

Program EVALPLOT
(Version 2021-1)

by

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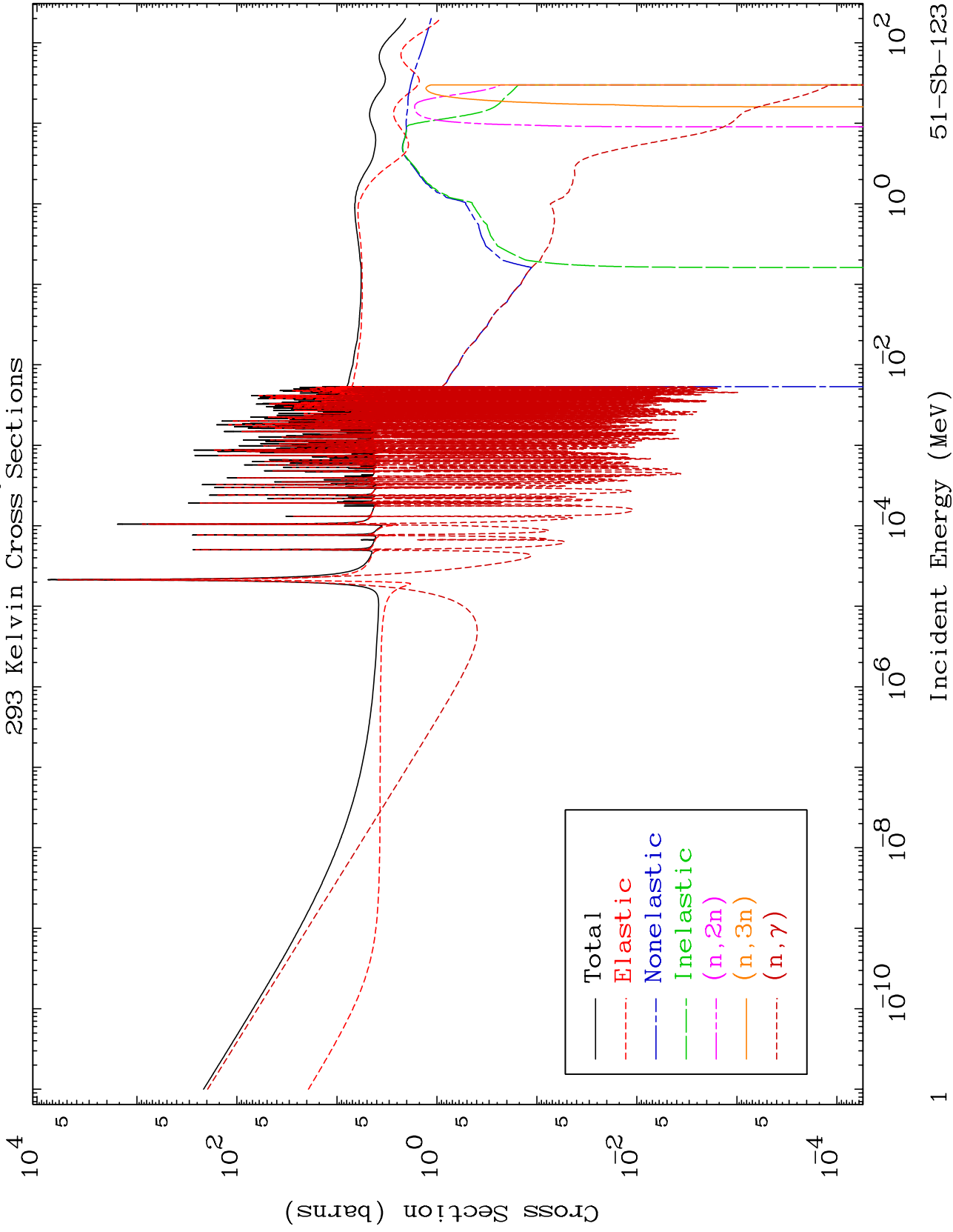
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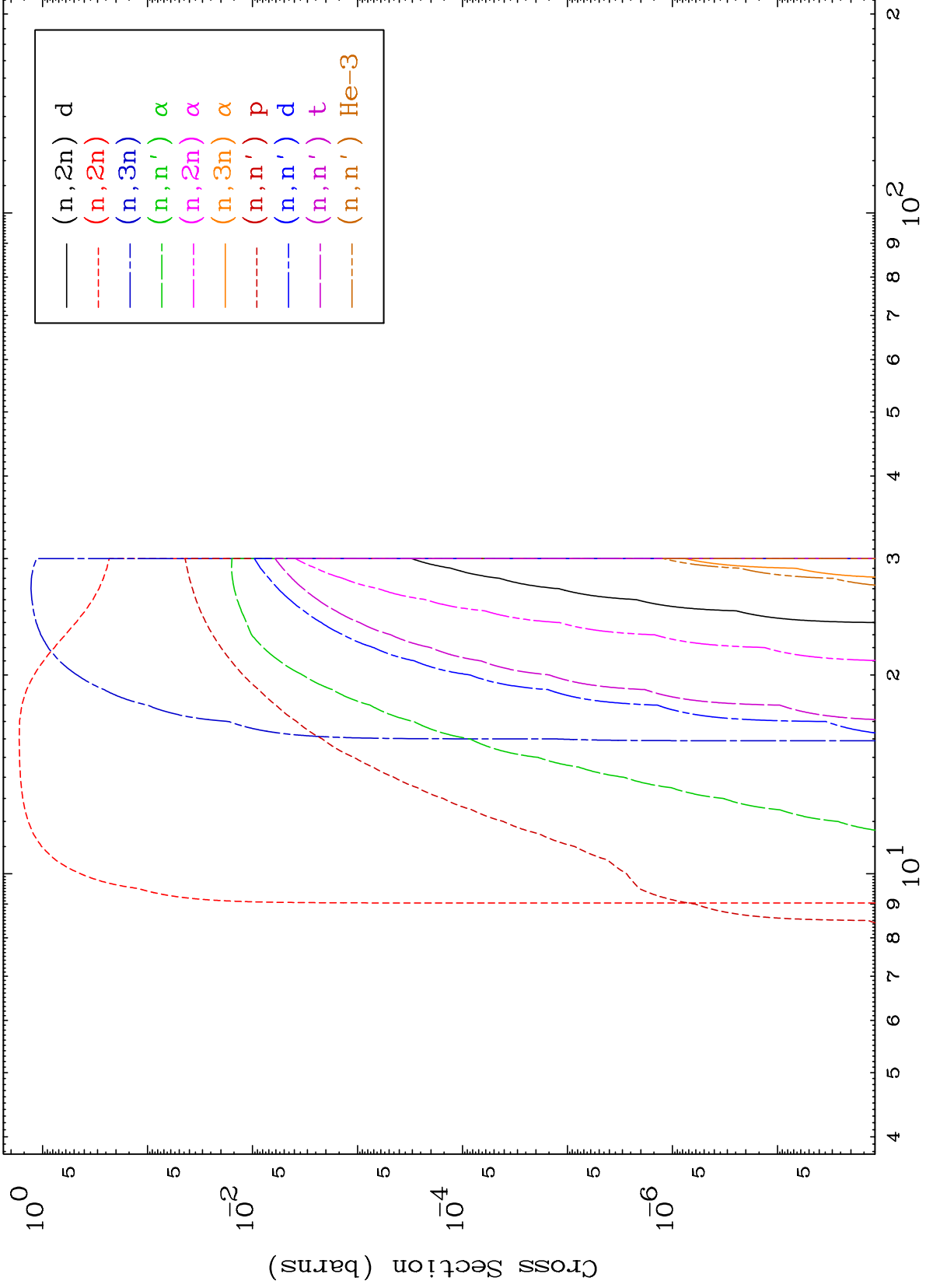
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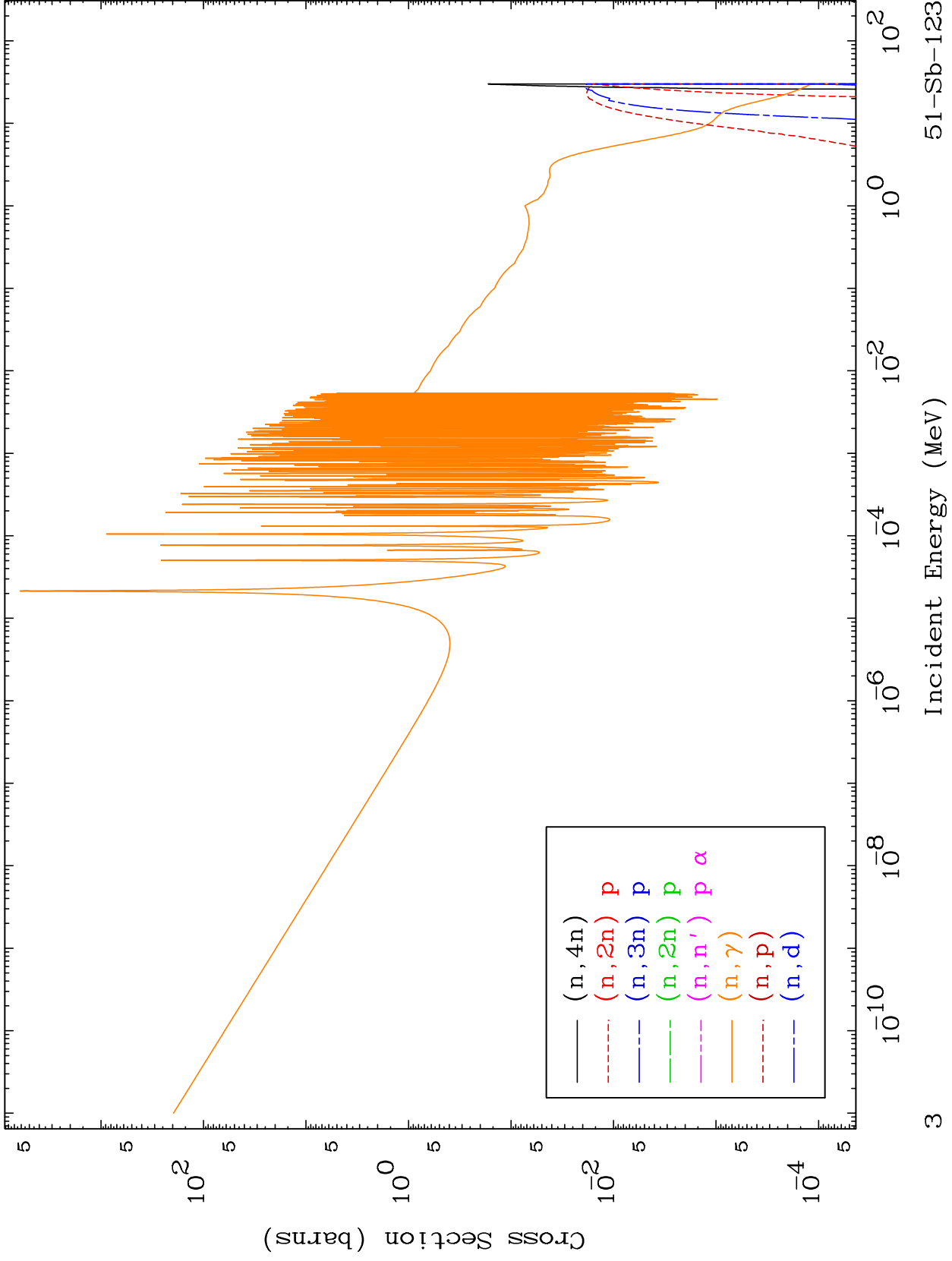
MAT 5131

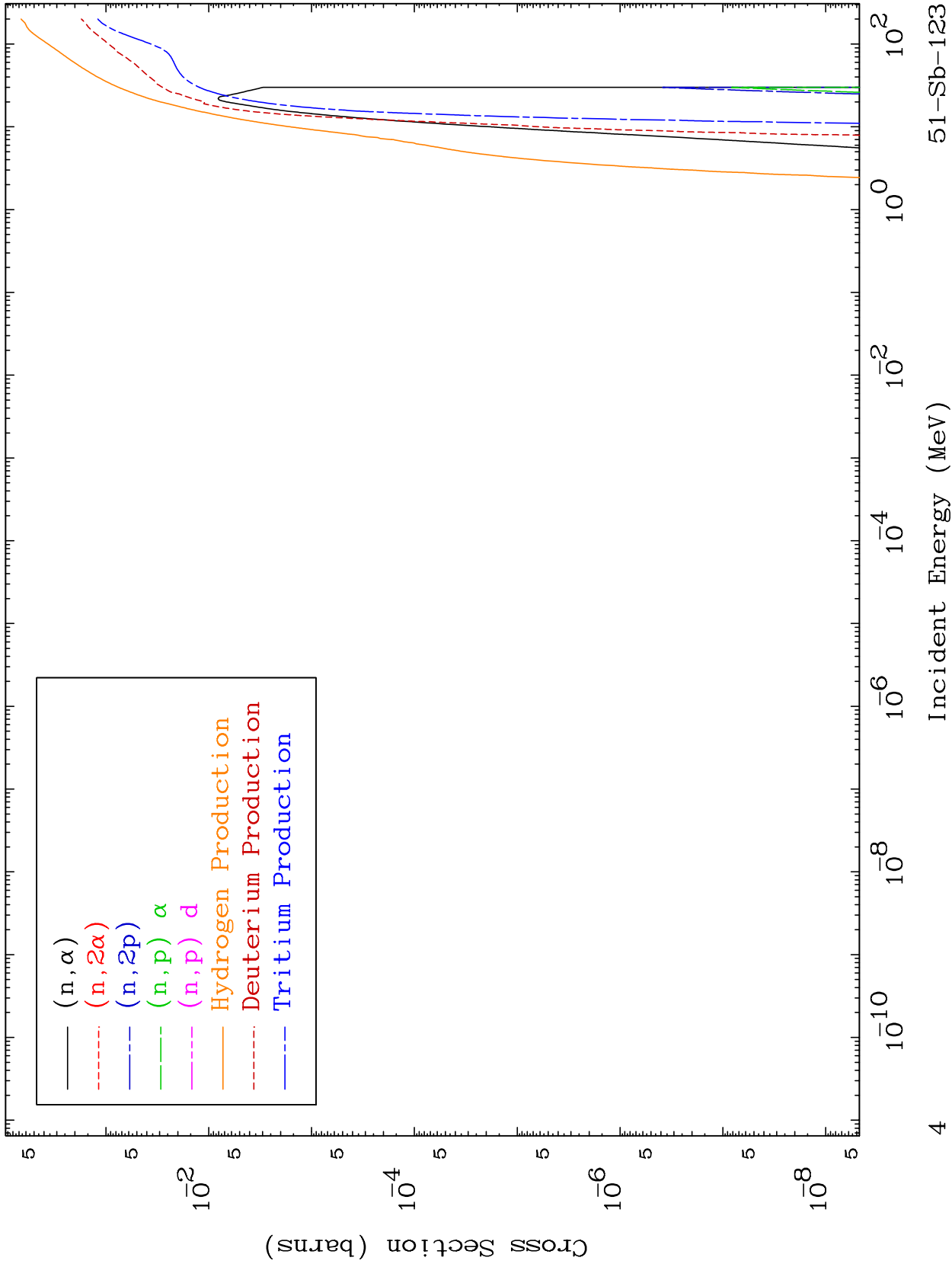
Neutron Major
293 Kelvin Cross Sections

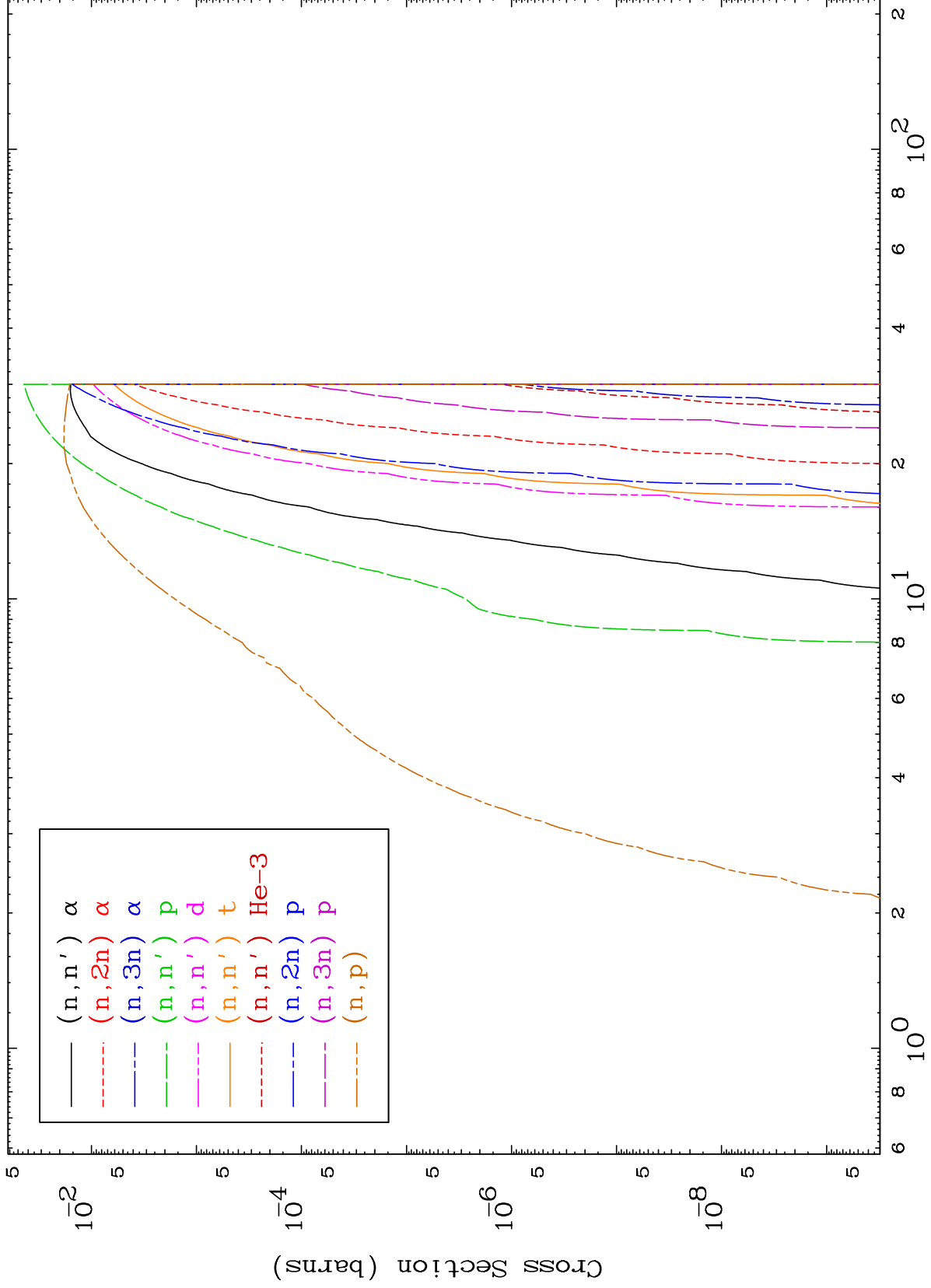
51-Sb-123







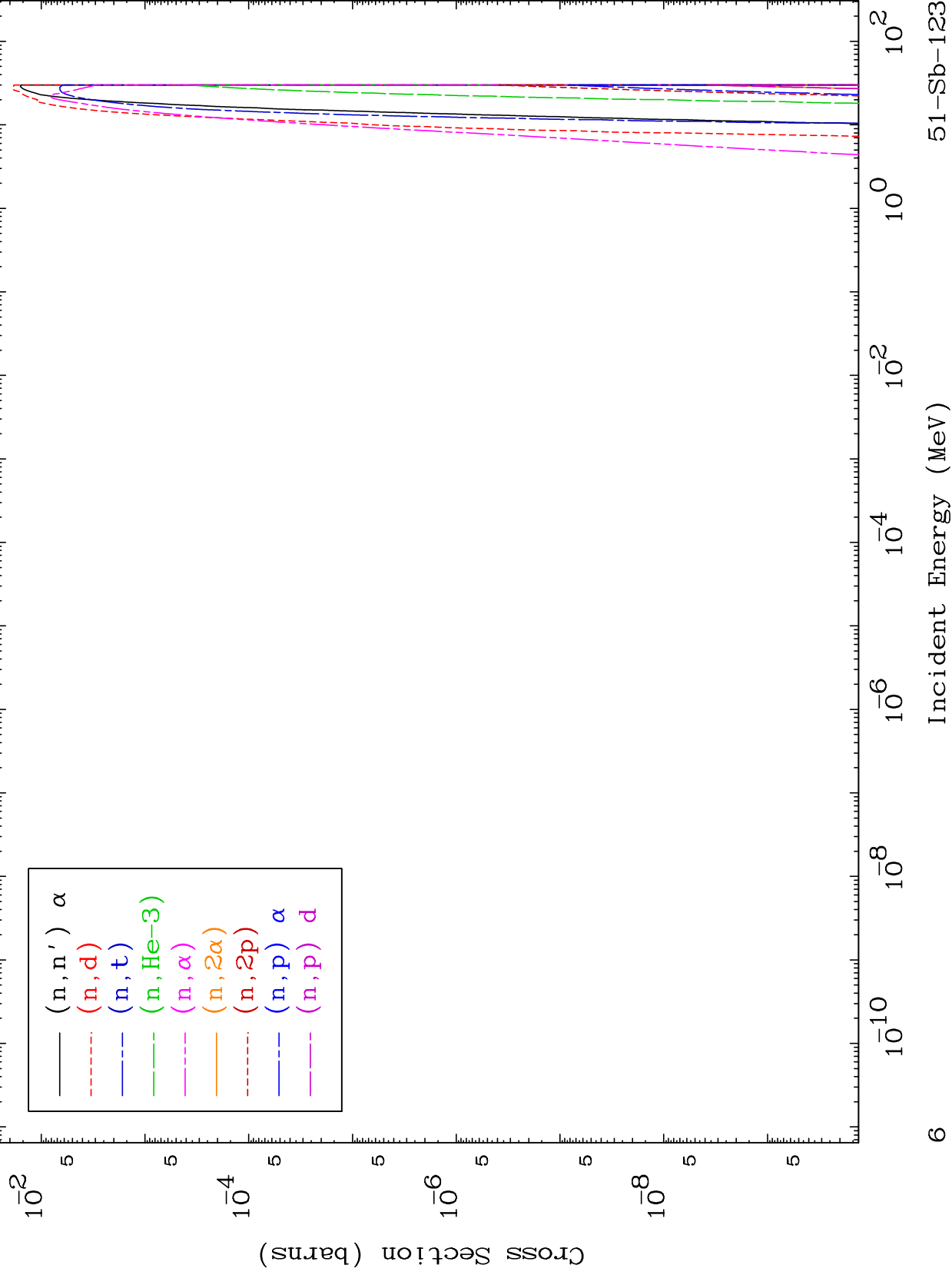


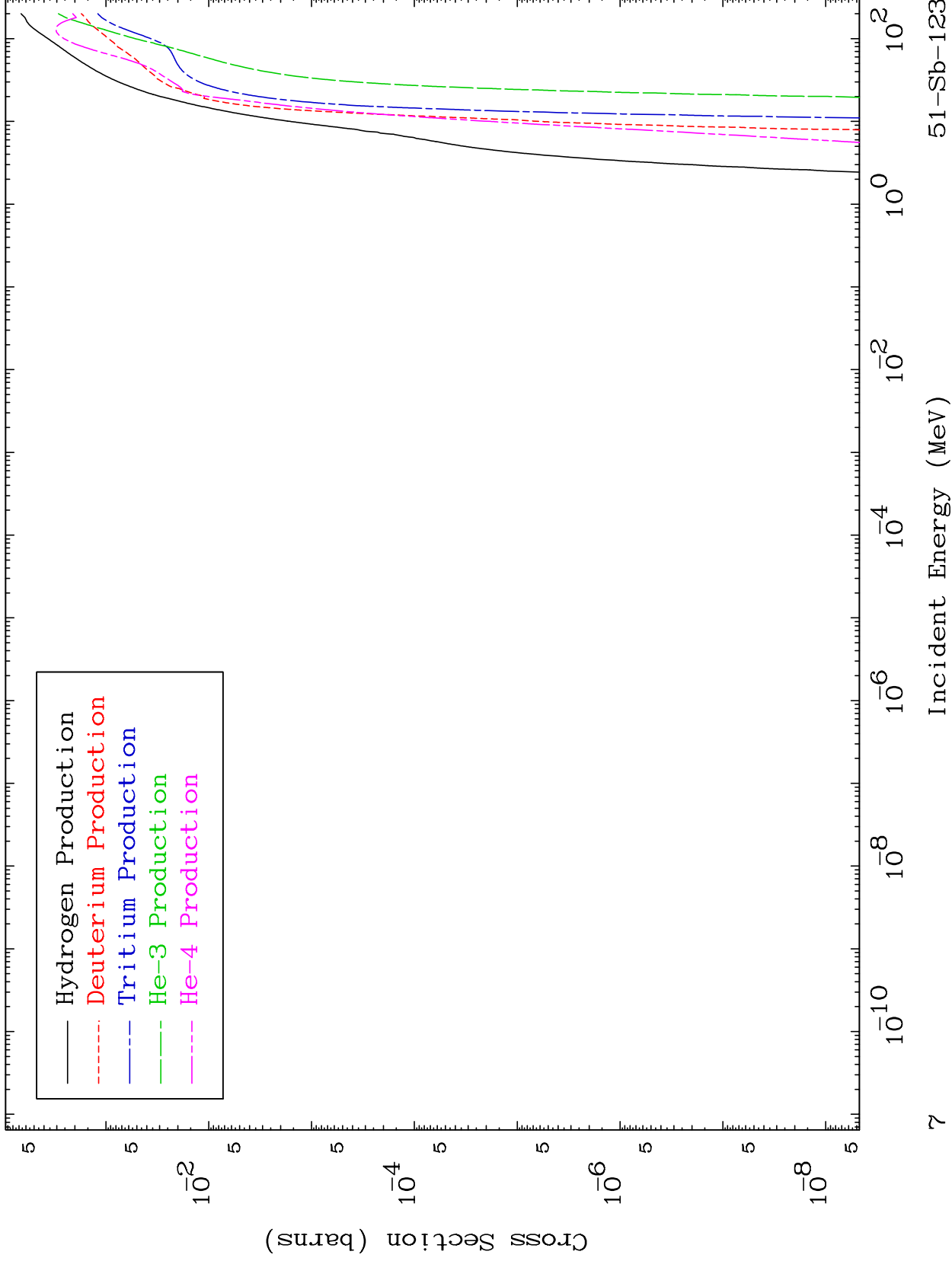


MAT 5131

Charged Particle
293 Kelvin Cross Sections

51-Sb-123



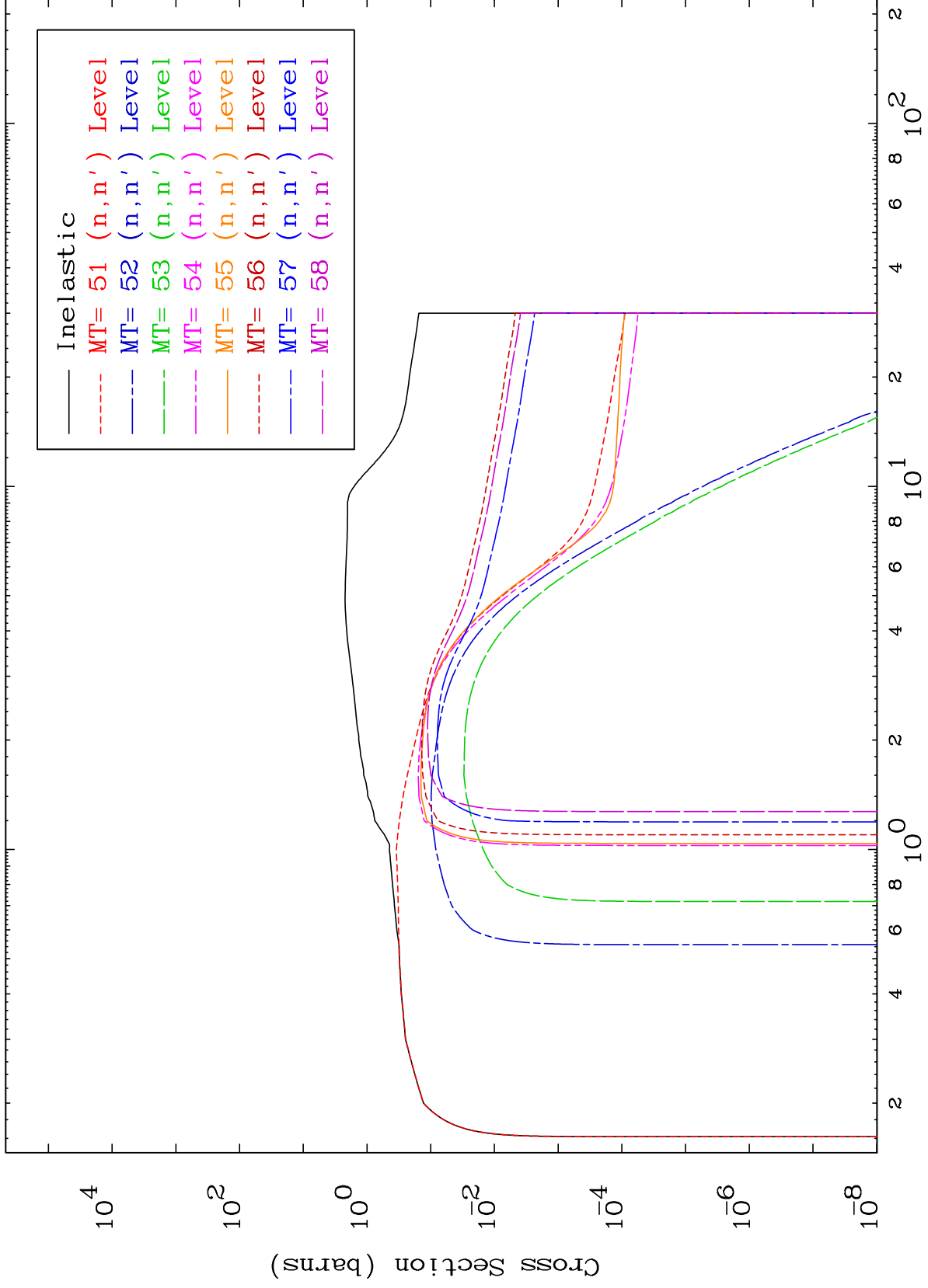


MAT 5131

(n,n') Levels

293 Kelvin Cross Sections

51-Sb-123

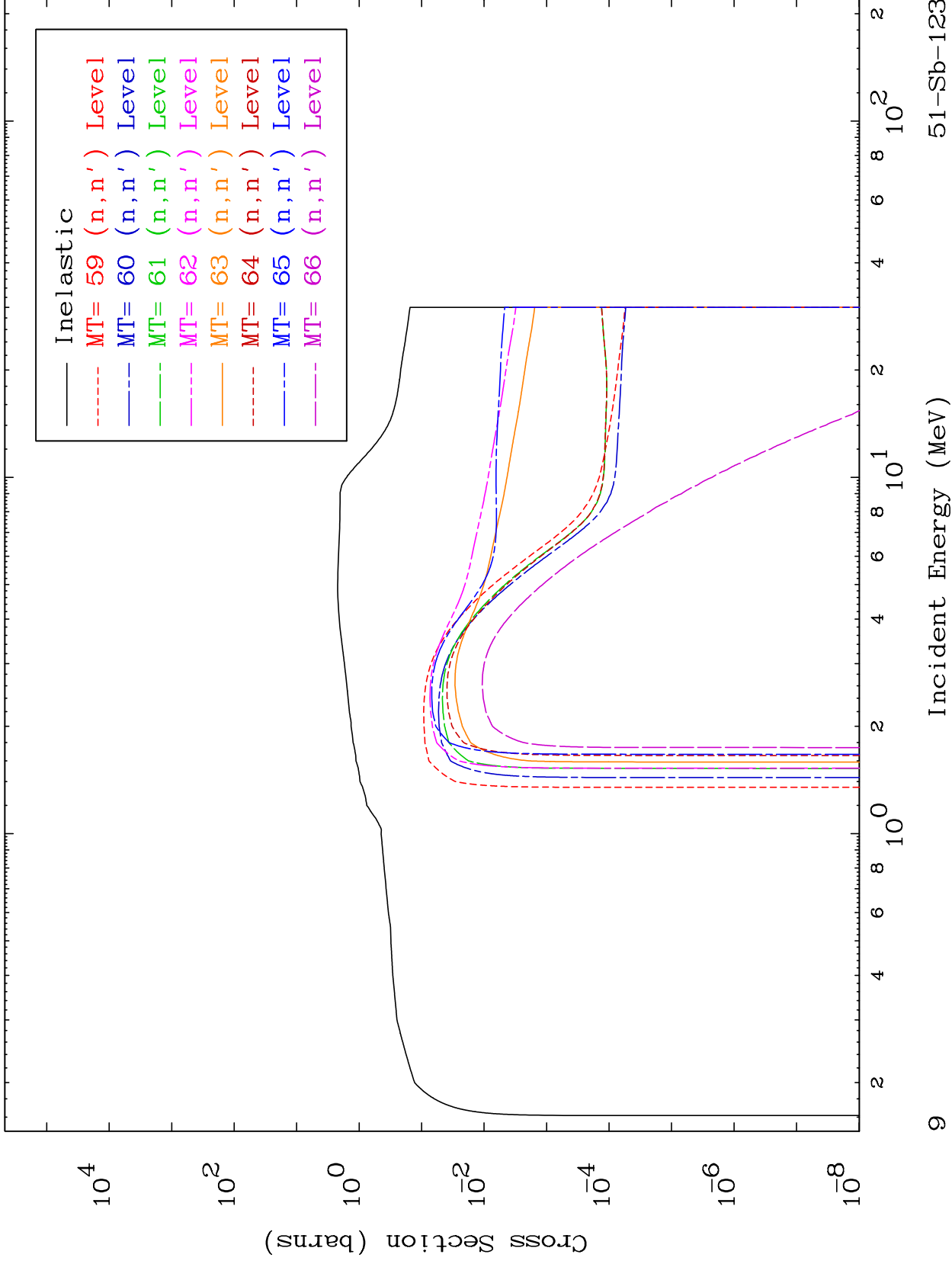


8

Incident Energy (MeV)

51-Sb-123

293 Kelvin Cross Sections

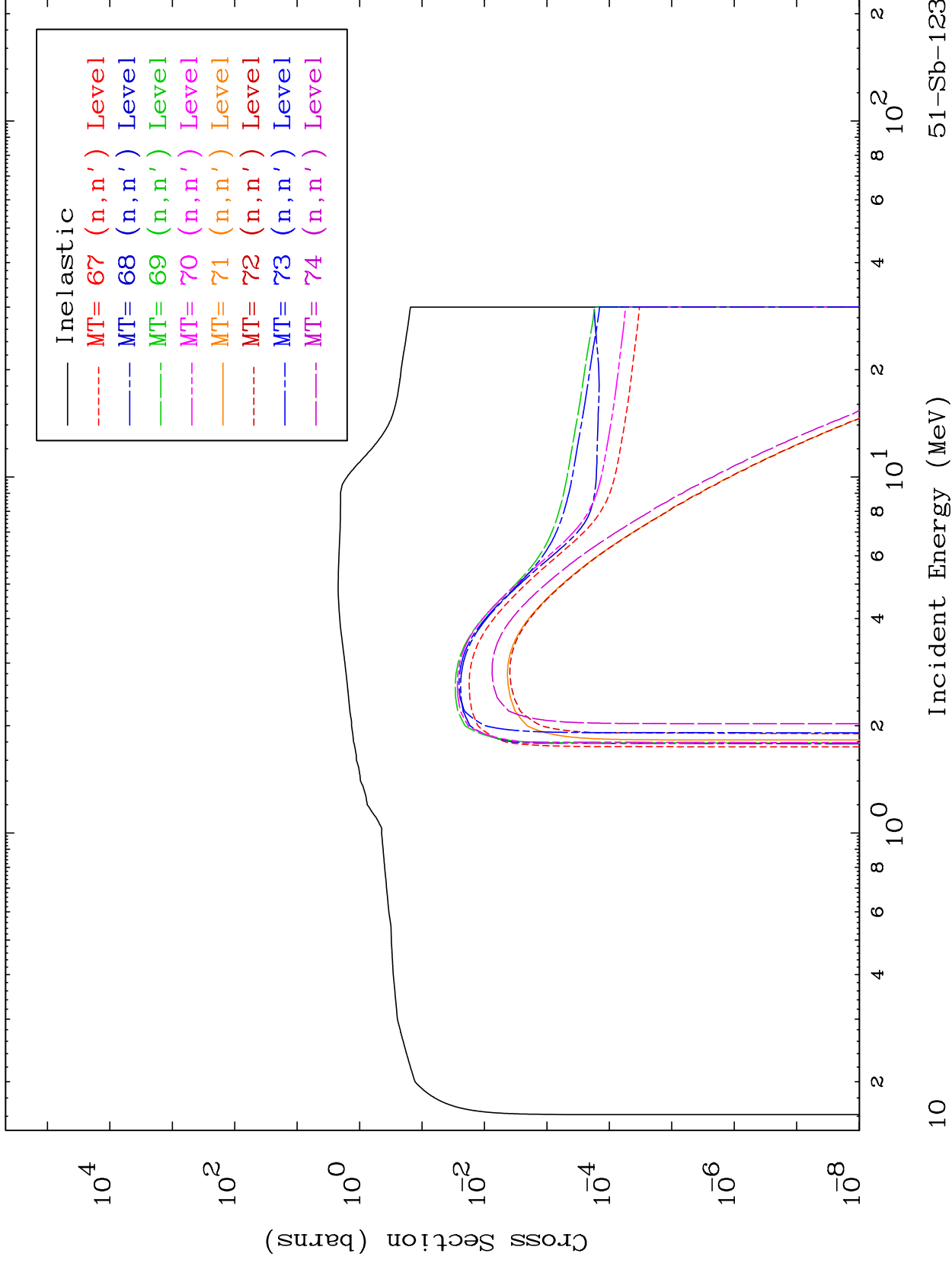


MAT 5131

(n,n') Levels

51-Sb-123

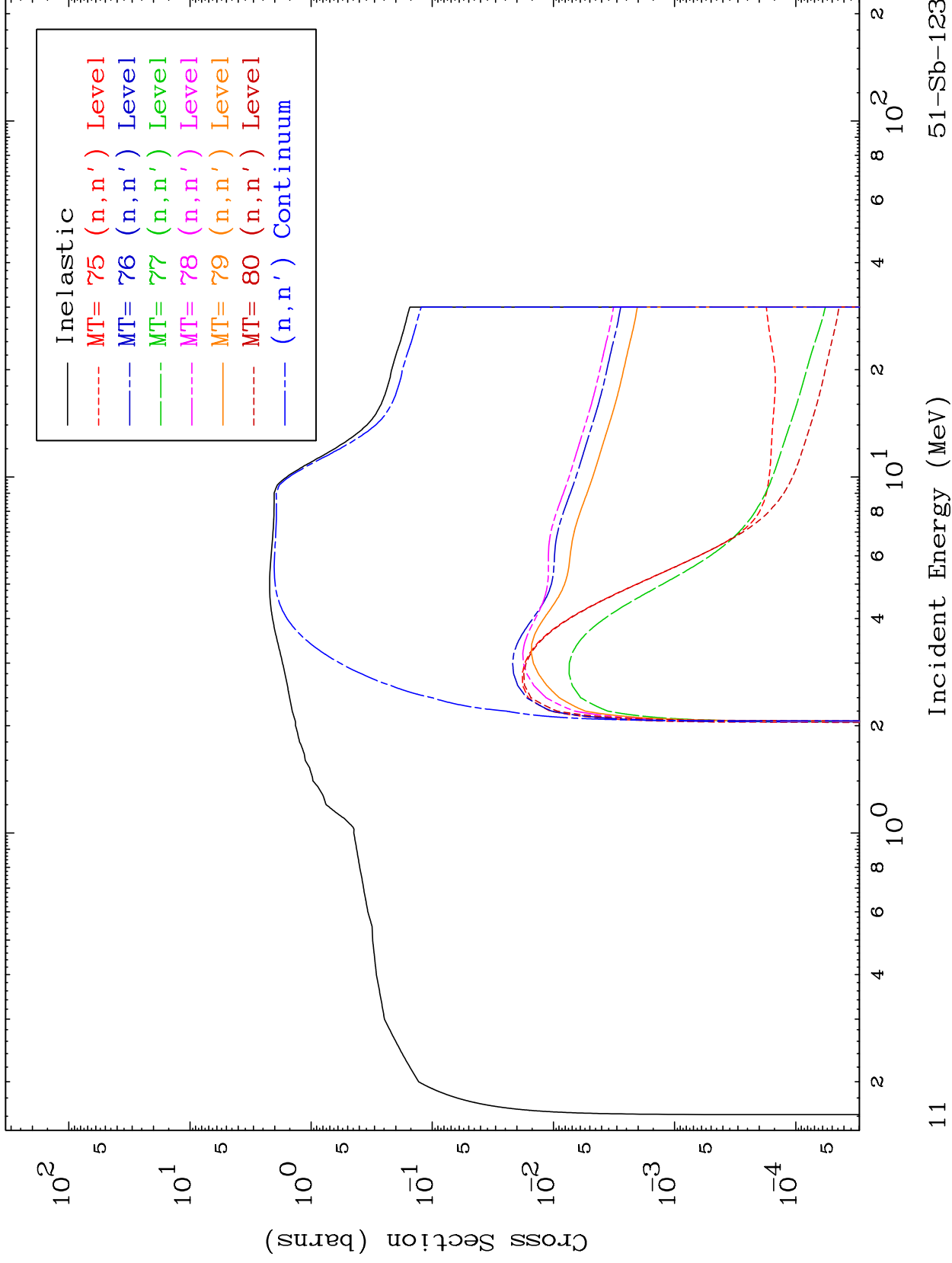
293 Kelvin Cross Sections



10

Incident Energy (MeV)

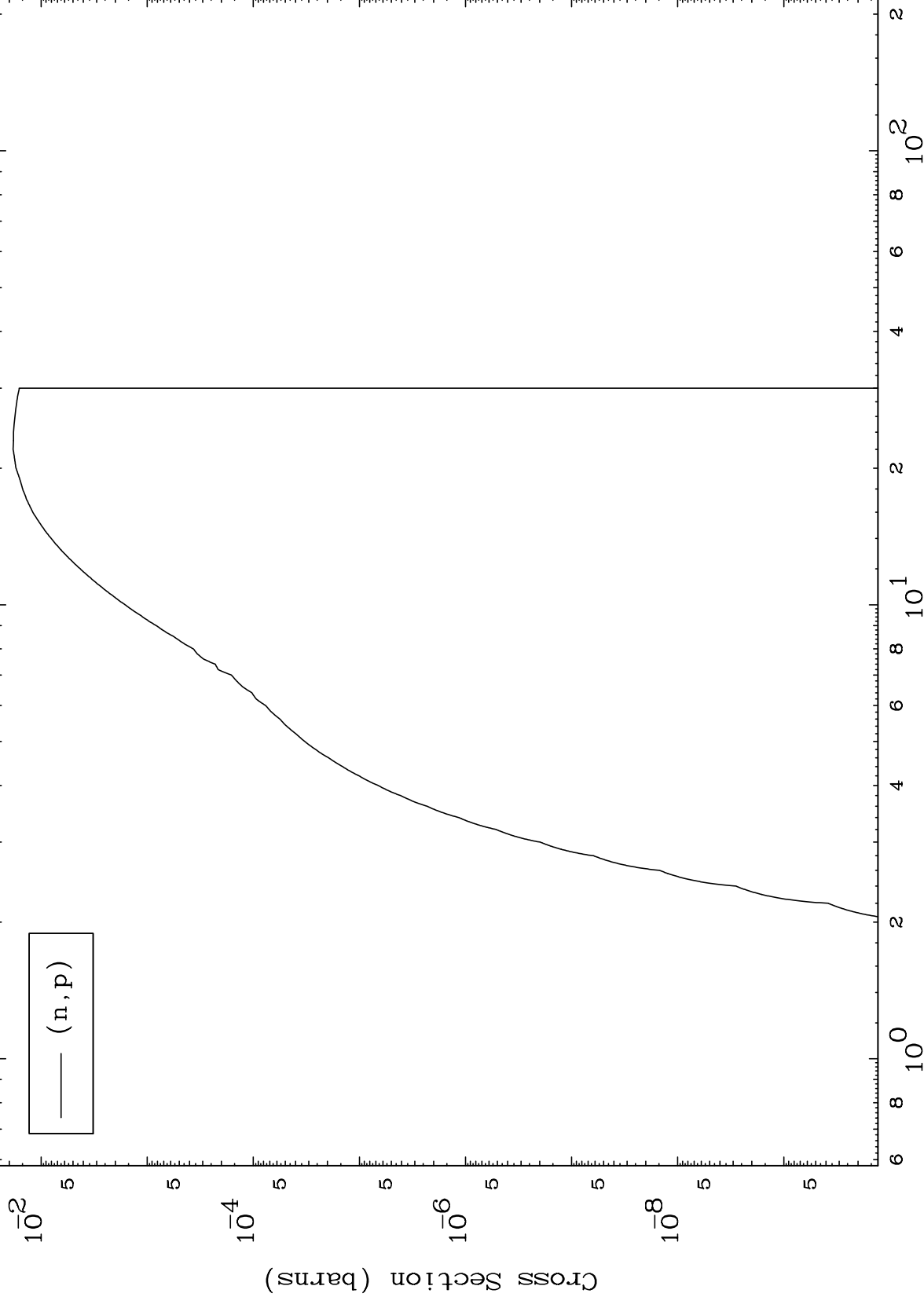
51-Sb-123



MAT 5131

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-123



12

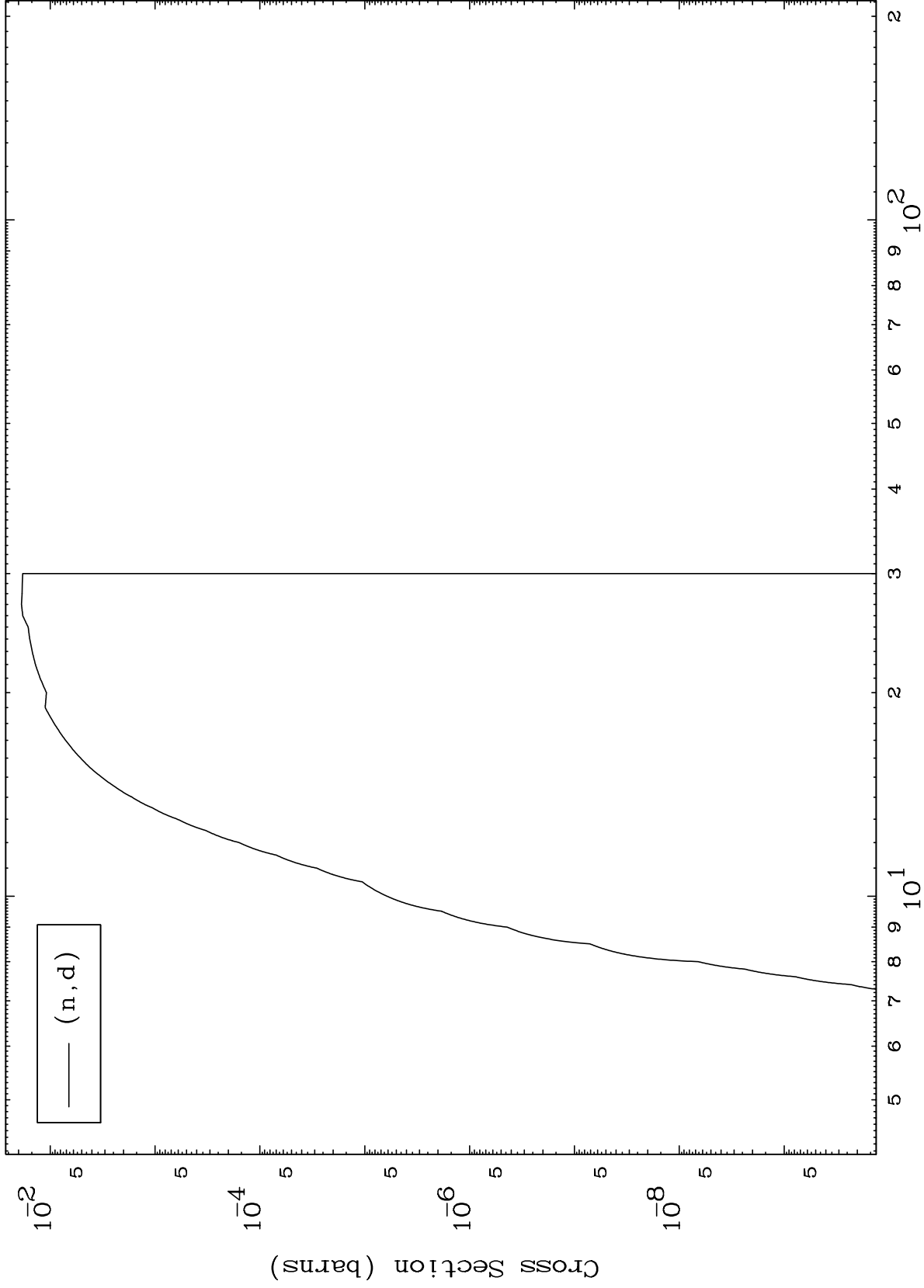
Incident Energy (MeV)

51-Sb-123

MAT 5131

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-123



13

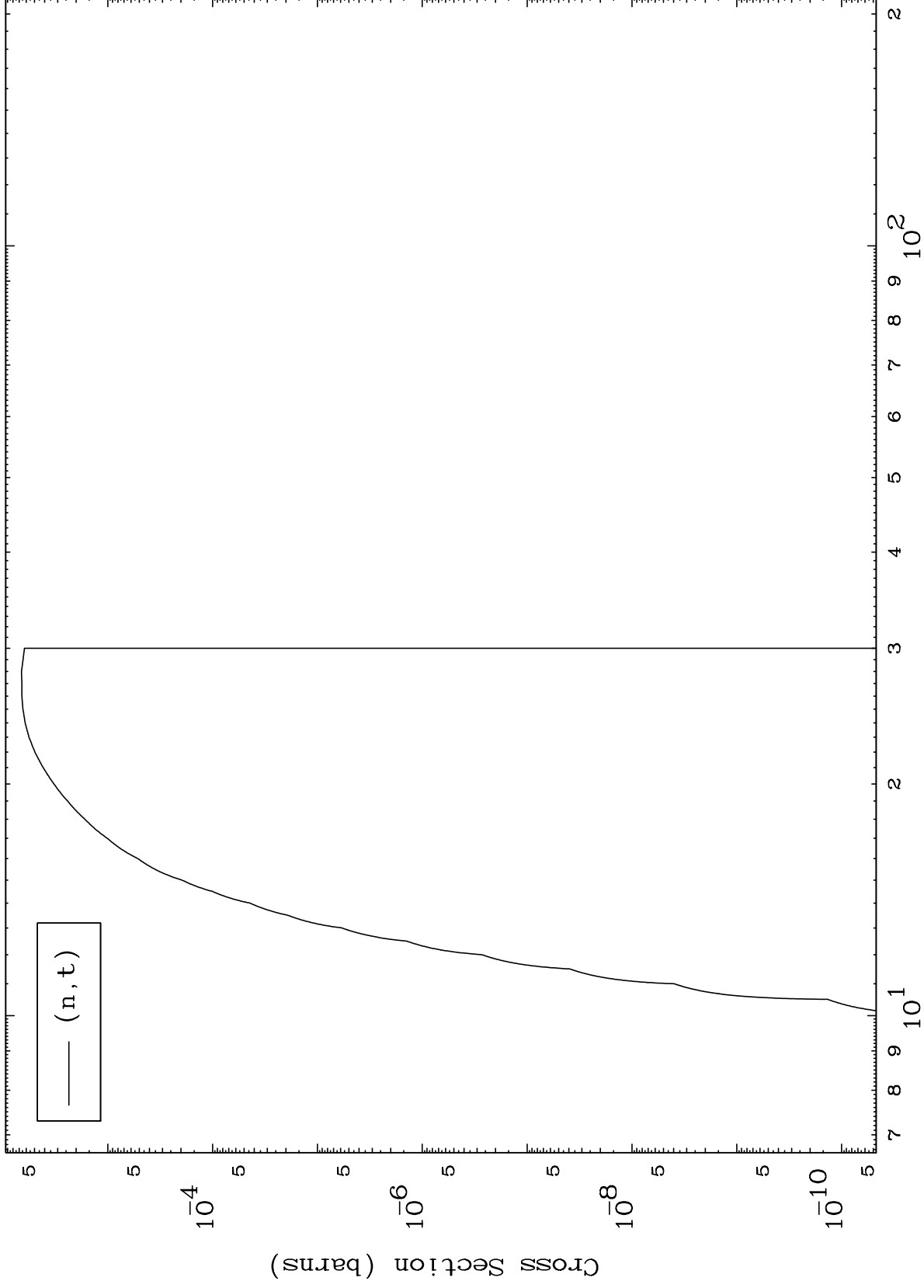
Incident Energy (MeV)

51-Sb-123

MAT 5131

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-123



14

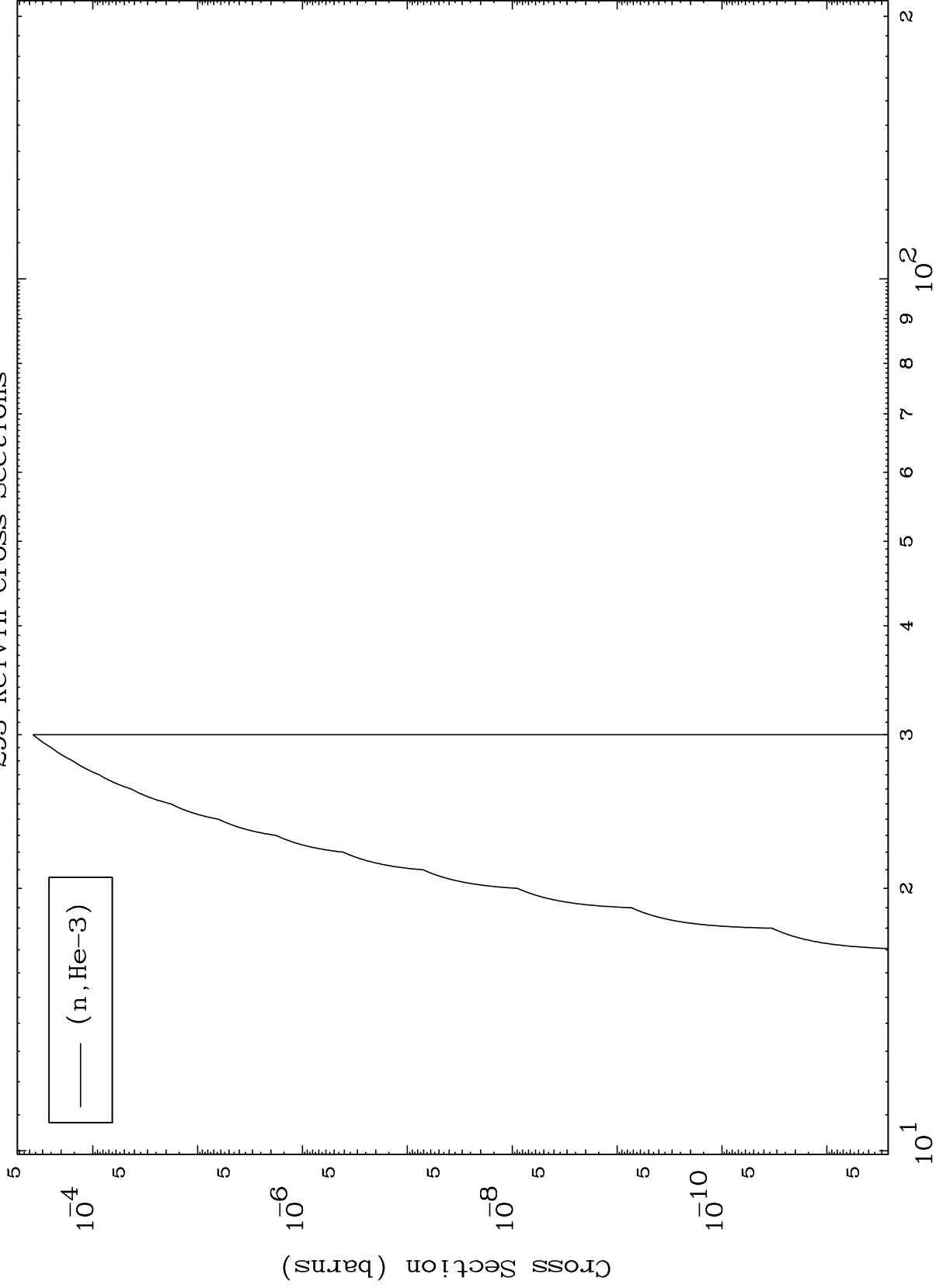
Incident Energy (MeV)

51-Sb-123

MAT 5131

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-123



Incident Energy (MeV)

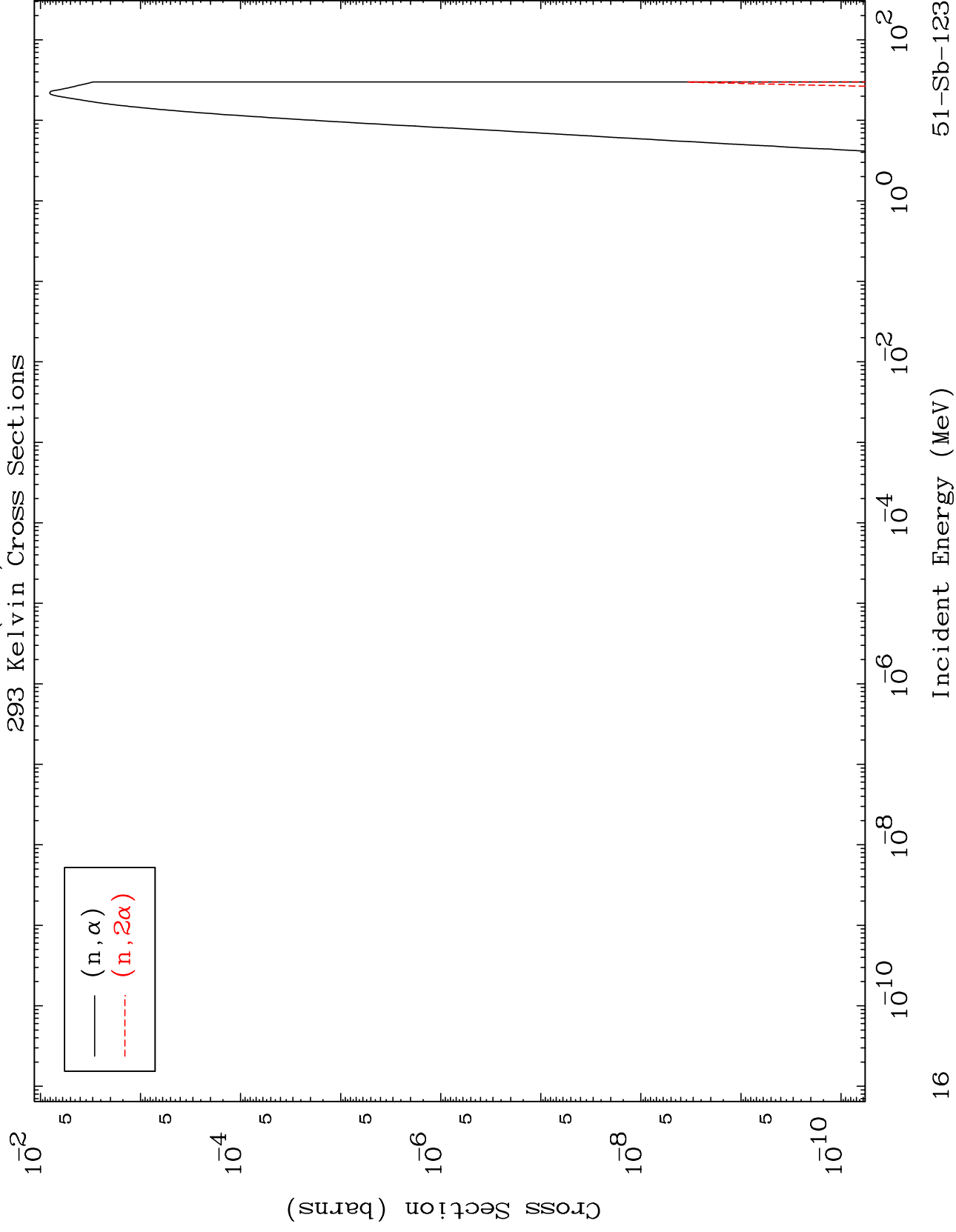
51-Sb-123

15

MAT 5131

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-123

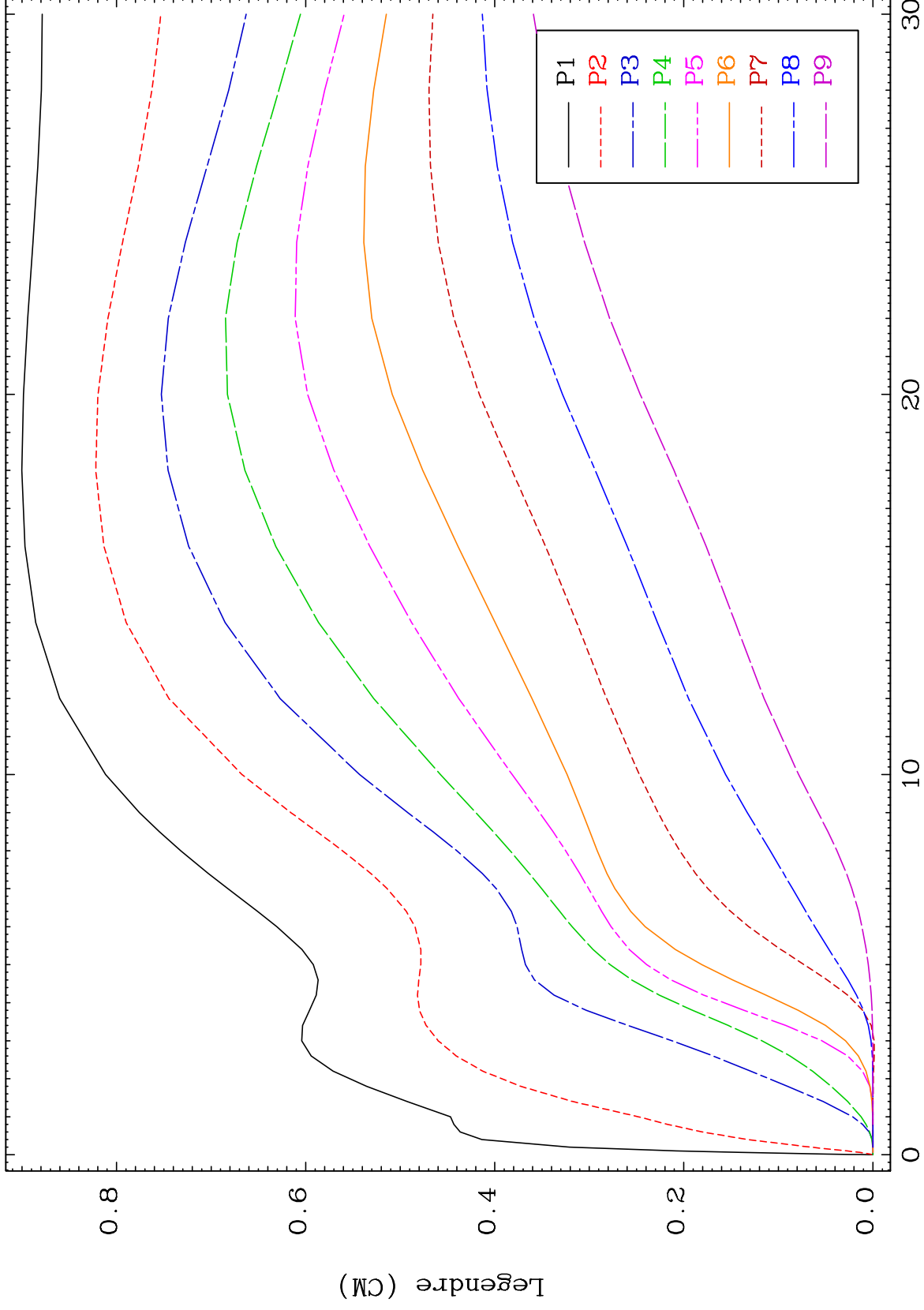


16

MAT 5131

Elastic Legendre Coefficients

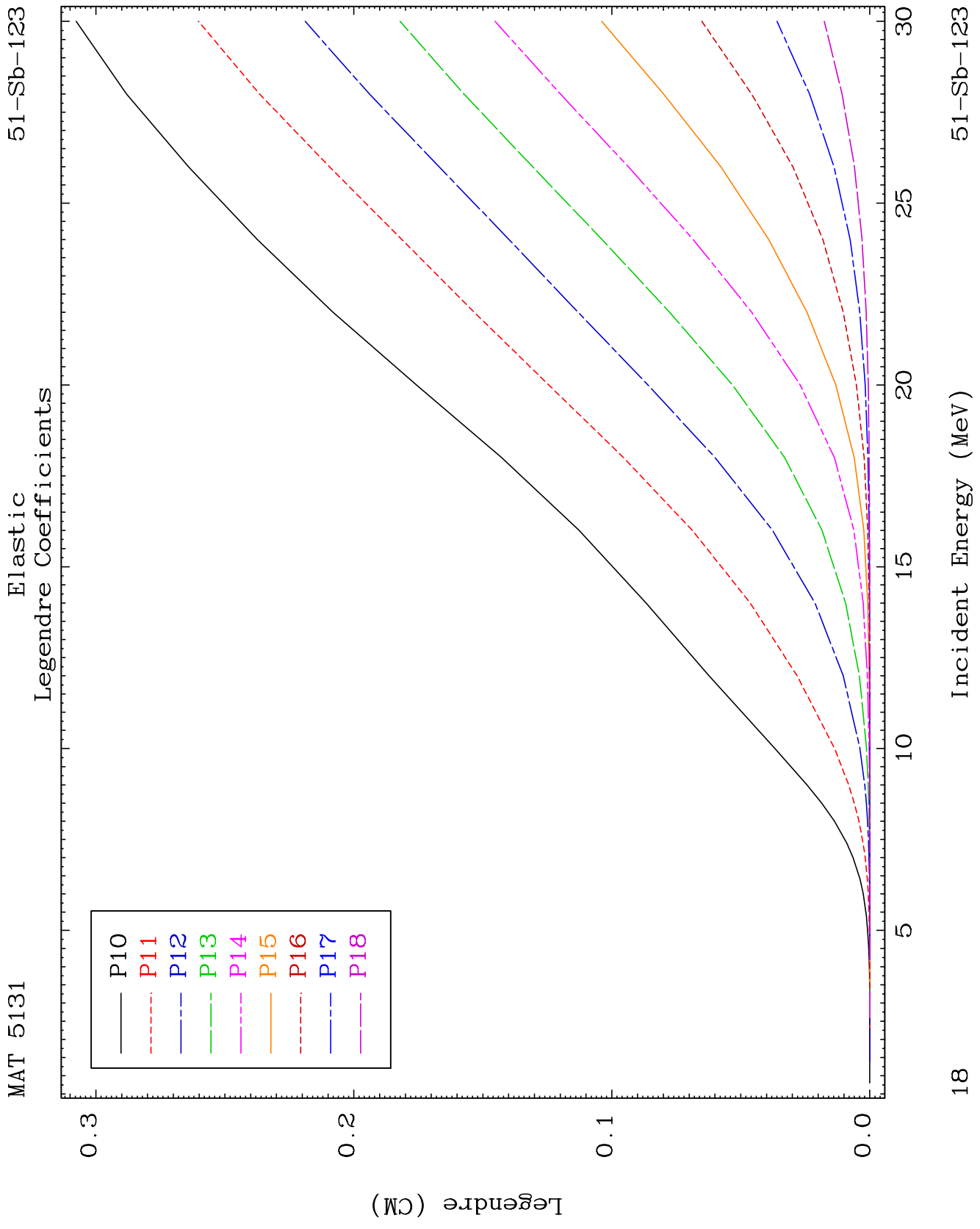
51-Sb-123



17

Incident Energy (MeV)

51-Sb-123



MAT 5131

Elastic Legendre Coefficients

51-Sb-123

18

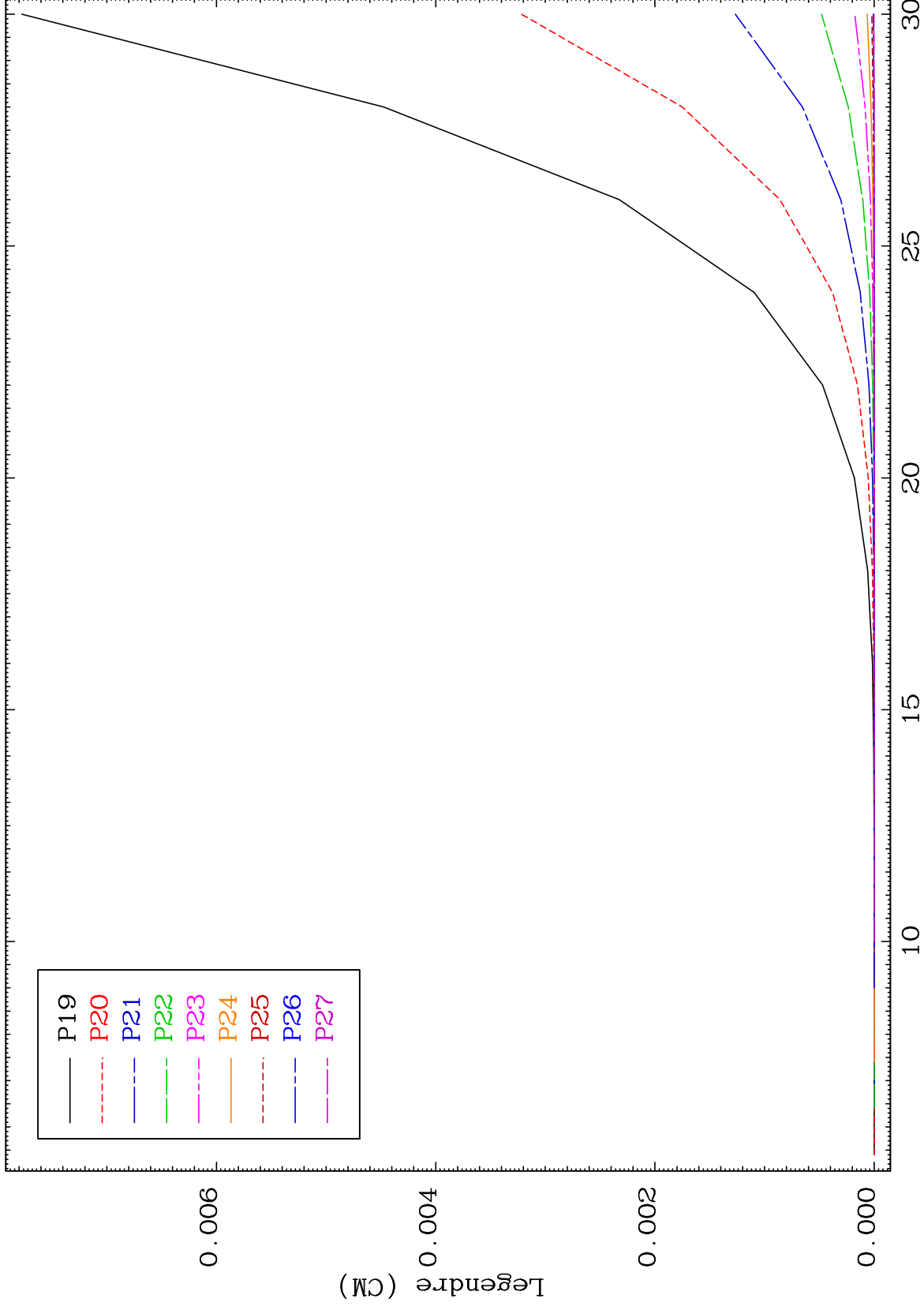
Incident Energy (MeV)

51-Sb-123

MAT 5131

Elastic
Legendre Coefficients

51-Sb-123



19

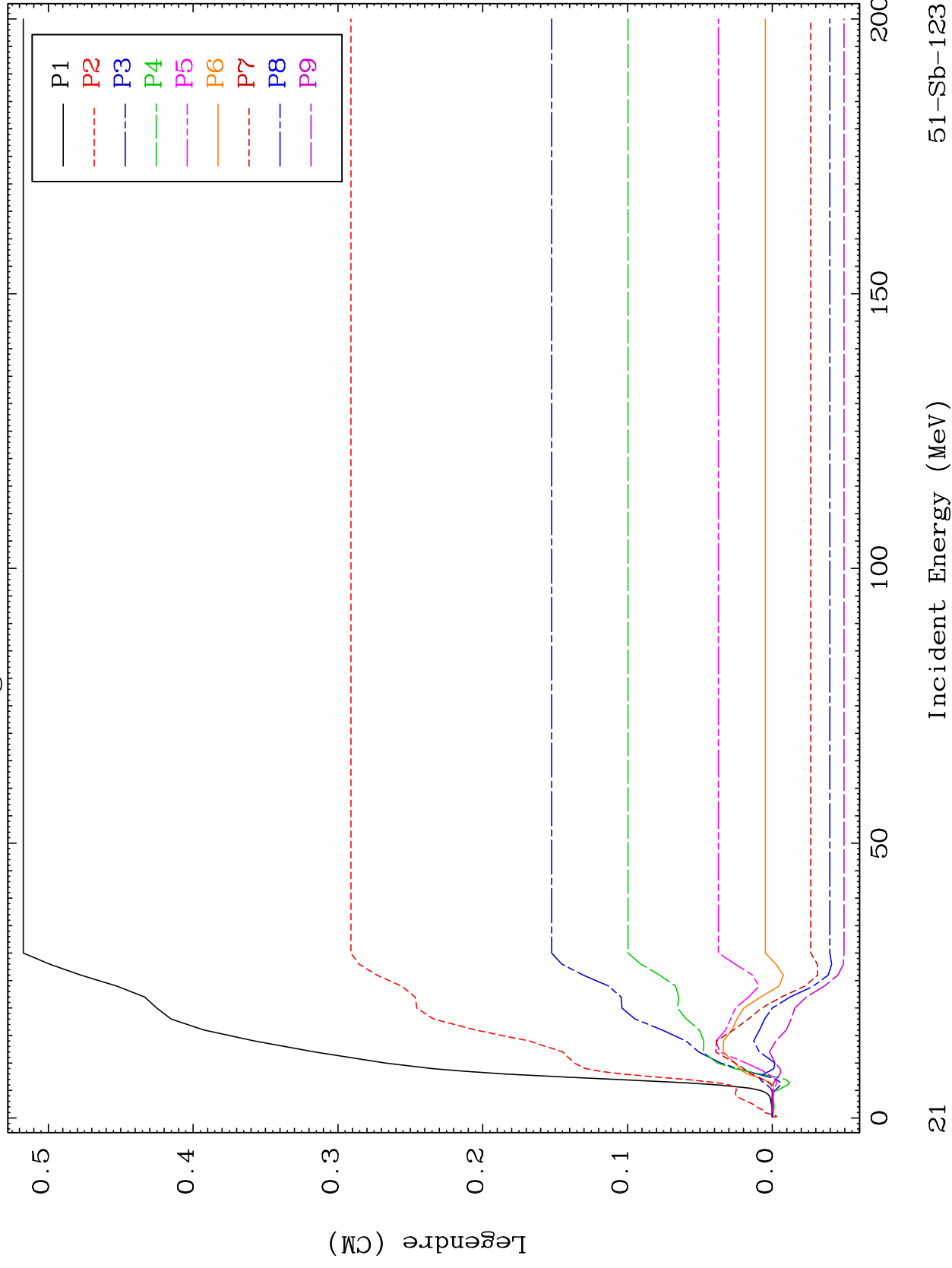
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

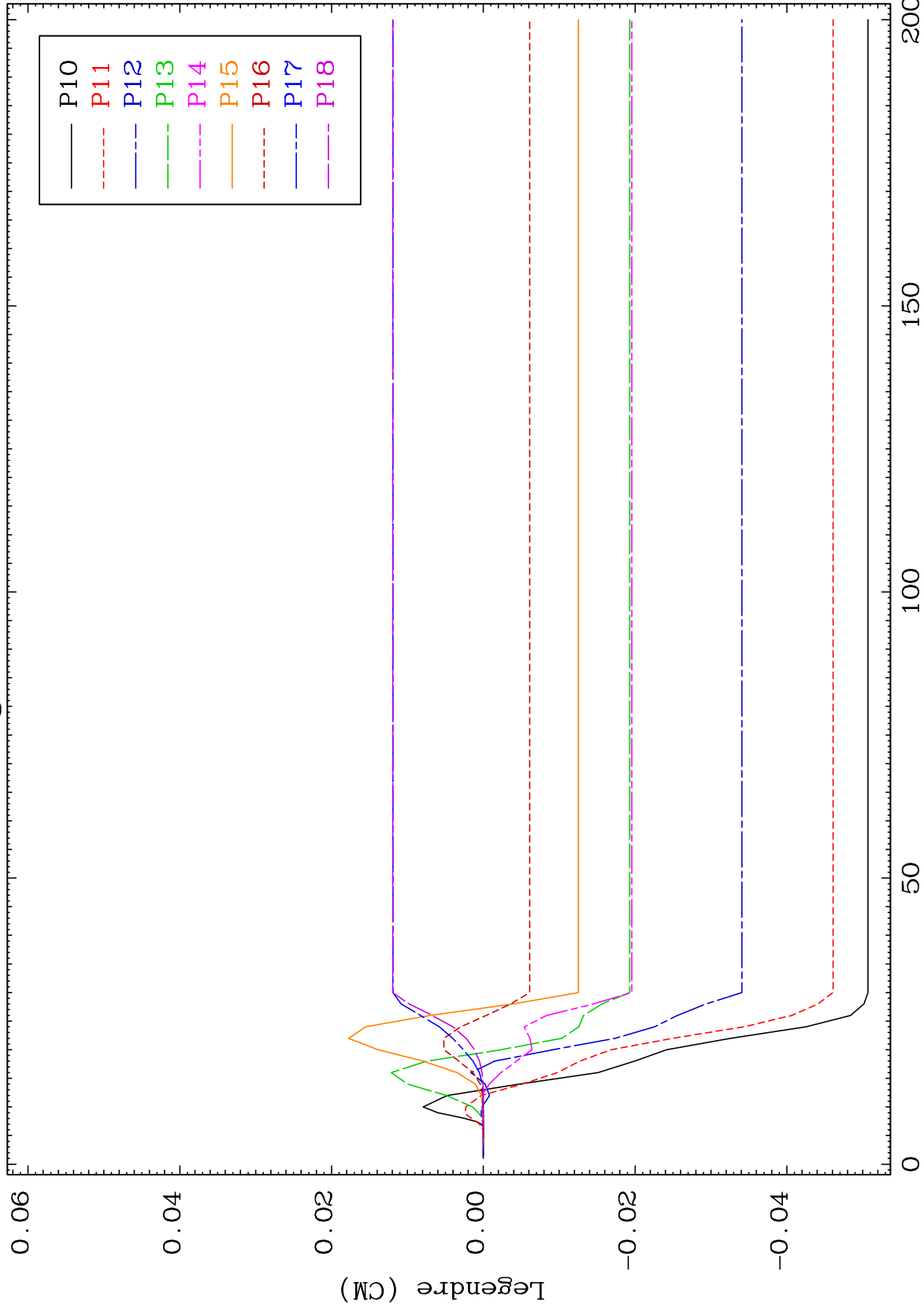
Incident Energy (MeV)

21

MAT 5131

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

51-Sb-123



22

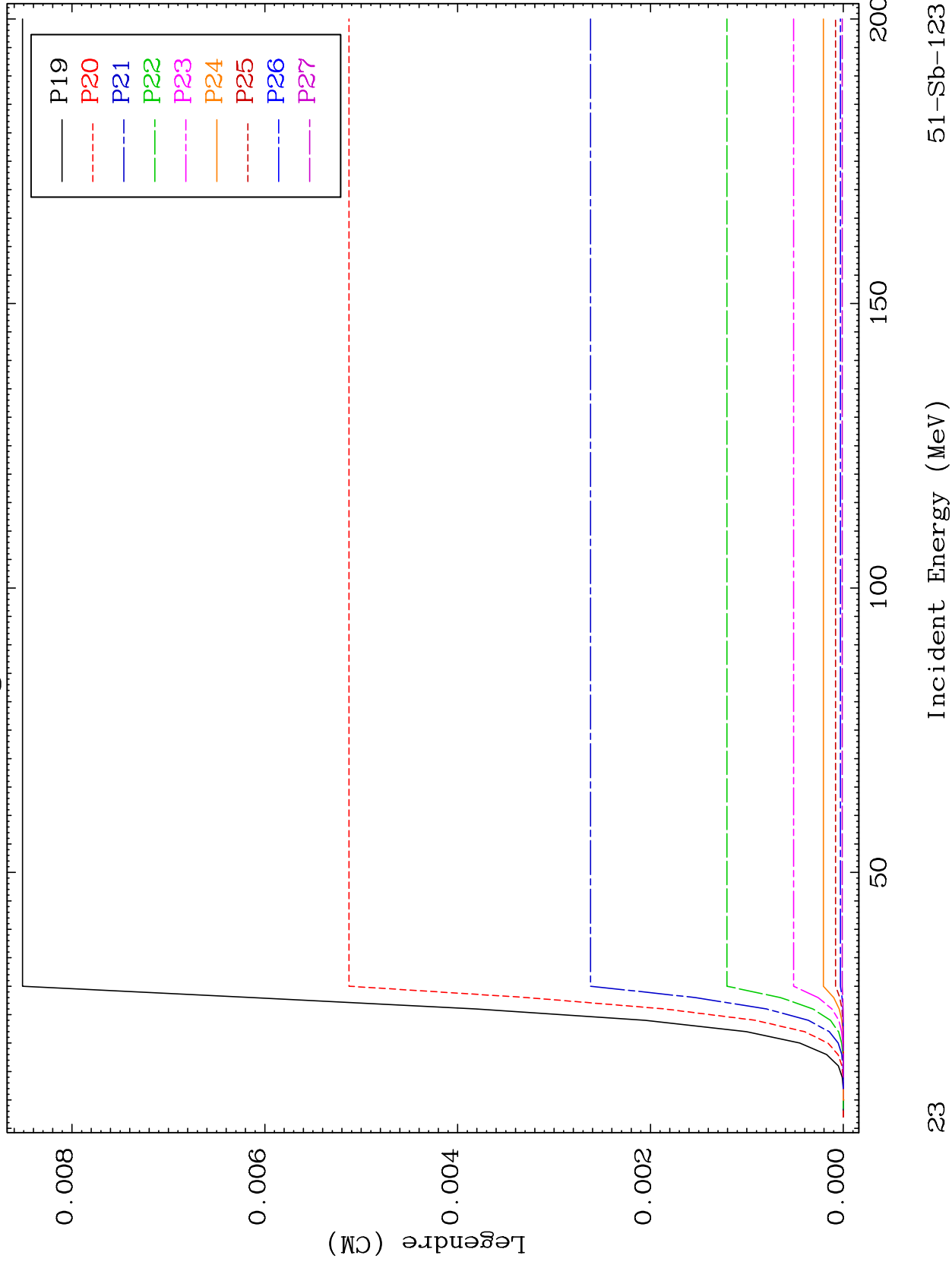
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



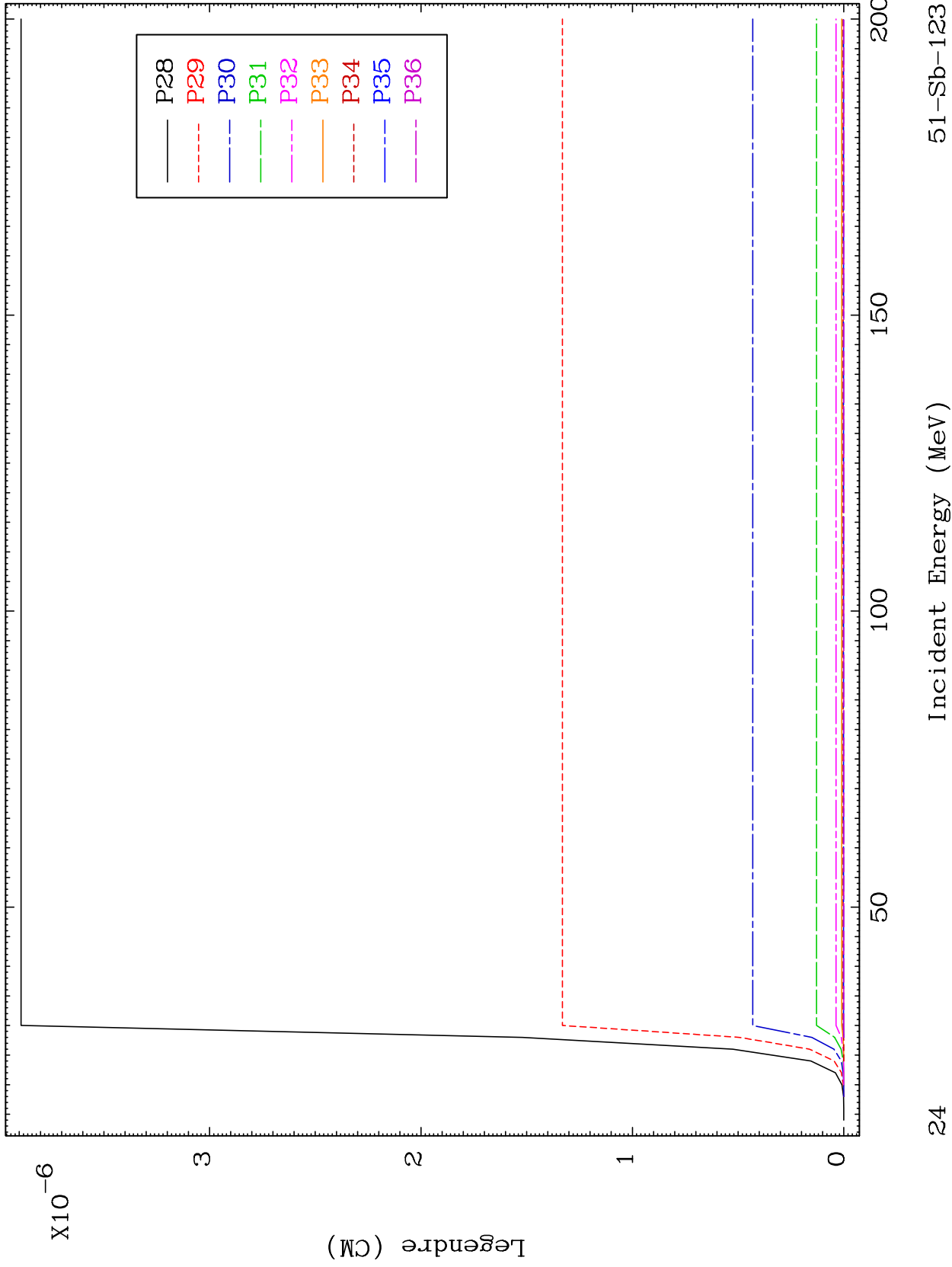
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51-Sb-123

MAT 5131

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

51-Sb-123

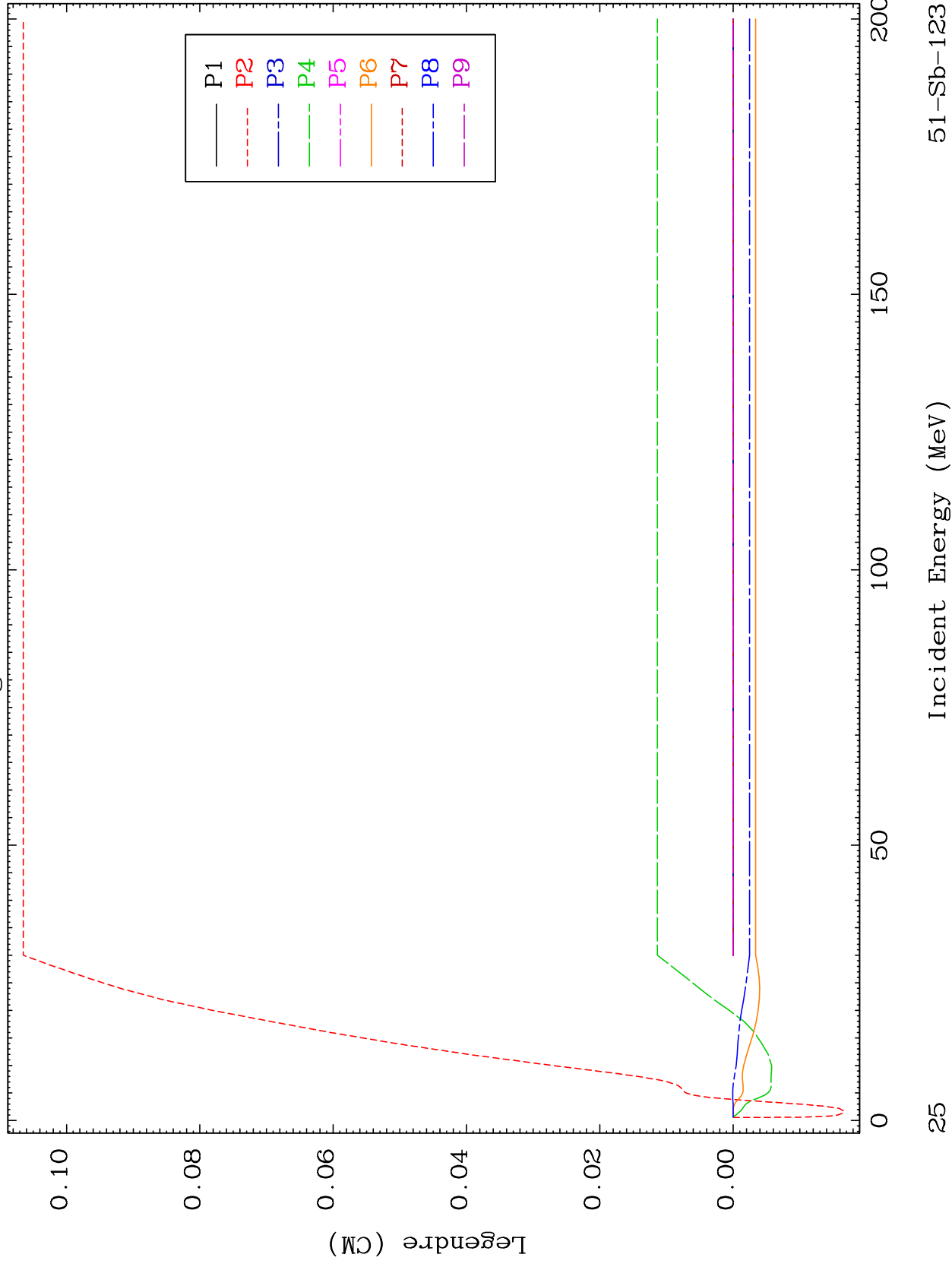


24

MAT 5131

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

51-Sb-123



51-Sb-123

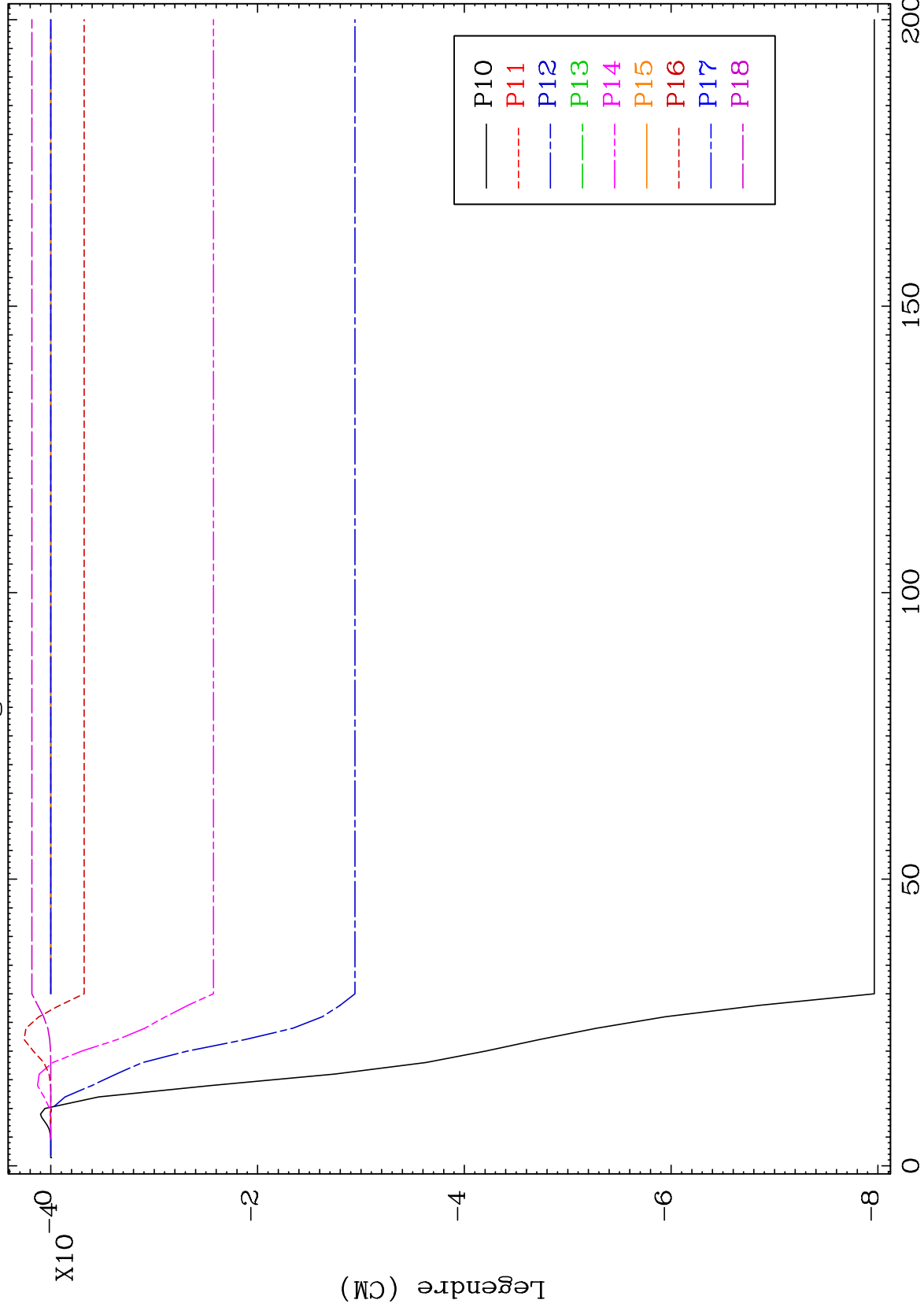
Incident Energy (MeV)

25

MAT 5131

51-Sb-123

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



26

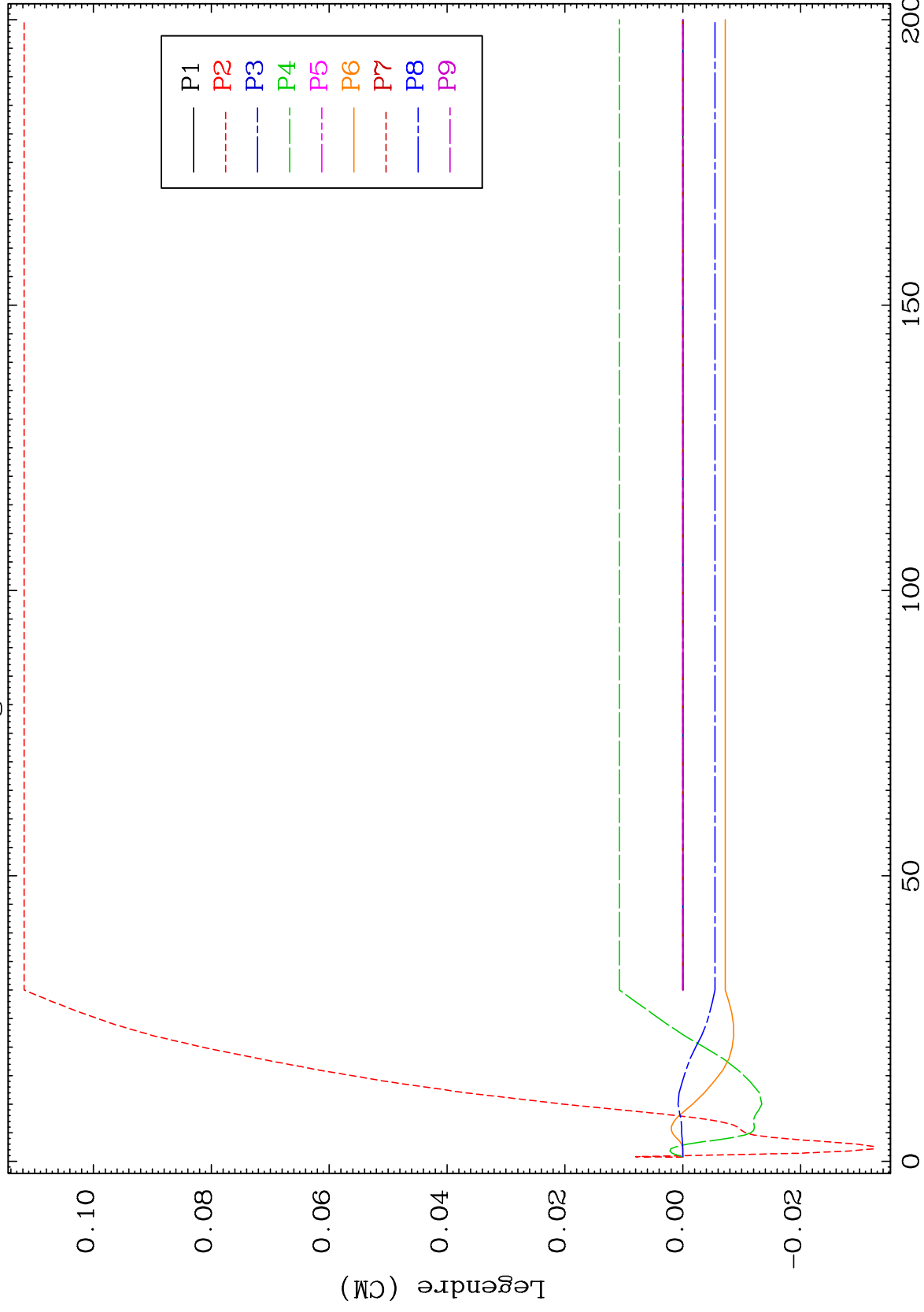
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

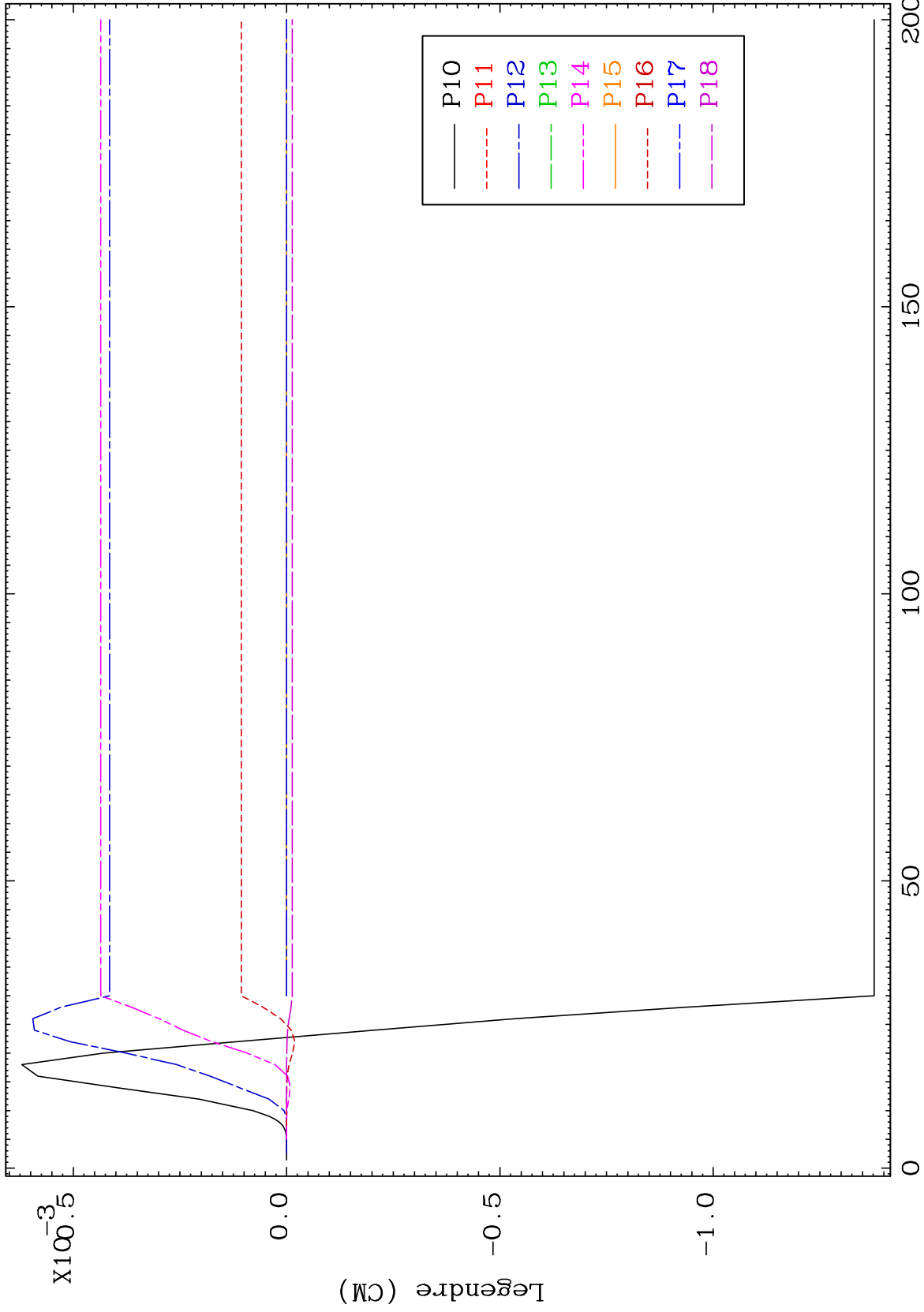
Incident Energy (MeV)

28

MAT 5131

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

51-Sb-123



29

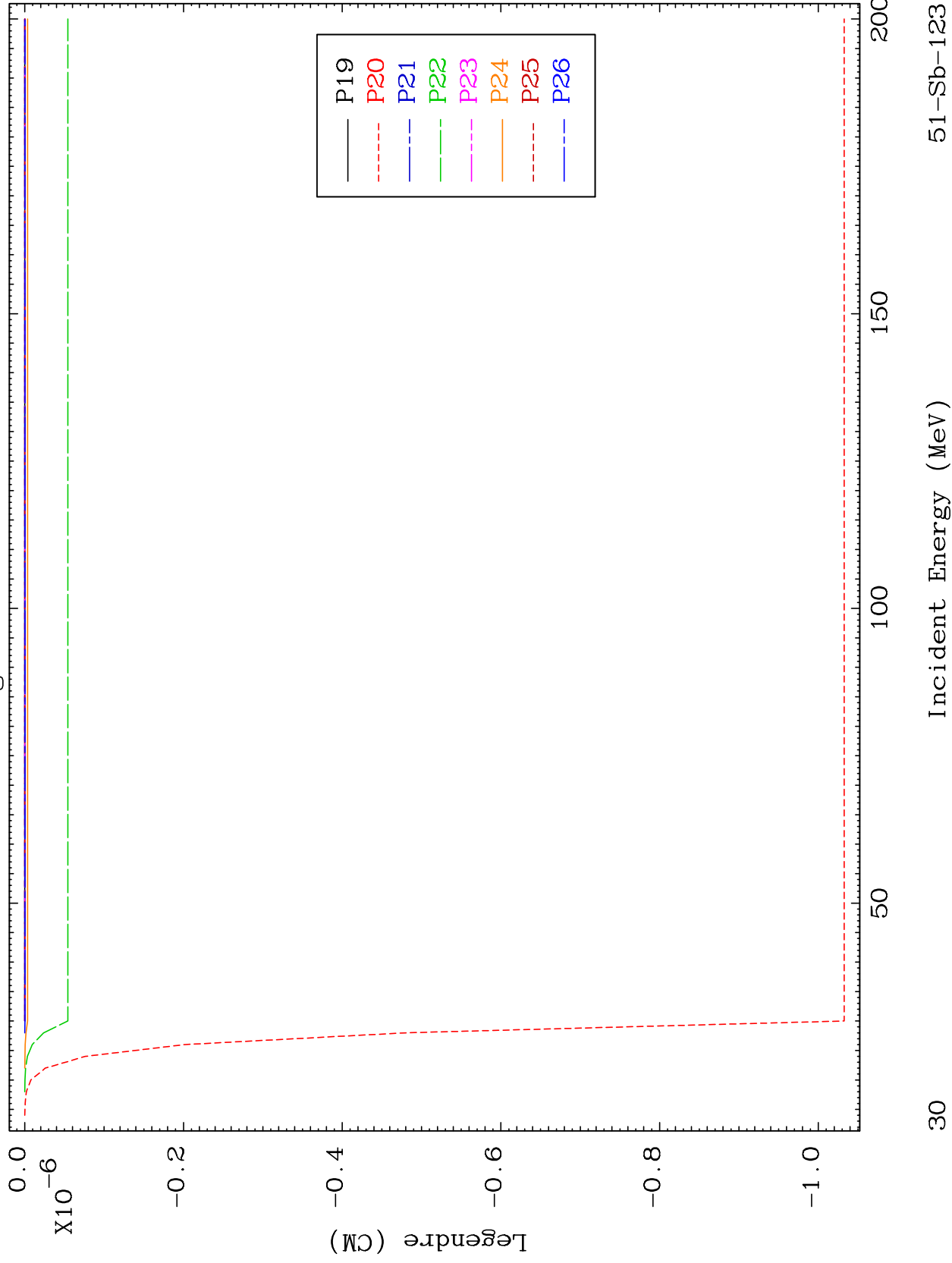
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

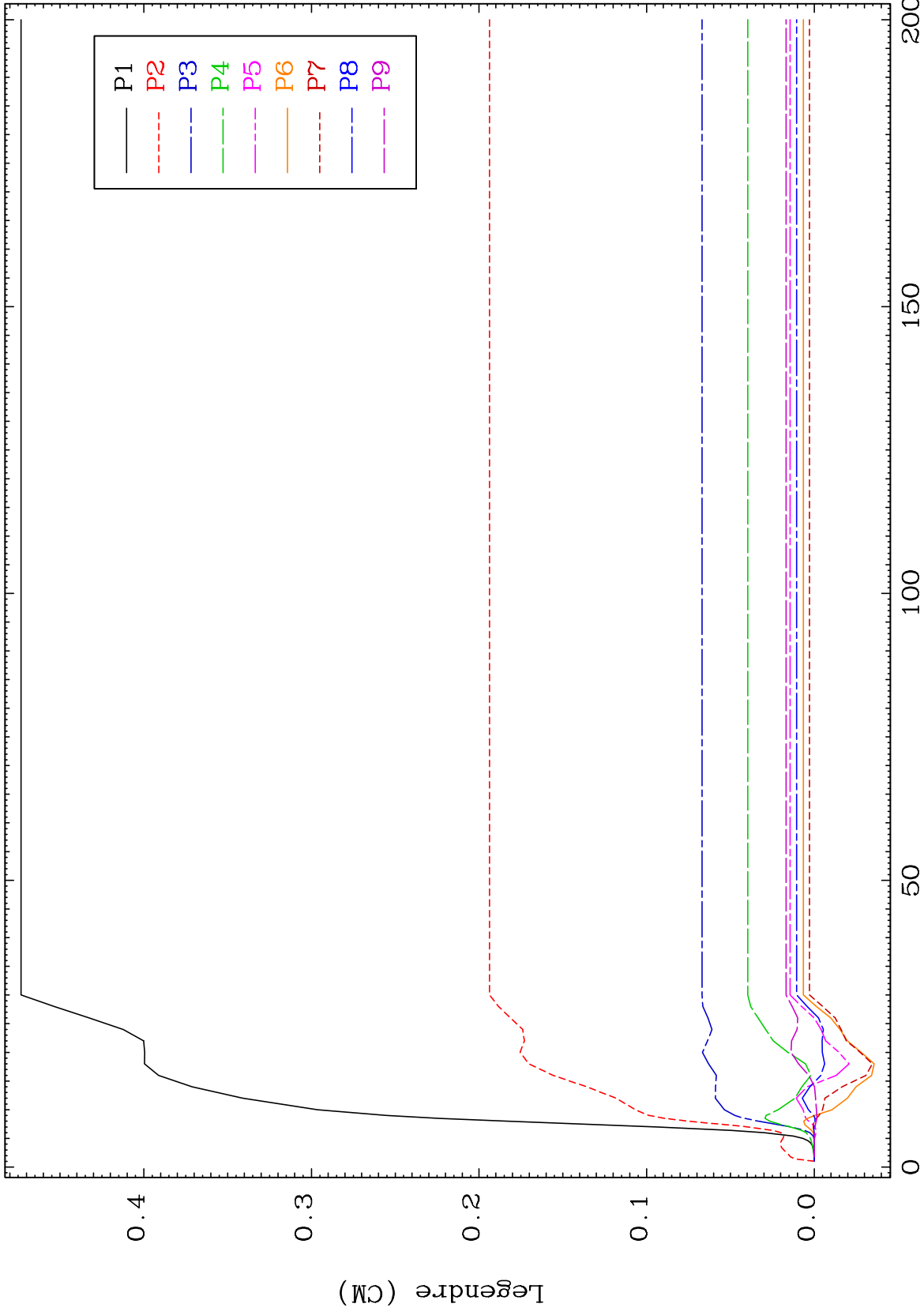
Incident Energy (MeV)

30

MAT 5131

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

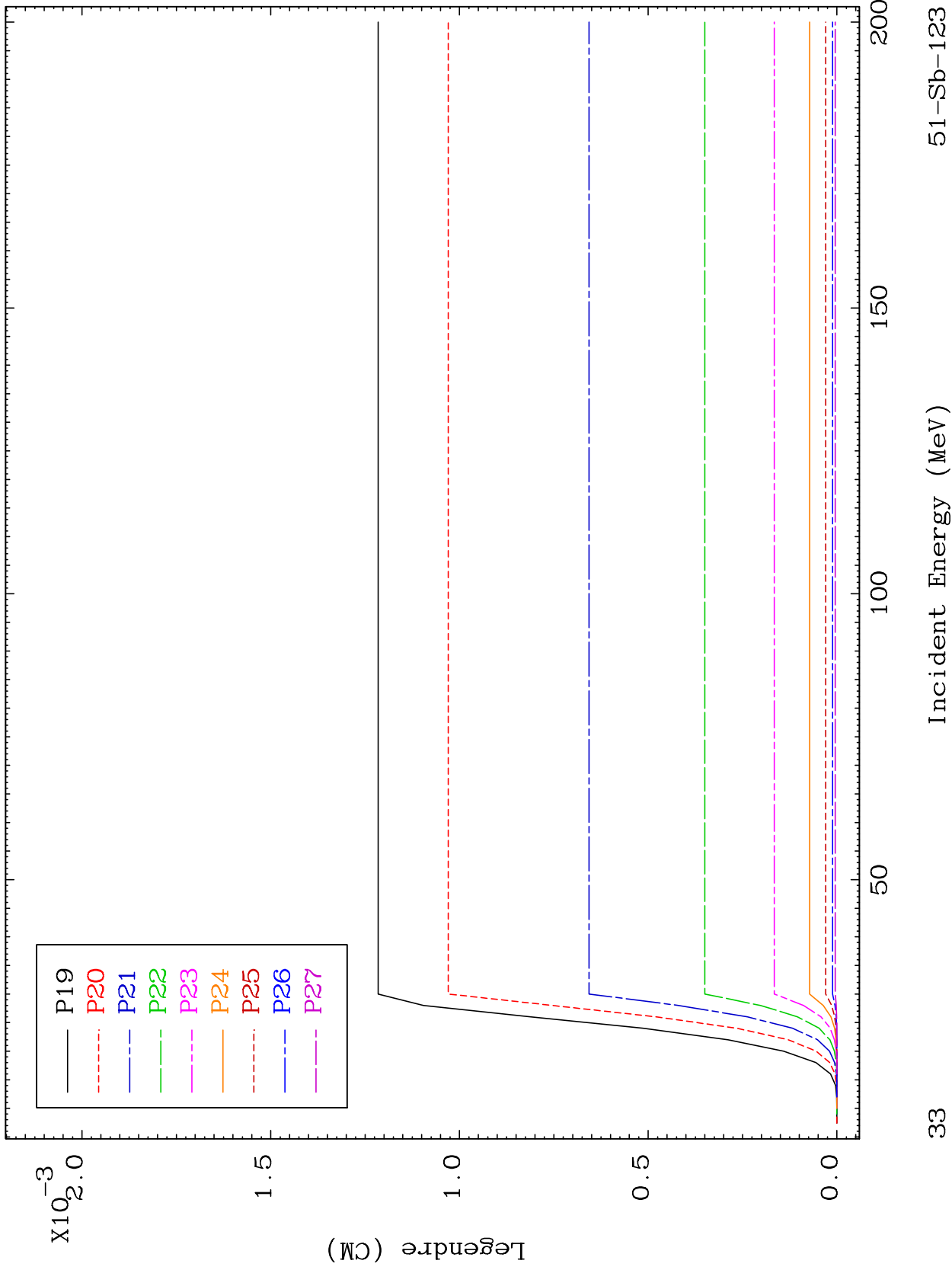
51-Sb-123



31

Incident Energy (MeV)

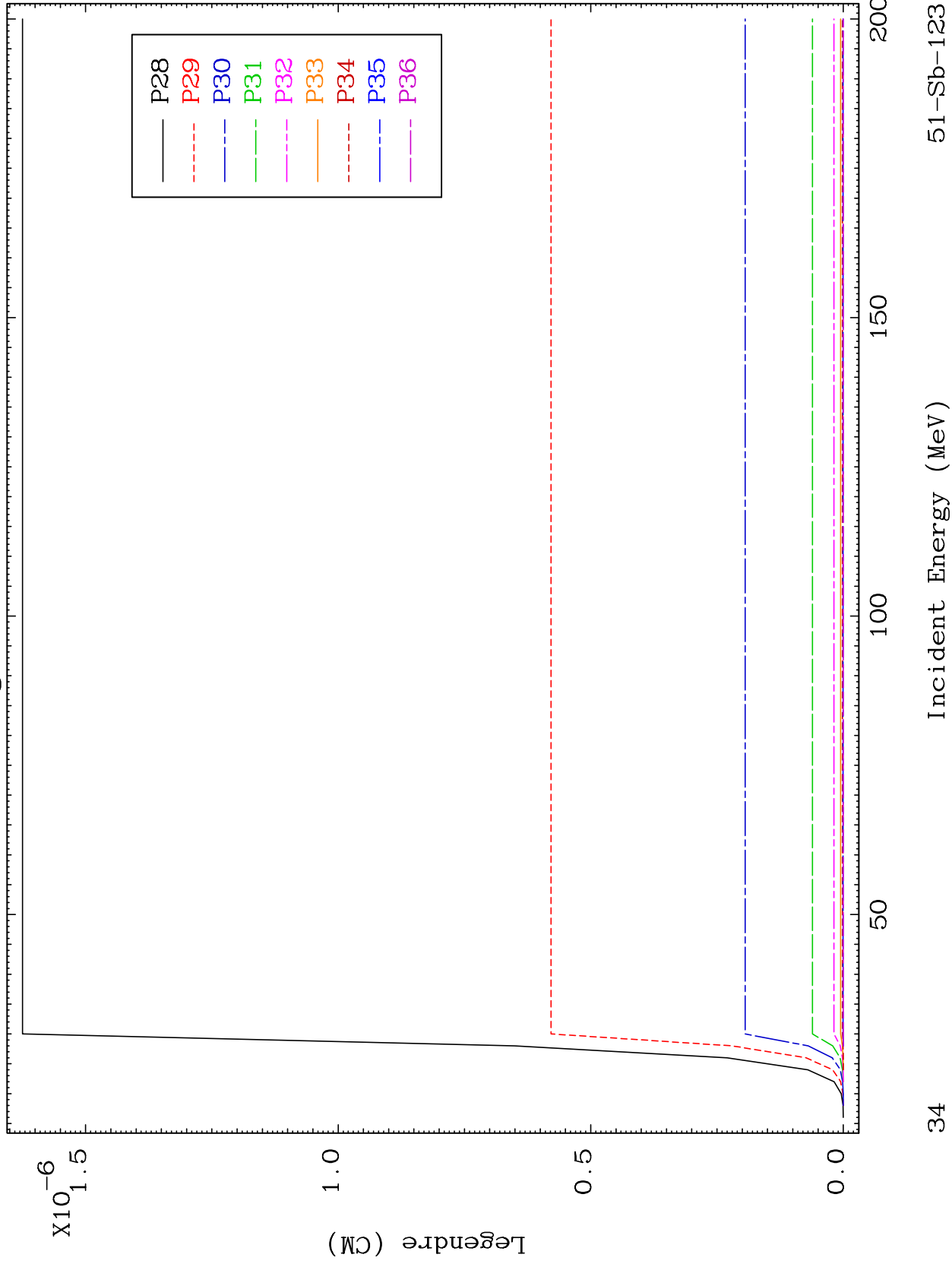
51-Sb-123



MAT 5131

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

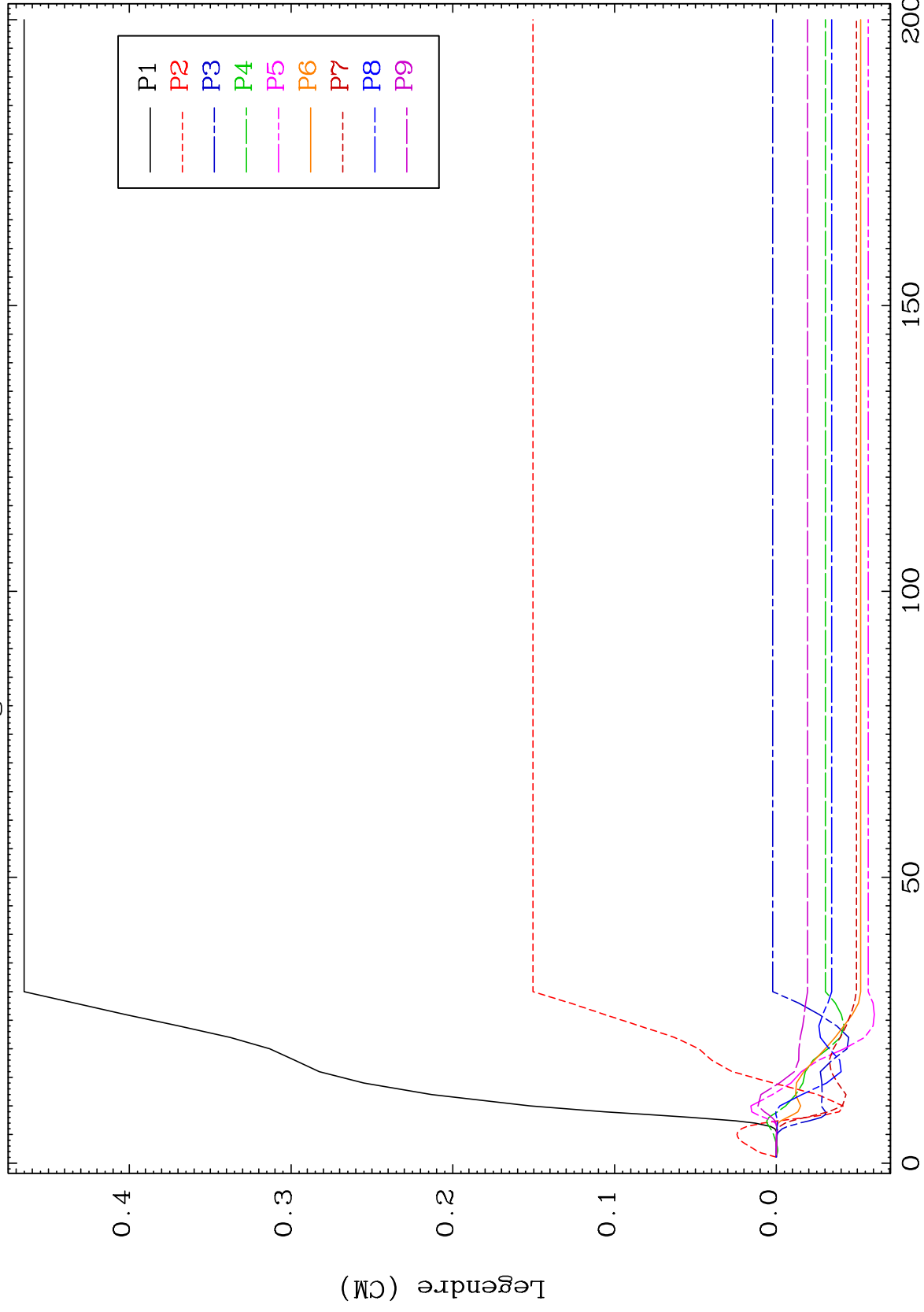
51-Sb-123



MAT 5131

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

51-Sb-123



51-Sb-123

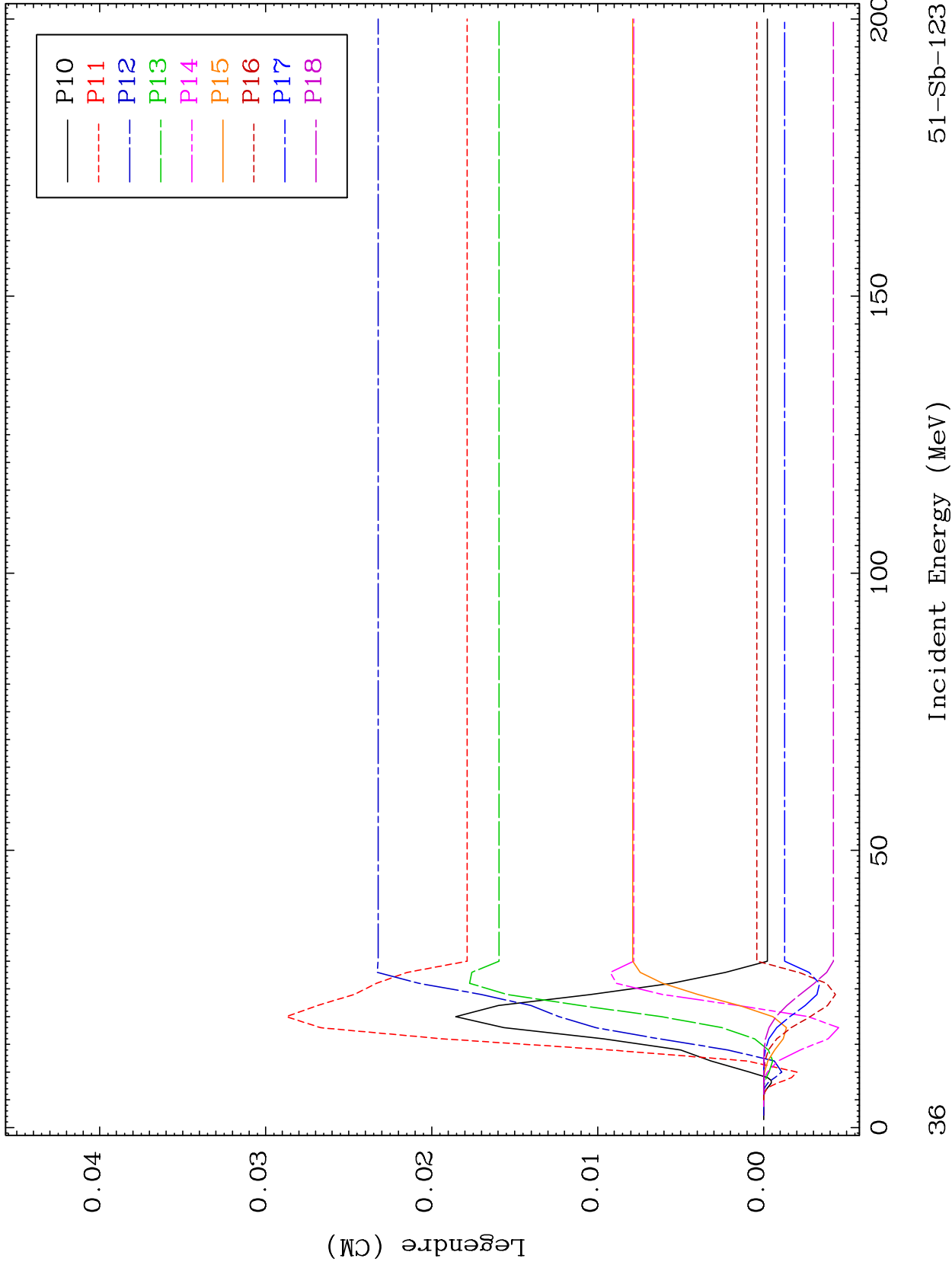
Incident Energy (MeV)

35

MAT 5131

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

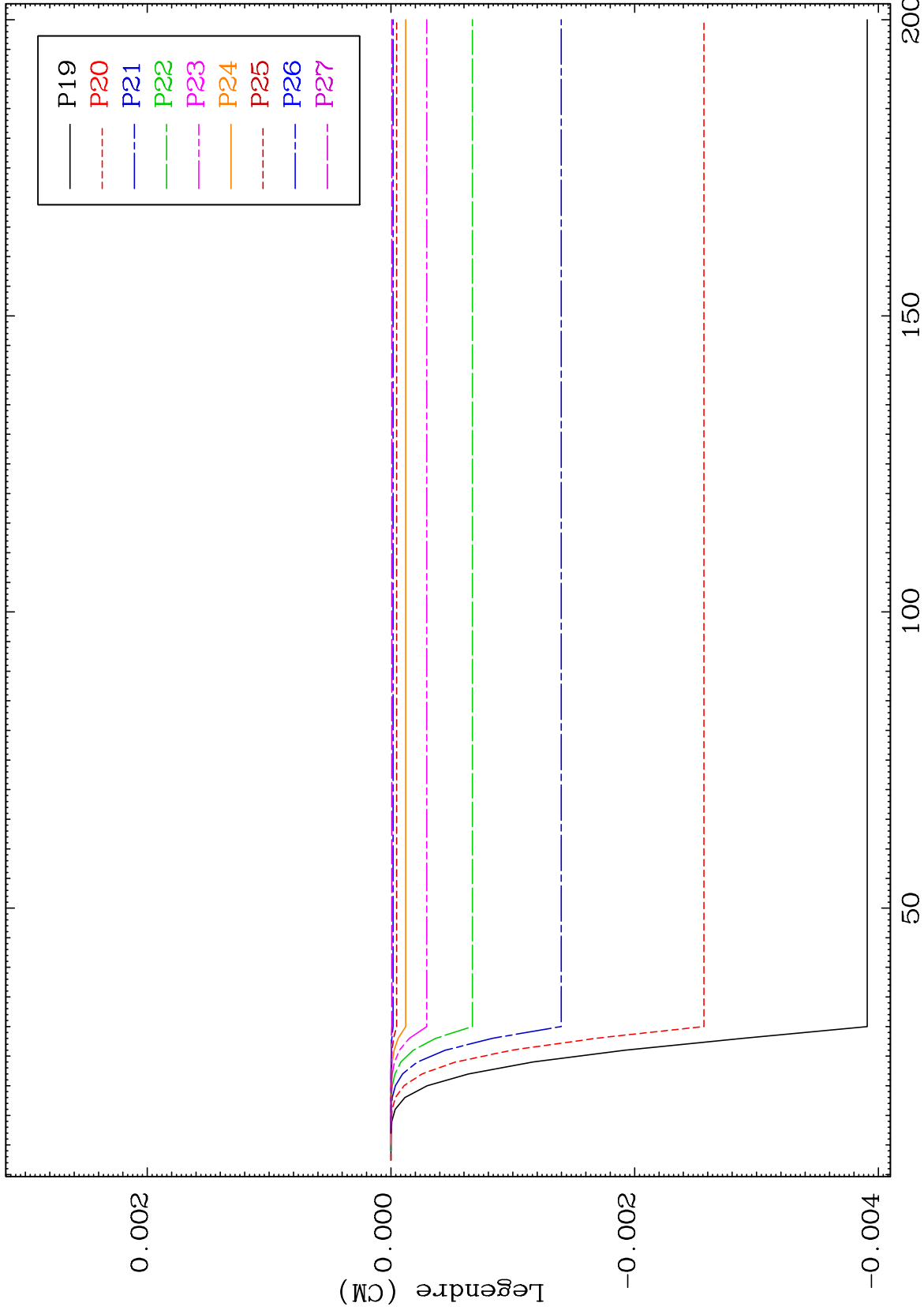
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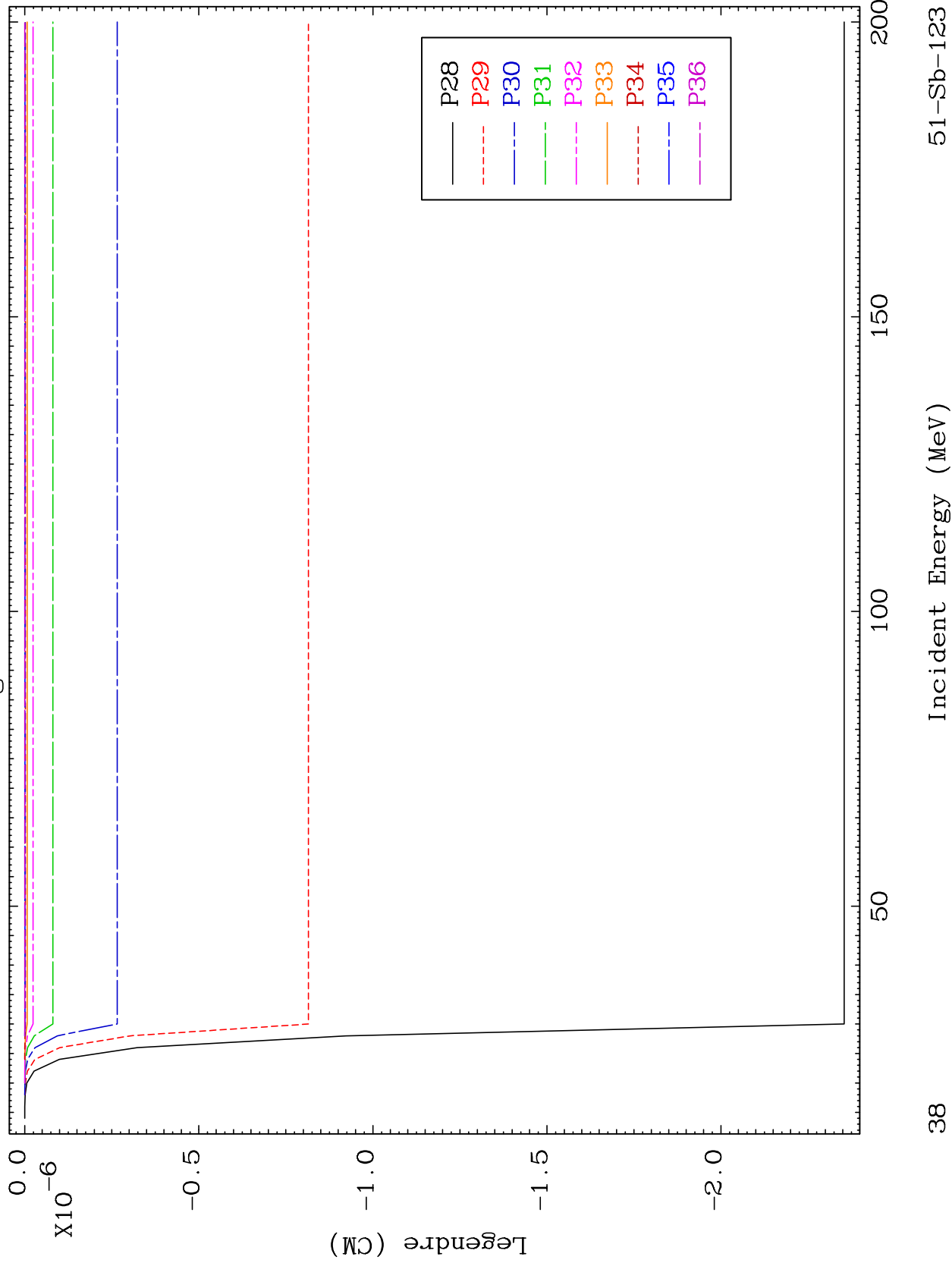


51-Sb-123

Incident Energy (MeV)

36

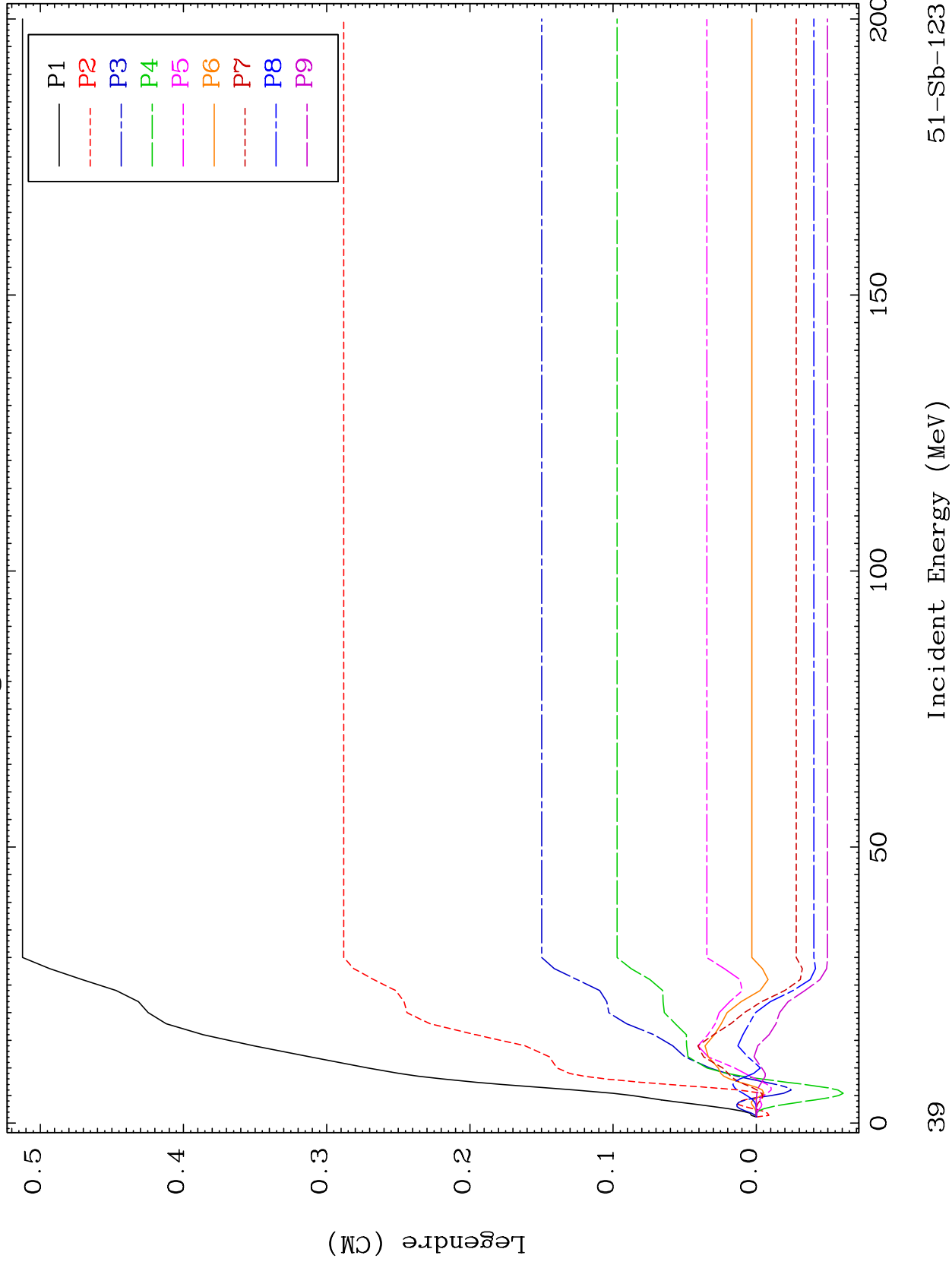




MAT 5131

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

51-Sb-123



51-Sb-123

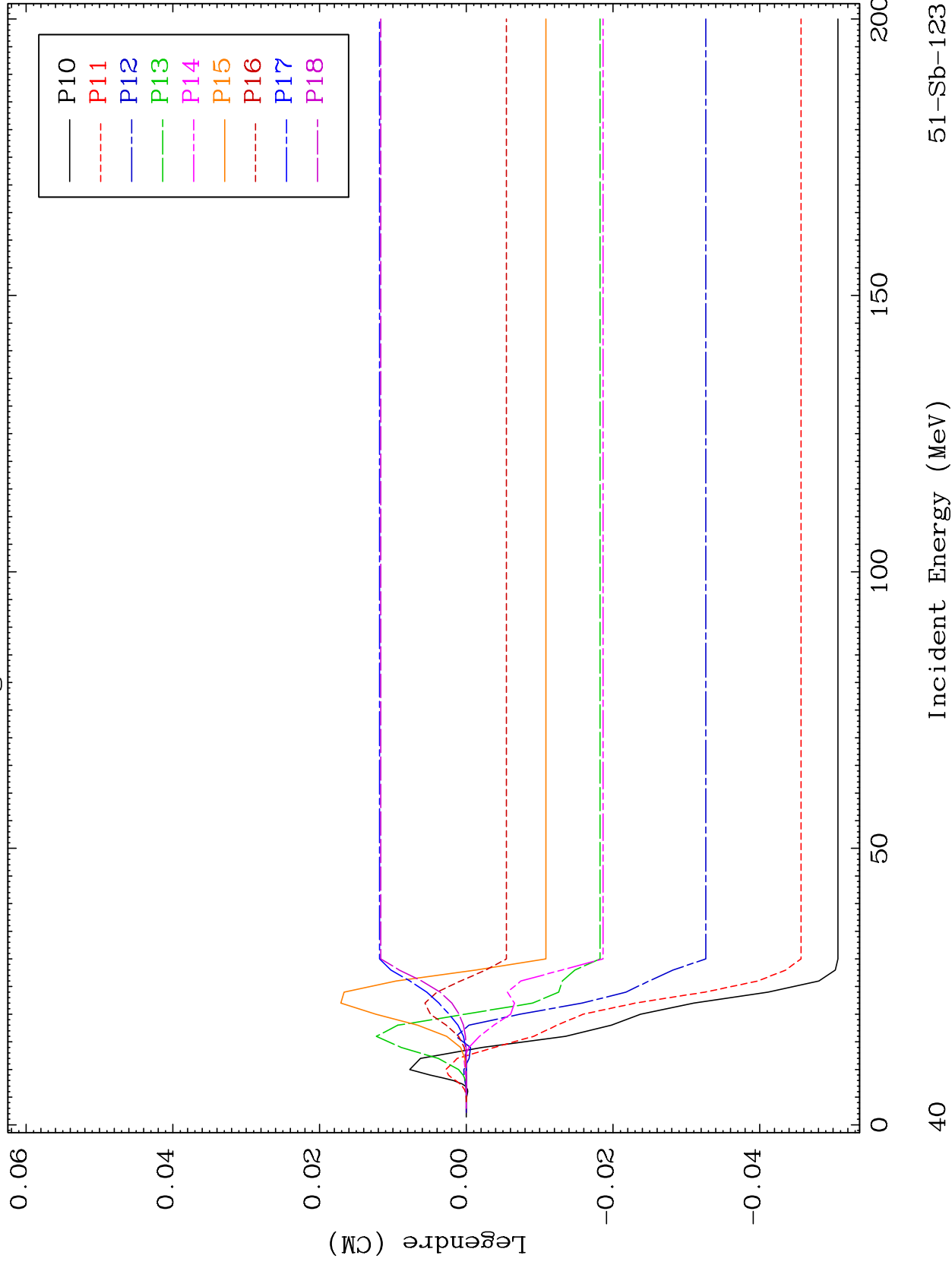
Incident Energy (MeV)

39

MAT 5131

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

51-Sb-123



51-Sb-123

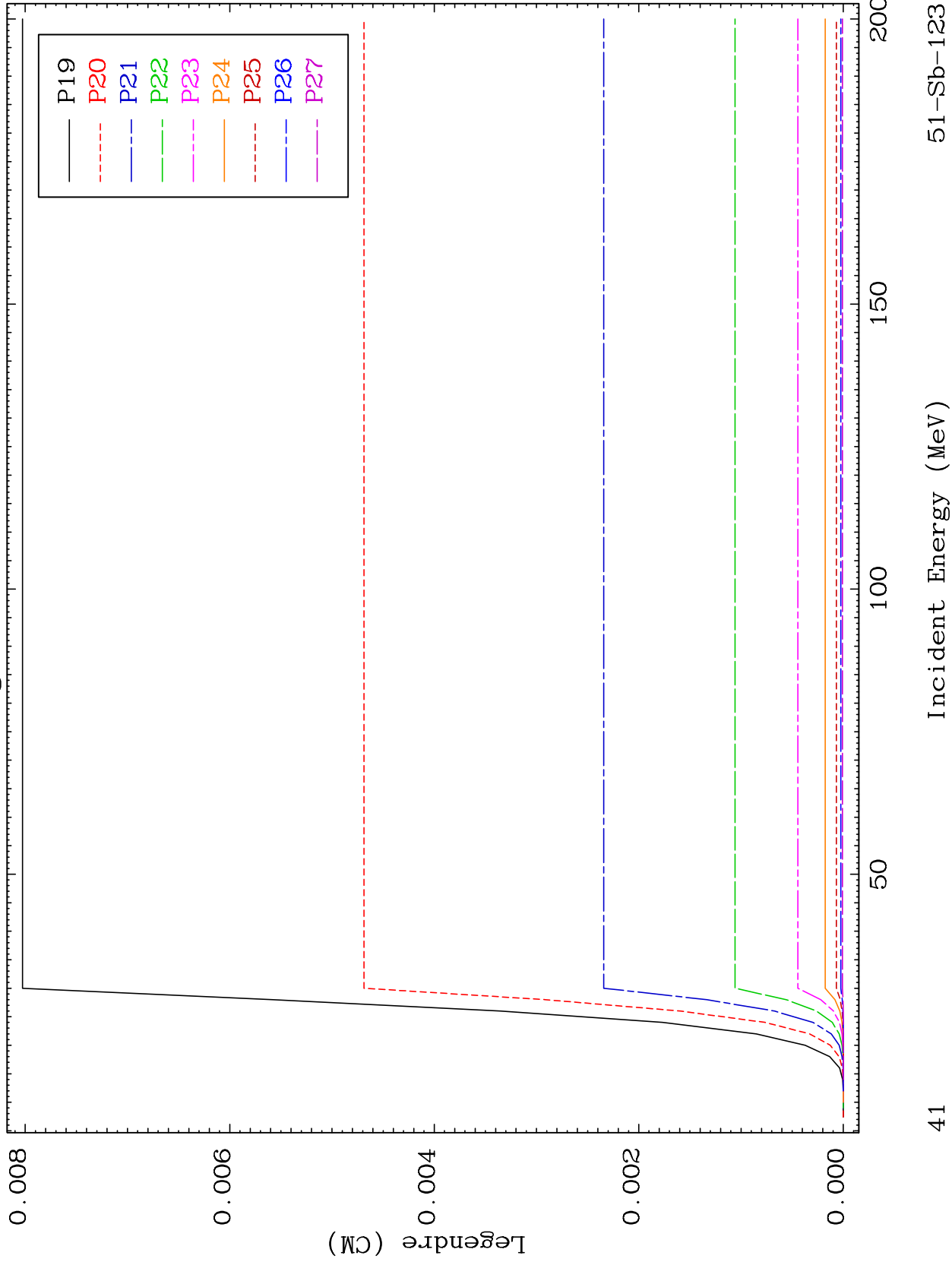
Incident Energy (MeV)

40

MAT 5131

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

51-Sb-123



41

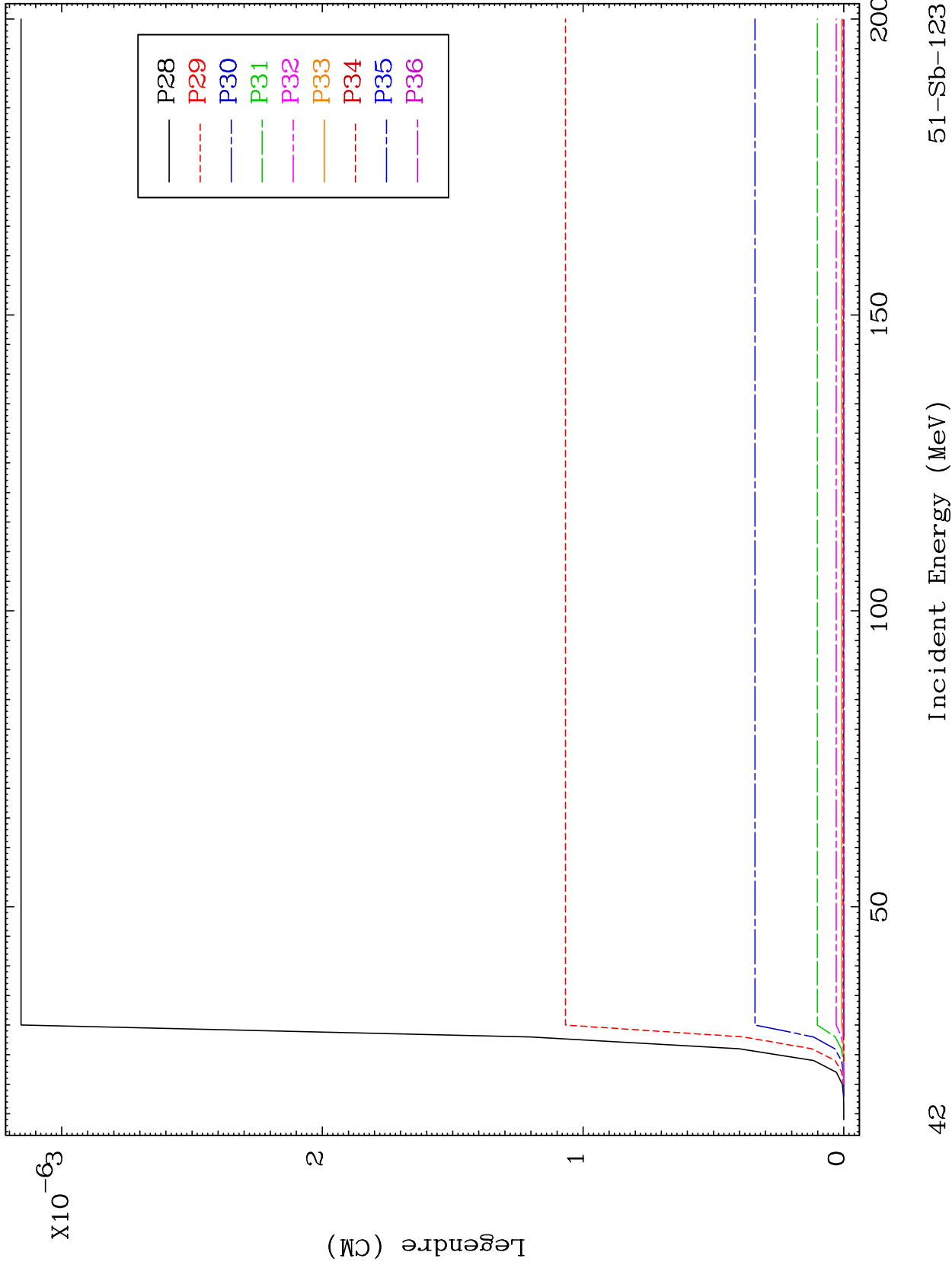
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

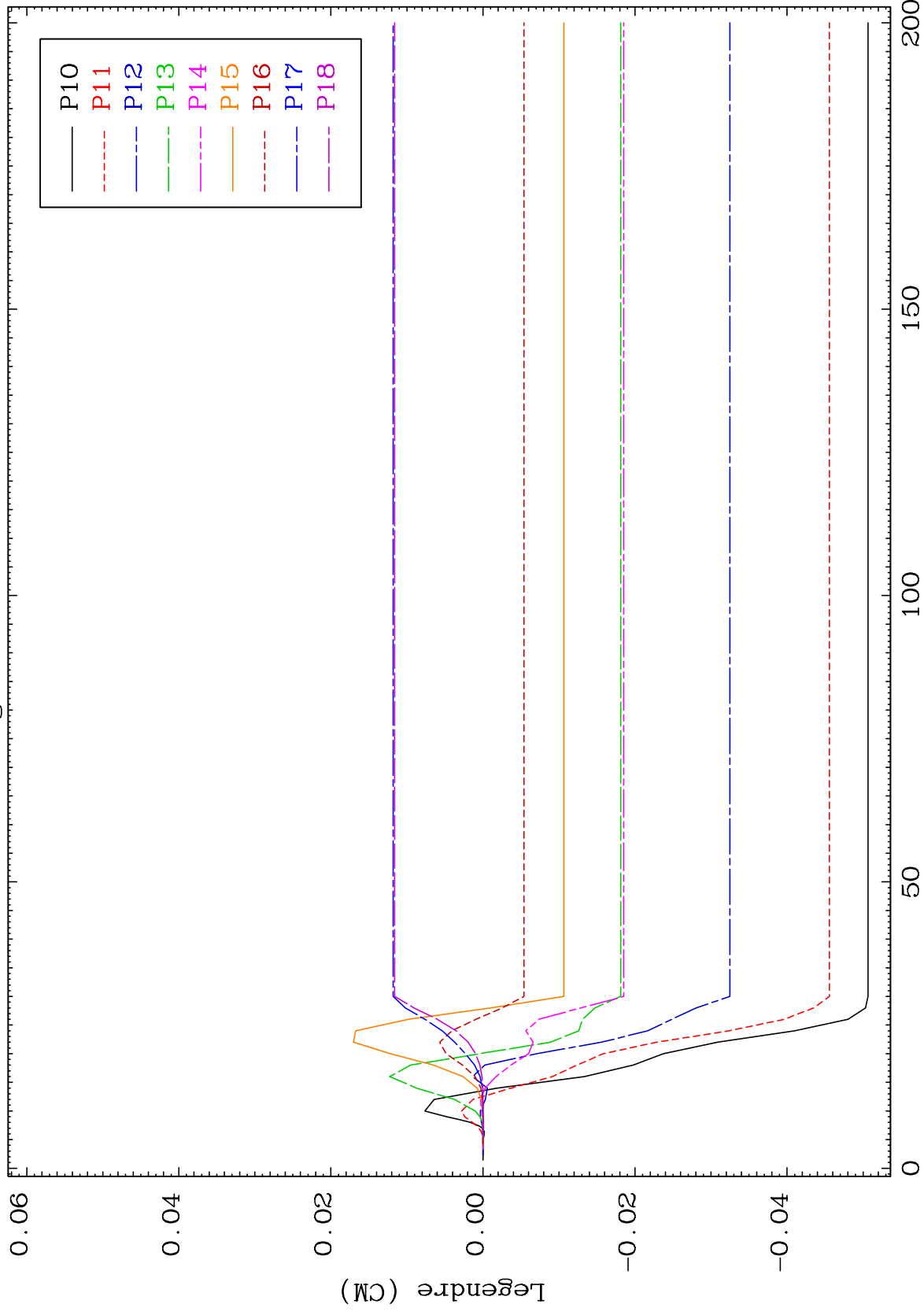
51-Sb-123



MAT 5131

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

51-Sb-123



44

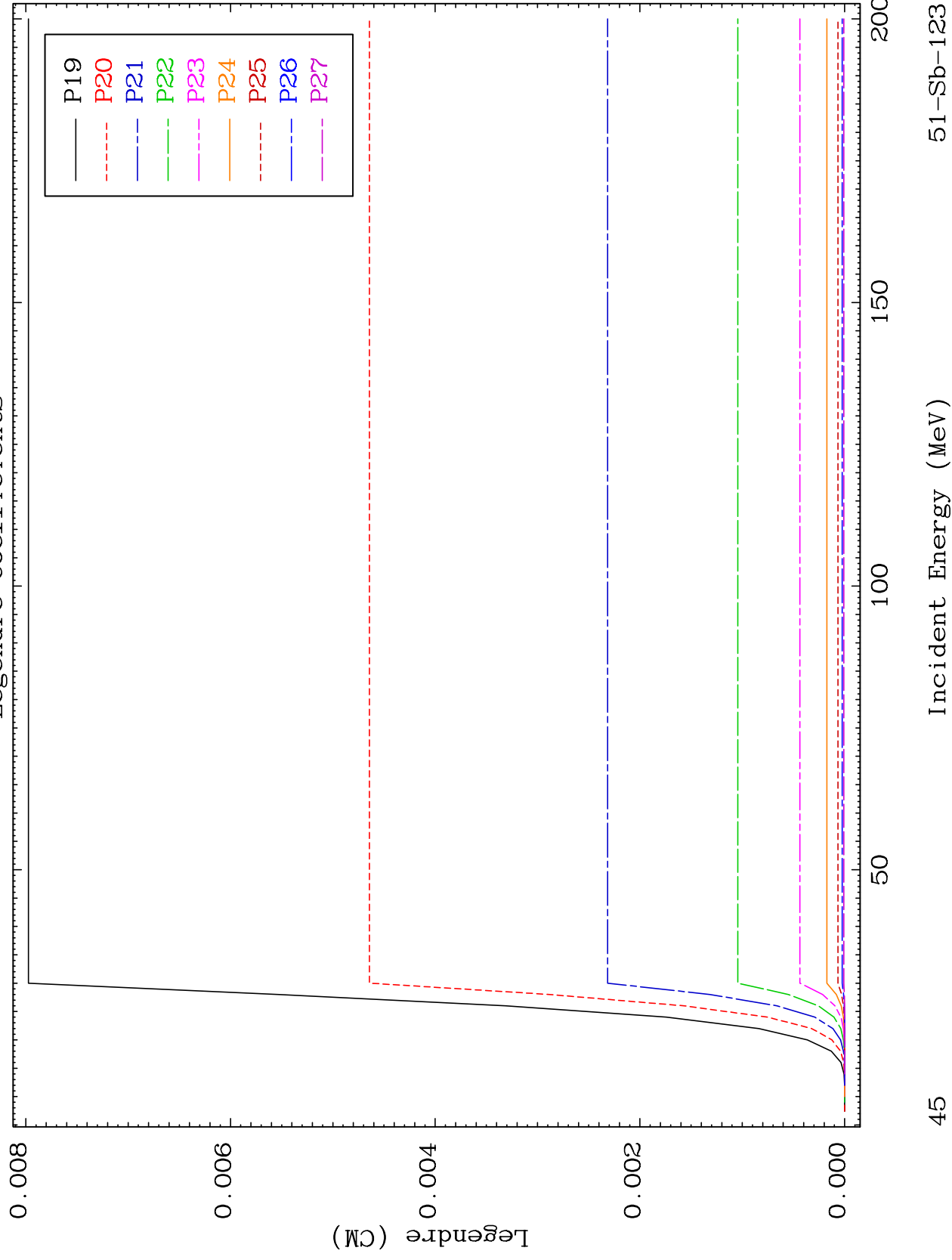
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

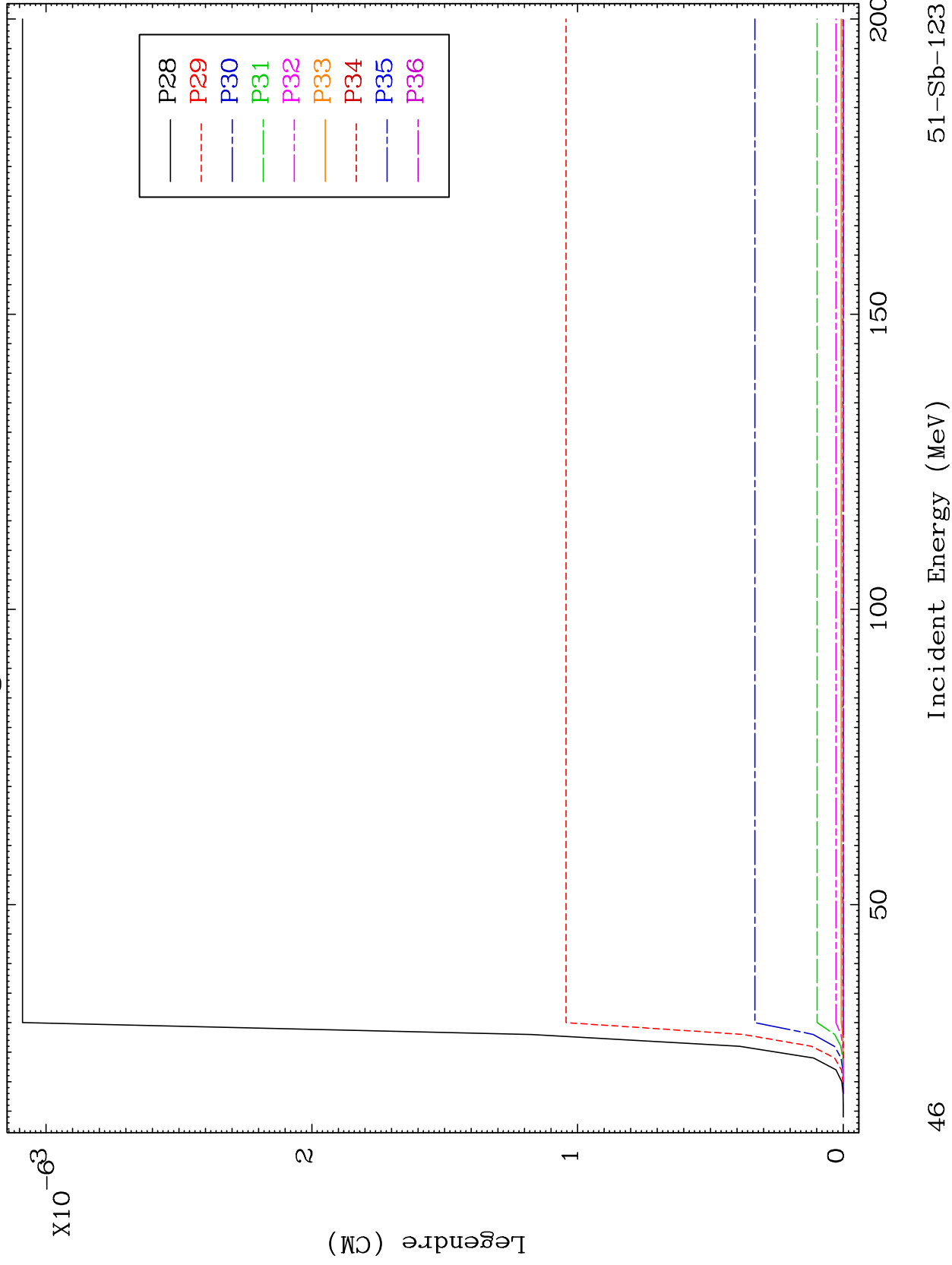
Incident Energy (MeV)

45

MAT 5131

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

51-Sb-123

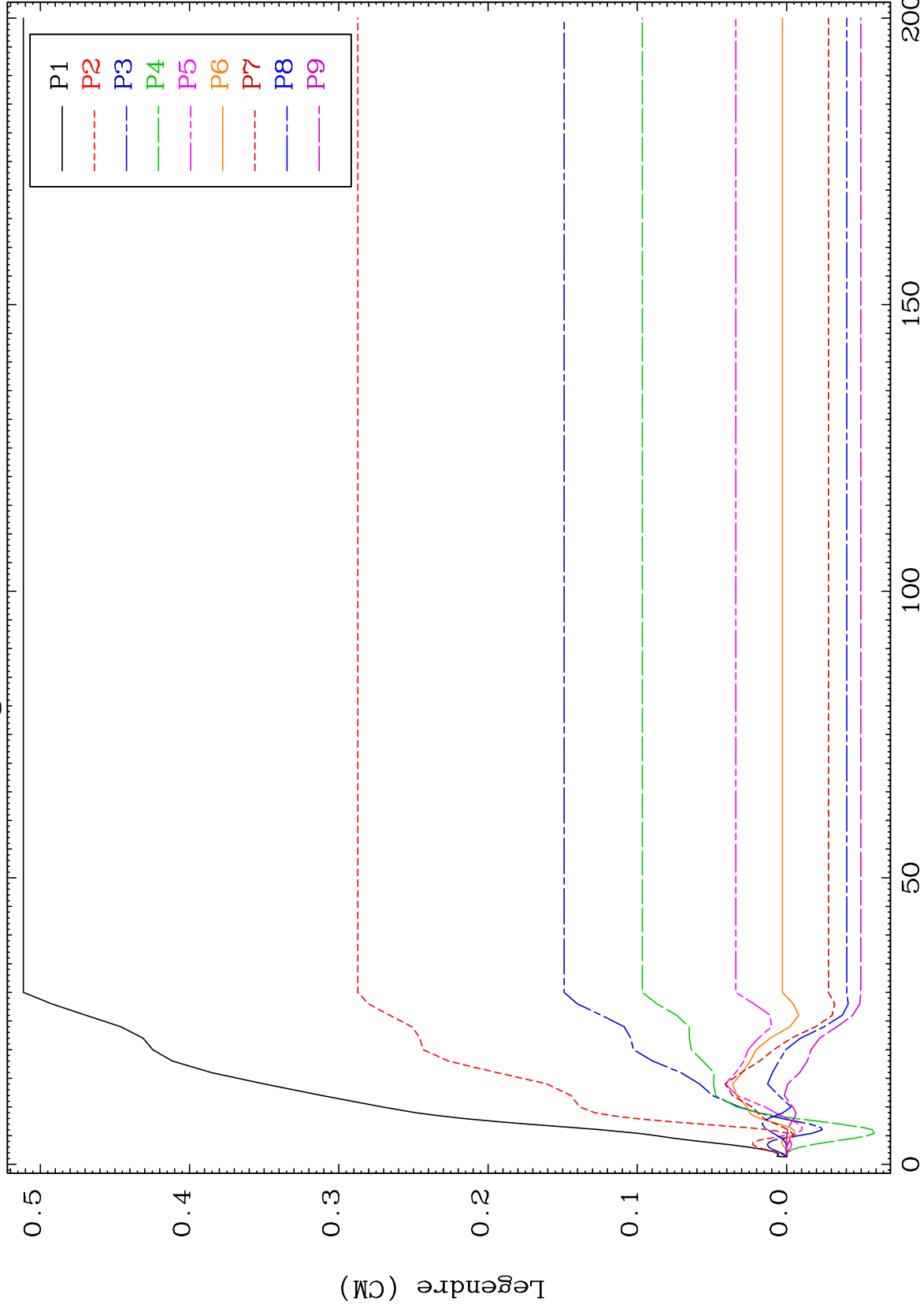


MAT 5131

MT= 58 (n,n') Level

51-Sb-123

Legendre Coefficients



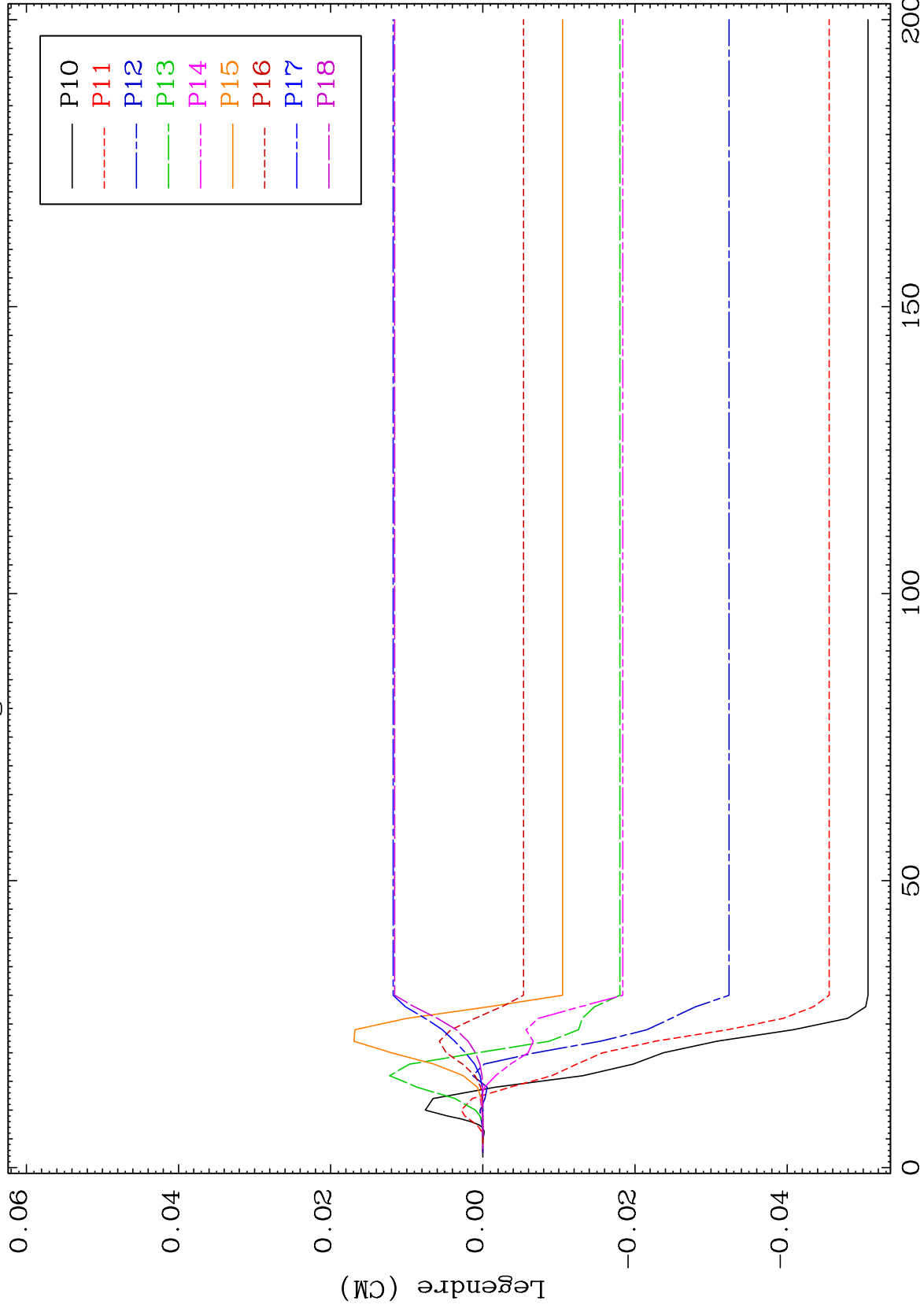
47

51-Sb-123

MAT 5131

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

51-Sb-123



48

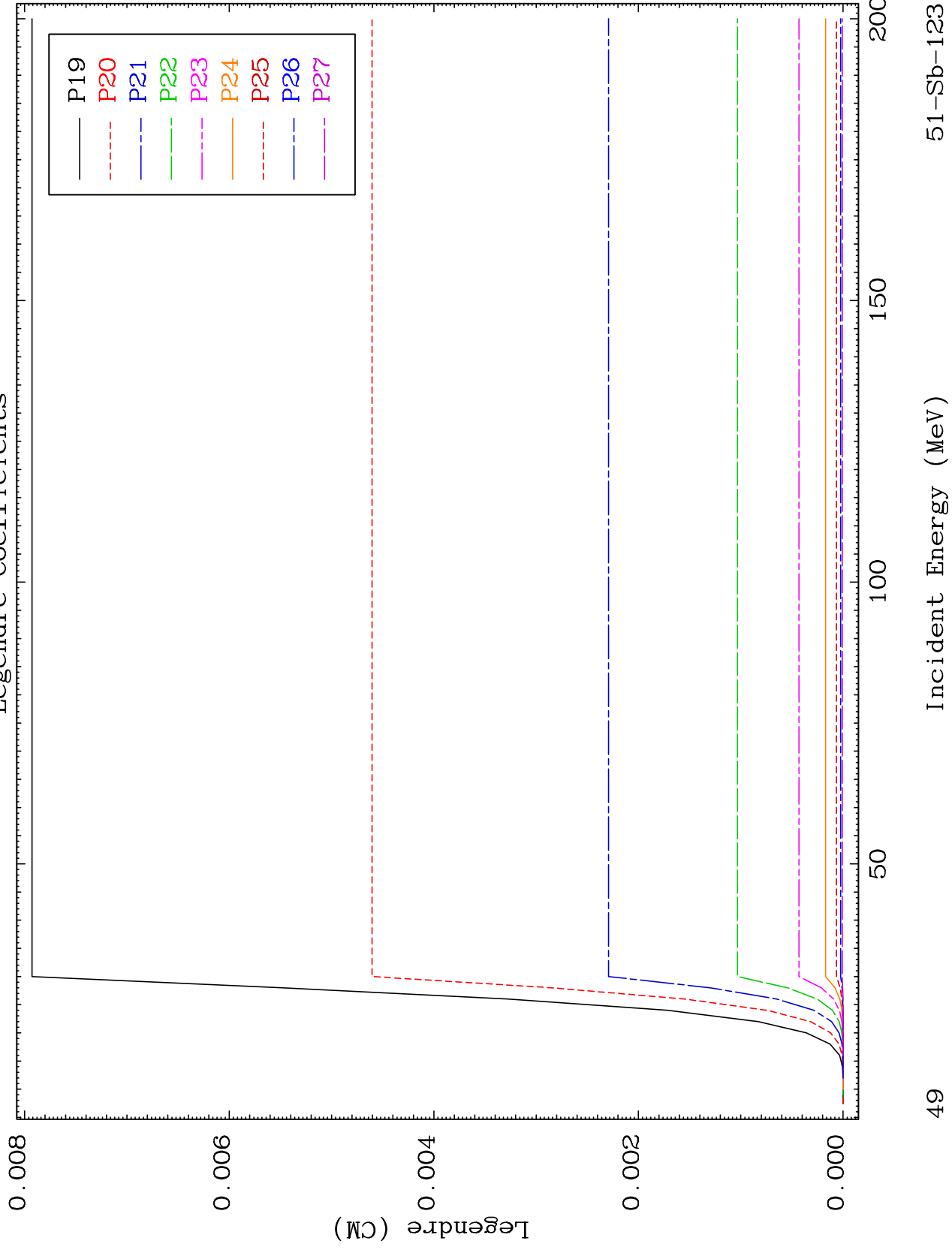
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



49

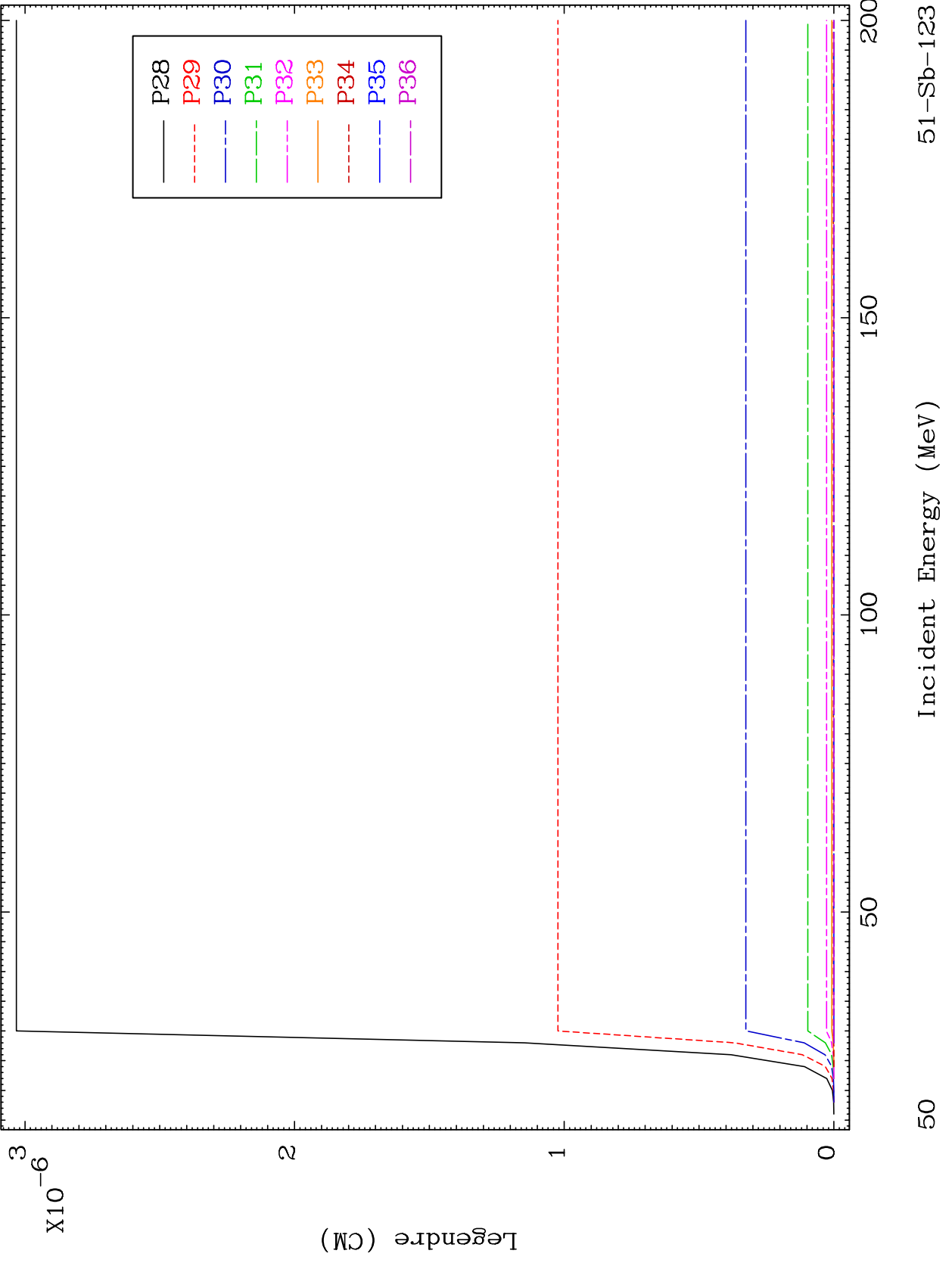
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

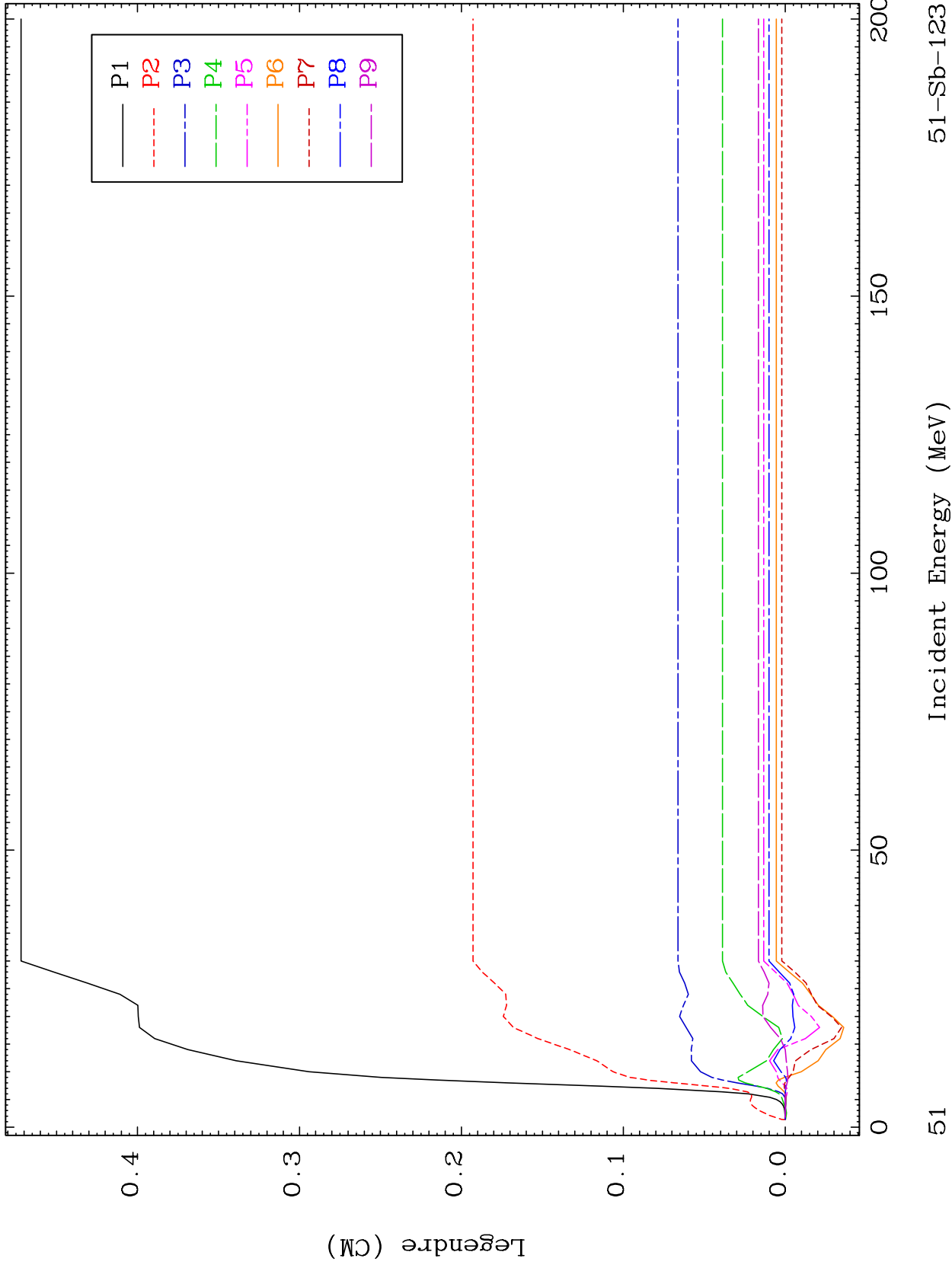
51-Sb-123



MAT 5131

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

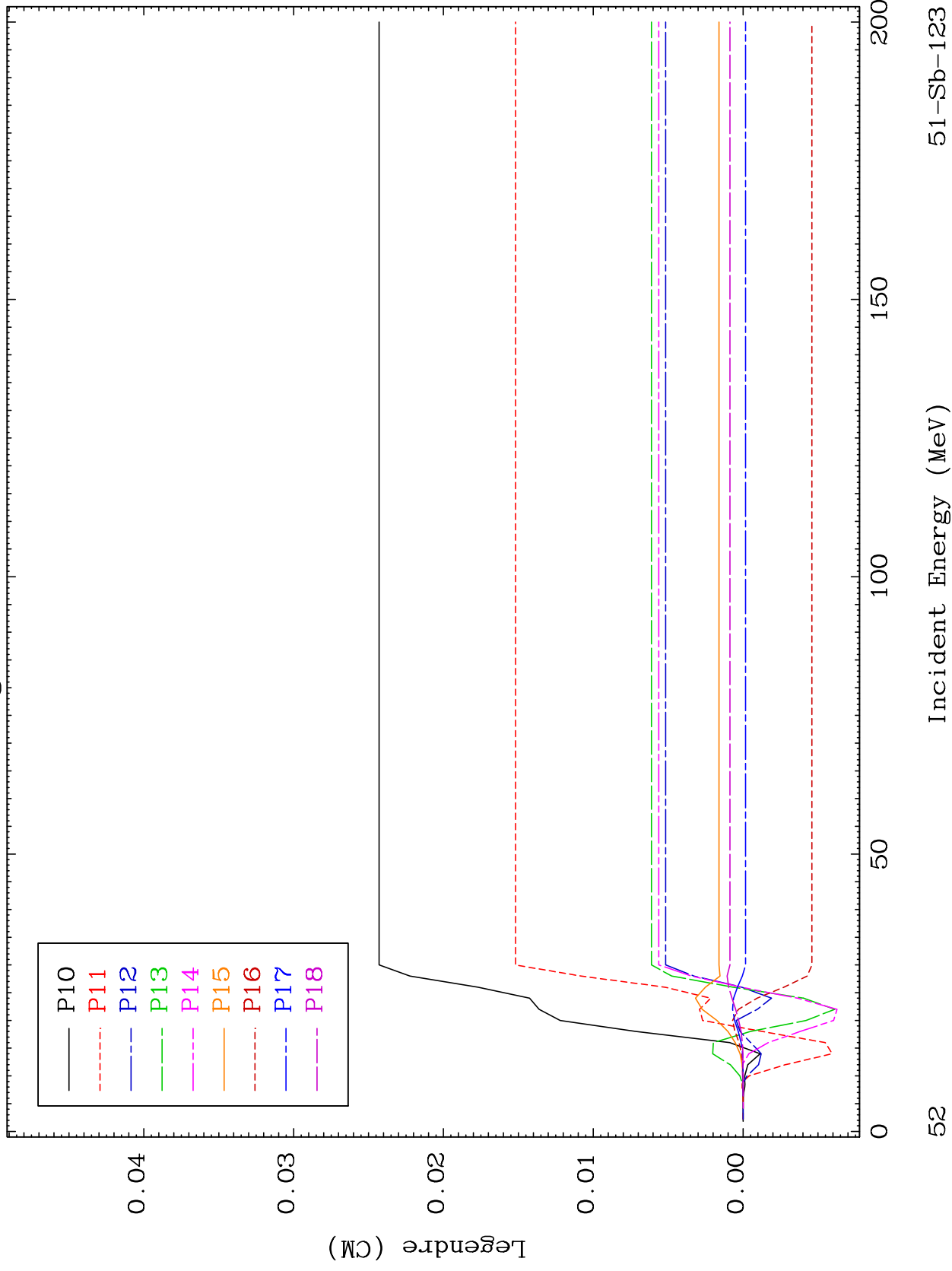
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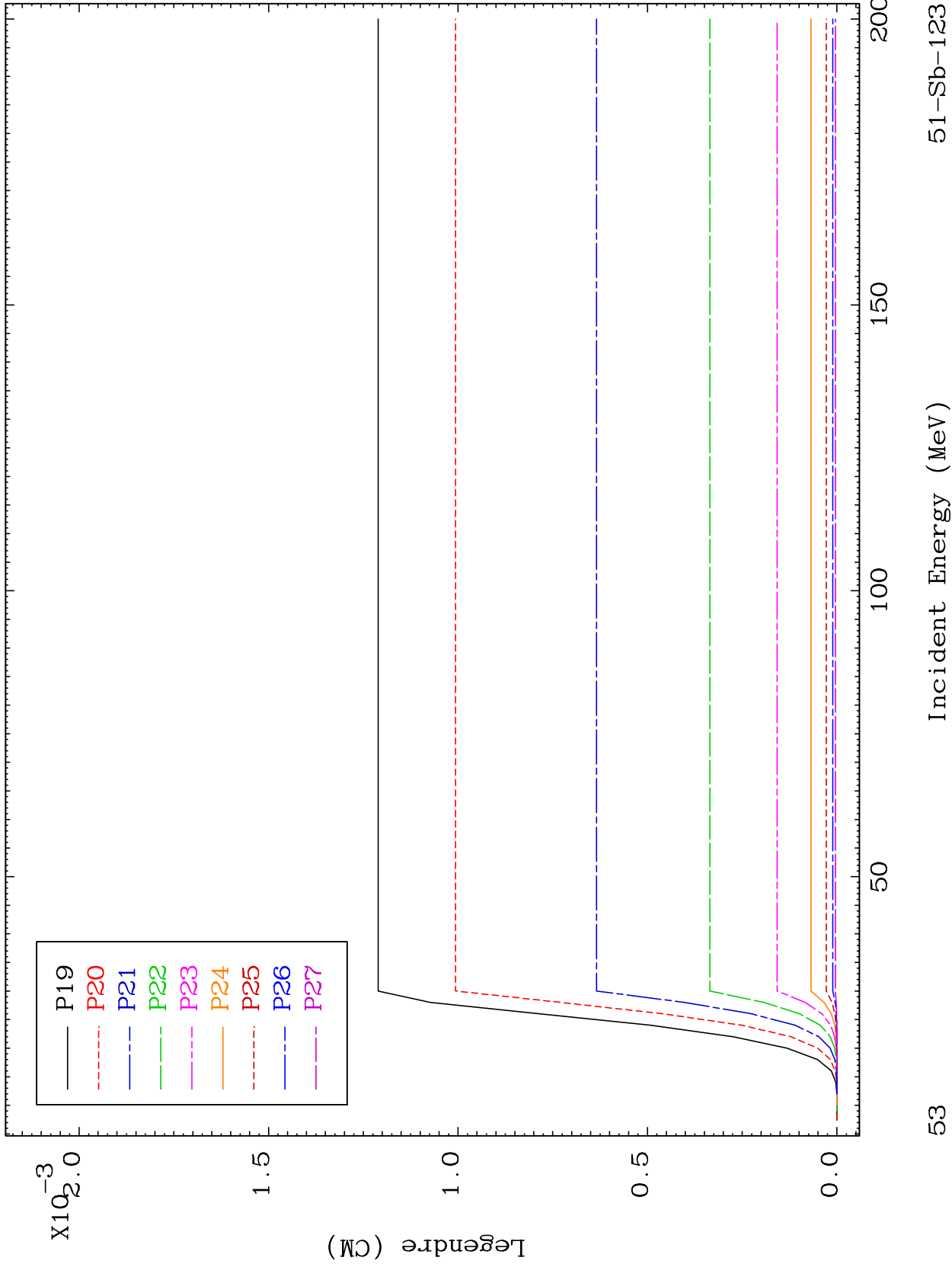


MAT 5131

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

51-Sb-123

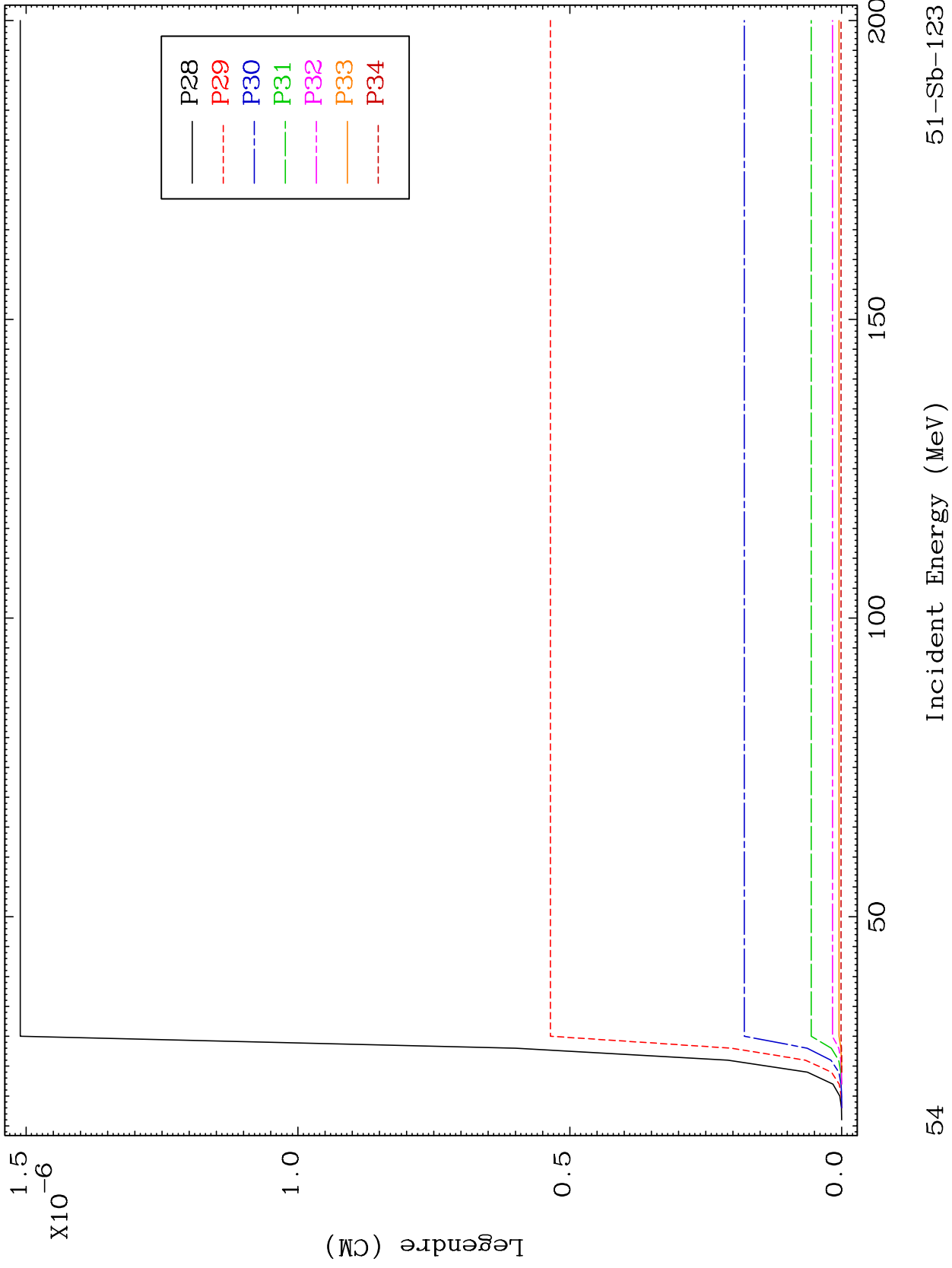




MAT 5131

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

51-Sb-123



54

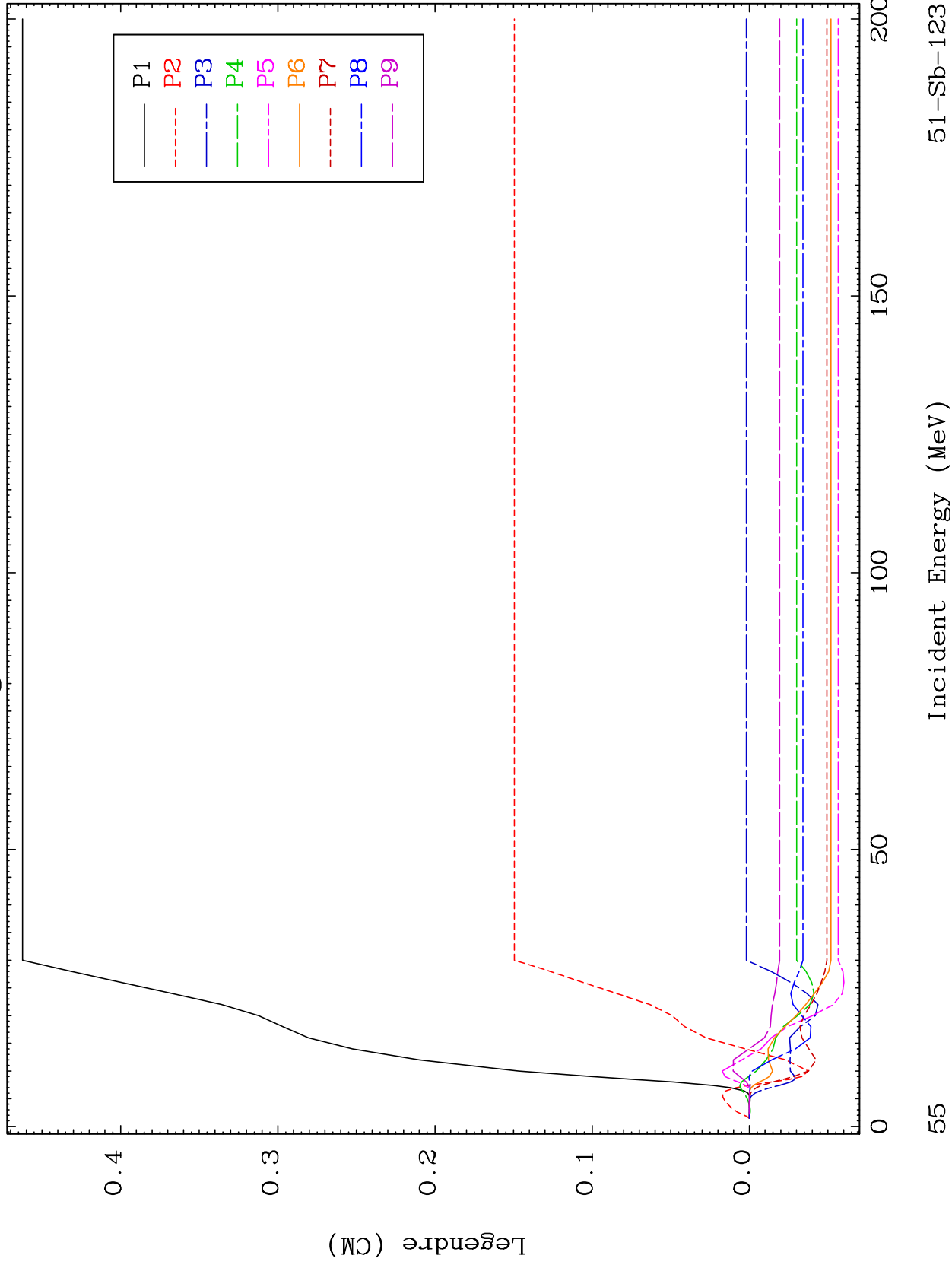
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

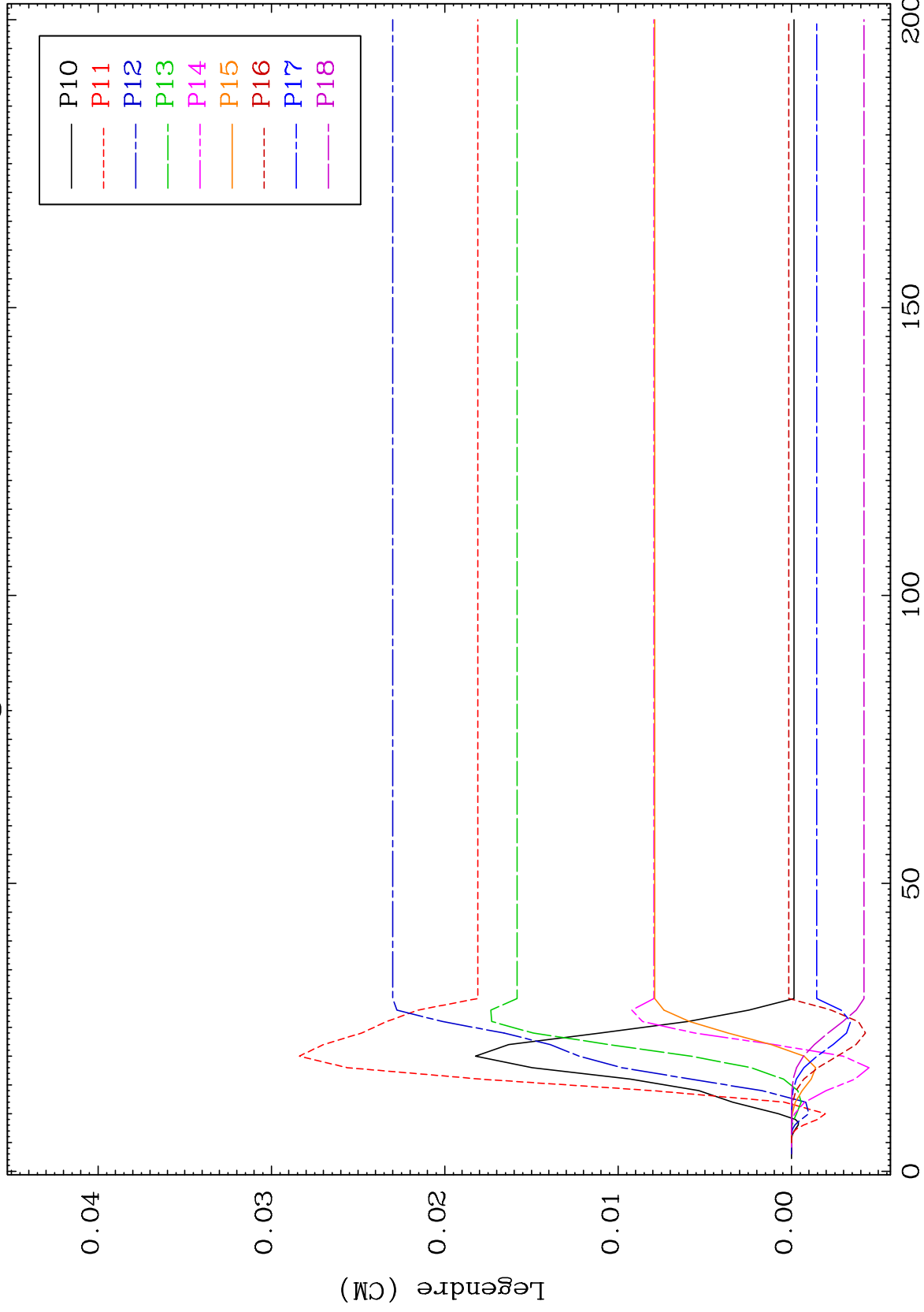
Incident Energy (MeV)

55

MAT 5131

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

51-Sb-123



56

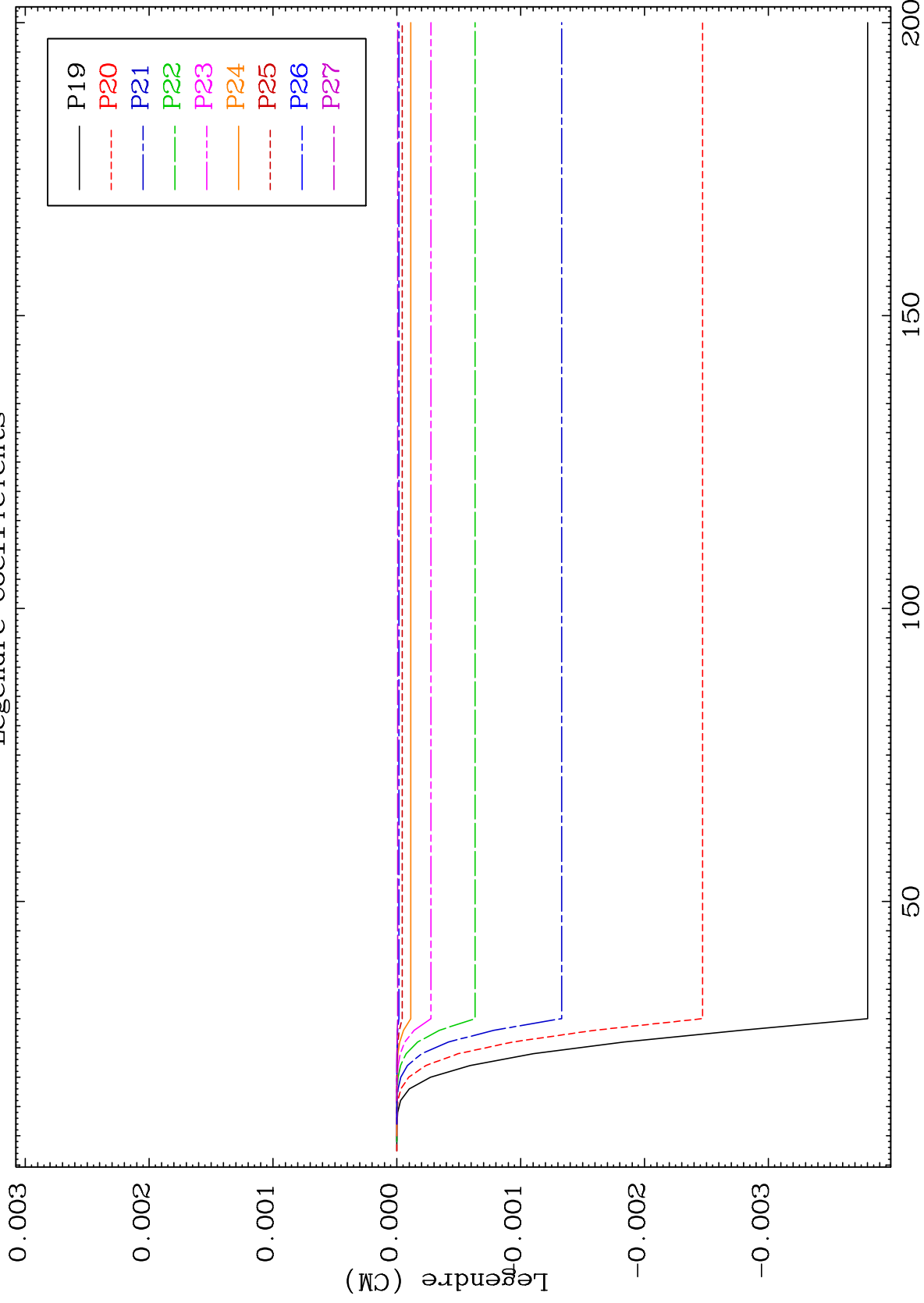
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

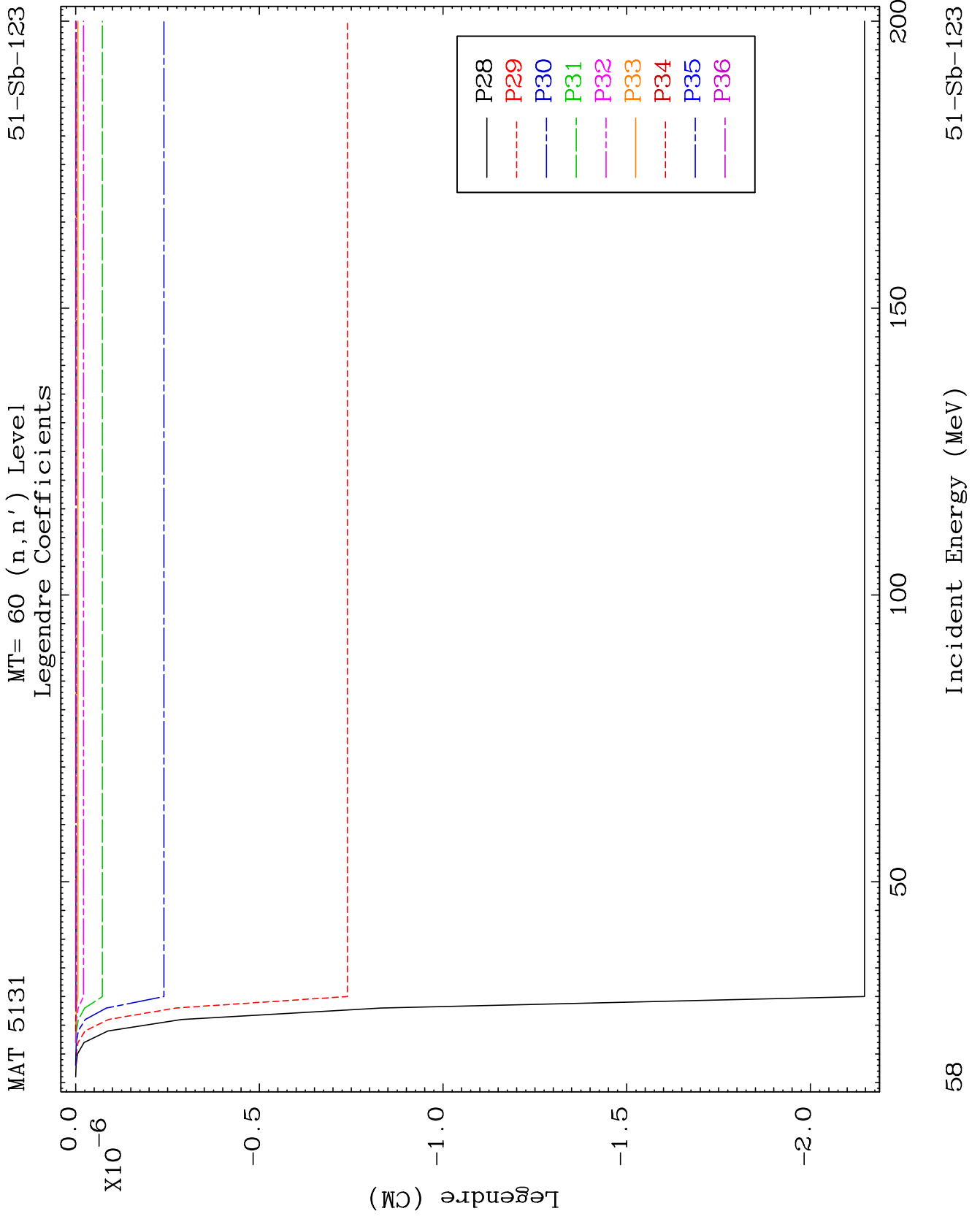
51-Sb-123



57

Incident Energy (MeV)

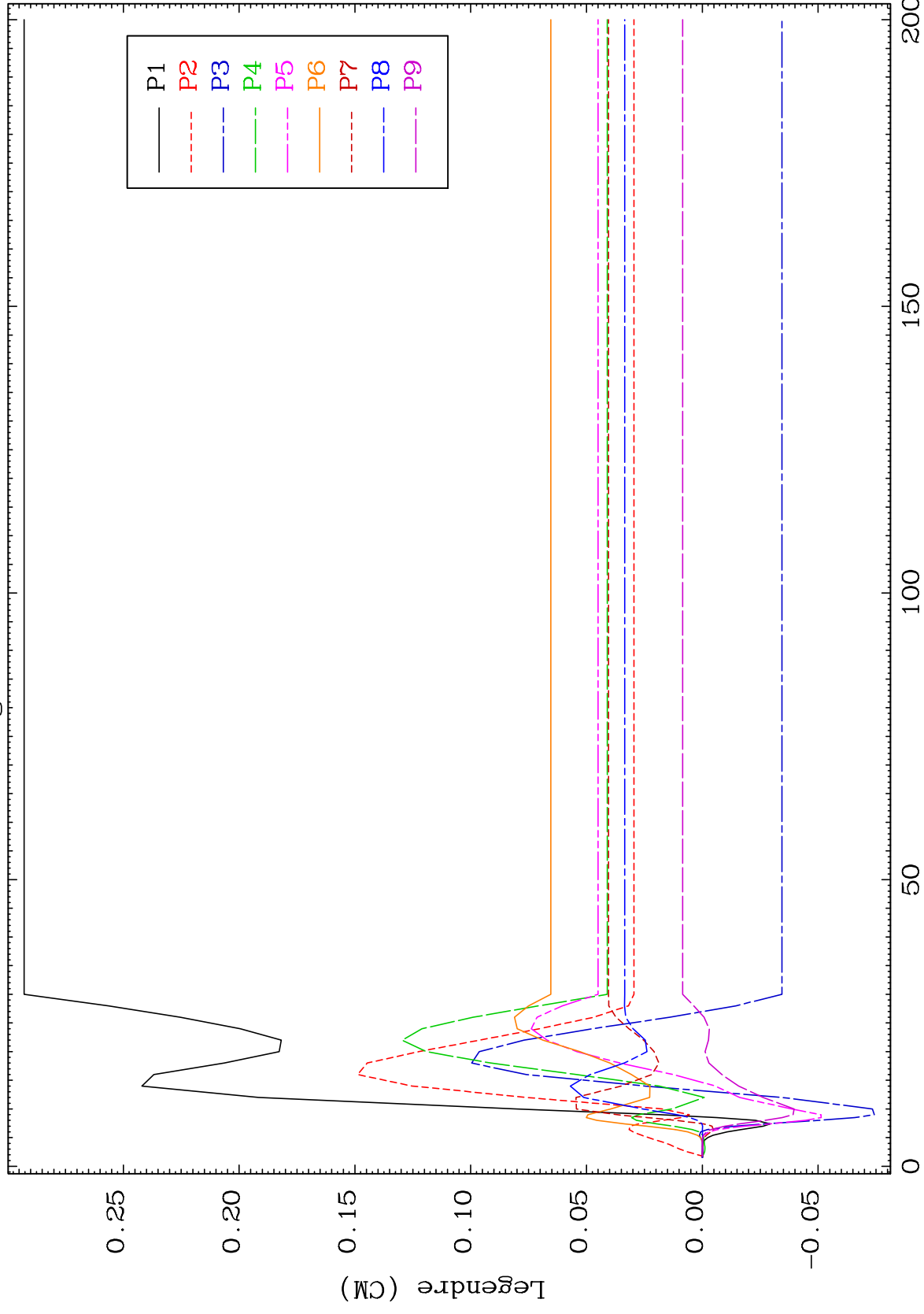
51-Sb-123



MAT 5131

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

51-Sb-123



59

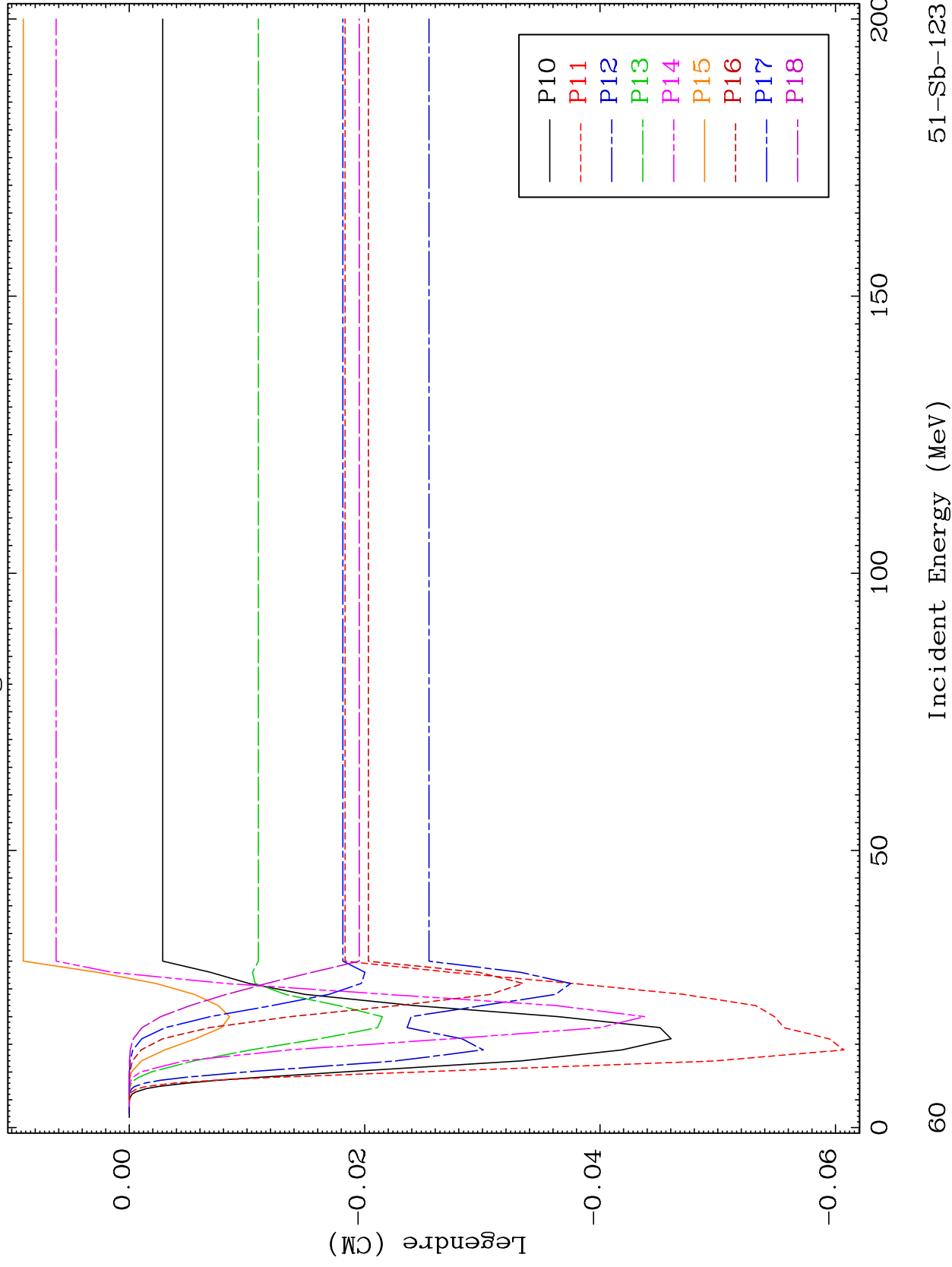
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

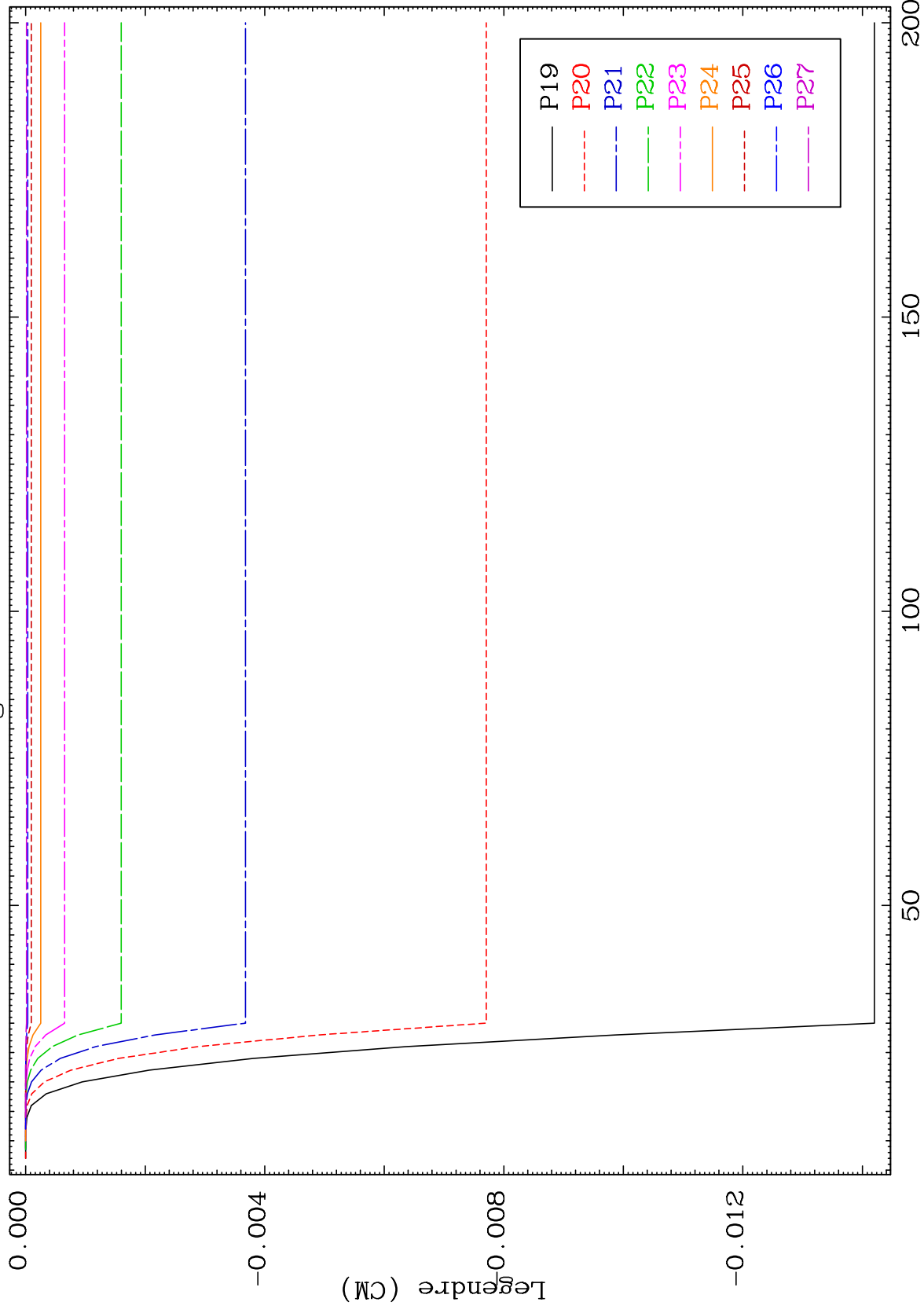
Incident Energy (MeV)

60

MAT 5131

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

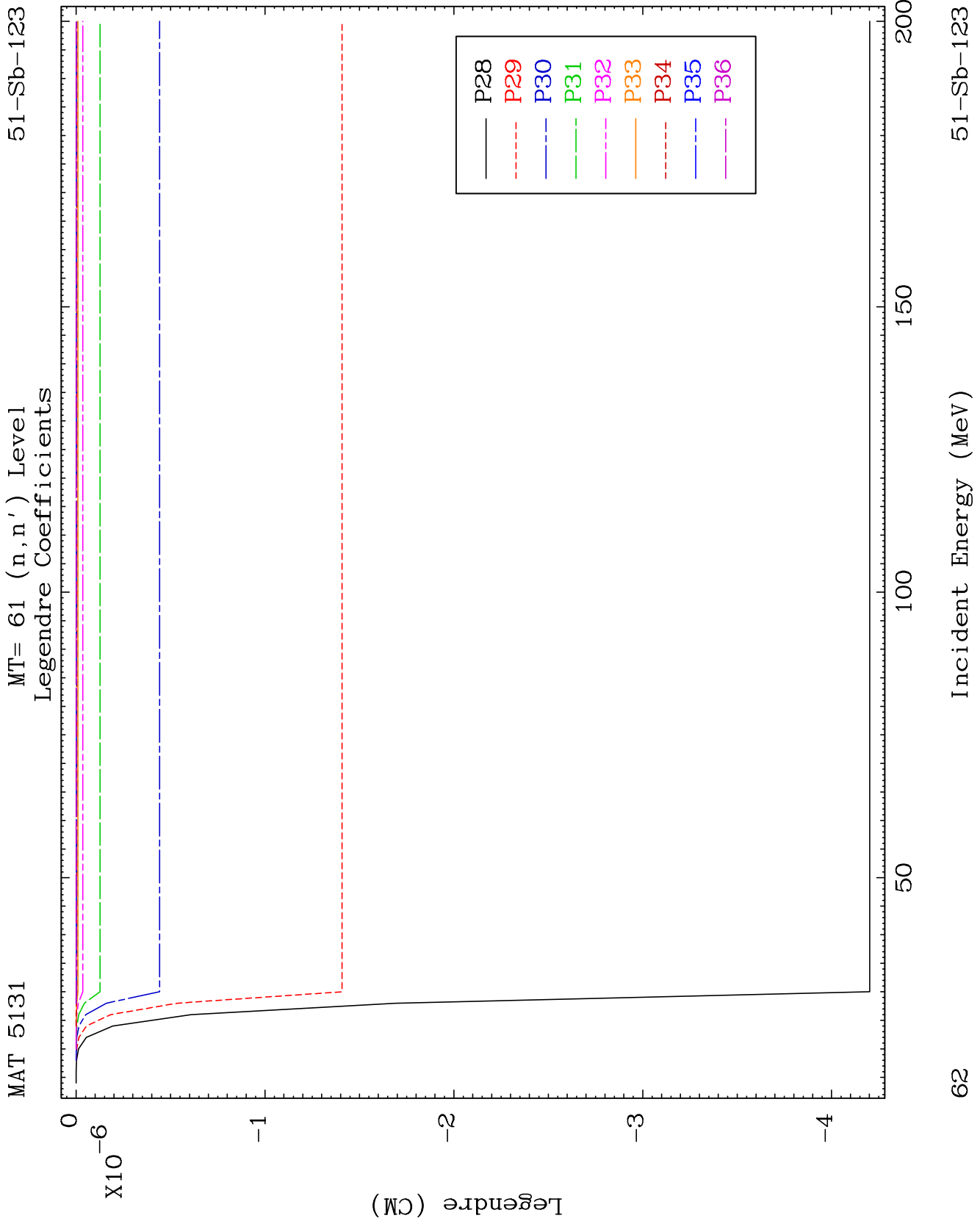
51-Sb-123



61

Incident Energy (MeV)

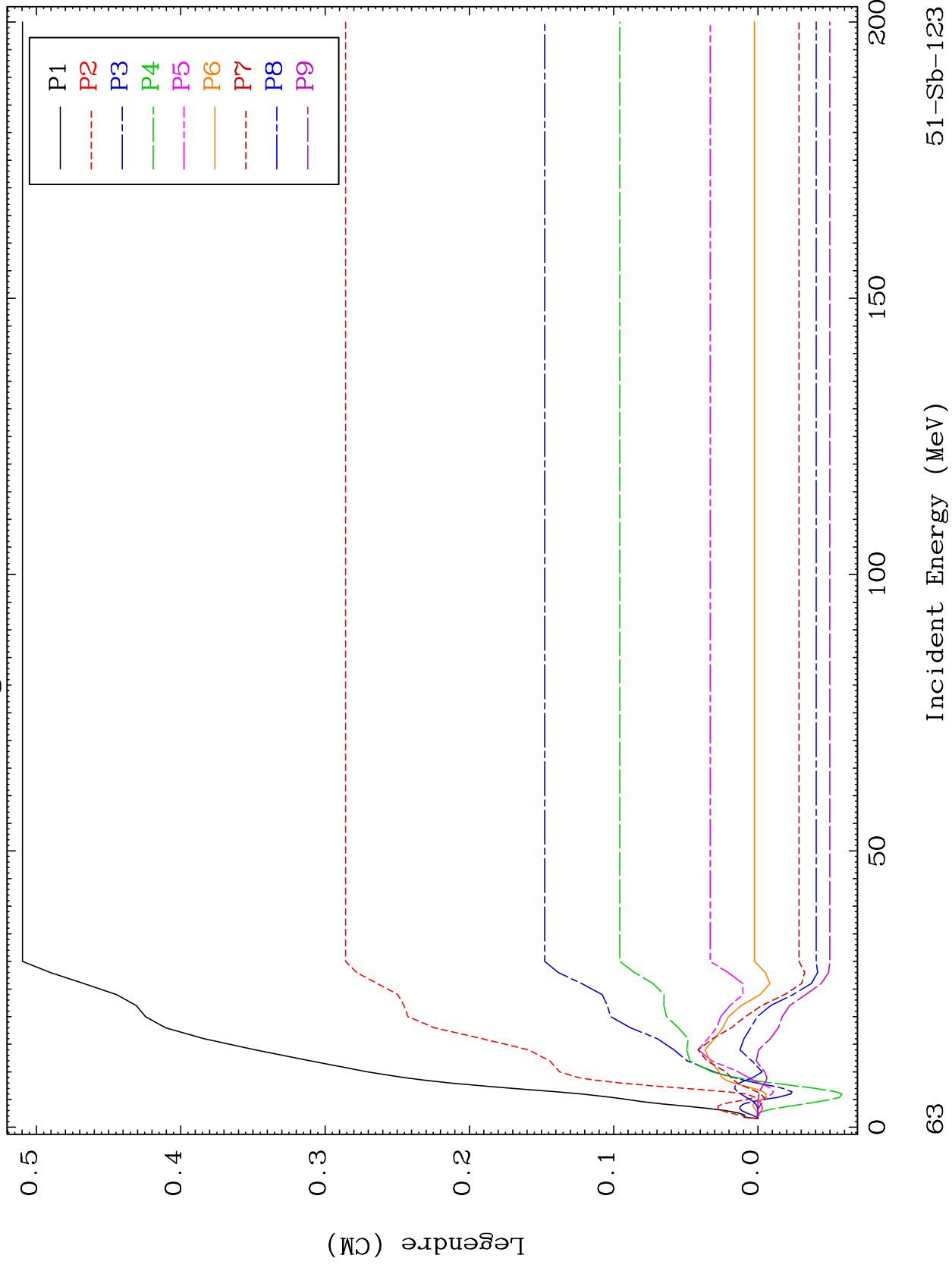
51-Sb-123



MAT 5131

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

51-Sb-123



51-Sb-123

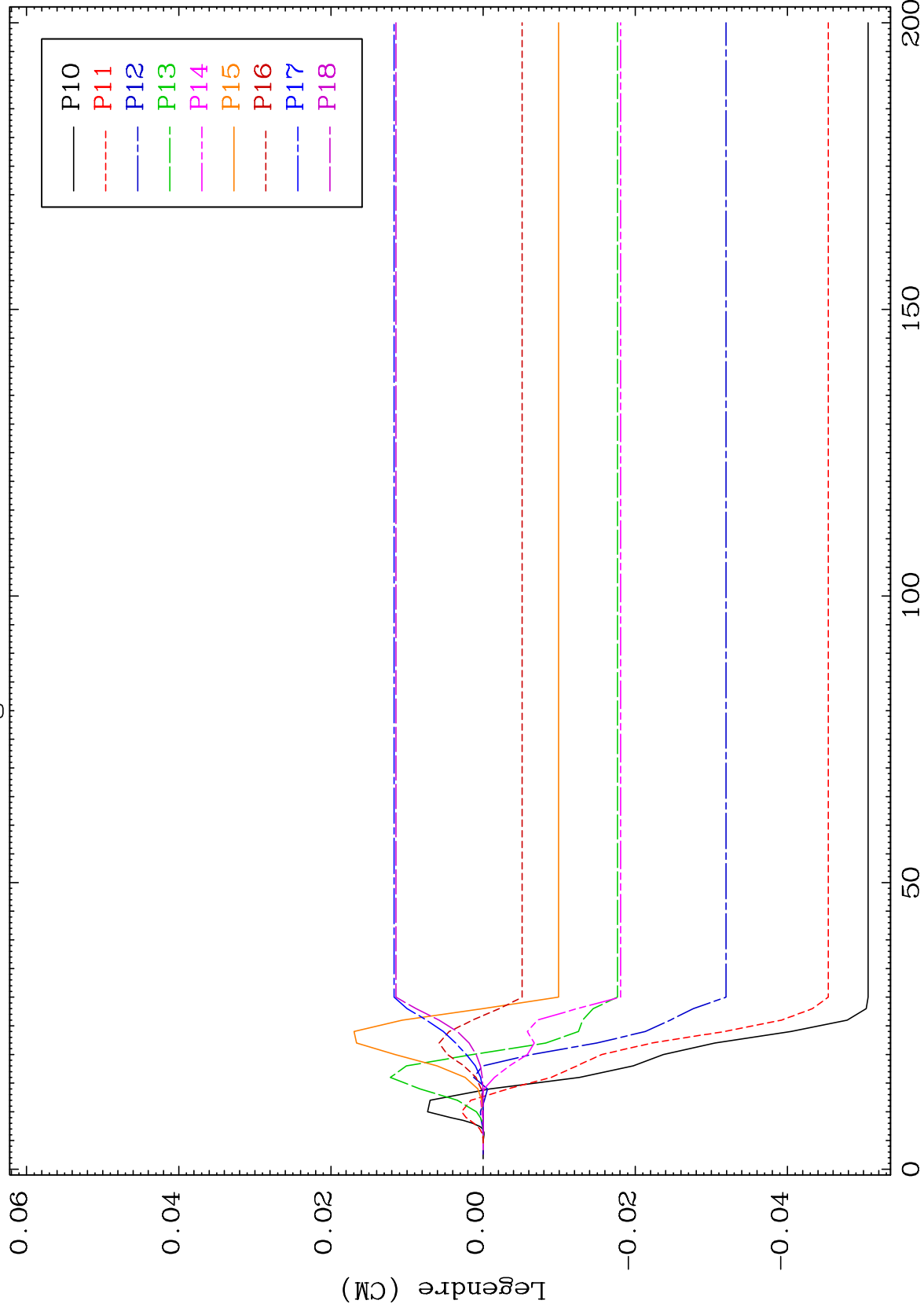
Incident Energy (MeV)

63

MAT 5131

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

51-Sb-123



64

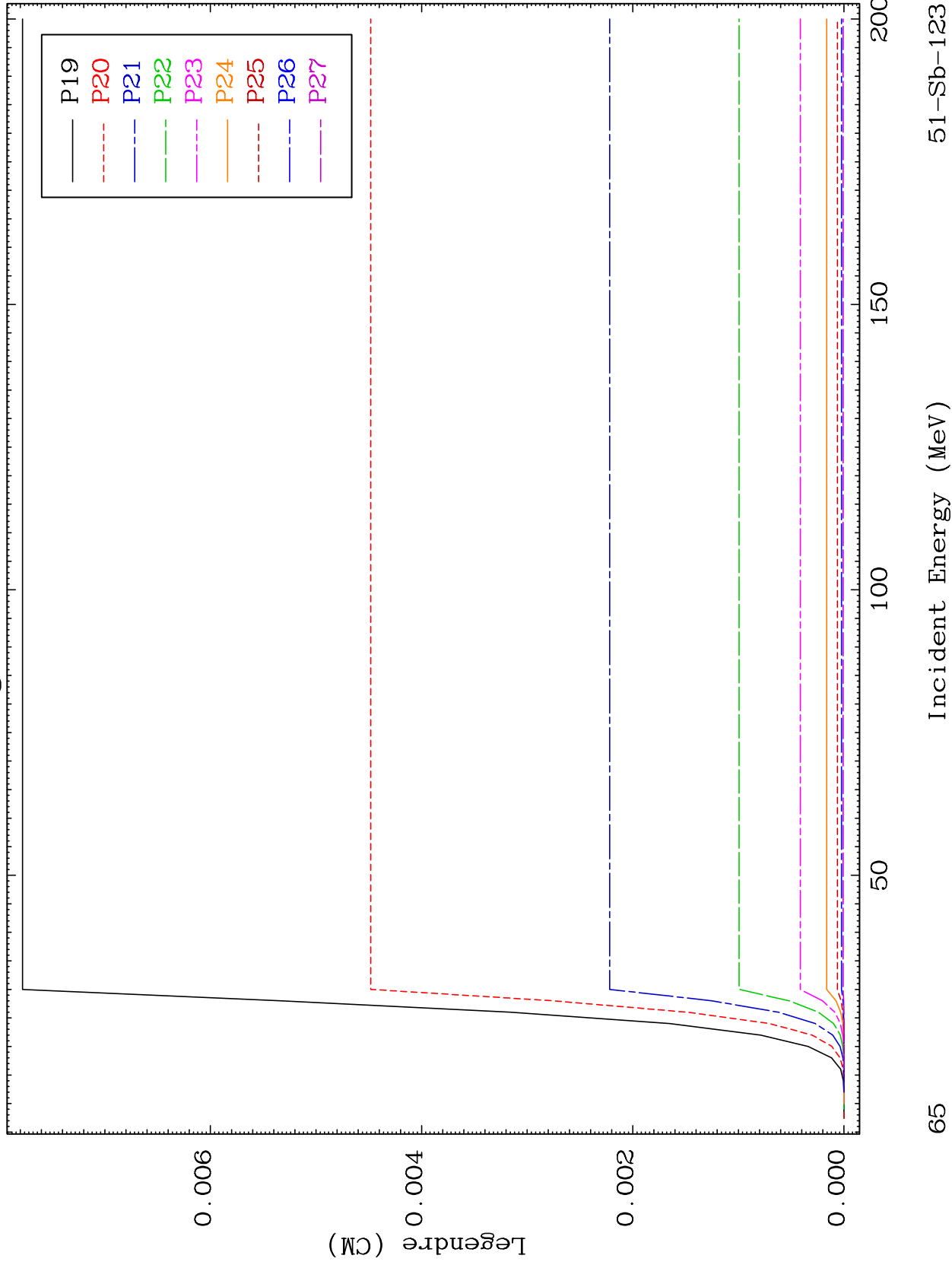
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

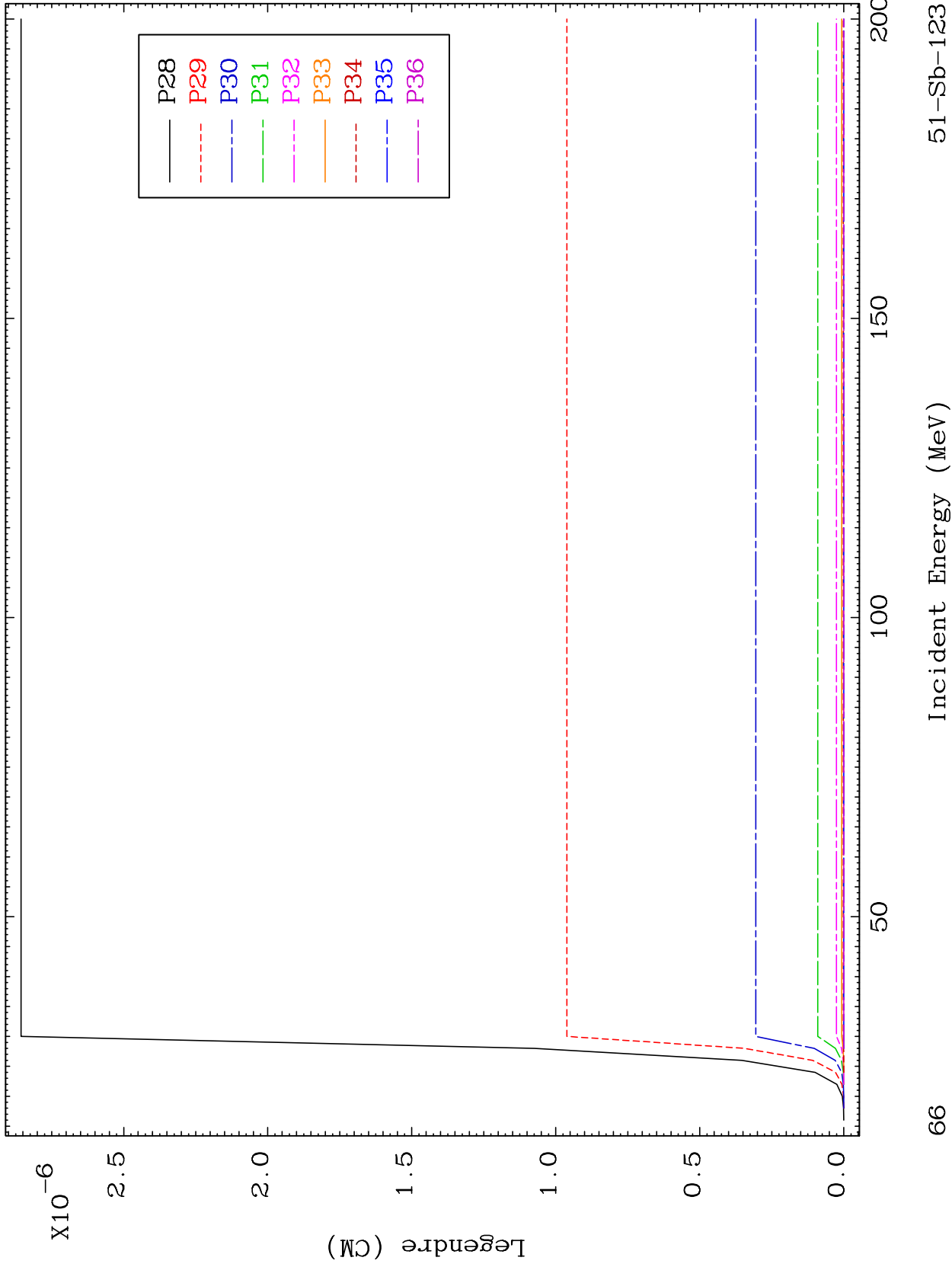
51-Sb-123



65

Incident Energy (MeV)

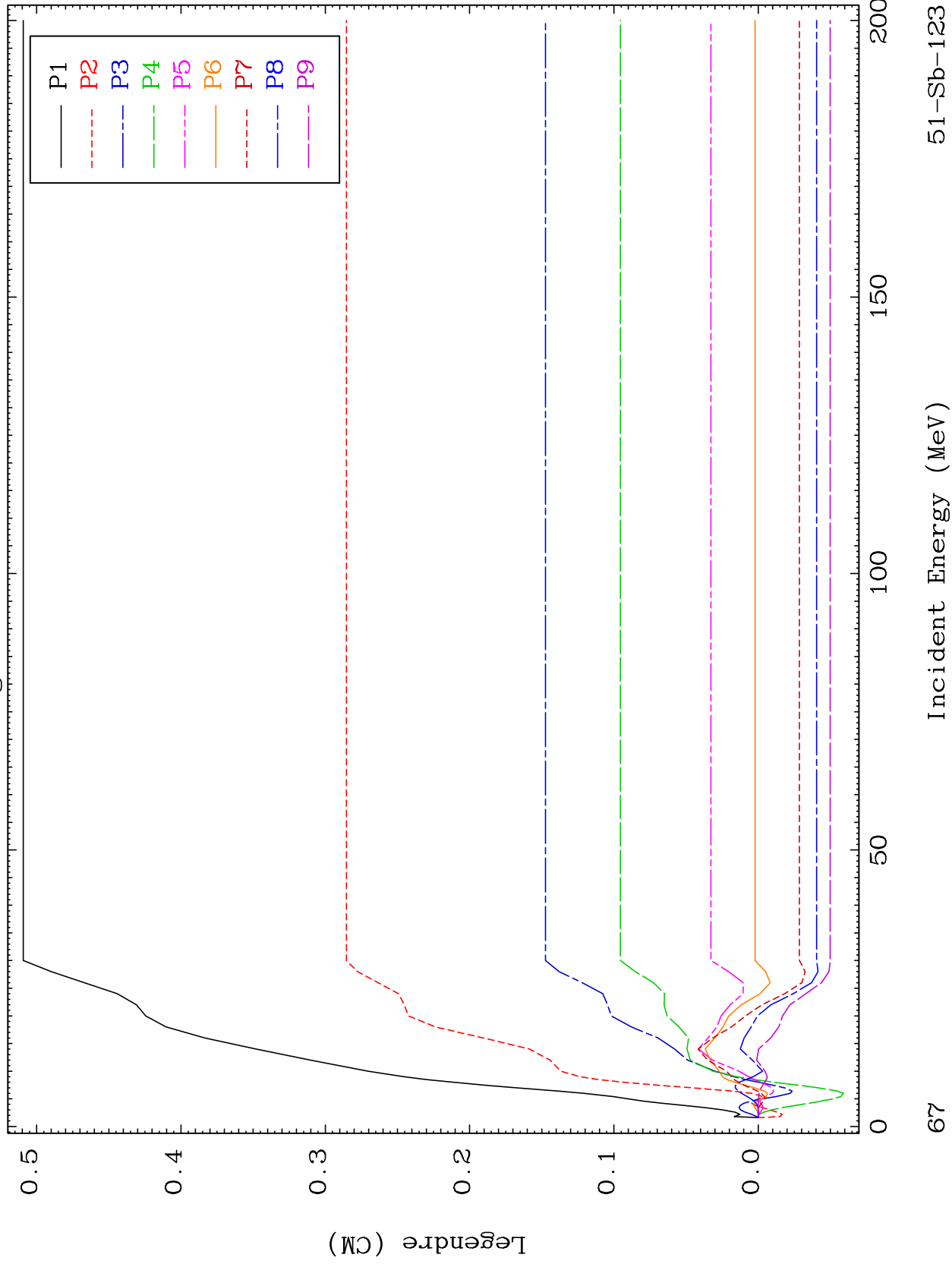
51-Sb-123



MAT 5131

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

51-Sb-123



51-Sb-123

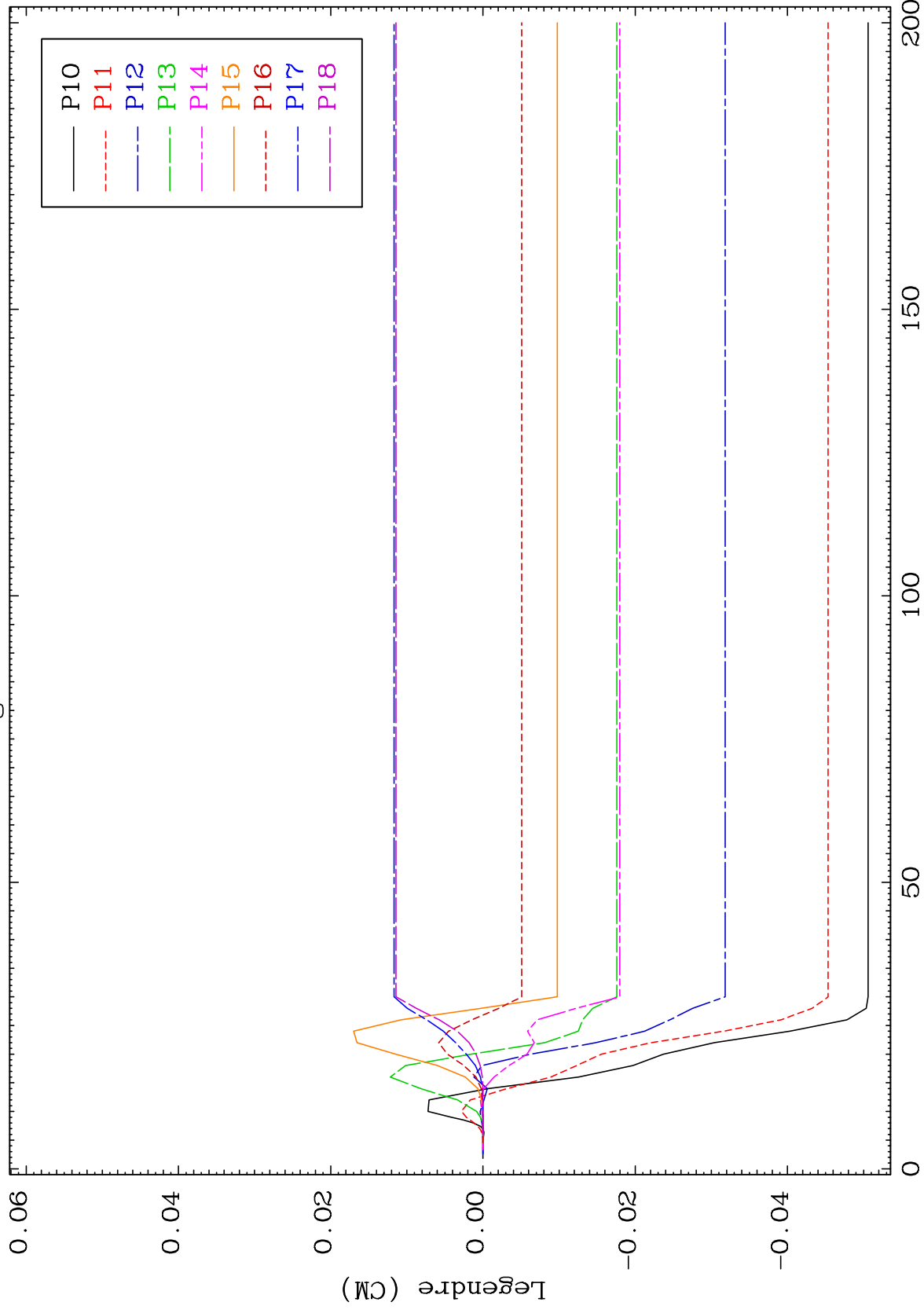
Incident Energy (MeV)

67

MAT 5131

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

51-Sb-123



68

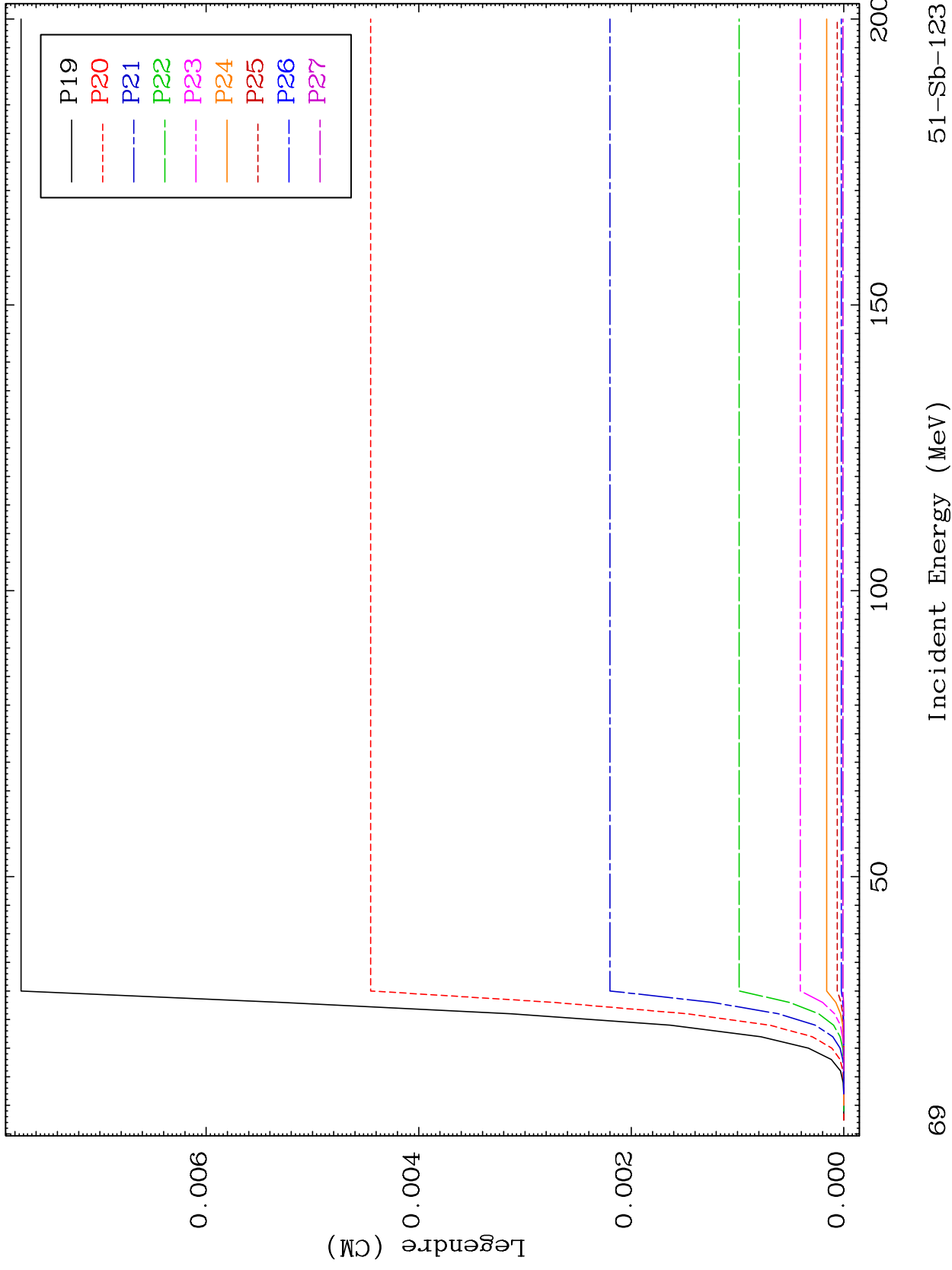
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



69

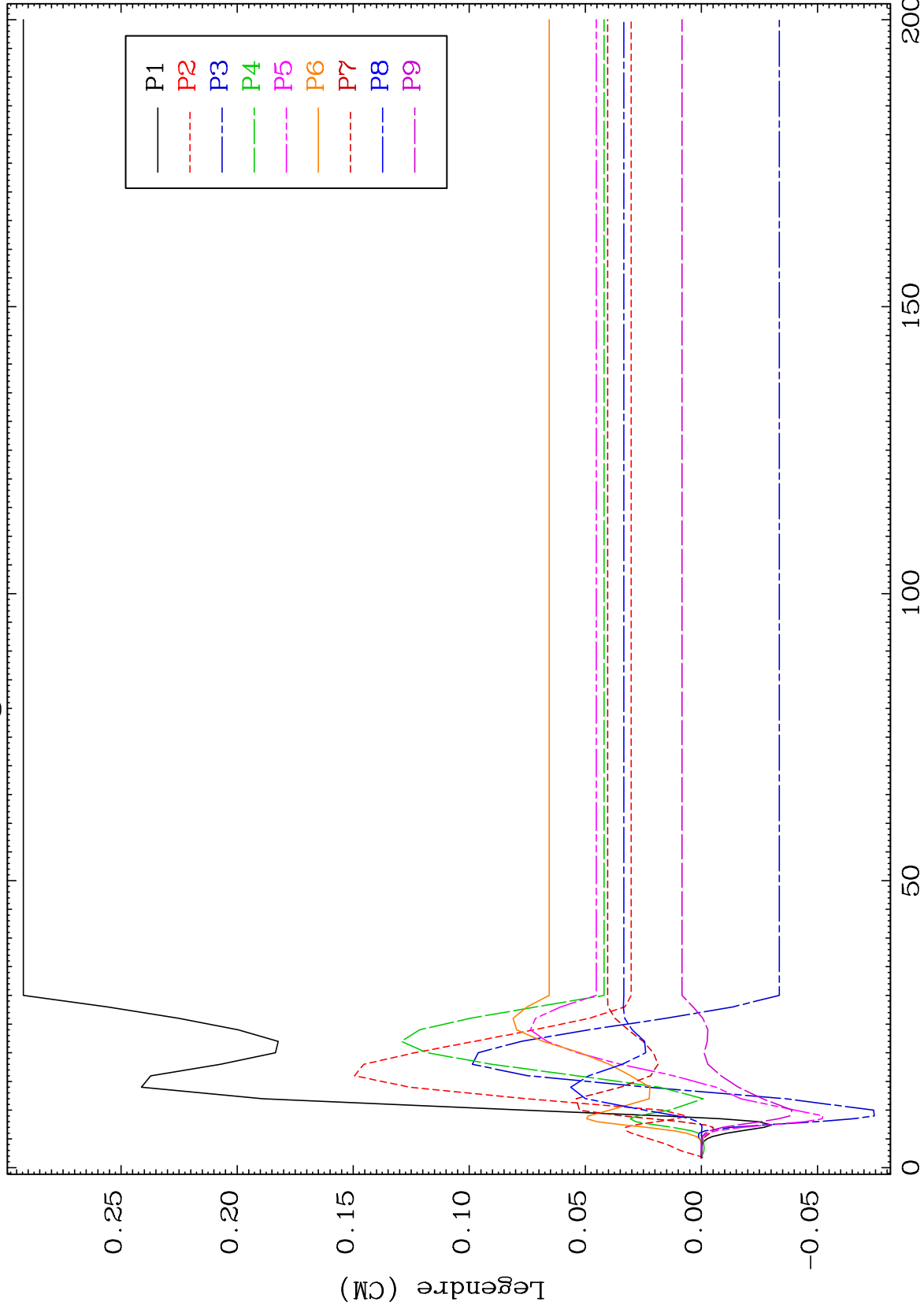
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



71

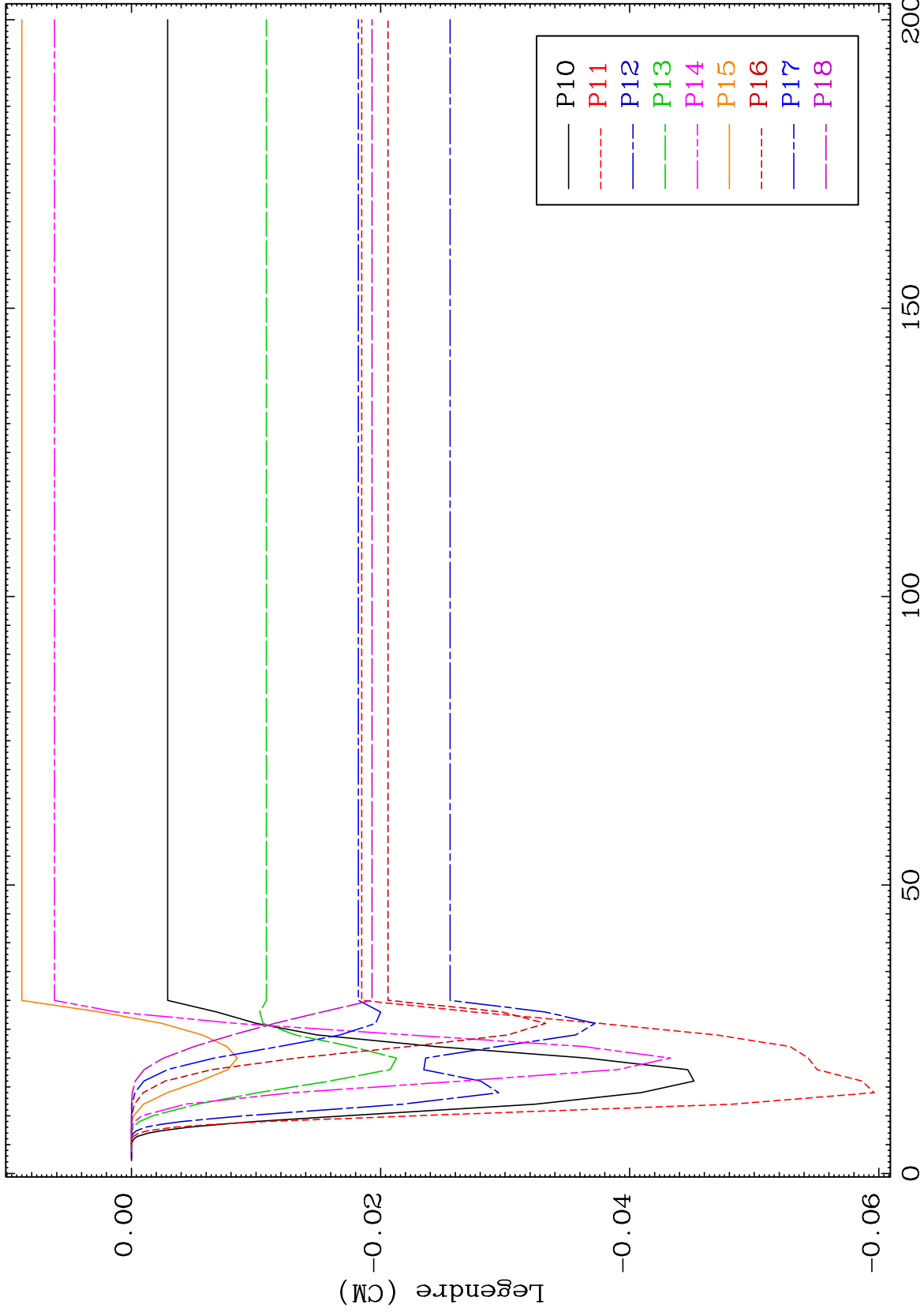
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123

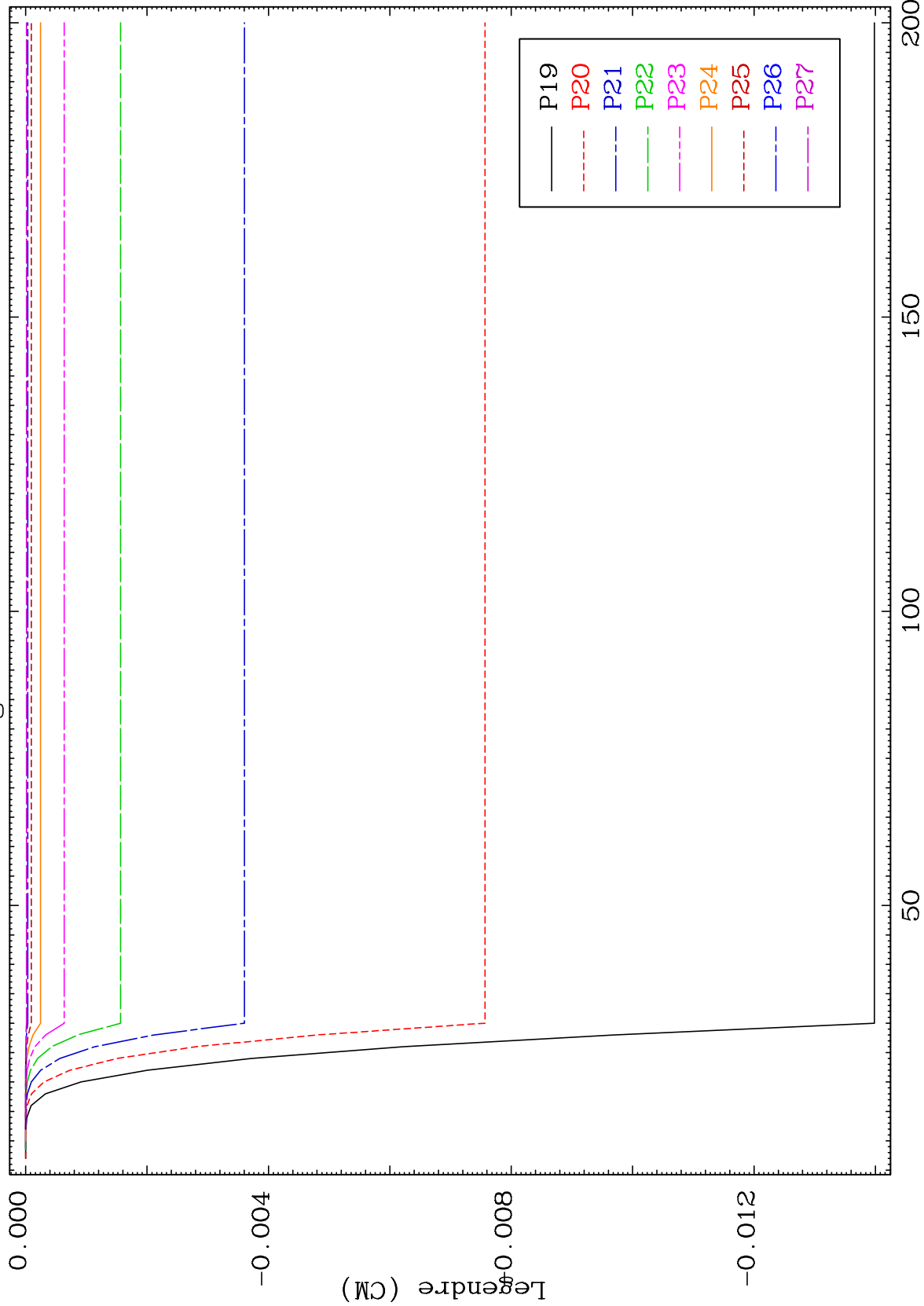


72

Incident Energy (MeV)

51-Sb-123

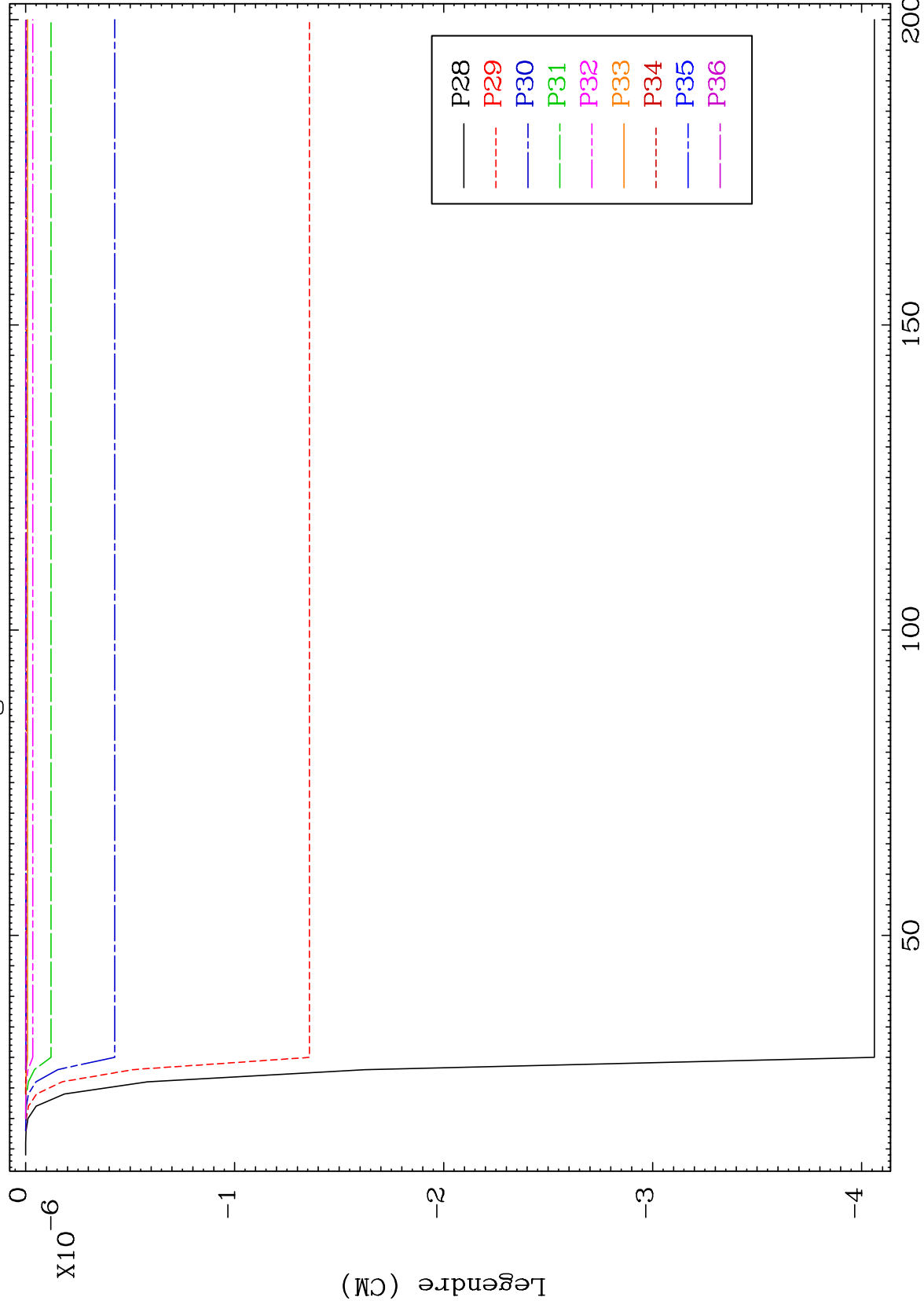
Legendre Coefficients



MAT 5131

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

51-Sb-123



74

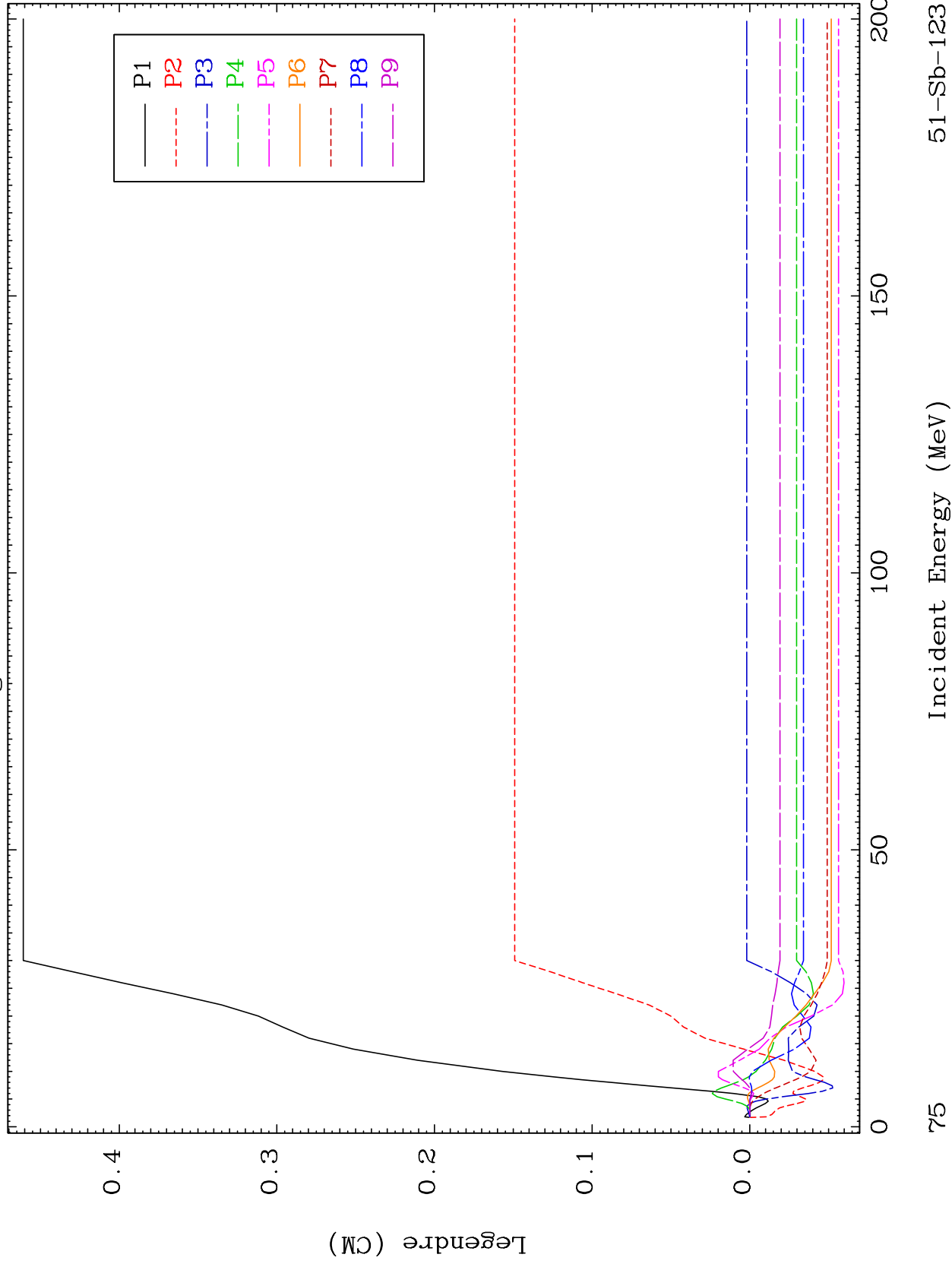
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

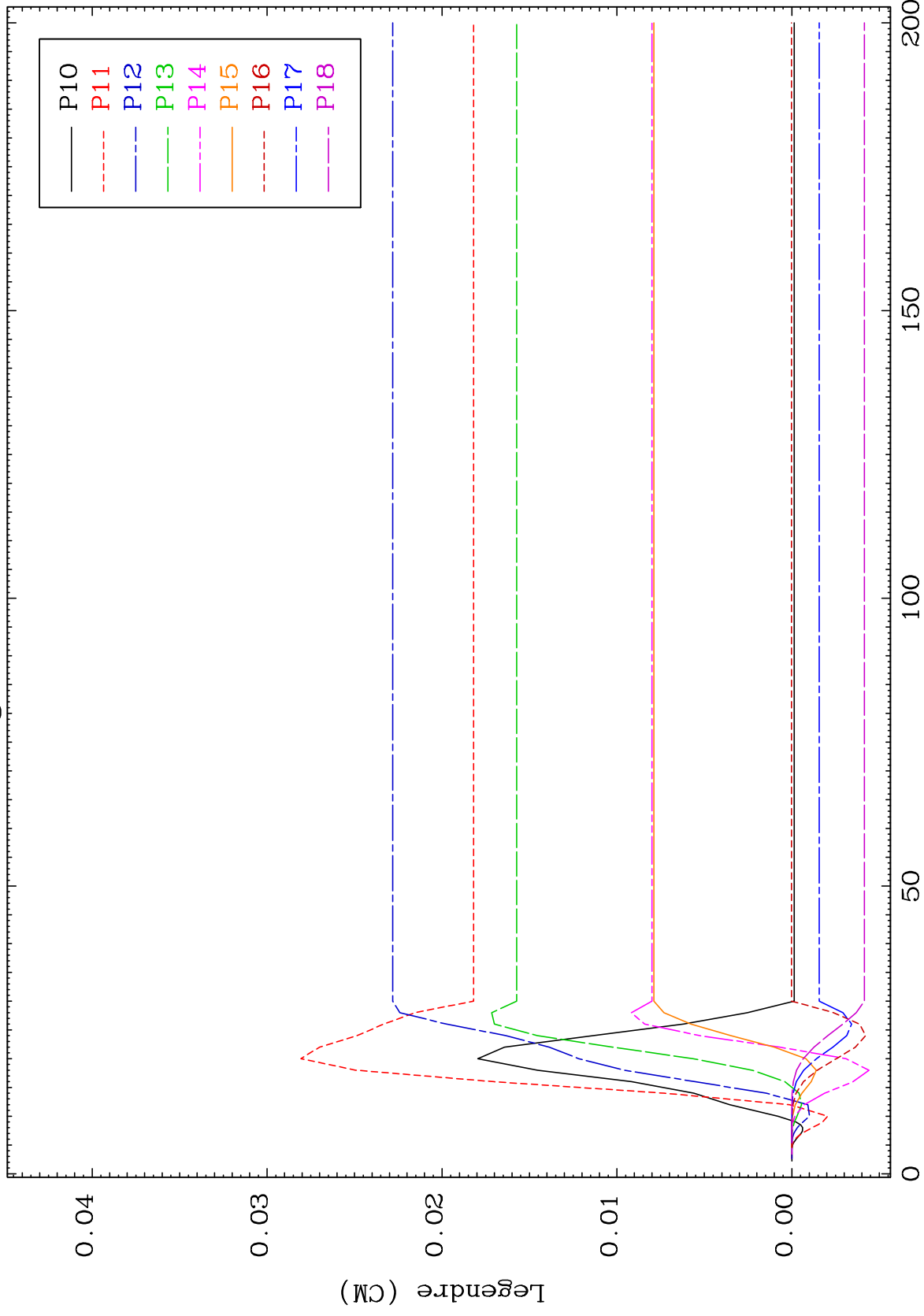
Incident Energy (MeV)

75

MAT 5131

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

51-Sb-123



76

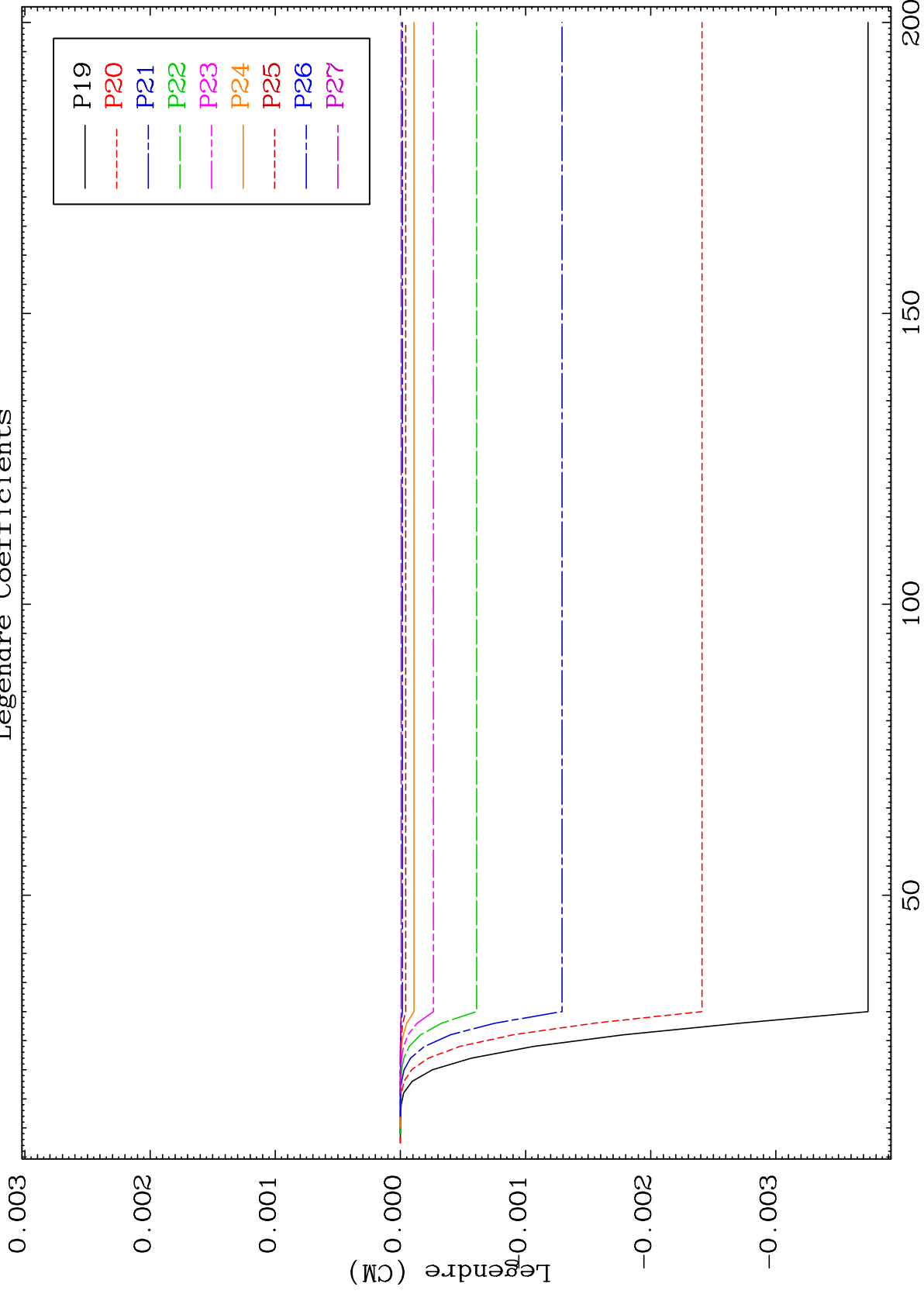
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



77

Incident Energy (MeV)

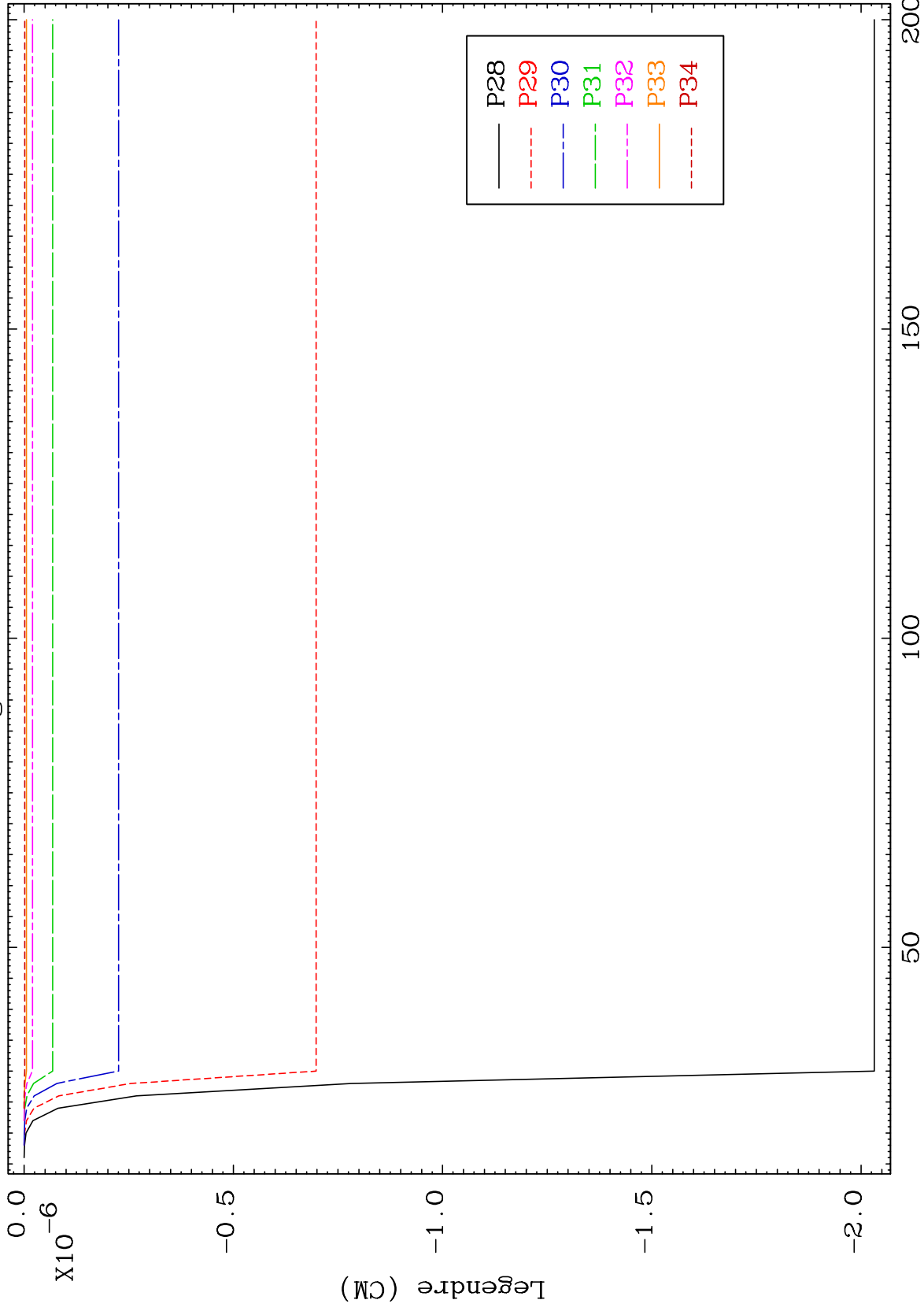
51-Sb-123

MAT 5131

MT= 65 (n,n') Level

51-Sb-123

Legendre Coefficients



78

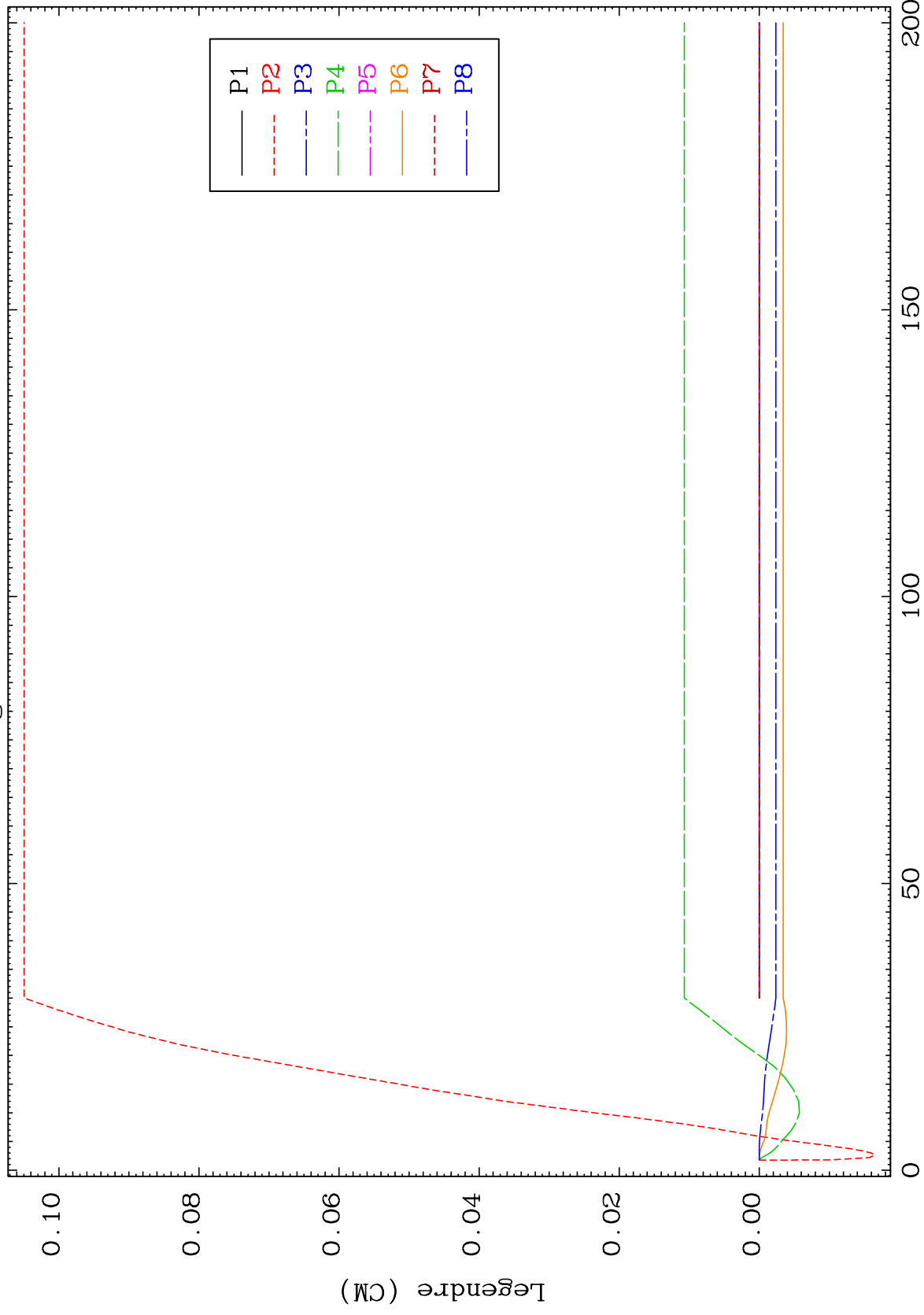
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



79

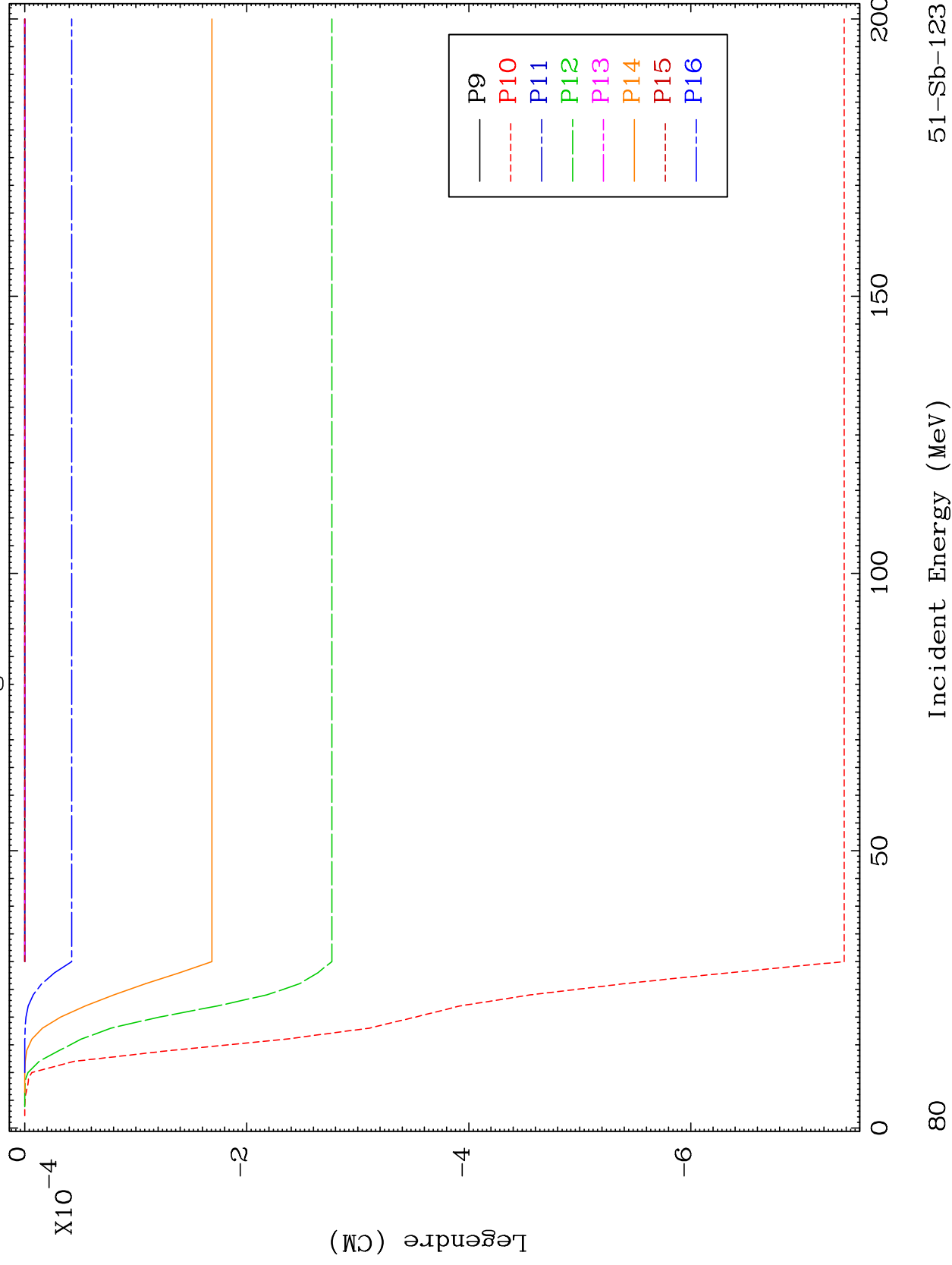
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

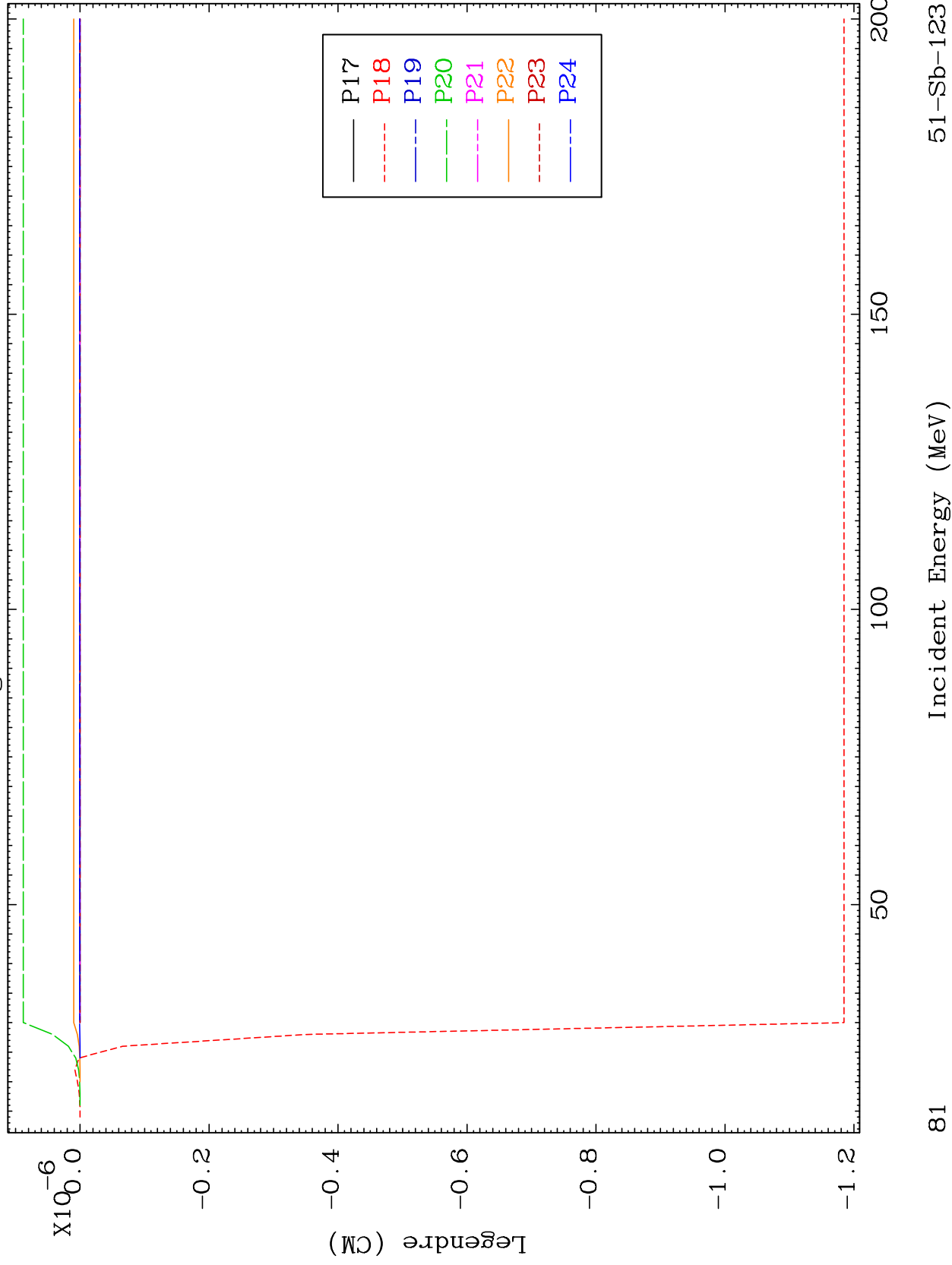
Incident Energy (MeV)

80

MAT 5131

51-Sb-123

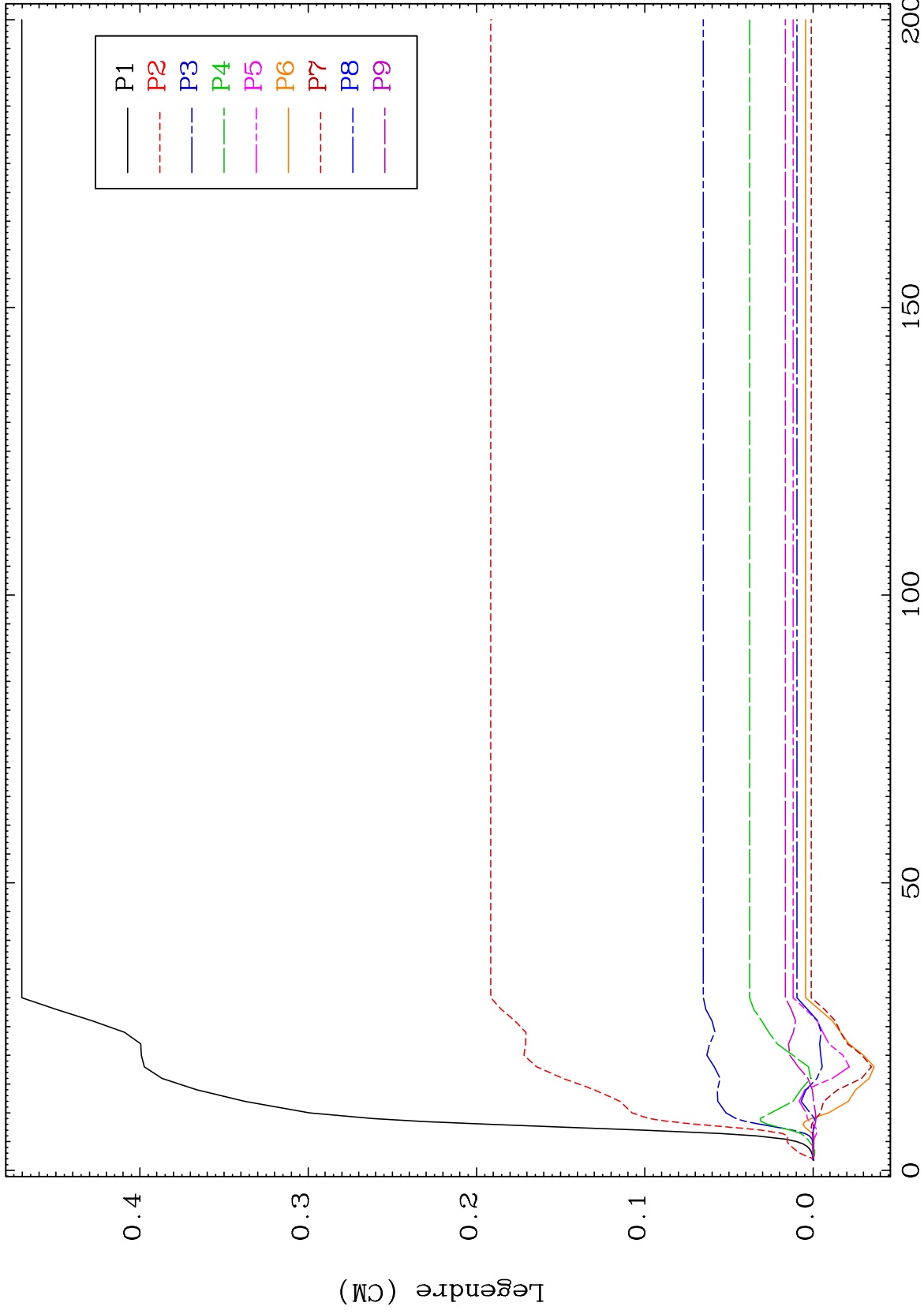
MT= 66 (n,n') Level
Legendre Coefficients

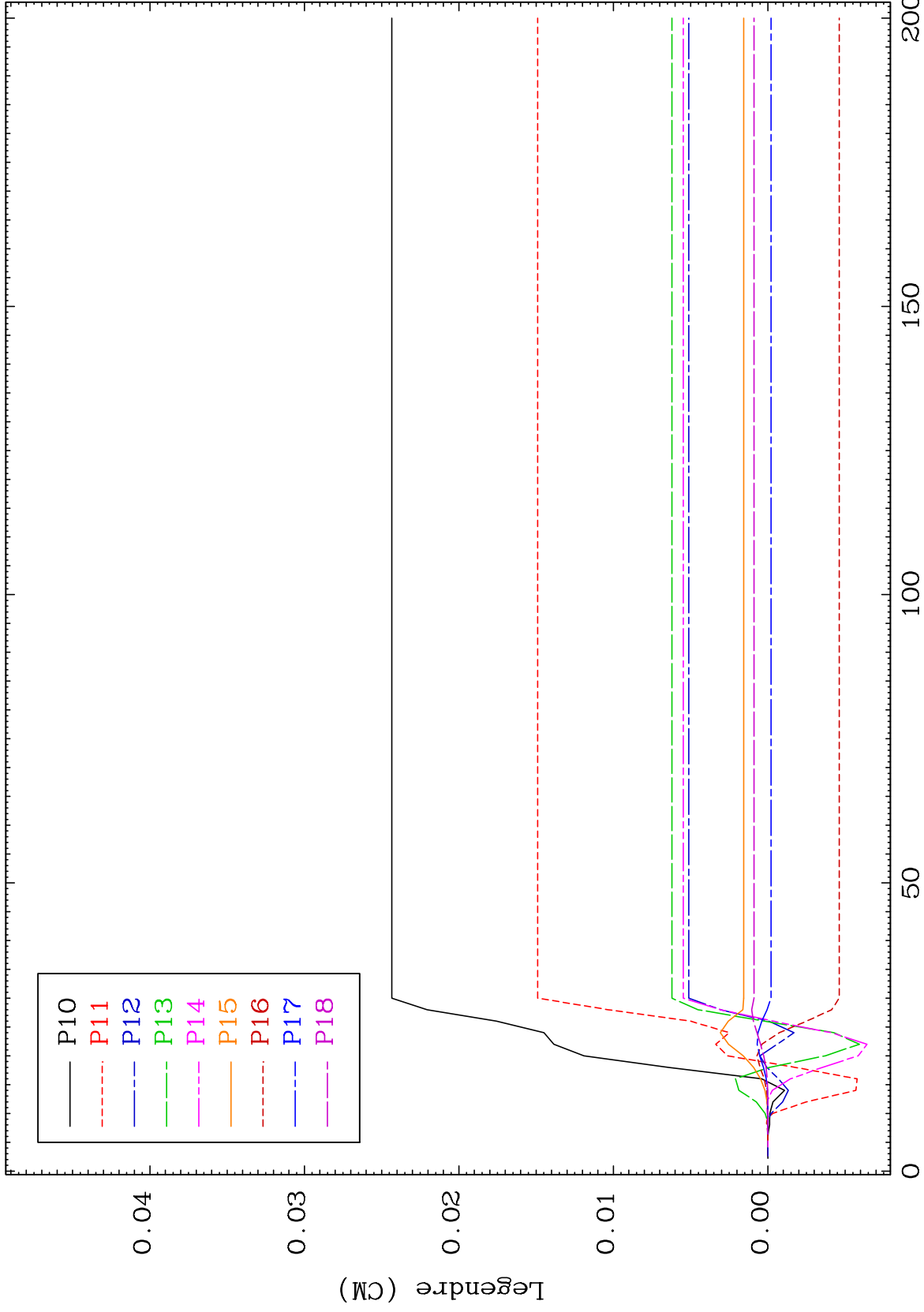


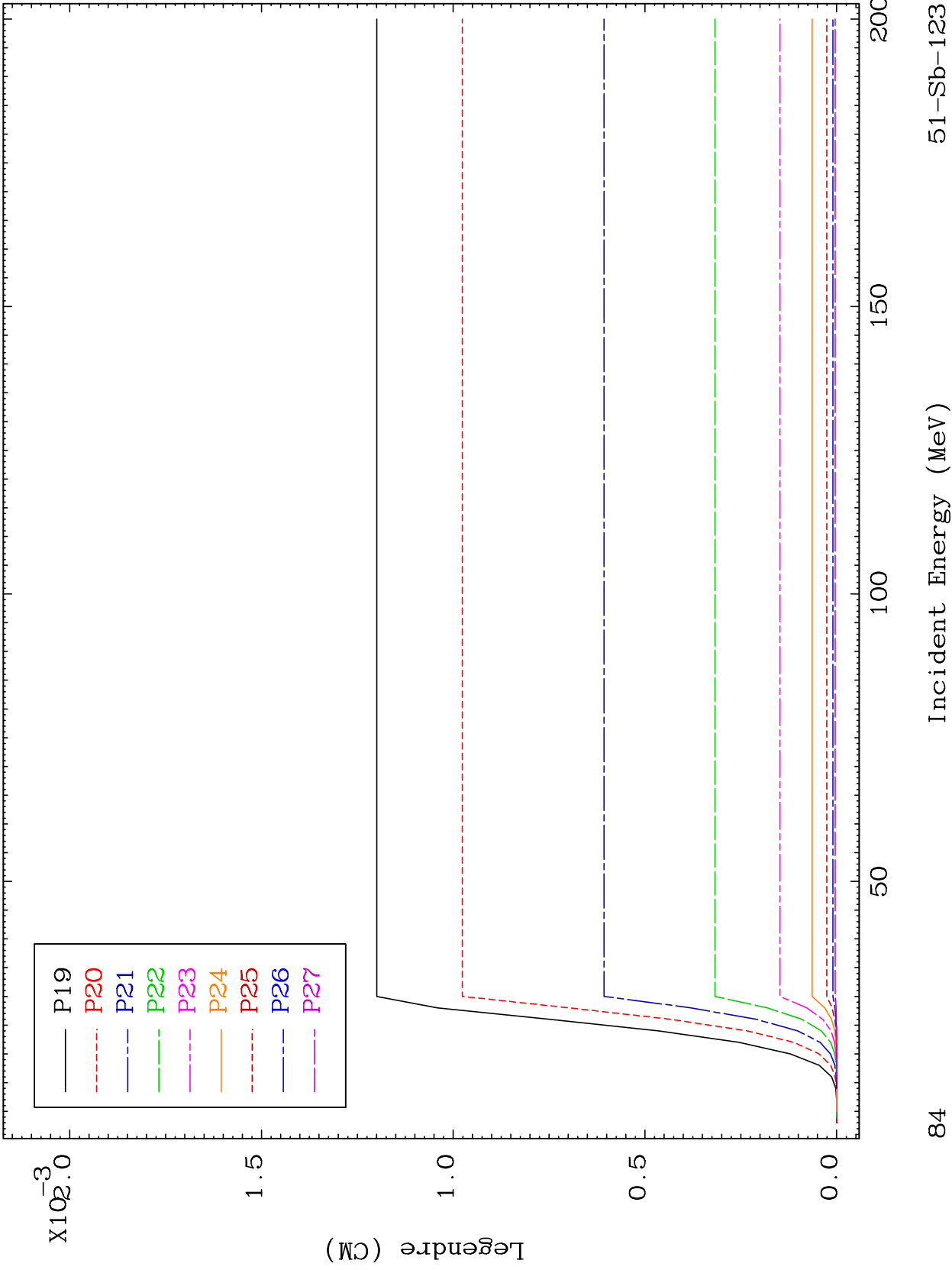
81

Incident Energy (MeV)

51-Sb-123



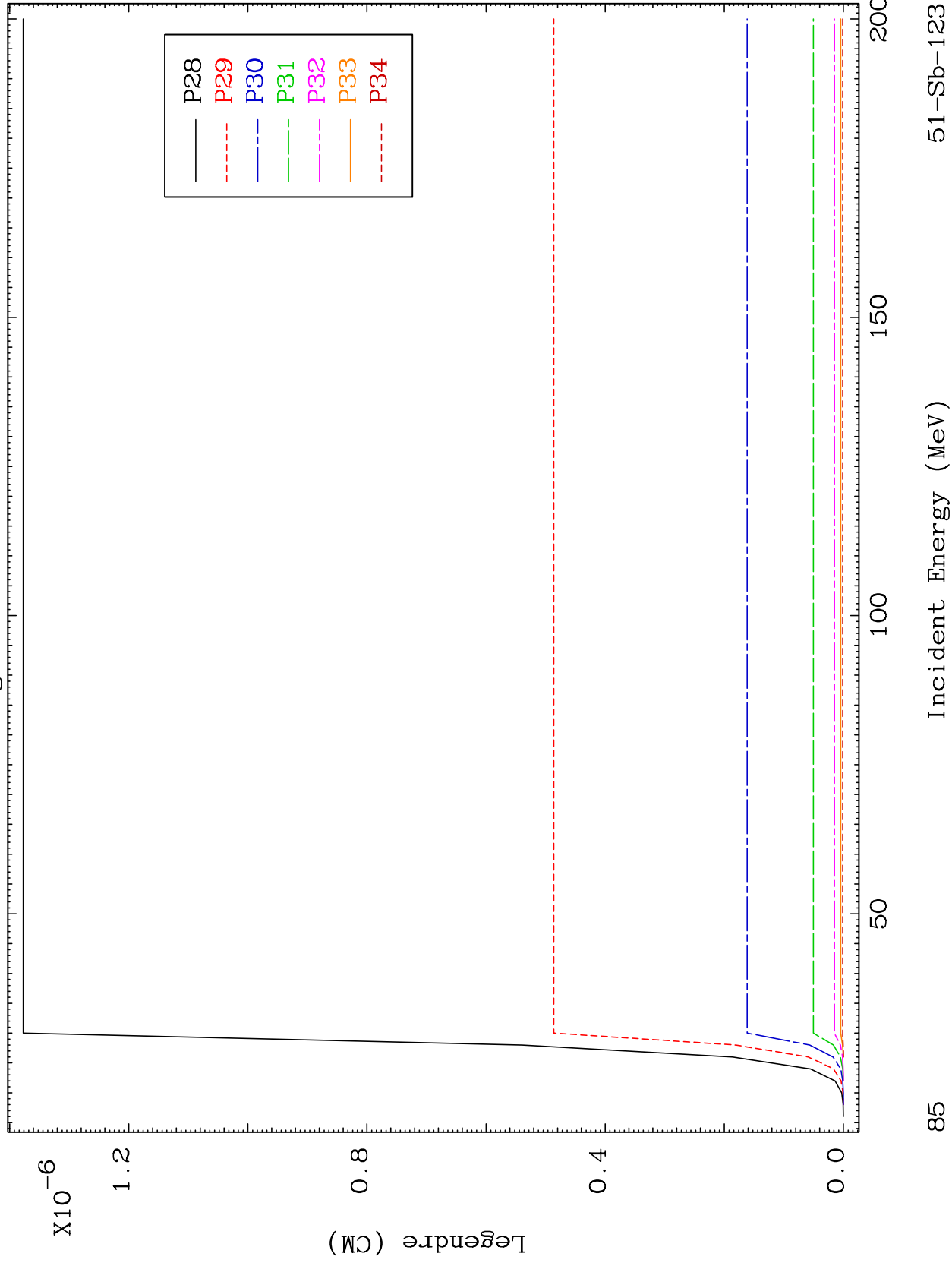




MAT 5131

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

51-Sb-123



51-Sb-123

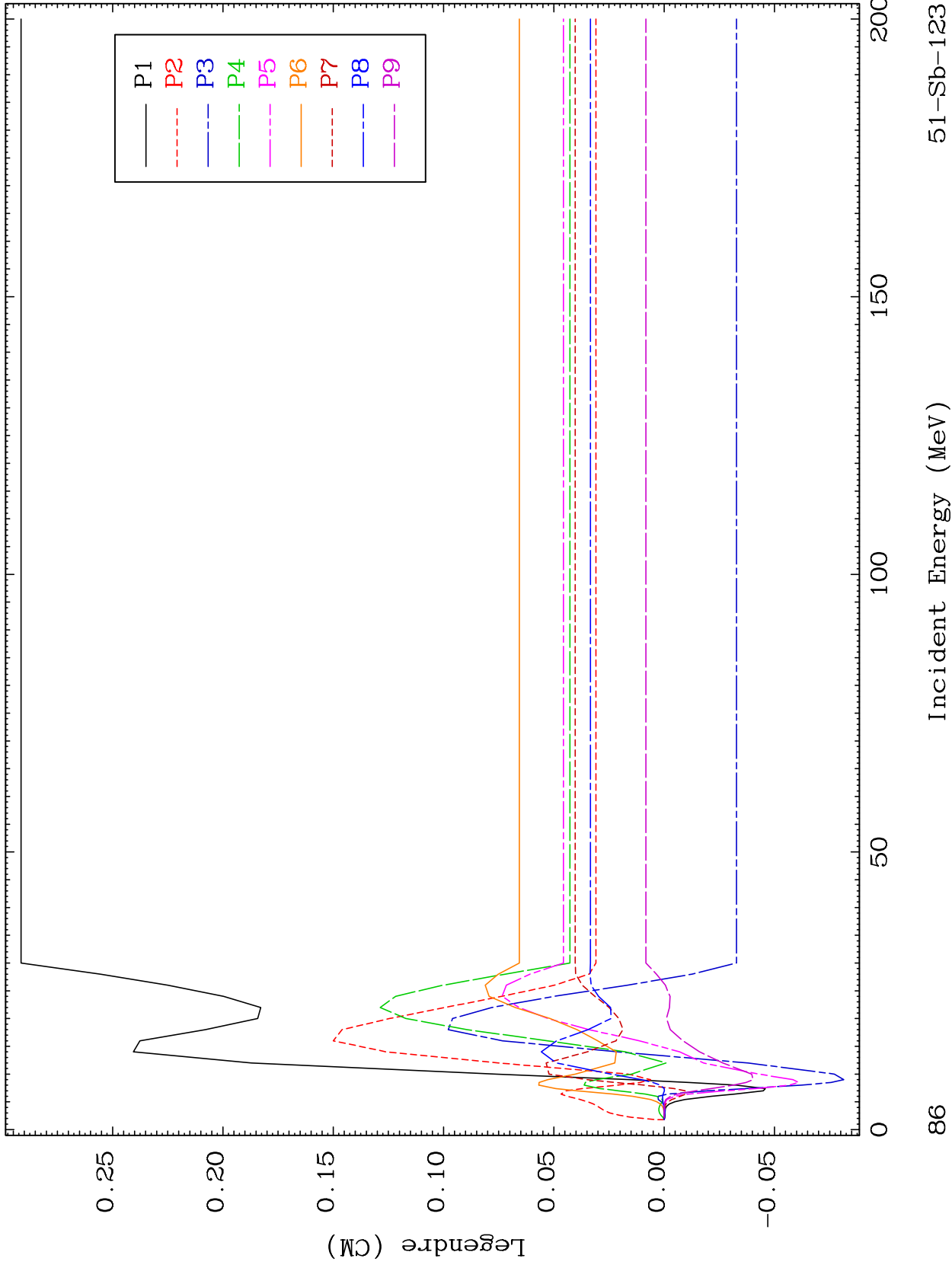
Incident Energy (MeV)

85

MAT 5131

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

51-Sb-123



51-Sb-123

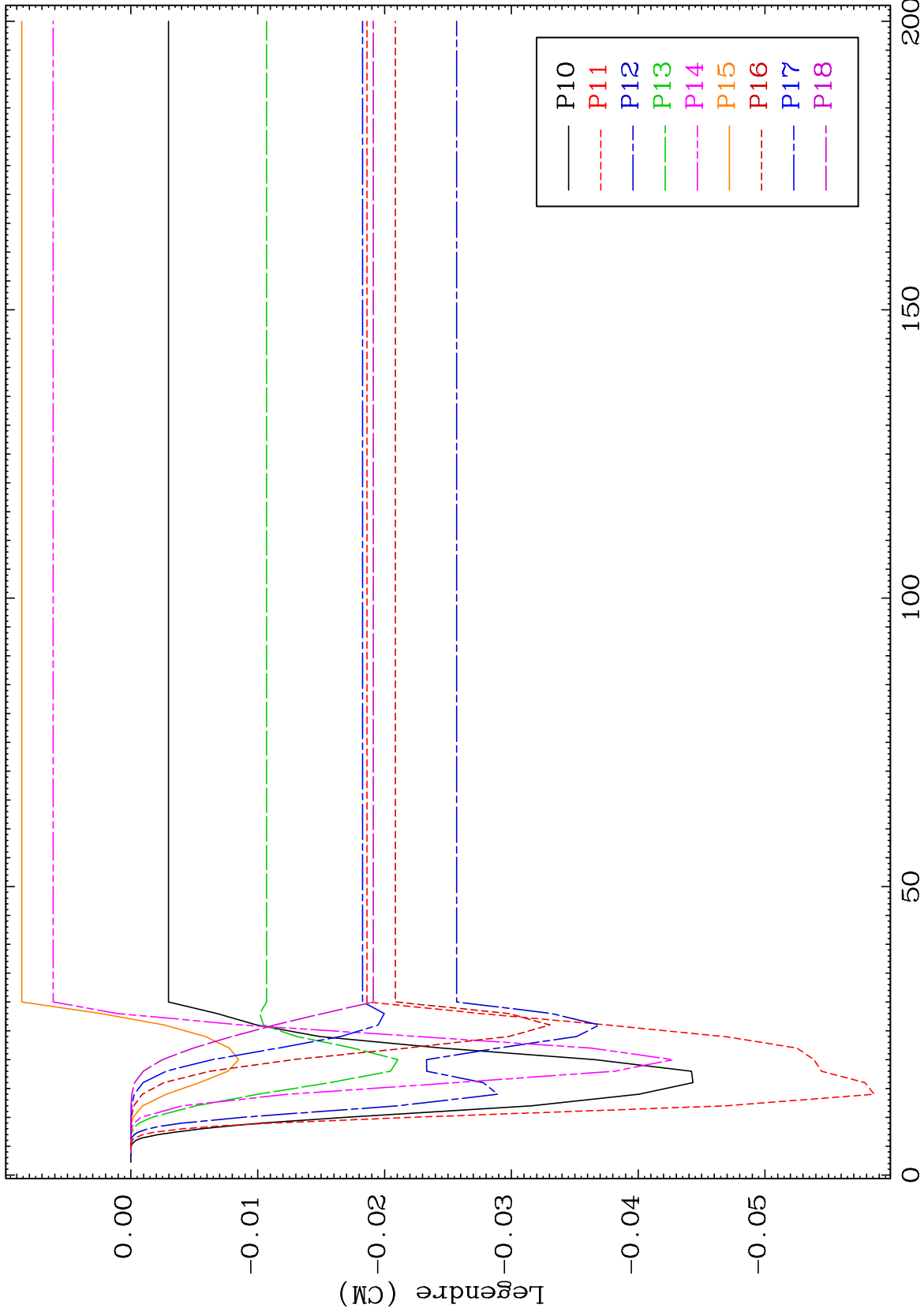
Incident Energy (MeV)

86

MAT 5131

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

51-Sb-123



87

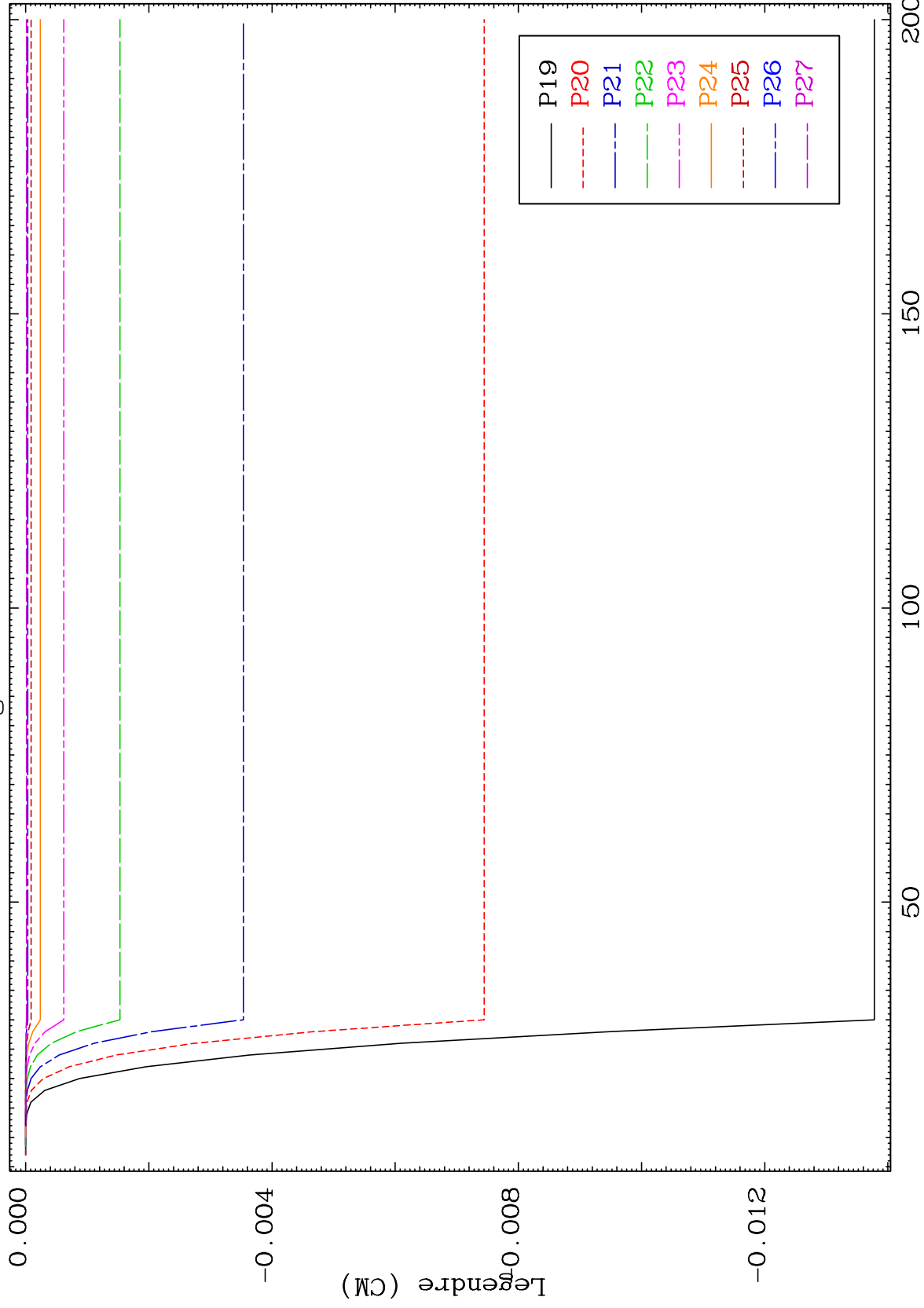
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



88

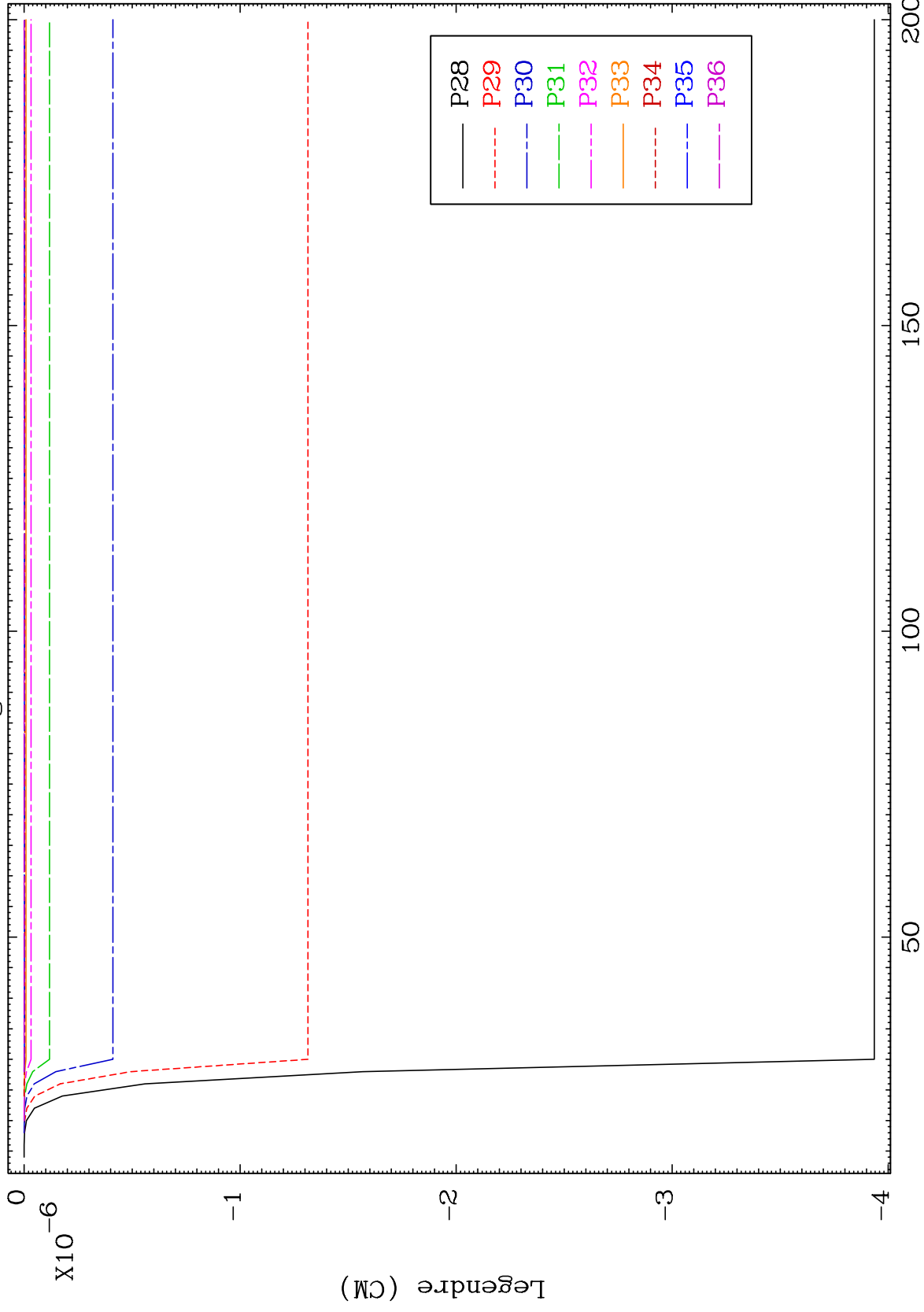
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



89

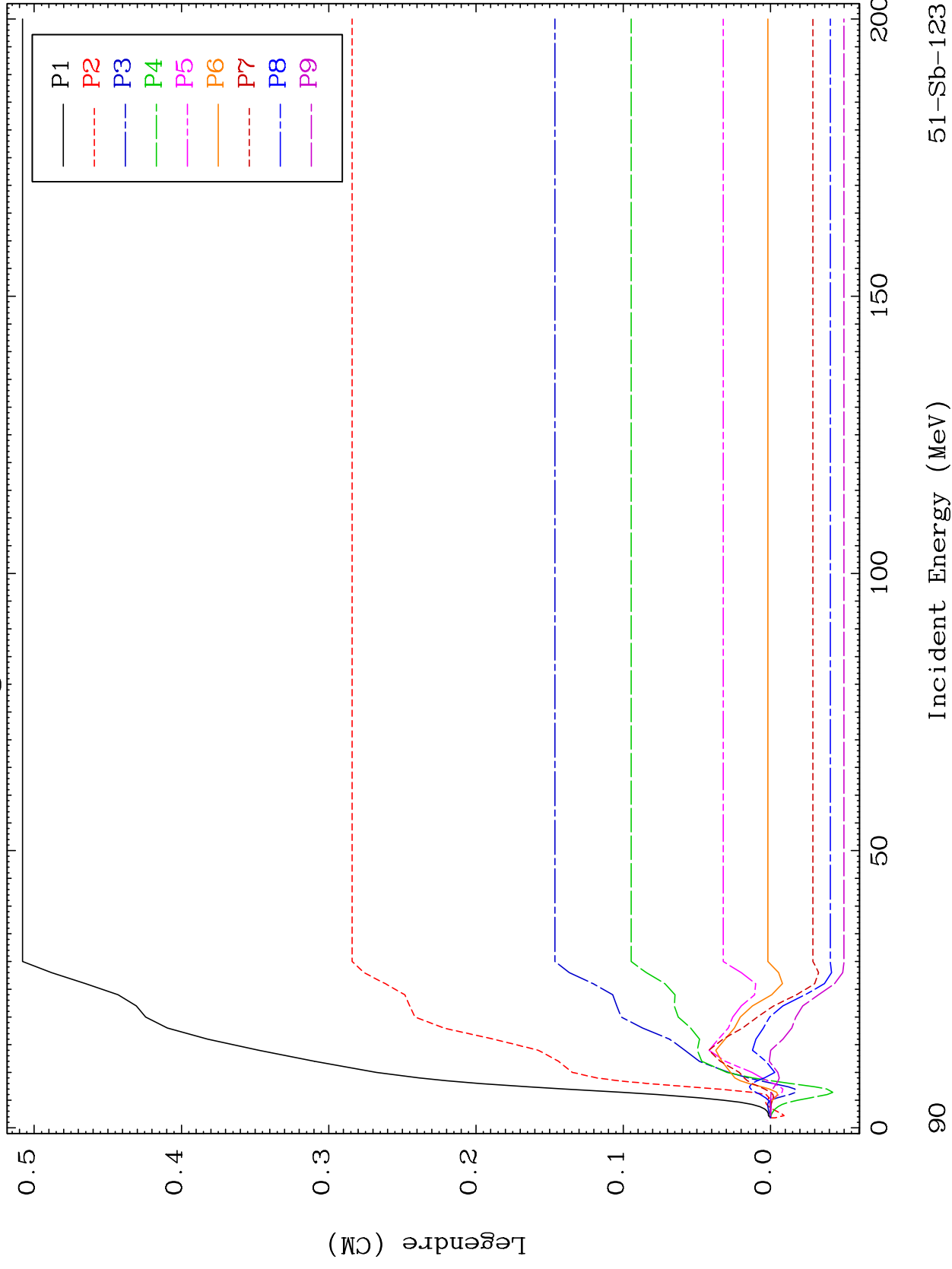
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

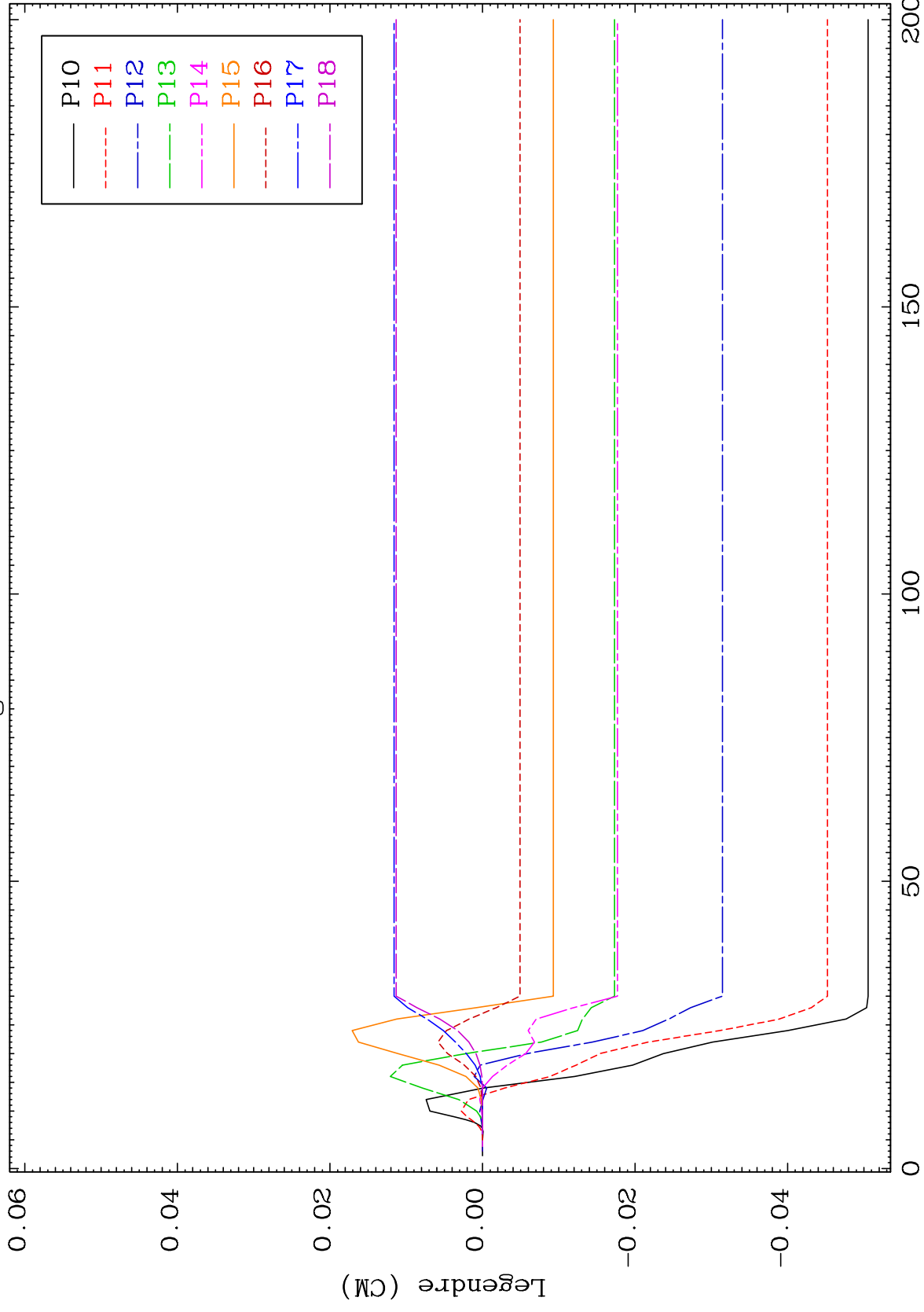
Incident Energy (MeV)

90

MAT 5131

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

51-Sb-123



91

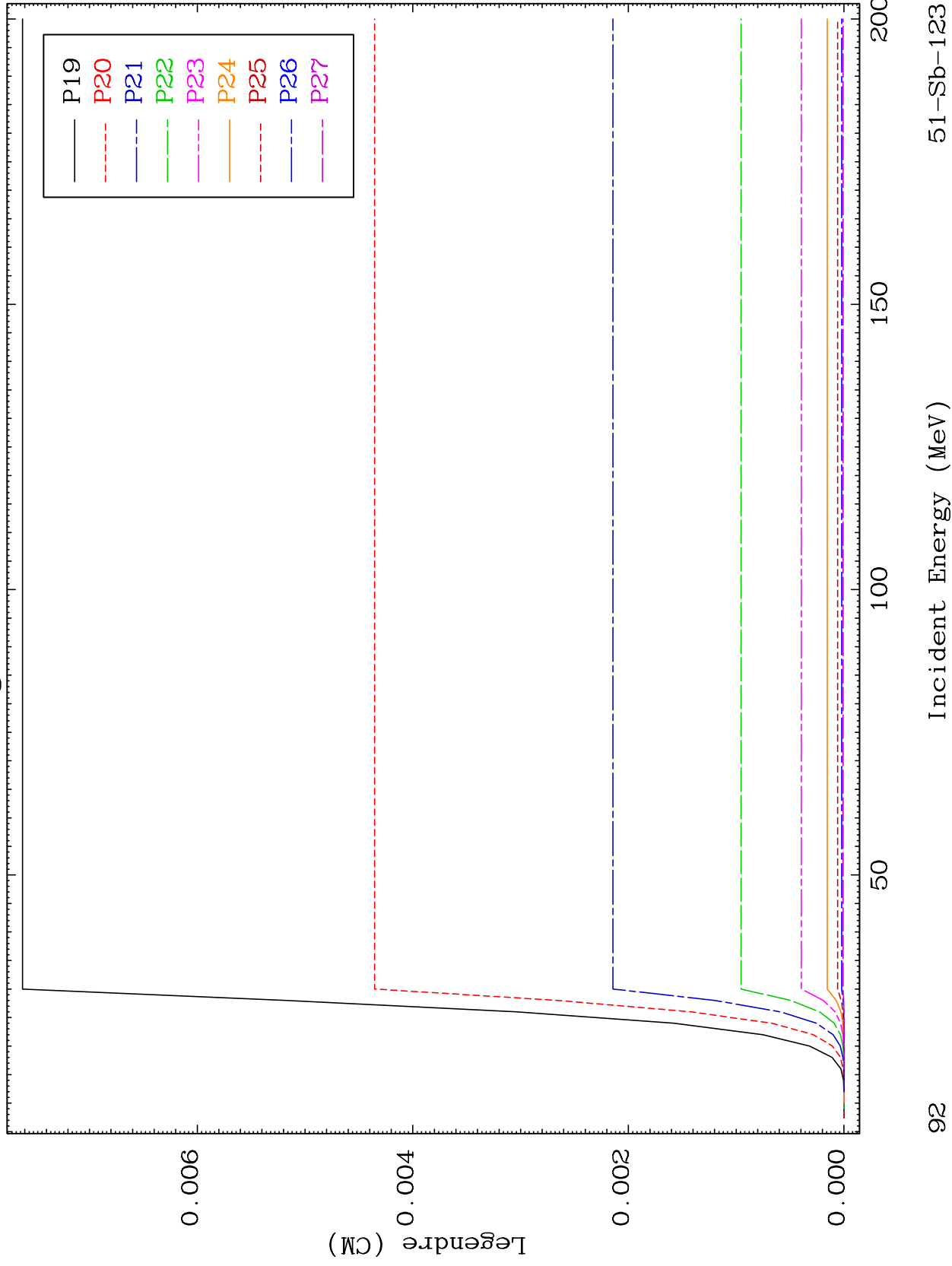
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



92

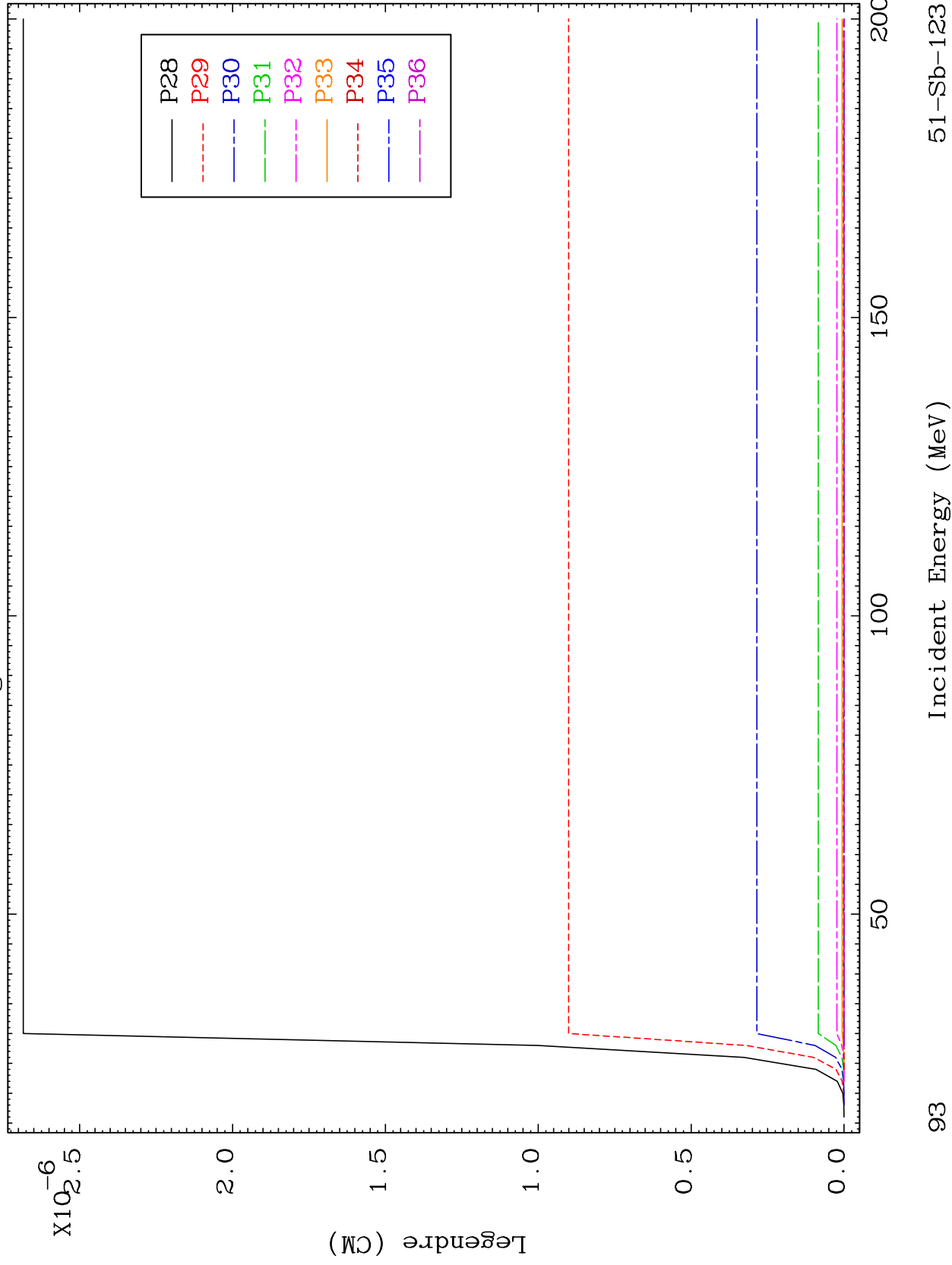
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

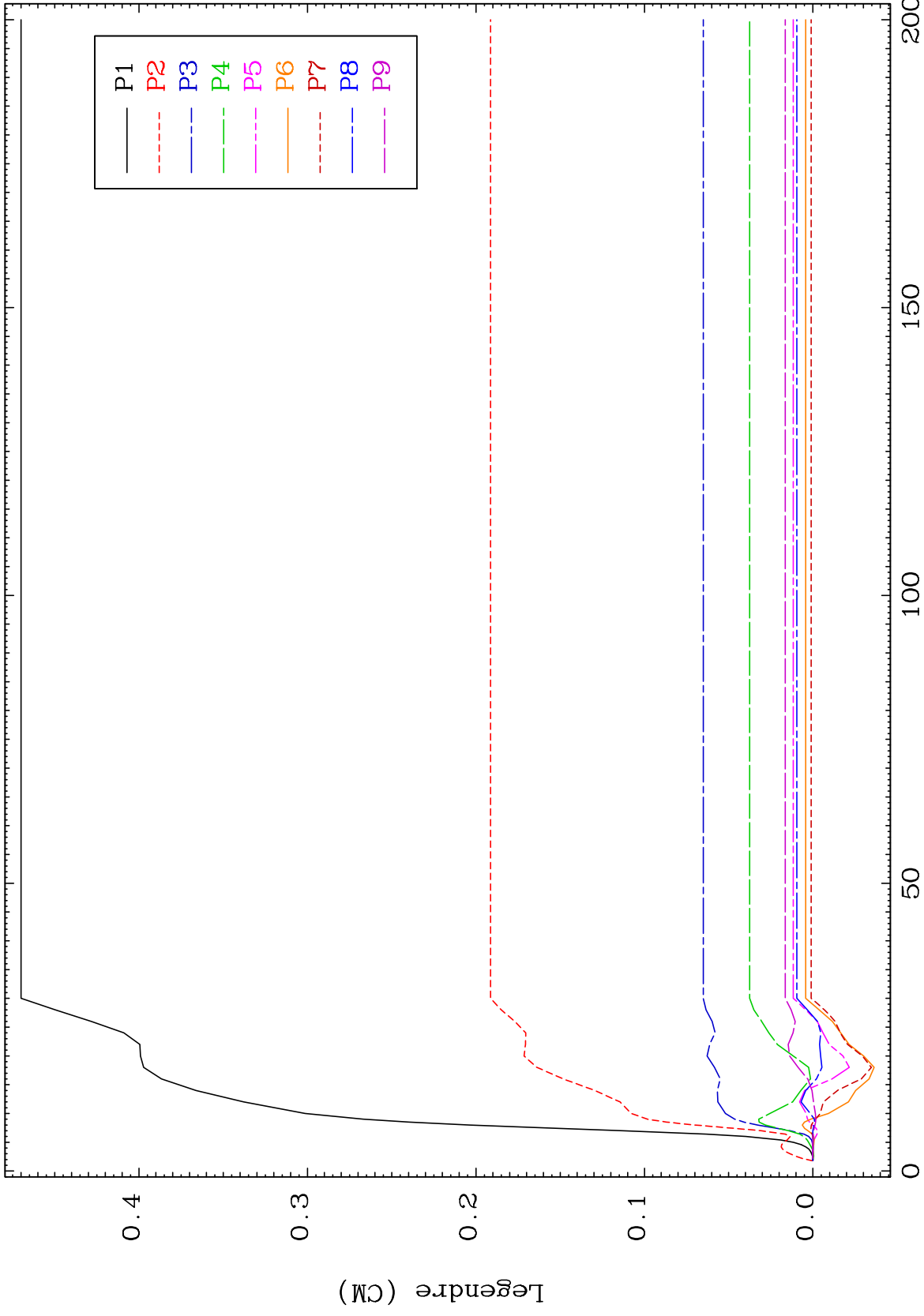
51-Sb-123



MAT 5131

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

51-Sb-123



94

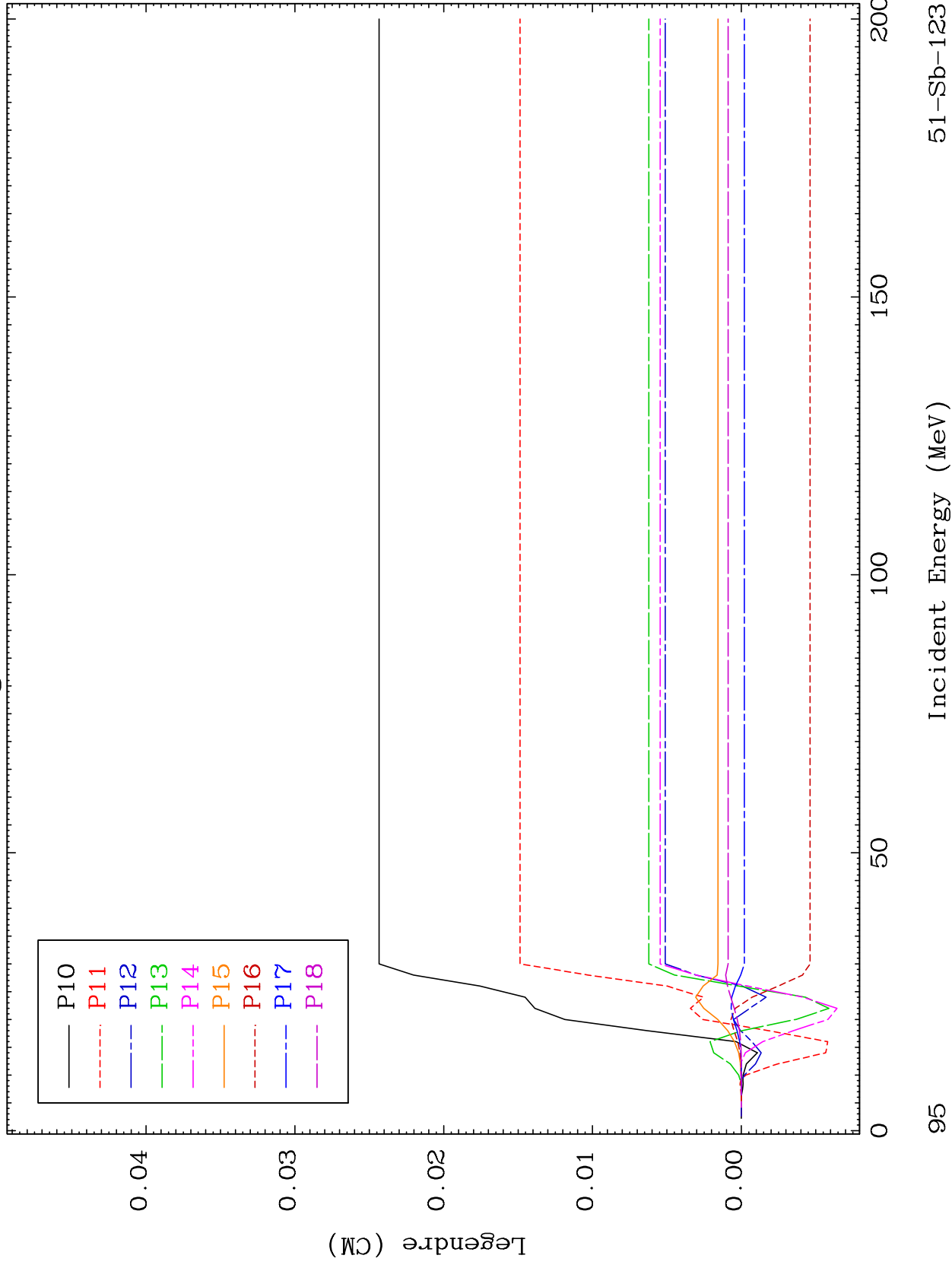
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

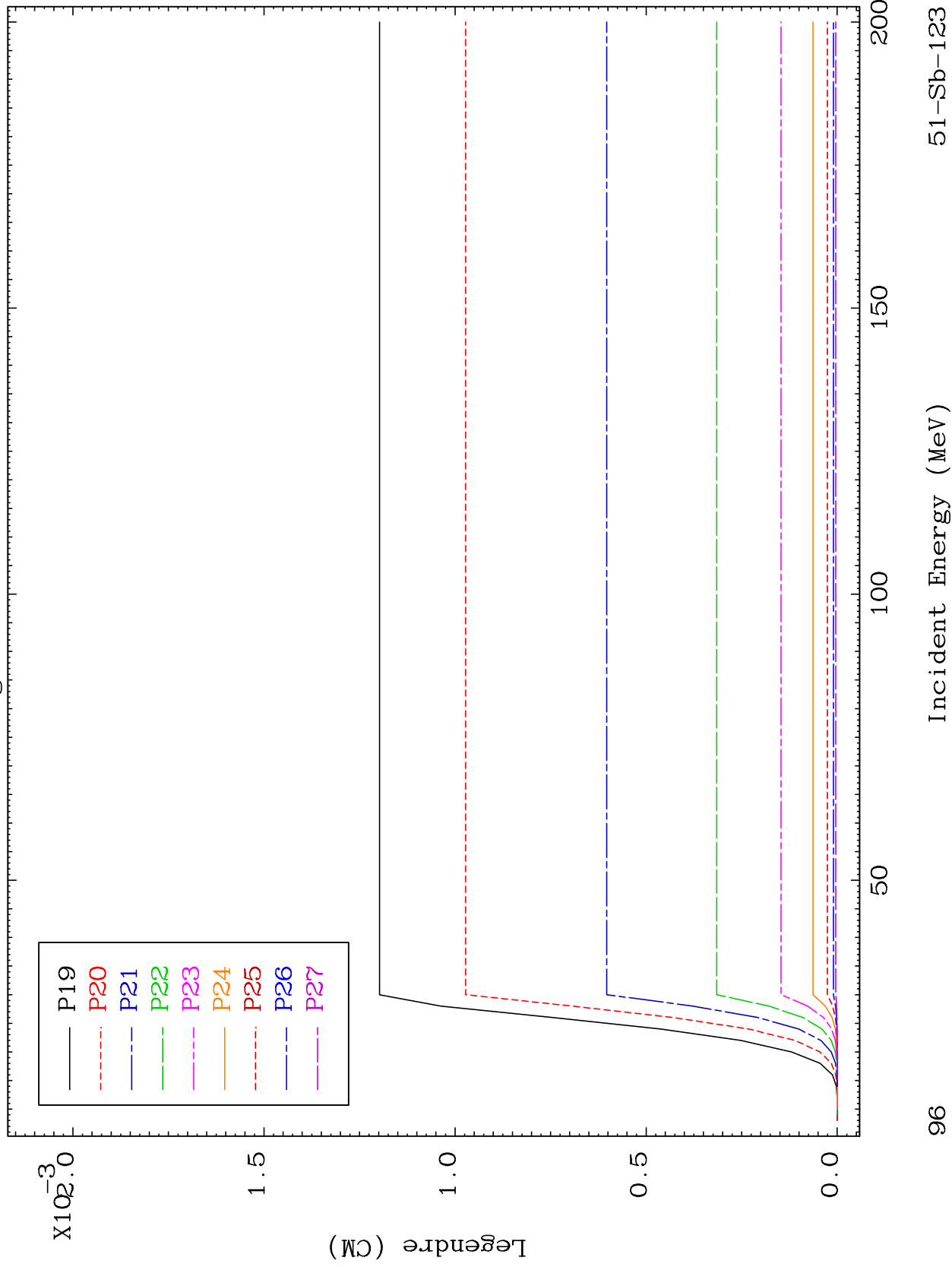
51-Sb-123

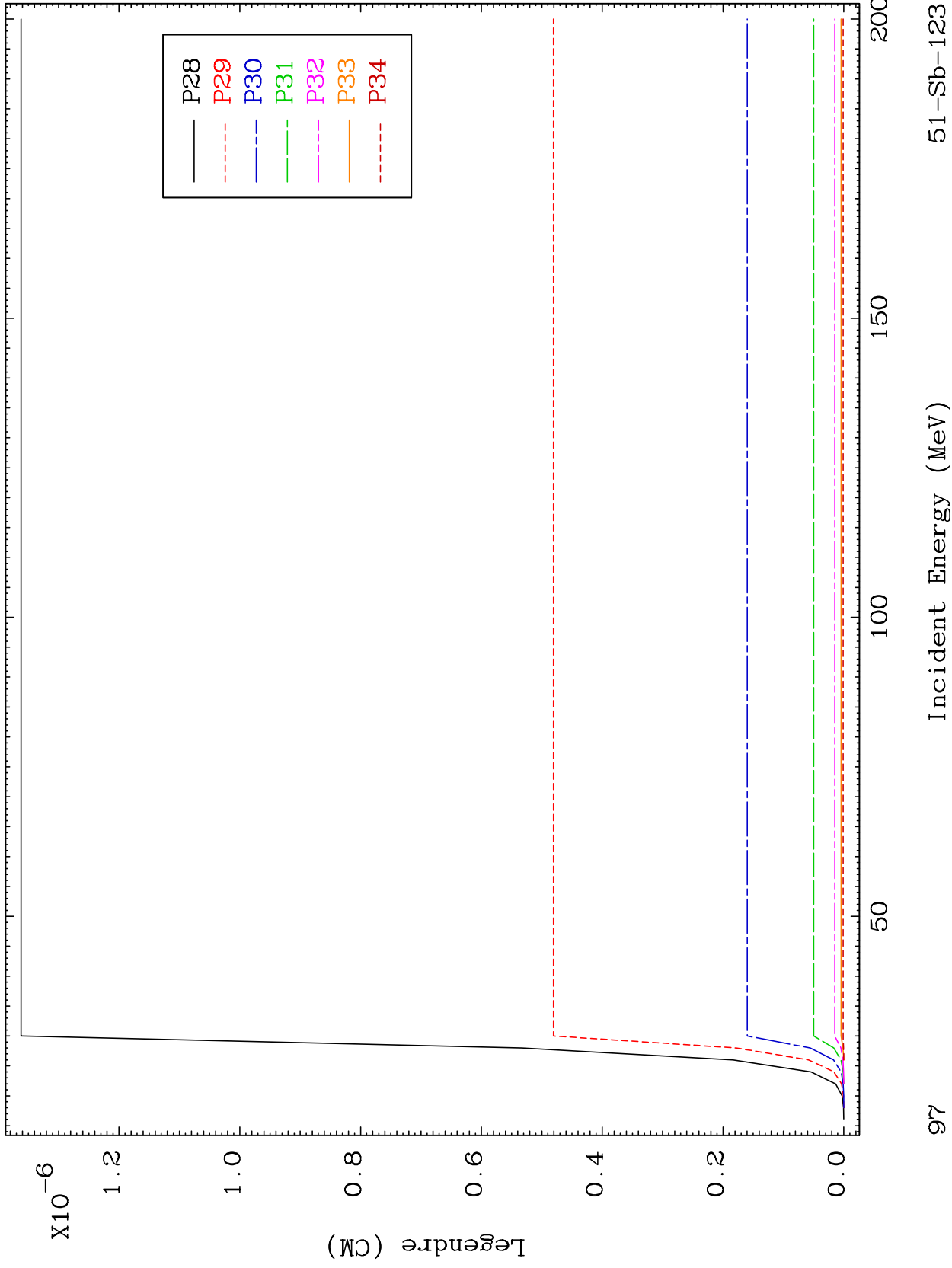


51-Sb-123

Incident Energy (MeV)

95

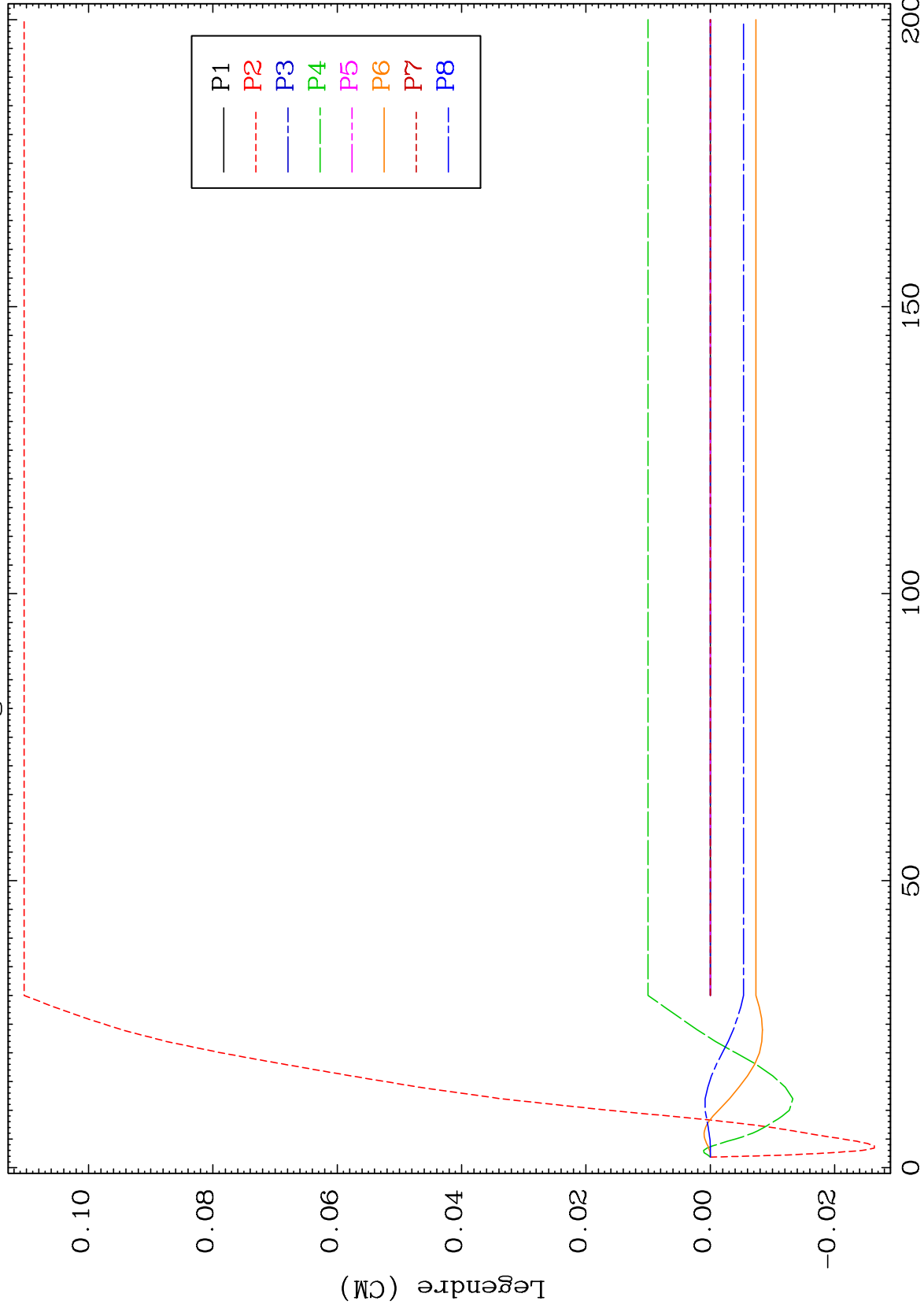




MAT 5131

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

51-Sb-123



51-Sb-123

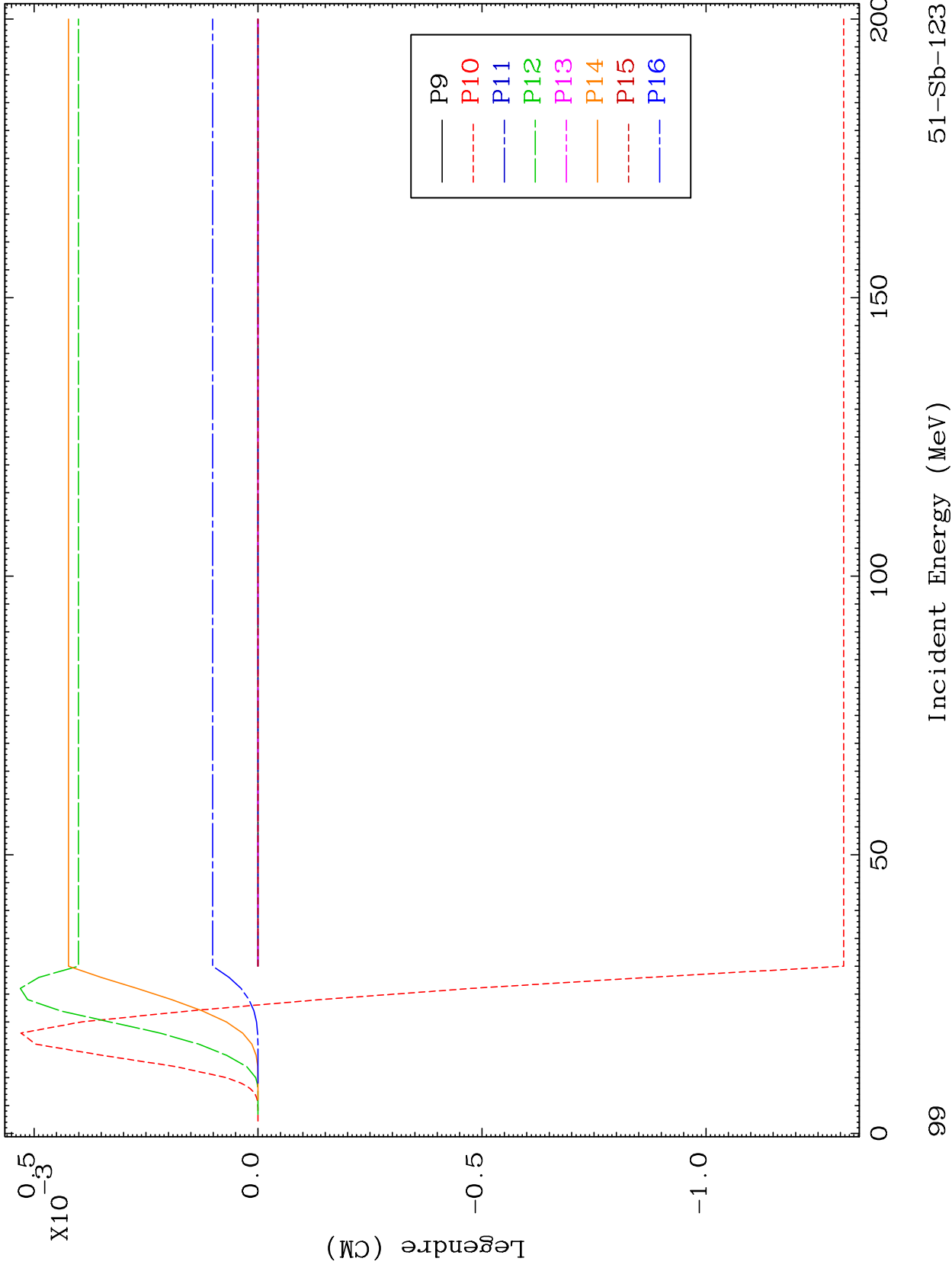
Incident Energy (MeV)

98

MAT 5131

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

51-Sb-123



99

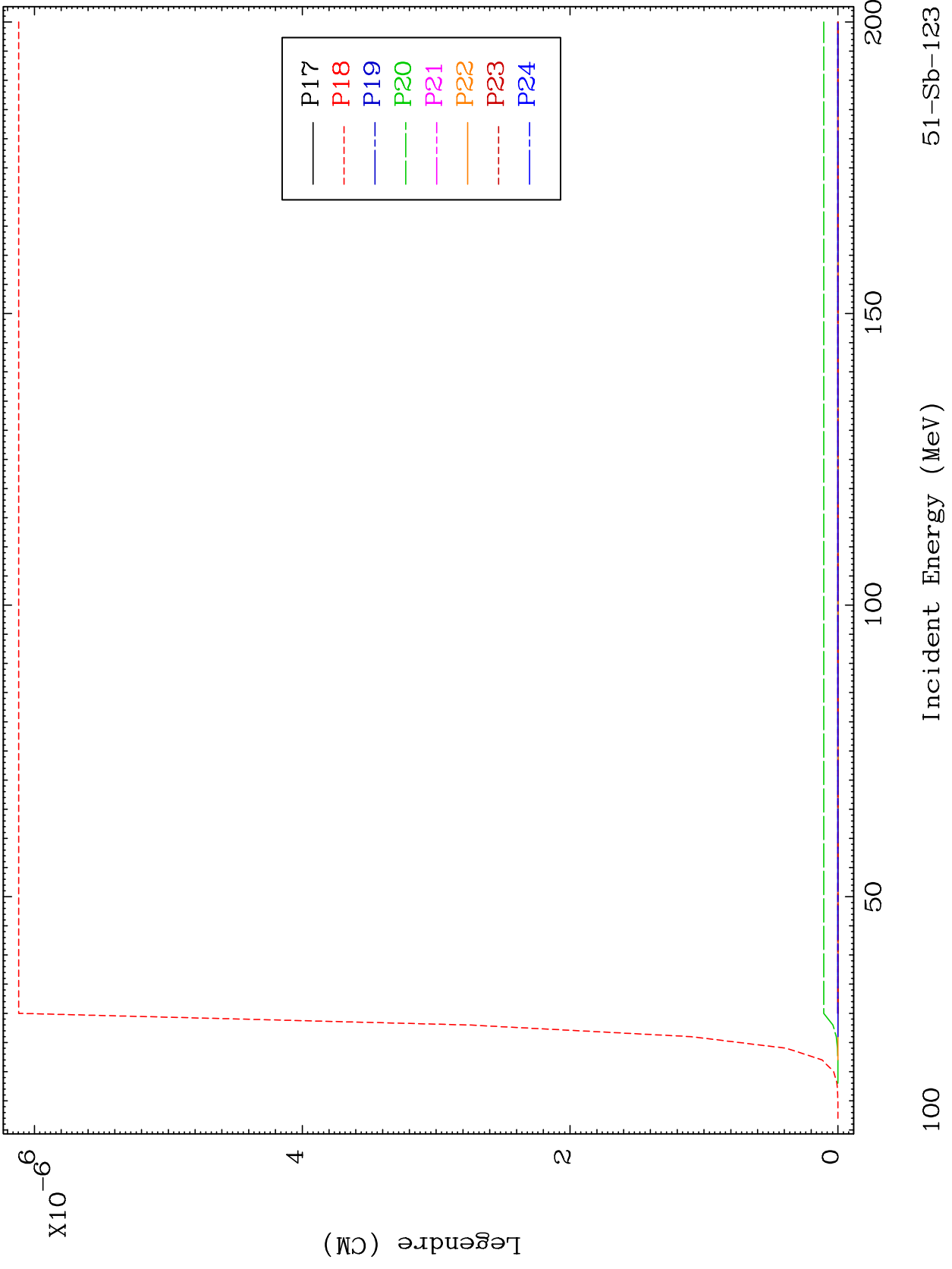
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

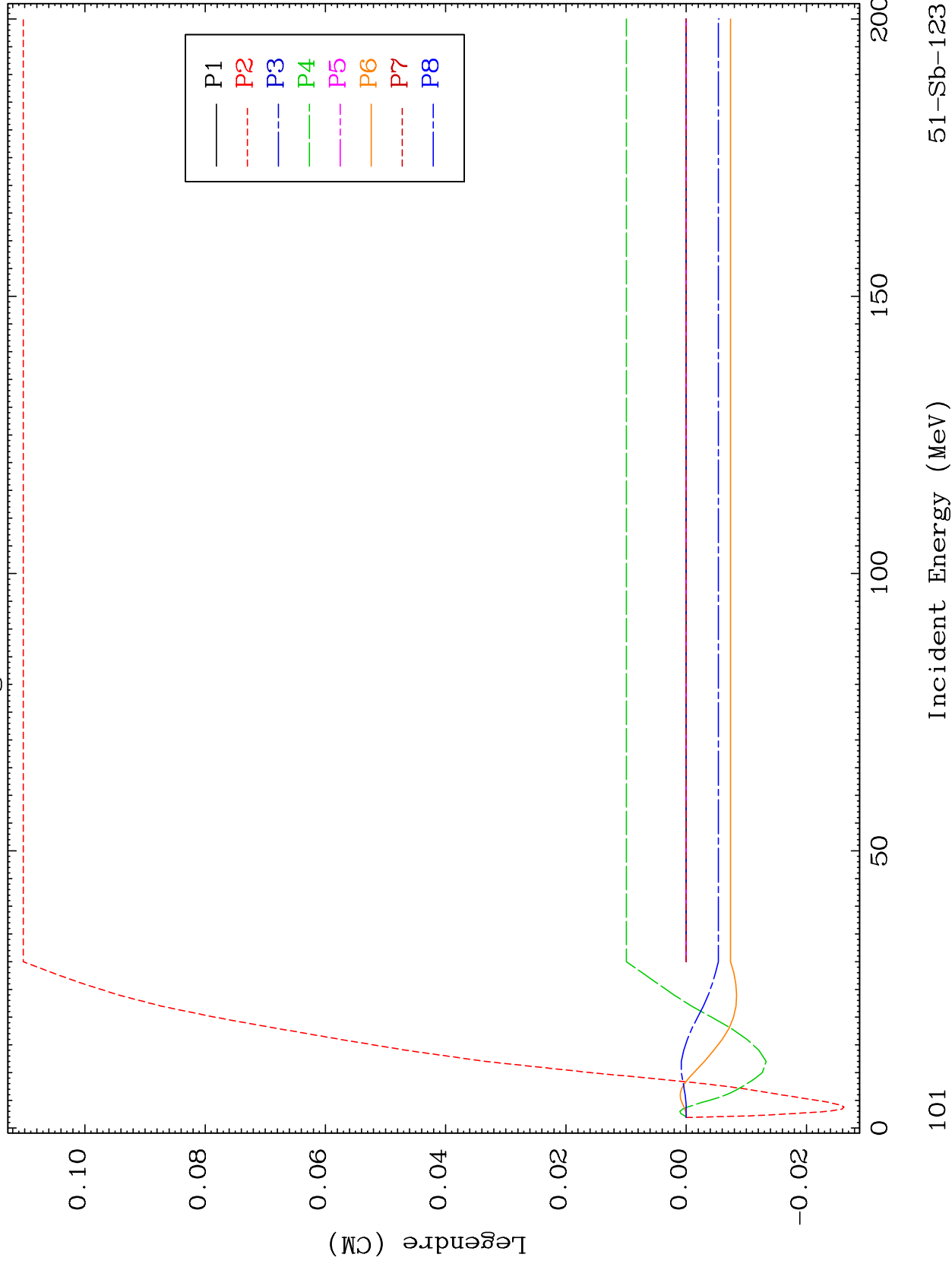
51-Sb-123



MAT 5131

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

51-Sb-123



51-Sb-123

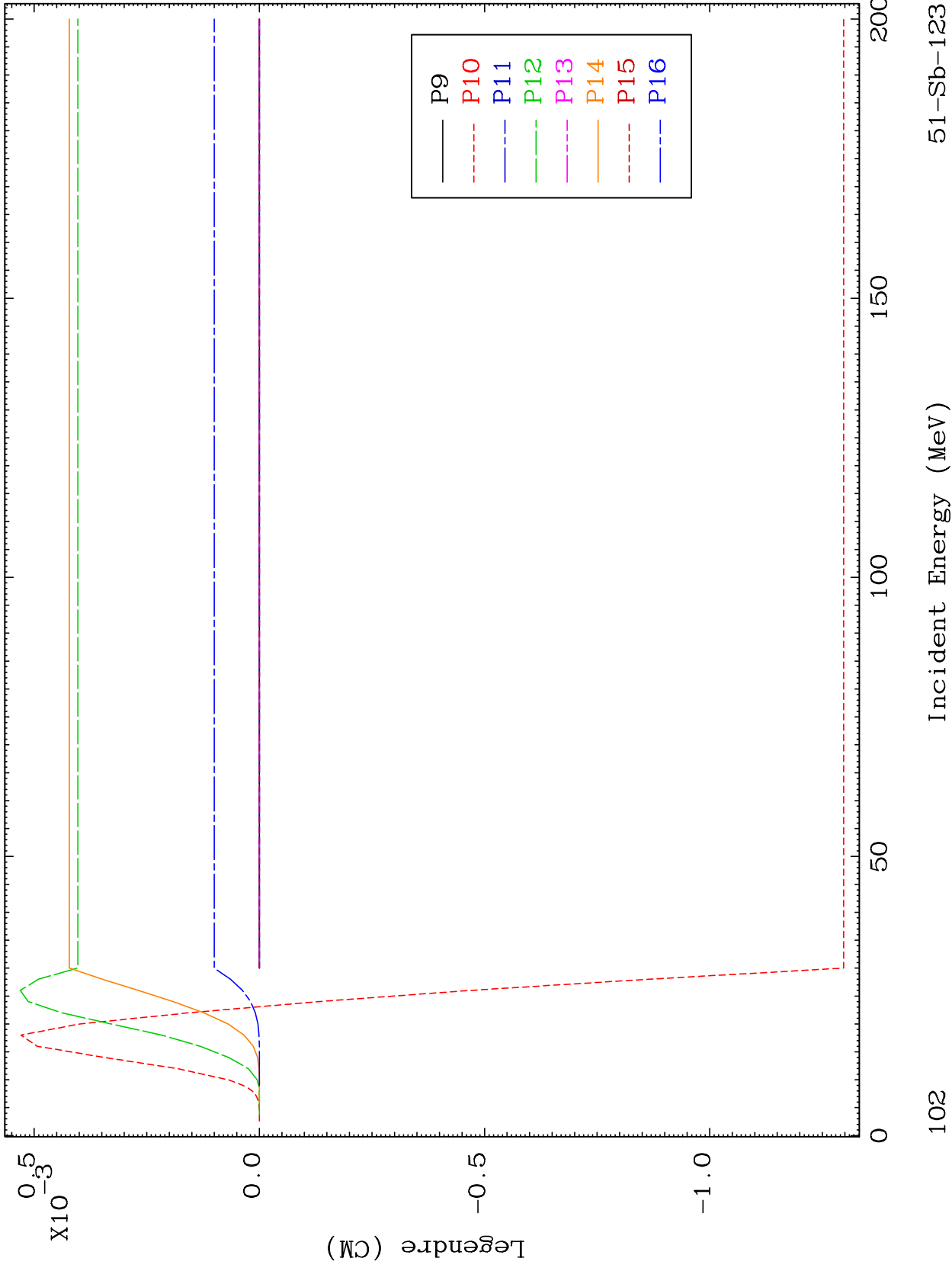
Incident Energy (MeV)

101

MAT 5131

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

51-Sb-123



102

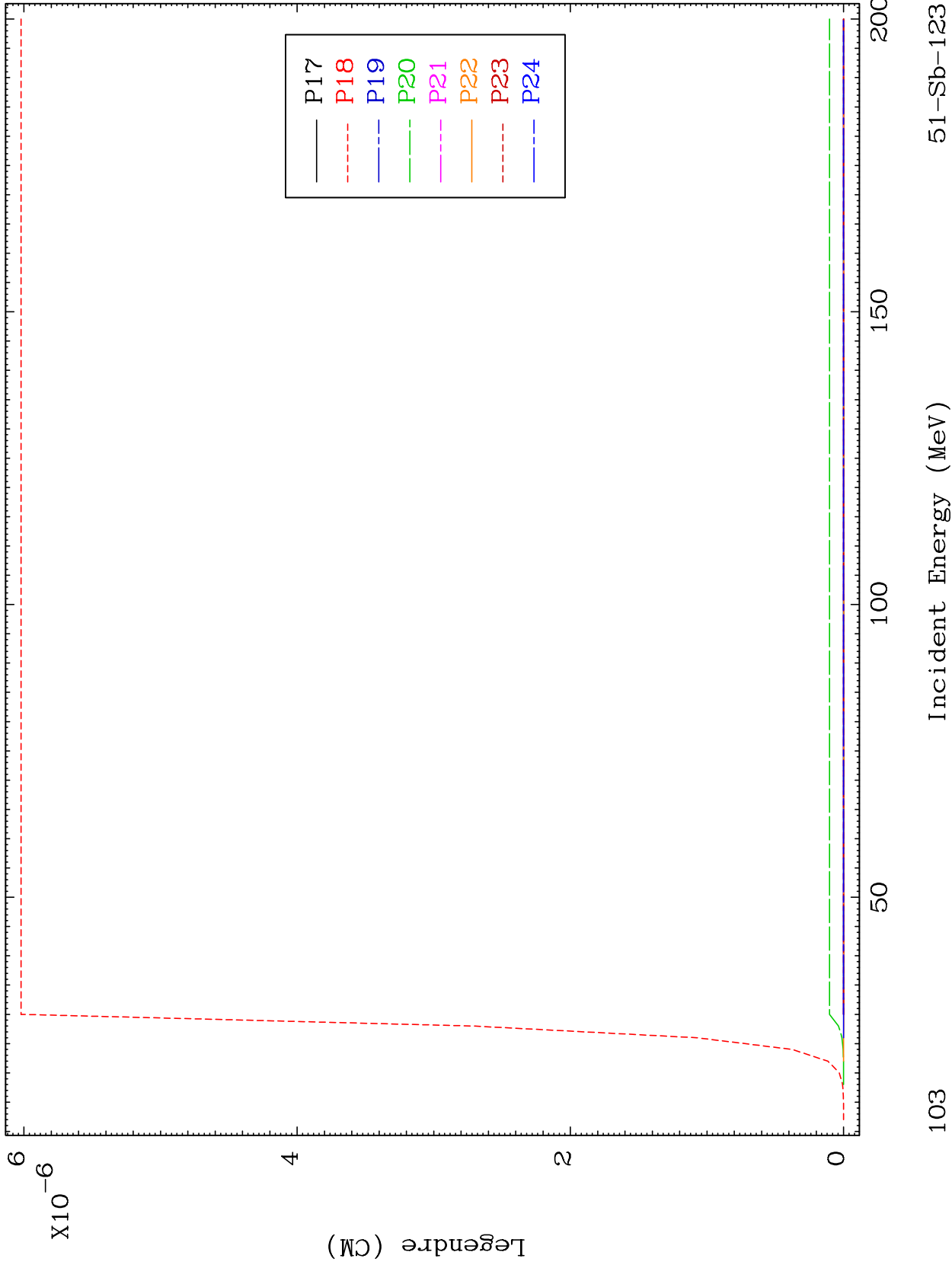
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



103

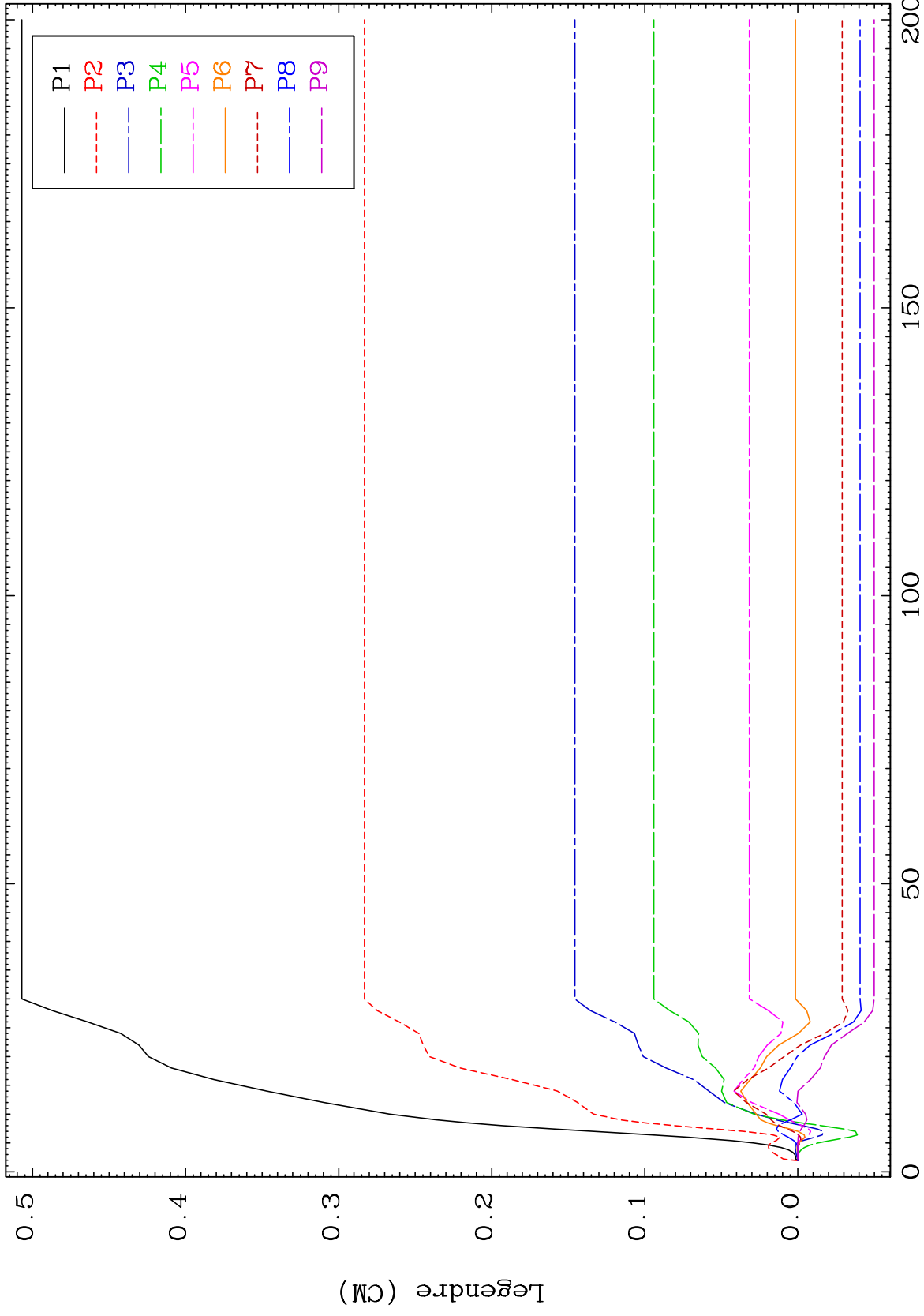
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



0

50

100

150

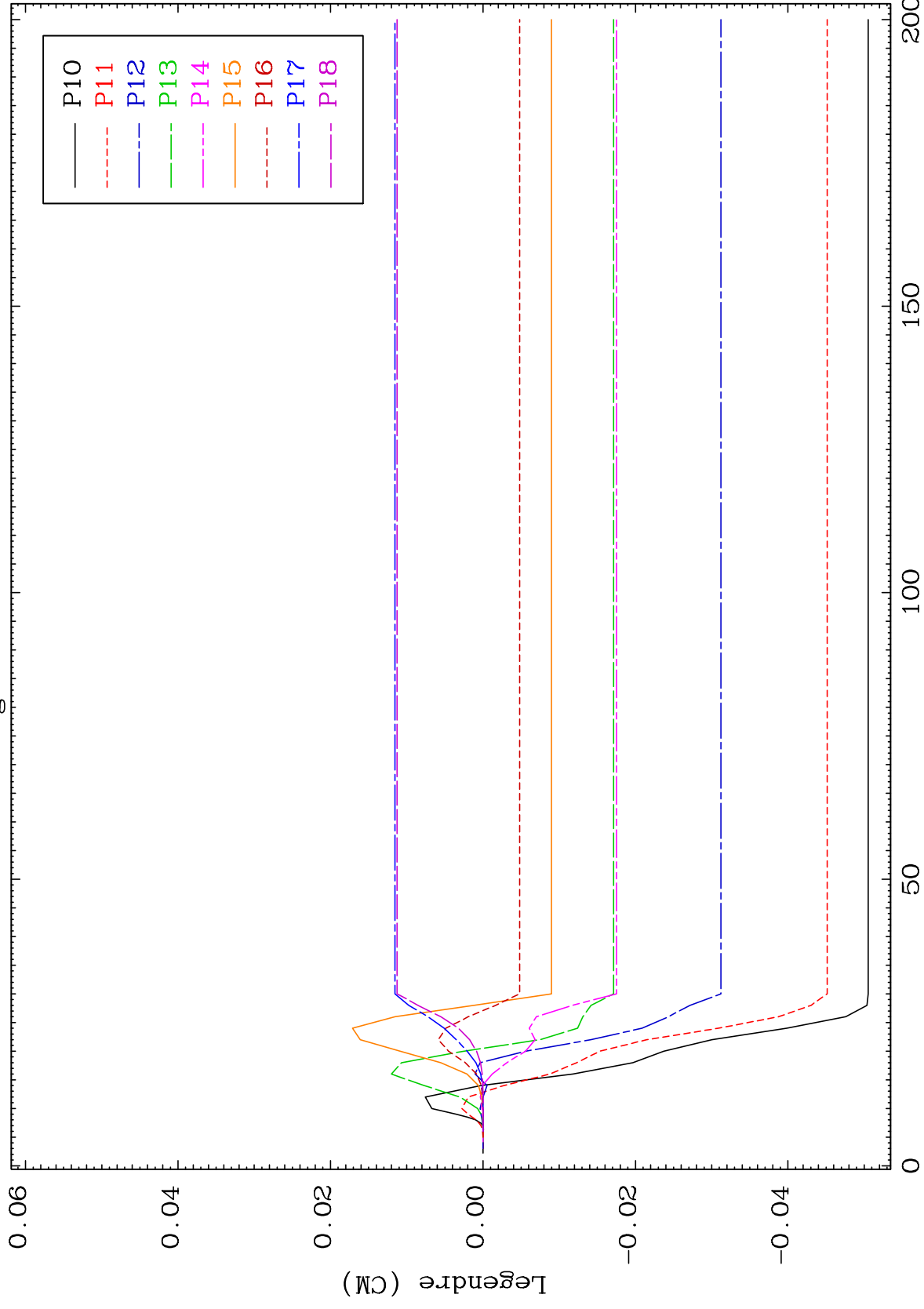
200

51-Sb-123

MAT 5131

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

51-Sb-123



105

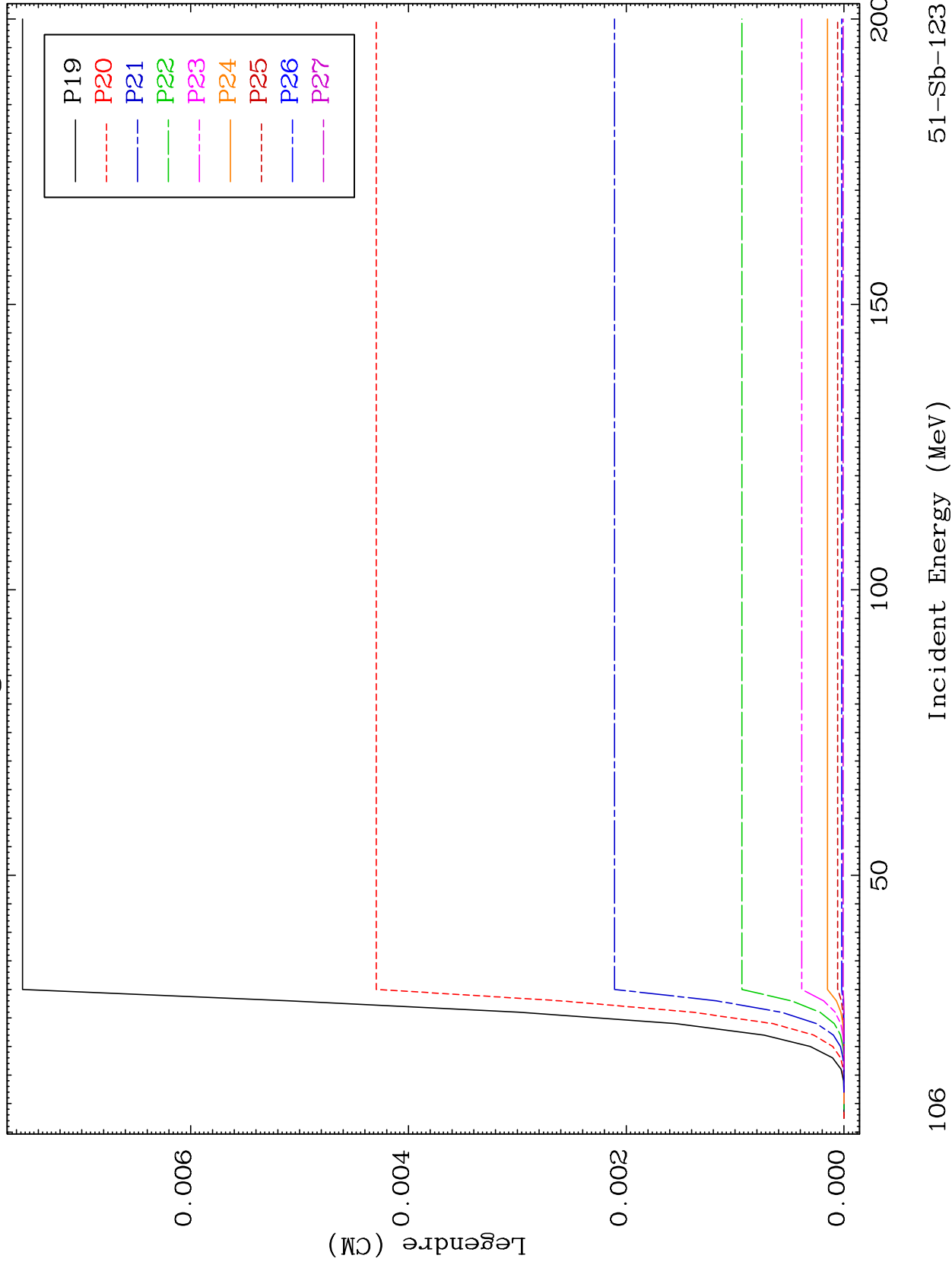
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



106

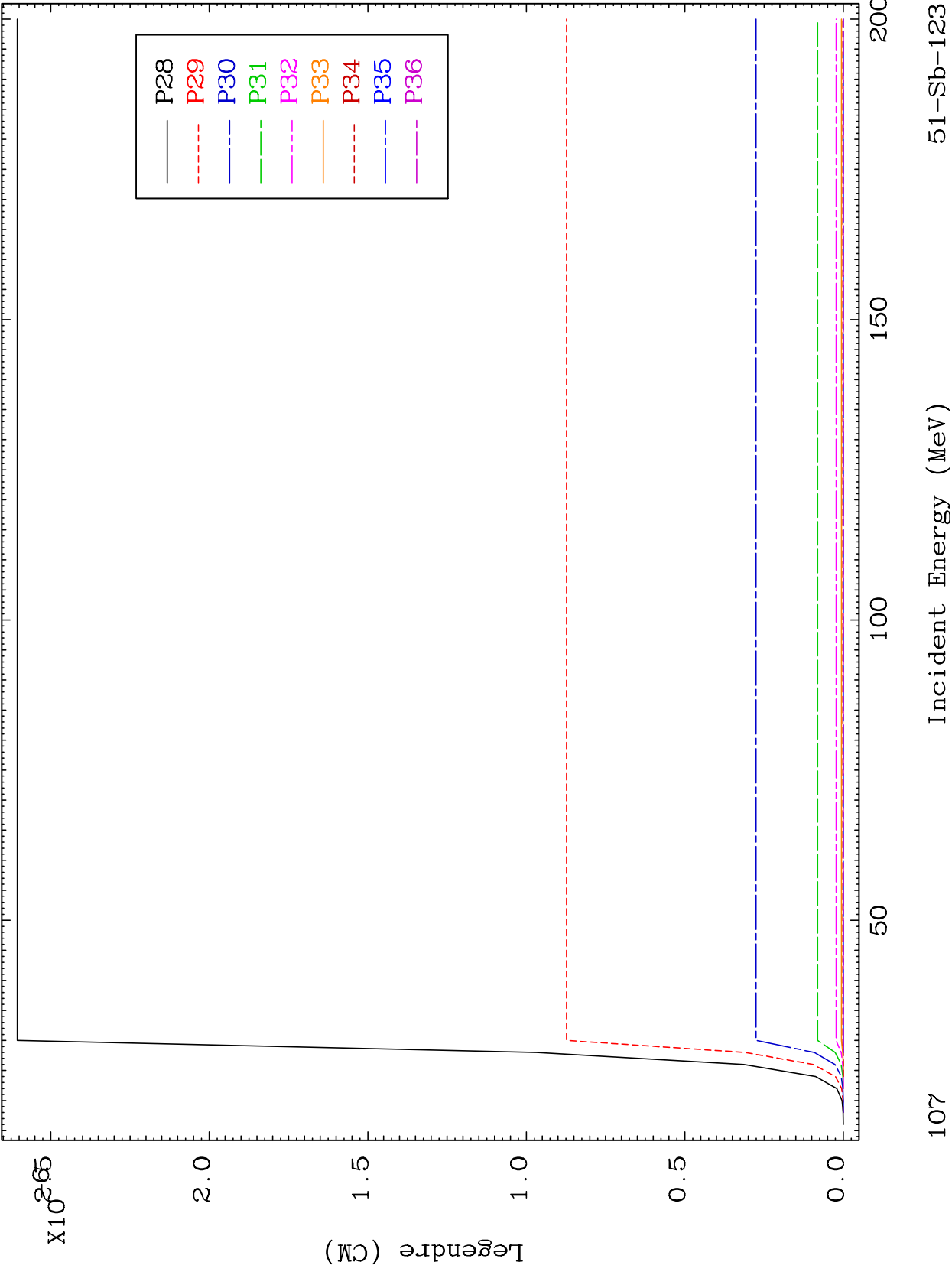
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



107

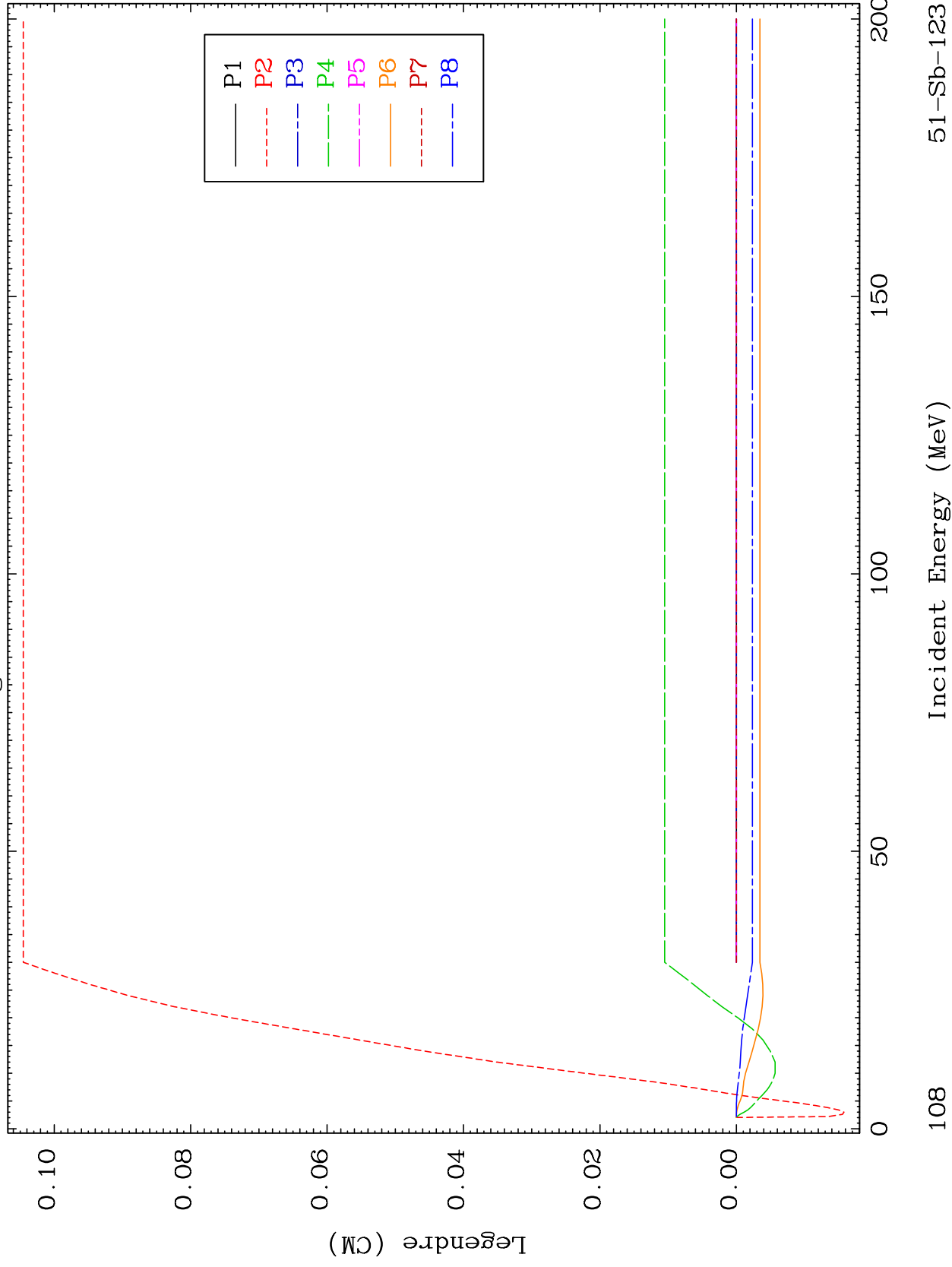
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

Incident Energy (MeV)

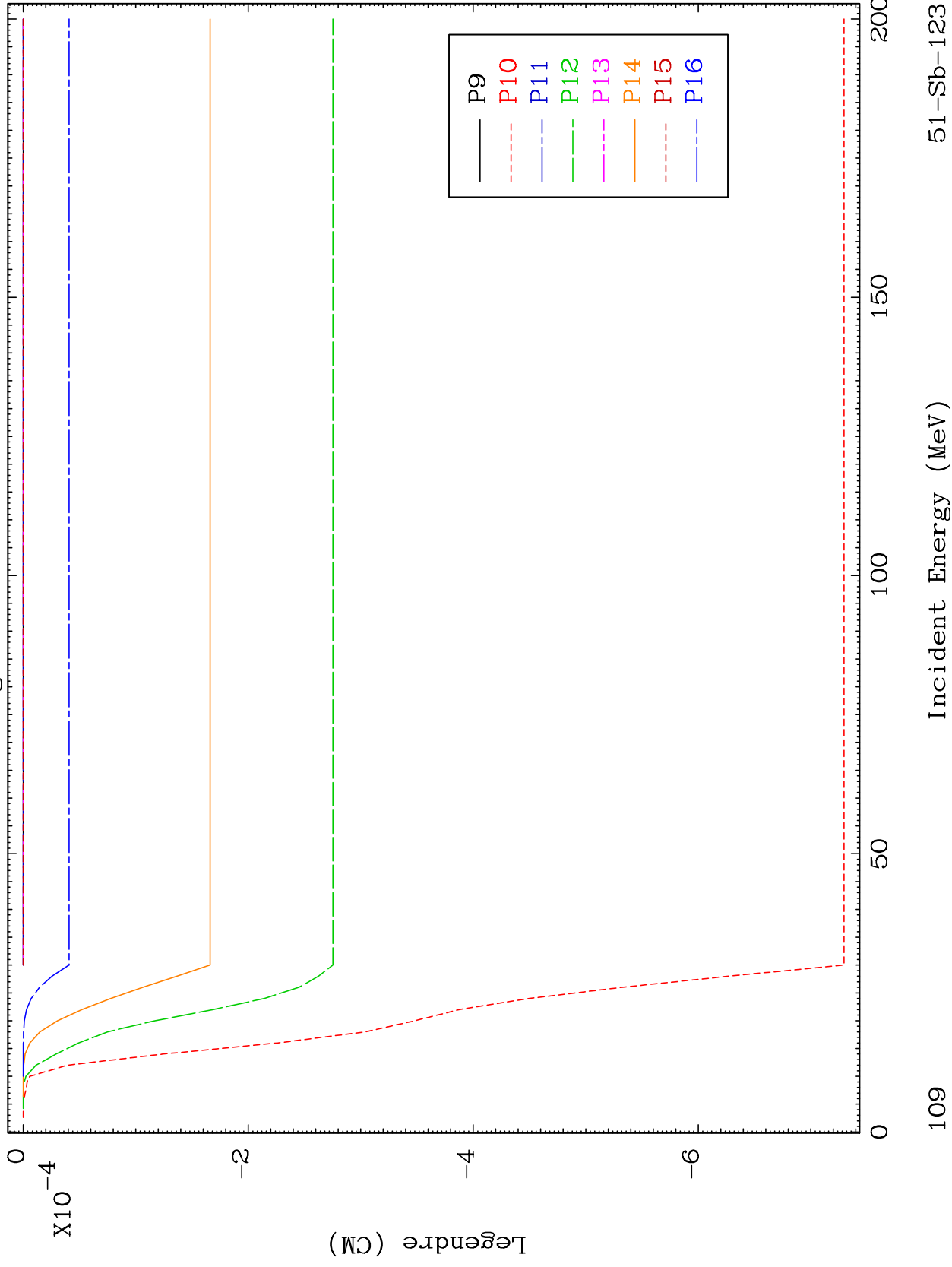
108

MAT 5131

MT= 74 (n,n') Level

51-Sb-123

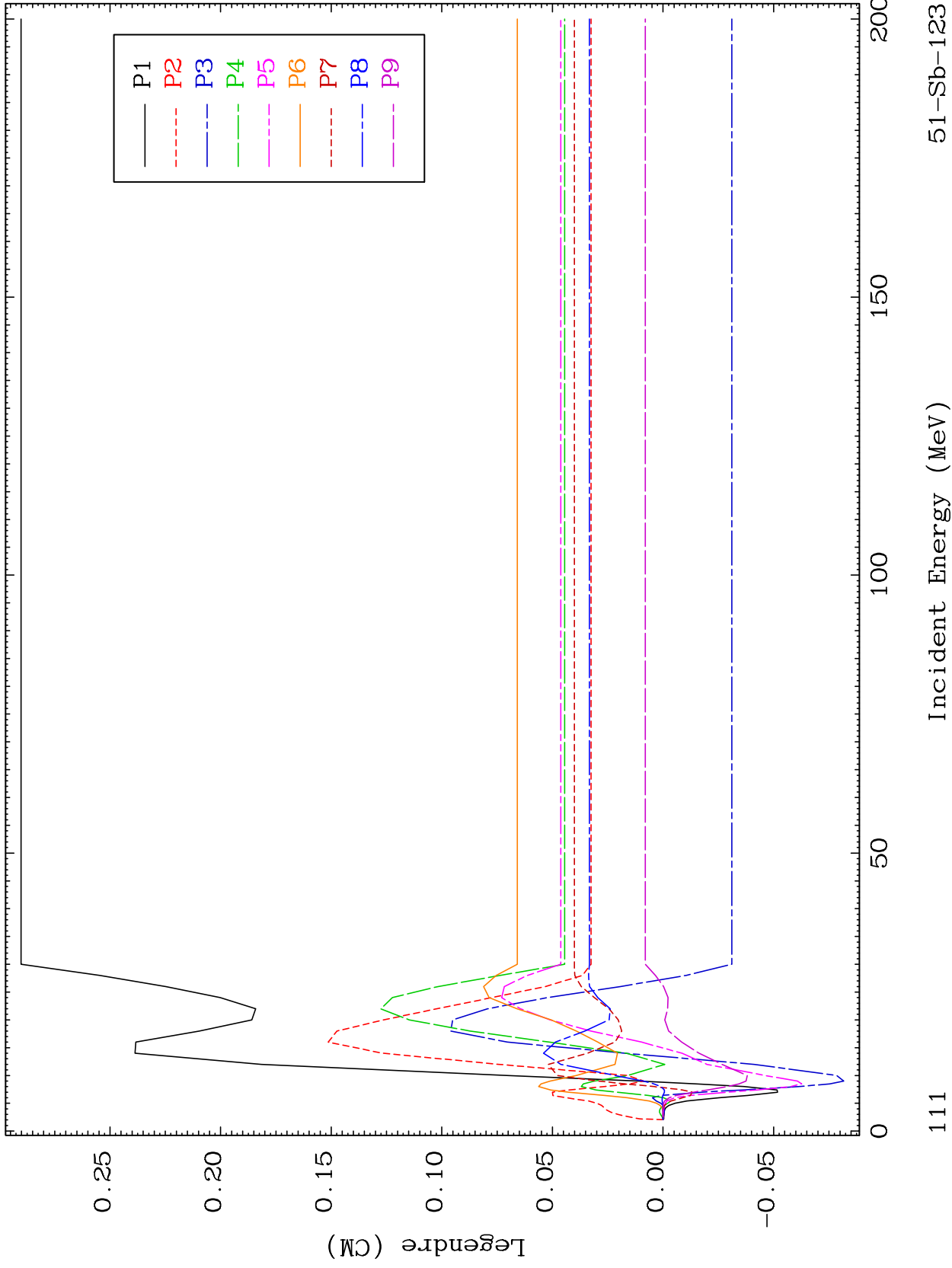
Legendre Coefficients



MAT 5131

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

51-Sb-123



51-Sb-123

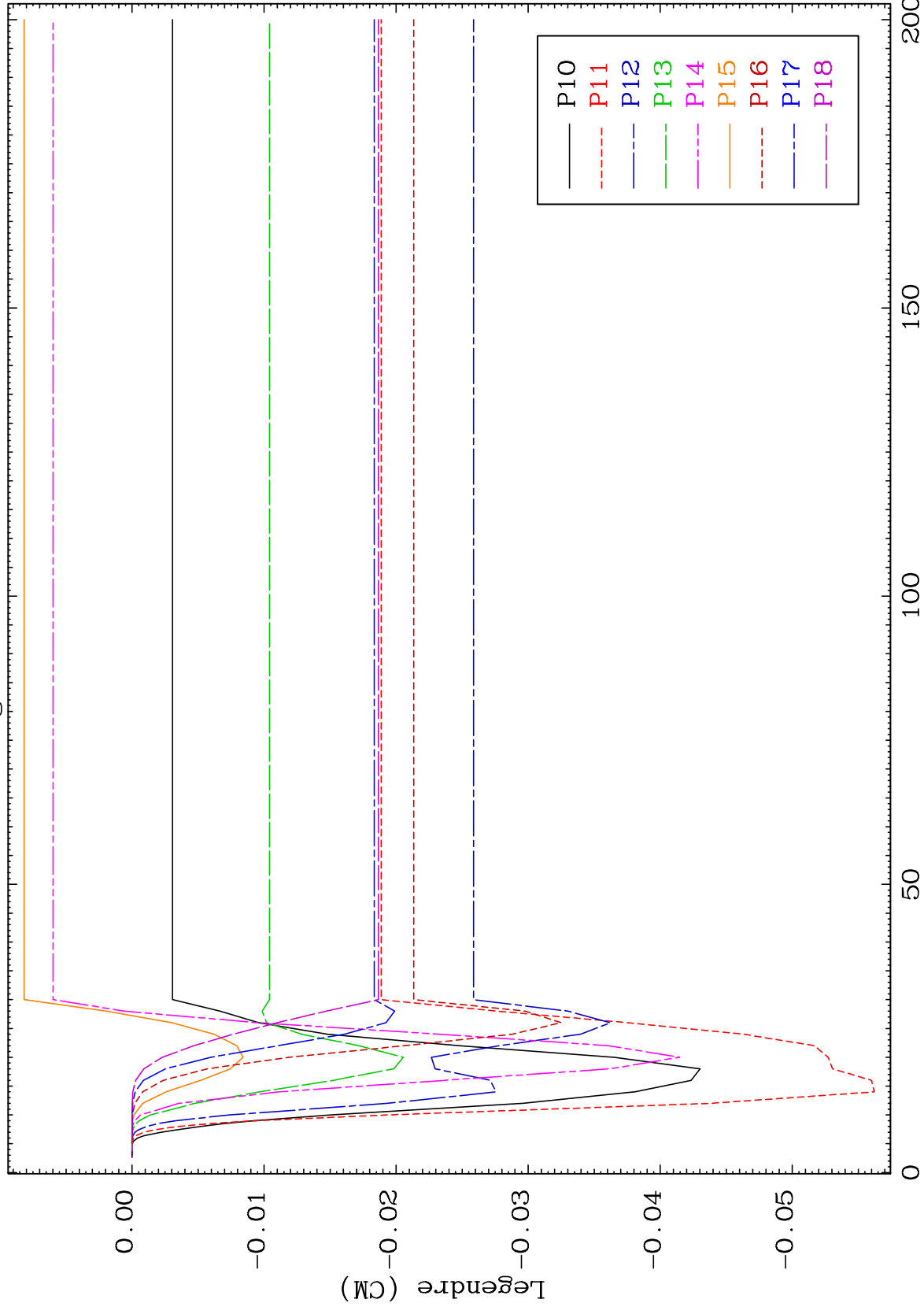
Incident Energy (MeV)

111

MAT 5131

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

51-Sb-123



51-Sb-123

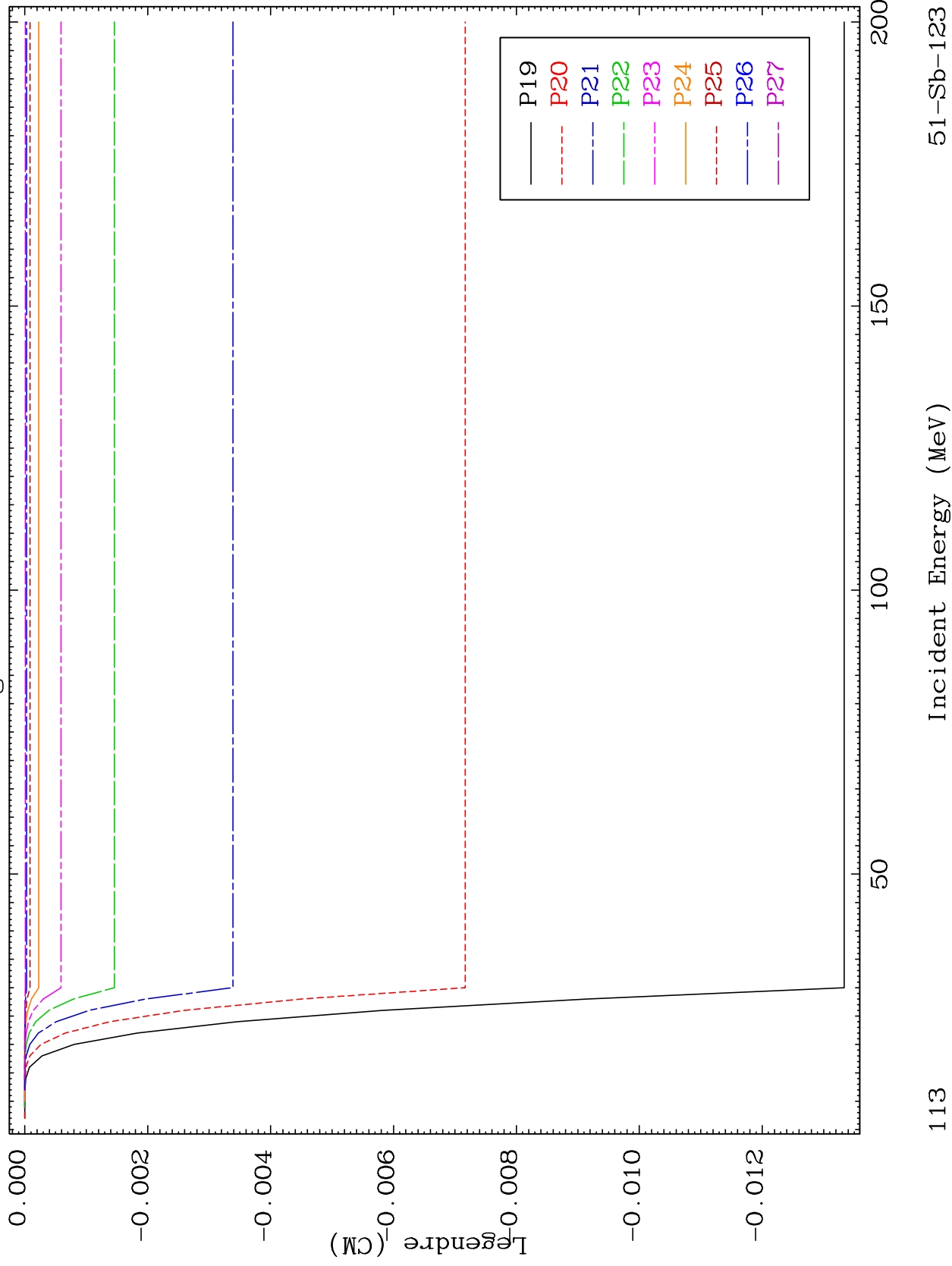
Incident Energy (MeV)

112

MAT 5131

51-Sb-123

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



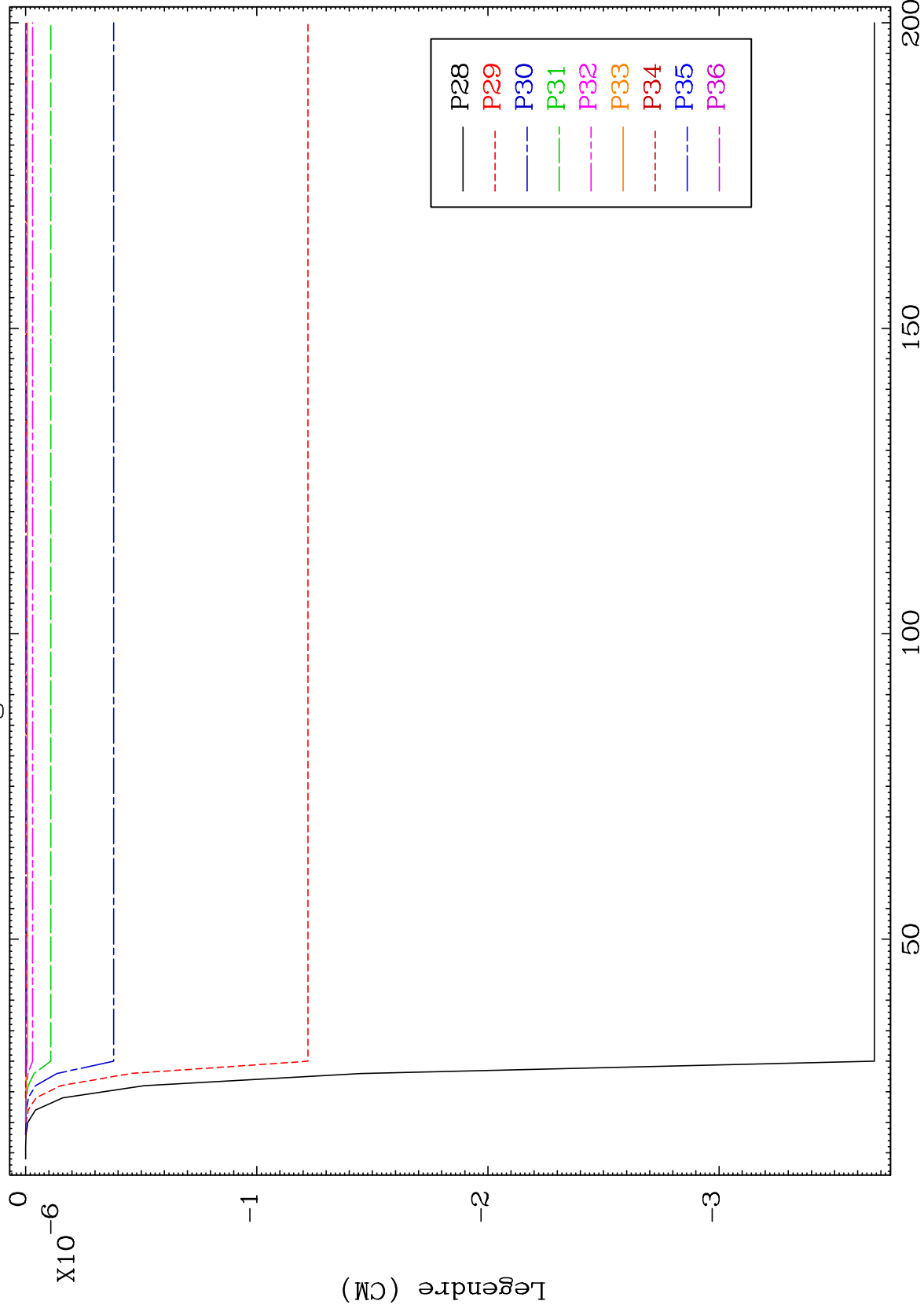
113

51-Sb-123

MAT 5131

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

51-Sb-123



114

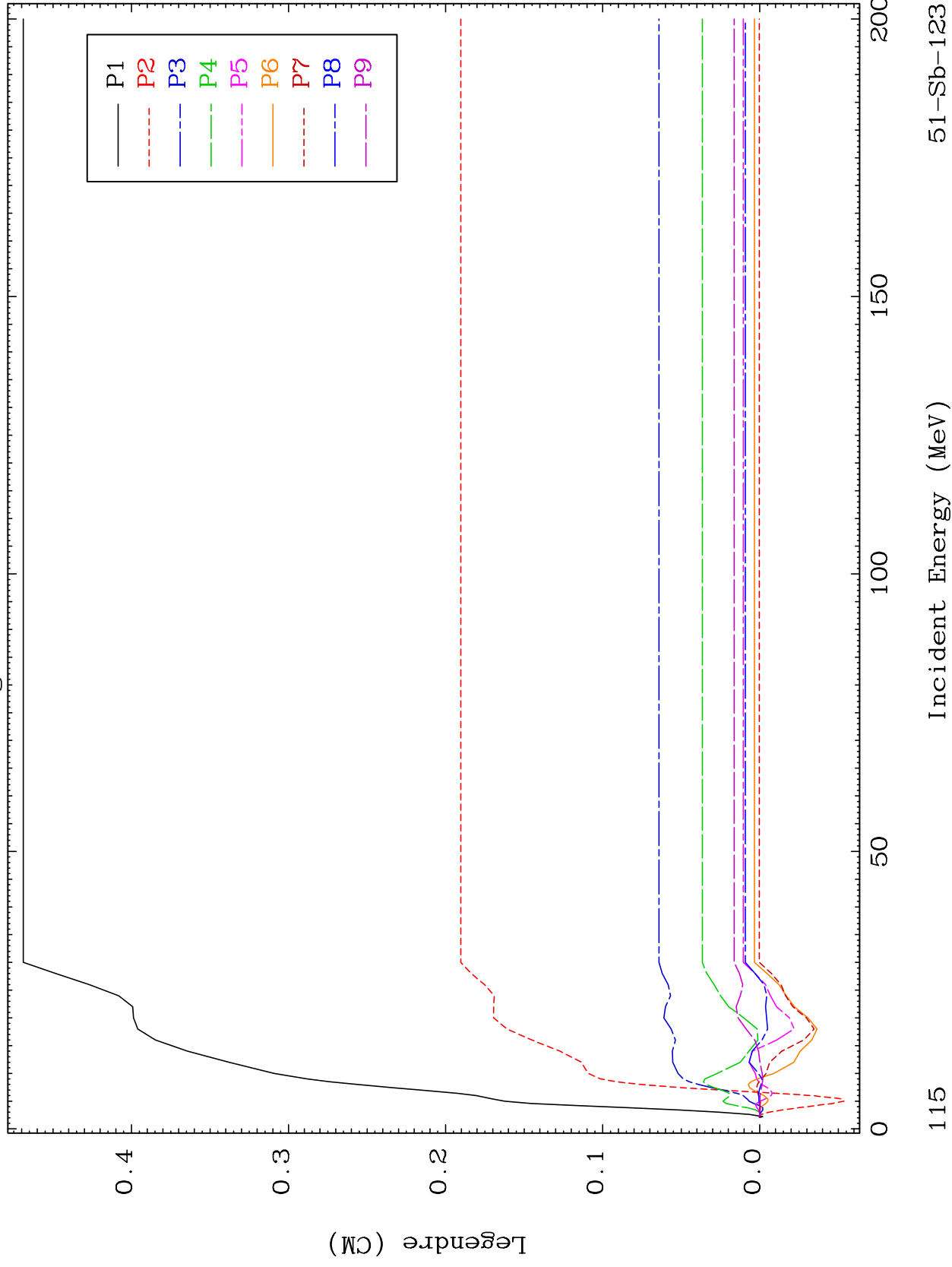
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

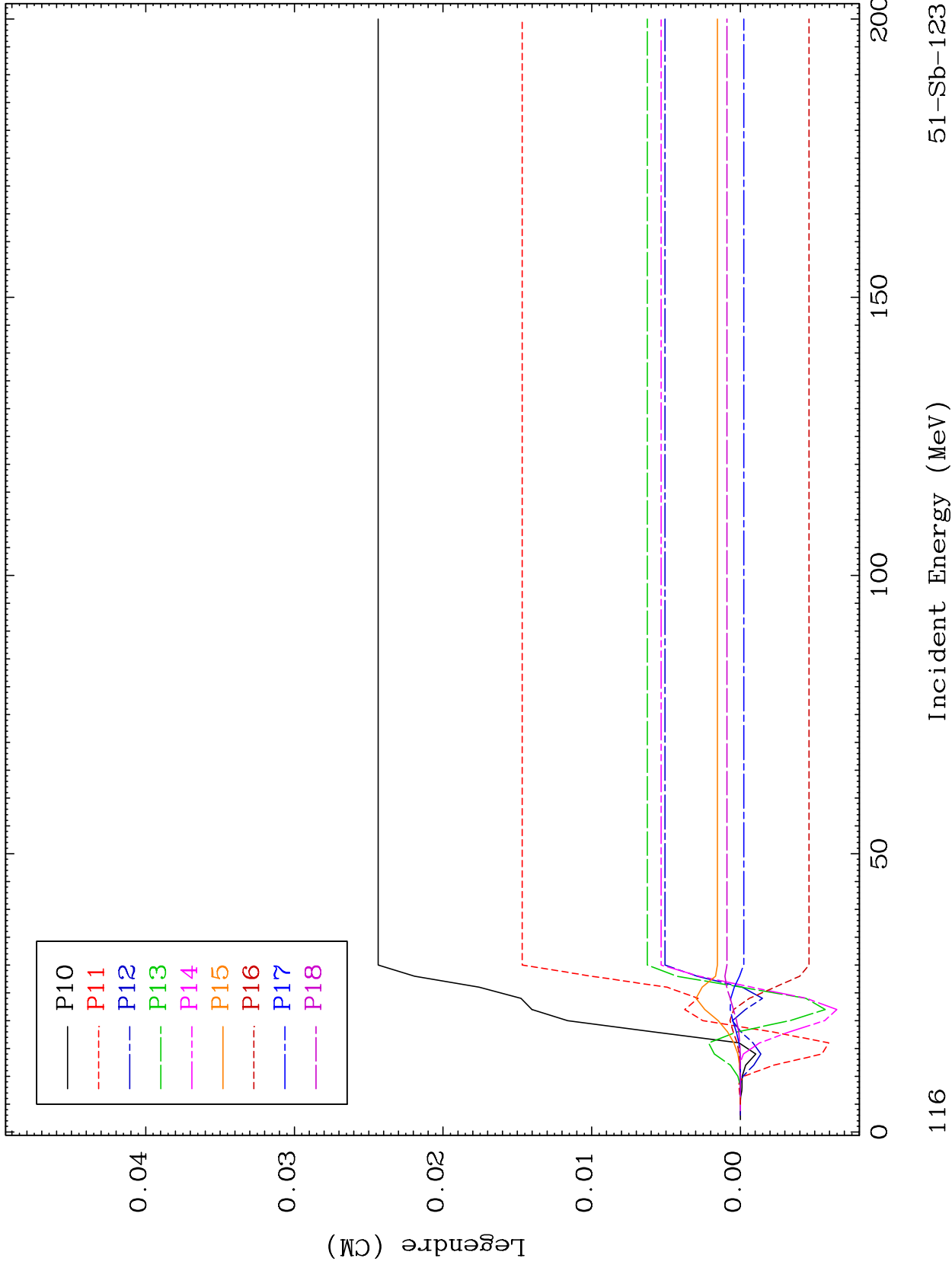
Incident Energy (MeV)

Legendre (CM)

MAT 5131

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

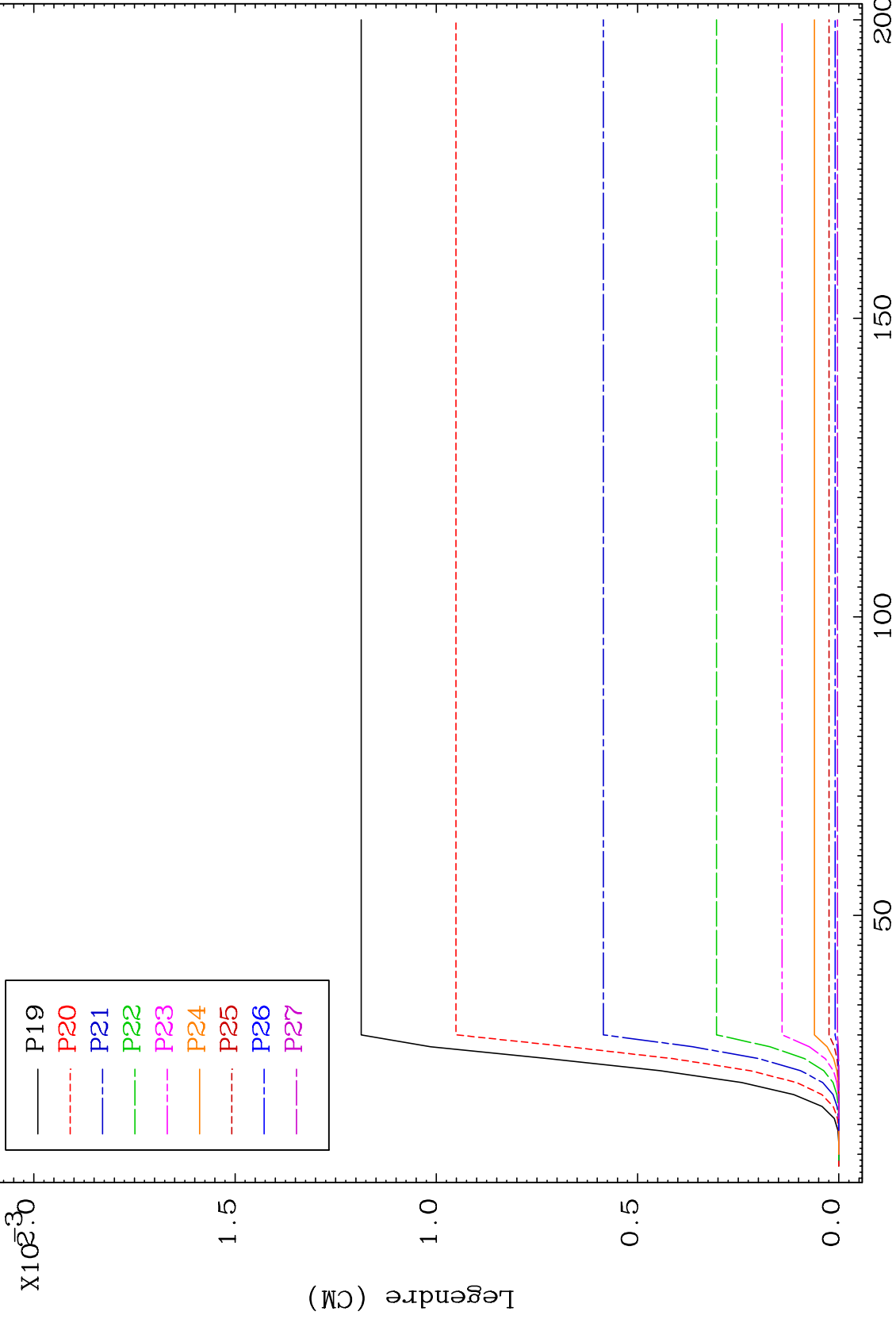
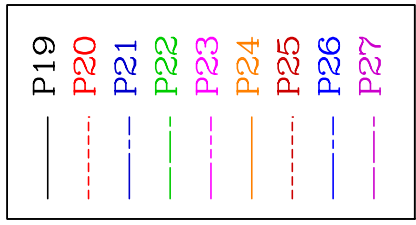
51-Sb-123



116

Incident Energy (MeV)

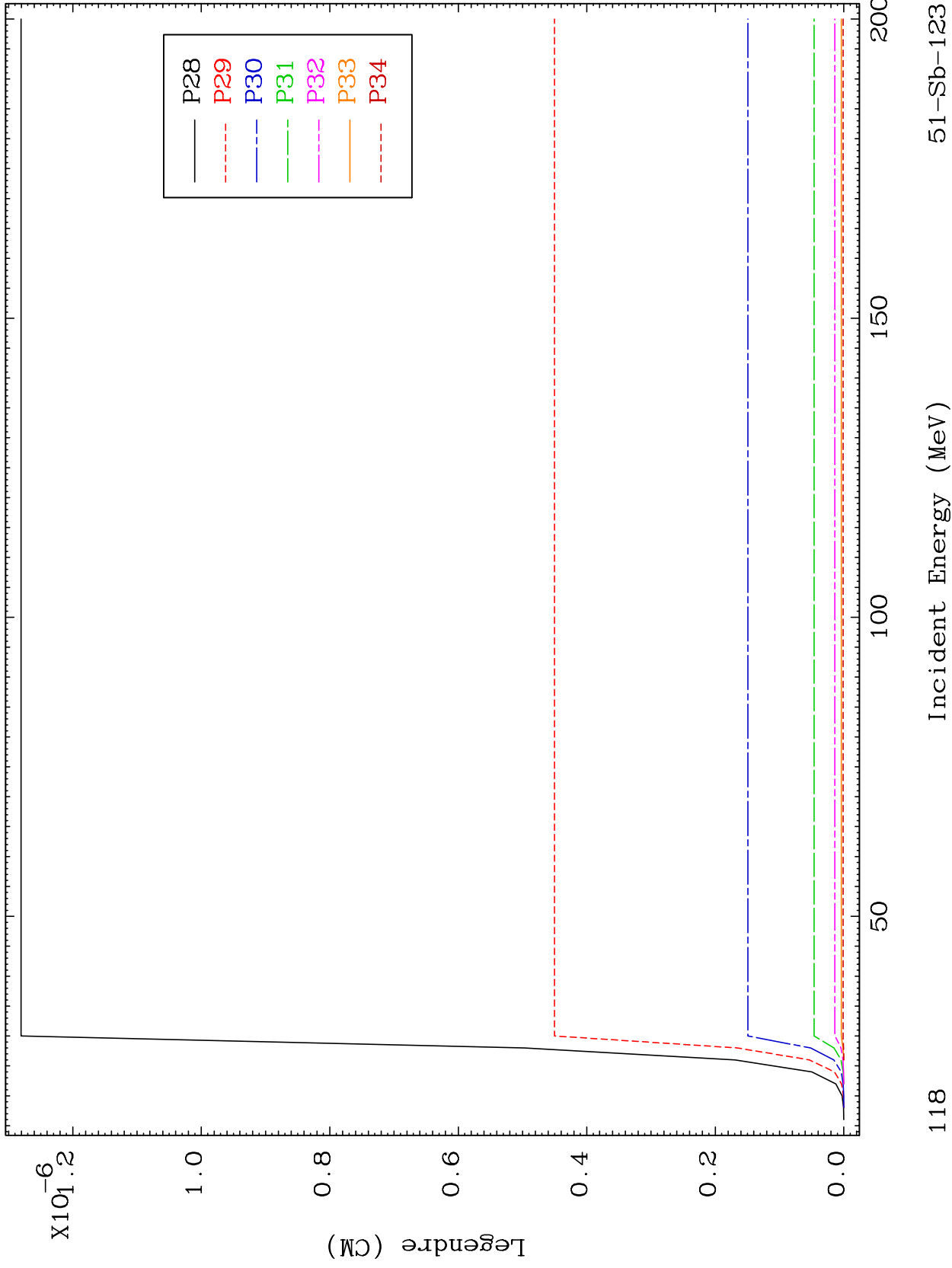
51-Sb-123



MAT 5131

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

51-Sb-123

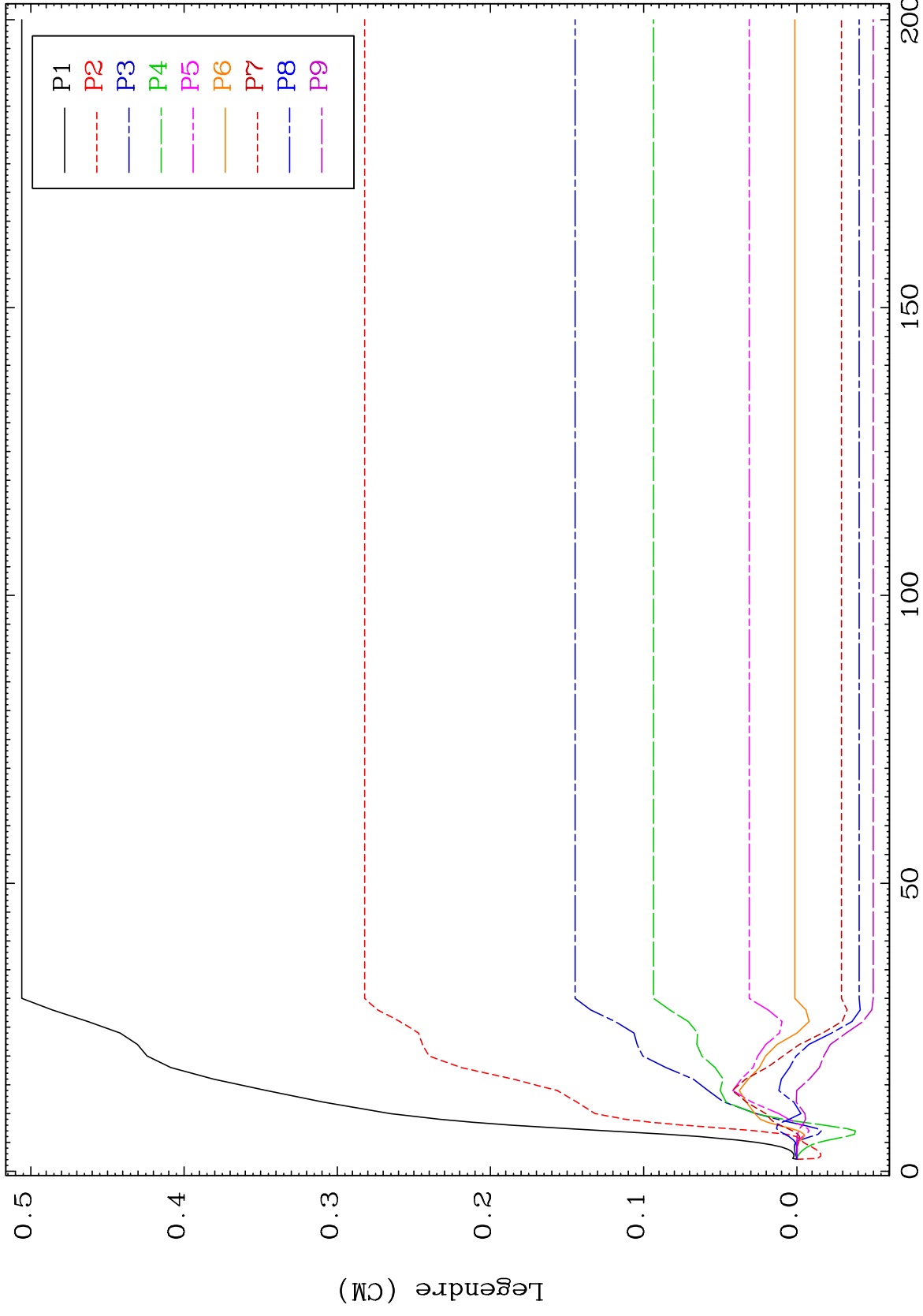


118

MAT 5131

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

51-Sb-123



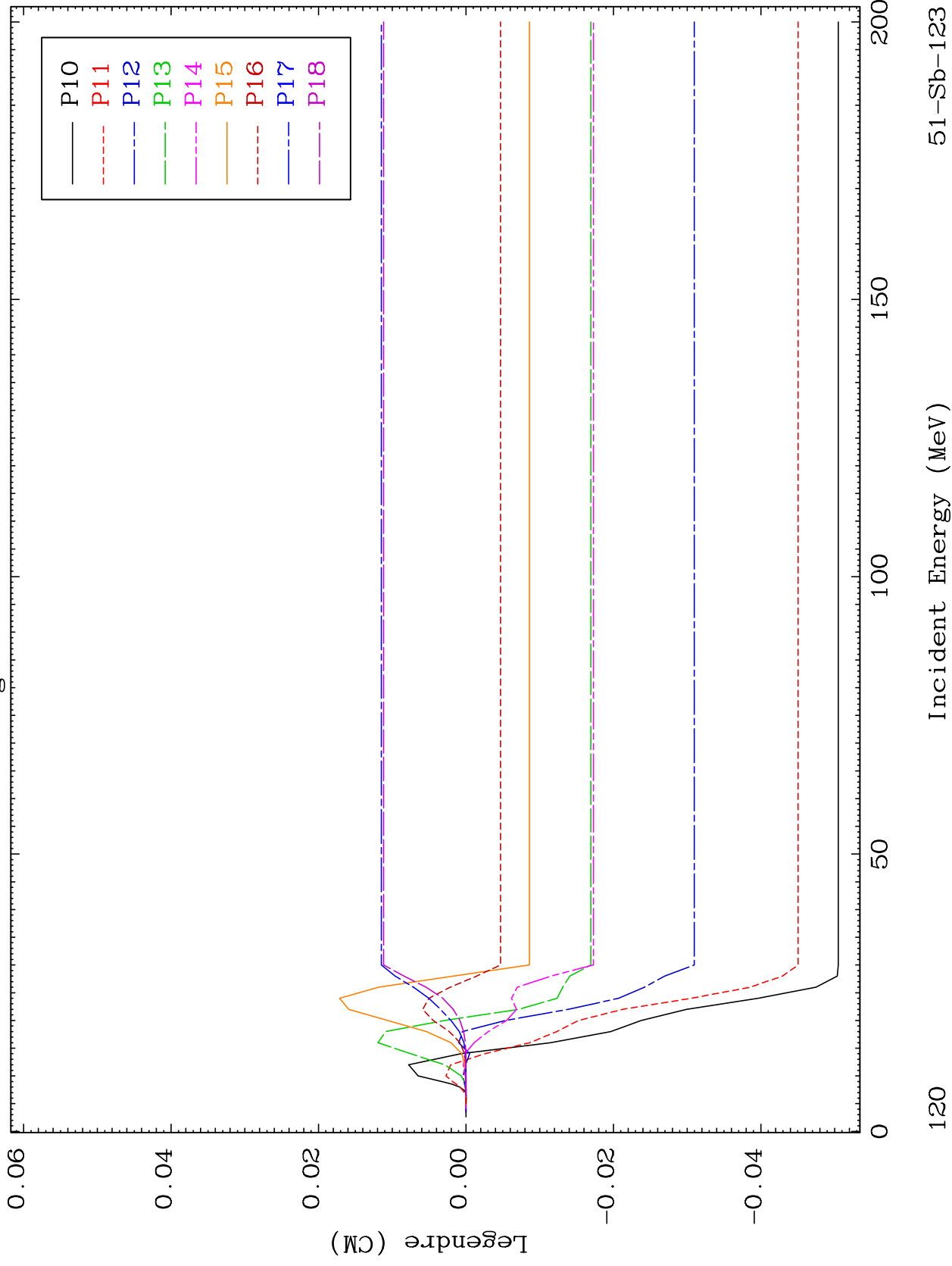
119

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

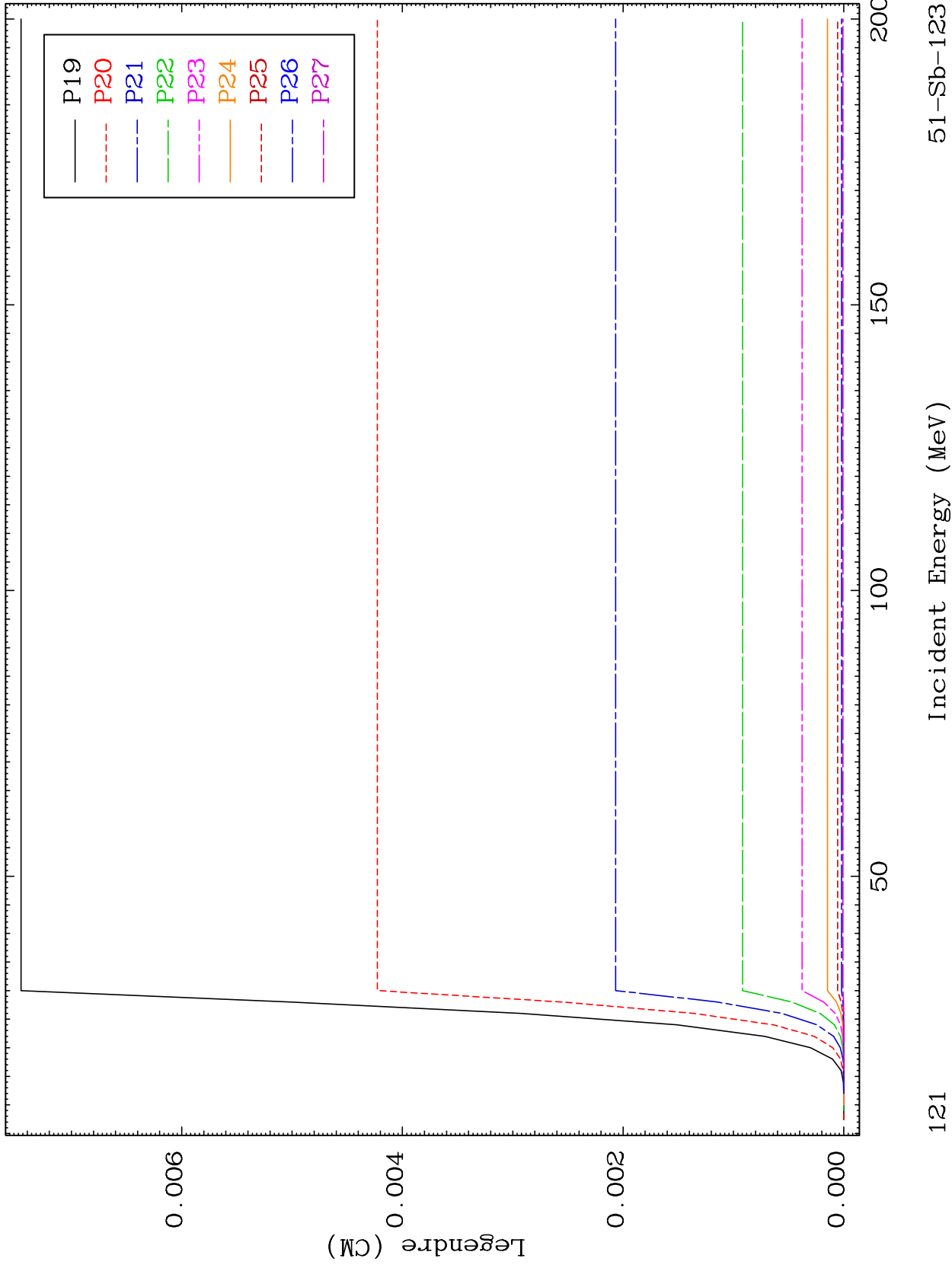
Incident Energy (MeV)

120

MAT 5131

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

51-Sb-123



121

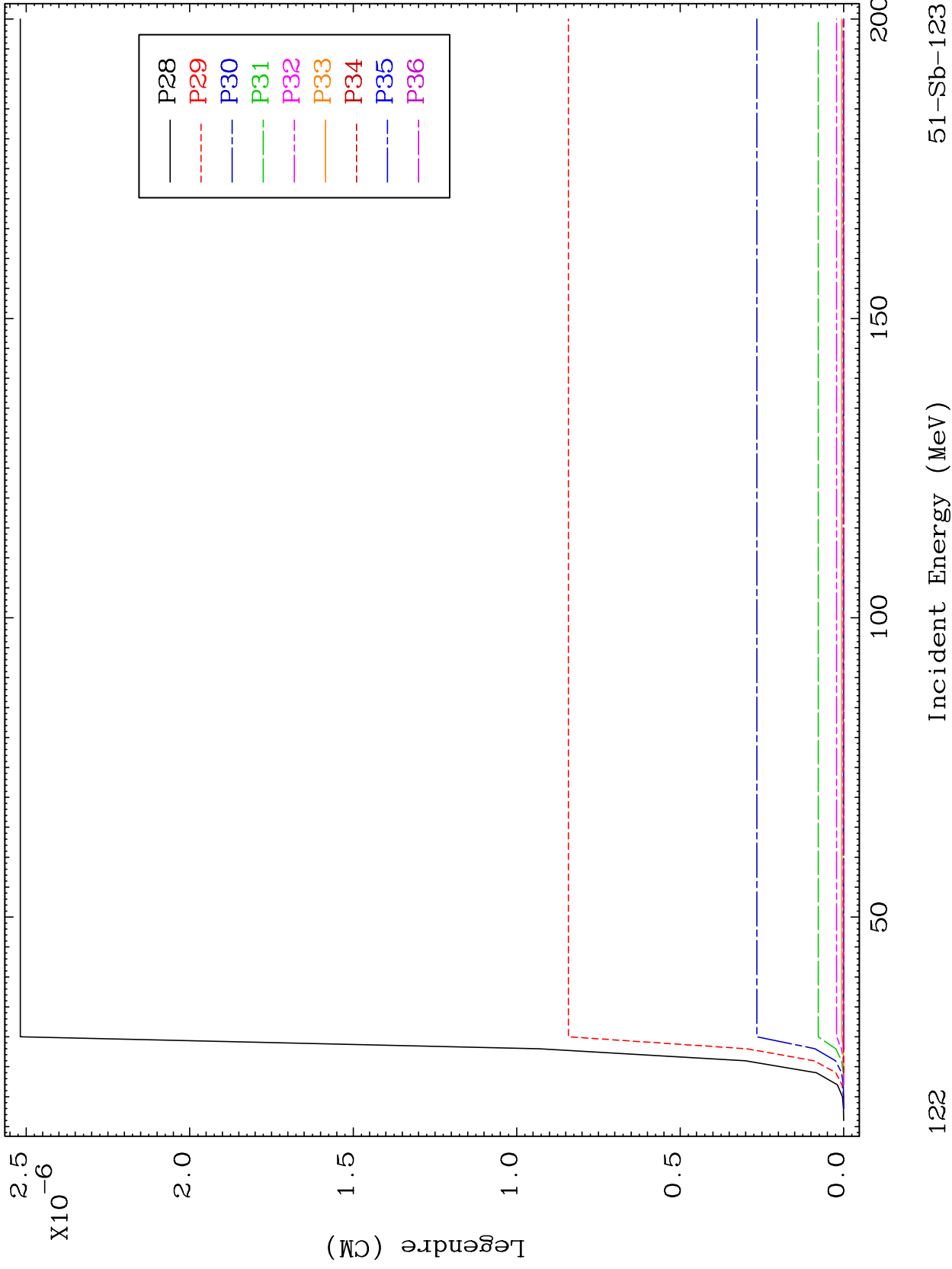
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



122

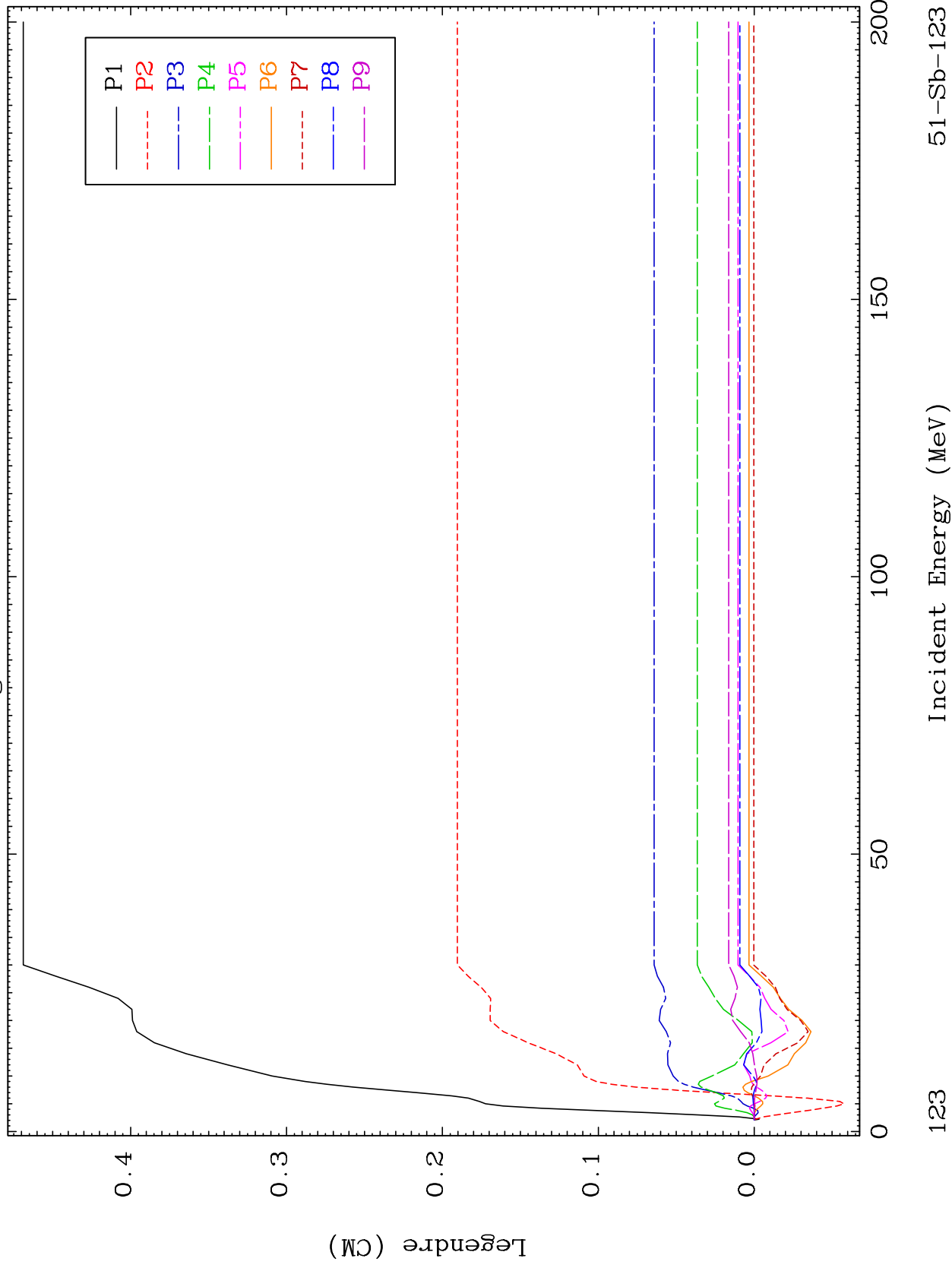
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

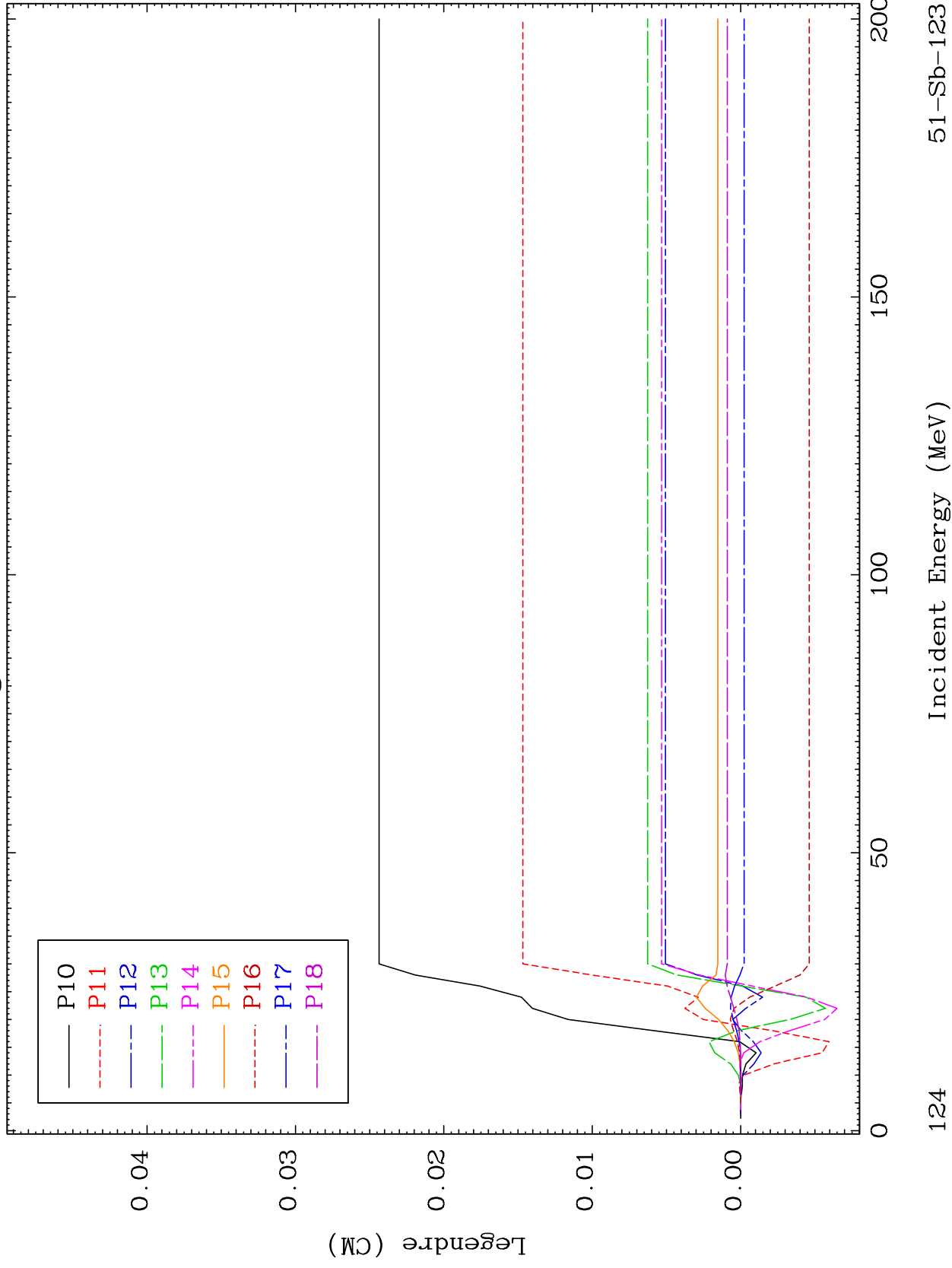
Incident Energy (MeV)

123

MAT 5131

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

51-Sb-123



51-Sb-123

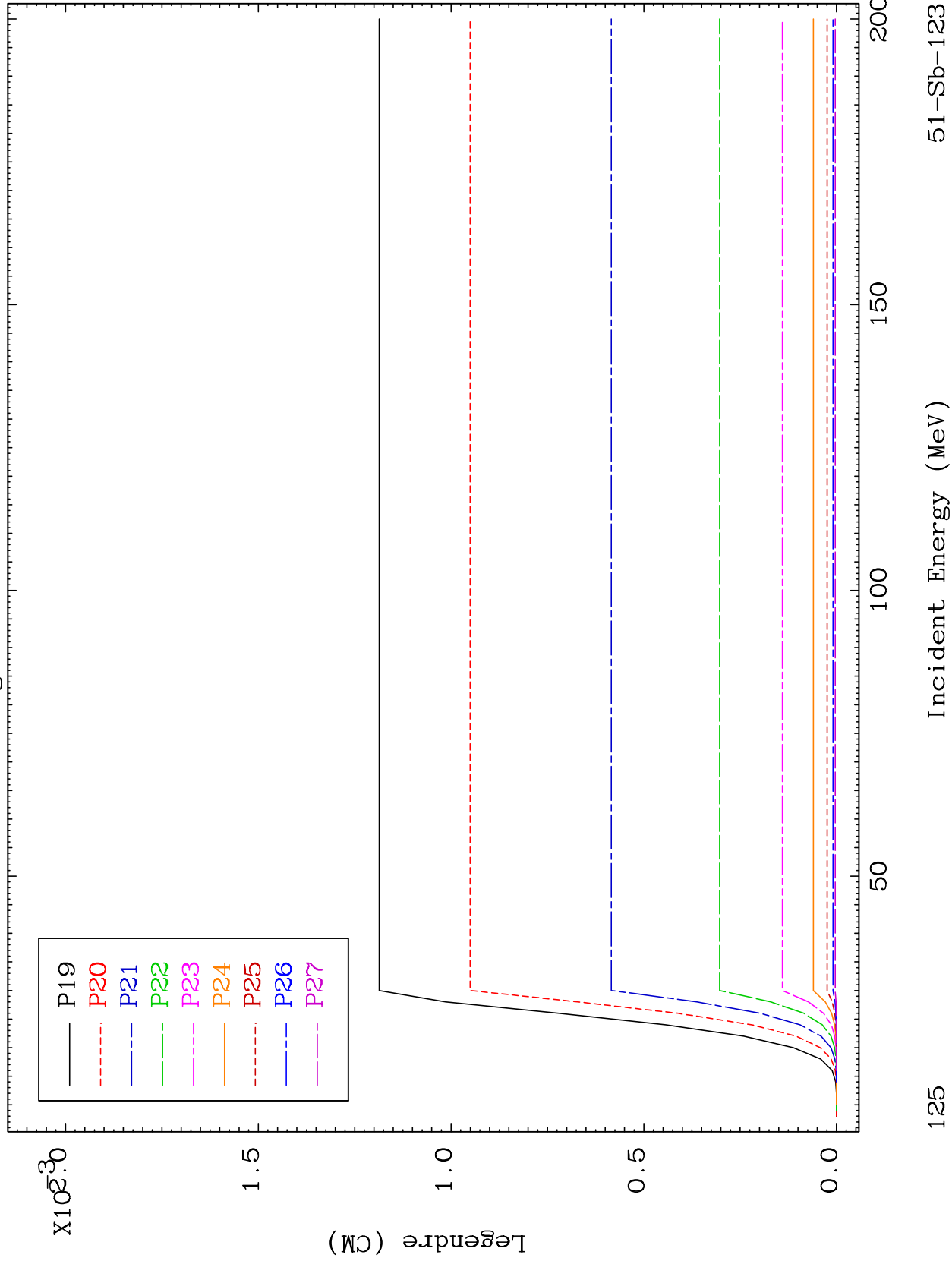
Incident Energy (MeV)

124

MAT 5131

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

51-Sb-123

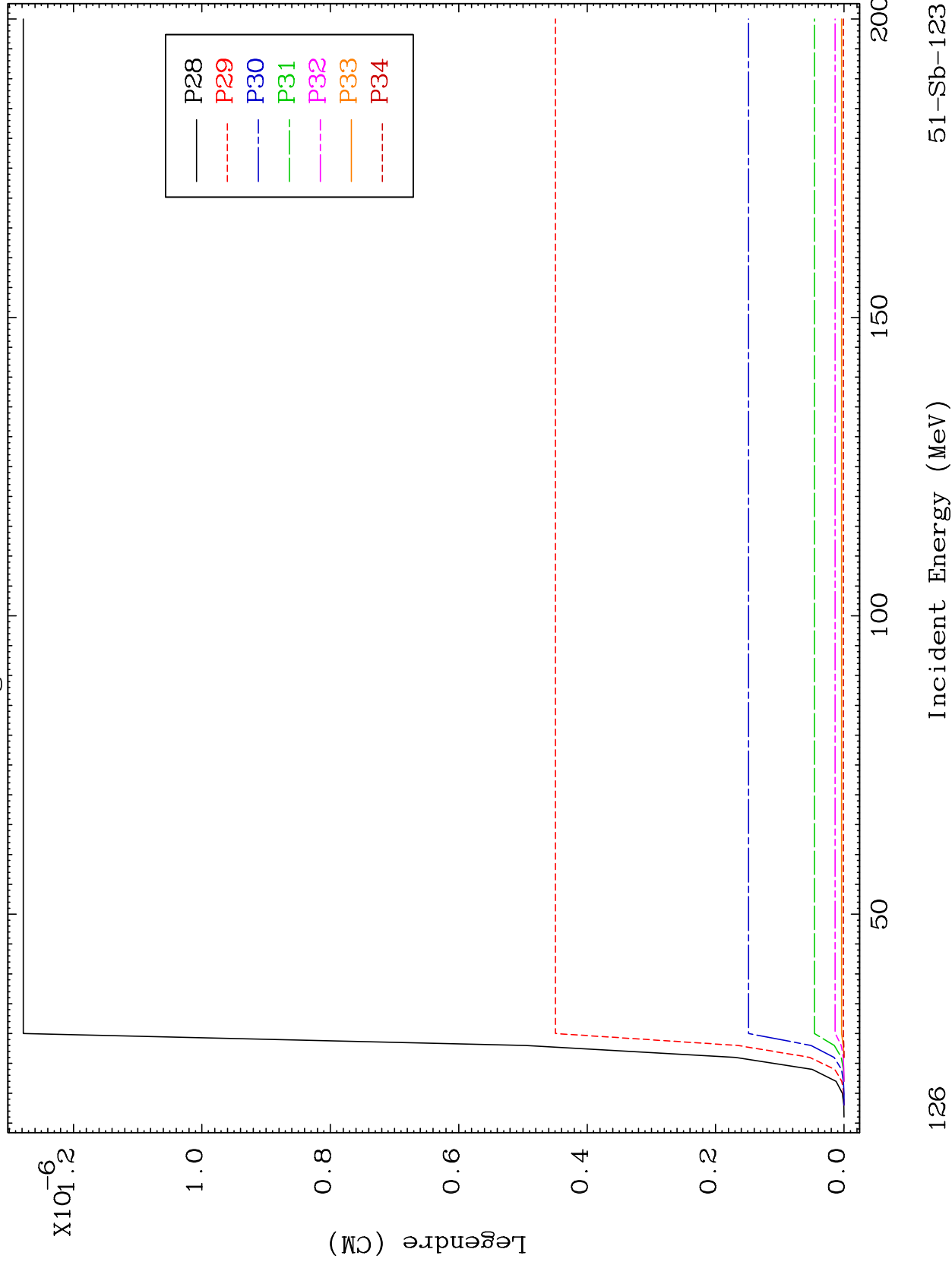


125

MAT 5131

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

51-Sb-123



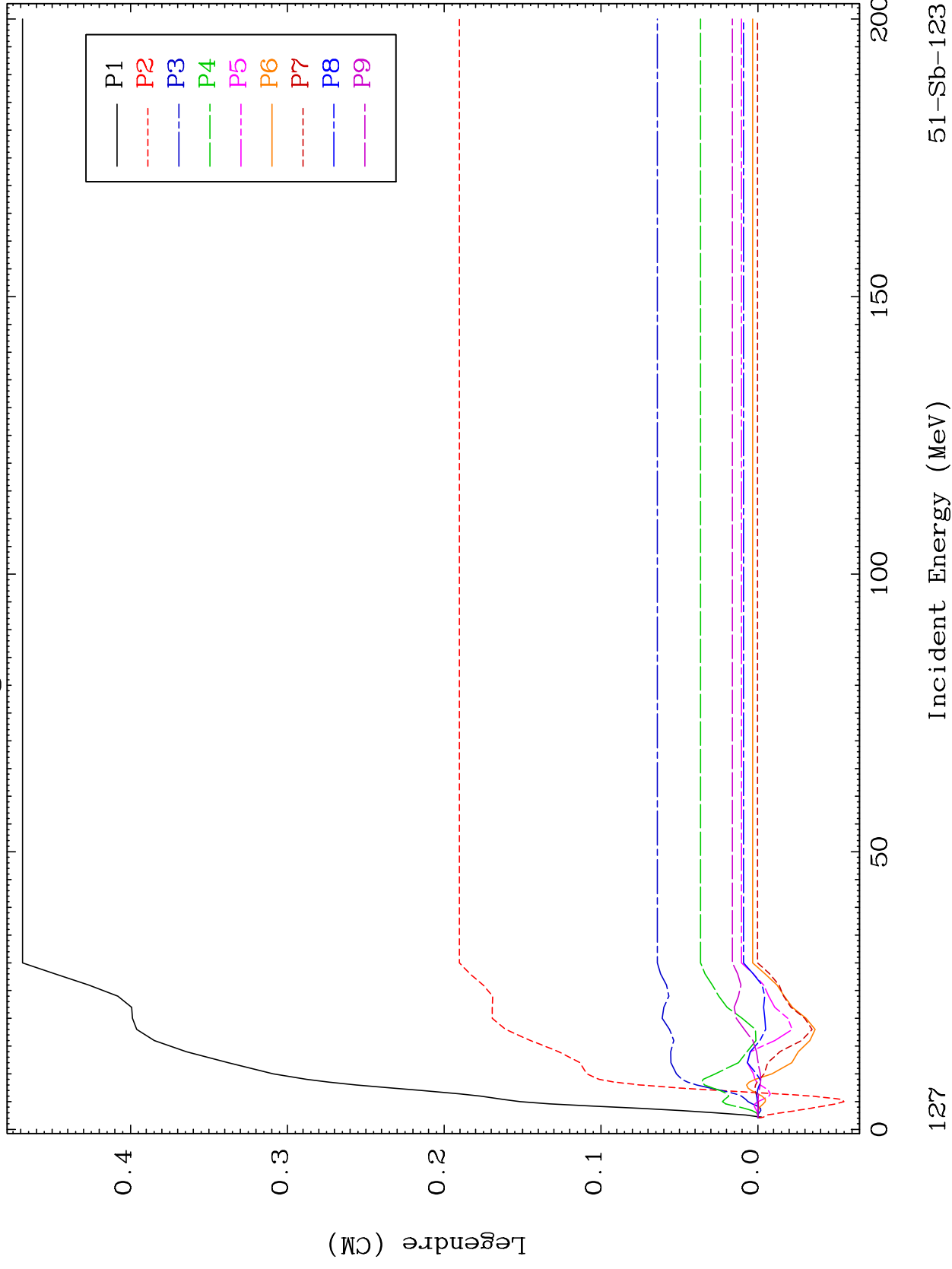
126

51-Sb-123

MAT 5131

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

51-Sb-123



51-Sb-123

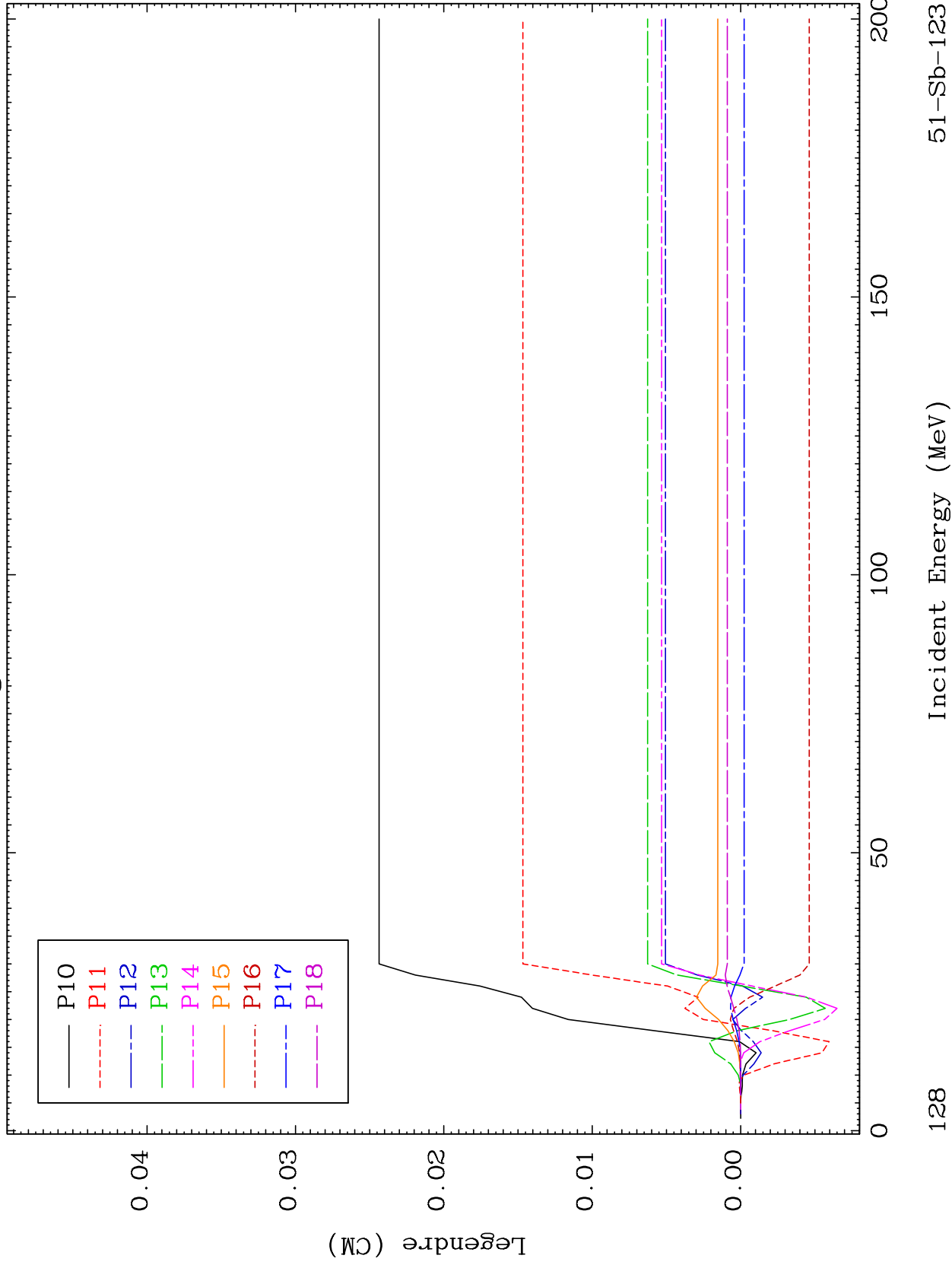
Incident Energy (MeV)

127

MAT 5131

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

51-Sb-123



51-Sb-123

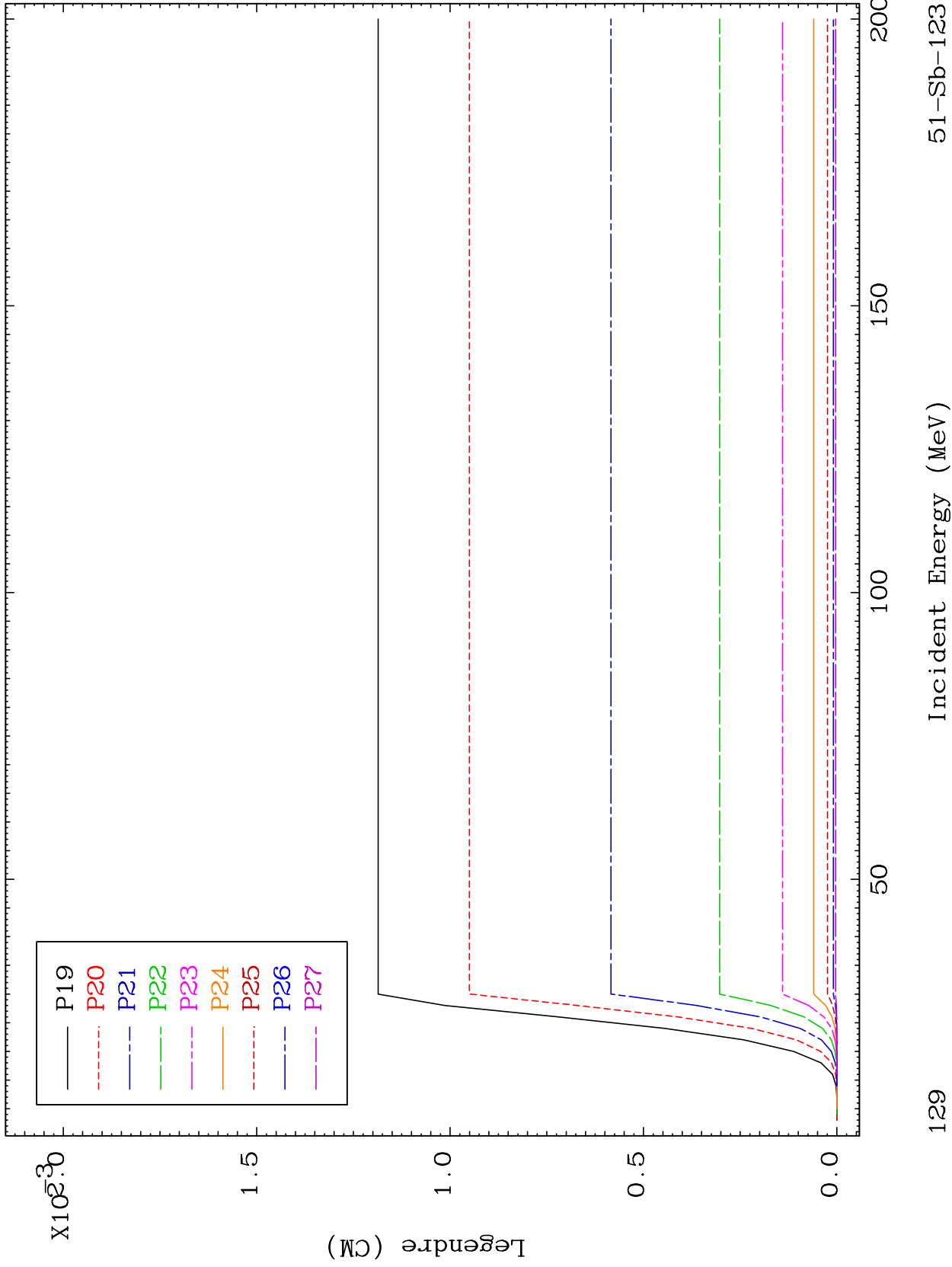
Incident Energy (MeV)

128

MAT 5131

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

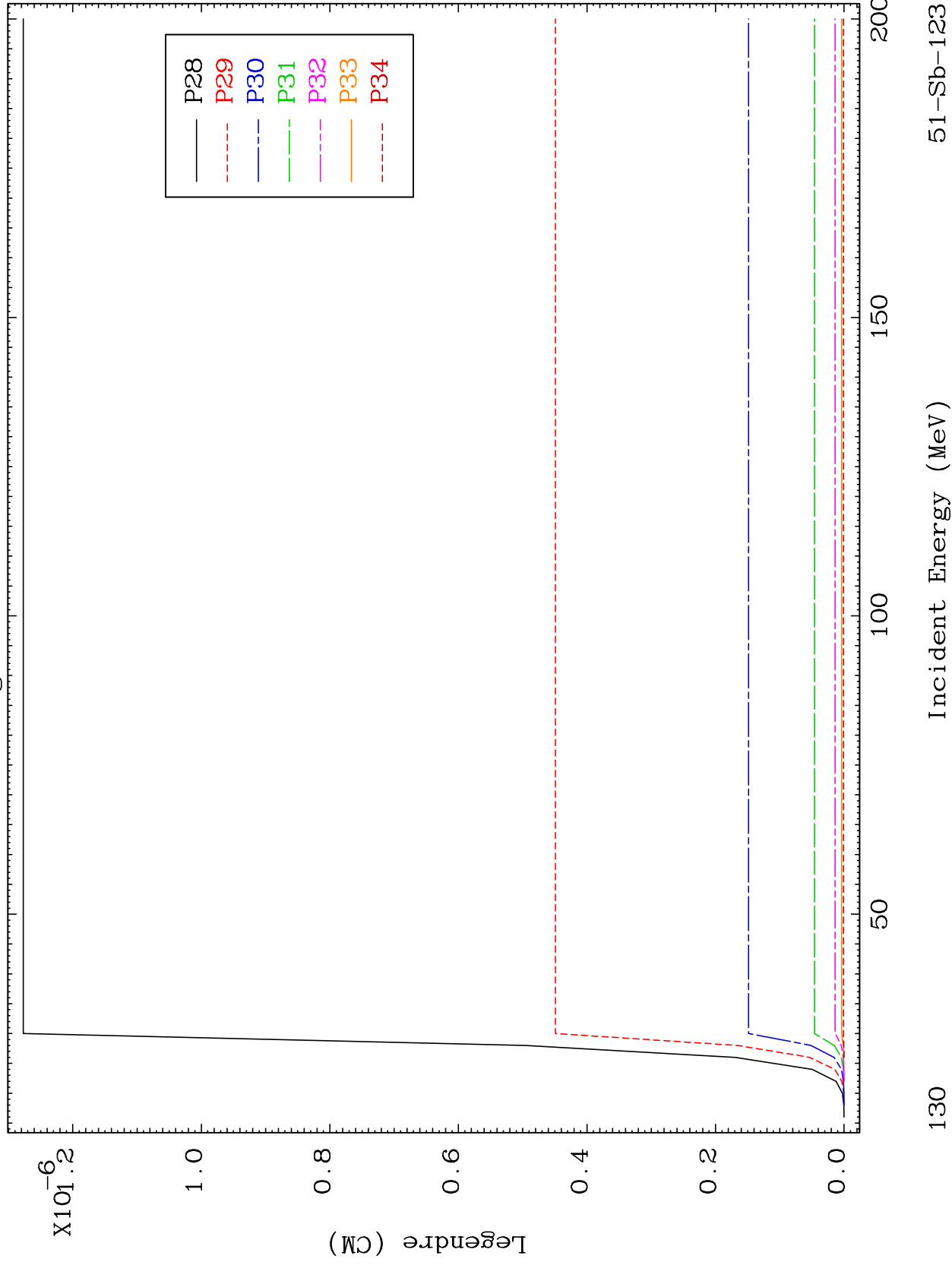
51-Sb-123



MAT 5131

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

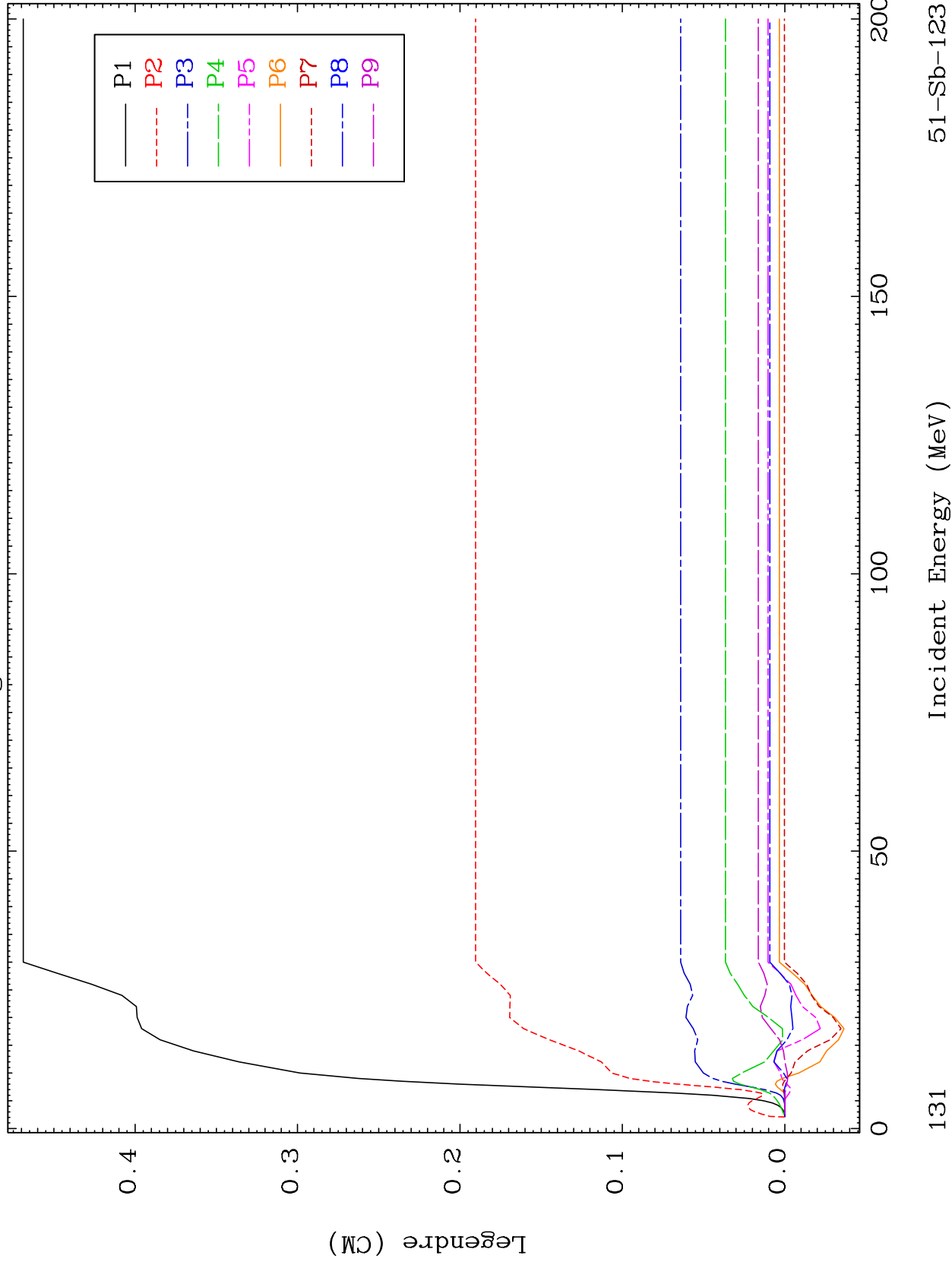
51-Sb-123



MAT 5131

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

51-Sb-123



51-Sb-123

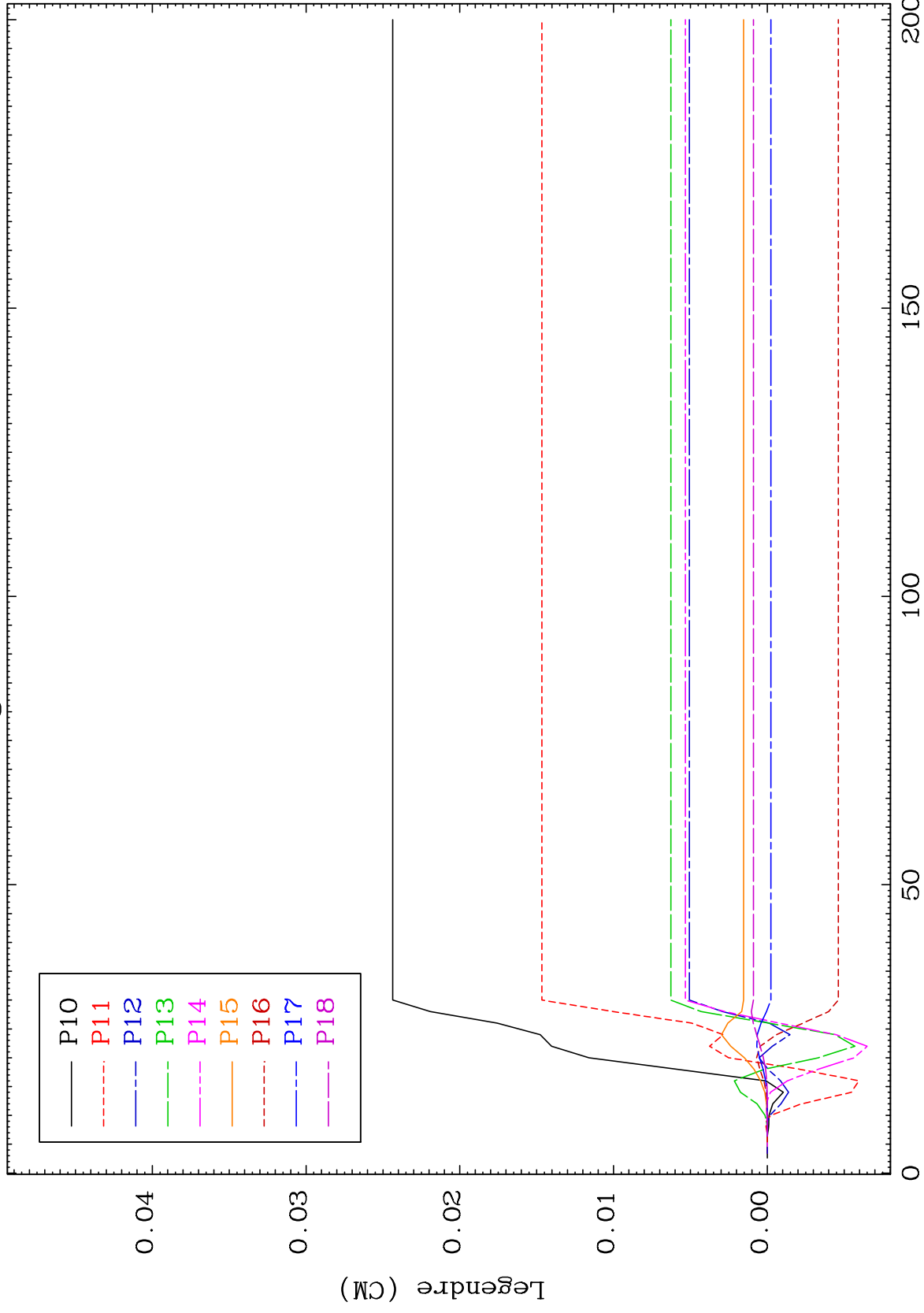
Incident Energy (MeV)

131

MAT 5131

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

51-Sb-123



132

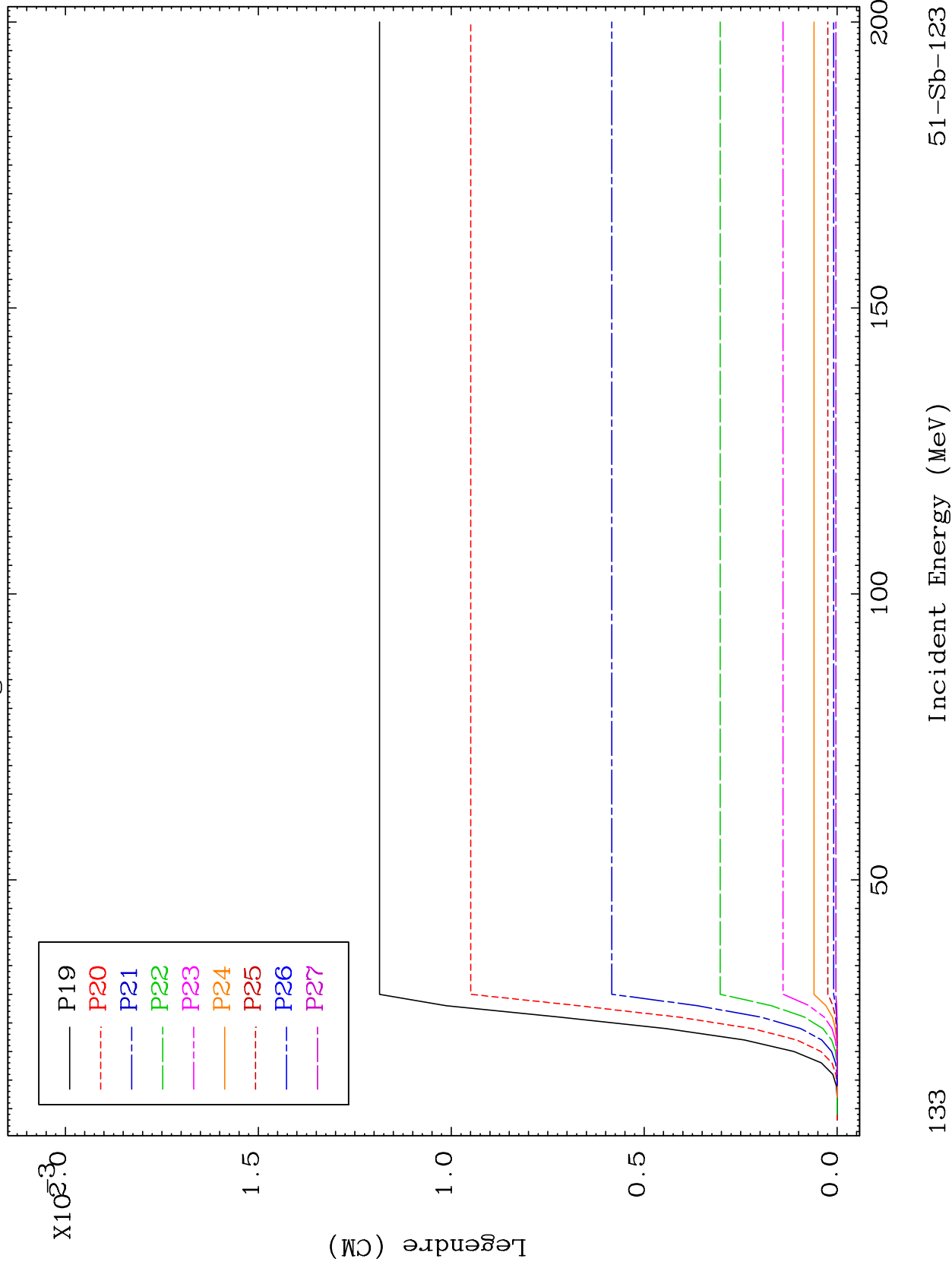
Incident Energy (MeV)

51-Sb-123

MAT 5131

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

51-Sb-123



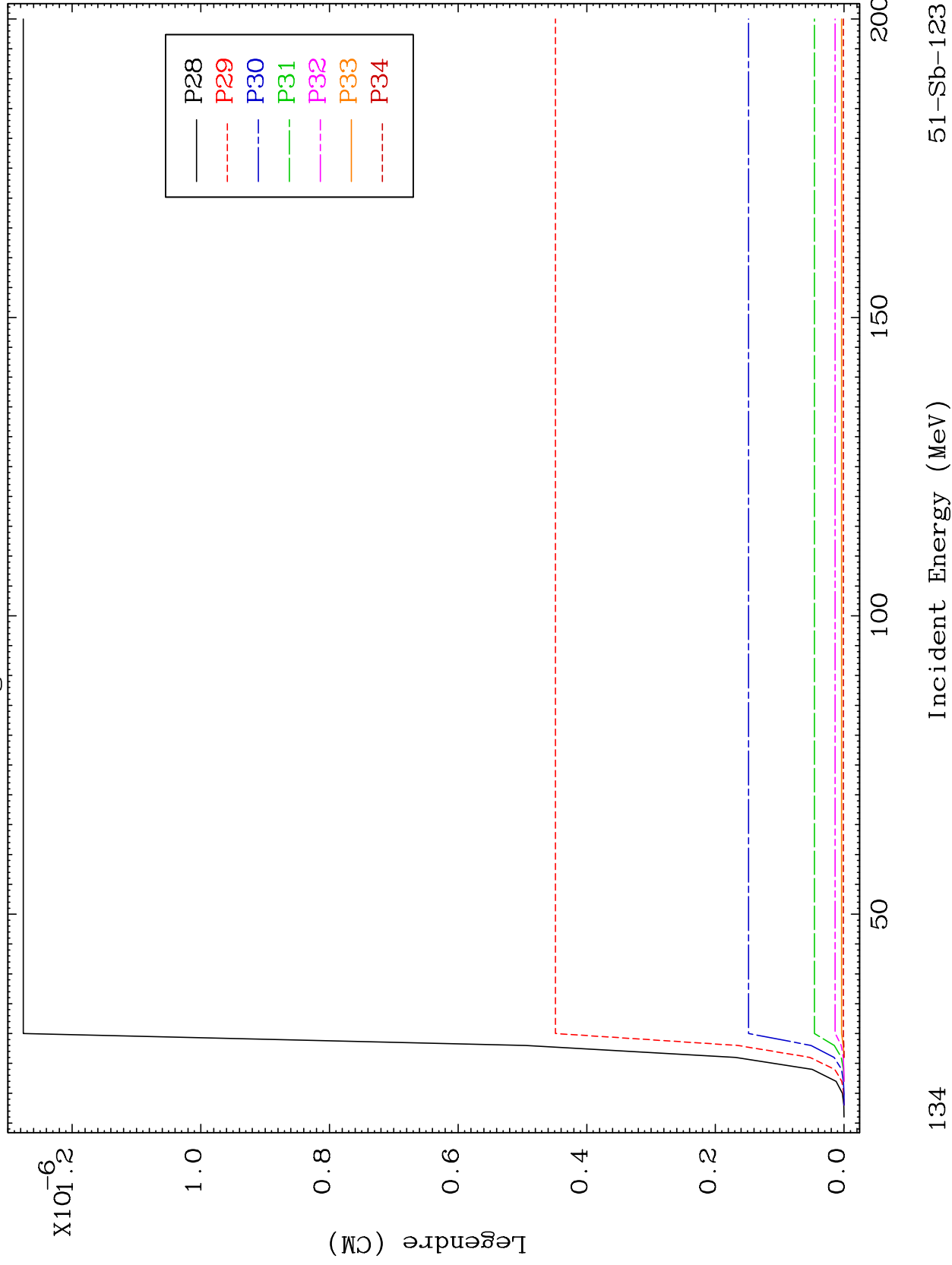
133

51-Sb-123

MAT 5131

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

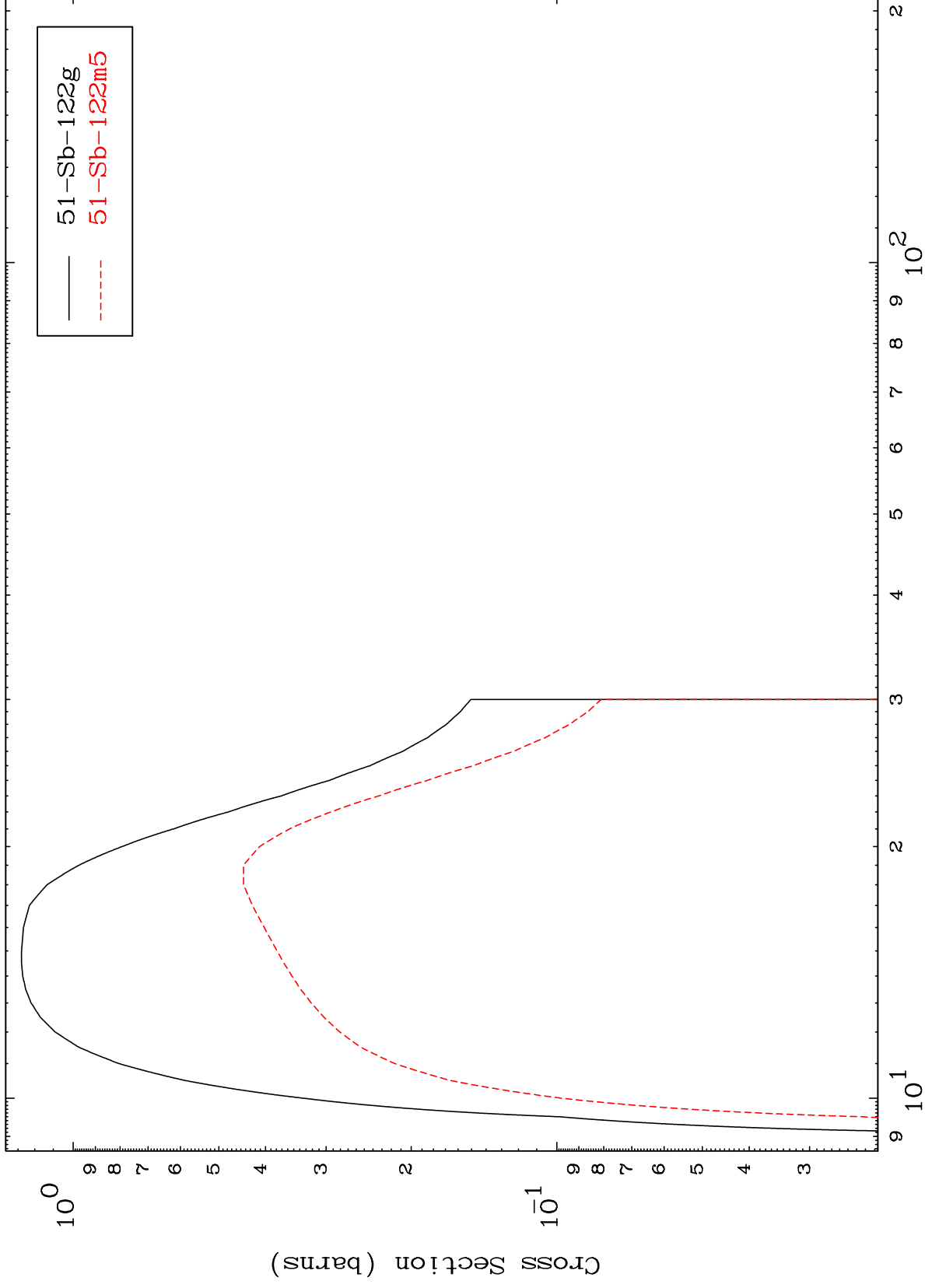
51-Sb-123



MAT 5131

51-Sb-123

(n,2n)
Radionuclide Production Cross Section



51-Sb-123

Incident Energy (MeV)

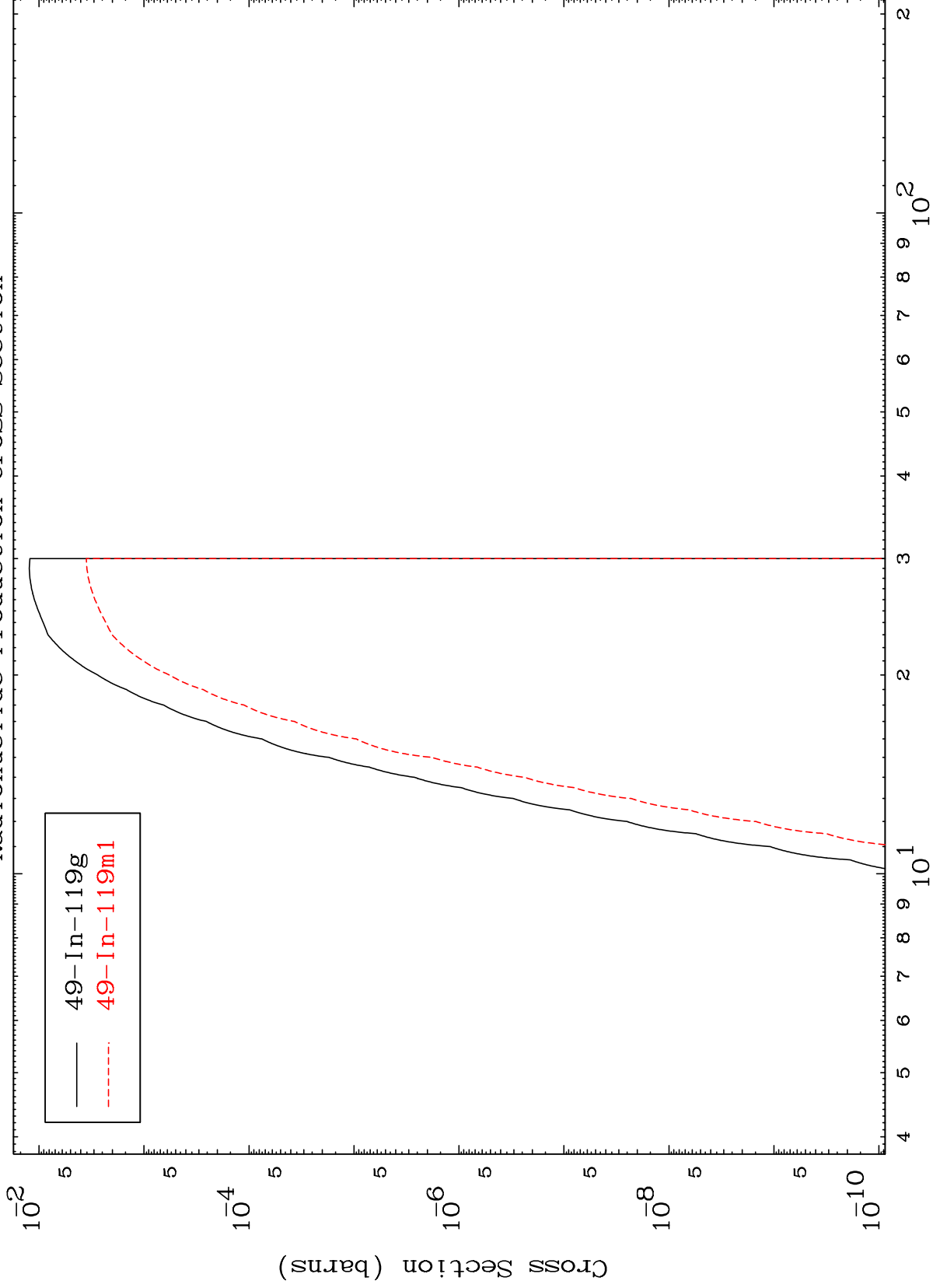
135

MAT 5131

(n,n') α

51-Sb-123

Radionuclide Production Cross Section



136

Incident Energy (MeV)

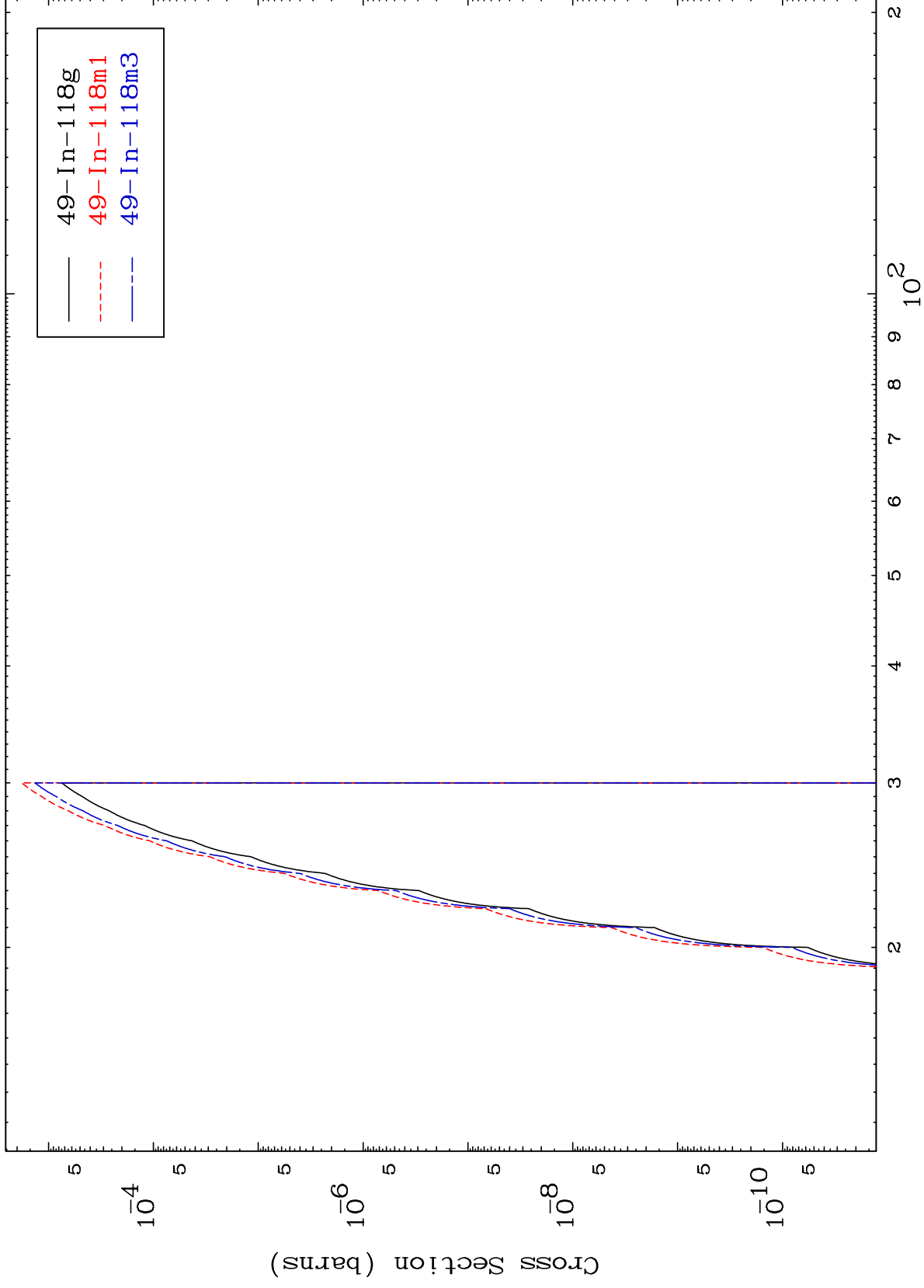
51-Sb-123

MAT 5131

(n,2n) α

51-Sb-123

Radionuclide Production Cross Section



137

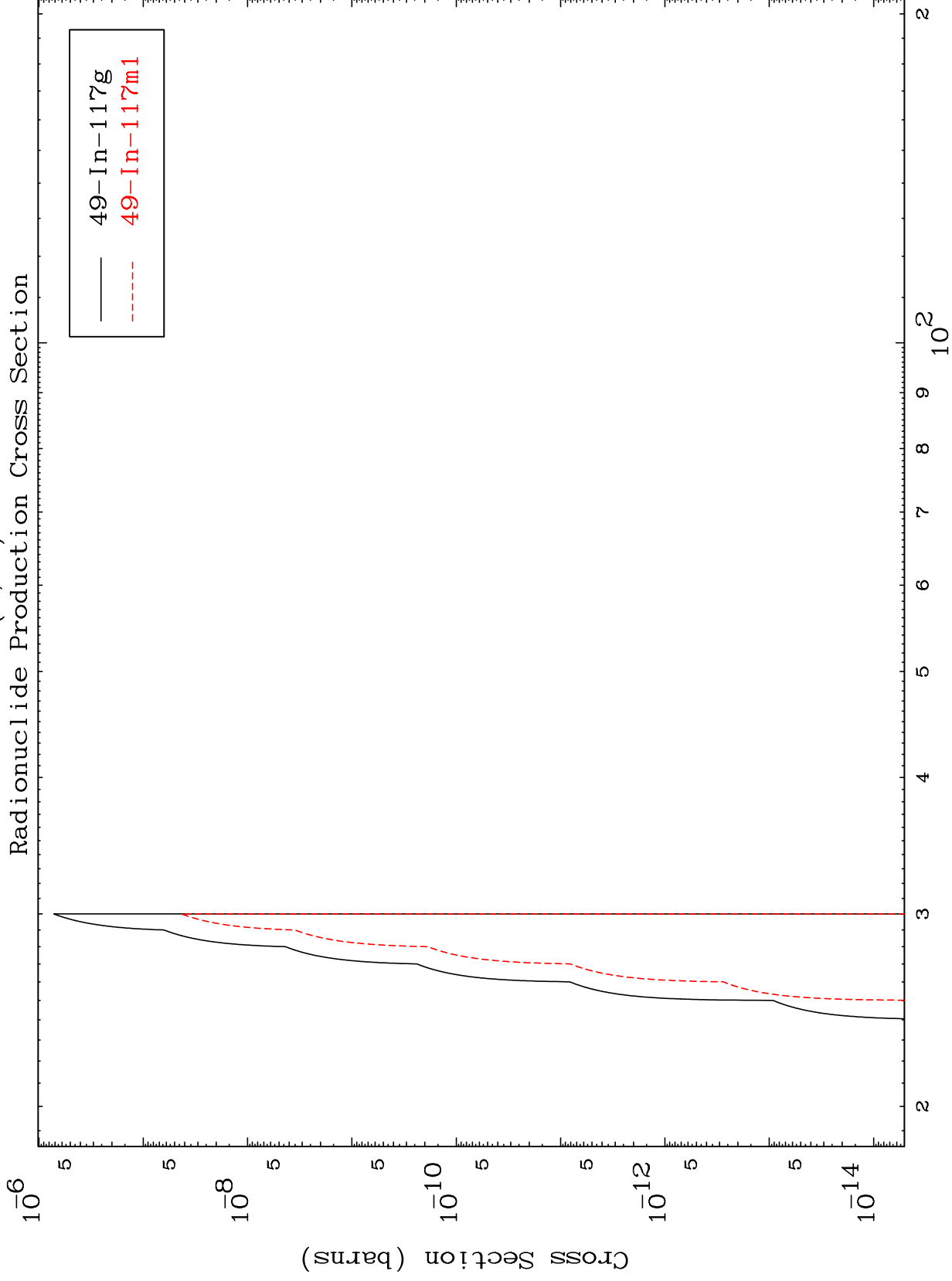
Incident Energy (MeV)

51-Sb-123

MAT 5131

(n,3n) α

51-Sb-123

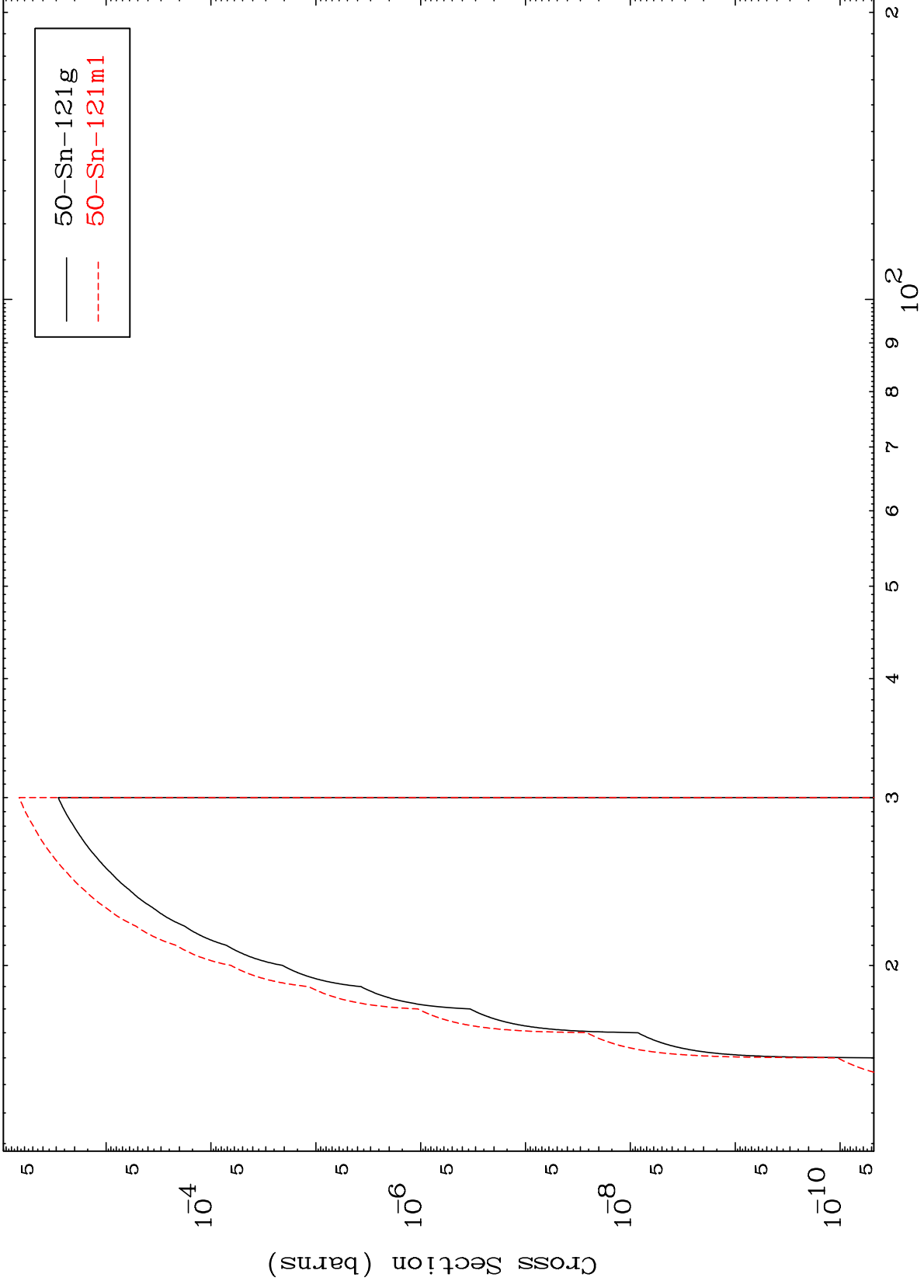


138

Incident Energy (MeV)

51-Sb-123

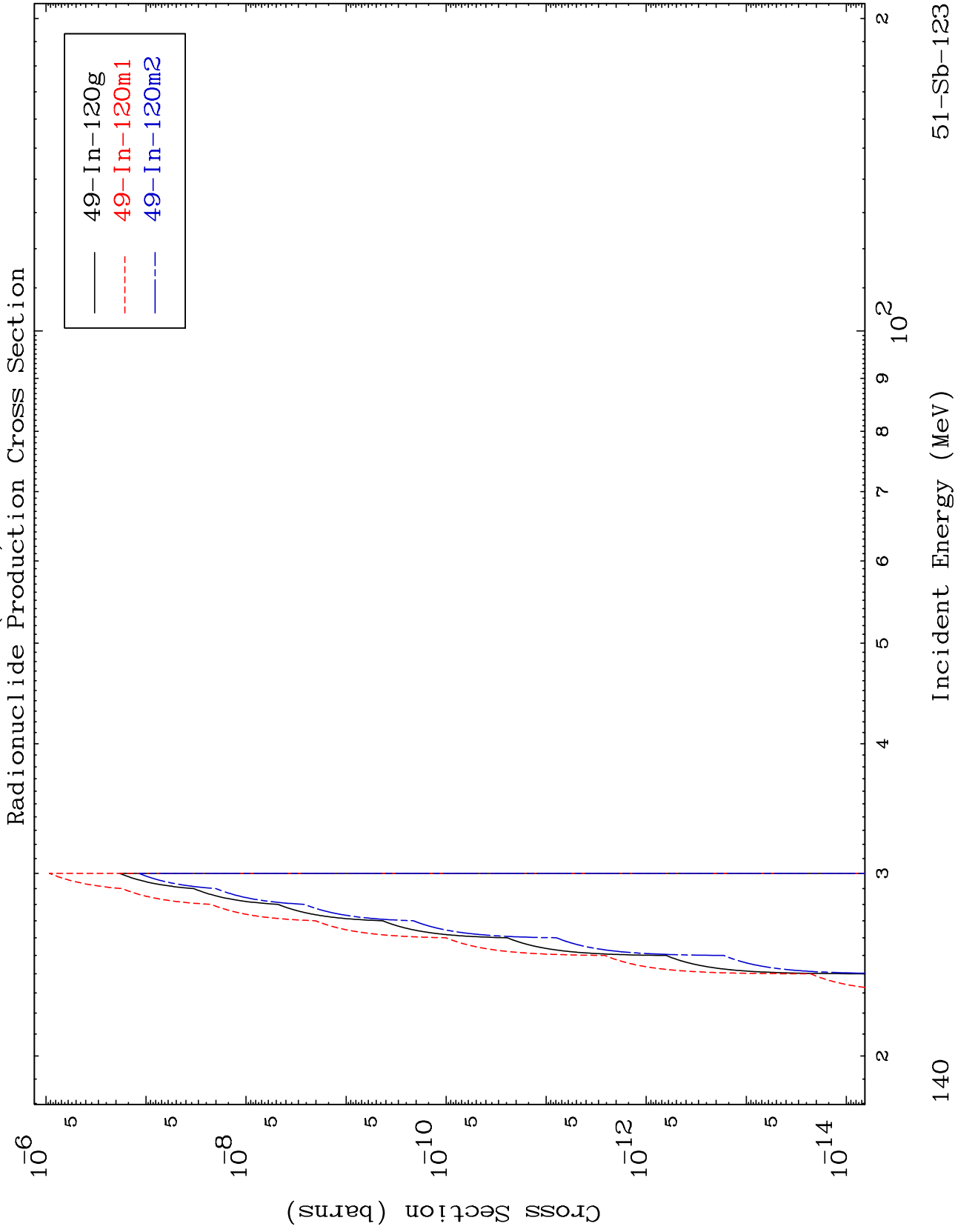
Radionuclide Production Cross Section



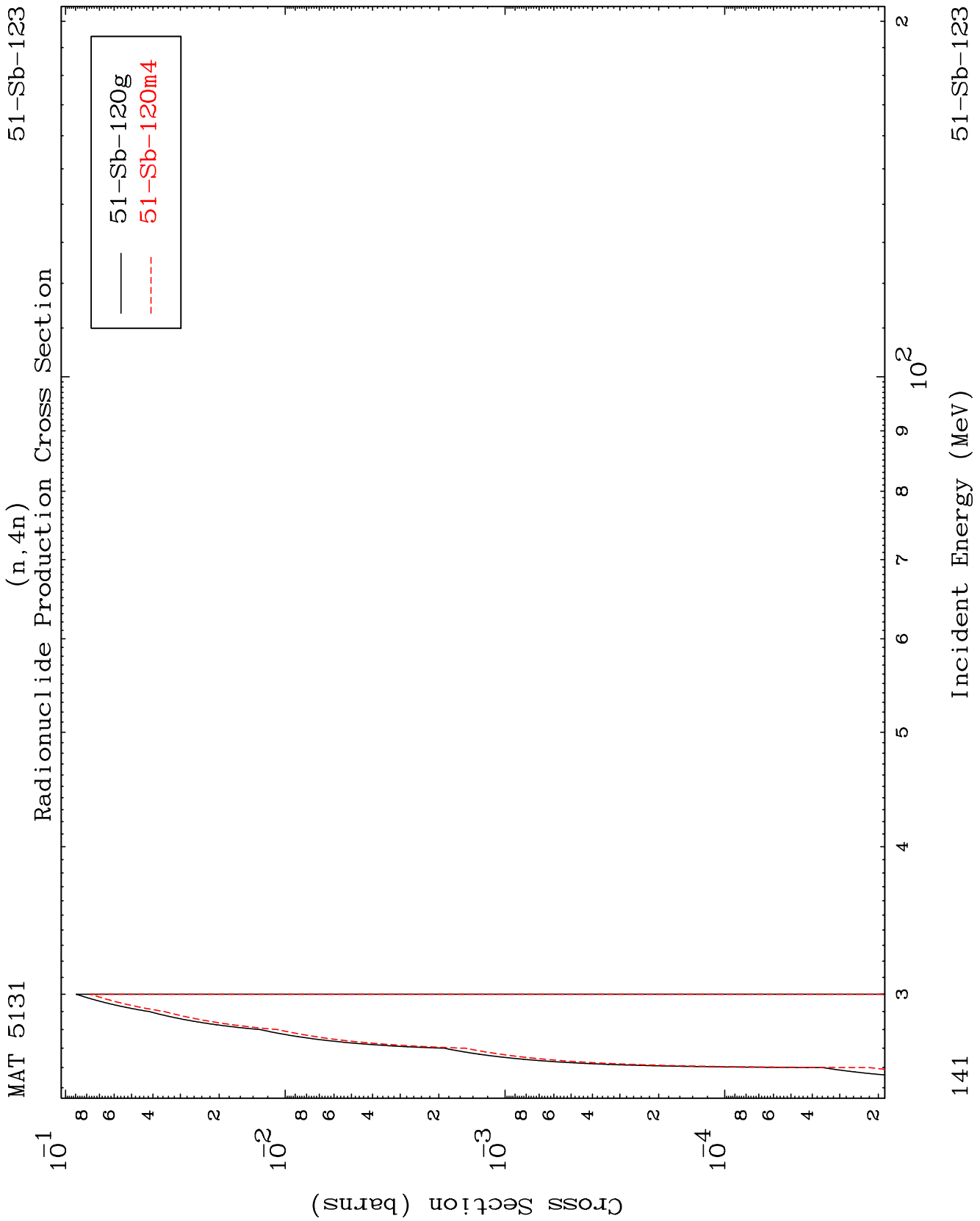
MAT 5131

(n,n') He-3

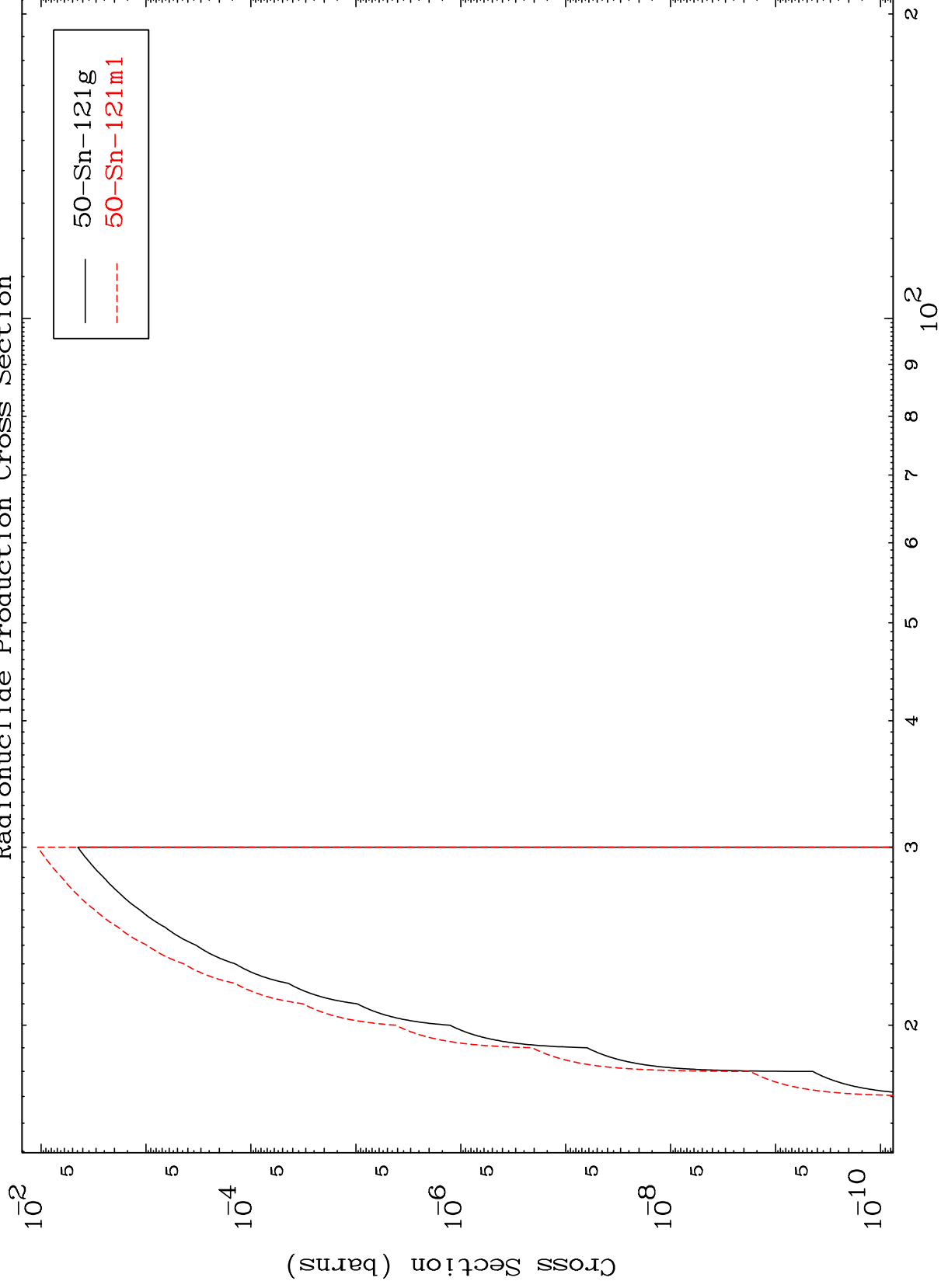
51-Sb-123



140



(n,2n) p
Radionuclide Production Cross Section

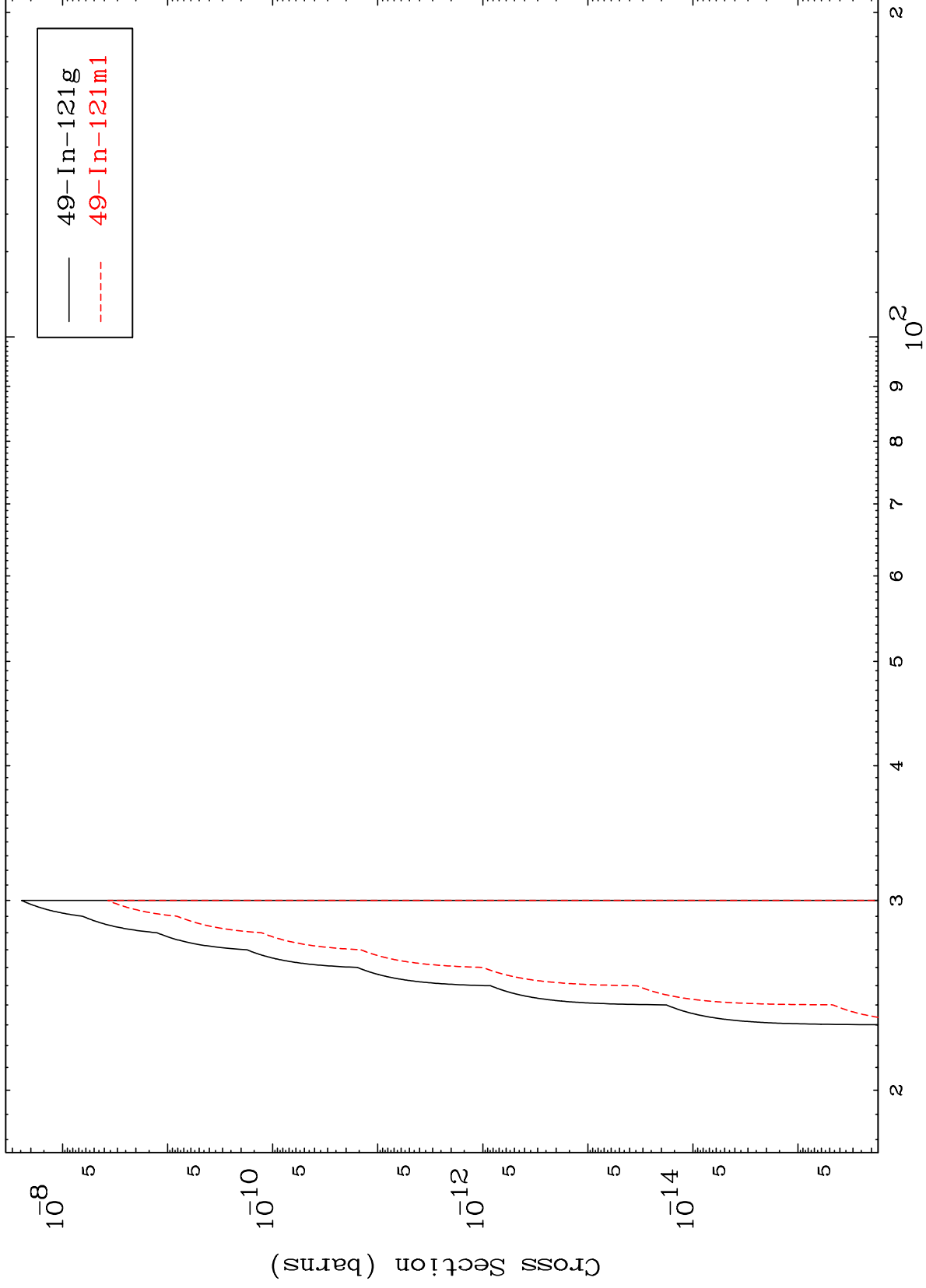


MAT 5131

(n,2n) p

51-Sb-123

Radionuclide Production Cross Section



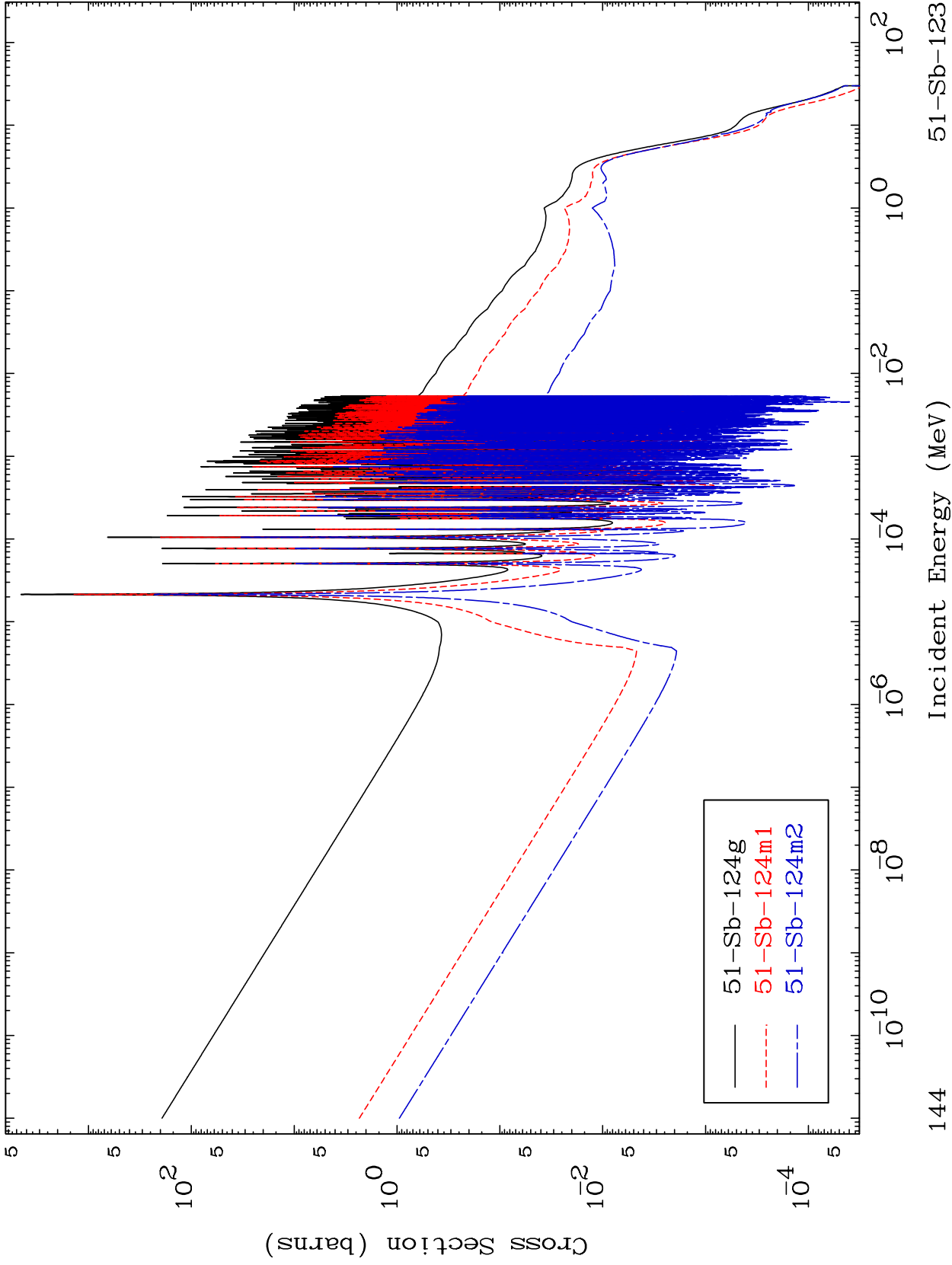
143

Incident Energy (MeV)

51-Sb-123

Radionuclide Production Cross Section

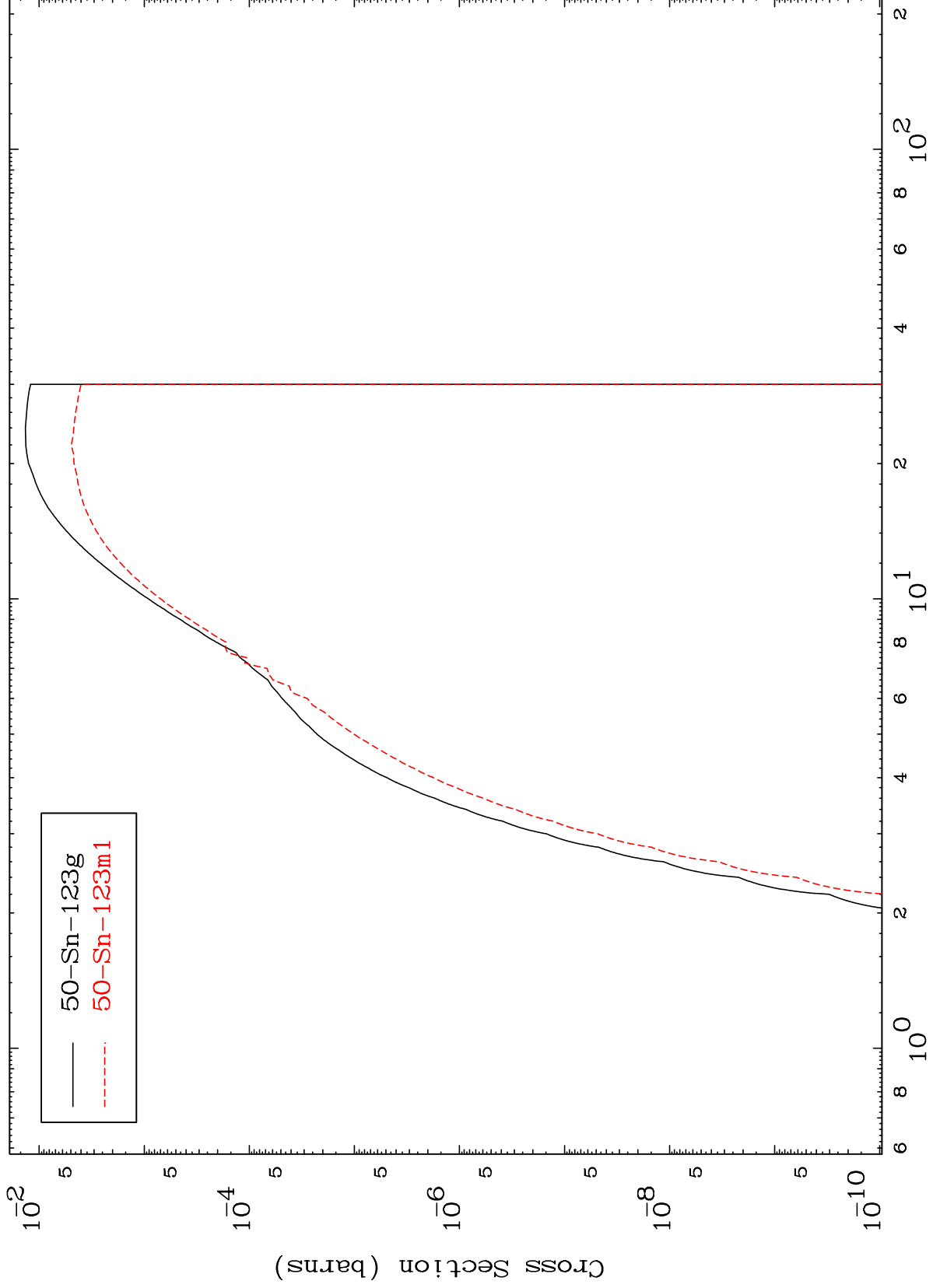
(n, γ)



MAT 5131

51-Sb-123

(n,p)
Radionuclide Production Cross Section



145

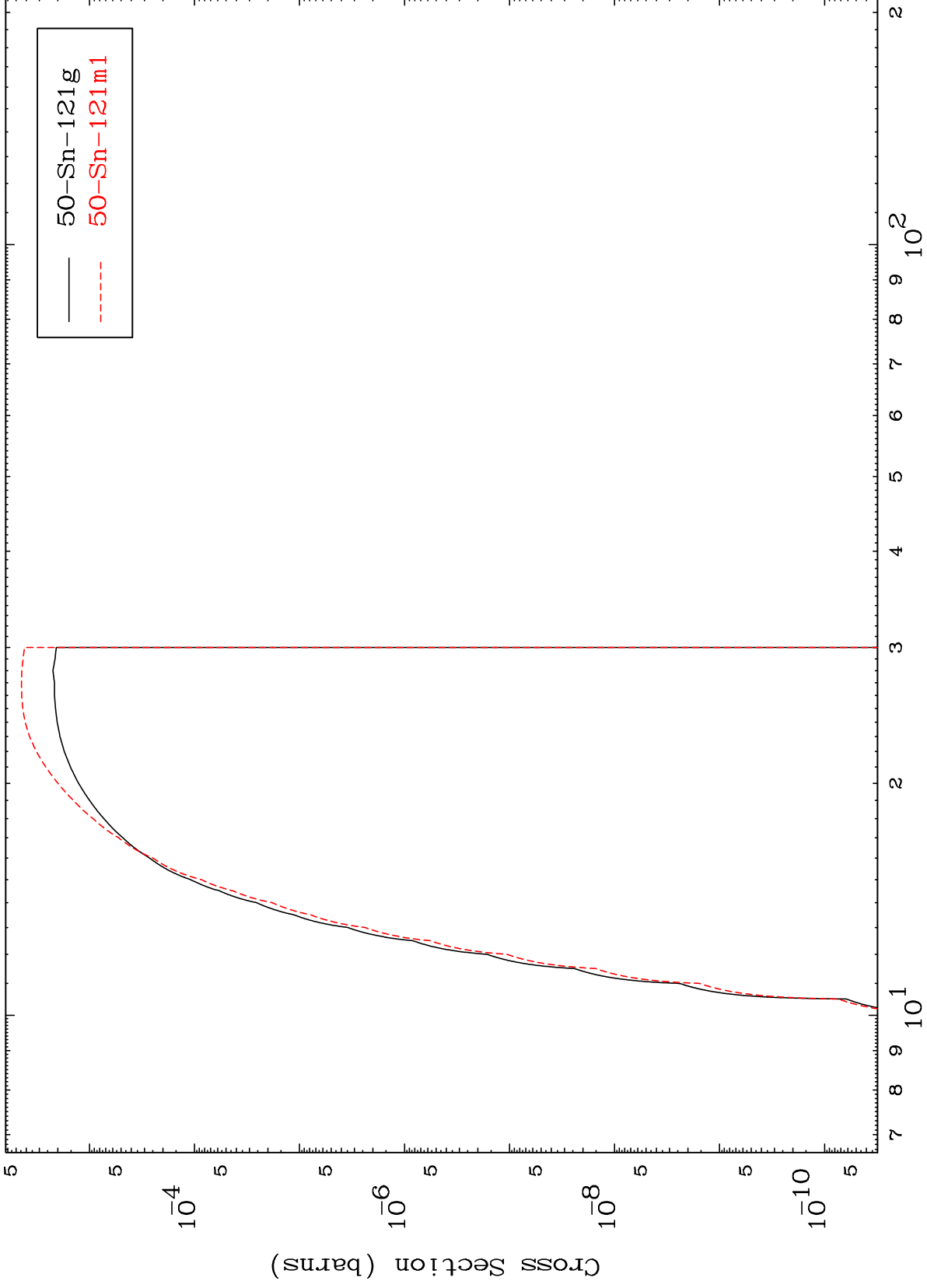
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

(n,t)
Radionuclide Production Cross Section



146

Incident Energy (MeV)

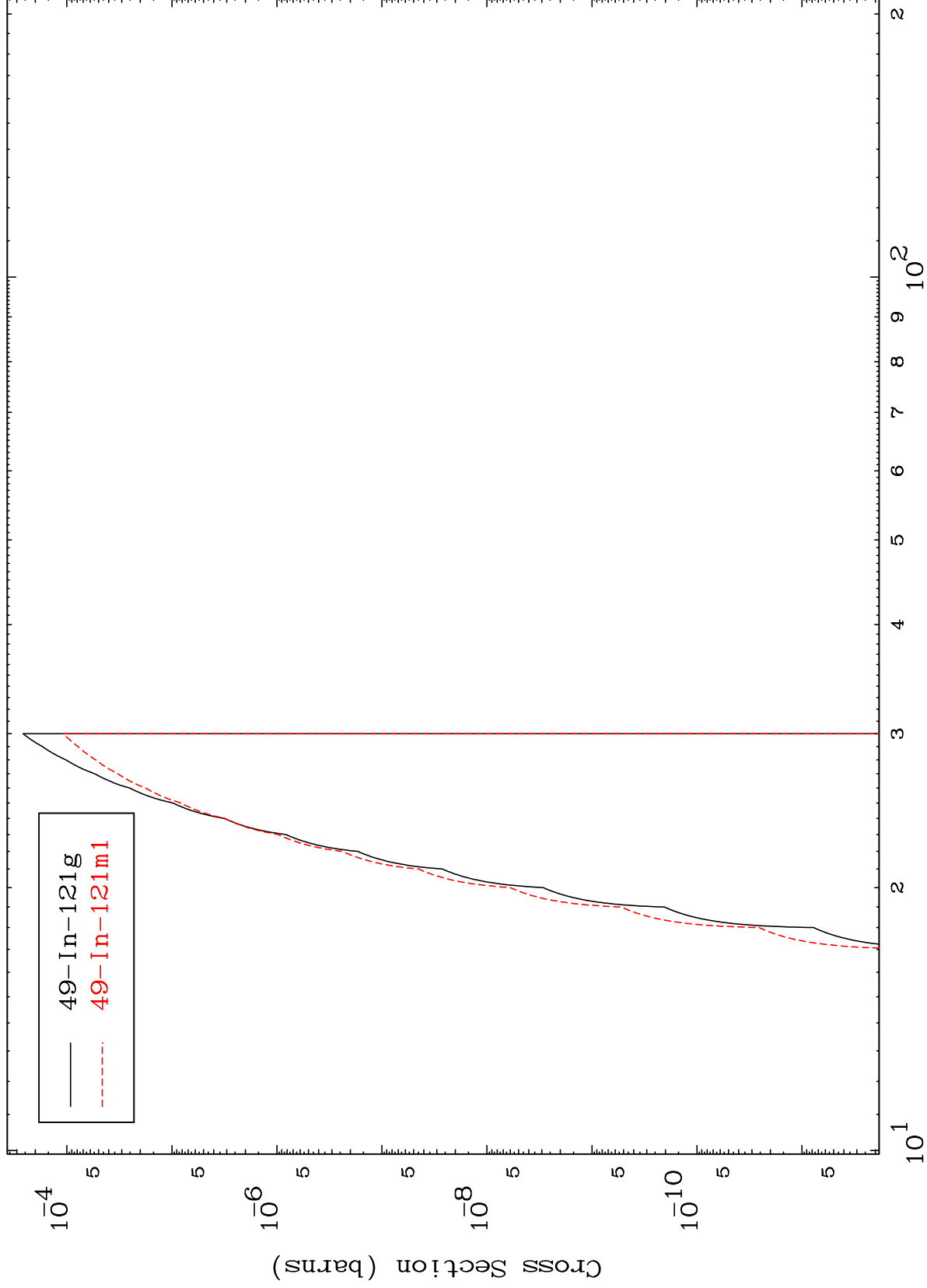
51-Sb-123

MAT 5131

(n,He-3)

51-Sb-123

Radionuclide Production Cross Section



147

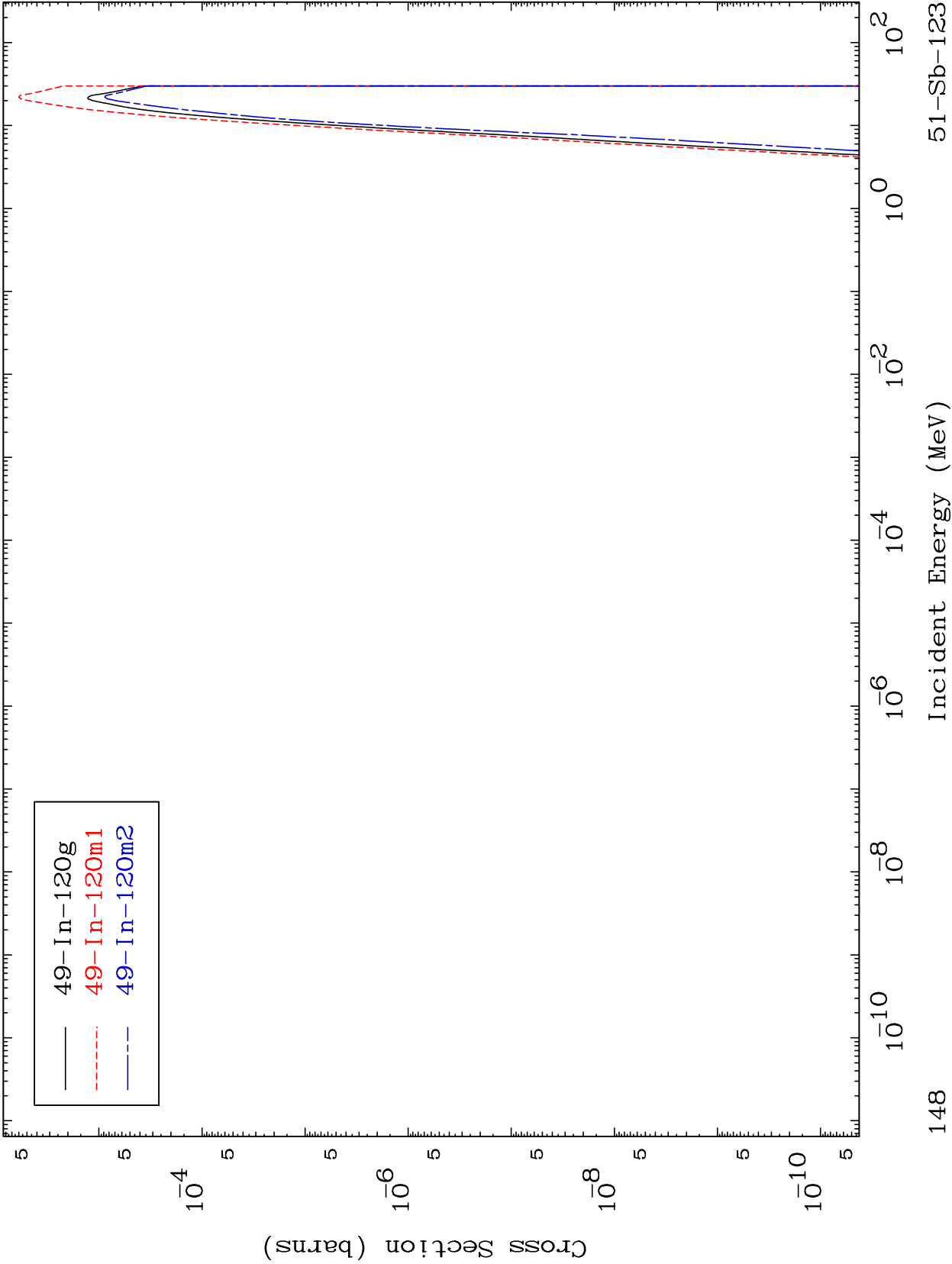
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

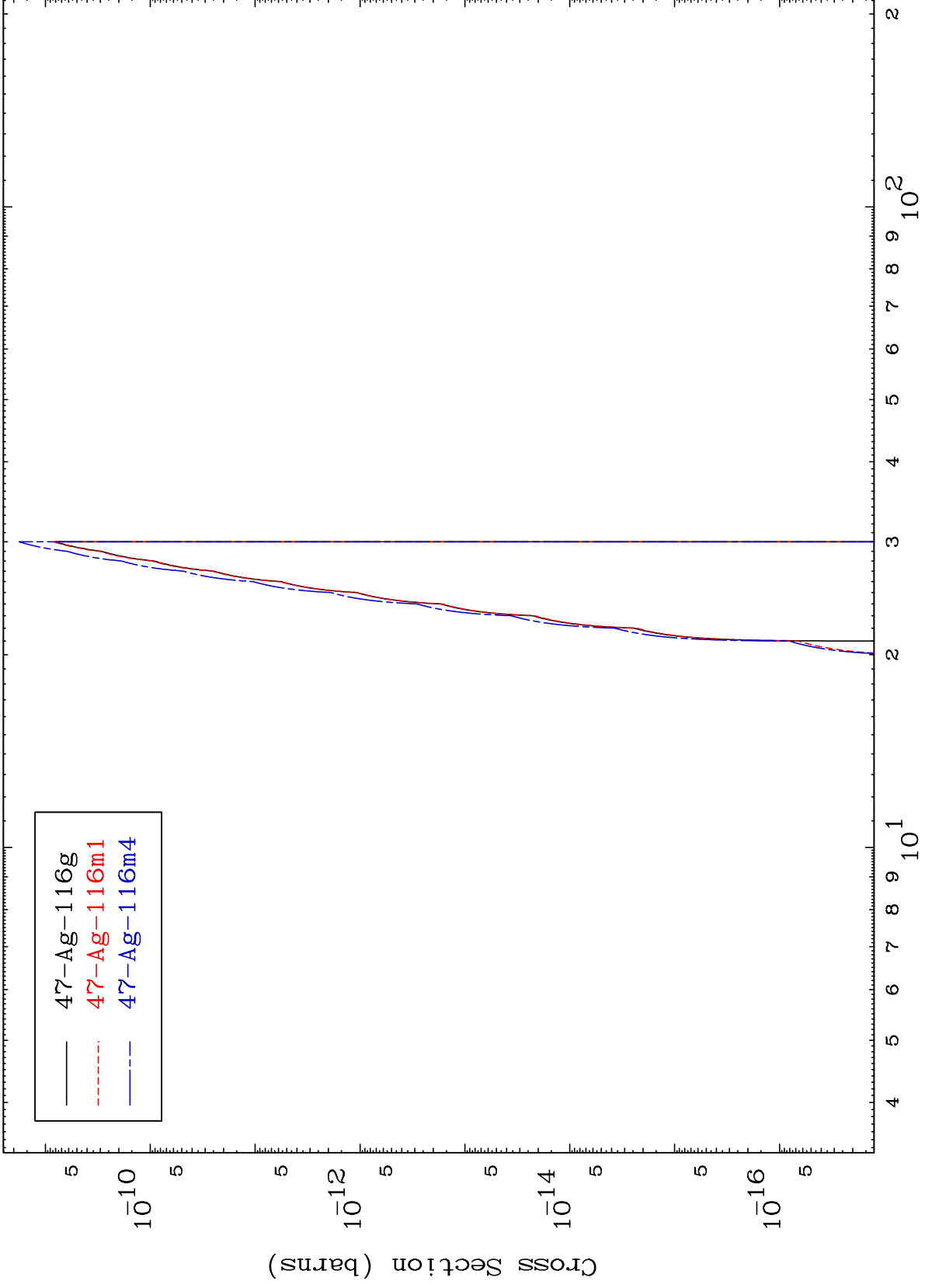
Radionuclide Production Cross Section



MAT 5131

51-Sb-123

Radionuclide Production Cross Section
(n,2α)



149

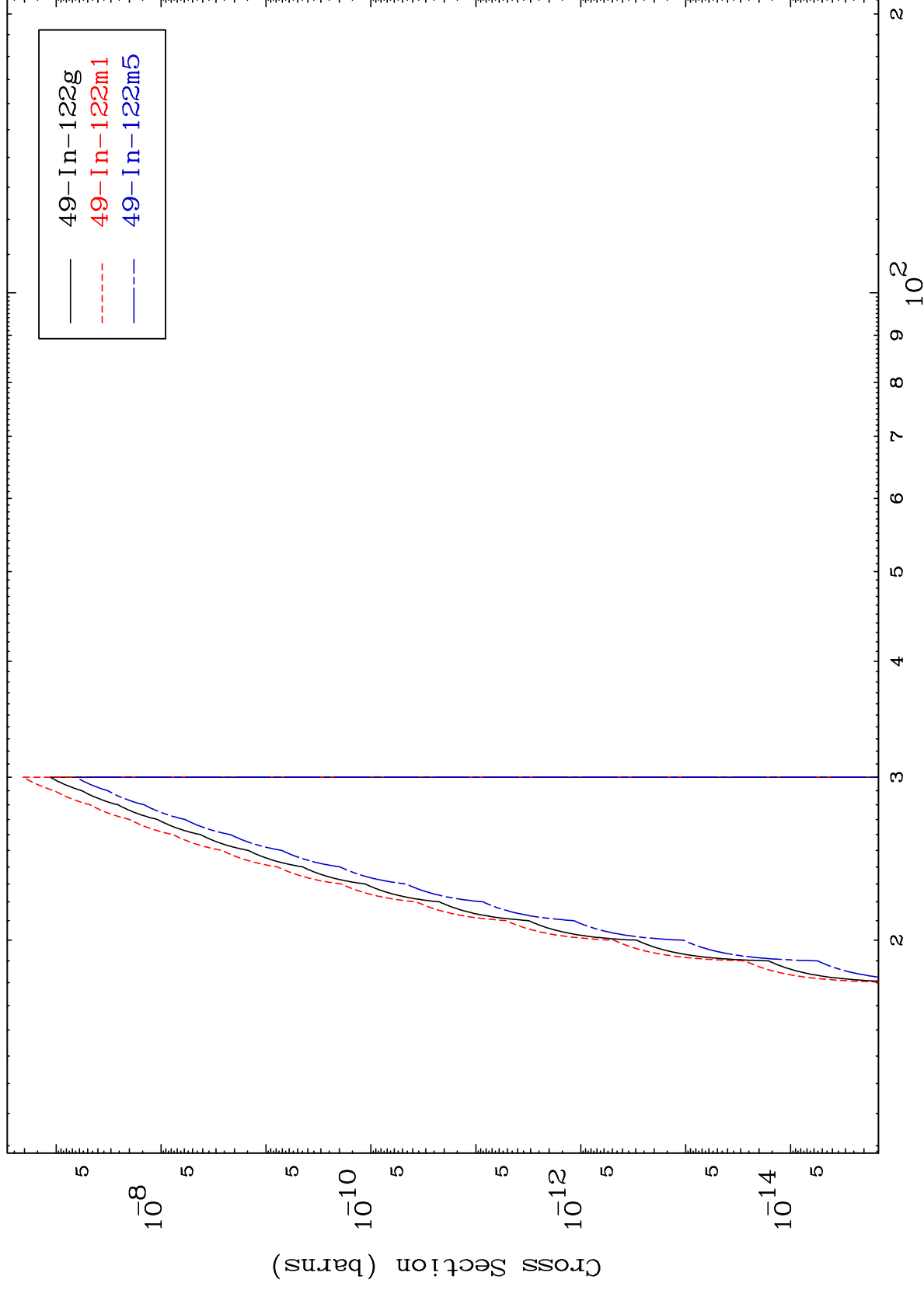
Incident Energy (MeV)

51-Sb-123

MAT 5131

51-Sb-123

(n,2p)
Radionuclide Production Cross Section



150

Incident Energy (MeV)

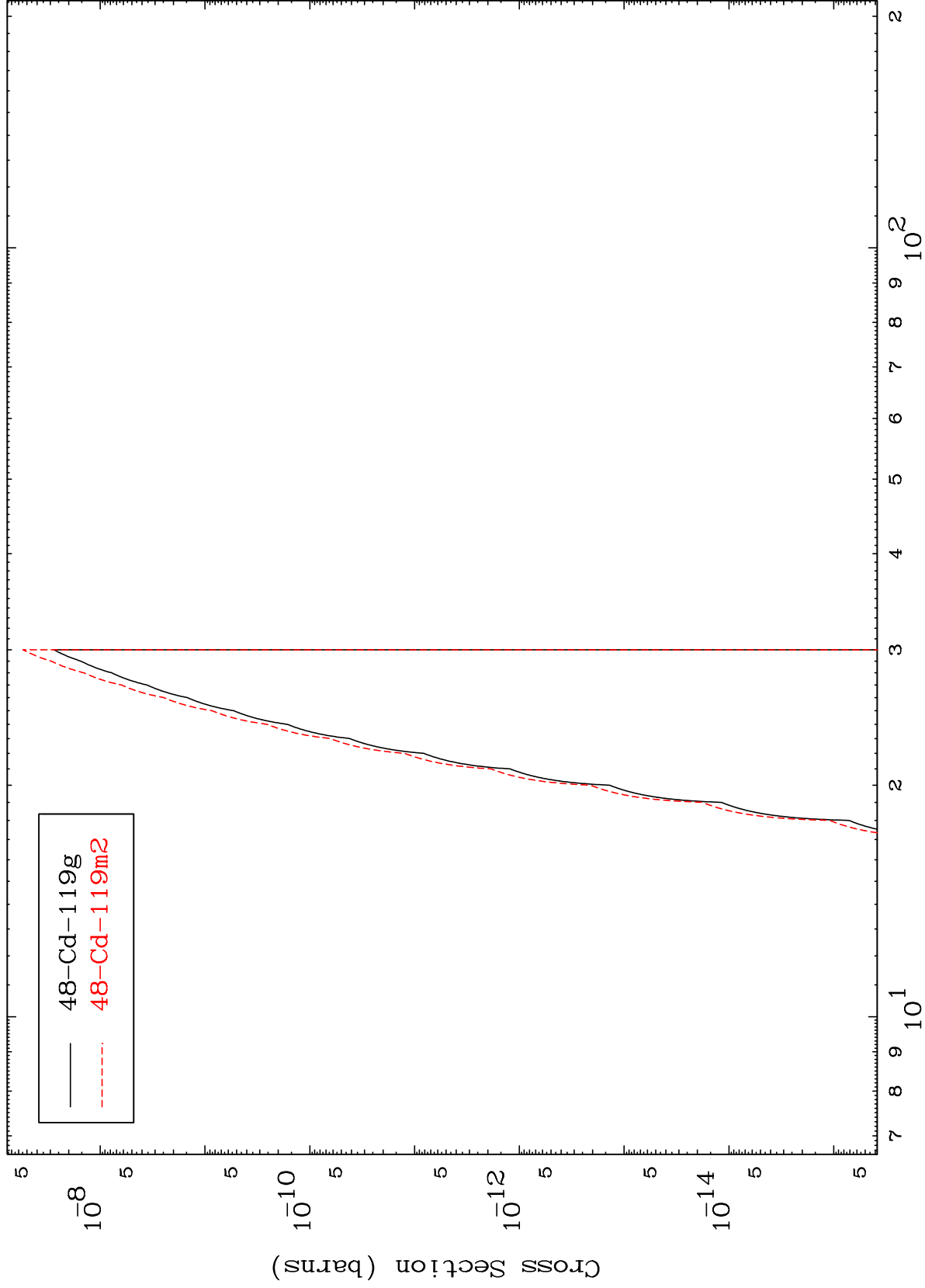
51-Sb-123

MAT 5131

(n,p) α

51-Sb-123

Radionuclide Production Cross Section



151

Incident Energy (MeV)

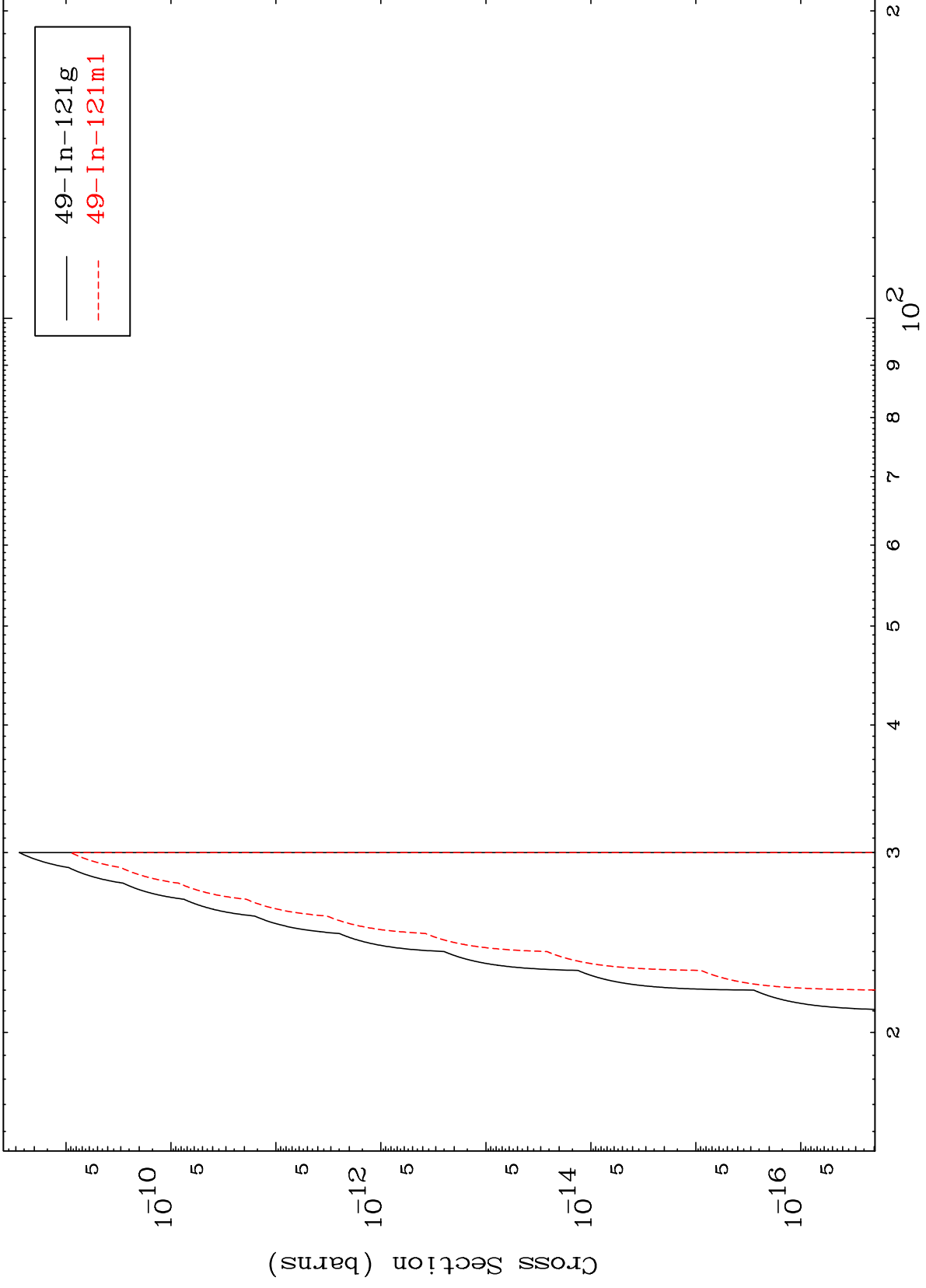
51-Sb-123

MAT 5131

(n,p) d

51-Sb-123

Radionuclide Production Cross Section



152

Incident Energy (MeV)

51-Sb-123