

Program EVALPLOT
(Version 2018-1)

by

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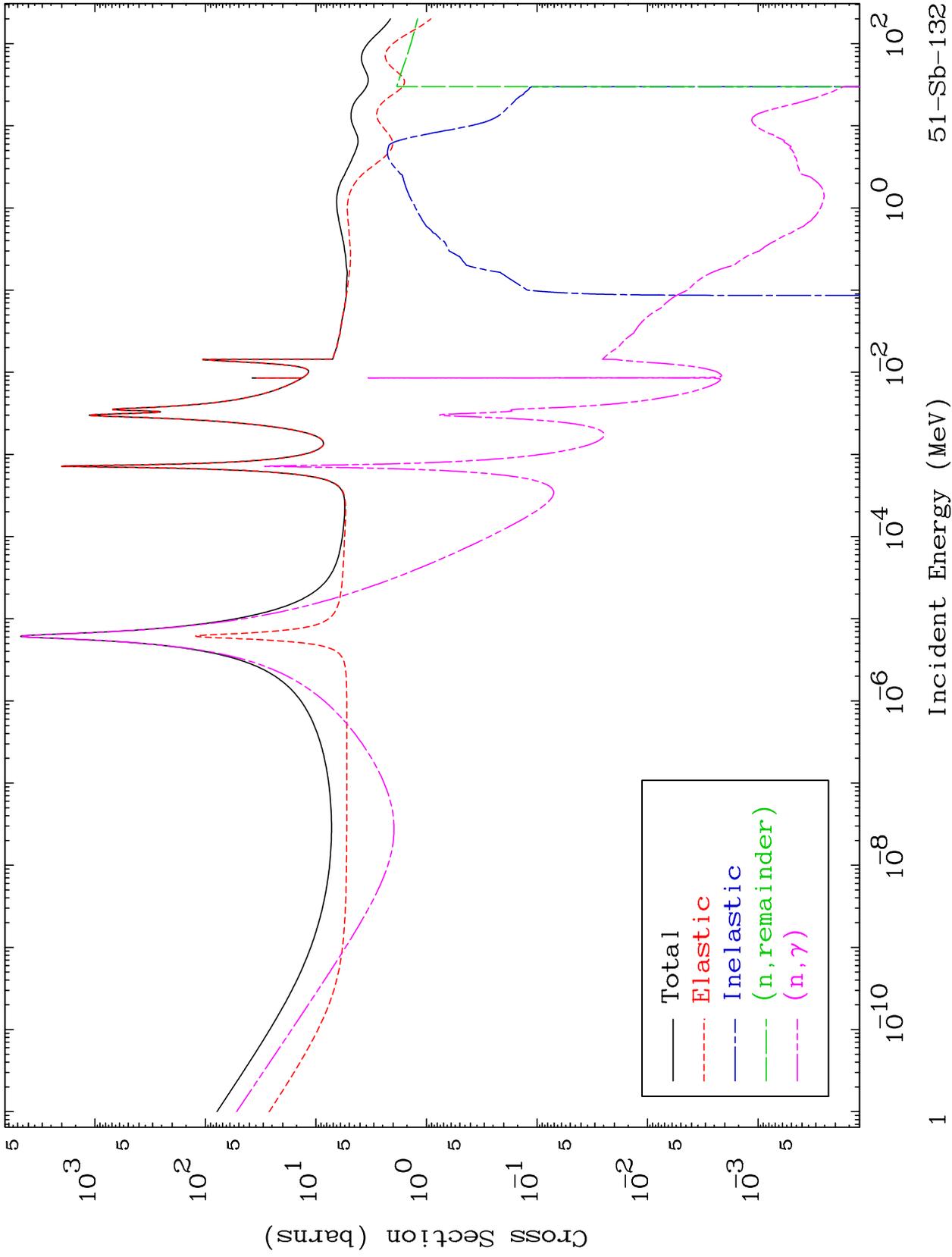
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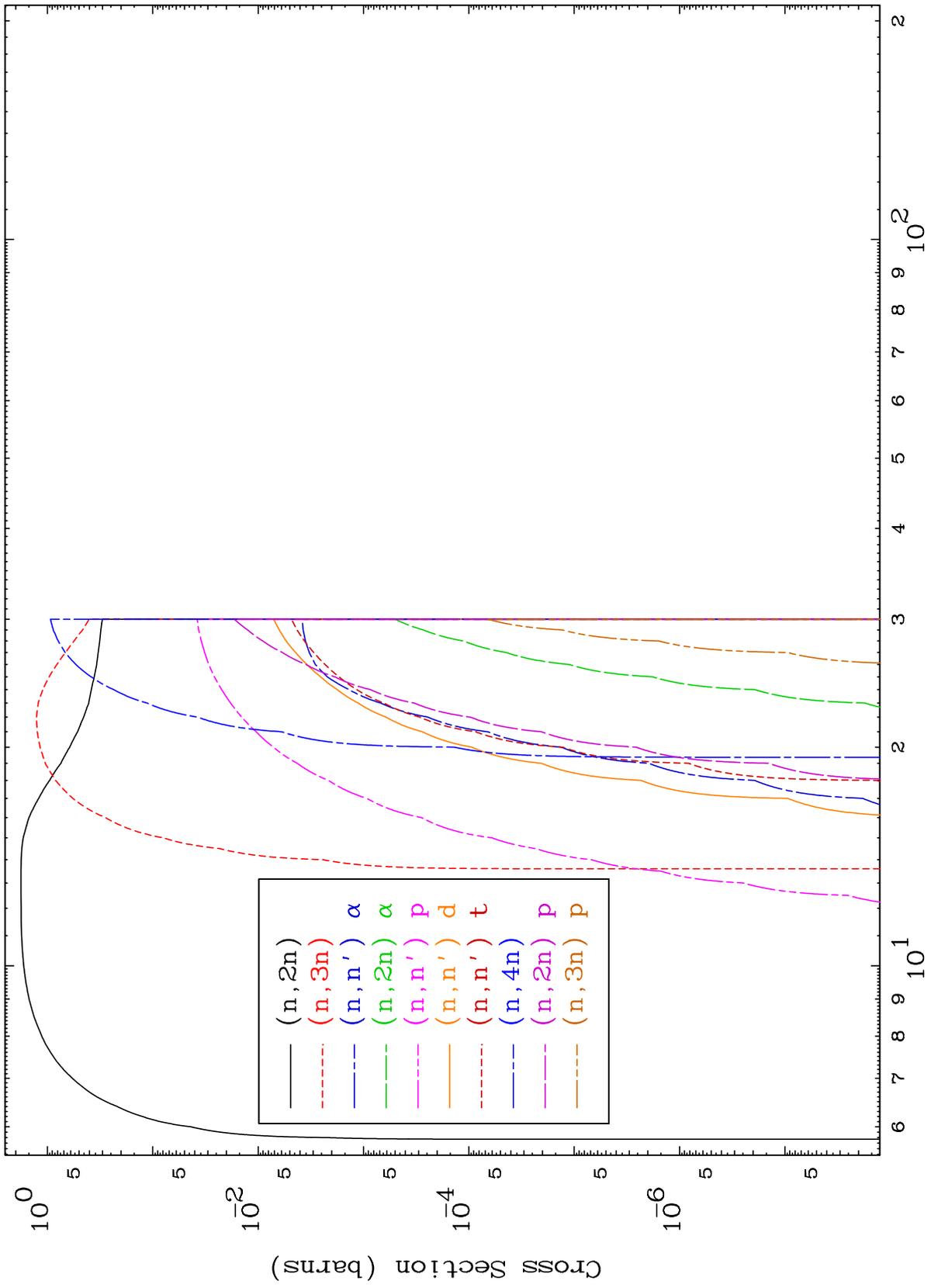
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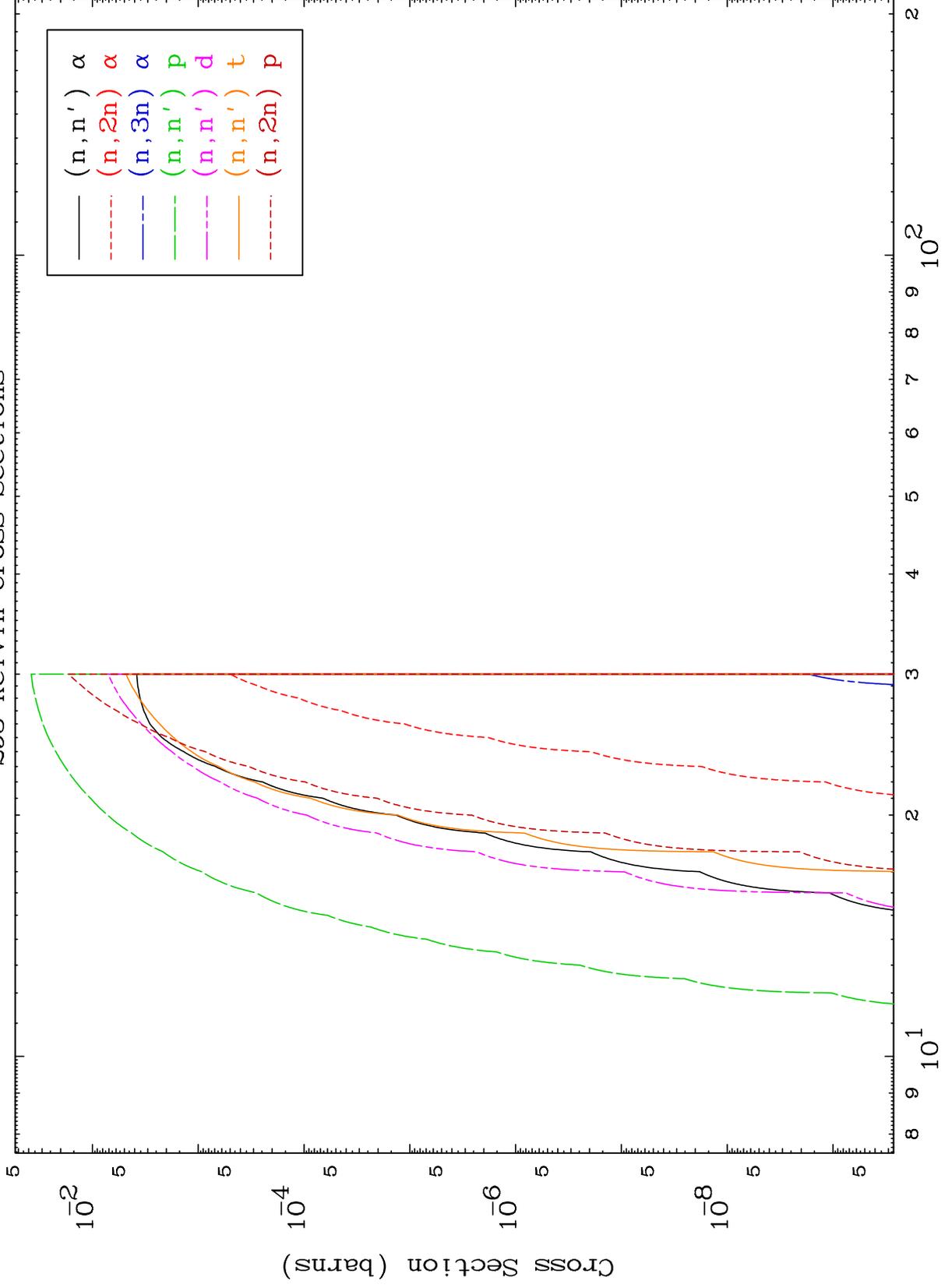
MAT 5158

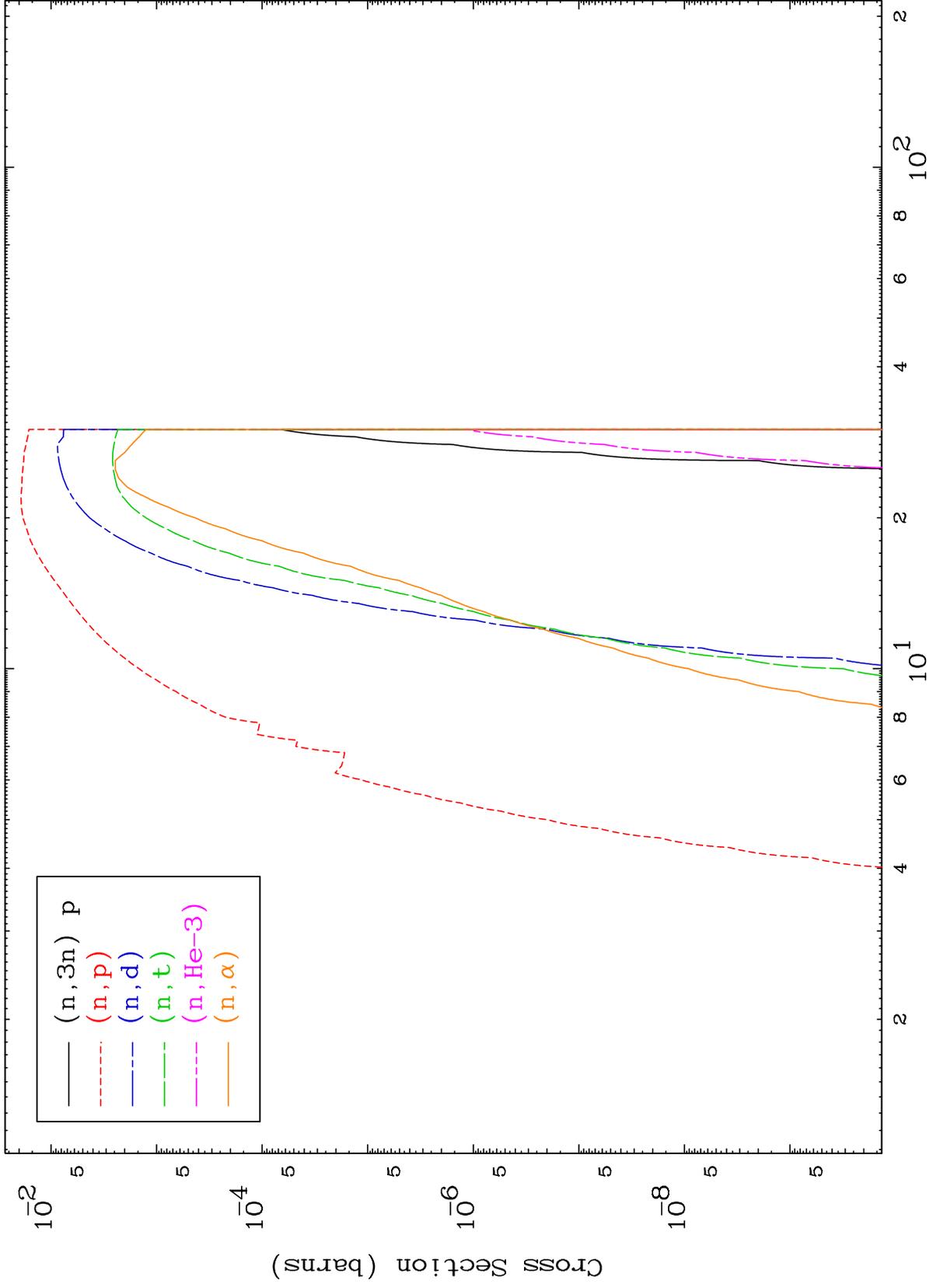
Major
293 Kelvin Cross Sections

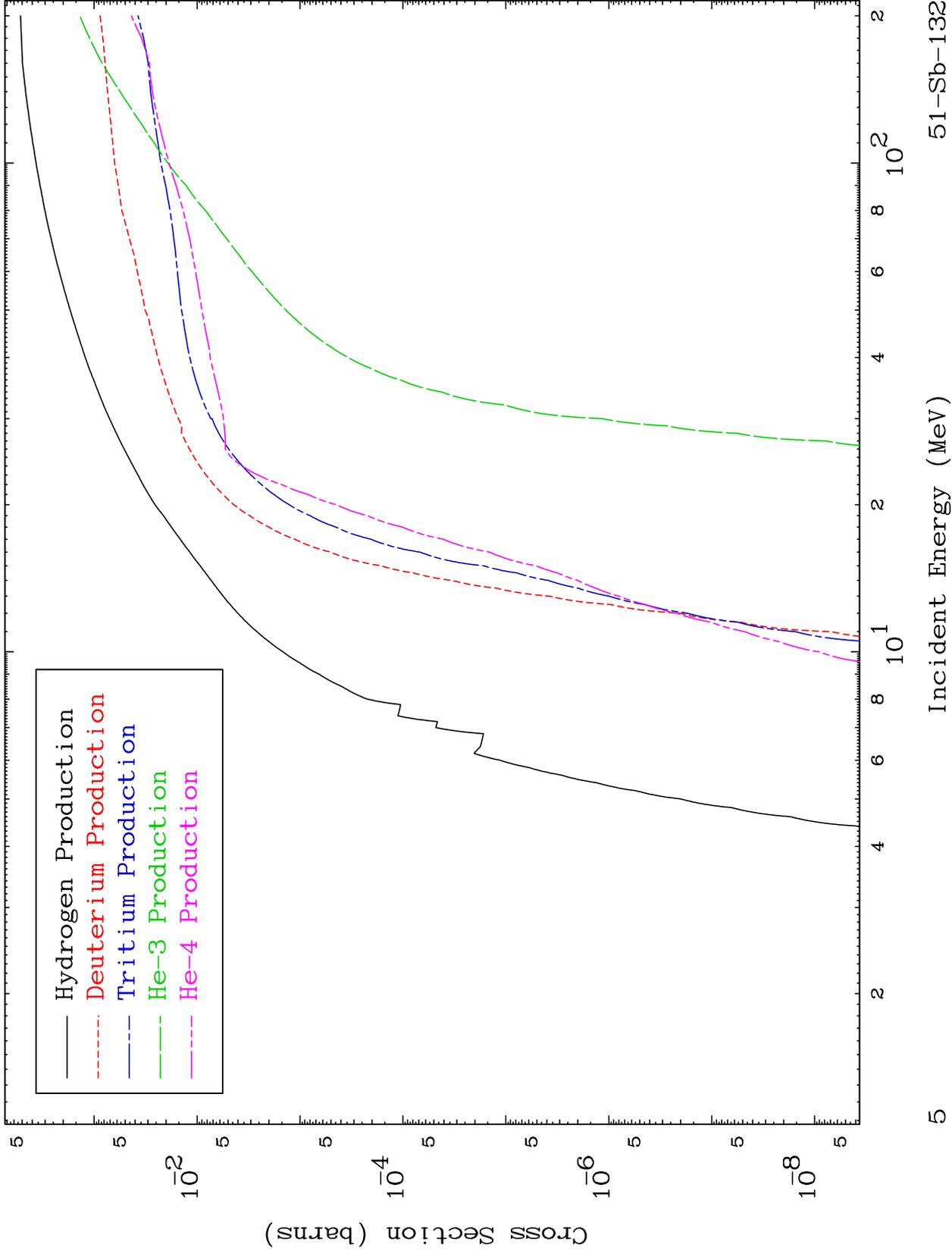
51-Sb-132









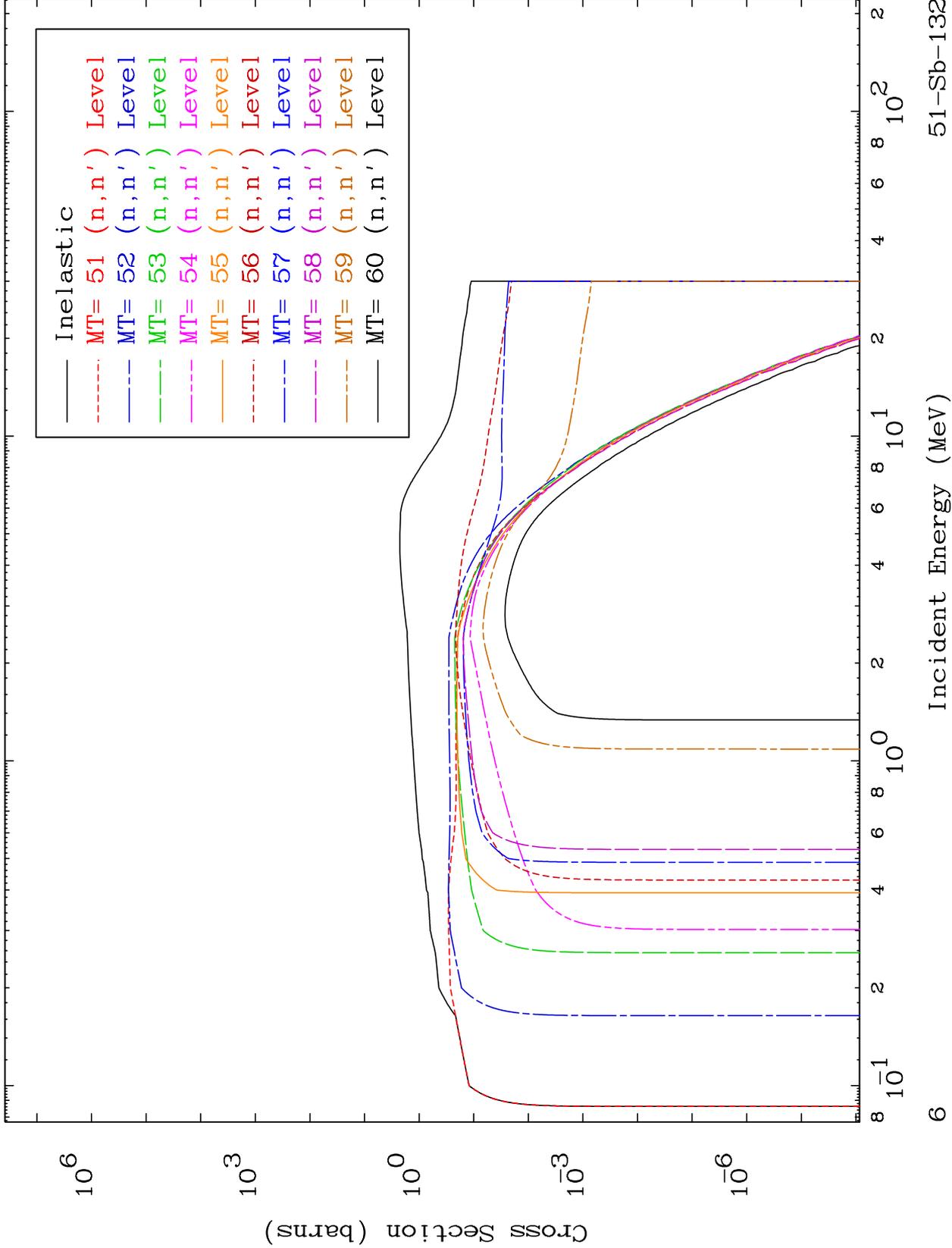


MAT 5158

(n,n') Level

51-Sb-132

293 Kelvin Cross Sections



51-Sb-132

Incident Energy (MeV)

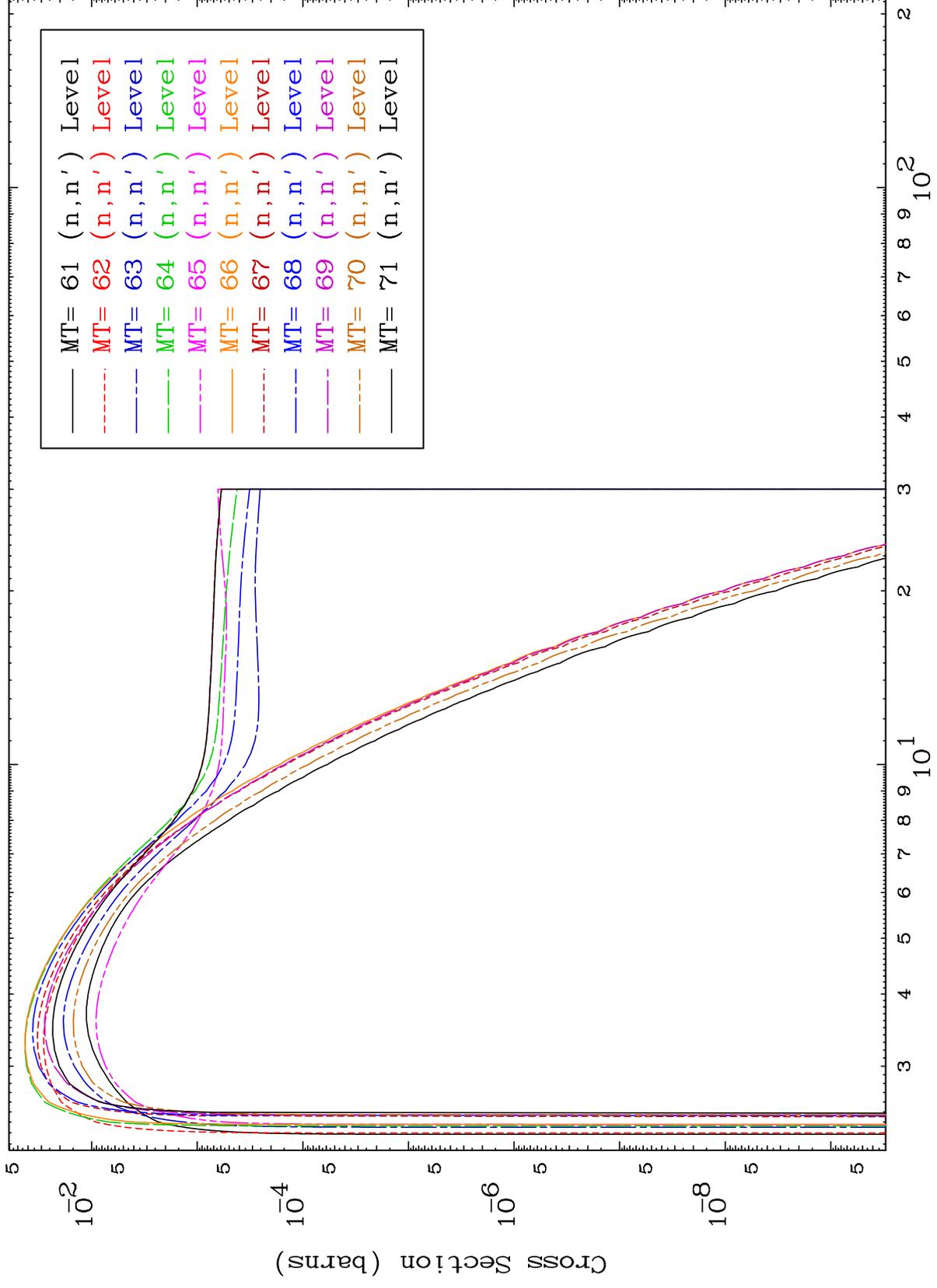
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MAT 5158

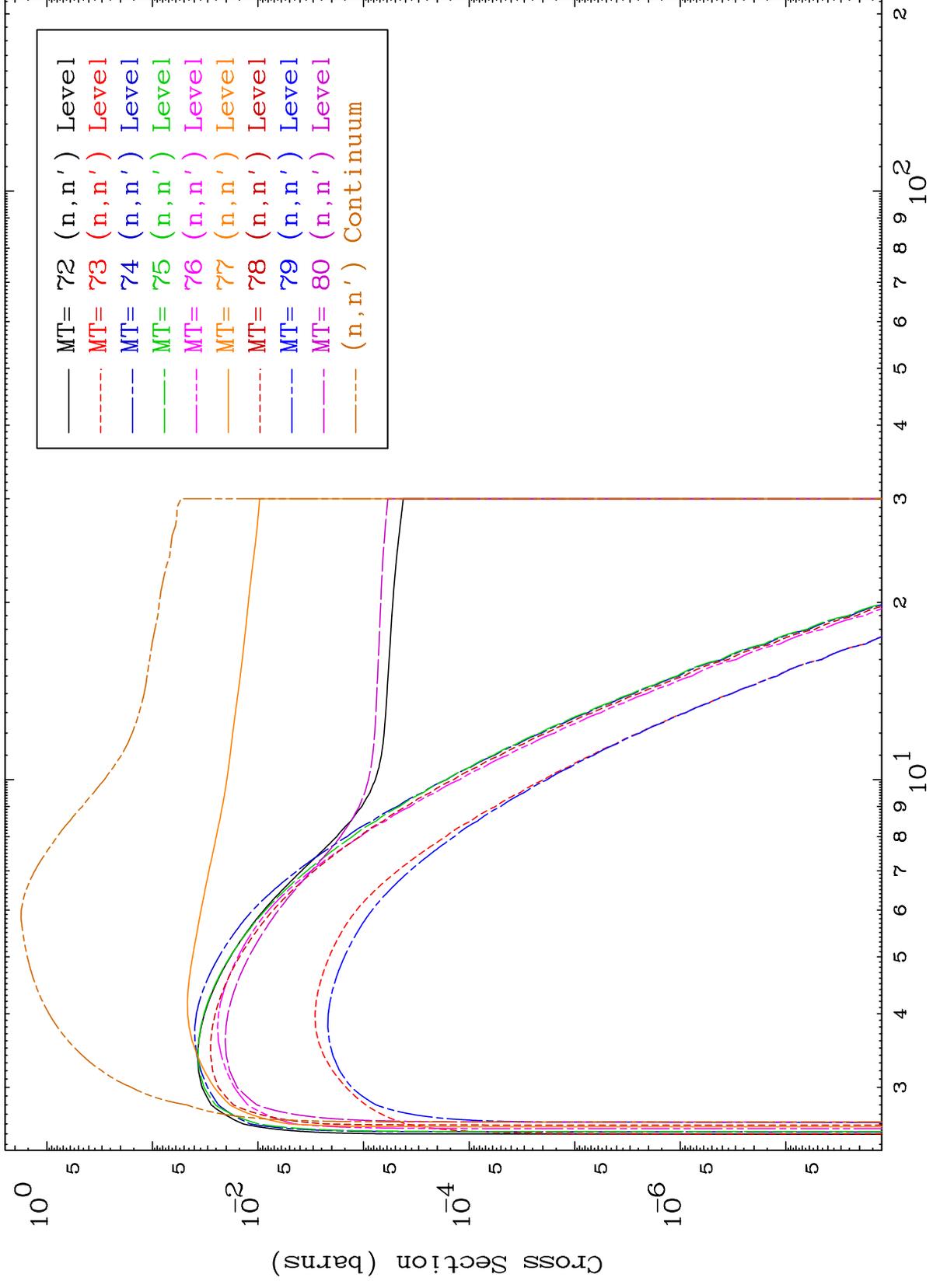
(n,n') Level

51-Sb-132

293 Kelvin Cross Sections



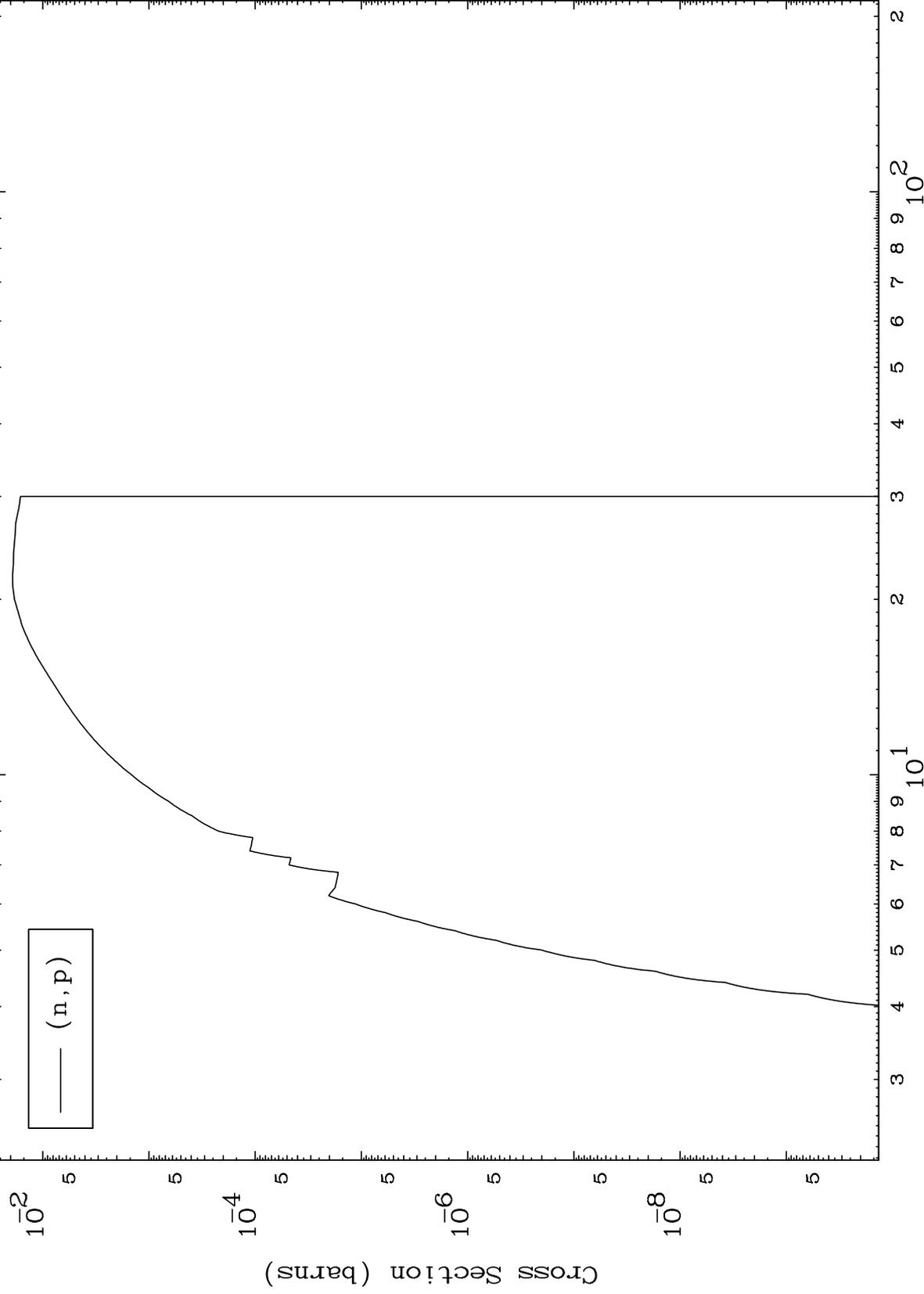
293 Kelvin Cross Sections



MAT 5158

(n,p) Levels
293 Kelvin Cross Sections

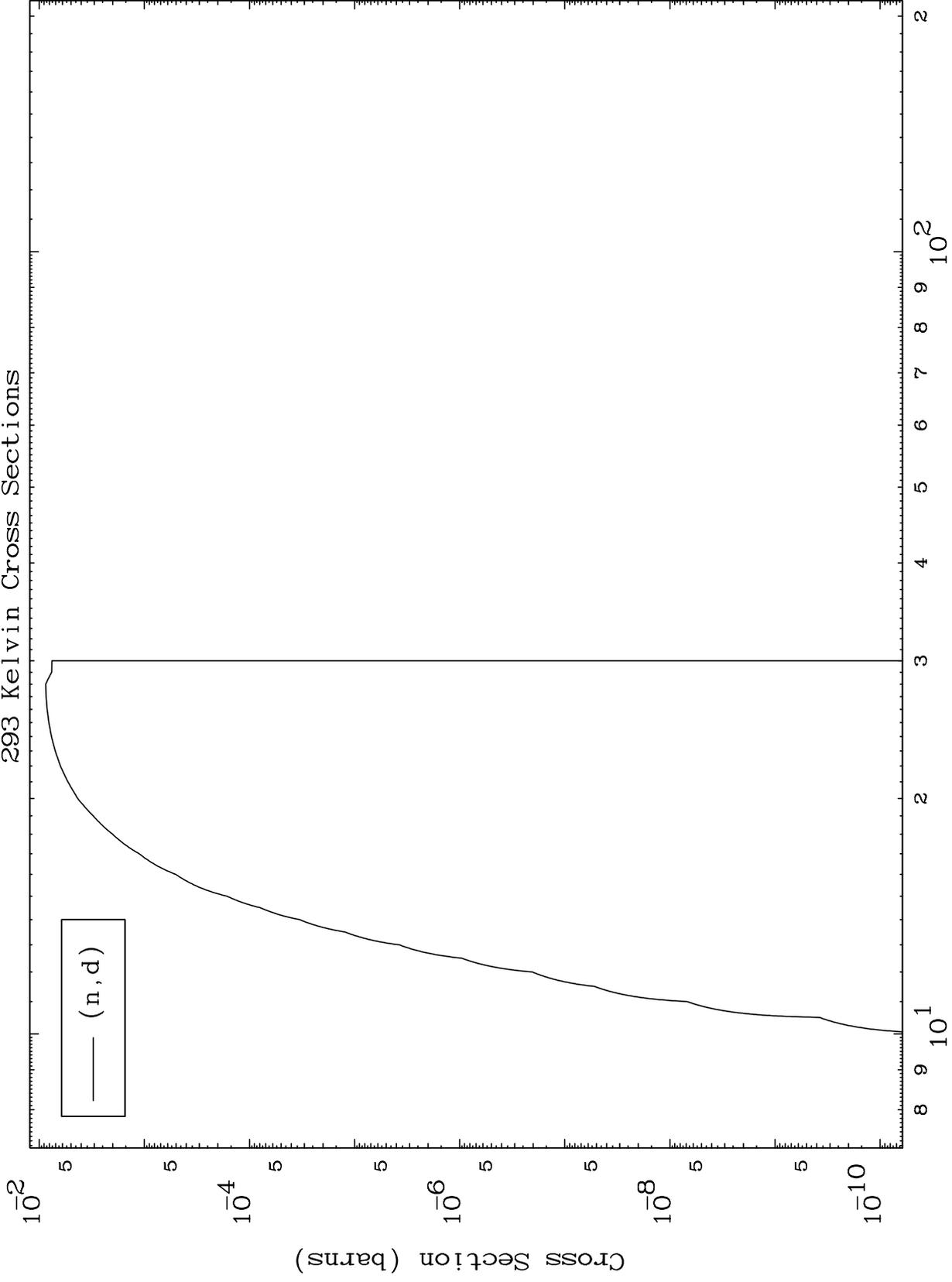
51-Sb-132



MAT 5158

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-132



10

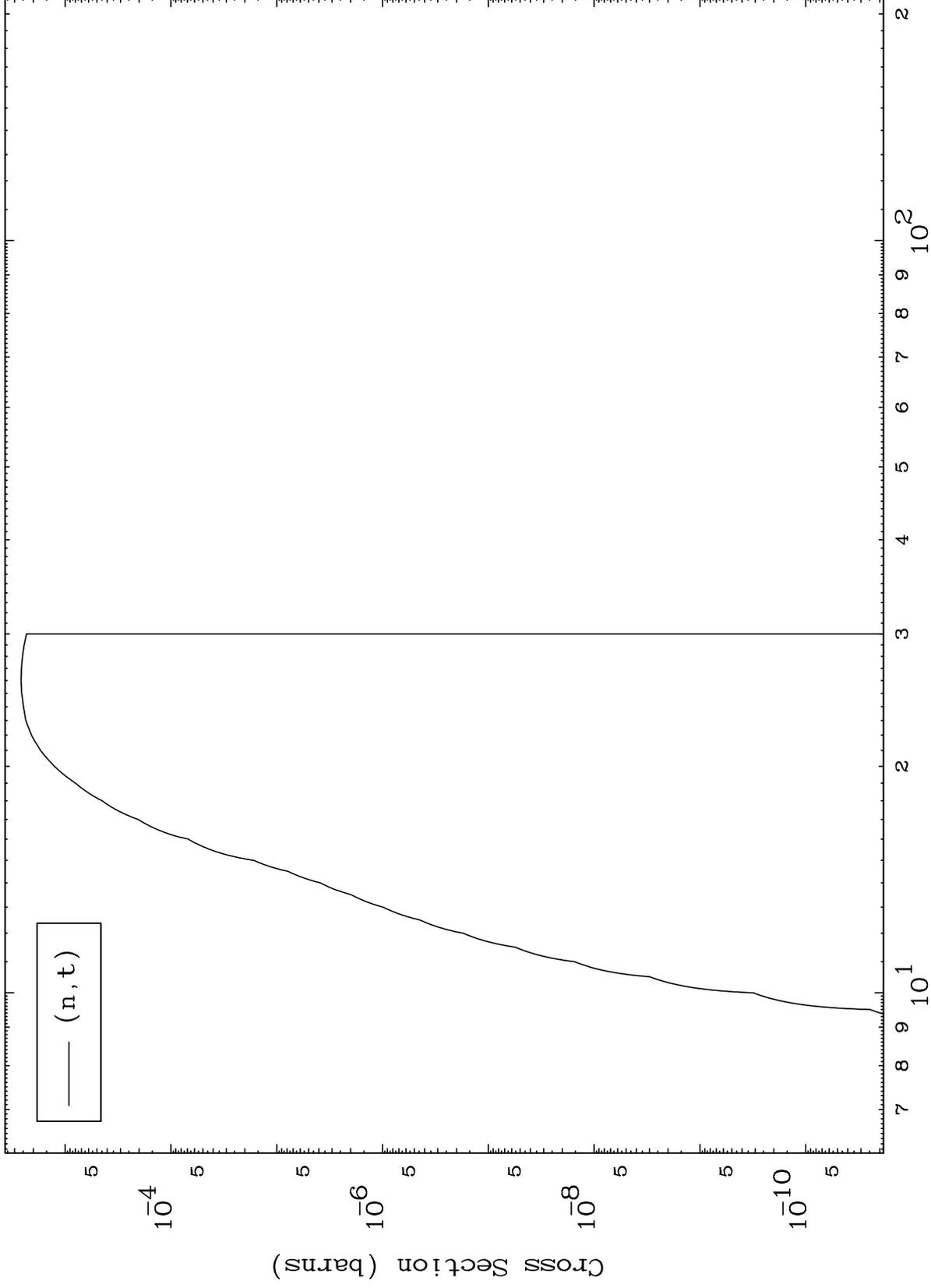
Incident Energy (MeV)

51-Sb-132

MAT 5158

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-132



11

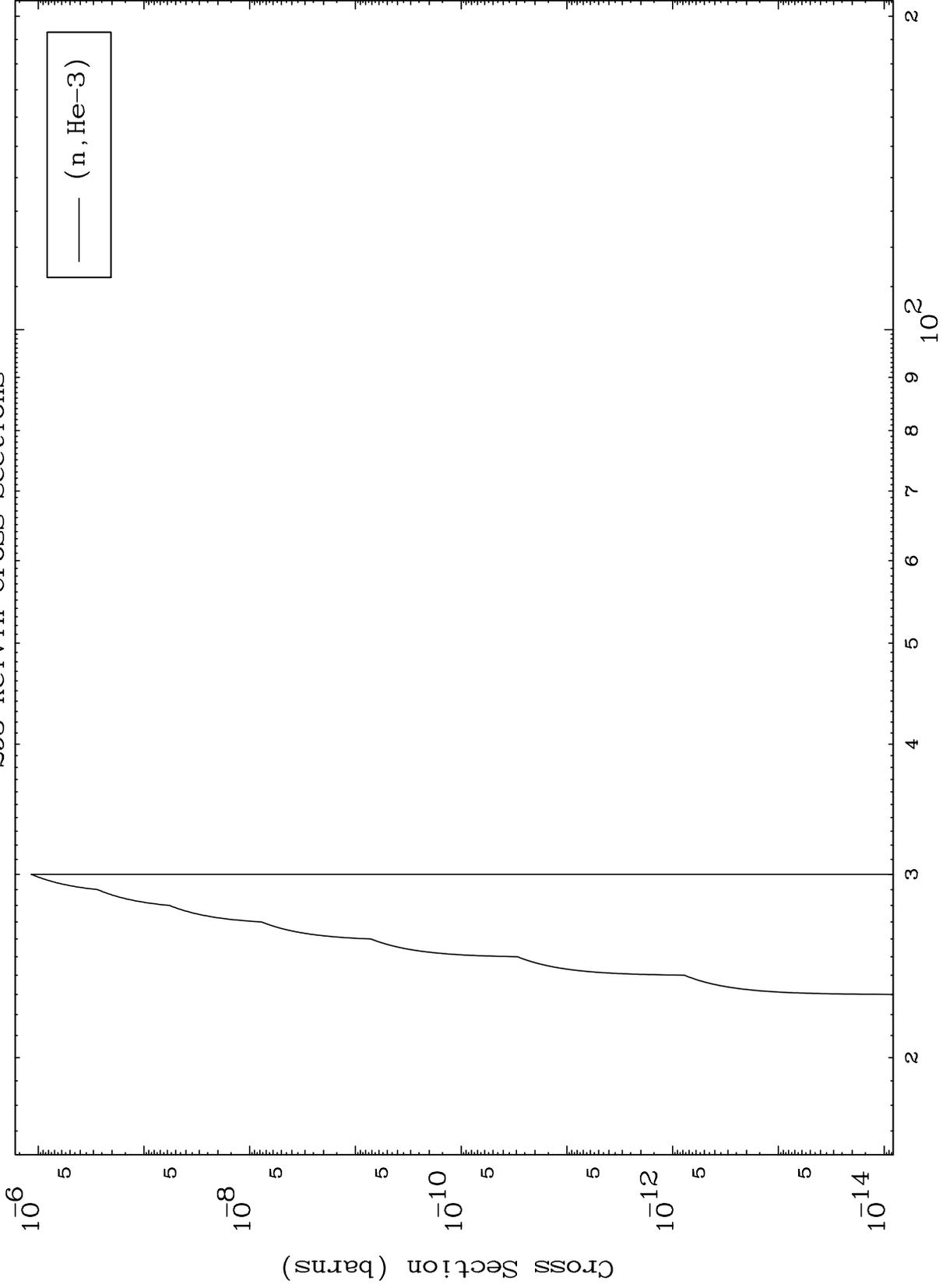
Incident Energy (MeV)

51-Sb-132

MAT 5158

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-132



12

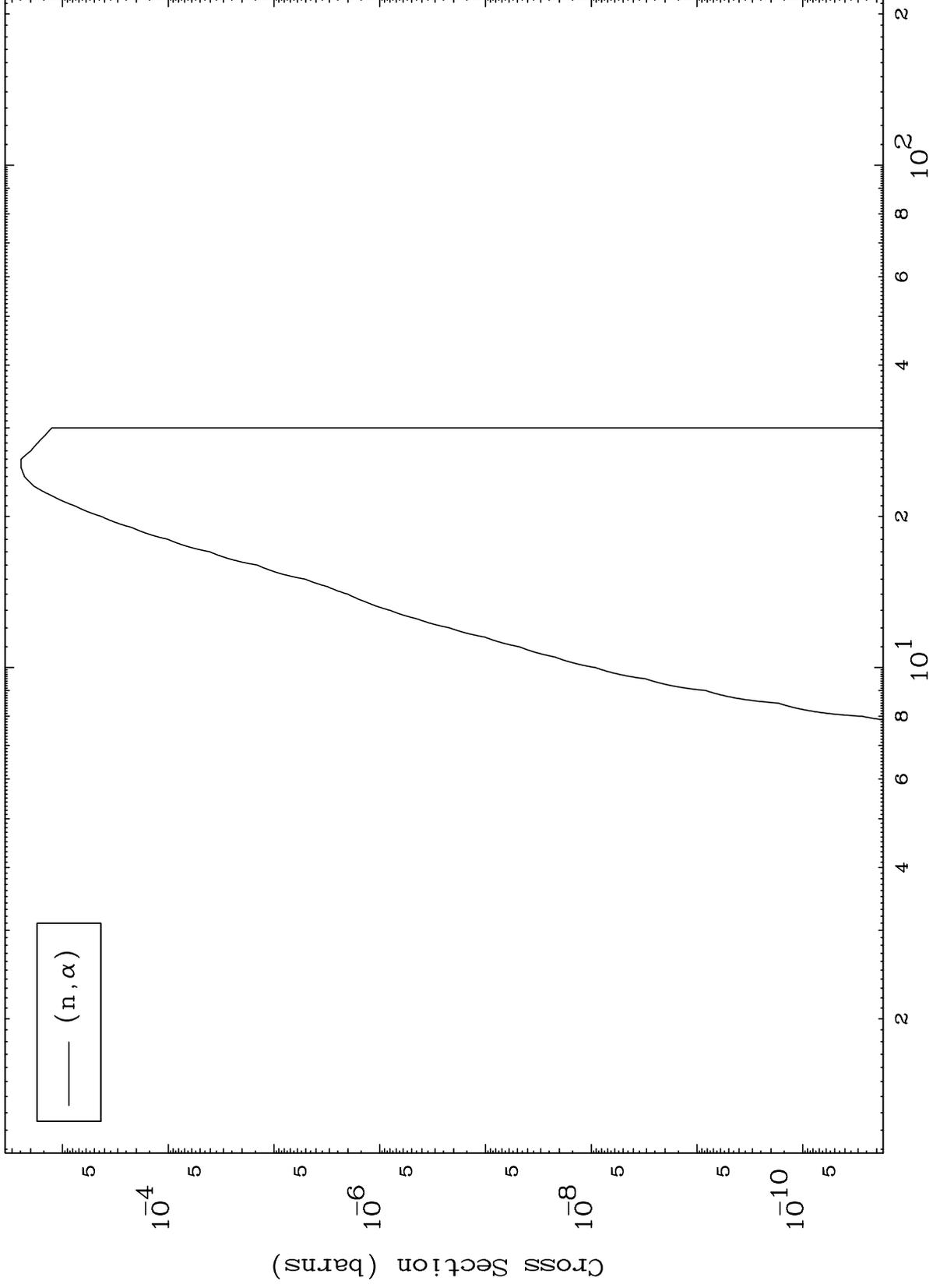
Incident Energy (MeV)

51-Sb-132

MAT 5158

(n, α) Levels
293 Kelvin Cross Sections

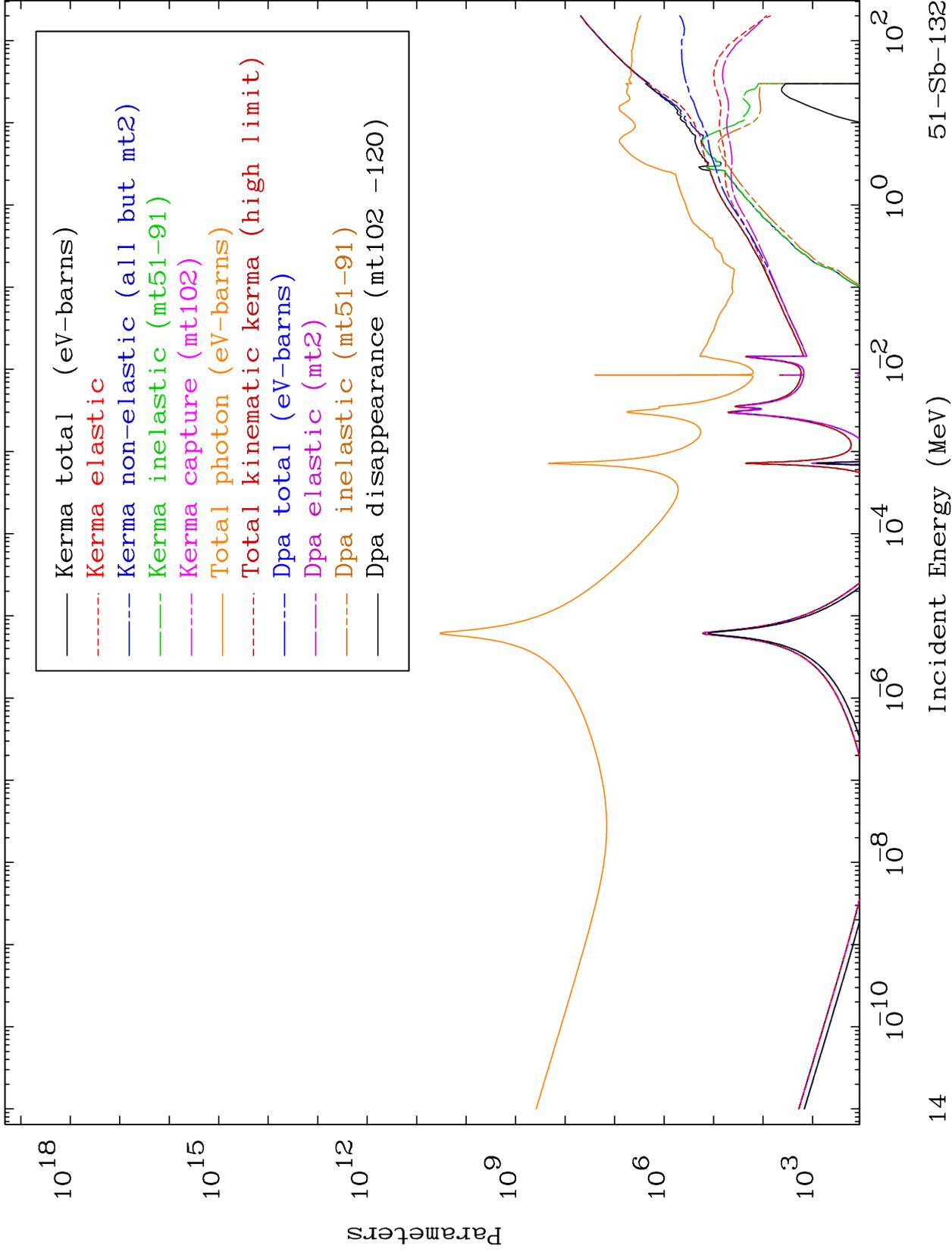
51-Sb-132



13

Incident Energy (MeV)

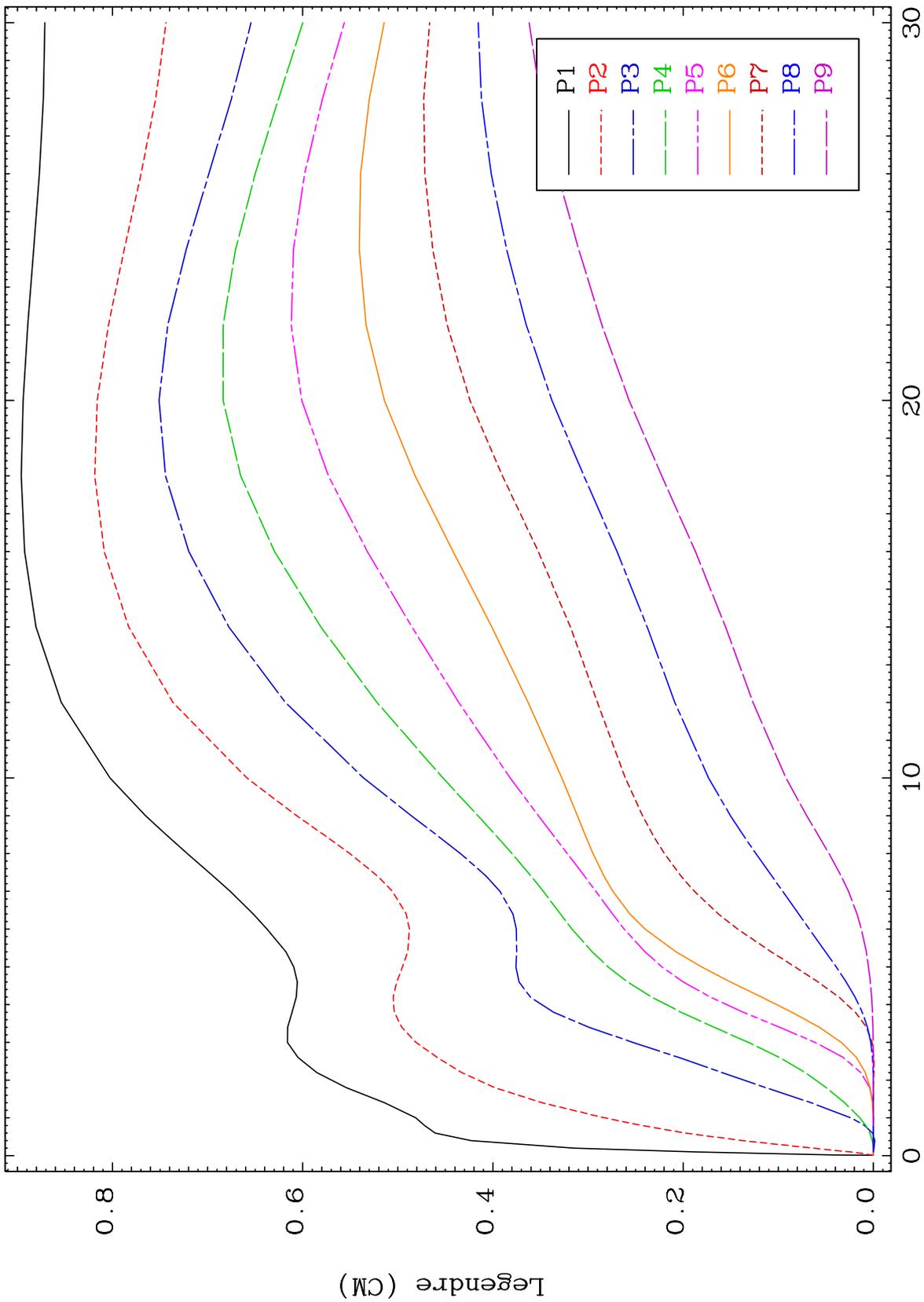
51-Sb-132



MAT 5158

51-Sb-132

Elastic Legendre Coefficients



15

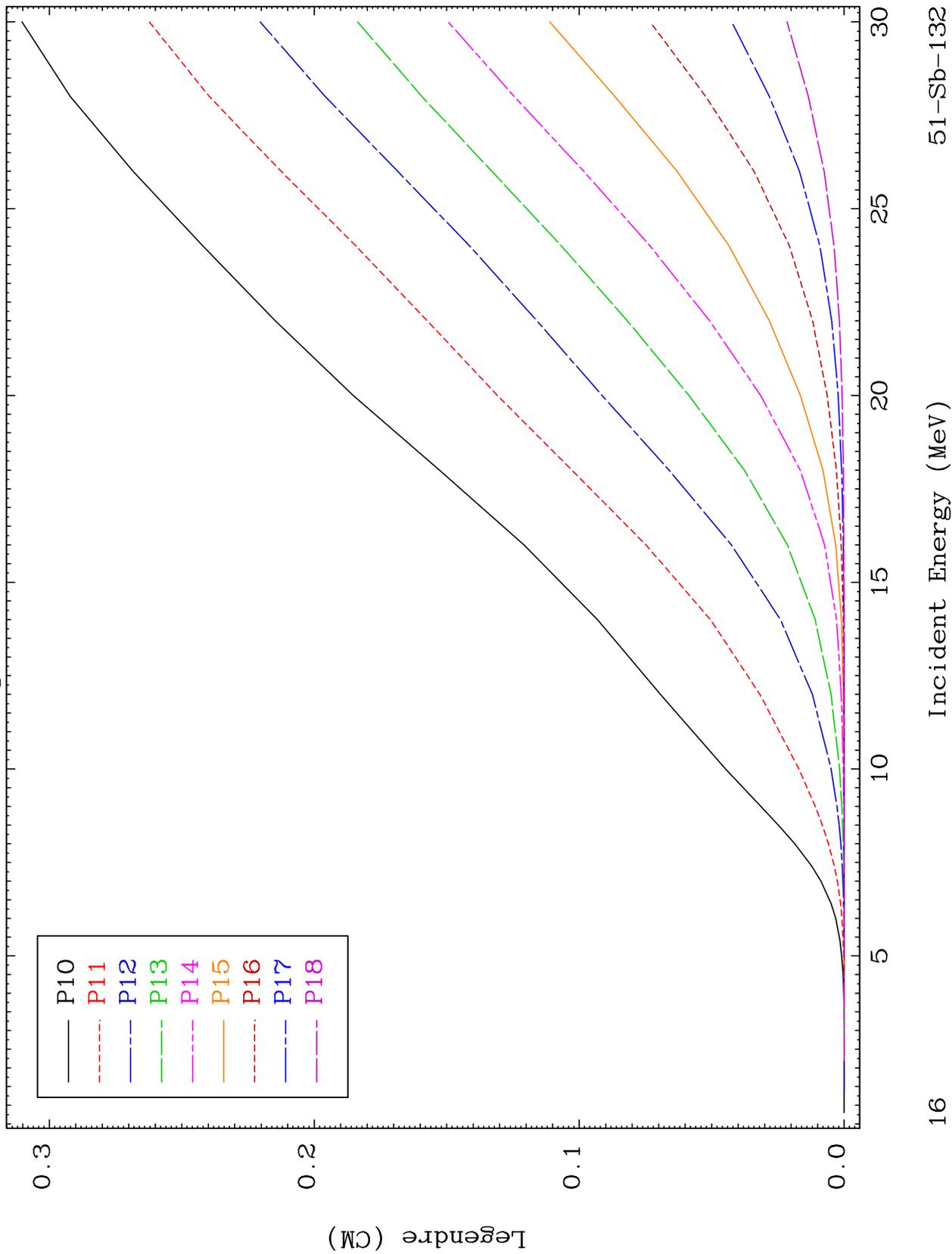
Incident Energy (MeV)

51-Sb-132

MAT 5158

Elastic Legendre Coefficients

51-Sb-132

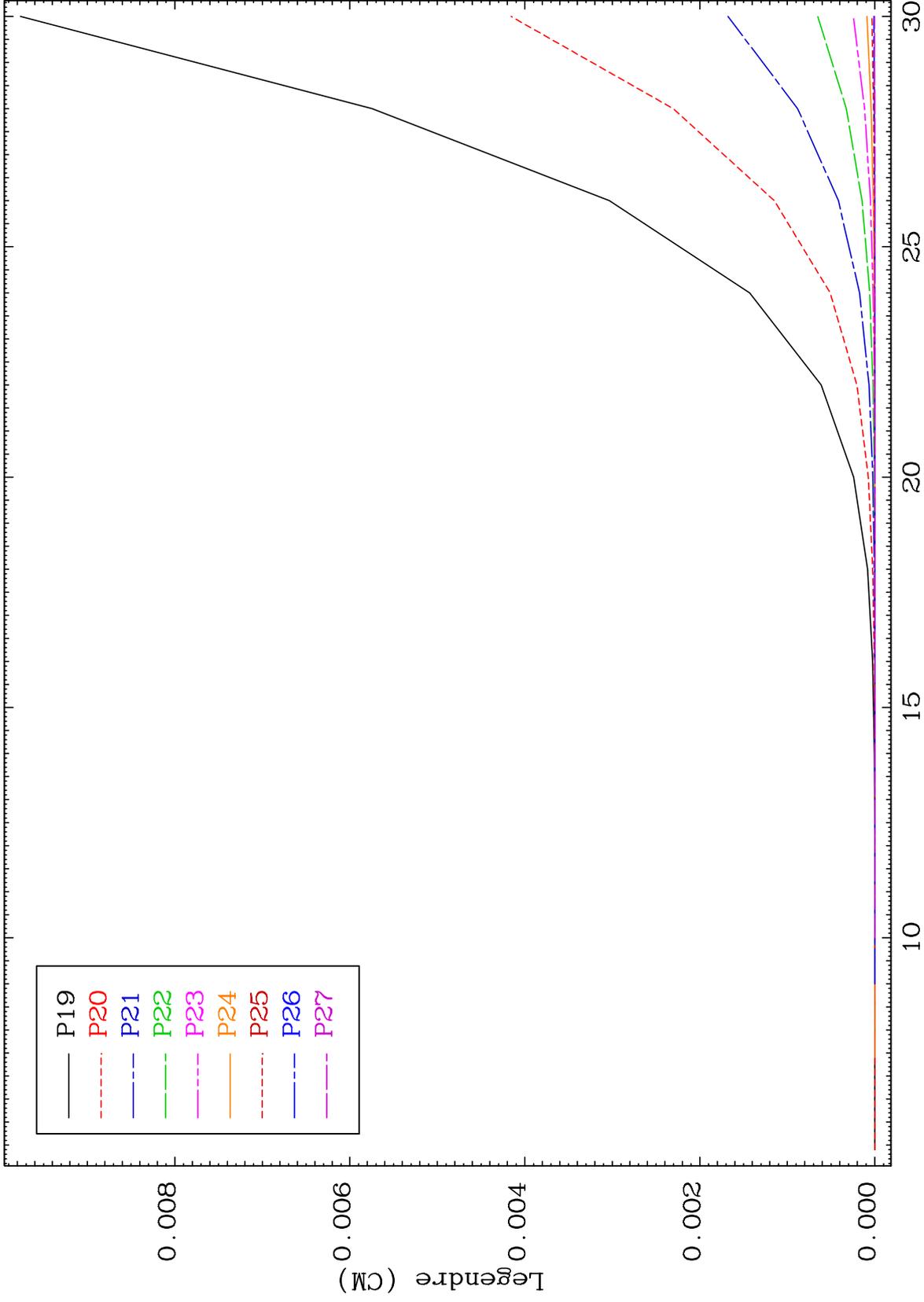


16

MAT 5158

Elastic Legendre Coefficients

51-Sb-132



17

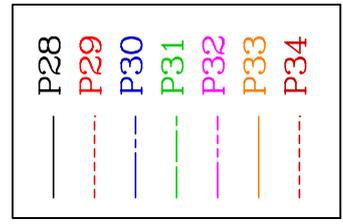
Incident Energy (MeV)

51-Sb-132

MAT 5158

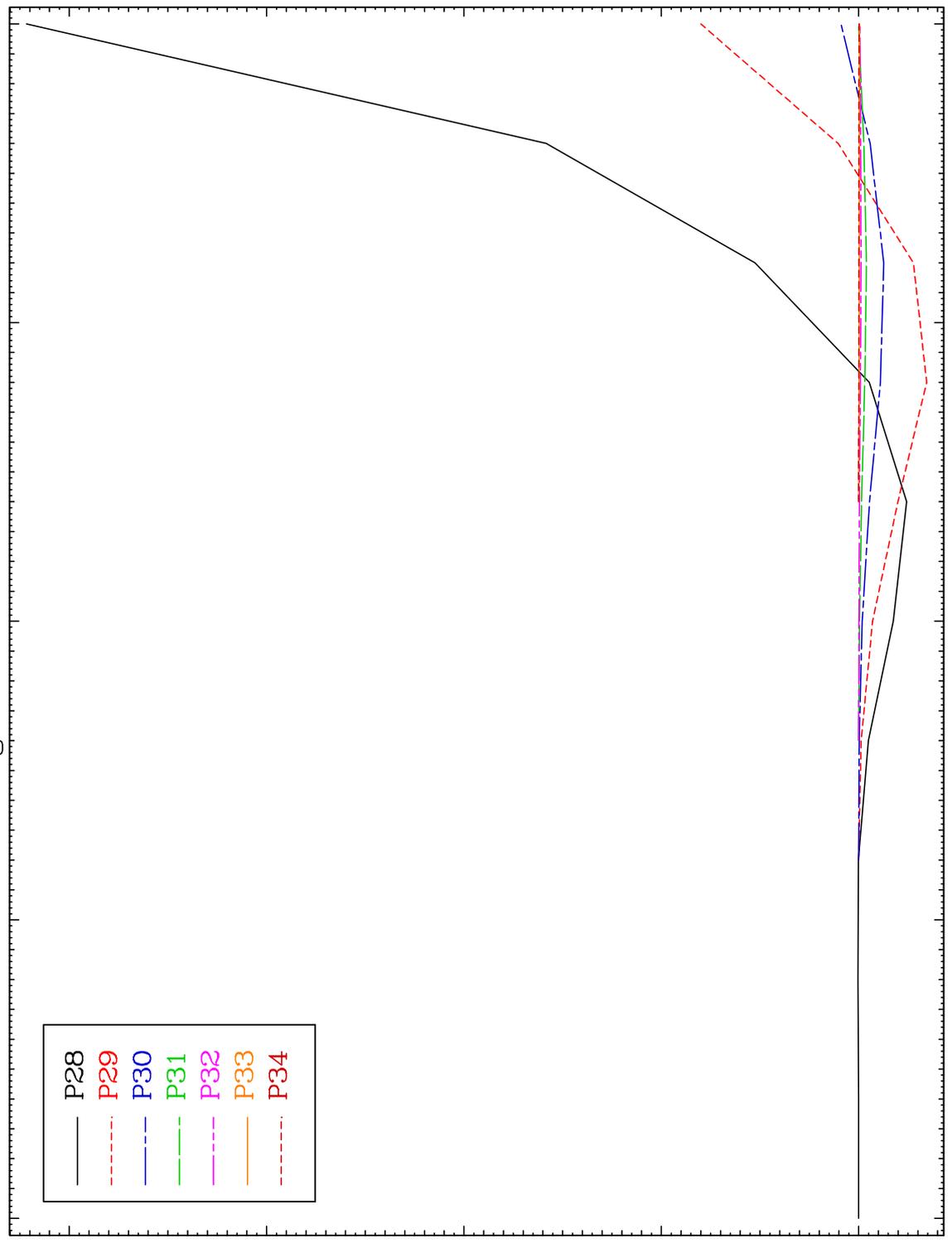
Elastic Legendre Coefficients

51-Sb-132



$\times 10^{-78}$

Legendre (CM)



30

25

20

15

10

Incident Energy (MeV)

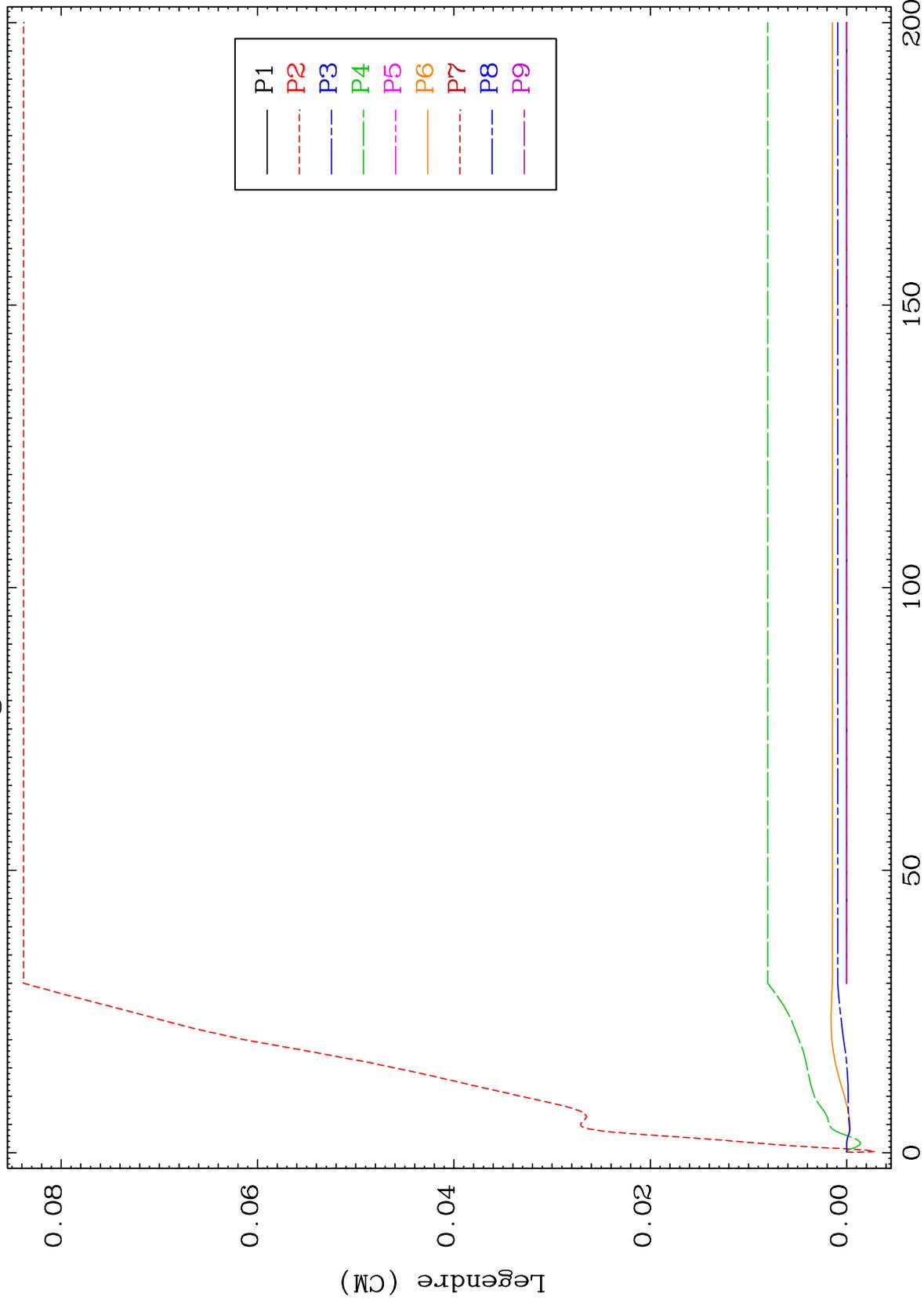
51-Sb-132

18

MAT 5158

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

51-Sb-132



19

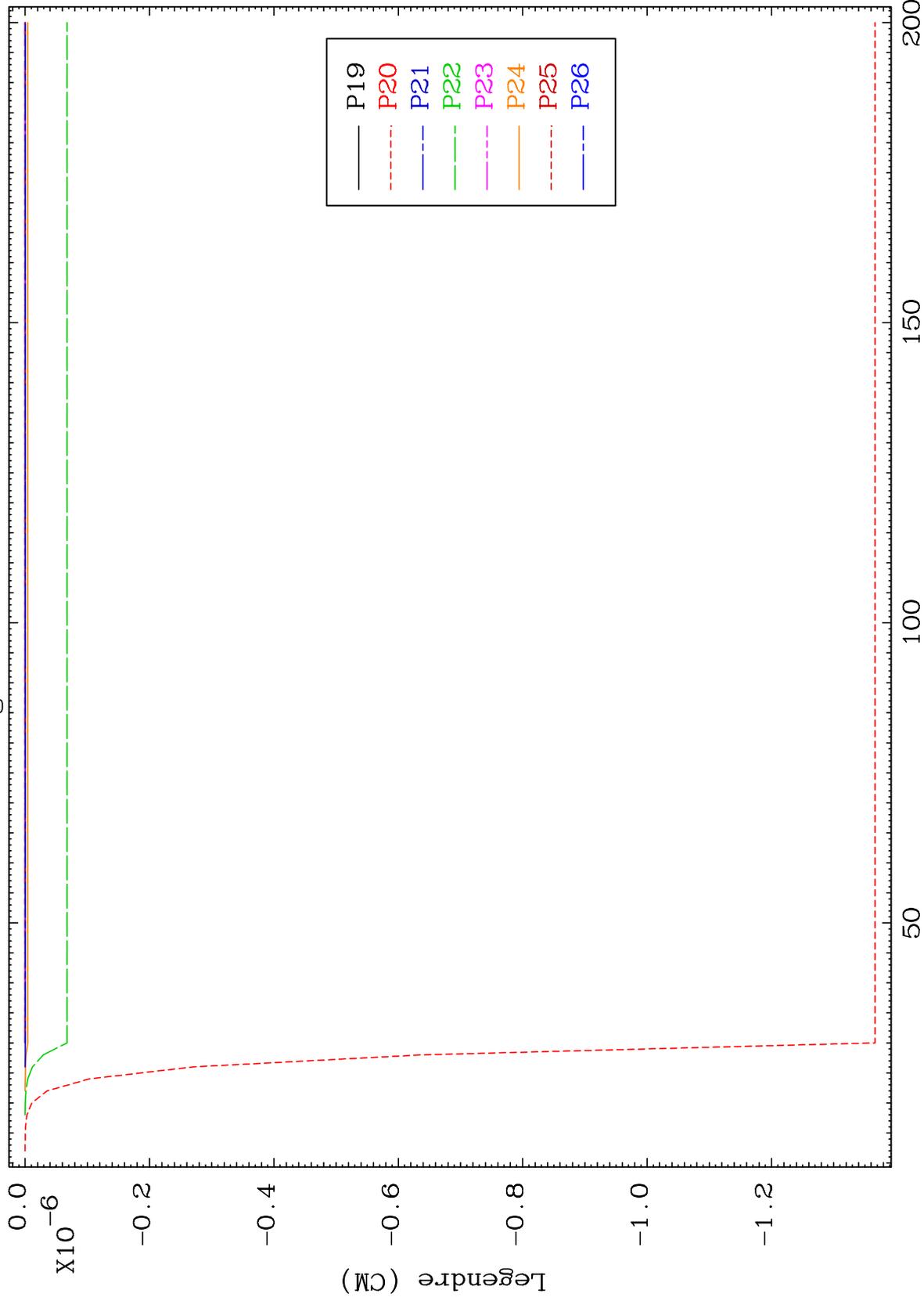
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



21

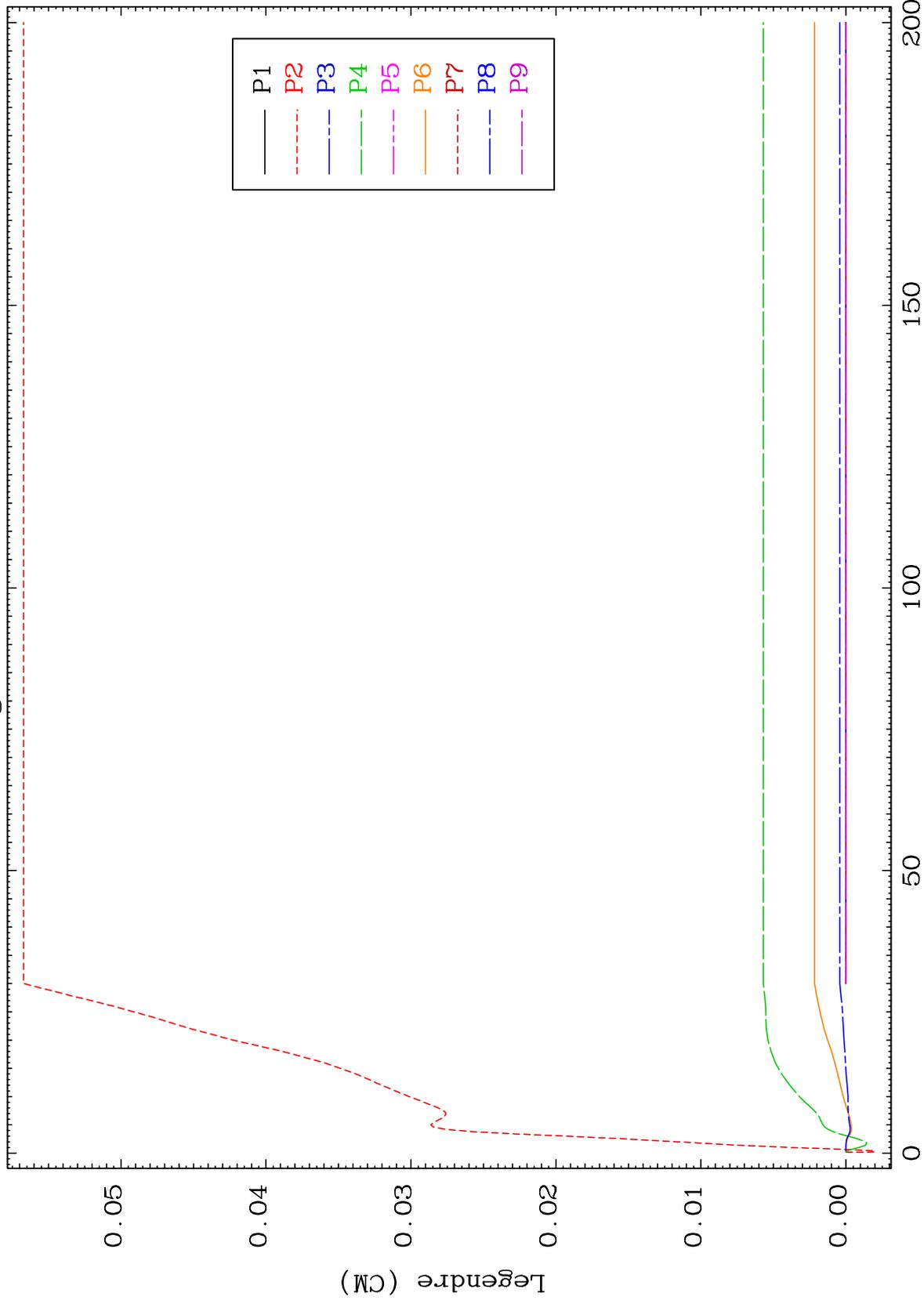
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

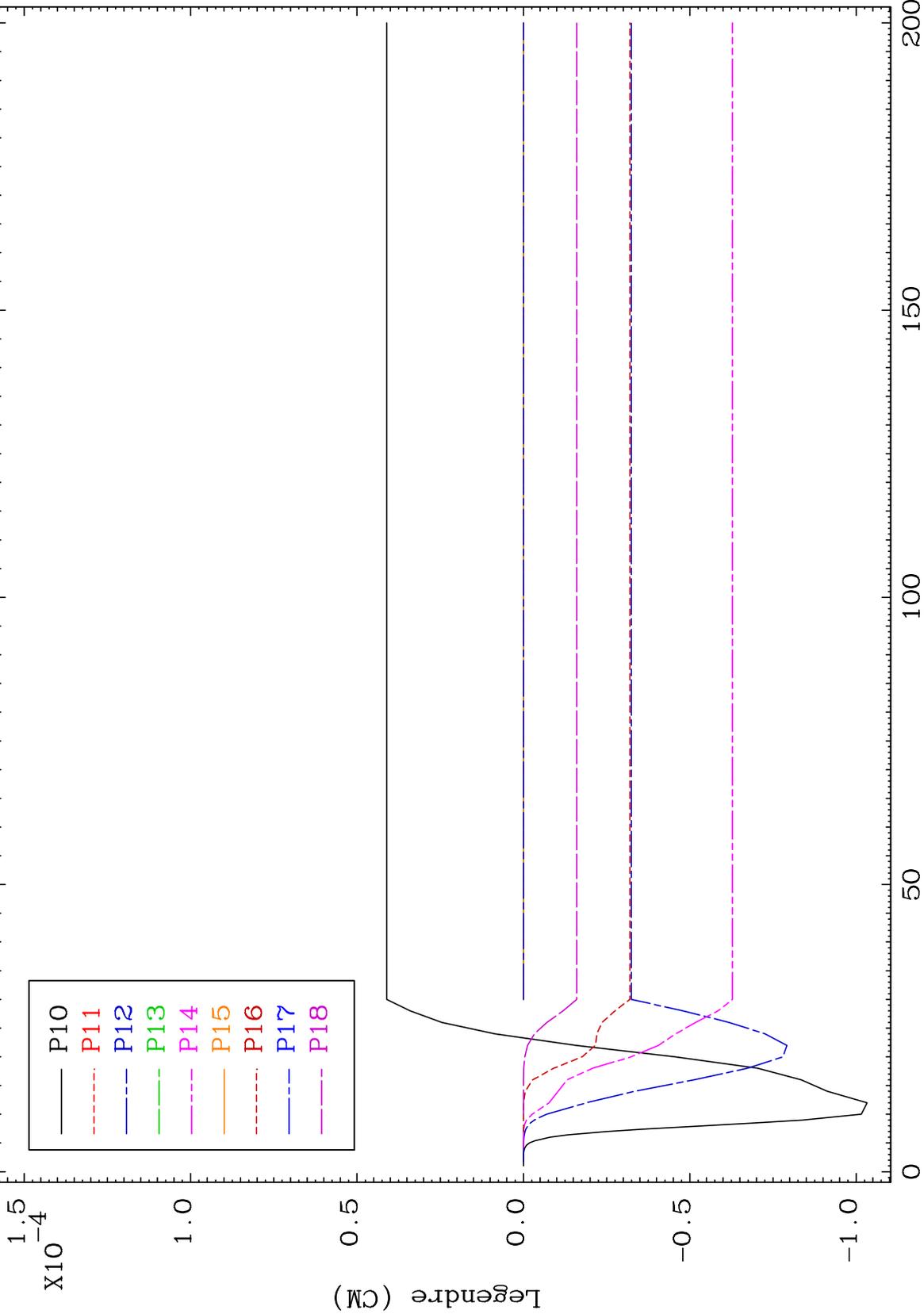
51-Sb-132



22

Incident Energy (MeV)

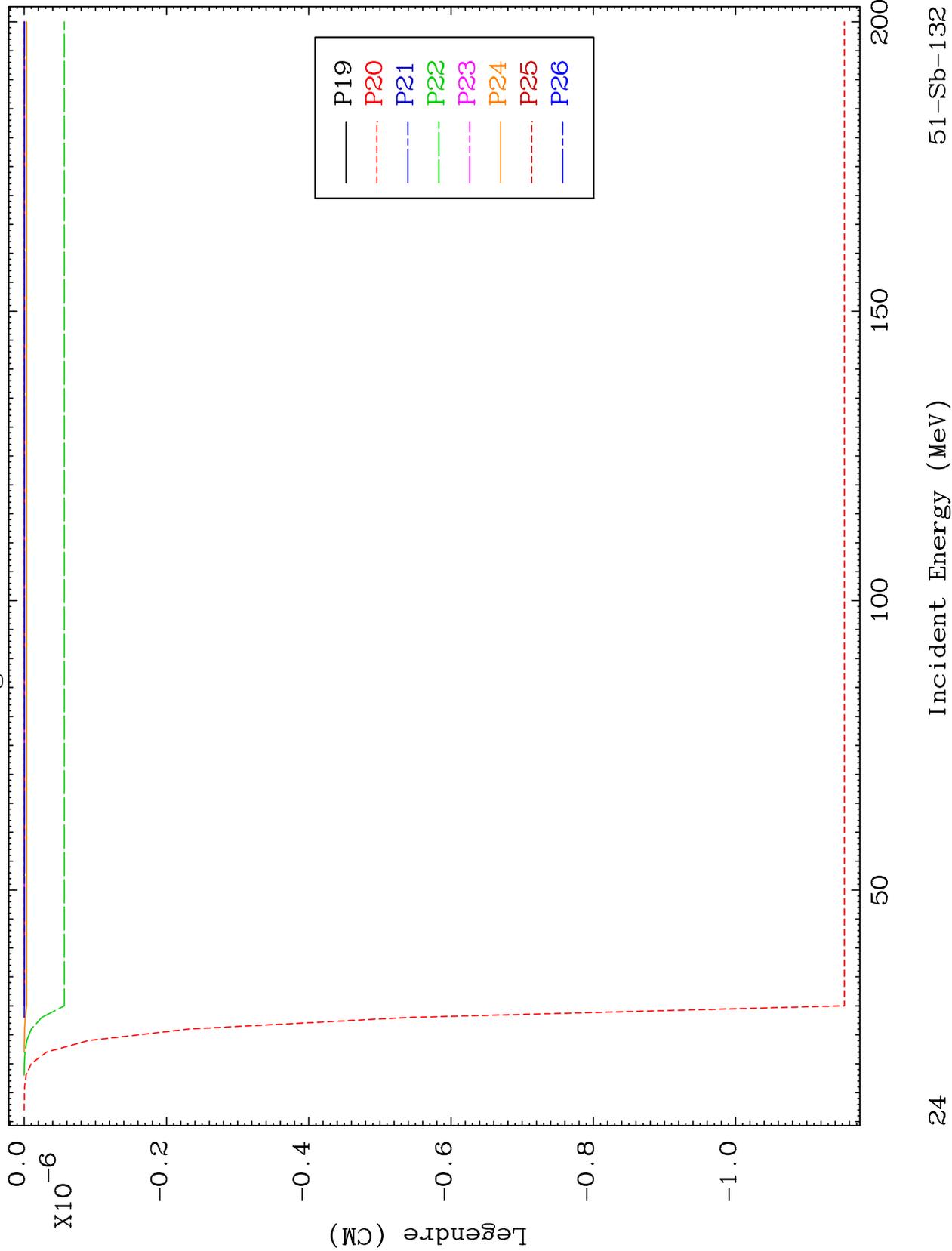
51-Sb-132



MAT 5158

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

51-Sb-132



24

Incident Energy (MeV)

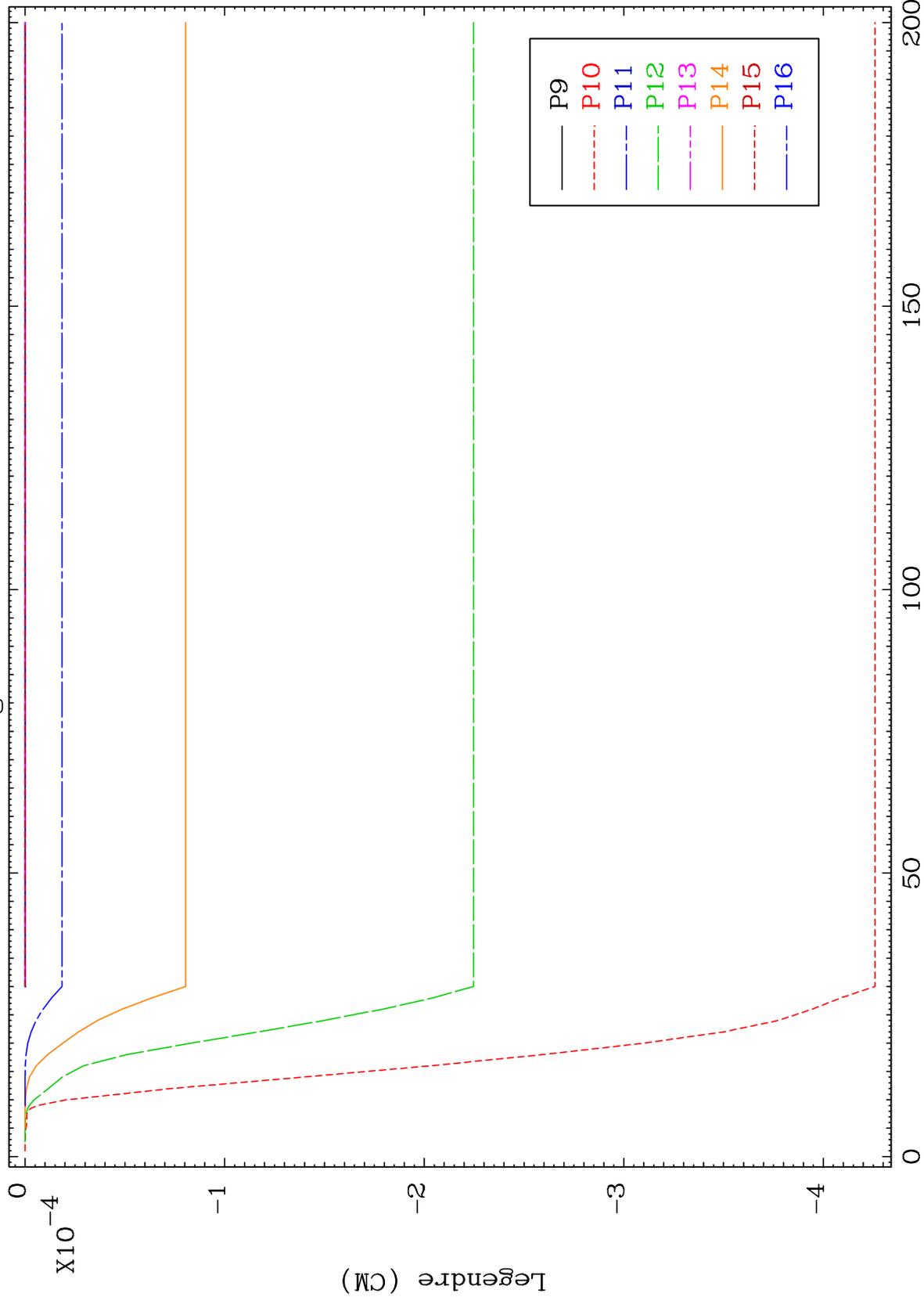
51-Sb-132

MAT 5158

MT= 53 (n,n') Level

51-Sb-132

Legendre Coefficients



26

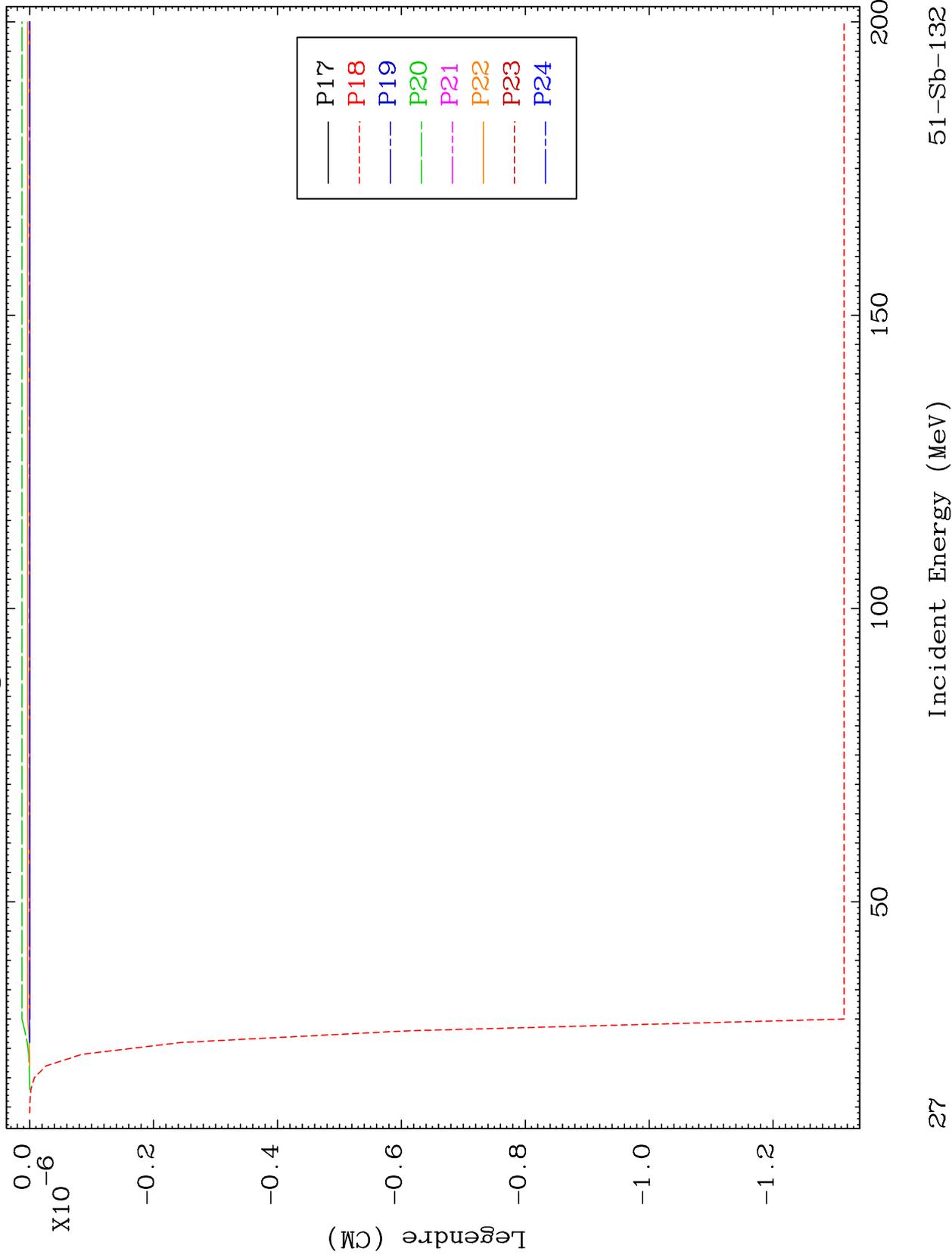
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



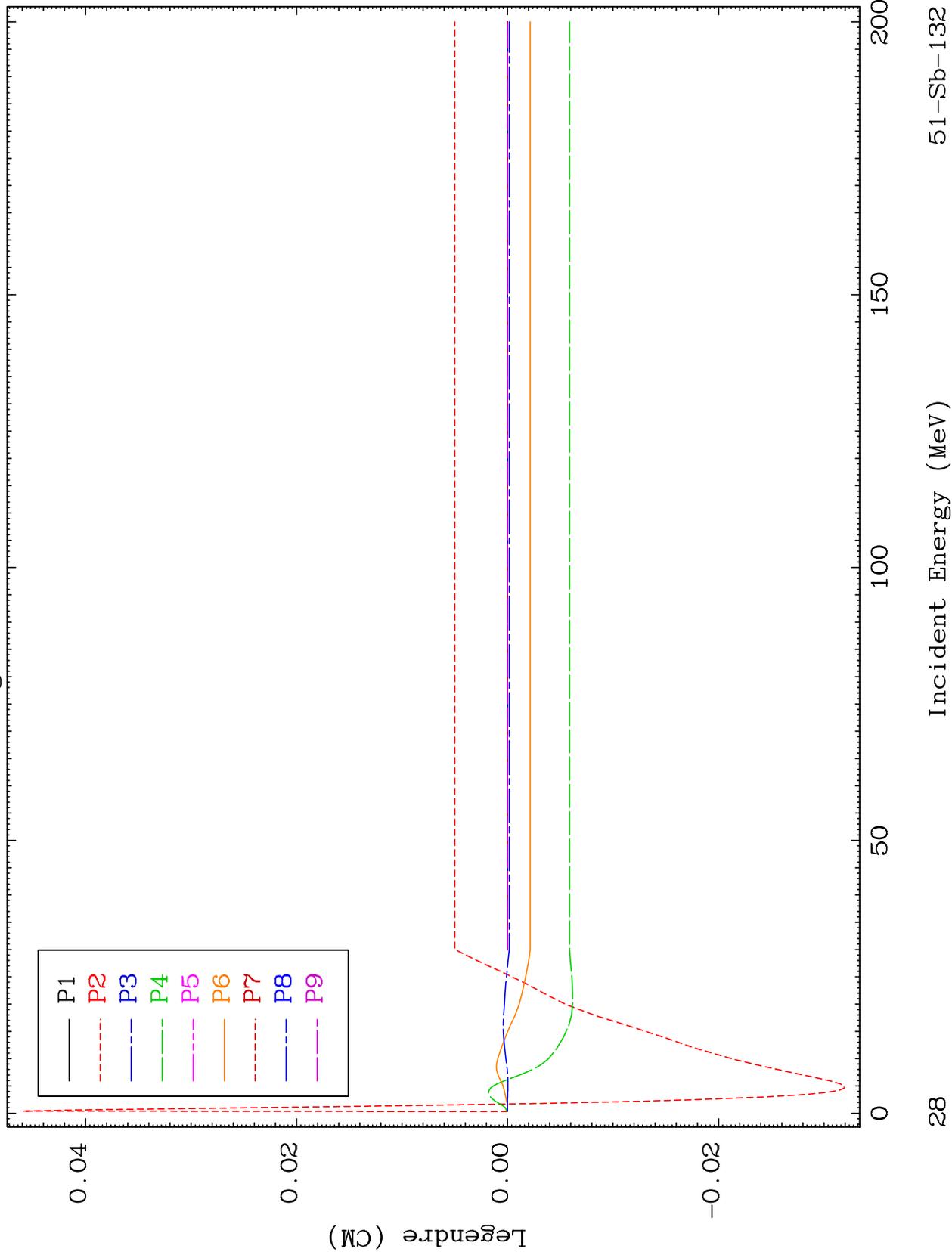
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51-Sb-132

MAT 5158

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

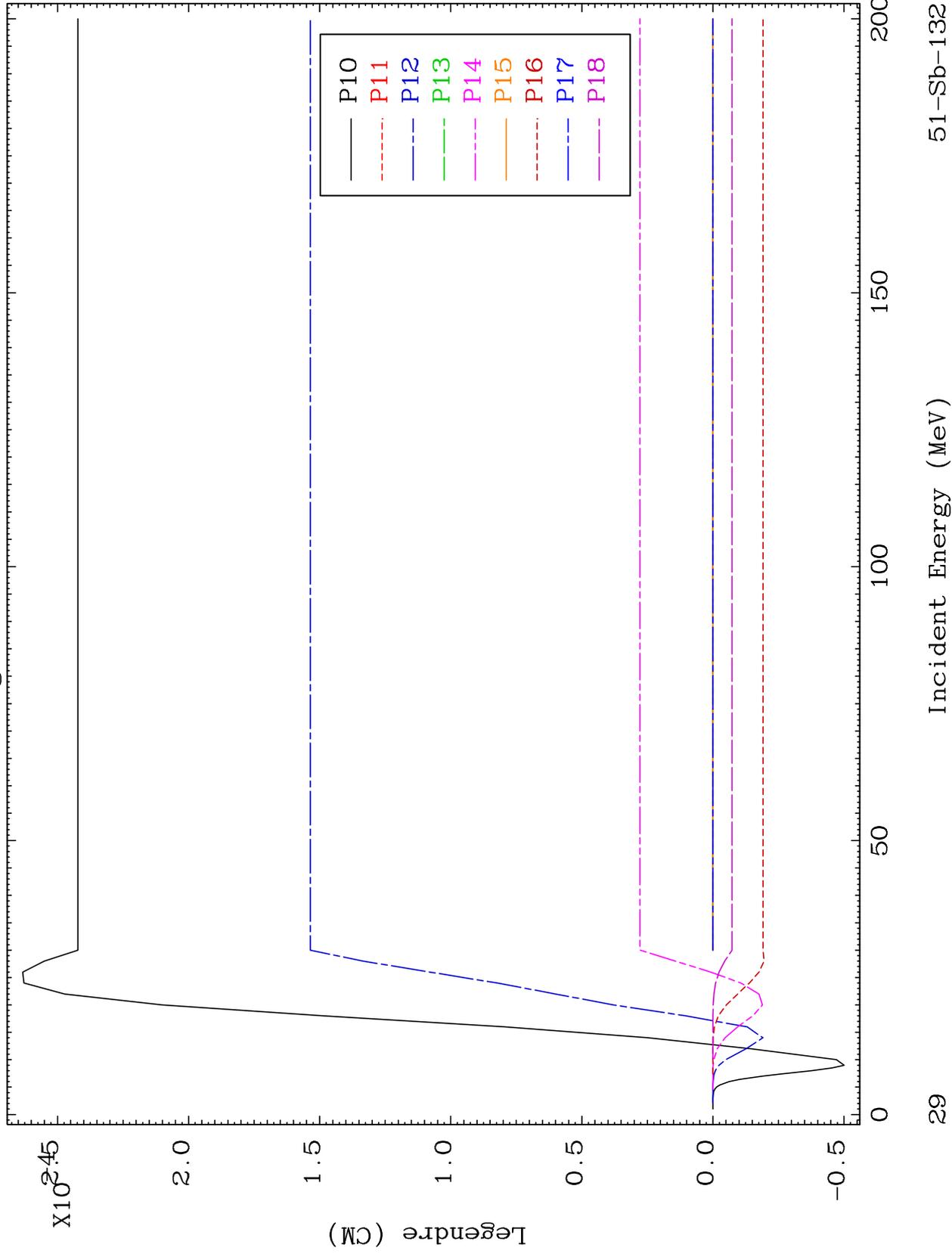
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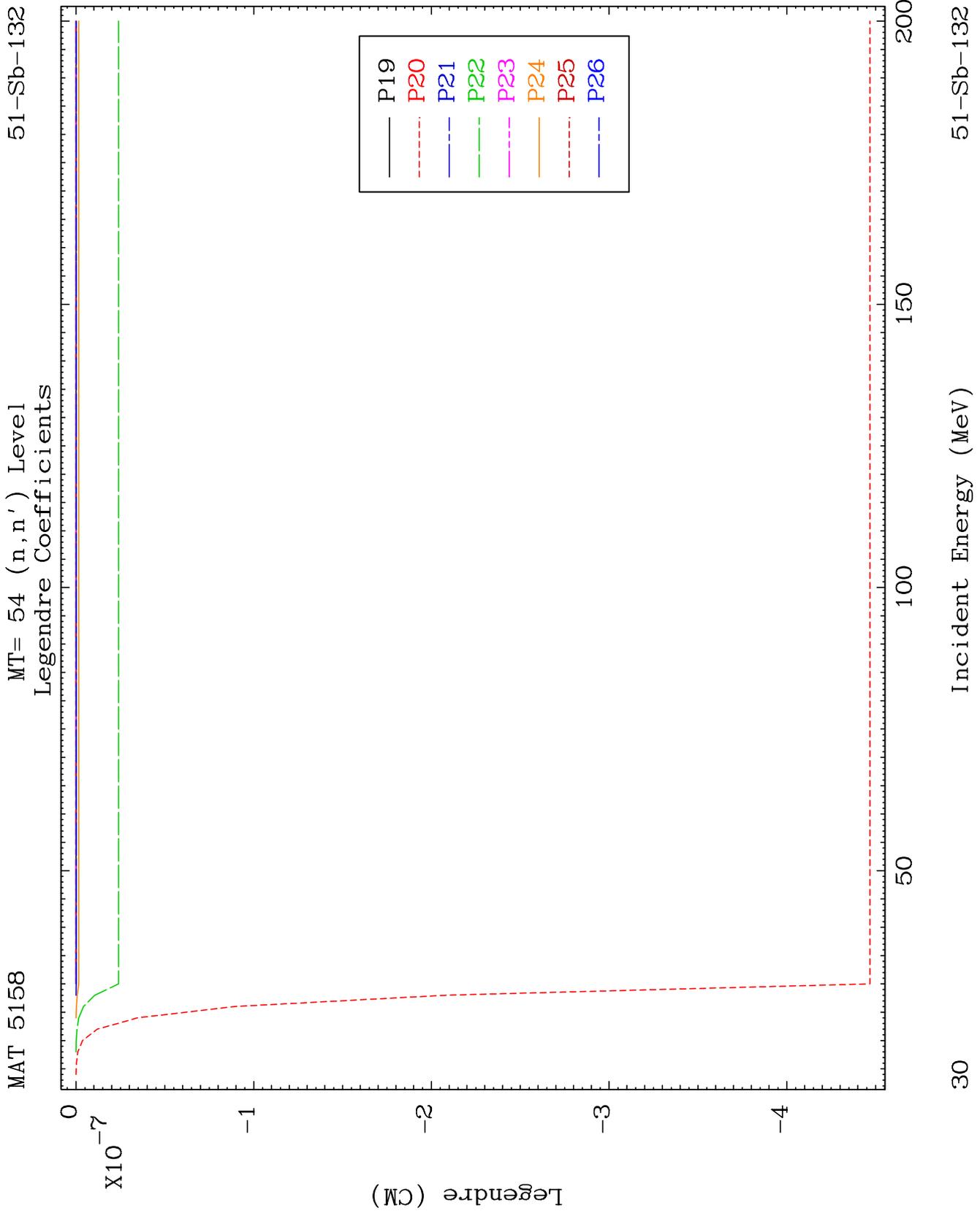


51-Sb-132

Incident Energy (MeV)

28

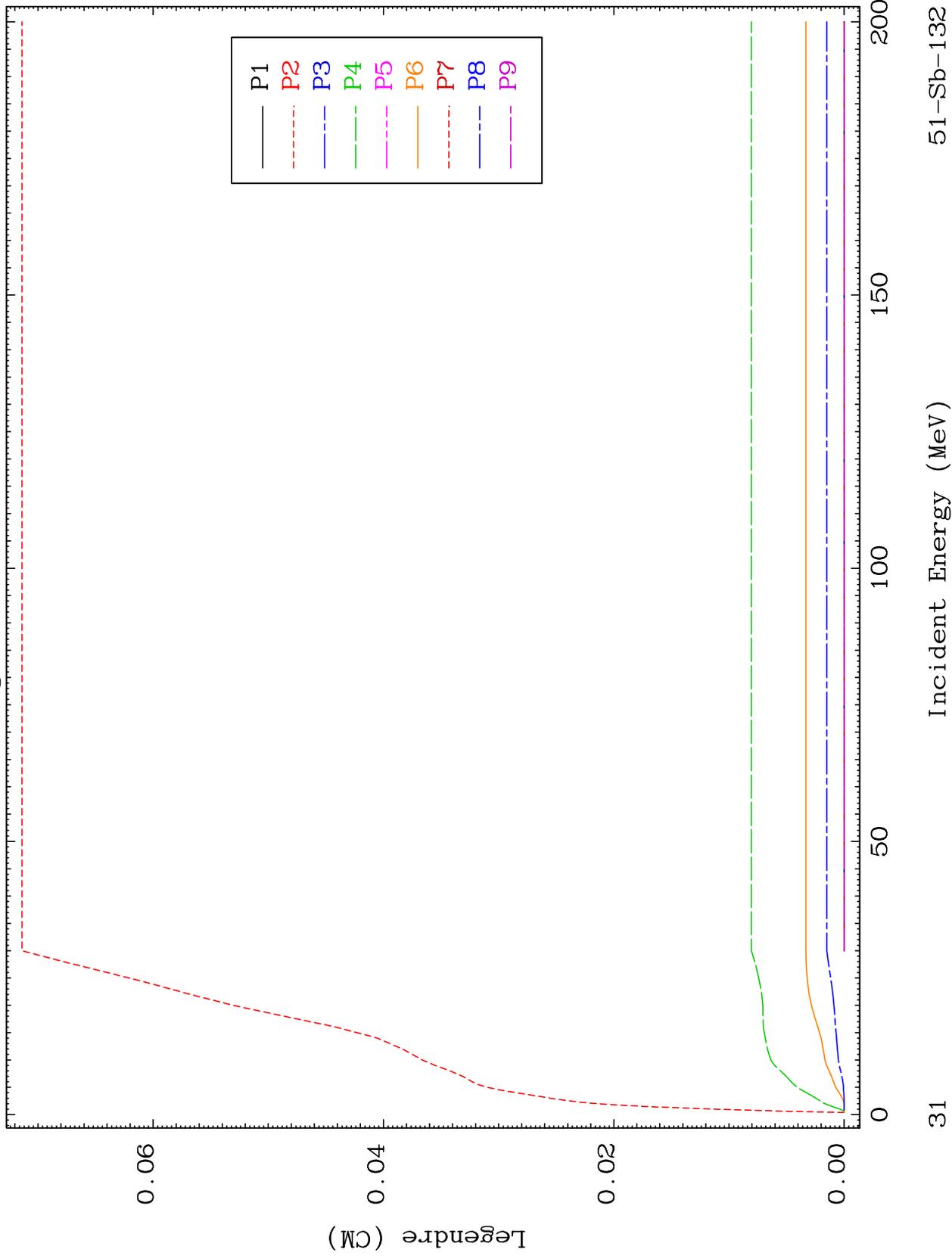




MAT 5158

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

51-Sb-132



31

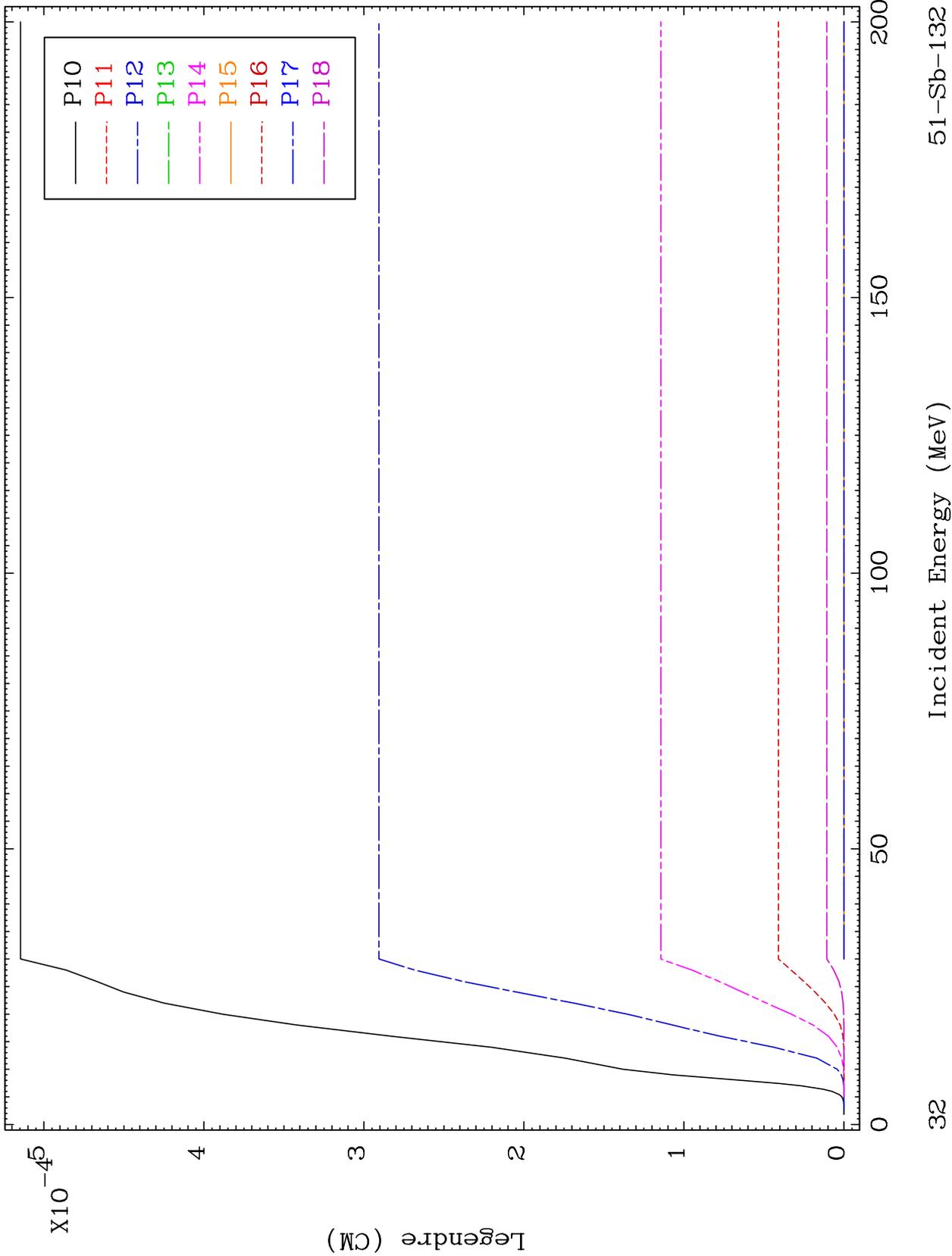
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



51-Sb-132

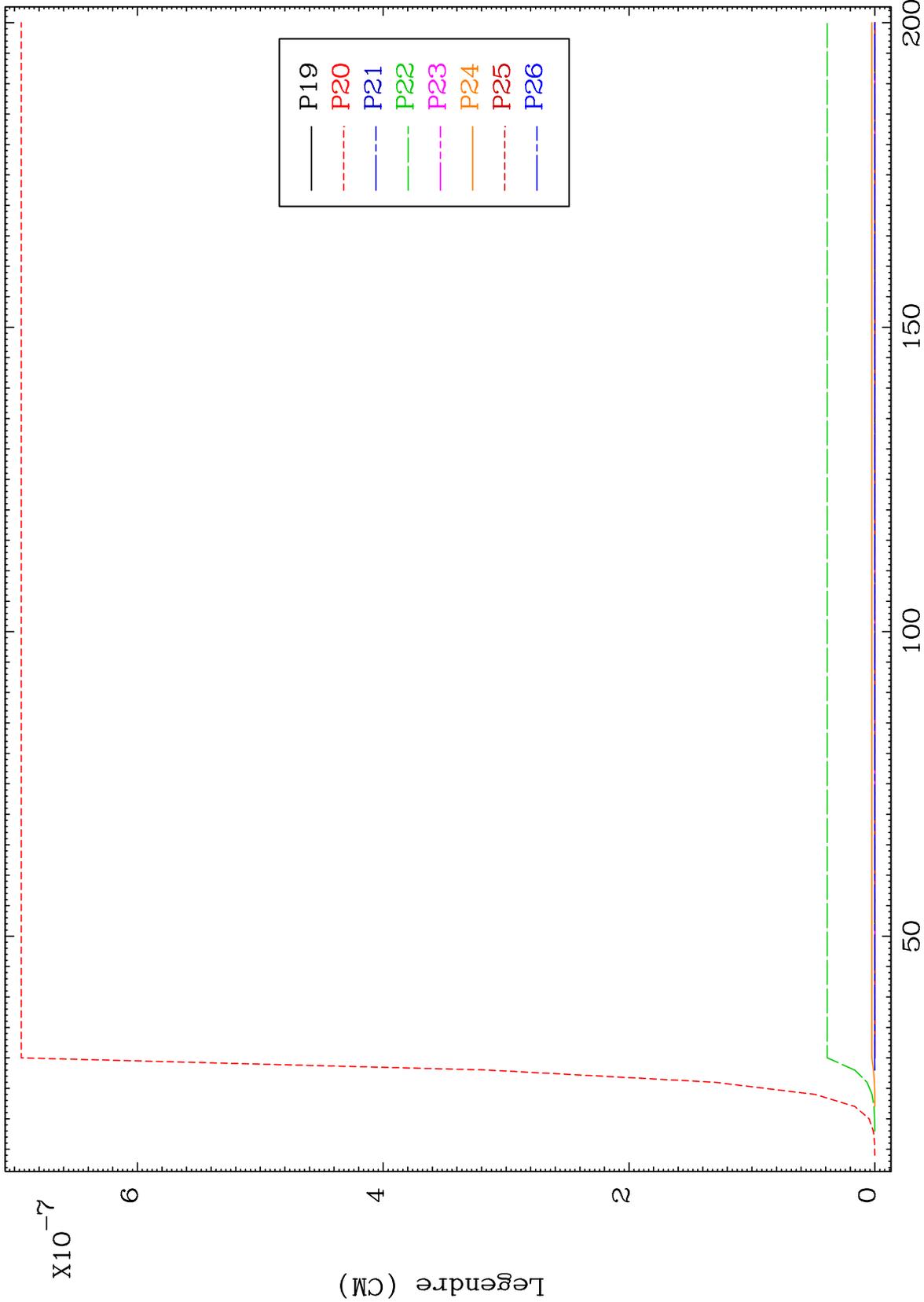
Incident Energy (MeV)

32

MAT 5158

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

51-Sb-132



33

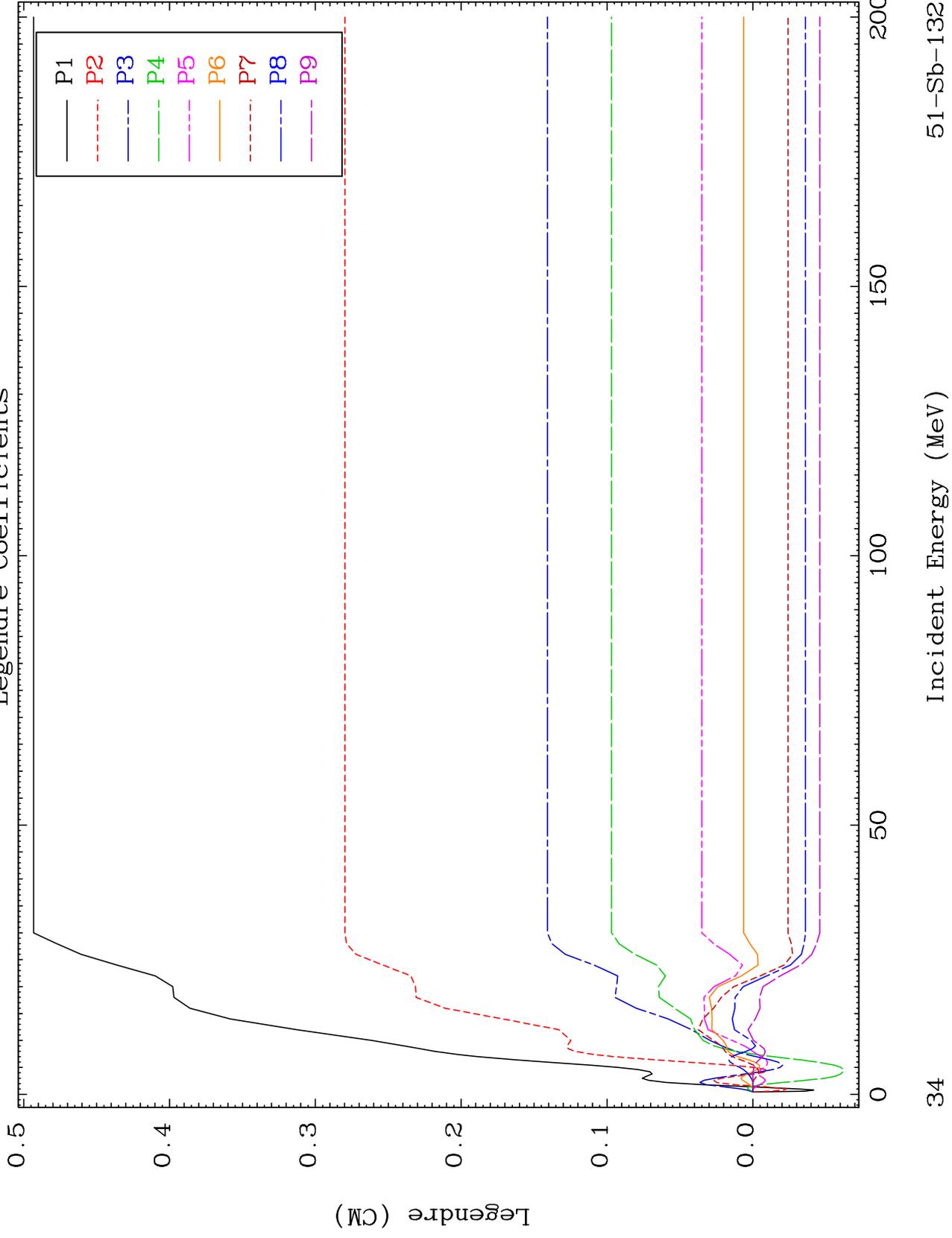
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



51-Sb-132

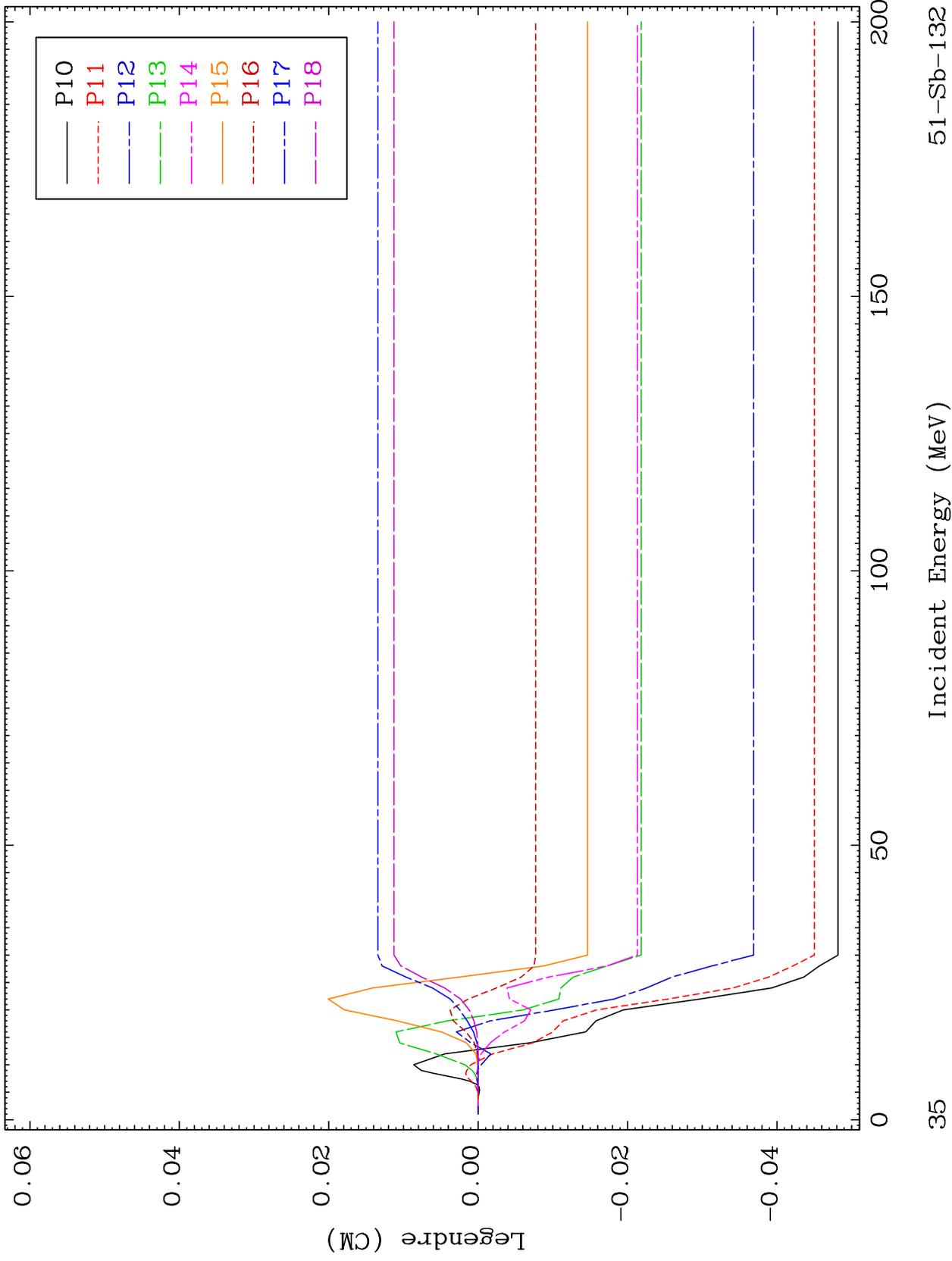
Incident Energy (MeV)

34

MAT 5158

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

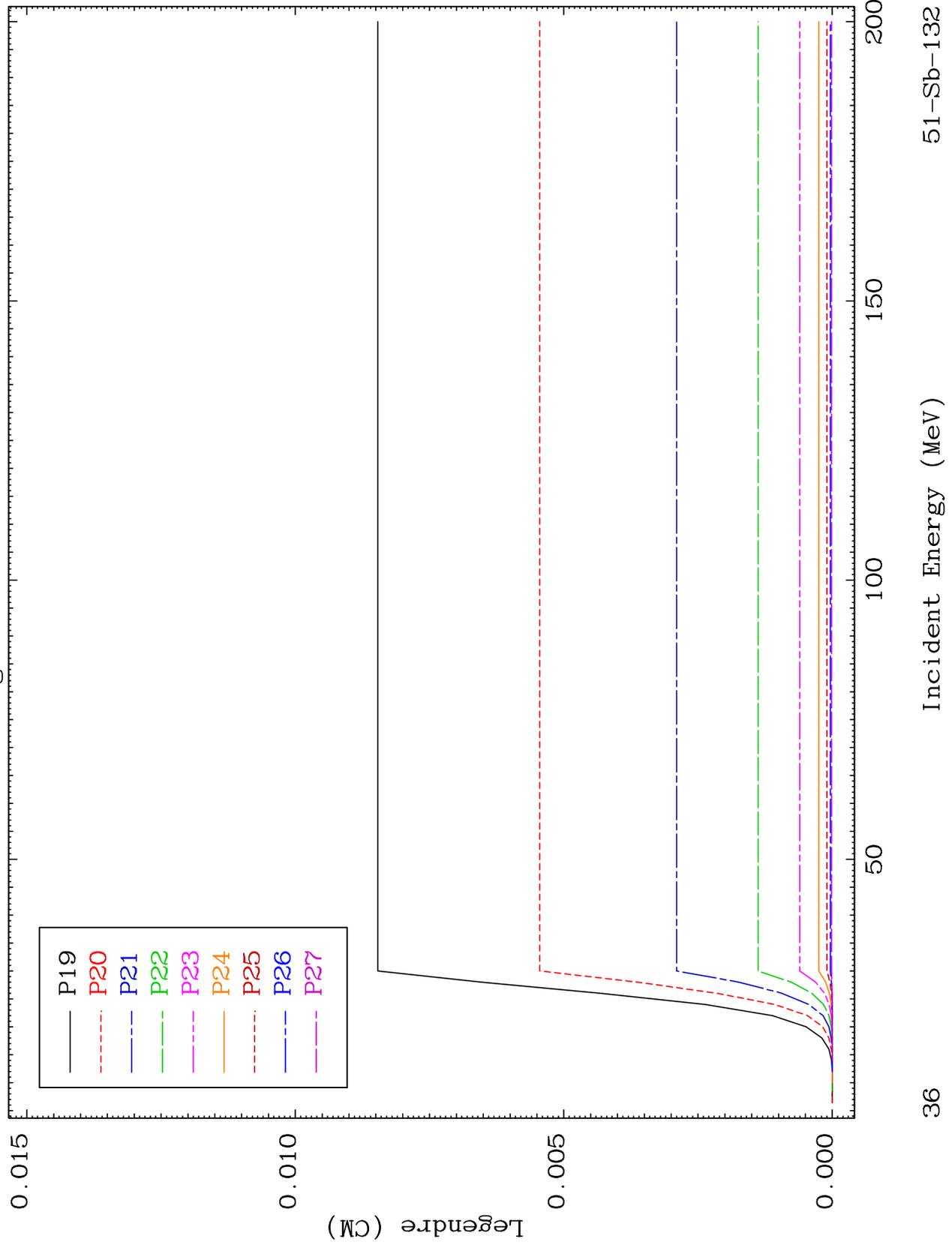
51-Sb-132



51-Sb-132

Incident Energy (MeV)

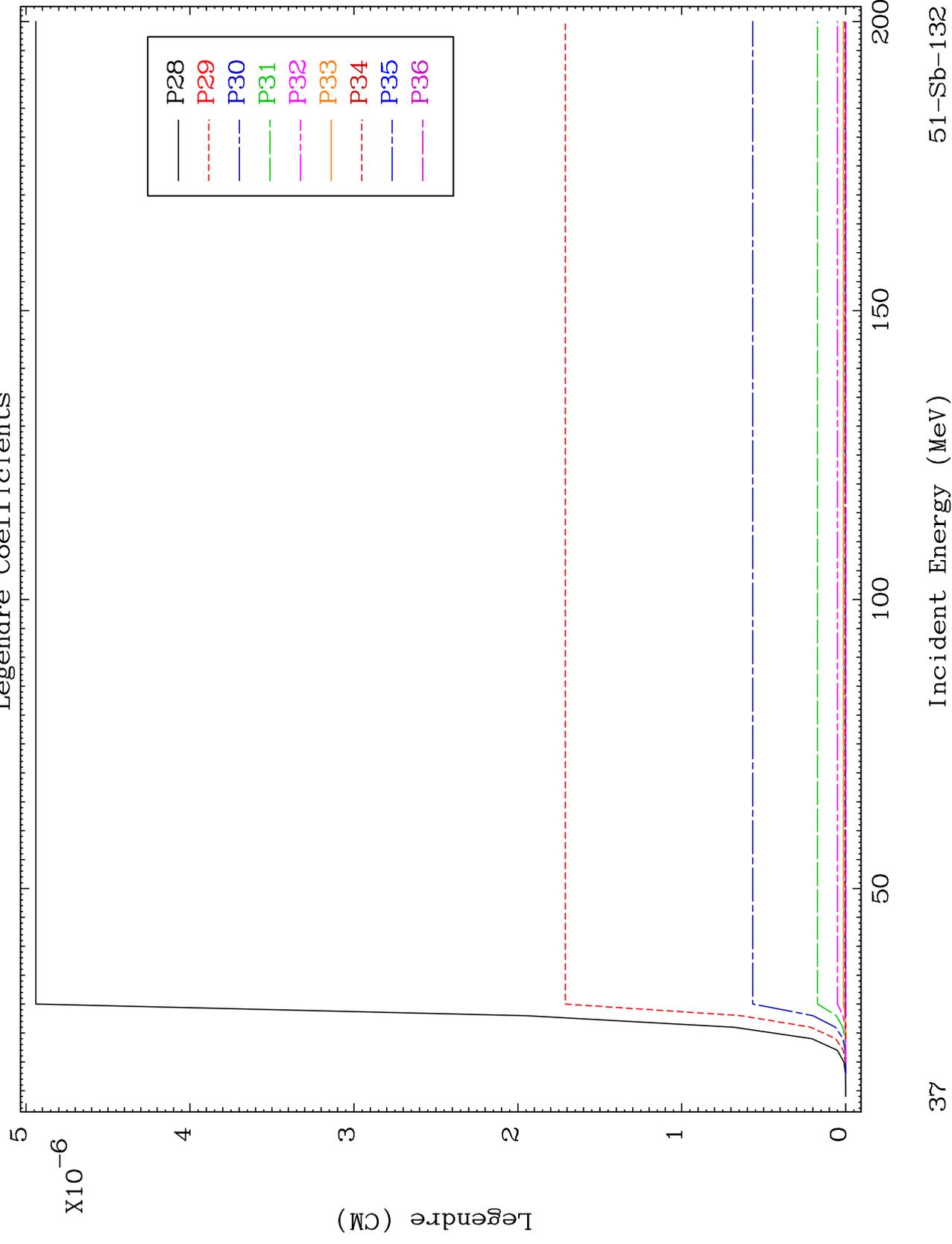
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MAT 5158

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

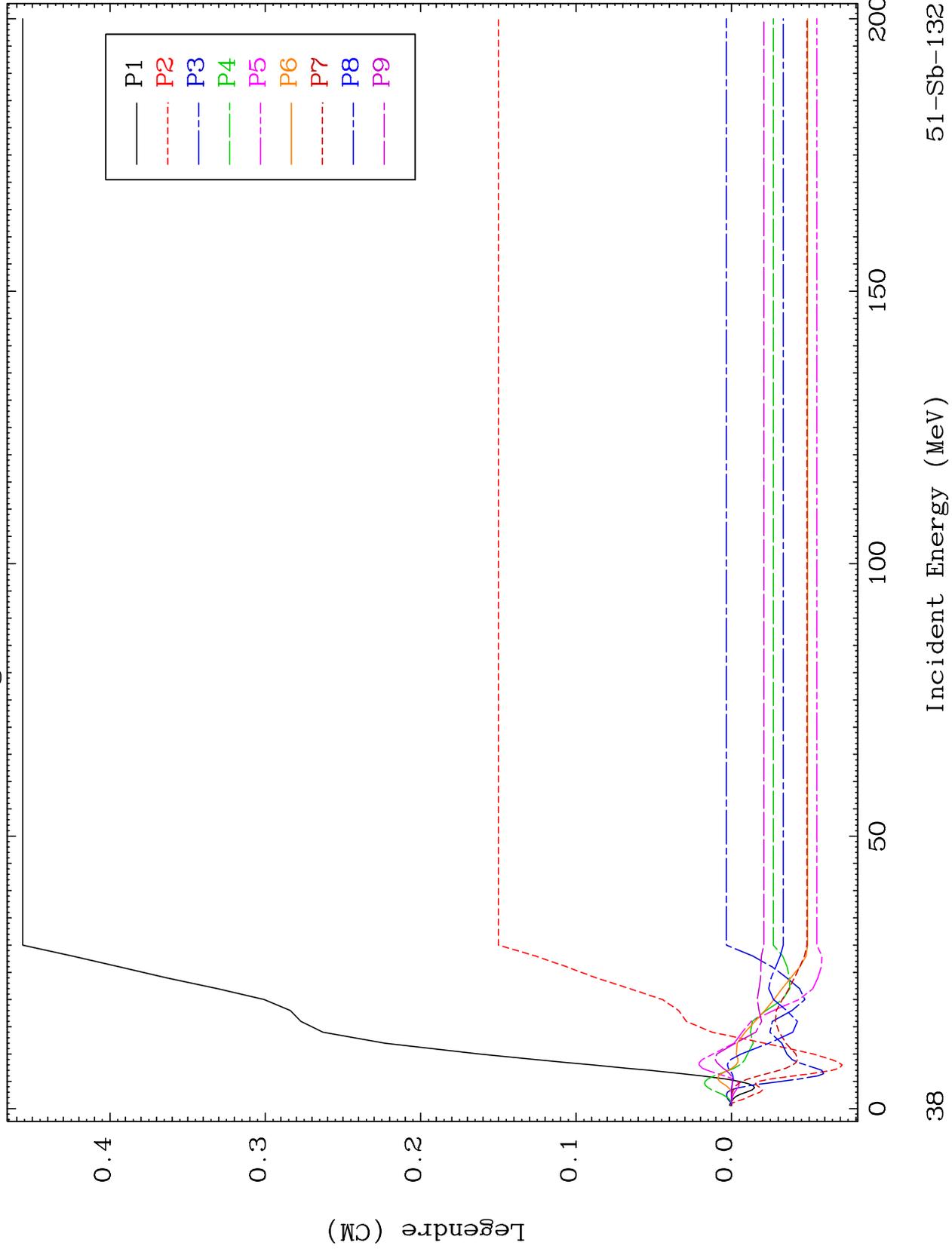
51-Sb-132



MAT 5158

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

51-Sb-132



51-Sb-132

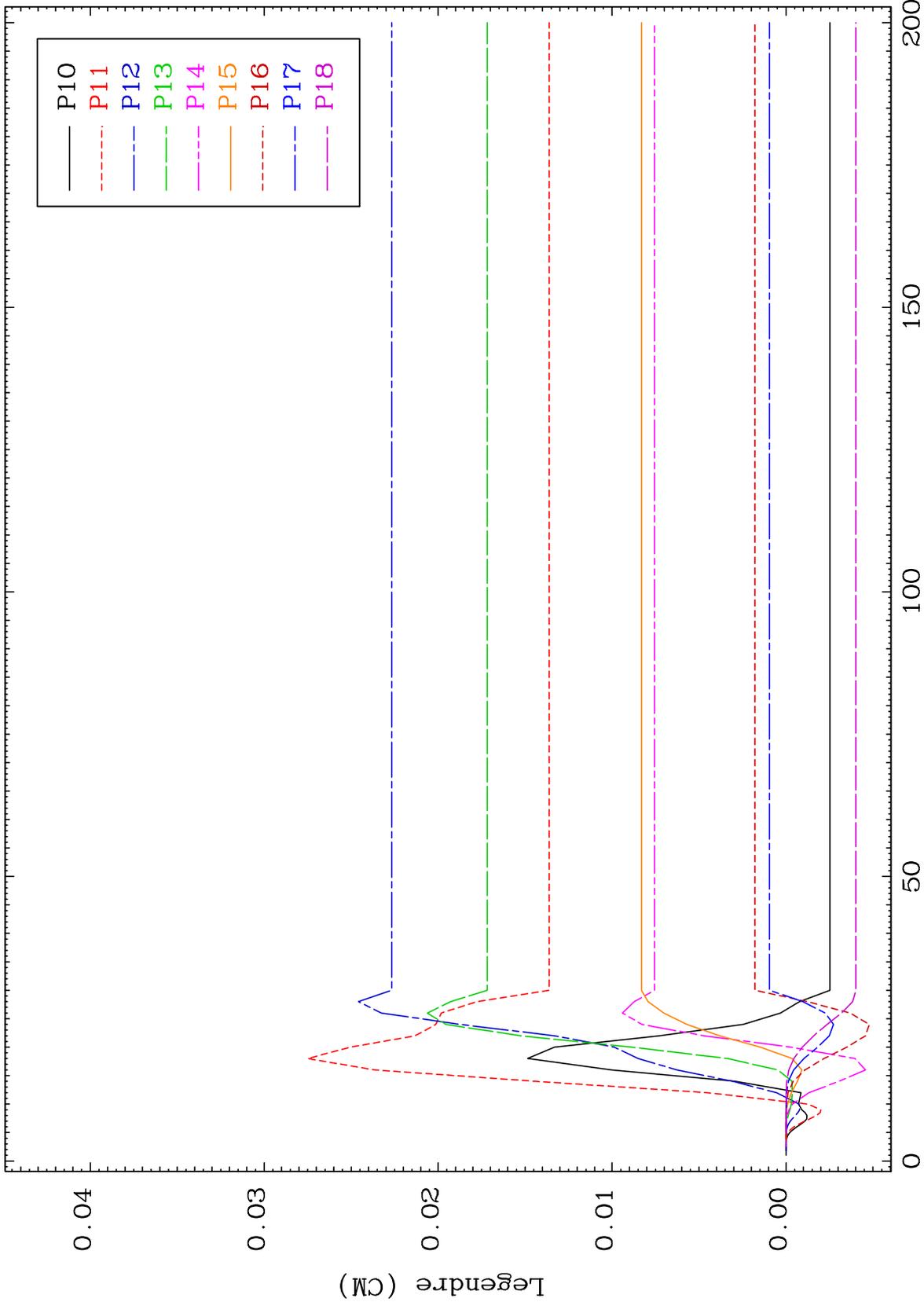
Incident Energy (MeV)

38

MAT 5158

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

51-Sb-132



39

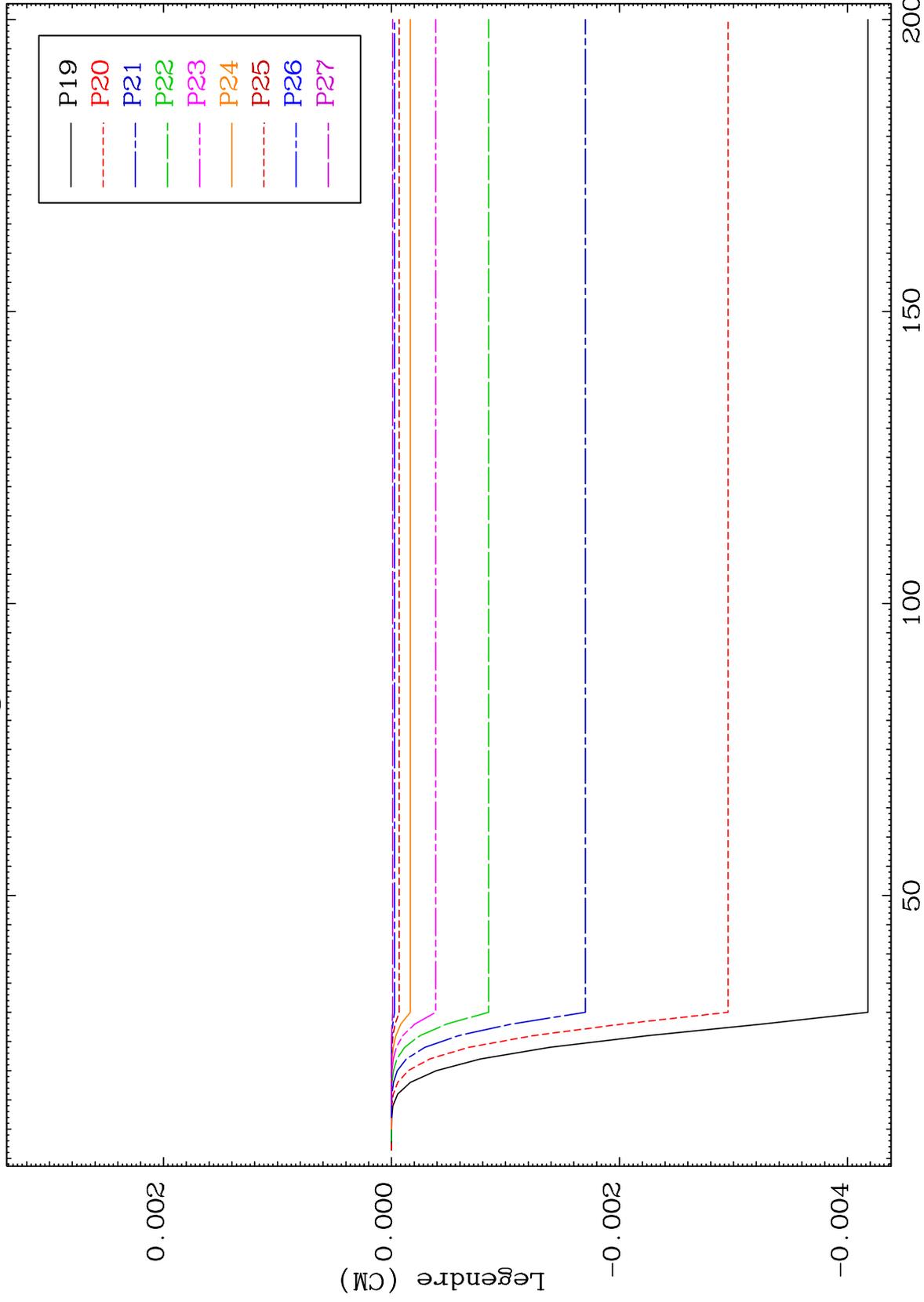
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



40

Incident Energy (MeV)

50

100

150

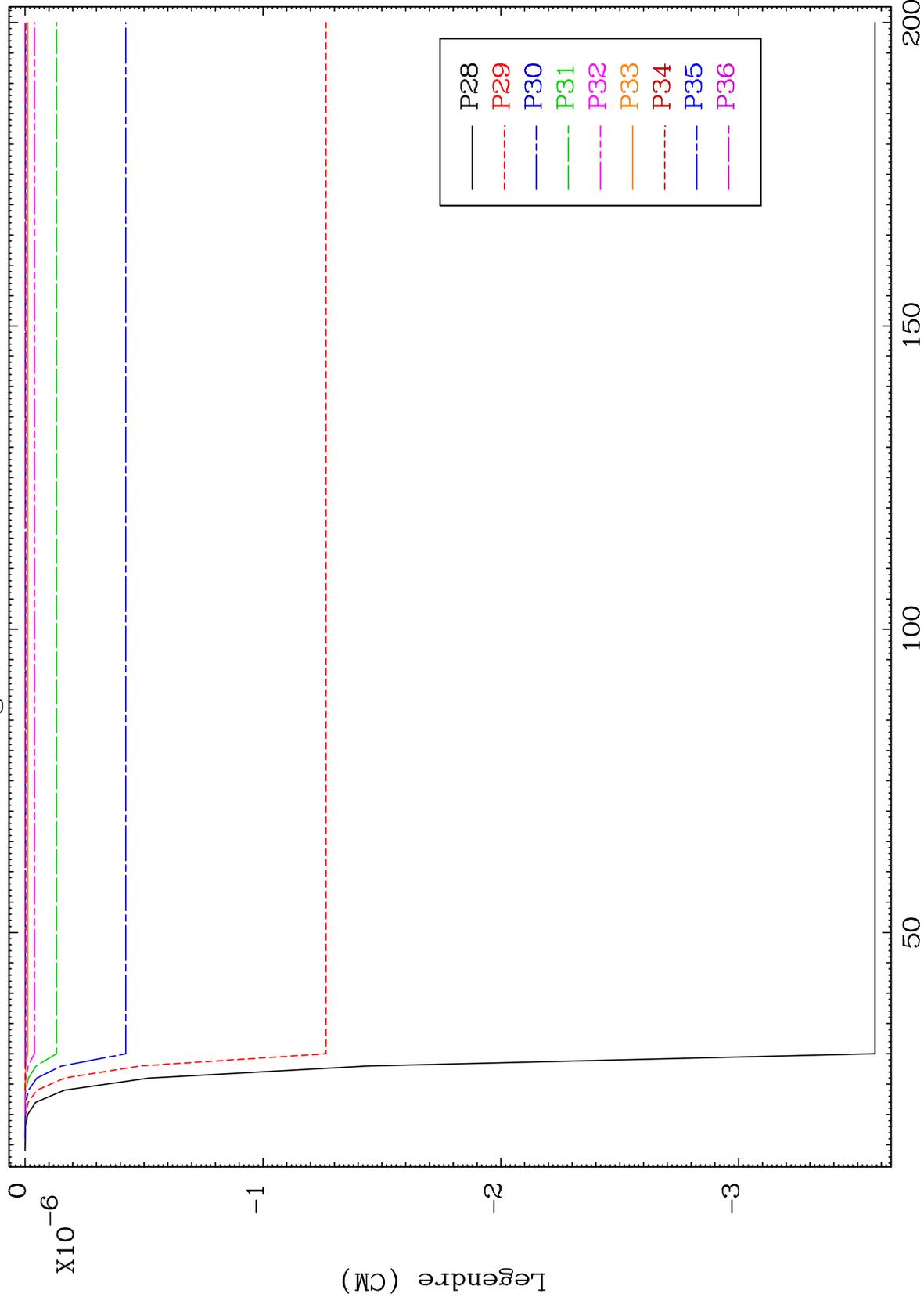
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51-Sb-132

MAT 5158

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

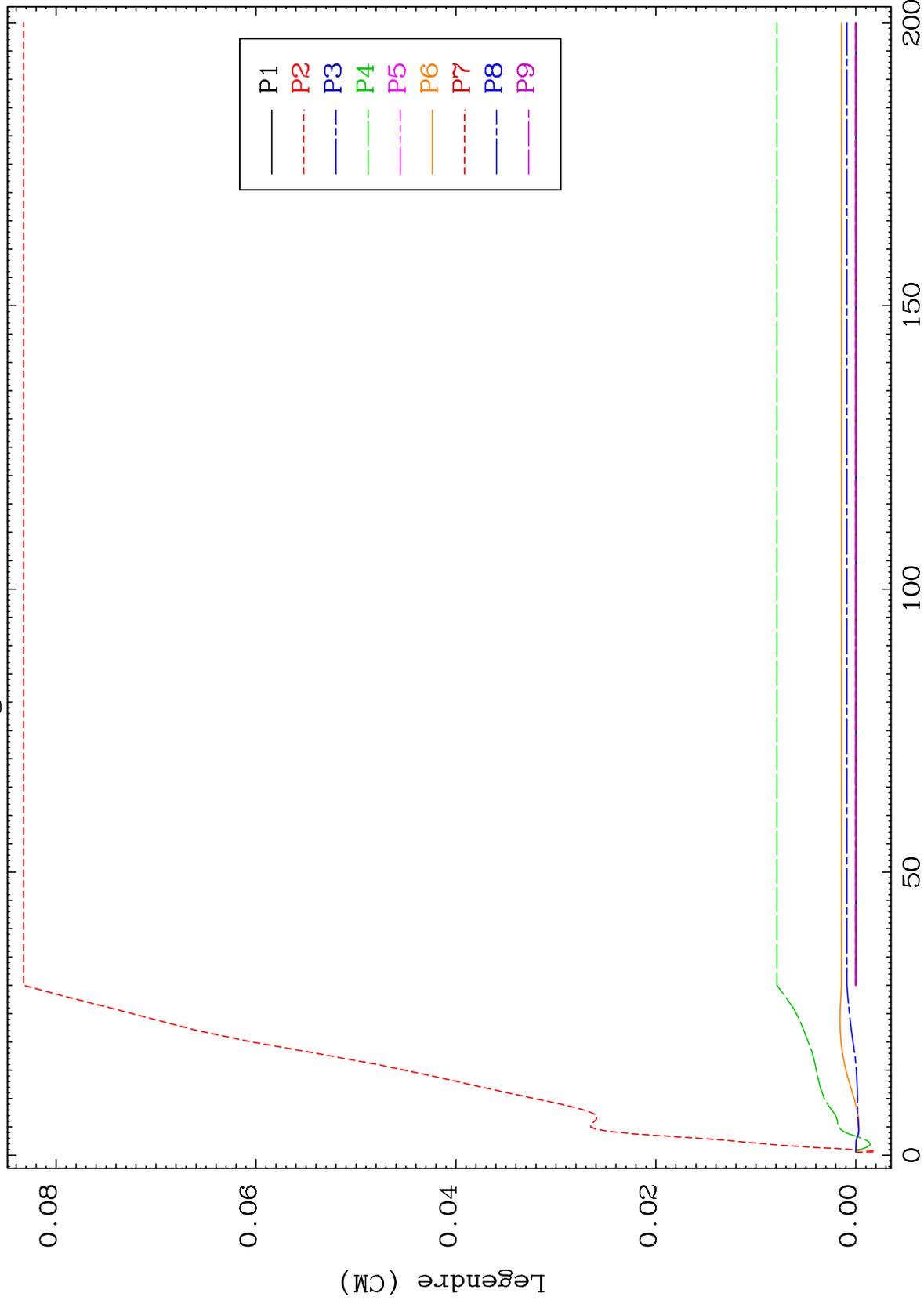
51-Sb-132



MAT 5158

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

51-Sb-132



51-Sb-132

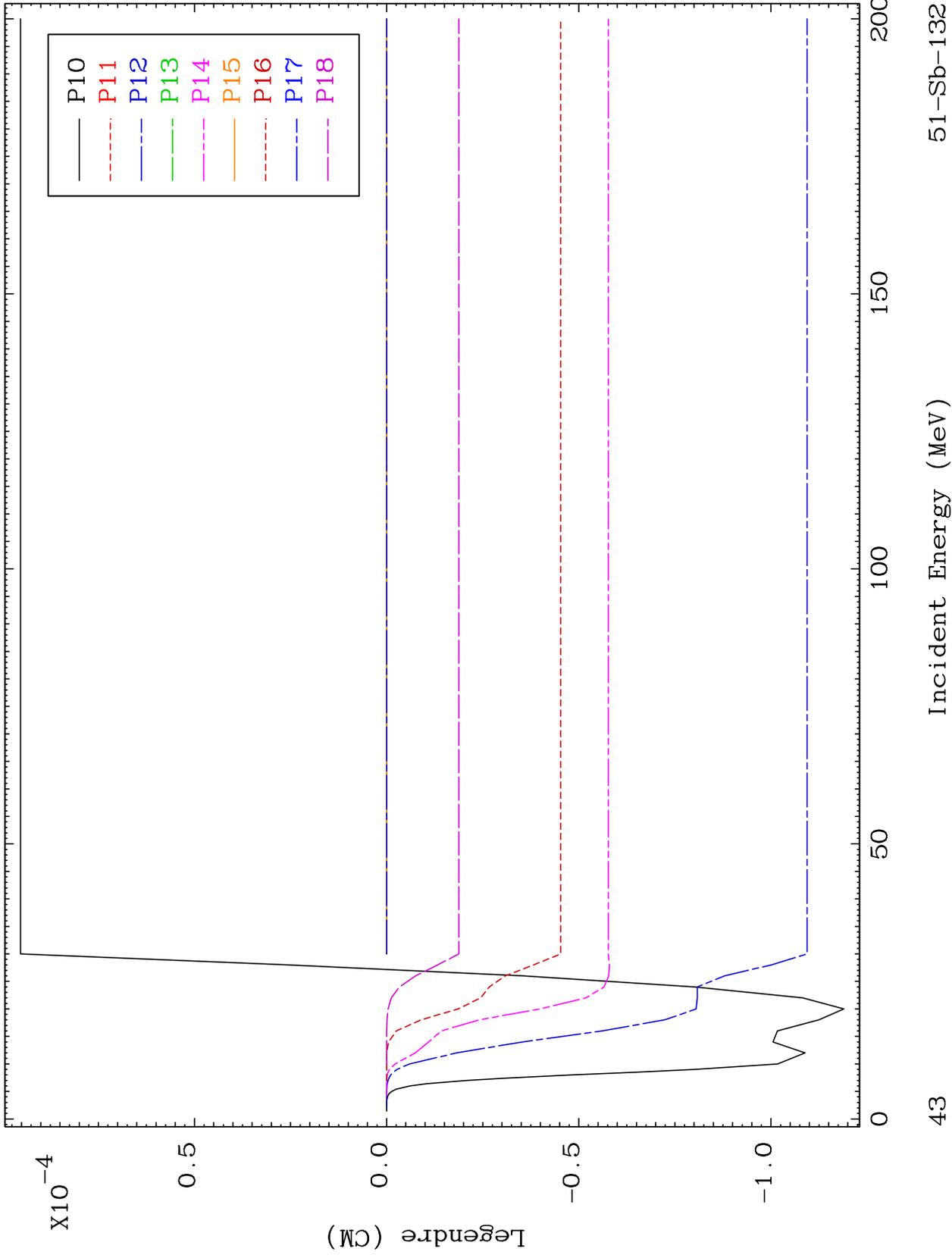
Incident Energy (MeV)

42

MAT 5158

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

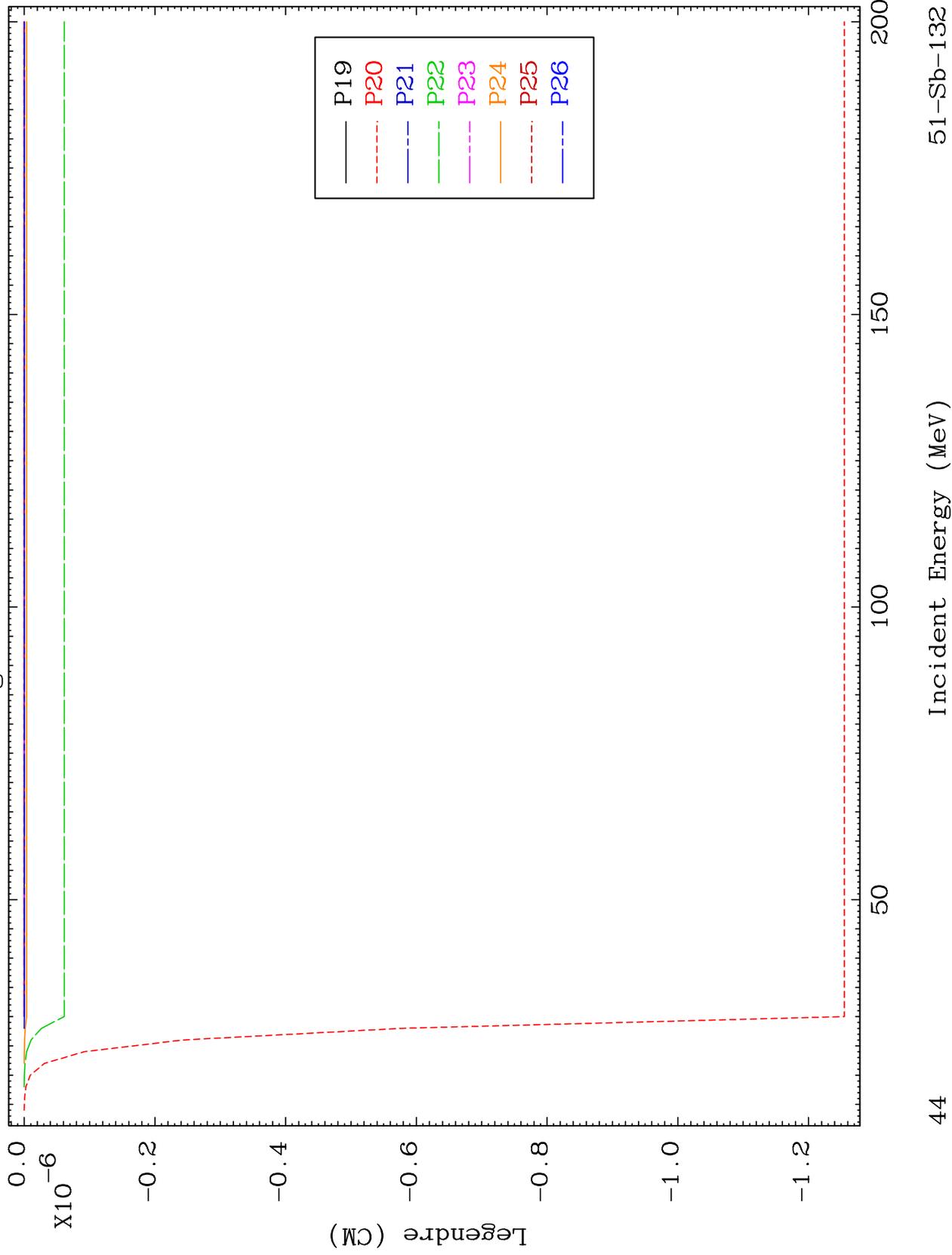
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MAT 5158

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

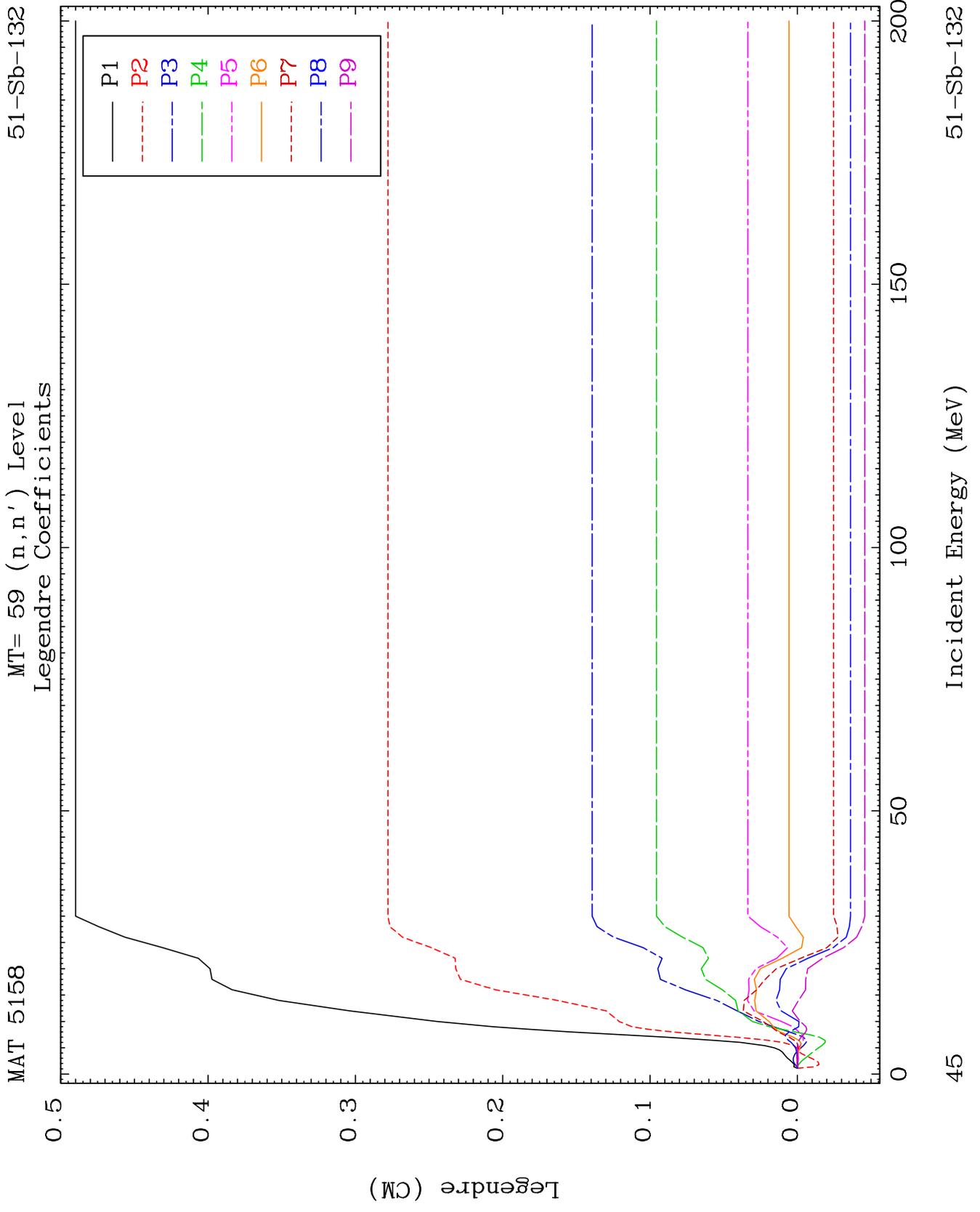
51-Sb-132



44

Incident Energy (MeV)

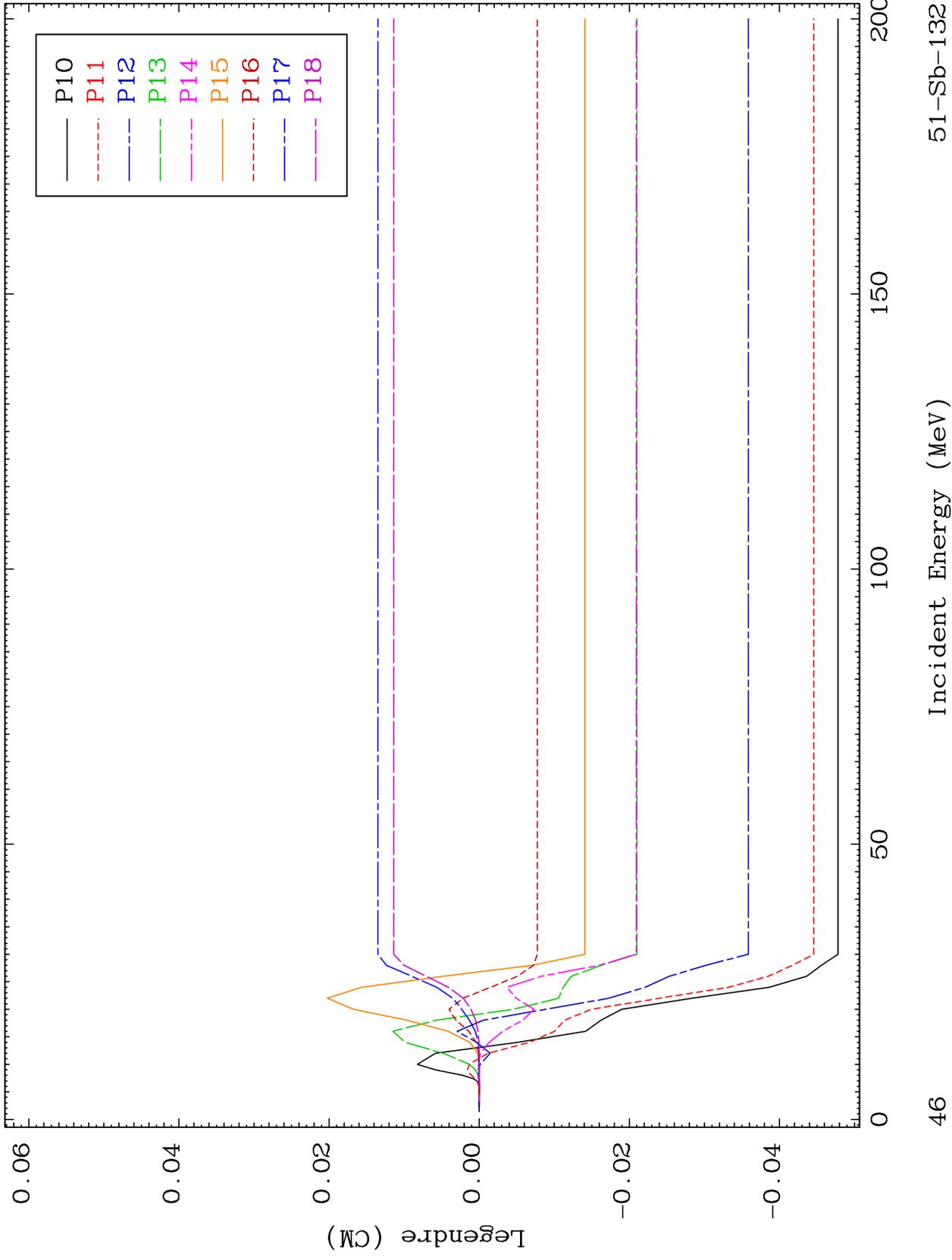
51-Sb-132



MAT 5158

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

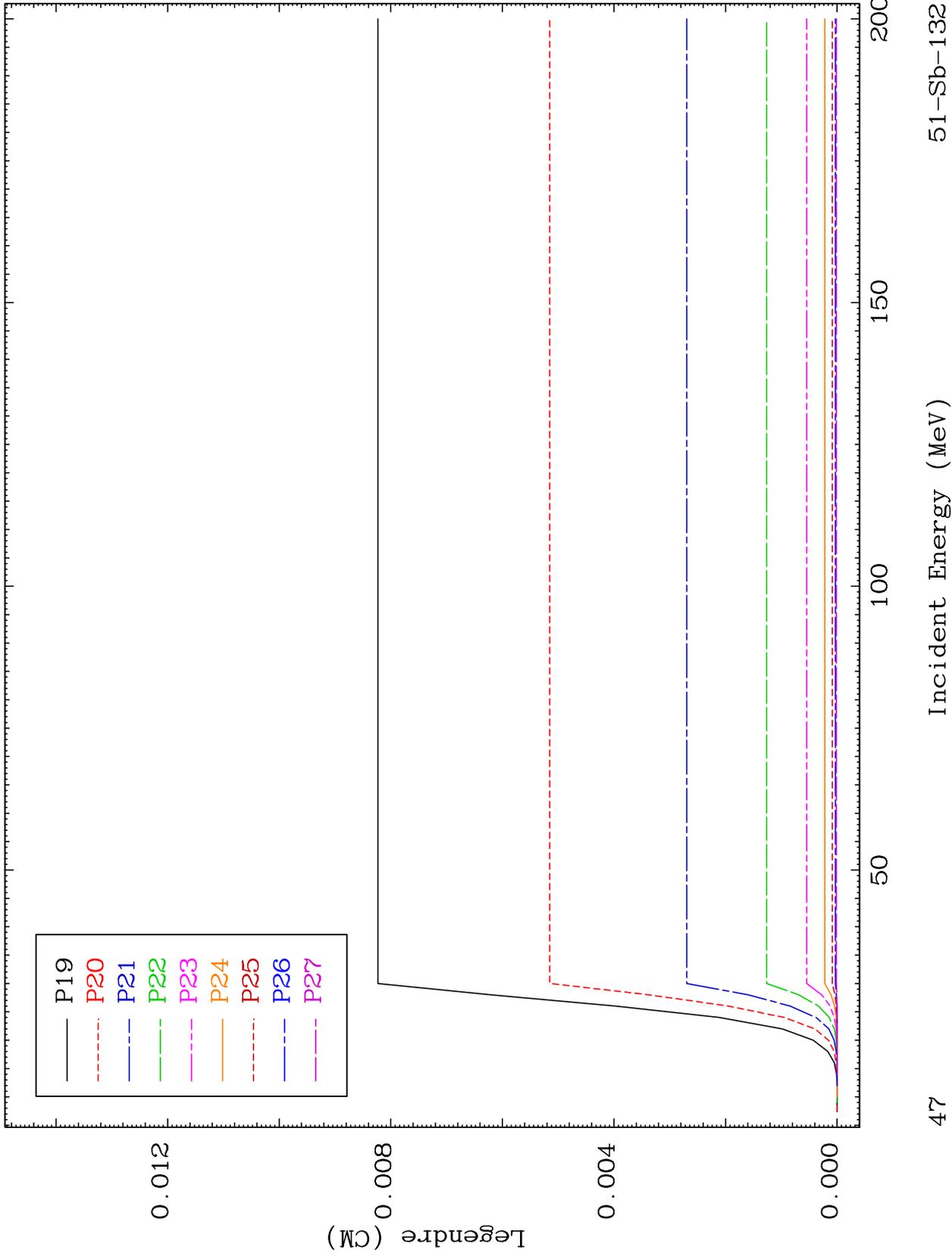
51-Sb-132



51-Sb-132

Incident Energy (MeV)

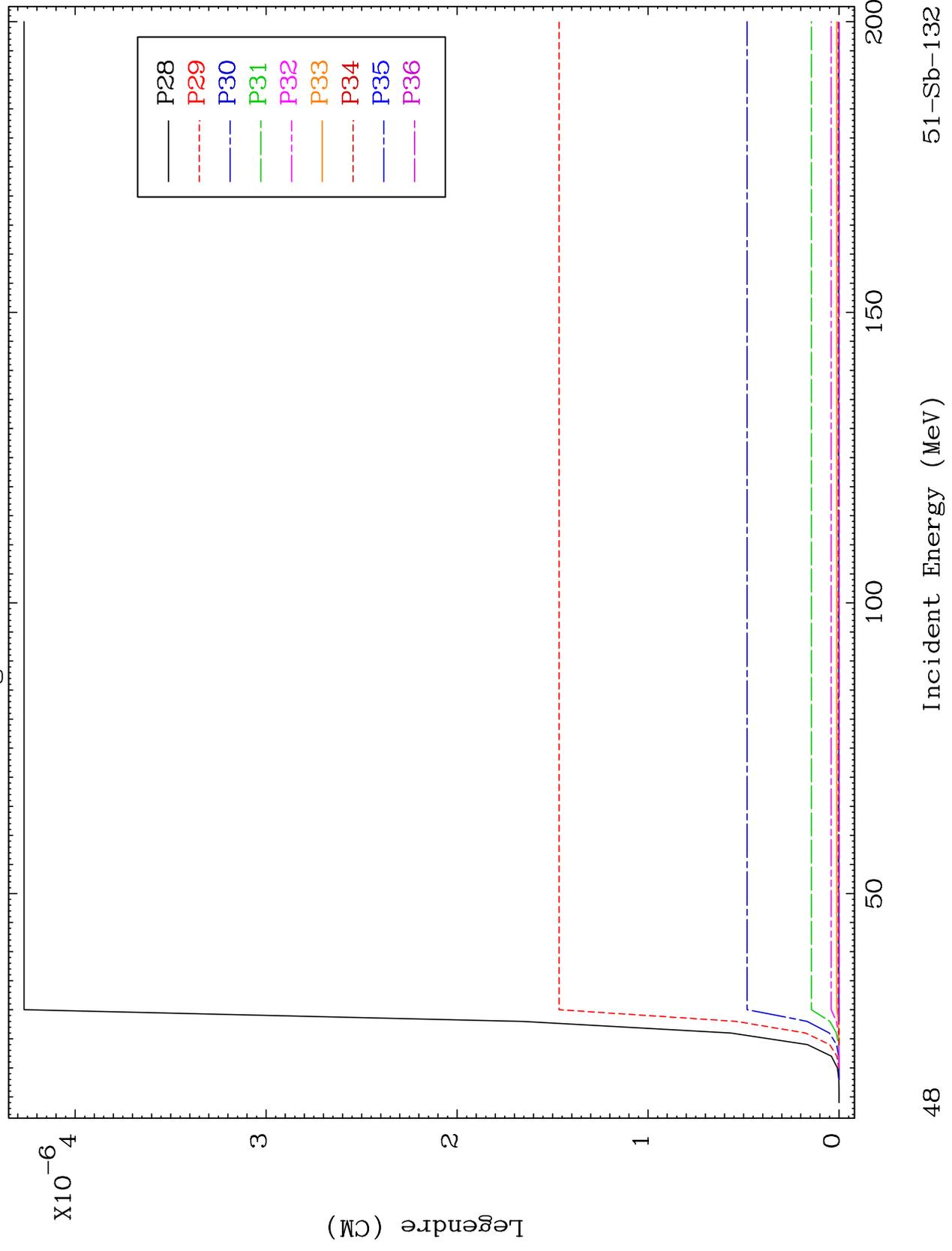
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MAT 5158

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

51-Sb-132



48

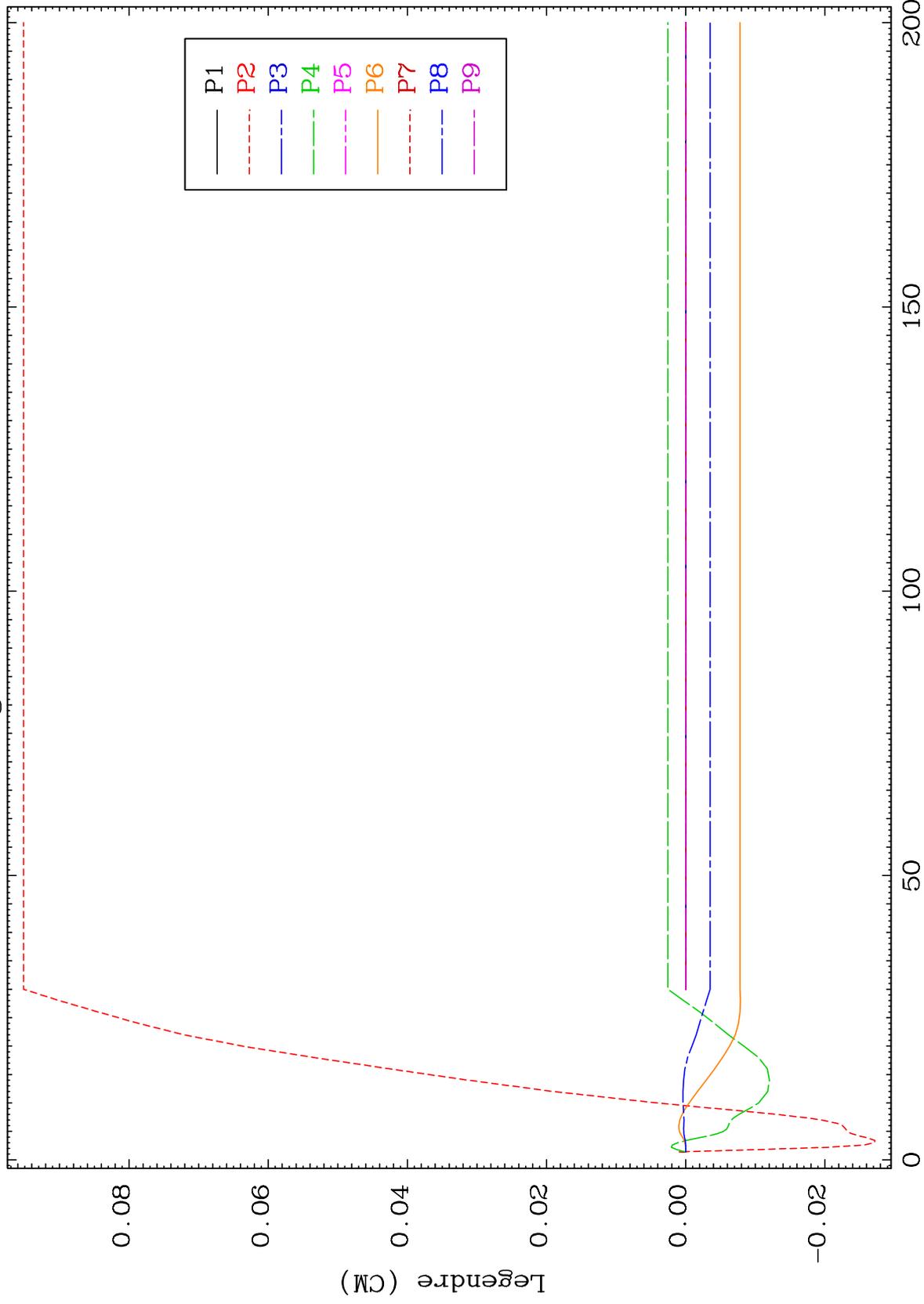
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



49

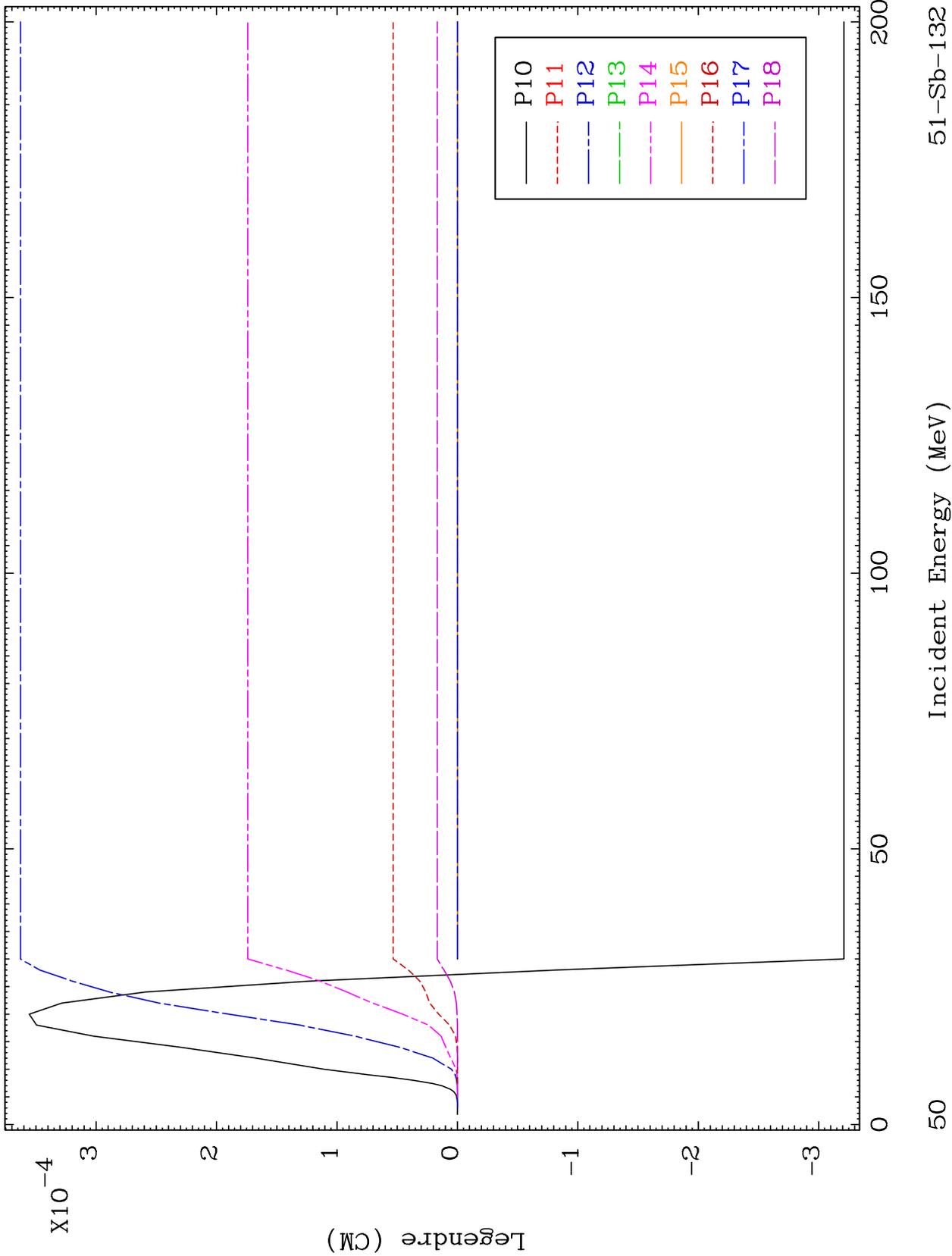
51-Sb-132

51-Sb-132

MAT 5158

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

51-Sb-132



51-Sb-132

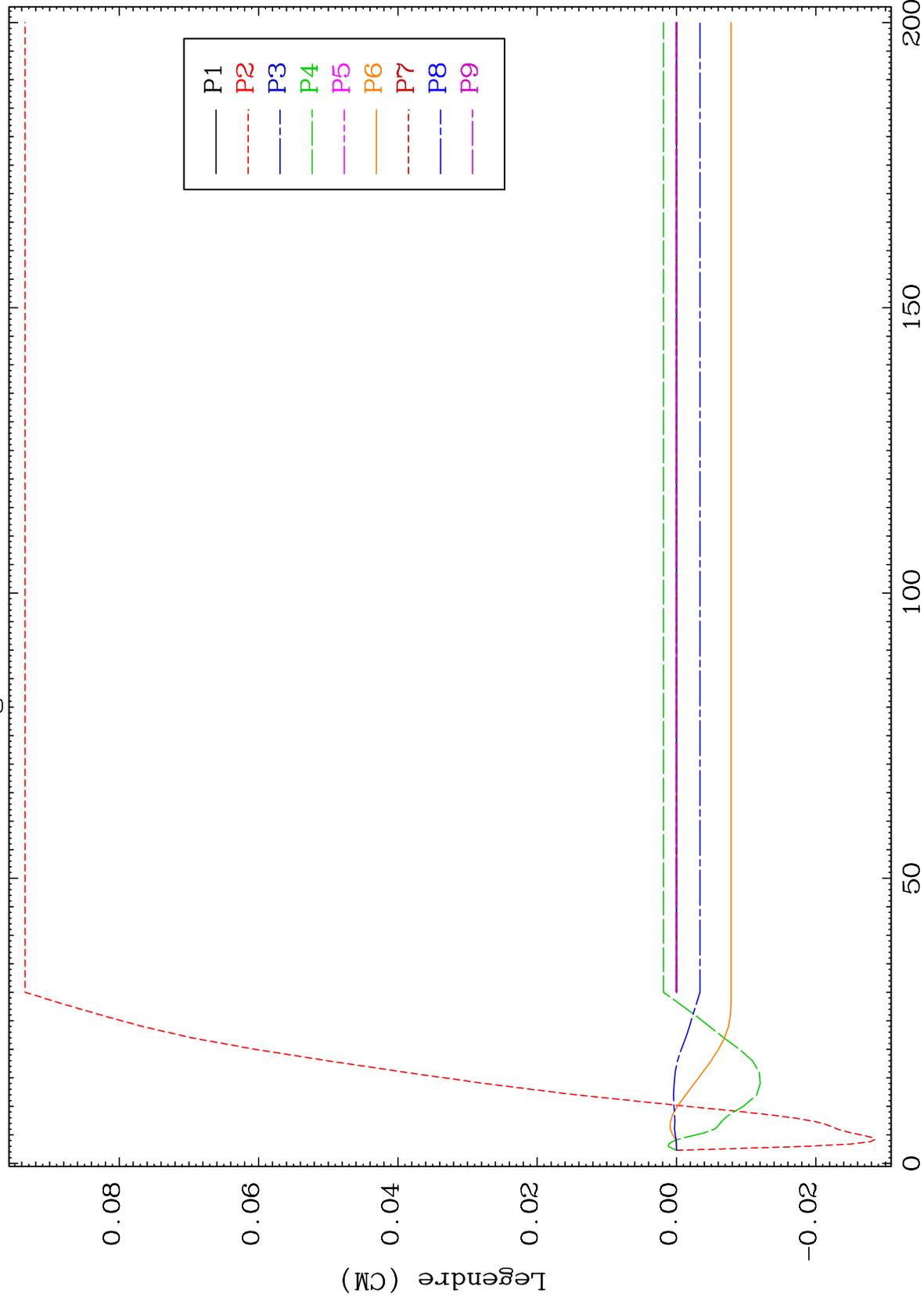
Incident Energy (MeV)

50

MAT 5158

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

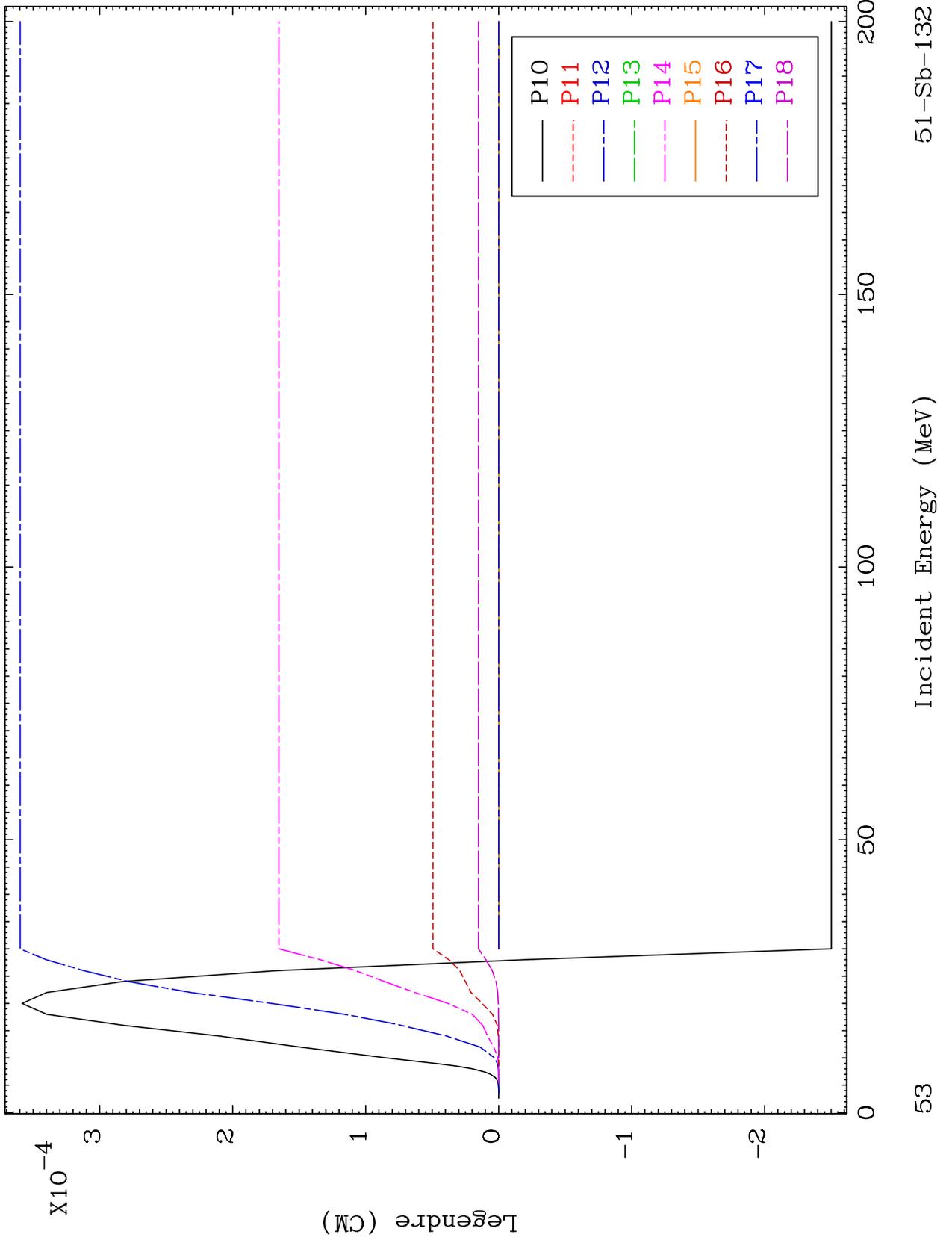
51-Sb-132



51-Sb-132

Incident Energy (MeV)

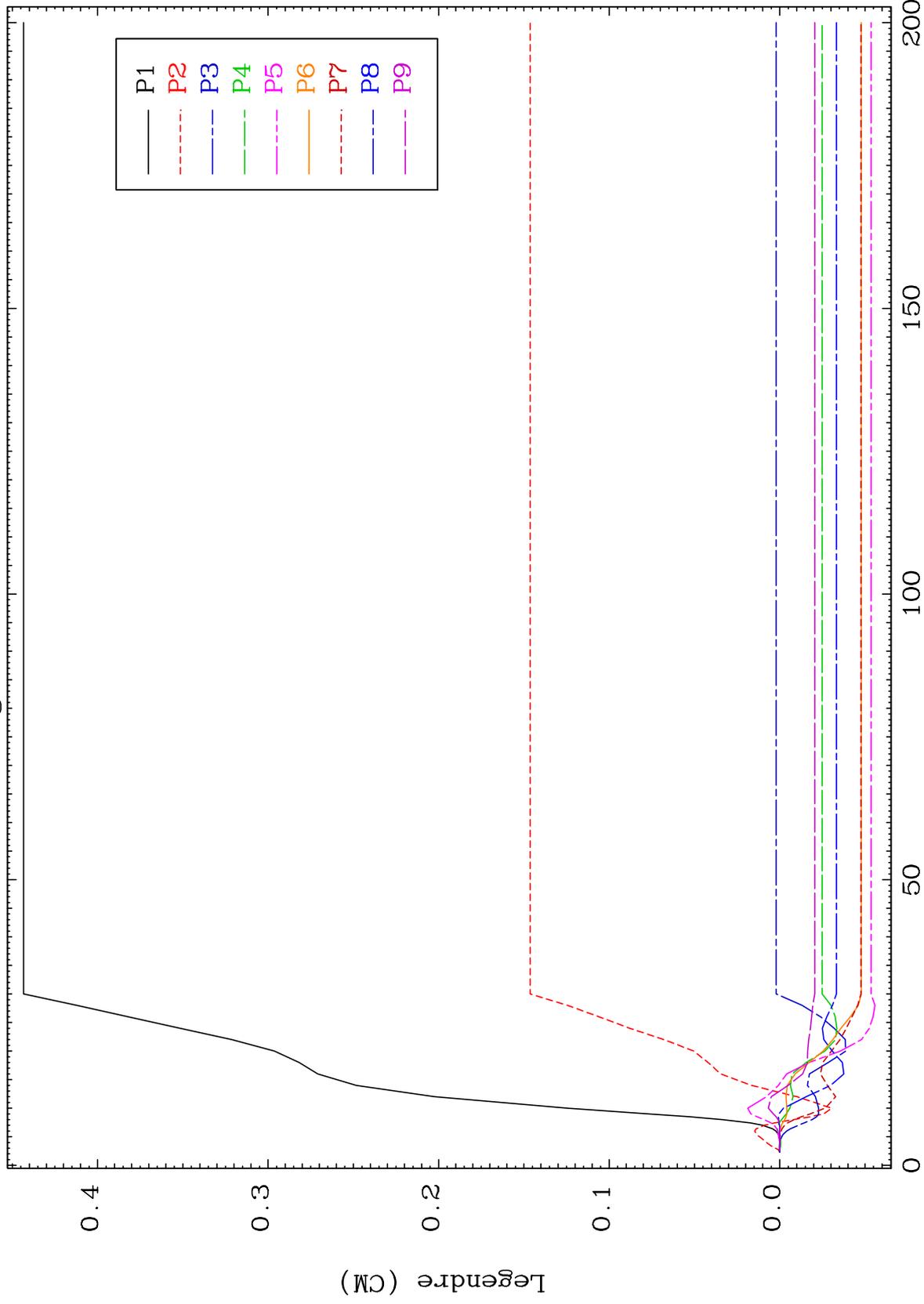
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MAT 5158

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

51-Sb-132



55

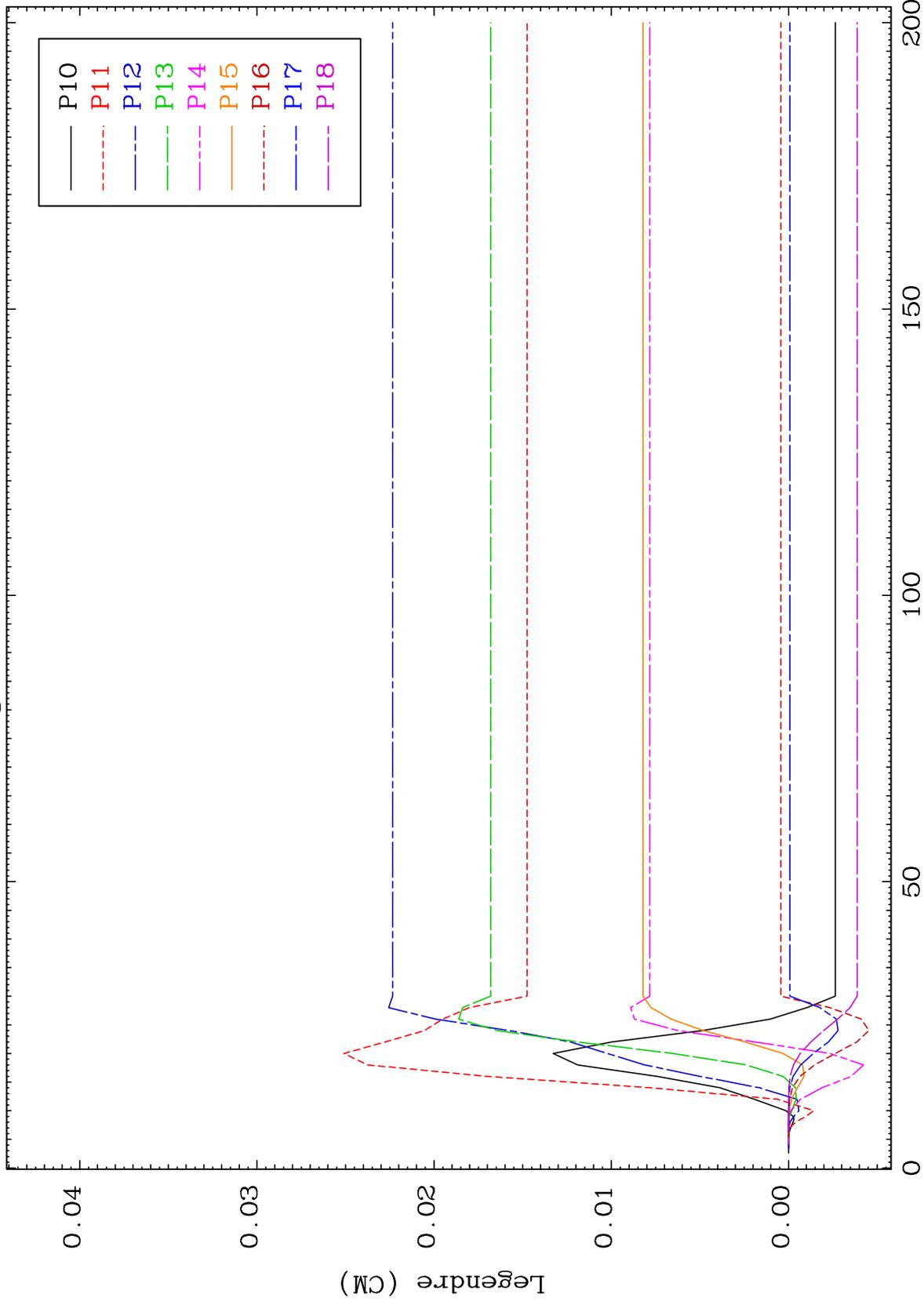
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



56

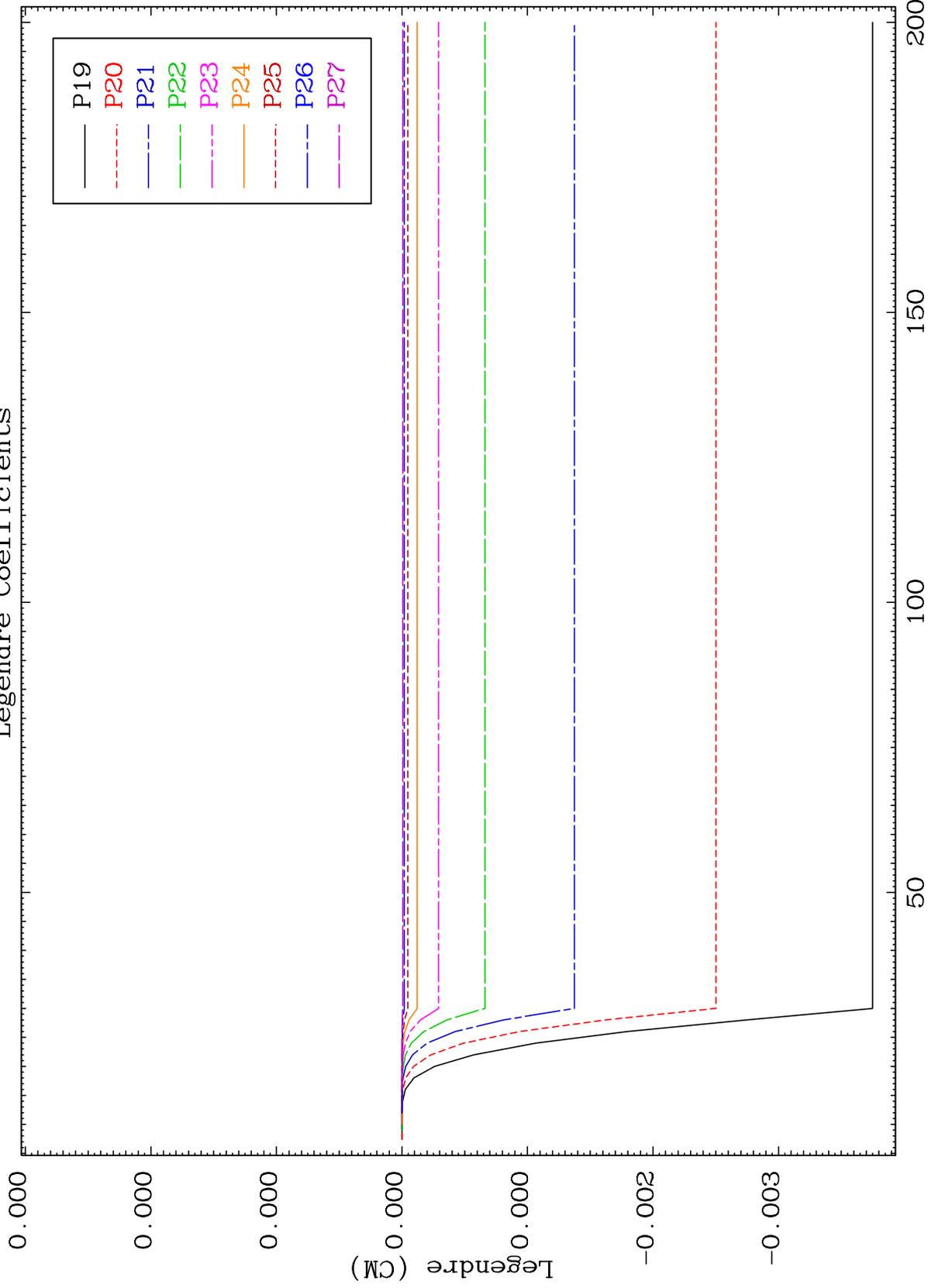
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



57

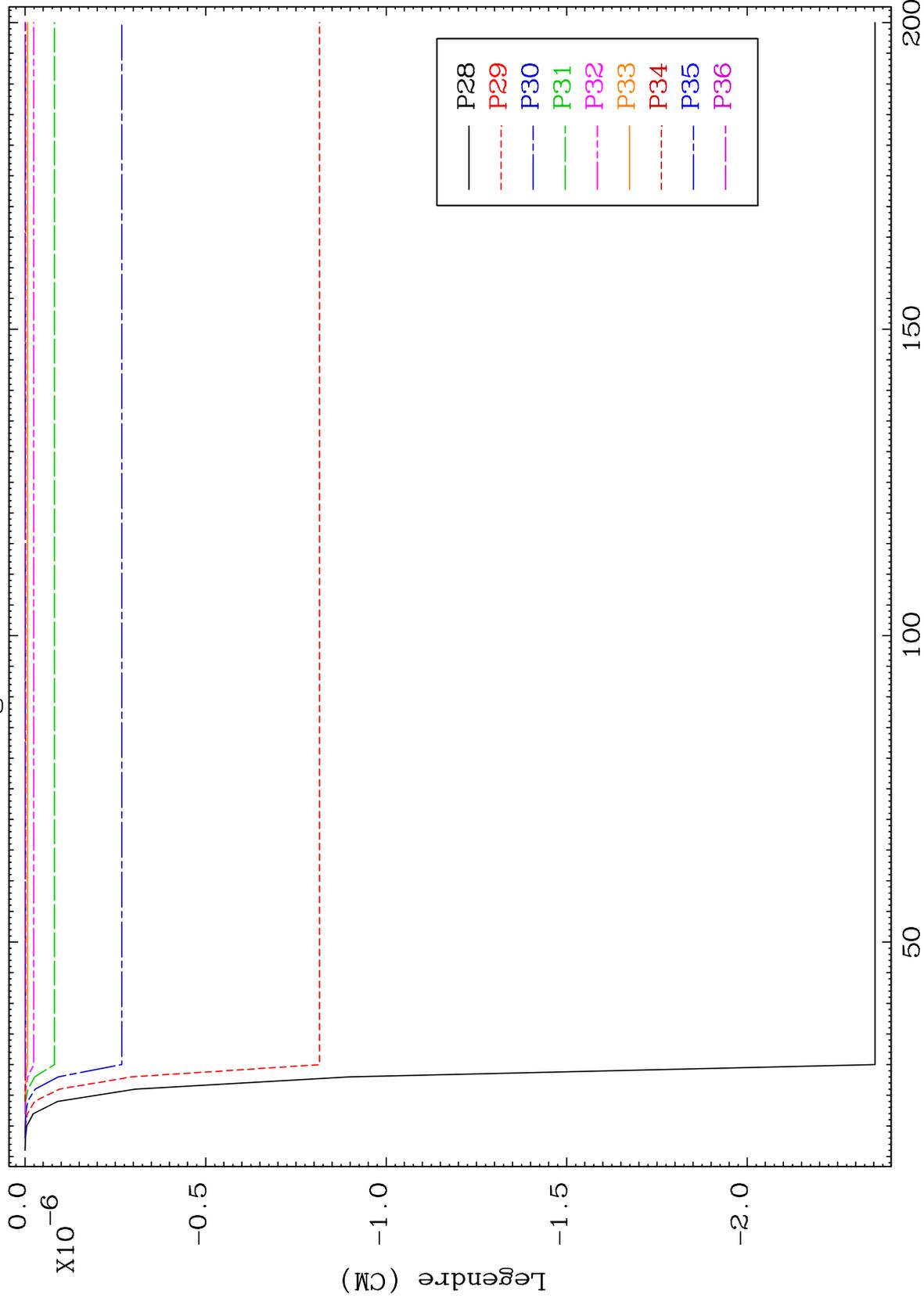
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



58

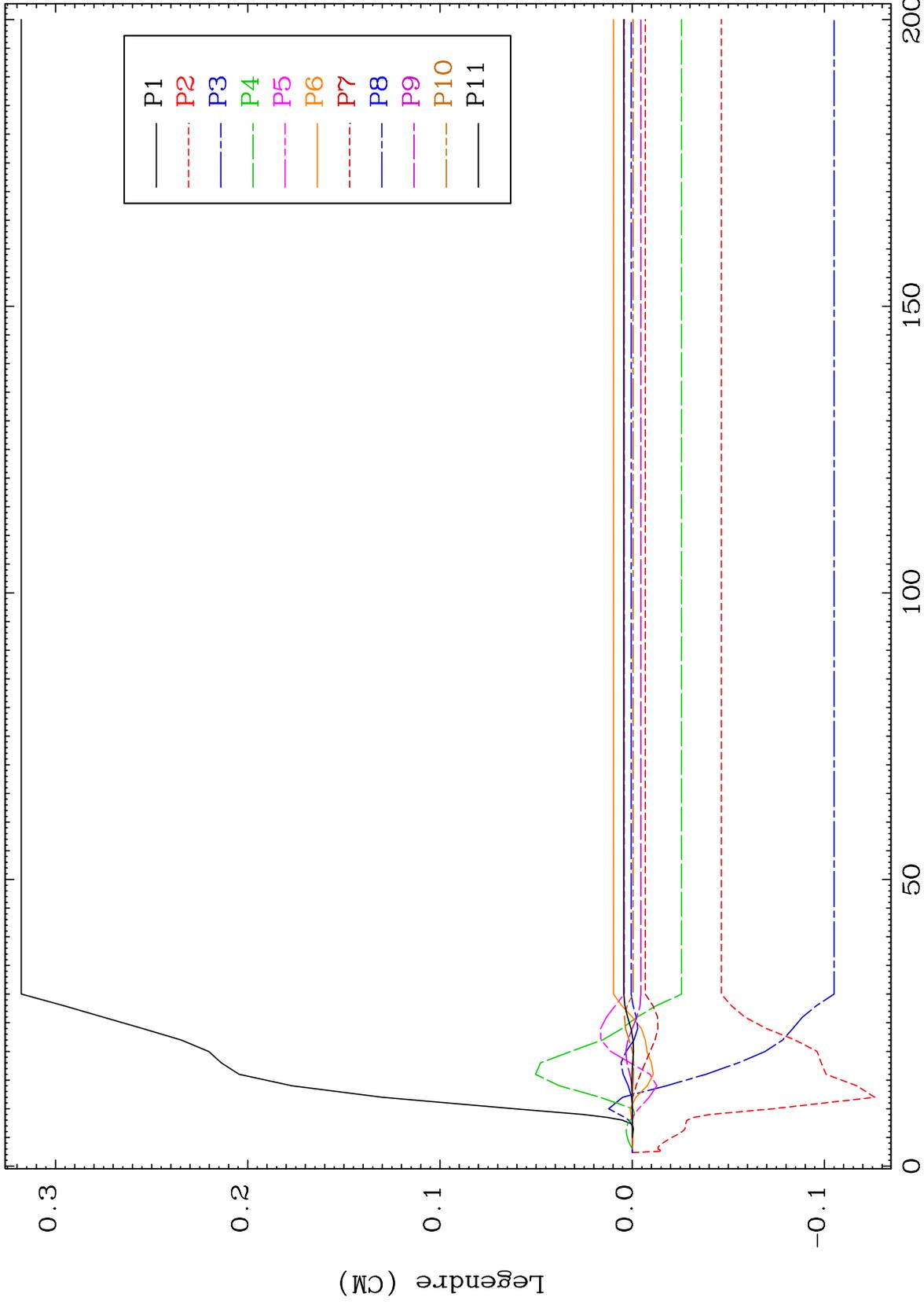
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



59

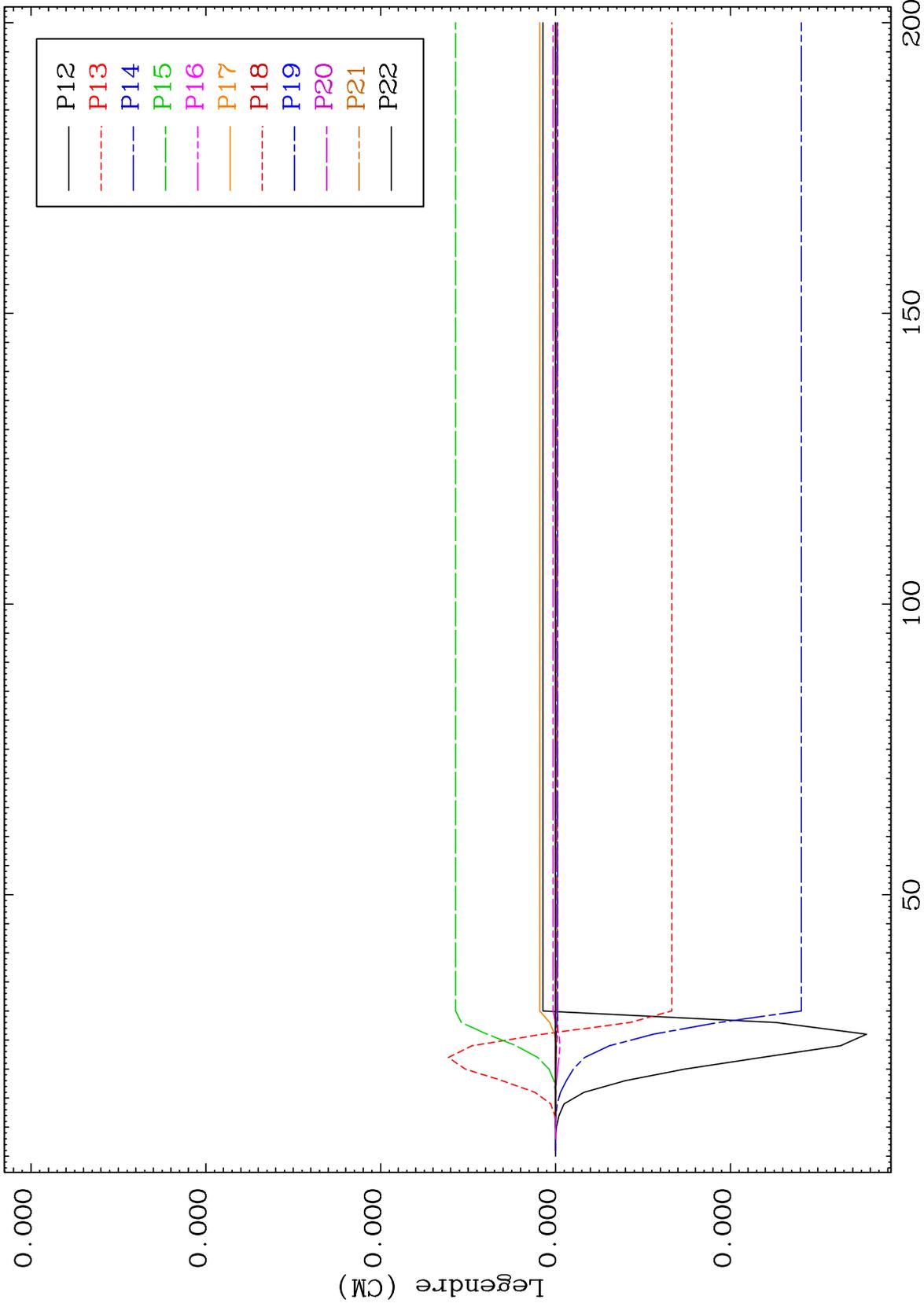
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



60

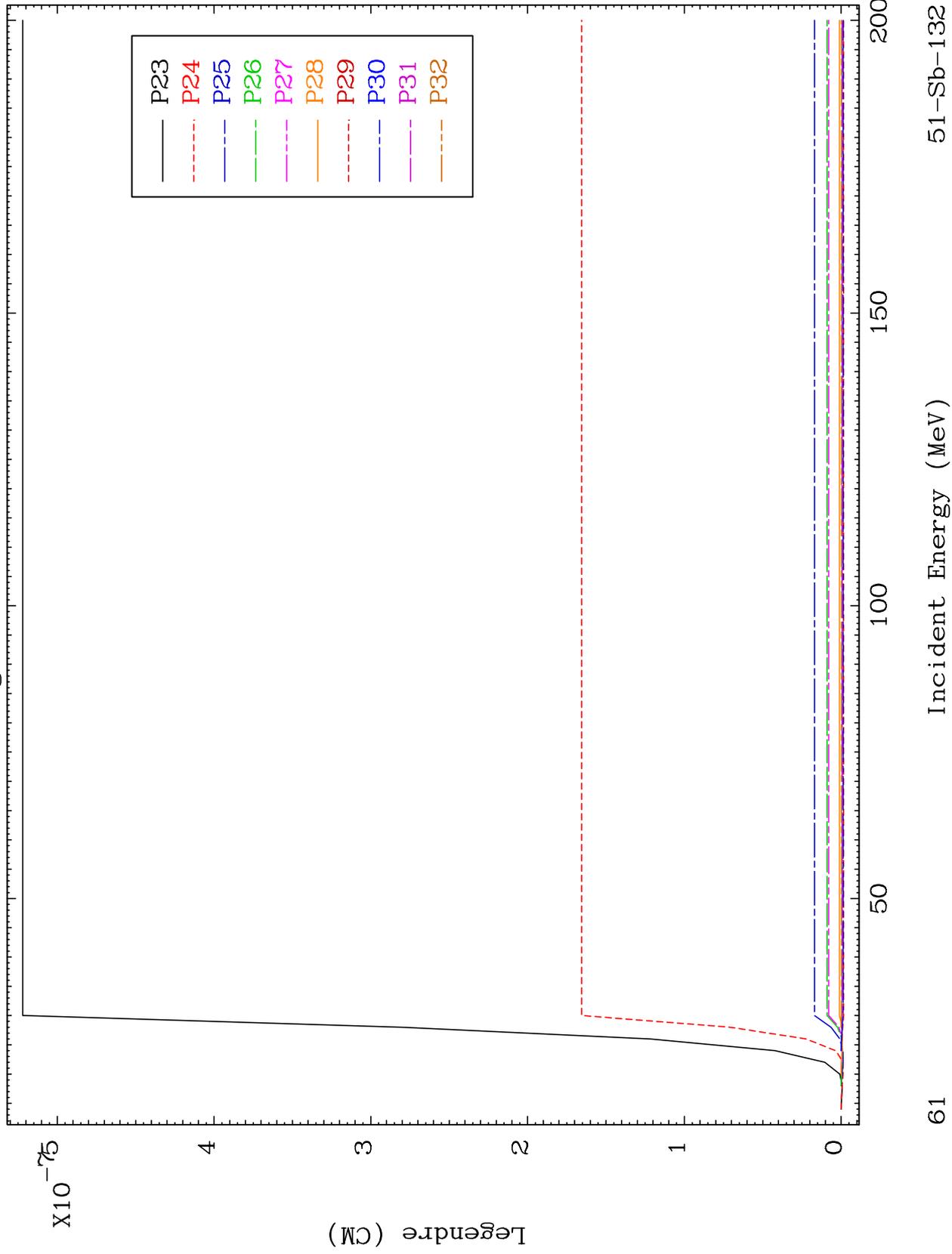
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

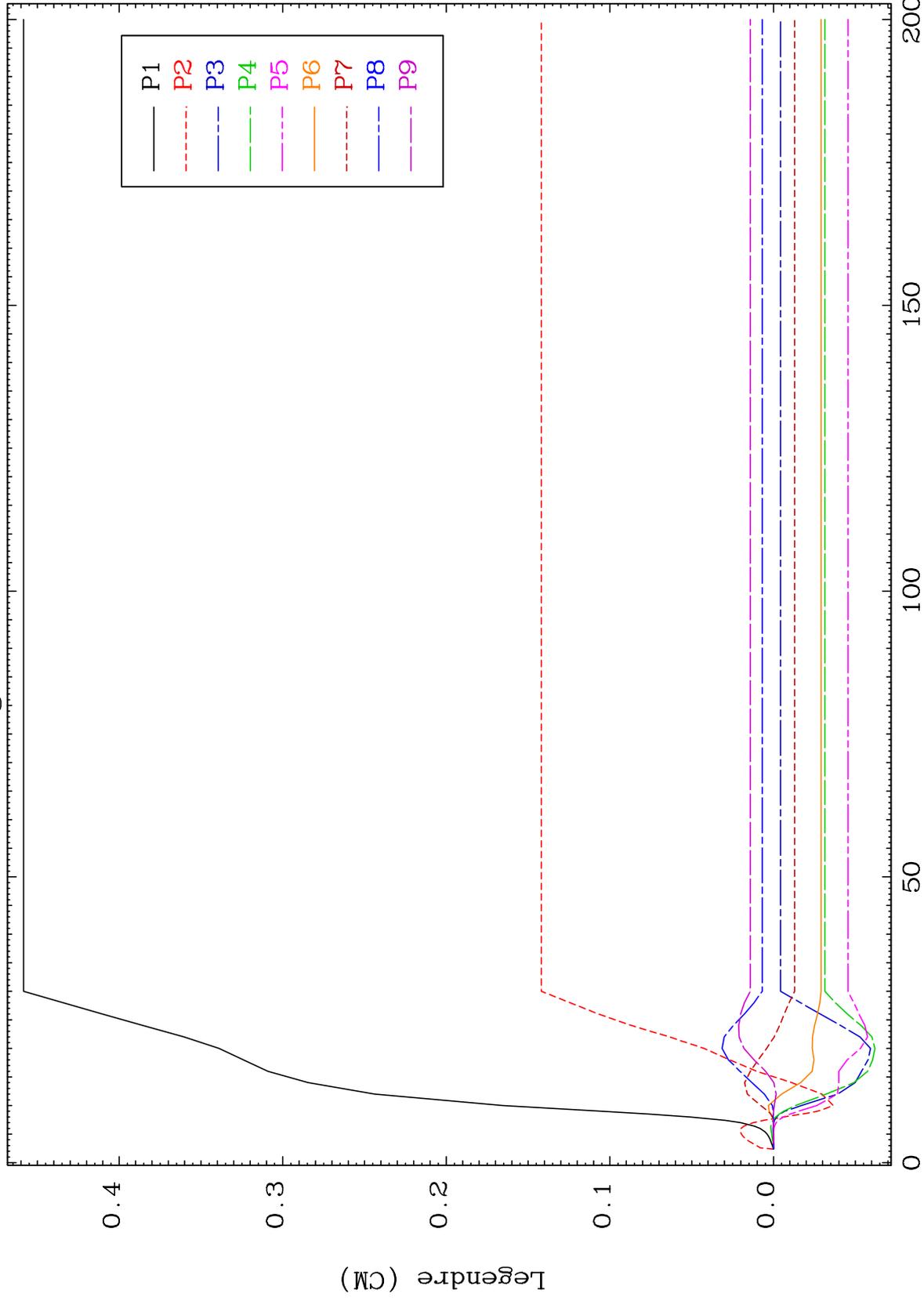
51-Sb-132



MAT 5158

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

51-Sb-132



62

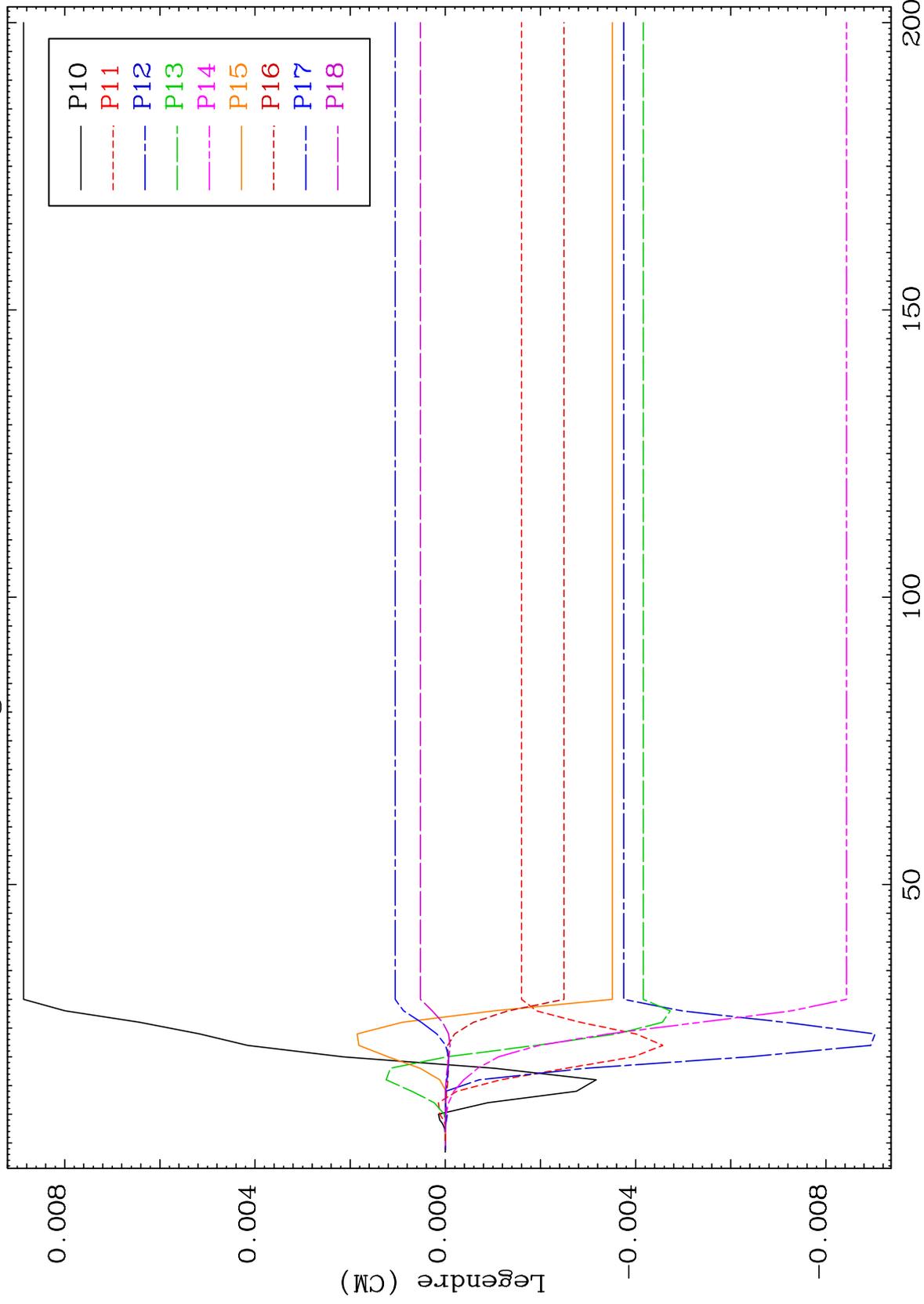
Incident Energy (MeV)

51-Sb-132

MAT 5158

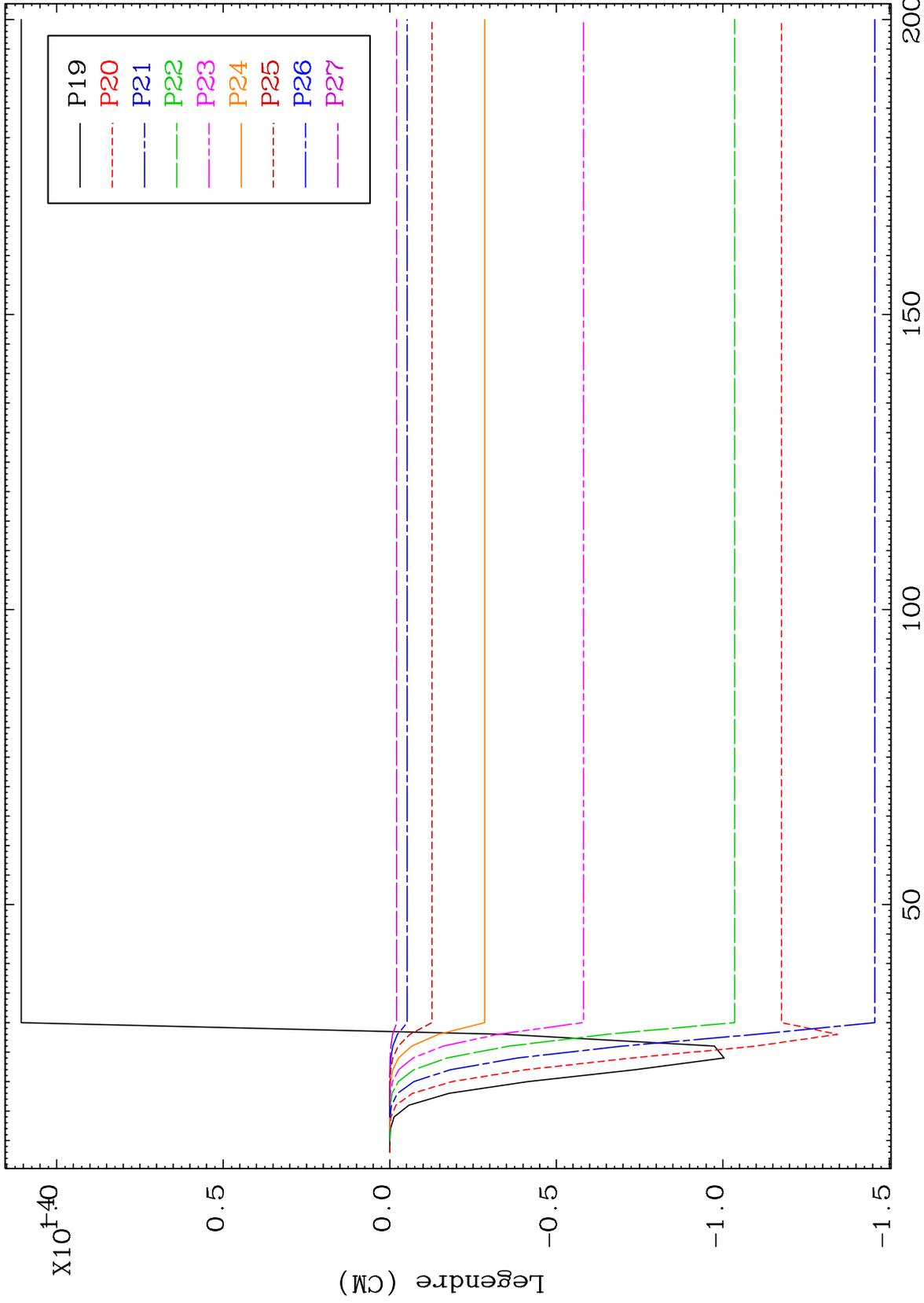
MT= 64 (n,n') Level
Legendre Coefficients

51-Sb-132



63

51-Sb-132

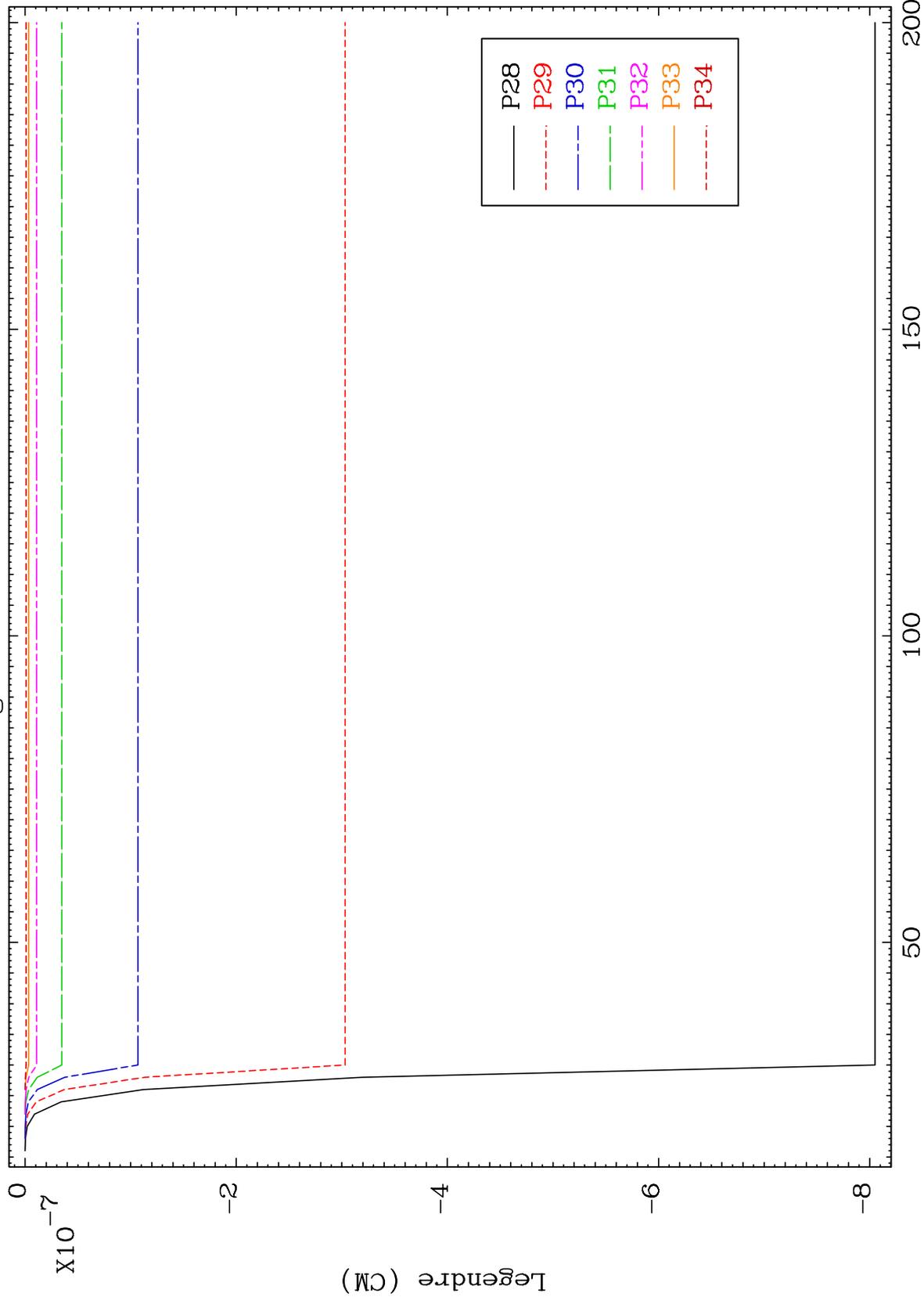


MAT 5158

MT= 64 (n,n') Level

51-Sb-132

Legendre Coefficients



65

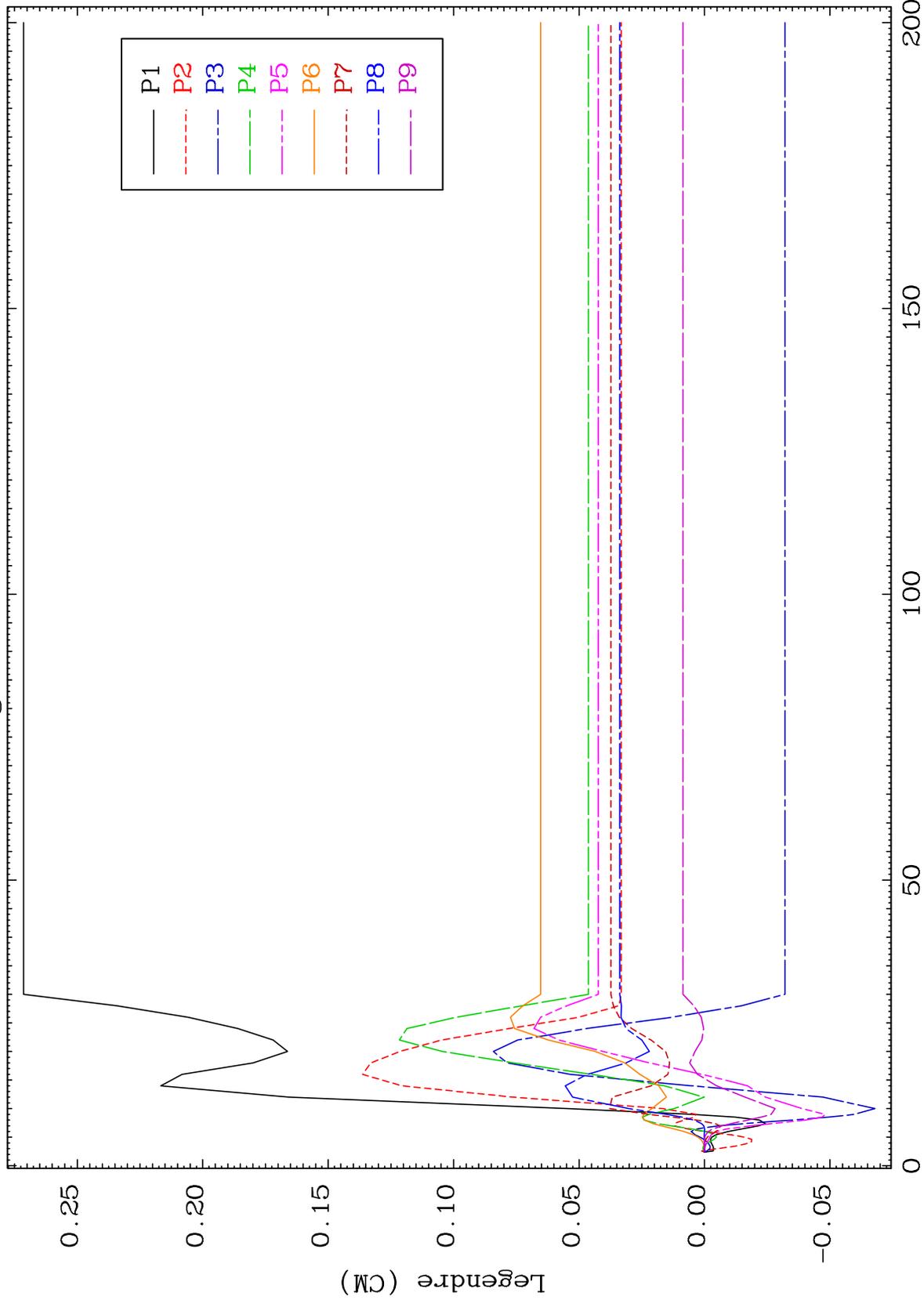
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

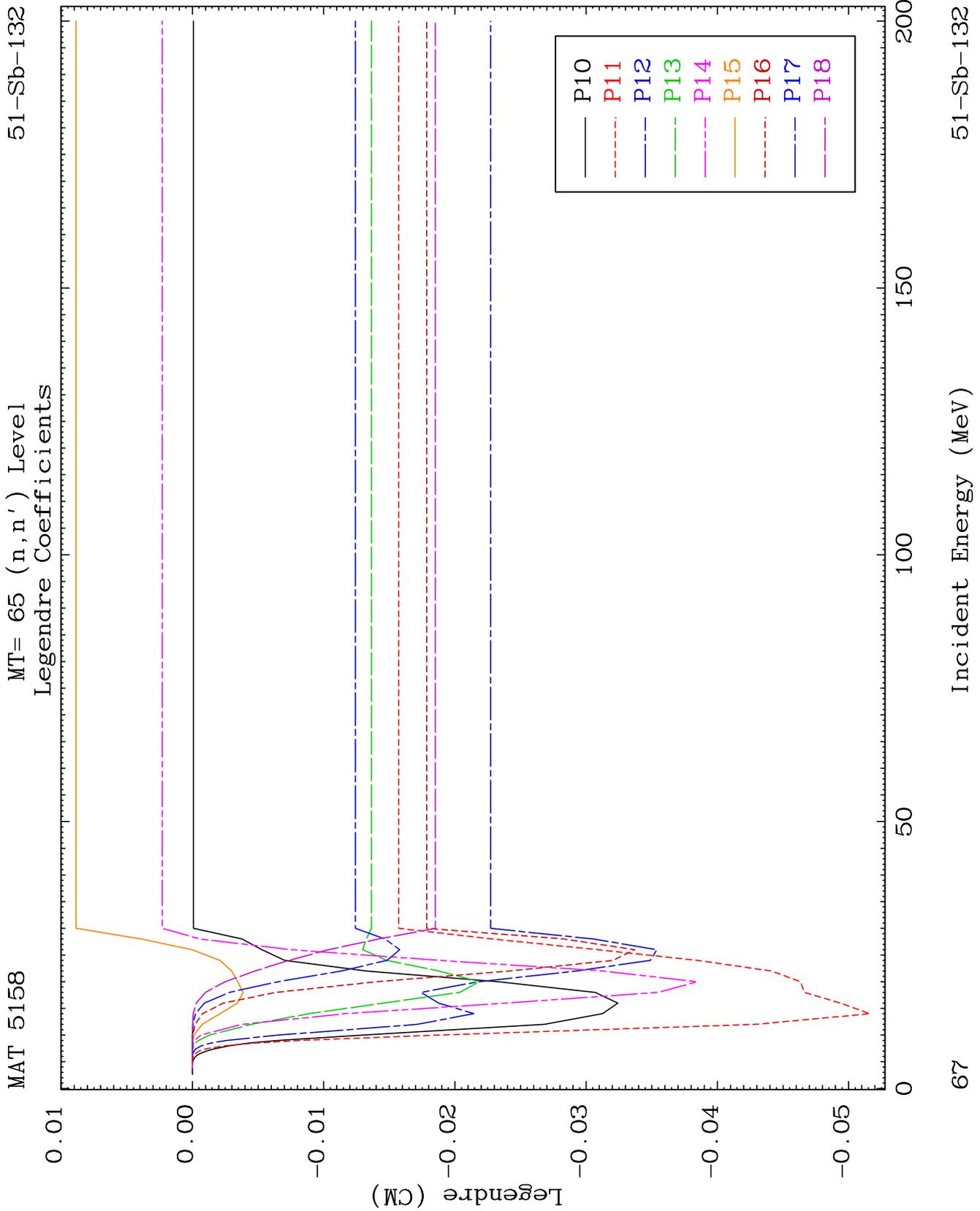
51-Sb-132



66

Incident Energy (MeV)

51-Sb-132

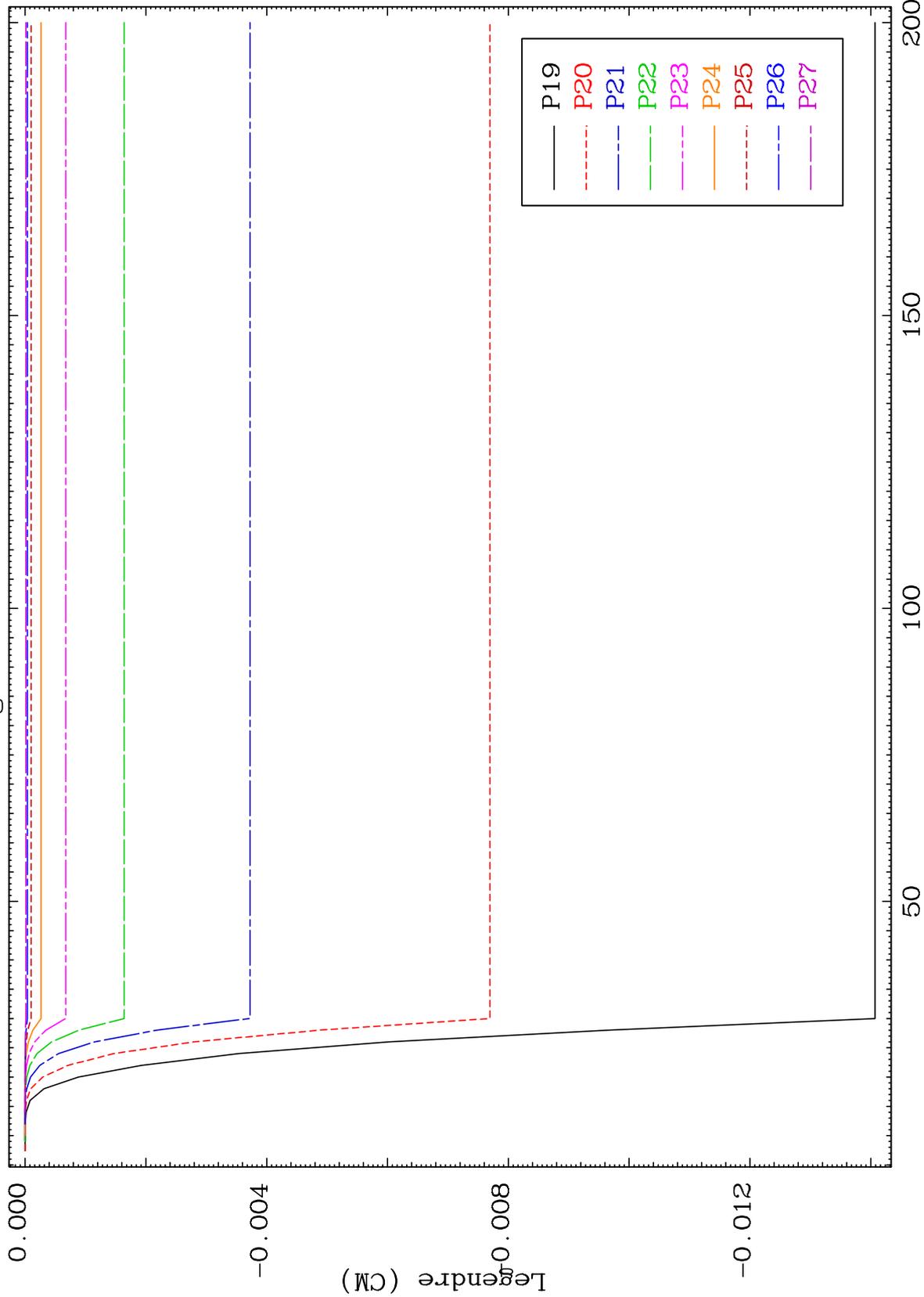


MAT 5158

MT= 65 (n,n') Level

51-Sb-132

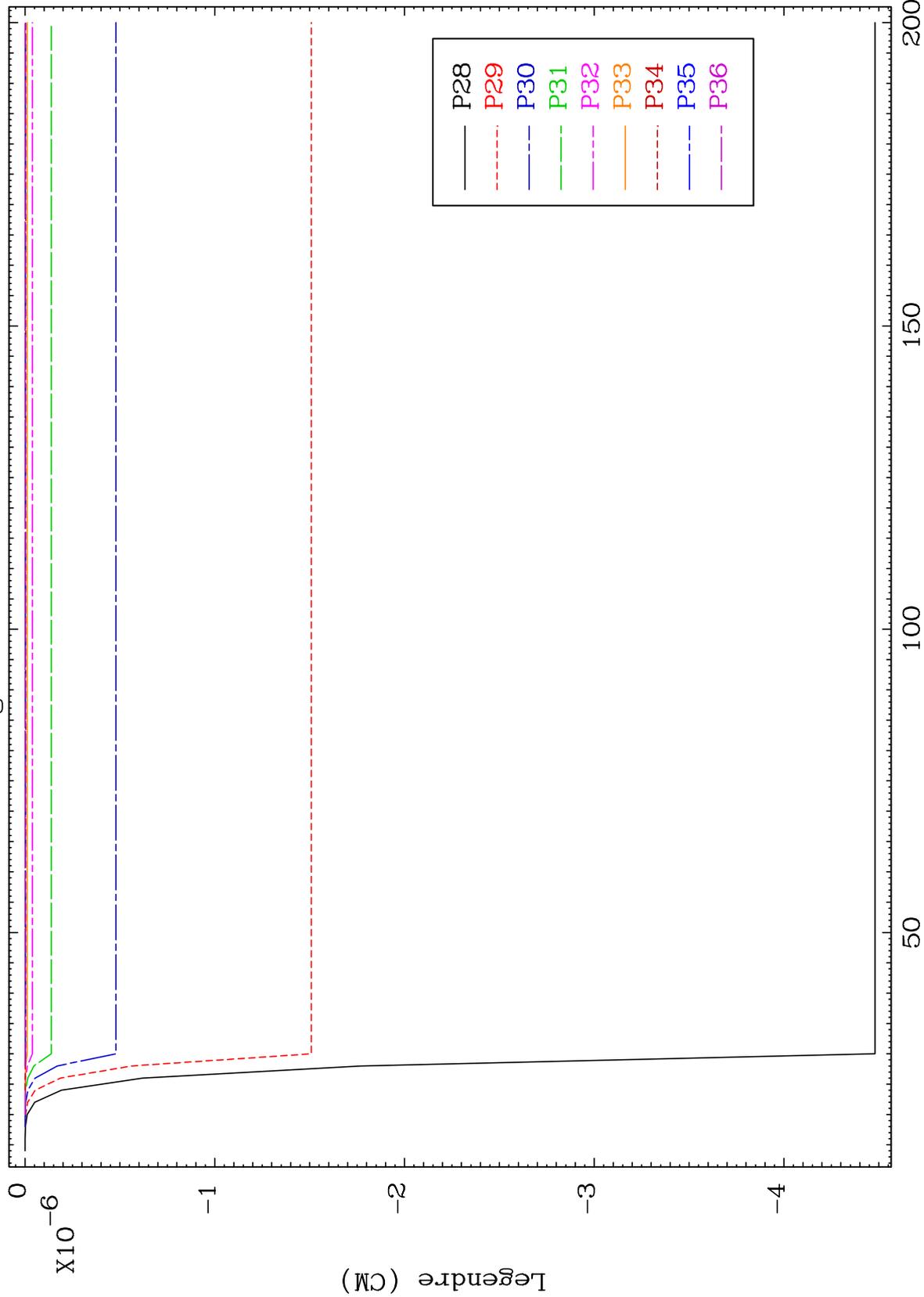
Legendre Coefficients



MAT 5158

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

51-Sb-132



69

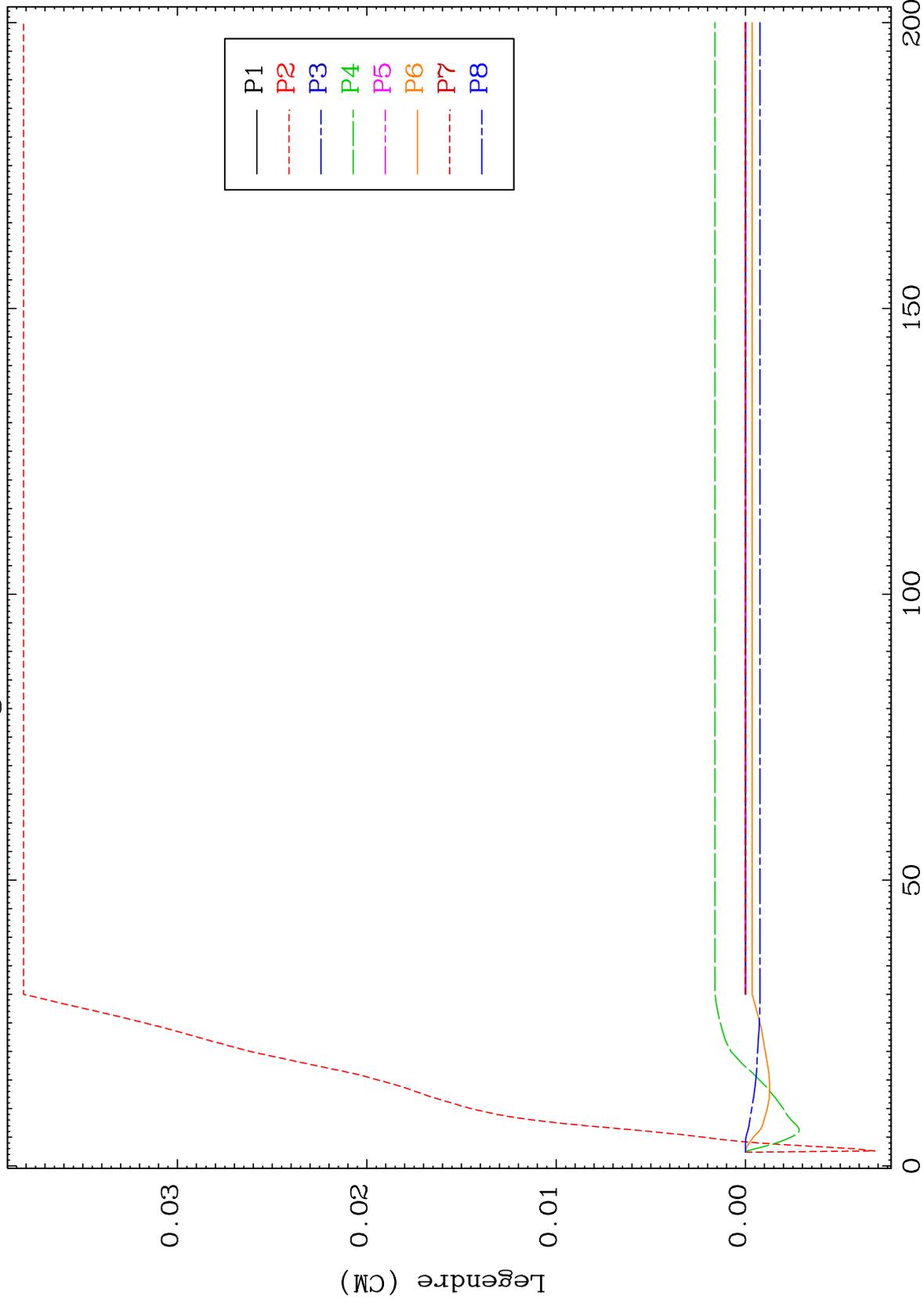
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



51-Sb-132

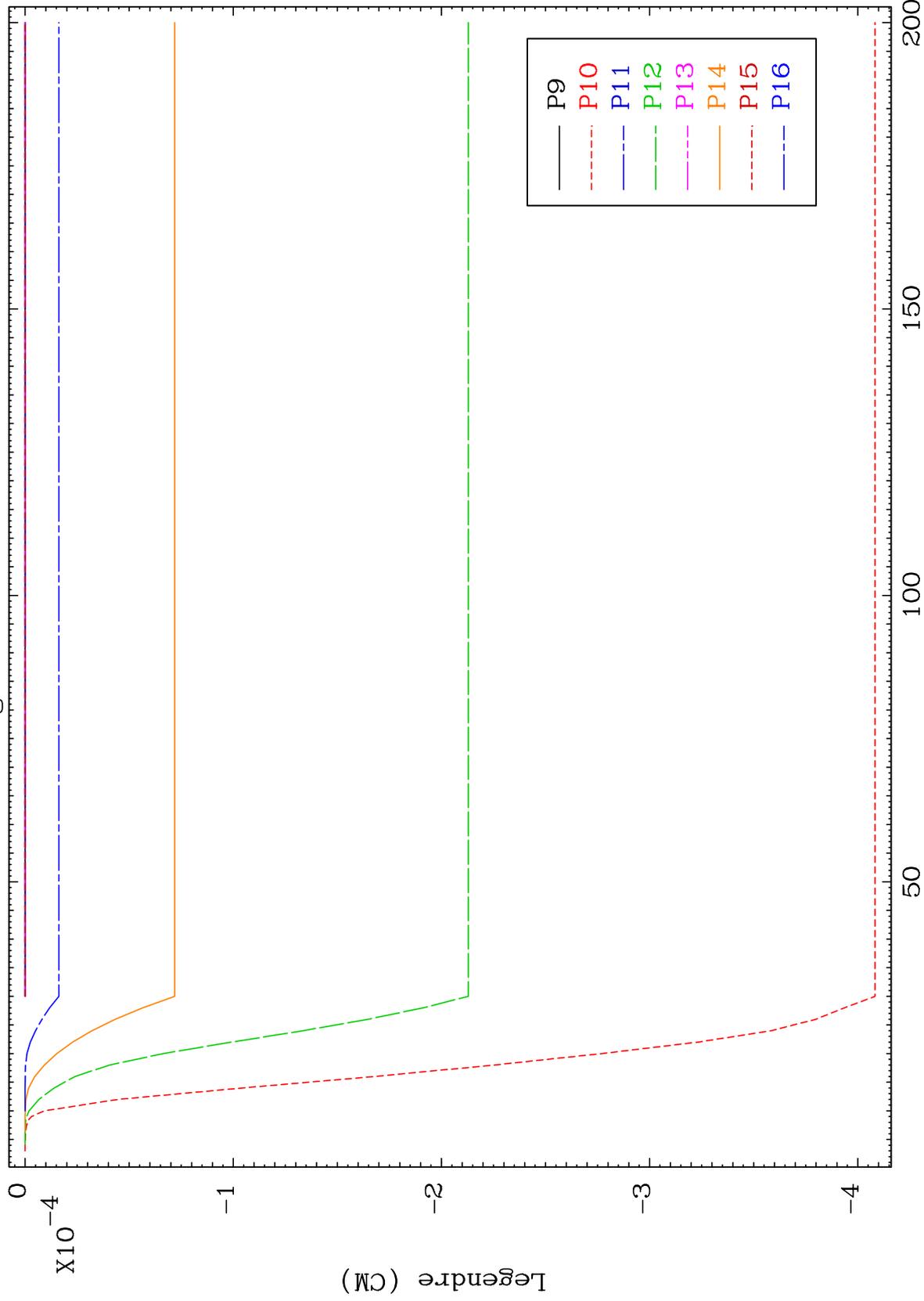
Incident Energy (MeV)

70

MAT 5158

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

51-Sb-132



71

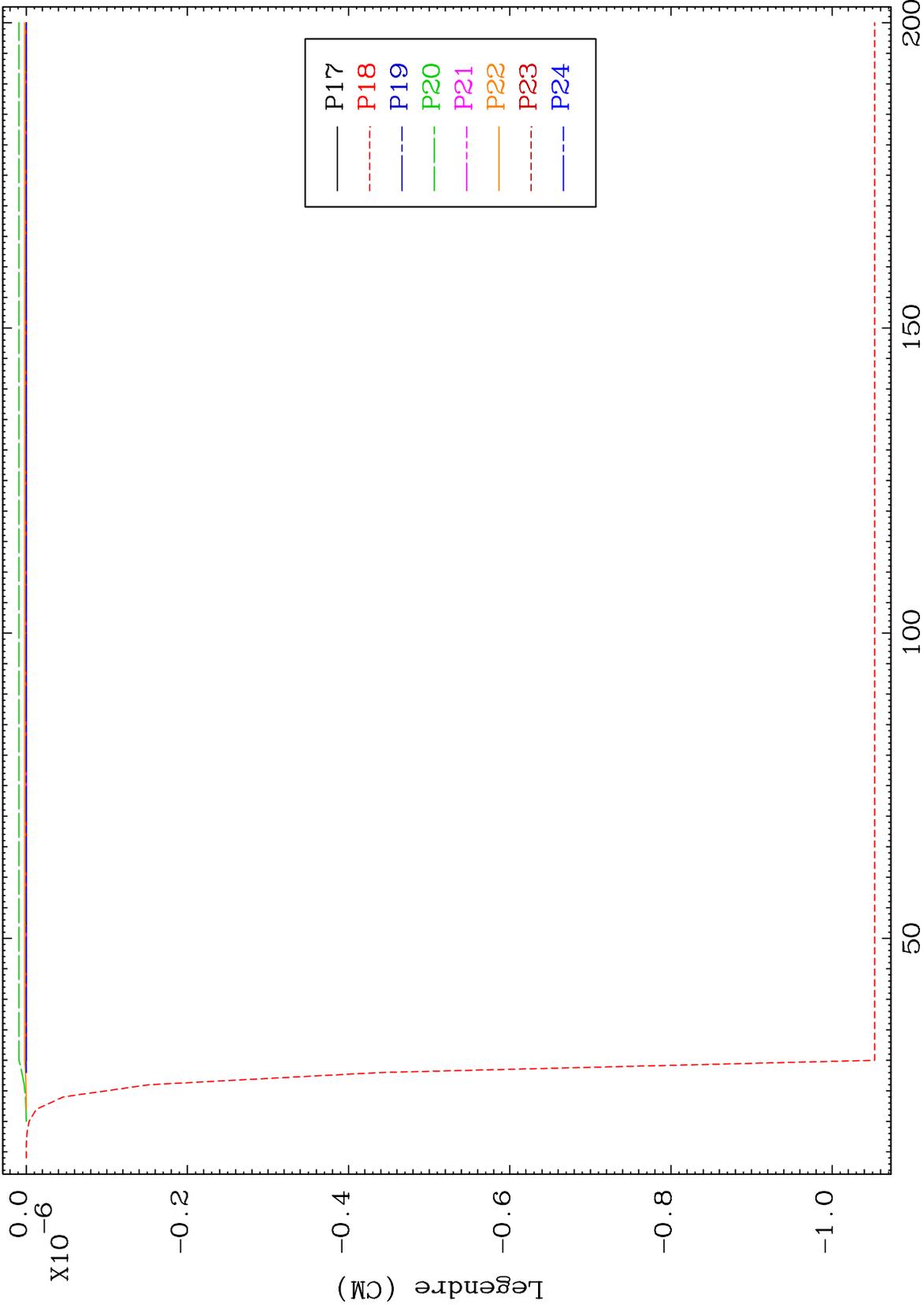
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



72

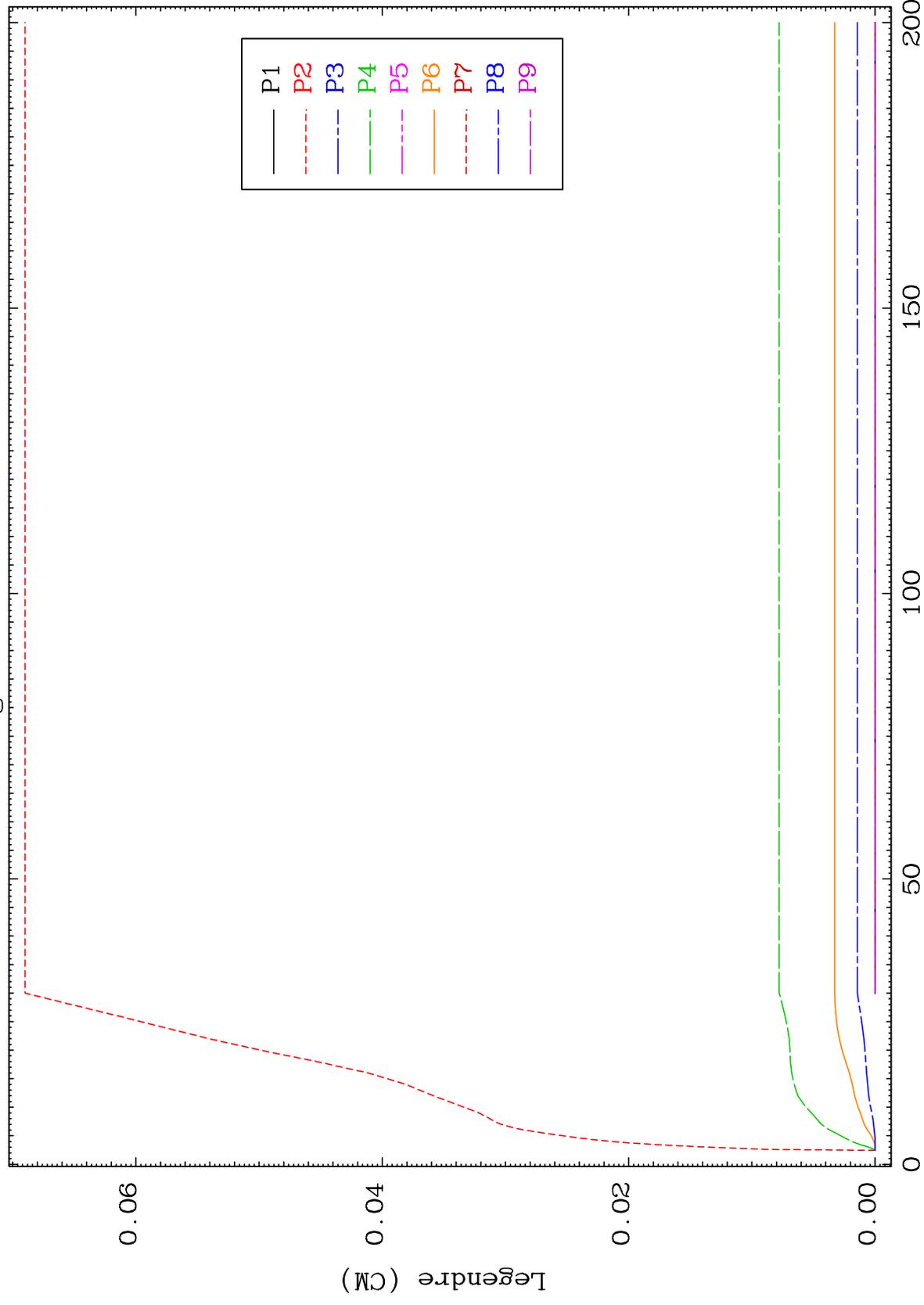
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

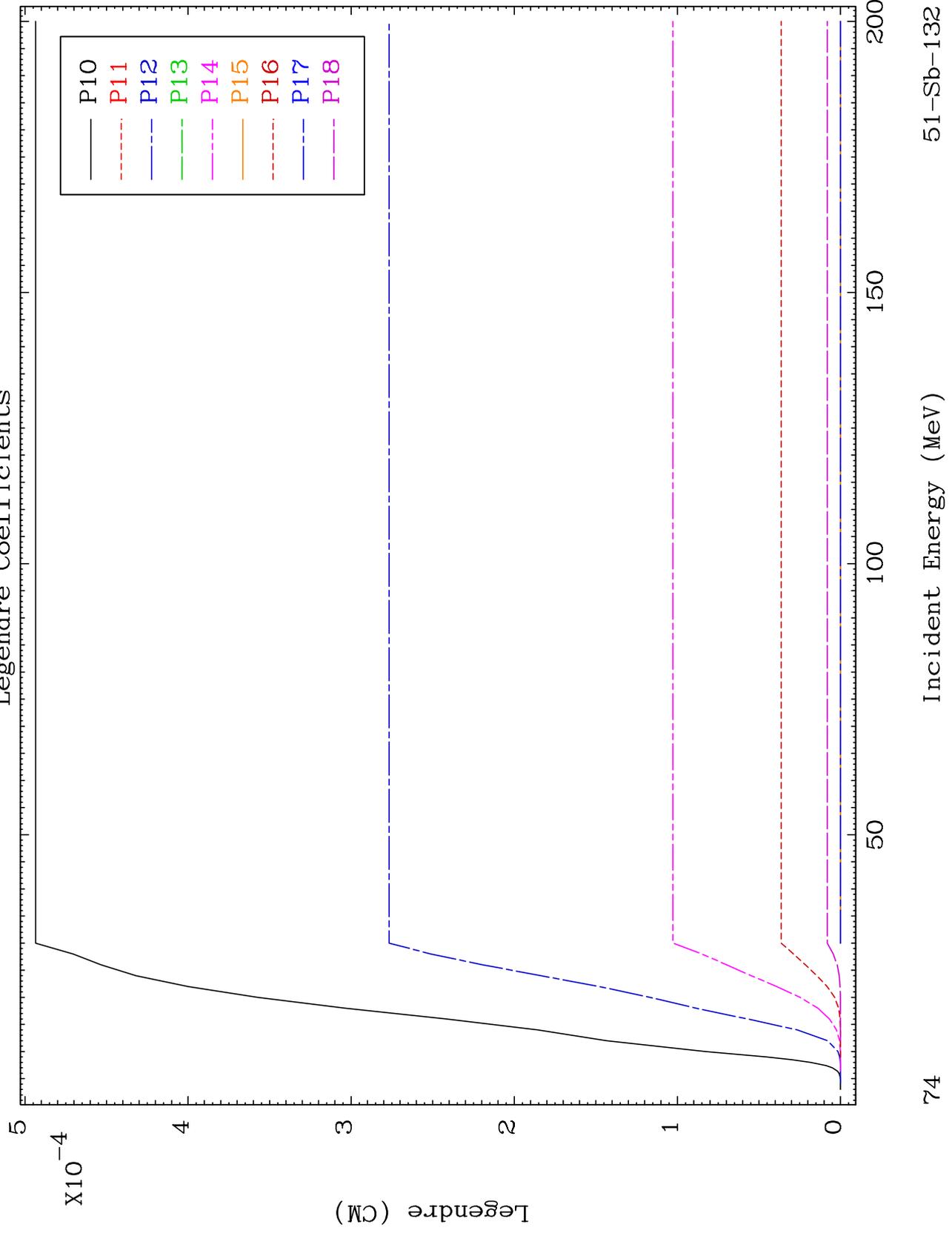
51-Sb-132



73

Incident Energy (MeV)

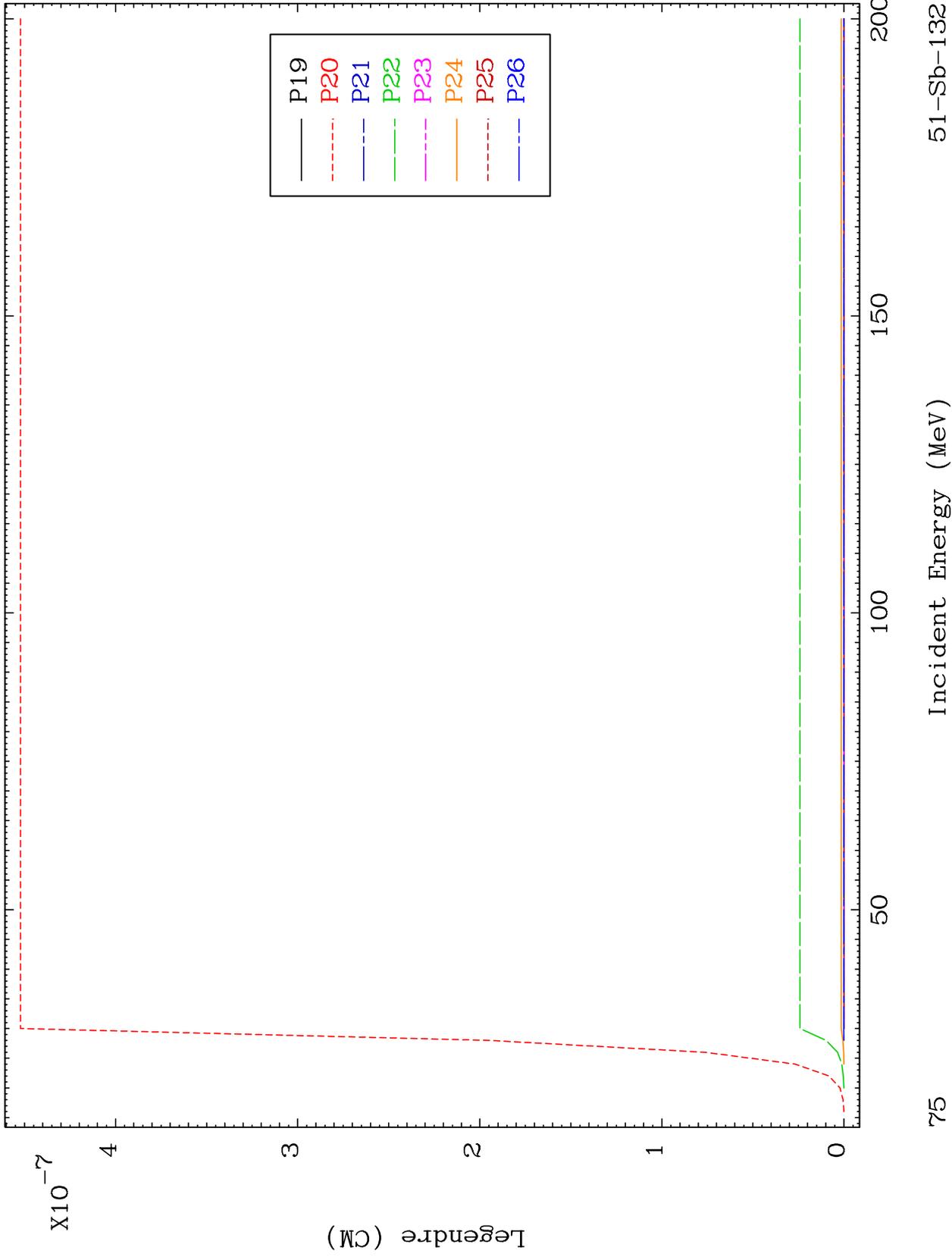
51-Sb-132



MAT 5158

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

51-Sb-132



75

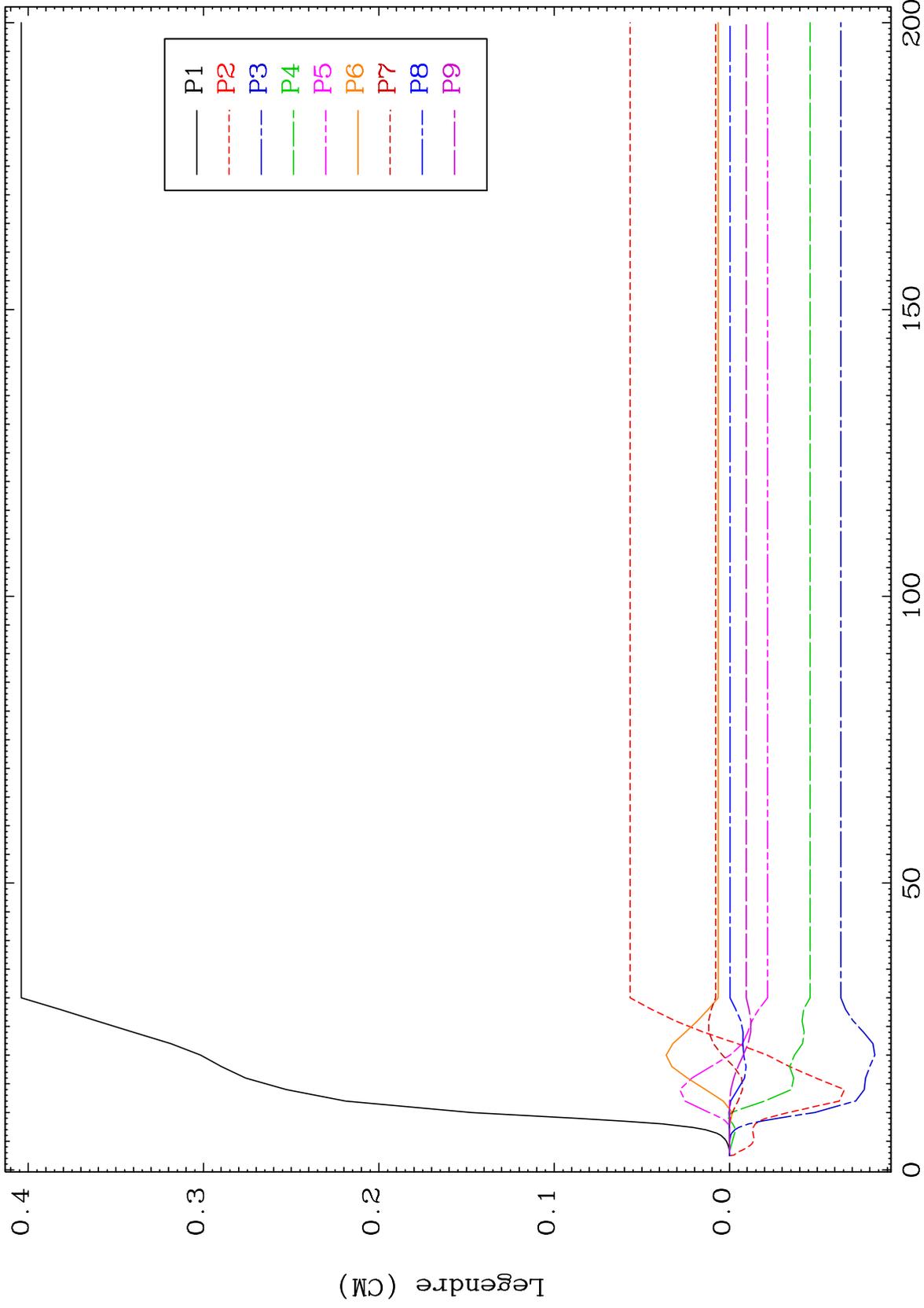
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



76

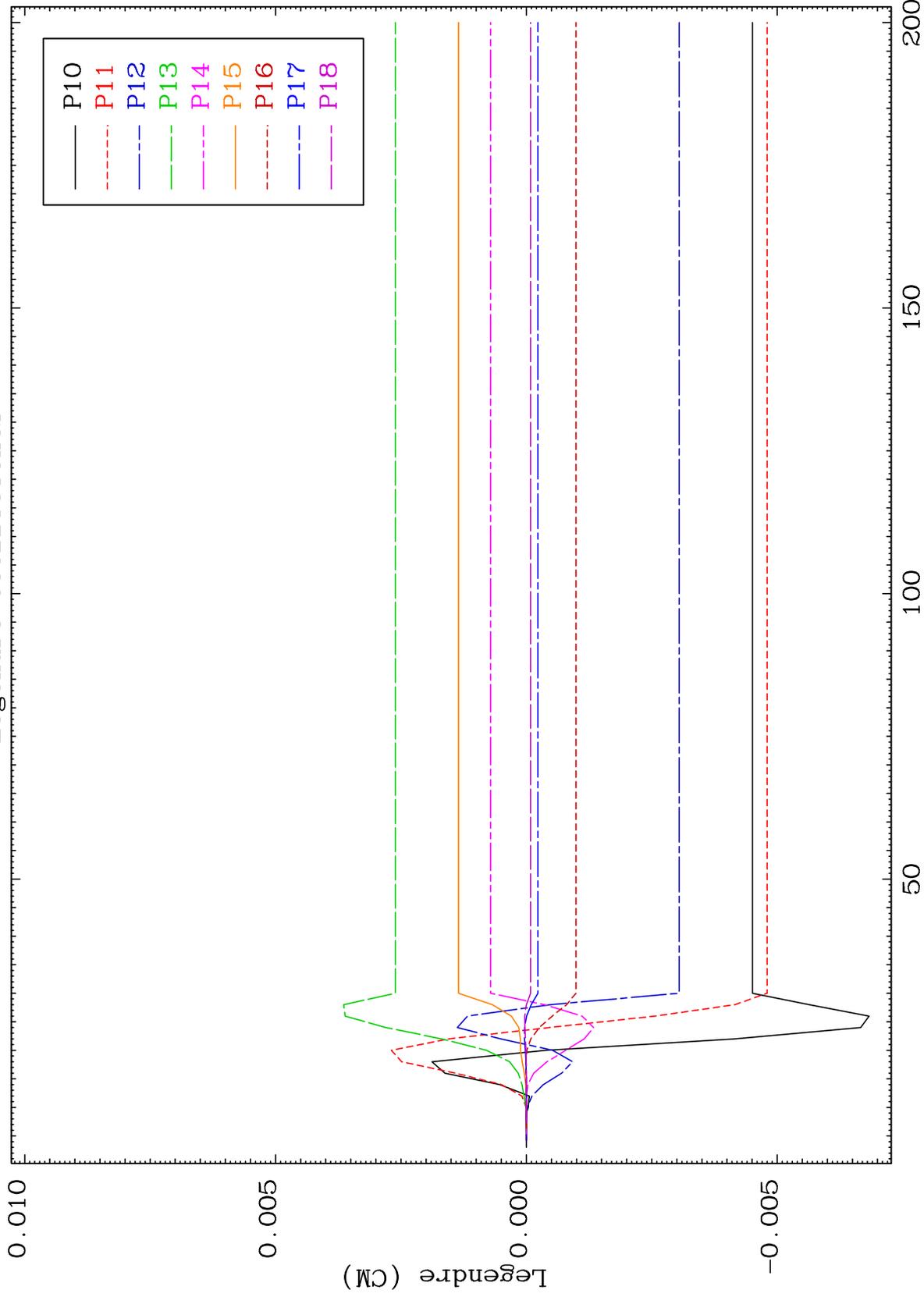
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



77

Incident Energy (MeV)

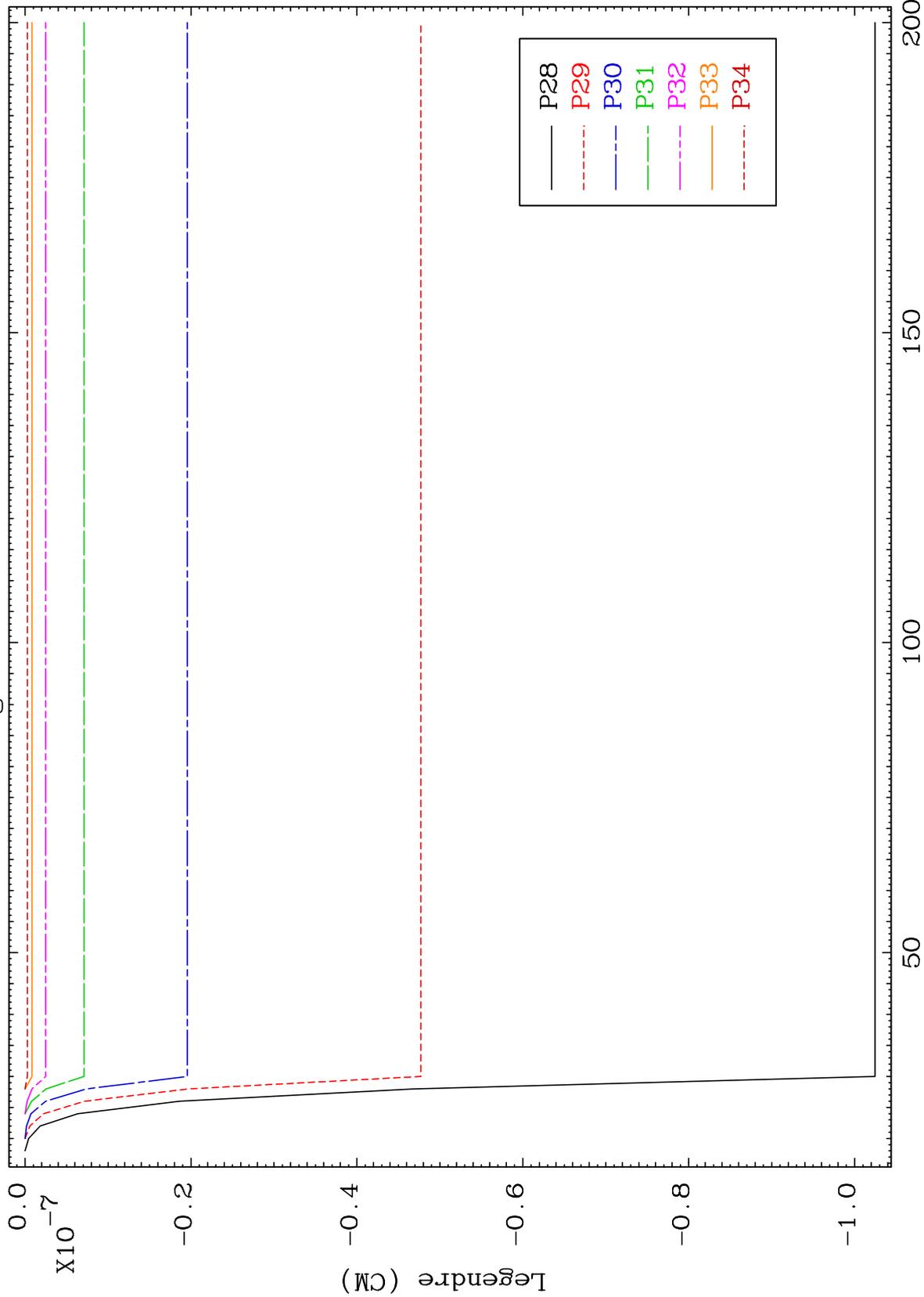
51-Sb-132

MAT 5158

MT= 68 (n,n') Level

51-Sb-132

Legendre Coefficients



79

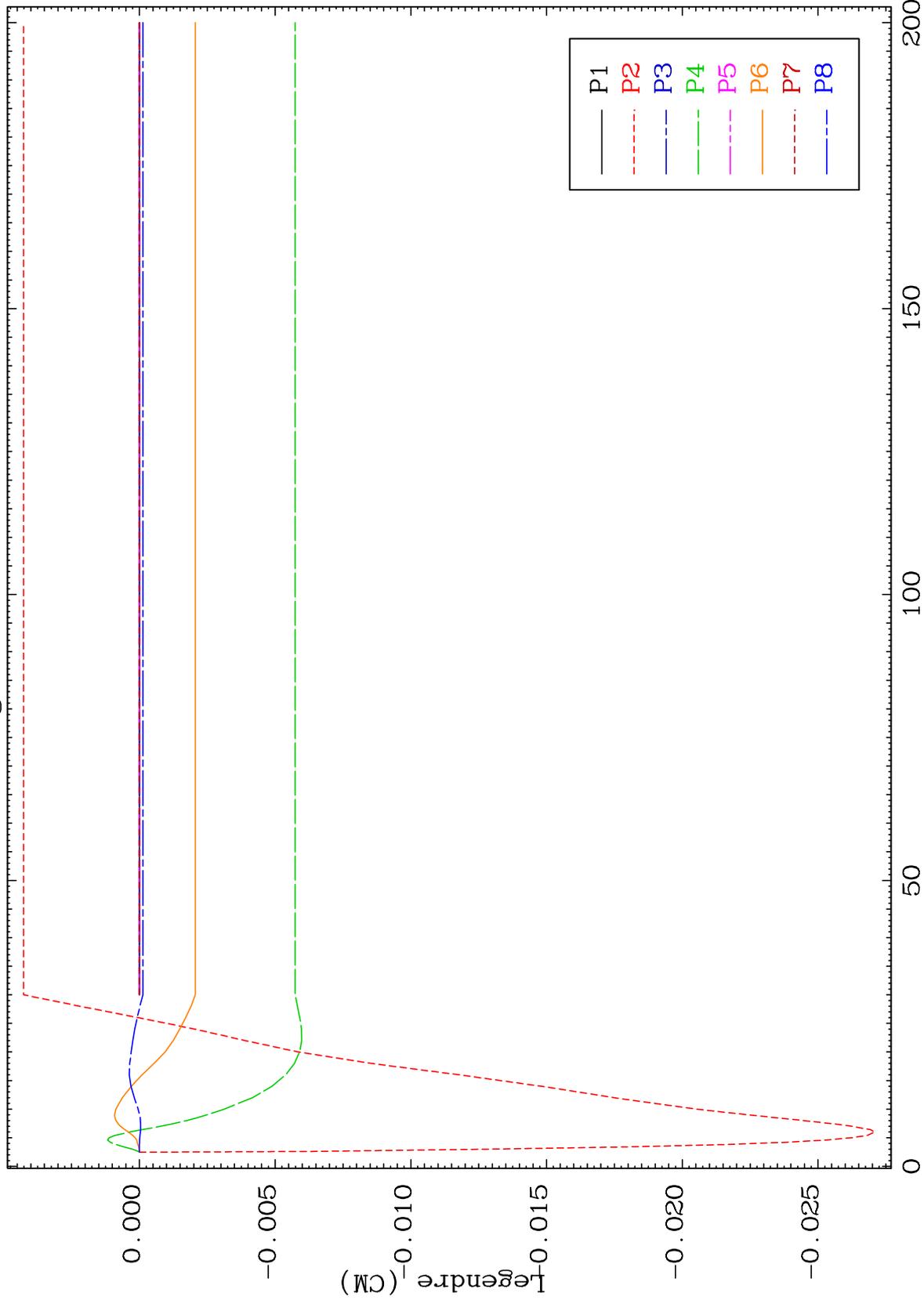
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

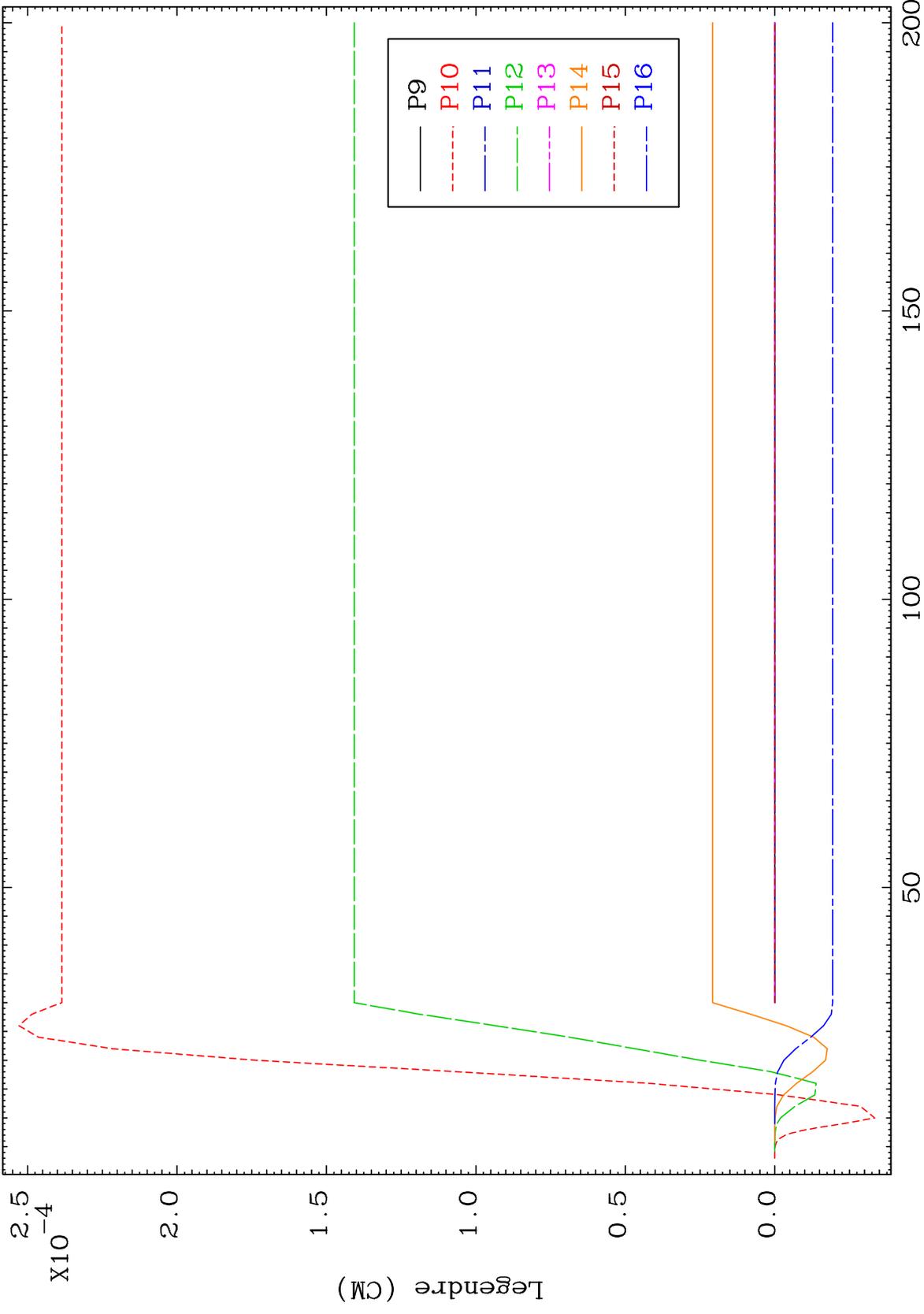
51-Sb-132



51-Sb-132

Incident Energy (MeV)

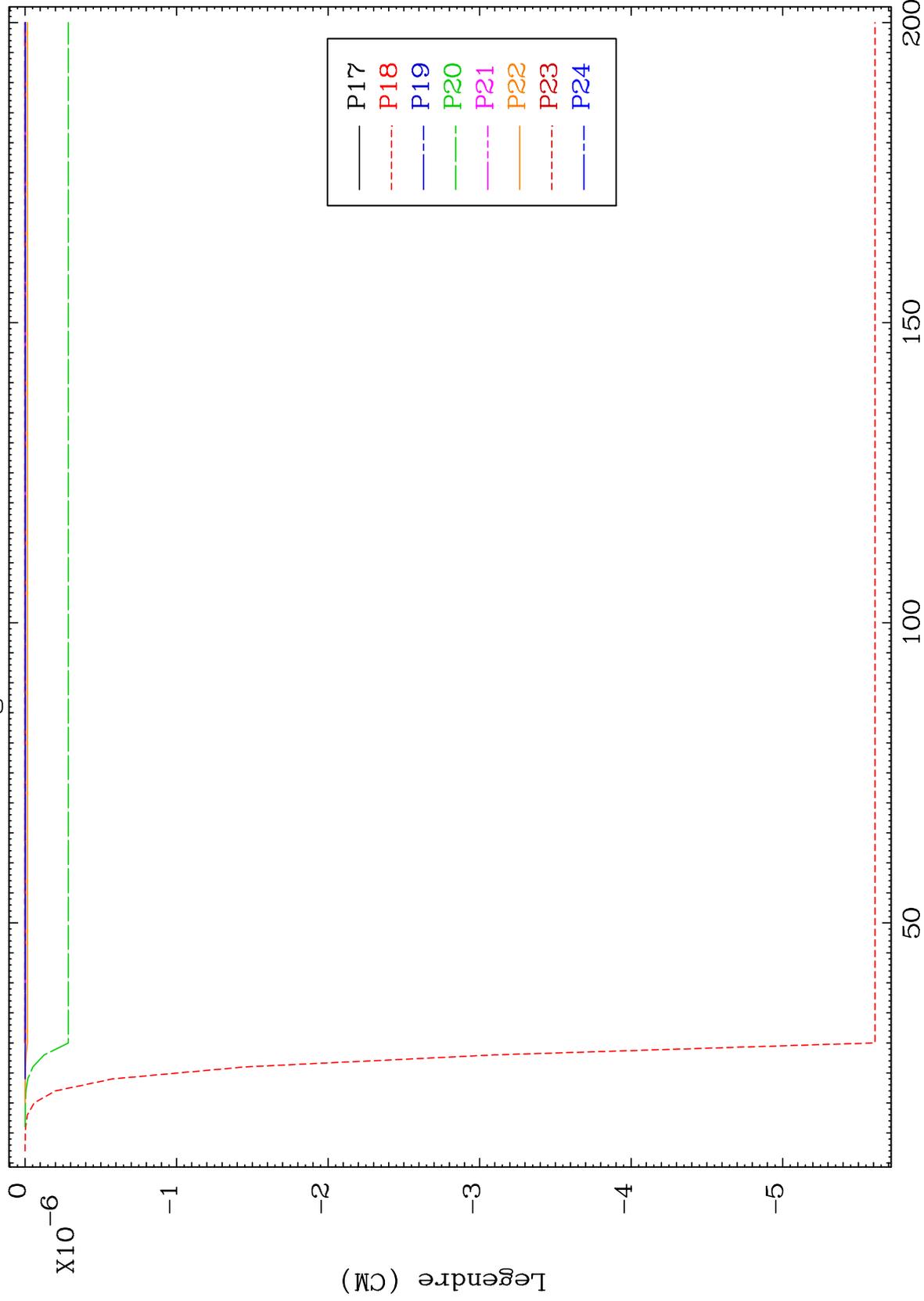
80



MAT 5158

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

51-Sb-132



82

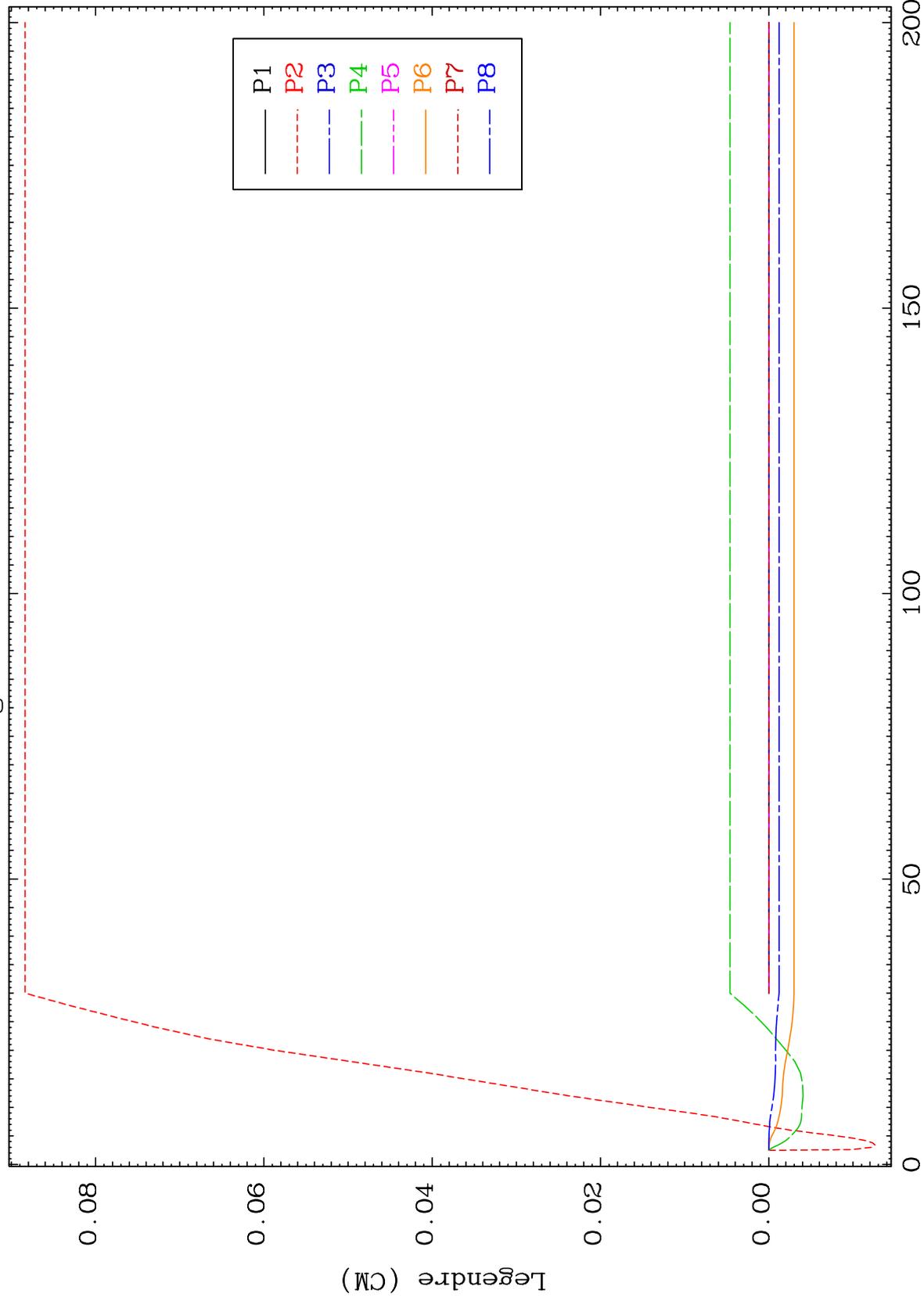
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

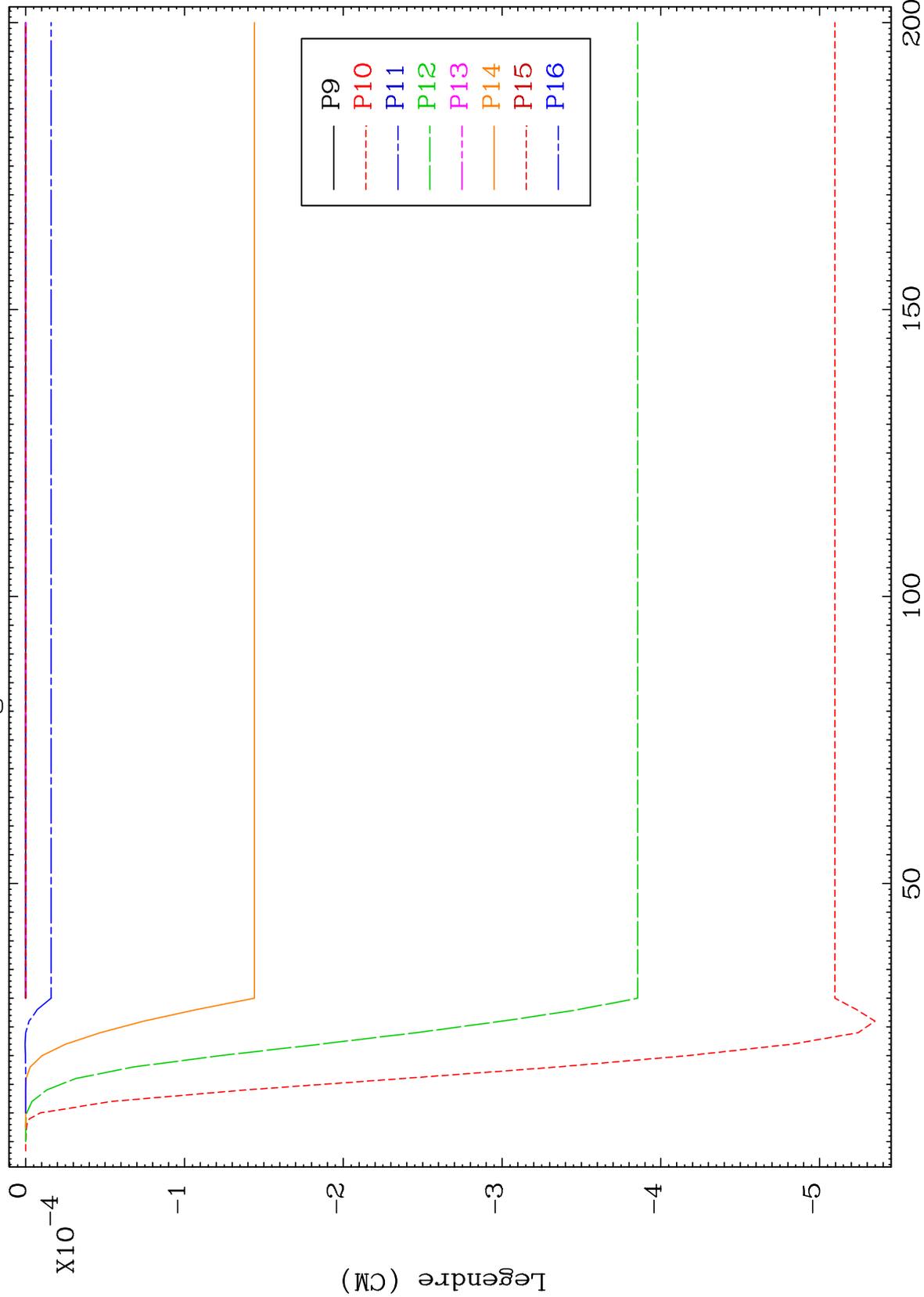
51-Sb-132

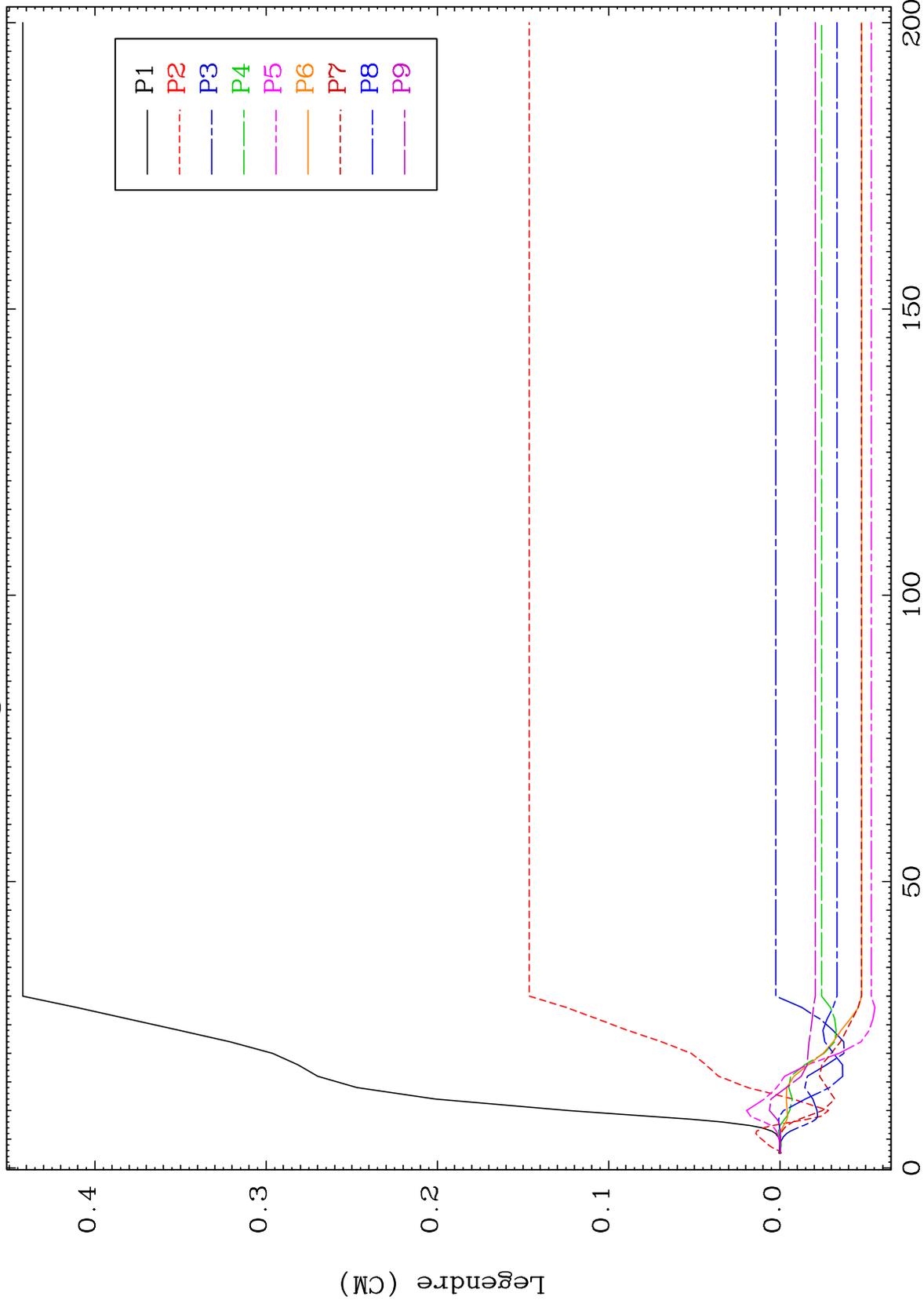


83

Incident Energy (MeV)

51-Sb-132

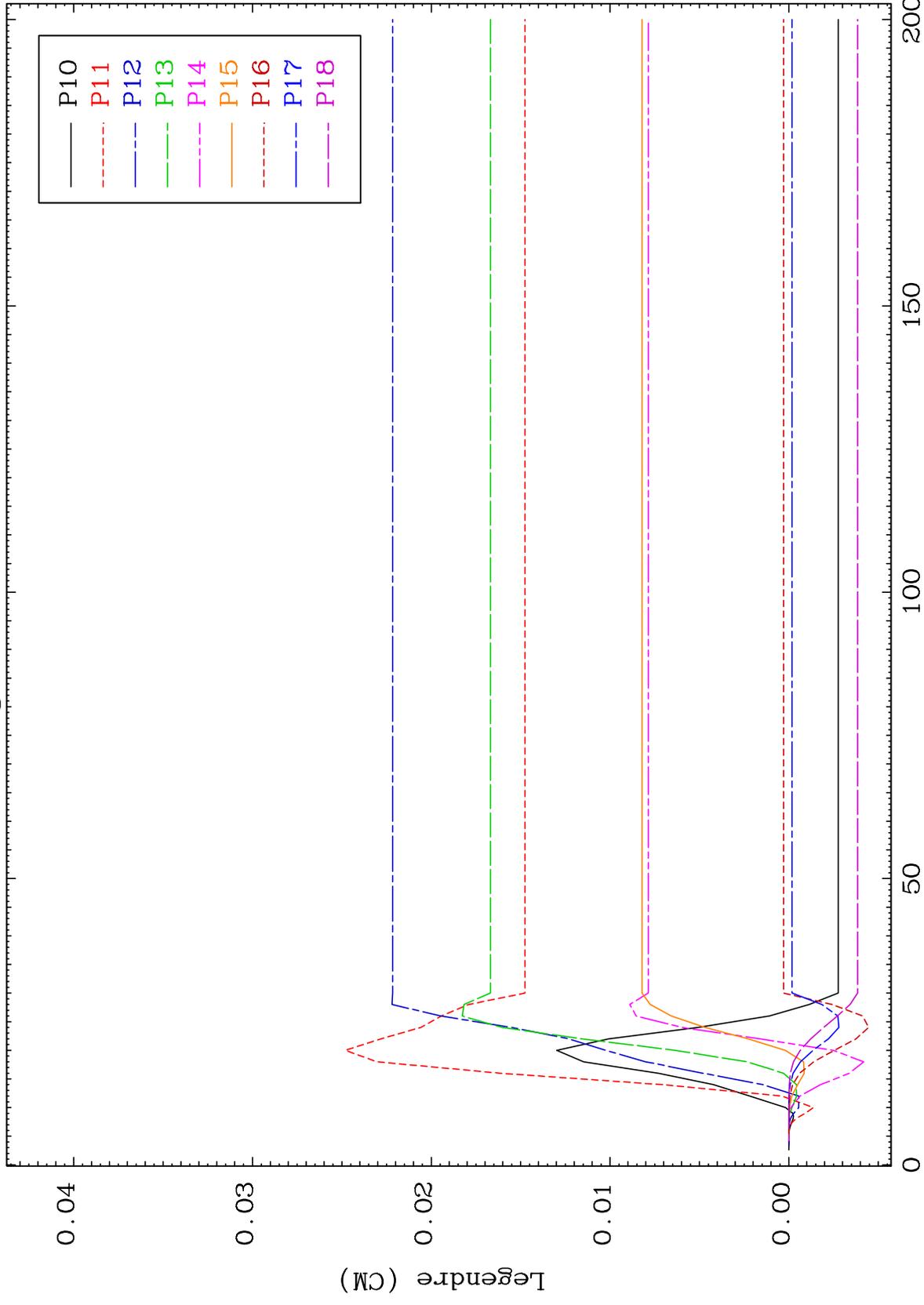




MAT 5158

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

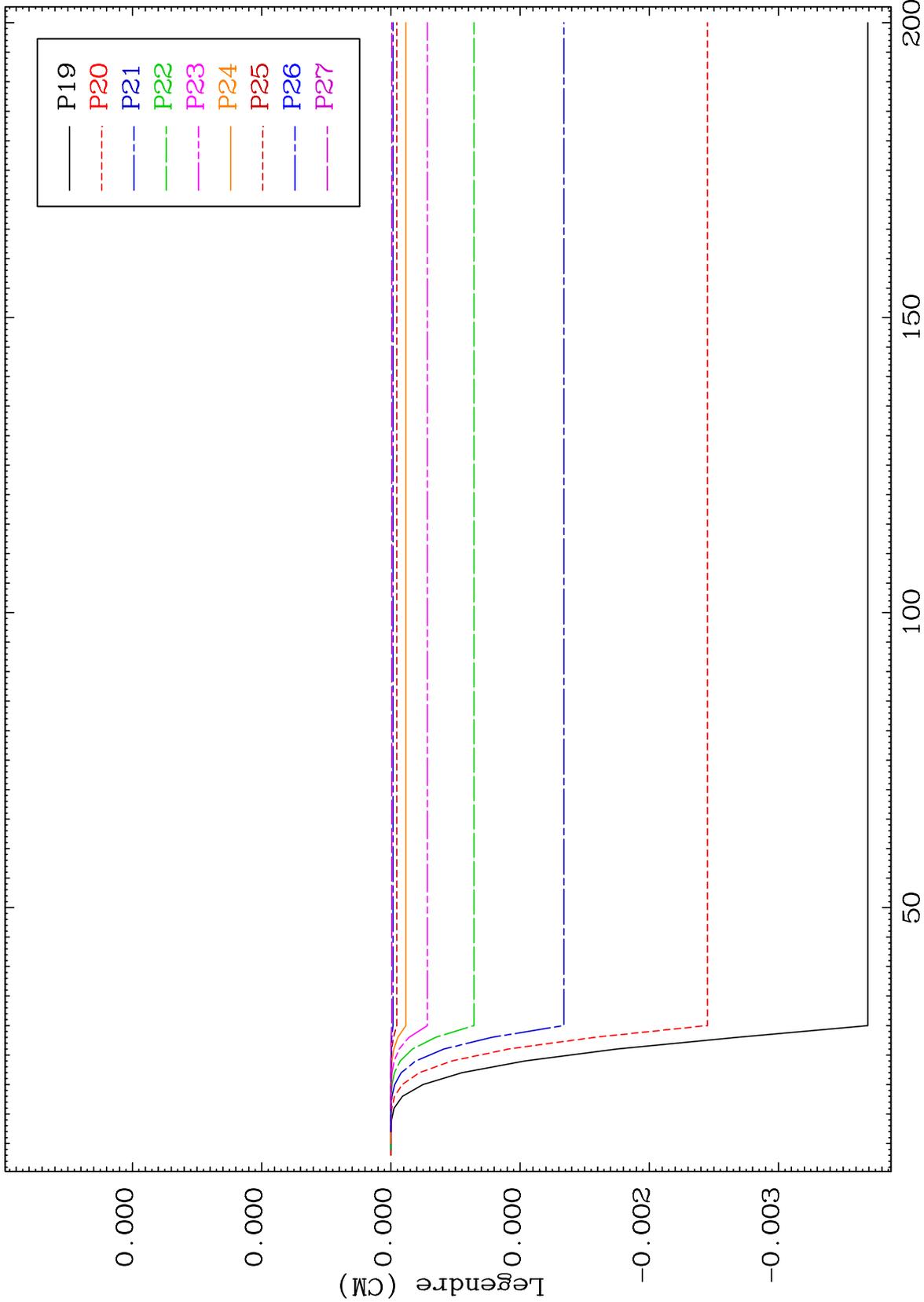
51-Sb-132

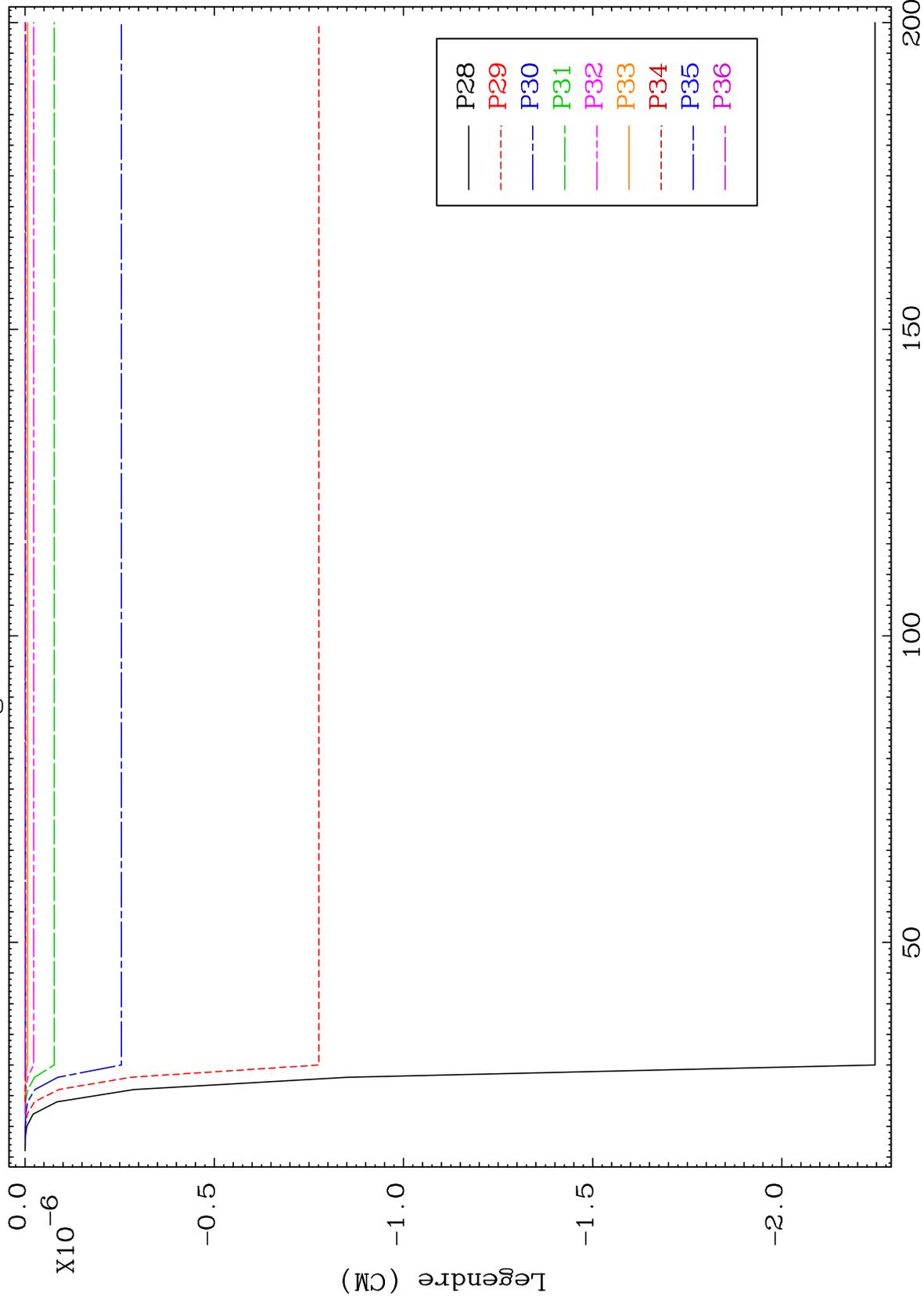


87

Incident Energy (MeV)

51-Sb-132

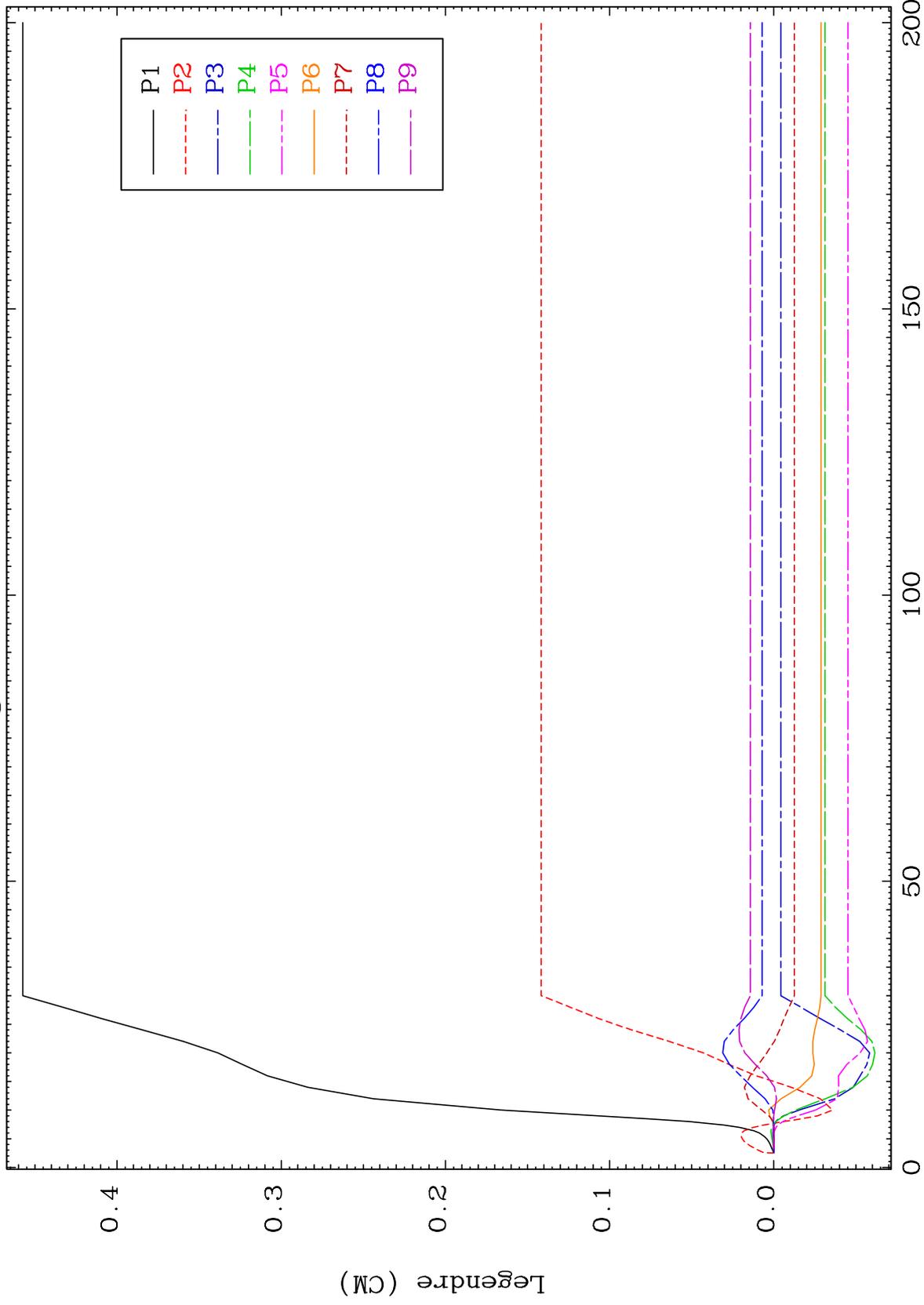




MAT 5158

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

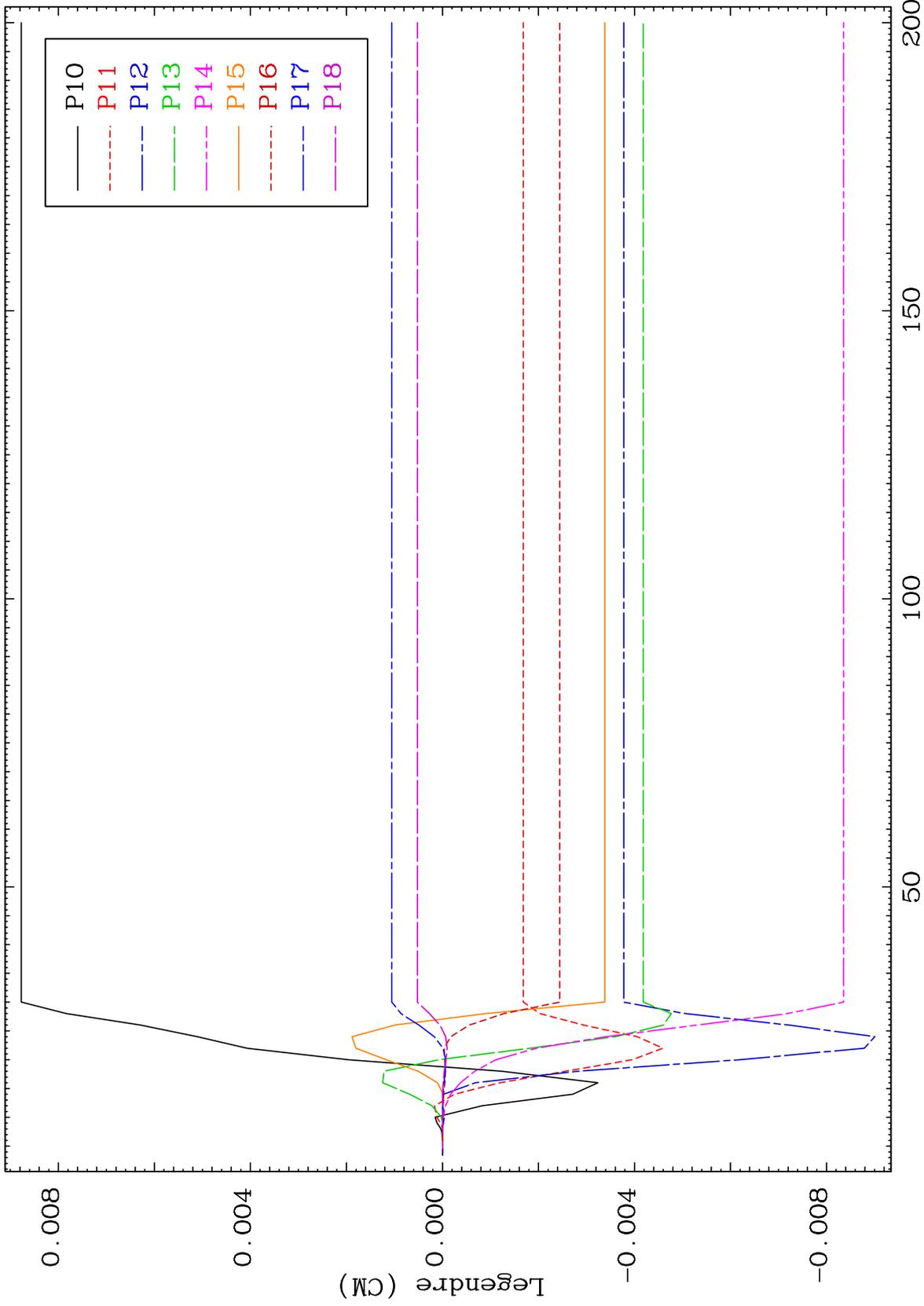
51-Sb-132

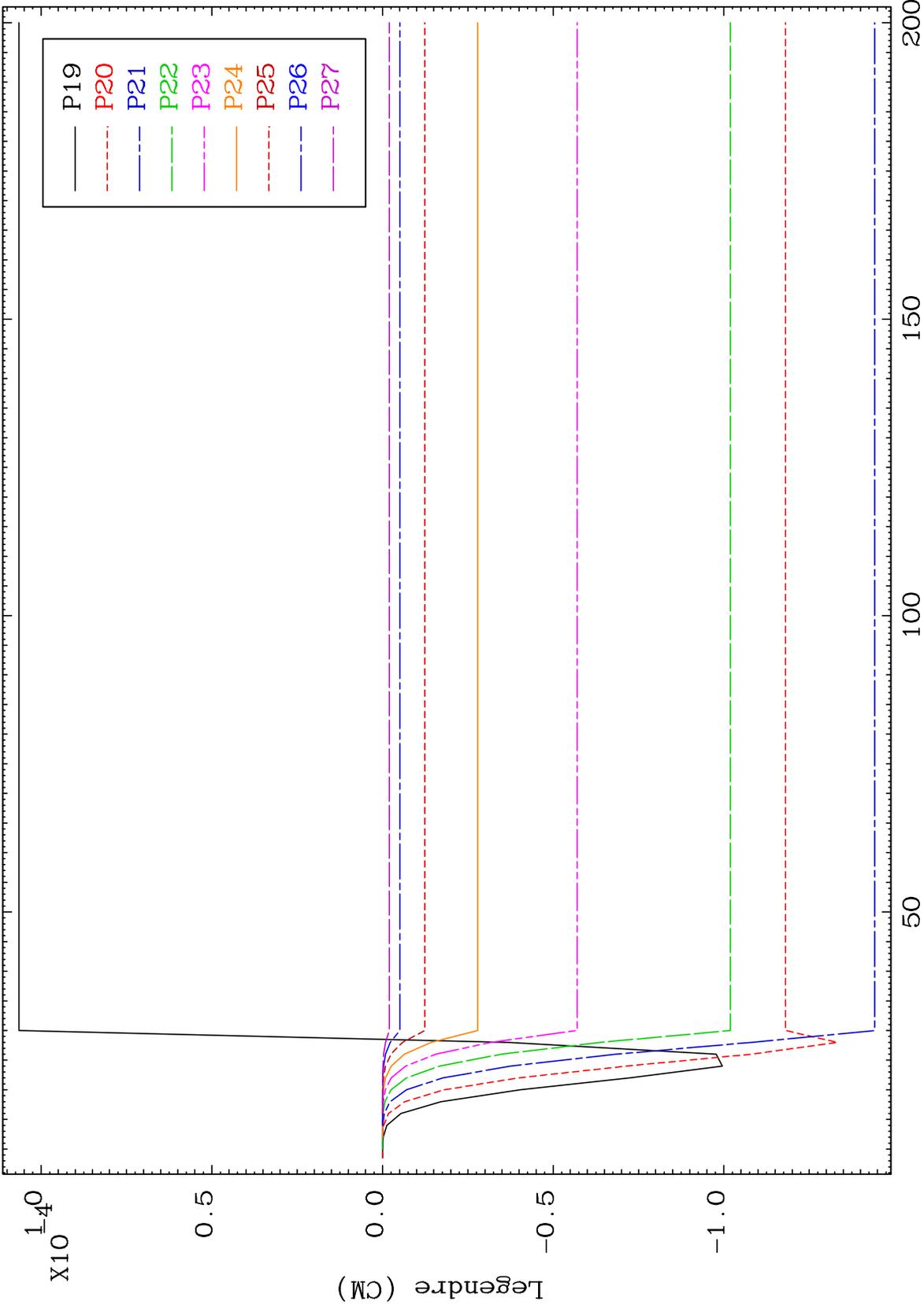


90

Incident Energy (MeV)

51-Sb-132



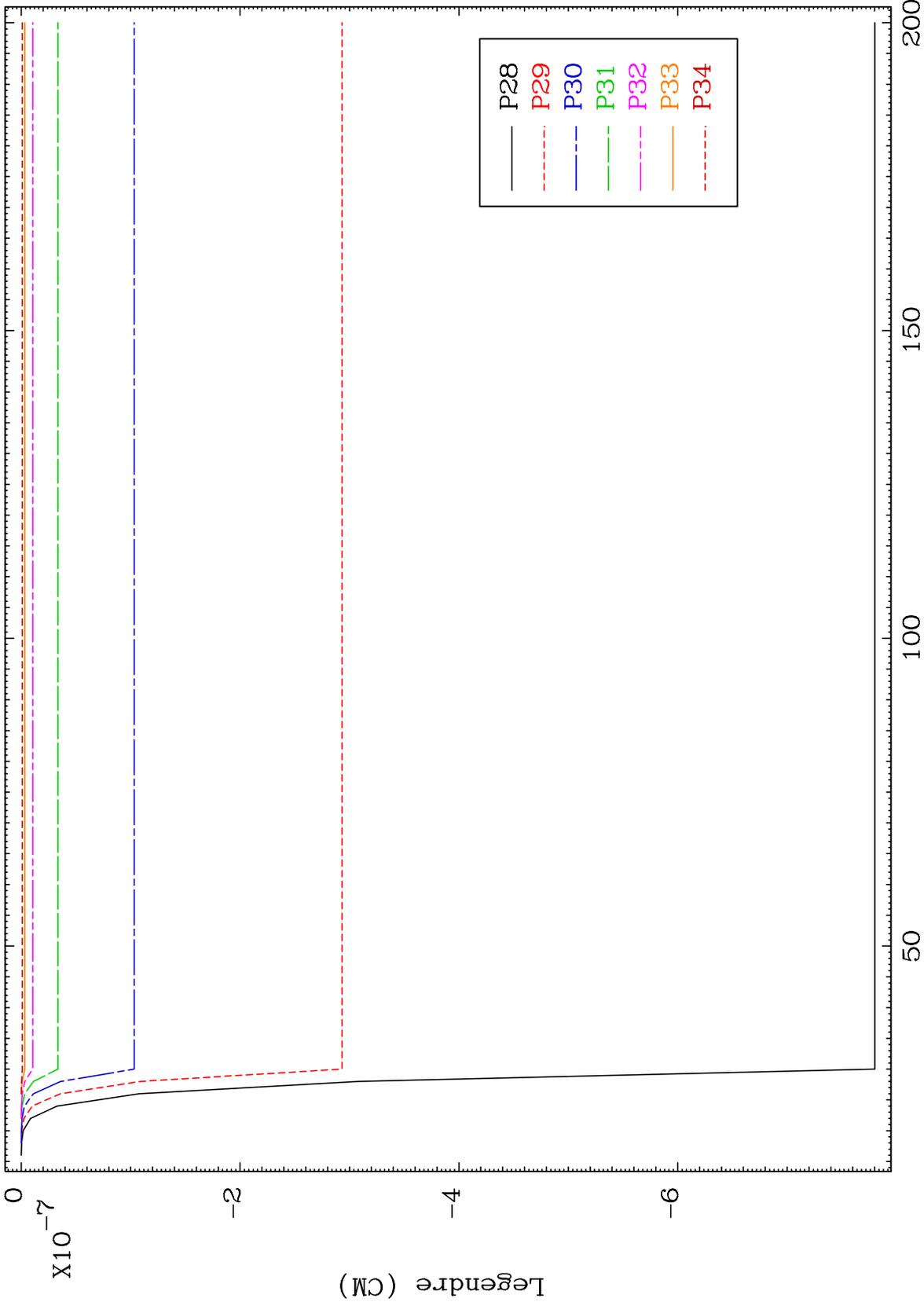


MAT 5158

MT= 72 (n,n') Level

51-Sb-132

Legendre Coefficients



93

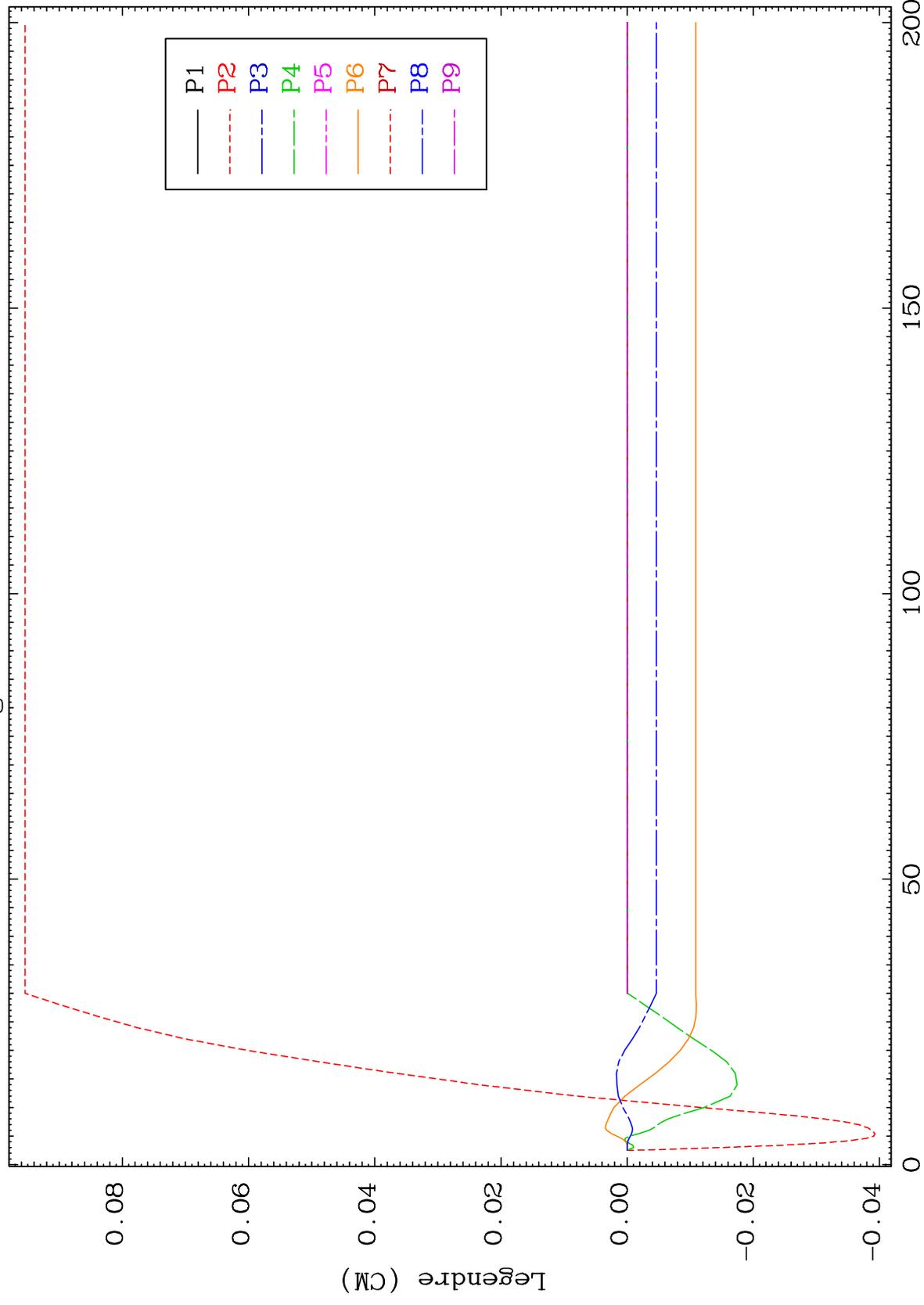
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



94

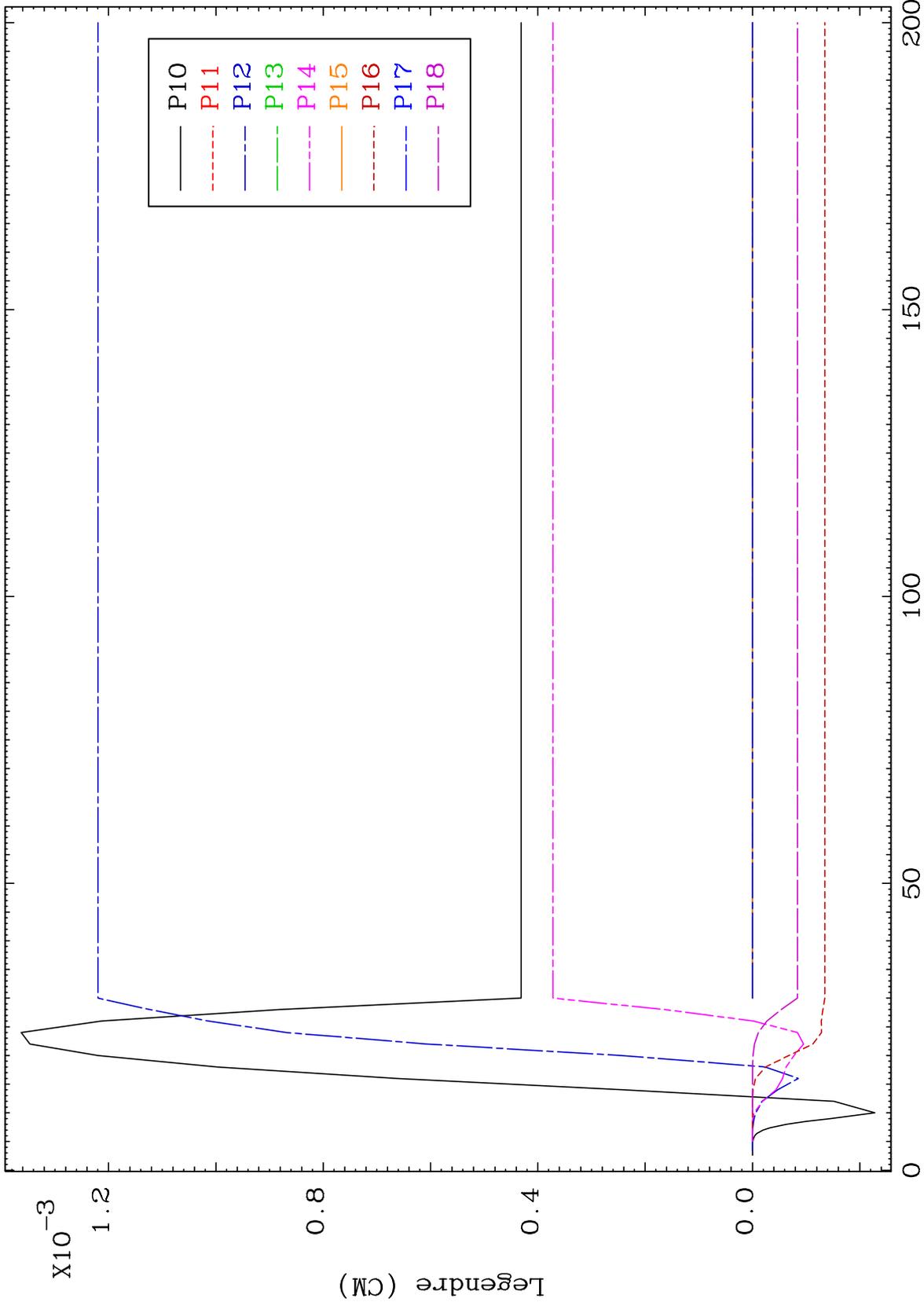
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



95

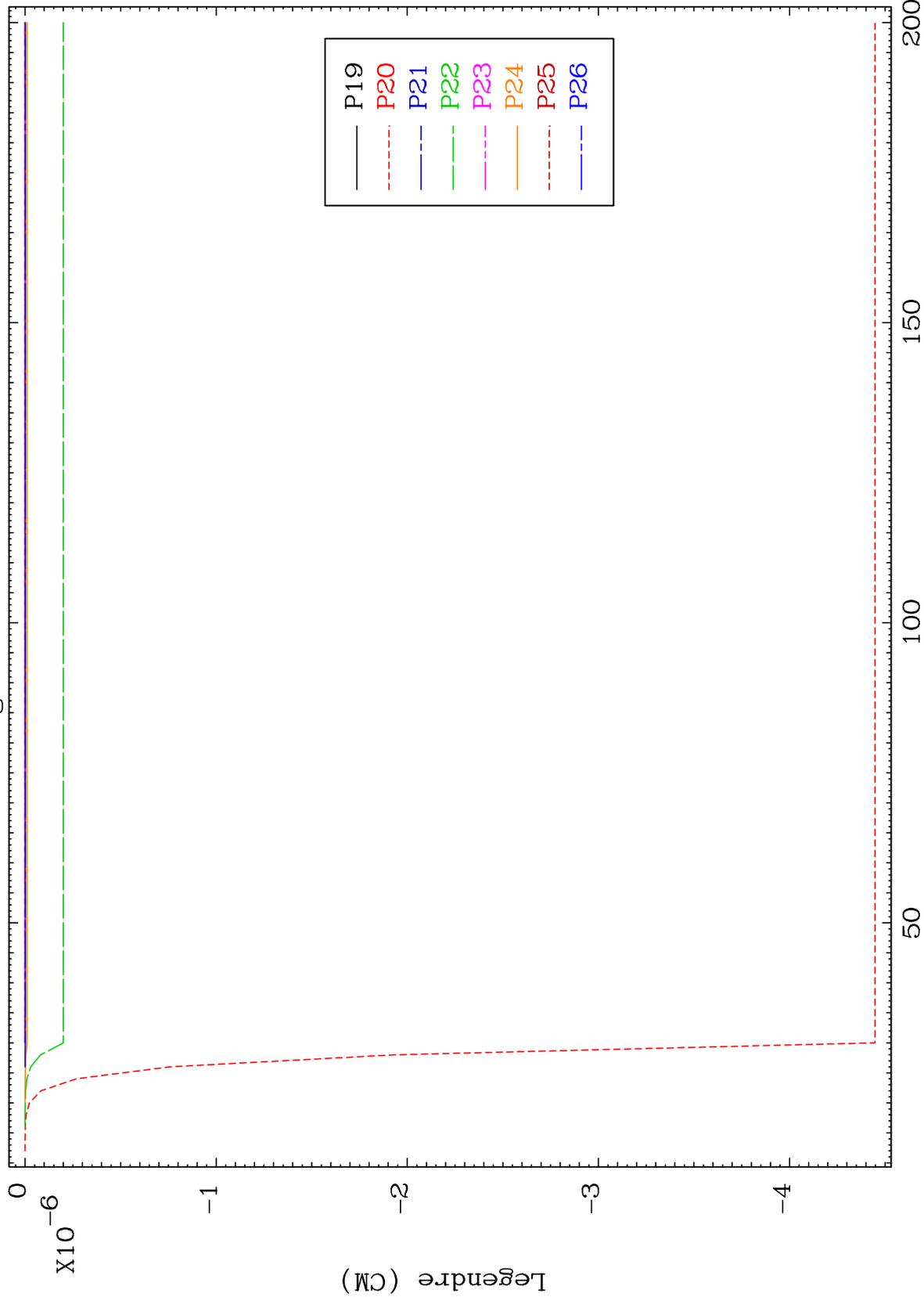
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



51-Sb-132

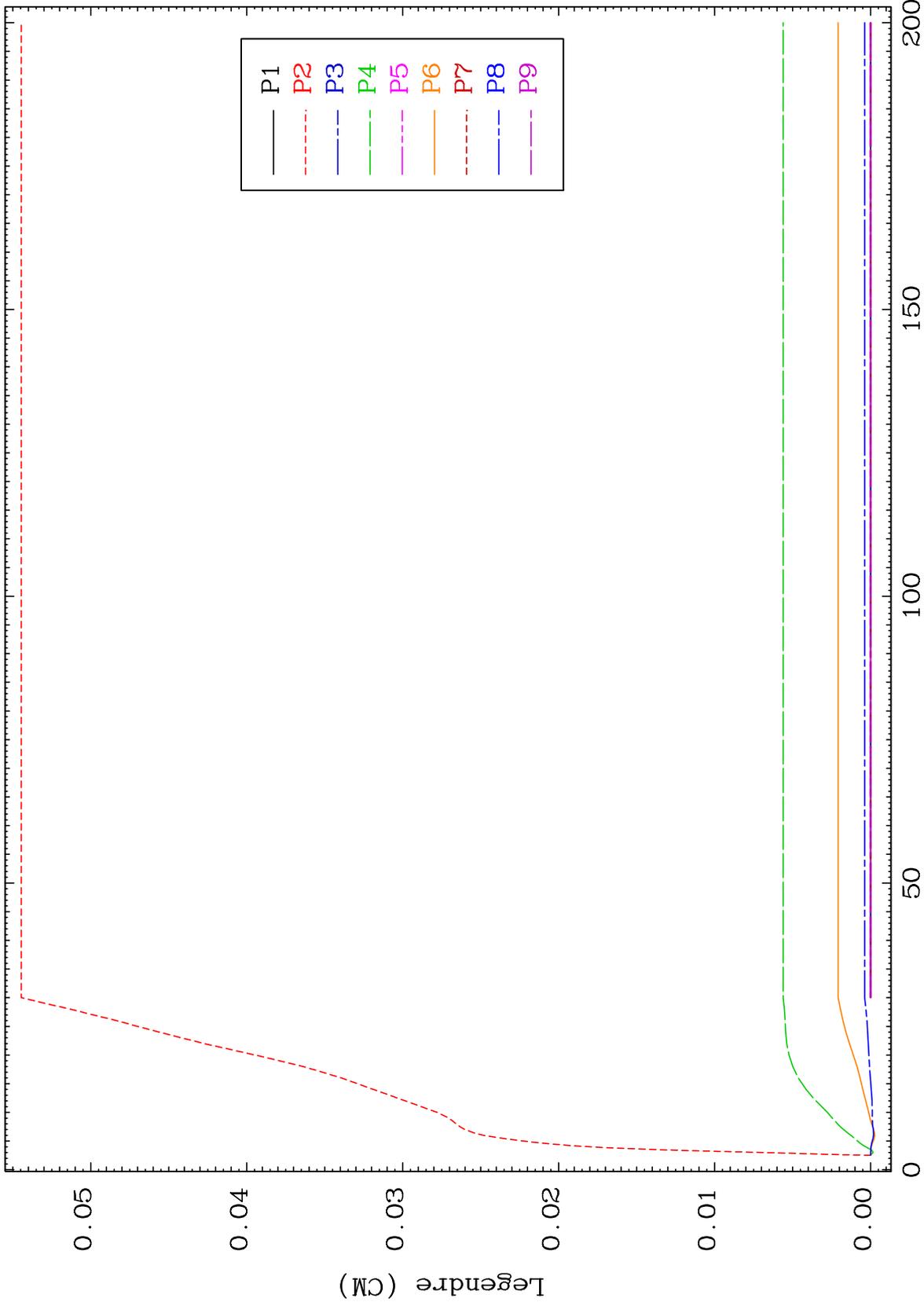
Incident Energy (MeV)

96

MAT 5158

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

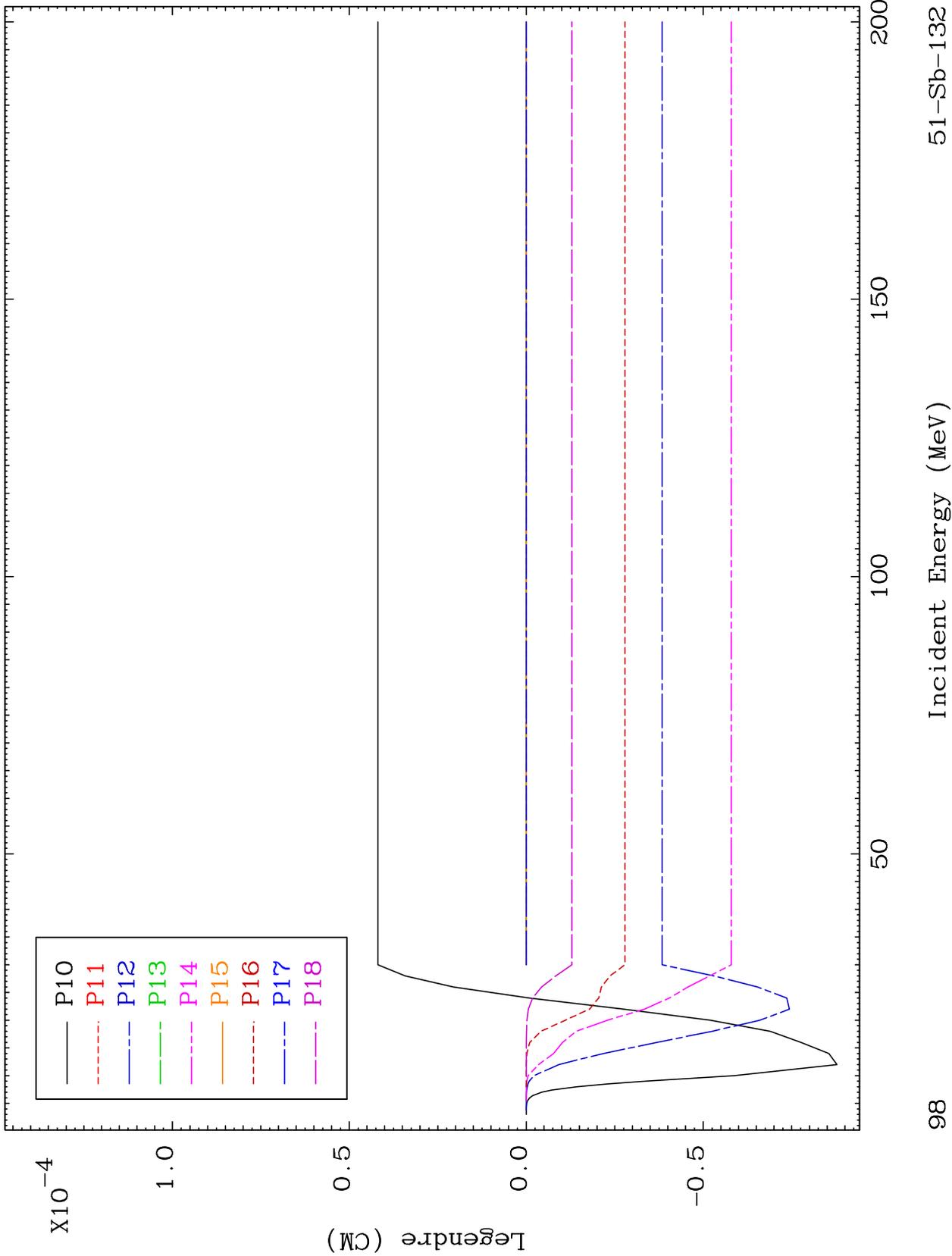
51-Sb-132



97

Incident Energy (MeV)

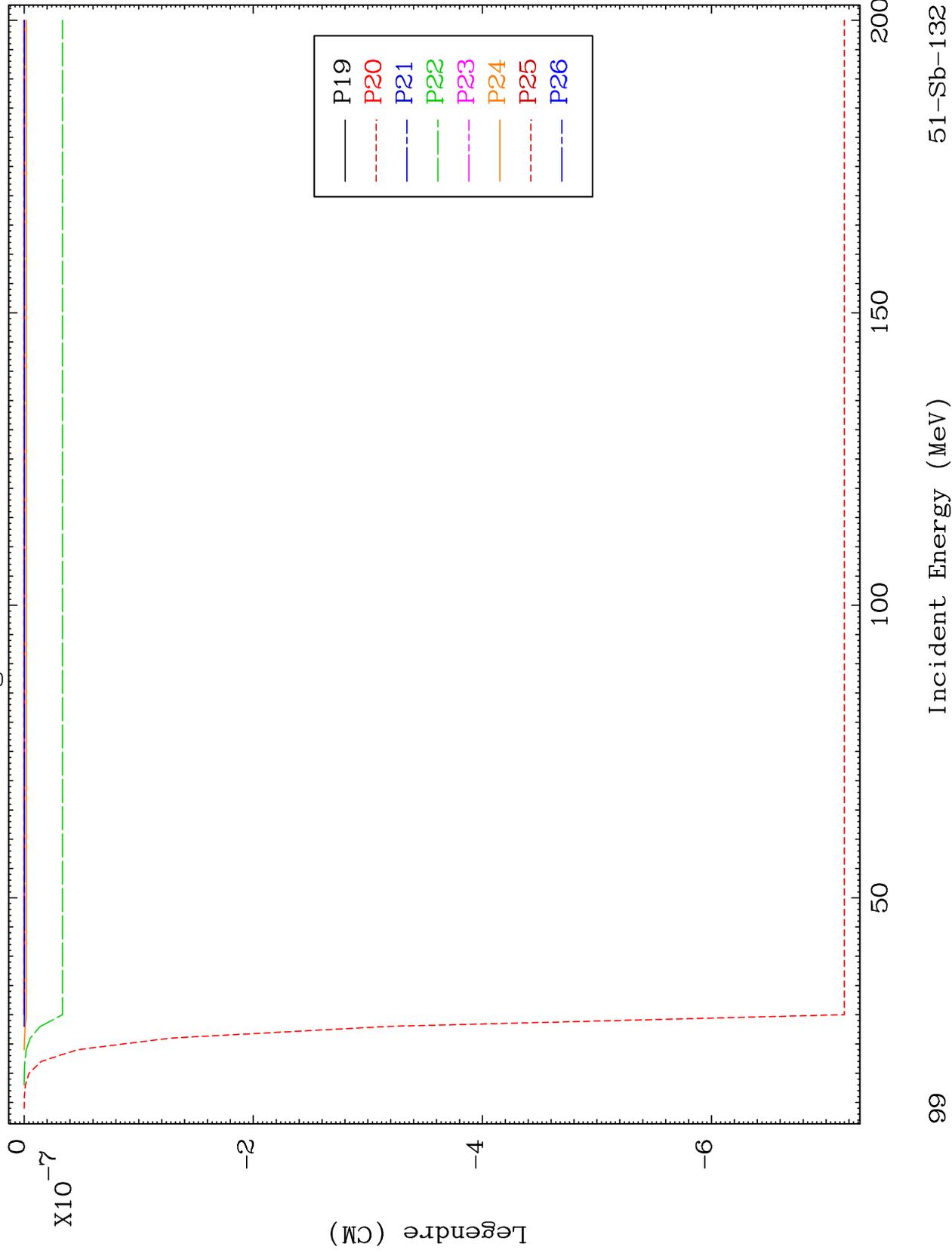
51-Sb-132



MAT 5158

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

51-Sb-132



99

Incident Energy (MeV)

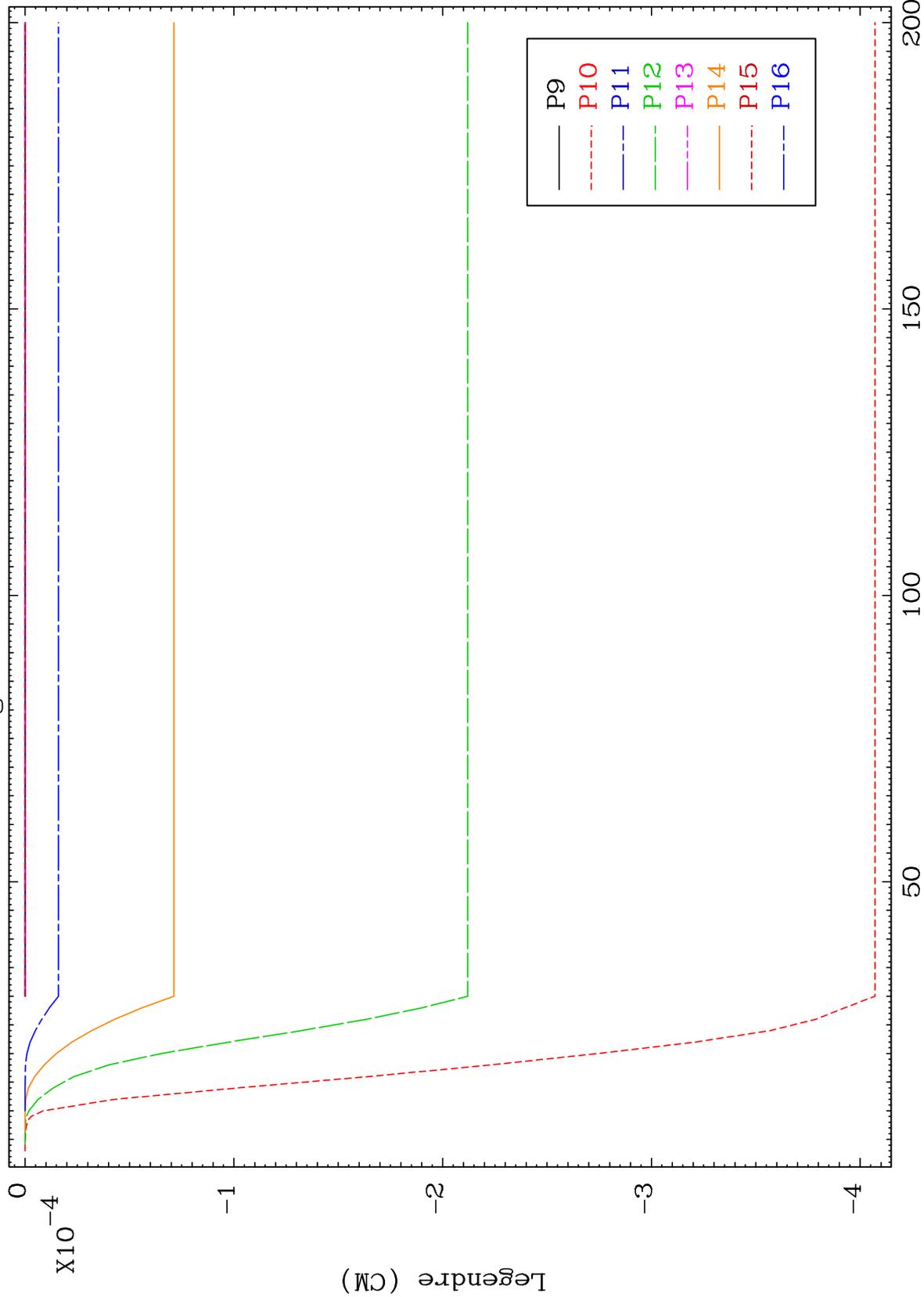
51-Sb-132

MAT 5158

MT= 75 (n,n') Level

51-Sb-132

Legendre Coefficients



101

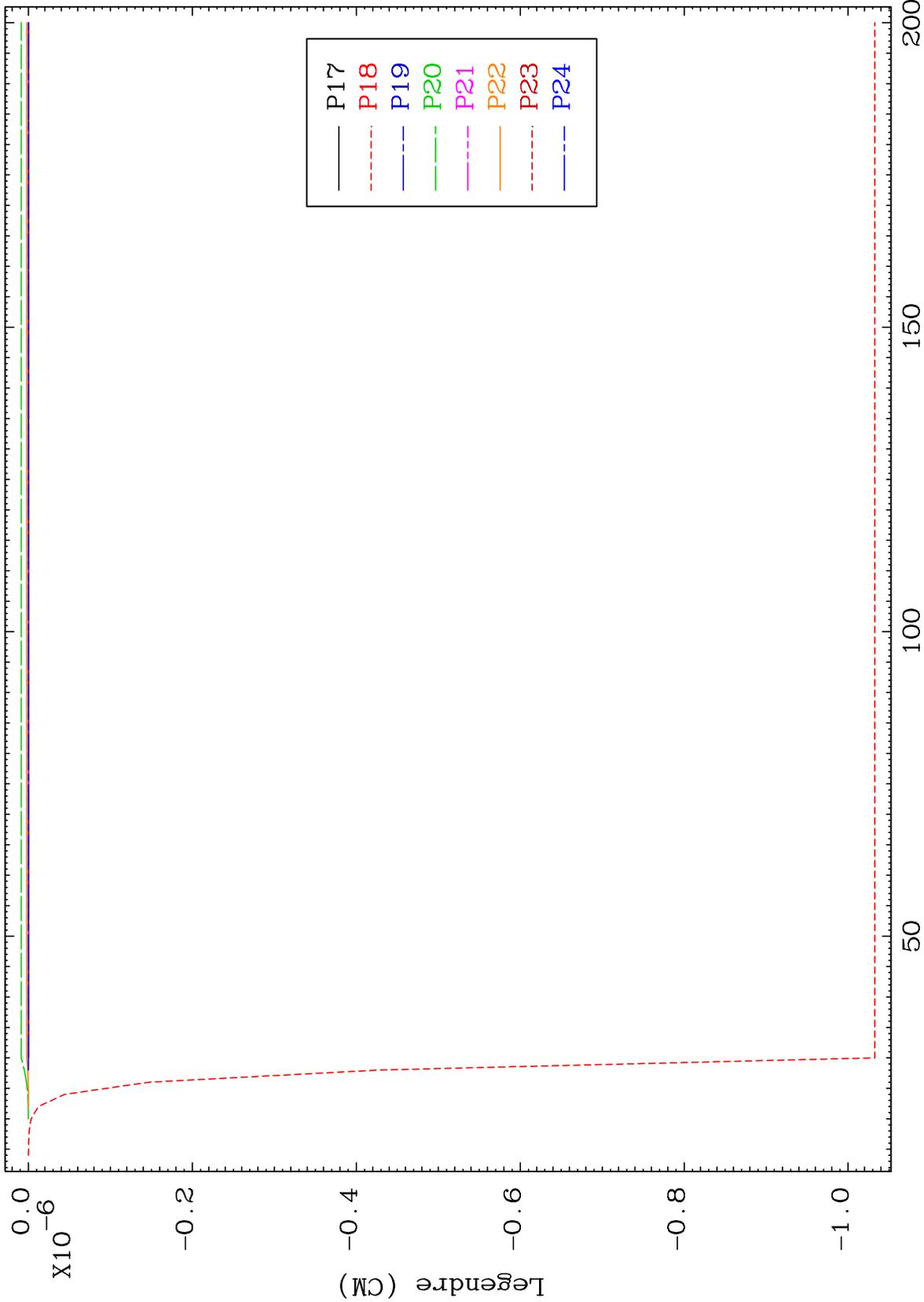
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

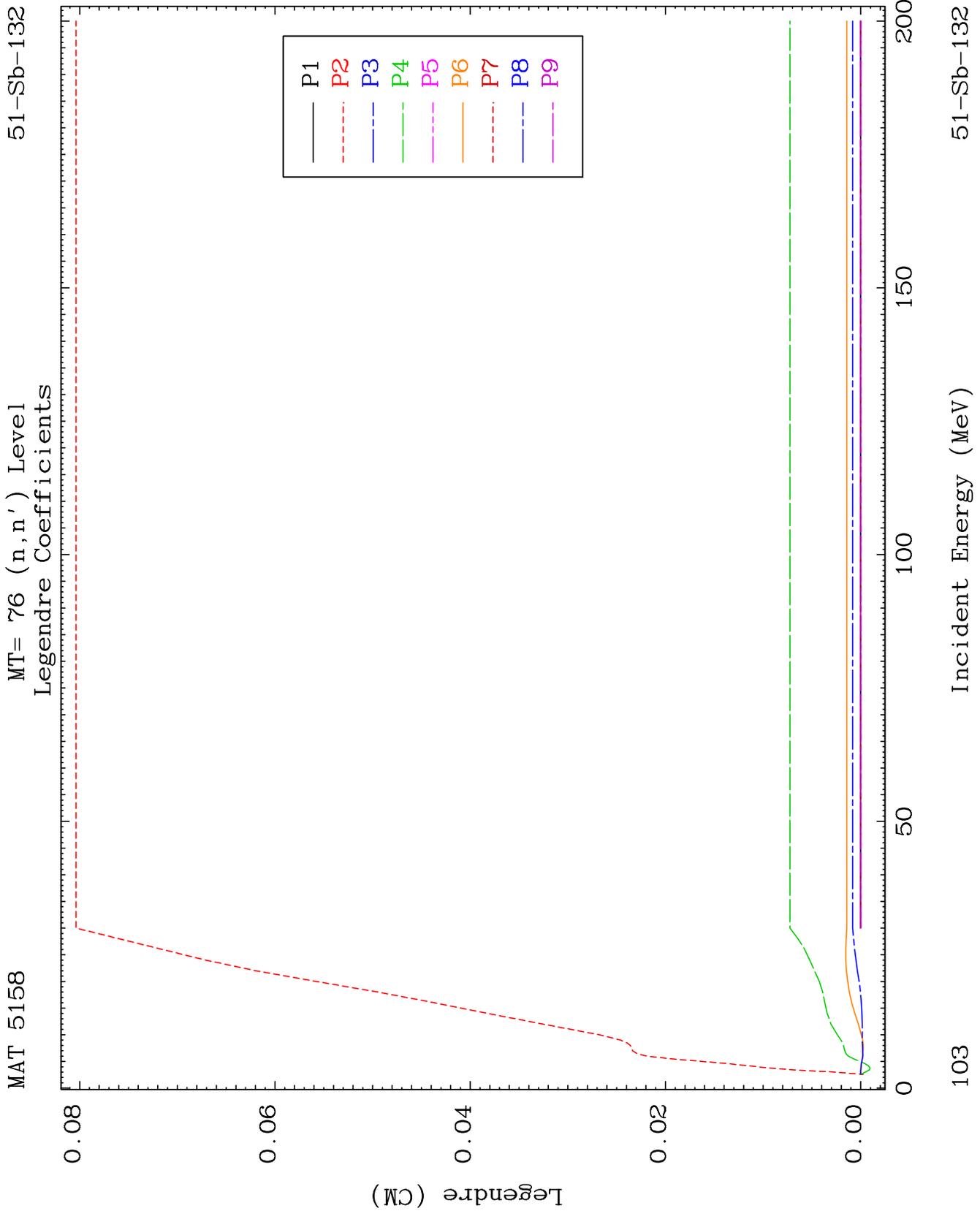
51-Sb-132

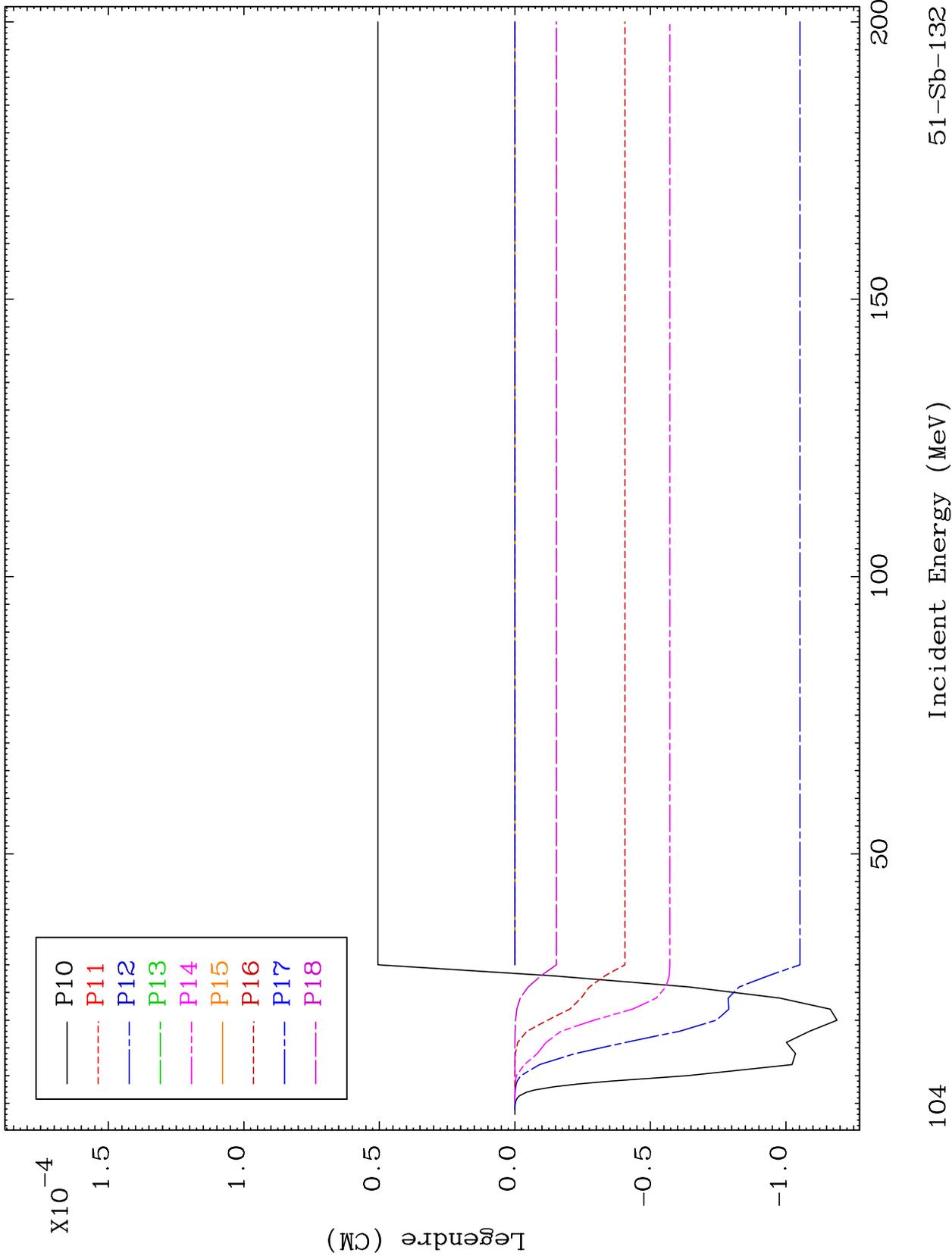


102

Incident Energy (MeV)

51-Sb-132

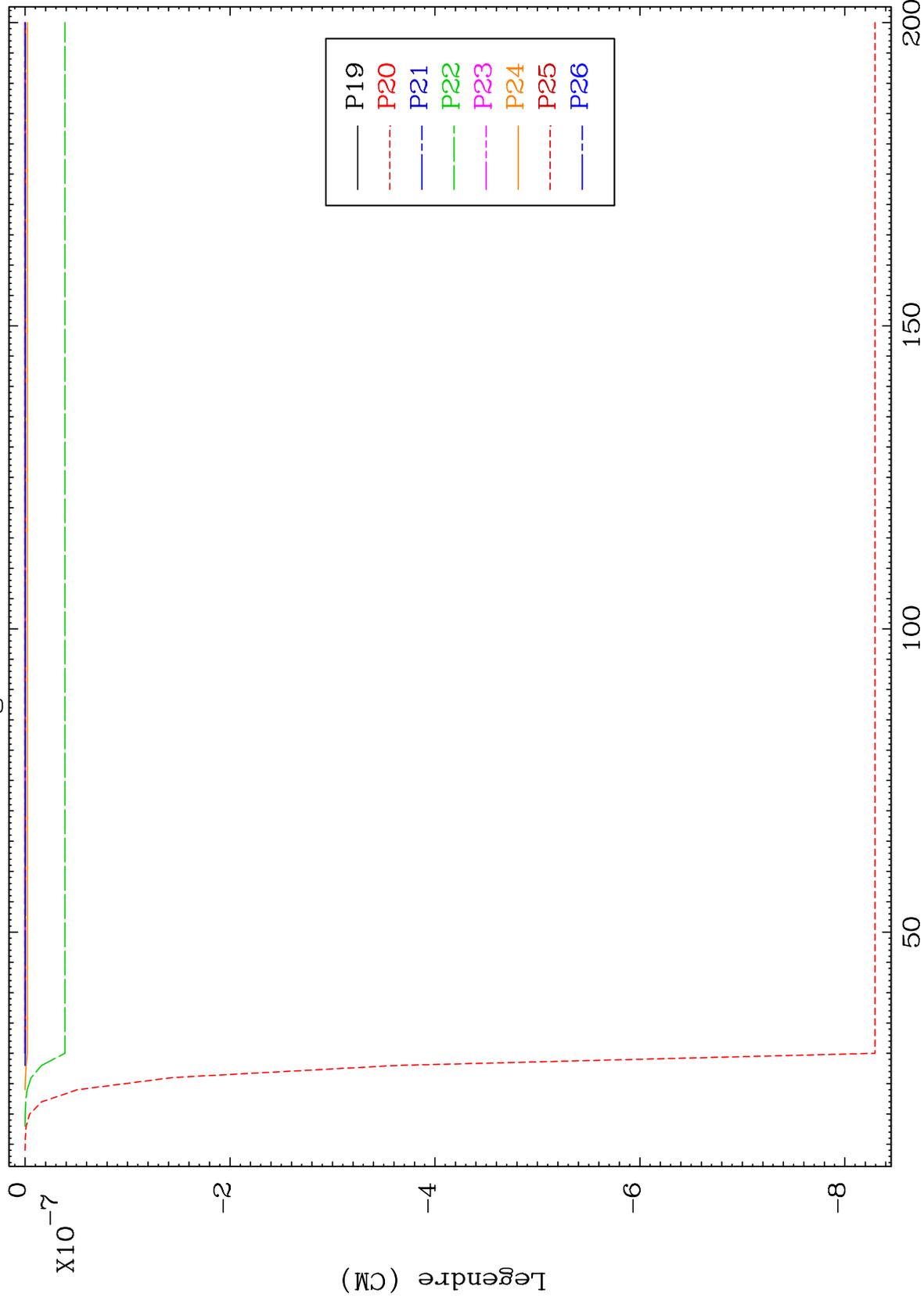




MAT 5158

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

51-Sb-132



105

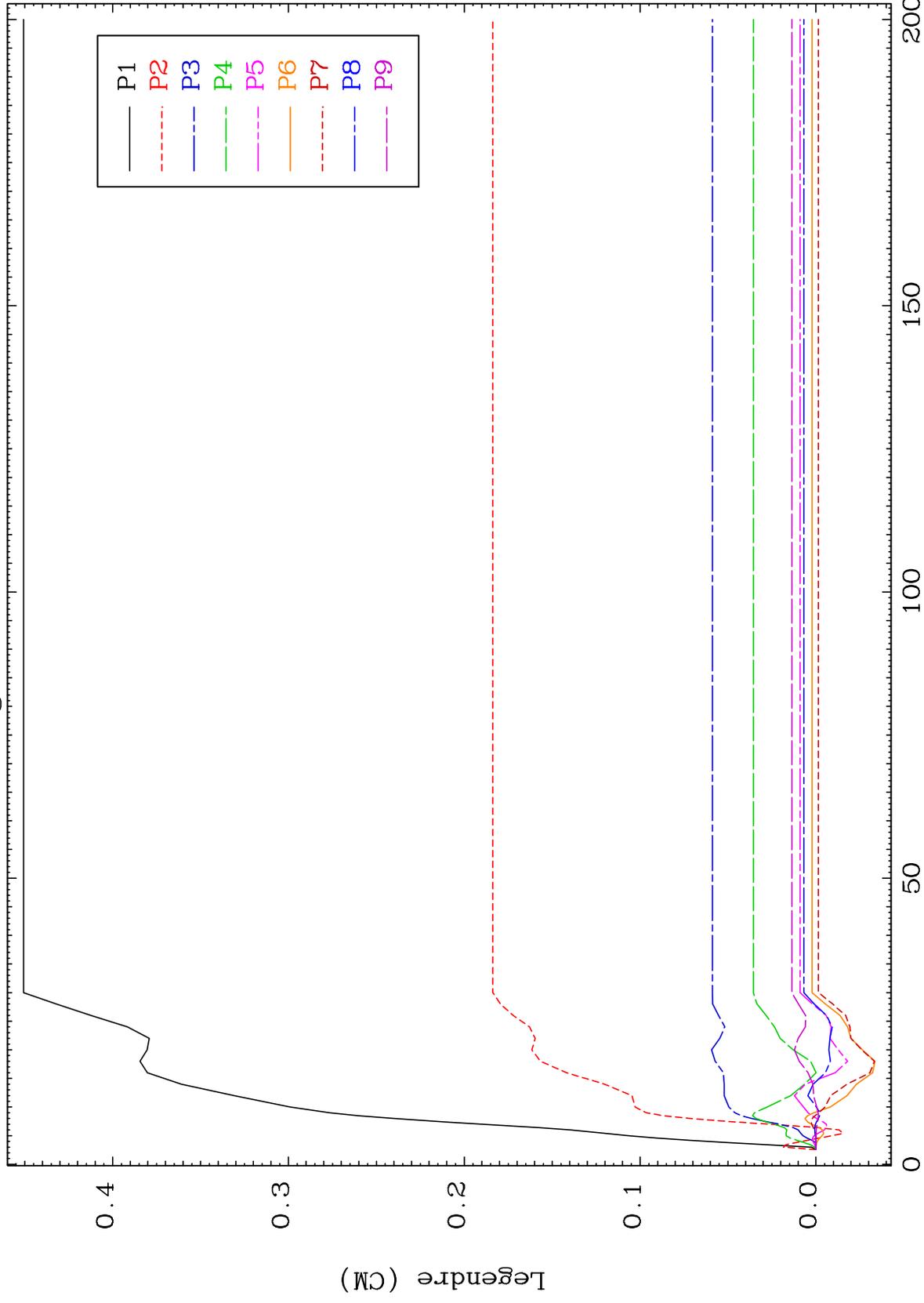
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



106

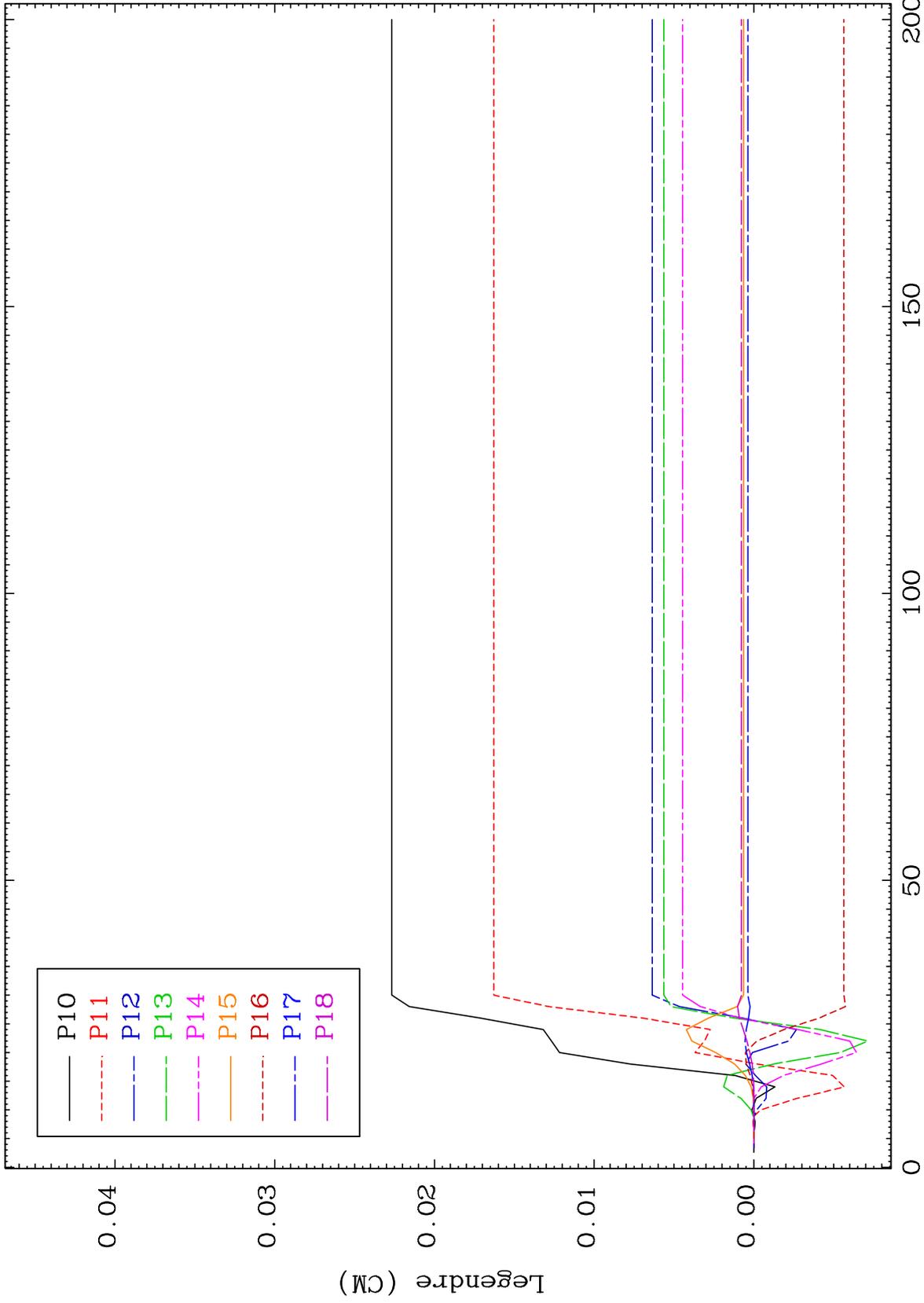
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

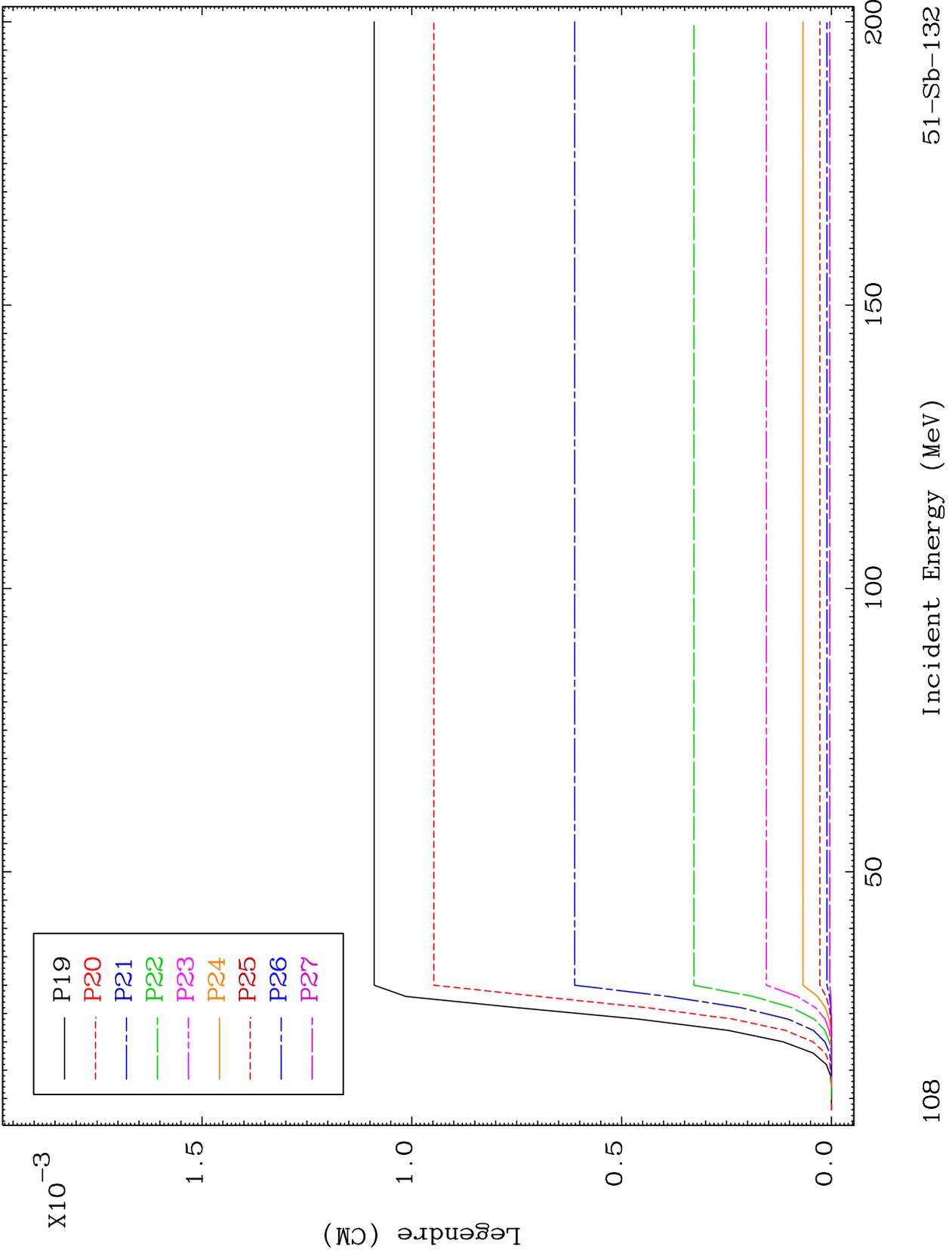
51-Sb-132



107

Incident Energy (MeV)

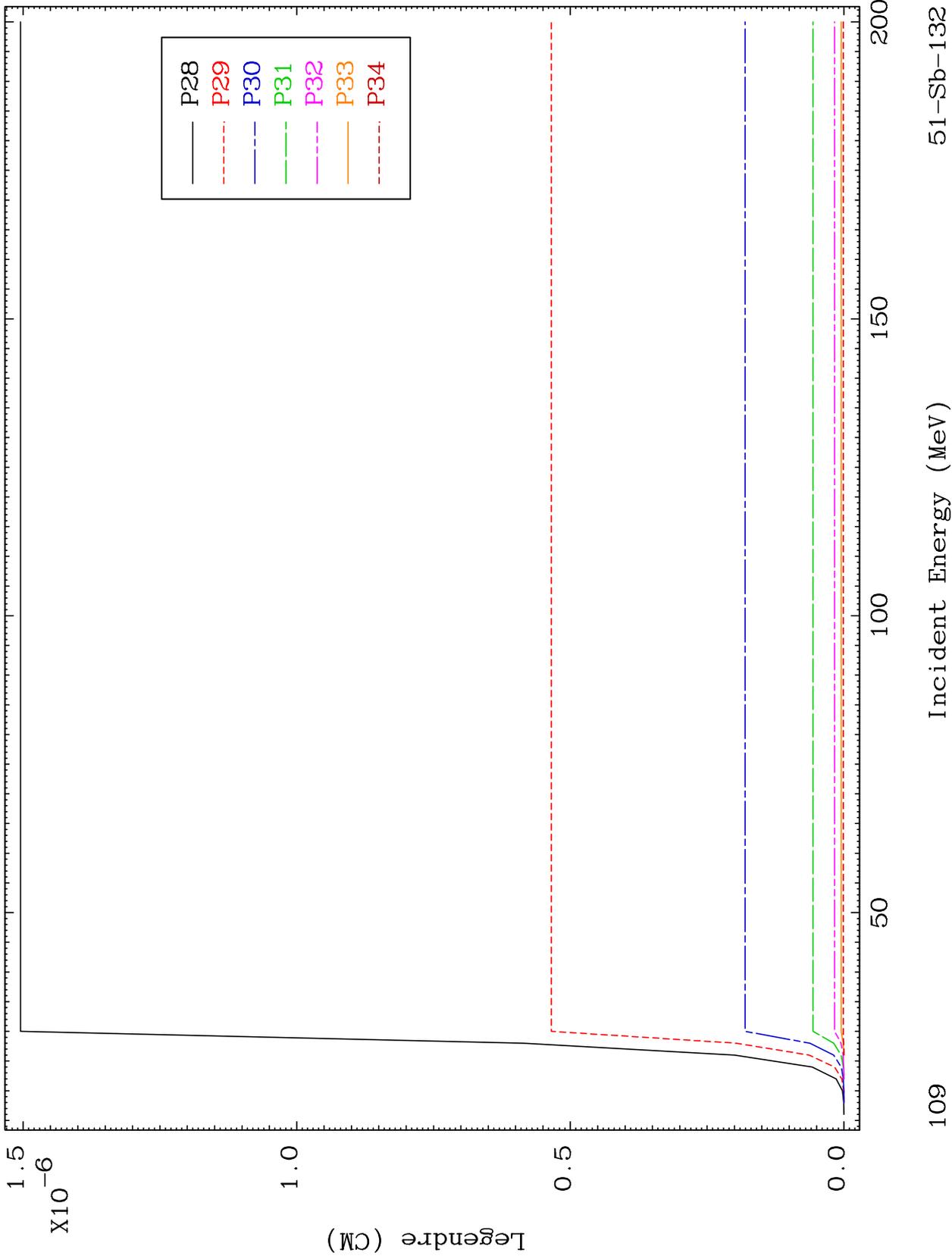
51-Sb-132



MAT 5158

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

51-Sb-132



51-Sb-132

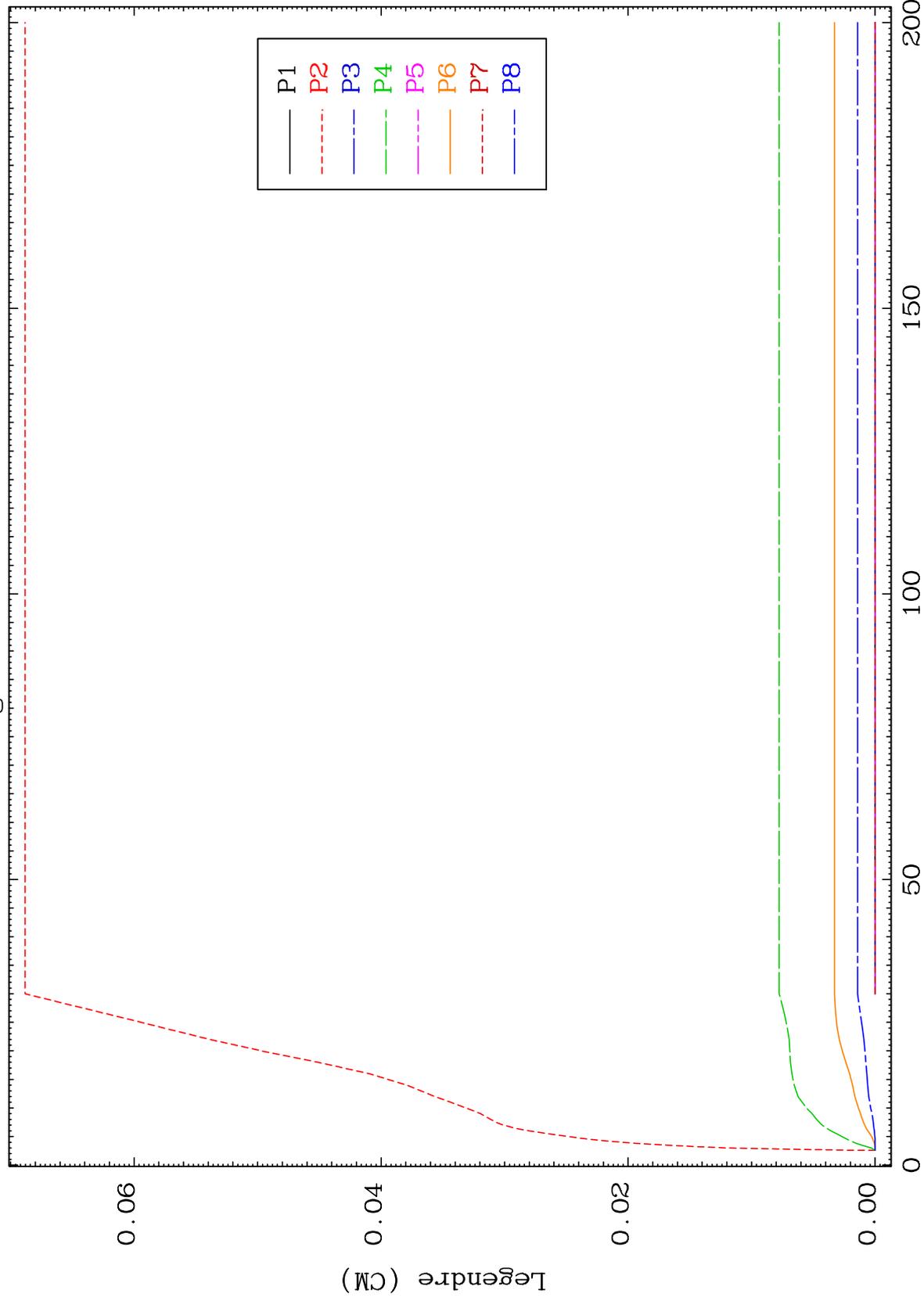
Incident Energy (MeV)

109

MAT 5158

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

51-Sb-132



51-Sb-132

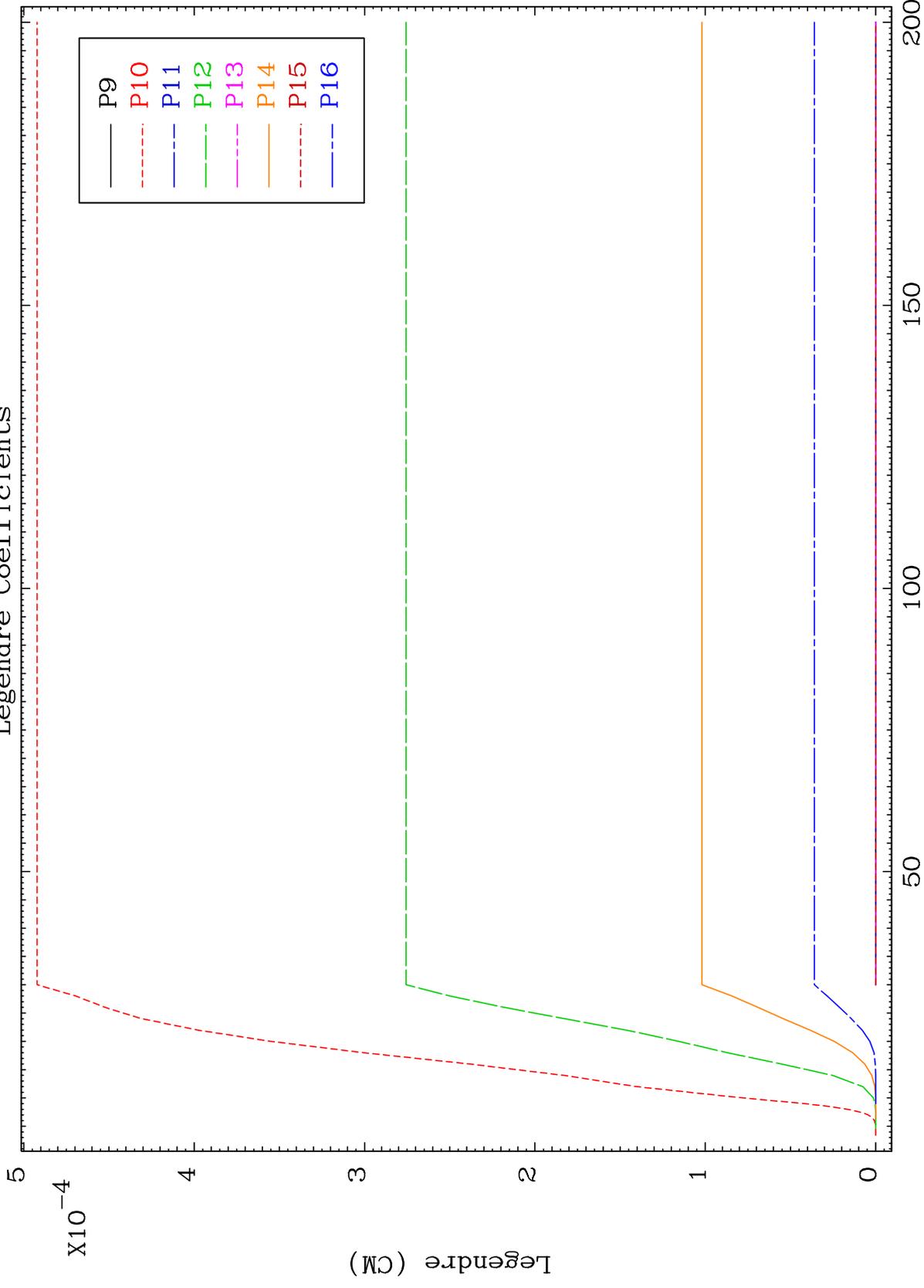
Incident Energy (MeV)

110

MAT 5158

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

51-Sb-132



111

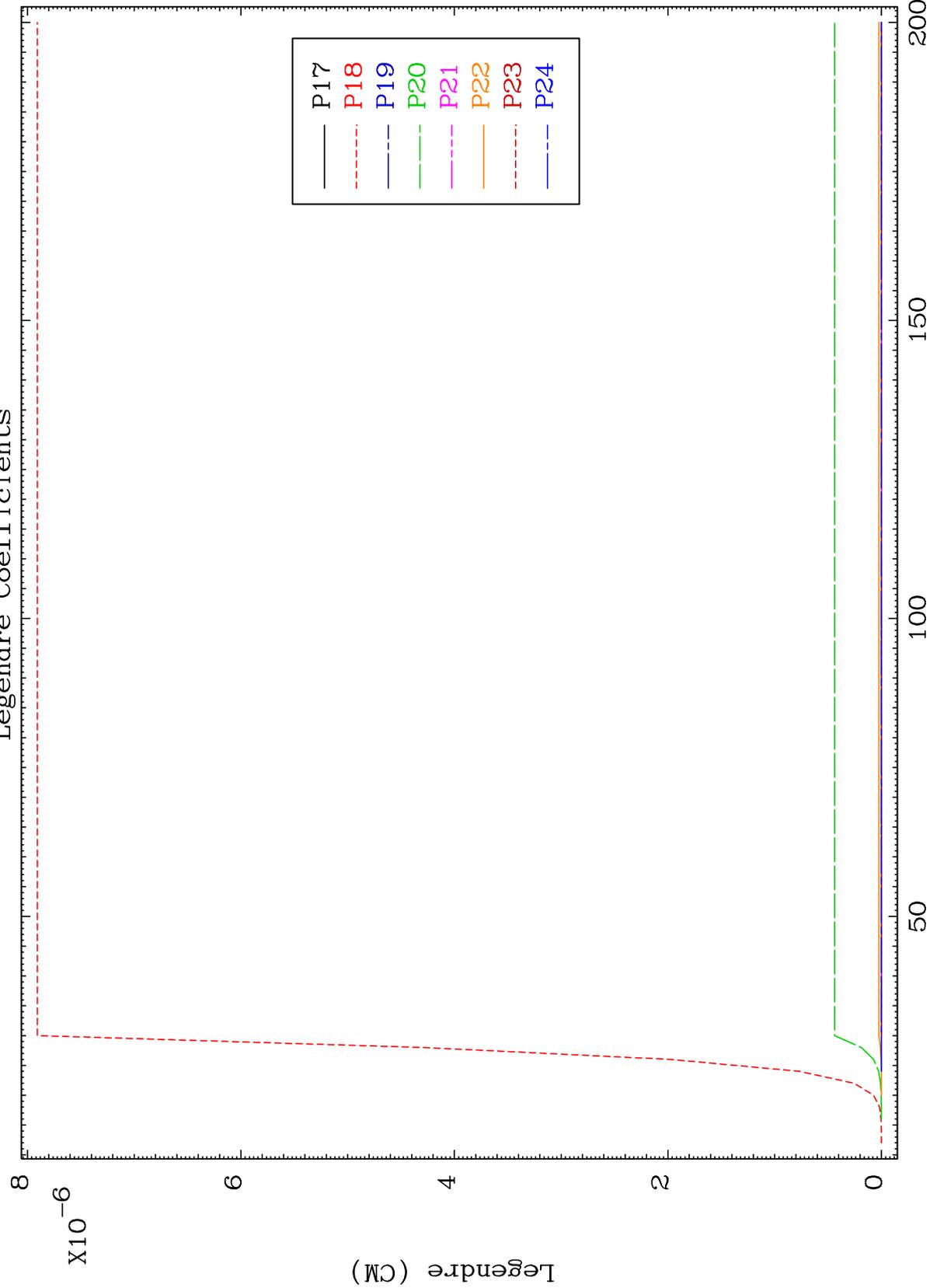
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



51-Sb-132

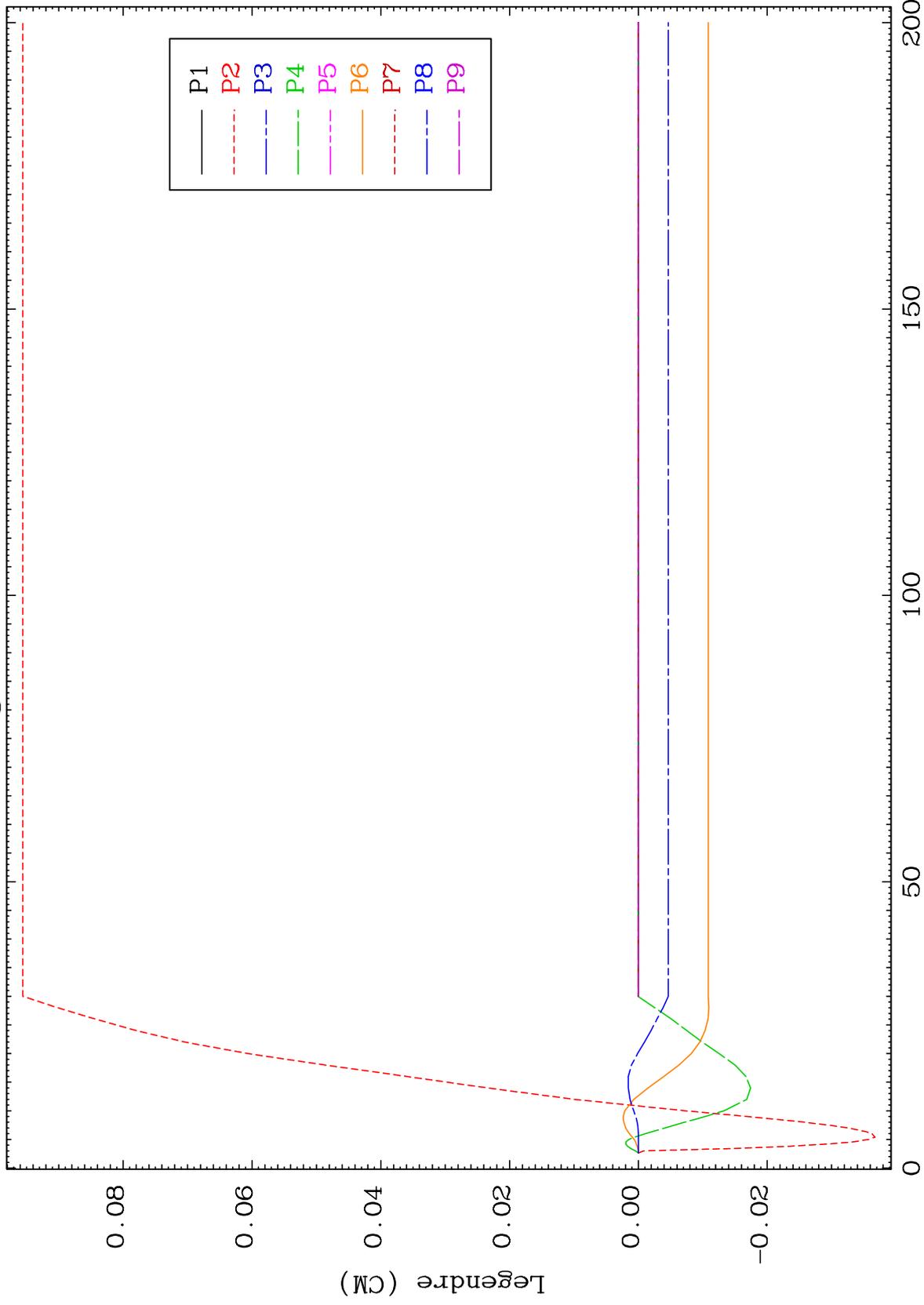
Incident Energy (MeV)

112

MAT 5158

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

51-Sb-132



51-Sb-132

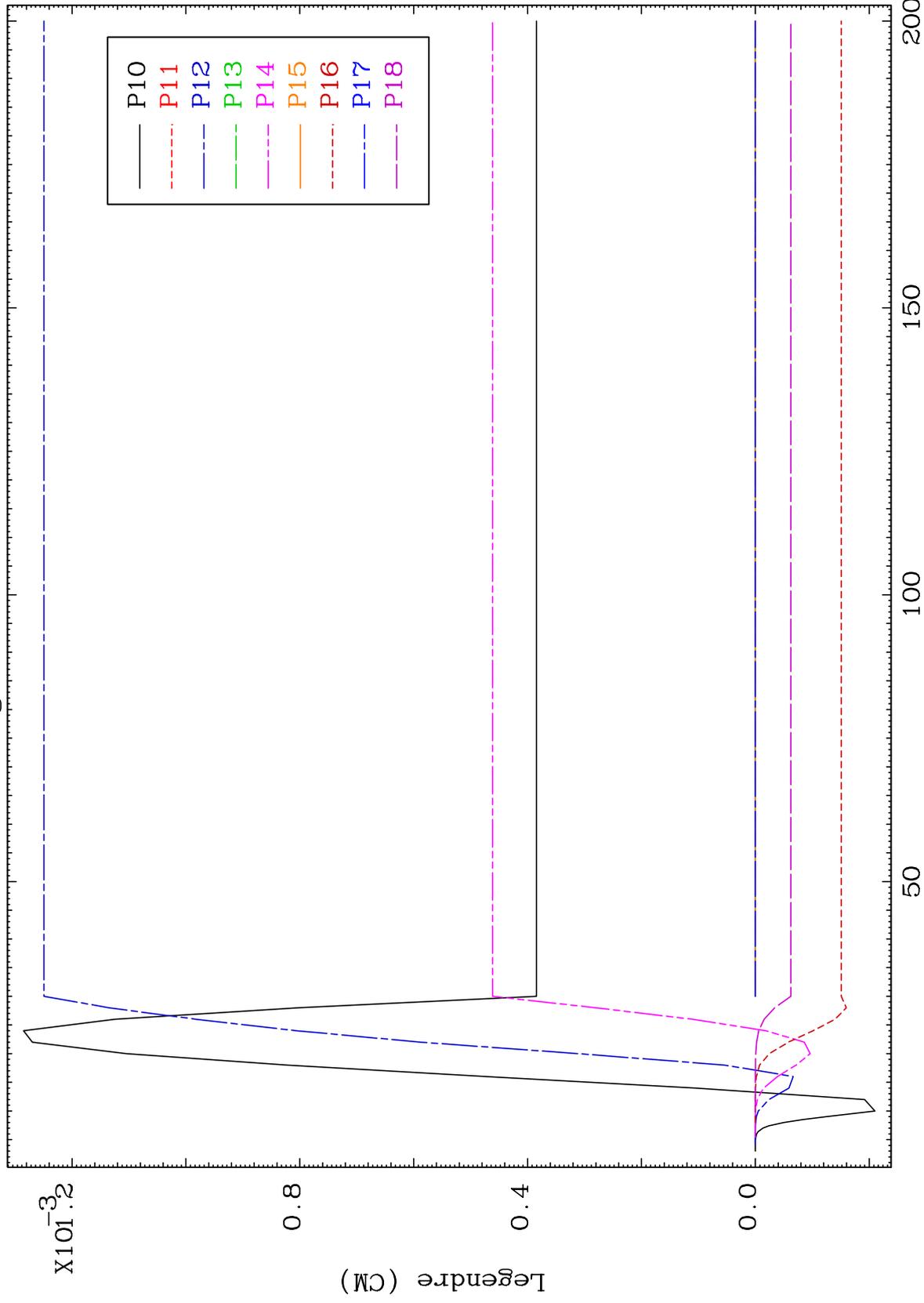
Incident Energy (MeV)

113

MAT 5158

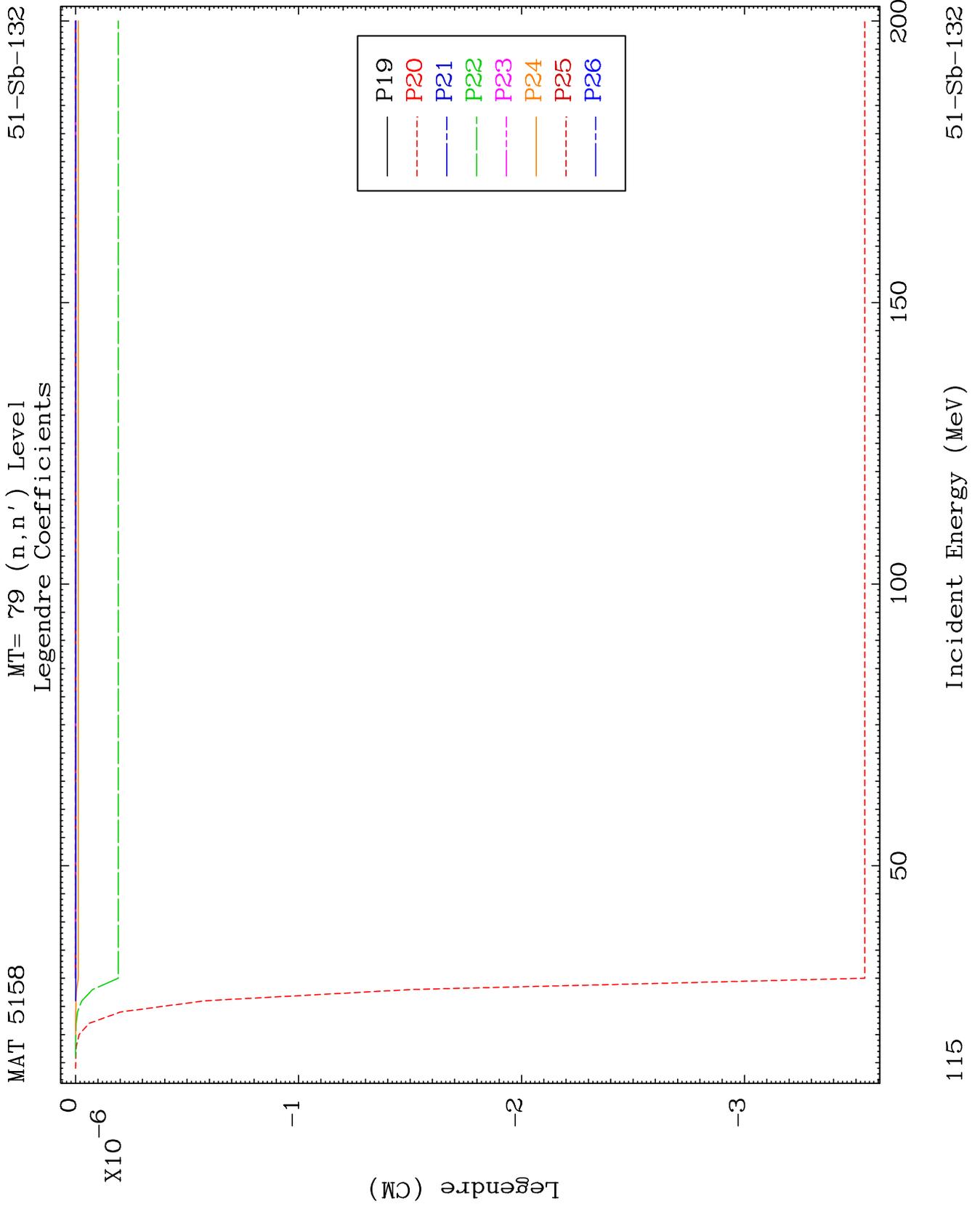
MT= 79 (n,n') Level
Legendre Coefficients

51-Sb-132



114

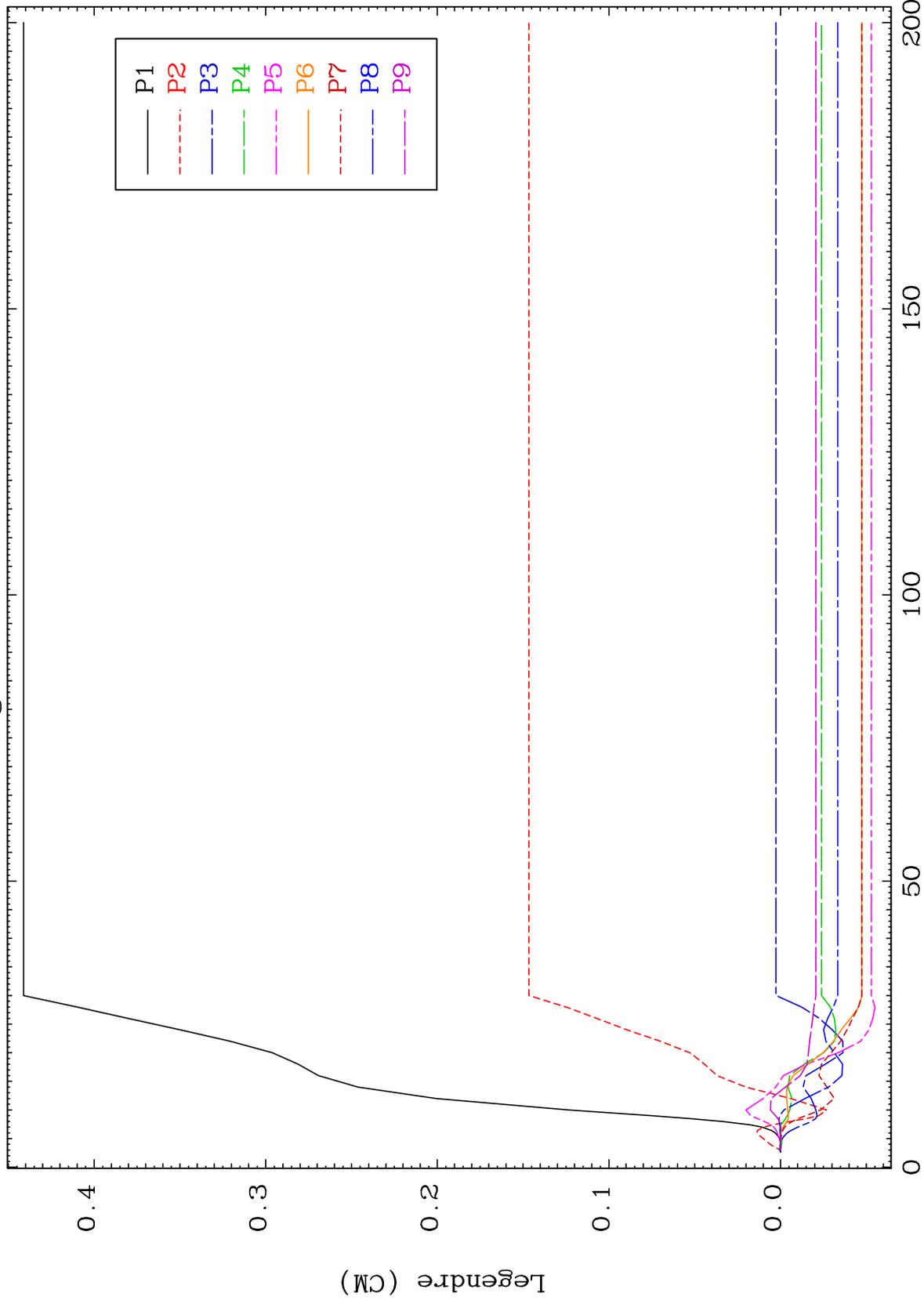
51-Sb-132



MAT 5158

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

51-Sb-132



116

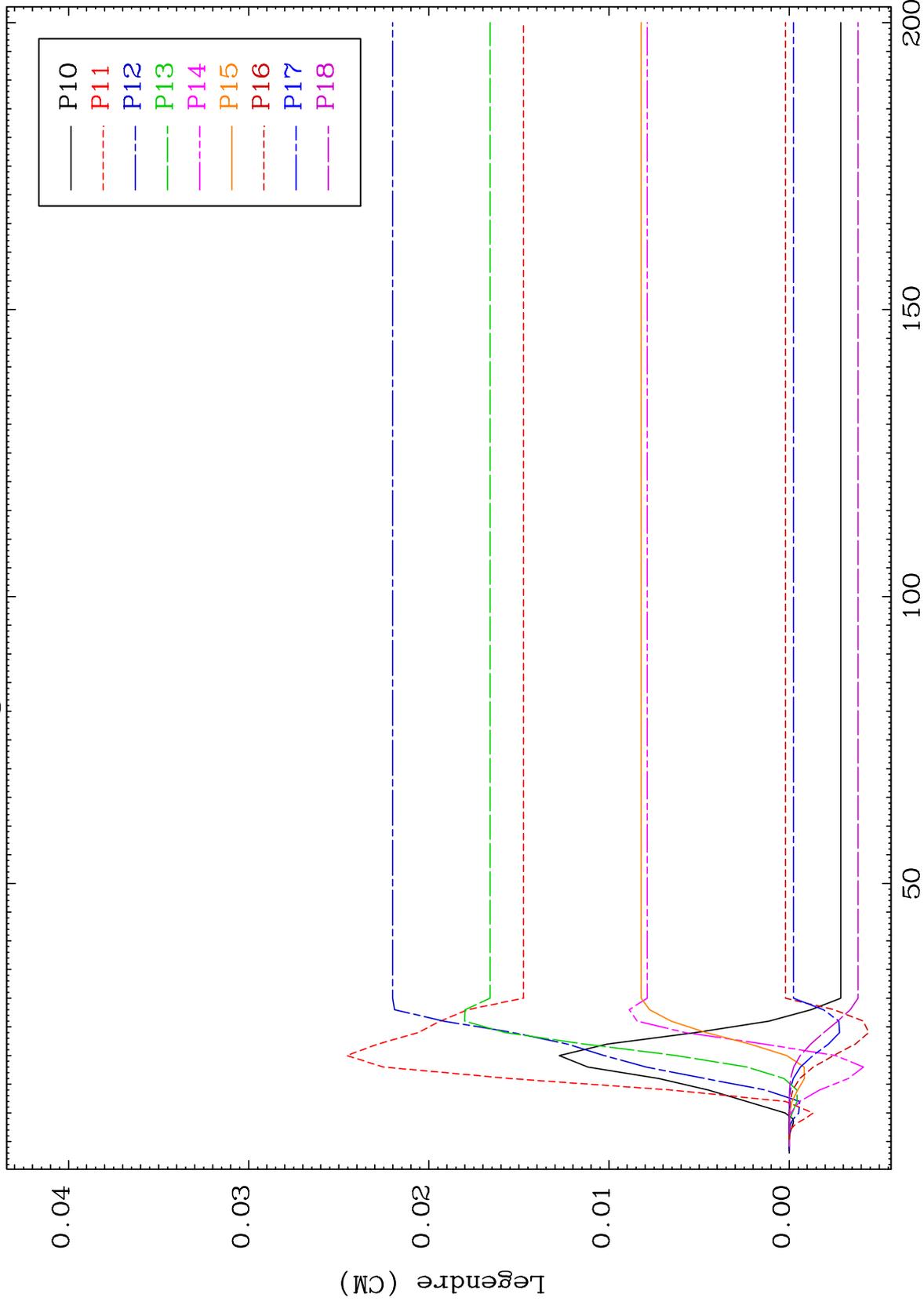
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



117

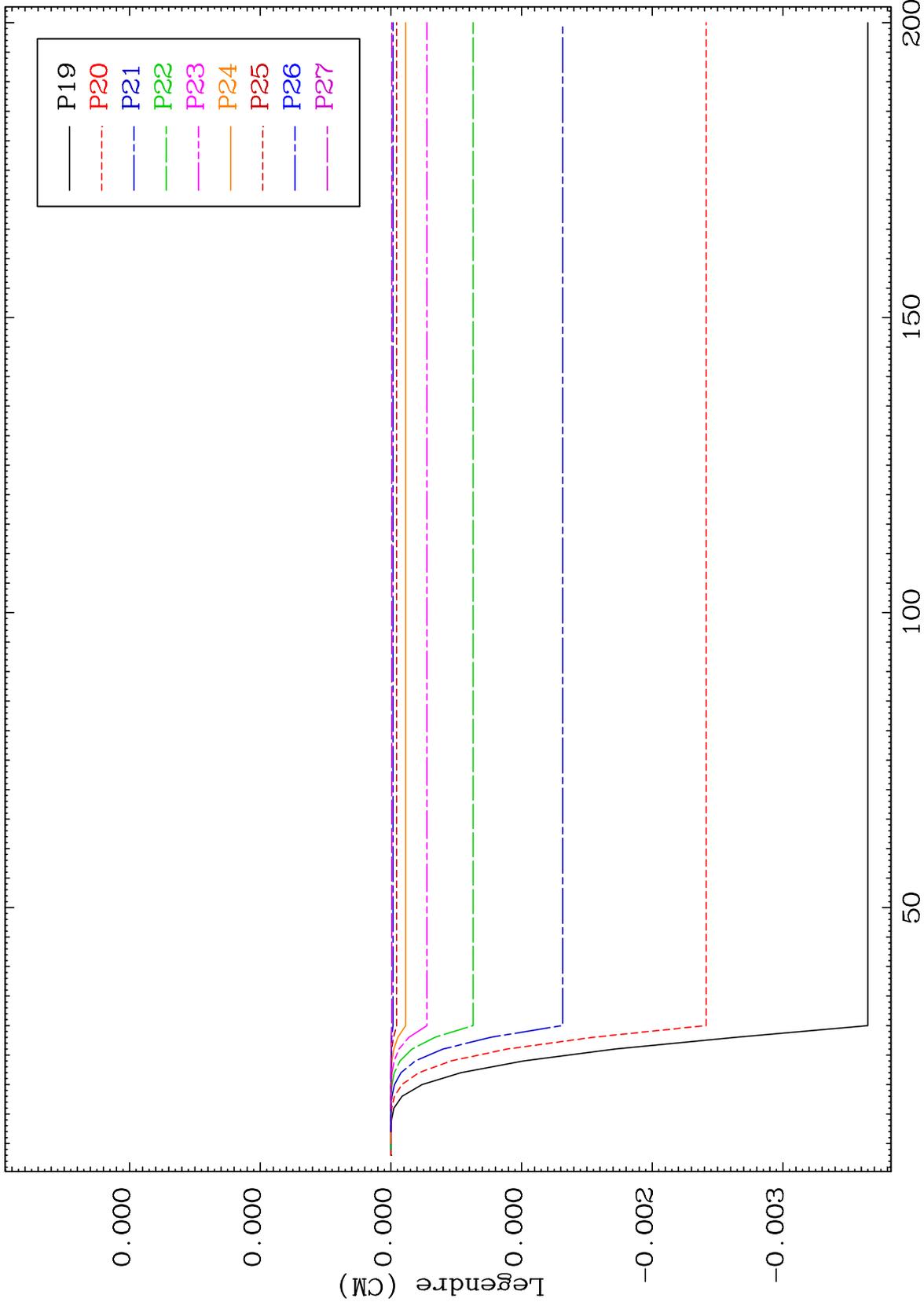
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



118

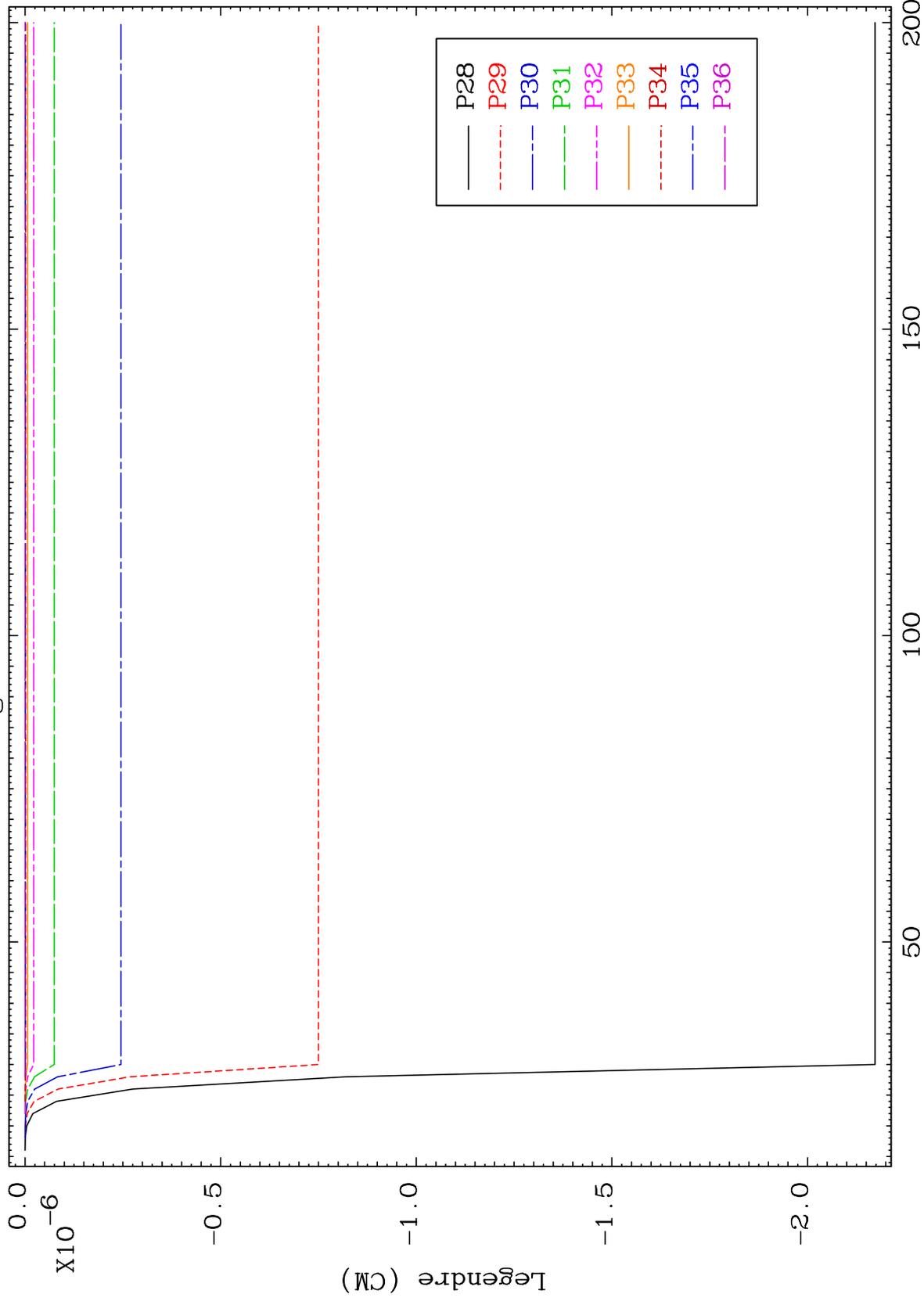
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



119

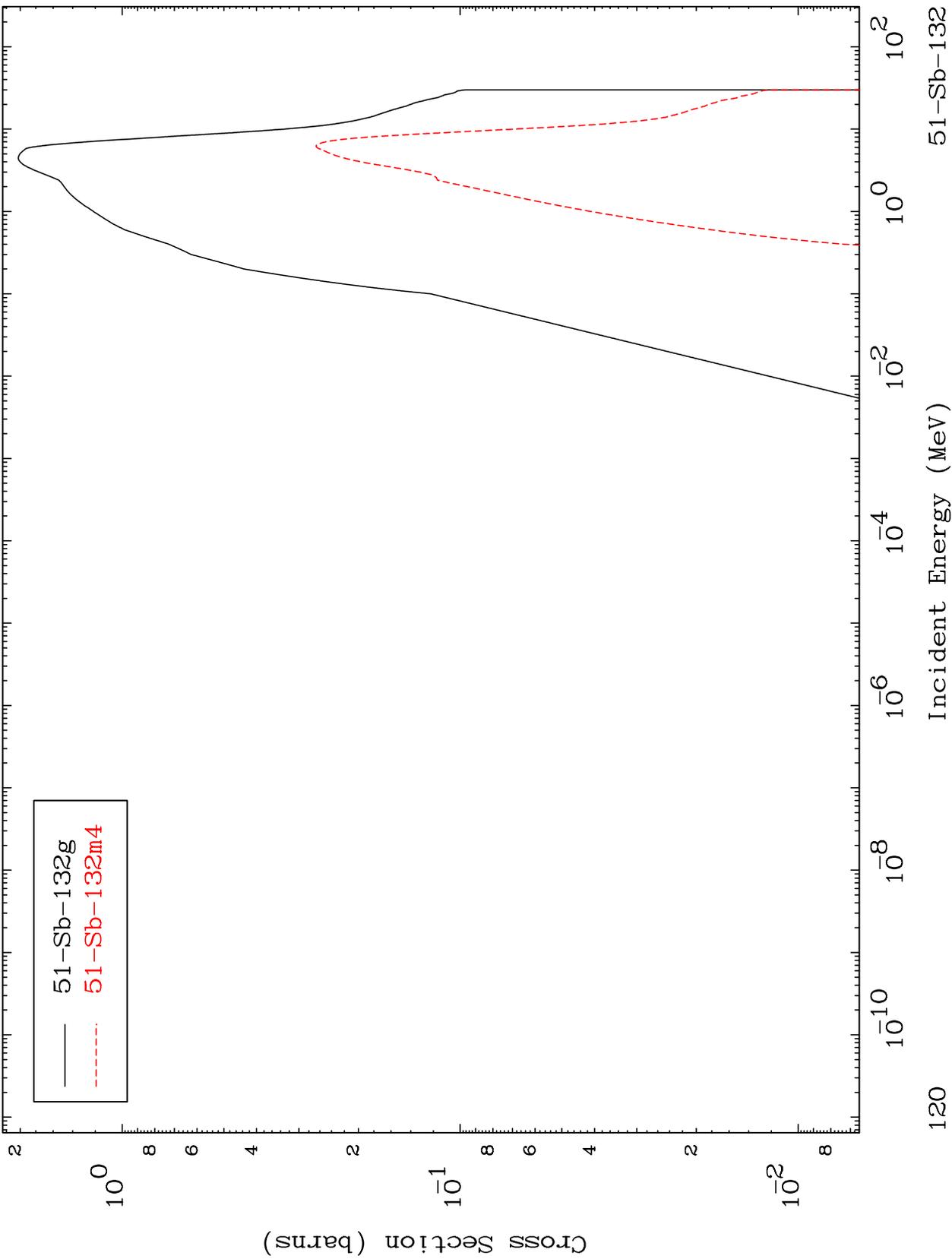
Incident Energy (MeV)

51-Sb-132

MAT 5158

Inelastic
Radionuclide Production Cross Section

51-Sb-132



120

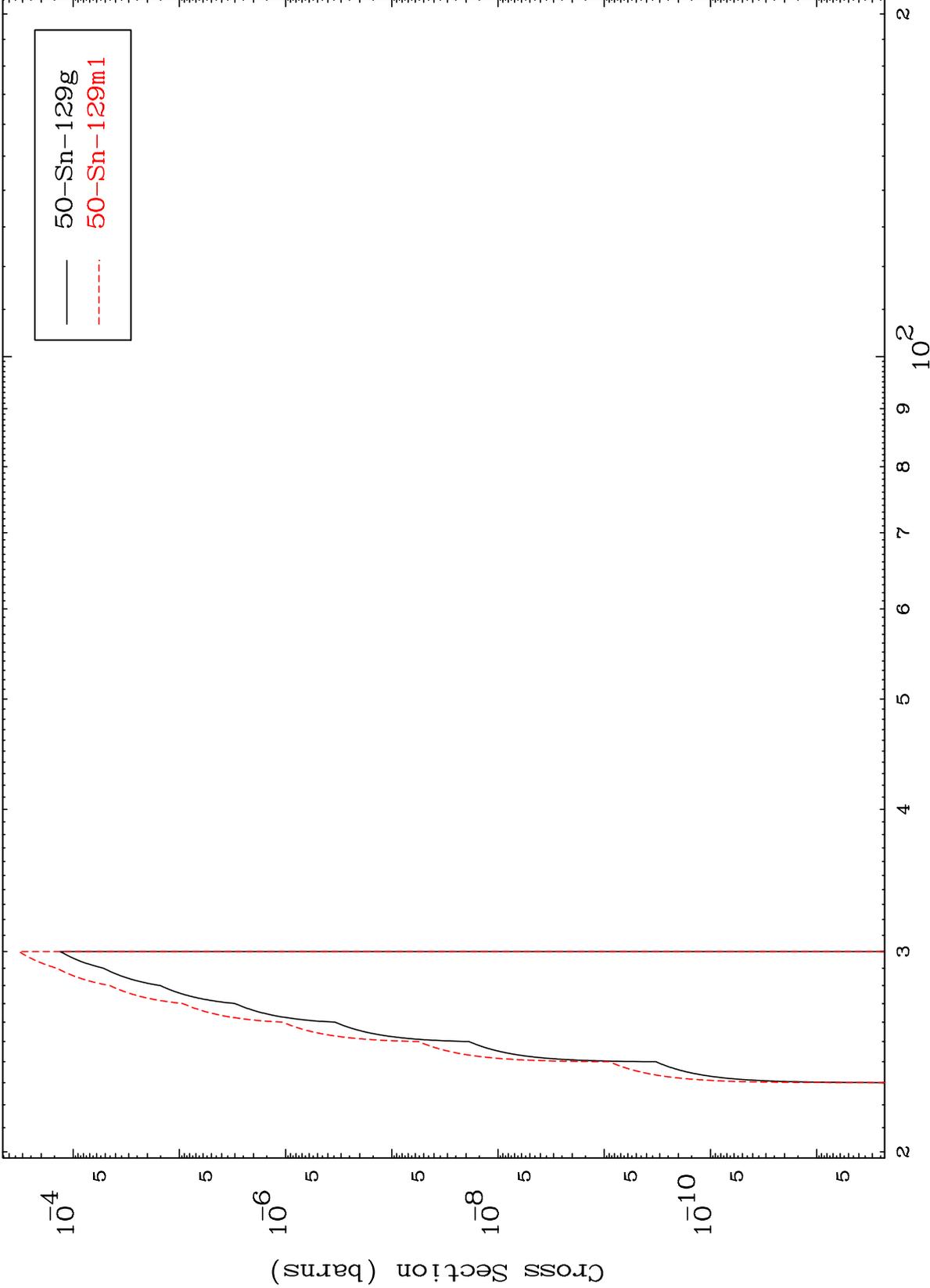
51-Sb-132

MAT 5158

(n,2n) d

51-Sb-132

Radionuclide Production Cross Section



121

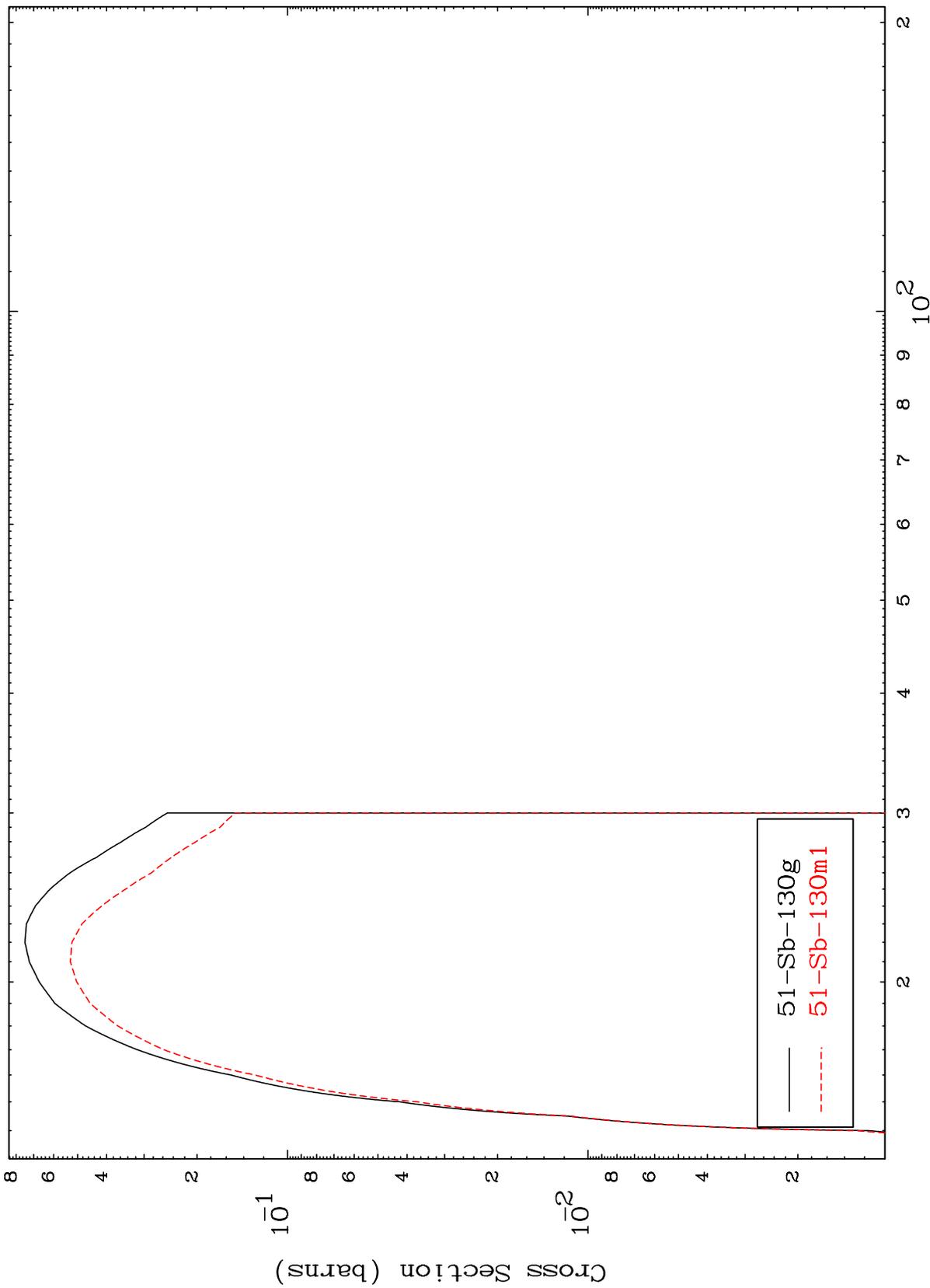
Incident Energy (MeV)

51-Sb-132

MAT 5158

51-Sb-132

(n,3n)
Radionuclide Production Cross Section



122

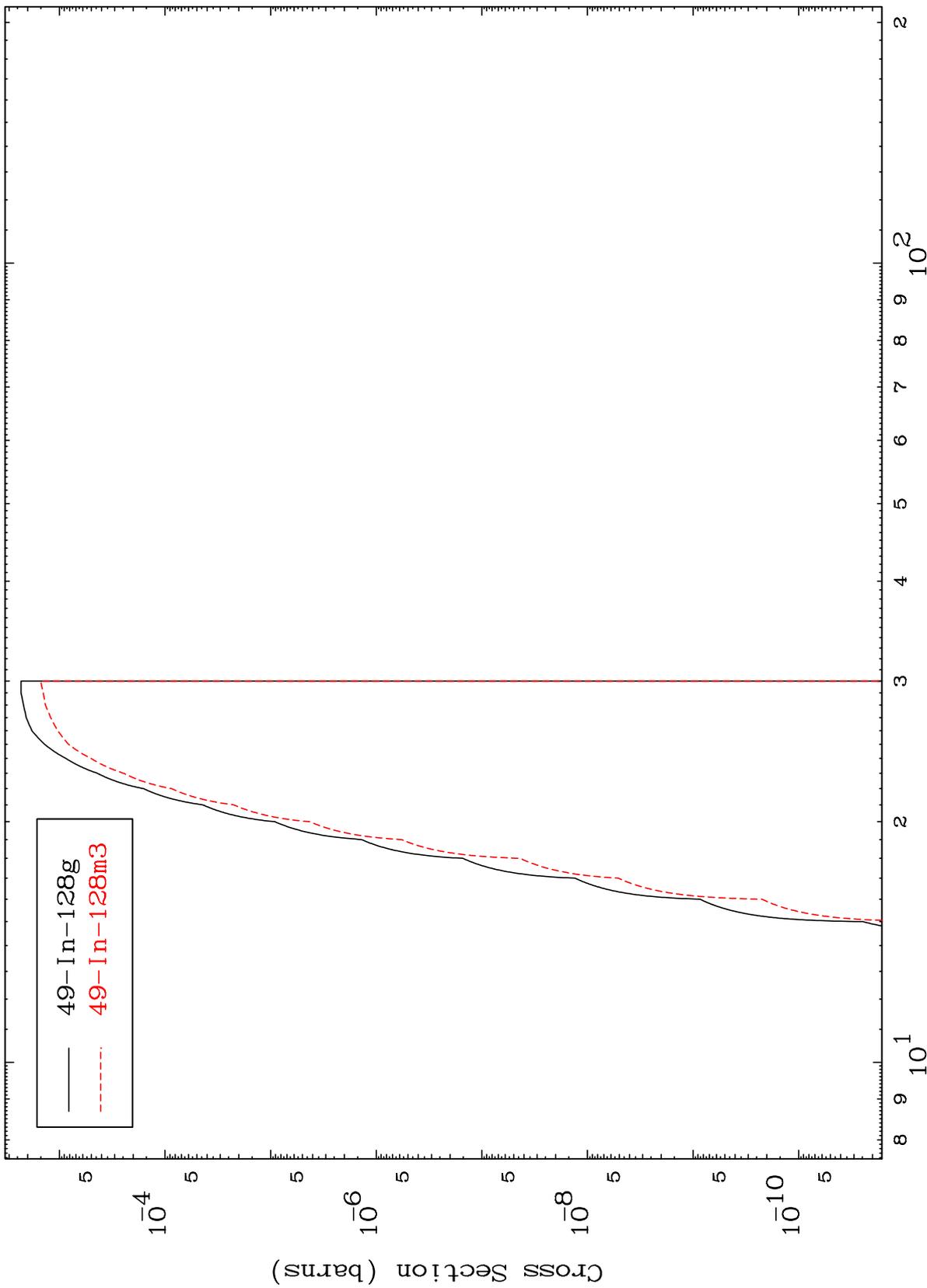
51-Sb-132

Incident Energy (MeV)

MAT 5158

51-Sb-132

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



51-Sb-132

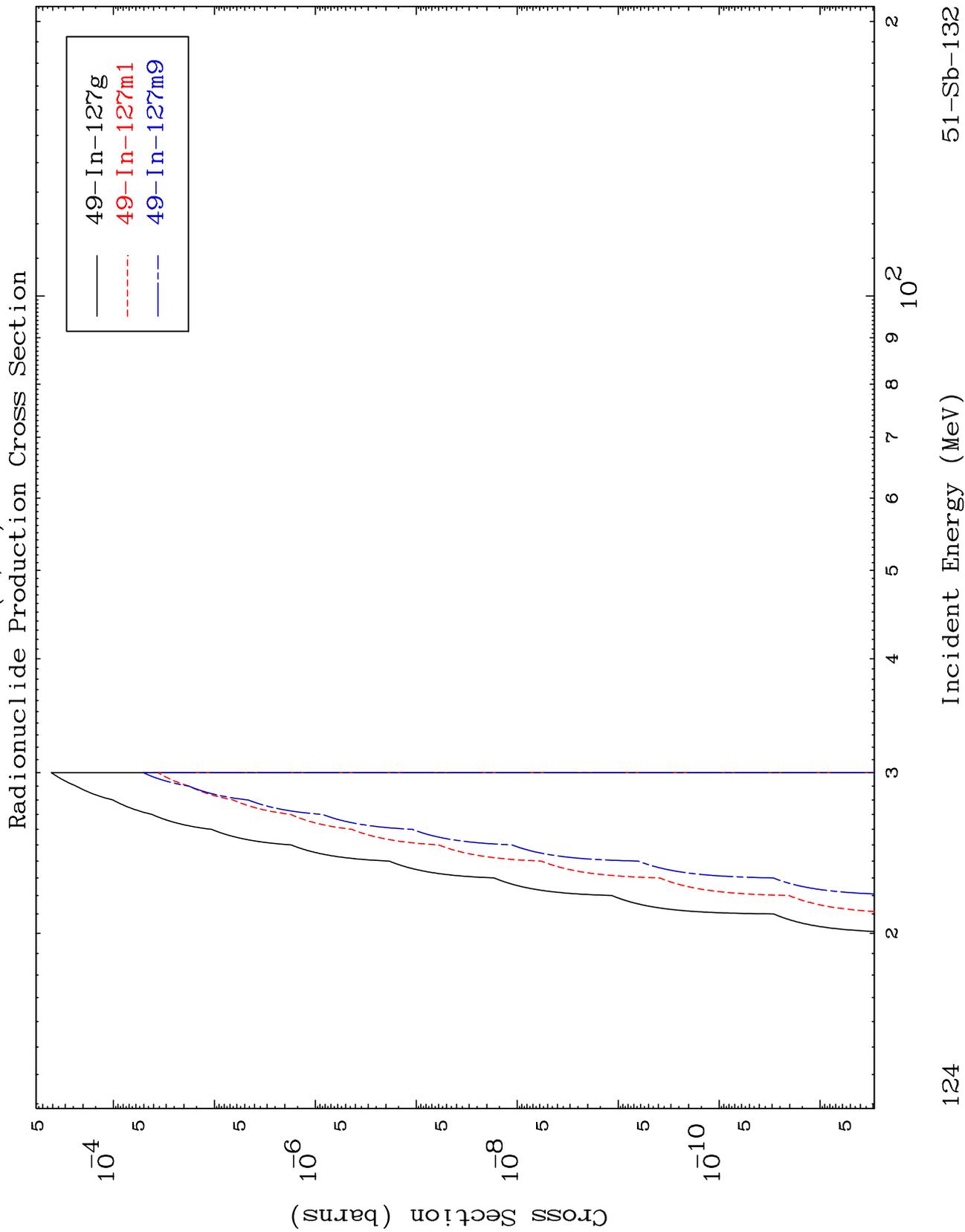
Incident Energy (MeV)

123

MAT 5158

(n,2n) α

51-Sb-132



124

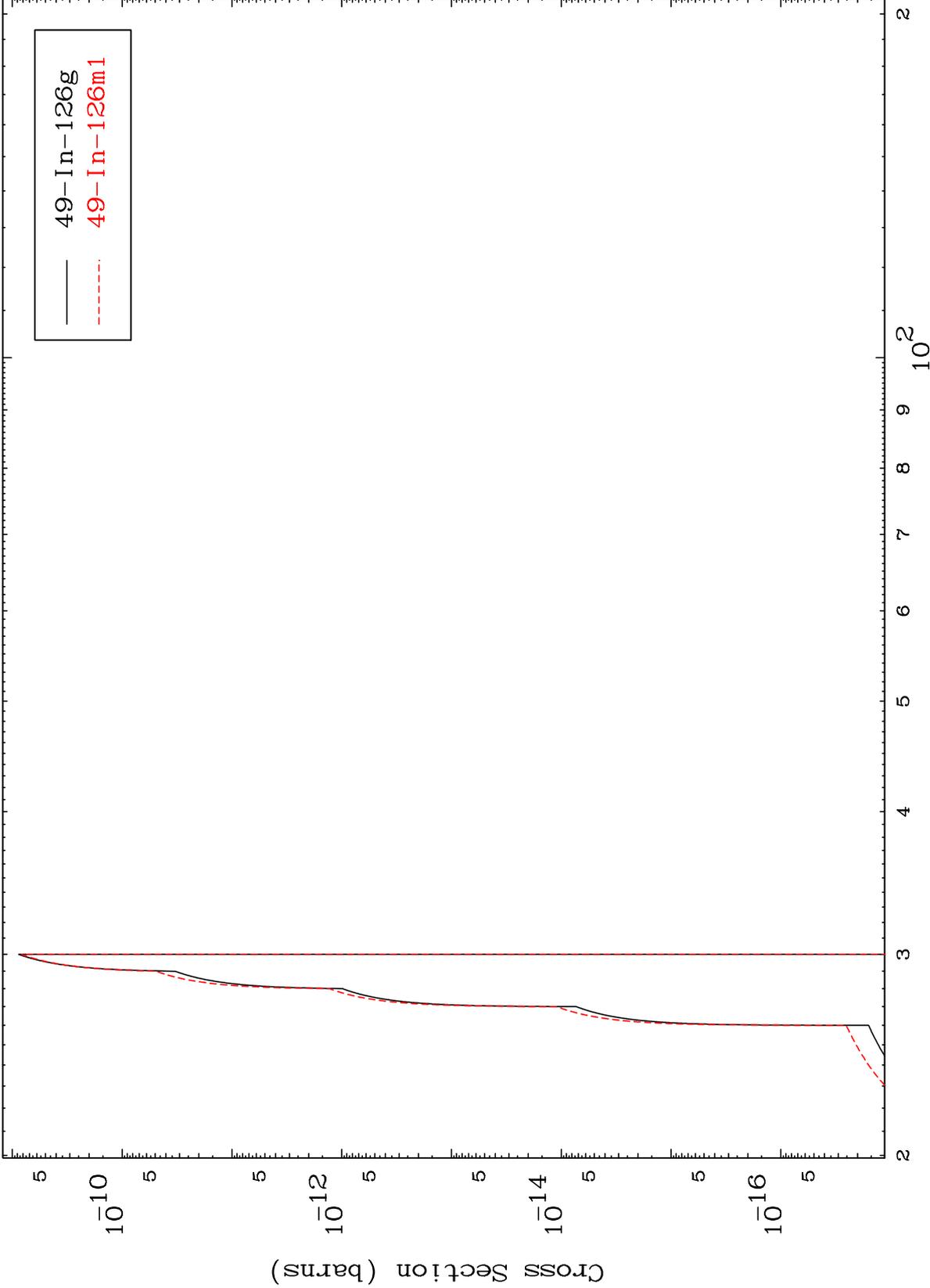
51-Sb-132

MAT 5158

(n,3n) α

51-Sb-132

Radionuclide Production Cross Section



49-In-126g
49-In-126m1

125

Incident Energy (MeV)

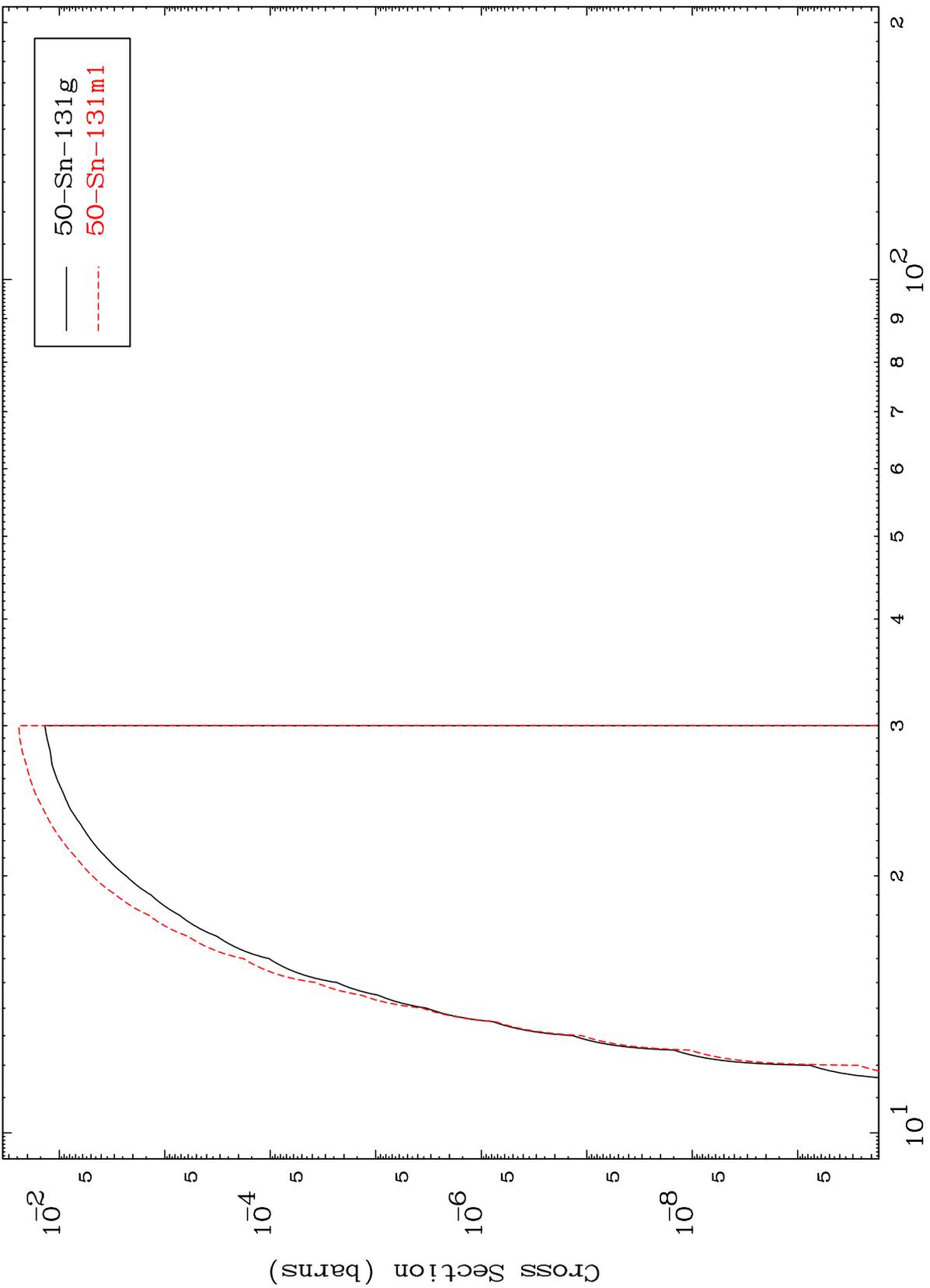
51-Sb-132

MAT 5158

(n,n') p

51-Sb-132

Radionuclide Production Cross Section

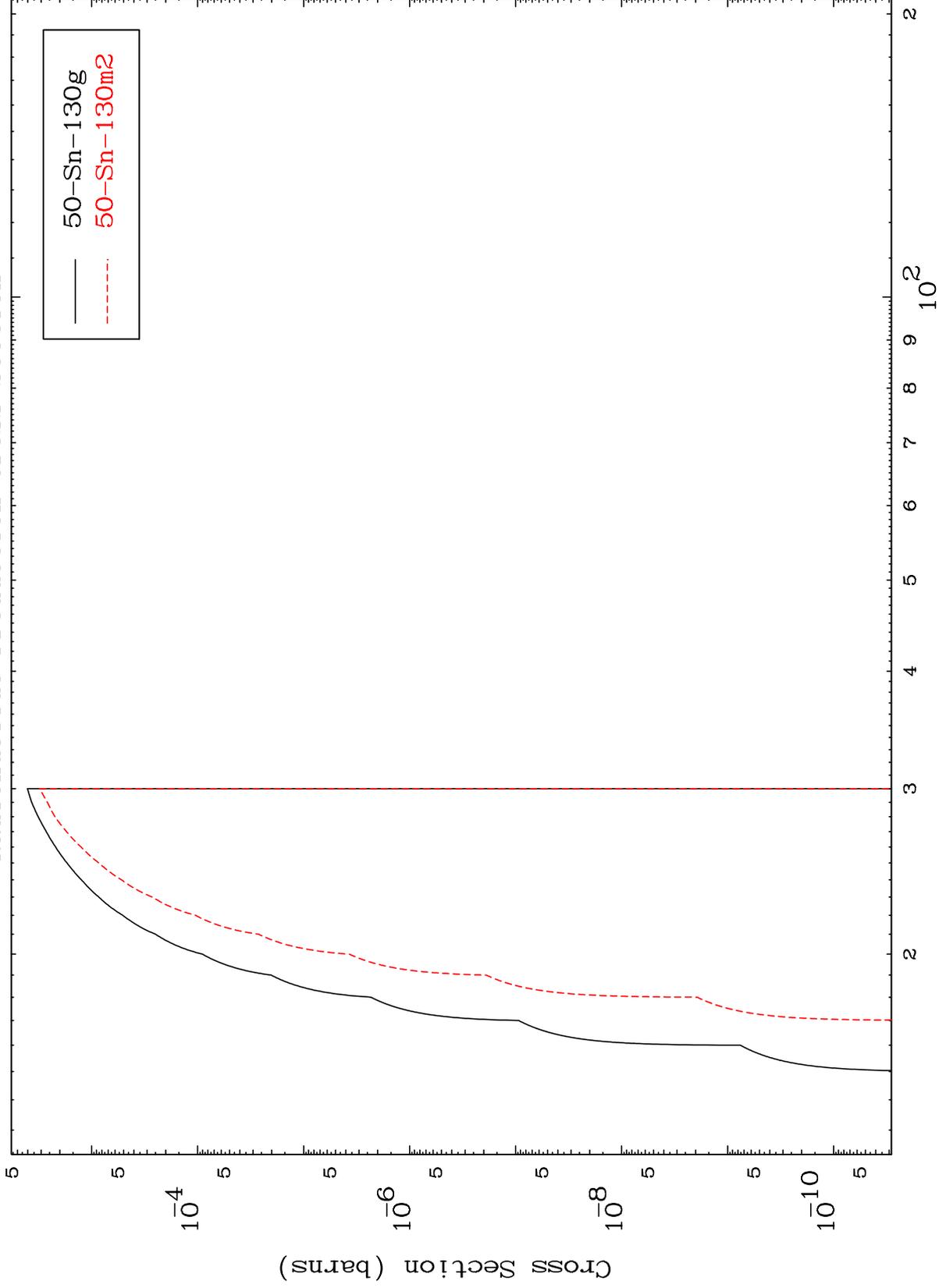


126

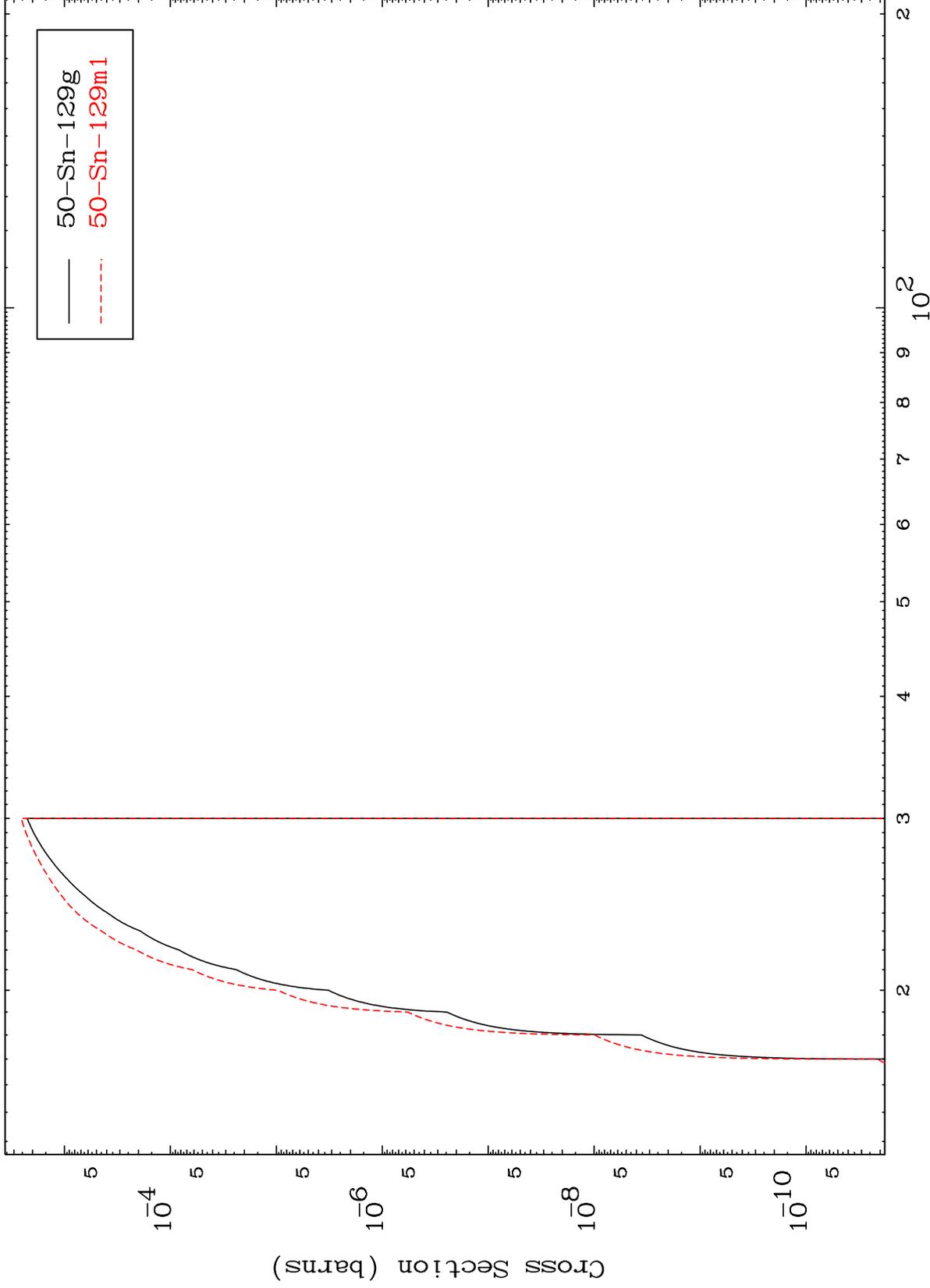
Incident Energy (MeV)

51-Sb-132

Radionuclide Production Cross Section



Radionuclide Production Cross Section

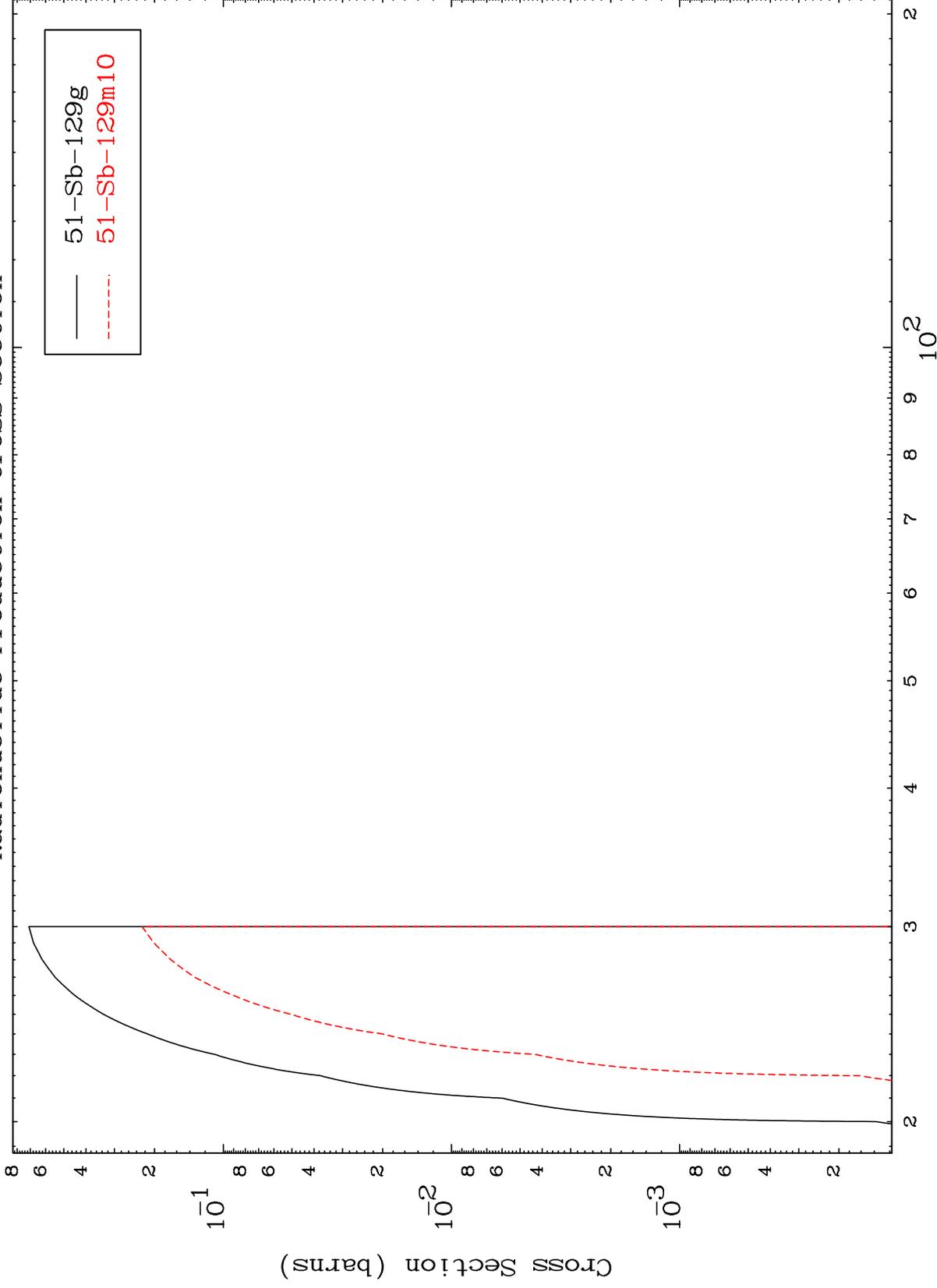


MAT 5158

(n,4n)

51-Sb-132

Radionuclide Production Cross Section



129

Incident Energy (MeV)

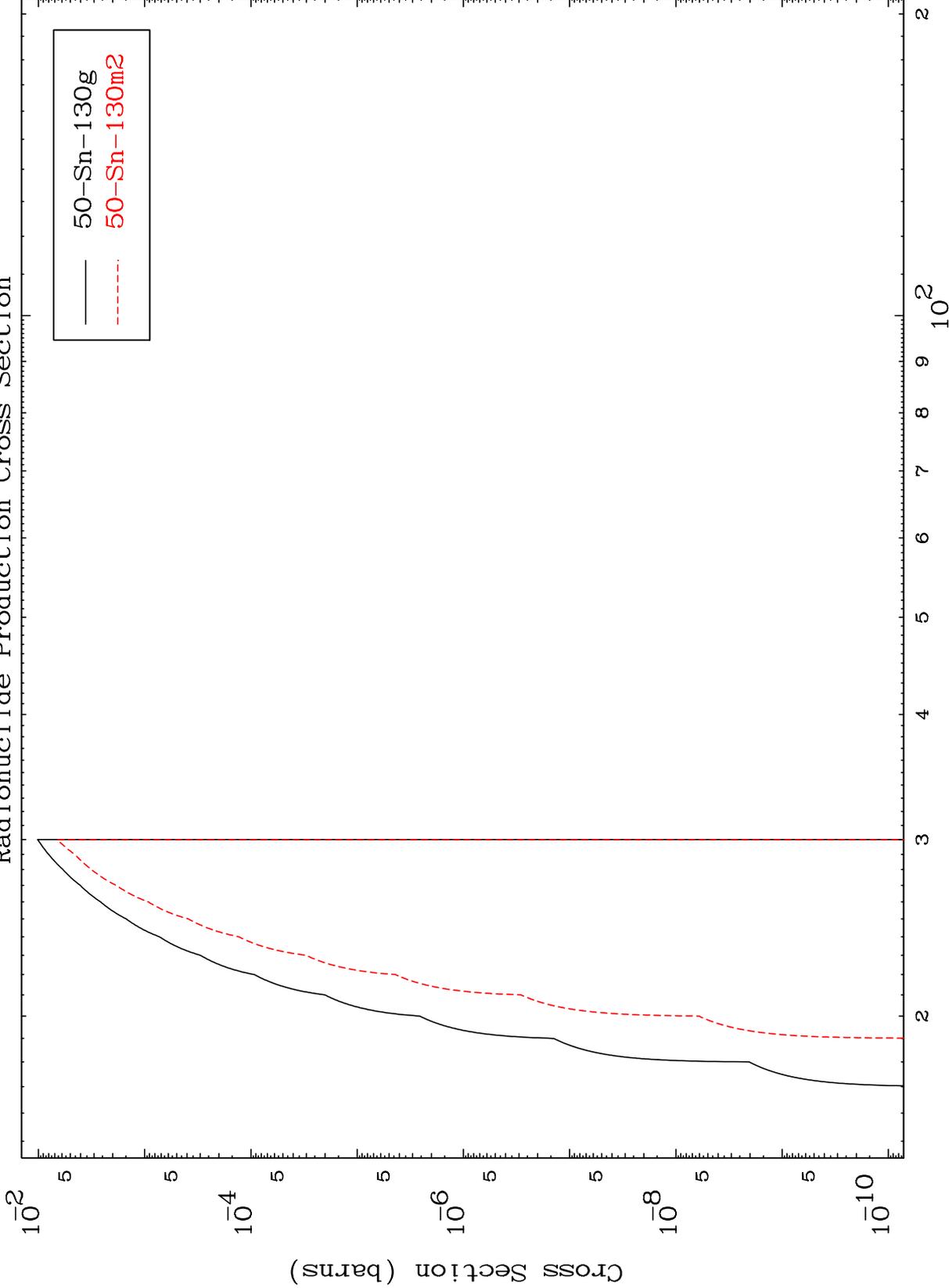
51-Sb-132

MAT 5158

(n,2n) p

51-Sb-132

Radionuclide Production Cross Section



130

Incident Energy (MeV)

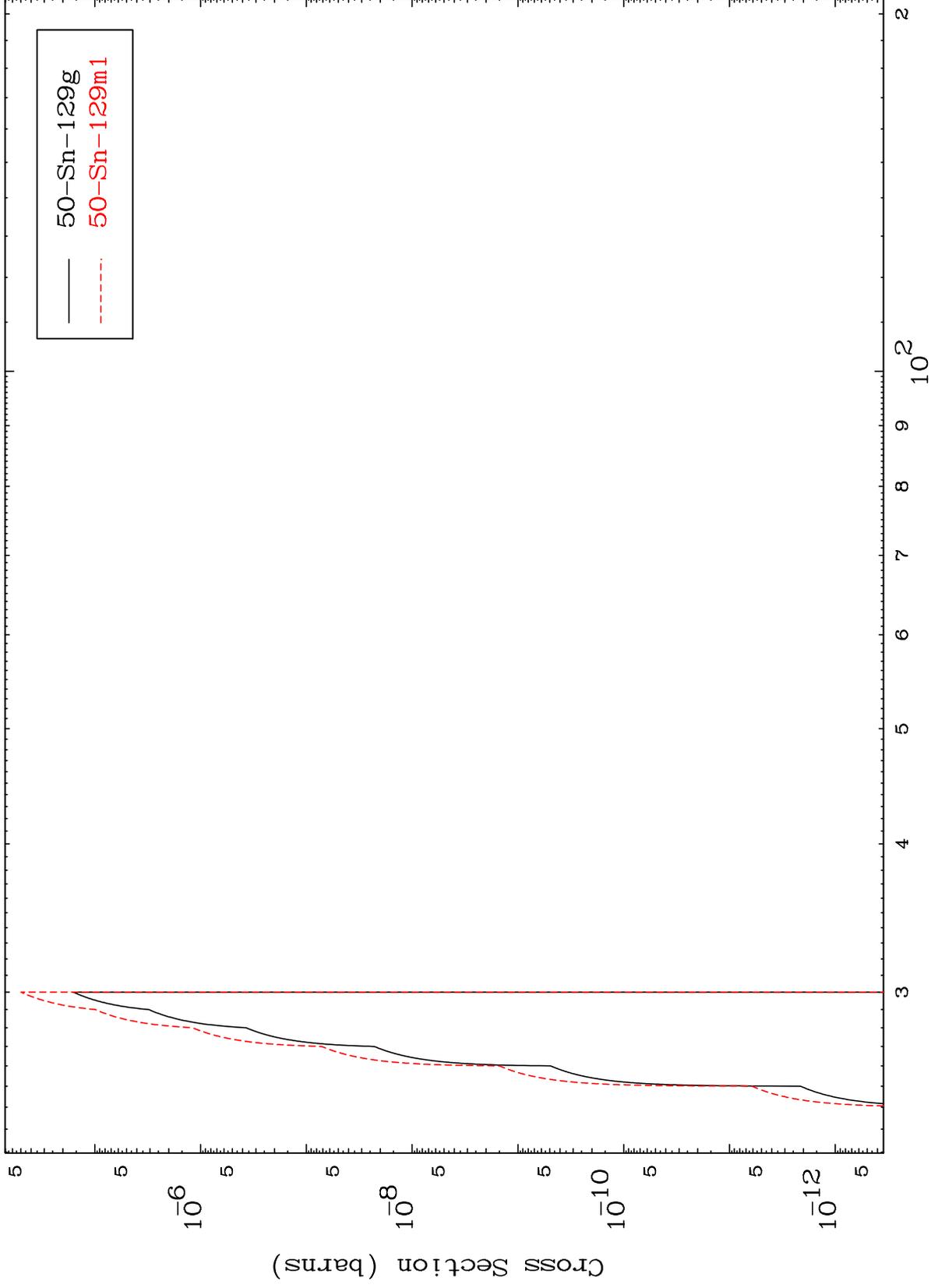
51-Sb-132

MAT 5158

(n,3n) p

51-Sb-132

Radionuclide Production Cross Section



131

Incident Energy (MeV)

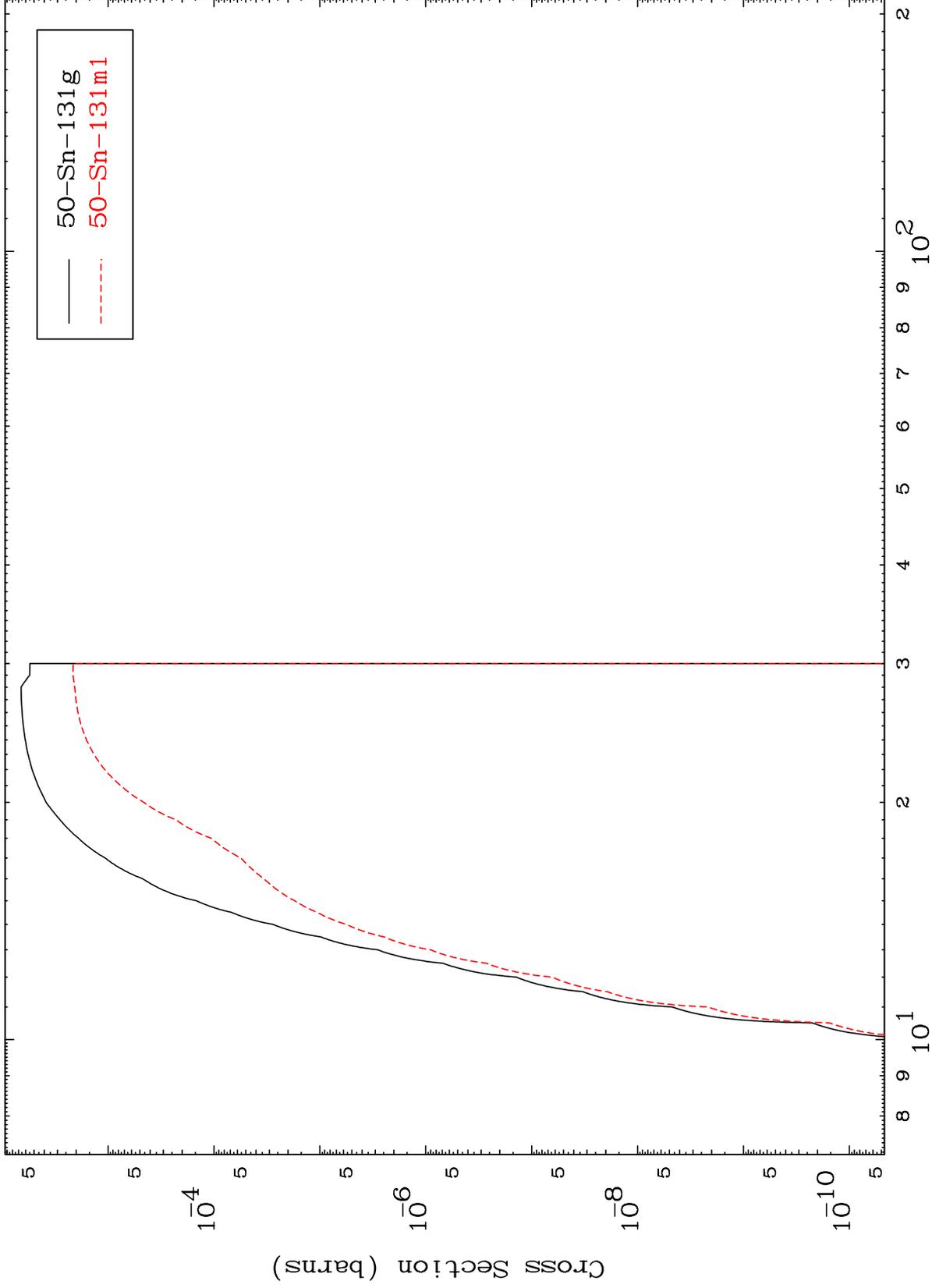
51-Sb-132

MAT 5158

(n,d)

51-Sb-132

Radionuclide Production Cross Section



132

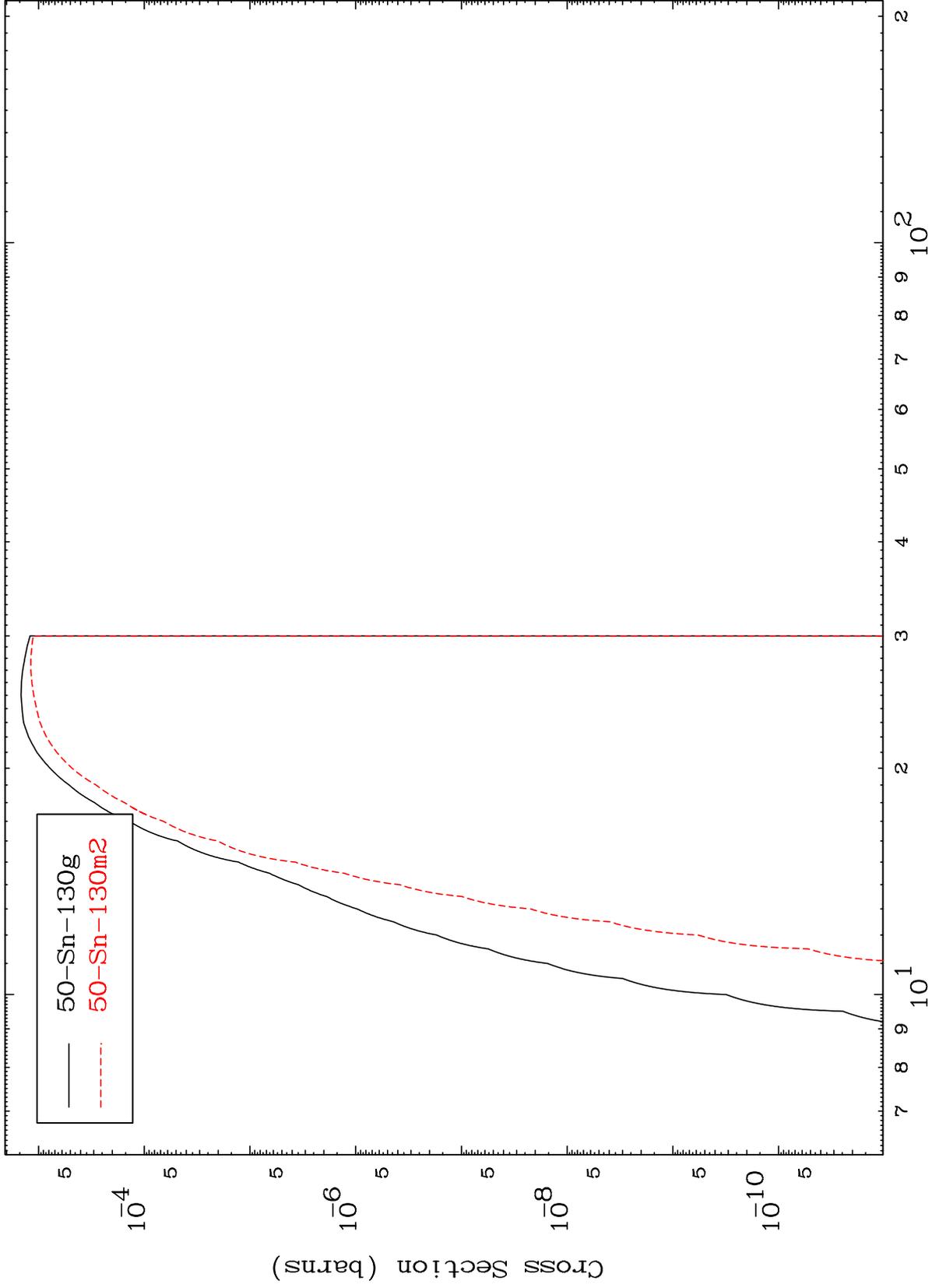
Incident Energy (MeV)

51-Sb-132

MAT 5158

51-Sb-132

(n,t)
Radionuclide Production Cross Section

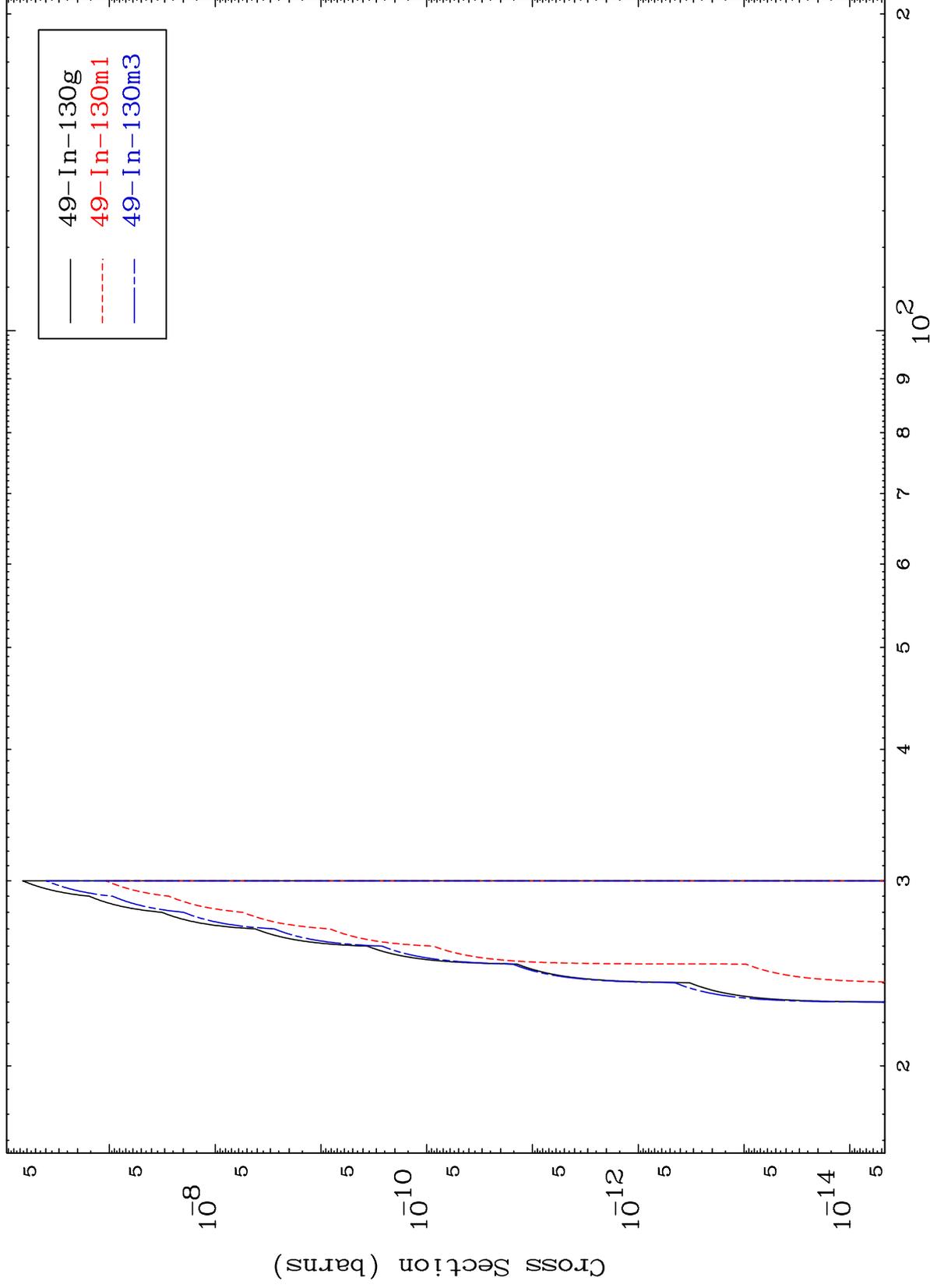


133

Incident Energy (MeV)

51-Sb-132

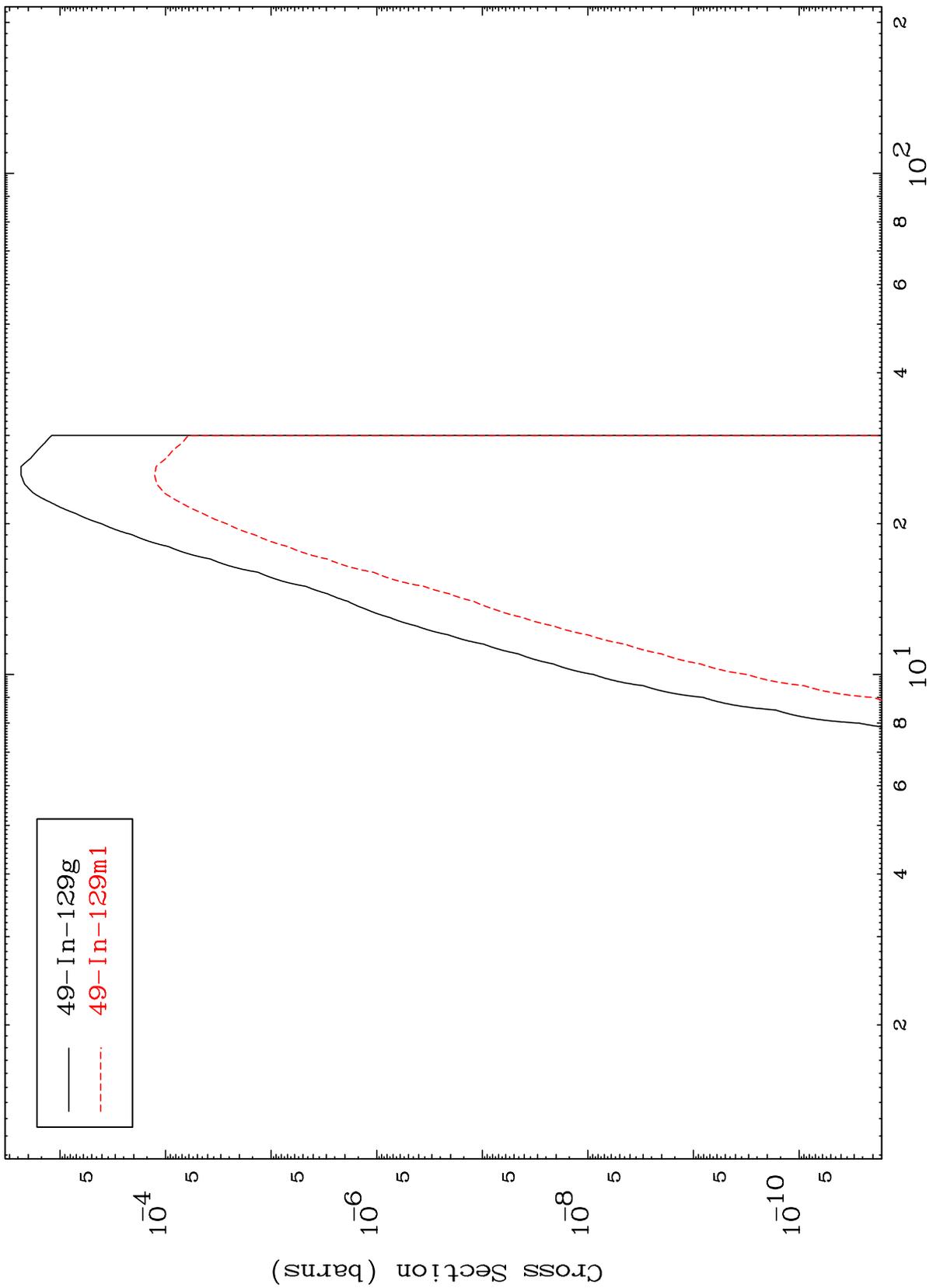
Radionuclide Production Cross Section



MAT 5158

51-Sb-132

(n, α)
Radionuclide Production Cross Section



135

51-Sb-132

Incident Energy (MeV)