

Program EVALPLOT
(Version 2021-1)

by

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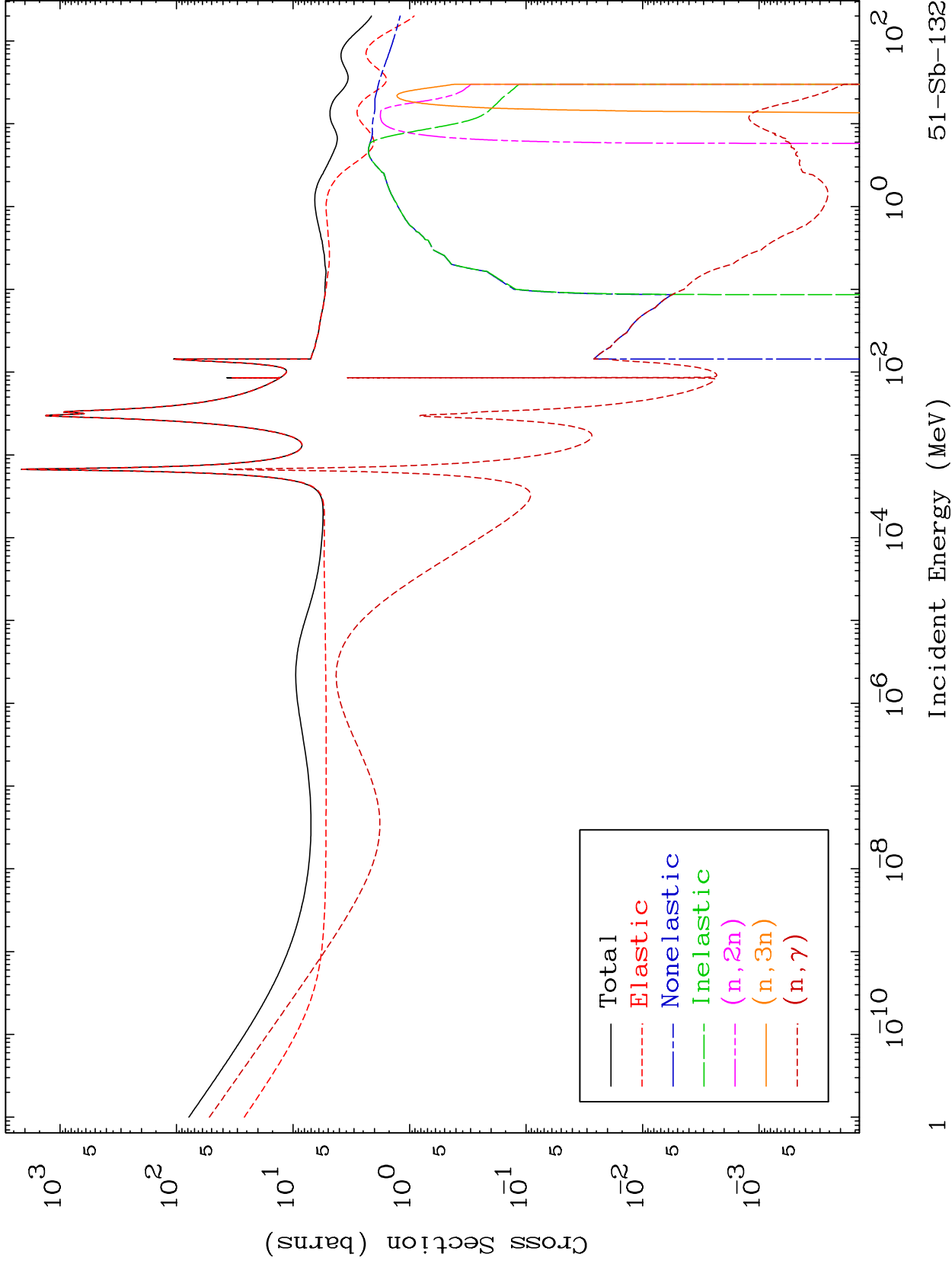
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Press Mouse Button to Start

MAT 5158

Neutron Major
293 Kelvin Cross Sections

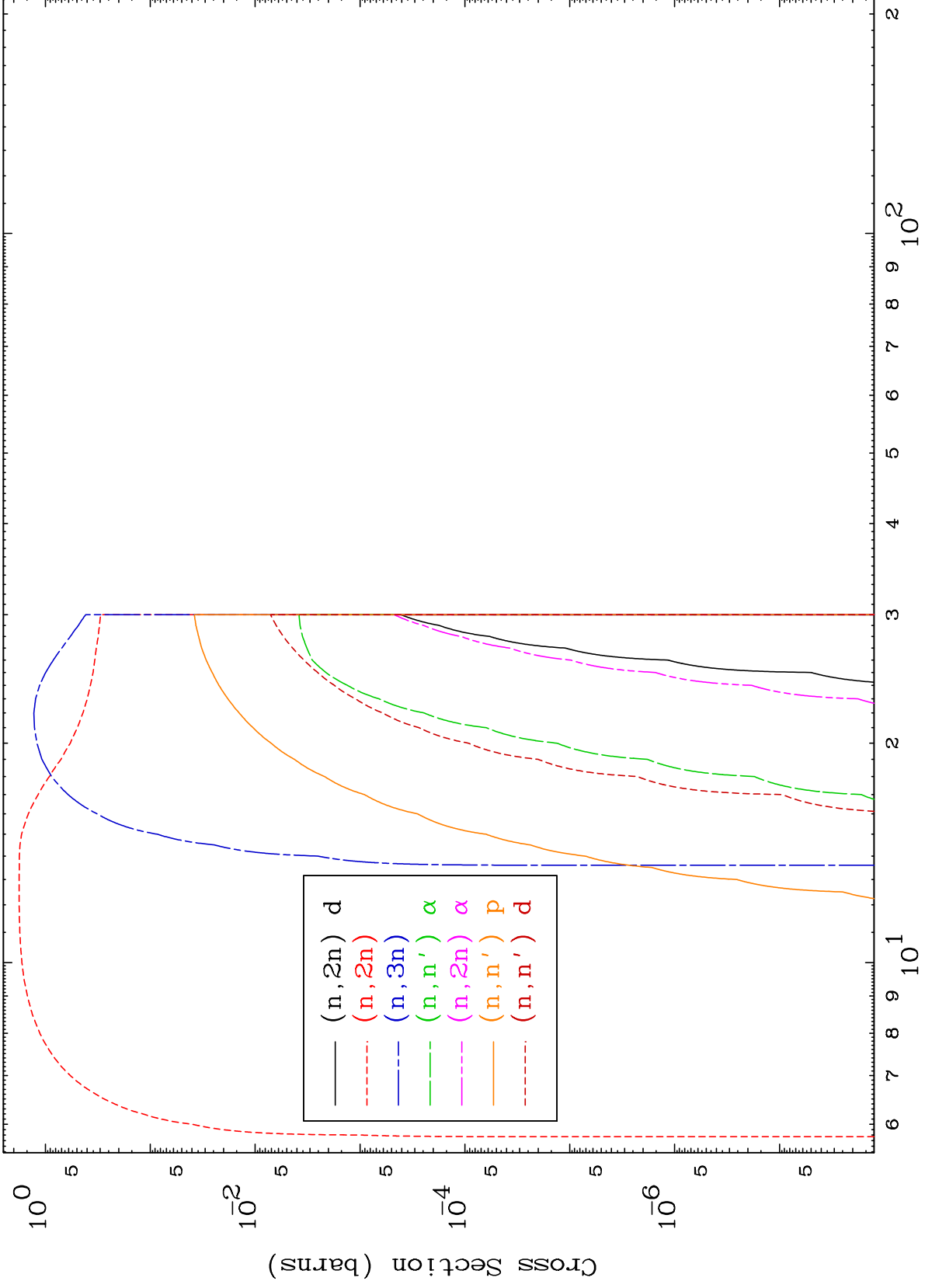
51-Sb-132



MAT 5158

Neutron Absorption
293 Kelvin Cross Sections

51-Sb-132



2

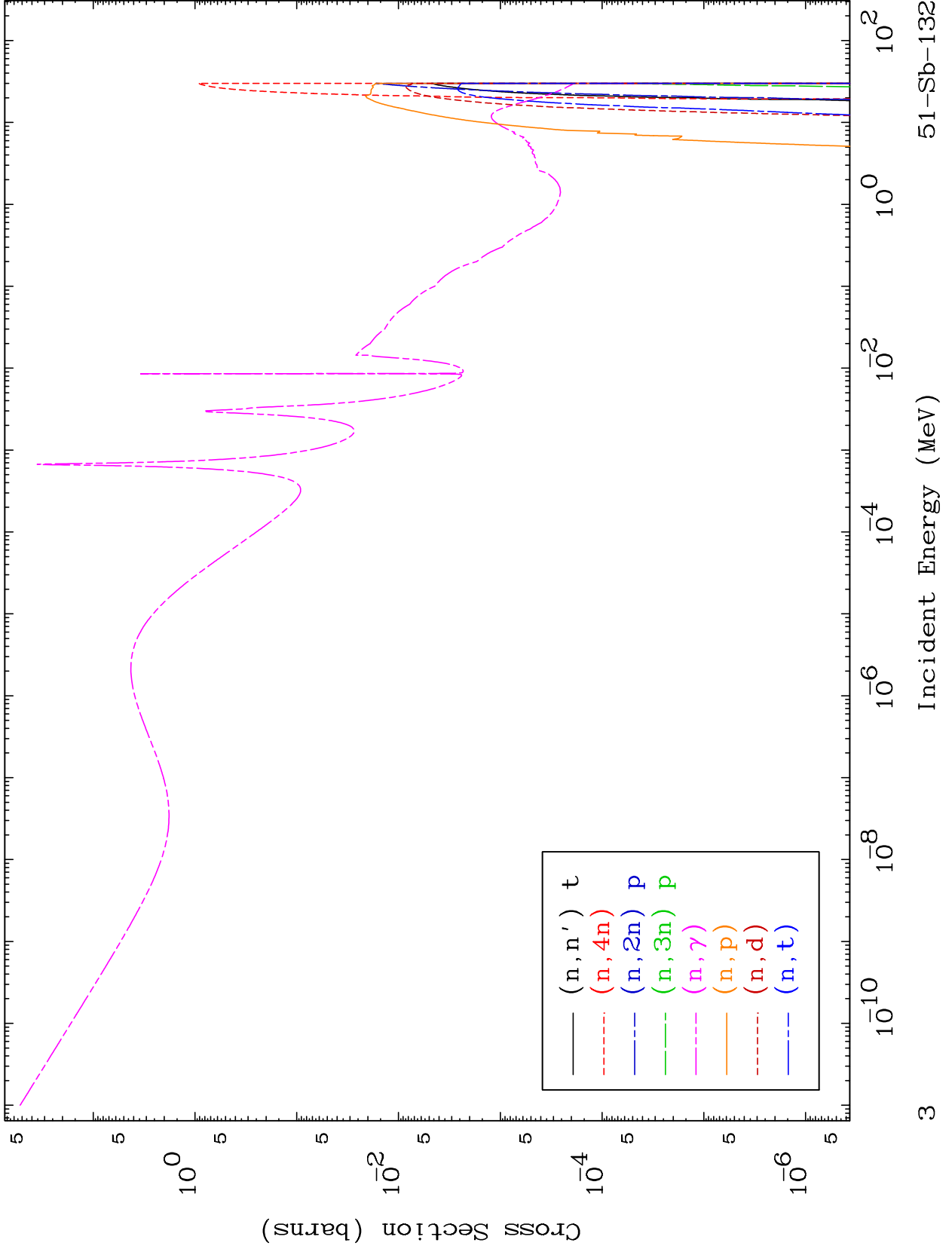
Incident Energy (MeV)

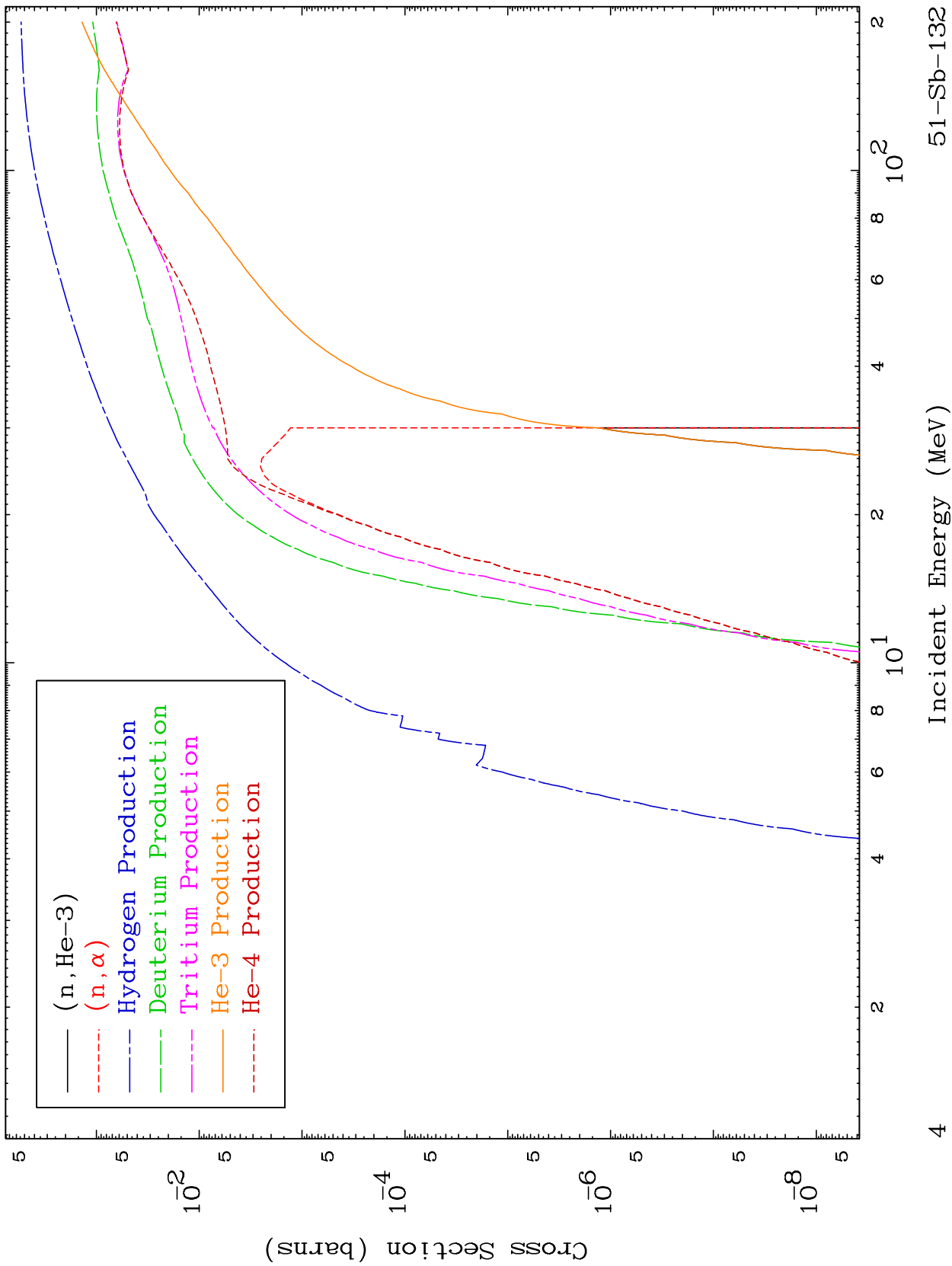
51-Sb-132

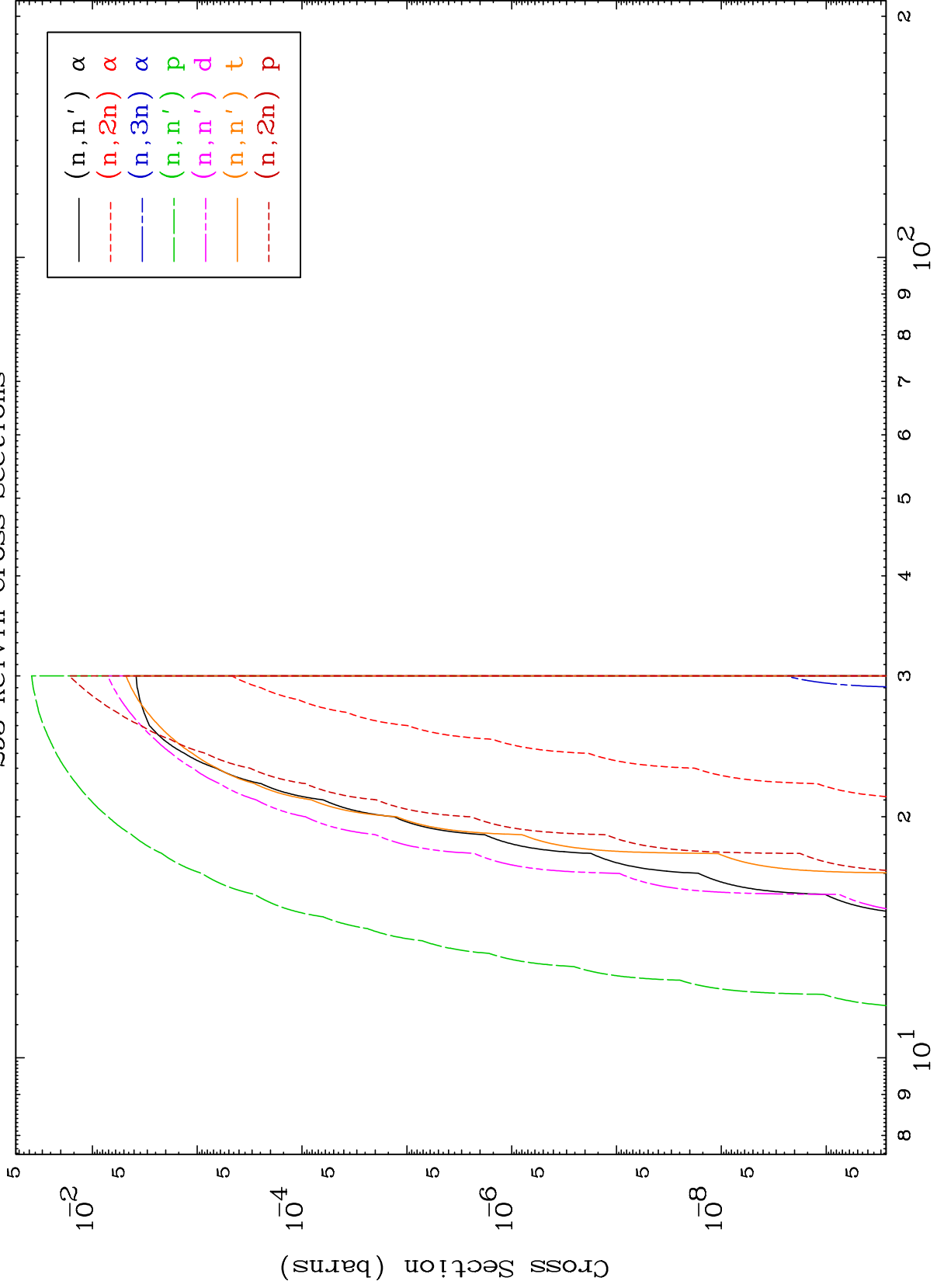
MAT 5158

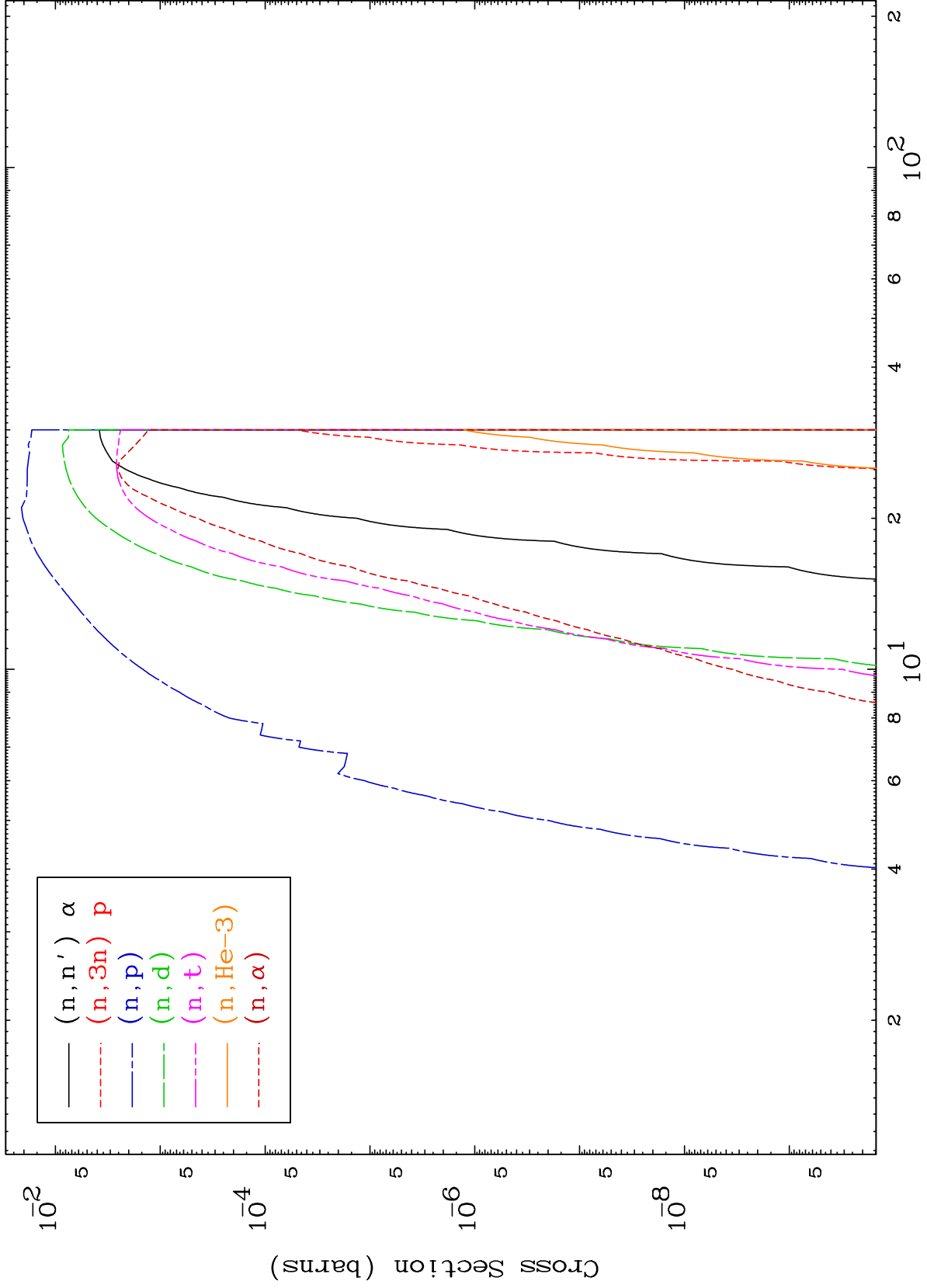
Neutron Absorption
293 Kelvin Cross Sections

51-Sb-132





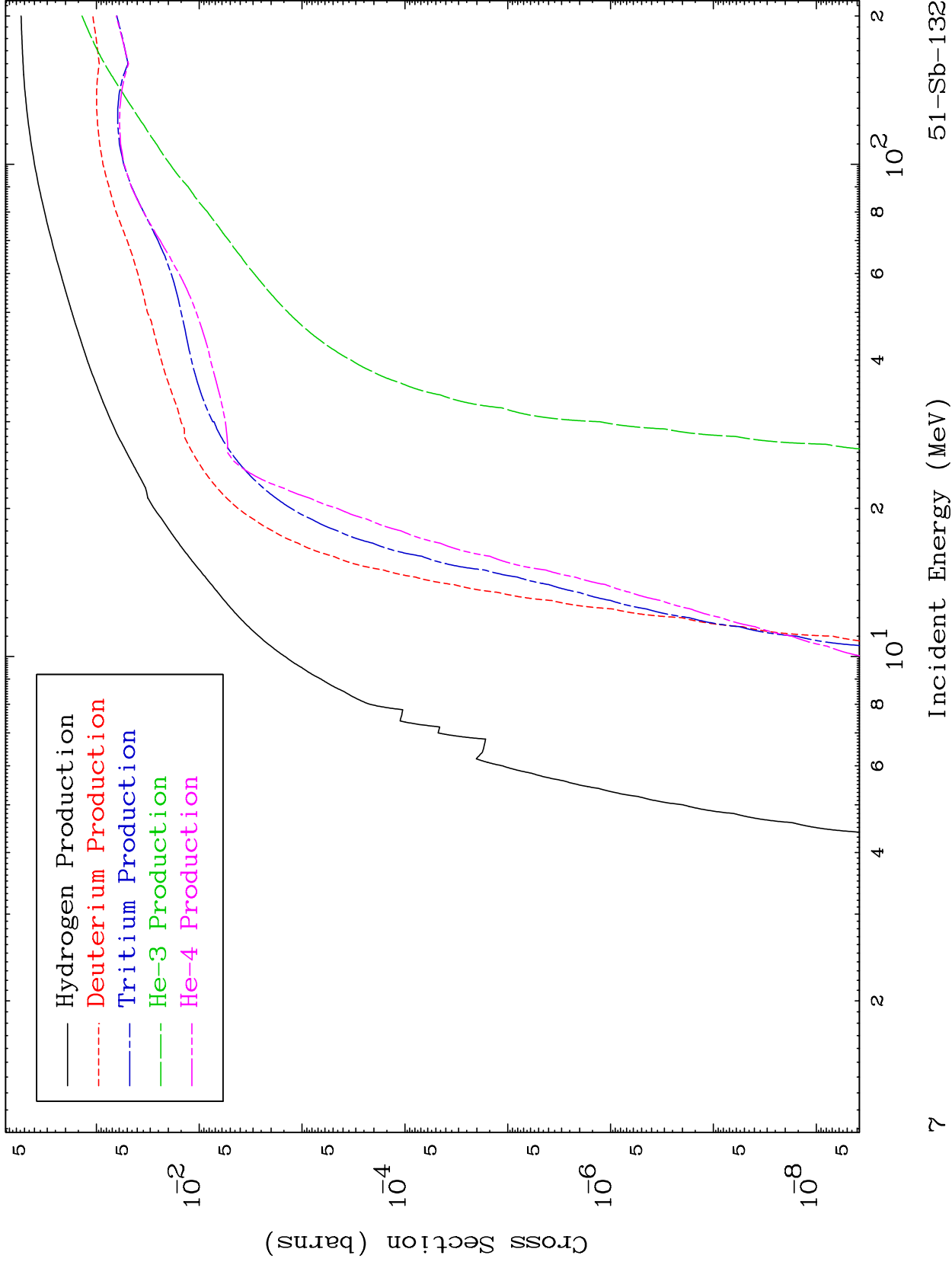




MAT 5158

Particle Production
293 Kelvin Cross Sections

51-Sb-132

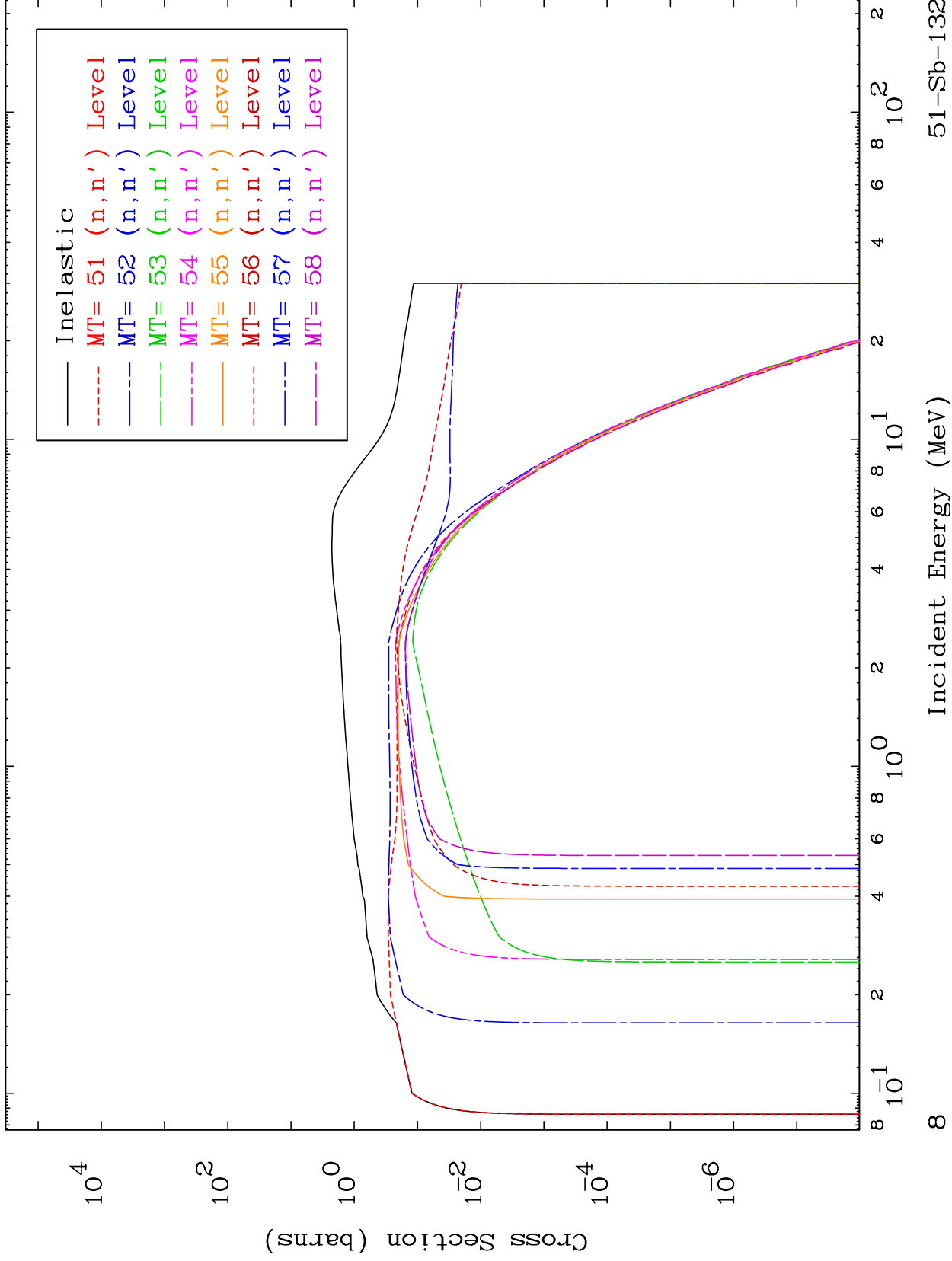


MAT 5158

(n,n') Levels

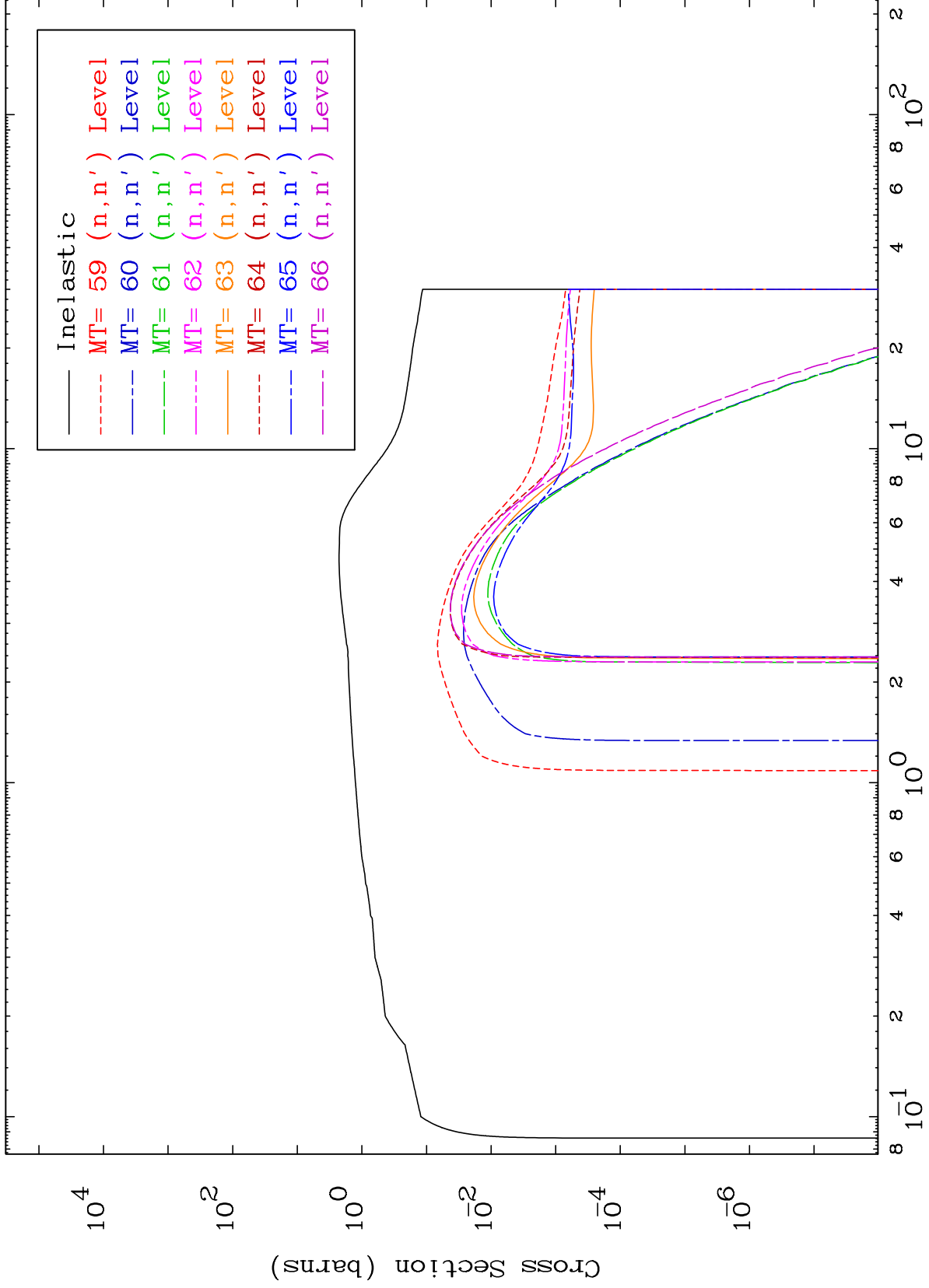
51-Sb-132

293 Kelvin Cross Sections



8

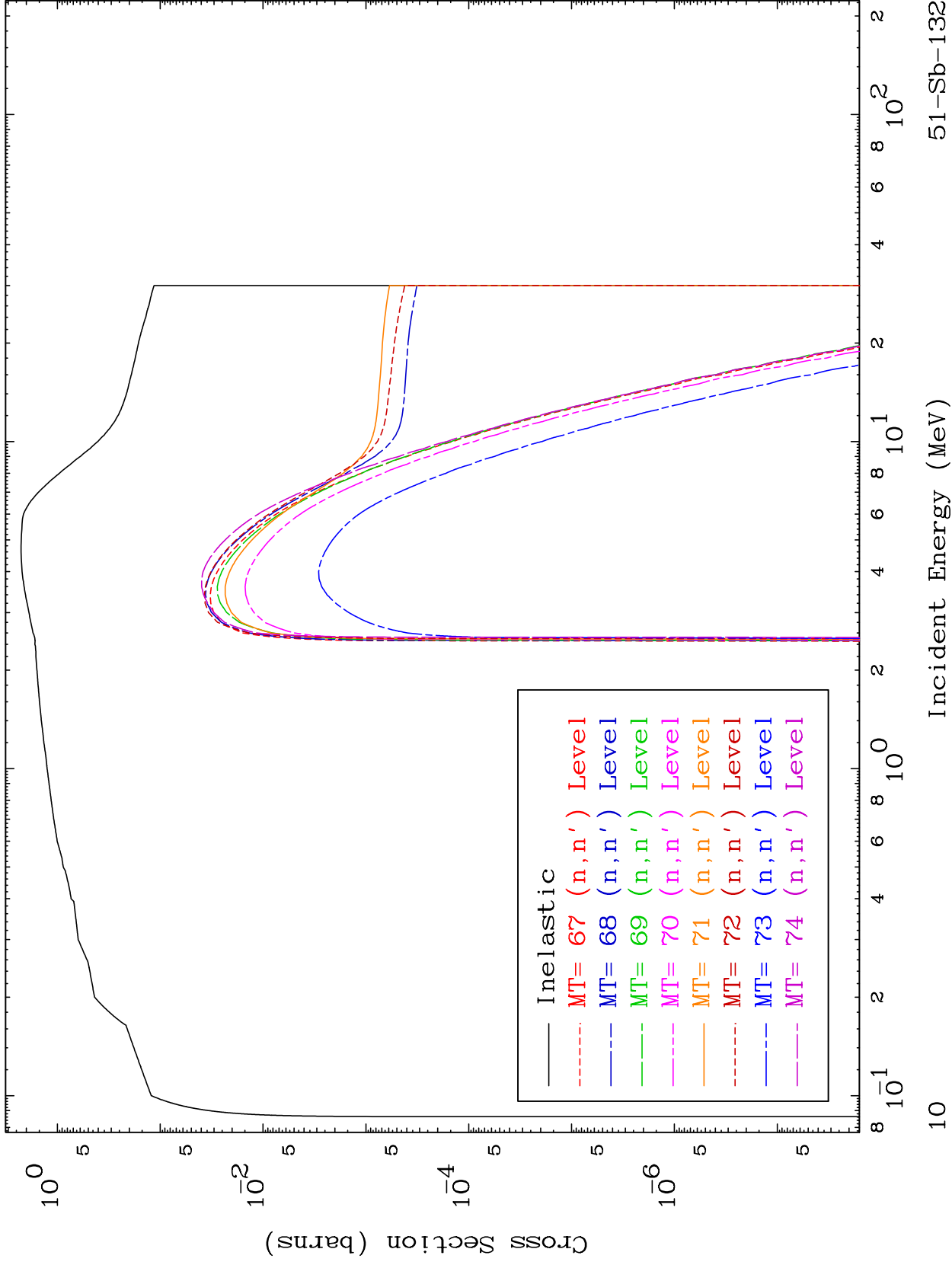
293 Kelvin Cross Sections



MAT 5158

(n,n') Levels
293 Kelvin Cross Sections

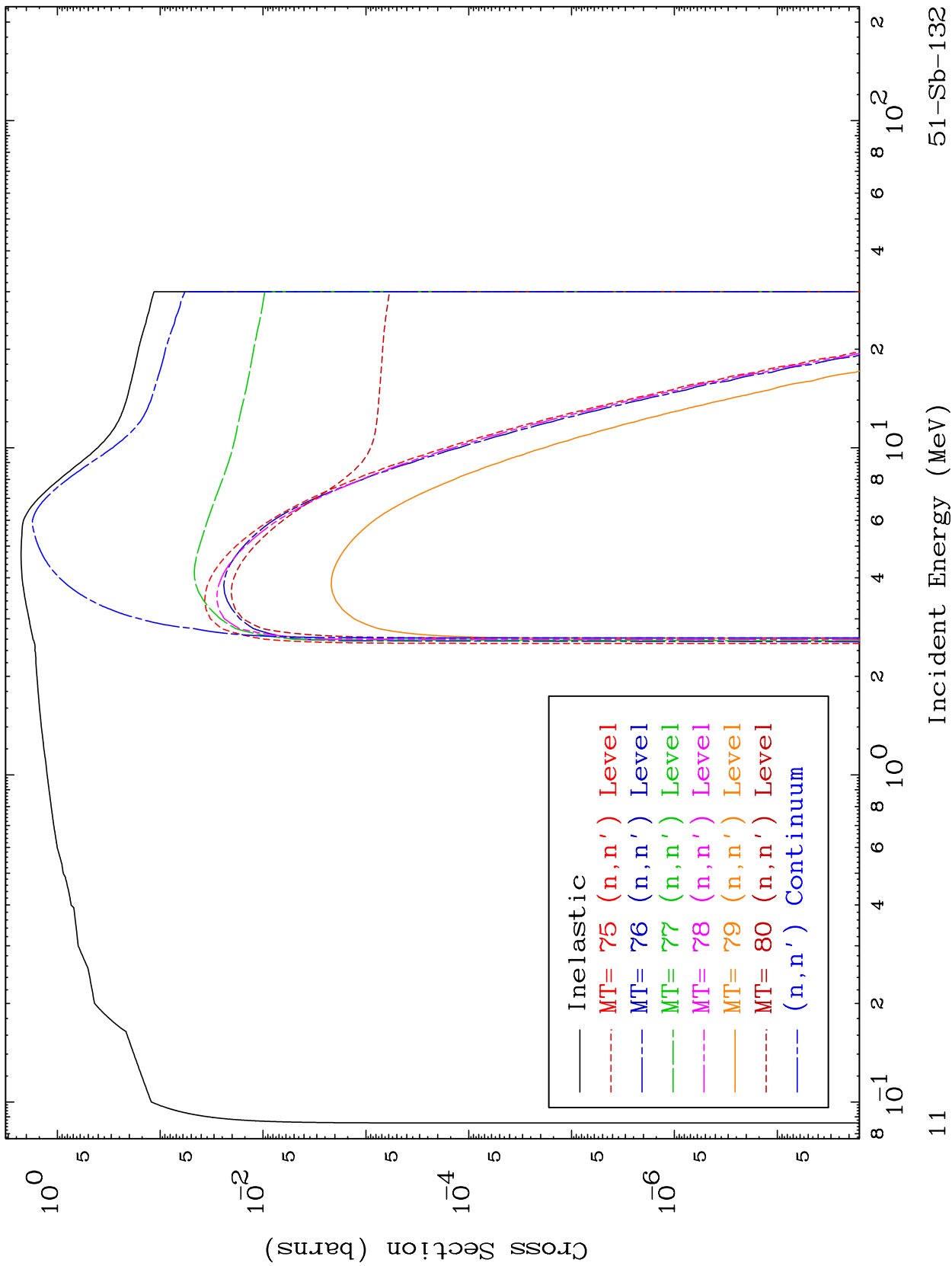
51-Sb-132



51-Sb-132

Incident Energy (MeV)

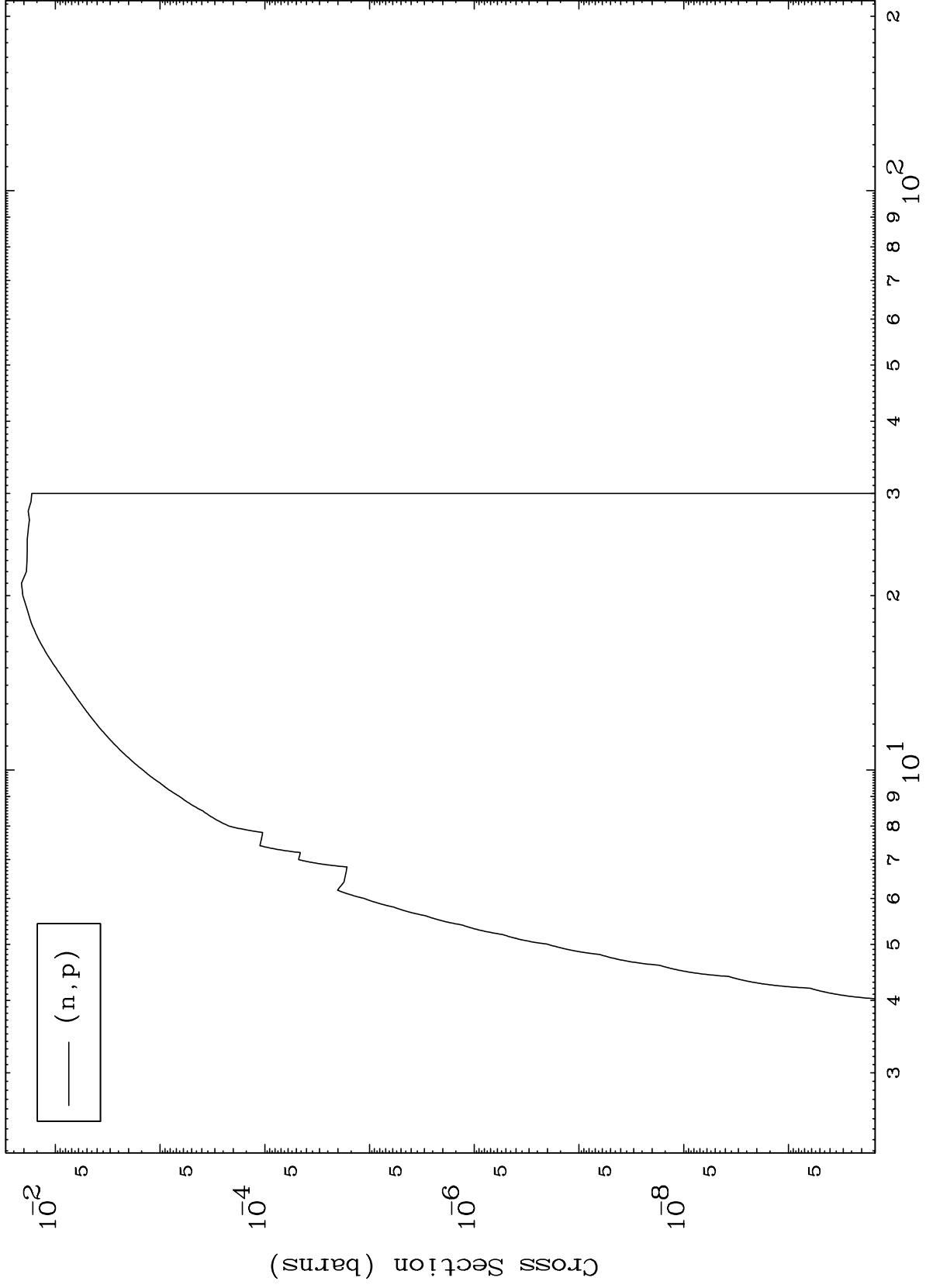
(n,n') Levels
293 Kelvin Cross Sections



MAT 5158

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-132



12

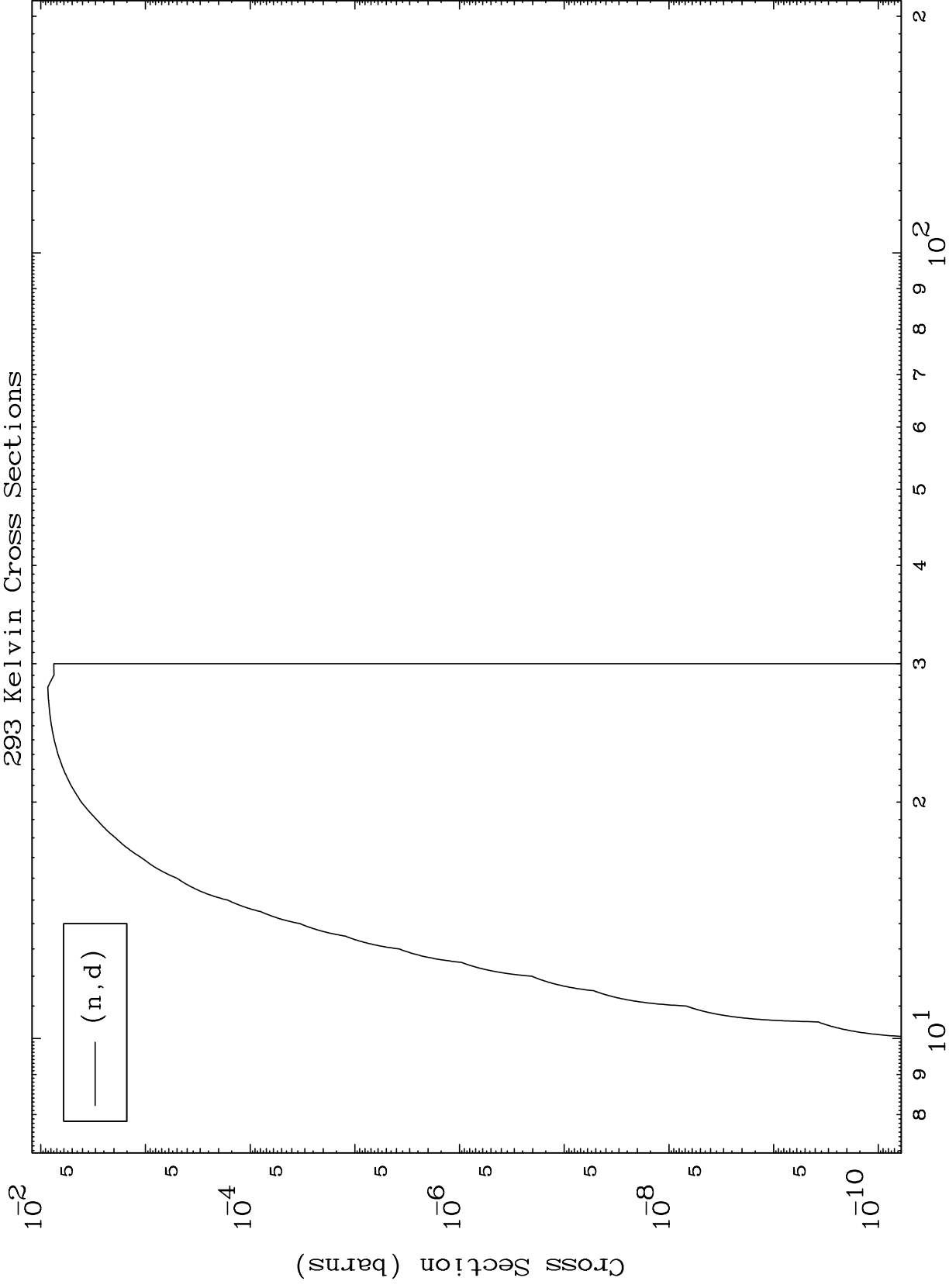
Incident Energy (MeV)

51-Sb-132

MAT 5158

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-132



13

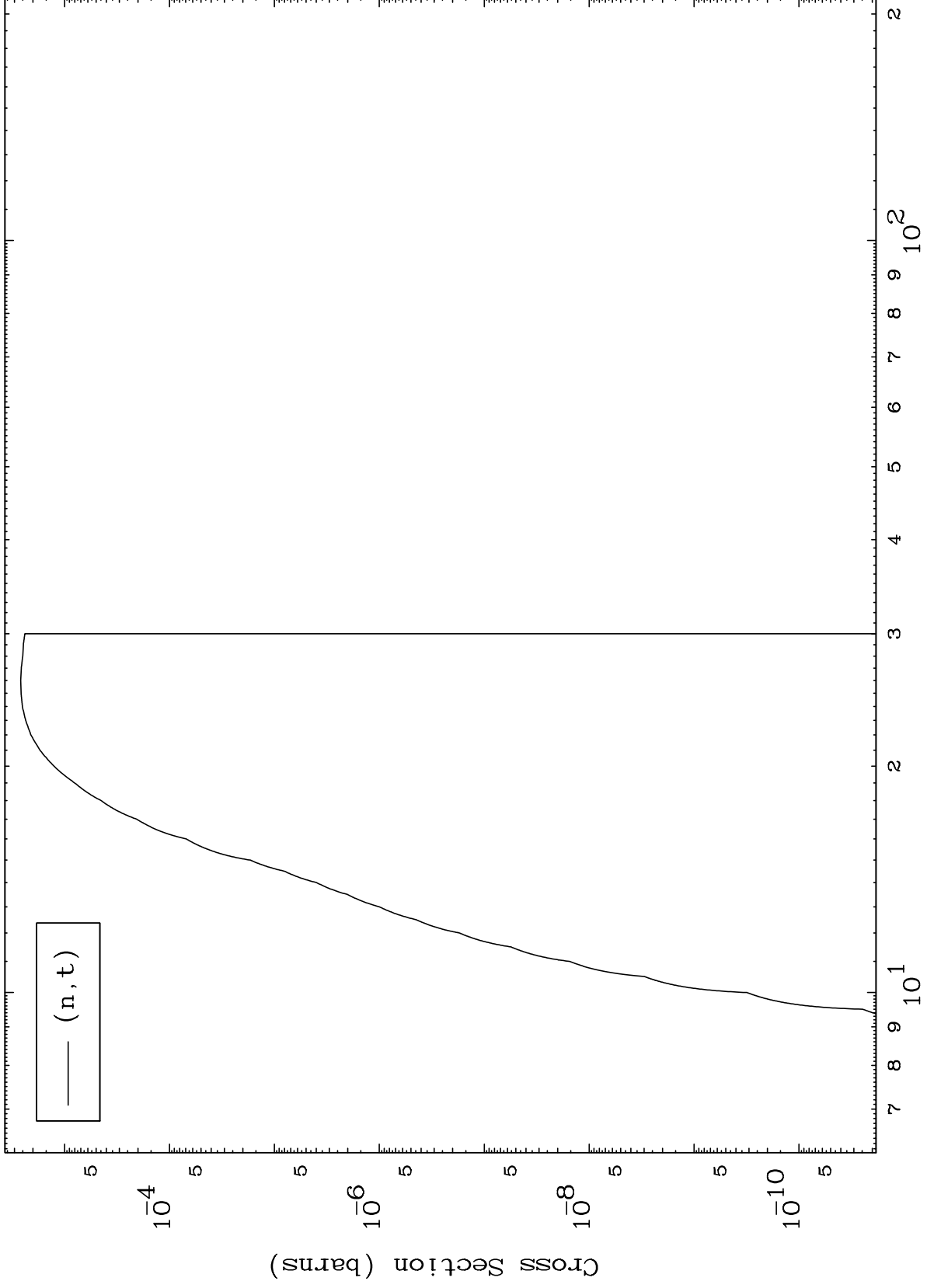
Incident Energy (MeV)

51-Sb-132

MAT 5158

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-132



14

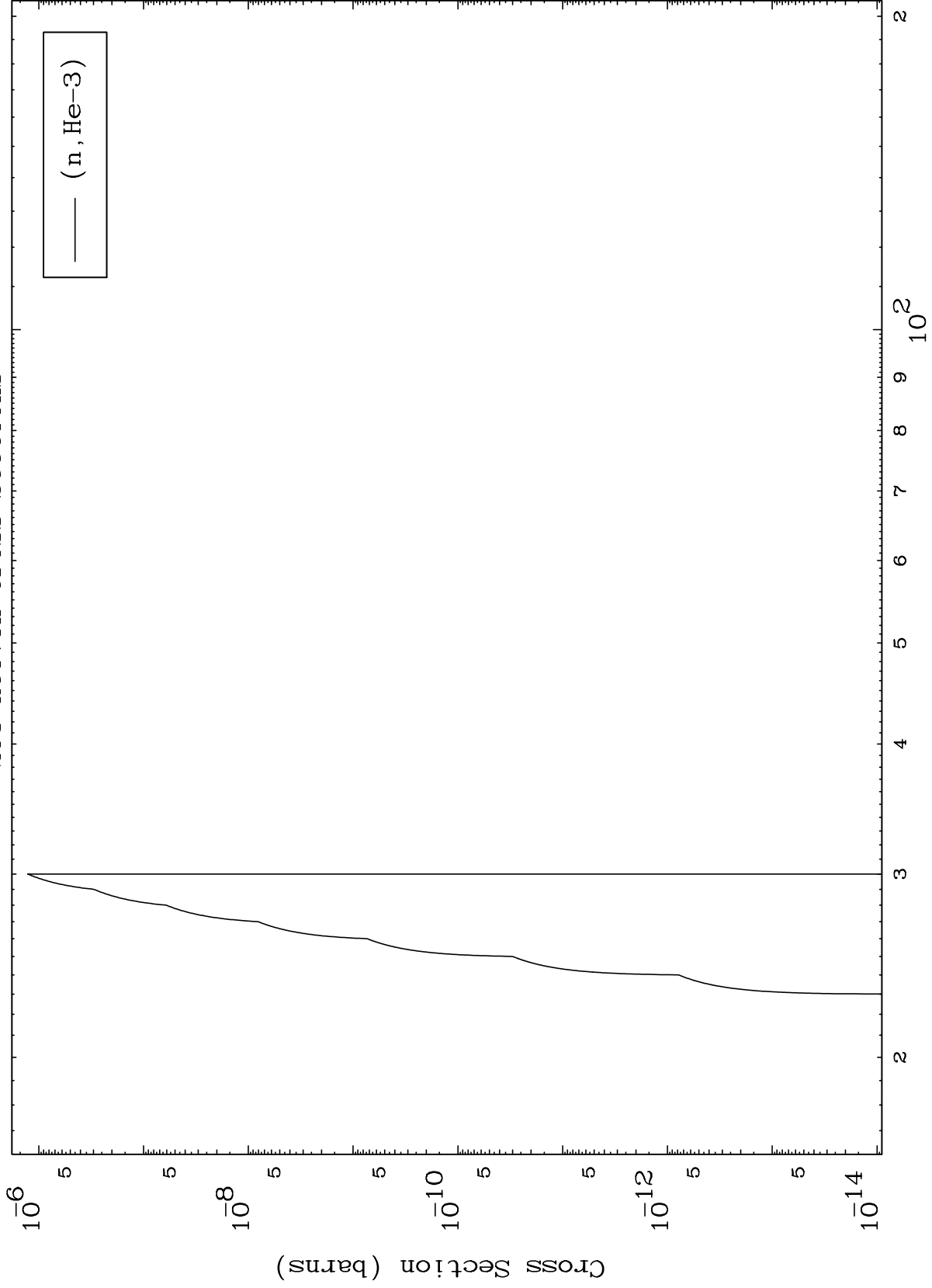
Incident Energy (MeV)

51-Sb-132

MAT 5158

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-132



15

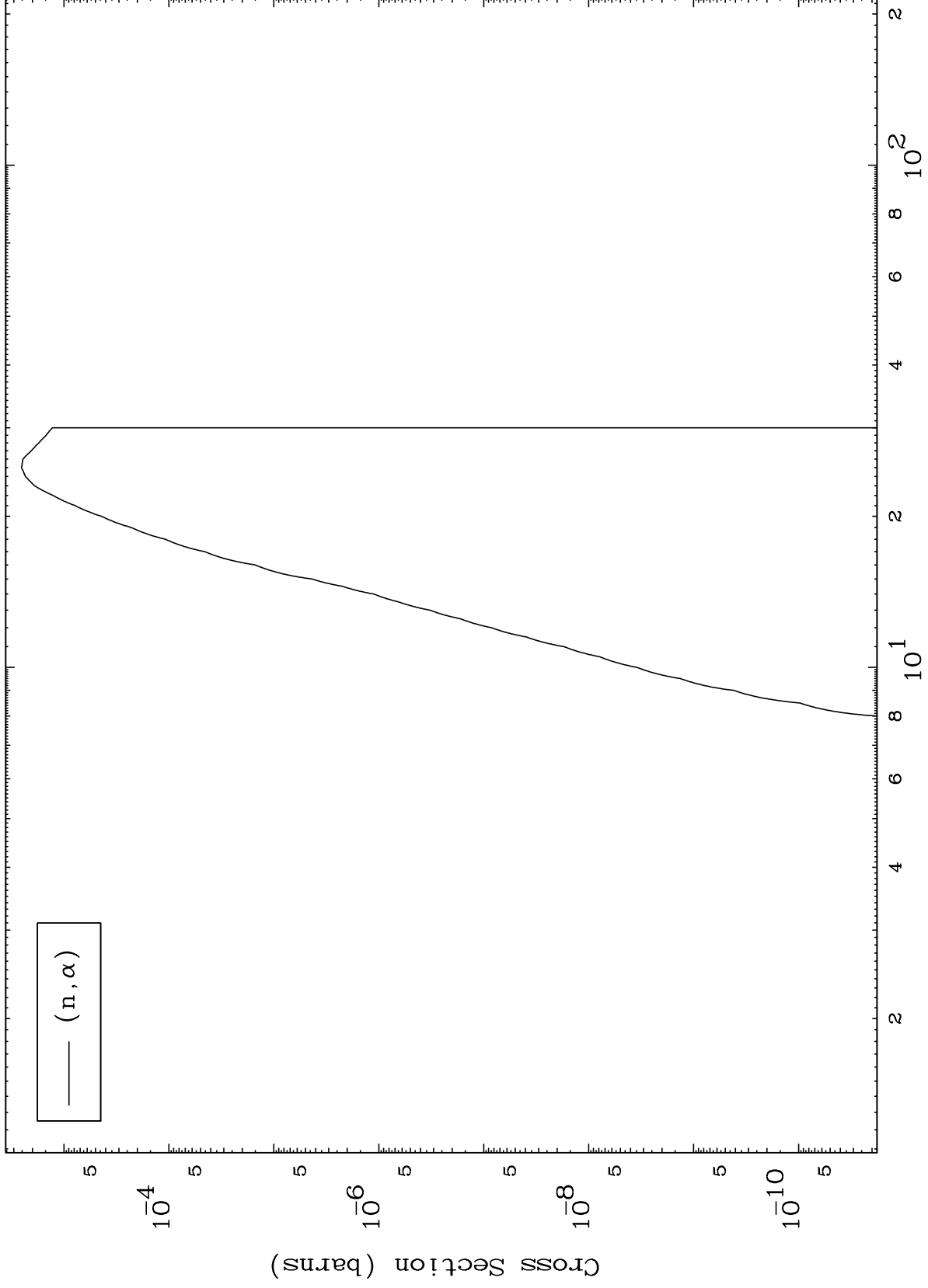
Incident Energy (MeV)

51-Sb-132

MAT 5158

(n, α) Levels
293 Kelvin Cross Sections

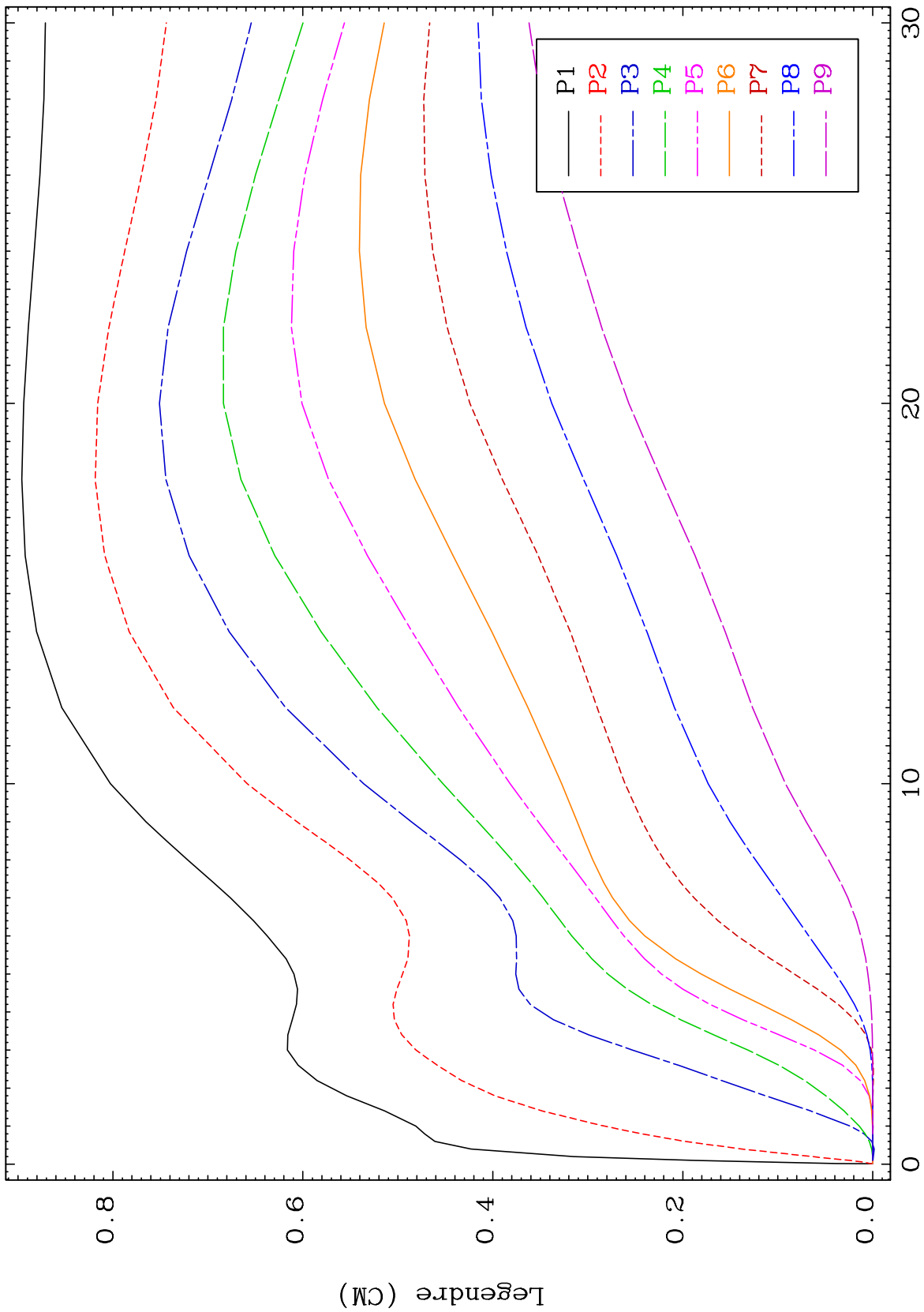
51-Sb-132



MAT 5158

Elastic Legendre Coefficients

51-Sb-132



17

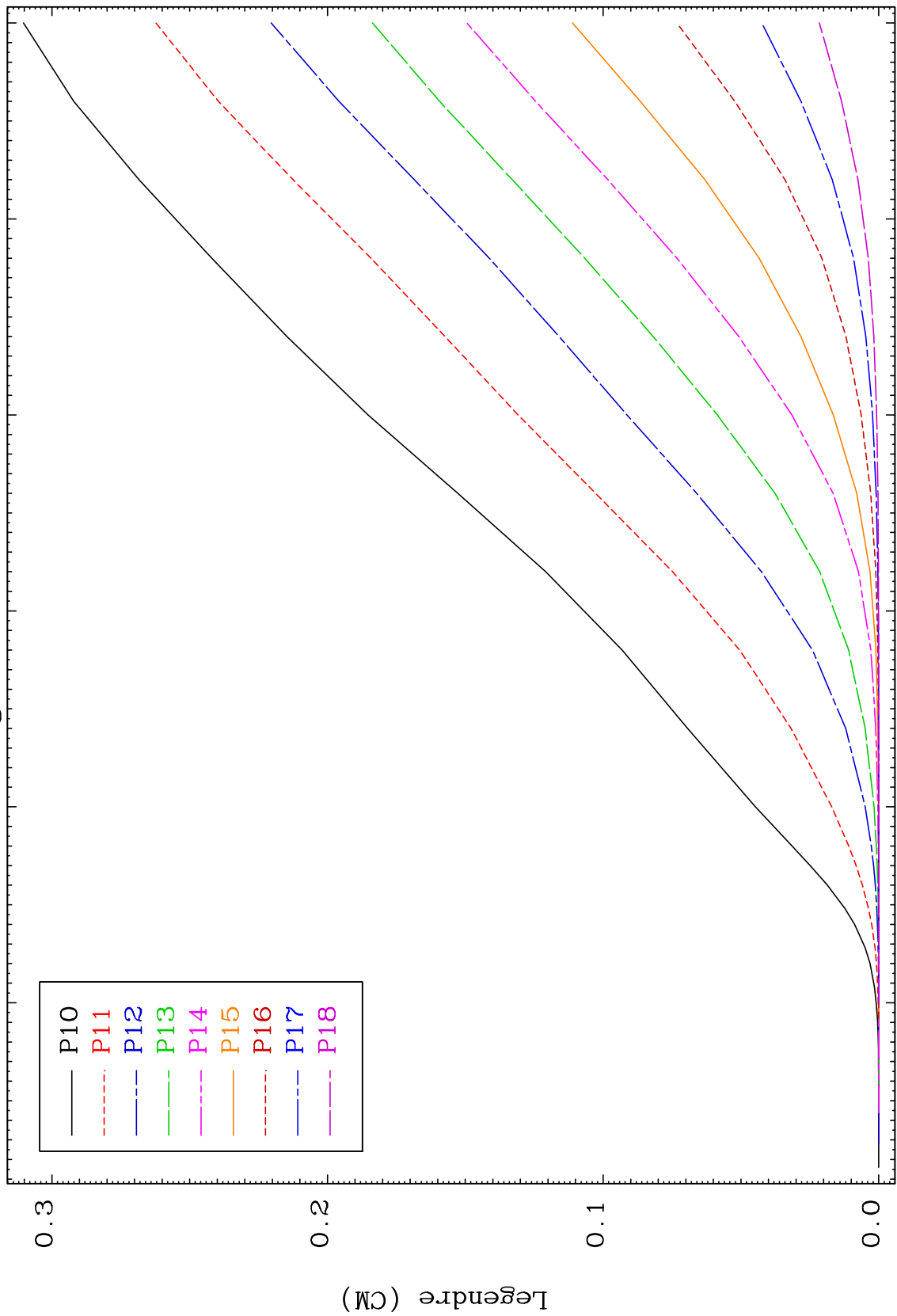
Incident Energy (MeV)

51-Sb-132

MAT 5158

Elastic Legendre Coefficients

51-Sb-132



18

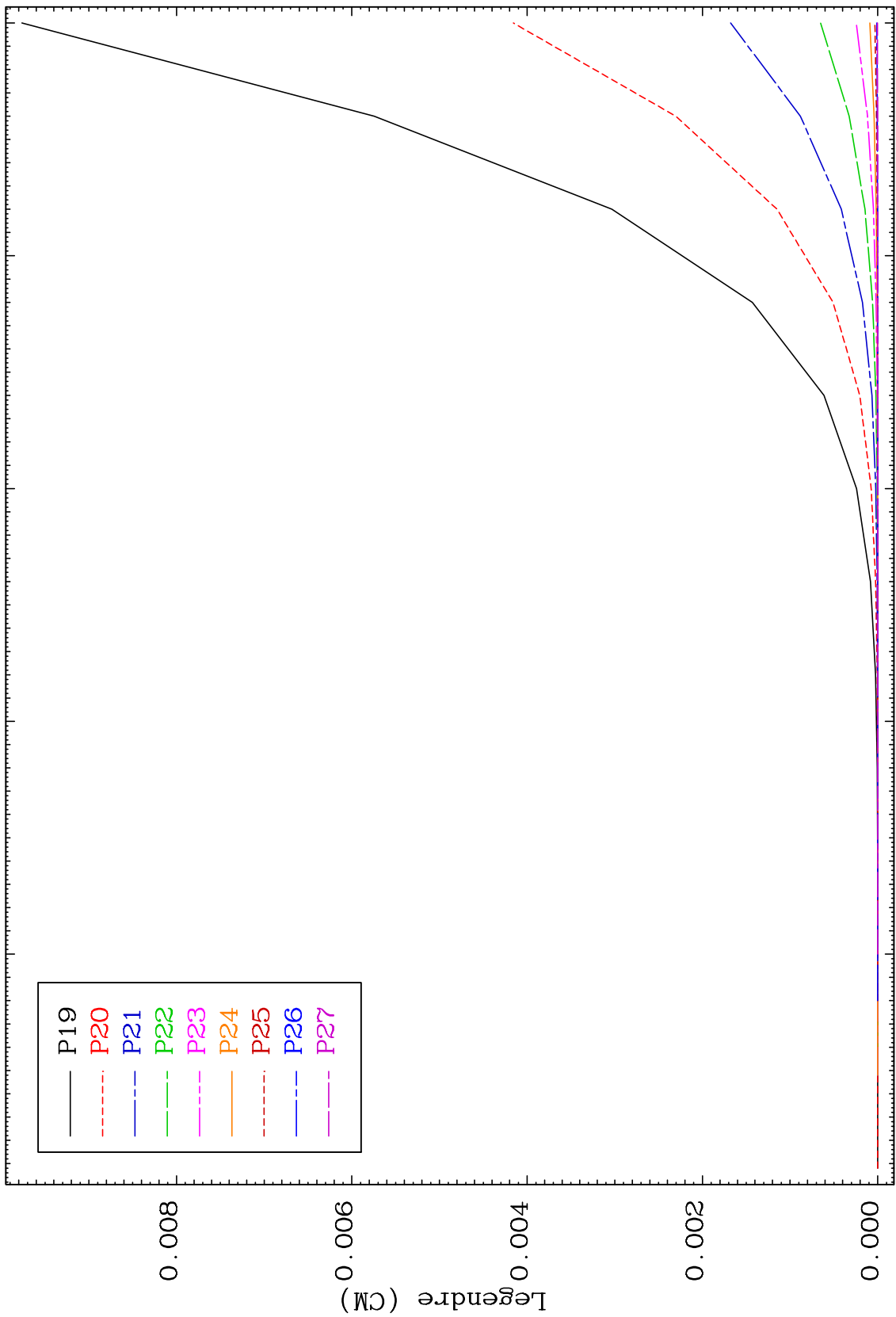
Incident Energy (MeV)

51-Sb-132

MAT 5158

Elastic Legendre Coefficients

51-Sb-132



19

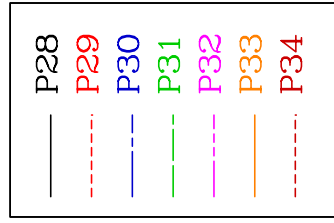
Incident Energy (MeV)

51-Sb-132

MAT 5158

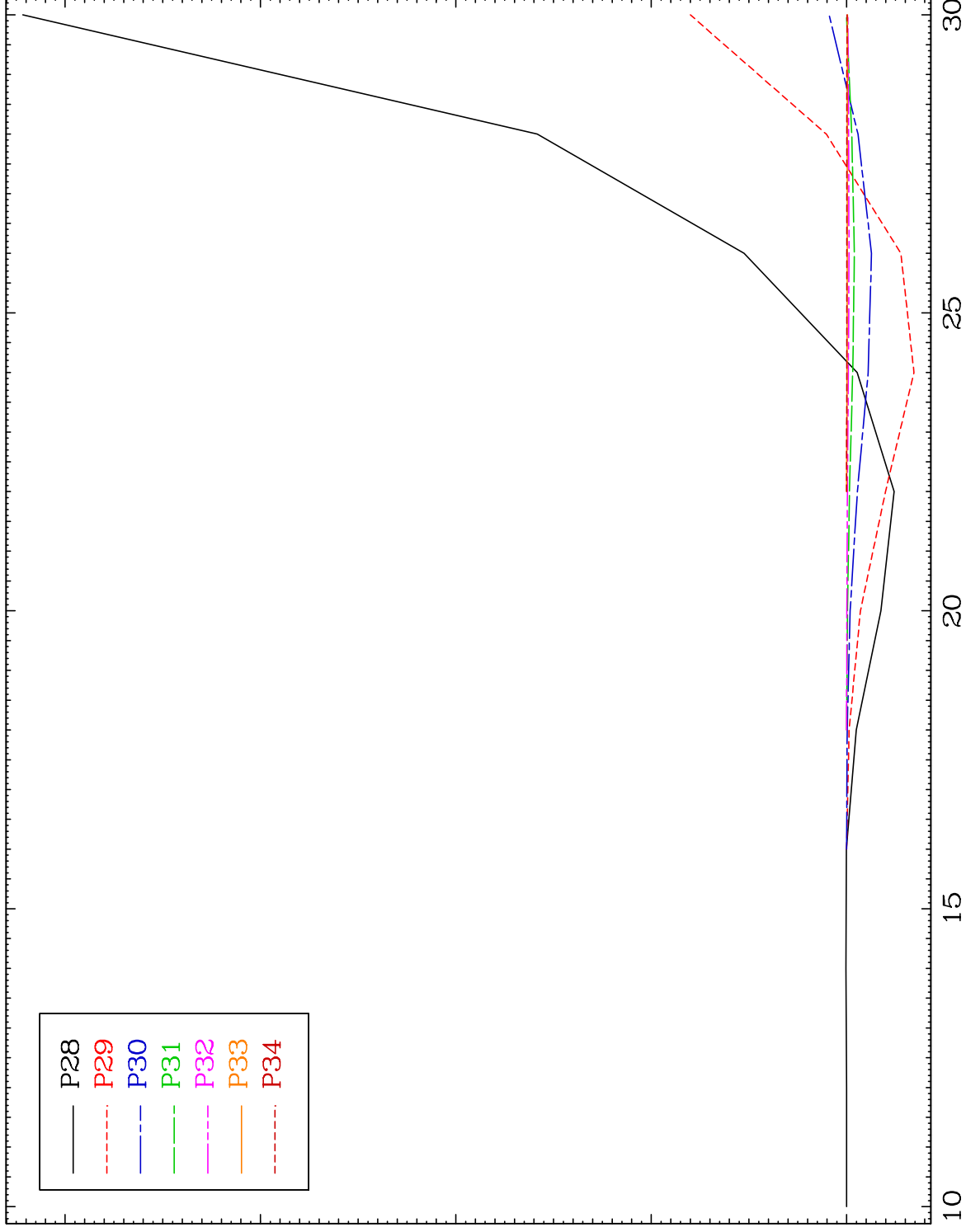
Elastic Legendre Coefficients

51-Sb-132



$\times 10^{-78}$

Legendre (CM)



10

15

20

25

30

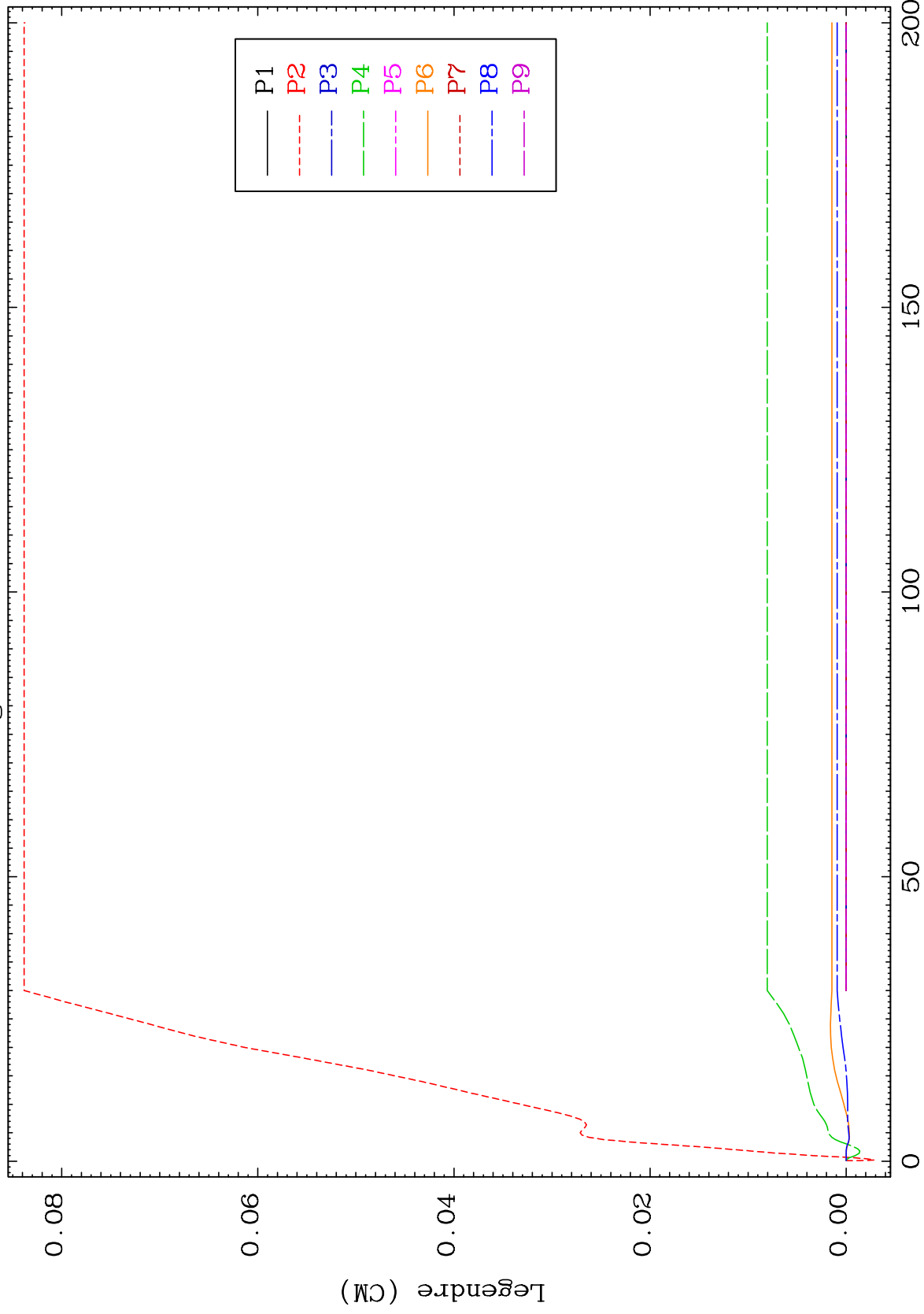
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



51-Sb-132

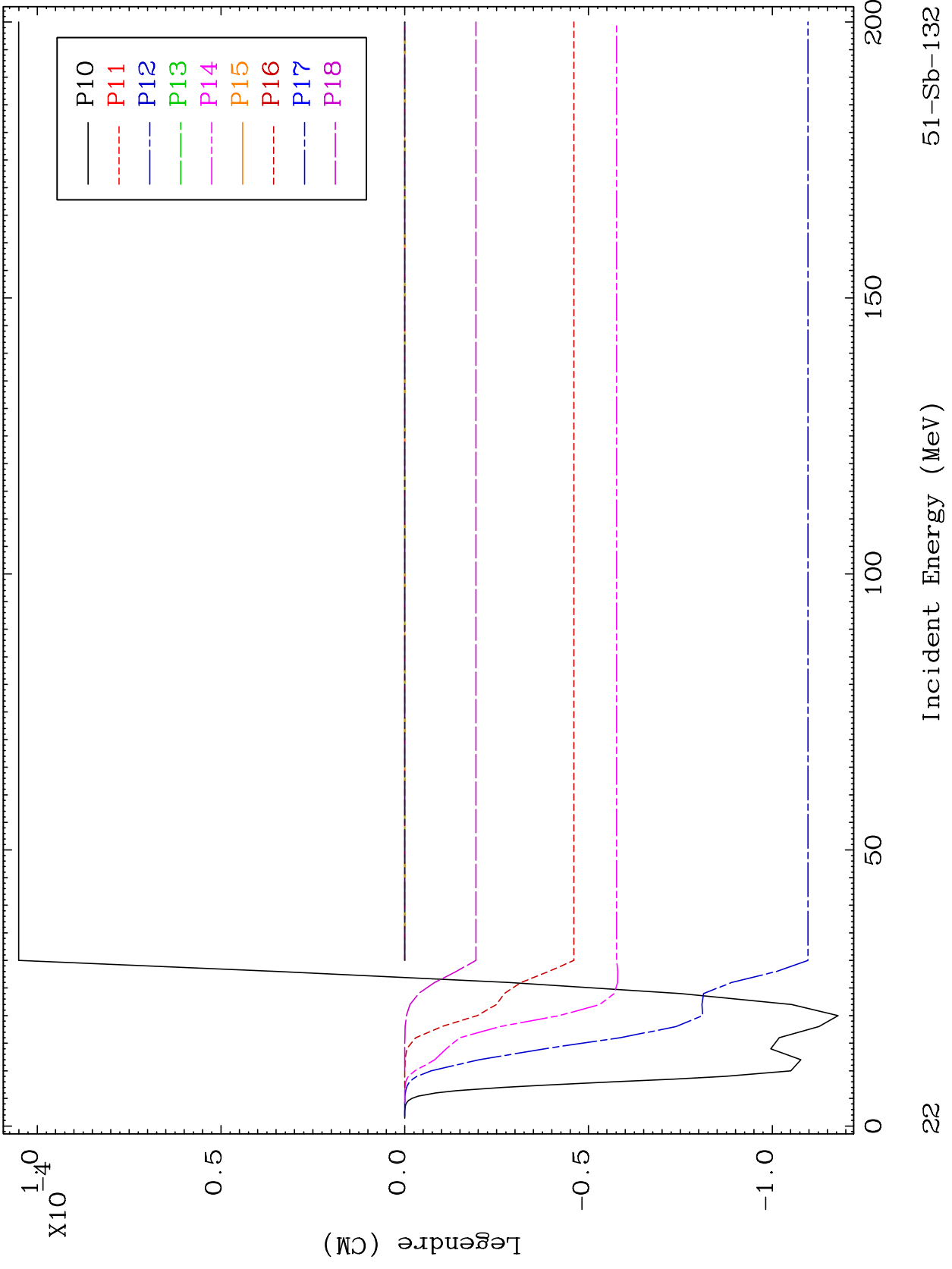
Incident Energy (MeV)

21

MAT 5158

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

51-Sb-132



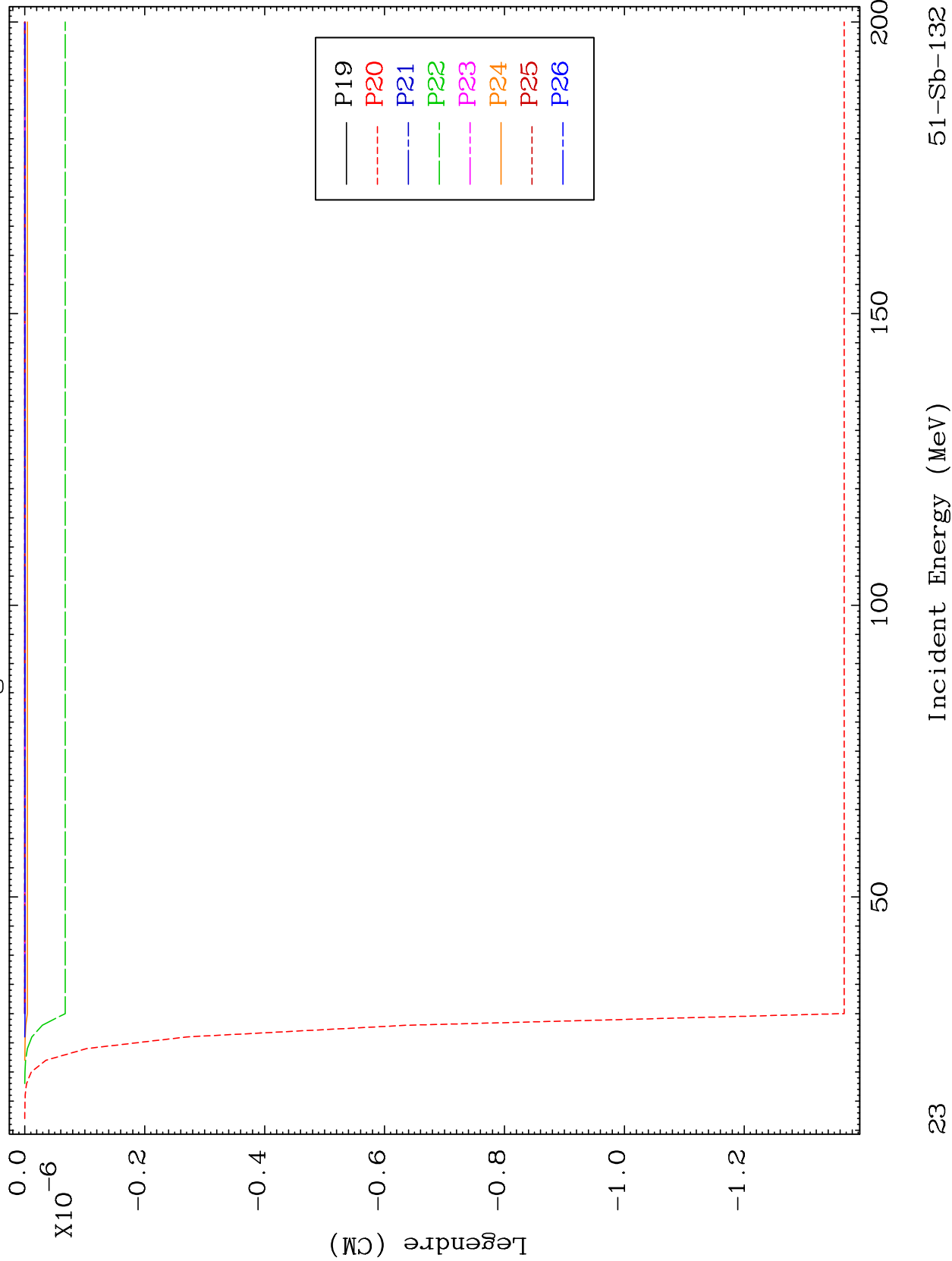
22

51-Sb-132

MAT 5158

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

51-Sb-132



23

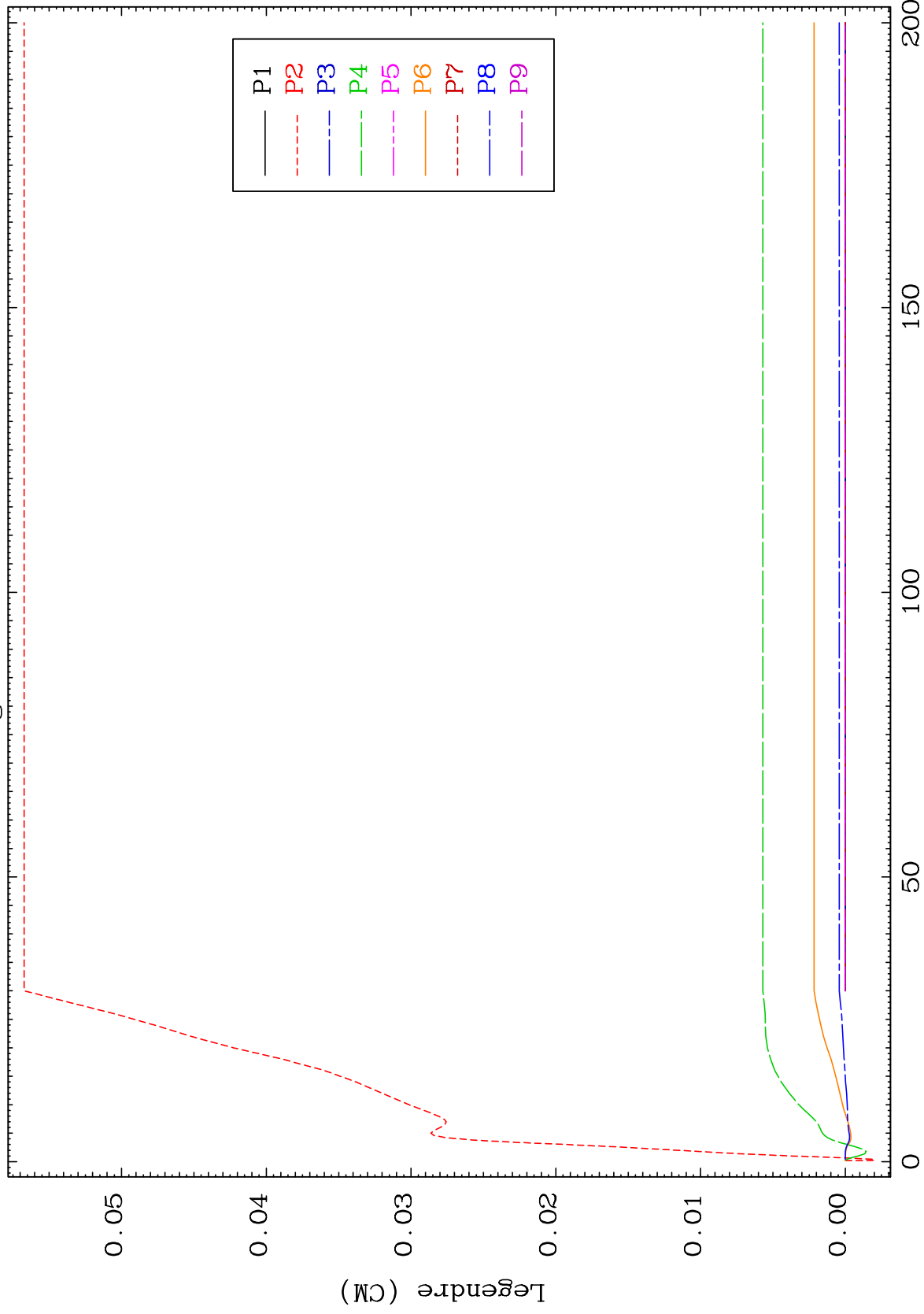
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



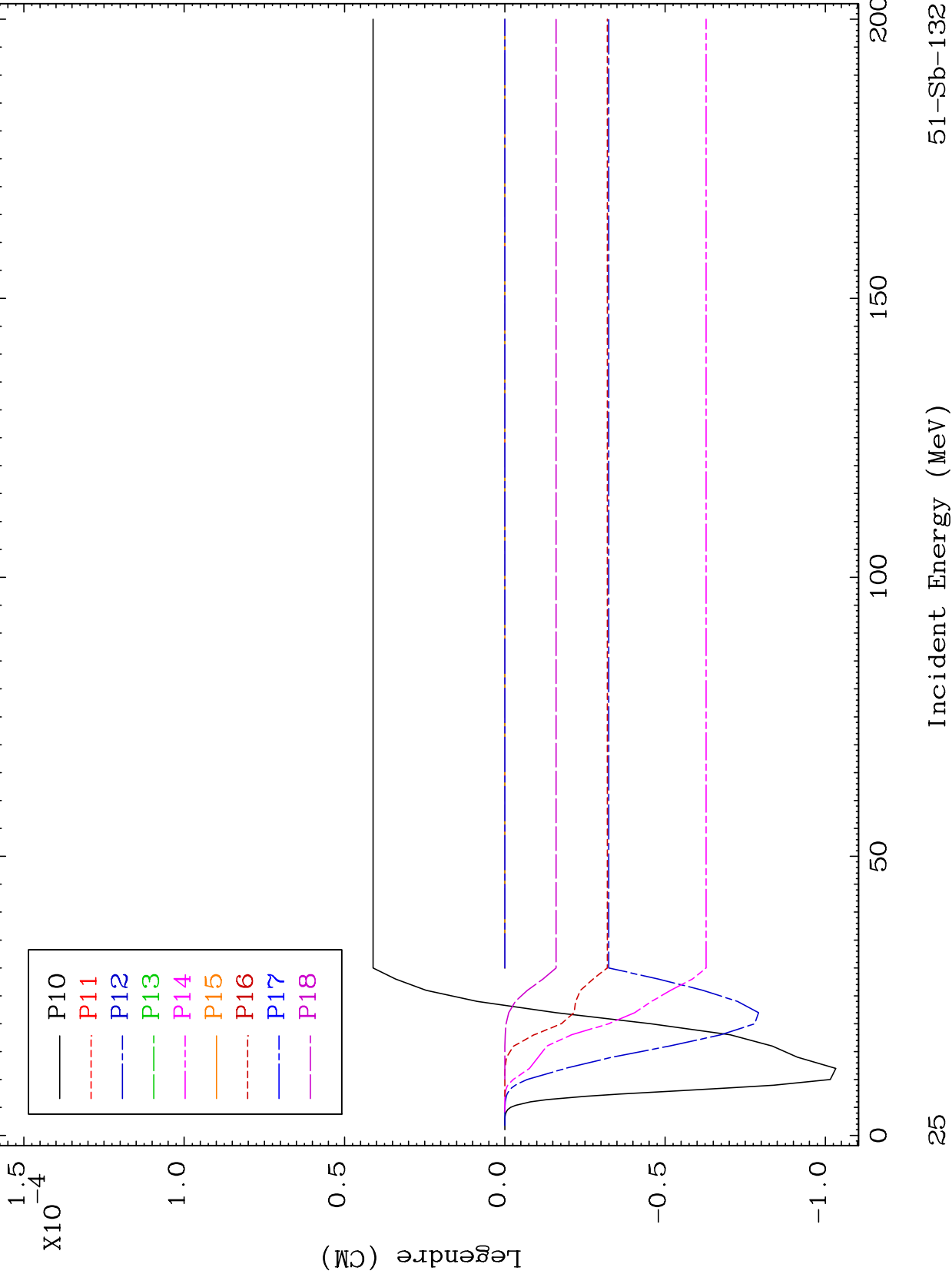
24

51-Sb-132

MAT 5158

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

51-Sb-132



51-Sb-132

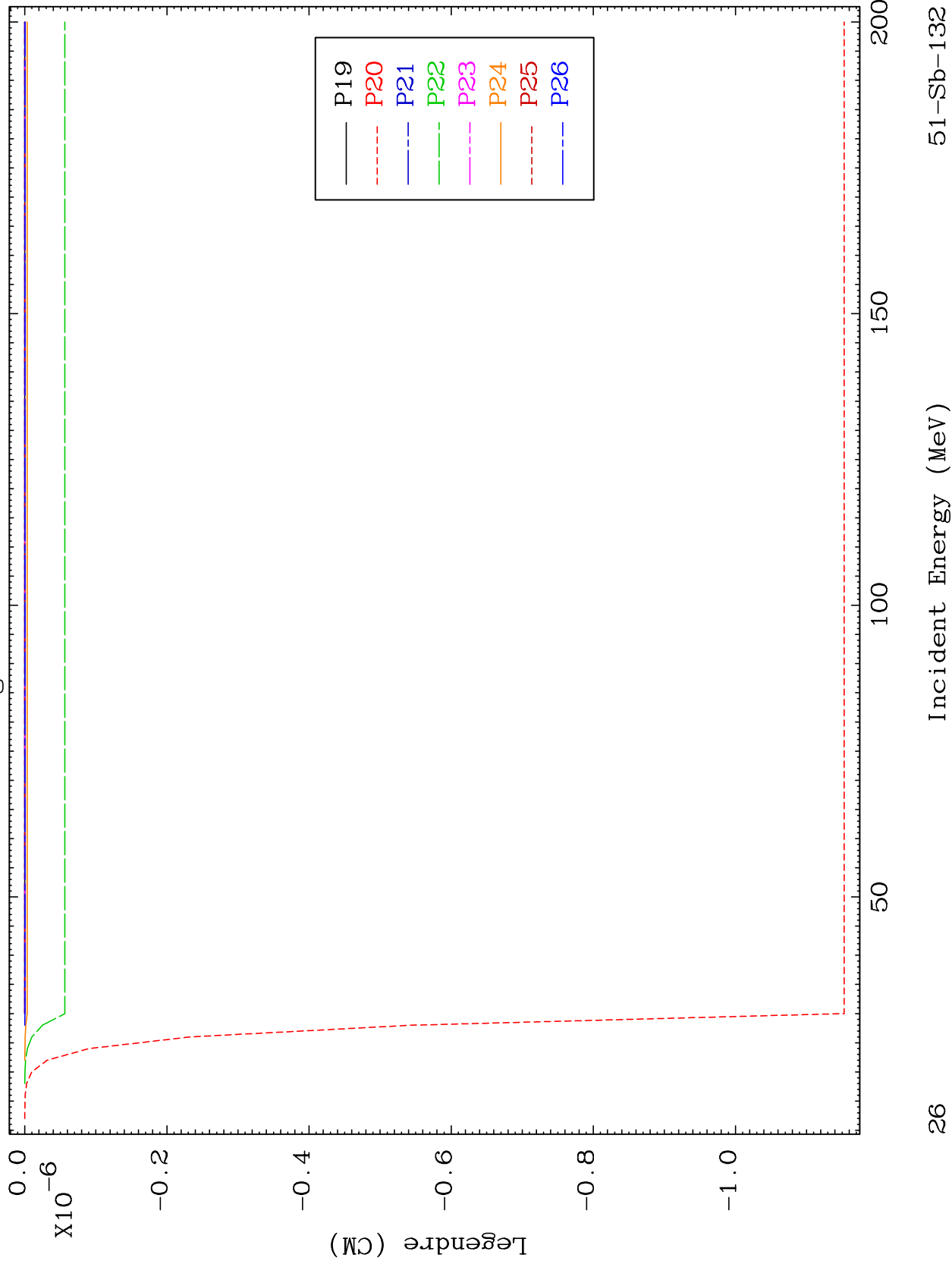
Incident Energy (MeV)

25

MAT 5158

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

51-Sb-132



26

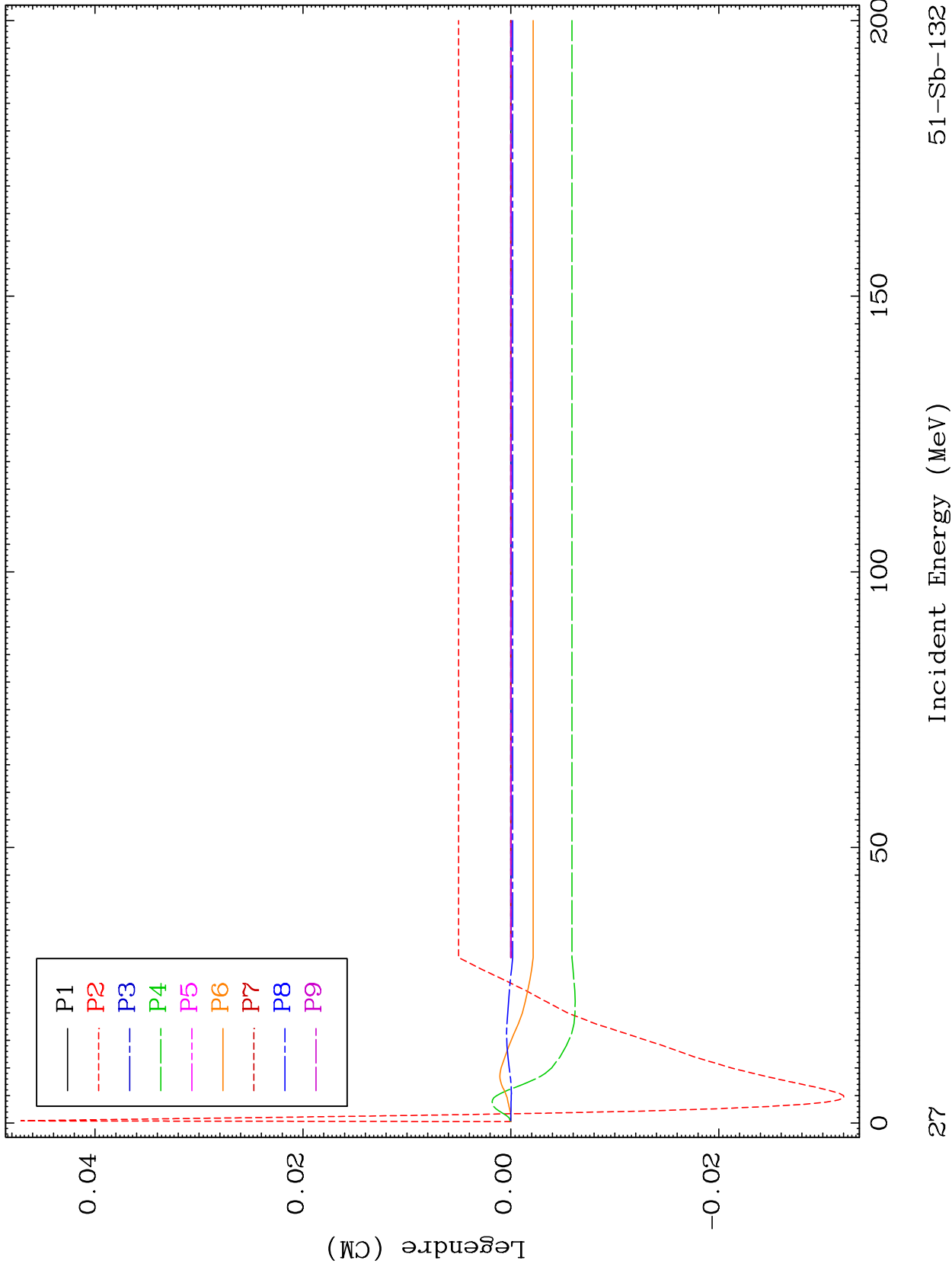
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

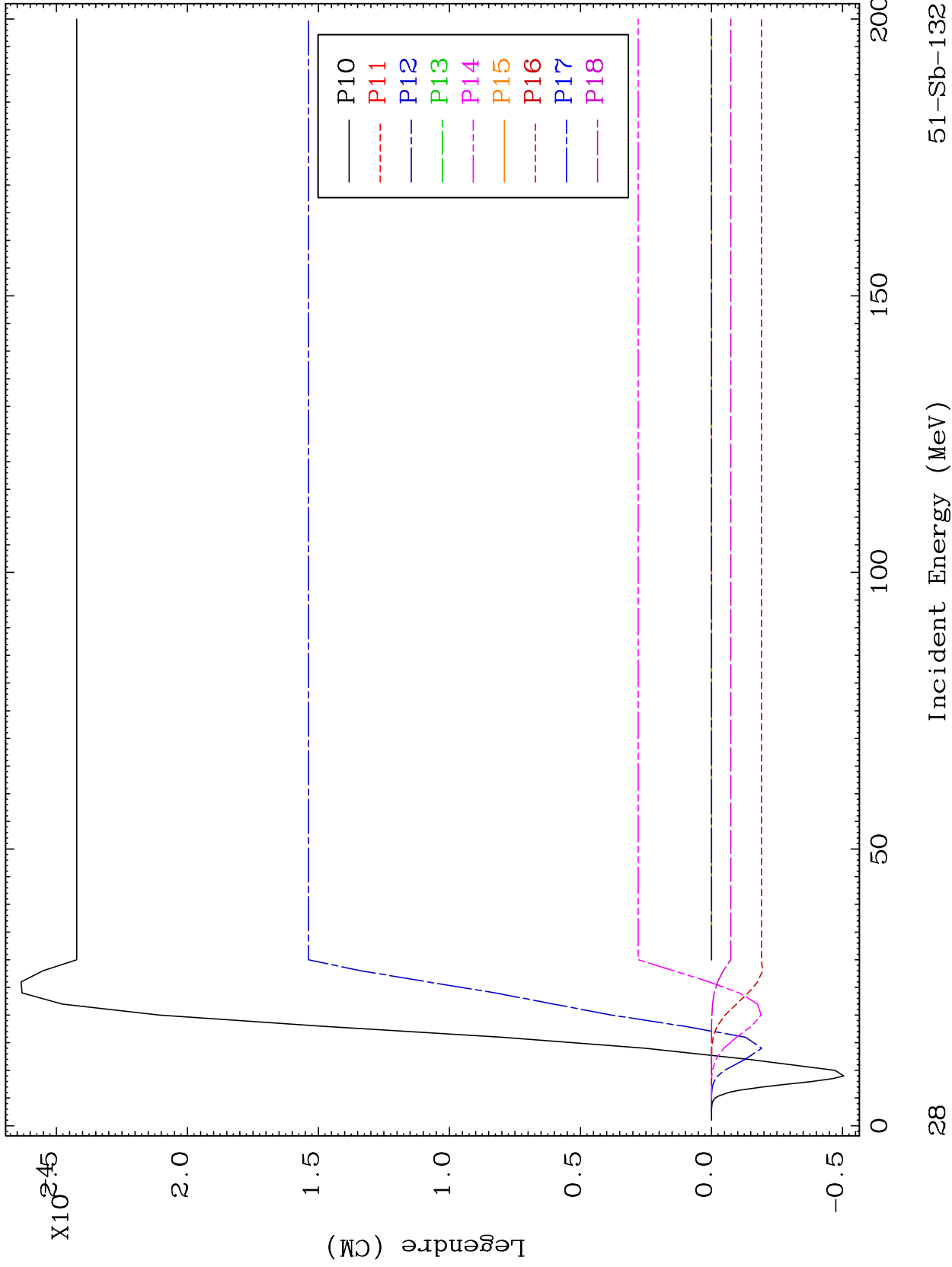
51-Sb-132



51-Sb-132

Incident Energy (MeV)

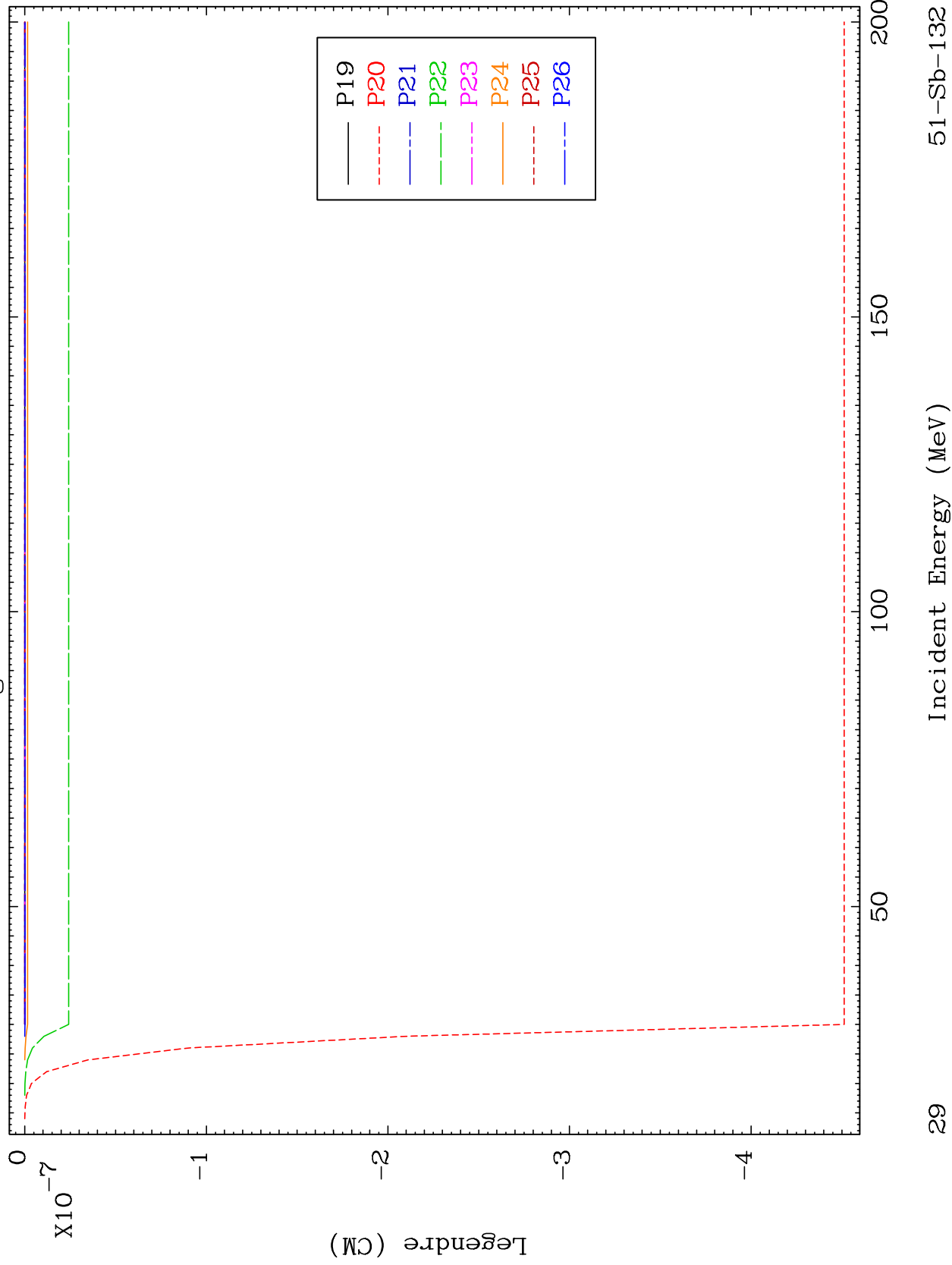
27



MAT 5158

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

51-Sb-132



29

Incident Energy (MeV)

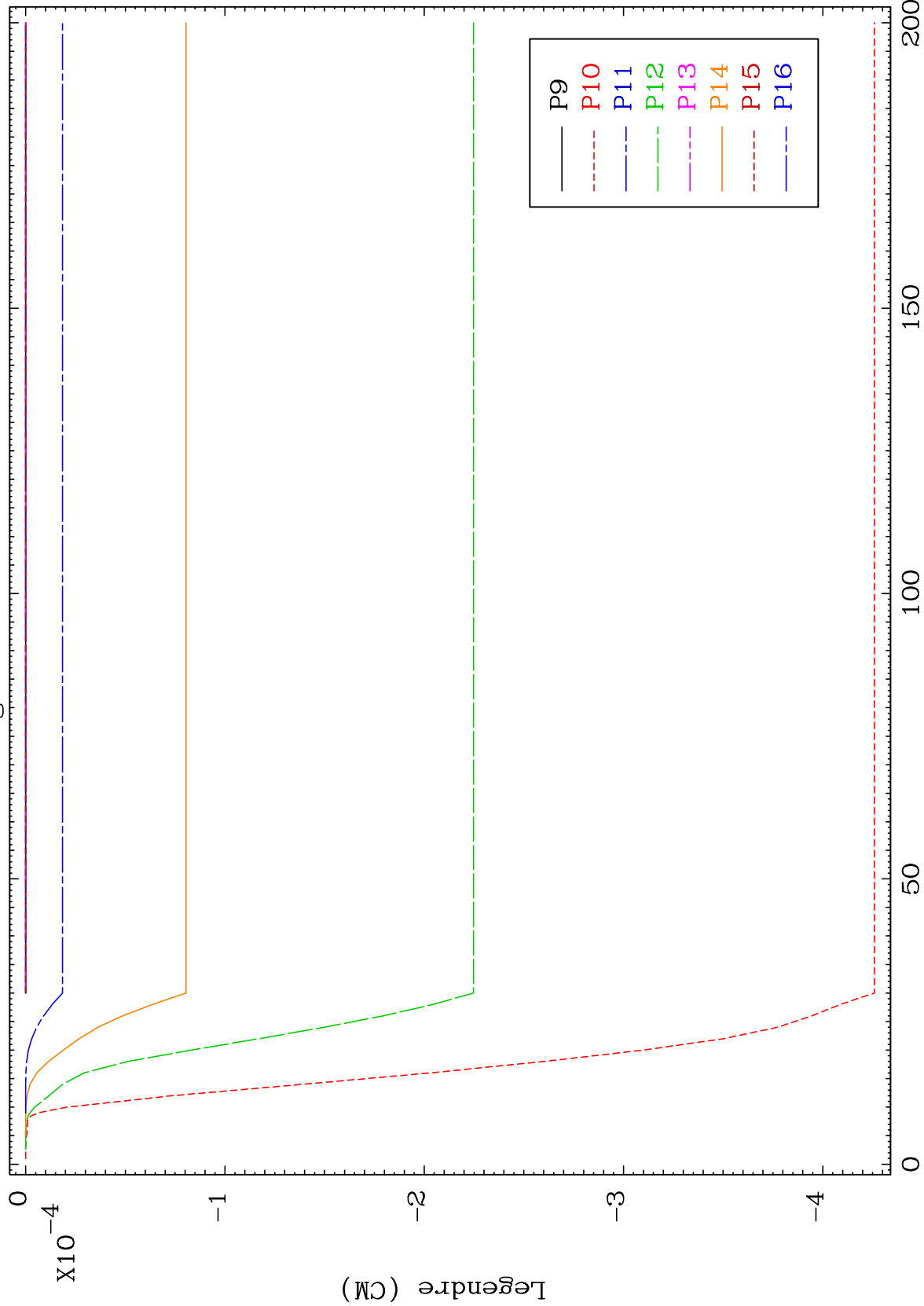
51-Sb-132

MAT 5158

MT= 54 (n,n') Level

51-Sb-132

Legendre Coefficients



31

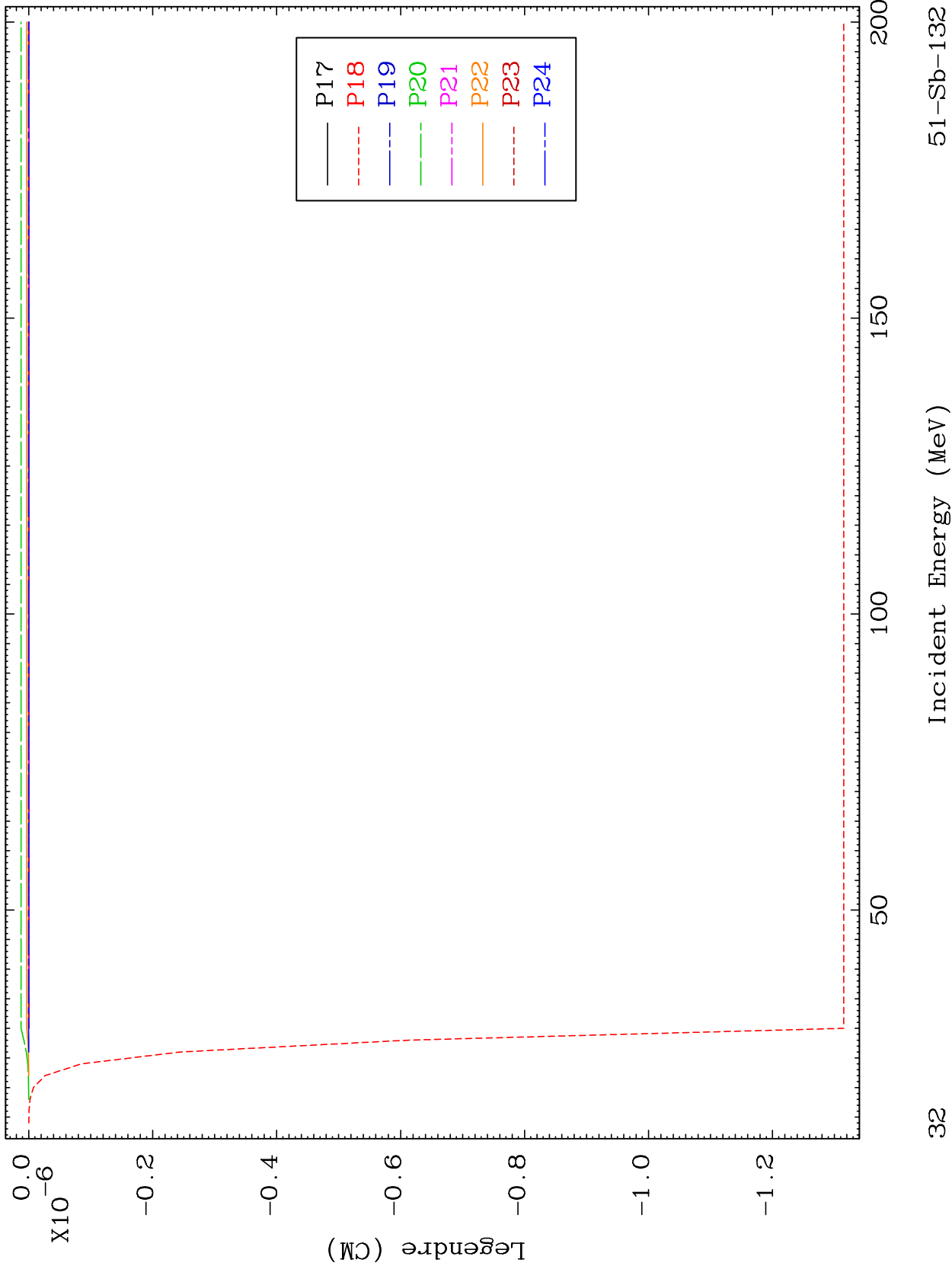
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



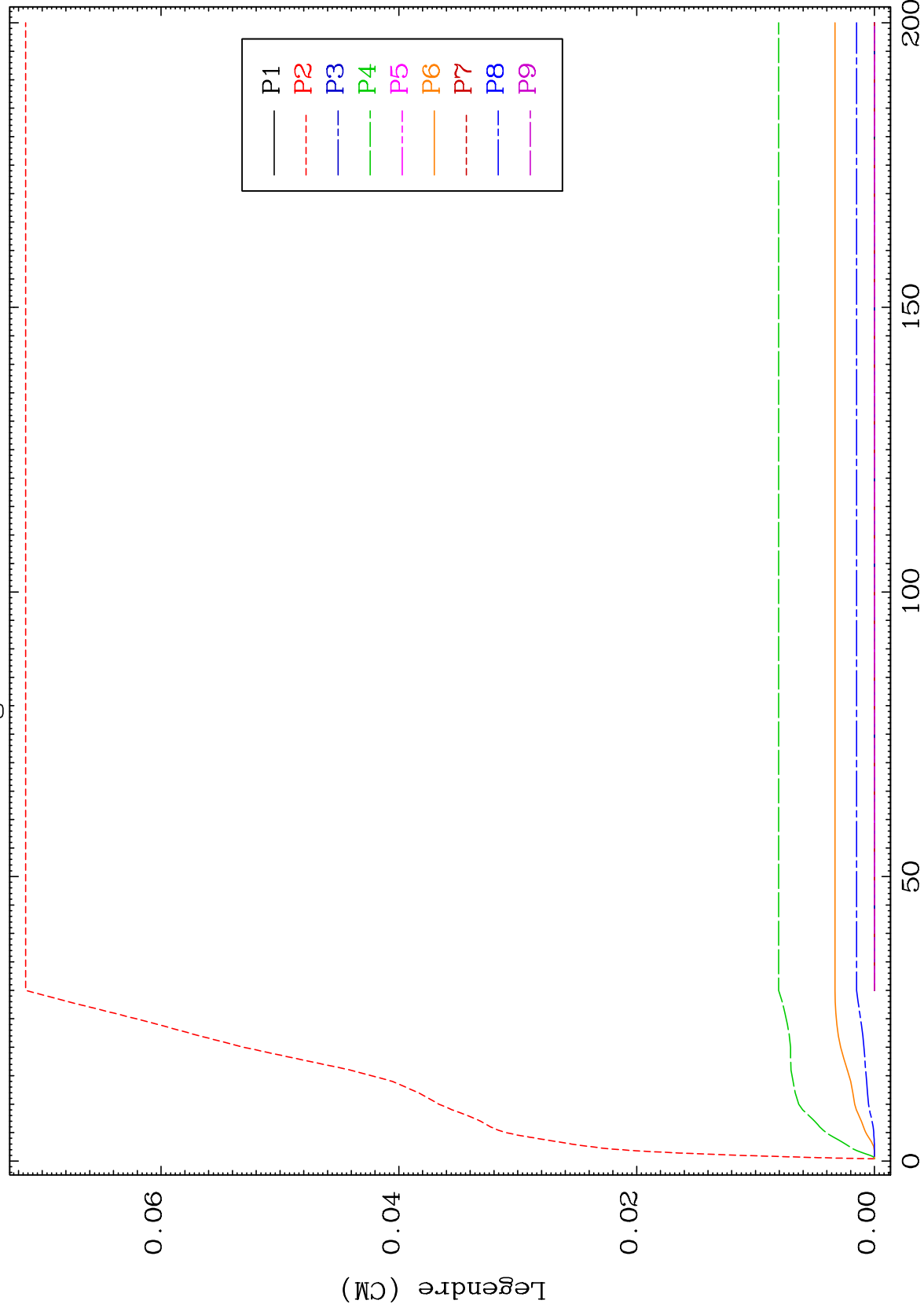
32

51-Sb-132

MAT 5158

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

51-Sb-132



33

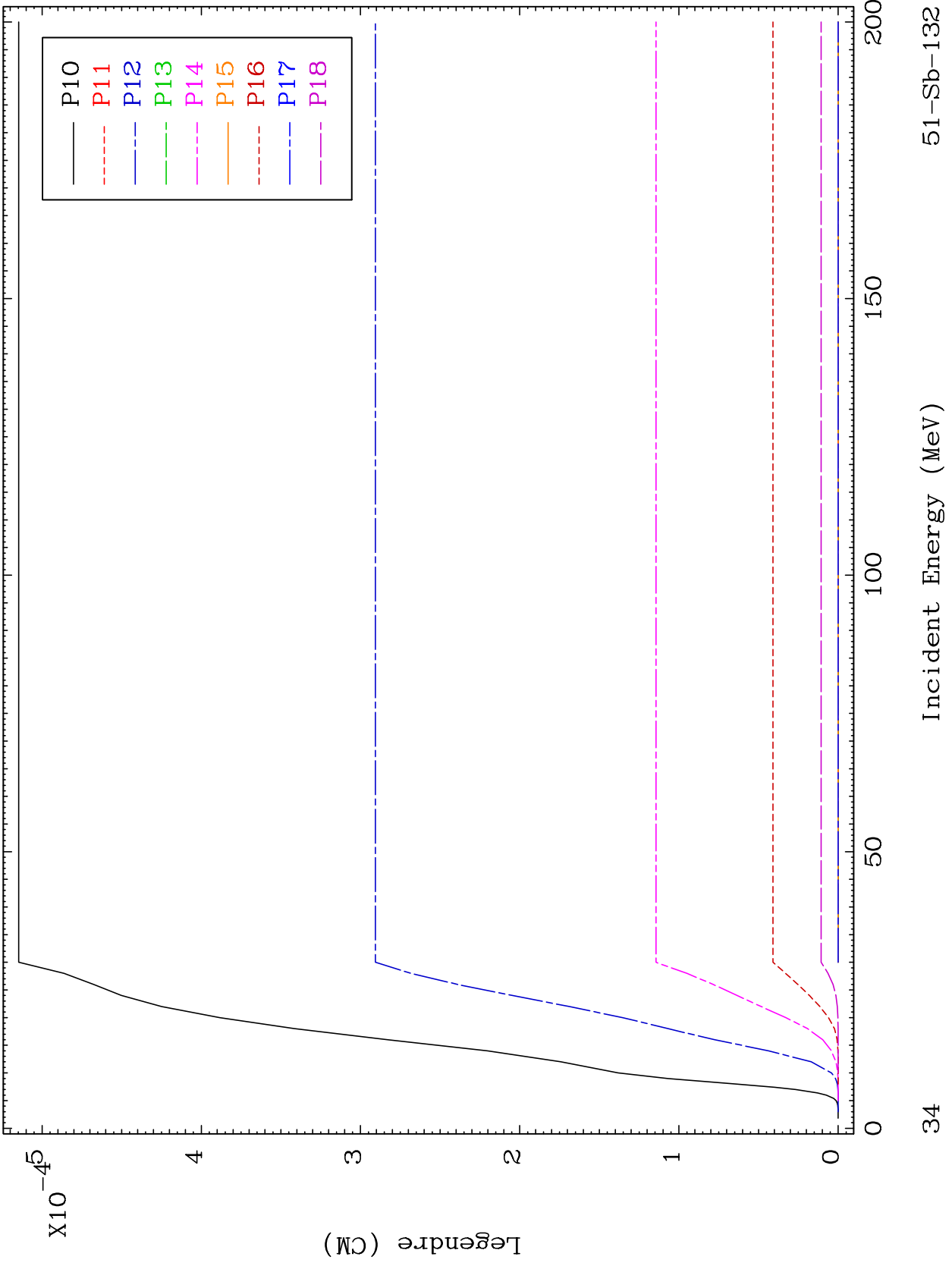
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



34

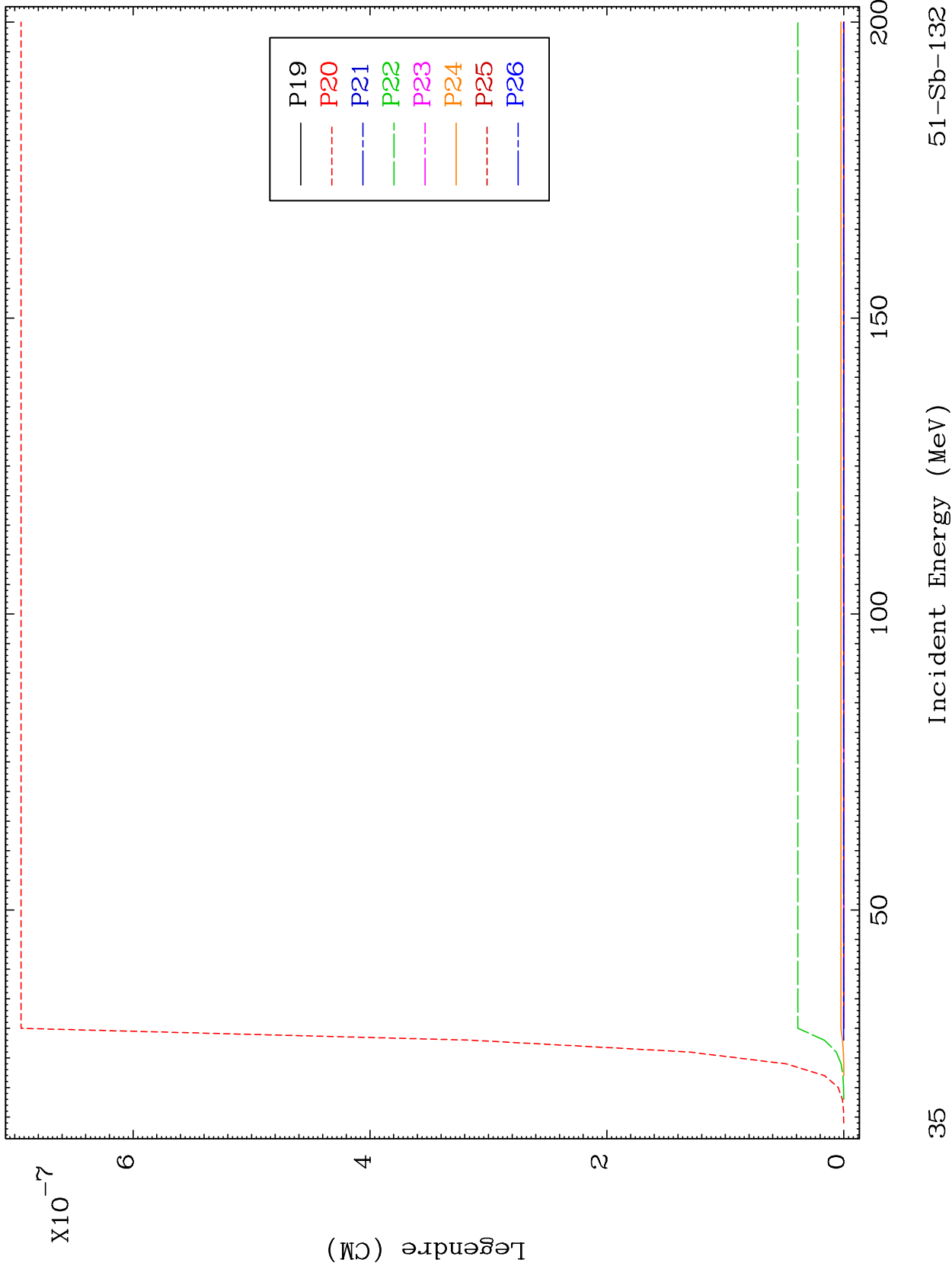
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



35

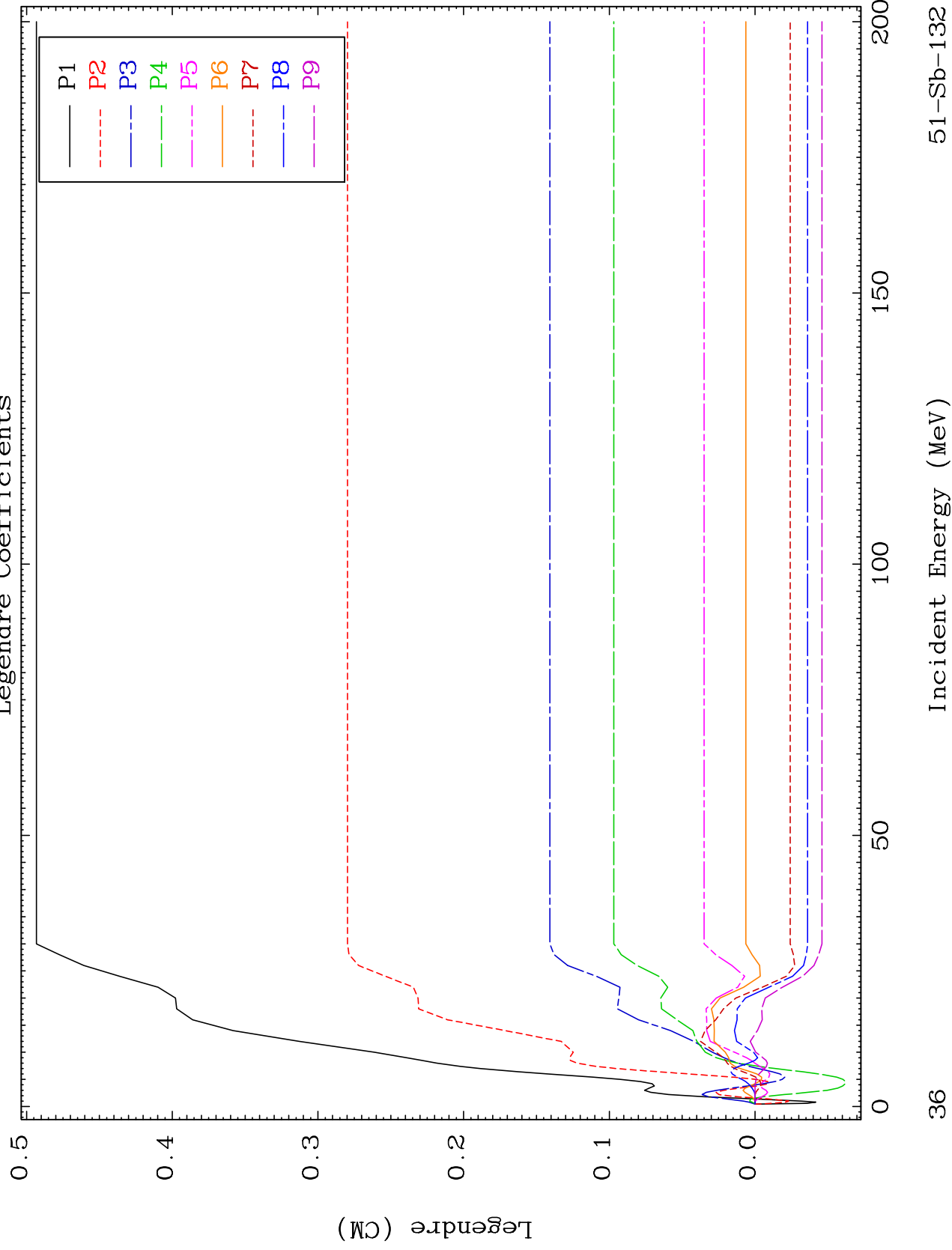
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



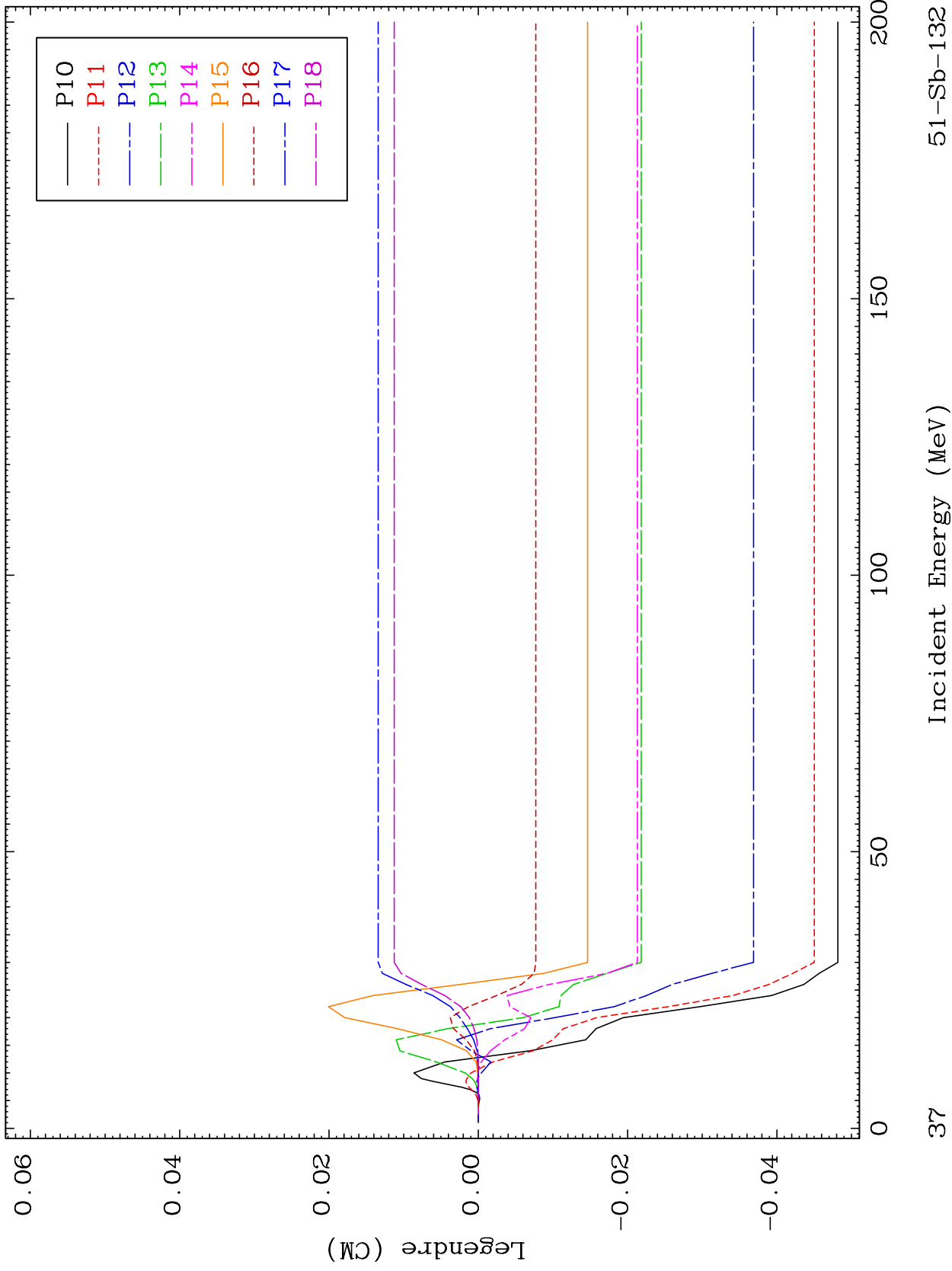
36

51-Sb-132

MAT 5158

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

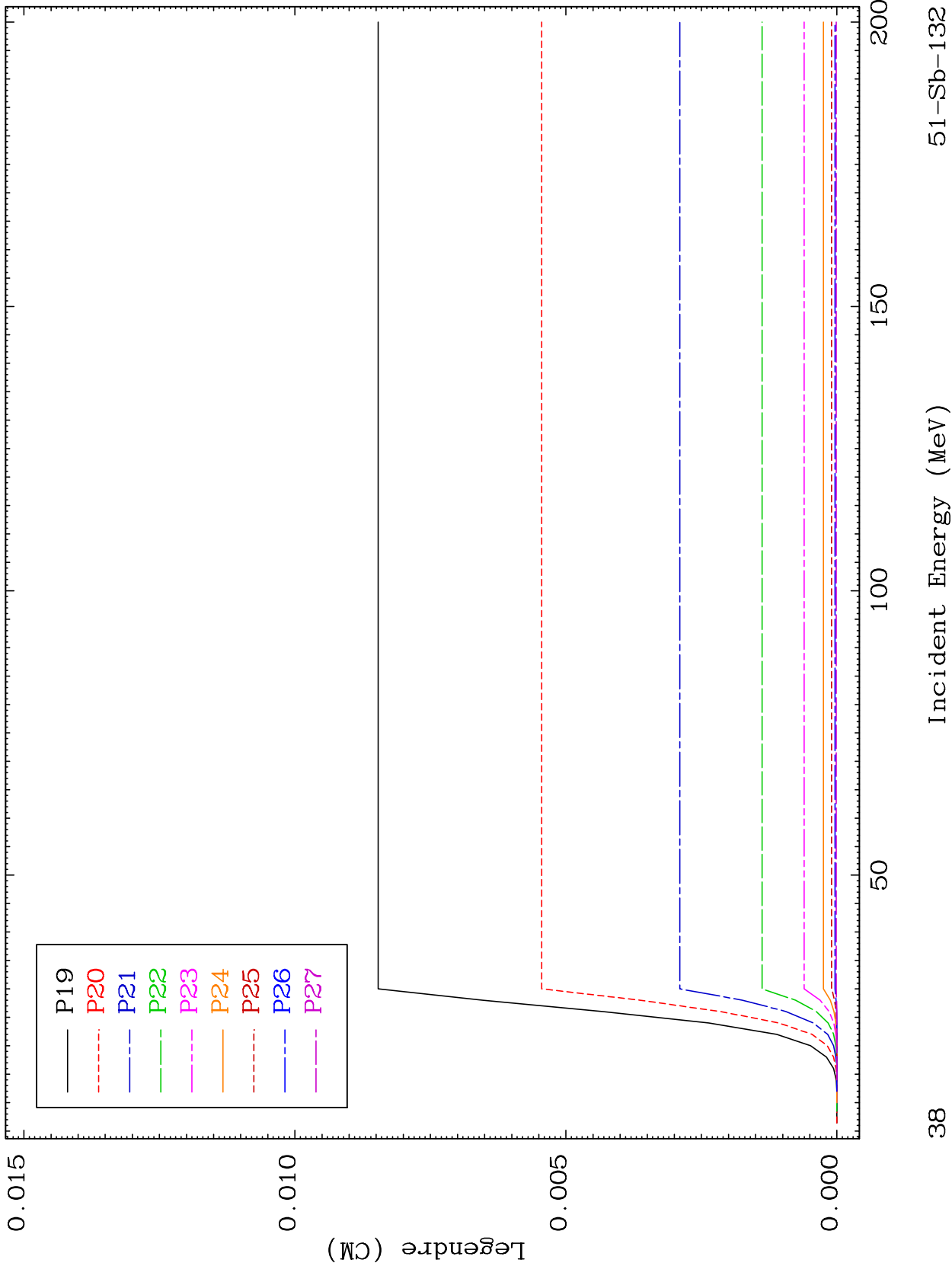
51-Sb-132



37

Incident Energy (MeV)

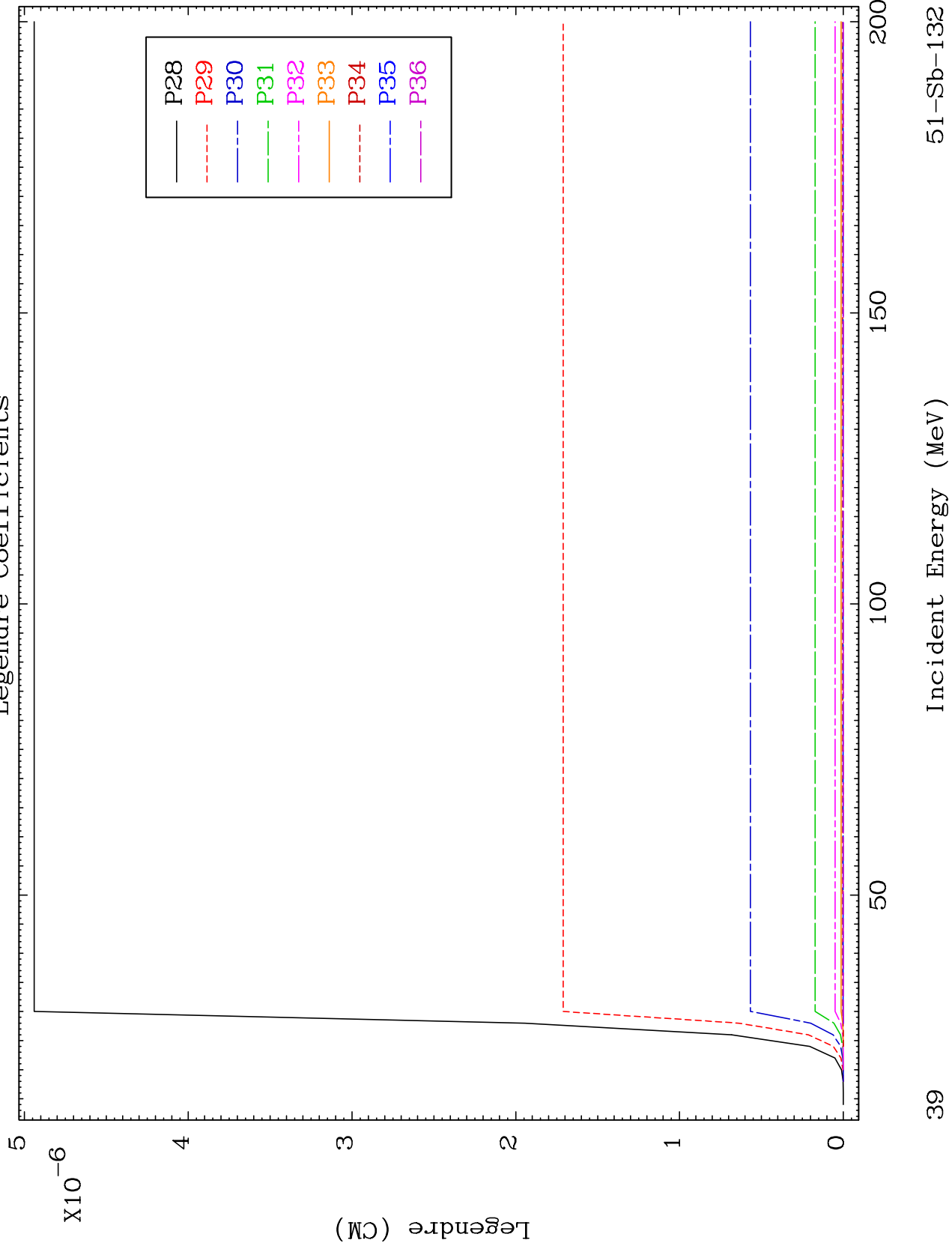
51-Sb-132



MAT 5158

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

51-Sb-132



39

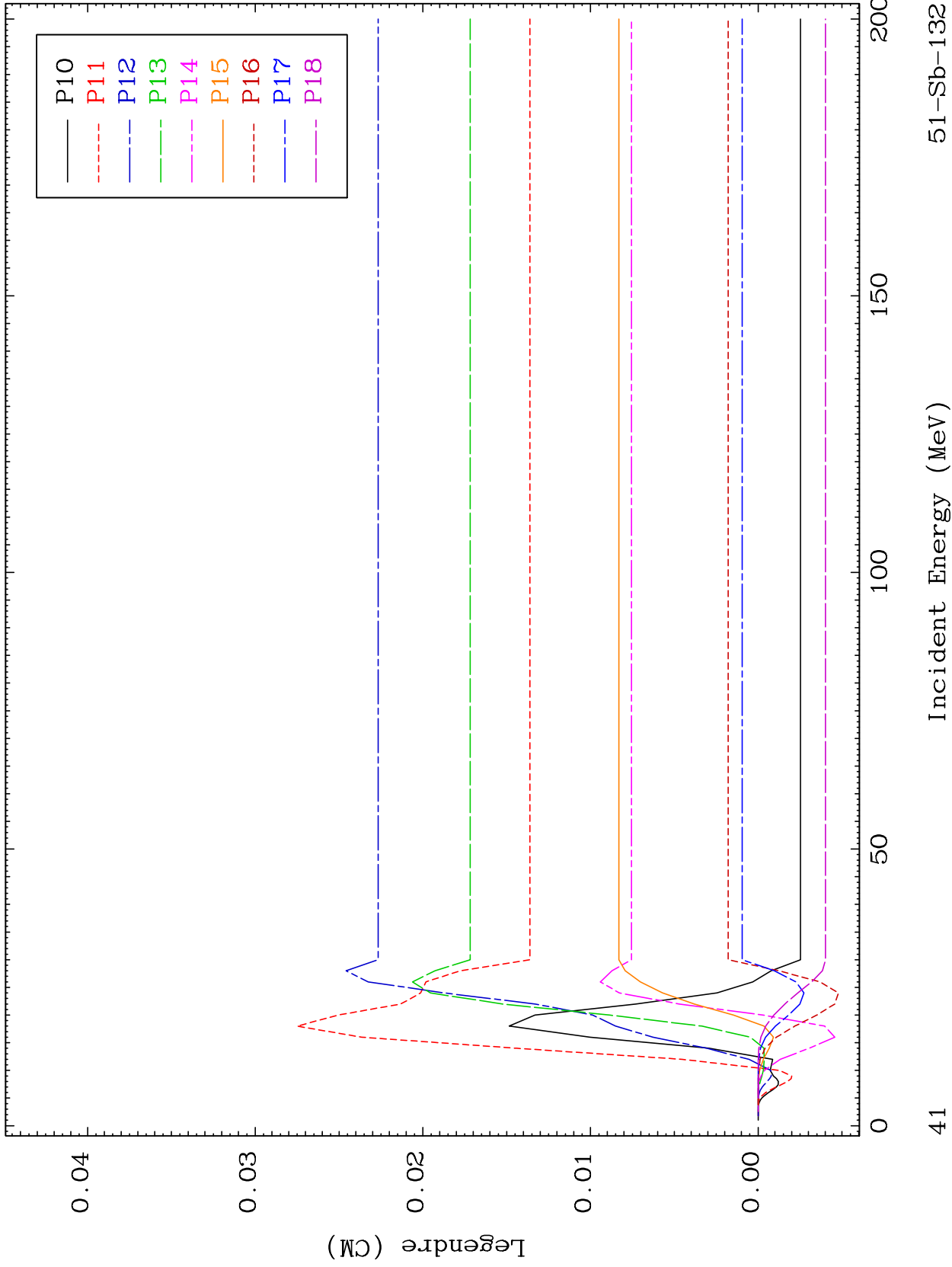
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

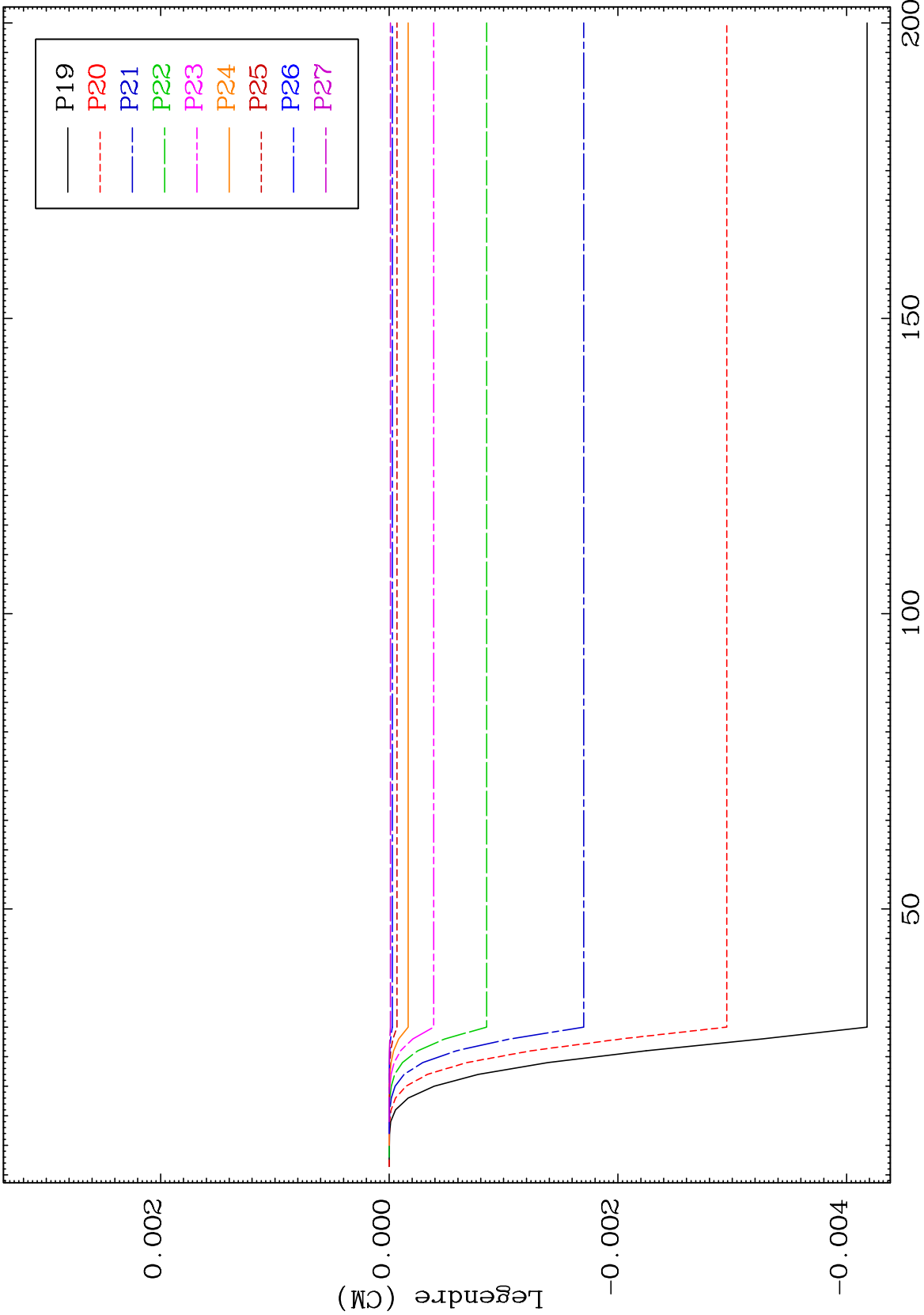
51-Sb-132



MAT 5158

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

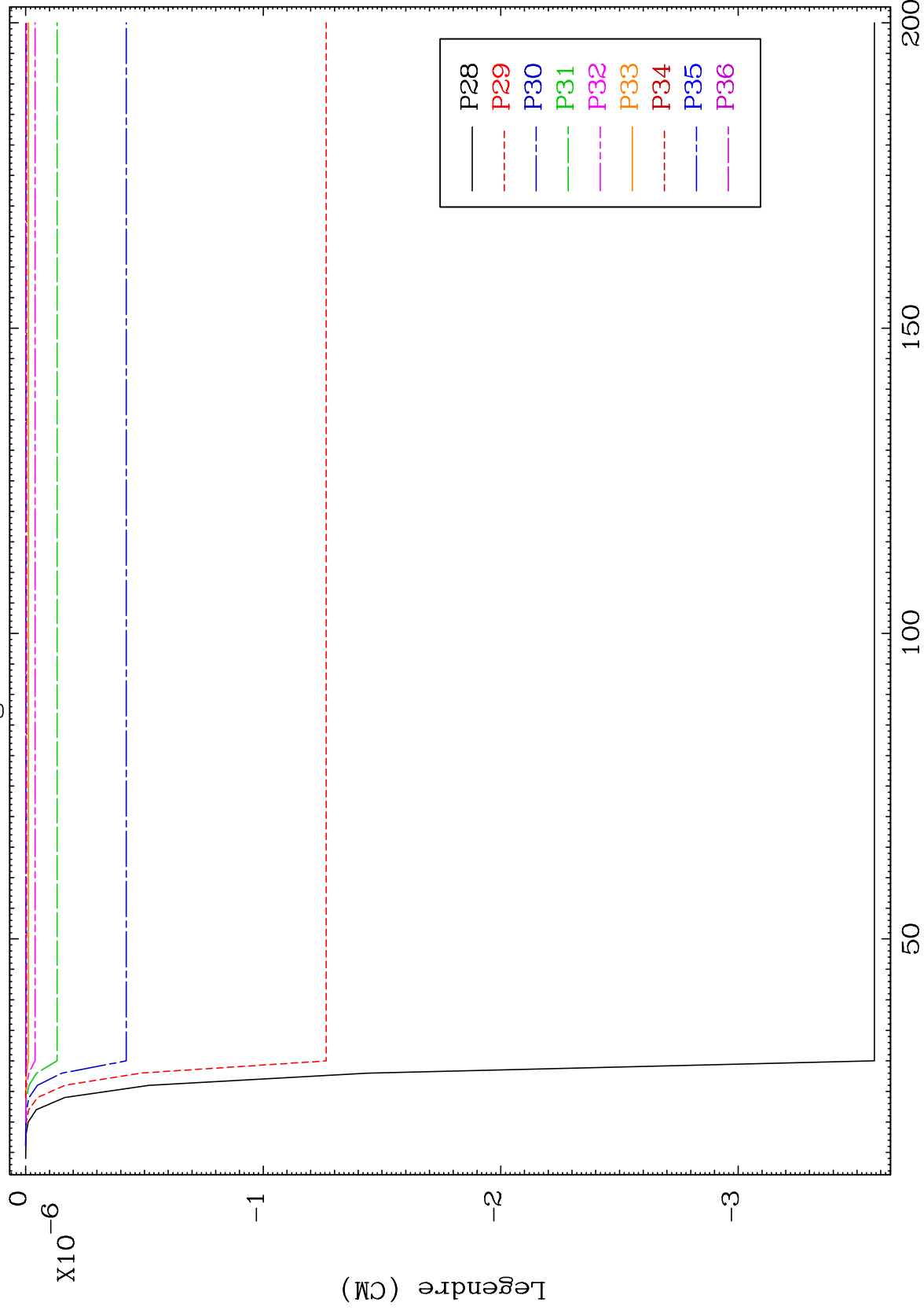
51-Sb-132



MAT 5158

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

51-Sb-132



43

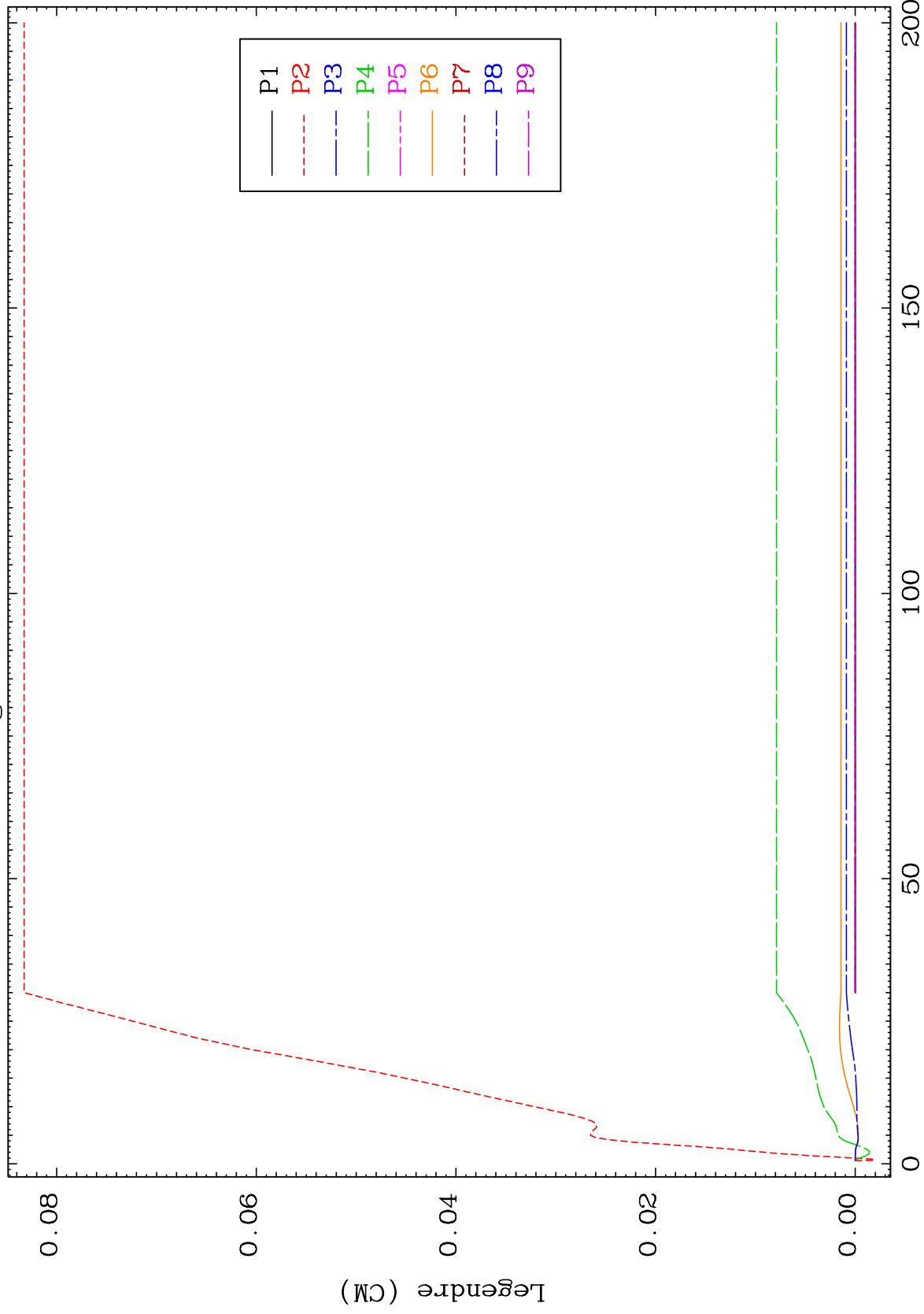
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



44

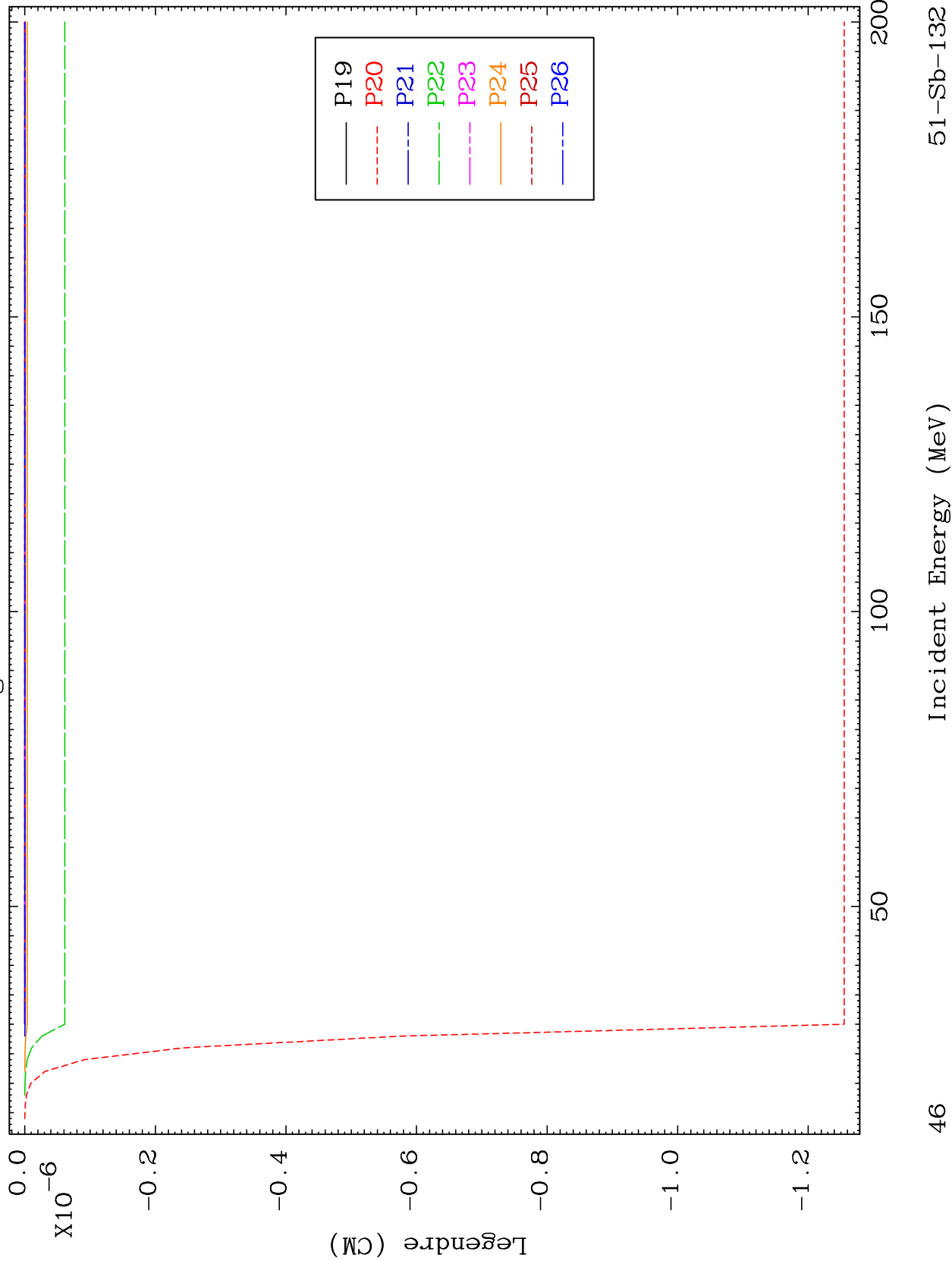
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



46

Incident Energy (MeV)

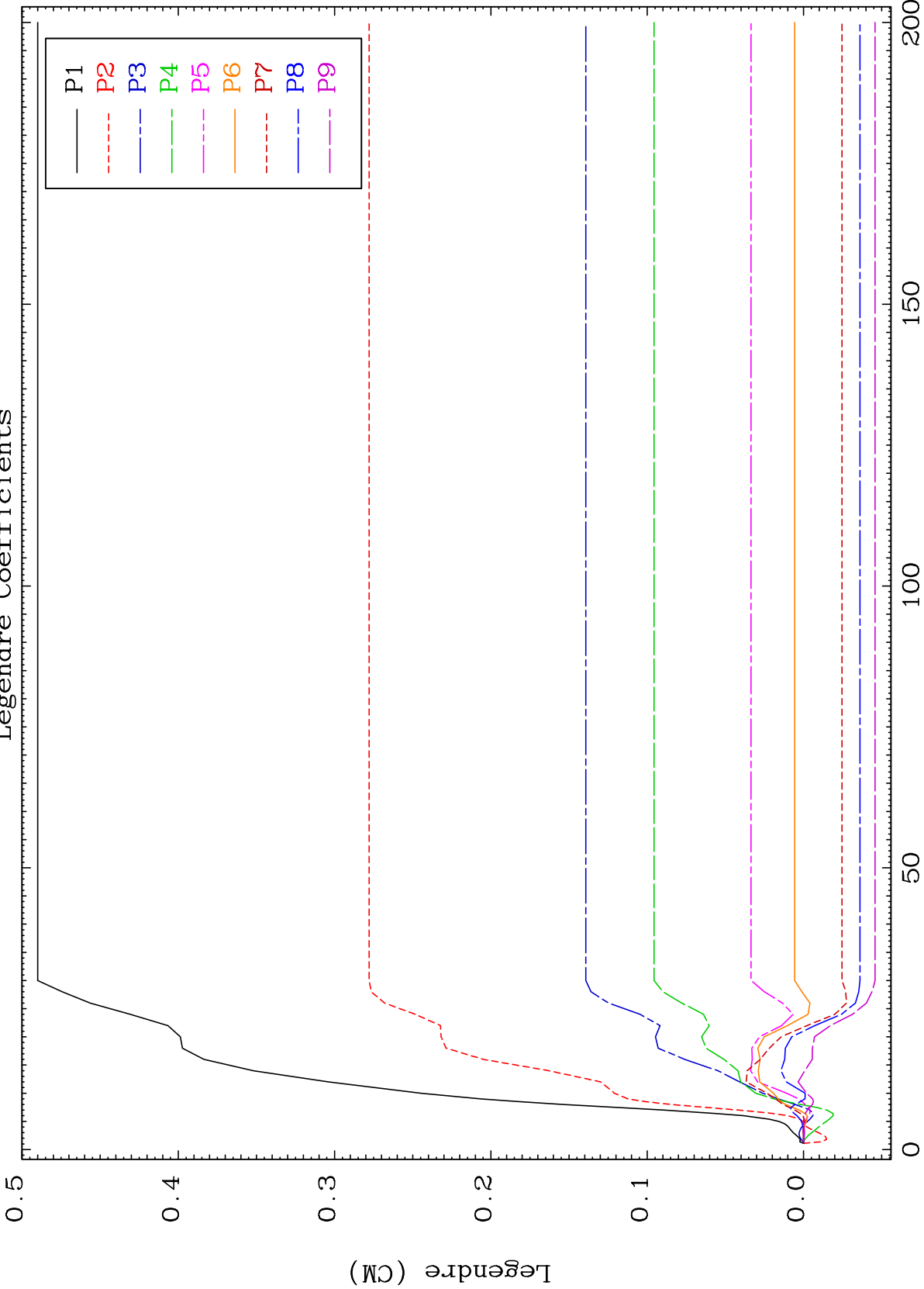
51-Sb-132

MAT 5158

MT= 59 (n,n') Level

51-Sb-132

Legendre Coefficients



47

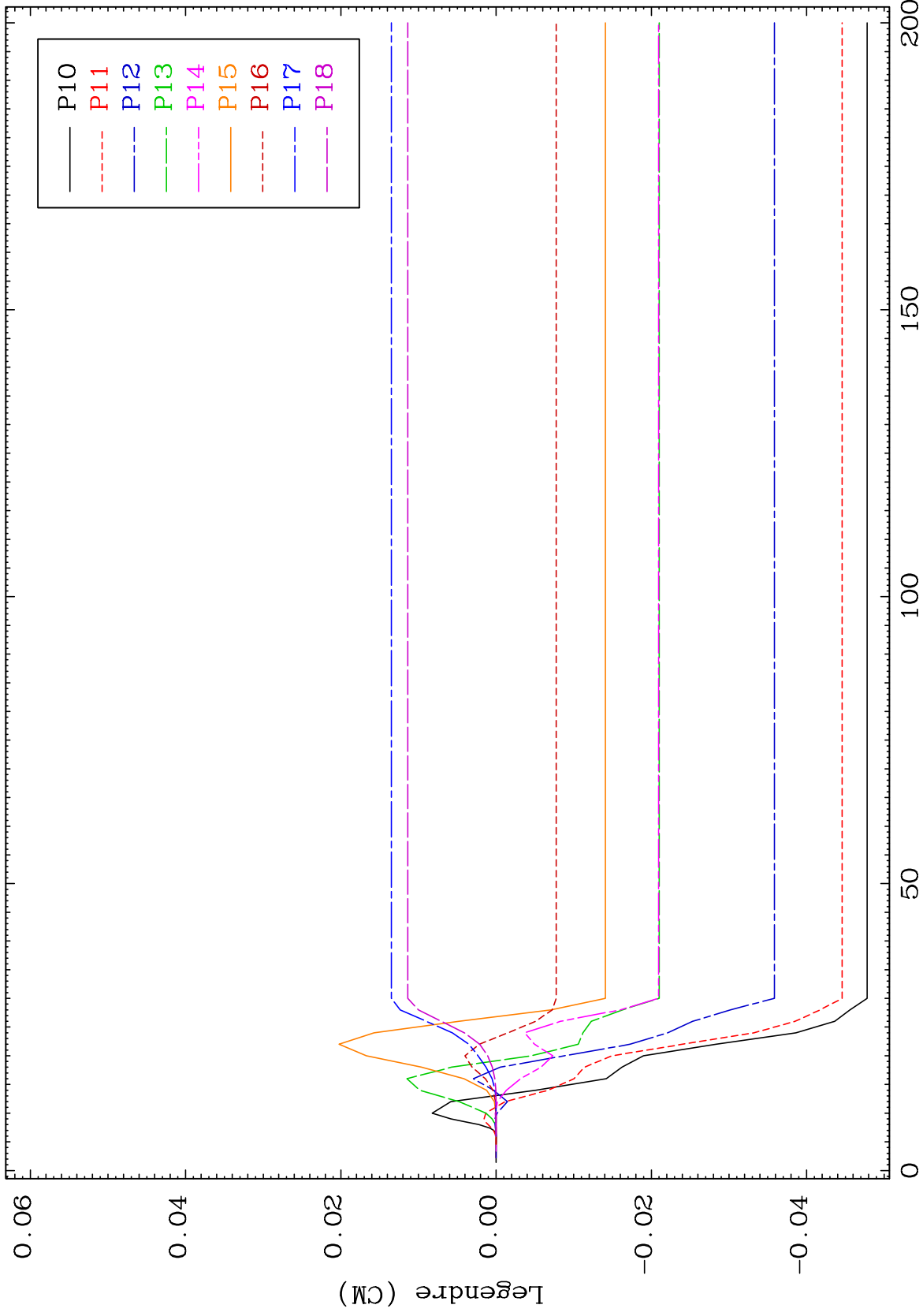
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



48

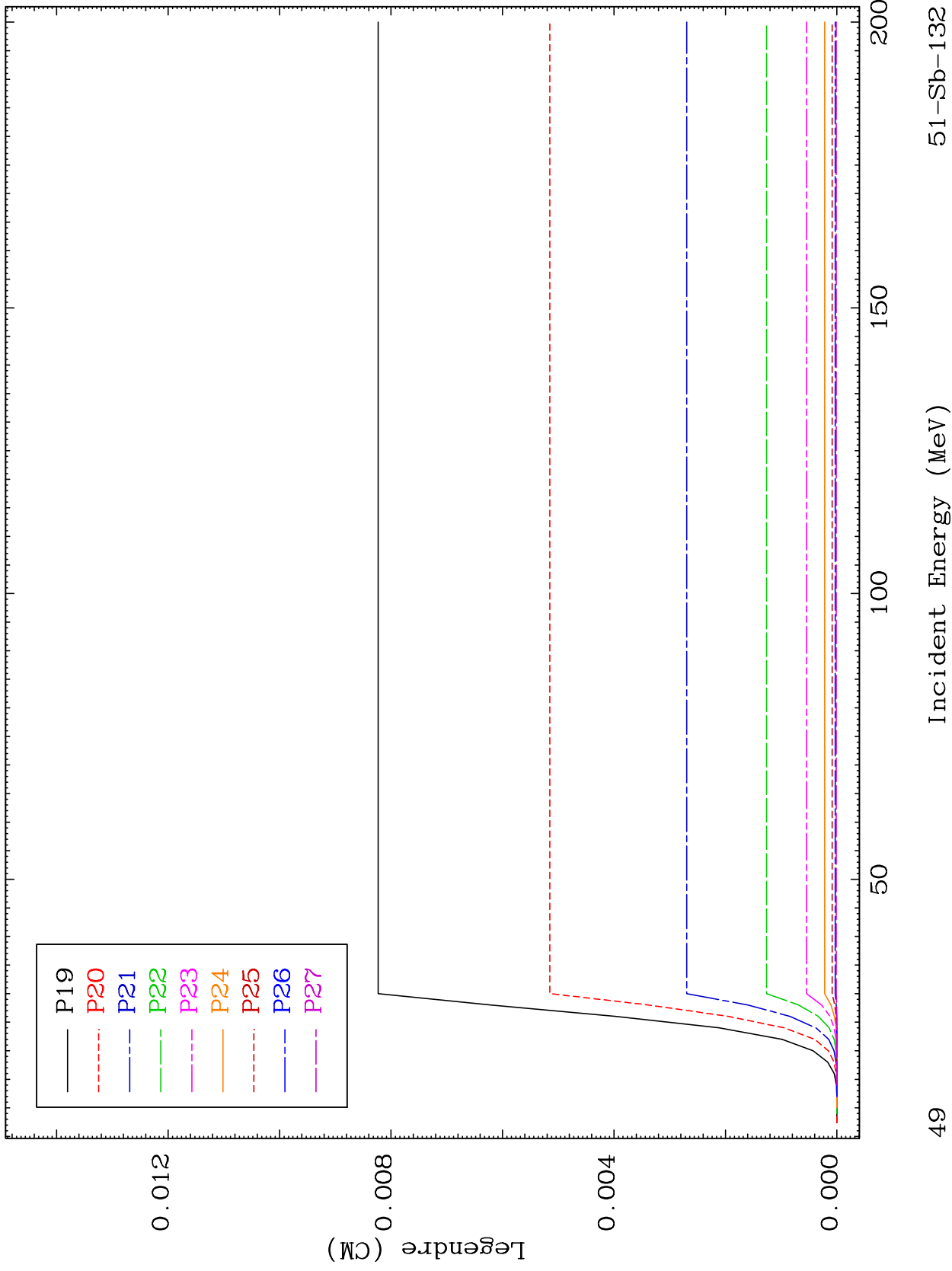
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



49

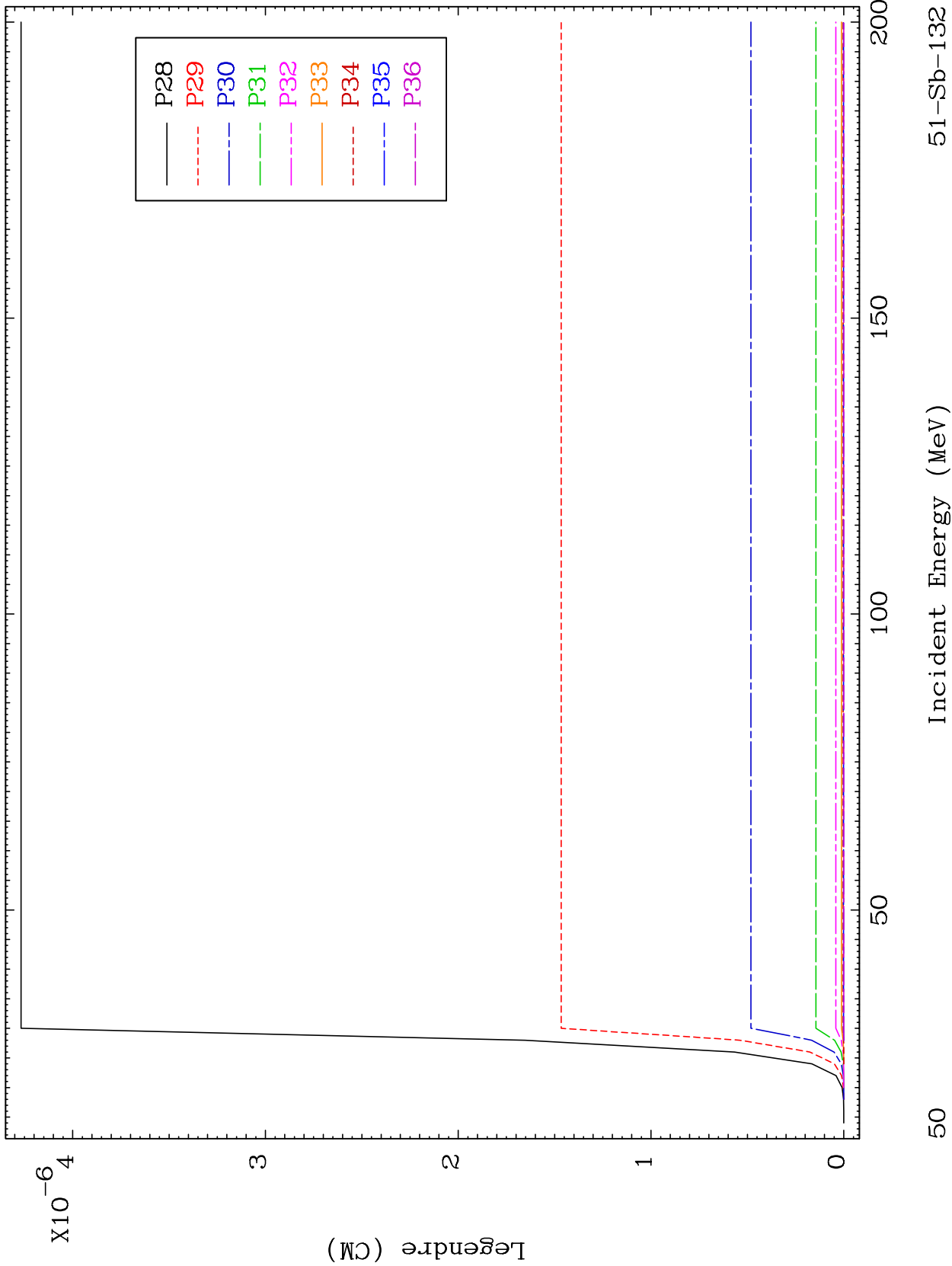
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

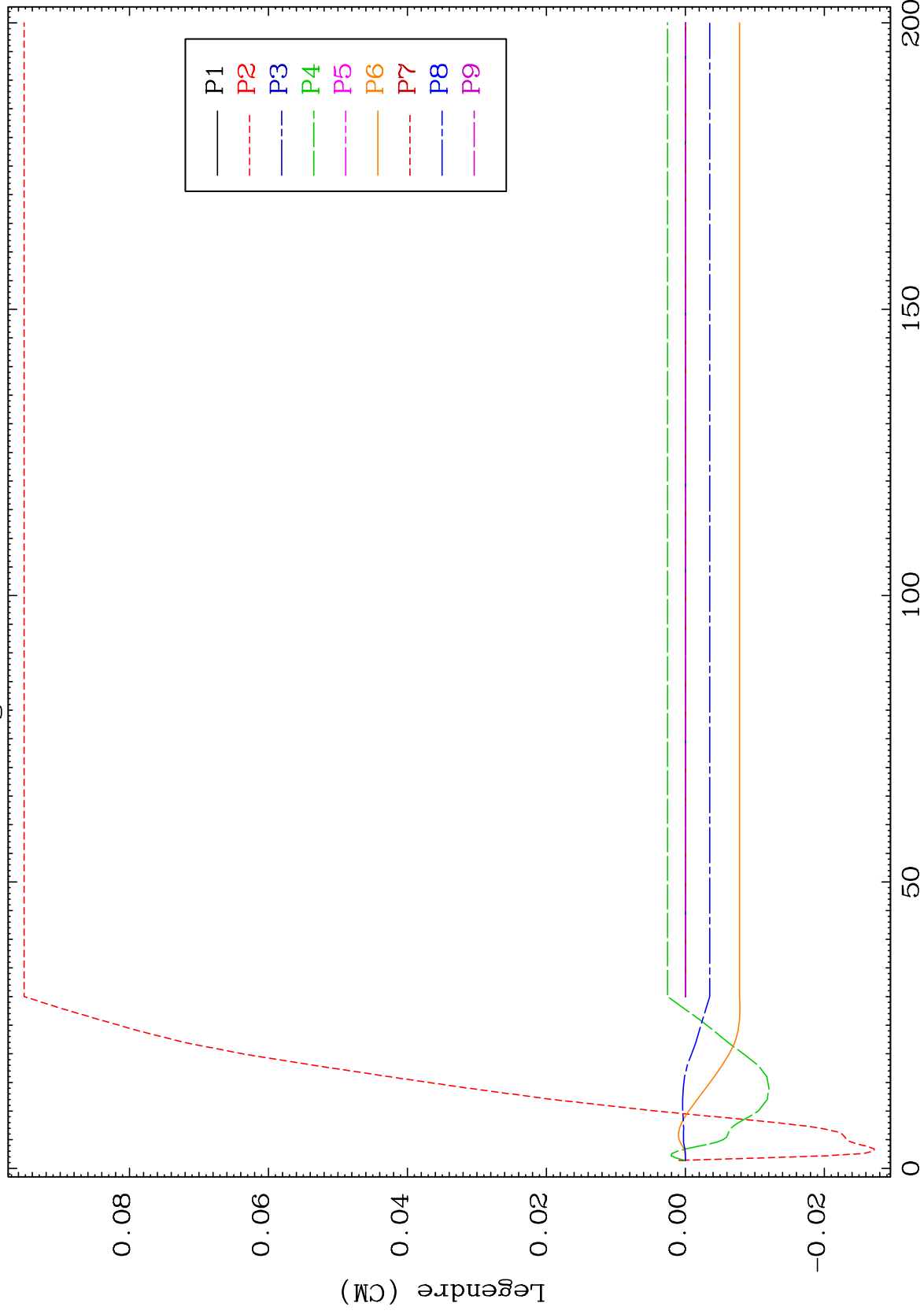
51-Sb-132



MAT 5158

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

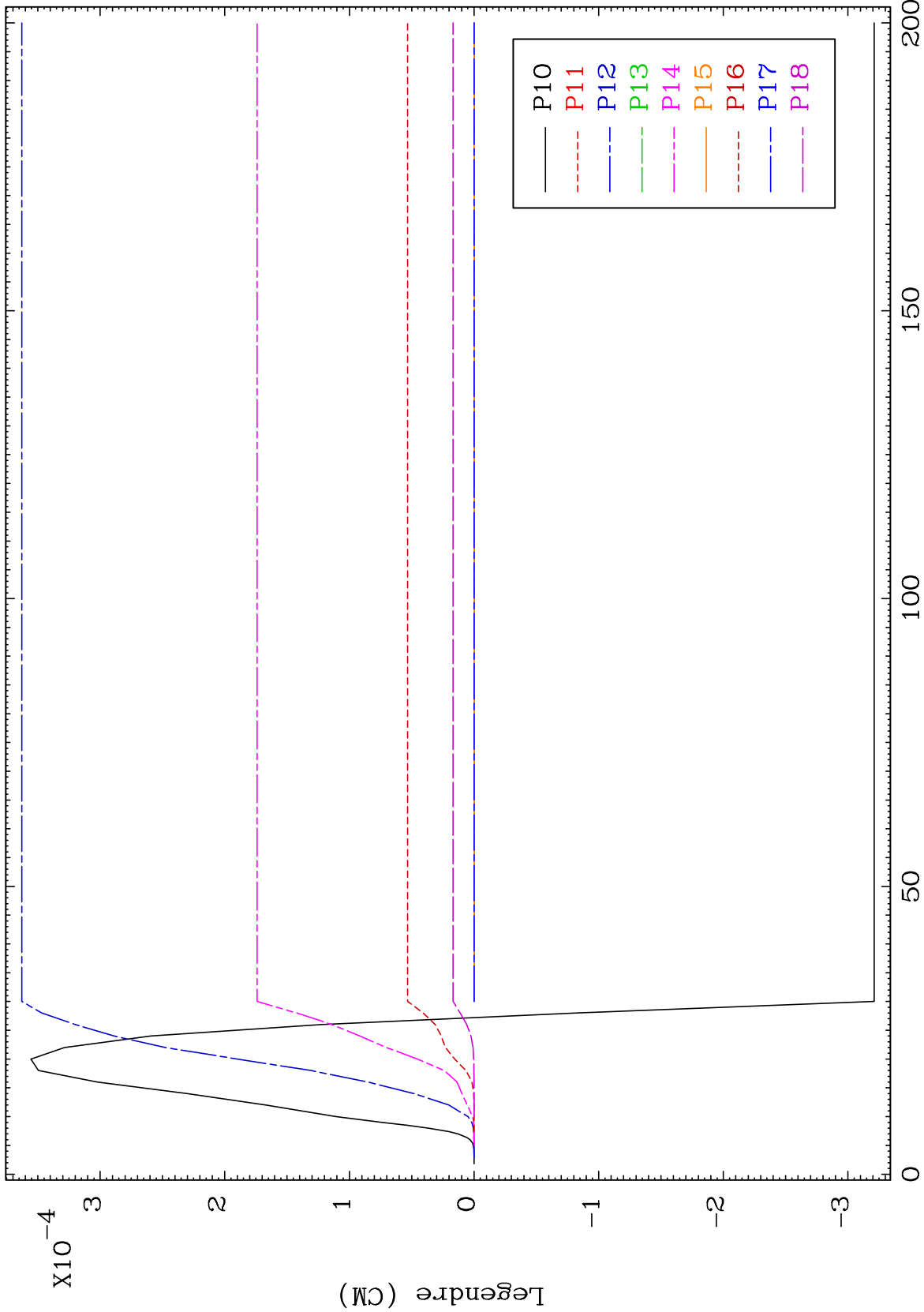
51-Sb-132



51-Sb-132

Incident Energy (MeV)

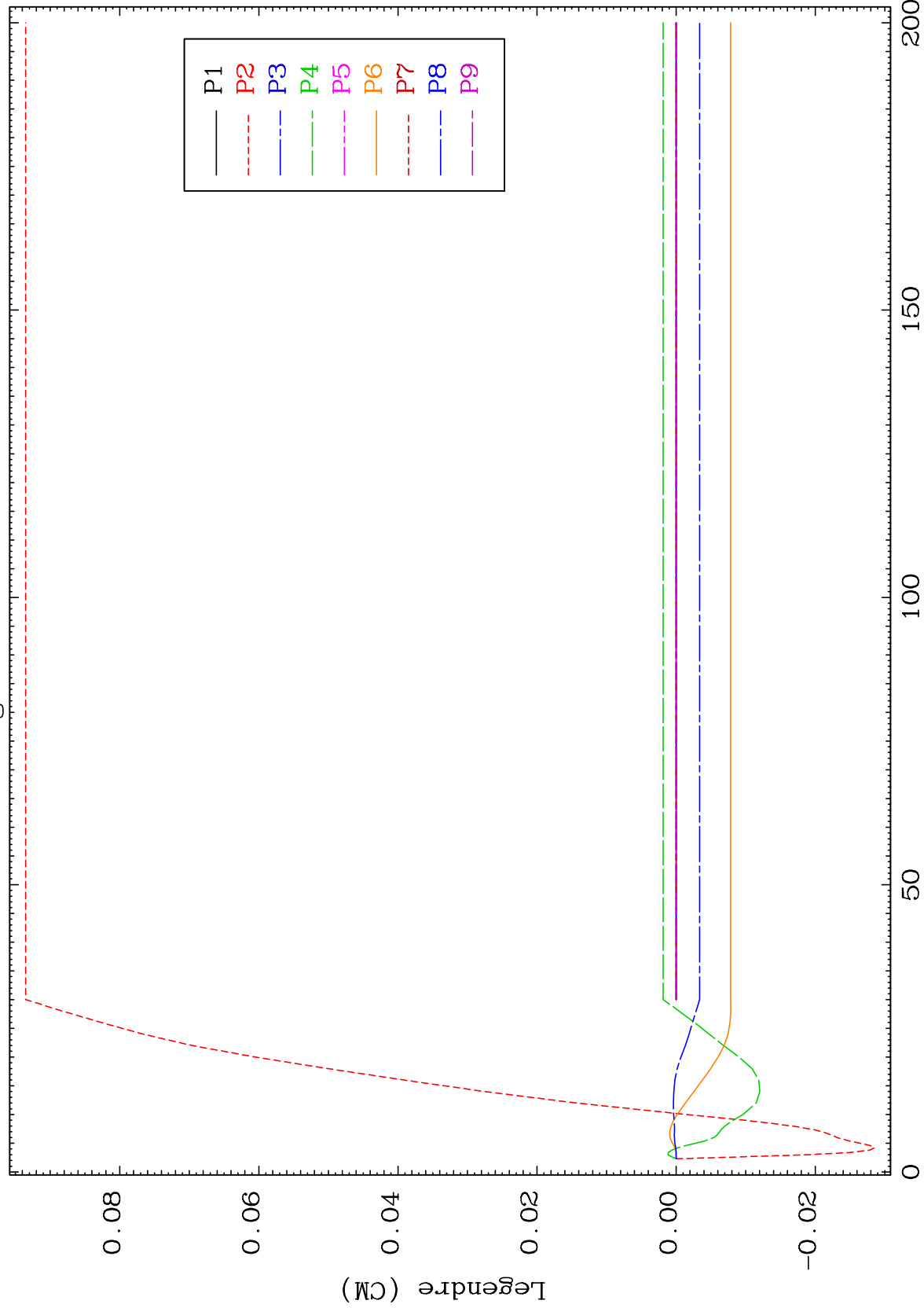
51



MAT 5158

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

51-Sb-132



51-Sb-132

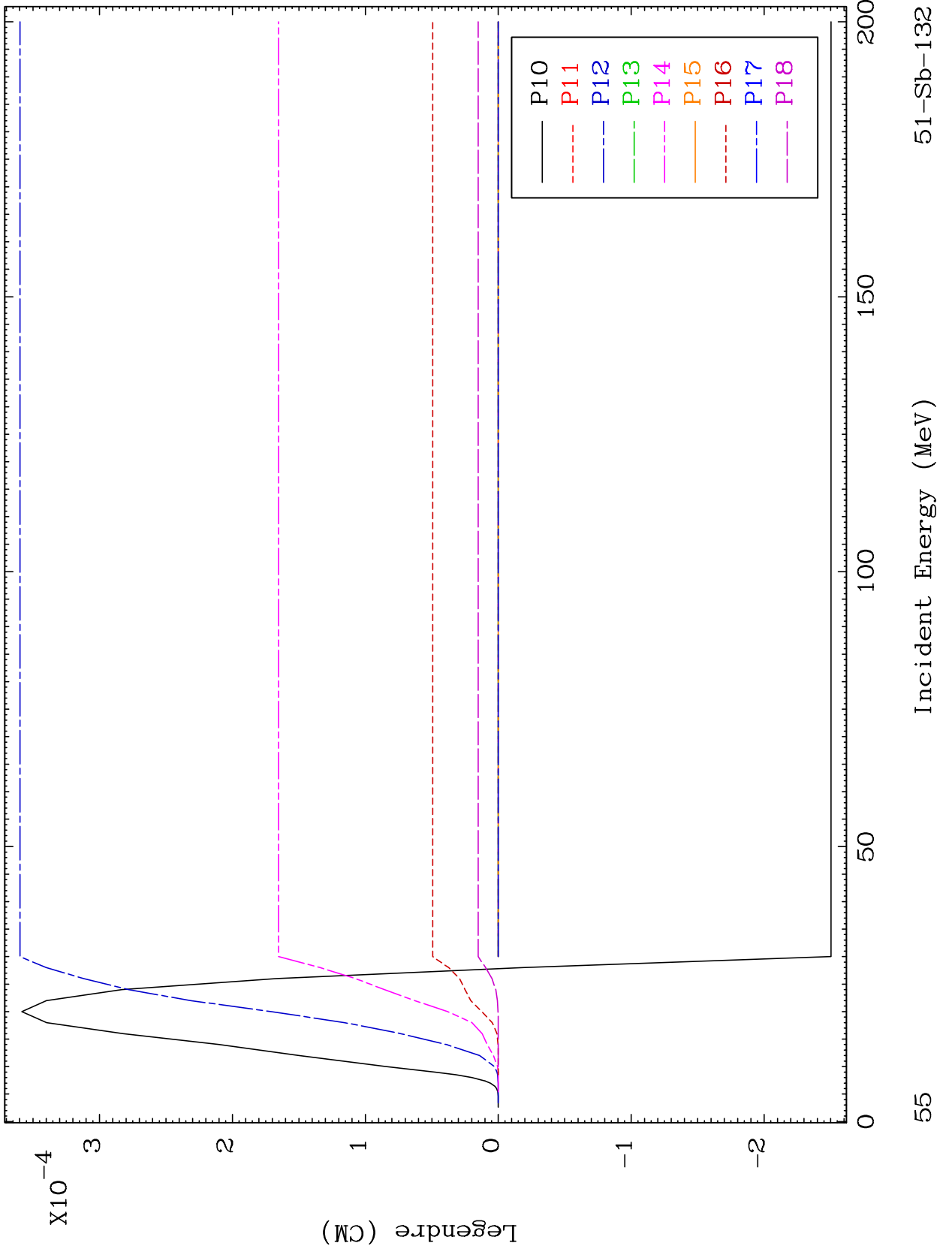
Incident Energy (MeV)

54

MAT 5158

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

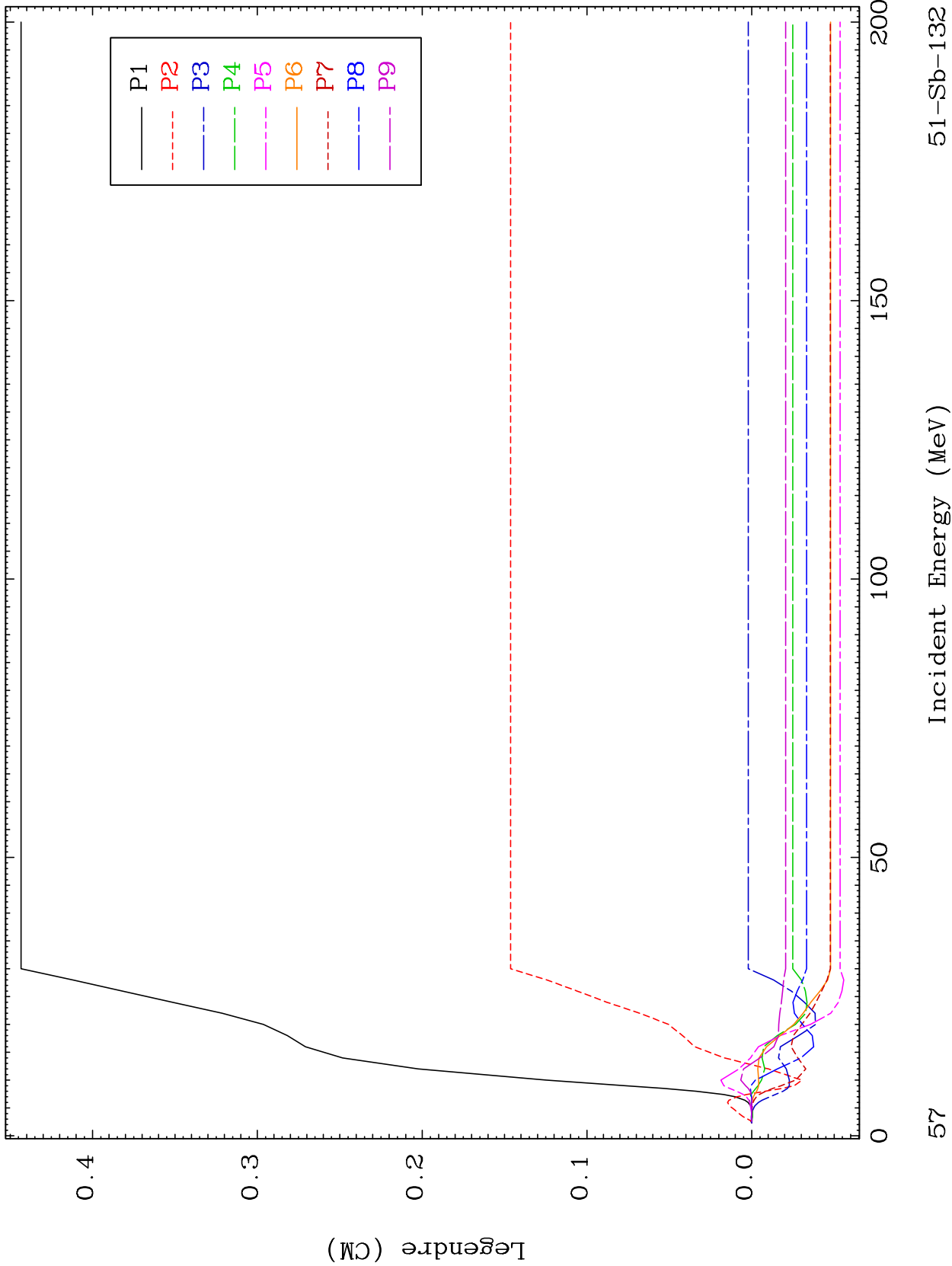
51-Sb-132



55

Incident Energy (MeV)

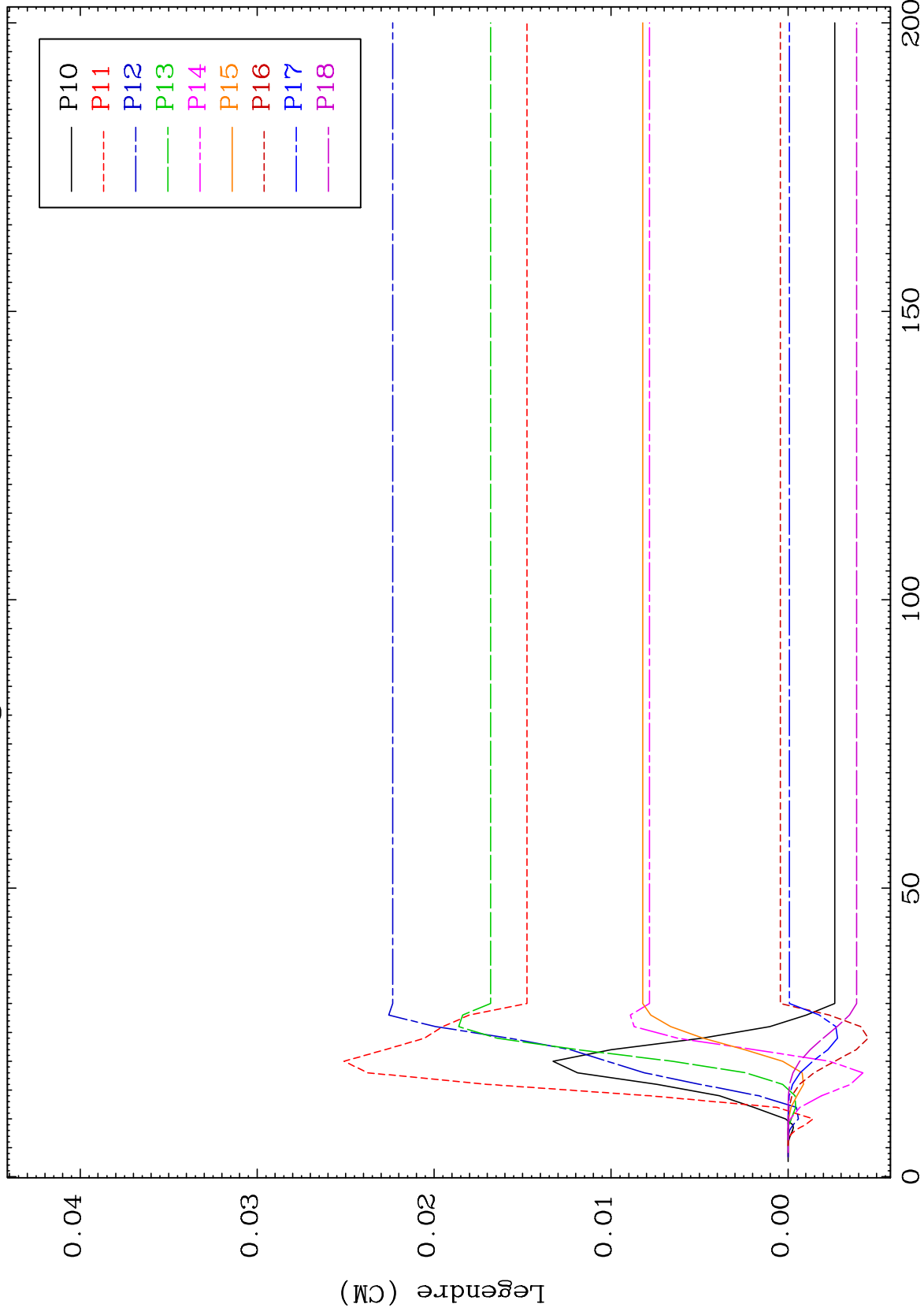
51-Sb-132



MAT 5158

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

51-Sb-132



58

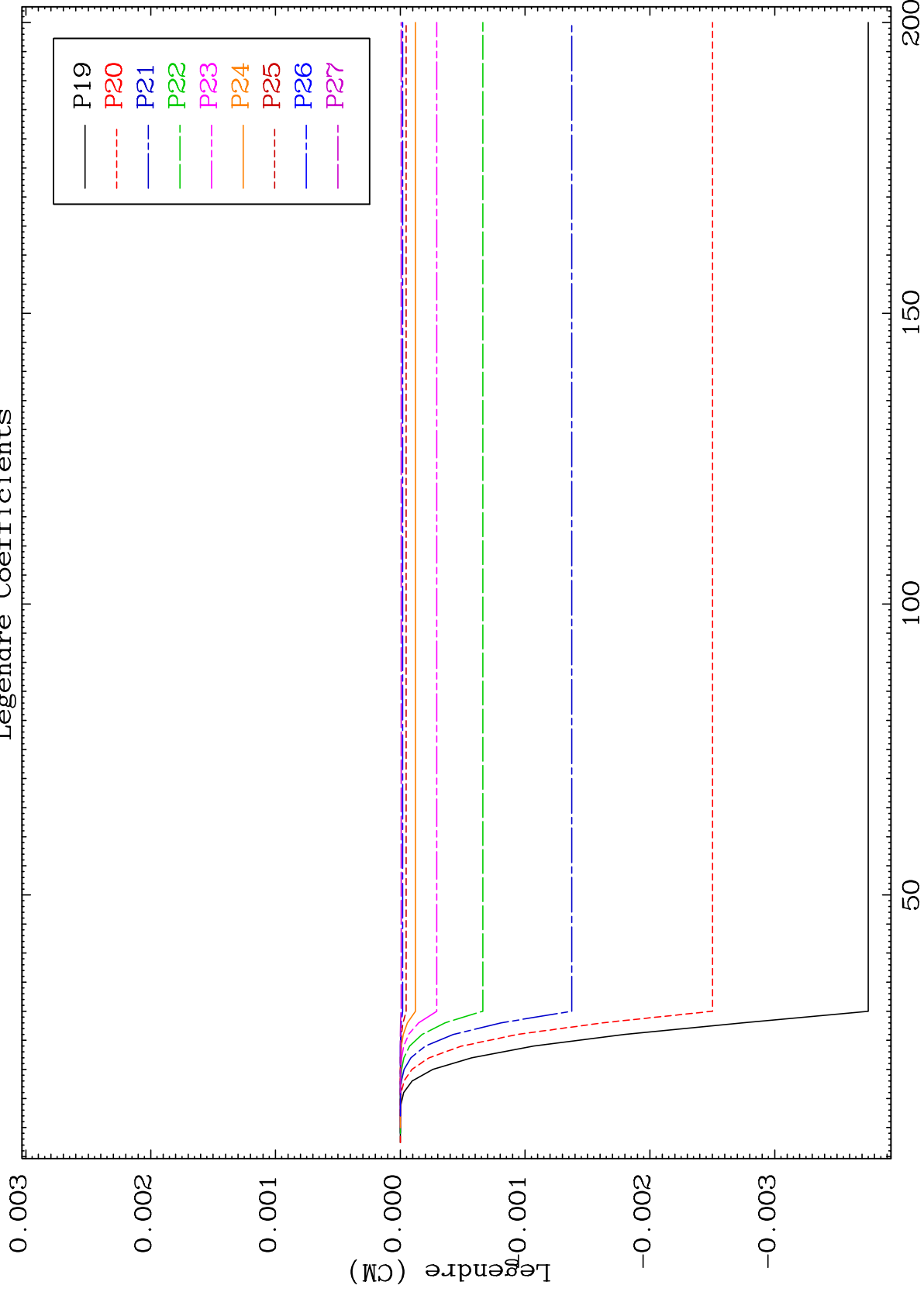
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



59

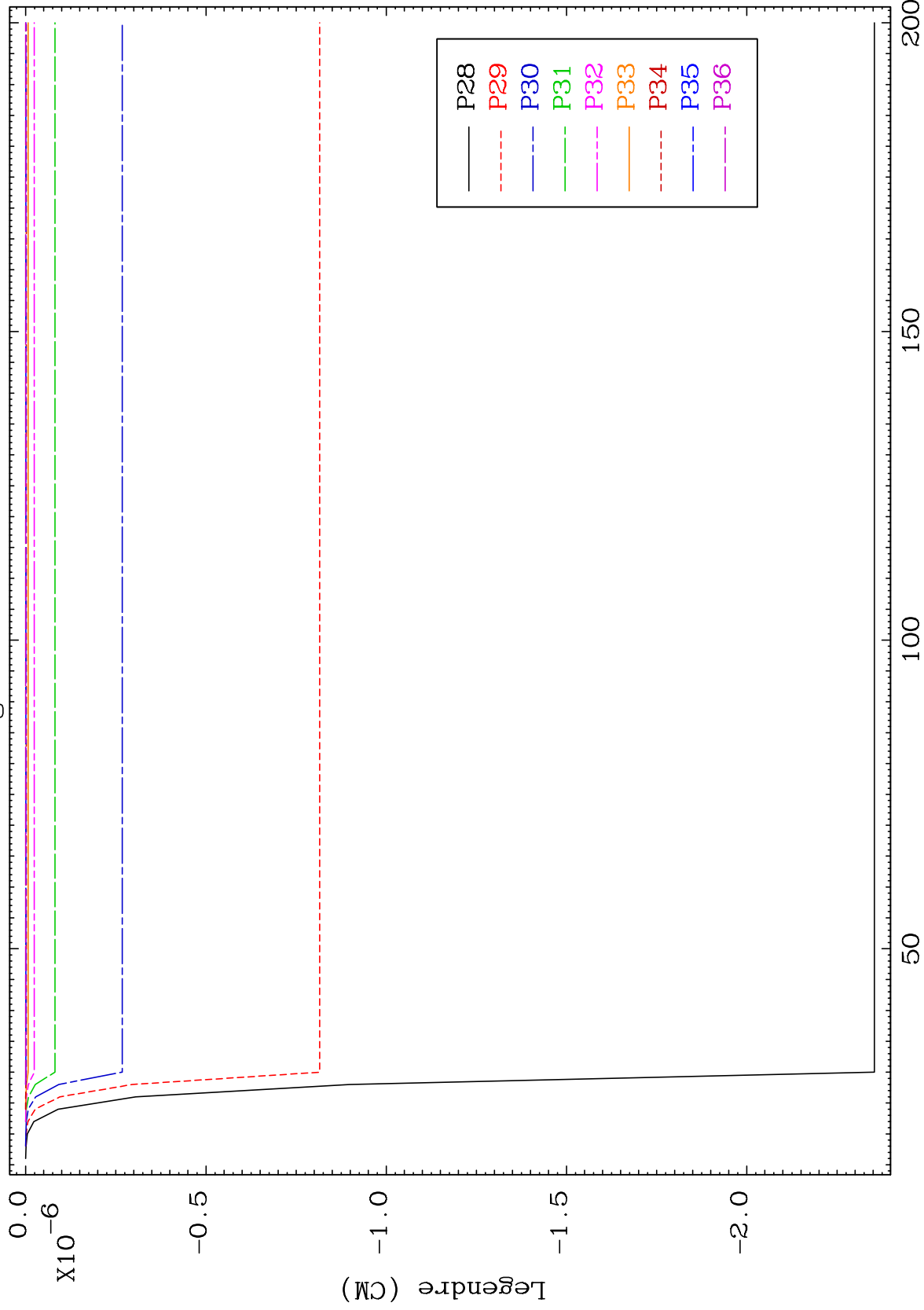
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



60

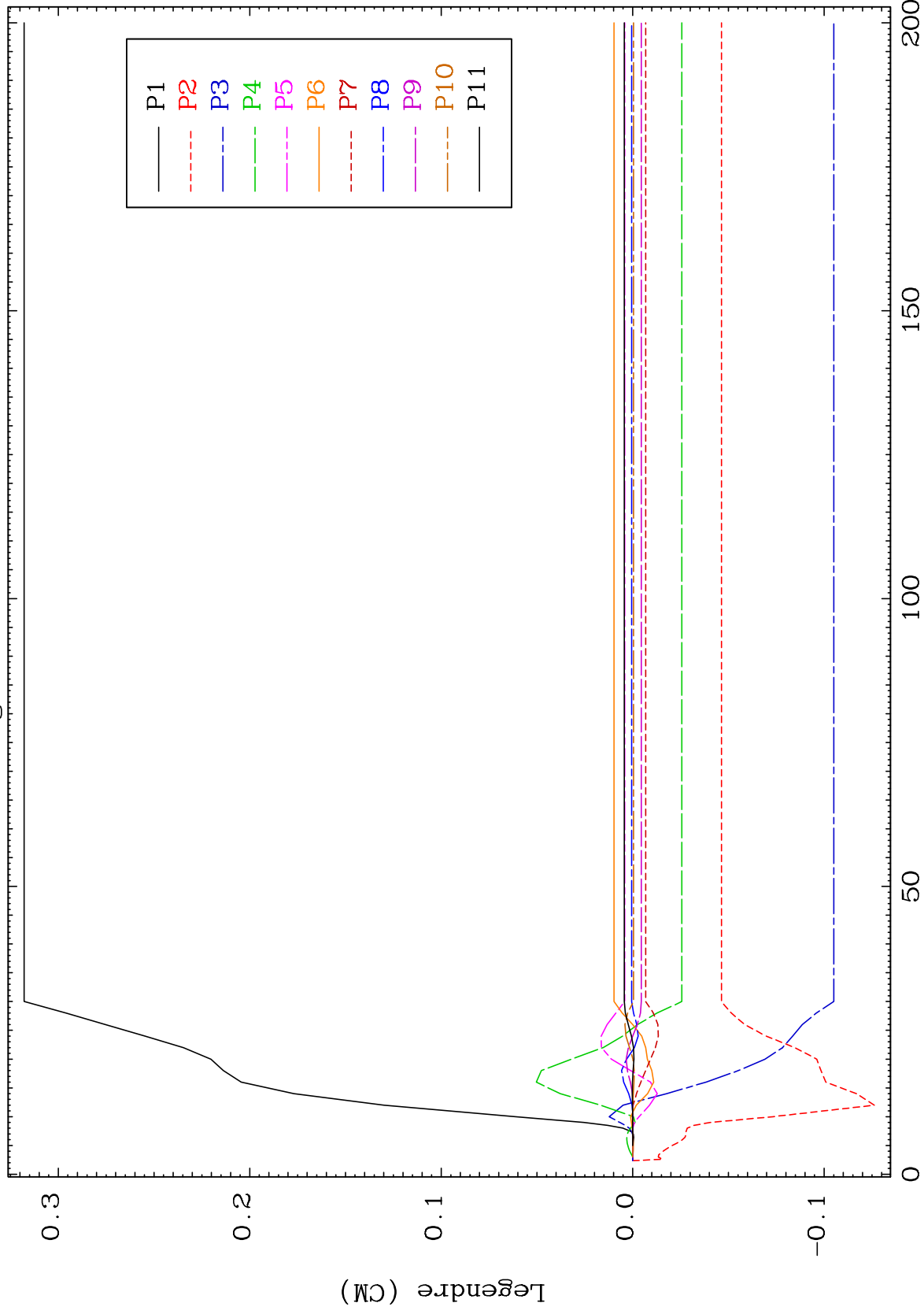
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



61

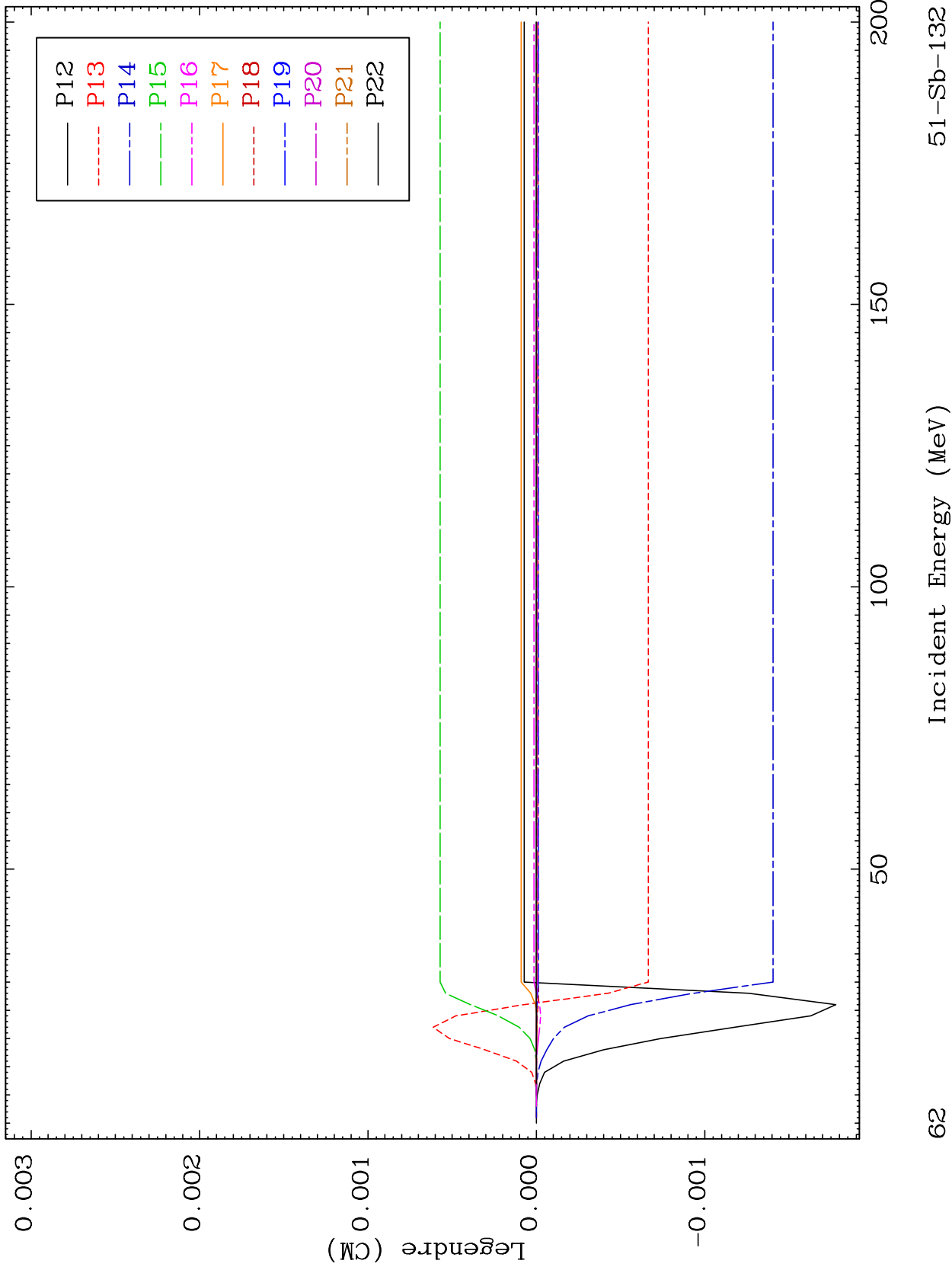
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



62

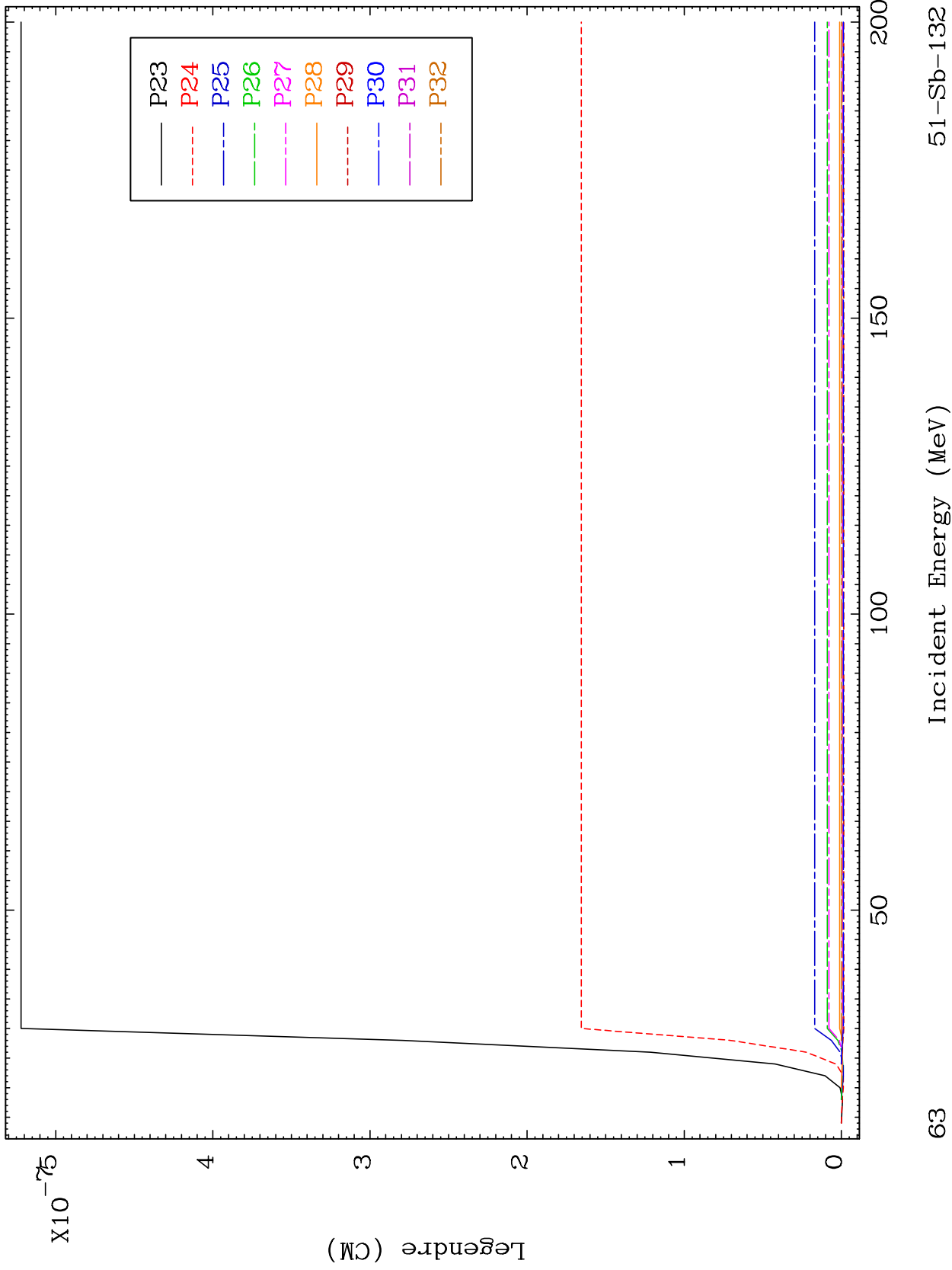
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

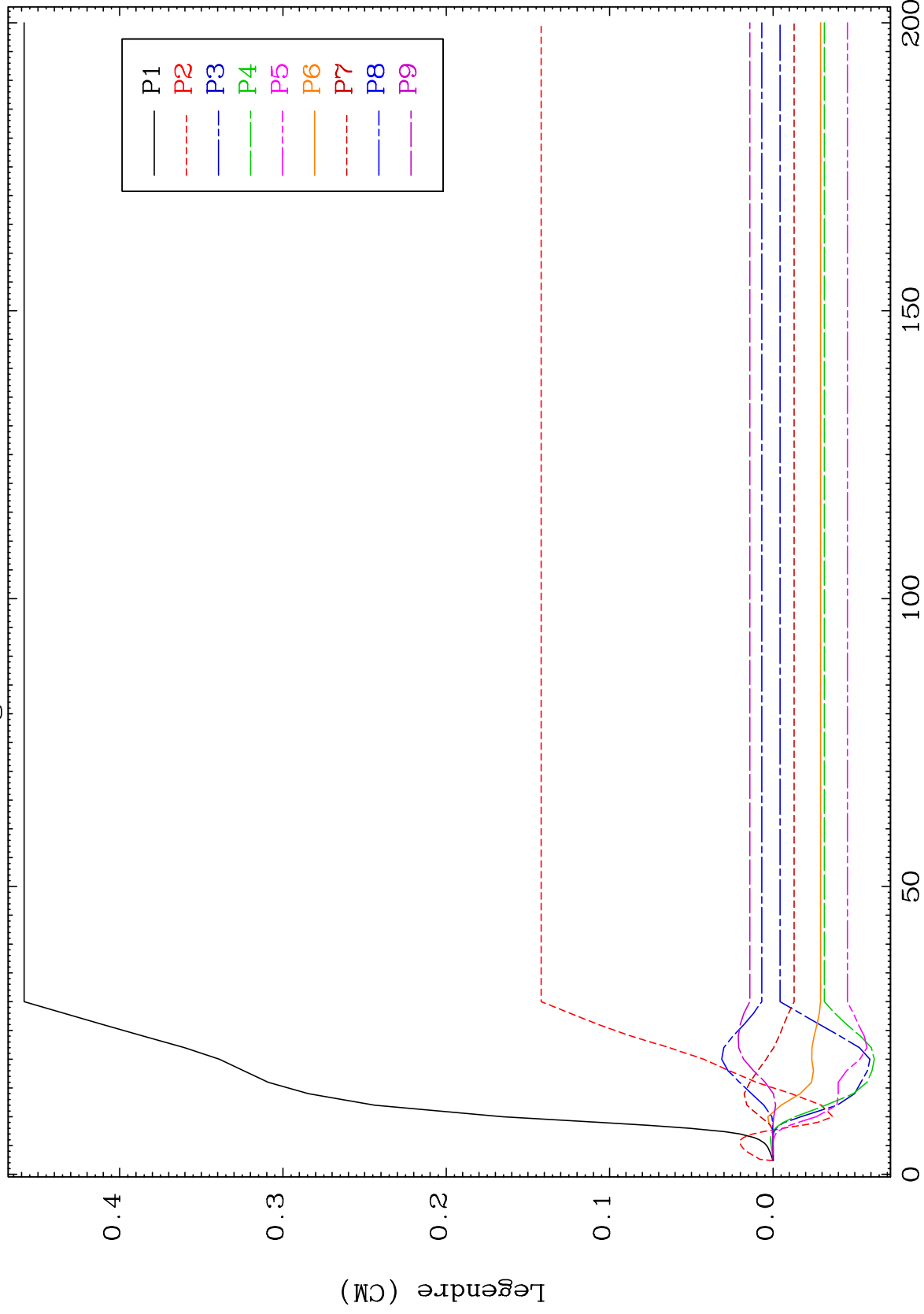
51-Sb-132



MAT 5158

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

51-Sb-132



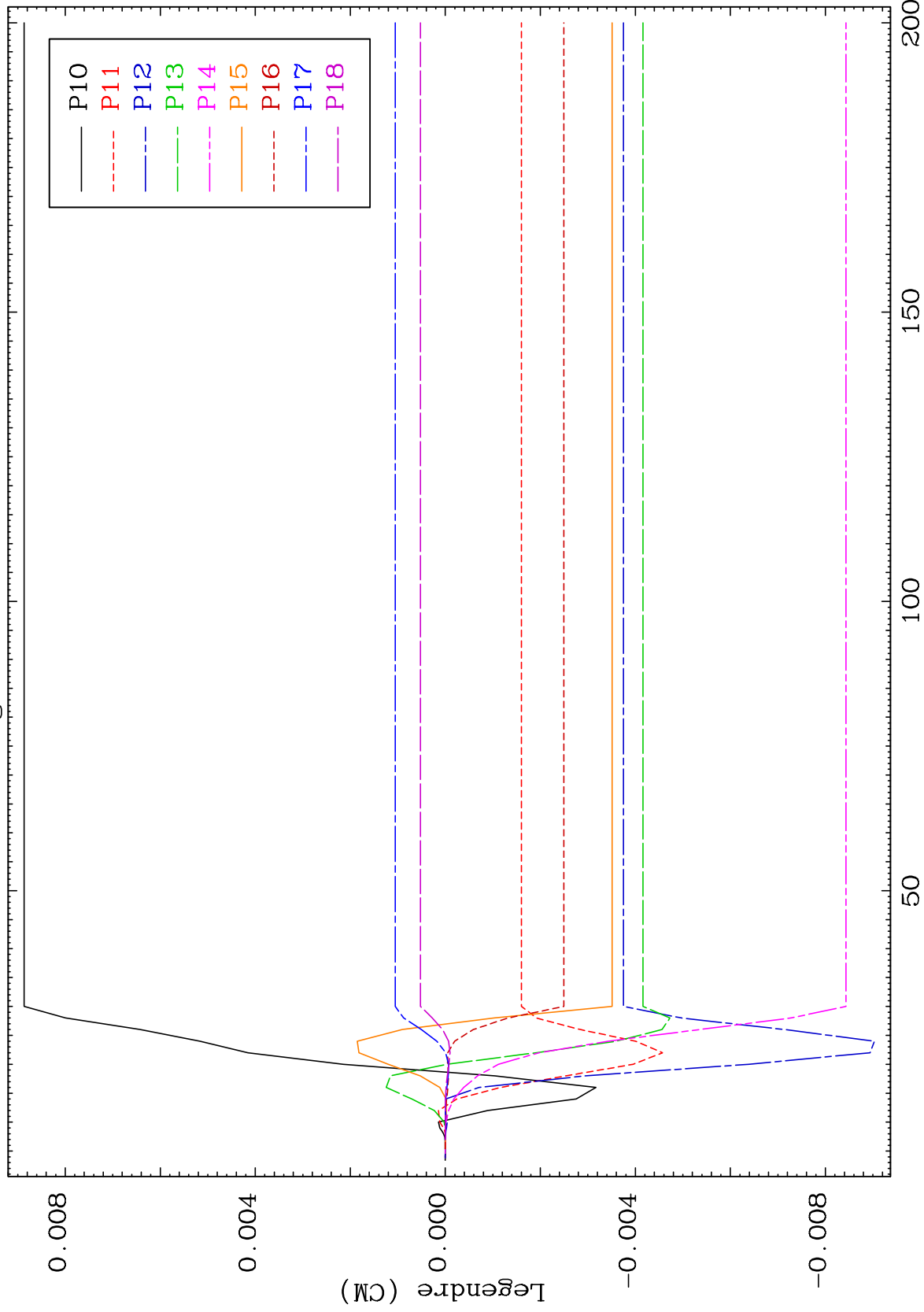
64

51-Sb-132

MAT 5158

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

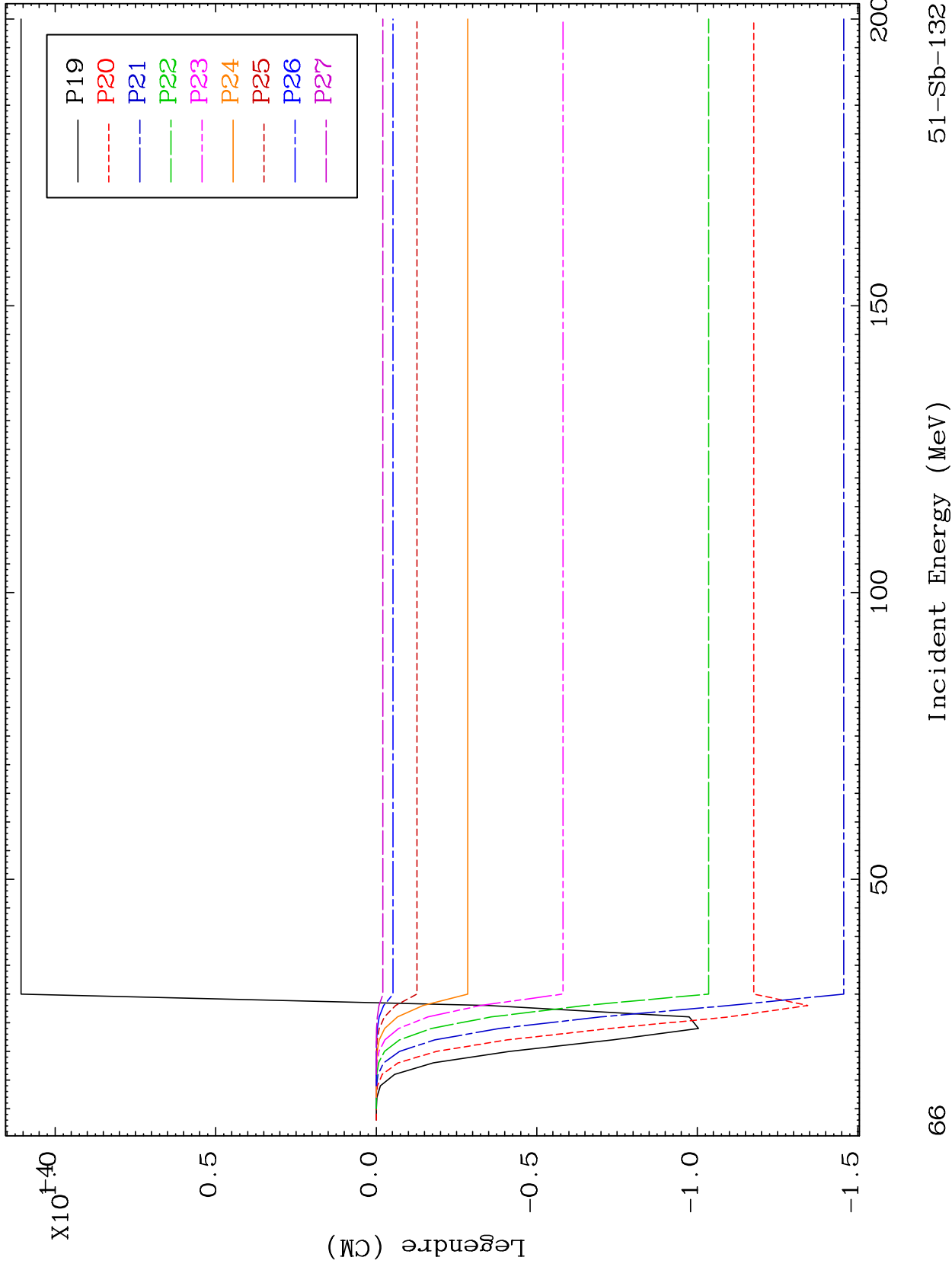
51-Sb-132



65

Incident Energy (MeV)

51-Sb-132

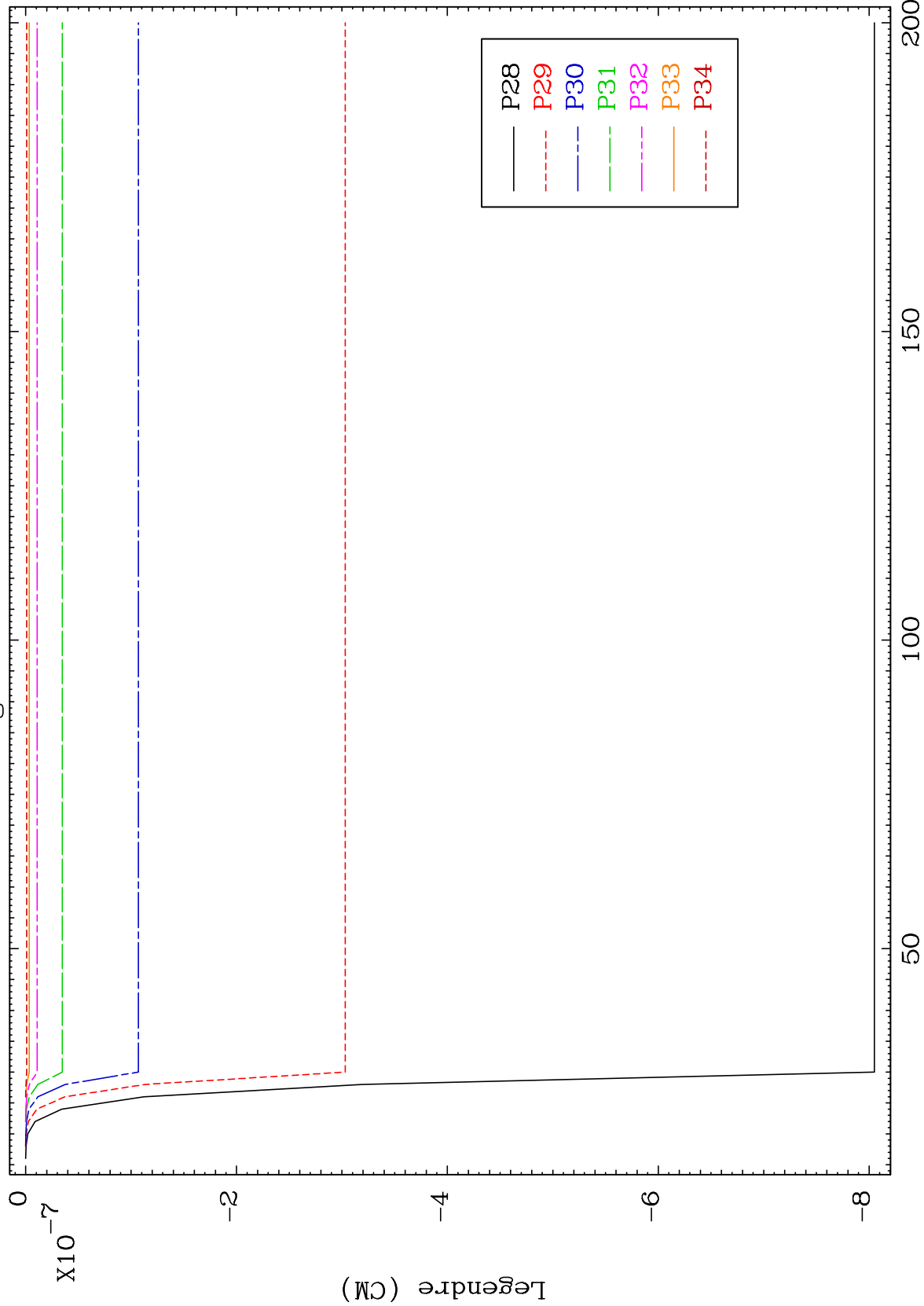


MAT 5158

MT= 64 (n,n') Level

51-Sb-132

Legendre Coefficients



67

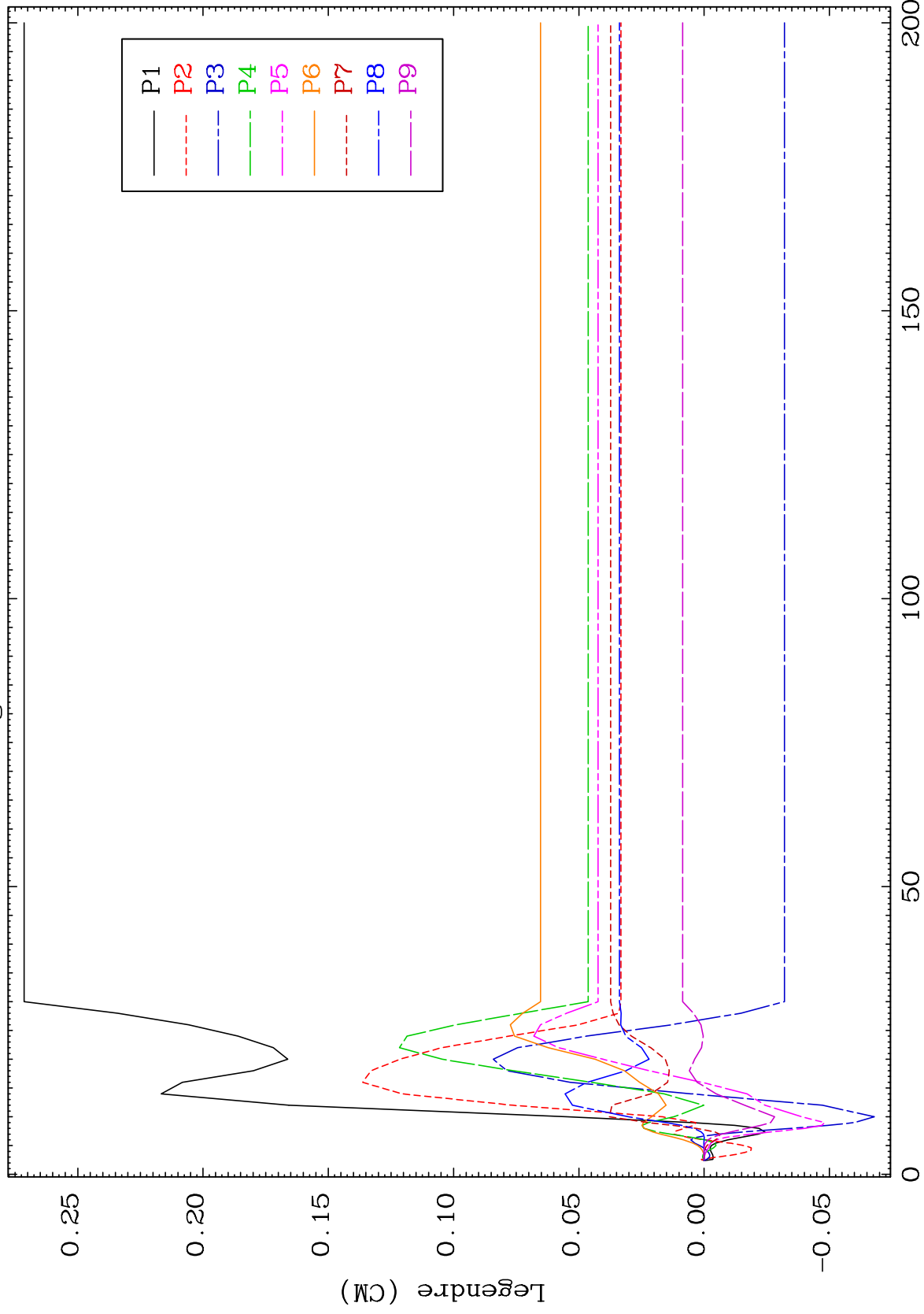
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

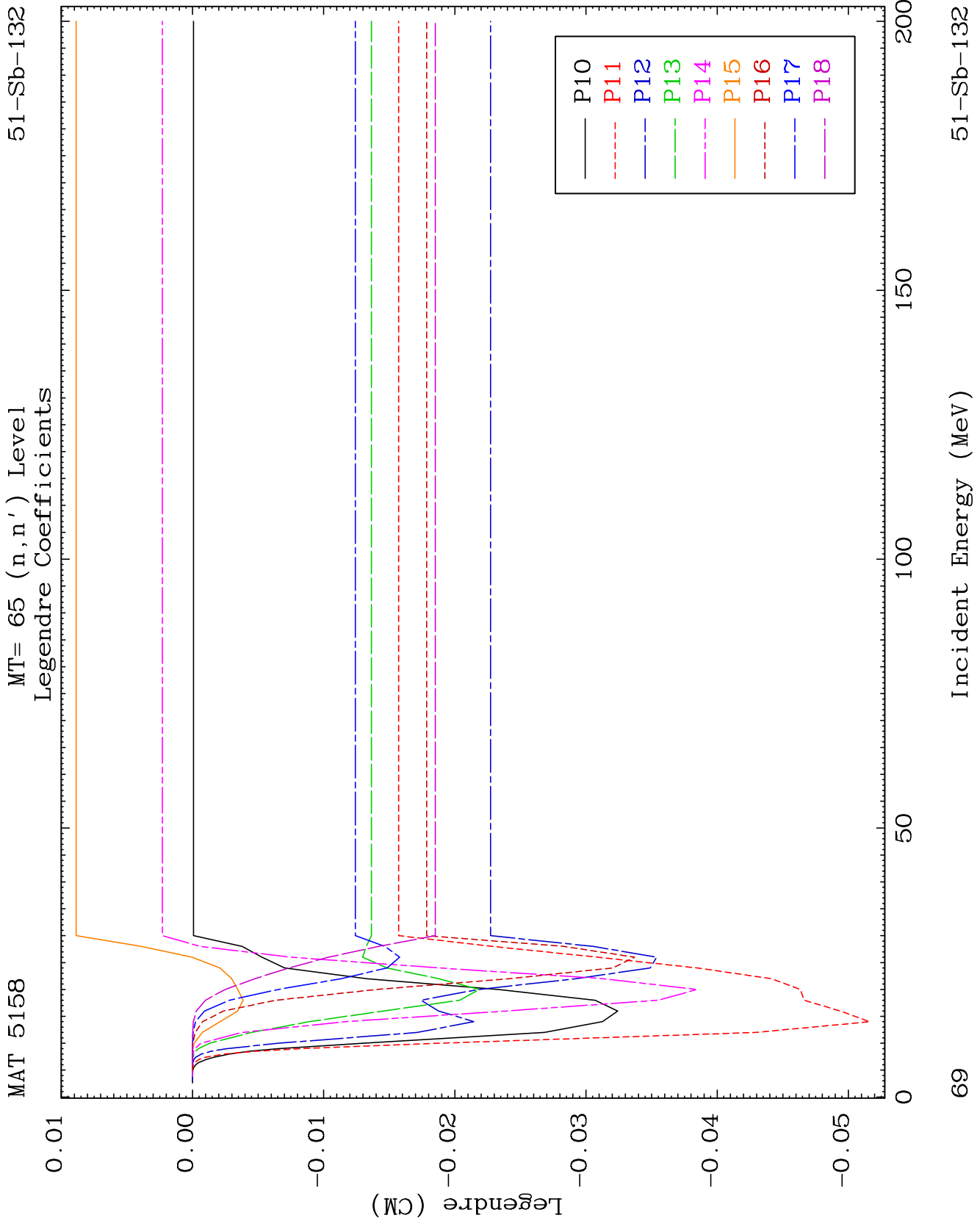
51-Sb-132

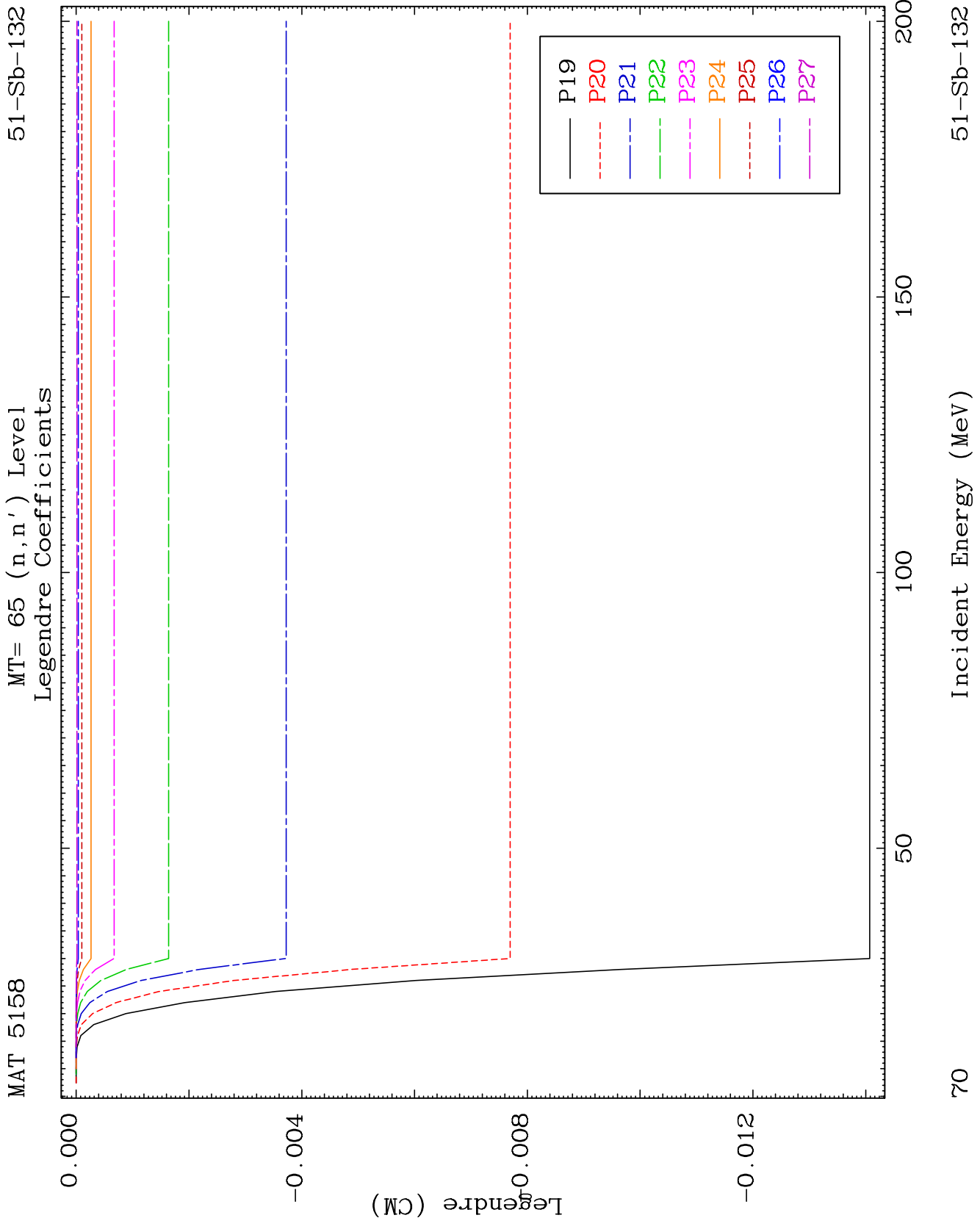


51-Sb-132

Incident Energy (MeV)

68

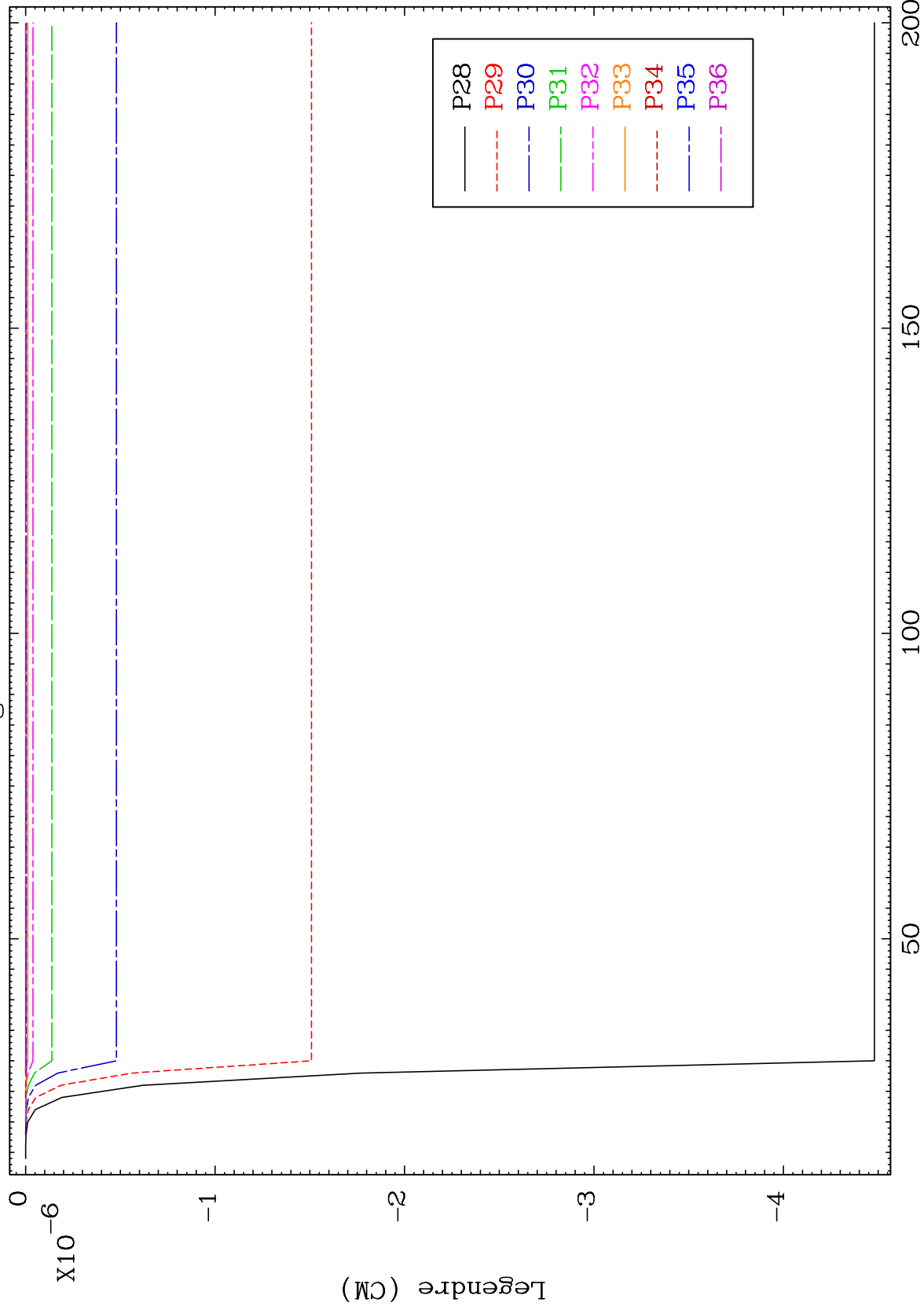




MAT 5158

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

51-Sb-132



71

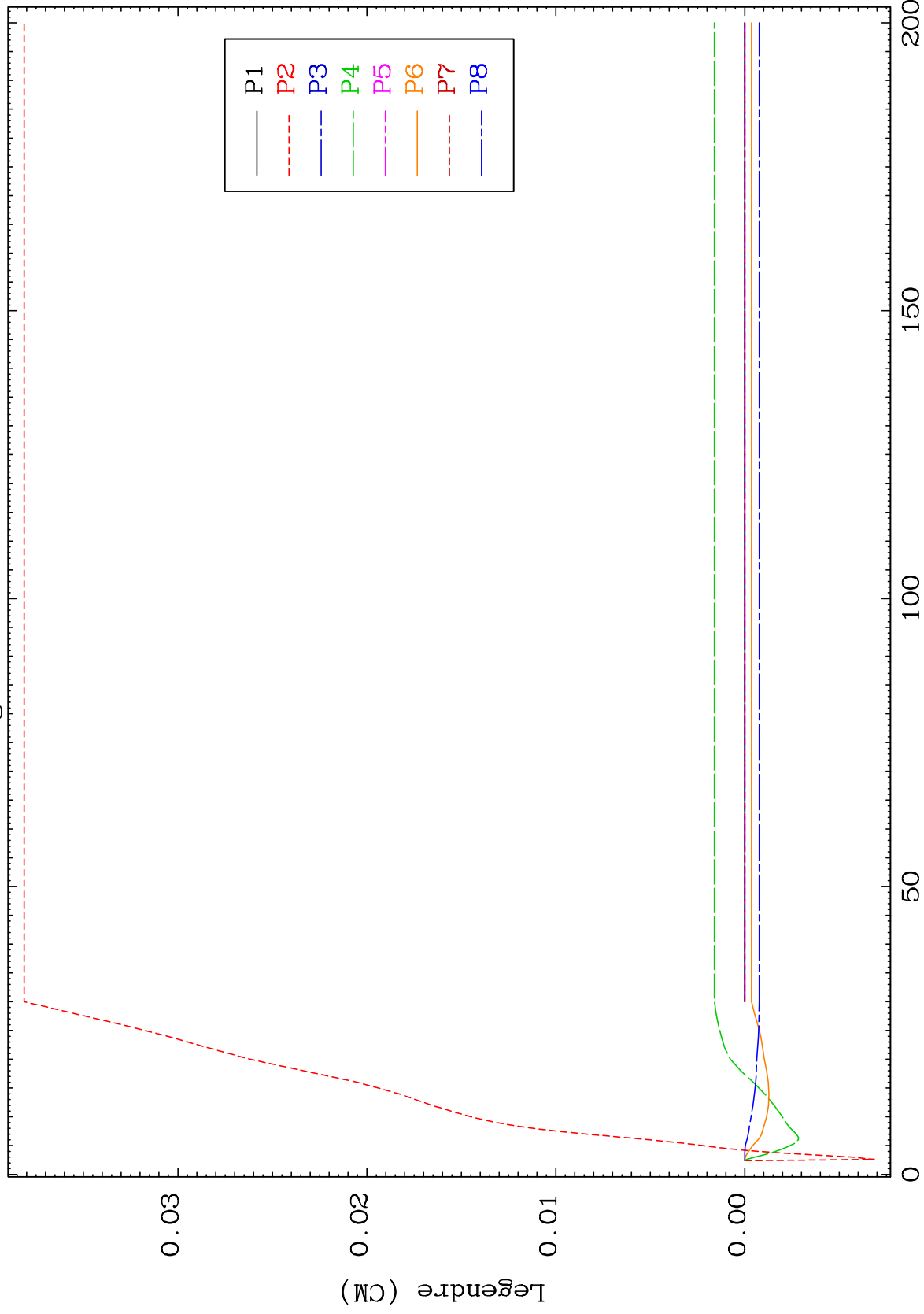
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



72

Incident Energy (MeV)

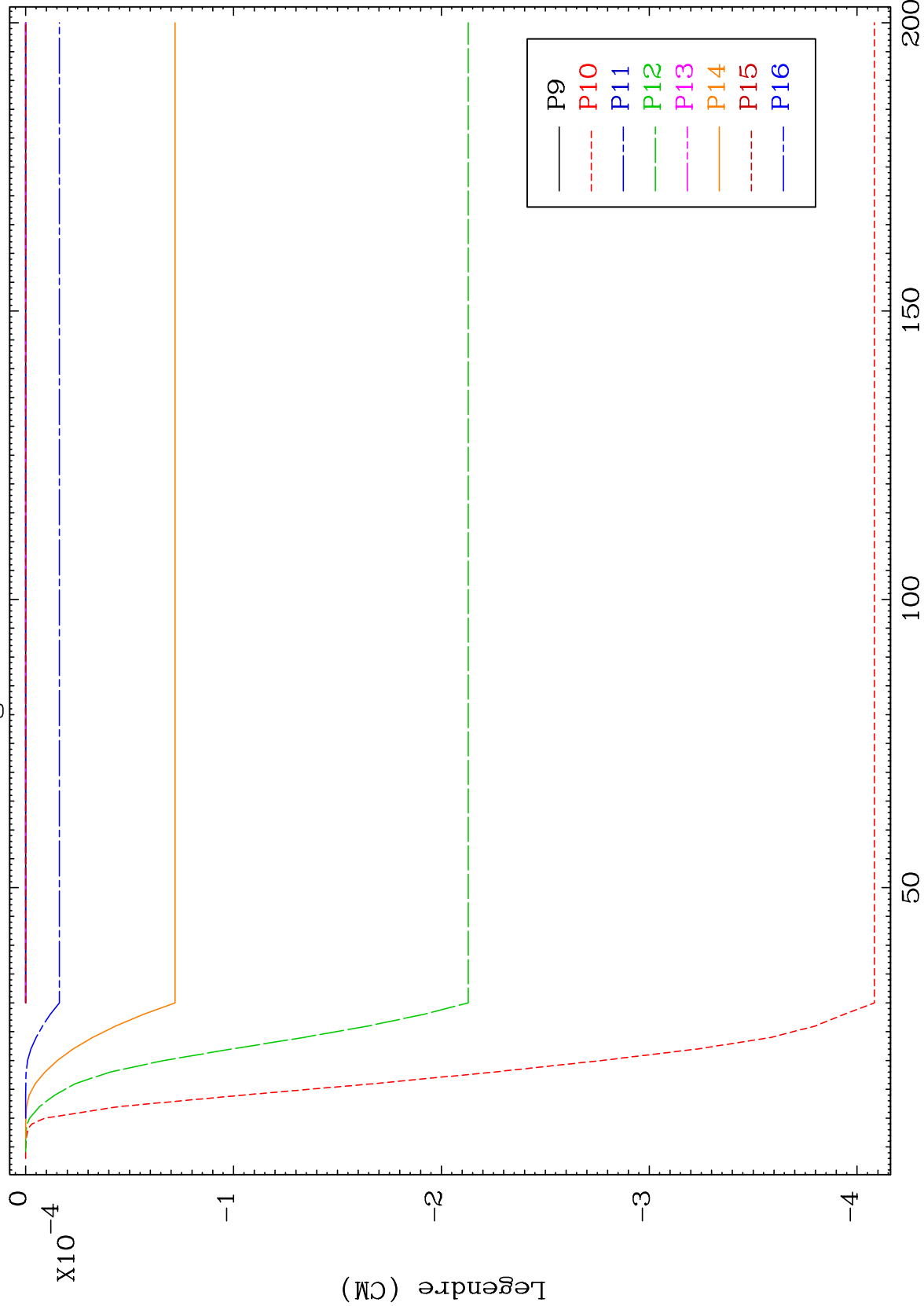
51-Sb-132

MAT 5158

MT= 66 (n,n') Level

51-Sb-132

Legendre Coefficients



73

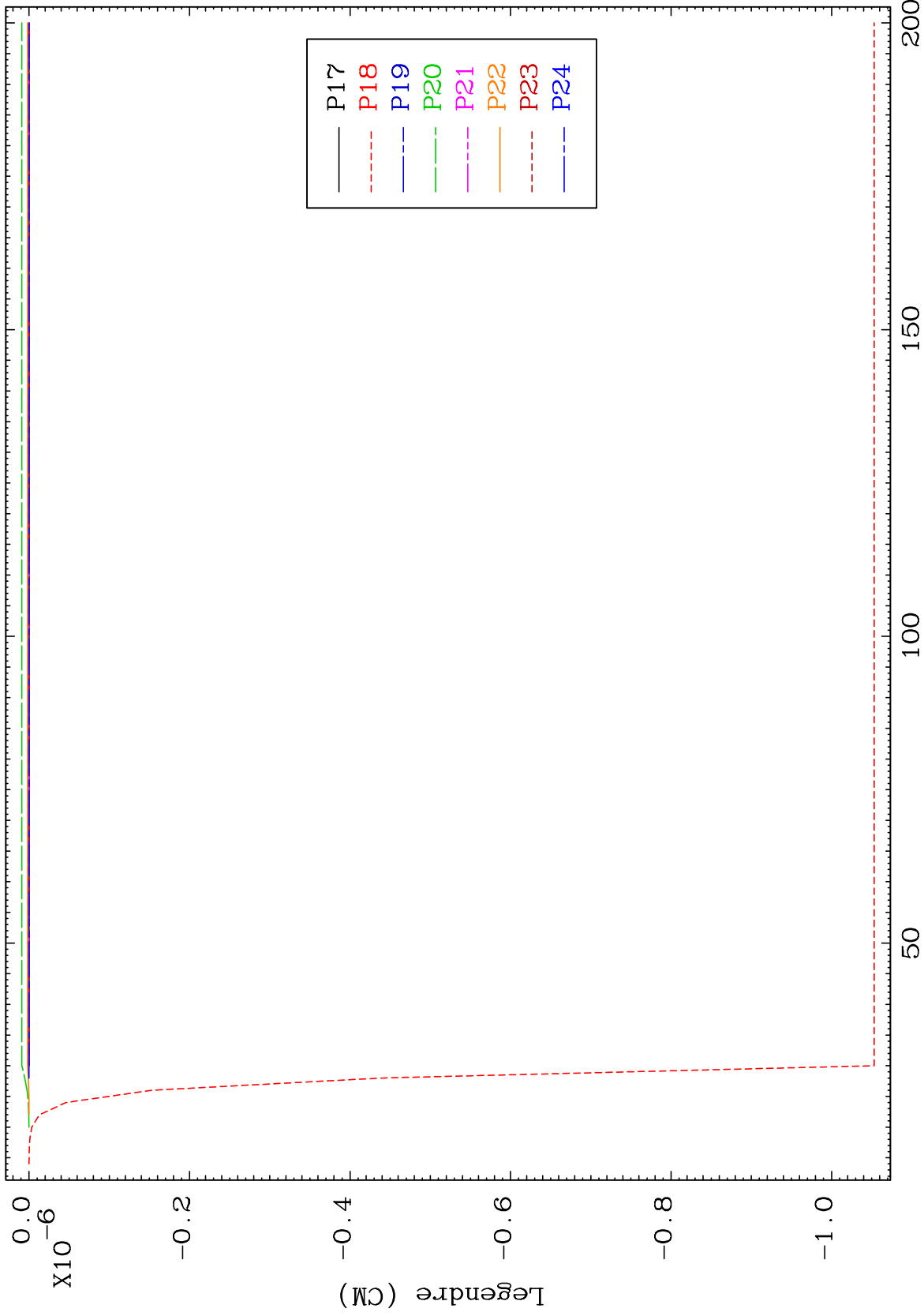
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



74

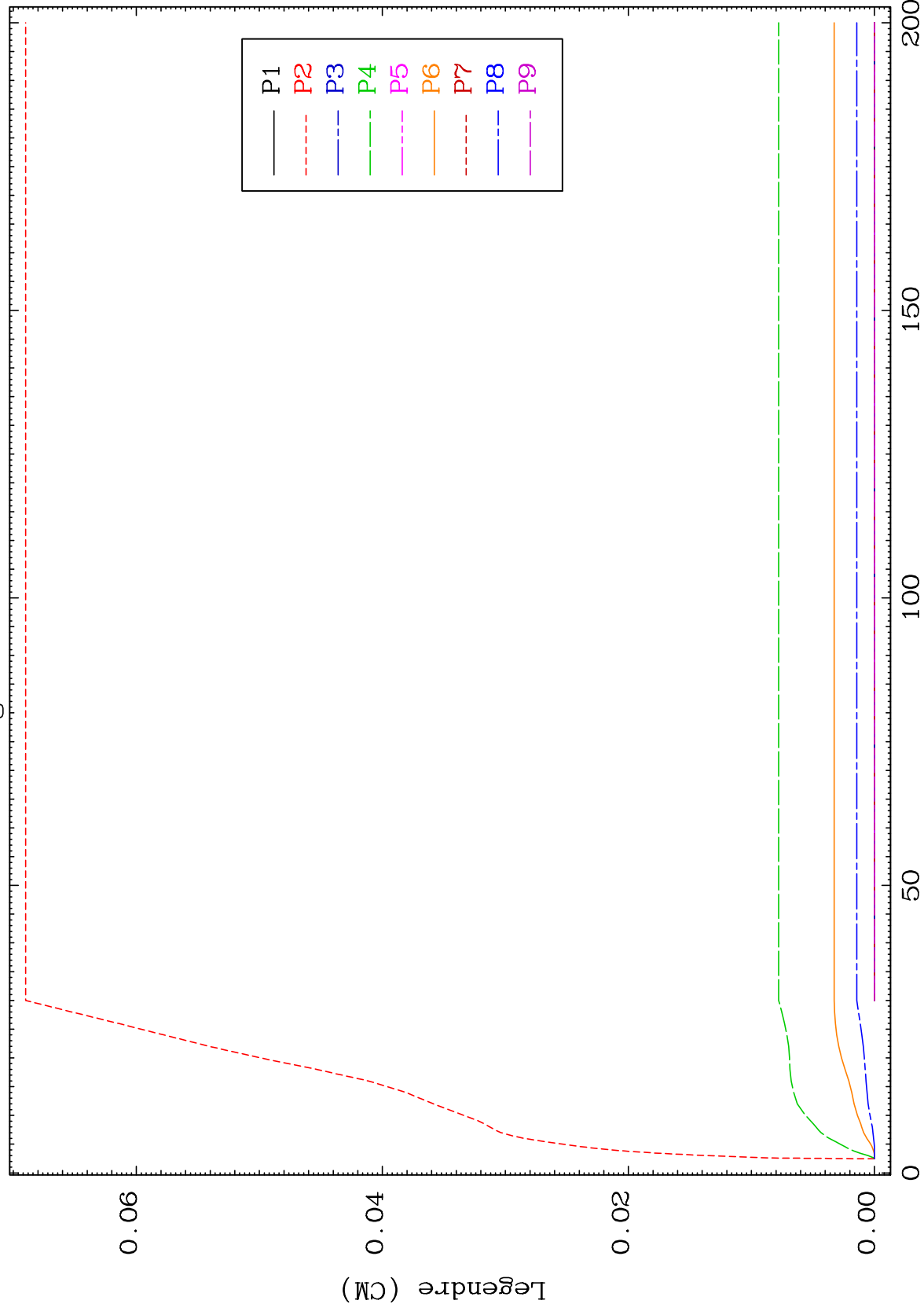
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



51-Sb-132

Incident Energy (MeV)

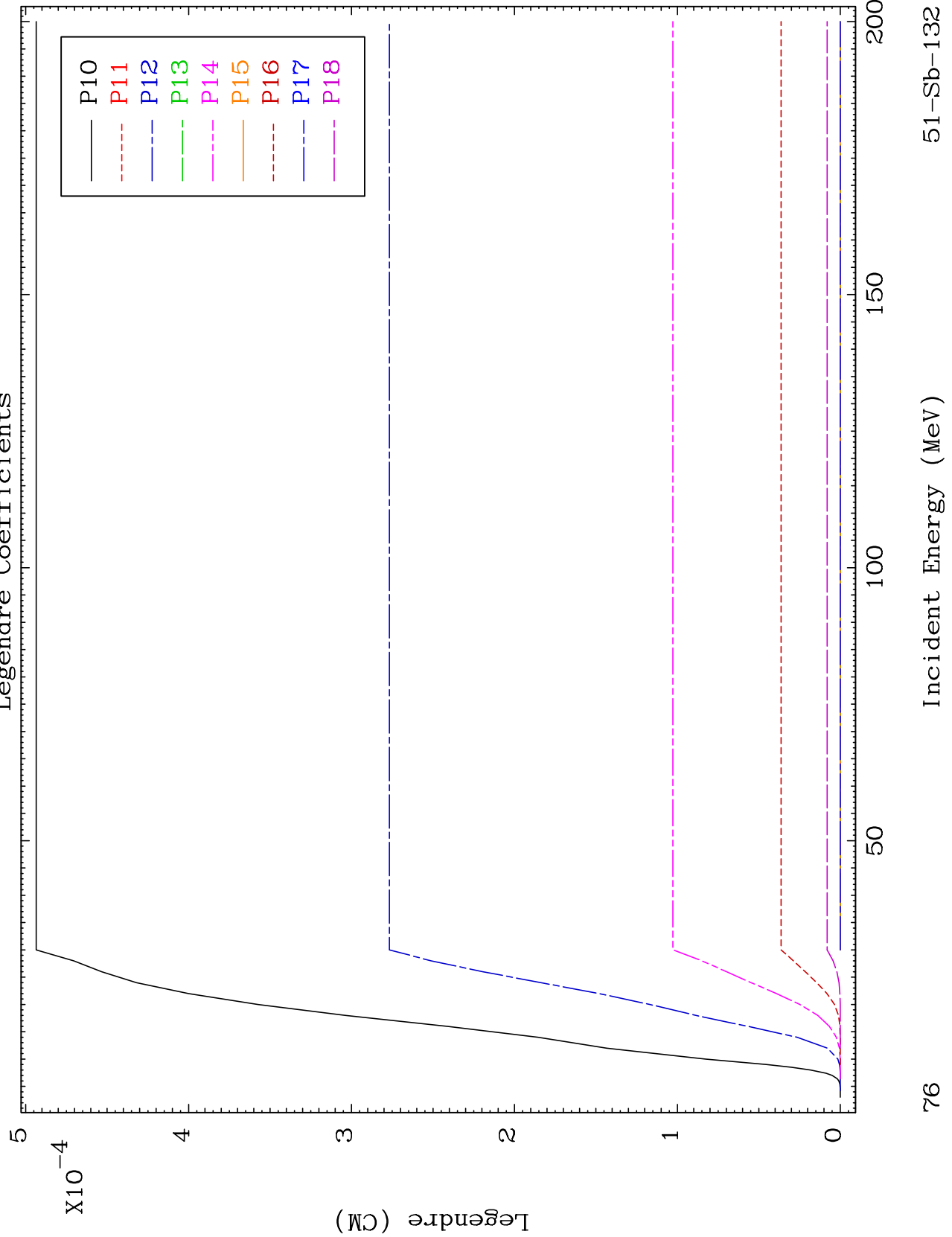
75

MAT 5158

MT= 67 (n,n') Level

51-Sb-132

Legendre Coefficients



76

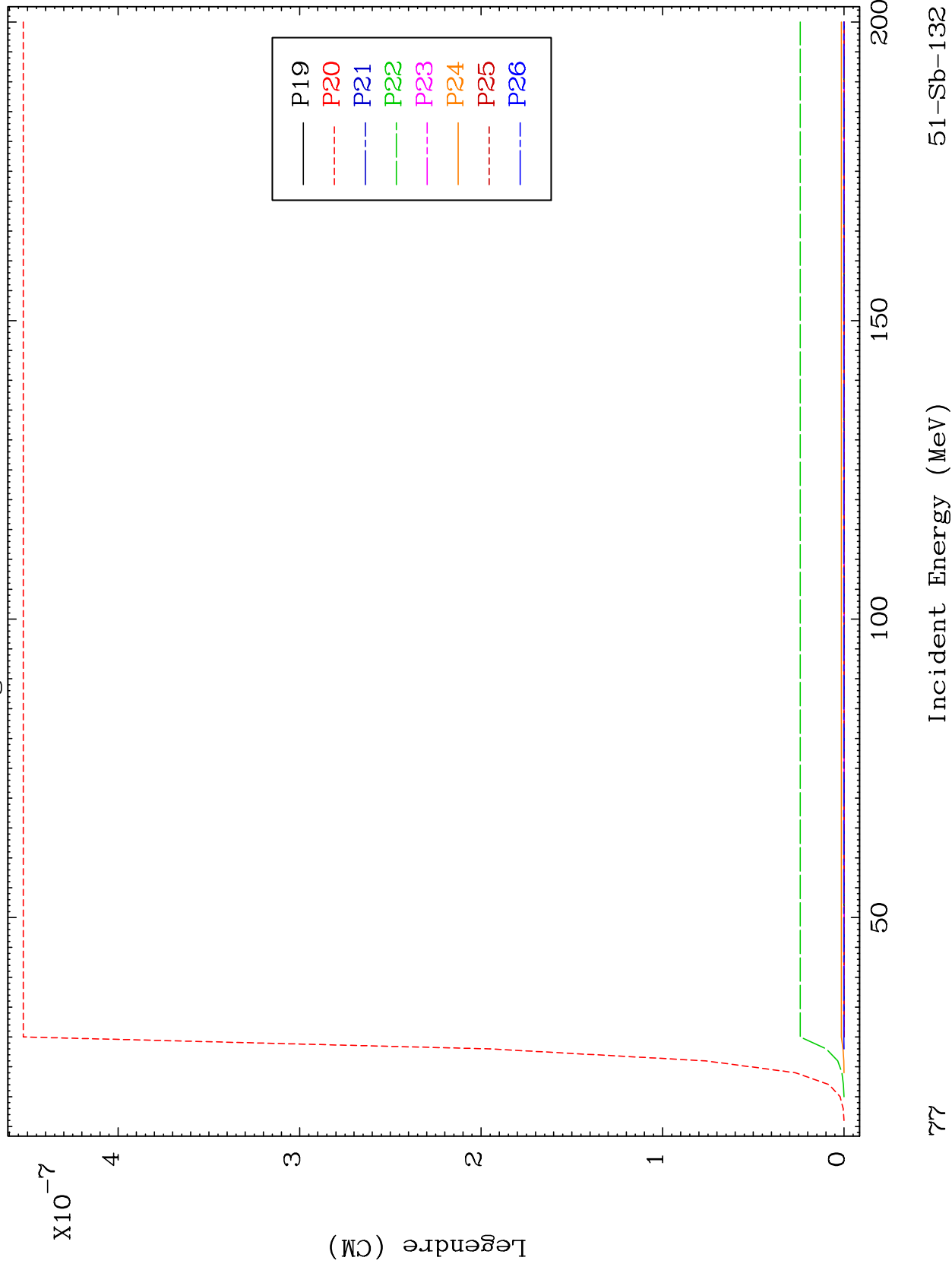
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



77

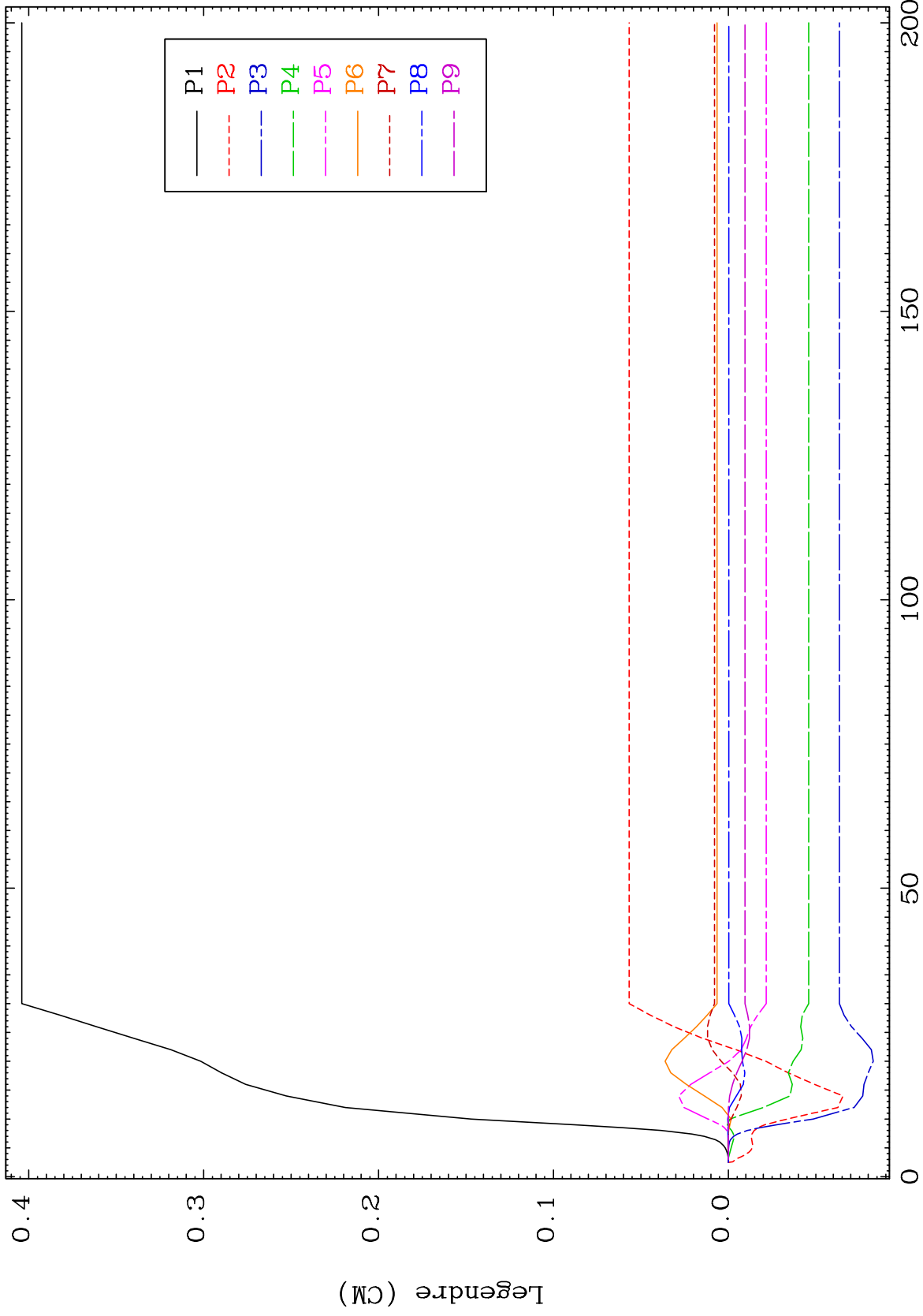
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



78

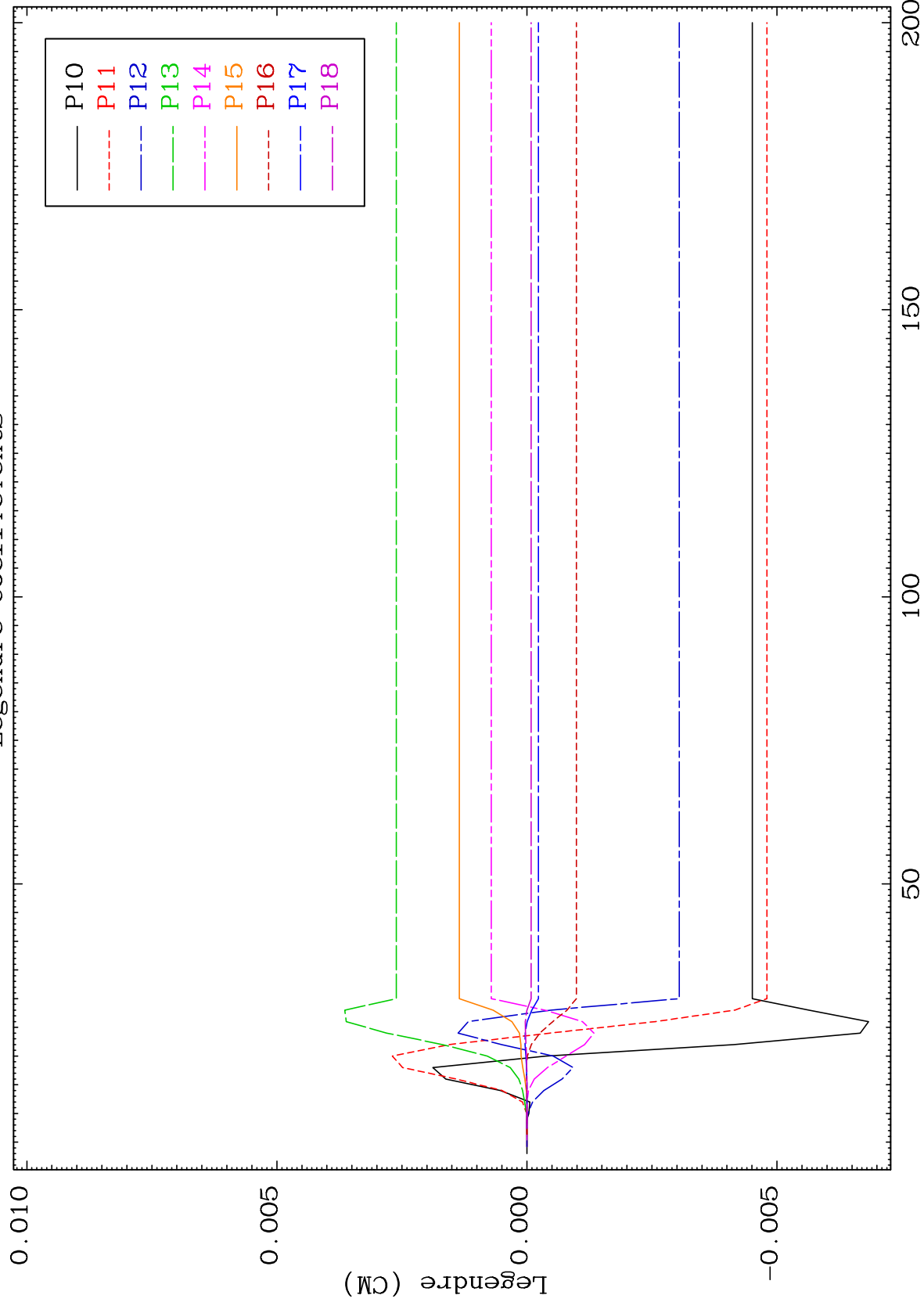
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



79

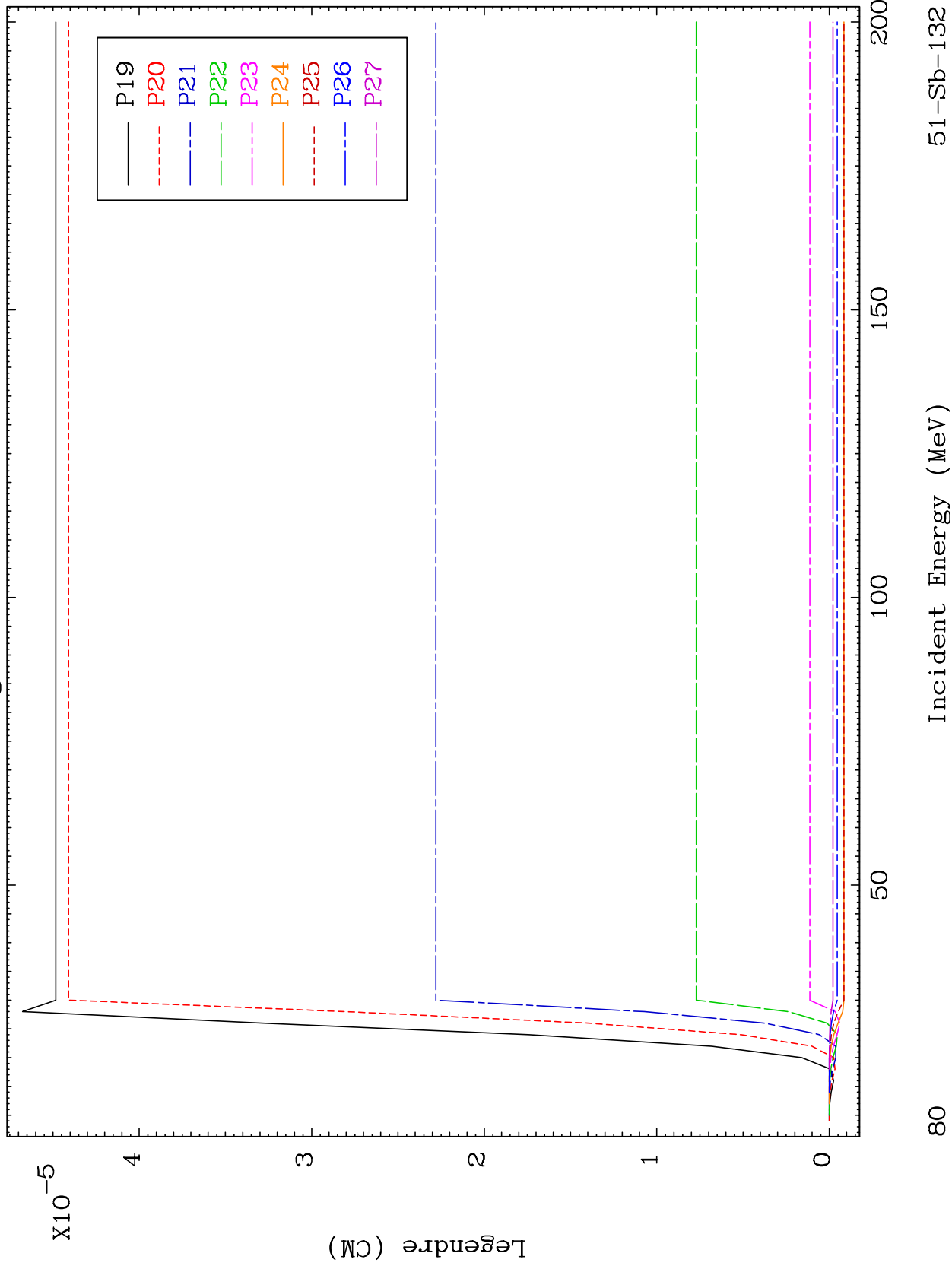
Incident Energy (MeV)

51-Sb-132

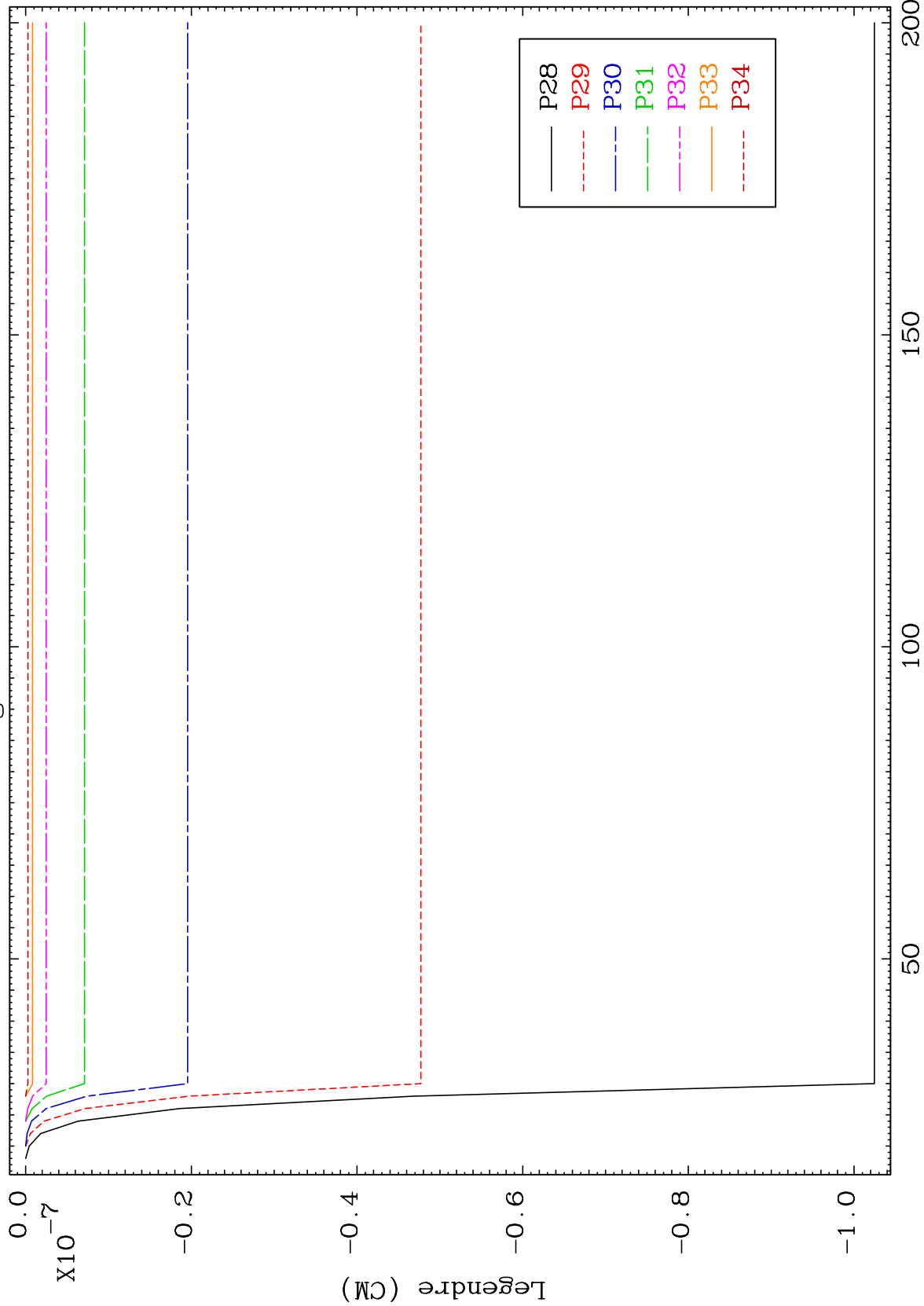
MAT 5158

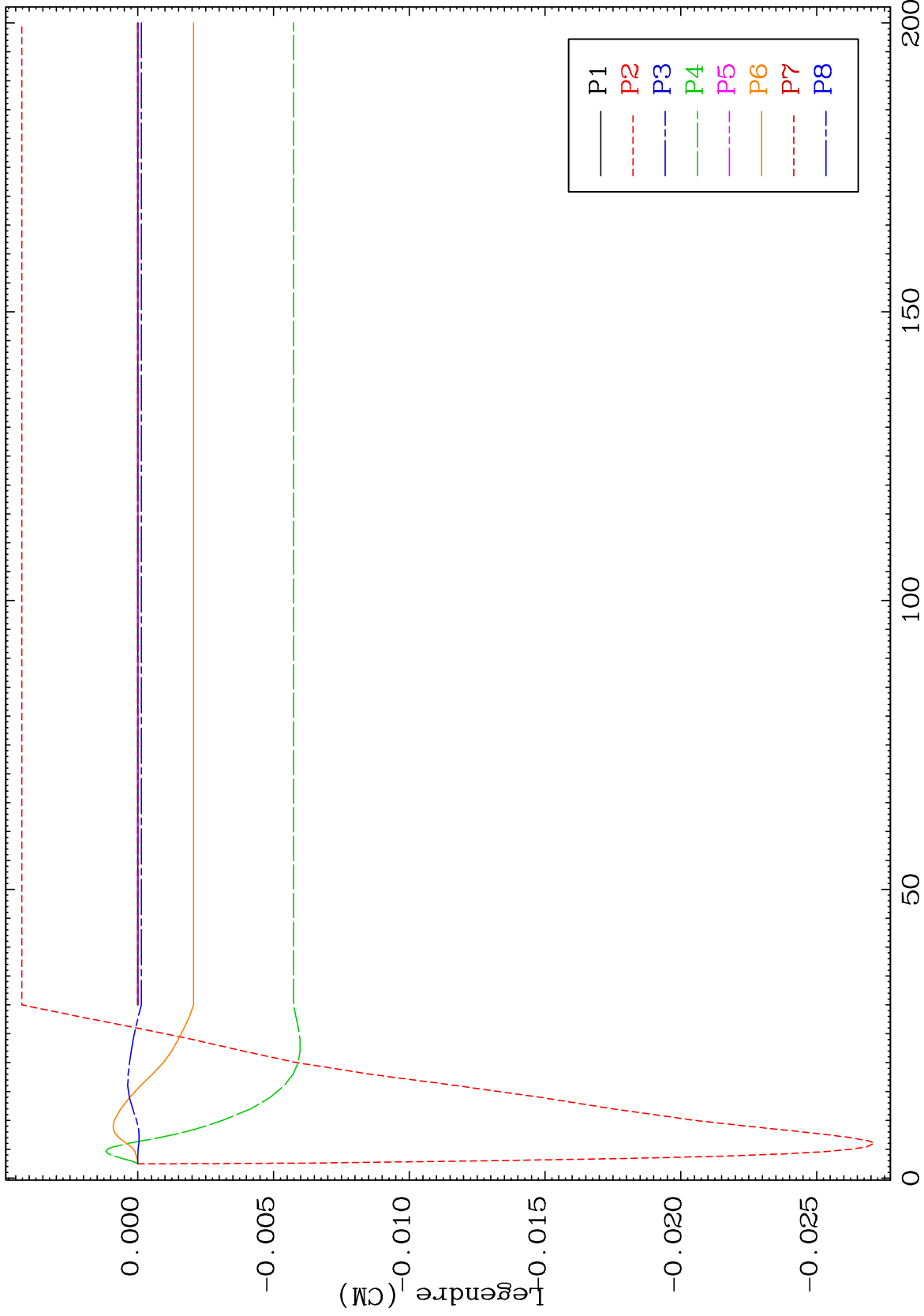
MT= 68 (n,n') Level
Legendre Coefficients

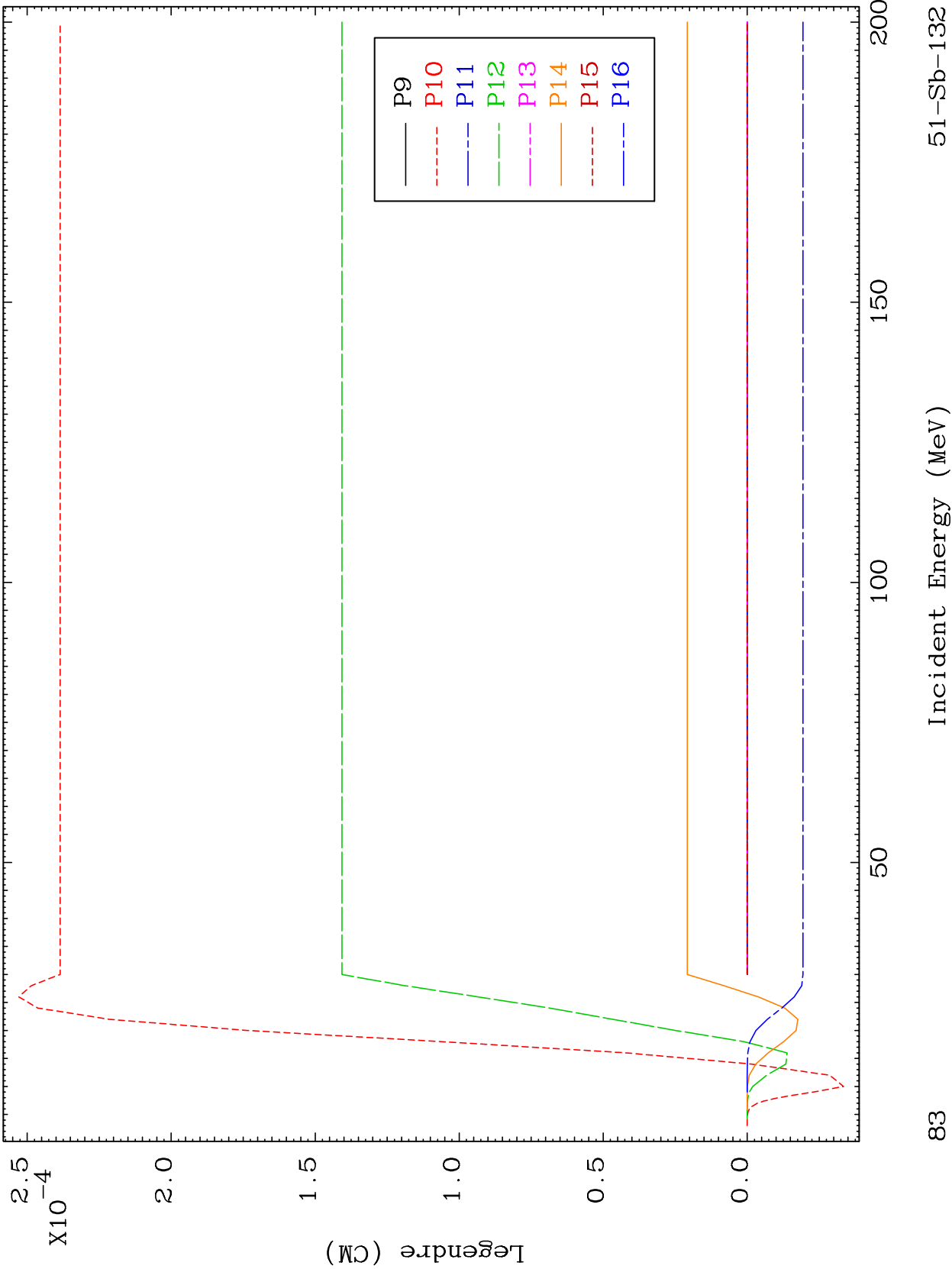
51-Sb-132



Legendre Coefficients



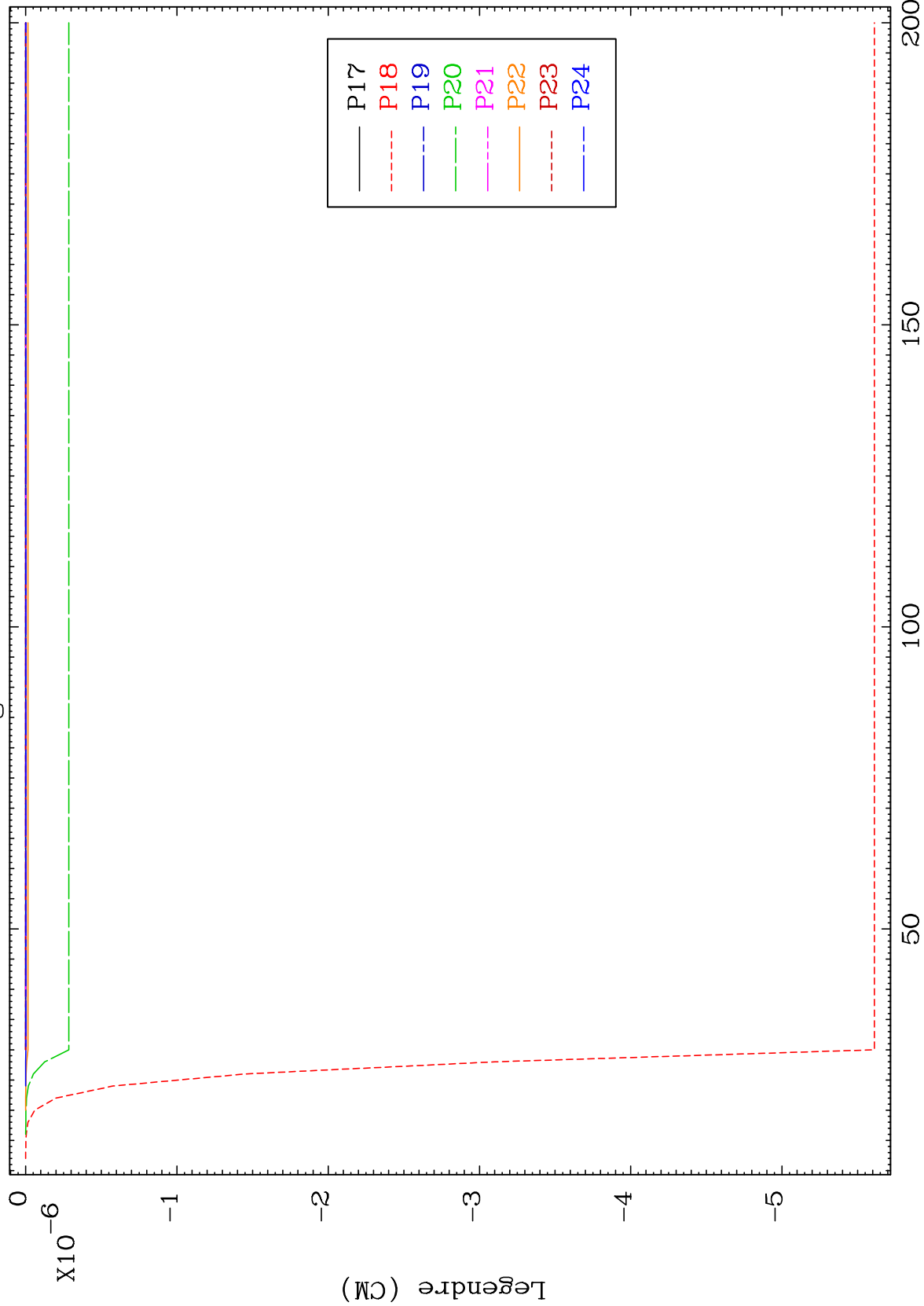




MAT 5158

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

51-Sb-132



84

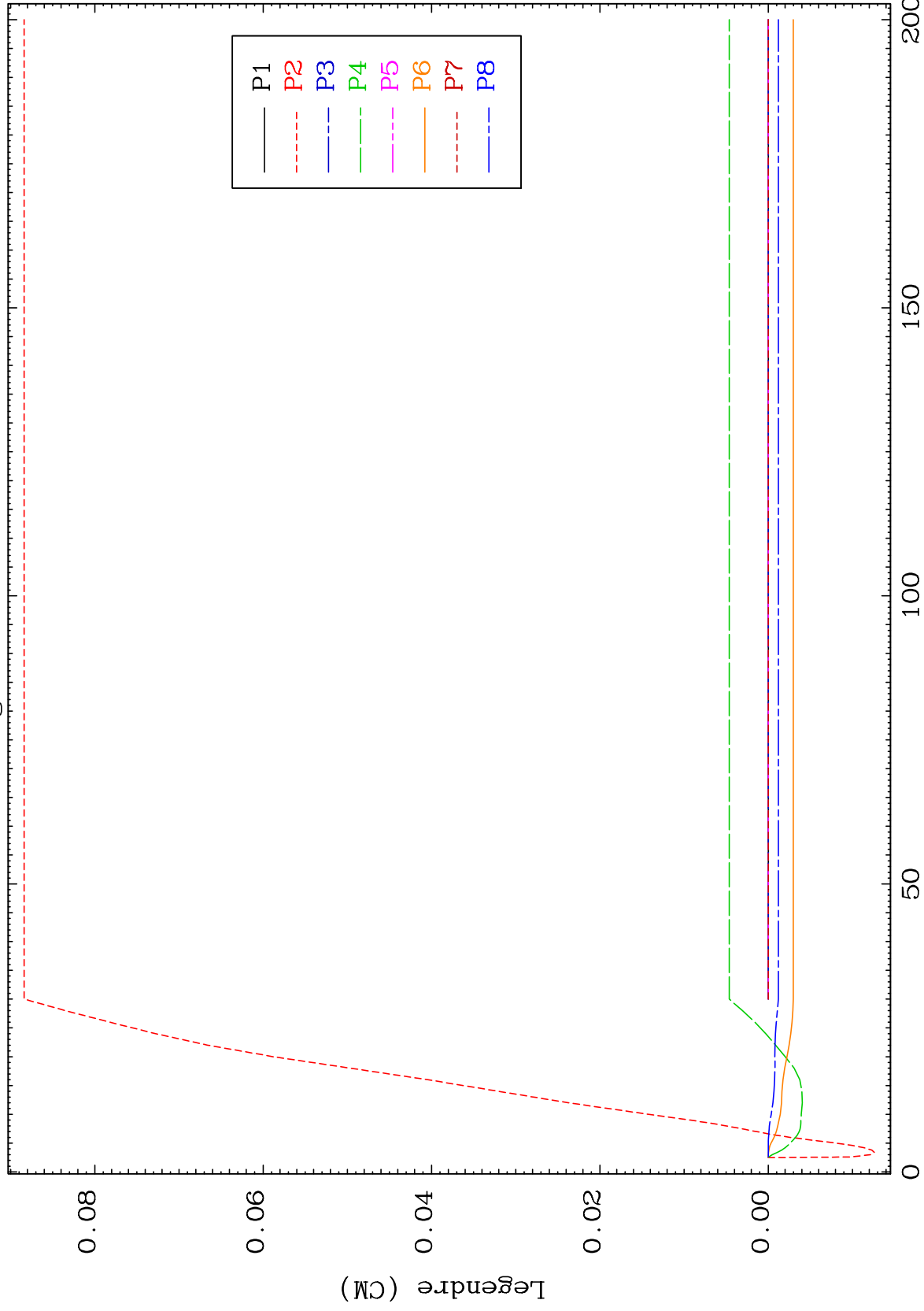
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

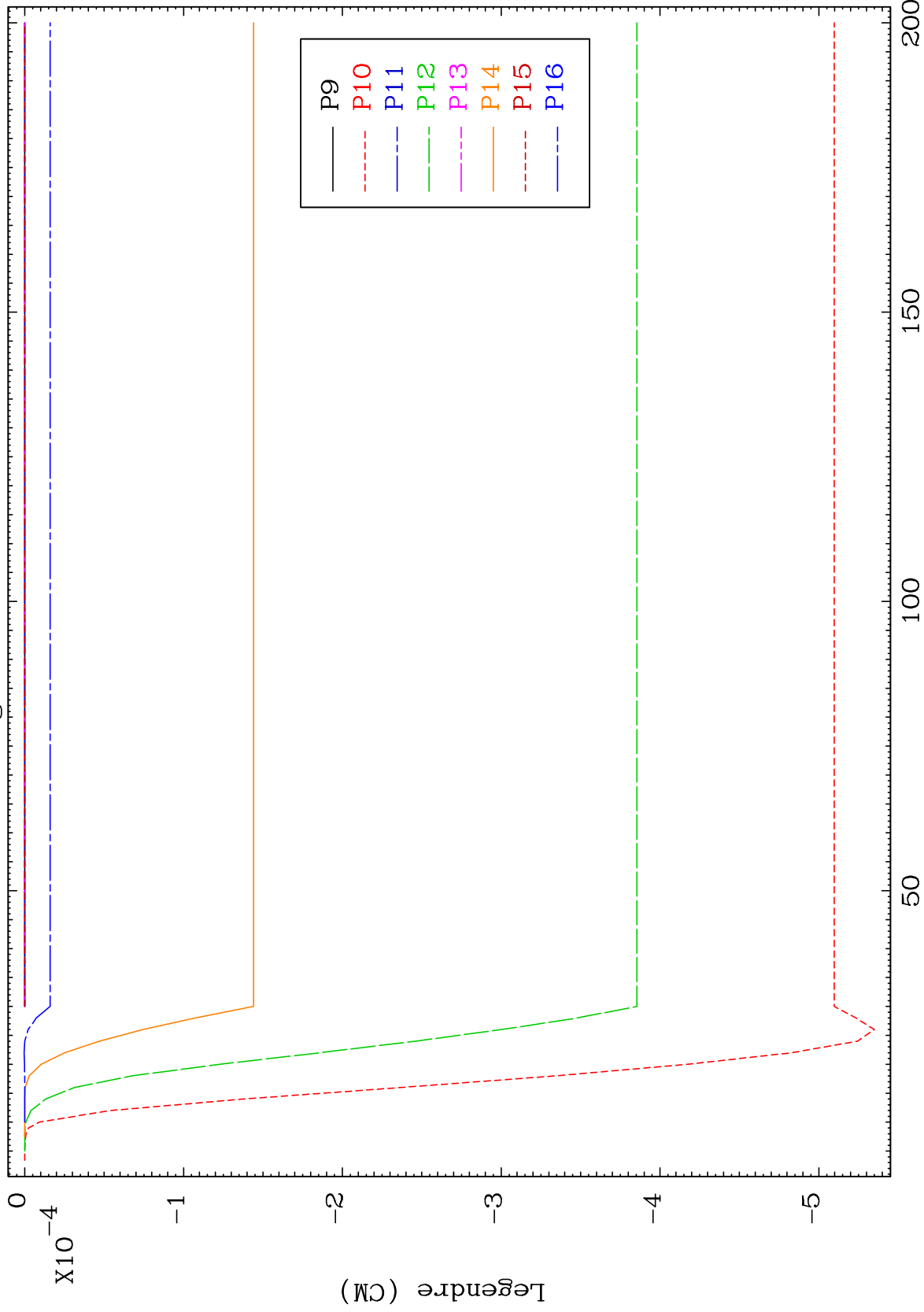
51-Sb-132



51-Sb-132

Incident Energy (MeV)

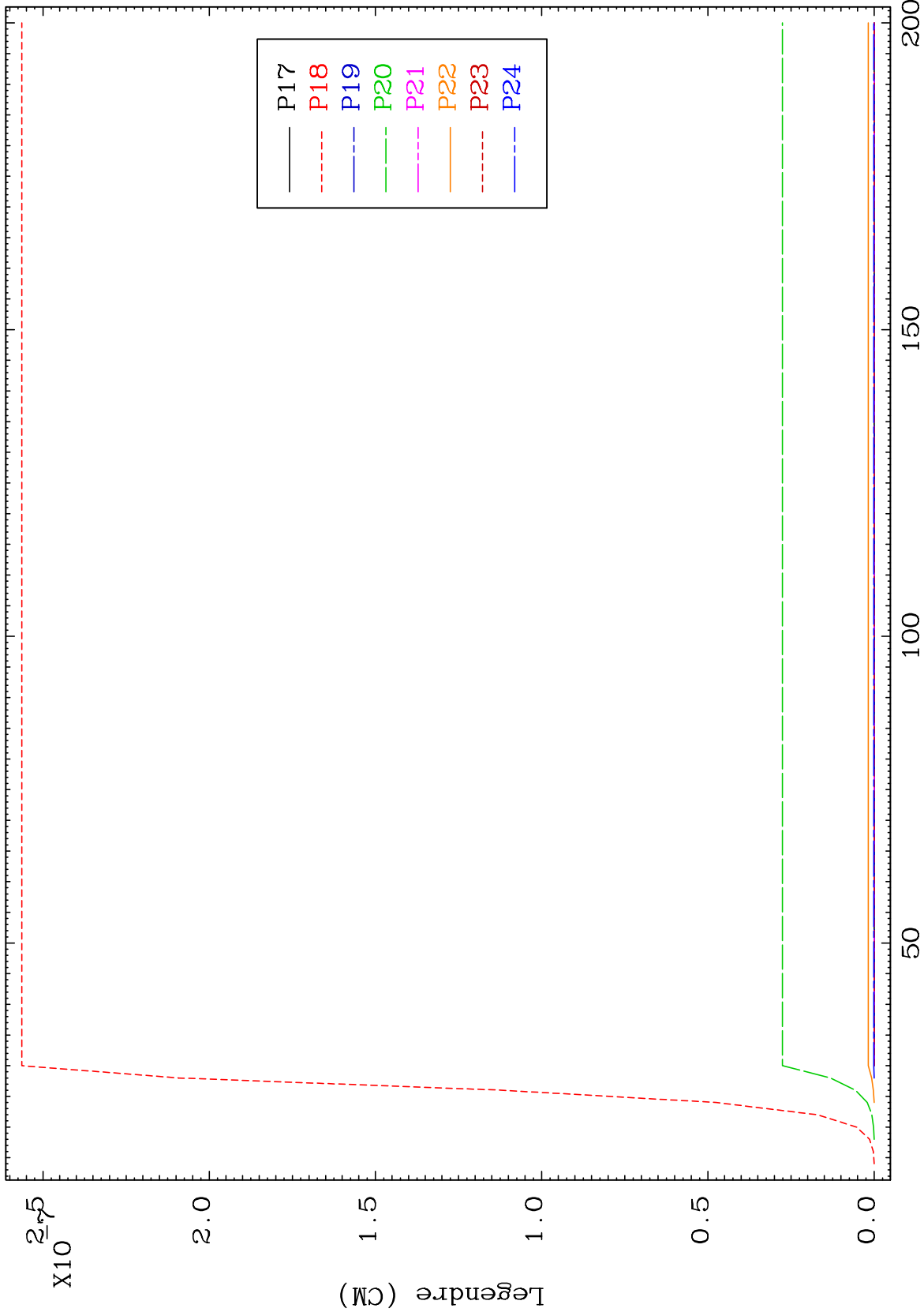
85



MAT 5158

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

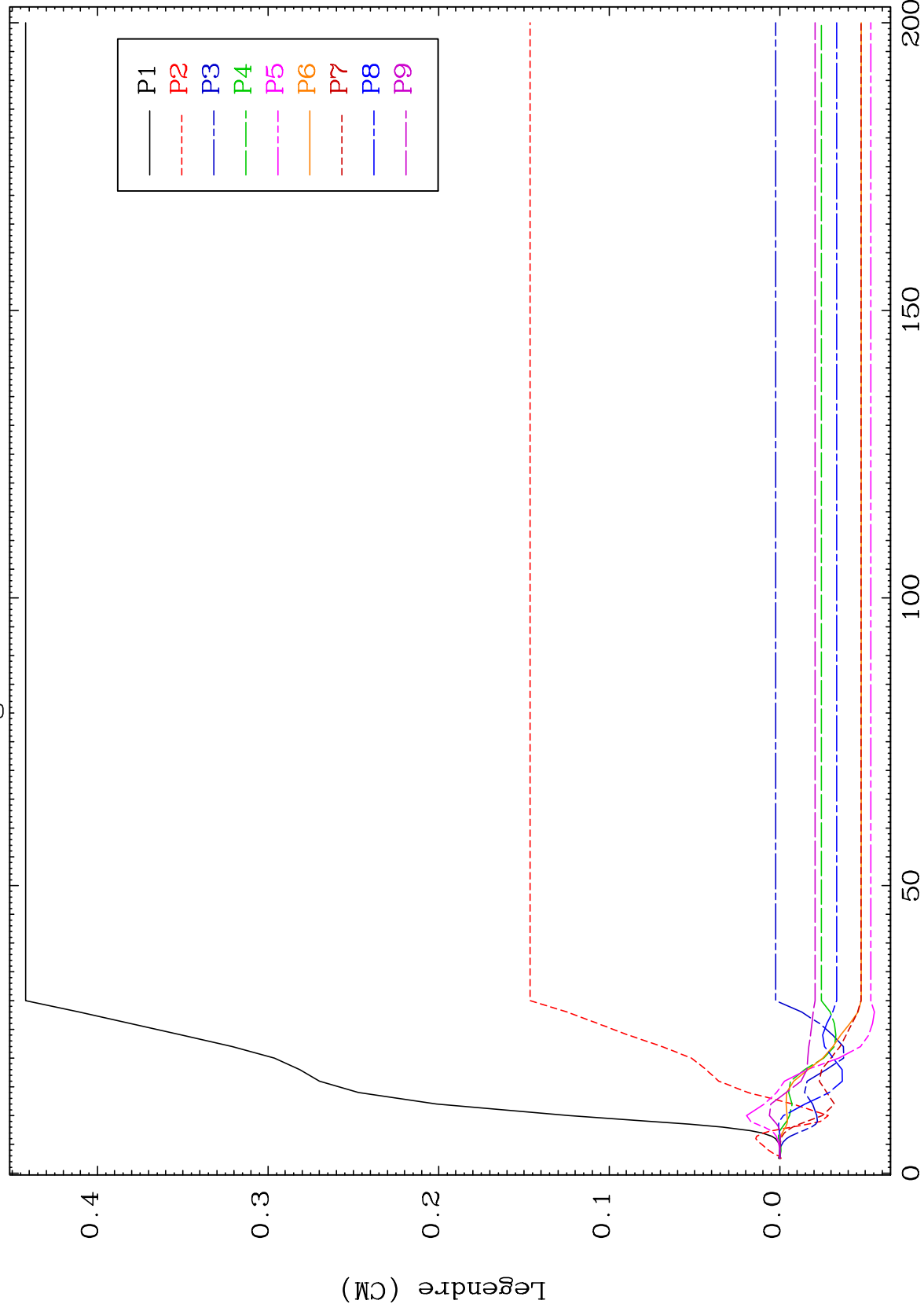
51-Sb-132



87

Incident Energy (MeV)

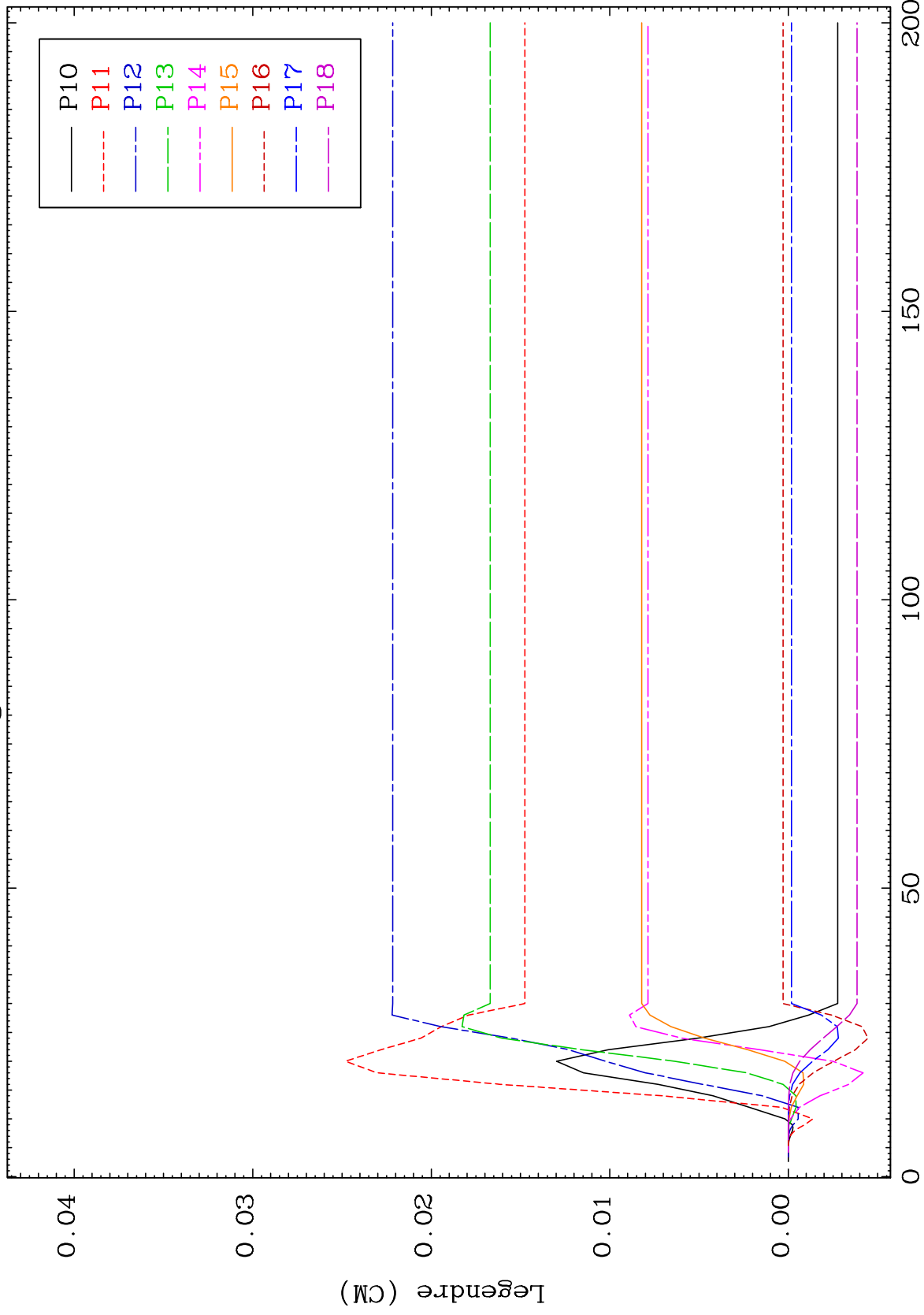
51-Sb-132



MAT 5158

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

51-Sb-132



89

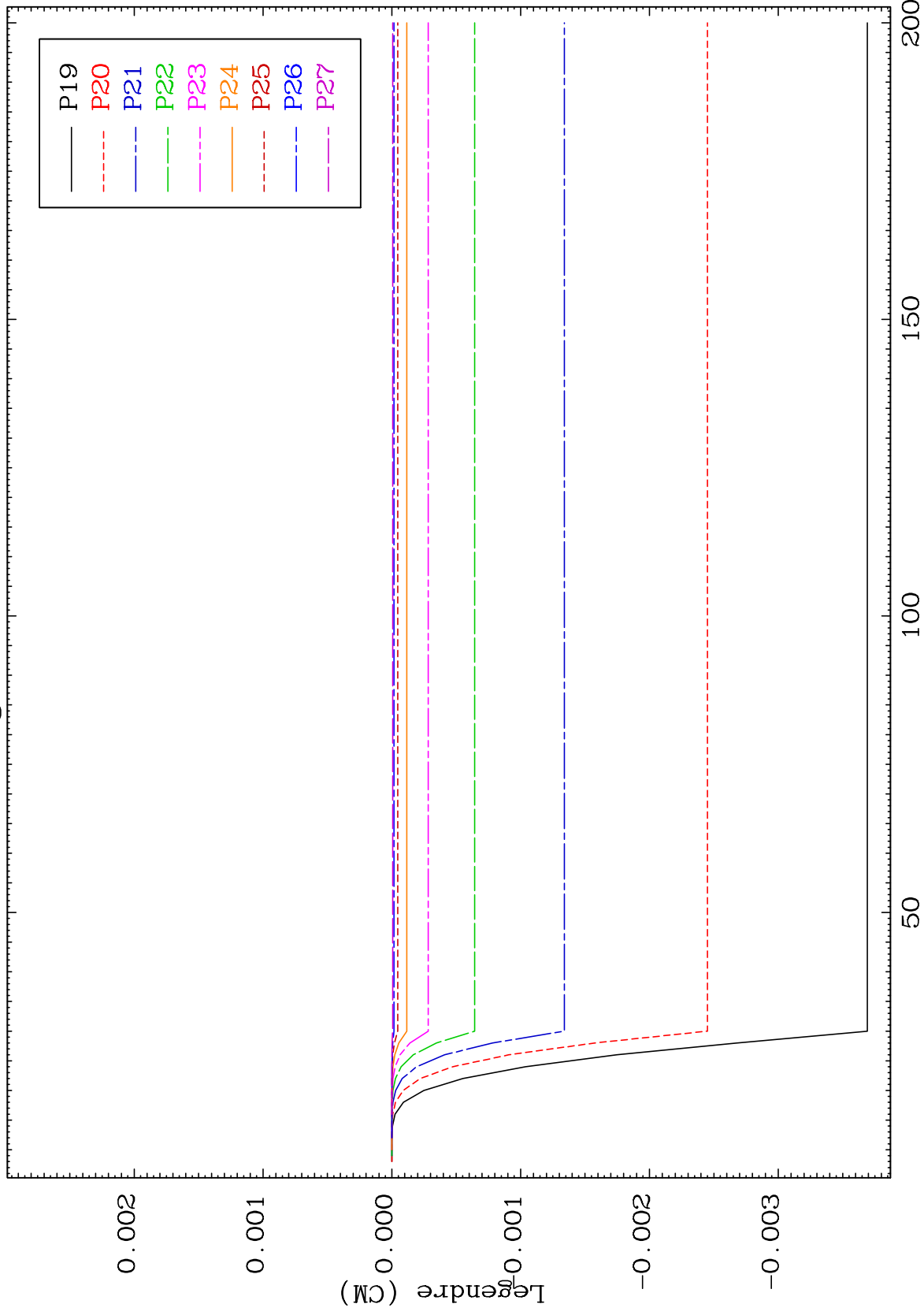
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



90

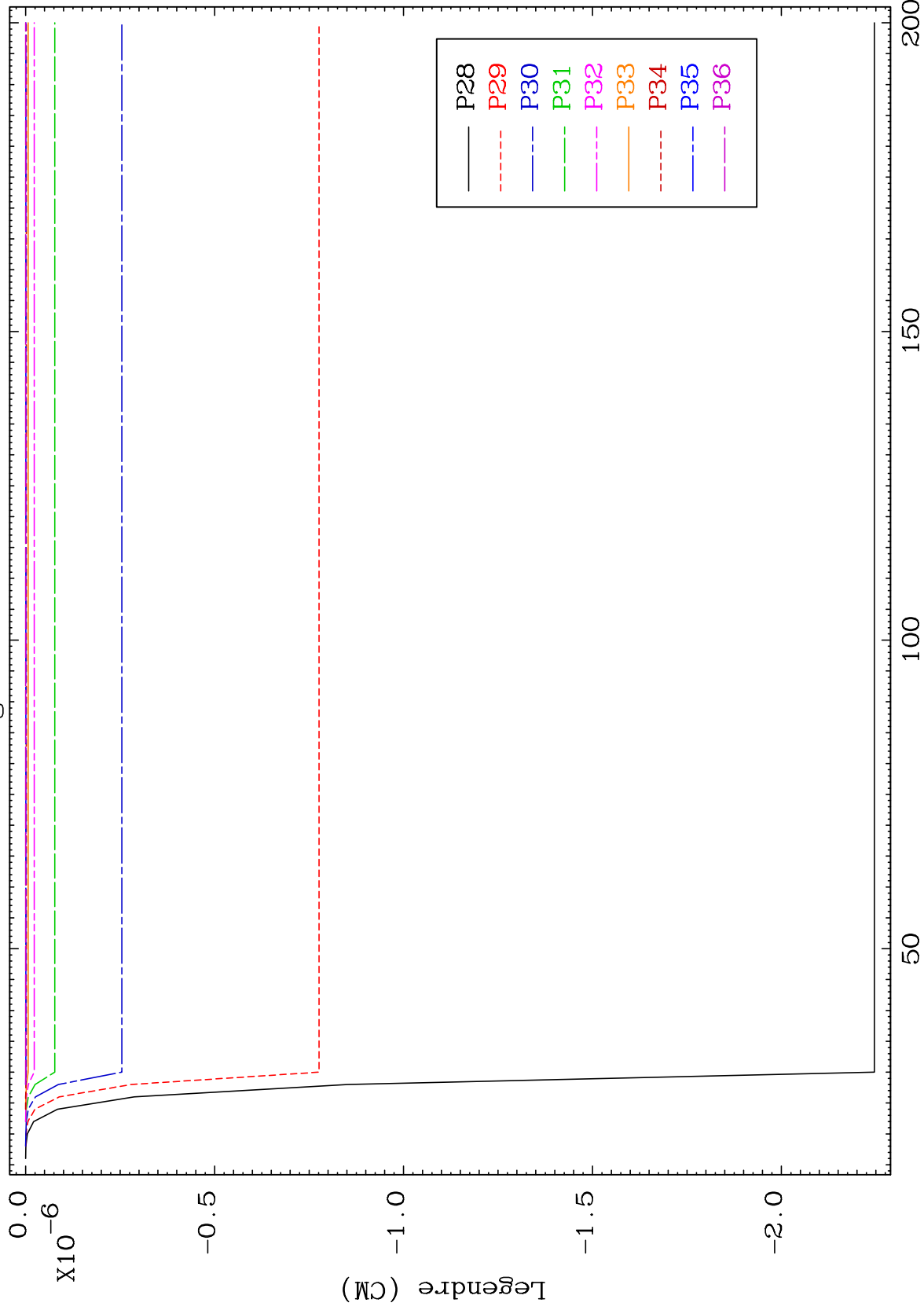
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

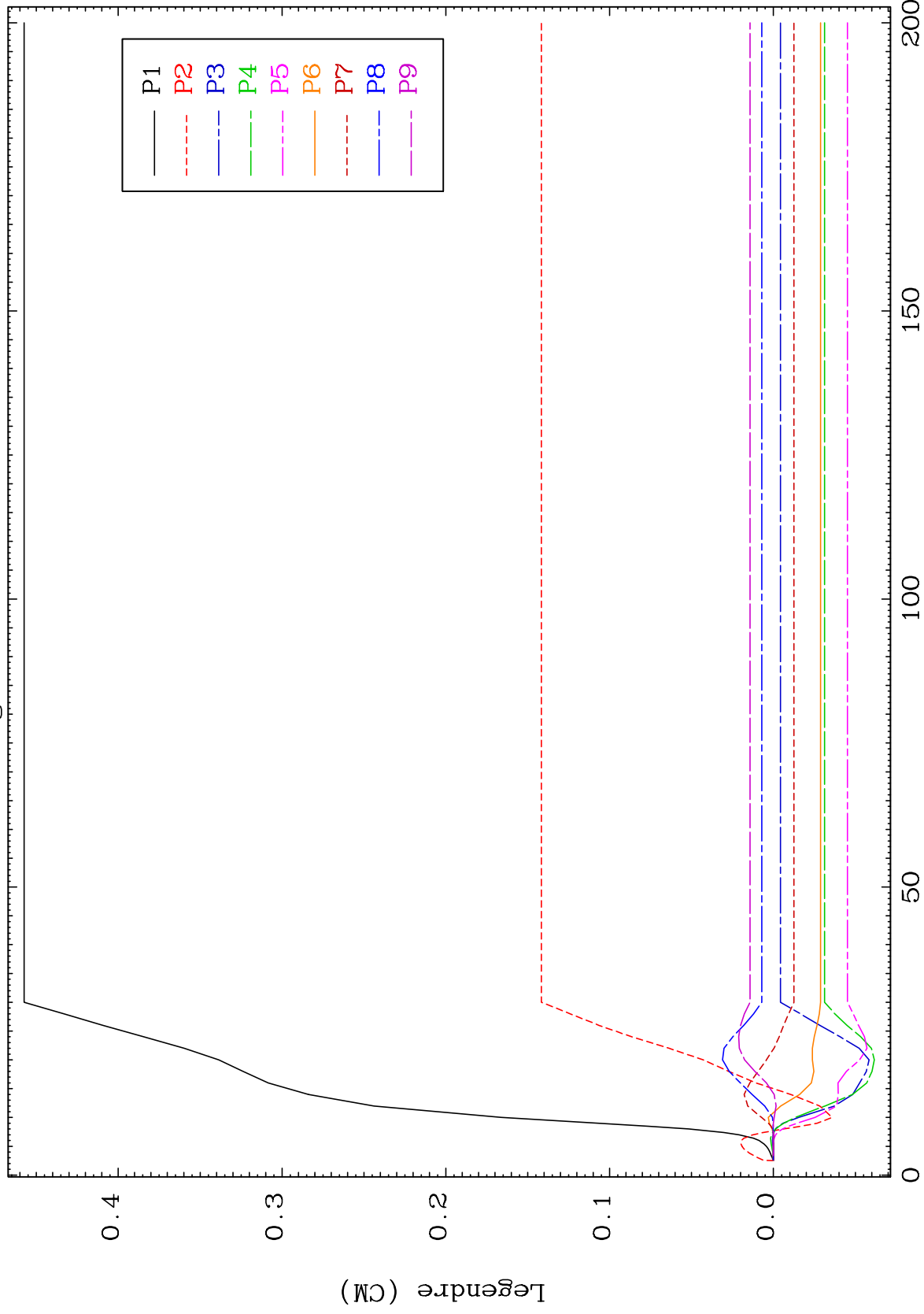
51-Sb-132



MAT 5158

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

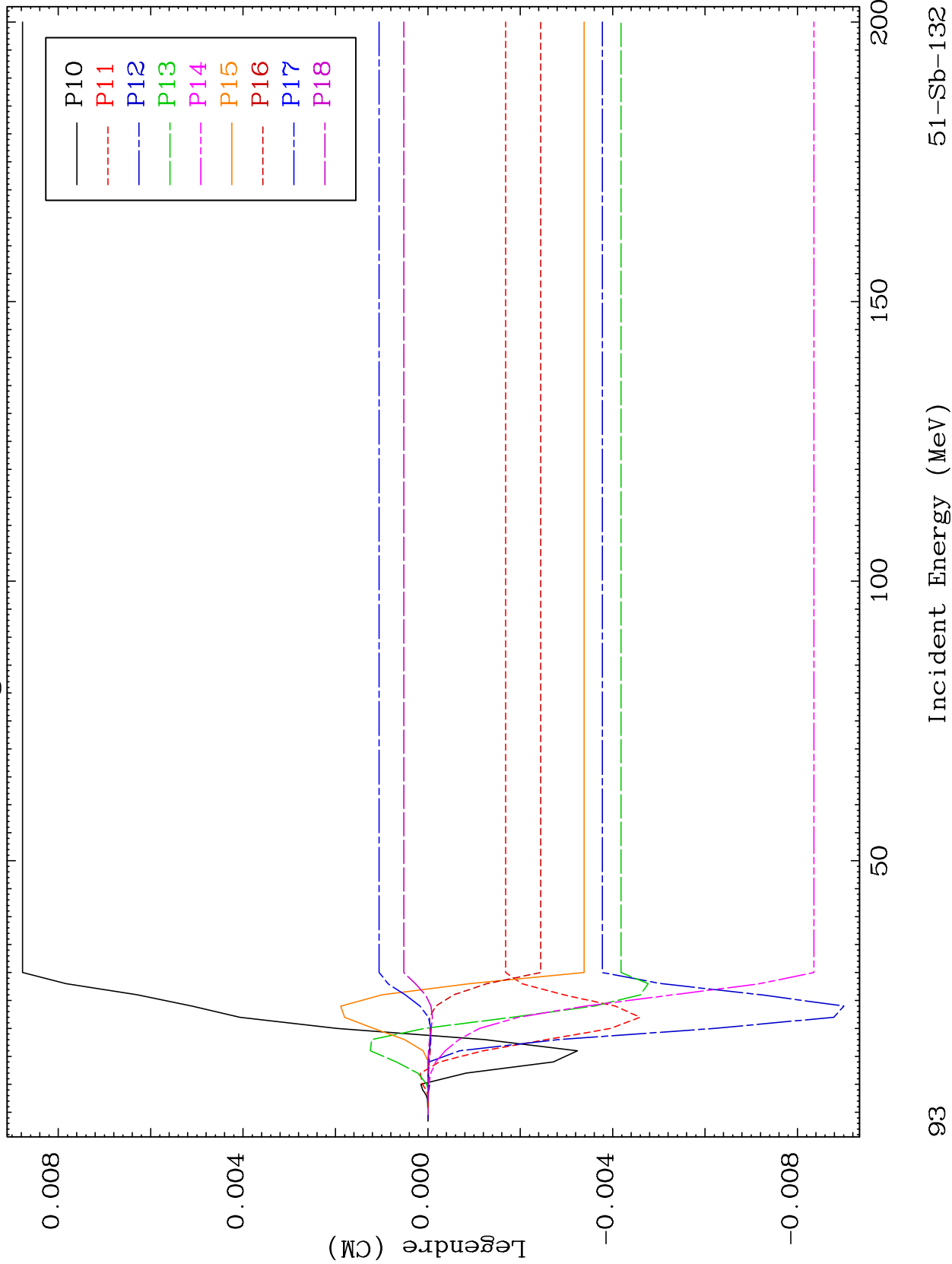
51-Sb-132

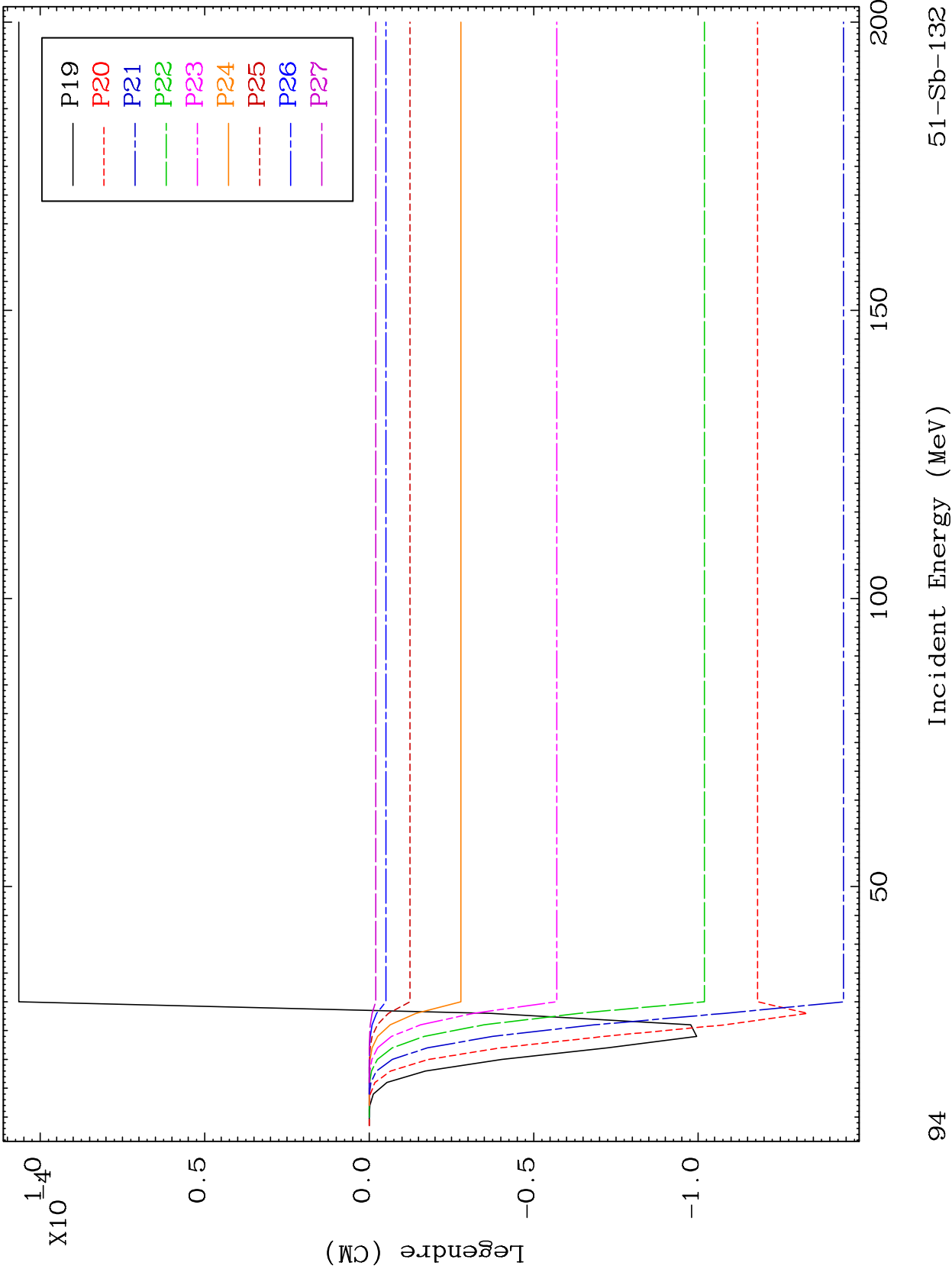


92

Incident Energy (MeV)

51-Sb-132



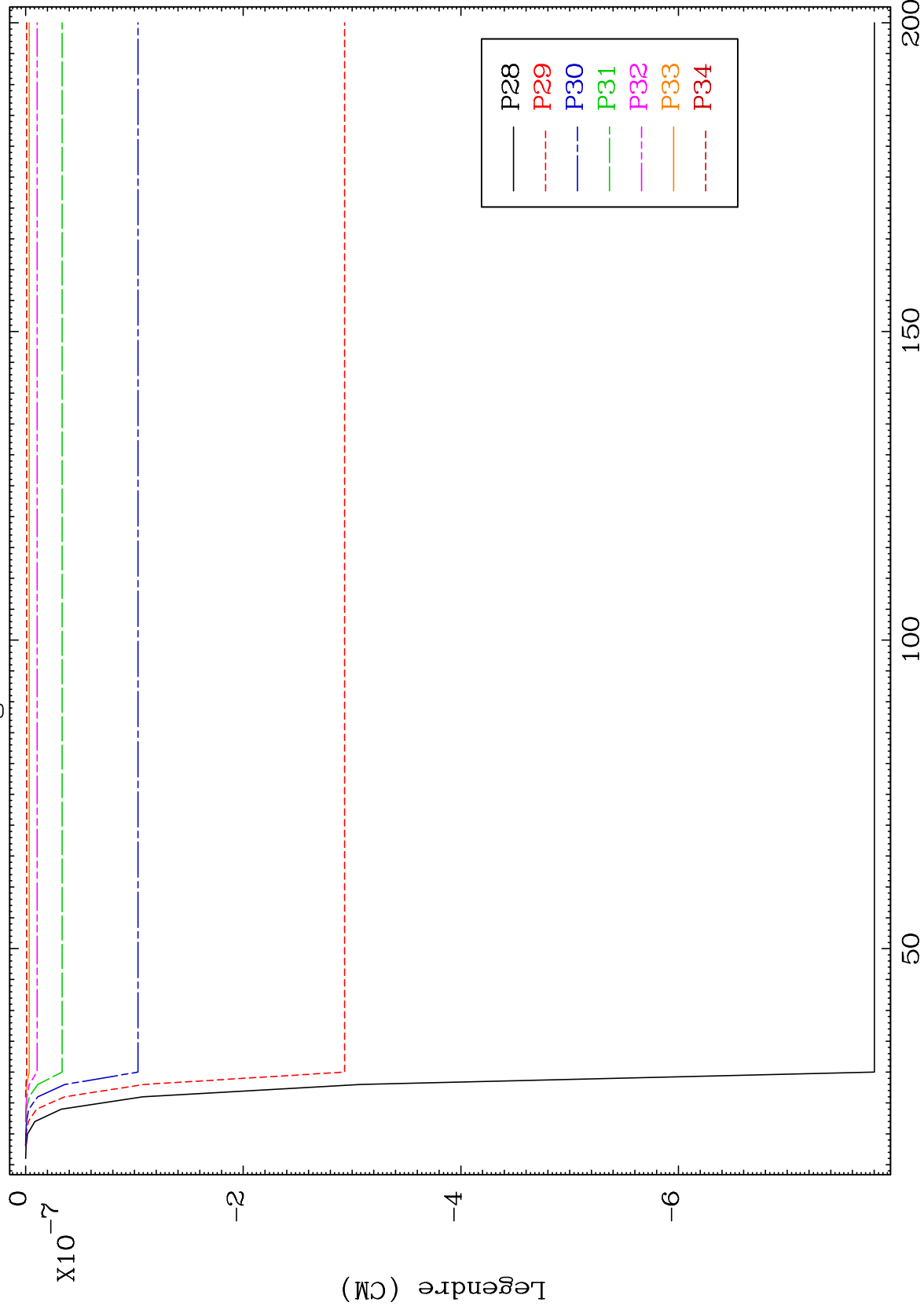


MAT 5158

MT= 72 (n,n') Level

51-Sb-132

Legendre Coefficients



95

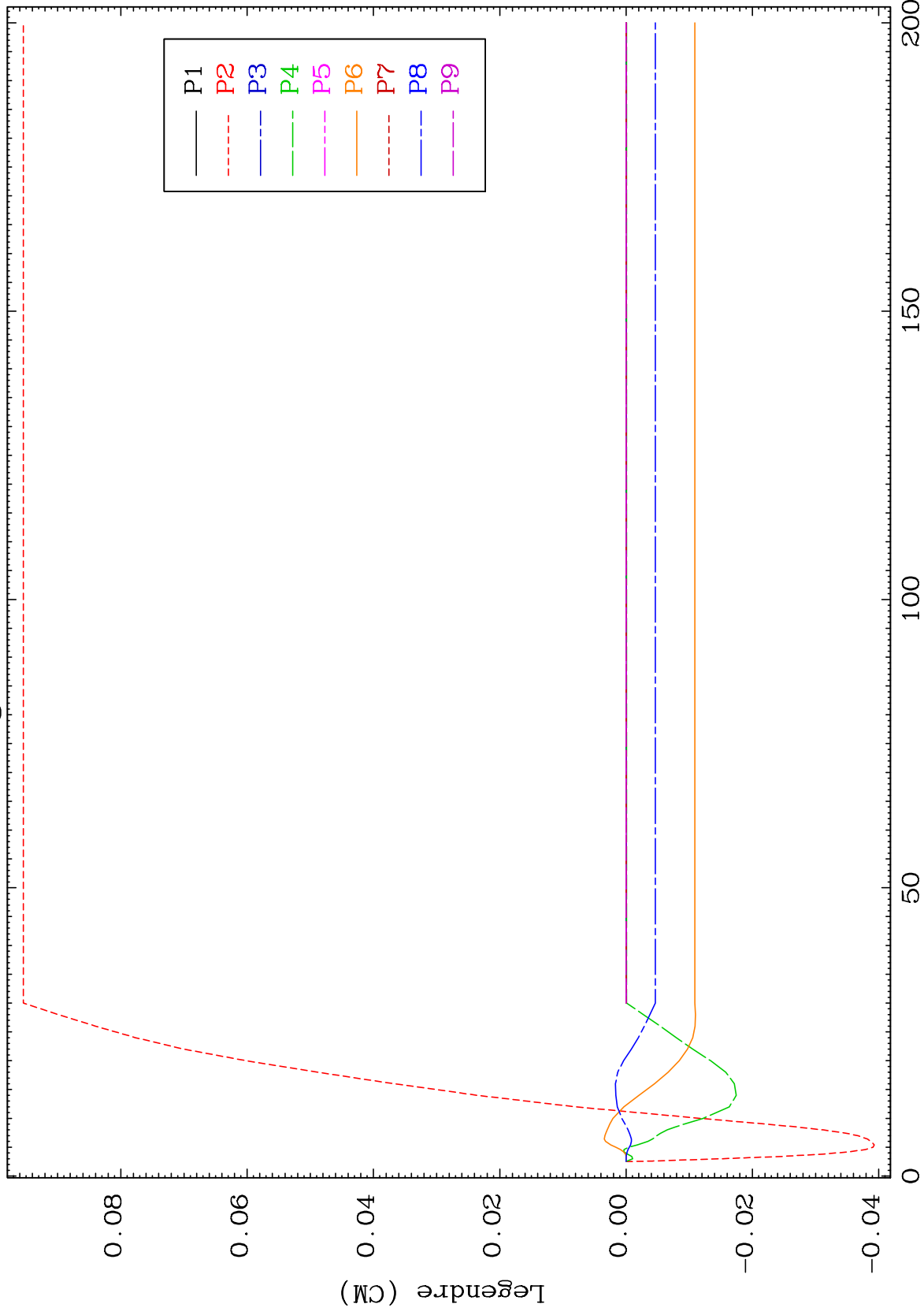
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

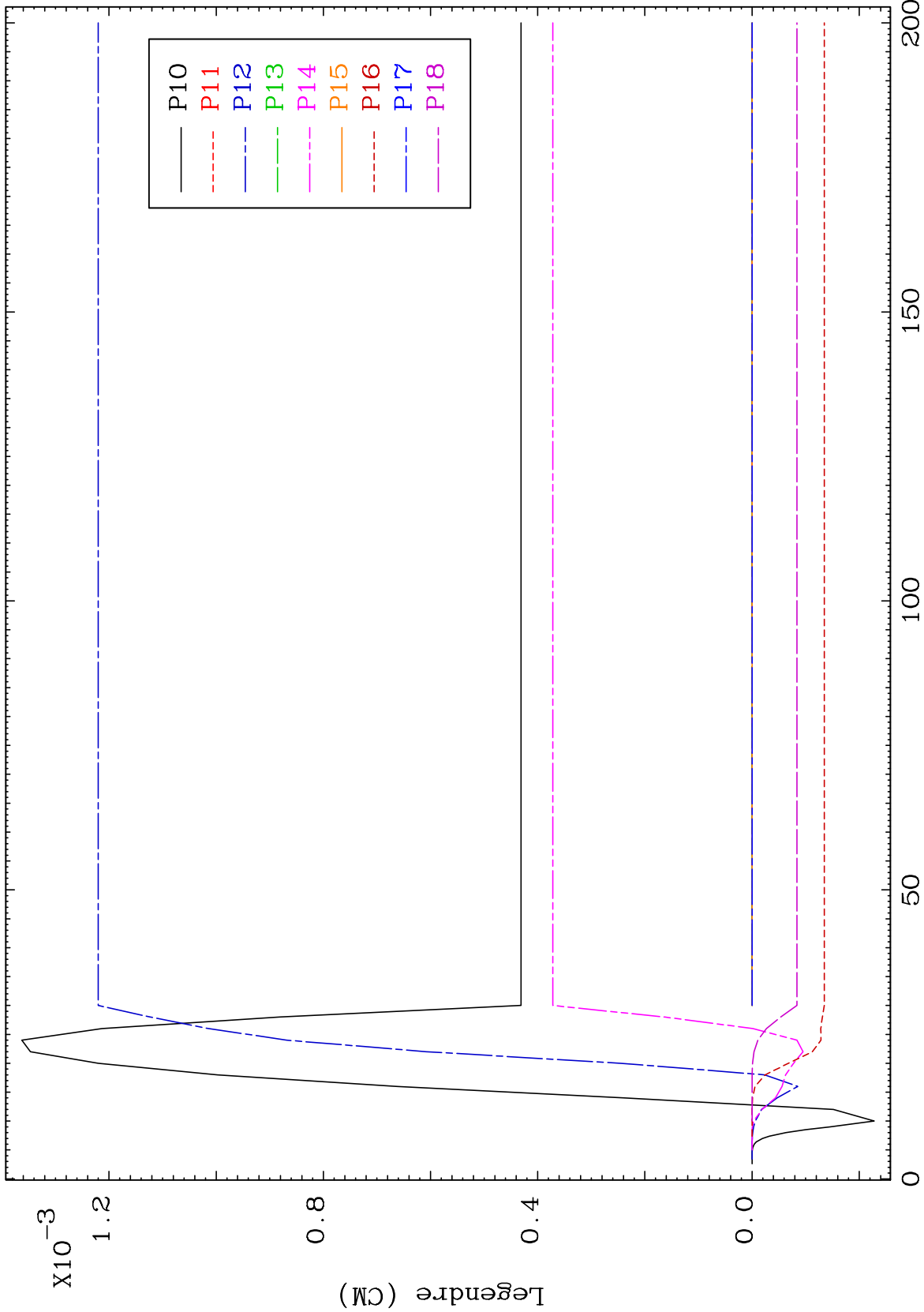
51-Sb-132



96

Incident Energy (MeV)

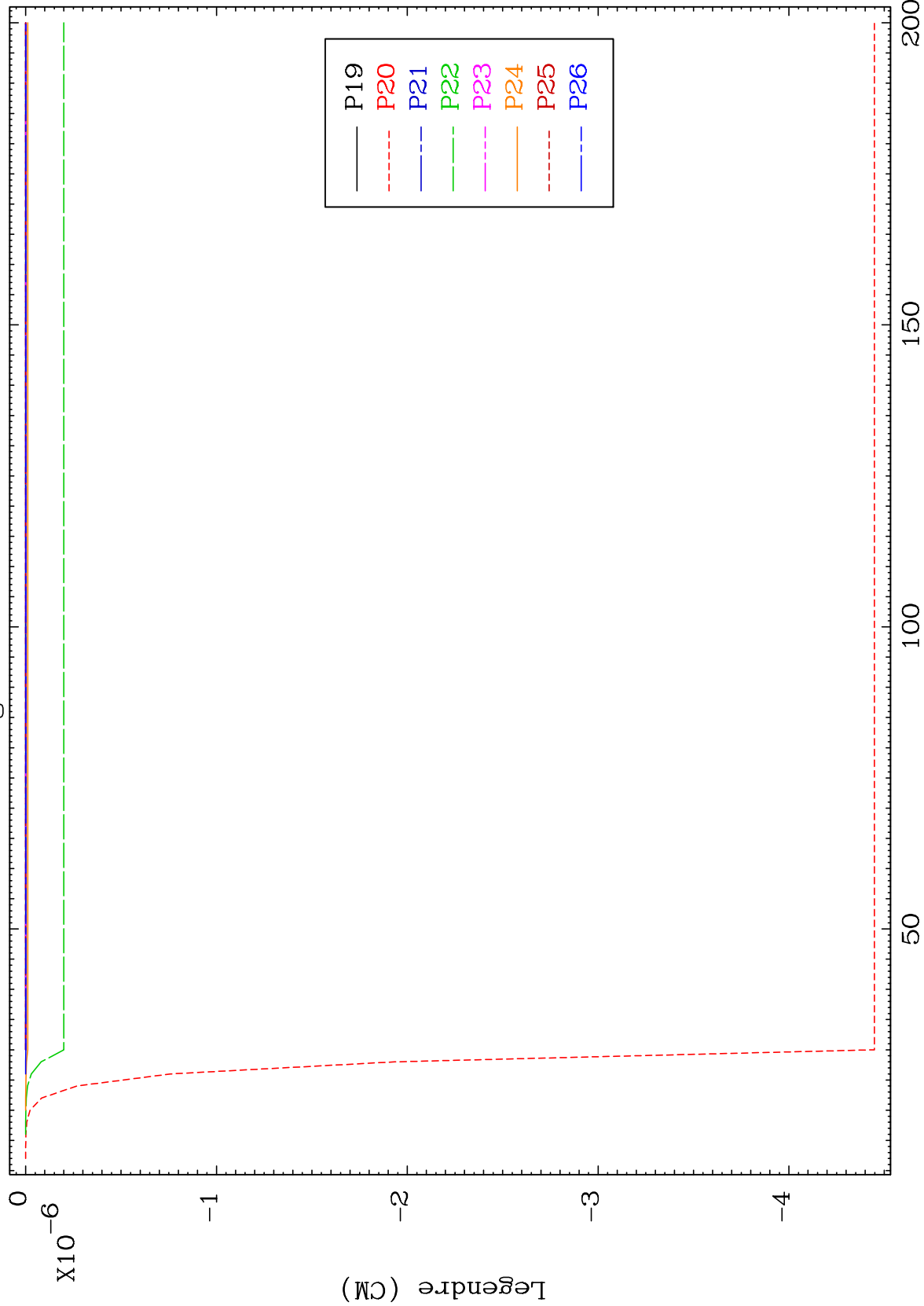
51-Sb-132



MAT 5158

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

51-Sb-132



51-Sb-132

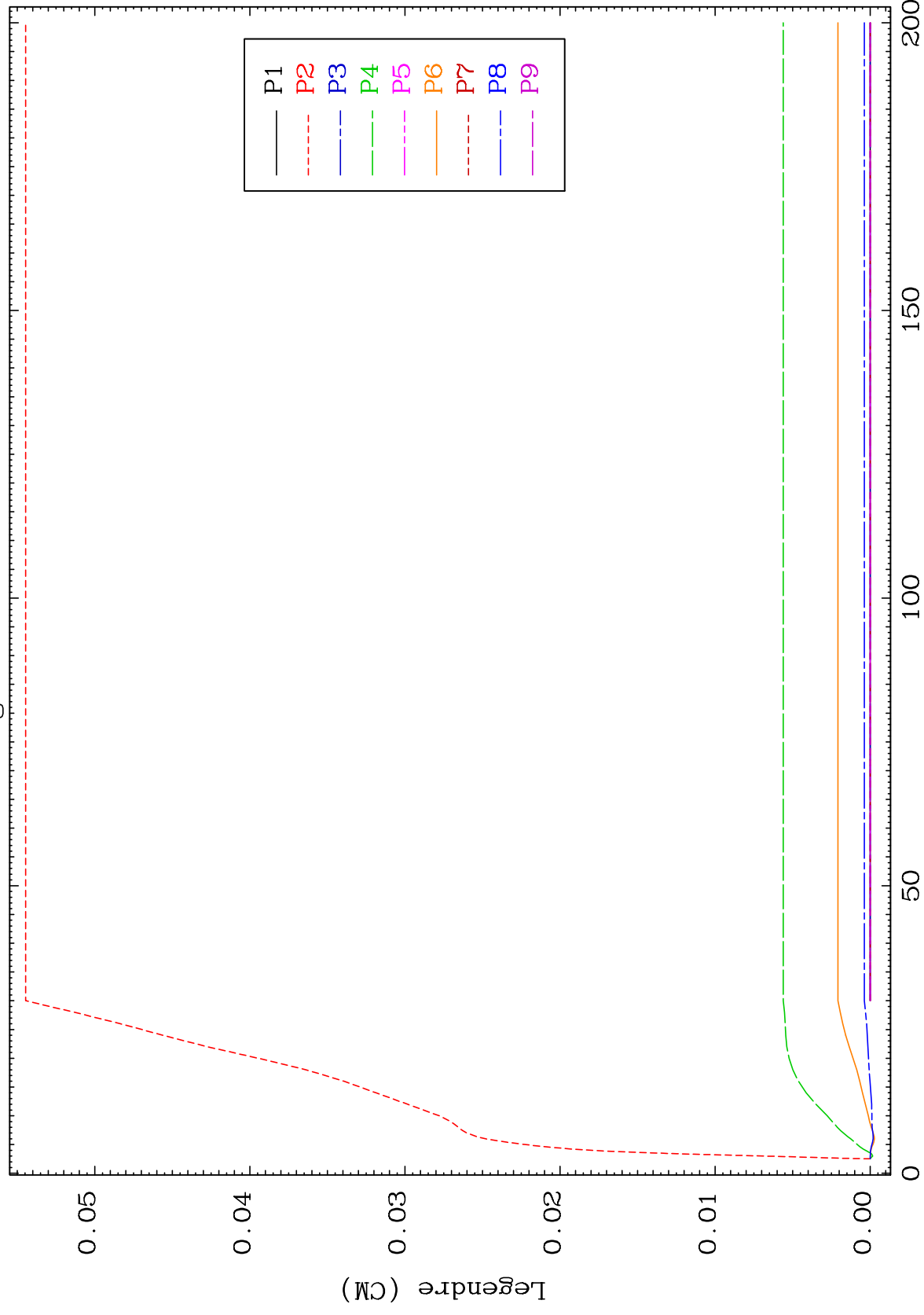
Incident Energy (MeV)

98

MAT 5158

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

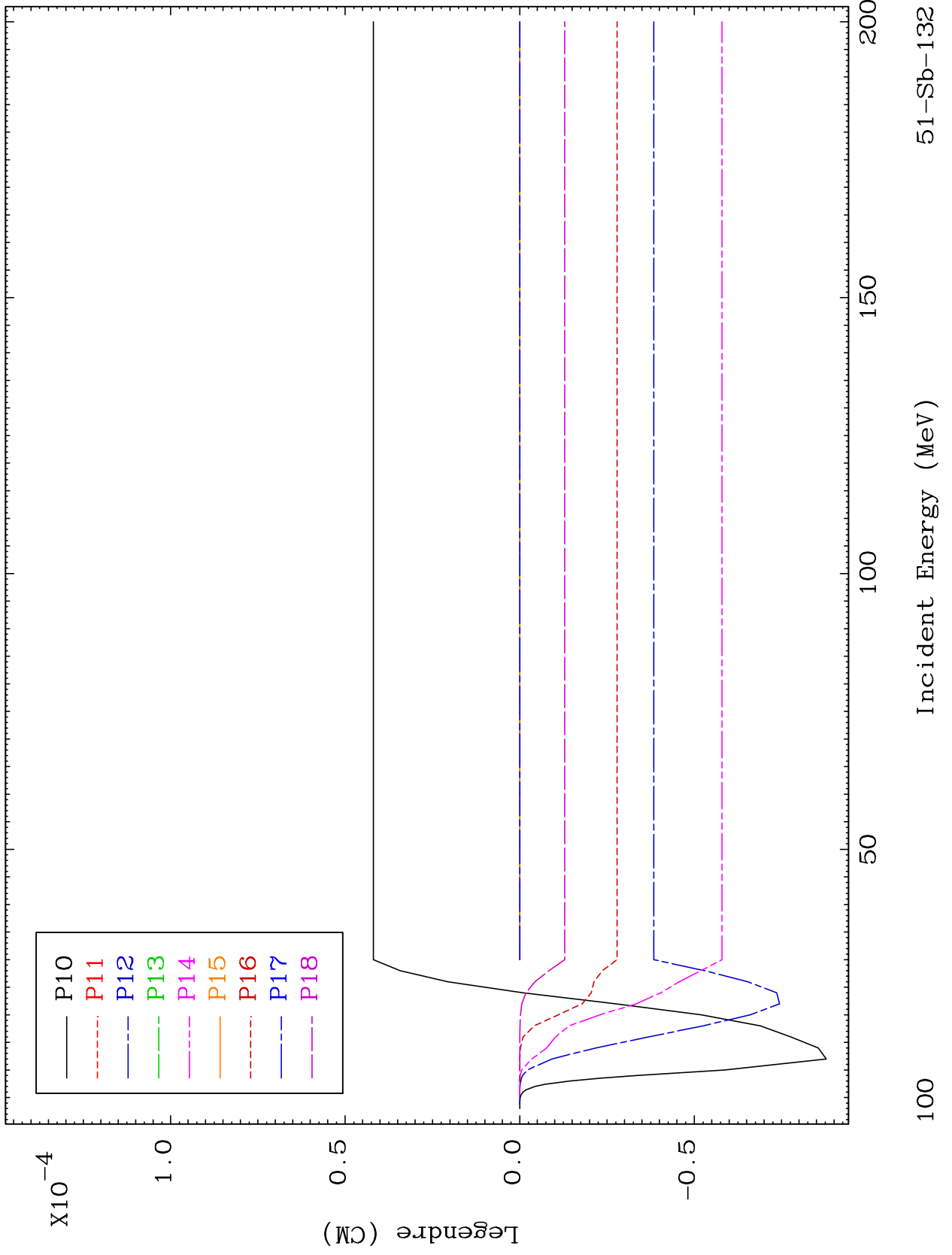
51-Sb-132



99

Incident Energy (MeV)

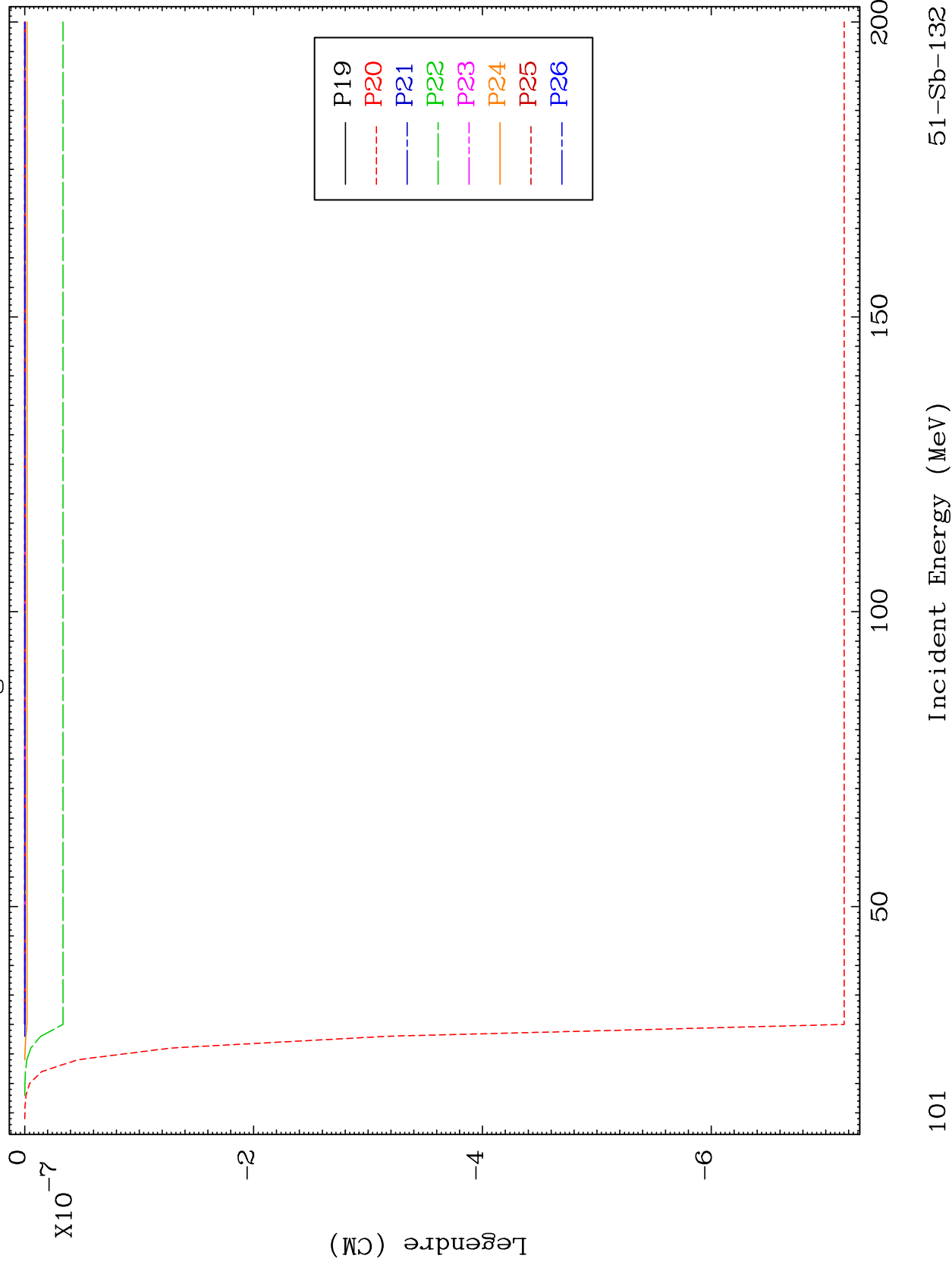
51-Sb-132



MAT 5158

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

51-Sb-132



101

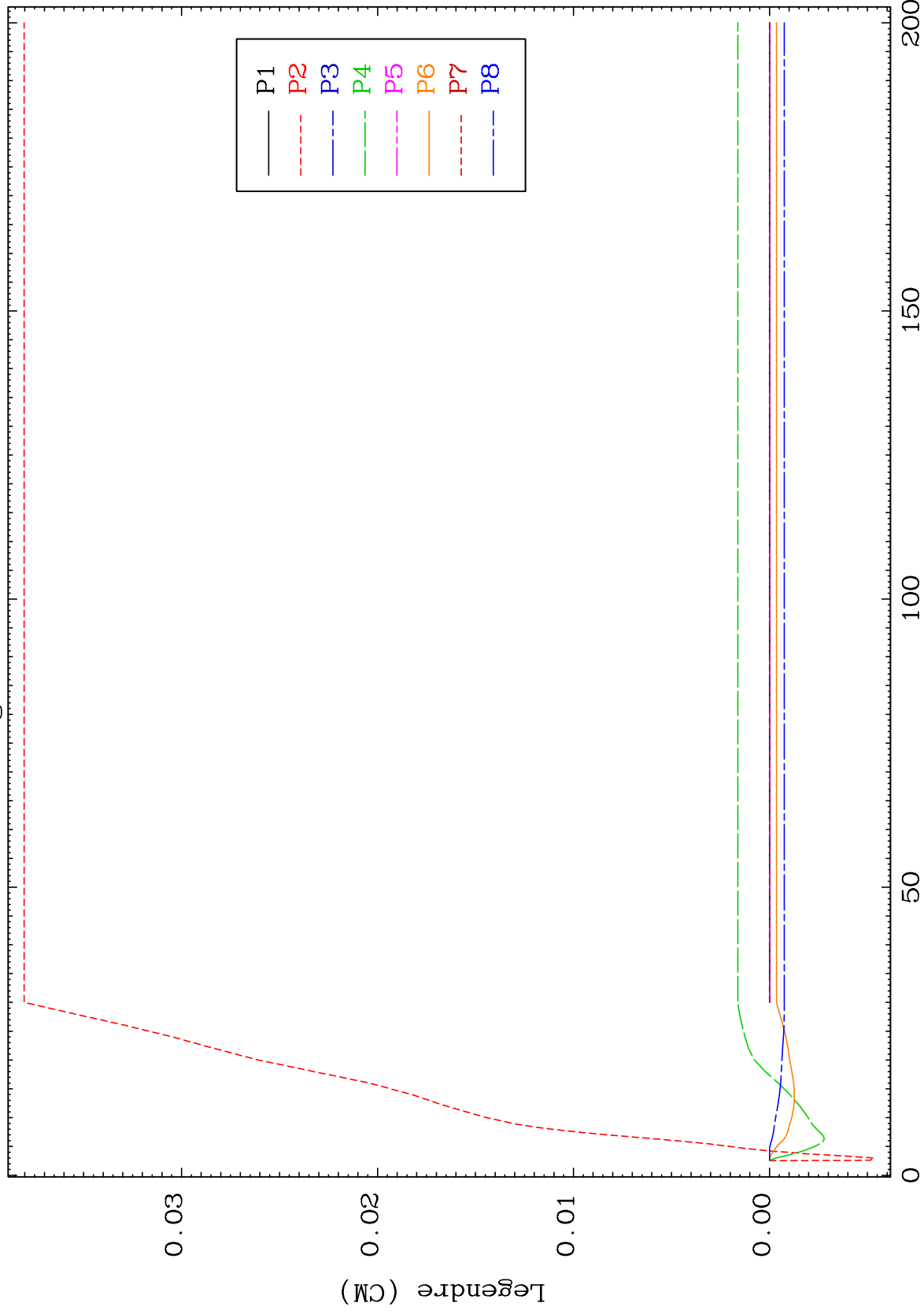
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



51-Sb-132

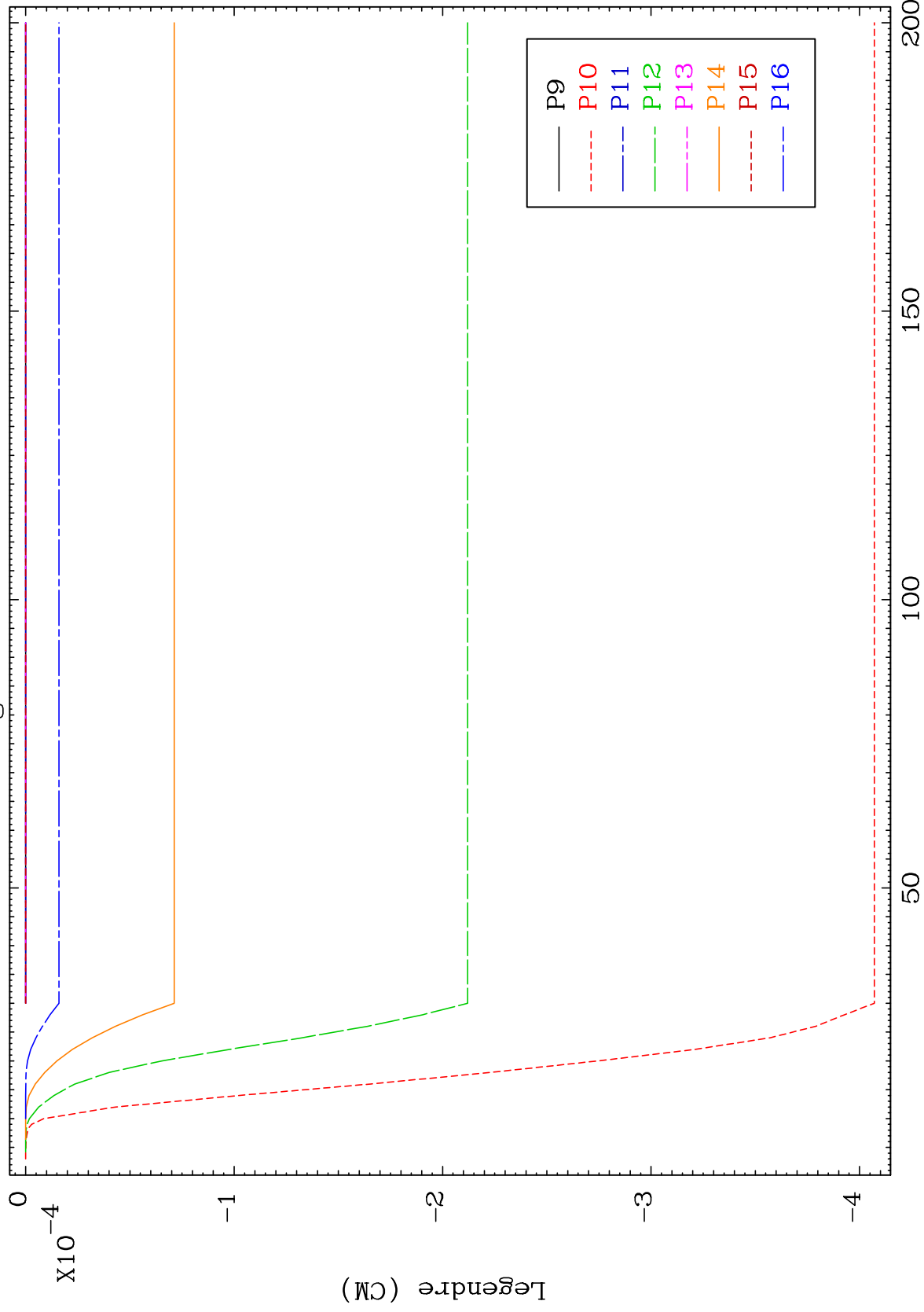
Incident Energy (MeV)

102

MAT 5158

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

51-Sb-132



103

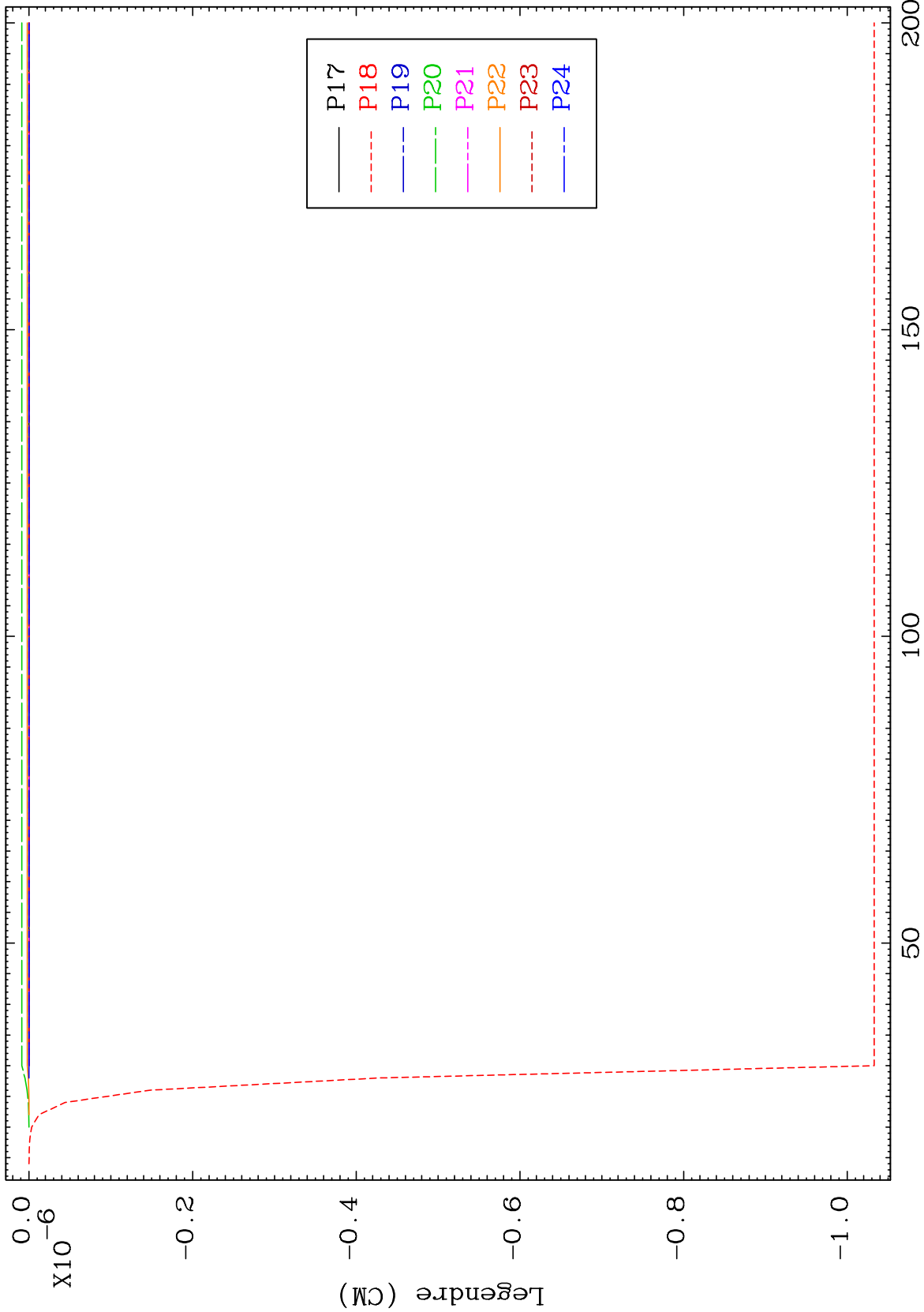
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

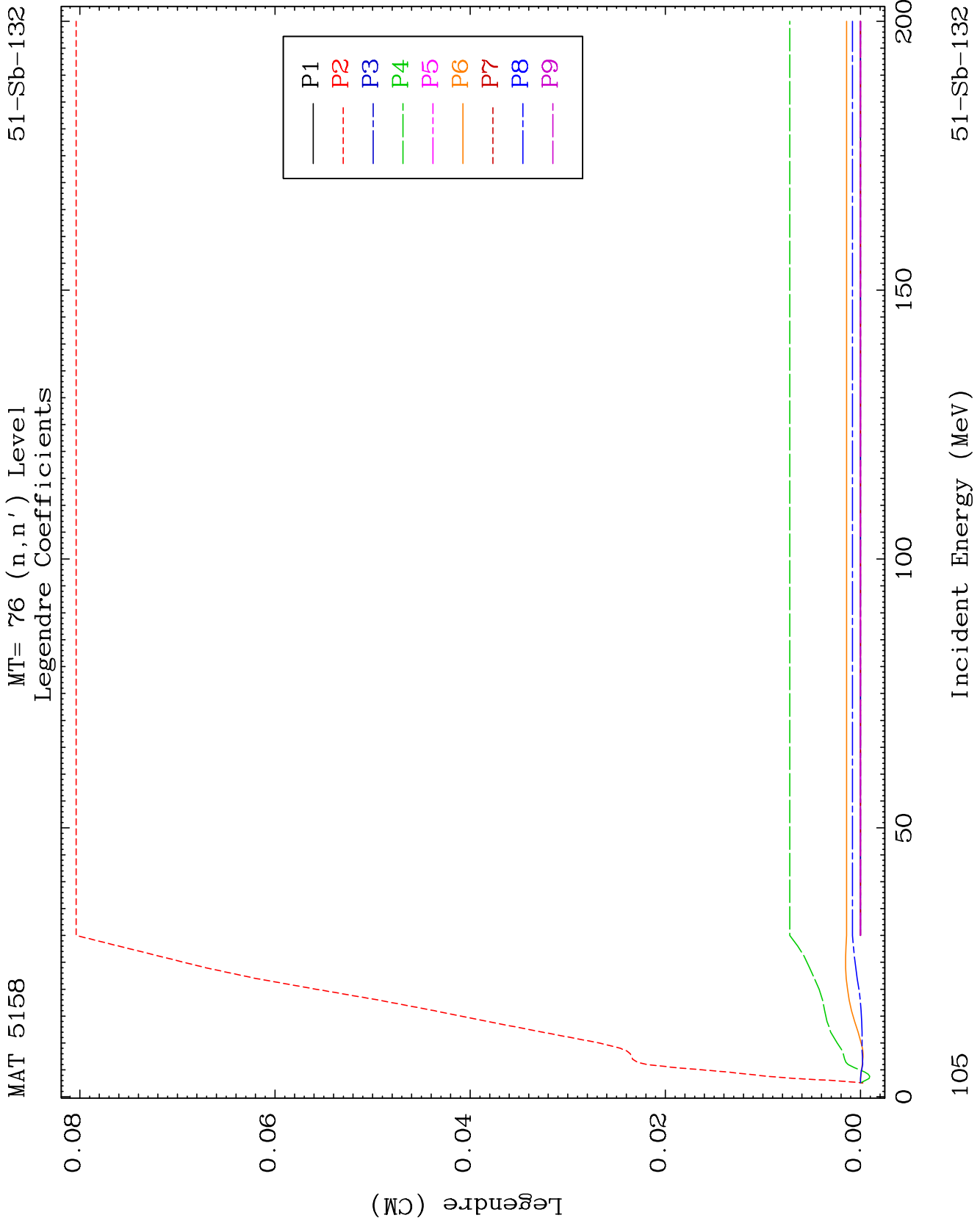
51-Sb-132

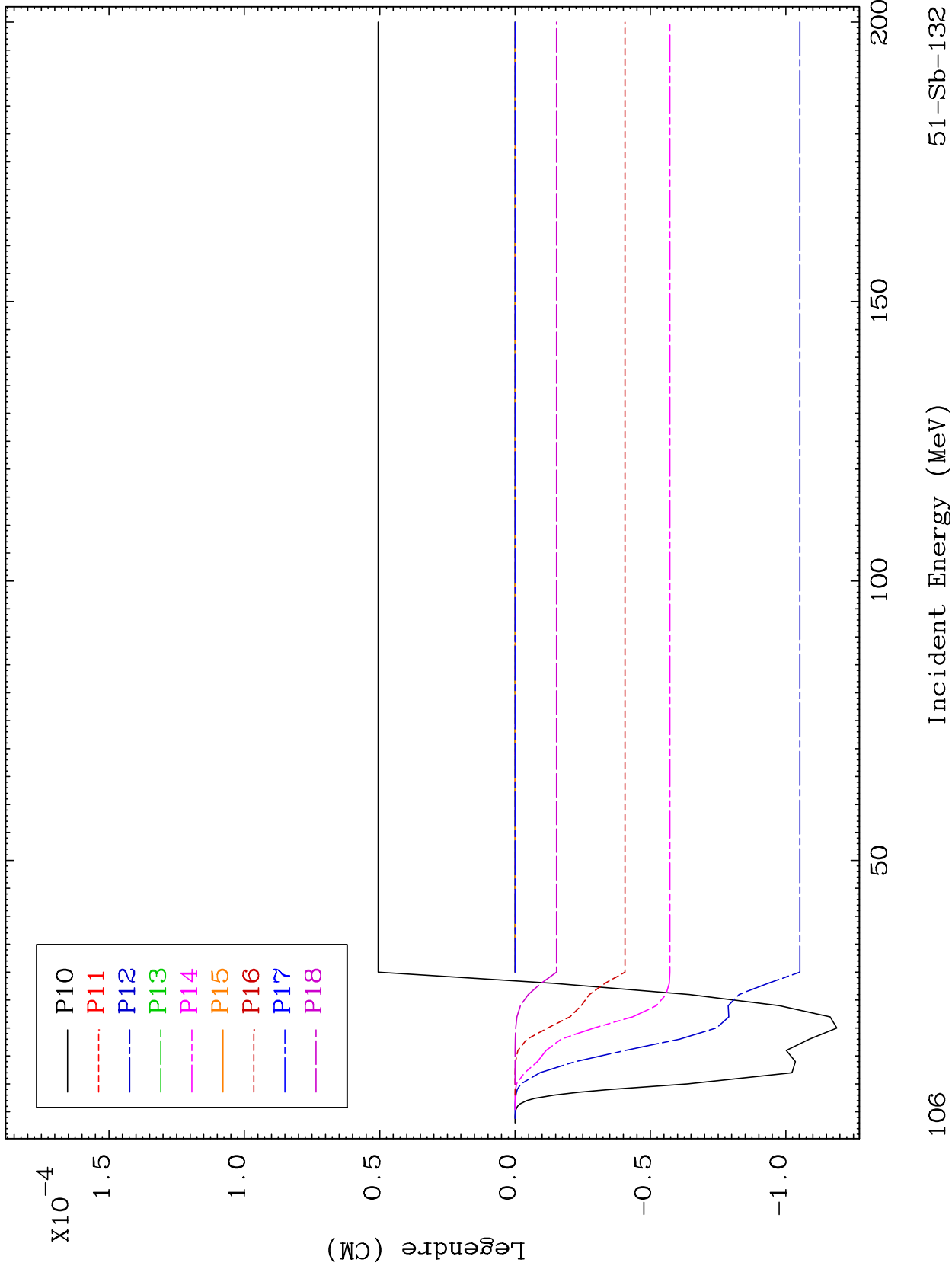


104

Incident Energy (MeV)

51-Sb-132

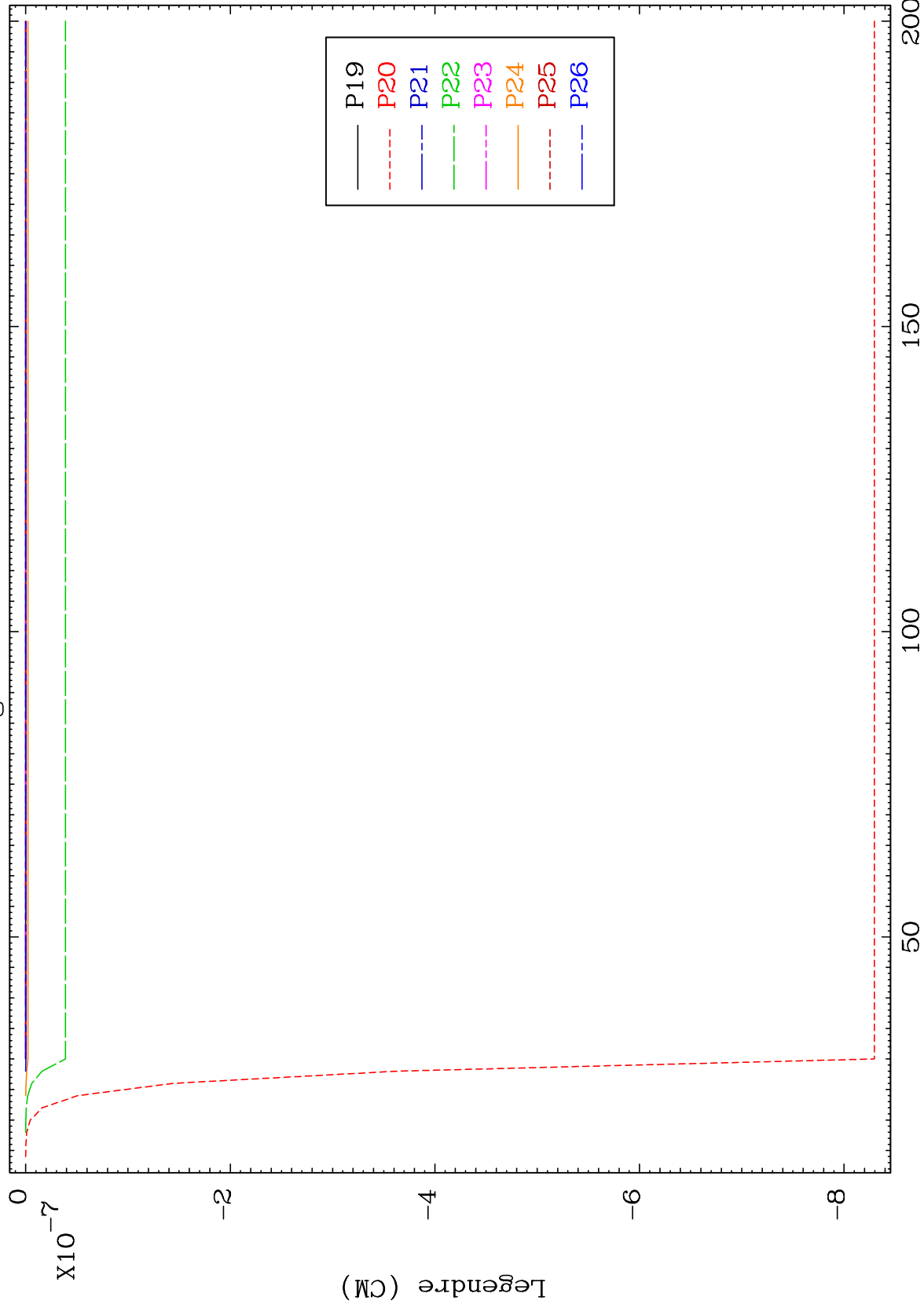




MAT 5158

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

51-Sb-132



107

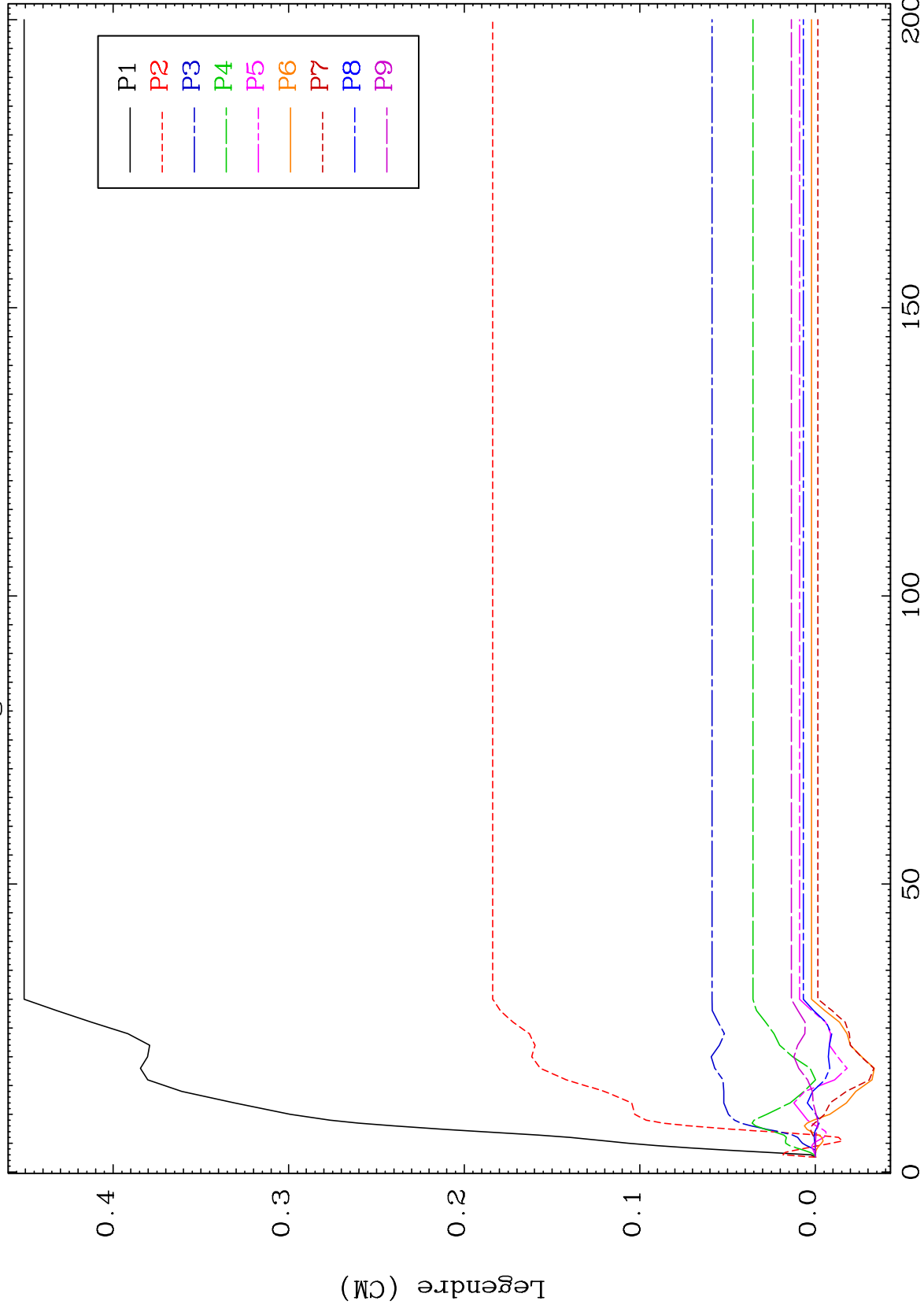
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



108

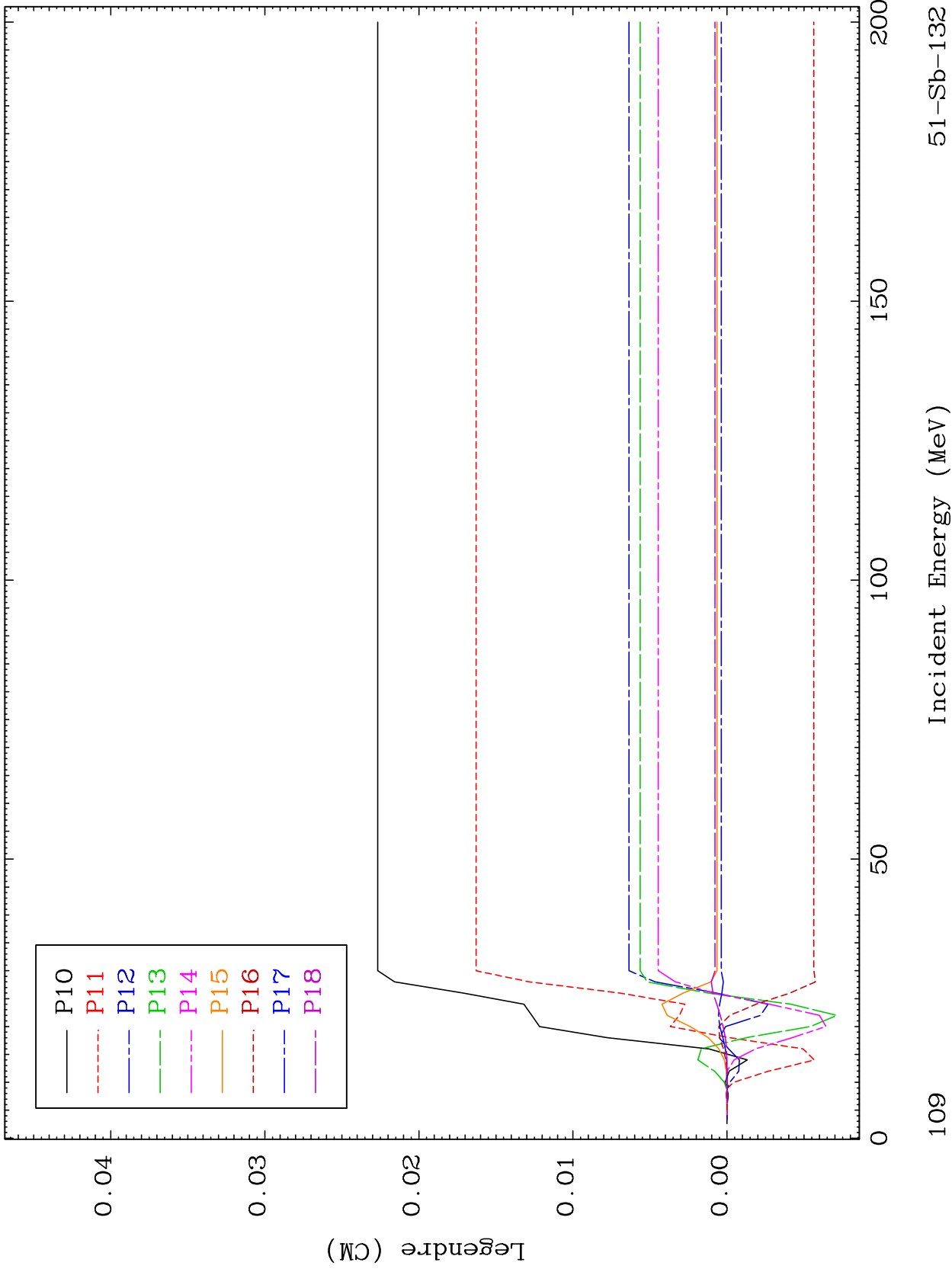
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



109

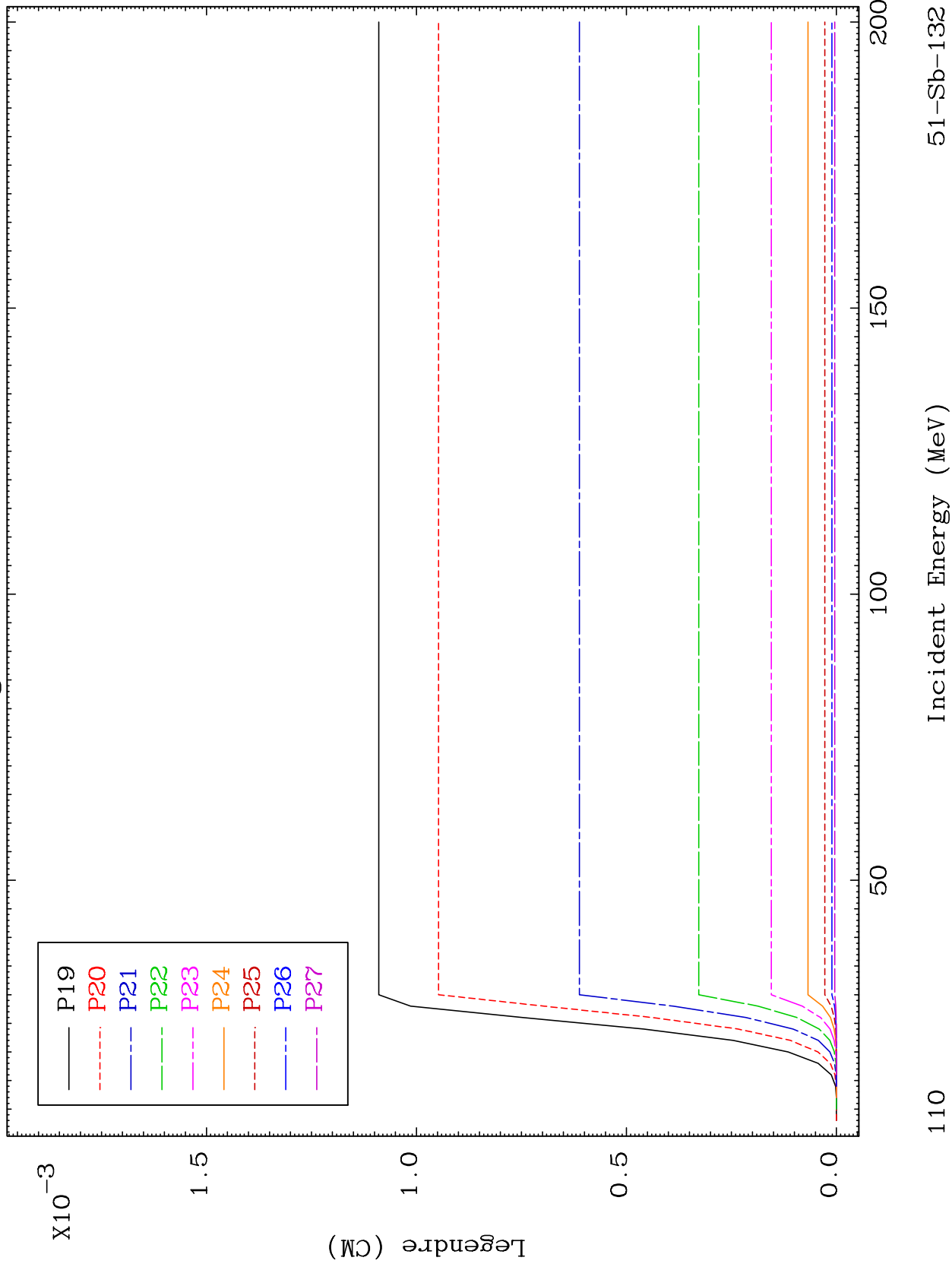
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

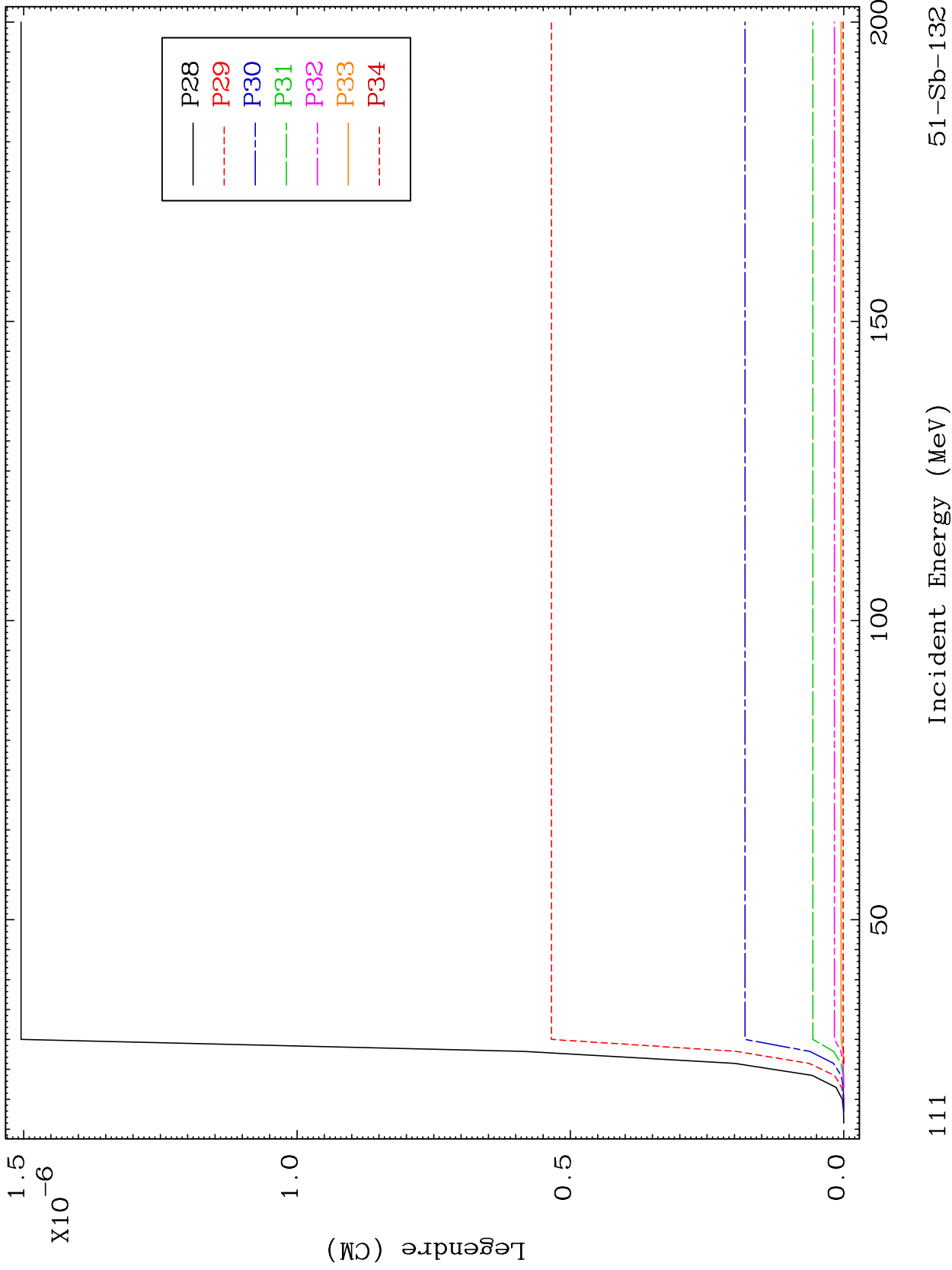
51-Sb-132



MAT 5158

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

51-Sb-132



111

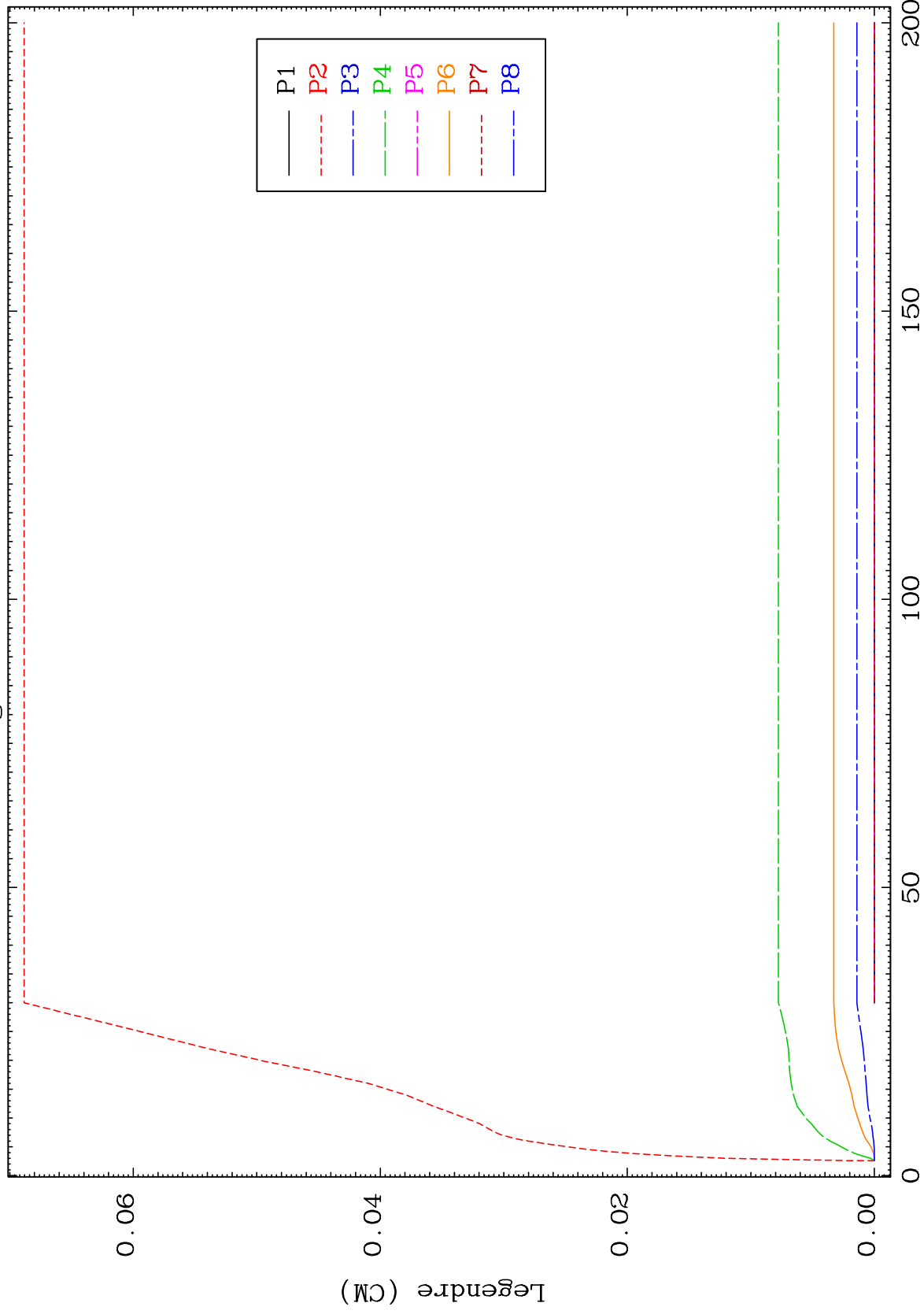
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



51-Sb-132

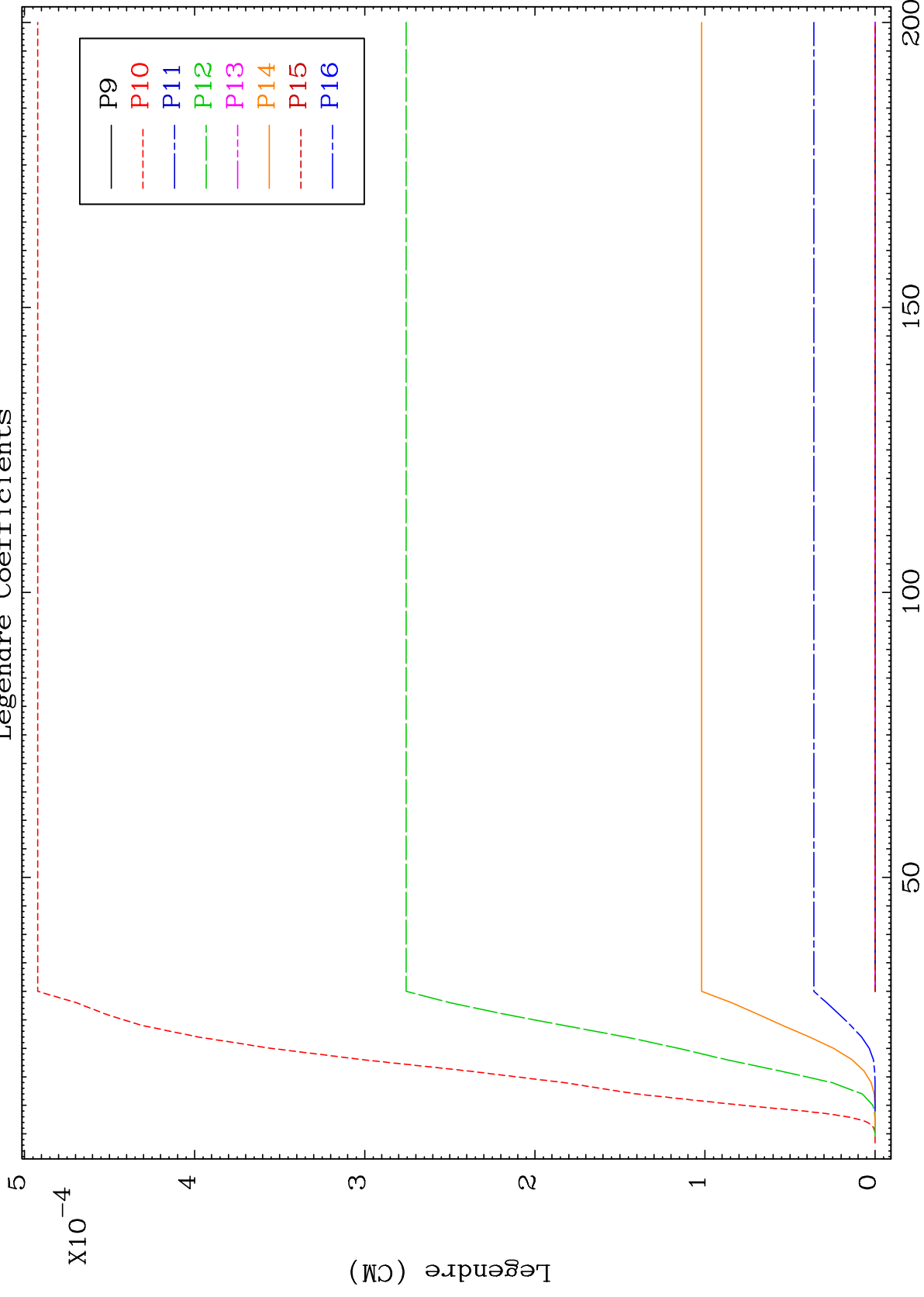
Incident Energy (MeV)

112

MAT 5158

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

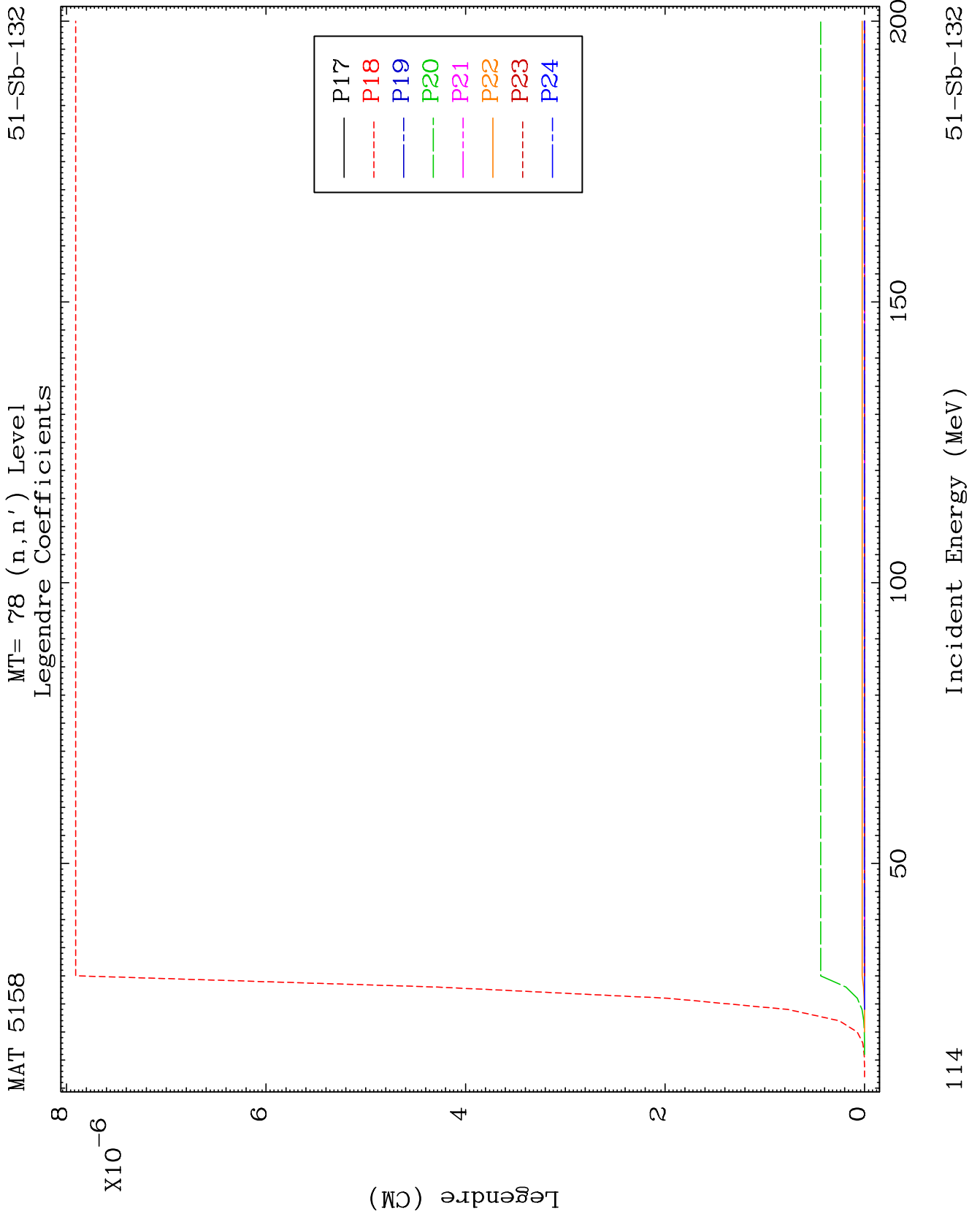
51-Sb-132

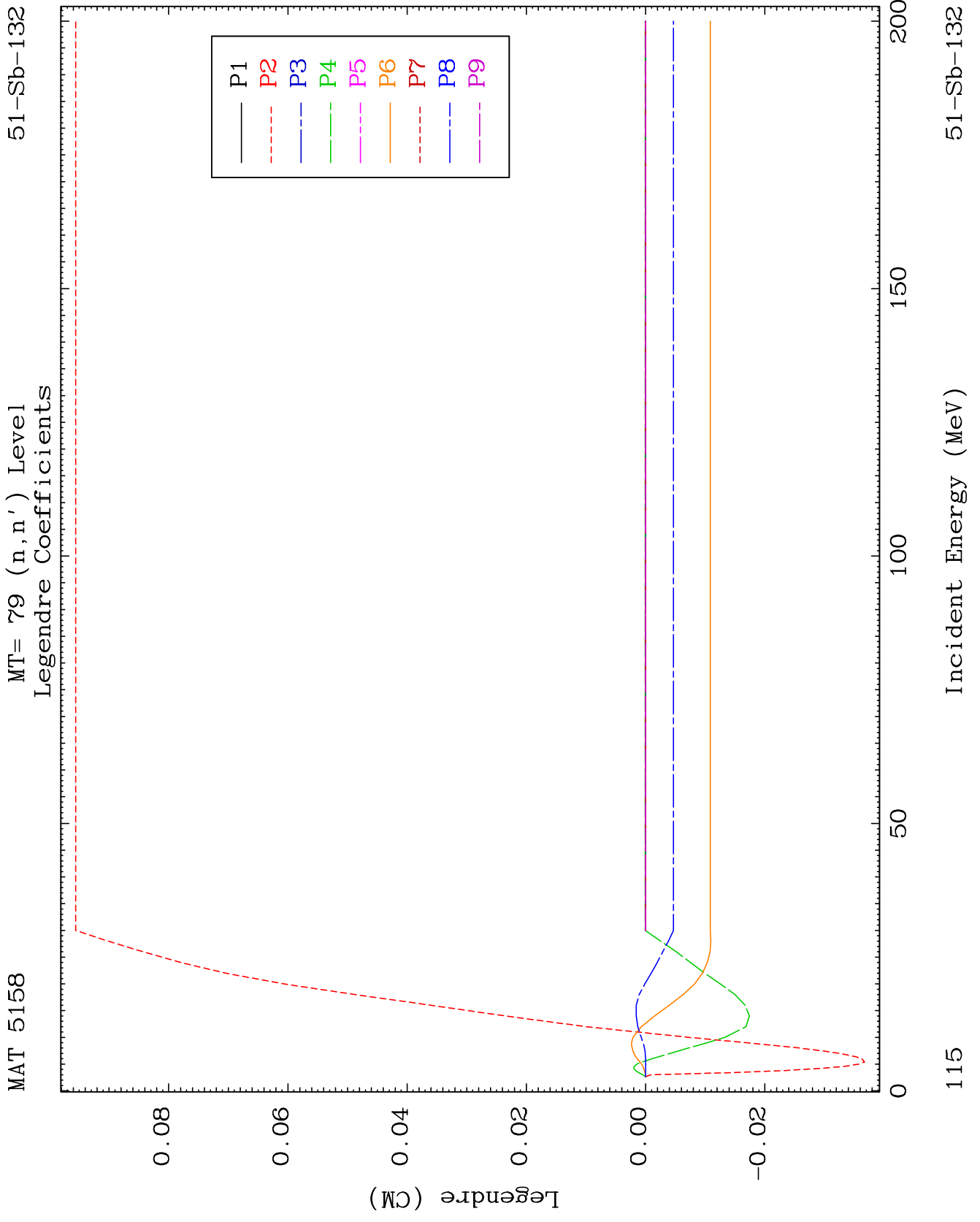


113

Incident Energy (MeV)

51-Sb-132

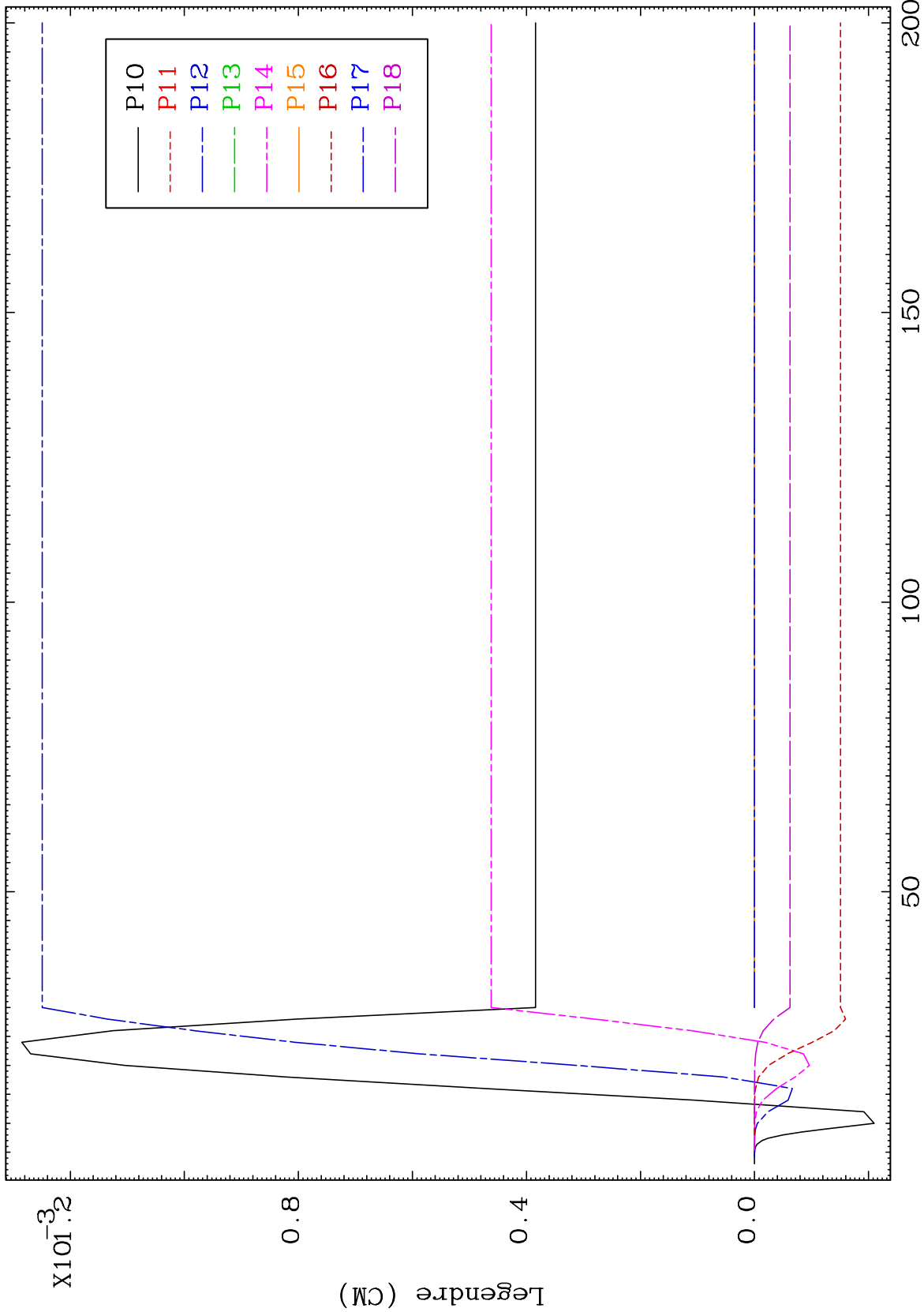




MAT 5158

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

51-Sb-132



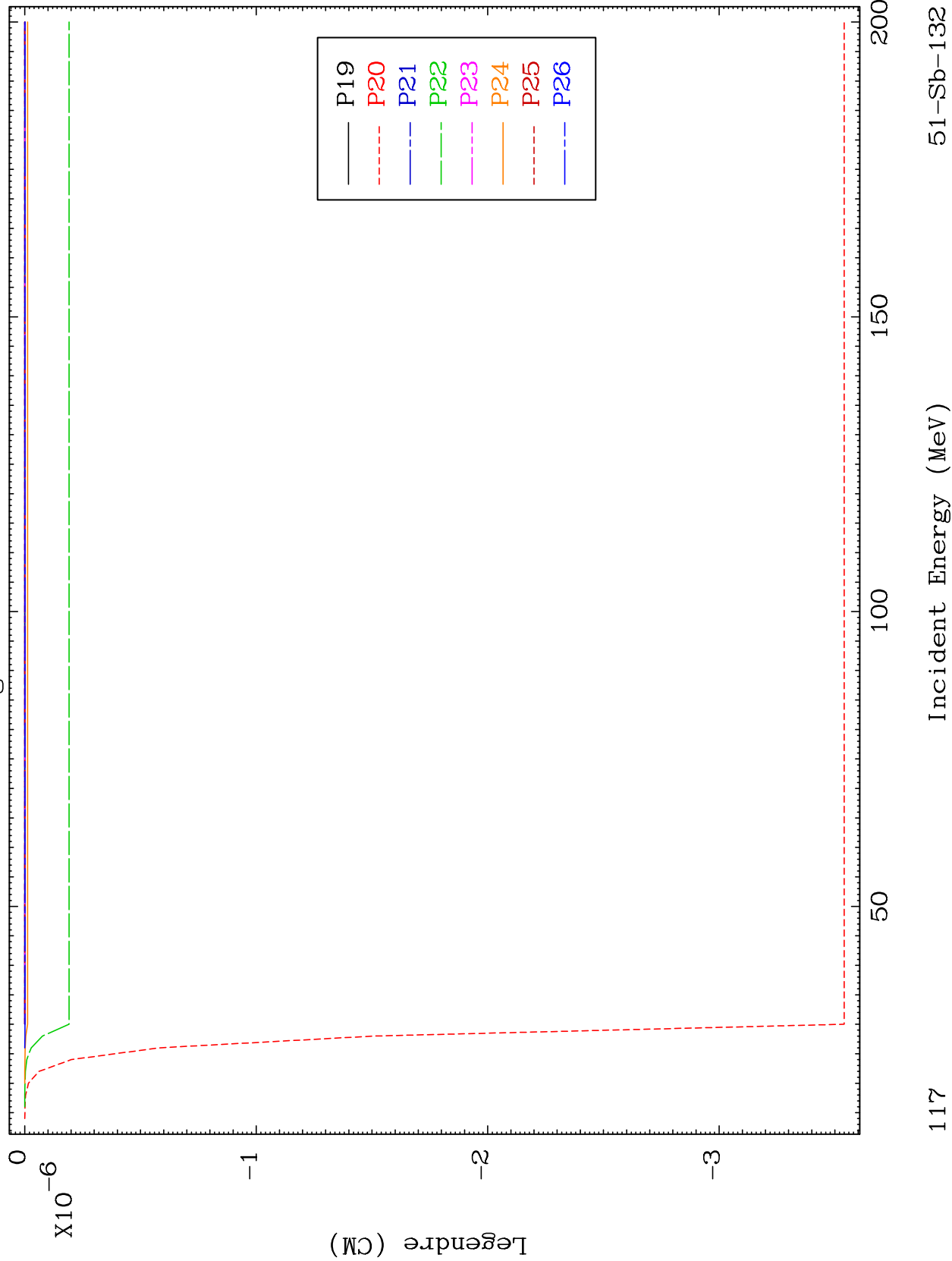
116

51-Sb-132

MAT 5158

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

51-Sb-132



117

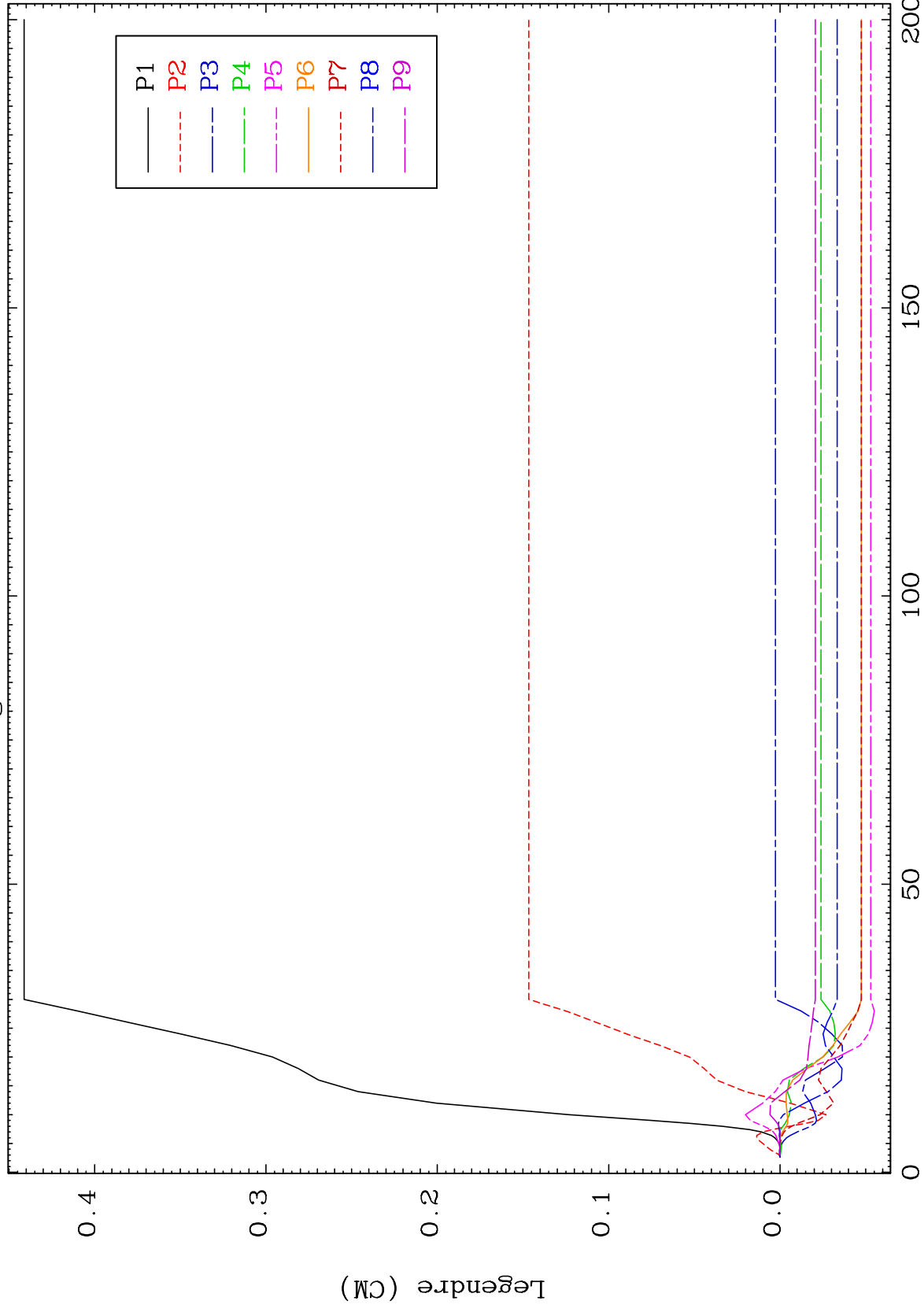
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



118

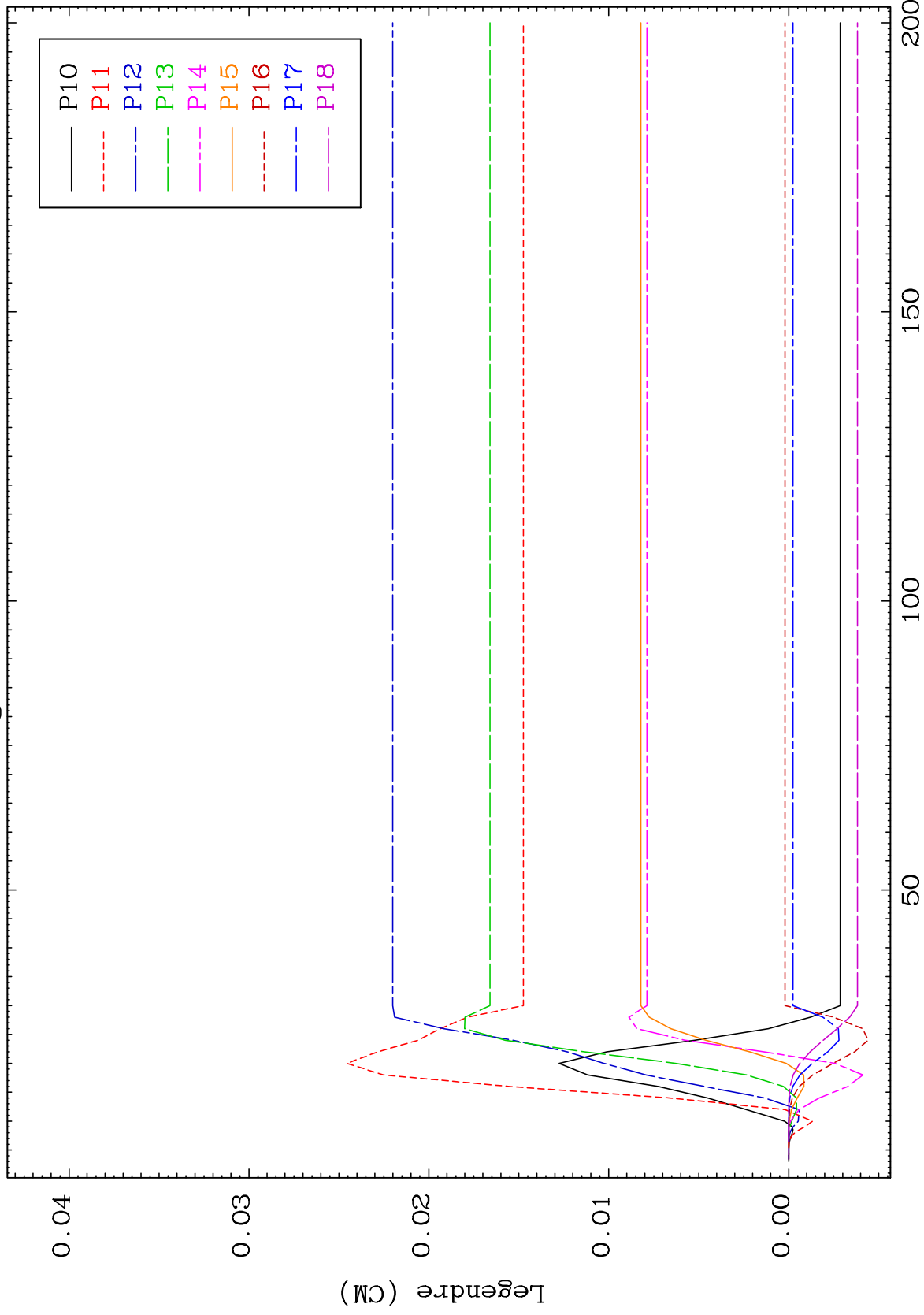
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

51-Sb-132



119

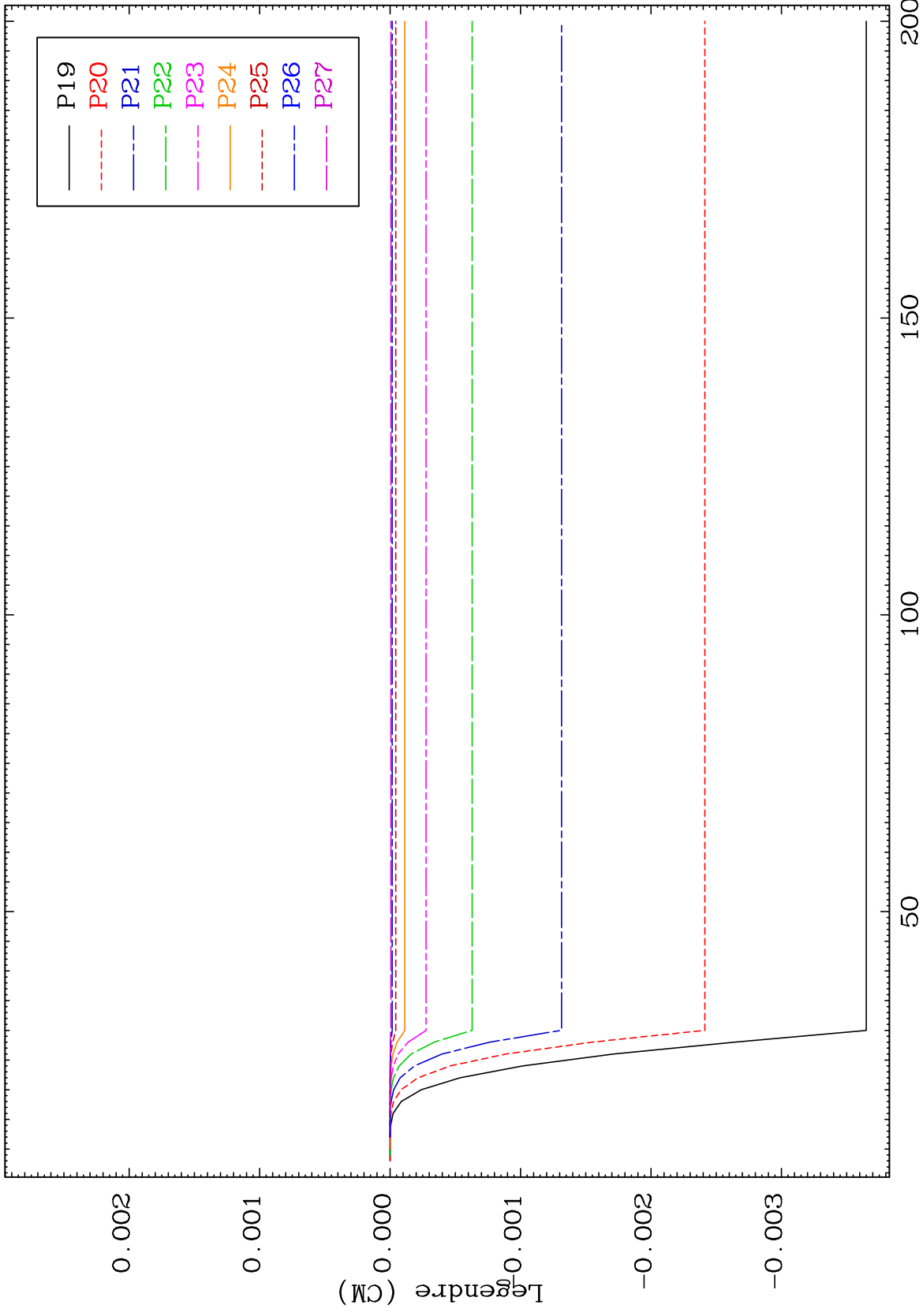
Incident Energy (MeV)

51-Sb-132

MAT 5158

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

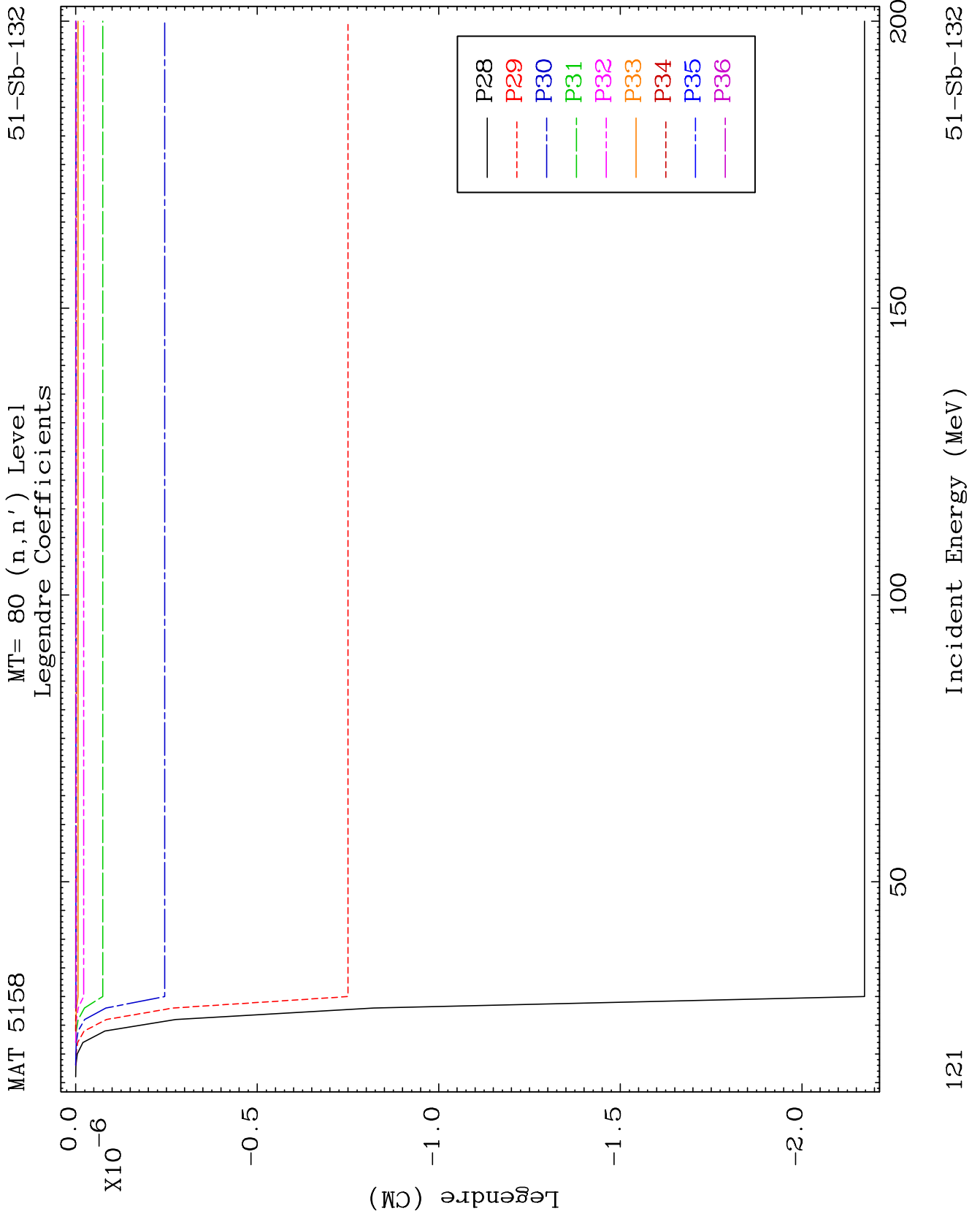
51-Sb-132



120

Incident Energy (MeV)

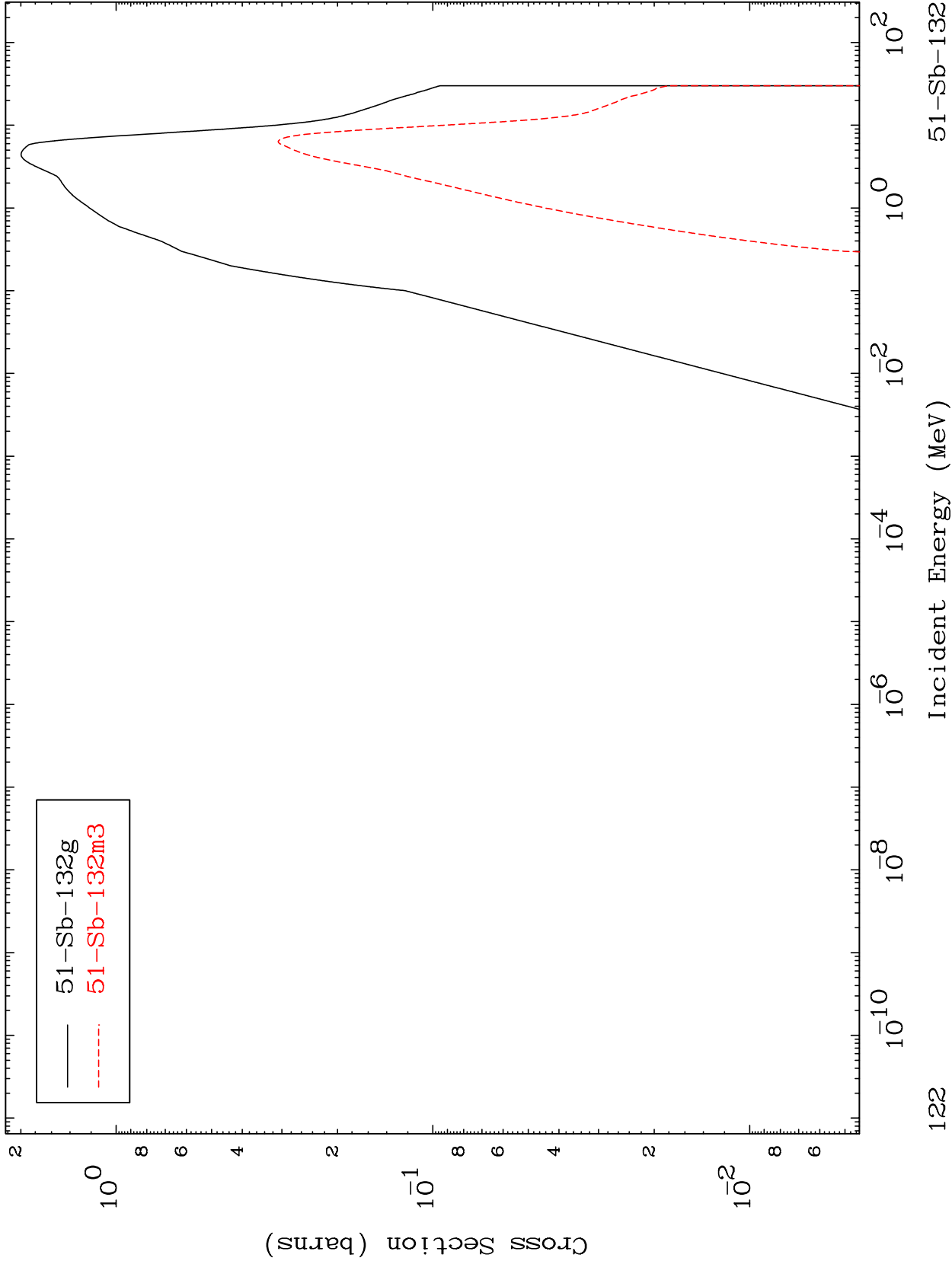
51-Sb-132



MAT 5158

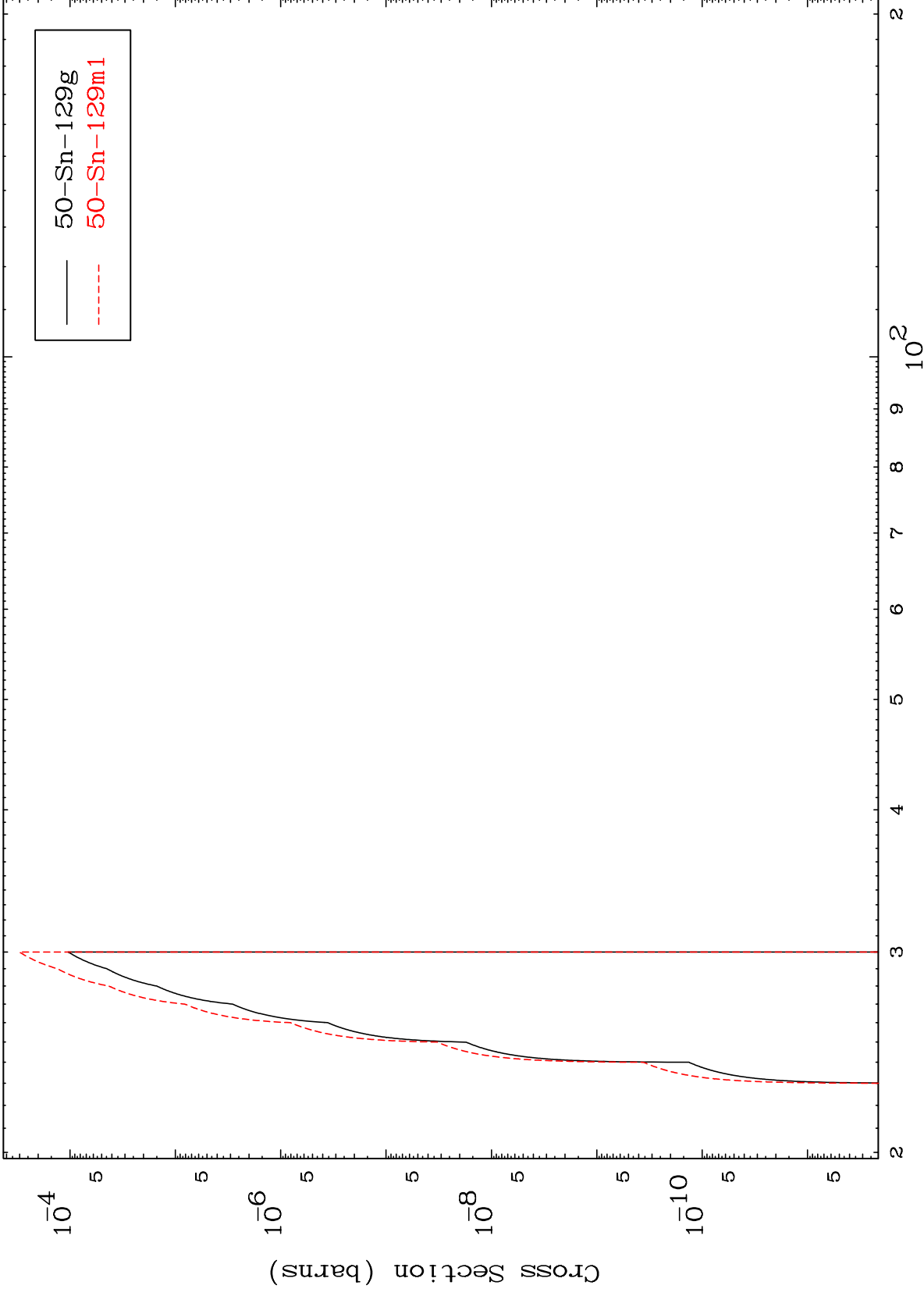
Inelastic
Radionuclide Production Cross Section

51-Sb-132



— 51-Sb-132g
- - - 51-Sb-132m3

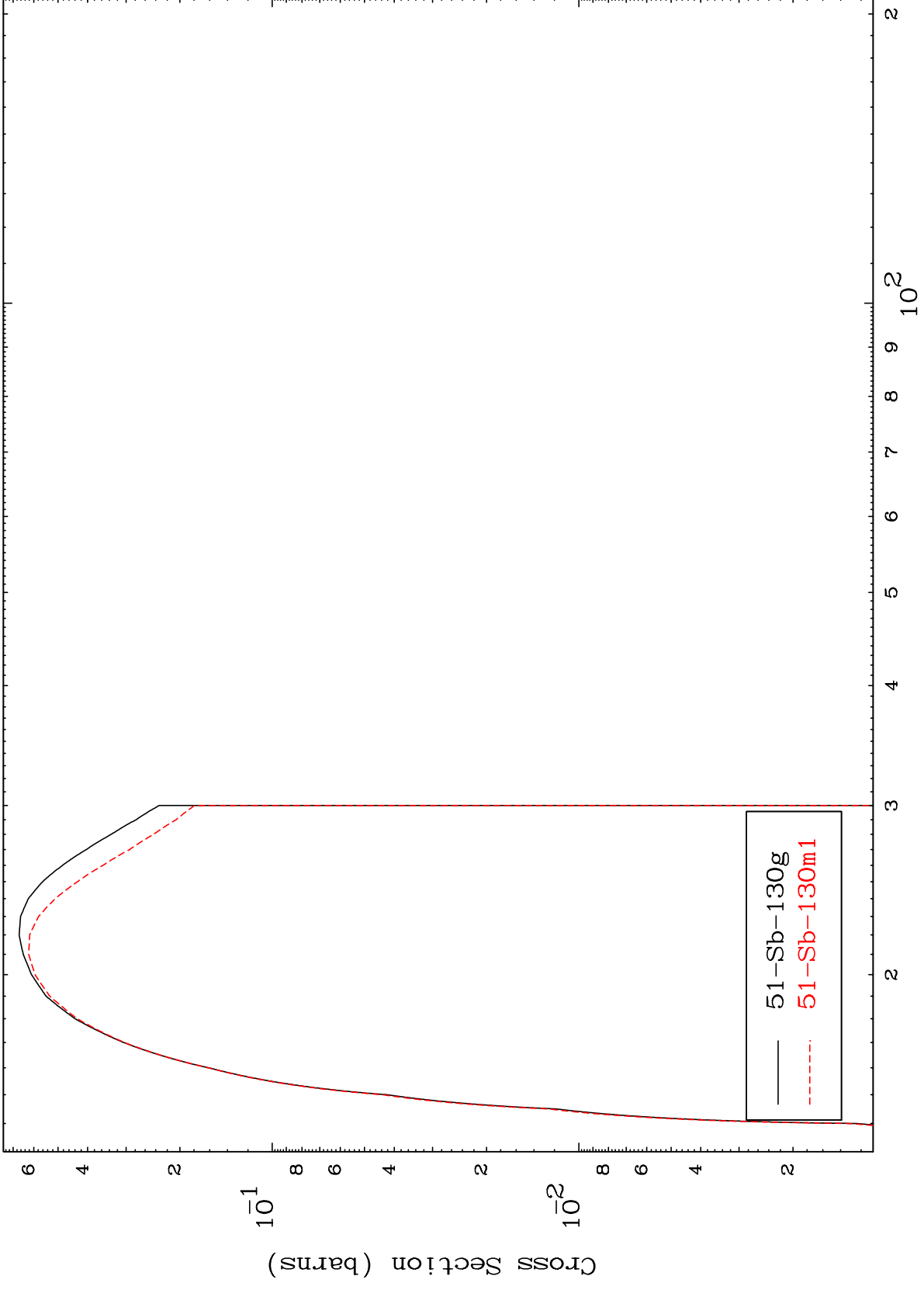
Radionuclide Production Cross Section



MAT 5158

51-Sb-132

(n,3n)
Radionuclide Production Cross Section



124

51-Sb-132

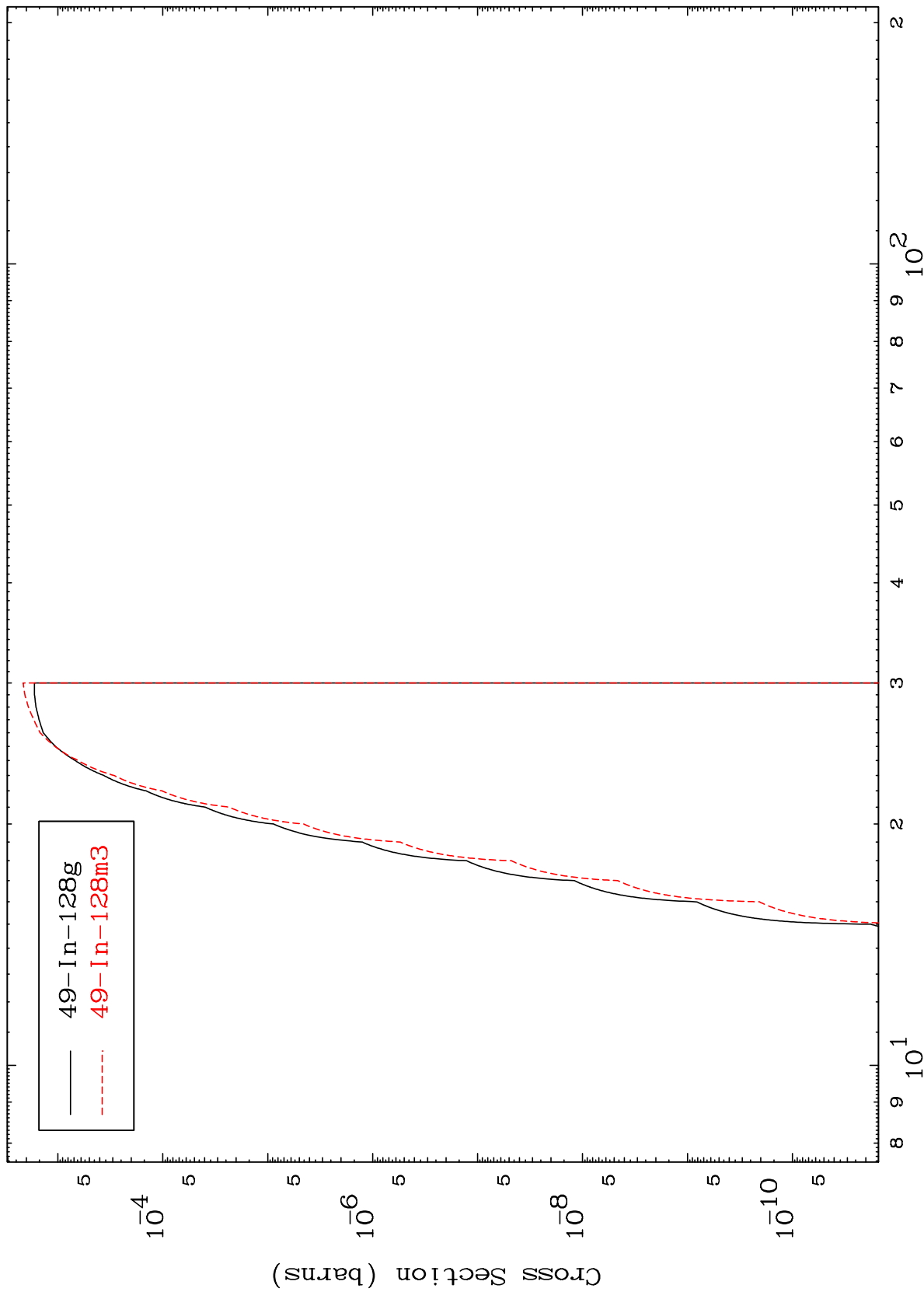
Incident Energy (MeV)

MAT 5158

(n,n') α

51-Sb-132

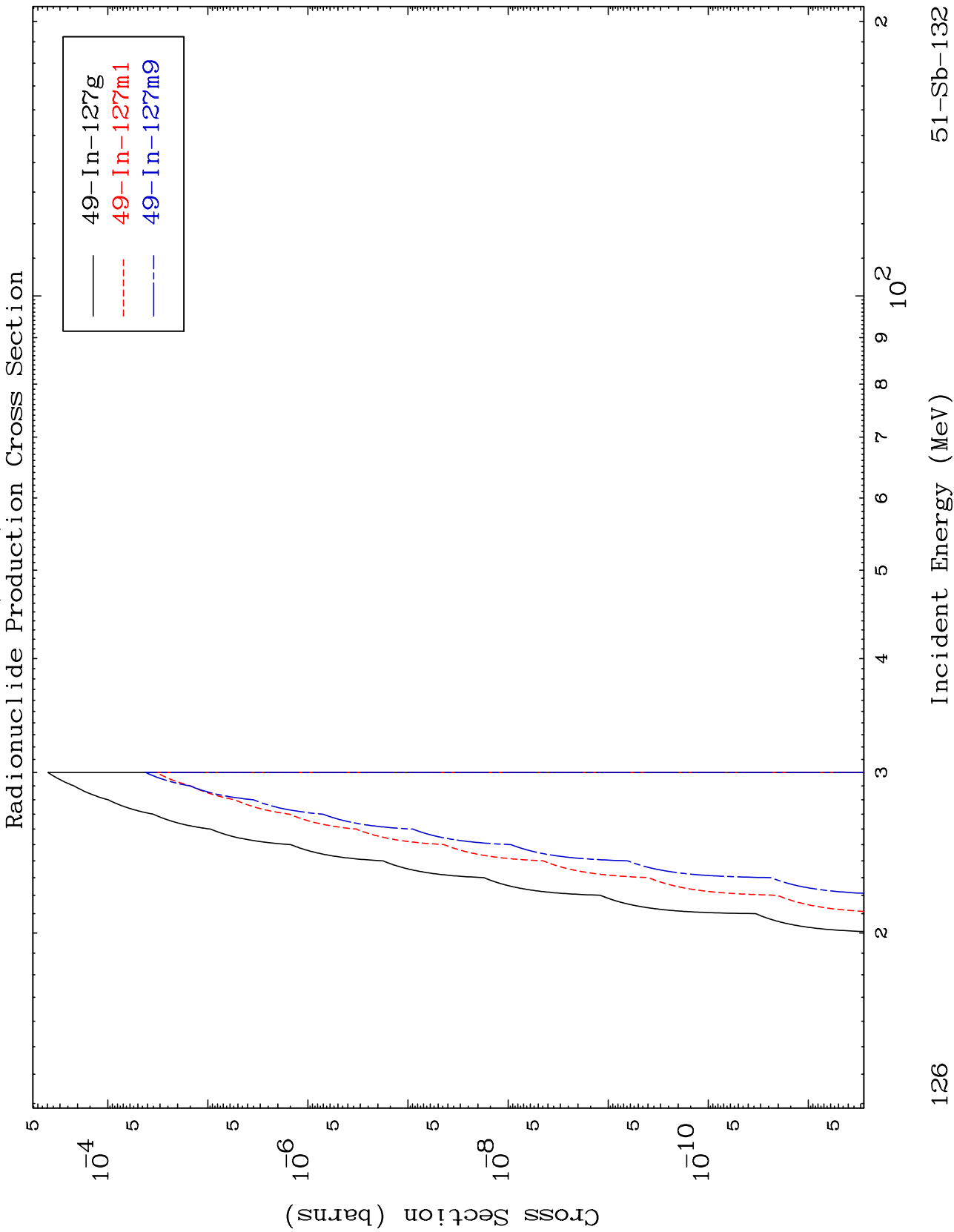
Radionuclide Production Cross Section



125

Incident Energy (MeV)

51-Sb-132

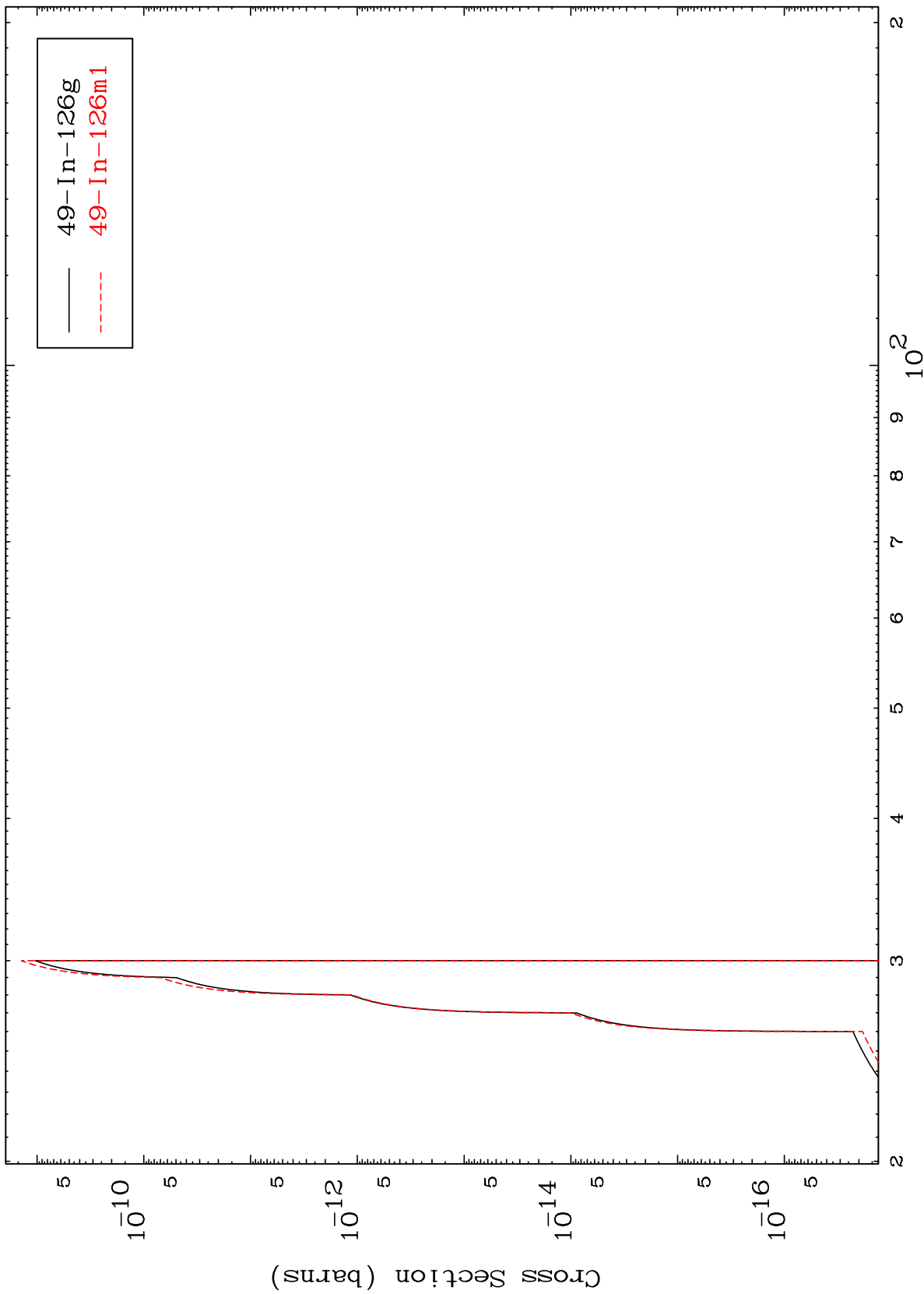


MAT 5158

(n,3n) α

51-Sb-132

Radionuclide Production Cross Section



127

Incident Energy (MeV)

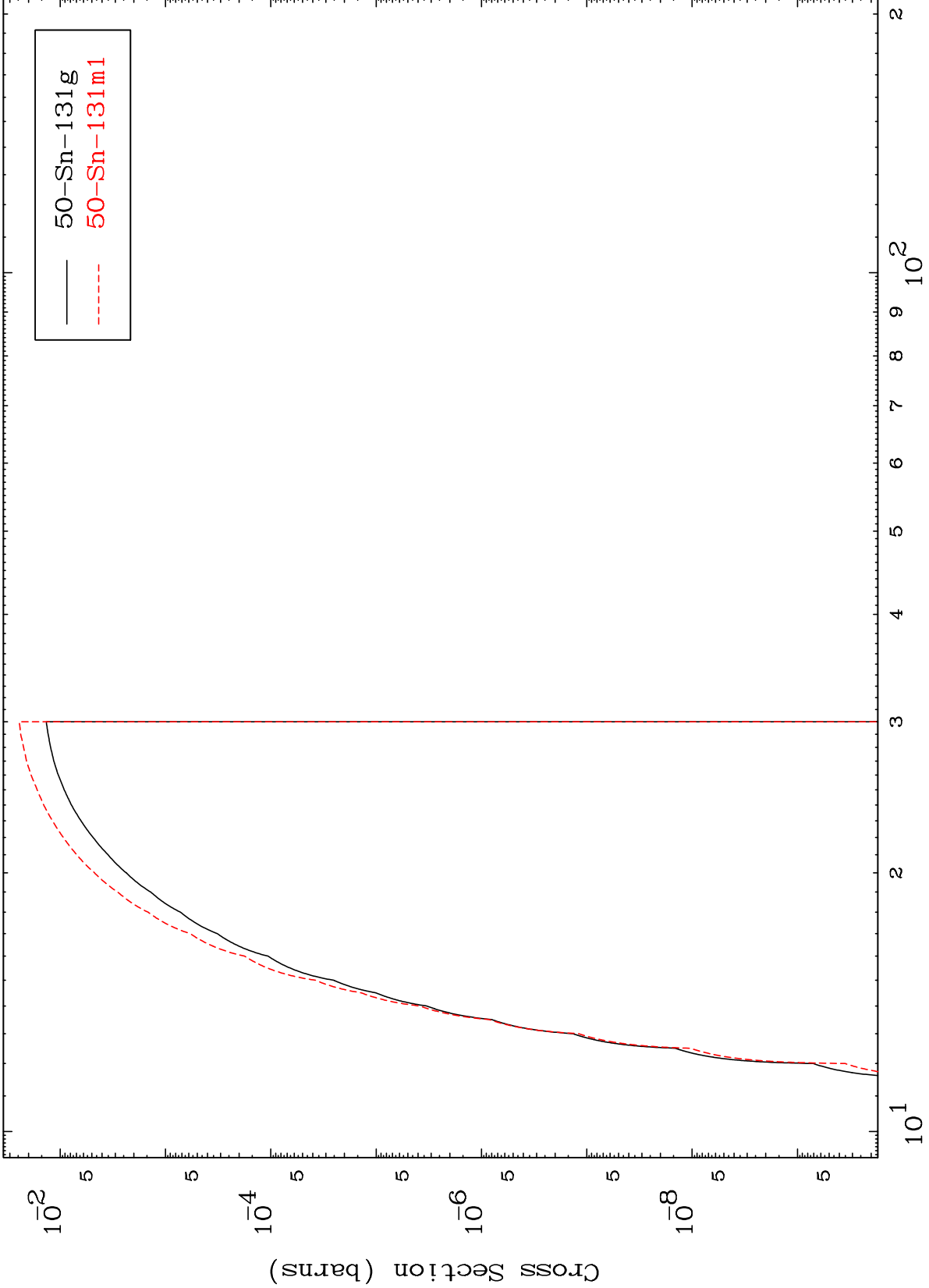
51-Sb-132

MAT 5158

(n,n') p

51-Sb-132

Radionuclide Production Cross Section

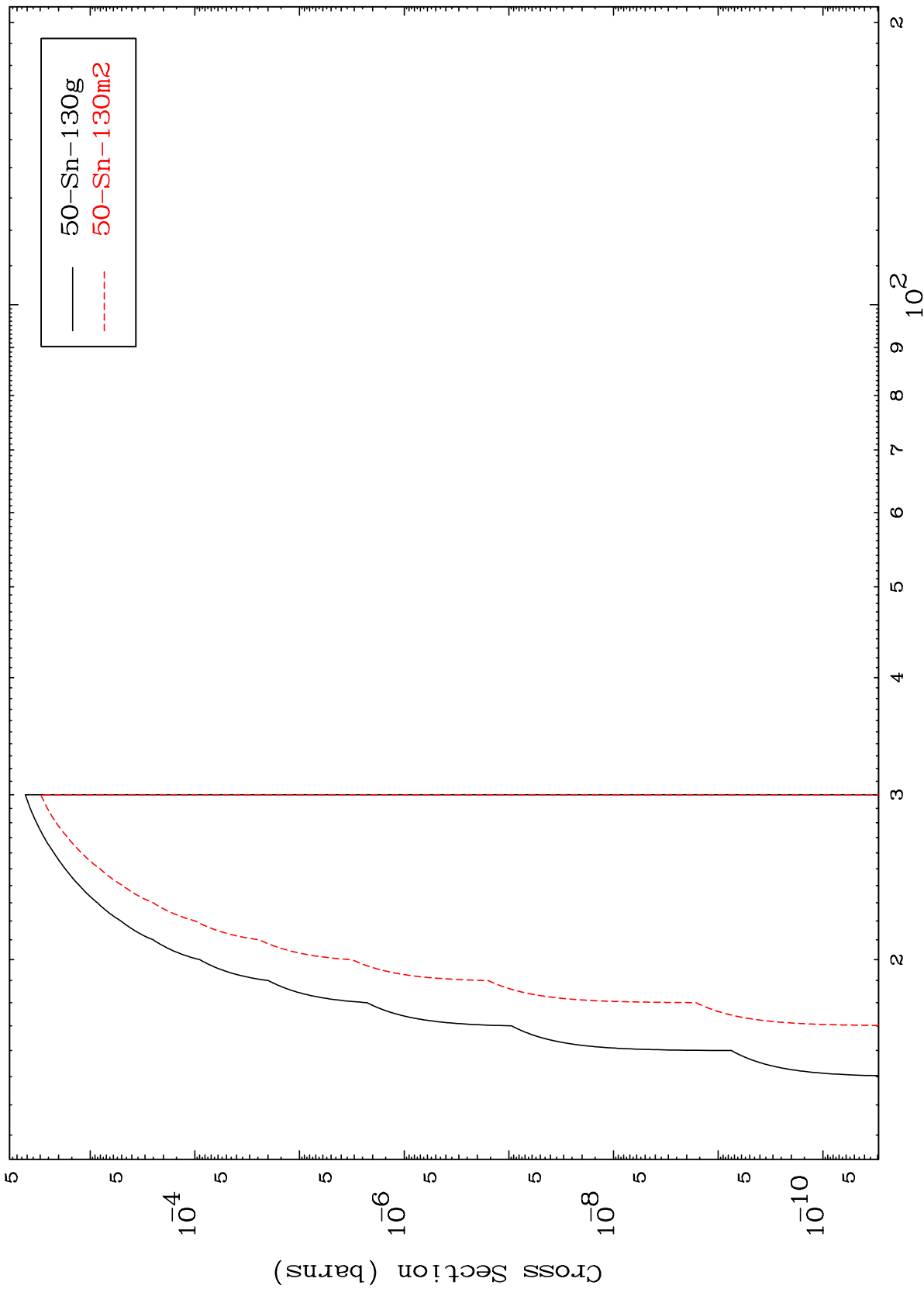


128

Incident Energy (MeV)

51-Sb-132

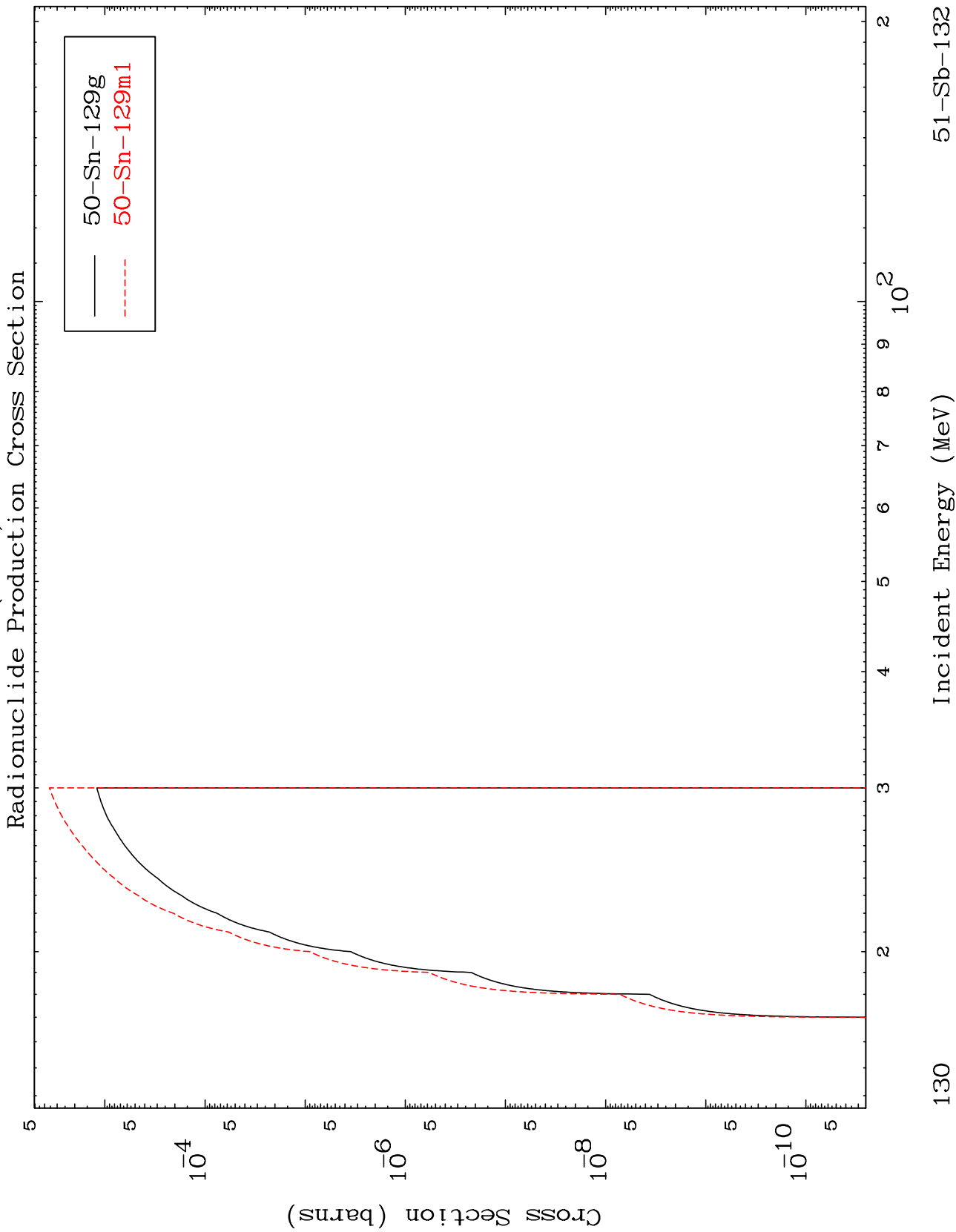
Radionuclide Production Cross Section



MAT 5158

(n,n') t

51-Sb-132



130

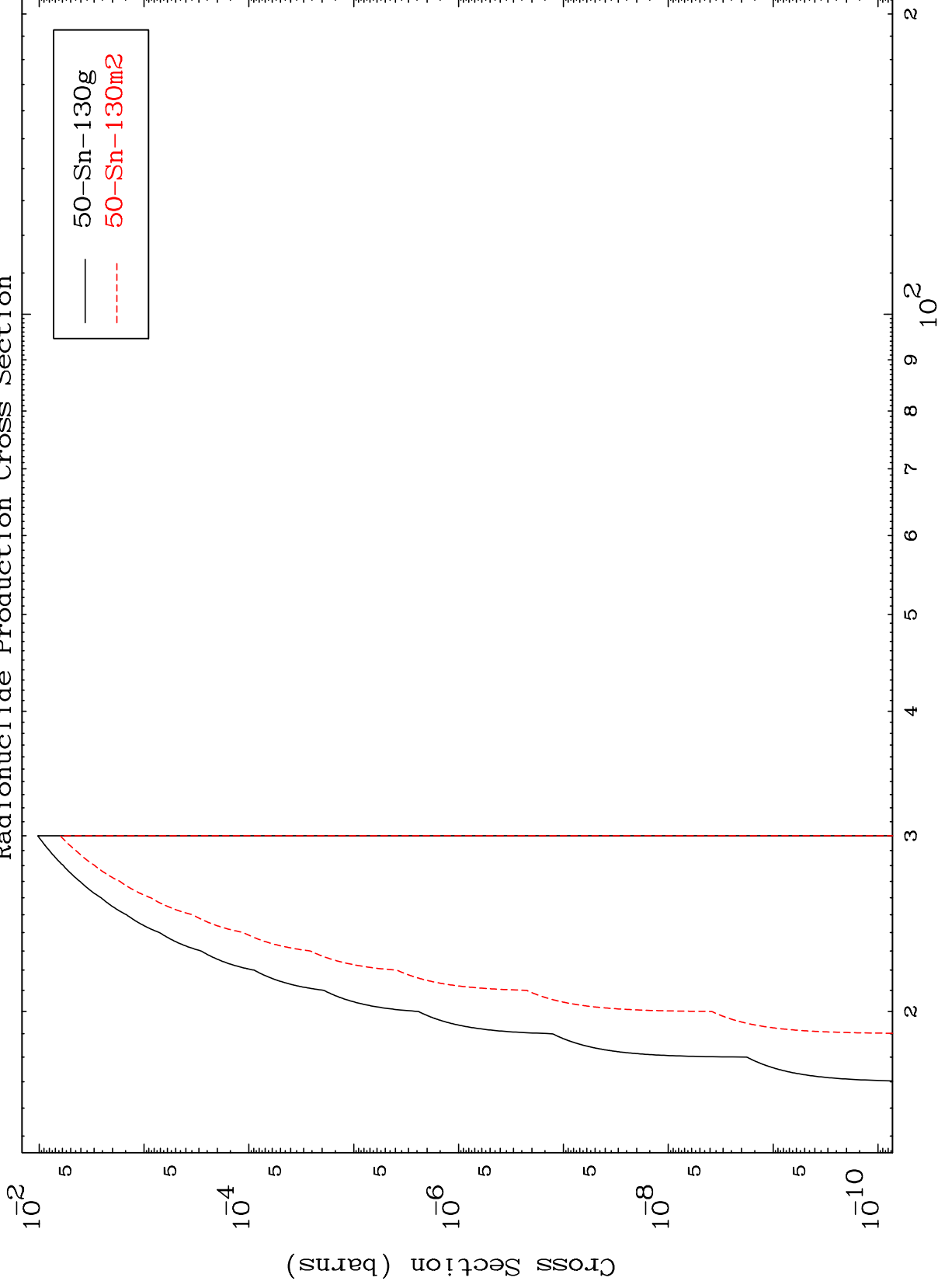
51-Sb-132

MAT 5158

(n,2n) p

51-Sb-132

Radionuclide Production Cross Section



131

Incident Energy (MeV)

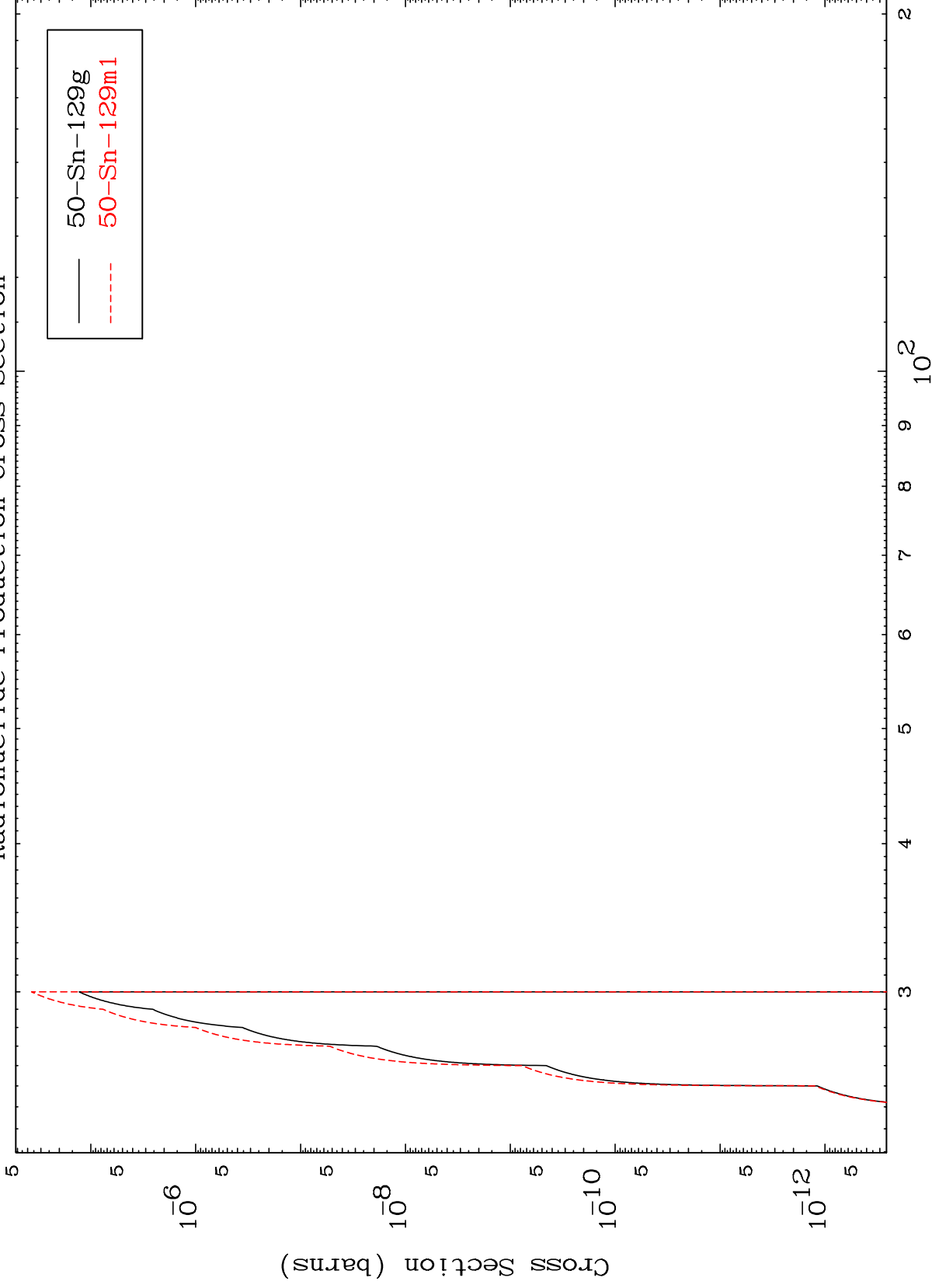
51-Sb-132

MAT 5158

(n,3n) p

51-Sb-132

Radionuclide Production Cross Section



132

Incident Energy (MeV)

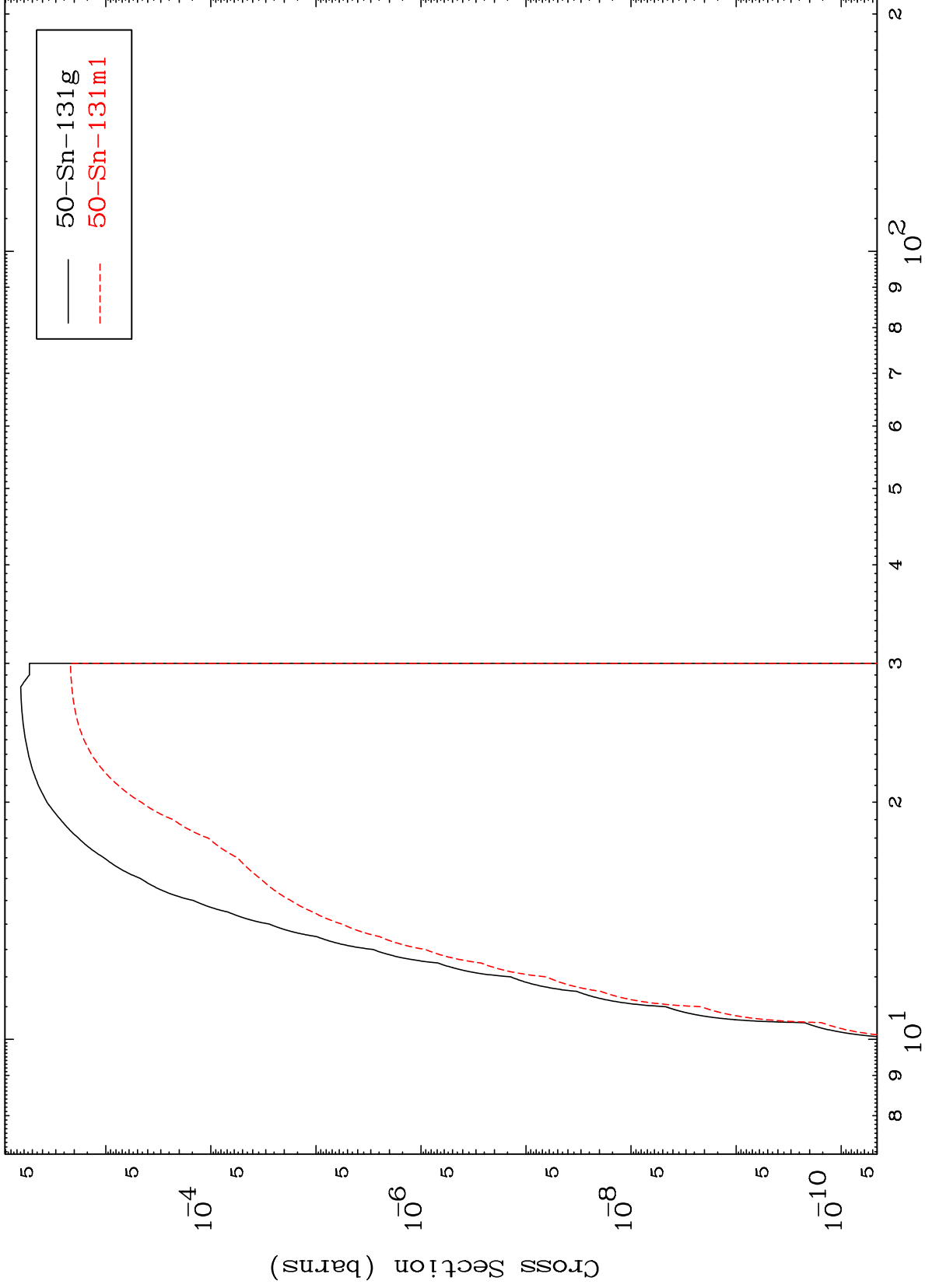
51-Sb-132

MAT 5158

(n,d)

51-Sb-132

Radionuclide Production Cross Section



133

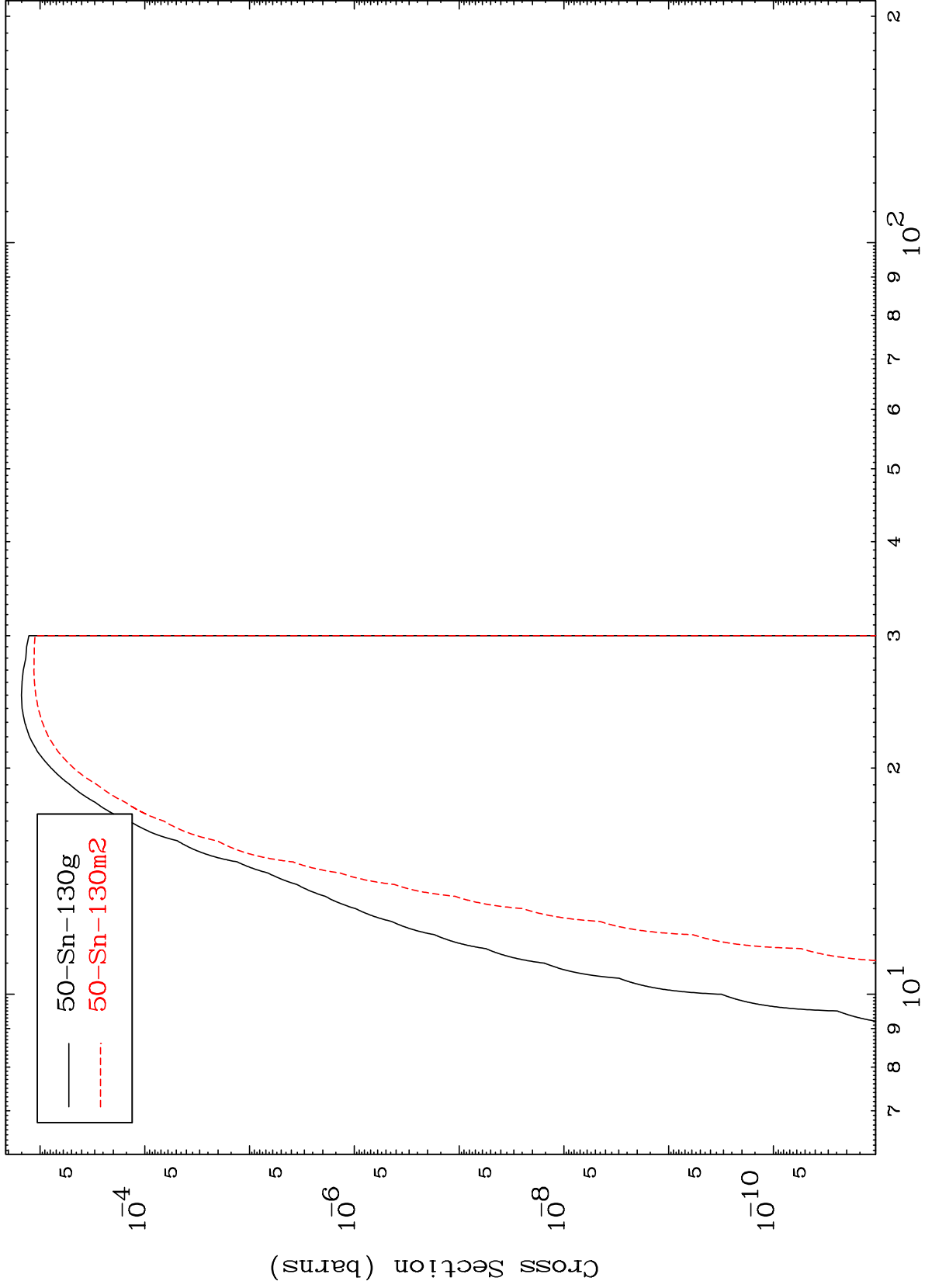
Incident Energy (MeV)

51-Sb-132

MAT 5158

51-Sb-132

(n,t)
Radionuclide Production Cross Section



134

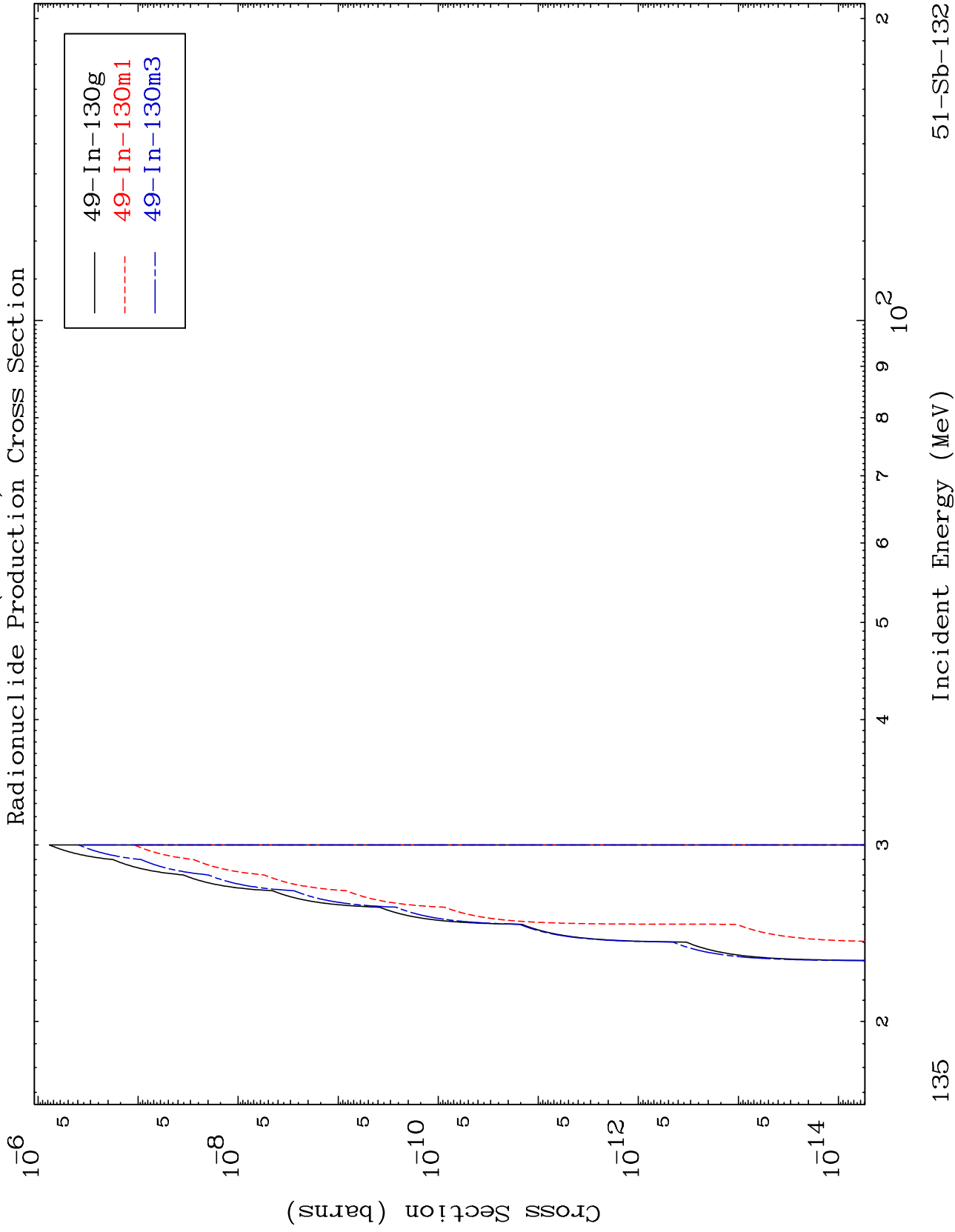
Incident Energy (MeV)

51-Sb-132

MAT 5158

(n,He-3)

51-Sb-132



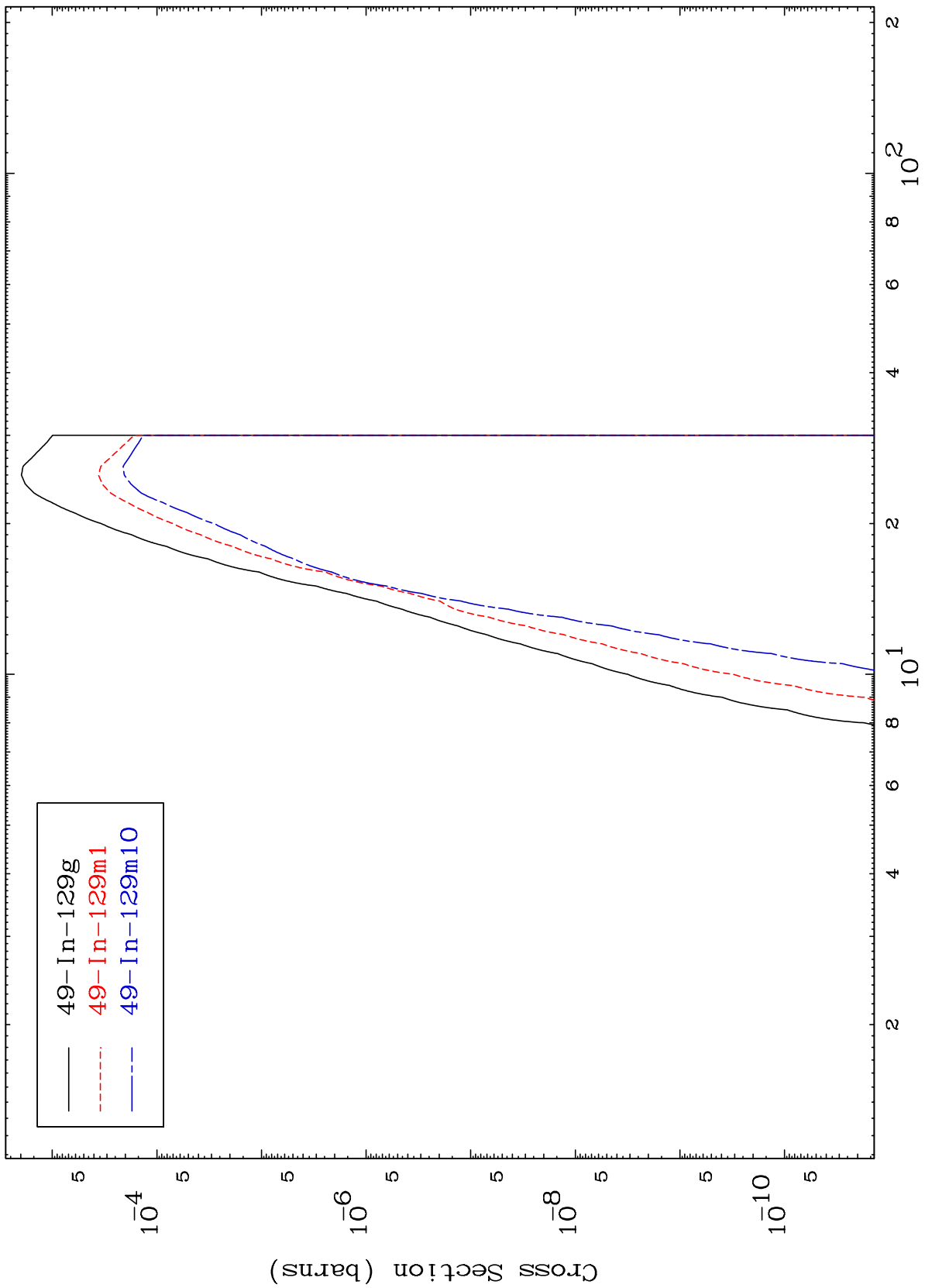
135

51-Sb-132

MAT 5158

51-Sb-132

Radionuclide Production Cross Section
(n, α)



136

51-Sb-132

Incident Energy (MeV)