

Program EVALPLOT  
(Version 2017-1)

by

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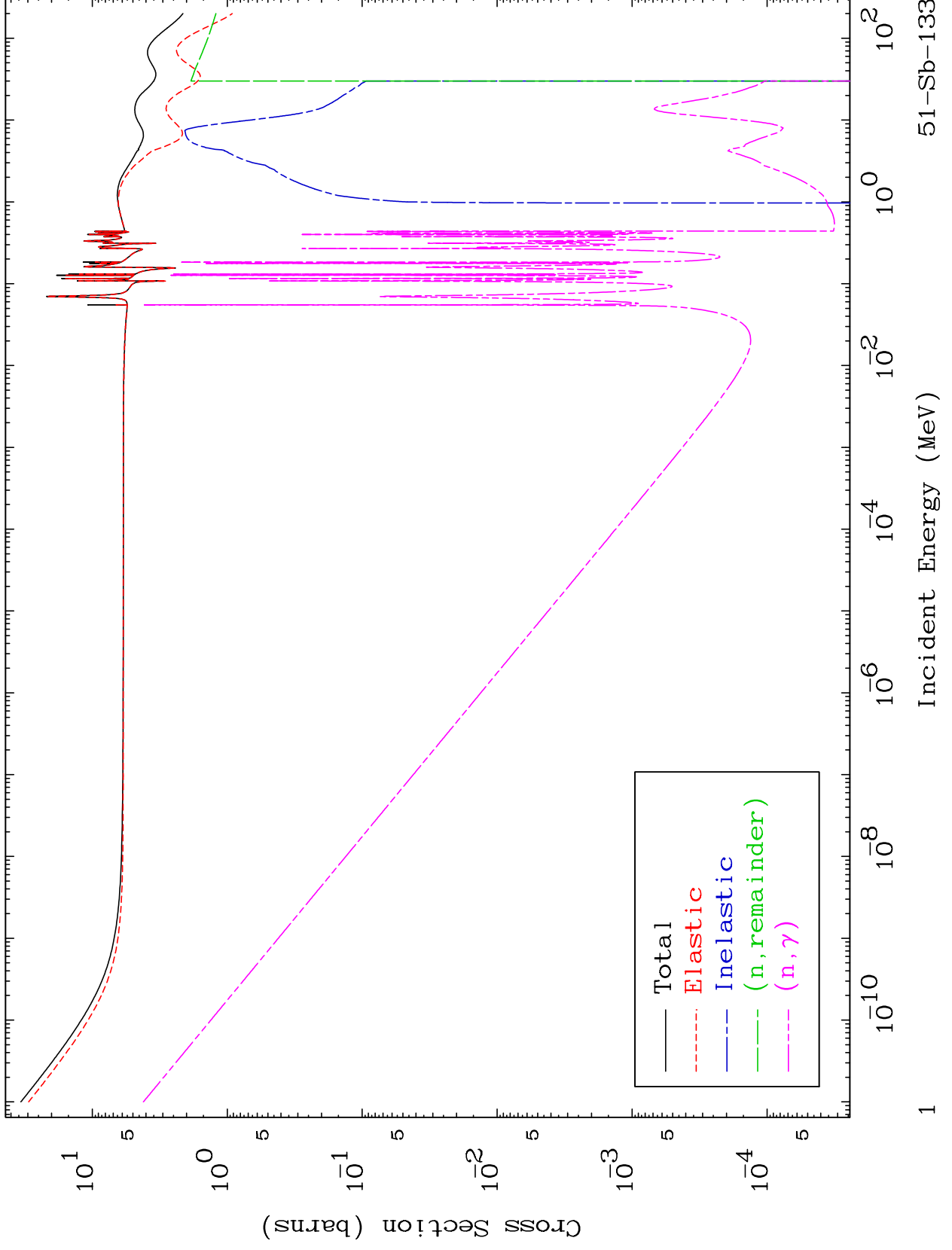
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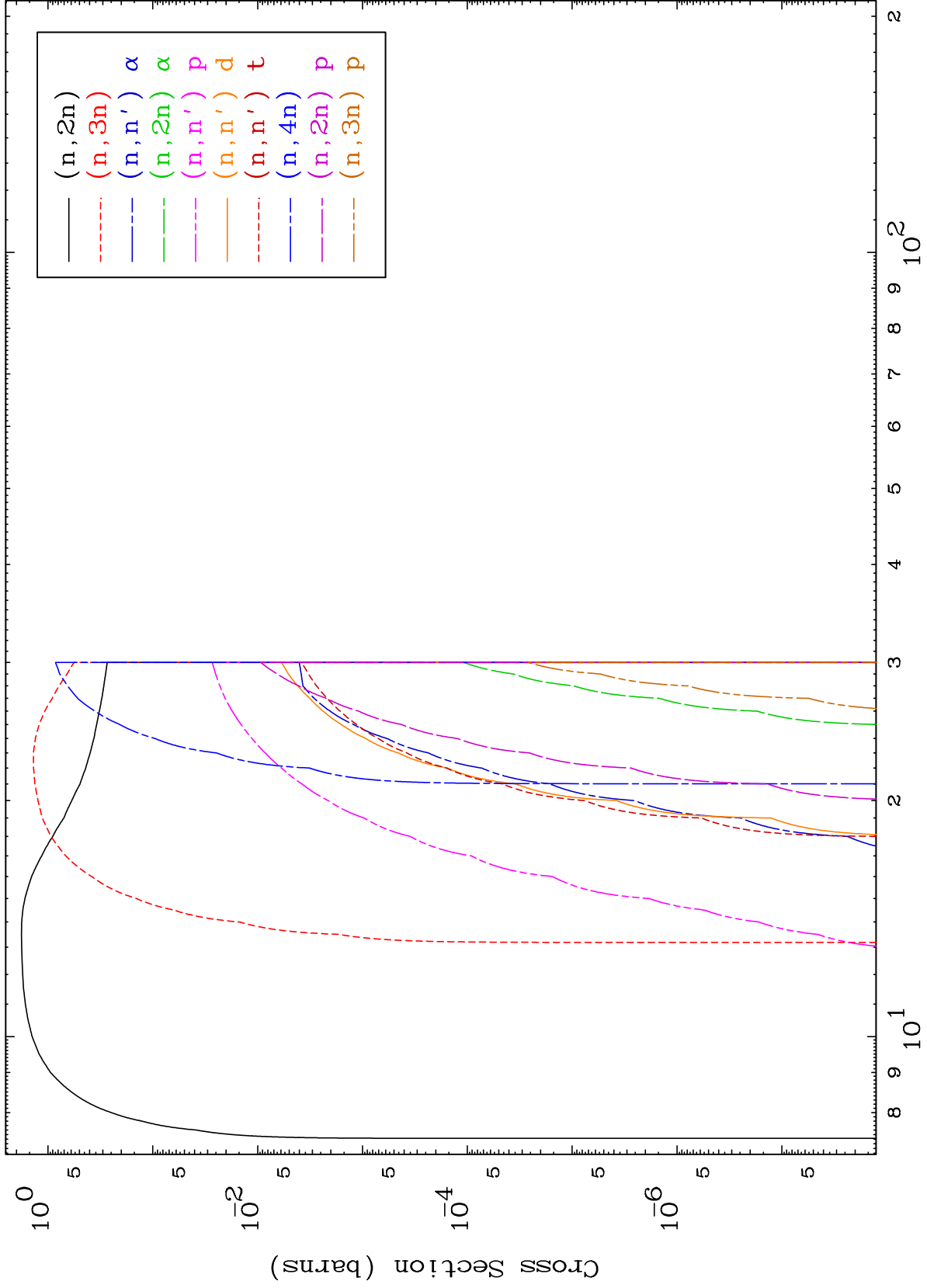
Press Mouse Button to Start

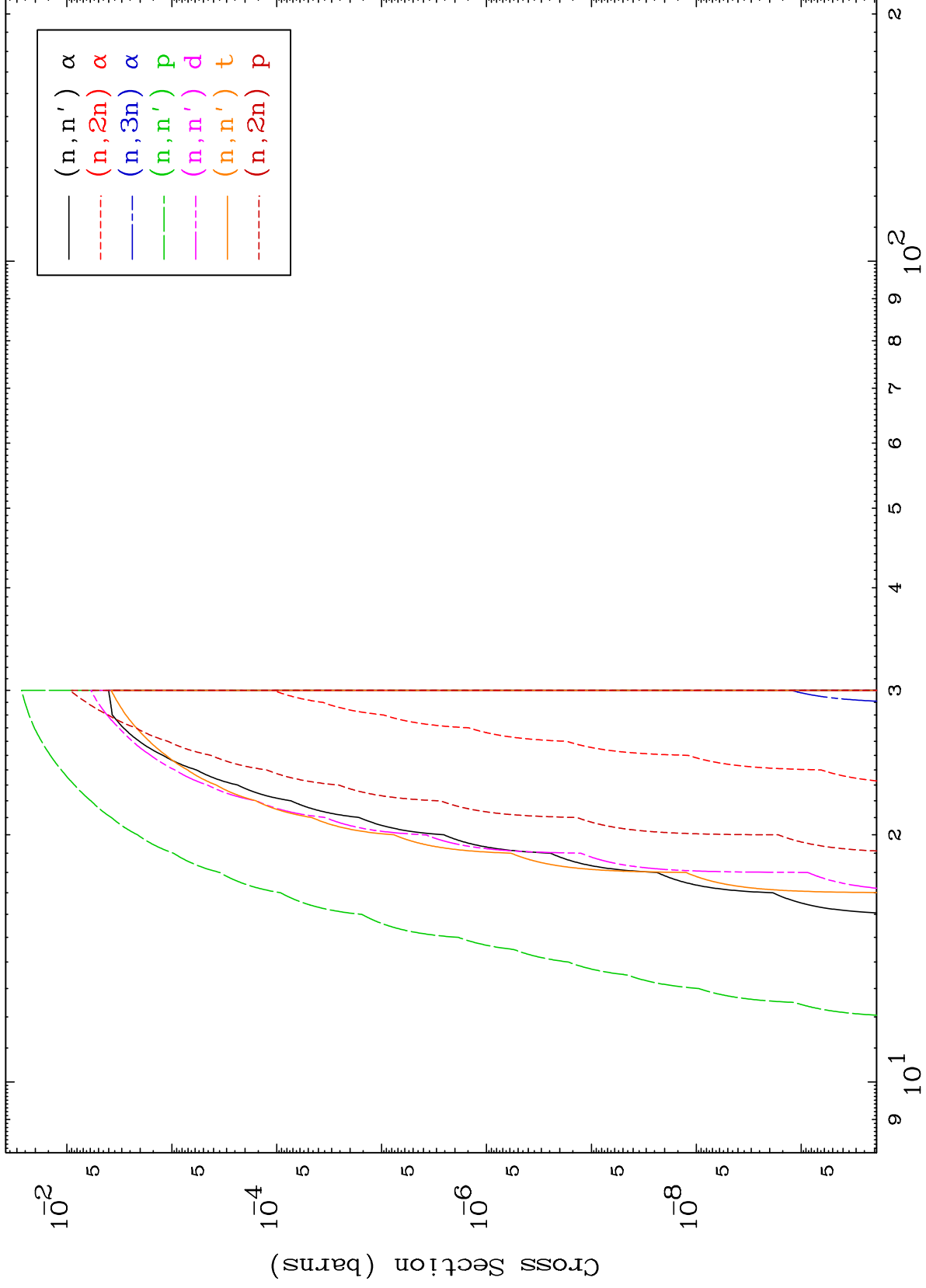
MAT 5161

Major  
293 Kelvin Cross Sections

51-Sb-133



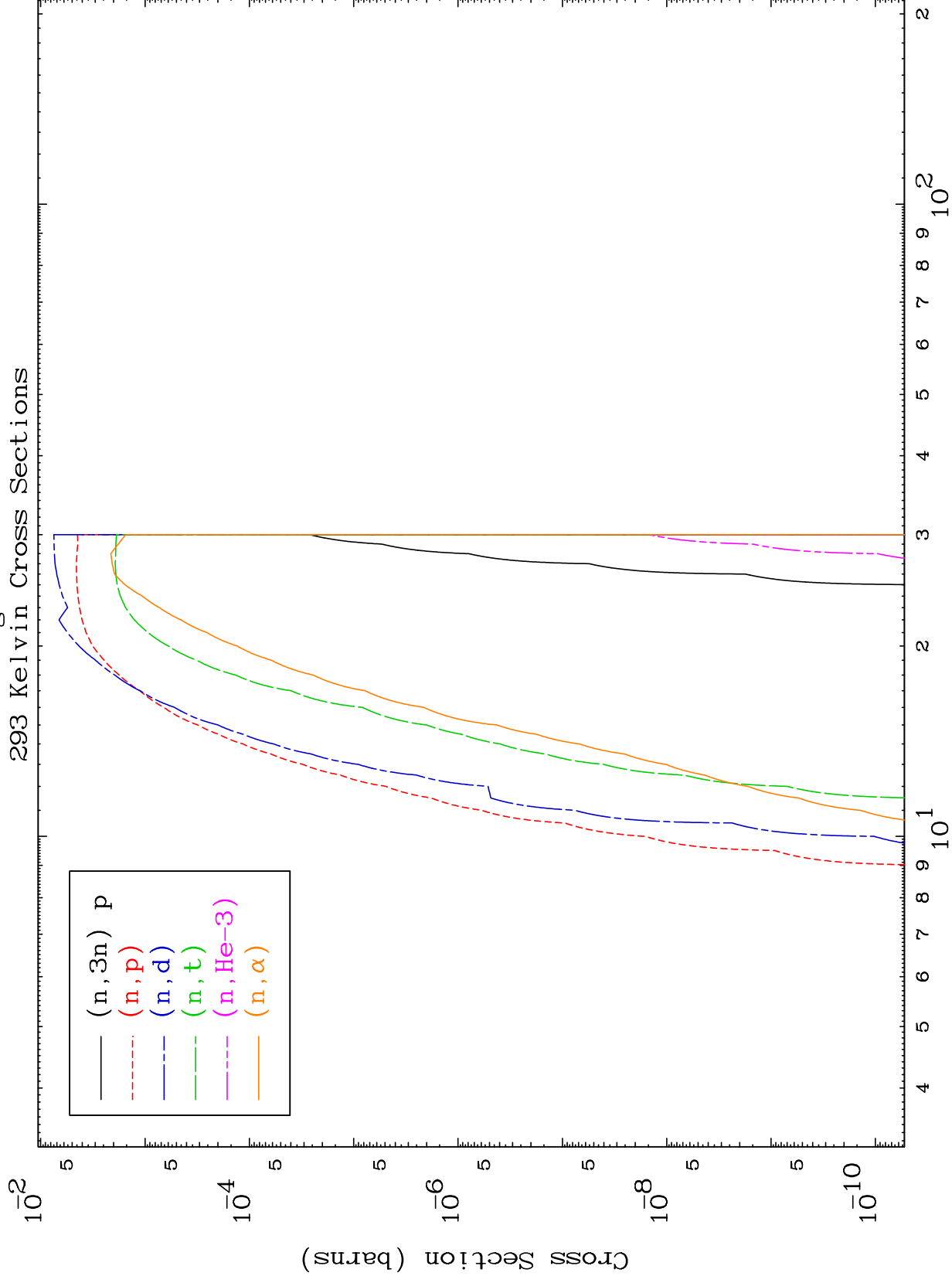


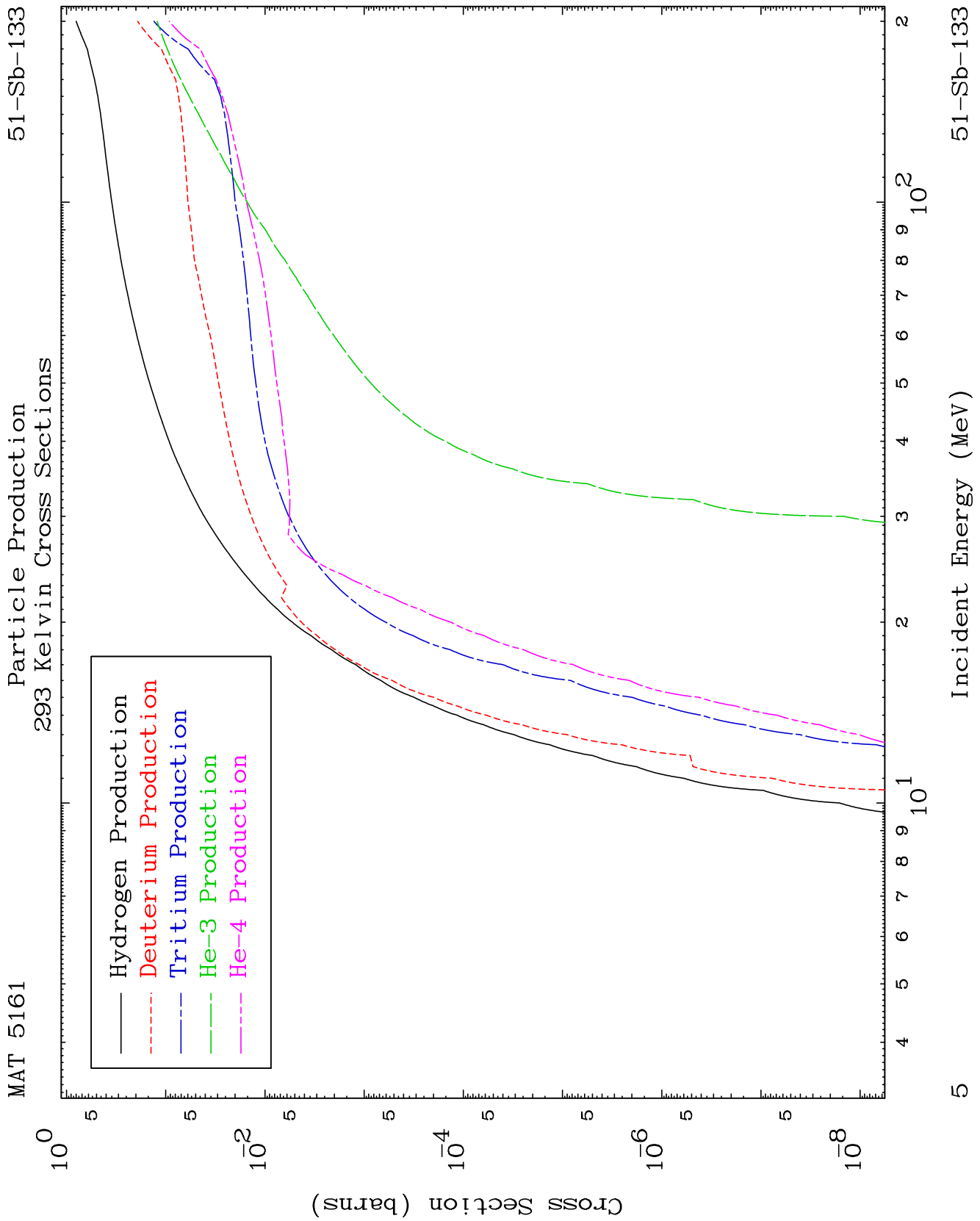


MAT 5161

Charged Particle  
293 Kelvin Cross Sections

51-Sb-133



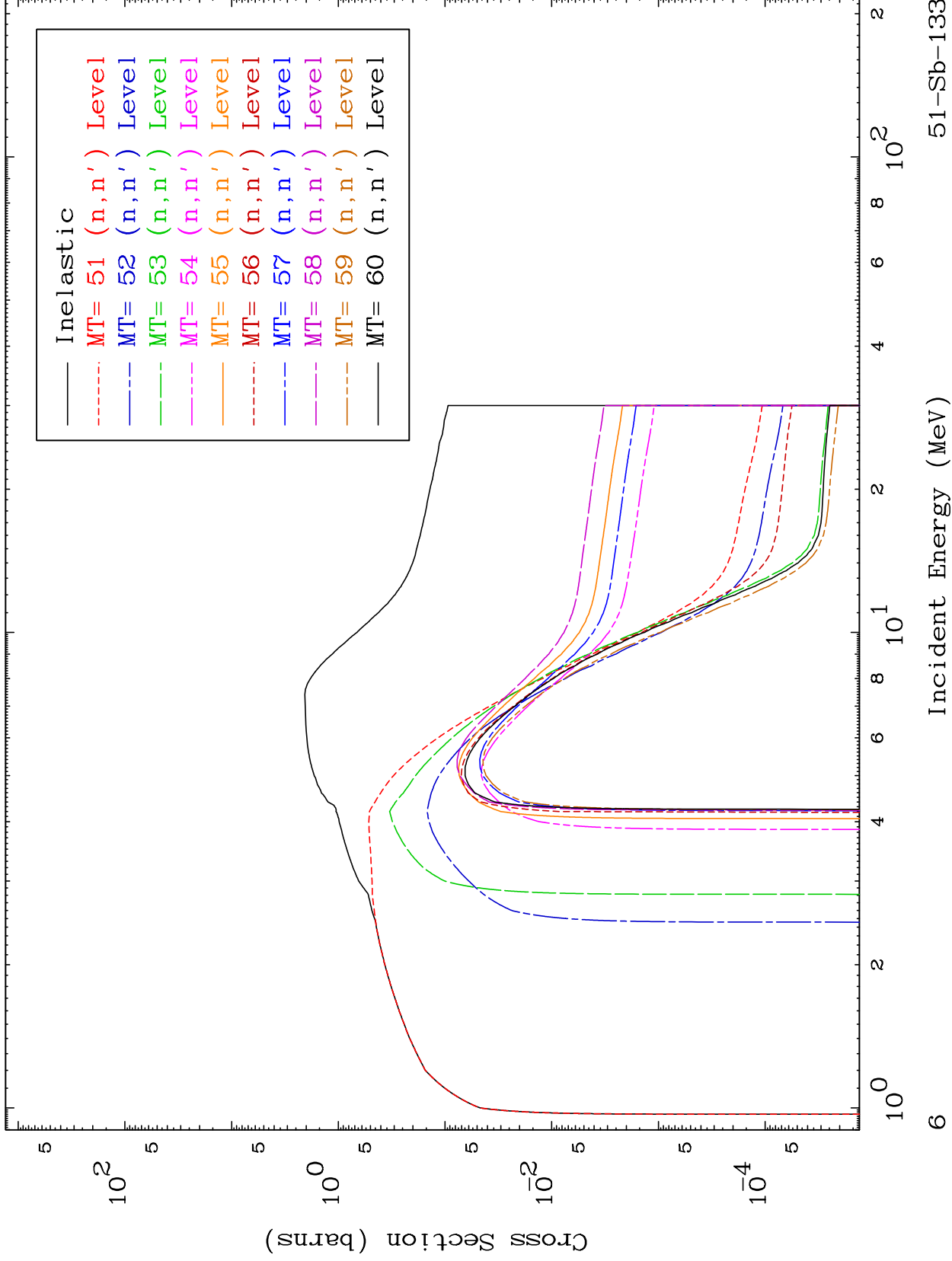


MAT 5161

(n,n') Level

51-Sb-133

293 Kelvin Cross Sections

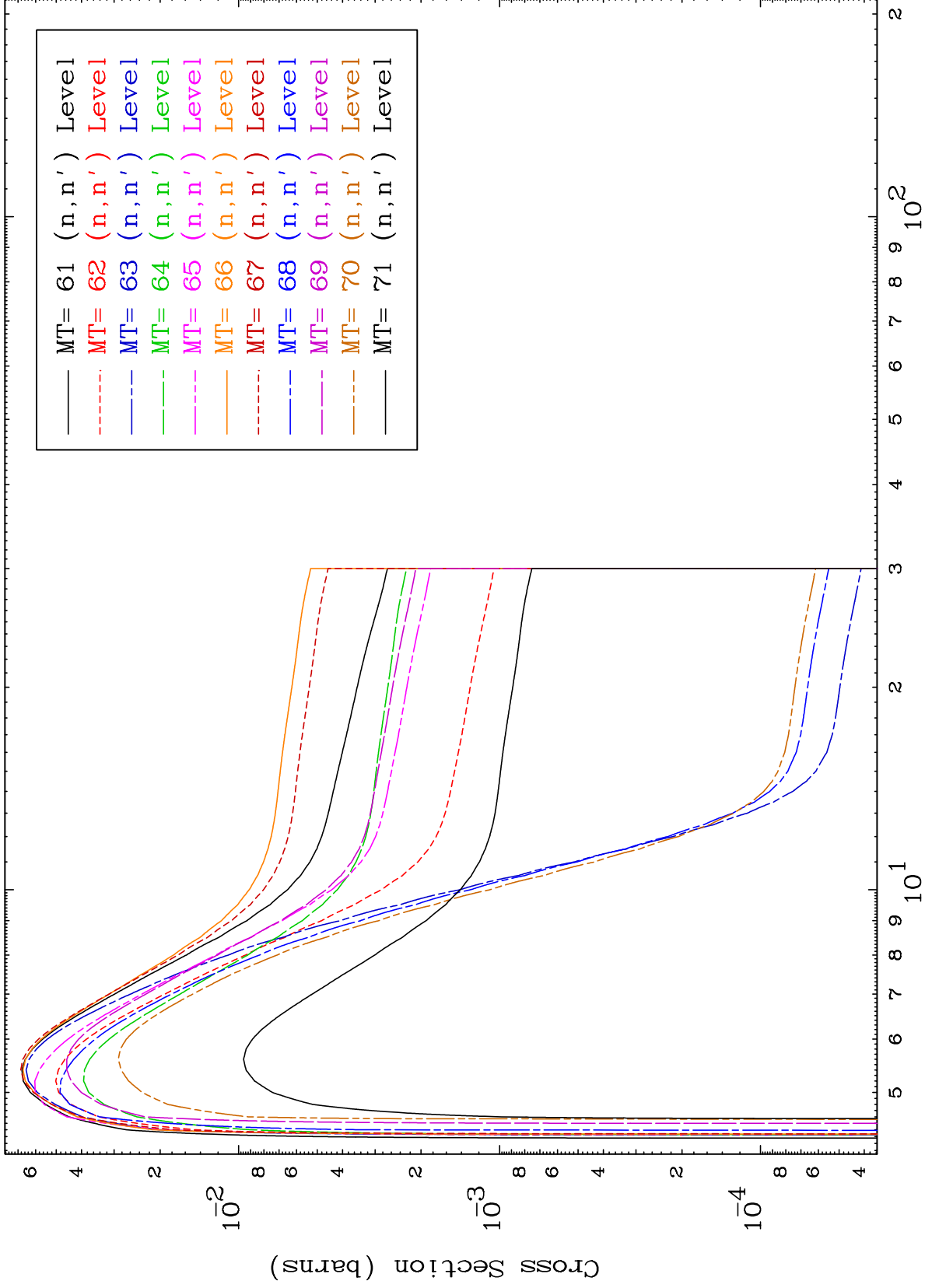


MAT 5161

(n,n') Level

51-Sb-133

293 Kelvin Cross Sections



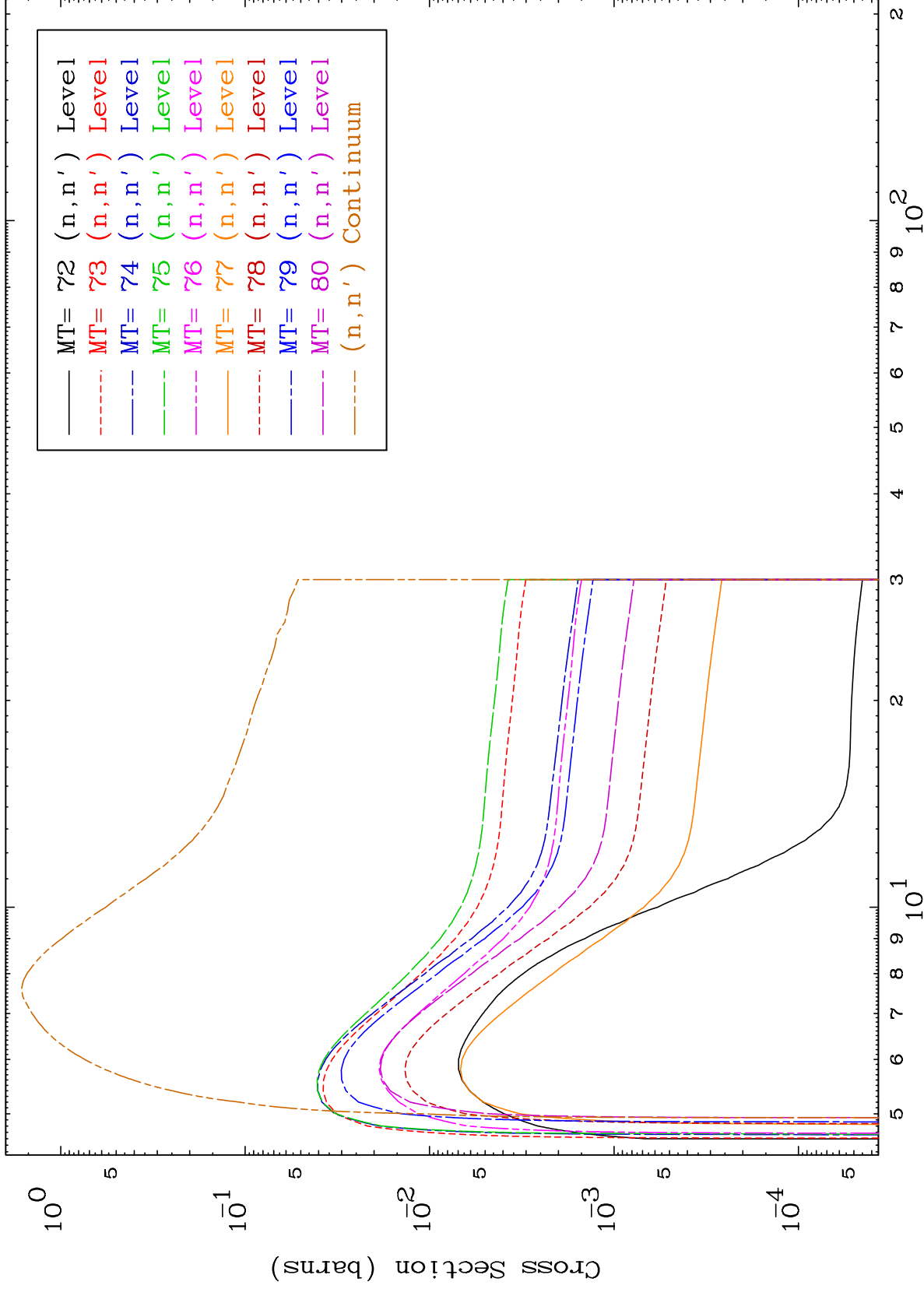
7

Incident Energy (MeV)

51-Sb-133



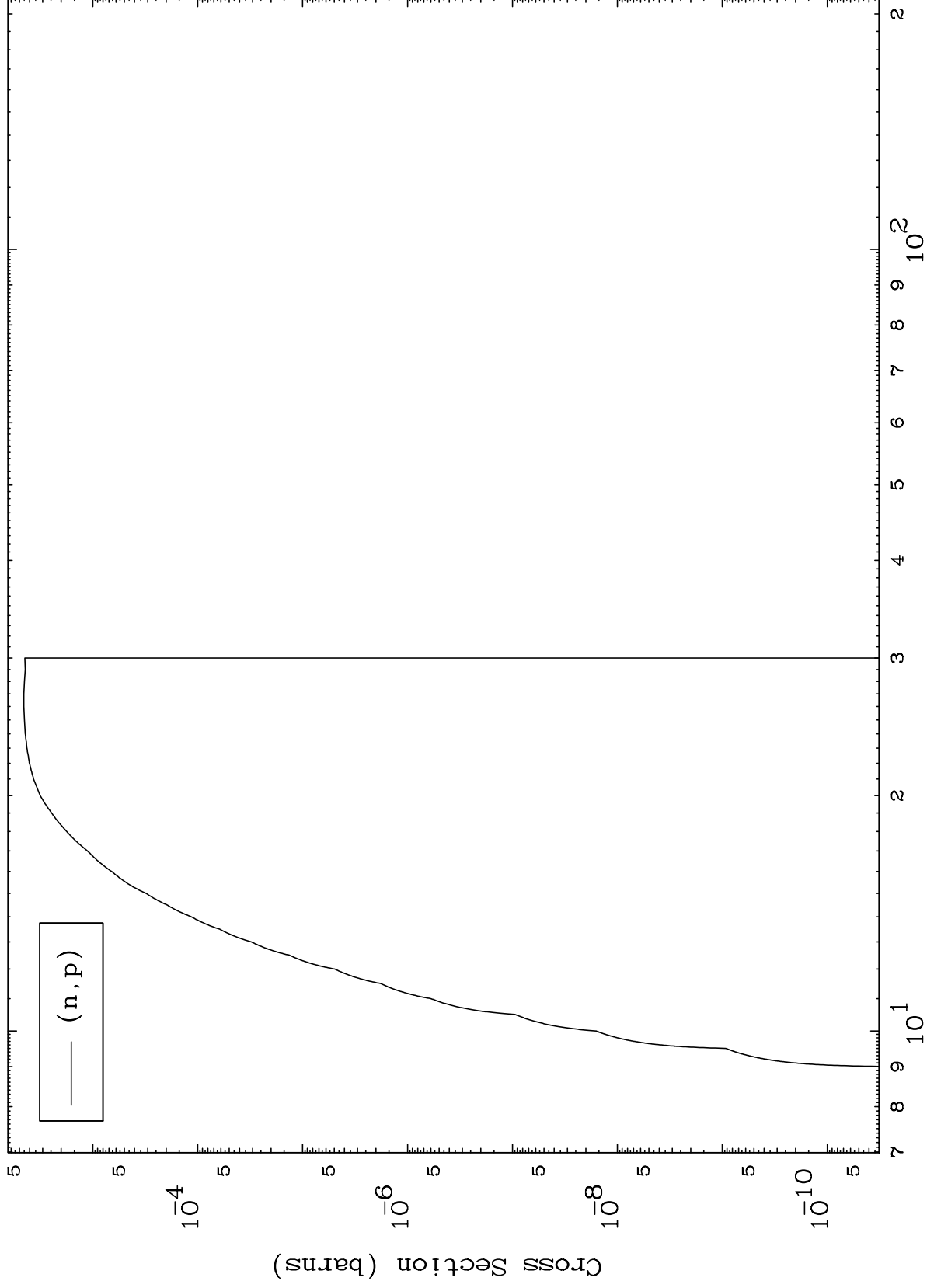
293 Kelvin Cross Sections



MAT 5161

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-133



9

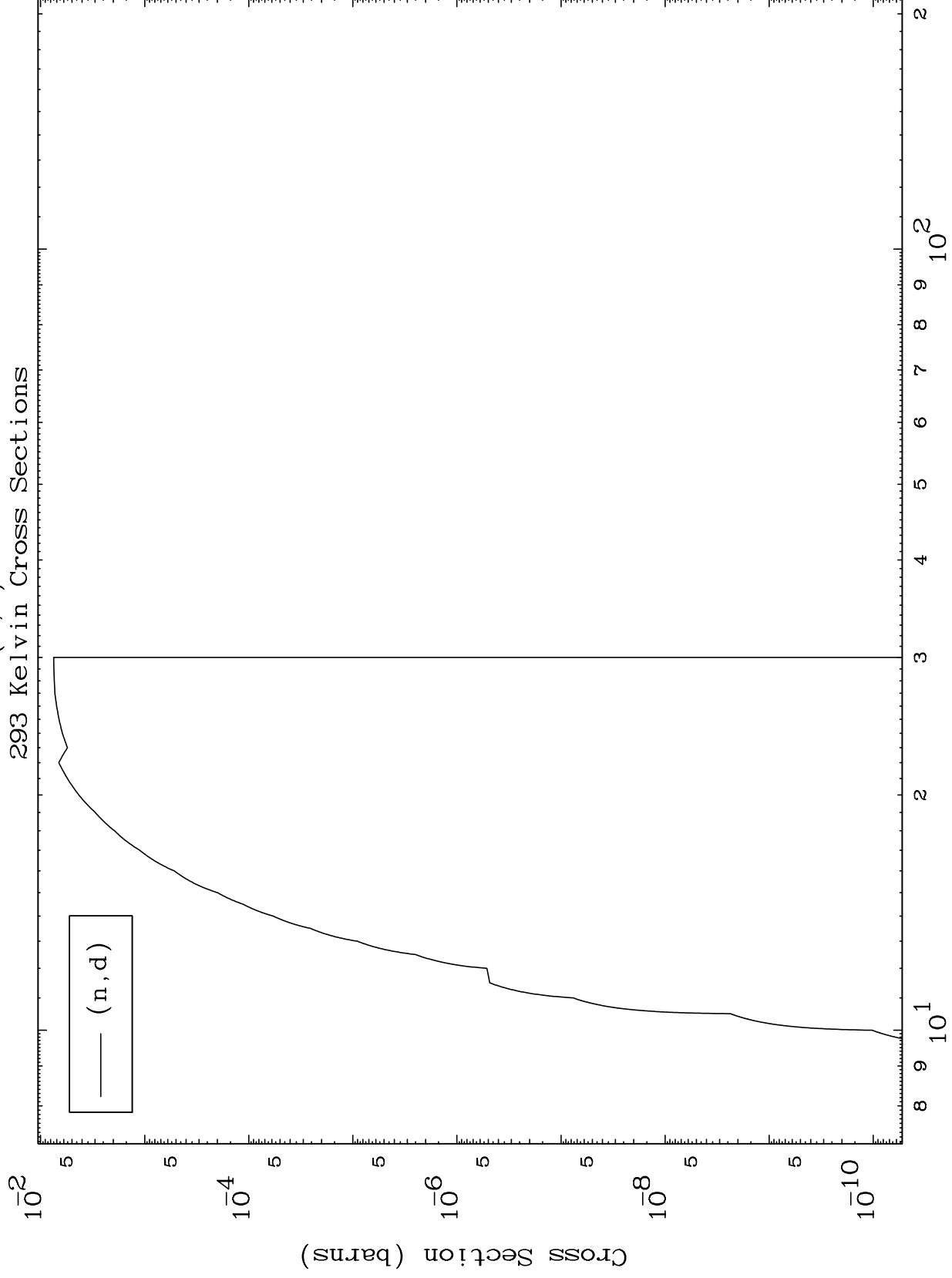
Incident Energy (MeV)

51-Sb-133

MAT 5161

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-133



10

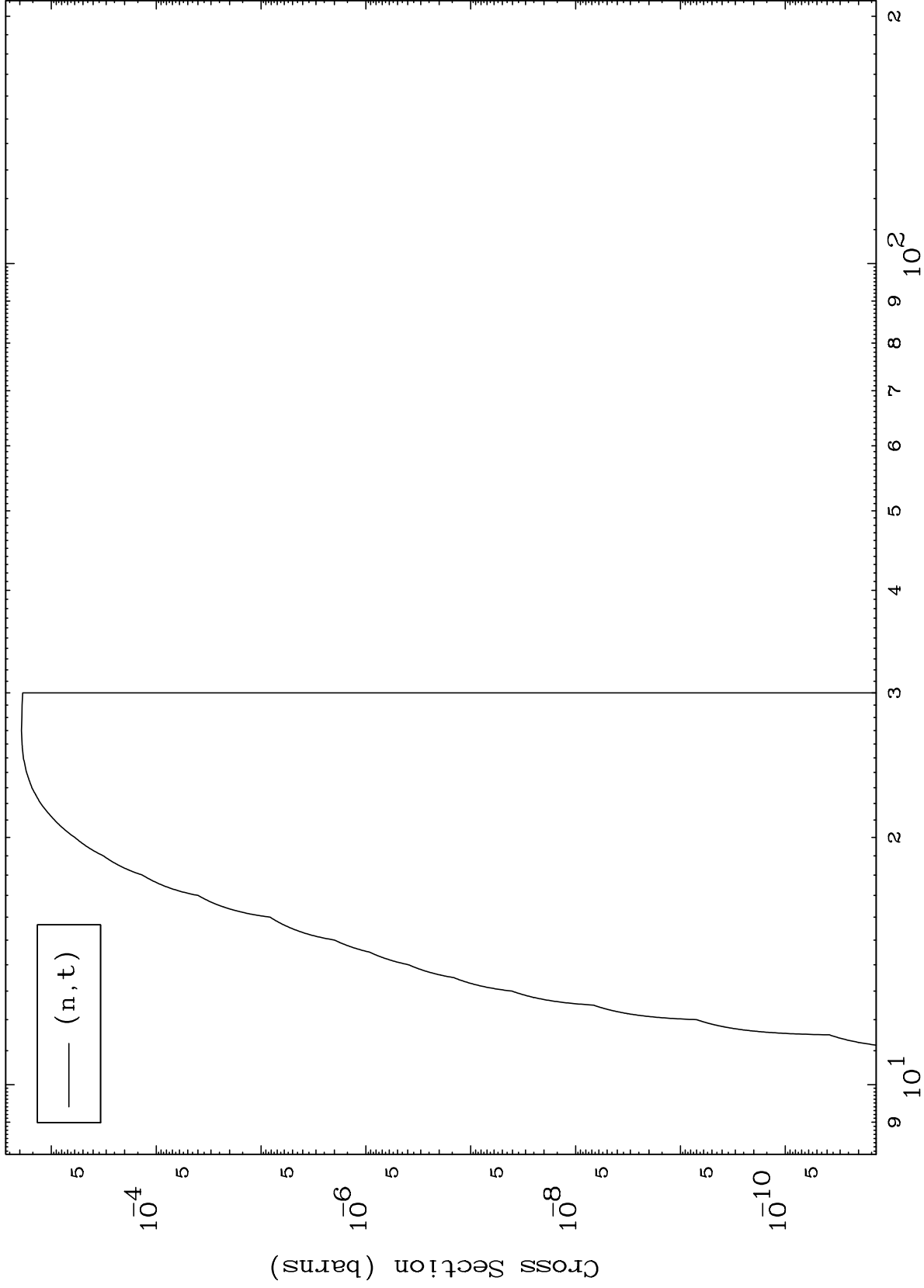
Incident Energy (MeV)

51-Sb-133

MAT 5161

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-133



11

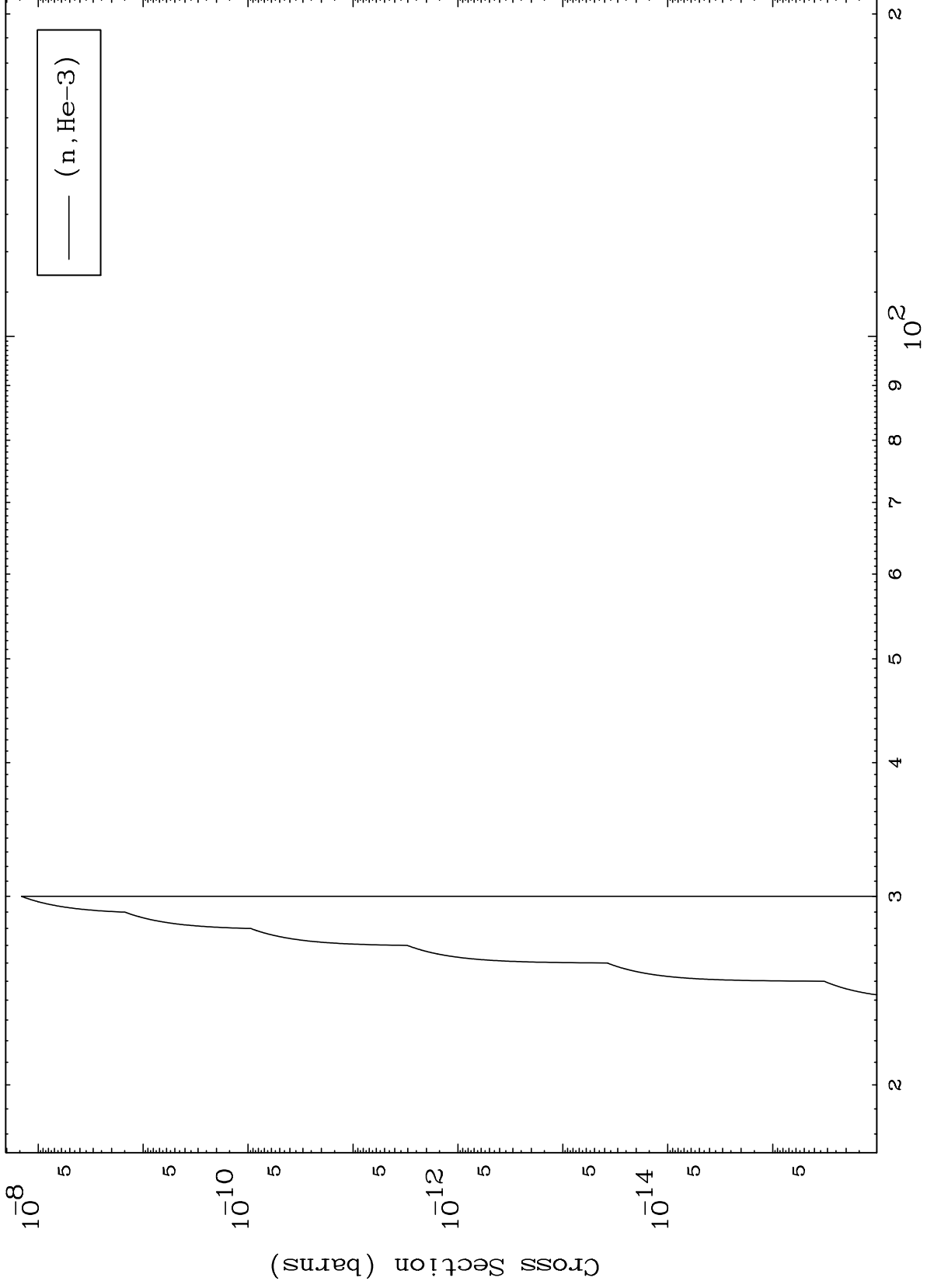
Incident Energy (MeV)

51-Sb-133

MAT 5161

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-133



(n, He-3)

12

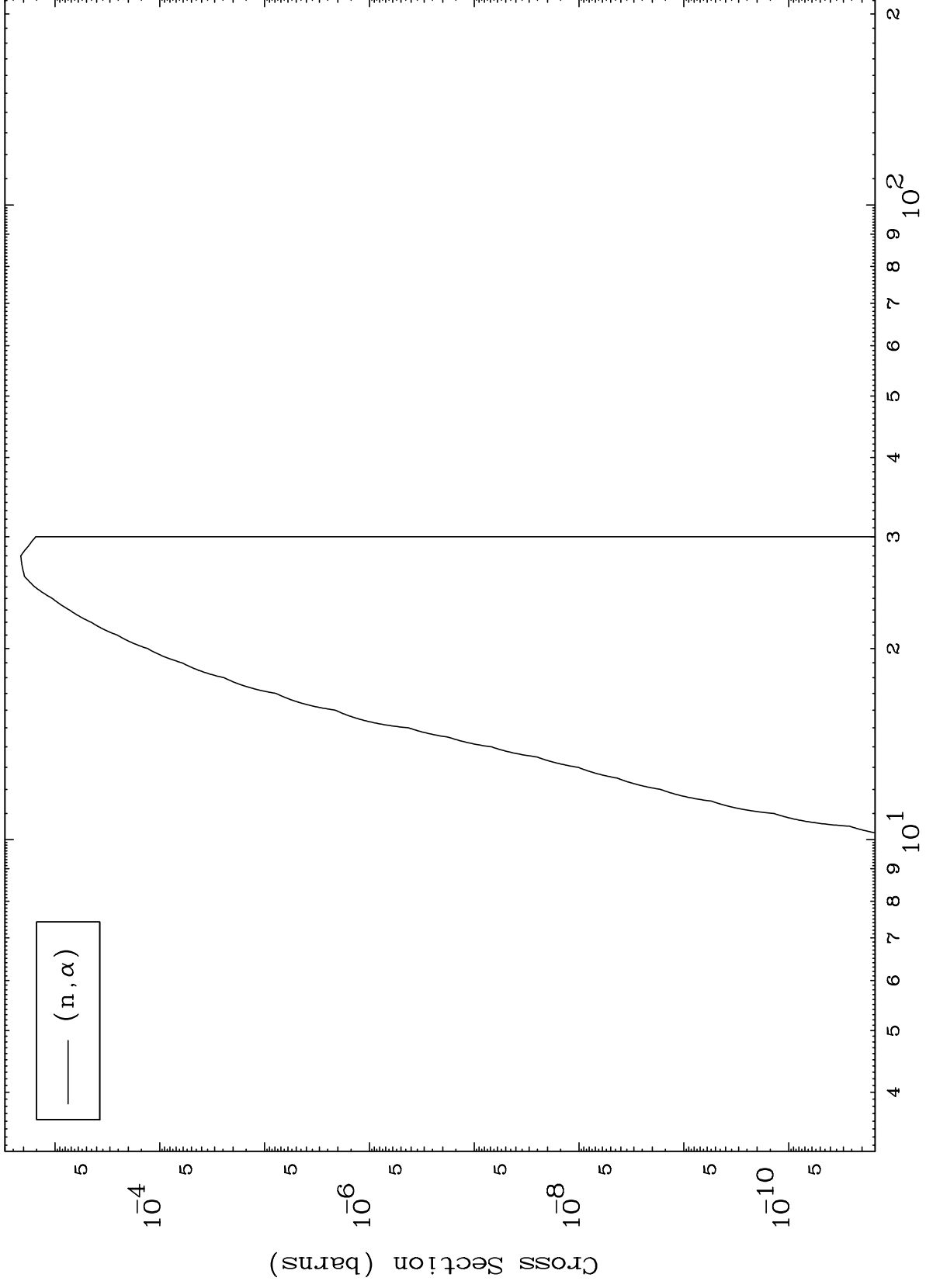
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

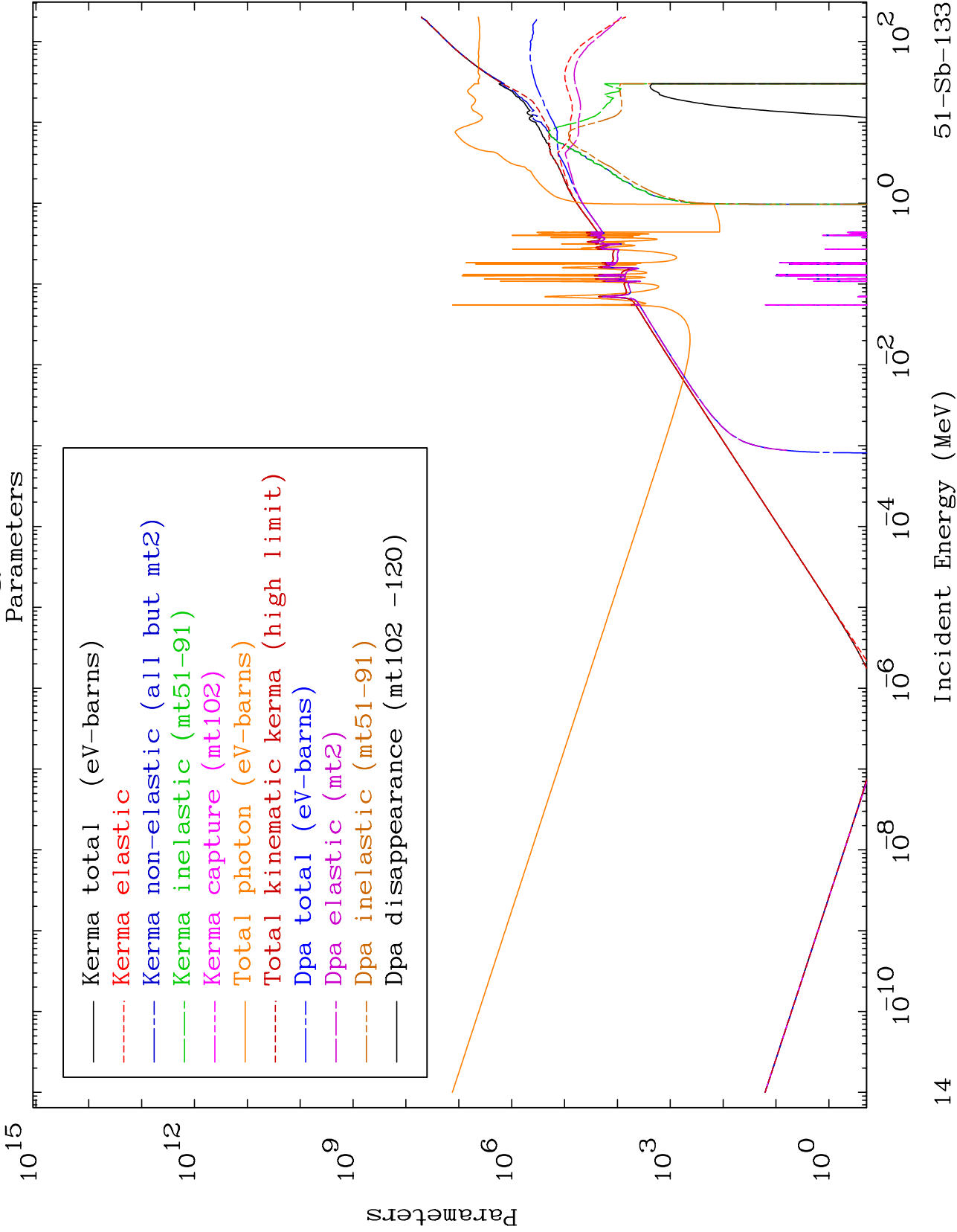
51-Sb-133



13

Incident Energy (MeV)

51-Sb-133



MAT 5161

51-Sb-133

Elastic Legendre Coefficients

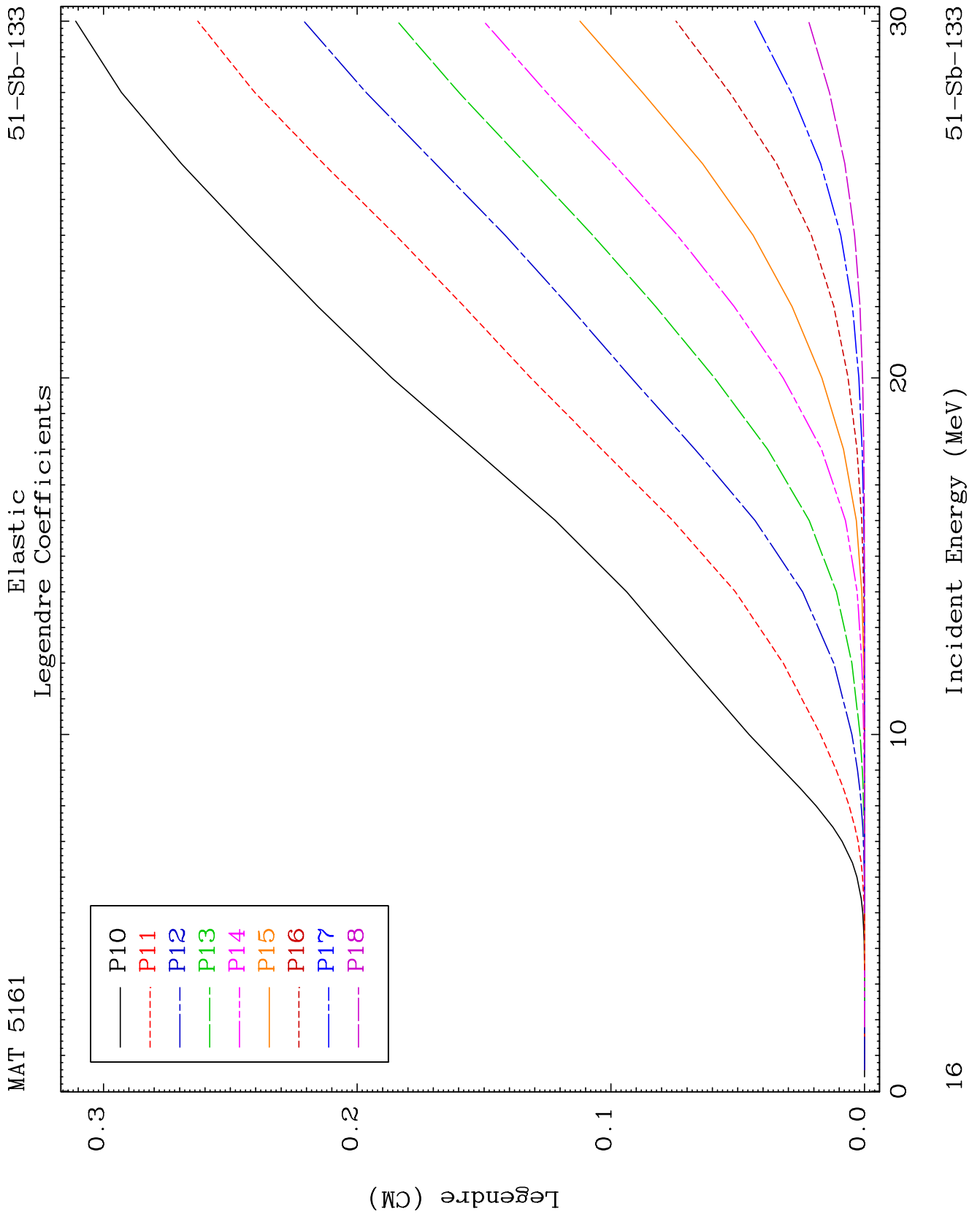


51-Sb-133

Incident Energy (MeV)

15

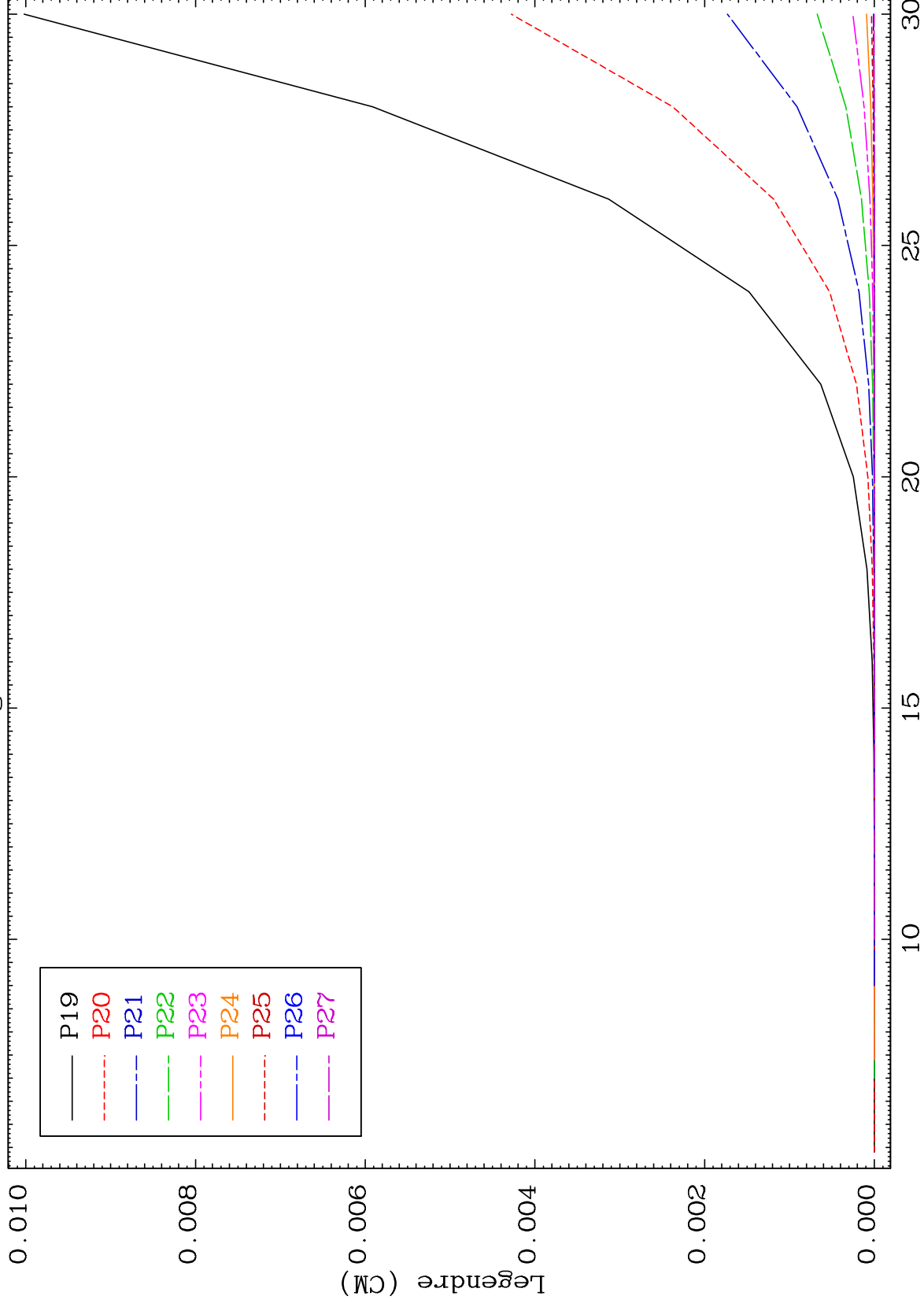




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### Elastic Legendre Coefficients

51-Sb-133



17

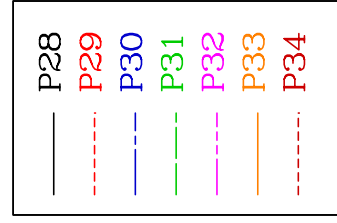
Incident Energy (MeV)

51-Sb-133

MAT 5161

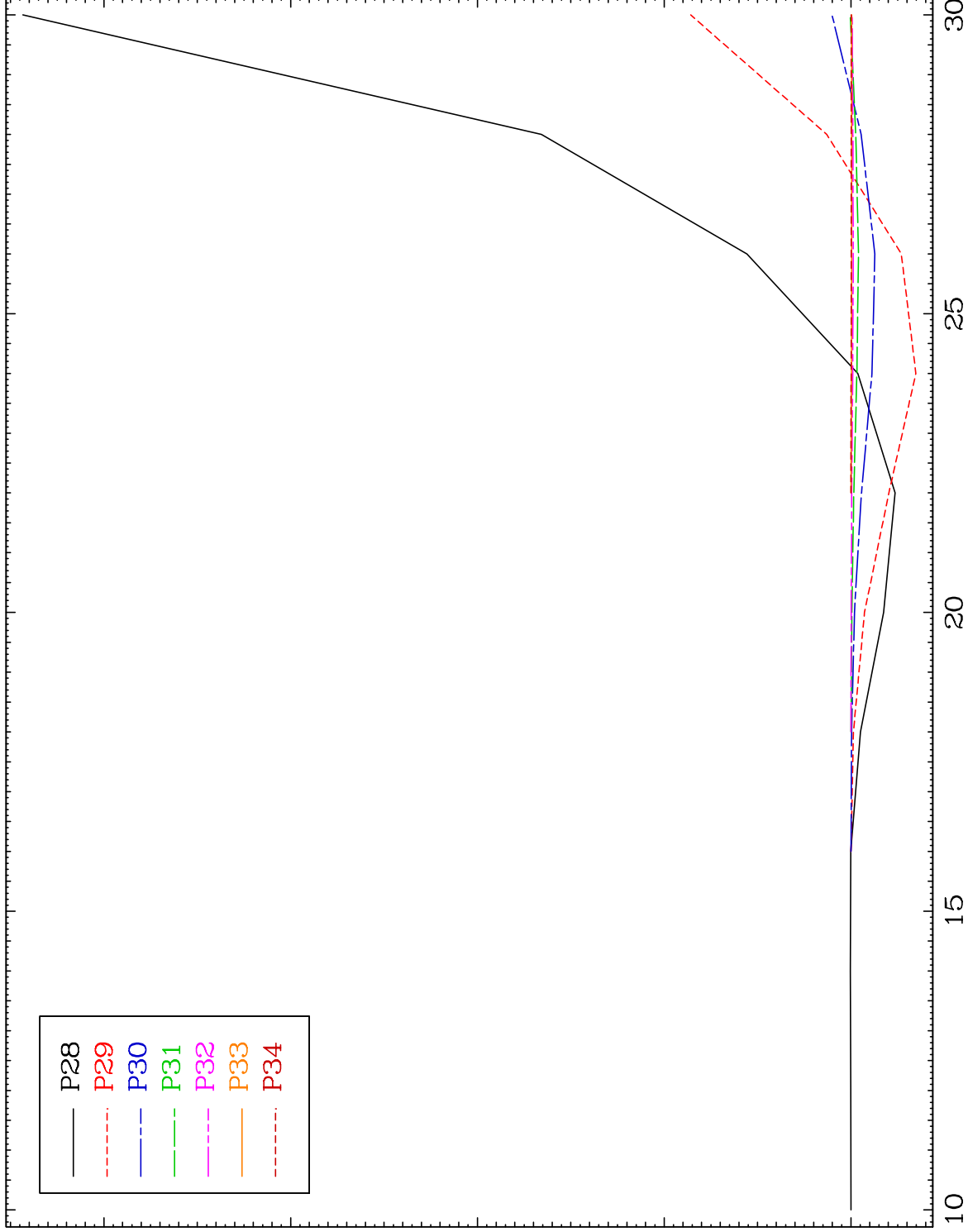
Elastic Legendre Coefficients

51-Sb-133



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

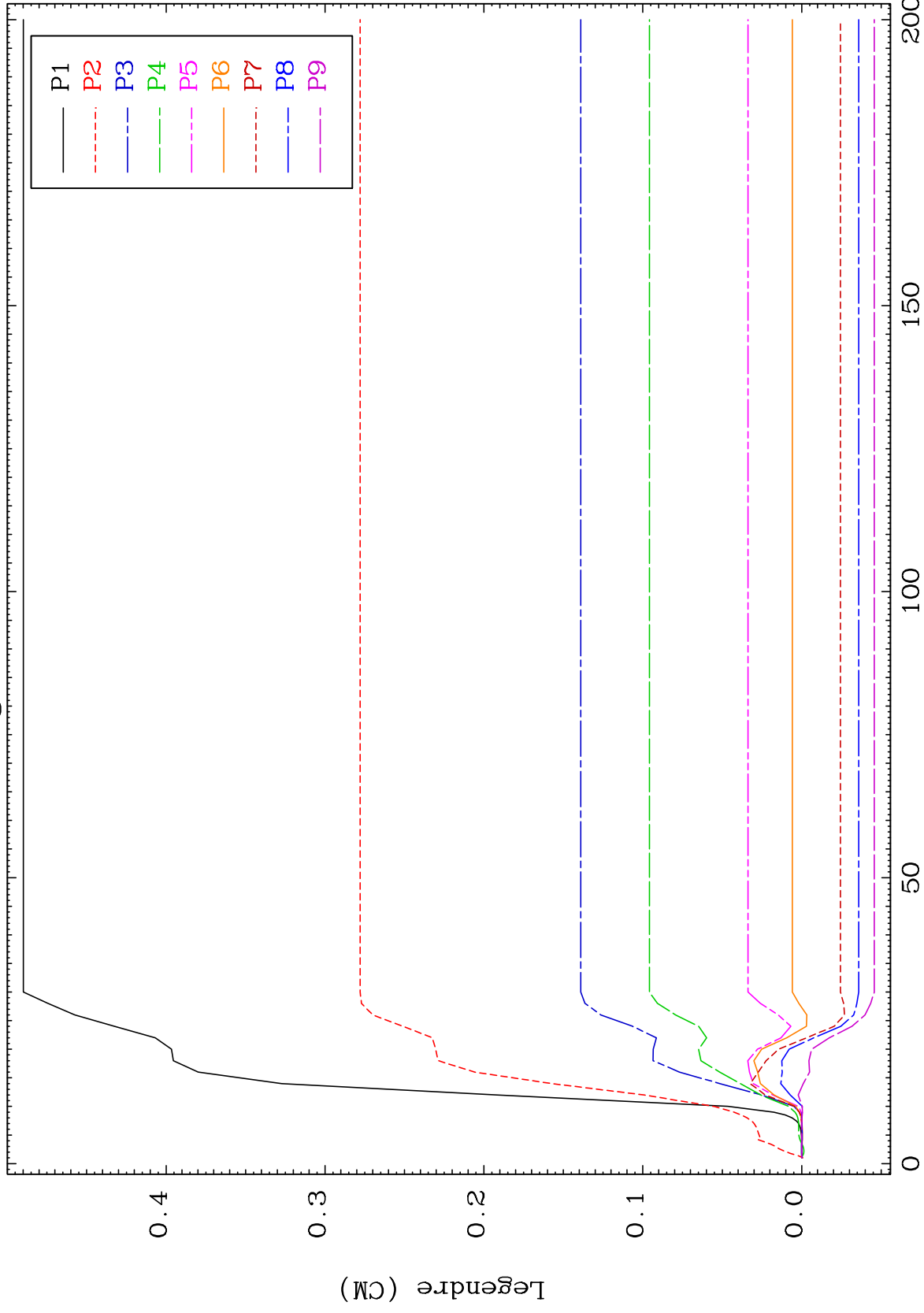
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



19

Incident Energy (MeV)

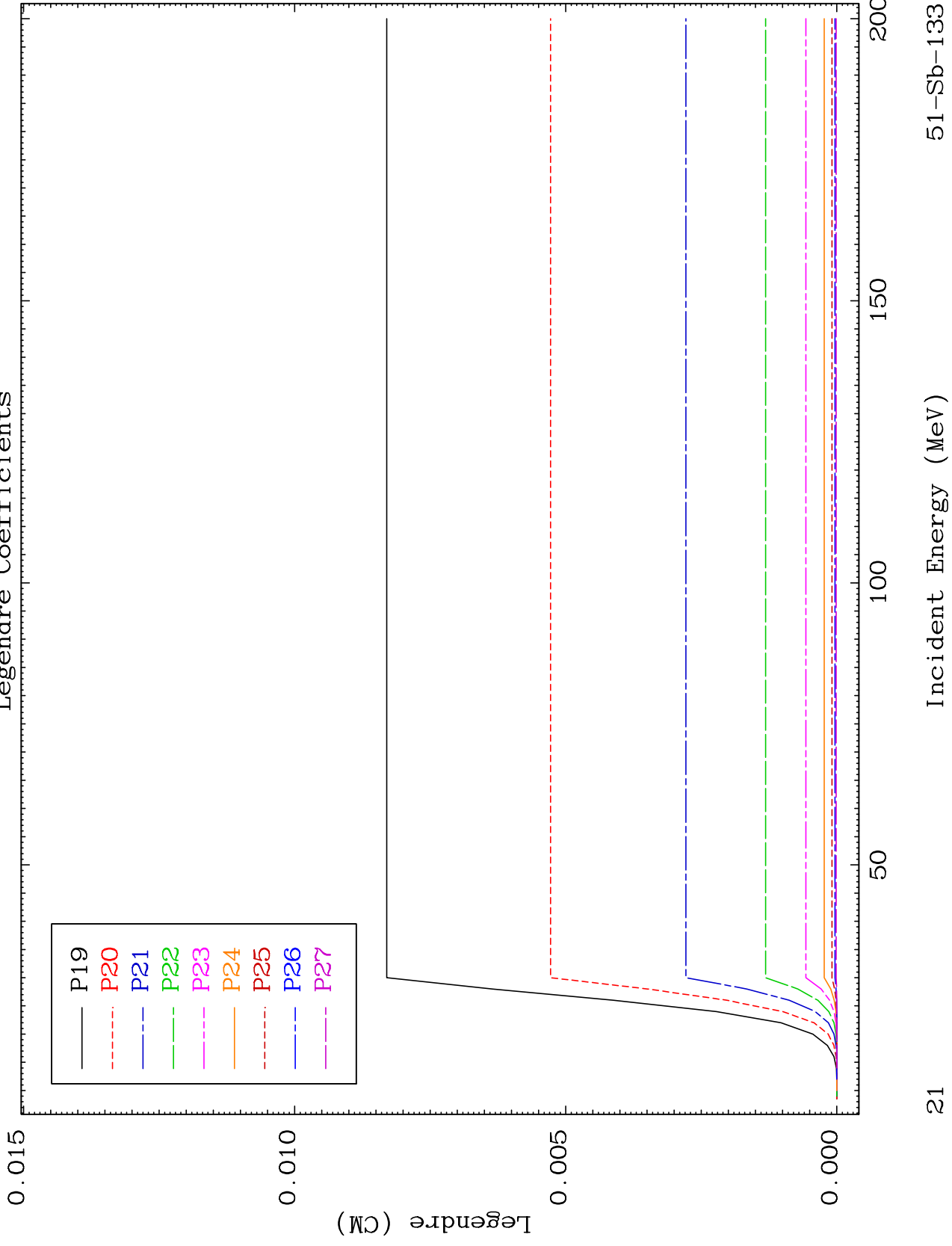
51-Sb-133



MAT 5161

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

51-Sb-133



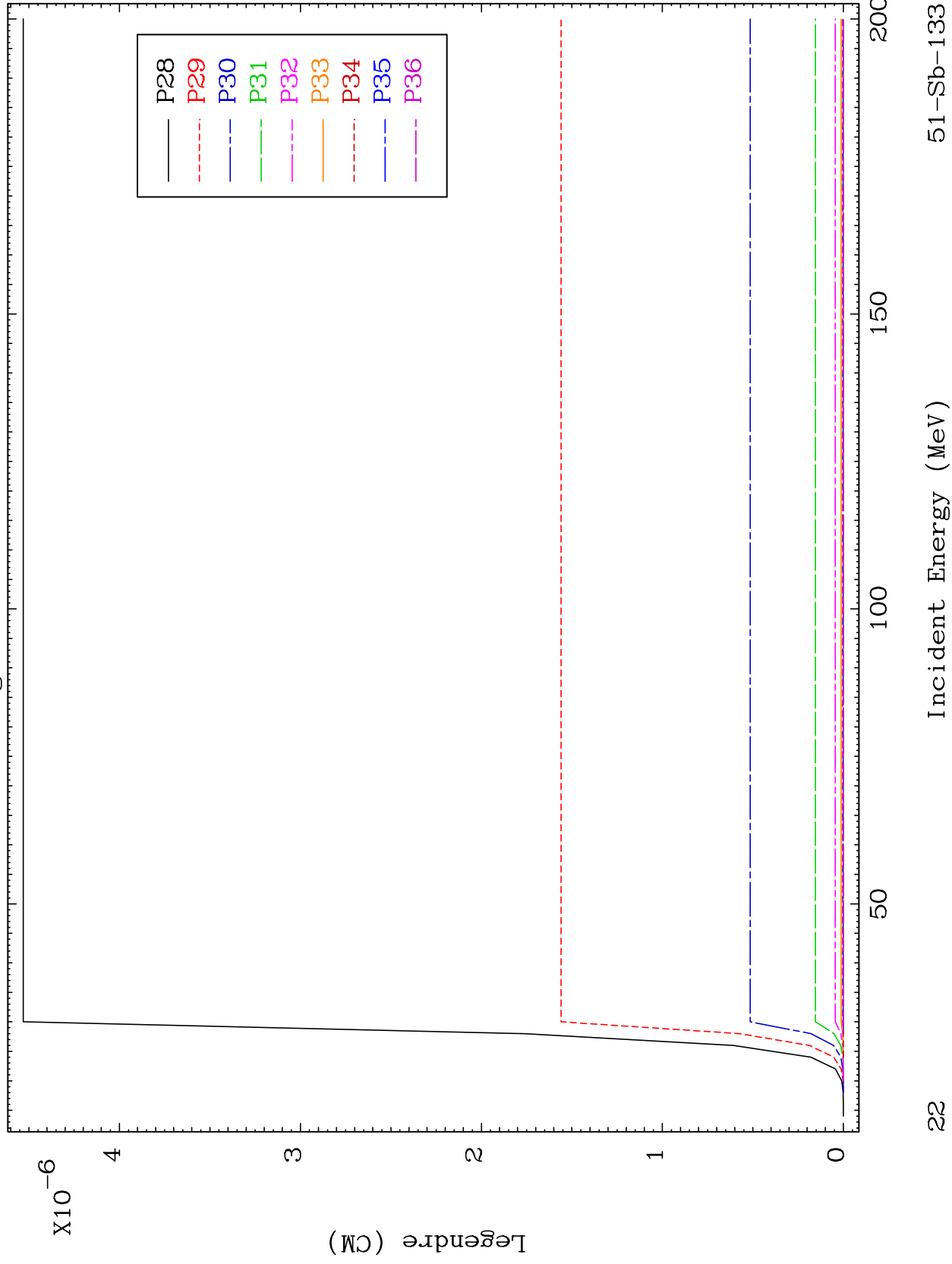
21

51-Sb-133

MAT 5161

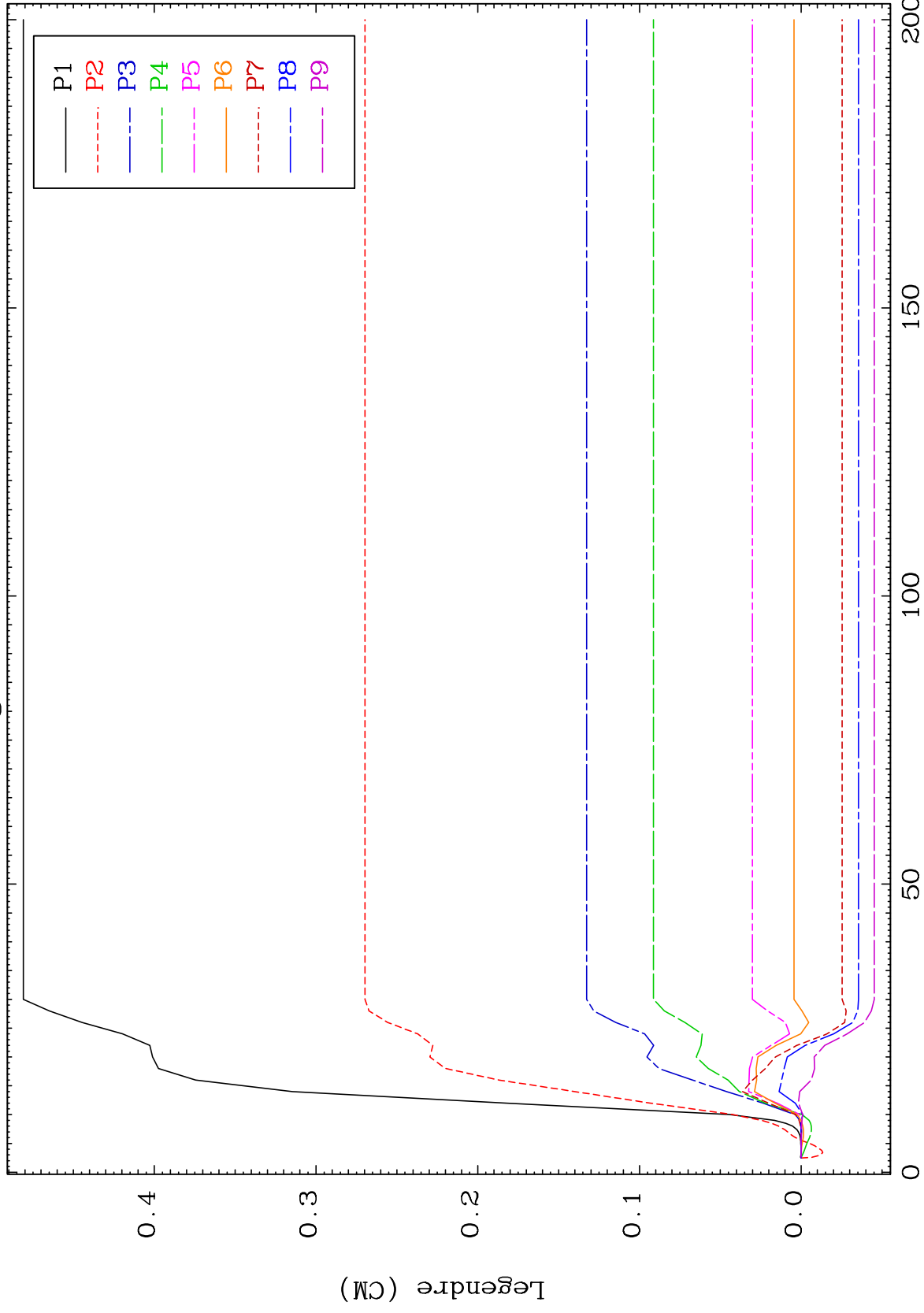
MT= 51 (n,n') Level  
Legendre Coefficients

51-Sb-133



22

51-Sb-133

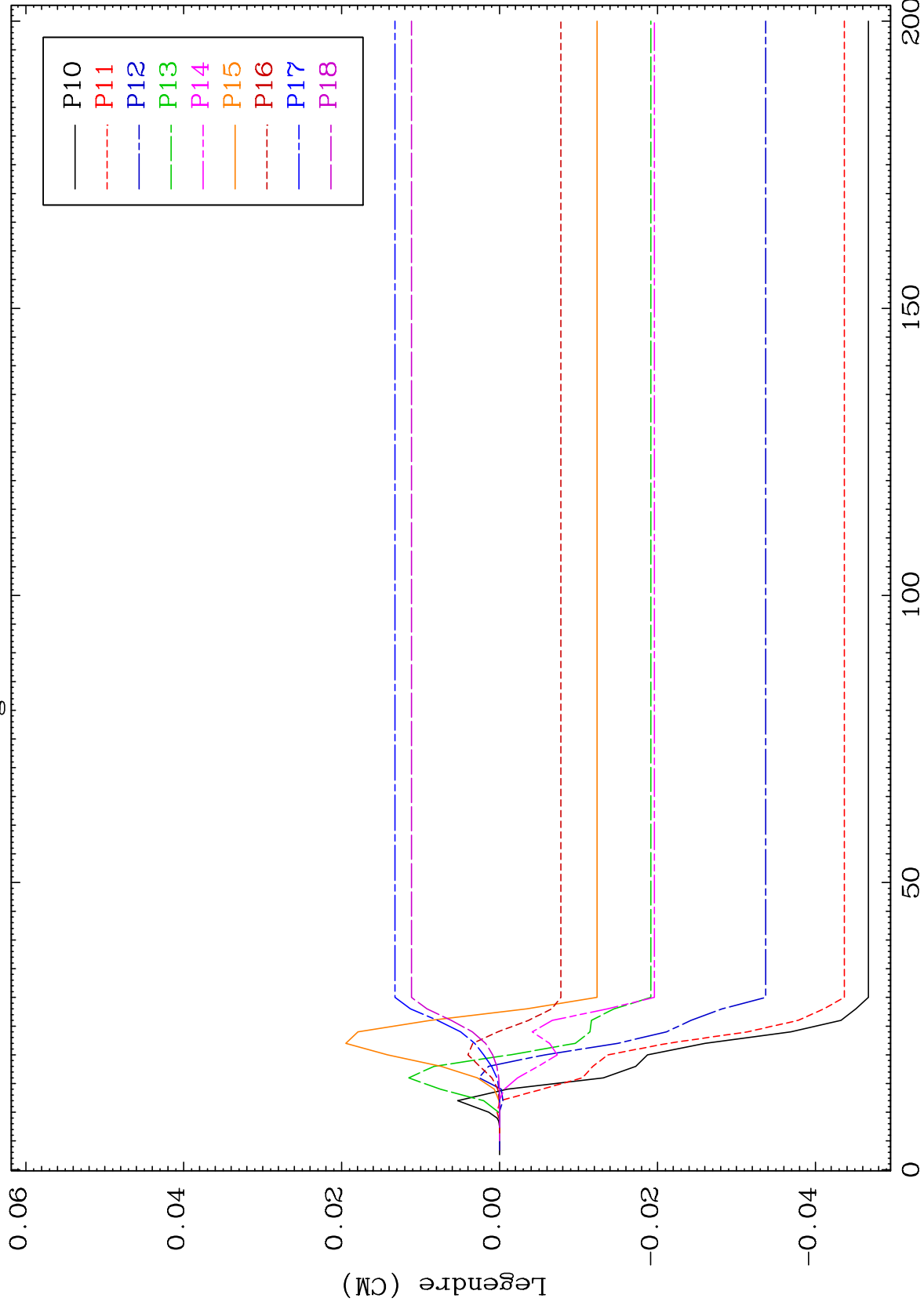




MAT 5161

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

51-Sb-133



24

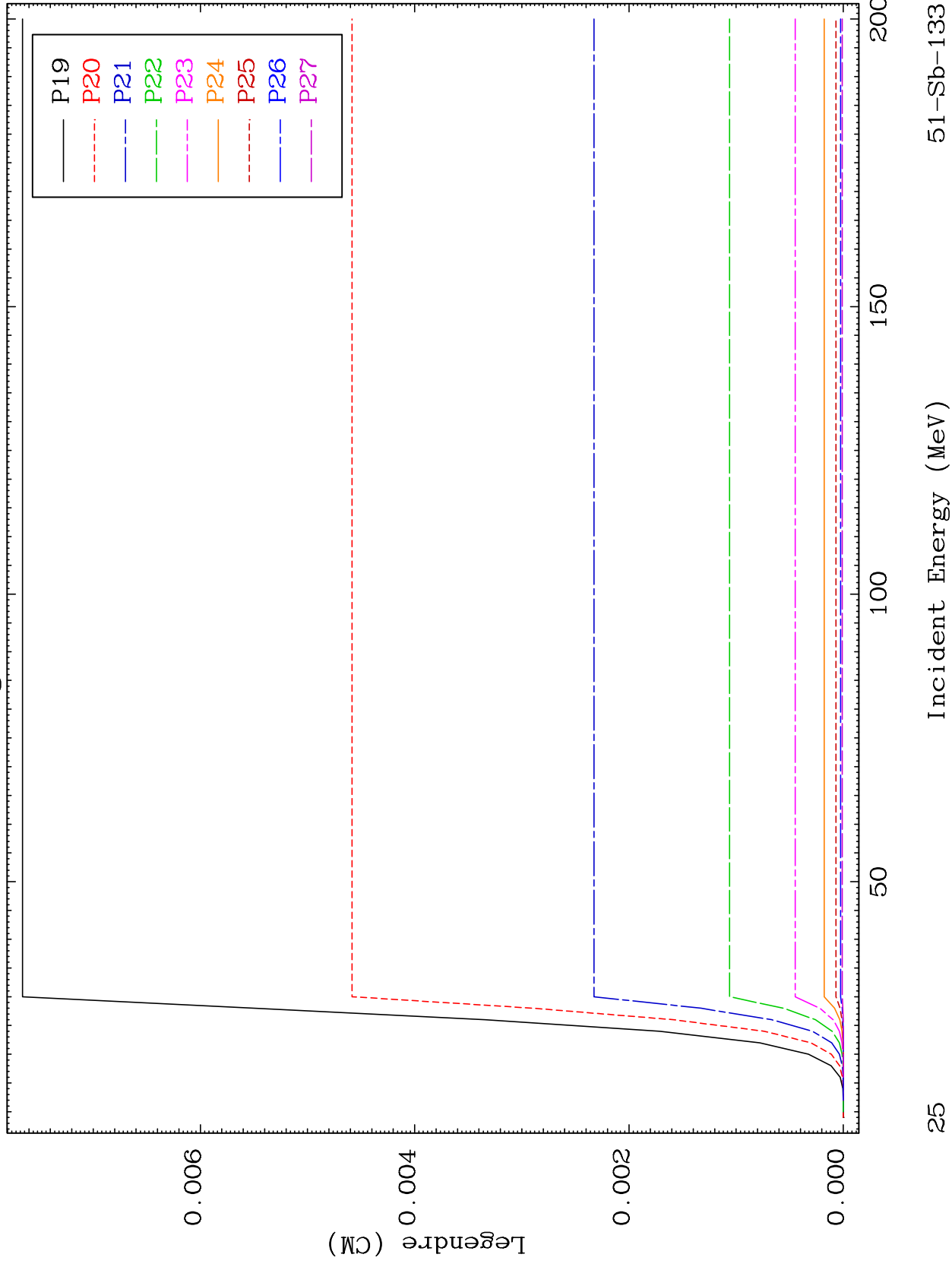
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



51-Sb-133

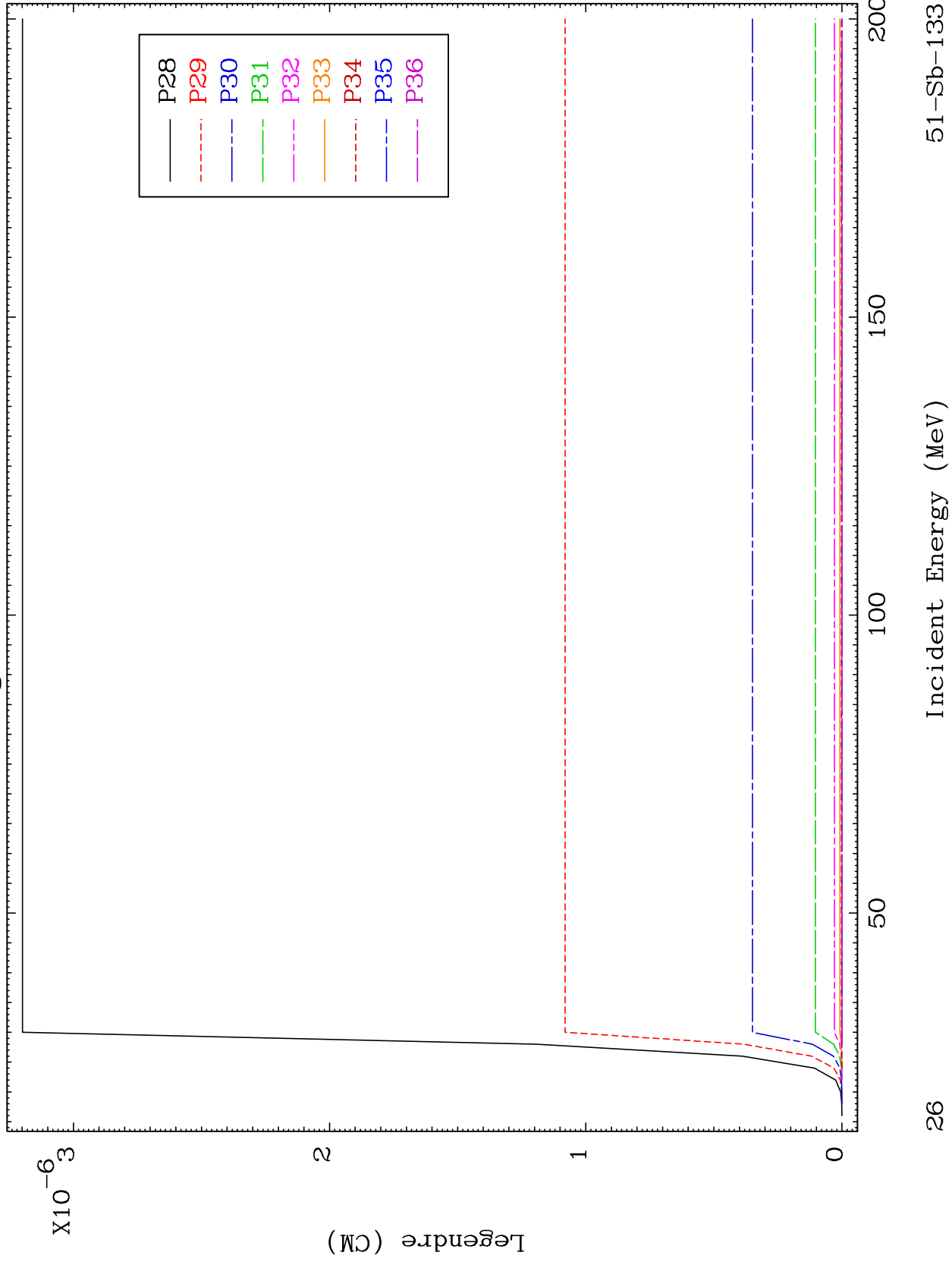
Incident Energy (MeV)

25

MAT 5161

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

51-Sb-133



26

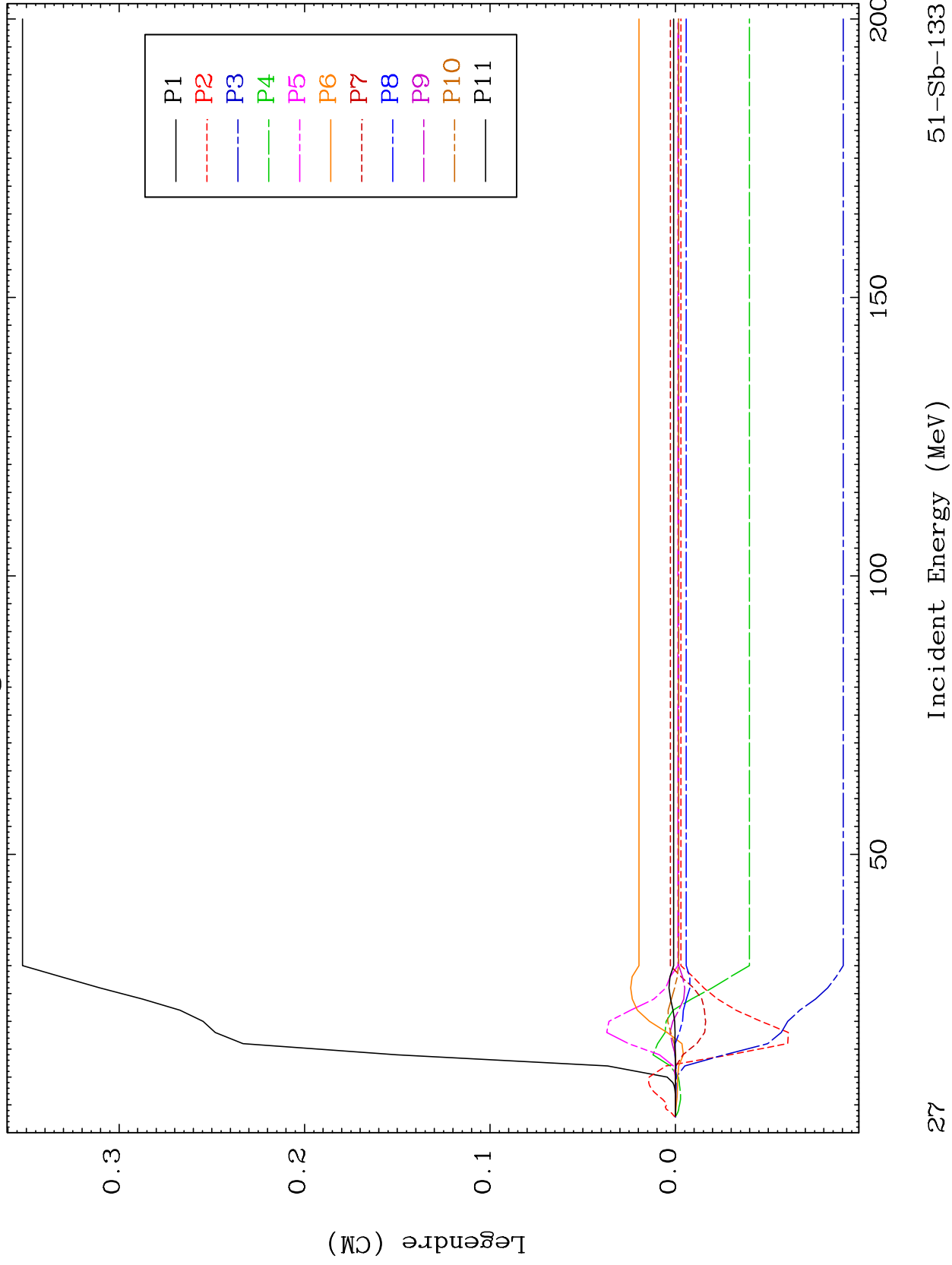
Incident Energy (MeV)

51-Sb-133

MAT 5161

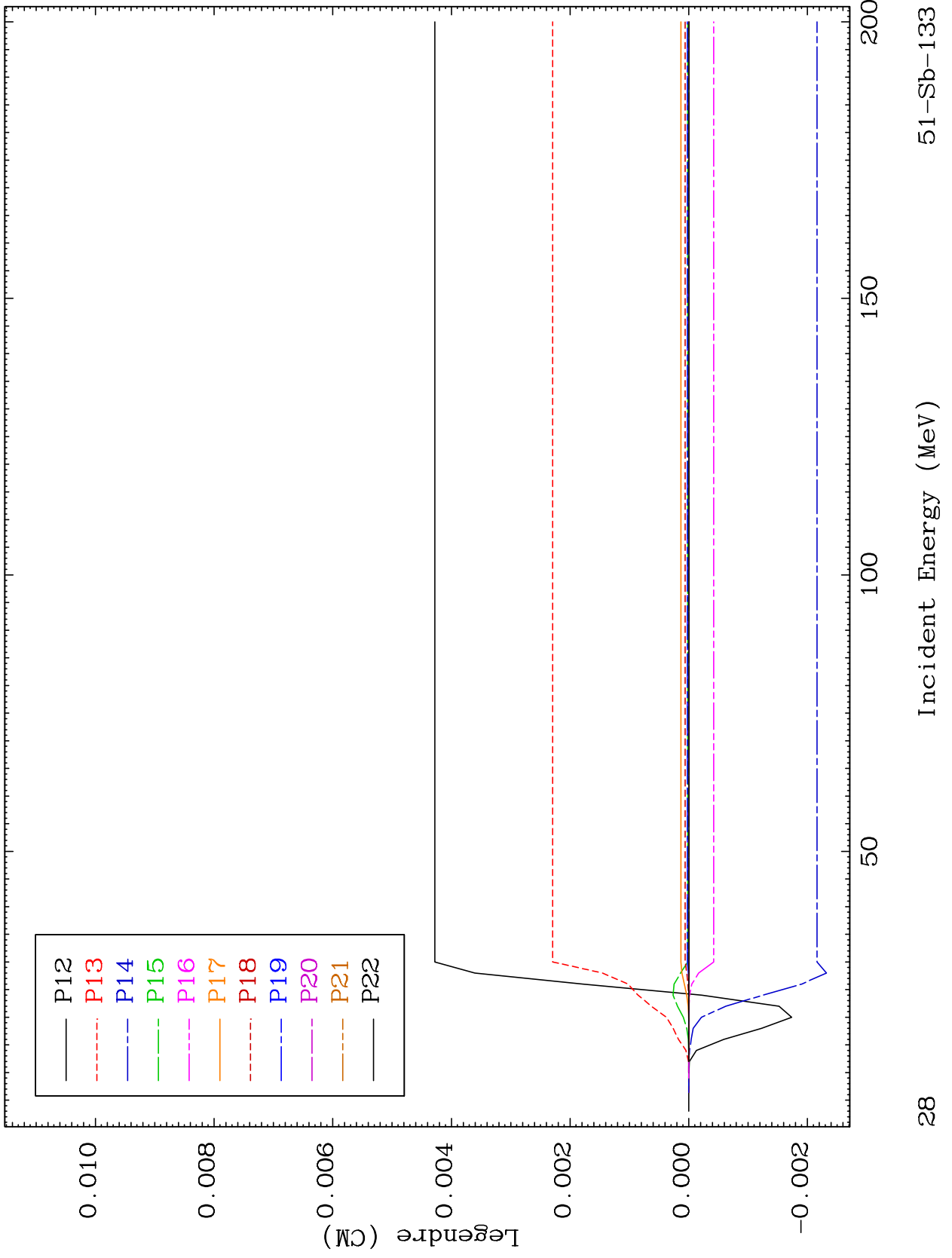
MT= 53 (n,n') Level  
Legendre Coefficients

51-Sb-133



27

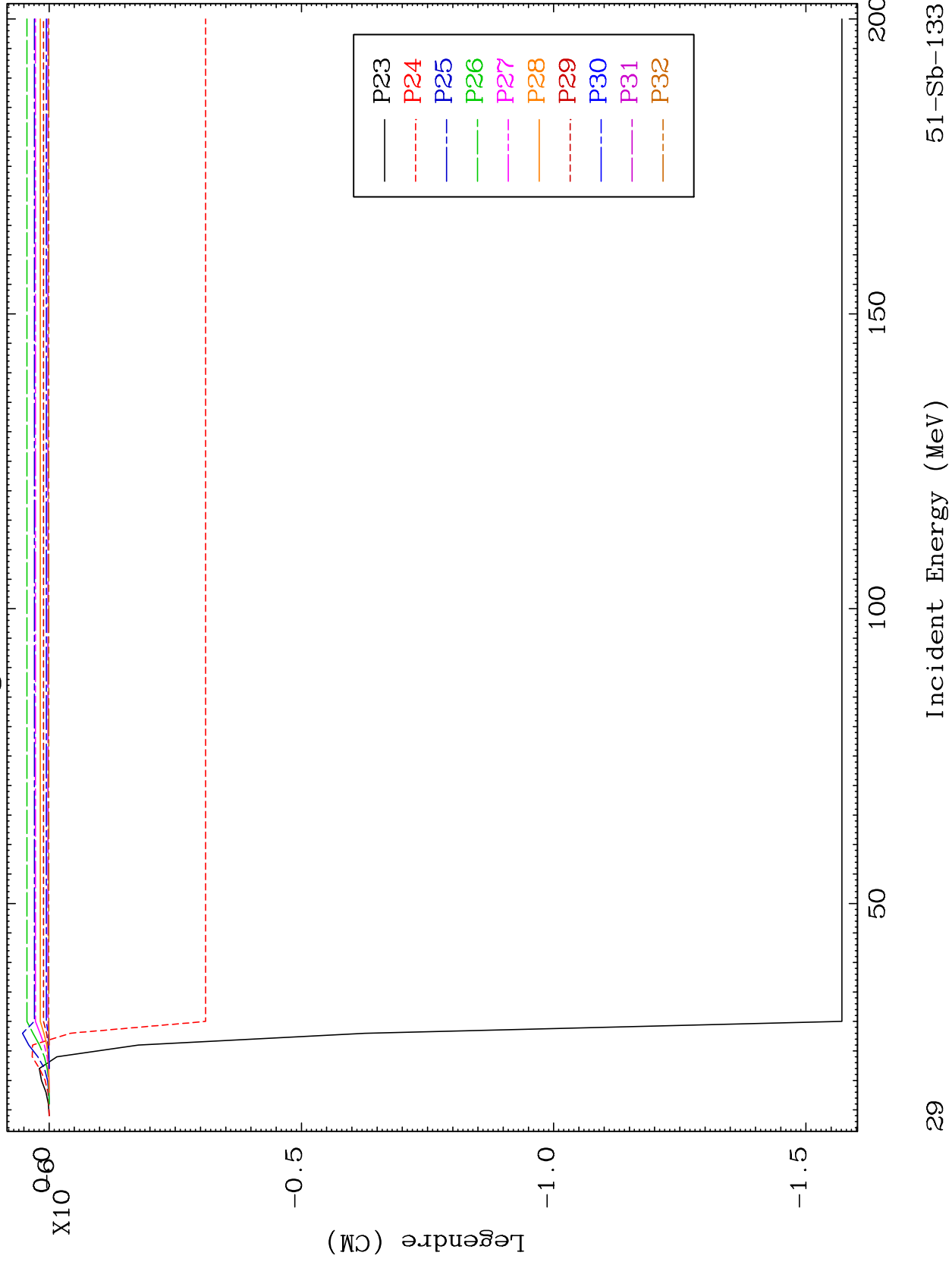
51-Sb-133



MAT 5161

51-Sb-133

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



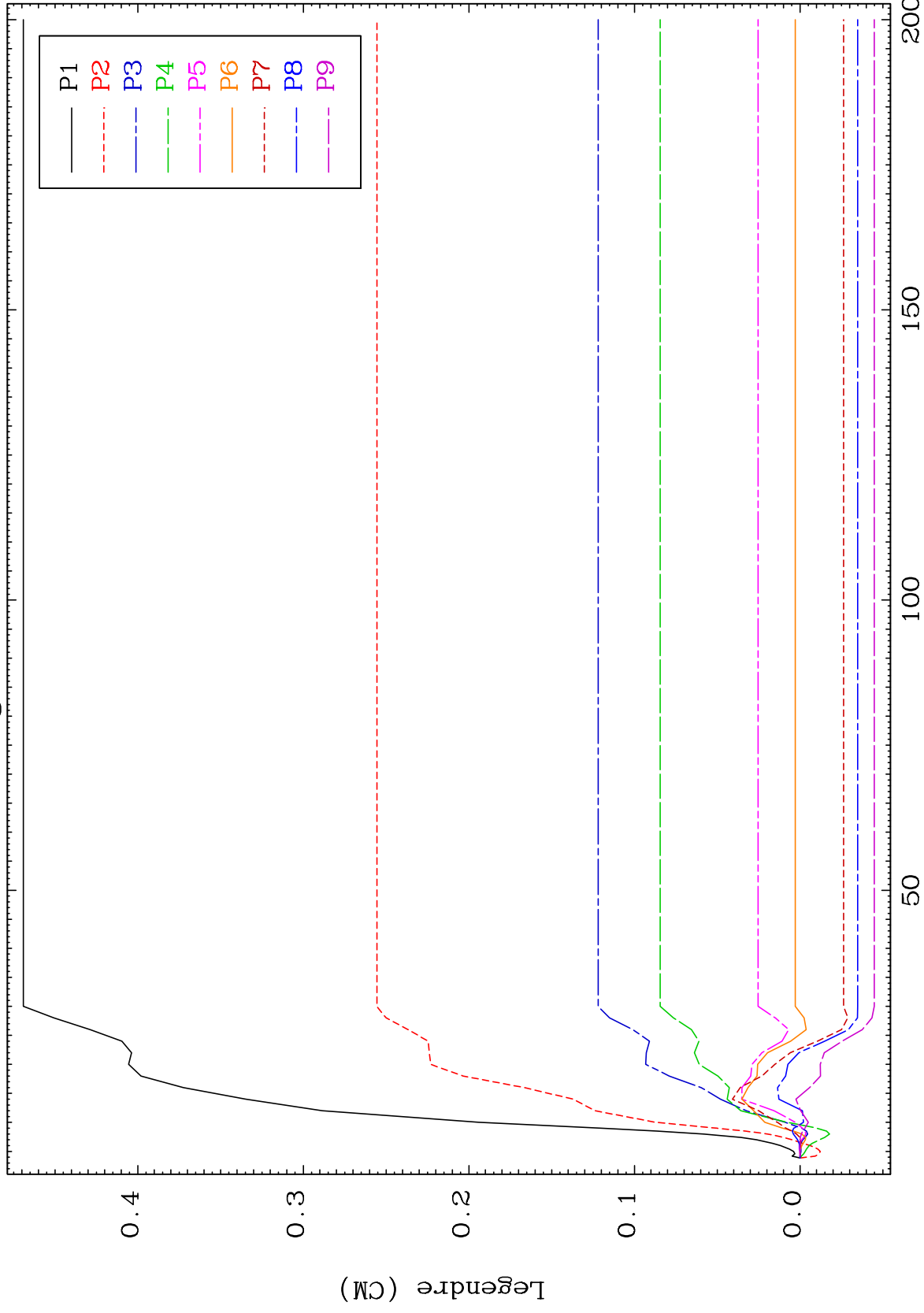
29

51-Sb-133

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

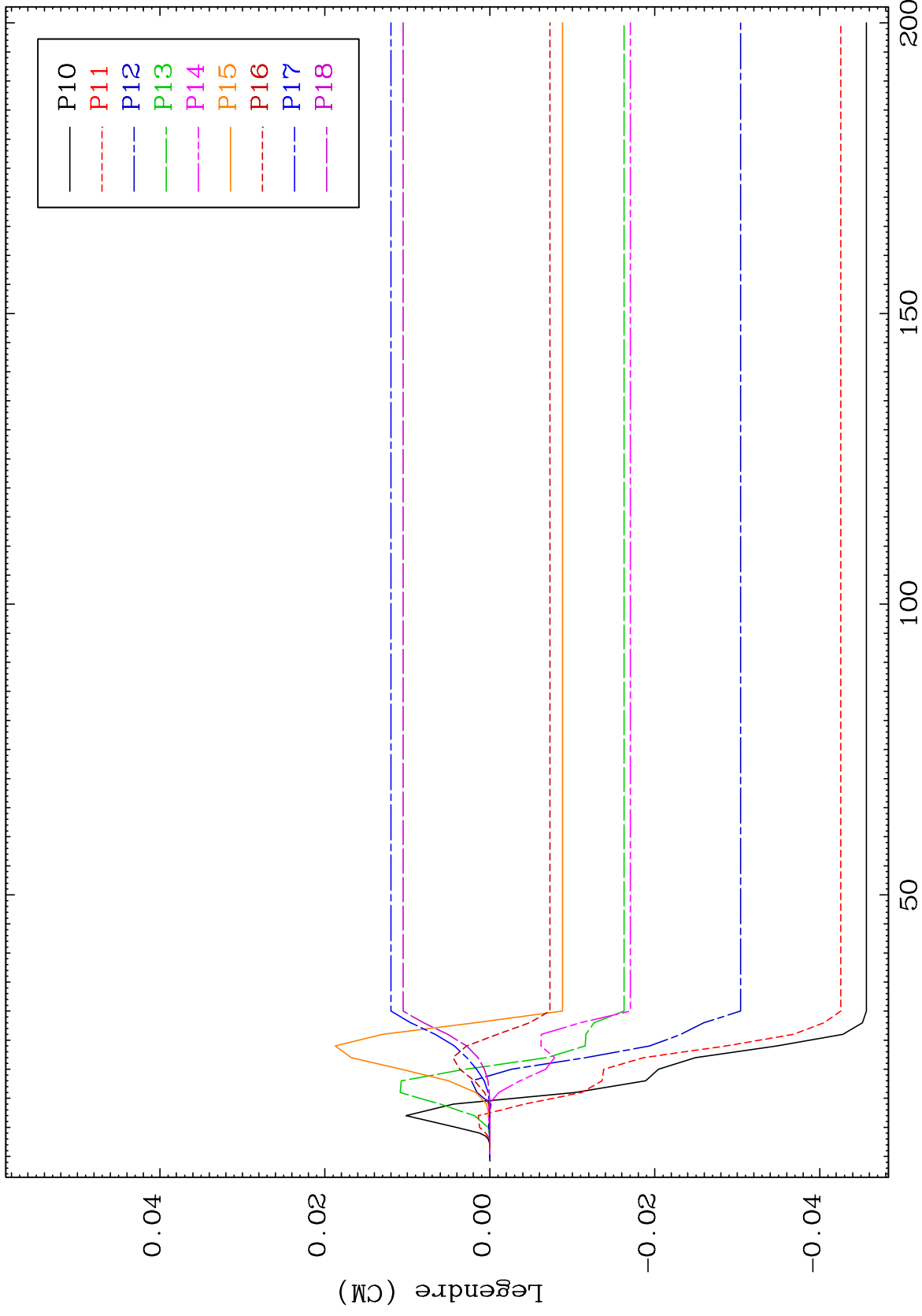
51-Sb-133



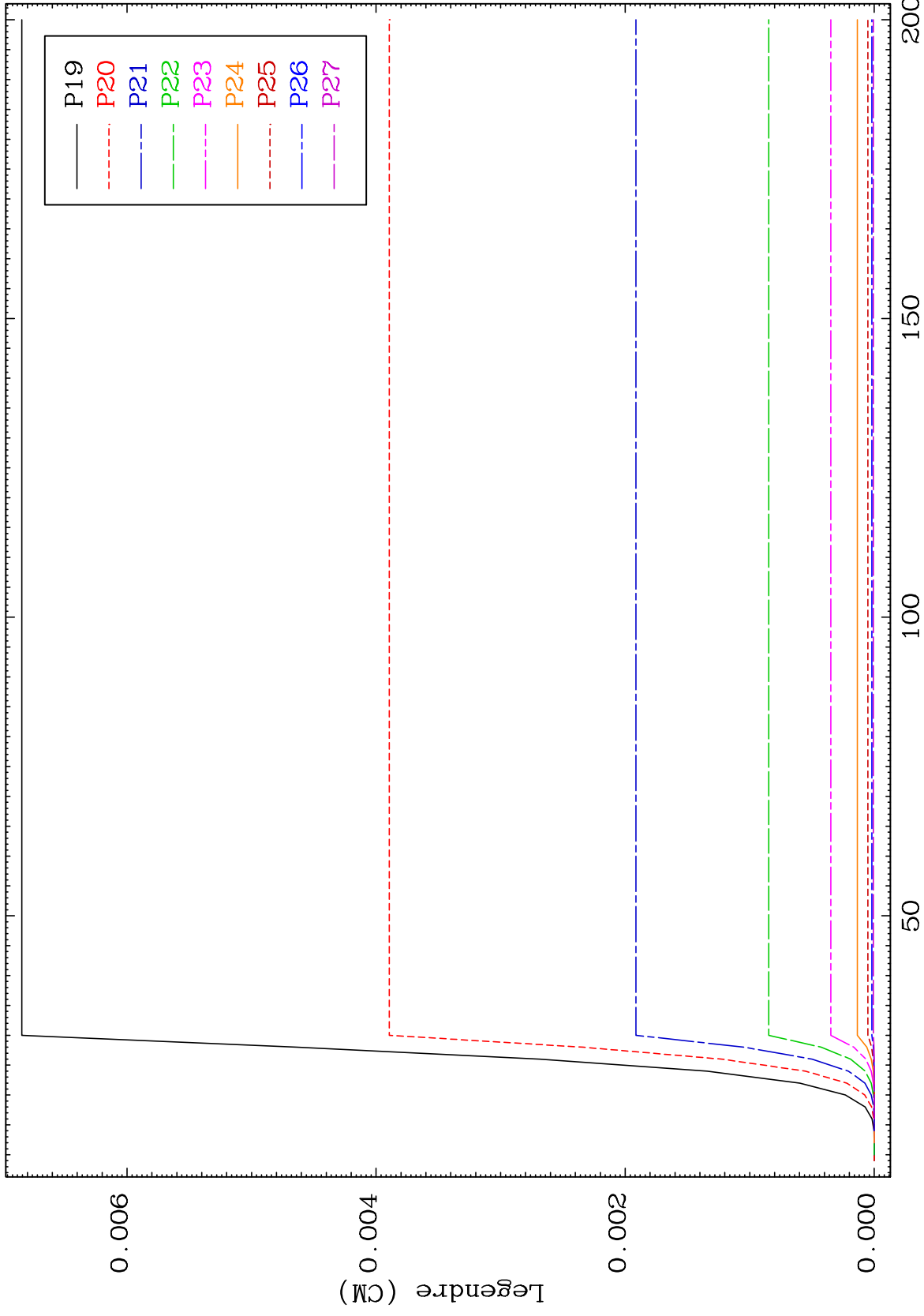
30

Incident Energy (MeV)

51-Sb-133



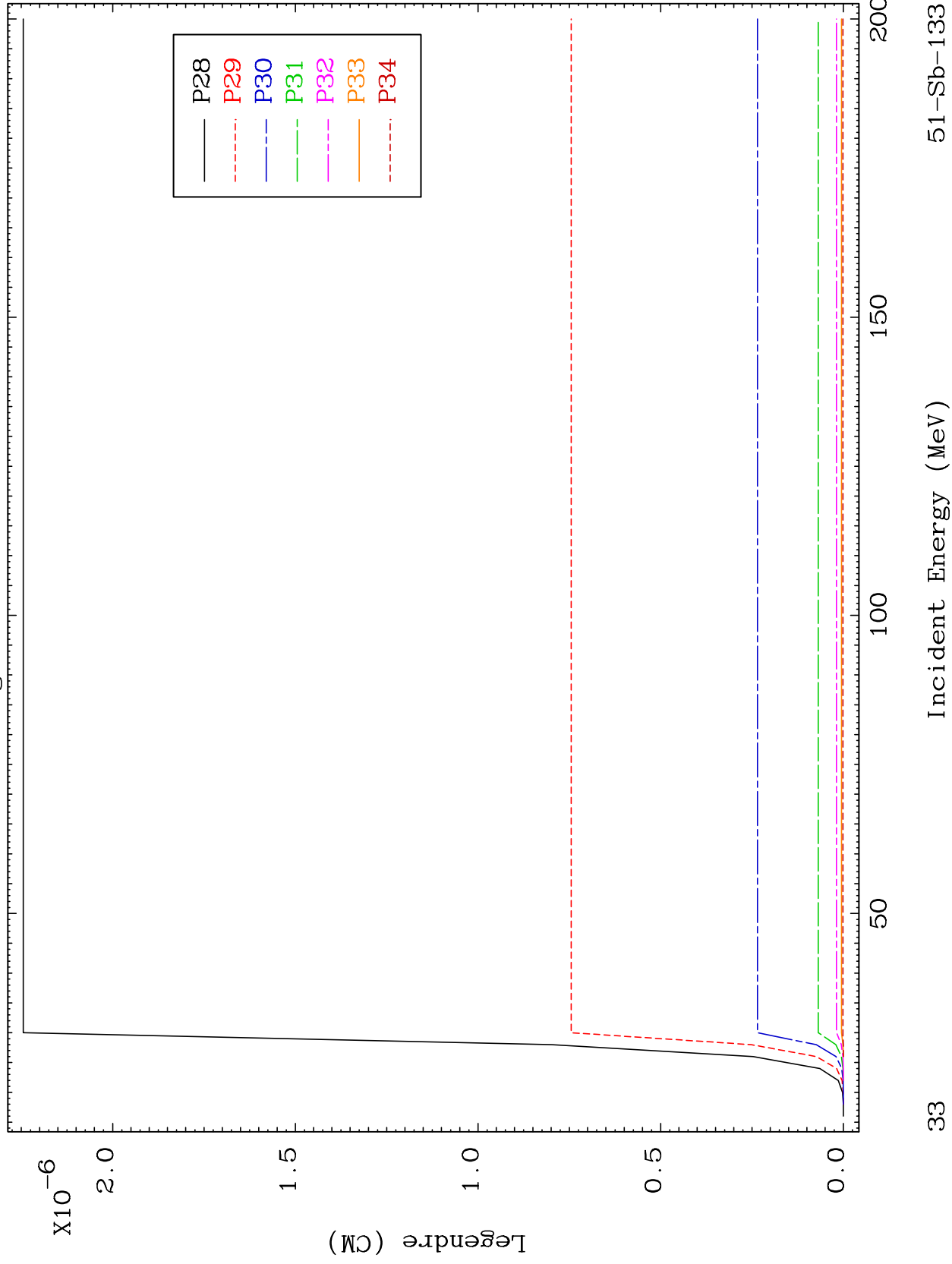




MAT 5161

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

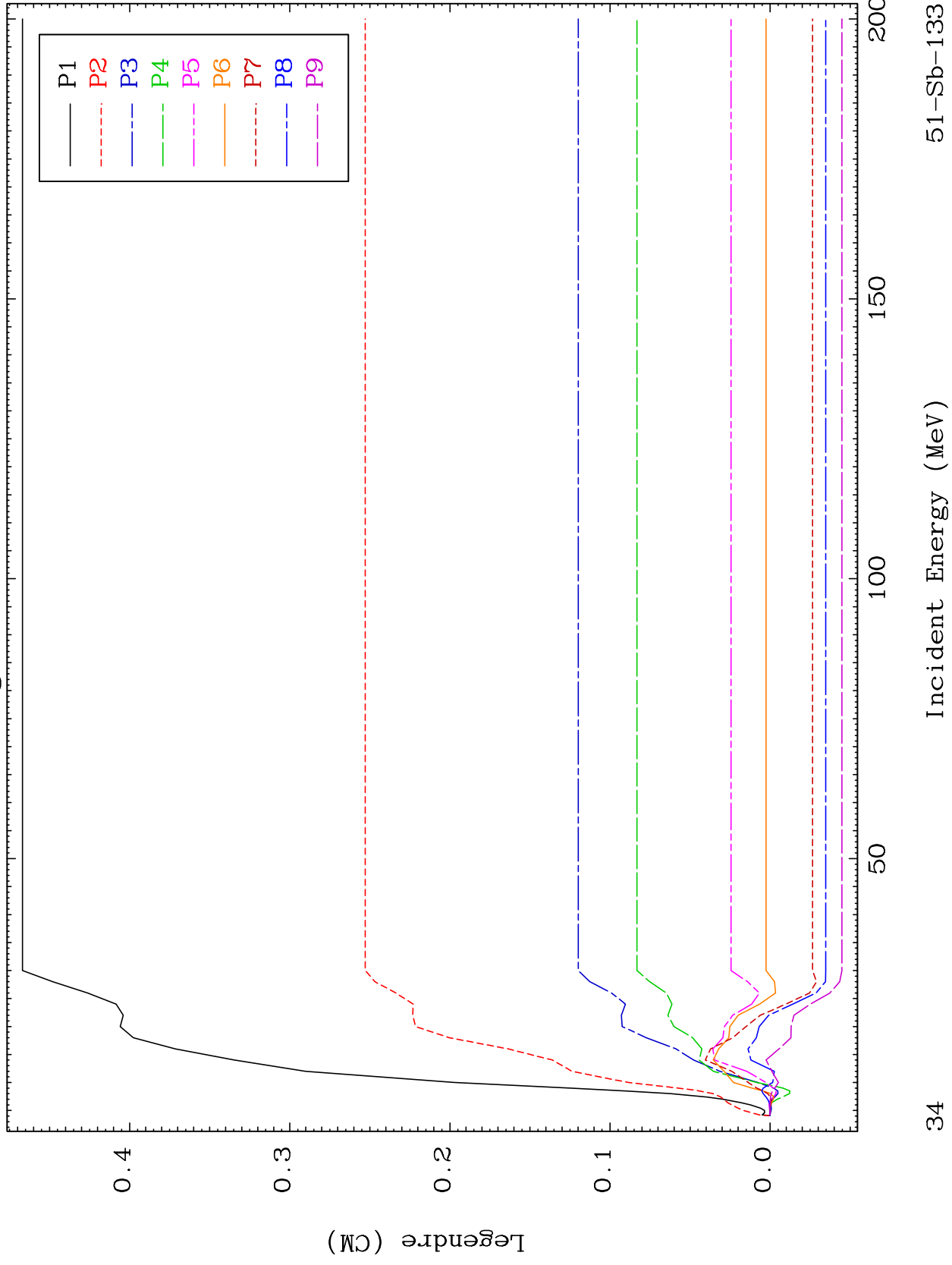
51-Sb-133



MAT 5161

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

51-Sb-133



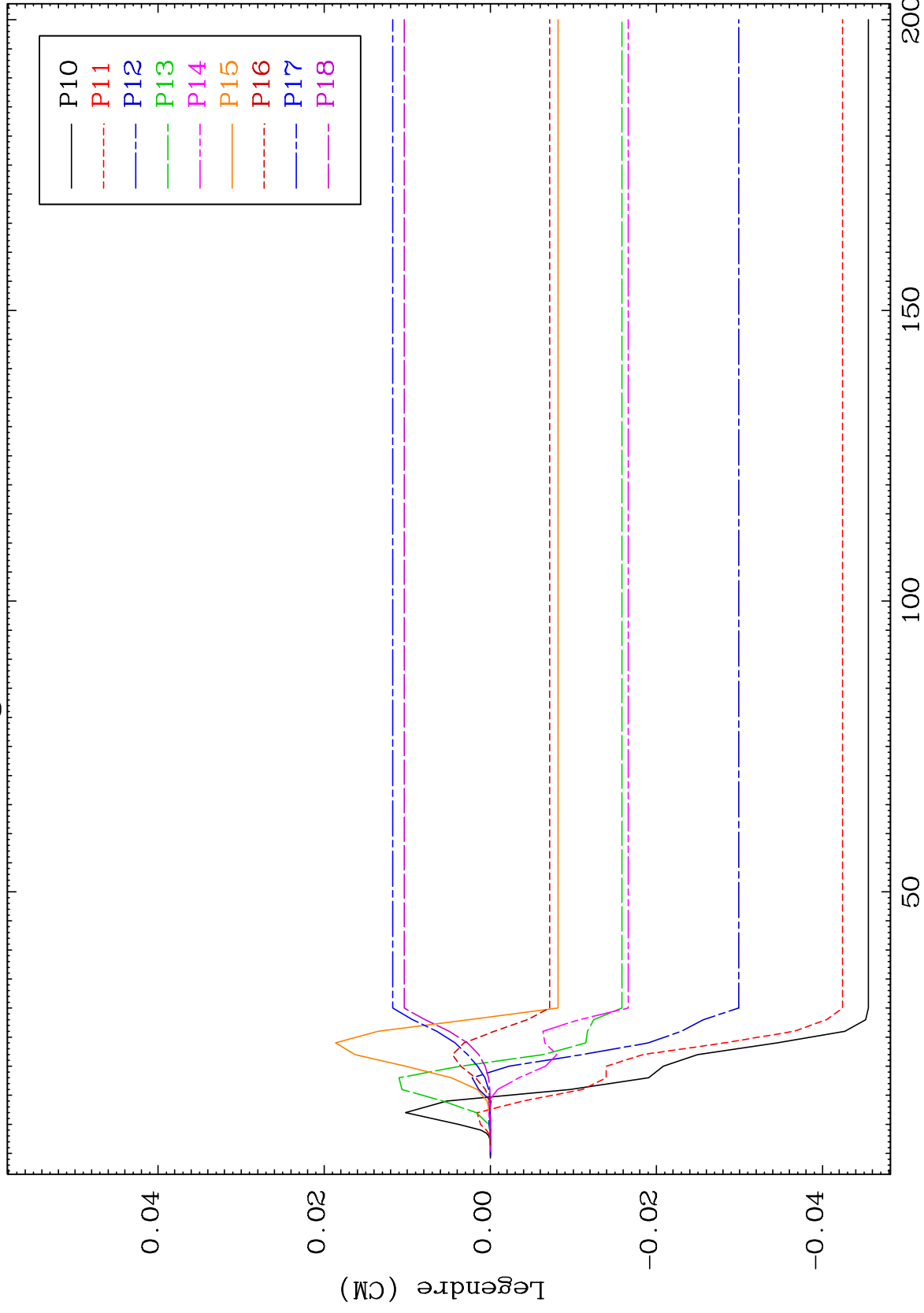
34

51-Sb-133

MAT 5161

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

51-Sb-133



35

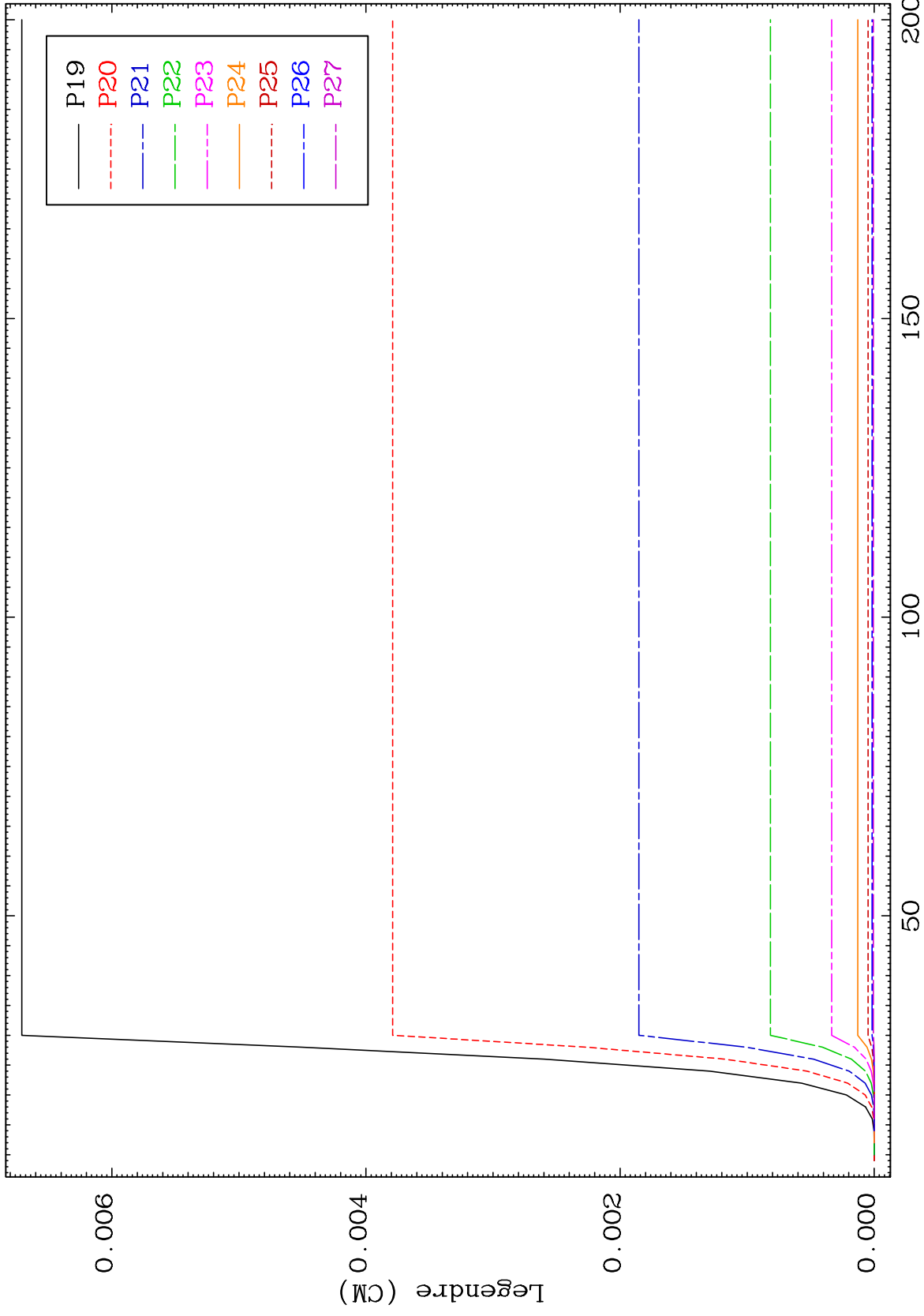
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



36

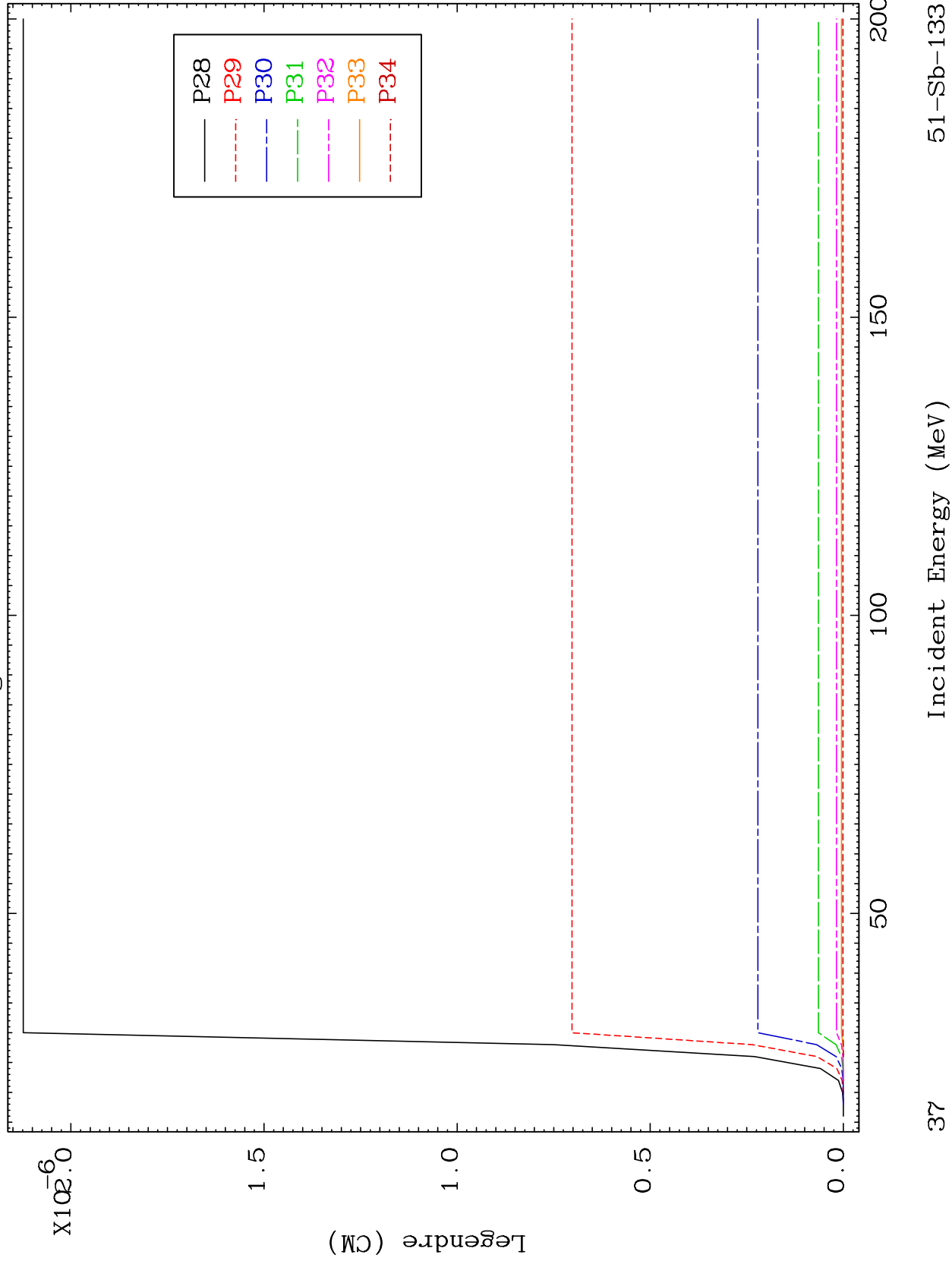
Incident Energy (MeV)

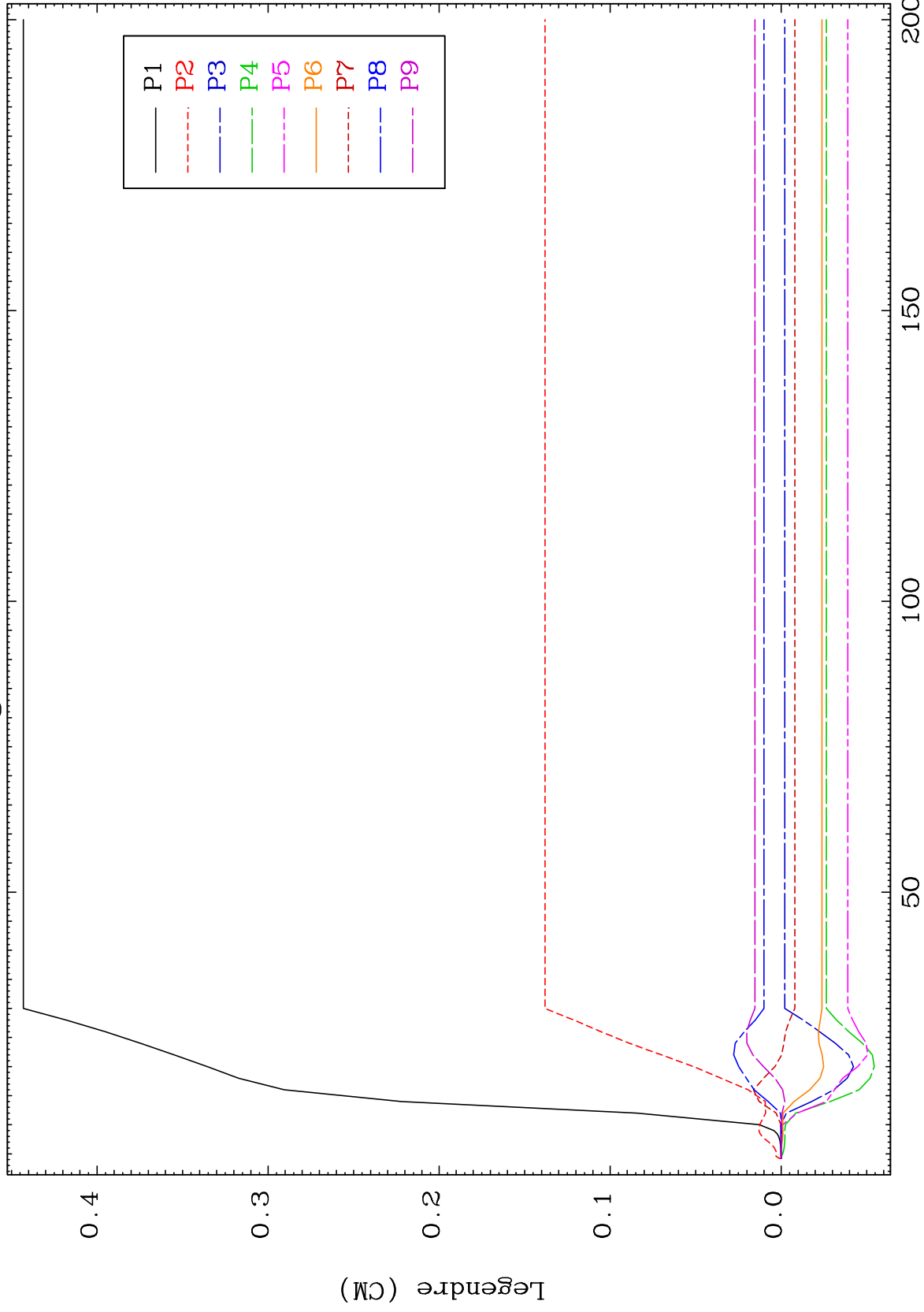
51-Sb-133

MAT 5161

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

51-Sb-133

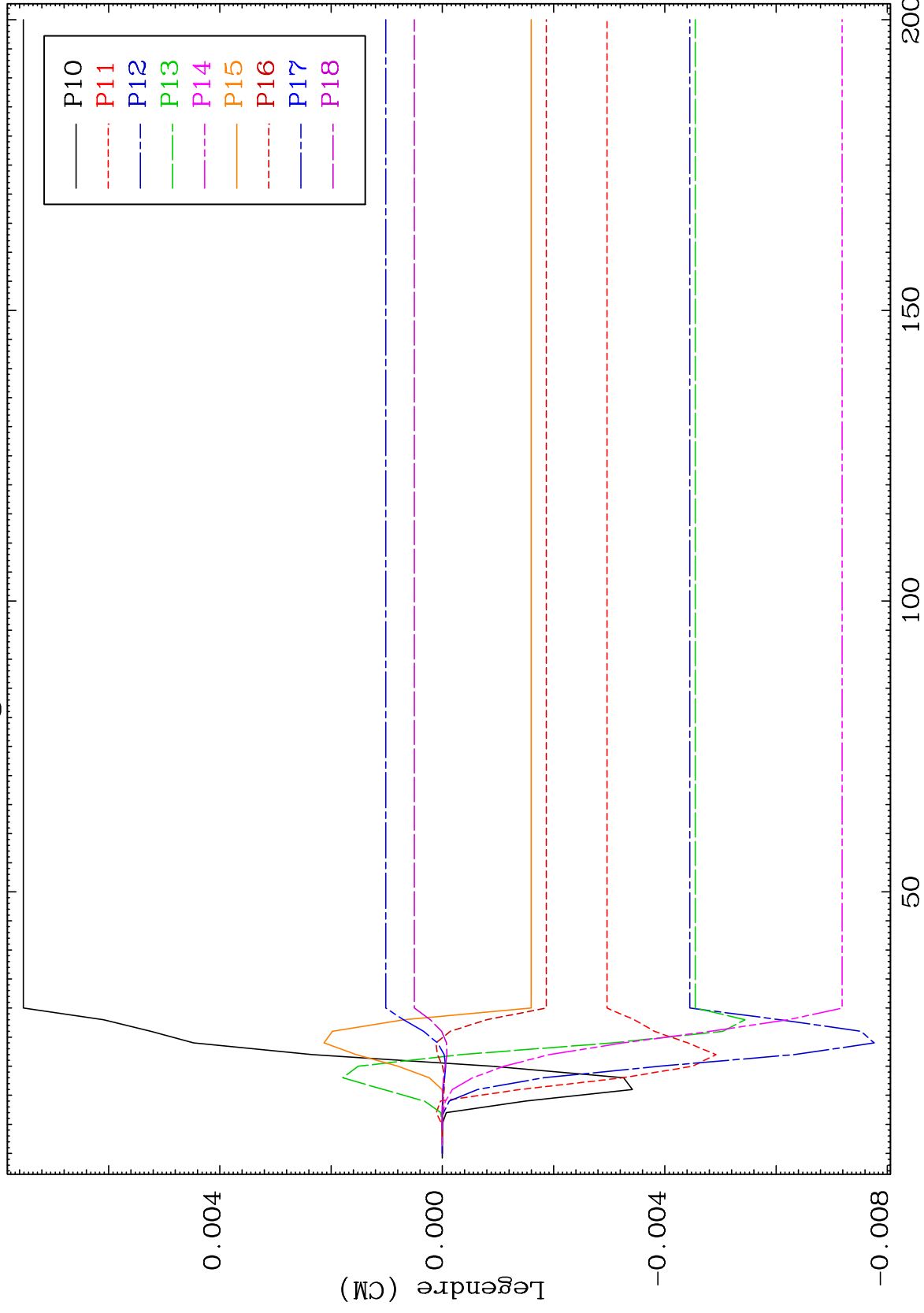




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MT= 56 (n,n') Level  
Legendre Coefficients

51-Sb-133



39

Incident Energy (MeV)

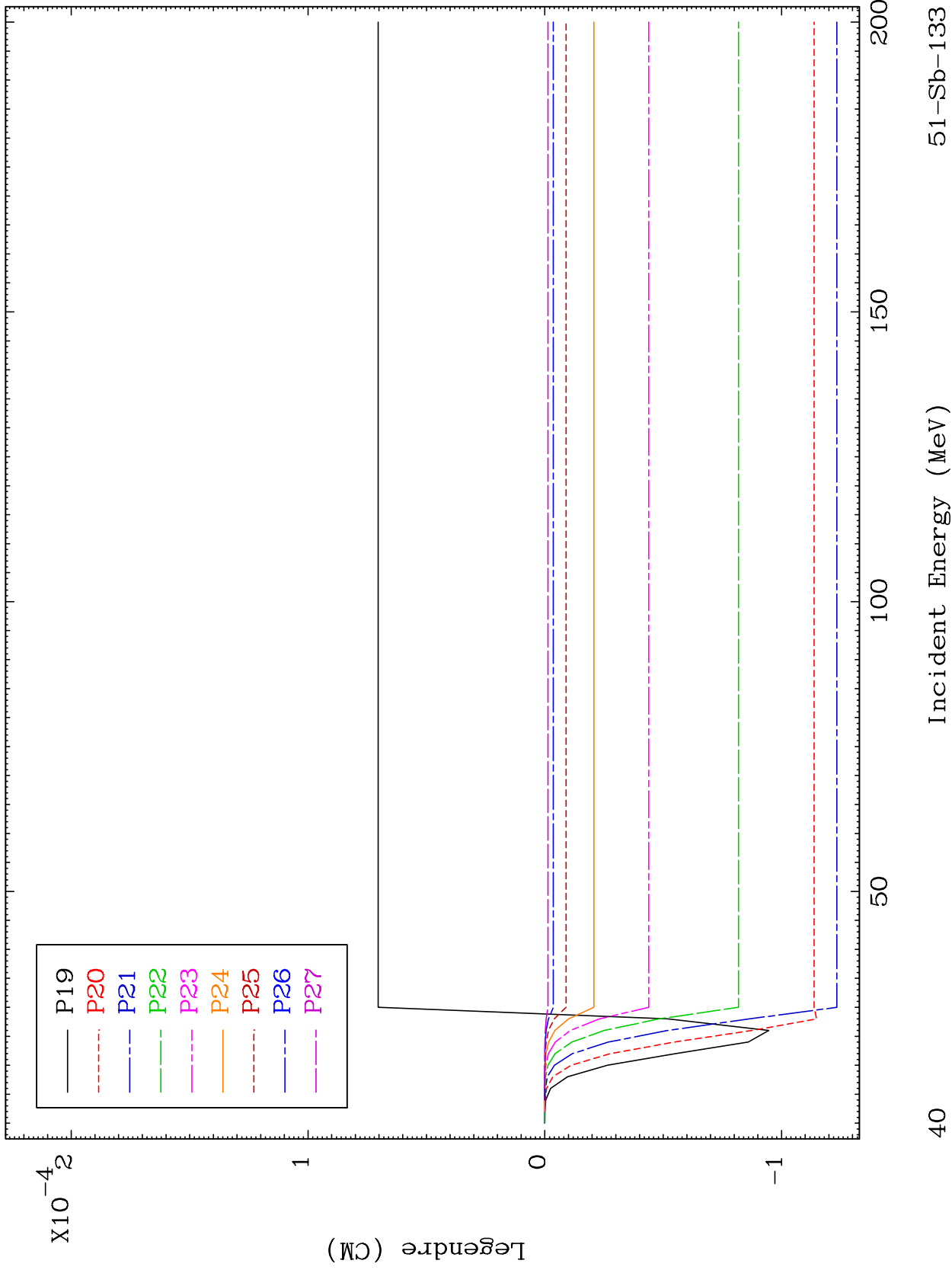
51-Sb-133



MAT 5161

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

51-Sb-133



40

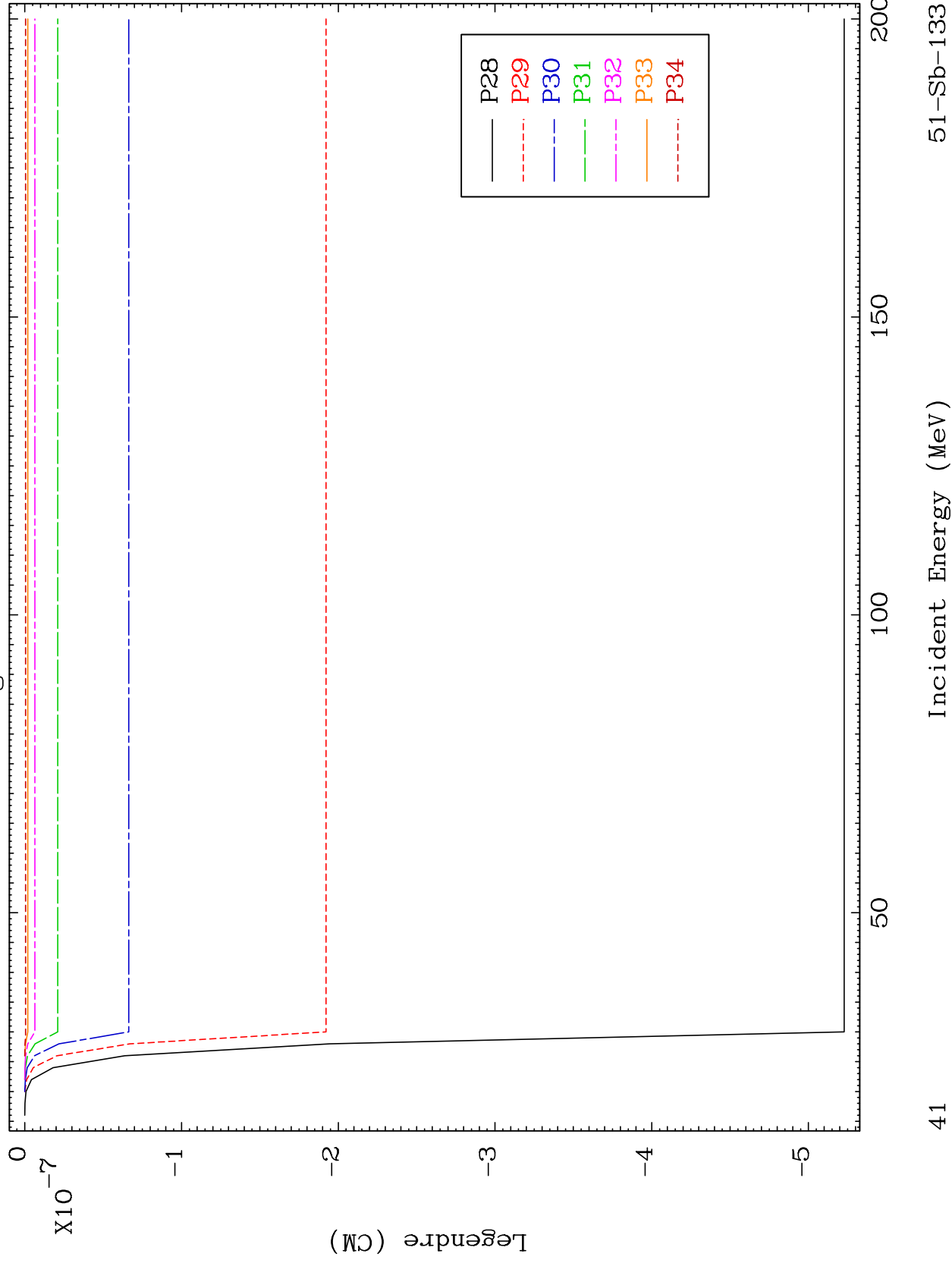
Incident Energy (MeV)

51-Sb-133

MAT 5161

51-Sb-133

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



41

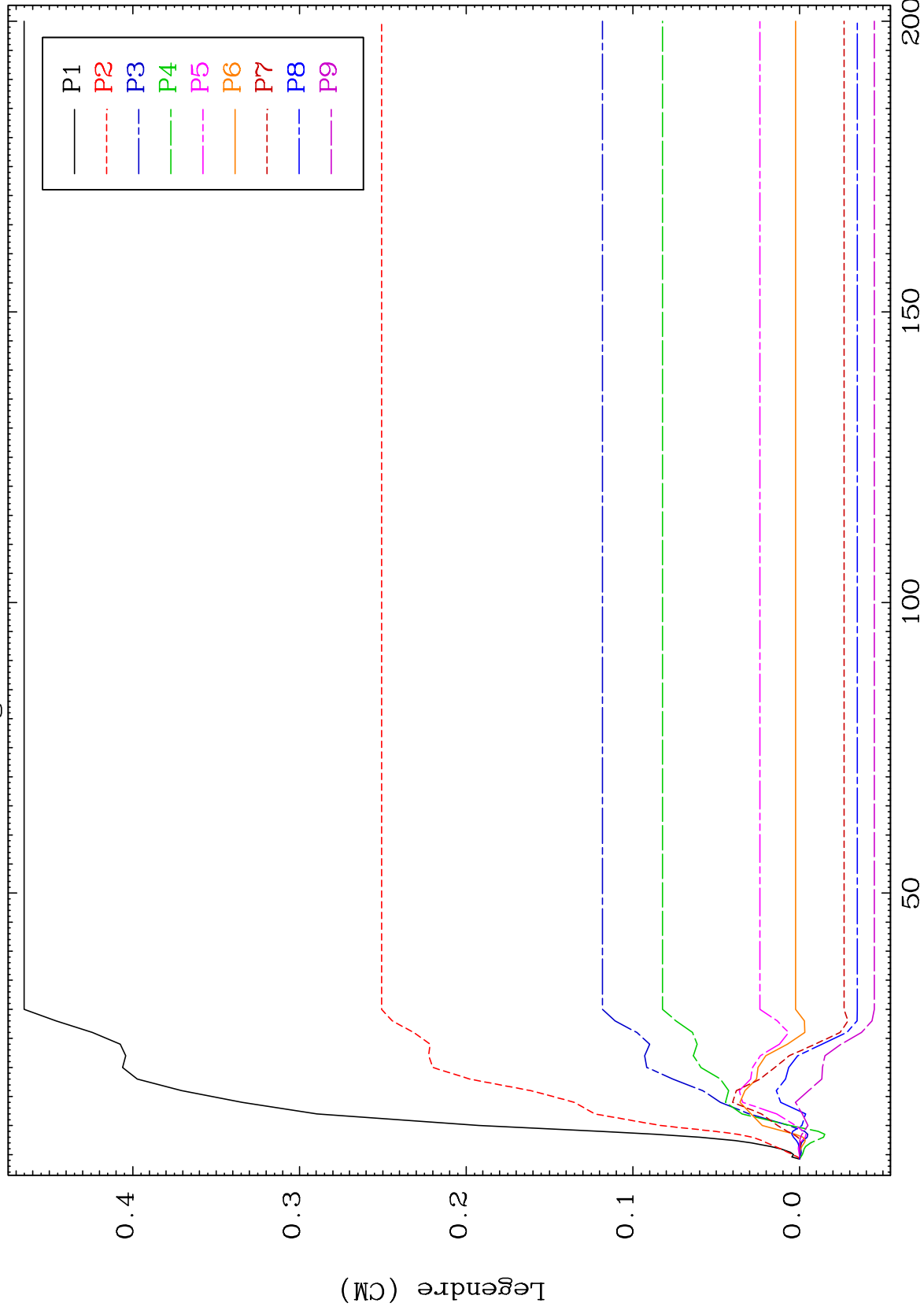
51-Sb-133

Incident Energy (MeV)

MAT 5161

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

51-Sb-133



42

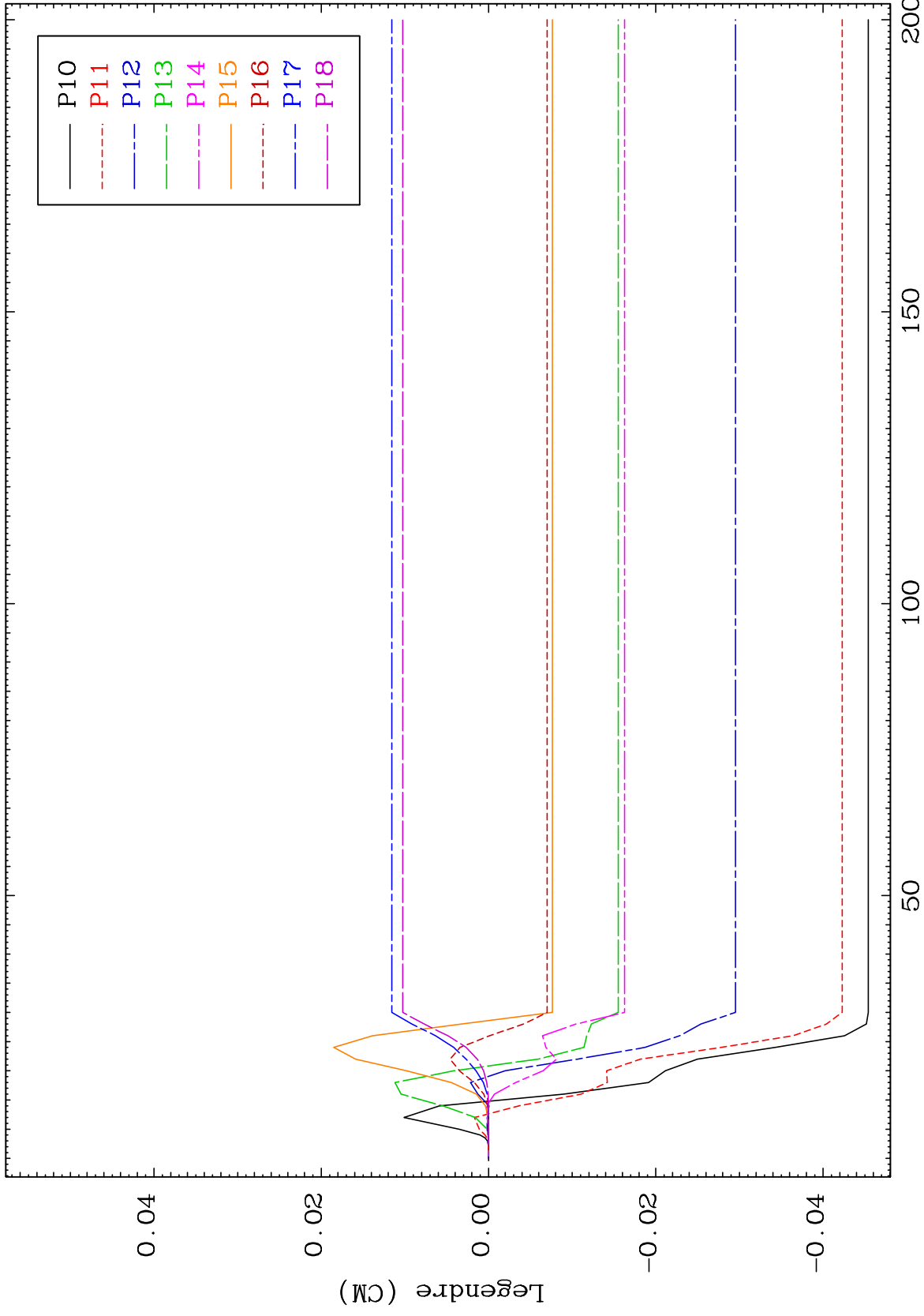
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



43

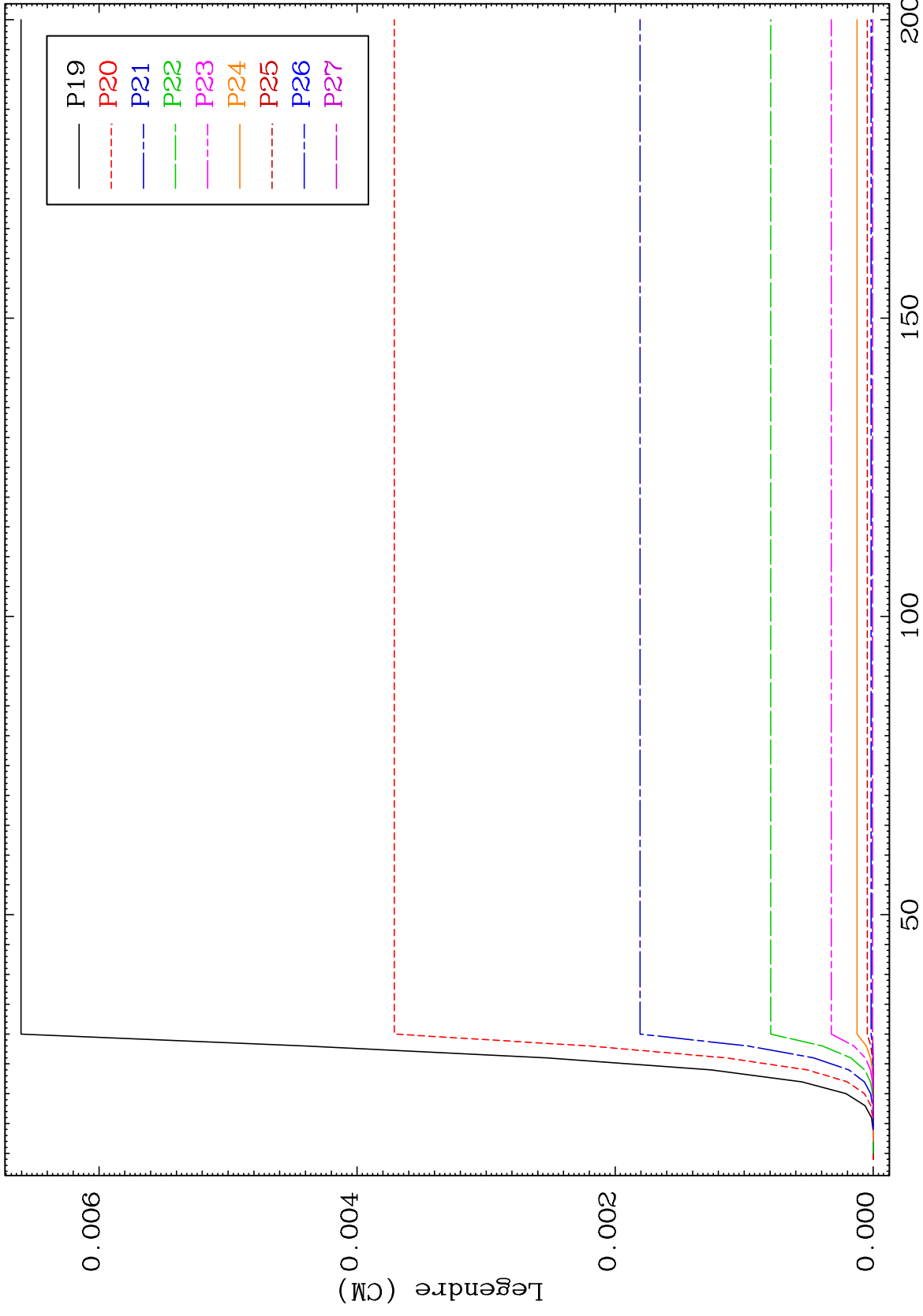
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



44

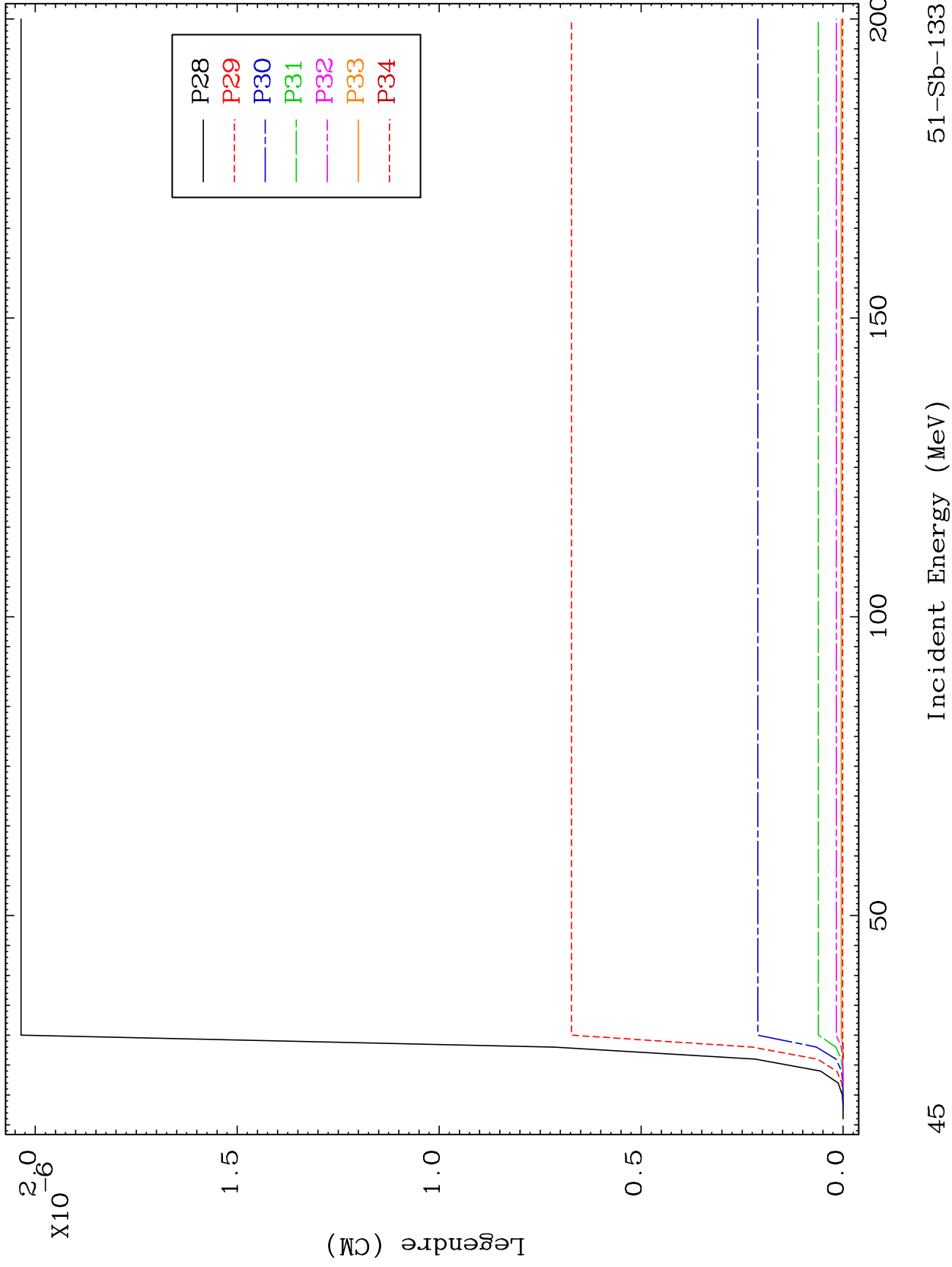
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



51-Sb-133

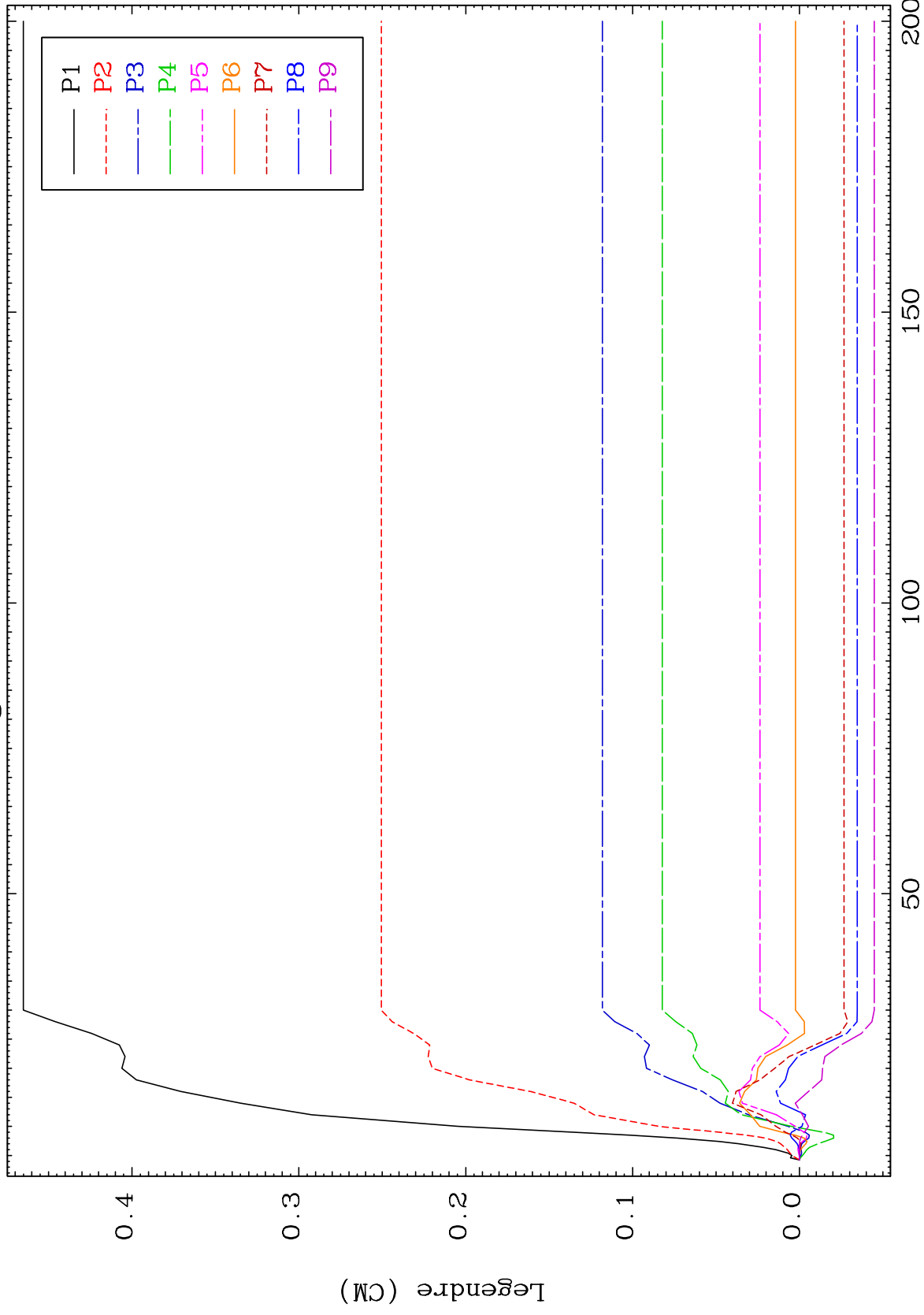
Incident Energy (MeV)

45

MAT 5161

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

51-Sb-133



46

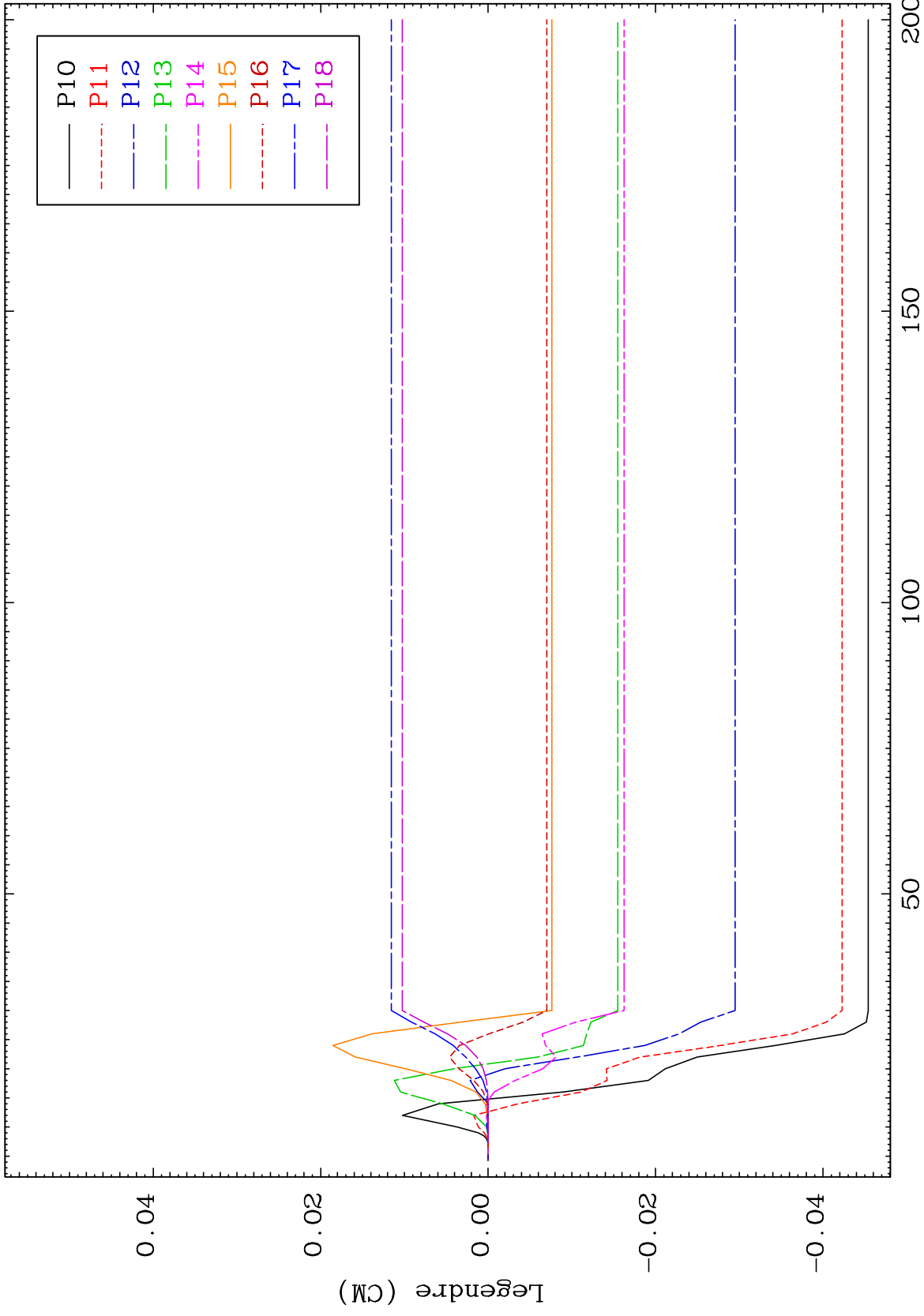
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



47

Incident Energy (MeV)

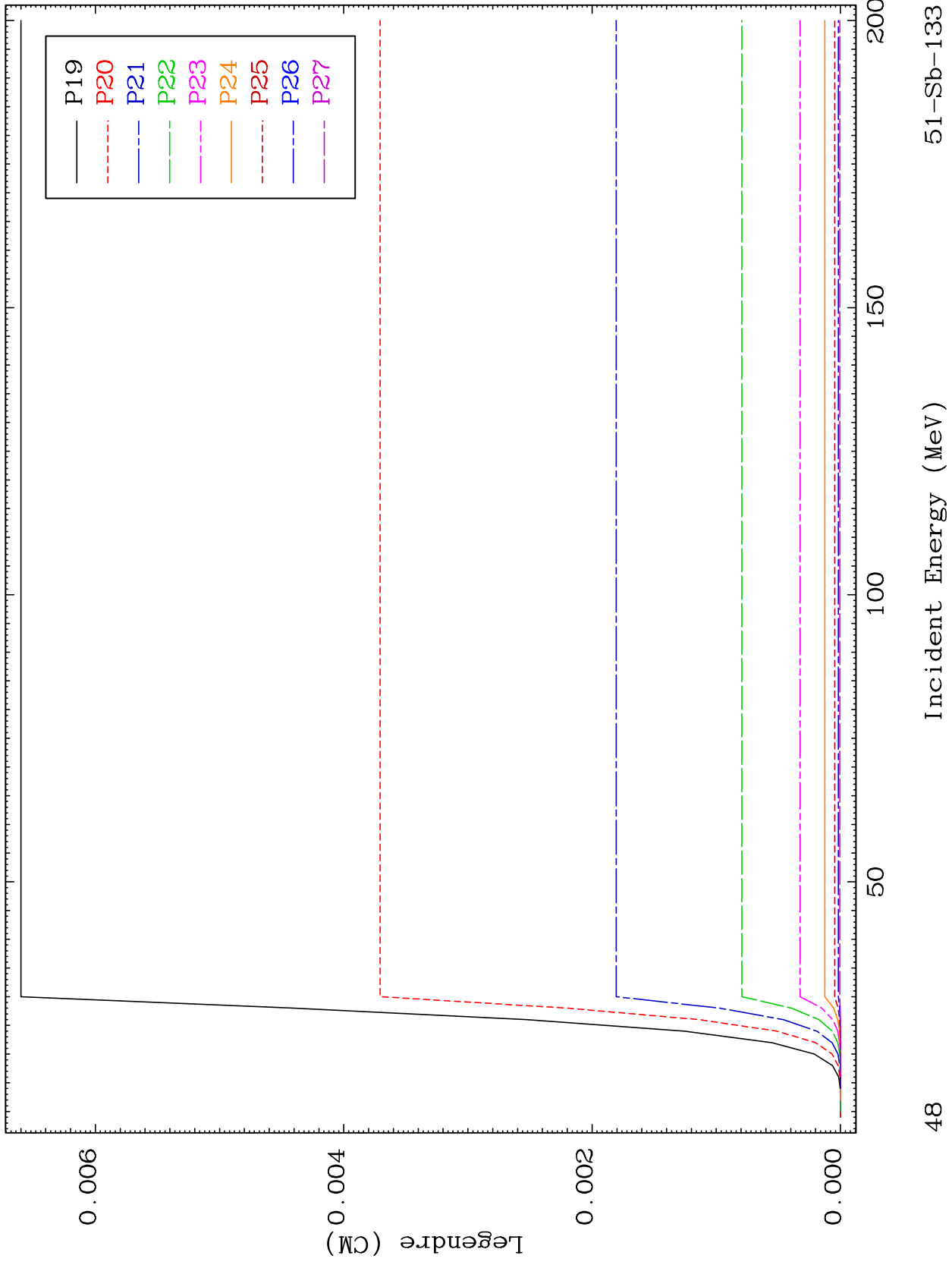
51-Sb-133



MAT 5161

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

51-Sb-133



48

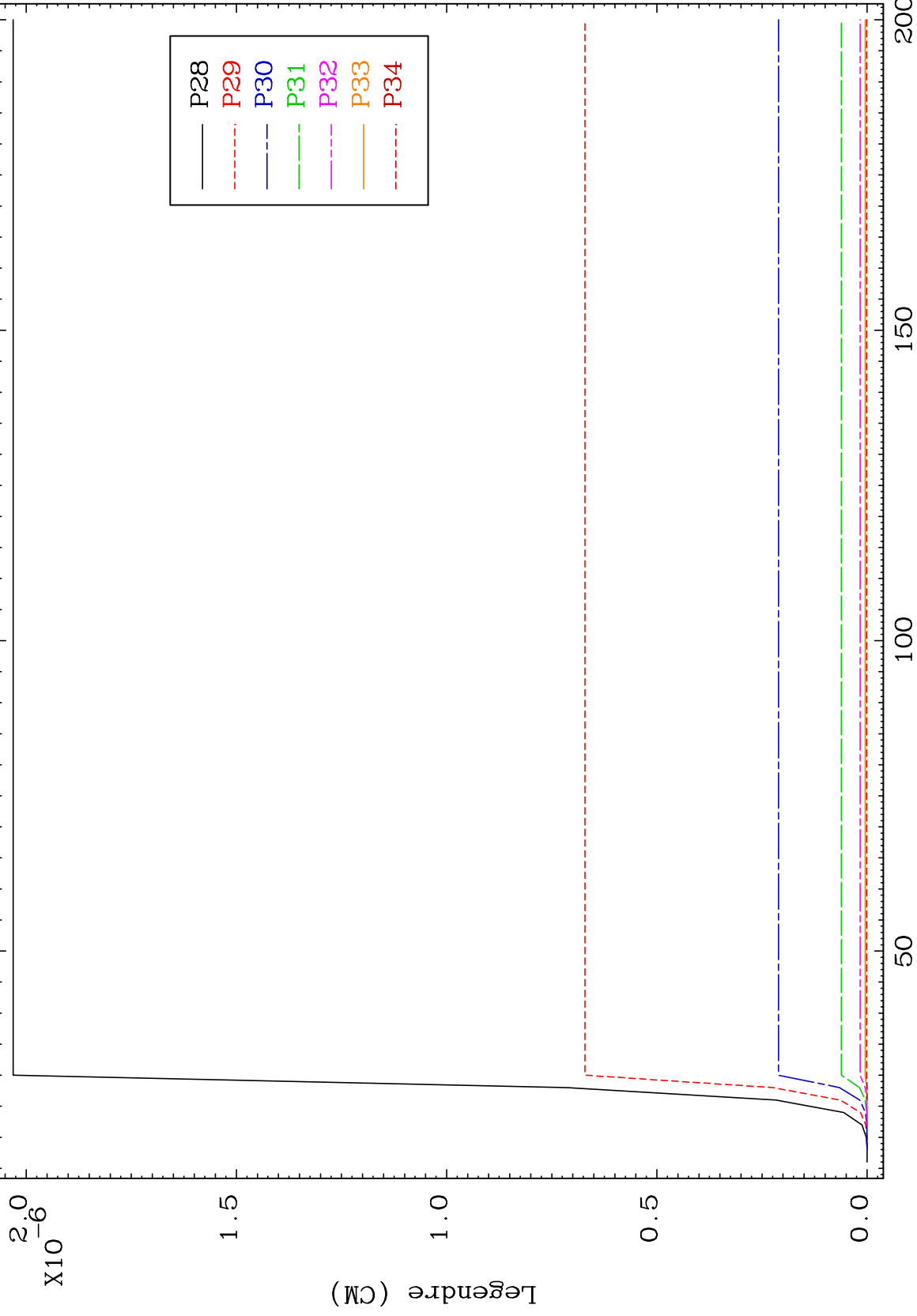
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



49

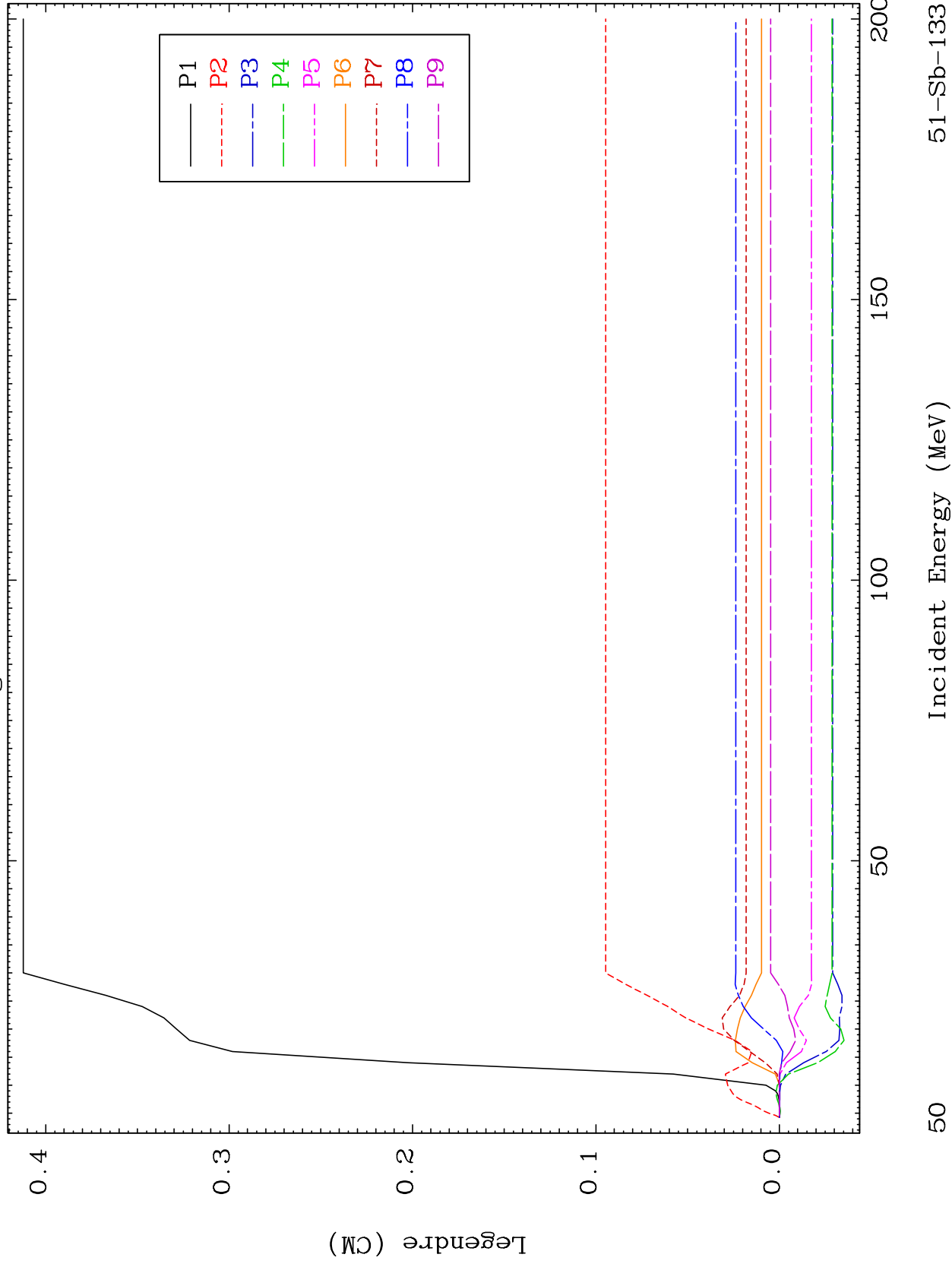
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



51-Sb-133

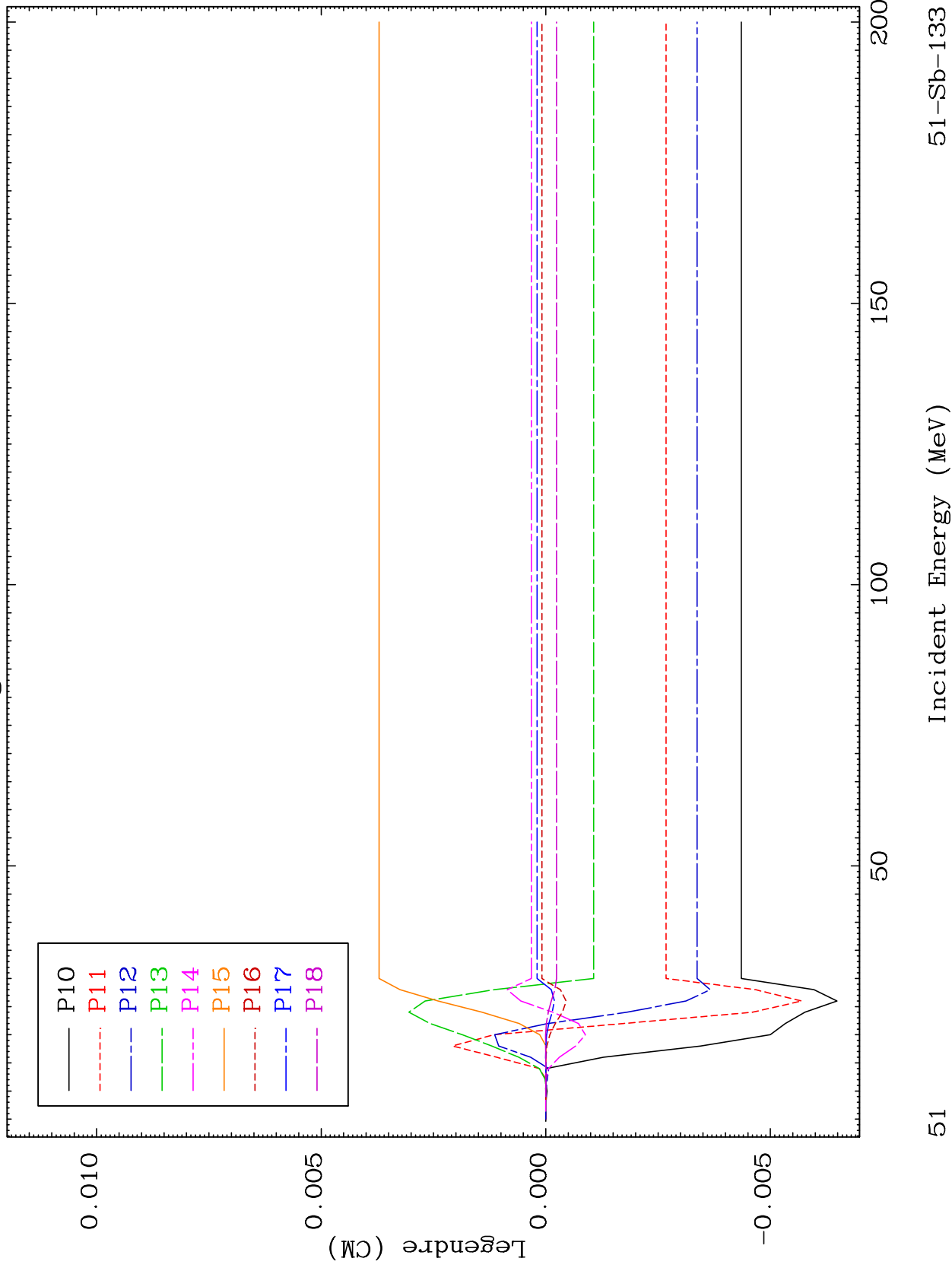
Incident Energy (MeV)

50

MAT 5161

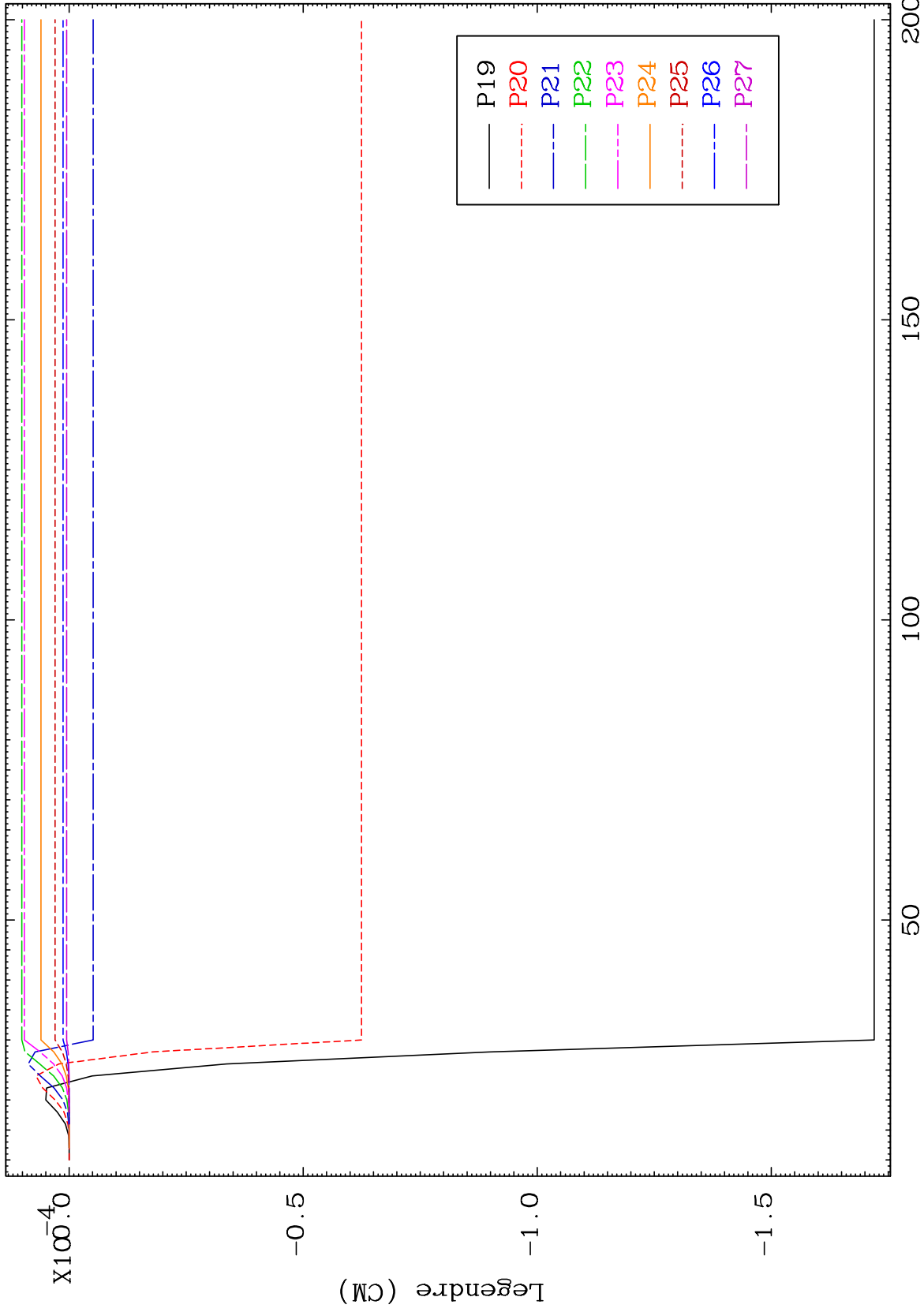
MT= 59 (n,n') Level  
Legendre Coefficients

51-Sb-133



51

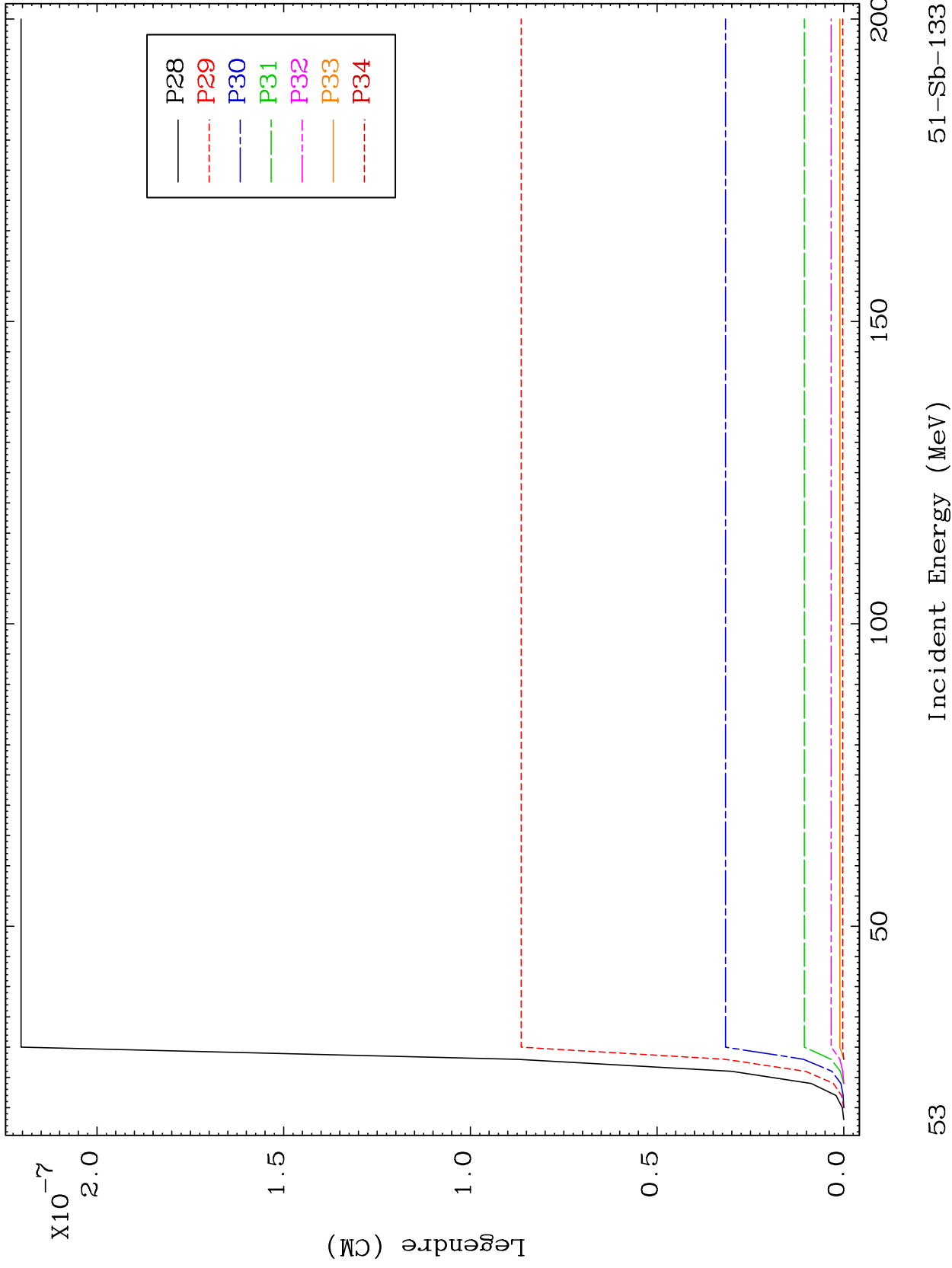
51-Sb-133



MAT 5161

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

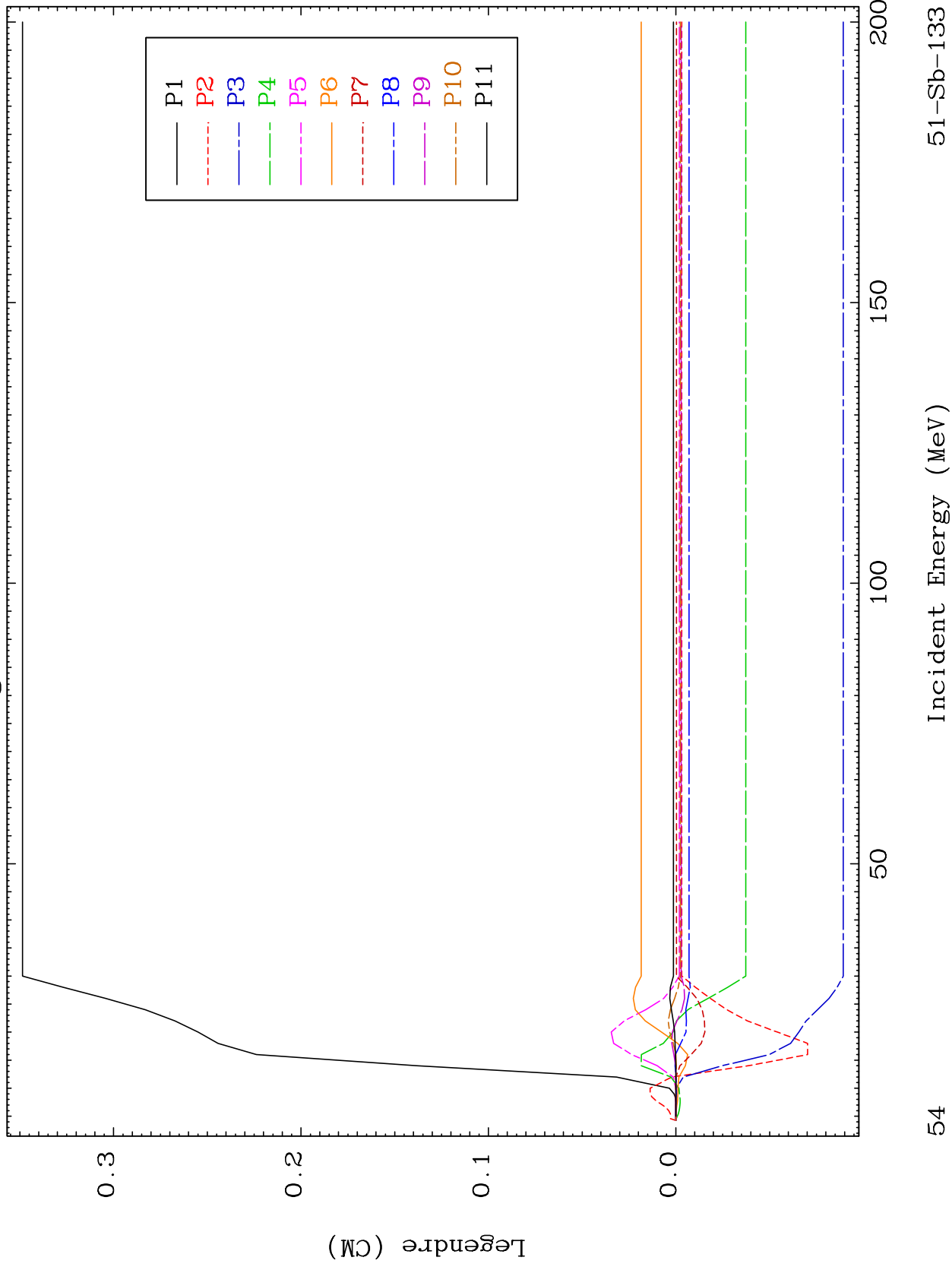
51-Sb-133



MAT 5161

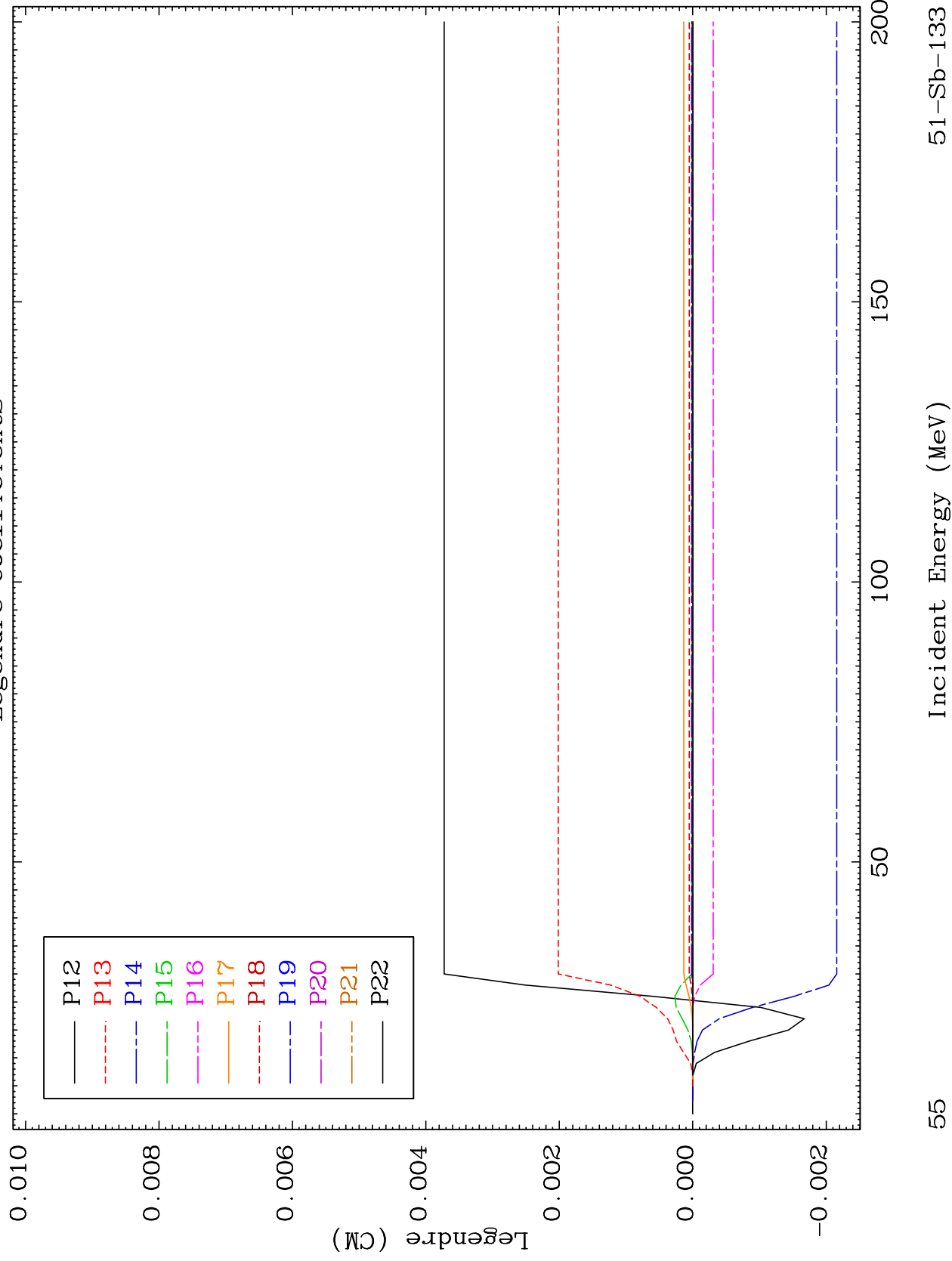
MT= 60 (n,n') Level  
Legendre Coefficients

51-Sb-133



54

51-Sb-133

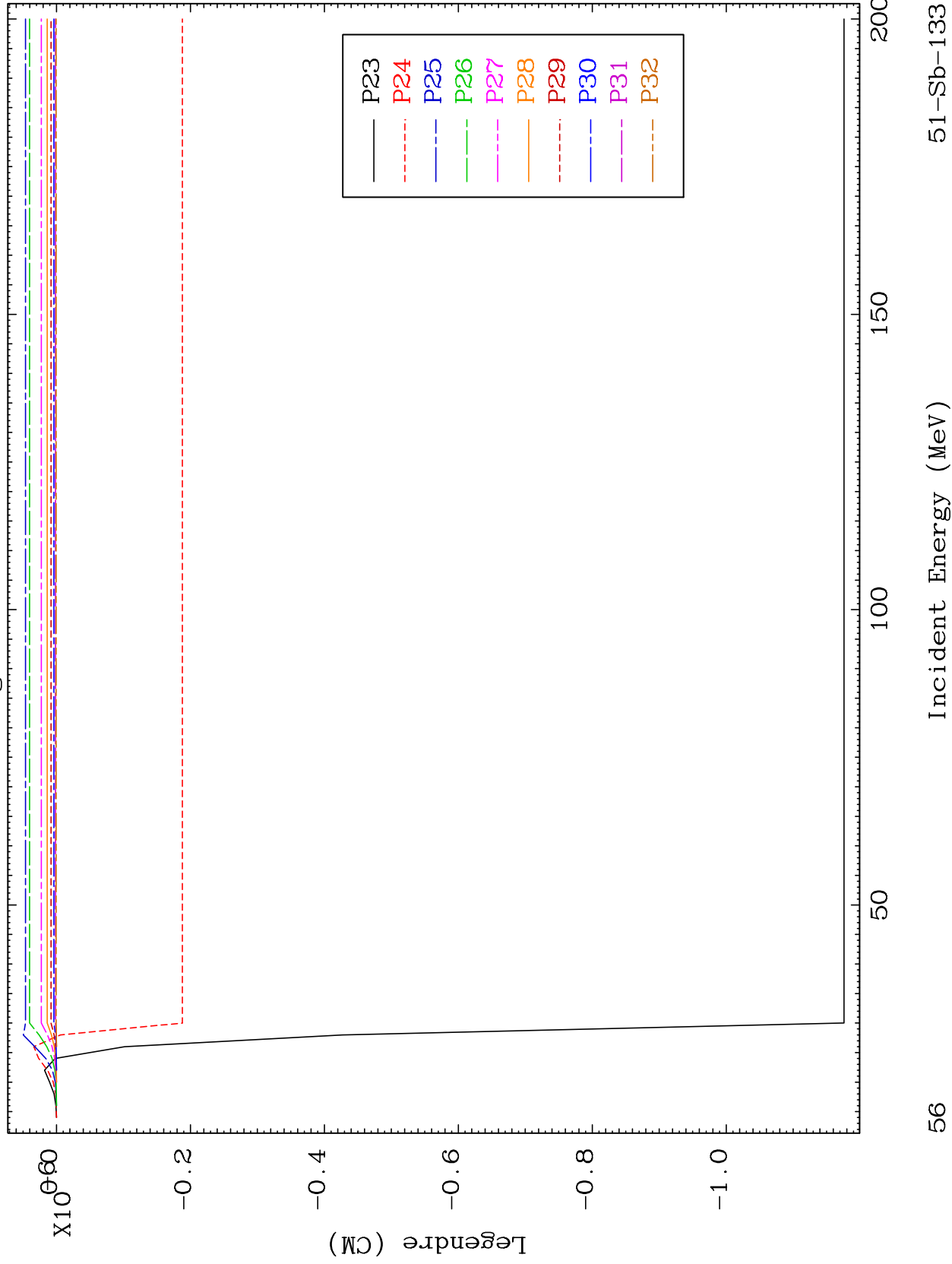




MAT 5161

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

51-Sb-133



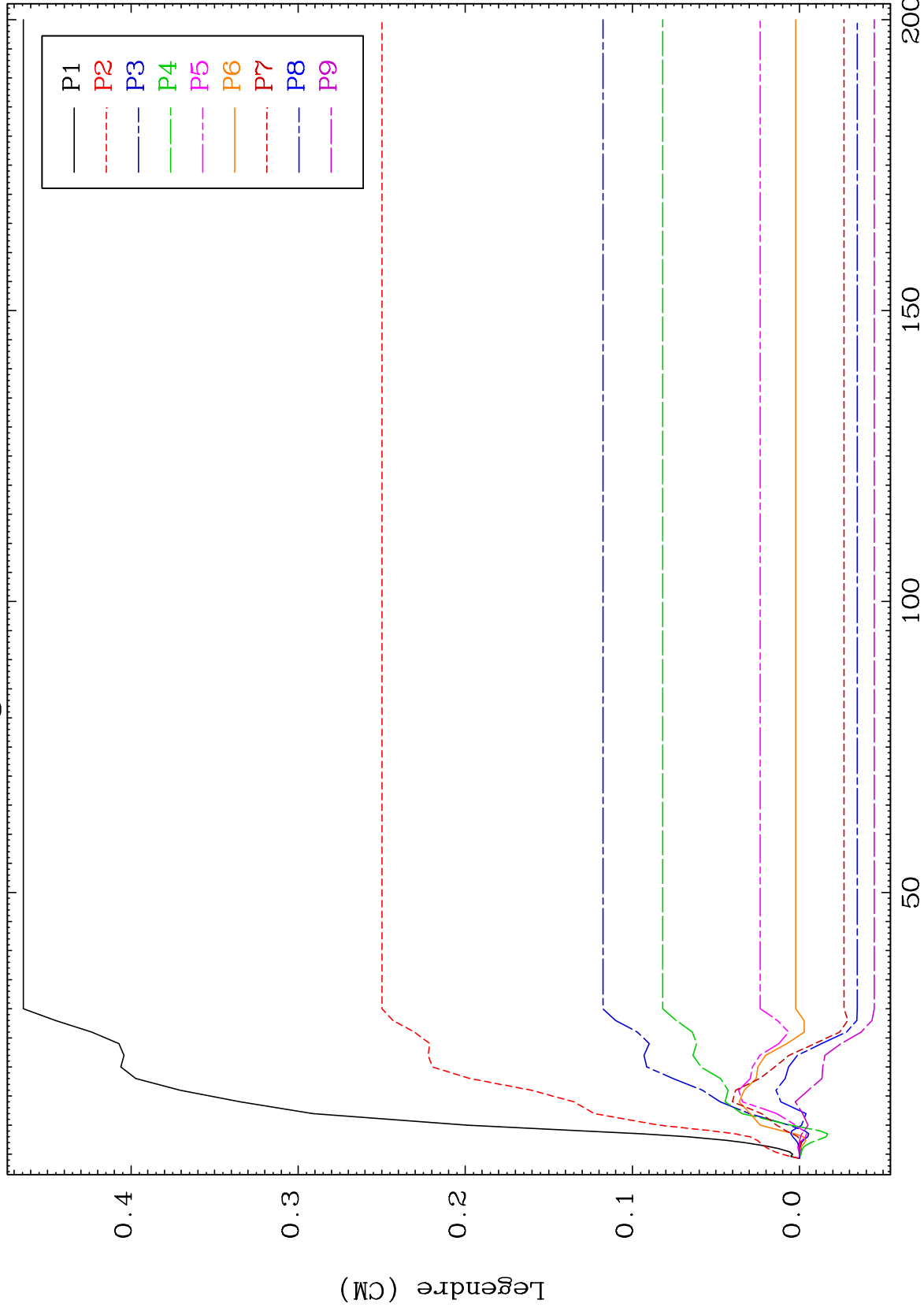
56

51-Sb-133

MAT 5161

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

51-Sb-133



57

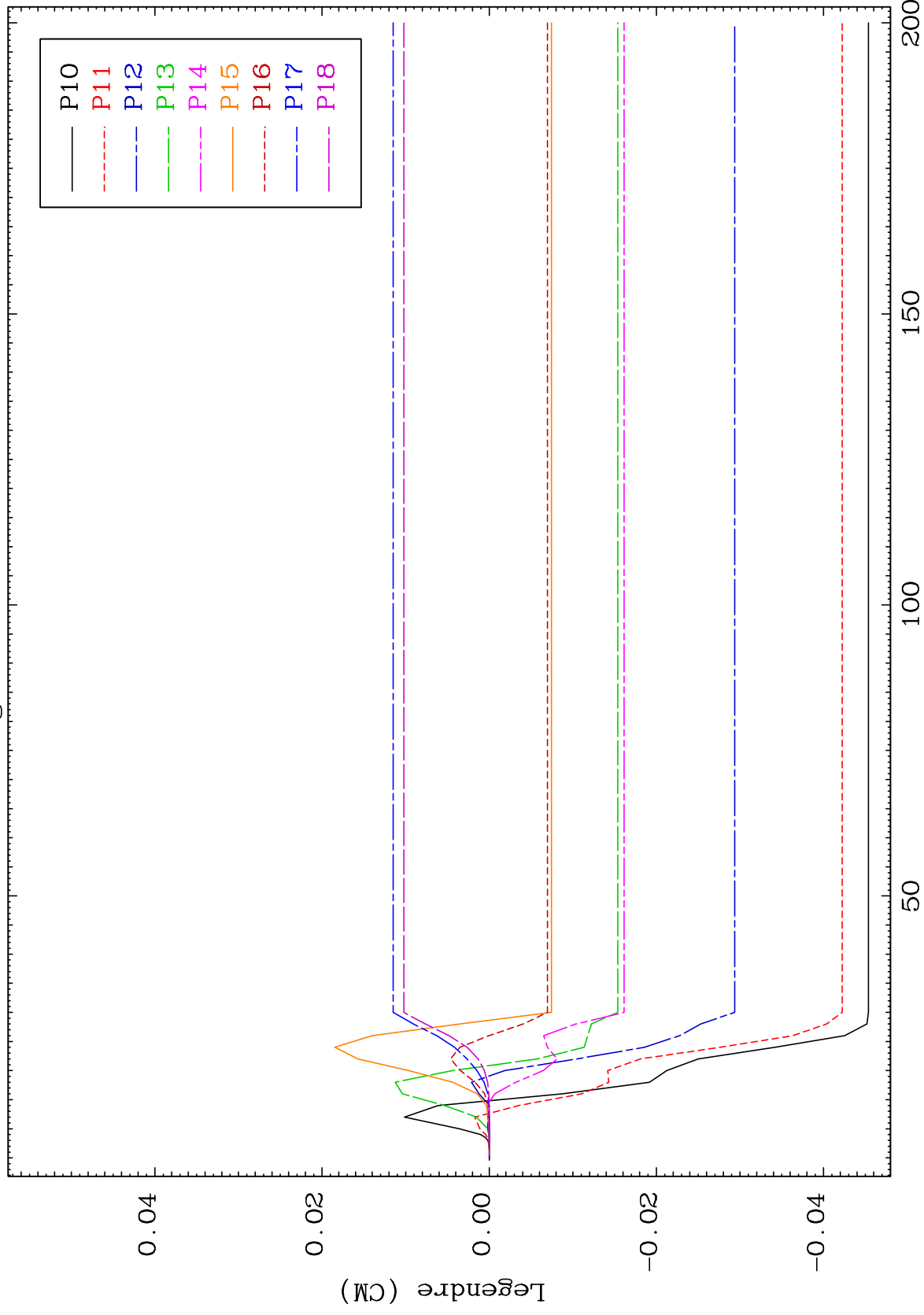
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



58

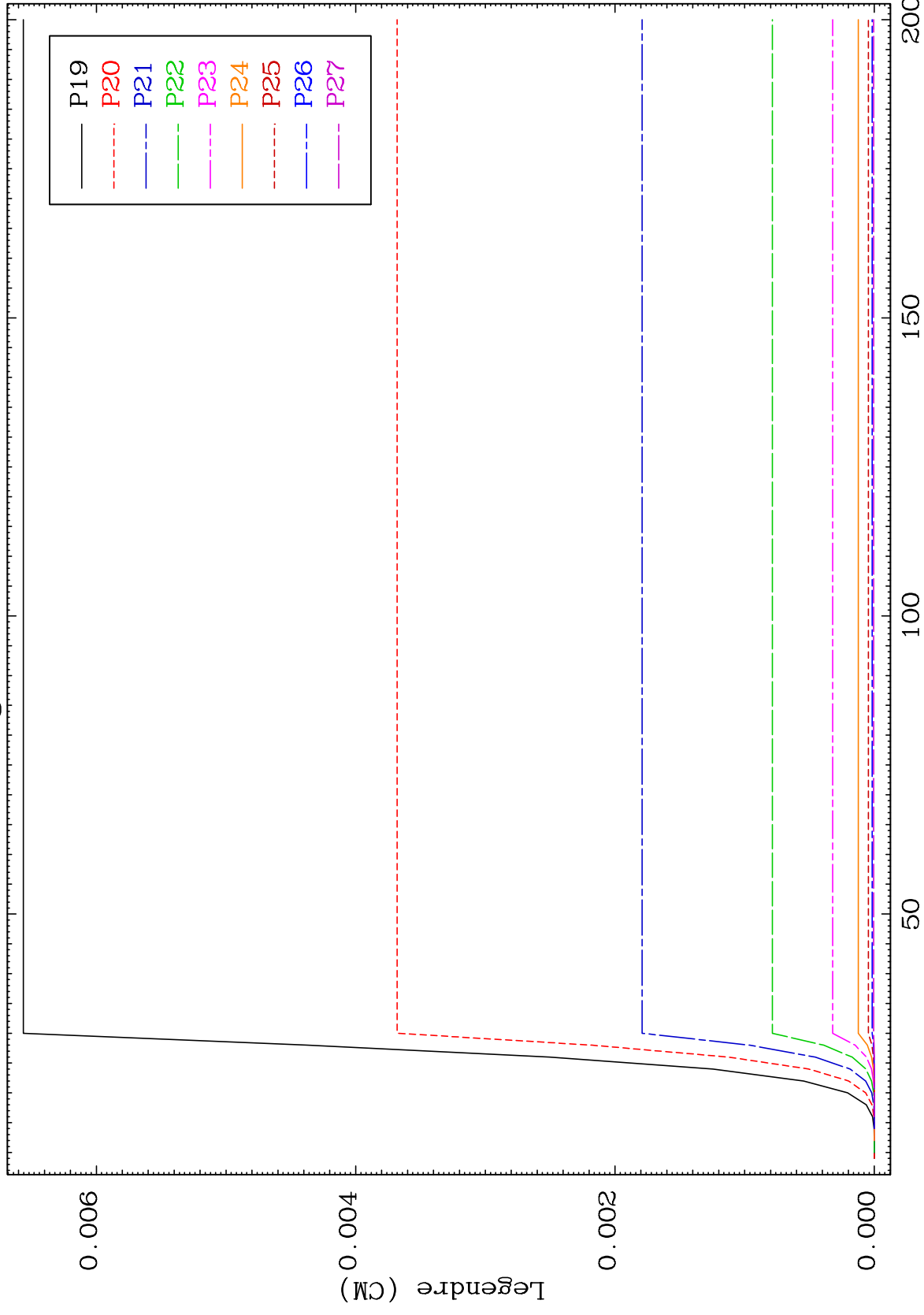
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



59

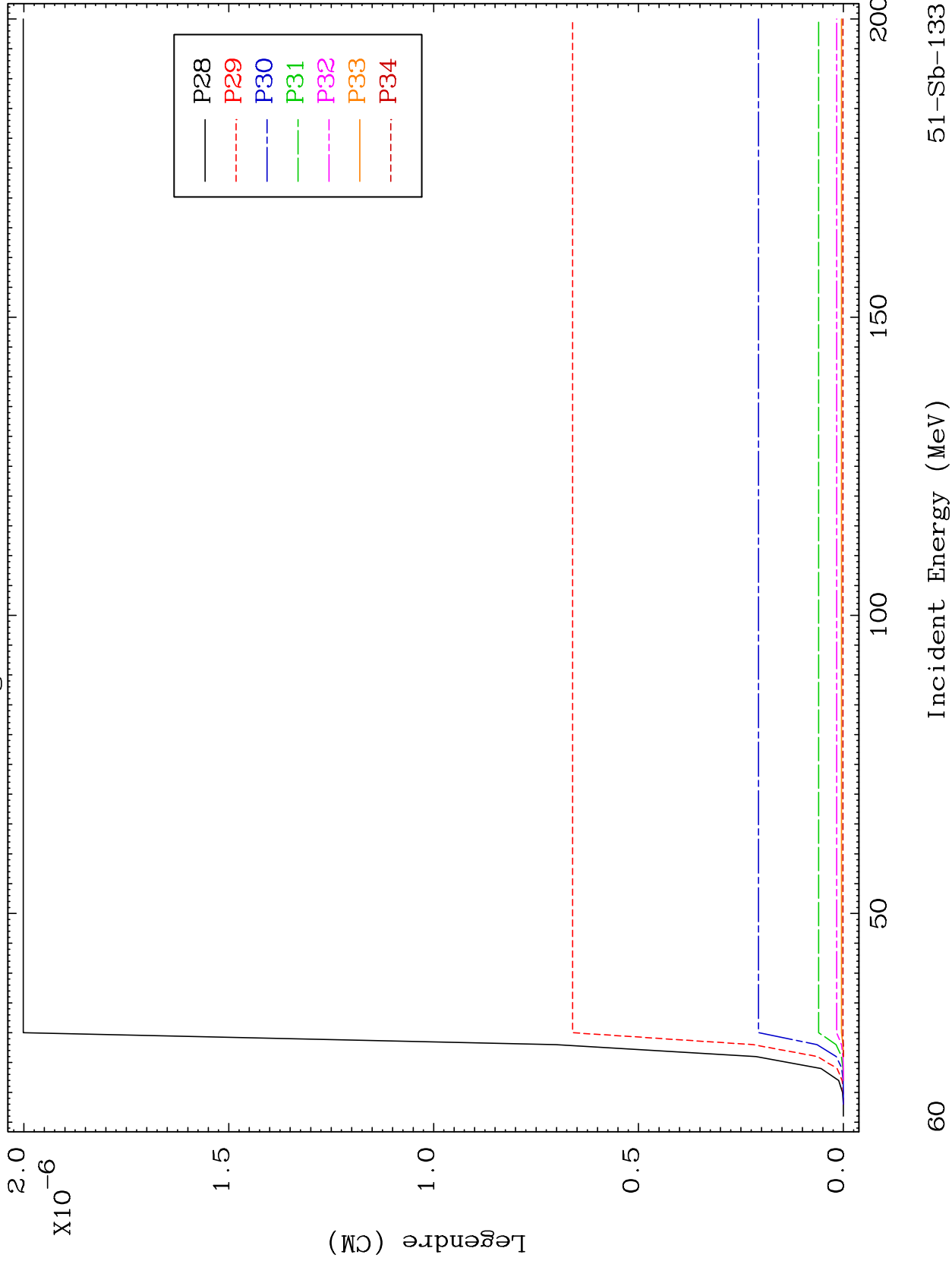
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



51-Sb-133

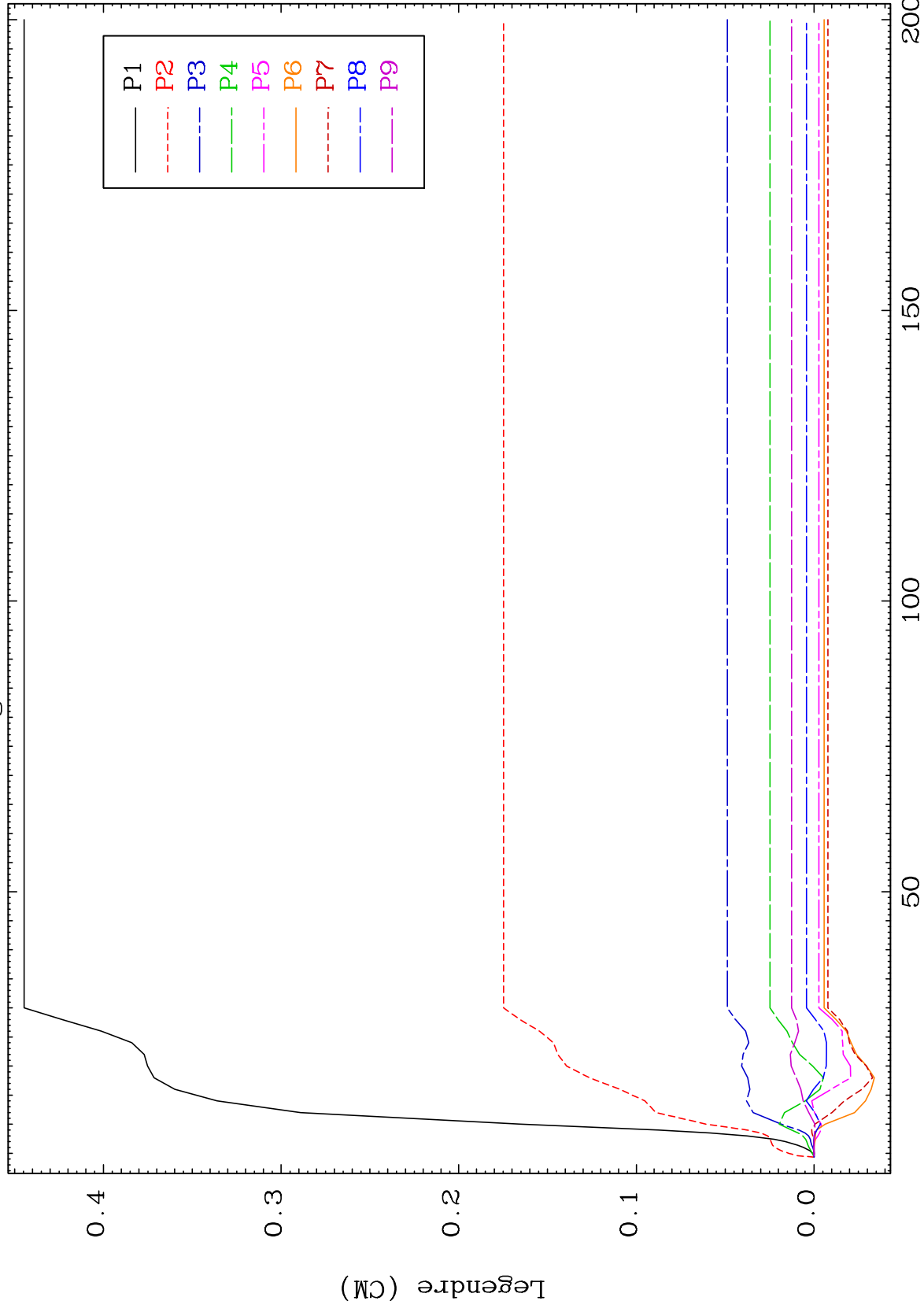
Incident Energy (MeV)

60

MAT 5161

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

51-Sb-133



61

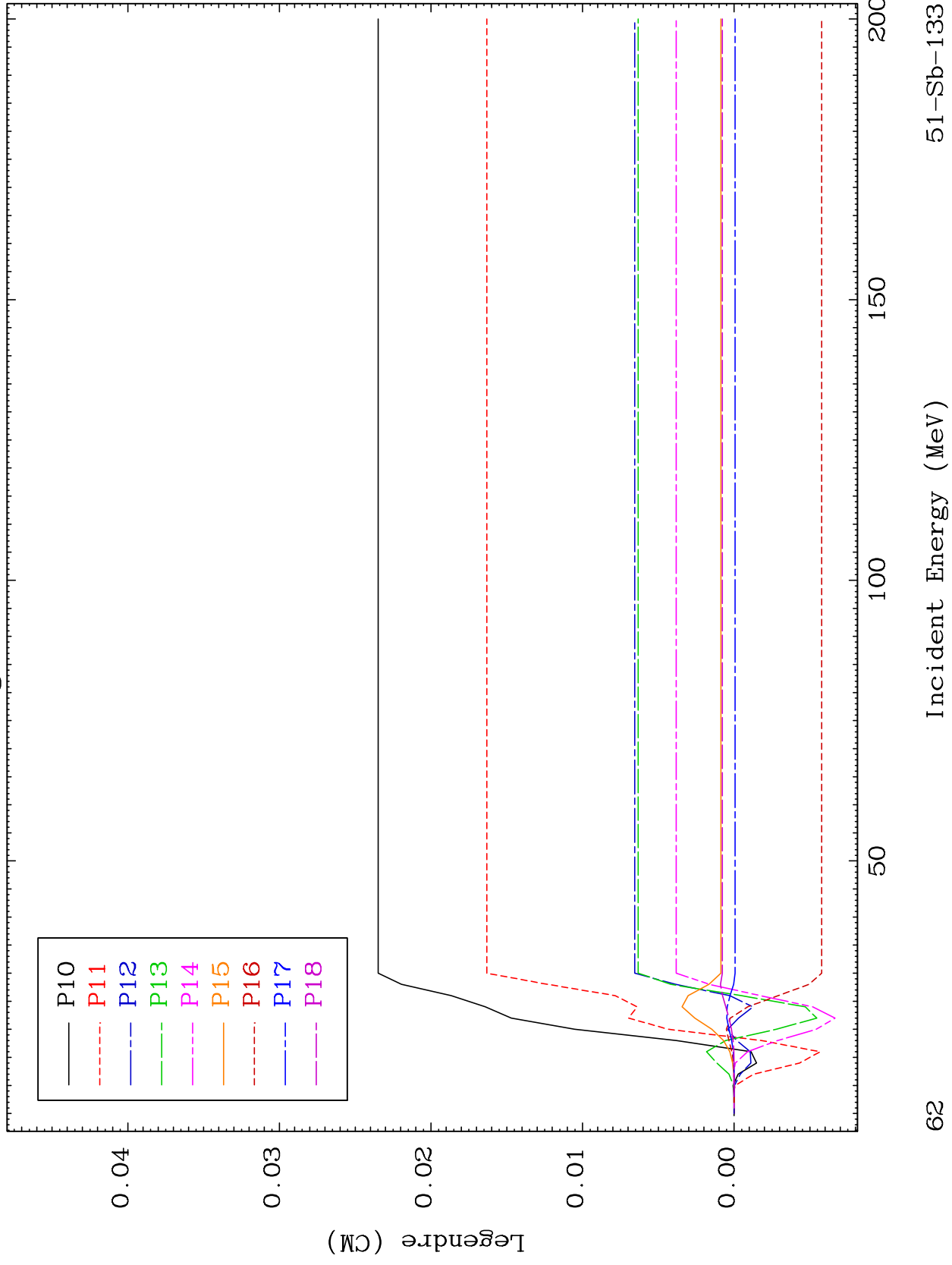
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

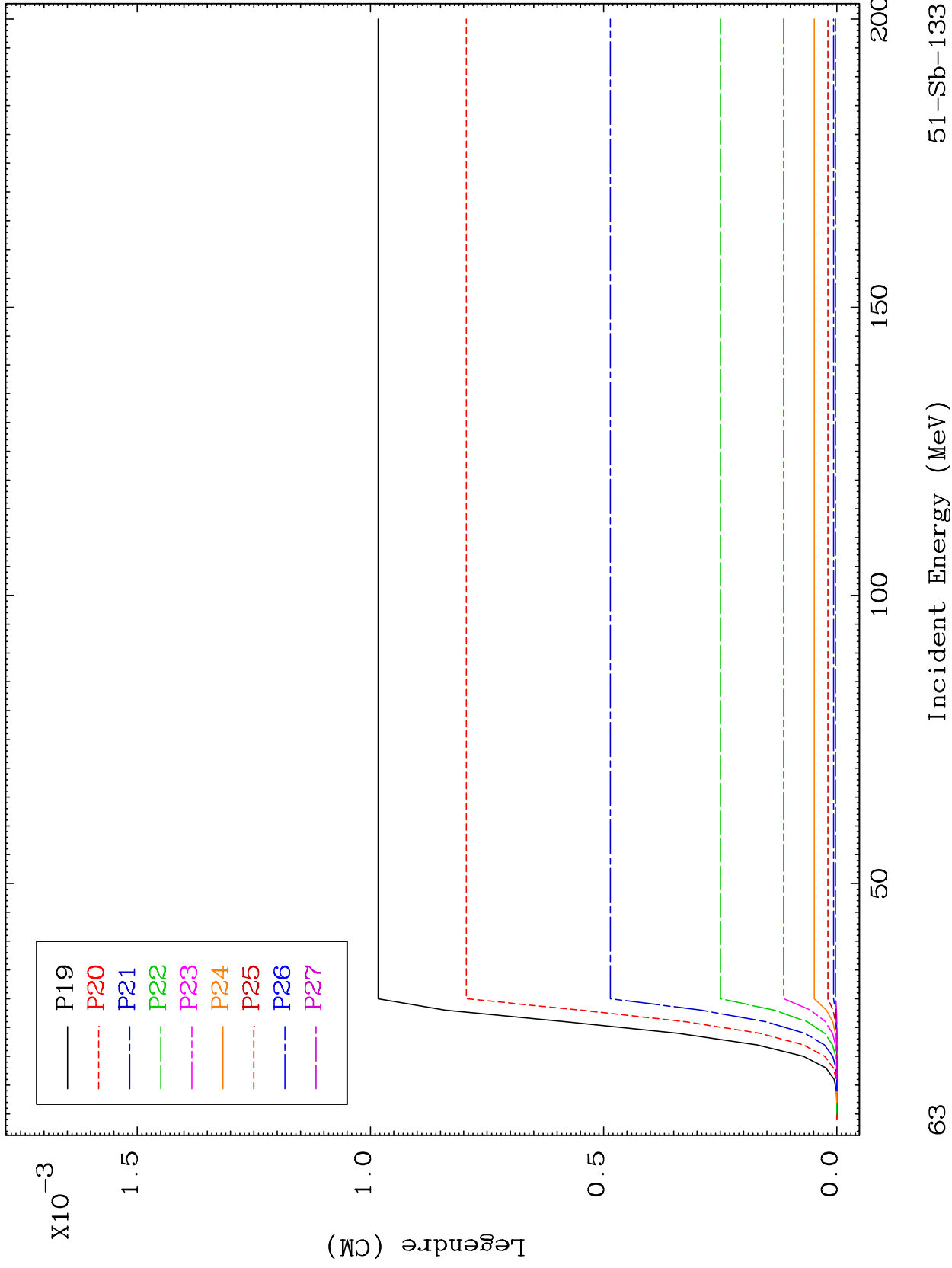
51-Sb-133



62

Incident Energy (MeV)

51-Sb-133

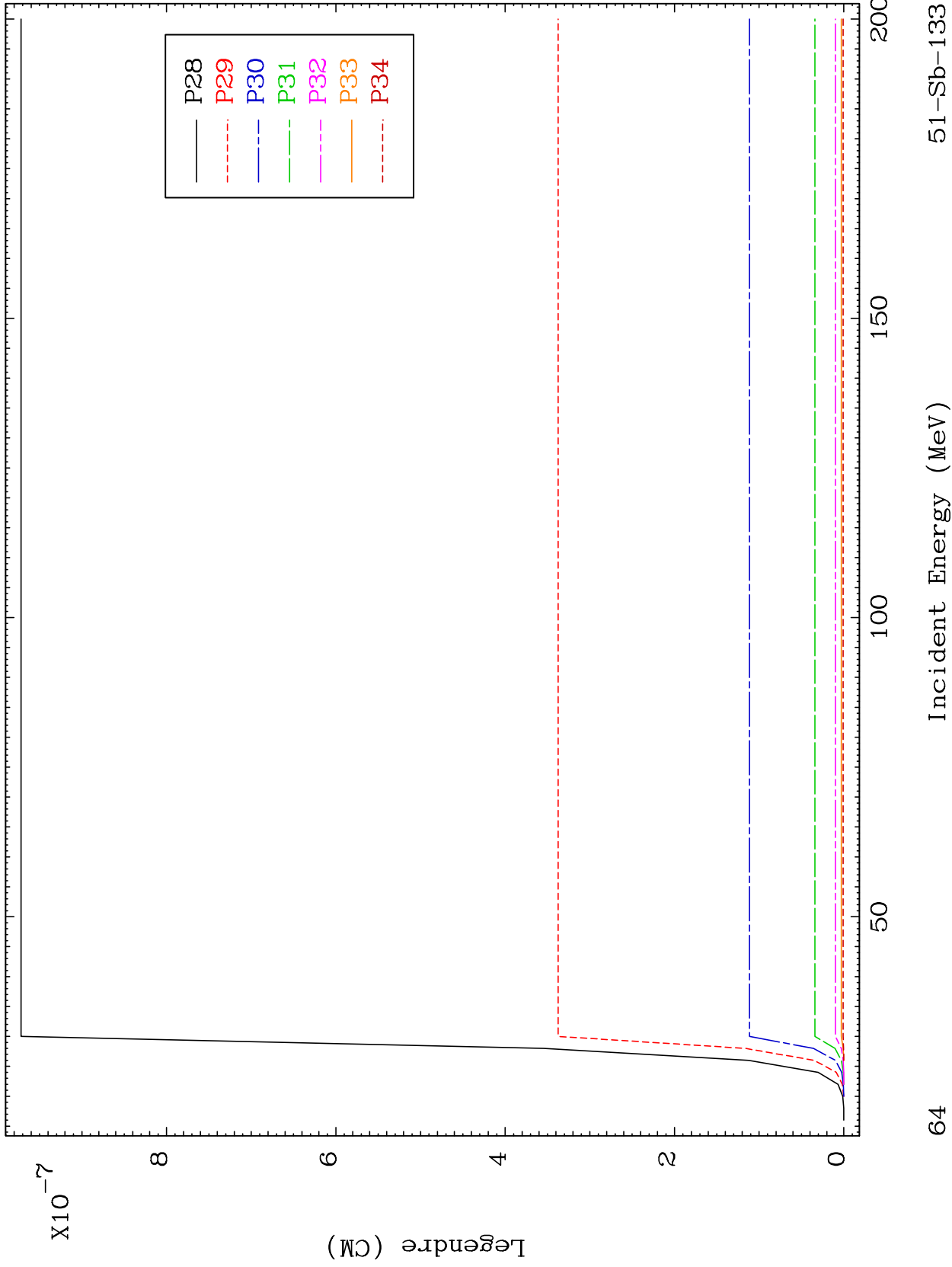




MAT 5161

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

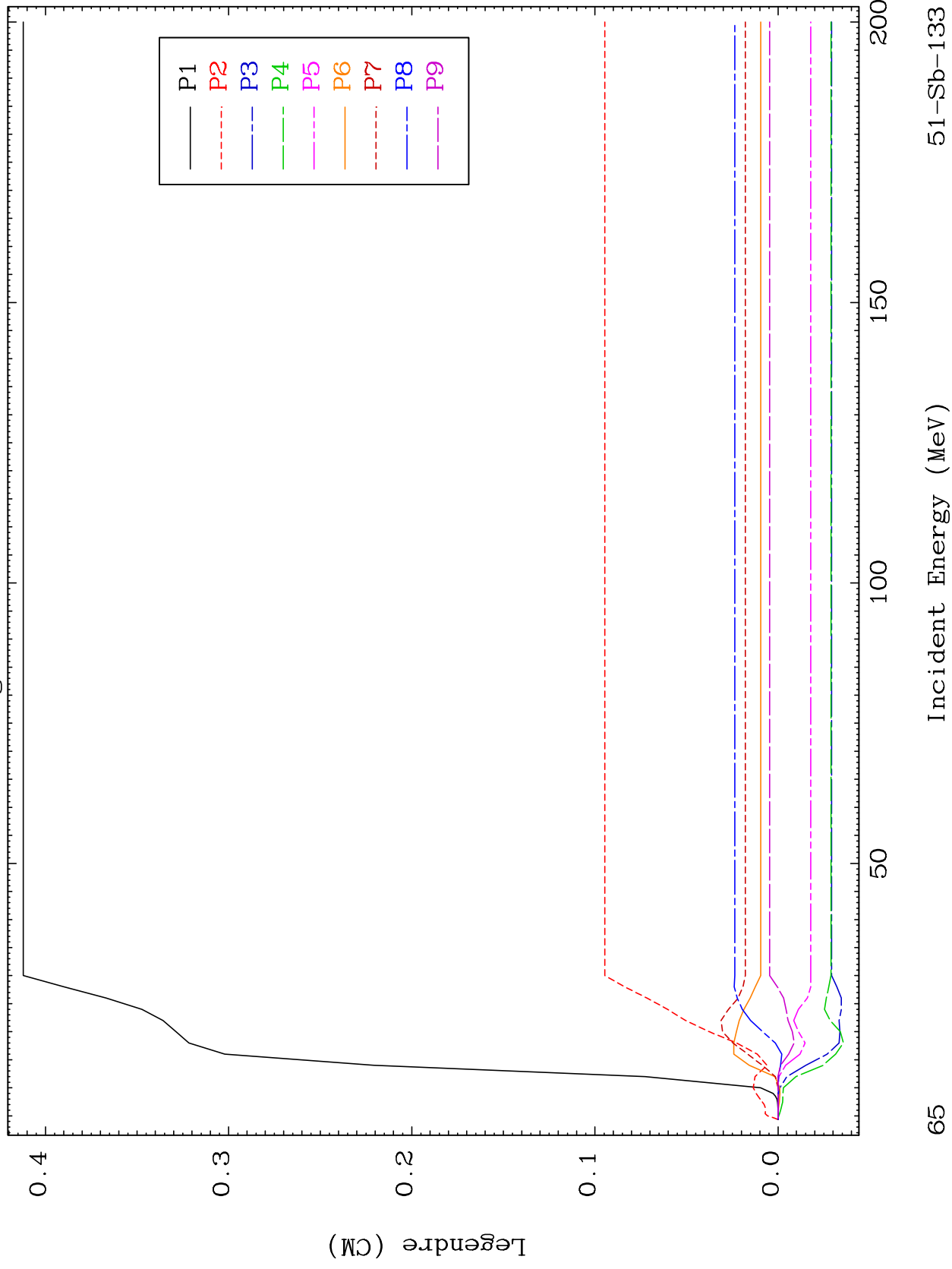
51-Sb-133



MAT 5161

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

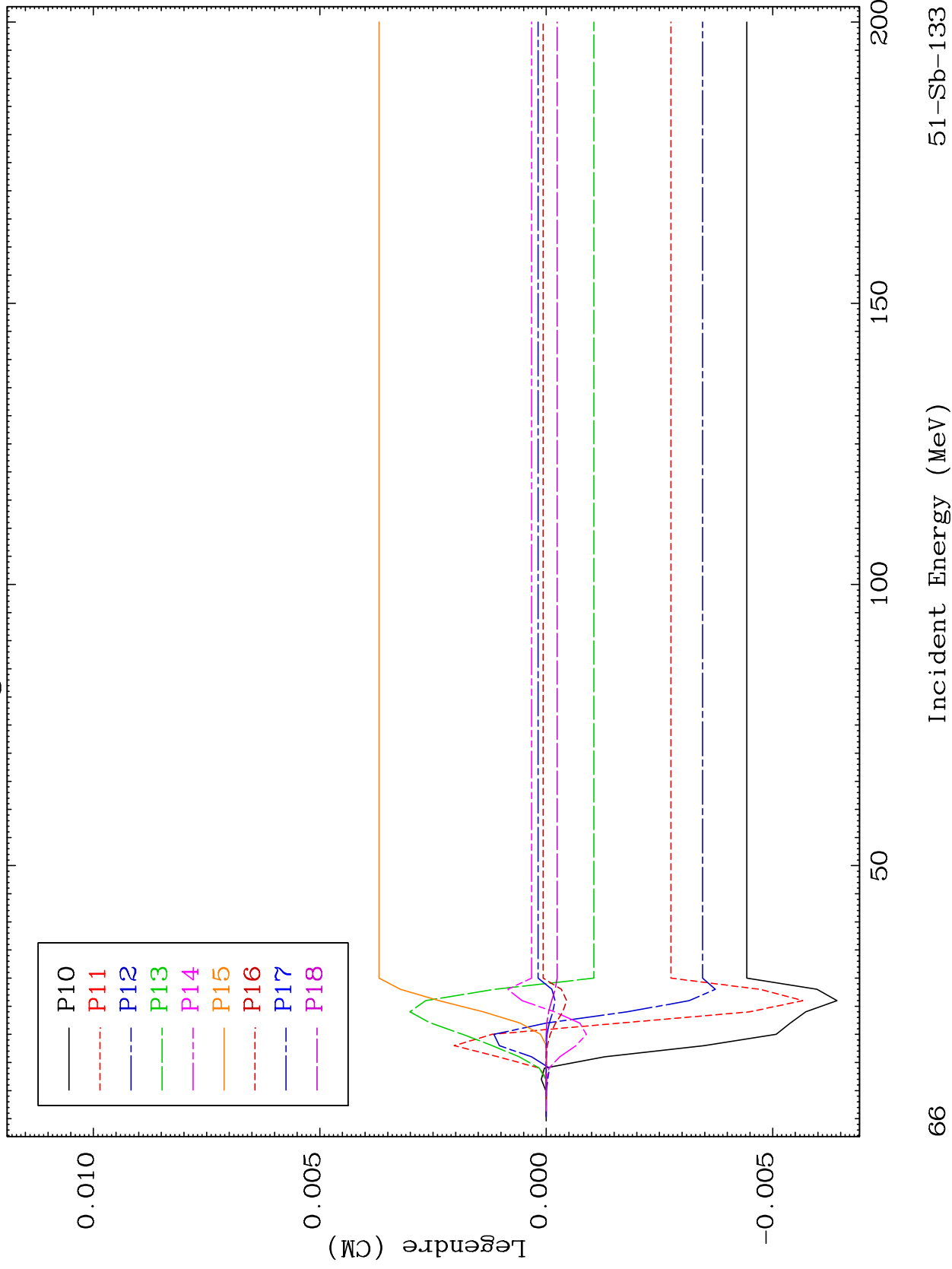
51-Sb-133



51-Sb-133

Incident Energy (MeV)

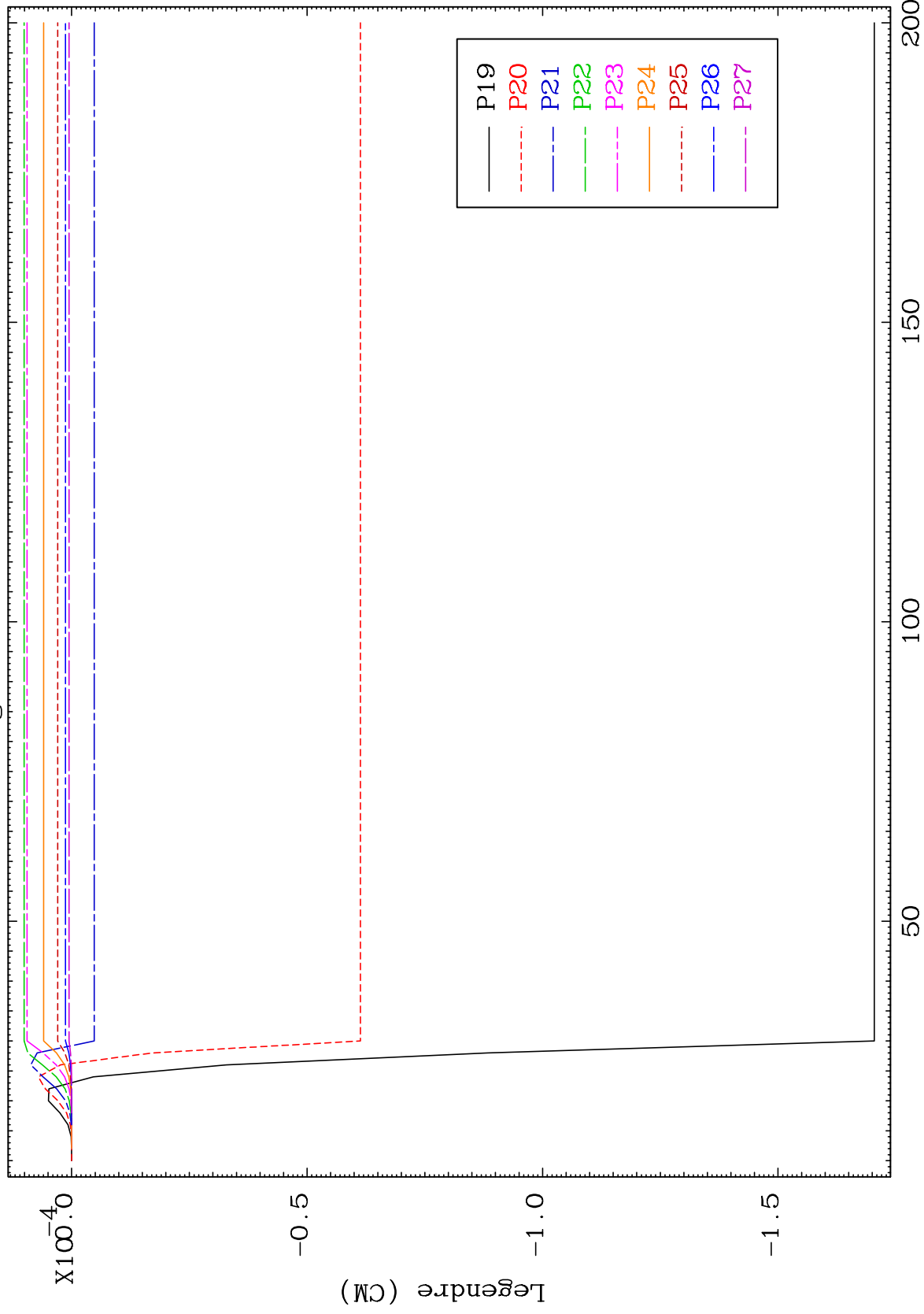
65



MAT 5161

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

51-Sb-133



67

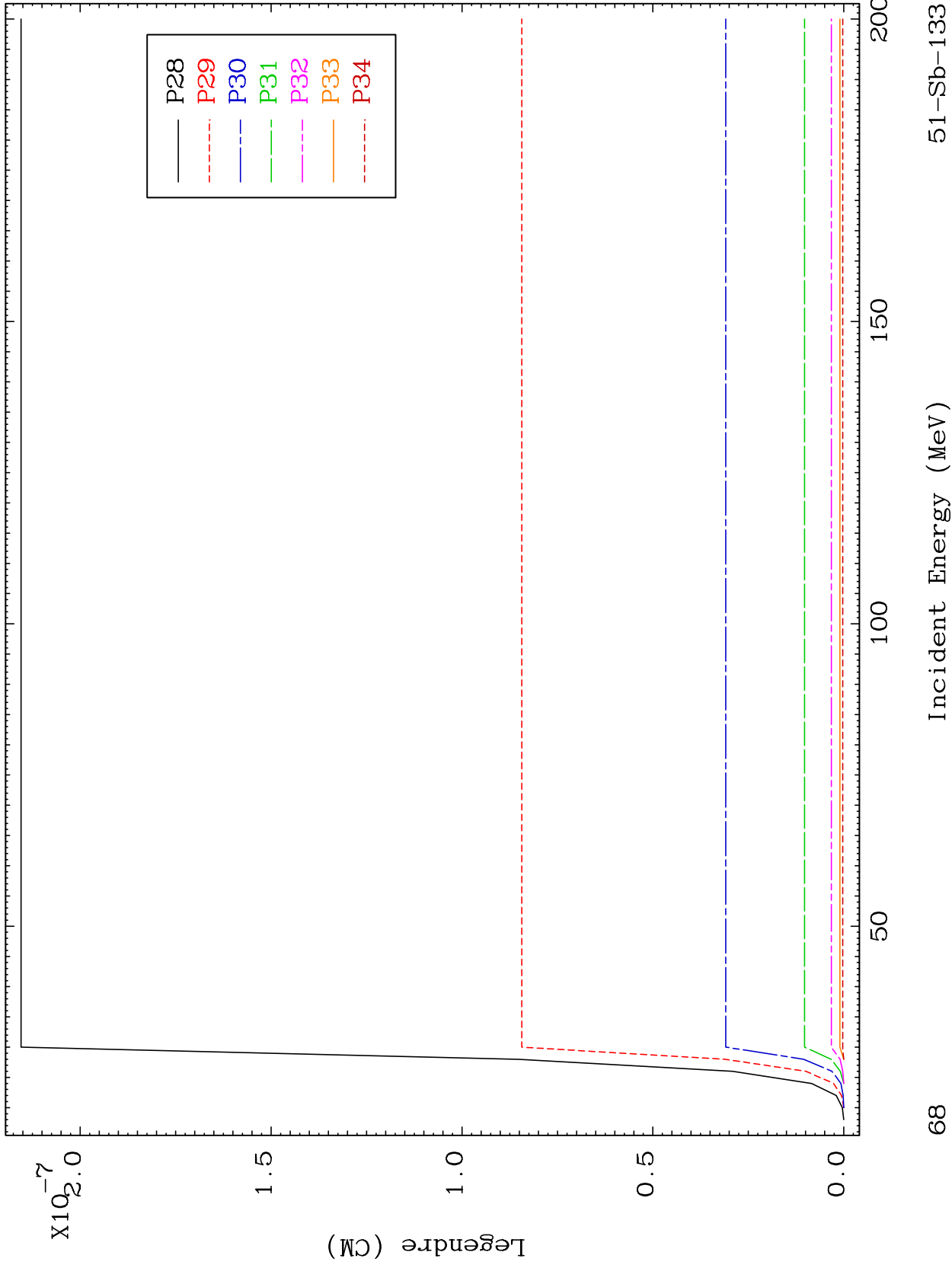
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

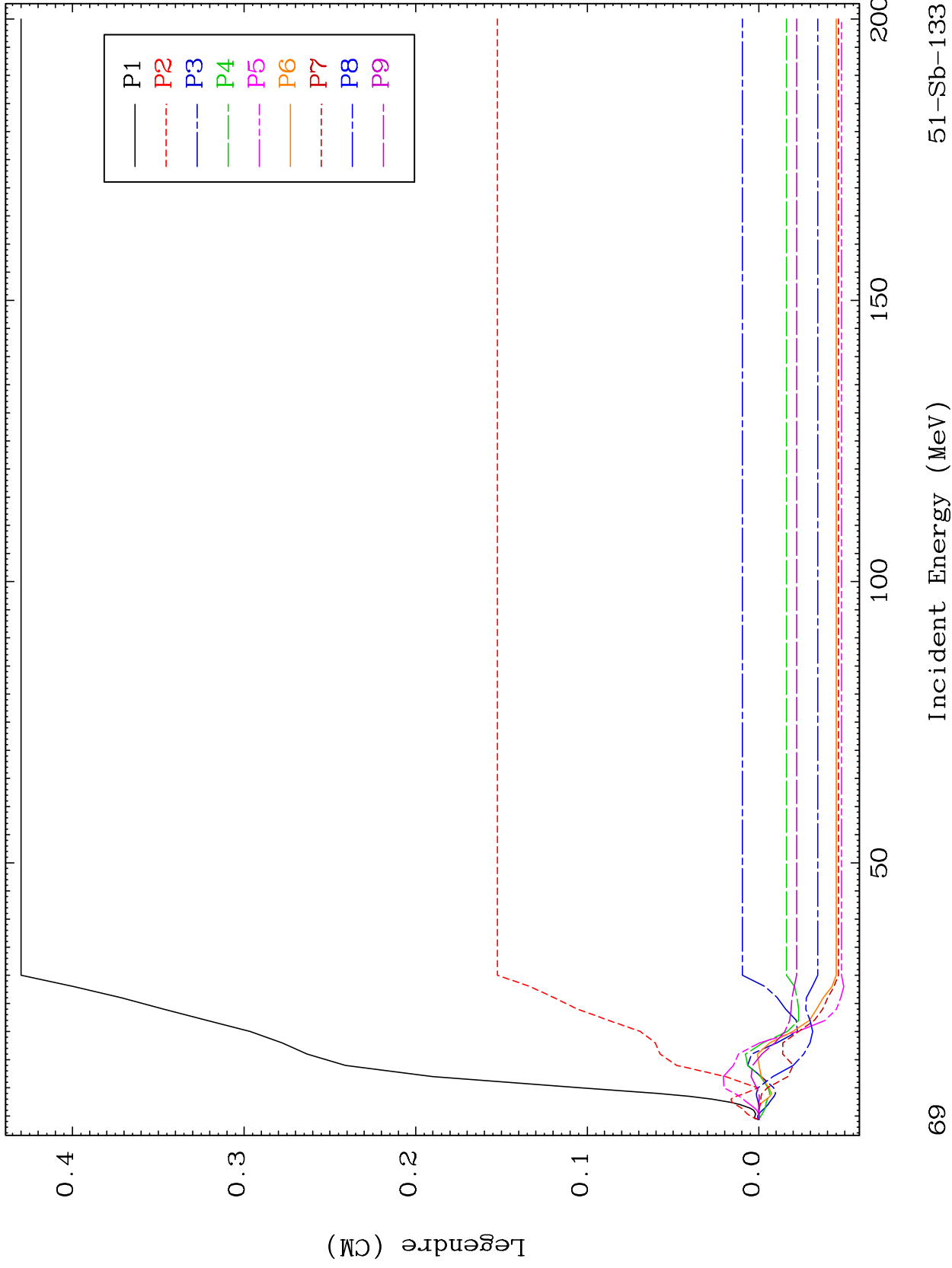
51-Sb-133



68

Incident Energy (MeV)

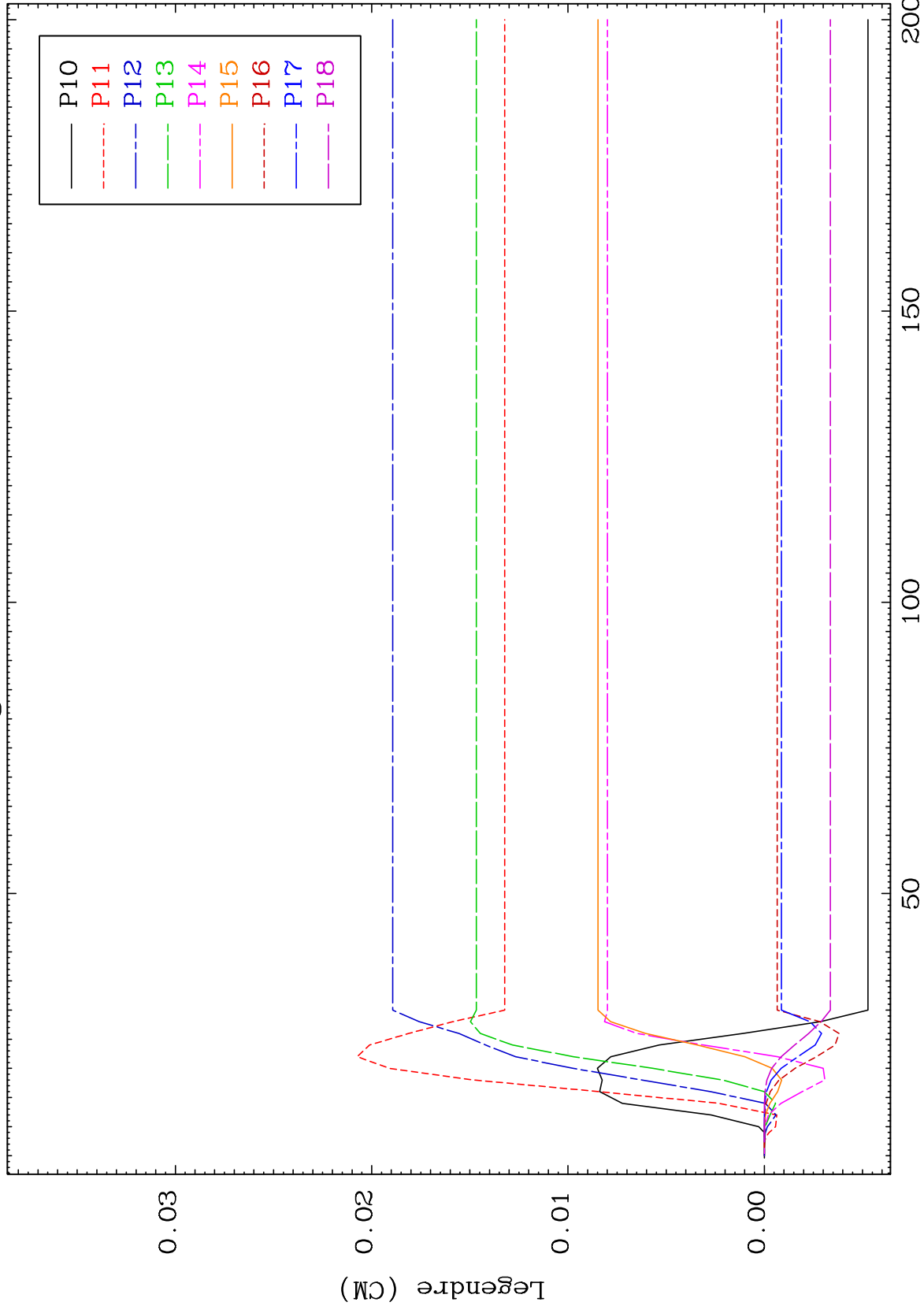
51-Sb-133



MAT 5161

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

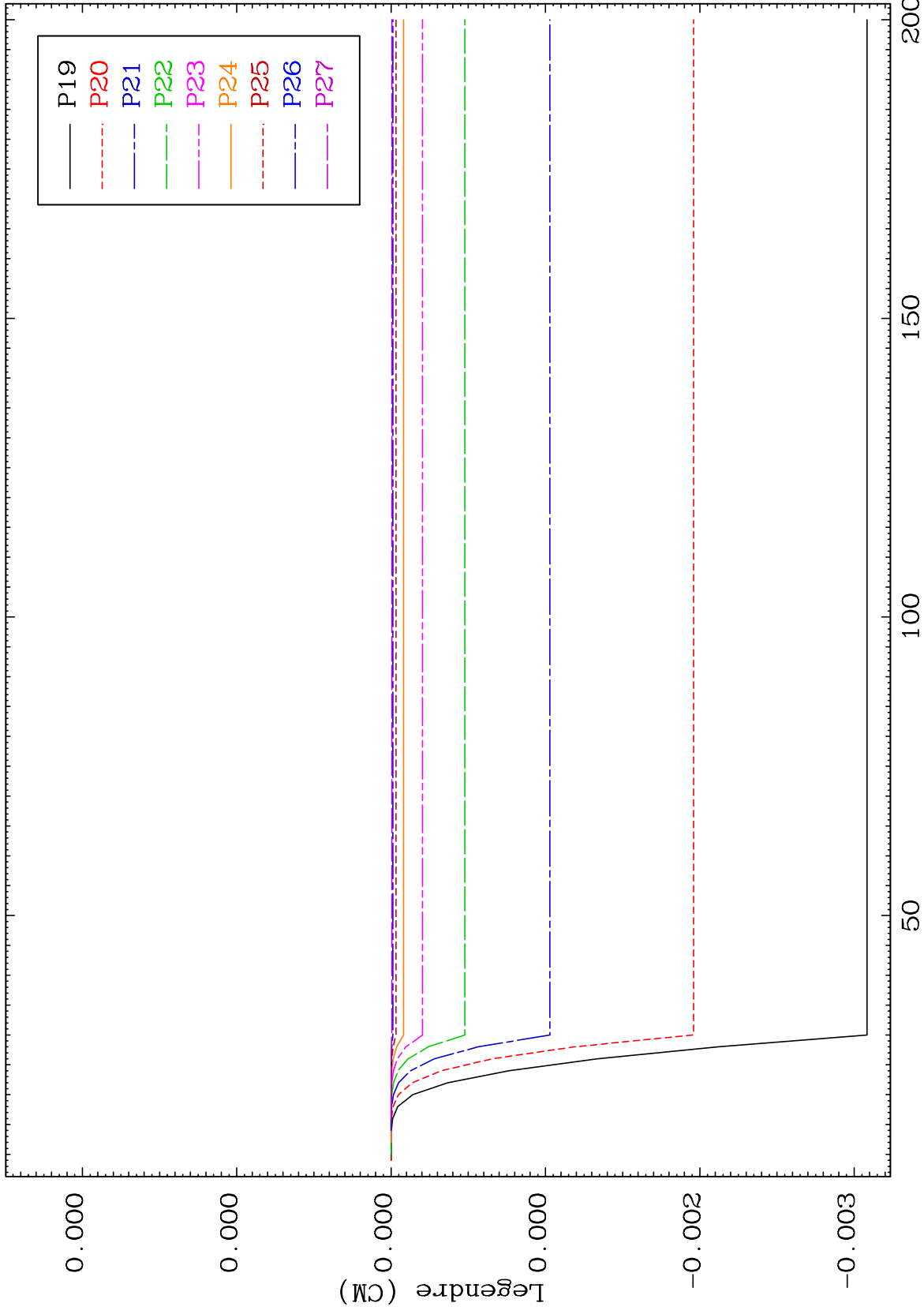
51-Sb-133



70

Incident Energy (MeV)

51-Sb-133

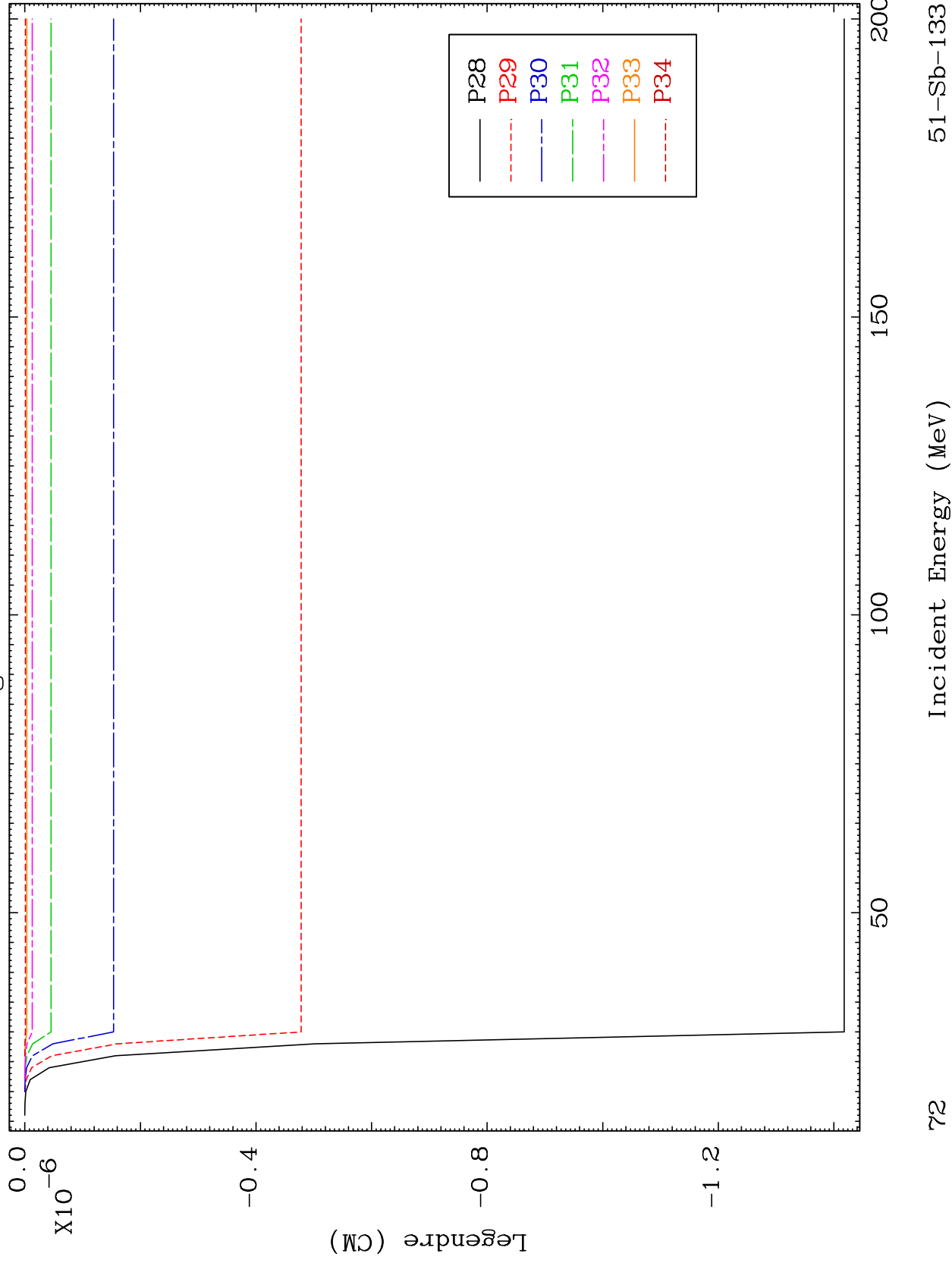




MAT 5161

51-Sb-133

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



72

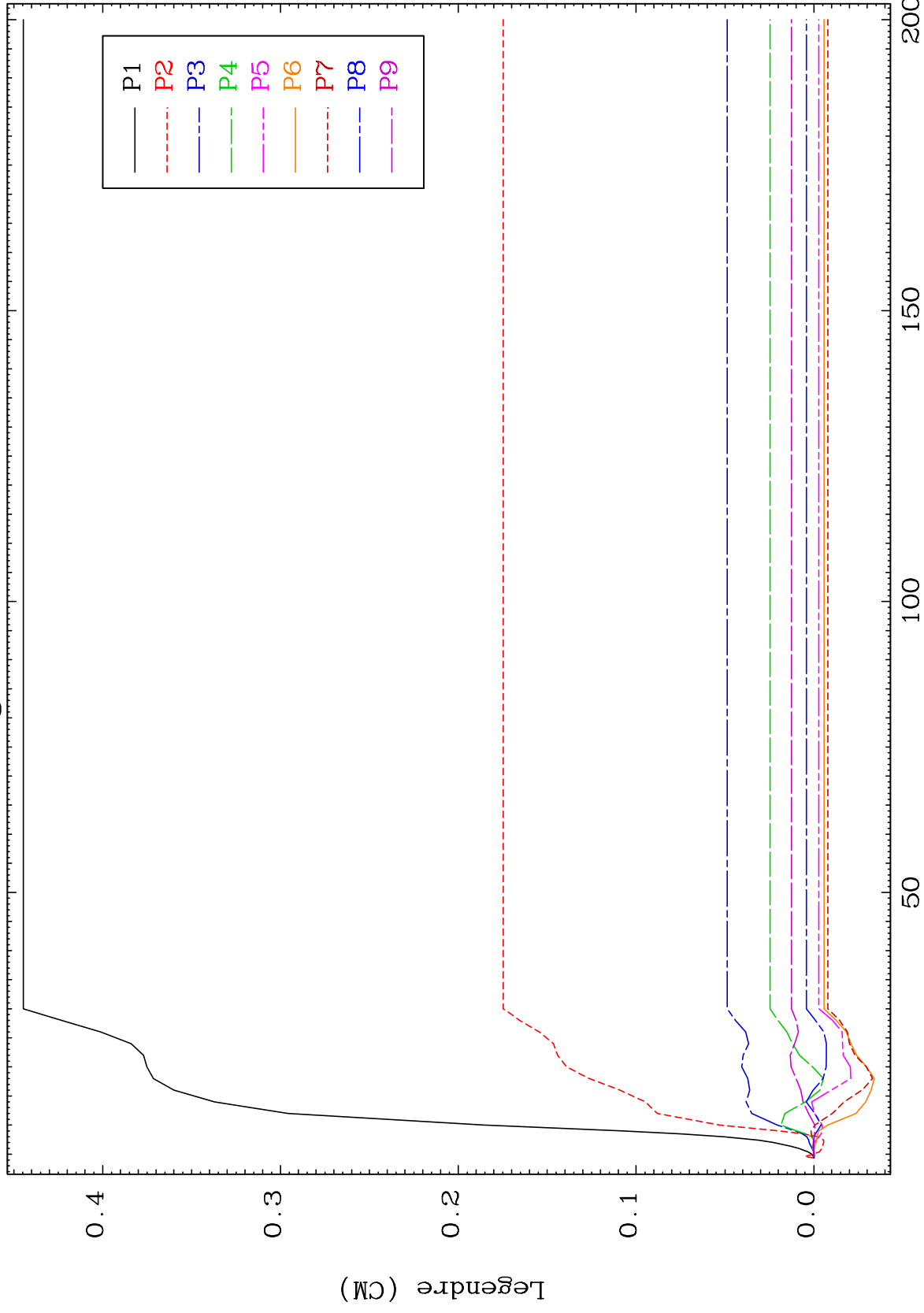
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

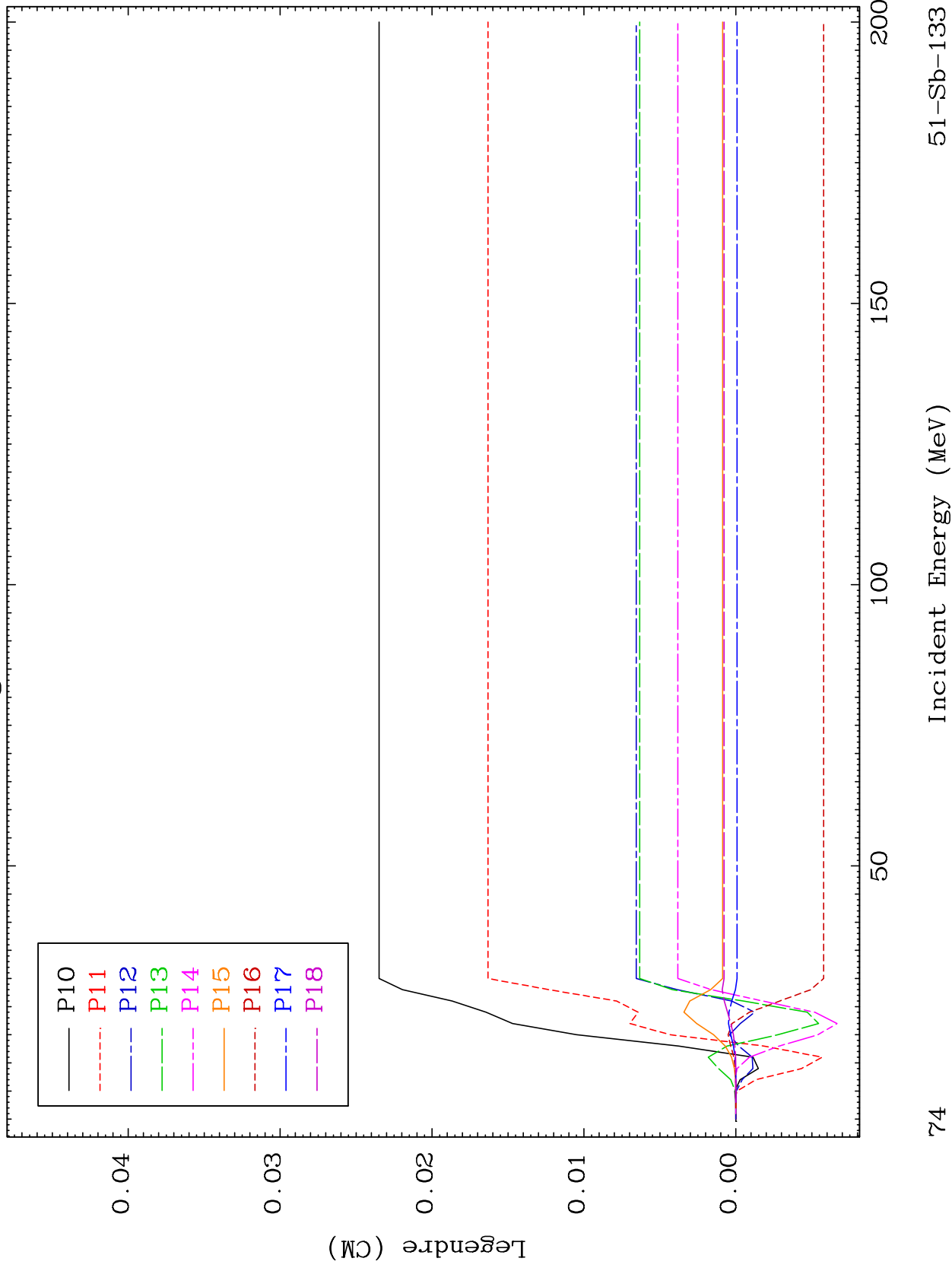
51-Sb-133



73

Incident Energy (MeV)

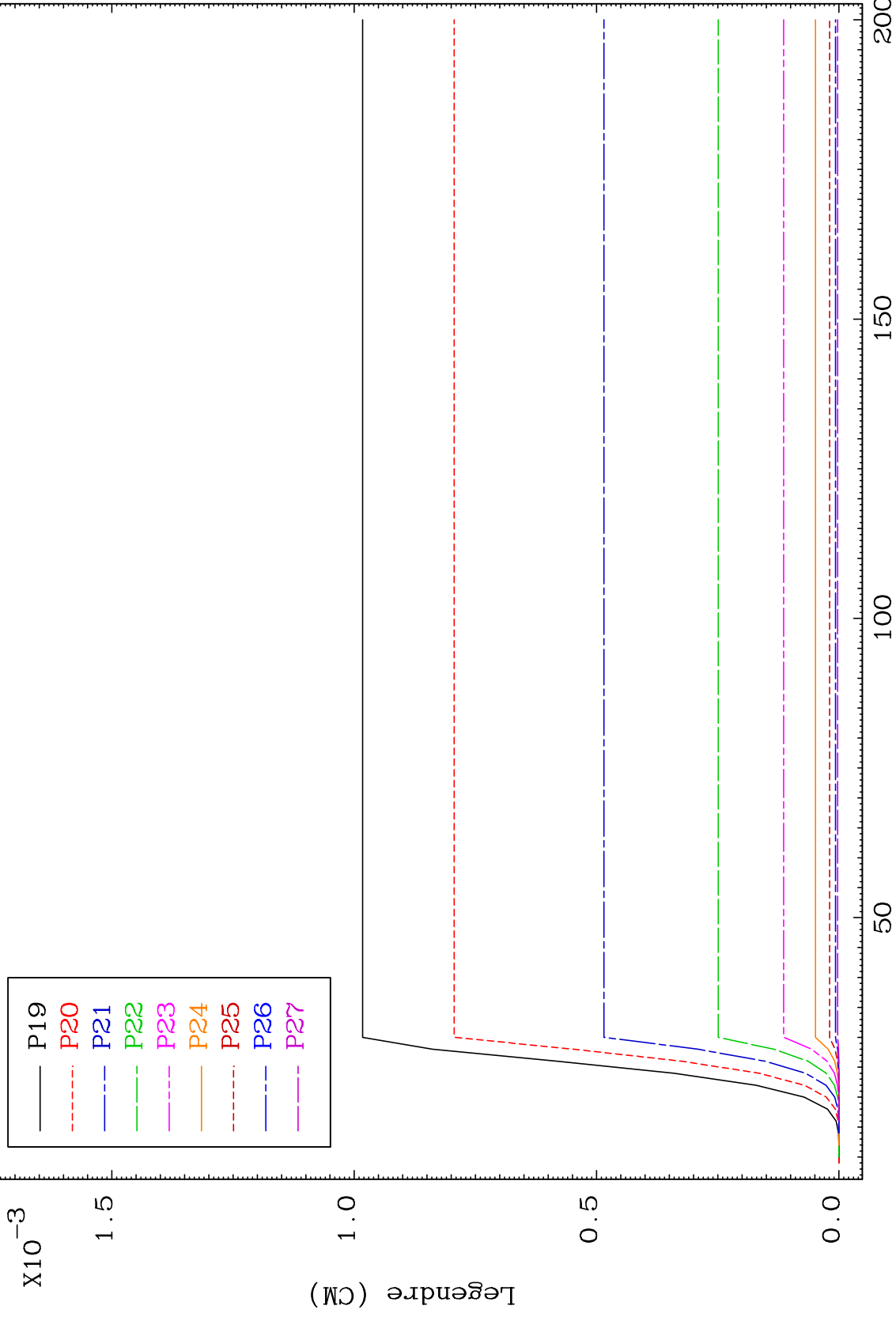
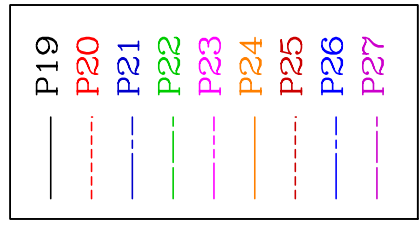
51-Sb-133



MAT 5161

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

51-Sb-133



75

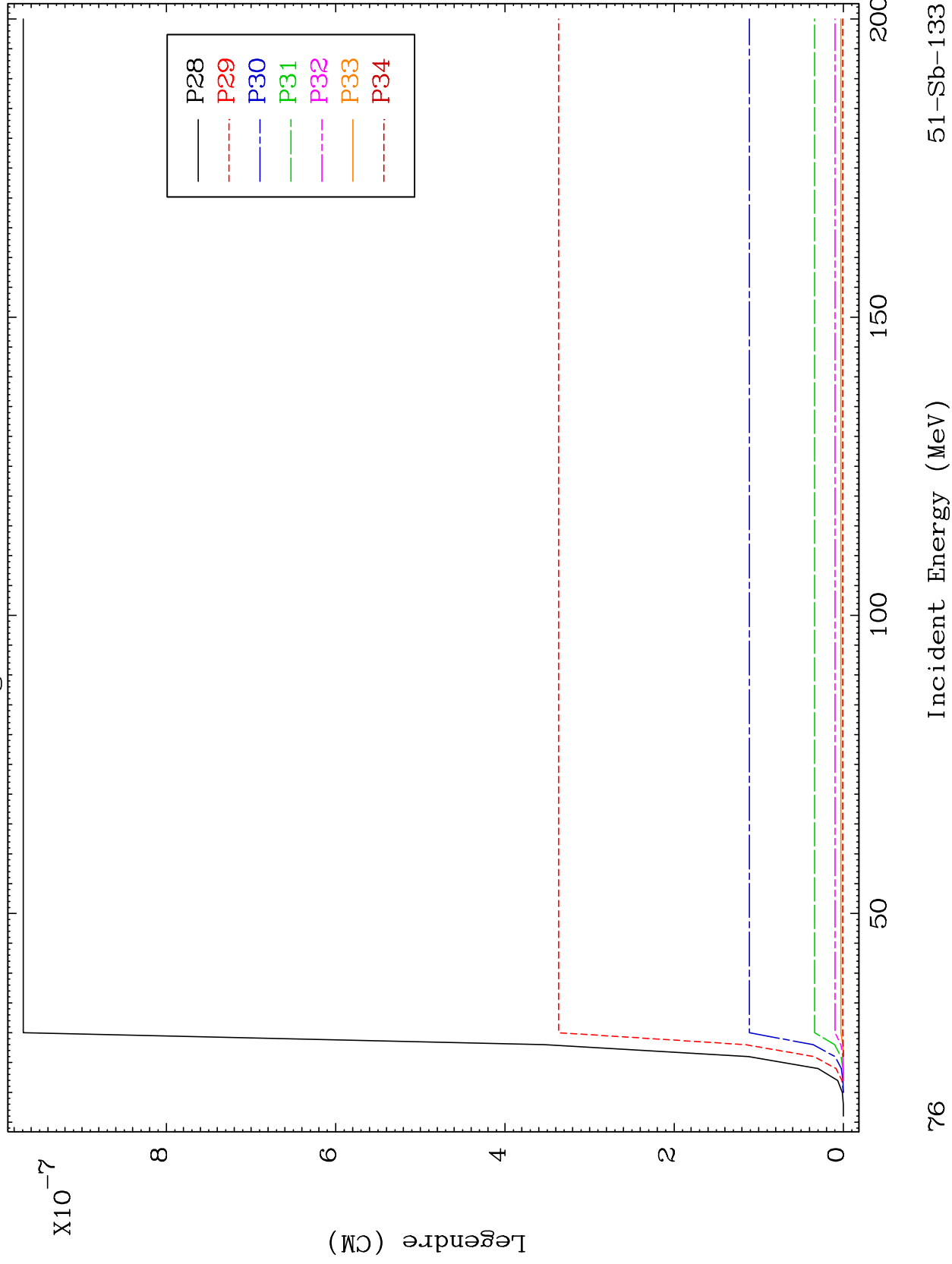
Incident Energy (MeV)

51-Sb-133

MAT 5161

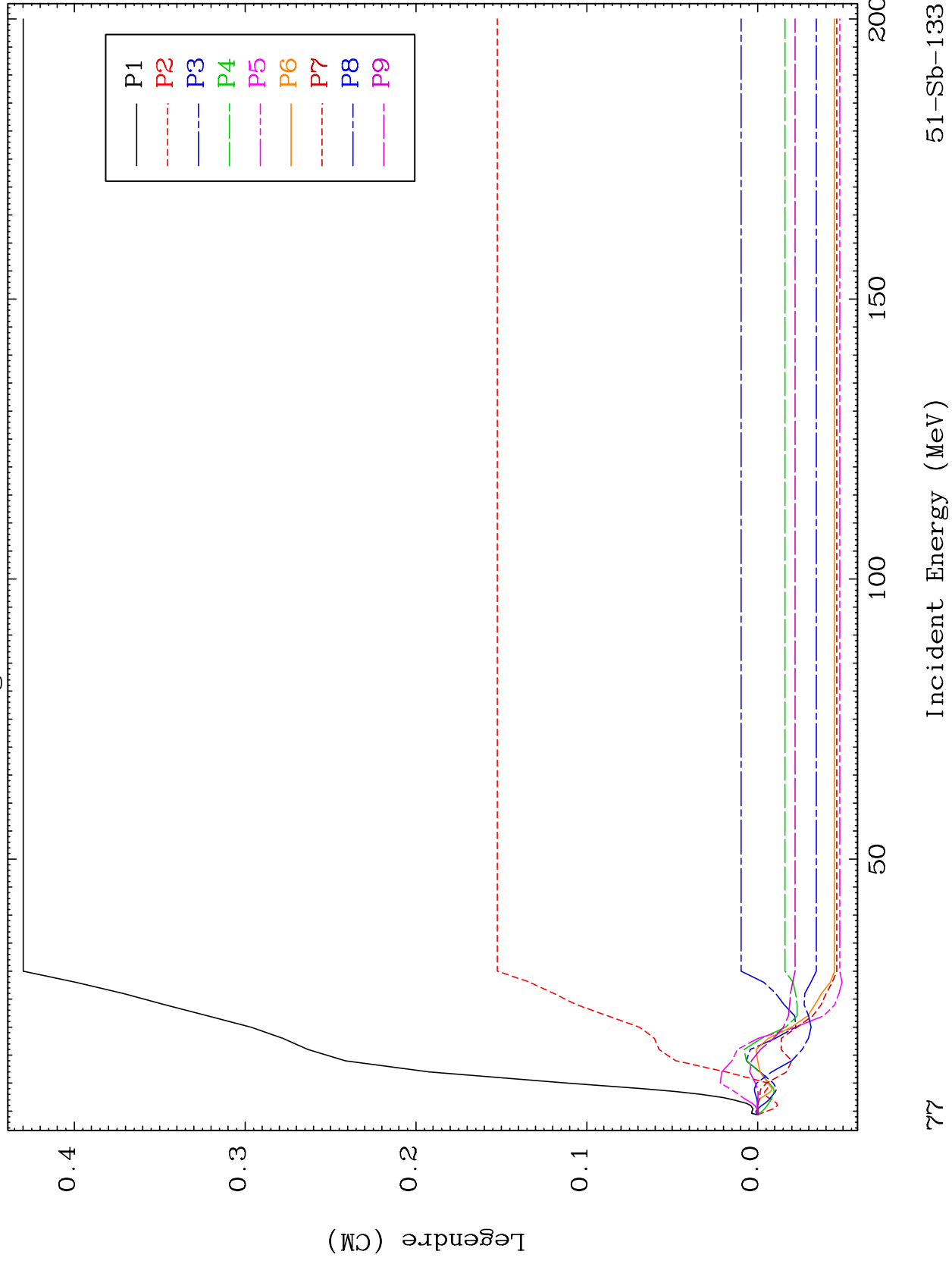
MT= 65 (n,n') Level  
Legendre Coefficients

51-Sb-133



76

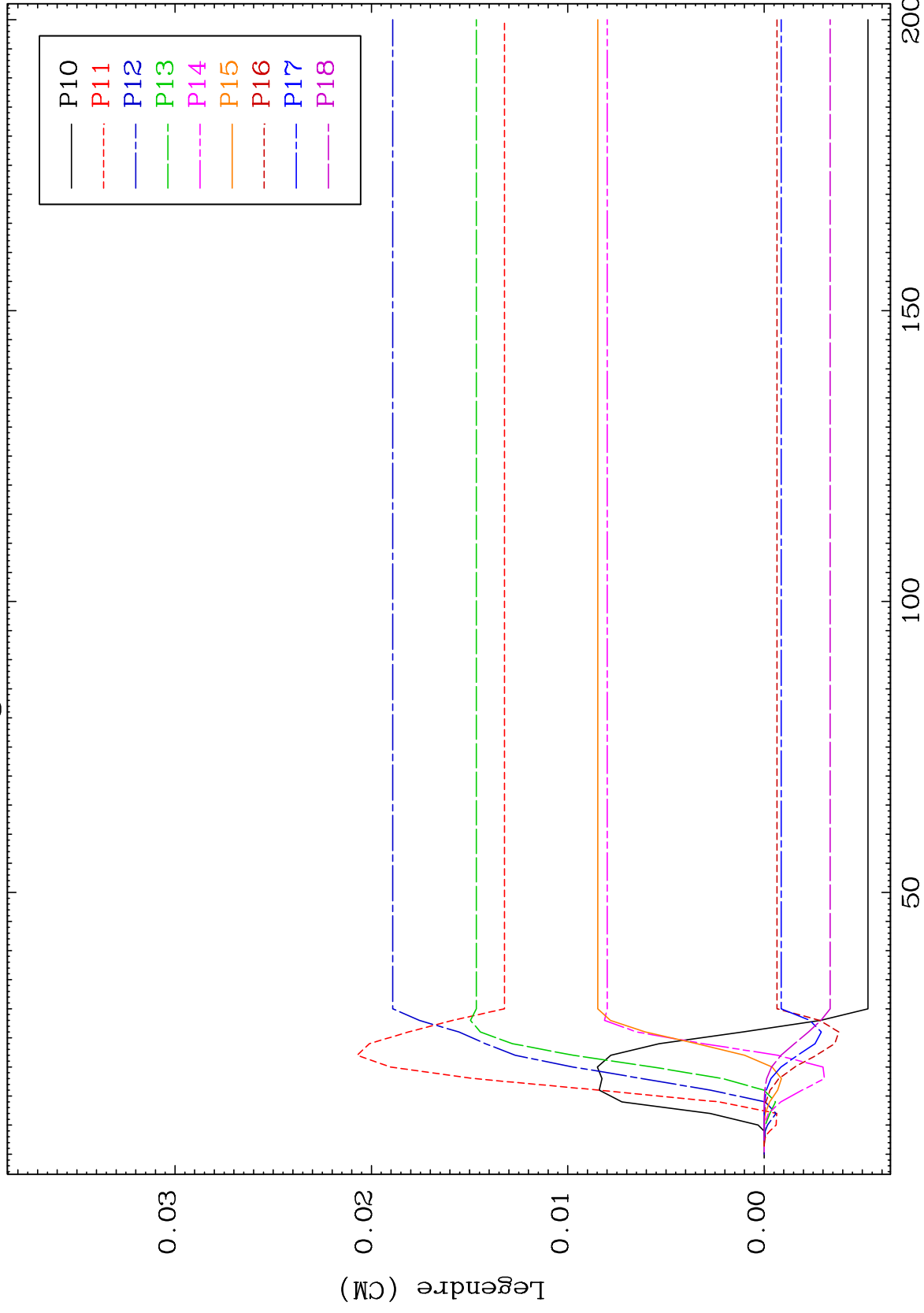
51-Sb-133



MAT 5161

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

51-Sb-133



78

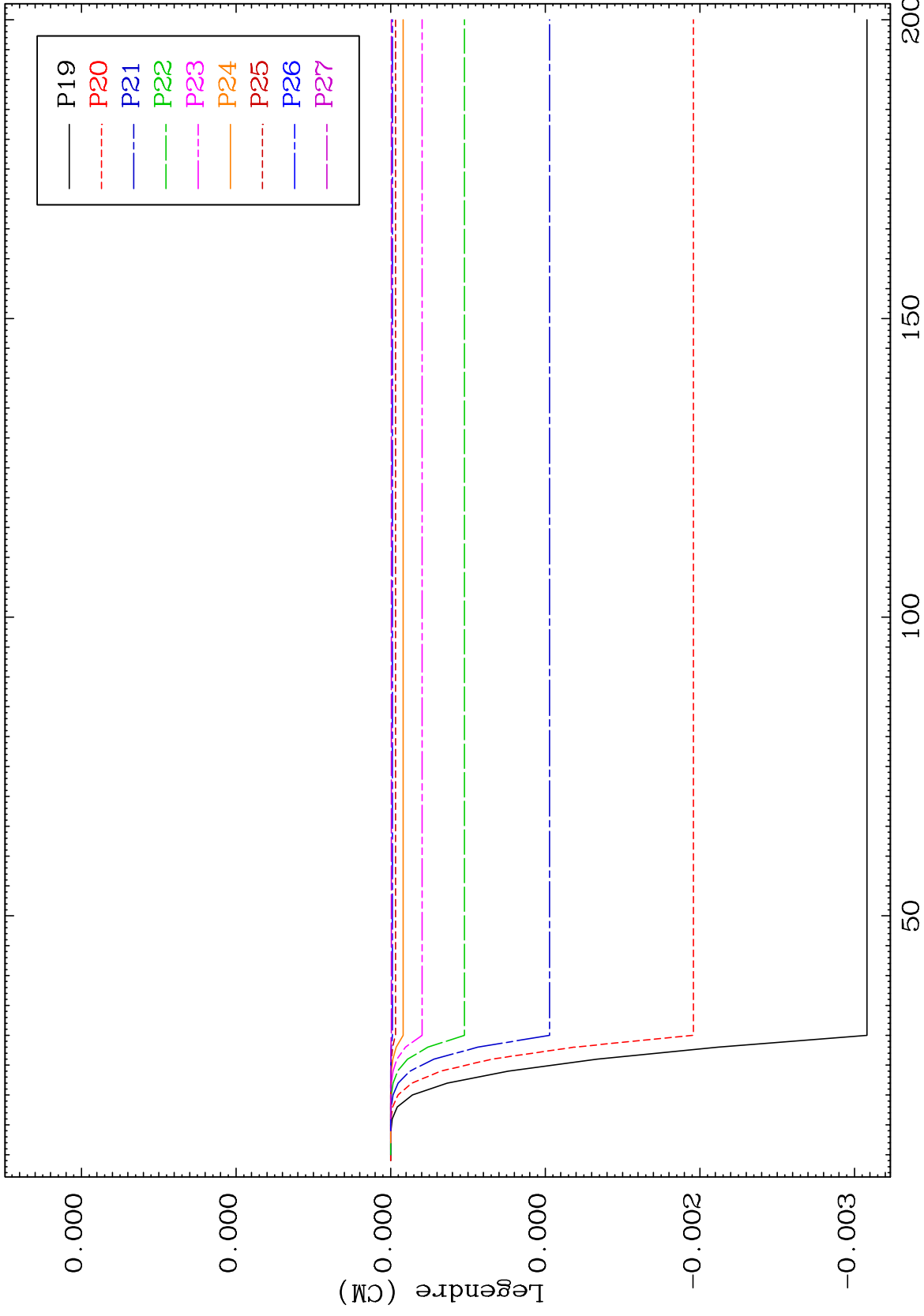
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133

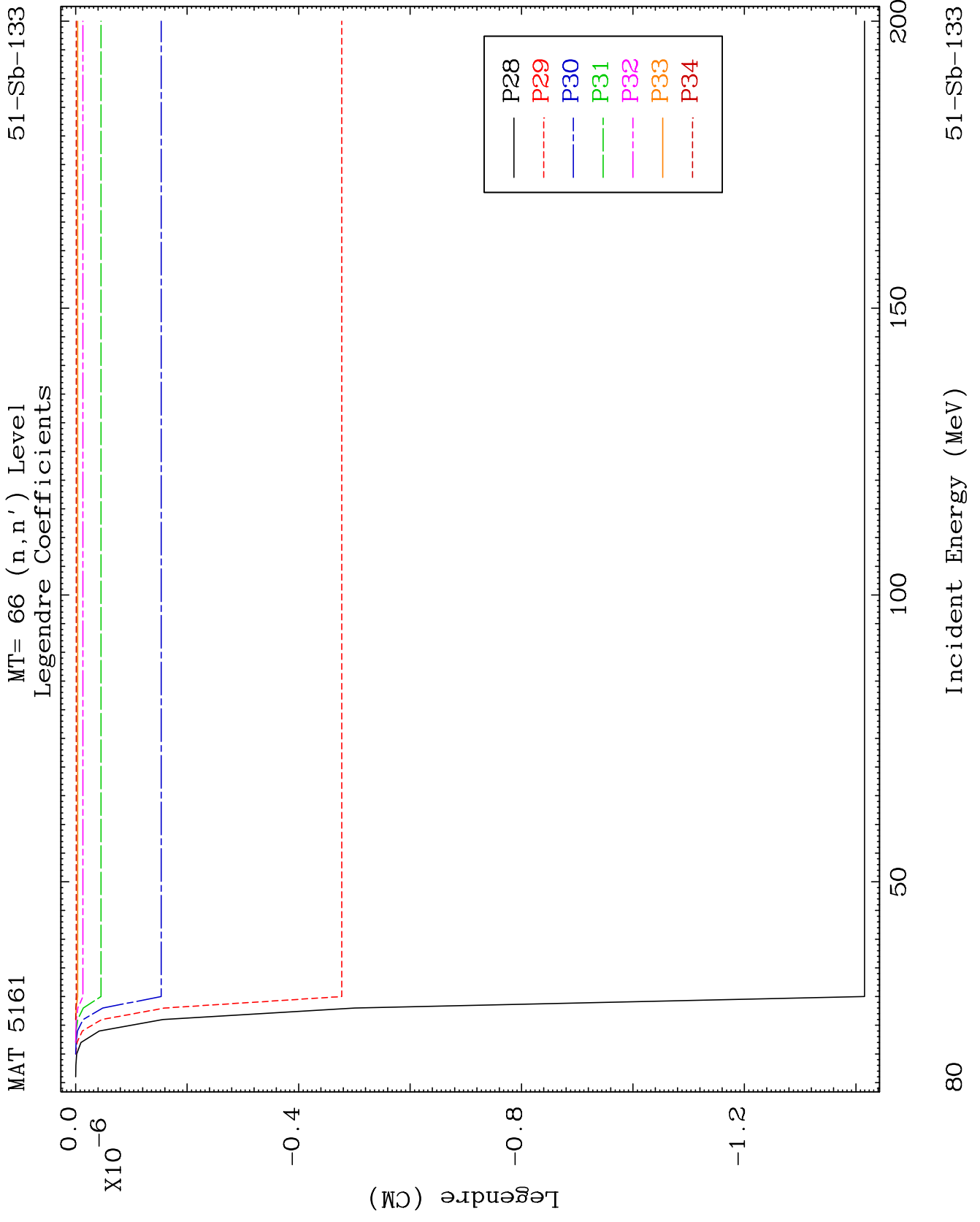


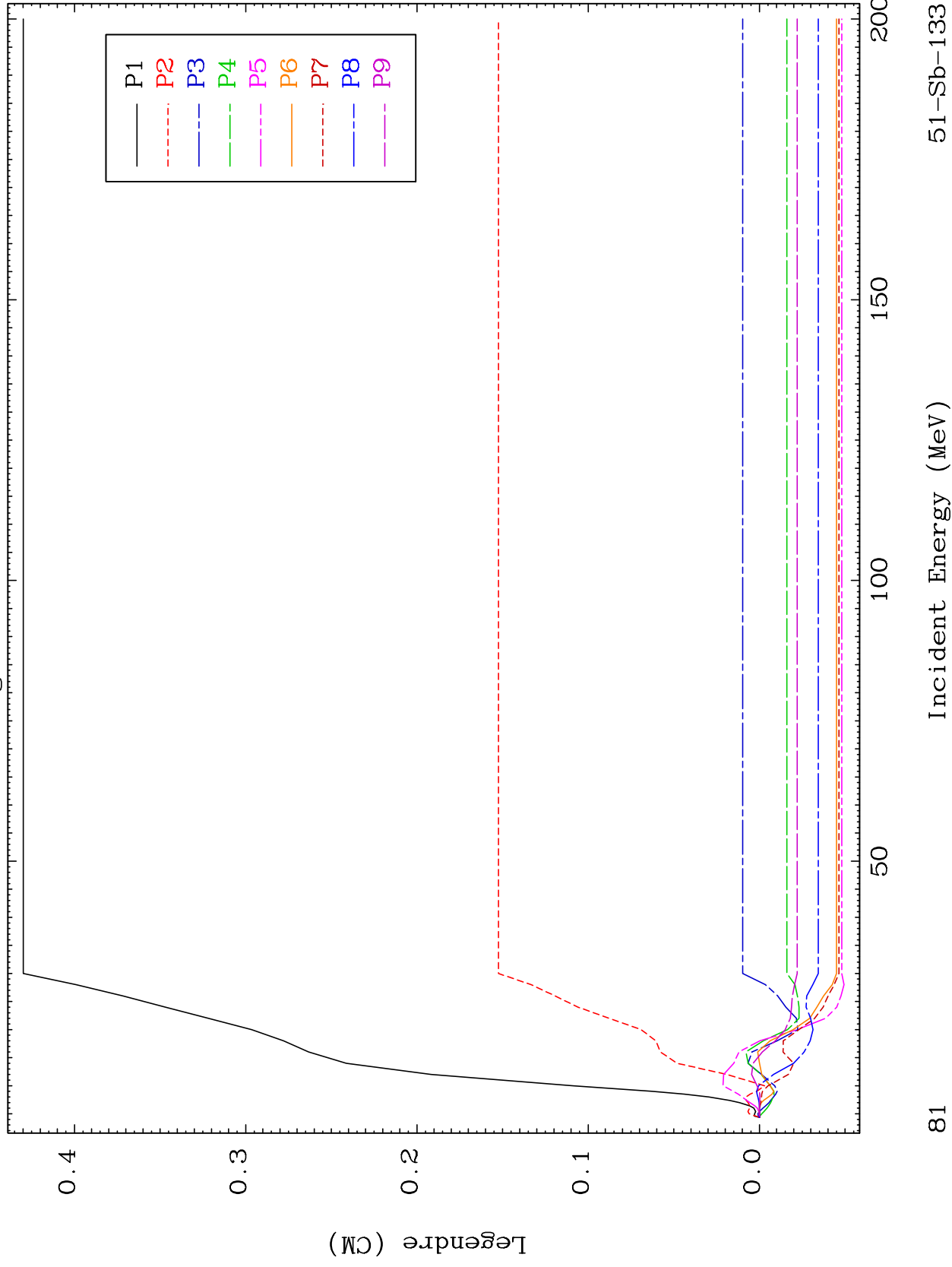
79

Incident Energy (MeV)

51-Sb-133



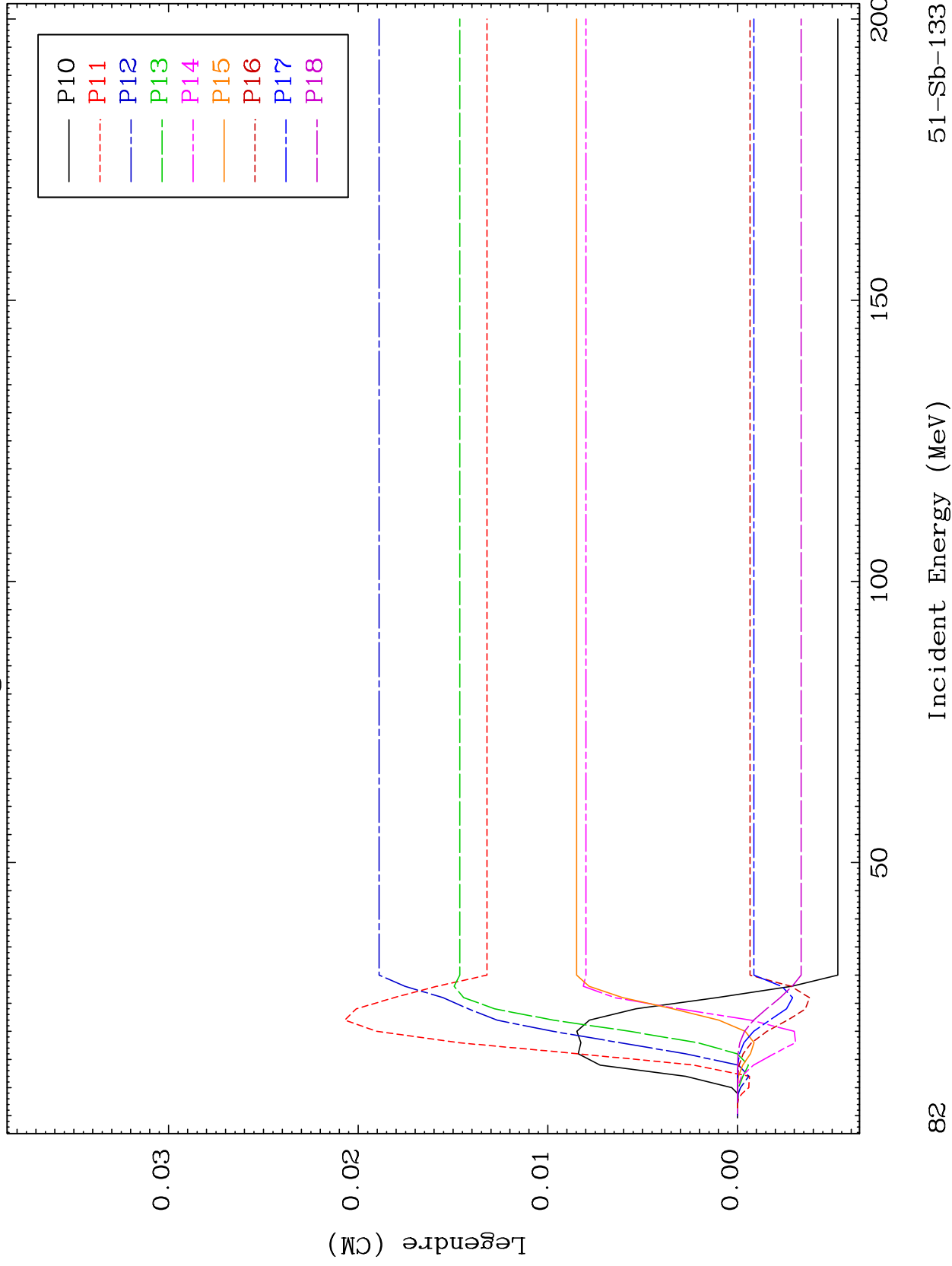




MAT 5161

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

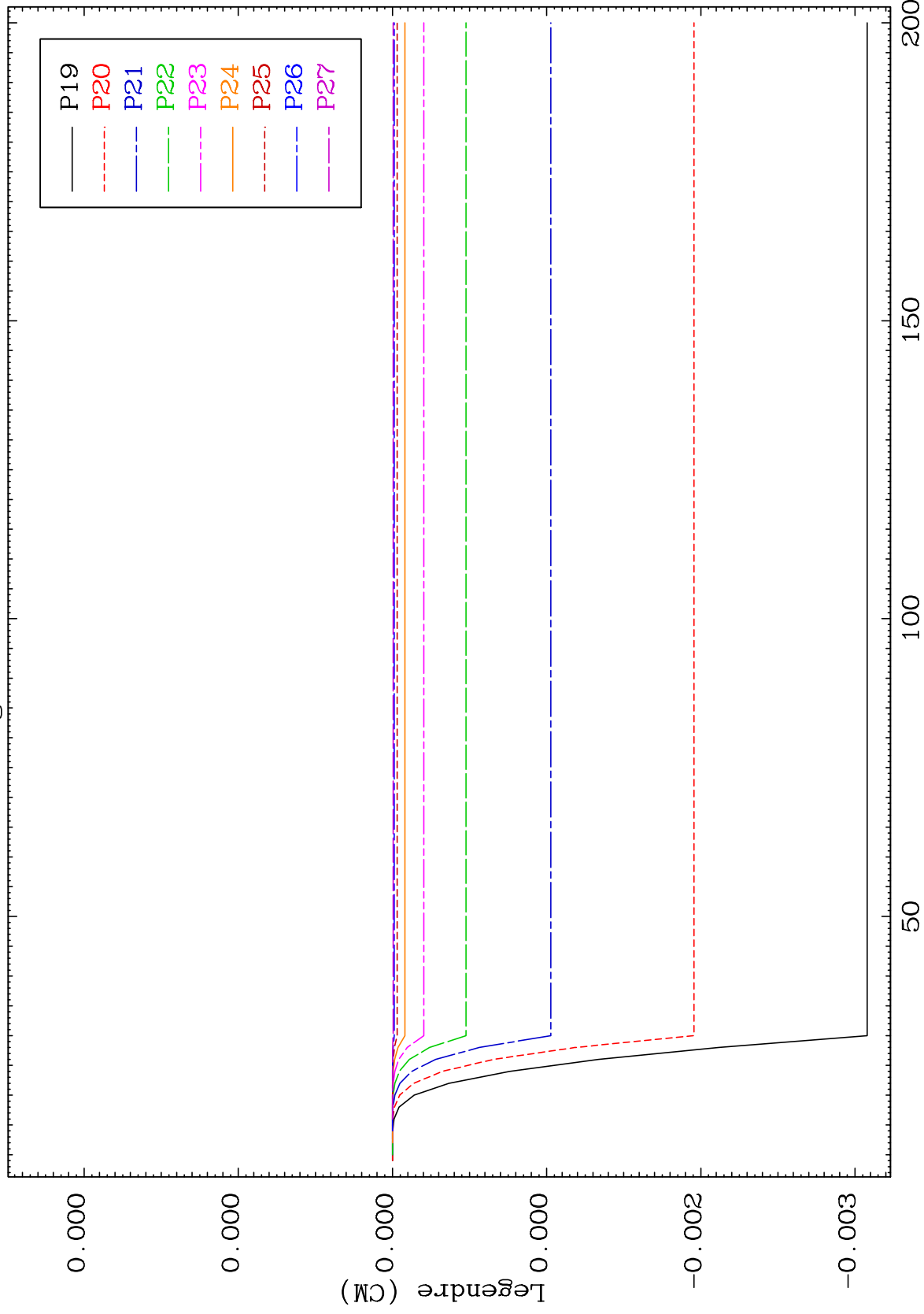
51-Sb-133

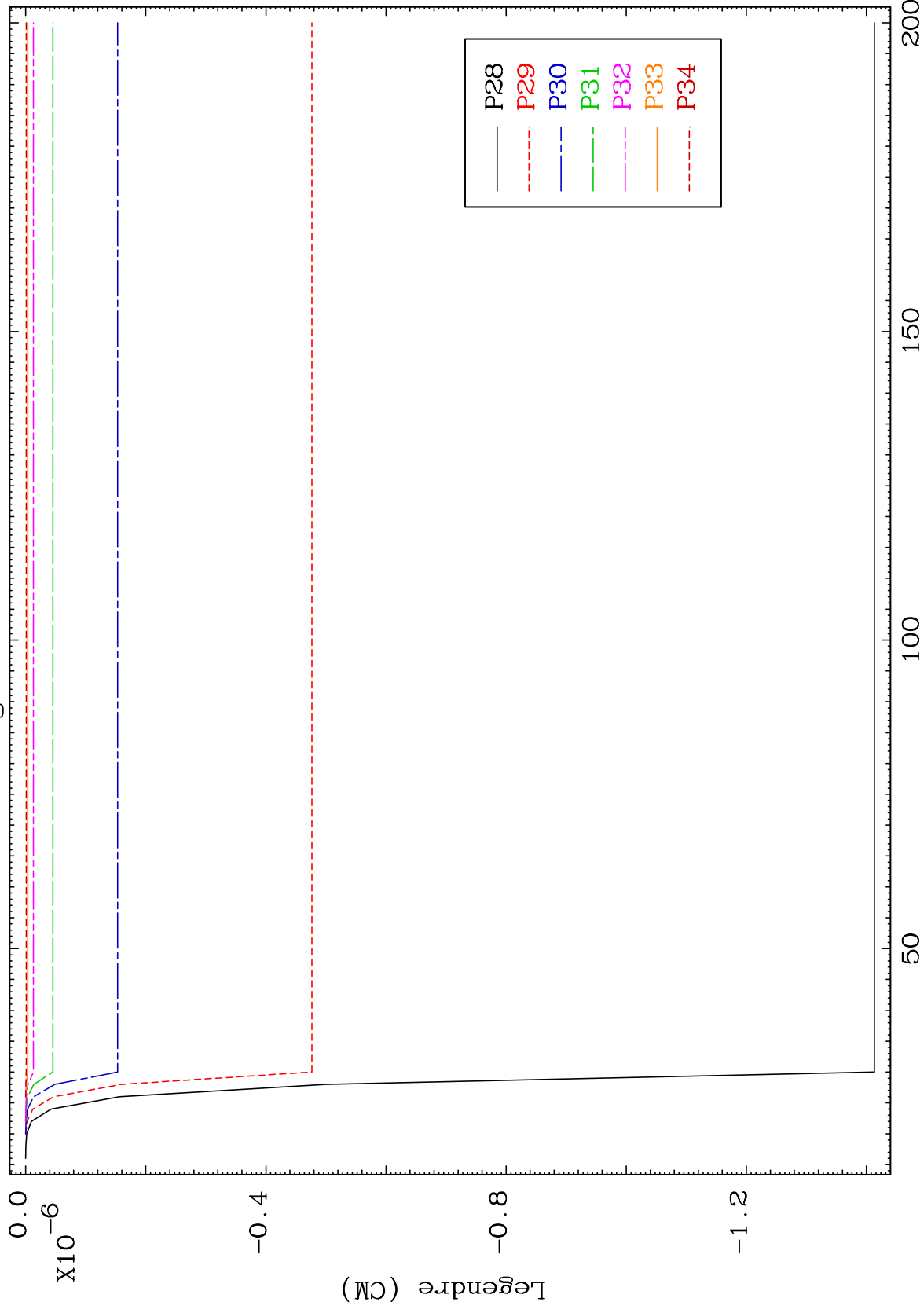


82

Incident Energy (MeV)

51-Sb-133

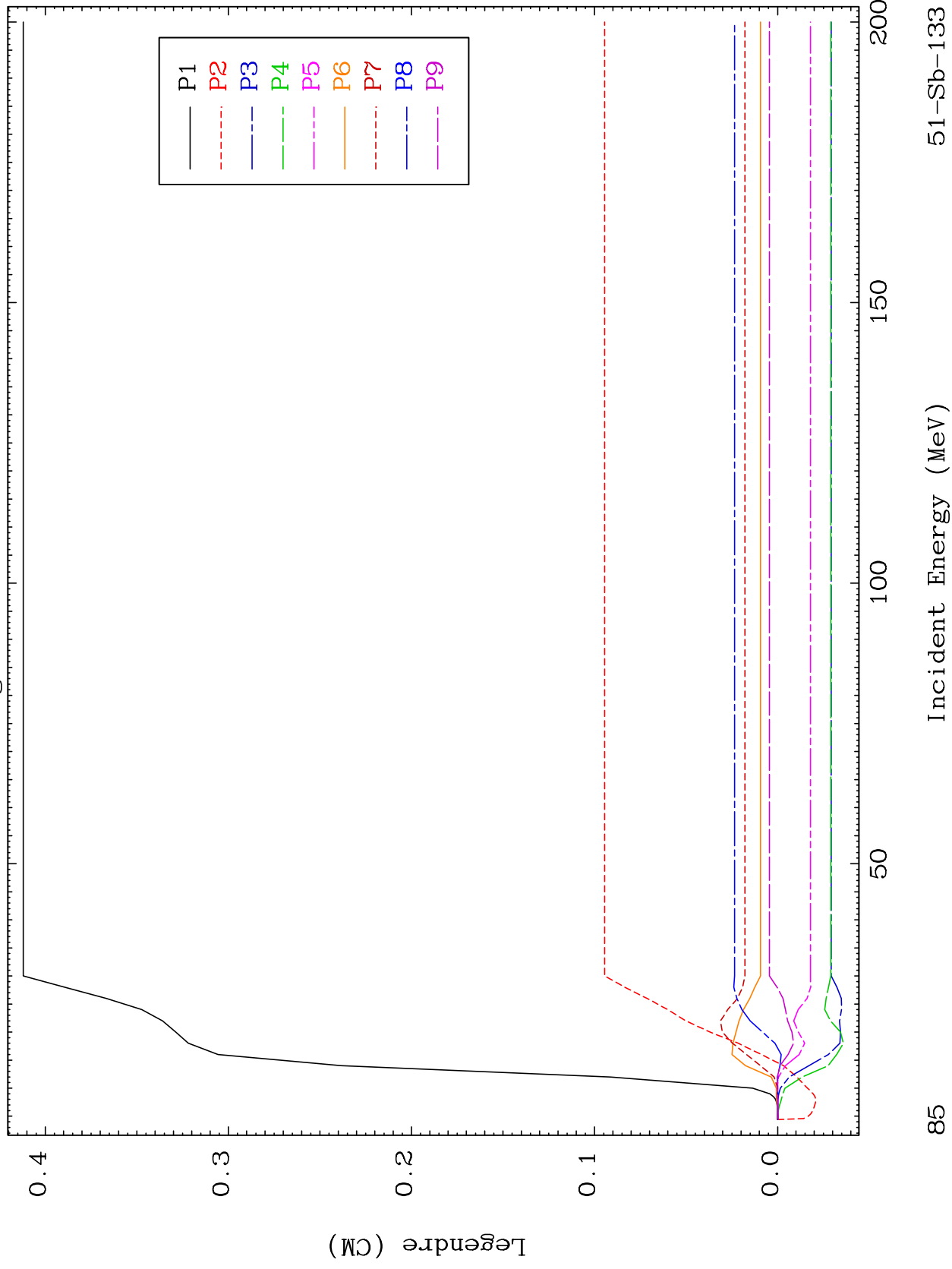




MAT 5161

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

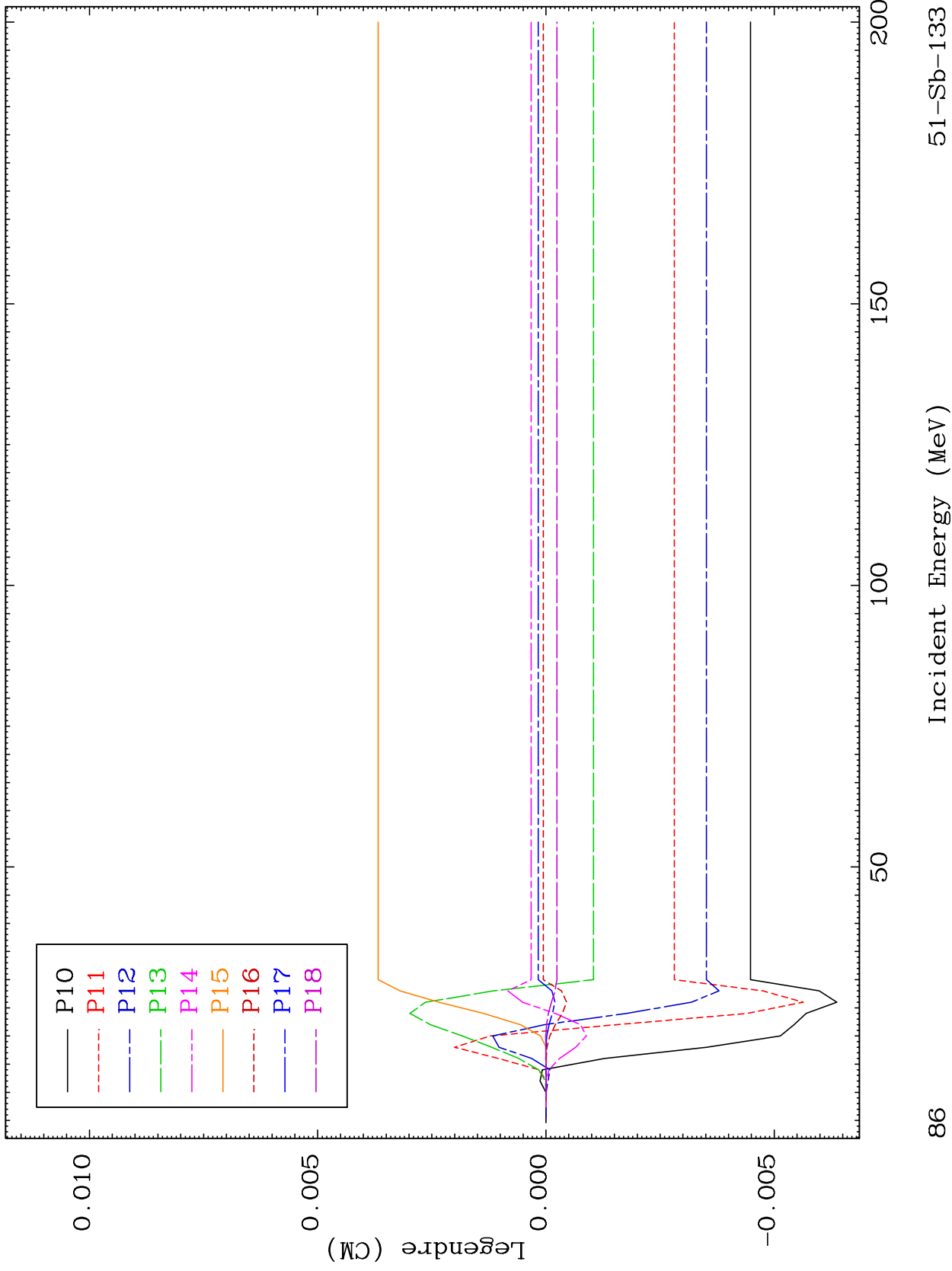
51-Sb-133



51-Sb-133

Incident Energy (MeV)

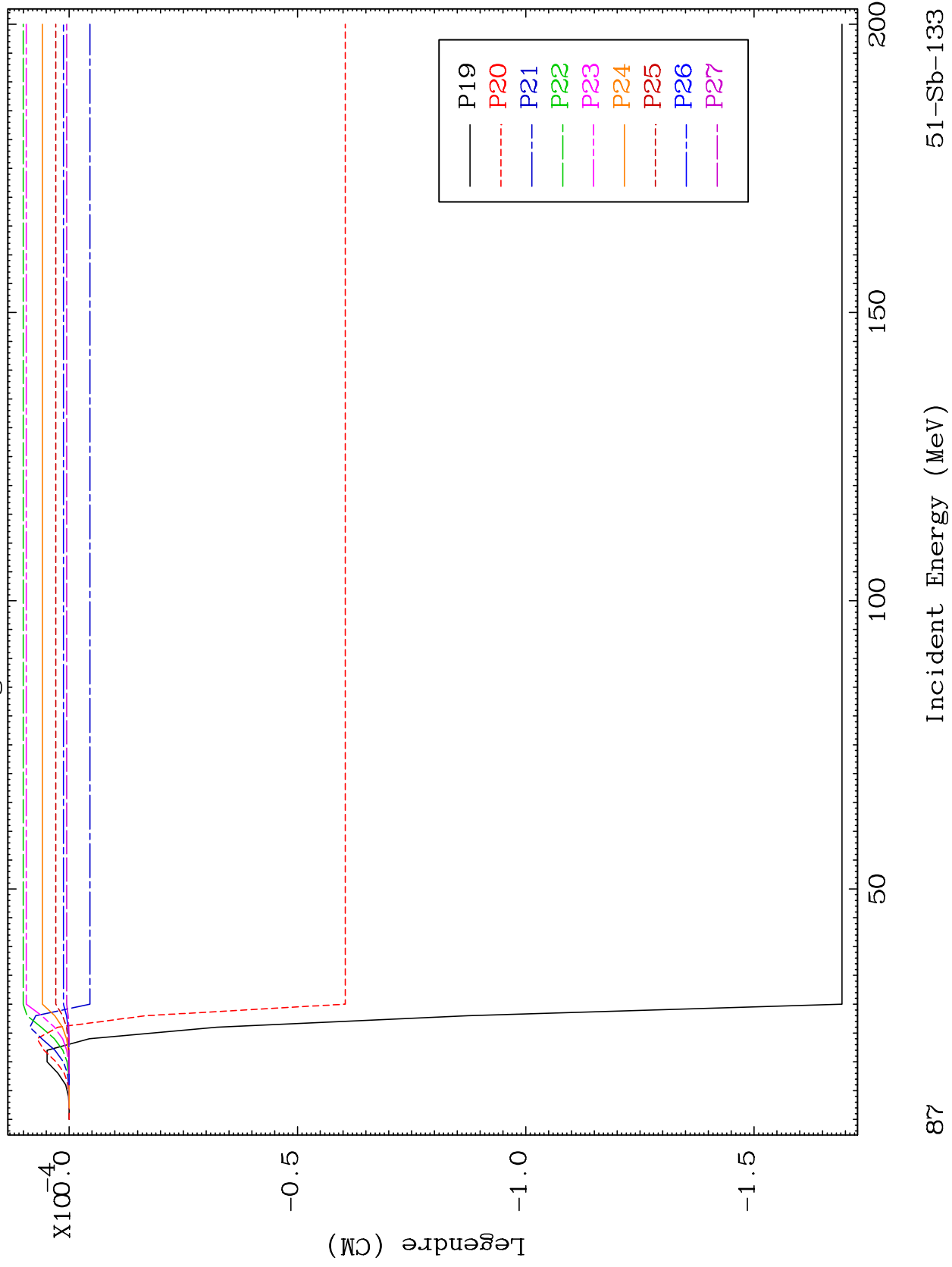
85



MAT 5161

51-Sb-133

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



87

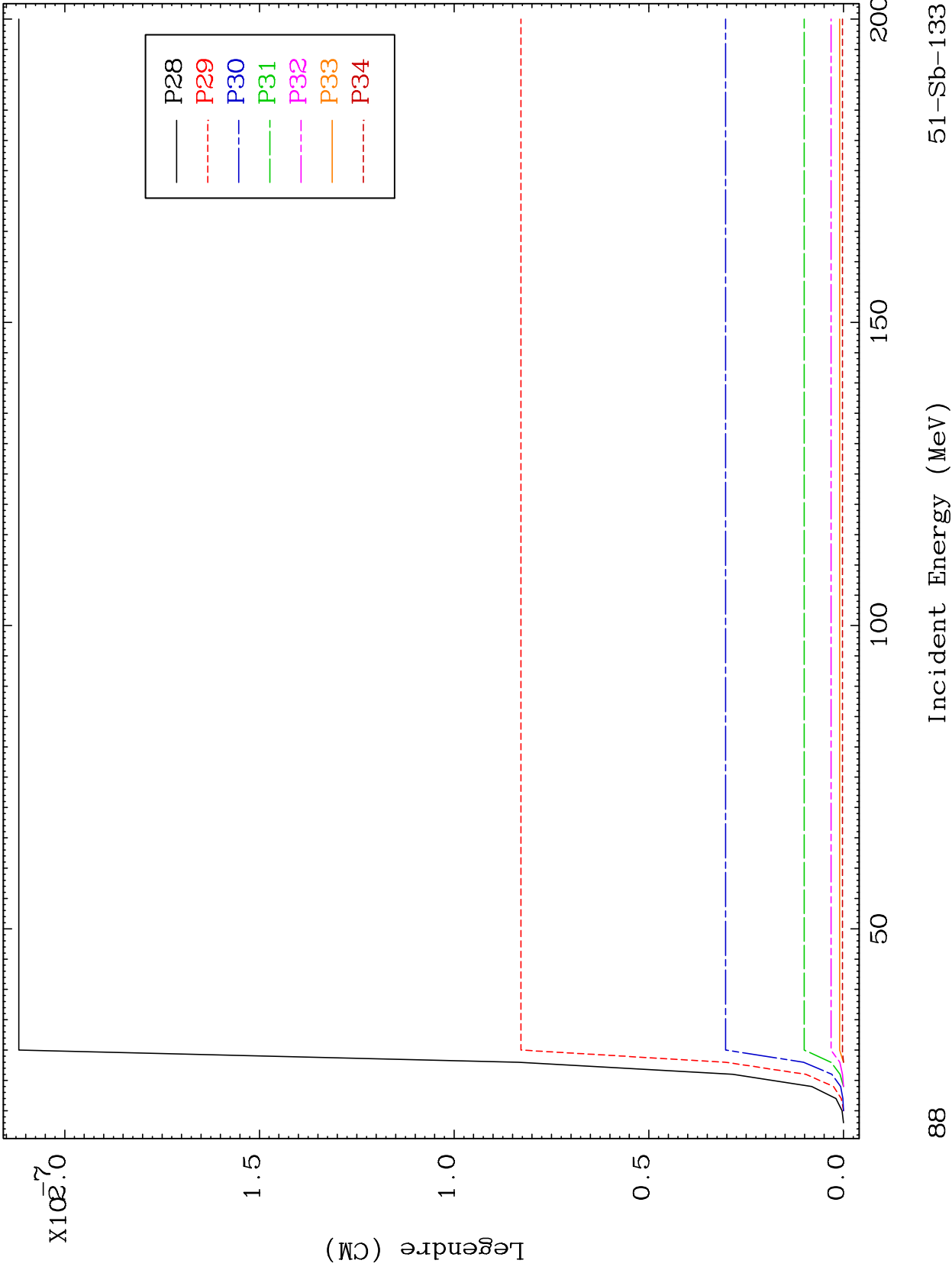
51-Sb-133

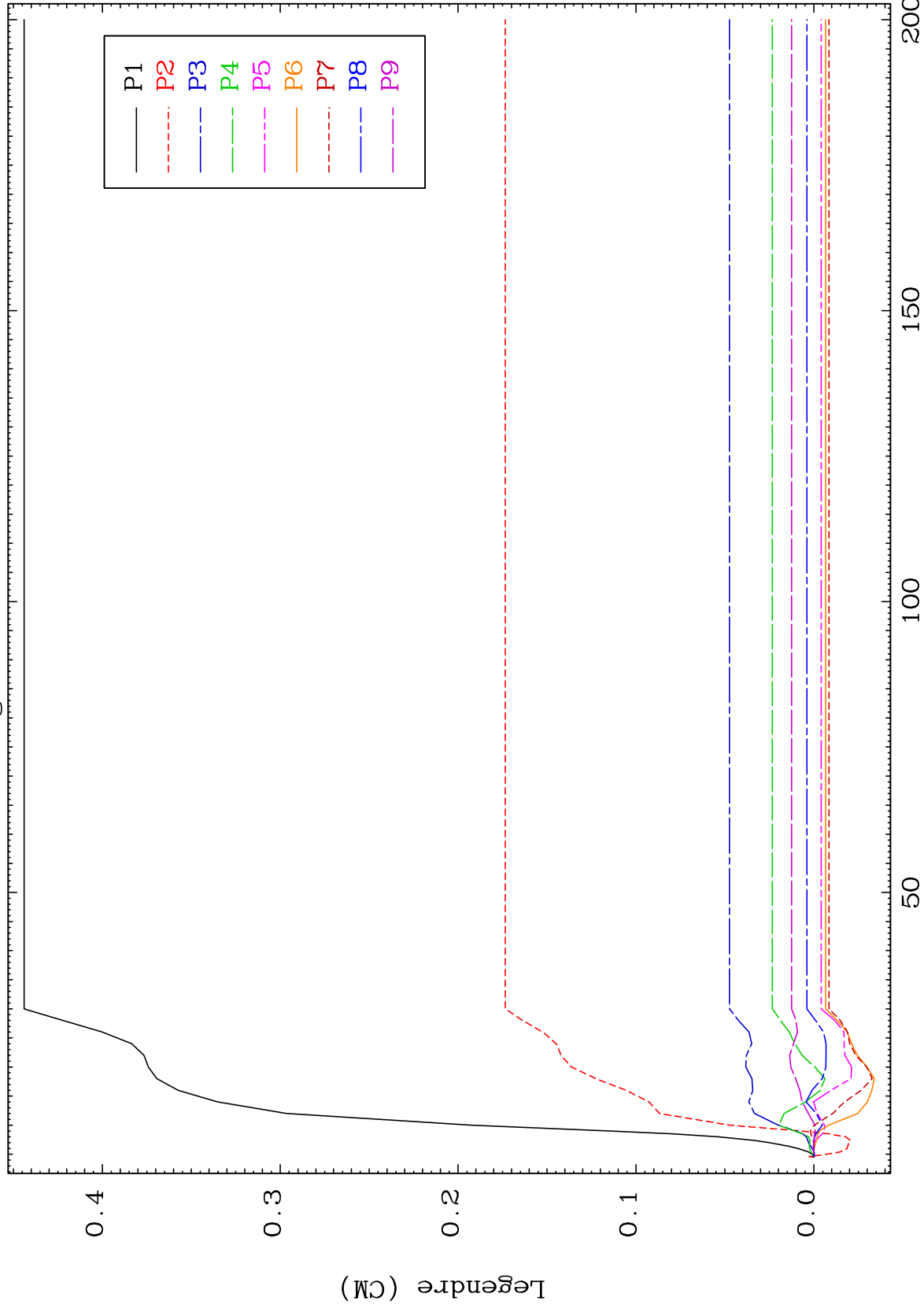


MAT 5161

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

51-Sb-133

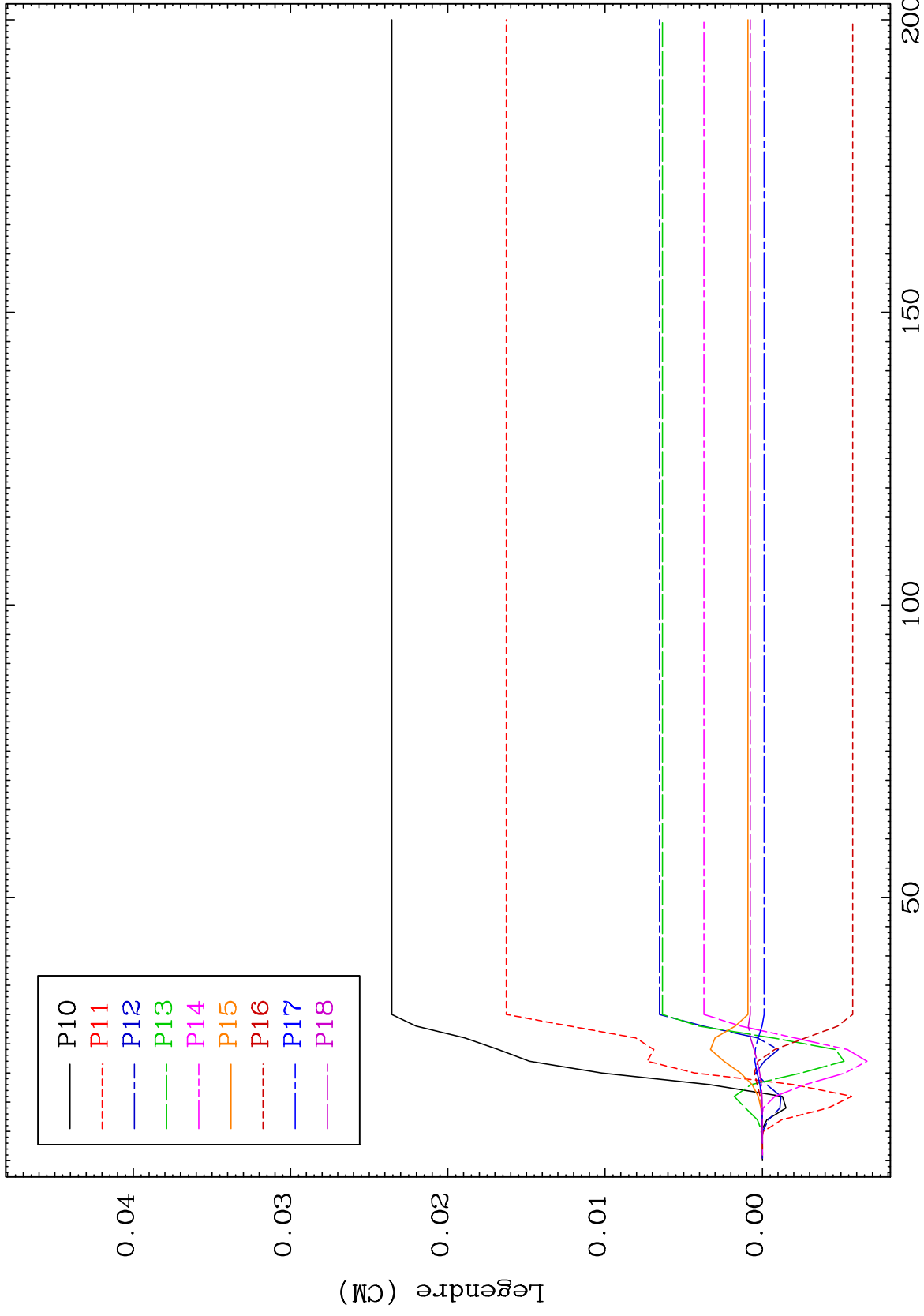




MAT 5161

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

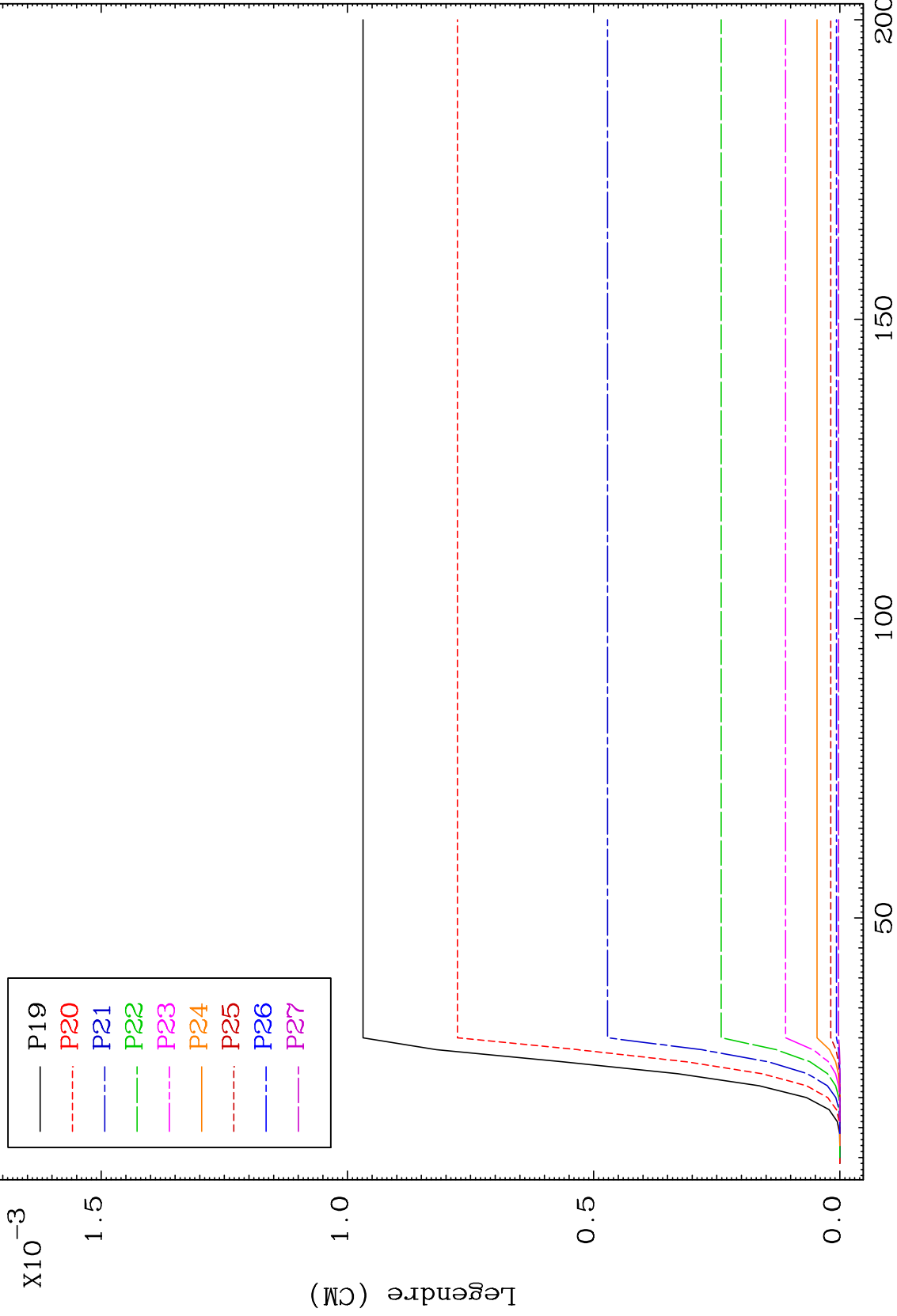
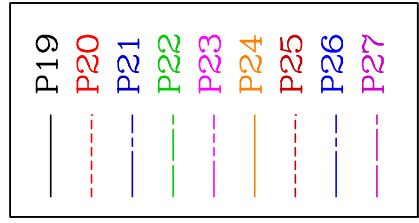
51-Sb-133



90

Incident Energy (MeV)

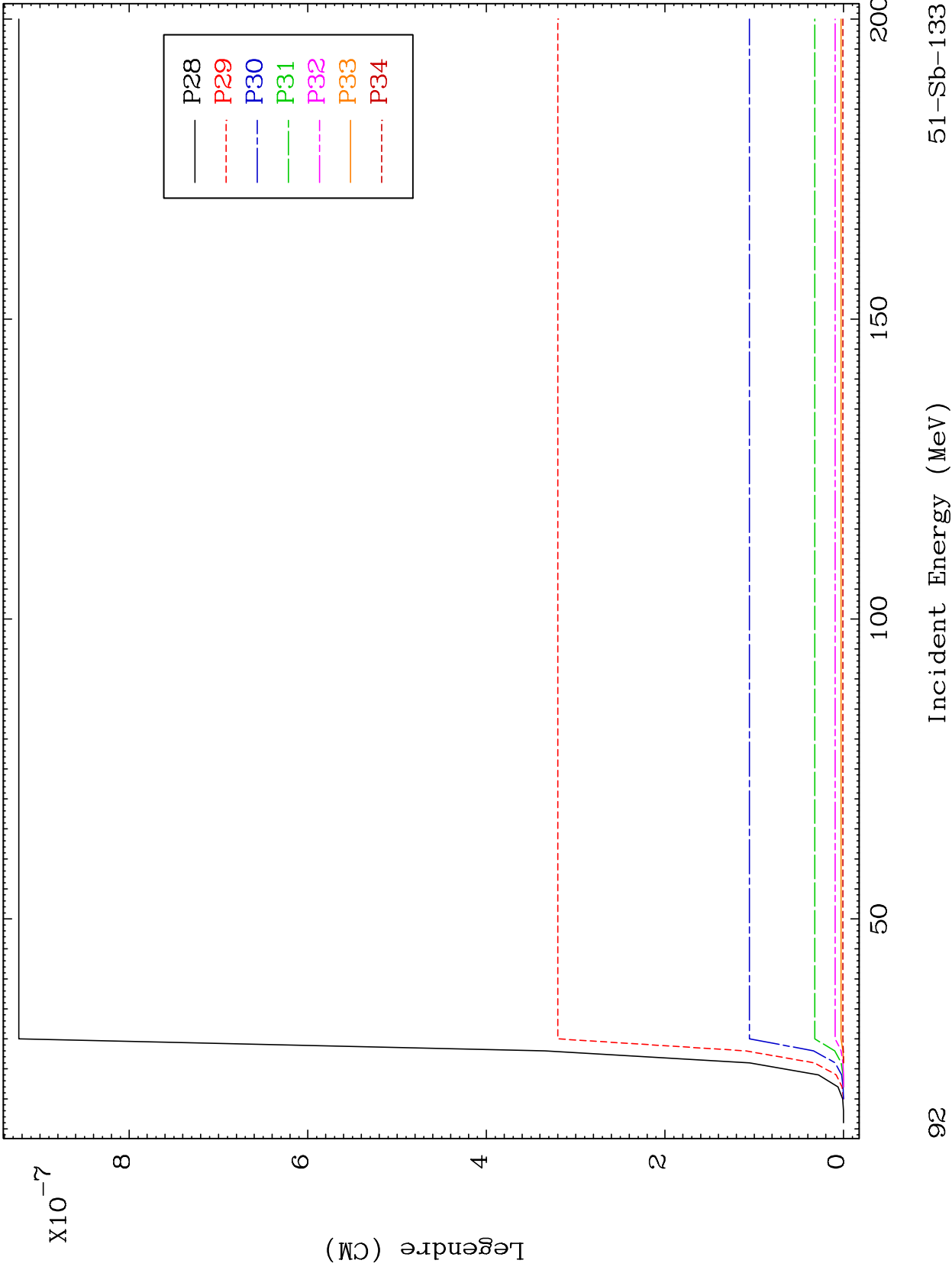
51-Sb-133



MAT 5161

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

51-Sb-133



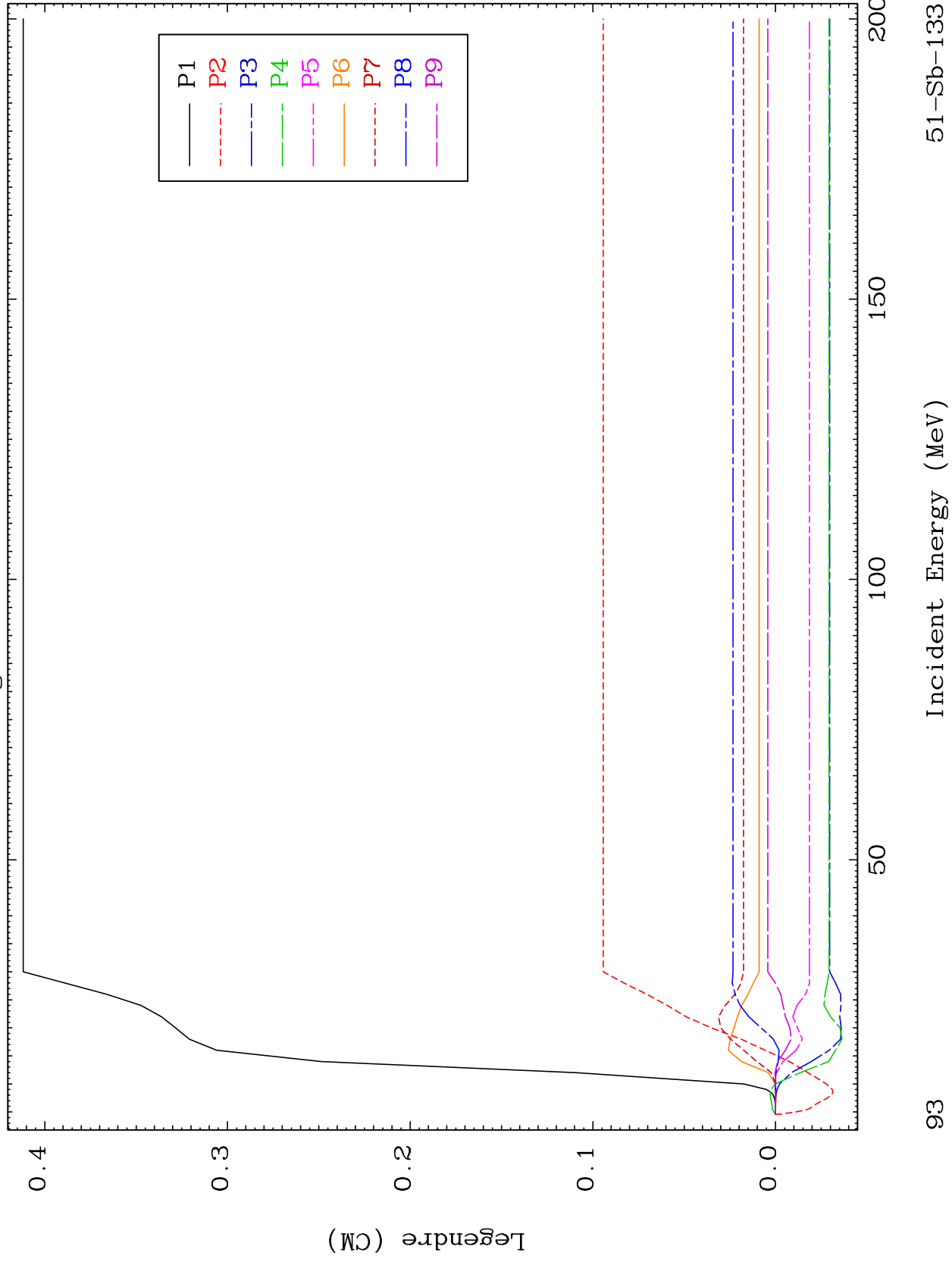
92

51-Sb-133

MAT 5161

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

51-Sb-133



93

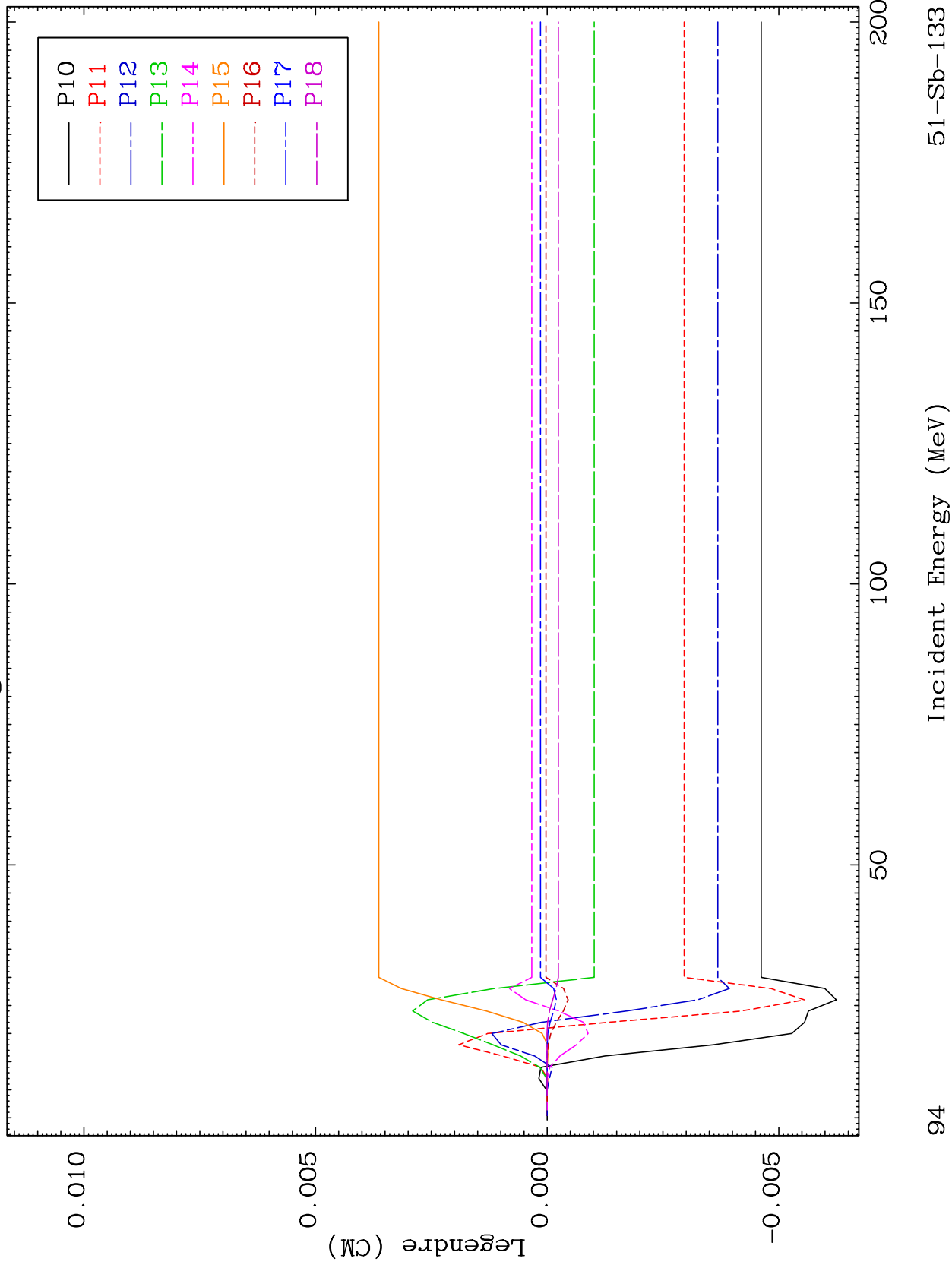
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



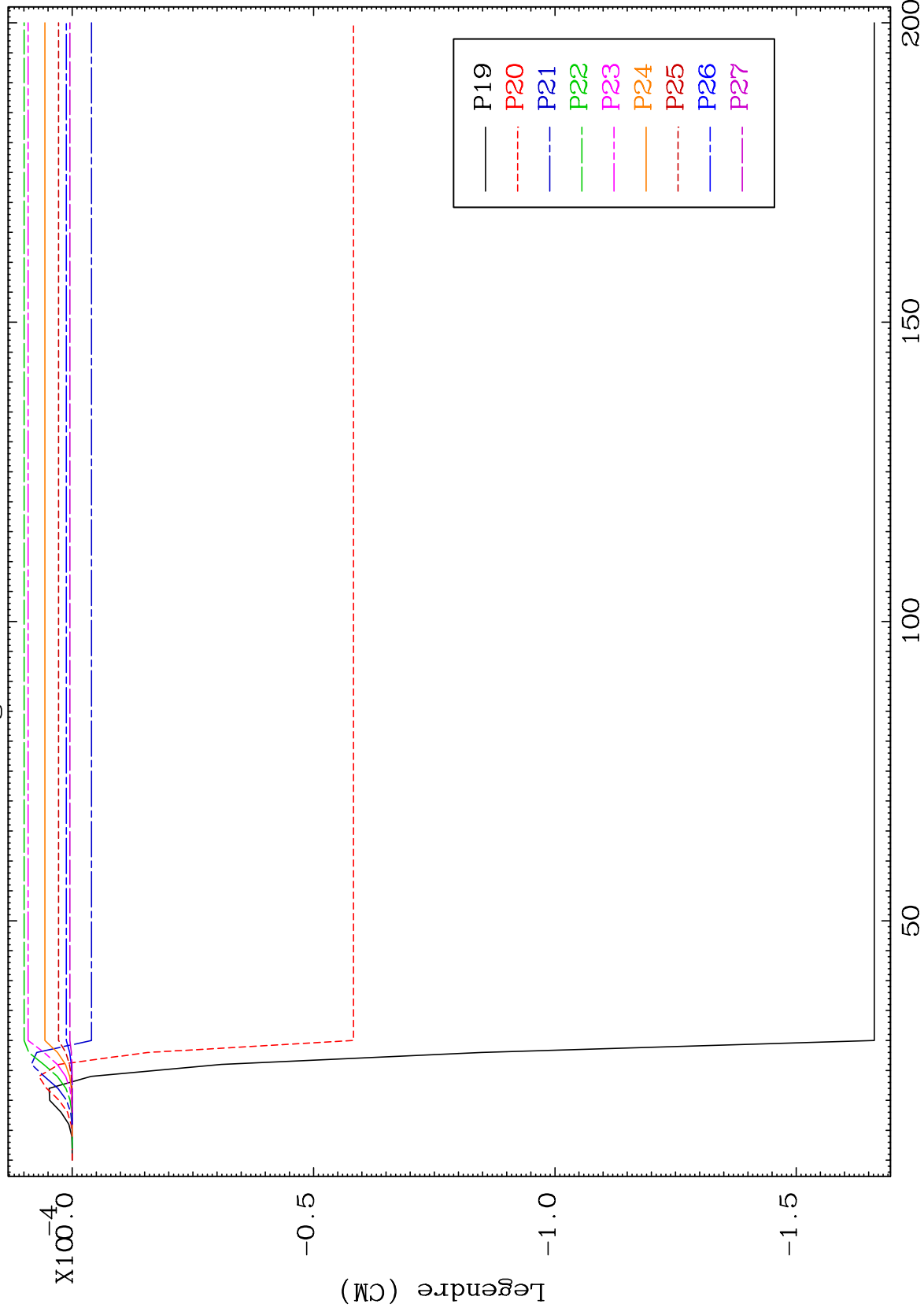
94

51-Sb-133

MAT 5161

51-Sb-133

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



95

Incident Energy (MeV)

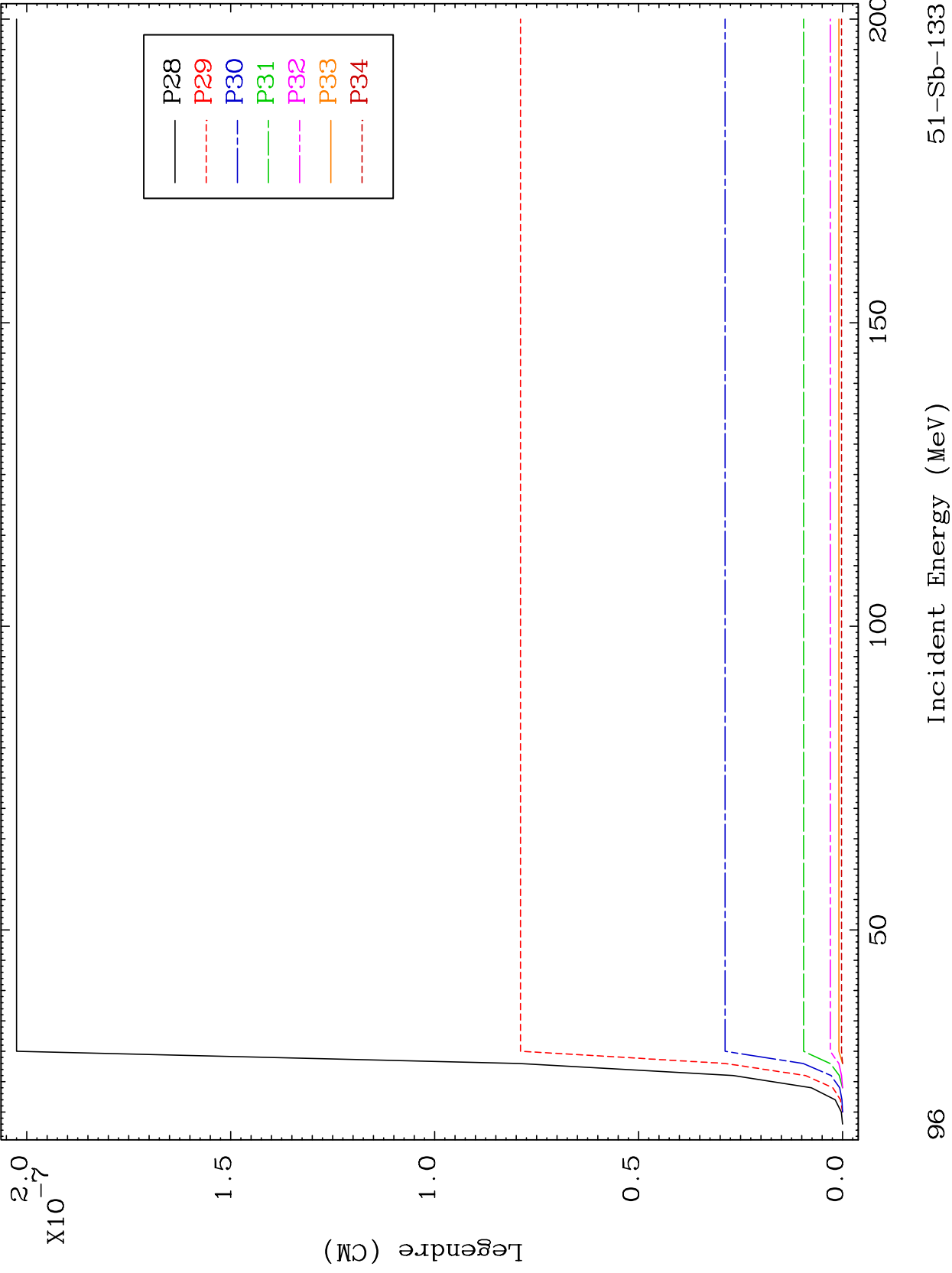
51-Sb-133

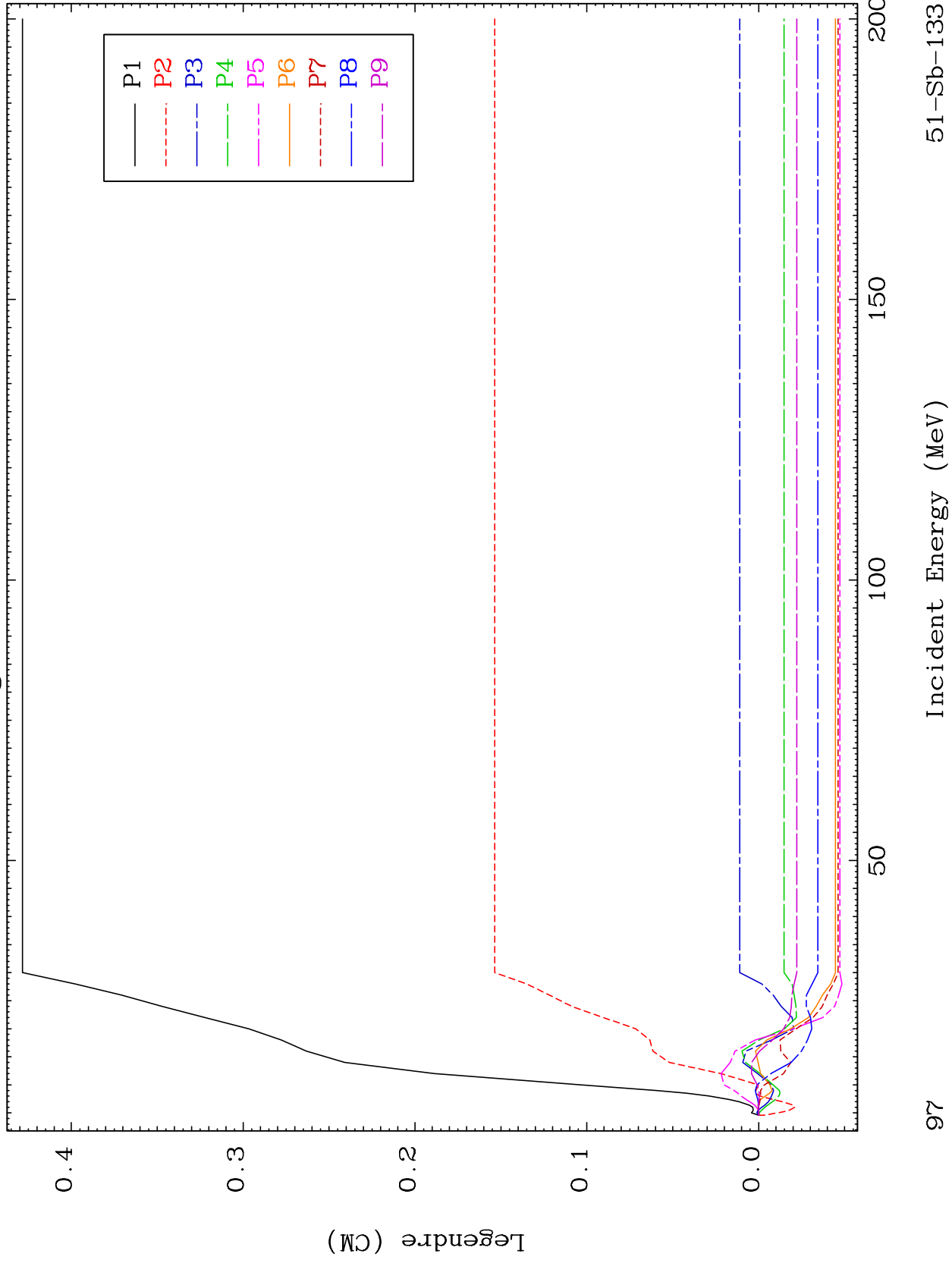


MAT 5161

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

51-Sb-133

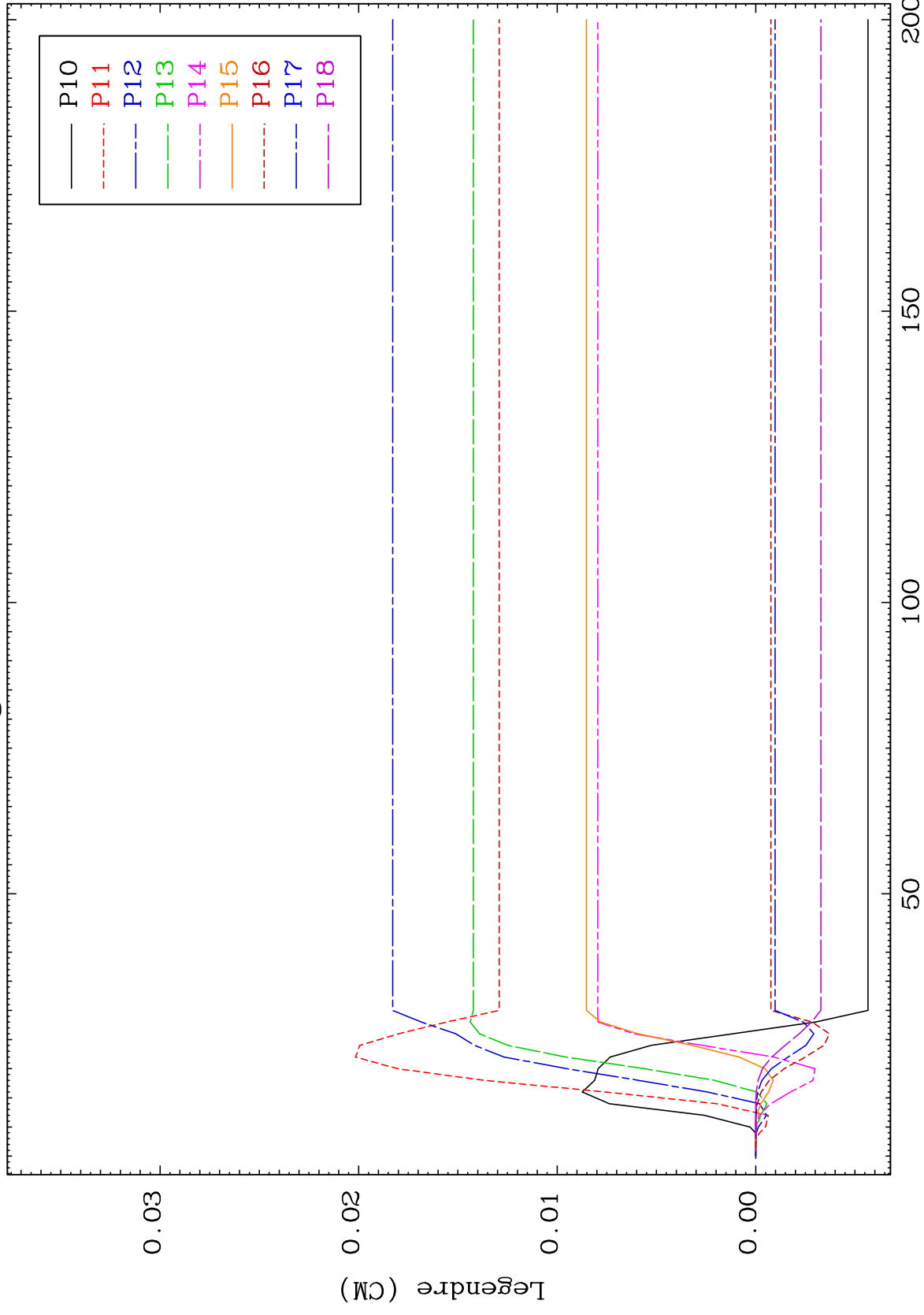




MAT 5161

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

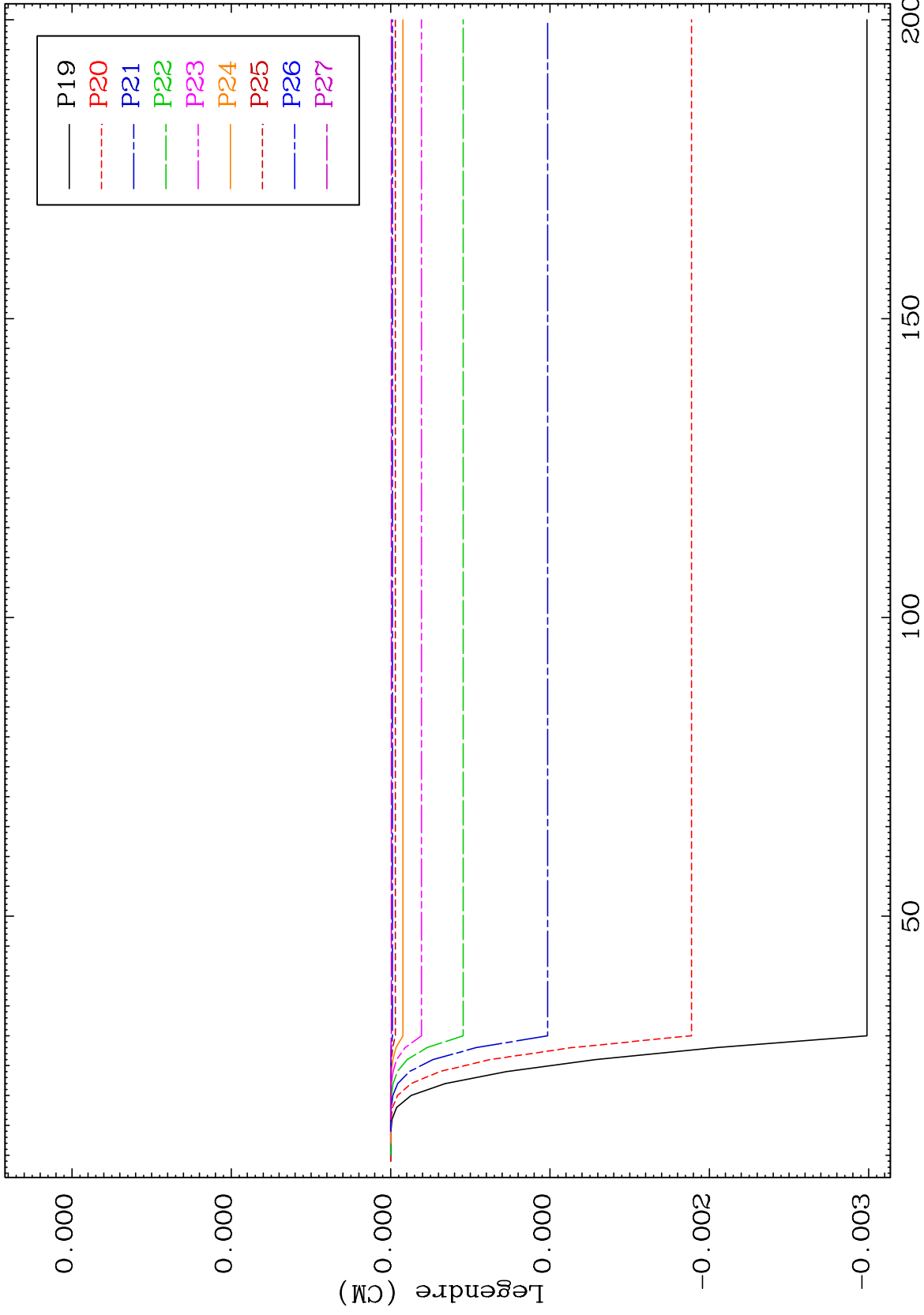
51-Sb-133



98

Incident Energy (MeV)

51-Sb-133

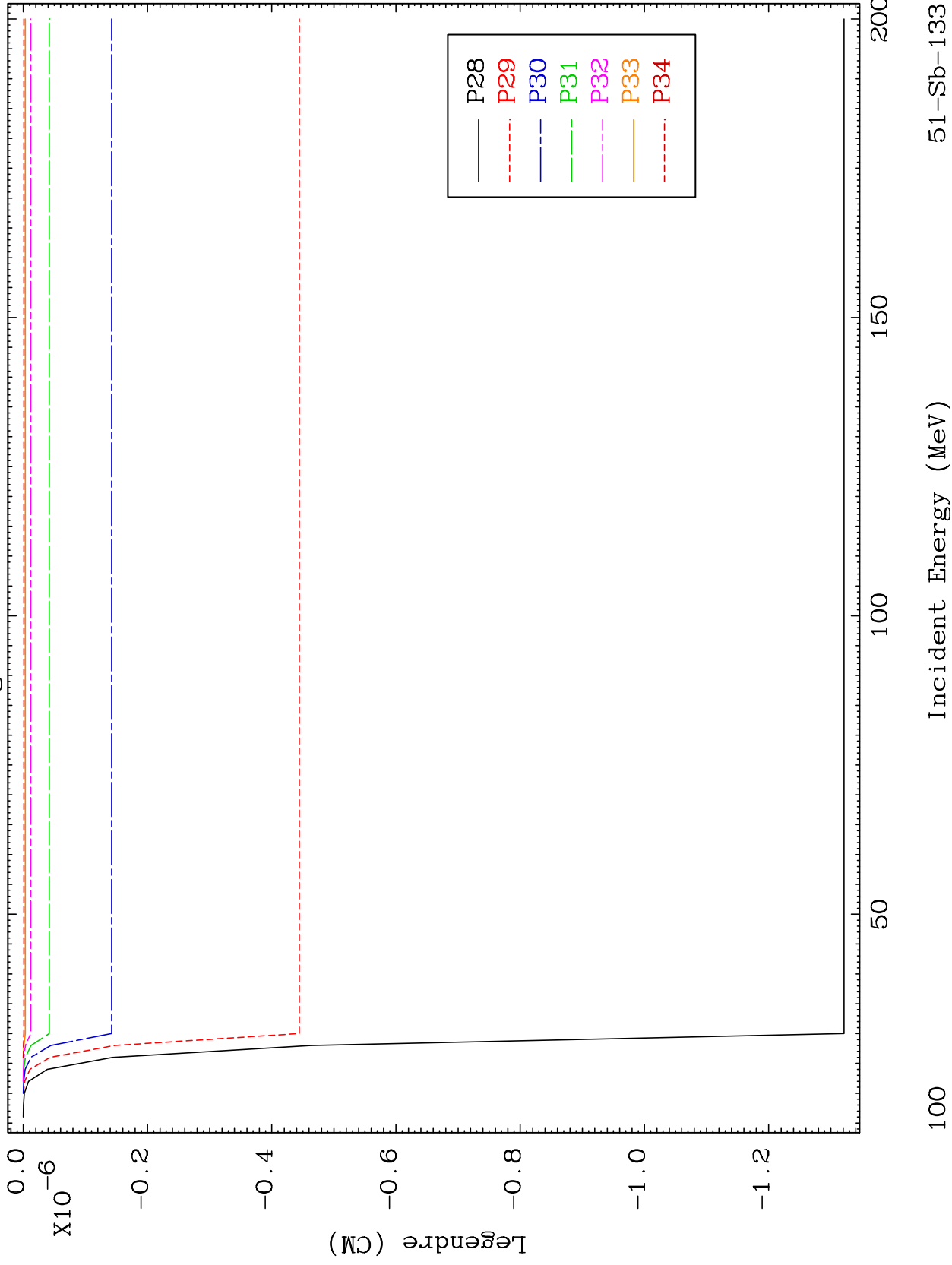


MAT 5161

MT= 71 (n,n') Level

51-Sb-133

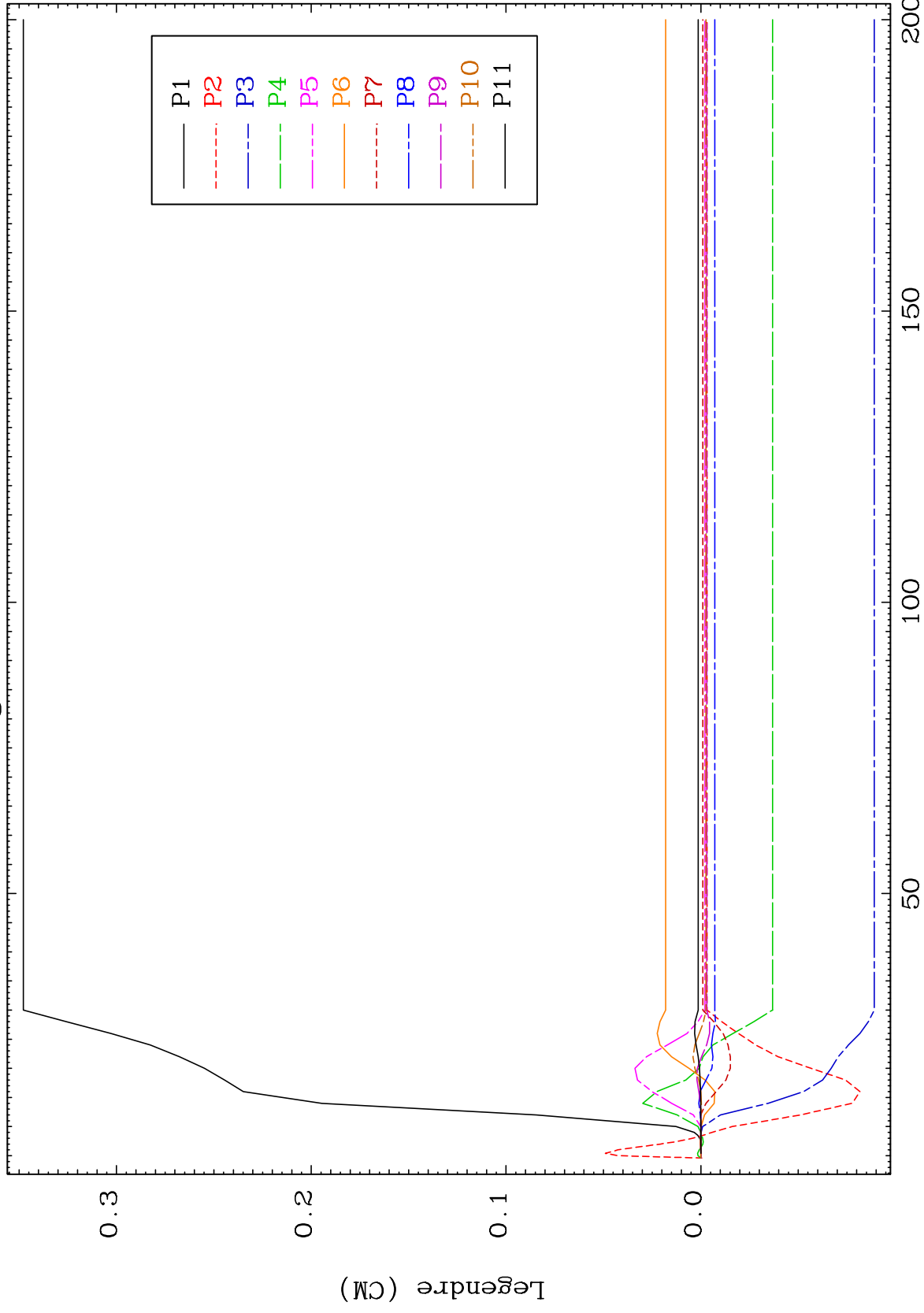
Legendre Coefficients



MAT 5161

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

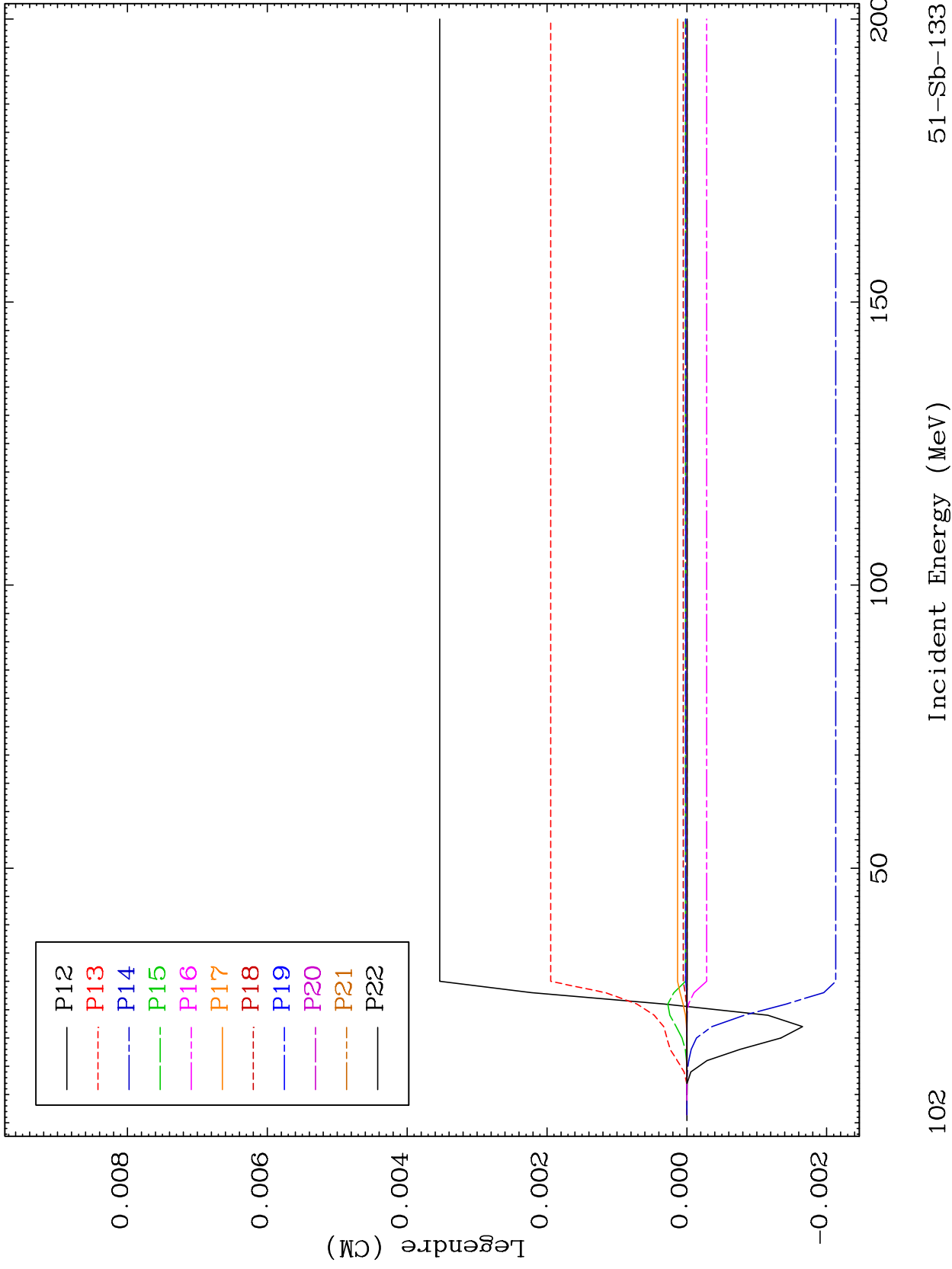
51-Sb-133



101

Incident Energy (MeV)

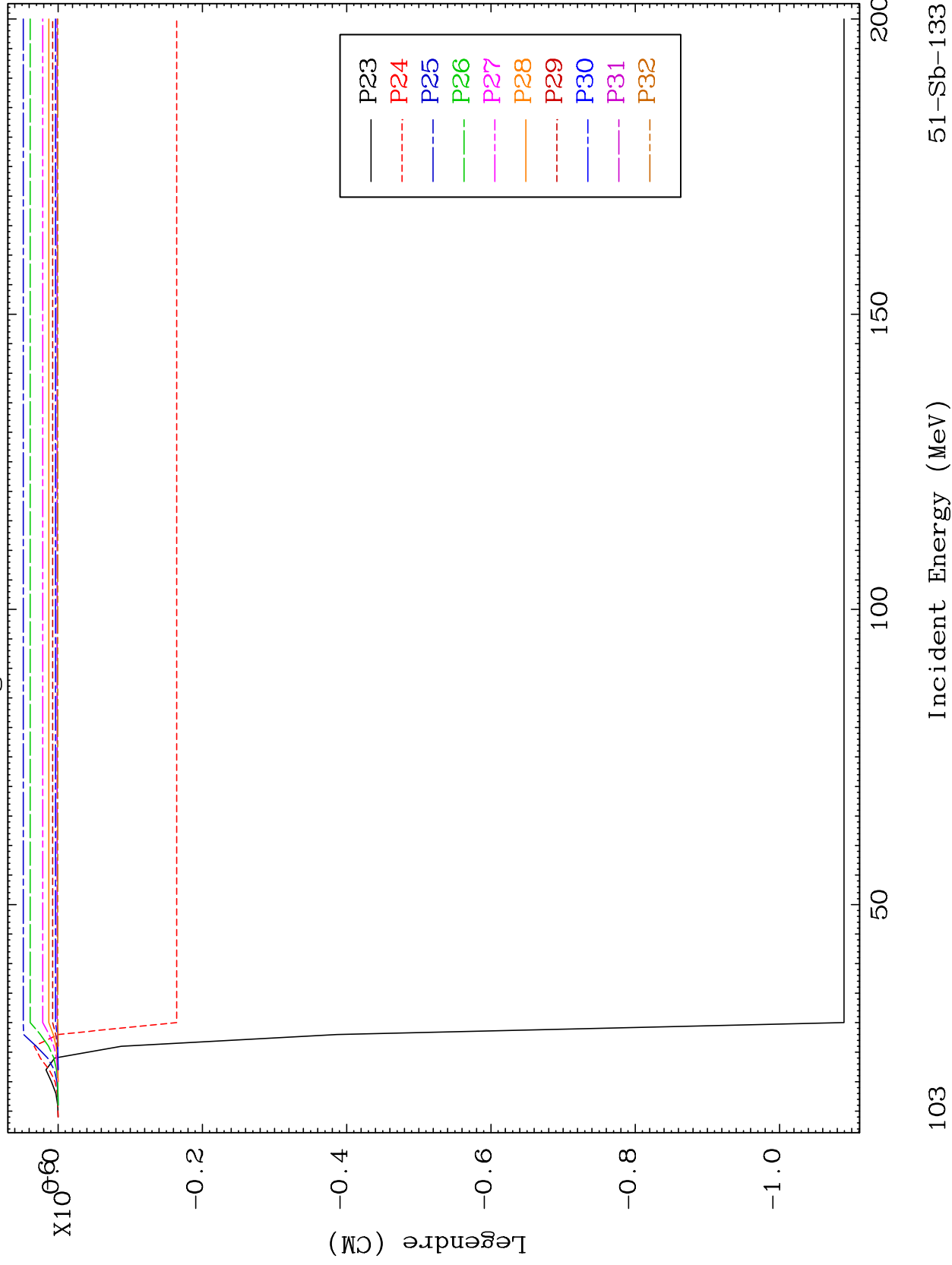
51-Sb-133



MAT 5161

51-Sb-133

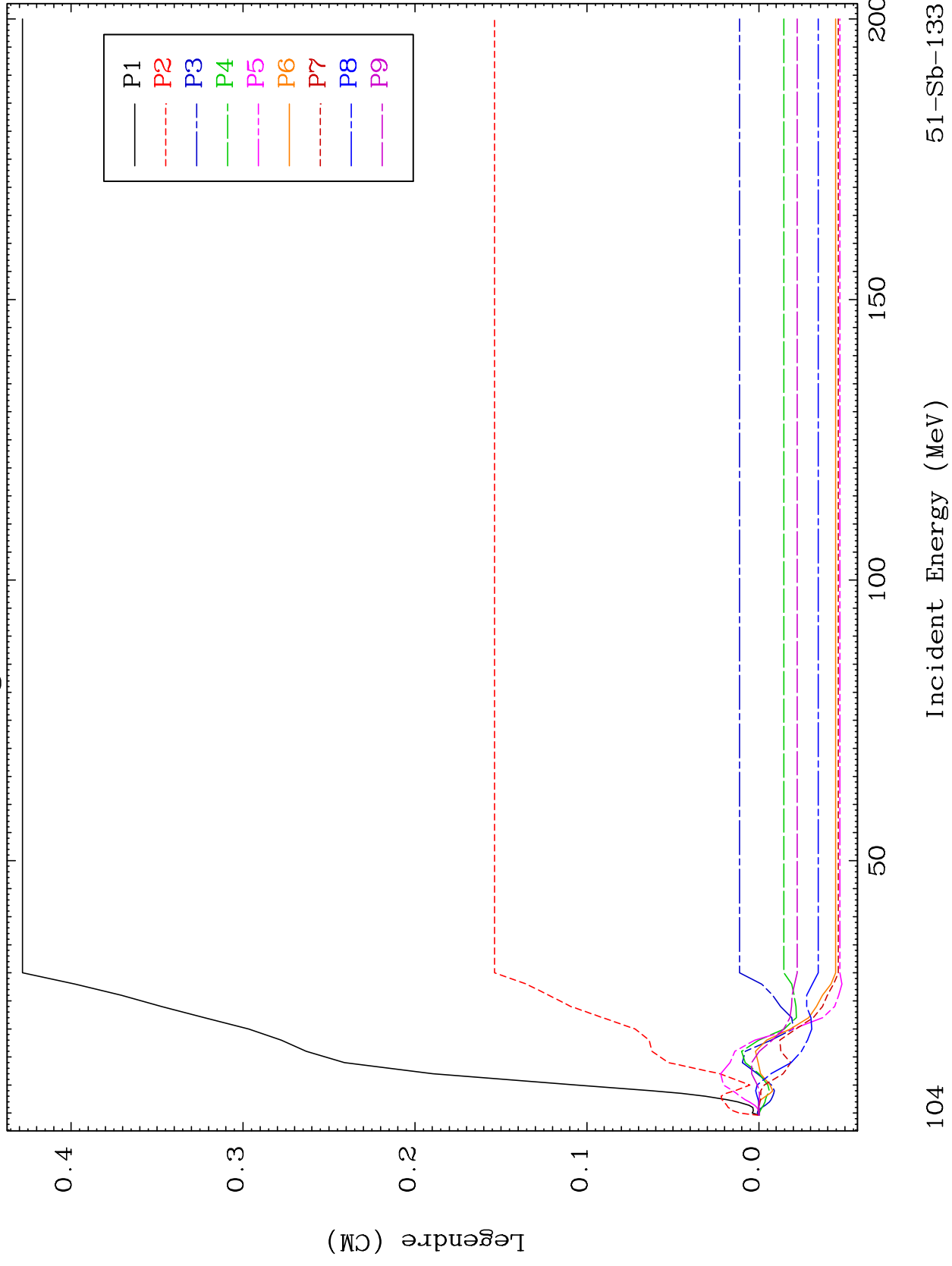
MT= 72 (n,n') Level  
Legendre Coefficients



103

51-Sb-133

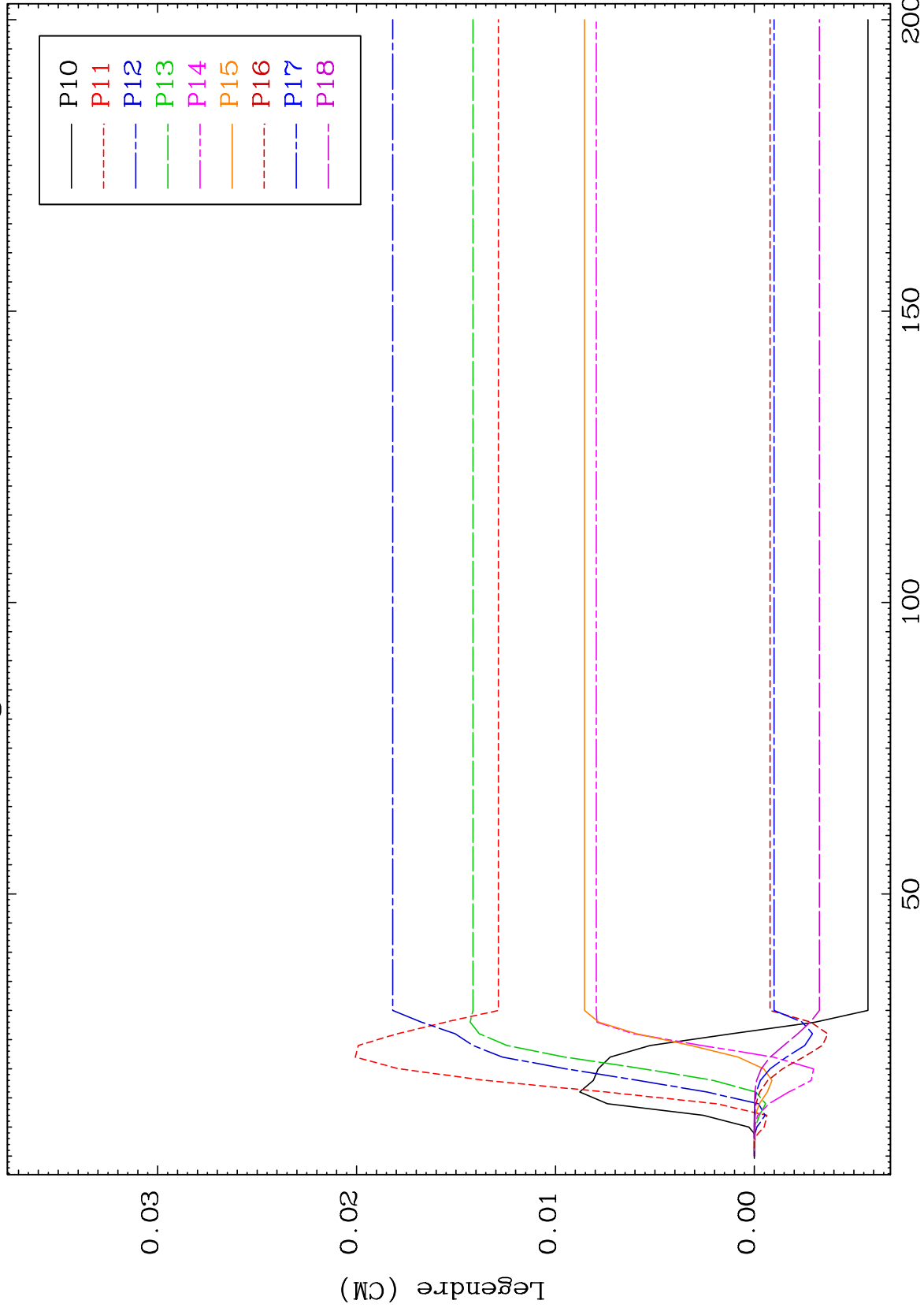




MAT 5161

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

51-Sb-133



105

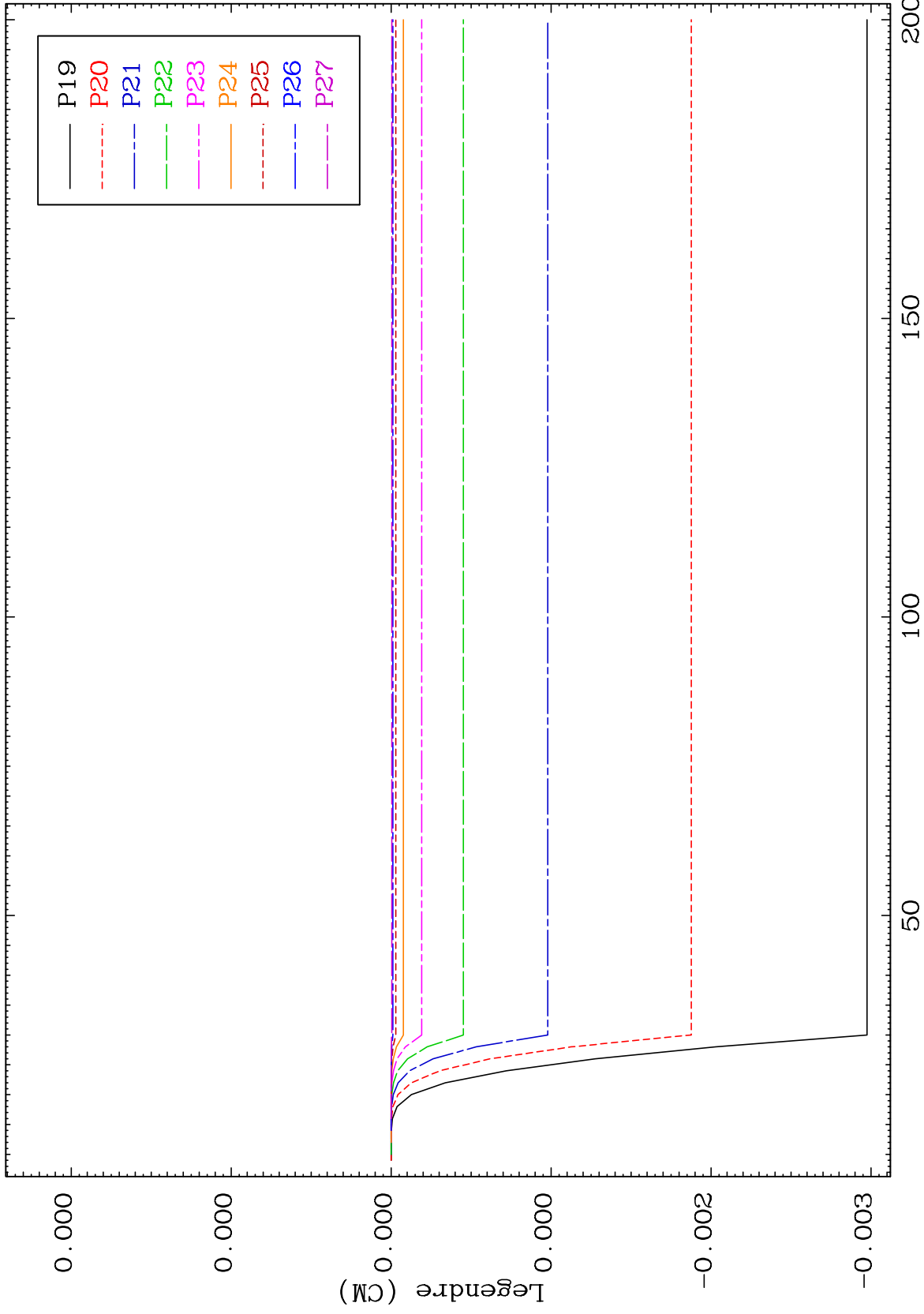
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



106

Incident Energy (MeV)

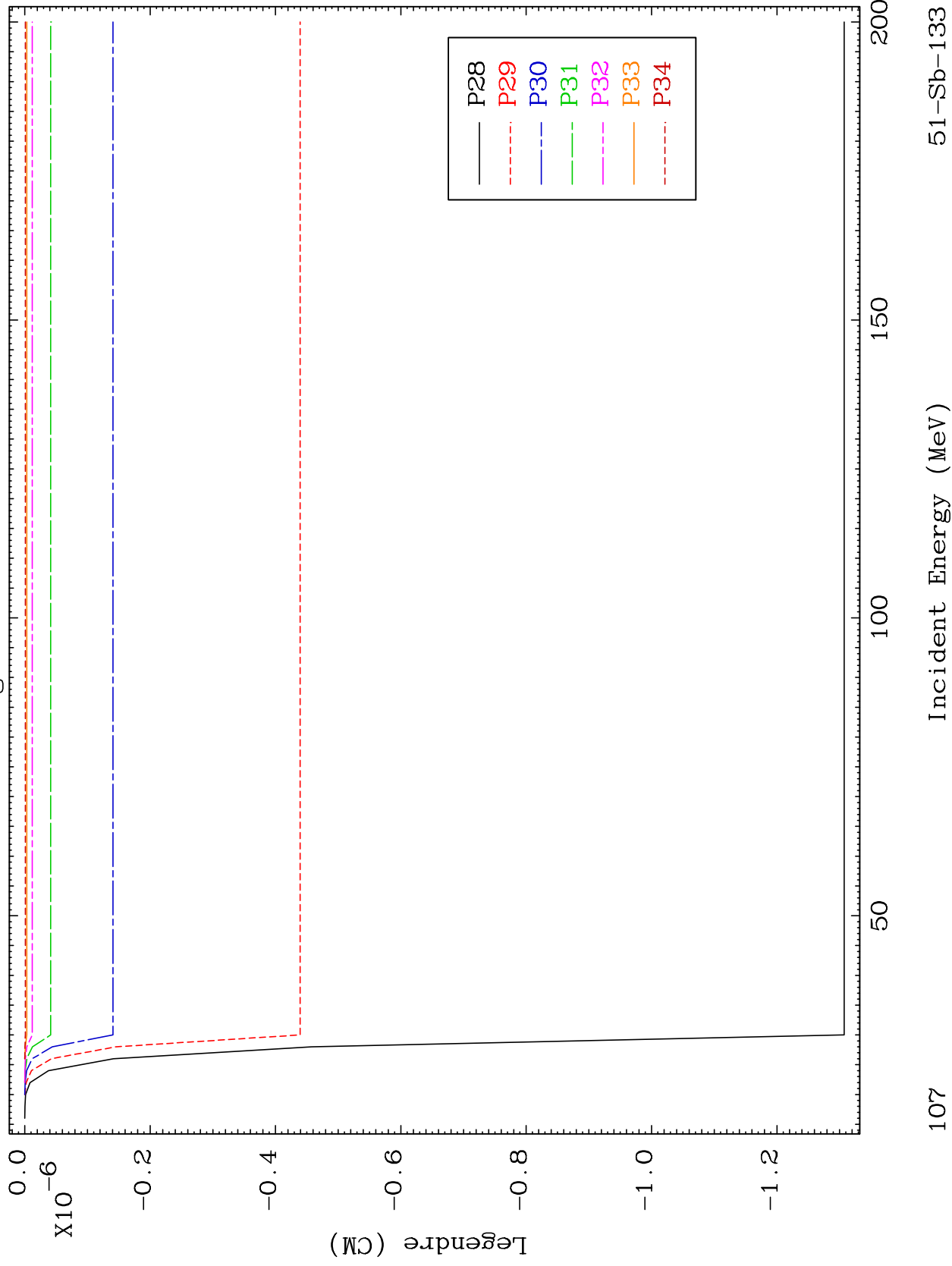
51-Sb-133

MAT 5161

MT= 73 (n,n') Level

51-Sb-133

Legendre Coefficients



107

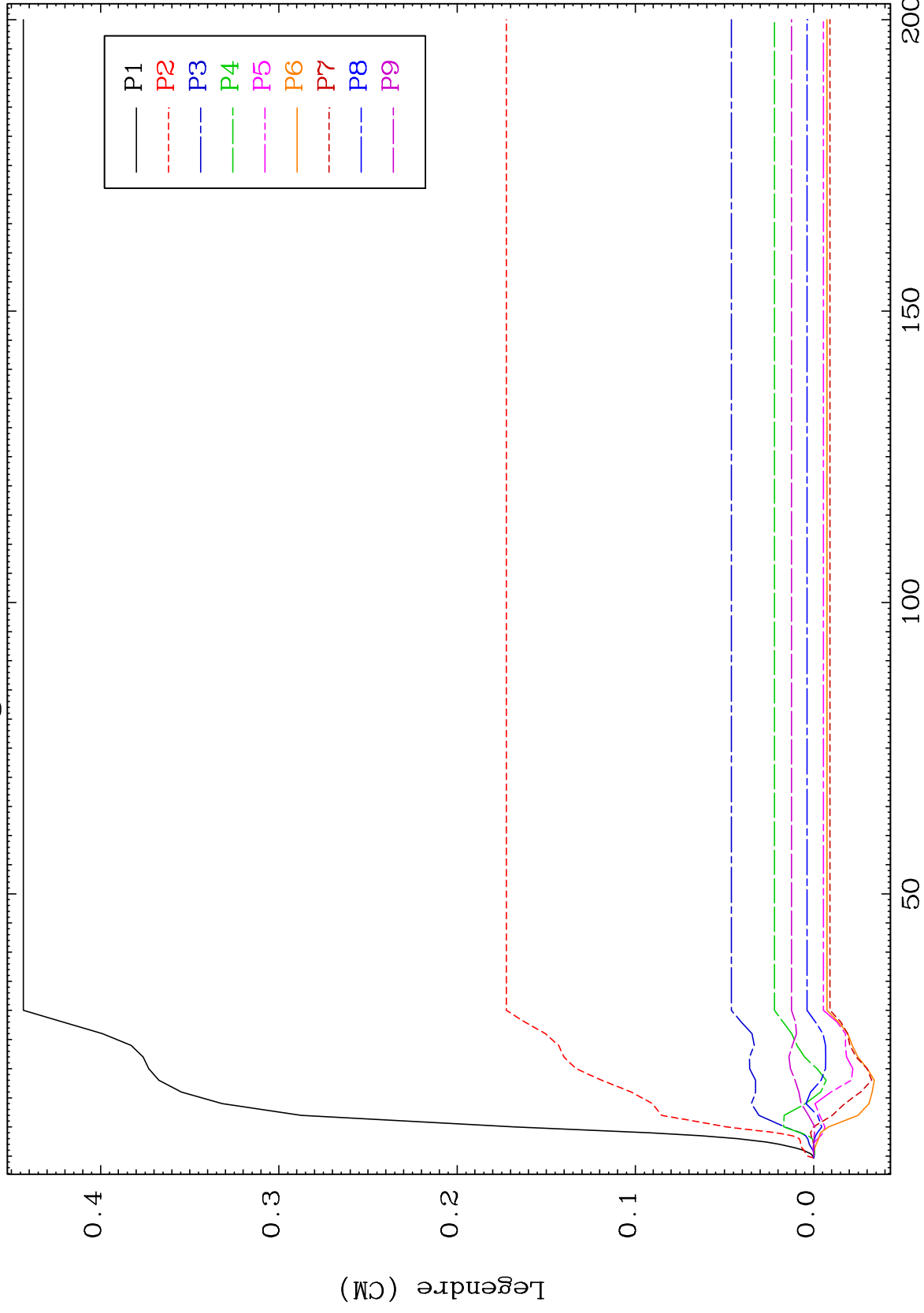
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

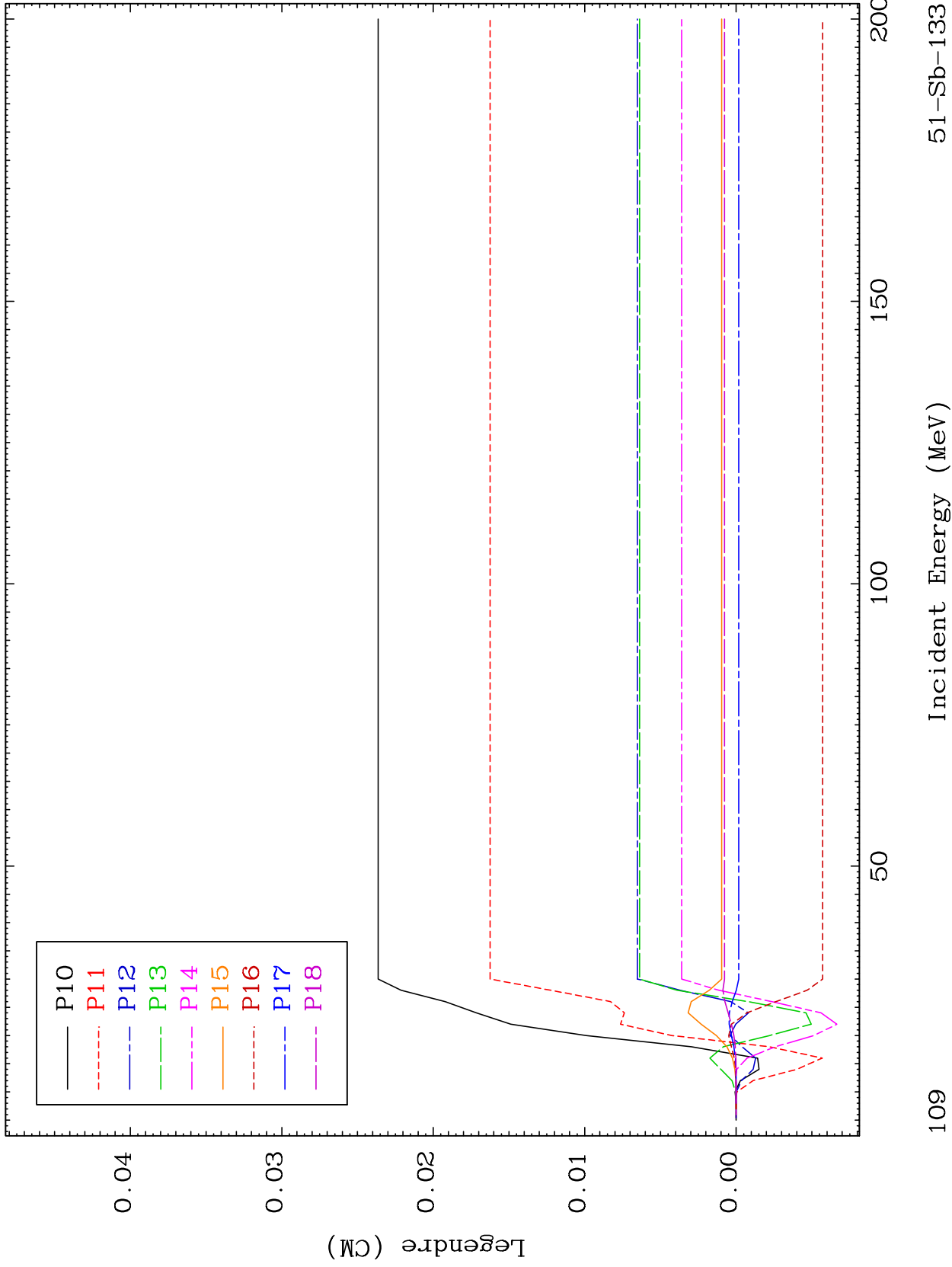
51-Sb-133



51-Sb-133

Incident Energy (MeV)

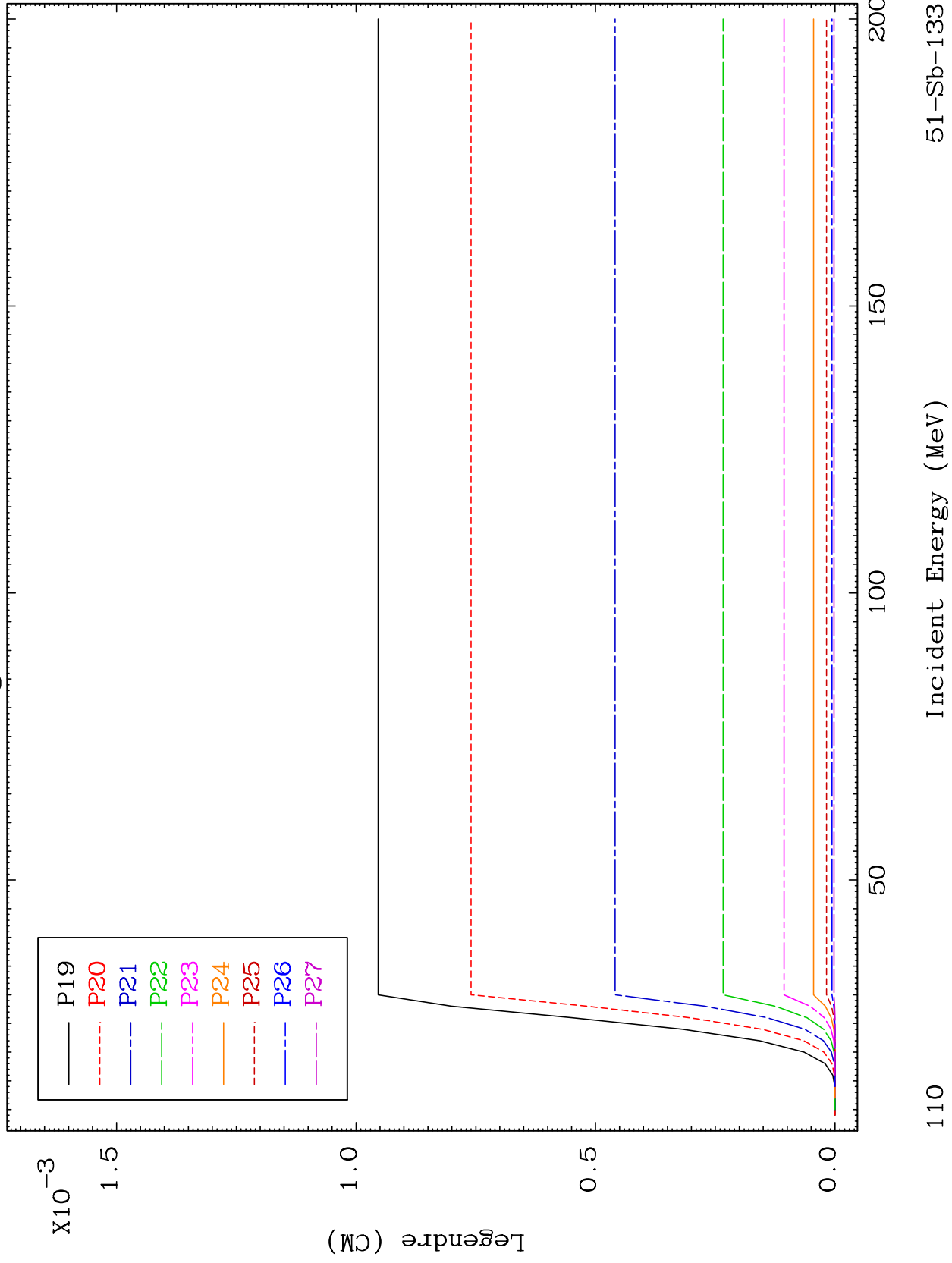
108



MAT 5161

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

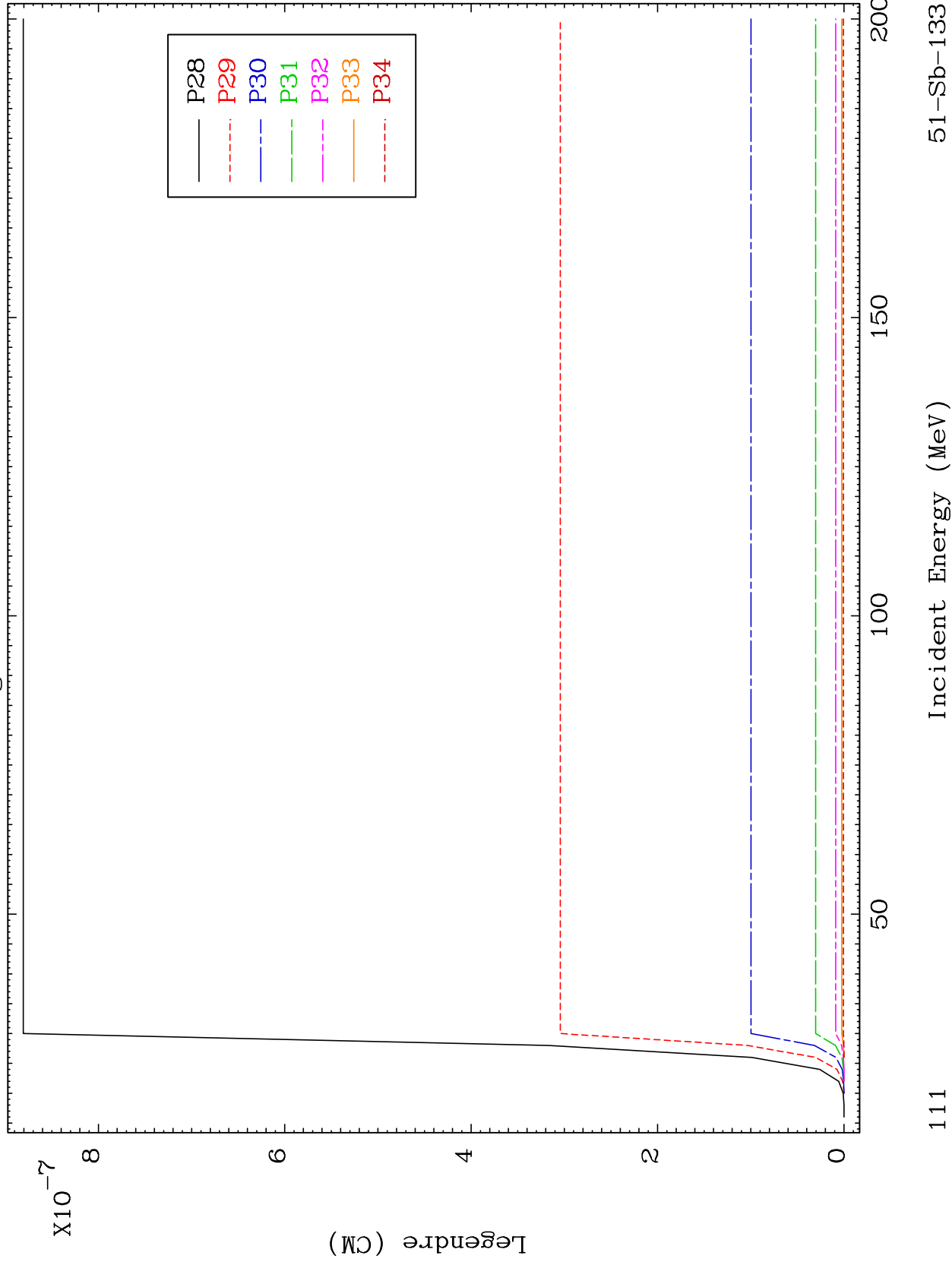
51-Sb-133



MAT 5161

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

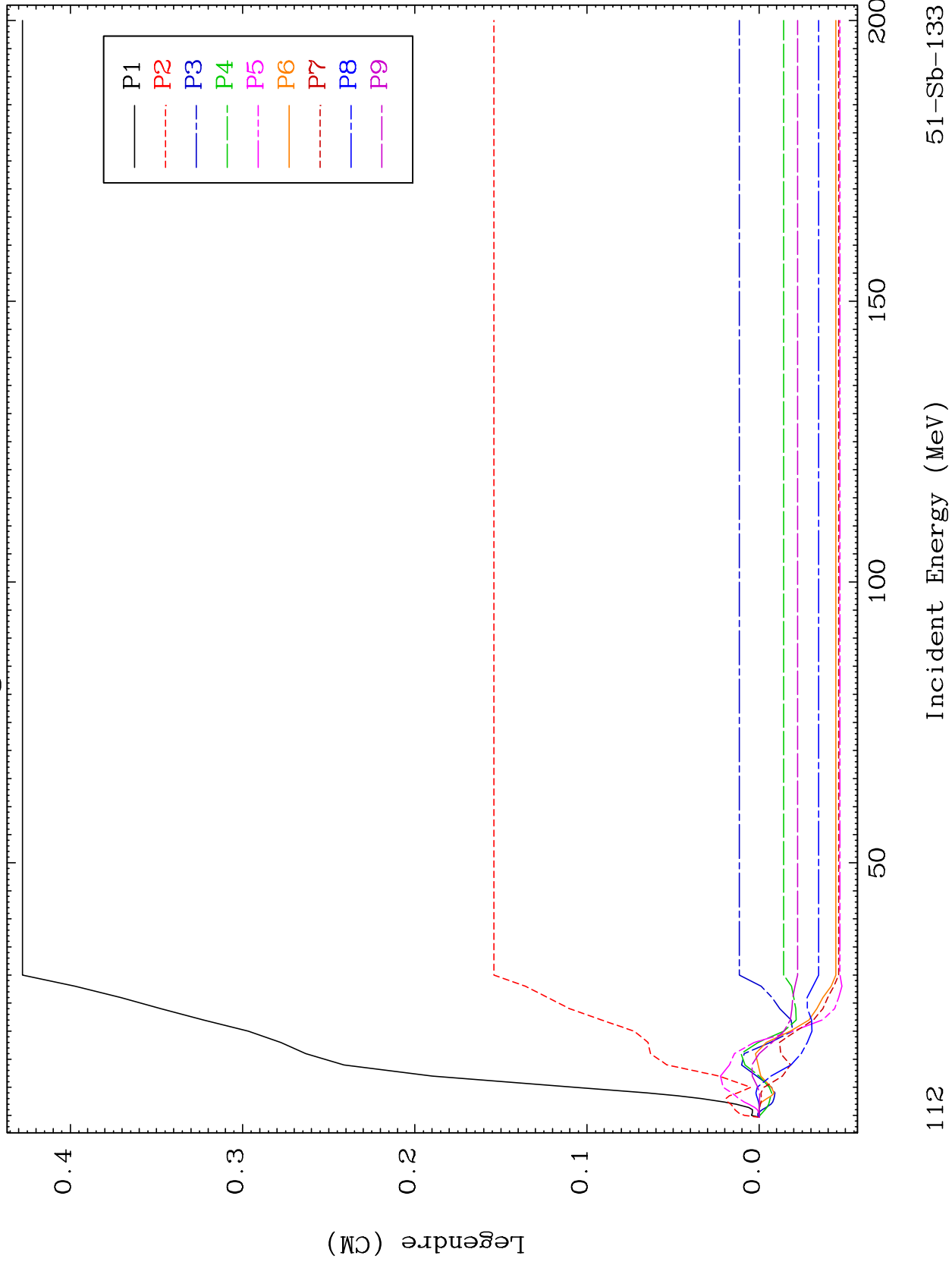
51-Sb-133



111

51-Sb-133

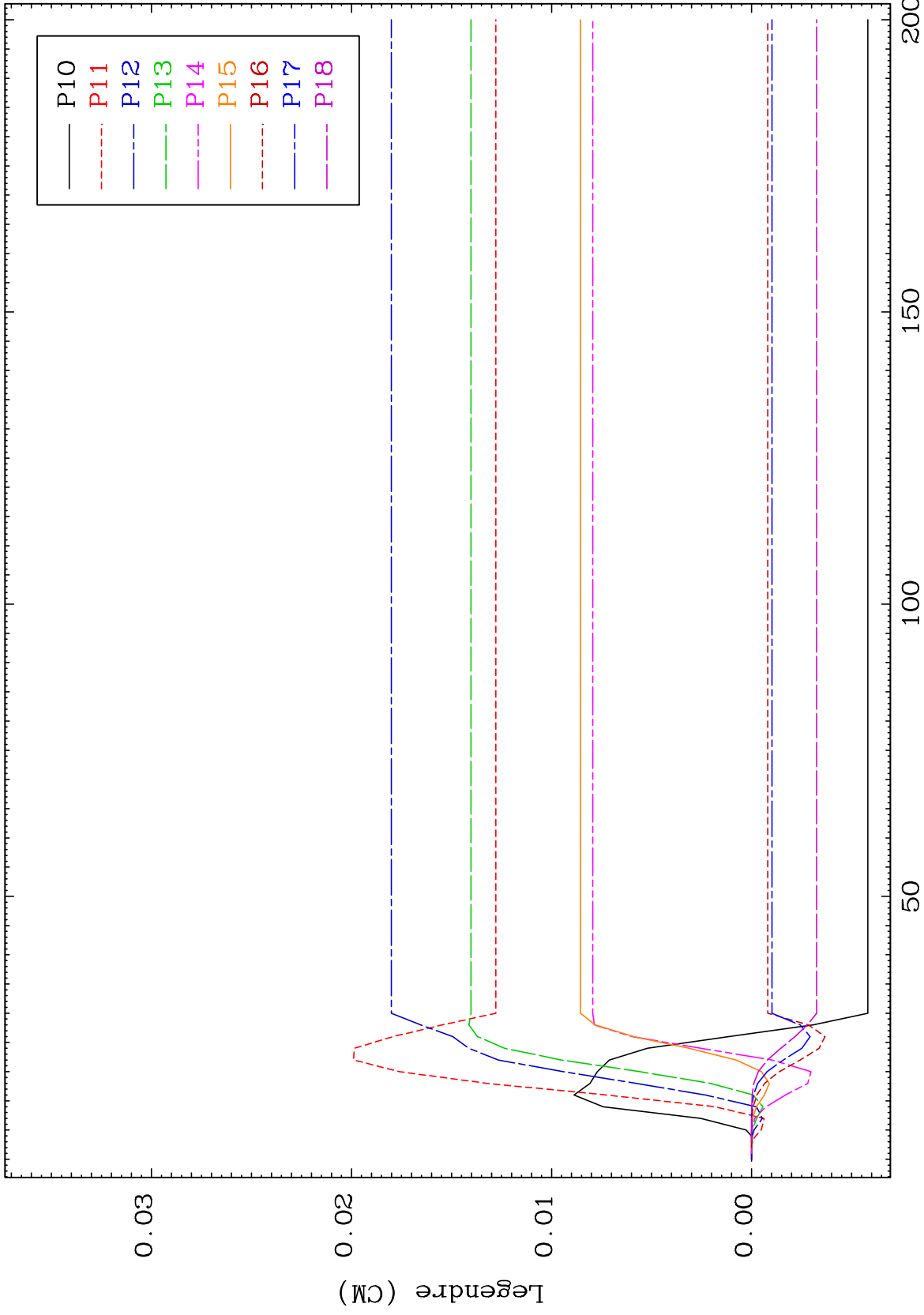




MAT 5161

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

51-Sb-133



113

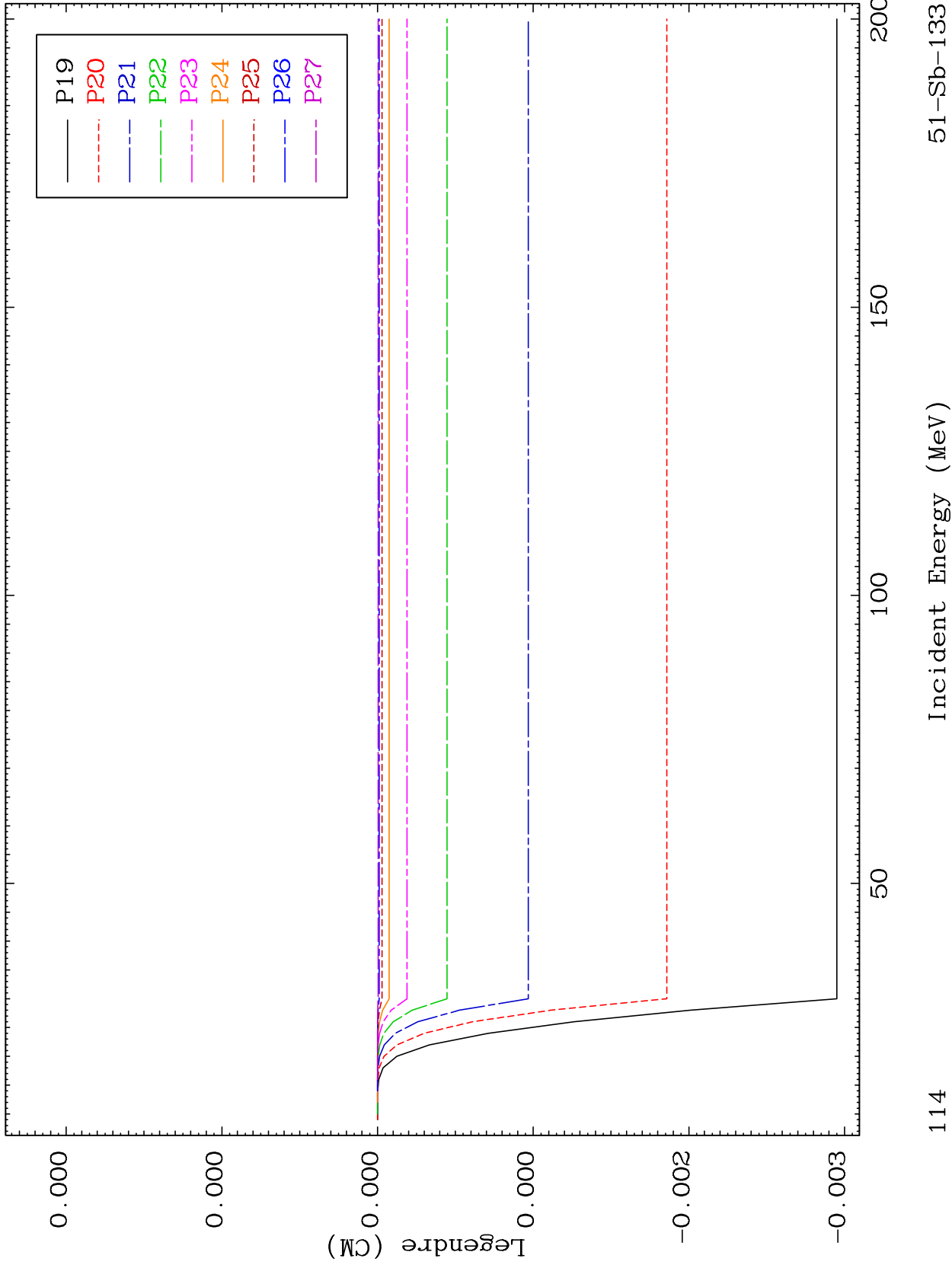
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



114

Incident Energy (MeV)

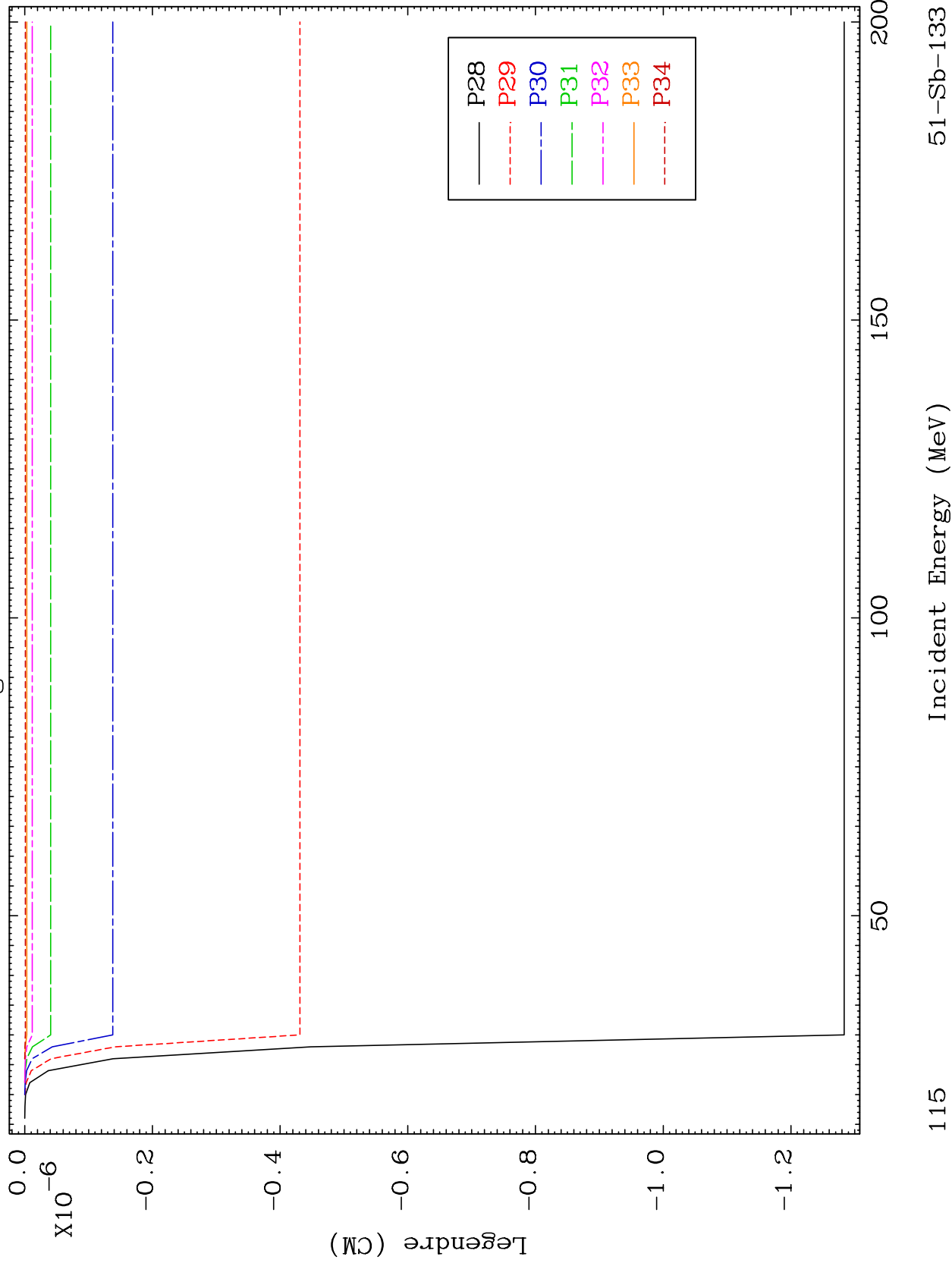
51-Sb-133

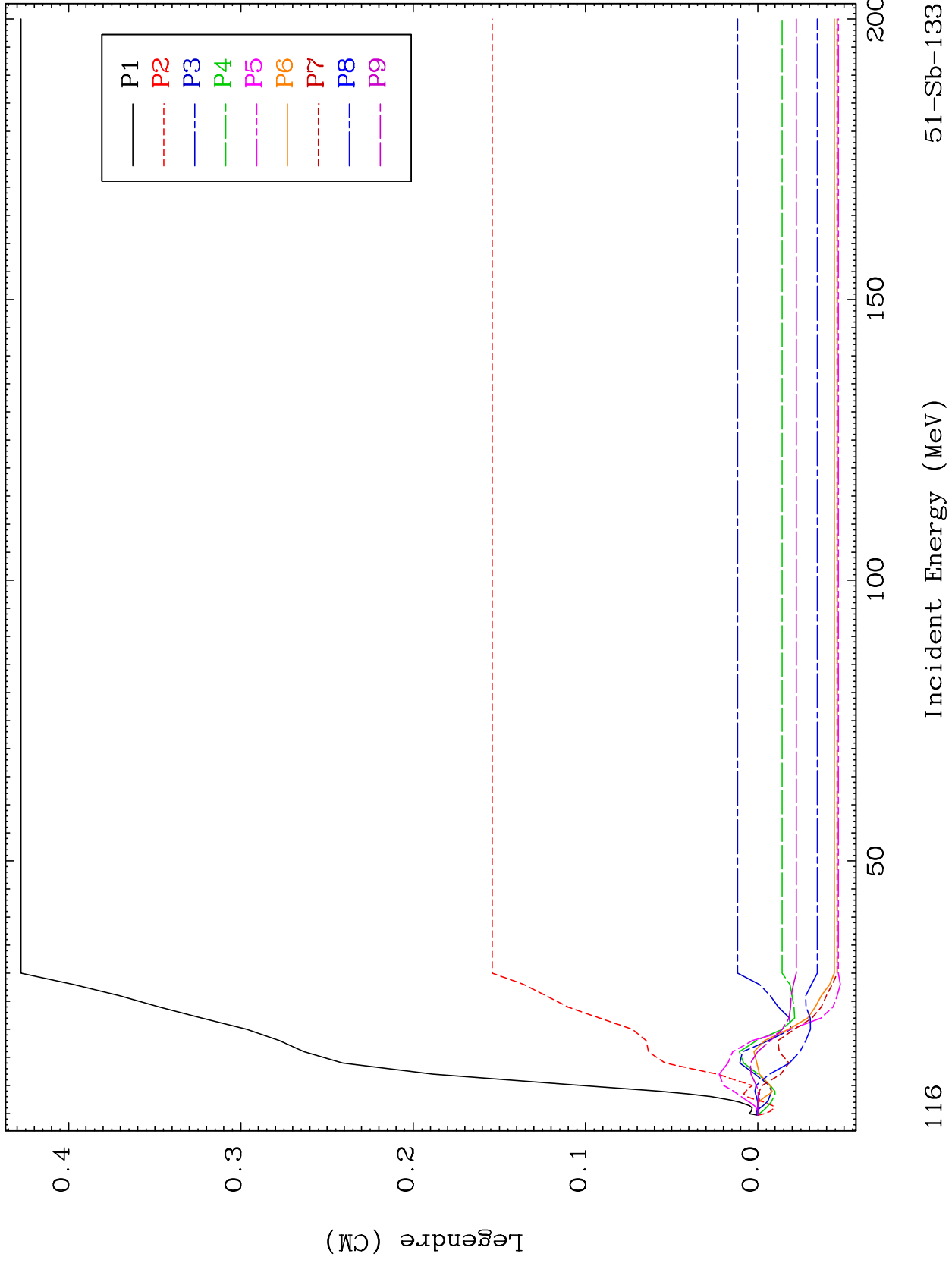
MAT 5161

MT= 75 (n,n') Level

51-Sb-133

Legendre Coefficients

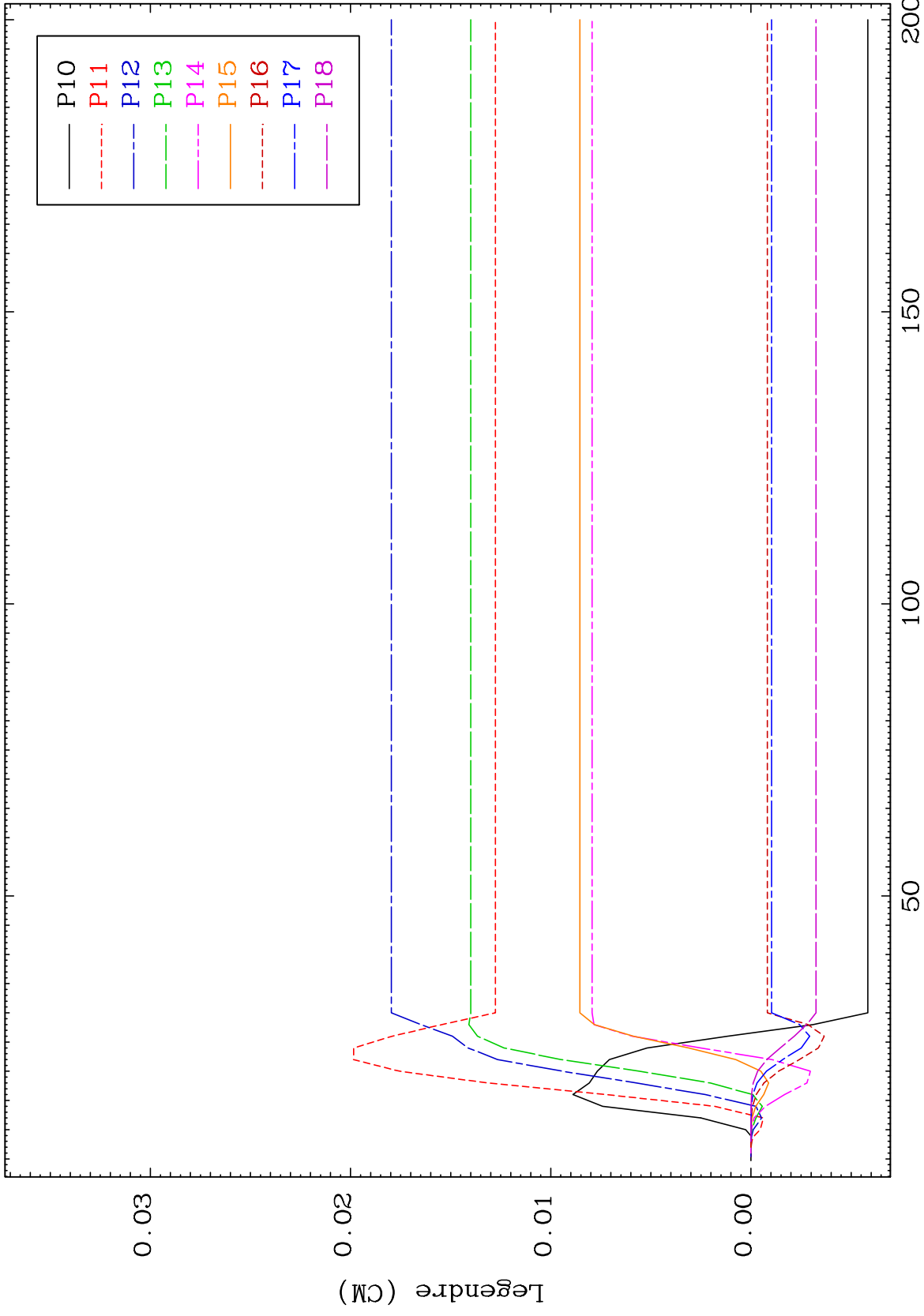




MAT 5161

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

51-Sb-133



117

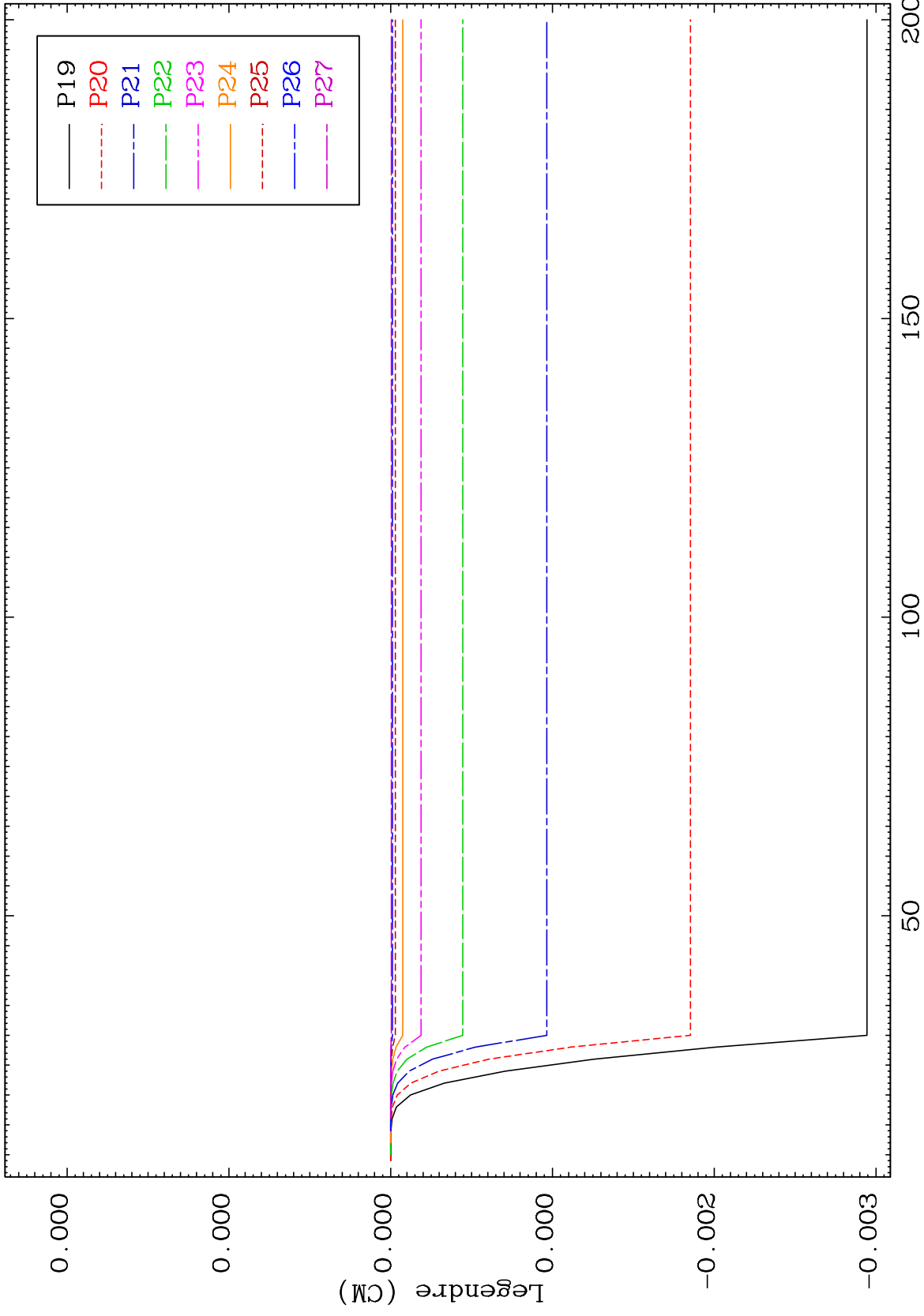
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



118

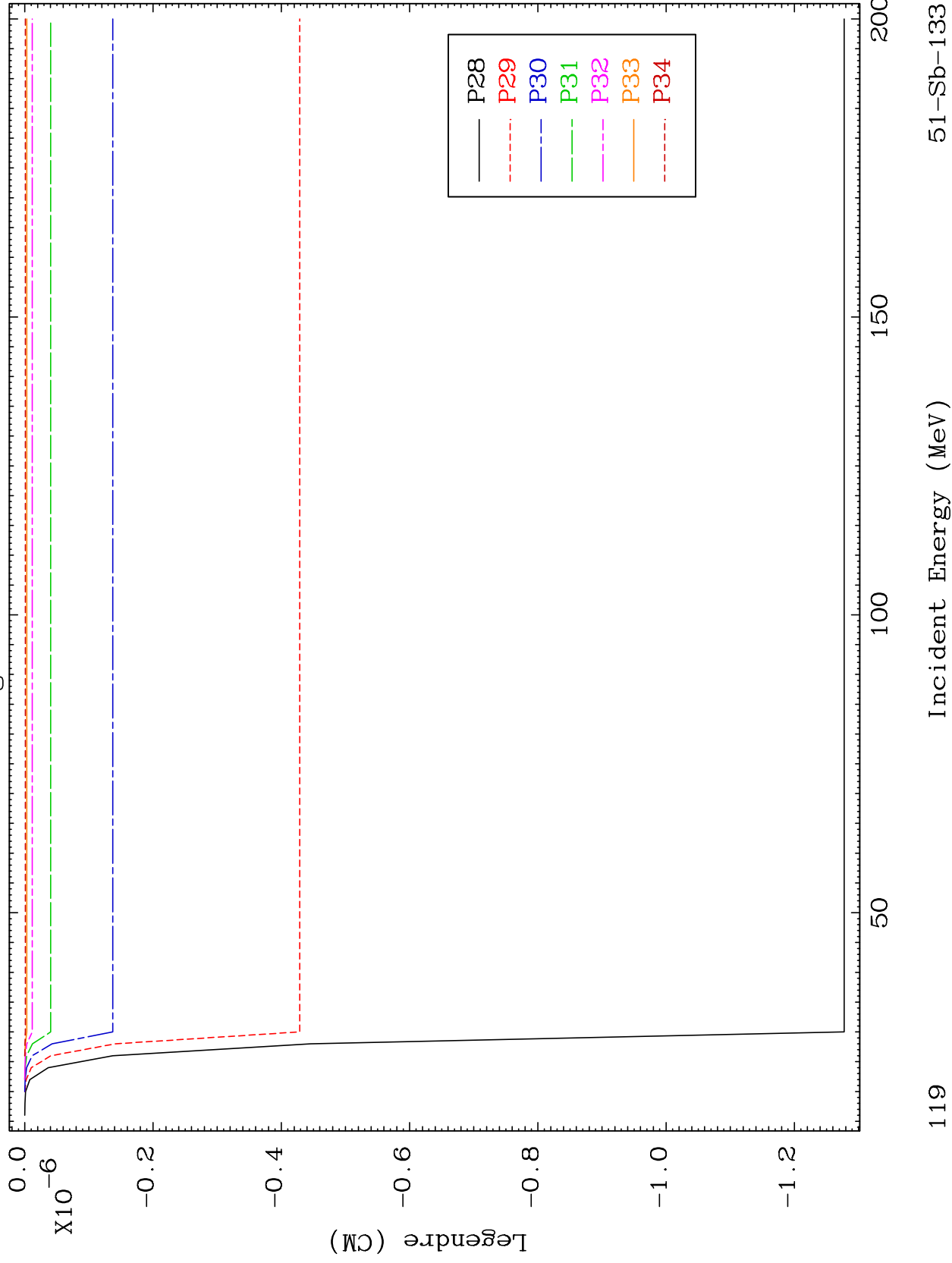
Incident Energy (MeV)

51-Sb-133

MAT 5161

51-Sb-133

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



119

Incident Energy (MeV)

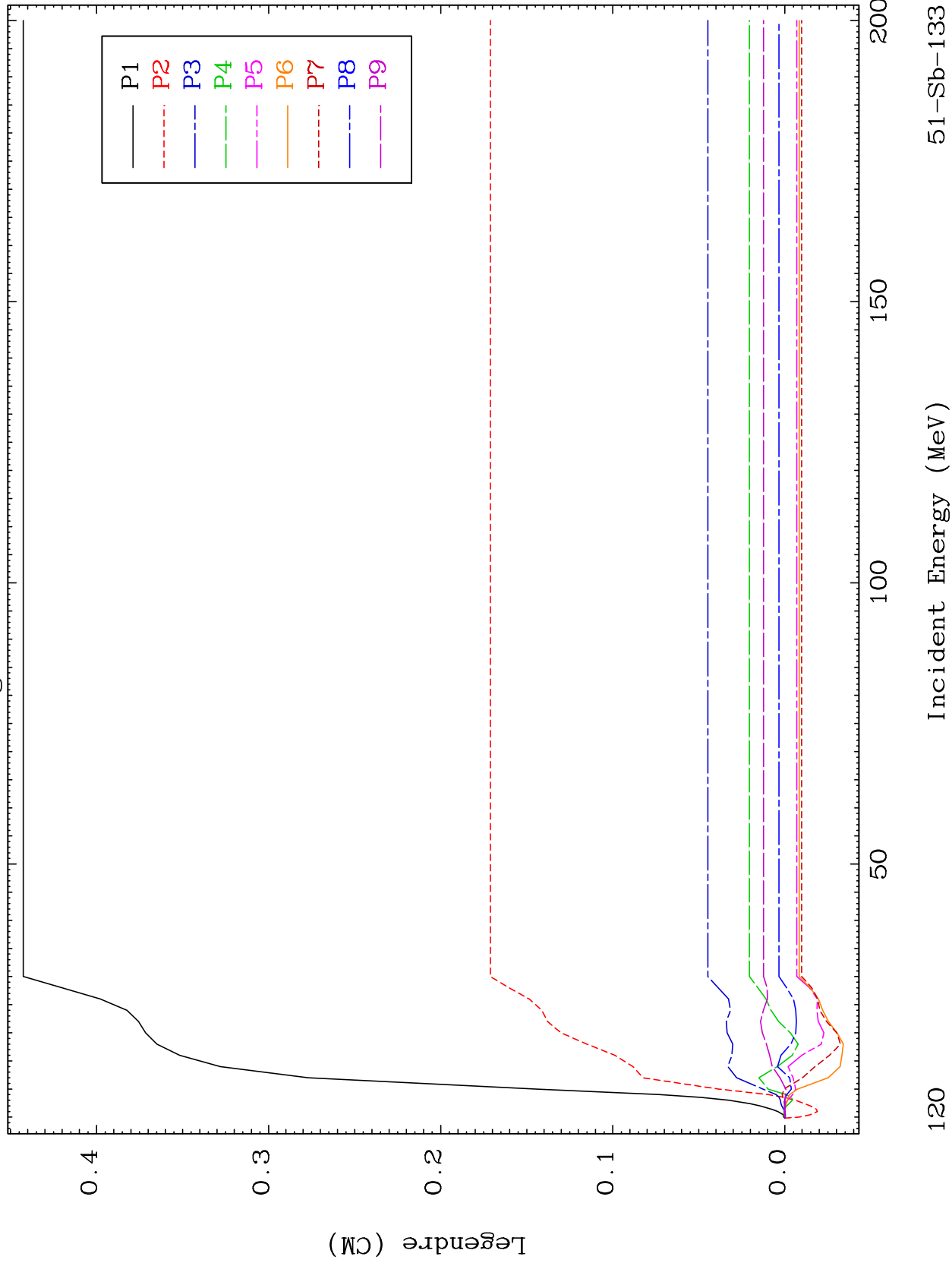
51-Sb-133



MAT 5161

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

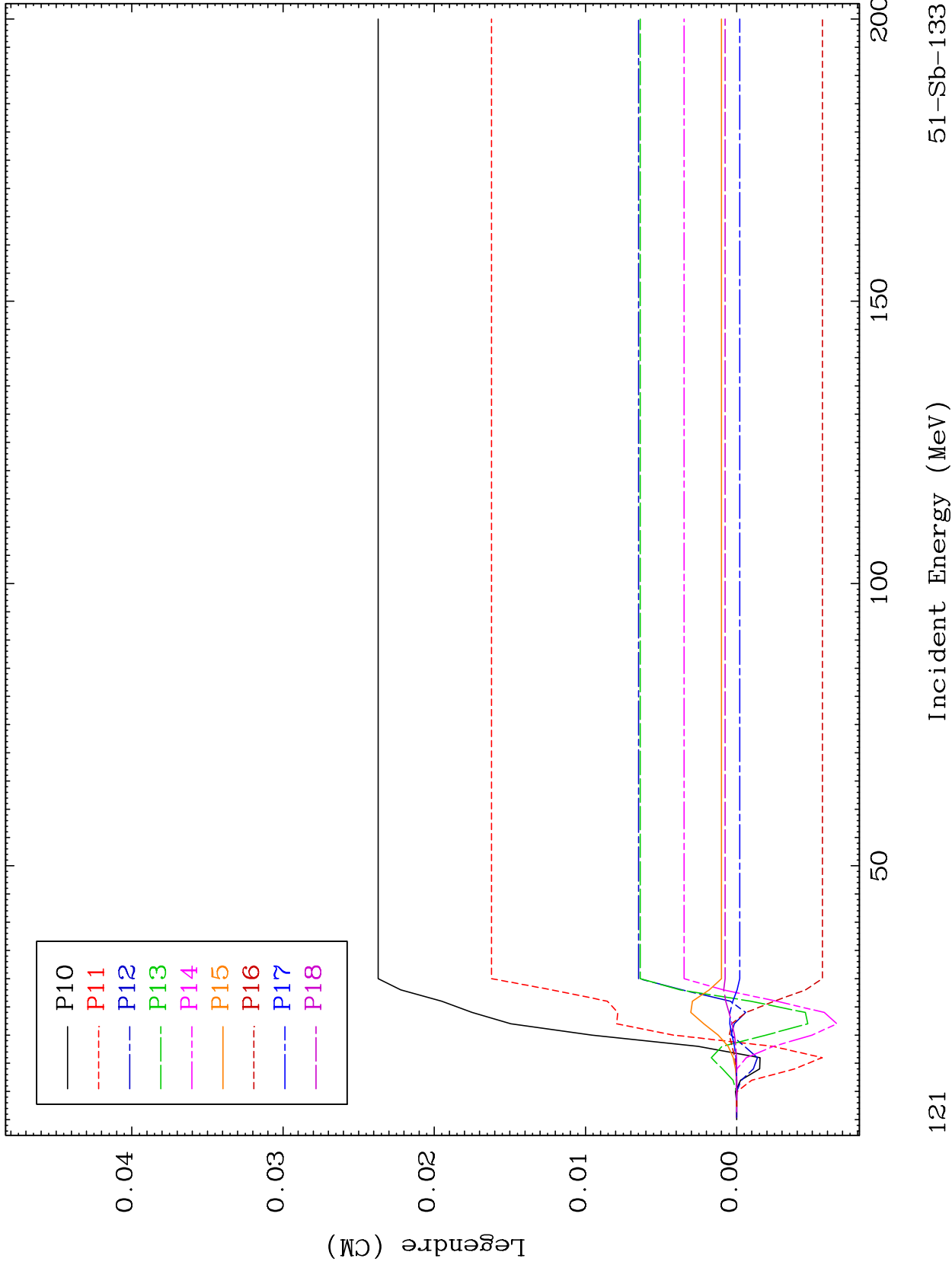
51-Sb-133

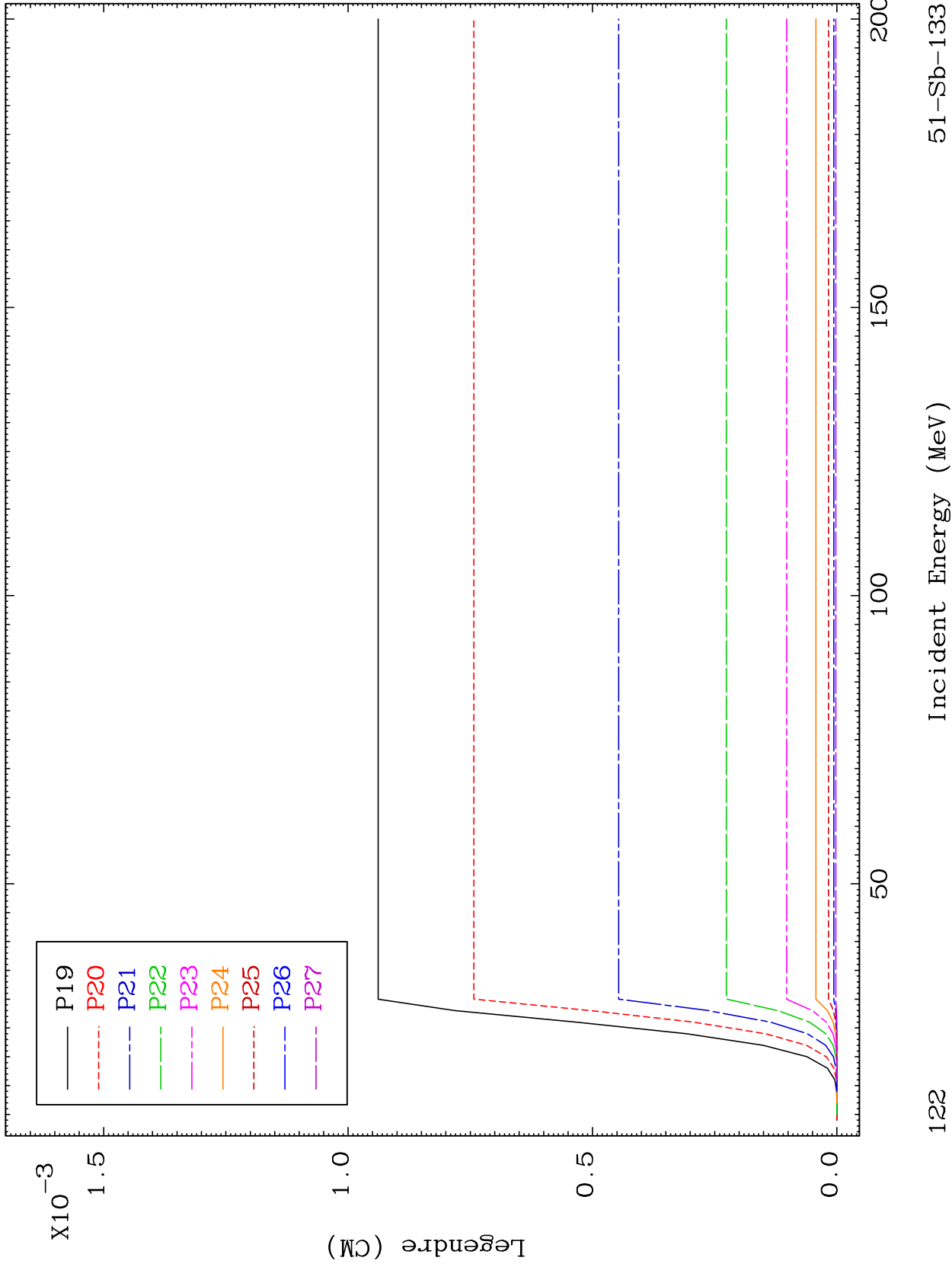


51-Sb-133

Incident Energy (MeV)

120

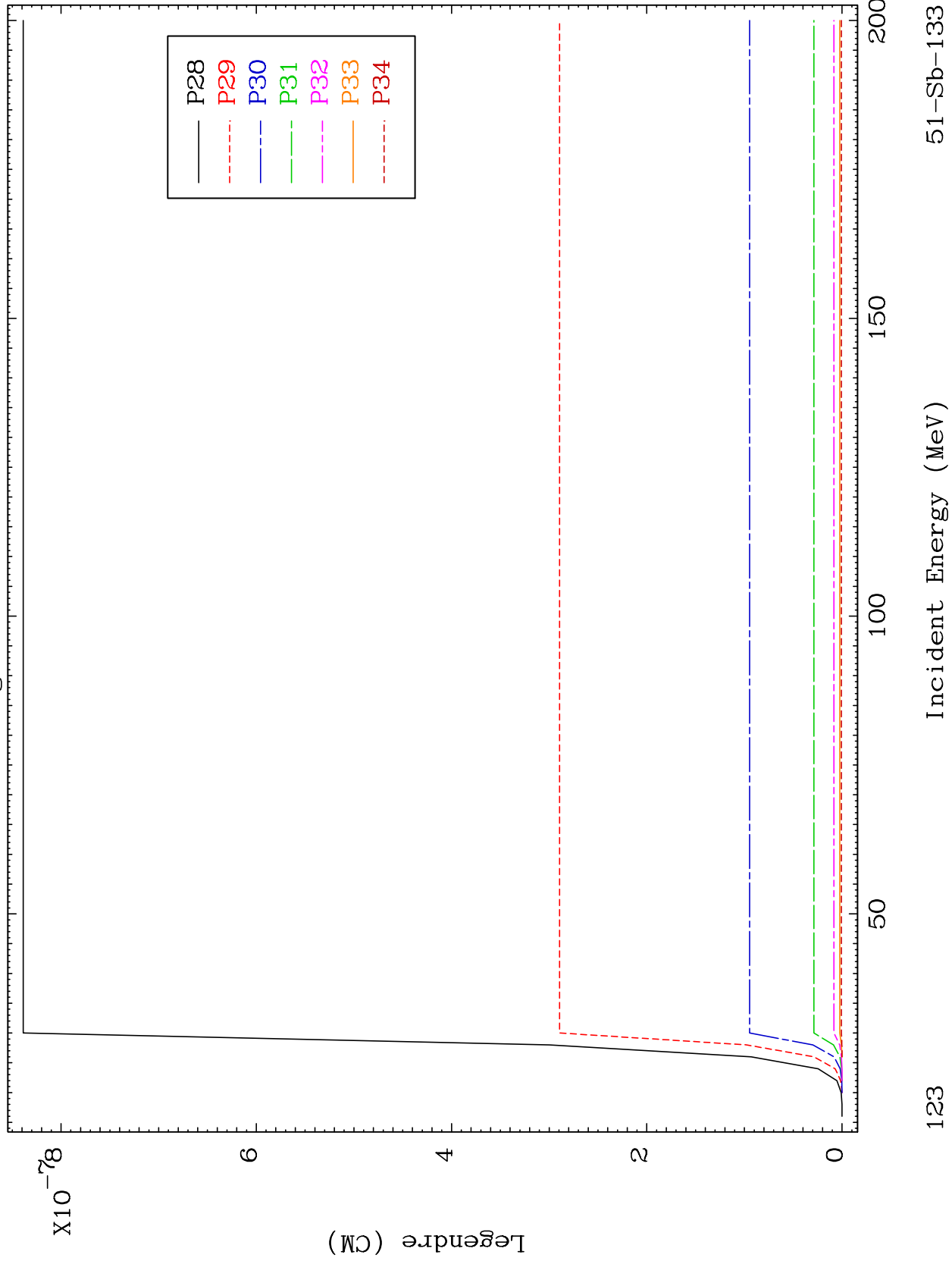




MAT 5161

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

51-Sb-133



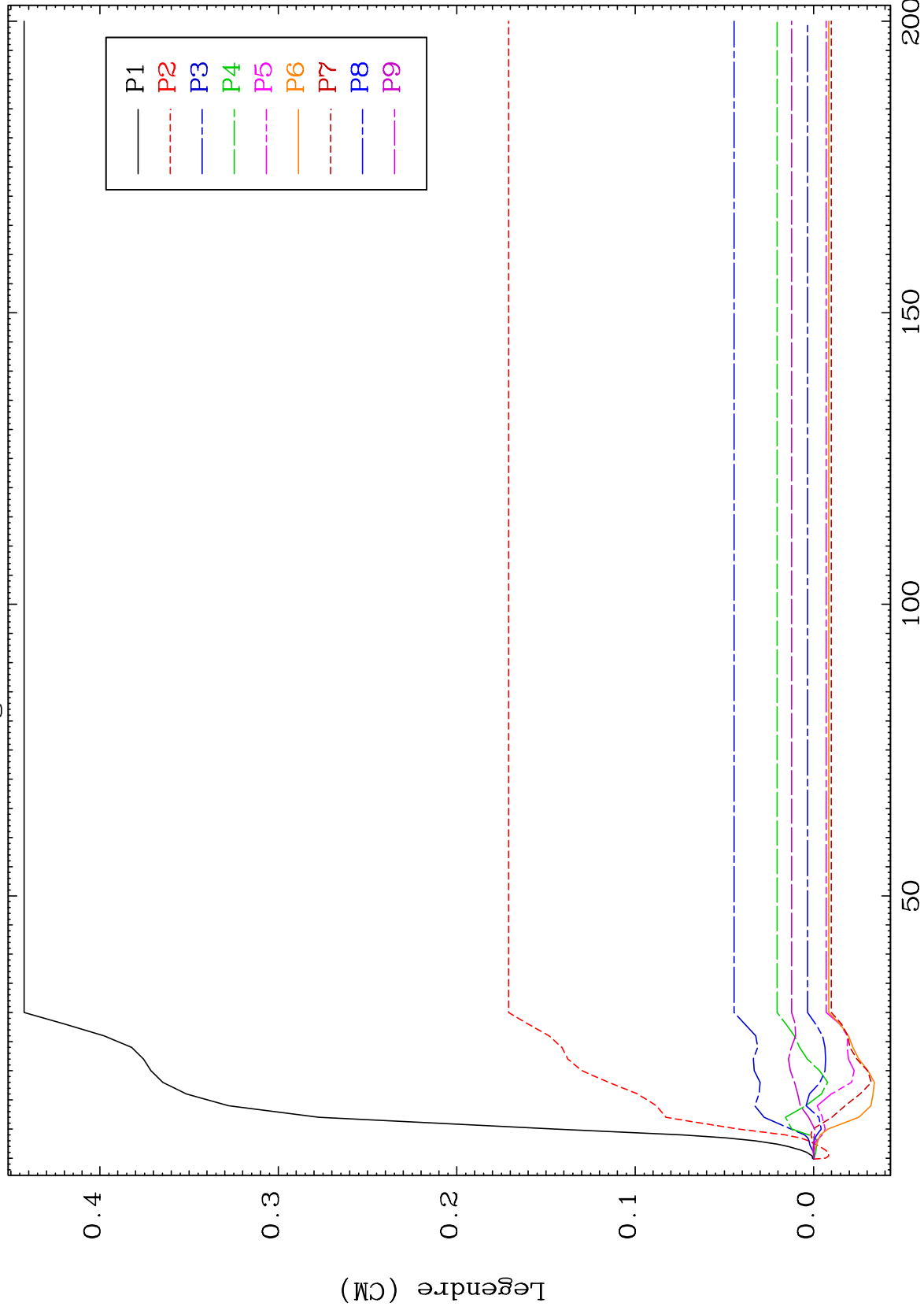
123

51-Sb-133

MAT 5161

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

51-Sb-133



124

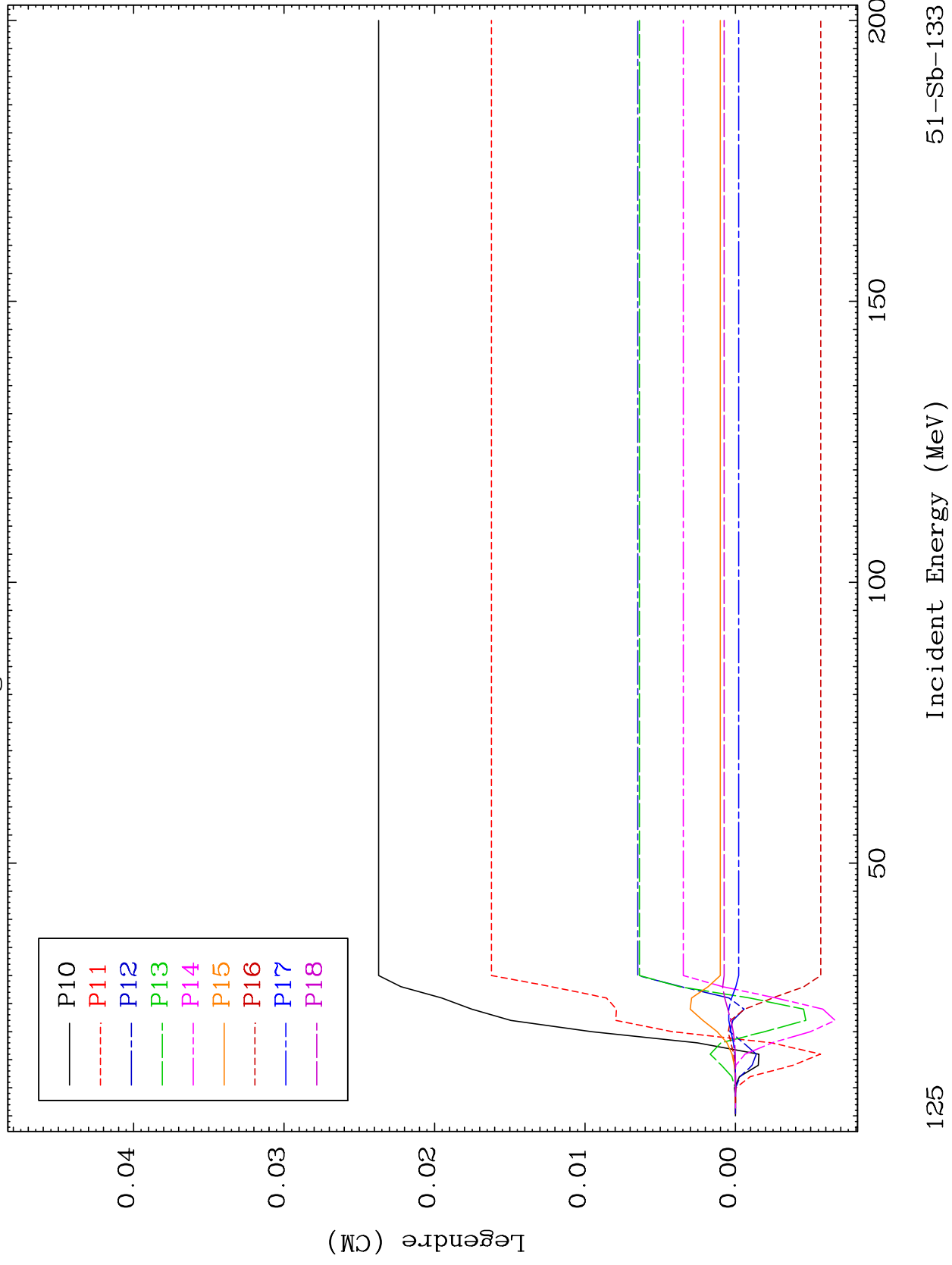
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

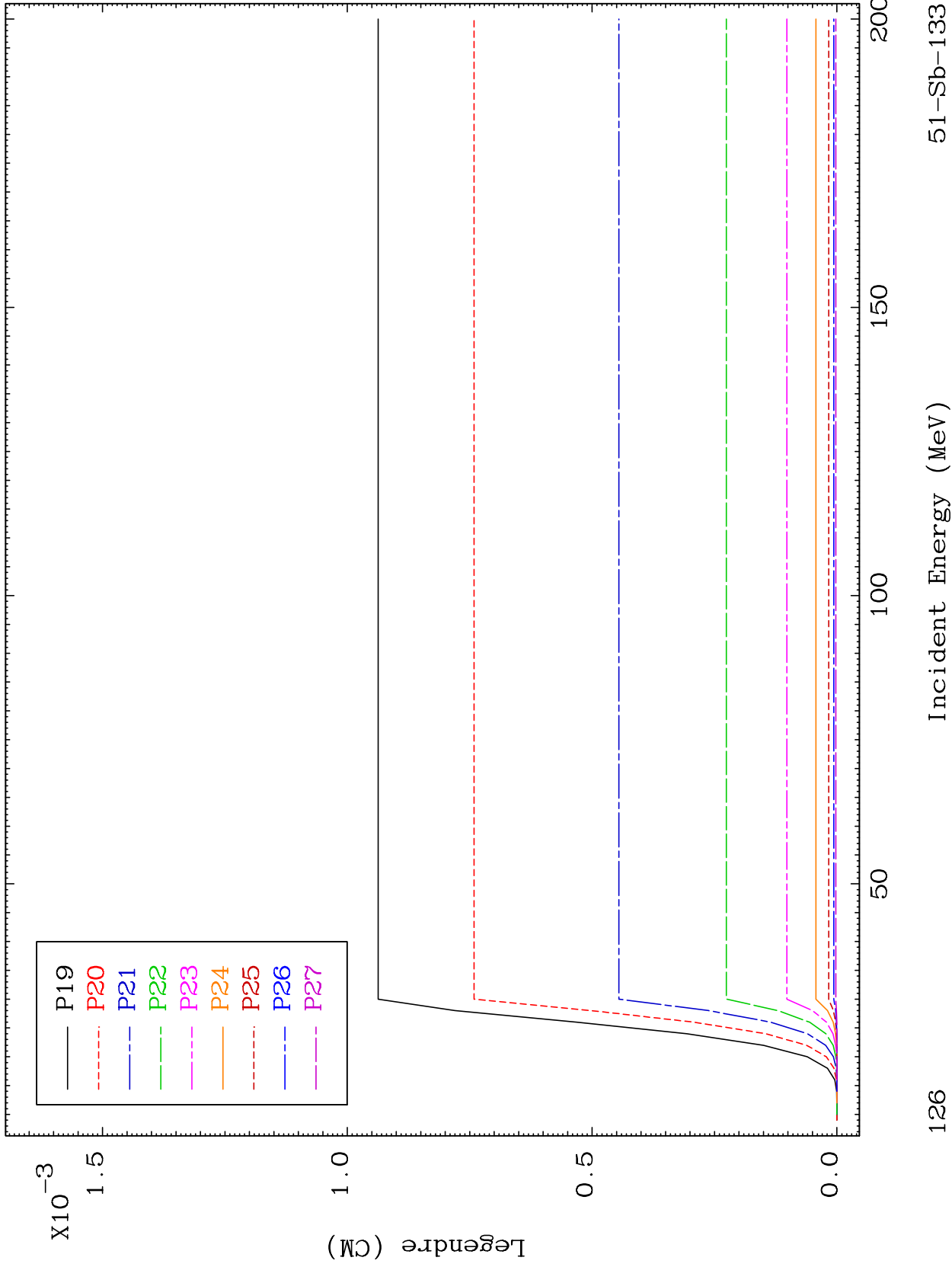
51-Sb-133



51-Sb-133

Incident Energy (MeV)

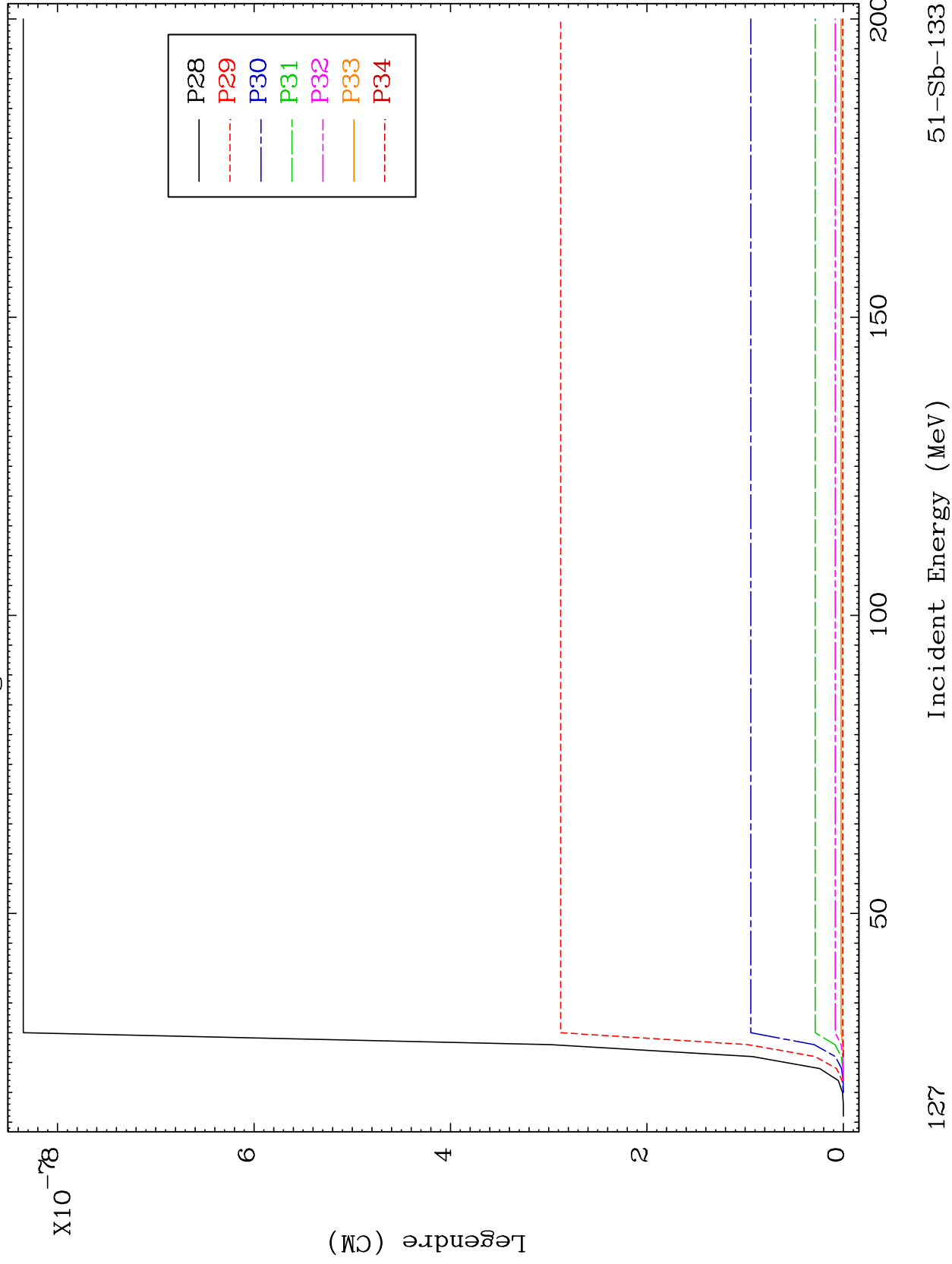
125



MAT 5161

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

51-Sb-133

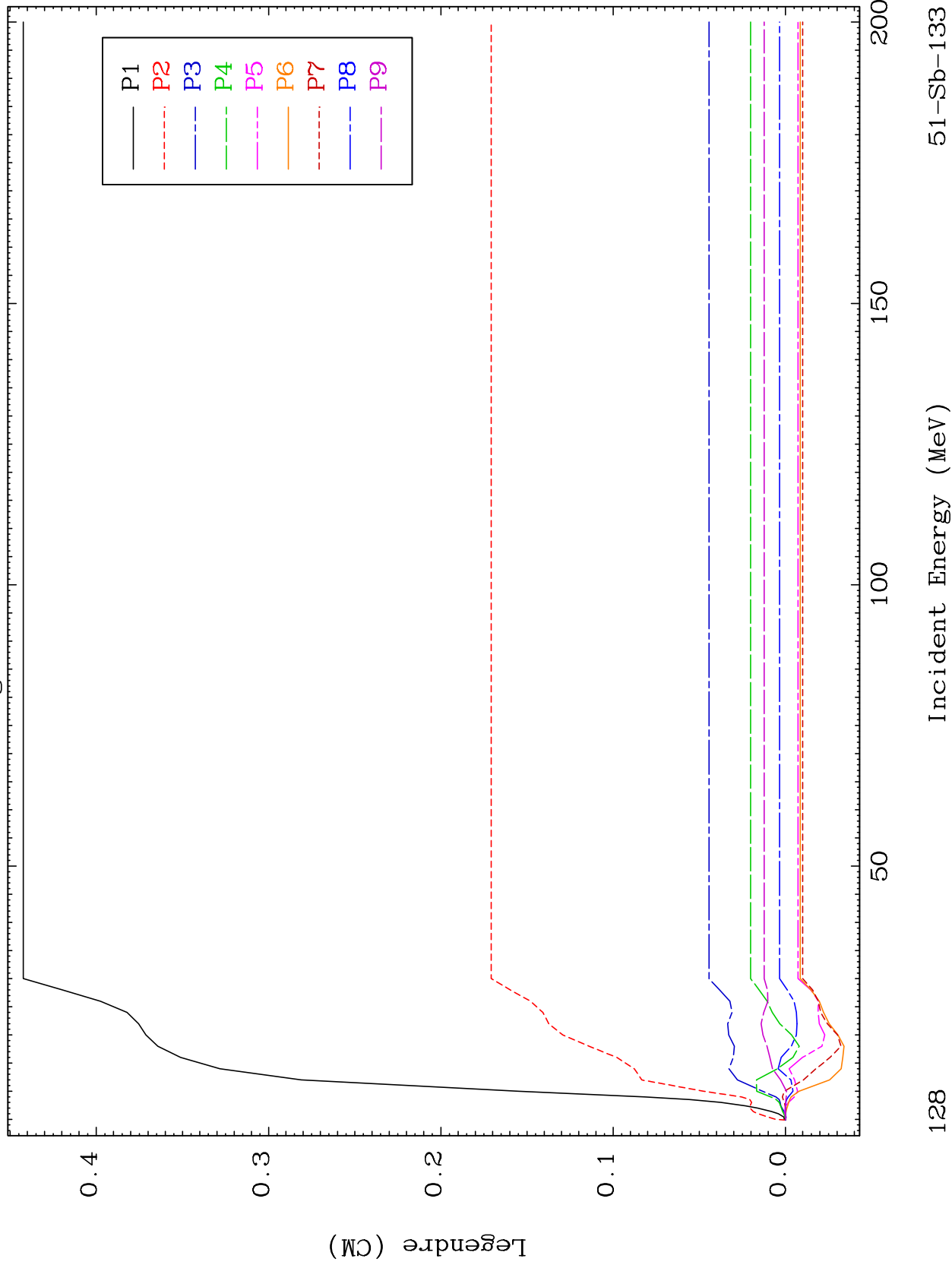


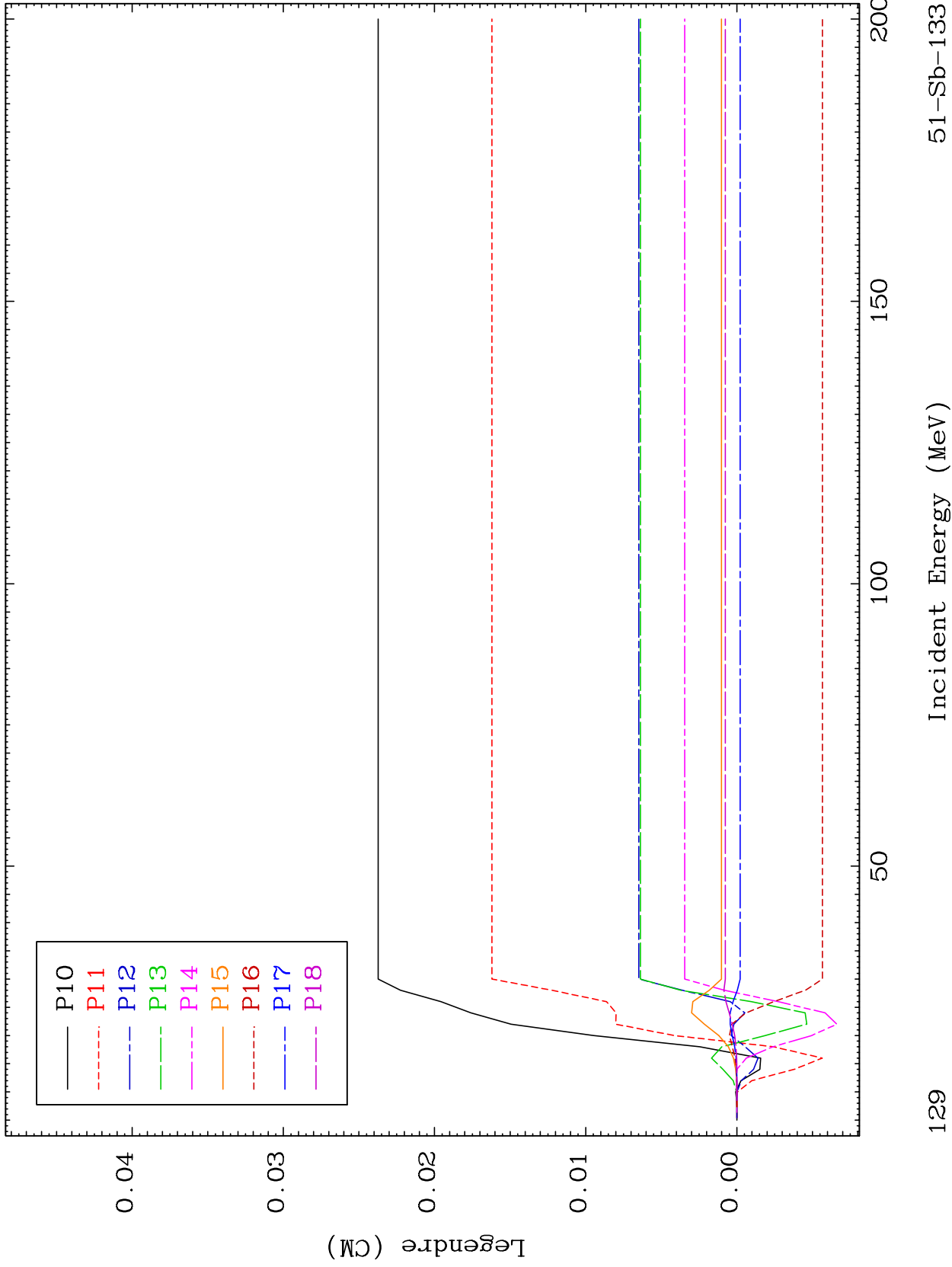
127

Incident Energy (MeV)

51-Sb-133



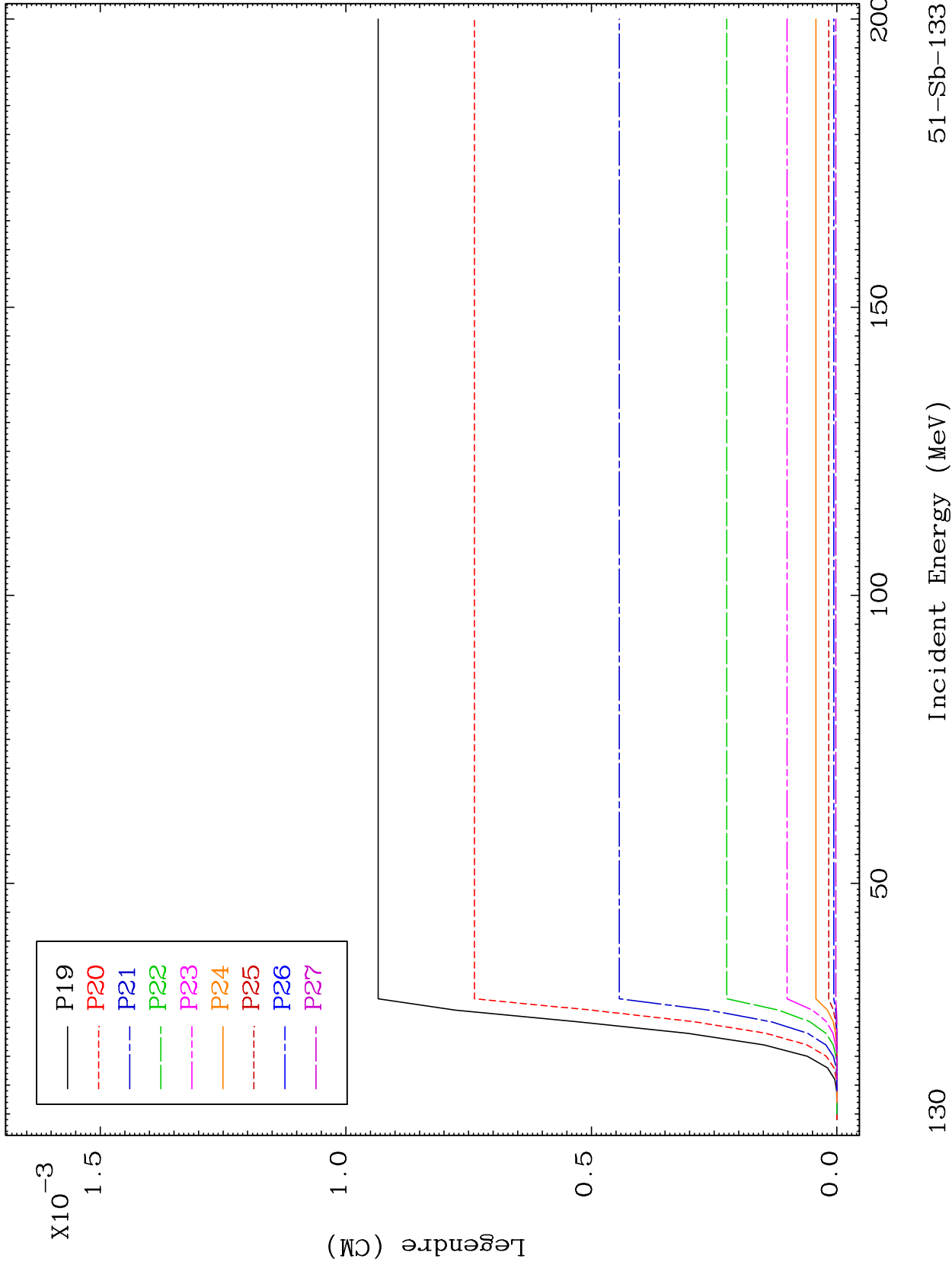




MAT 5161

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

51-Sb-133



51-Sb-133

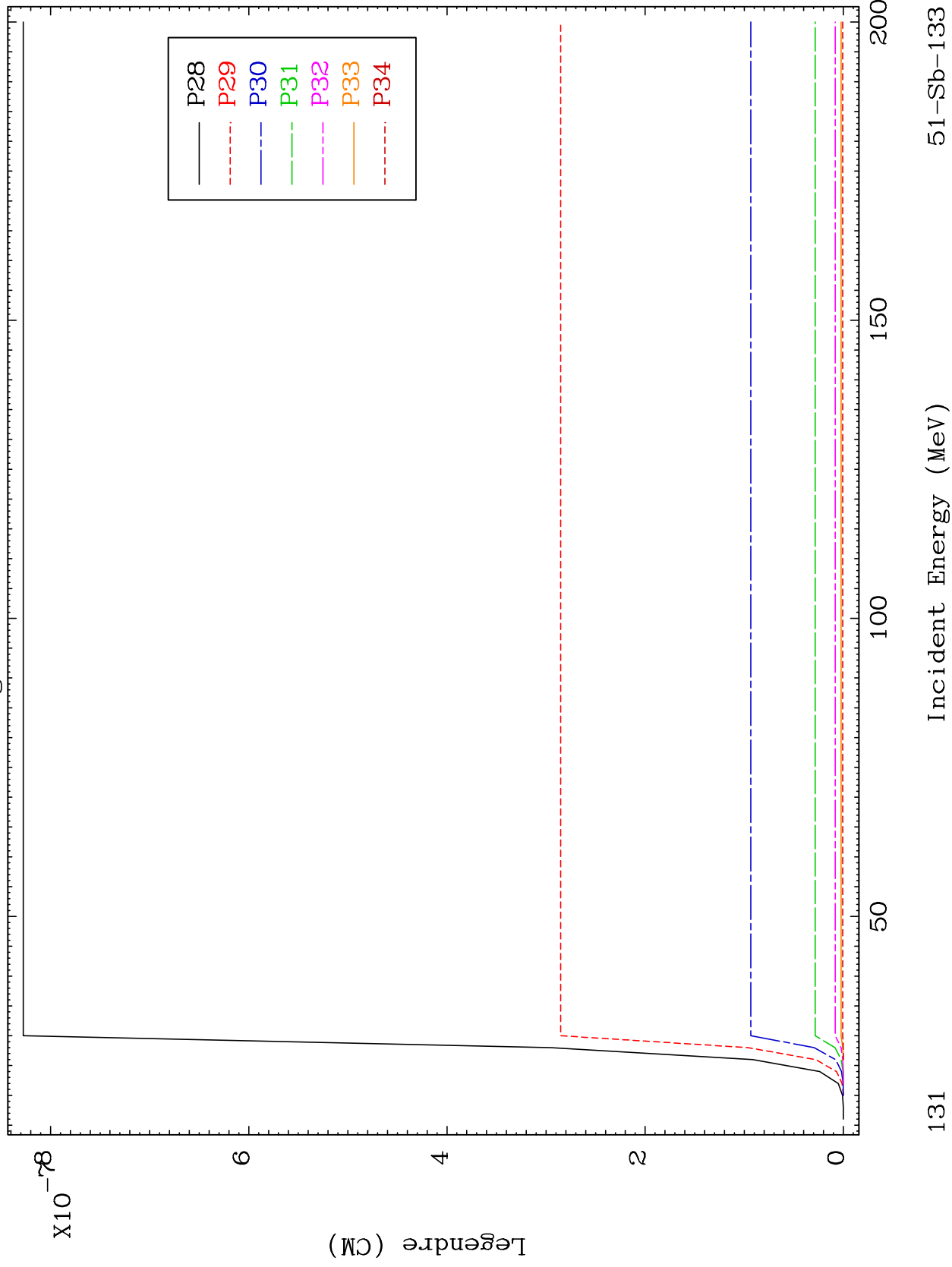
Incident Energy (MeV)

130

MAT 5161

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

51-Sb-133



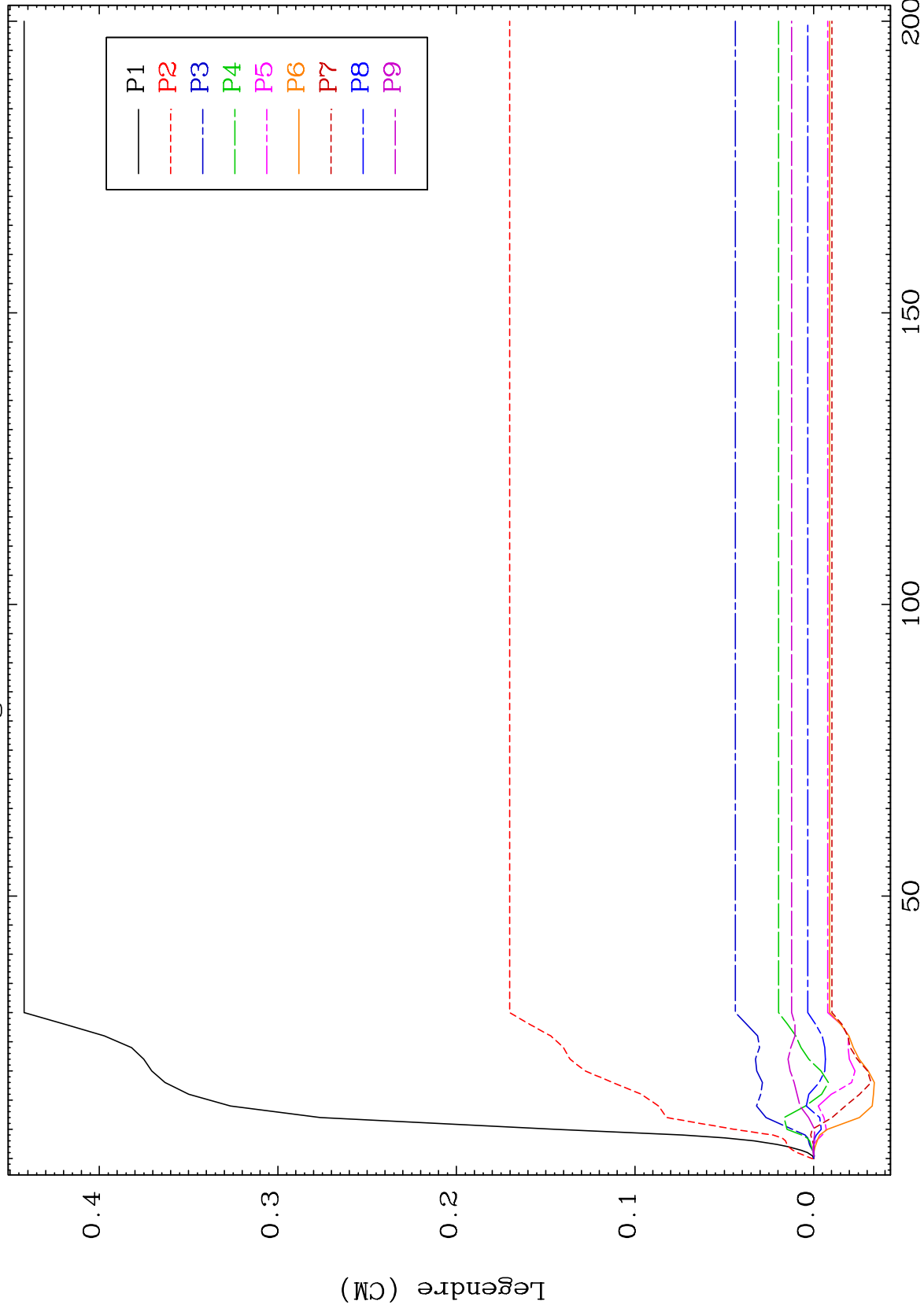
131

51-Sb-133

MAT 5161

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

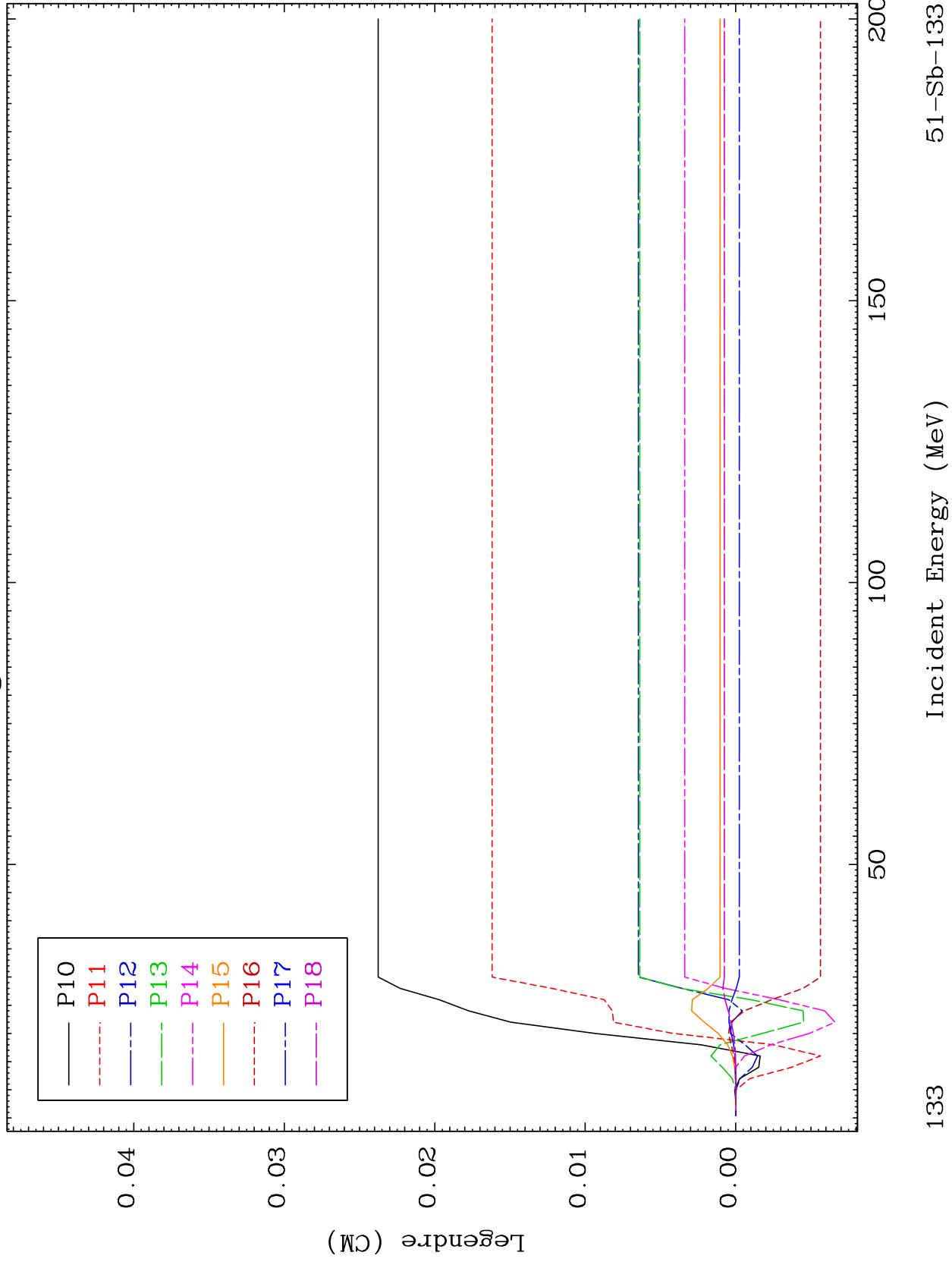
51-Sb-133



132

Incident Energy (MeV)

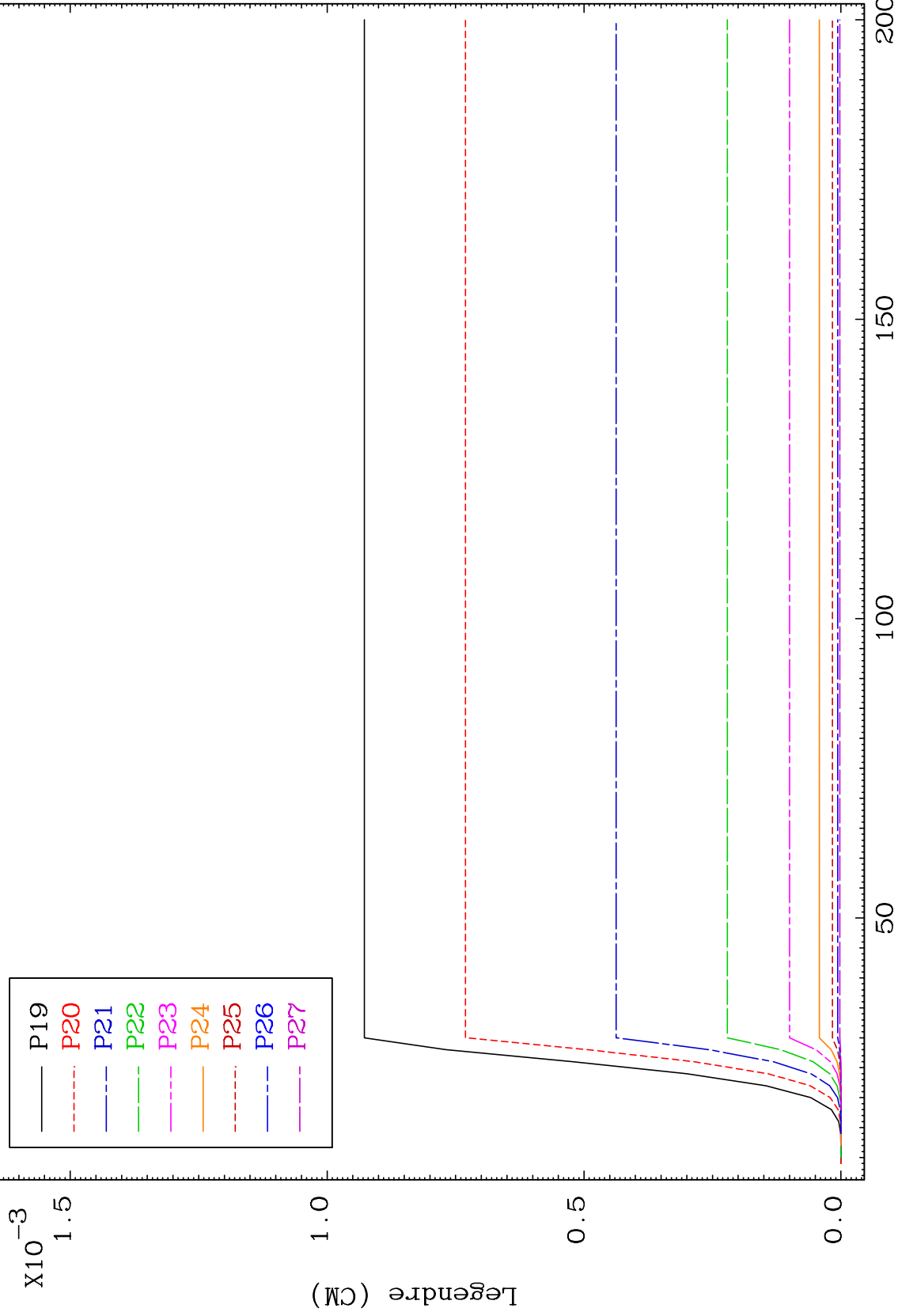
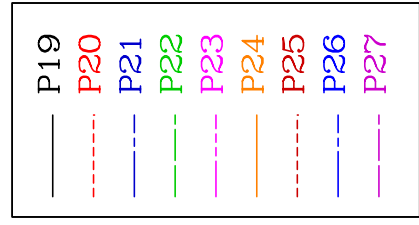
51-Sb-133



MAT 5161

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

51-Sb-133



134

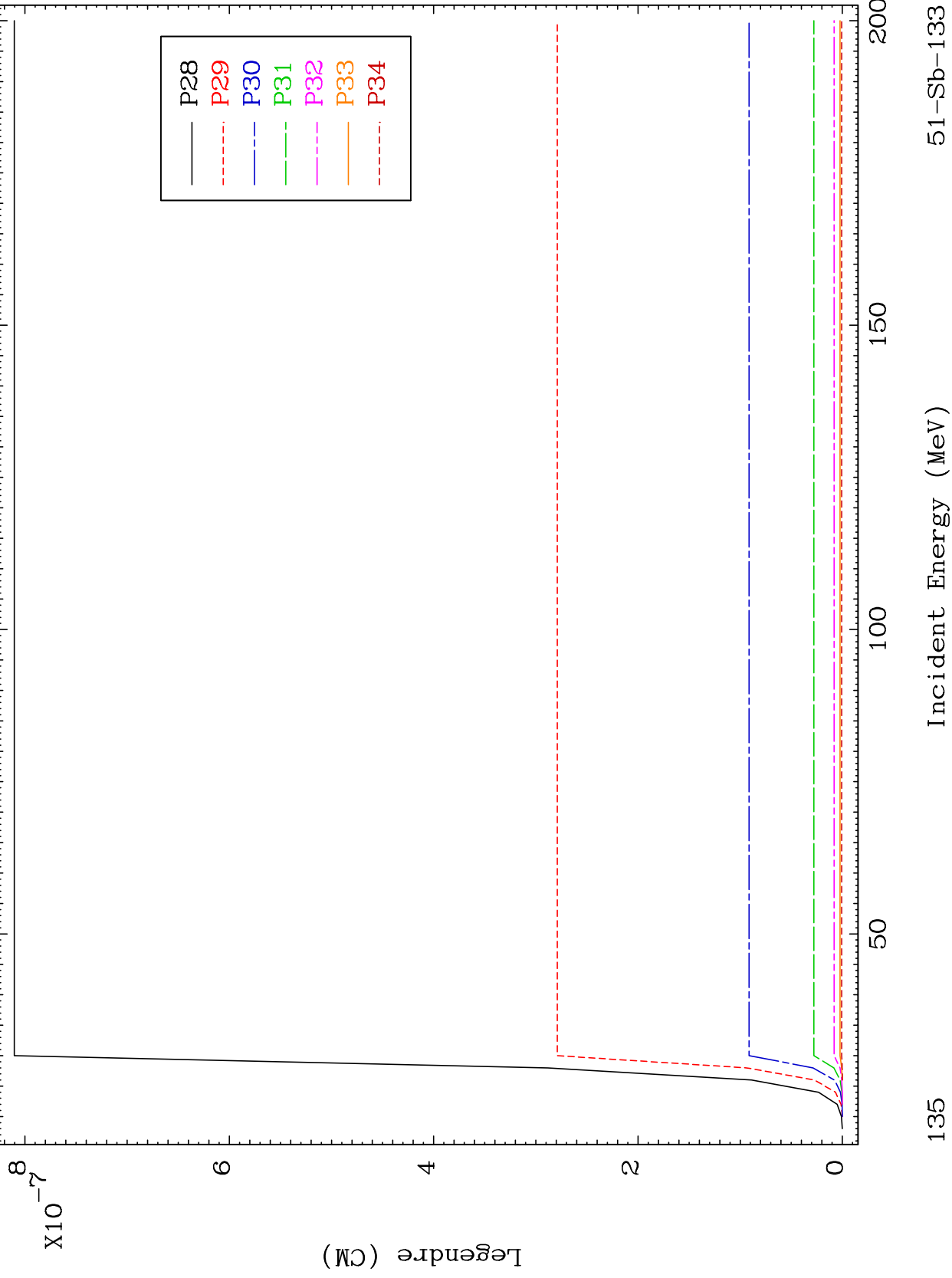
Incident Energy (MeV)

51-Sb-133

MAT 5161

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

51-Sb-133



51-Sb-133

Incident Energy (MeV)

135

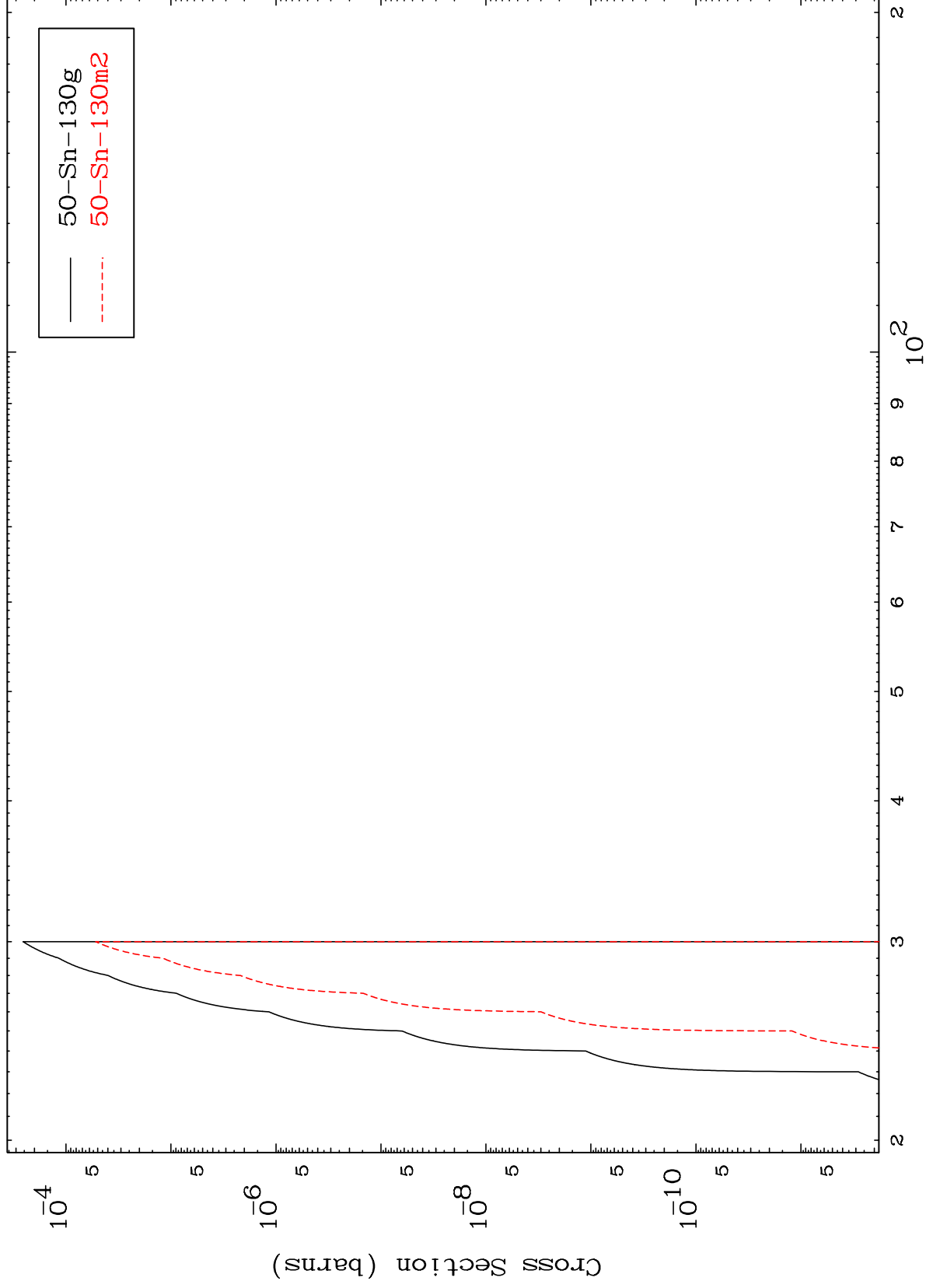


MAT 5161

(n,2n) d

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Radionuclide Production Cross Section



136

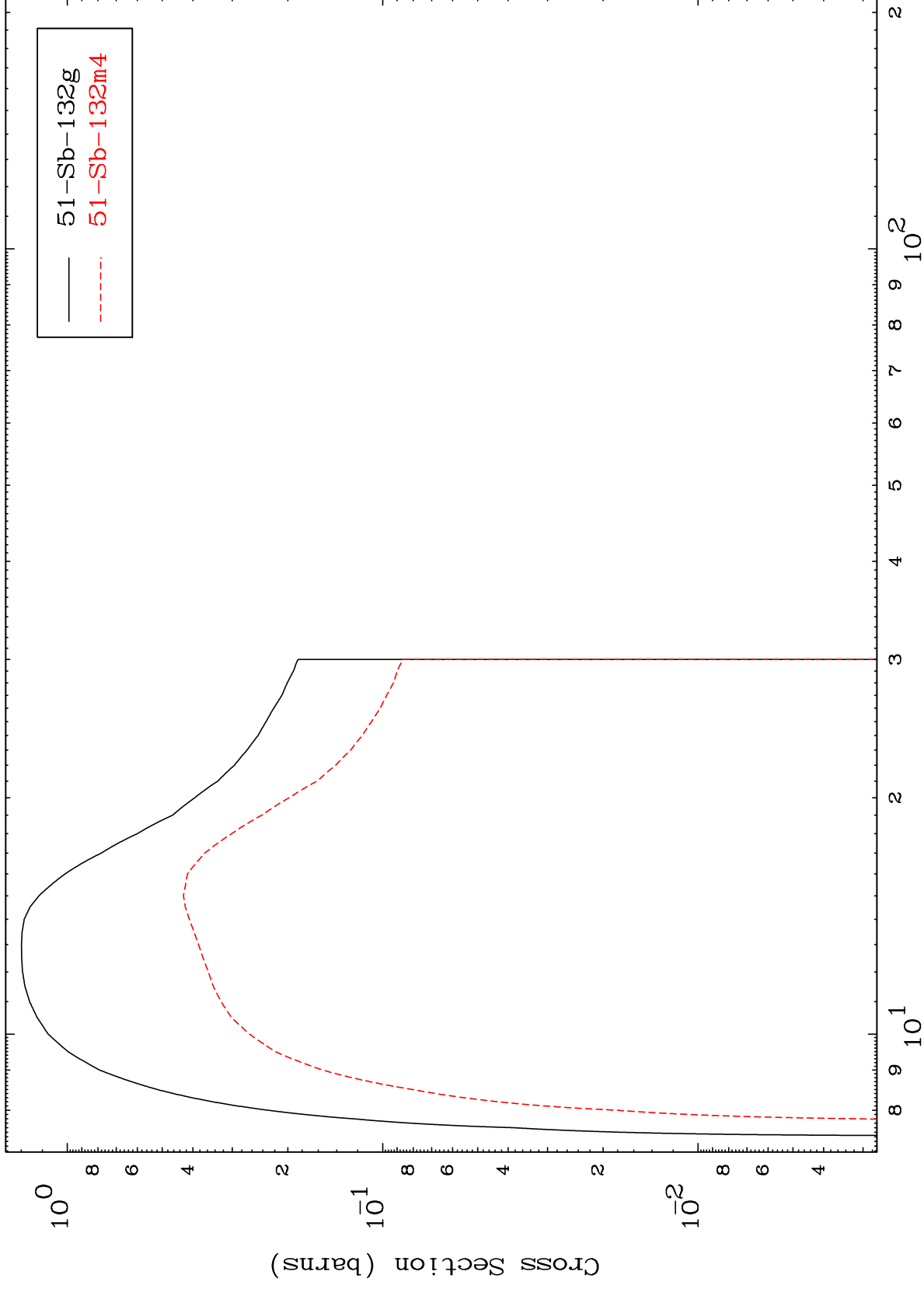
Incident Energy (MeV)

51-Sb-133

MAT 5161

51-Sb-133

(n,2n)  
Radionuclide Production Cross Section



137

Incident Energy (MeV)

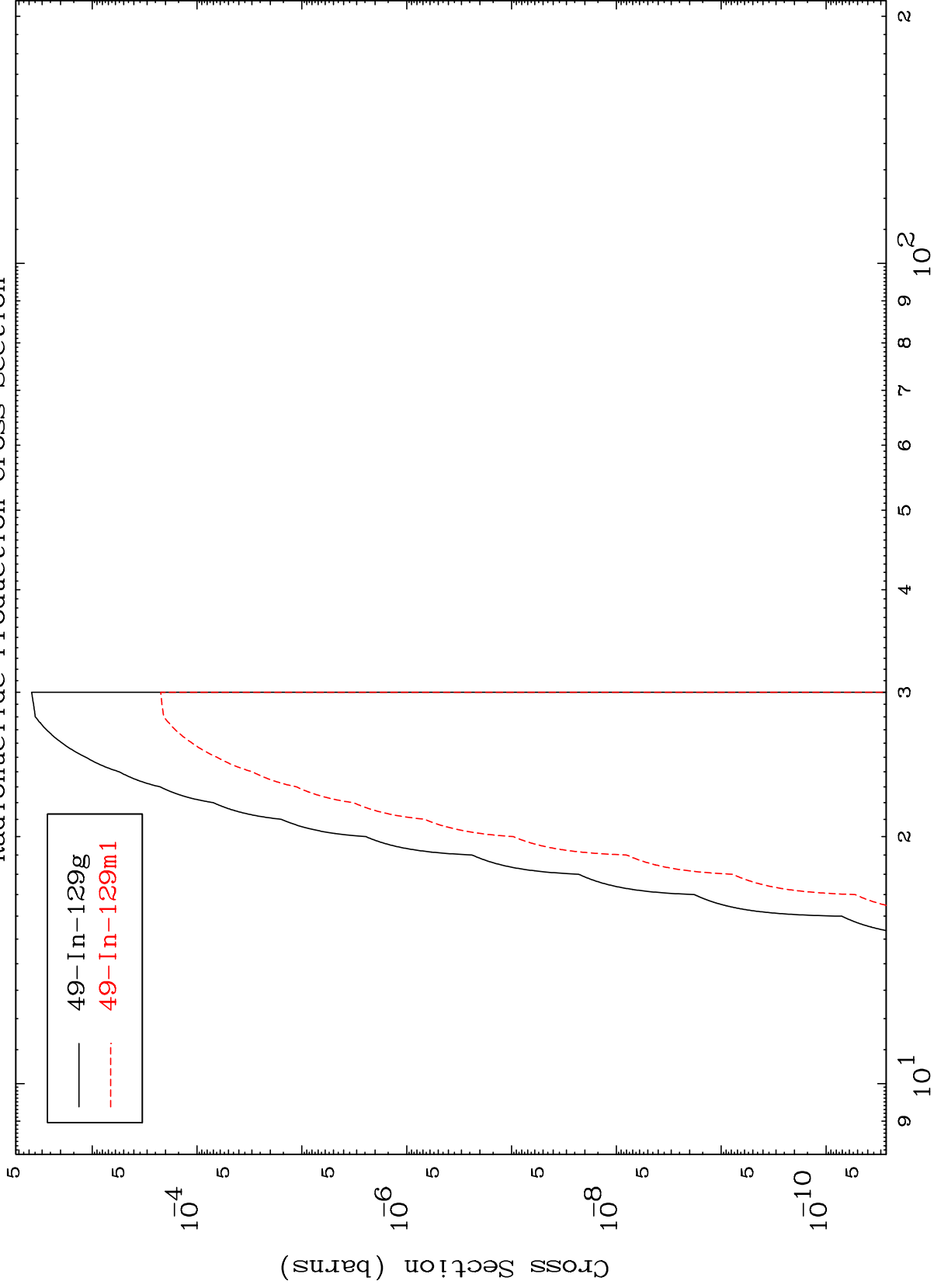
51-Sb-133

MAT 5161

(n,n')  $\alpha$

51-Sb-133

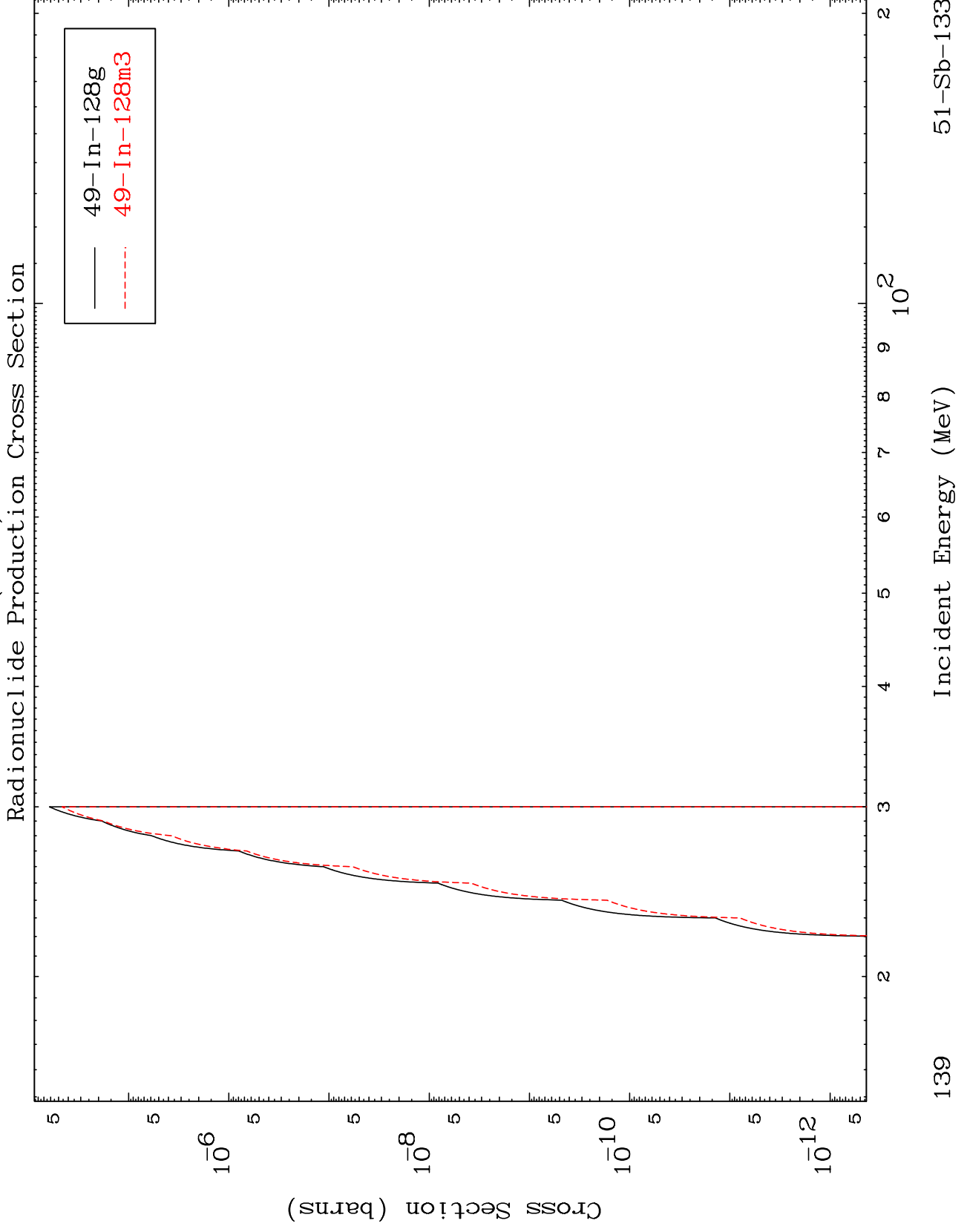
Radionuclide Production Cross Section



138

Incident Energy (MeV)

51-Sb-133

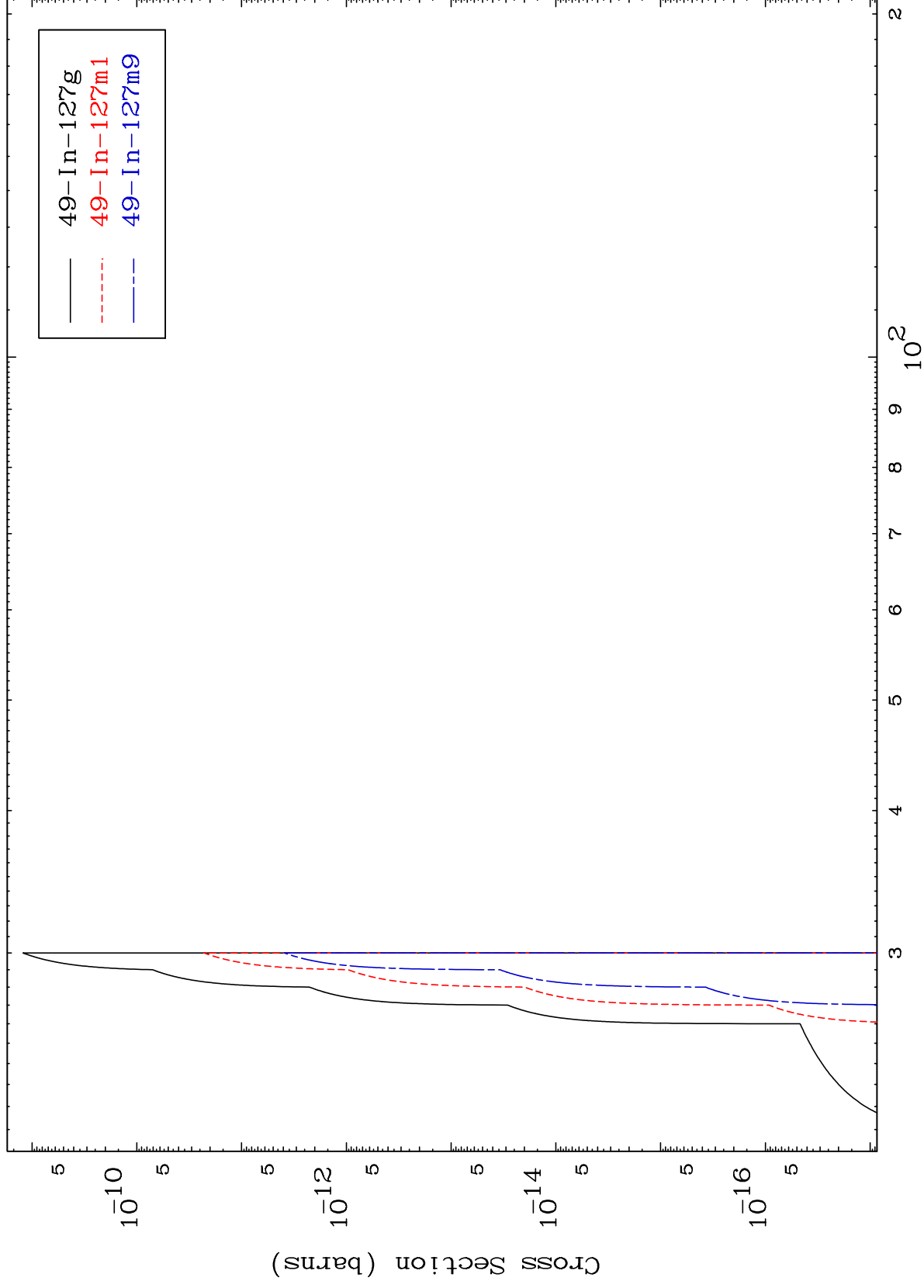


MAT 5161

(n,3n)  $\alpha$

51-Sb-133

Radionuclide Production Cross Section



140

Incident Energy (MeV)

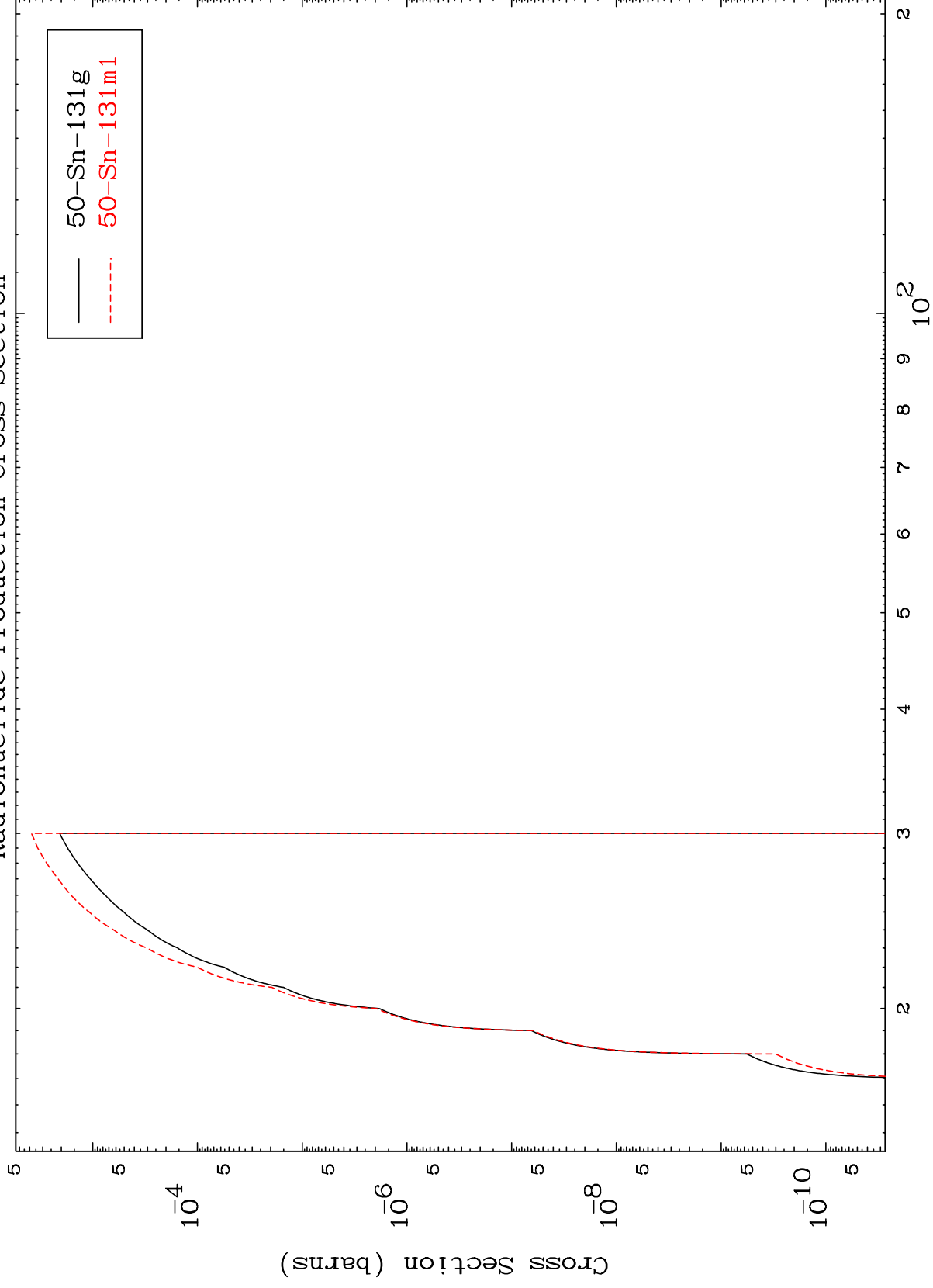
51-Sb-133

MAT 5161

(n,n') d

51-Sb-133

Radionuclide Production Cross Section

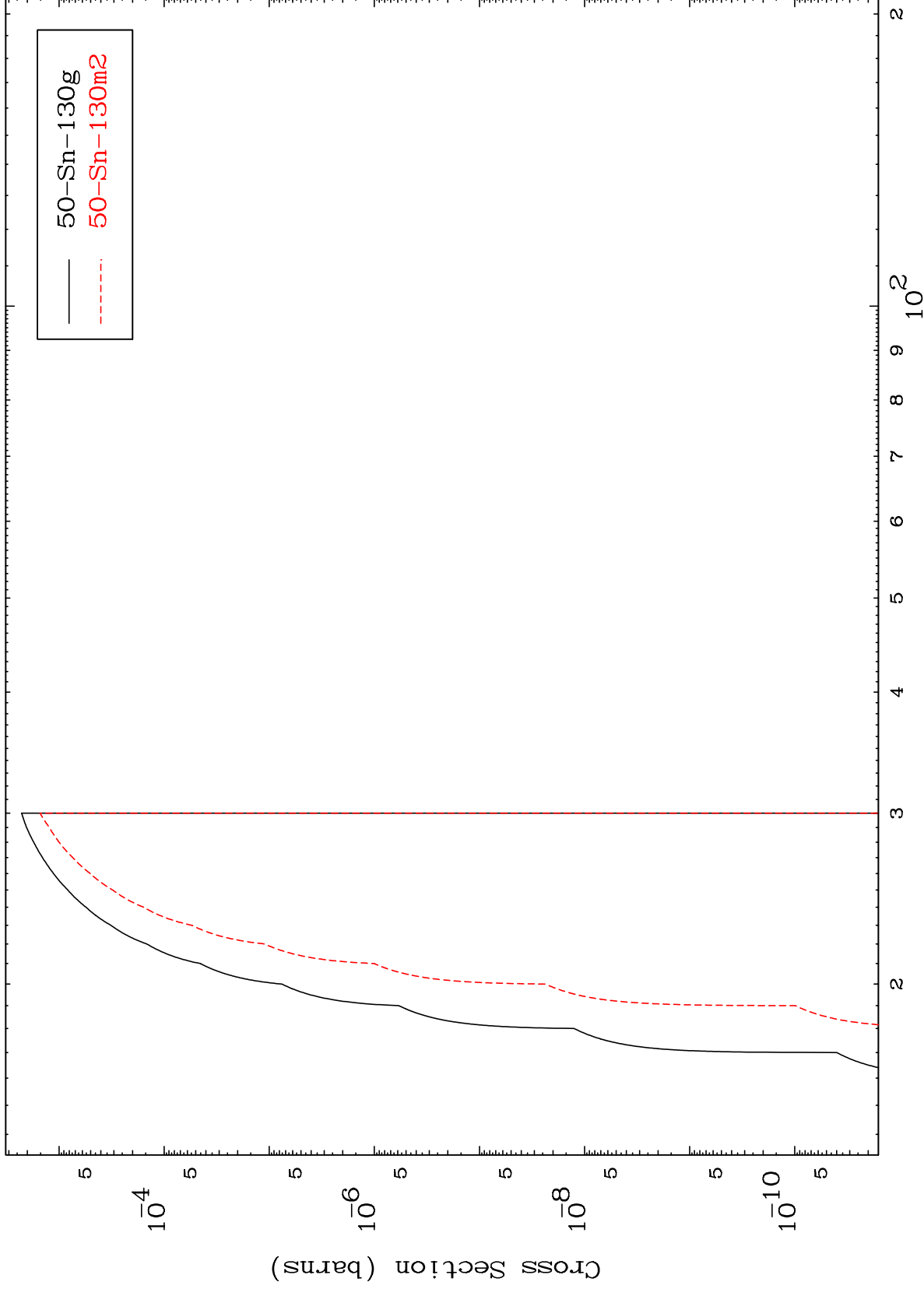


141

Incident Energy (MeV)

51-Sb-133

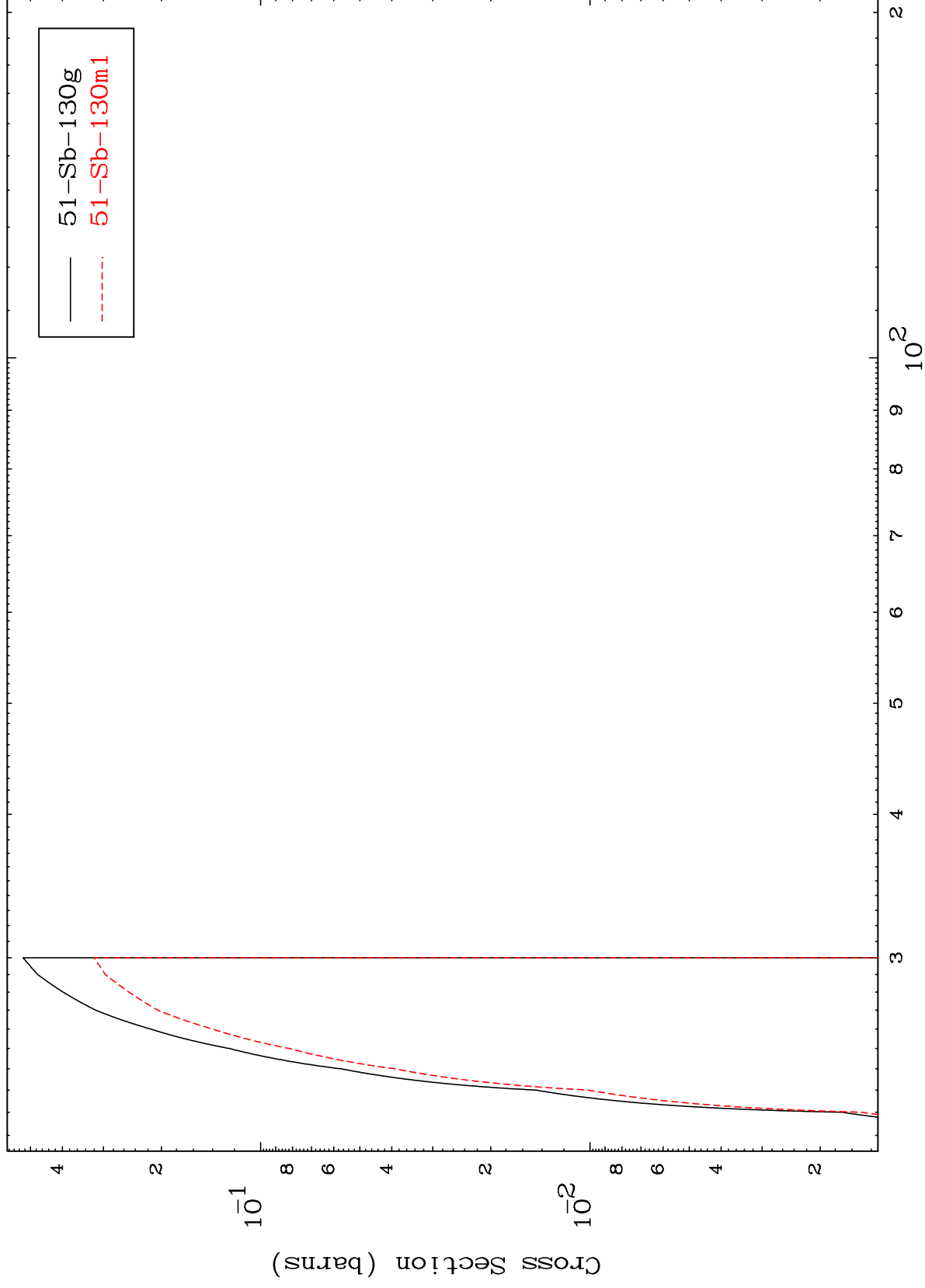
Radionuclide Production Cross Section



MAT 5161

51-Sb-133

(n,4n)  
Radionuclide Production Cross Section



143

Incident Energy (MeV)

51-Sb-133

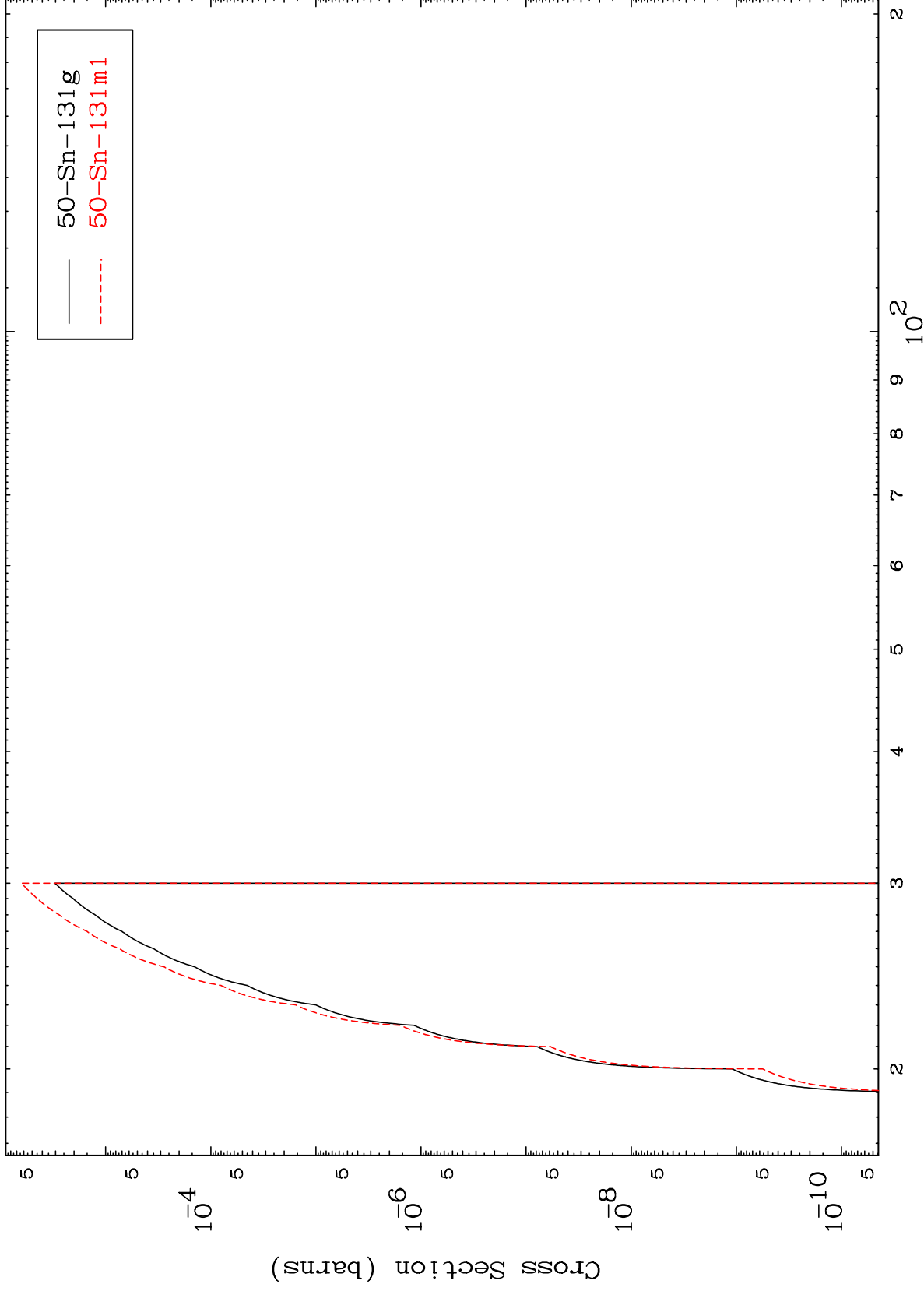


MAT 5161

(n,2n) p

51-Sb-133

Radionuclide Production Cross Section

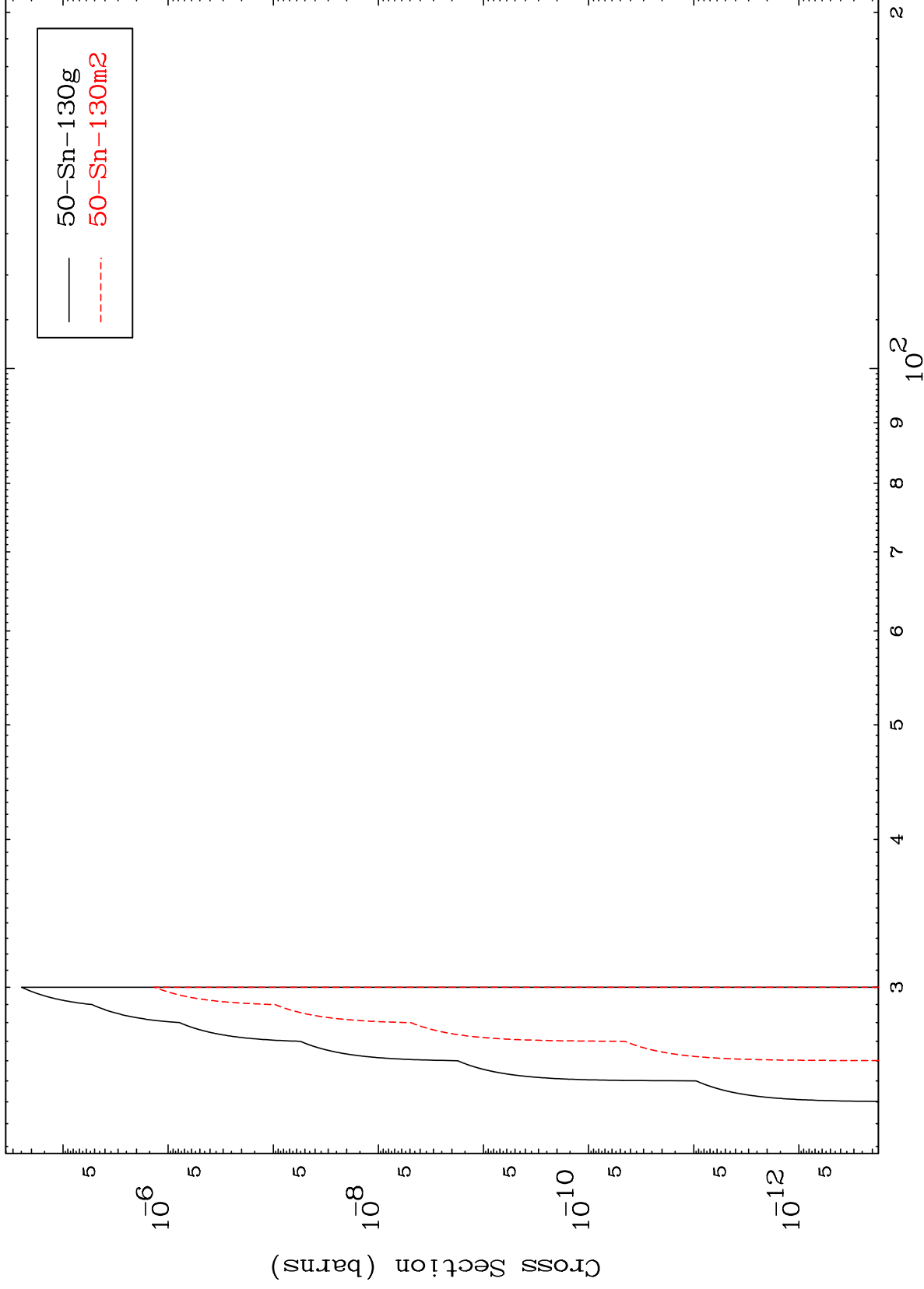


144

Incident Energy (MeV)

51-Sb-133

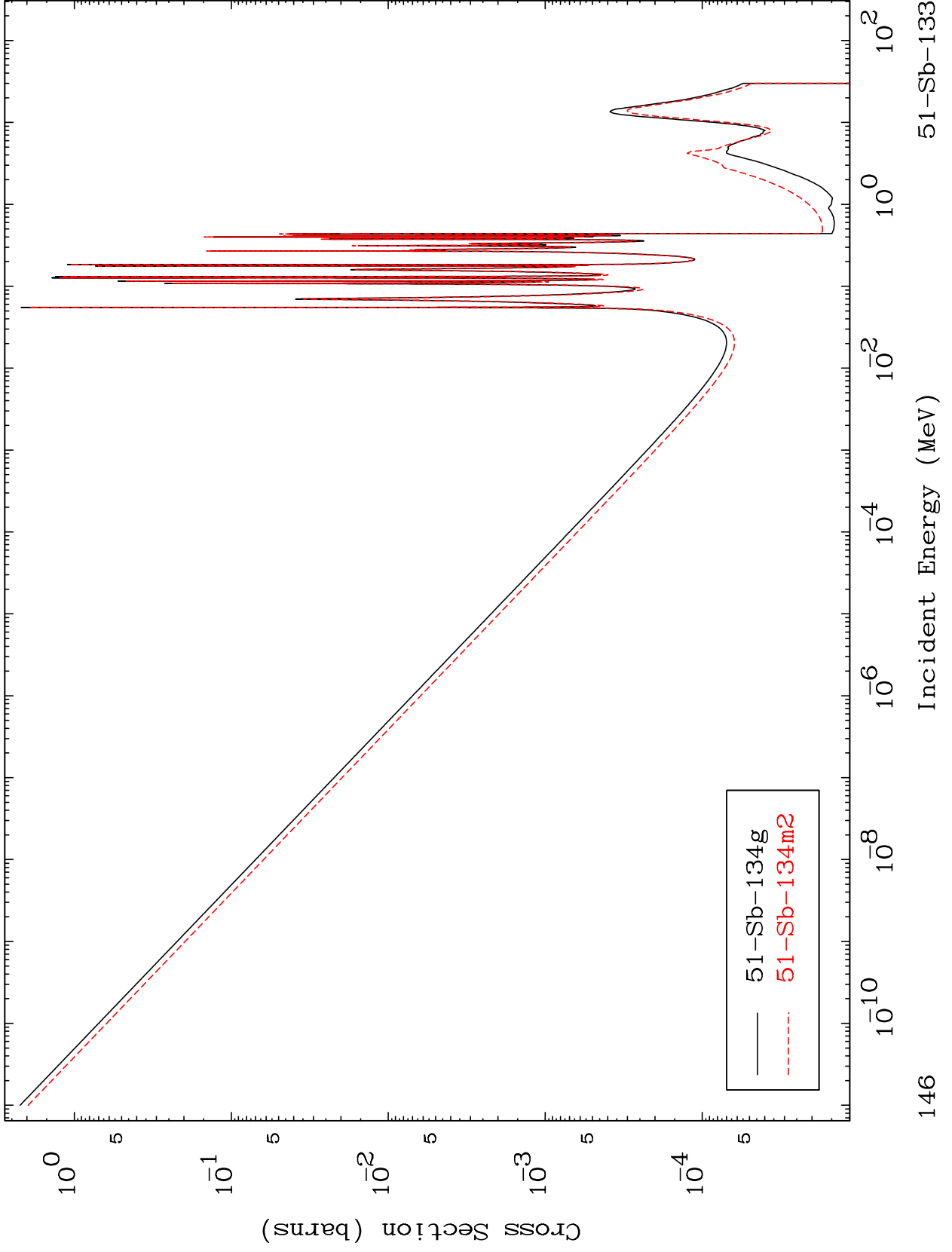
Radionuclide Production Cross Section



MAT 5161

51-Sb-133

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

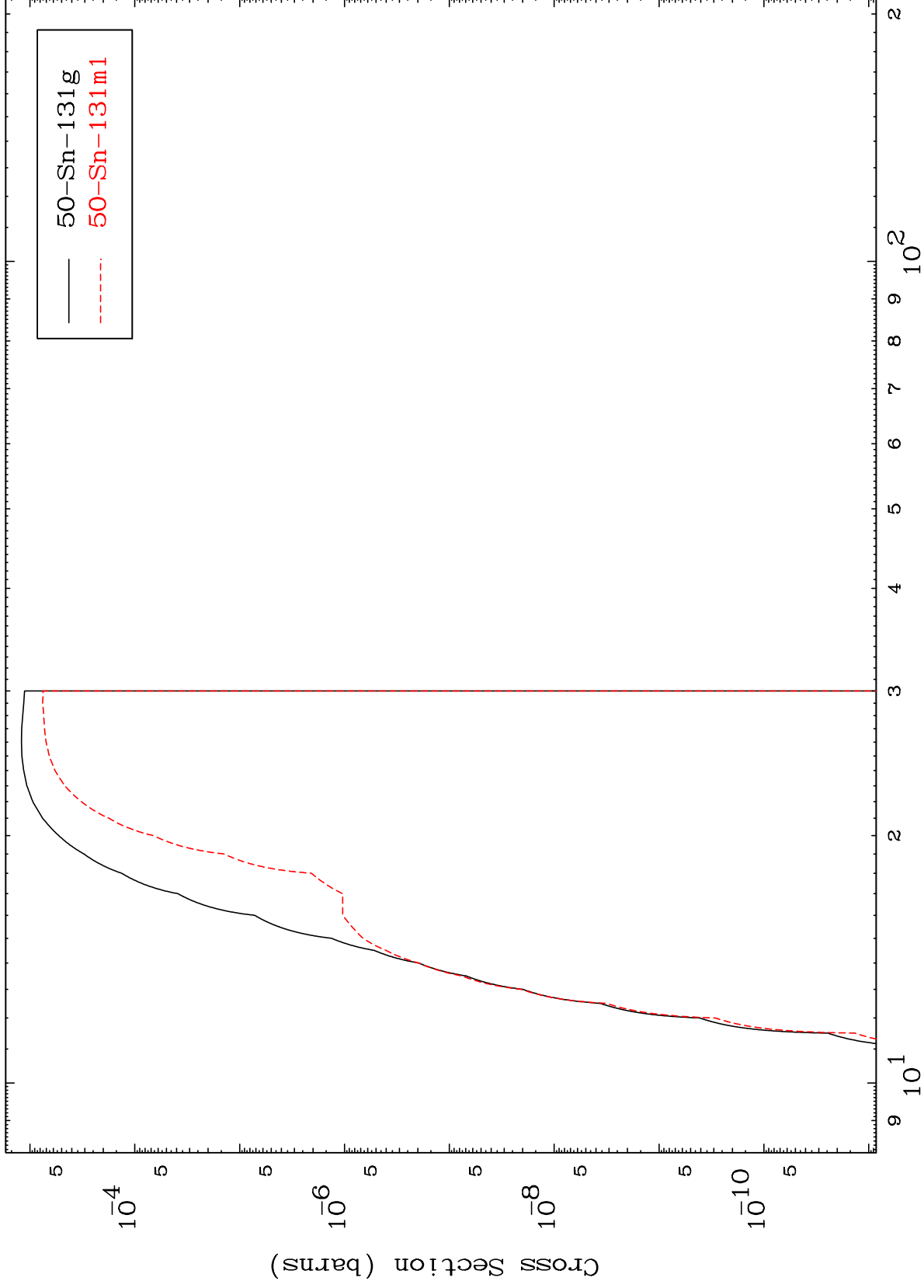


MAT 5161

(n,t)

51-Sb-133

Radionuclide Production Cross Section

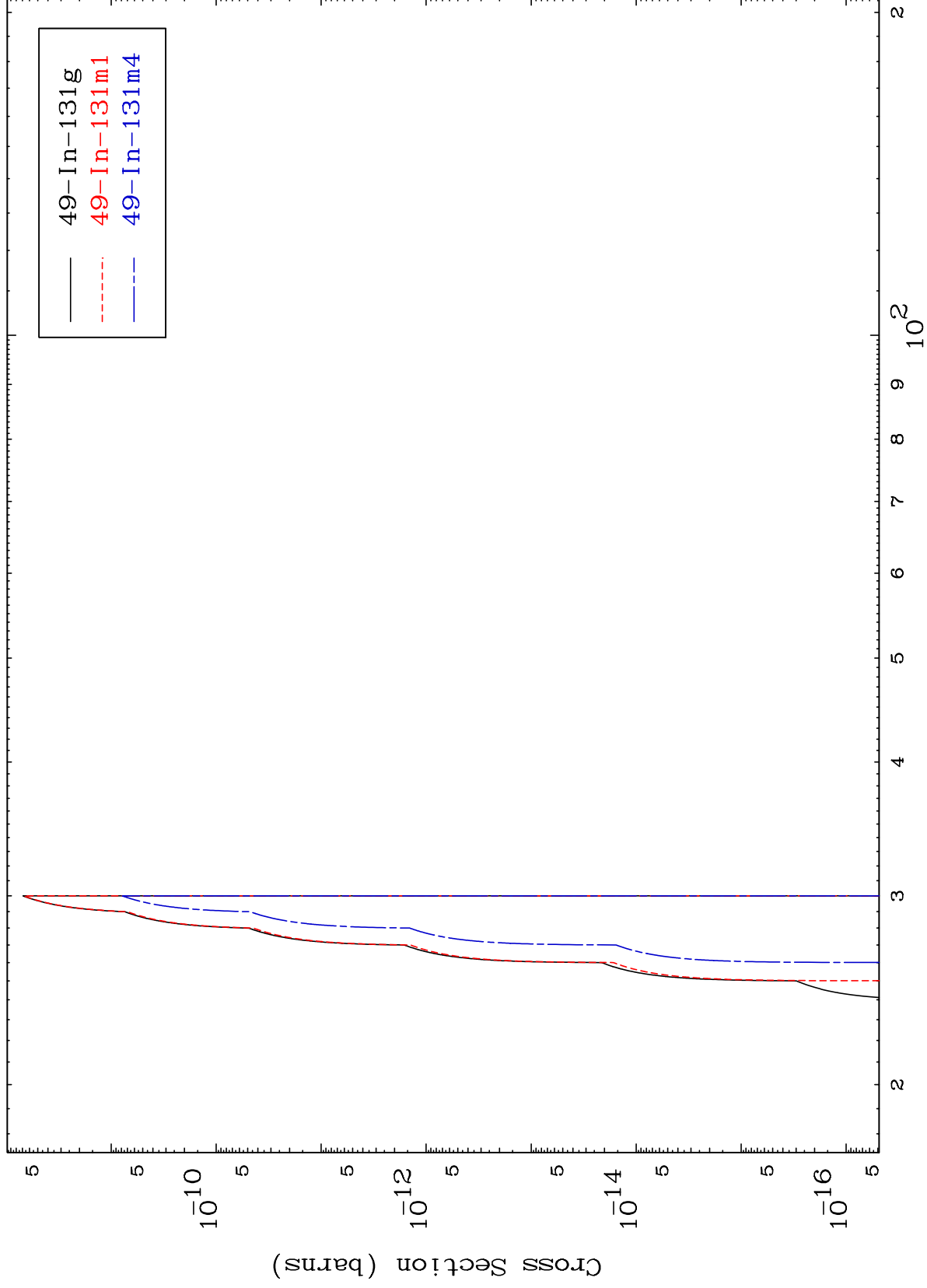


147

Incident Energy (MeV)

51-Sb-133

Radionuclide Production Cross Section



Radionuclide Production Cross Section  
(n,α)

