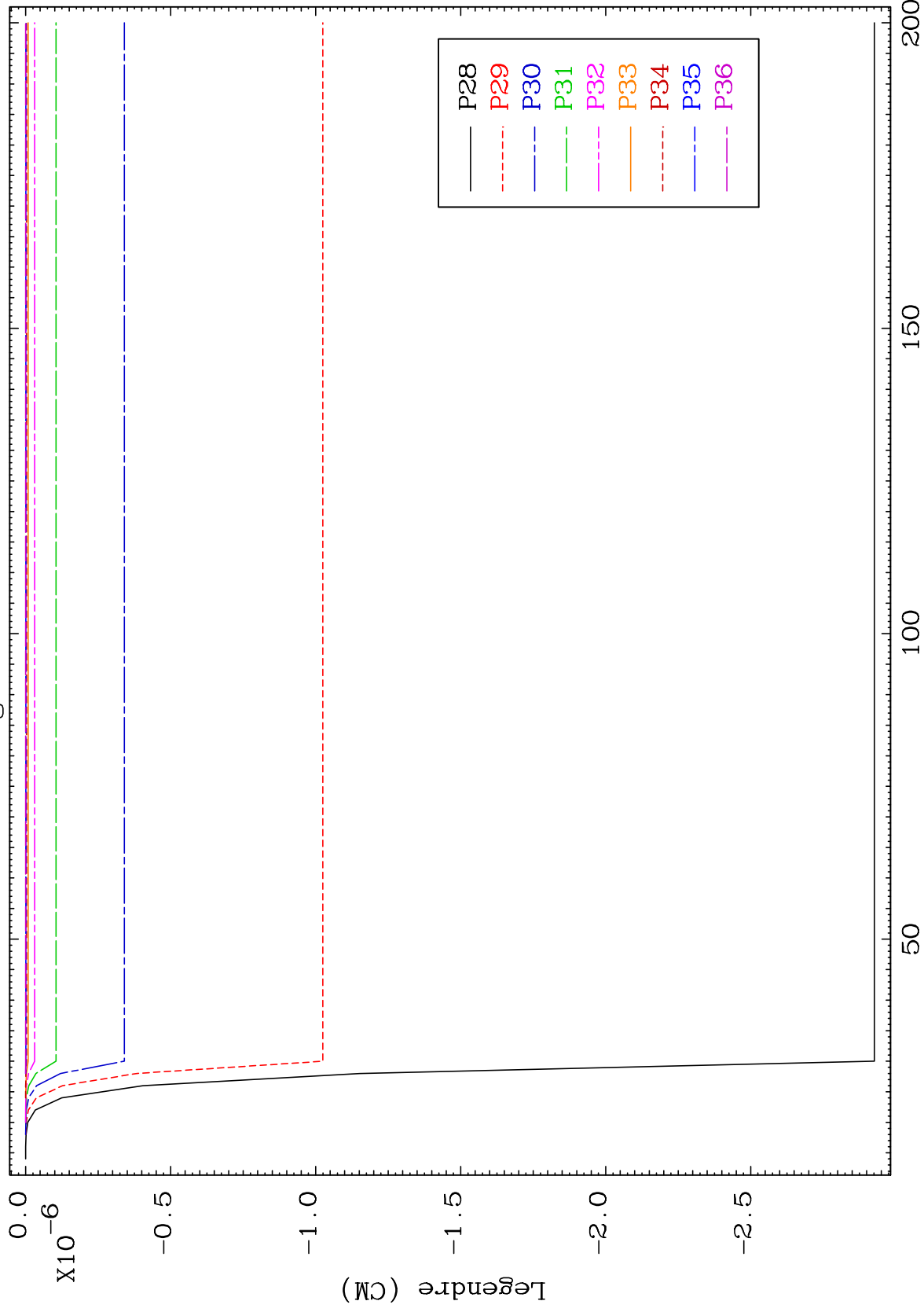




MAT 5337

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

53-I -131



86

Incident Energy (MeV)

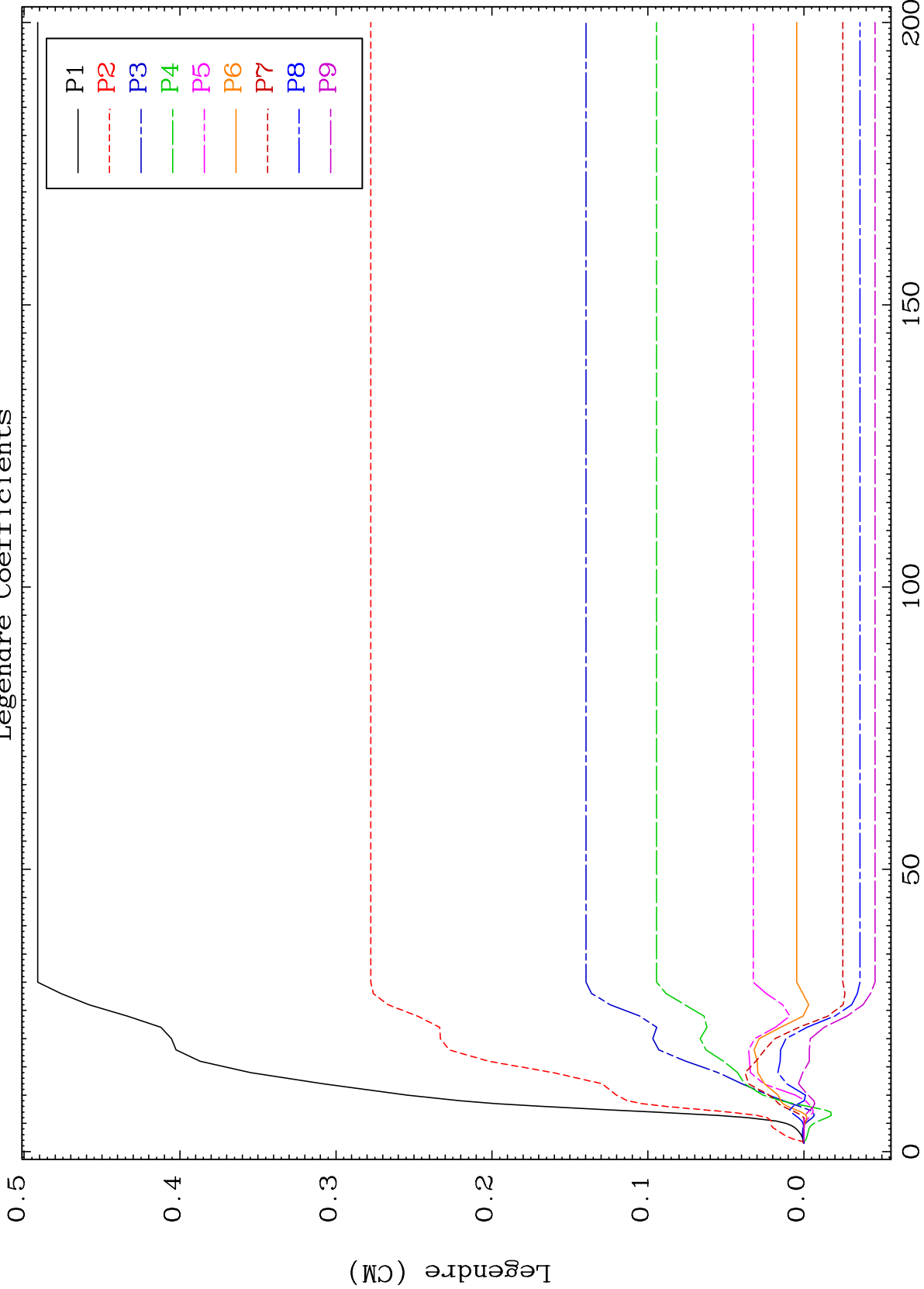
53-I -131

MAT 5337

MT= 68 (n,n') Level

53-I -131

Legendre Coefficients



87

Incident Energy (MeV)

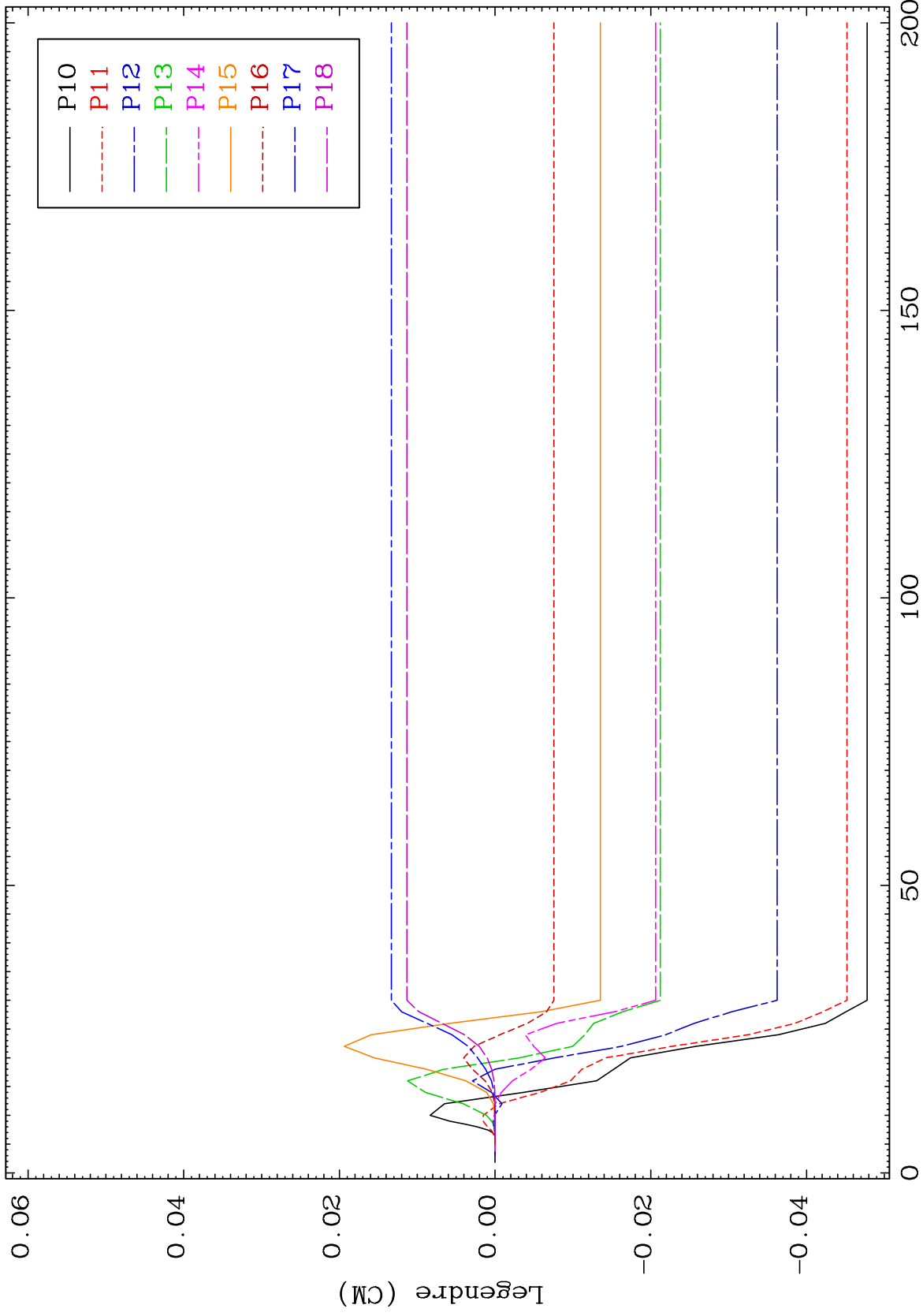
53-I -131



MAT 5337

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

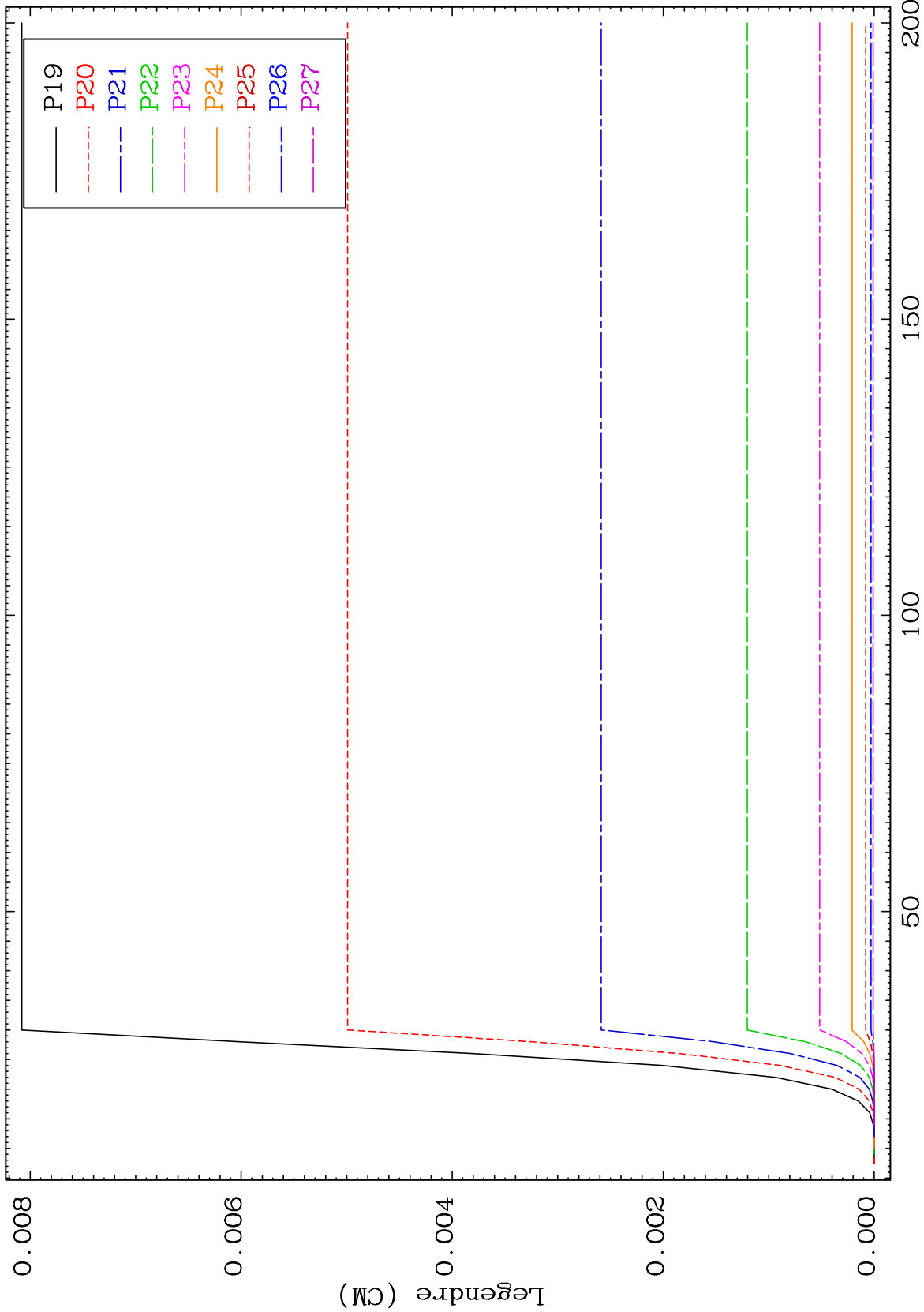
53-I -131



88

Incident Energy (MeV)

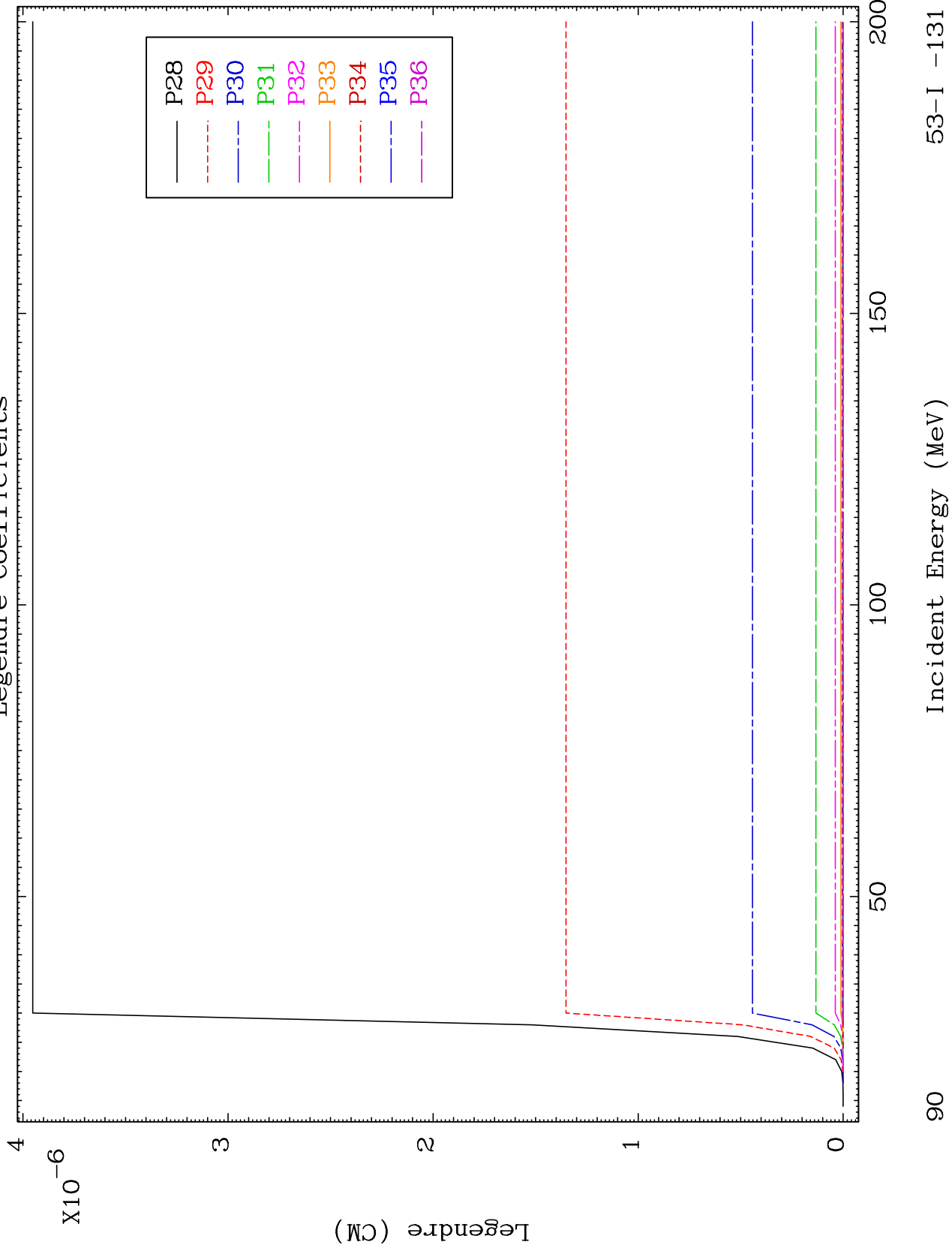
53-I -131



MAT 5337

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

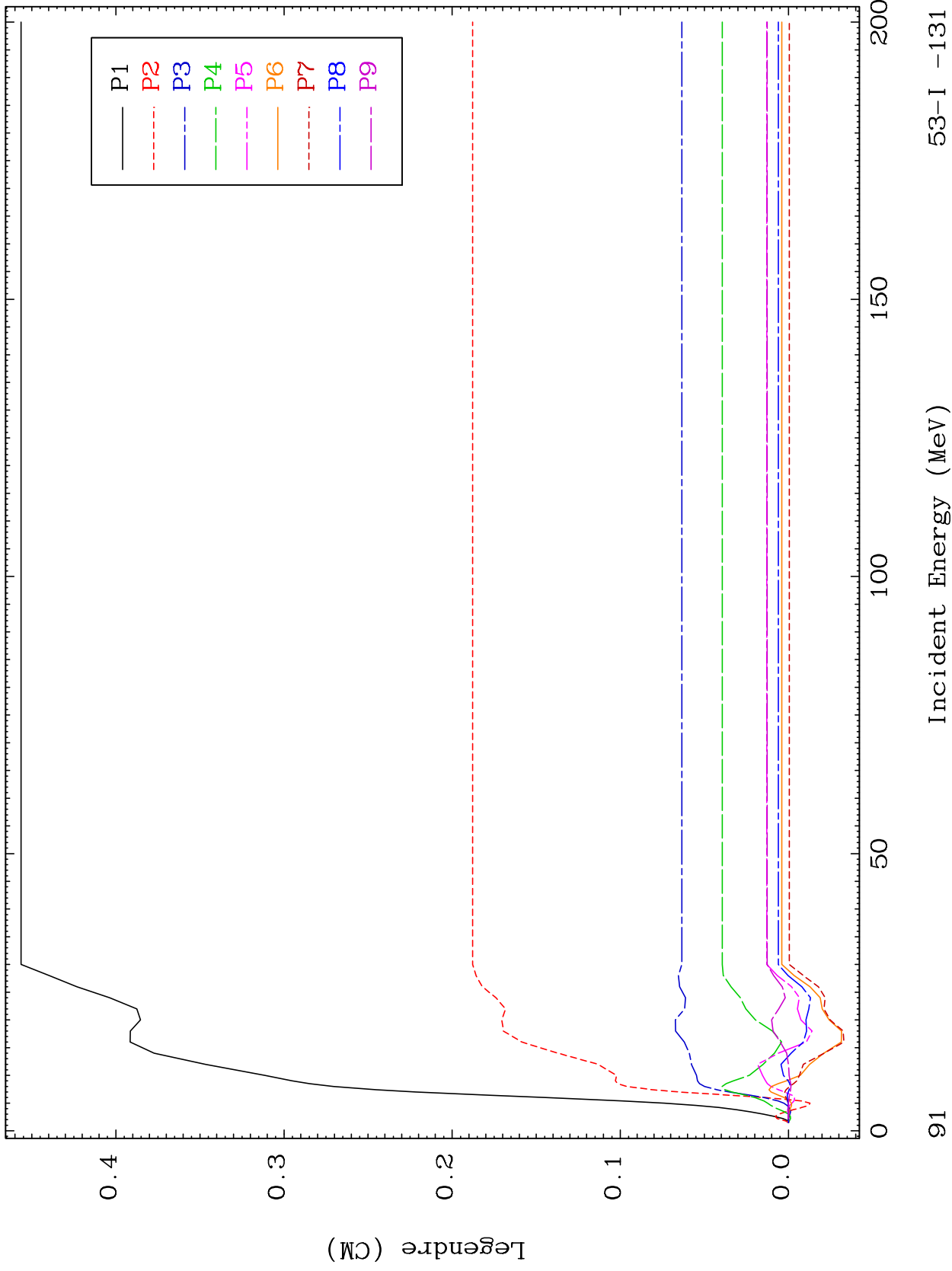
53-I -131



MAT 5337

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

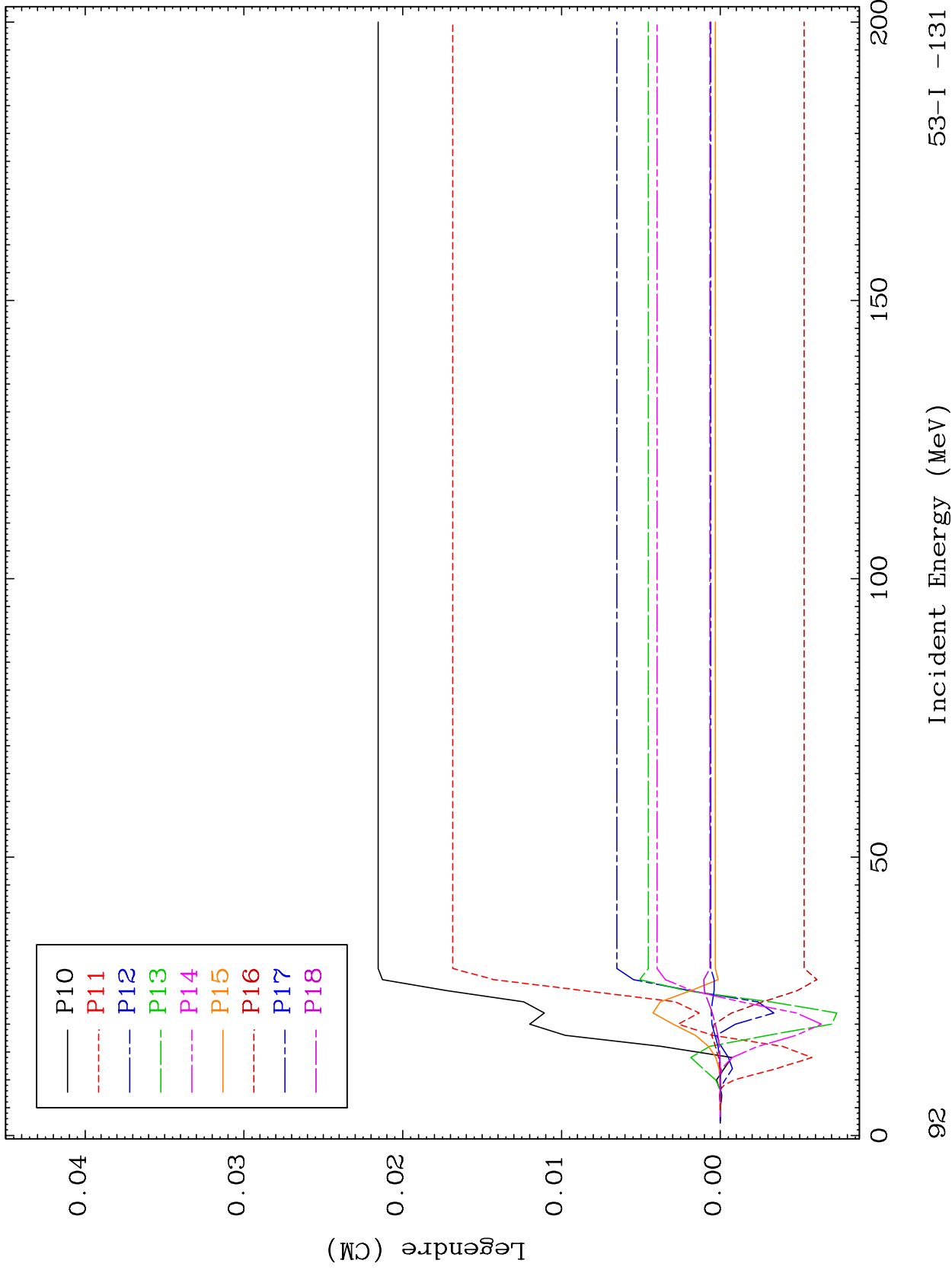
53-I -131

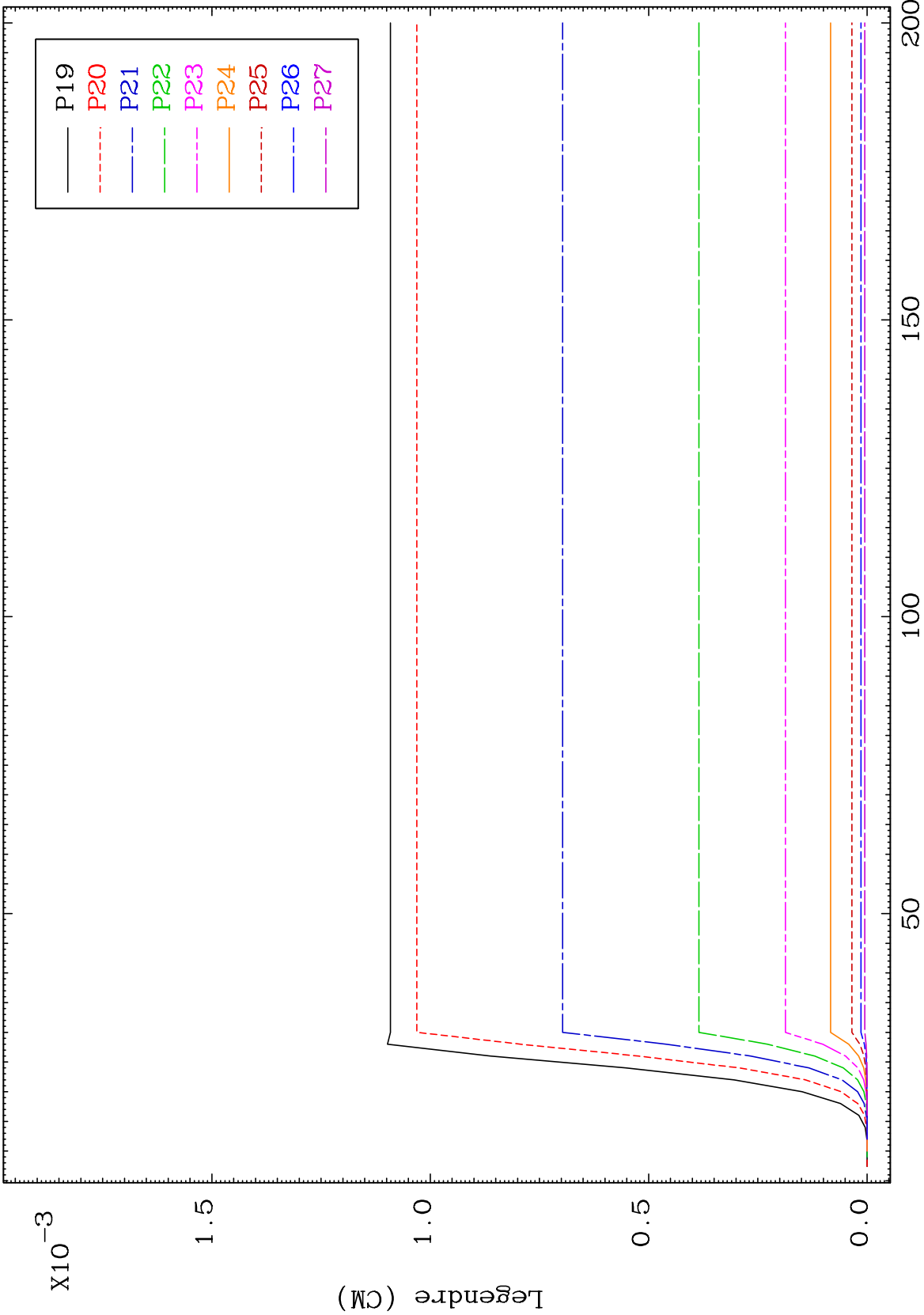


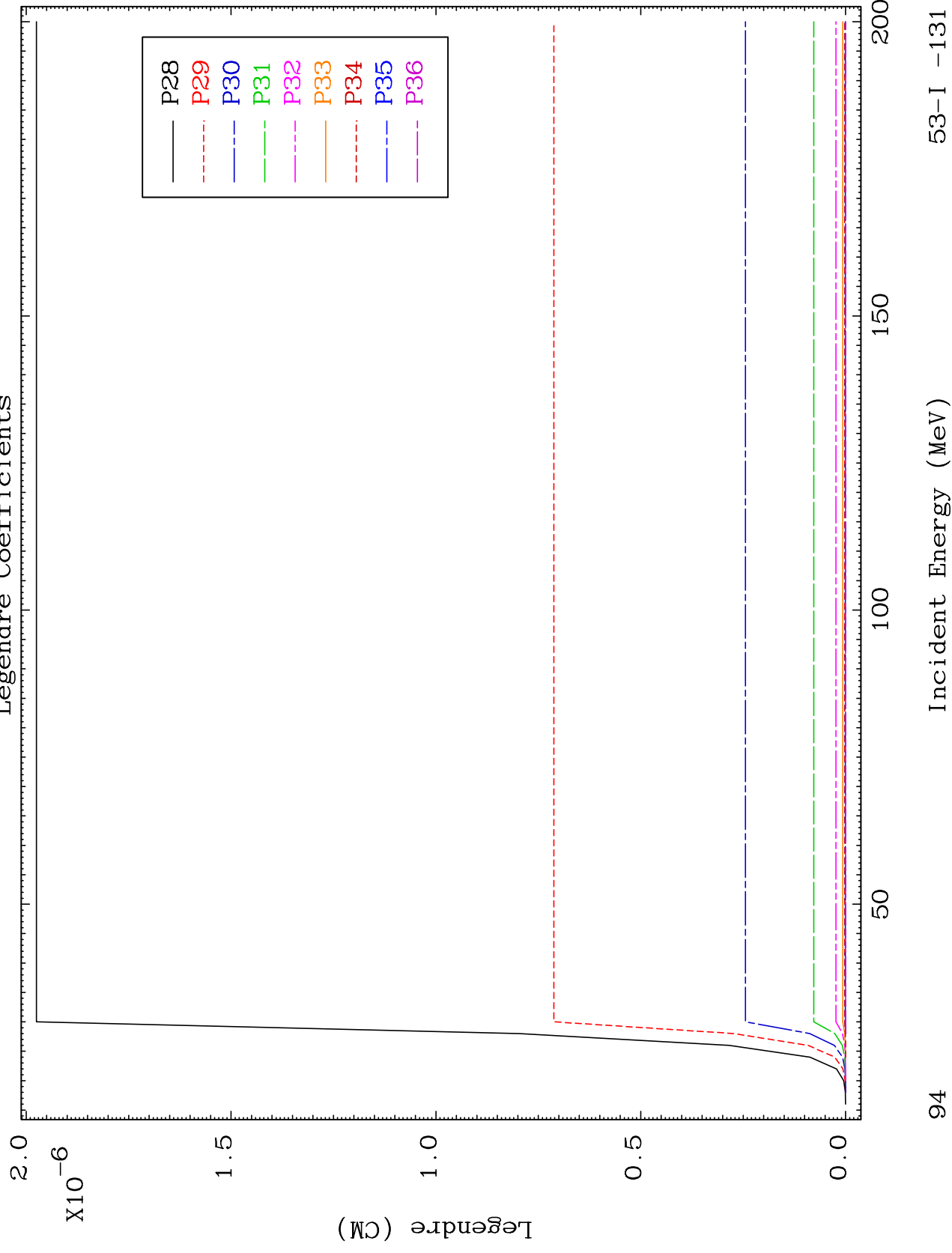
53-I -131

Incident Energy (MeV)

91



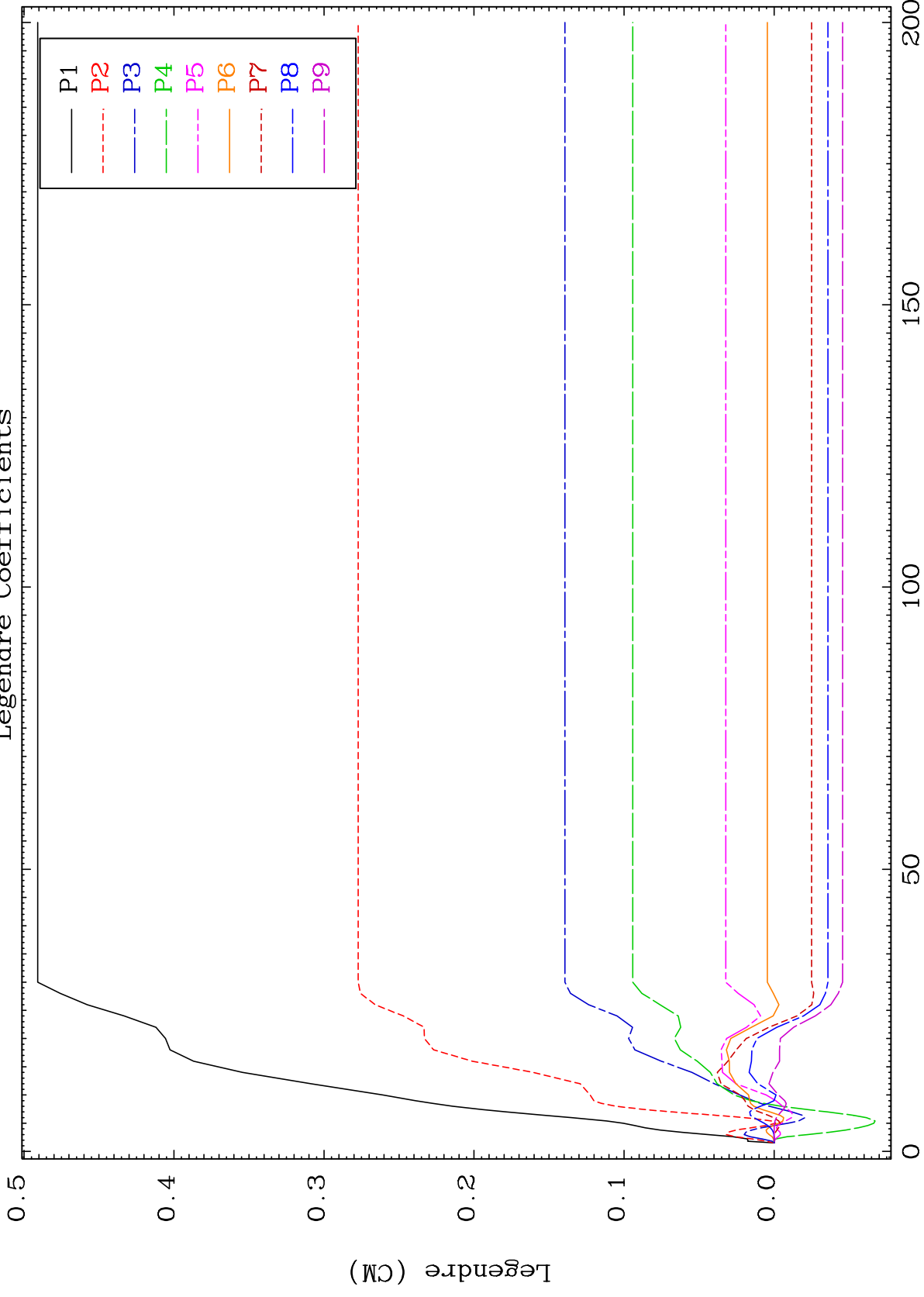




MAT 5337

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

53-I -131



53-I -131

Incident Energy (MeV)

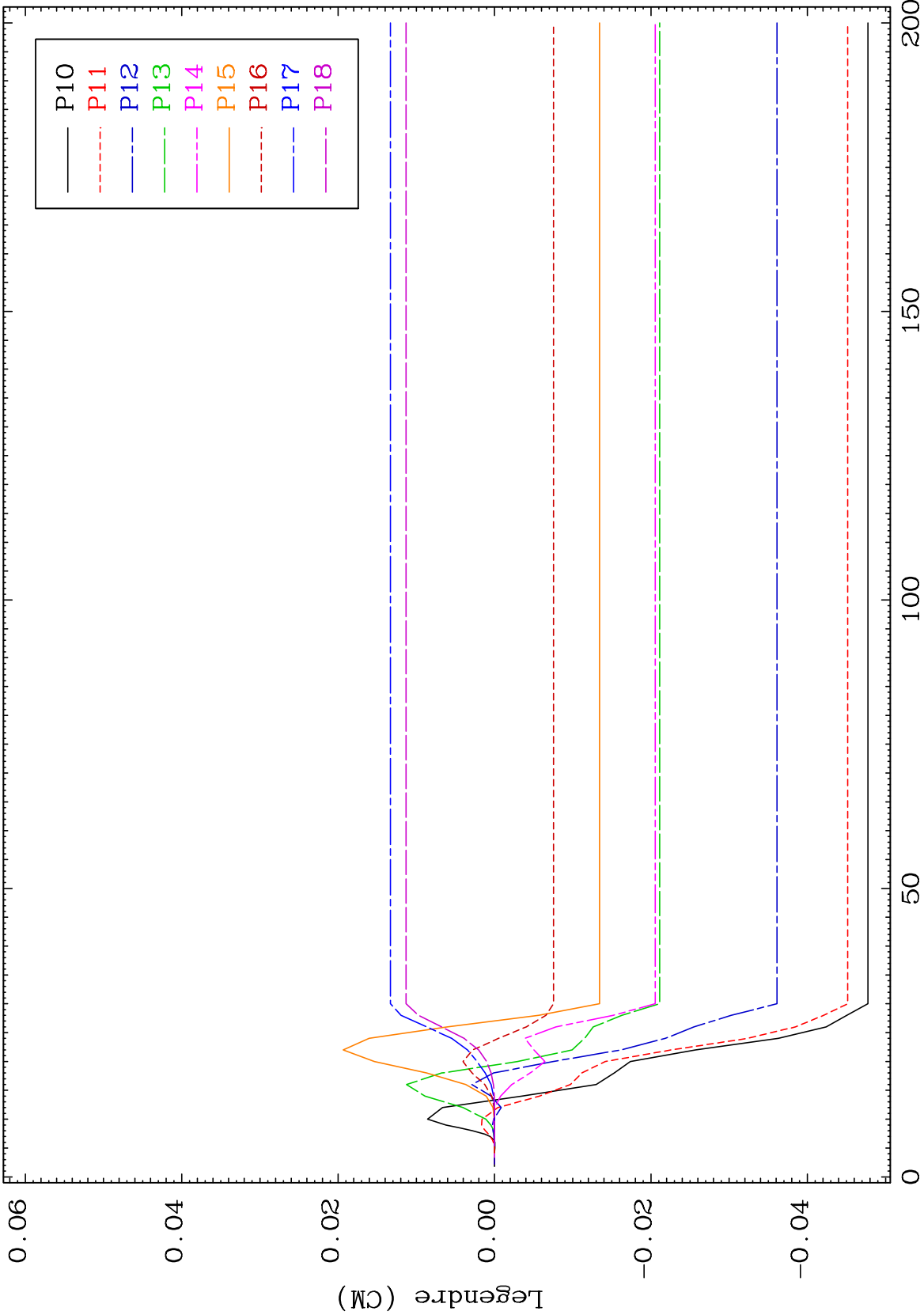
95



MAT 5337

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

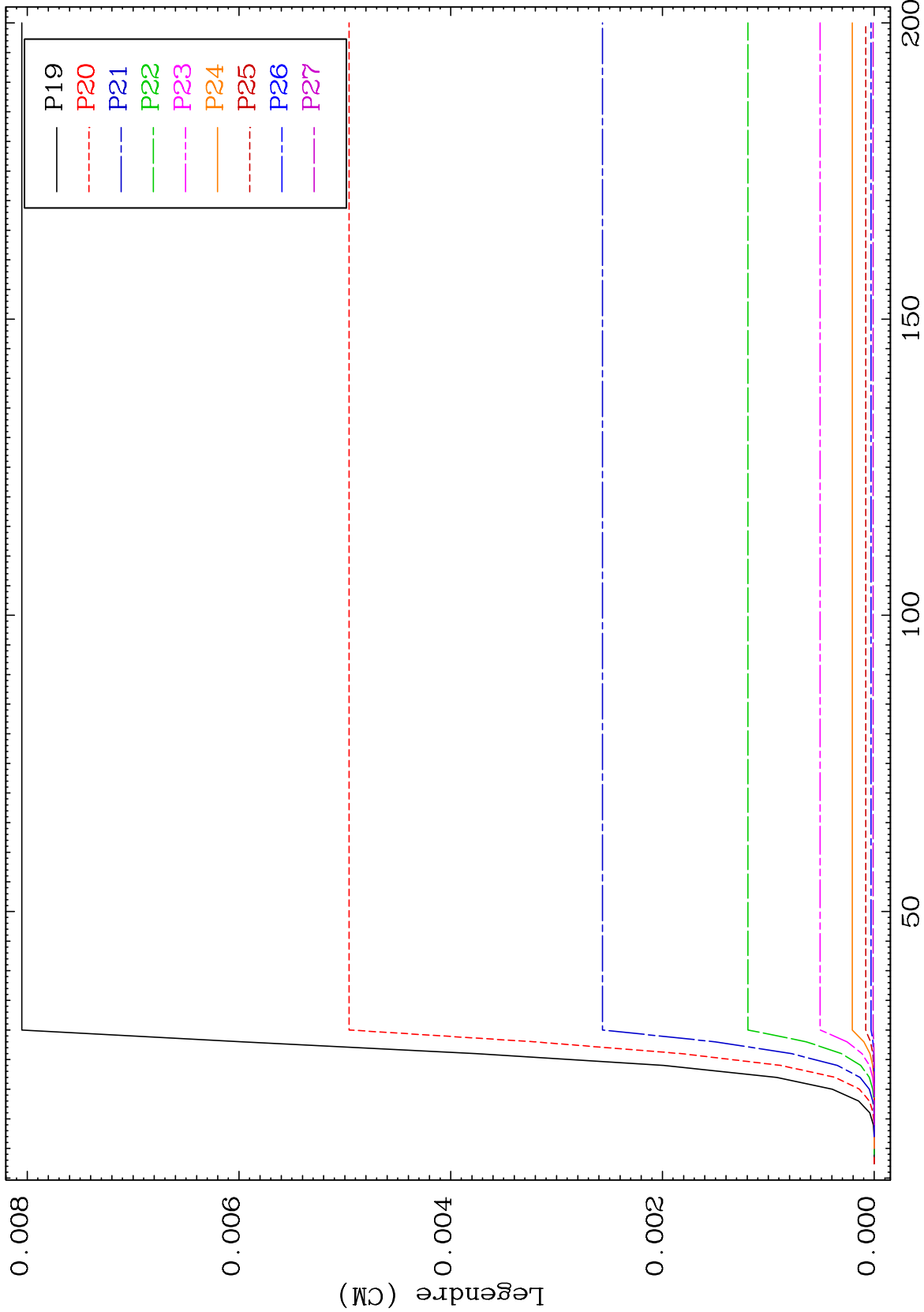
53-I -131



96

Incident Energy (MeV)

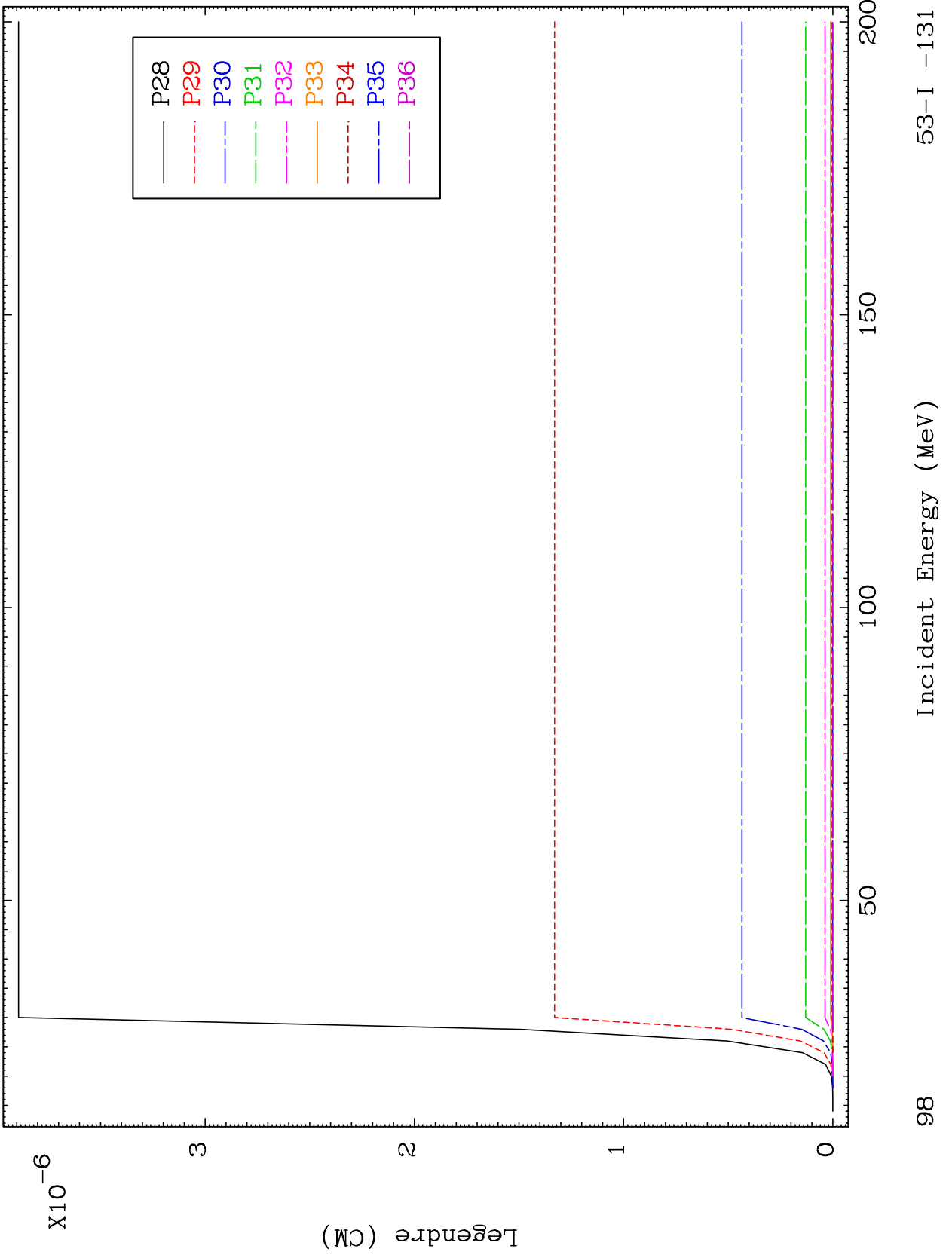
53-I -131



MAT 5337

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

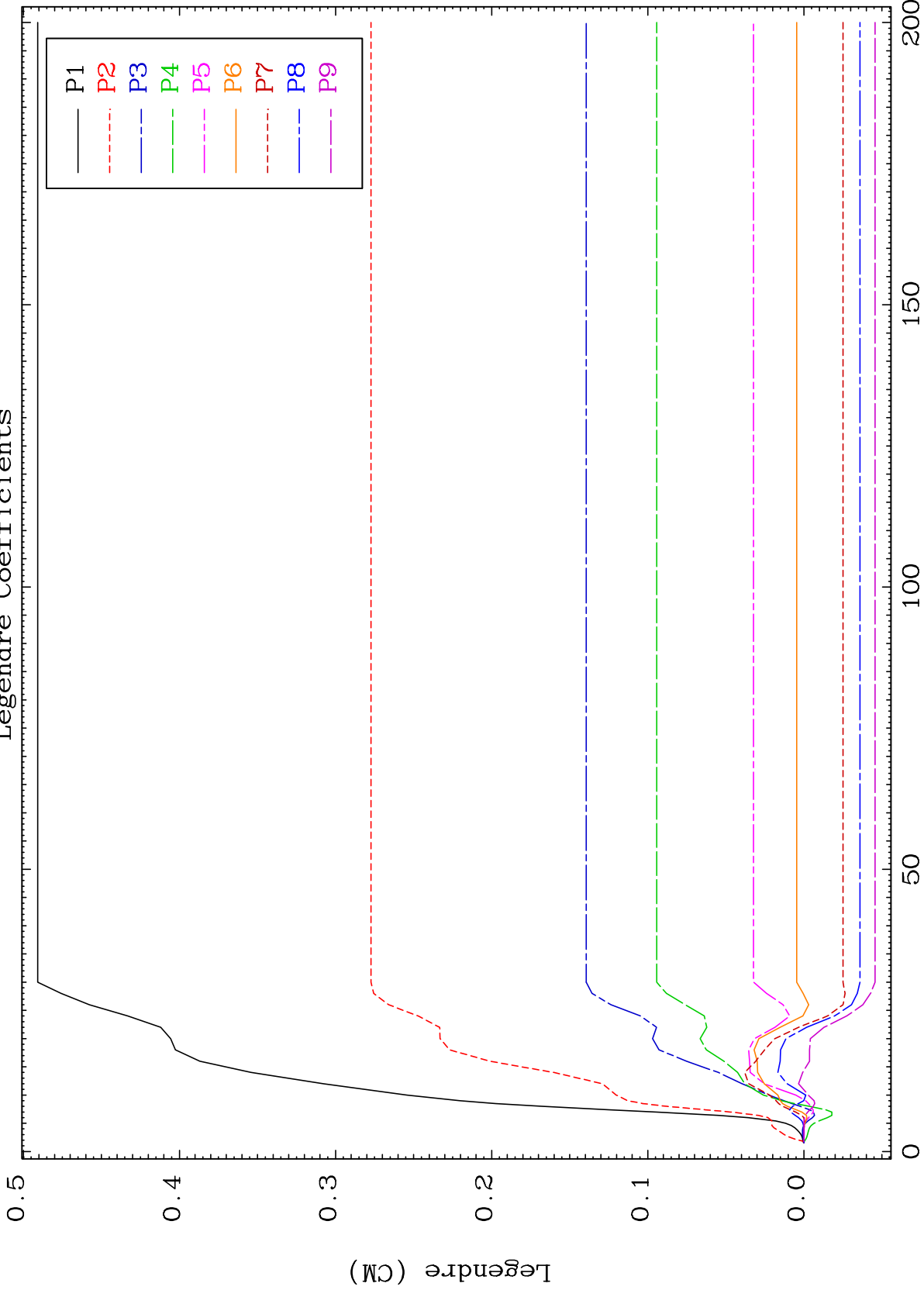
53-I -131



MAT 5337

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

53-I -131



99

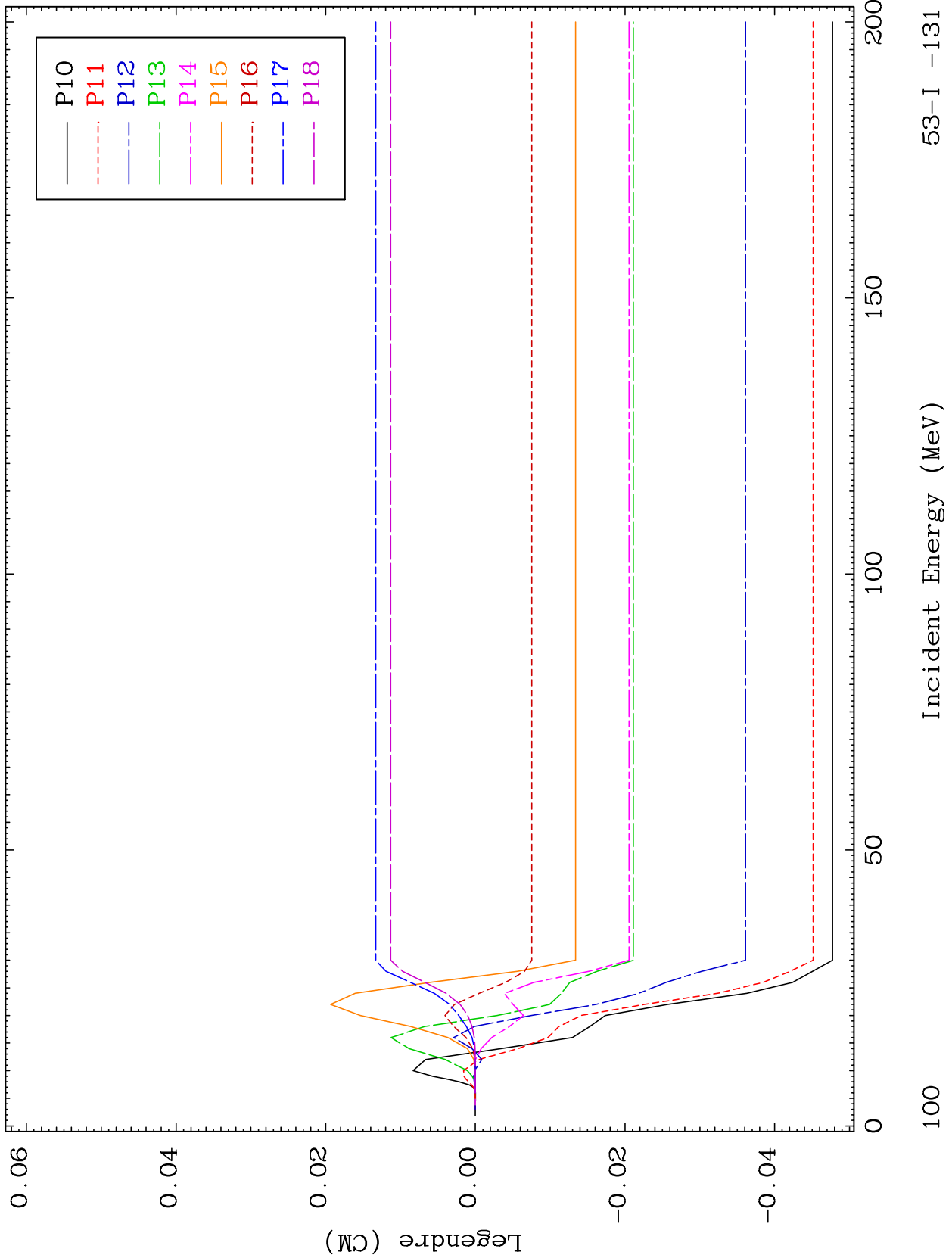
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



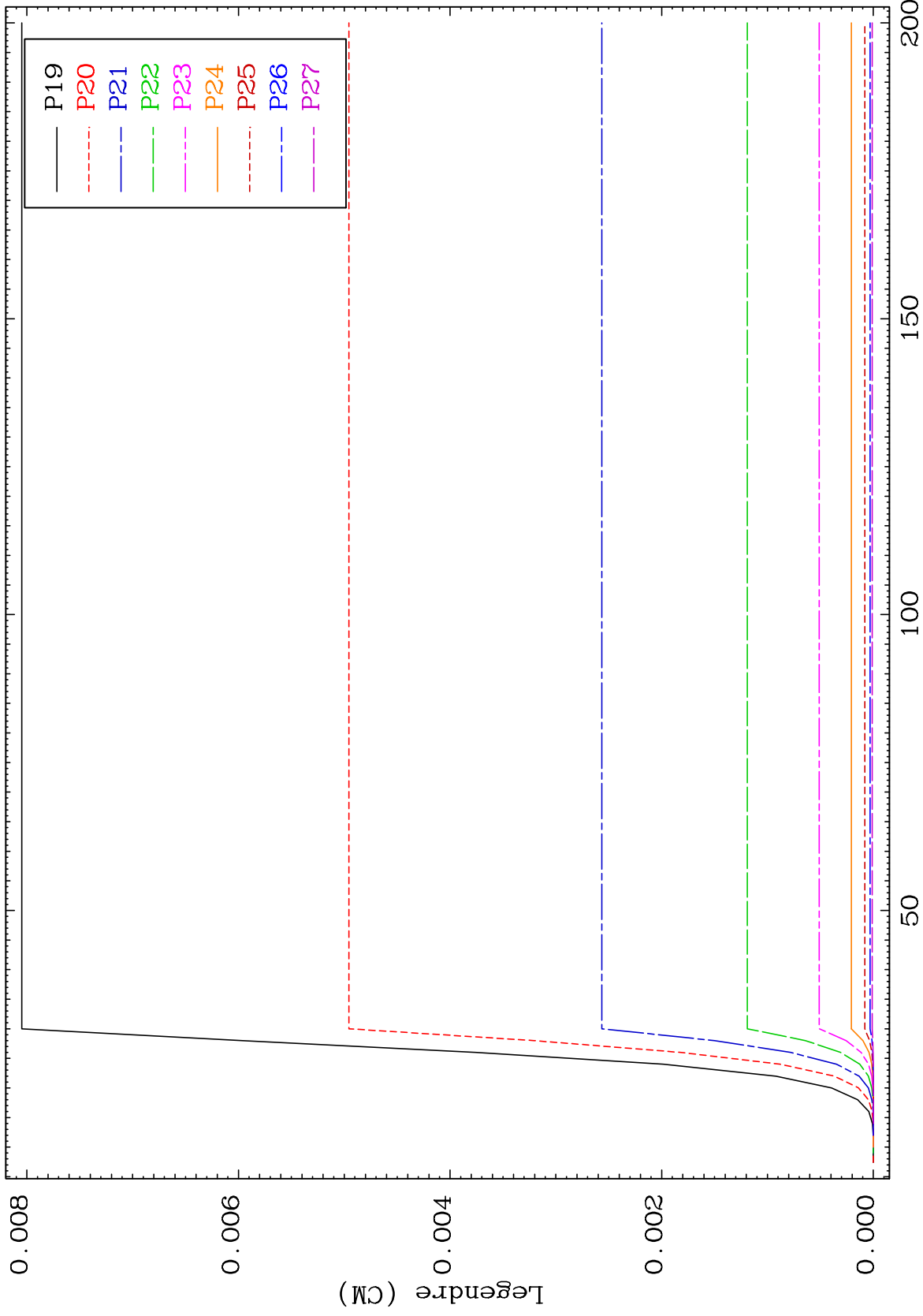
53-I -131

Incident Energy (MeV)

MAT 5337

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

53-I -131



101

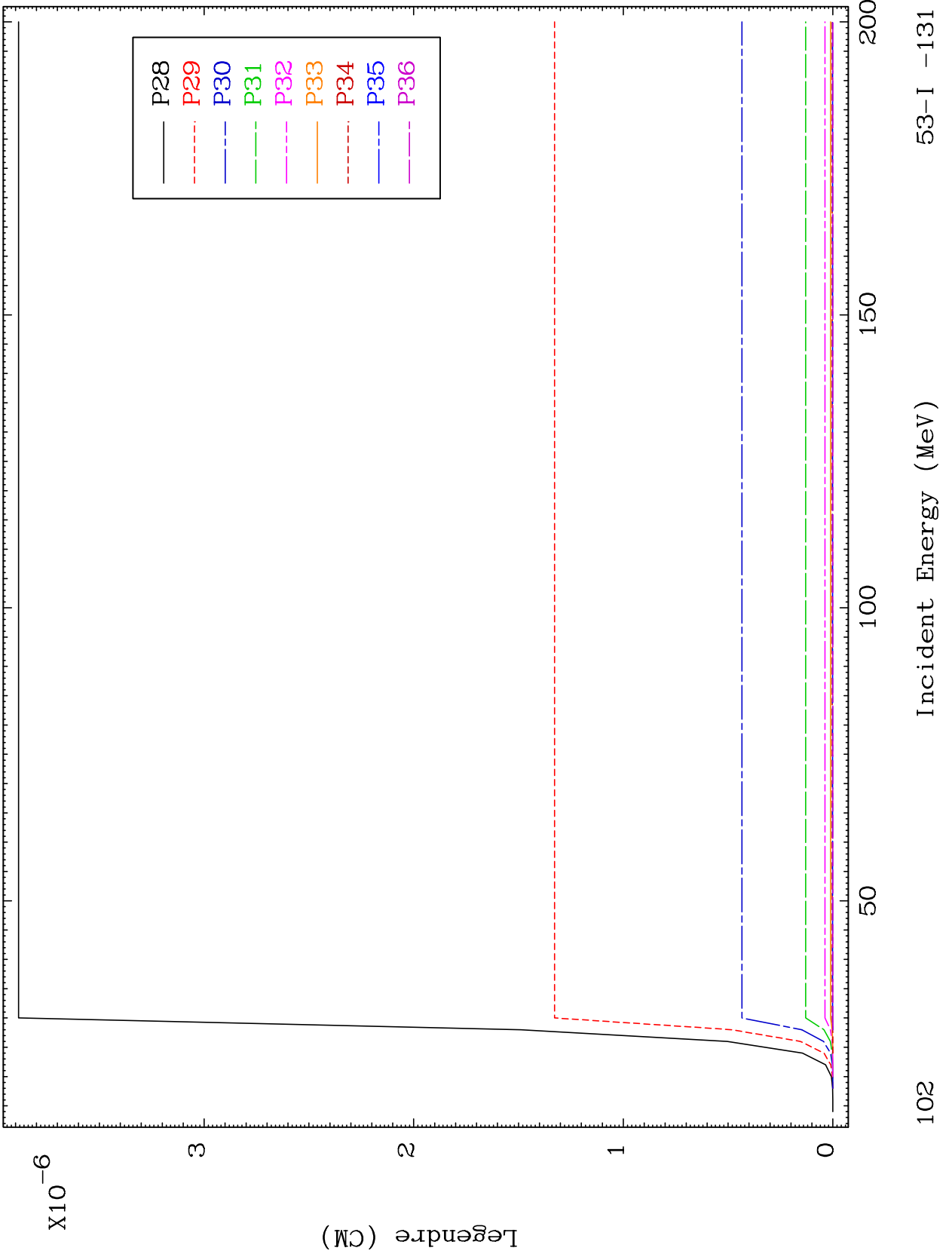
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



102

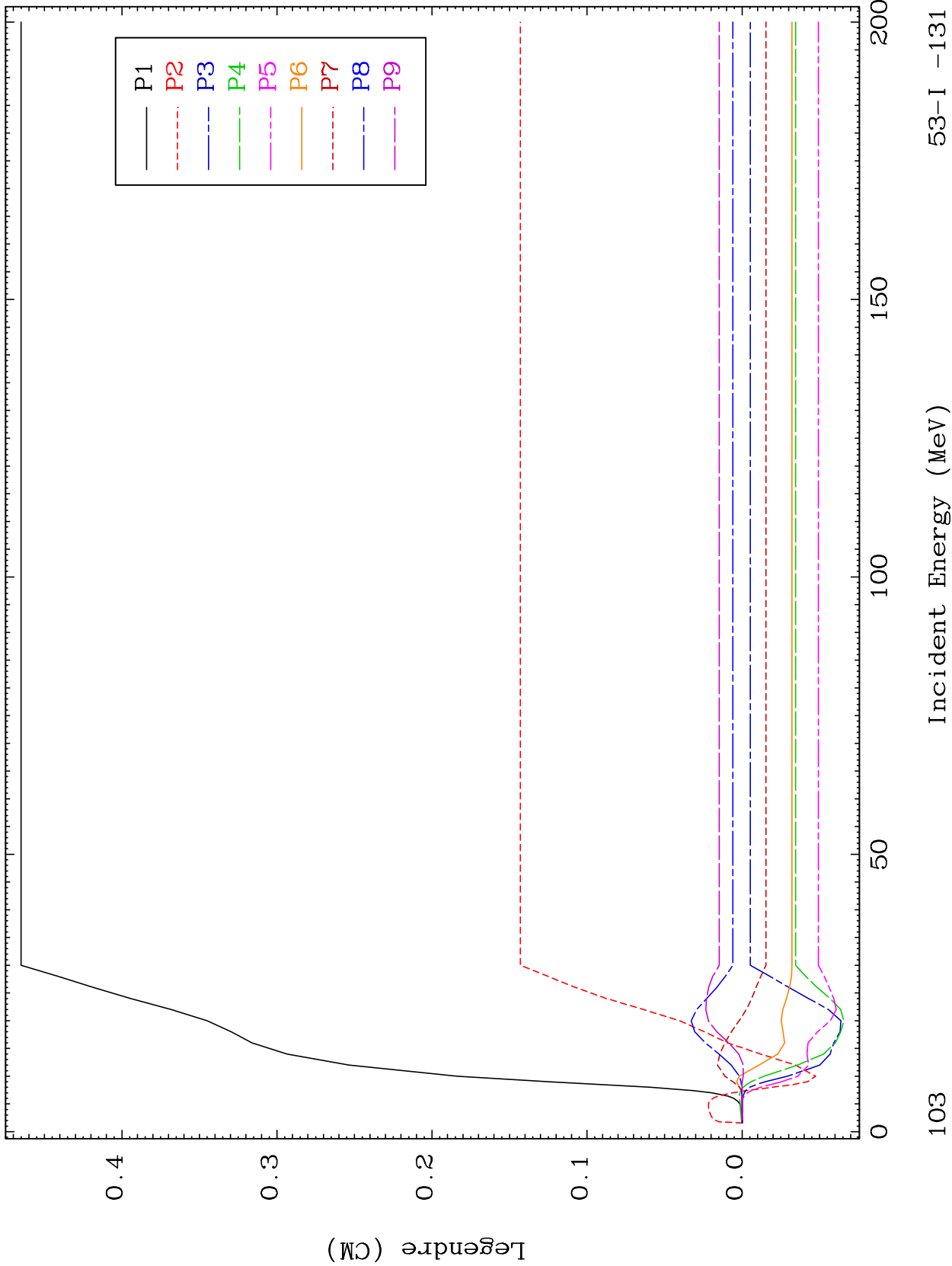
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



103

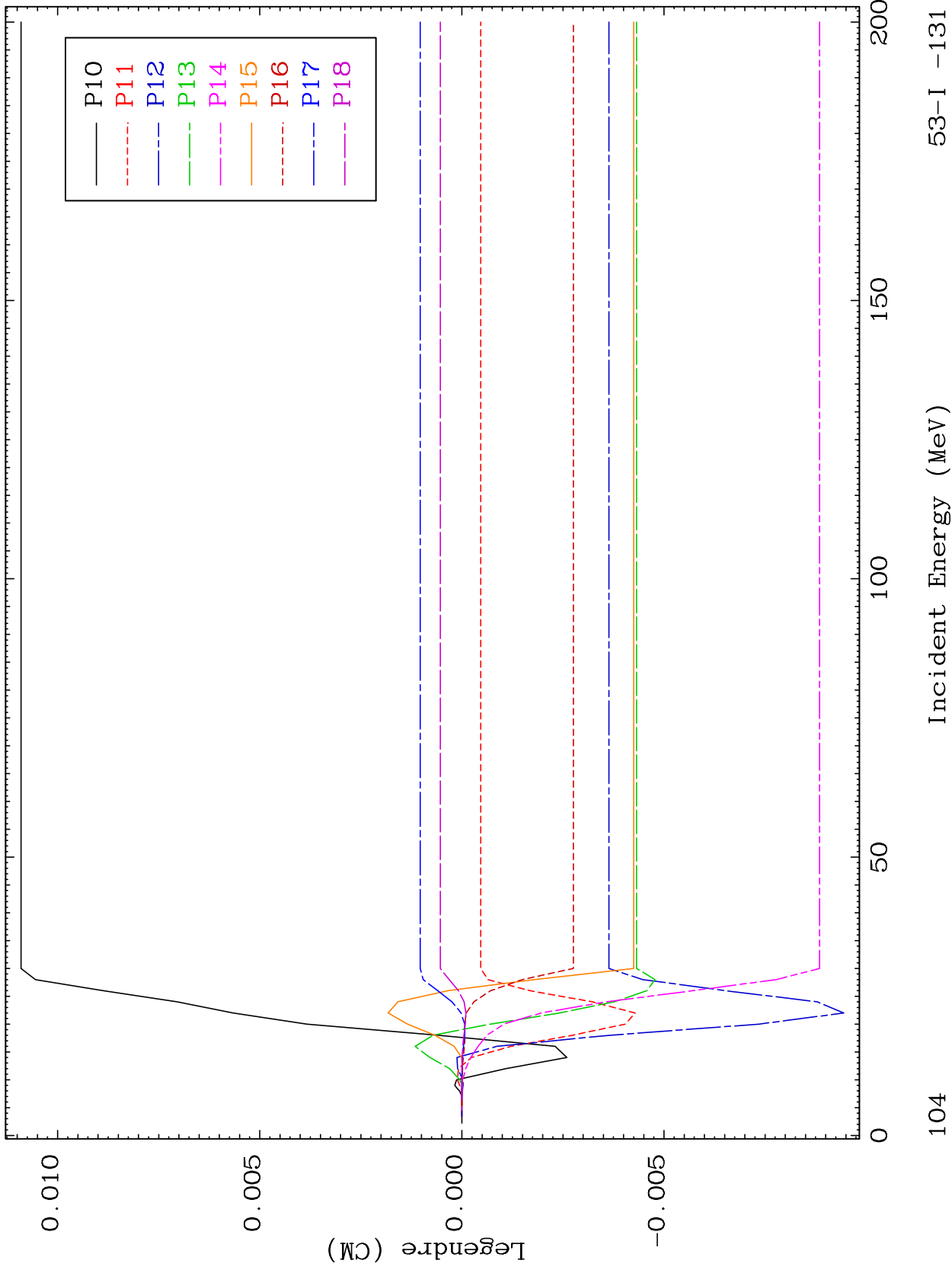
53-I -131



MAT 5337

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

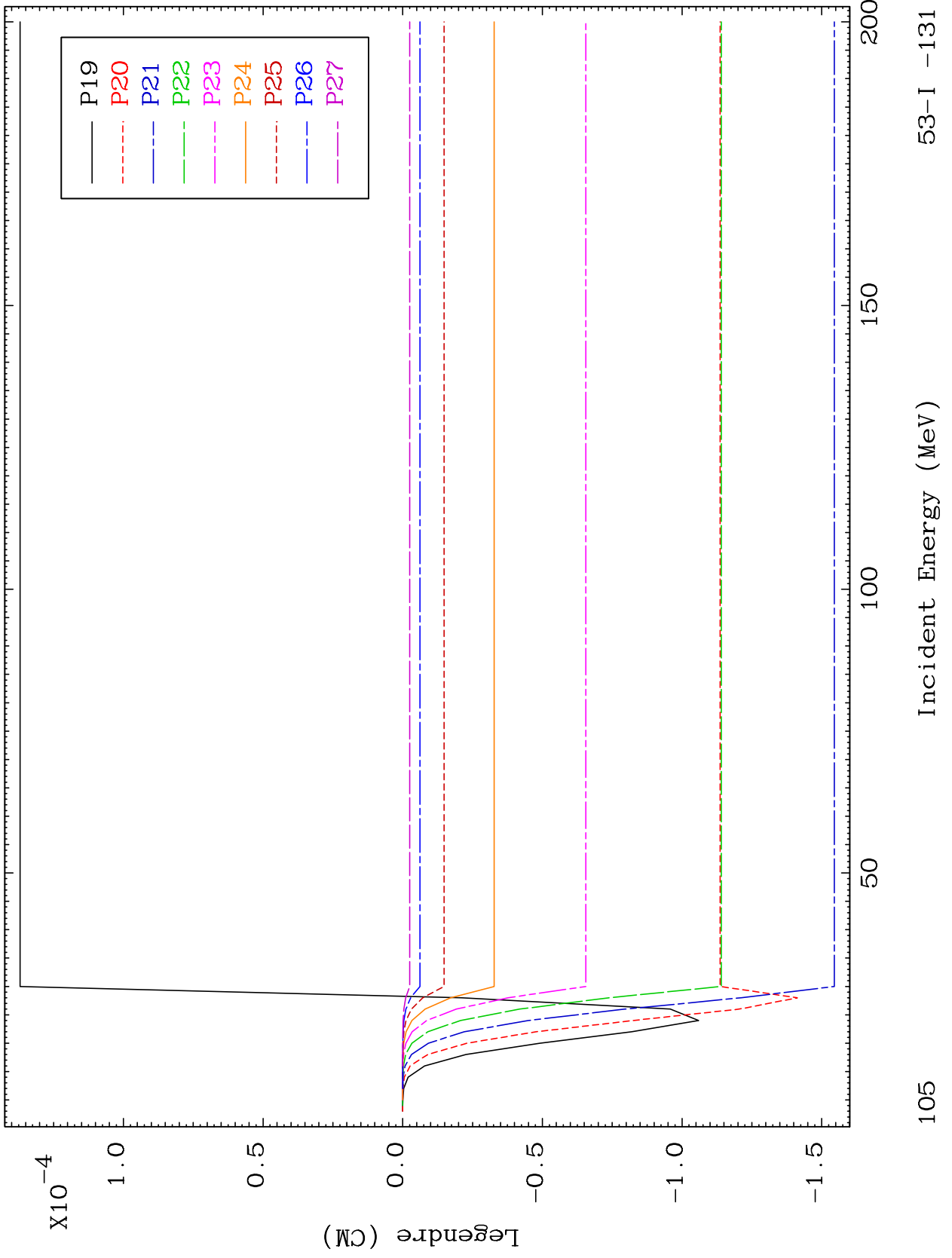
53-I -131



104

Incident Energy (MeV)

53-I -131

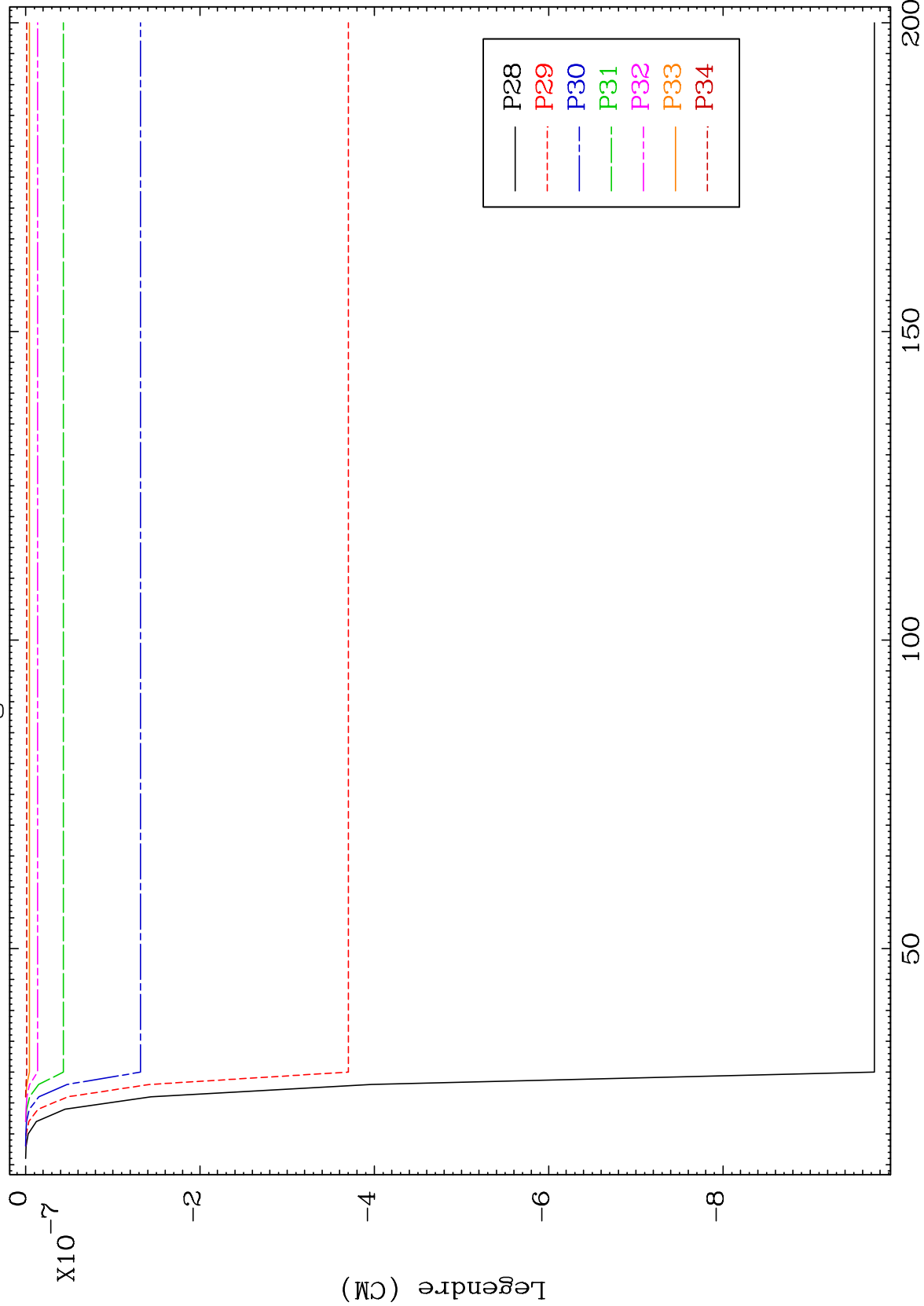


MAT 5337

MT= 72 (n,n') Level

53-I -131

Legendre Coefficients



106

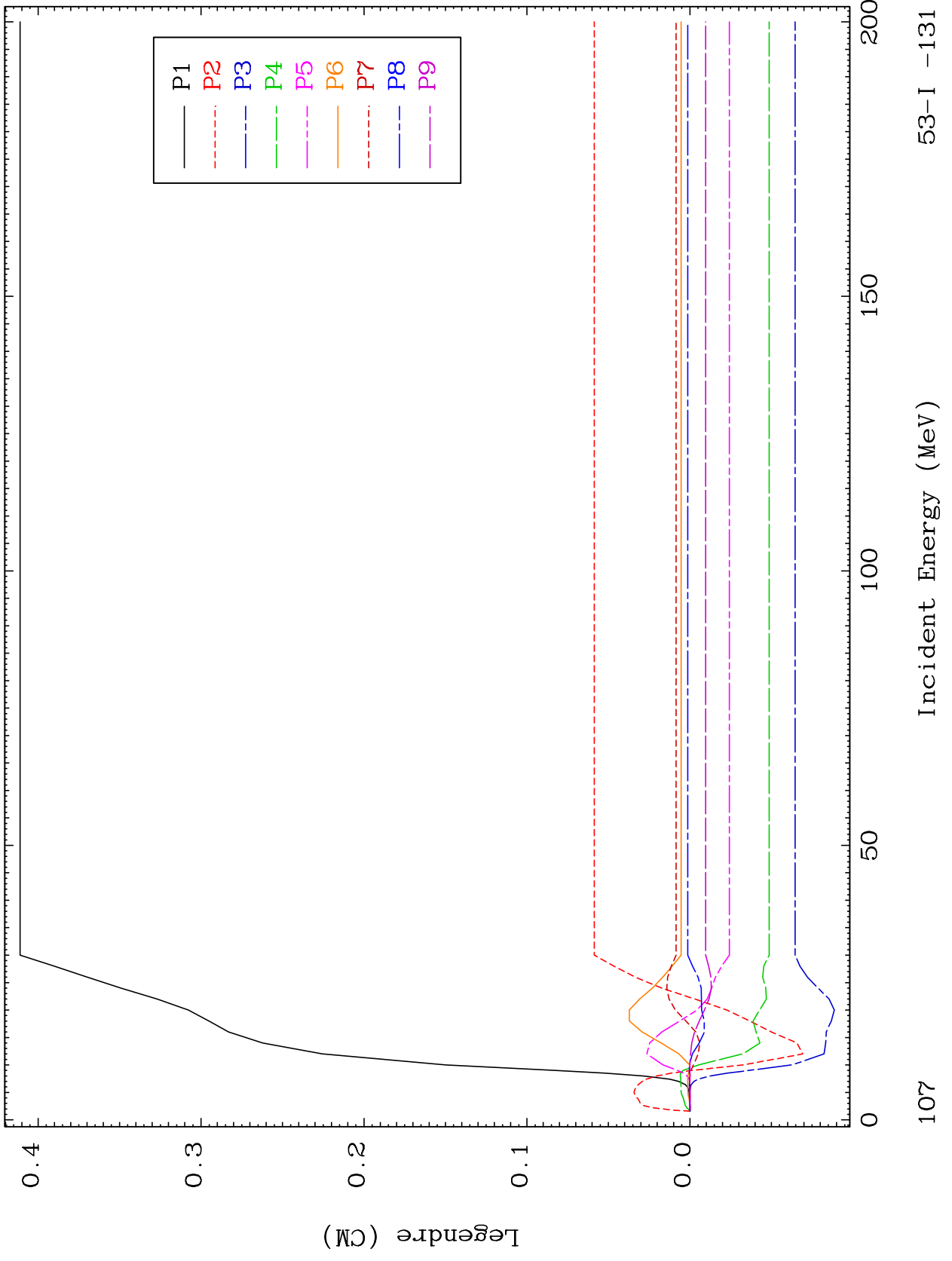
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



53-I -131

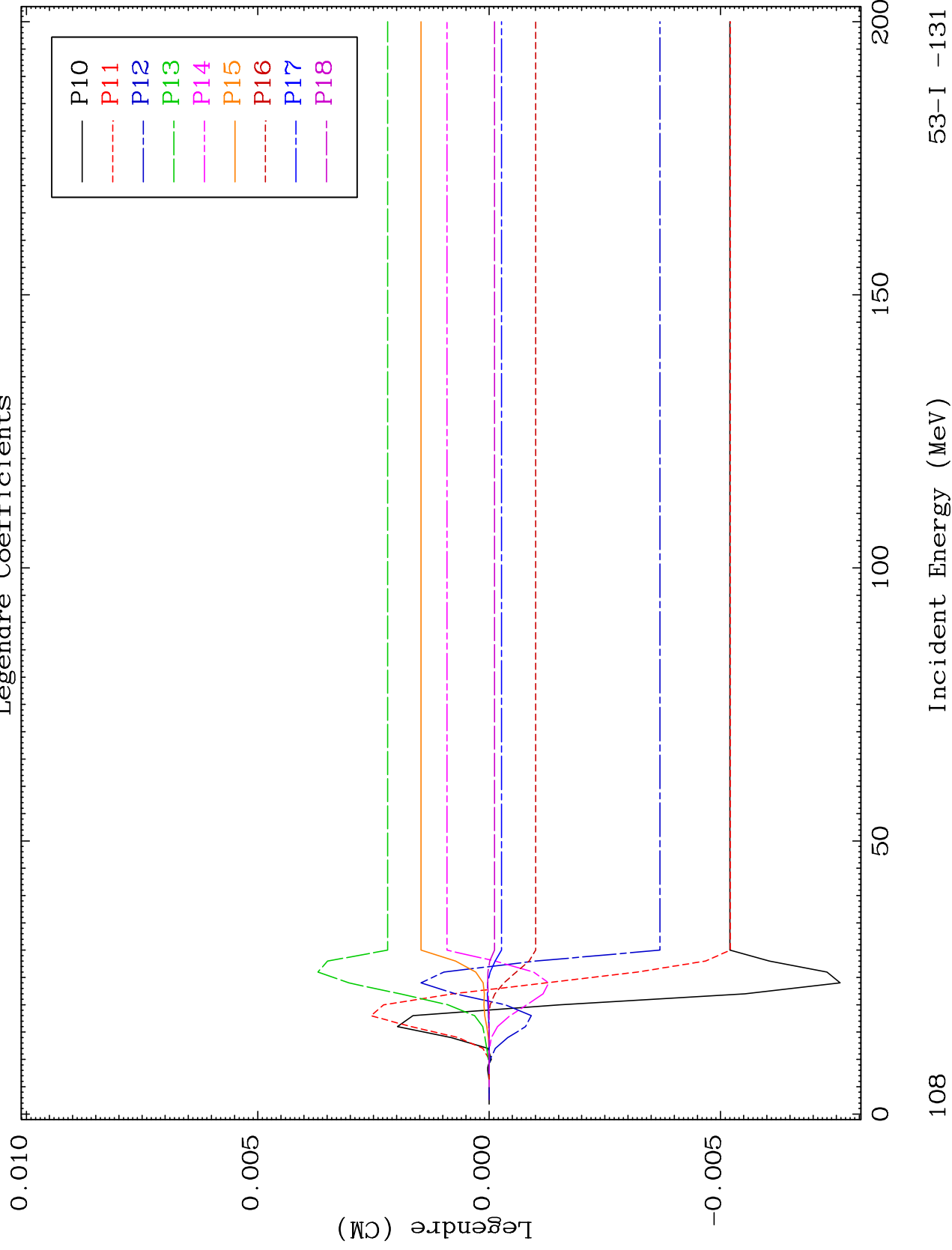
Incident Energy (MeV)

107

MAT 5337

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

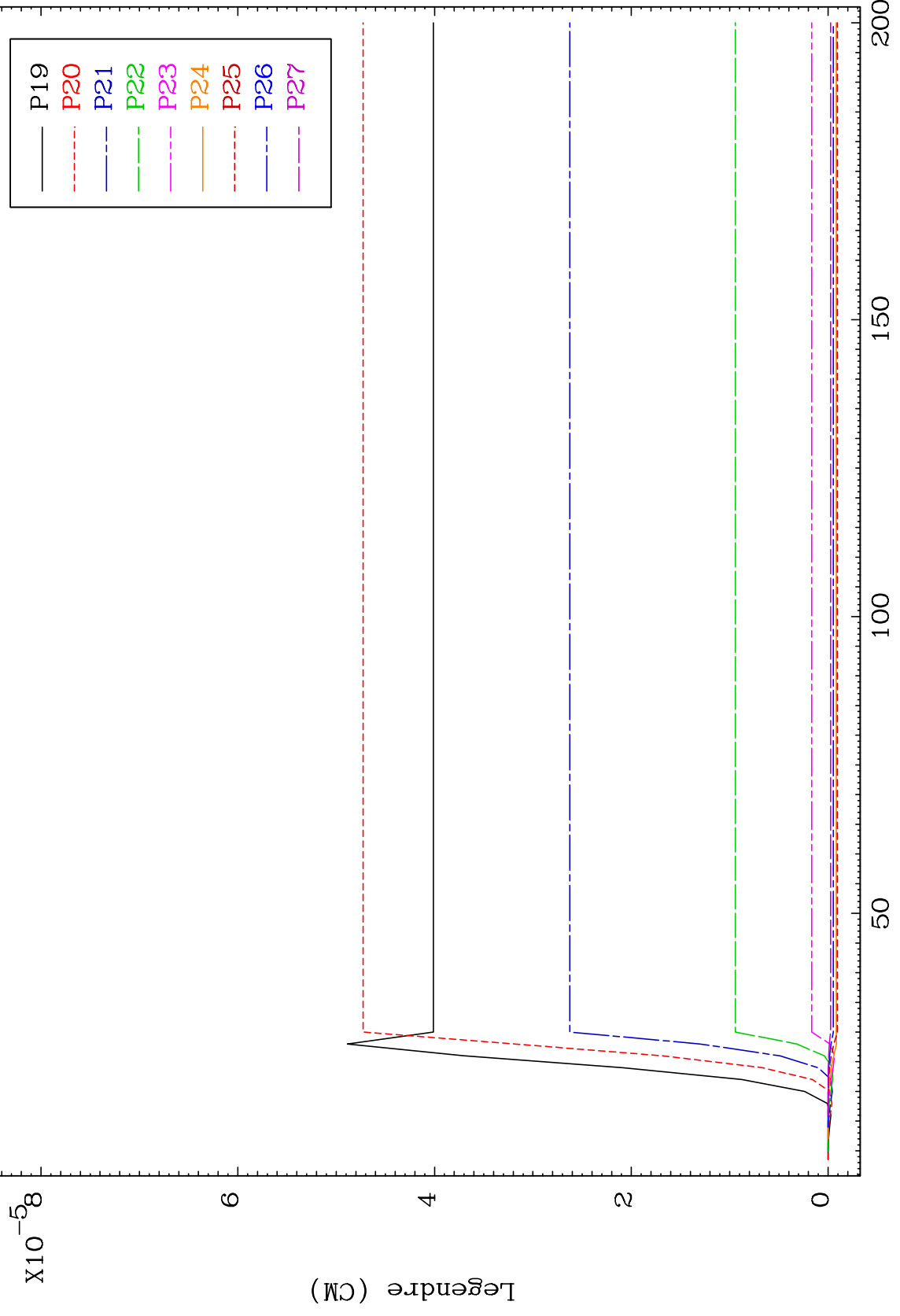
53-I -131



MAT 5337

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

53-I -131



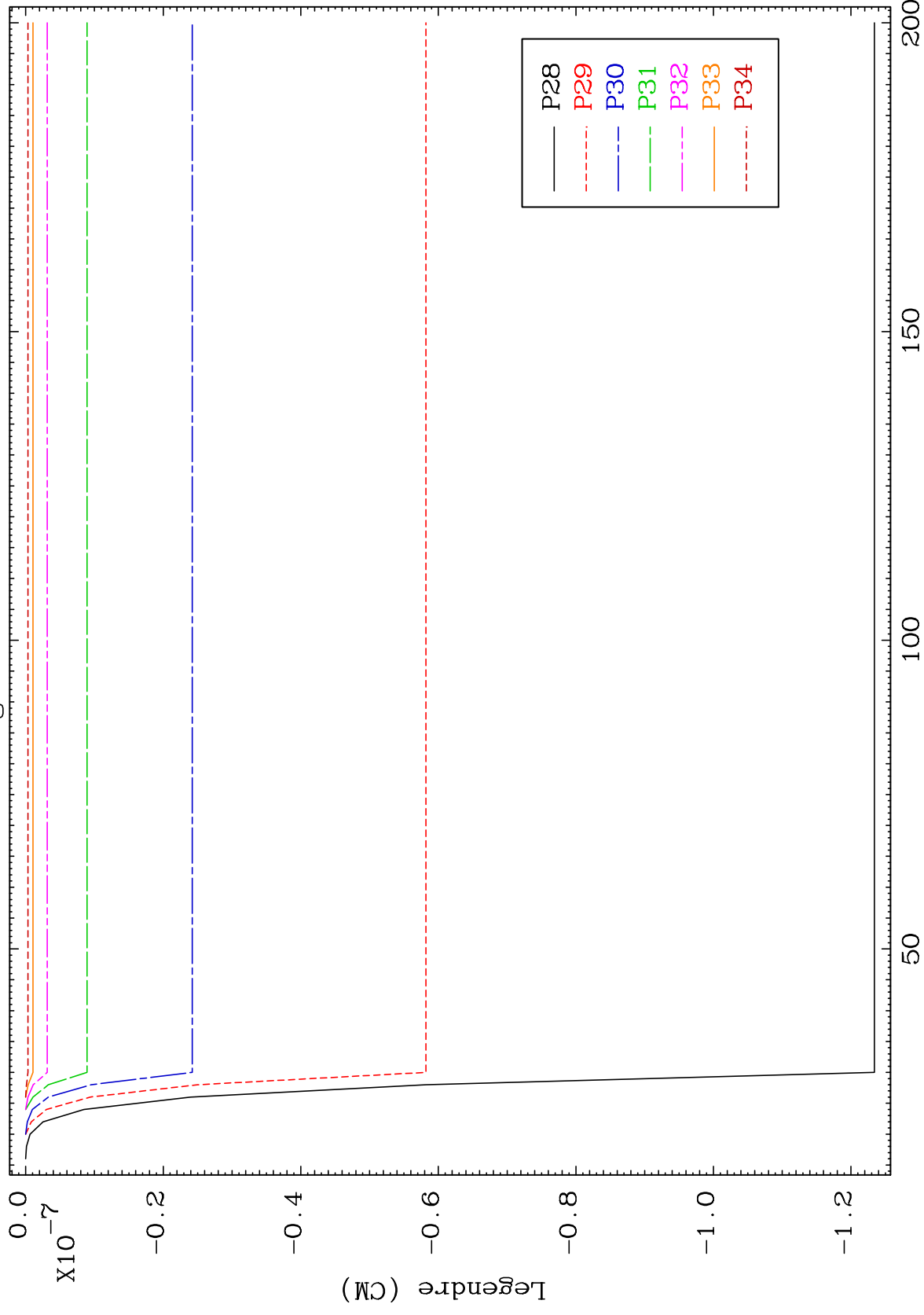
109

53-I -131

MAT 5337

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

53-I -131



110

Incident Energy (MeV)

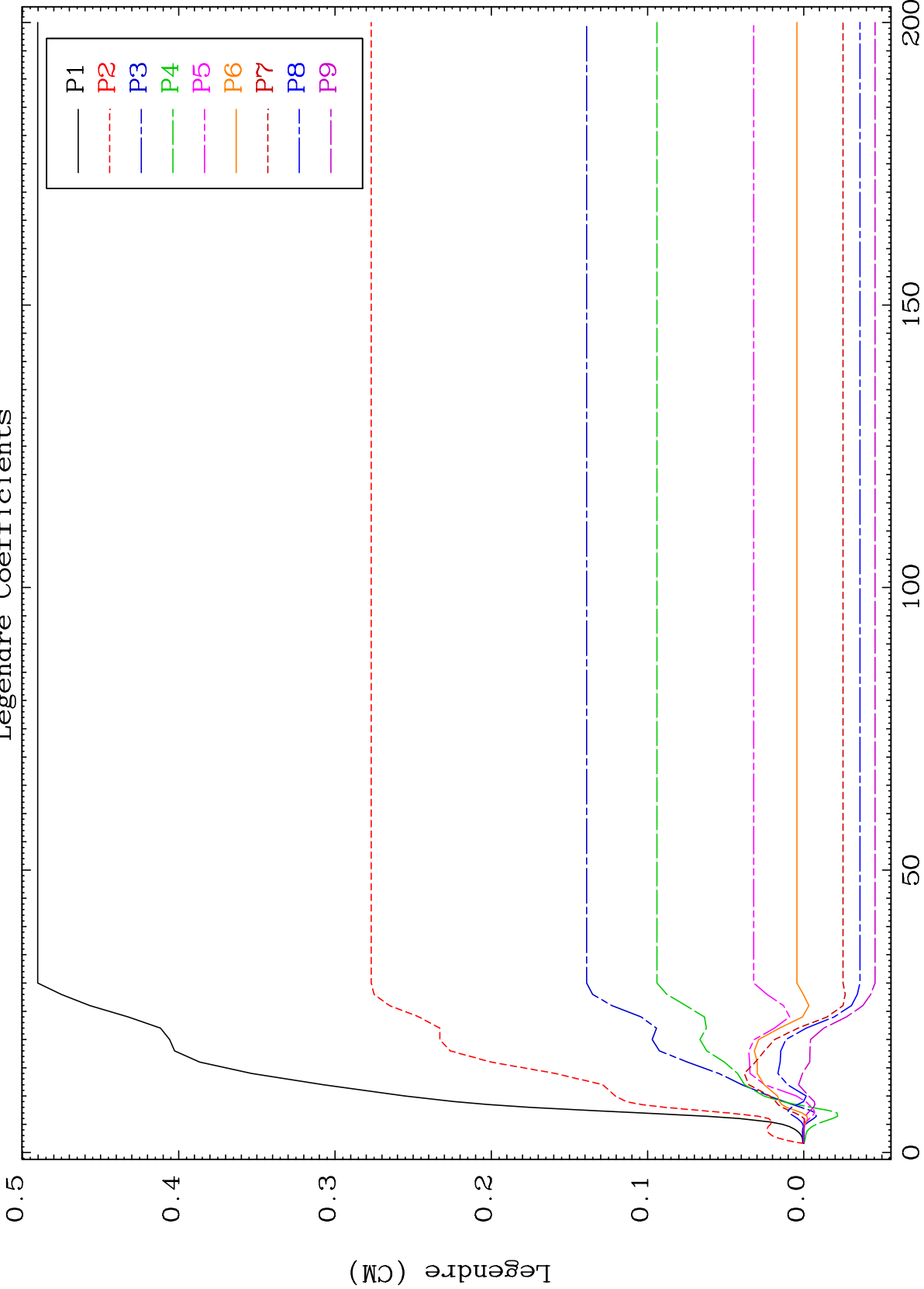
53-I -131

MAT 5337

MT= 74 (n,n') Level

53-I -131

Legendre Coefficients



111

Incident Energy (MeV)

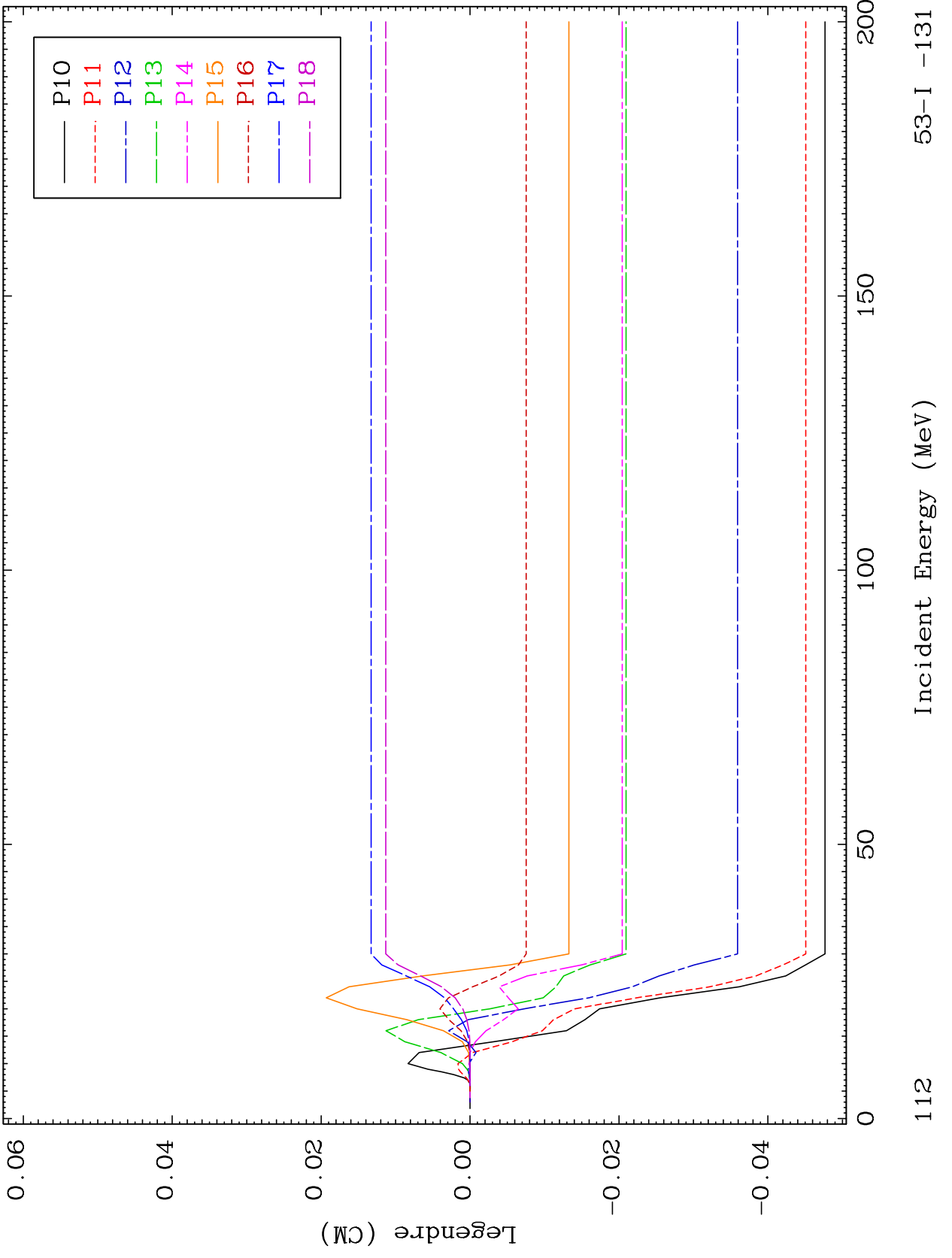
53-I -131



MAT 5337

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

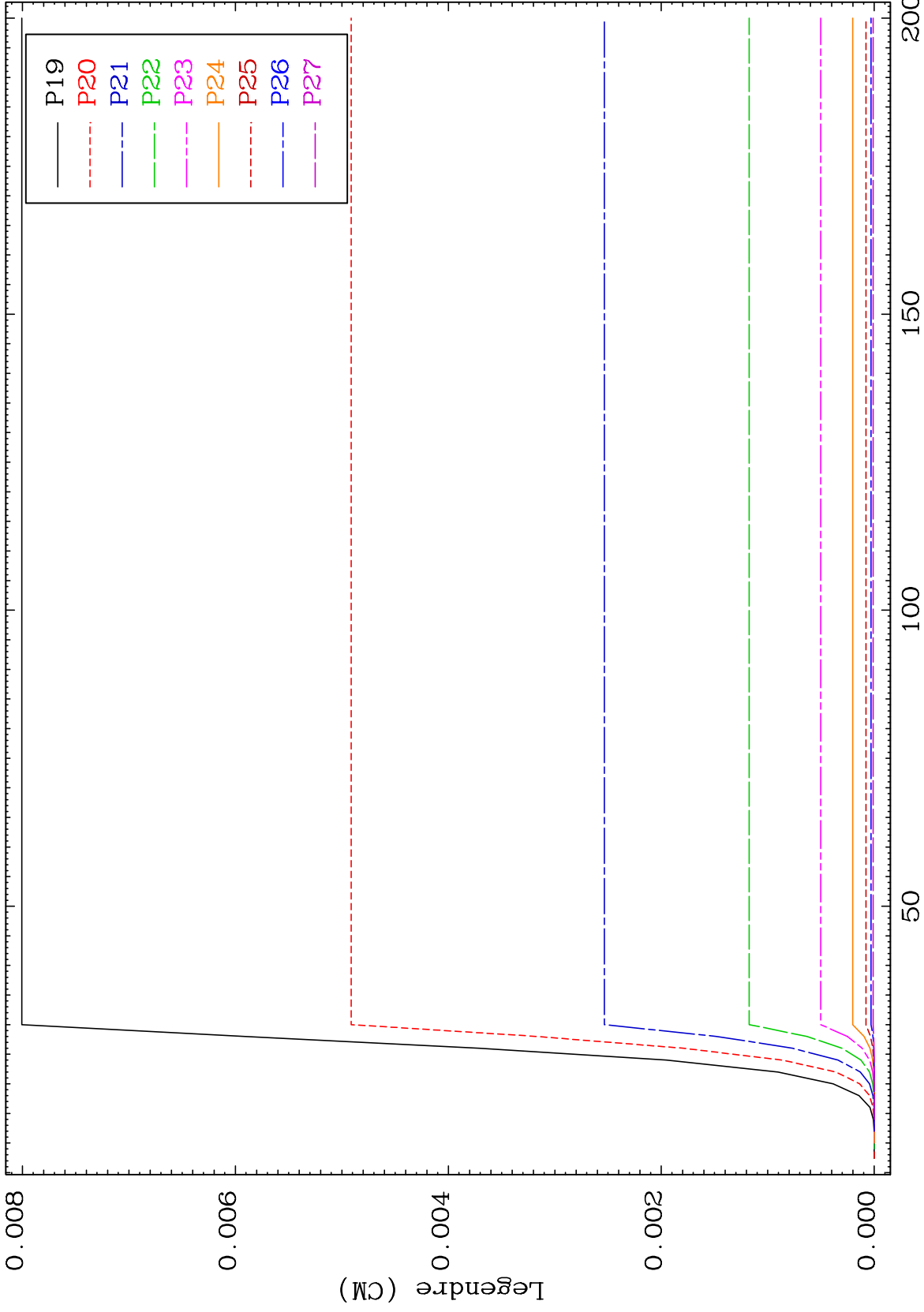
53-I -131



112

Incident Energy (MeV)

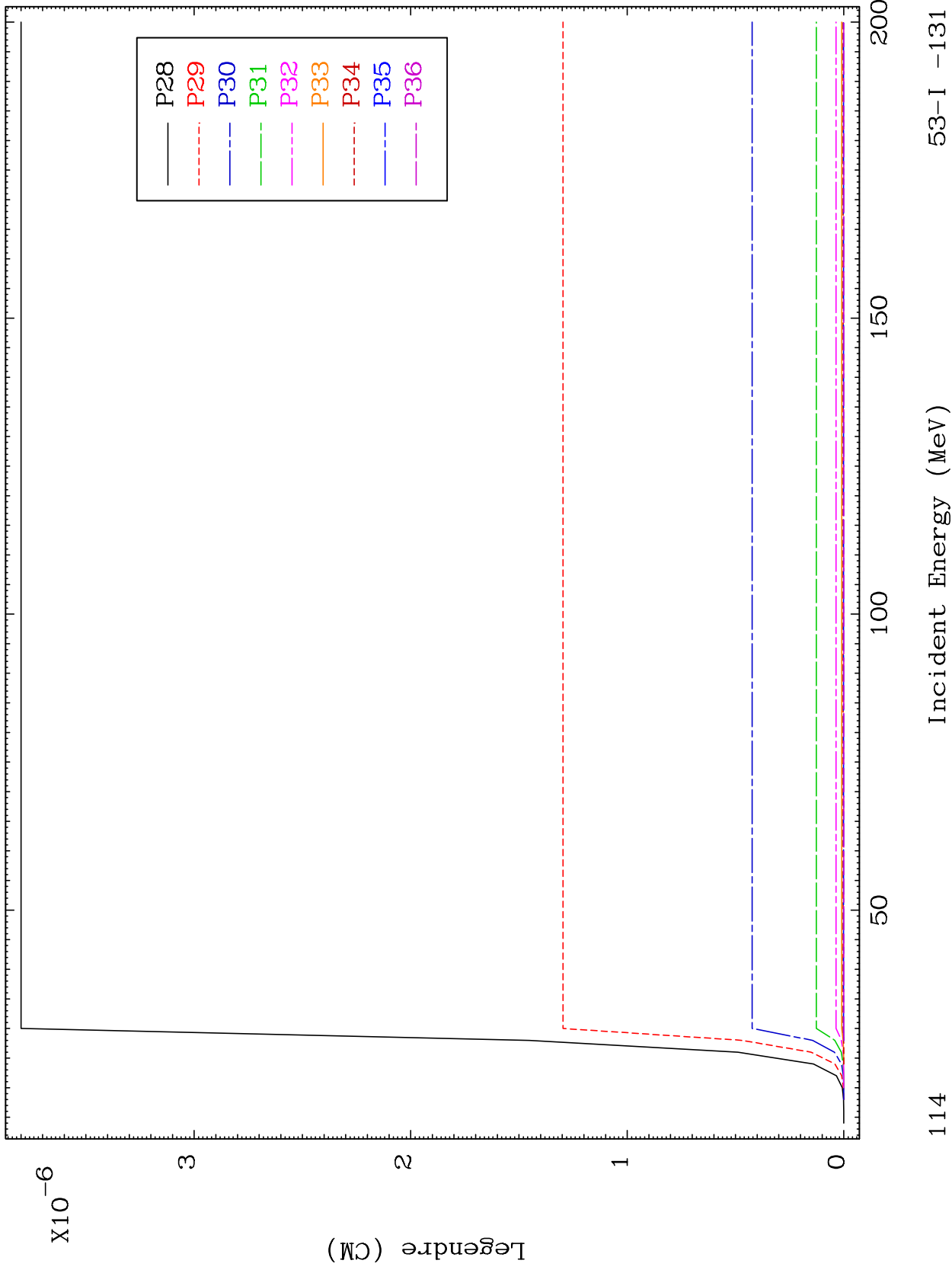
53-I -131



MAT 5337

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

53-I -131



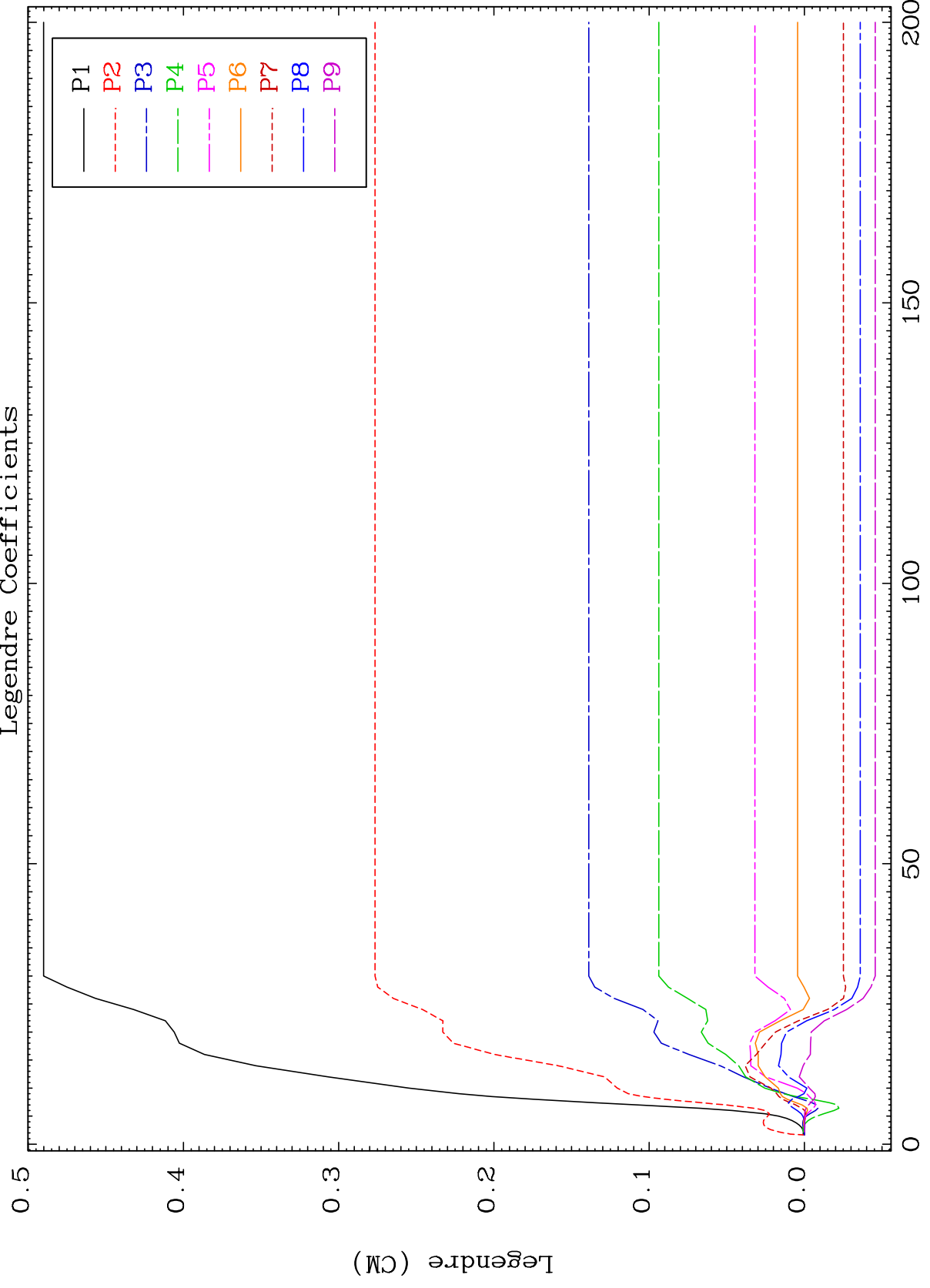
114

53-I -131

MAT 5337

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

53-I -131



53-I -131

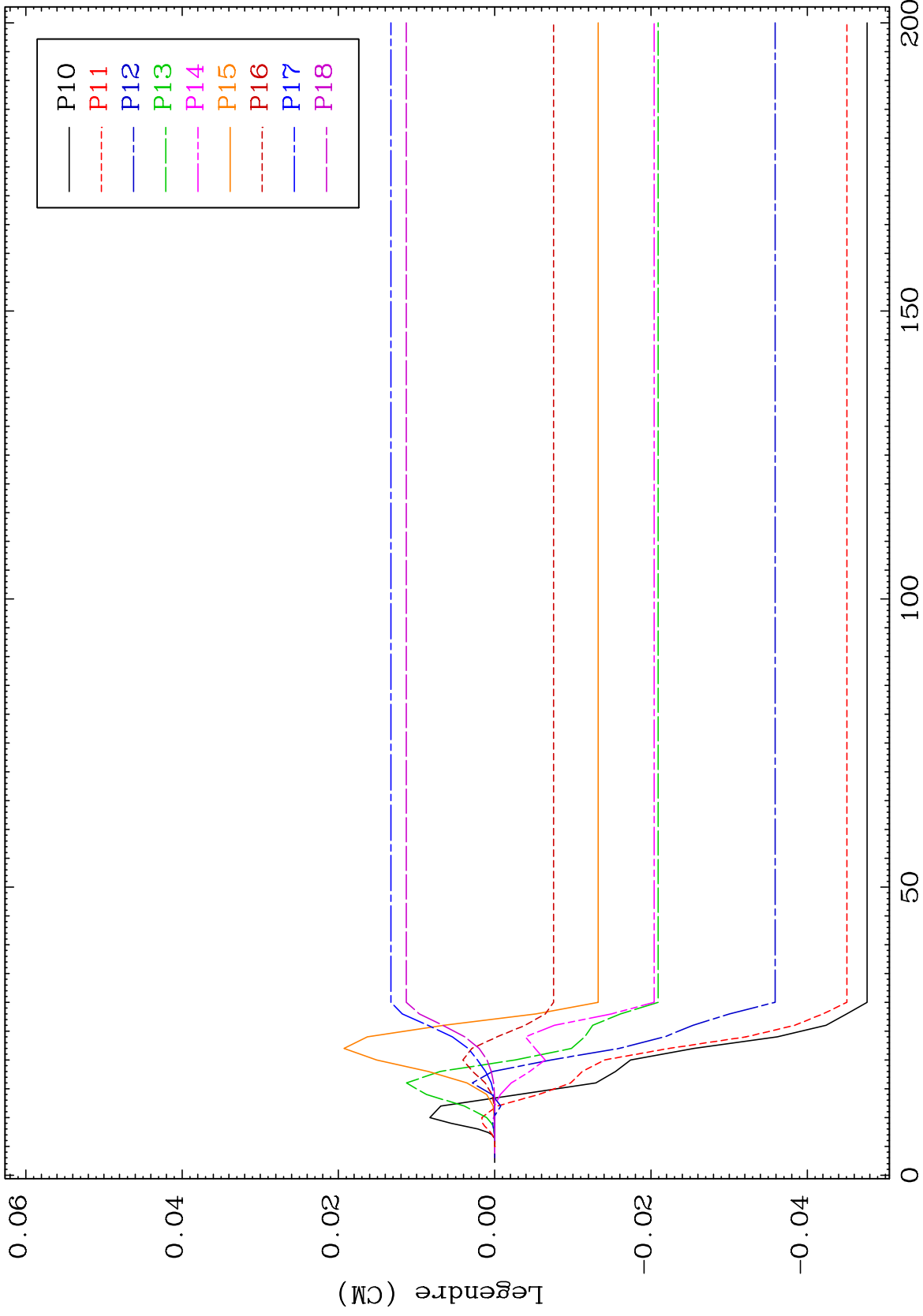
Incident Energy (MeV)

115

MAT 5337

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

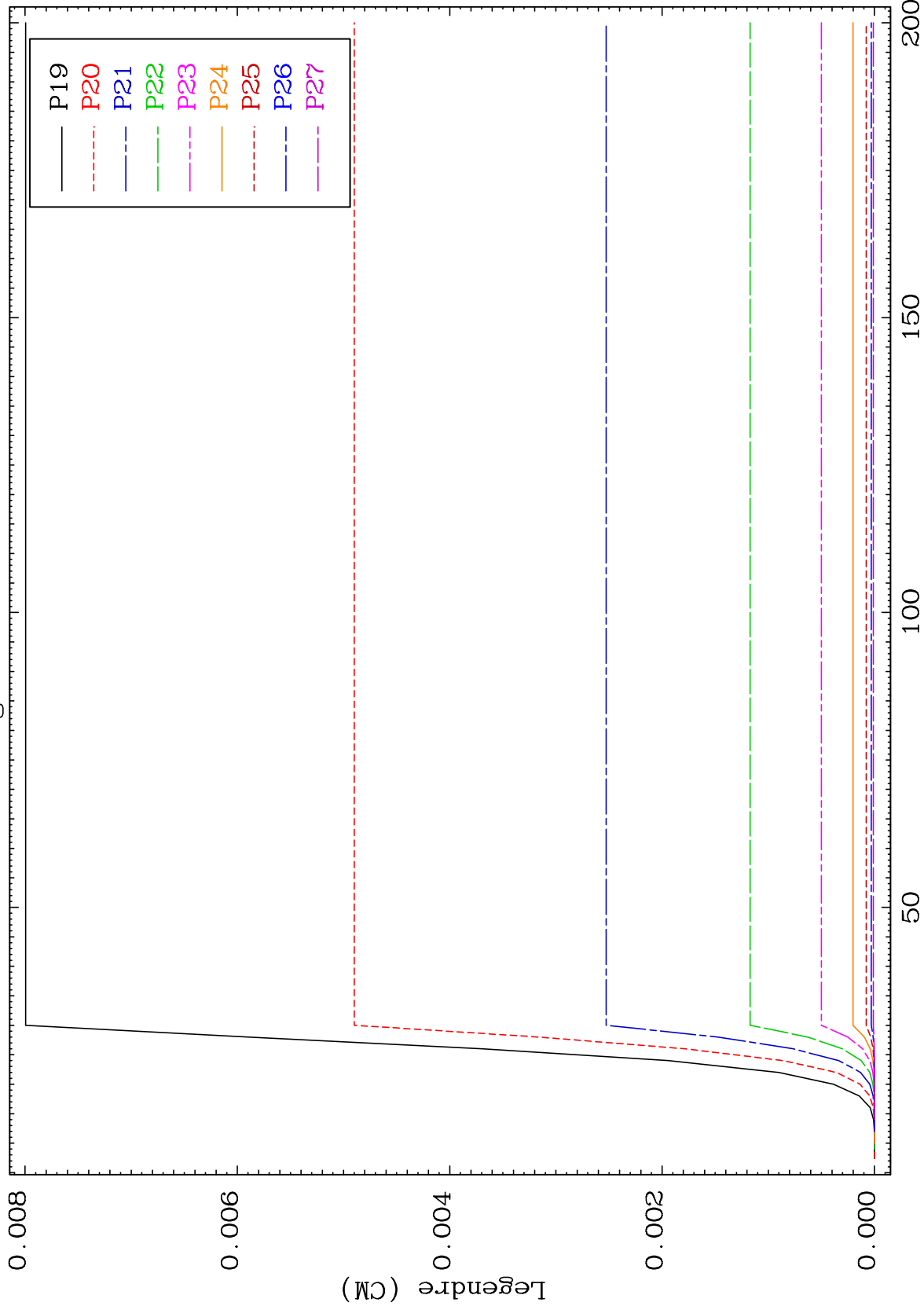
53-I -131



116

Incident Energy (MeV)

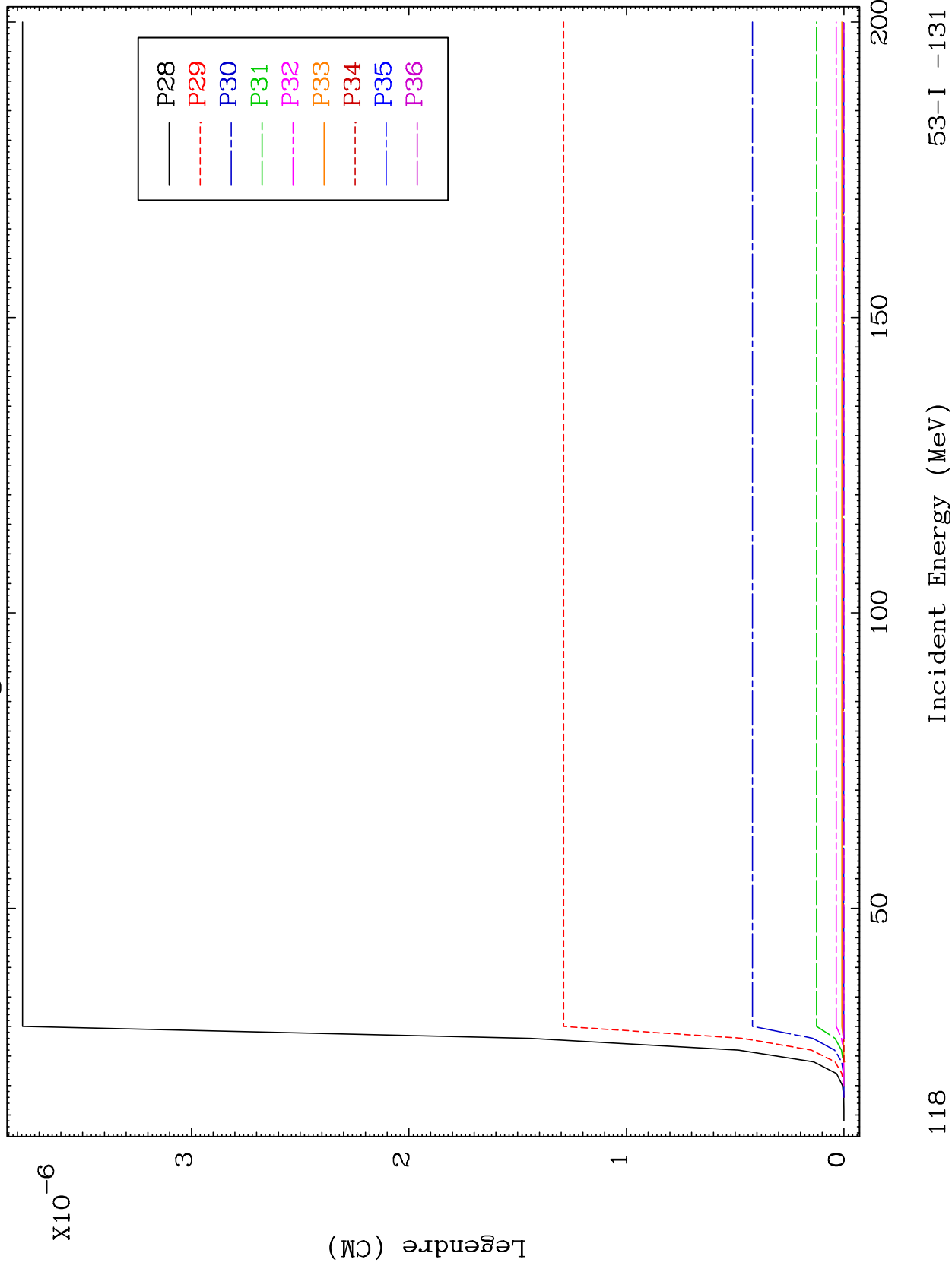
53-I -131



MAT 5337

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

53-I -131

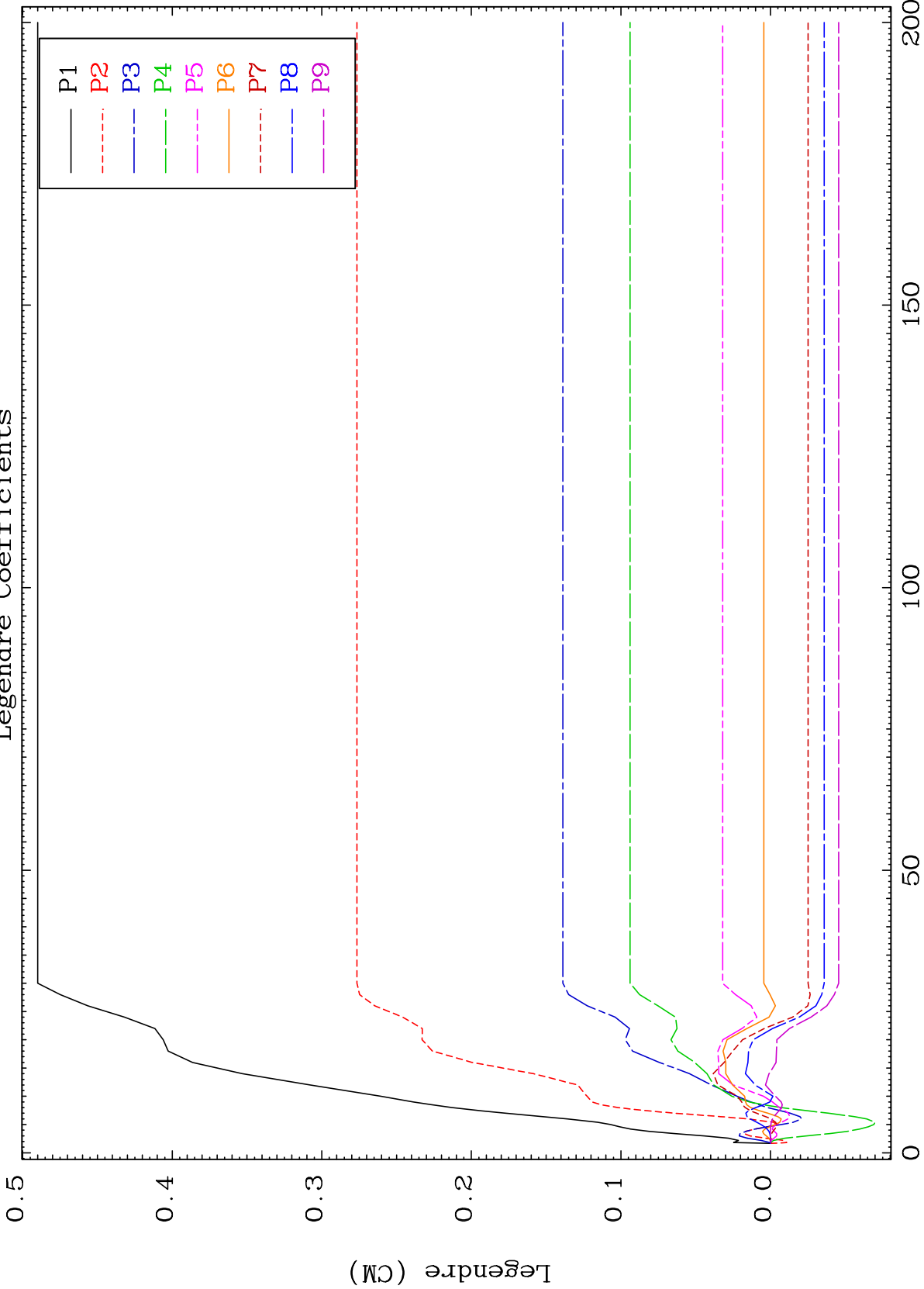


MAT 5337

MT= 76 (n,n') Level

53-I -131

Legendre Coefficients



119

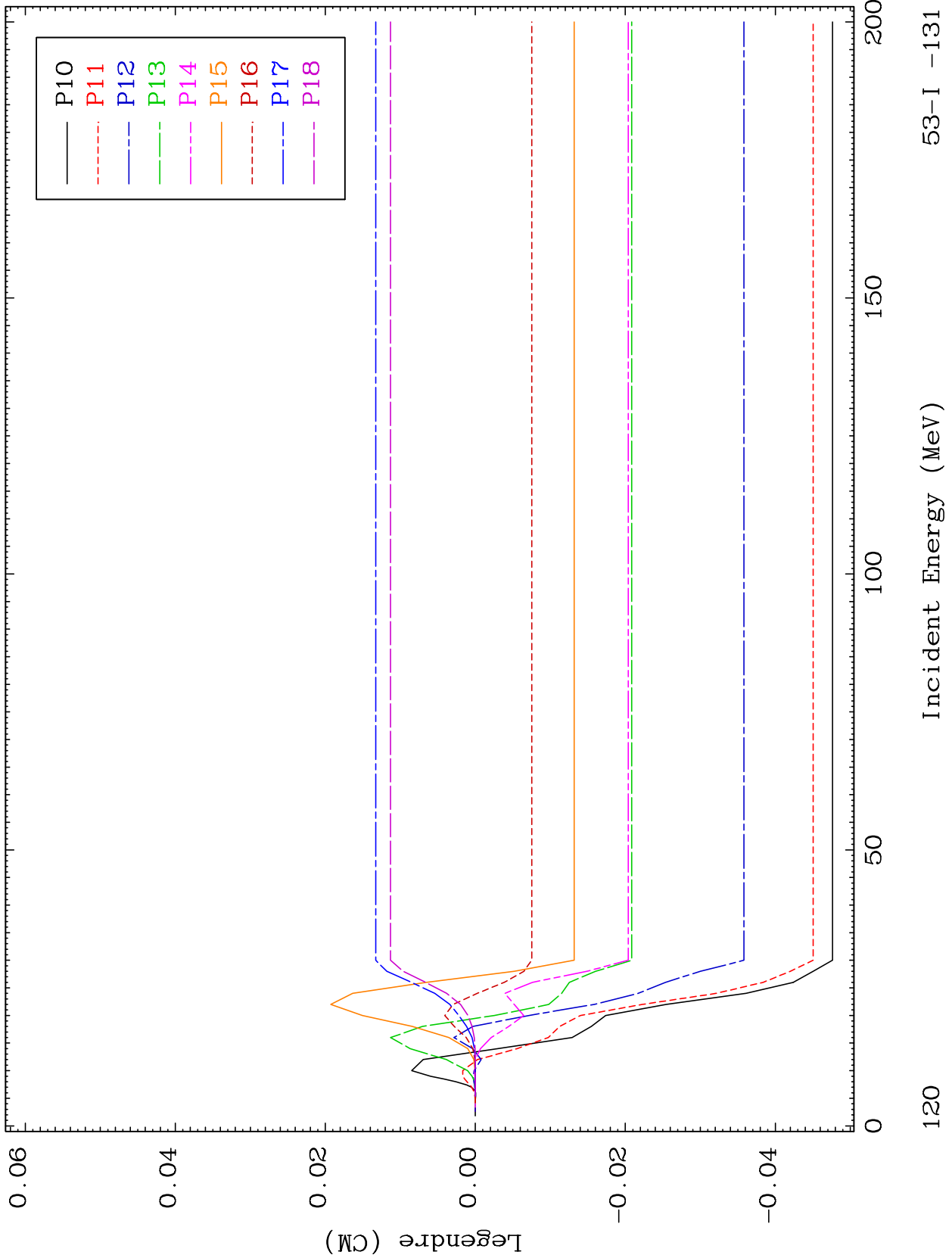
53-I -131



MAT 5337

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

53-I -131



53-I -131

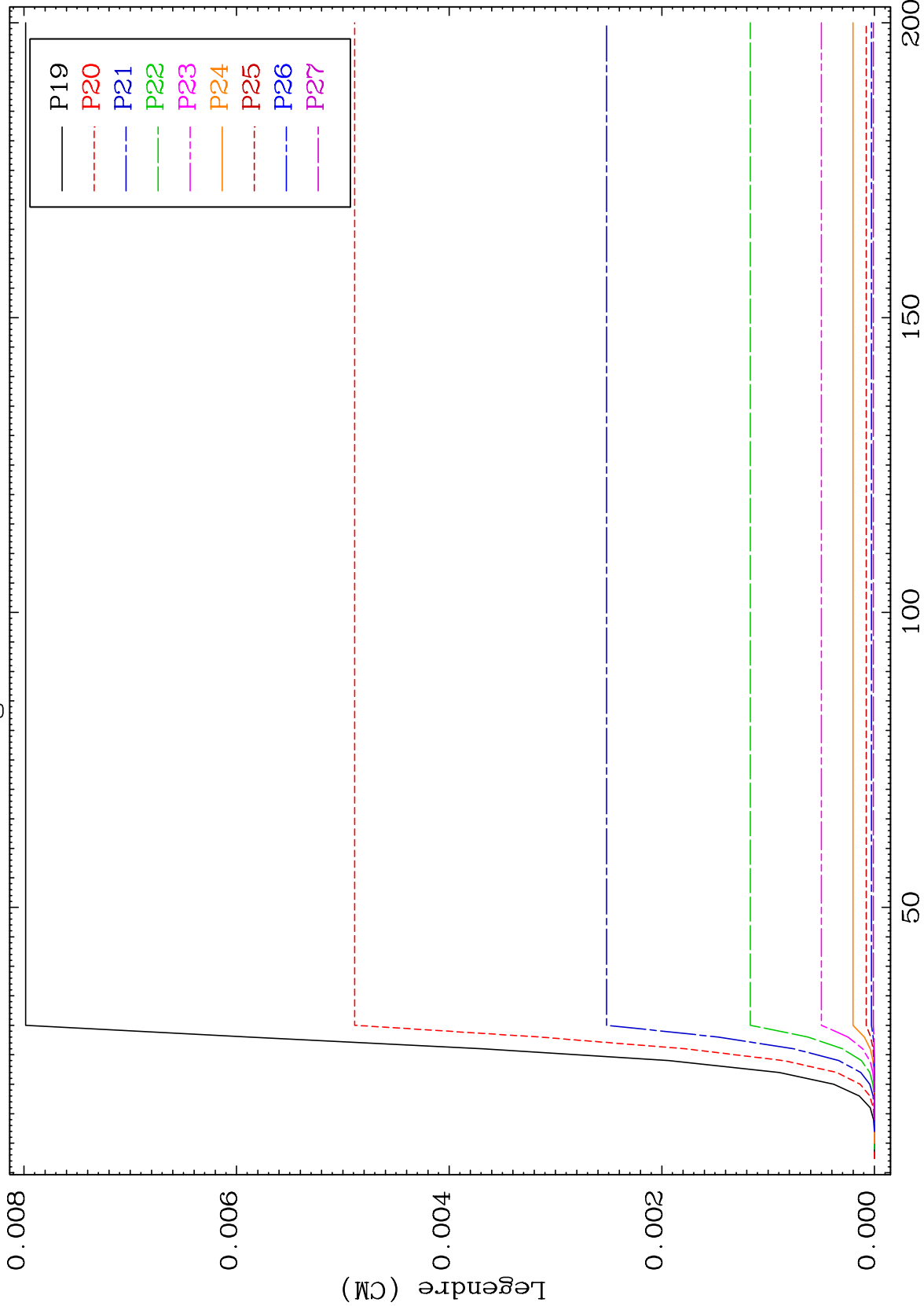
Incident Energy (MeV)

120

MAT 5337

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

53-I -131



121

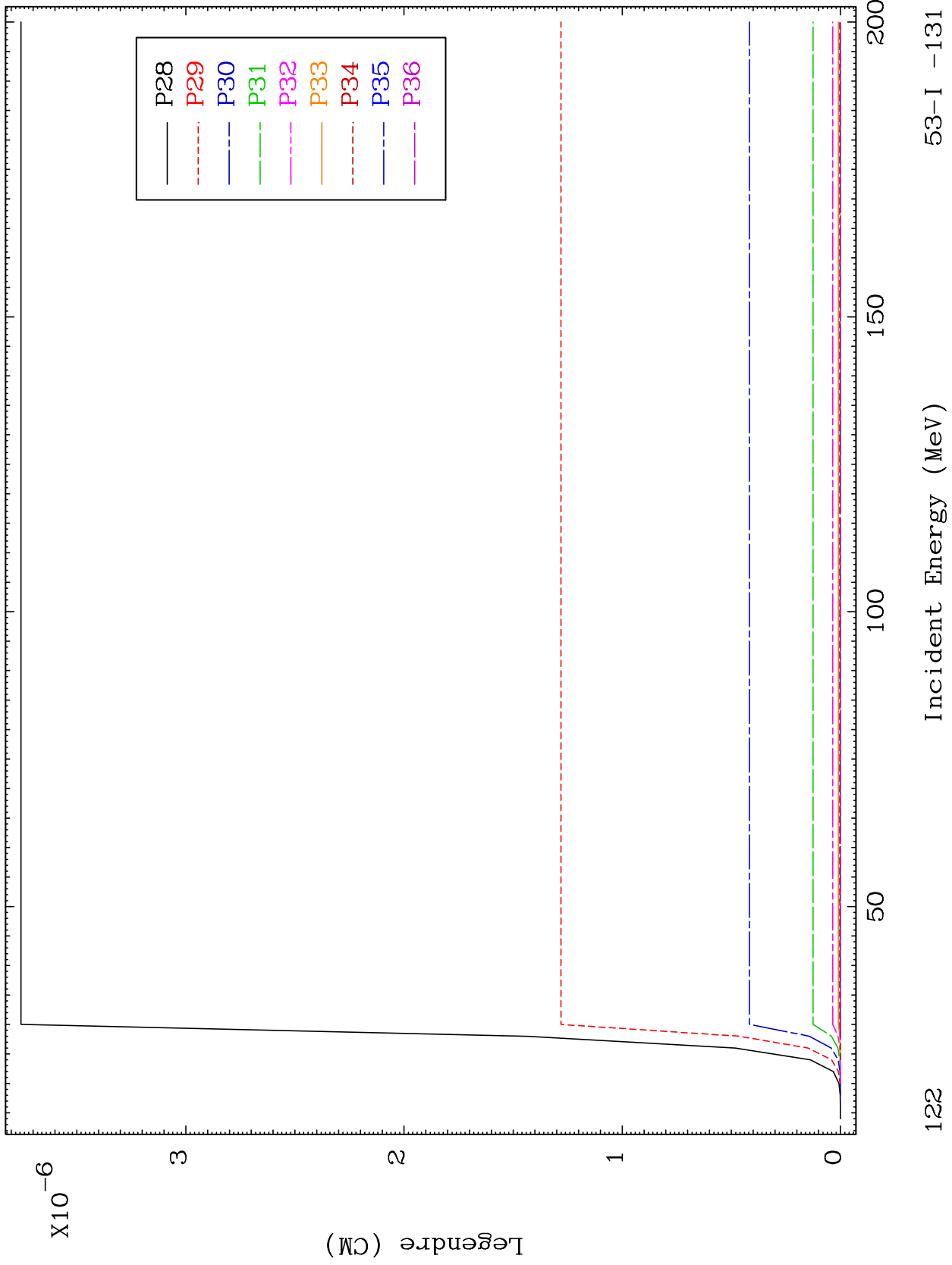
Incident Energy (MeV)

53-I -131

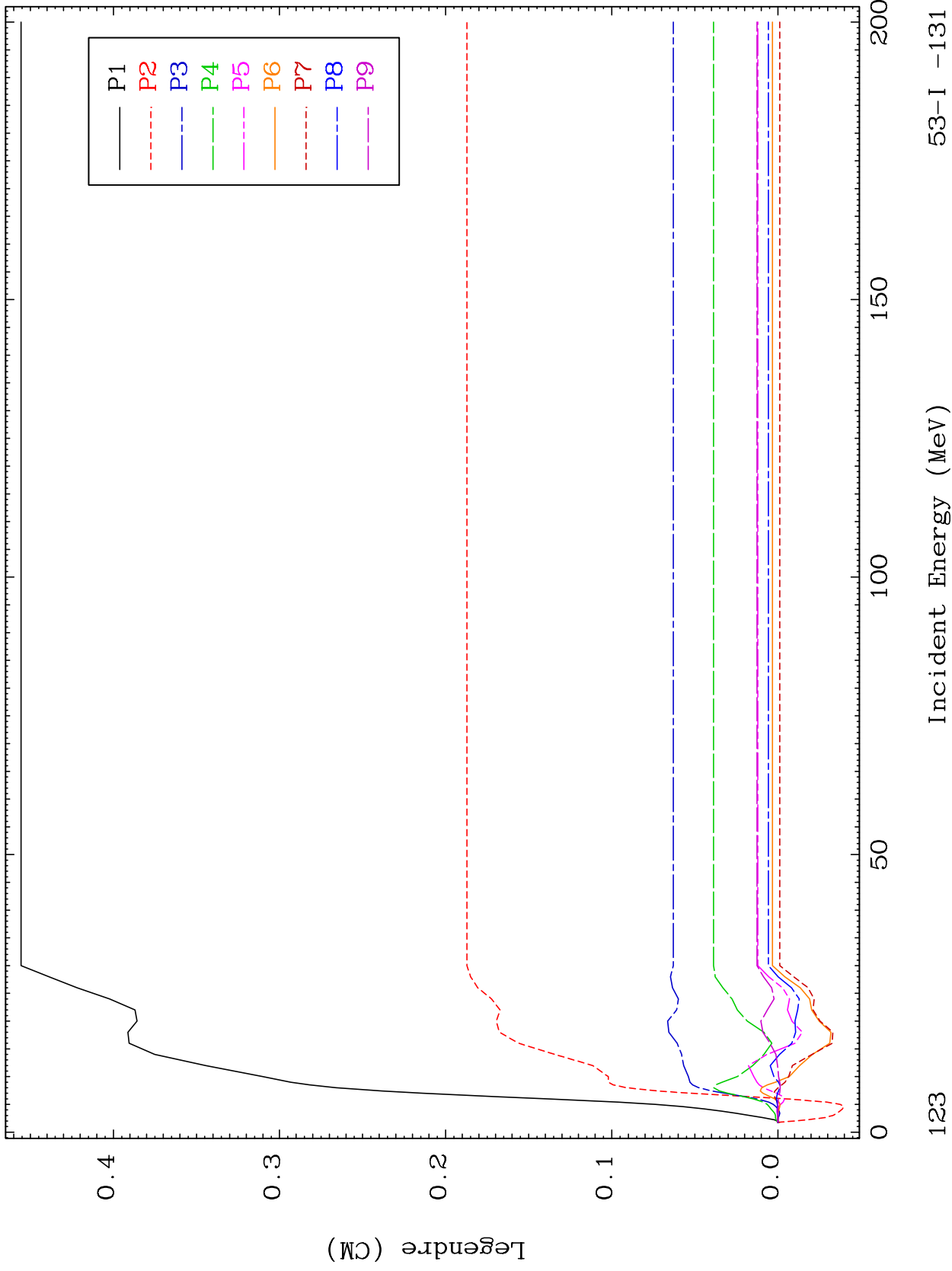
MAT 5337

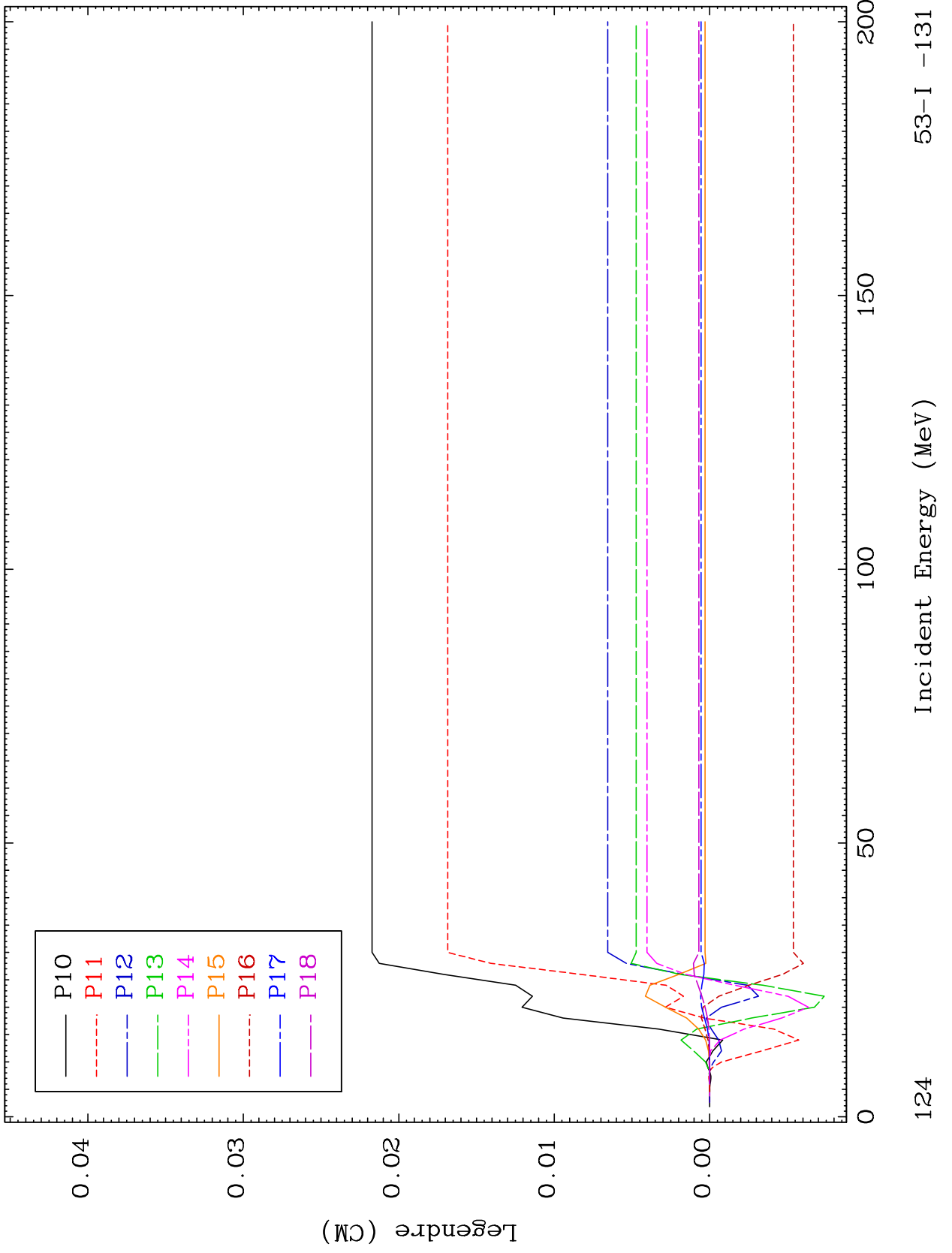
MT= 76 (n,n') Level  
Legendre Coefficients

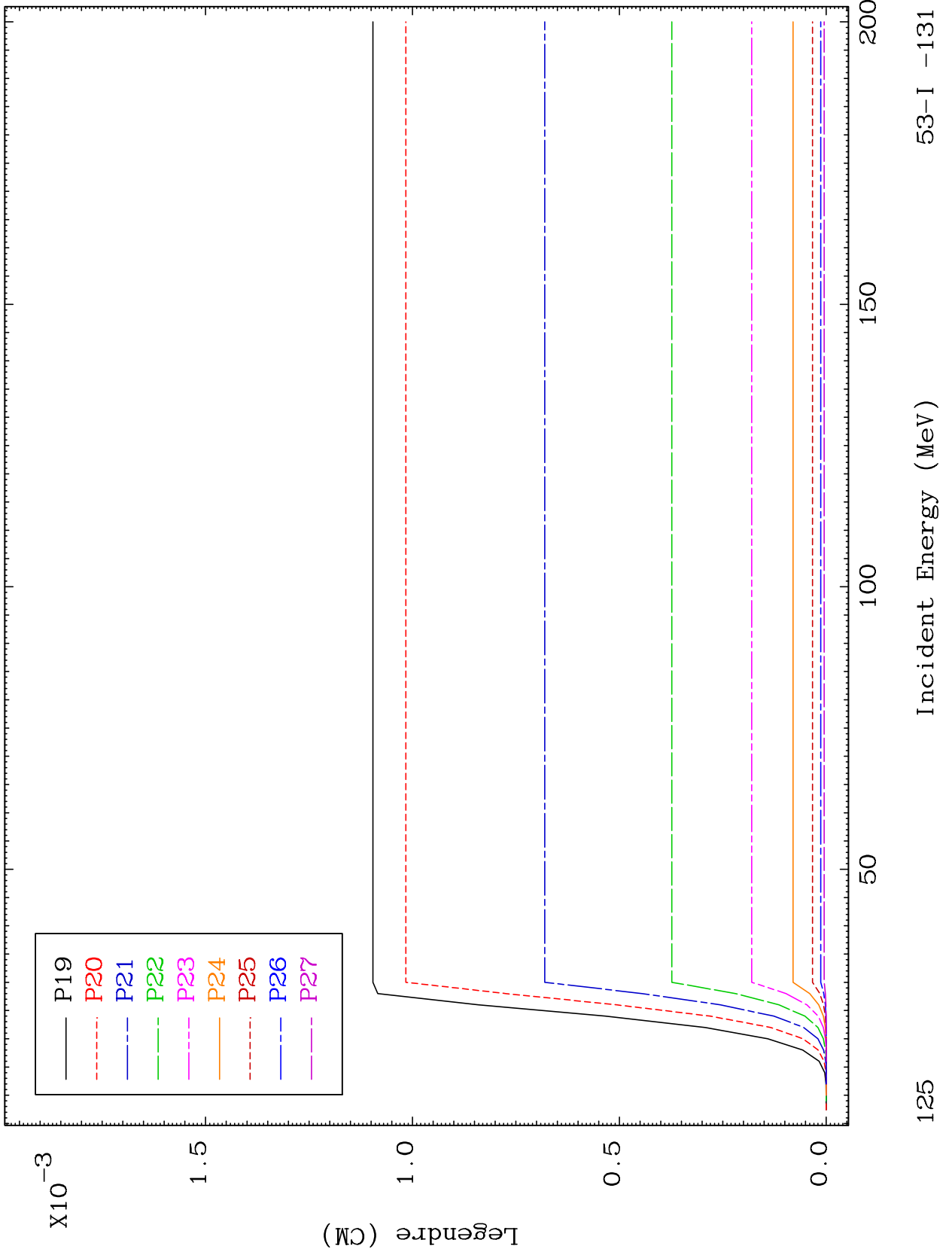
53-I -131



122



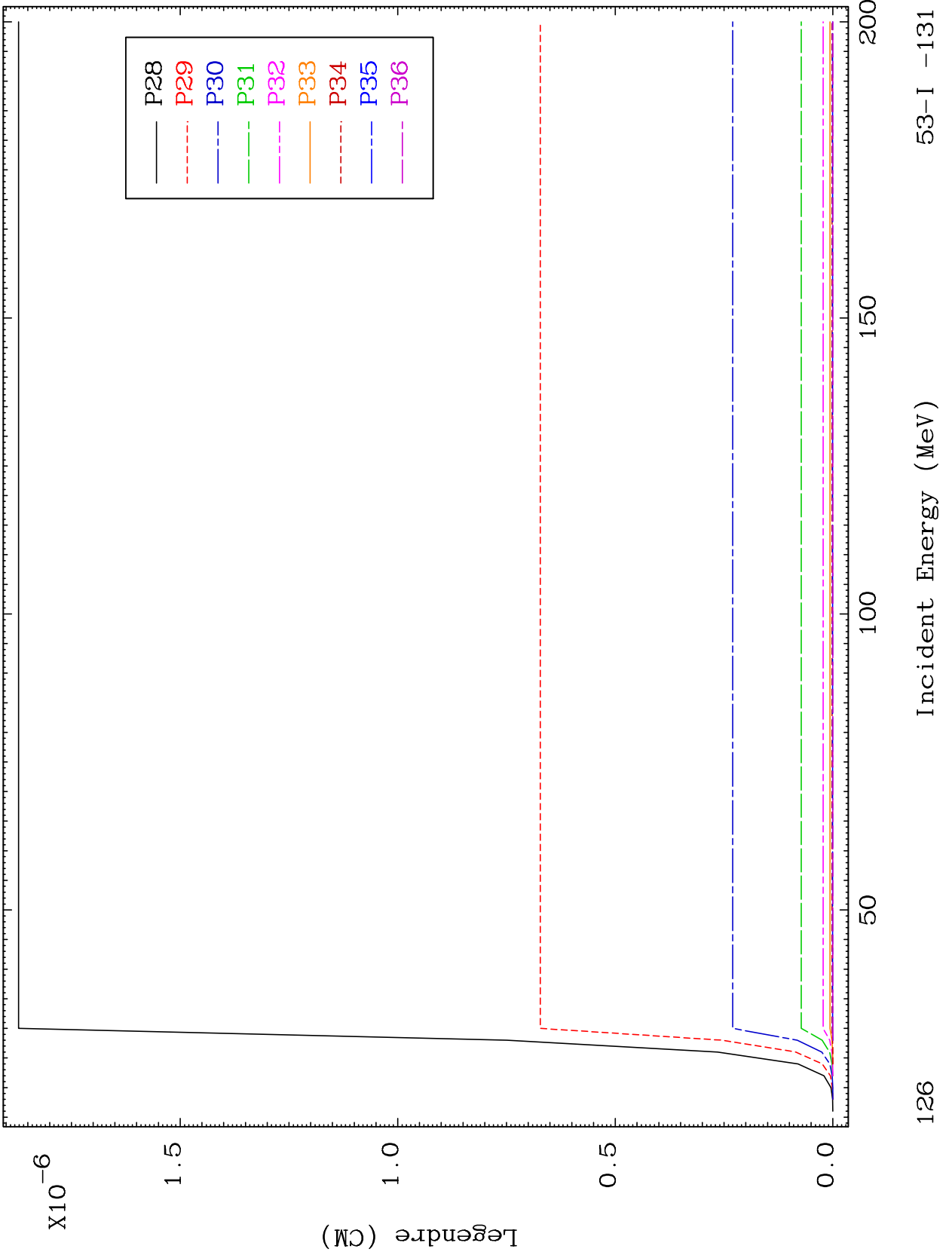




MAT 5337

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

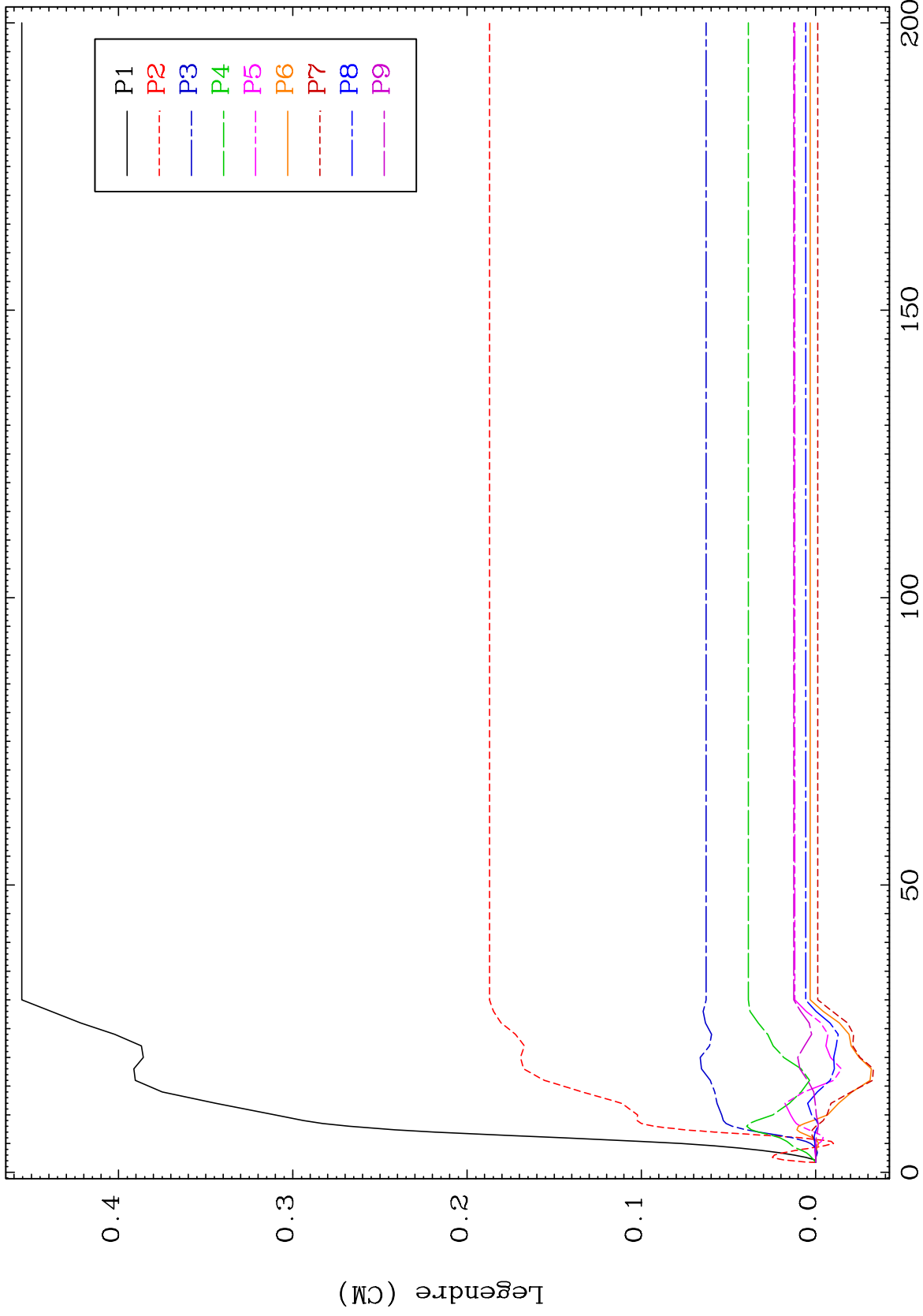
53-I -131



MAT 5337

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

53-I -131

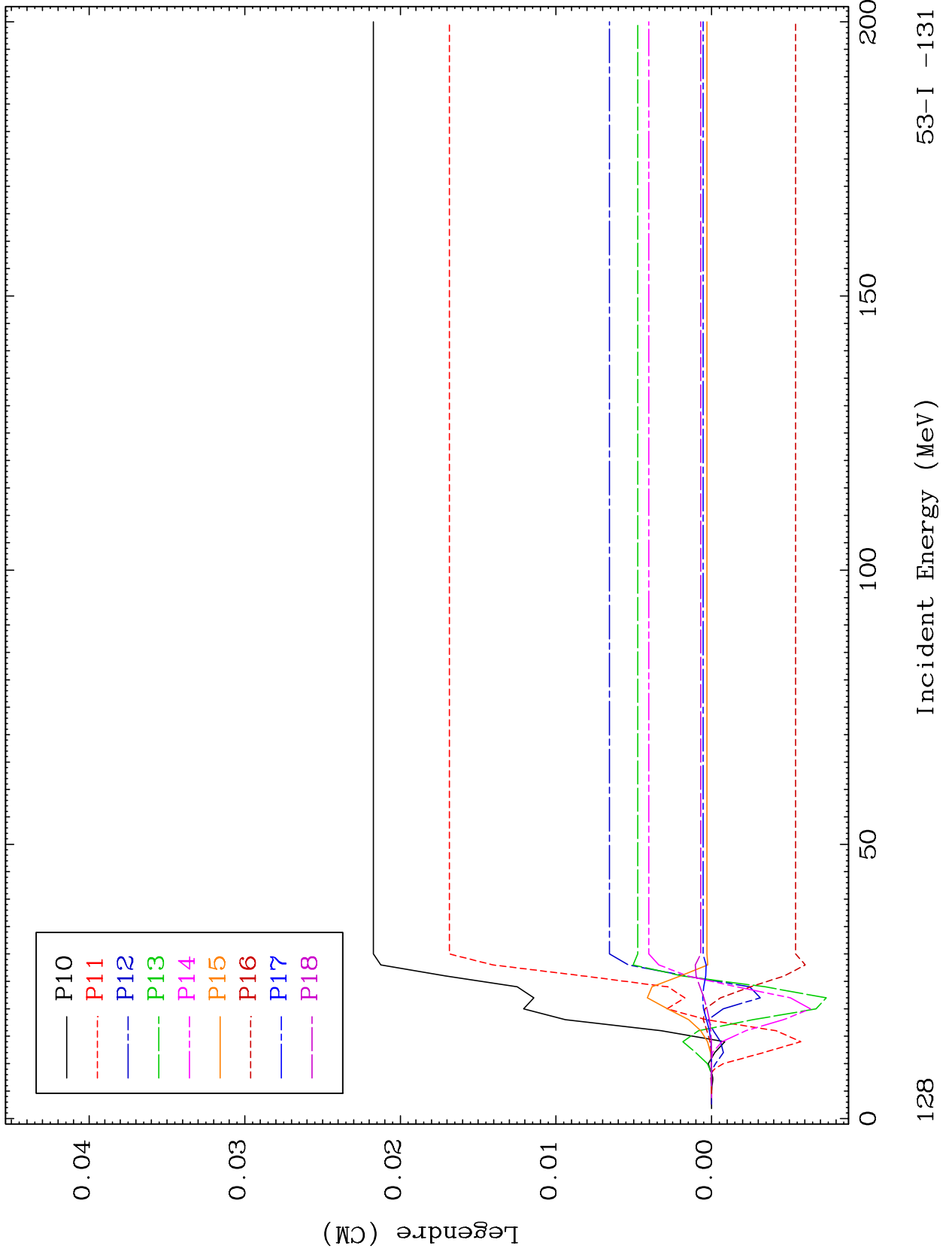


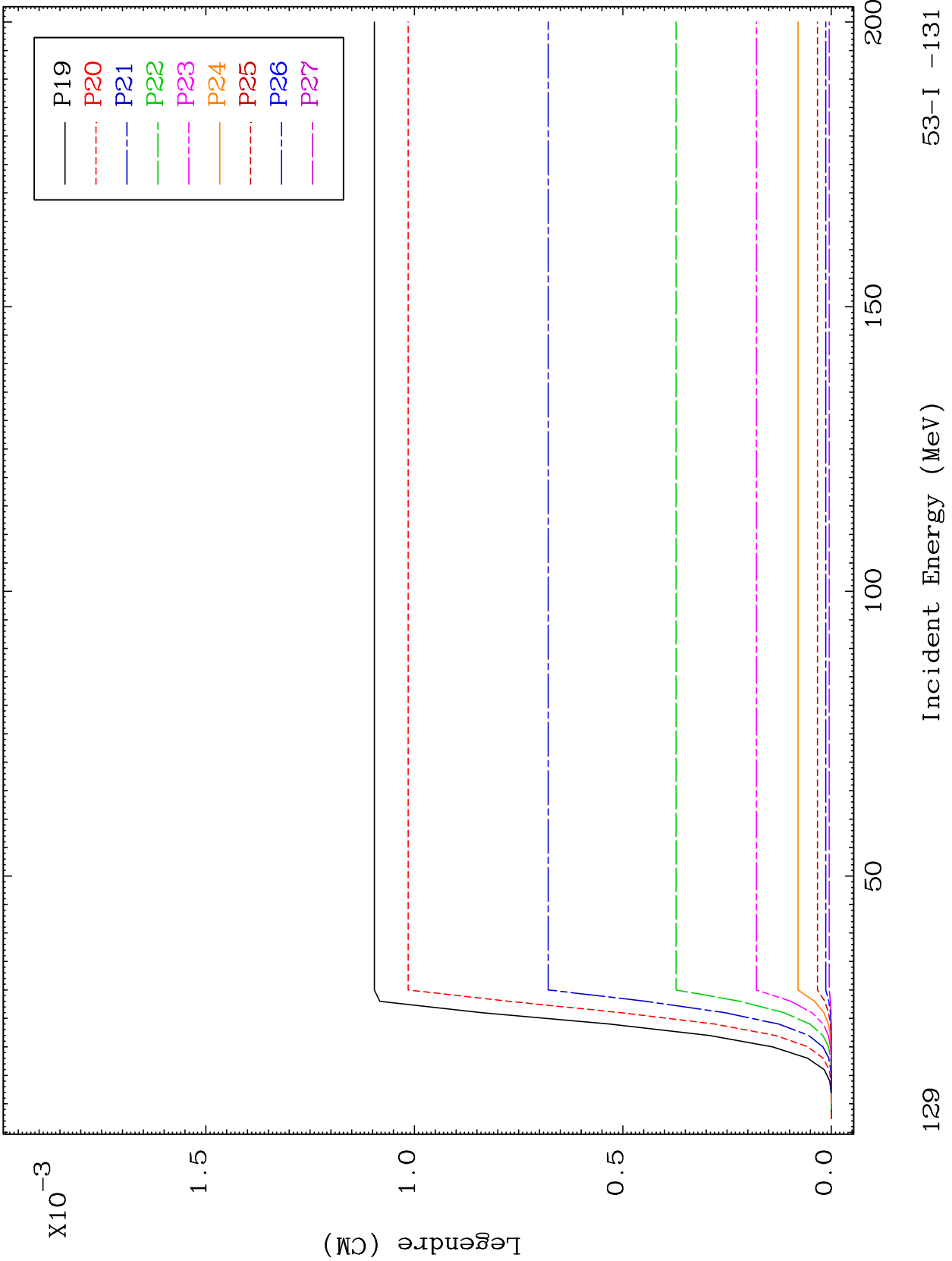
127

Incident Energy (MeV)

53-I -131



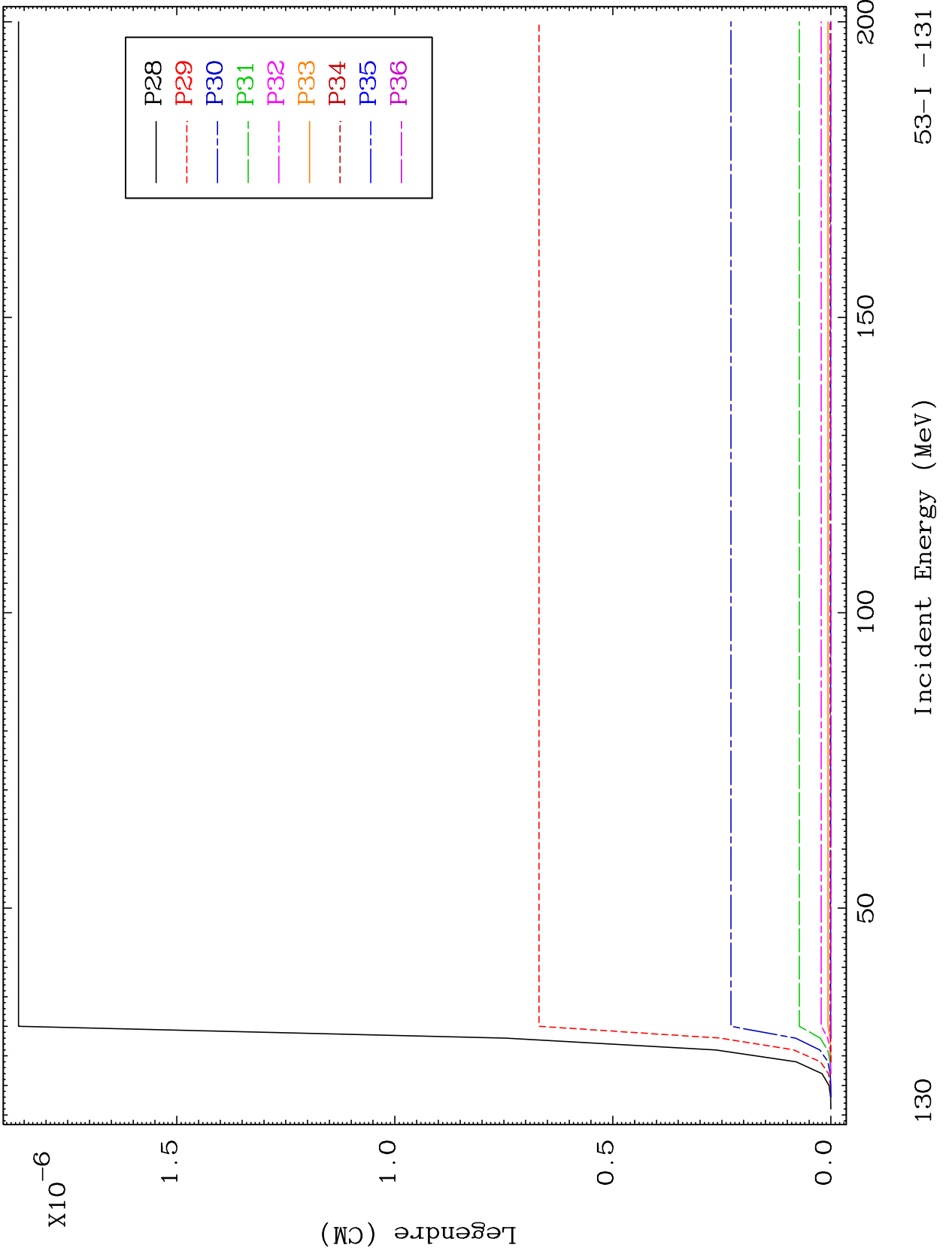




MAT 5337

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

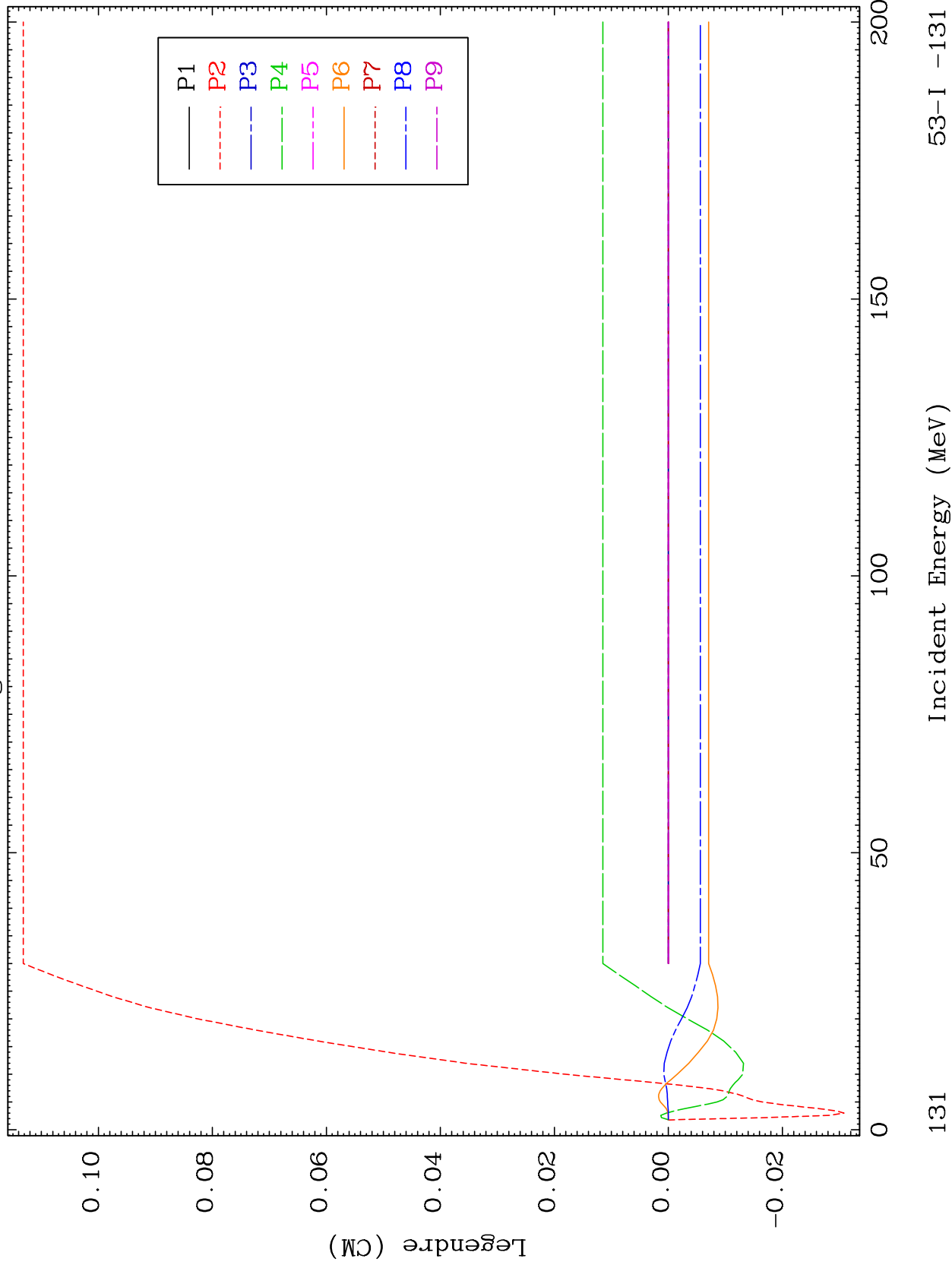
53-I -131

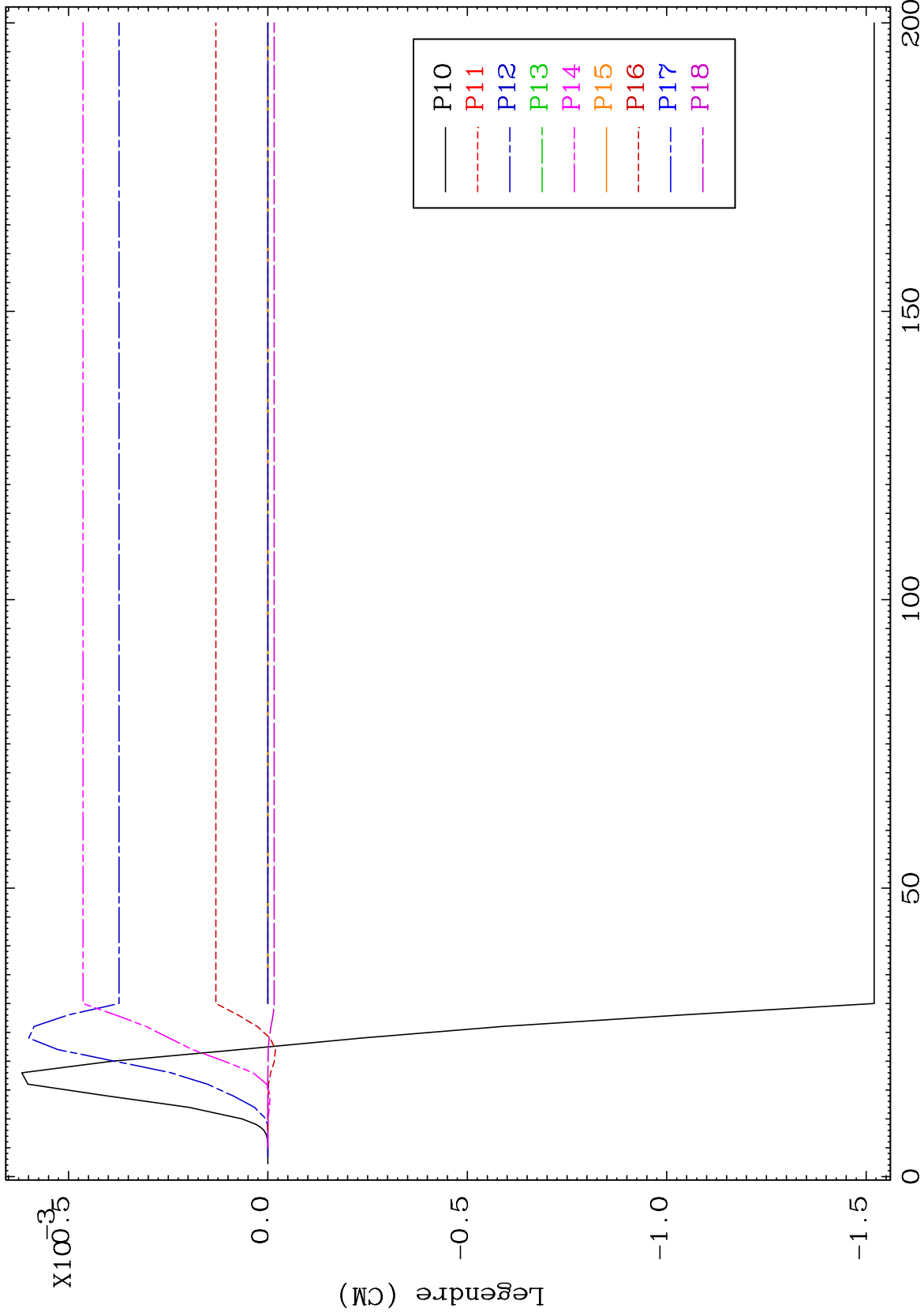


MAT 5337

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

53-I -131

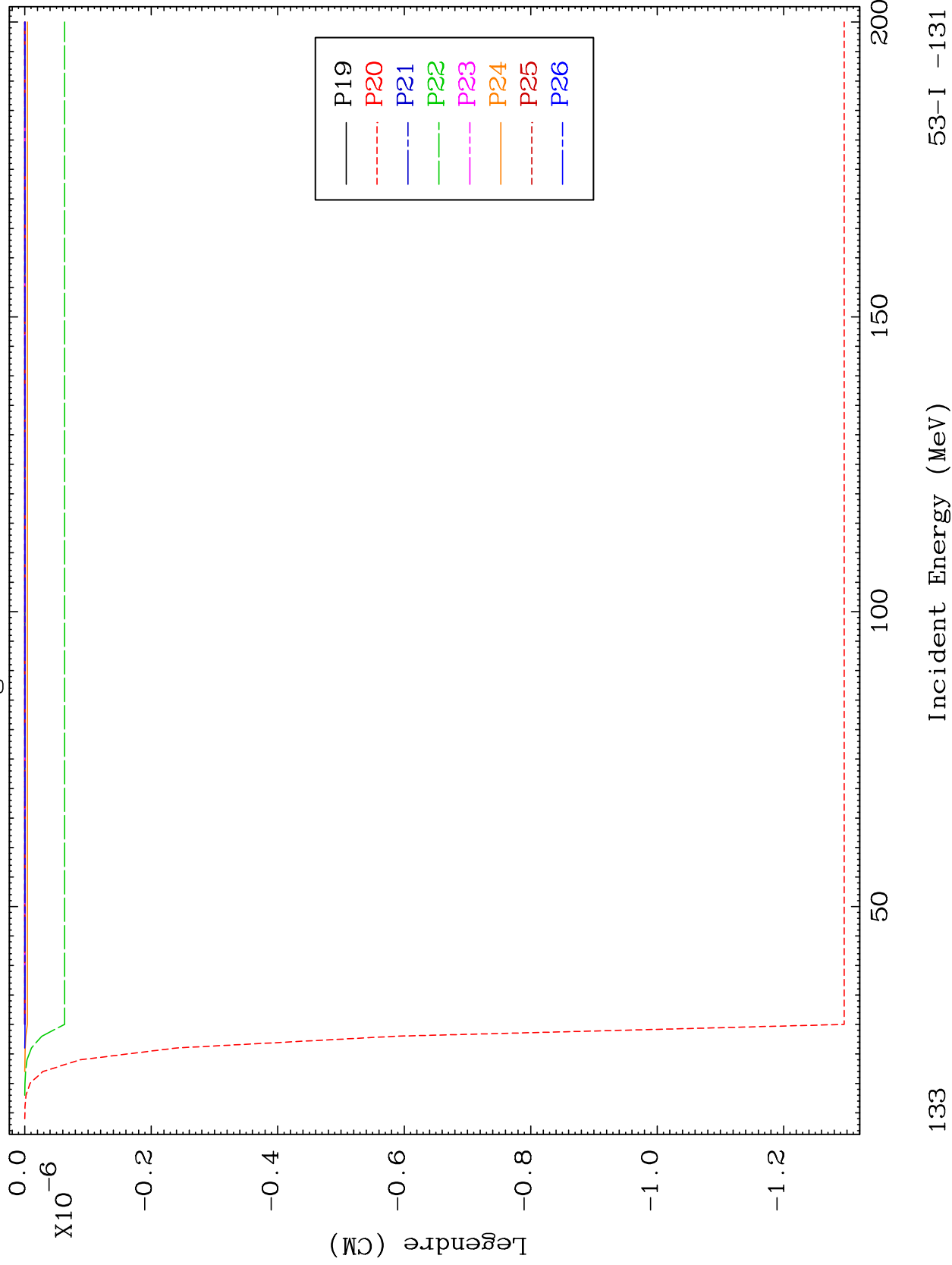




MAT 5337

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

53-I -131



133

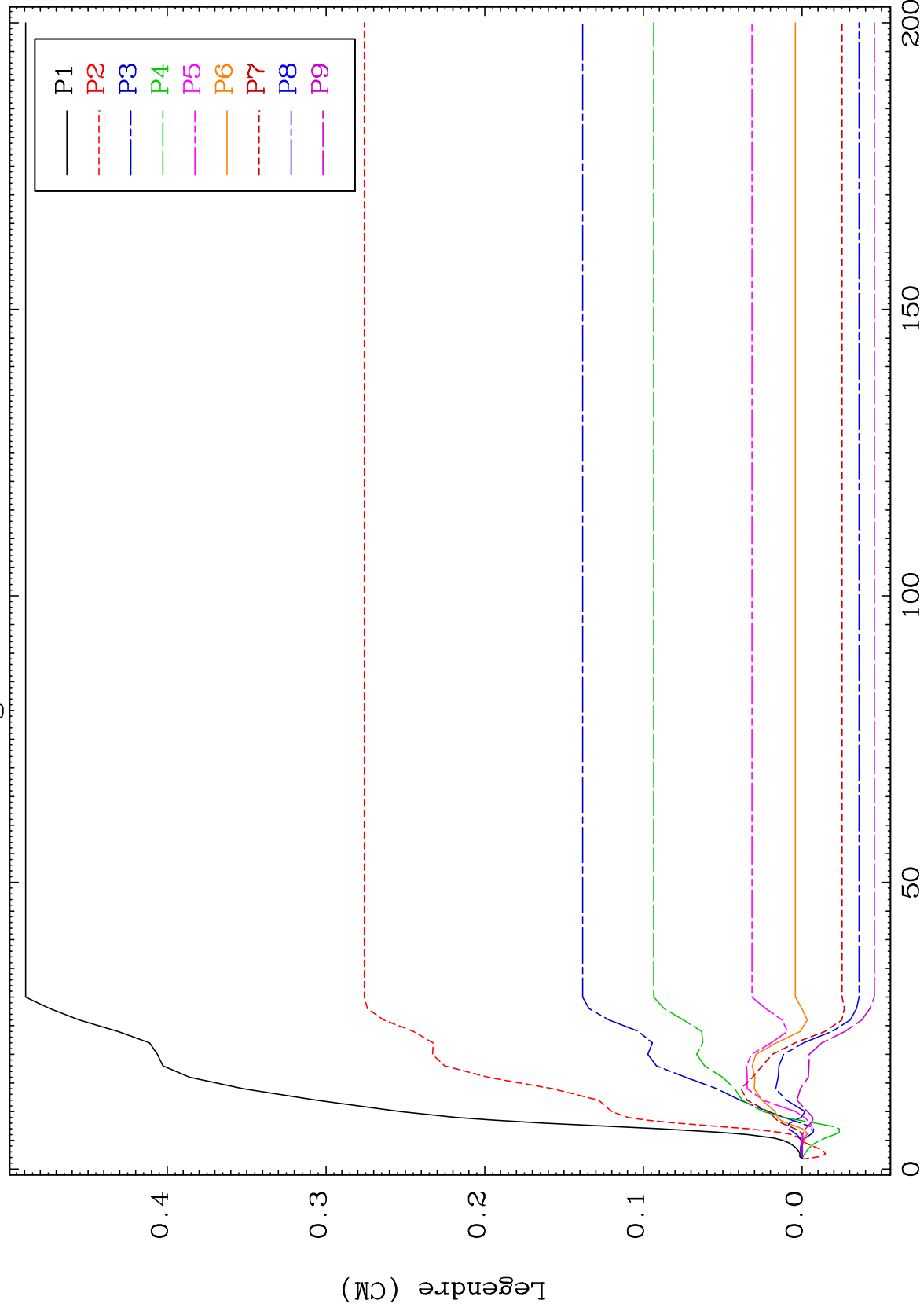
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



53-I -131

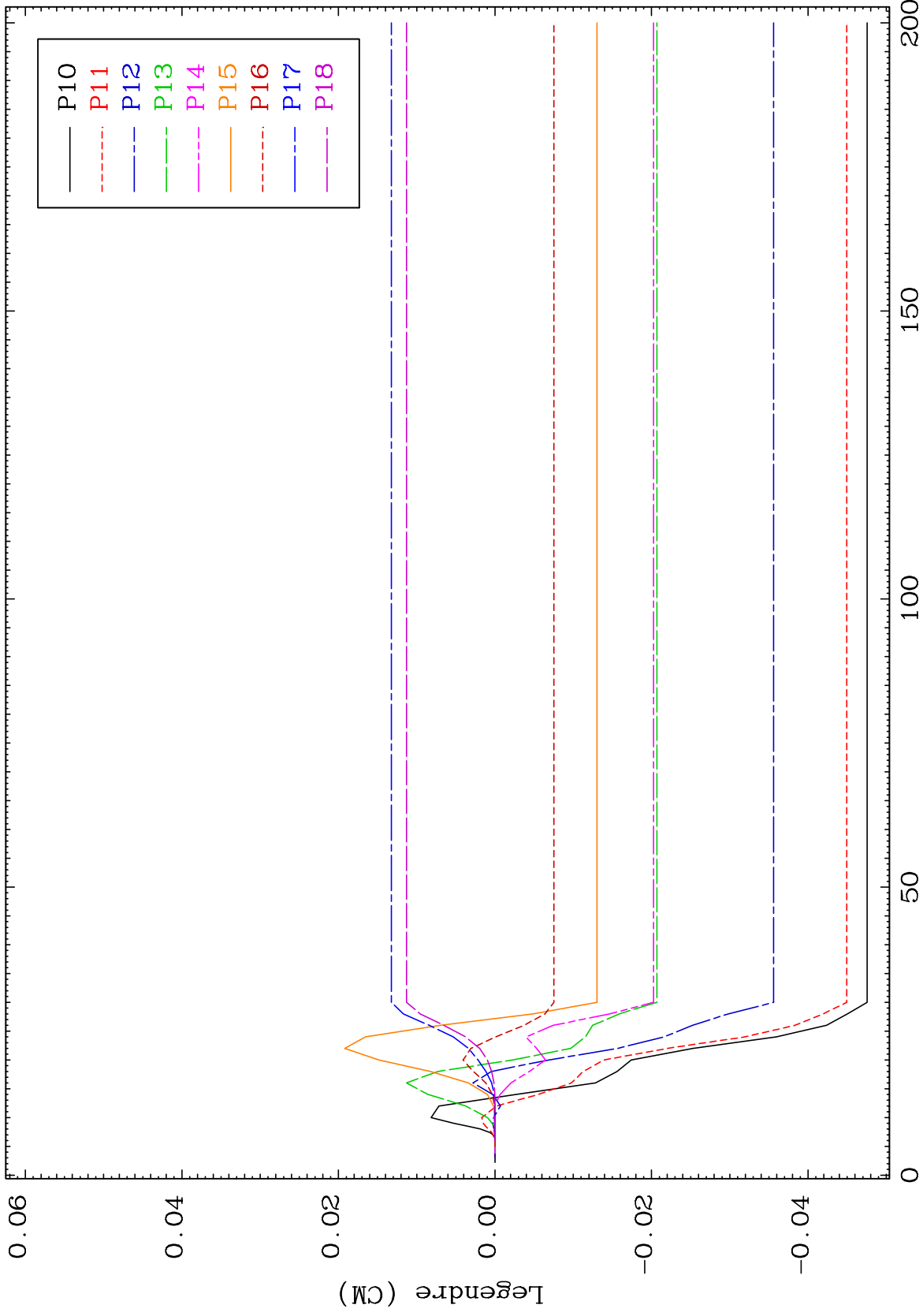
Incident Energy (MeV)

134

MAT 5337

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

53-I -131



135

Incident Energy (MeV)

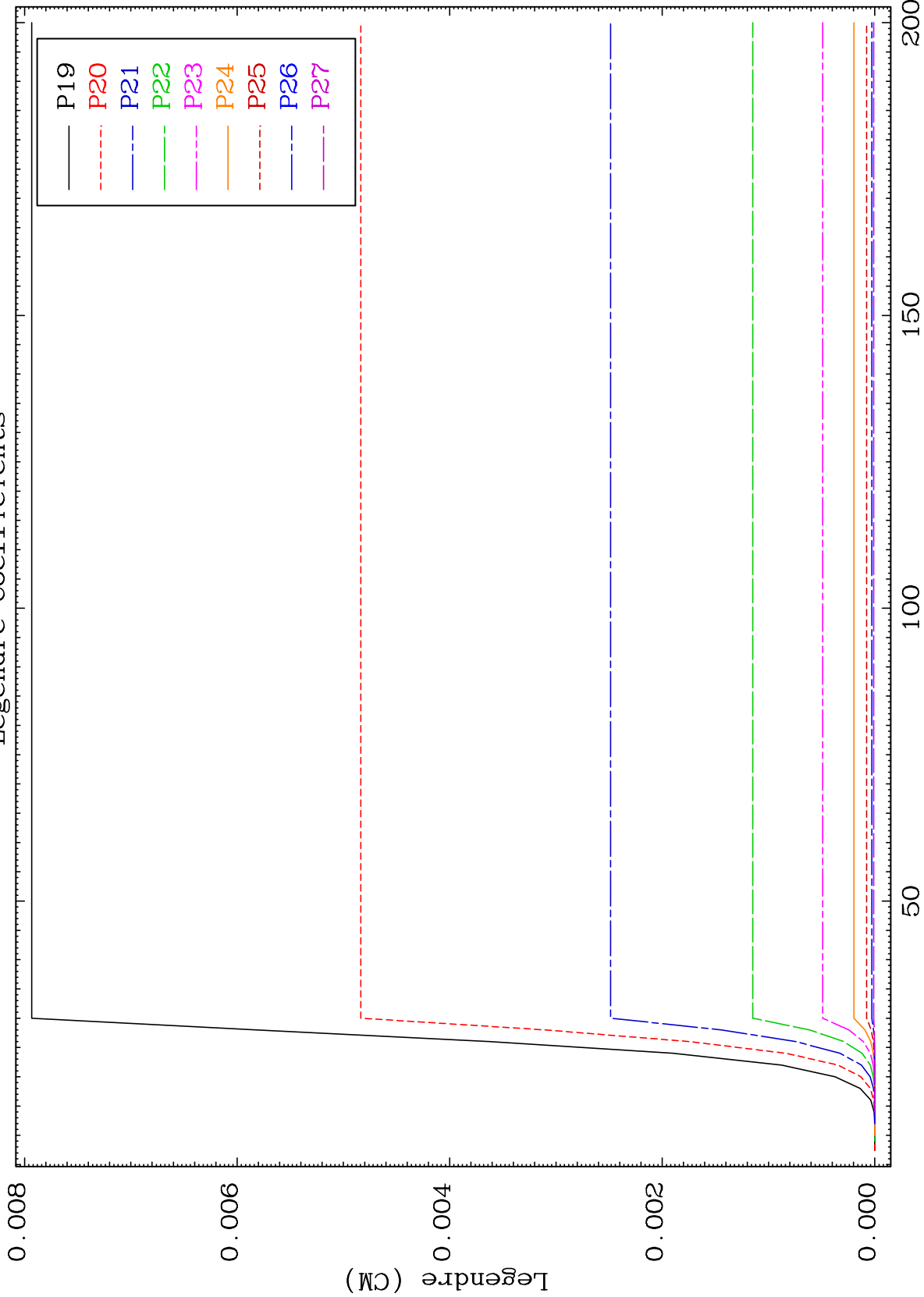
53-I -131



MAT 5337

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

53-I -131



136

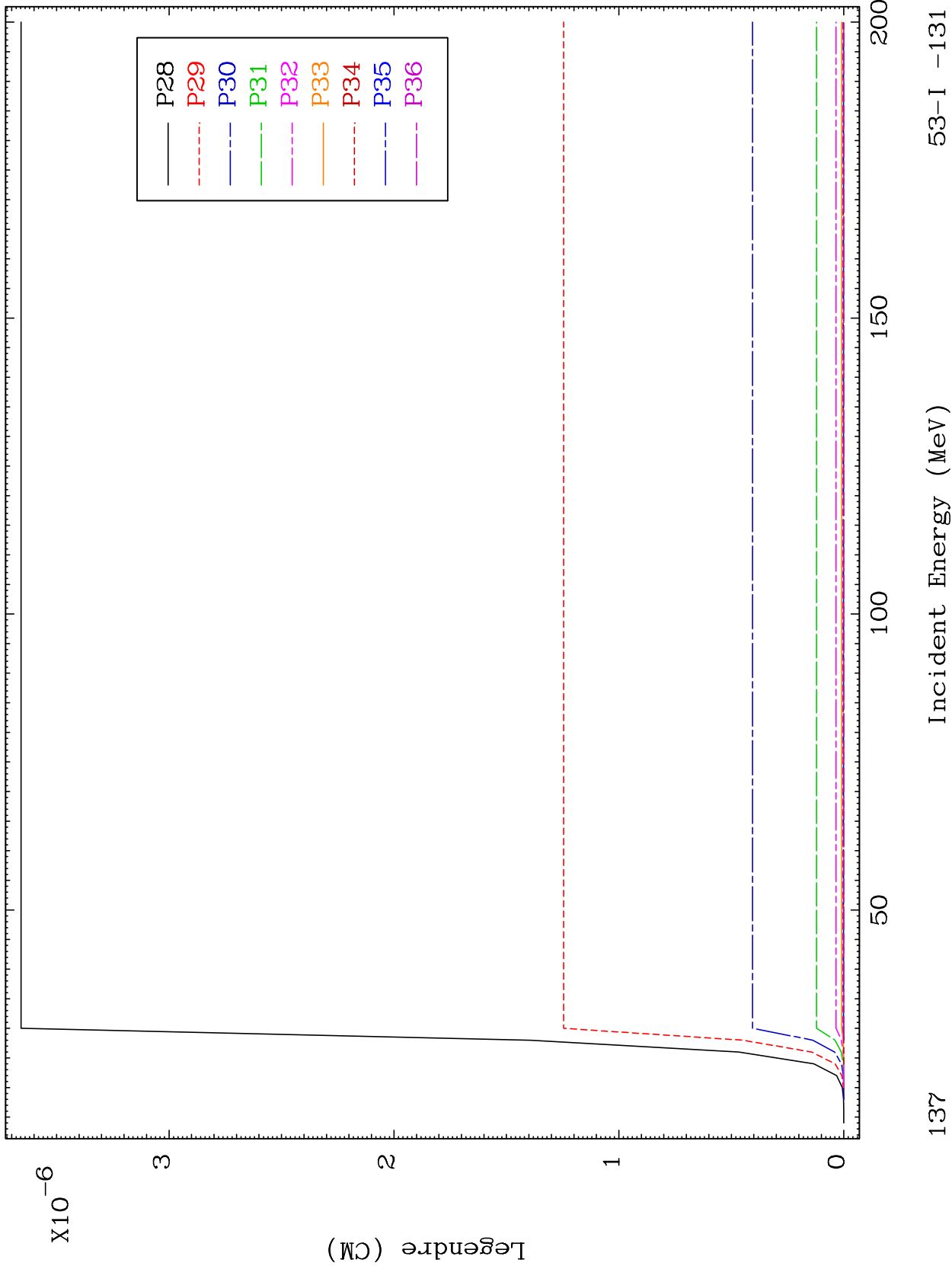
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



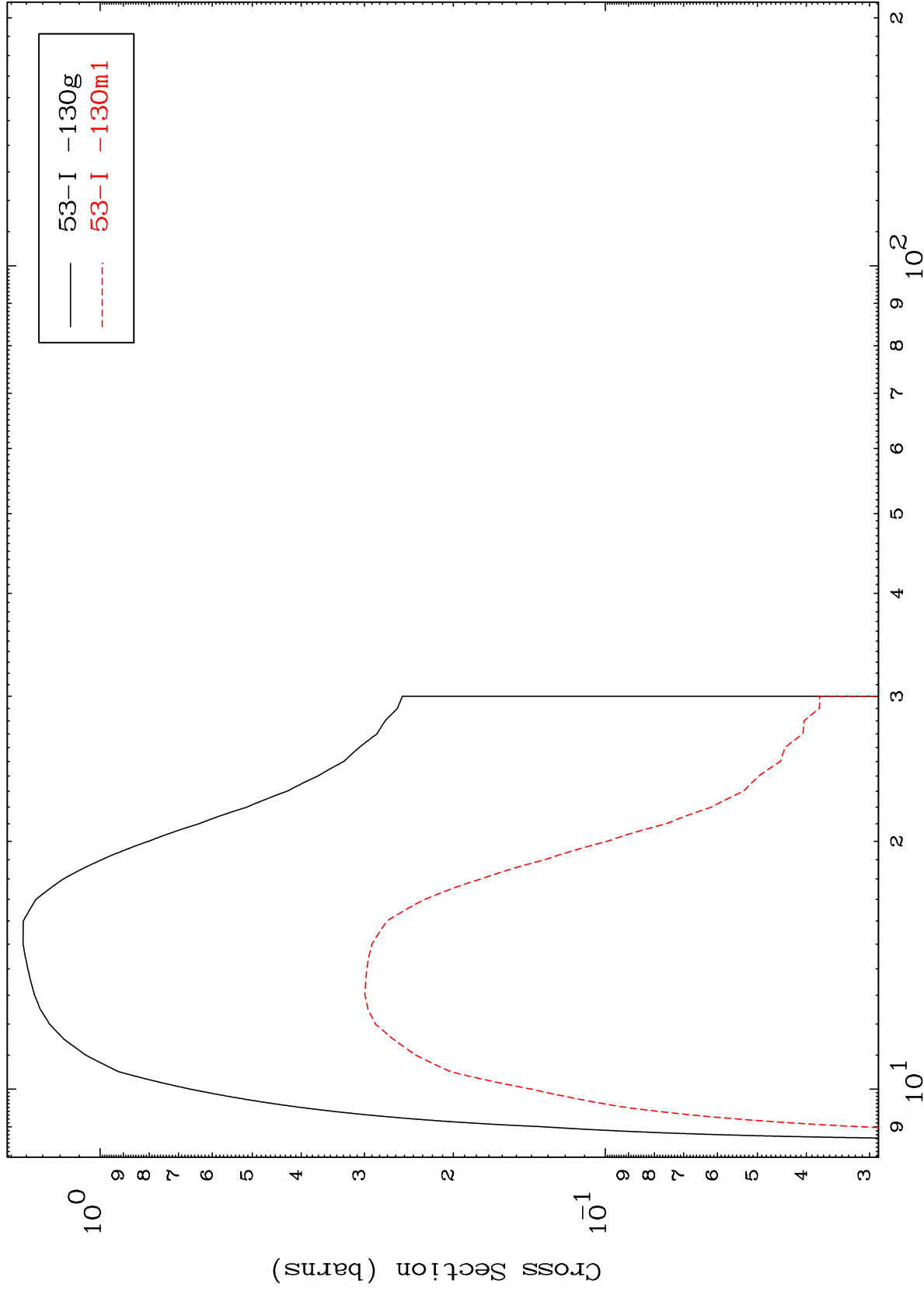
137

MAT 5337

(n,2n)

53-I -131

Radionuclide Production Cross Section

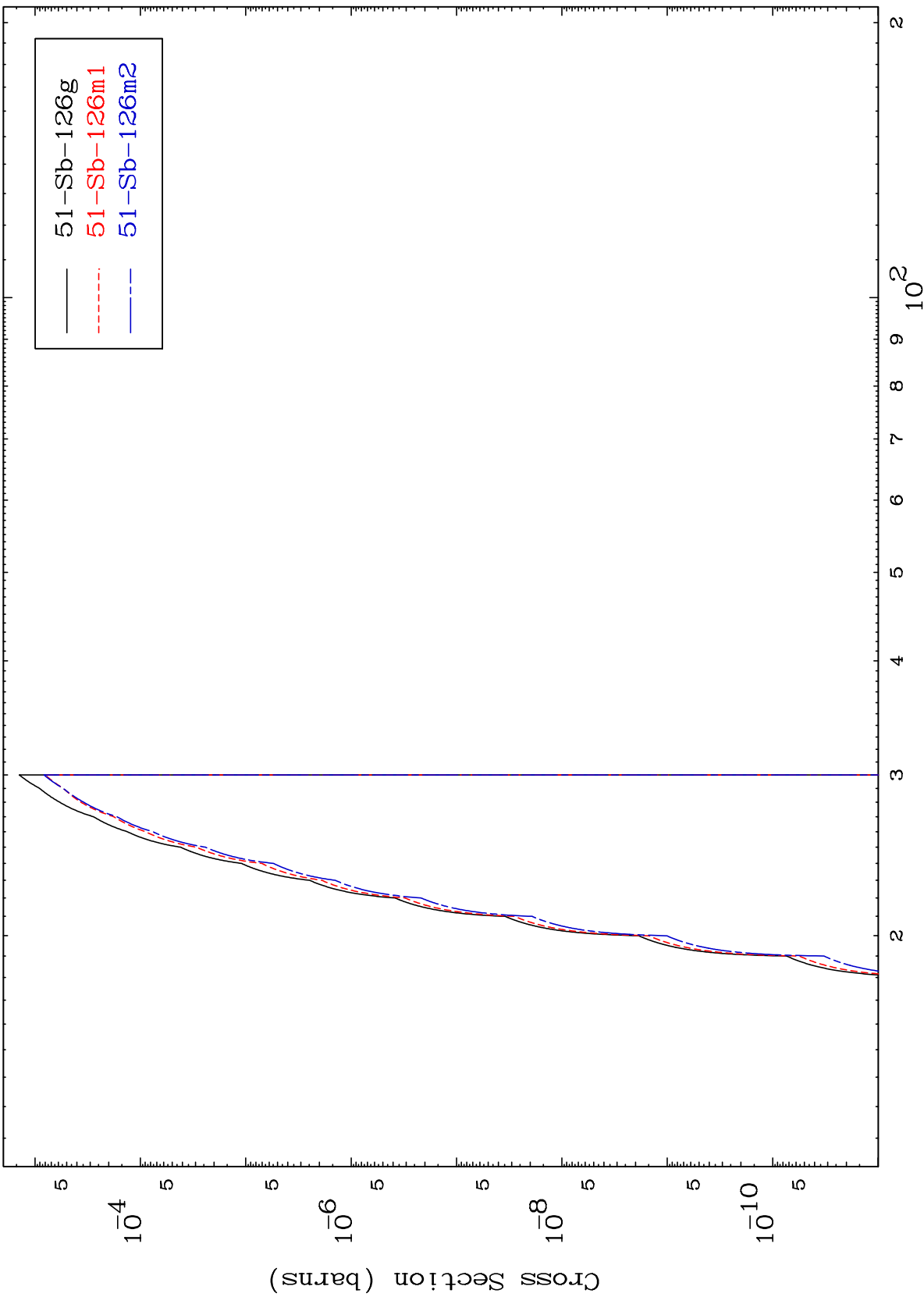


138

Incident Energy (MeV)

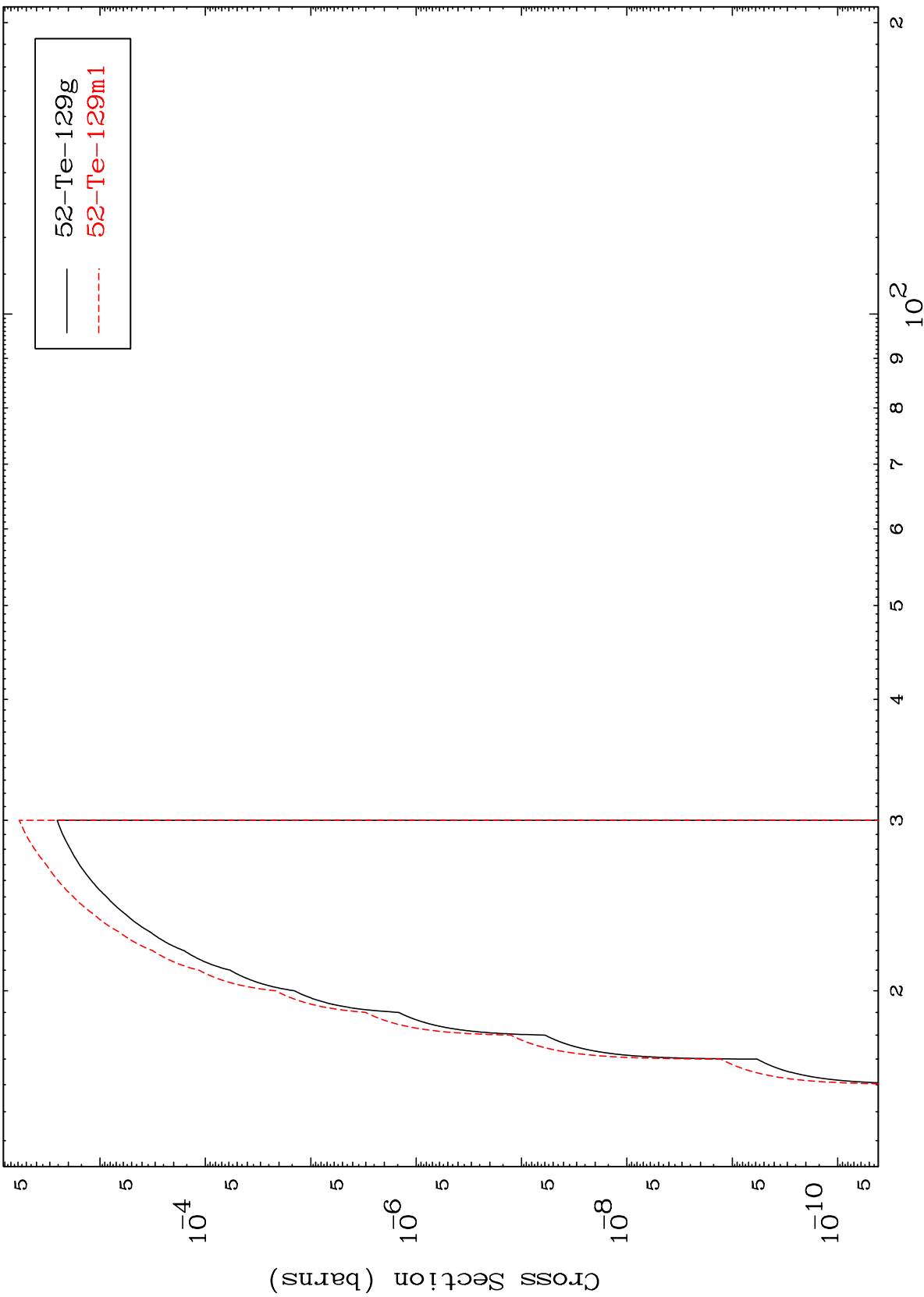
53-I -131

Radionuclide Production Cross Section

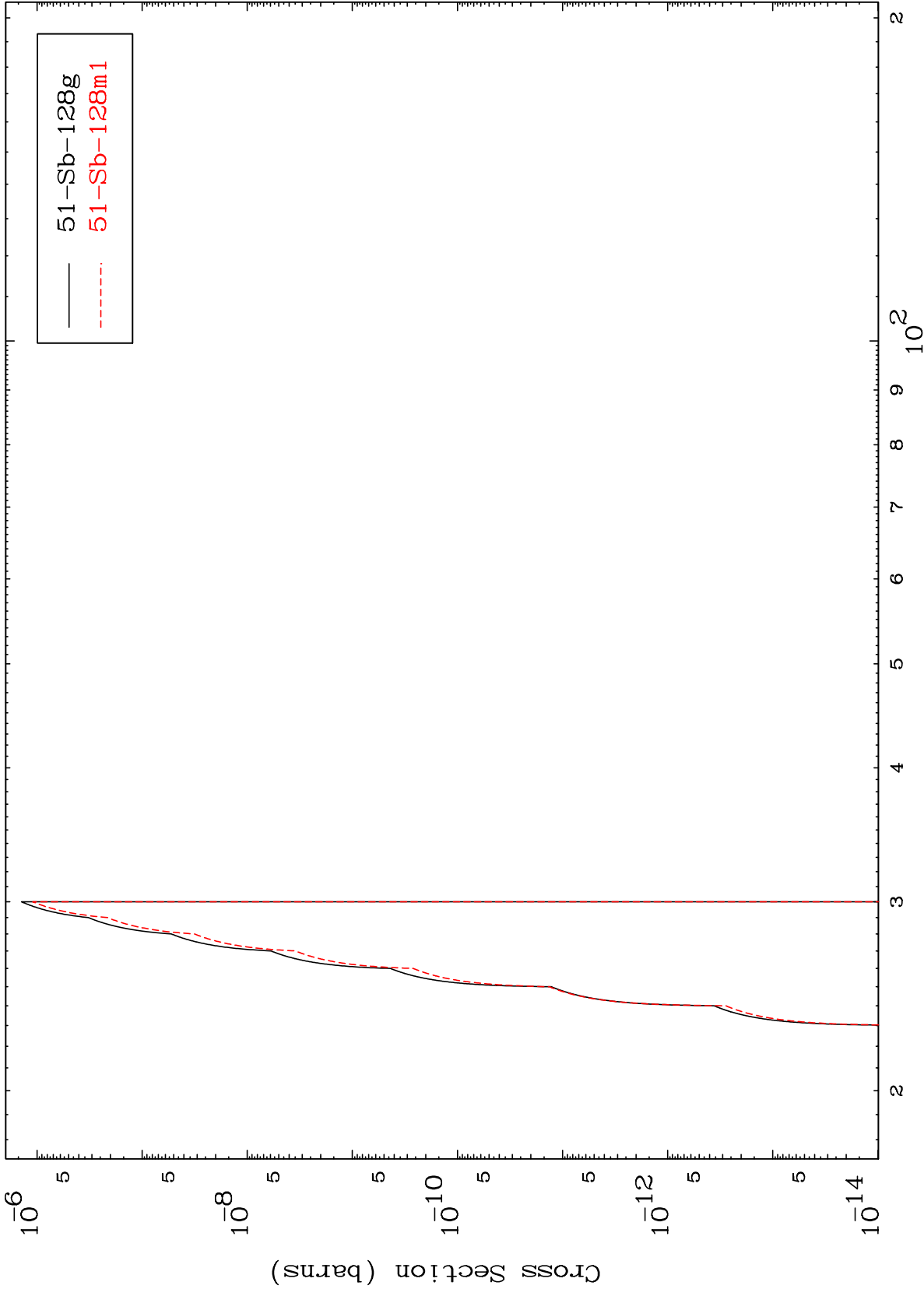


51-Sb-126g  
51-Sb-126m1  
51-Sb-126m2

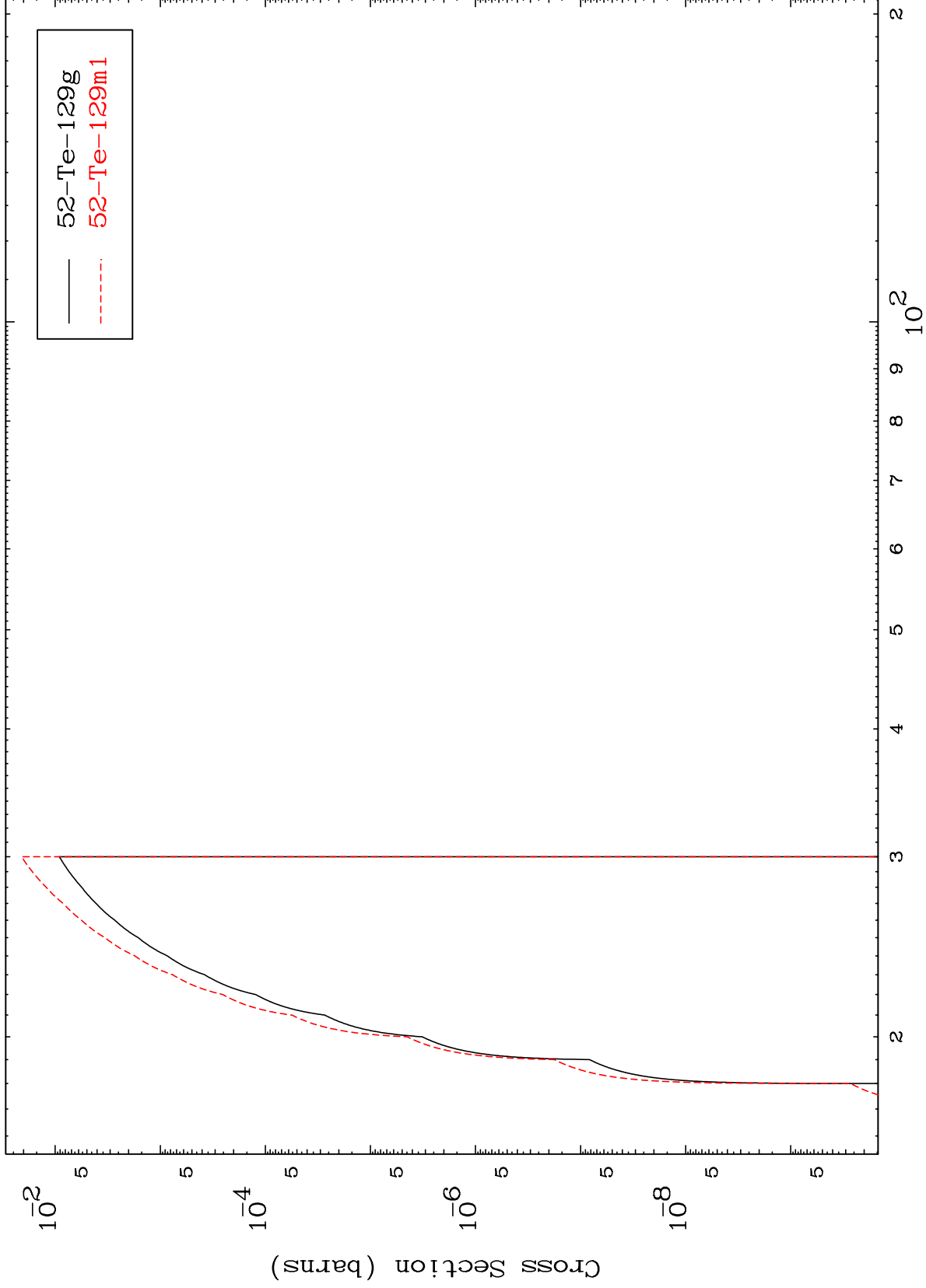
Radionuclide Production Cross Section



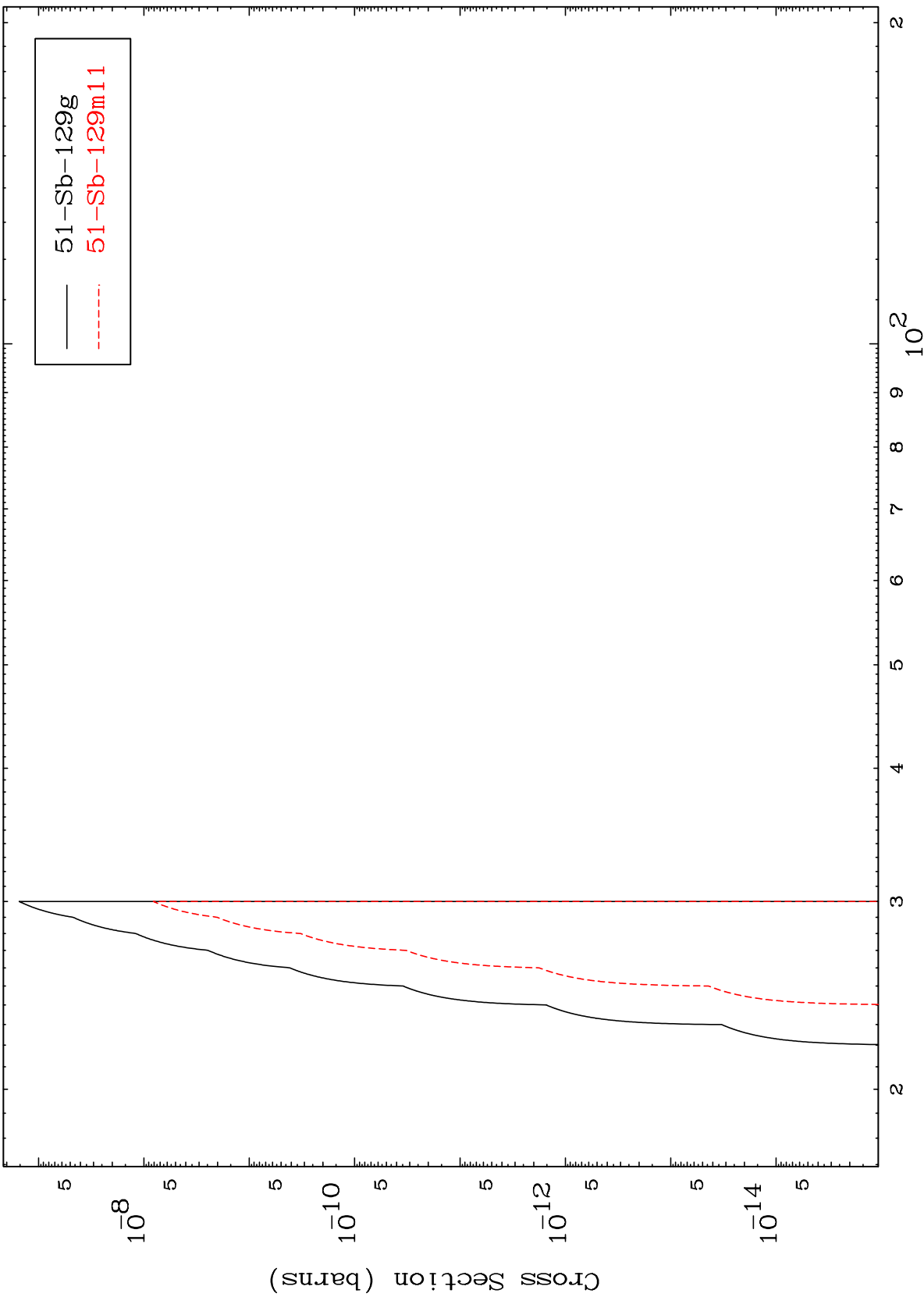
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section



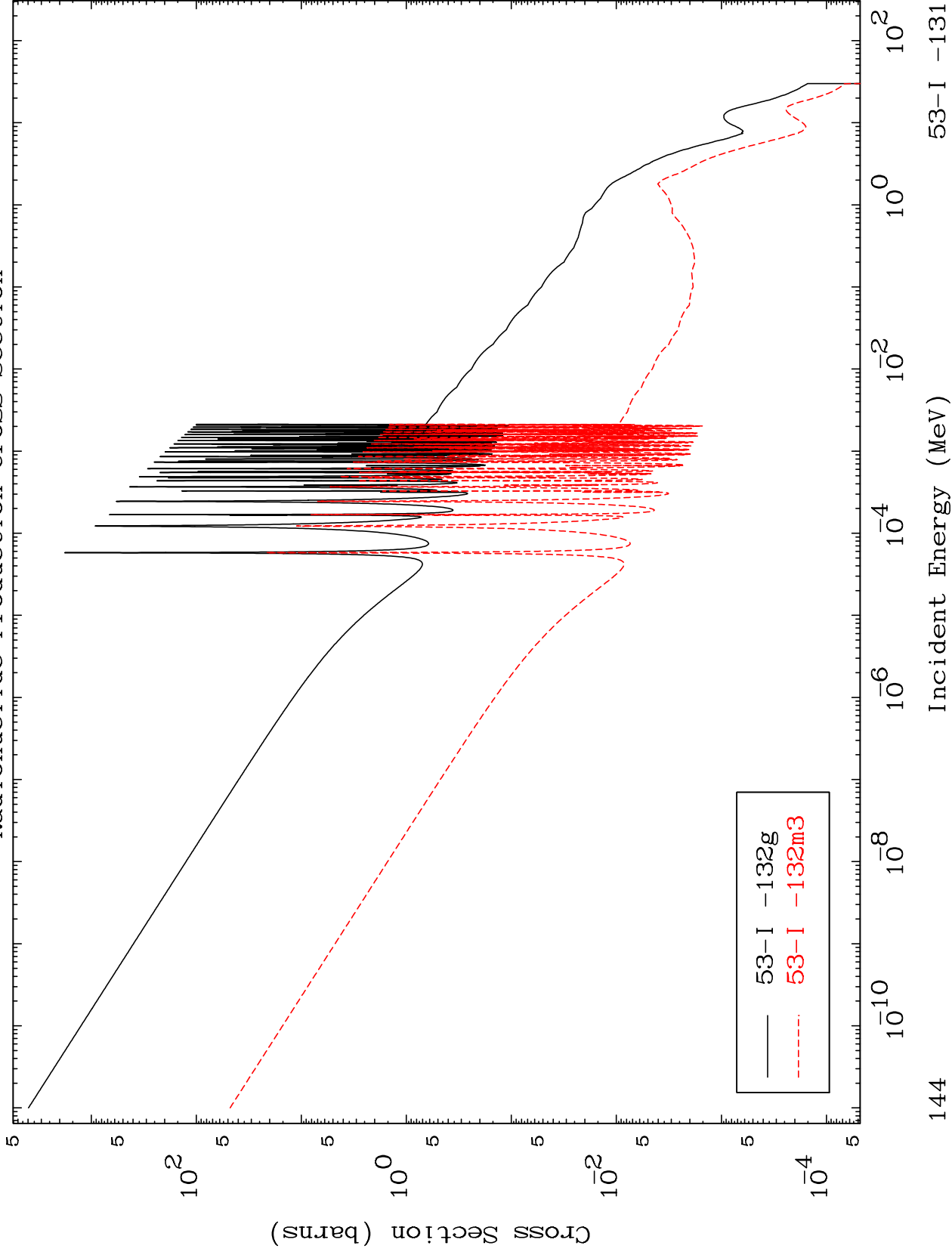
51-Sb-129g  
51-Sb-129m1



MAT 5337

53-I -131

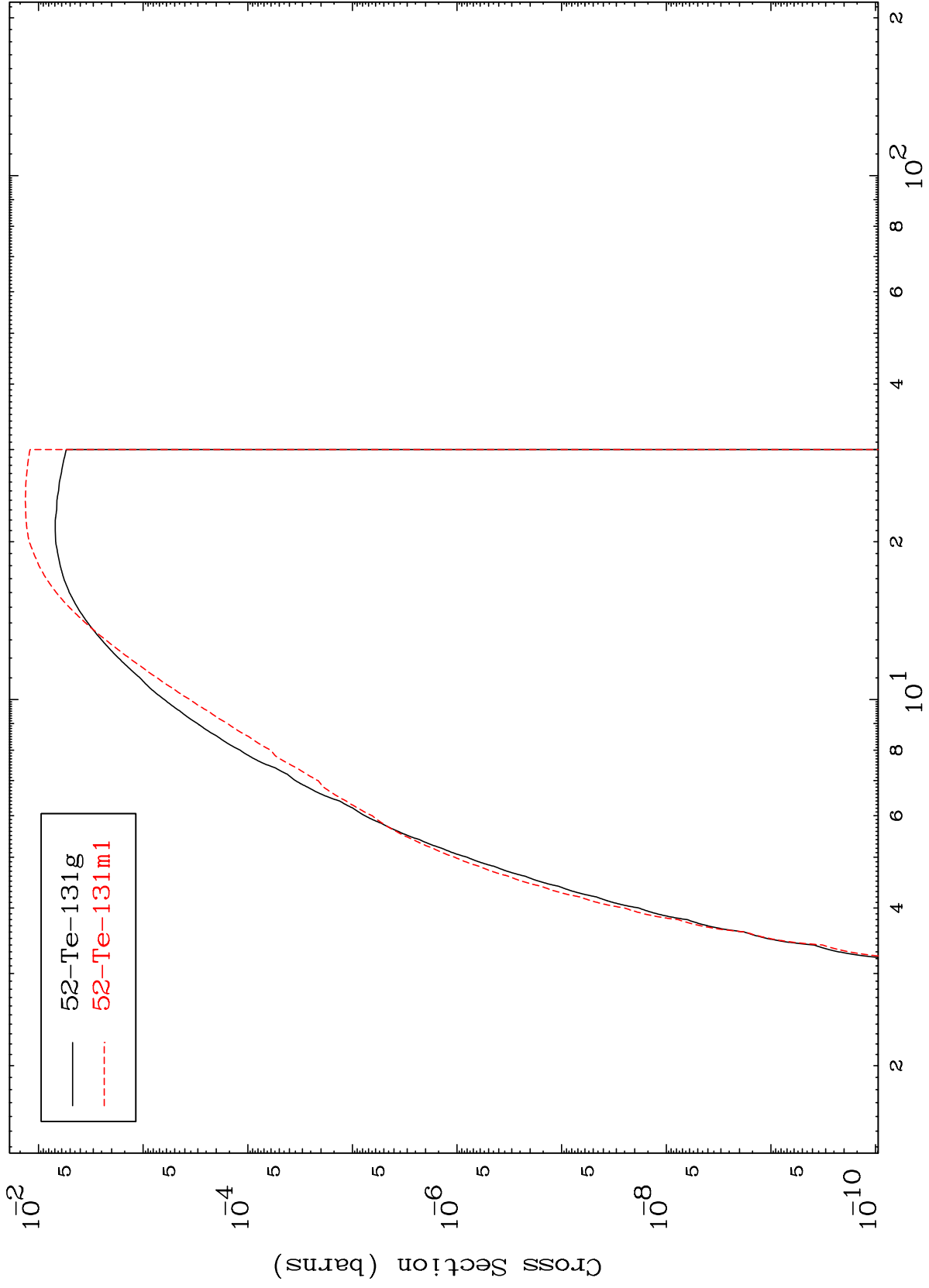
$(n, \gamma)$   
Radionuclide Production Cross Section



MAT 5337

53-I -131

(n,p)  
Radionuclide Production Cross Section



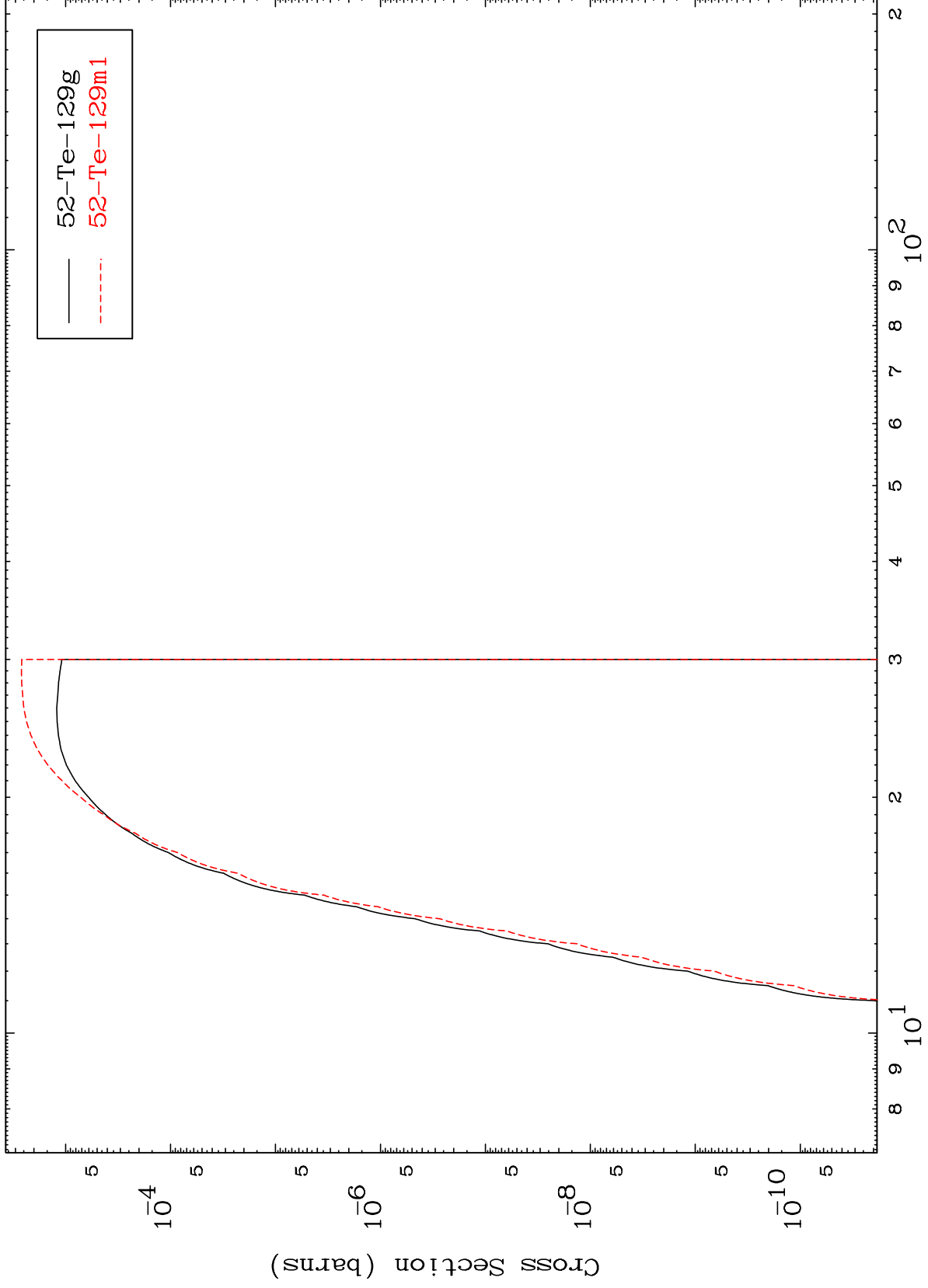
— 52-Te-131g  
- - - 52-Te-131m1

145

53-I -131

Incident Energy (MeV)

(n,t)  
Radionuclide Production Cross Section

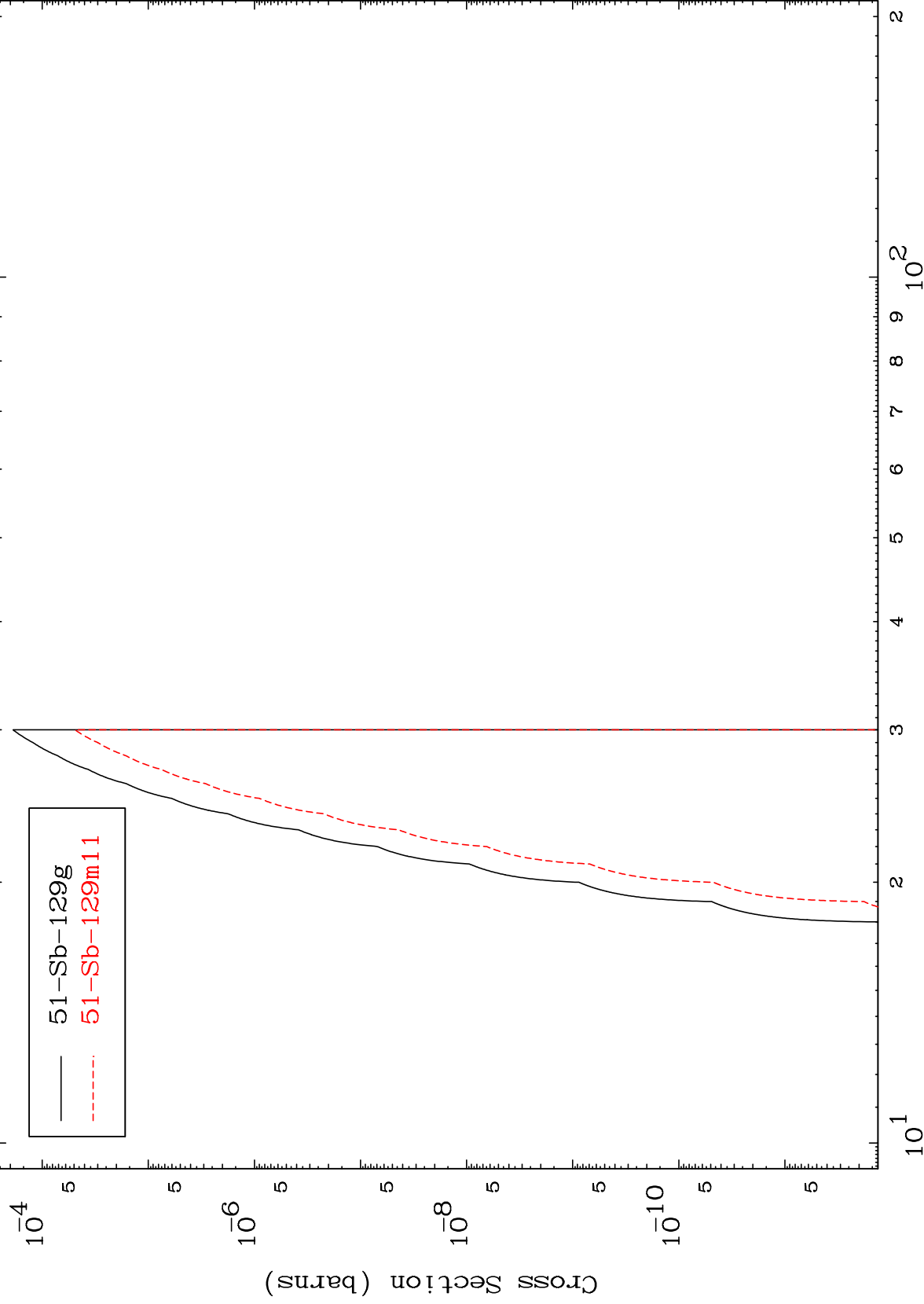


MAT 5337

(n,He-3)

53-I -131

Radionuclide Production Cross Section



147

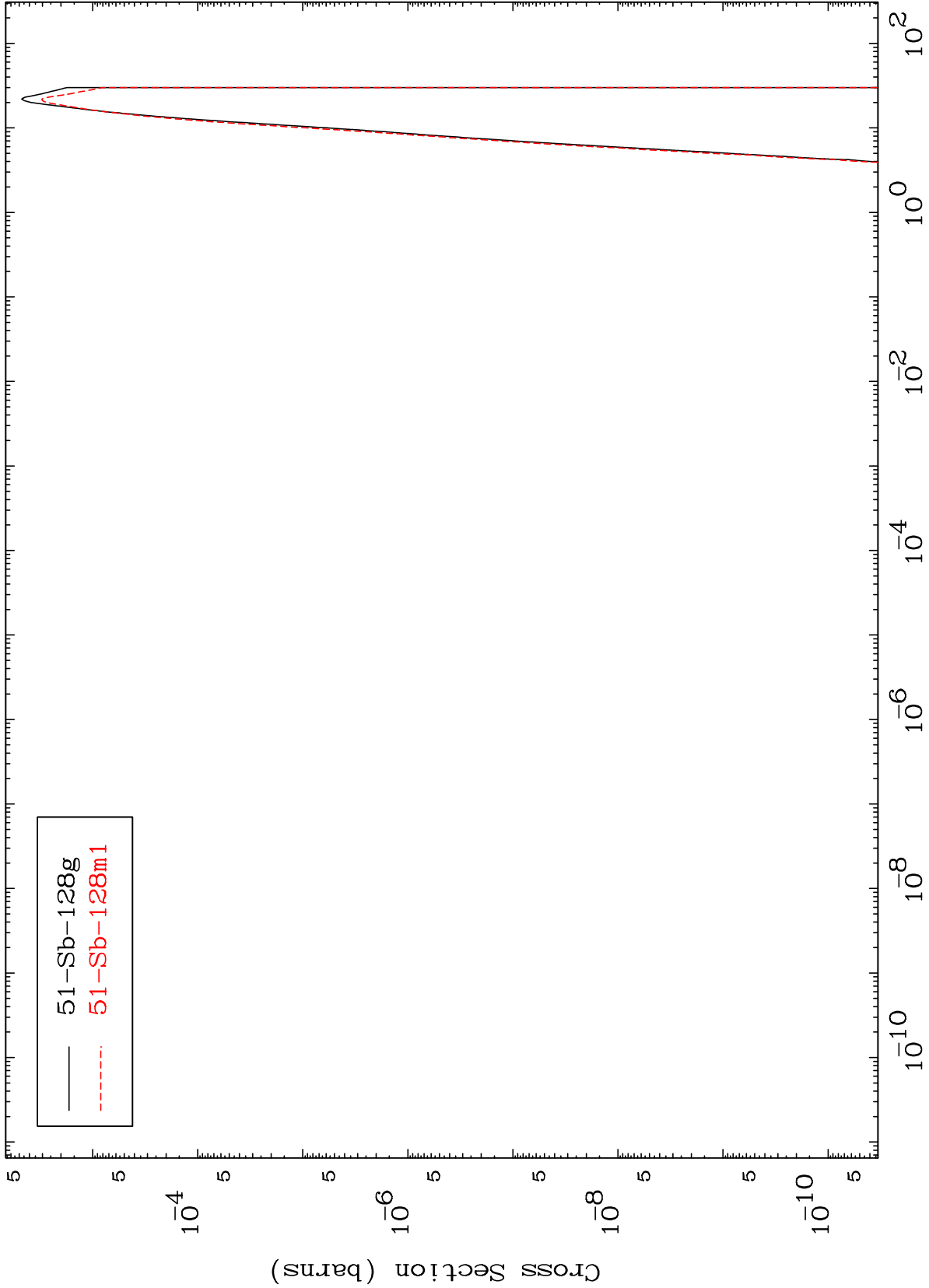
Incident Energy (MeV)

53-I -131

MAT 5337

53-I -131

Radionuclide Production Cross Section



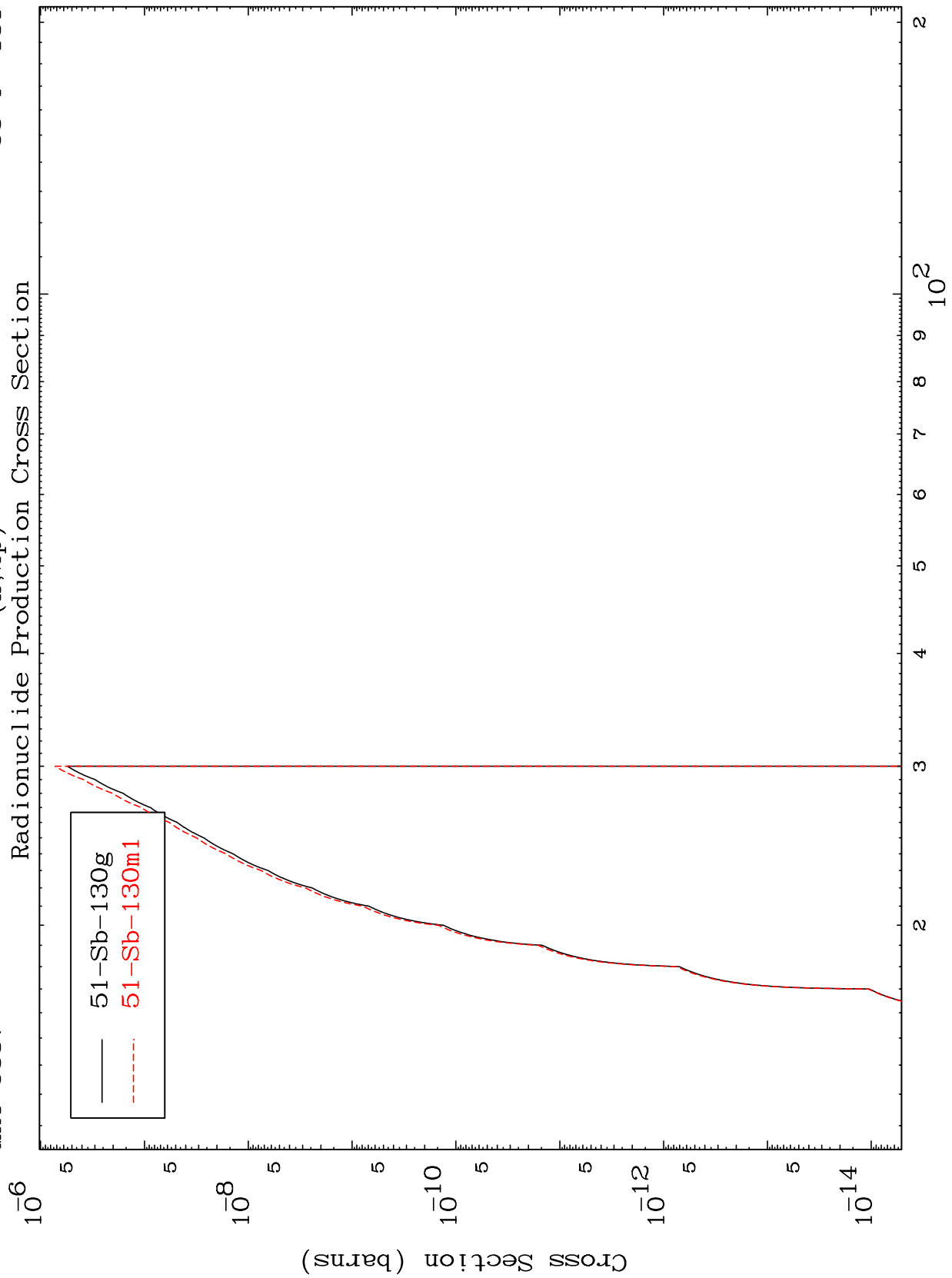
51-Sb-128g  
51-Sb-128m1

53-I -131

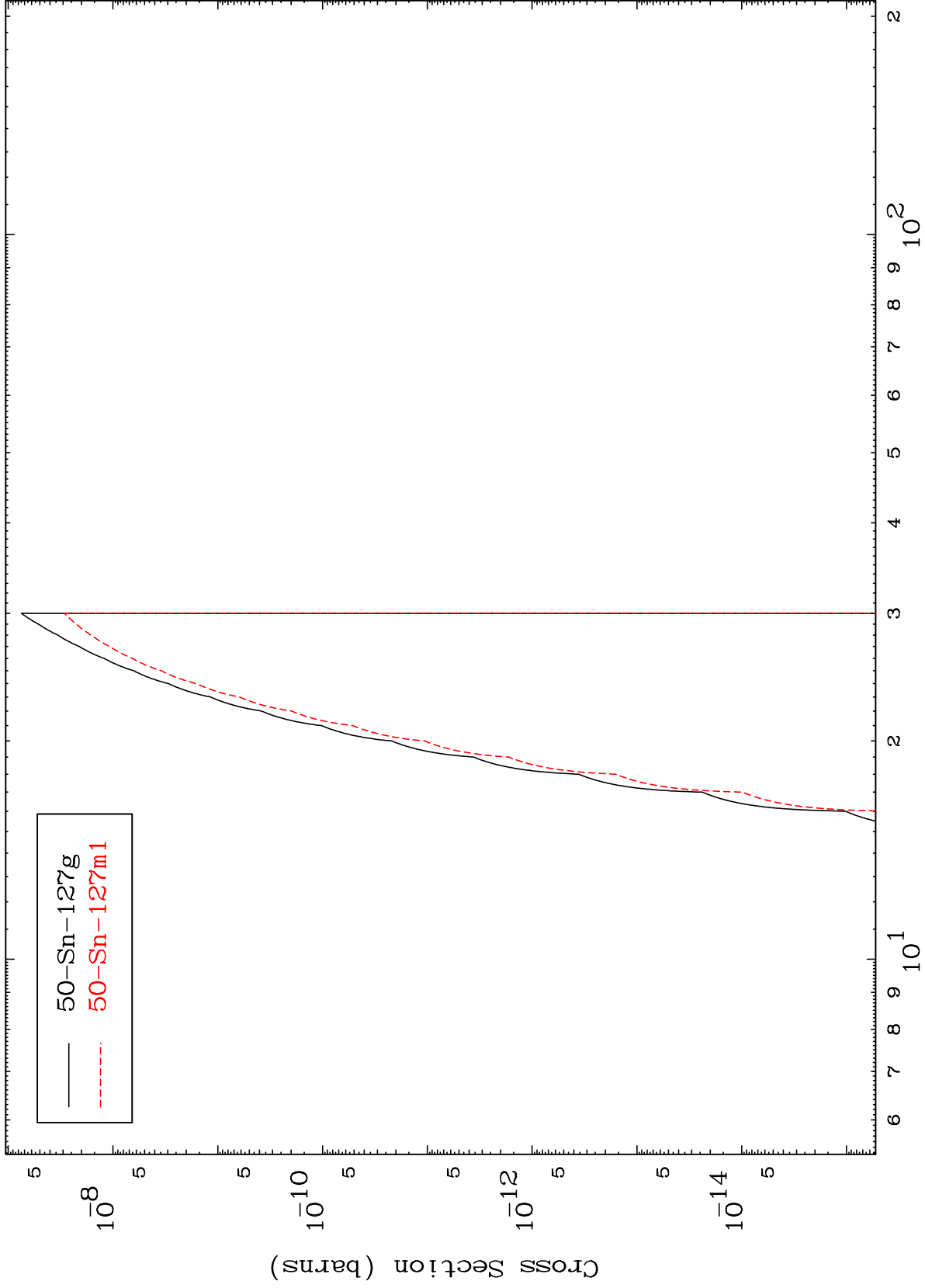
Incident Energy (MeV)

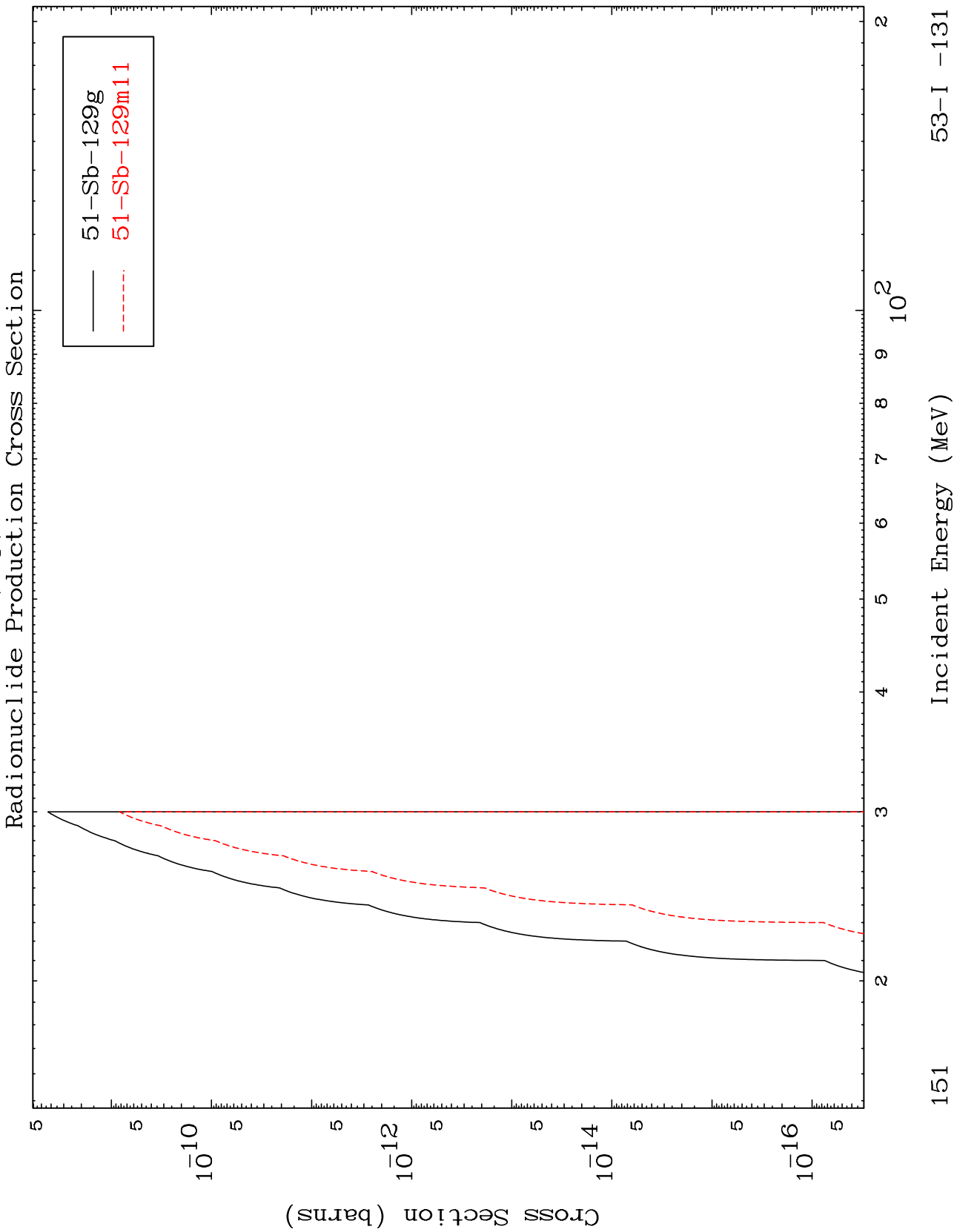
148

Radionuclide Production Cross Section  
(n,2p)



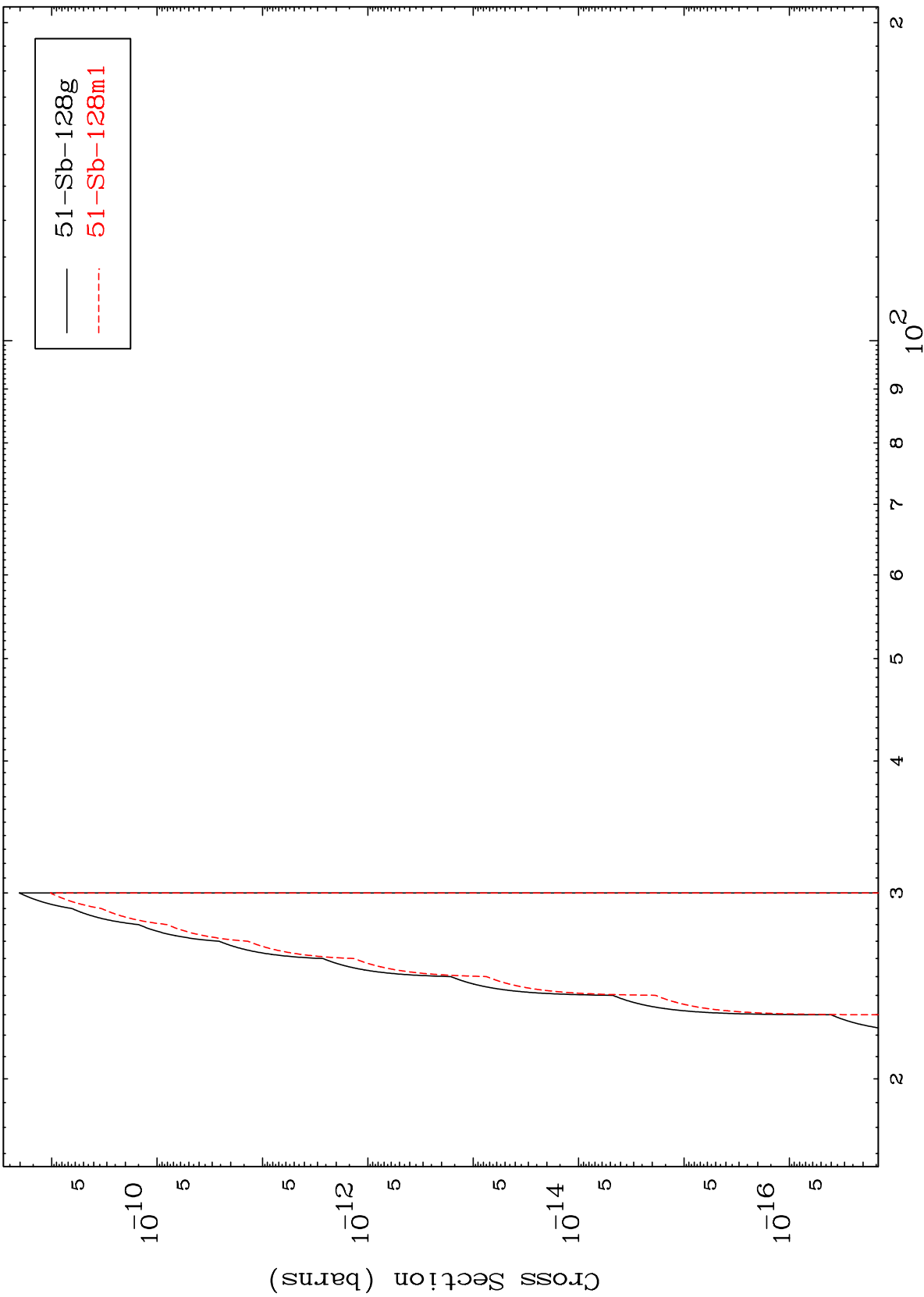
Radionuclide Production Cross Section







Radionuclide Production Cross Section



51-Sb-128g  
51-Sb-128m1