

Program EVALPLOT  
(Version 2021-1)

by

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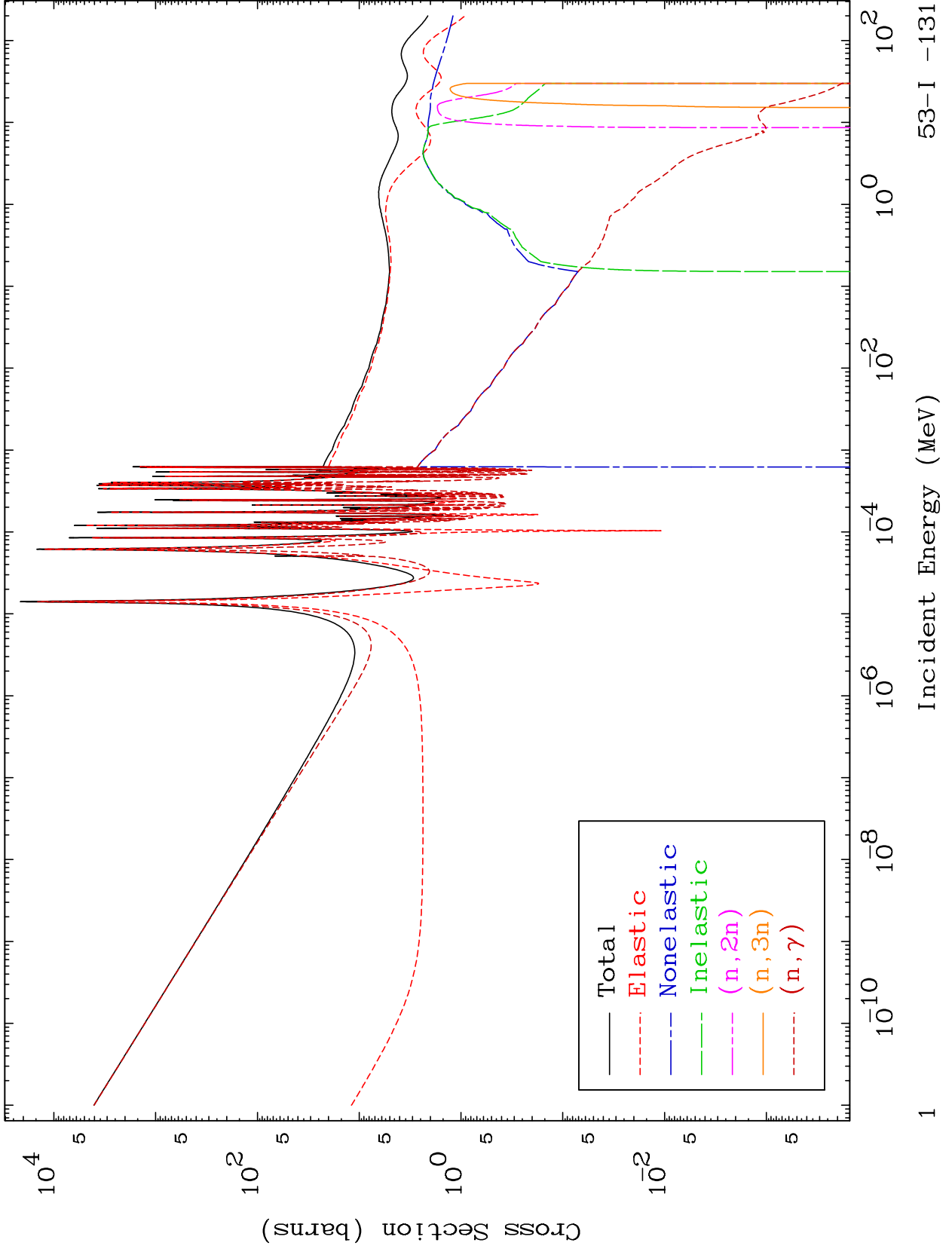
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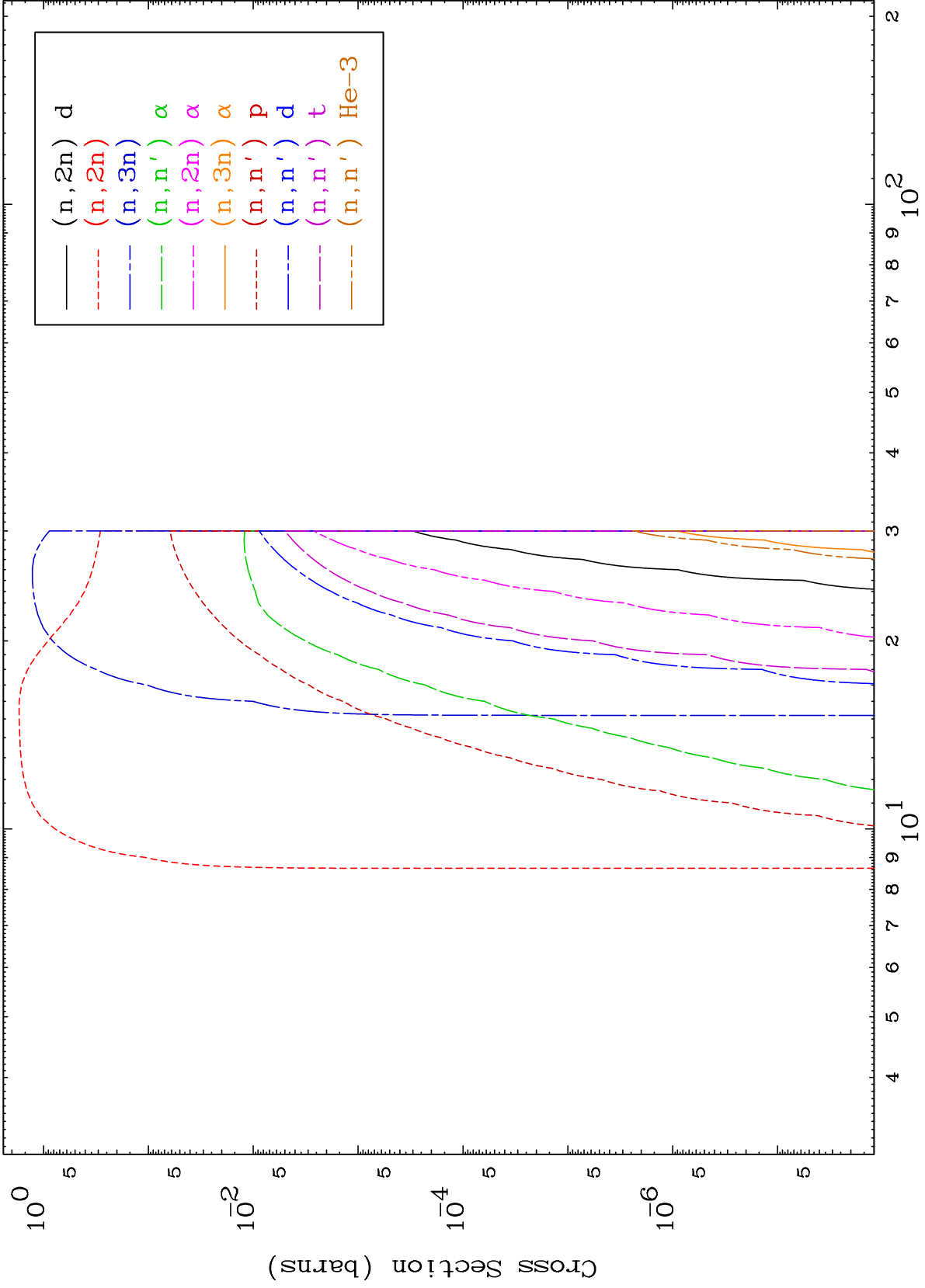
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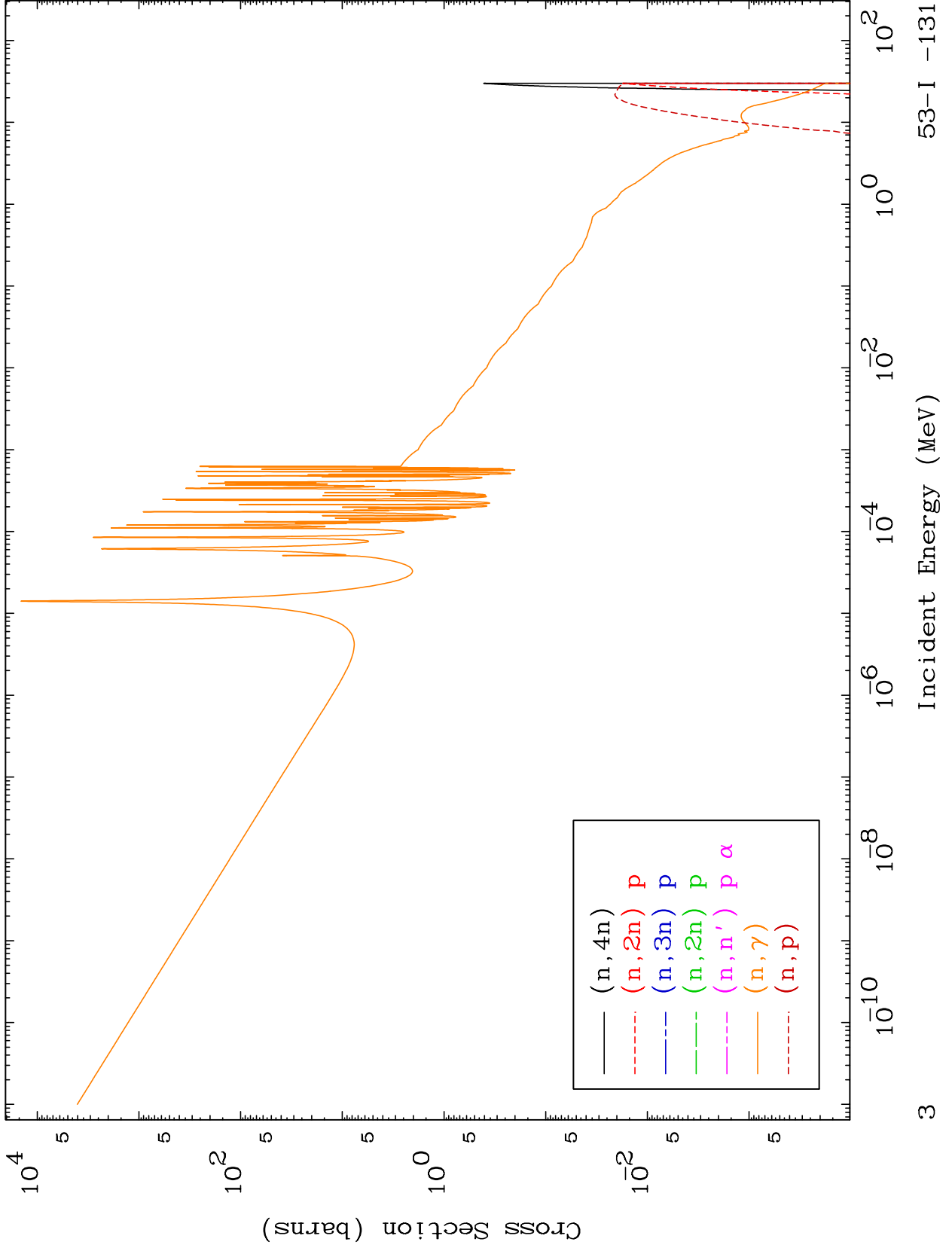
MAT 5337

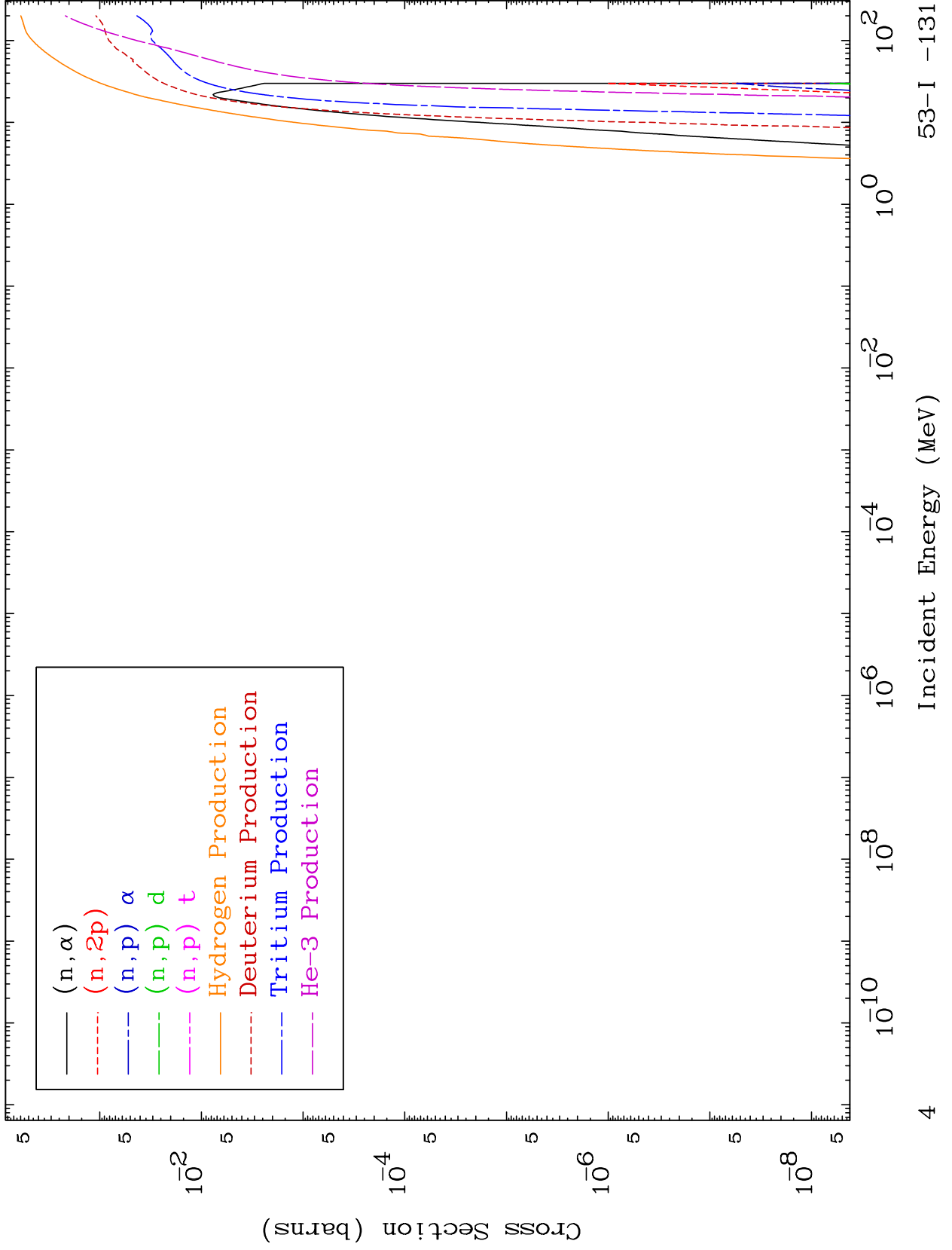
Neutron Major  
293 Kelvin Cross Sections

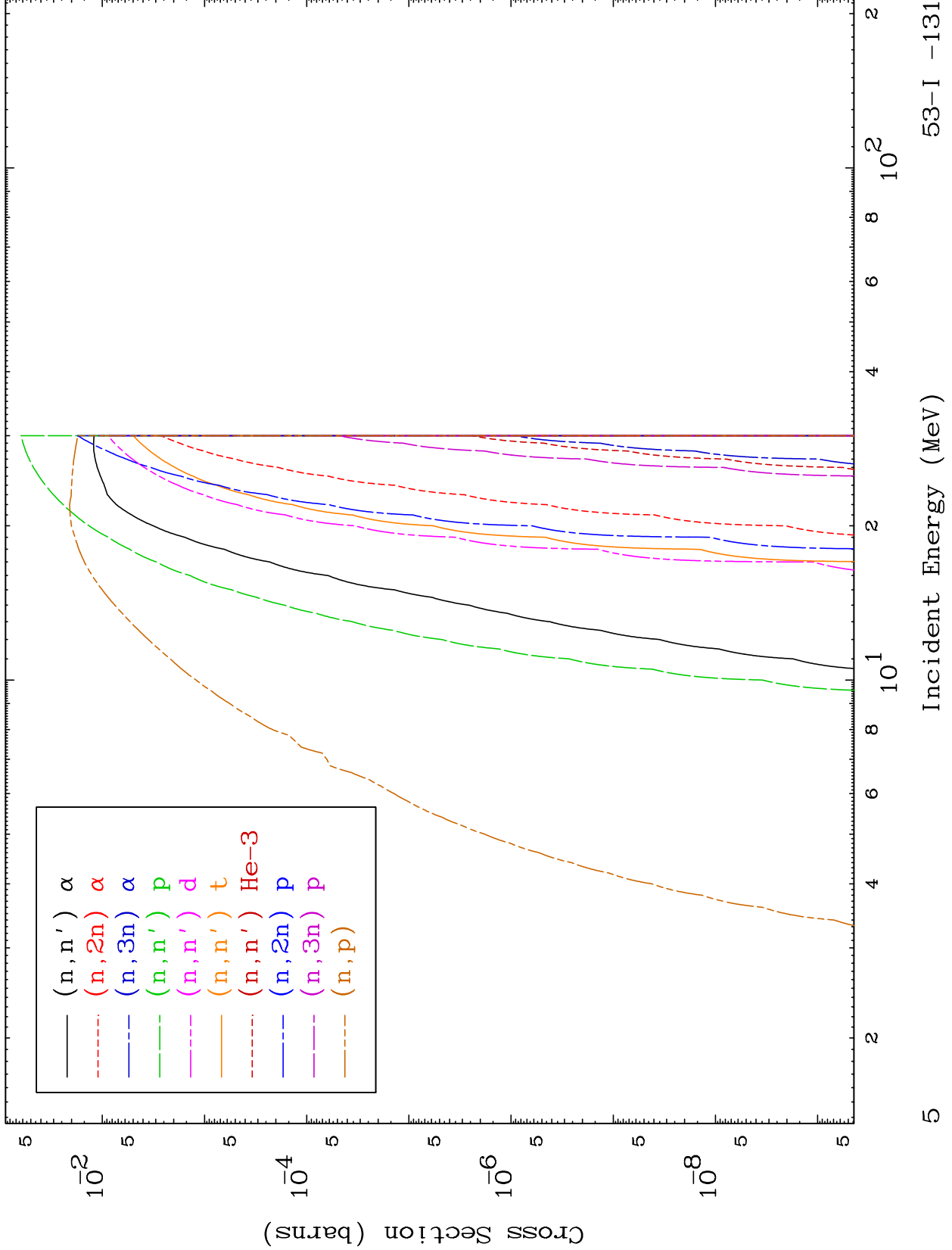
53-I -131

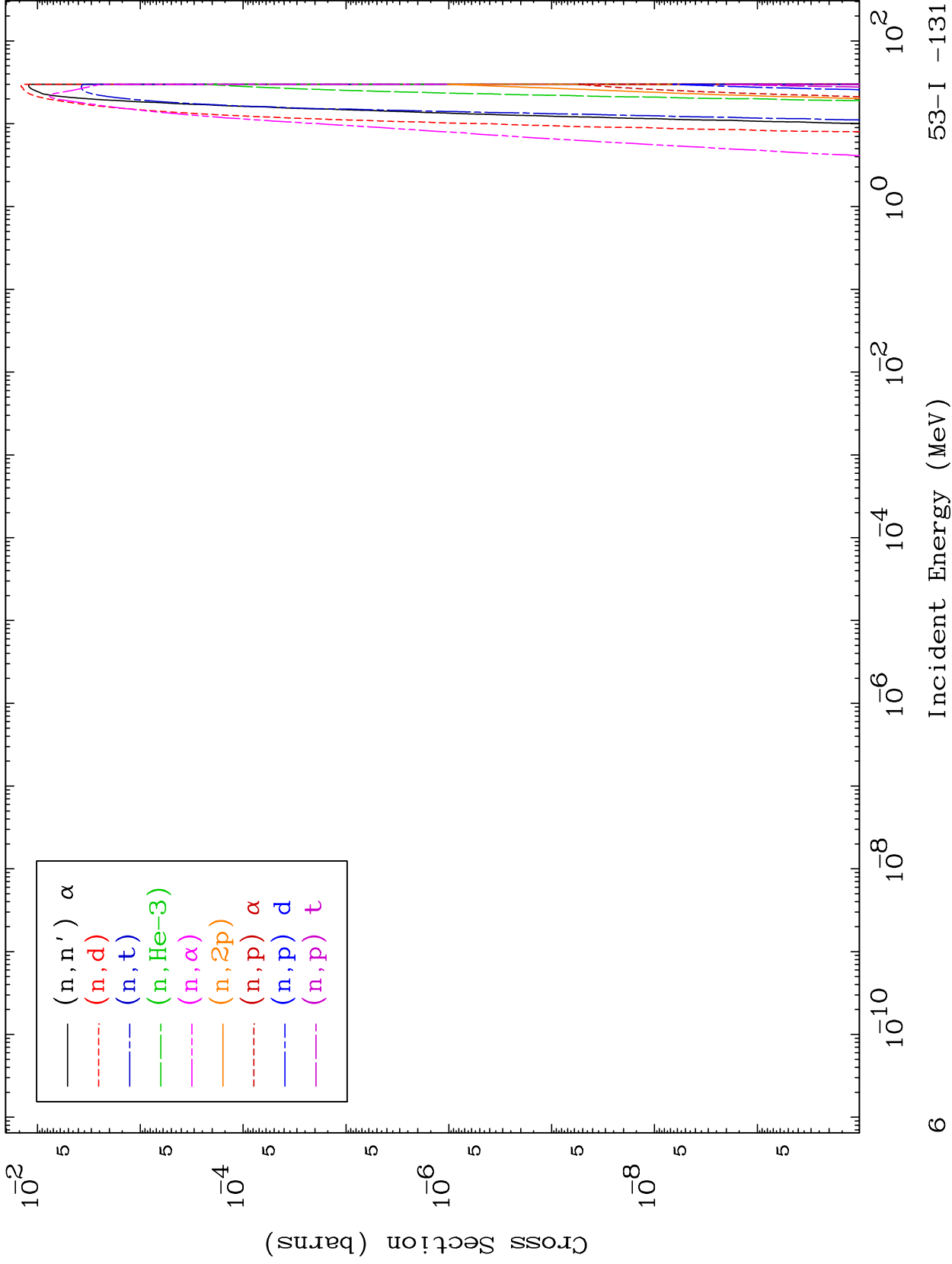


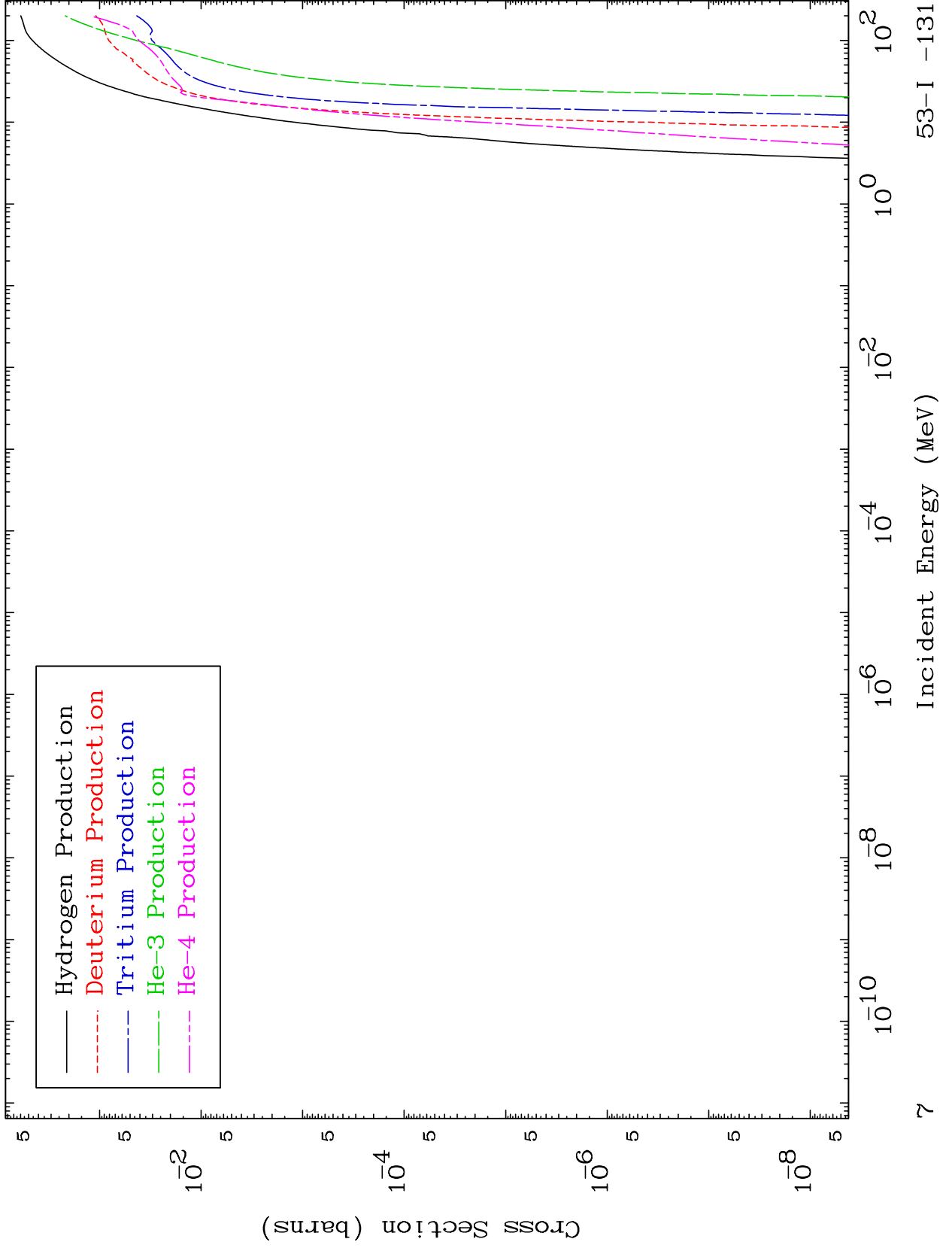




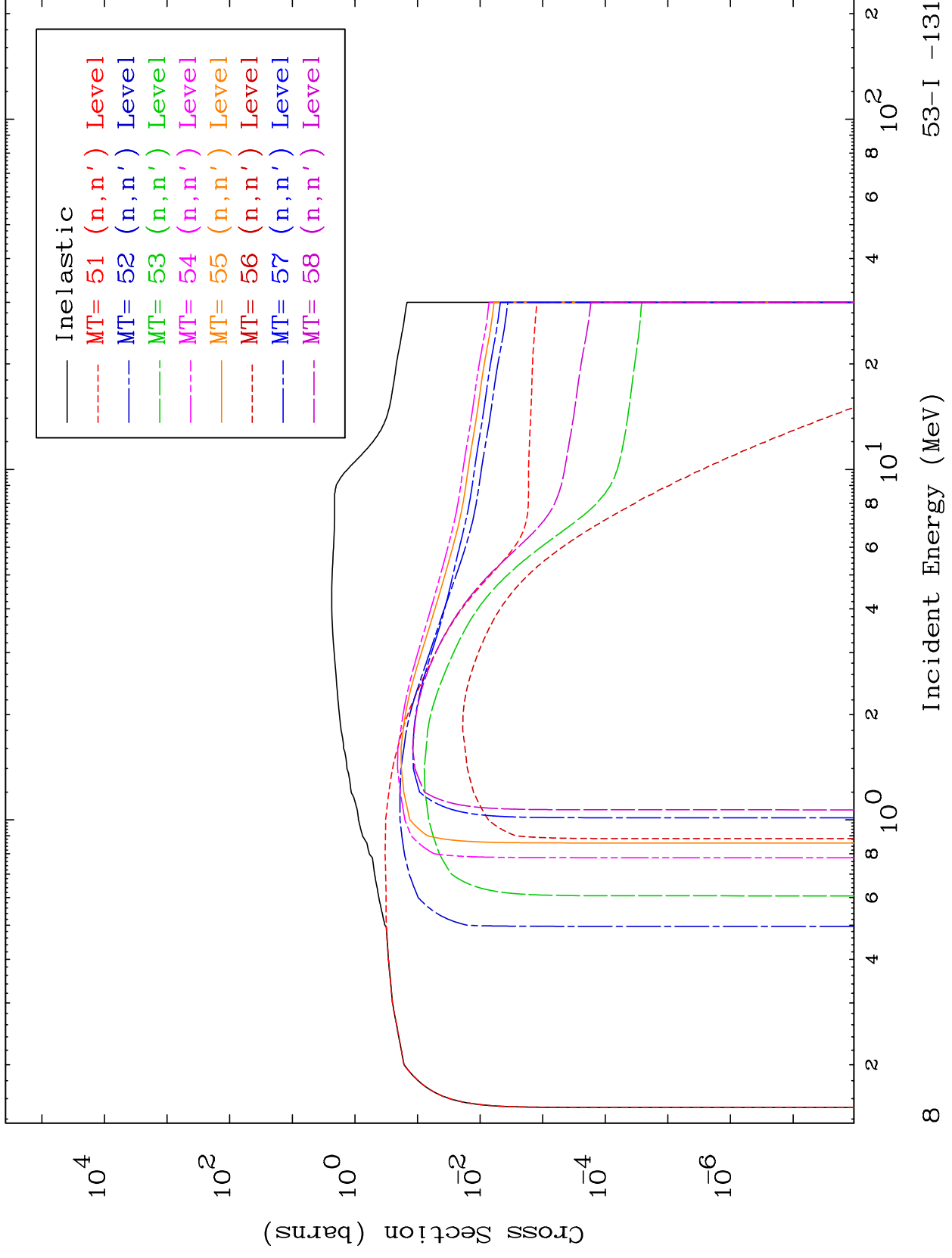


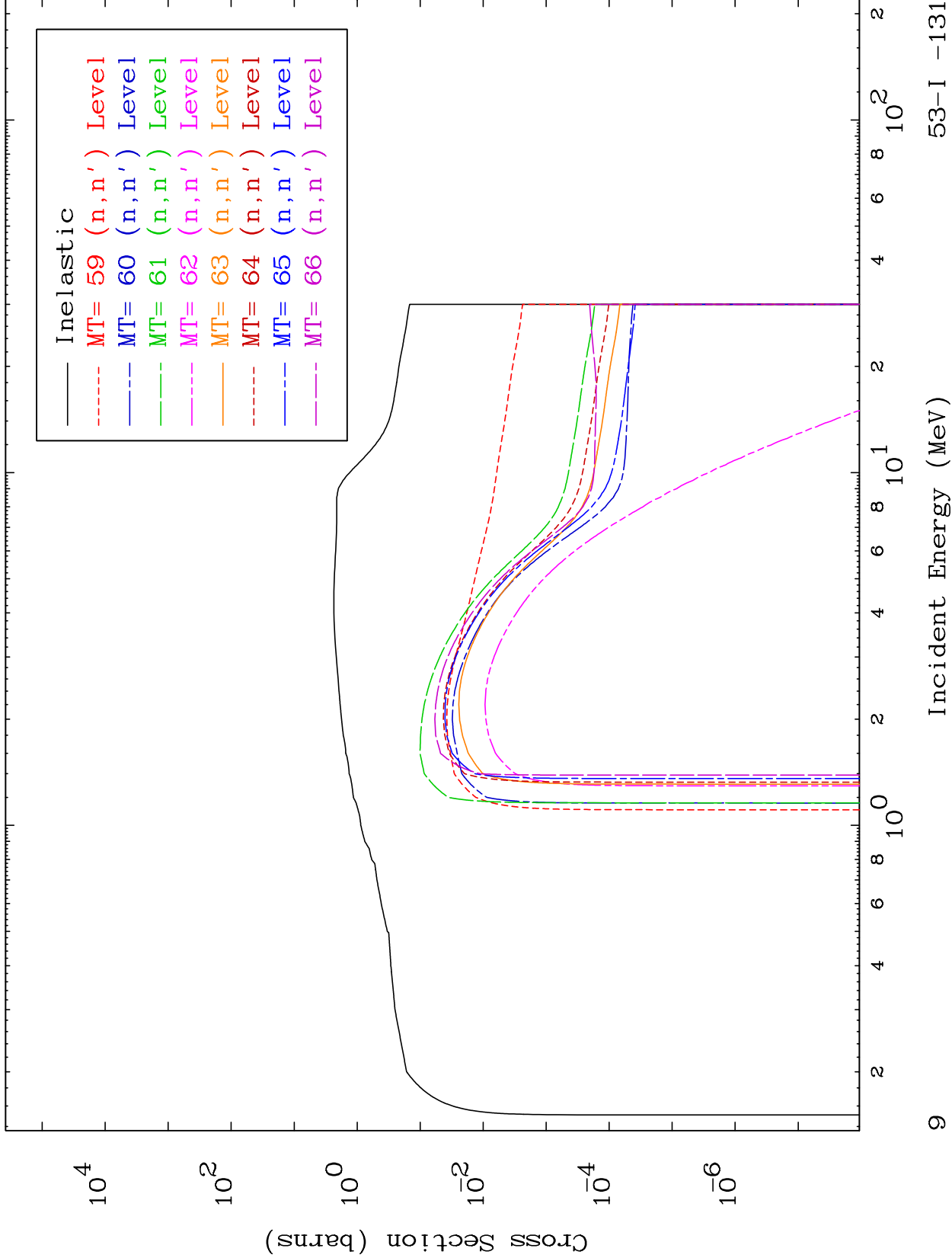


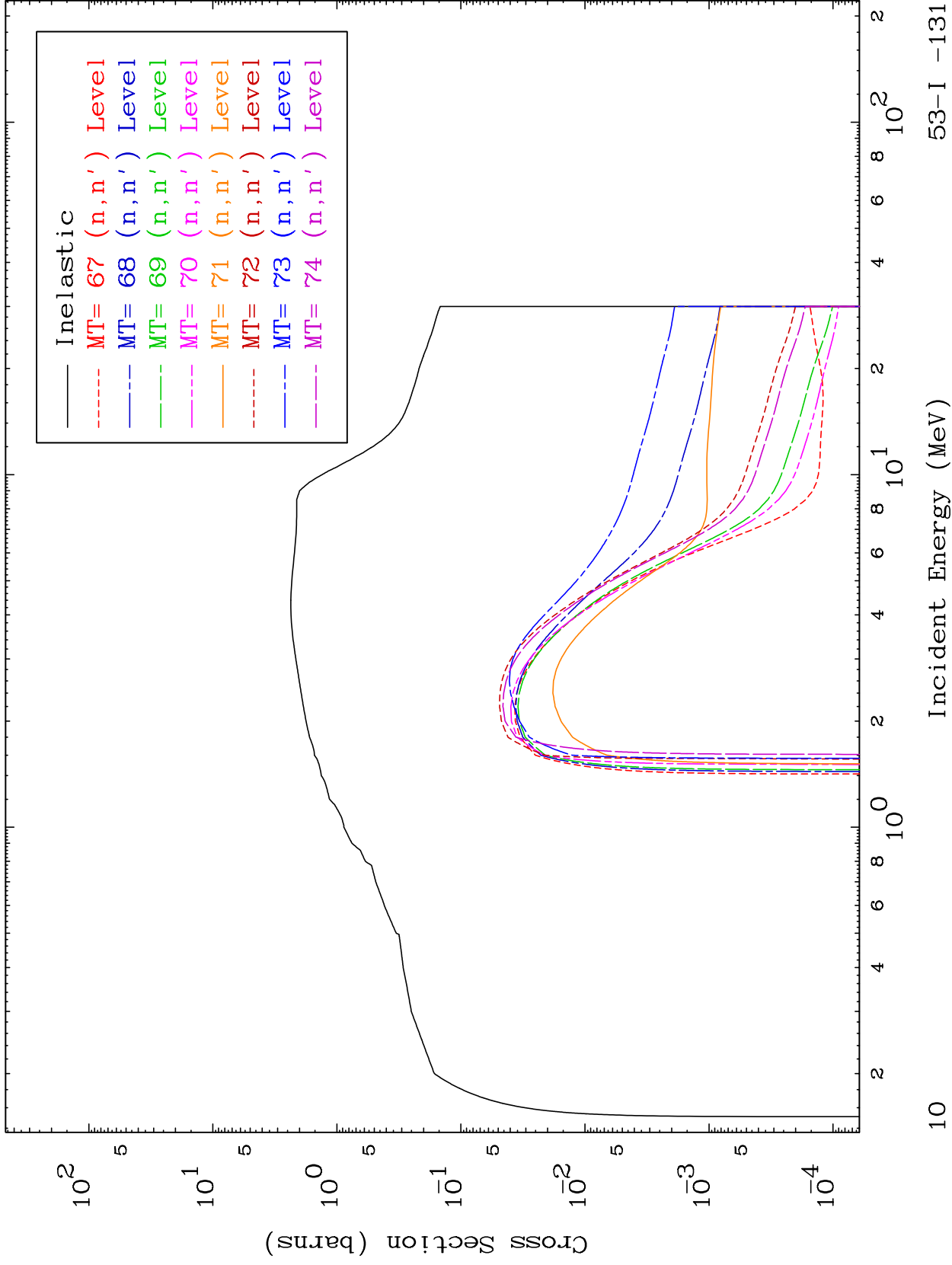




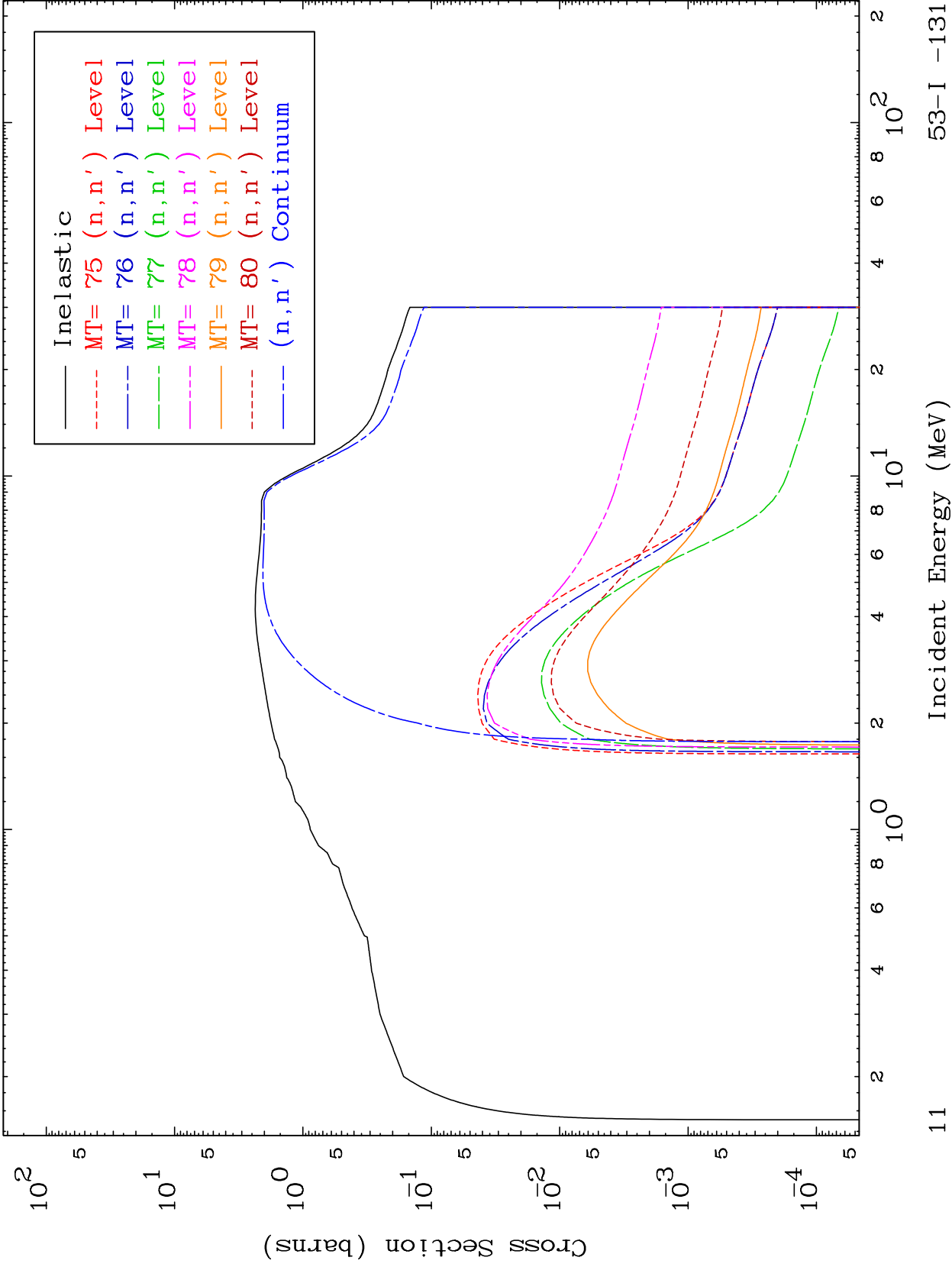


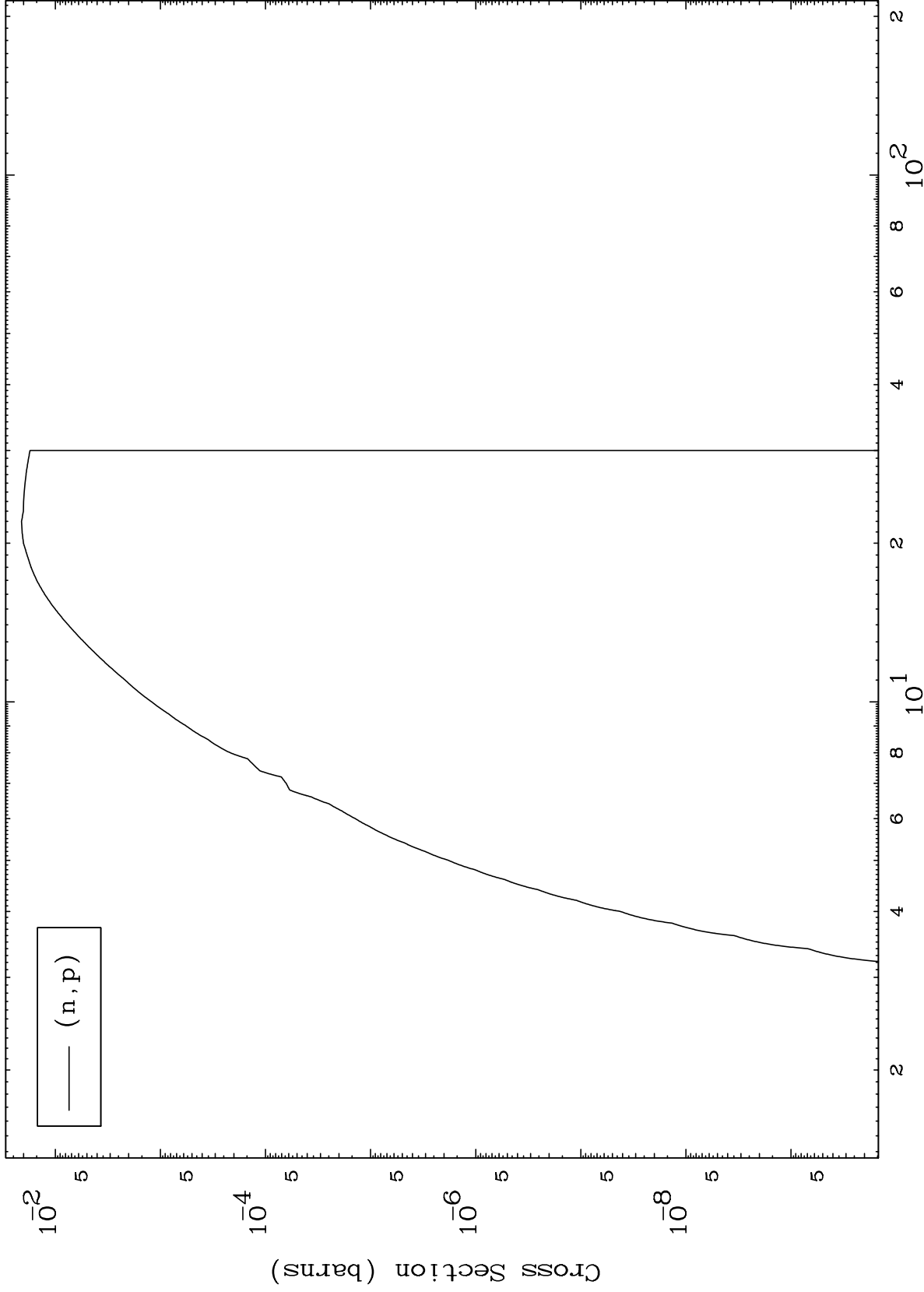






293 Kelvin Cross Sections

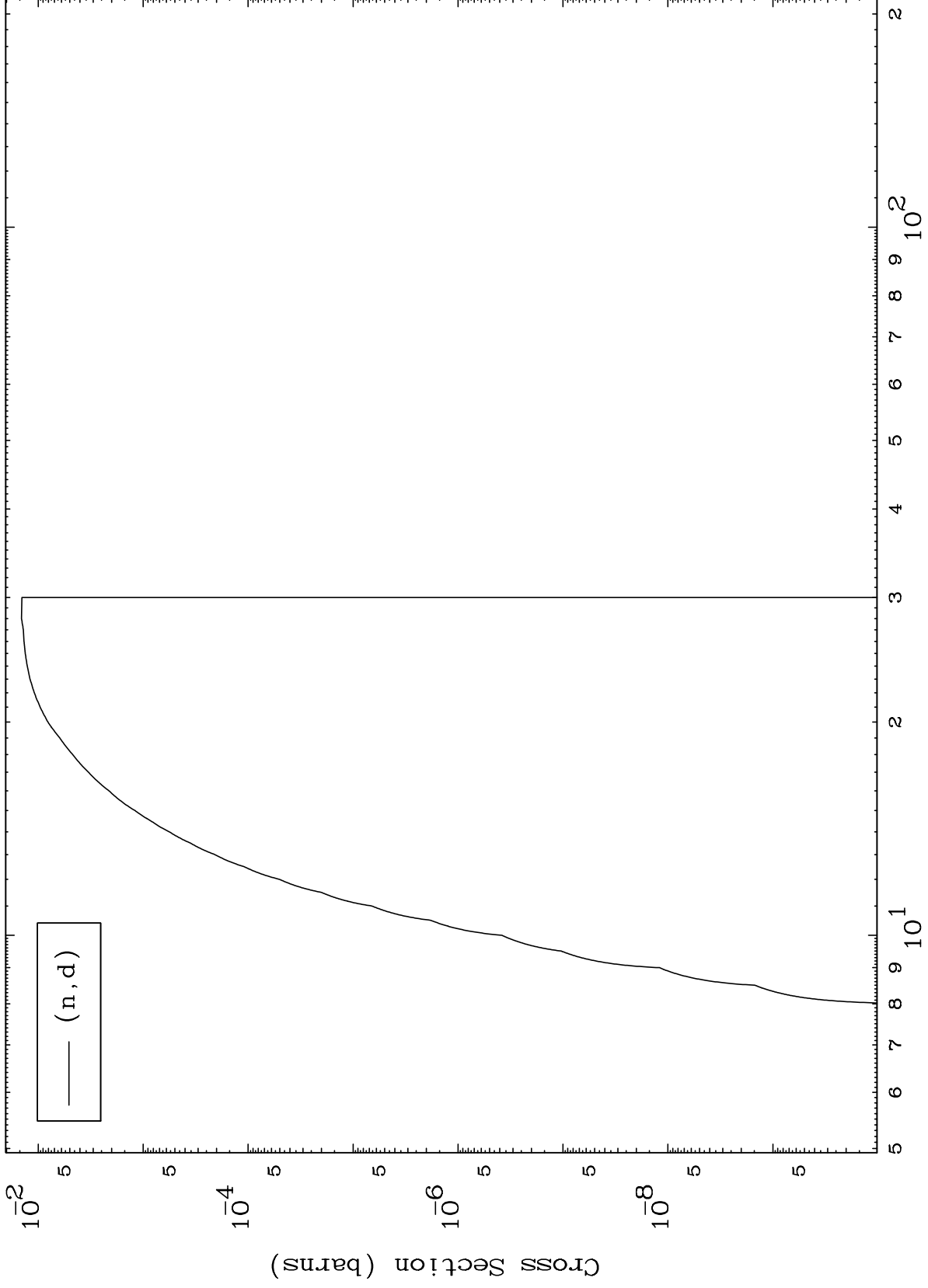




MAT 5337

(n,d) Levels  
293 Kelvin Cross Sections

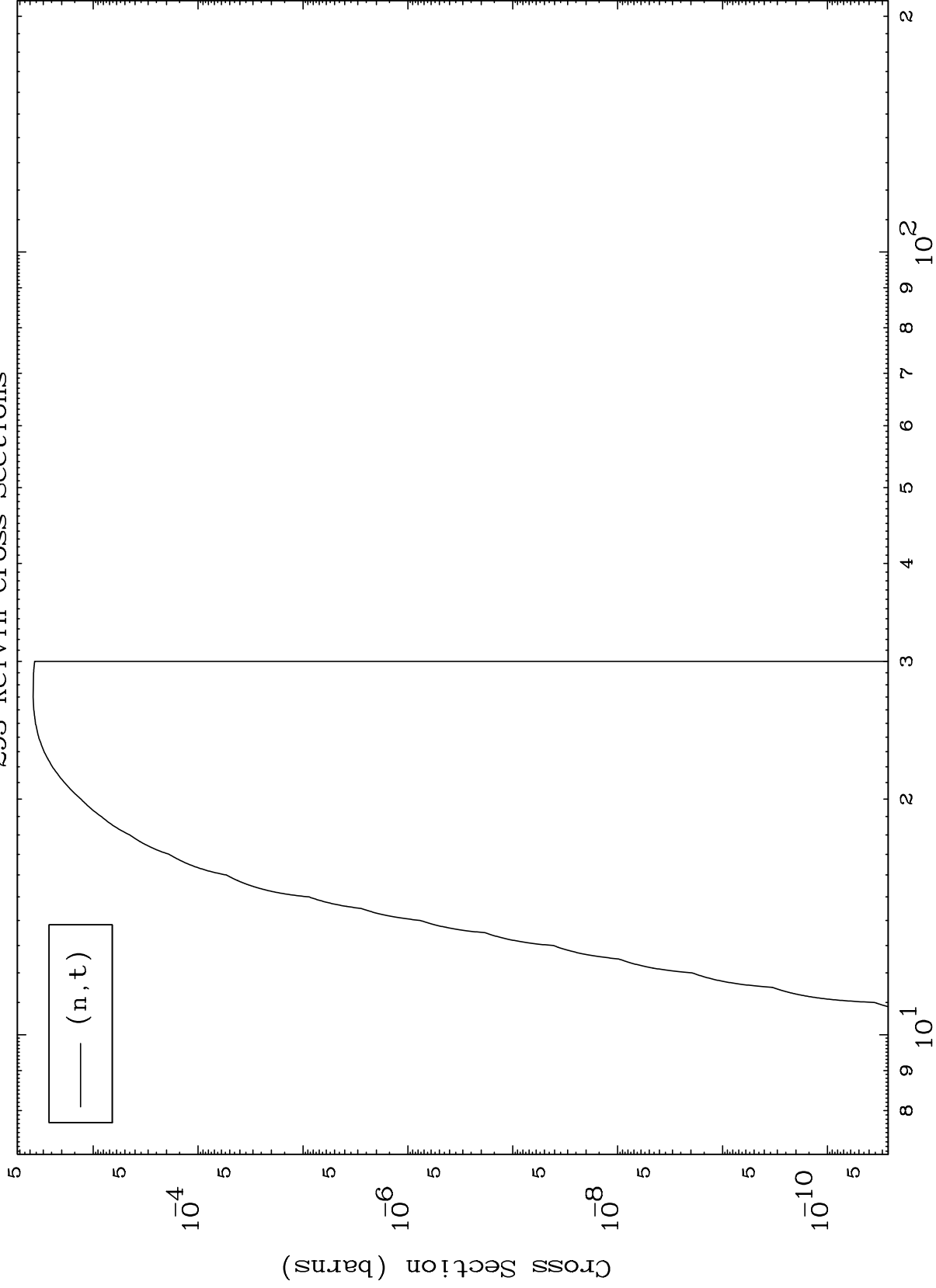
53-I -131



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Incident Energy (MeV)

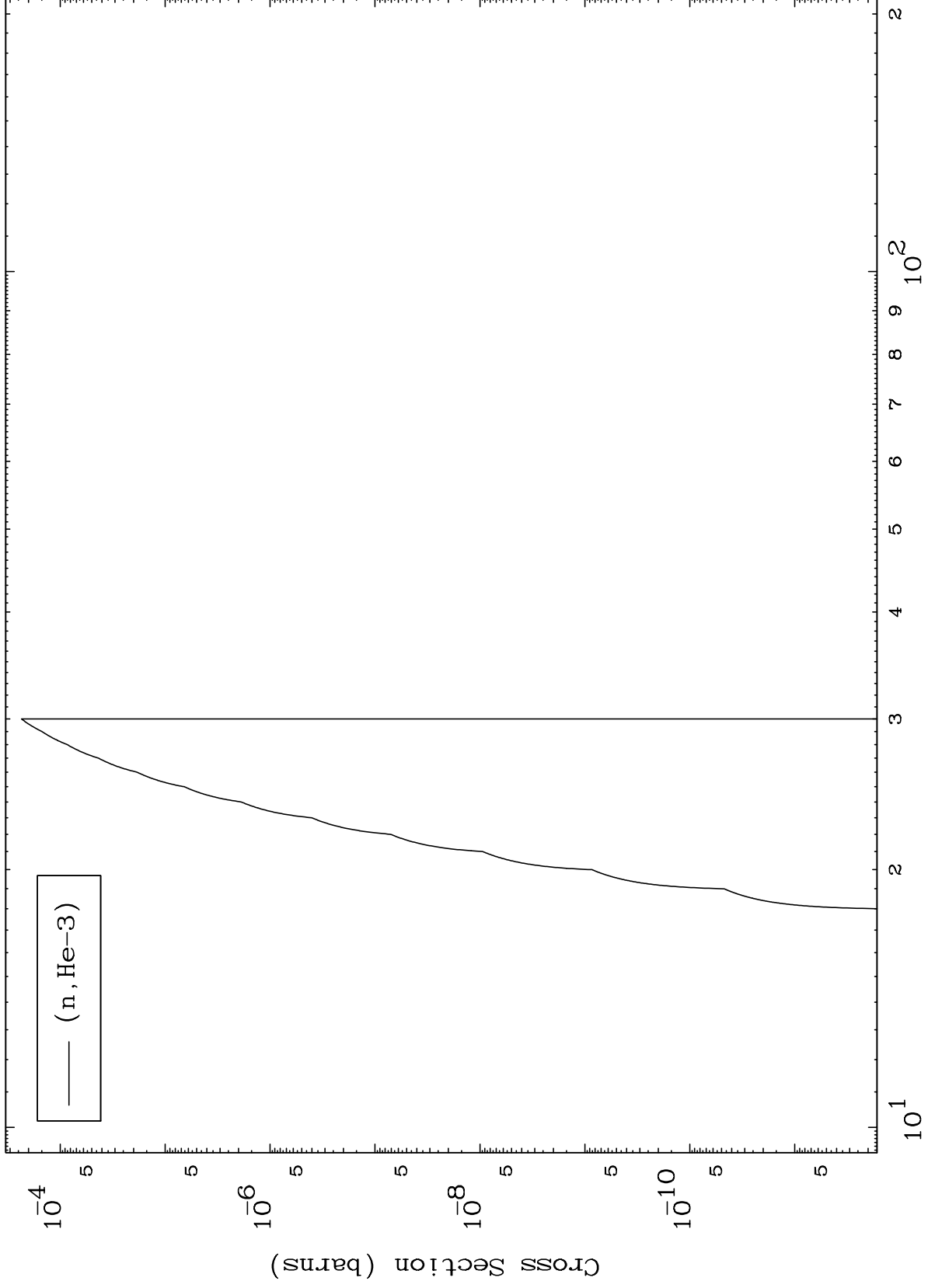
53-I -131



MAT 5337

(n,He3) Levels  
293 Kelvin Cross Sections

53-I -131



53-I -131

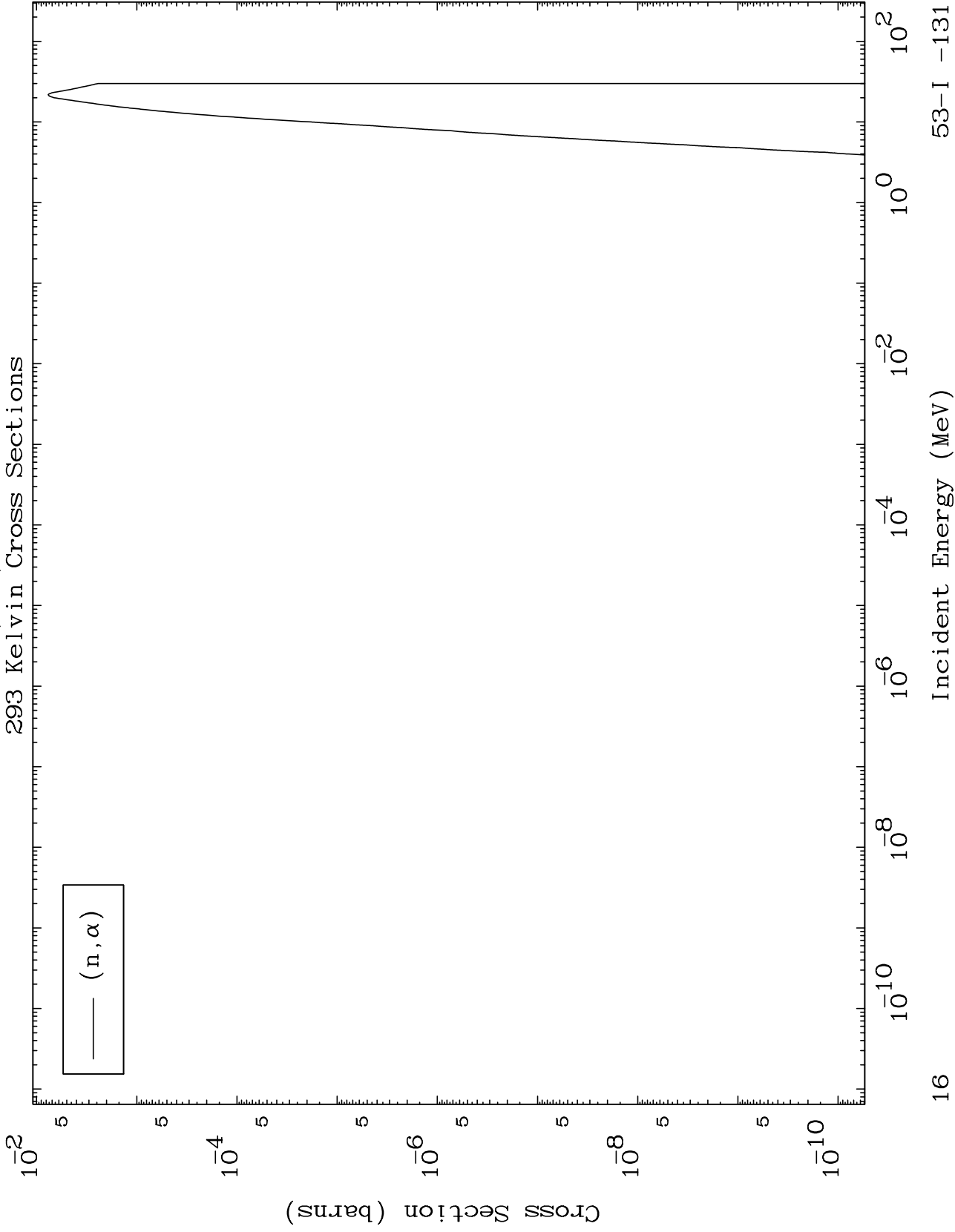
53-I -131



MAT 5337

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

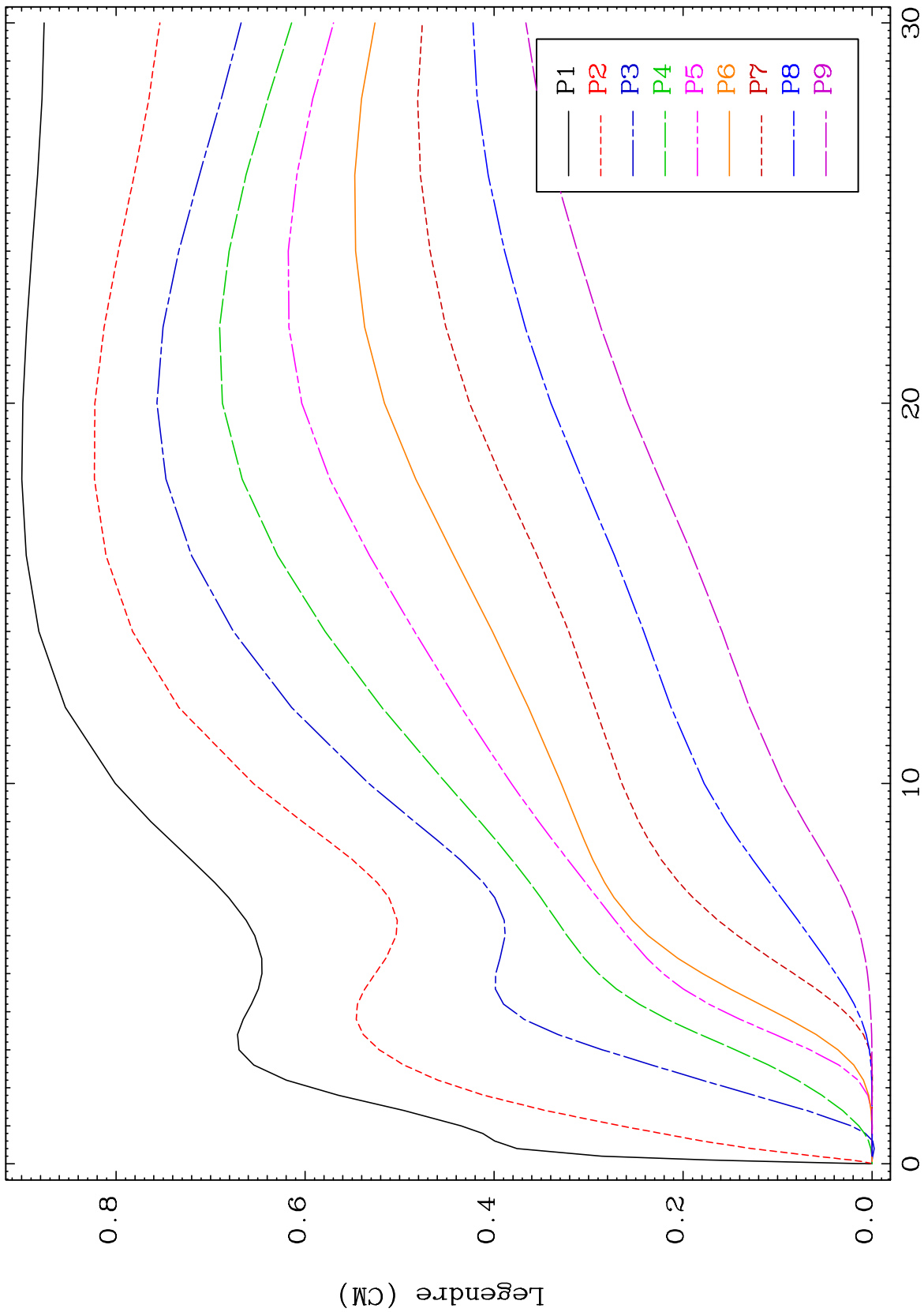
53-I -131



MAT 5337

Elastic Legendre Coefficients

53-I -131



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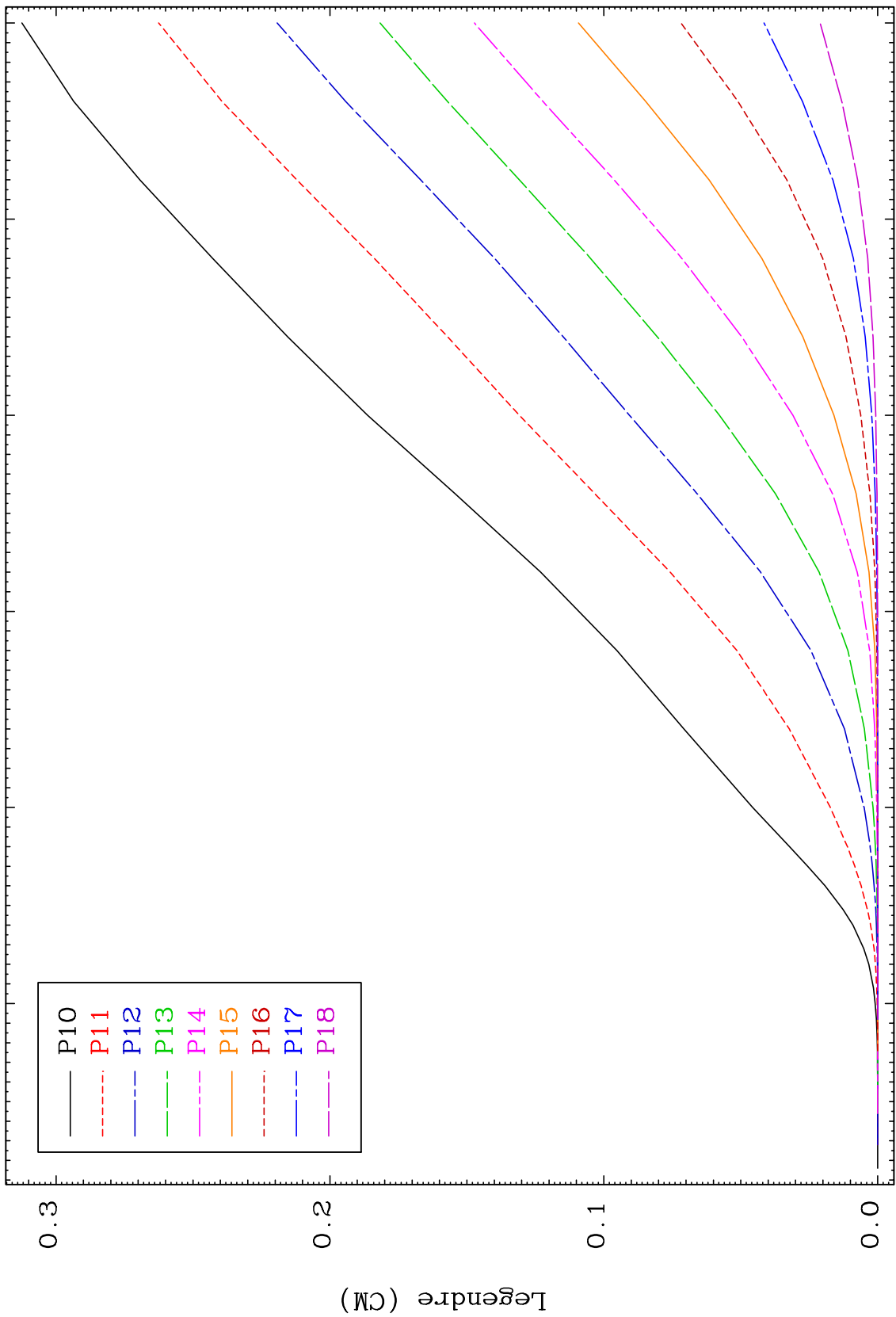
Incident Energy (MeV)

53-I -131

MAT 5337

Elastic Legendre Coefficients

53-I -131



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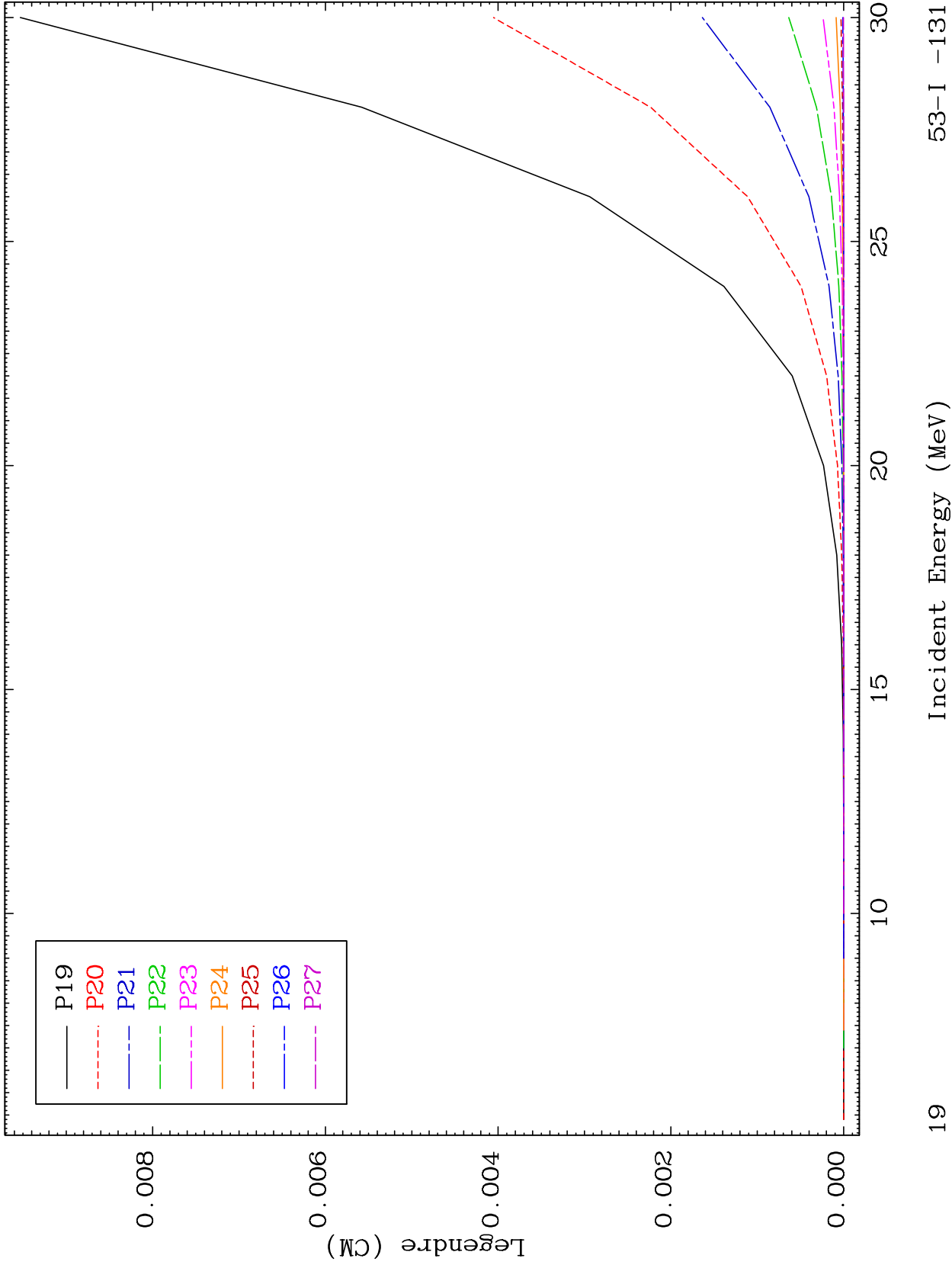
Incident Energy (MeV)

53-I -131

MAT 5337

### Elastic Legendre Coefficients

53-I -131



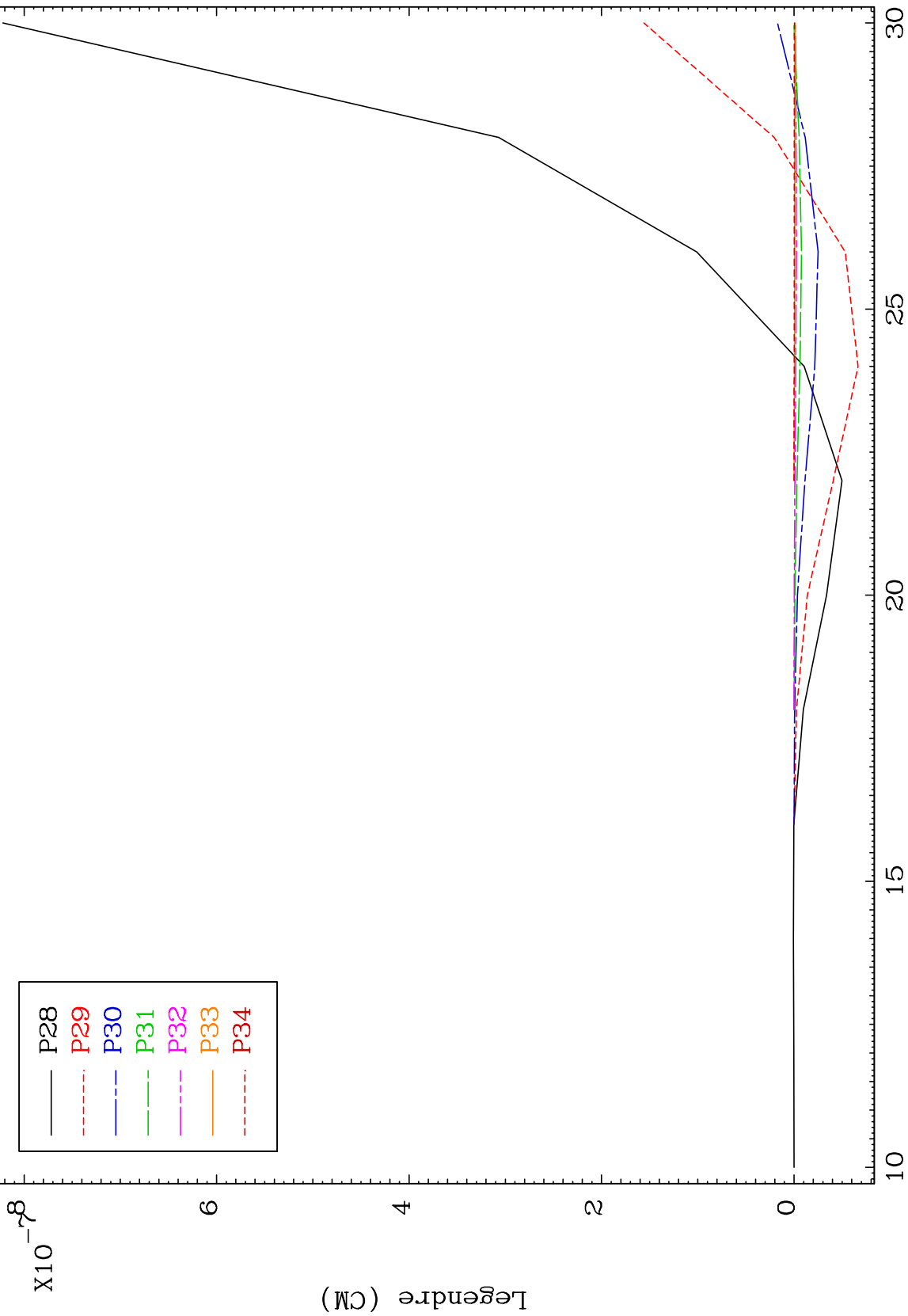
19

53-I -131

MAT 5337

Elastic Legendre Coefficients

53-I -131



20

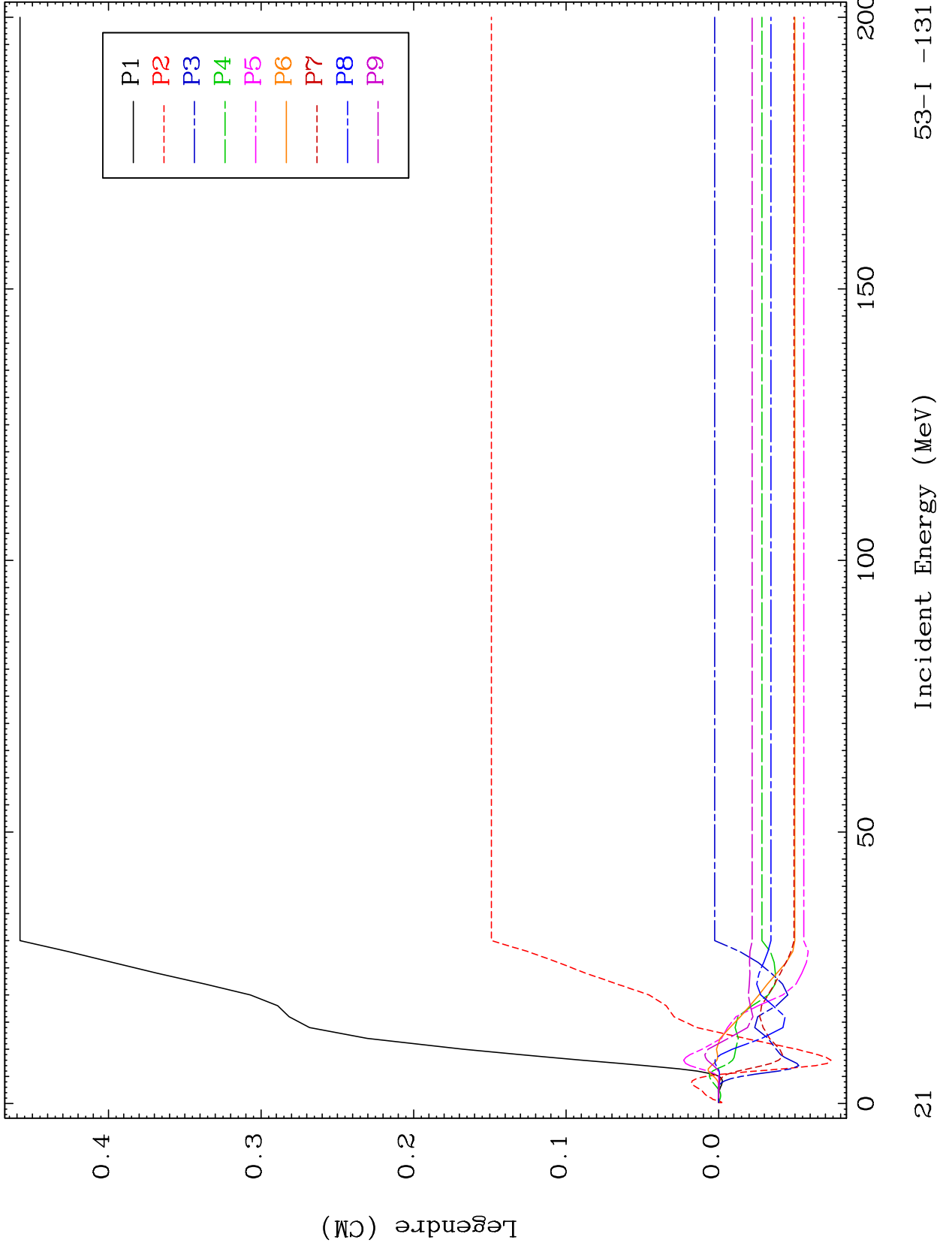
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



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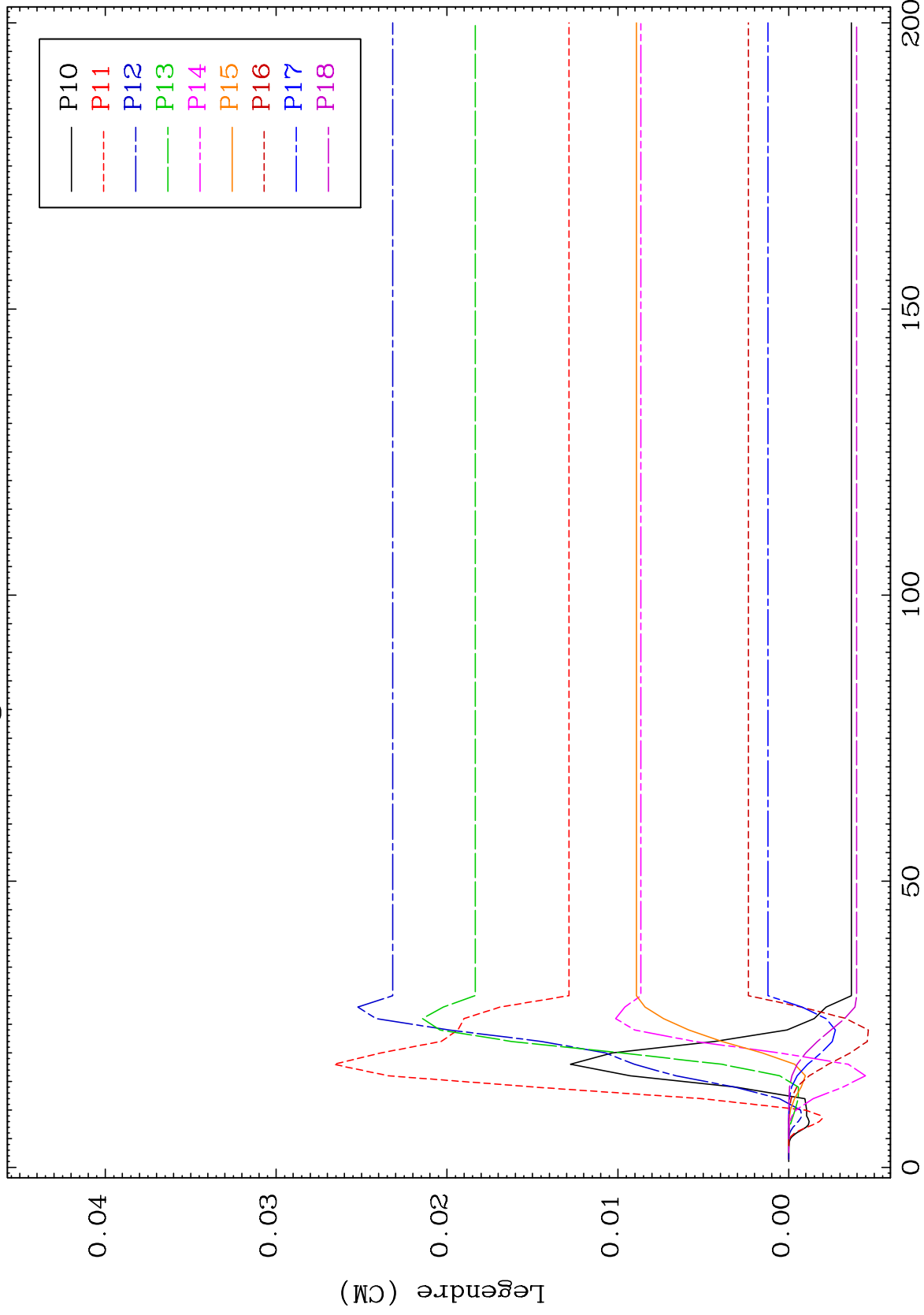
Incident Energy (MeV)

53-I -131

MAT 5337

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

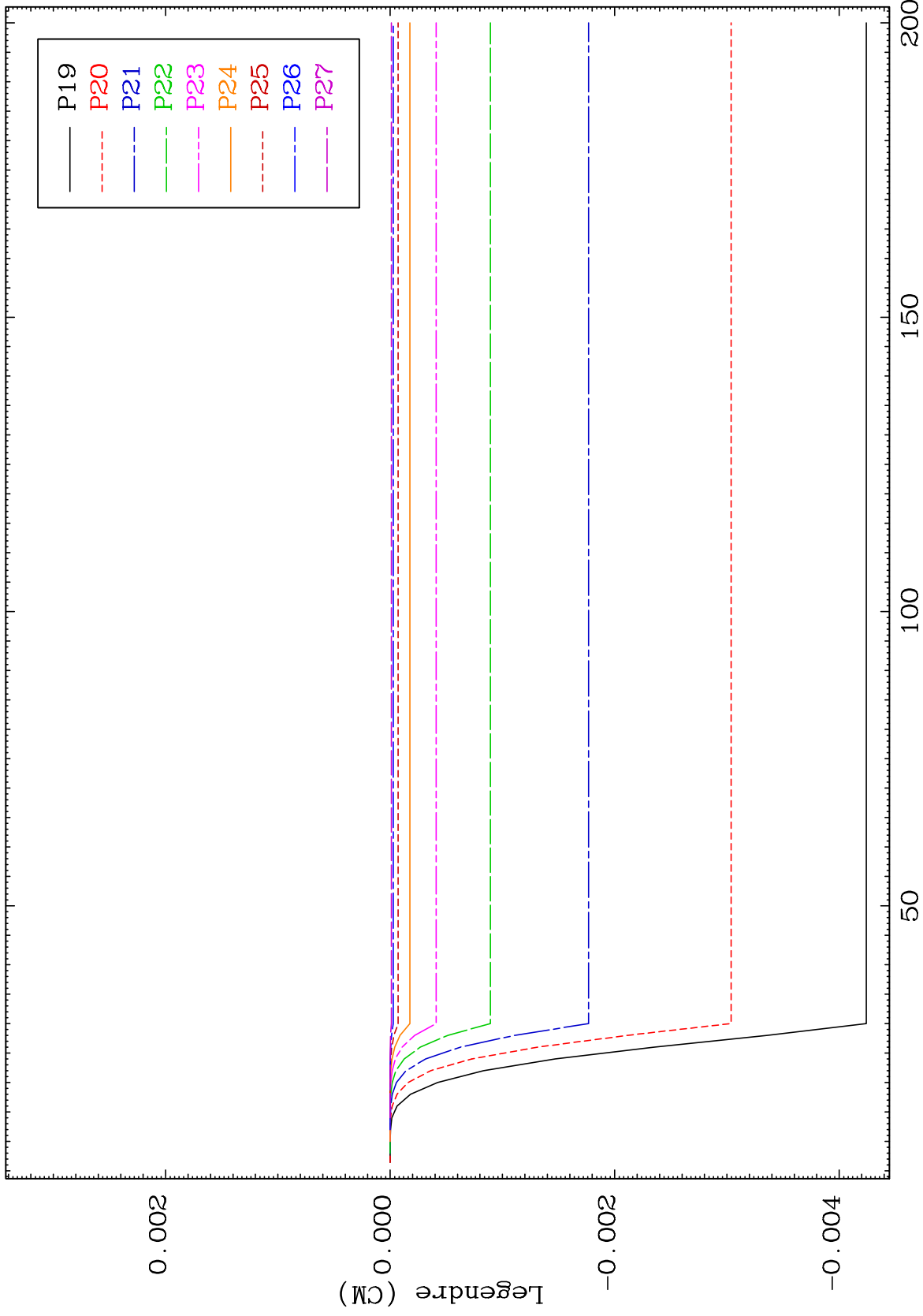
53-I -131



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Incident Energy (MeV)

53-I -131

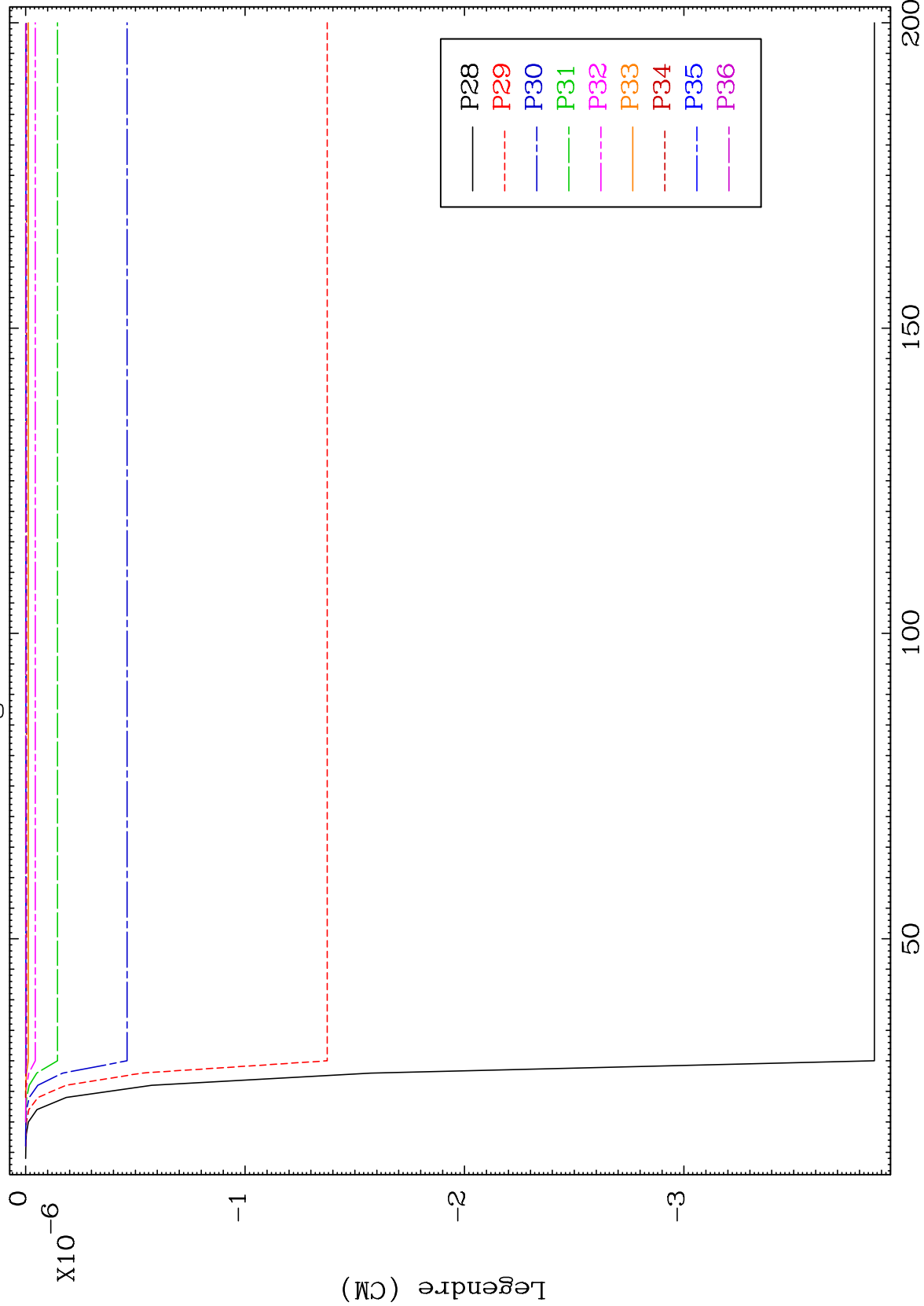




MAT 5337

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

53-I -131



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Incident Energy (MeV)

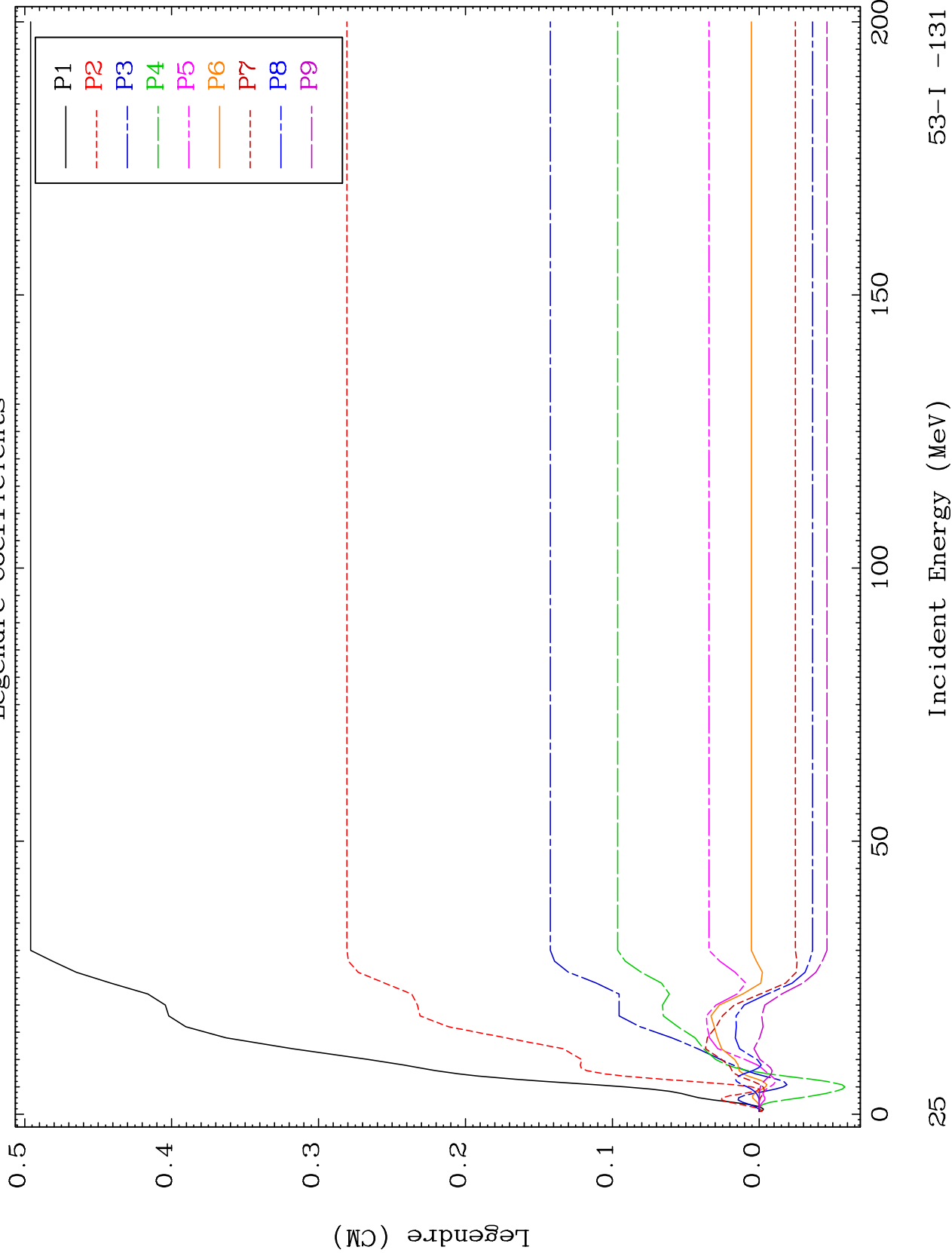
53-I -131

MAT 5337

MT= 52 (n,n') Level

53-I -131

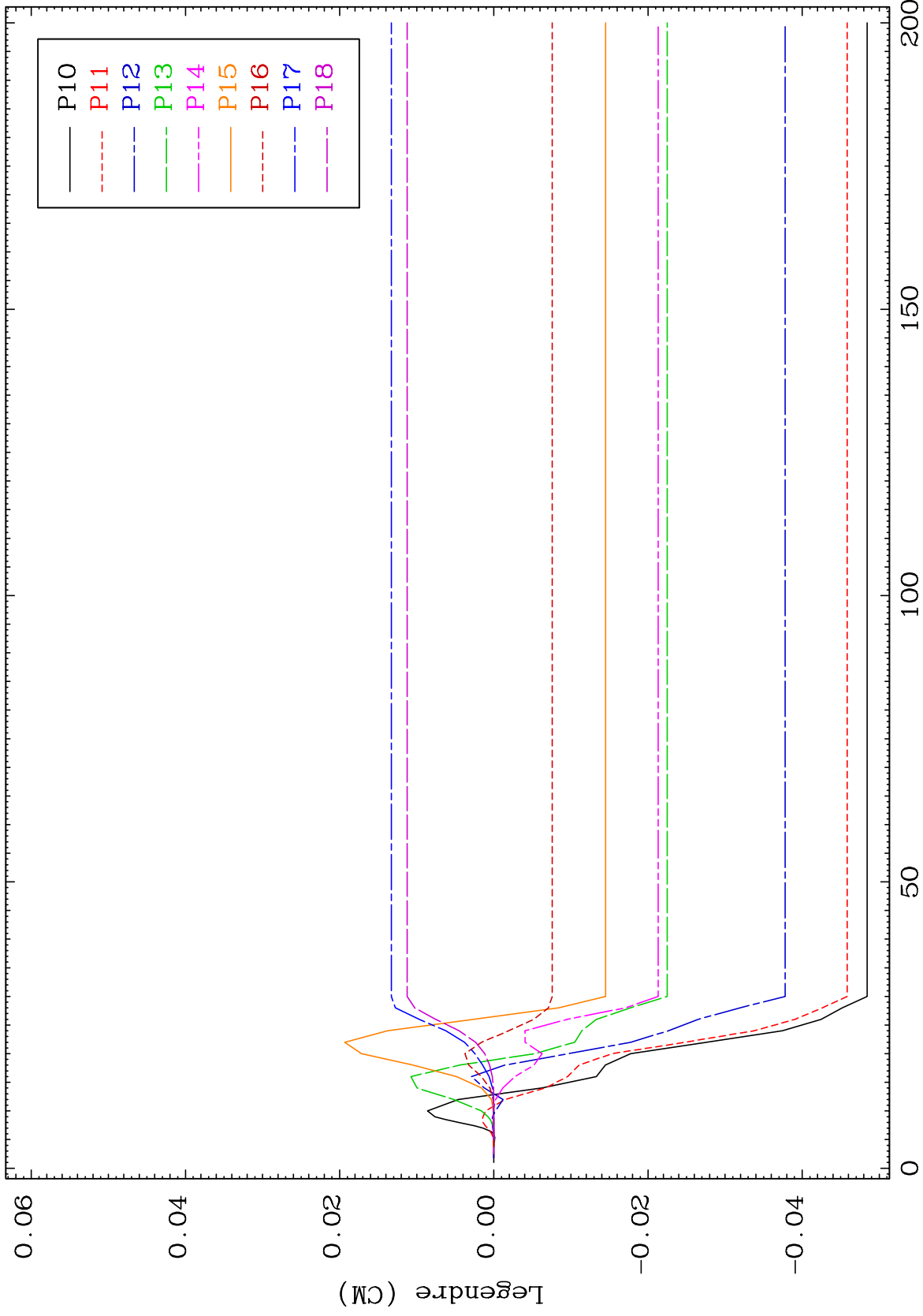
Legendre Coefficients



MAT 5337

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

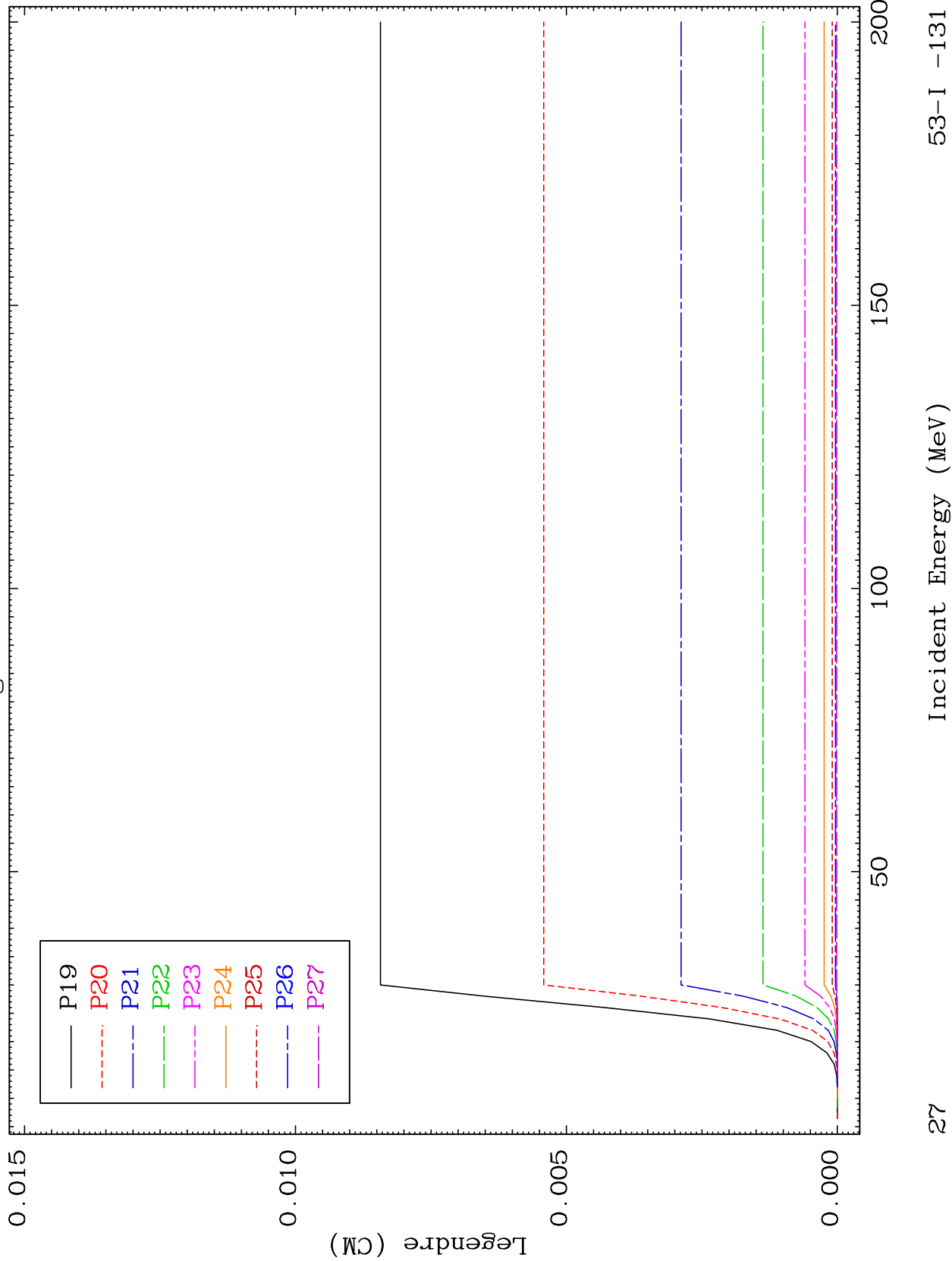
53-I -131



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Incident Energy (MeV)

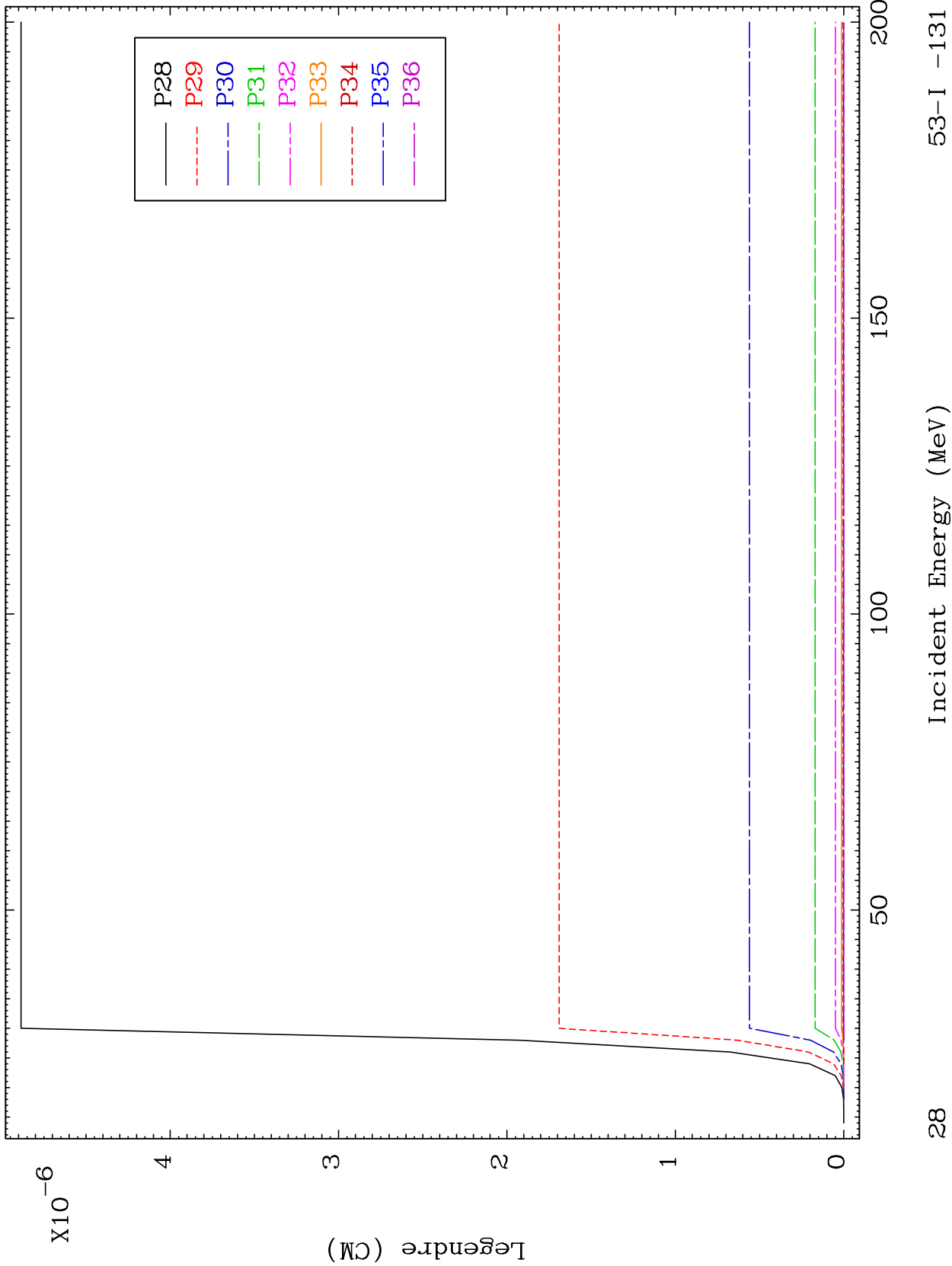
53-I -131



MAT 5337

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

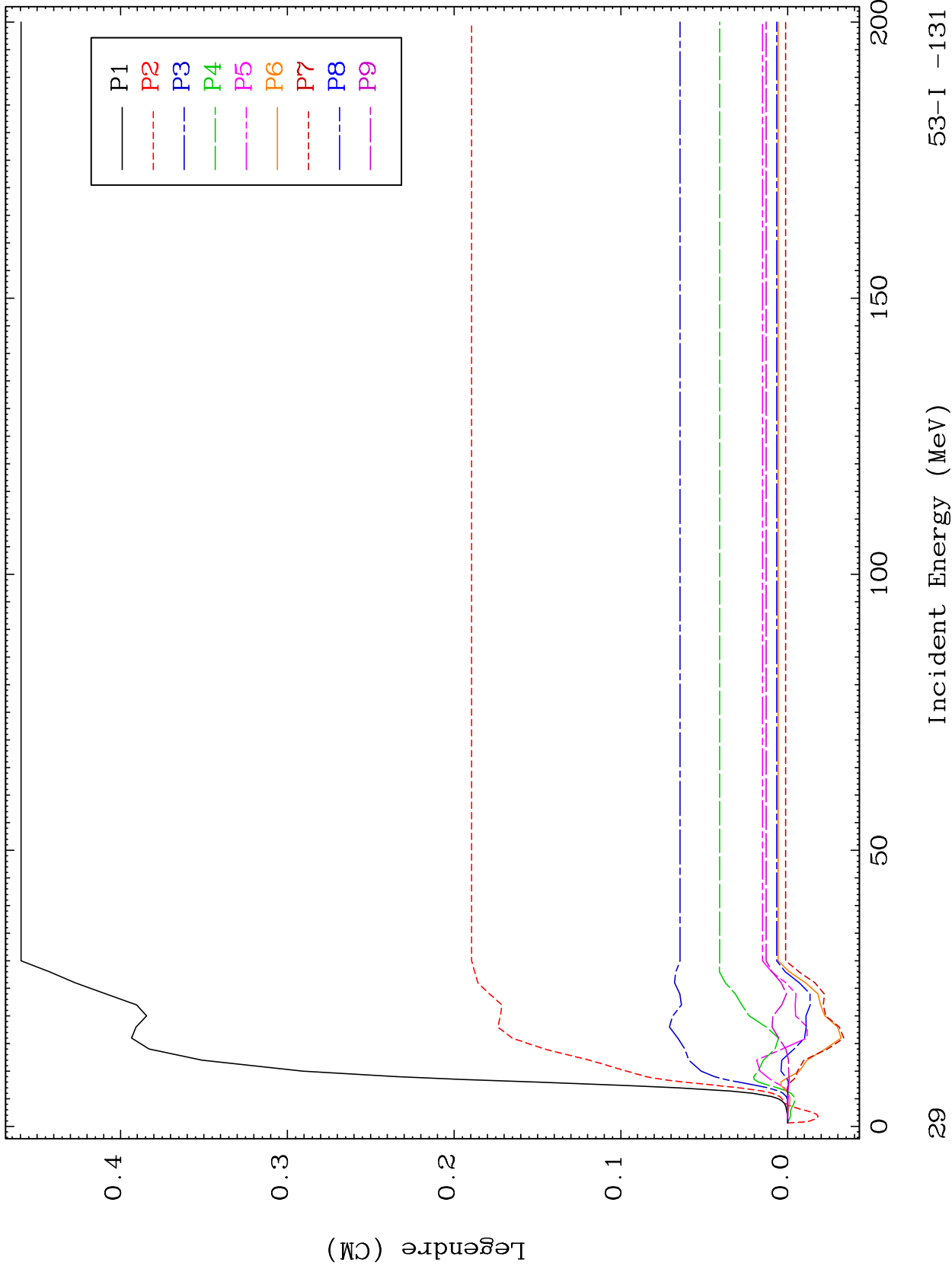
53-I -131



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Incident Energy (MeV)

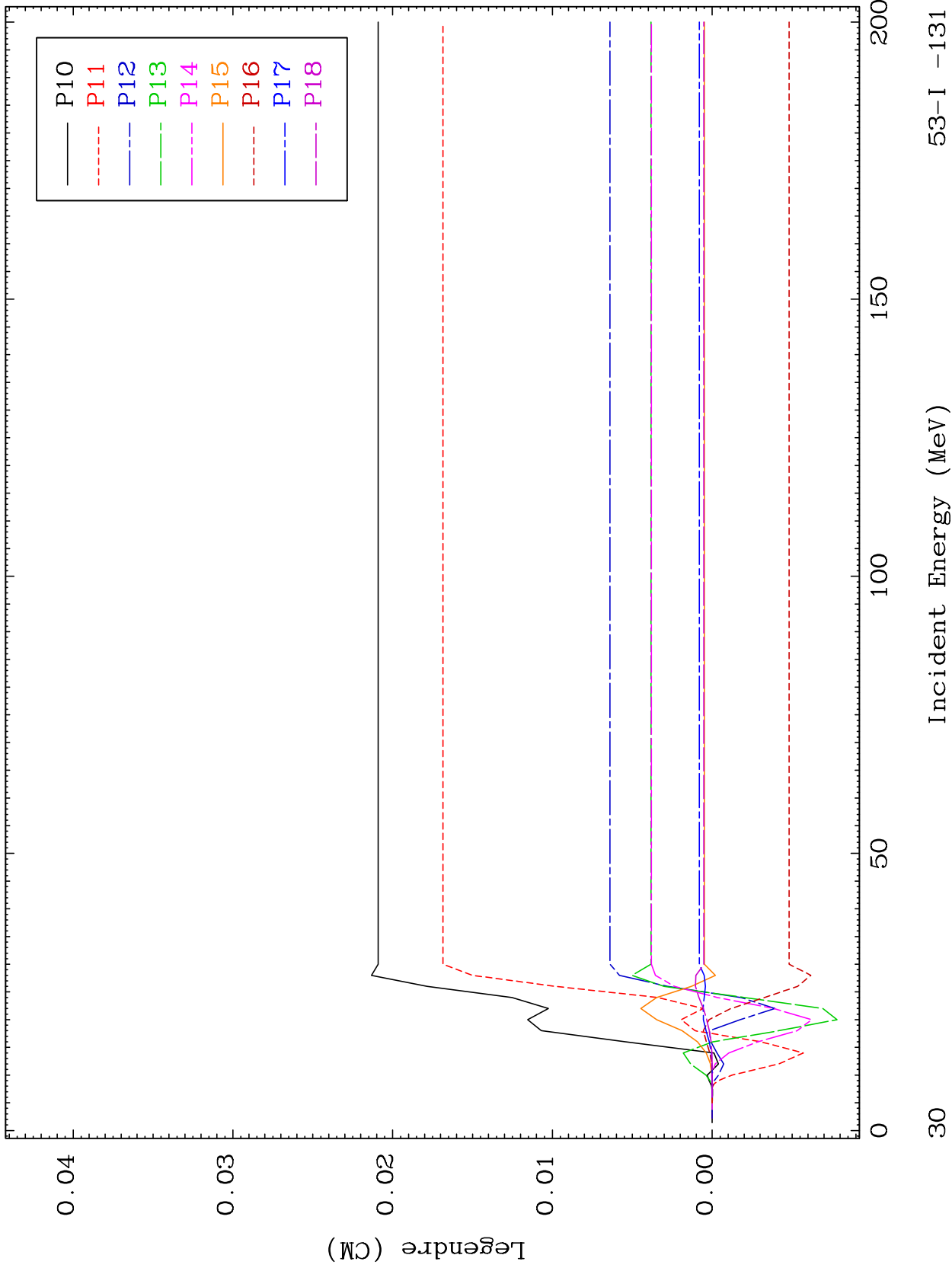
53-I -131



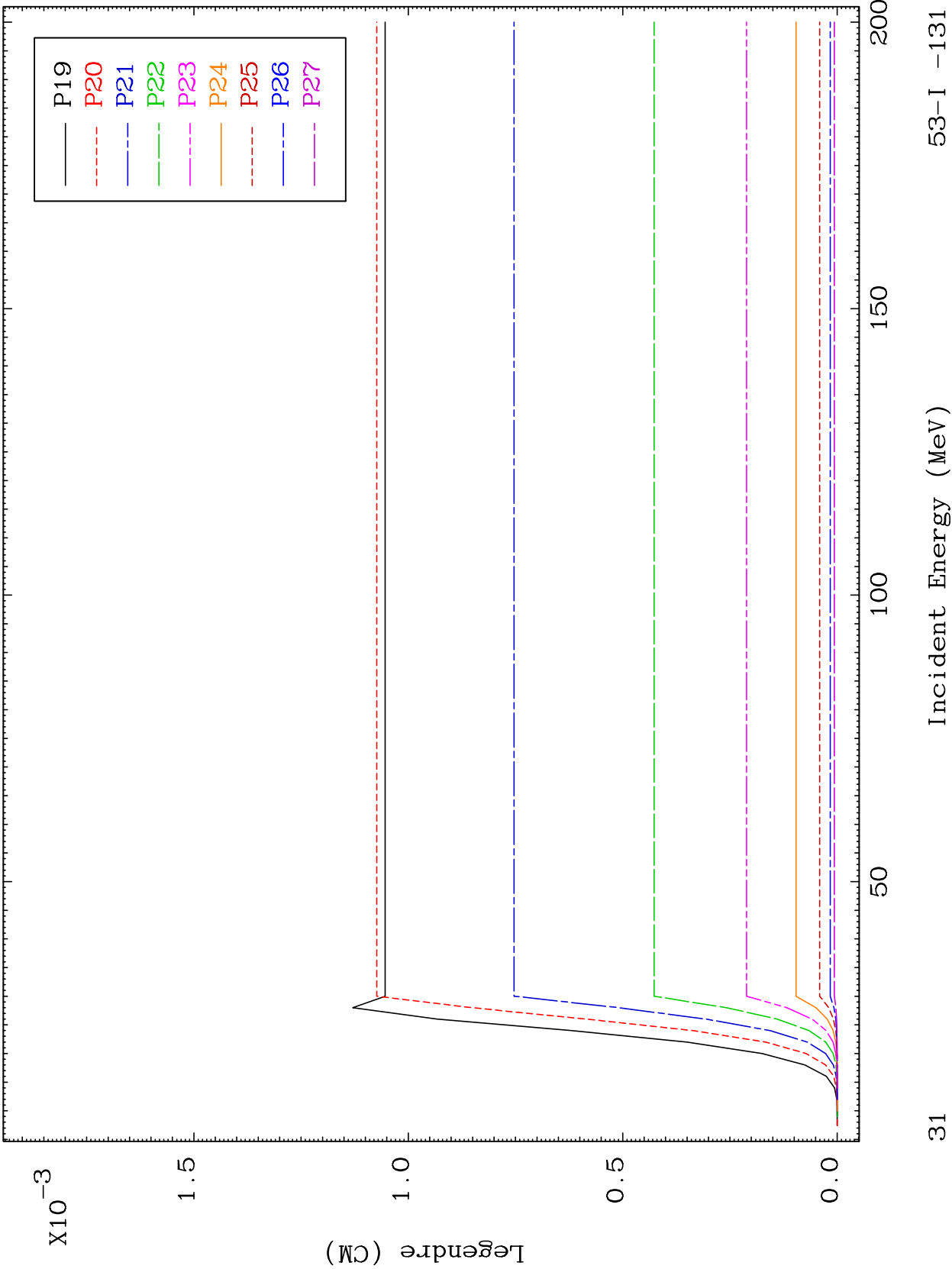
MAT 5337

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

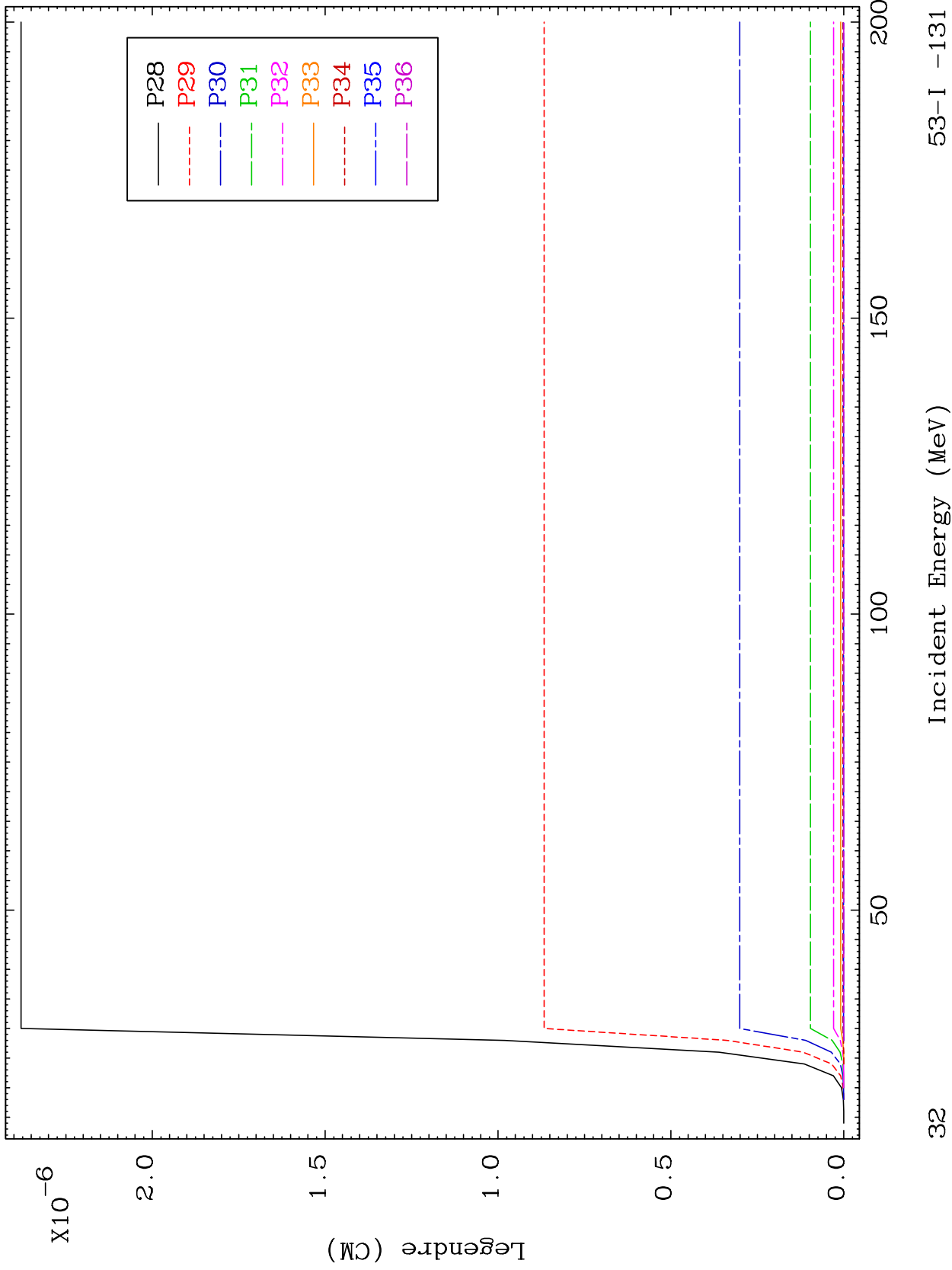
53-I -131



53-I -131



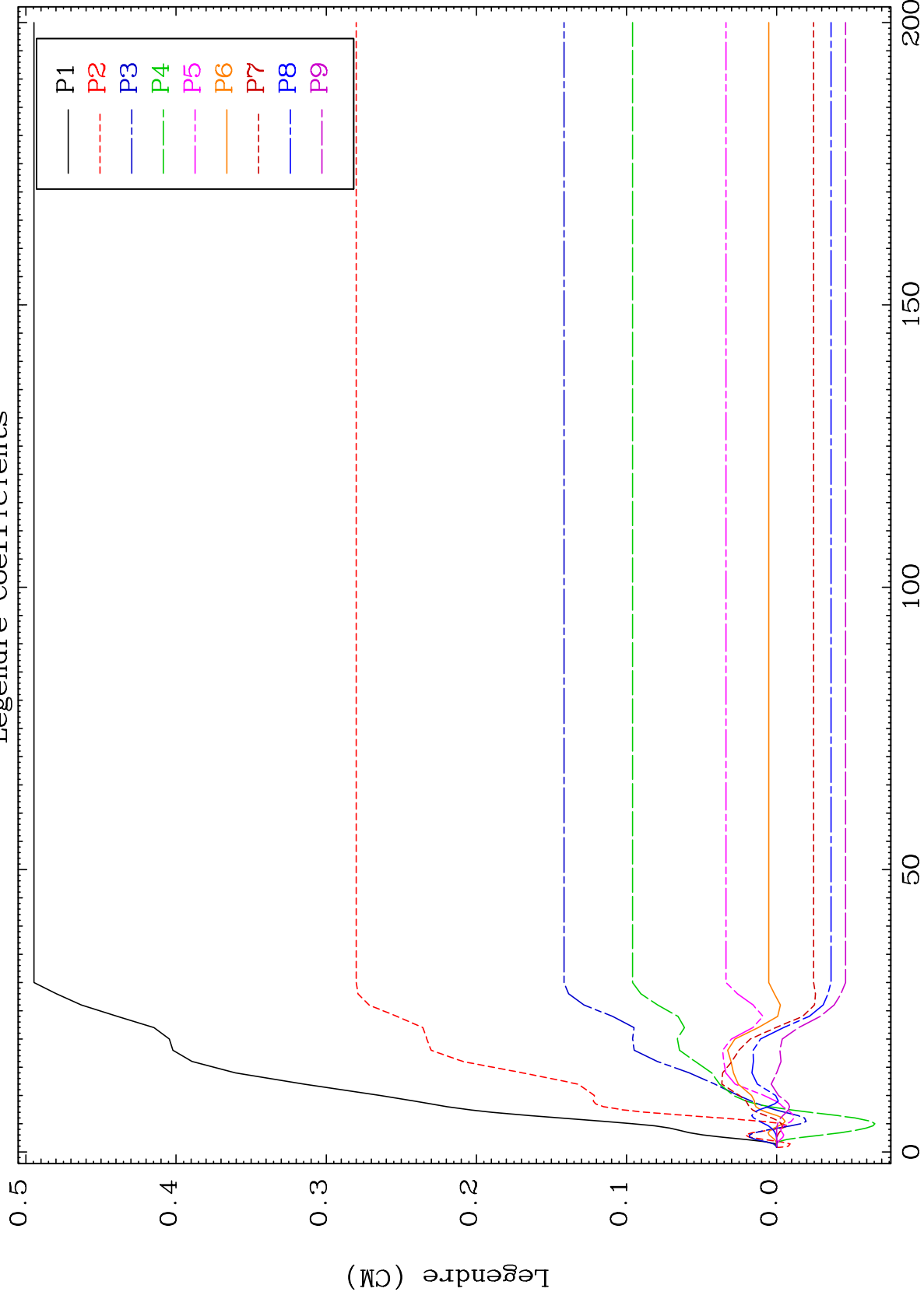




MAT 5337

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

53-I -131



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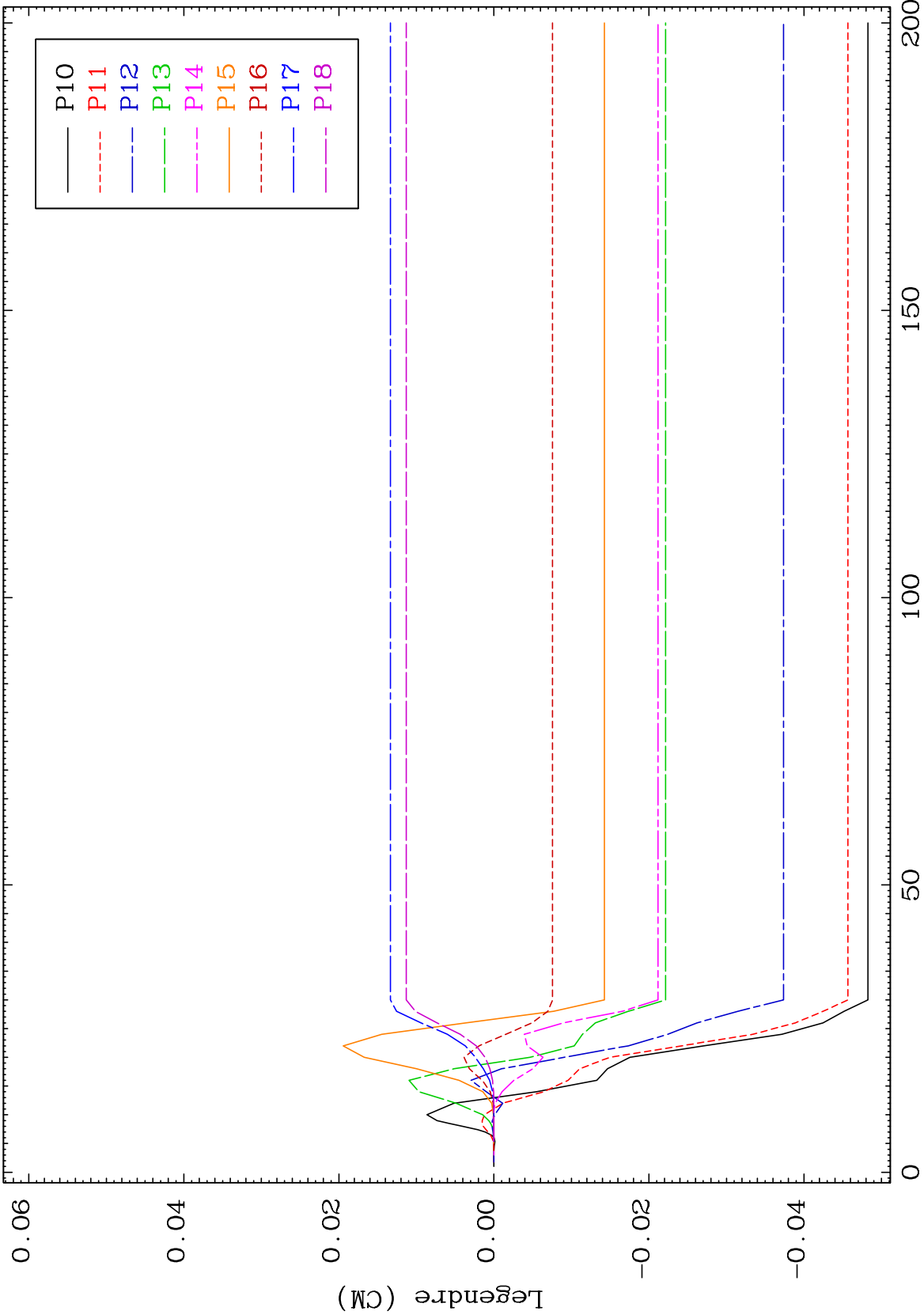
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



34

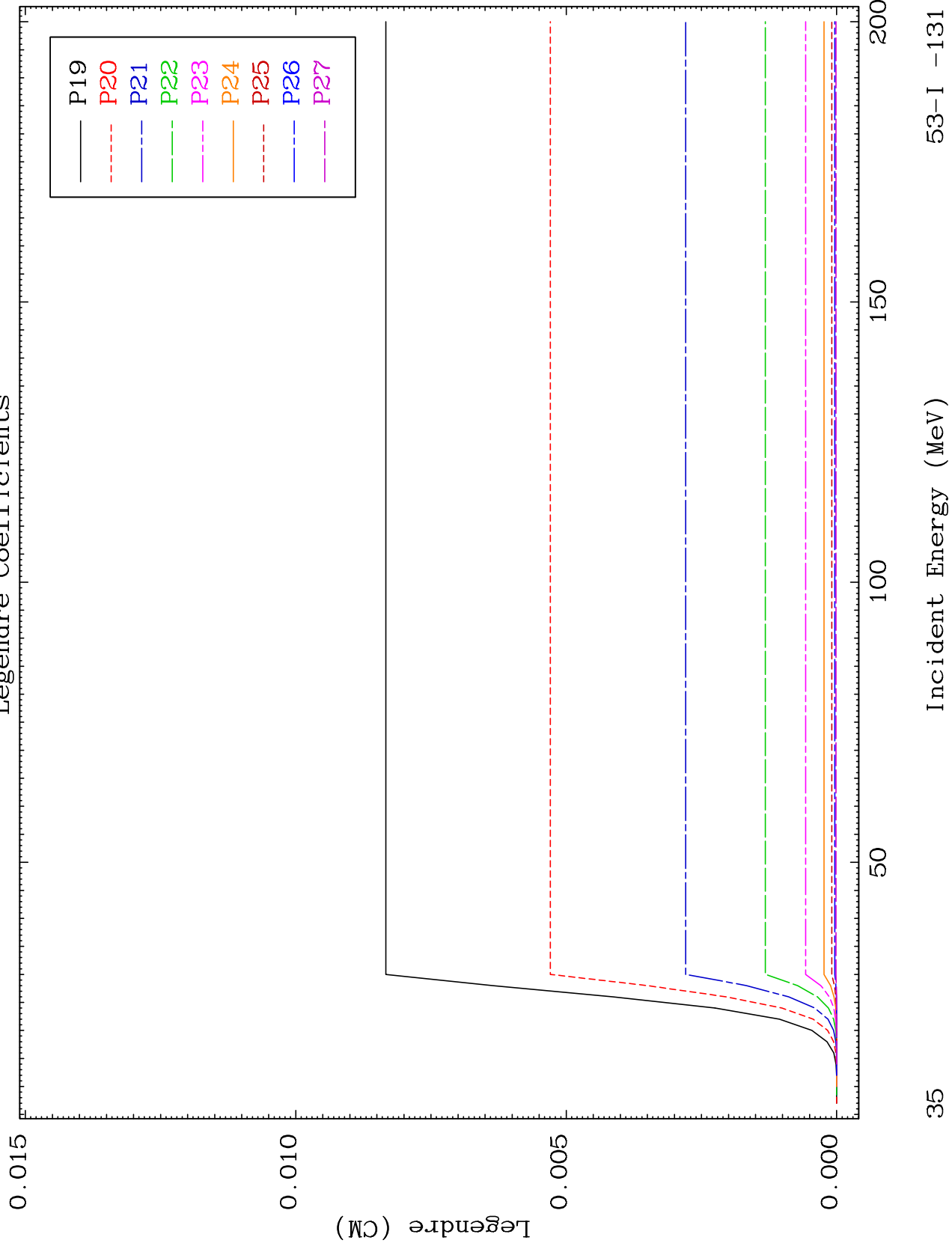
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



35

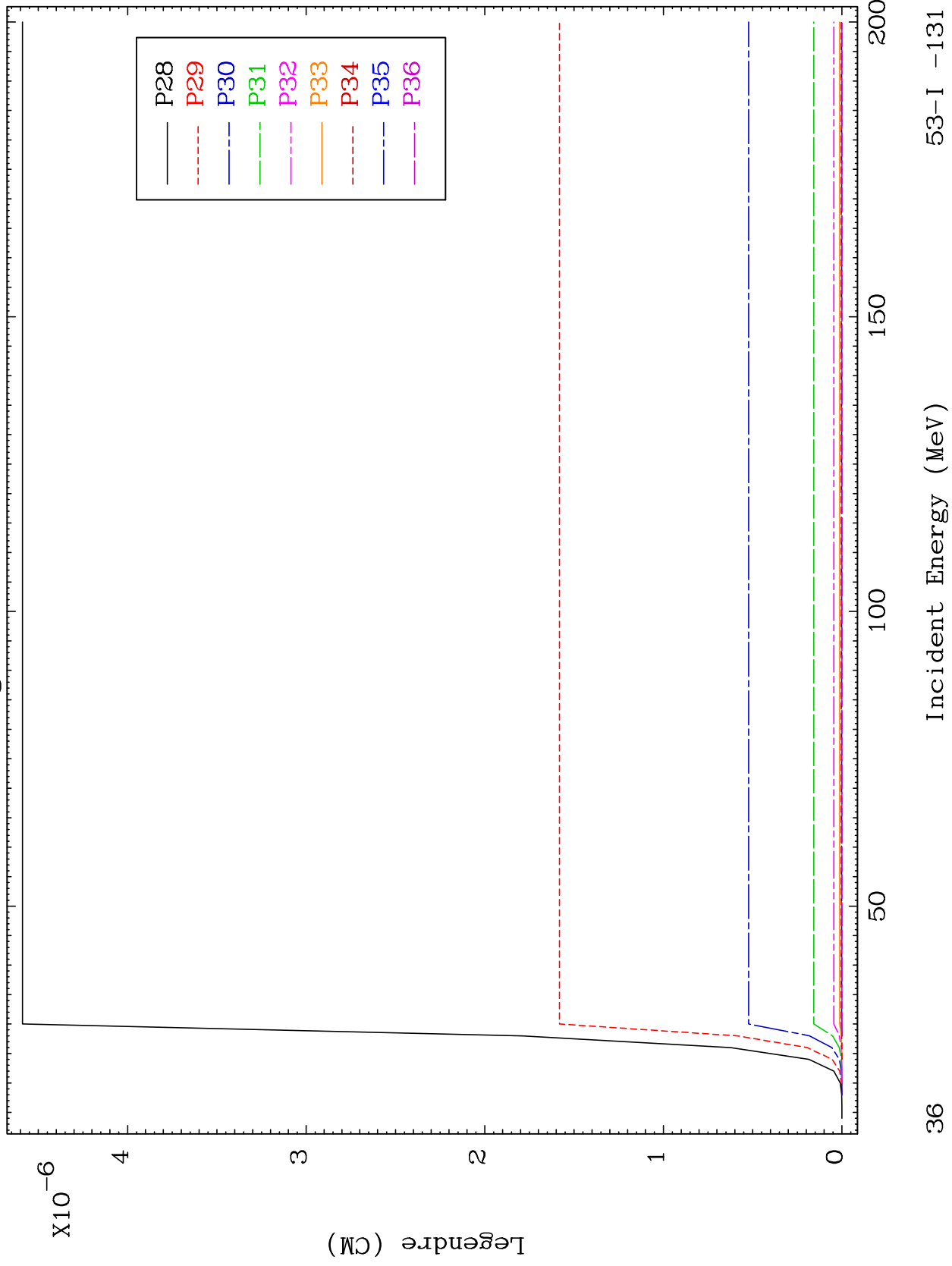
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



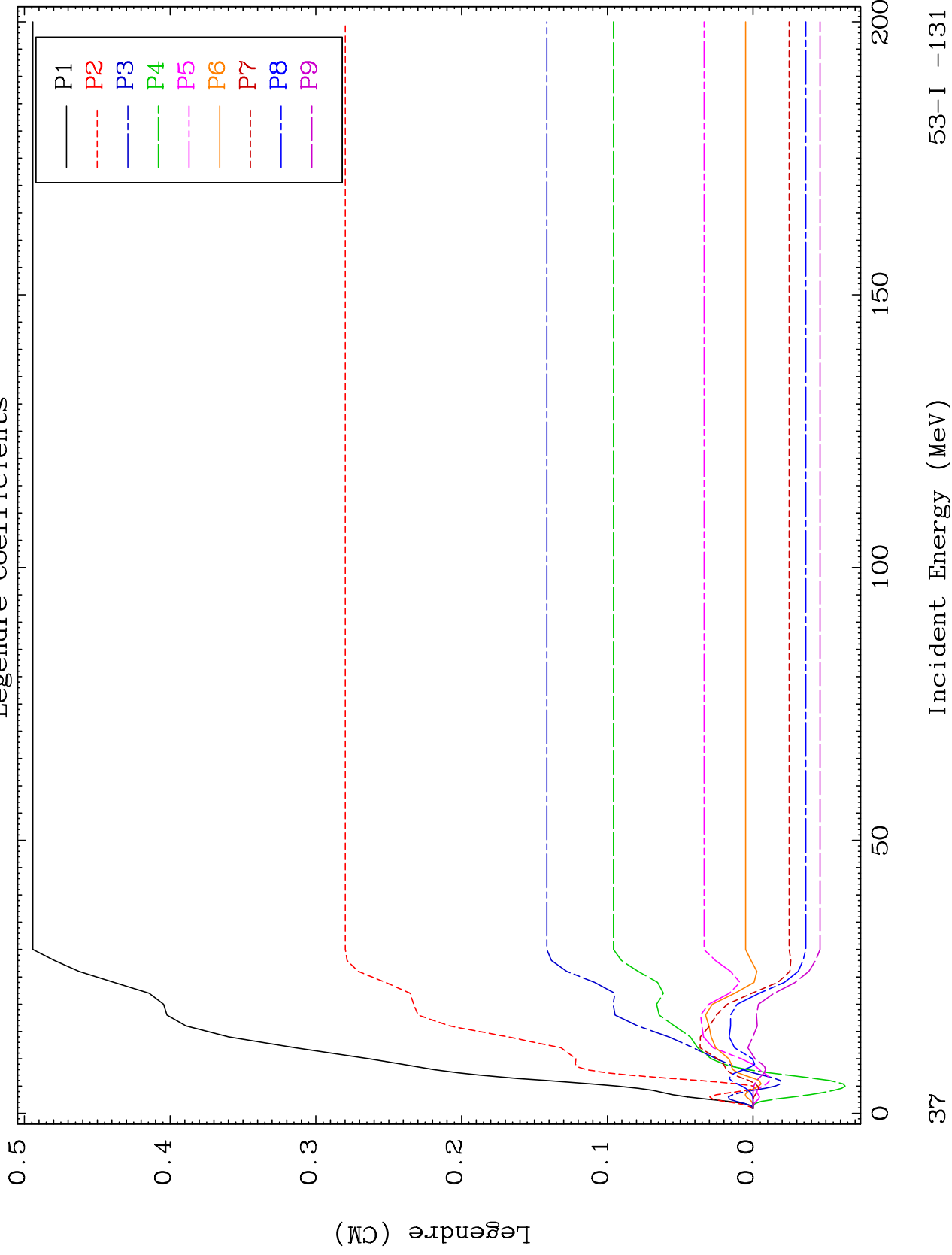
36

MAT 5337

MT= 55 (n,n') Level

53-I -131

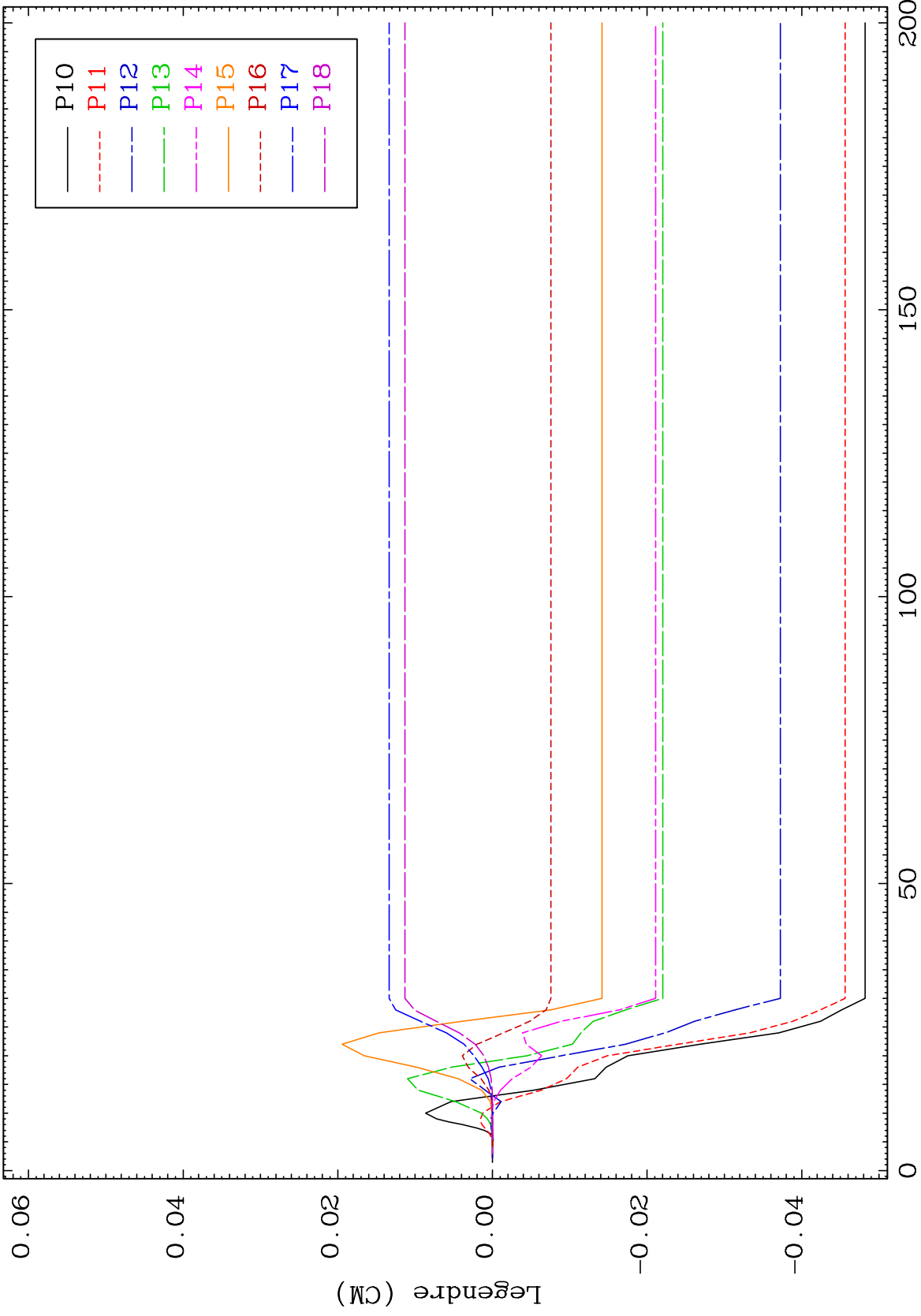
Legendre Coefficients



MAT 5337

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

53-I -131



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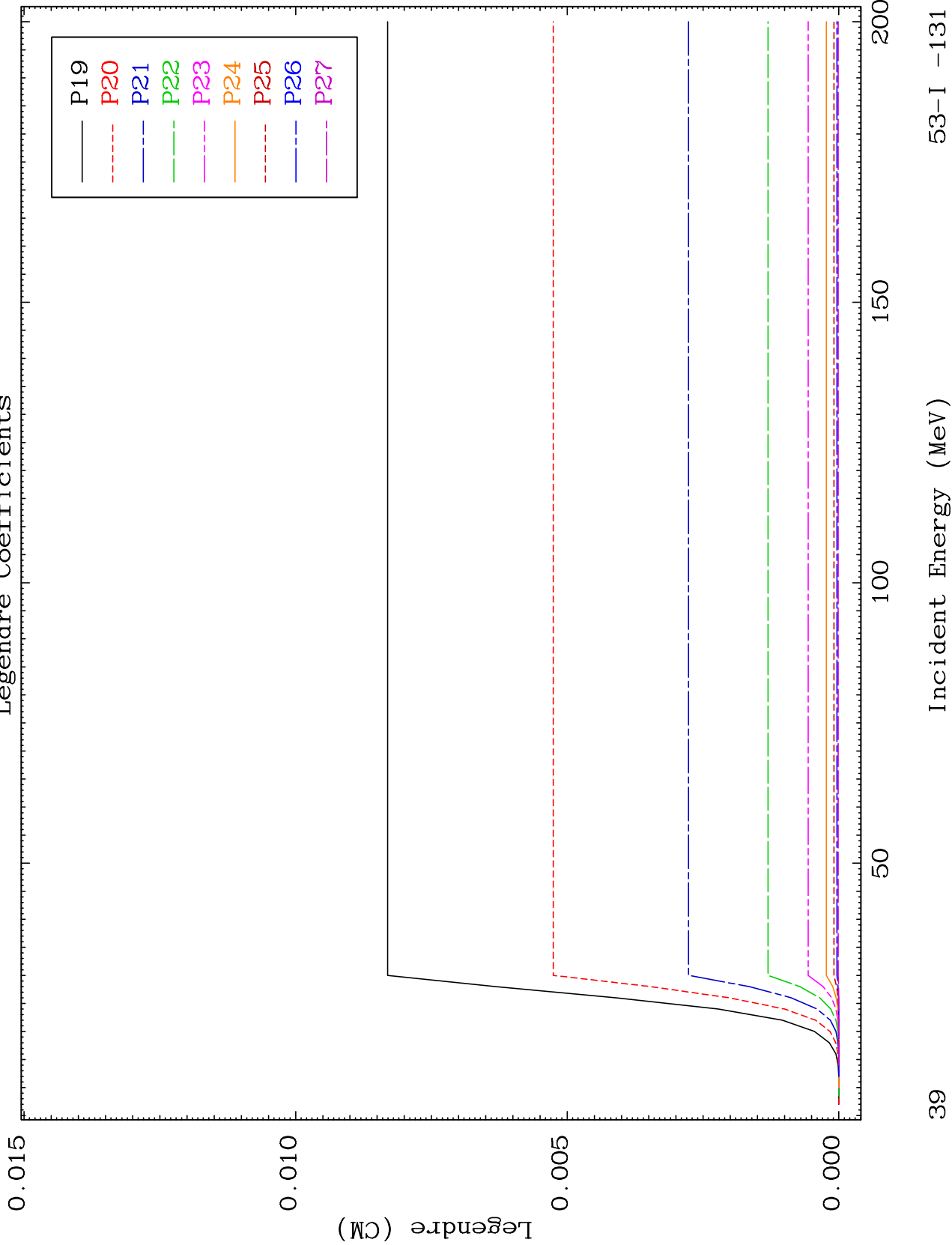
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



39

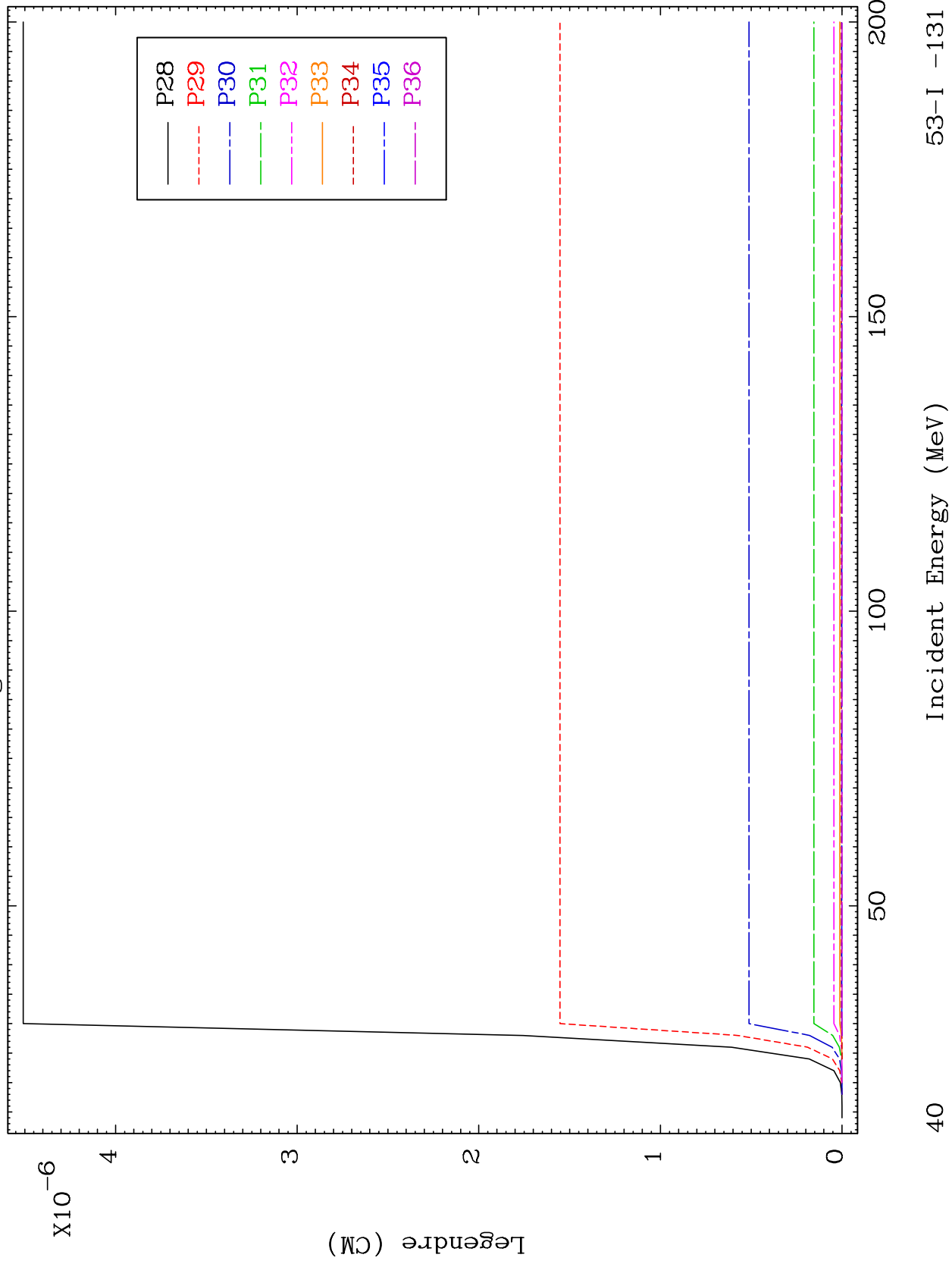
53-I -131



MAT 5337

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

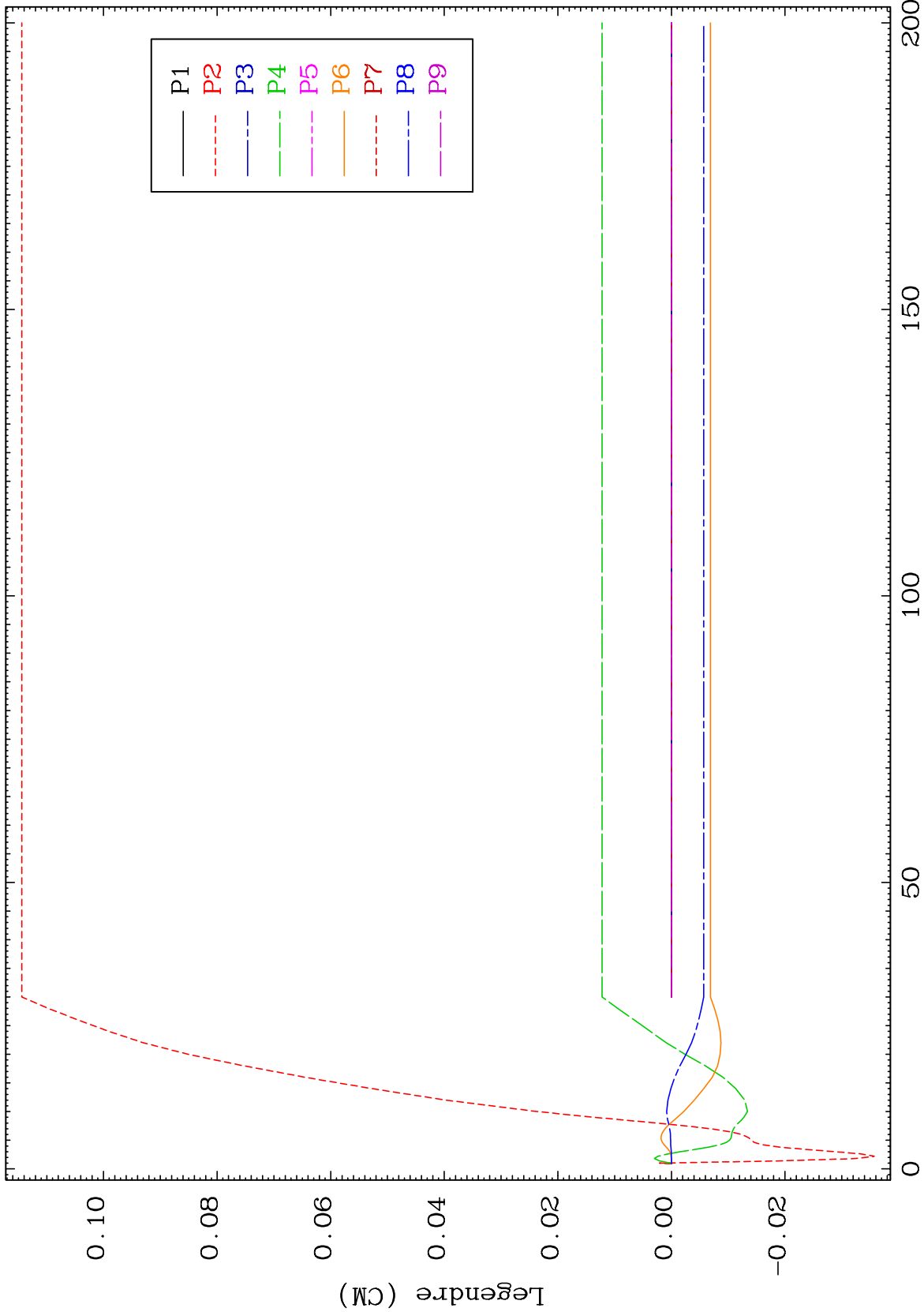
53-I -131



MAT 5337

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

53-I -131



41

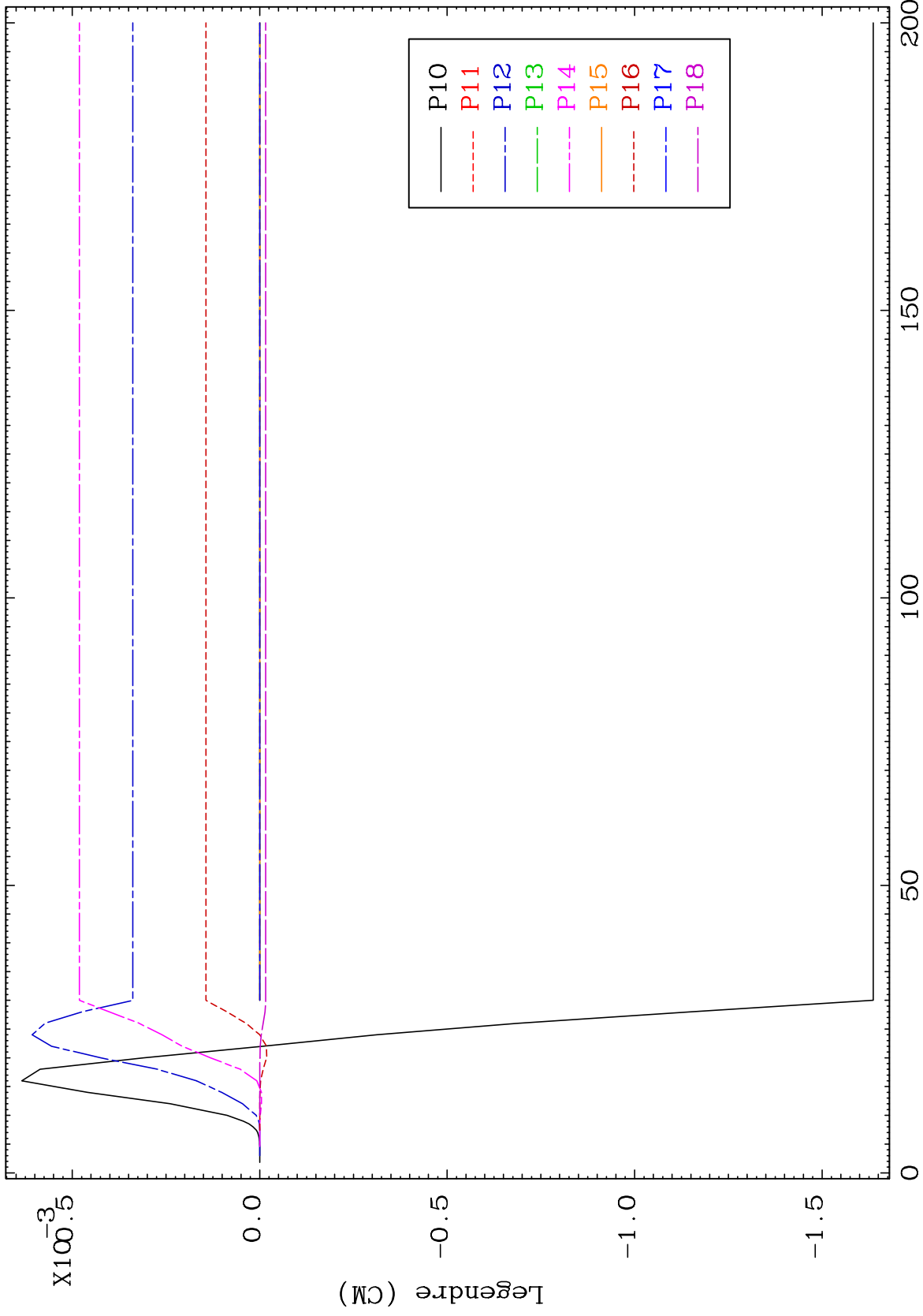
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



42

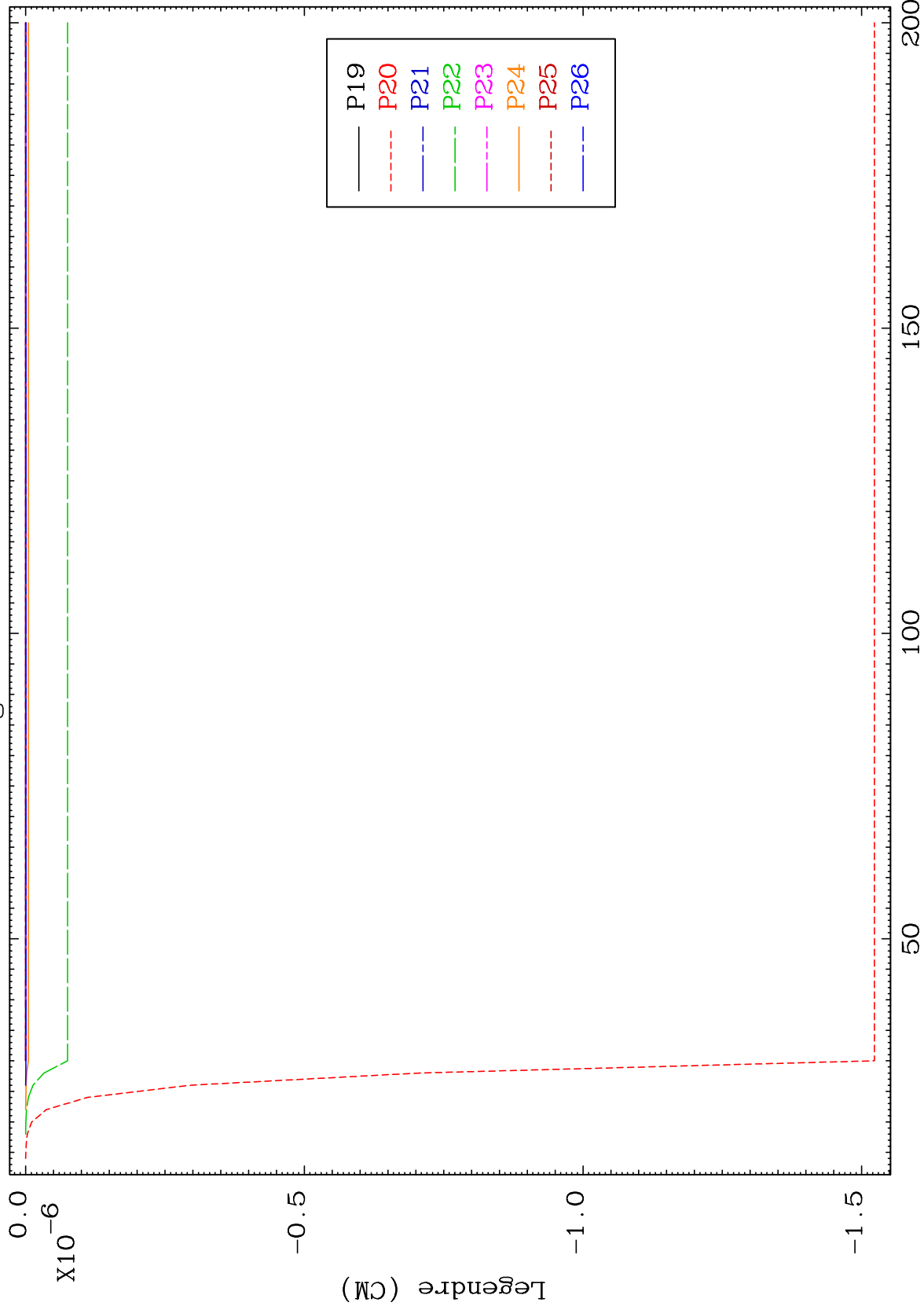
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



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Incident Energy (MeV)

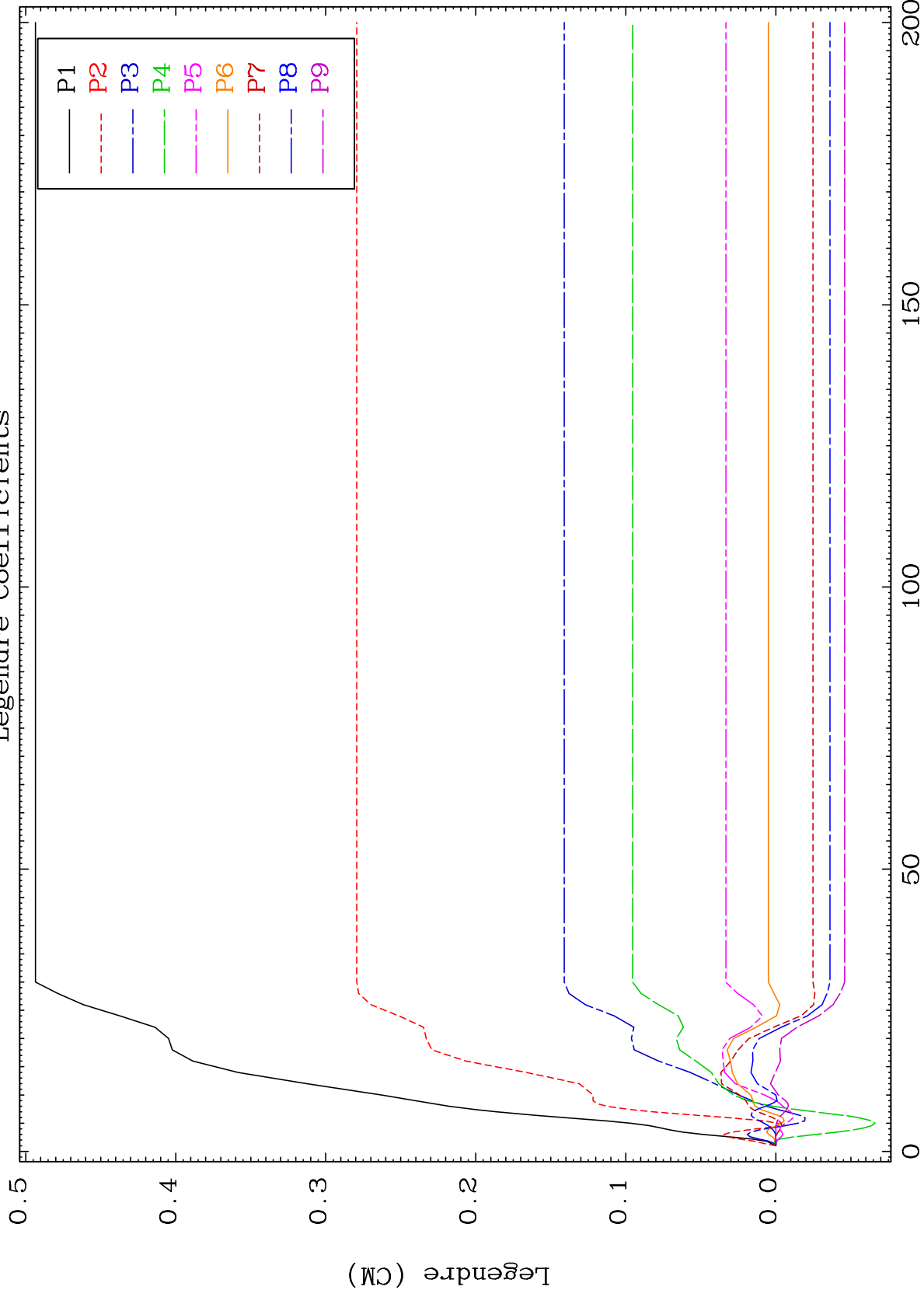
53-I -131

MAT 5337

MT= 57 (n,n') Level

53-I -131

Legendre Coefficients



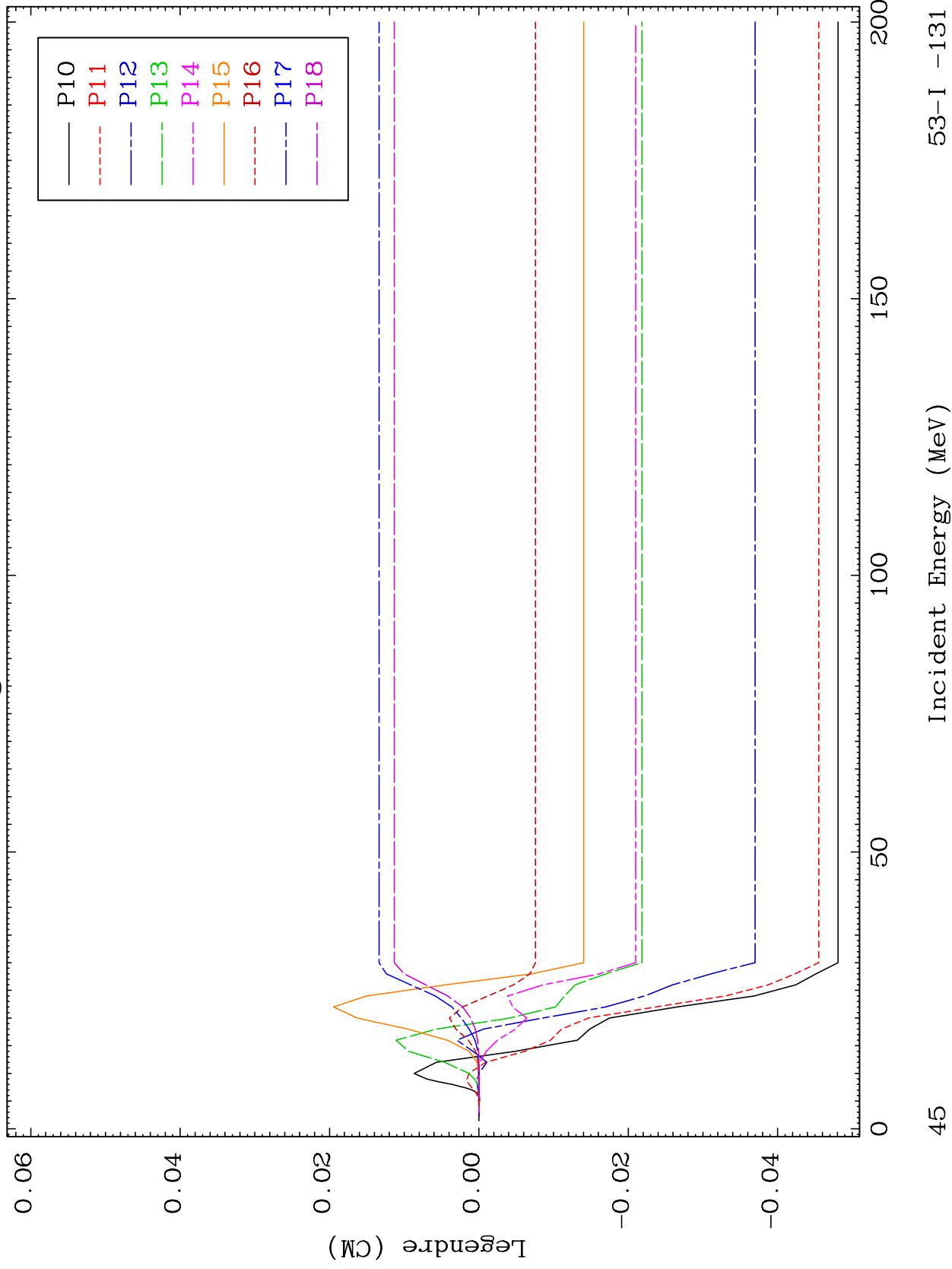
44

53-I -131

MAT 5337

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

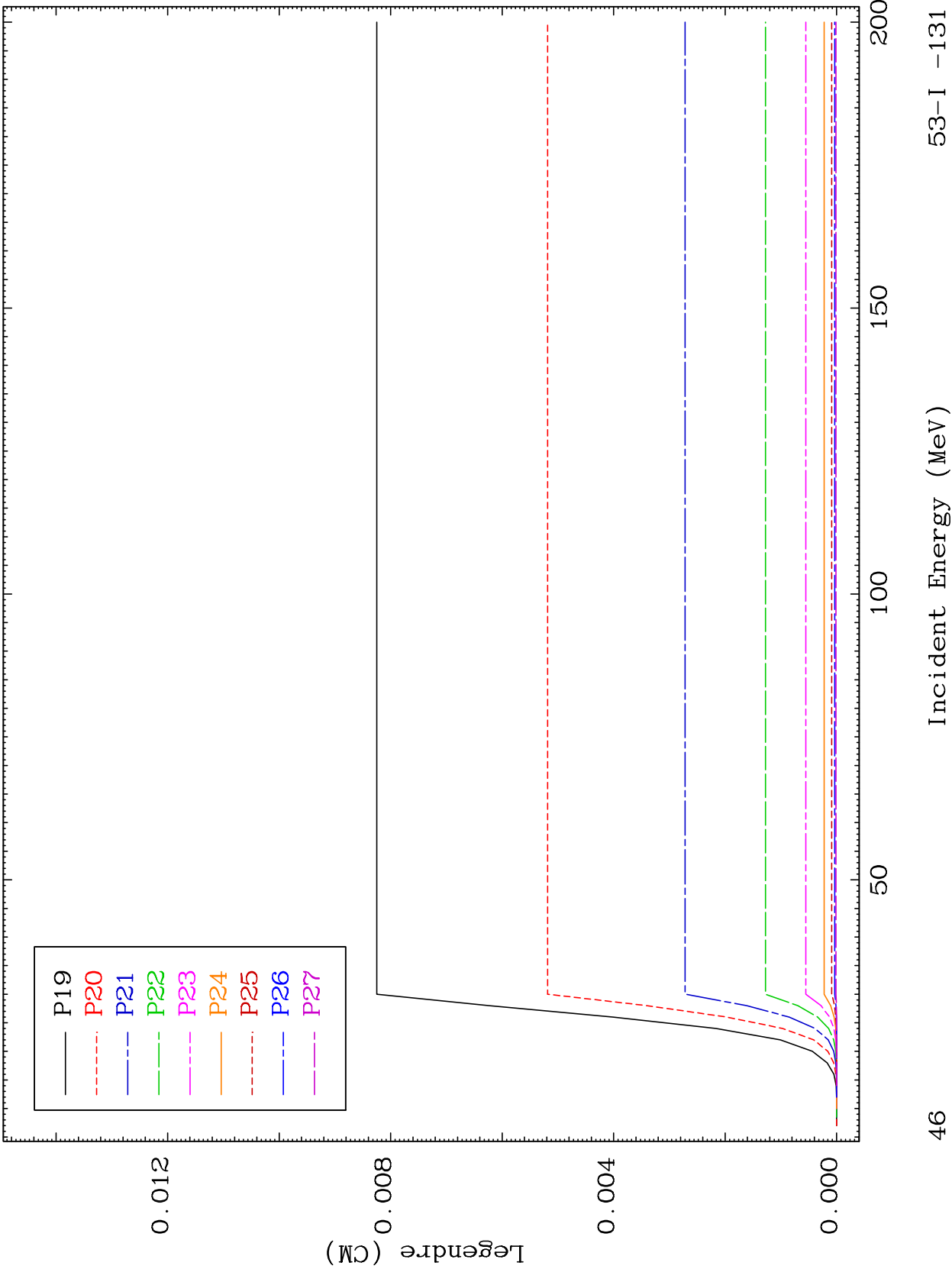
53-I -131



53-I -131

Incident Energy (MeV)

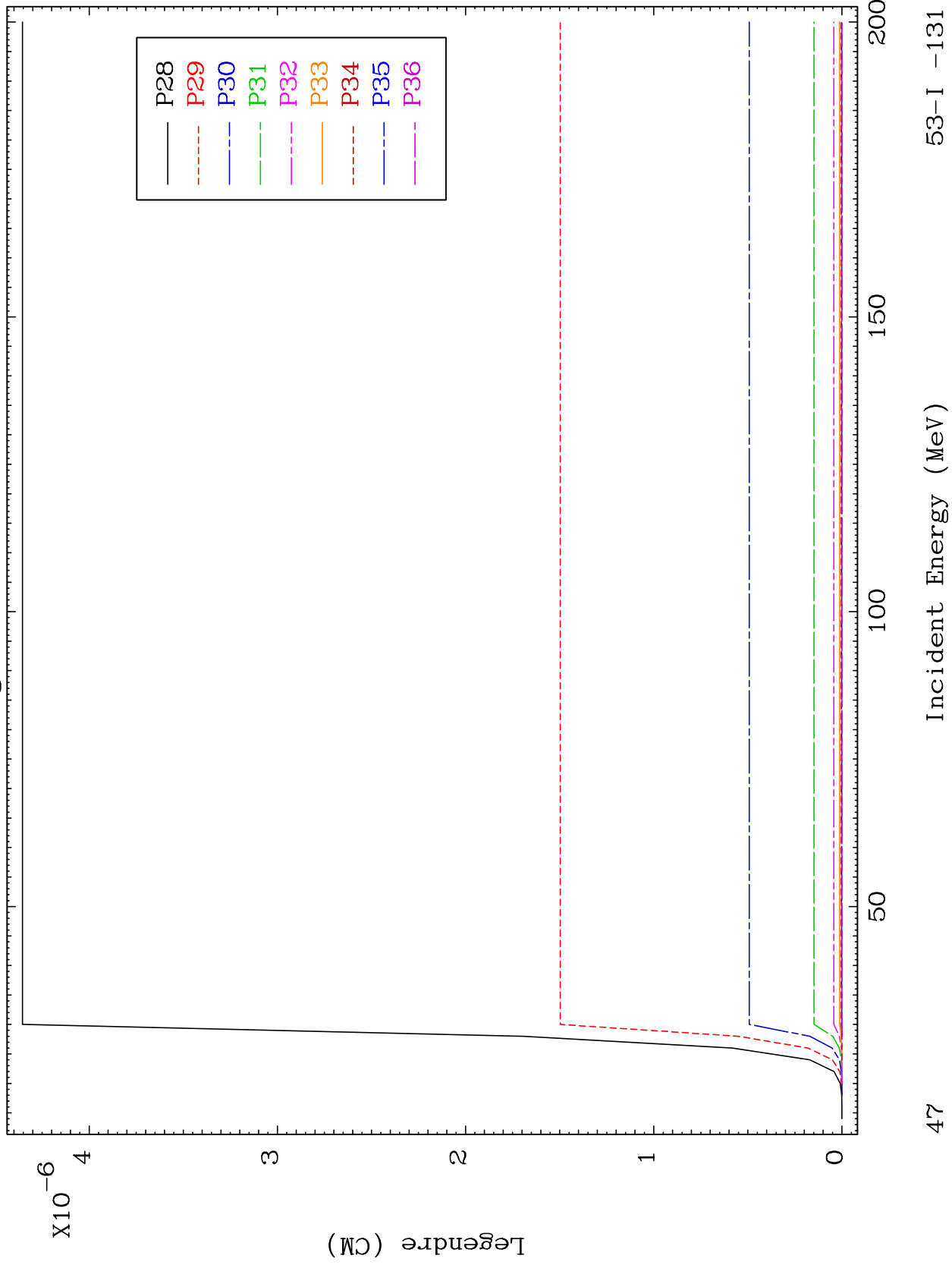
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MAT 5337

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

53-I -131



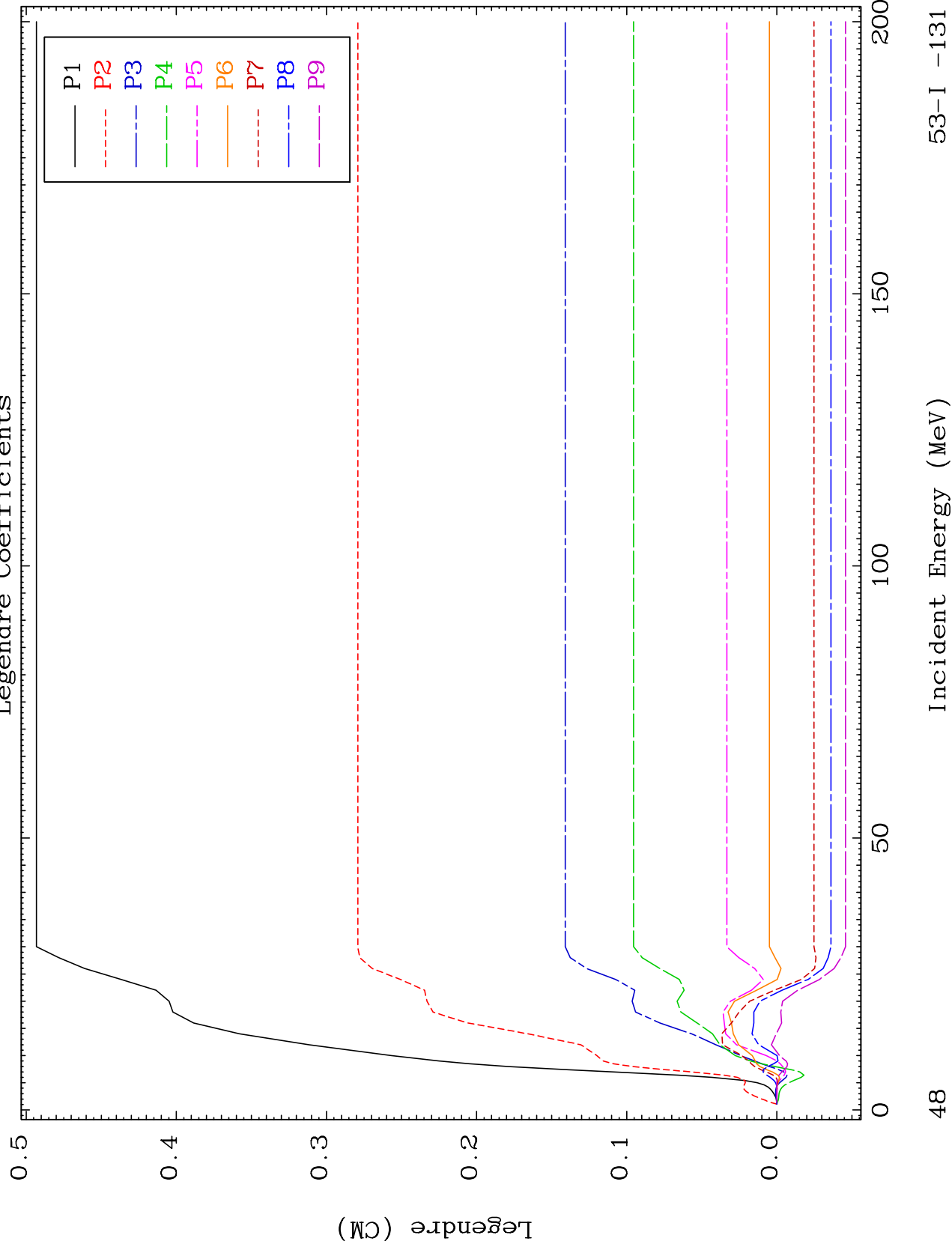


MAT 5337

MT= 58 (n,n') Level

53-I -131

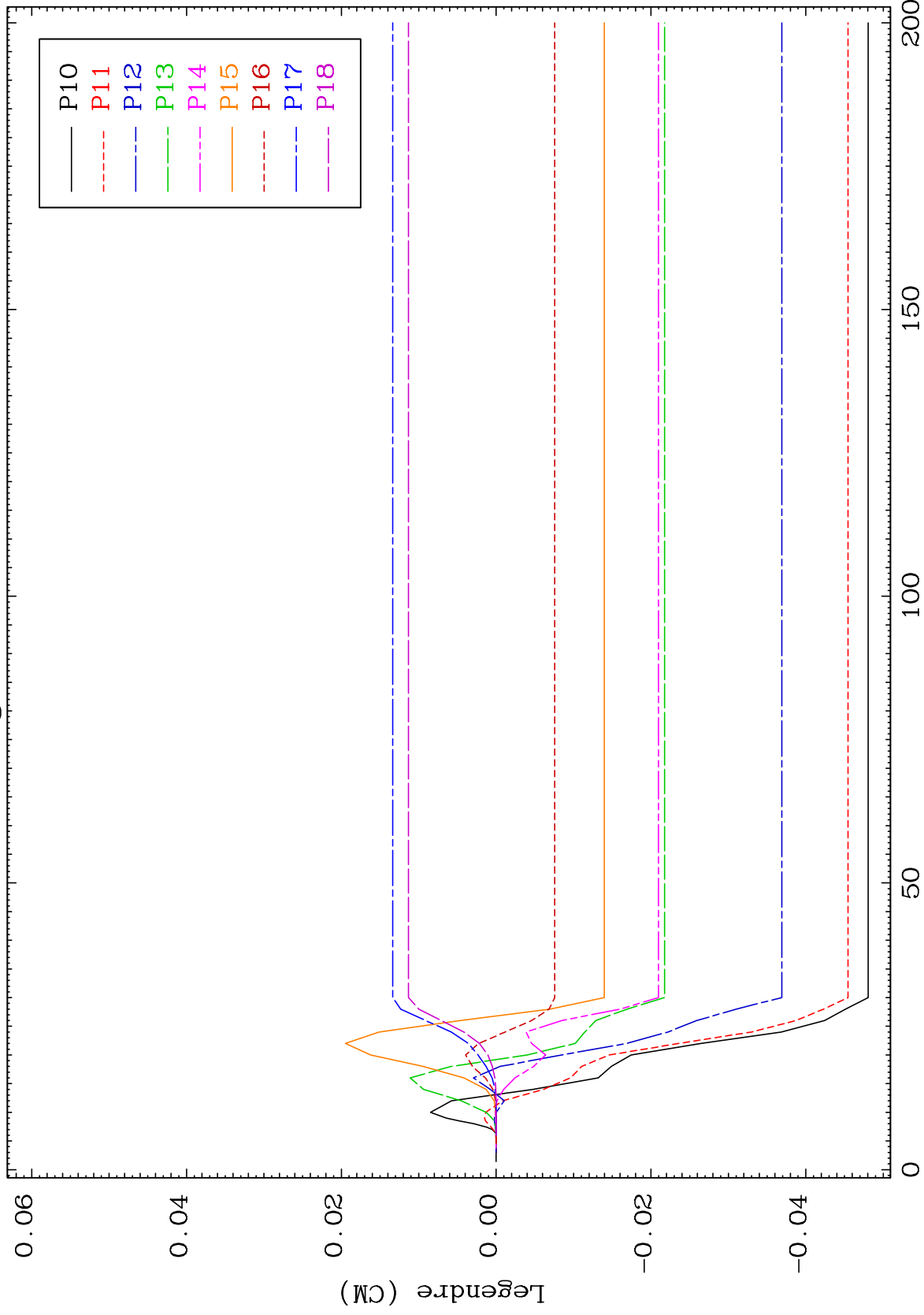
Legendre Coefficients



MAT 5337

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

53-I -131



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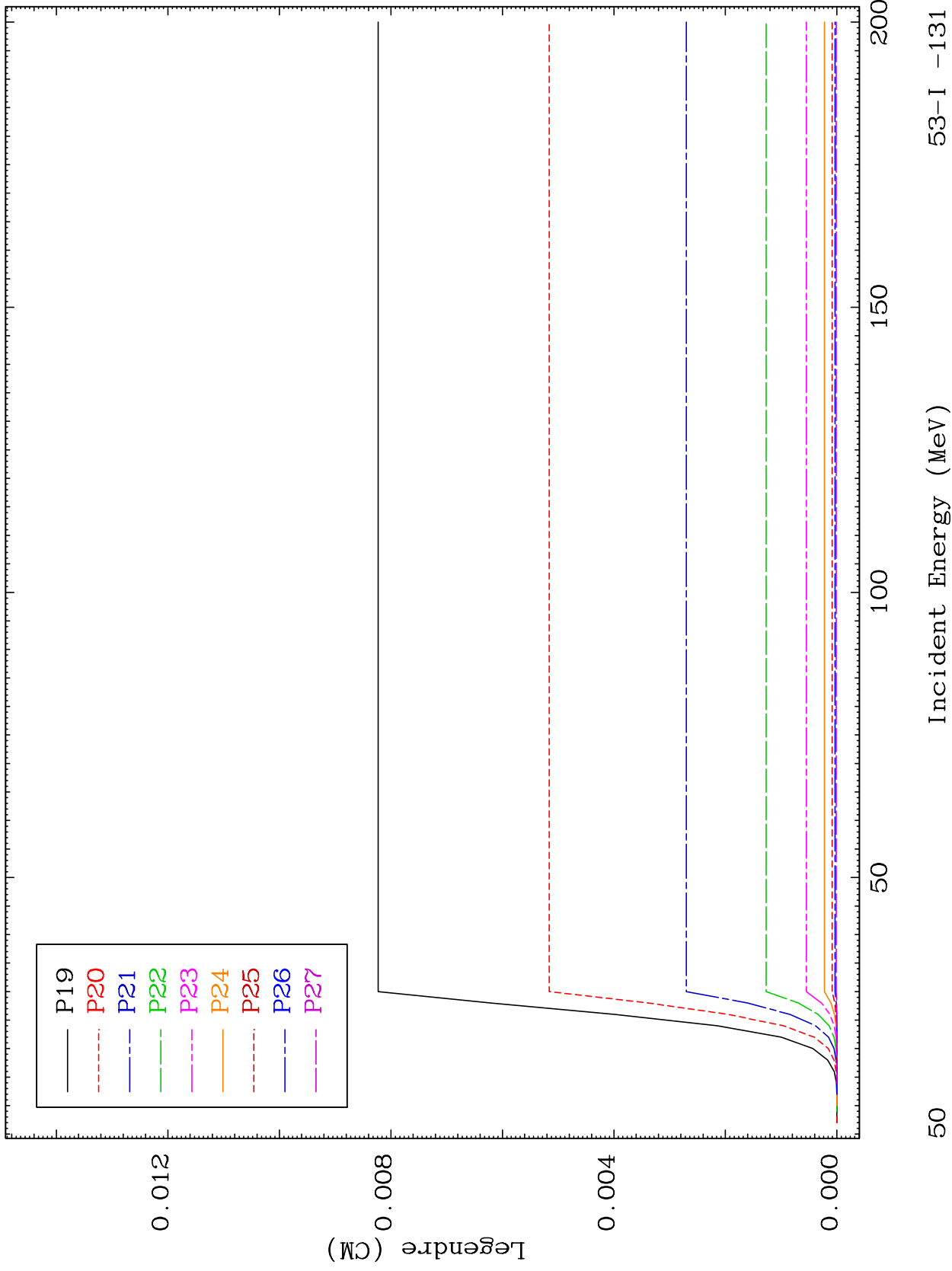
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



53-I -131

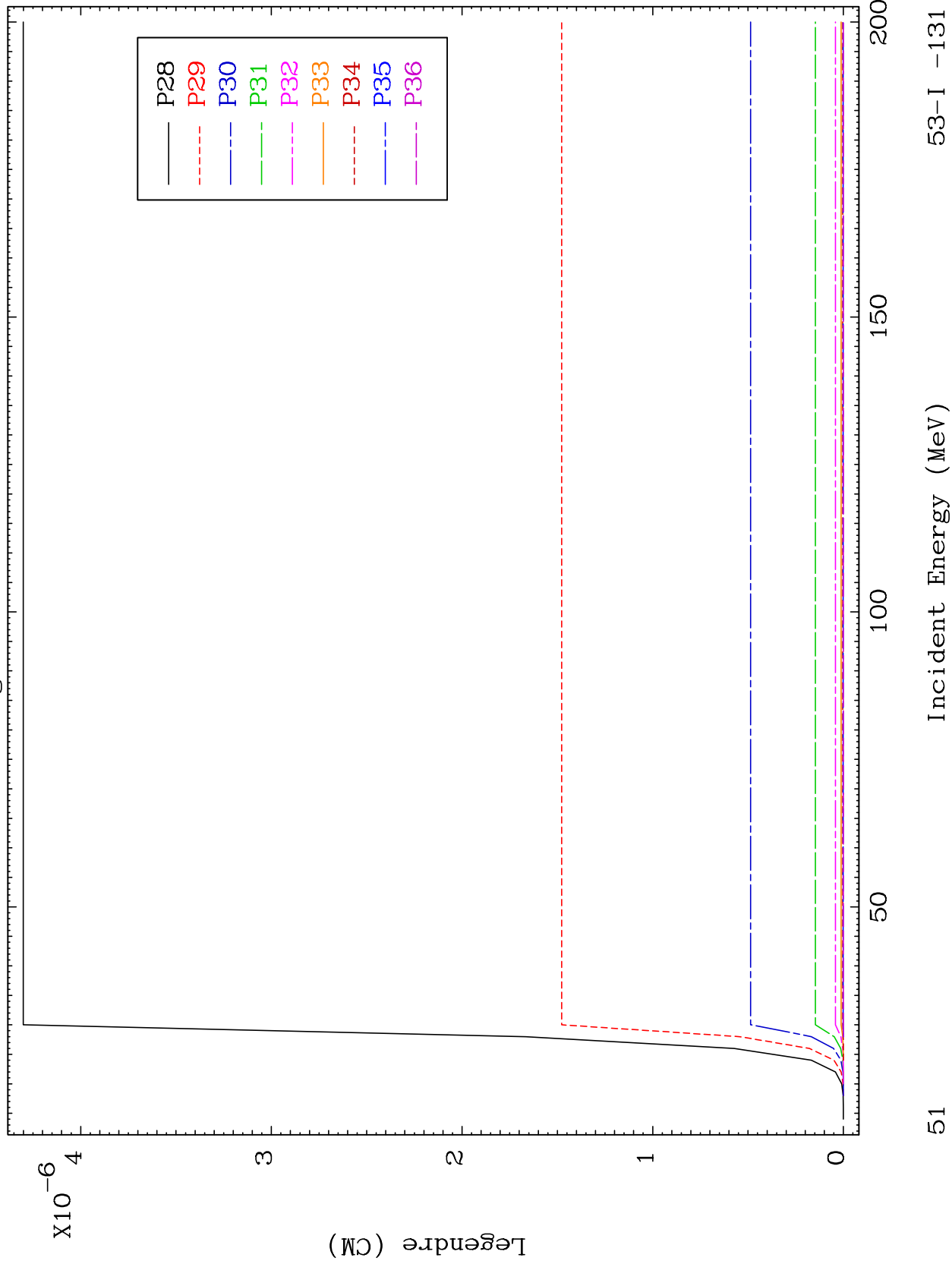
Incident Energy (MeV)

50

MAT 5337

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

53-I -131

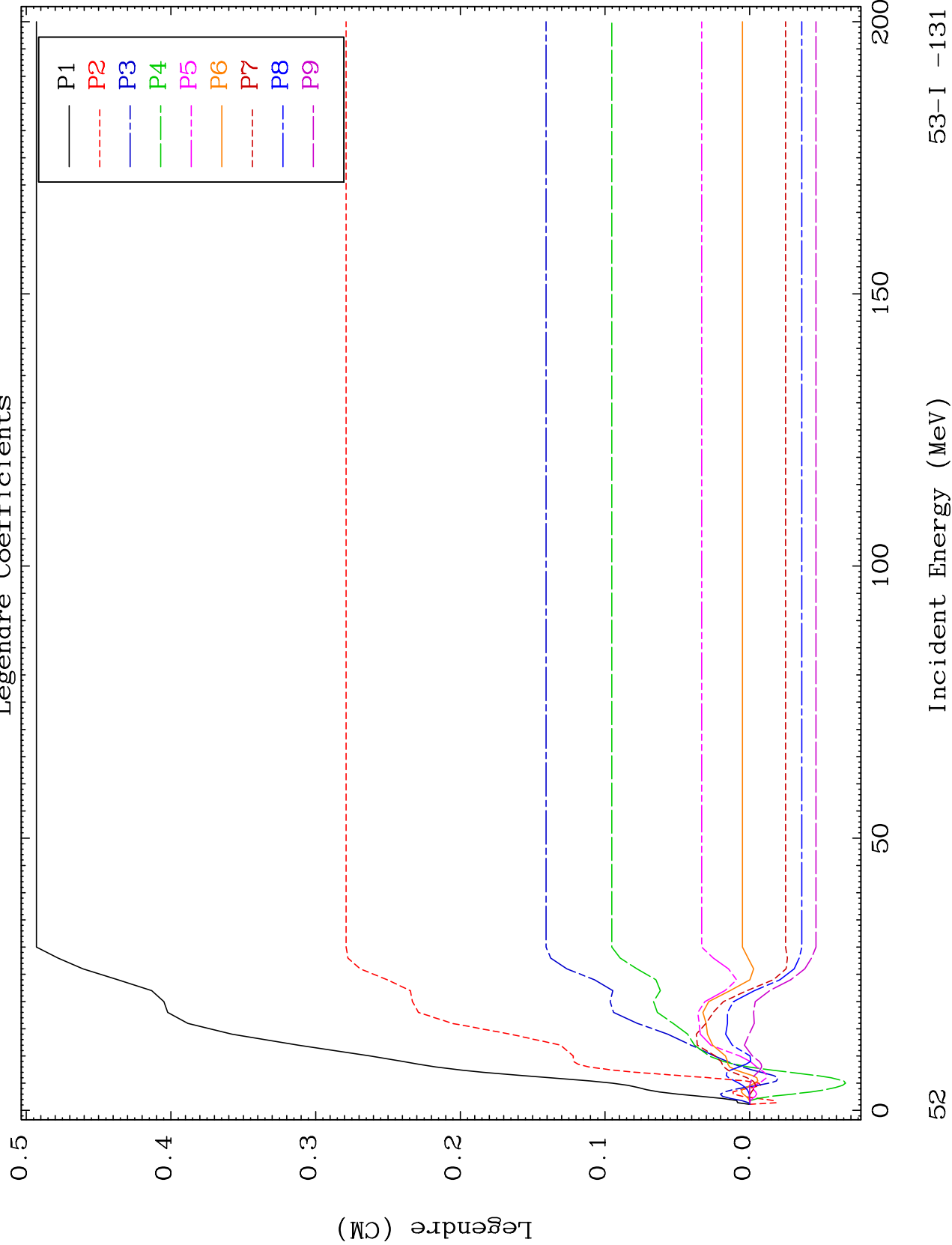


MAT 5337

MT= 59 (n,n') Level

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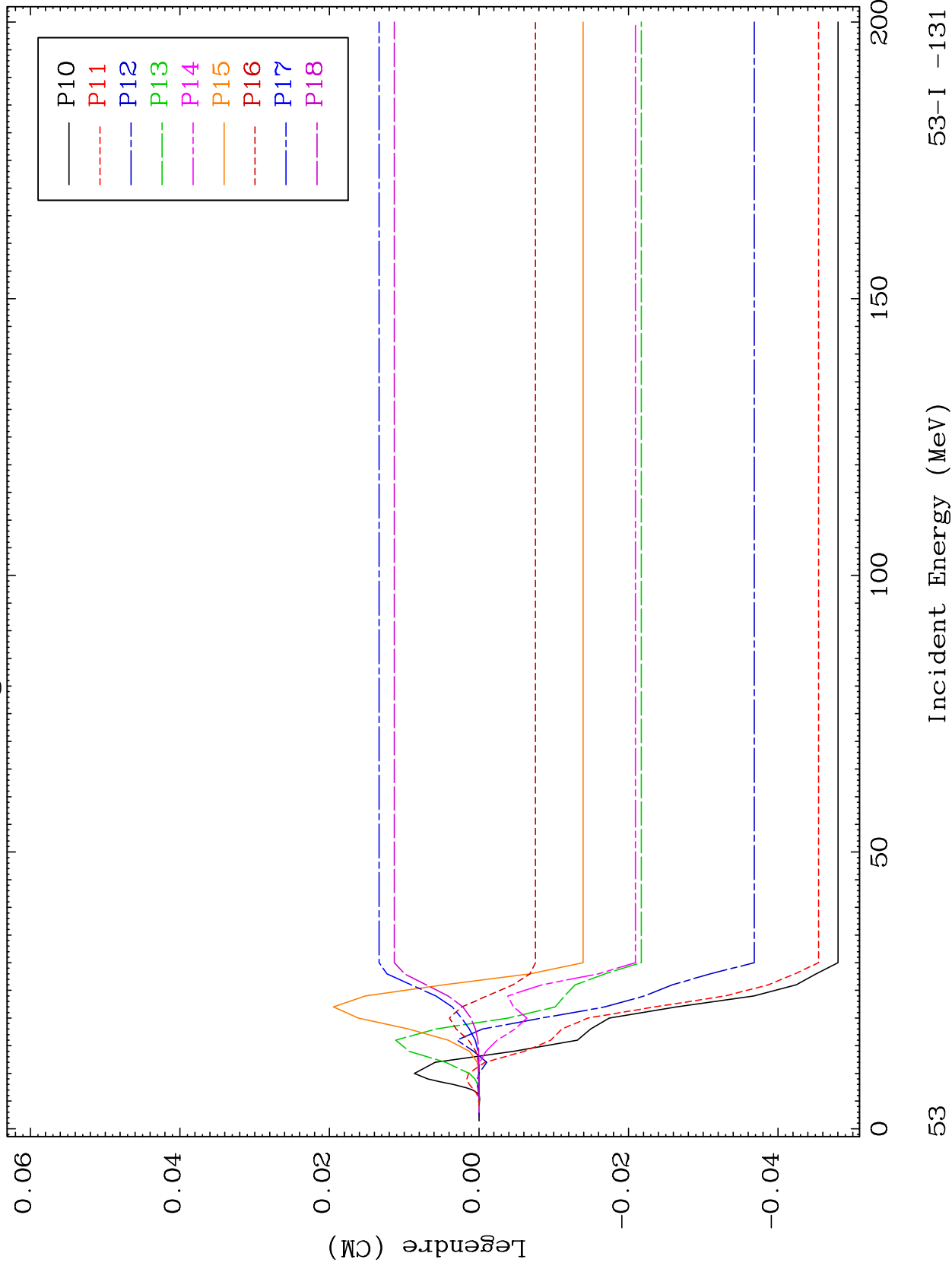
Legendre Coefficients



MAT 5337

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

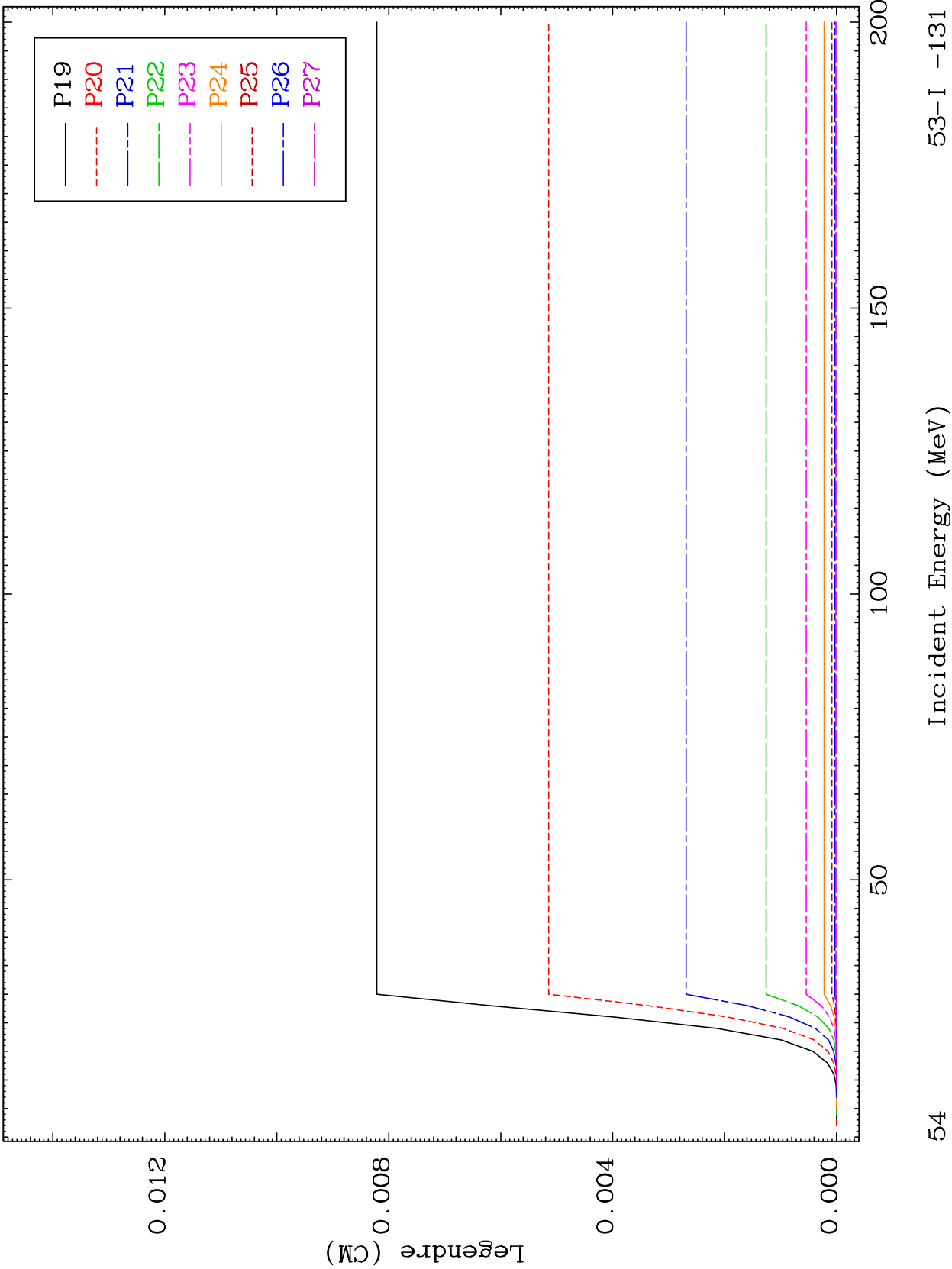
53-I -131



53

Incident Energy (MeV)

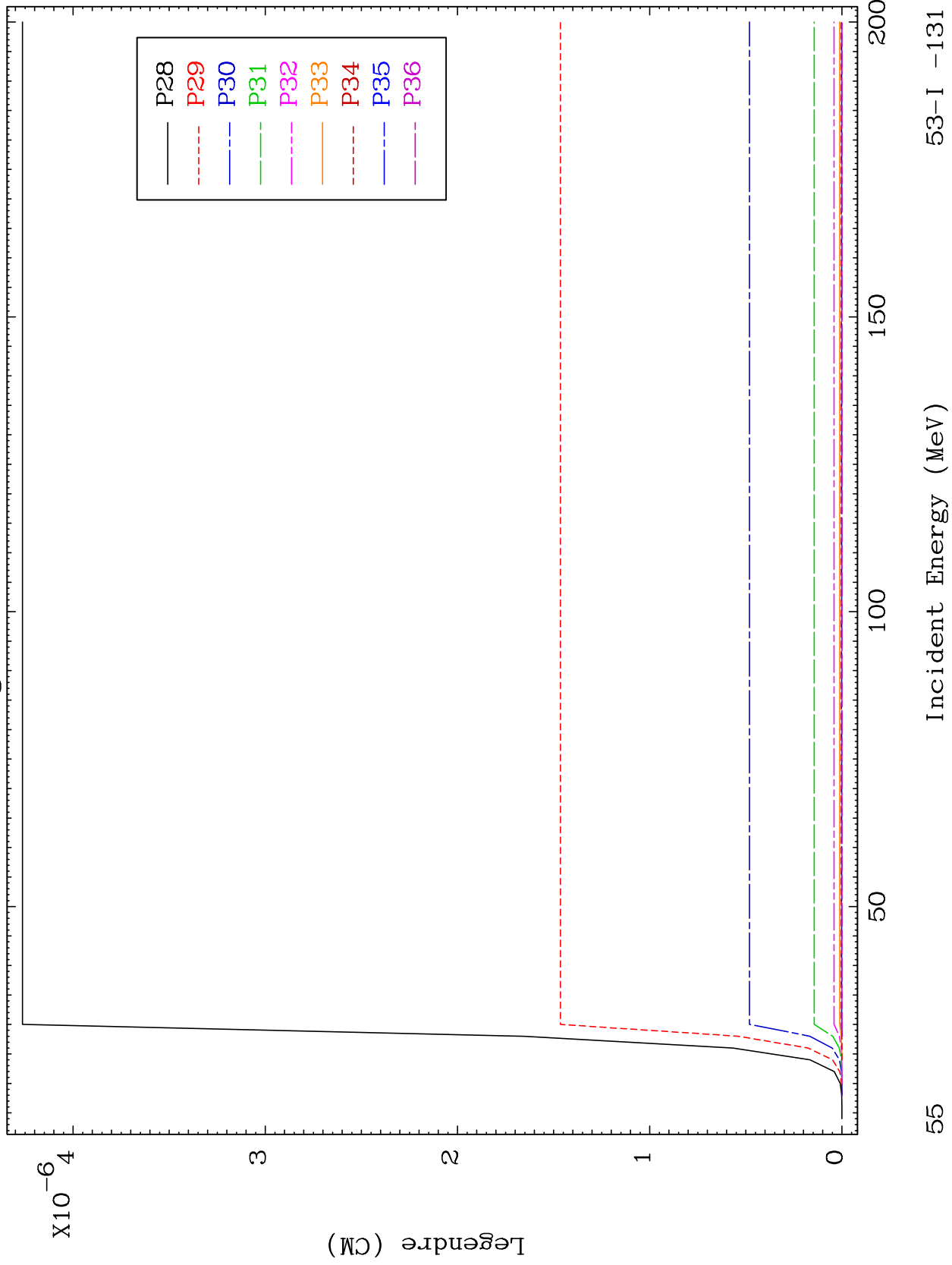
53-I -131



MAT 5337

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

53-I -131

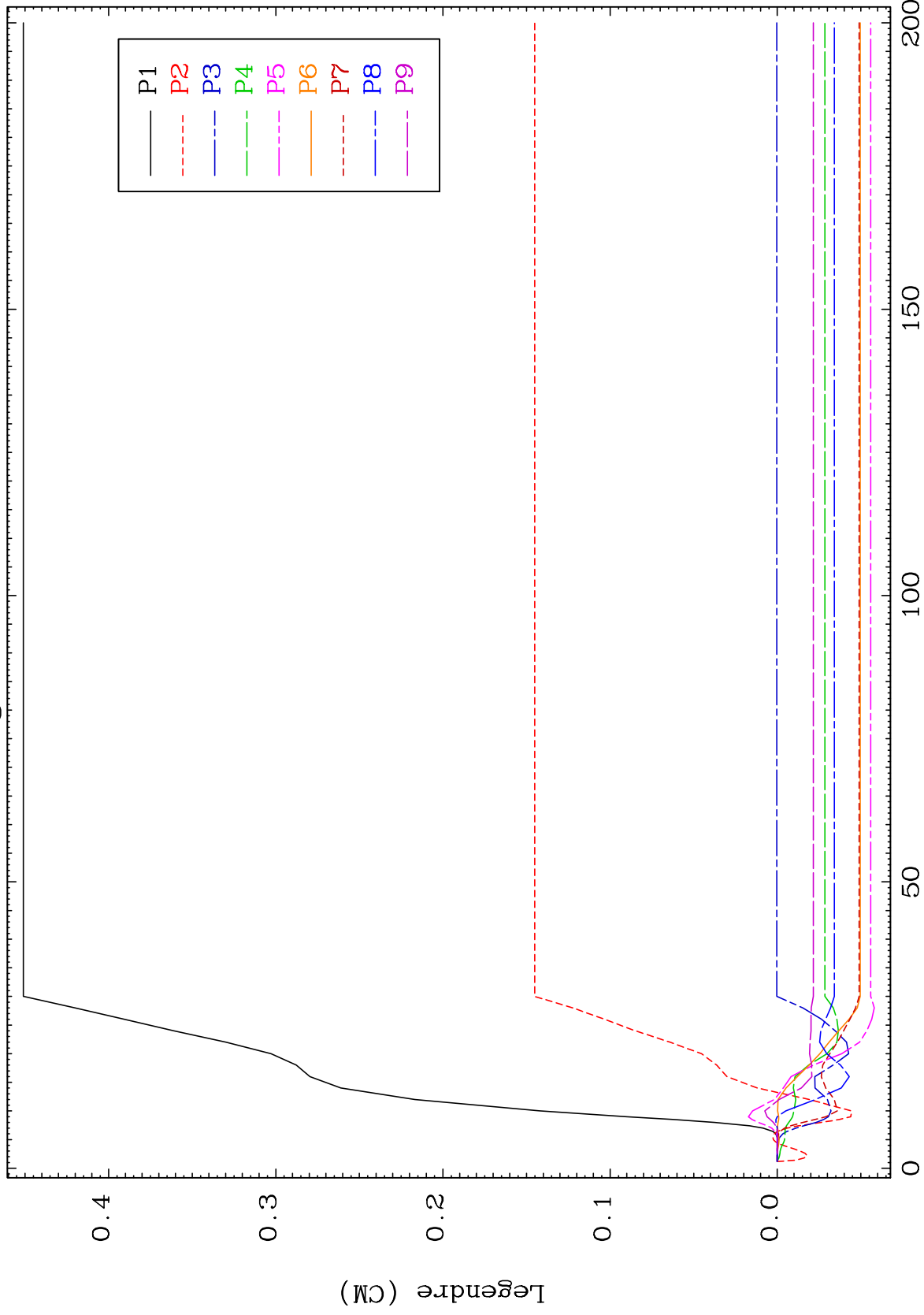




MAT 5337

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

53-I -131



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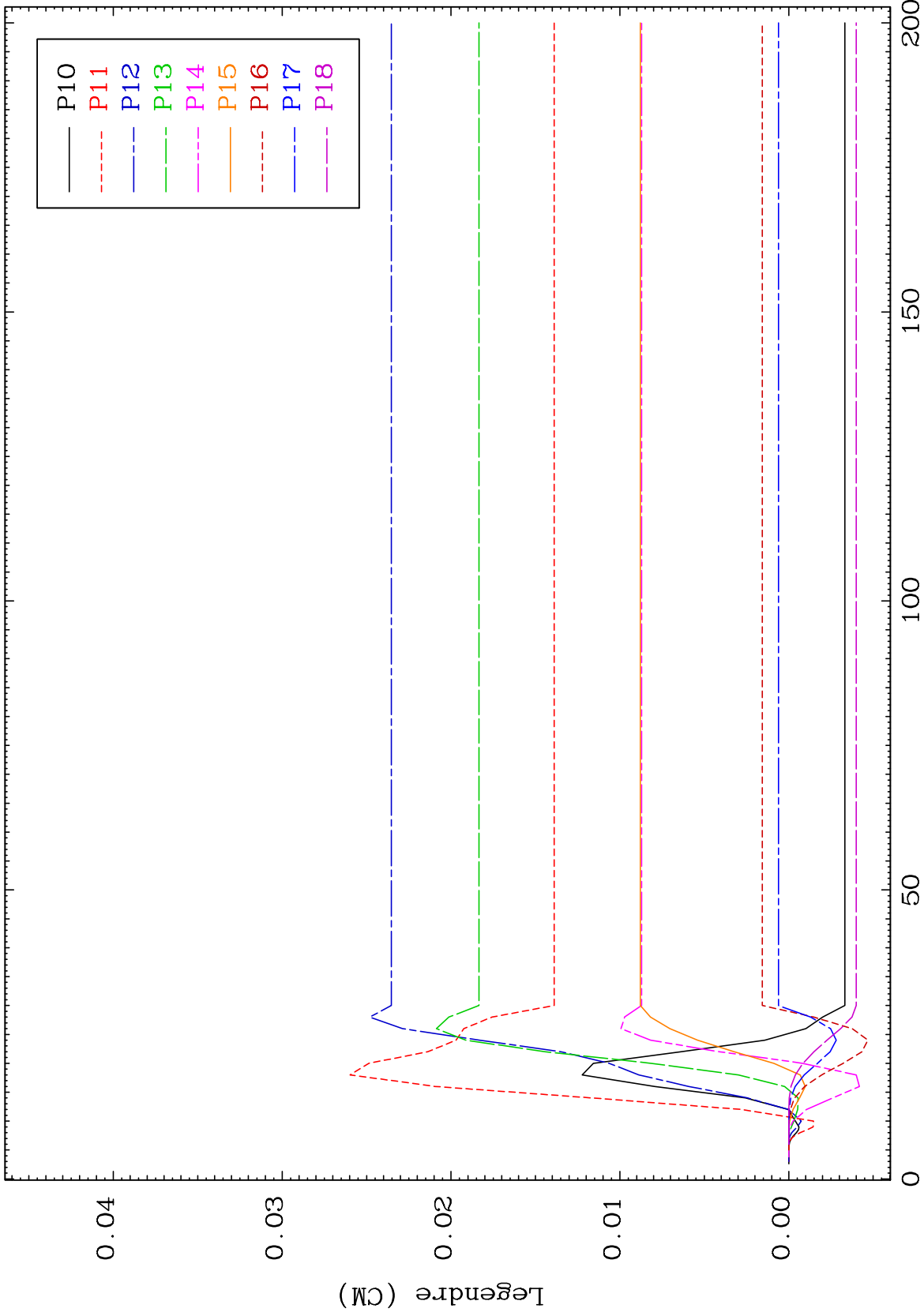
Incident Energy (MeV)

53-I -131

MAT 5337

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

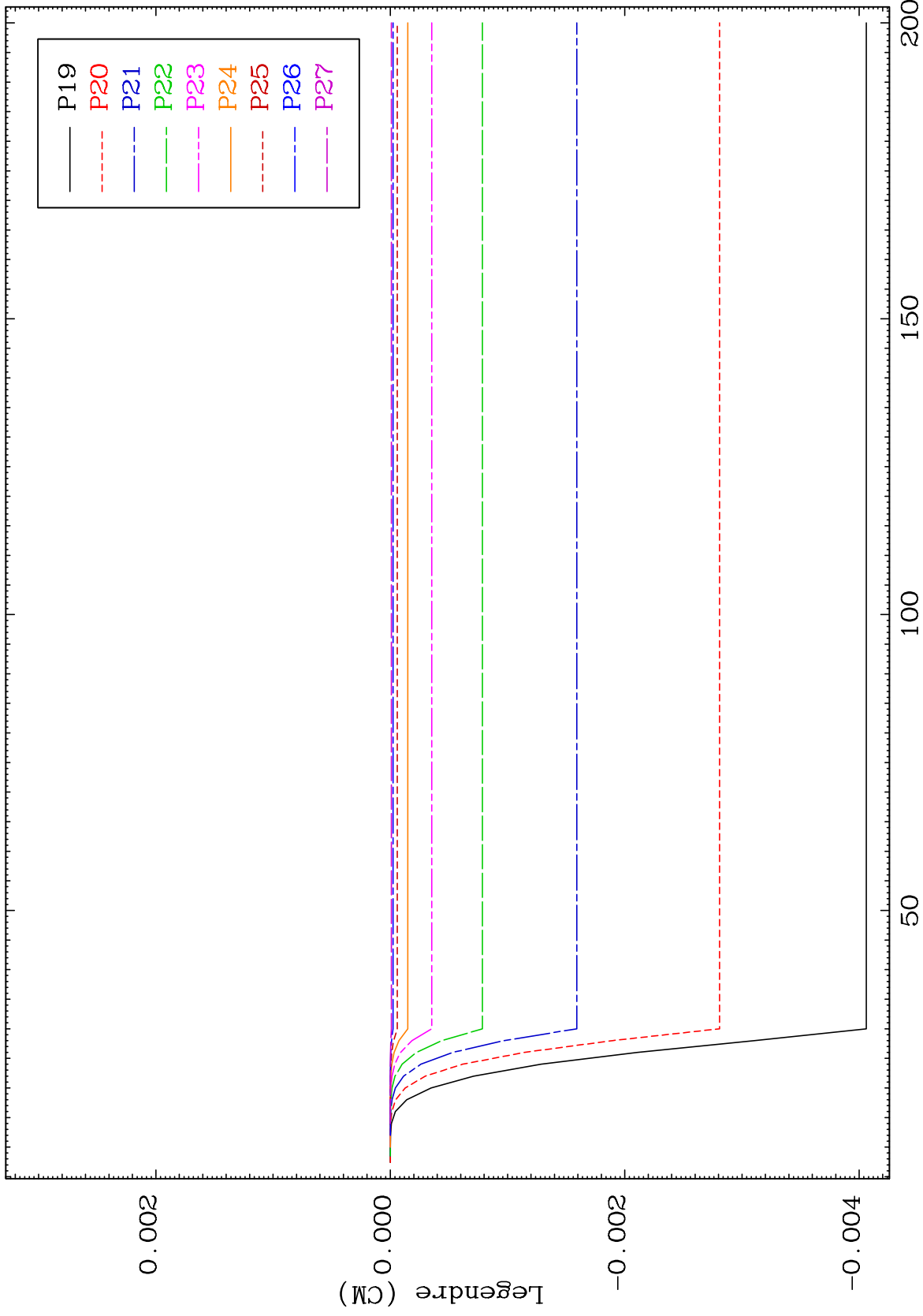
53-I -131



57

Incident Energy (MeV)

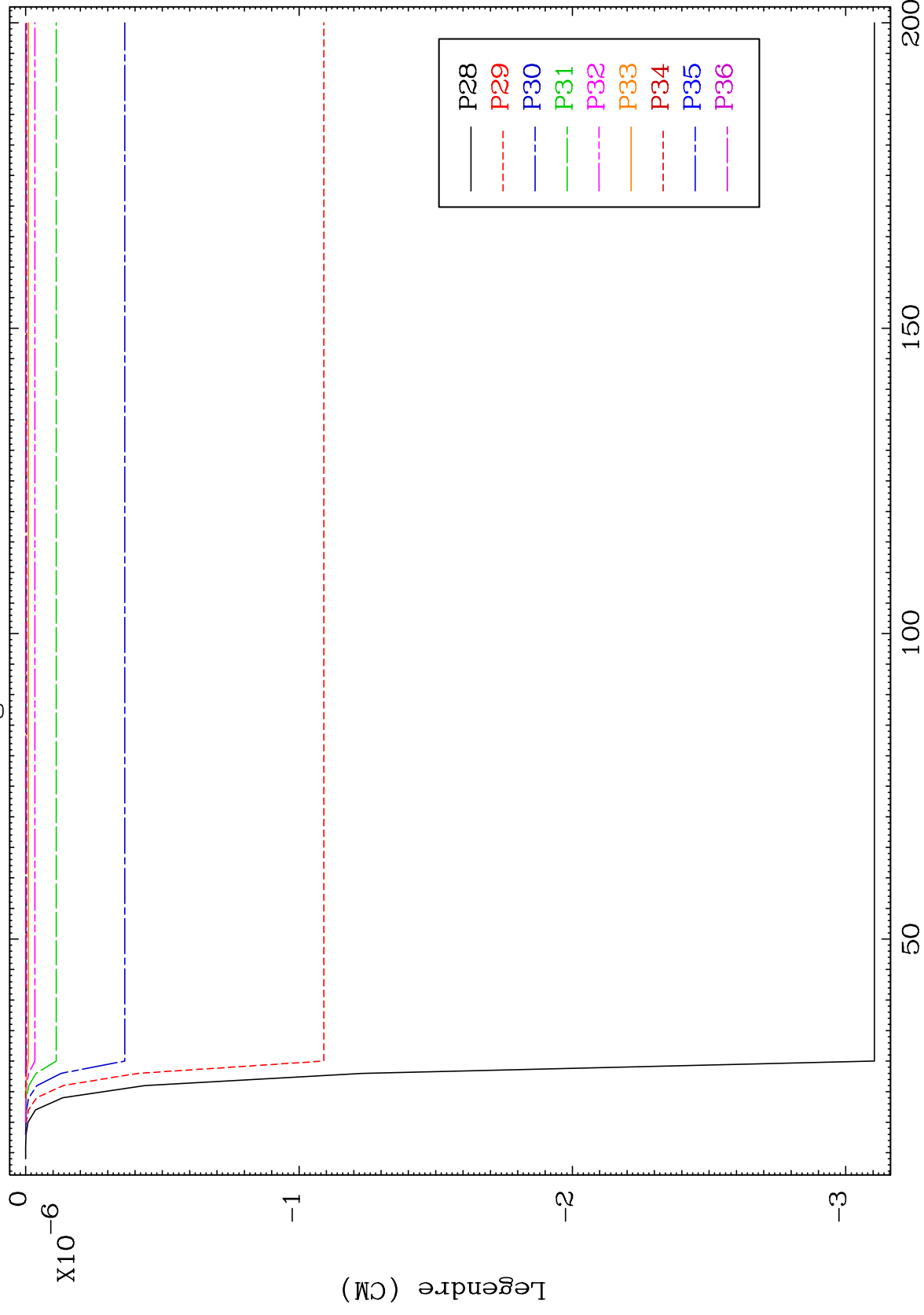
53-I -131



MAT 5337

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

53-I -131



59

Incident Energy (MeV)

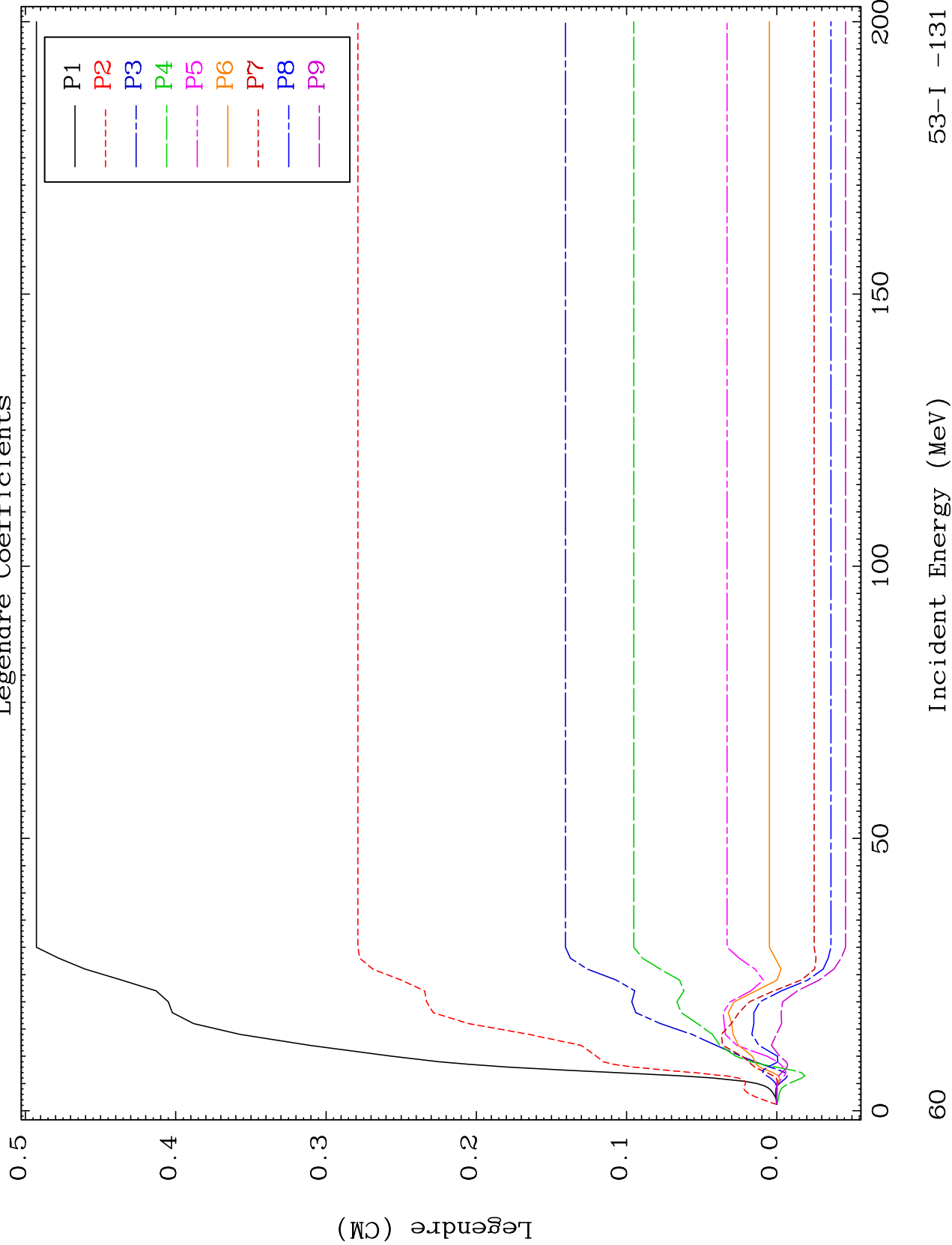
53-I -131

MAT 5337

MT= 61 (n,n') Level

53-I -131

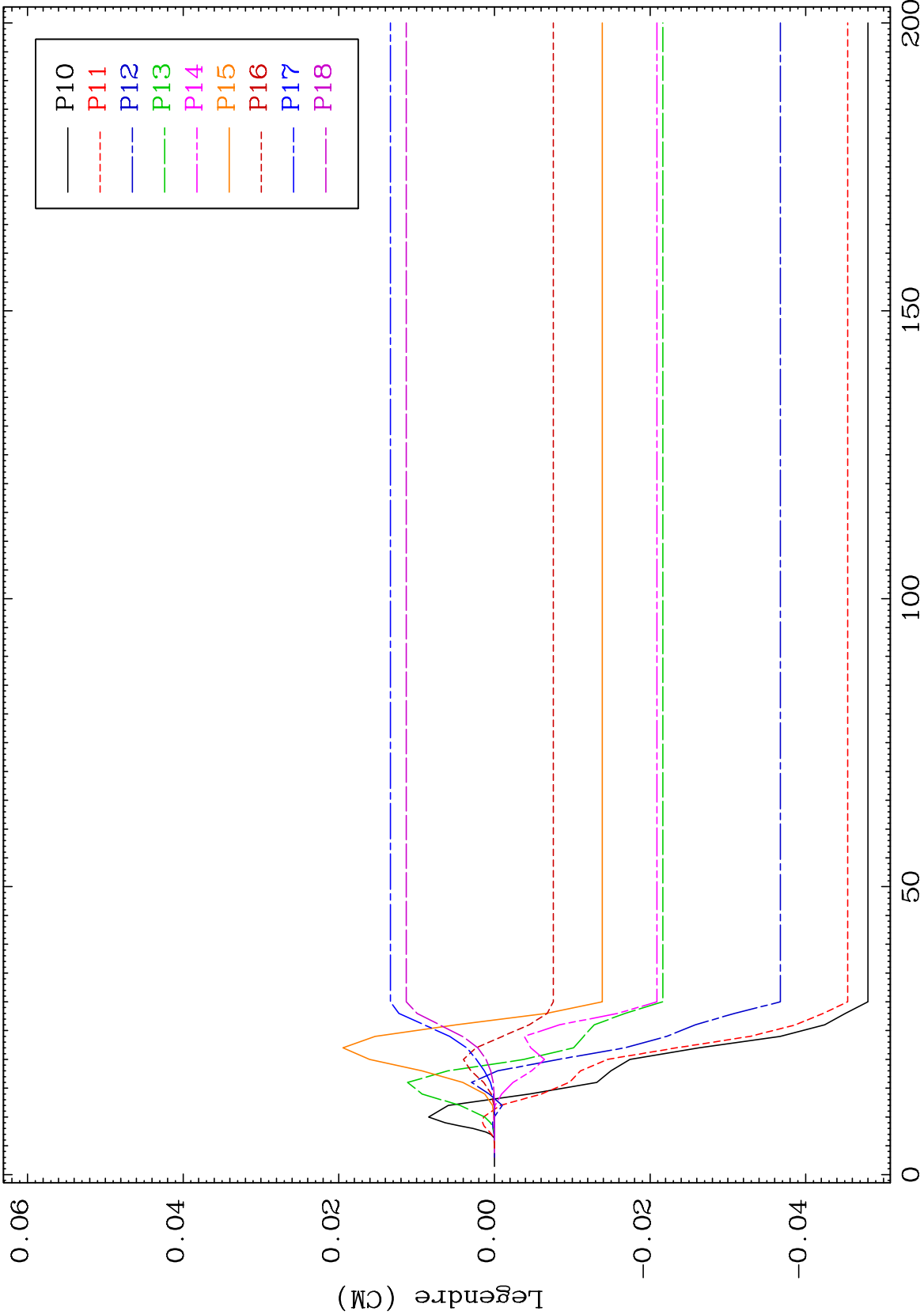
Legendre Coefficients



MAT 5337

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

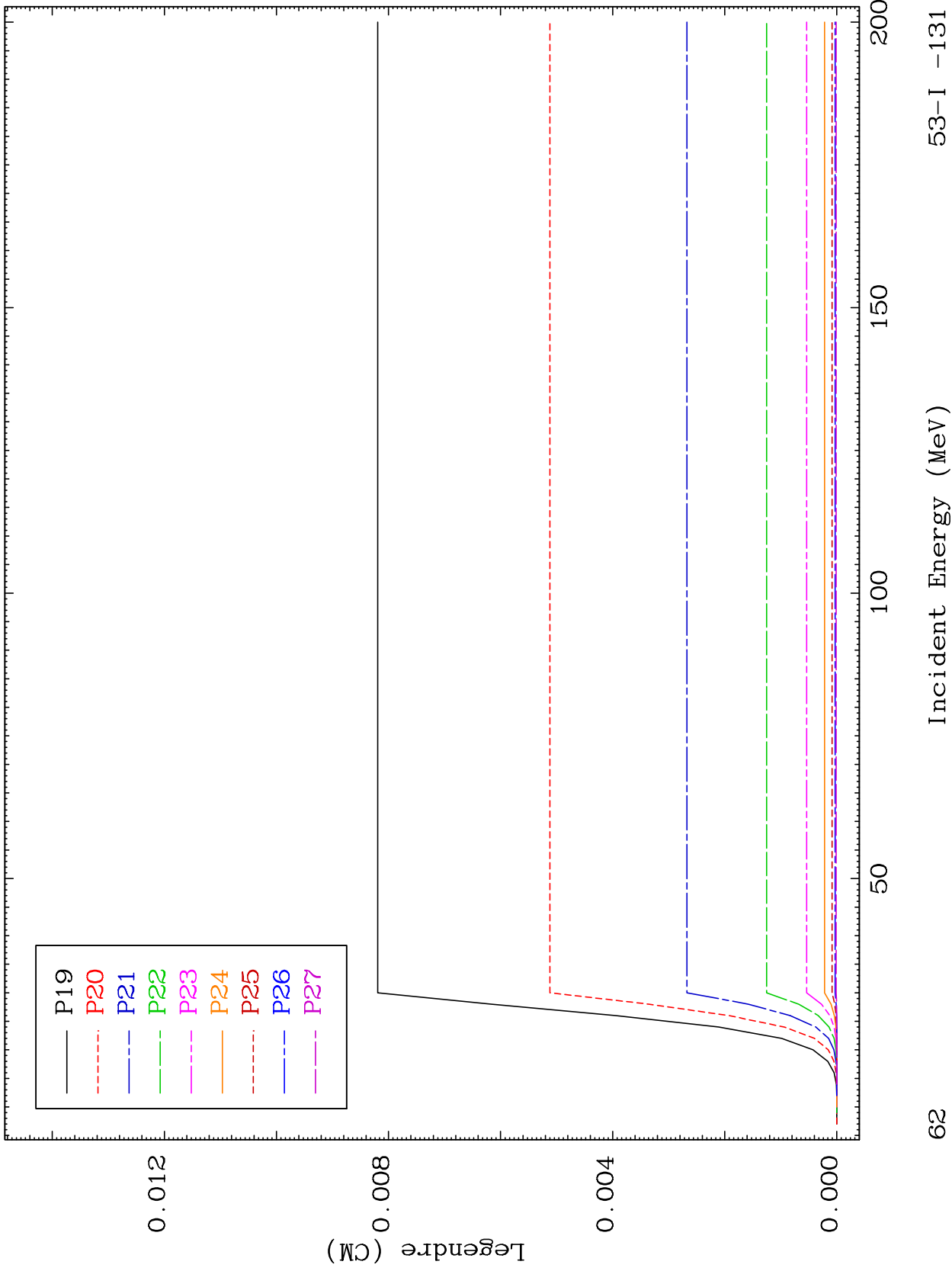
53-I -131



61

Incident Energy (MeV)

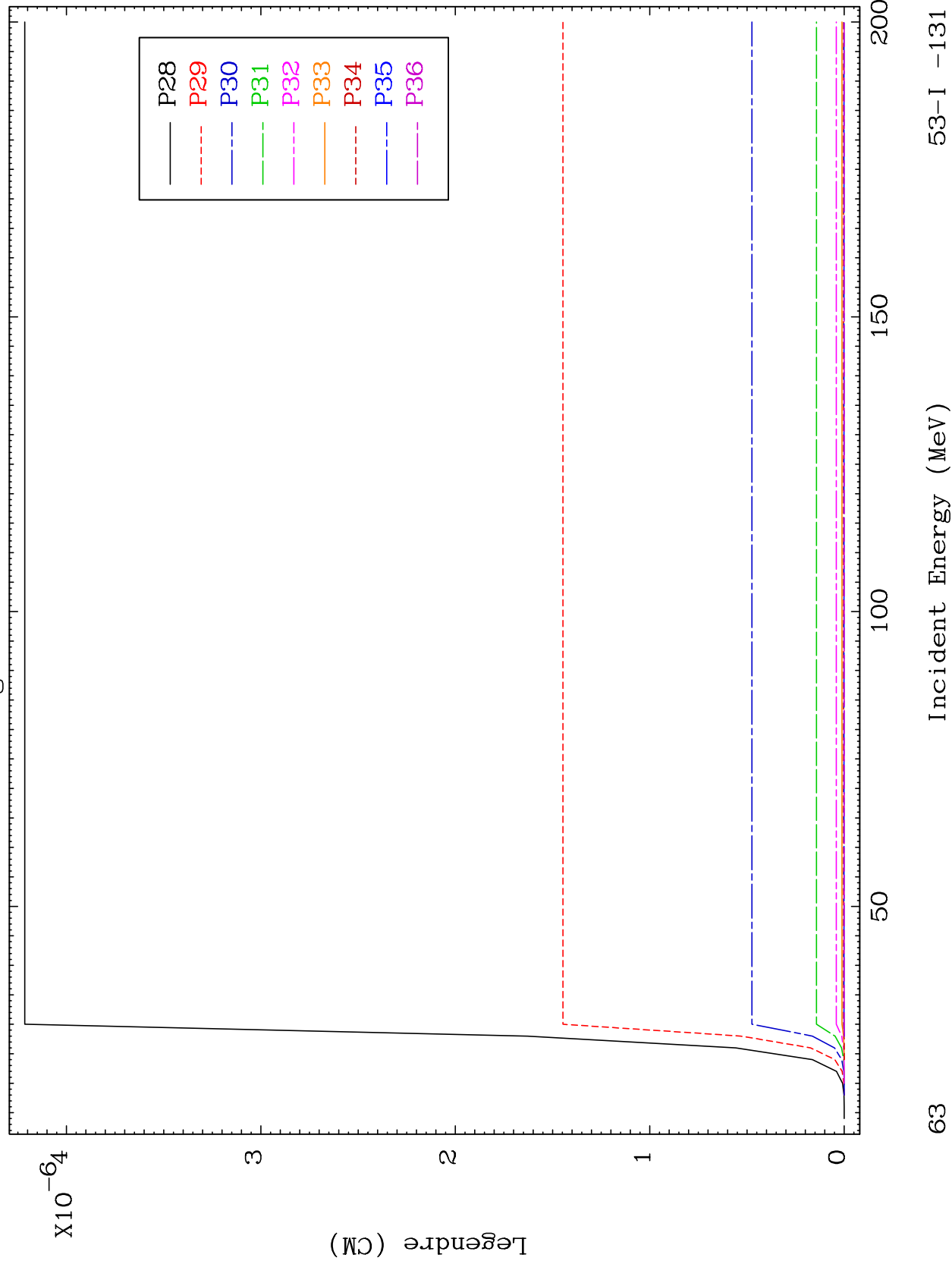
53-I -131



MAT 5337

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

53-I -131



63

Incident Energy (MeV)

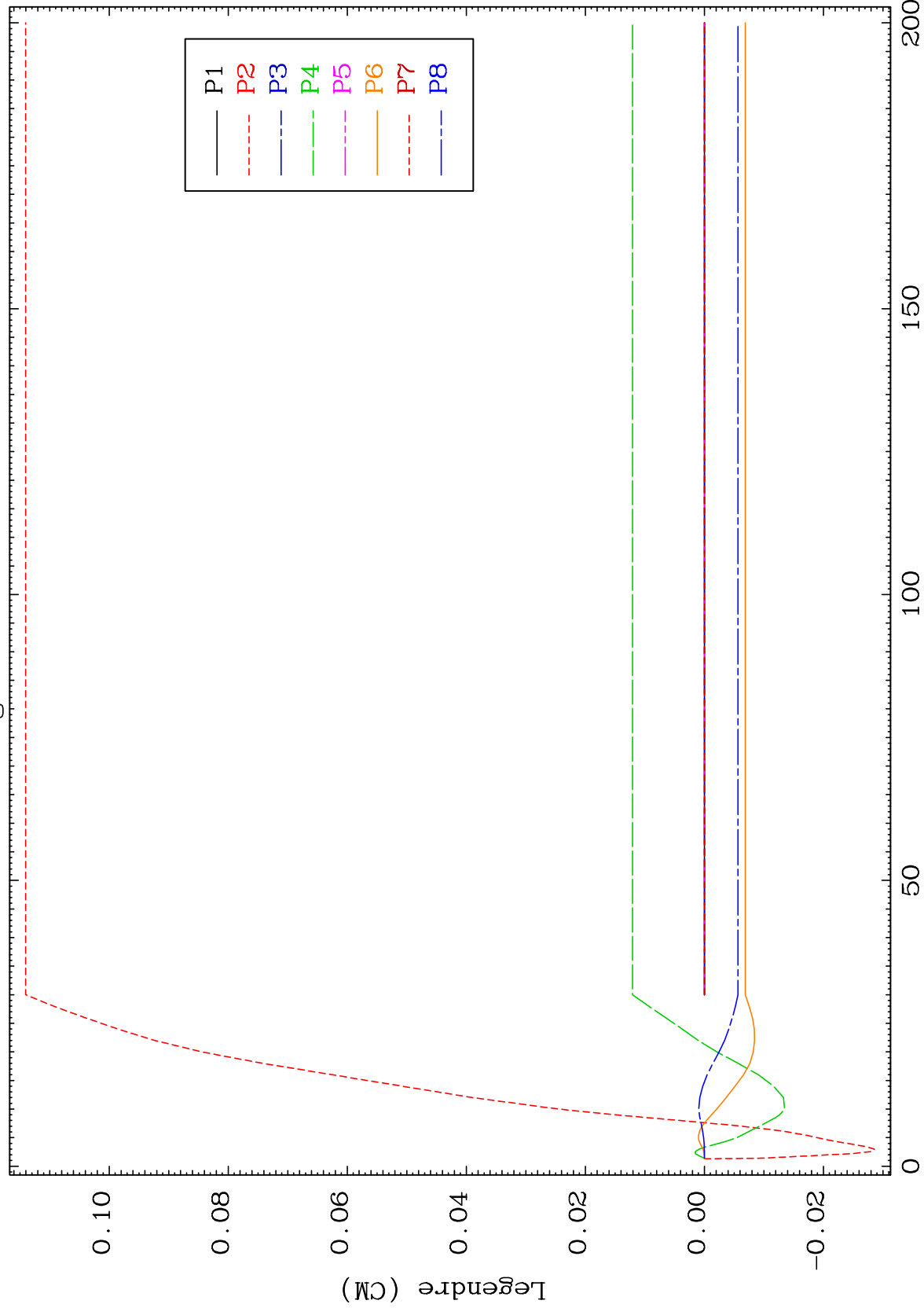
53-I -131



MAT 5337

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

53-I -131



53-I -131

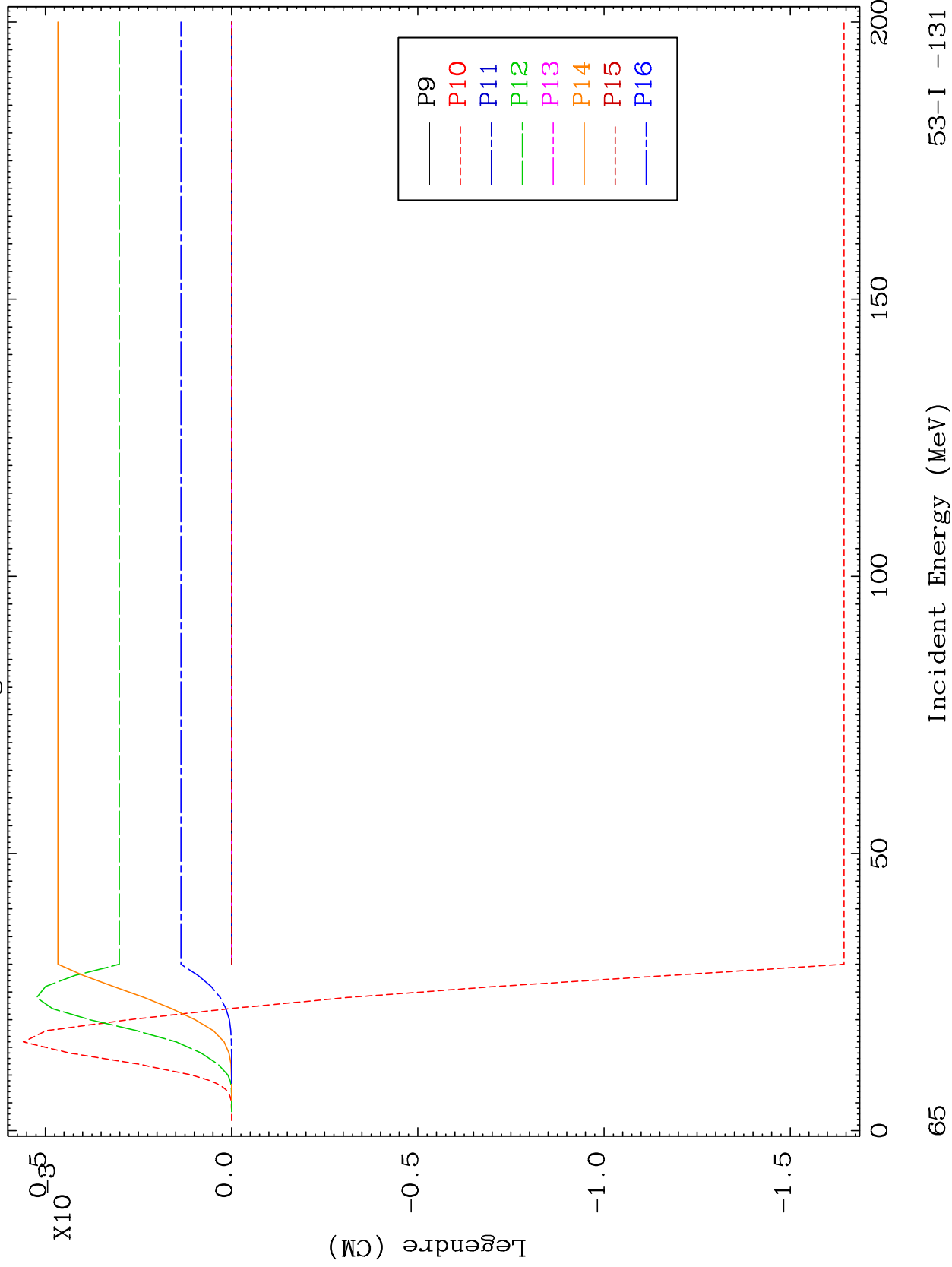
Incident Energy (MeV)

64

MAT 5337

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

53-I -131



53-I -131

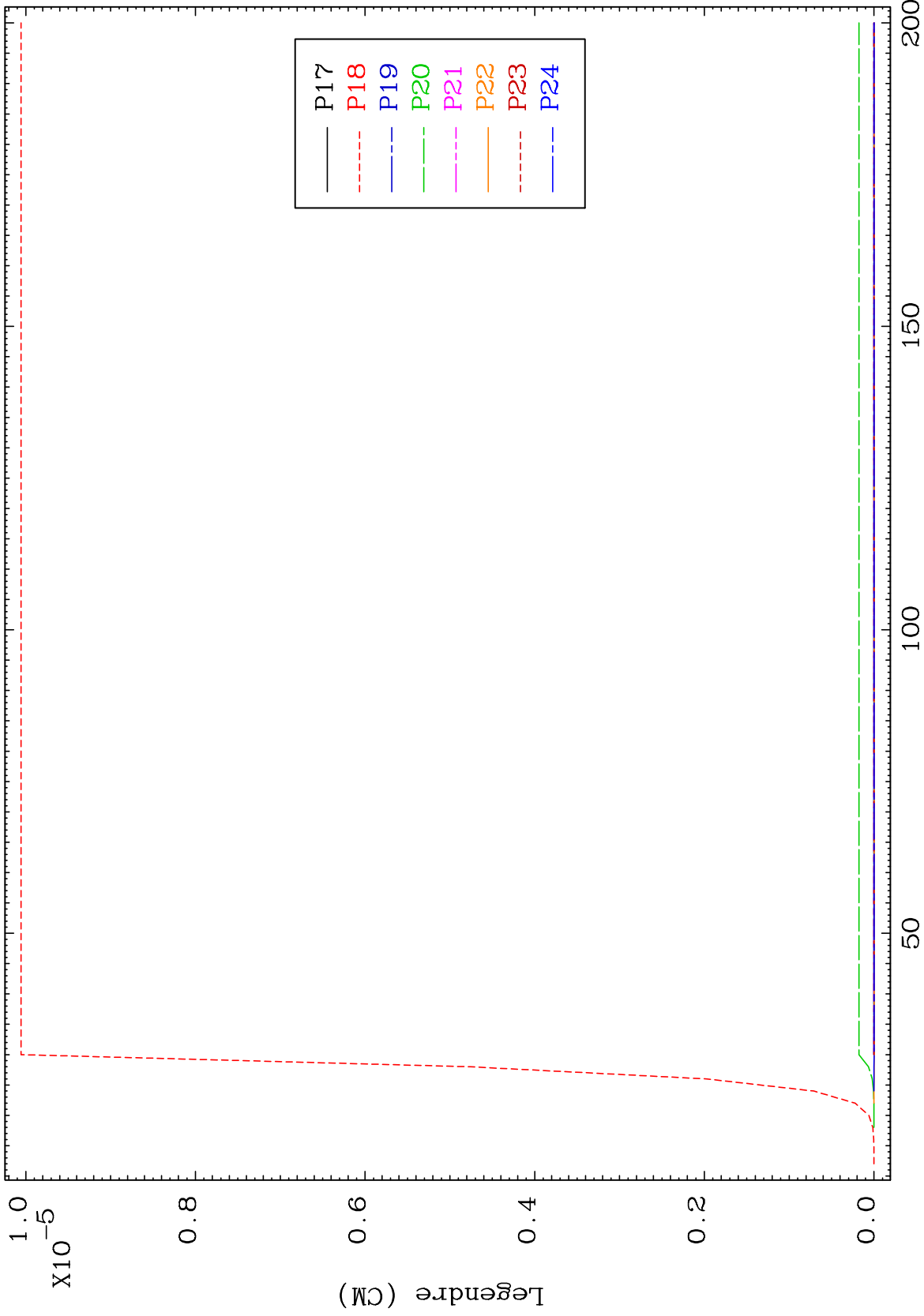
Incident Energy (MeV)

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MAT 5337

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

53-I -131



66

Incident Energy (MeV)

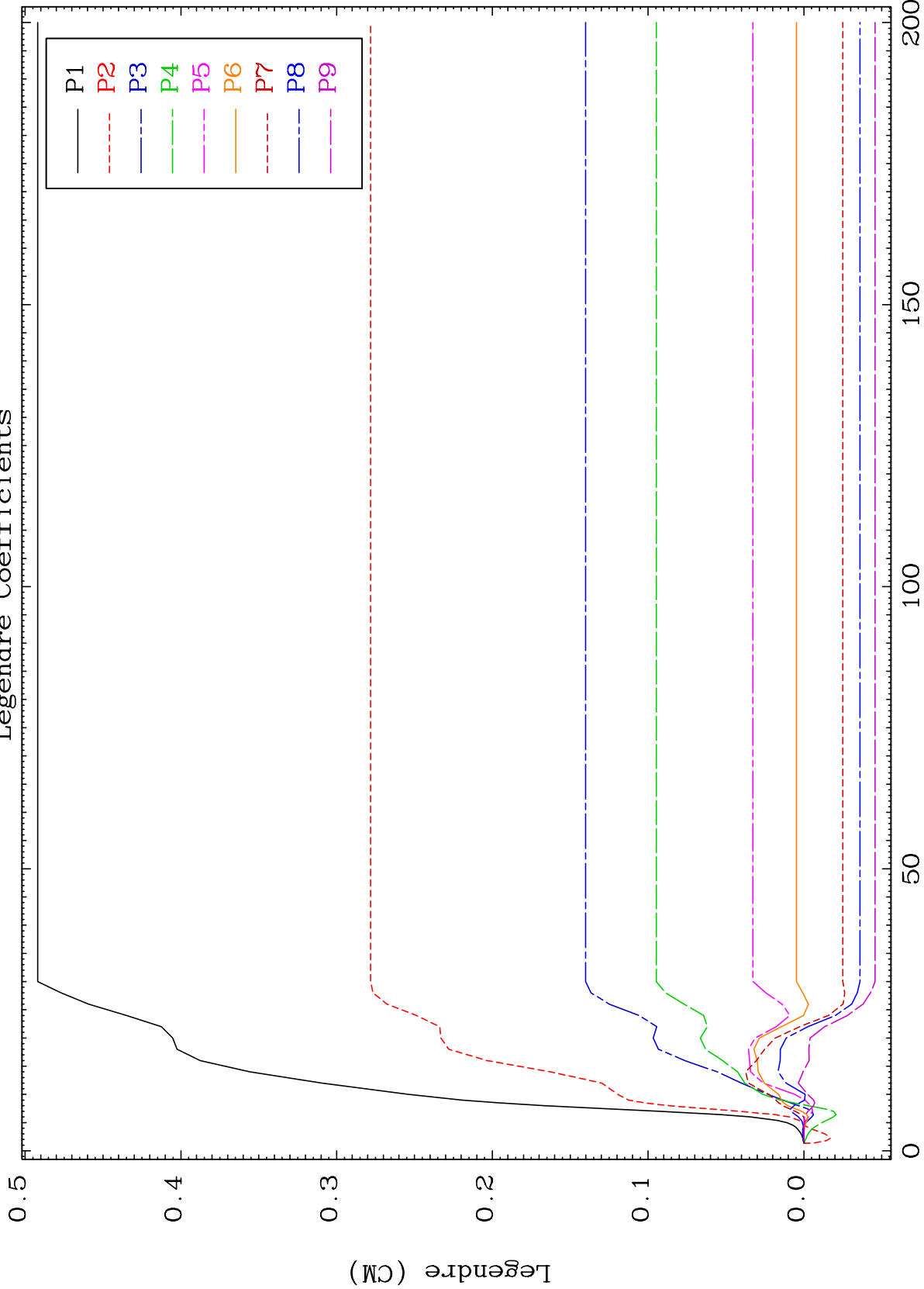
53-I -131

MAT 5337

MT= 63 (n,n') Level

53-I -131

Legendre Coefficients



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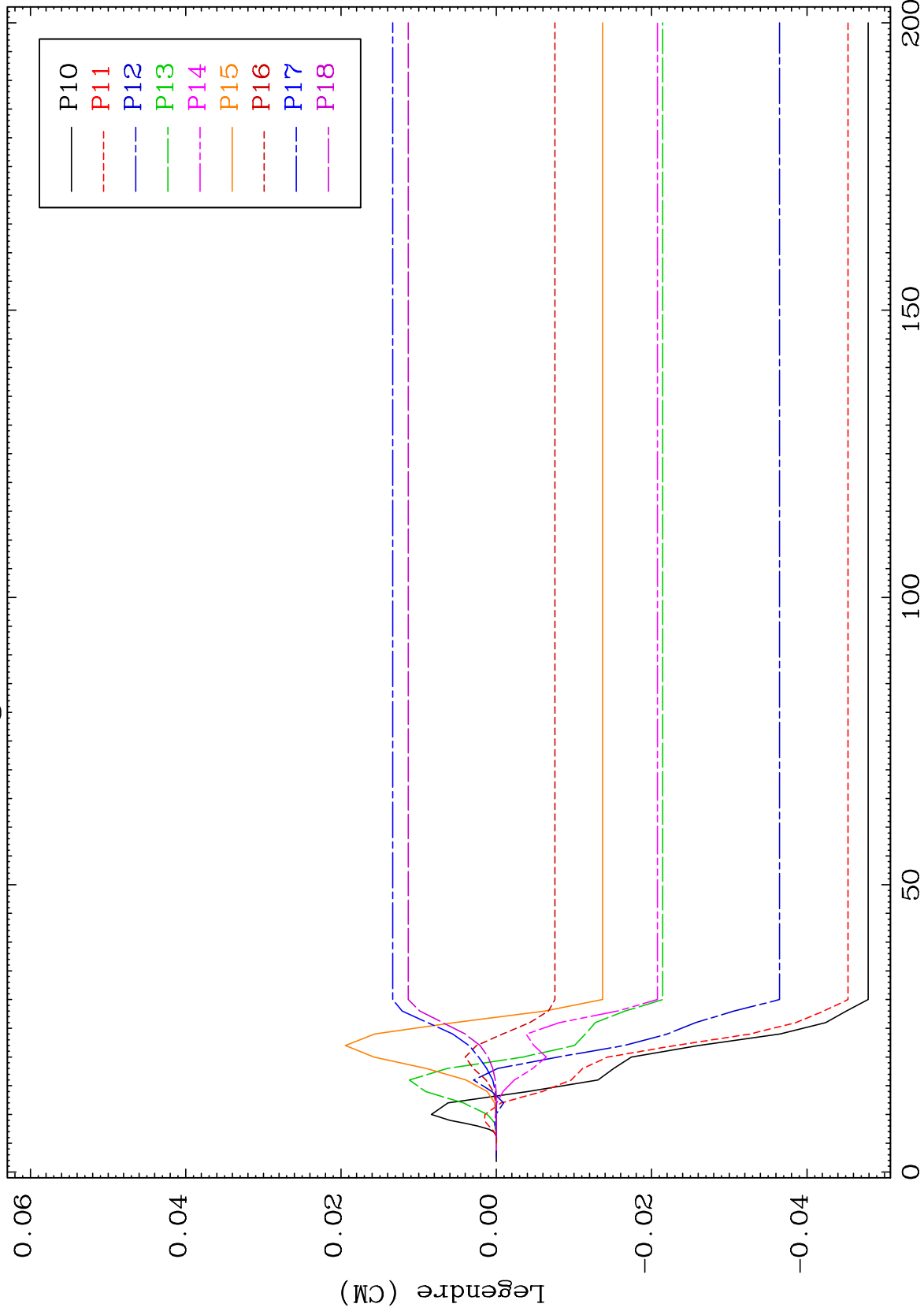
Incident Energy (MeV)

53-I -131

MAT 5337

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

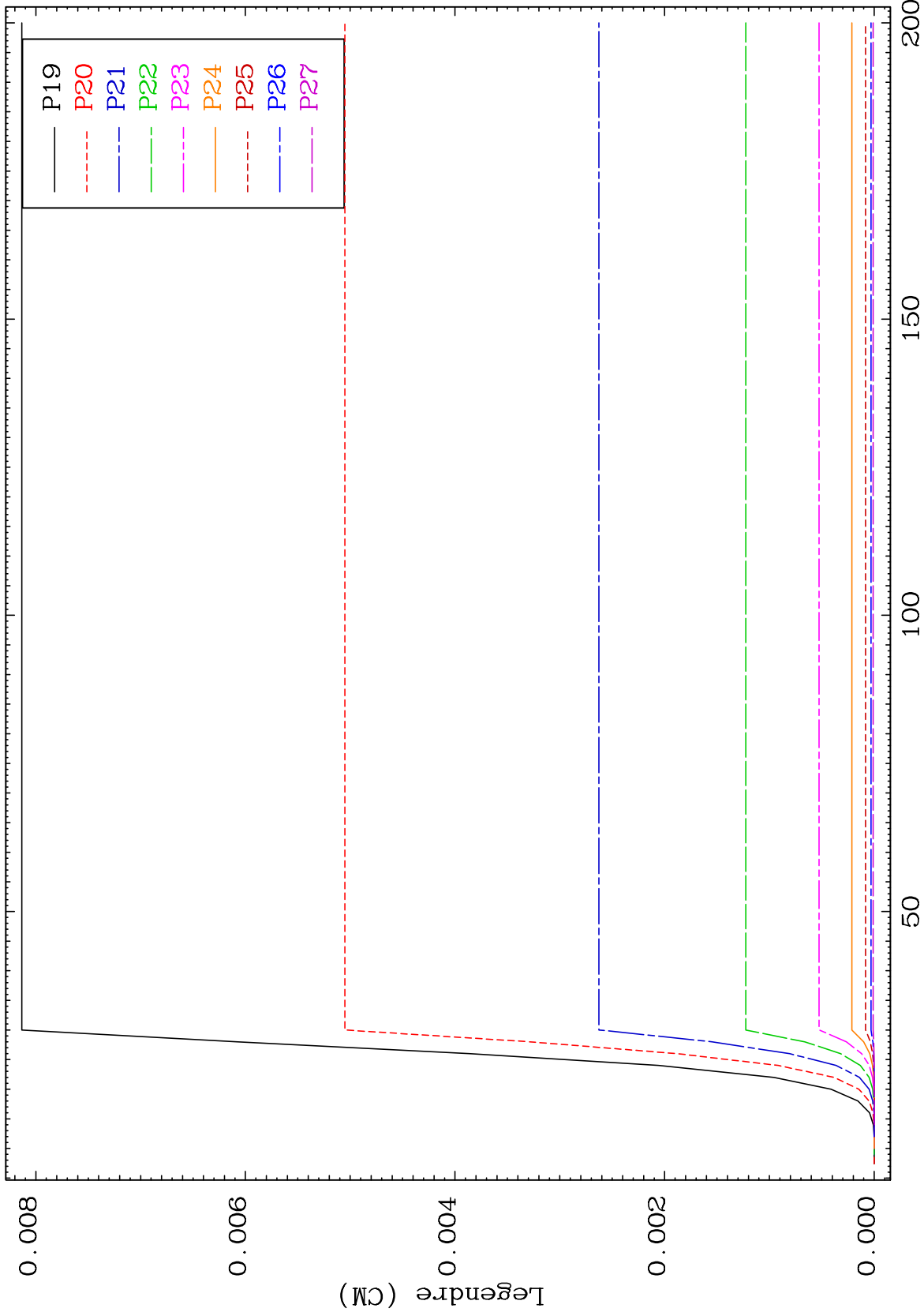
53-I -131



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Incident Energy (MeV)

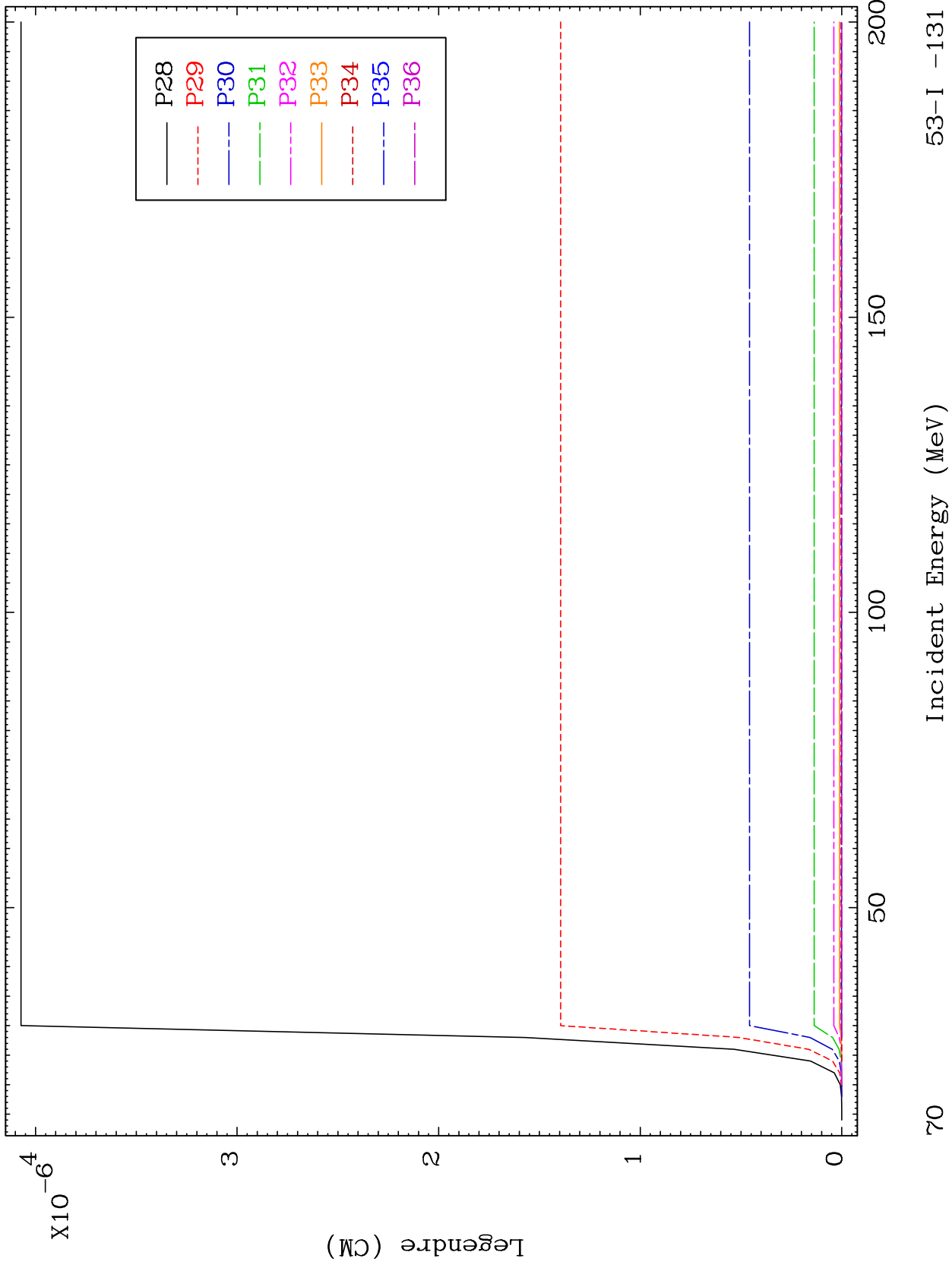
53-I -131



MAT 5337

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

53-I -131

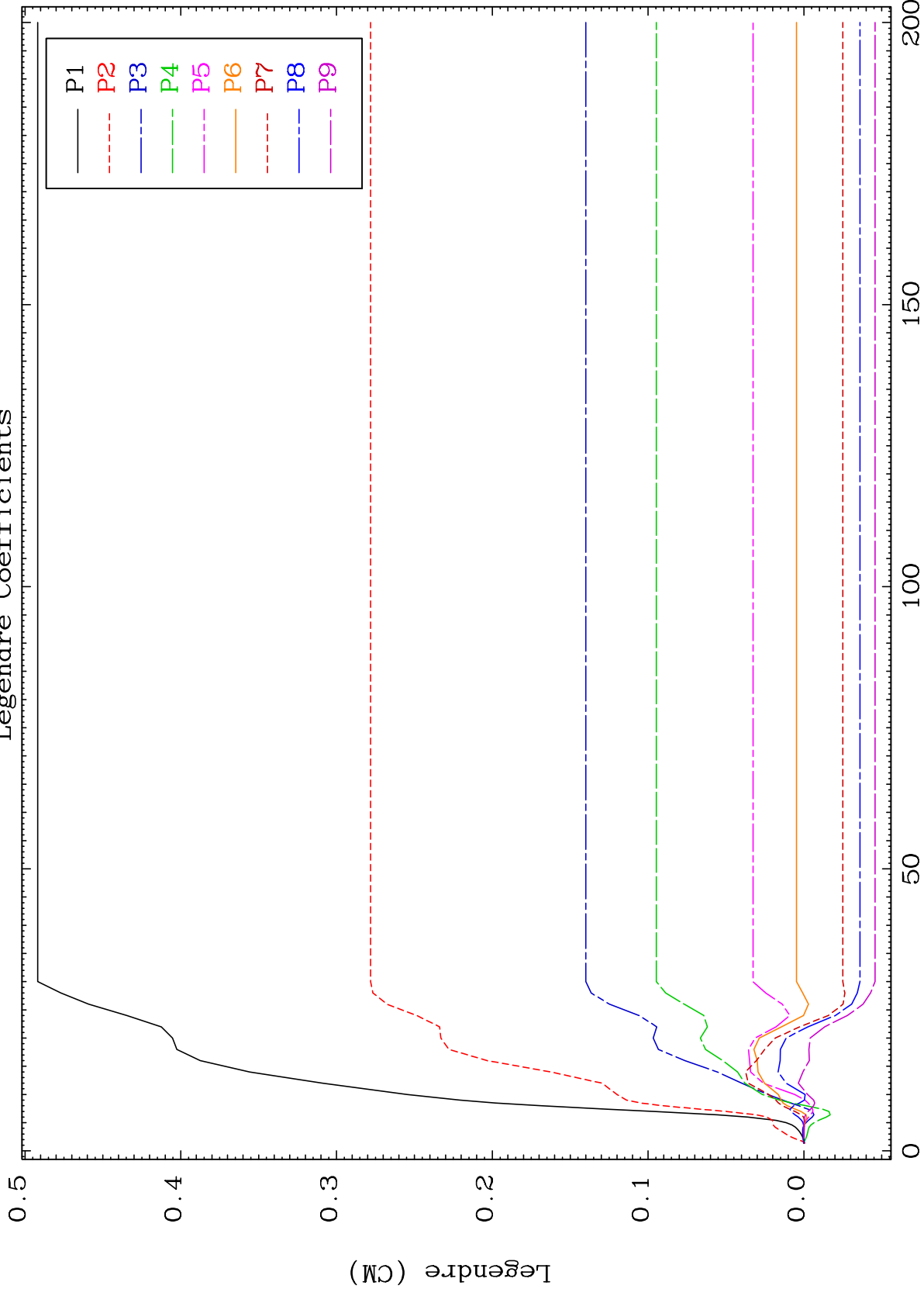


MAT 5337

MT= 64 (n,n') Level

53-I -131

Legendre Coefficients



71

Incident Energy (MeV)

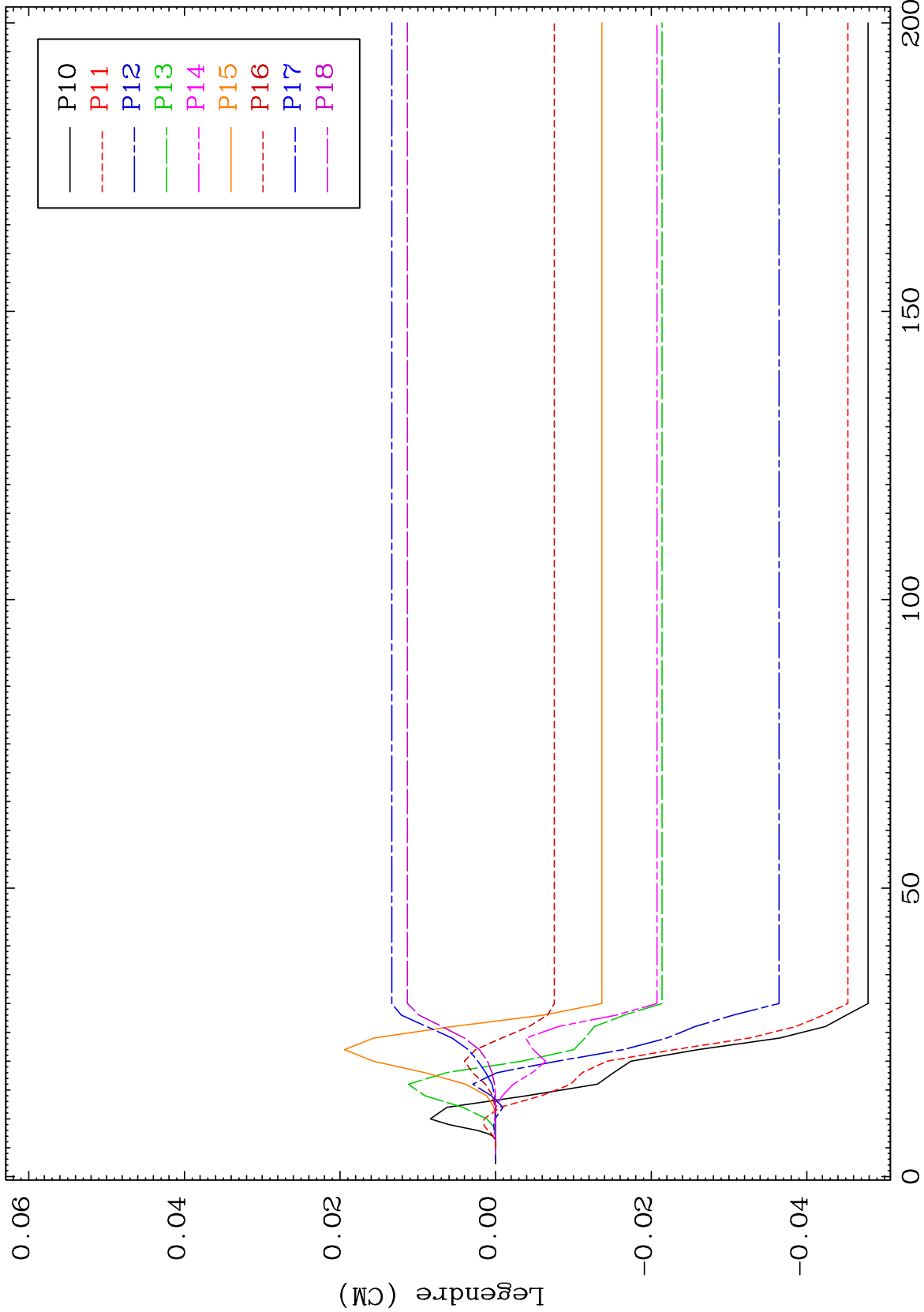
53-I -131



MAT 5337

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

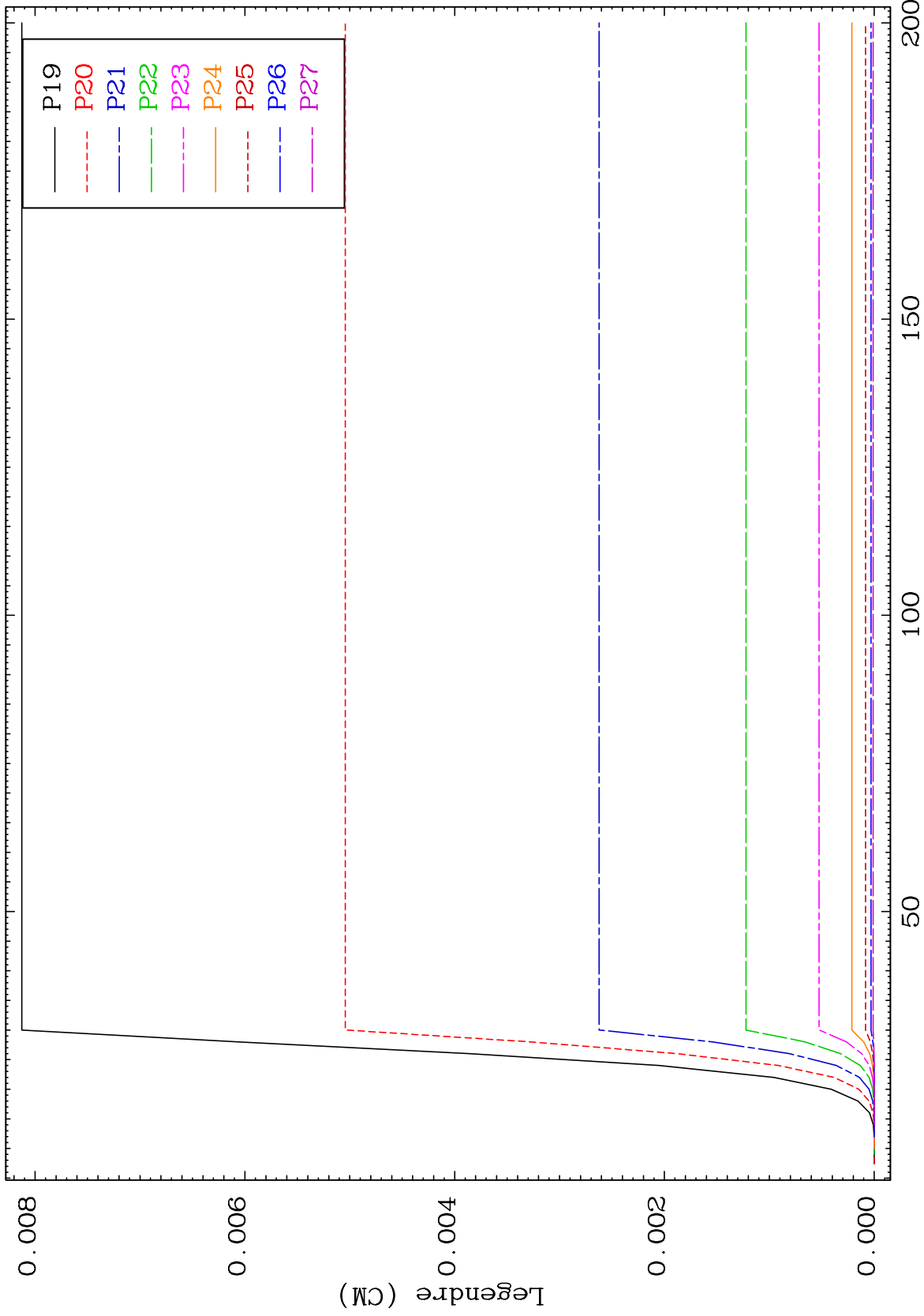
53-I -131

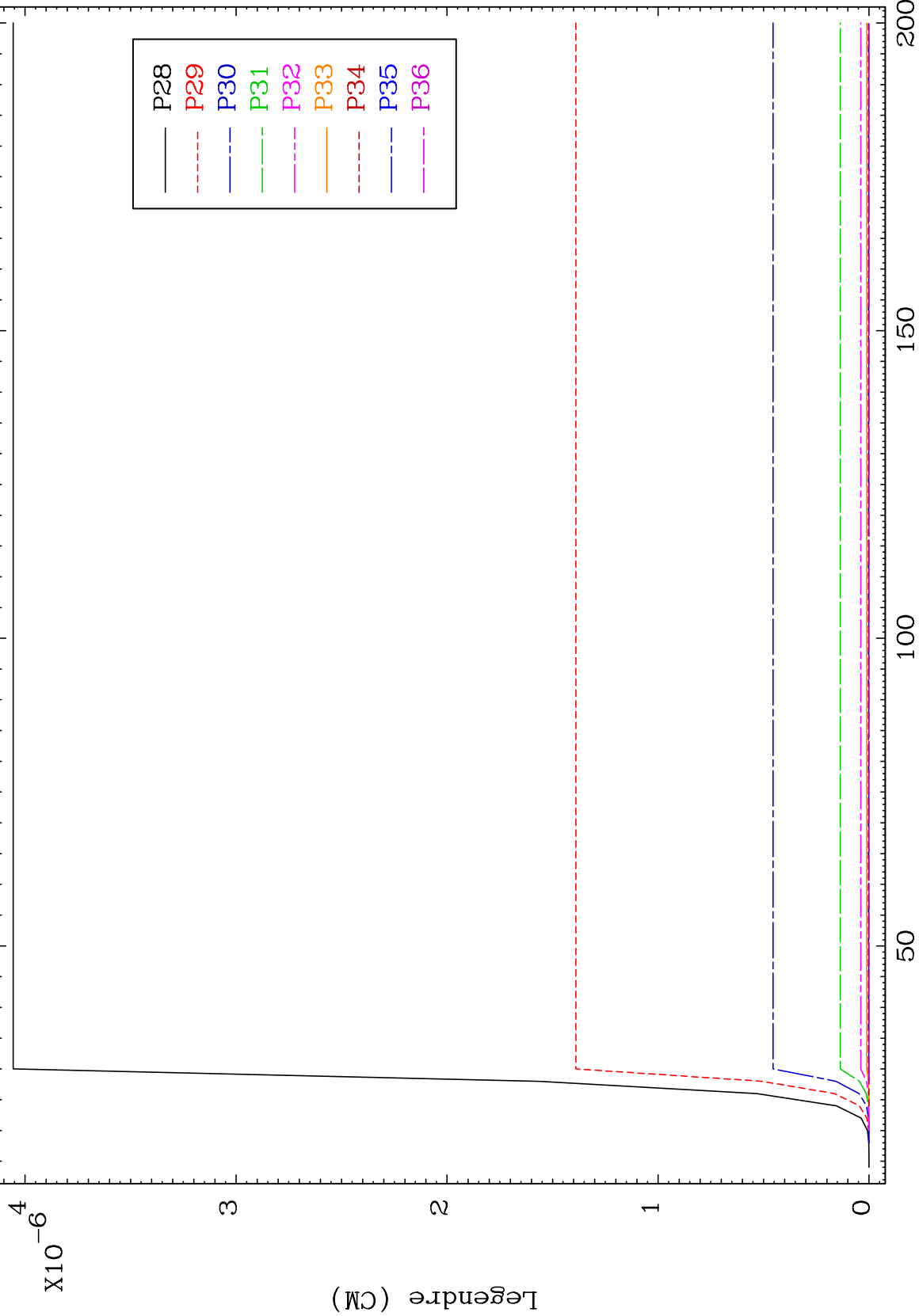


72

Incident Energy (MeV)

53-I -131

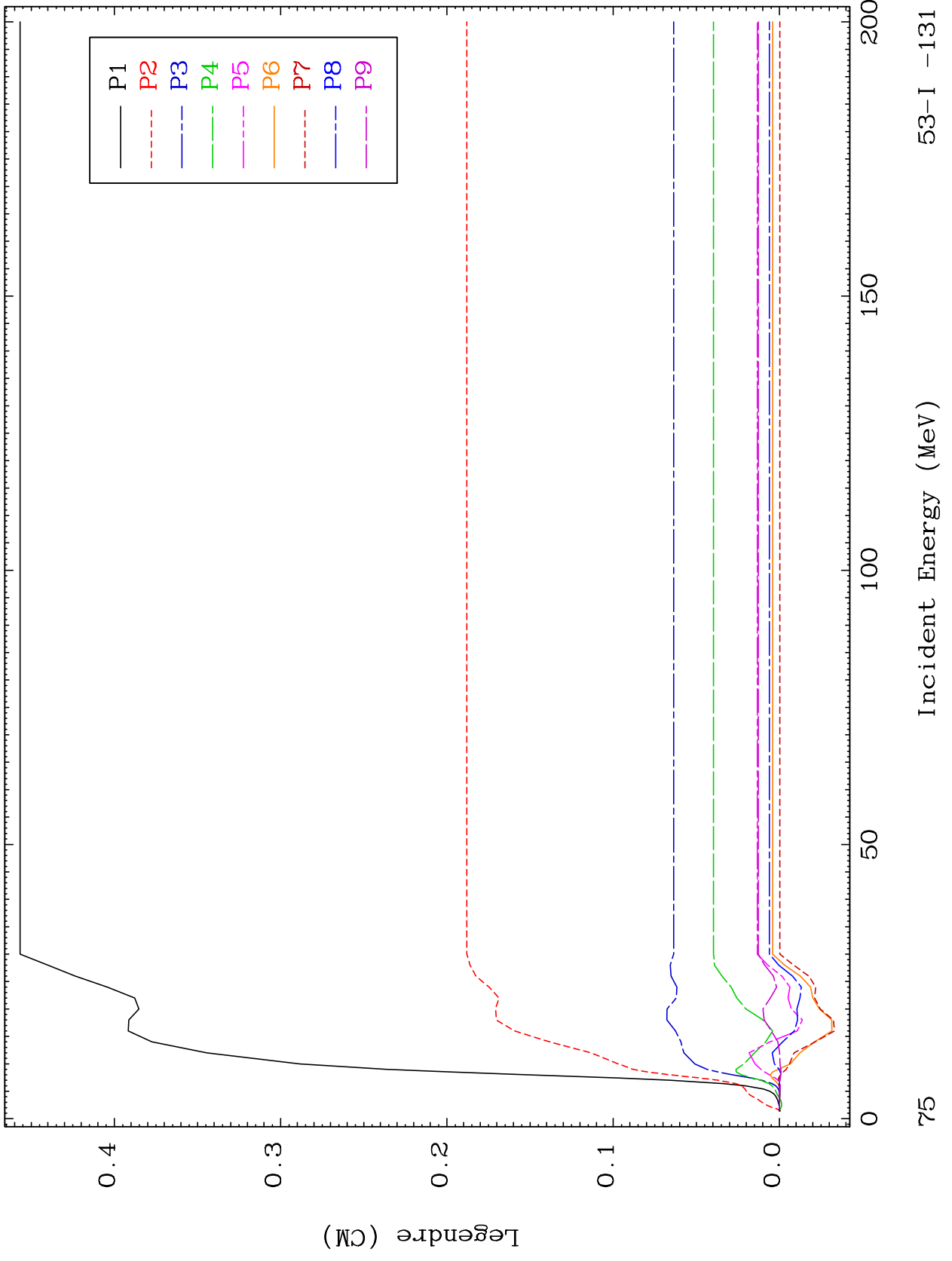




MAT 5337

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

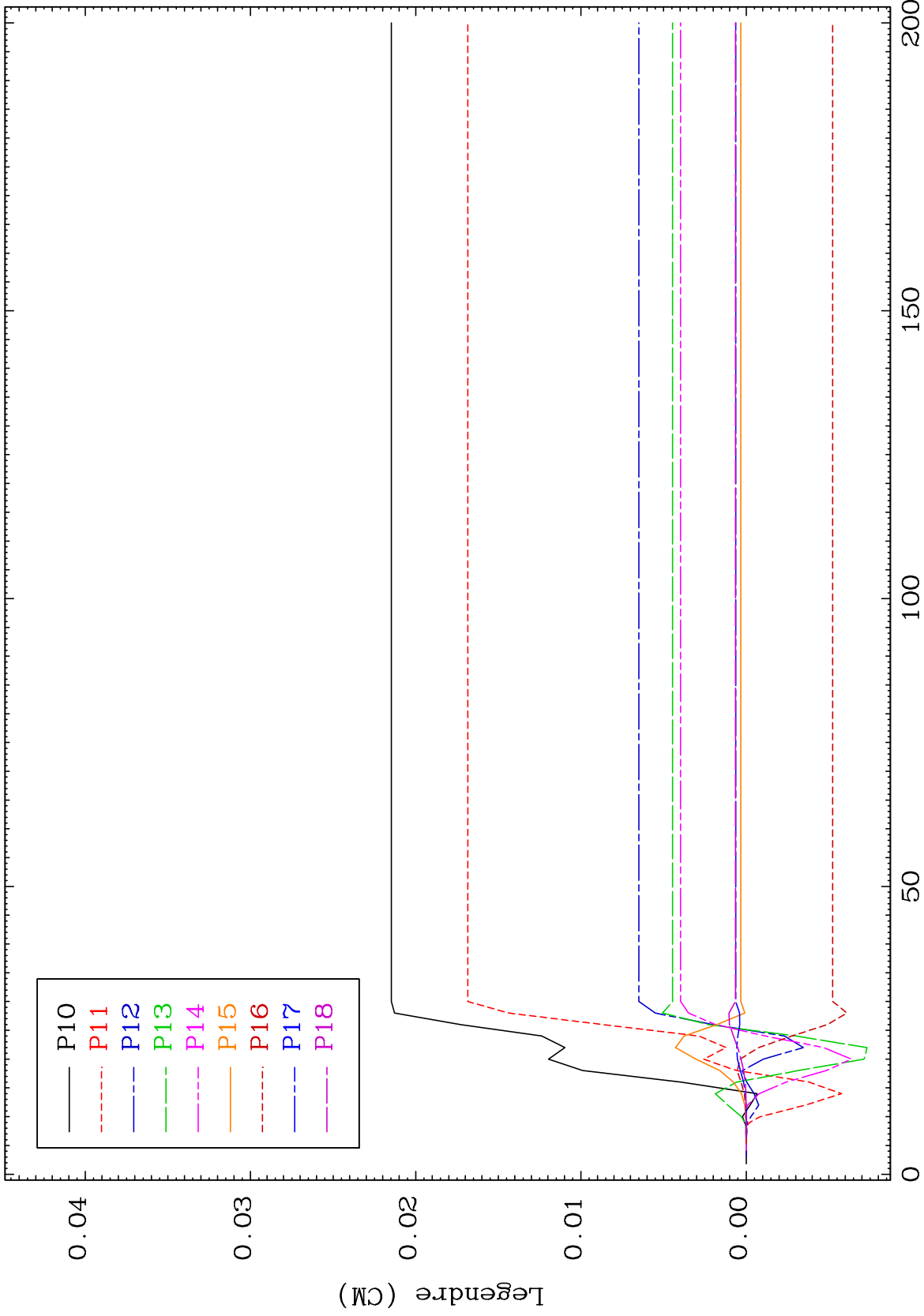
53-I -131

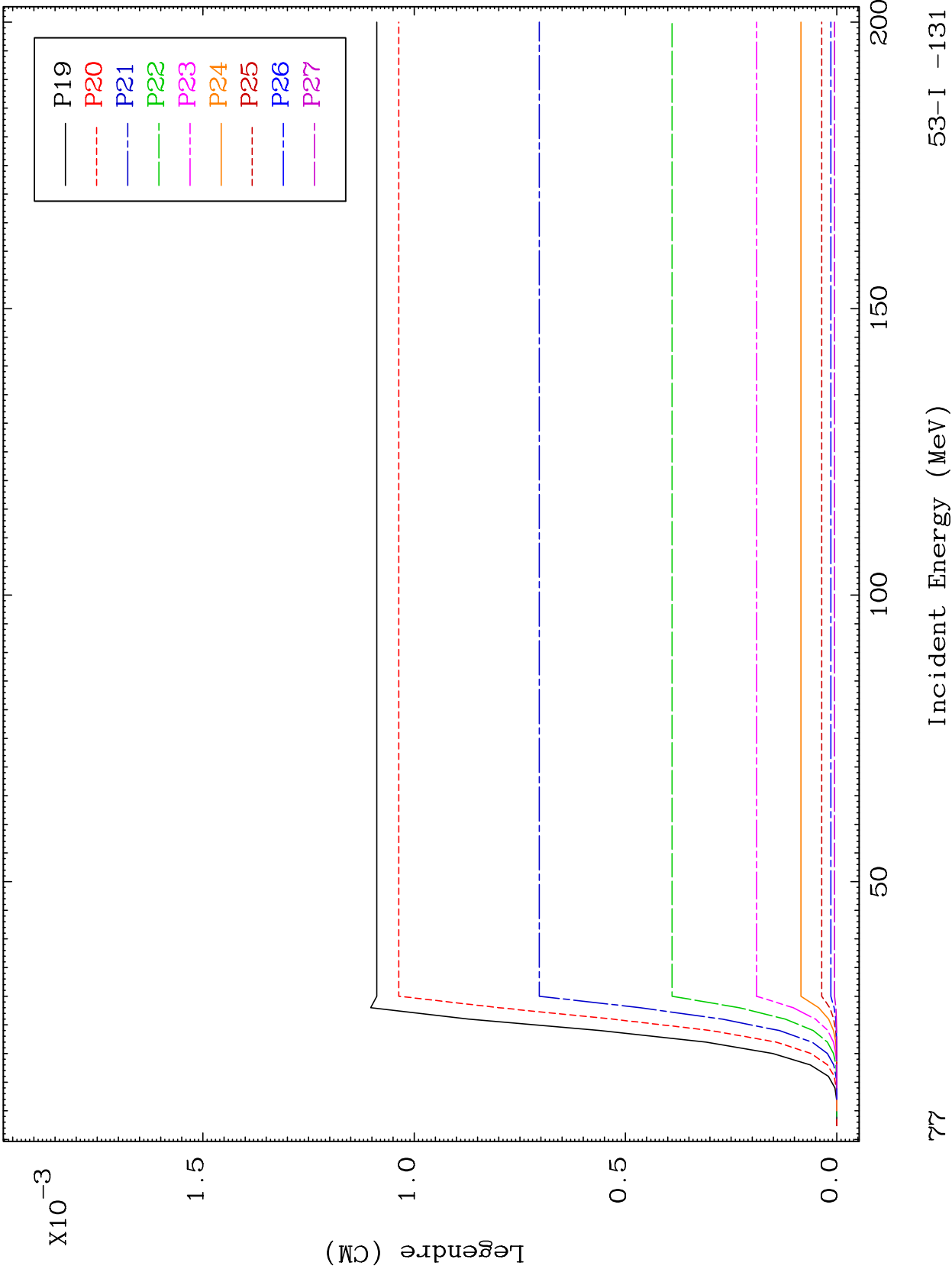


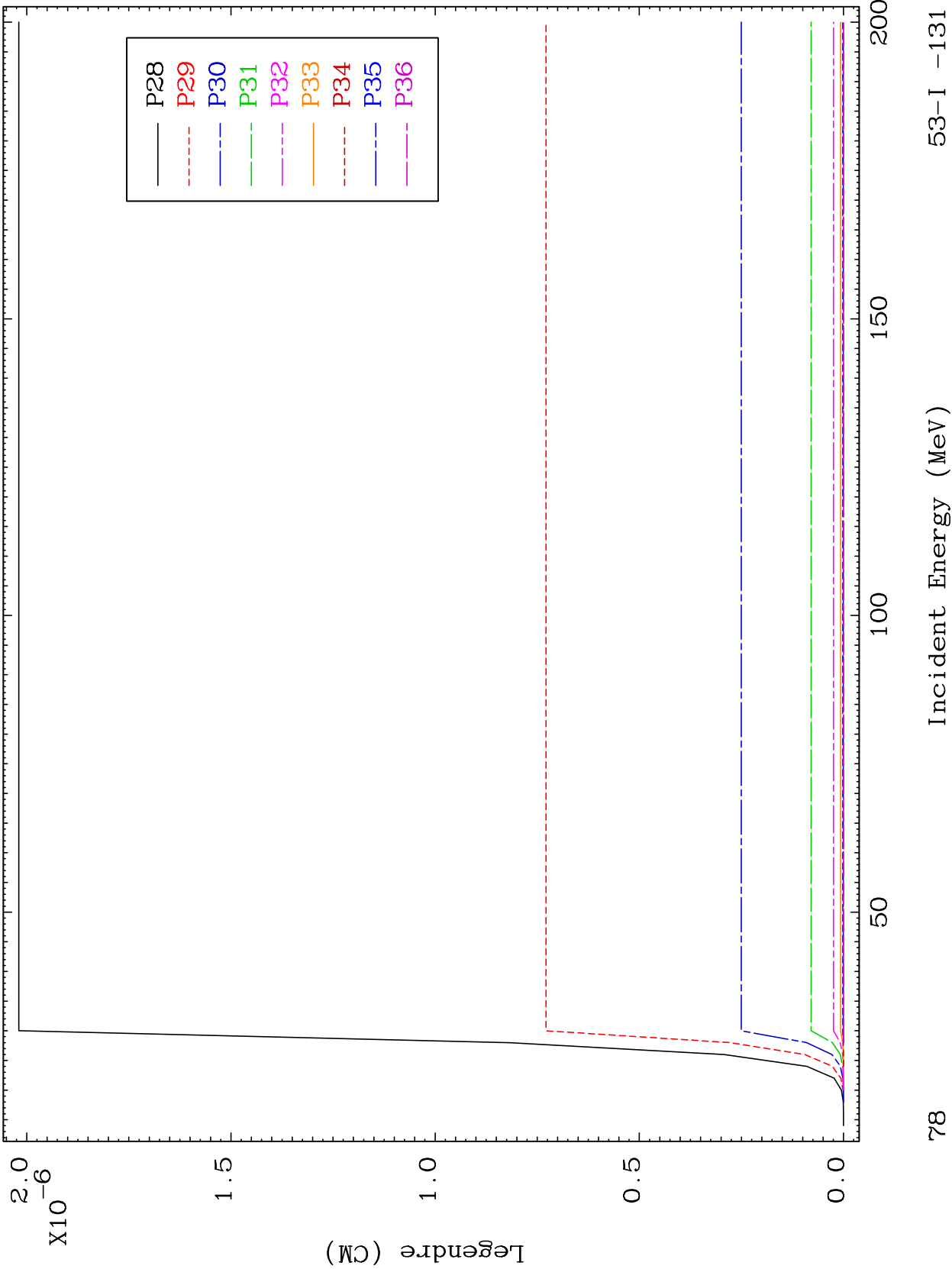
53-I -131

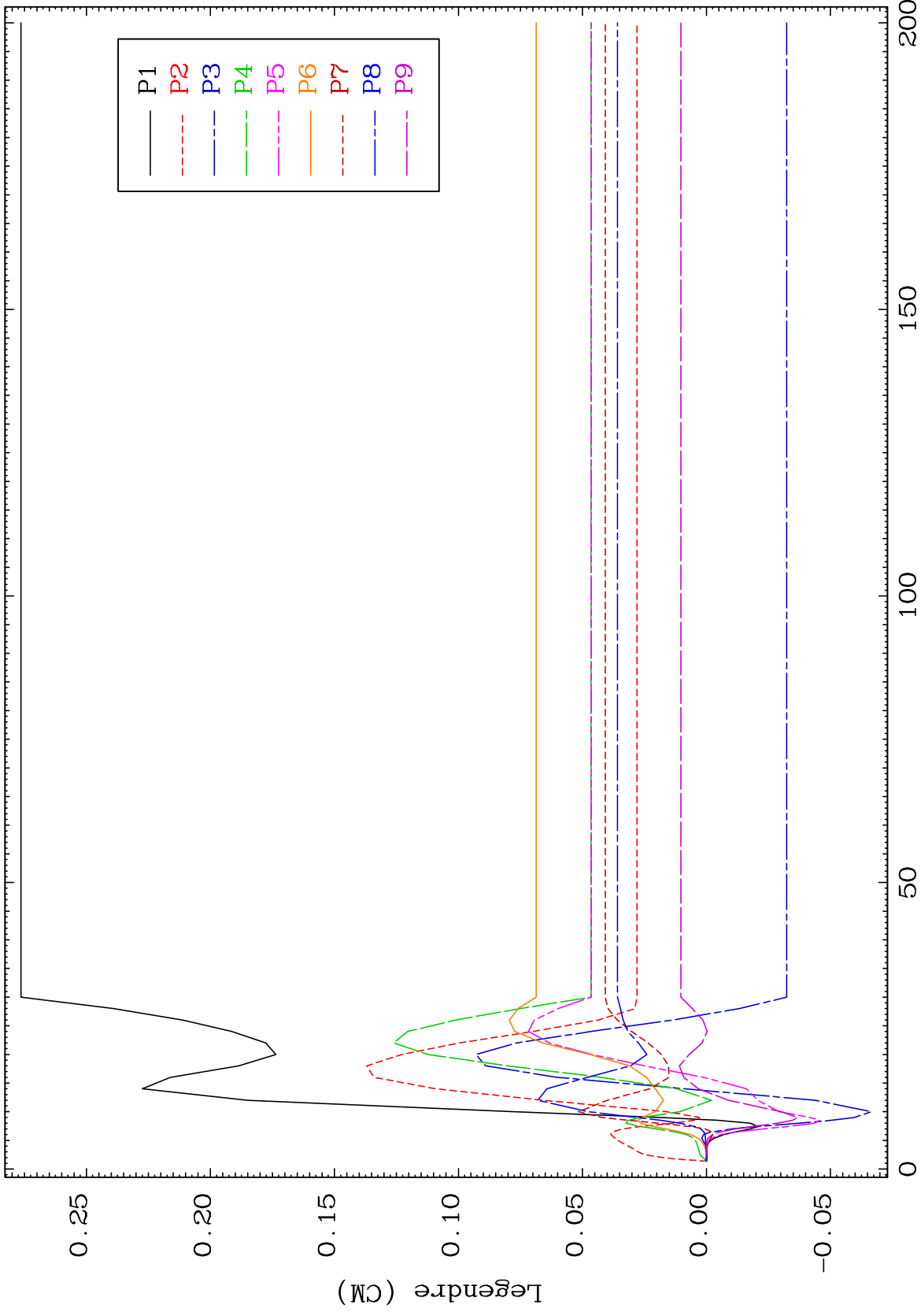
Incident Energy (MeV)

75







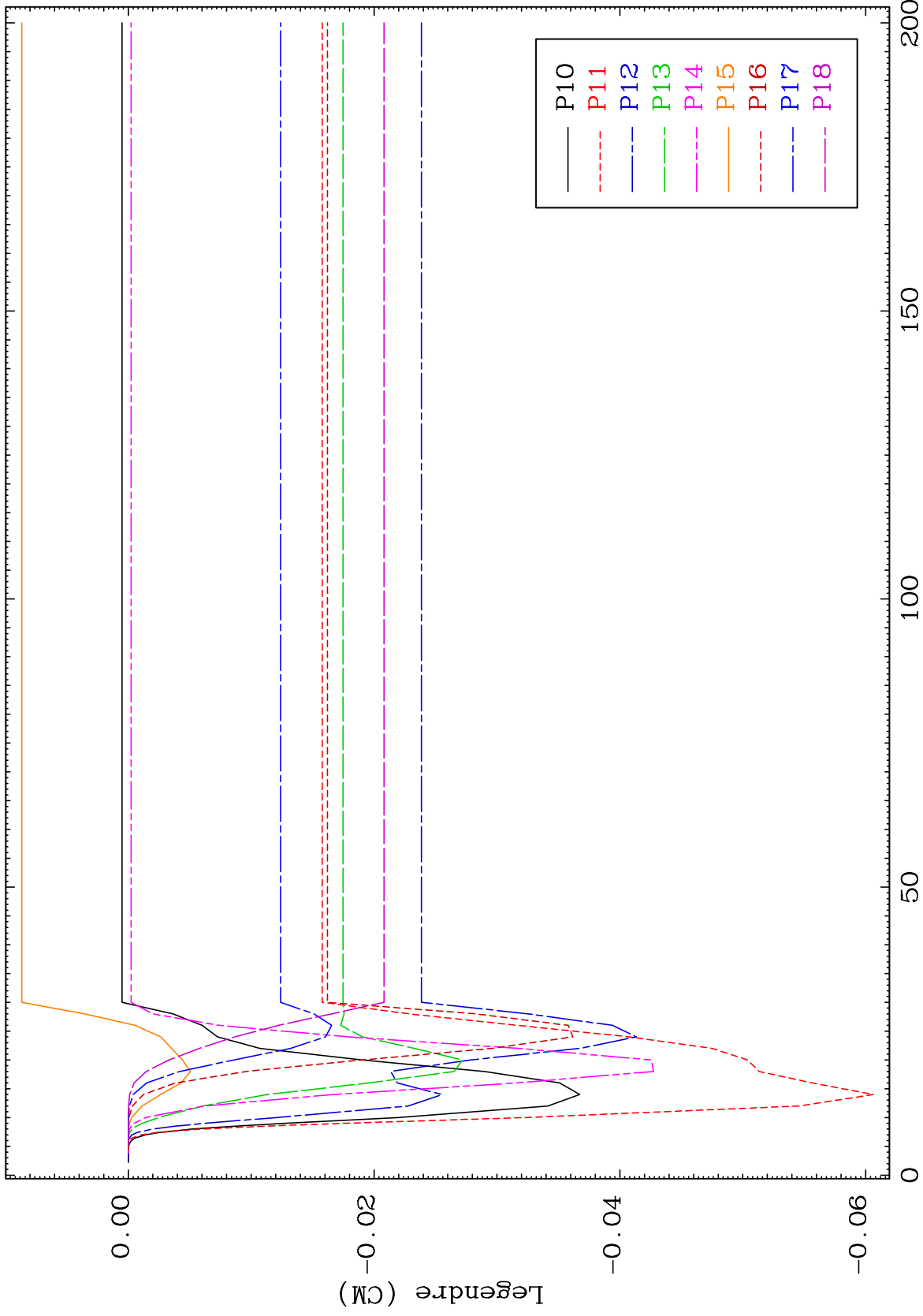




MAT 5337

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

53-I -131



80

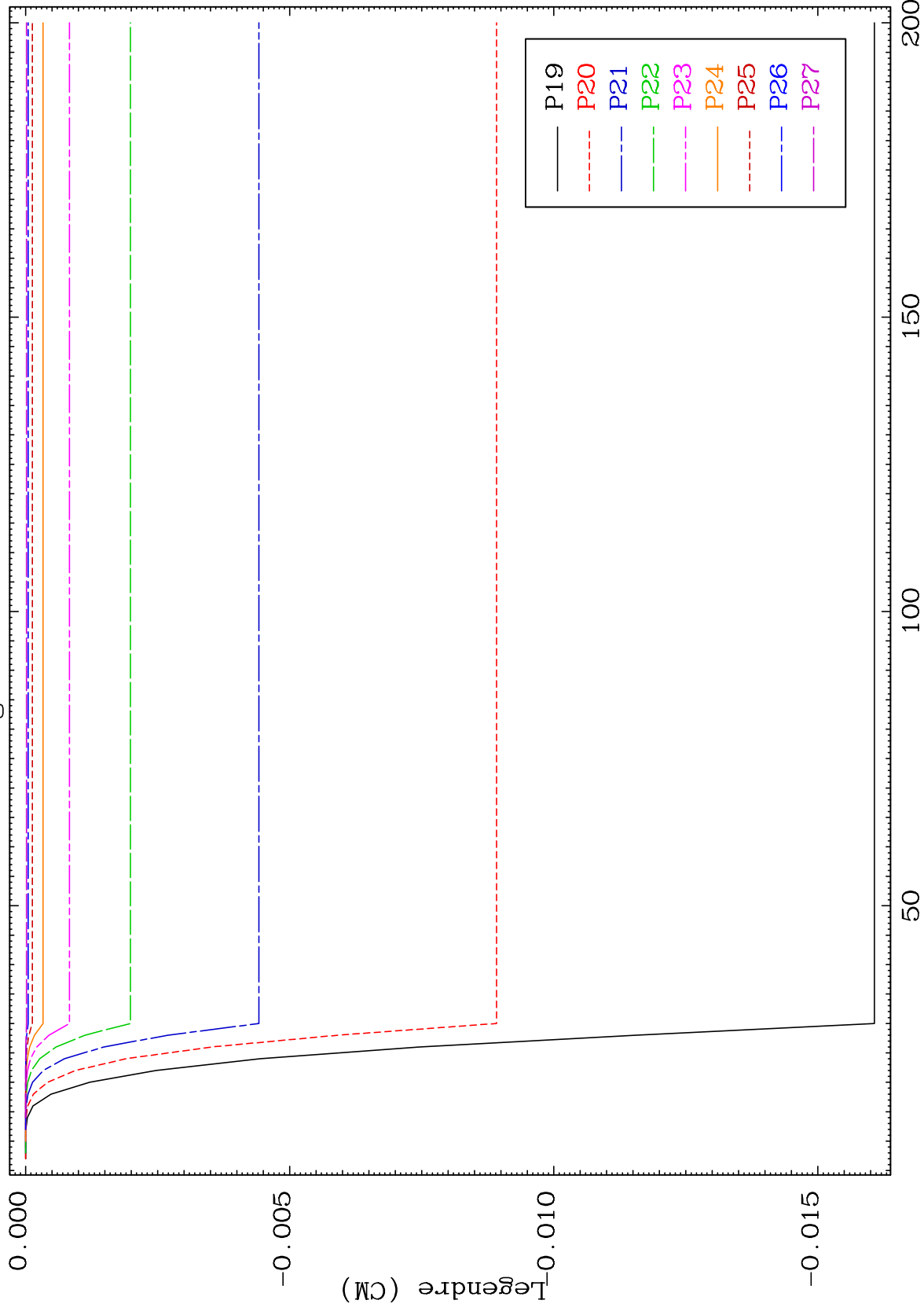
Incident Energy (MeV)

53-I -131

MAT 5337

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

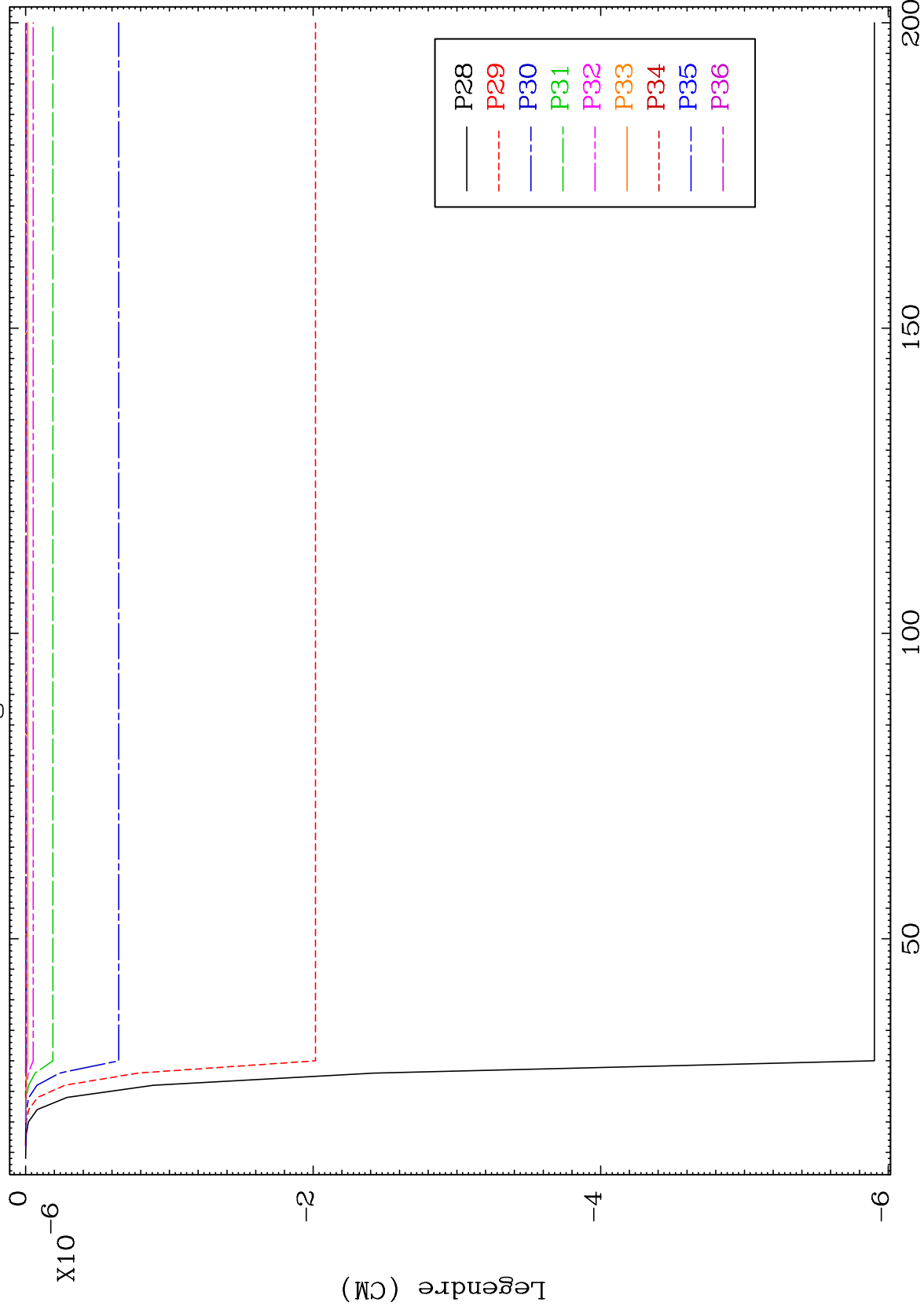
53-I -131



MAT 5337

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

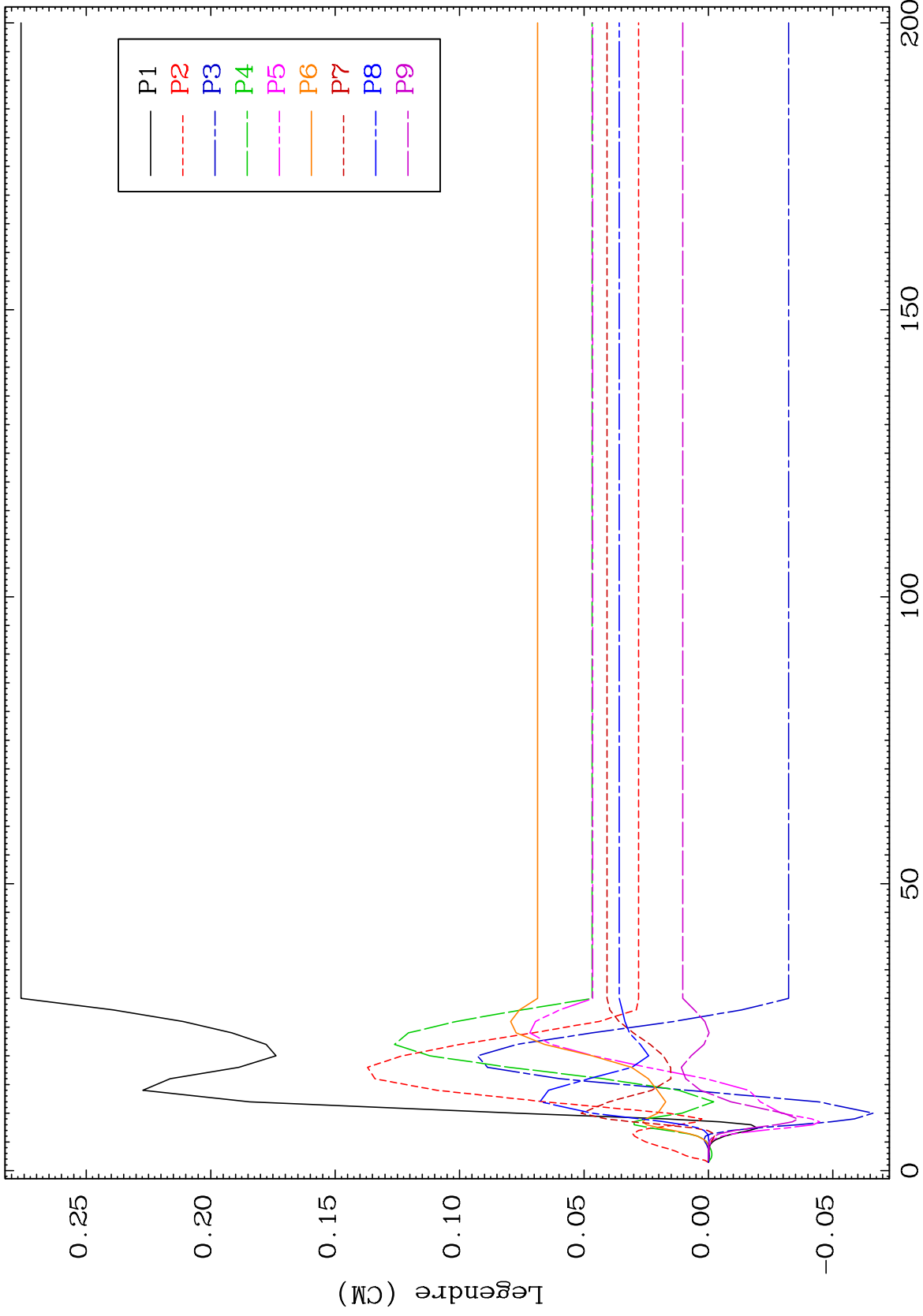
53-I -131

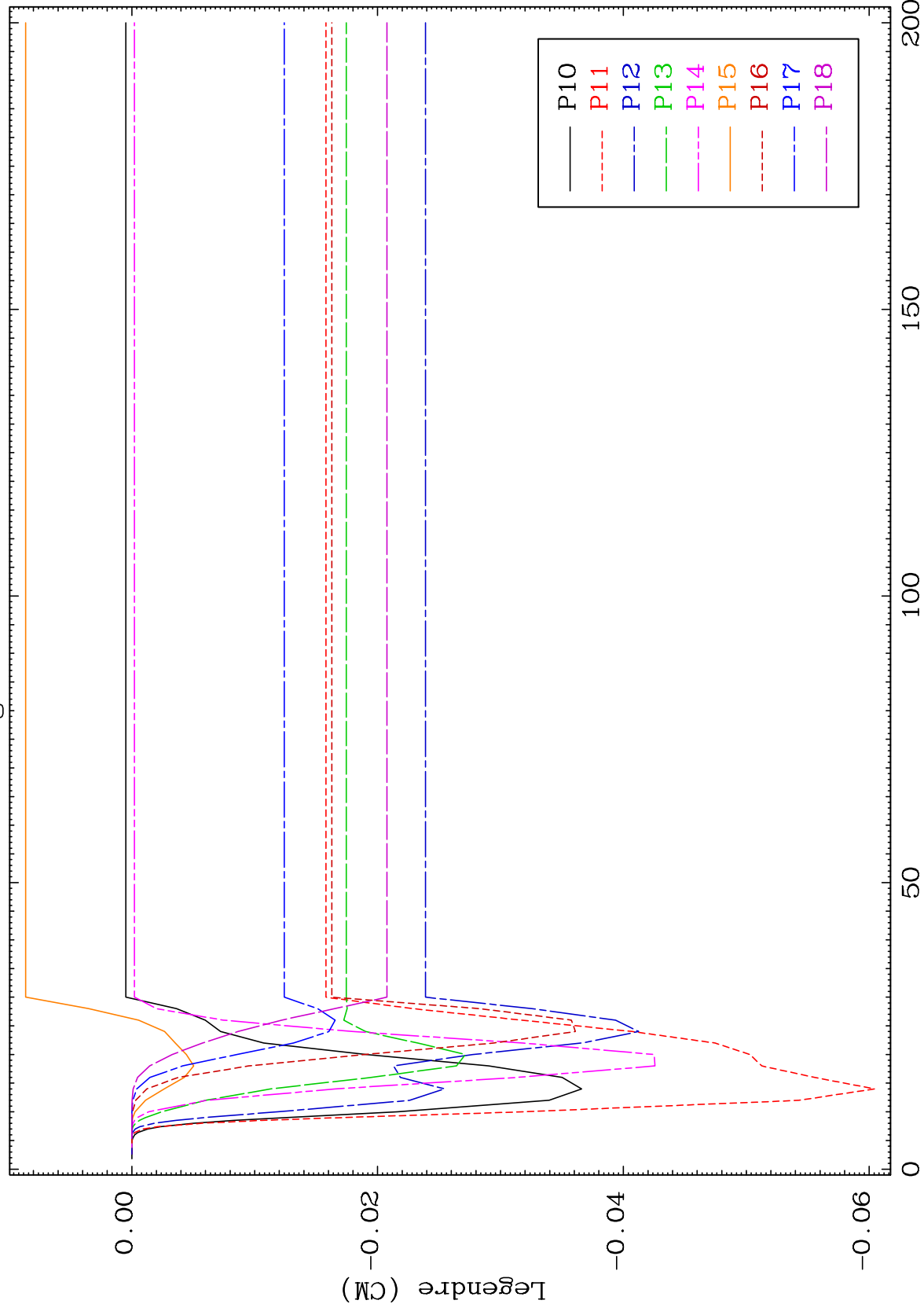


82

Incident Energy (MeV)

53-I -131

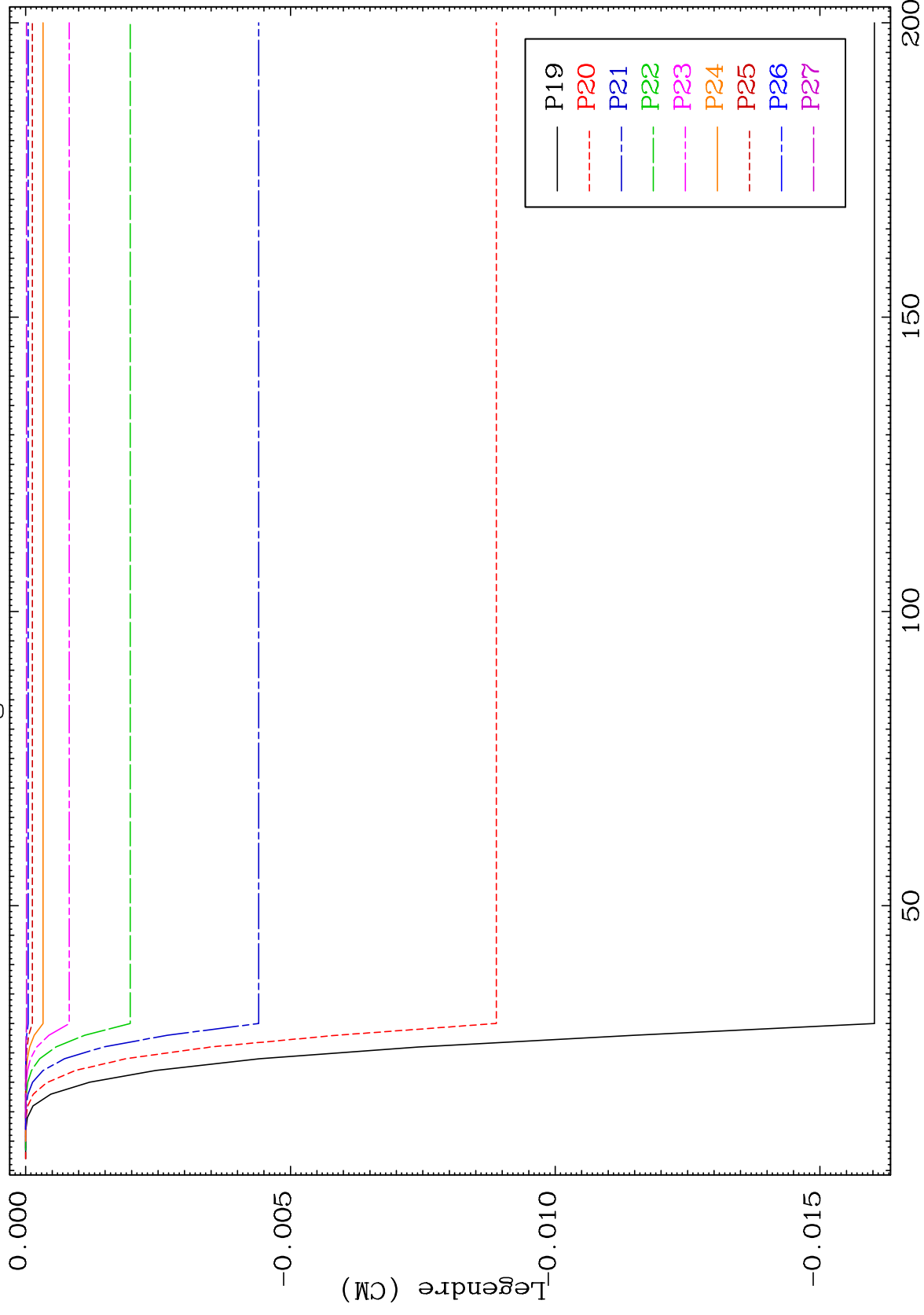




MAT 5337

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

53-I -131



85

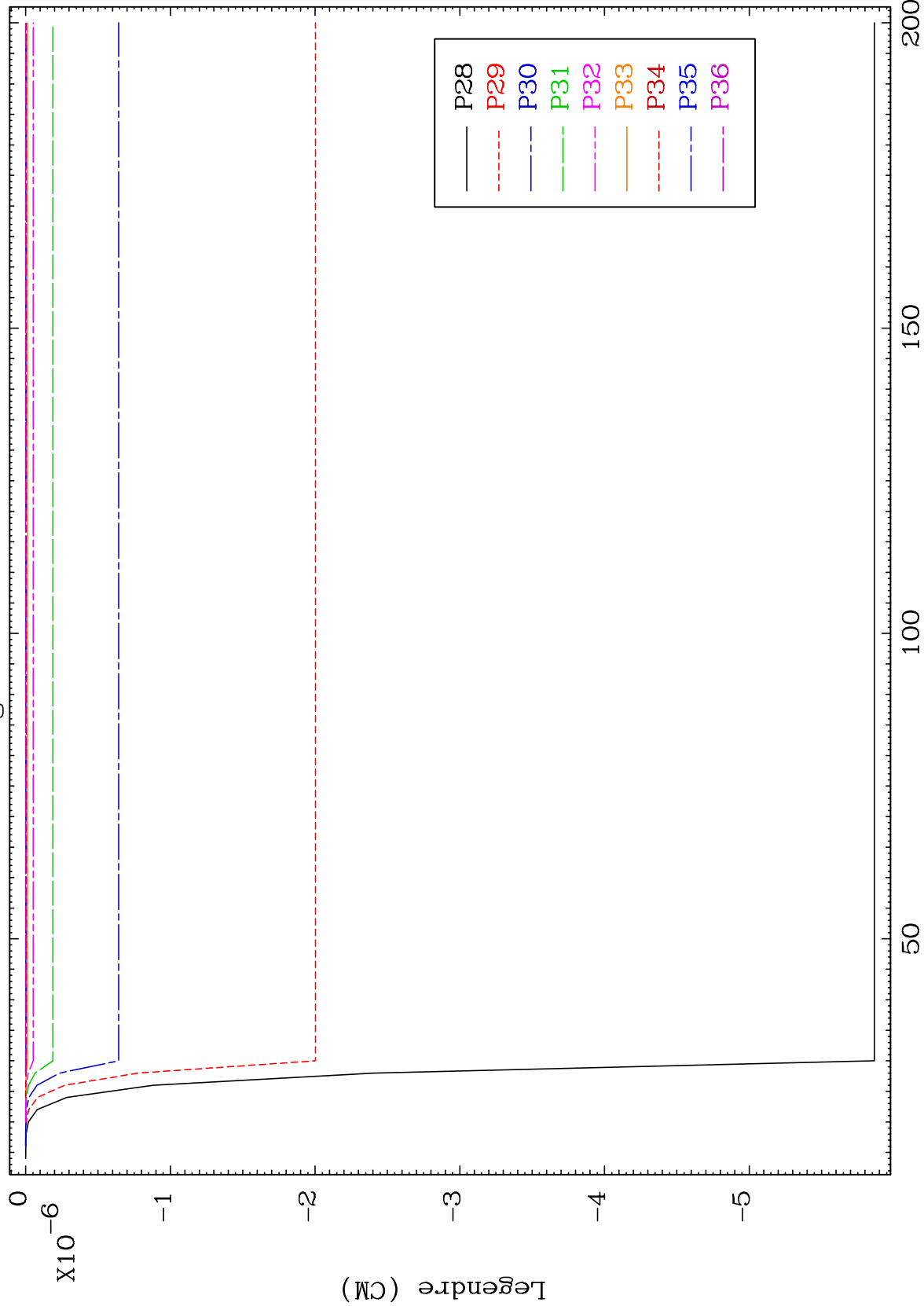
Incident Energy (MeV)

53-I -131

MAT 5337

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

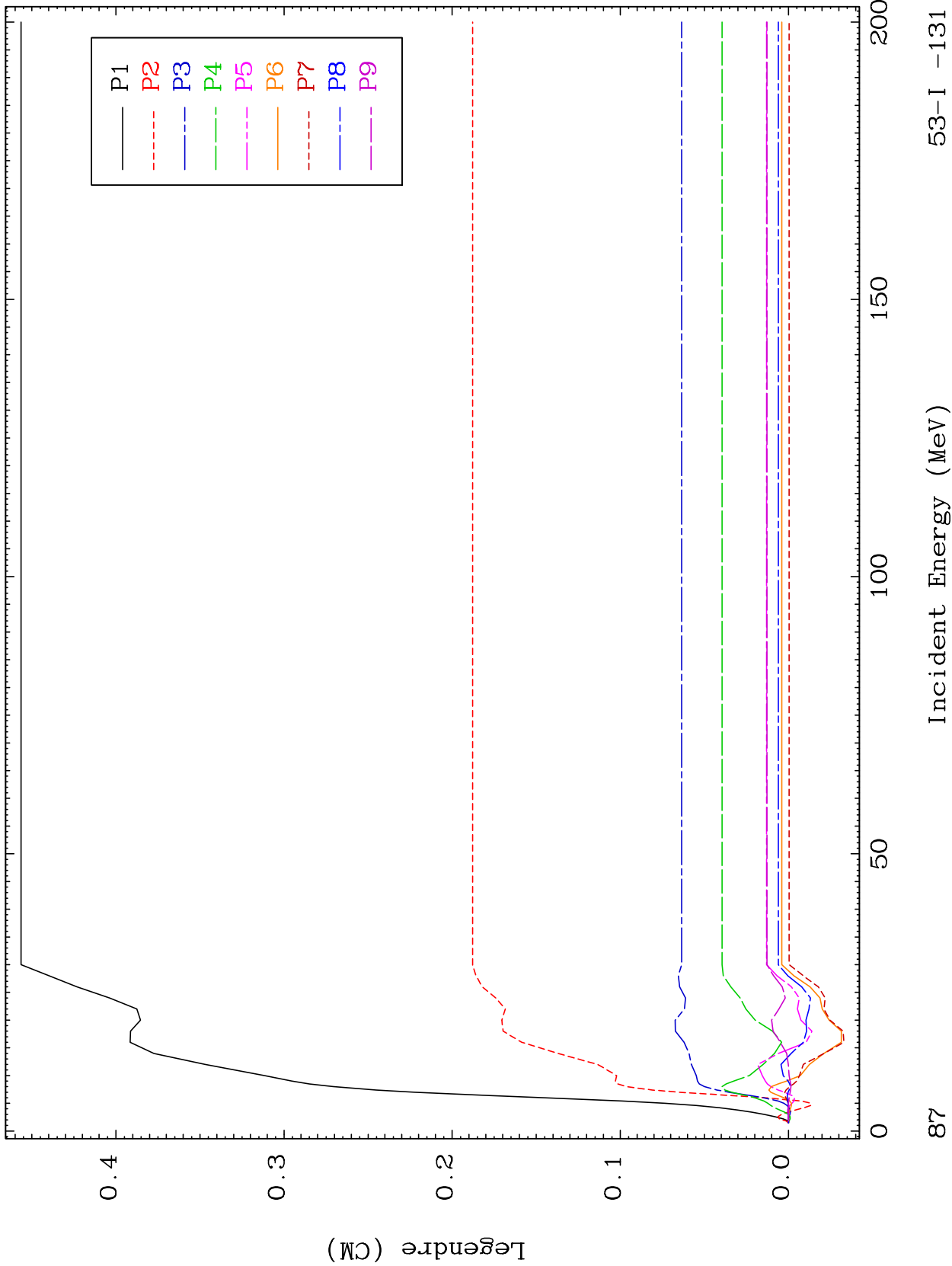
53-I -131



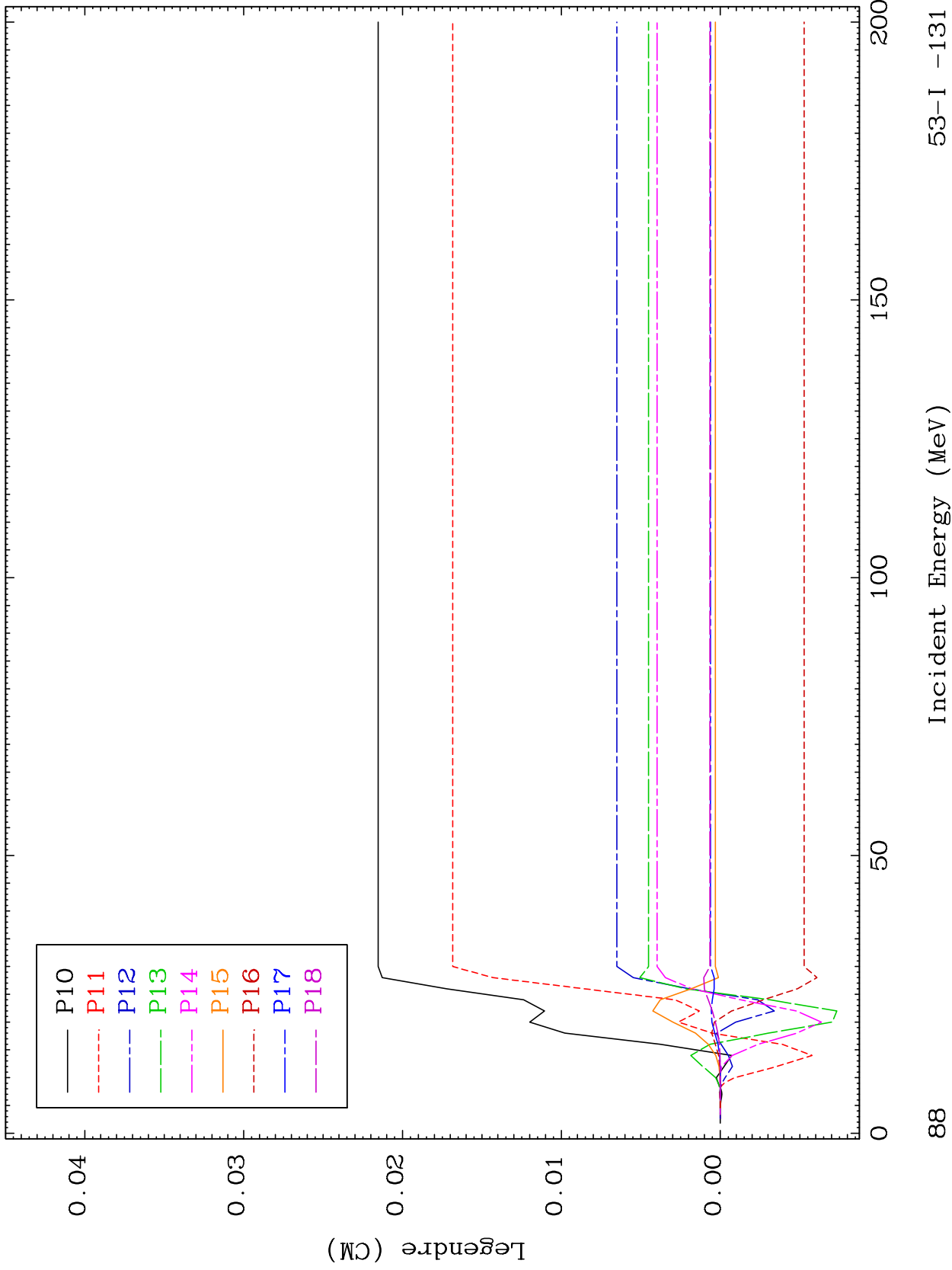
86

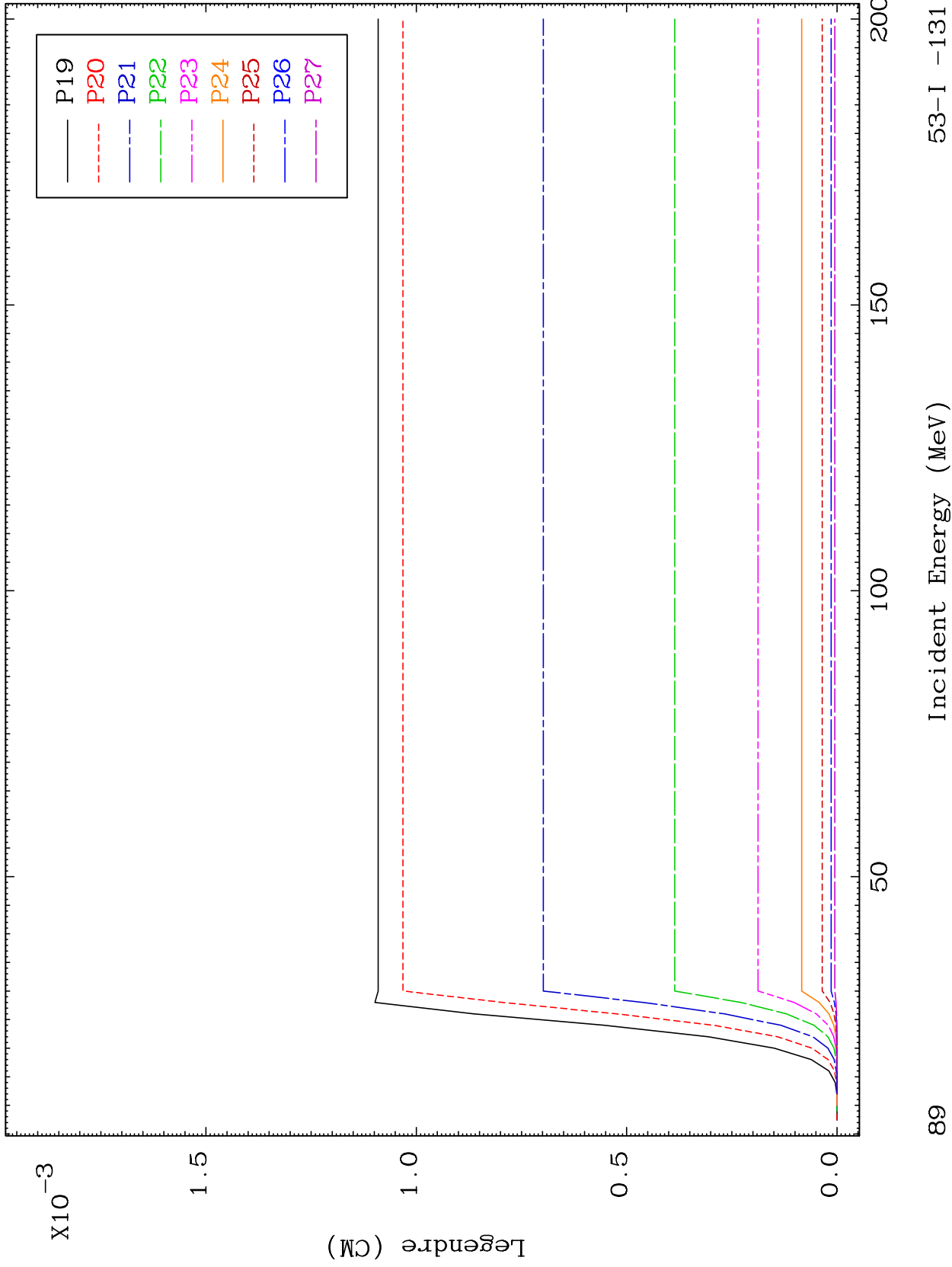
Incident Energy (MeV)

53-I -131





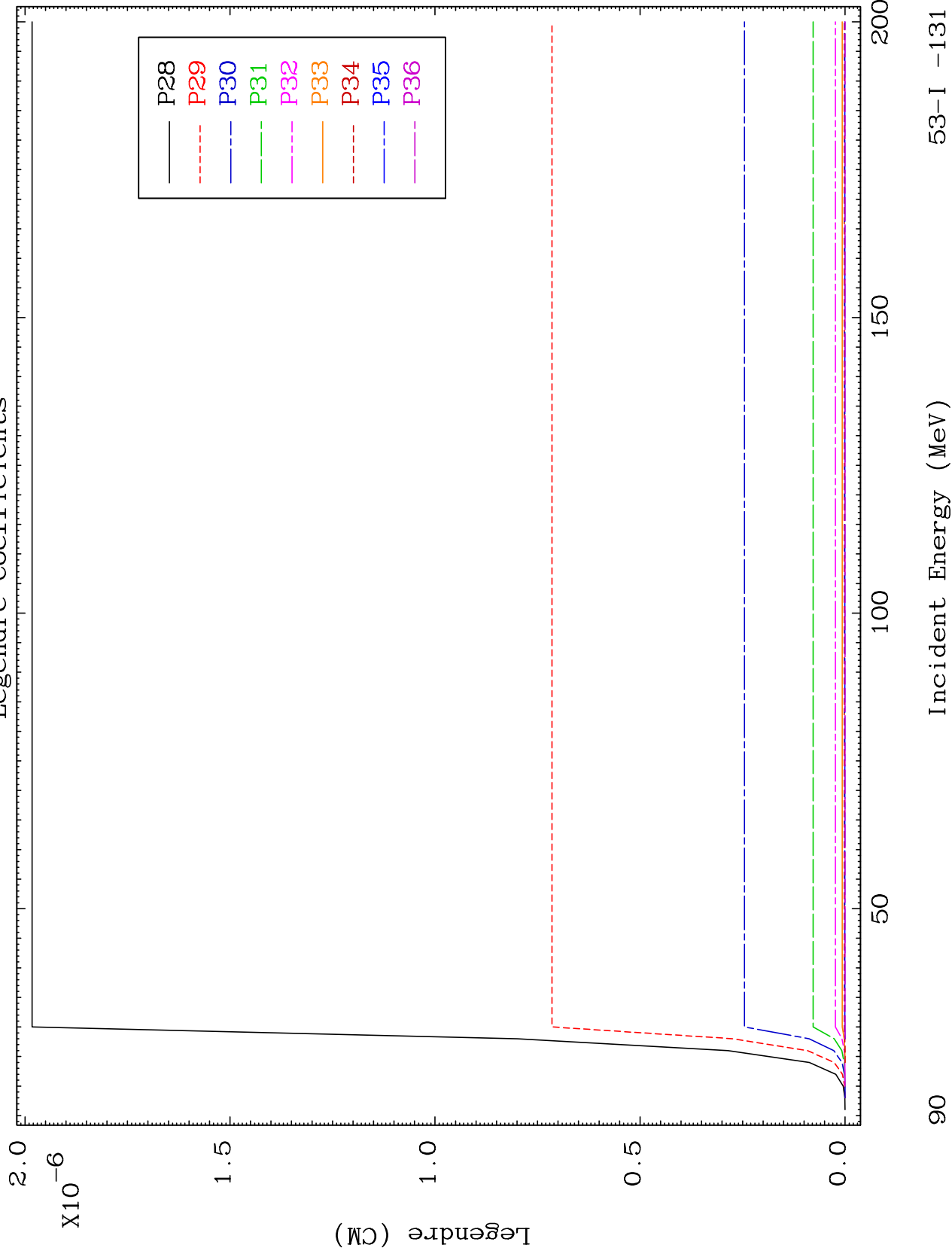




MAT 5337

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

53-I -131

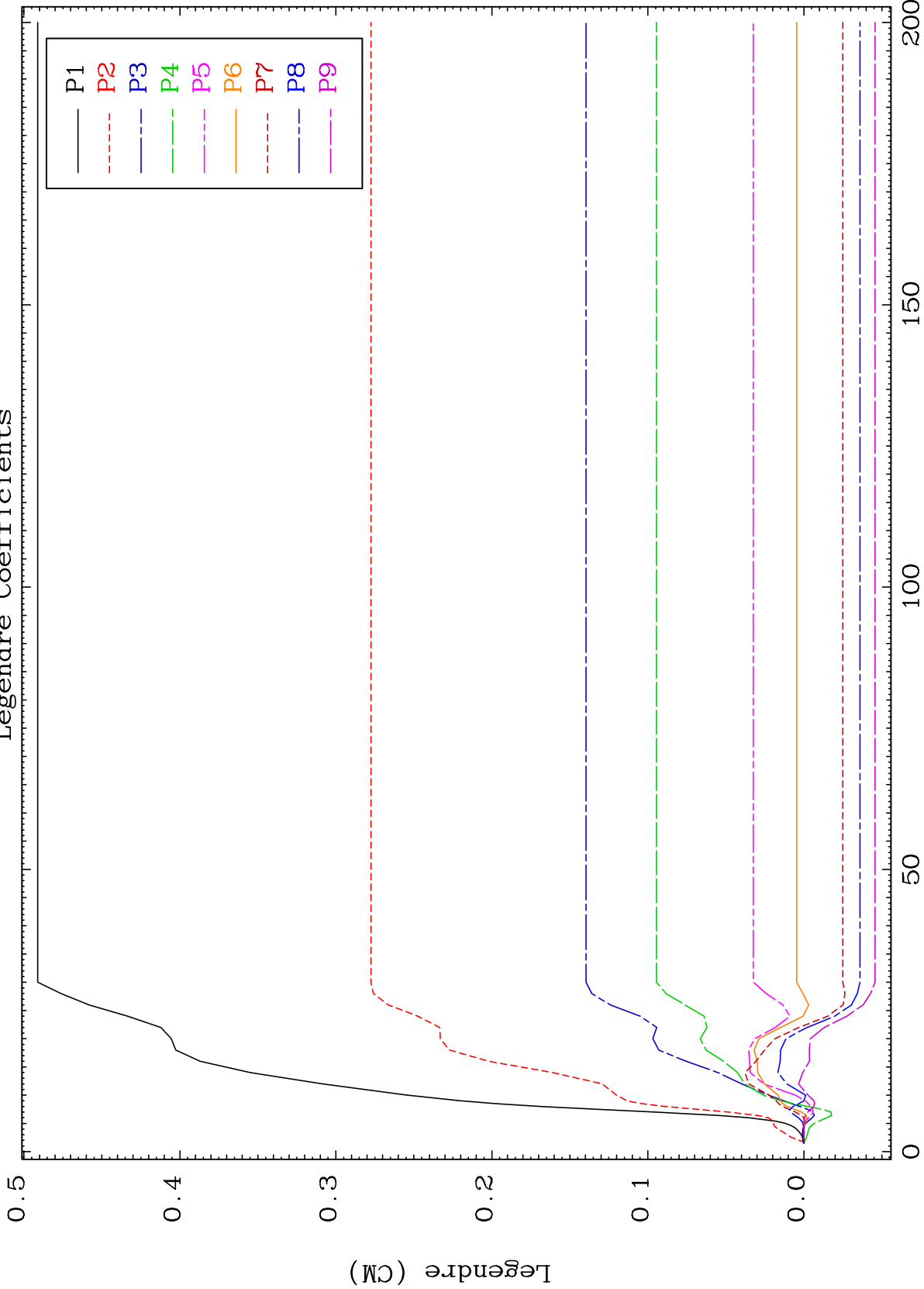


MAT 5337

MT= 69 (n,n') Level

53-I -131

Legendre Coefficients



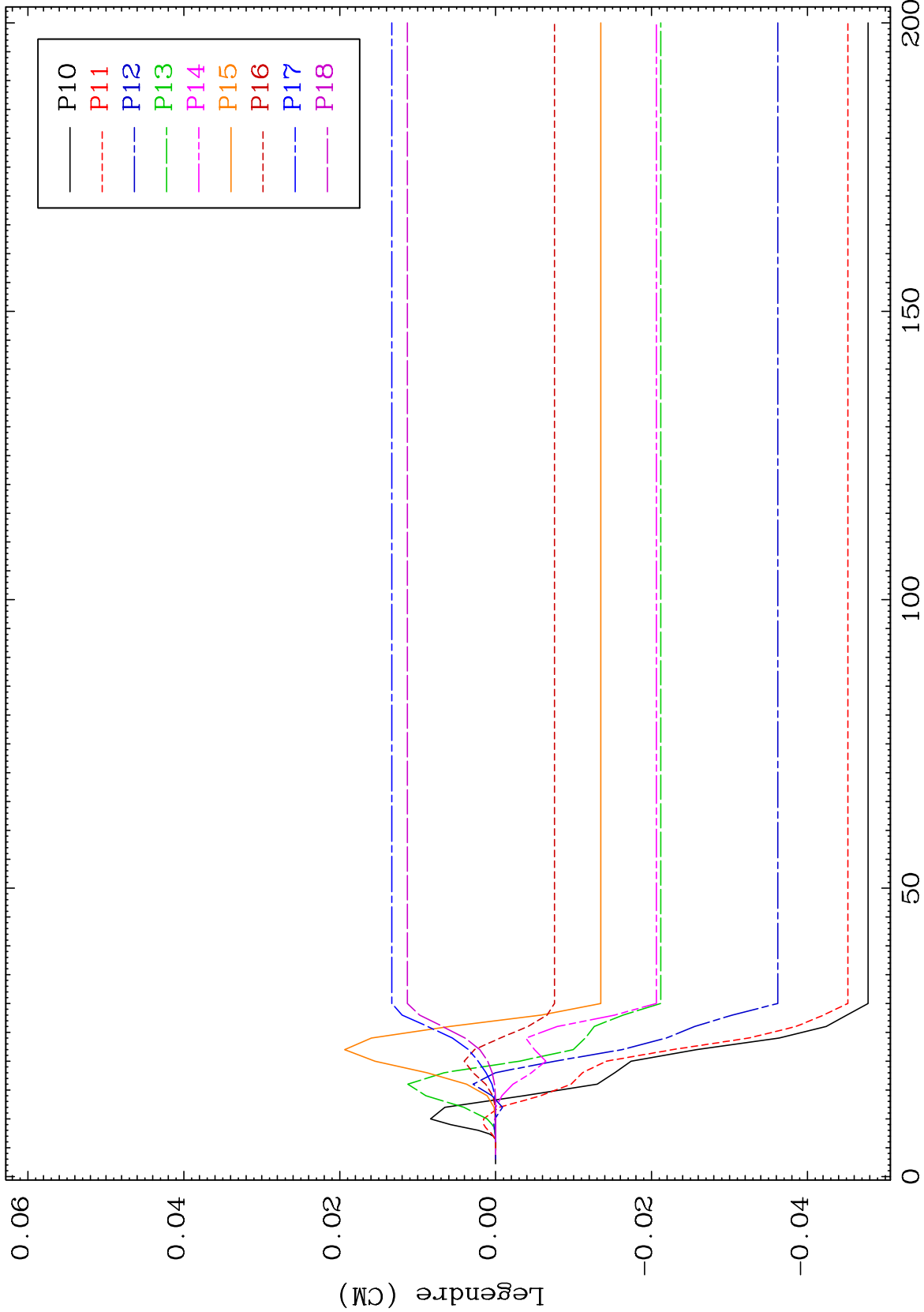
91

53-I -131

MAT 5337

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

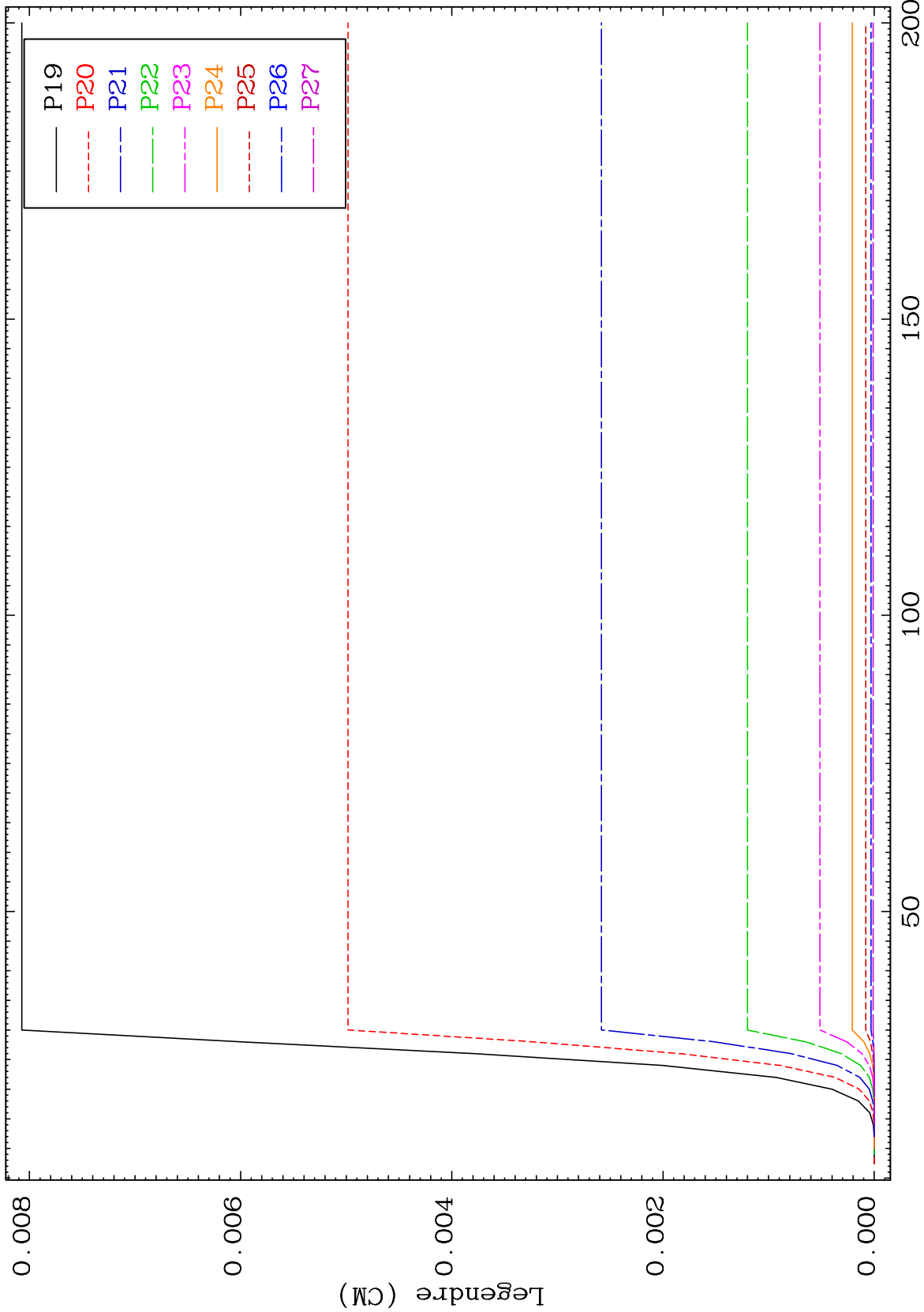
53-I -131



92

Incident Energy (MeV)

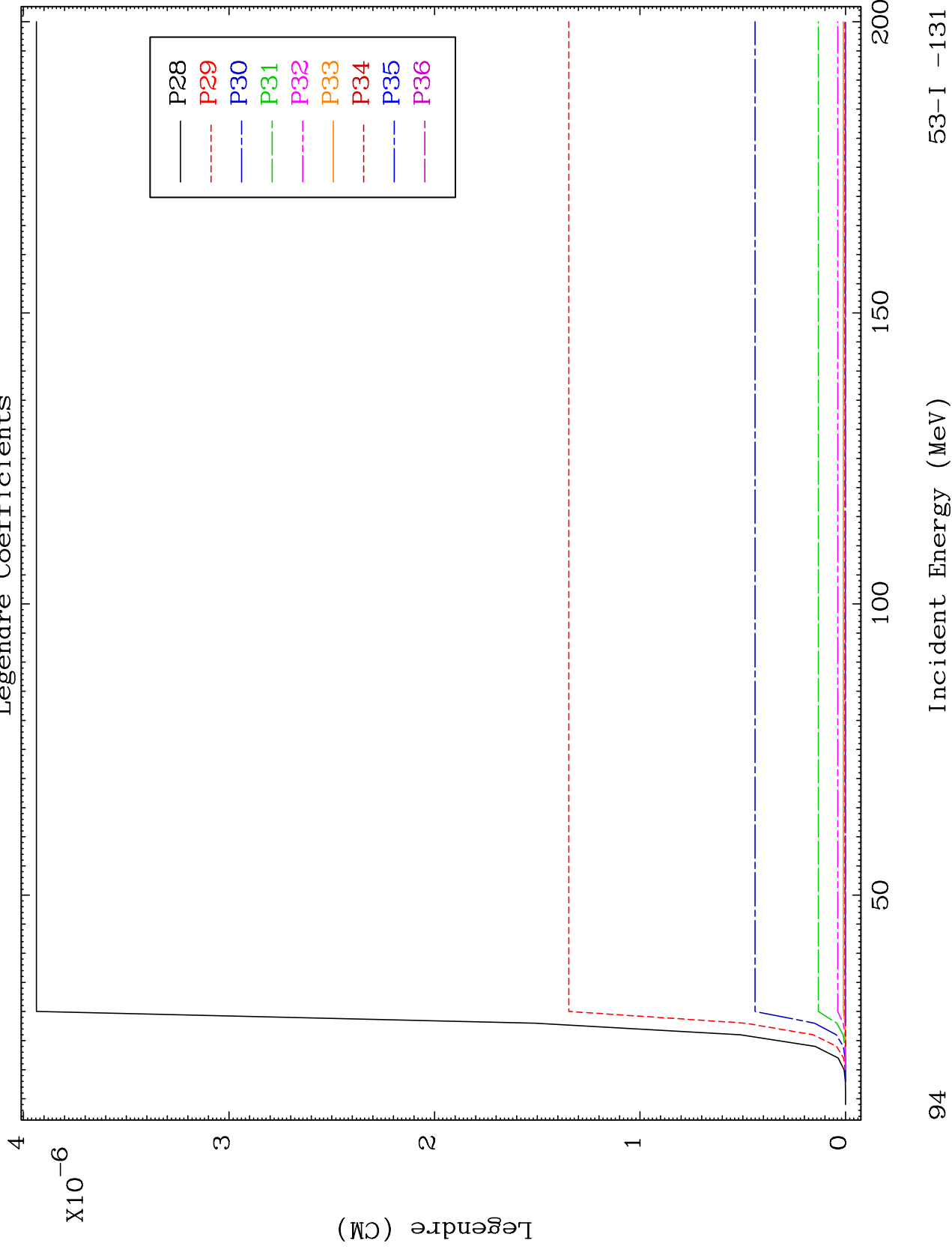
53-I -131



MAT 5337

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

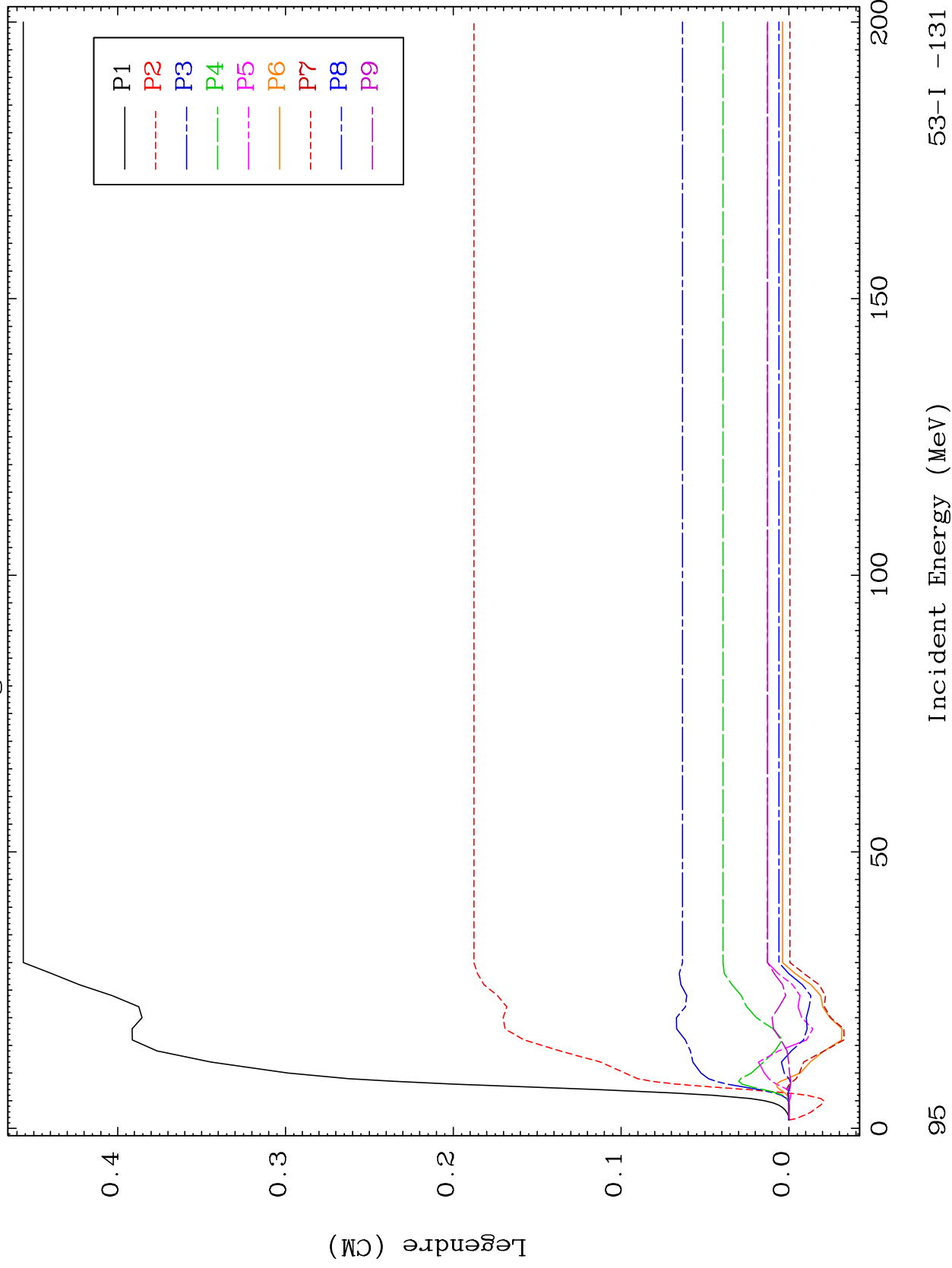
53-I -131



MAT 5337

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

53-I -131

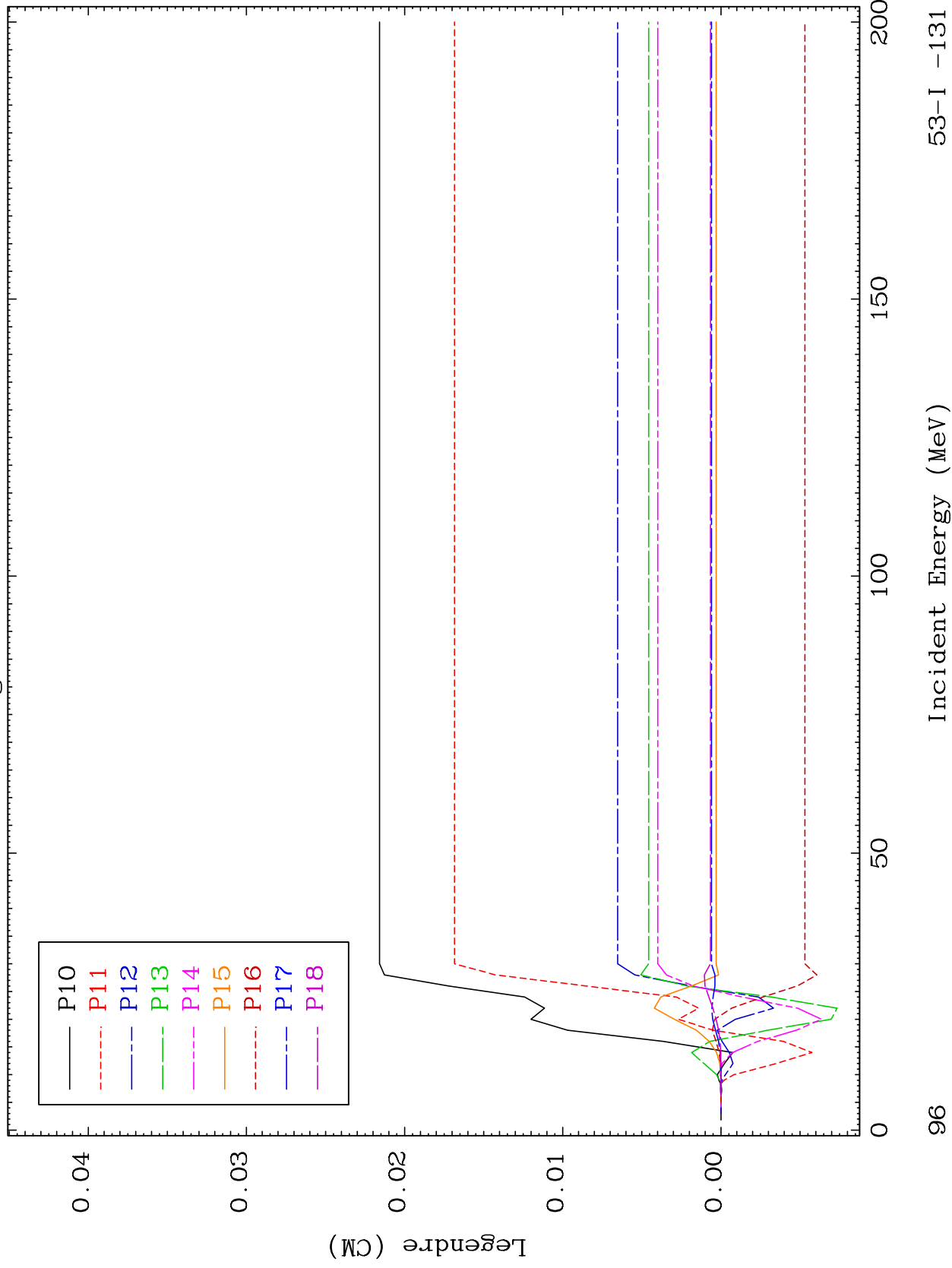


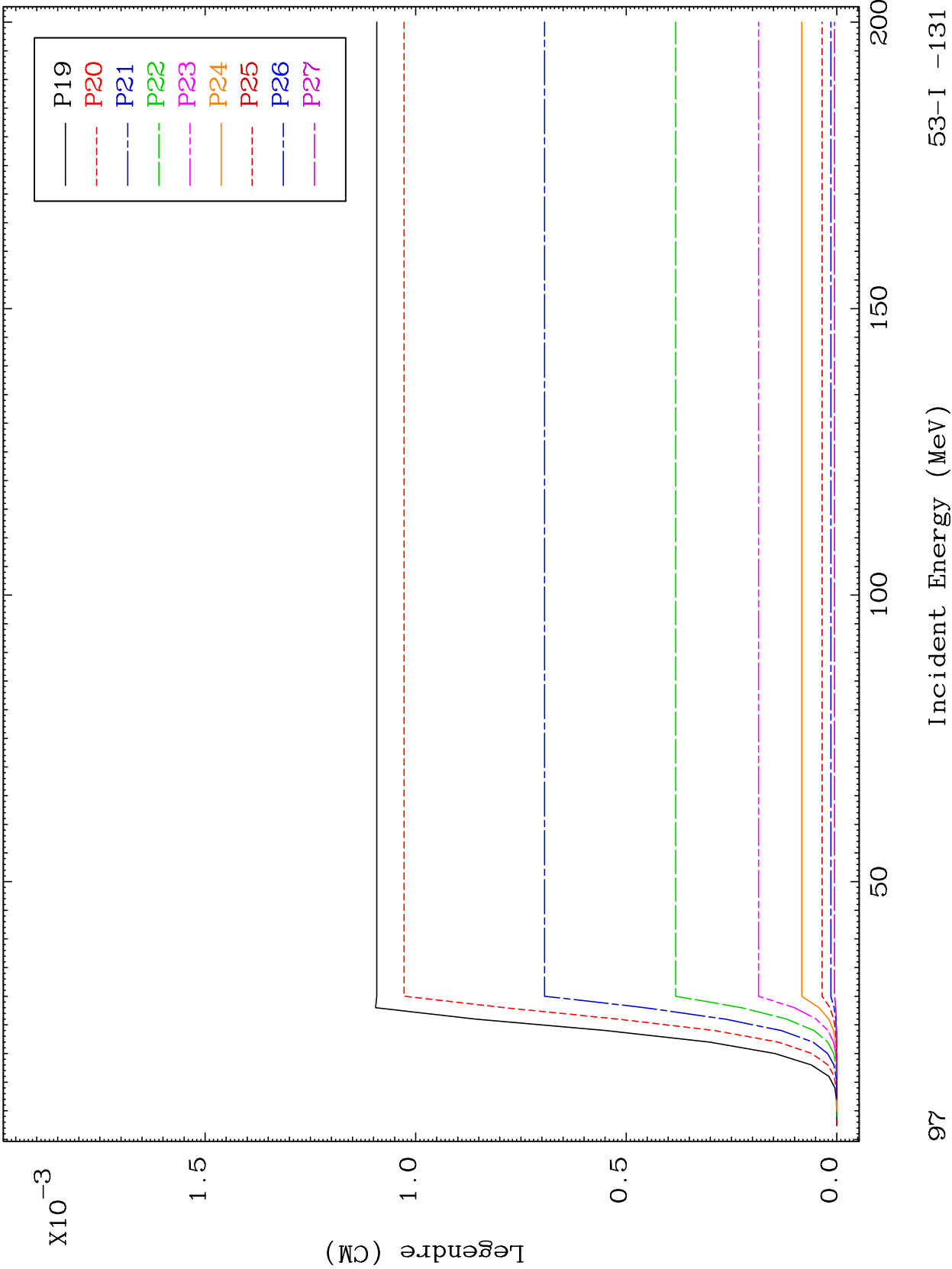
53-I -131

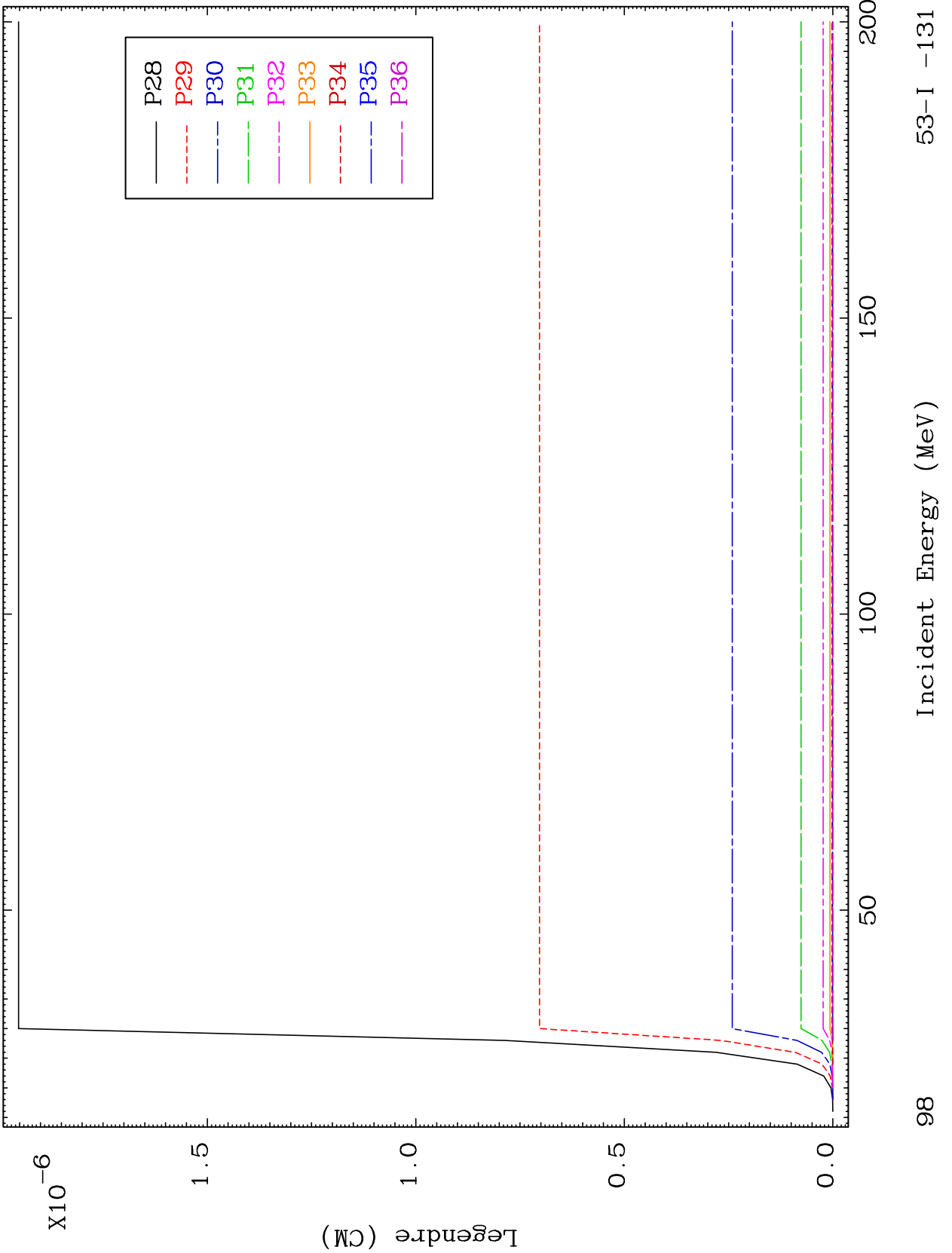
Incident Energy (MeV)

95





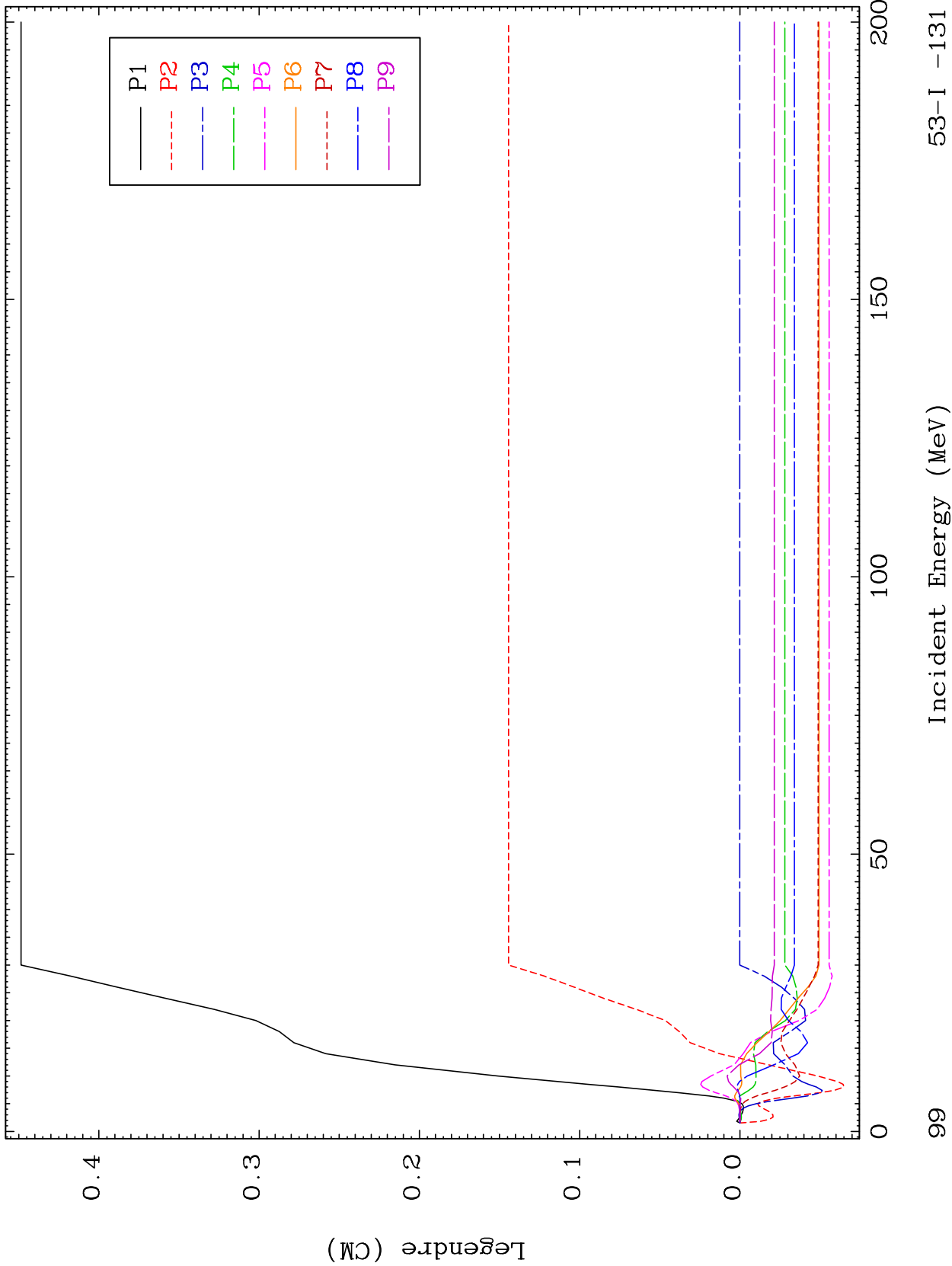




MAT 5337

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

53-I -131



53-I -131

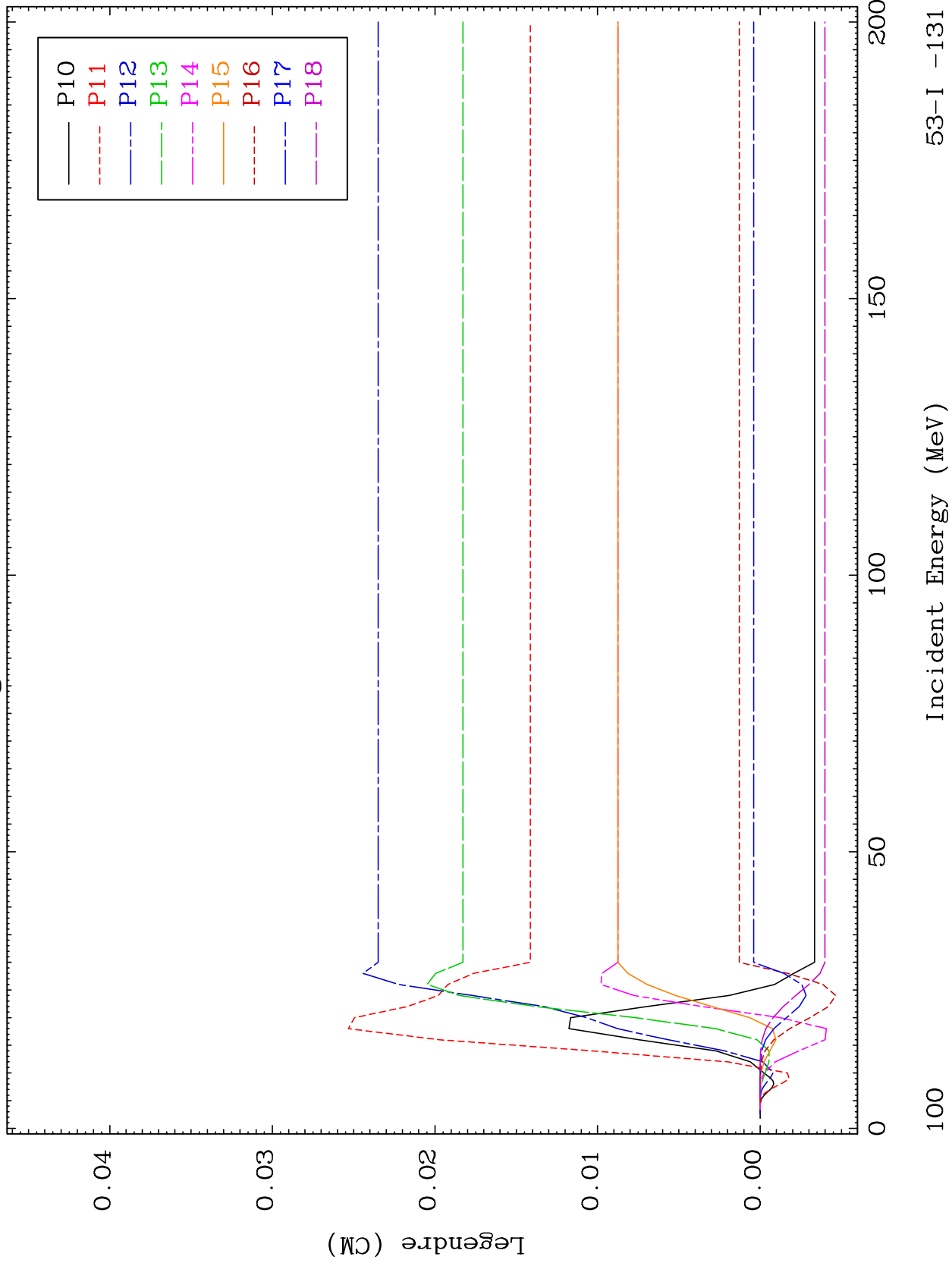
Incident Energy (MeV)

99

MAT 5337

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

53-I -131

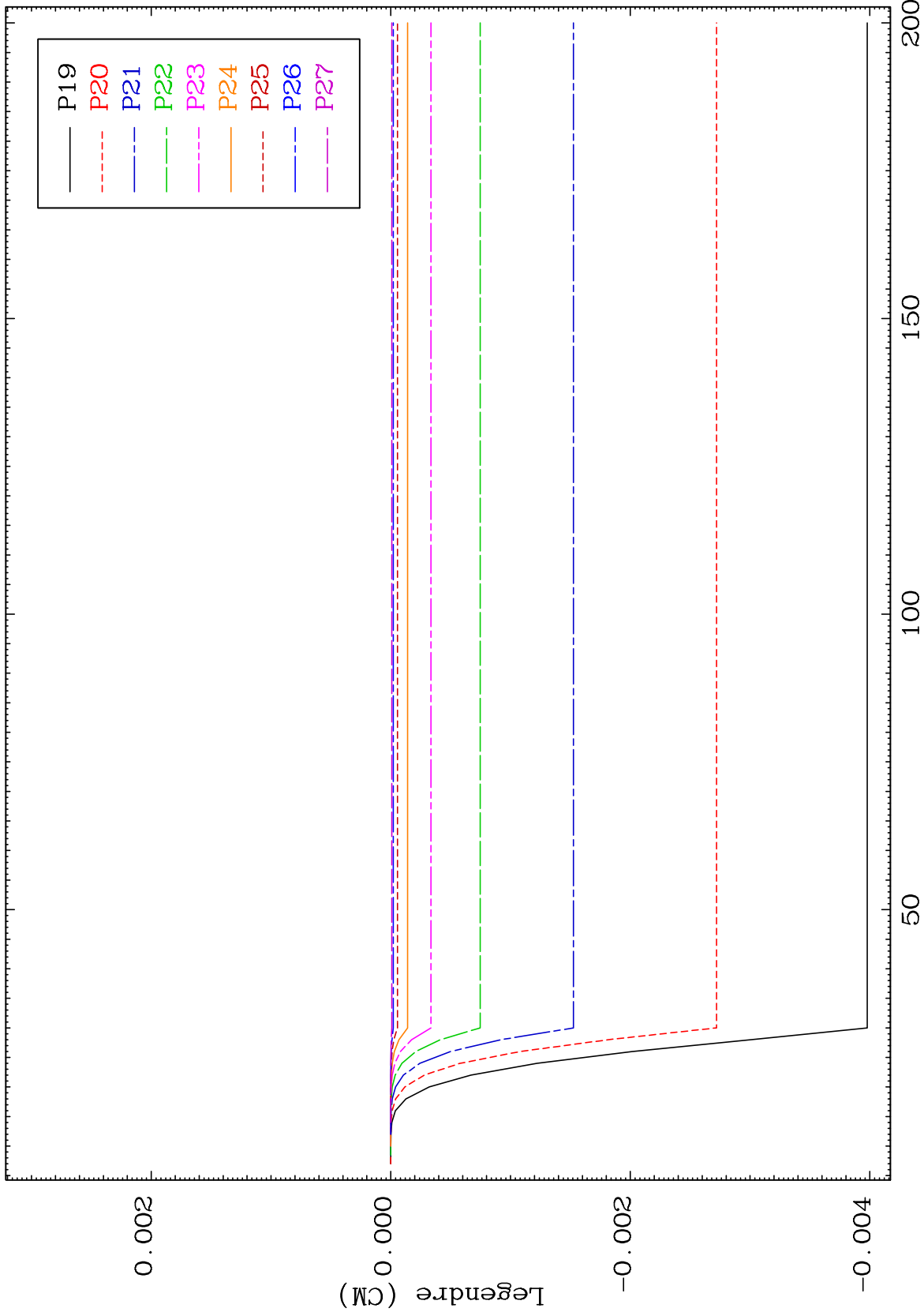


53-I -131

MAT 5337

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

53-I -131



101

Incident Energy (MeV)

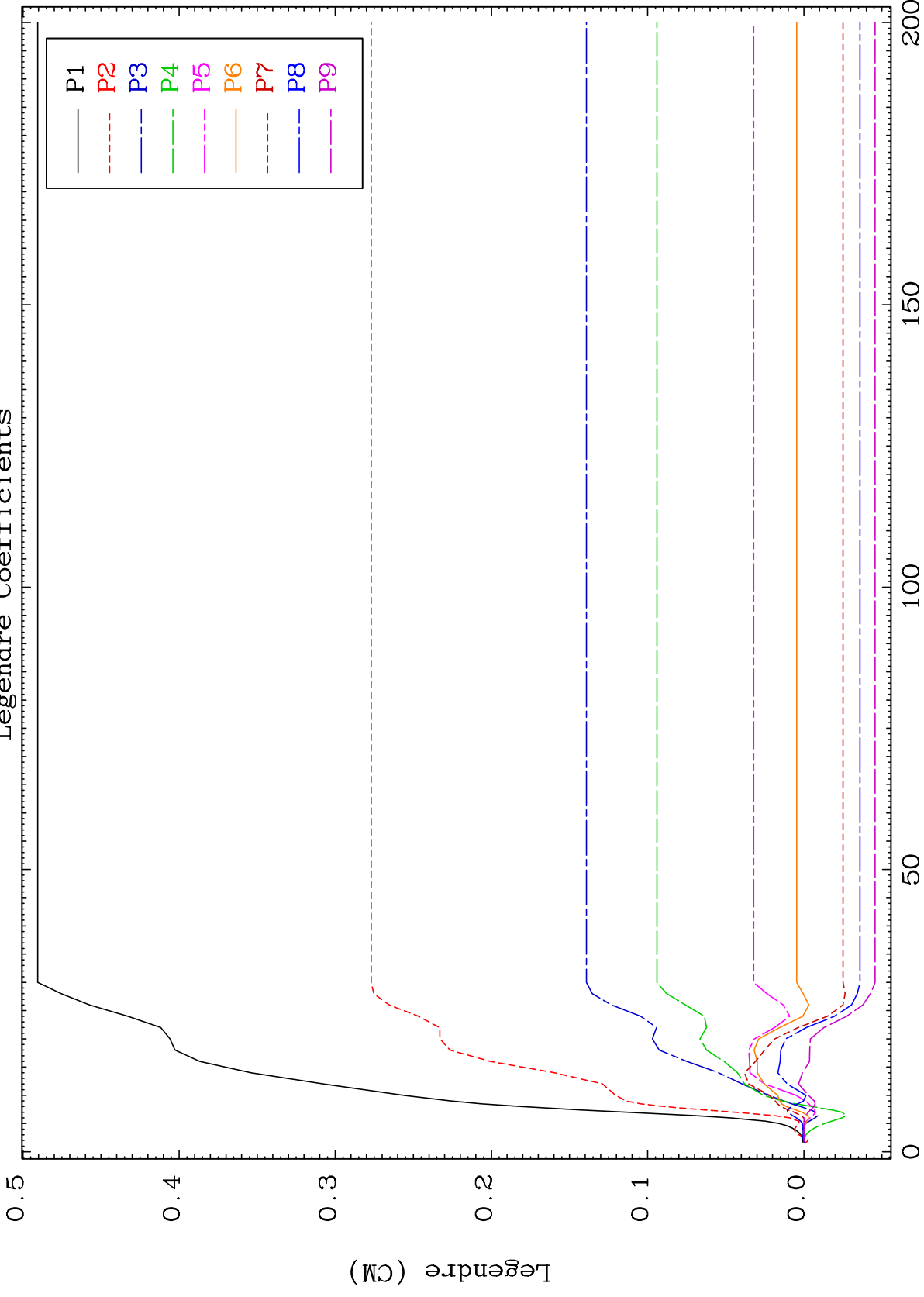
53-I -131



MAT 5337

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

53-I -131



103

Incident Energy (MeV)

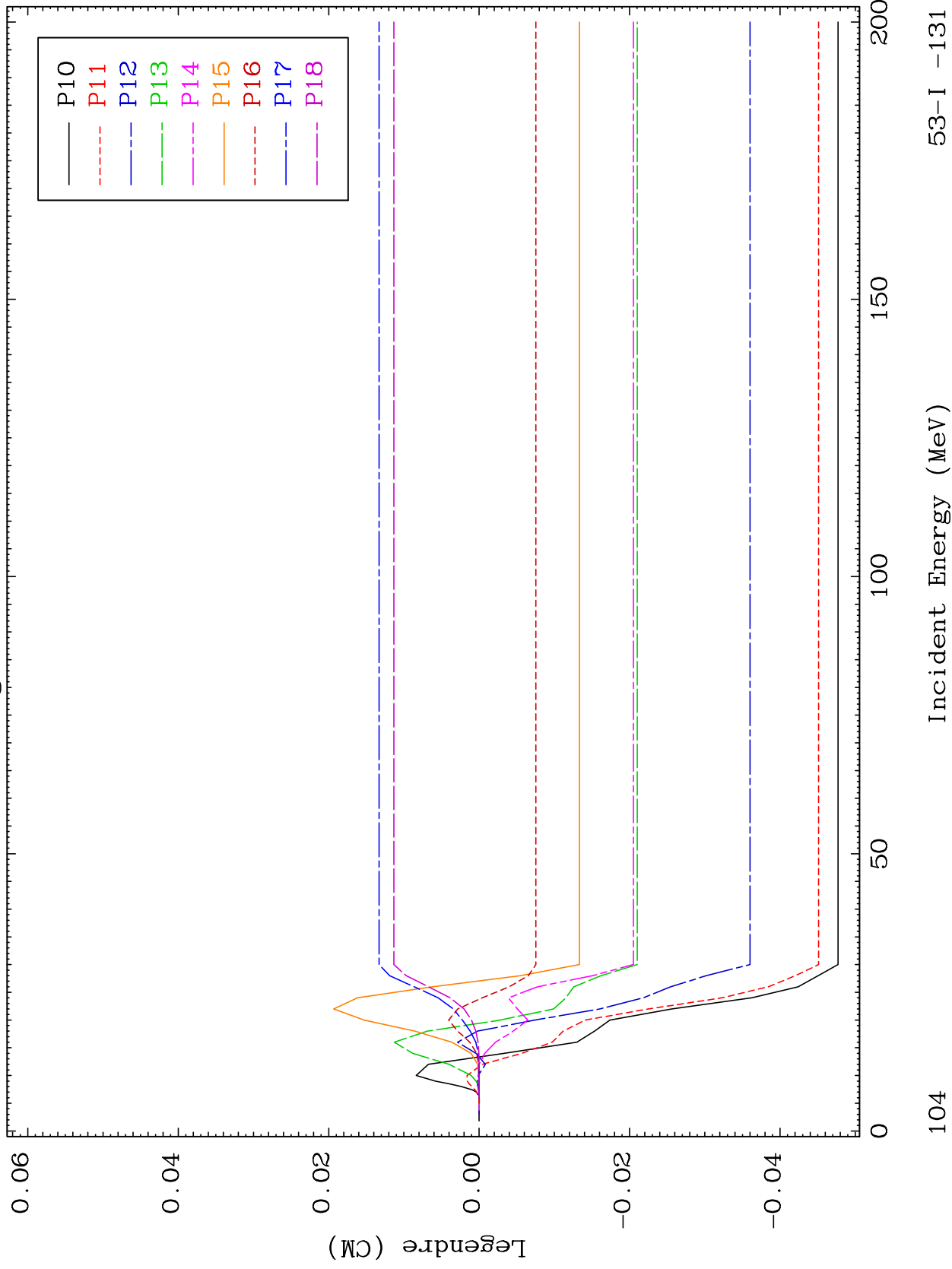
53-I -131



MAT 5337

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

53-I -131



104

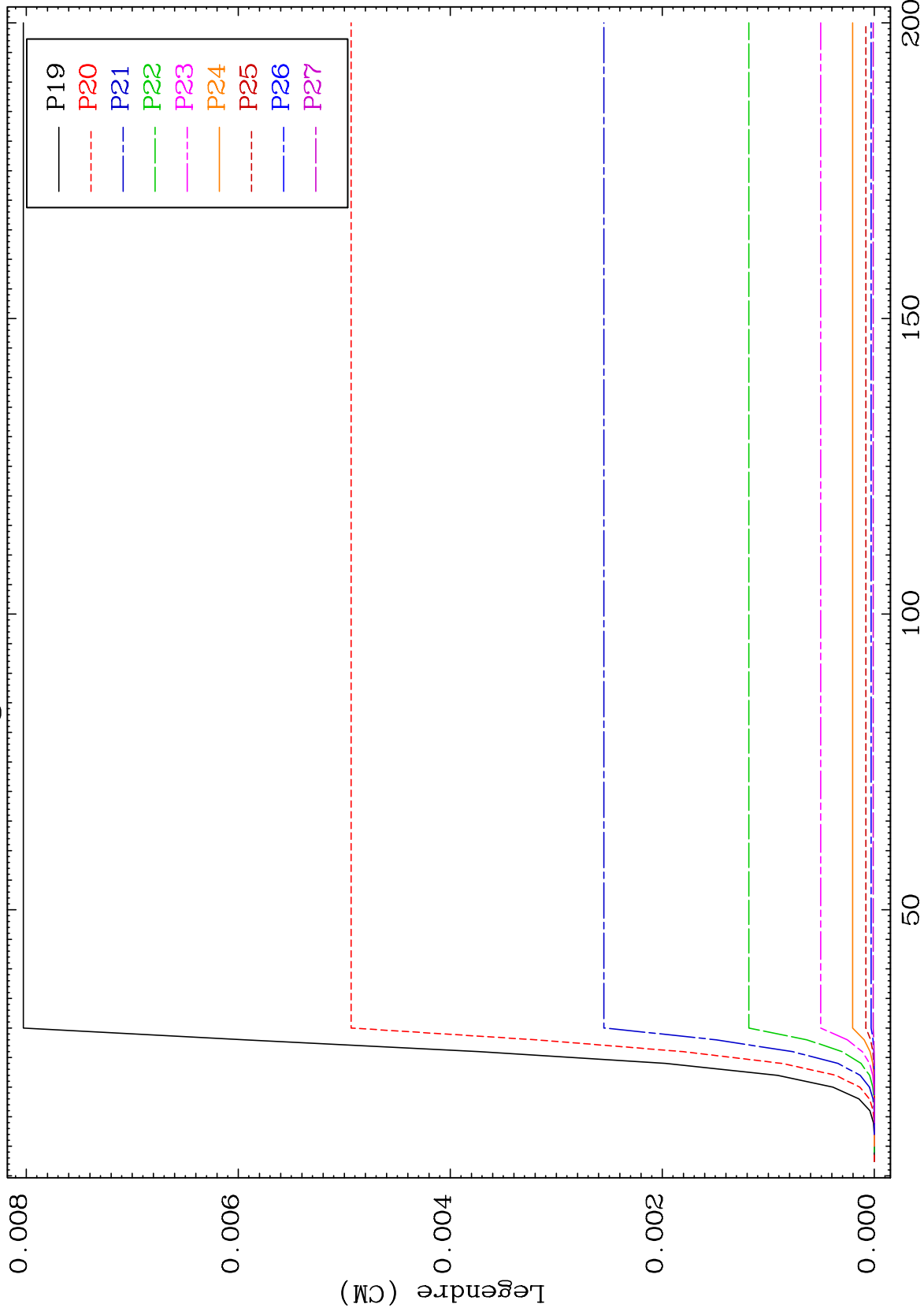
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



105

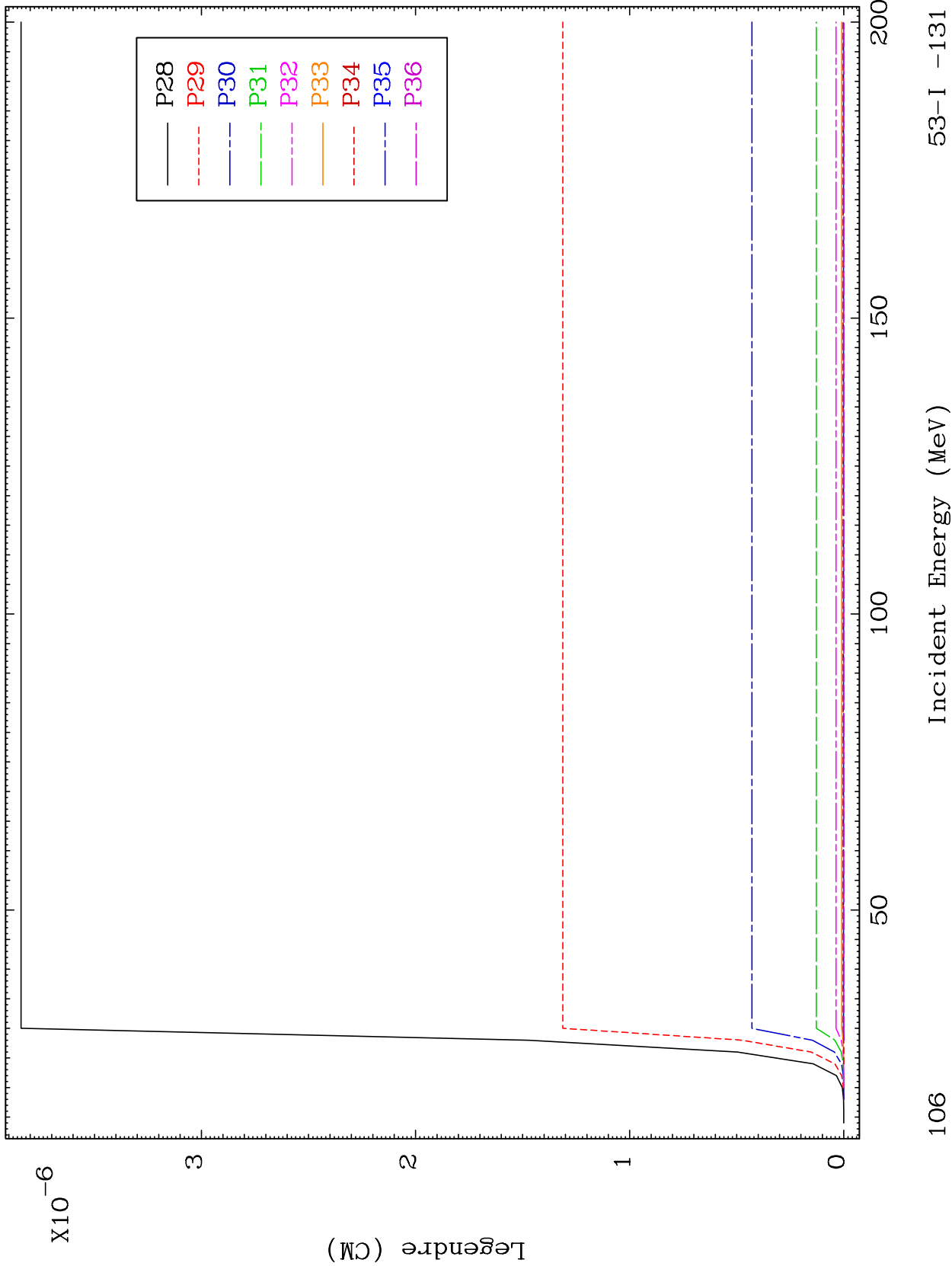
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



106

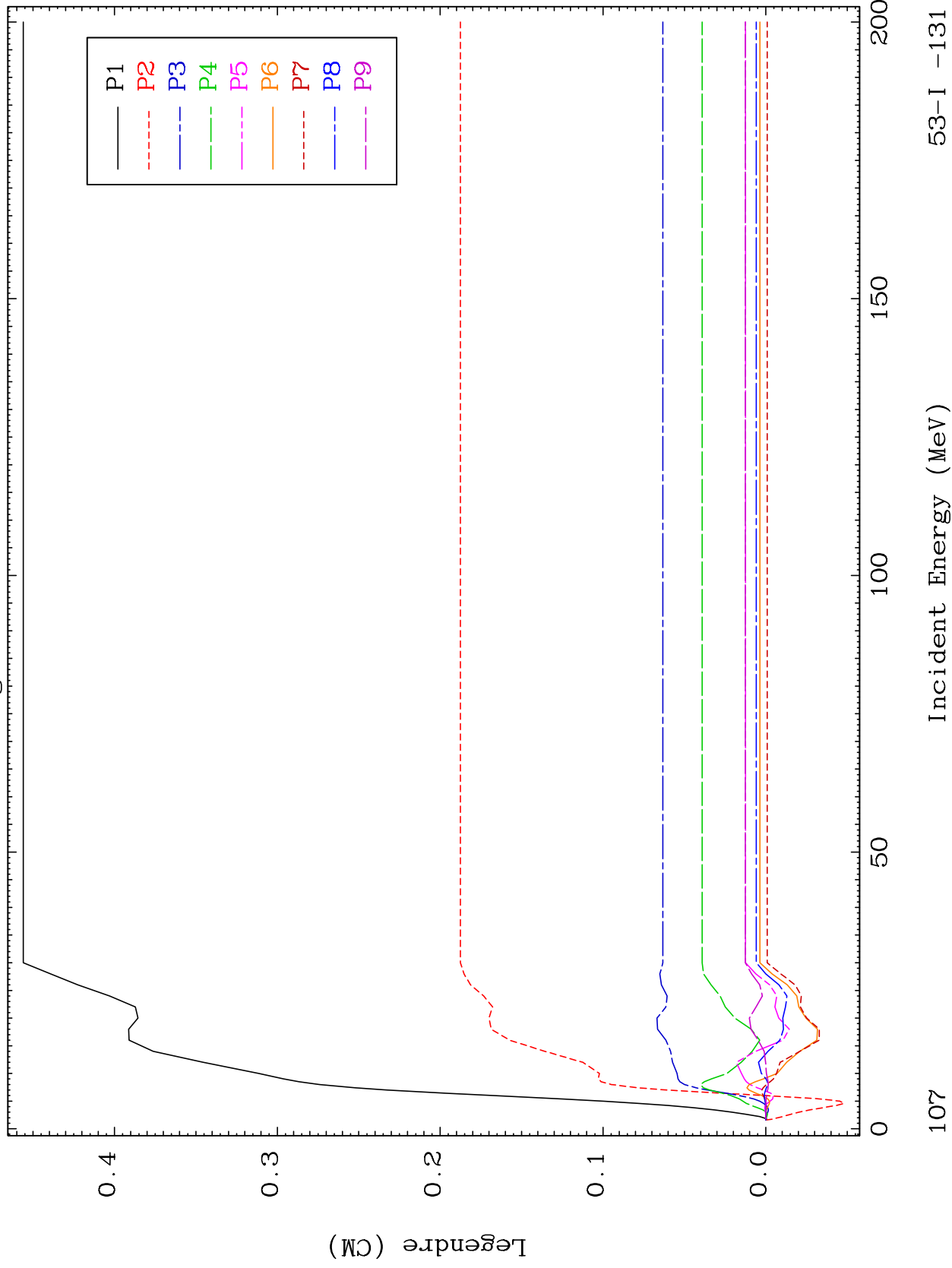
Incident Energy (MeV)

53-I -131

MAT 5337

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

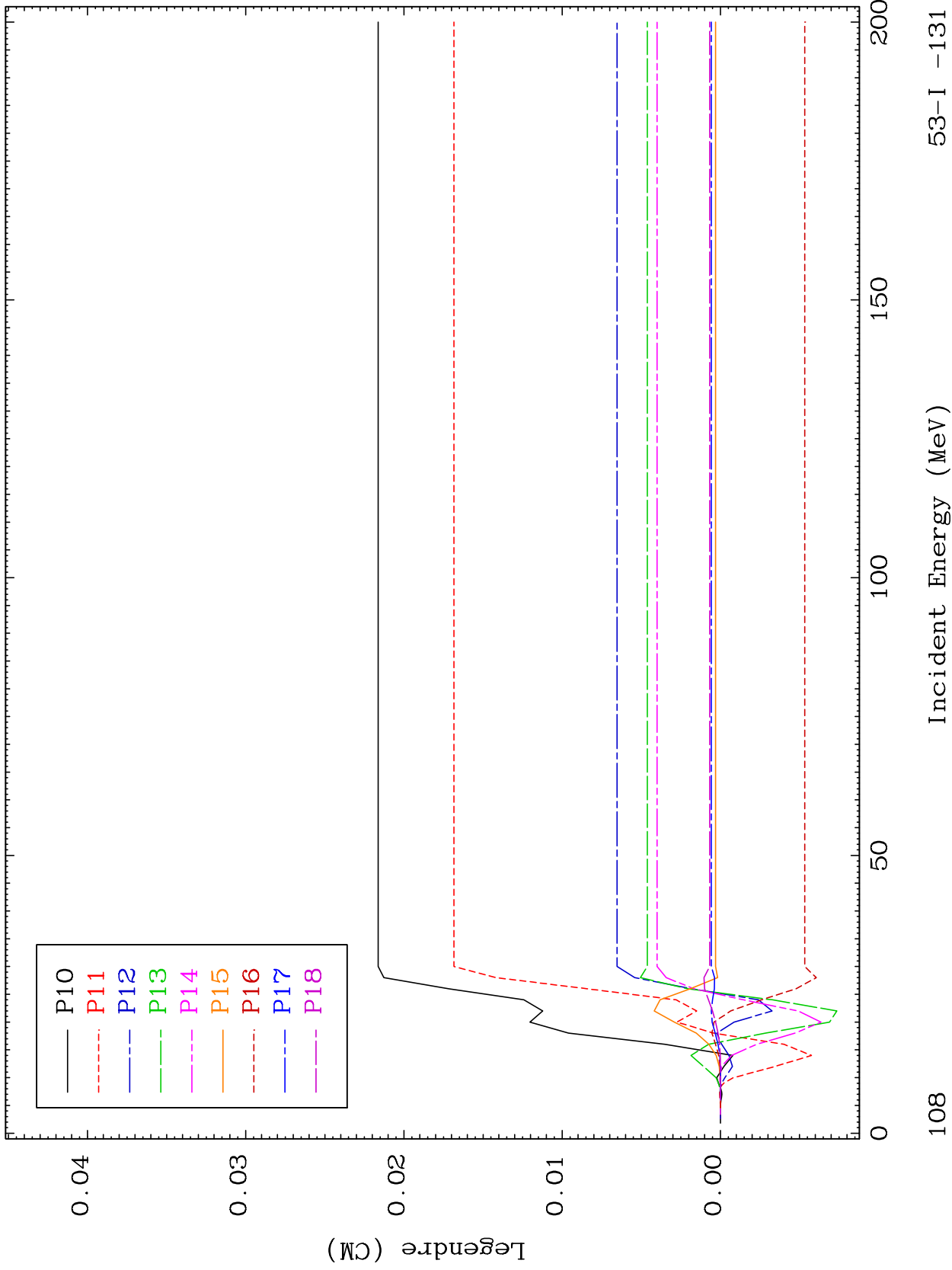
53-I -131

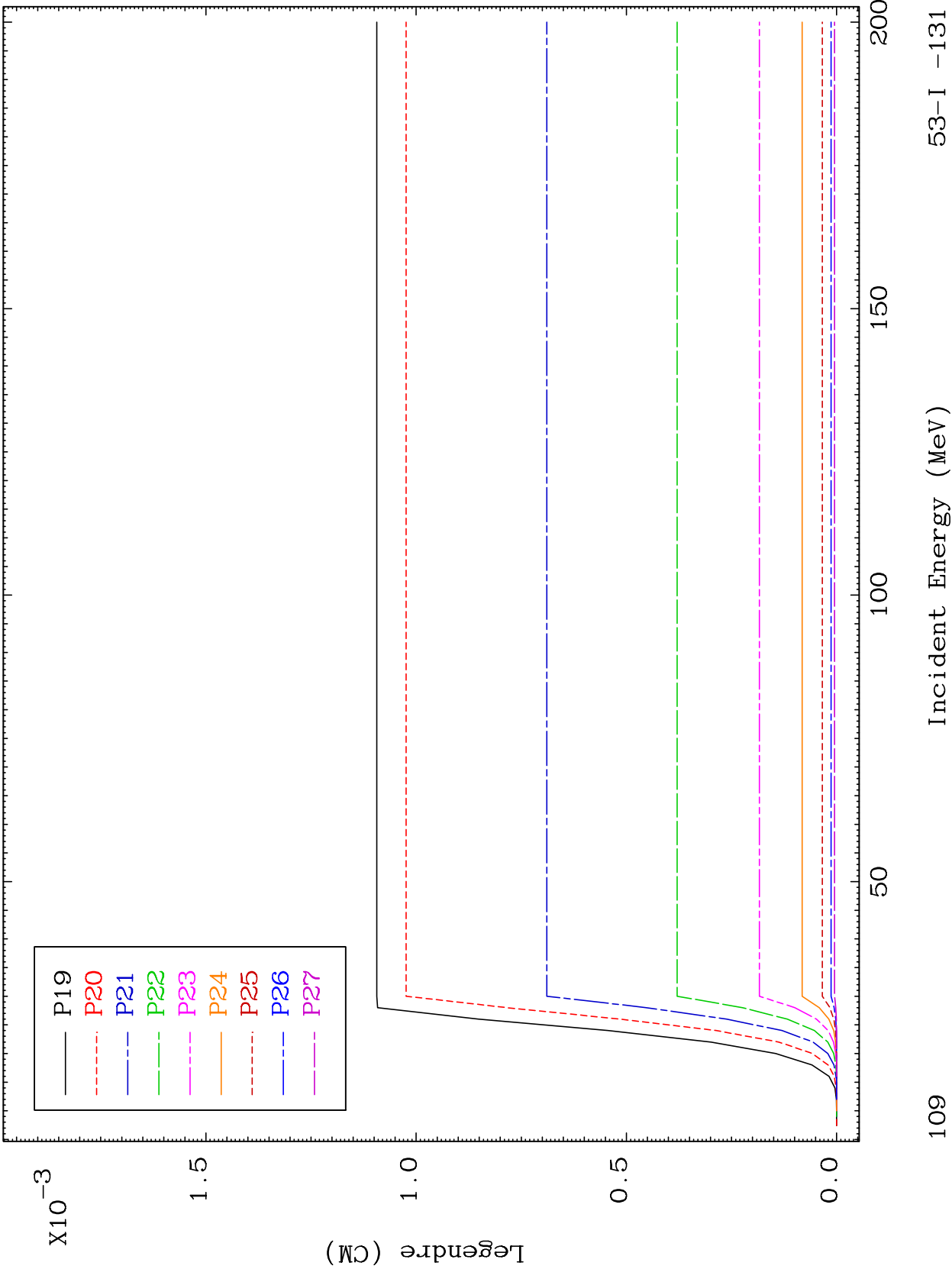


53-I -131

Incident Energy (MeV)

107

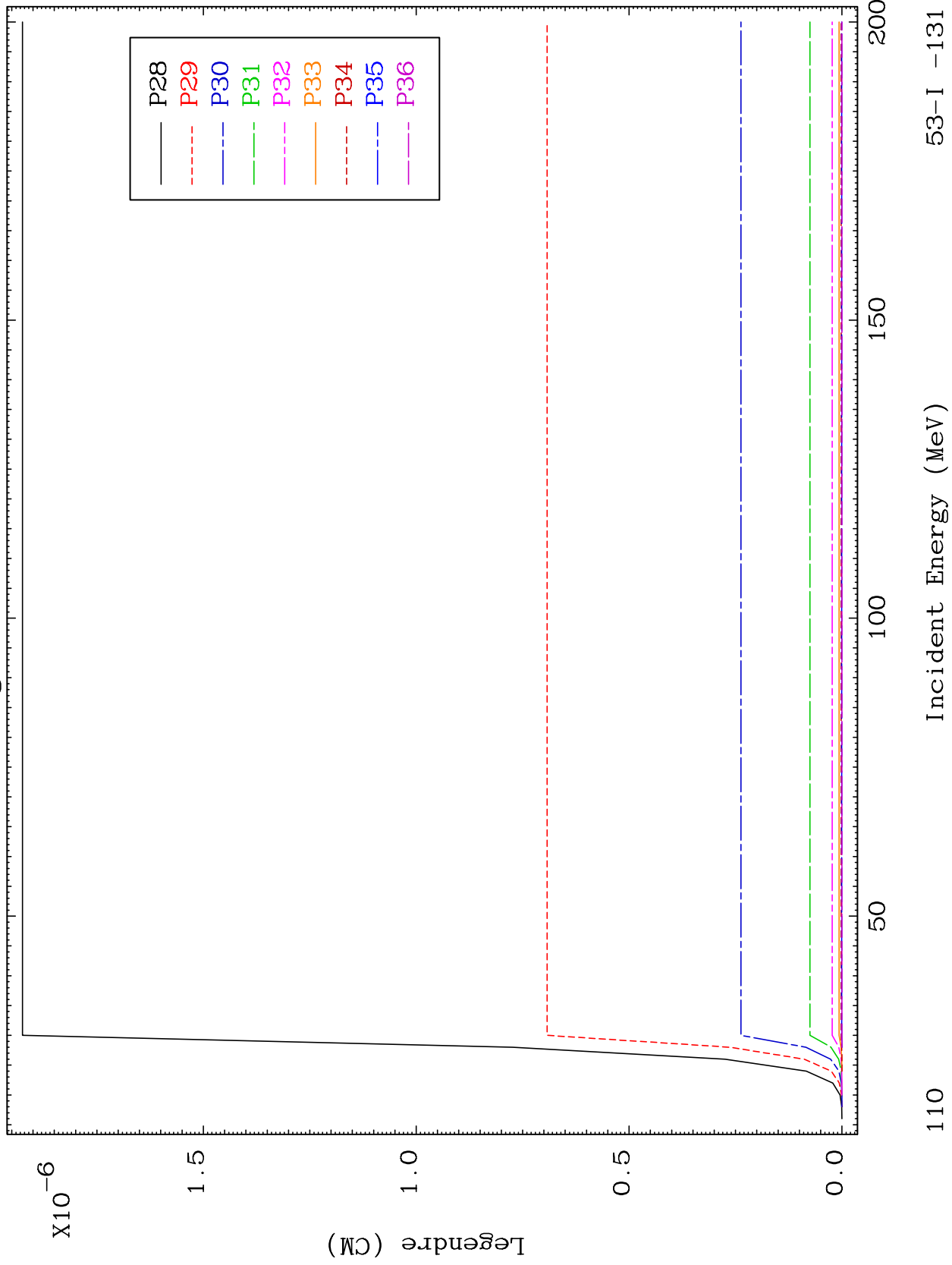




MAT 5337

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

53-I -131



110

Incident Energy (MeV)

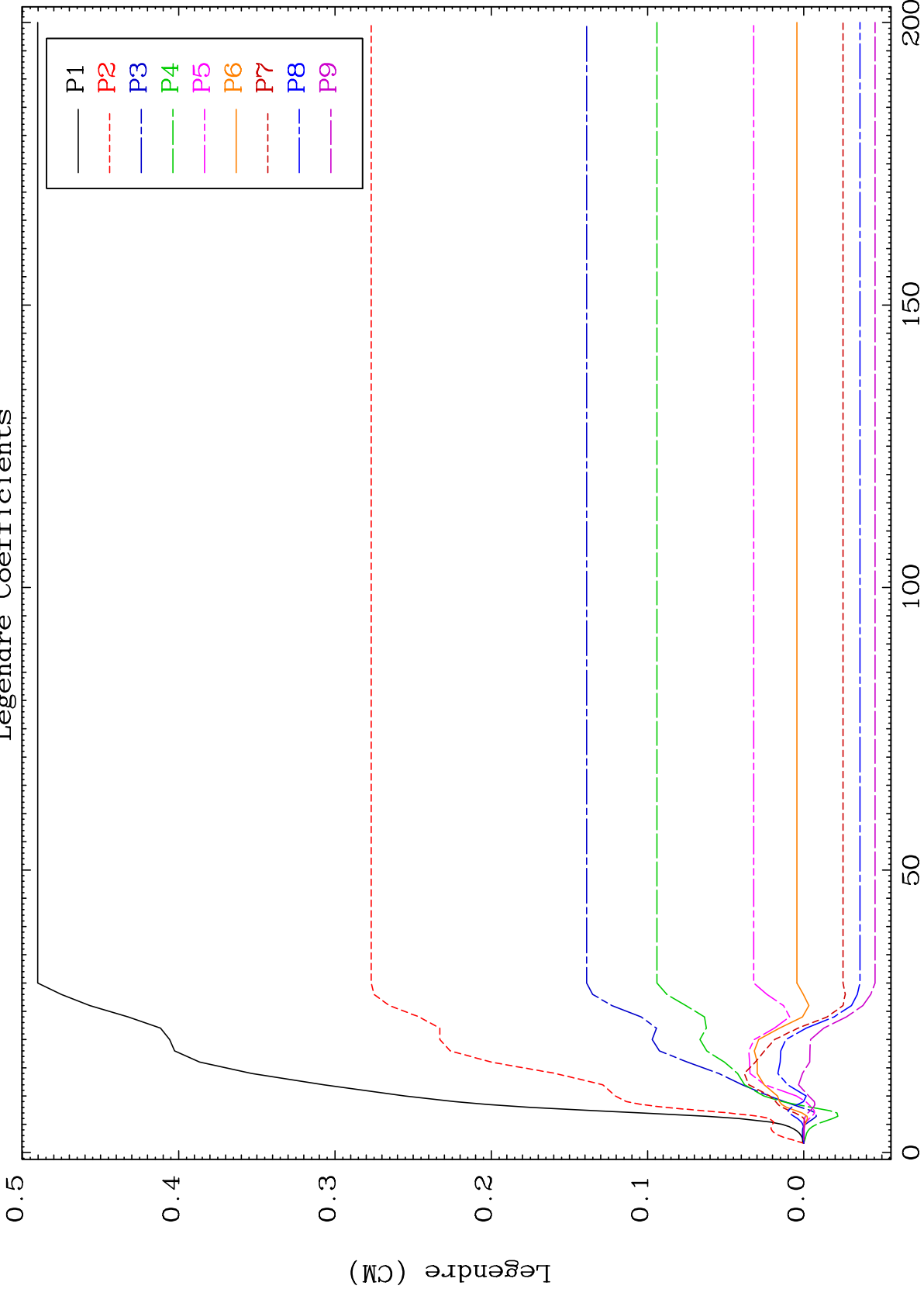
53-I -131

MAT 5337

MT= 74 (n,n') Level

53-I -131

Legendre Coefficients



111

Incident Energy (MeV)

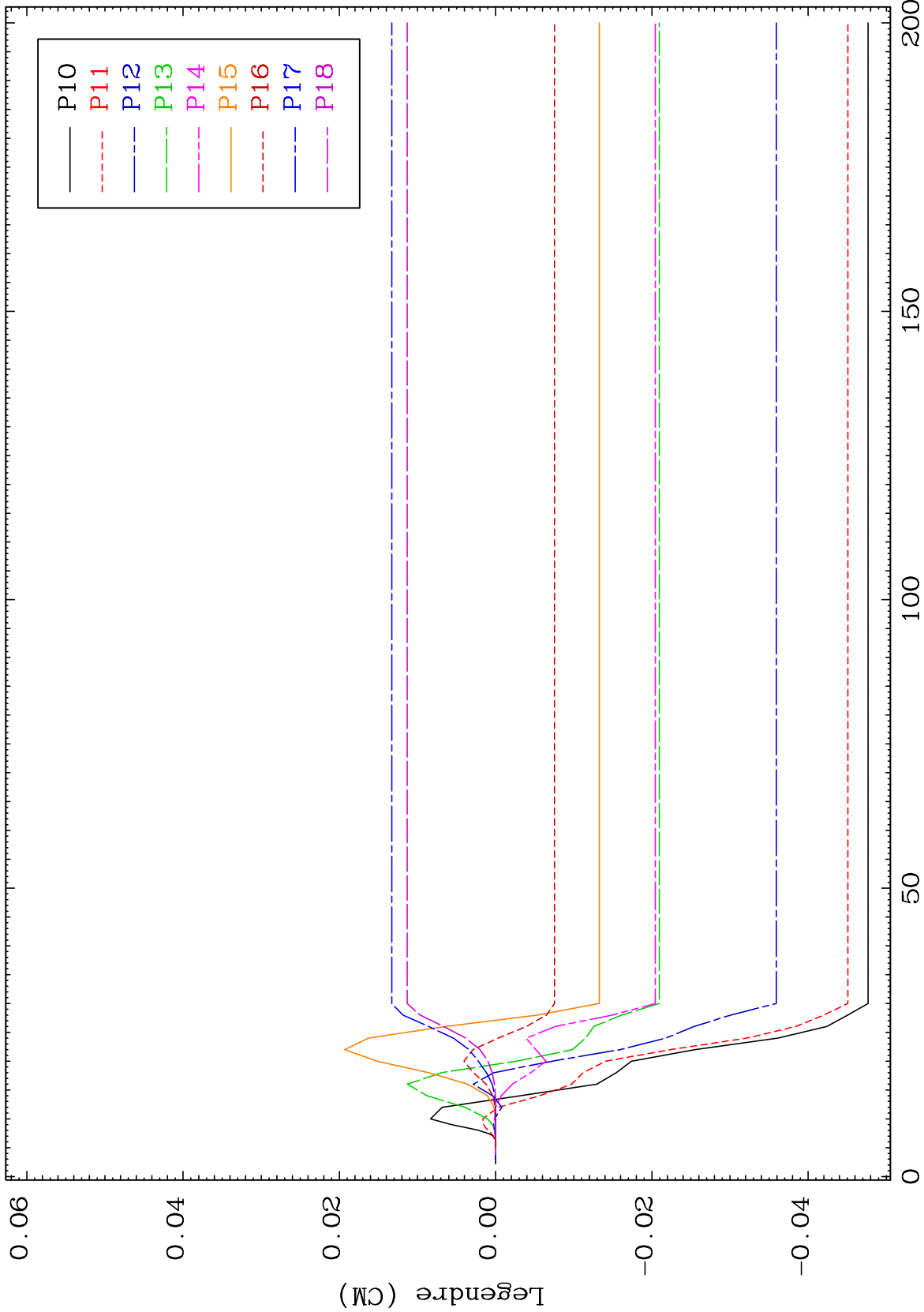
53-I -131



MAT 5337

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

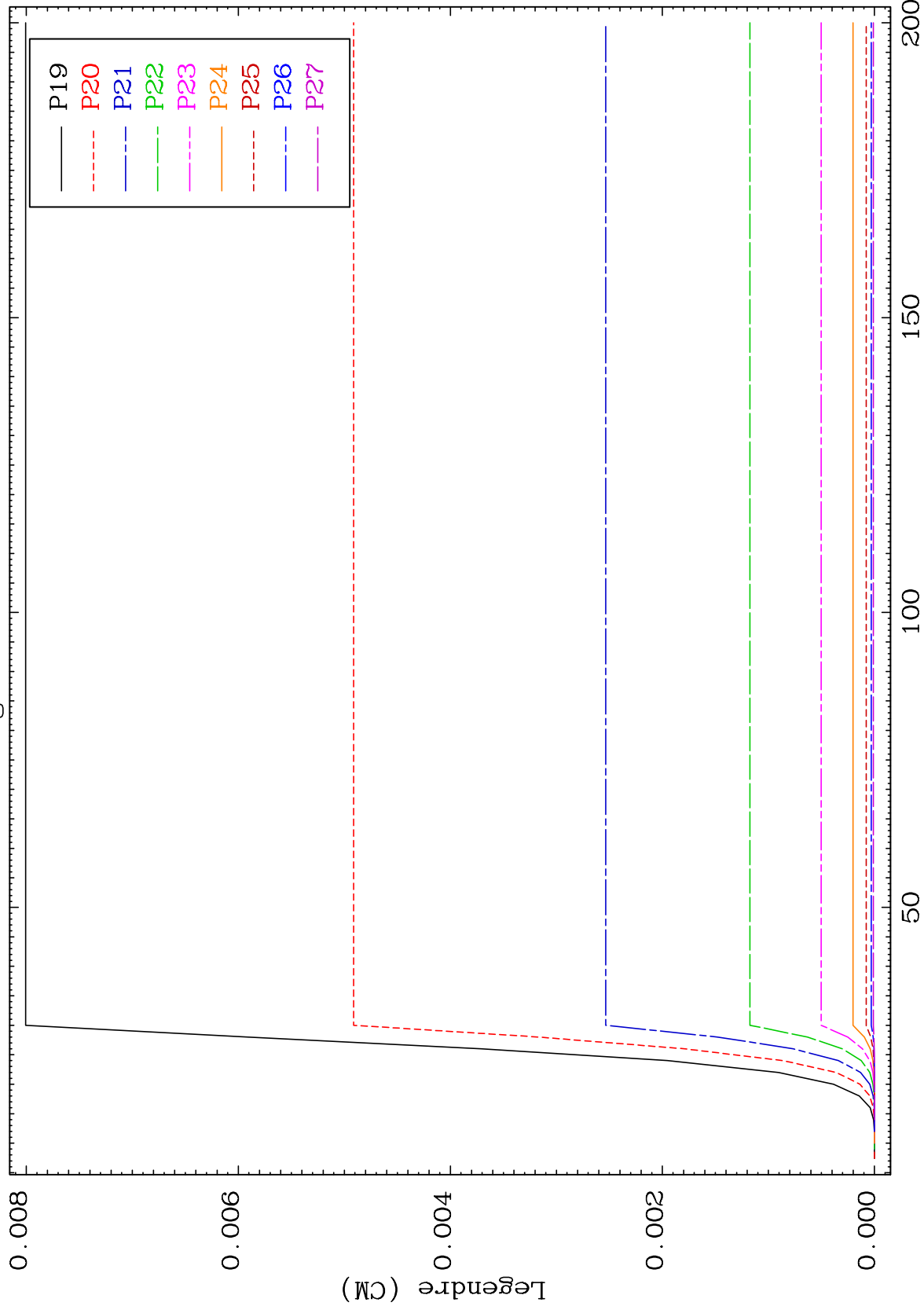
53-I -131



112

Incident Energy (MeV)

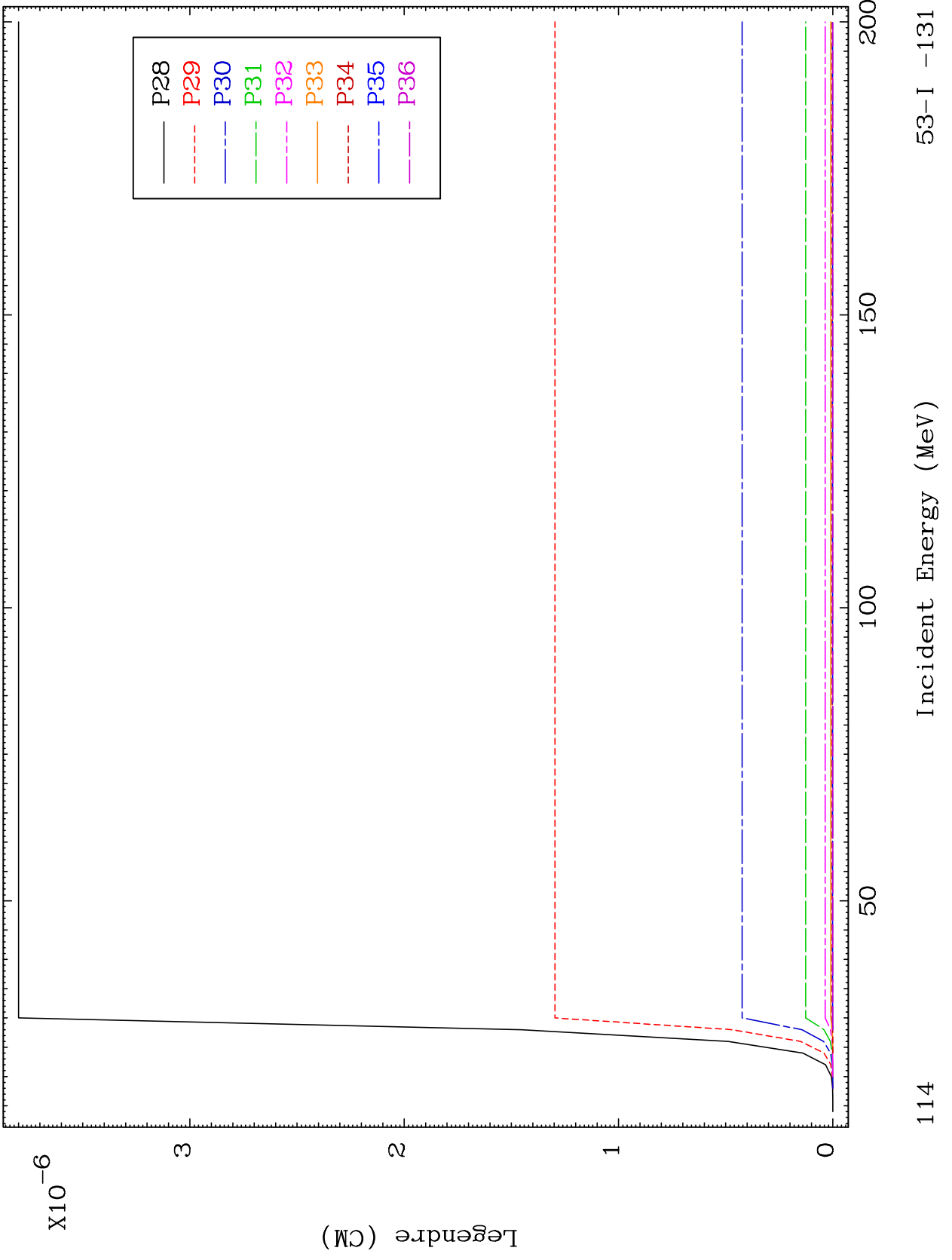
53-I -131



MAT 5337

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

53-I -131



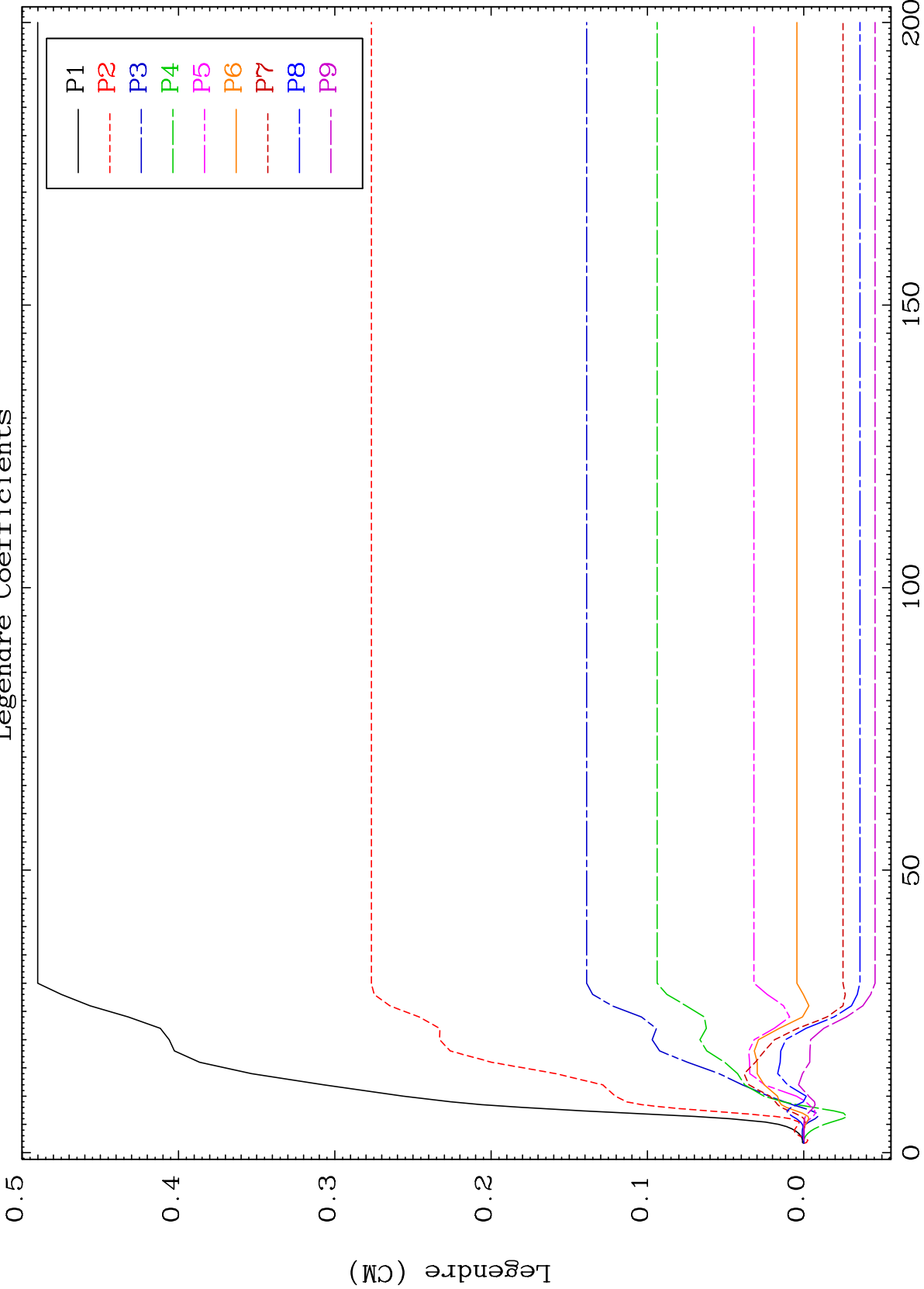
114

MAT 5337

MT= 75 (n,n') Level

53-I -131

Legendre Coefficients



115

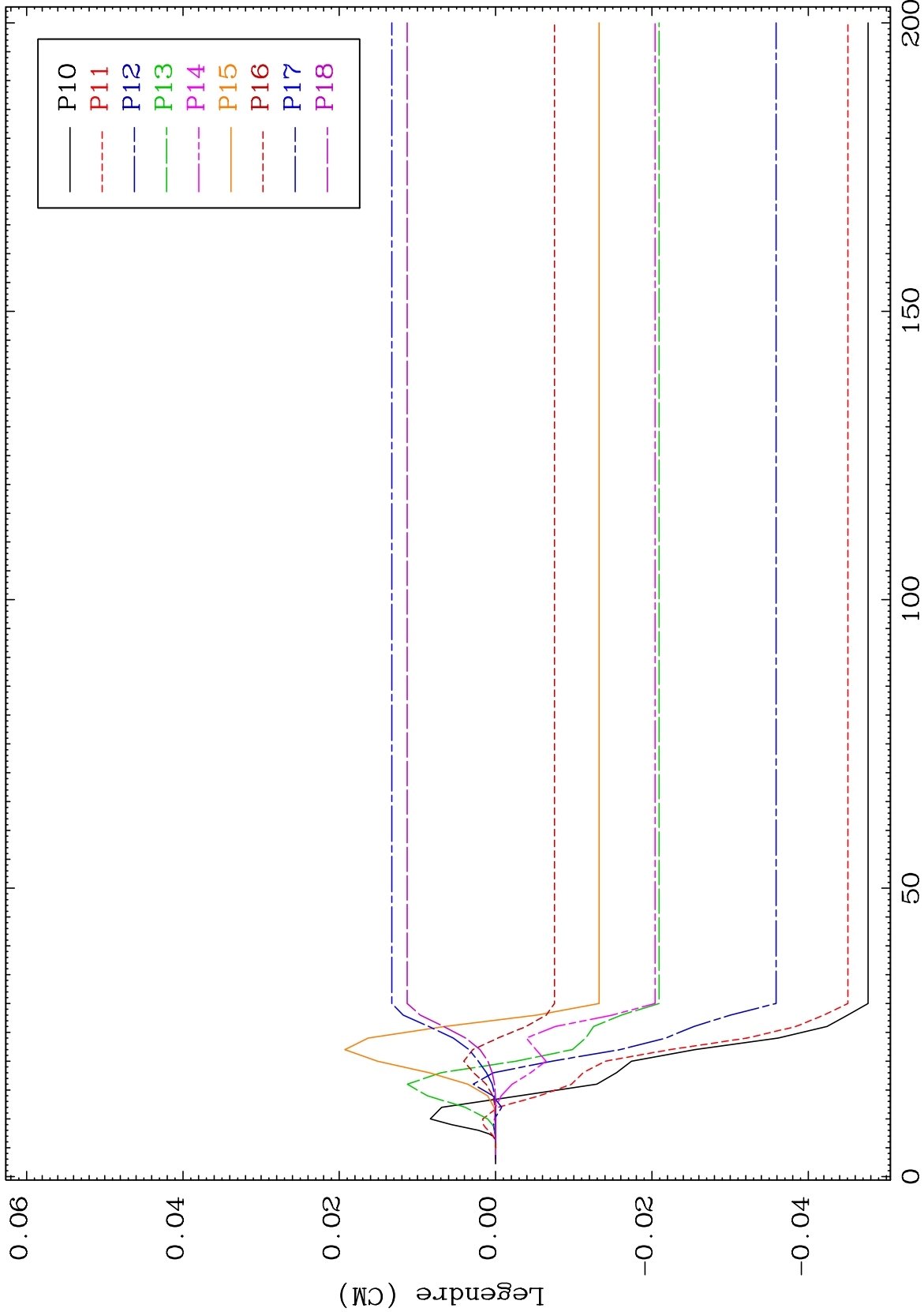
Incident Energy (MeV)

53-I -131

MAT 5337

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

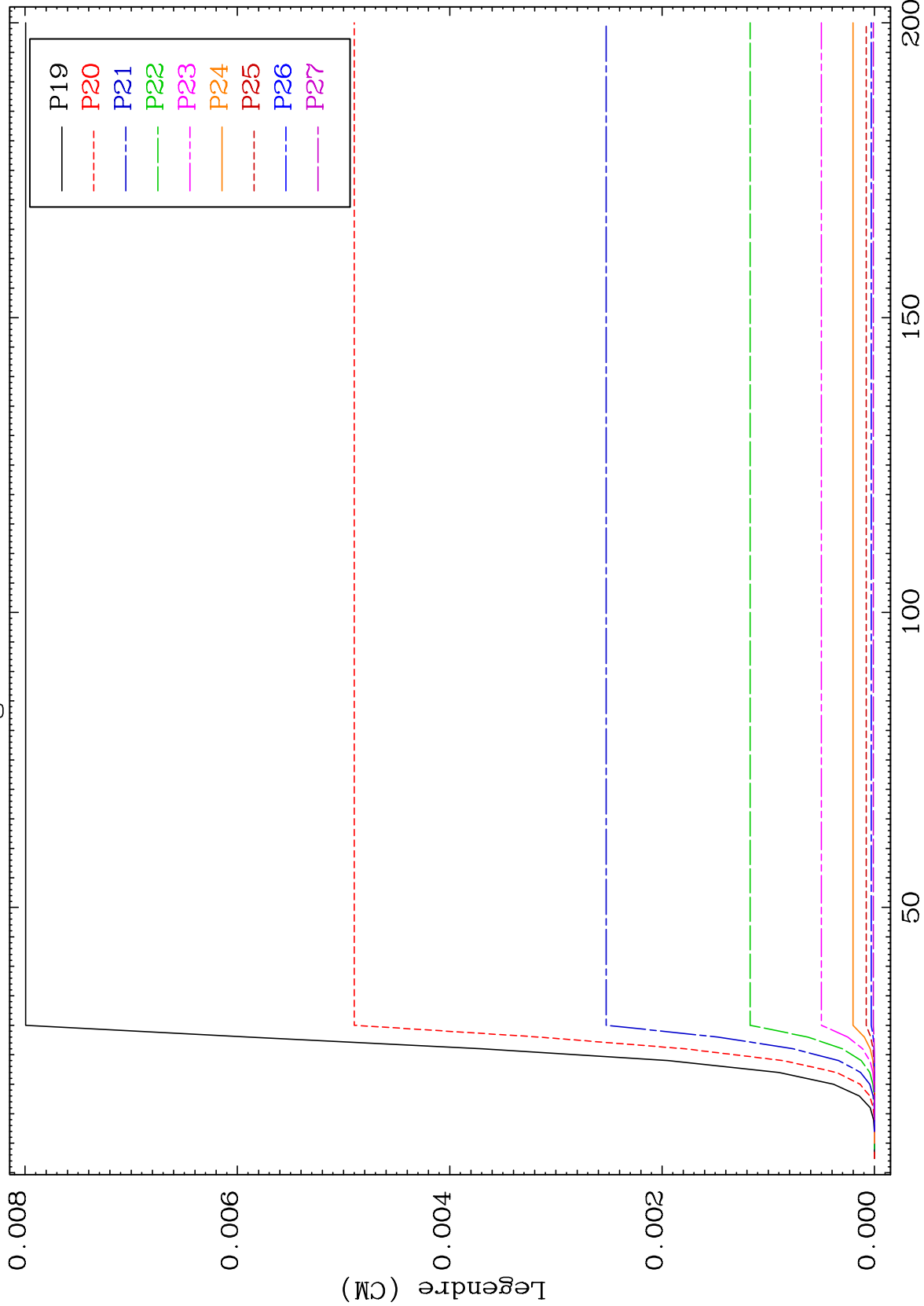
53-I -131



116

Incident Energy (MeV)

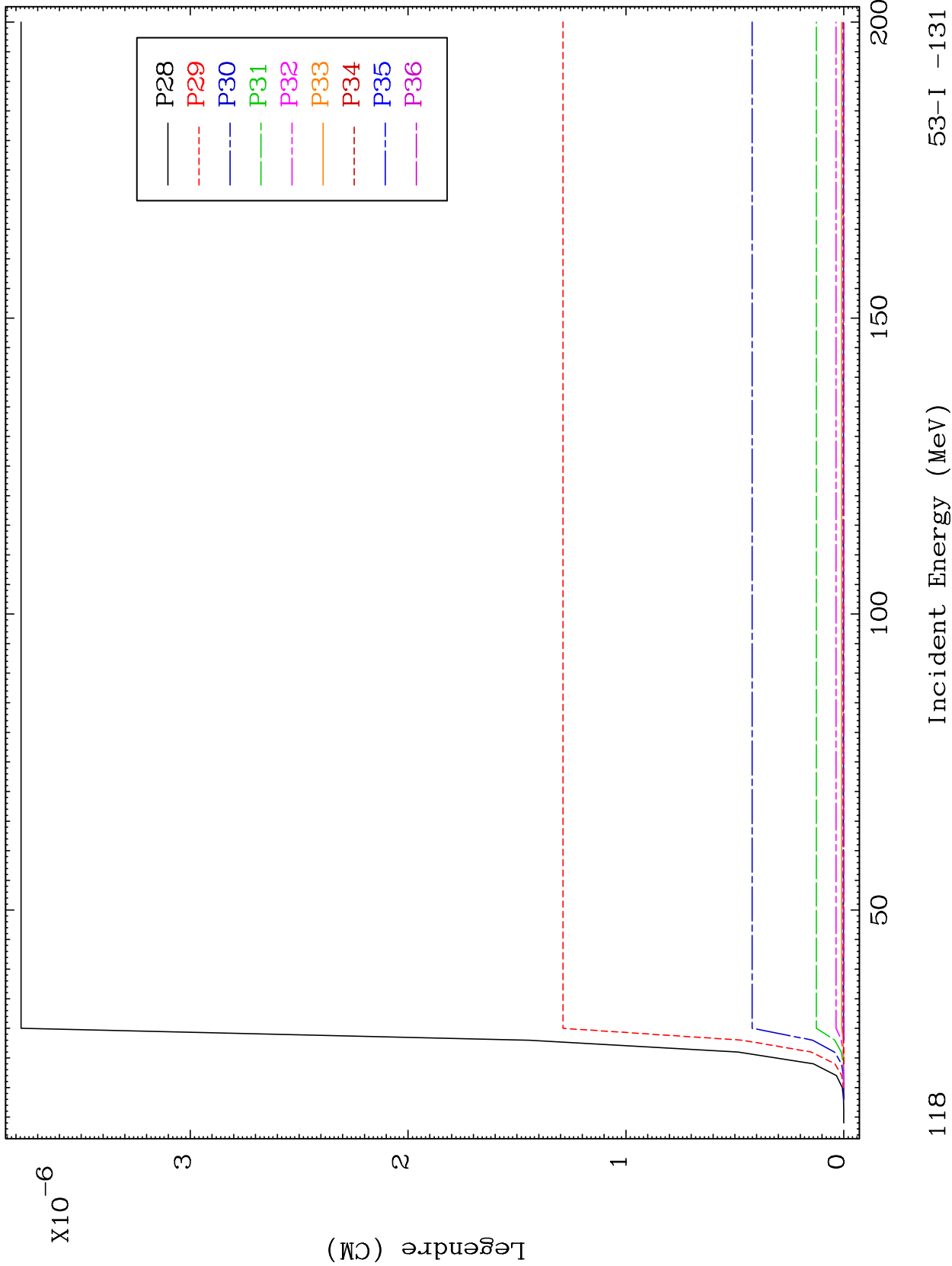
53-I -131



MAT 5337

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

53-I -131

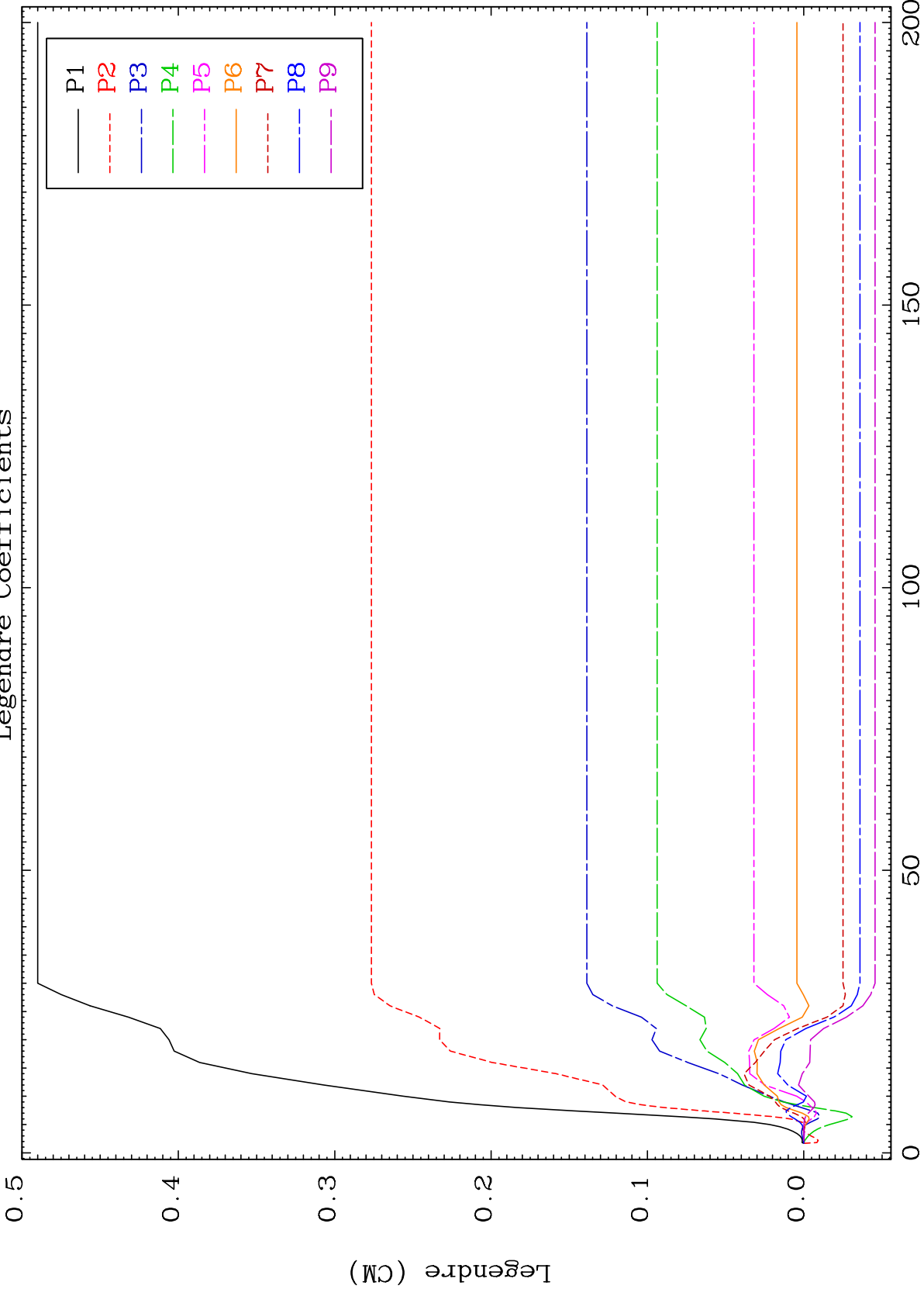


MAT 5337

MT= 76 (n,n') Level

53-I -131

Legendre Coefficients



119

Incident Energy (MeV)

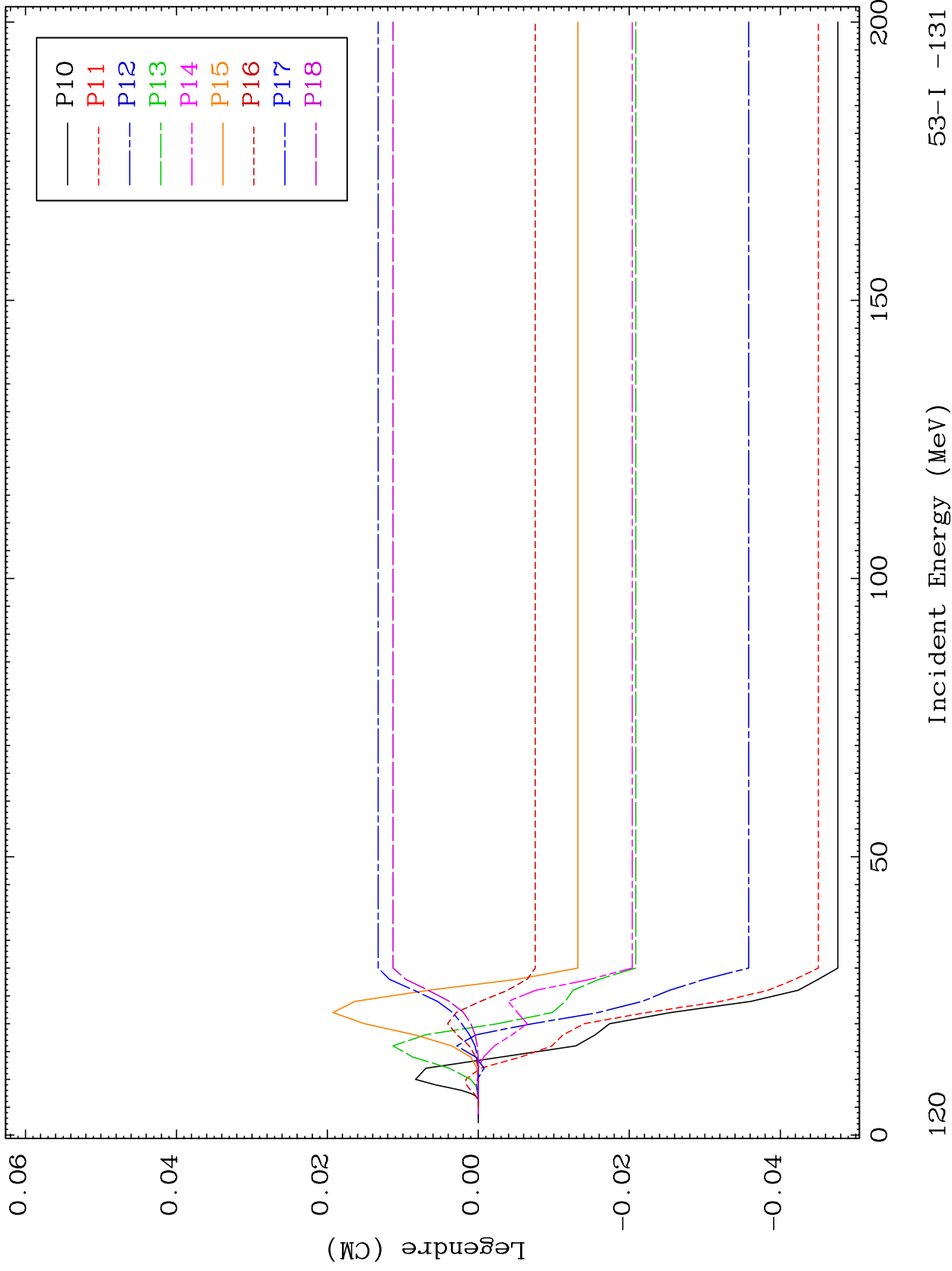
53-I -131



MAT 5337

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

53-I -131



120

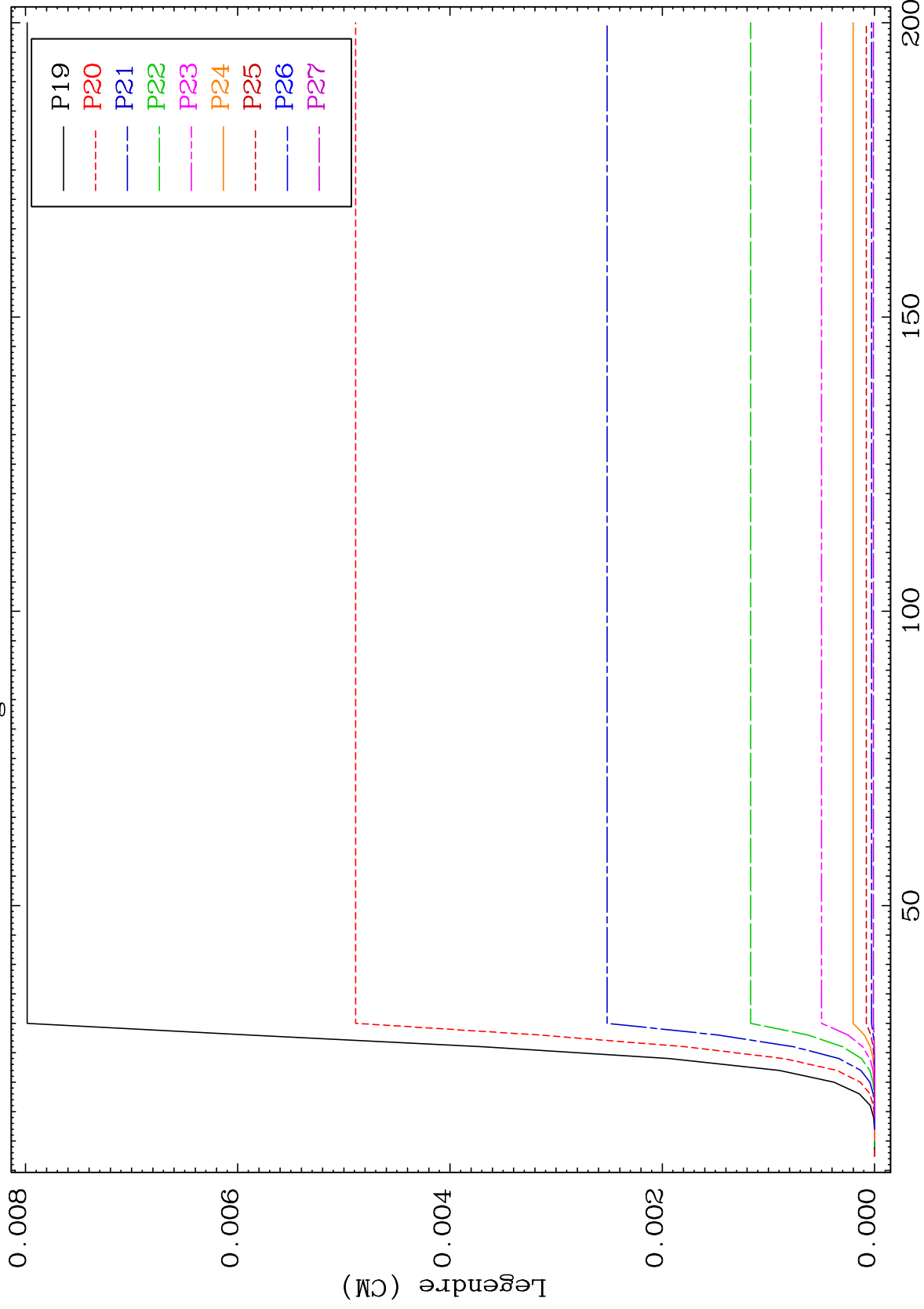
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



121

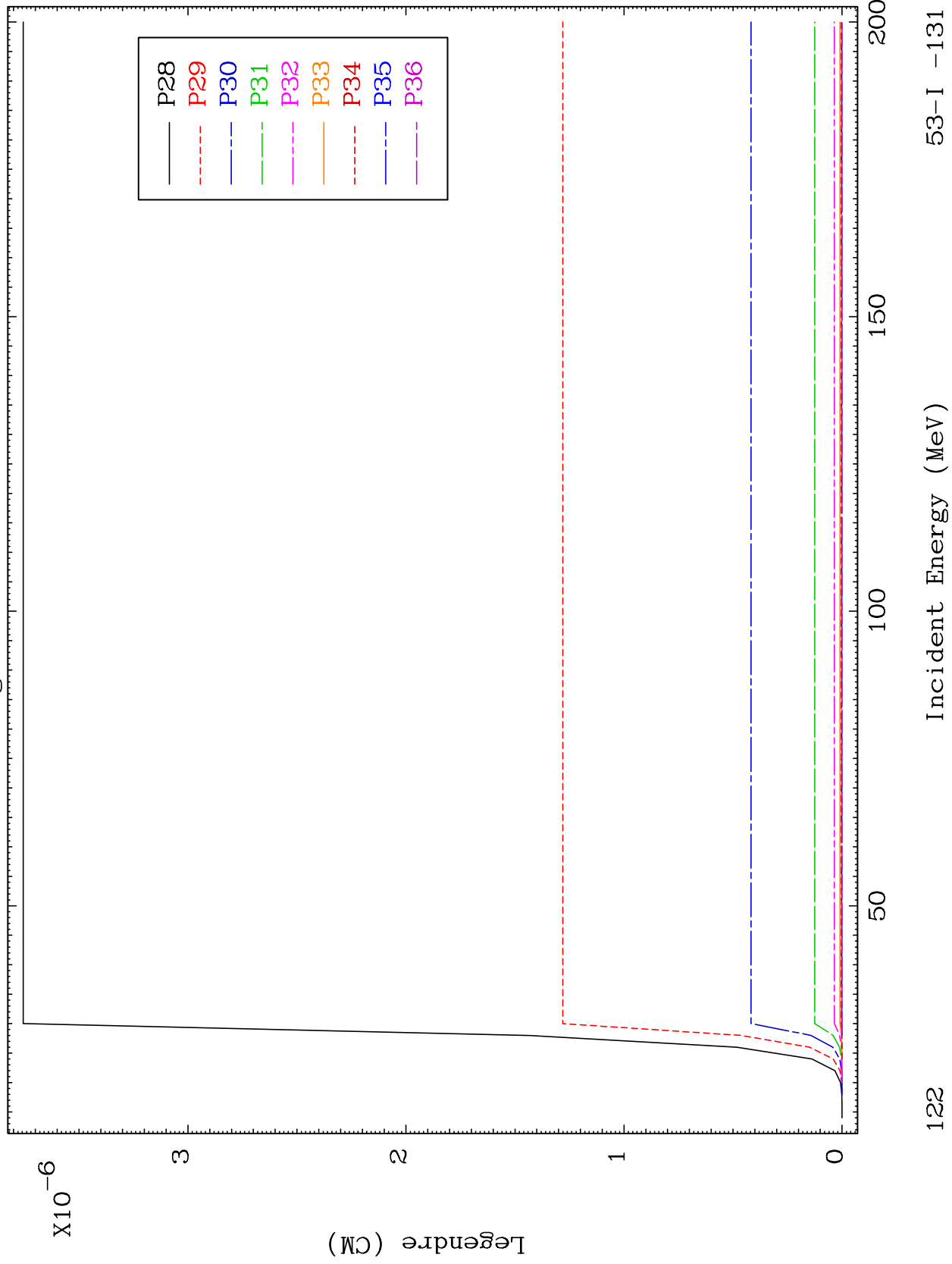
Incident Energy (MeV)

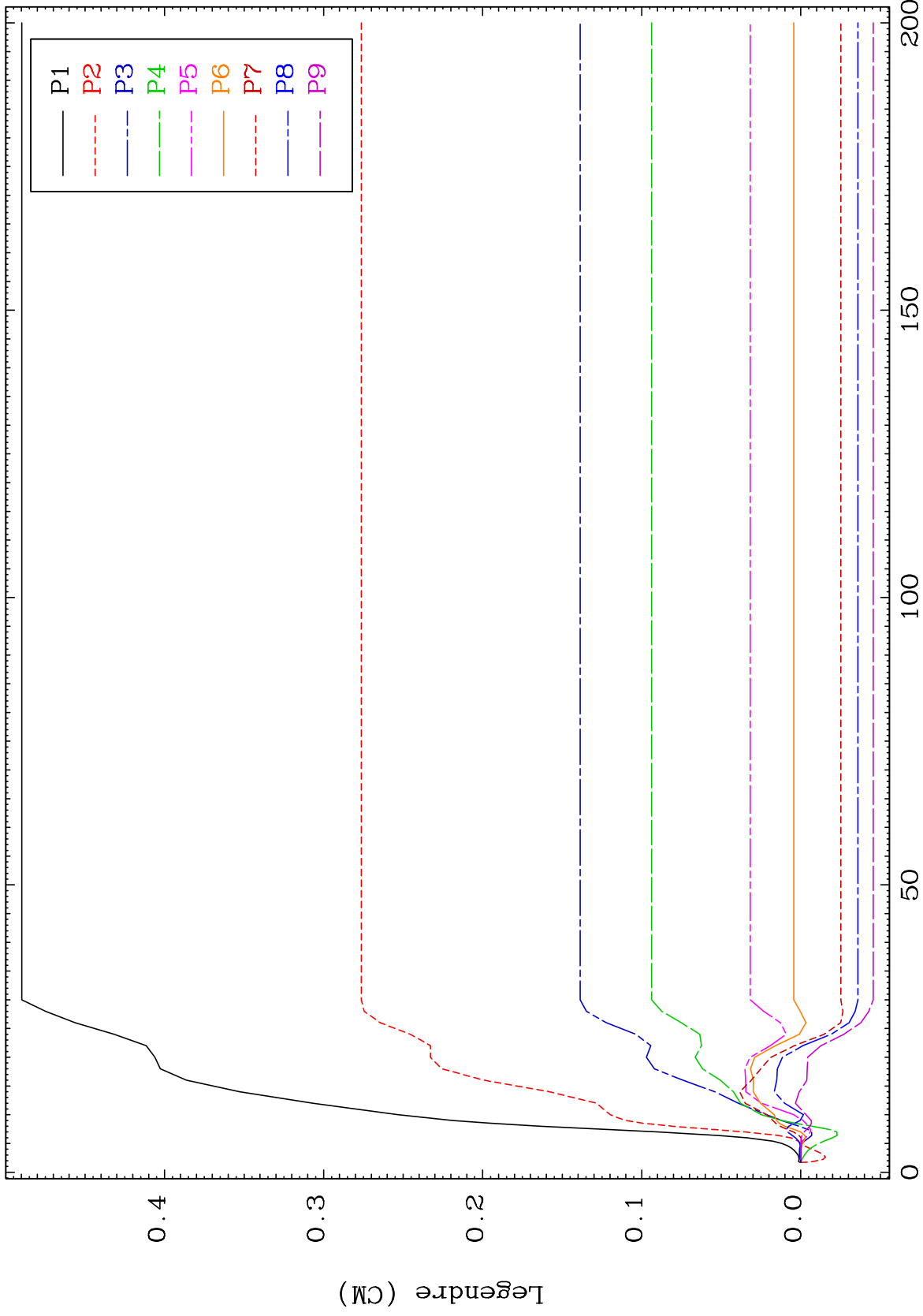
53-I -131

MAT 5337

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

53-I -131

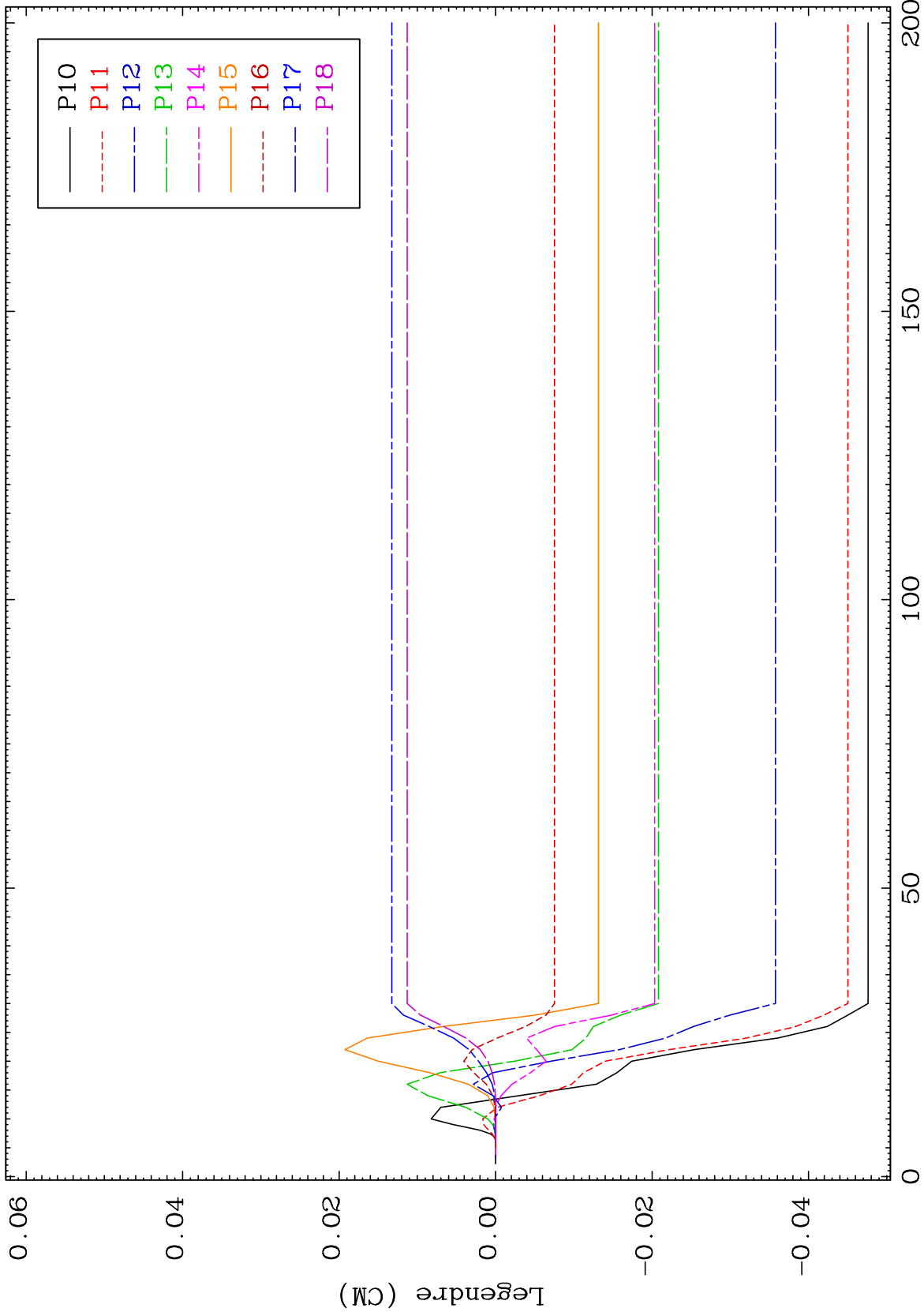




MAT 5337

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

53-I -131



124

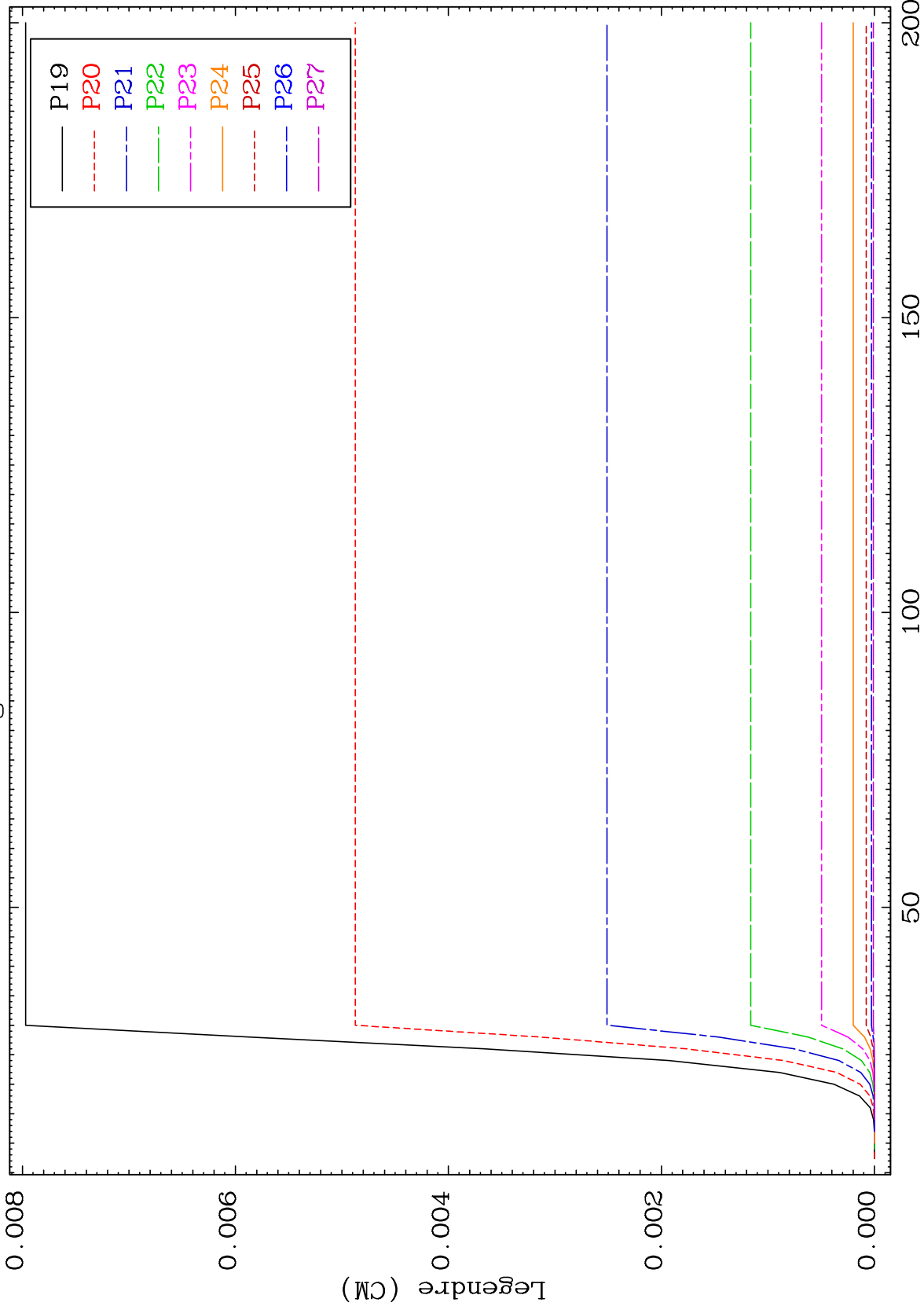
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



125

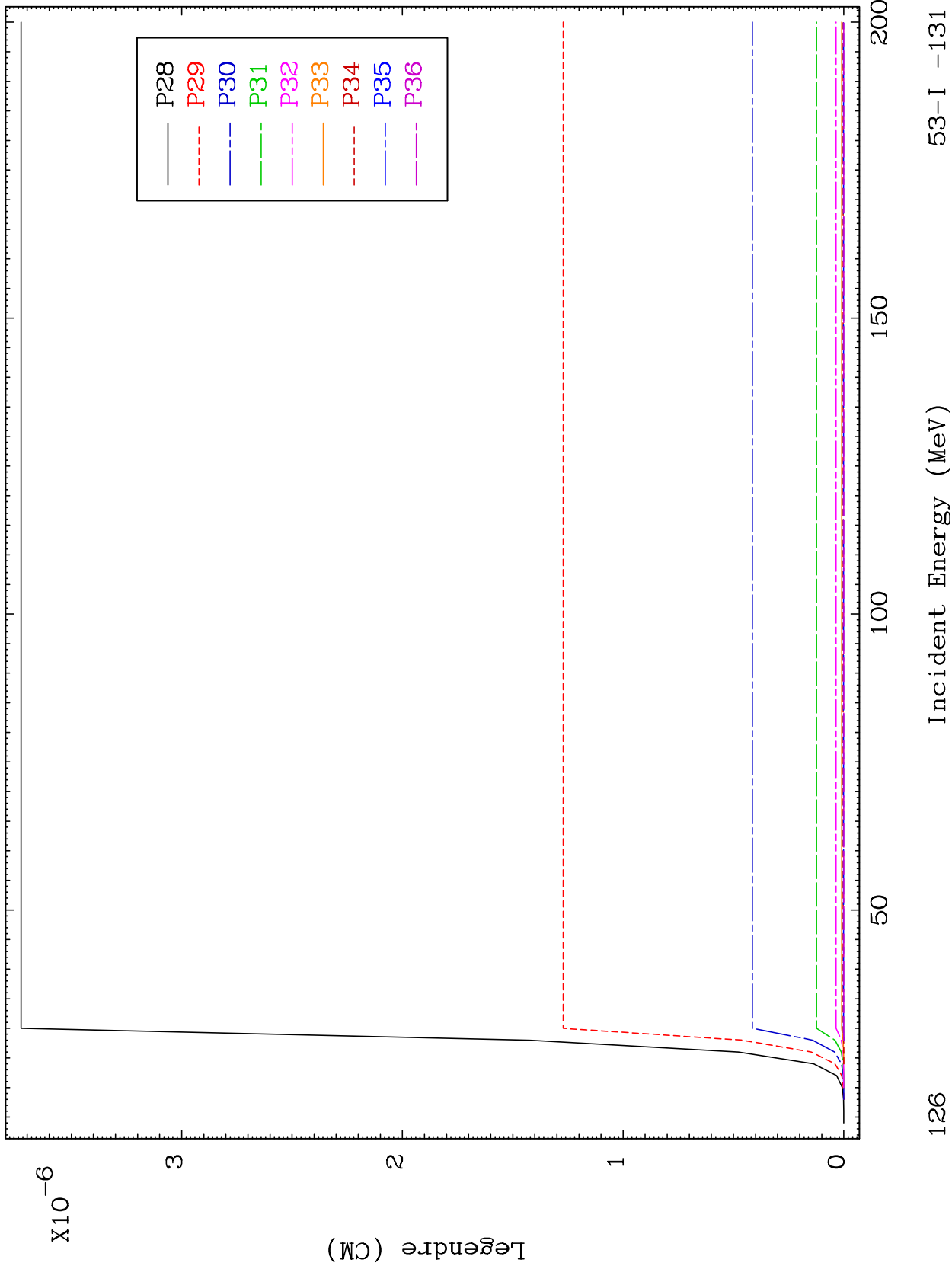
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131



126

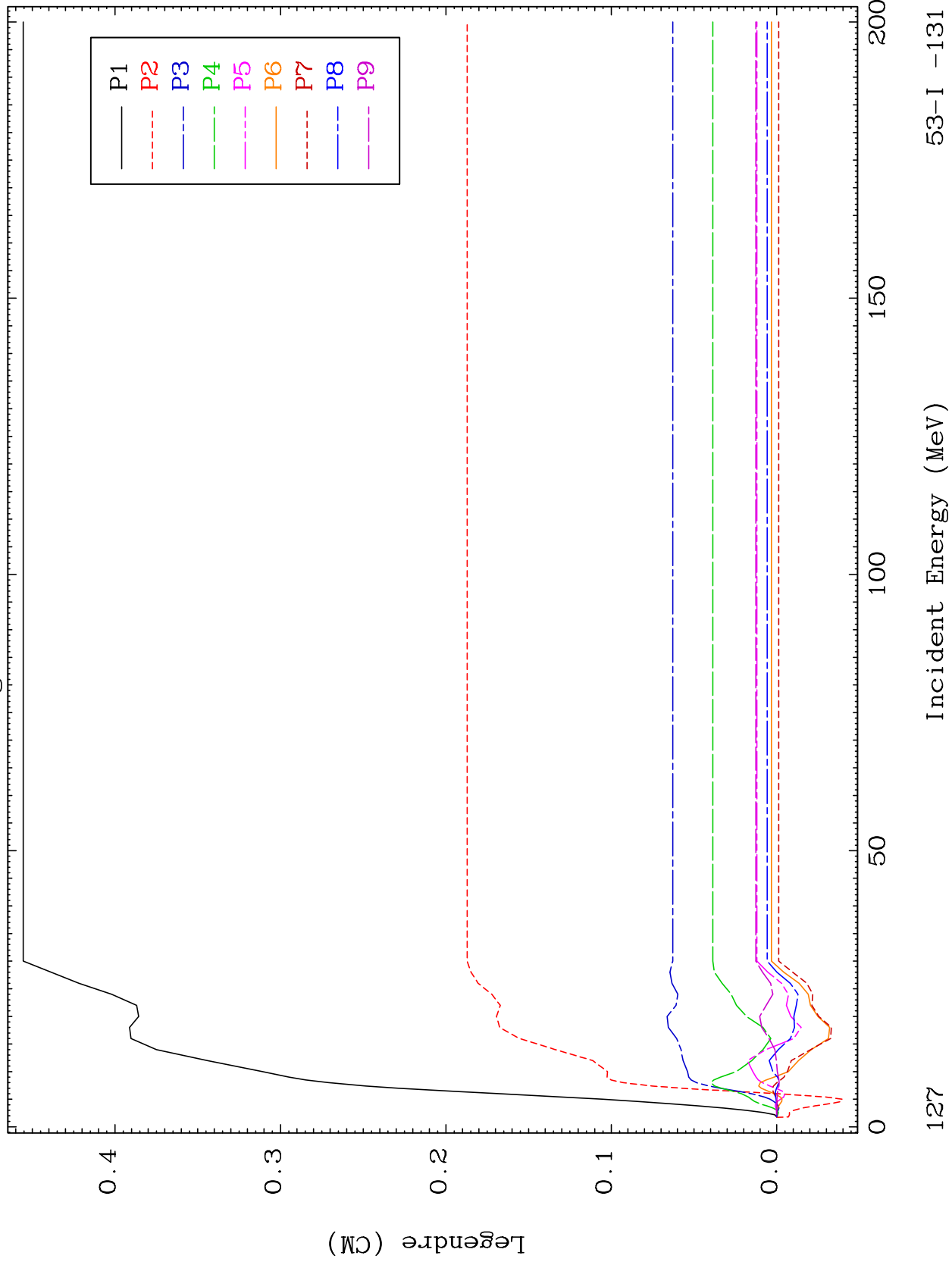
Incident Energy (MeV)

53-I -131

MAT 5337

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

53-I -131

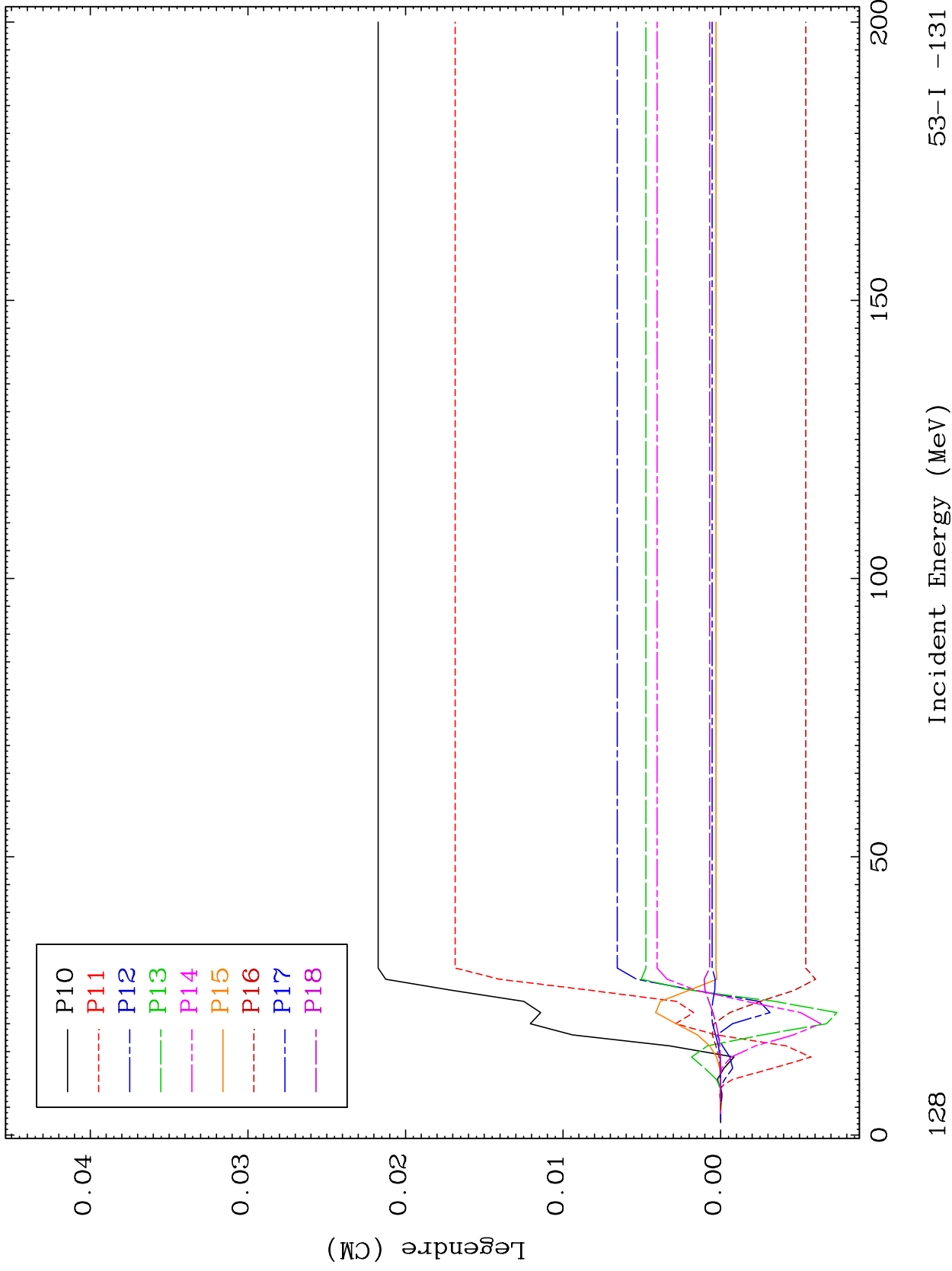


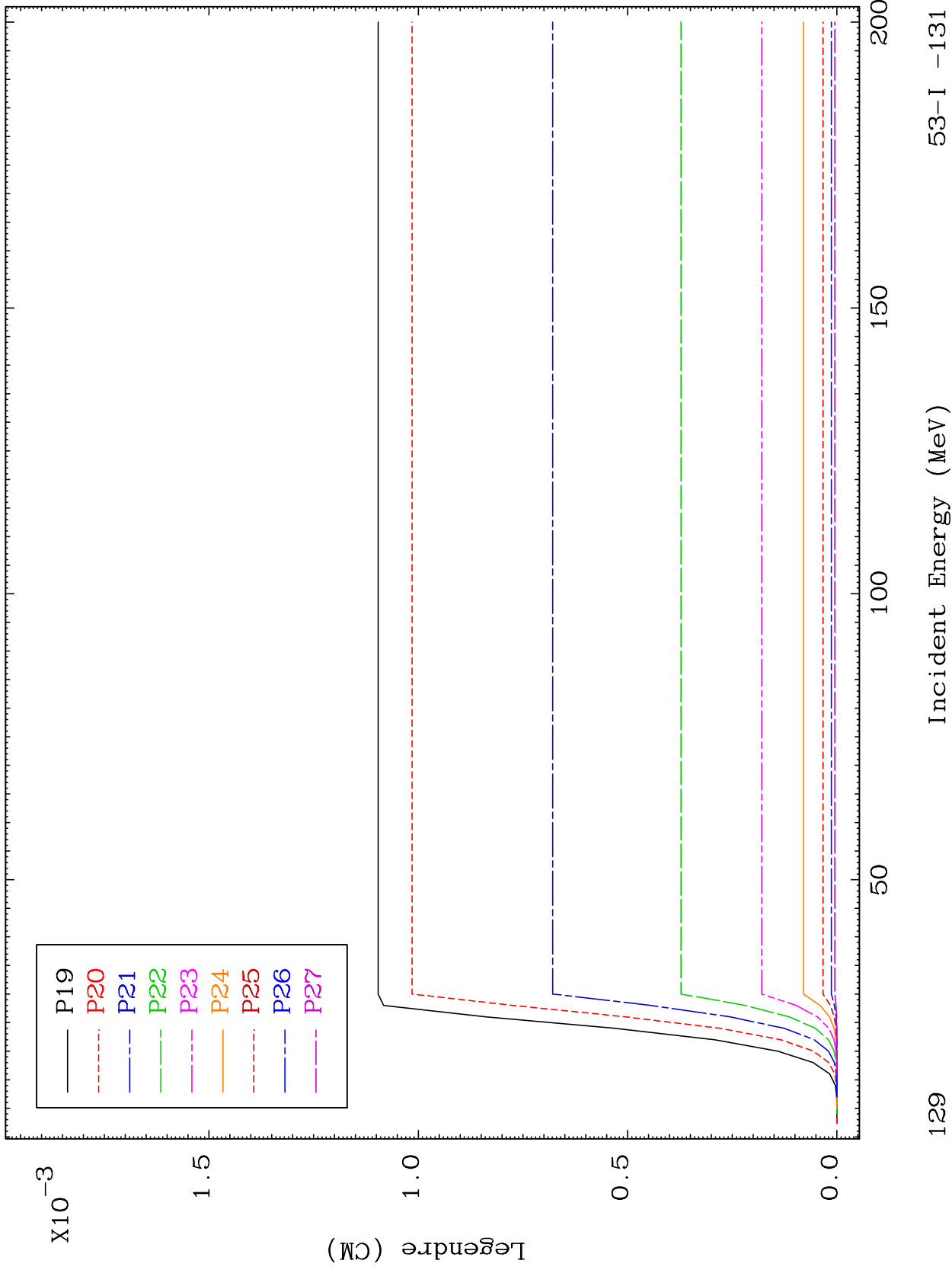
53-I -131

Incident Energy (MeV)

127



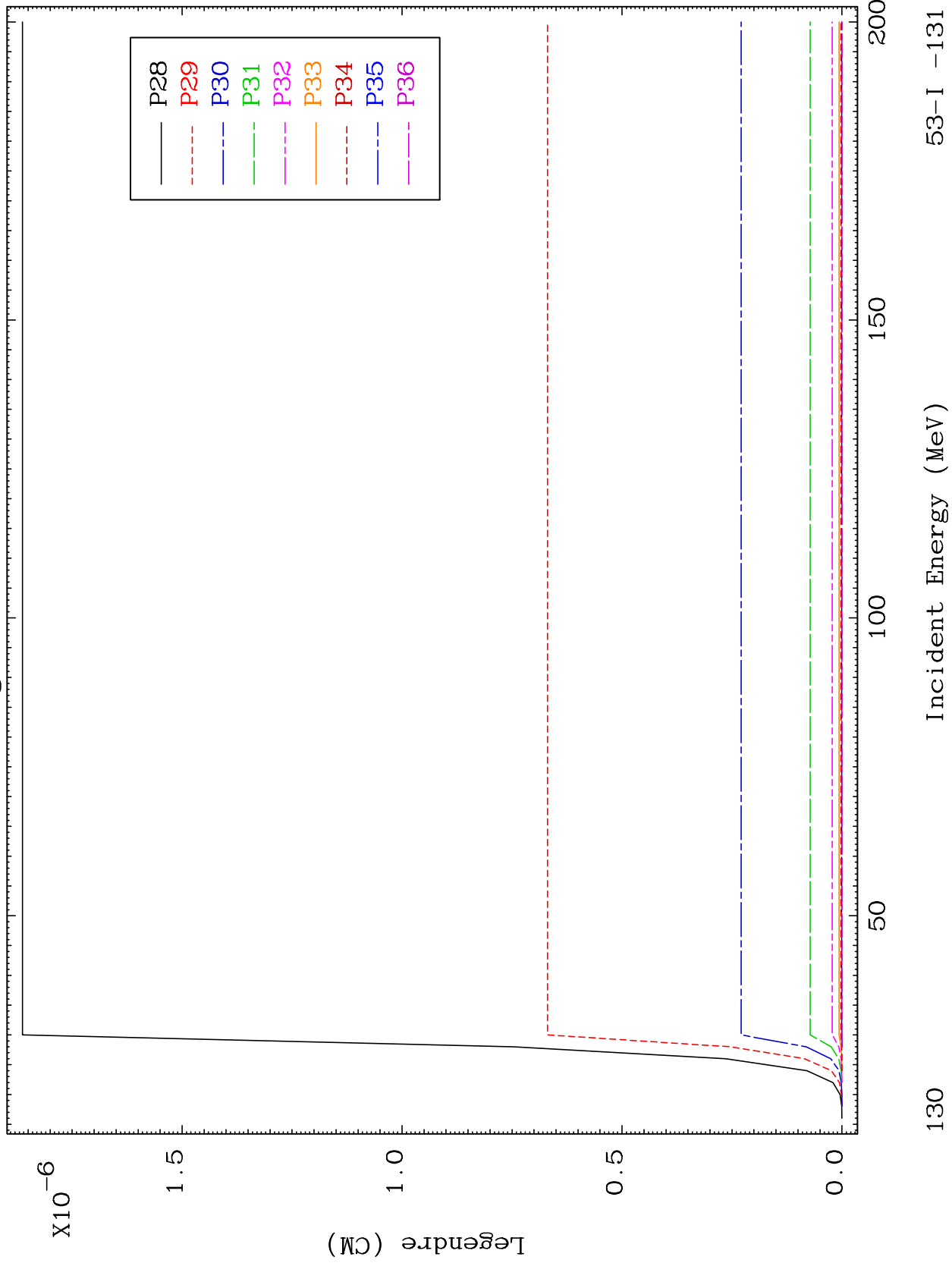




MAT 5337

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

53-I -131



53-I -131

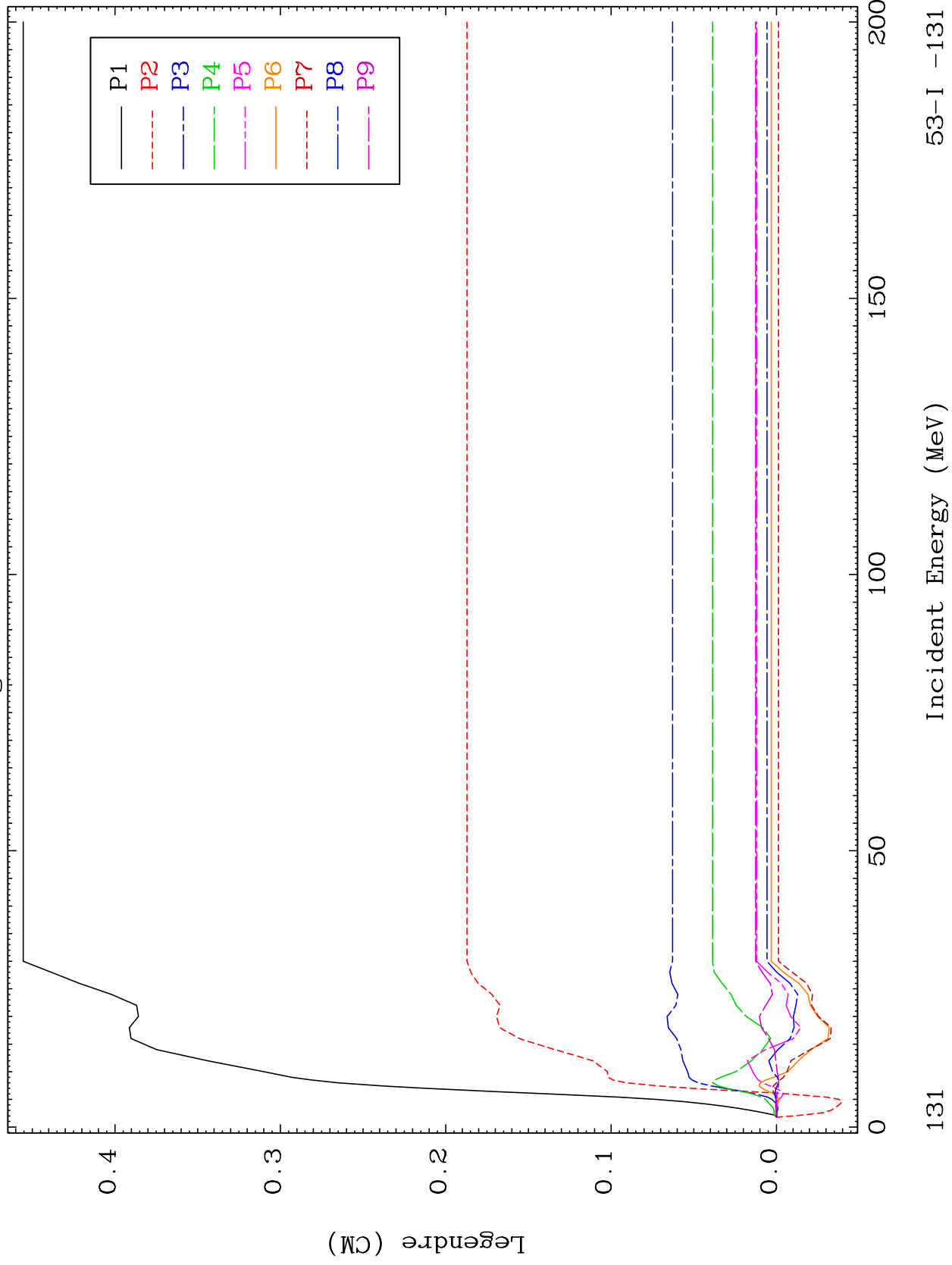
Incident Energy (MeV)

130

MAT 5337

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

53-I -131



53-I -131

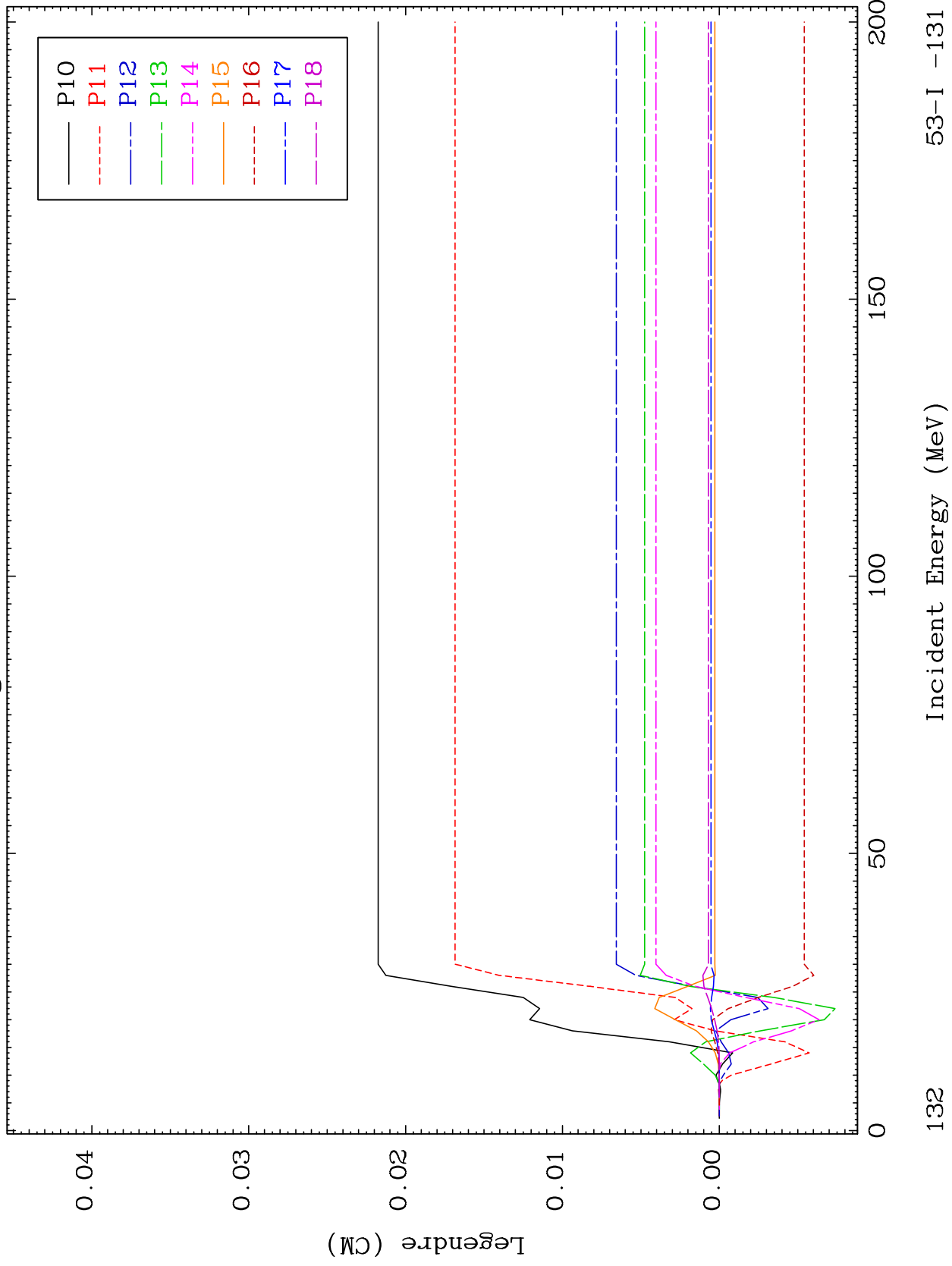
Incident Energy (MeV)

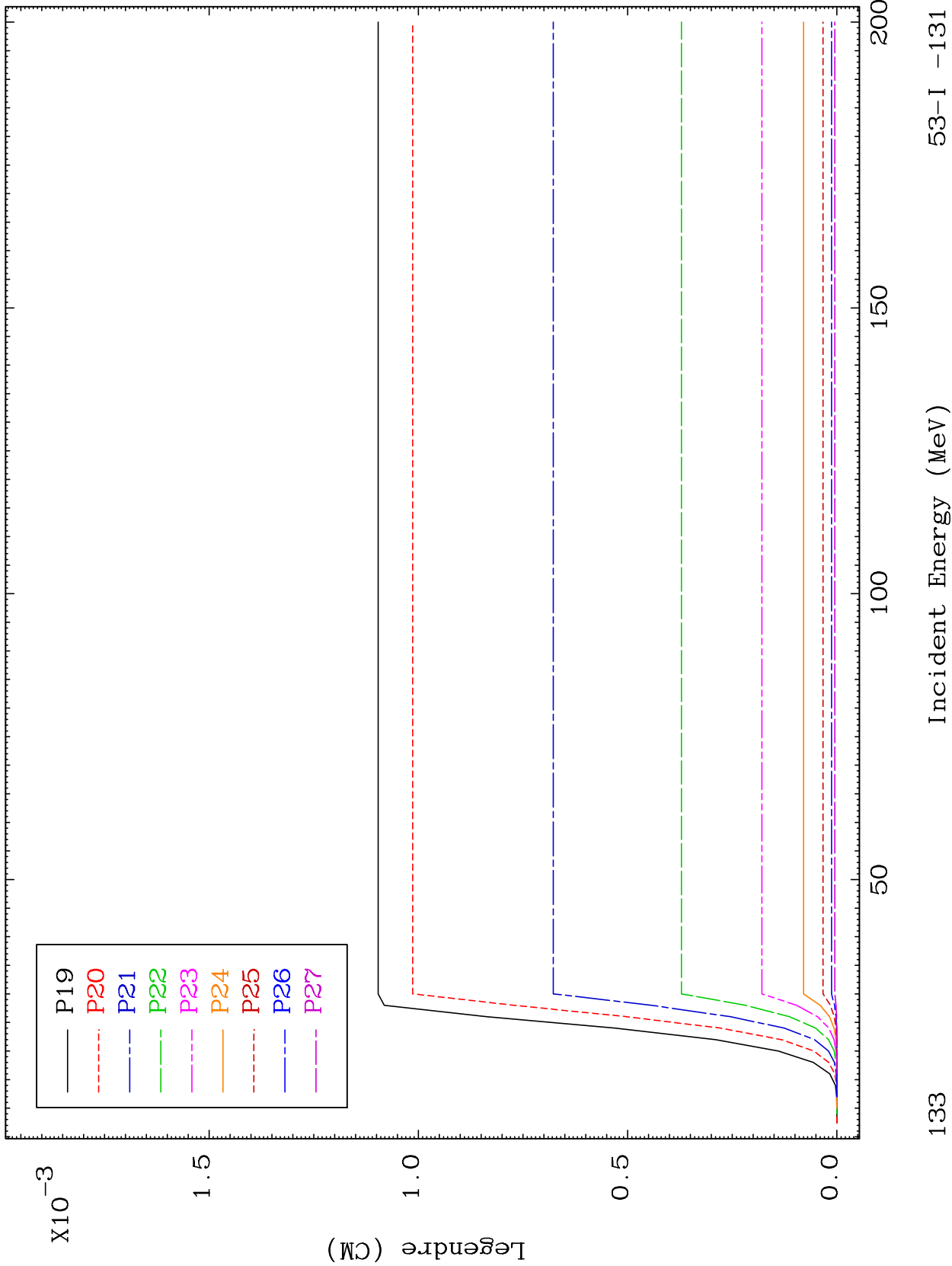
131

MAT 5337

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

53-I -131

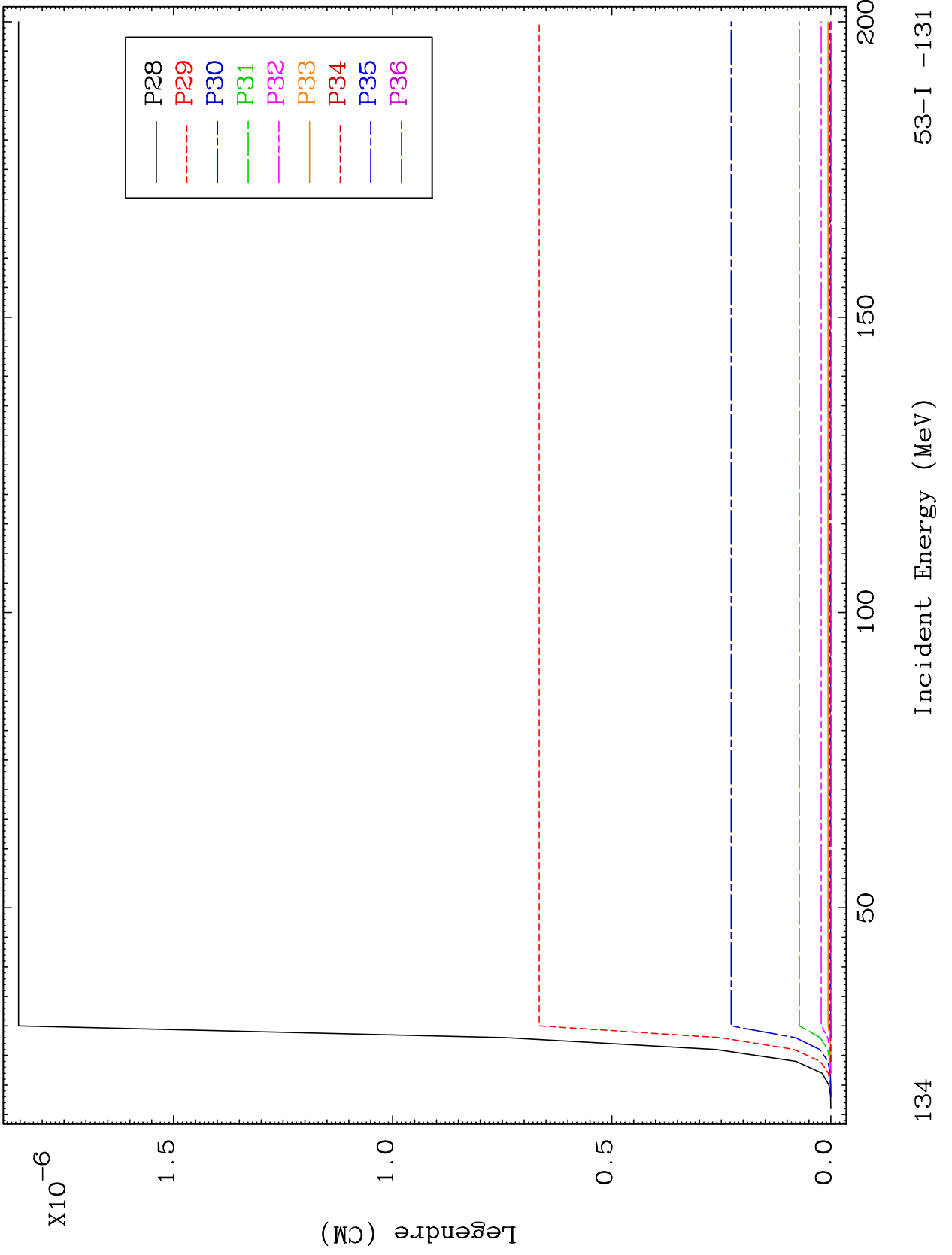




MAT 5337

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

53-I -131

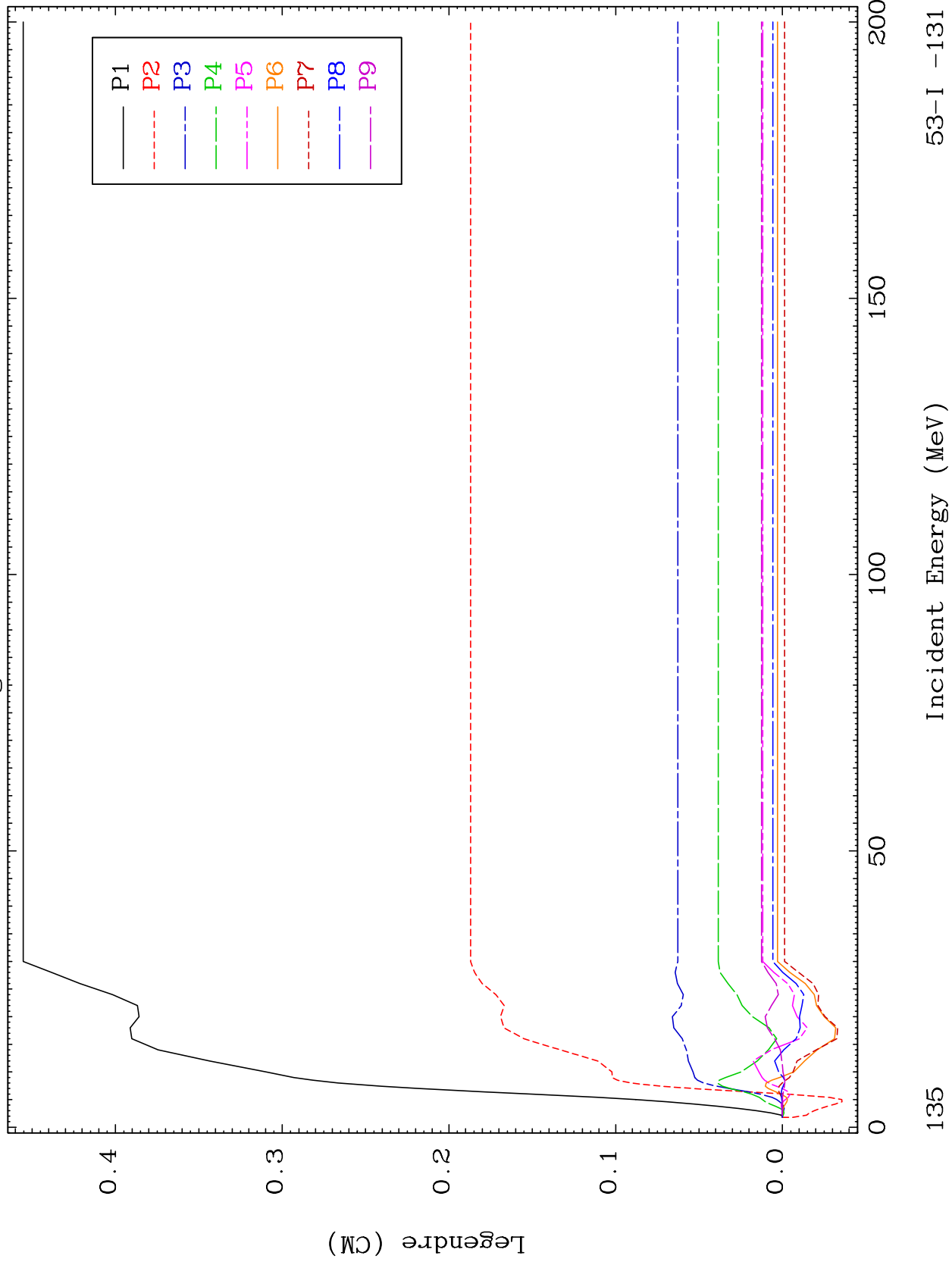


134

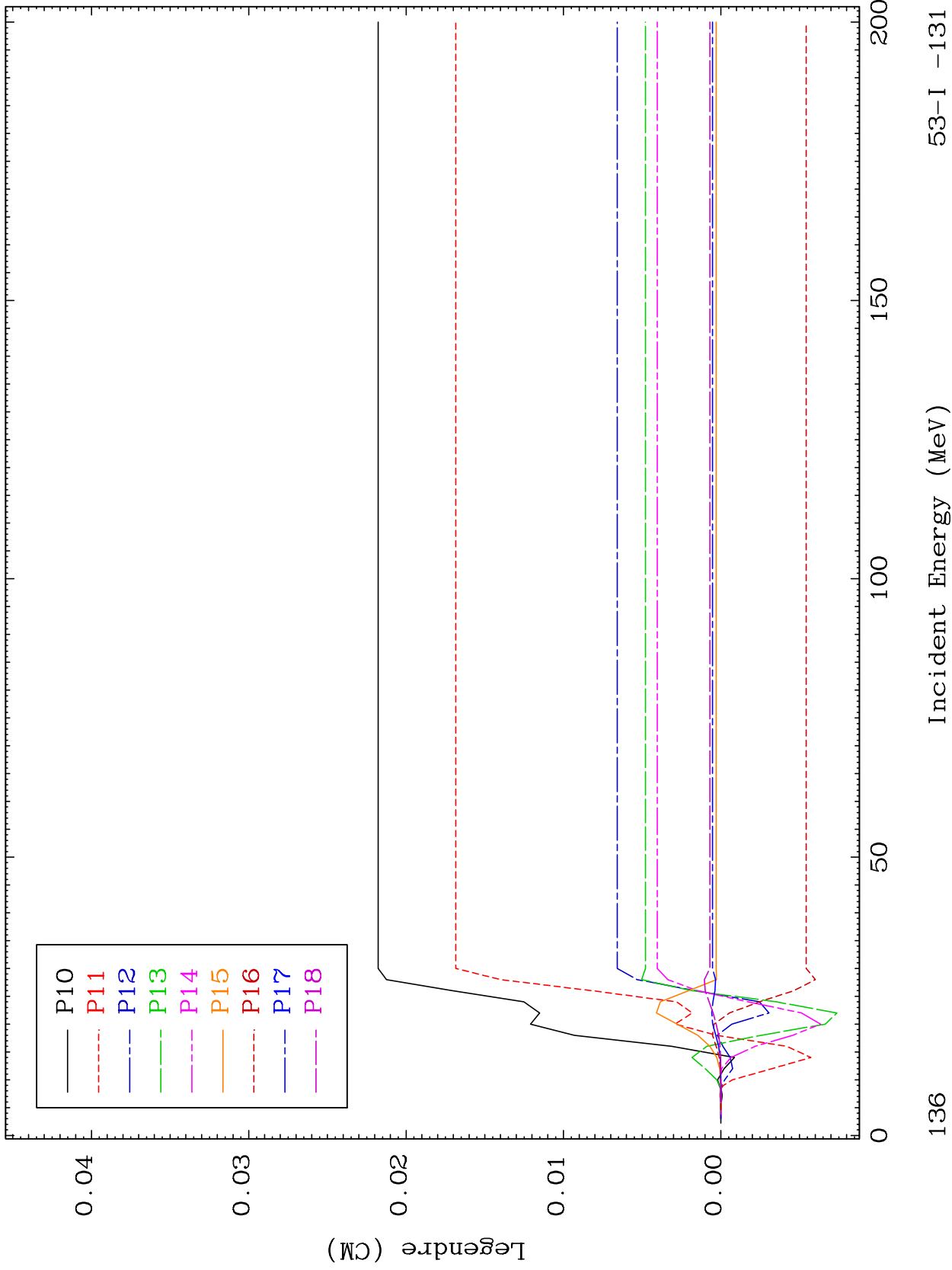
MAT 5337

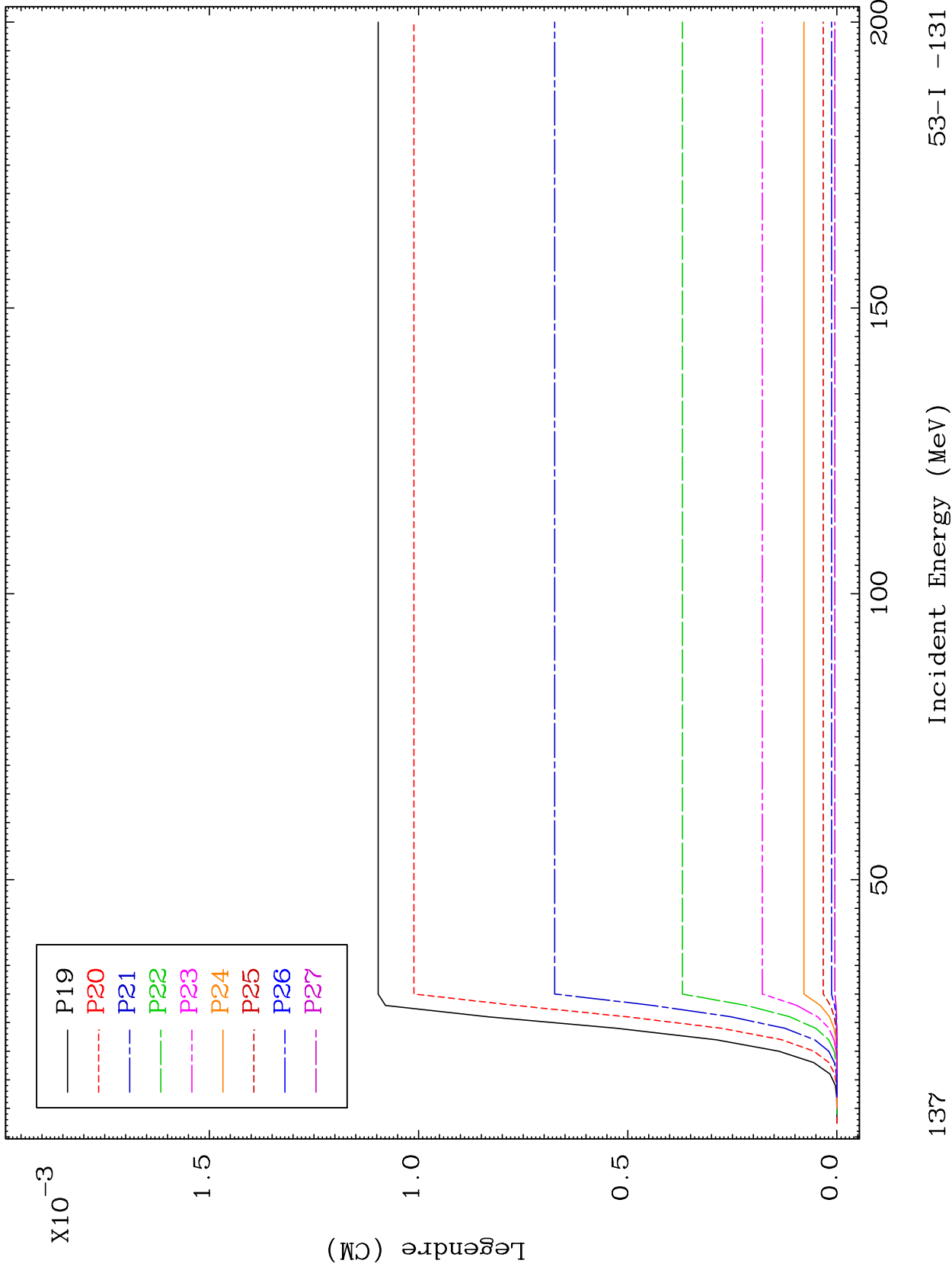
MT= 80 (n,n') Level  
Legendre Coefficients

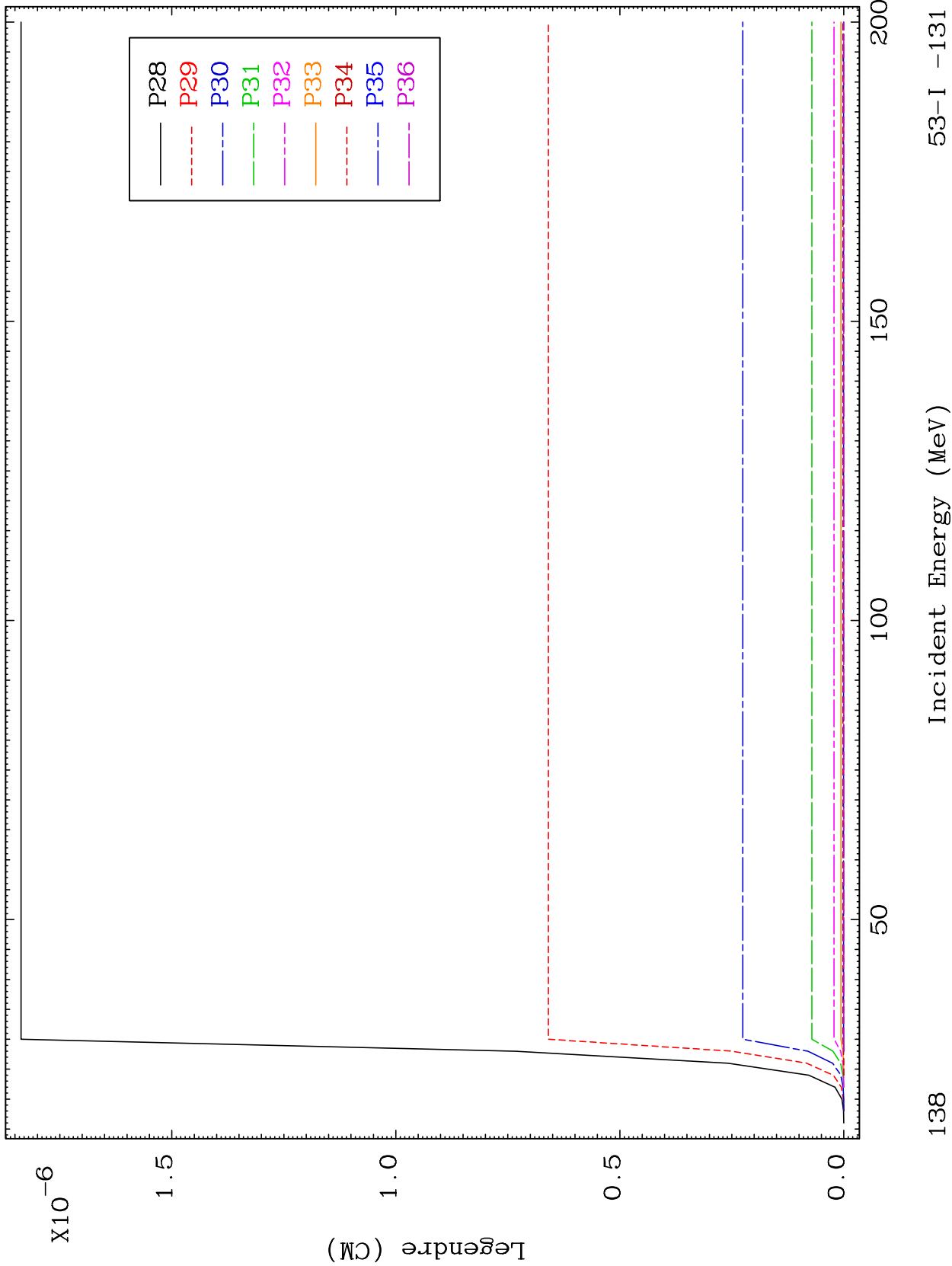
53-I -131







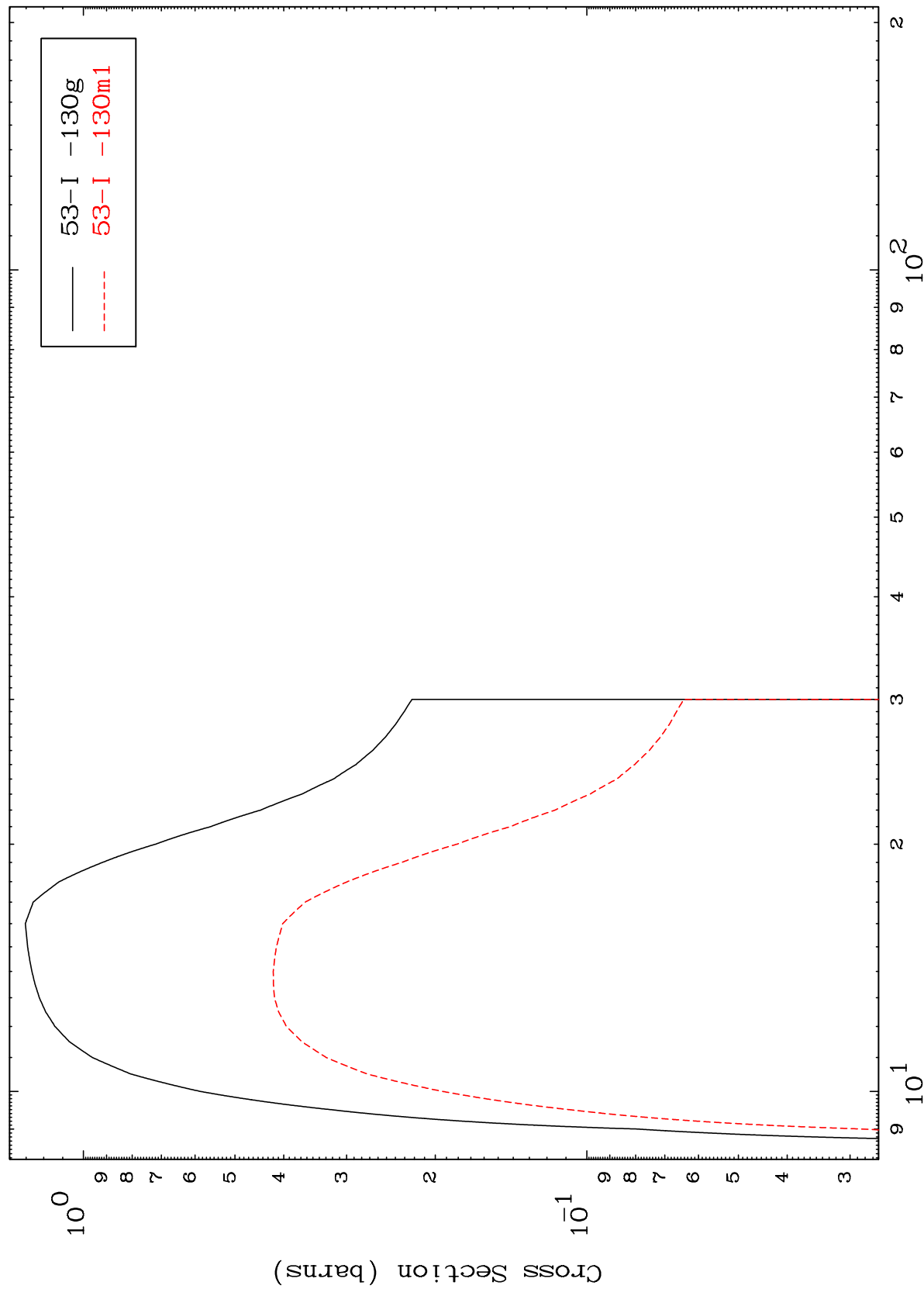




MAT 5337

53-I -131

(n,2n)  
Radionuclide Production Cross Section

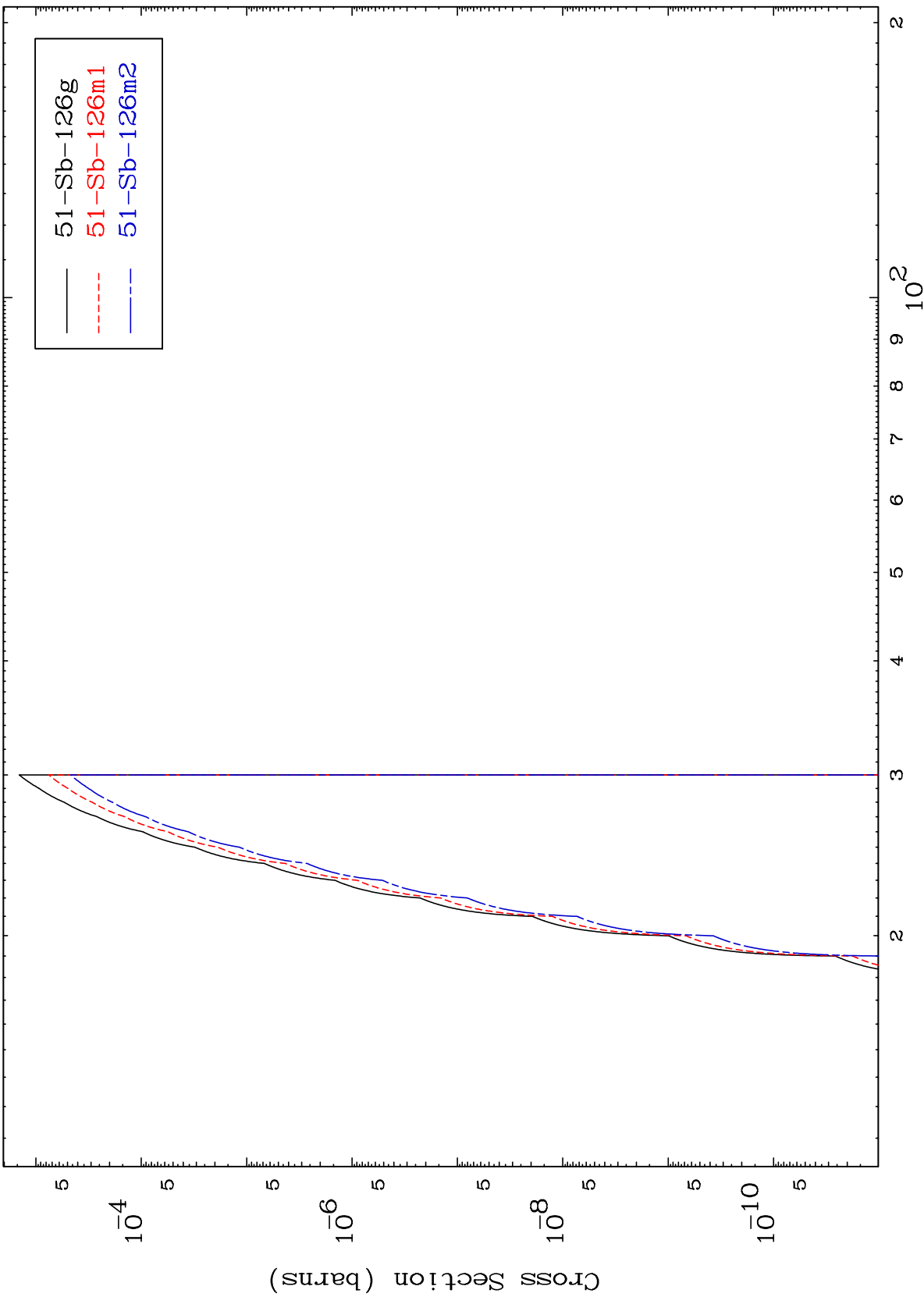


139

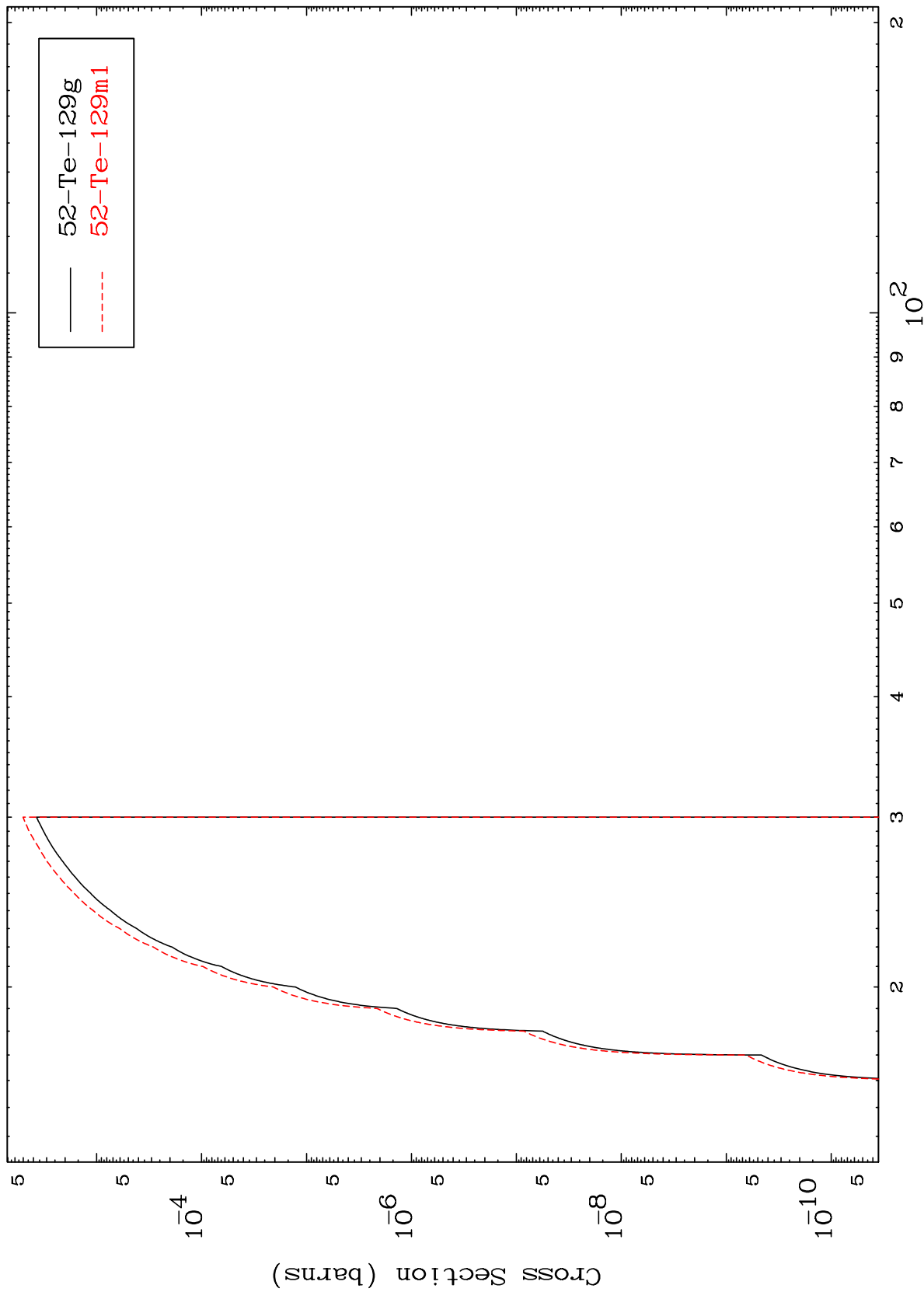
Incident Energy (MeV)

53-I -131

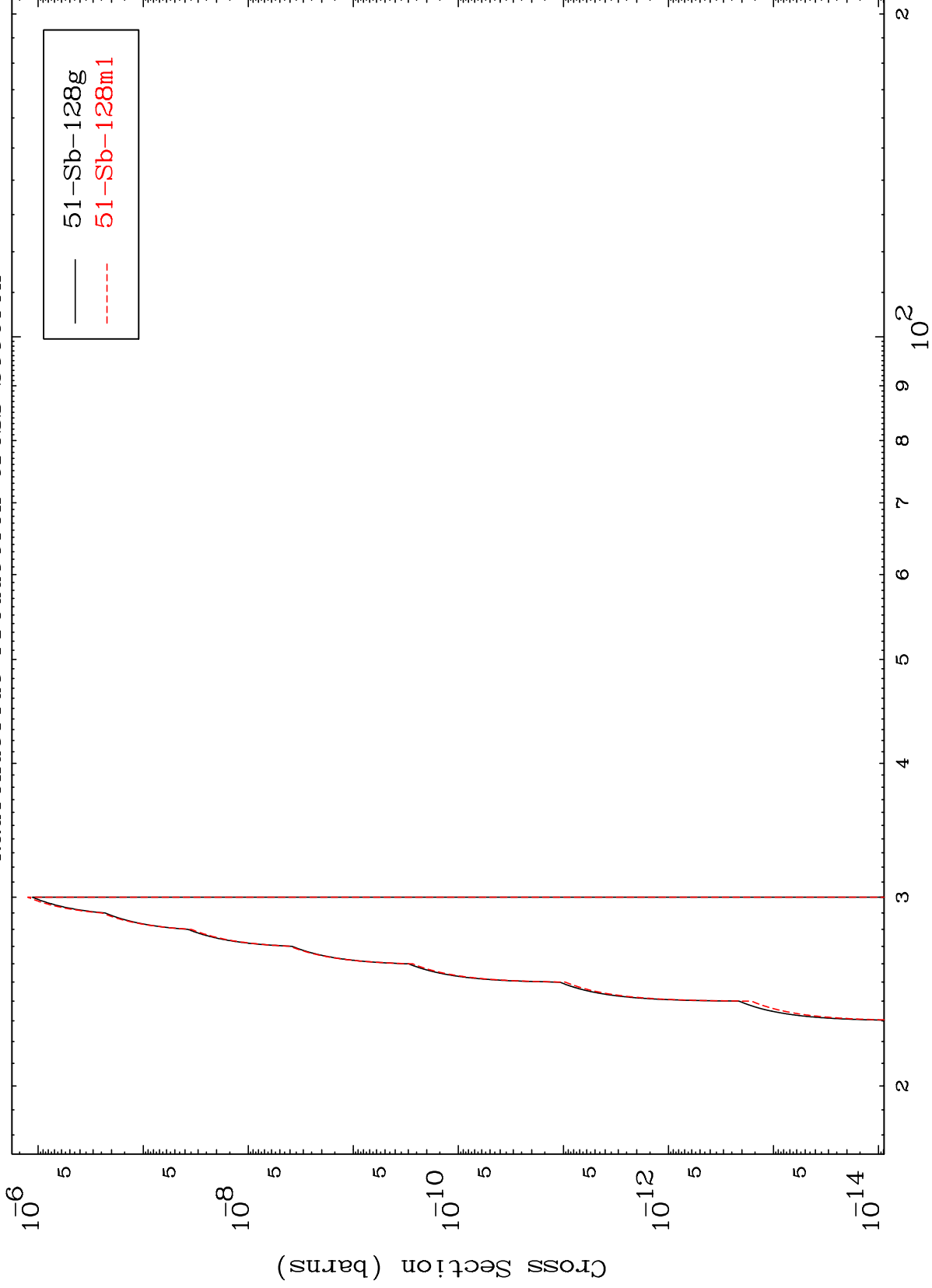
Radionuclide Production Cross Section

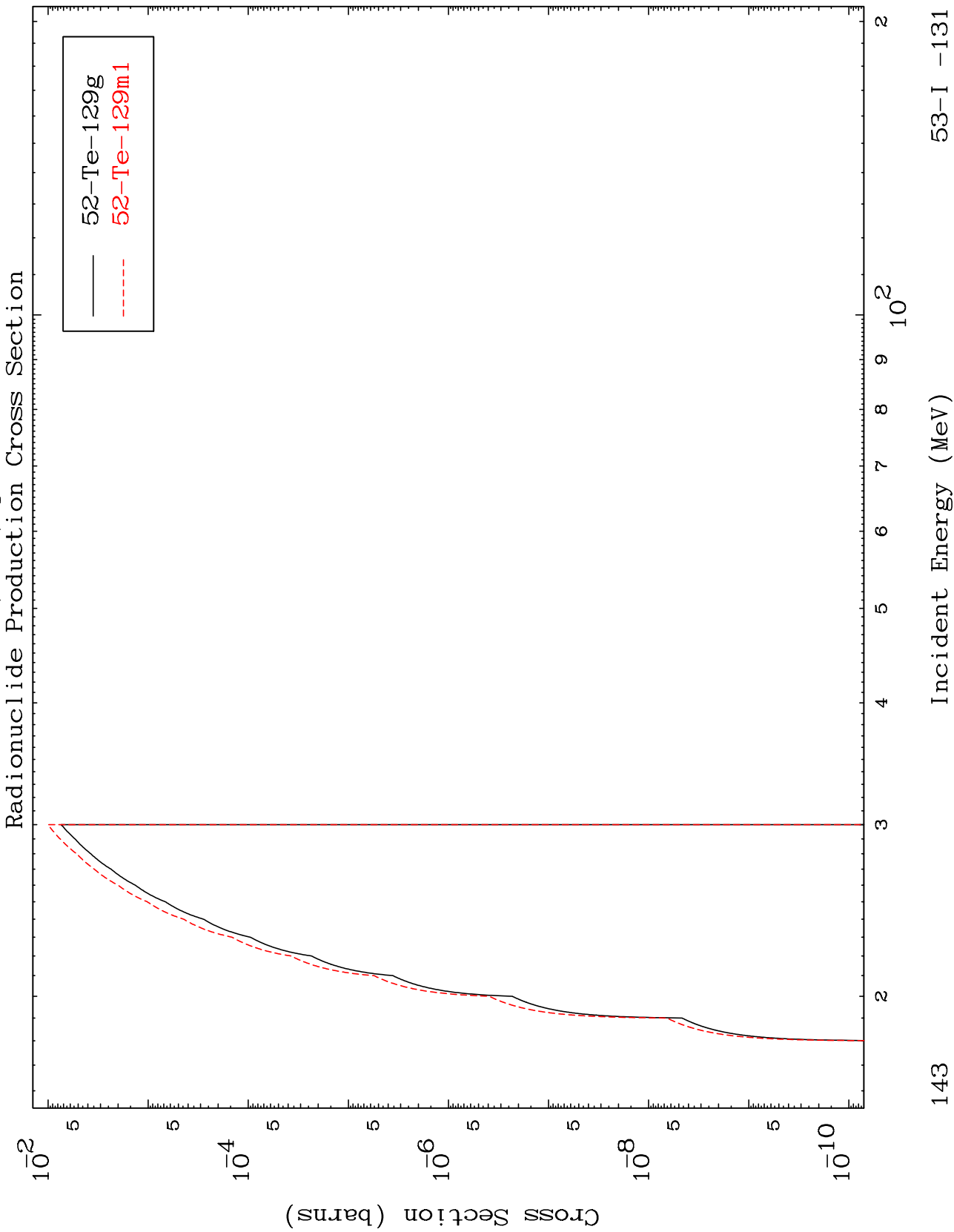


Radionuclide Production Cross Section

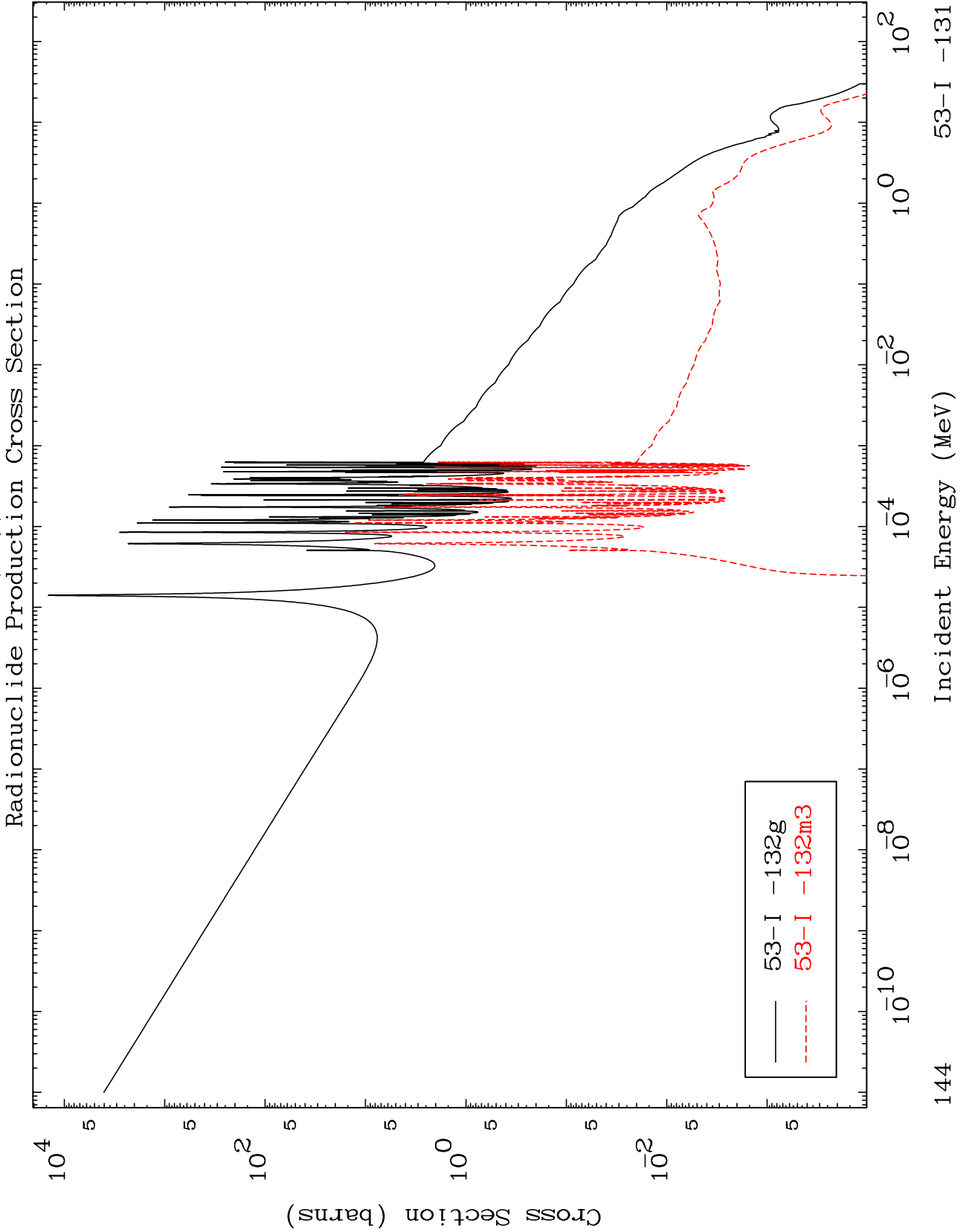


Radionuclide Production Cross Section





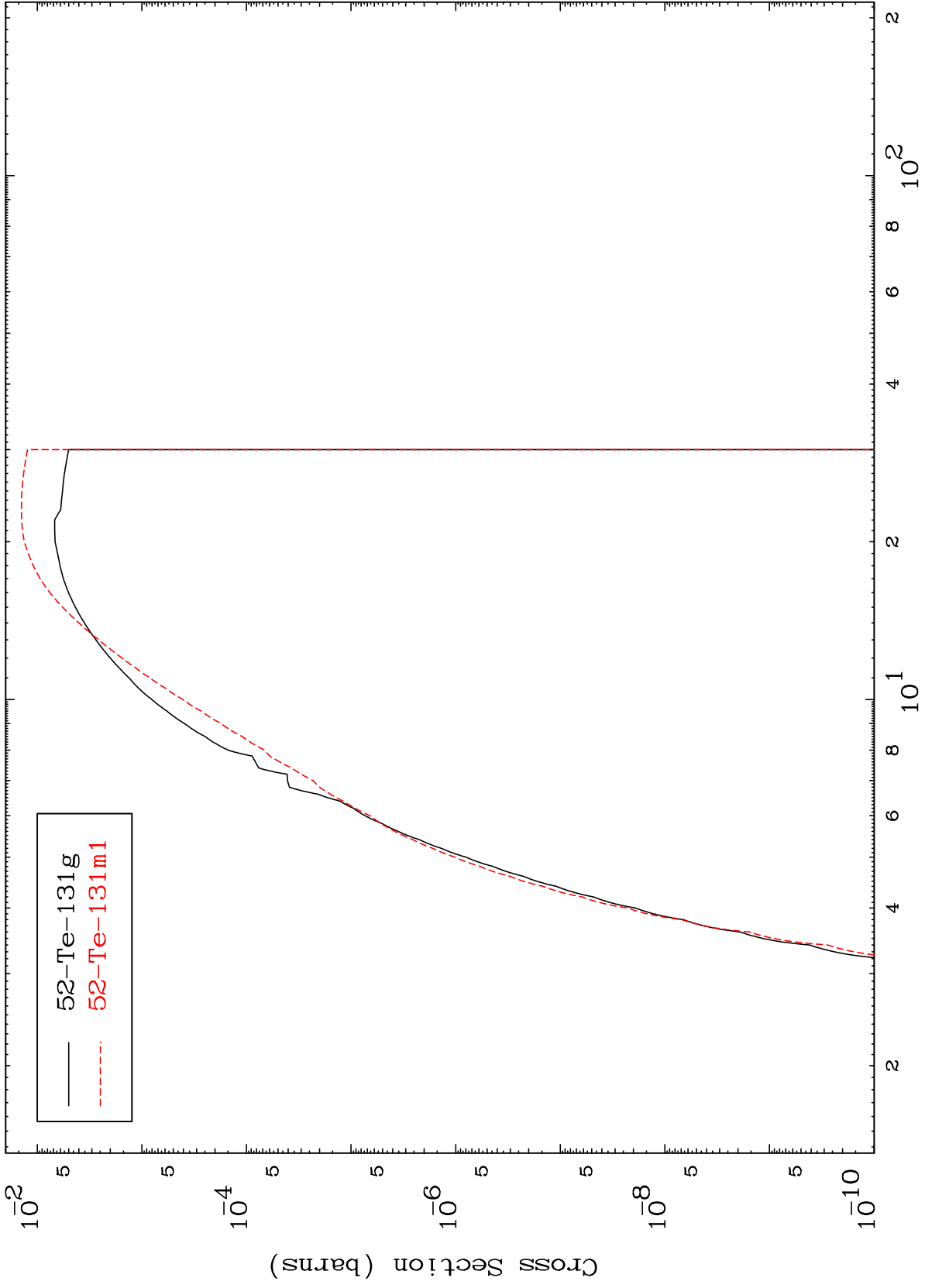




MAT 5337

53-I -131

(n,p)  
Radionuclide Production Cross Section



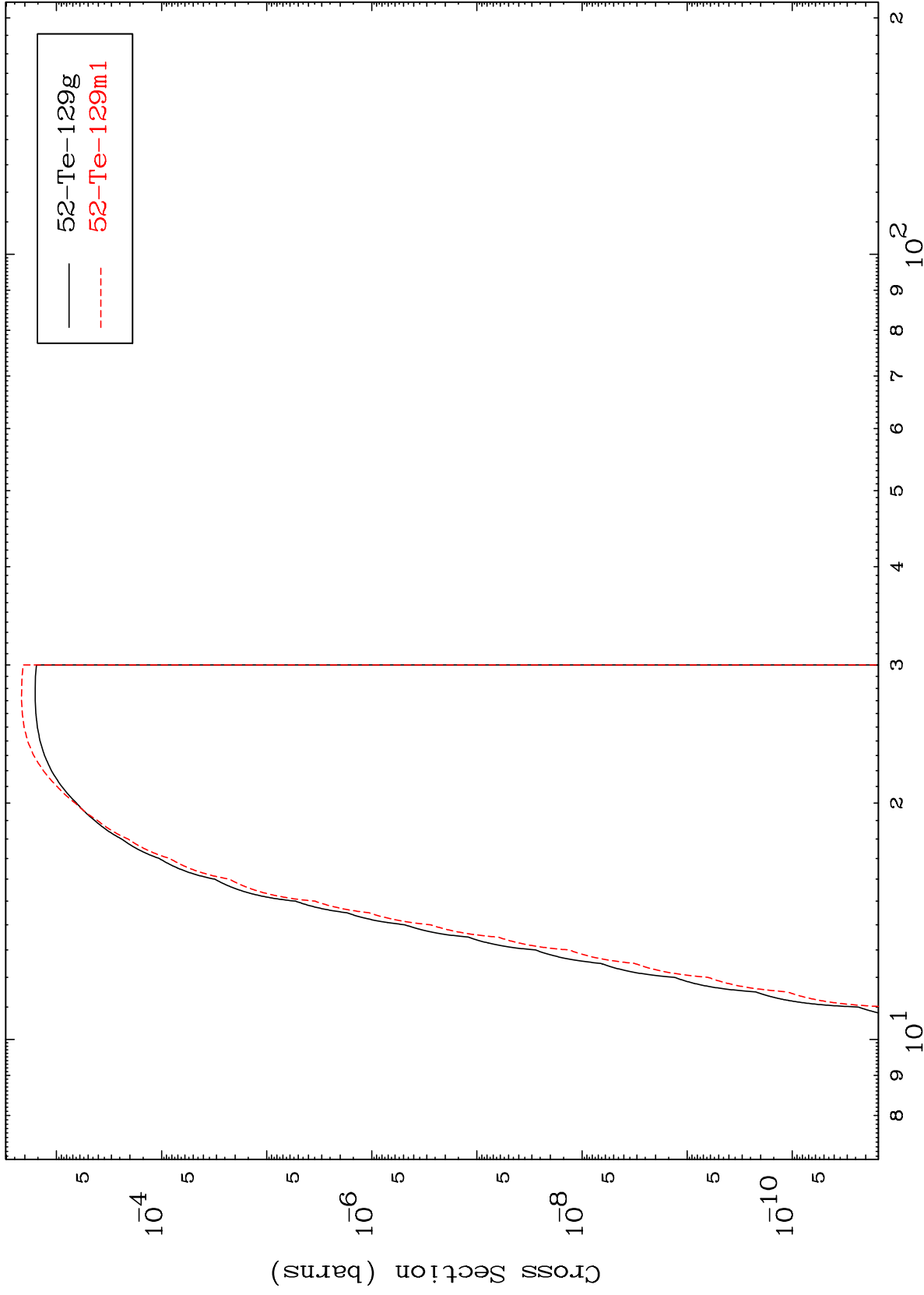
— 52-Te-131g  
- - - 52-Te-131m1

145

53-I -131

Incident Energy (MeV)

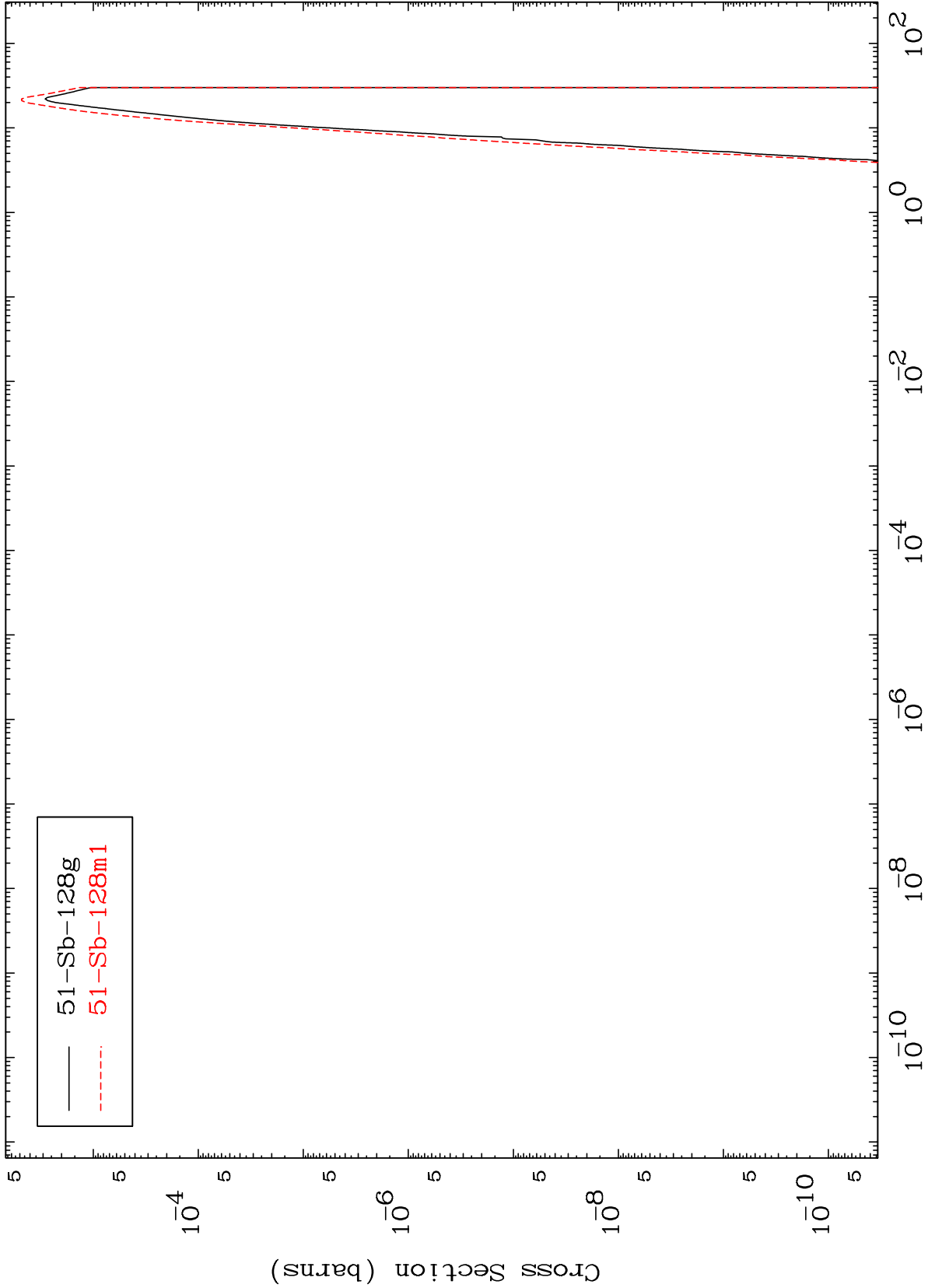
(n,t)  
Radionuclide Production Cross Section



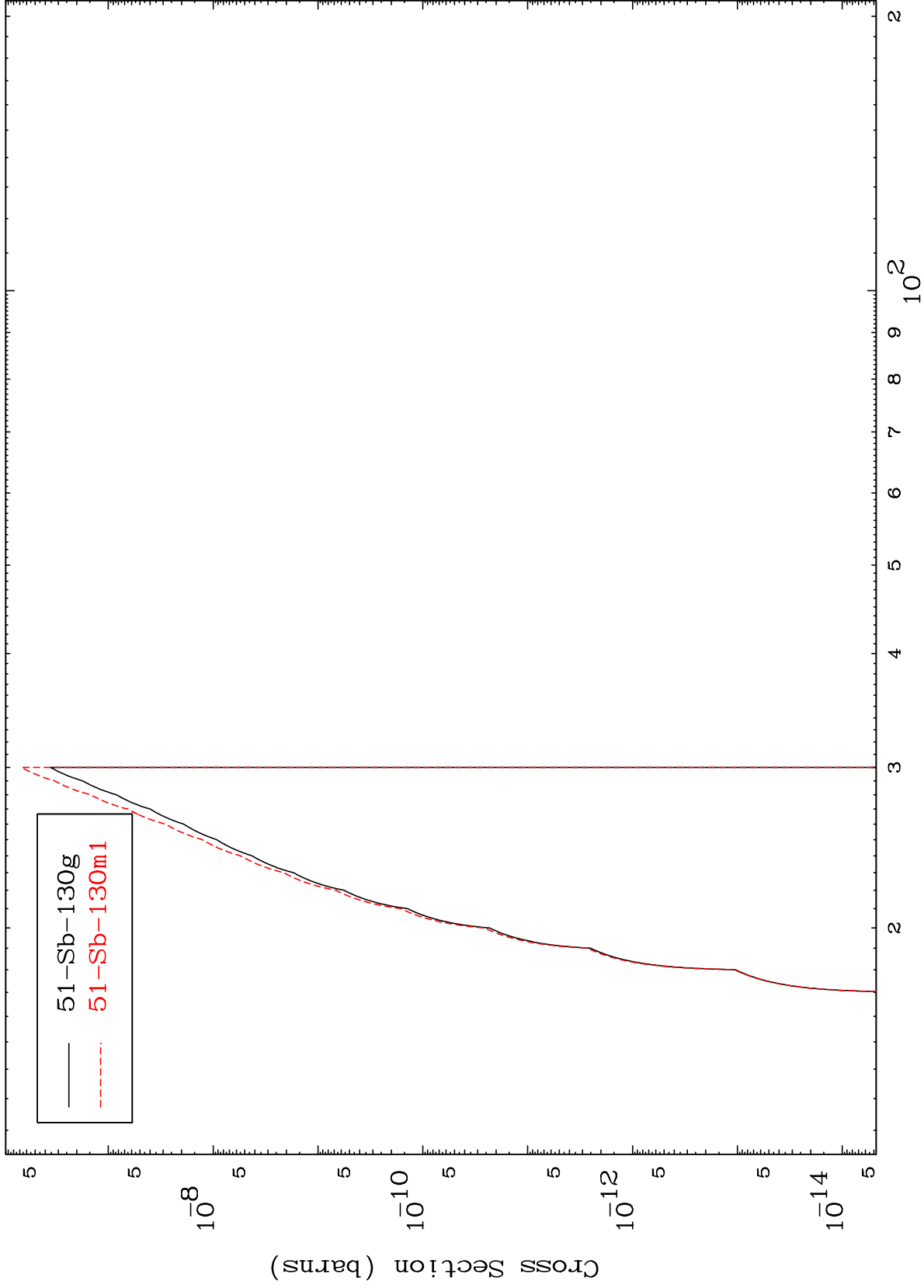
MAT 5337

53-I -131

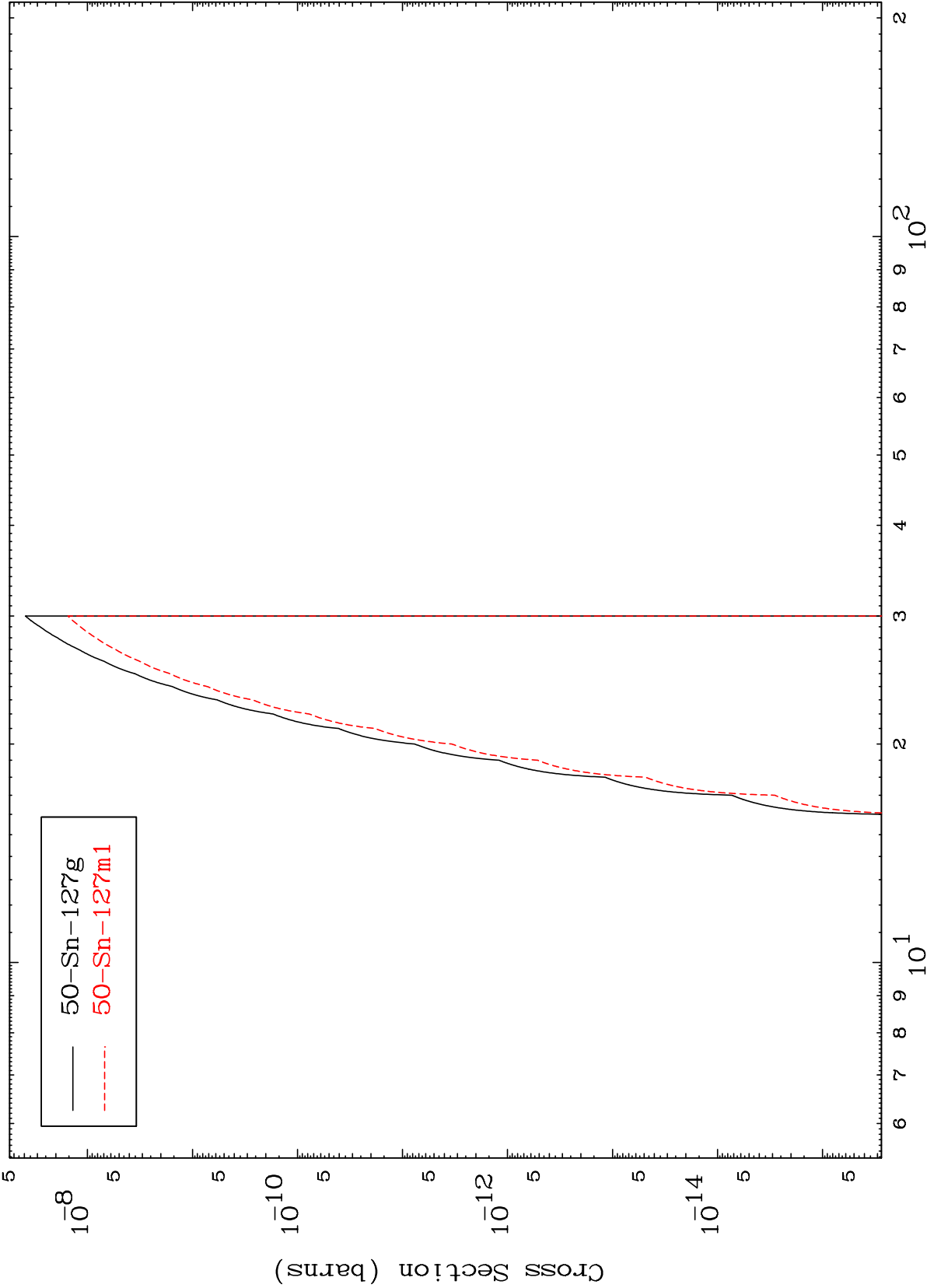
(n,  $\alpha$ )  
Radionuclide Production Cross Section



(n,2p)  
Radionuclide Production Cross Section



Radionuclide Production Cross Section



50-Sn-127g  
50-Sn-127m1

Radionuclide Production Cross Section

