

Program EVALPLOT
(Version 2017-1)

by

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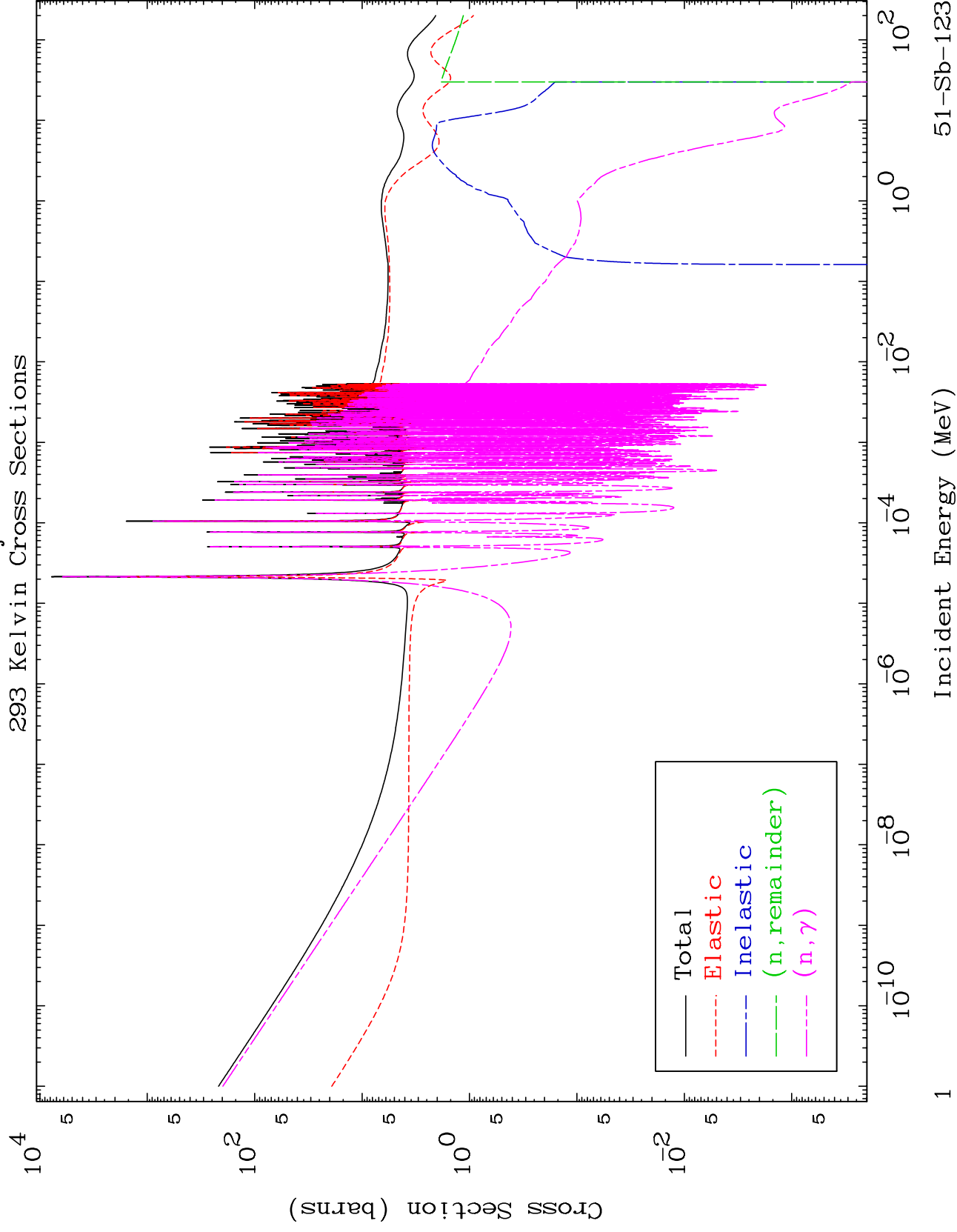
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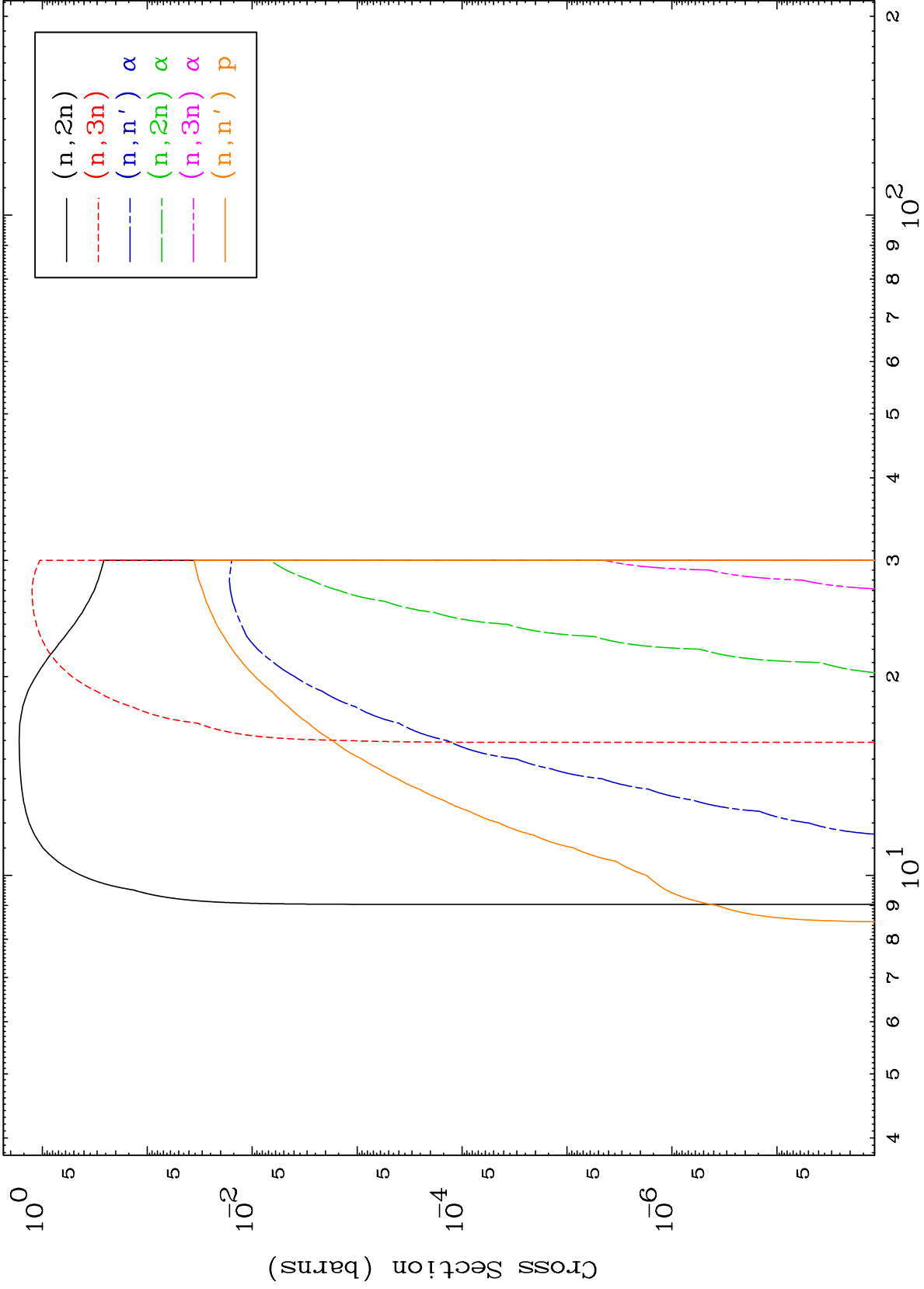
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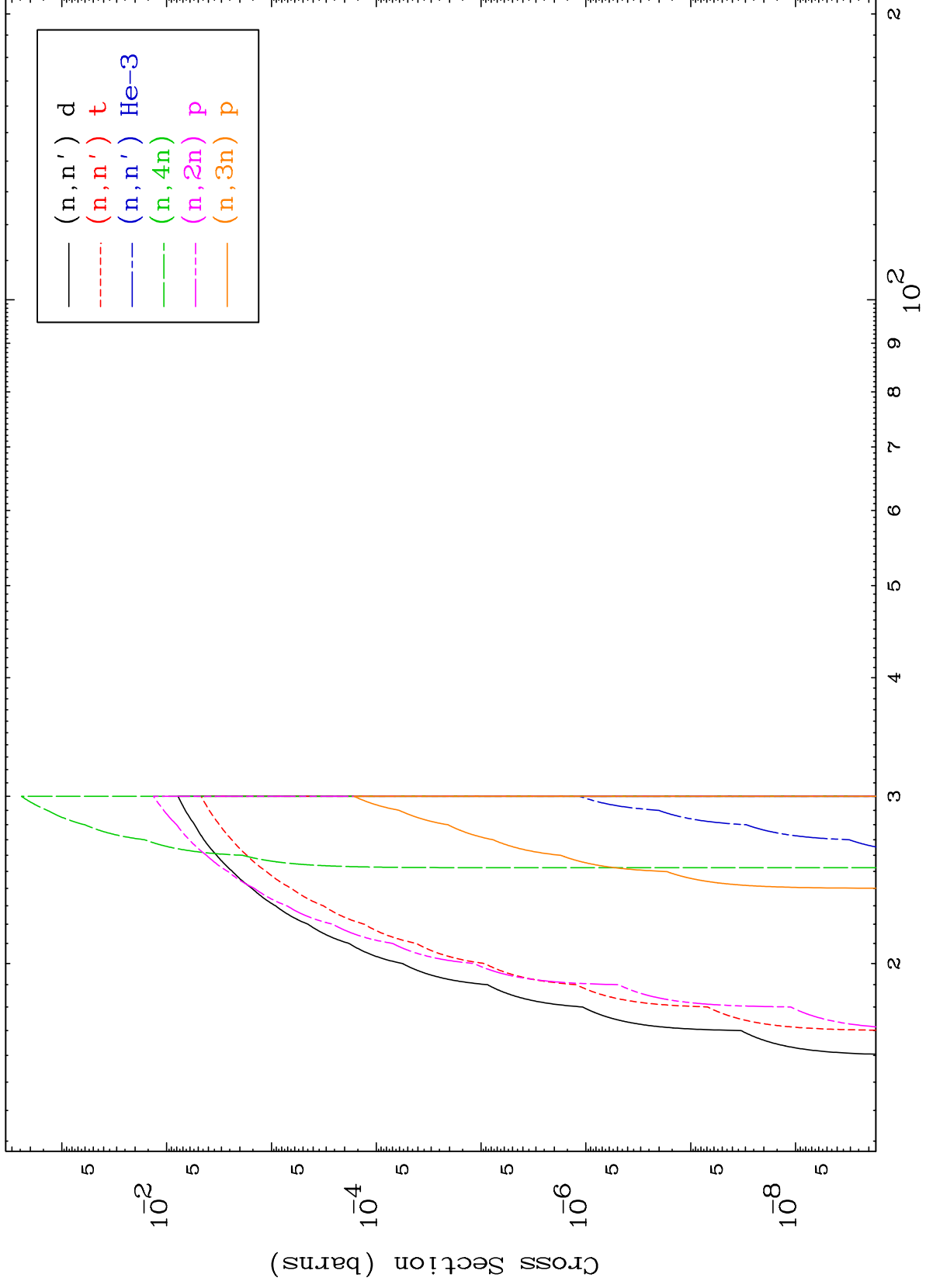
MAT 5131

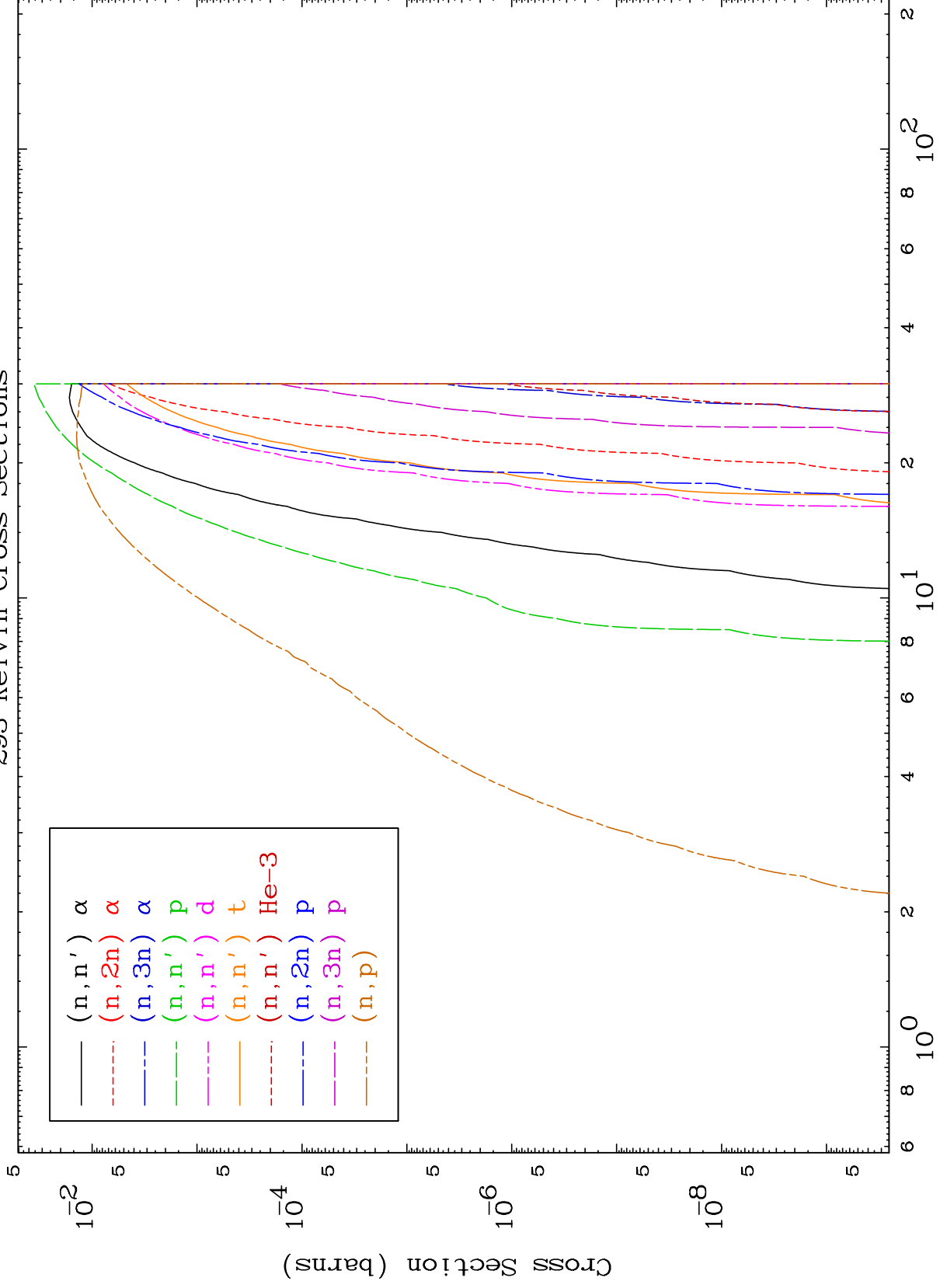
Major
293 Kelvin Cross Sections

51-Sb-123





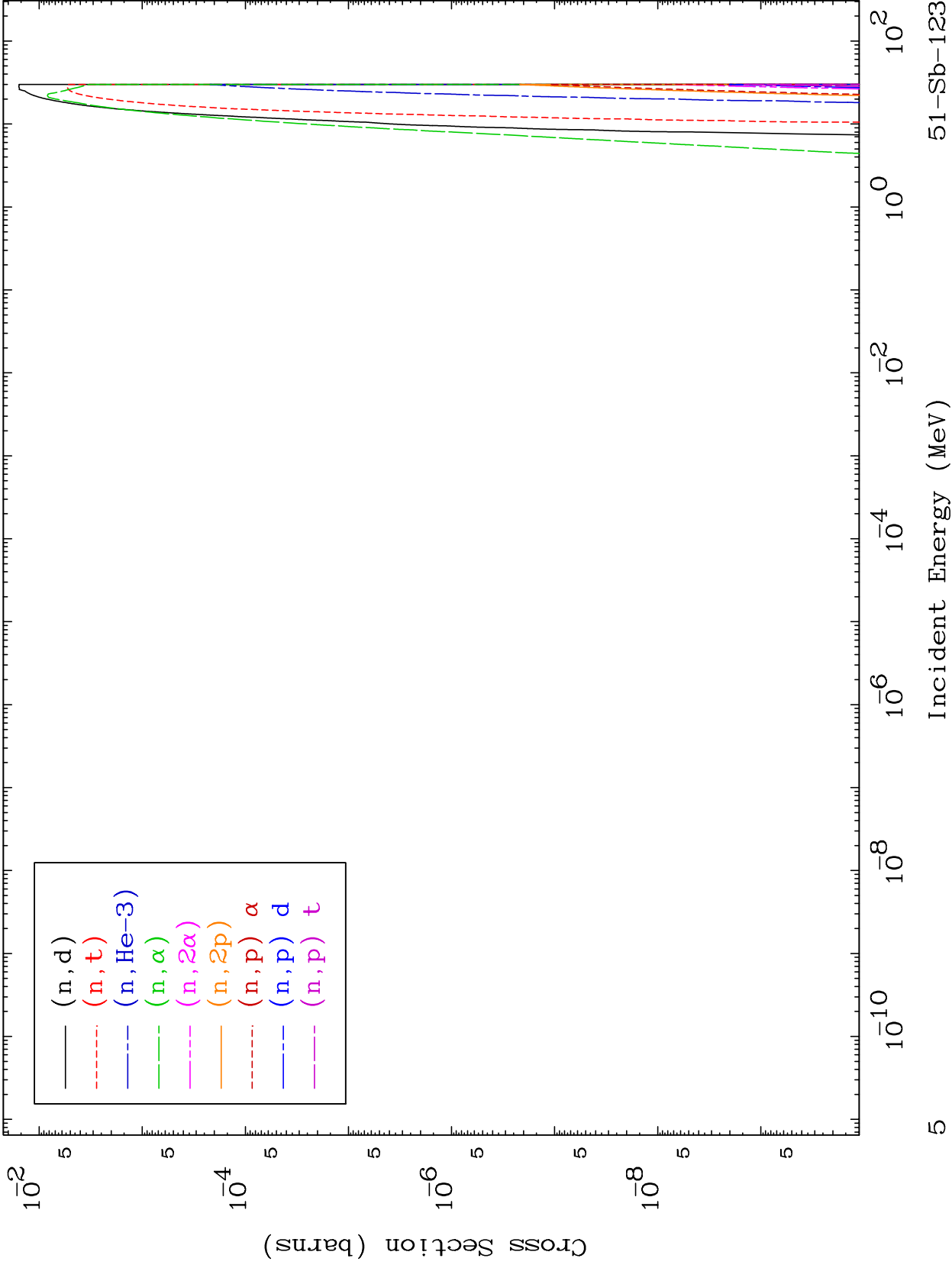




MAT 5131

Charged Particle
293 Kelvin Cross Sections

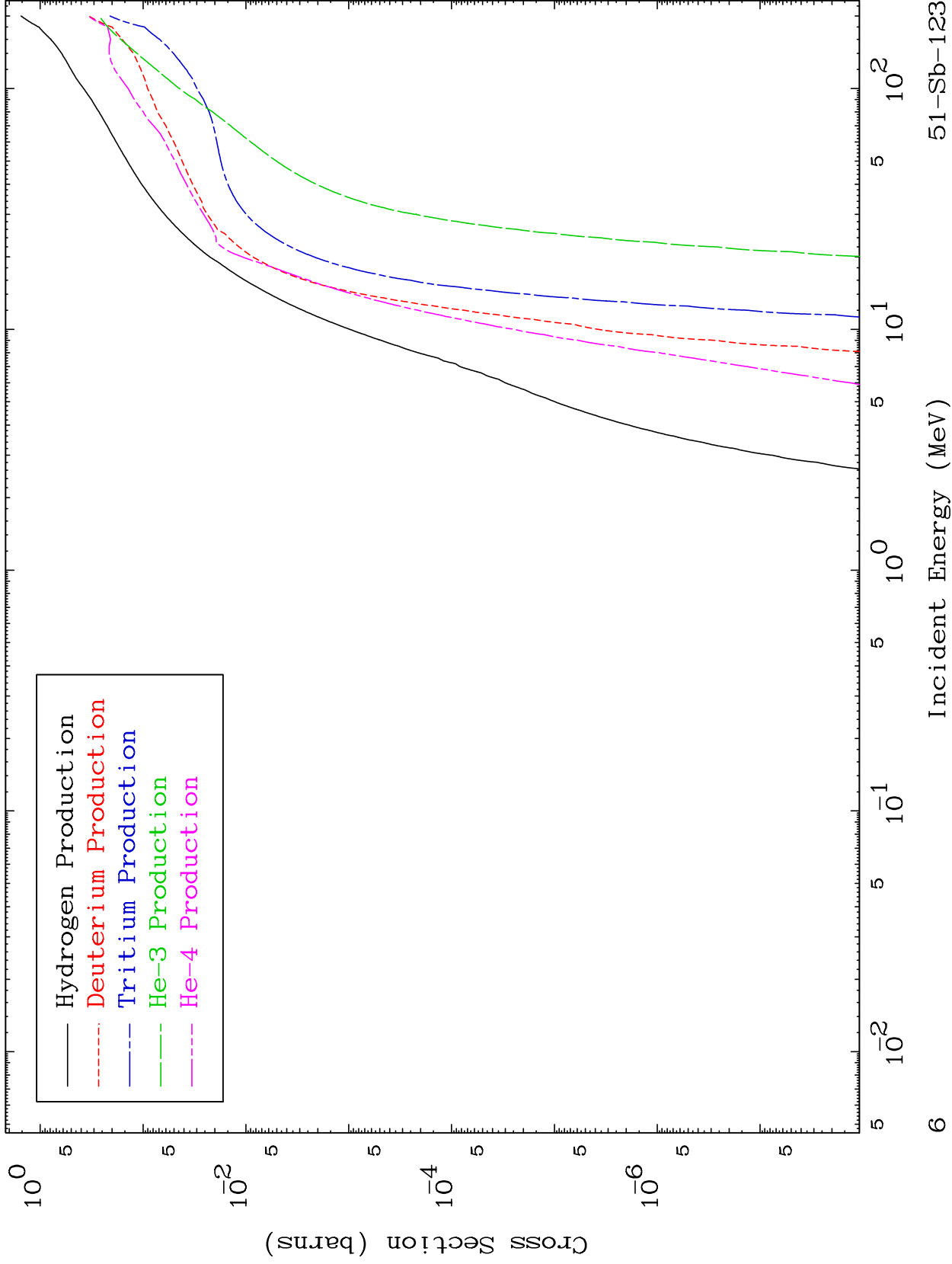
51-Sb-123



MAT 5131

Particle Production
293 Kelvin Cross Sections

51-Sb-123

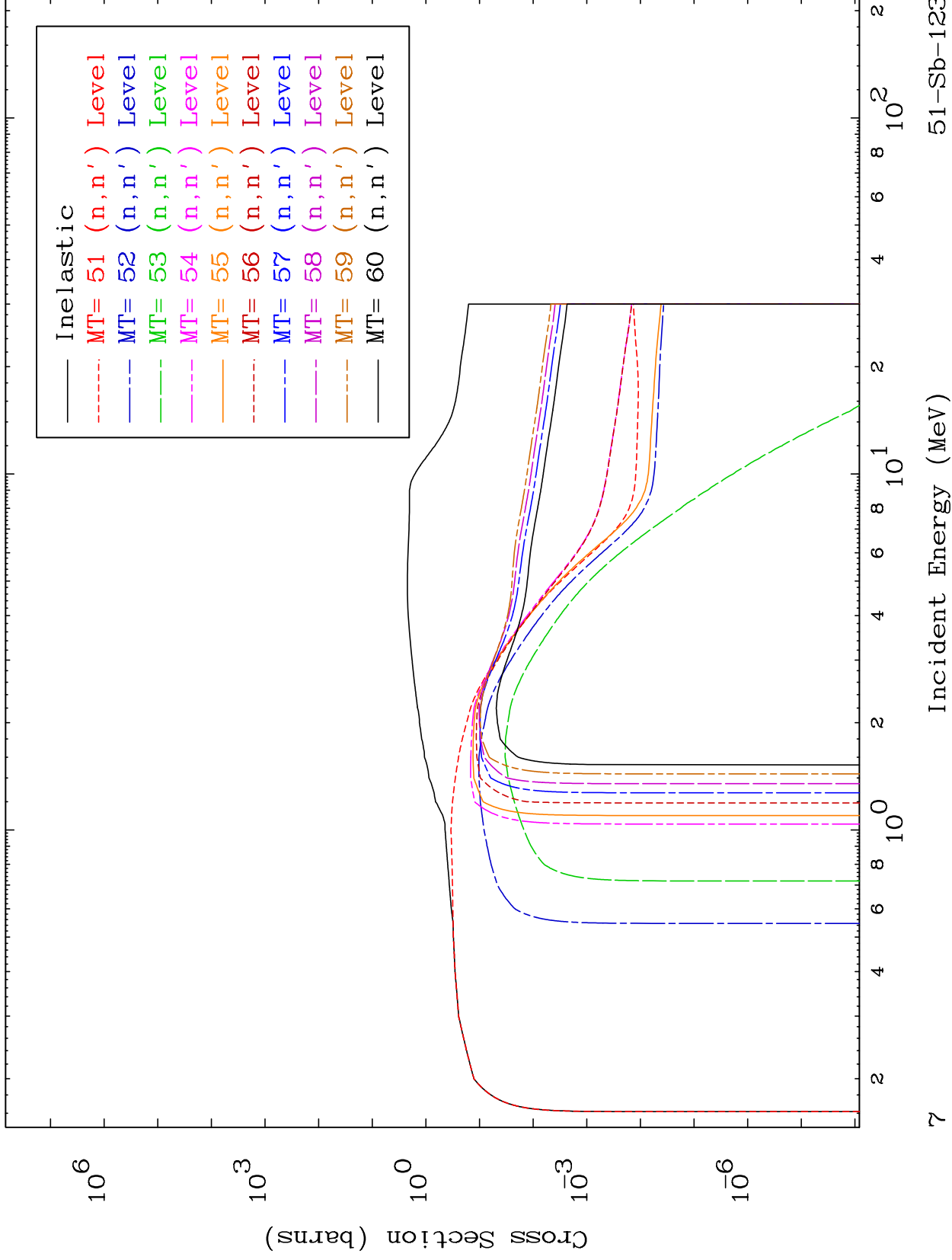


51-Sb-123

Incident Energy (MeV)

6

293 Kelvin Cross Sections

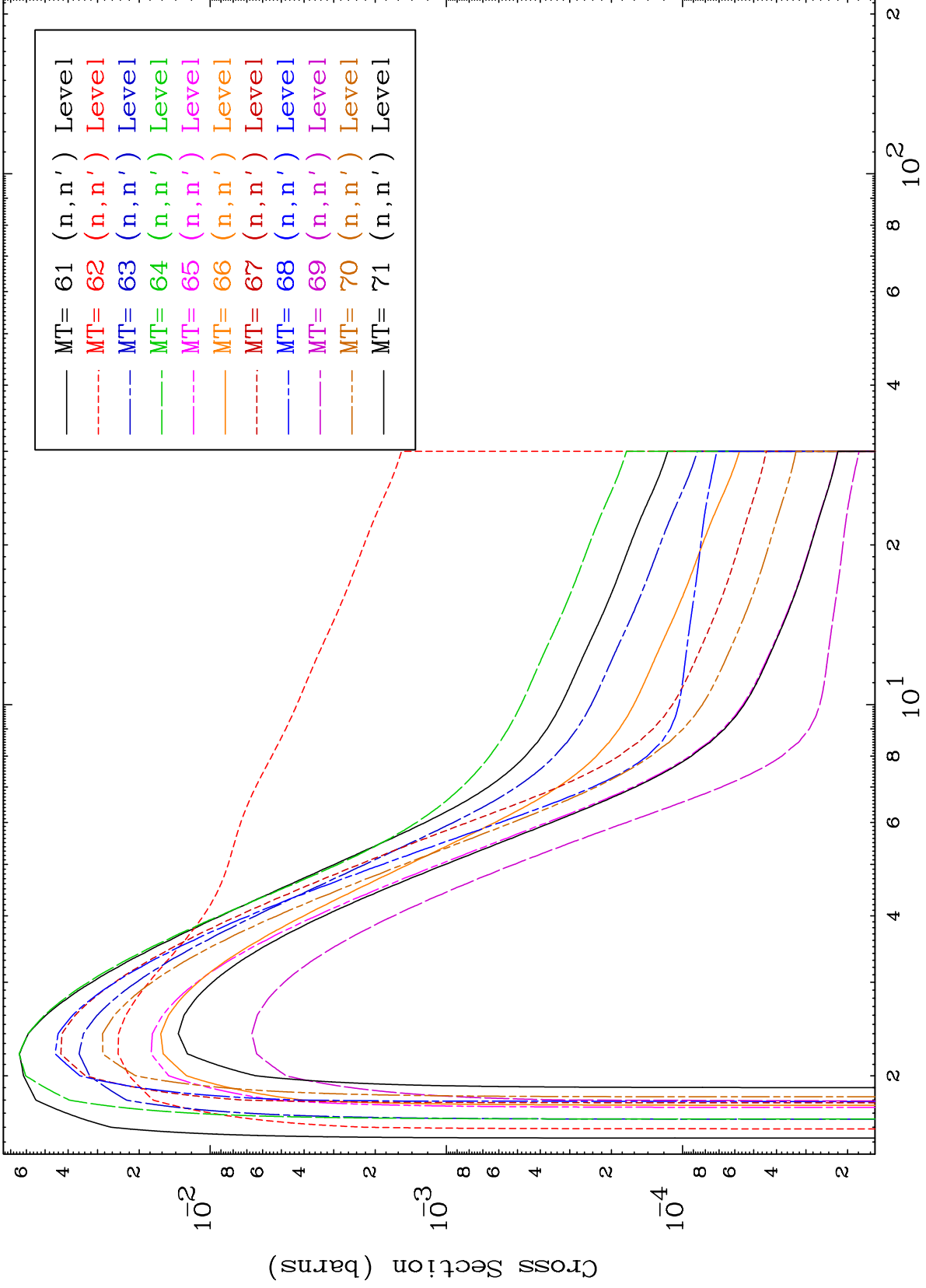


MAT 5131

(n,n') Level

51-Sb-123

293 Kelvin Cross Sections

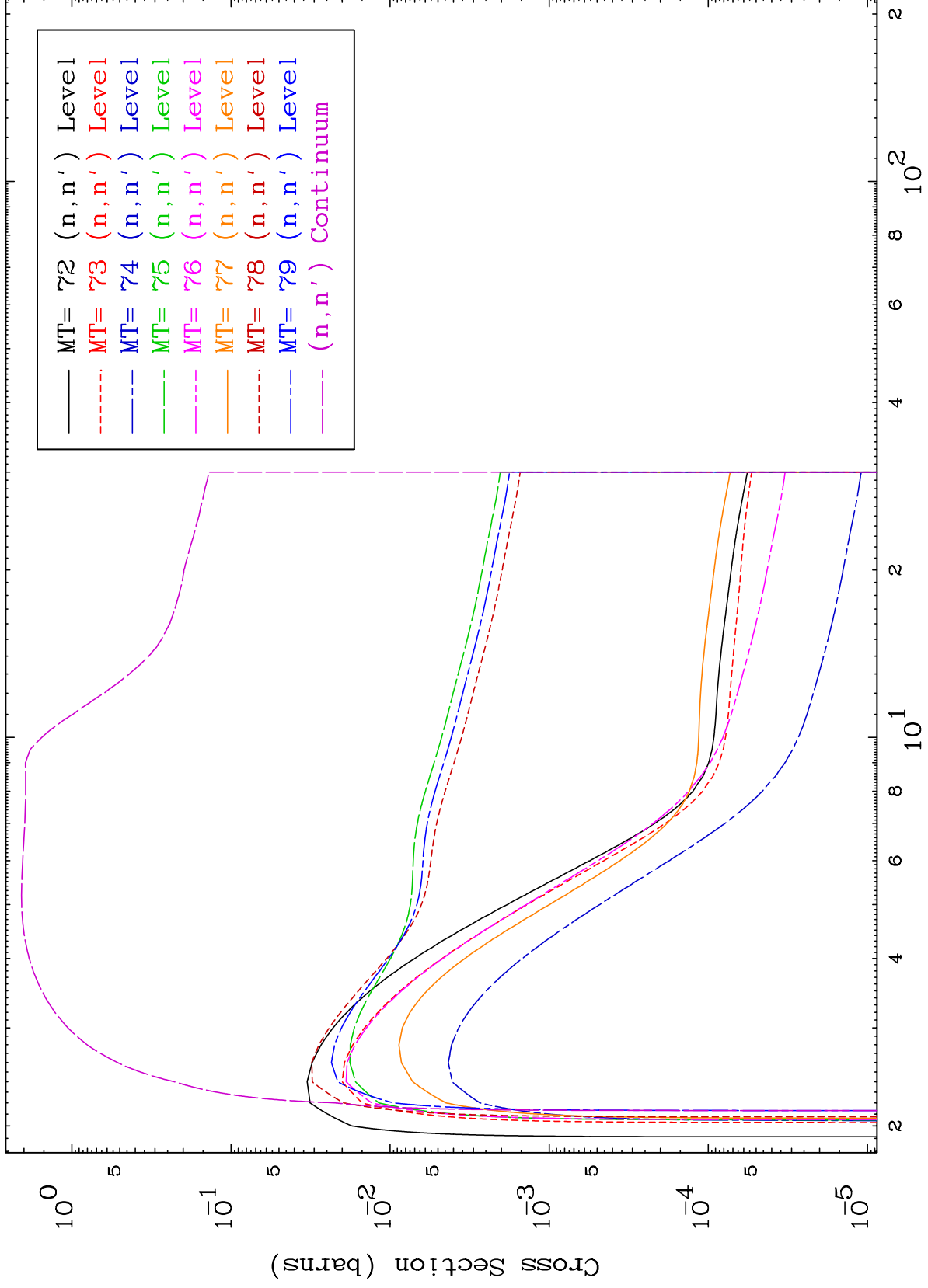


8

Incident Energy (MeV)

51-Sb-123

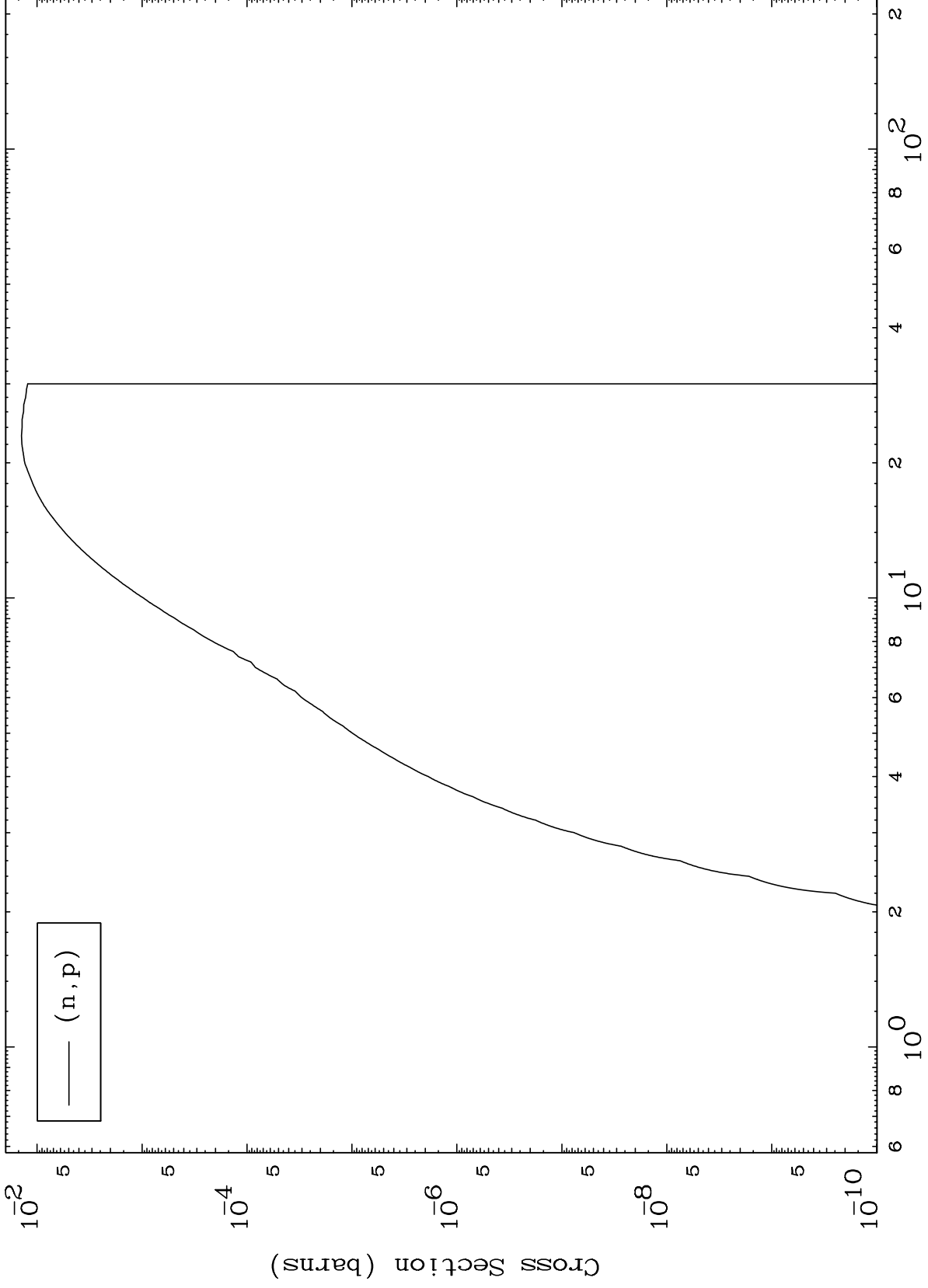
293 Kelvin Cross Sections



MAT 5131

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-123



10

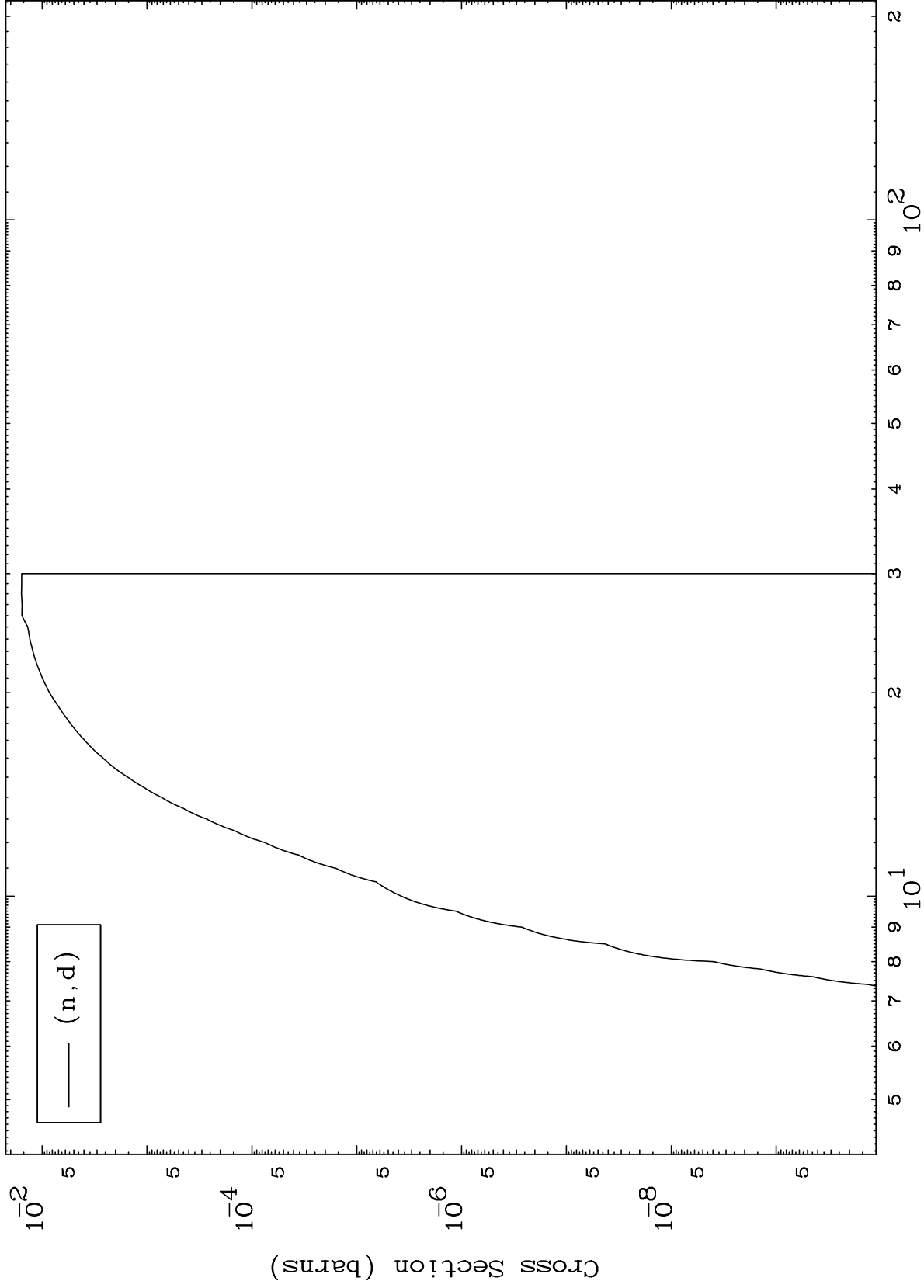
Incident Energy (MeV)

51-Sb-123

MAT 5131

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-123



11

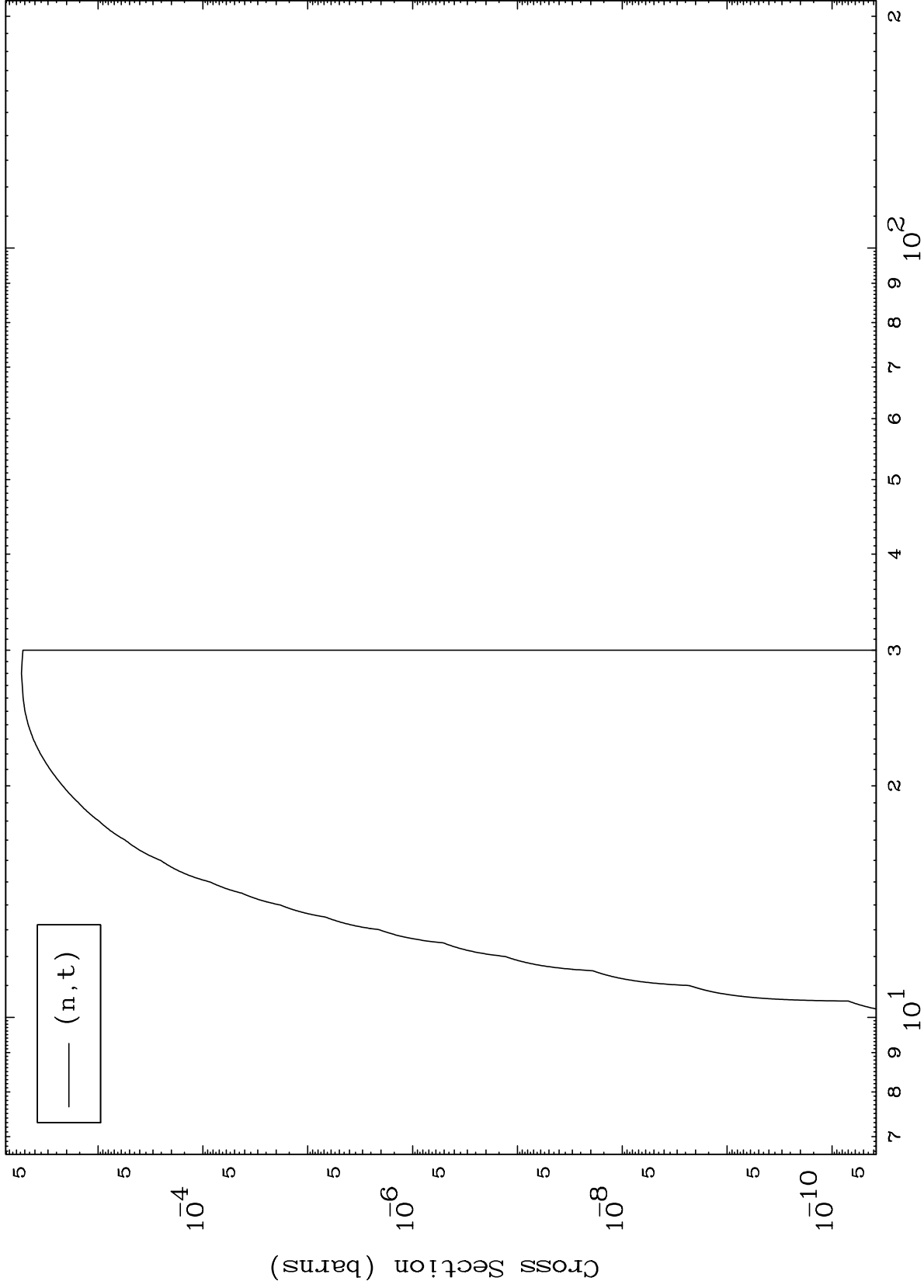
Incident Energy (MeV)

51-Sb-123

MAT 5131

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-123



12

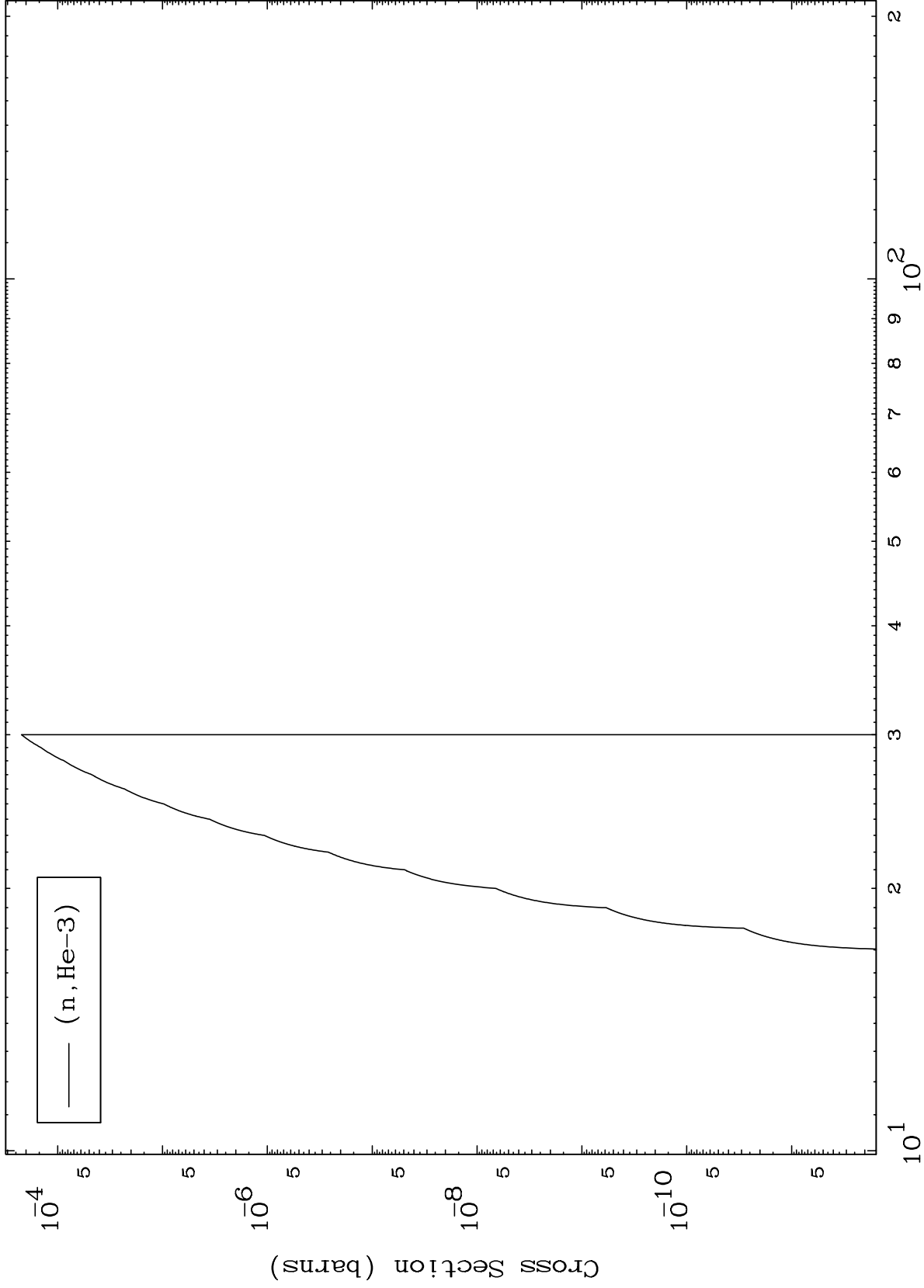
Incident Energy (MeV)

51-Sb-123

MAT 5131

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-123



13

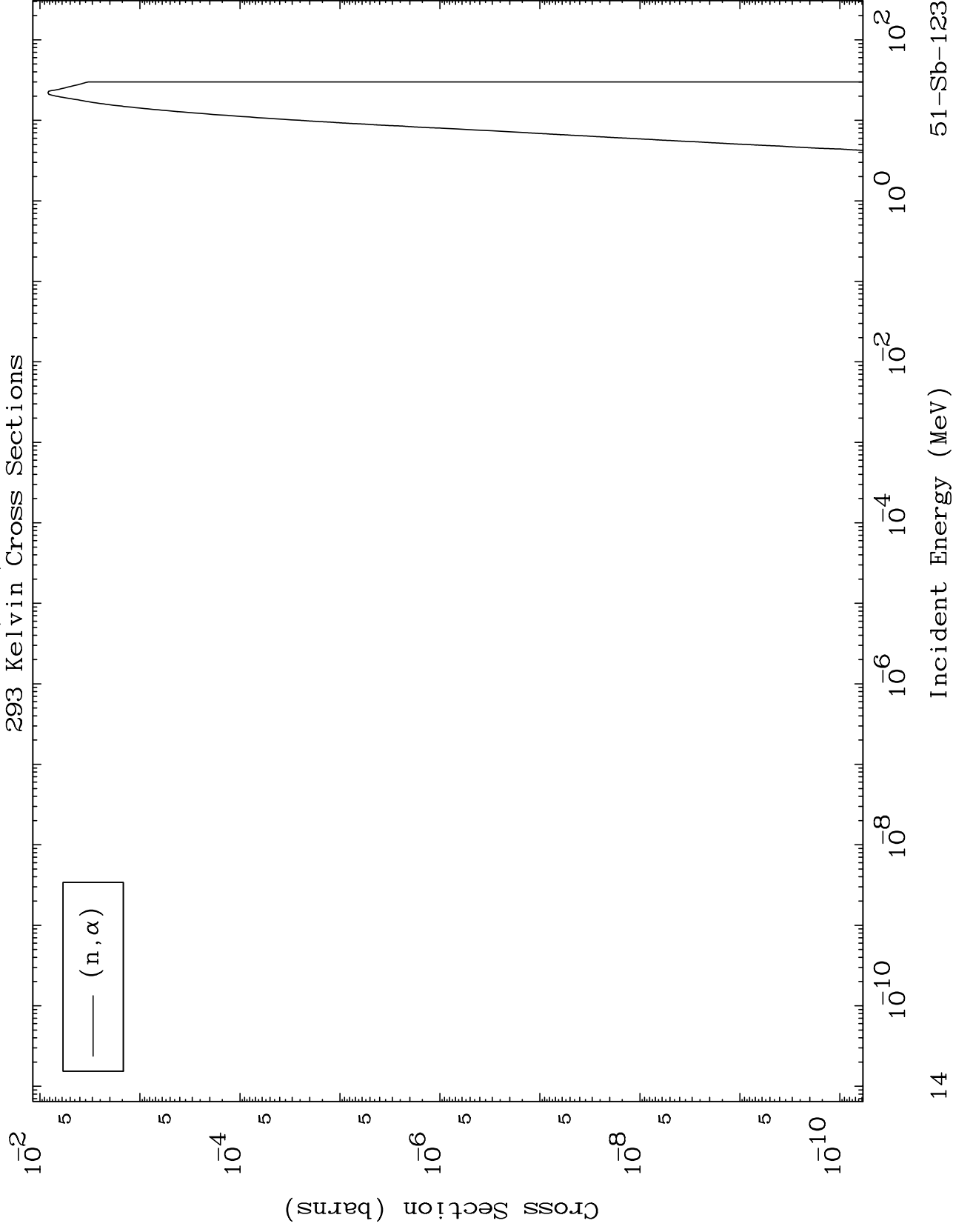
Incident Energy (MeV)

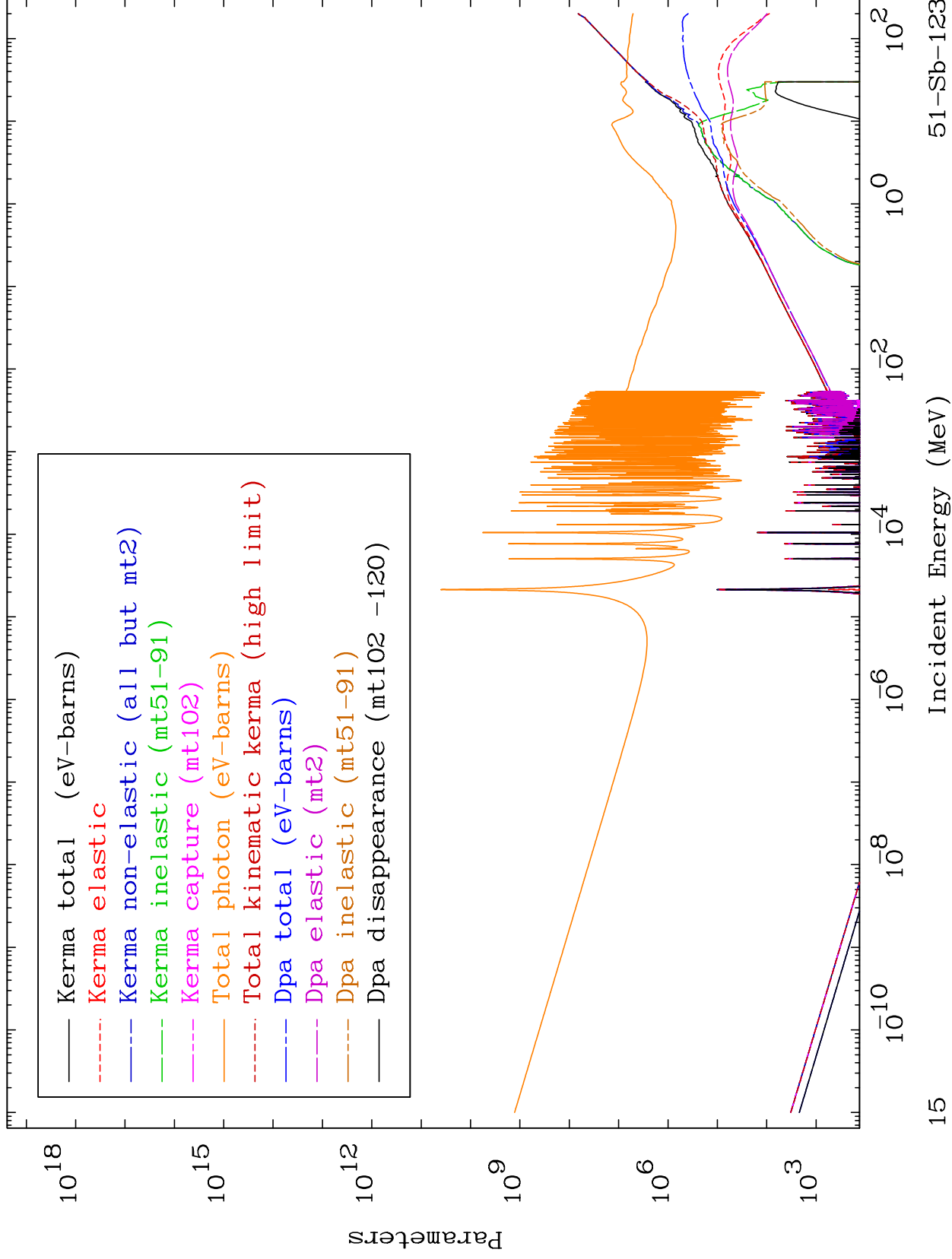
51-Sb-123

MAT 5131

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-123

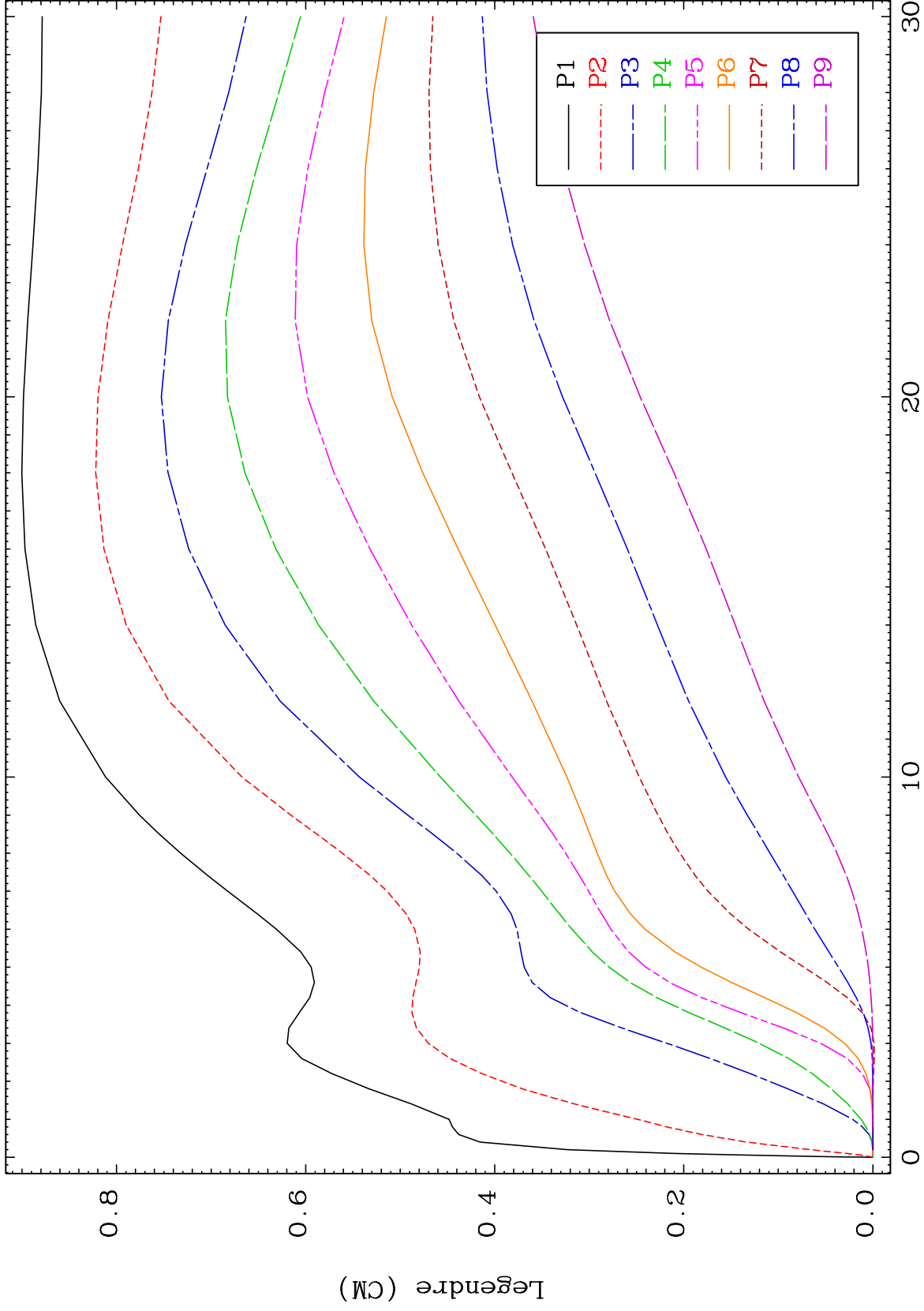




MAT 5131

Elastic Legendre Coefficients

51-Sb-123



16

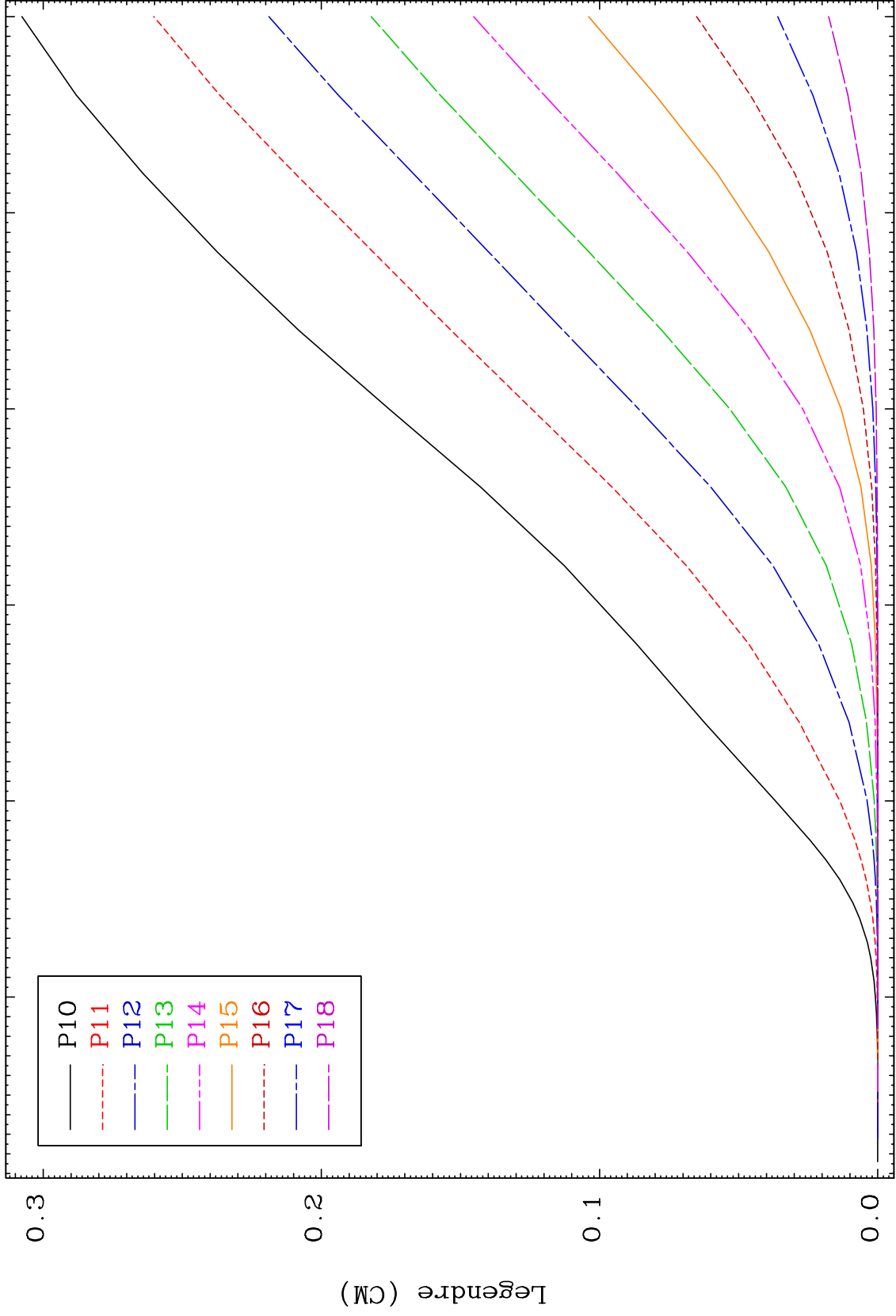
Incident Energy (MeV)

51-Sb-123

MAT 5131

Elastic Legendre Coefficients

51-Sb-123



17

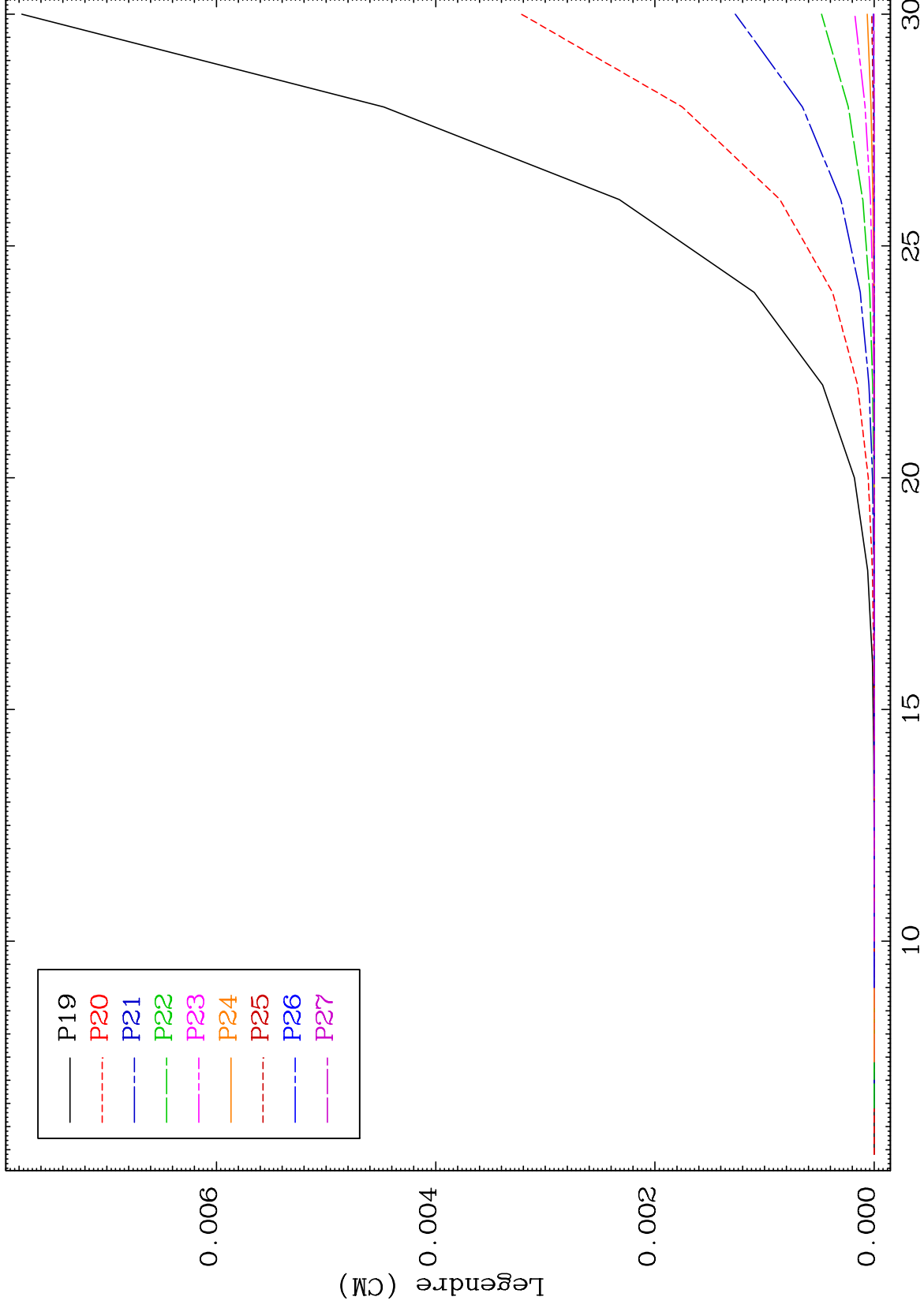
Incident Energy (MeV)

51-Sb-123

MAT 5131

Elastic Legendre Coefficients

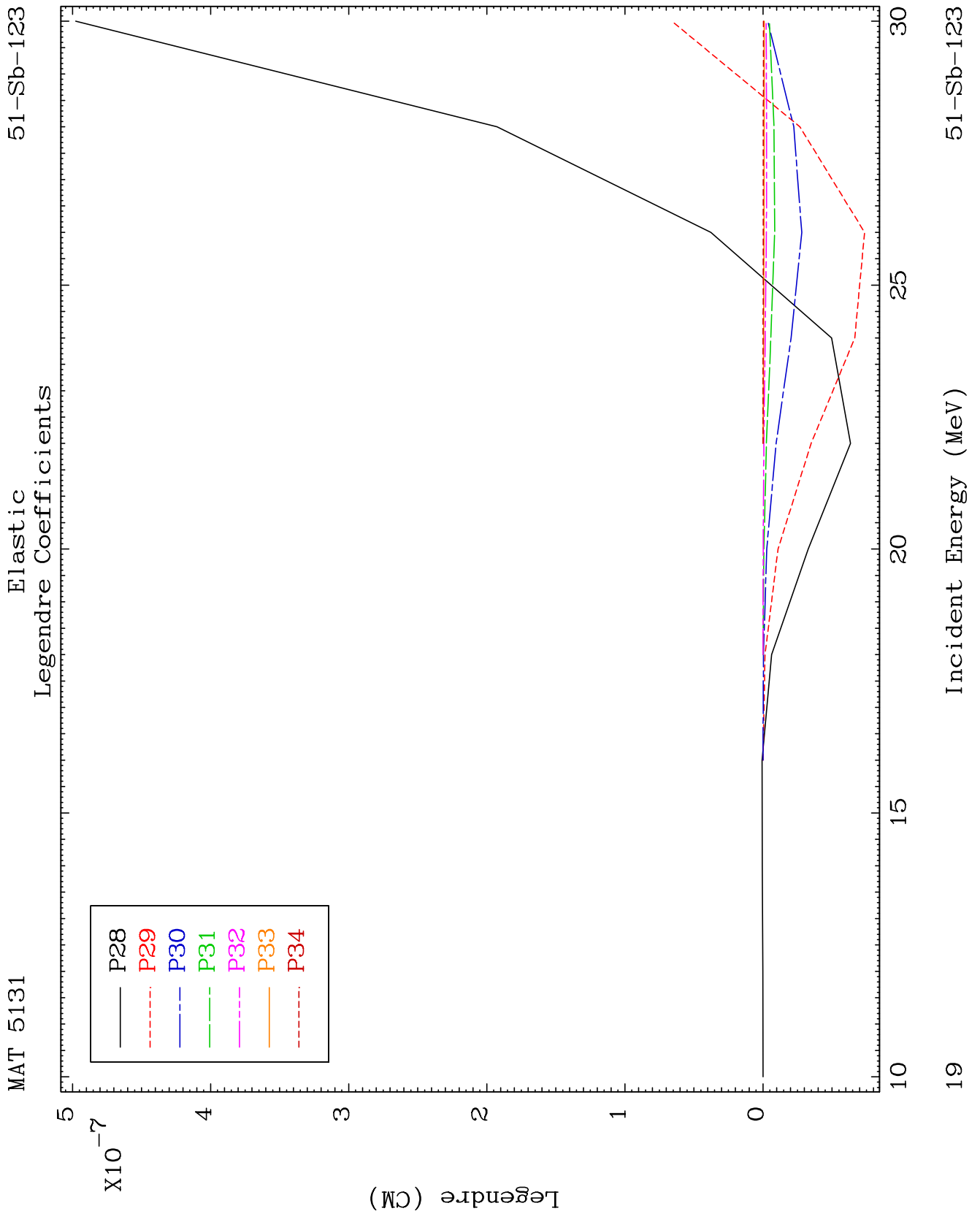
51-Sb-123



18

Incident Energy (MeV)

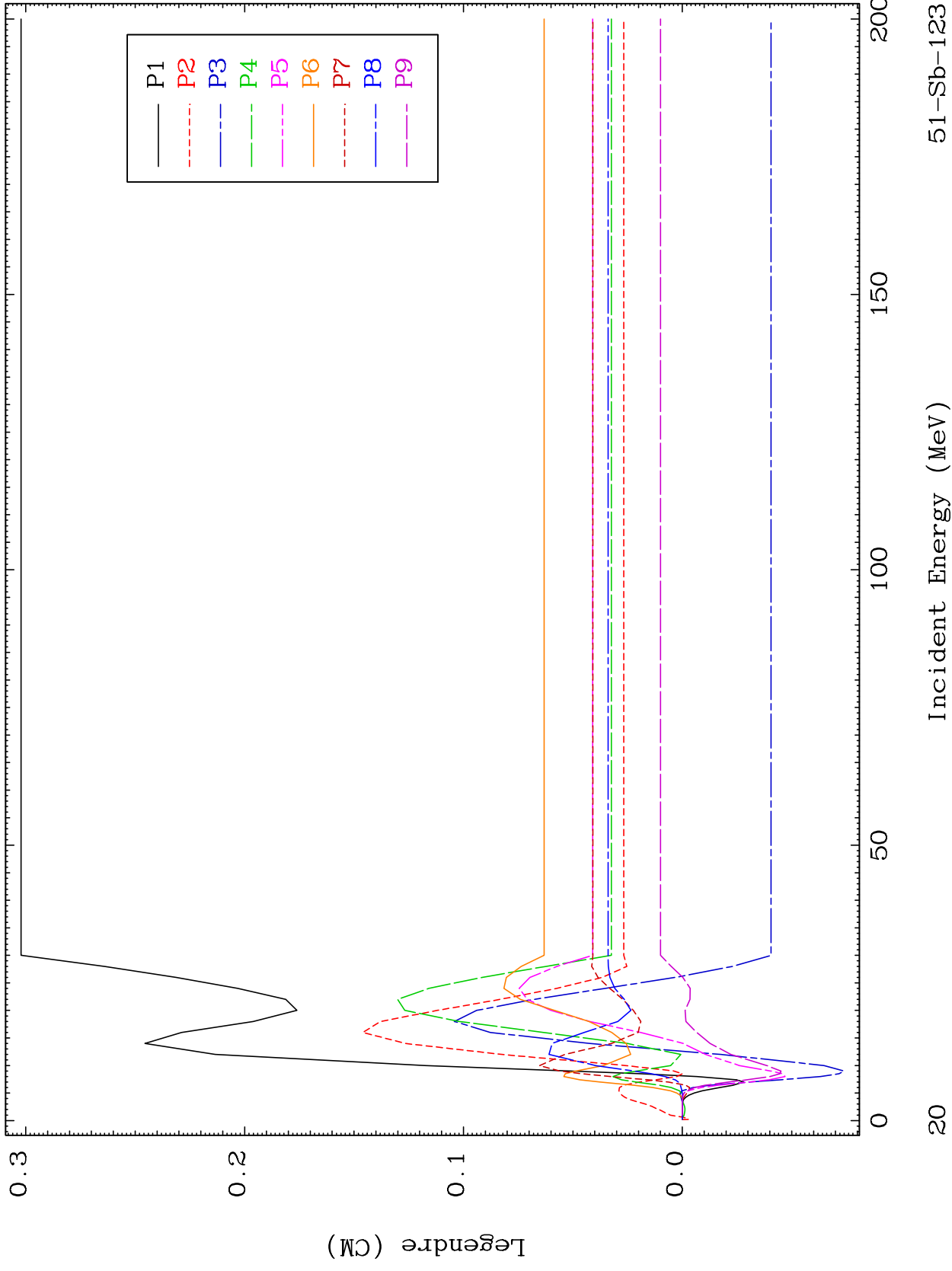
51-Sb-123



MAT 5131

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

51-Sb-123



51-Sb-123

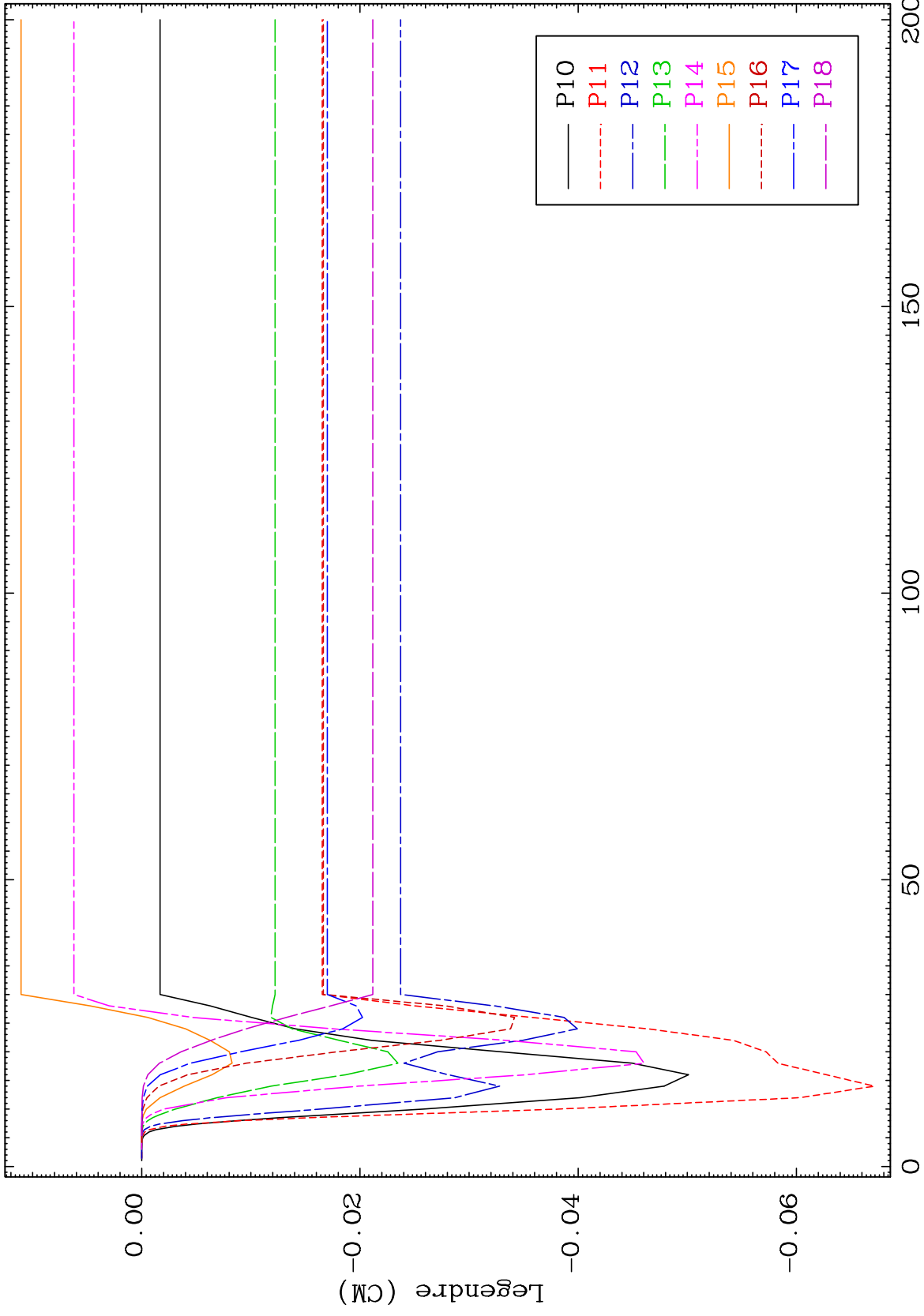
Incident Energy (MeV)

20

MAT 5131

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

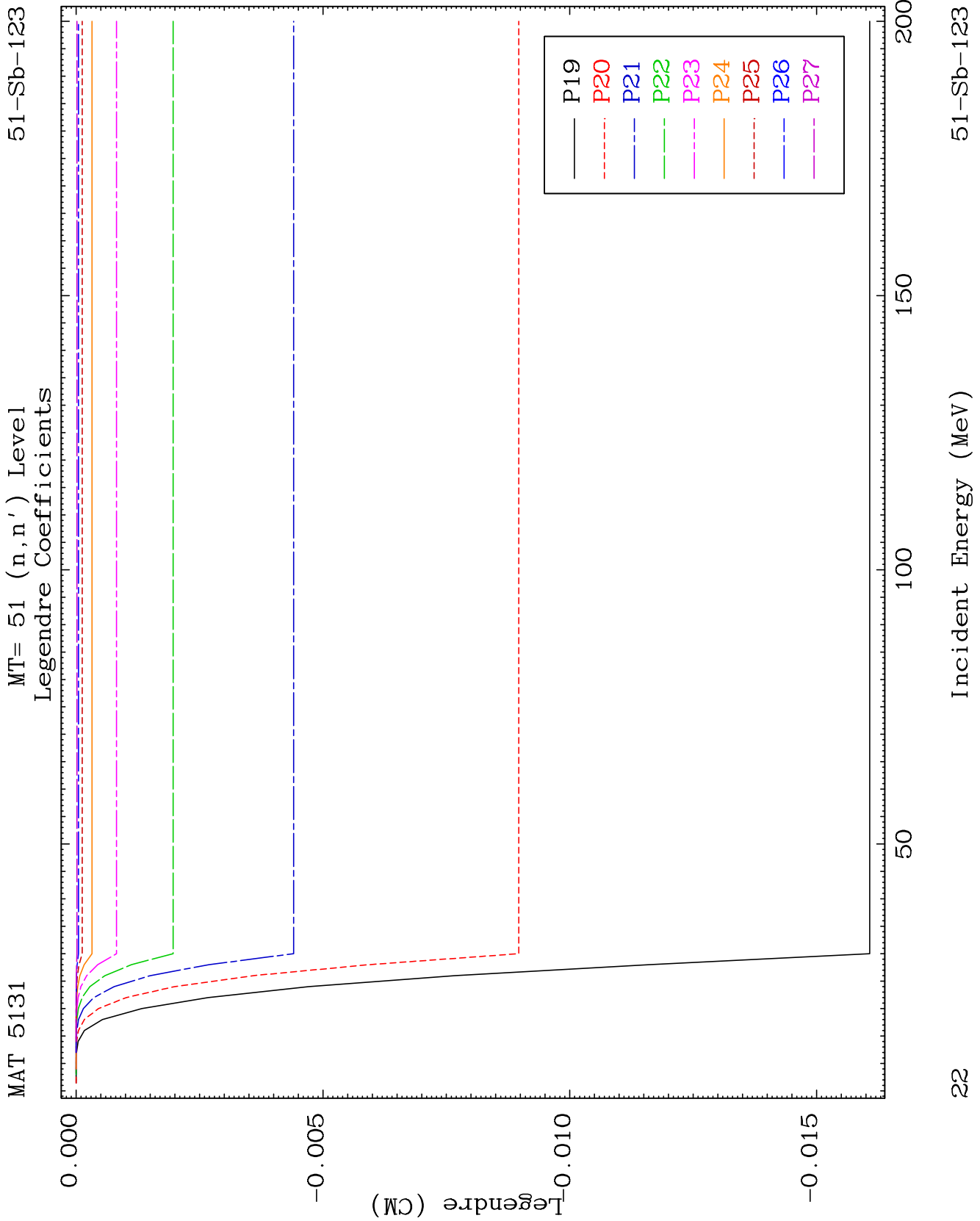
51-Sb-123



21

Incident Energy (MeV)

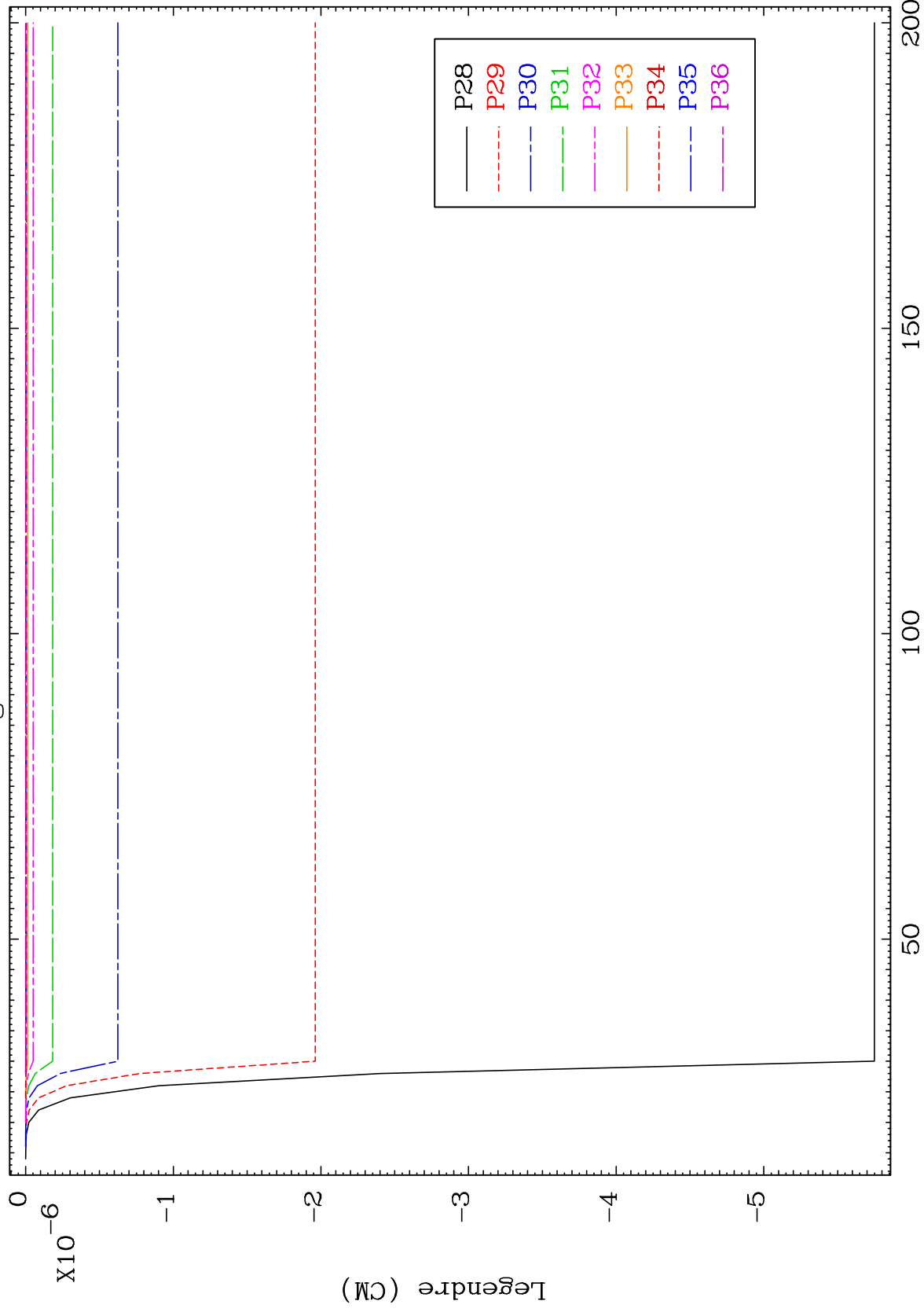
51-Sb-123



MAT 5131

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

51-Sb-123



23

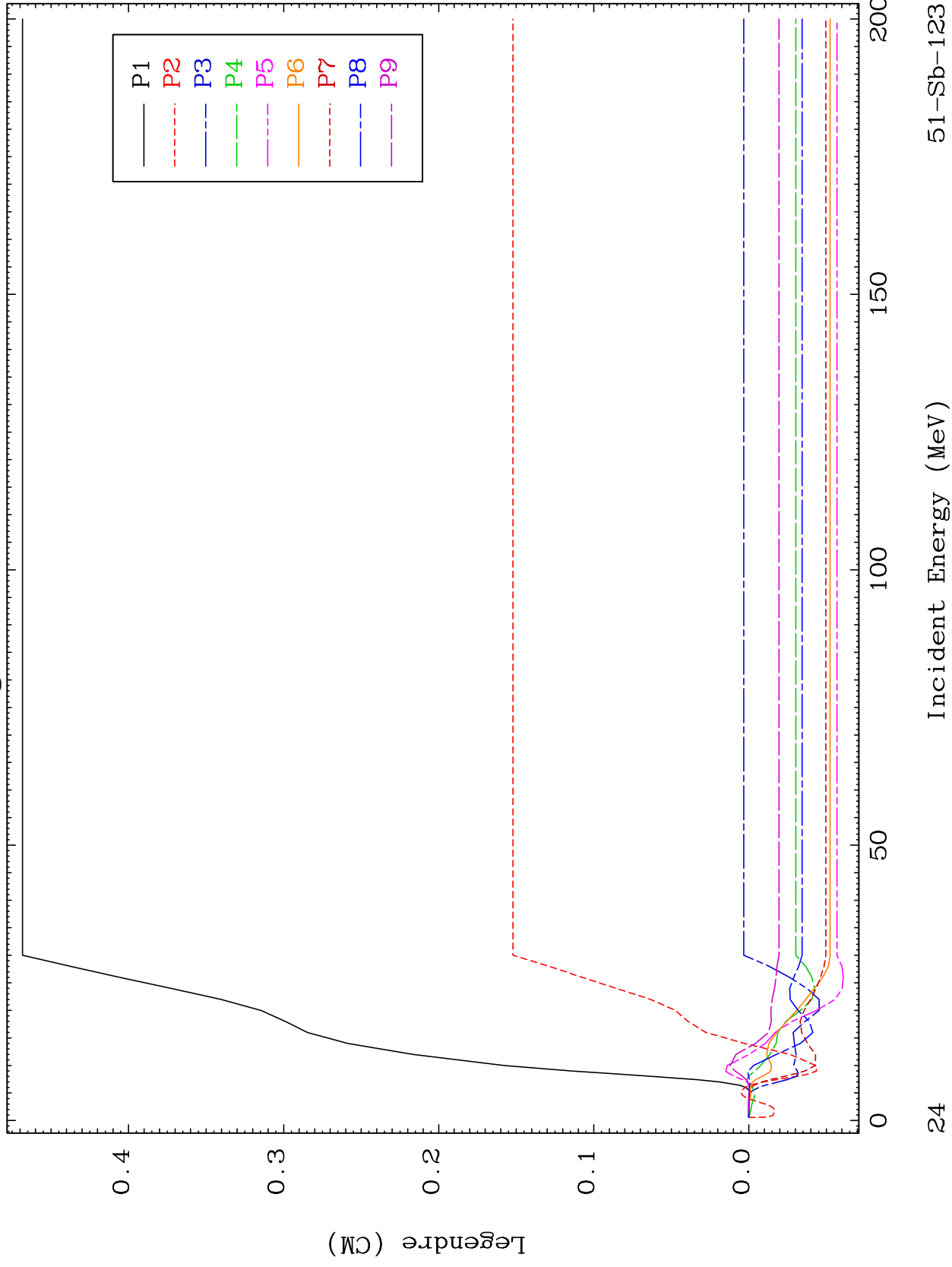
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



24

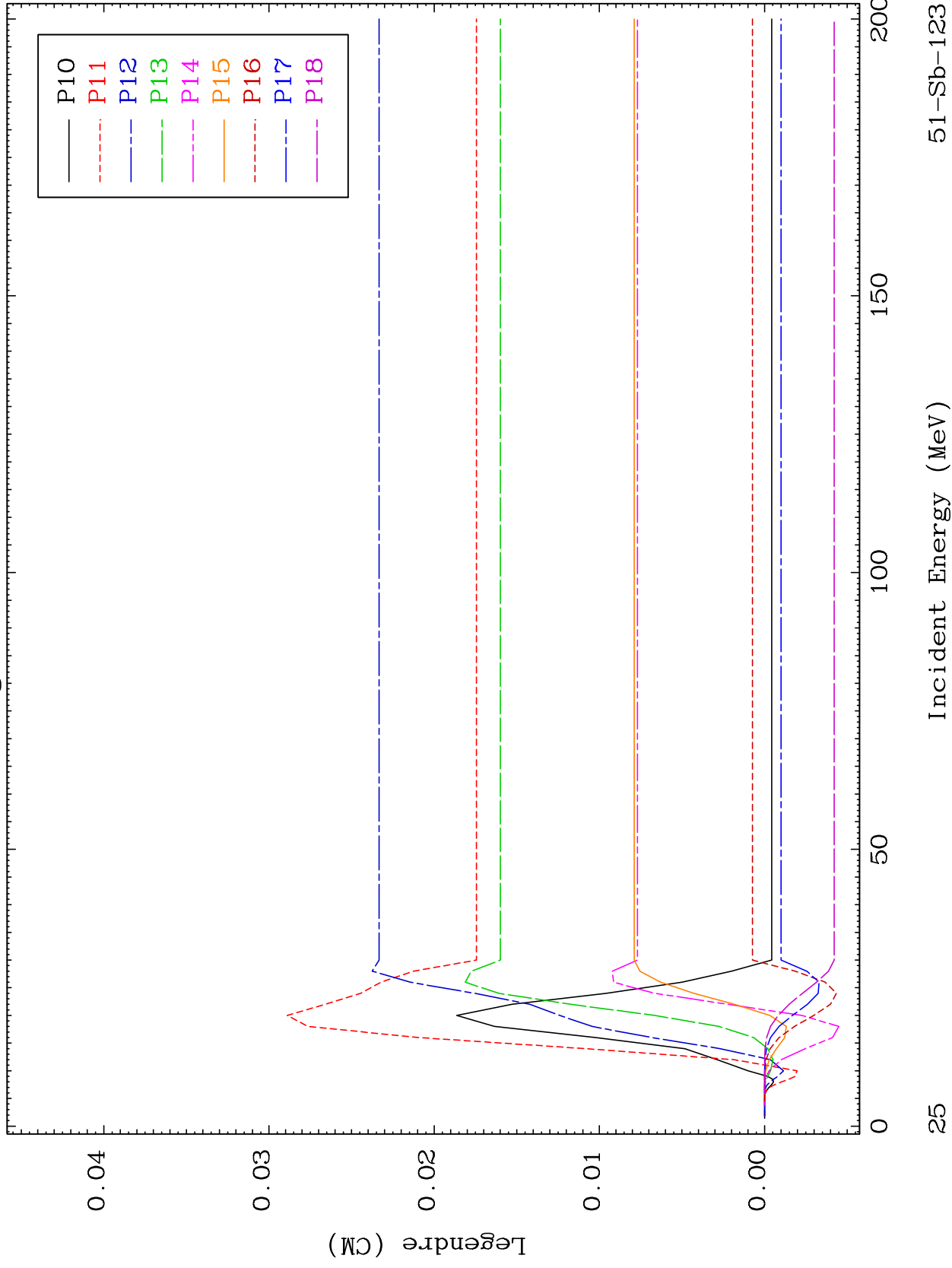
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

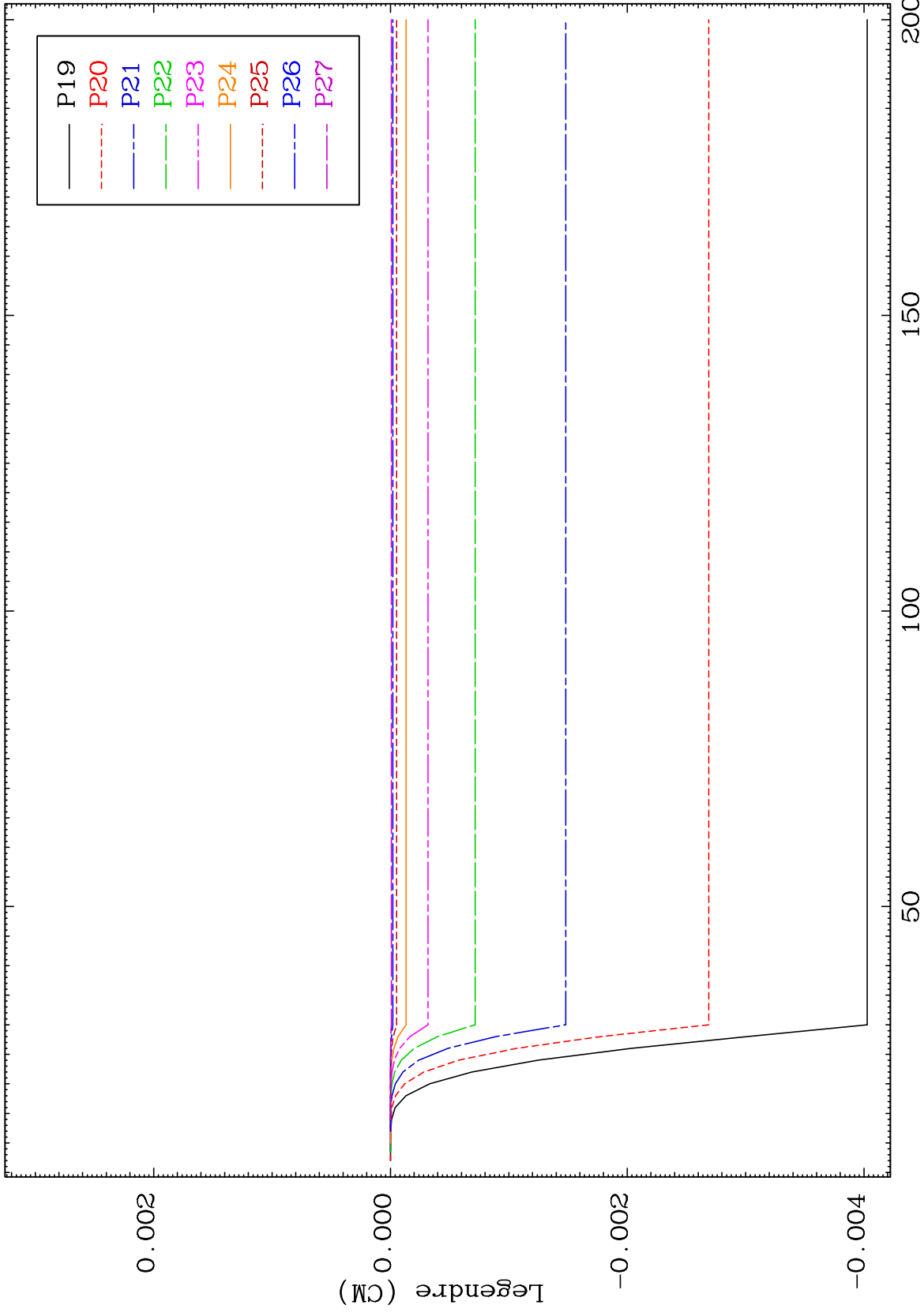
51-Sb-123



51-Sb-123

Incident Energy (MeV)

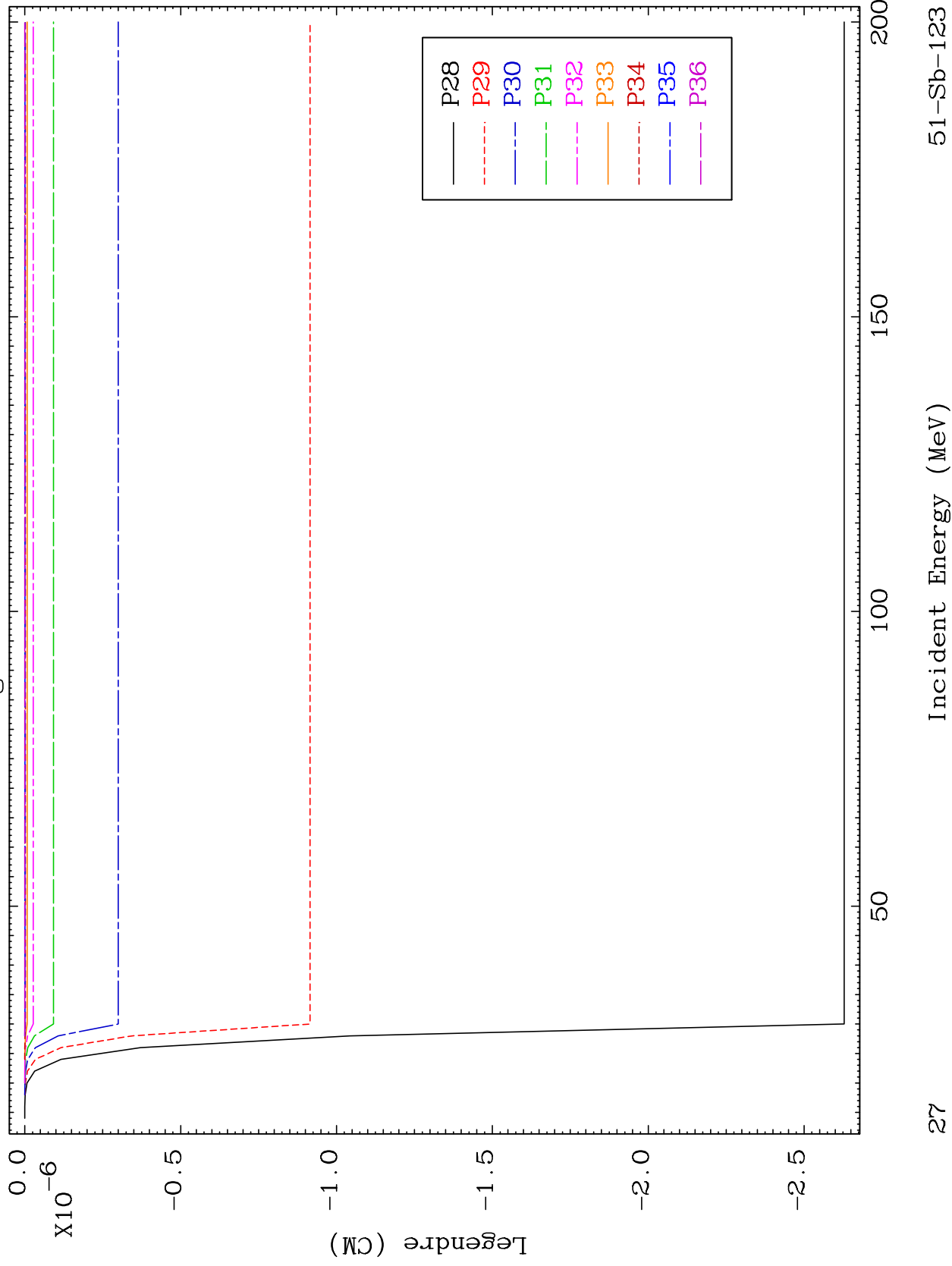
25



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51-Sb-123

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



27

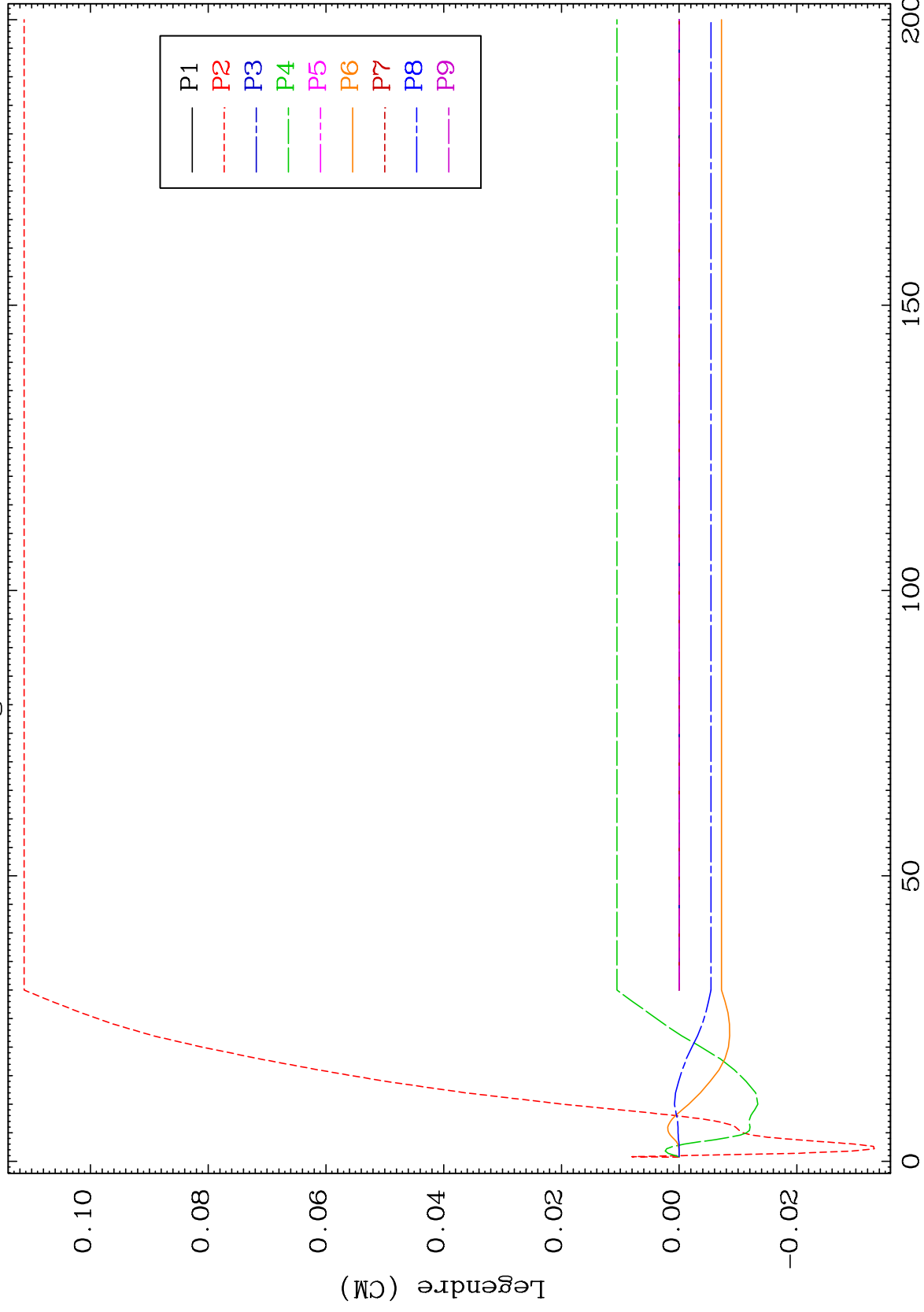
51-Sb-123

Incident Energy (MeV)

MAT 5131

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

51-Sb-123



51-Sb-123

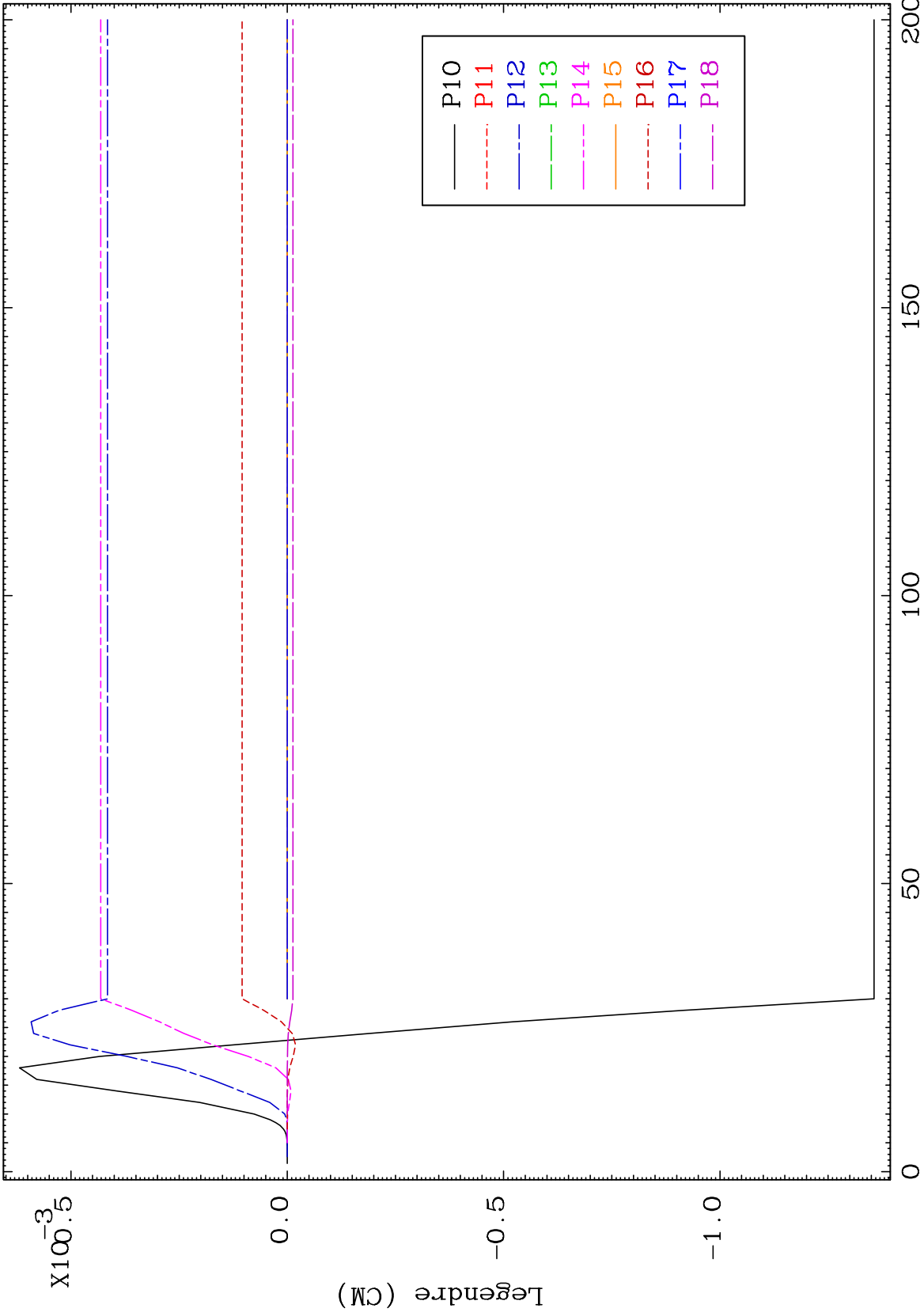
Incident Energy (MeV)

28

MAT 5131

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

51-Sb-123



29

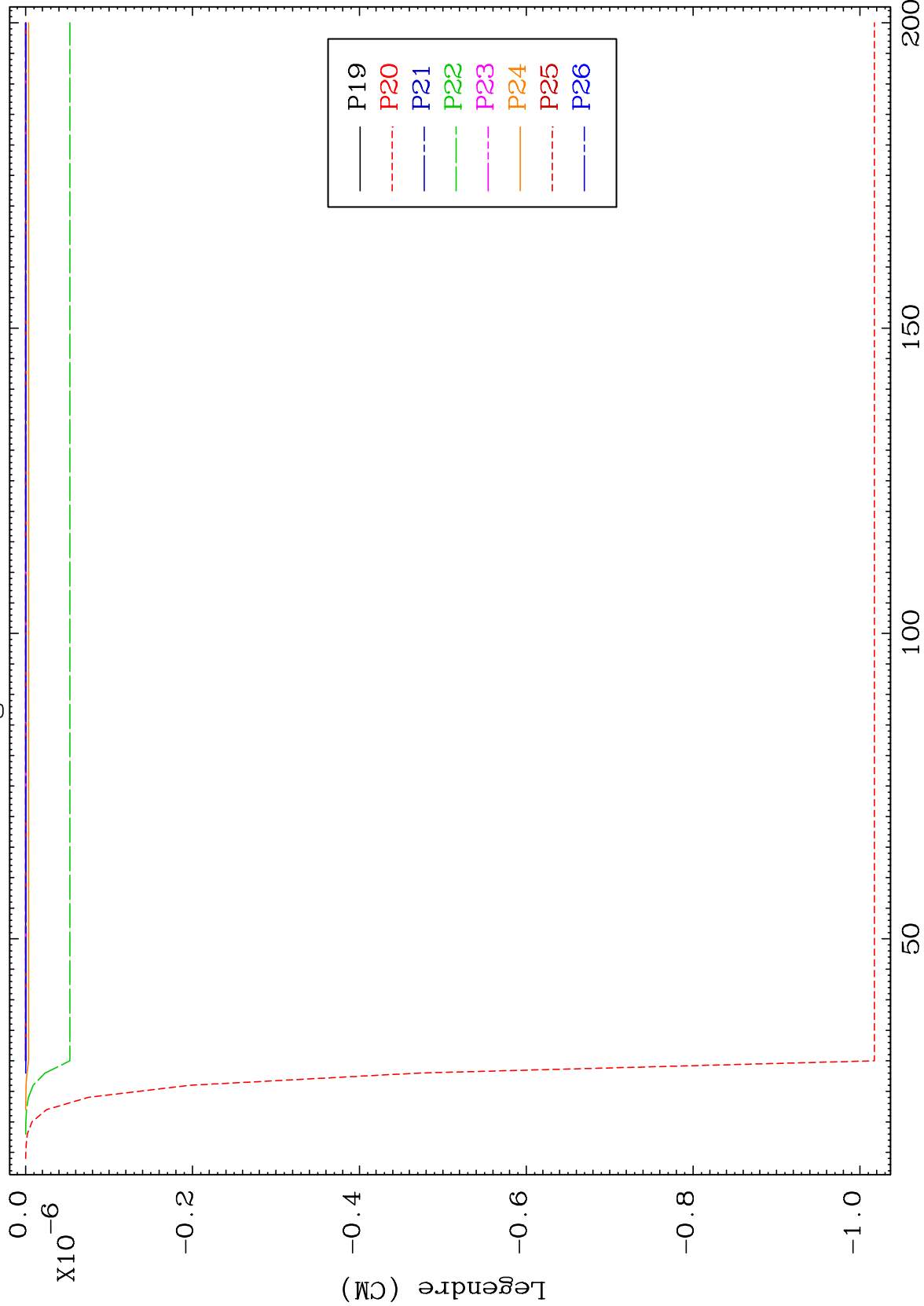
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

Incident Energy (MeV)

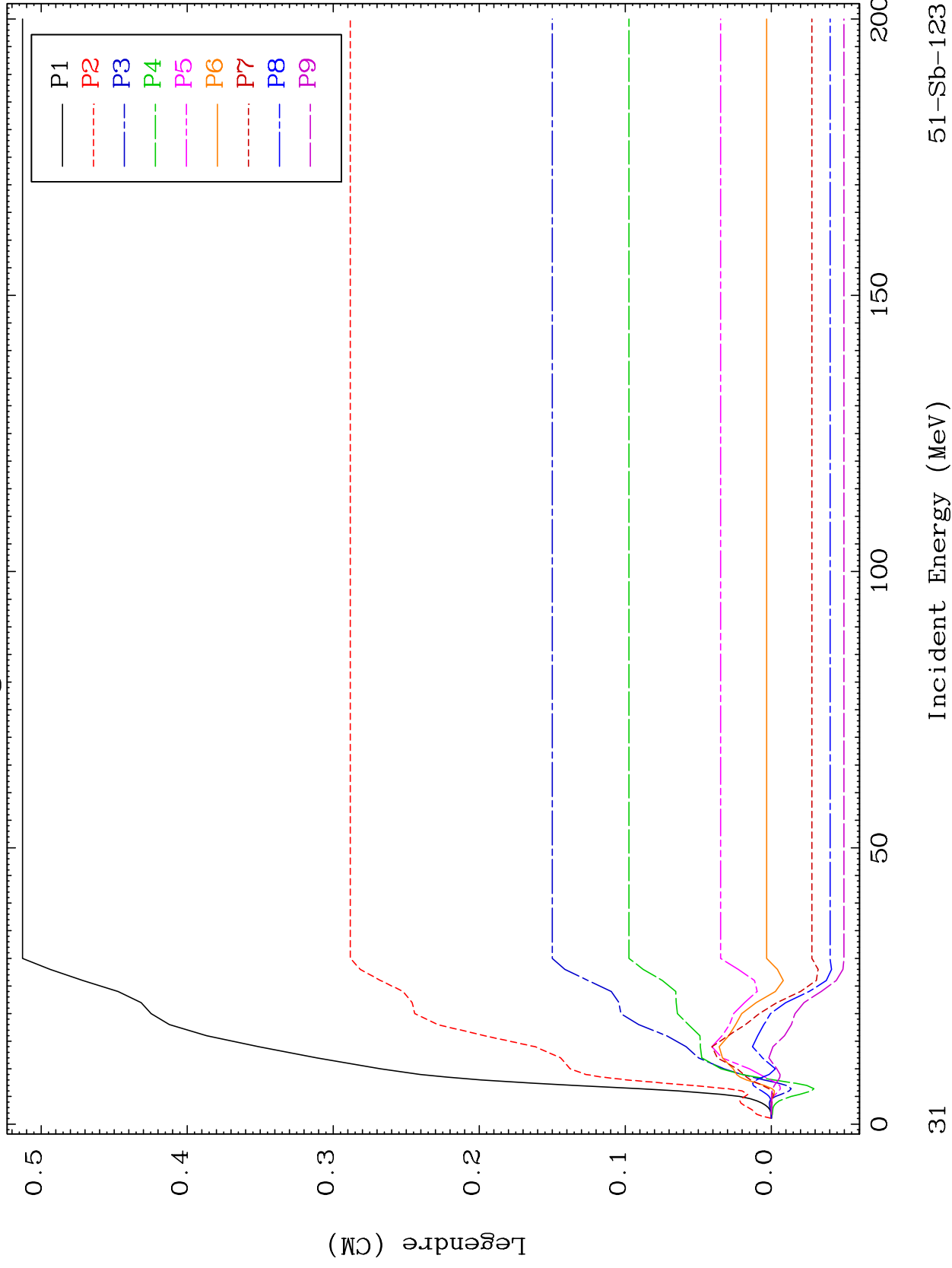
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MAT 5131

MT= 54 (n,n') Level

51-Sb-123

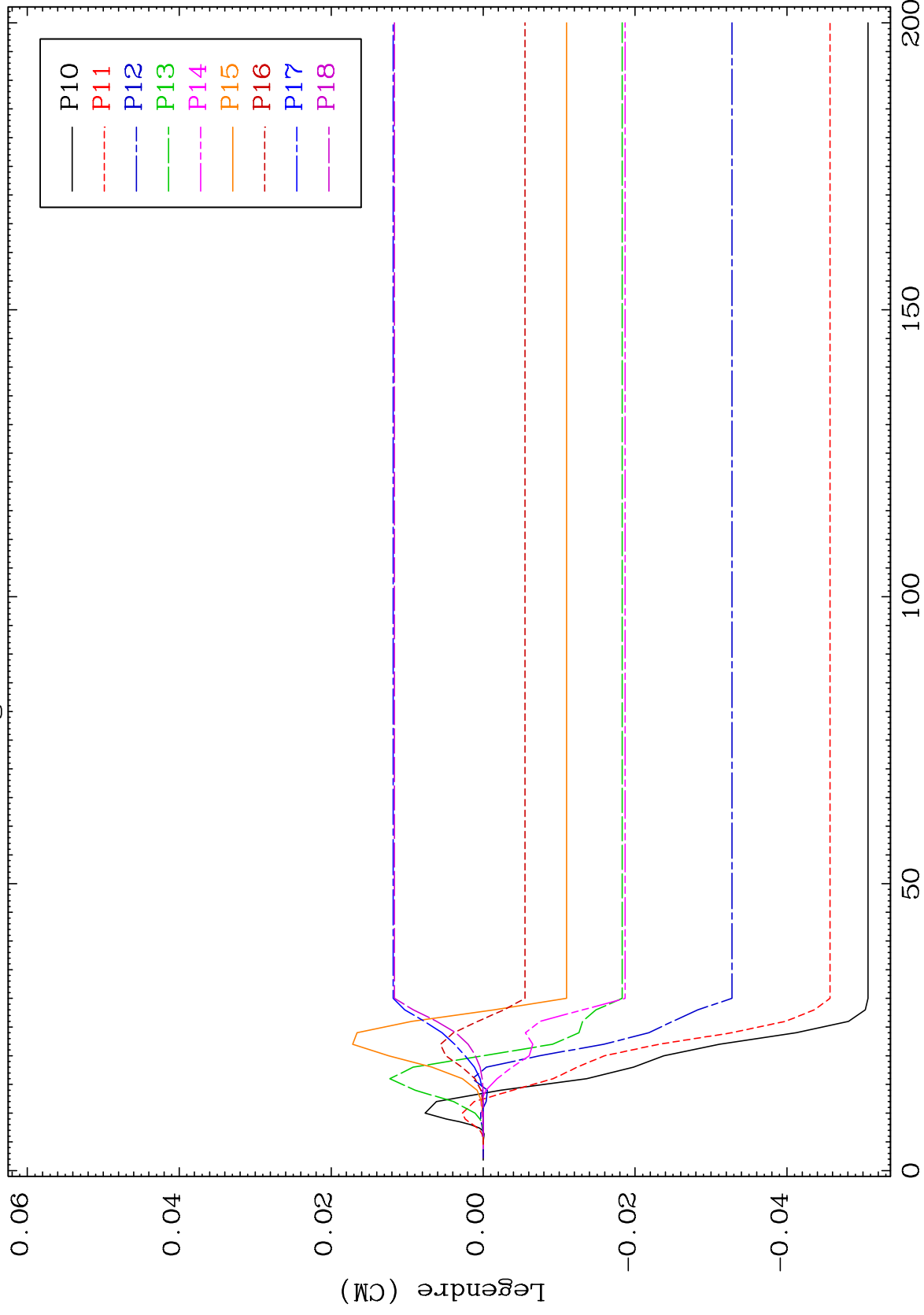
Legendre Coefficients



MAT 5131

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

51-Sb-123



32

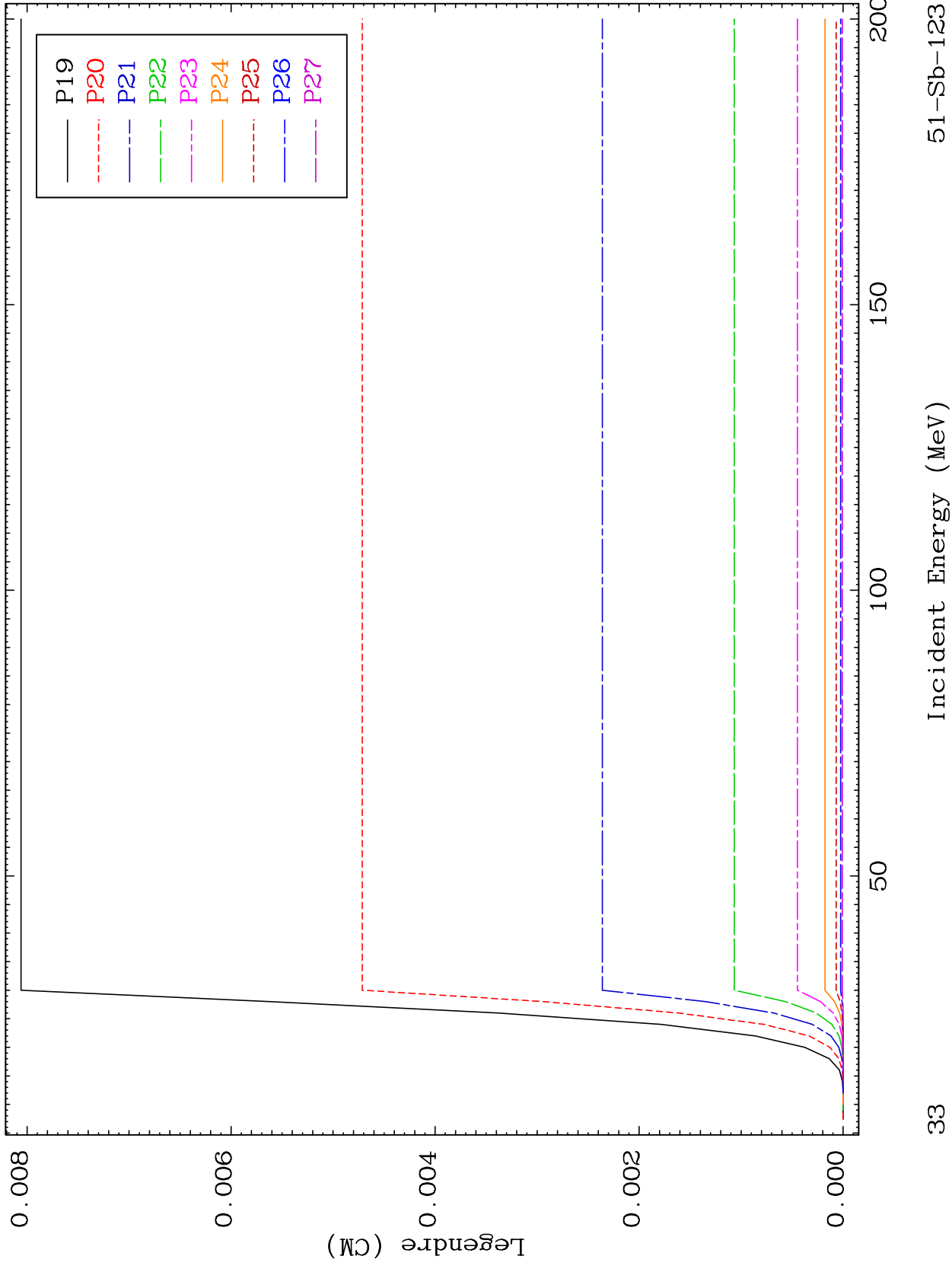
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



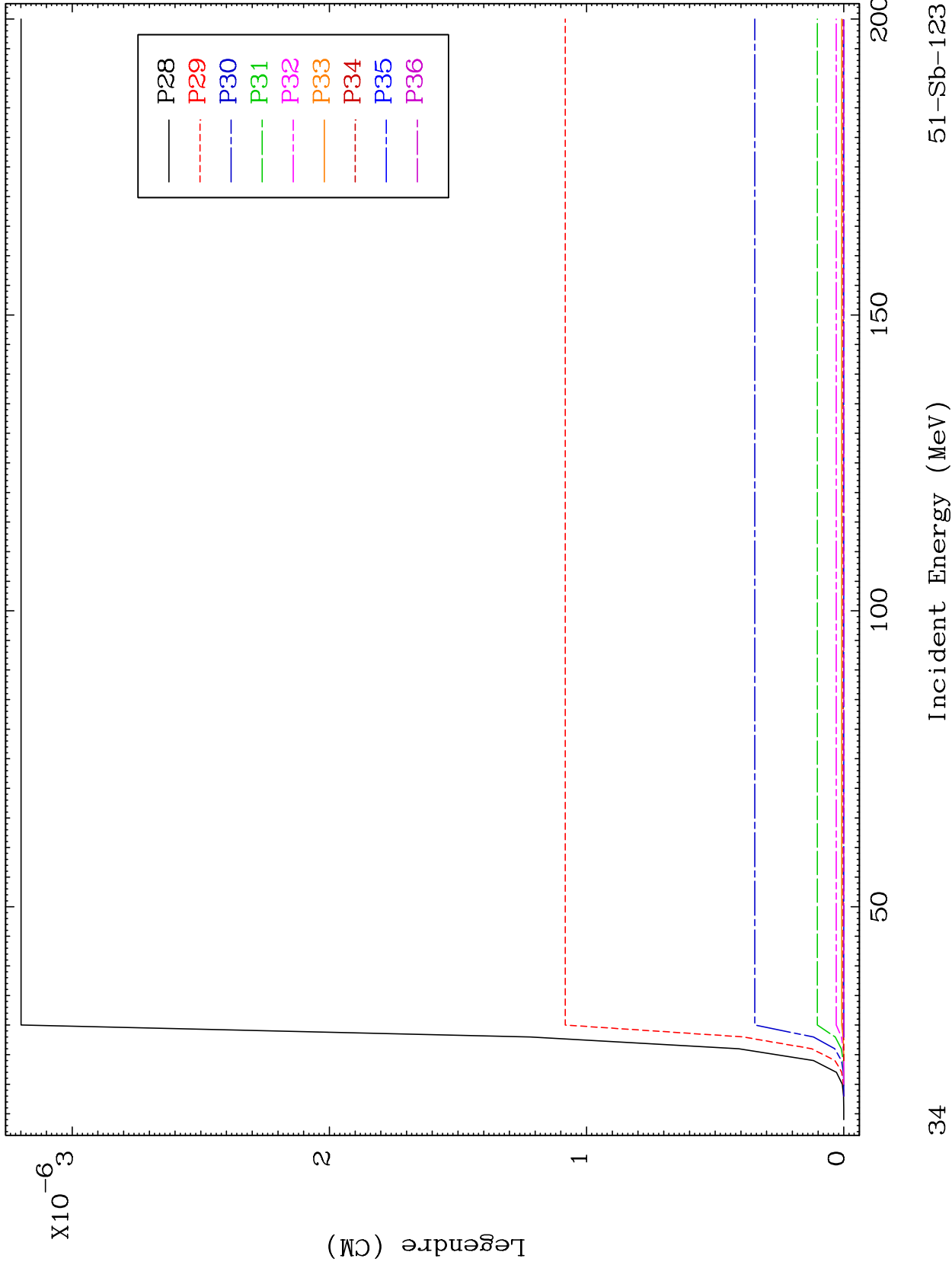
33

51-Sb-123

MAT 5131

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

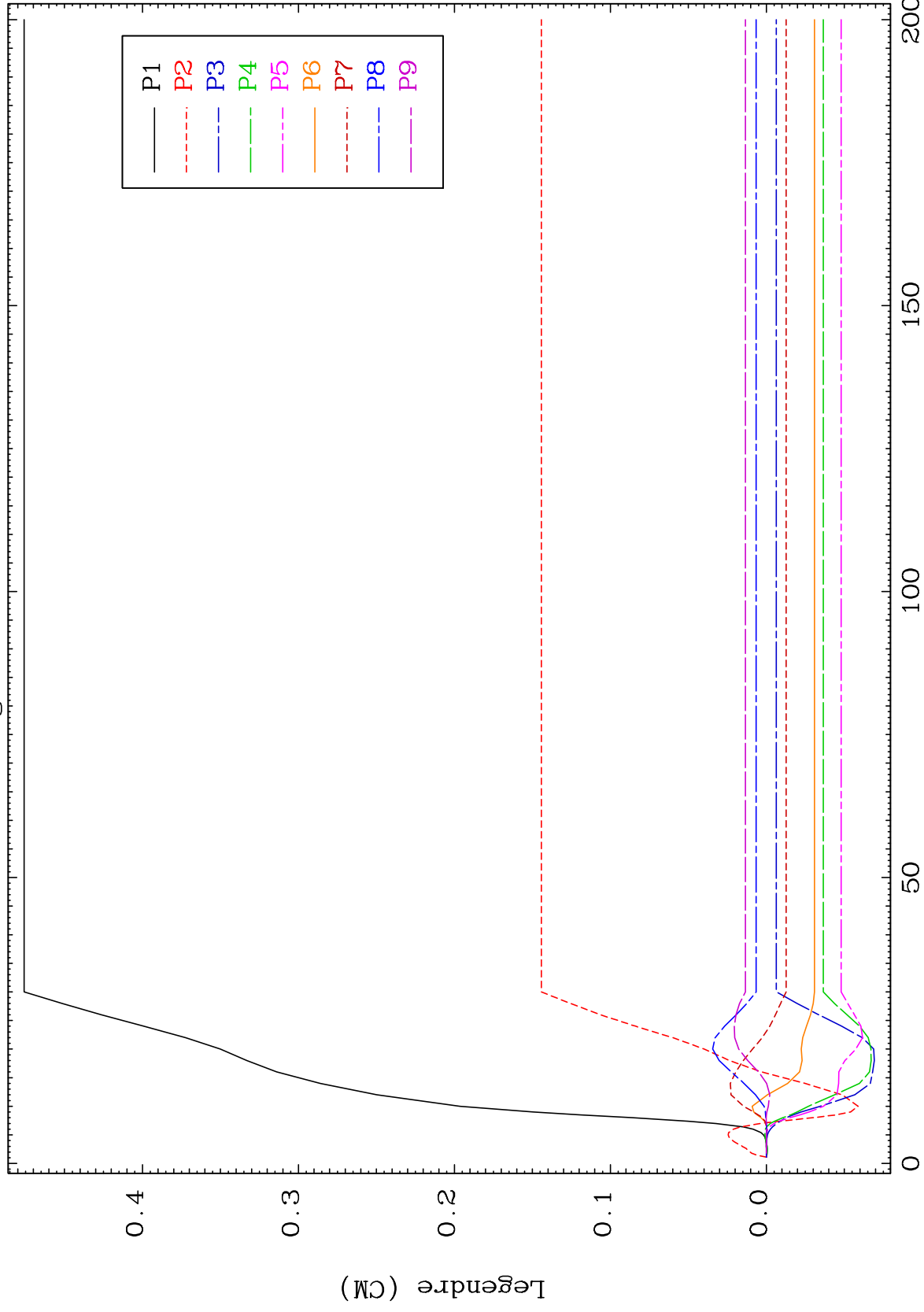
51-Sb-123



MAT 5131

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

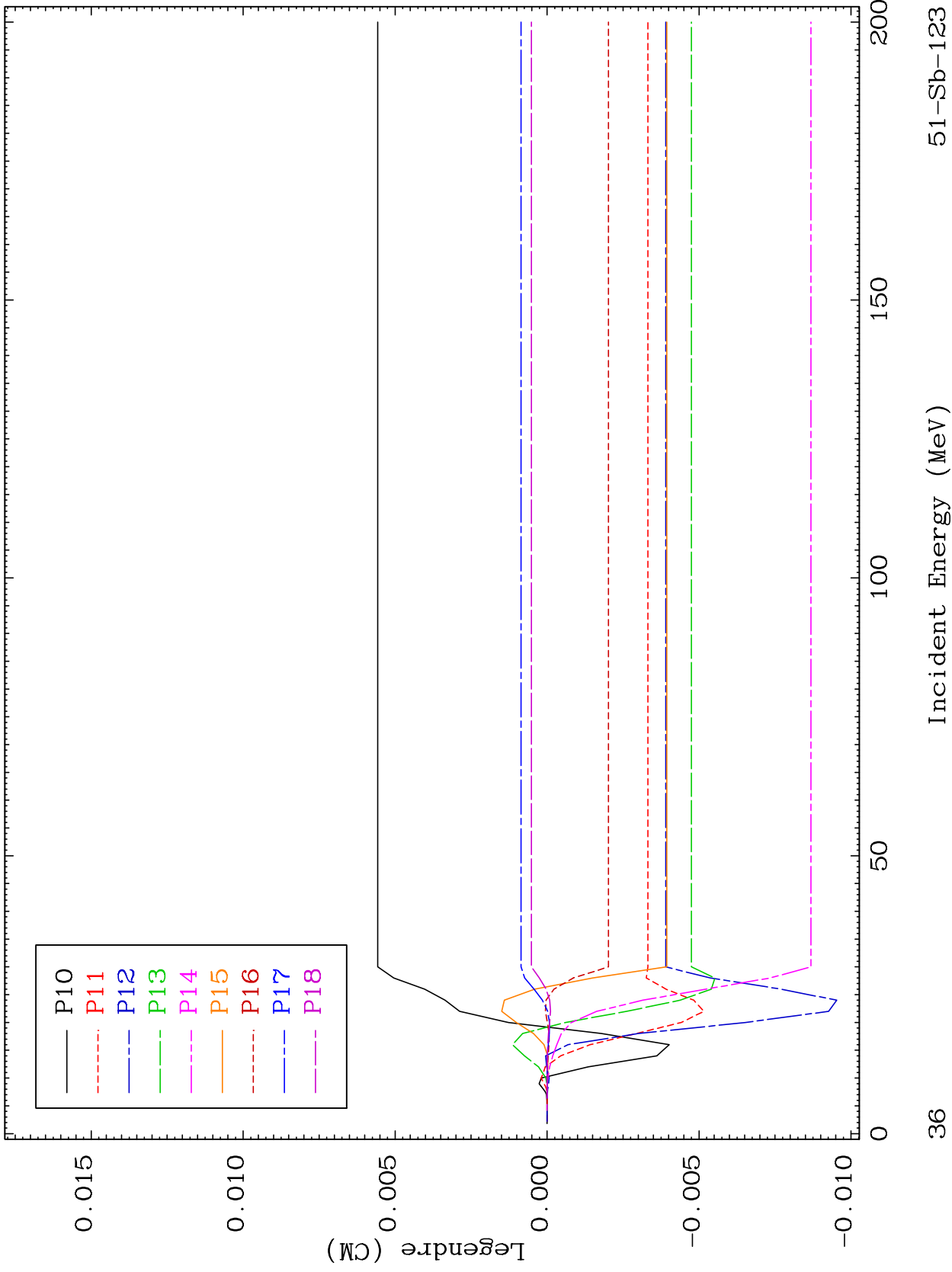
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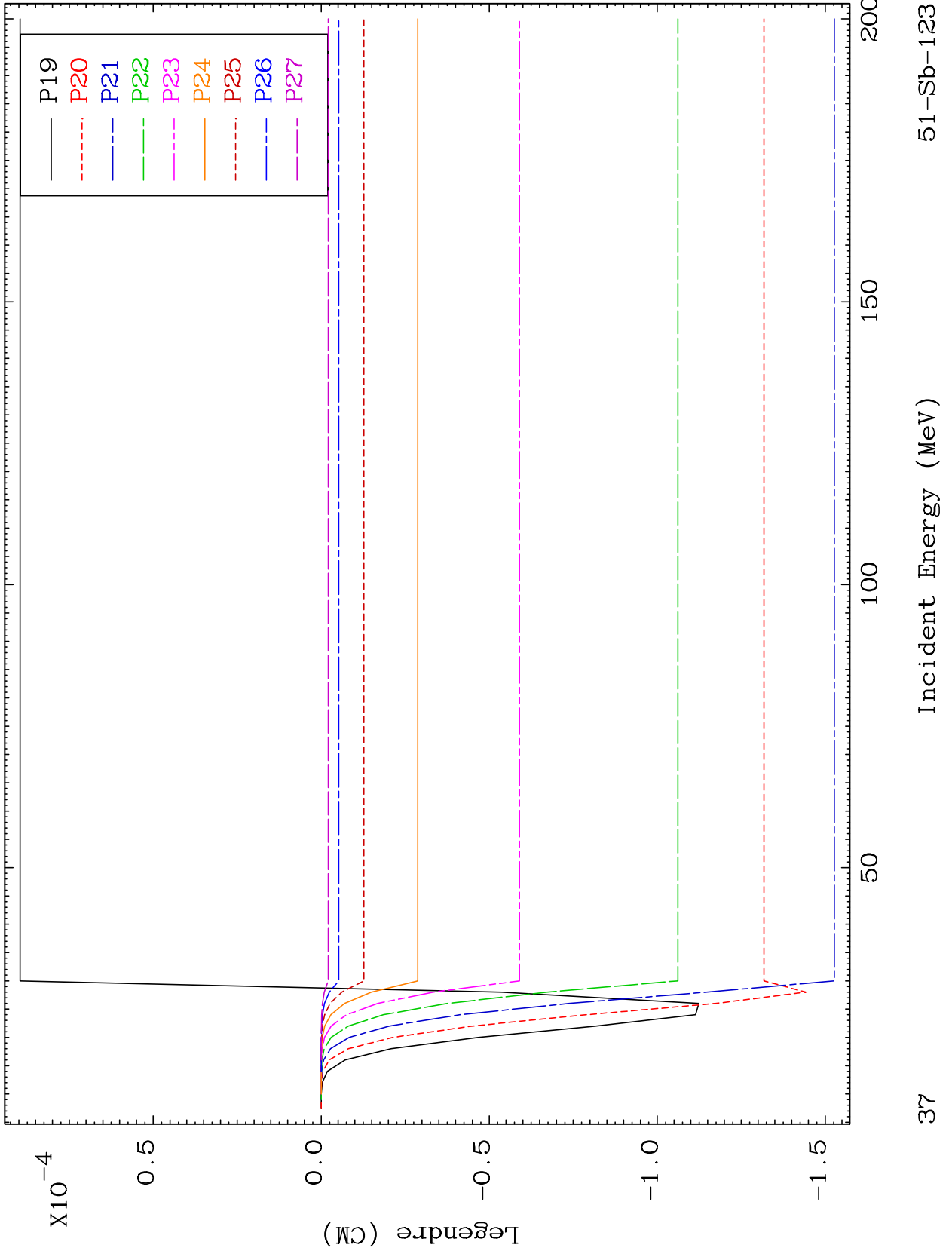


35

Incident Energy (MeV)

51-Sb-123

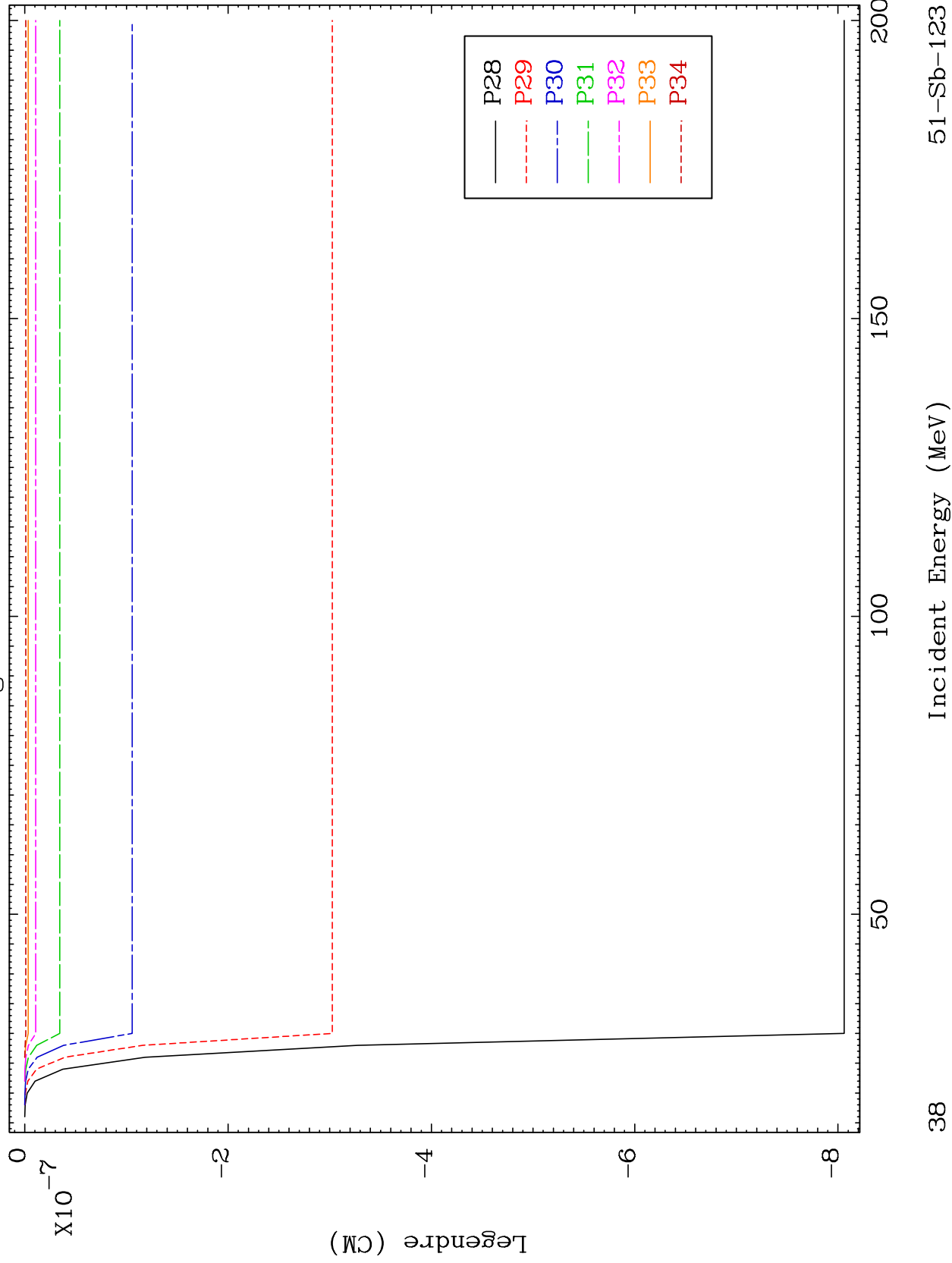




MAT 5131

51-Sb-123

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



38

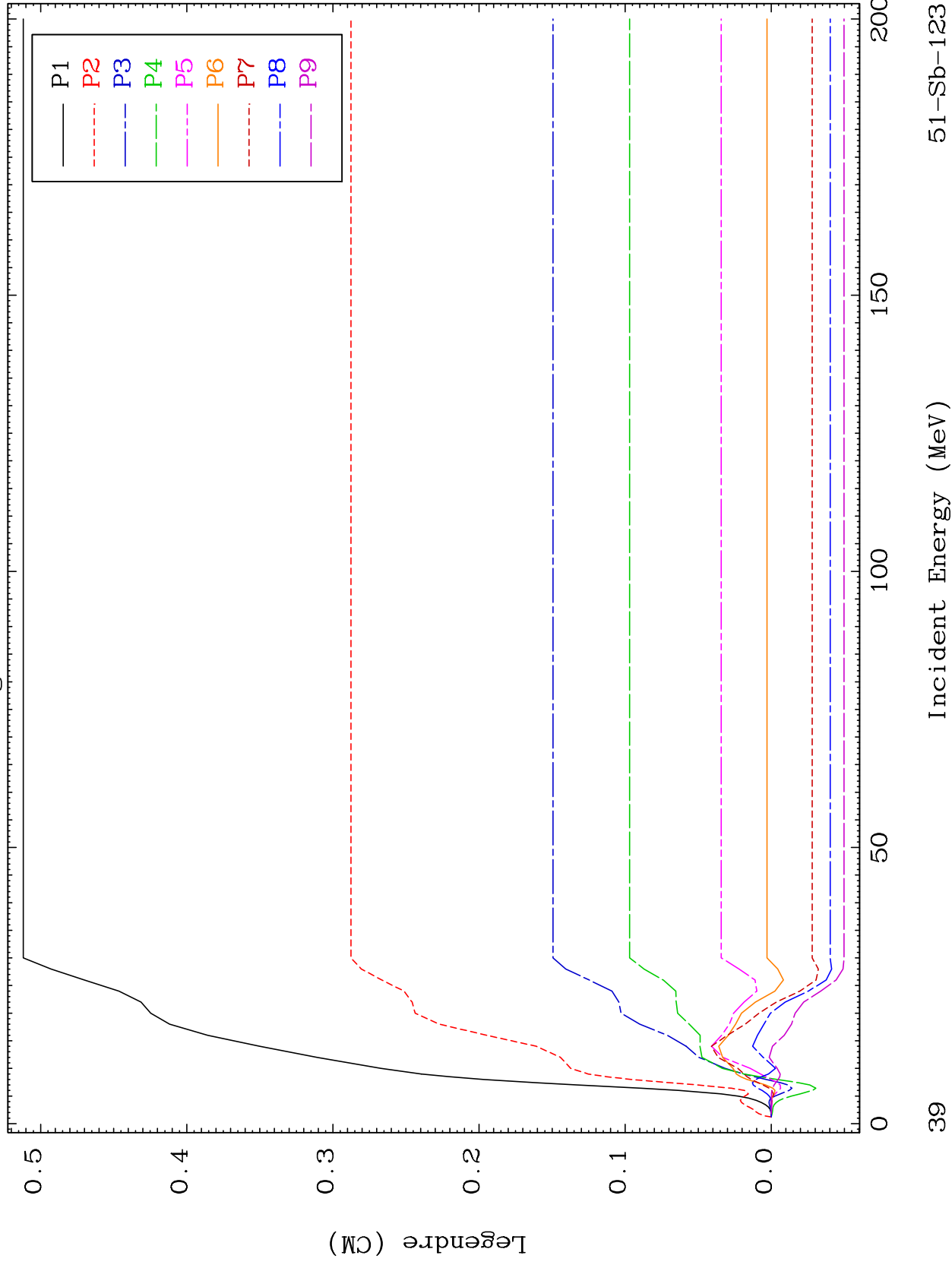
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

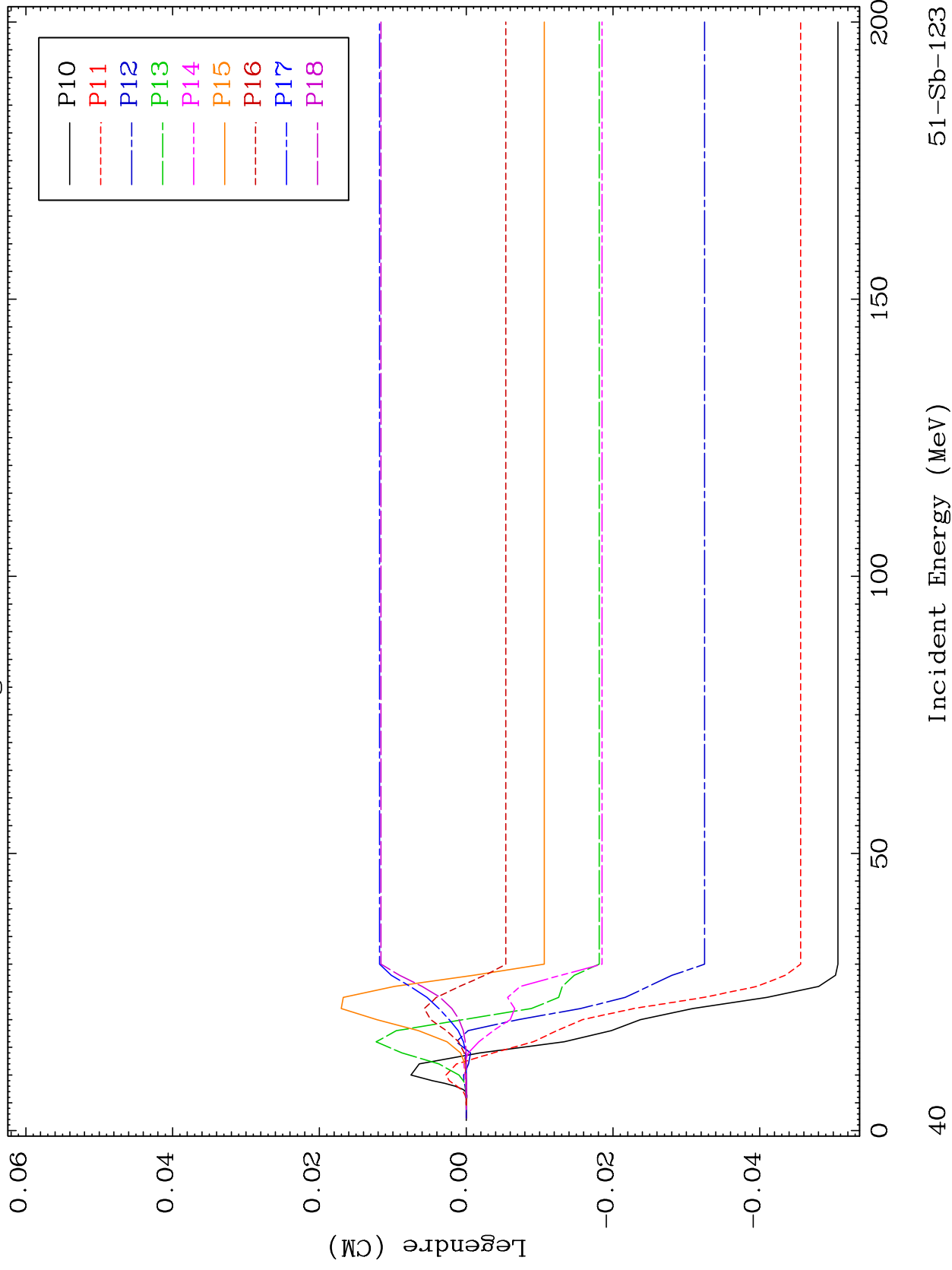
51-Sb-123



MAT 5131

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

51-Sb-123



51-Sb-123

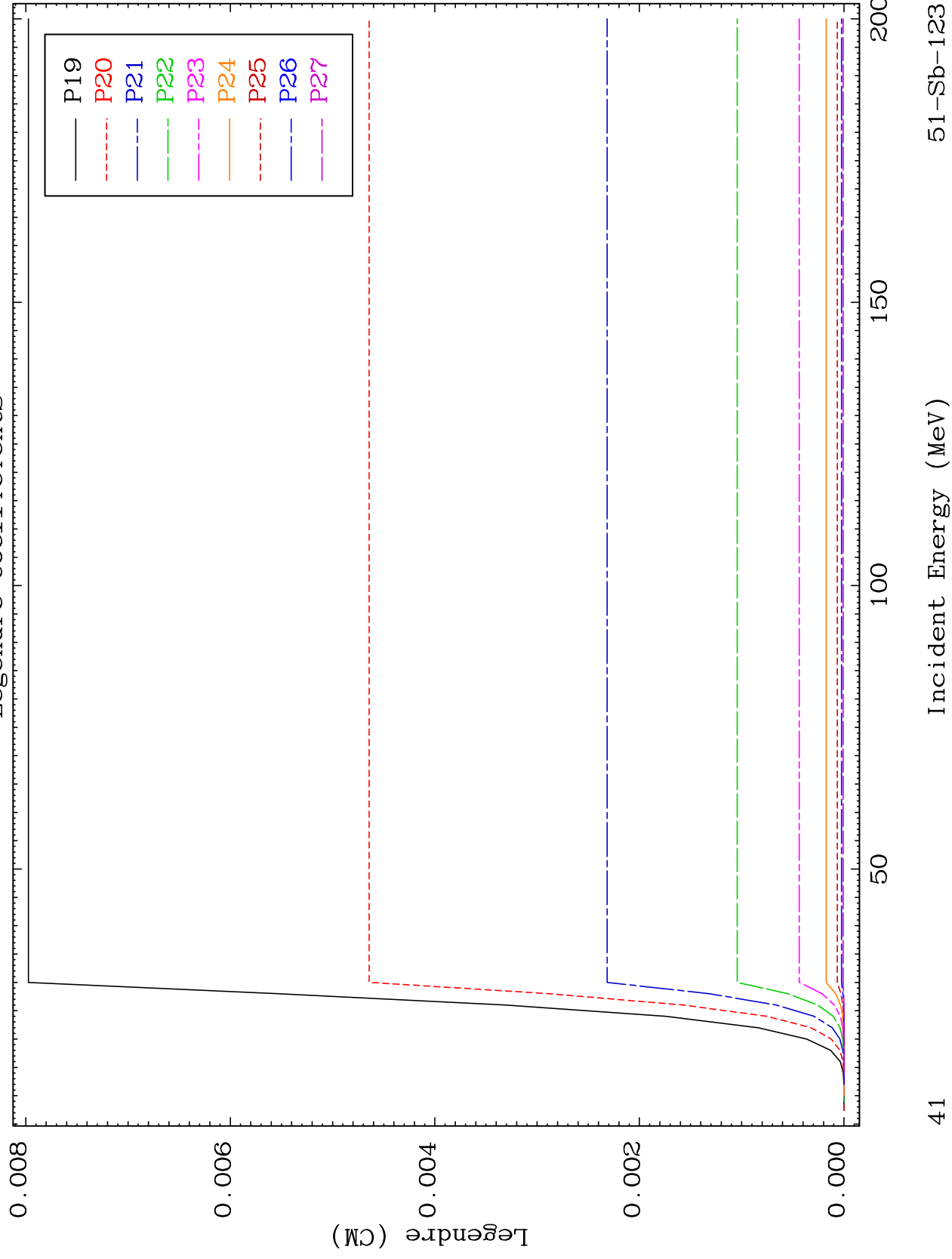
Incident Energy (MeV)

40

MAT 5131

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

51-Sb-123



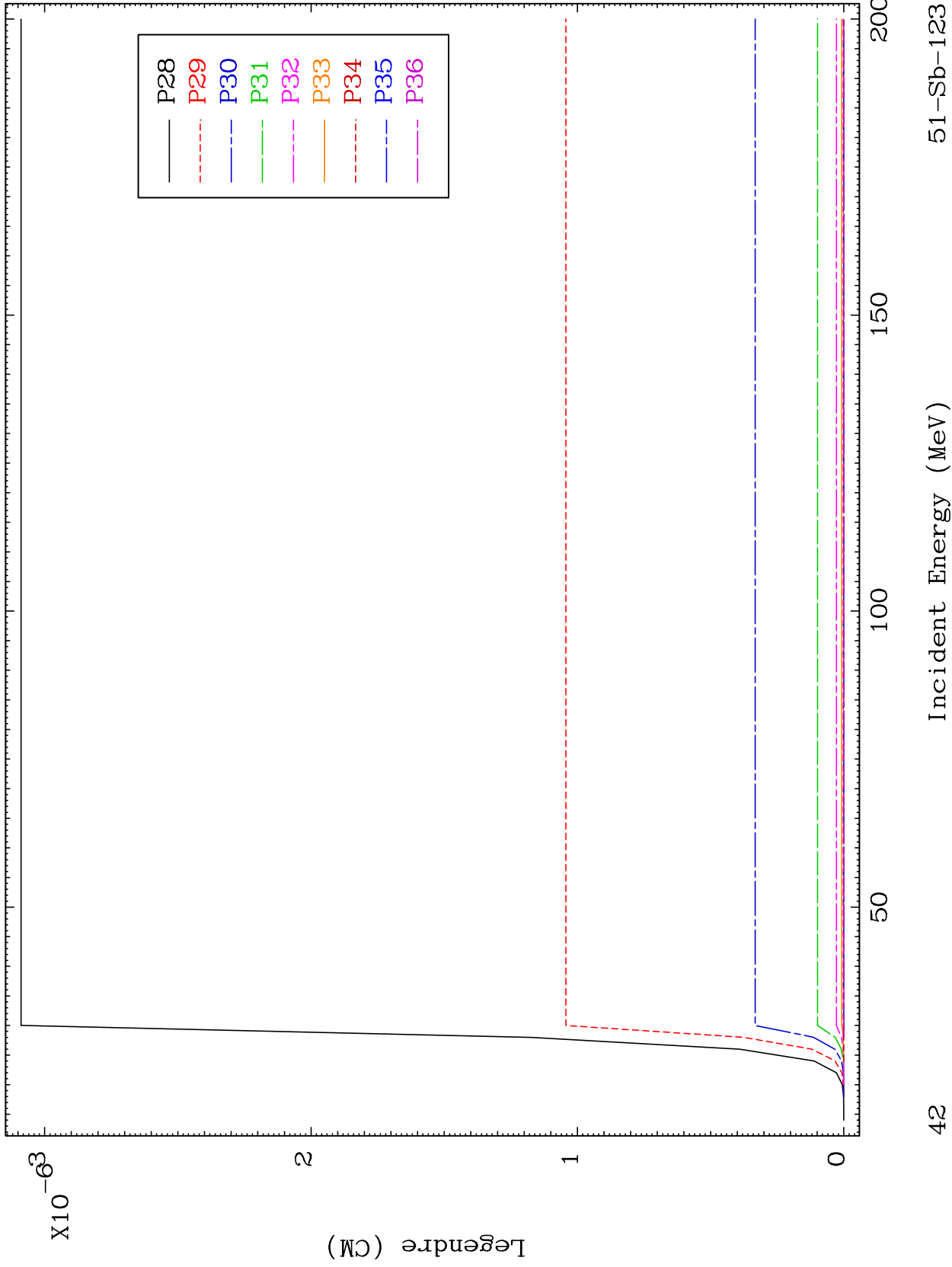
41

51-Sb-123

MAT 5131

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

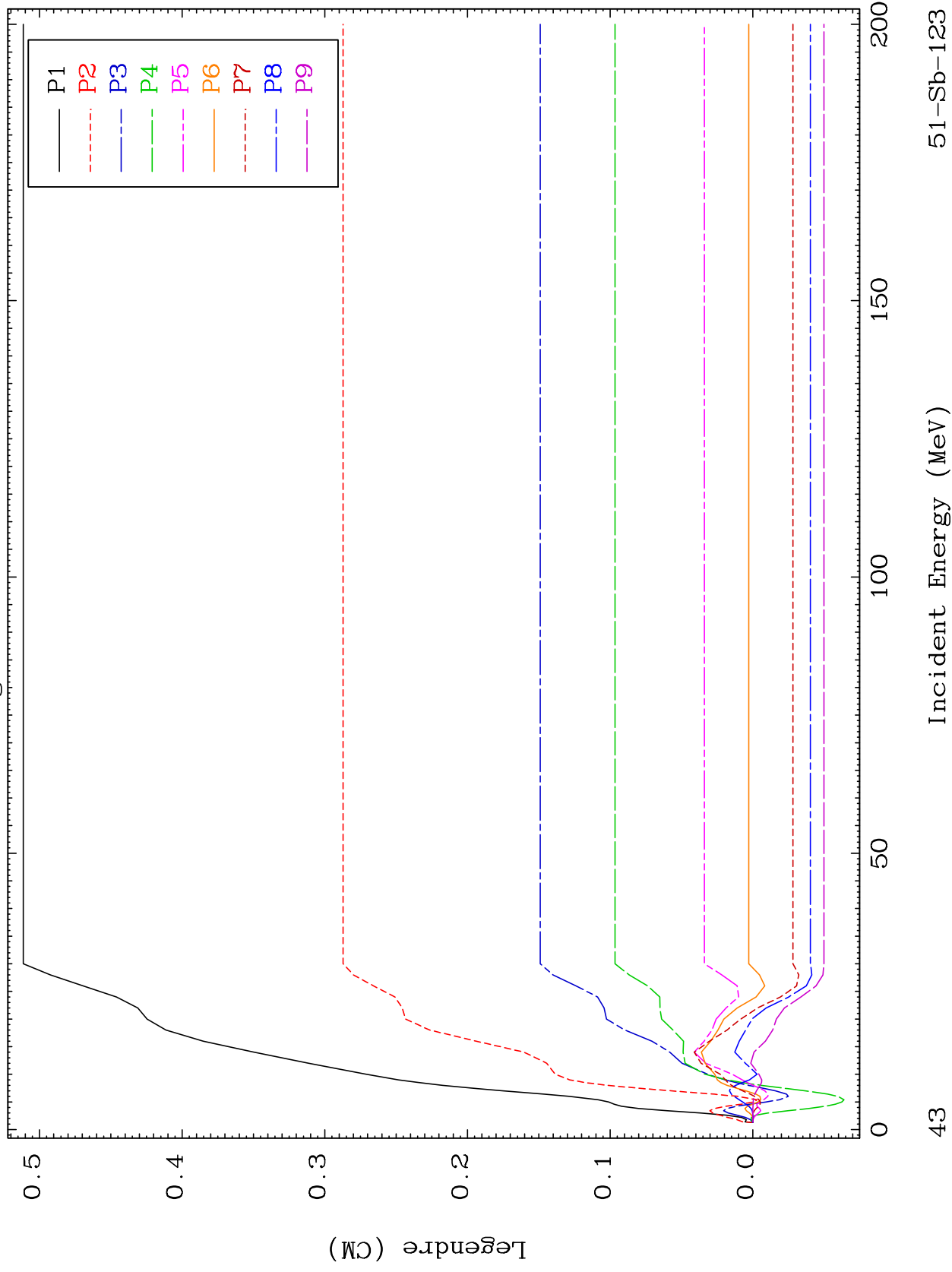
51-Sb-123



MAT 5131

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

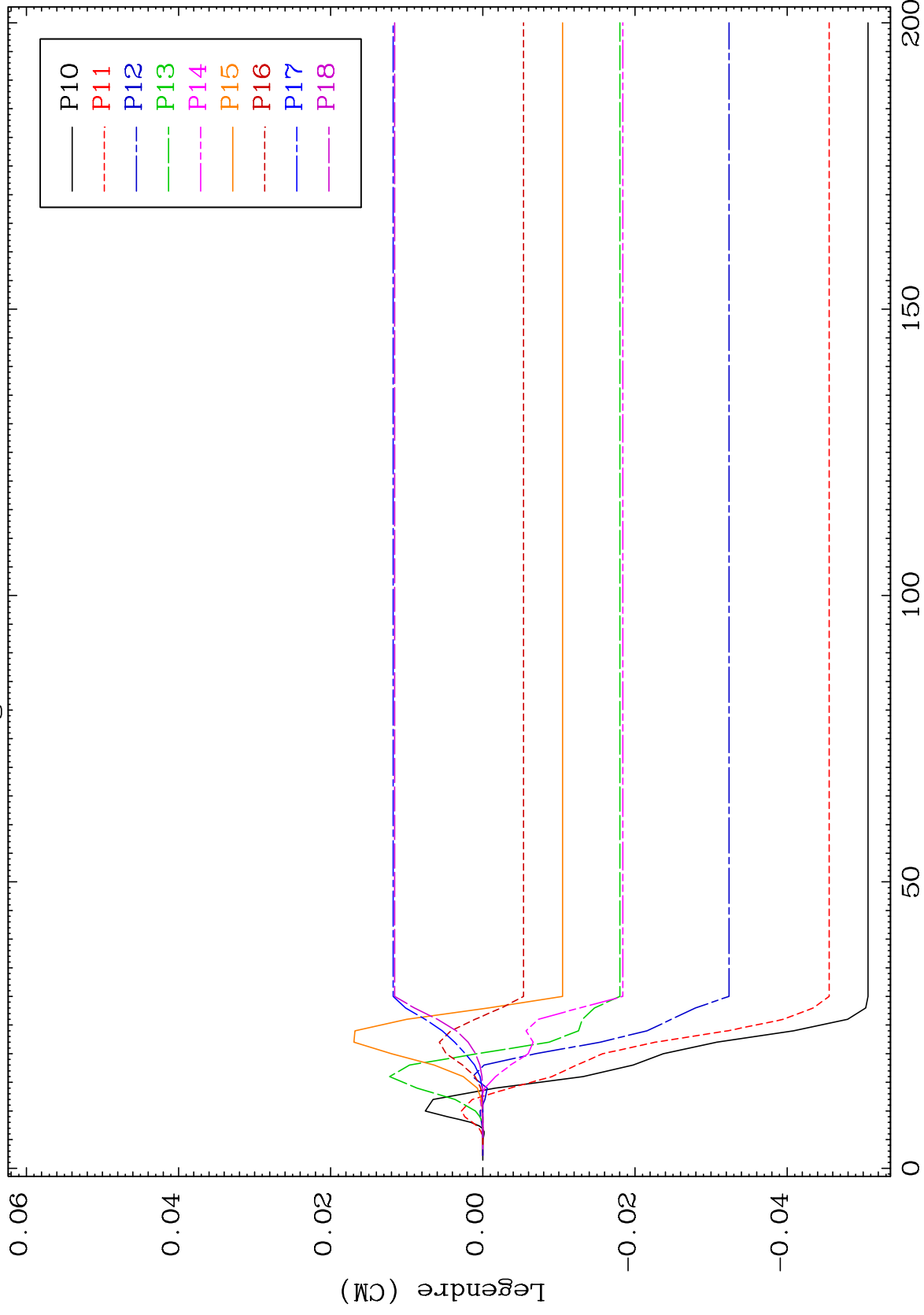
51-Sb-123



MAT 5131

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

51-Sb-123



44

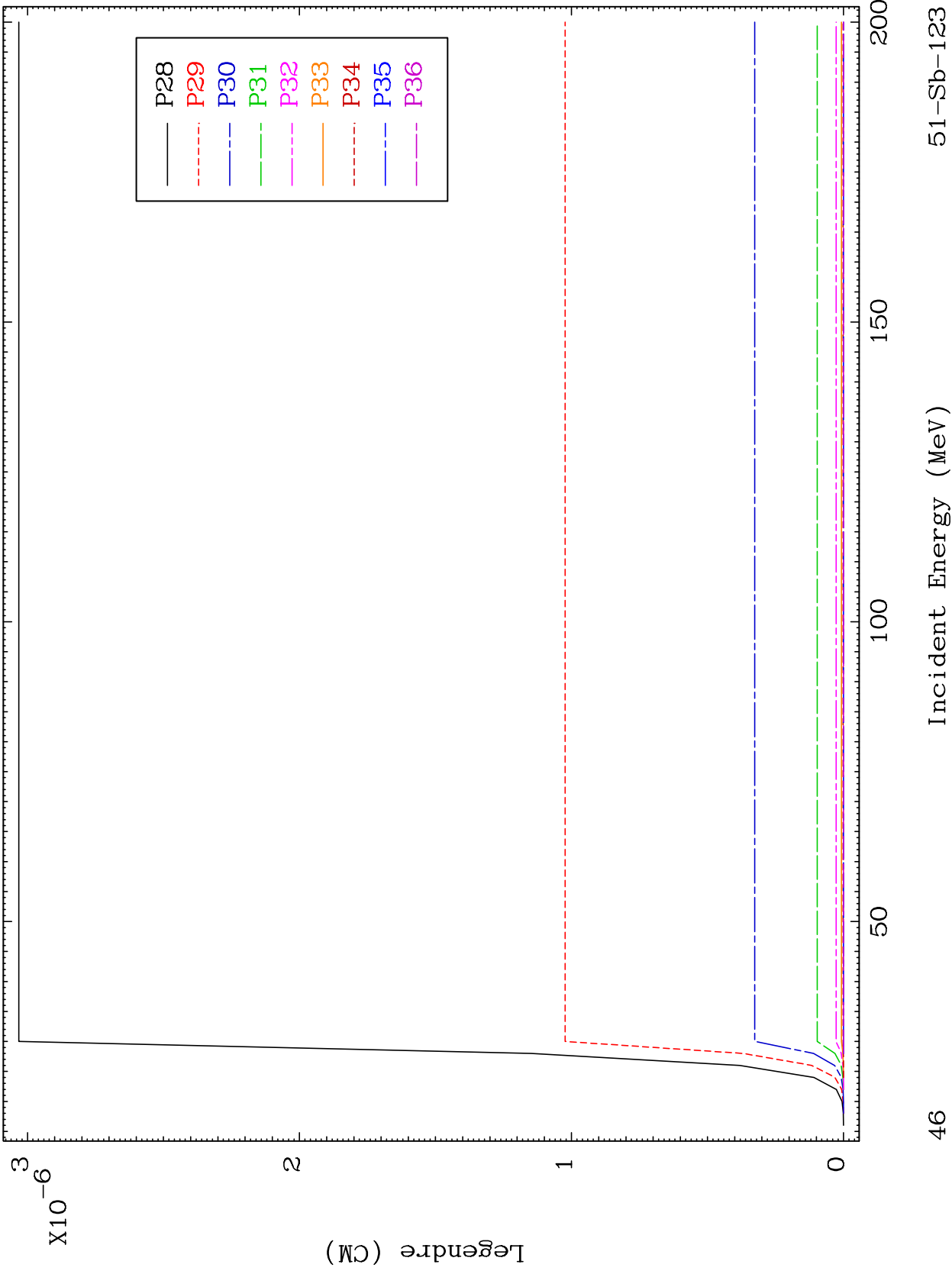
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

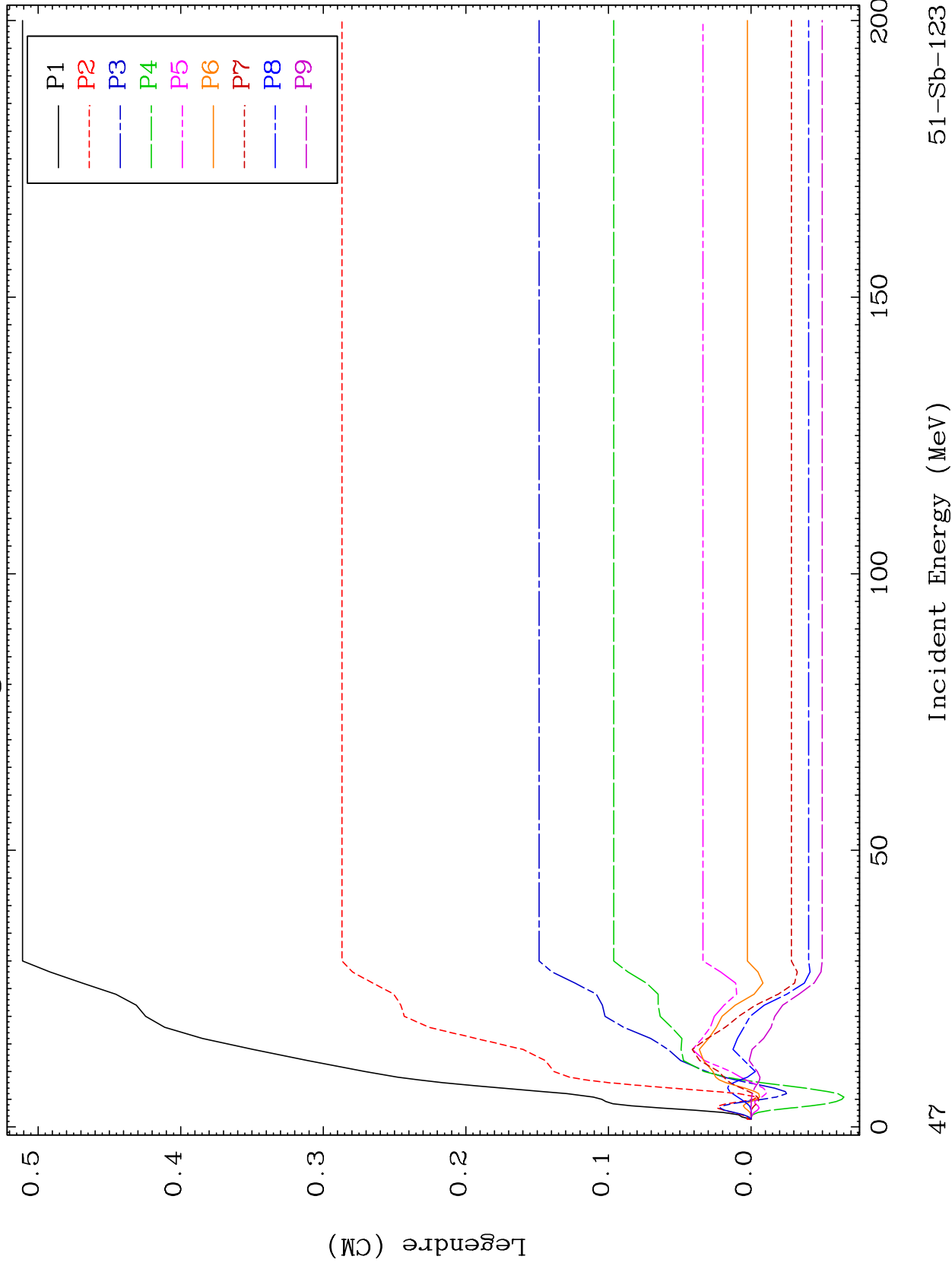
51-Sb-123



MAT 5131

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

51-Sb-123



51-Sb-123

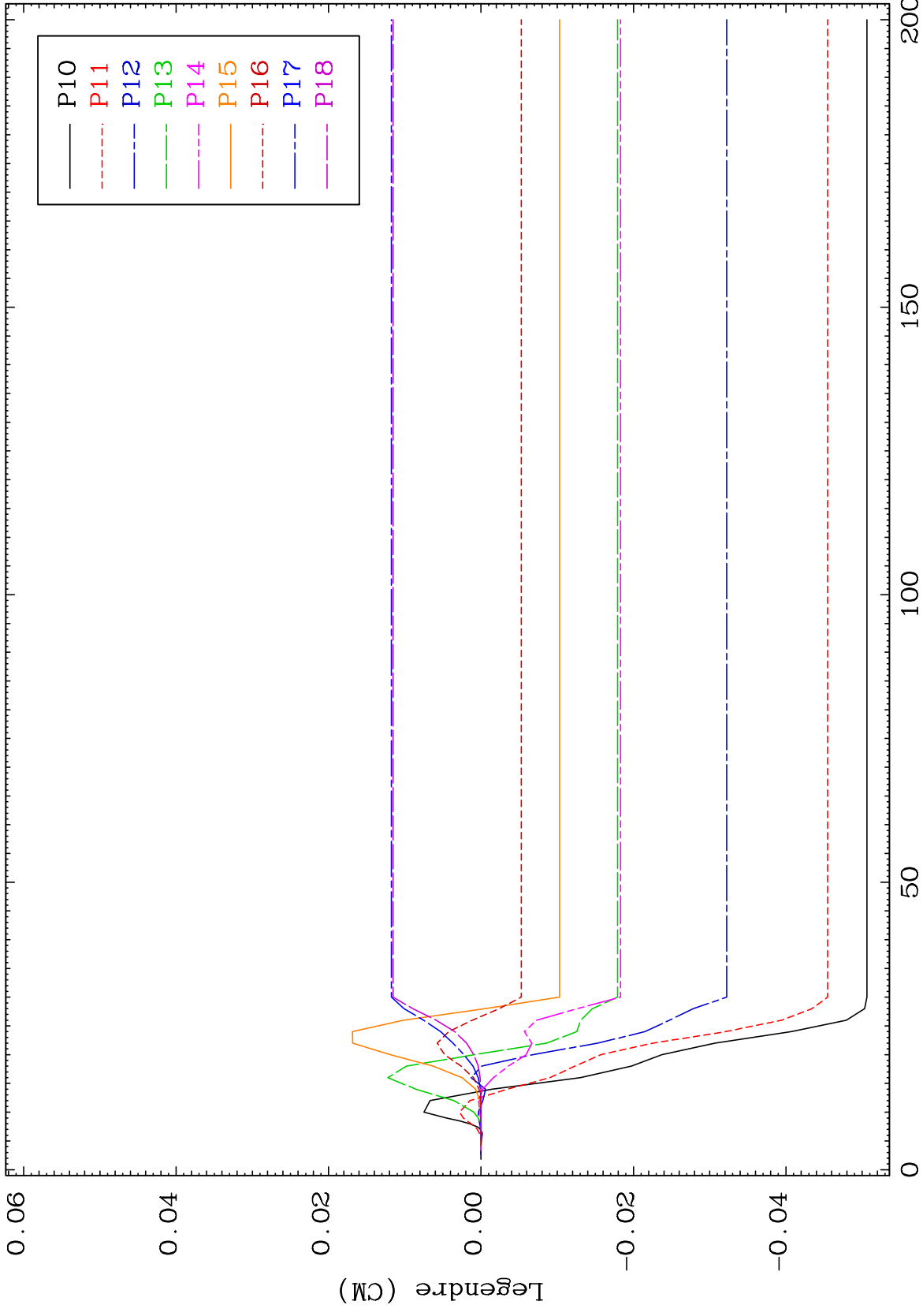
Incident Energy (MeV)

47

MAT 5131

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

51-Sb-123



48

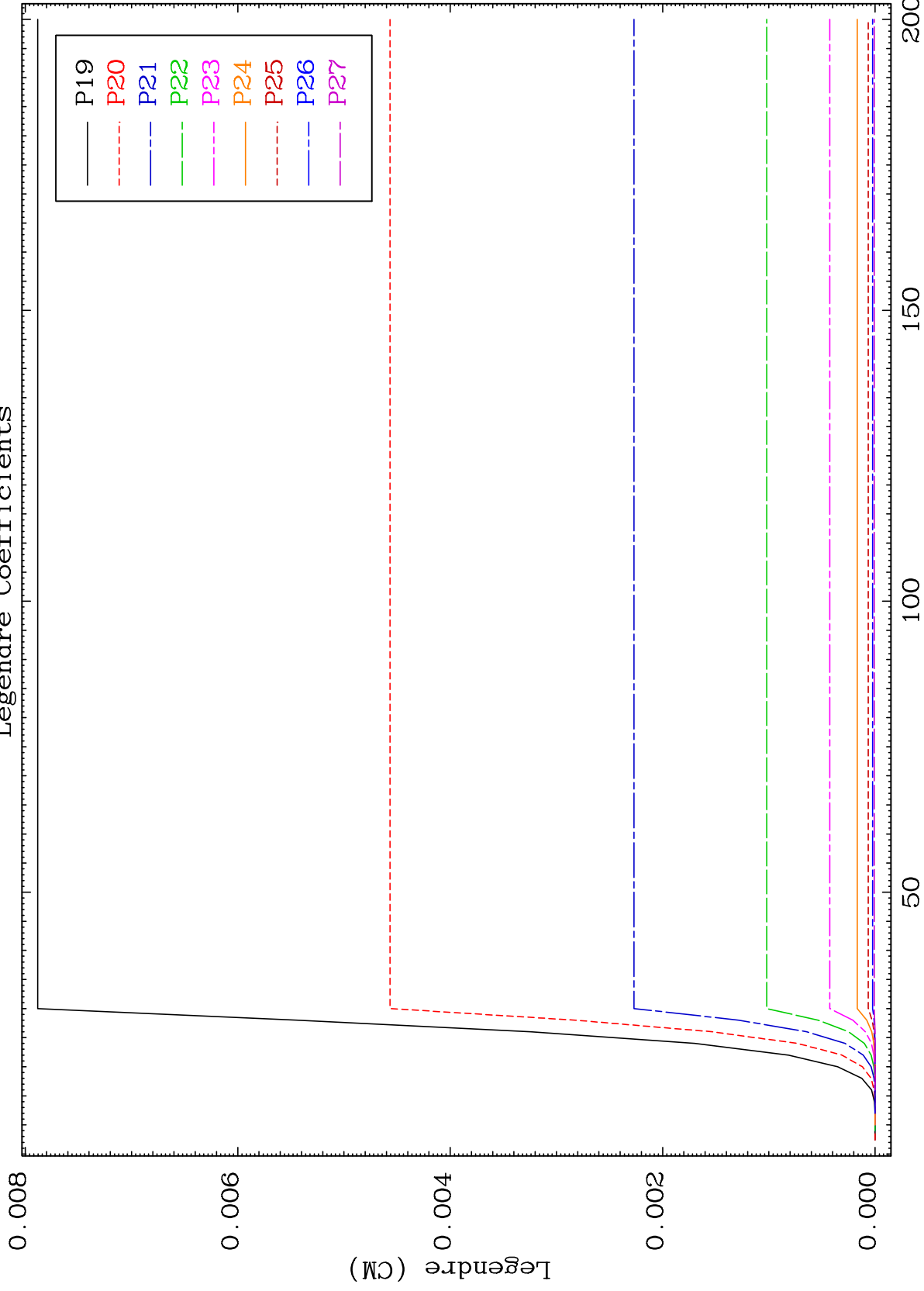
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



49

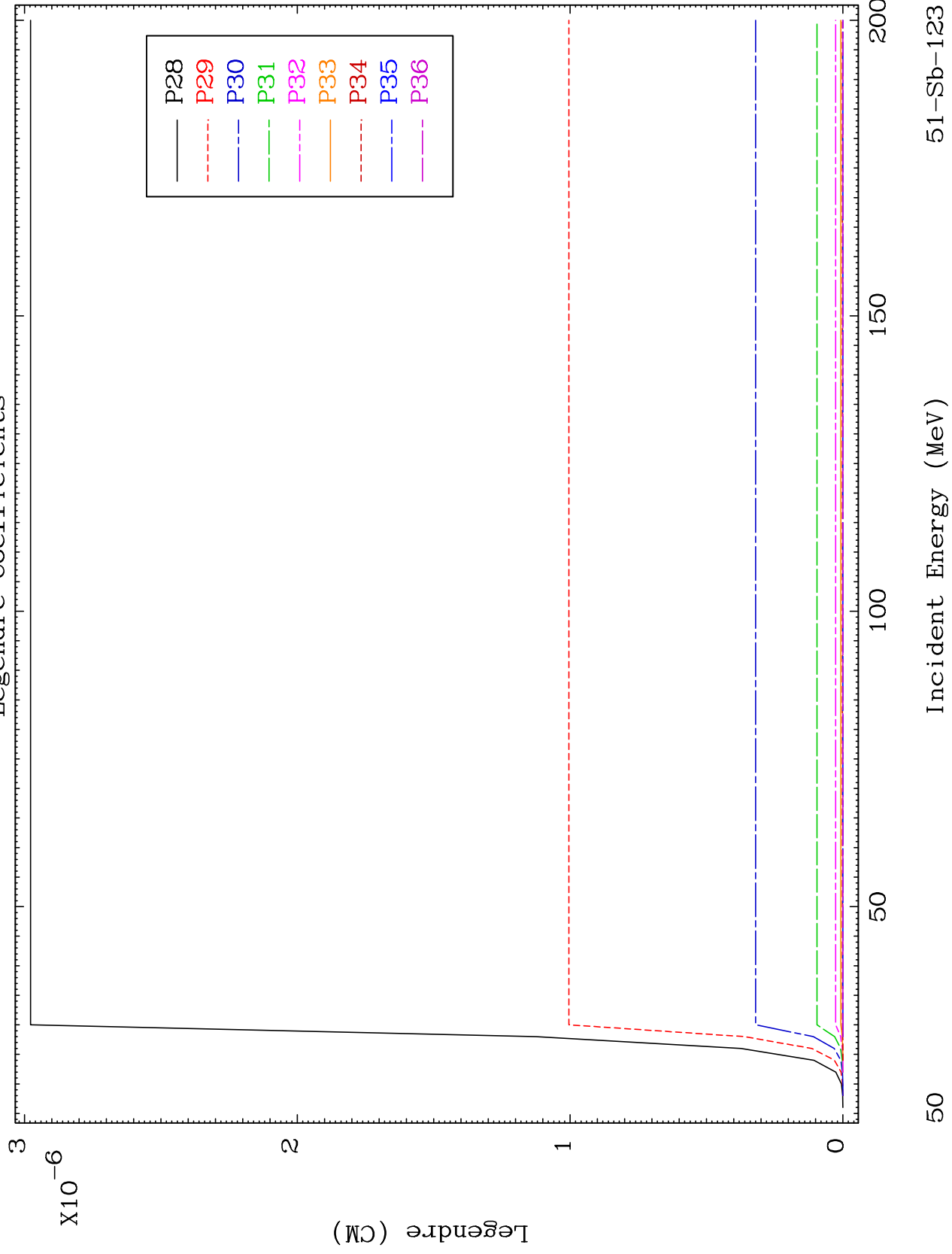
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

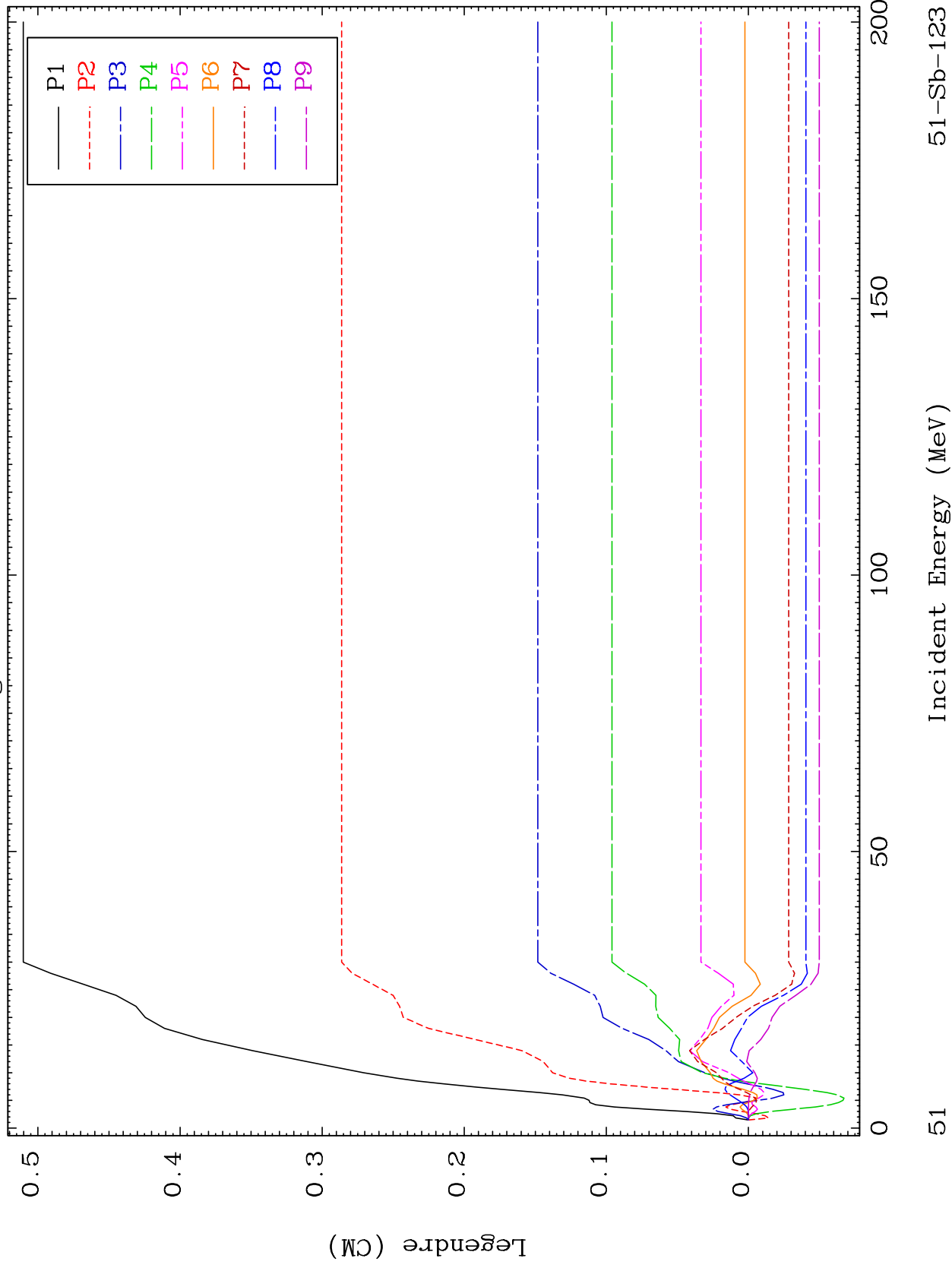
51-Sb-123



MAT 5131

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

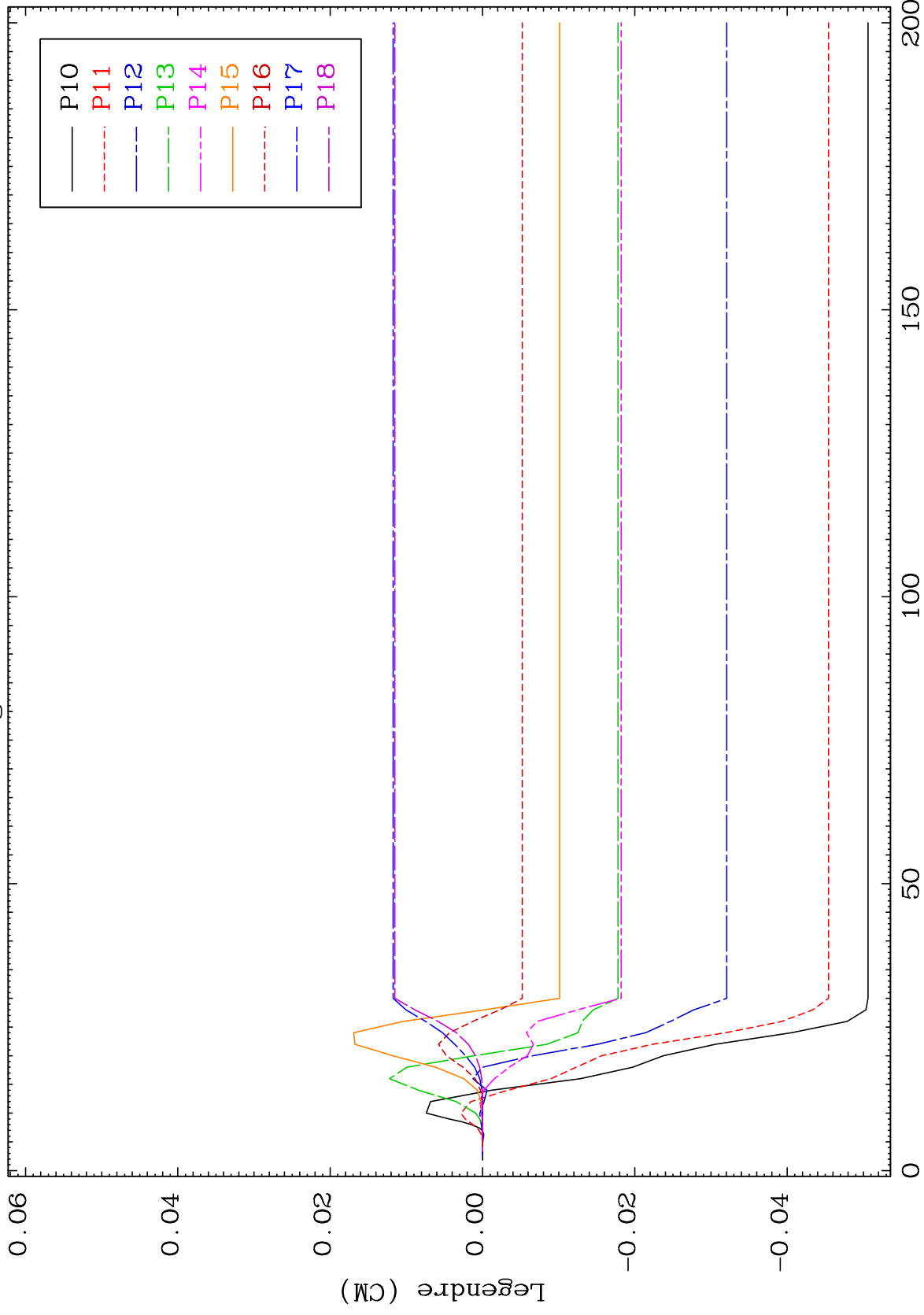
51-Sb-123



MAT 5131

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

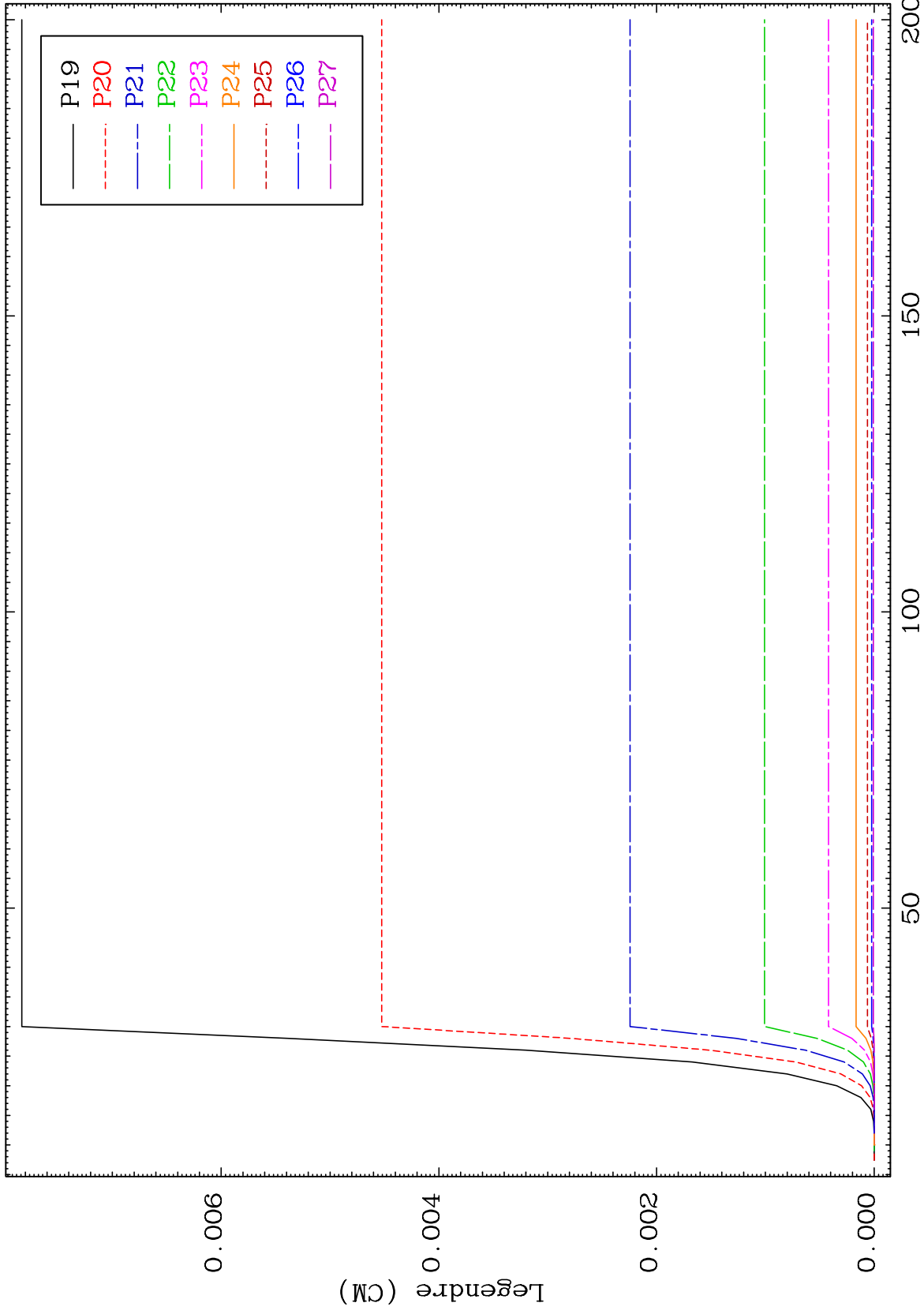
51-Sb-123

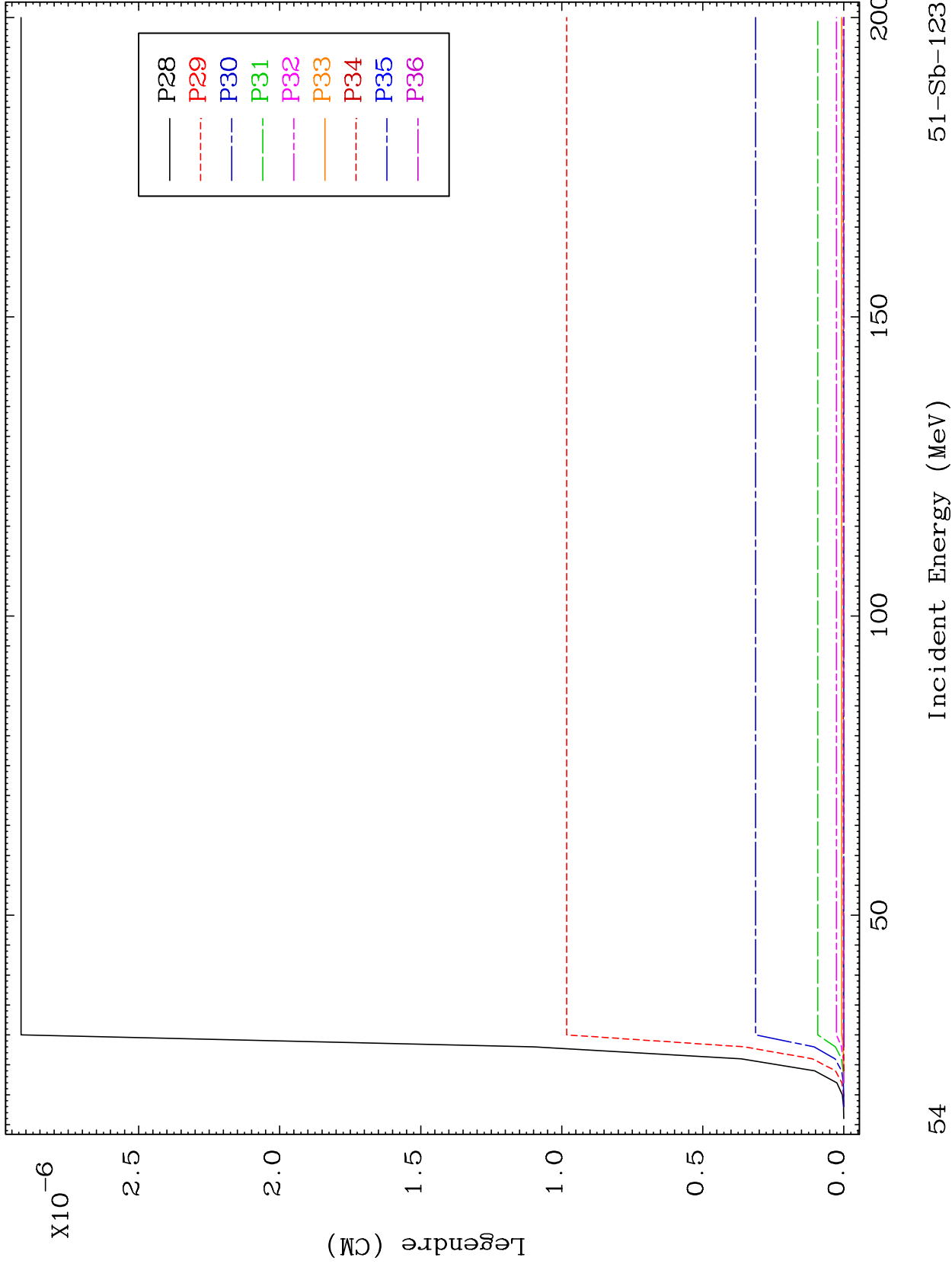


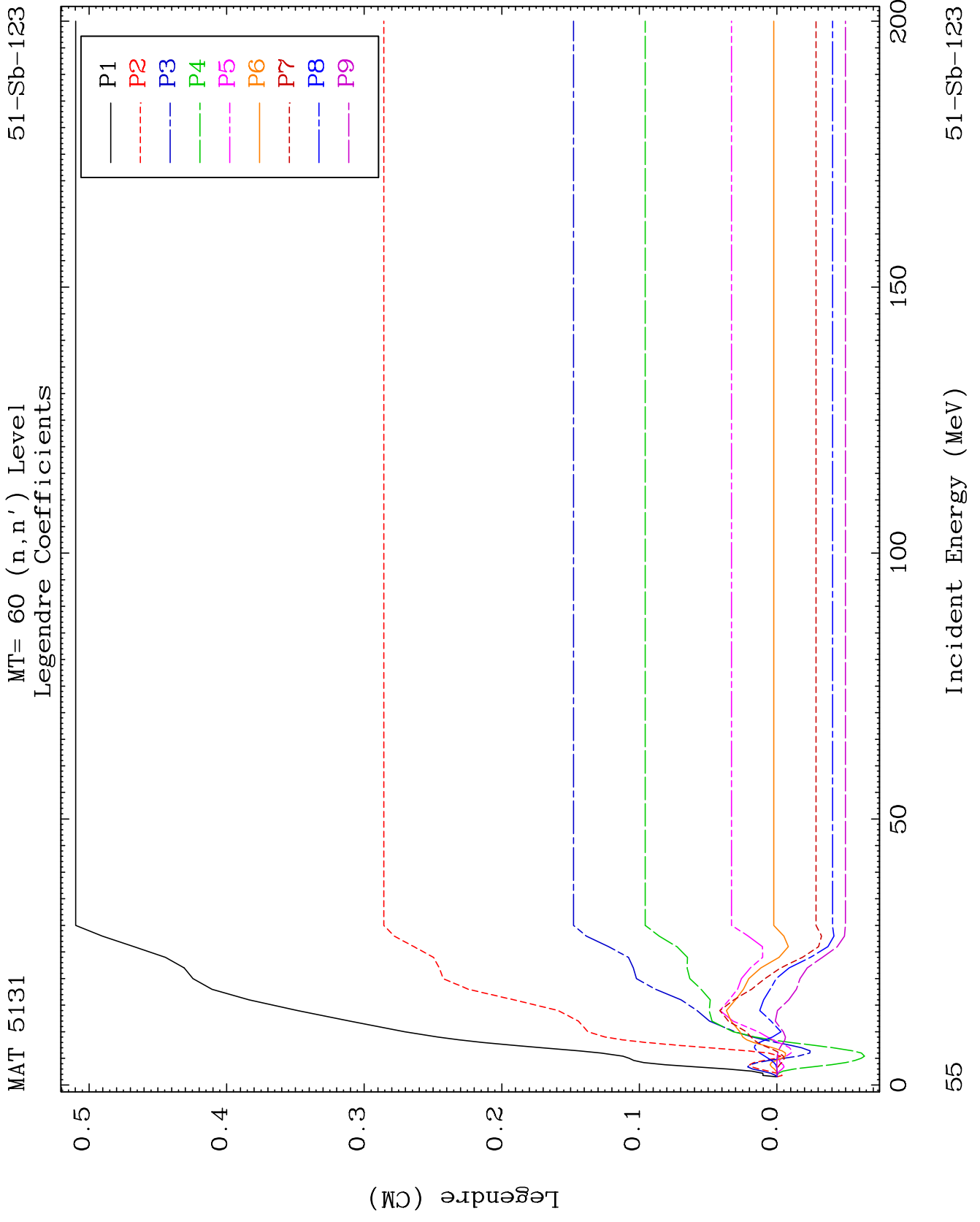
52

Incident Energy (MeV)

51-Sb-123



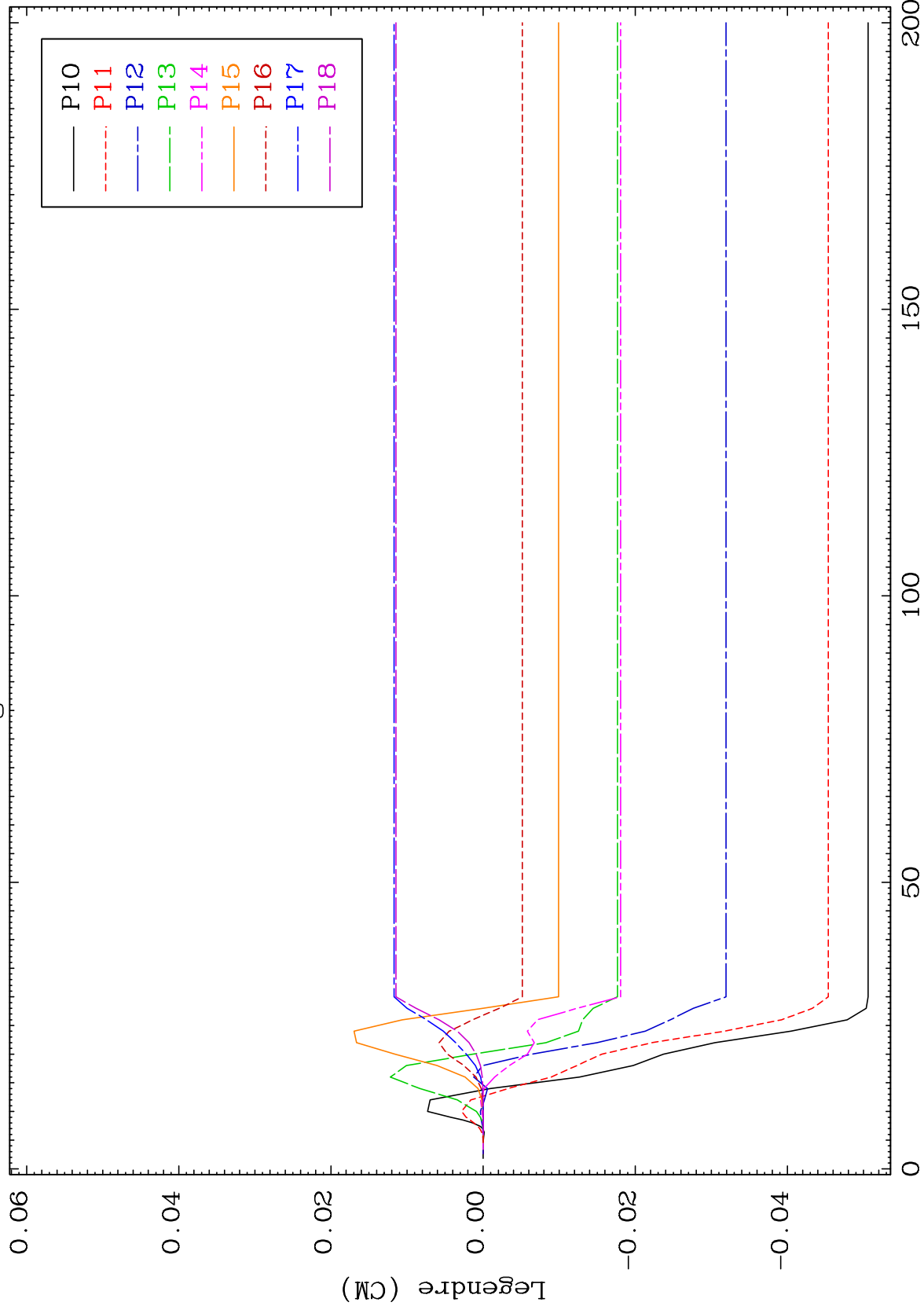




MAT 5131

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

51-Sb-123



56

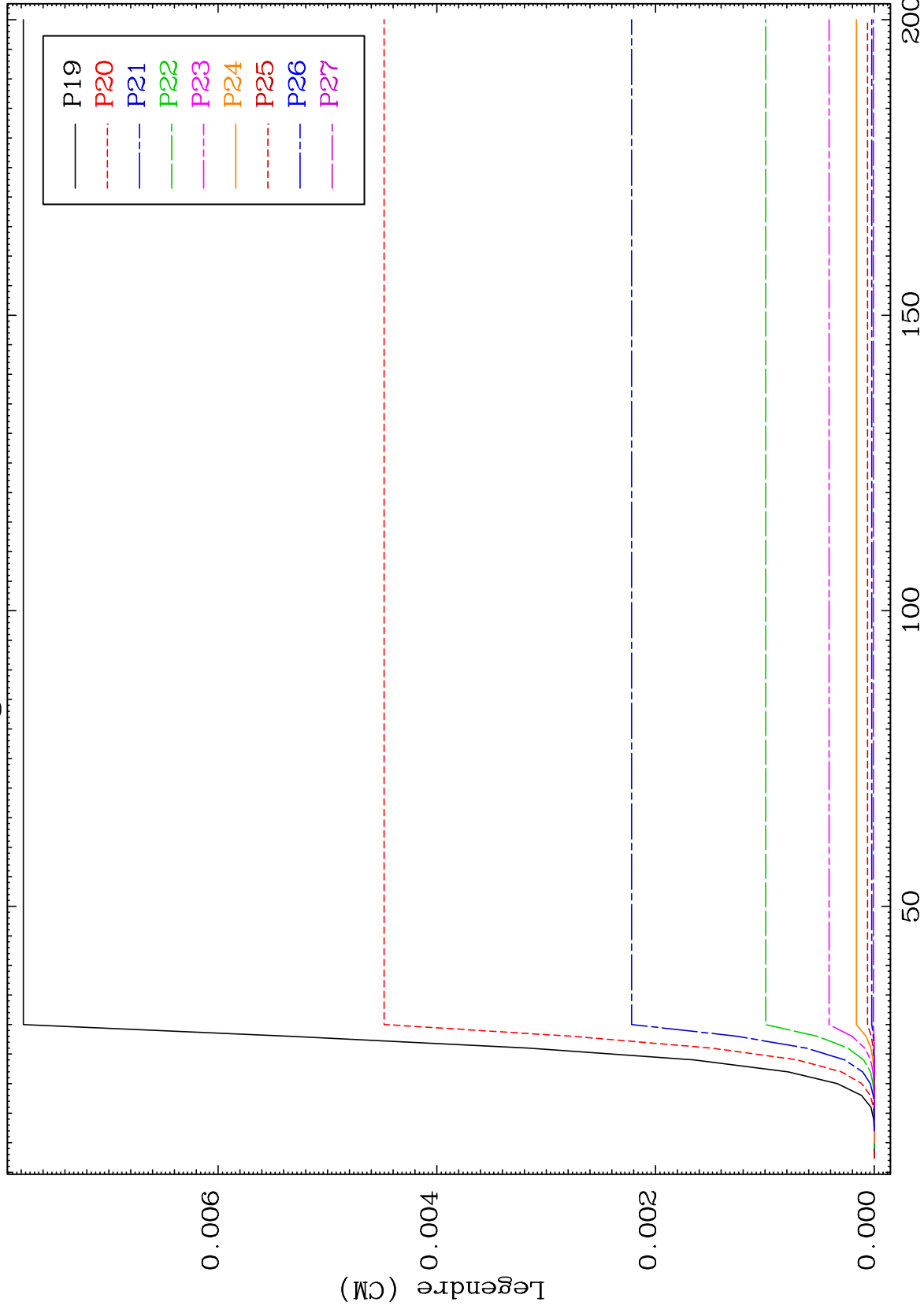
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



57

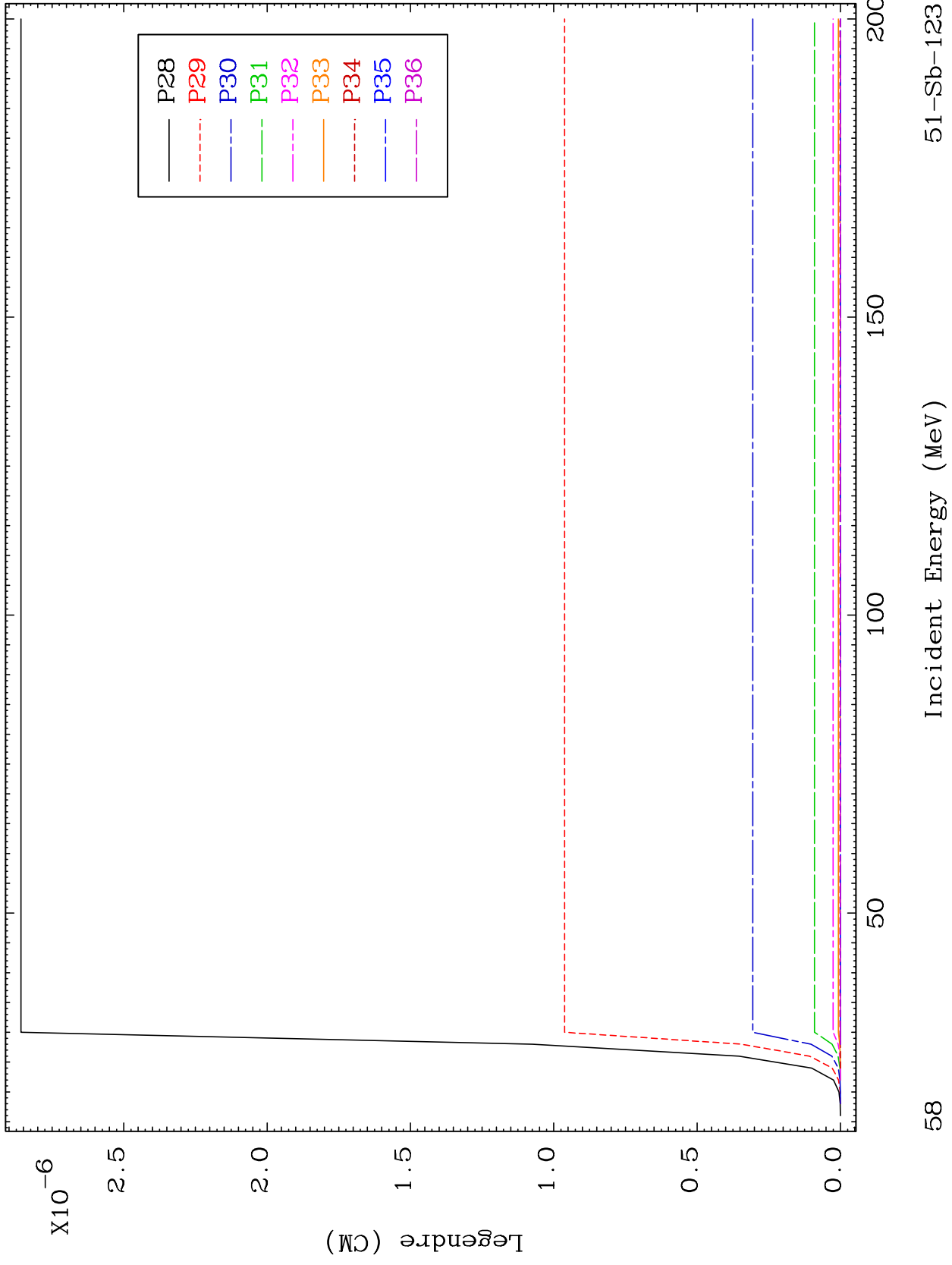
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



58

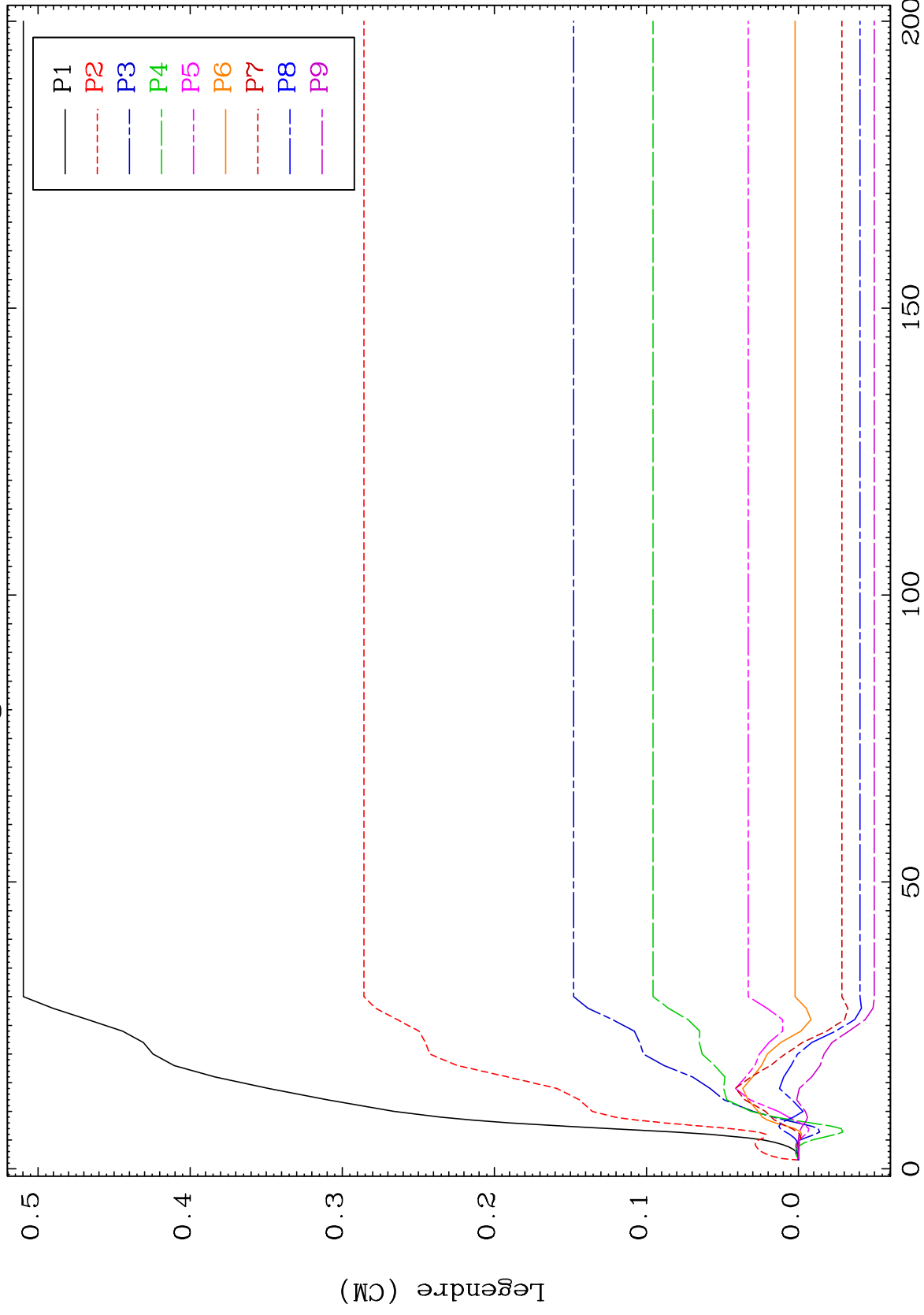
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



59

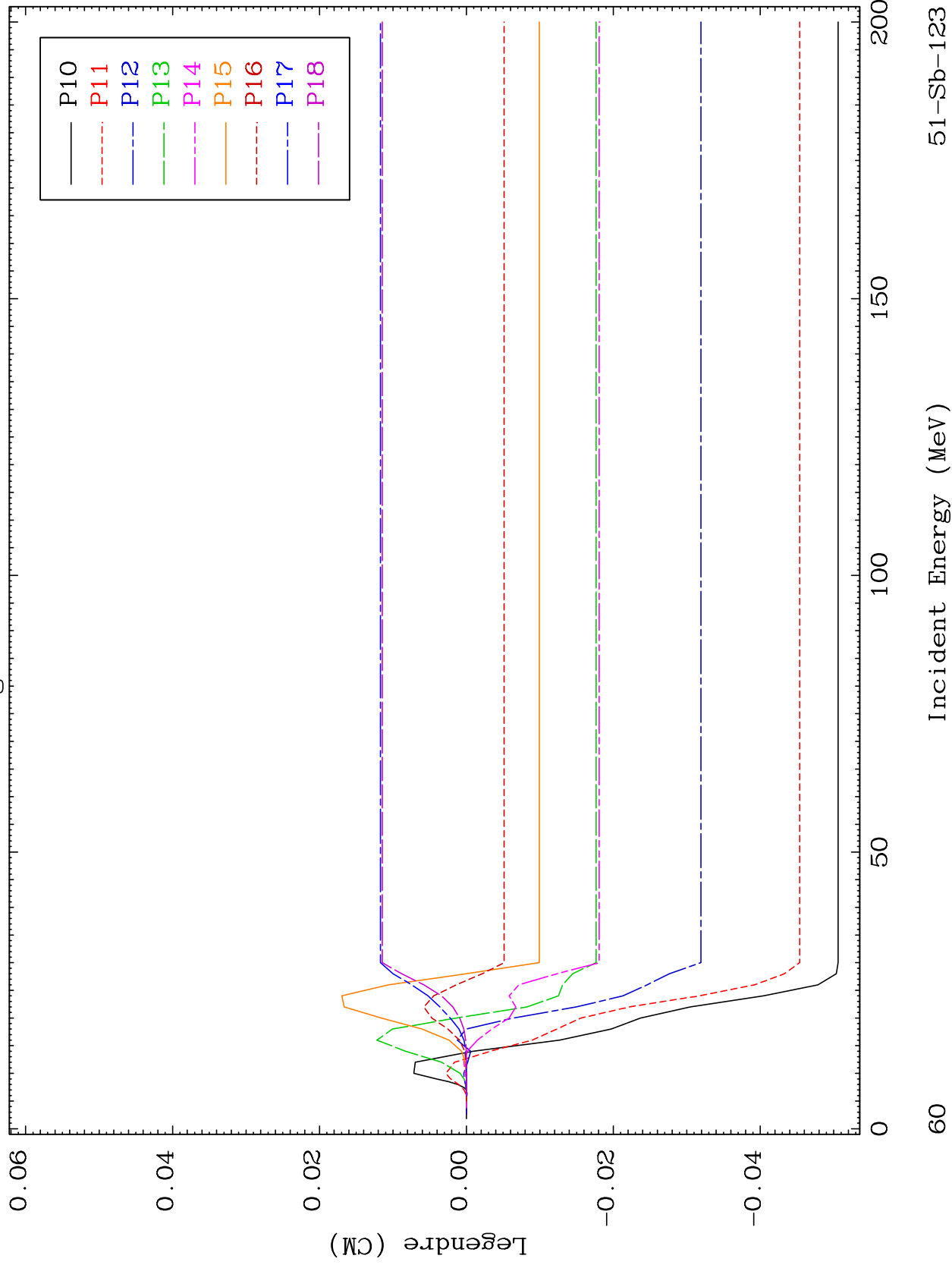
51-Sb-123

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

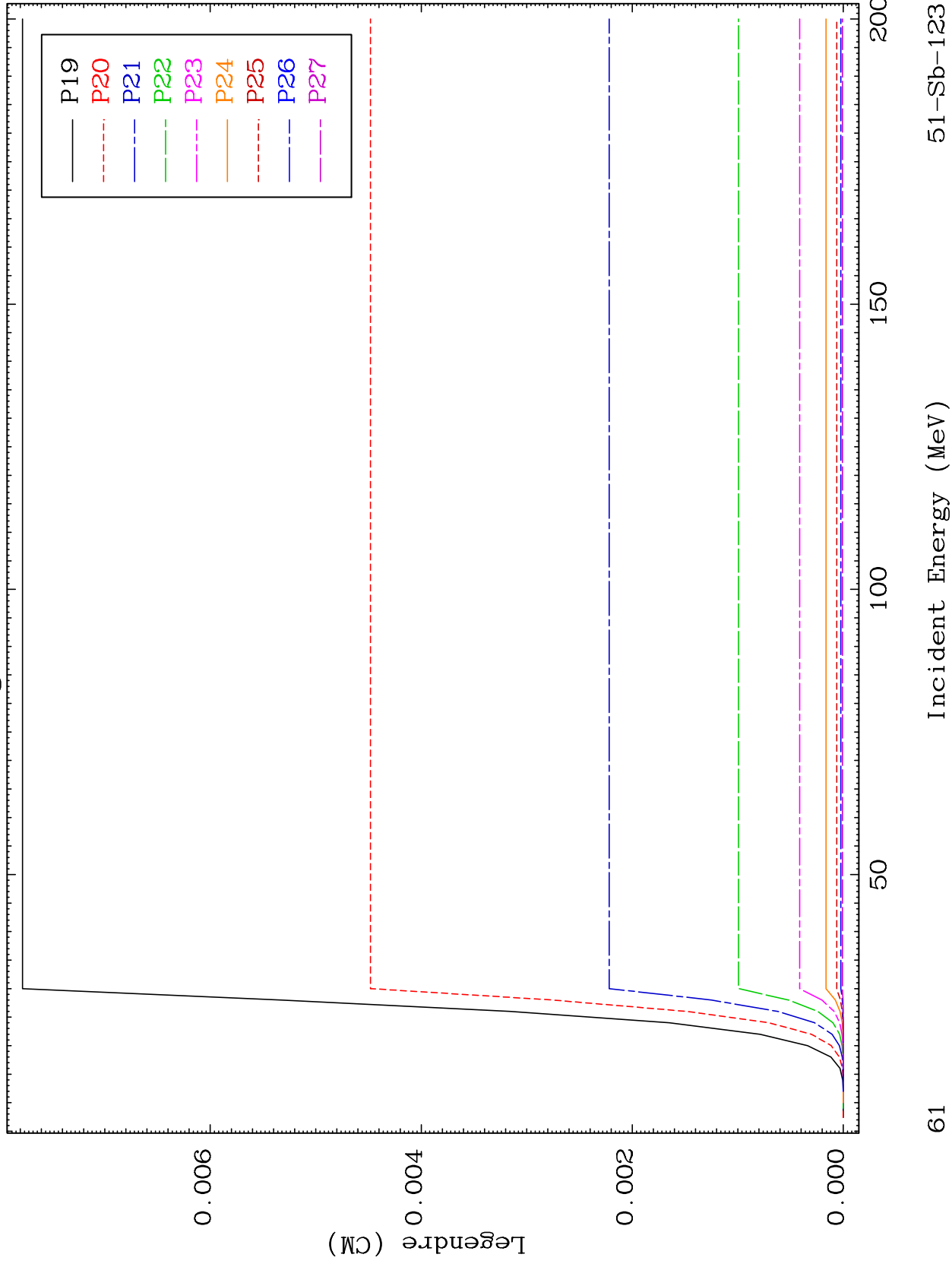
Incident Energy (MeV)

60

MAT 5131

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

51-Sb-123



61

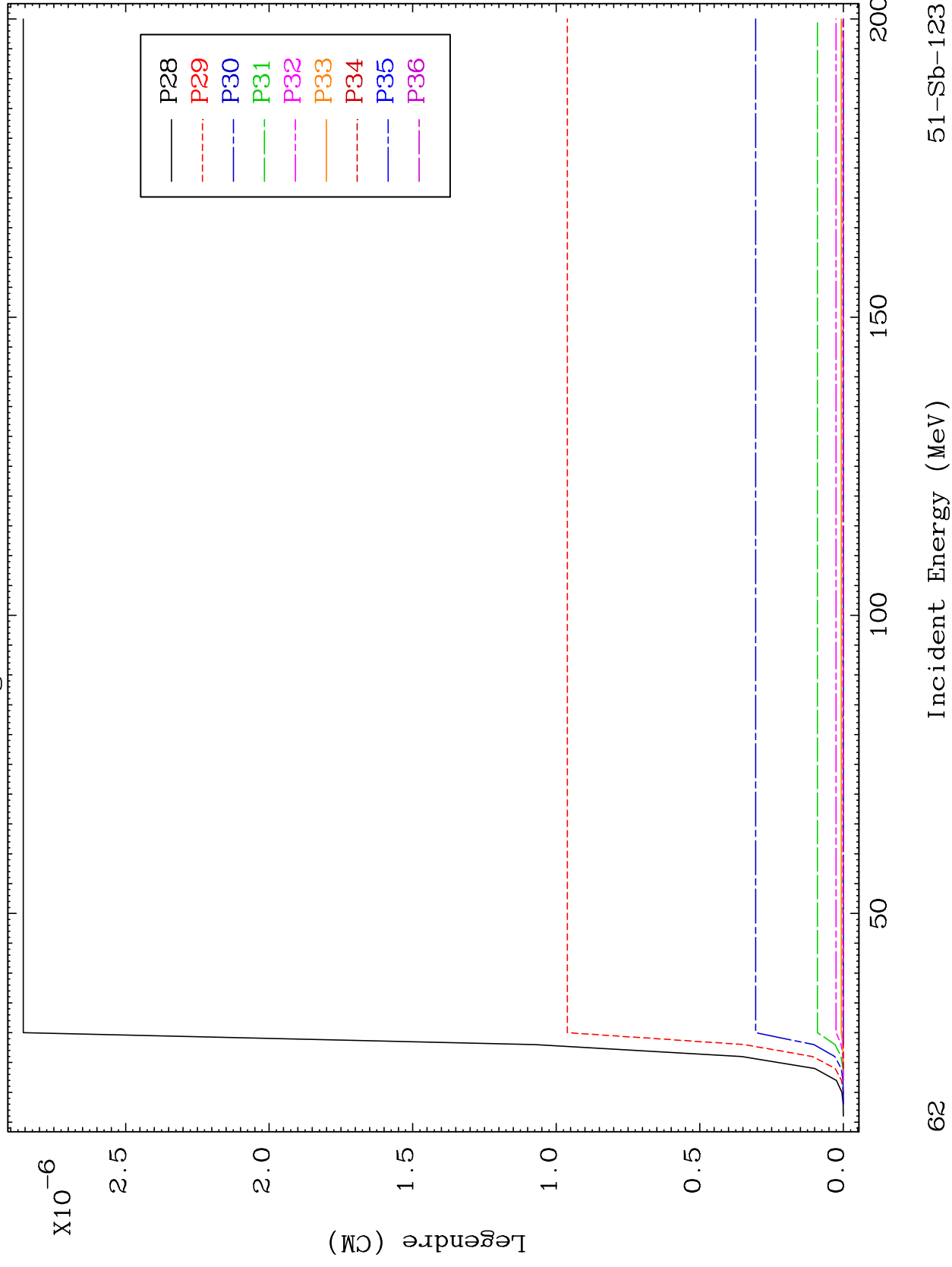
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

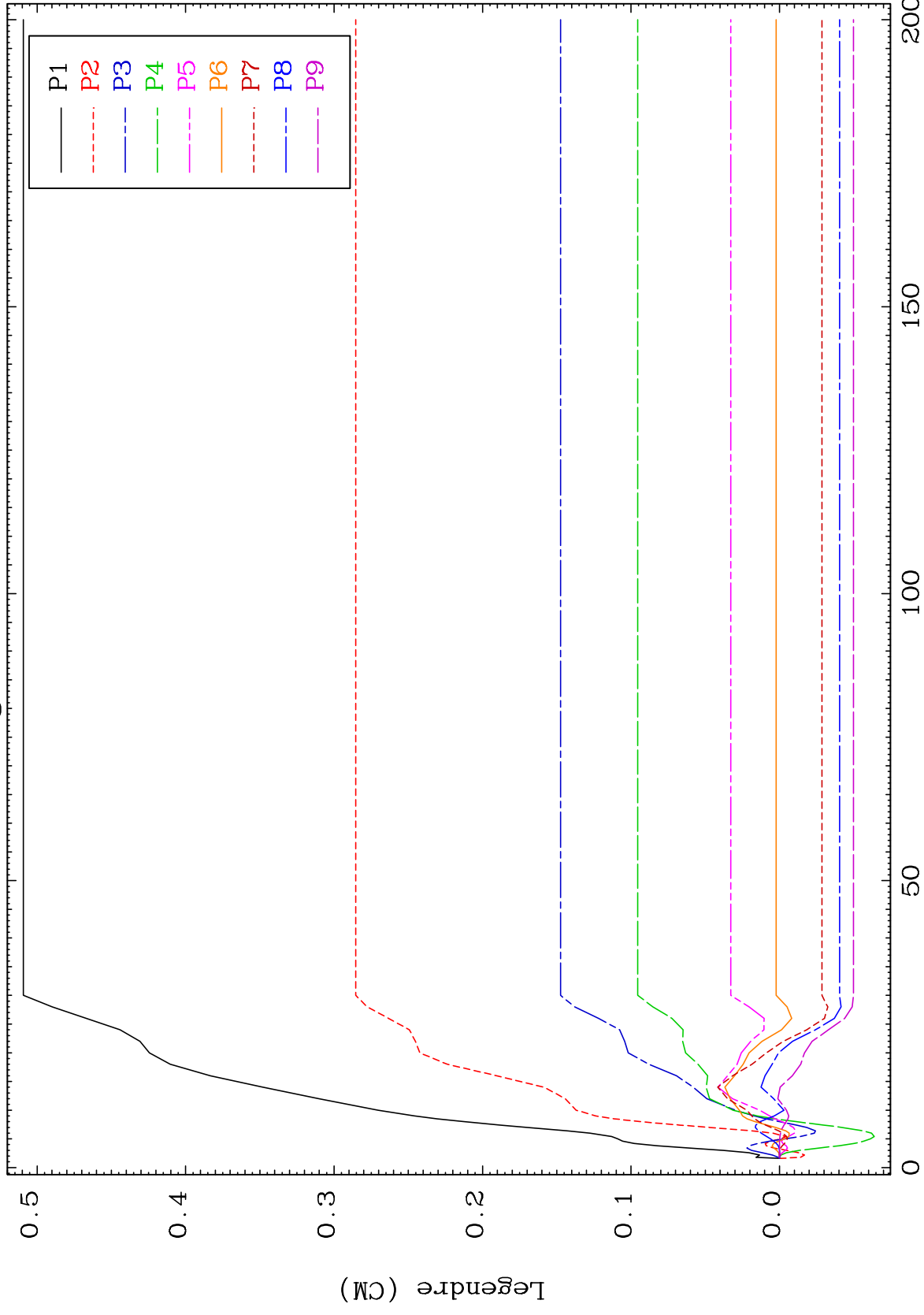
51-Sb-123



MAT 5131

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

51-Sb-123



63

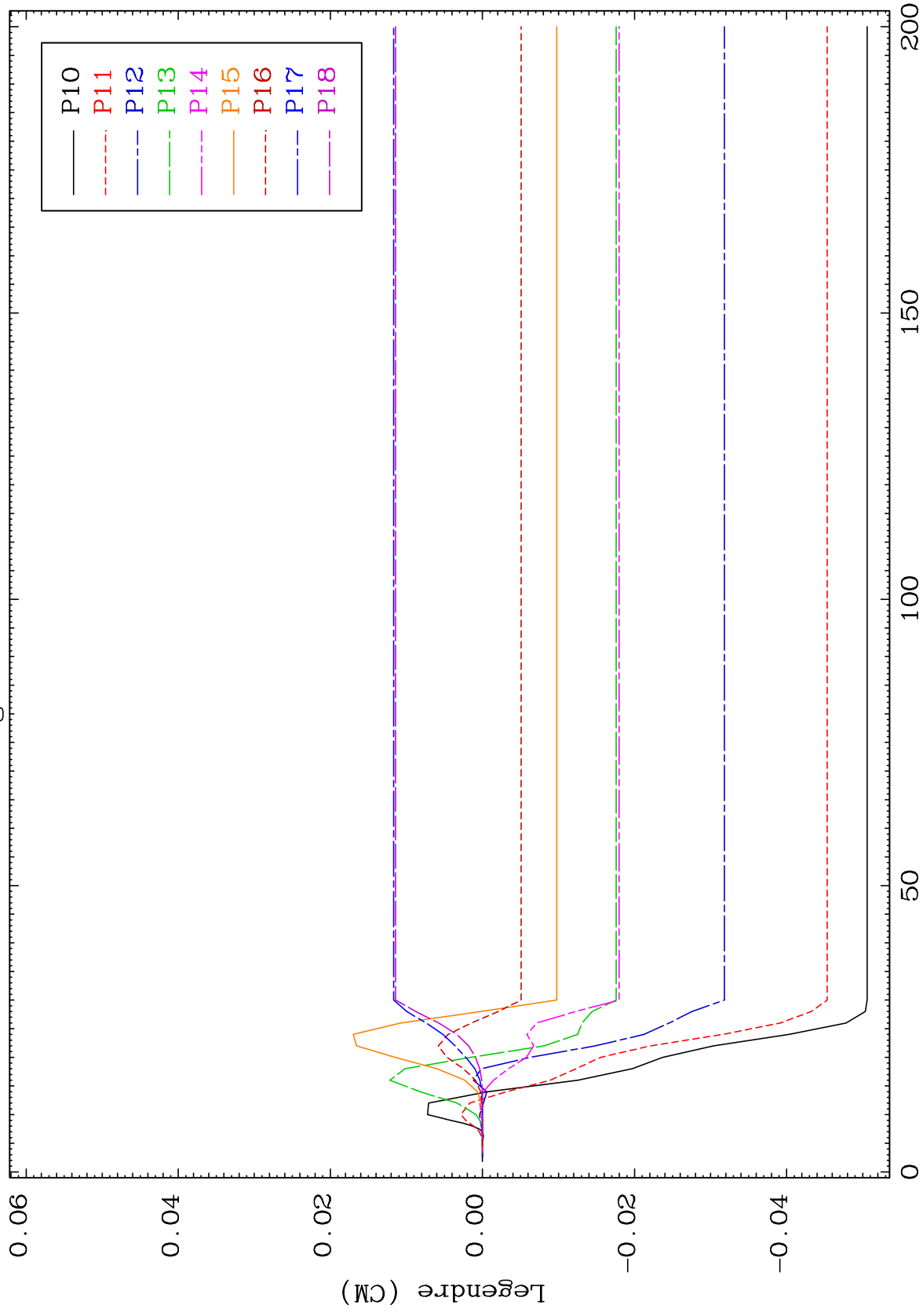
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



64

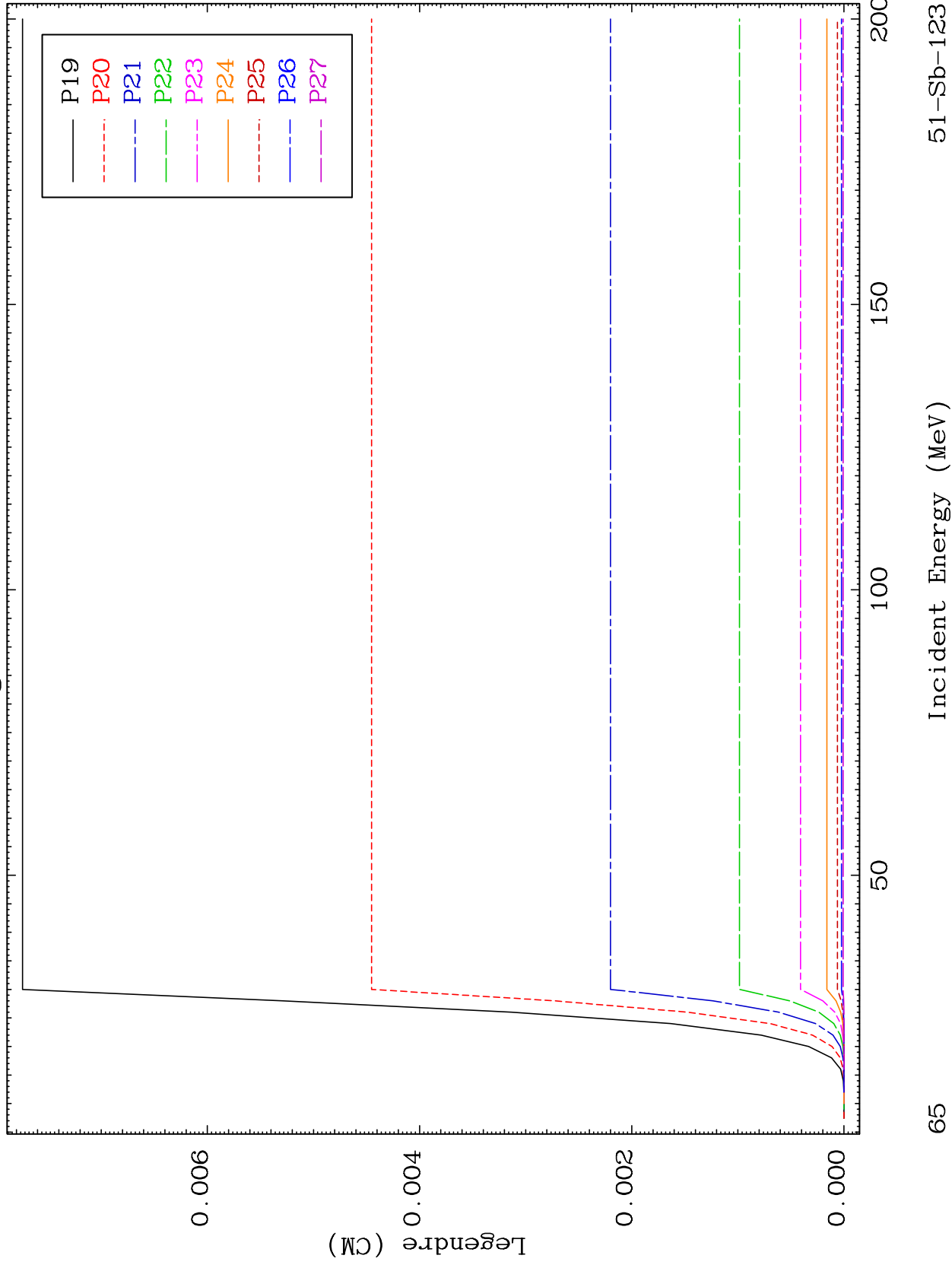
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

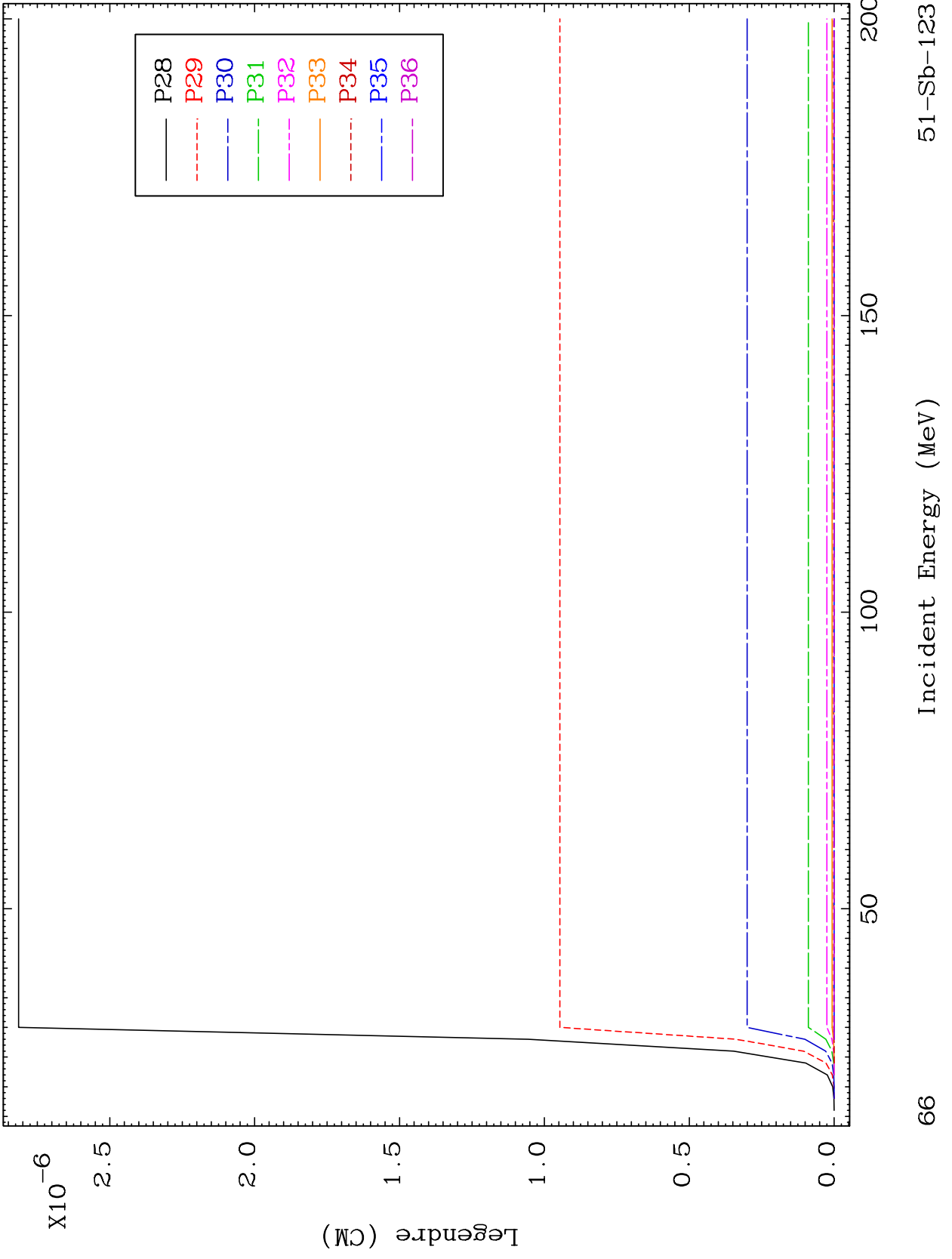
51-Sb-123



65

Incident Energy (MeV)

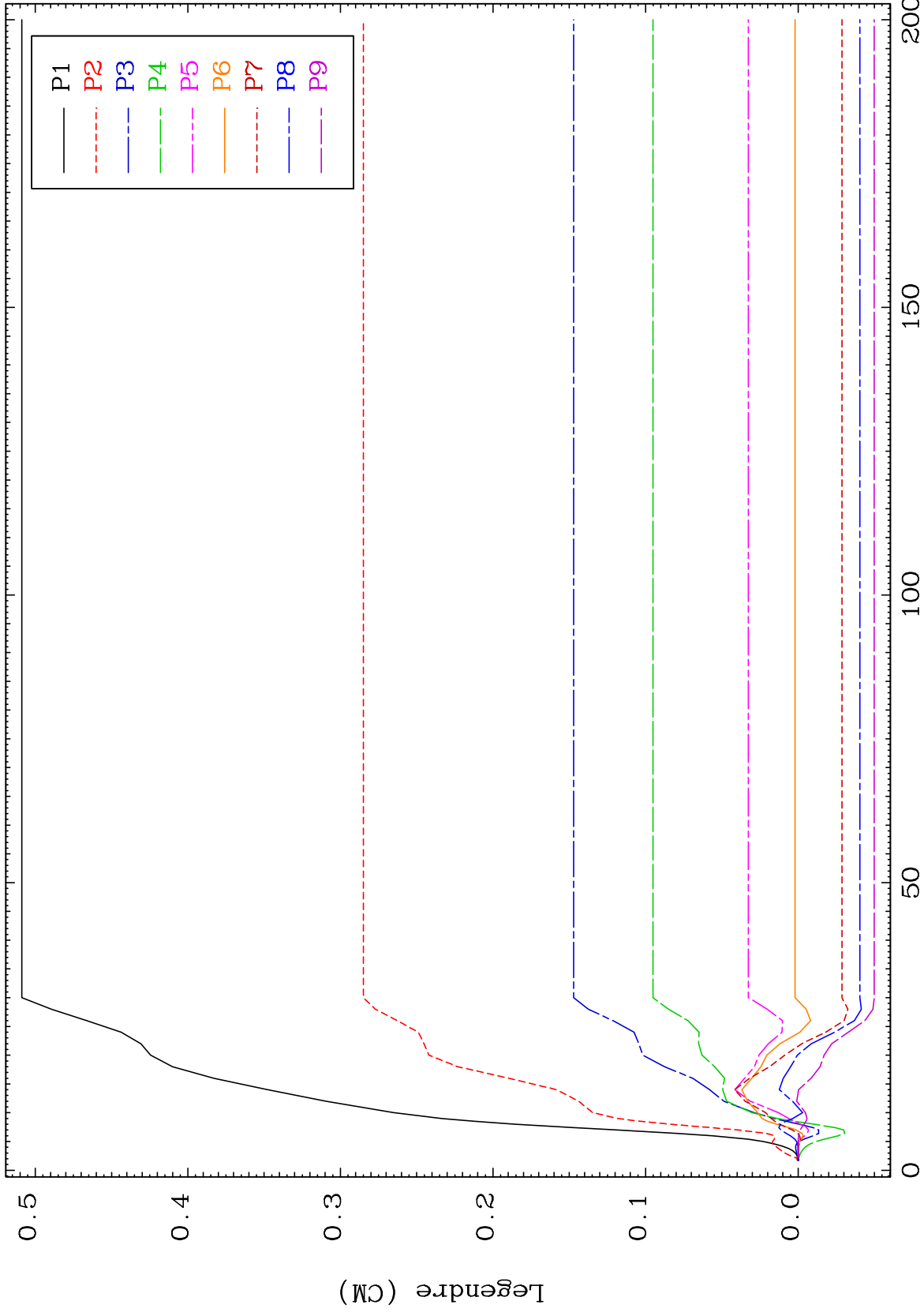
51-Sb-123



MAT 5131

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

51-Sb-123



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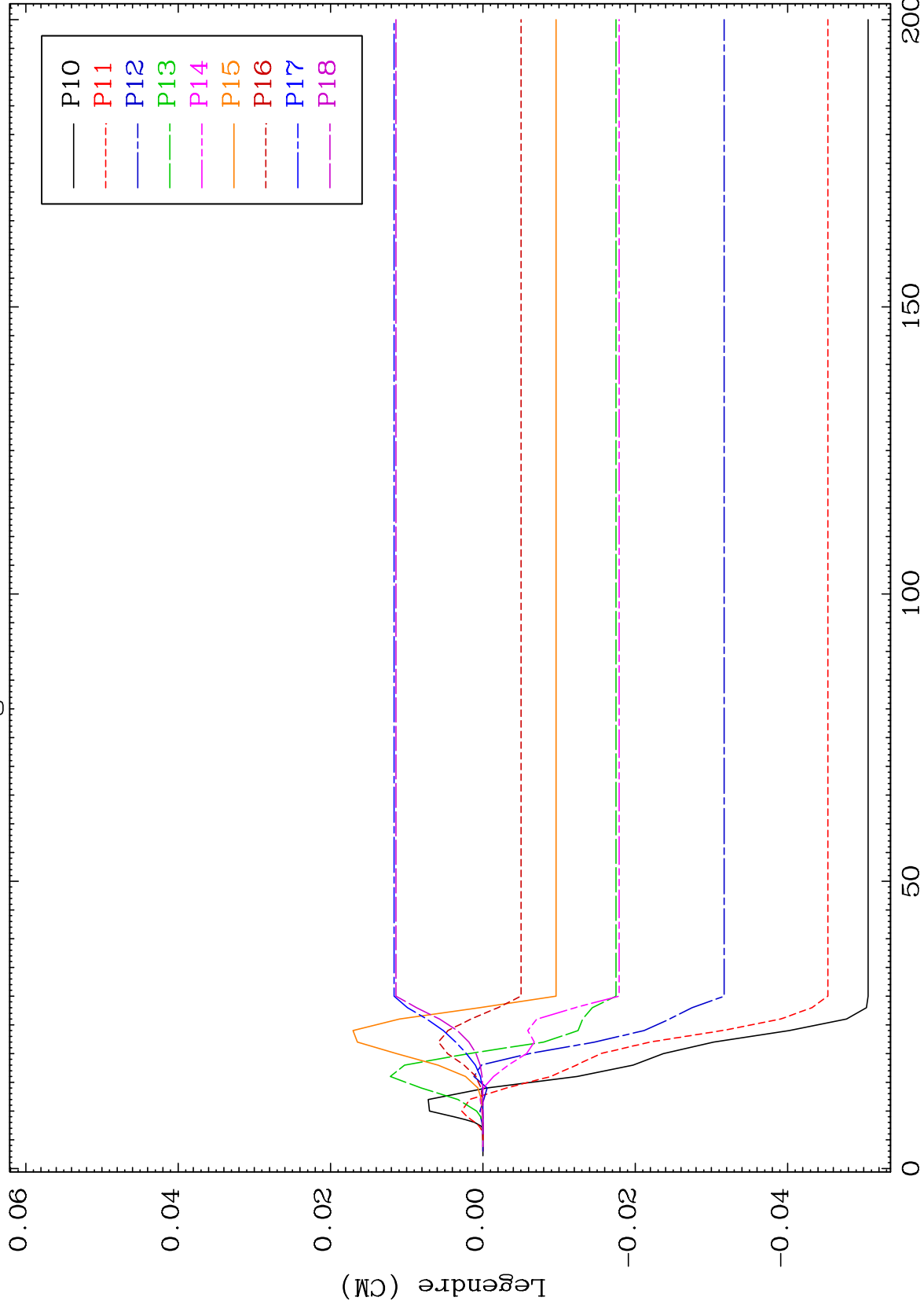
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



68

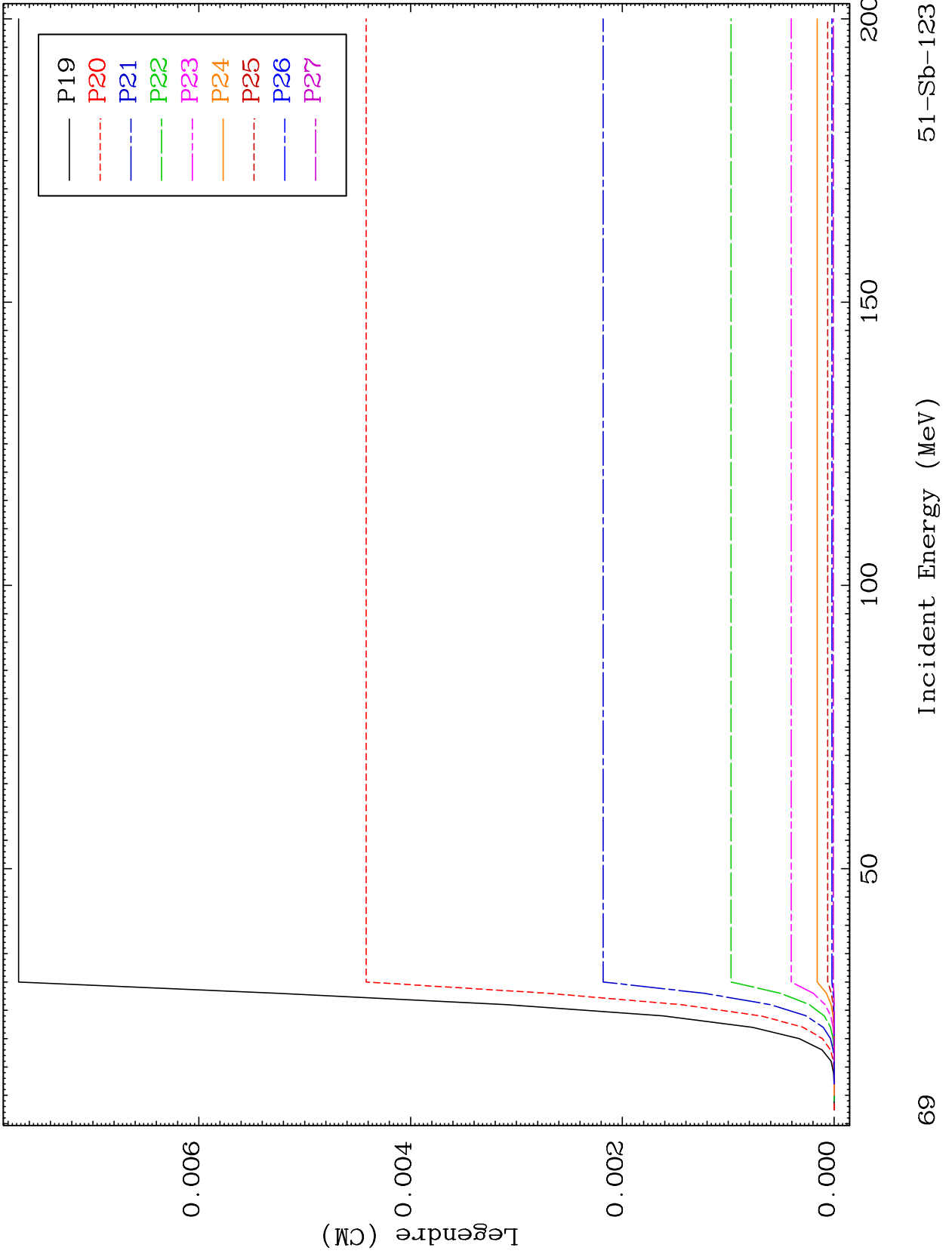
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

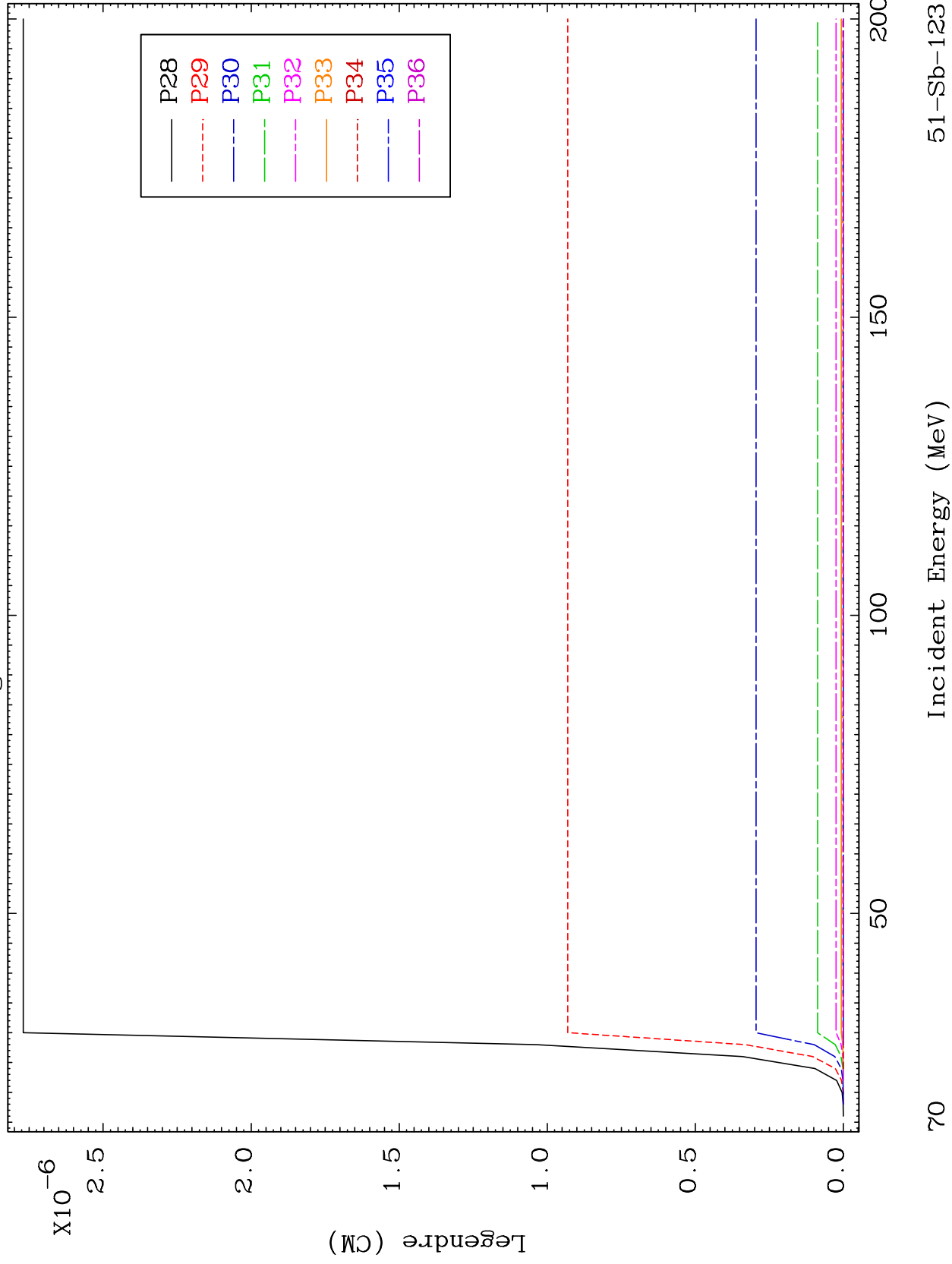
51-Sb-123



MAT 5131

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

51-Sb-123



51-Sb-123

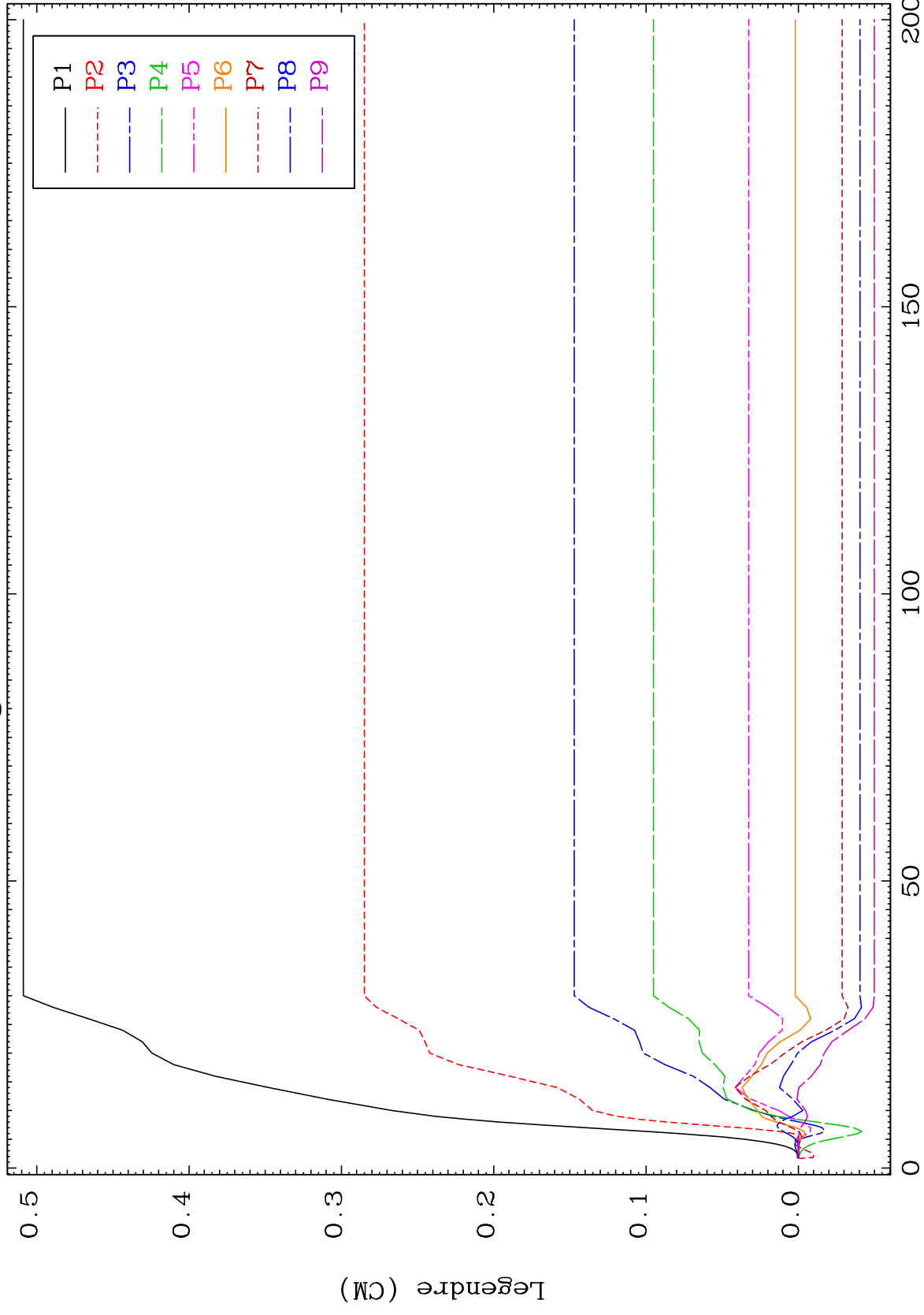
Incident Energy (MeV)

70

MAT 5131

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

51-Sb-123



71

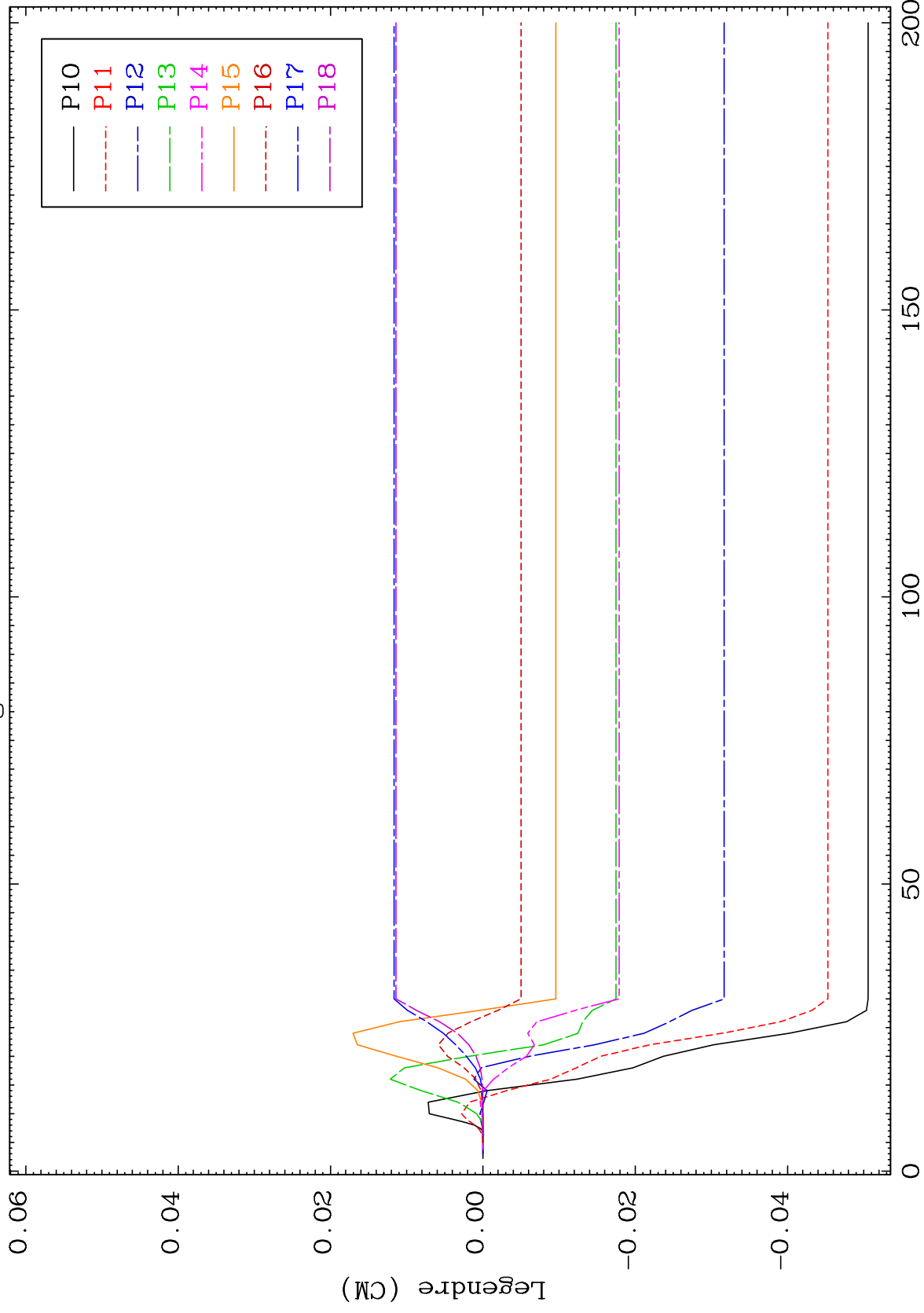
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



72

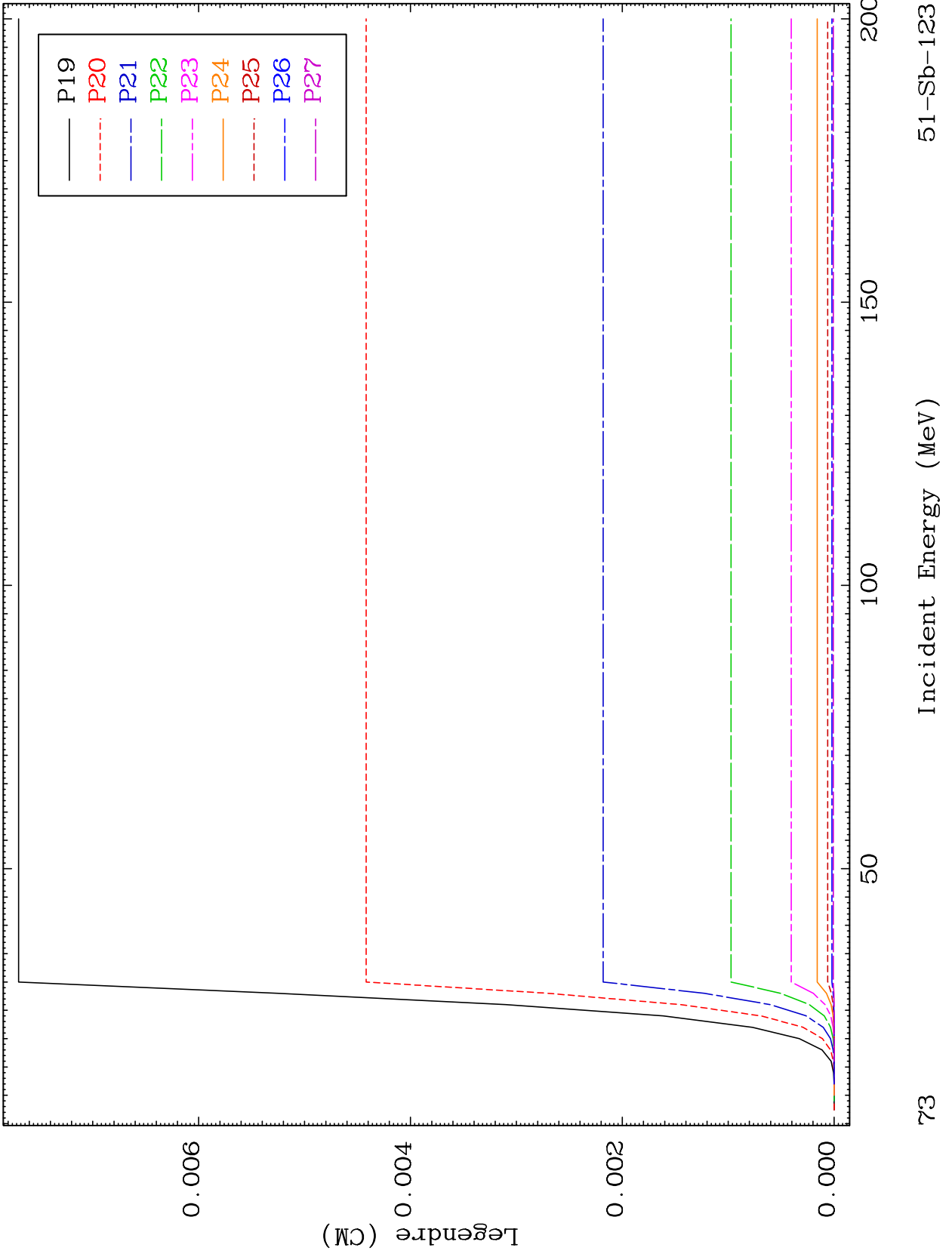
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



73

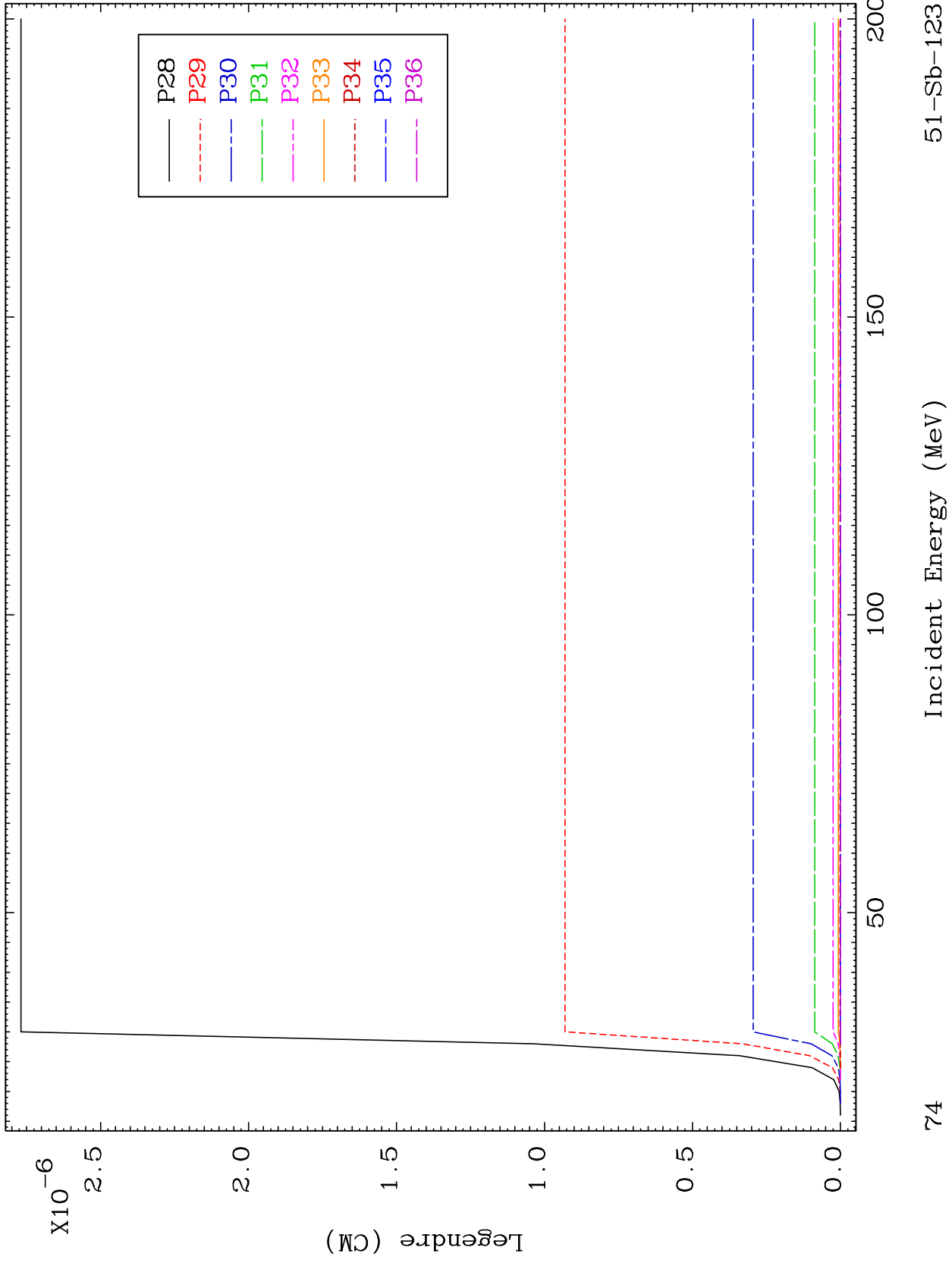
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

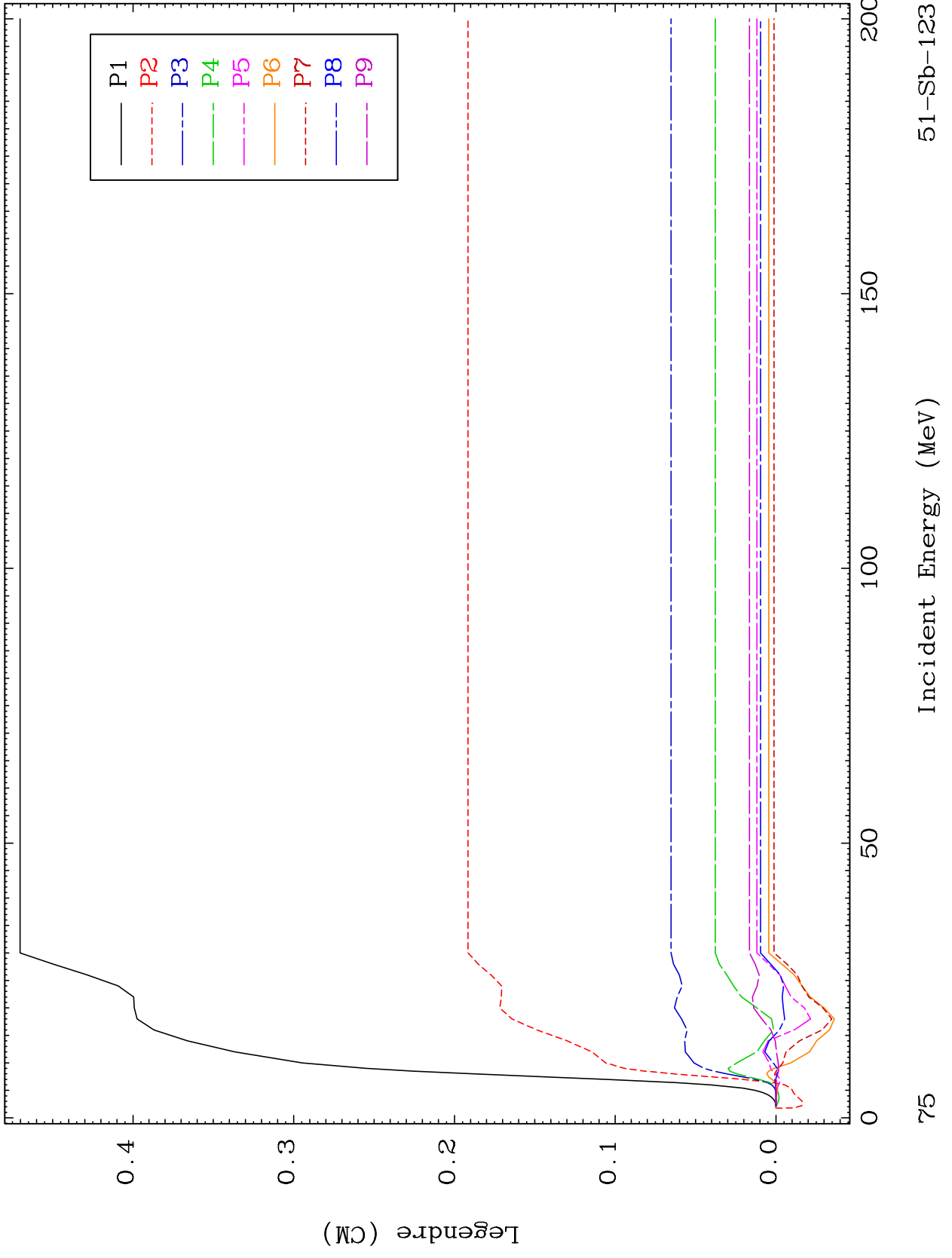
51-Sb-123



MAT 5131

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

51-Sb-123



51-Sb-123

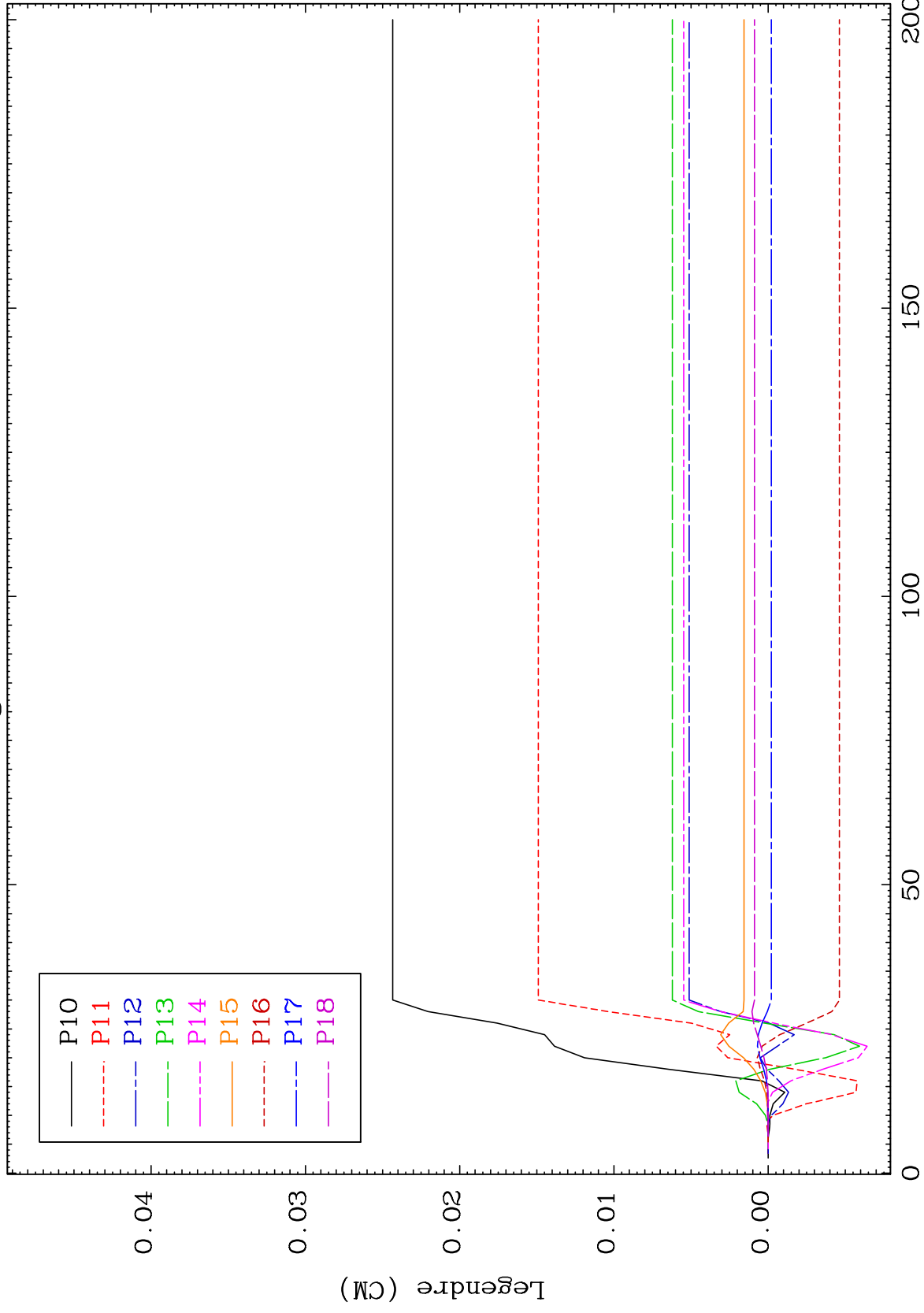
Incident Energy (MeV)

75

MAT 5131

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

51-Sb-123



76

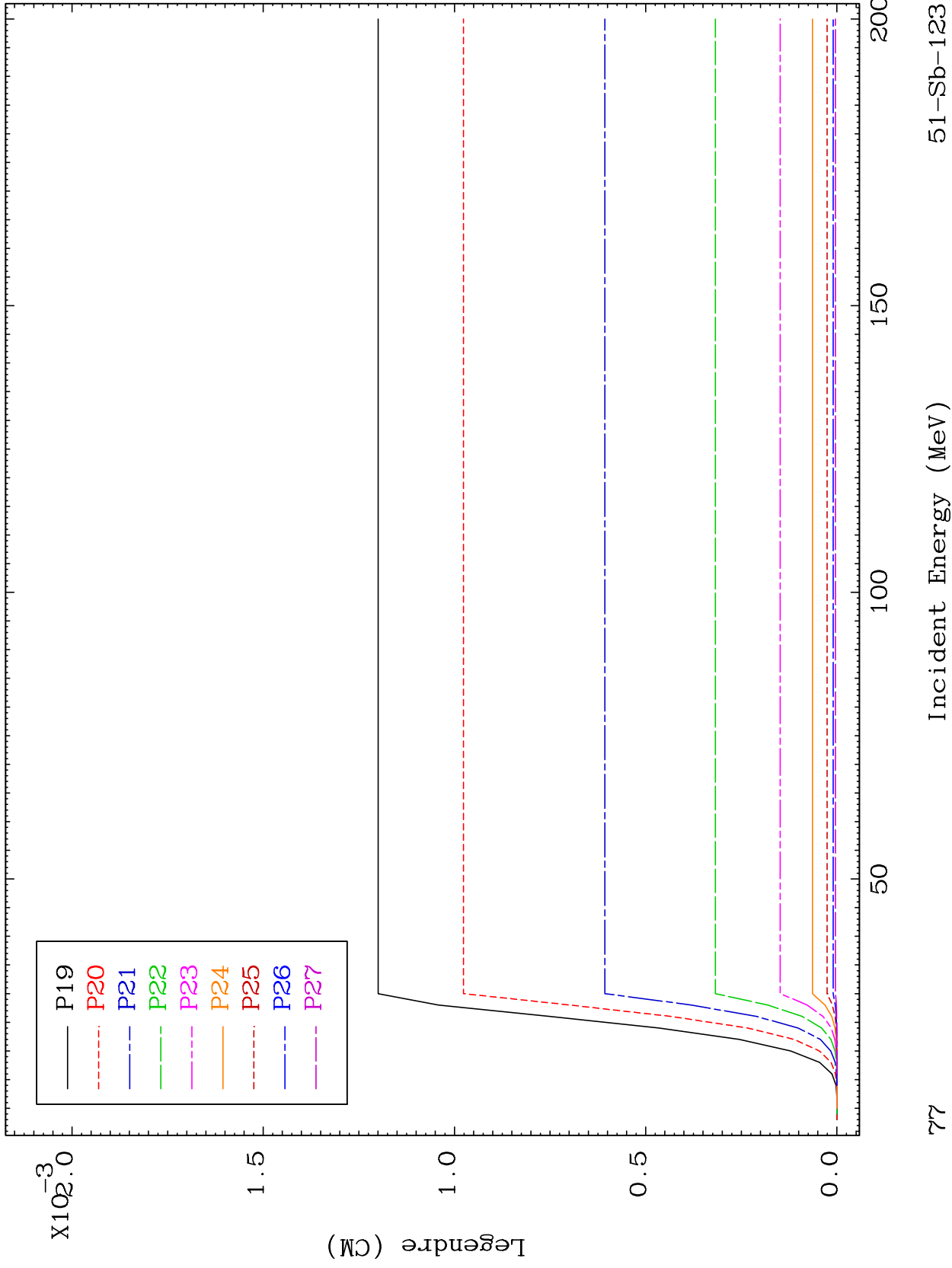
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

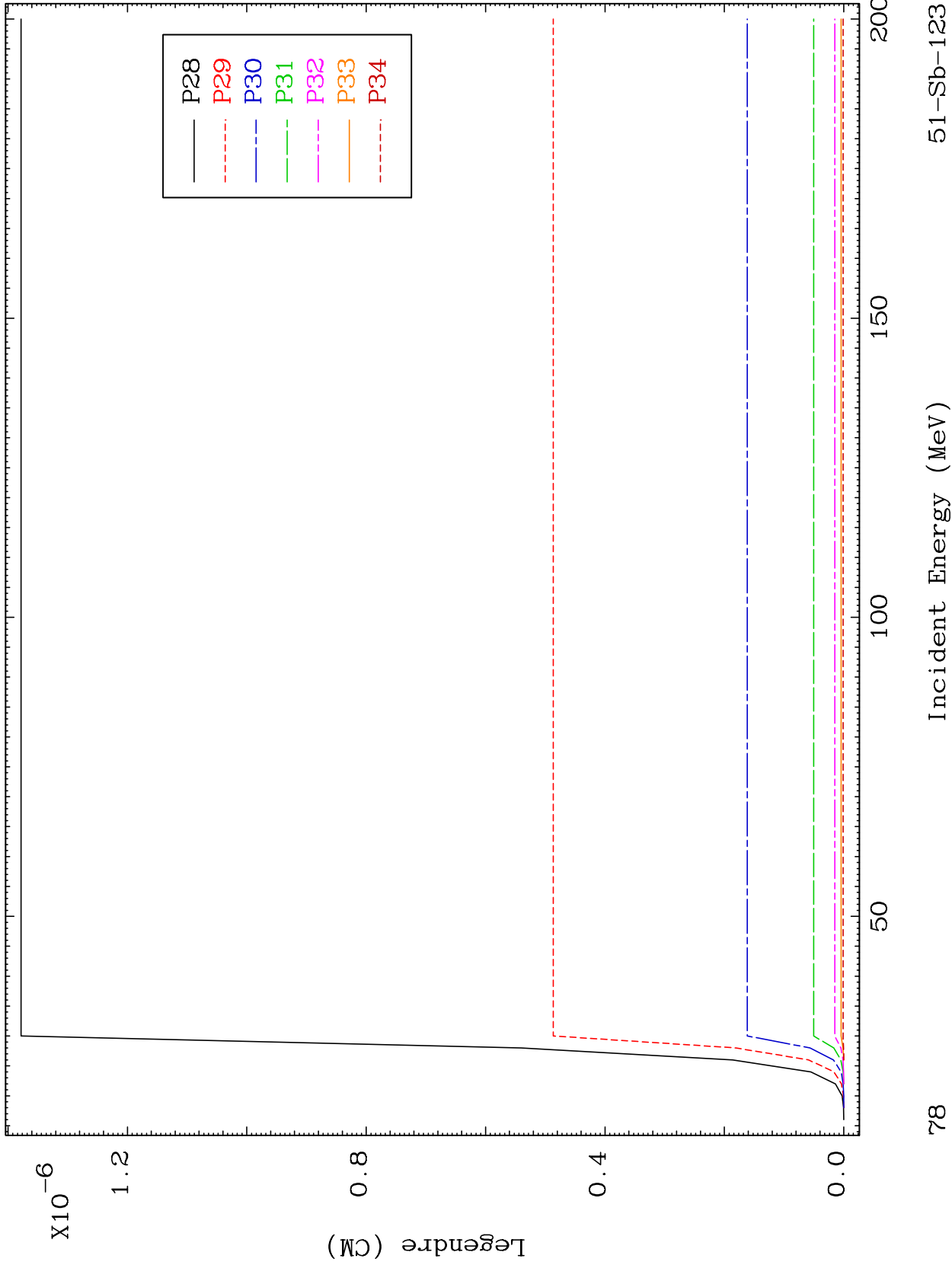
51-Sb-123



MAT 5131

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

51-Sb-123



78

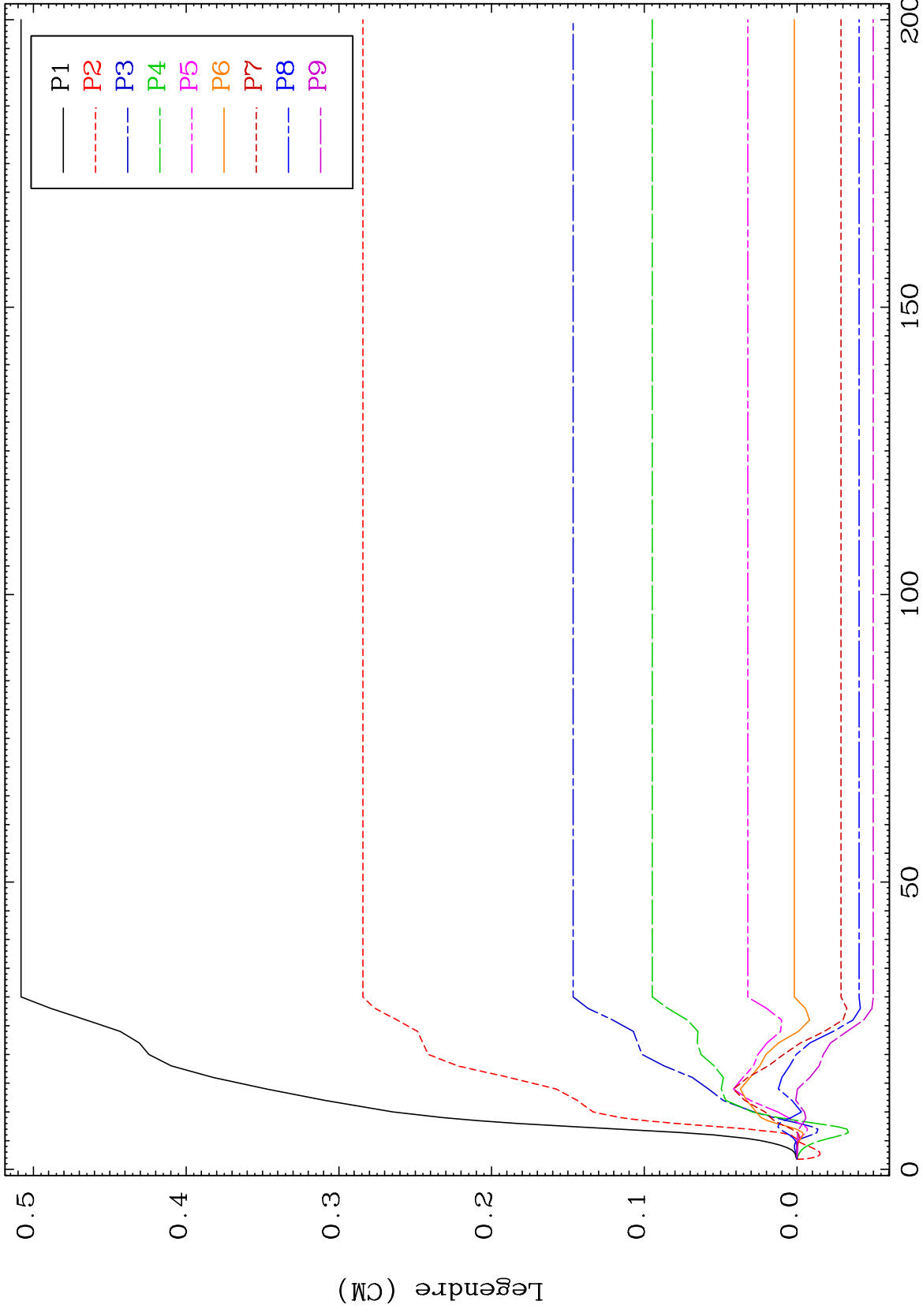
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



79

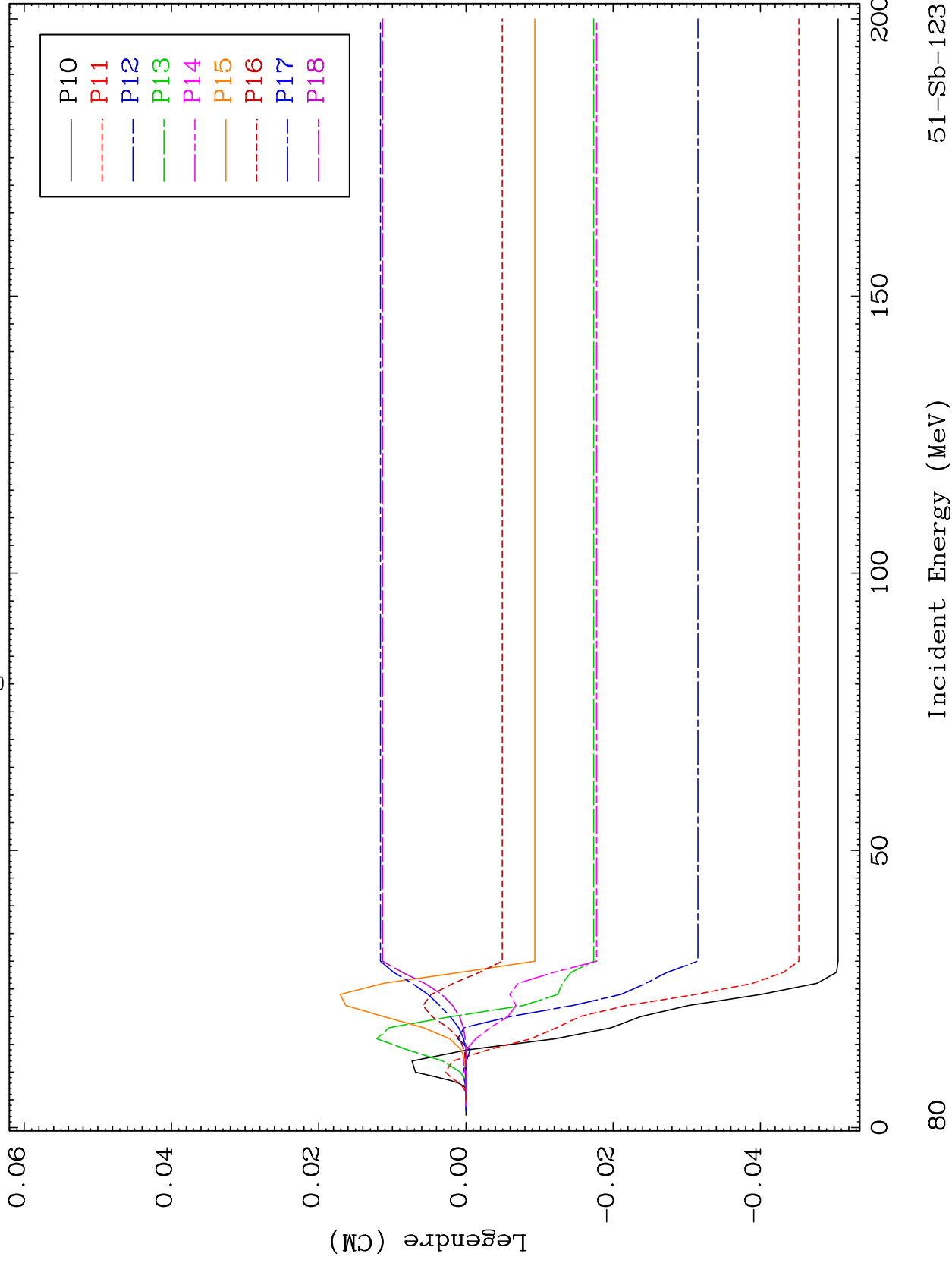
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

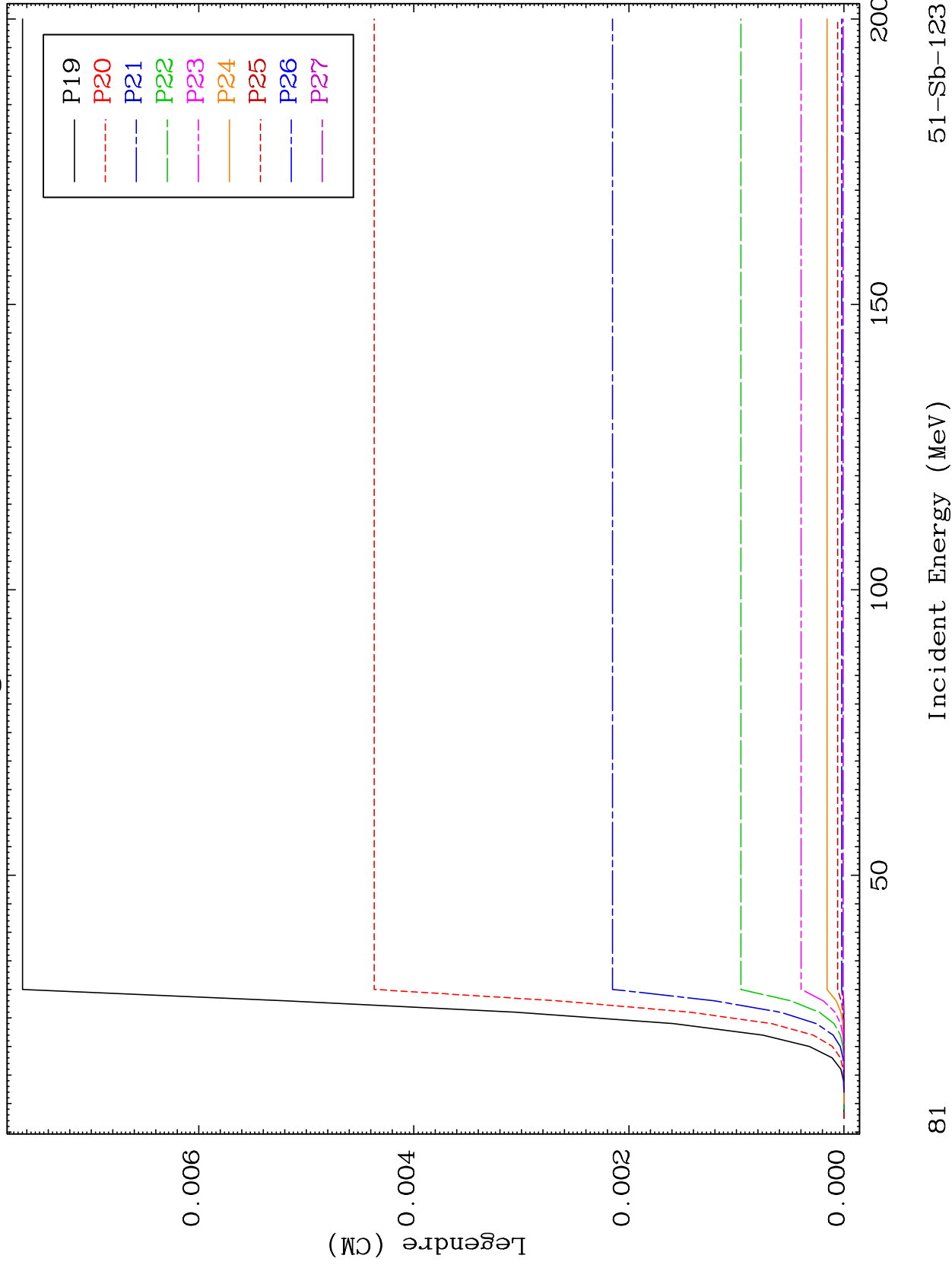
51-Sb-123



MAT 5131

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

51-Sb-123



81

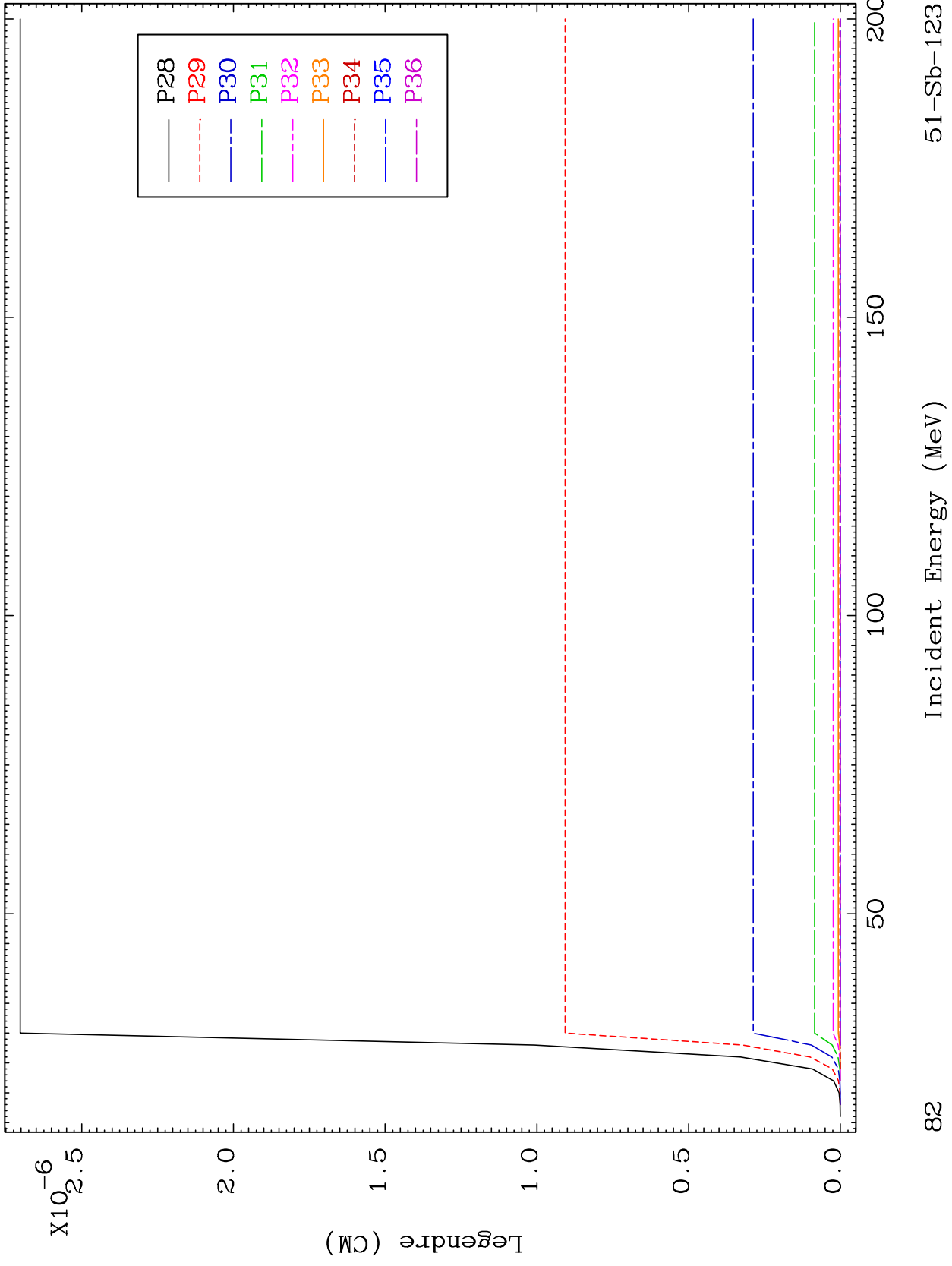
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

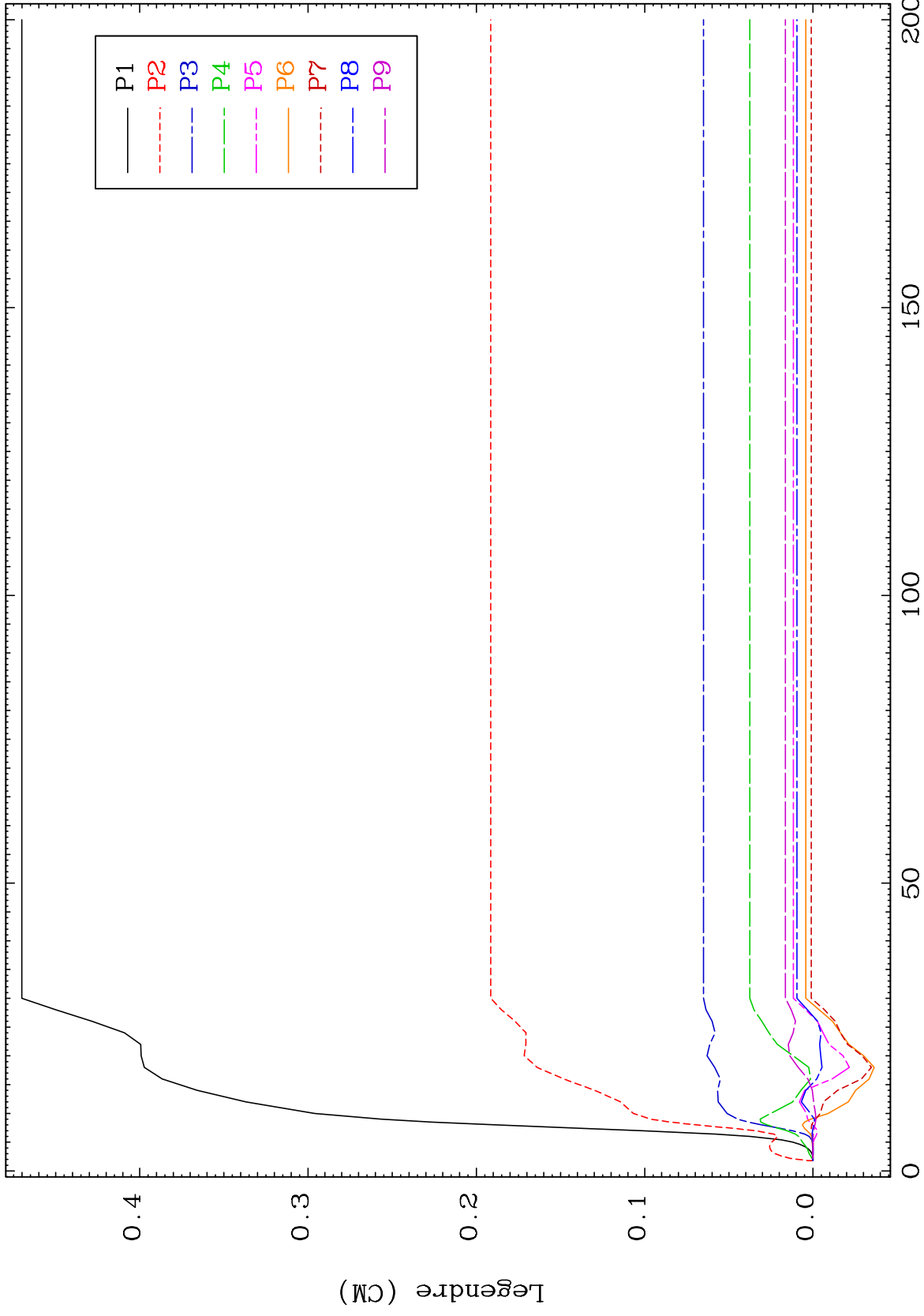
51-Sb-123

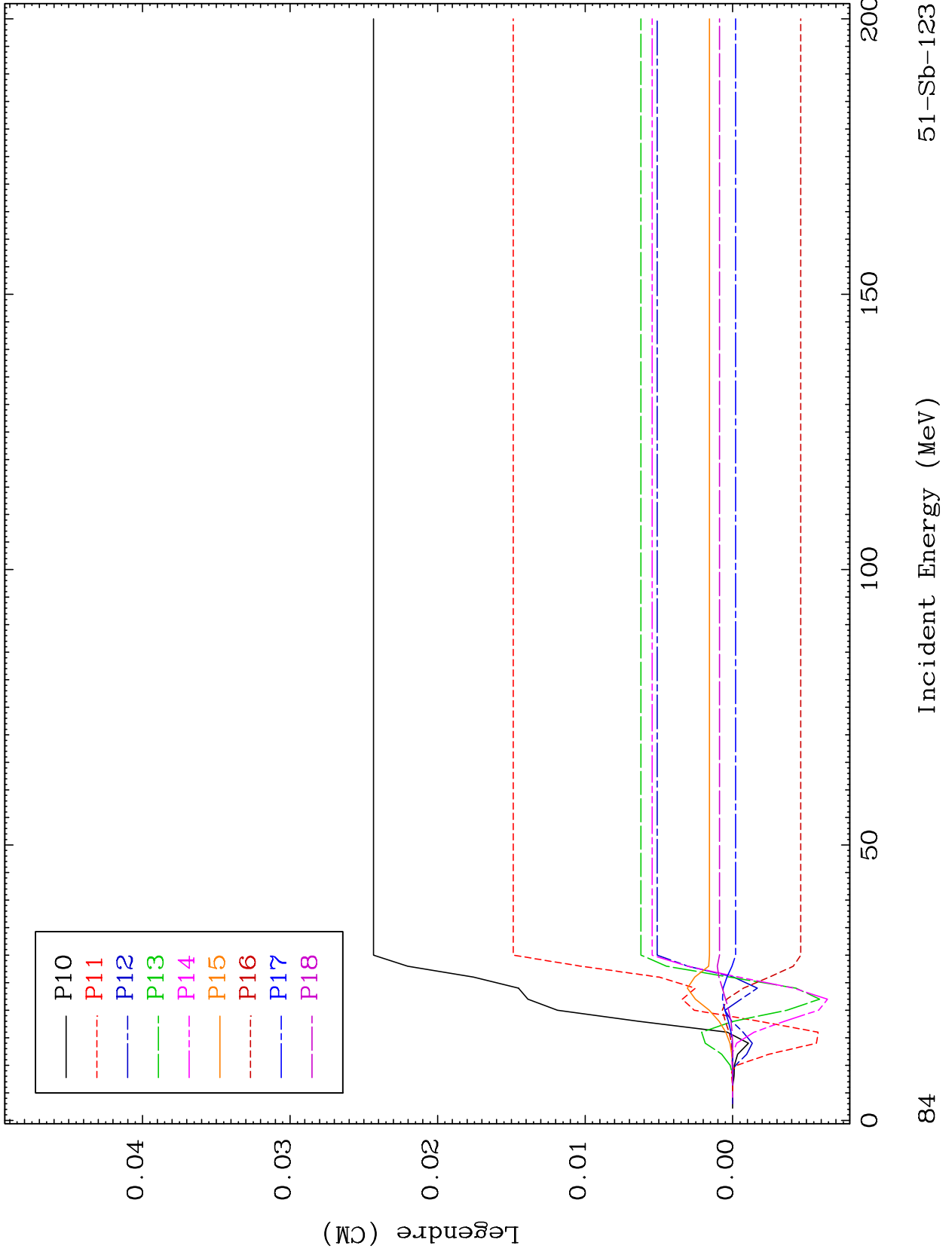


82

Incident Energy (MeV)

51-Sb-123

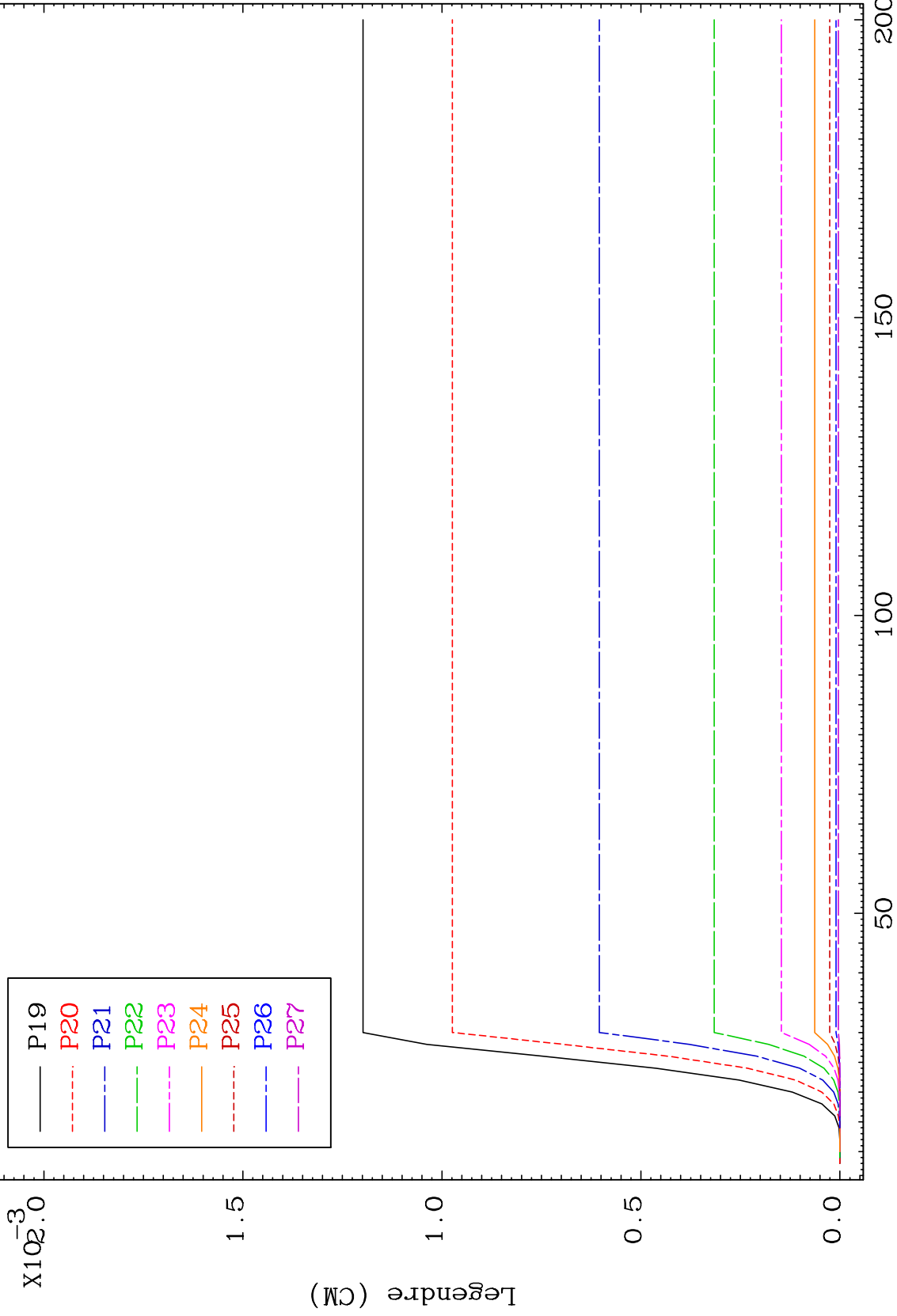
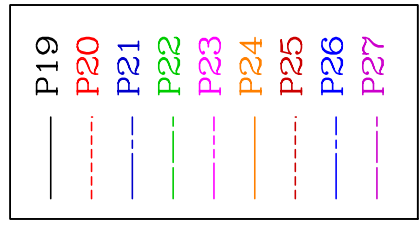




MAT 5131

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

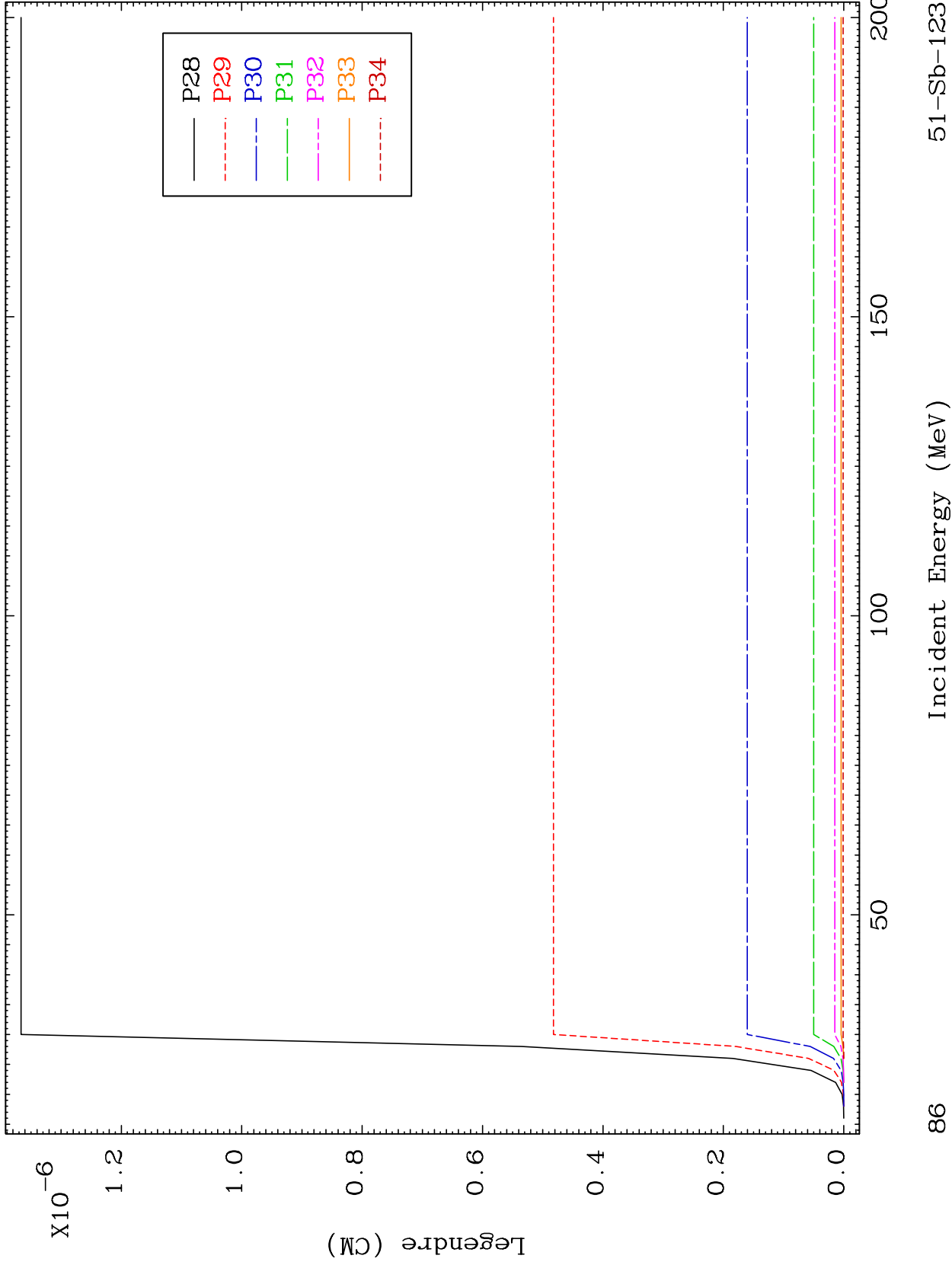
51-Sb-123



85

Incident Energy (MeV)

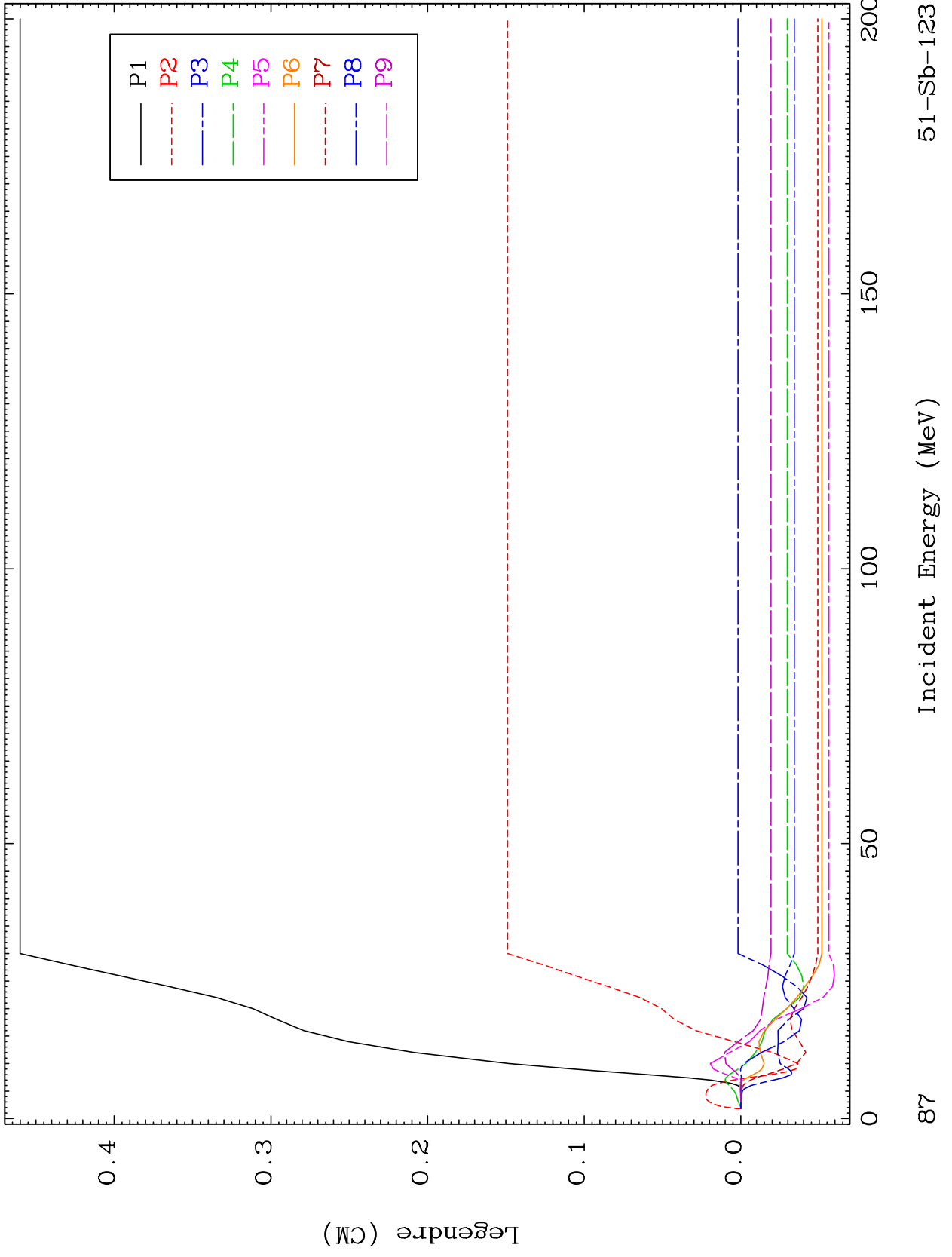
51-Sb-123



MAT 5131

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

51-Sb-123



87

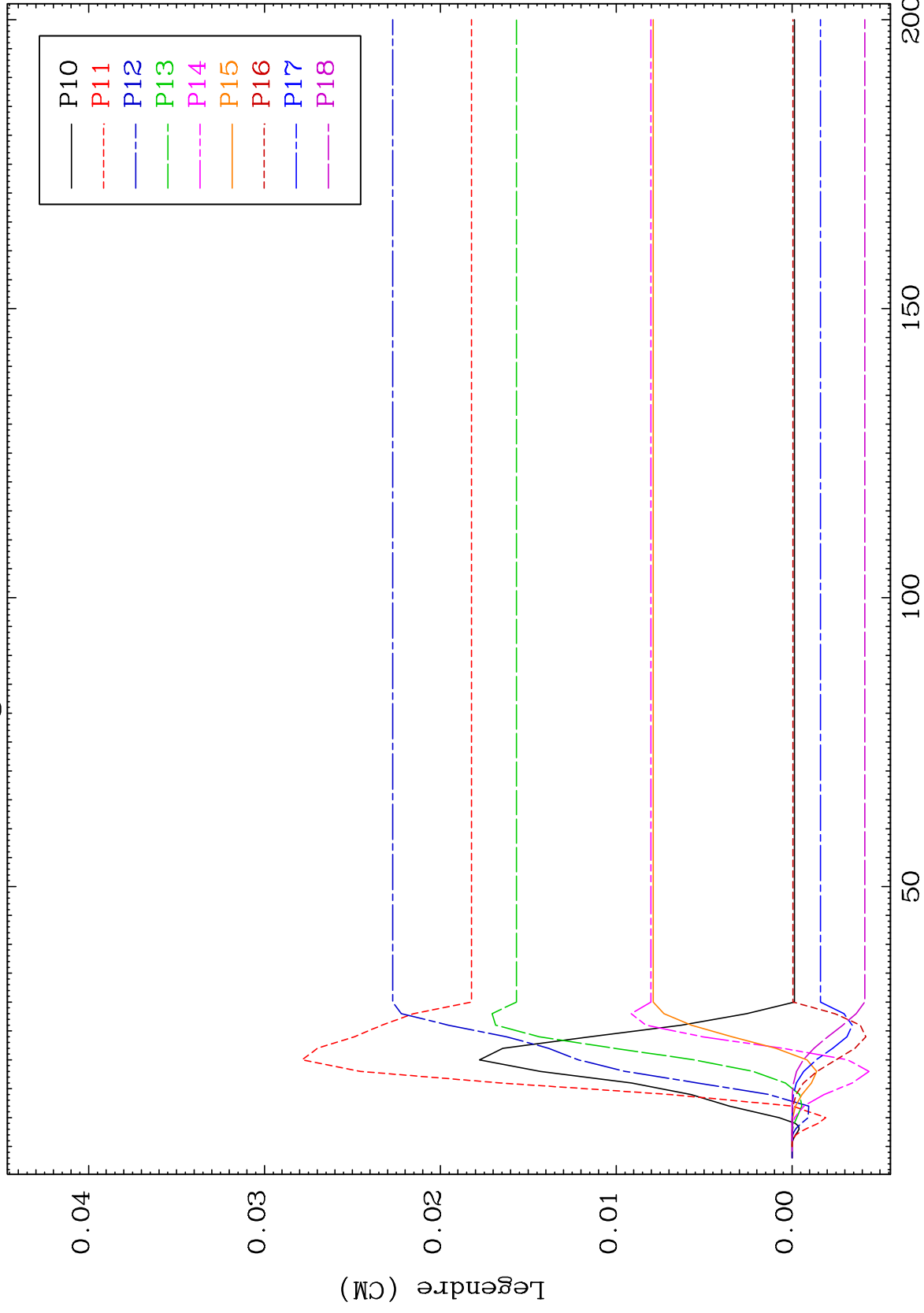
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

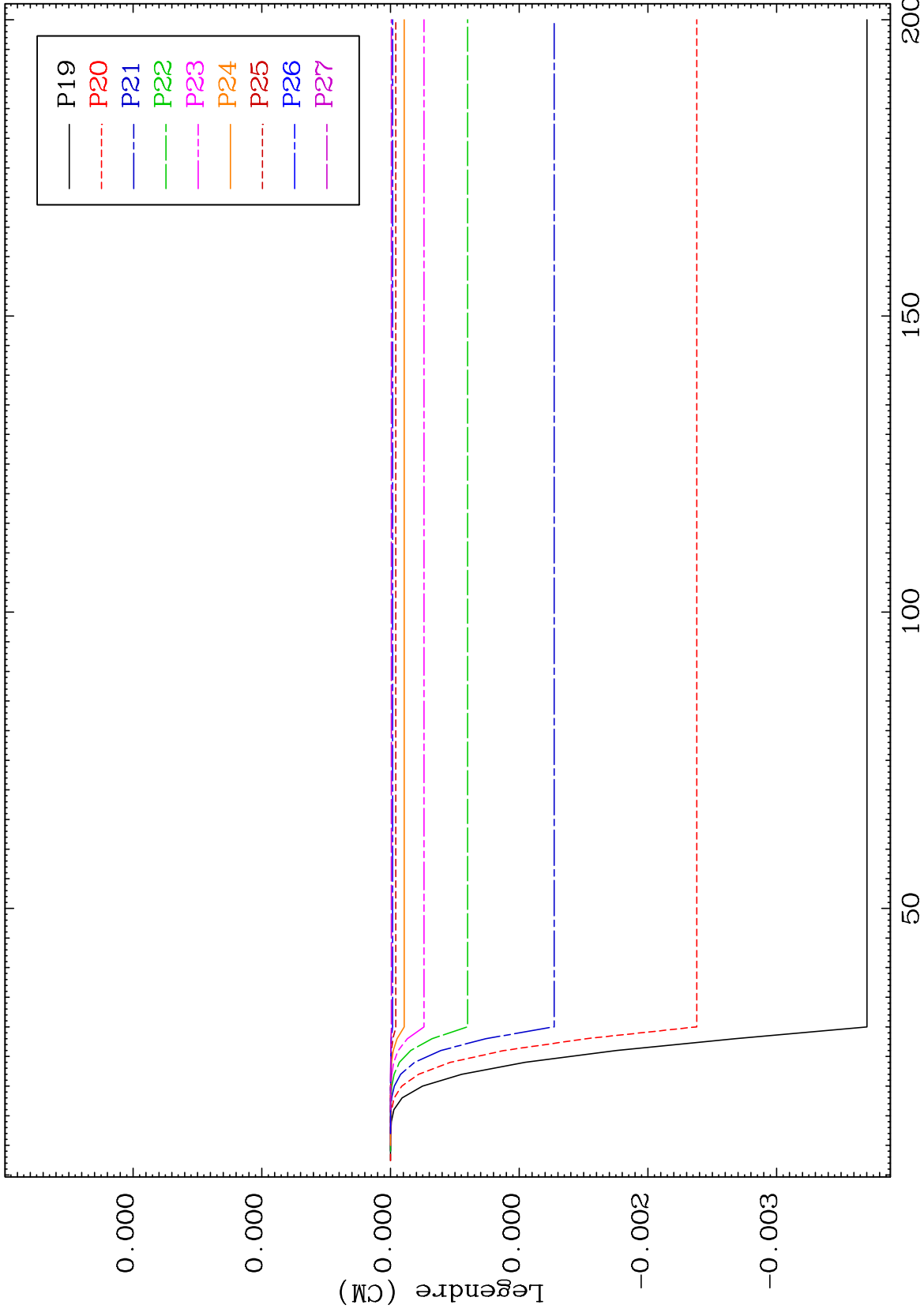
51-Sb-123



88

Incident Energy (MeV)

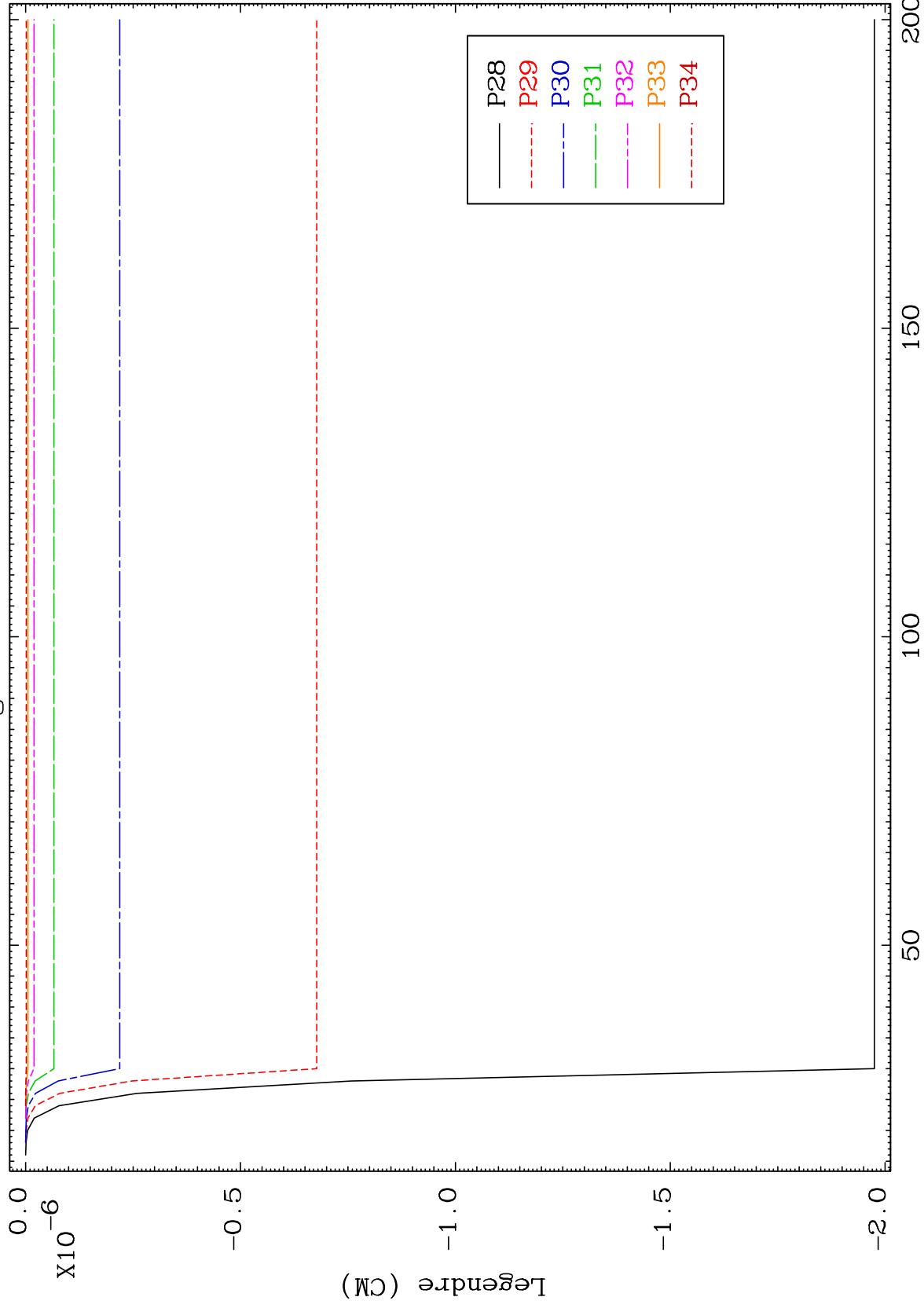
51-Sb-123



MAT 5131

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

51-Sb-123



90

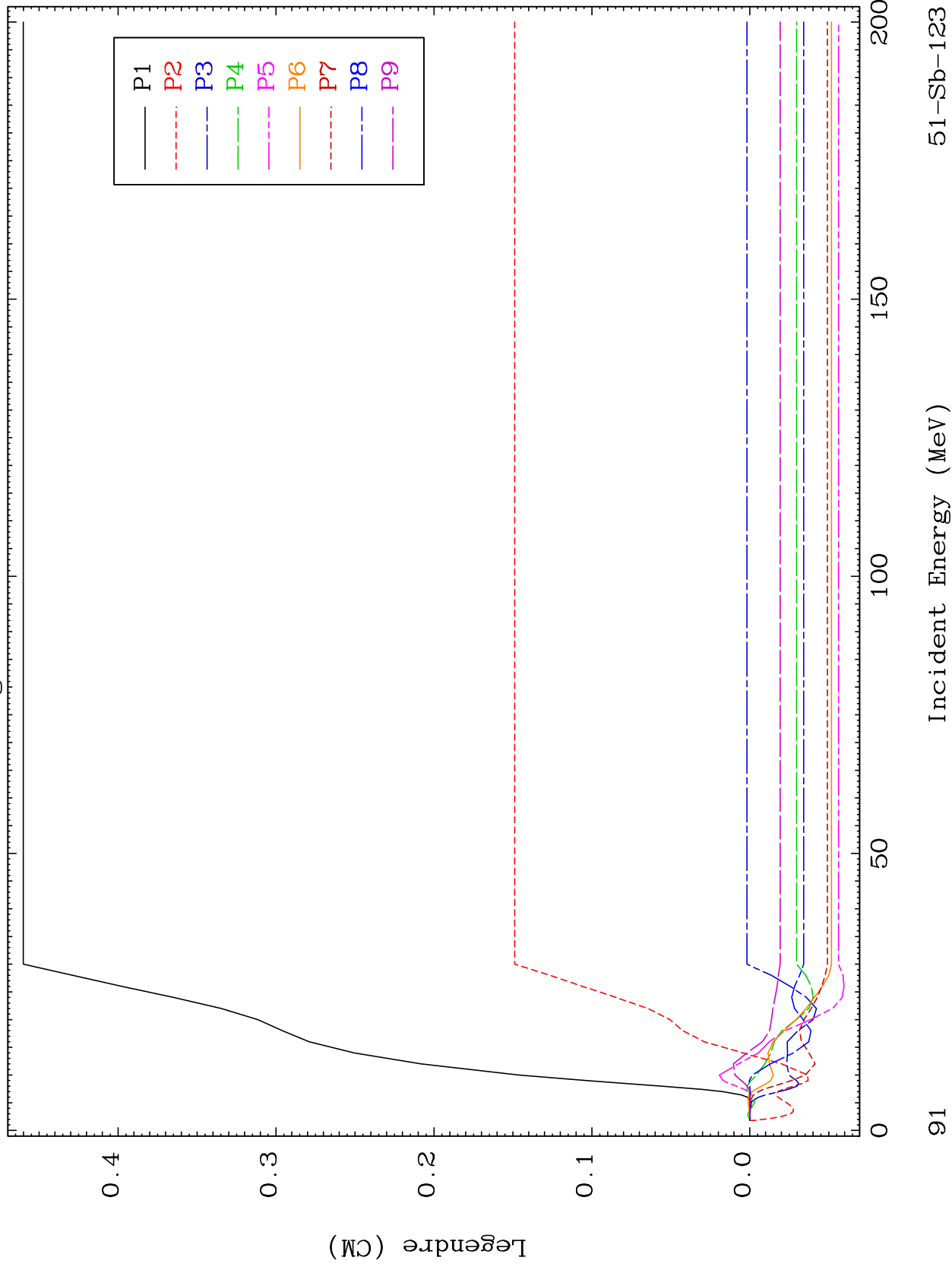
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

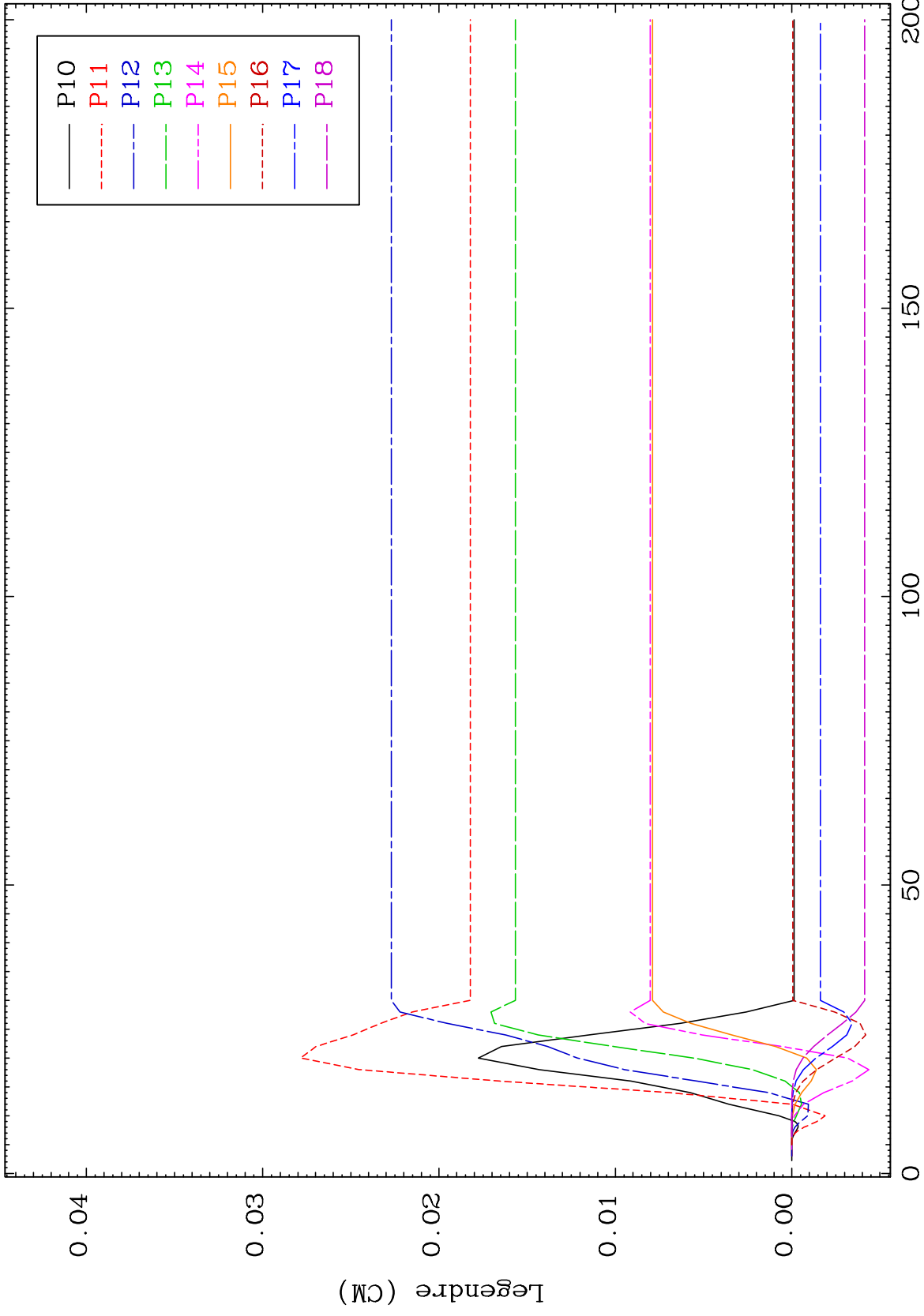
51-Sb-123



MAT 5131

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

51-Sb-123



92

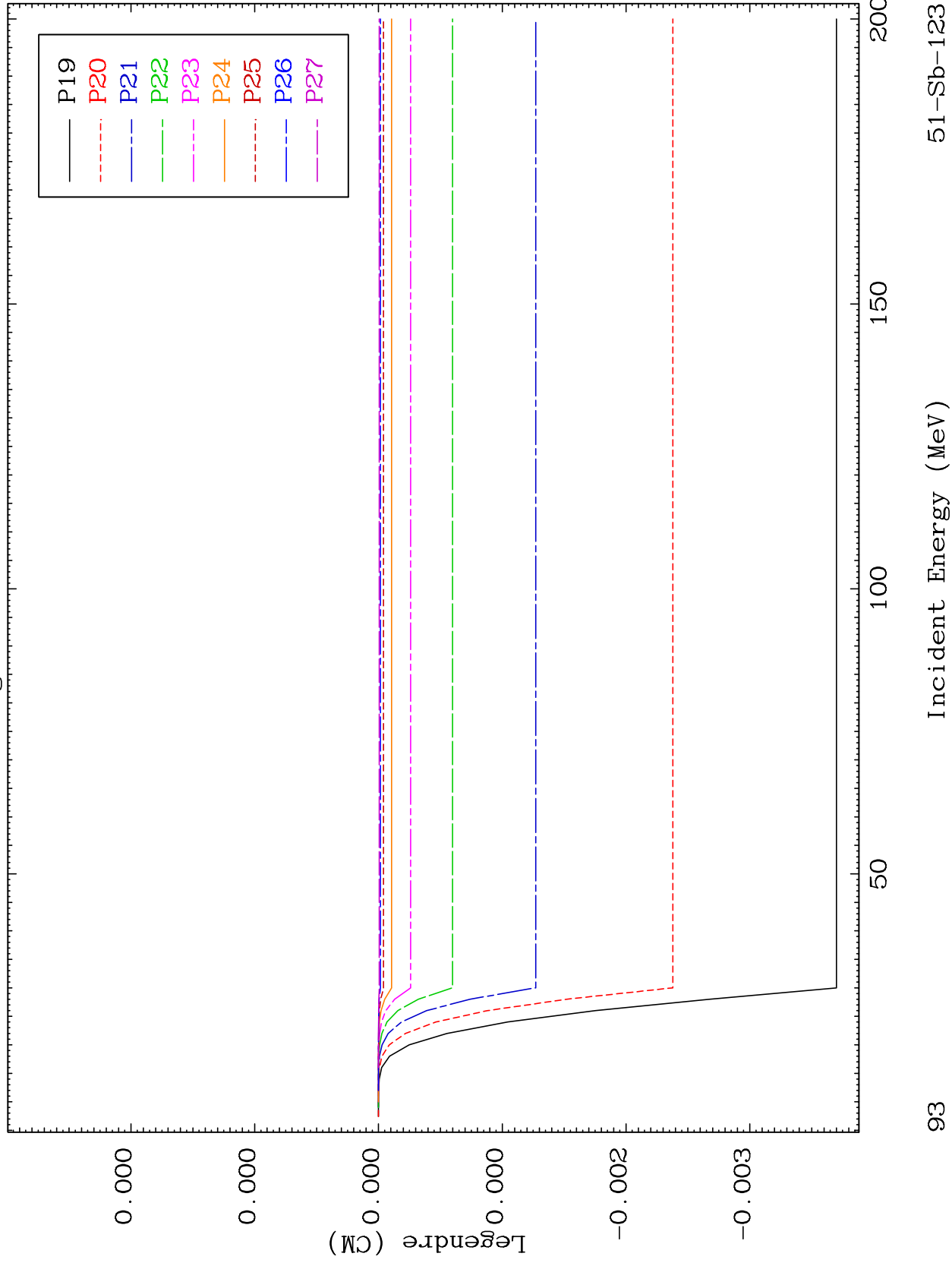
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



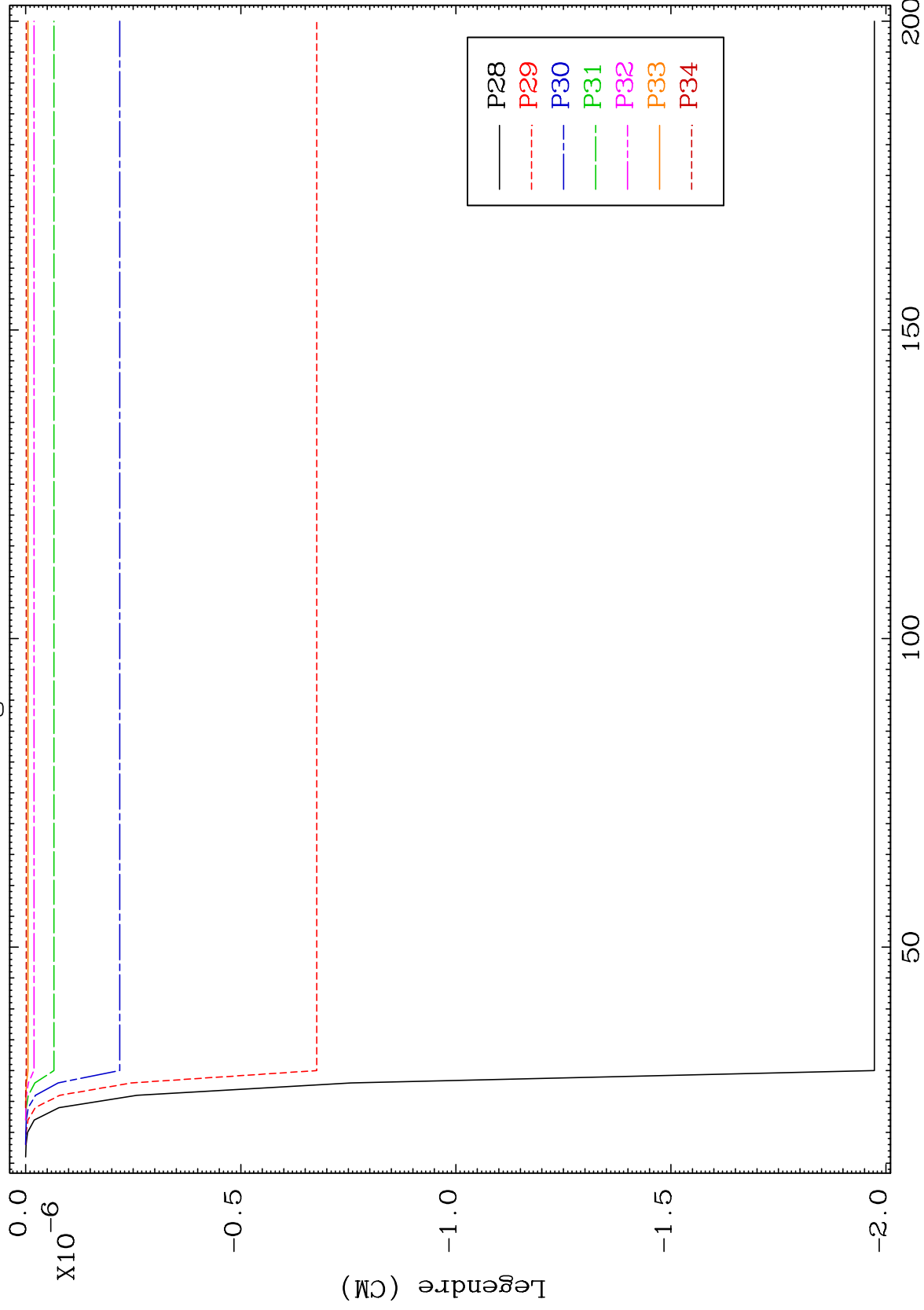
93

51-Sb-123

MAT 5131

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

51-Sb-123



94

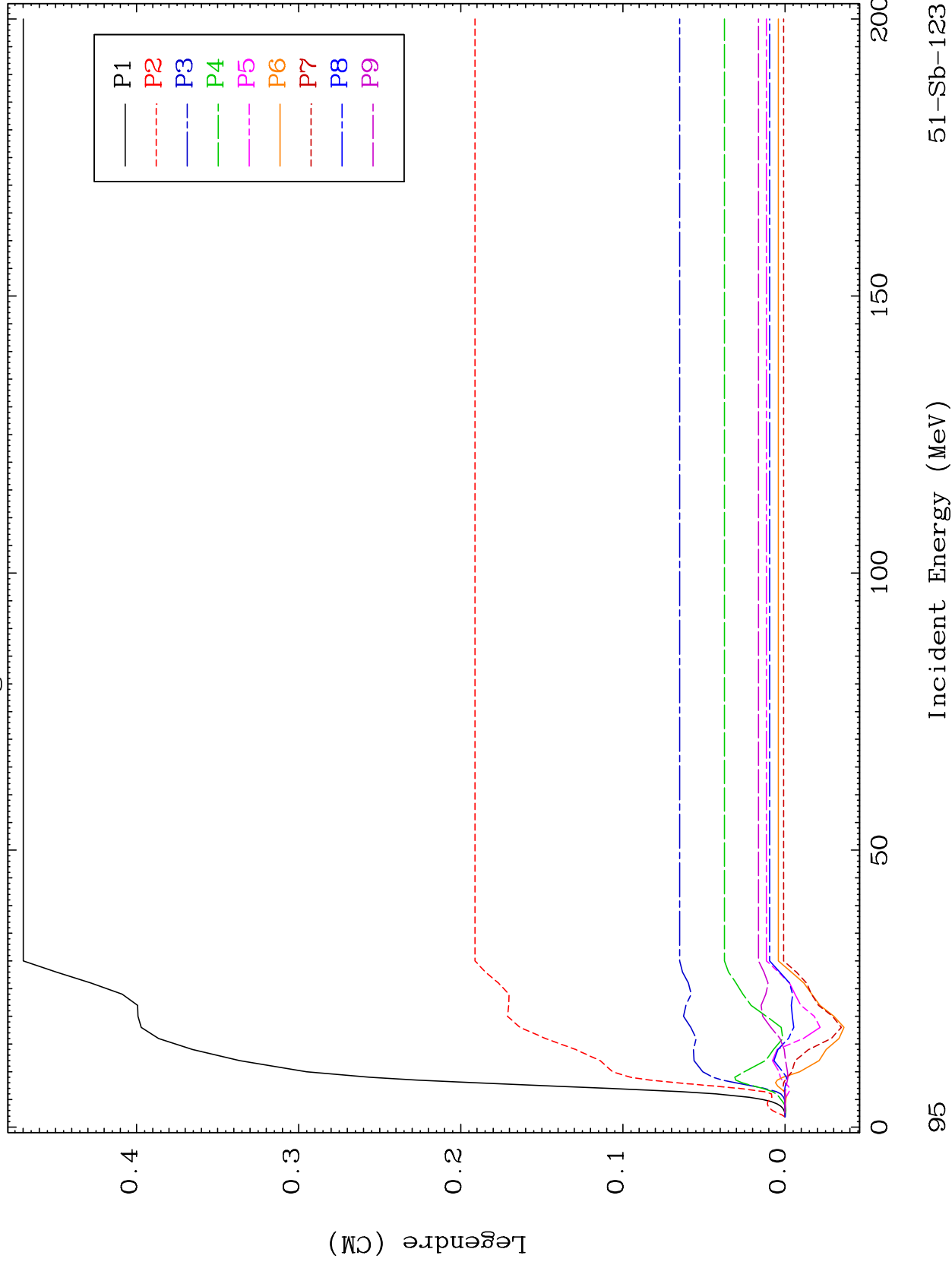
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

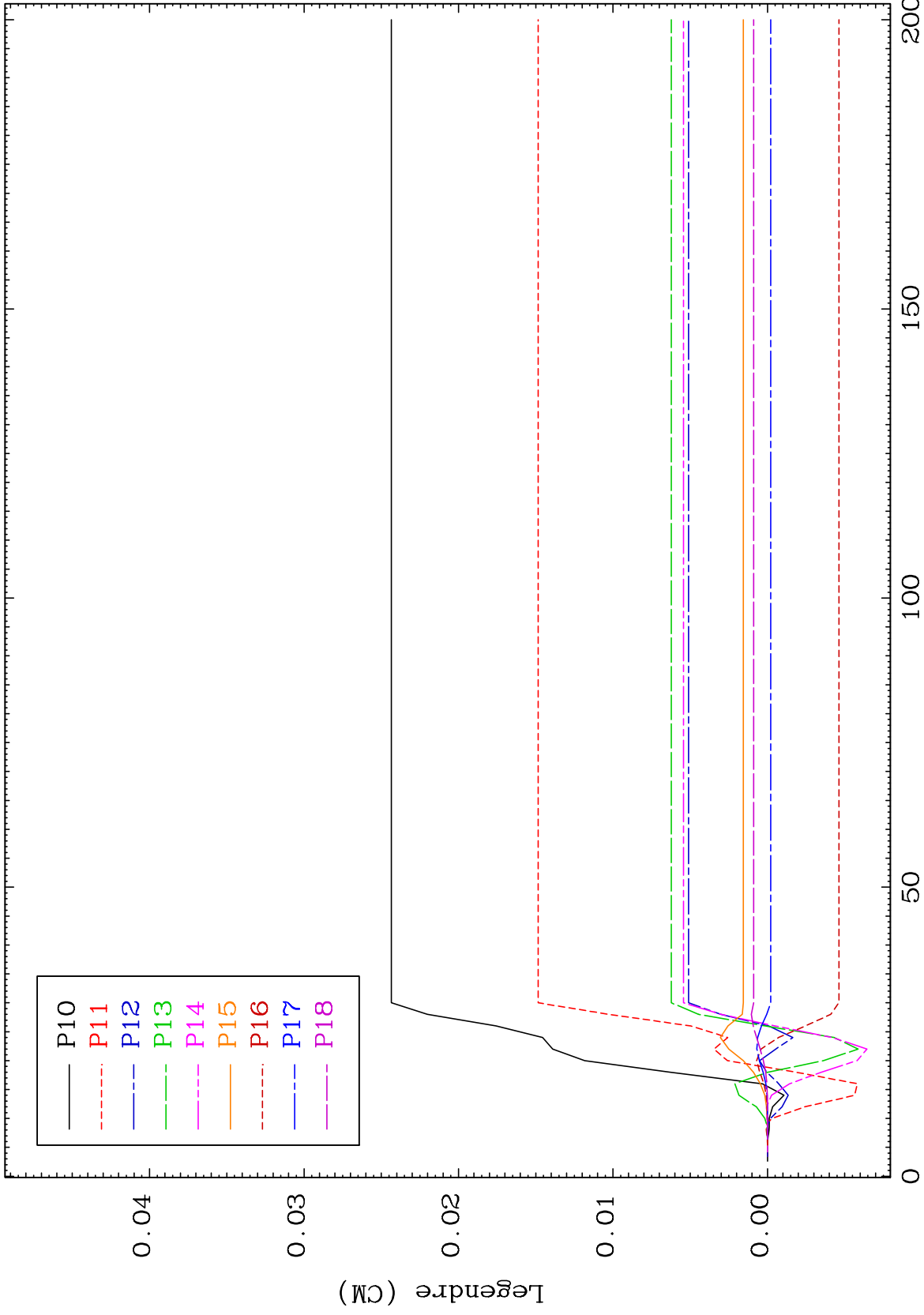
Incident Energy (MeV)

95

MAT 5131

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

51-Sb-123



96

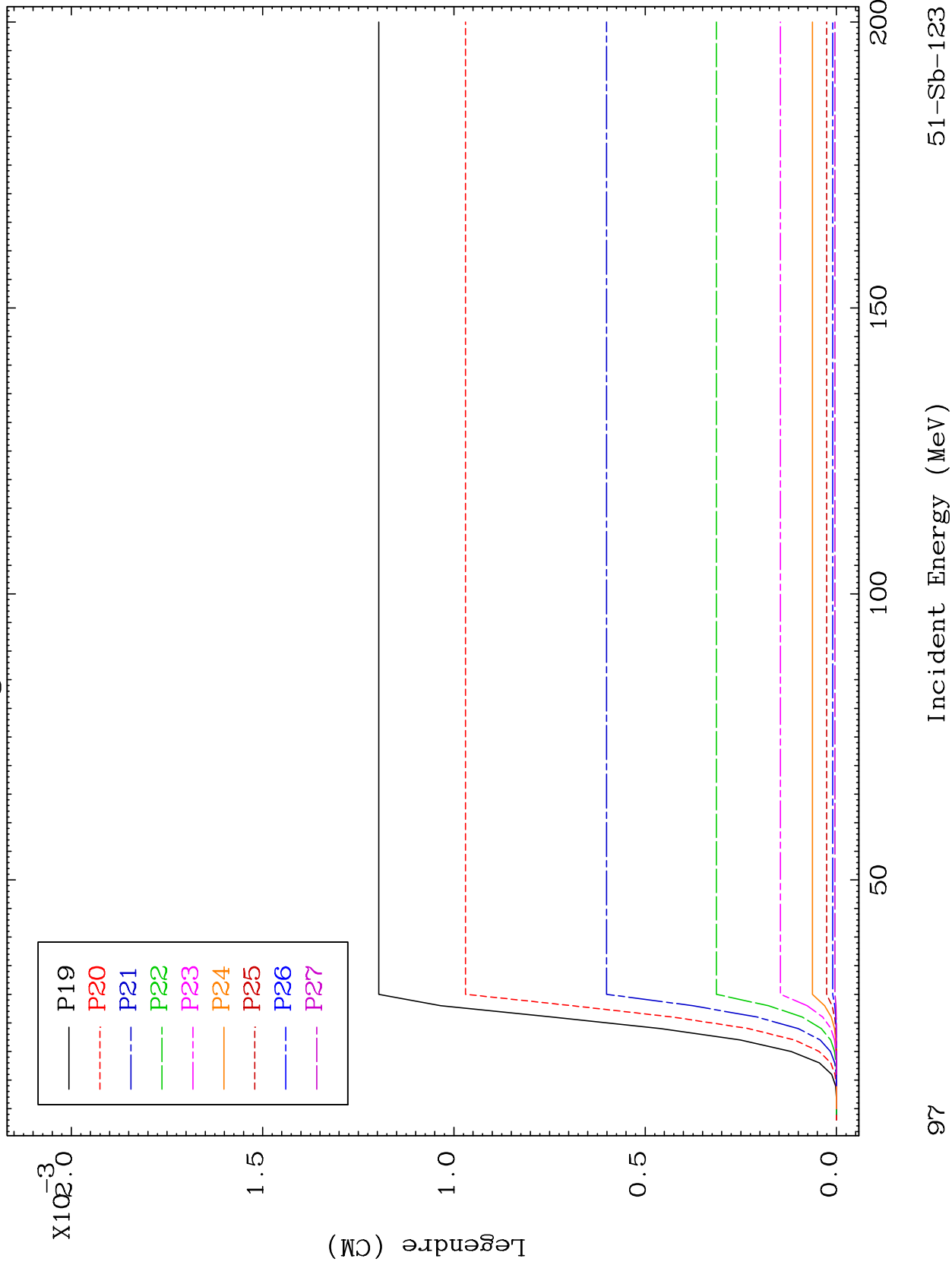
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

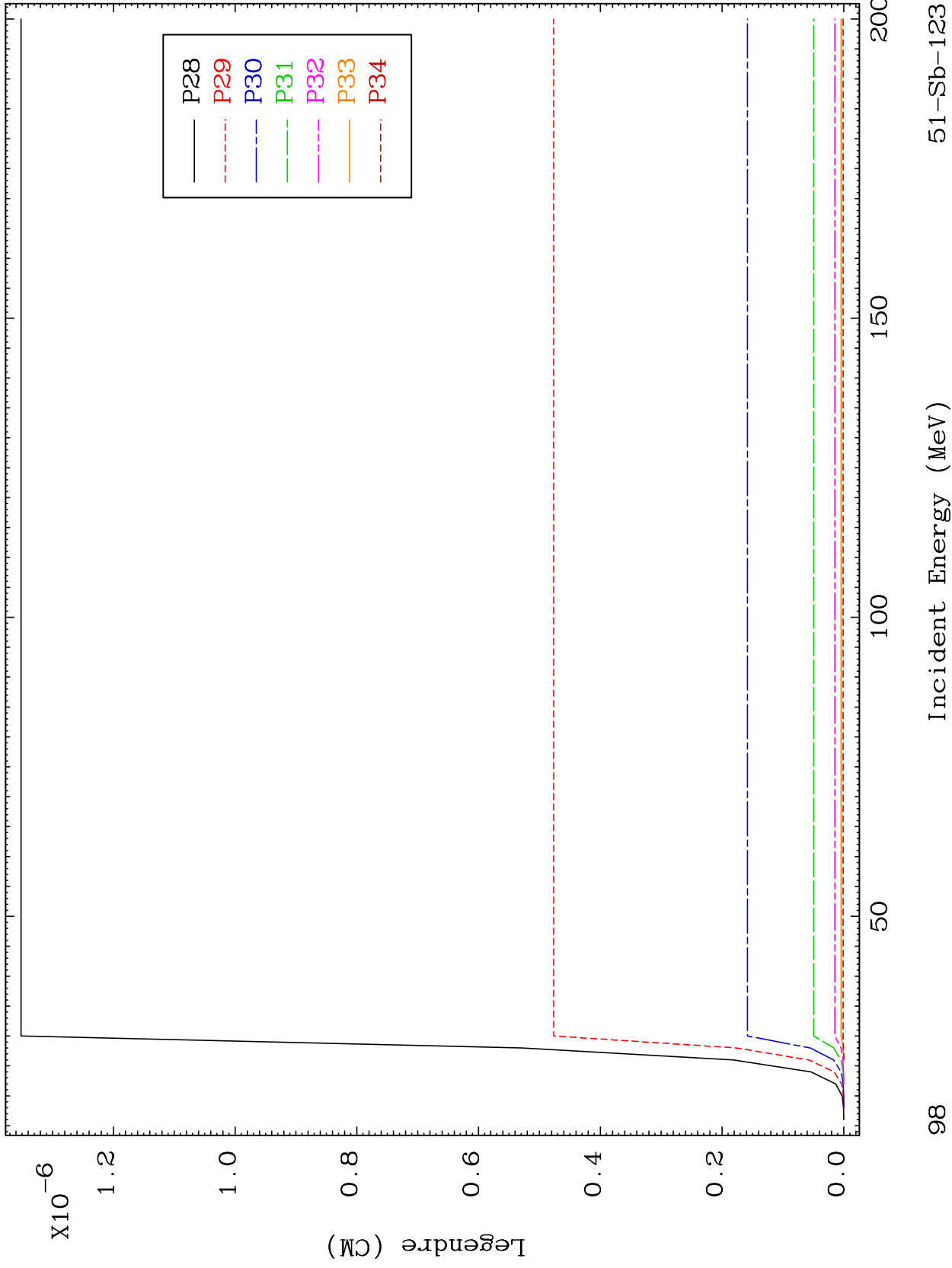
51-Sb-123



MAT 5131

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

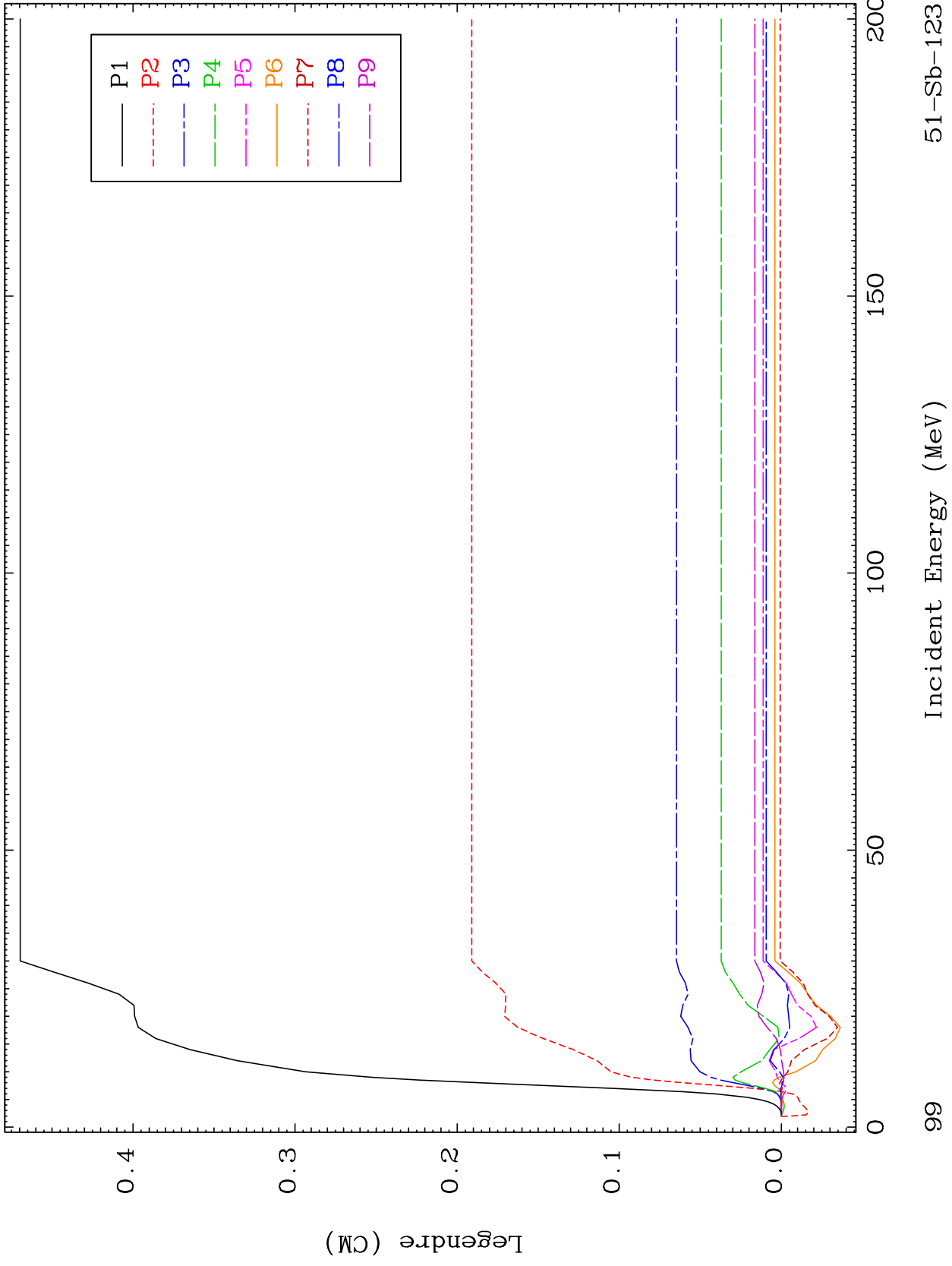
51-Sb-123



MAT 5131

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

51-Sb-123



51-Sb-123

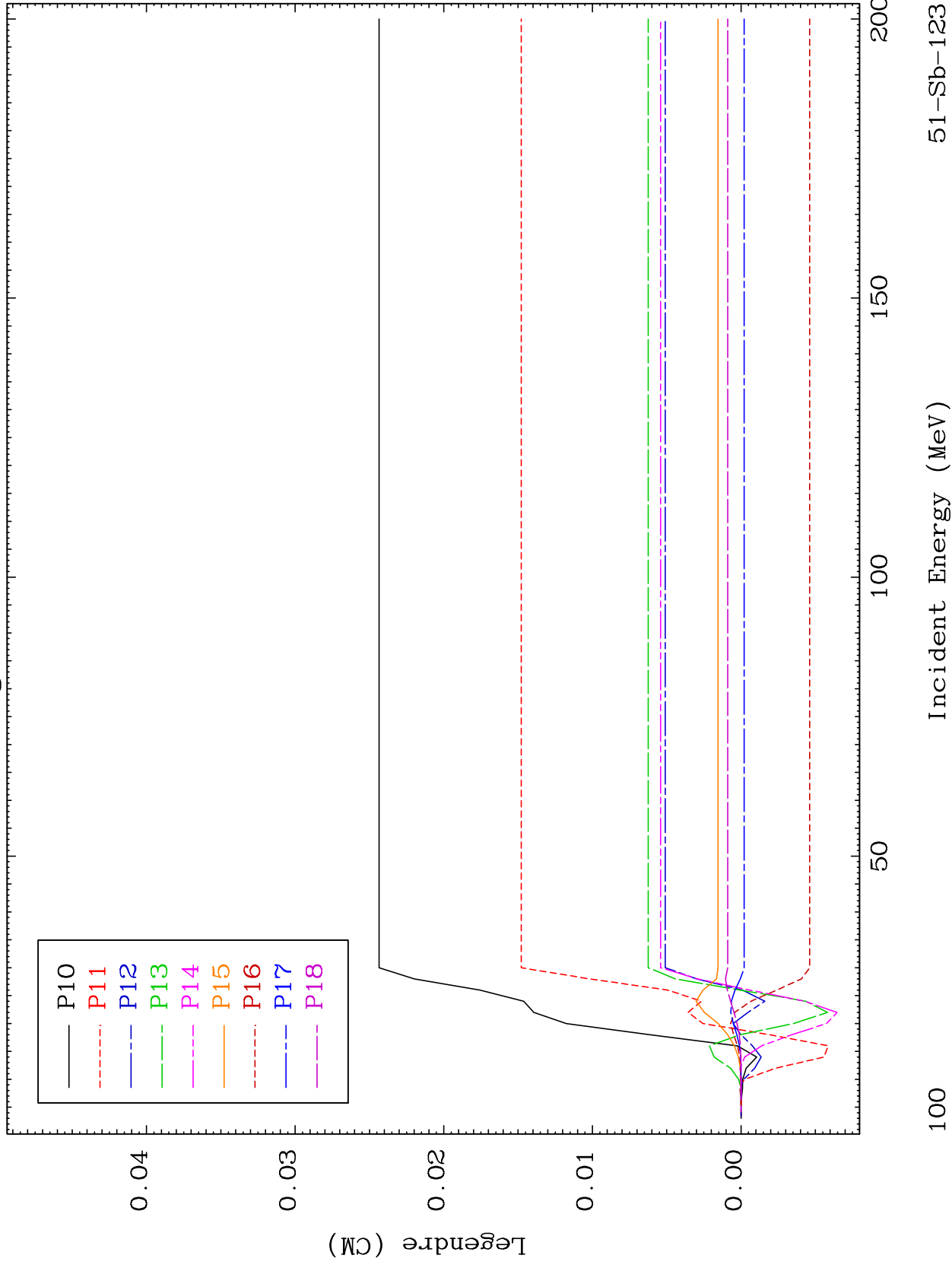
Incident Energy (MeV)

99

MAT 5131

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

51-Sb-123



51-Sb-123

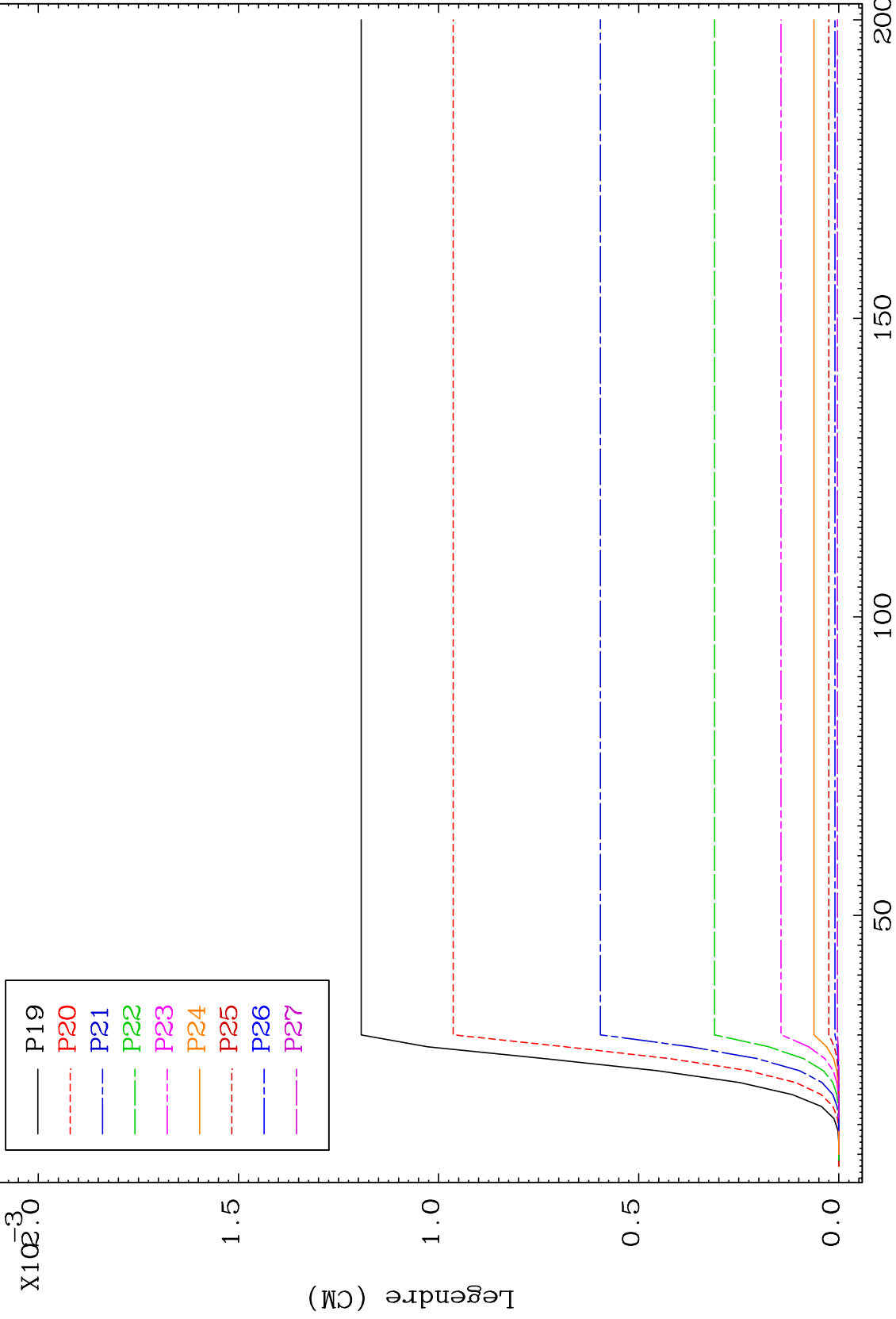
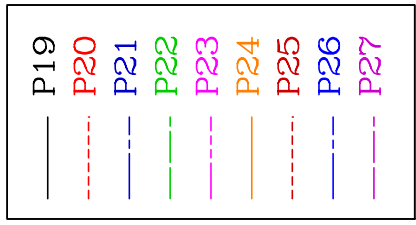
Incident Energy (MeV)

100

MAT 5131

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

51-Sb-123



101

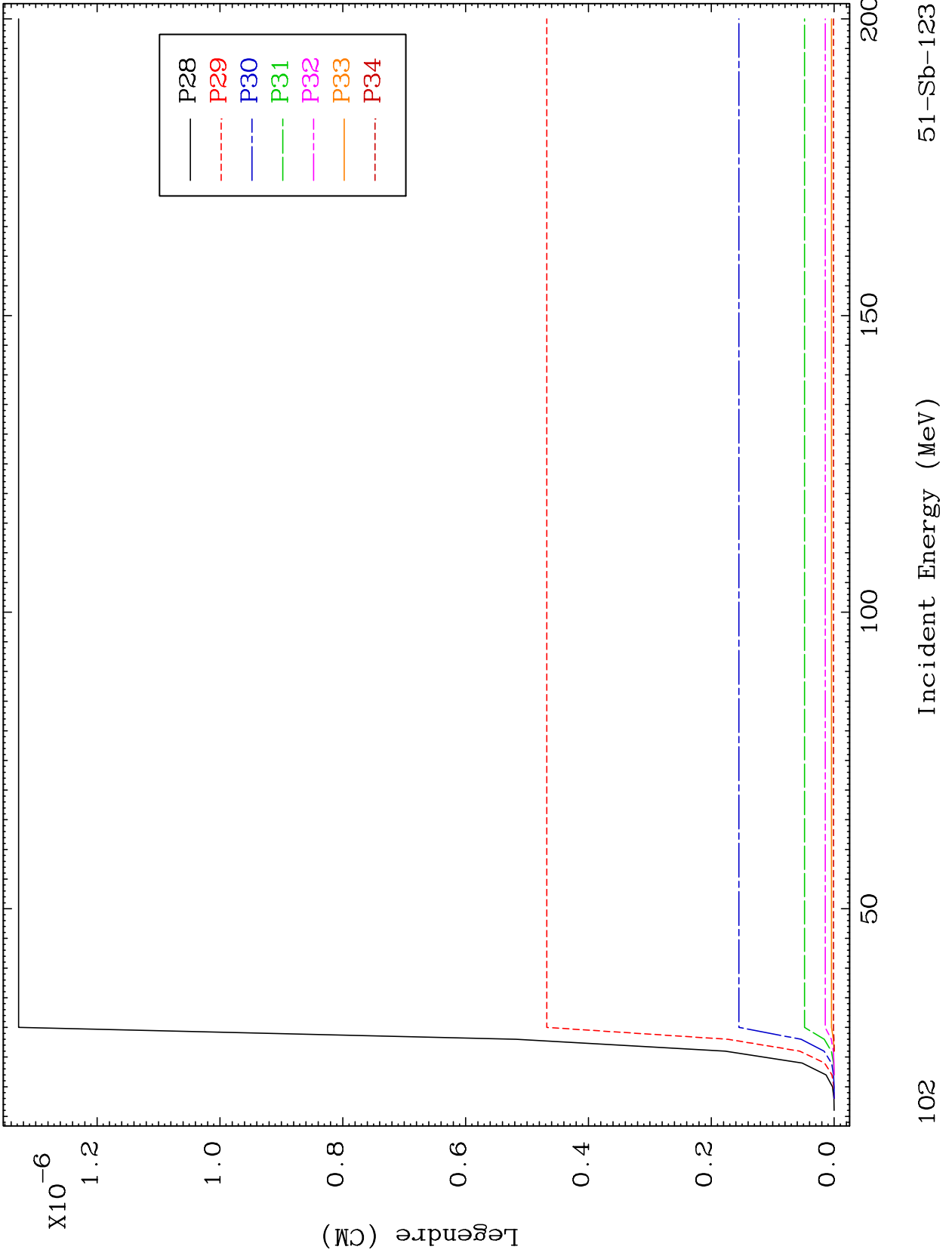
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



102

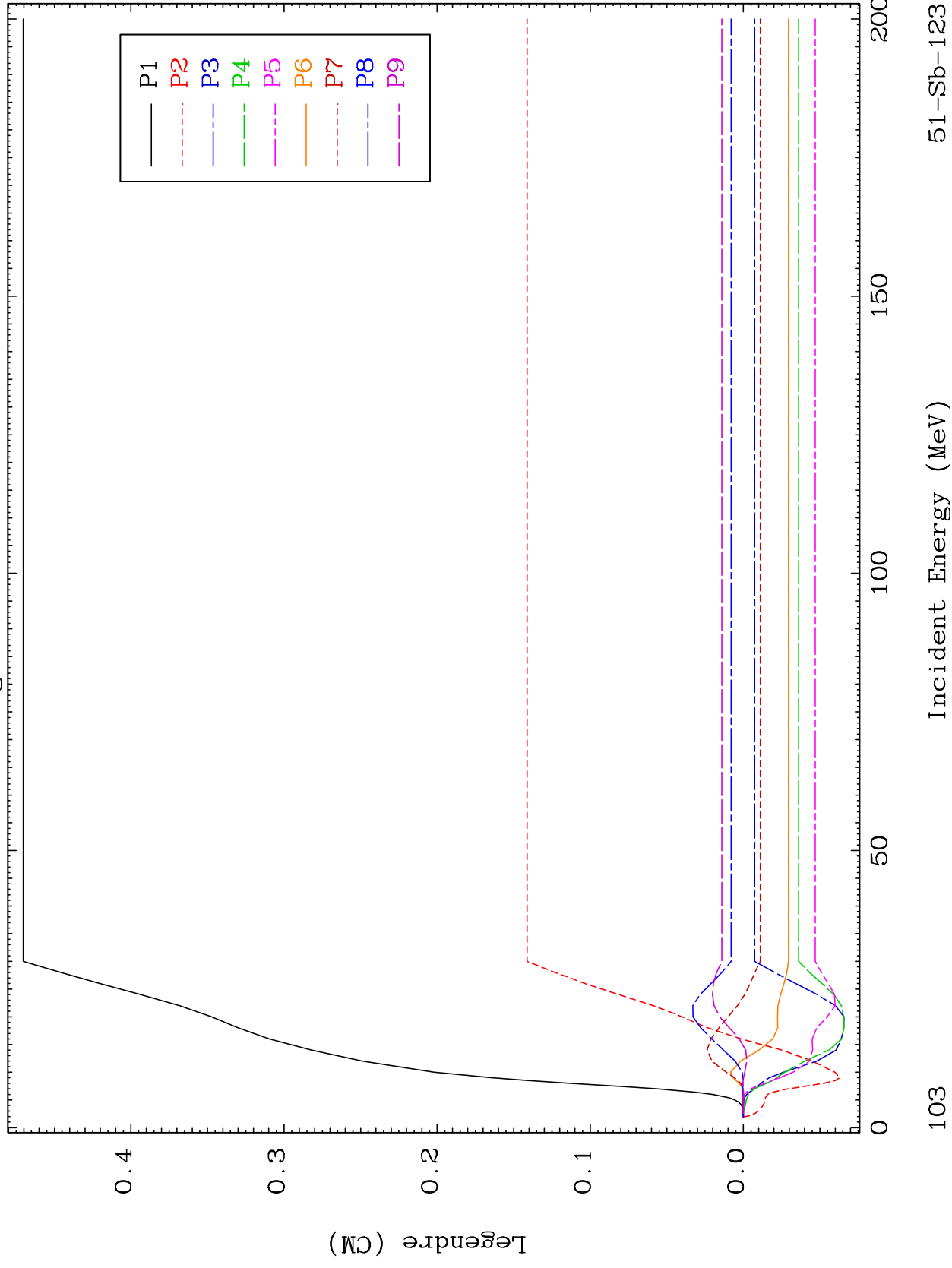
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

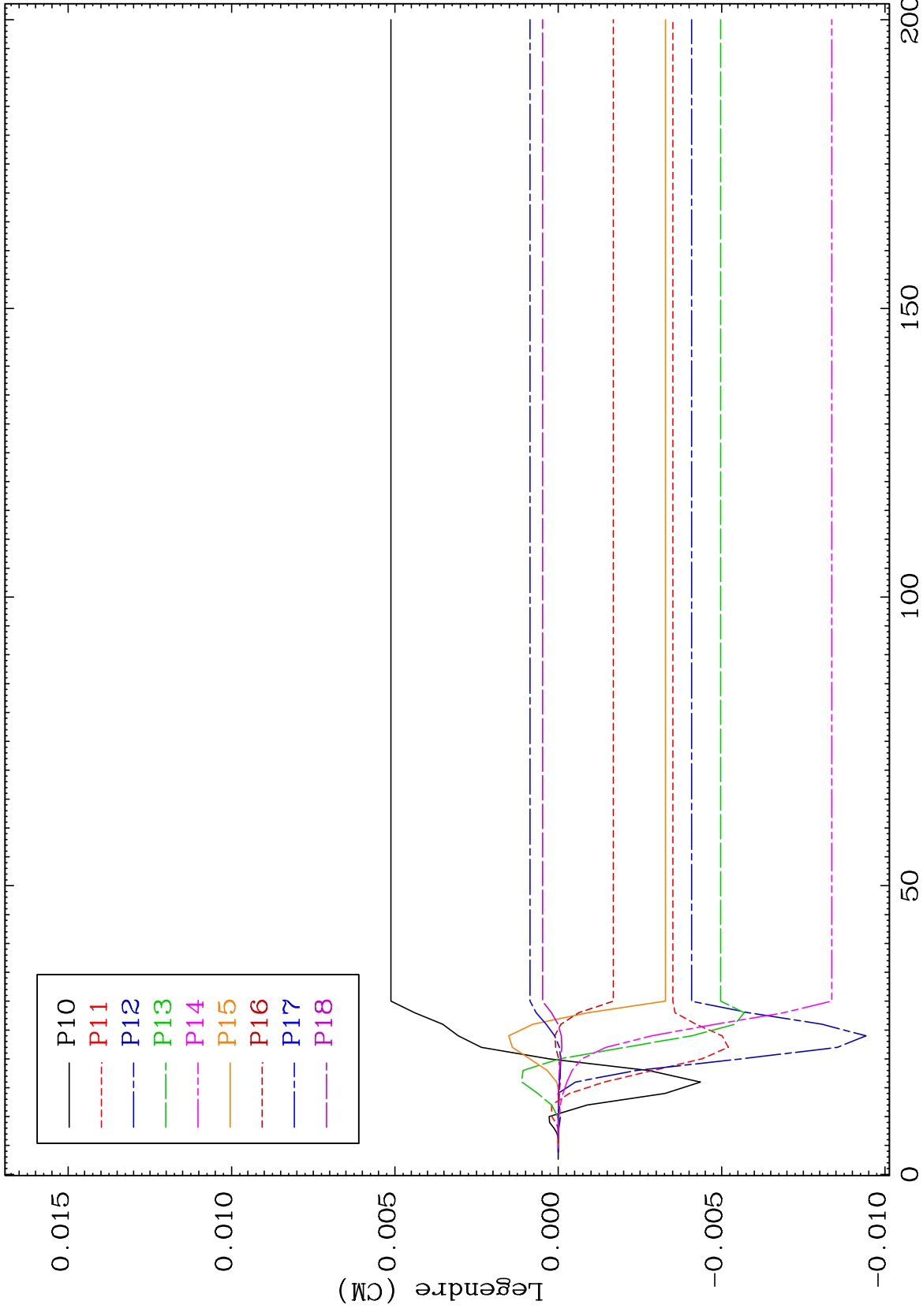
51-Sb-123



51-Sb-123

Incident Energy (MeV)

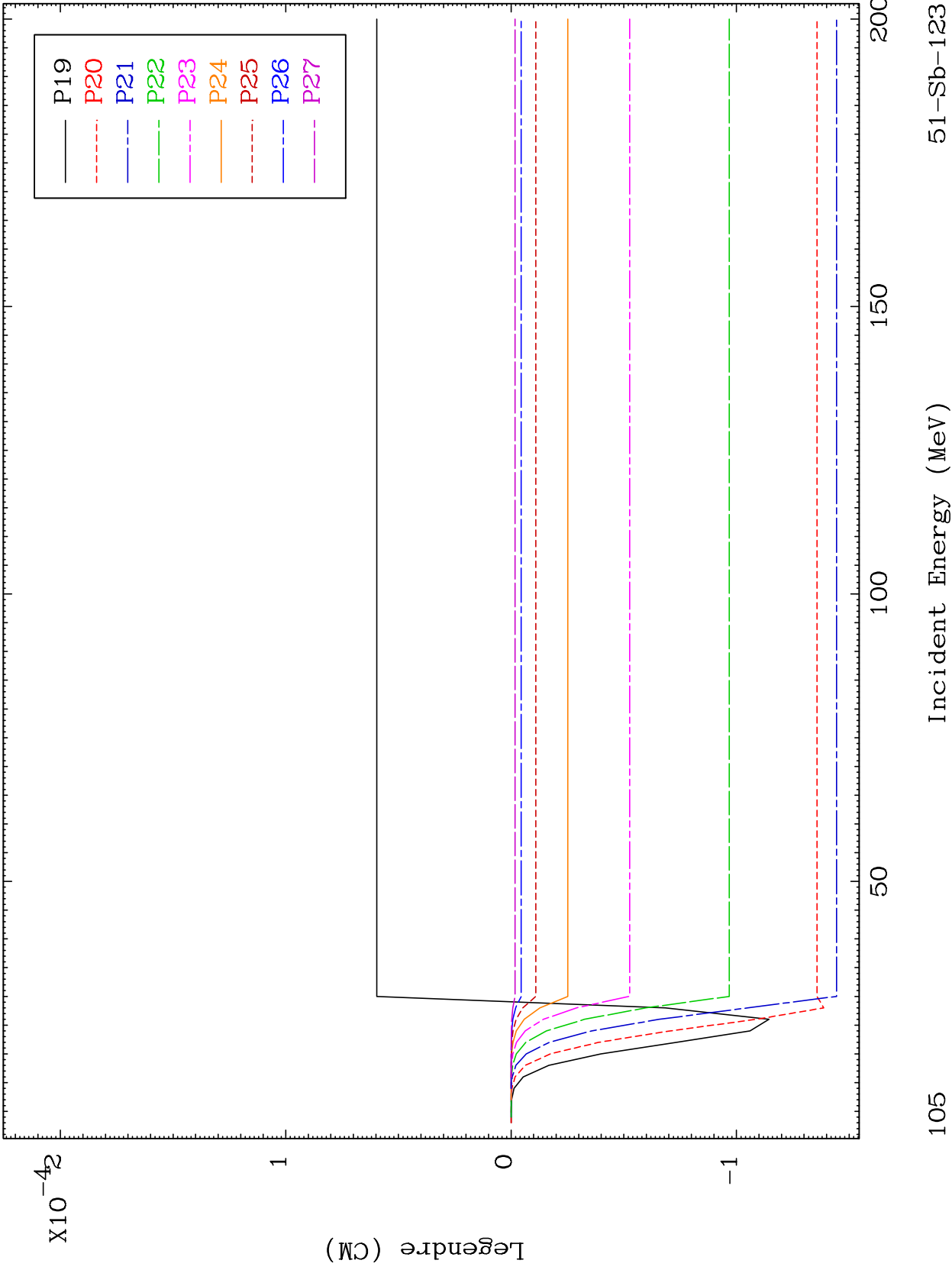
103



MAT 5131

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

51-Sb-123



105

Incident Energy (MeV)

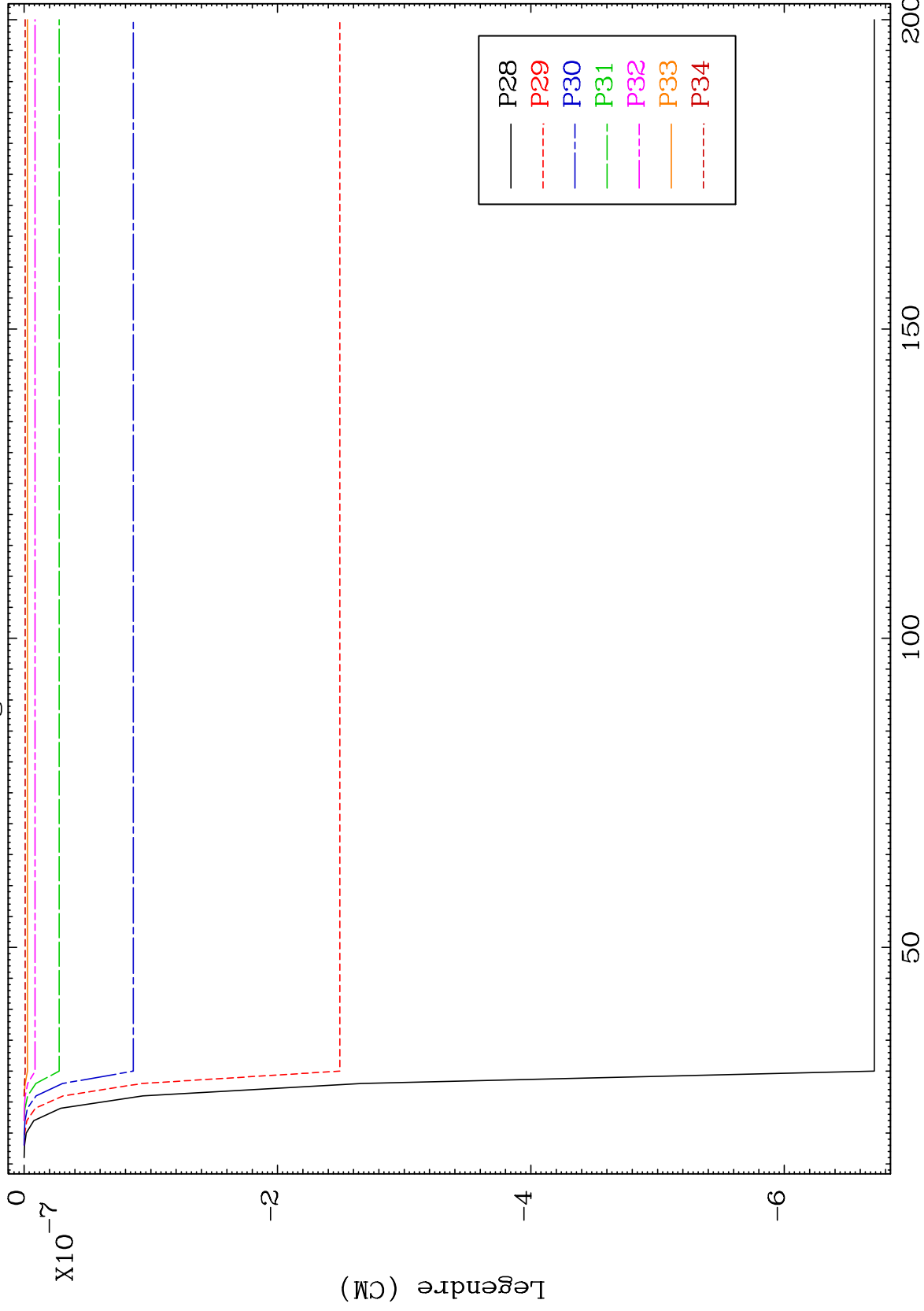
51-Sb-123

MAT 5131

MT= 72 (n,n') Level

51-Sb-123

Legendre Coefficients



106

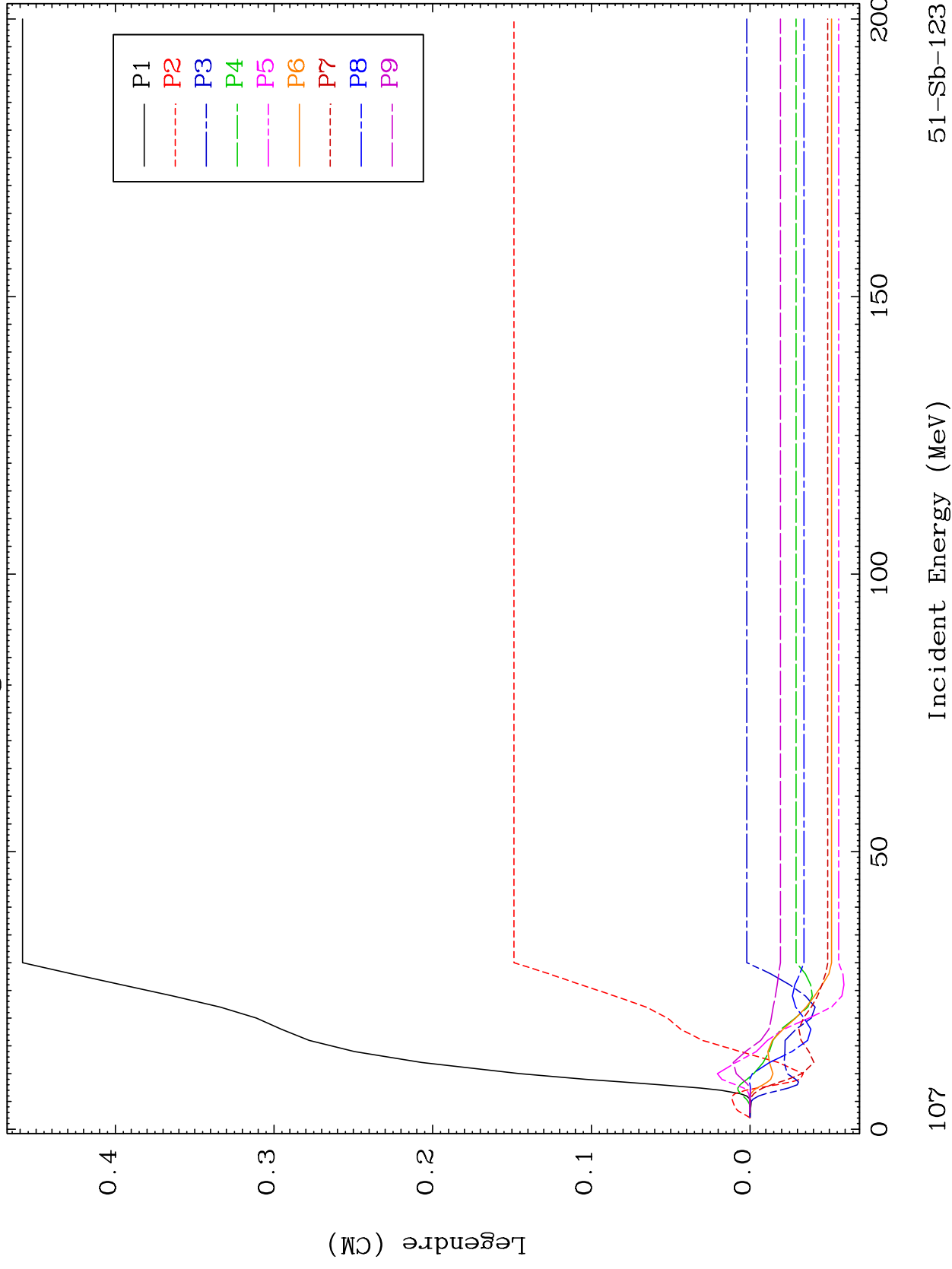
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

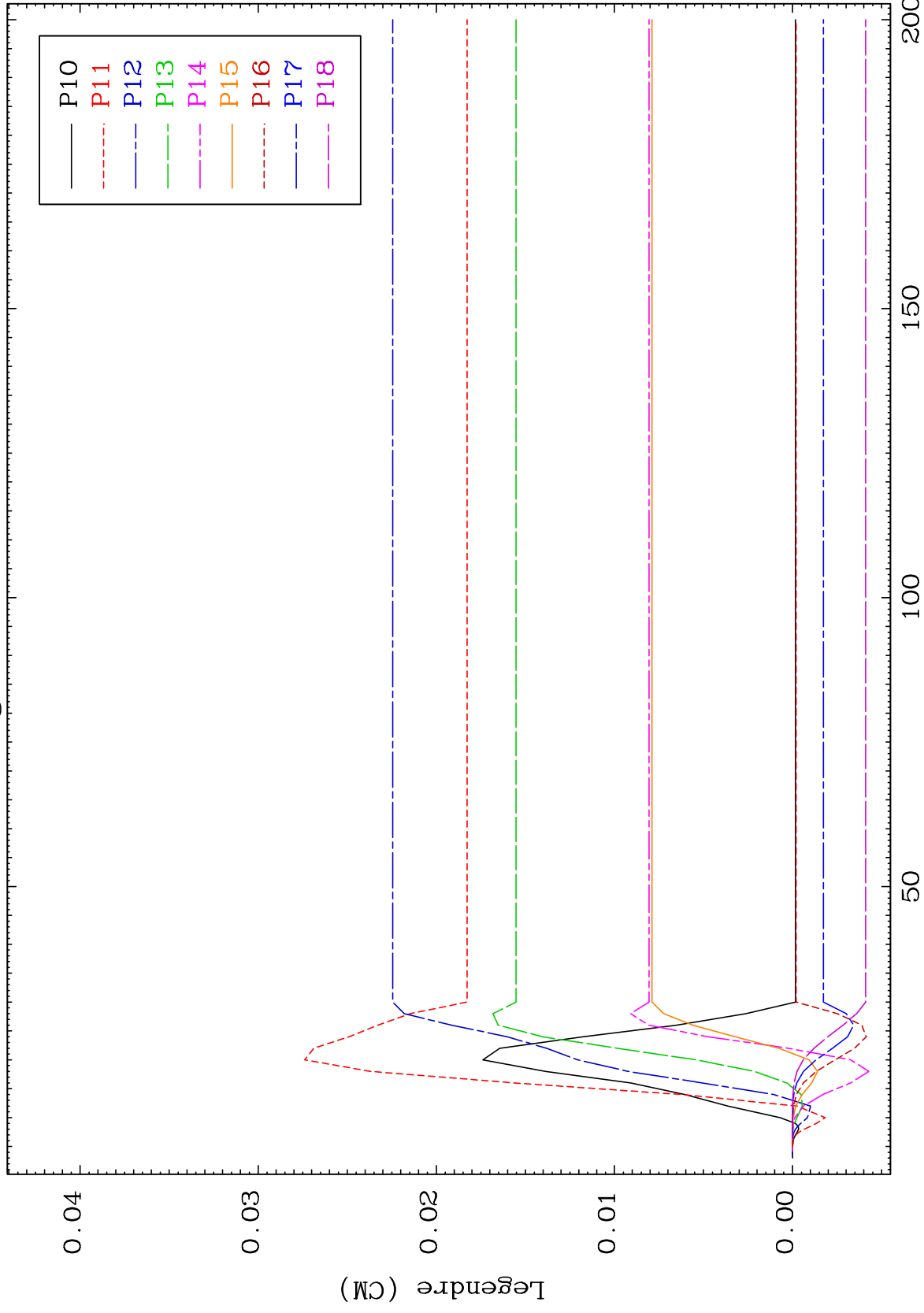
Incident Energy (MeV)

107

MAT 5131

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

51-Sb-123



108

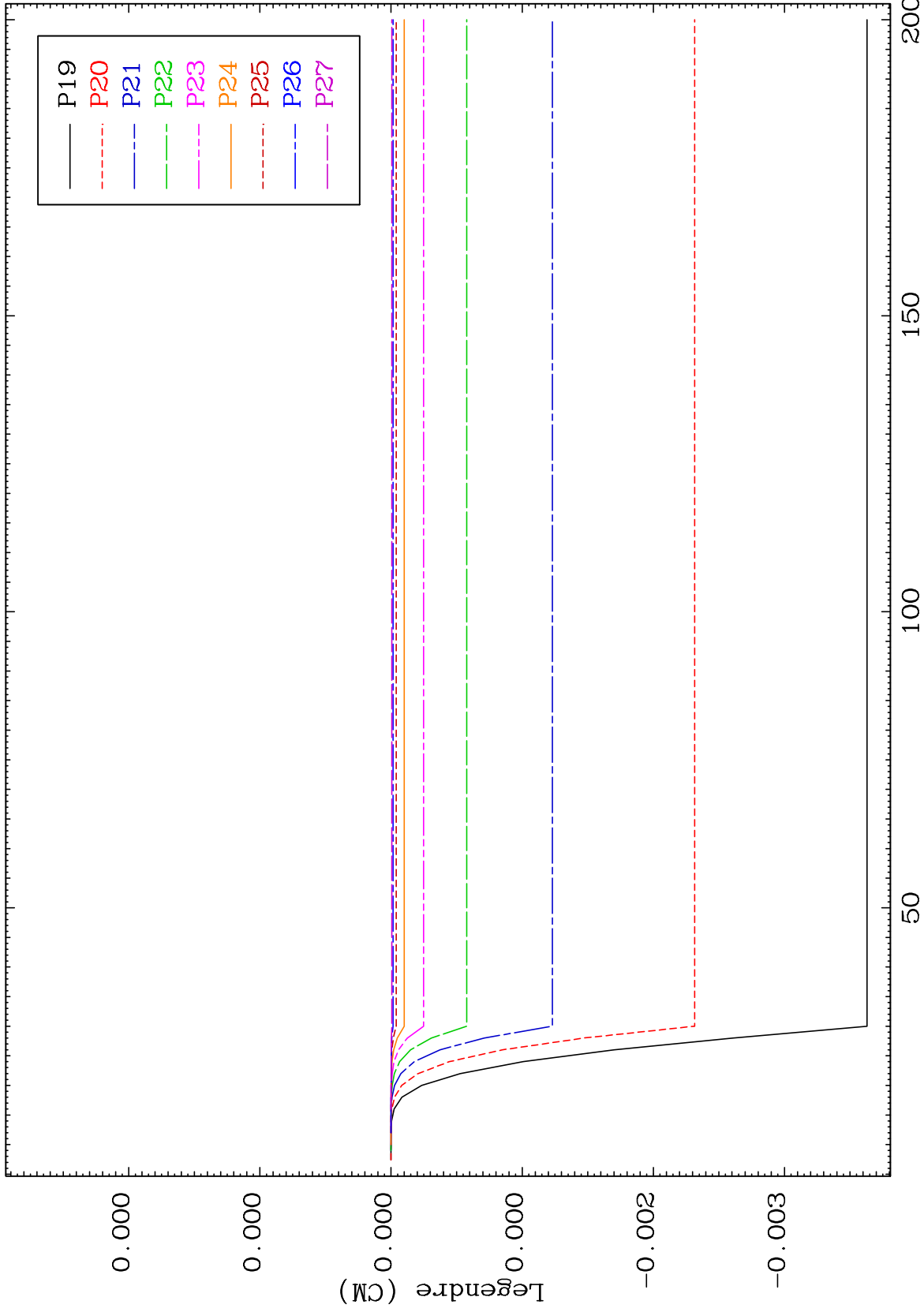
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



109

Incident Energy (MeV)

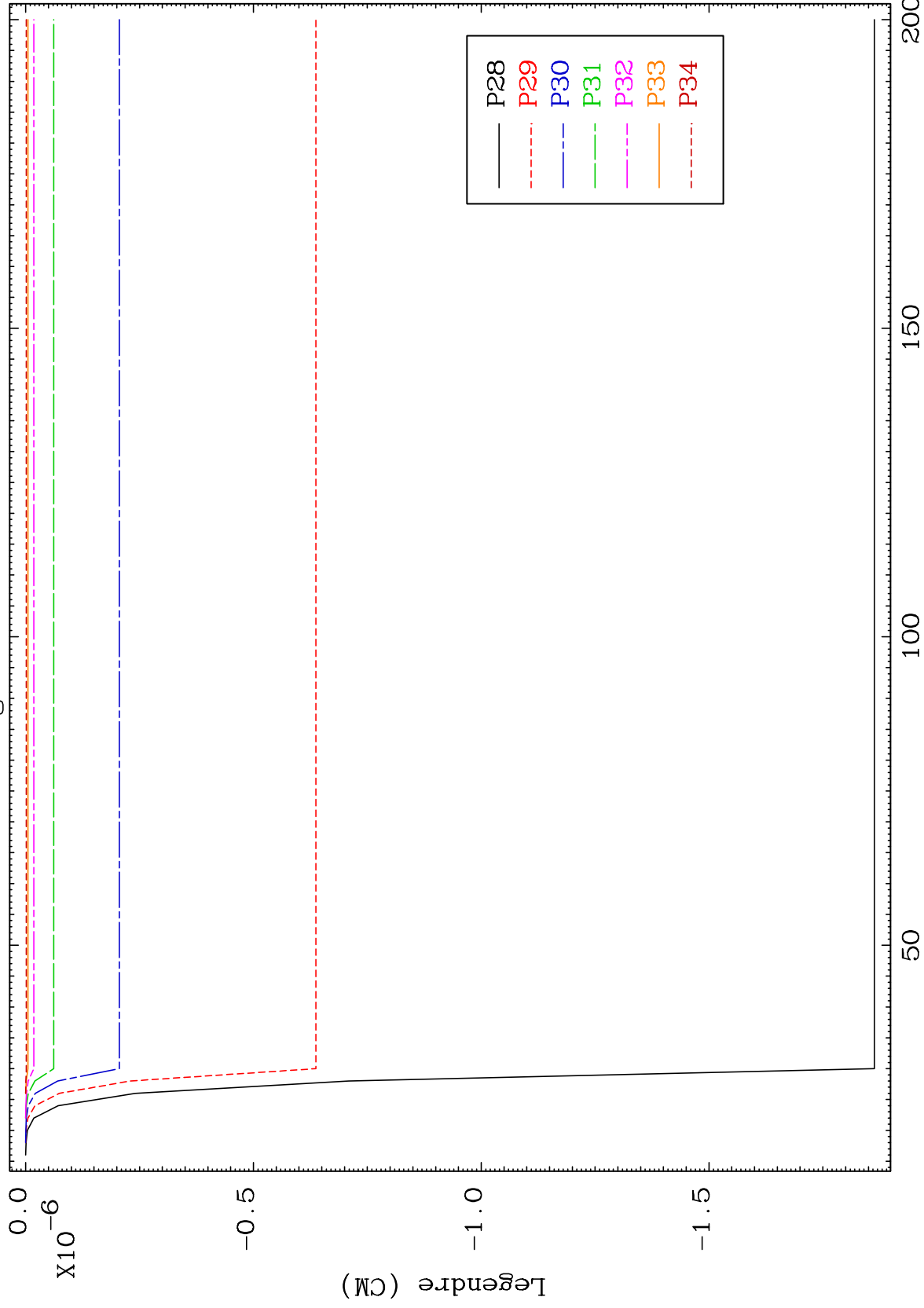
51-Sb-123

MAT 5131

MT= 73 (n,n') Level

51-Sb-123

Legendre Coefficients



110

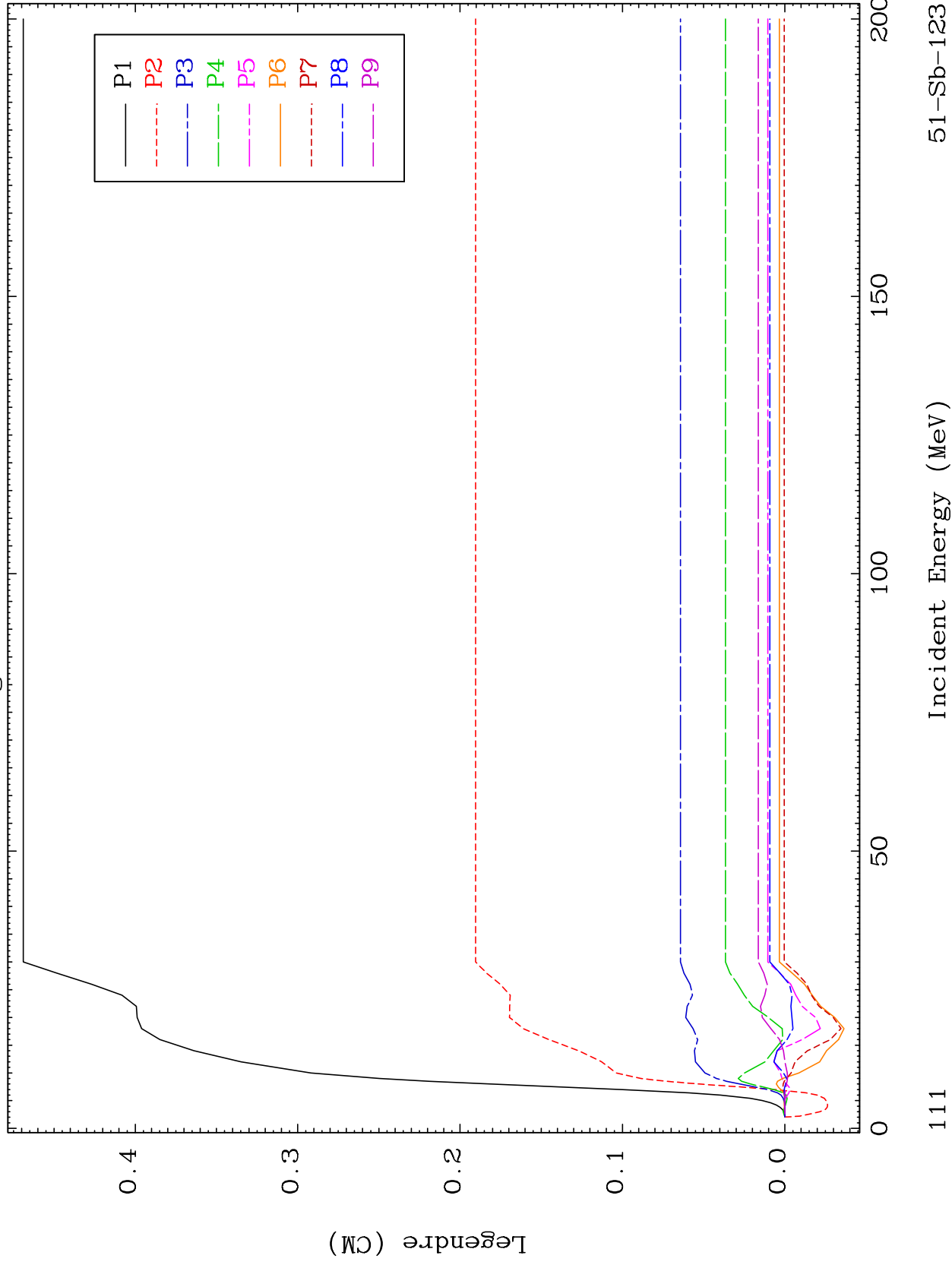
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

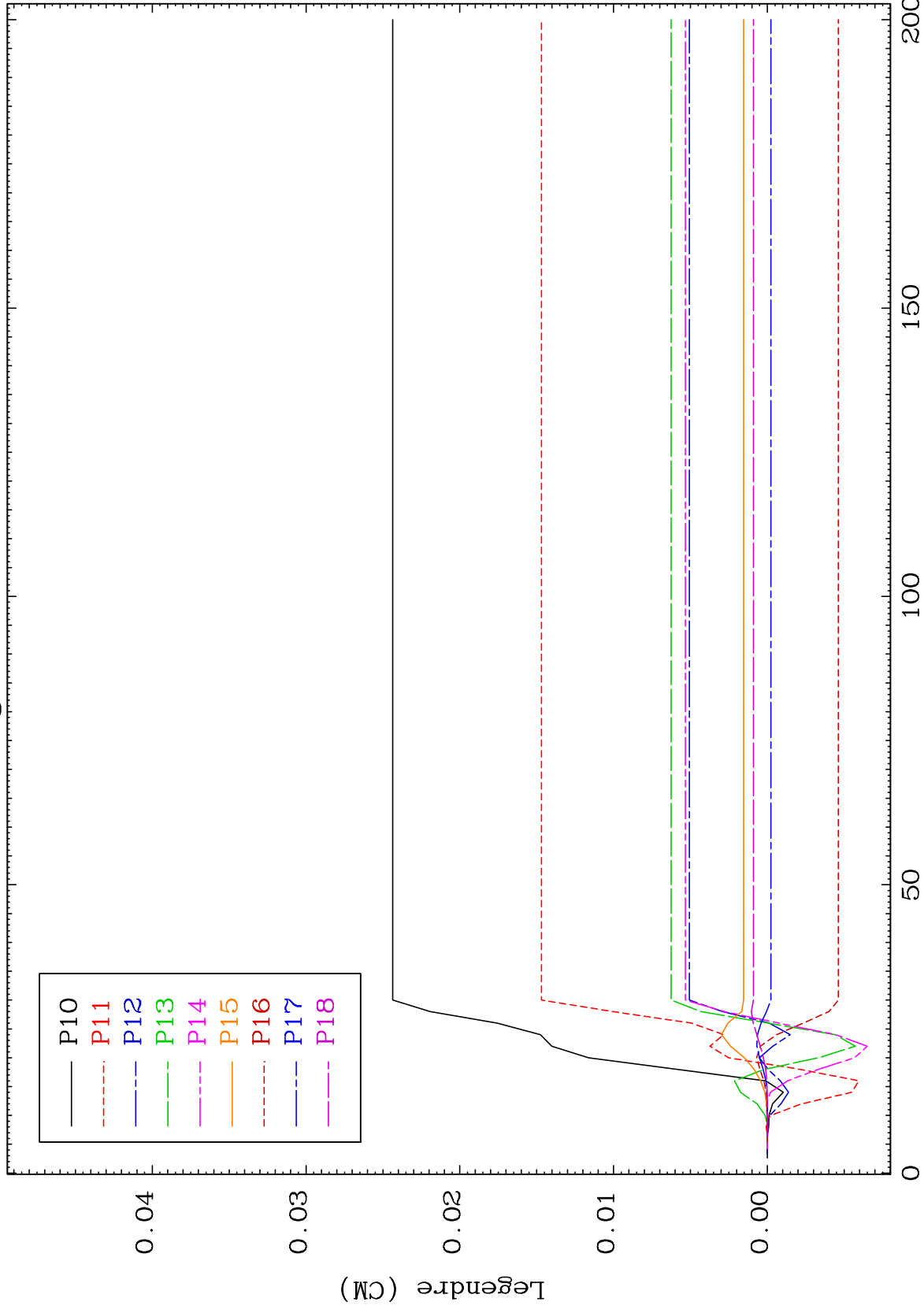
Incident Energy (MeV)

111

MAT 5131

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

51-Sb-123



112

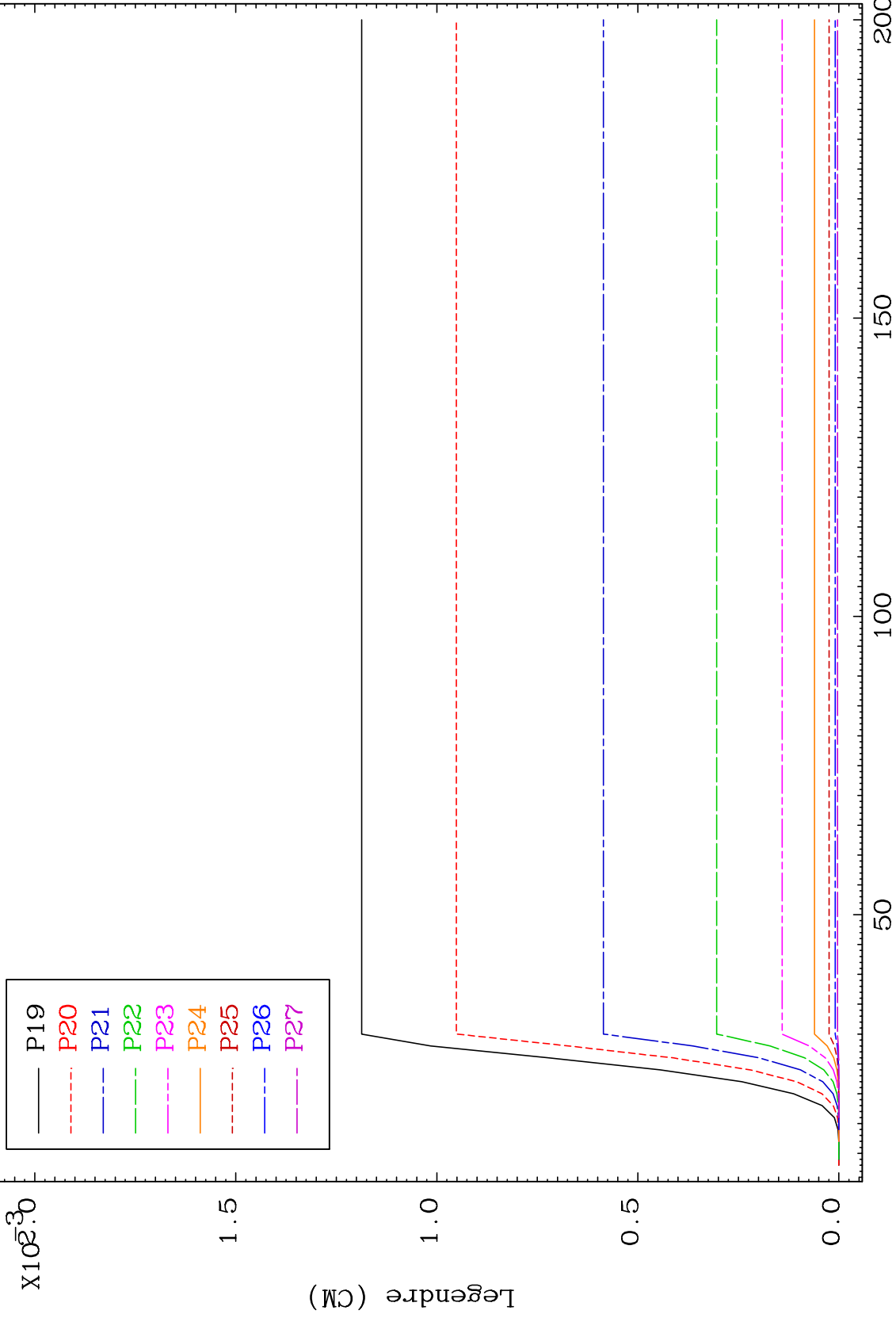
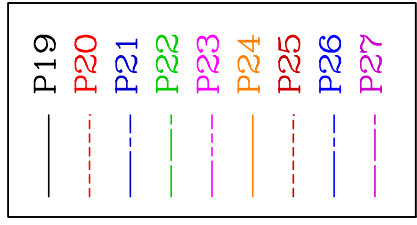
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



113

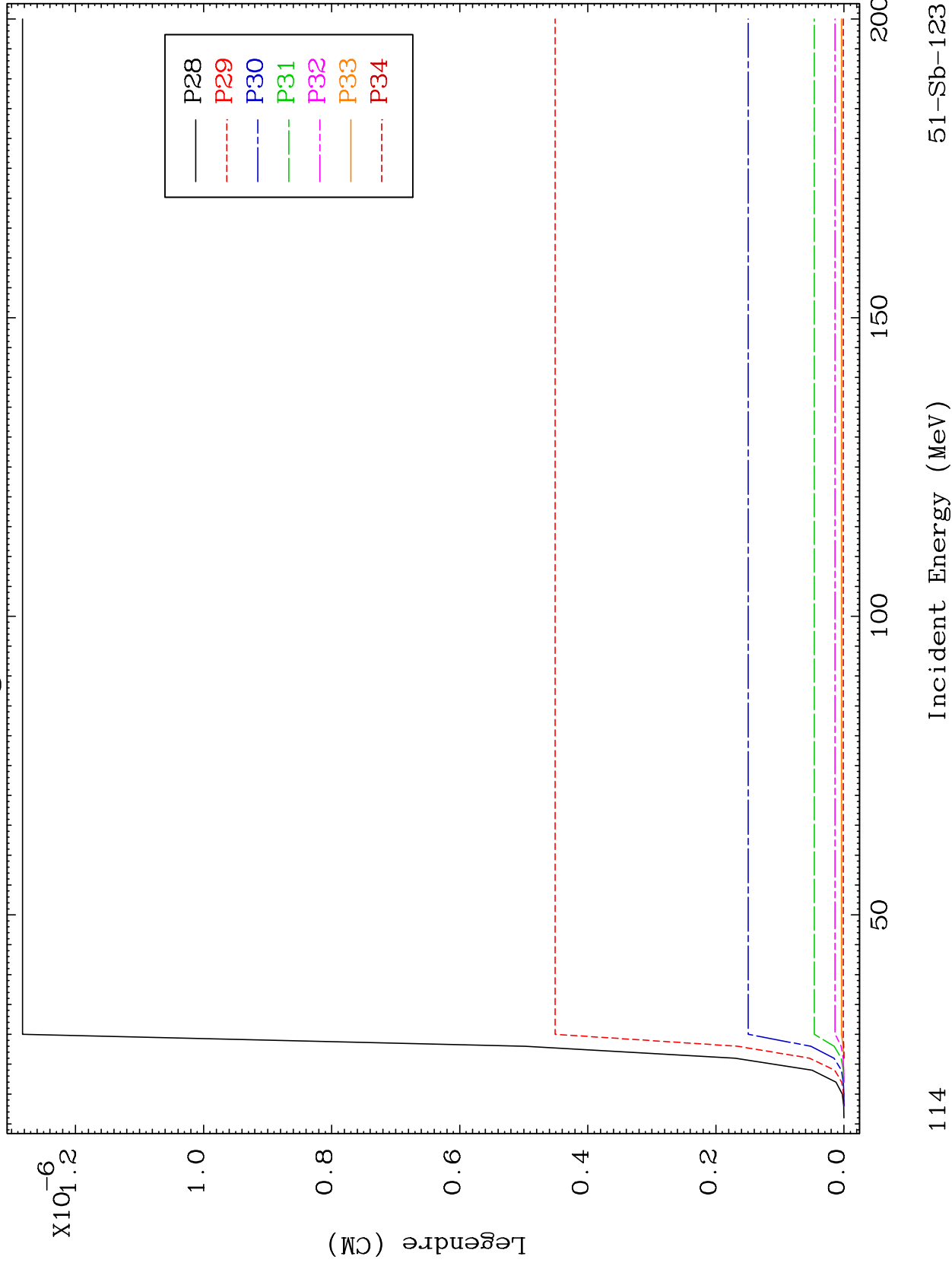
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



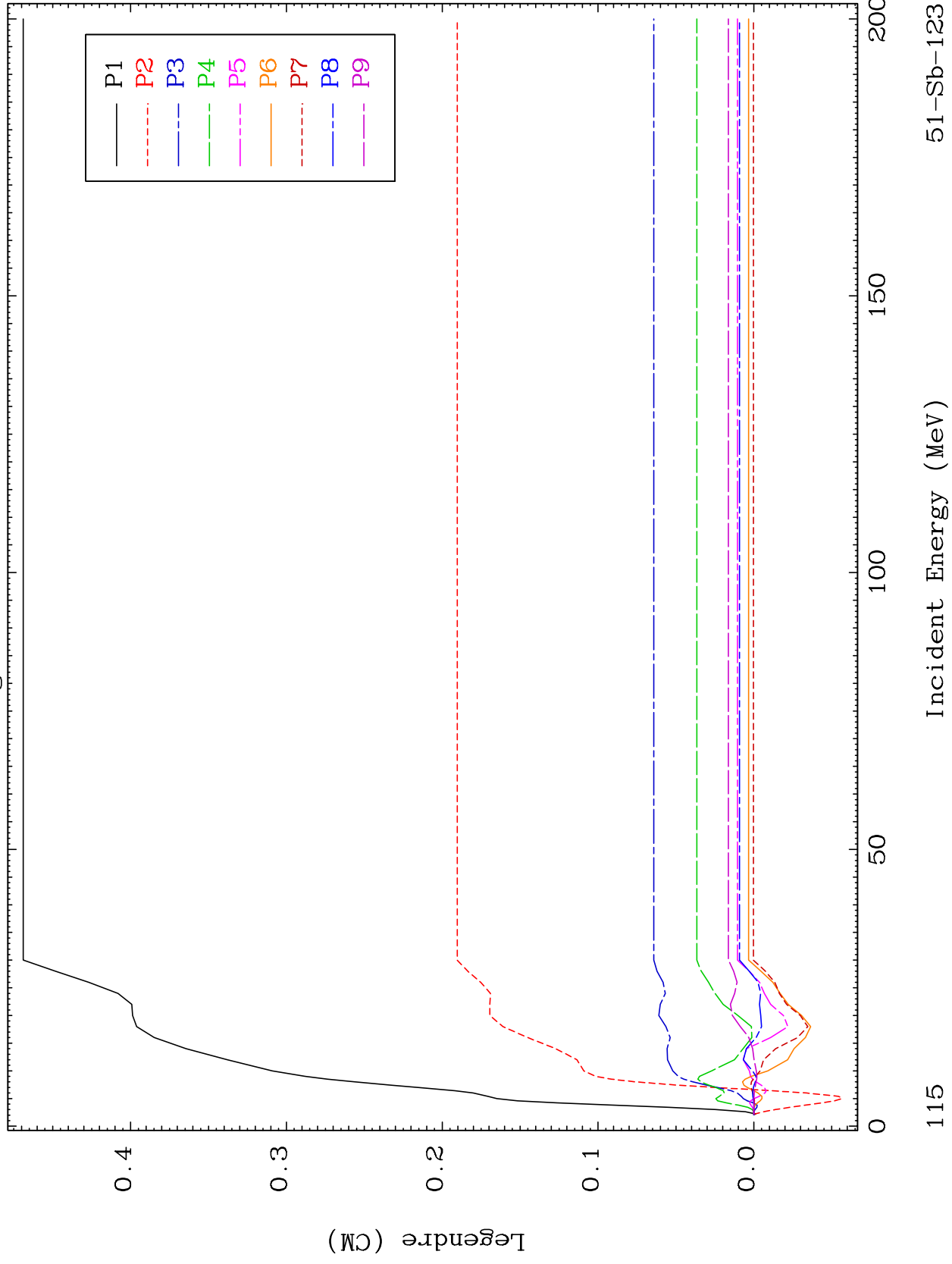
114

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

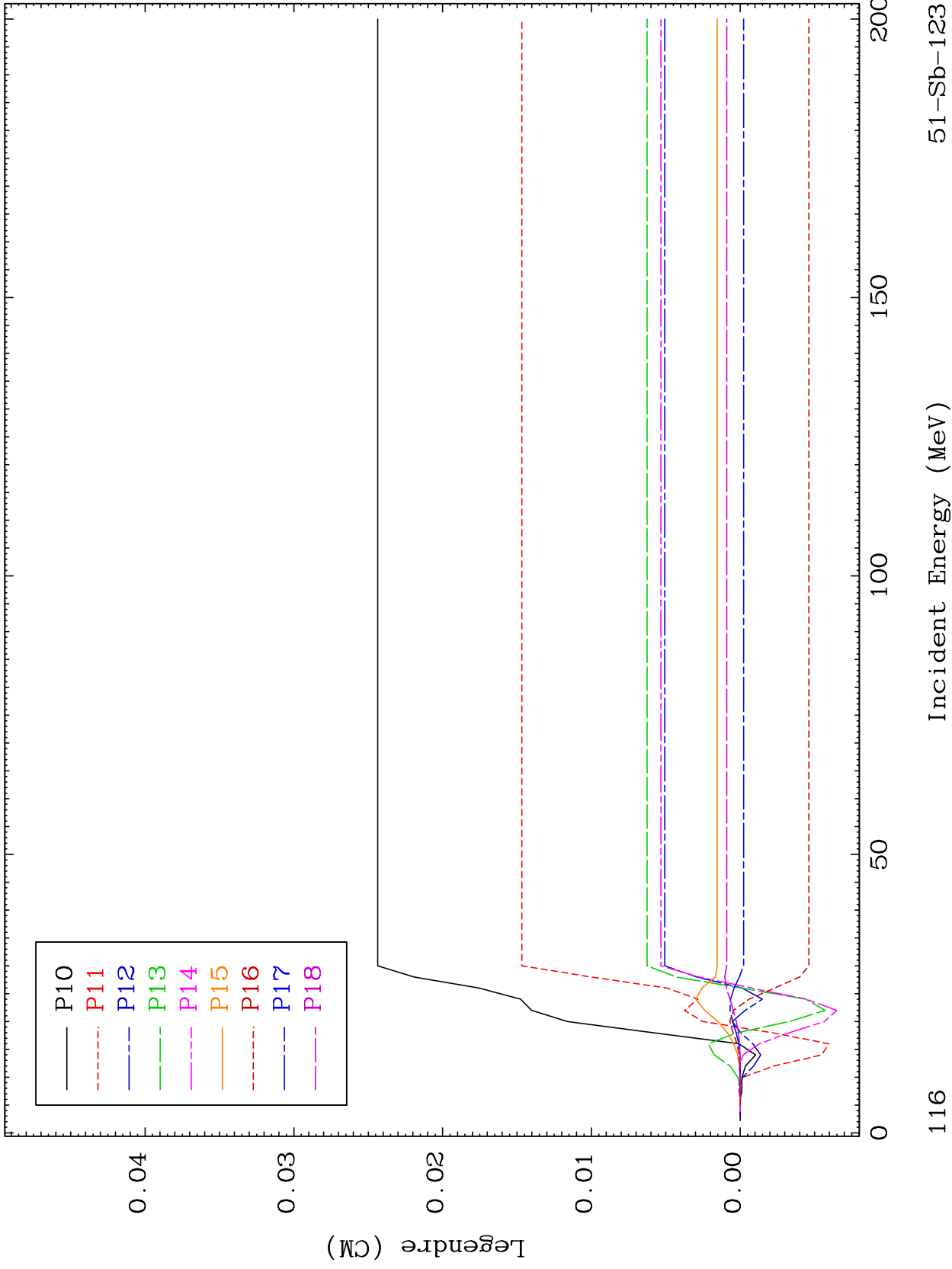
Incident Energy (MeV)

115

MAT 5131

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

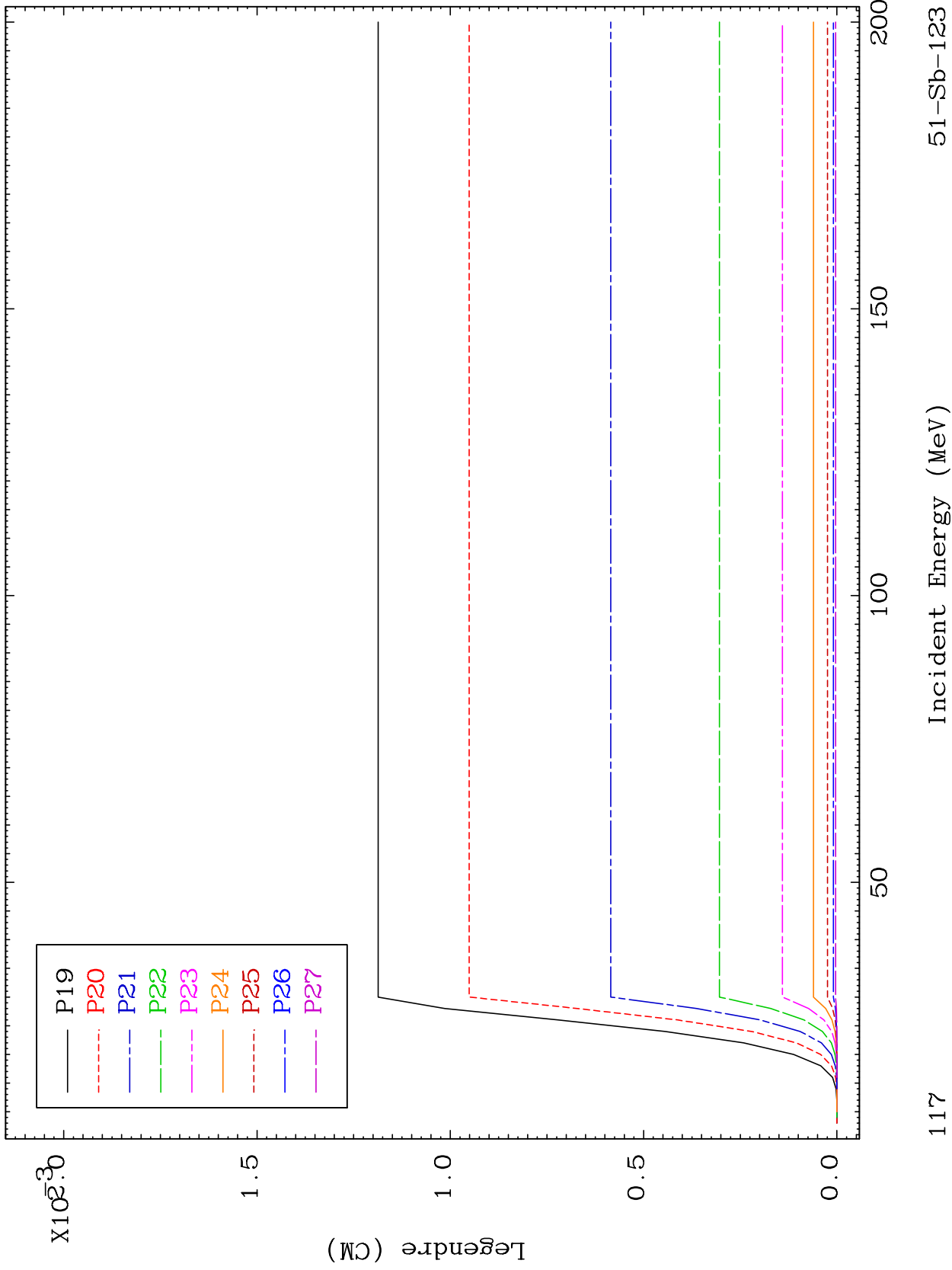
51-Sb-123



116

Incident Energy (MeV)

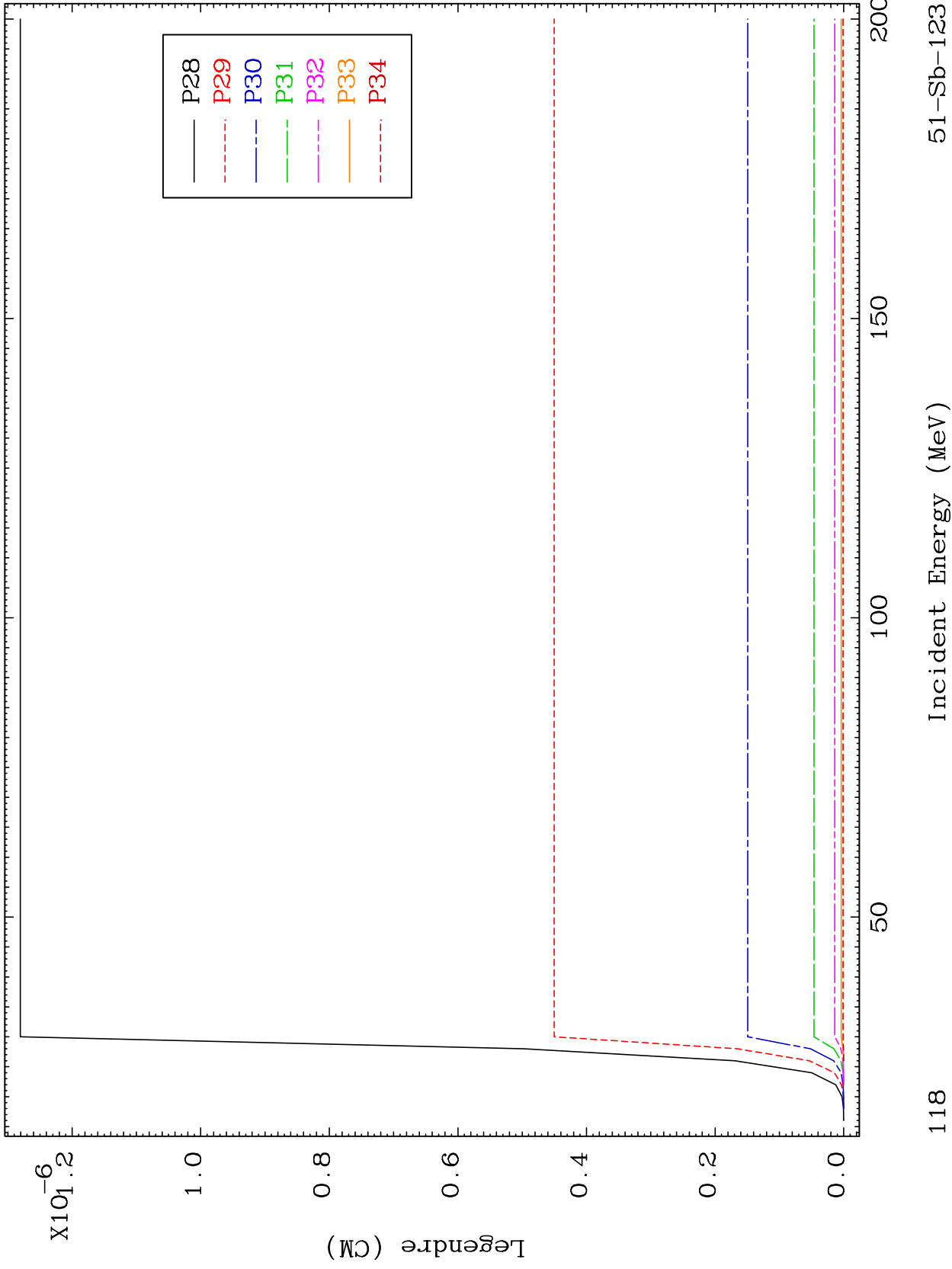
51-Sb-123



MAT 5131

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

51-Sb-123



118

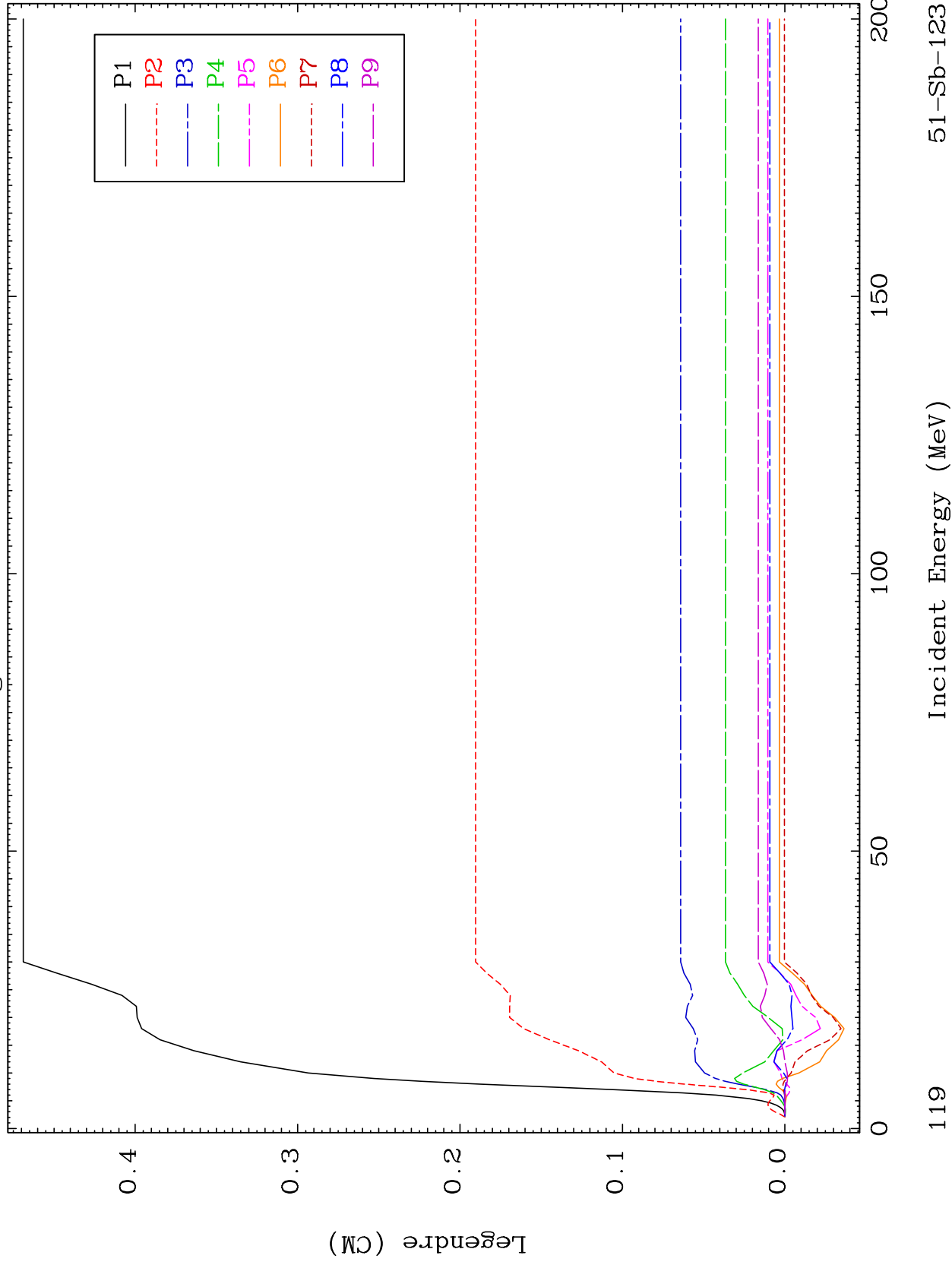
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

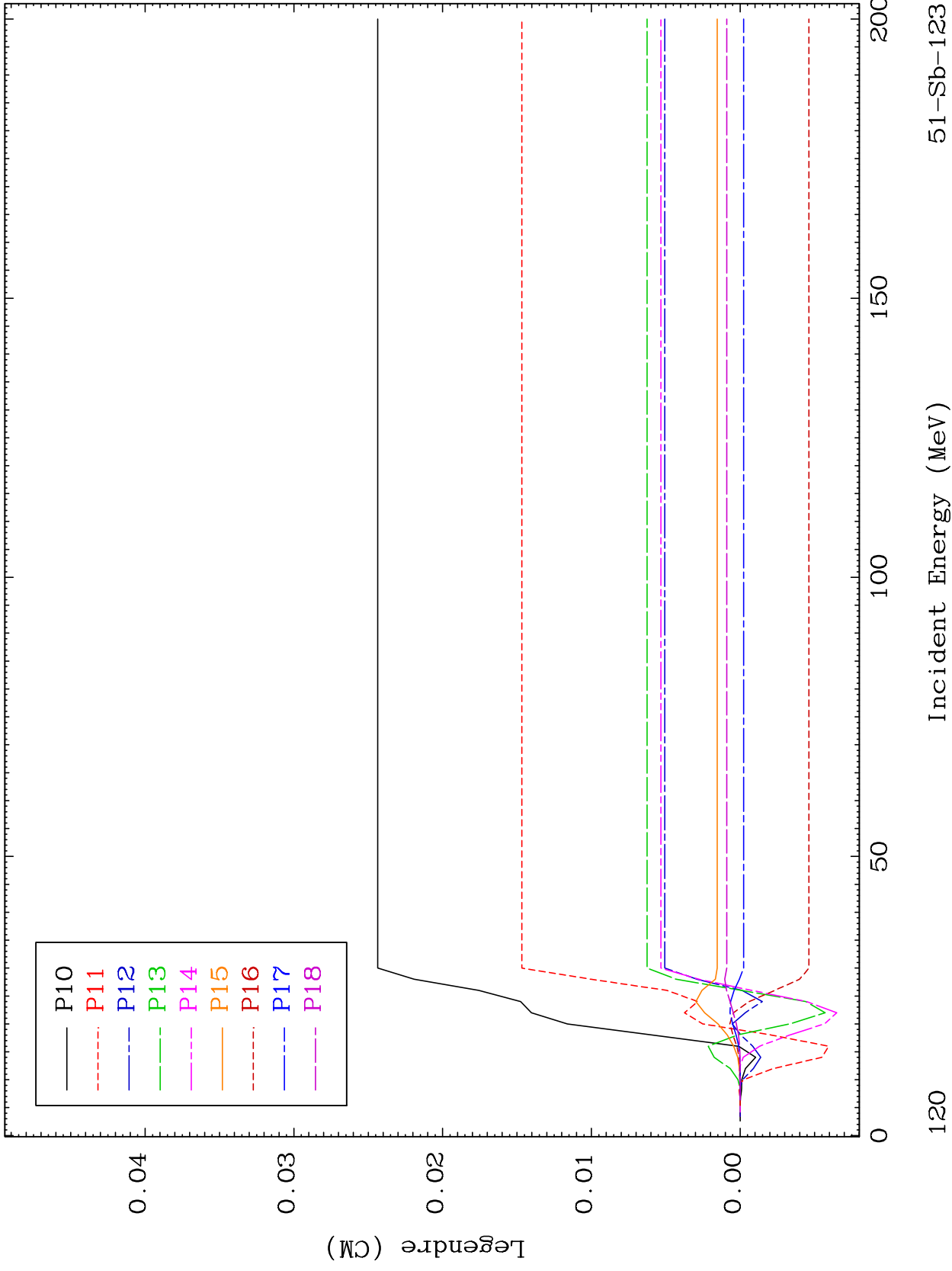
Incident Energy (MeV)

119

MAT 5131

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

51-Sb-123



51-Sb-123

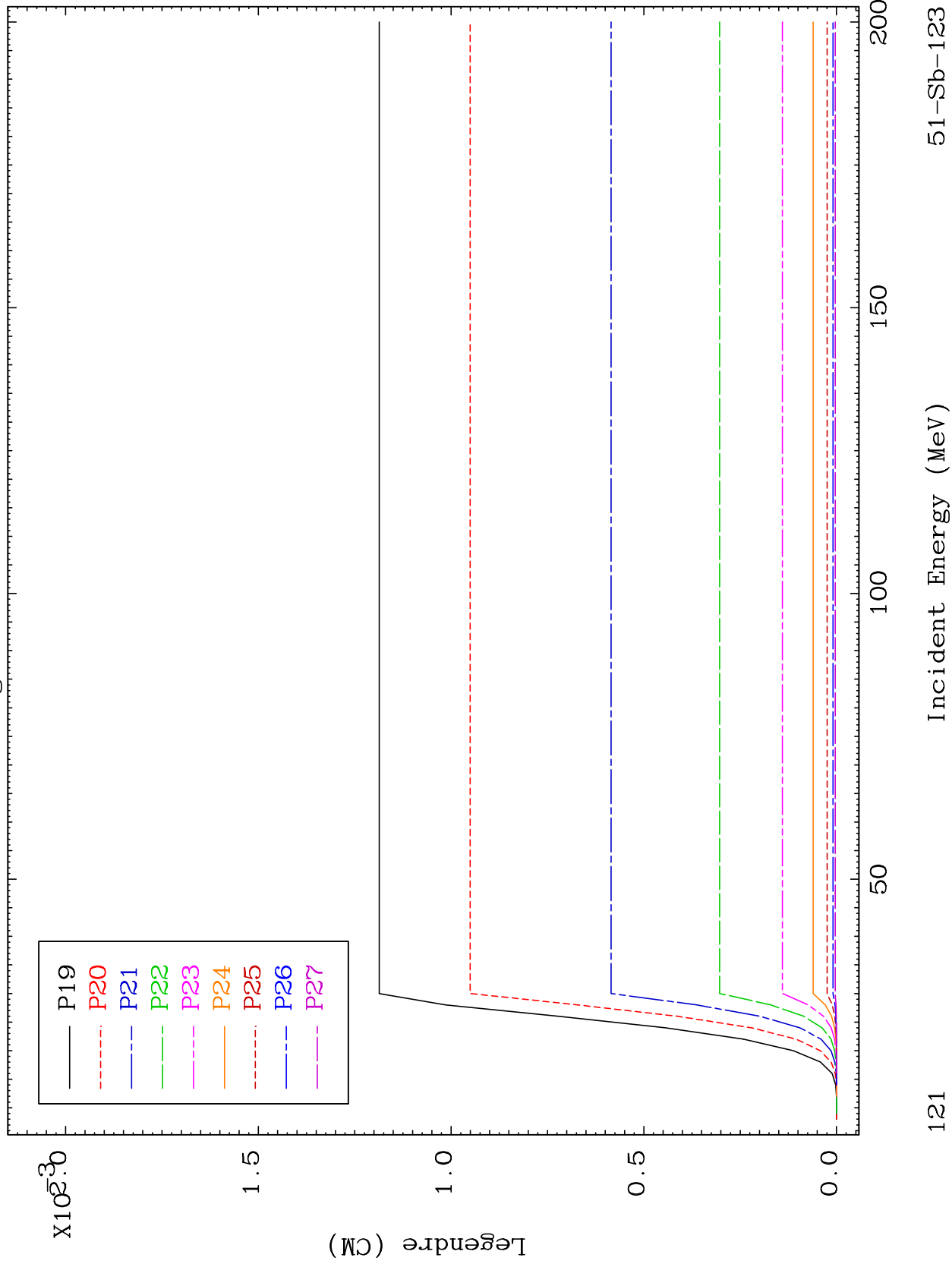
Incident Energy (MeV)

120

MAT 5131

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

51-Sb-123



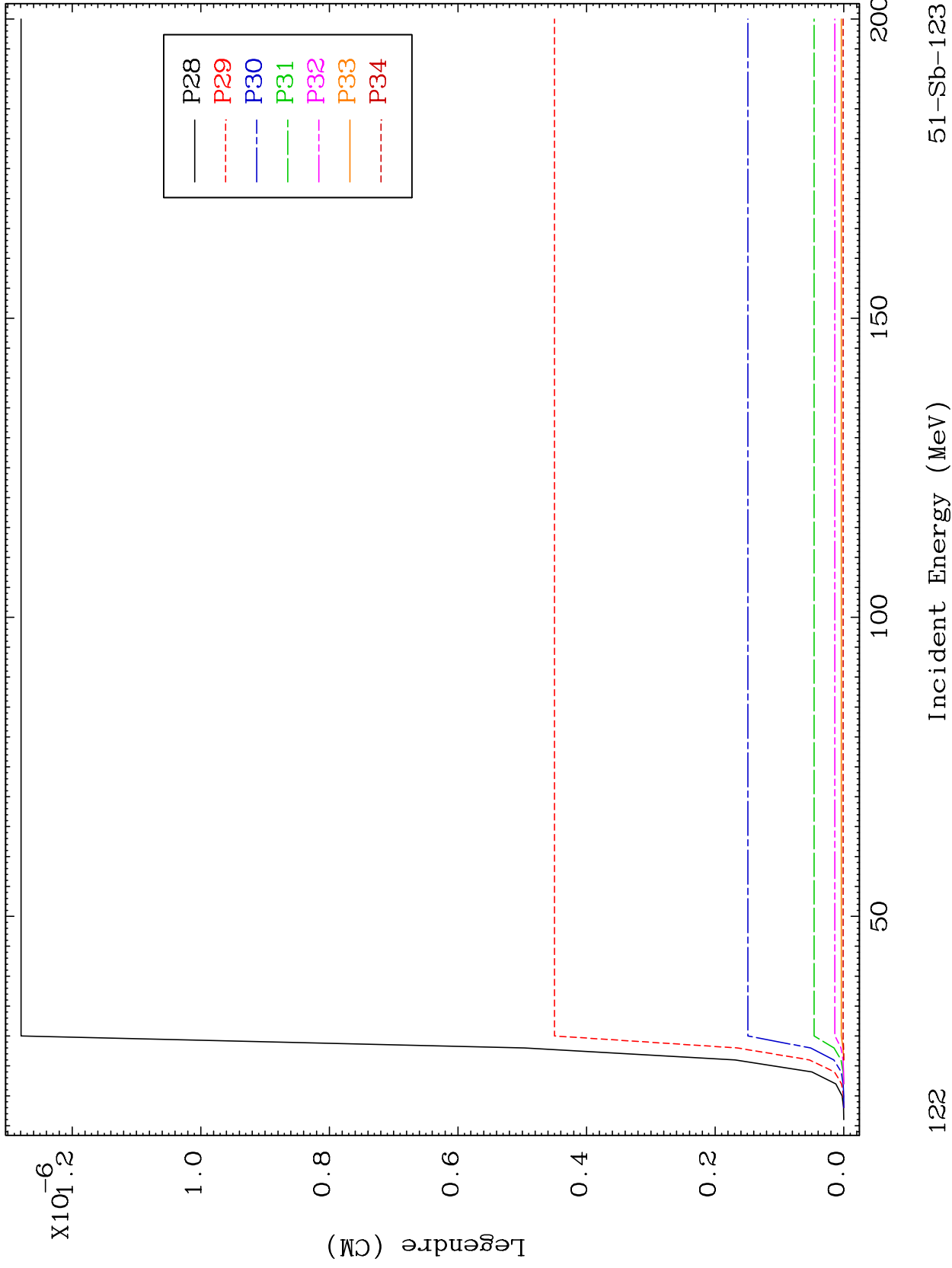
121

51-Sb-123

MAT 5131

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

51-Sb-123



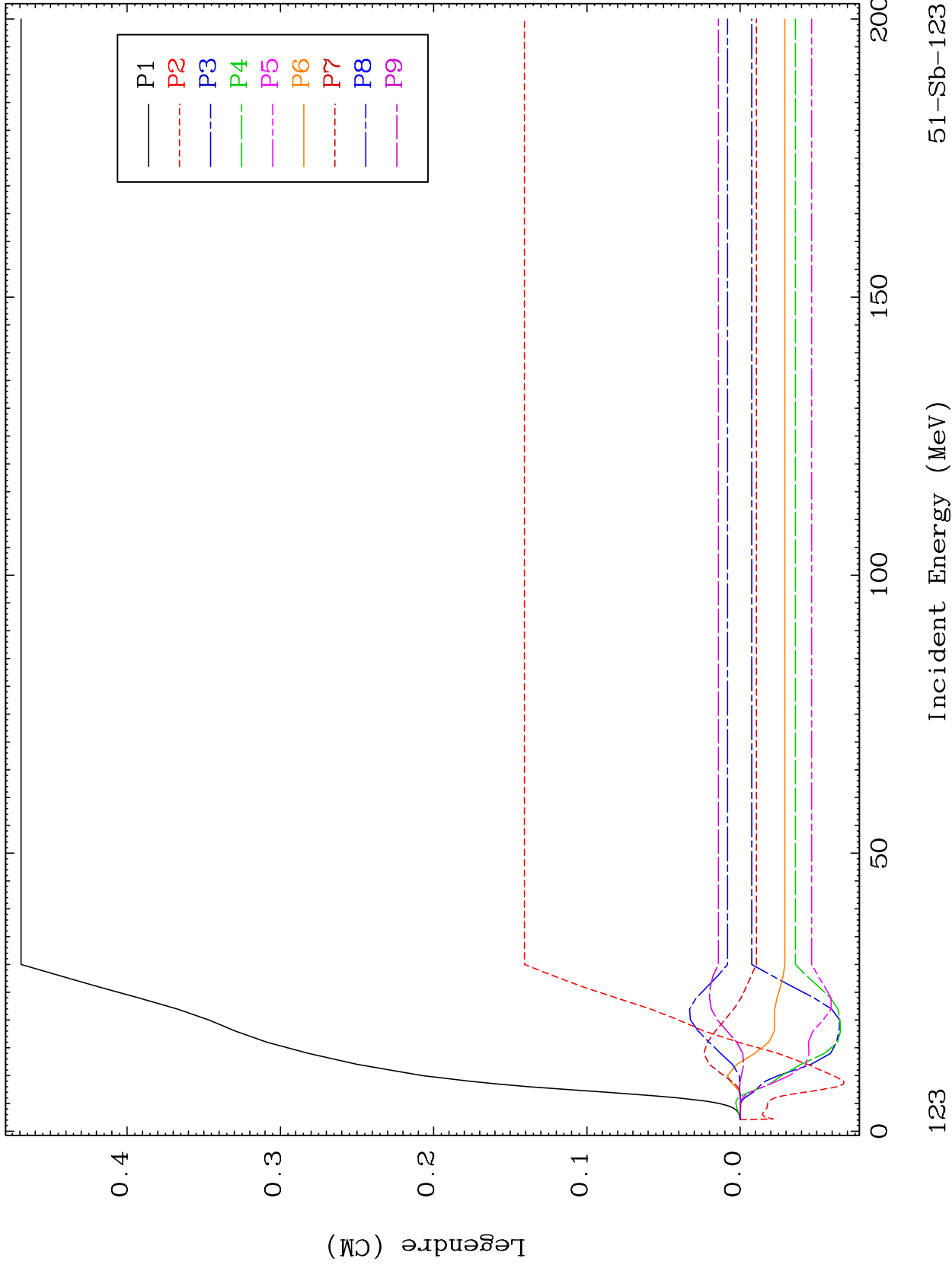
122

51-Sb-123

MAT 5131

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

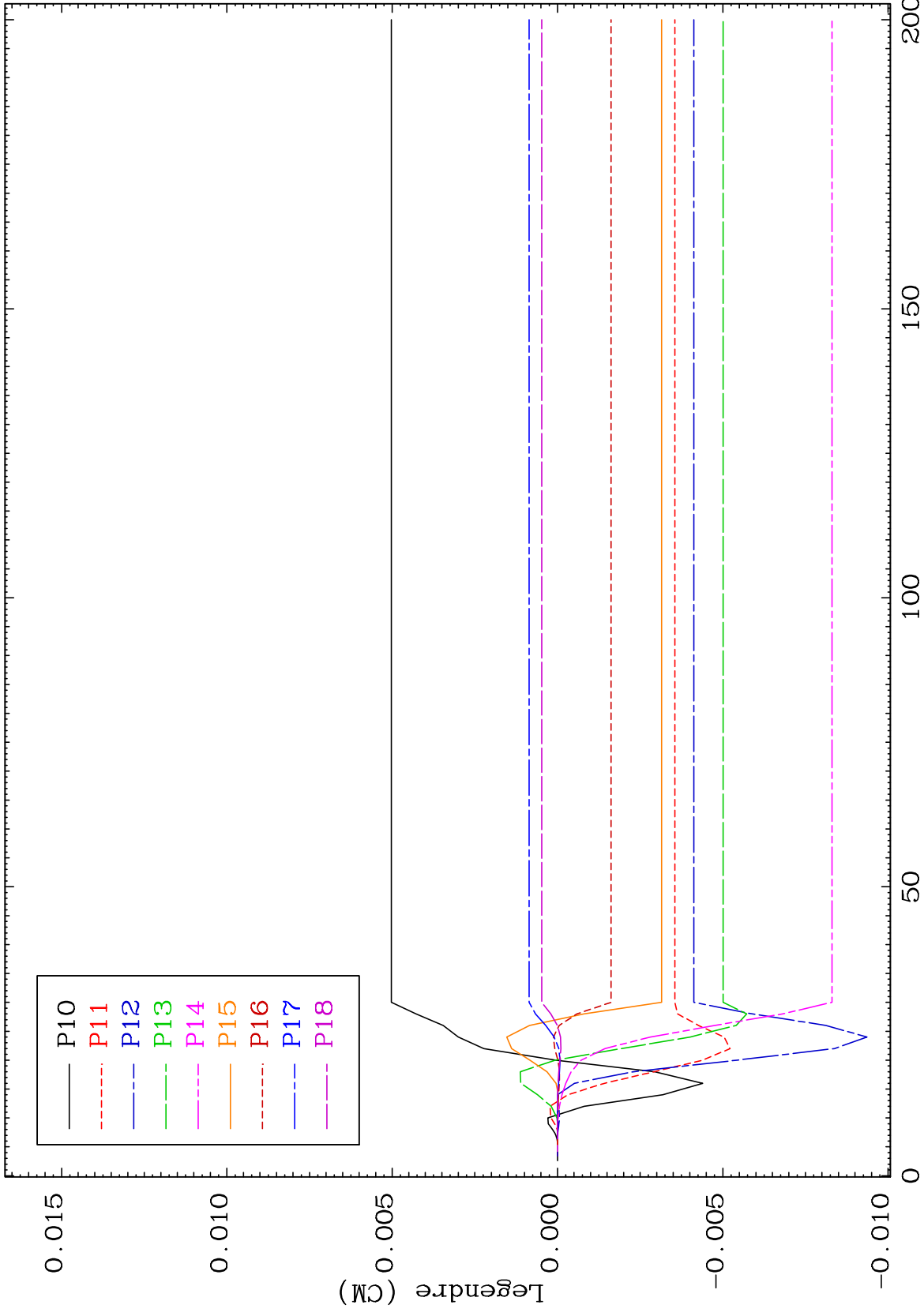
51-Sb-123



51-Sb-123

Incident Energy (MeV)

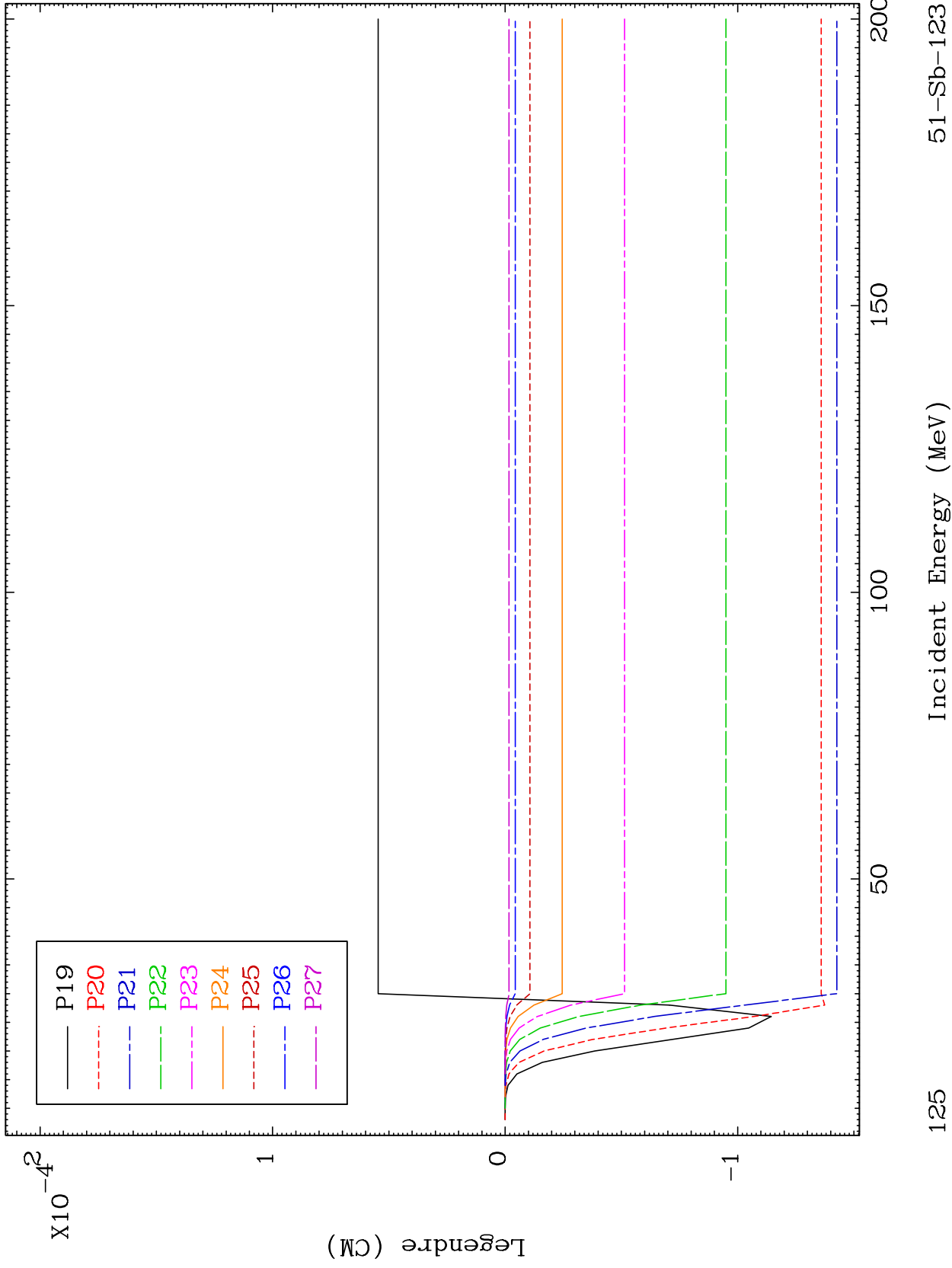
123



MAT 5131

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

51-Sb-123



125

Incident Energy (MeV)

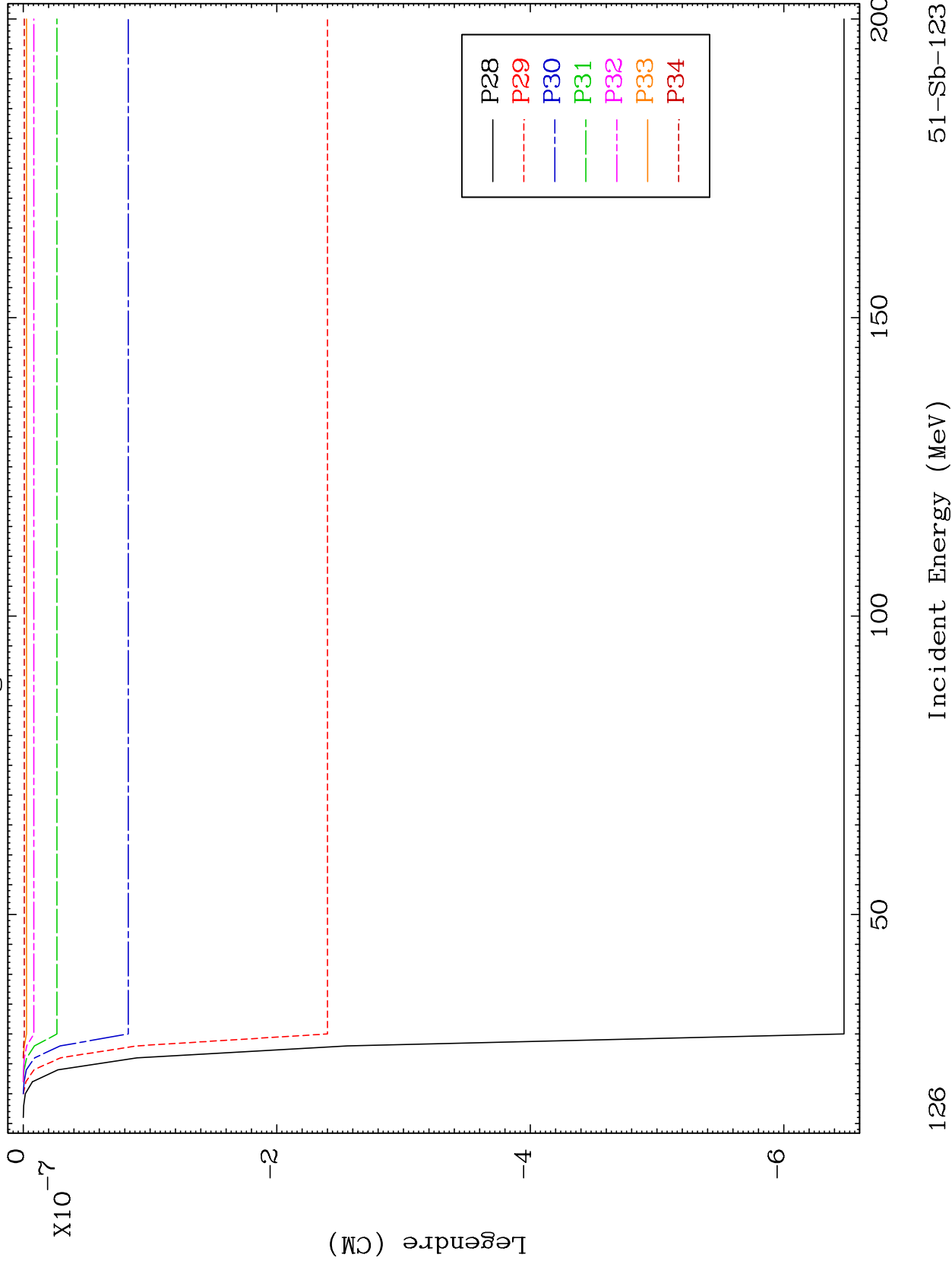
51-Sb-123

MAT 5131

MT= 77 (n,n') Level

51-Sb-123

Legendre Coefficients



126

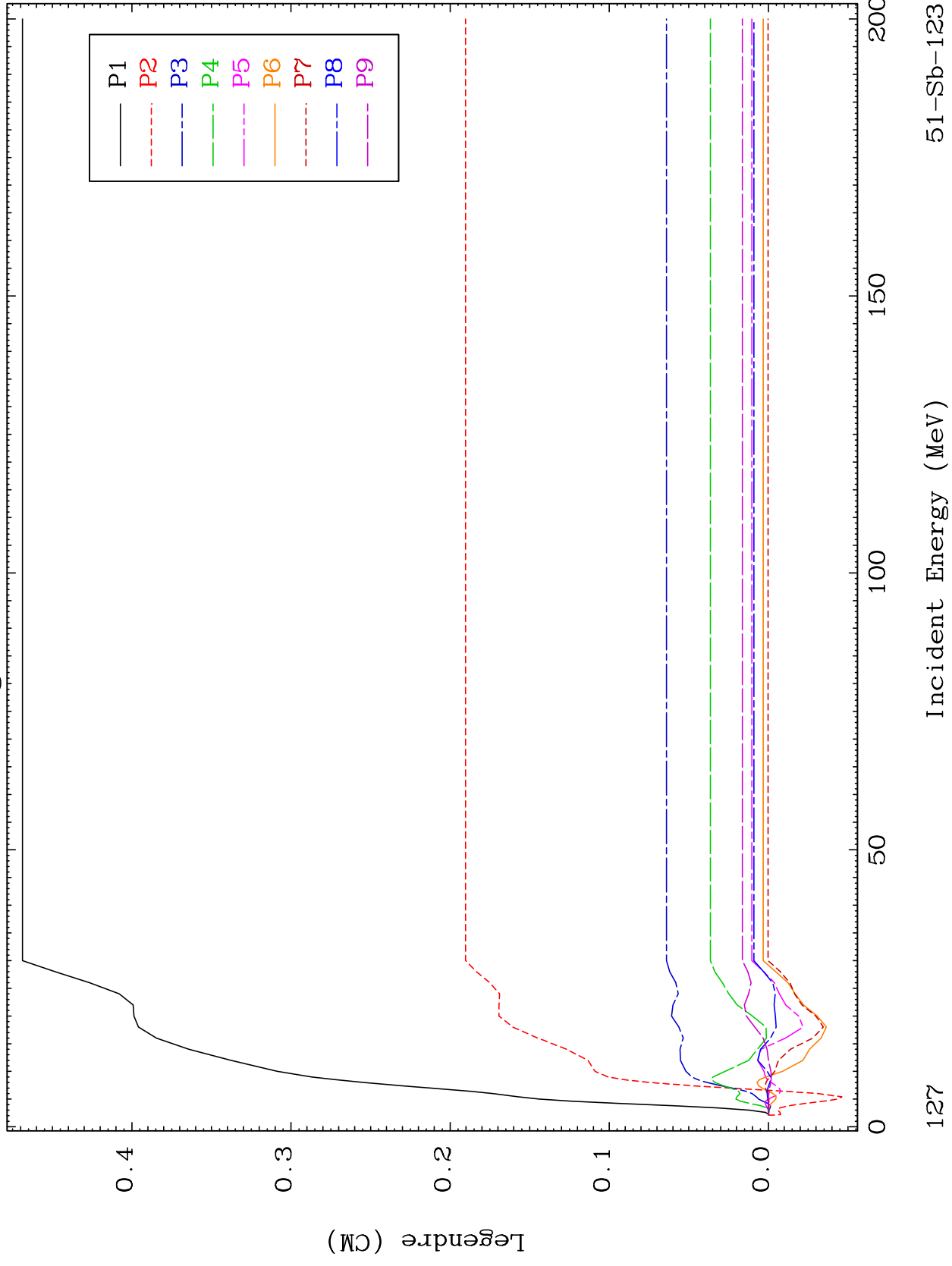
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

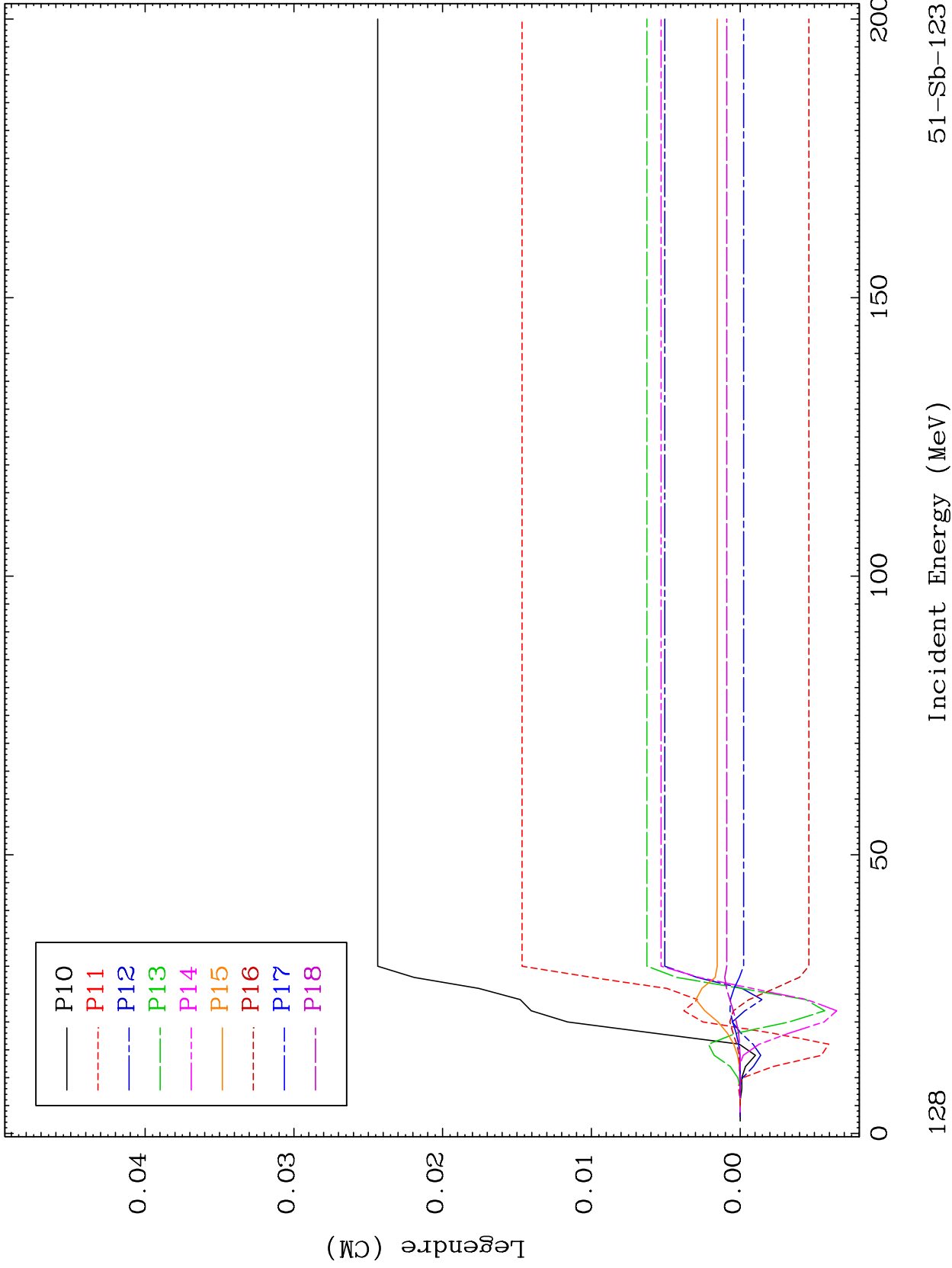
Incident Energy (MeV)

127

MAT 5131

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

51-Sb-123



51-Sb-123

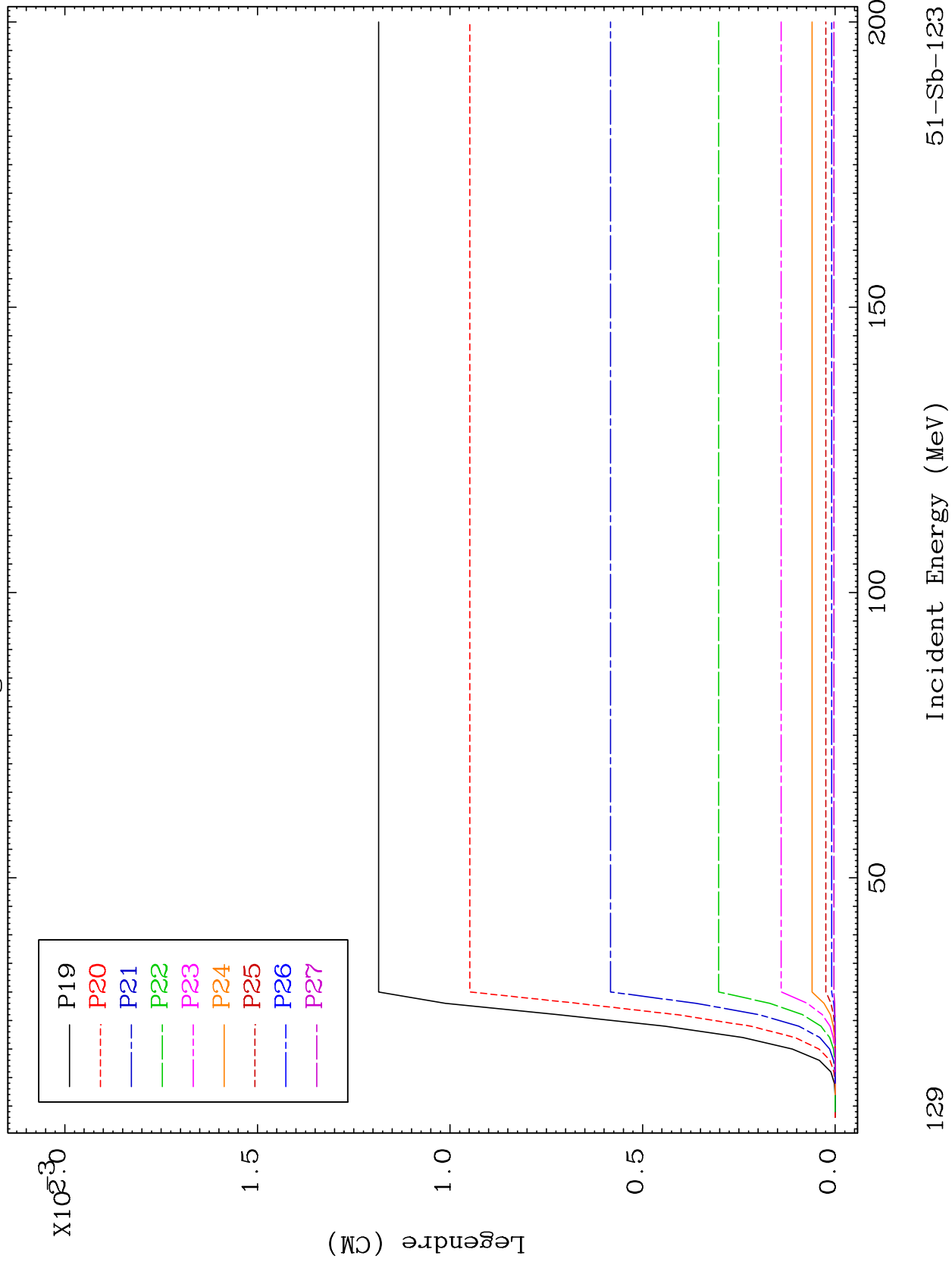
Incident Energy (MeV)

128

MAT 5131

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

51-Sb-123



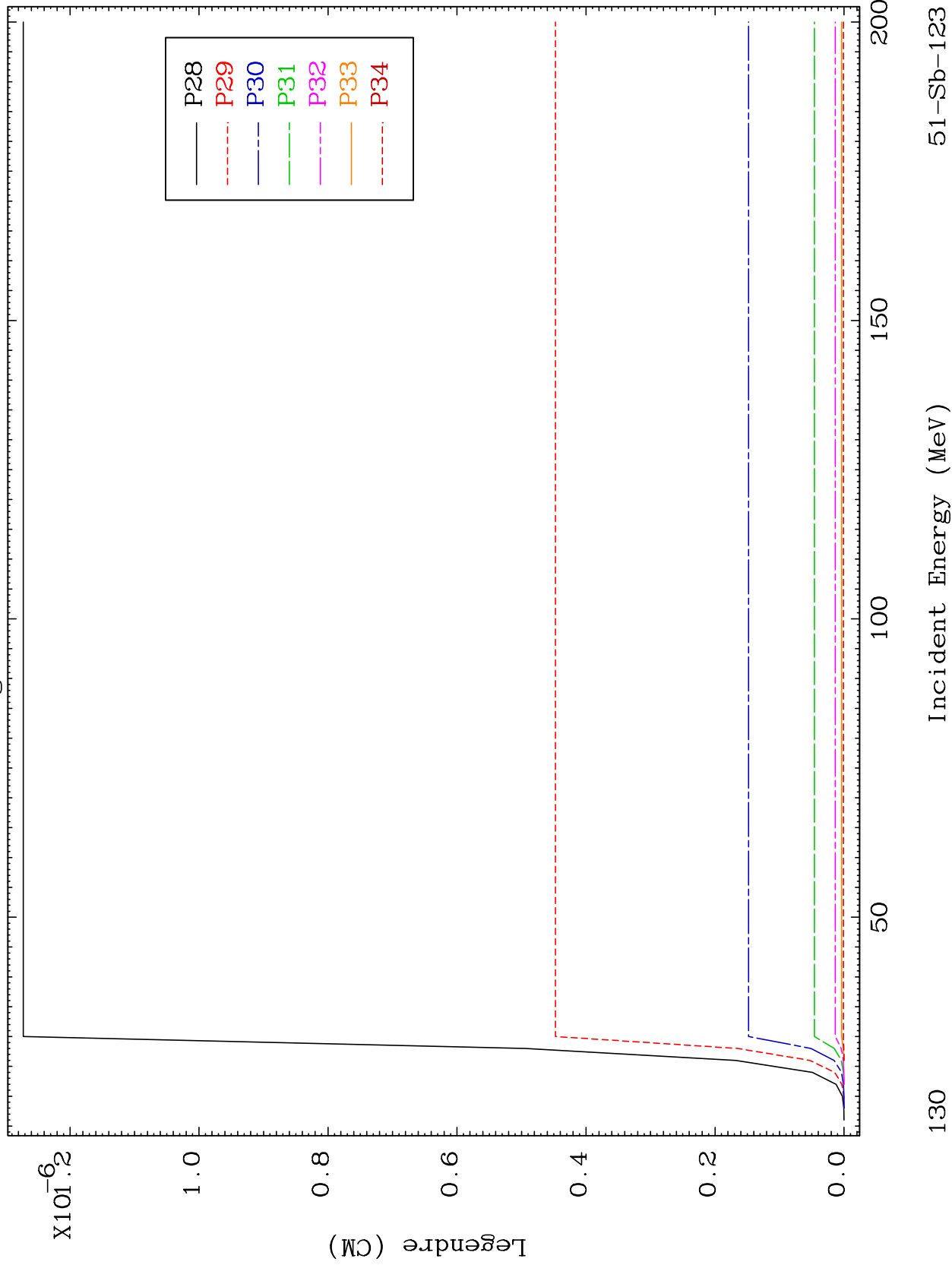
129

51-Sb-123

MAT 5131

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

51-Sb-123



130

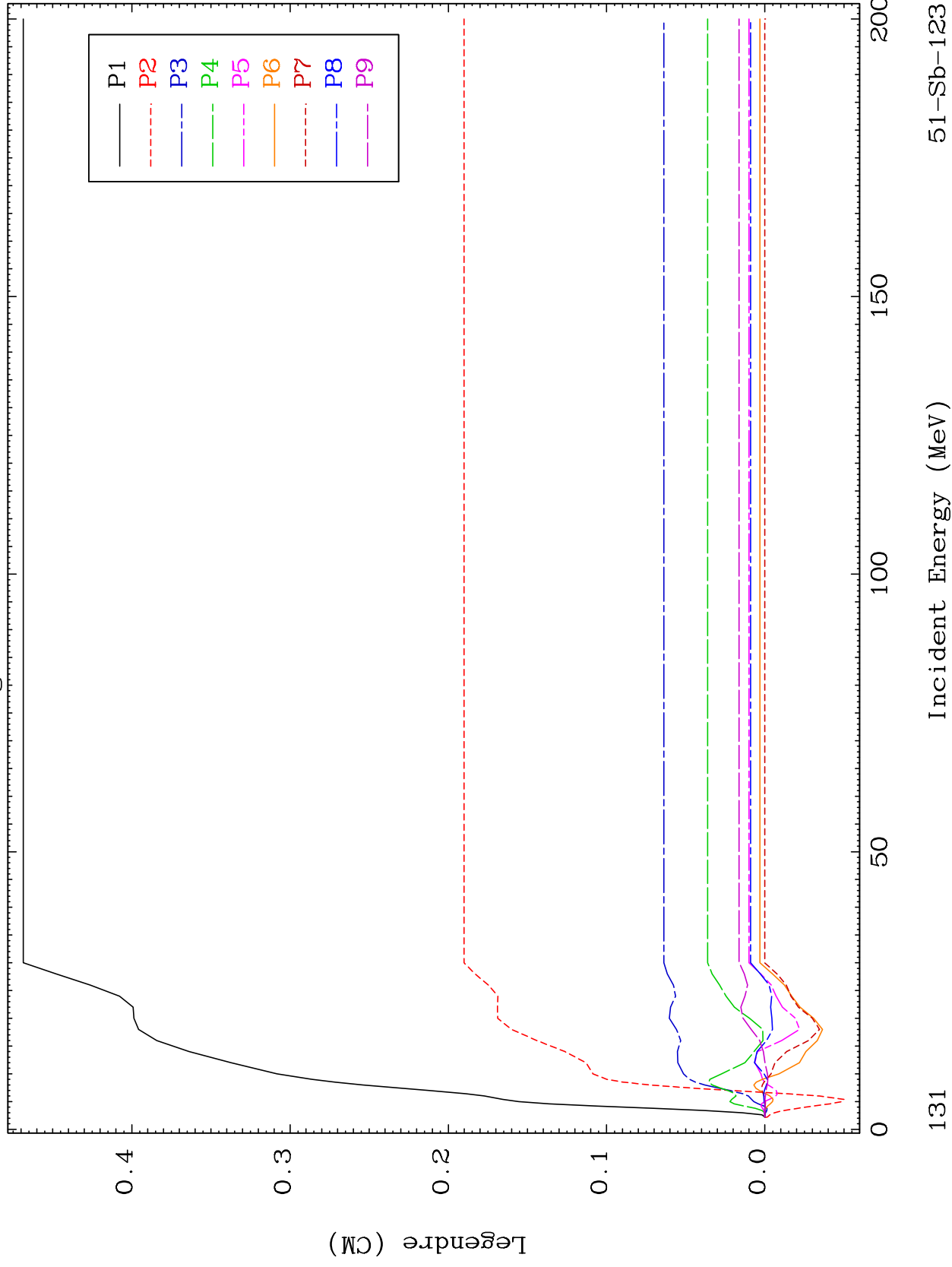
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

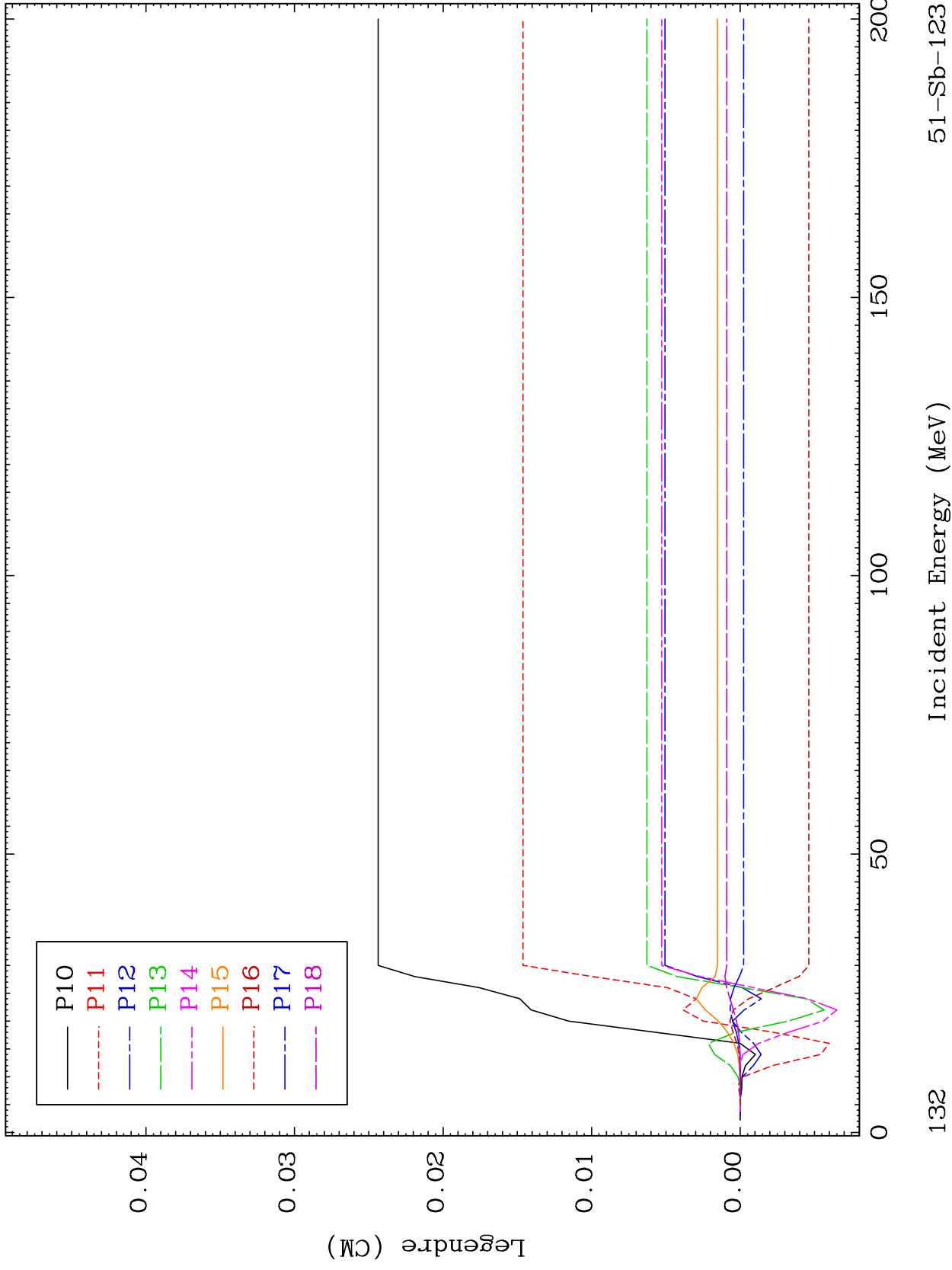
Incident Energy (MeV)

131

MAT 5131

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

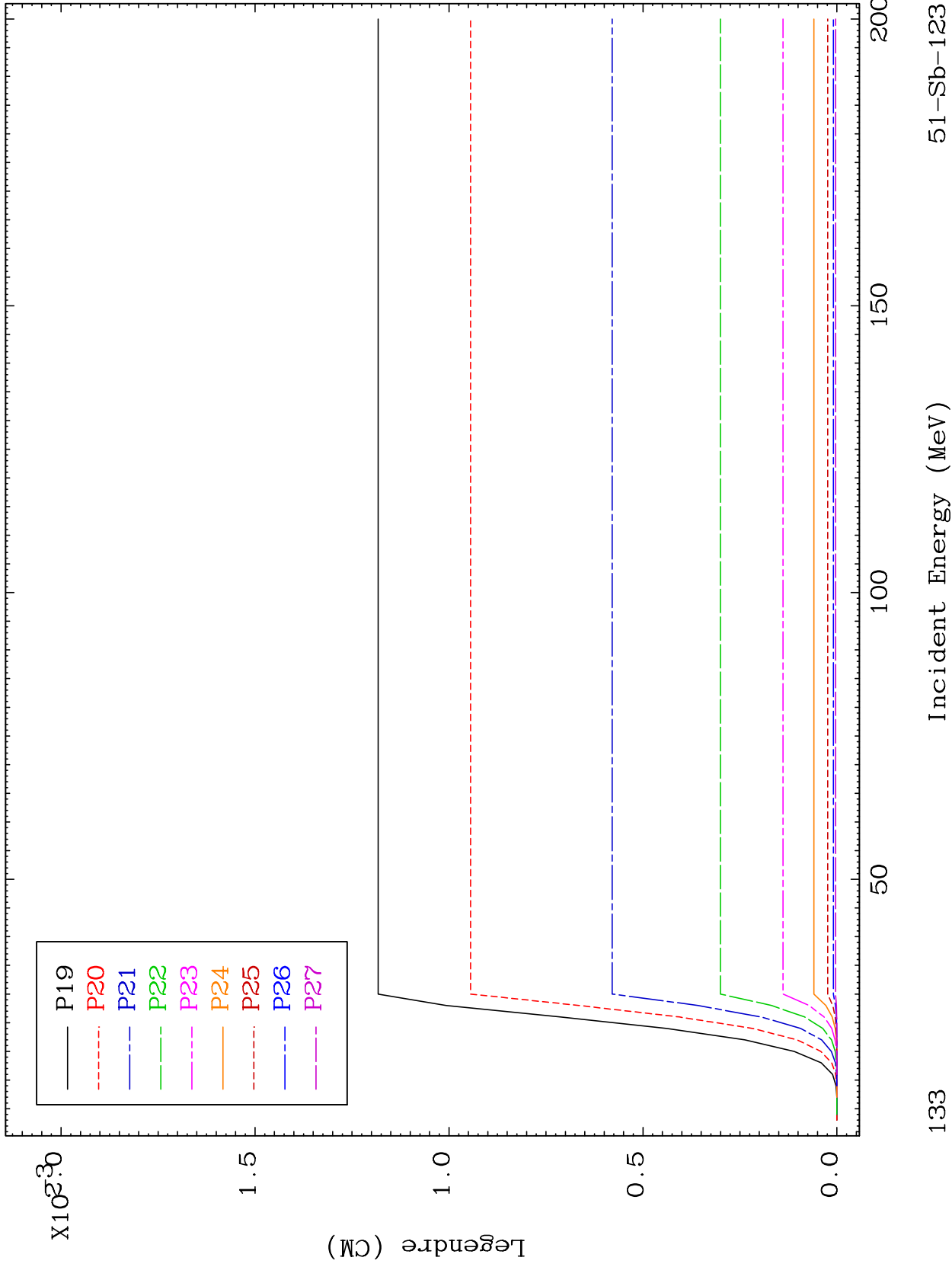
51-Sb-123



51-Sb-123

Incident Energy (MeV)

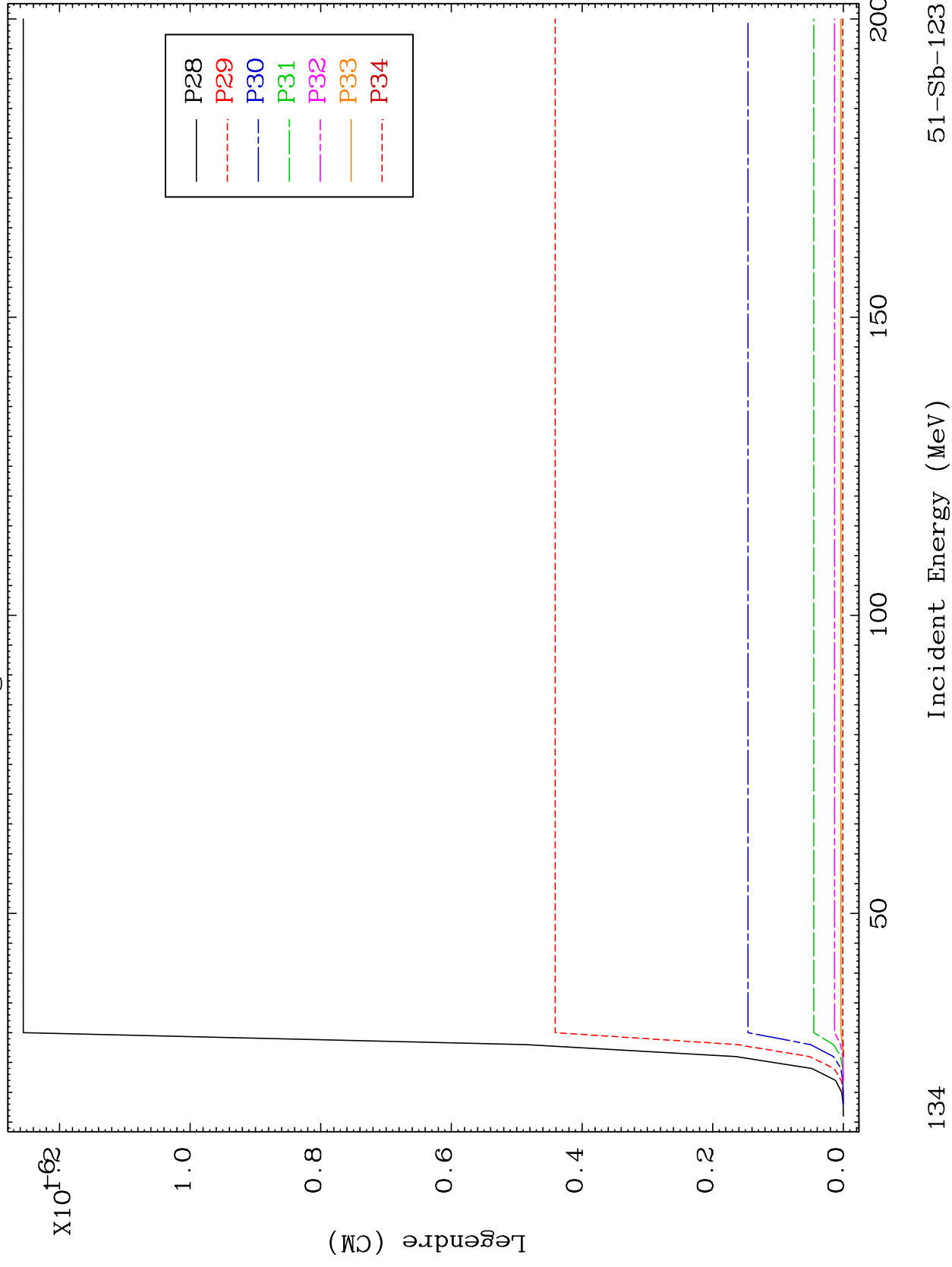
132



MAT 5131

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

51-Sb-123



134

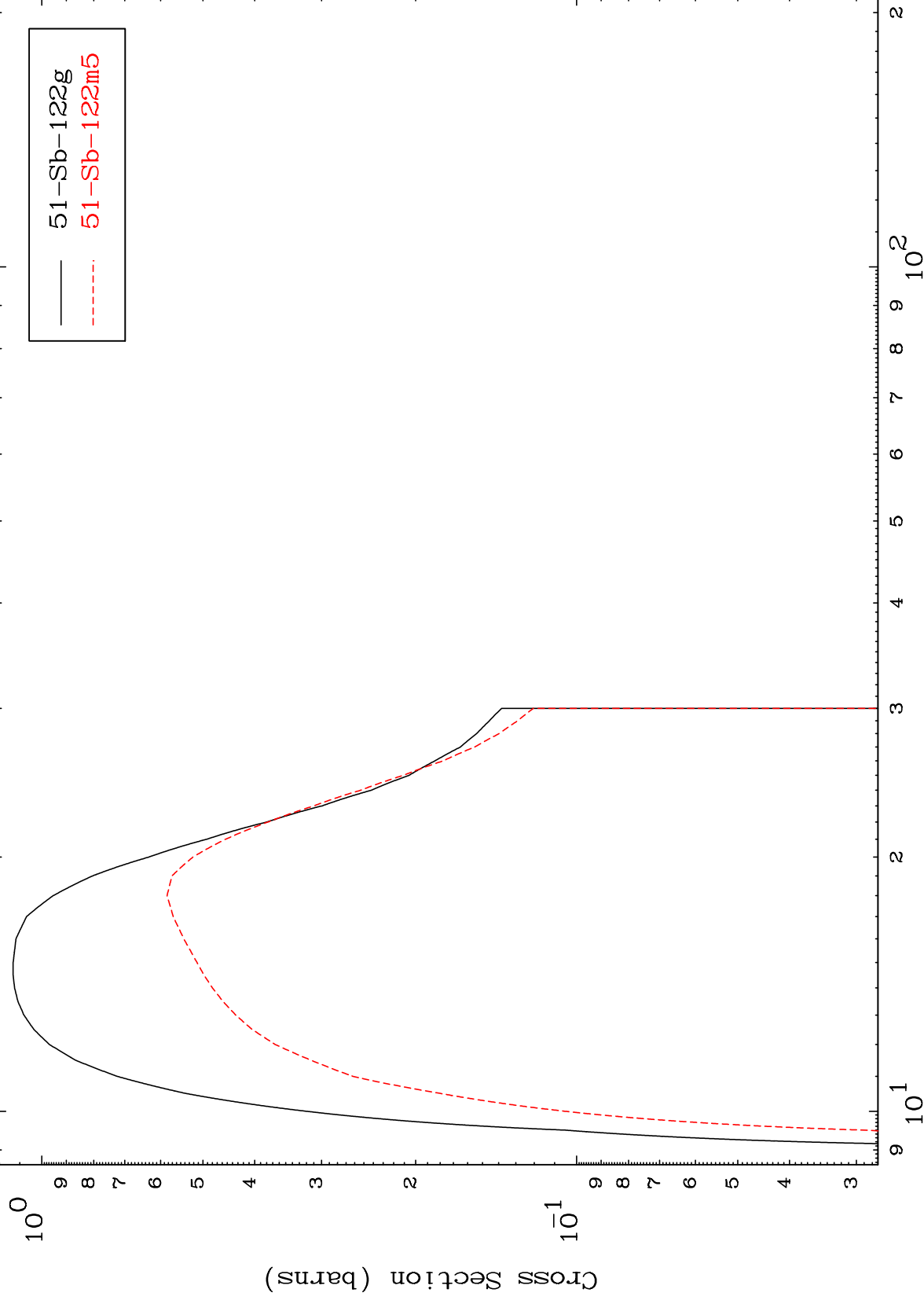
51-Sb-123

MAT 5131

(n,2n)

51-Sb-123

Radionuclide Production Cross Section



135

Incident Energy (MeV)

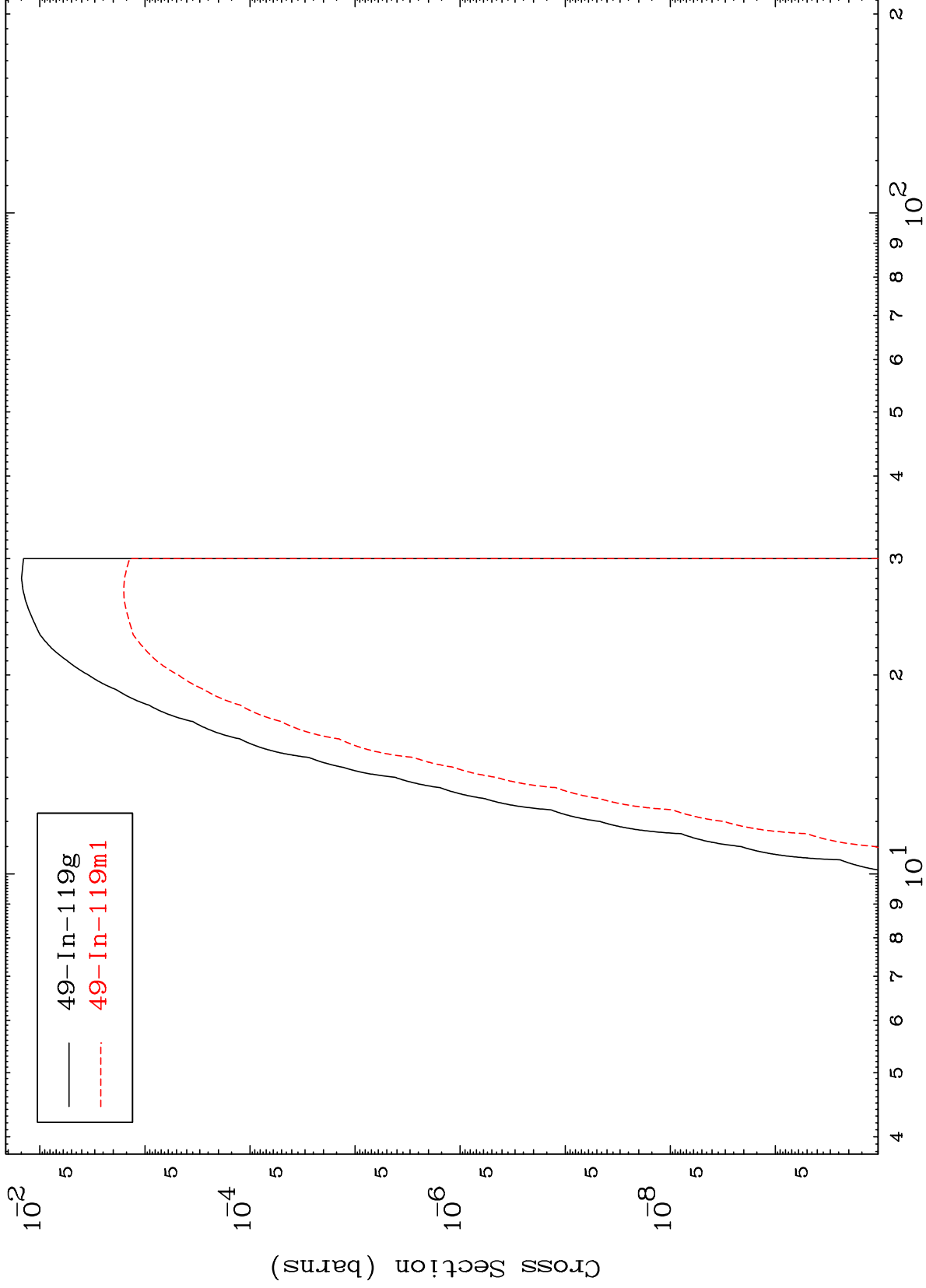
51-Sb-123

MAT 5131

(n,n') α

51-Sb-123

Radionuclide Production Cross Section

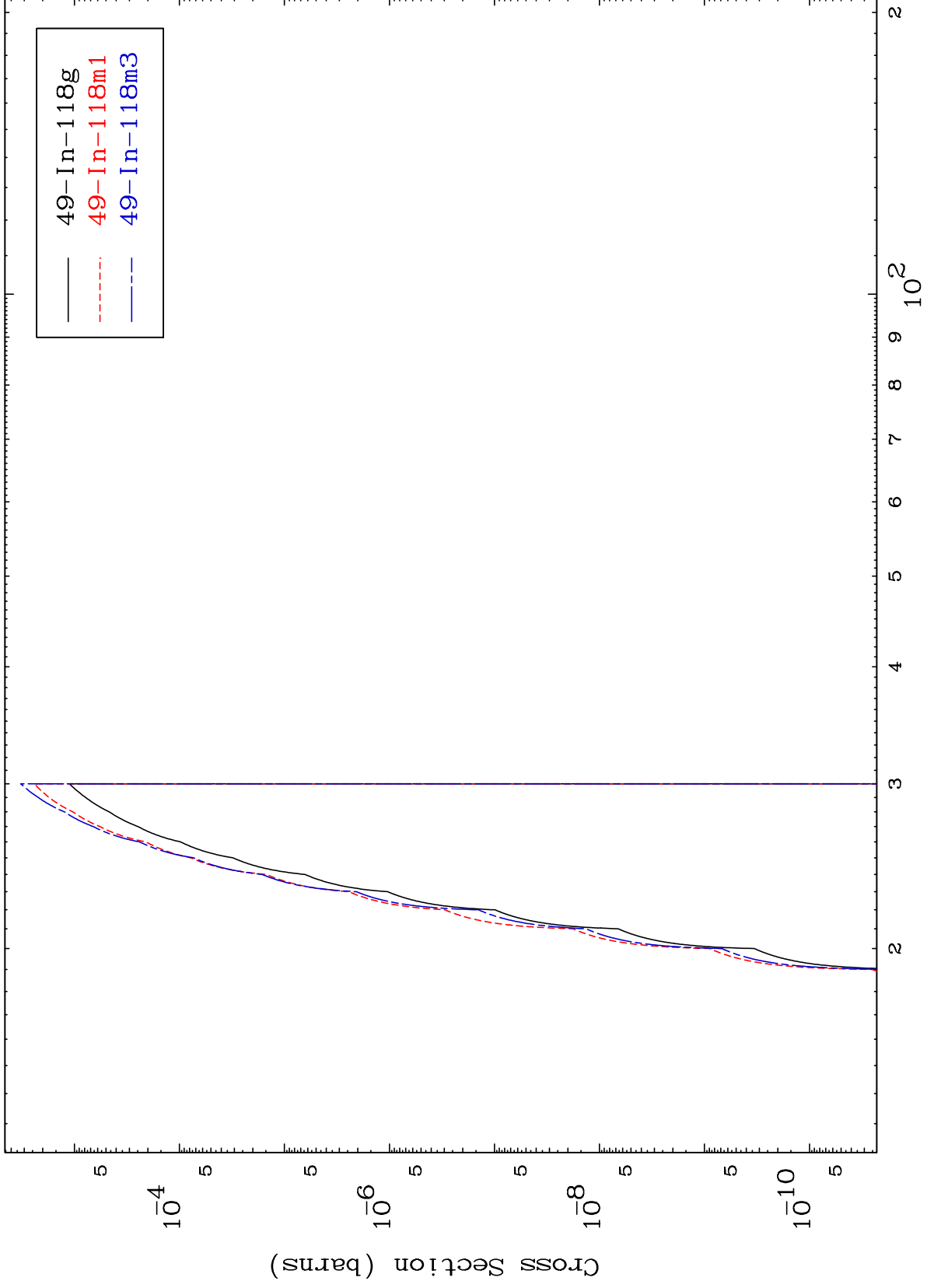


136

Incident Energy (MeV)

51-Sb-123

Radionuclide Production Cross Section

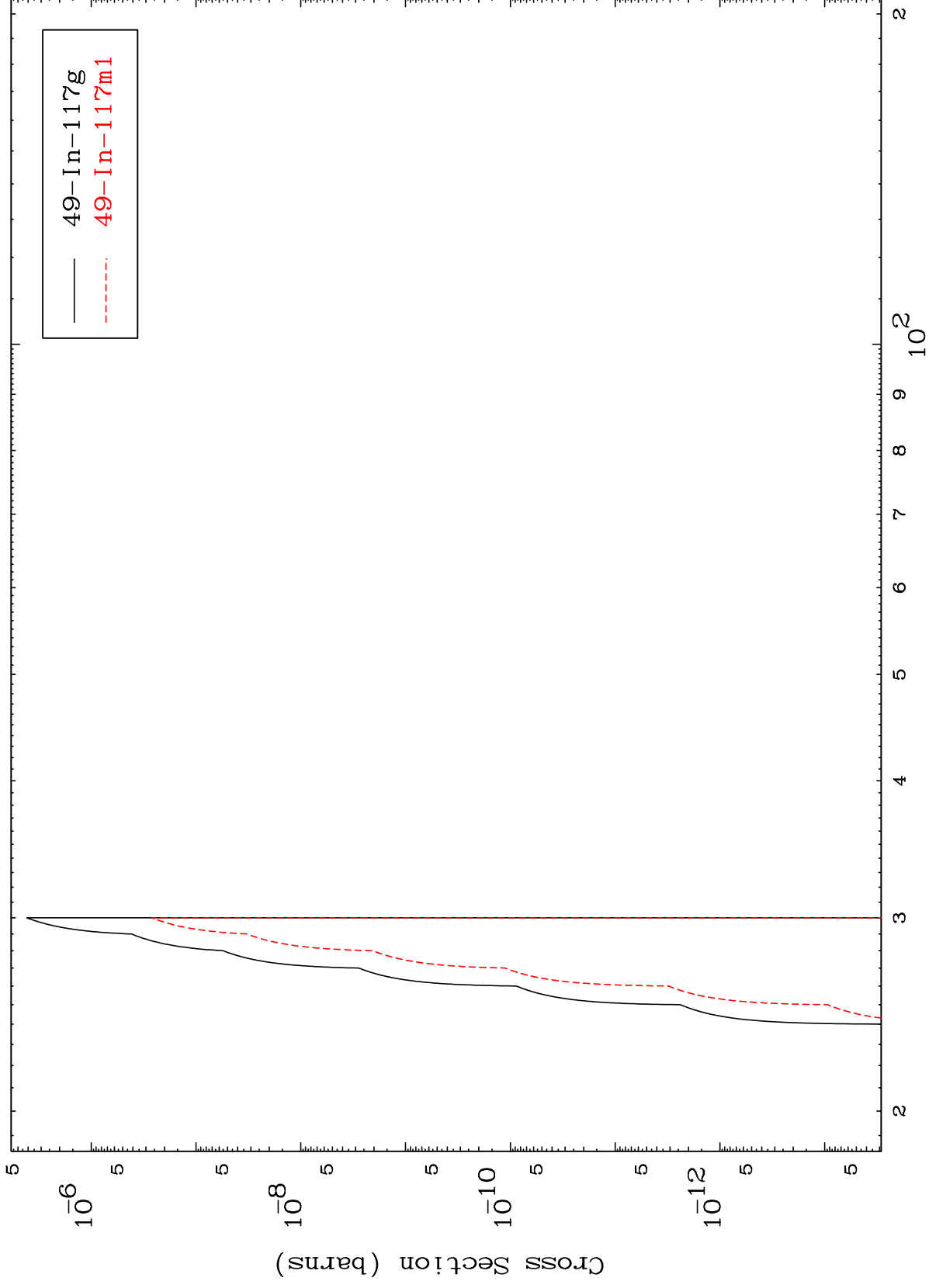


MAT 5131

(n,3n) α

51-Sb-123

Radionuclide Production Cross Section

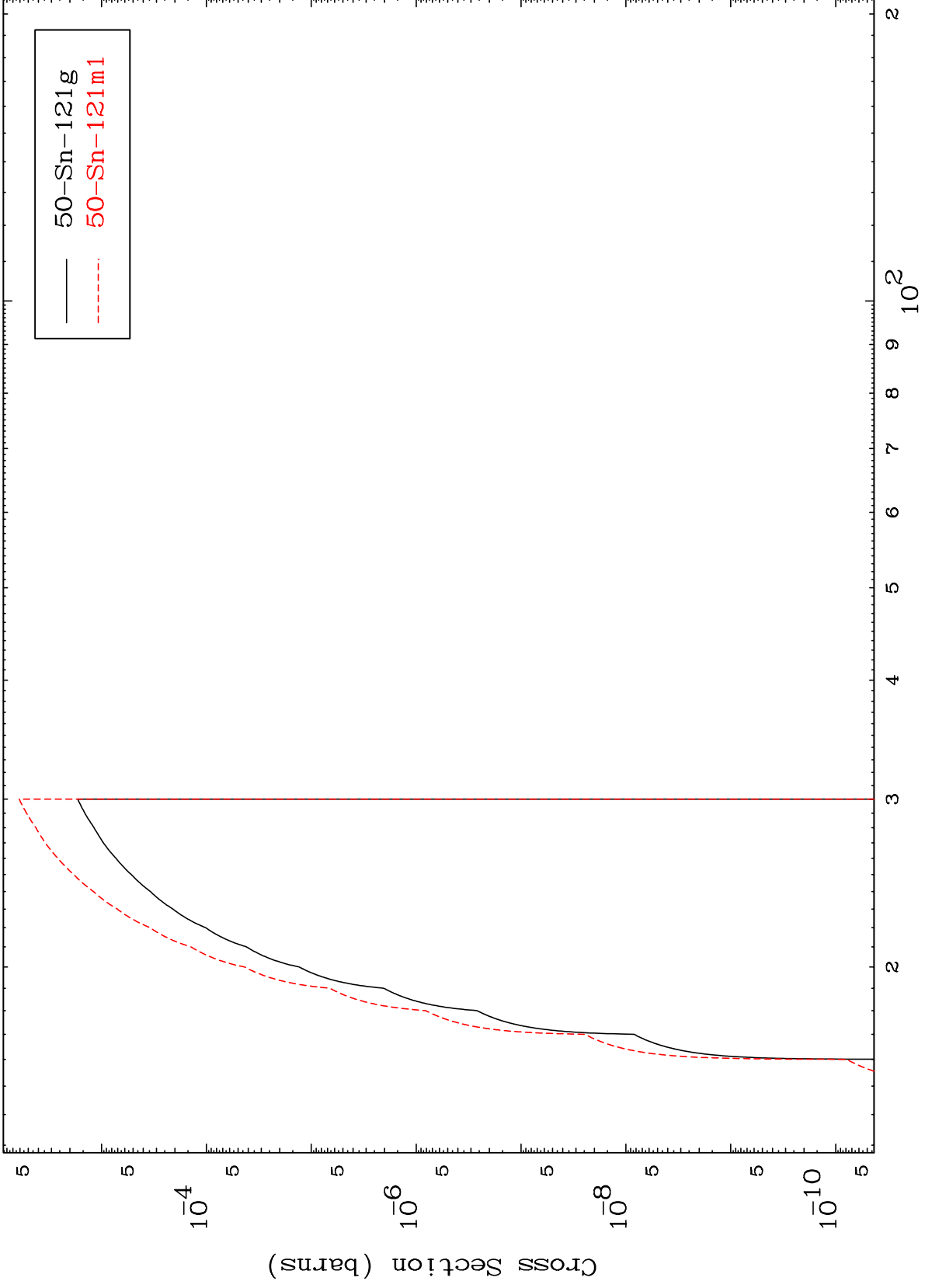


138

Incident Energy (MeV)

51-Sb-123

Radionuclide Production Cross Section

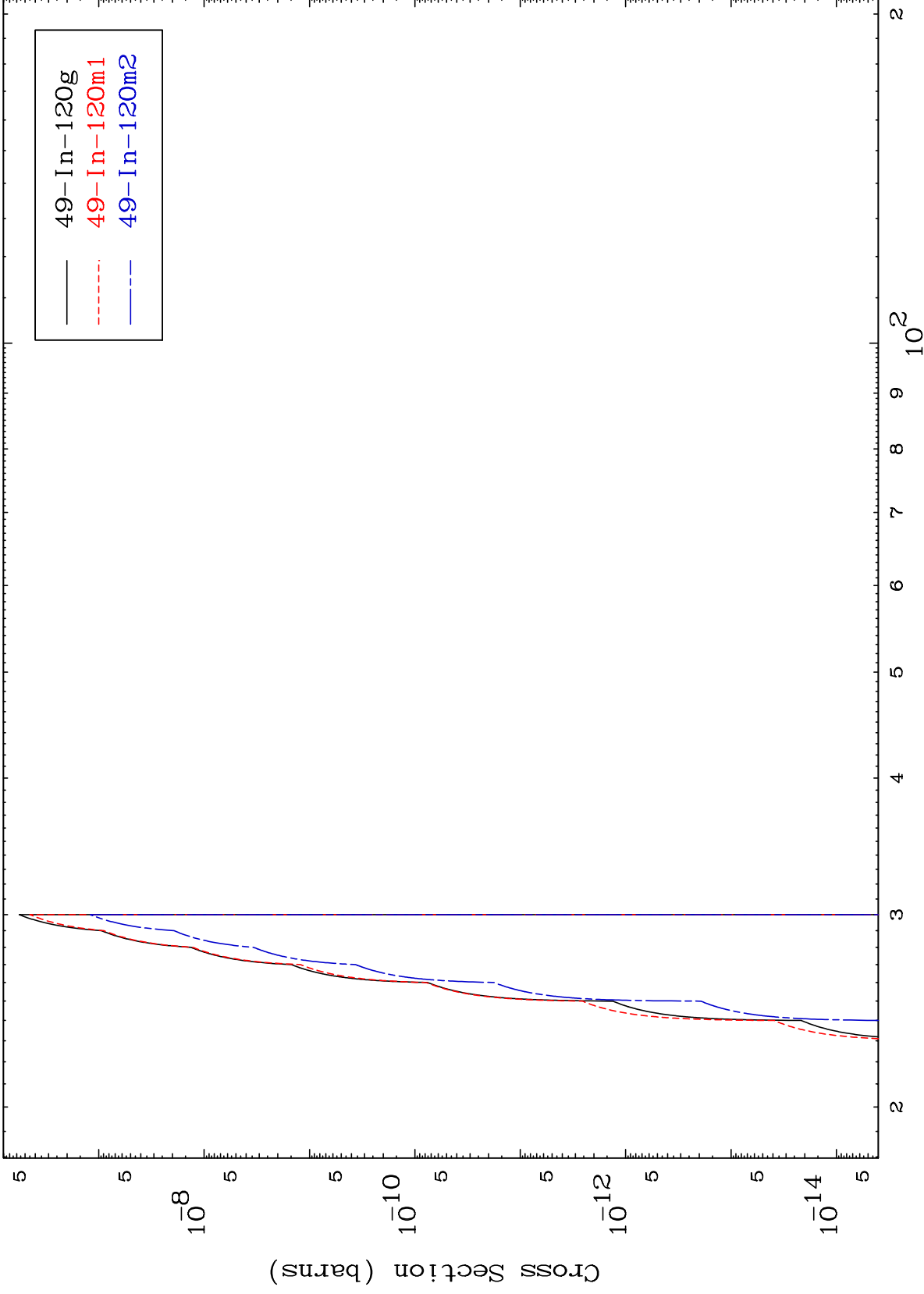


MAT 5131

(n,n') He-3

51-Sb-123

Radionuclide Production Cross Section



140

Incident Energy (MeV)

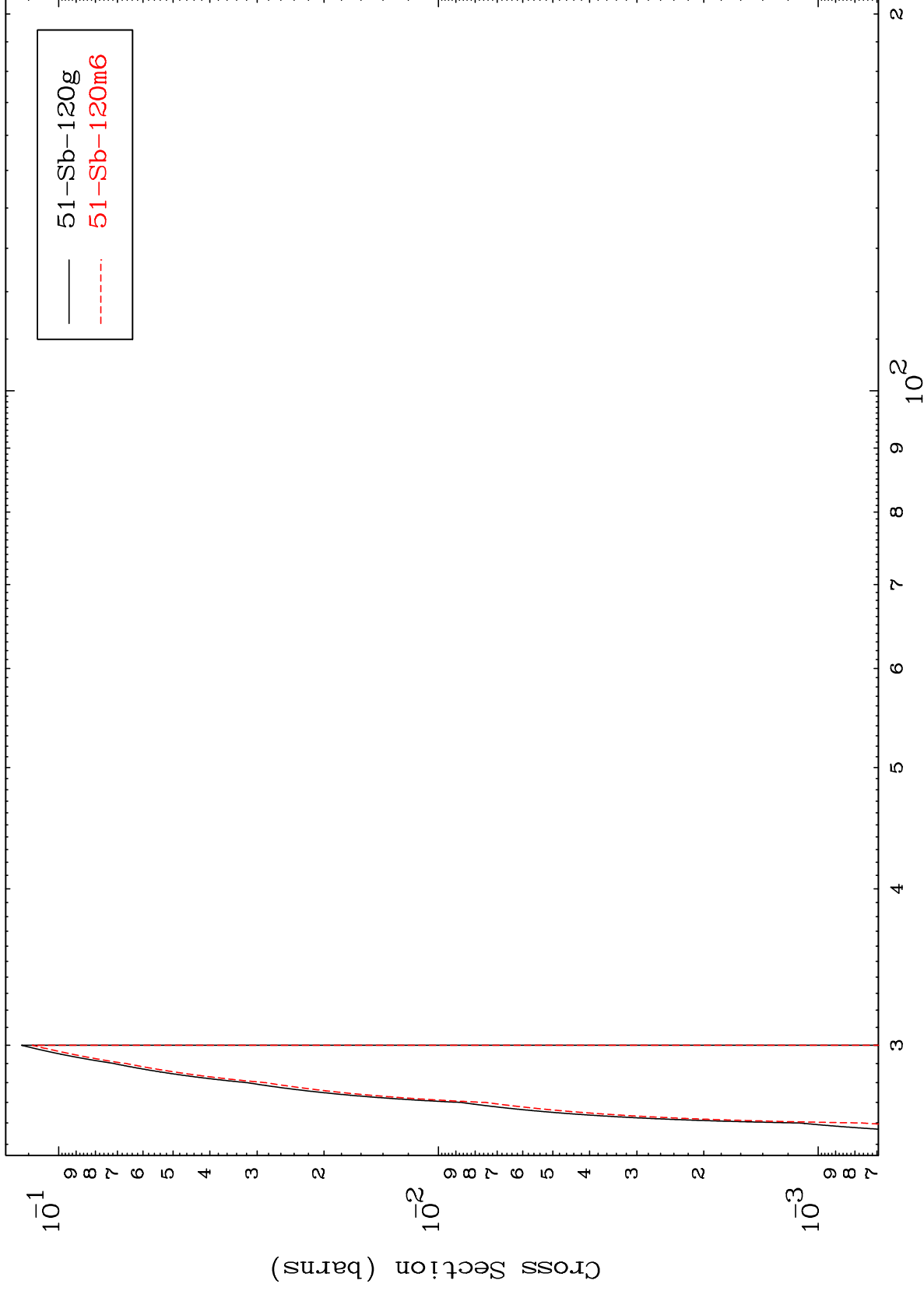
51-Sb-123

MAT 5131

(n,4n)

51-Sb-123

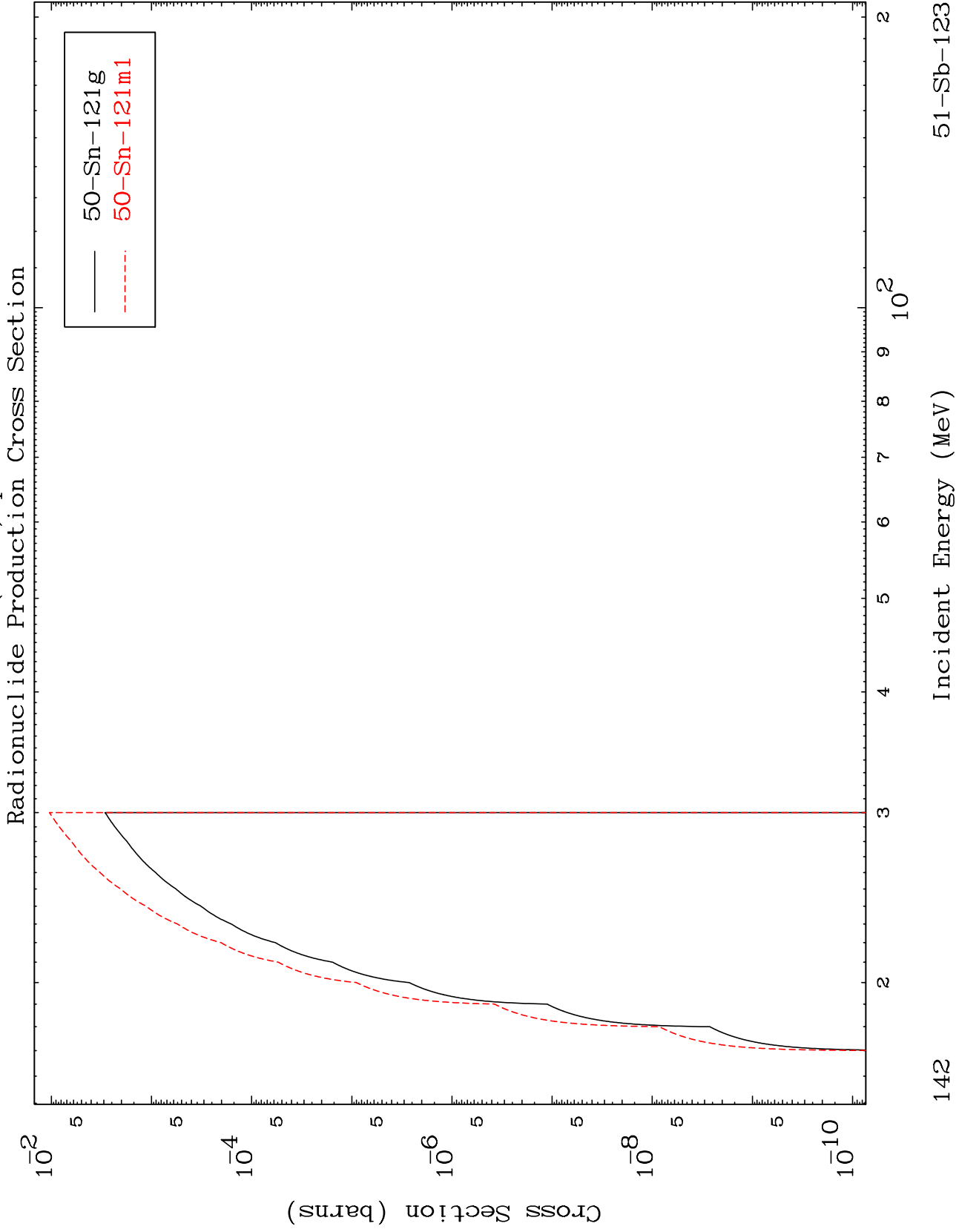
Radionuclide Production Cross Section



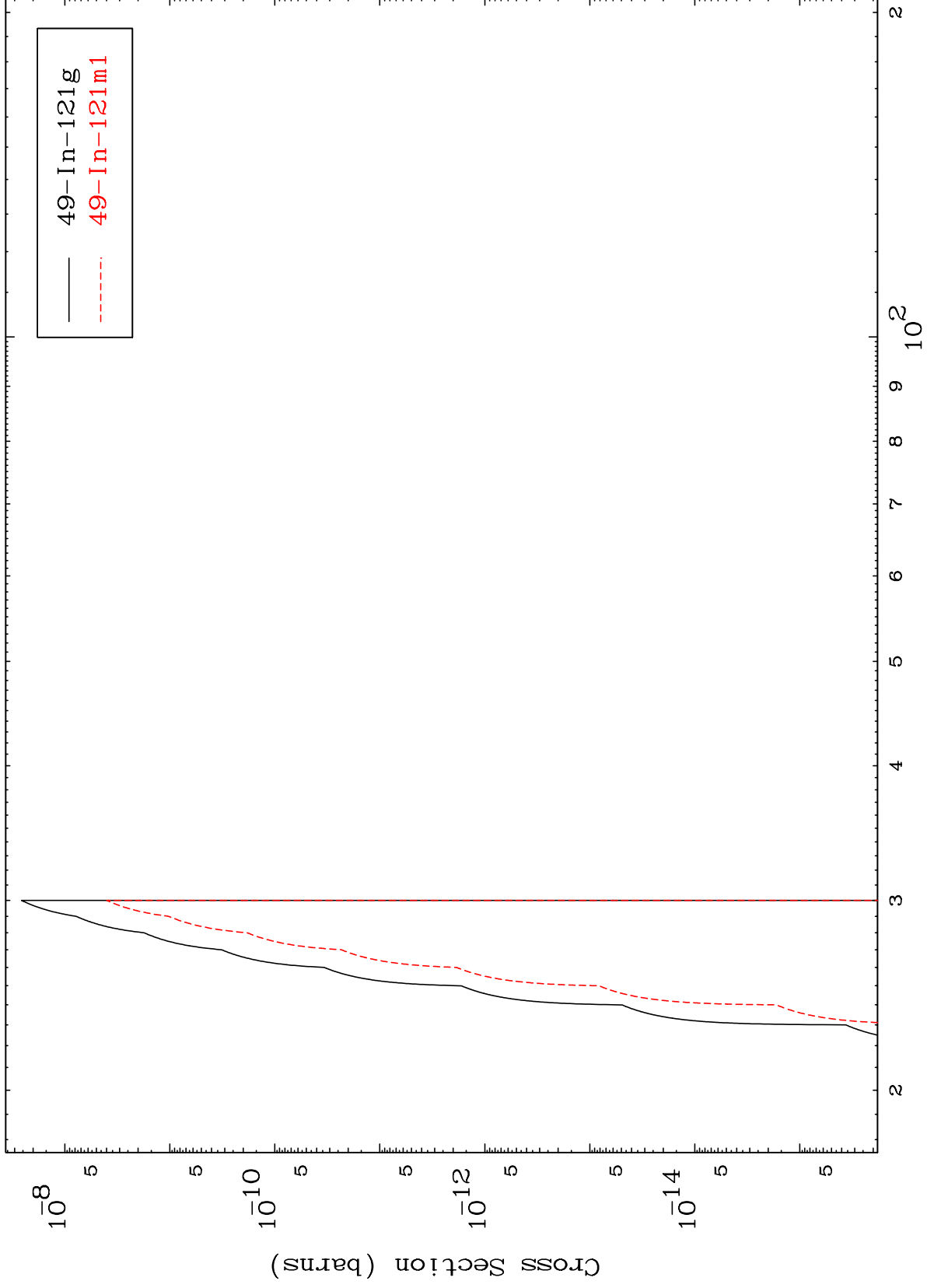
141

Incident Energy (MeV)

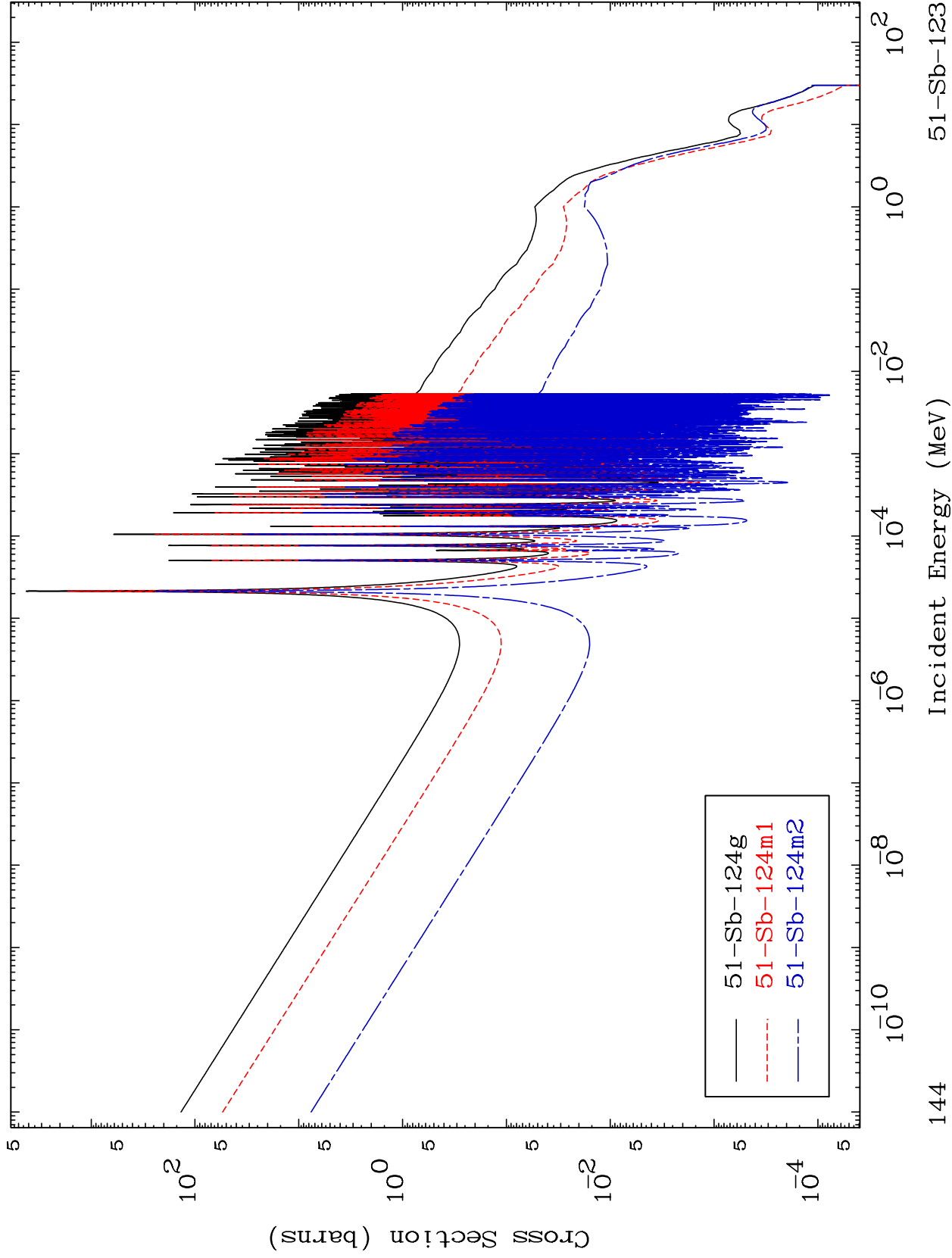
51-Sb-123



Radionuclide Production Cross Section



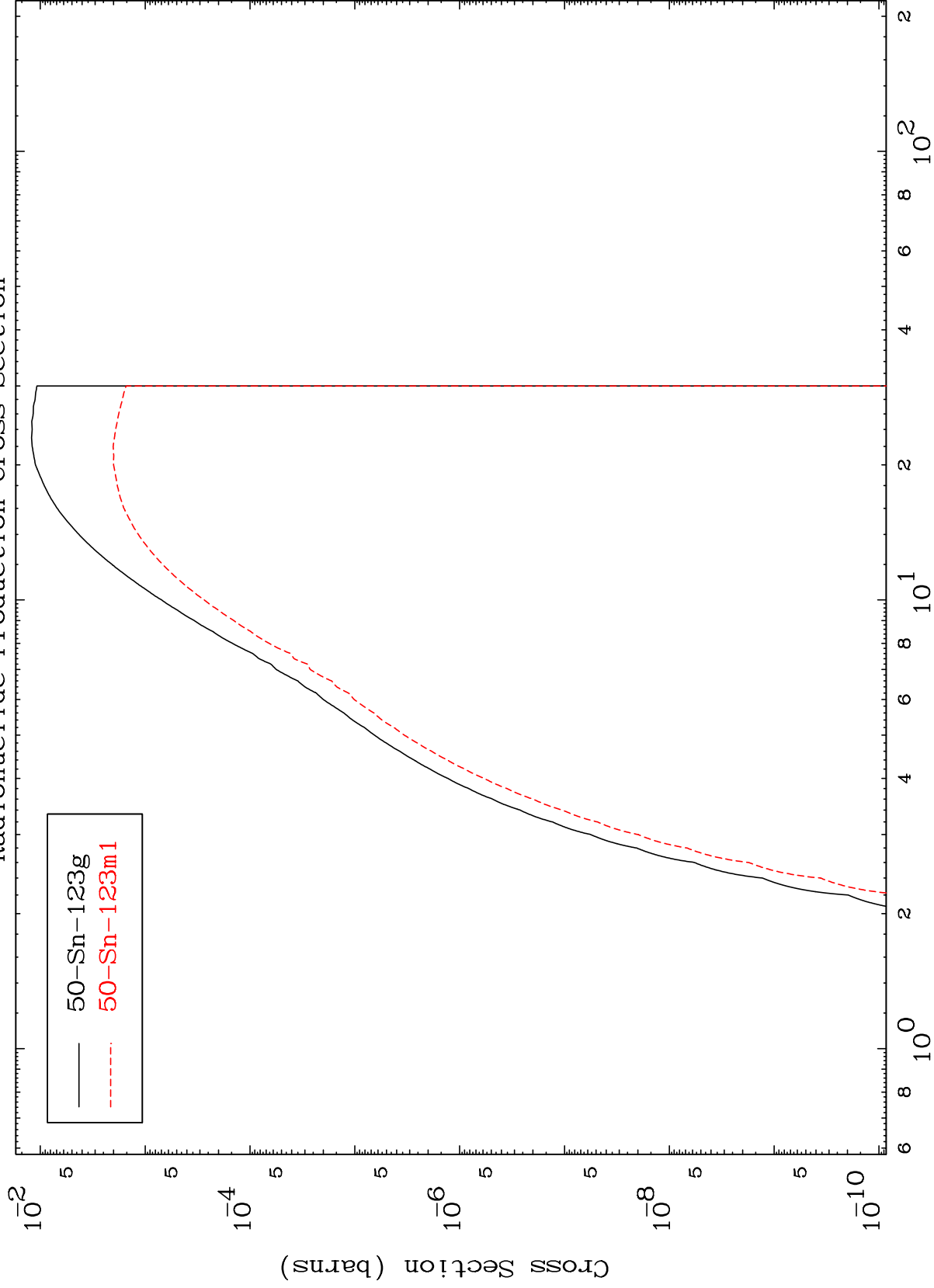
(n,γ)
Radionuclide Production Cross Section



MAT 5131

51-Sb-123

(n,p)
Radionuclide Production Cross Section



145

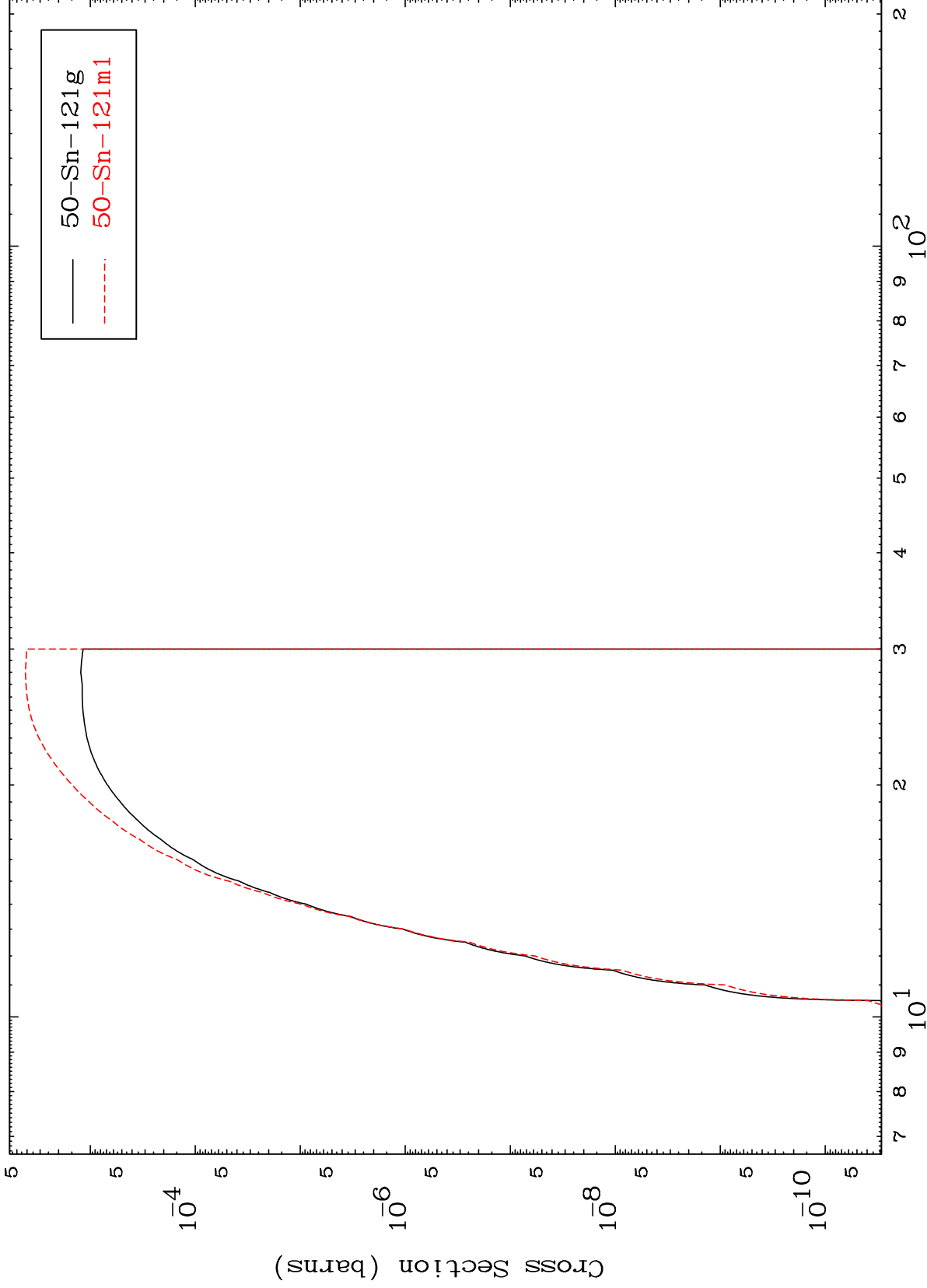
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

(n,t)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

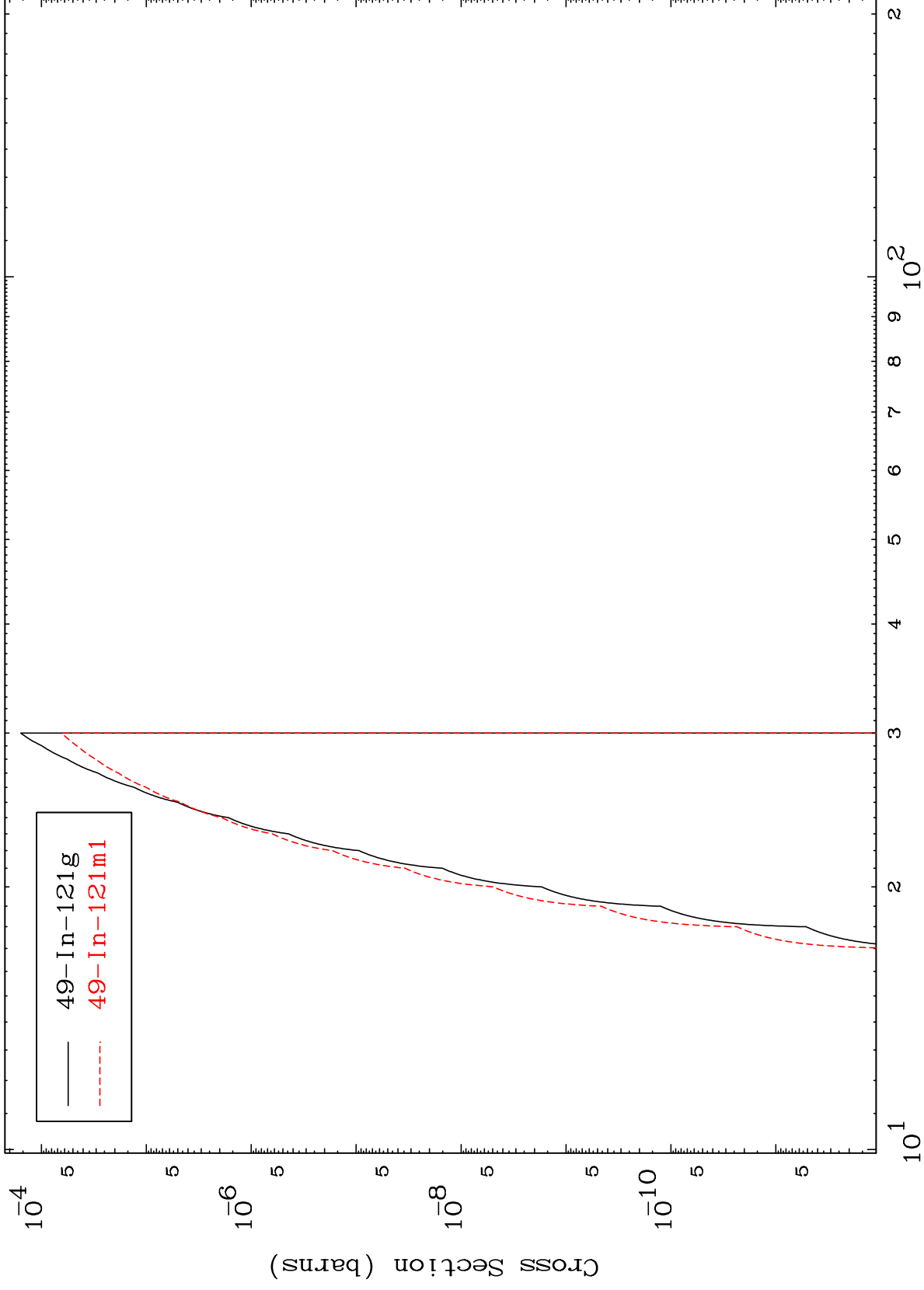
51-Sb-123

MAT 5131

(n,He-3)

51-Sb-123

Radionuclide Production Cross Section



147

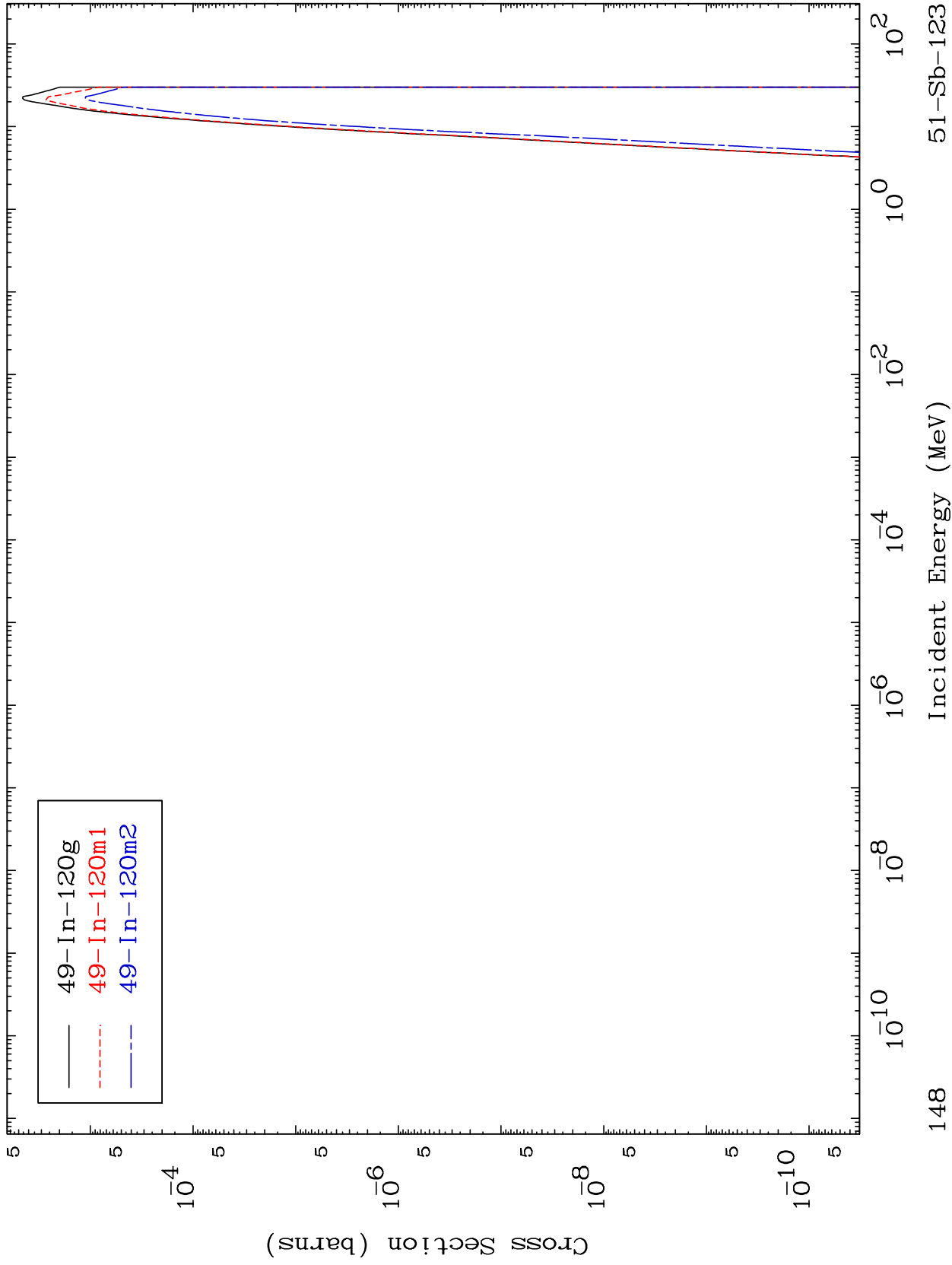
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

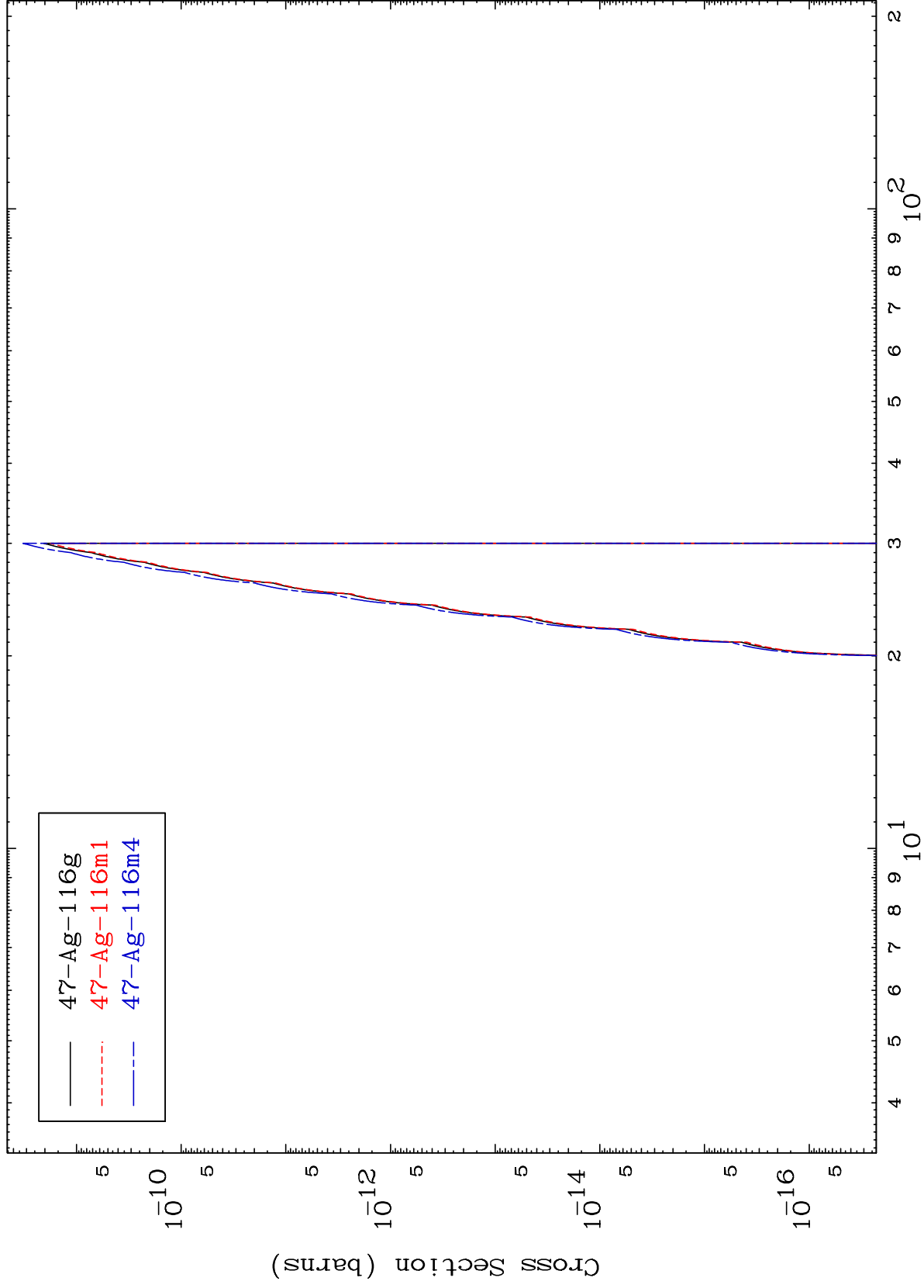
(n, α)
Radionuclide Production Cross Section



MAT 5131

51-Sb-123

Radionuclide Production Cross Section
(n,2α)



149

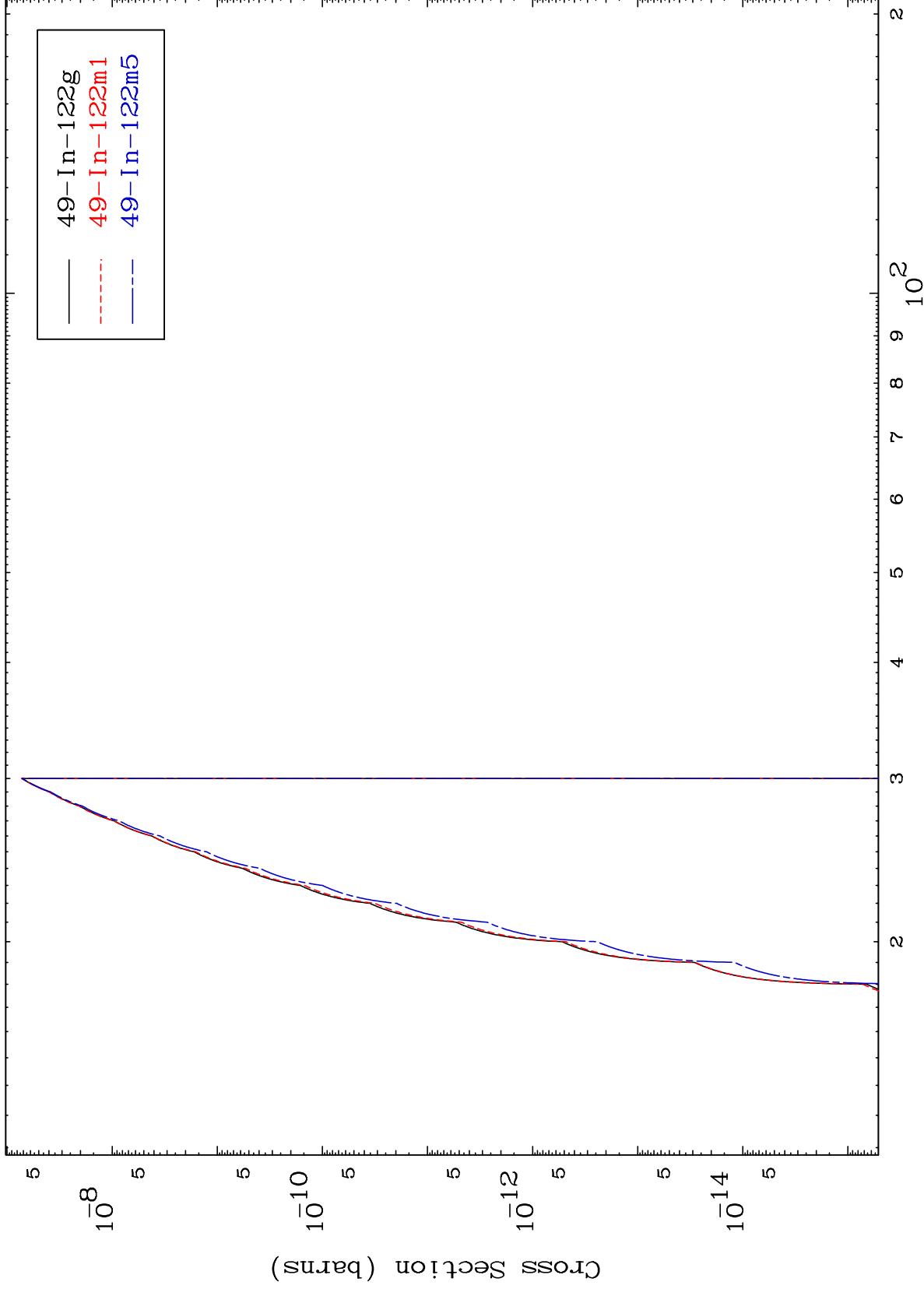
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

(n,2p)
Radionuclide Production Cross Section



150

Incident Energy (MeV)

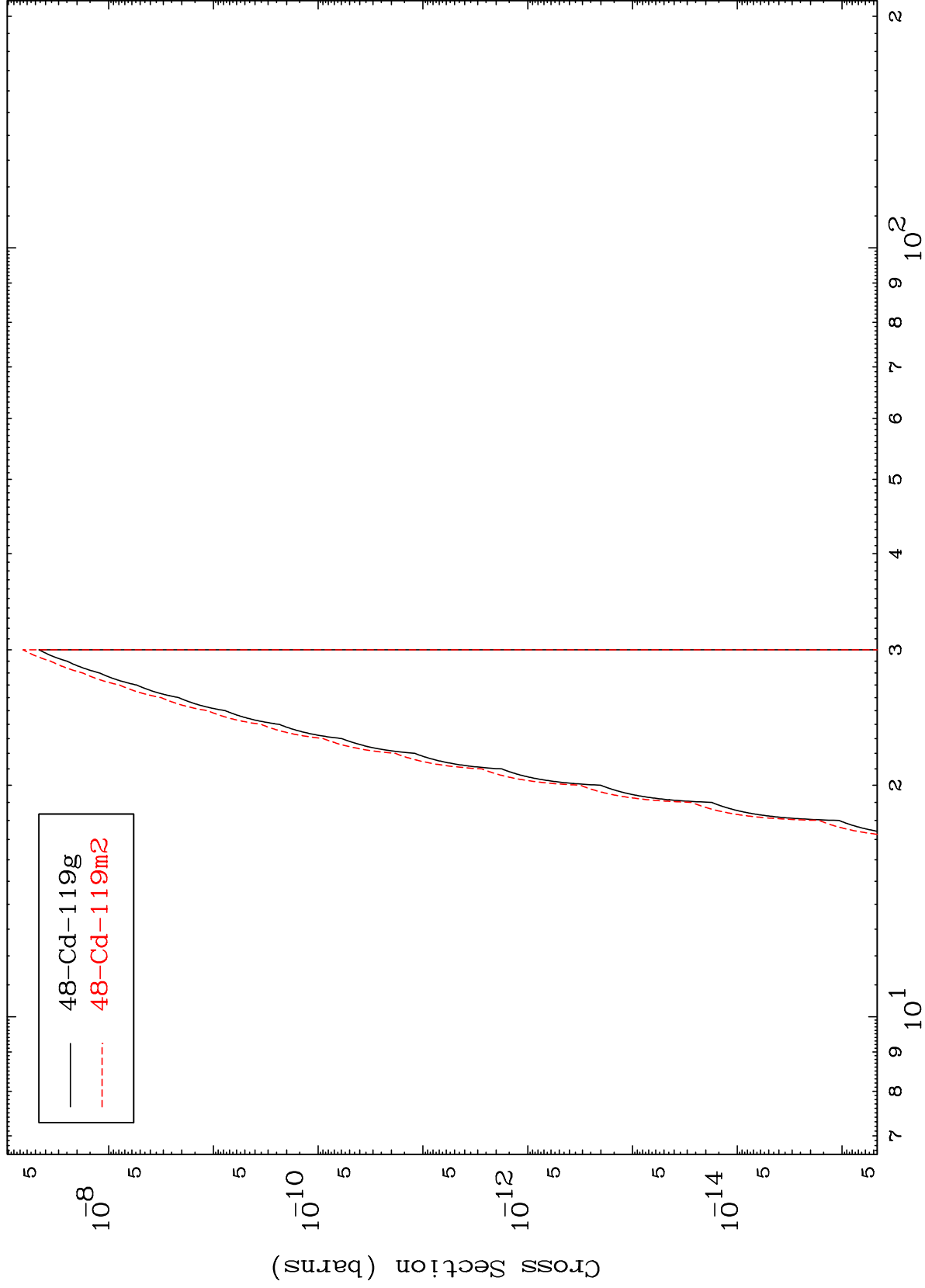
51-Sb-123

MAT 5131

(n,p) α

51-Sb-123

Radionuclide Production Cross Section

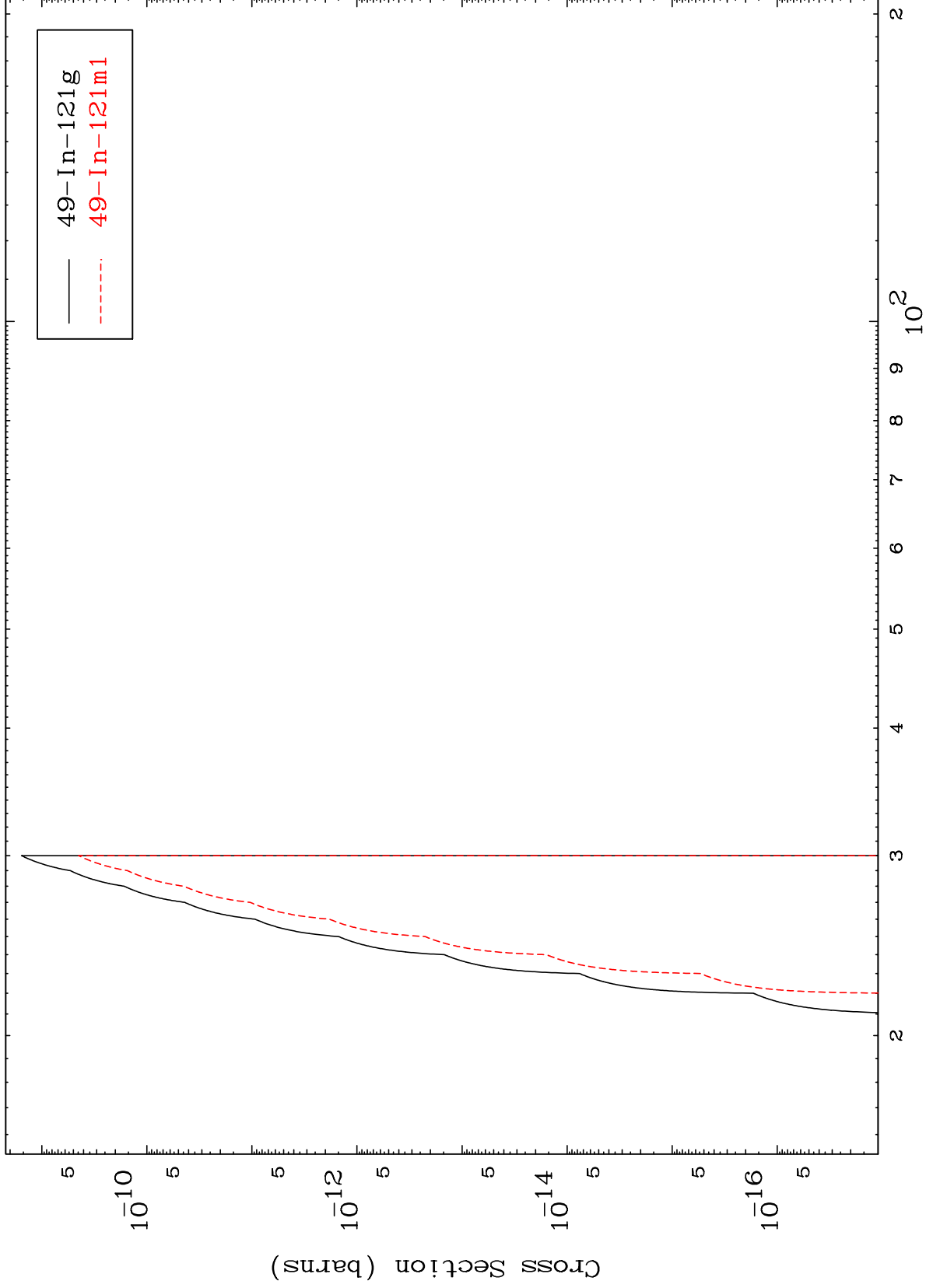


151

Incident Energy (MeV)

51-Sb-123

Radionuclide Production Cross Section



Radionuclide Production Cross Section

