

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

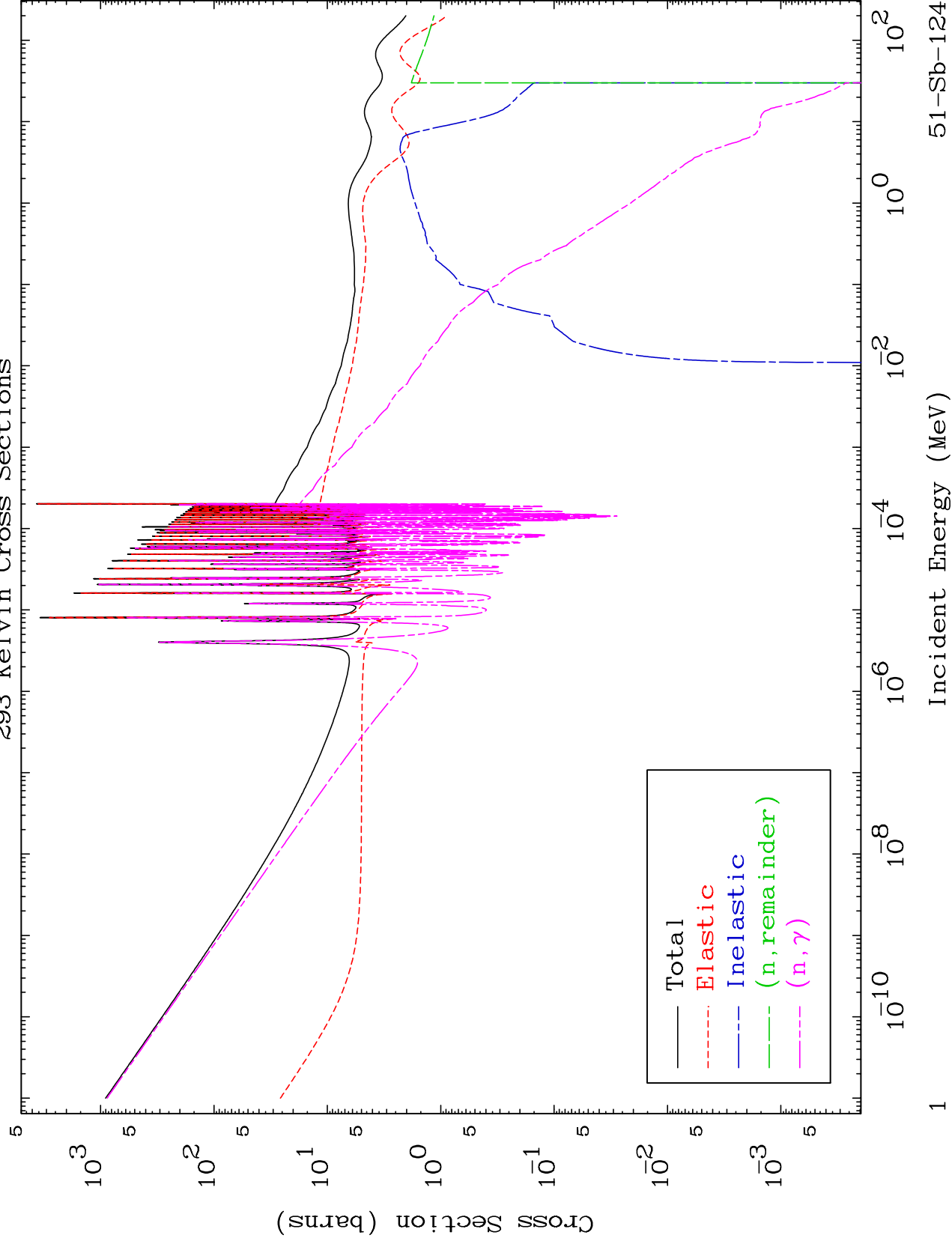
Press Mouse Button to Start

MAT 5134

Major

51-Sb-124

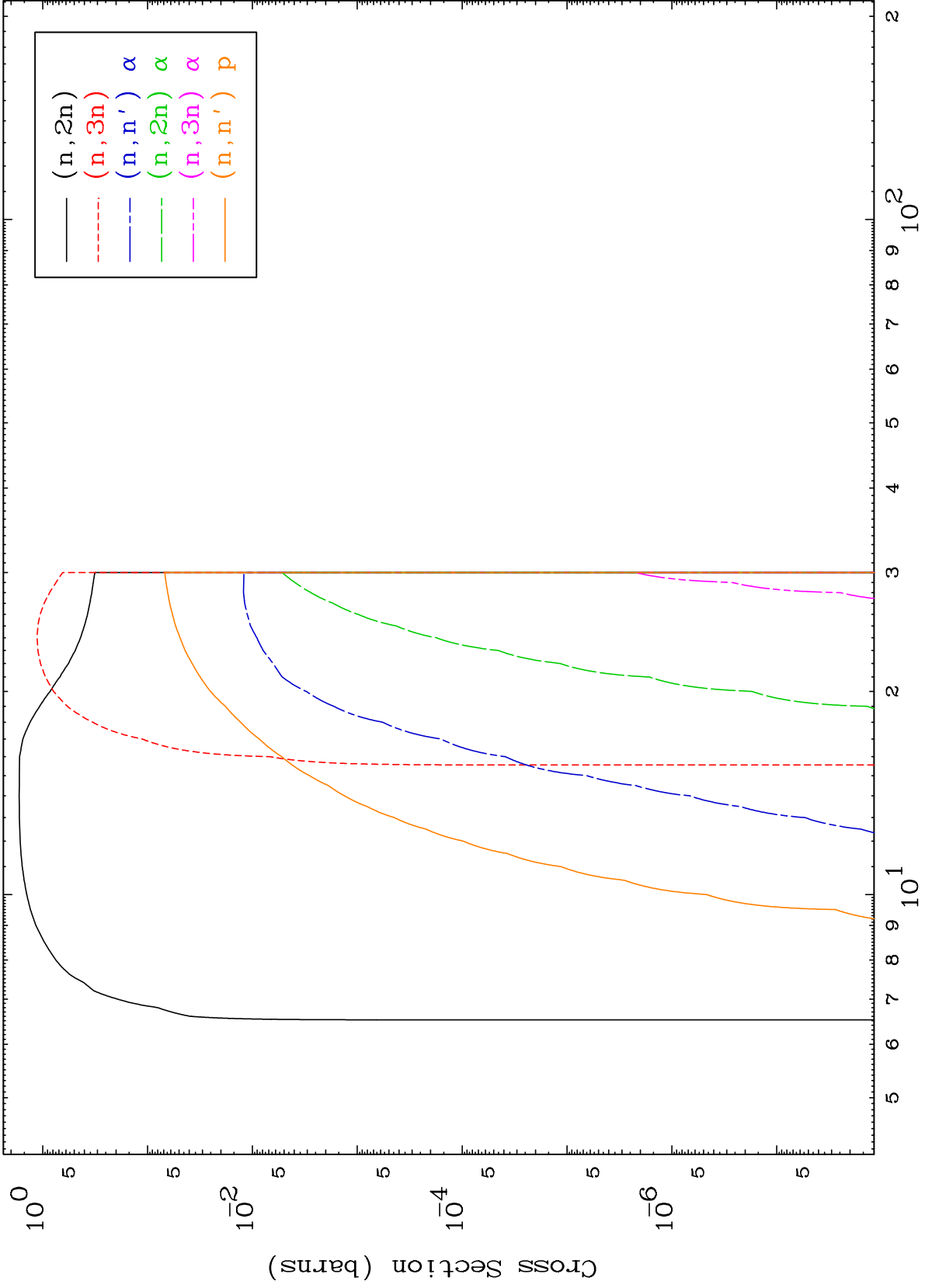
293 Kelvin Cross Sections

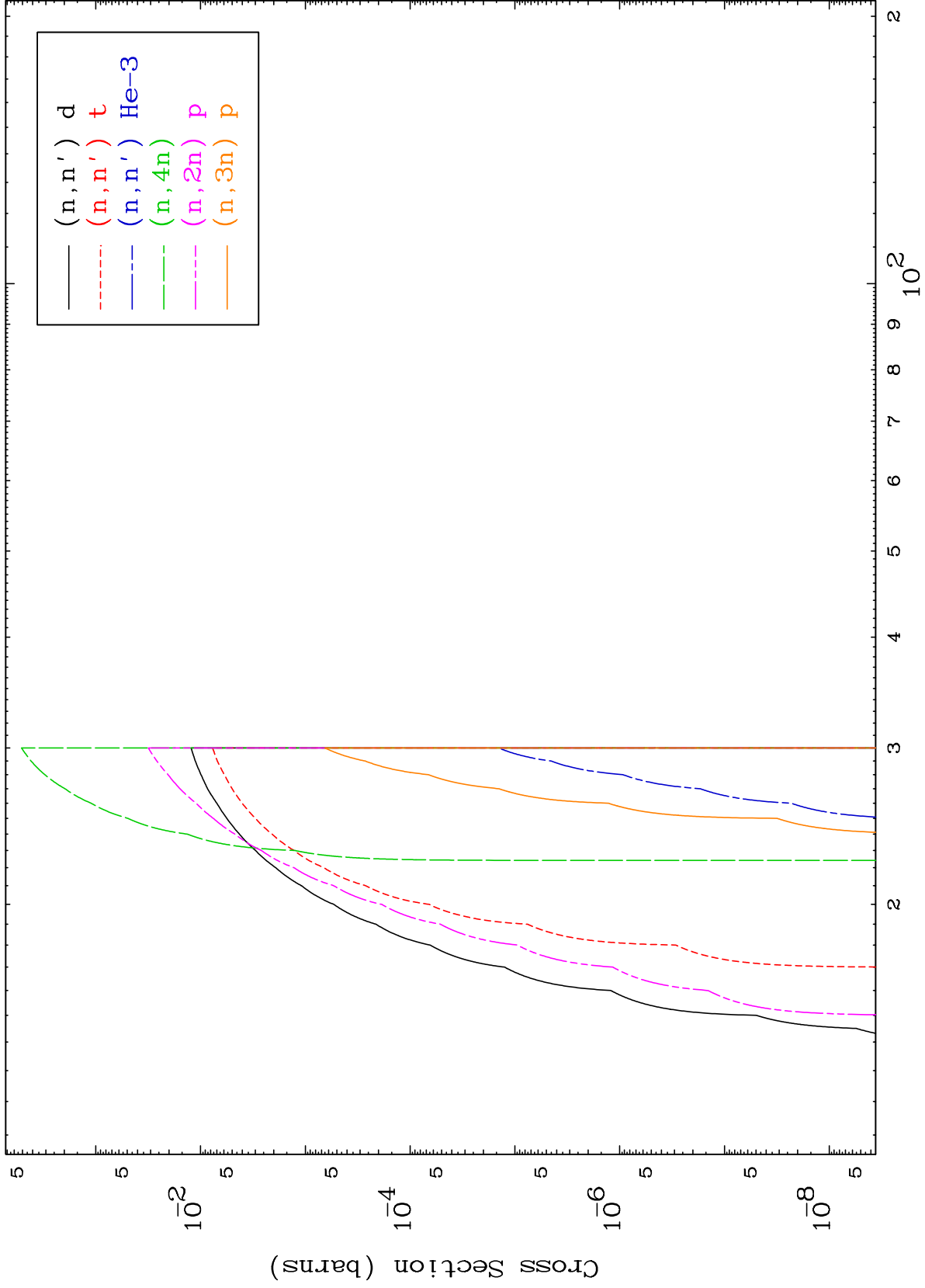


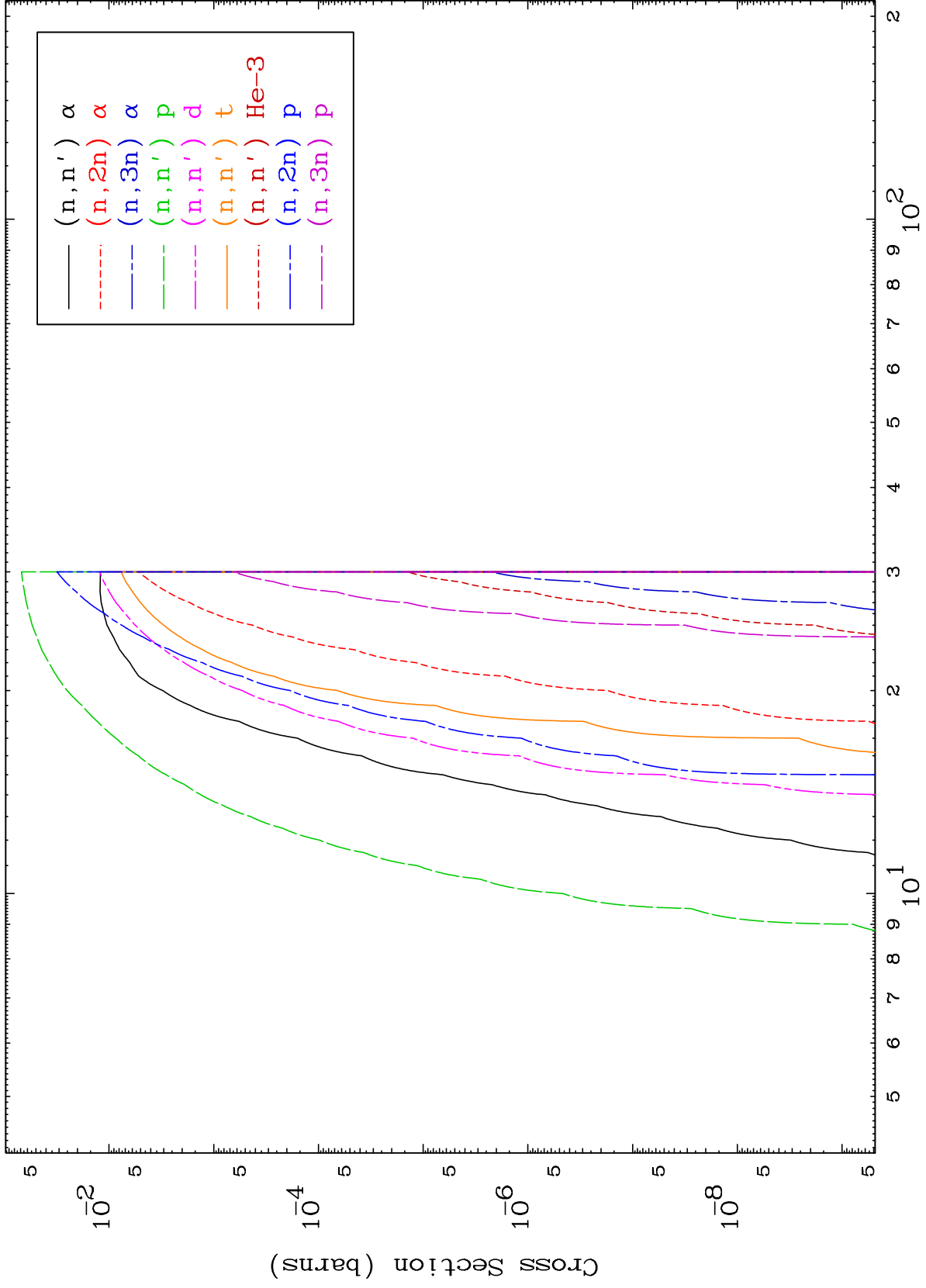
MAT 5134

Neutron Production
293 Kelvin Cross Sections

51-Sb-124



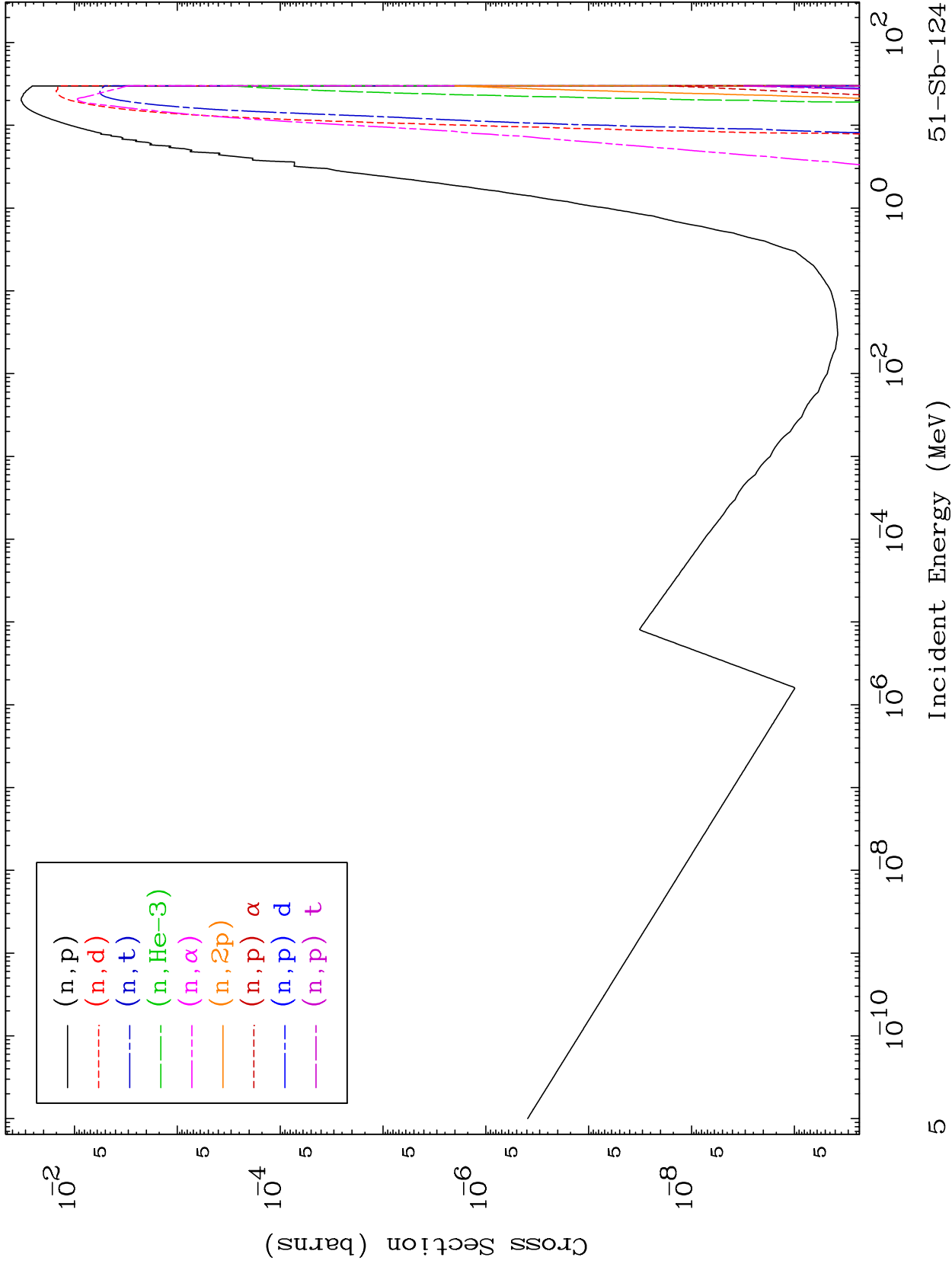




MAT 5134

Charged Particle
293 Kelvin Cross Sections

51-Sb-124



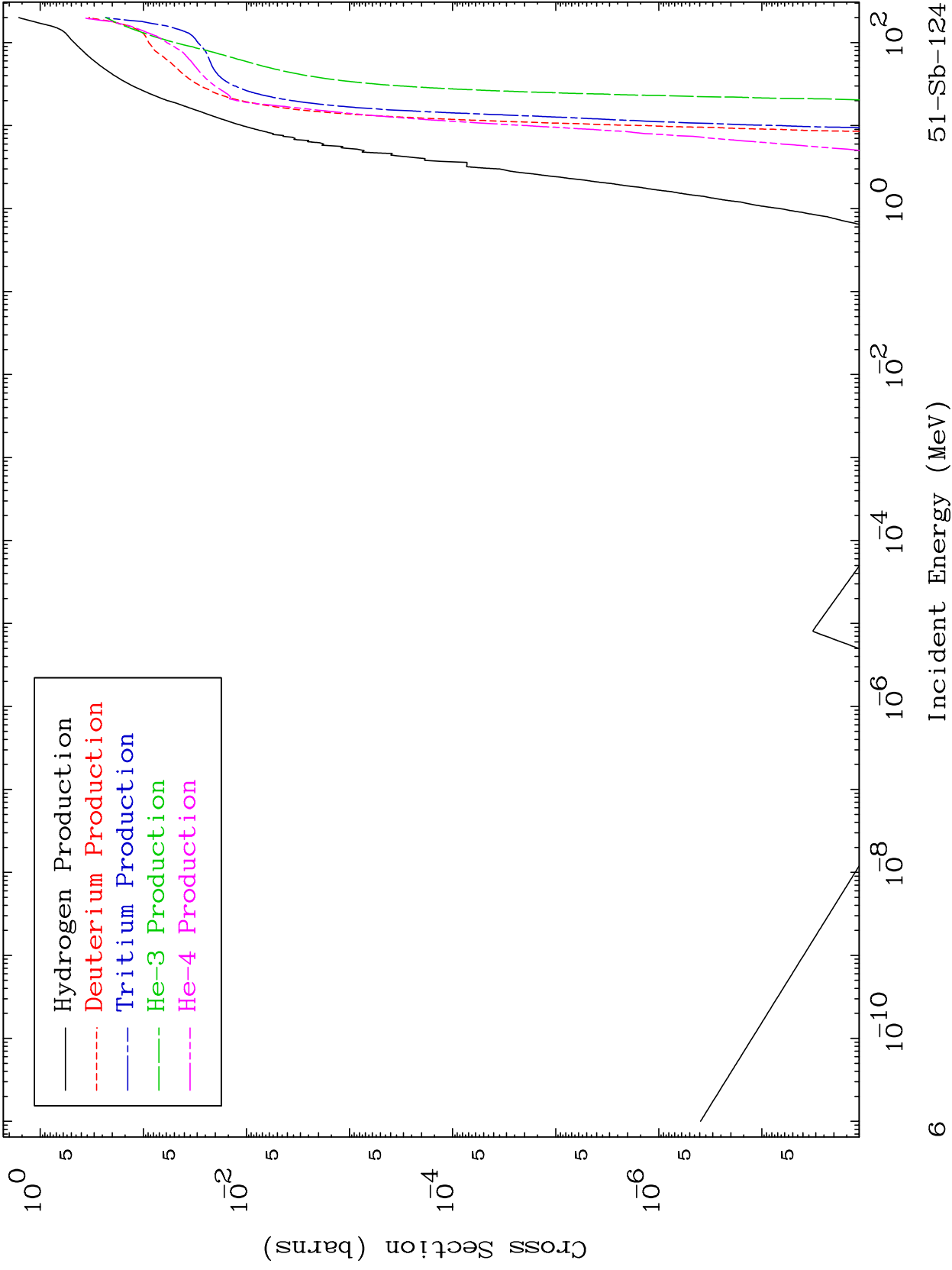
5

51-Sb-124

MAT 5134

Particle Production
293 Kelvin Cross Sections

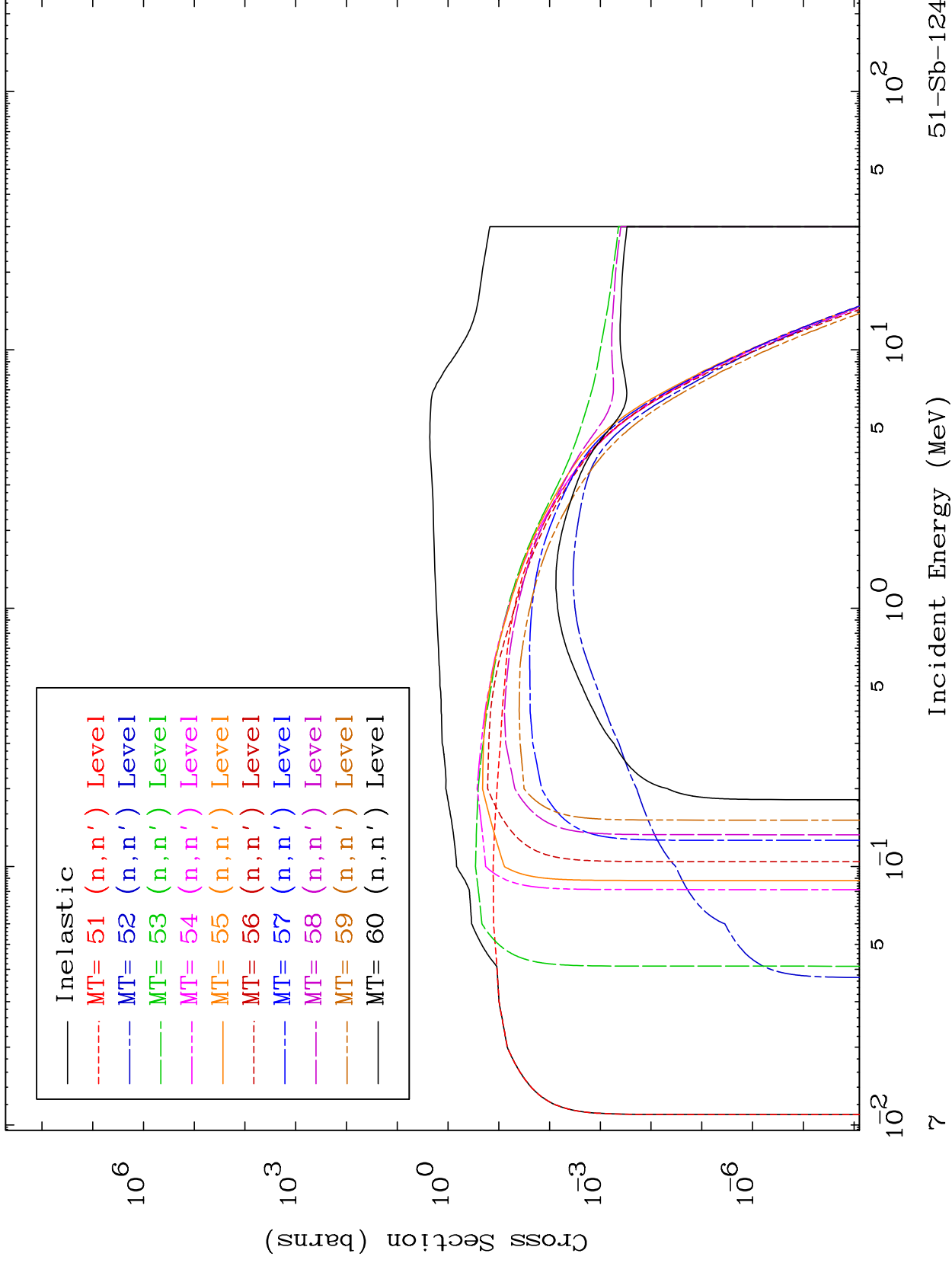
51-Sb-124



MAT 5134

(n,n') Level
293 Kelvin Cross Sections

51-Sb-124



51-Sb-124

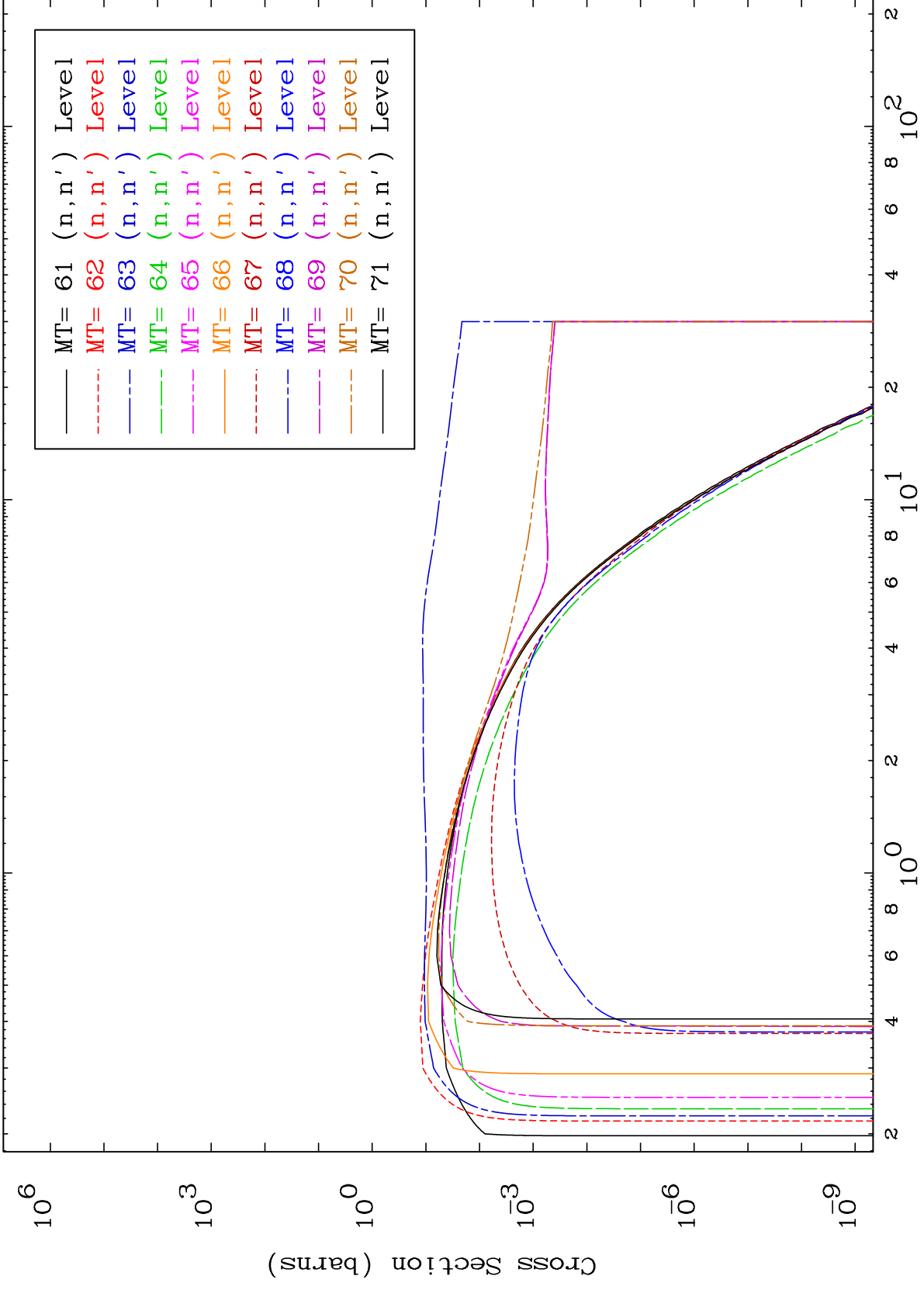
Incident Energy (MeV)

MAT 5134

(n,n') Level

293 Kelvin Cross Sections

51-Sb-124

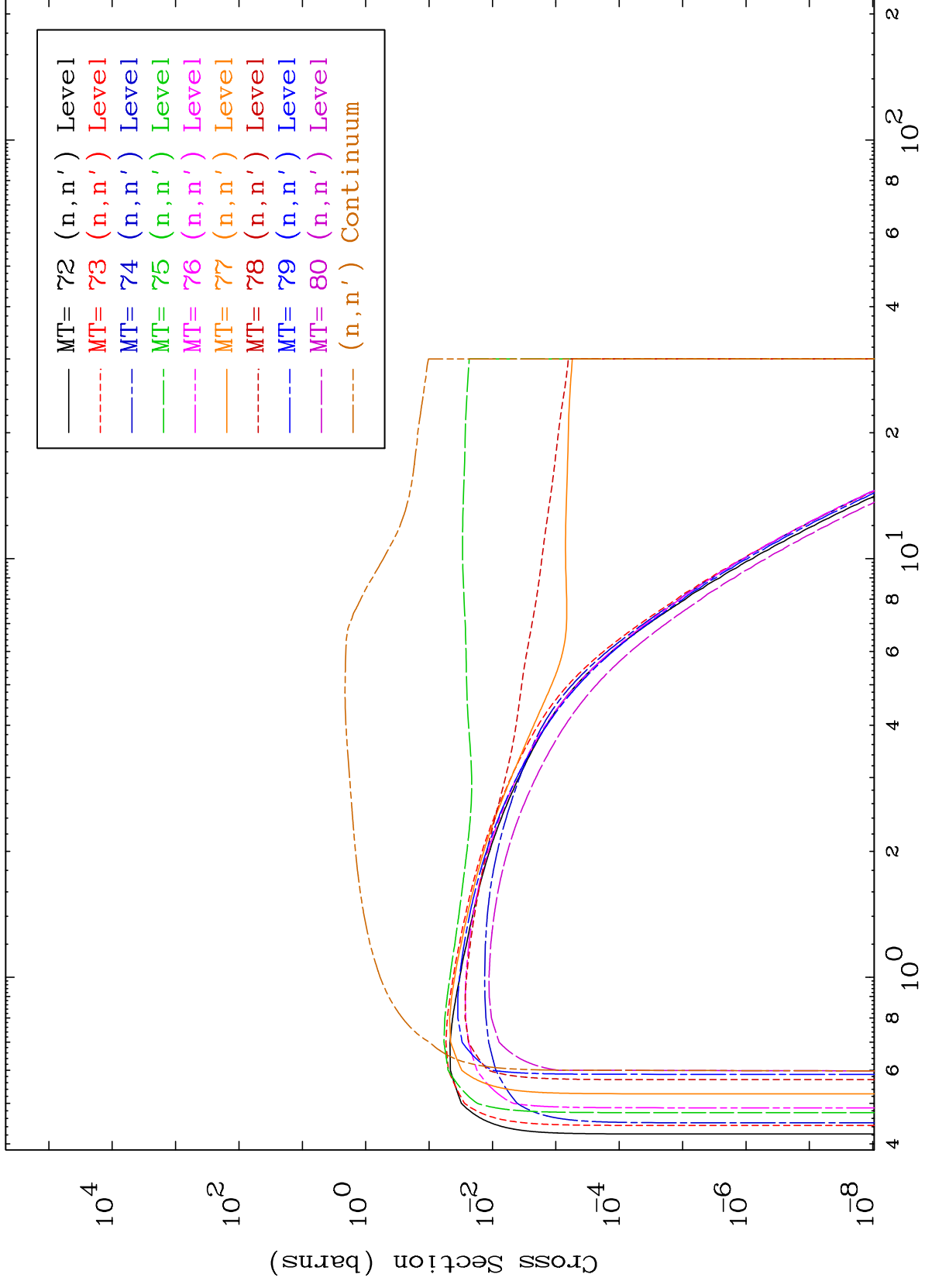


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Incident Energy (MeV)

51-Sb-124

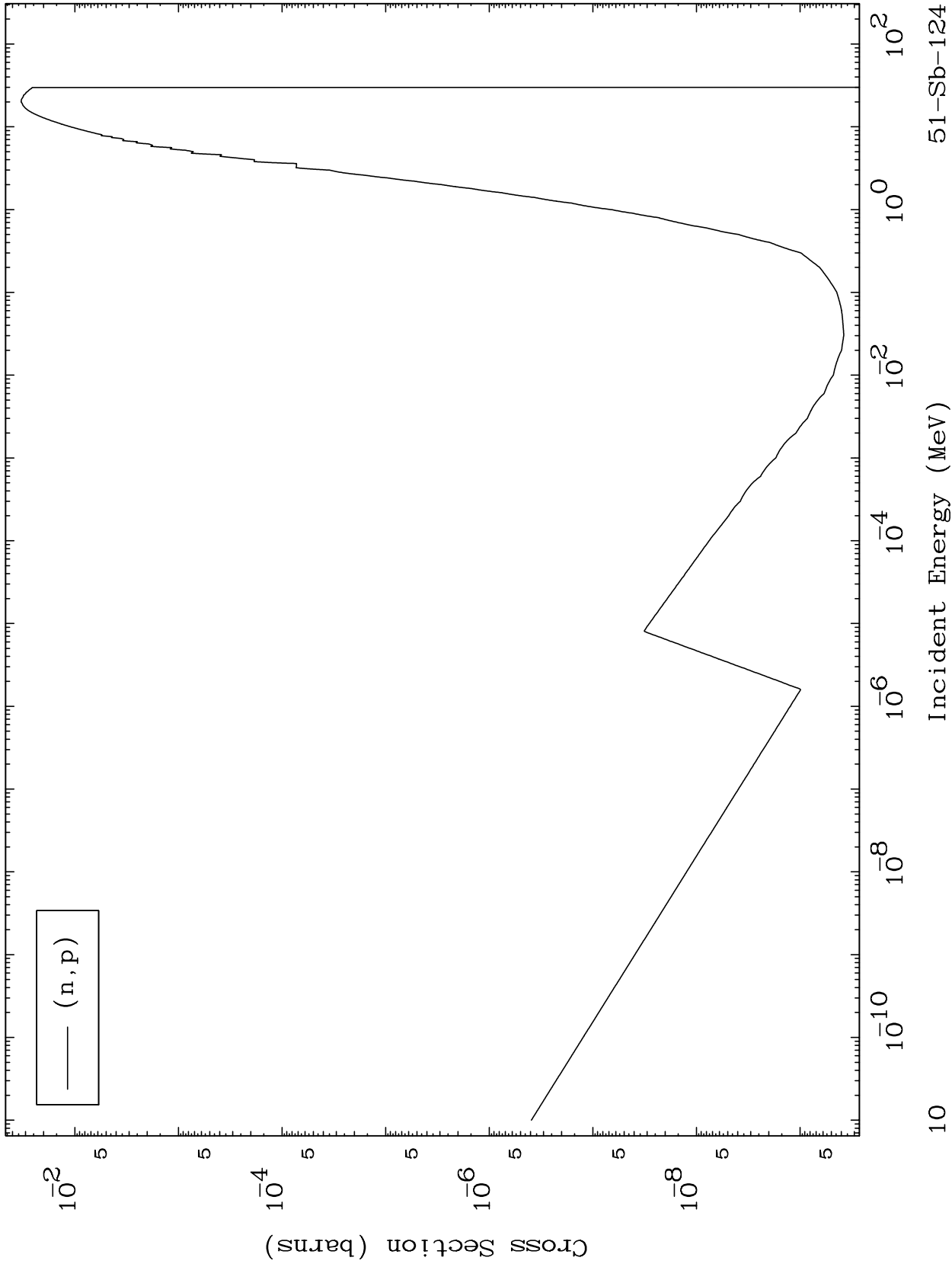
293 Kelvin Cross Sections



MAT 5134

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-124



10

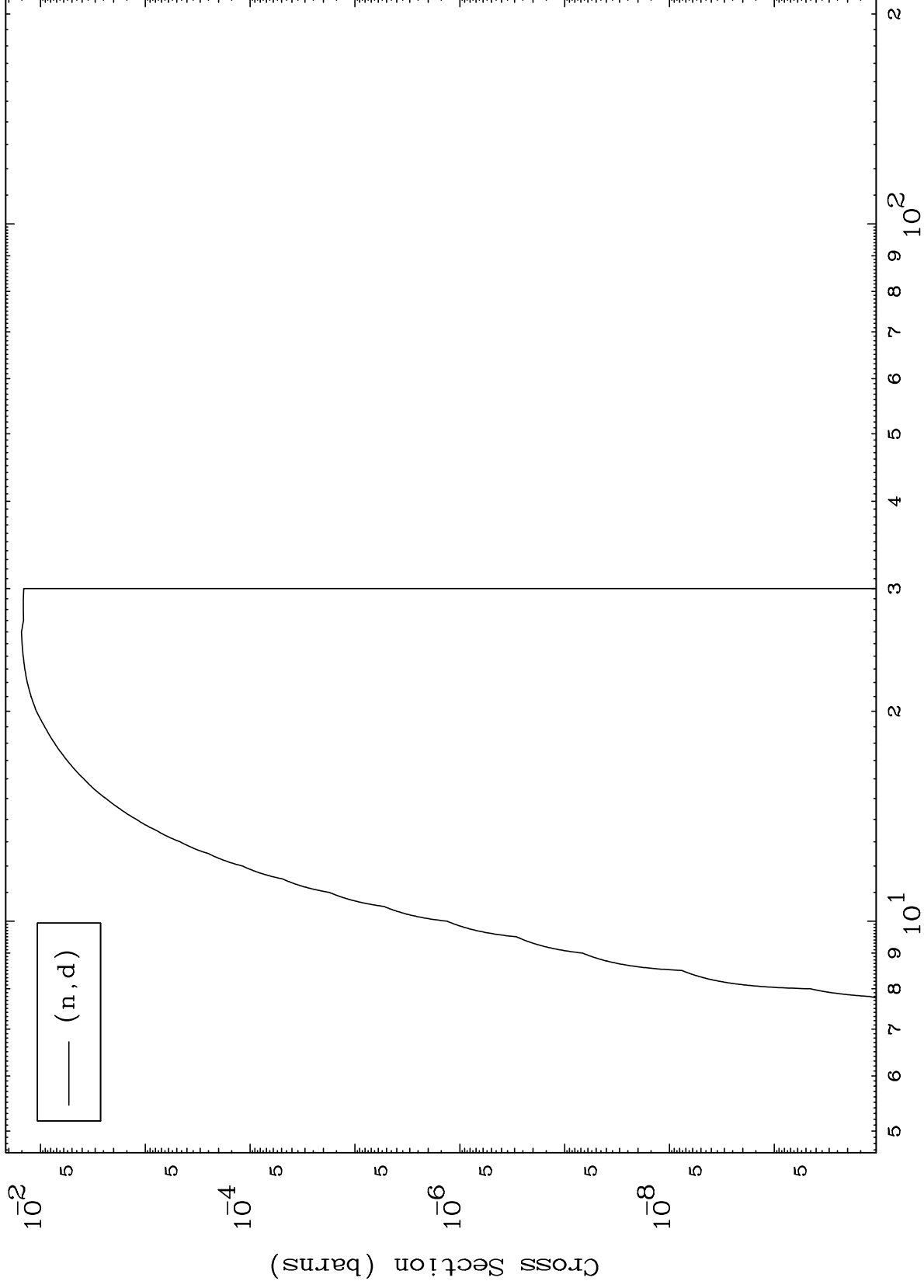
Incident Energy (MeV)

51-Sb-124

MAT 5134

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-124



11

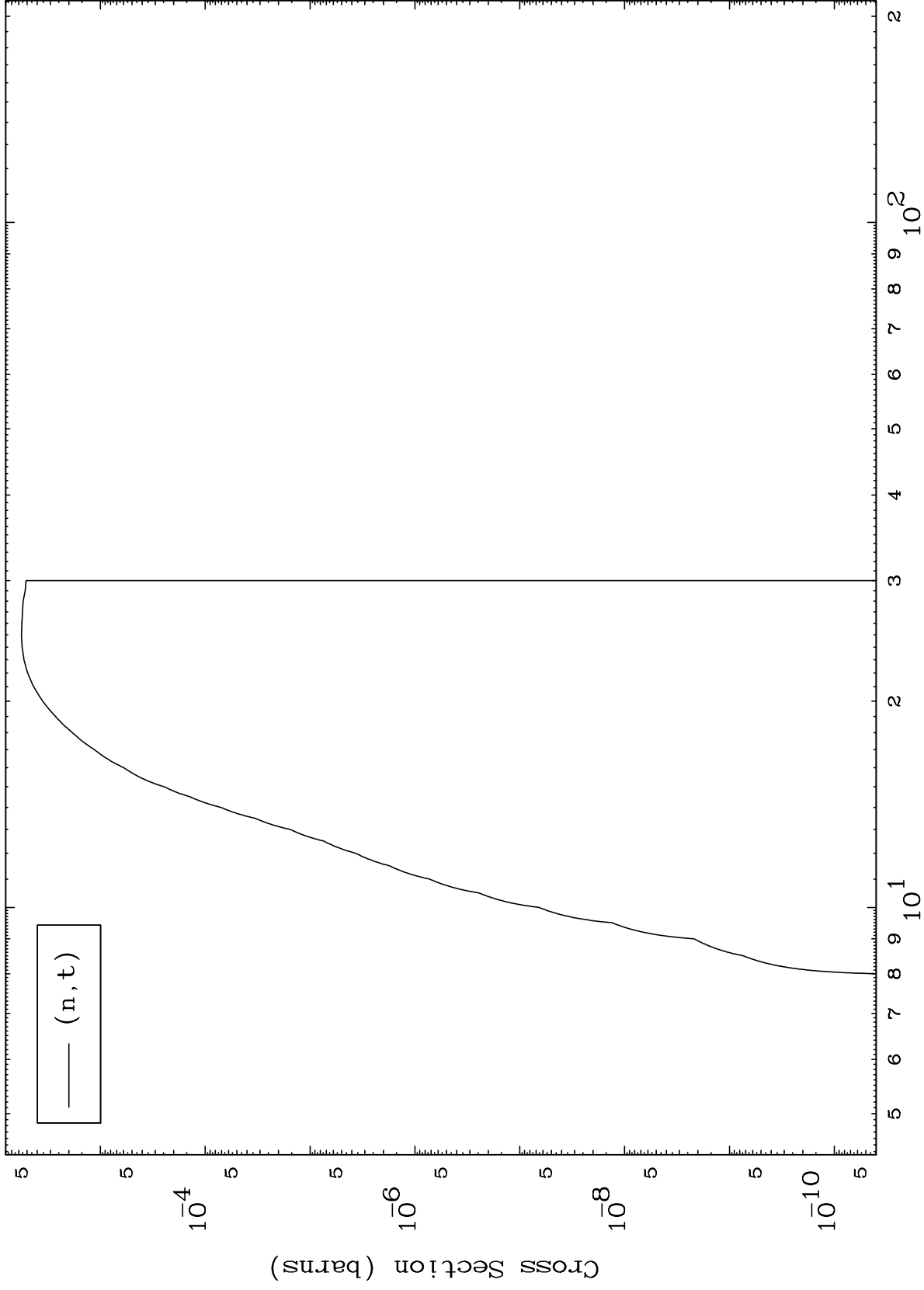
Incident Energy (MeV)

51-Sb-124

MAT 5134

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-124

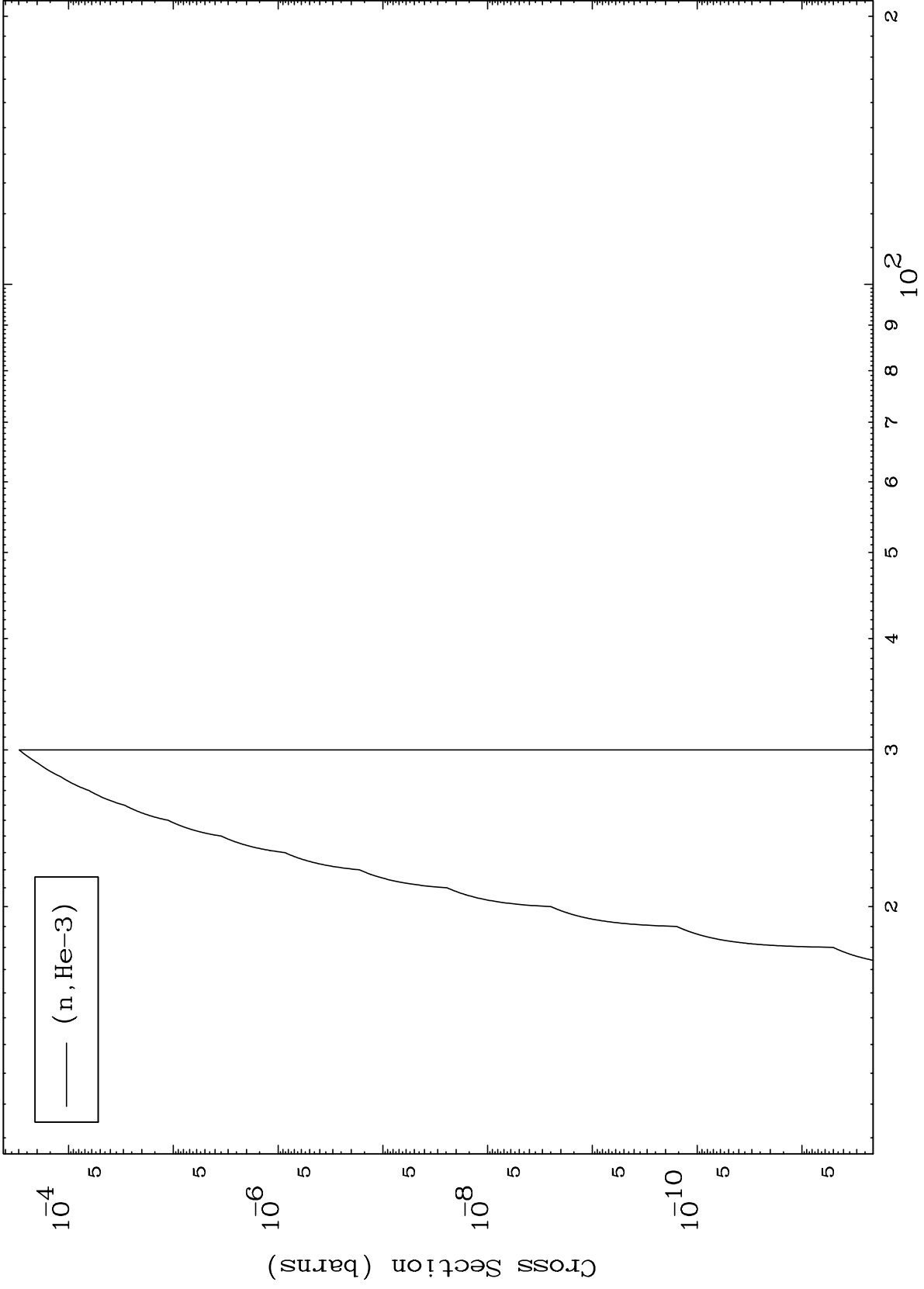


(n,t)

Incident Energy (MeV)

51-Sb-124

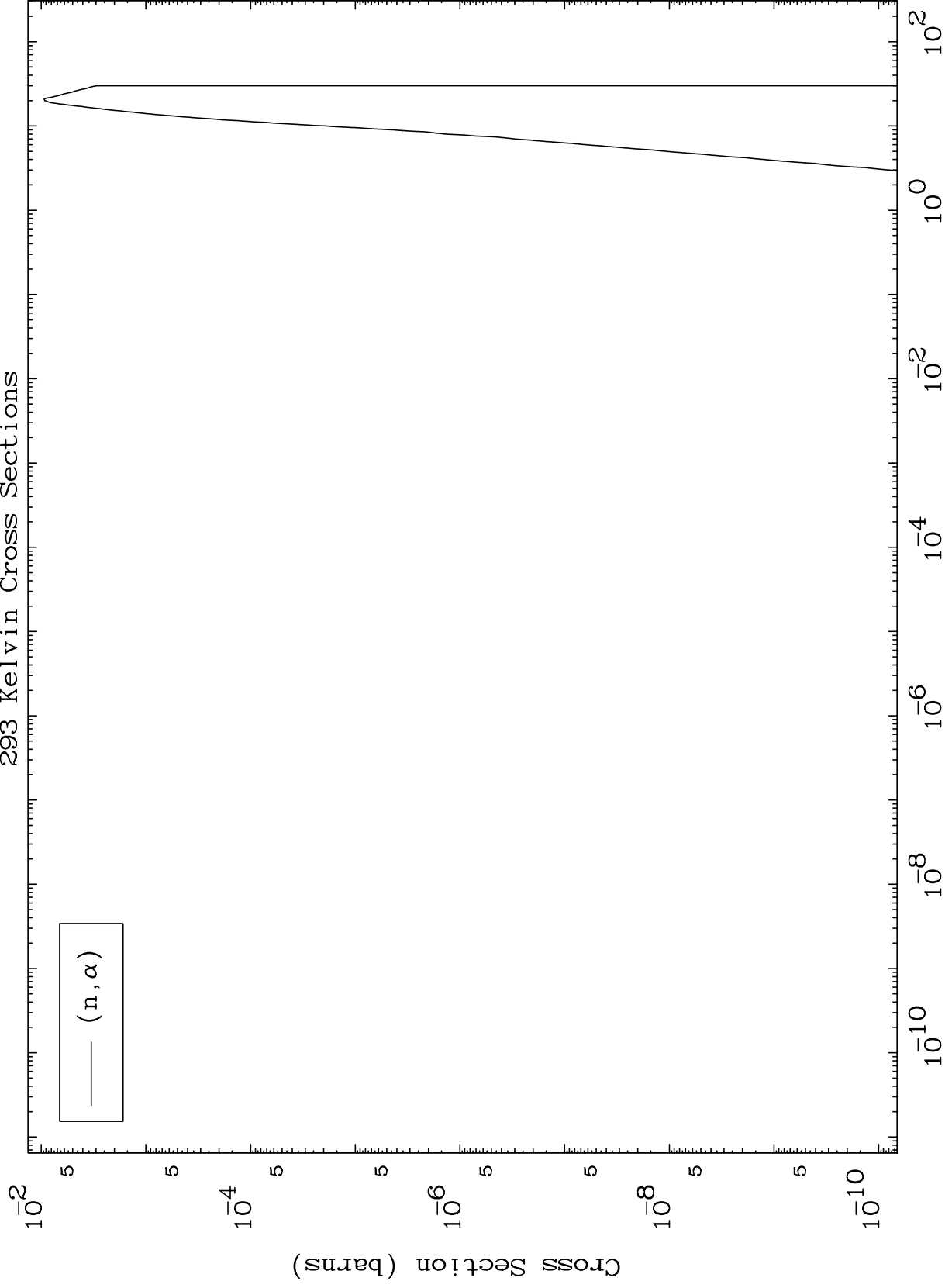
12



MAT 5134

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-124



14

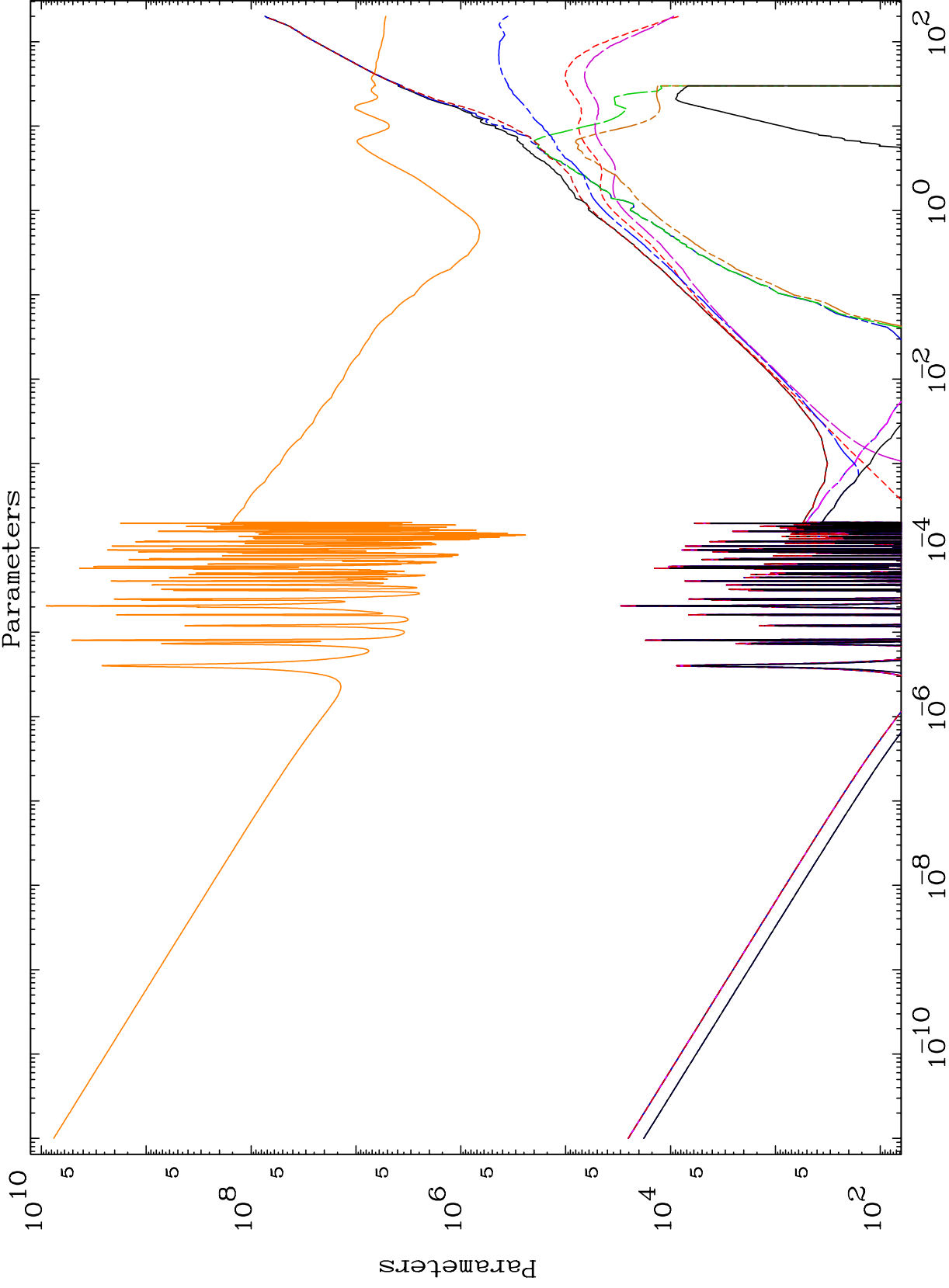
Incident Energy (MeV)

51-Sb-124

MAT 5134

Energy Release
Parameters

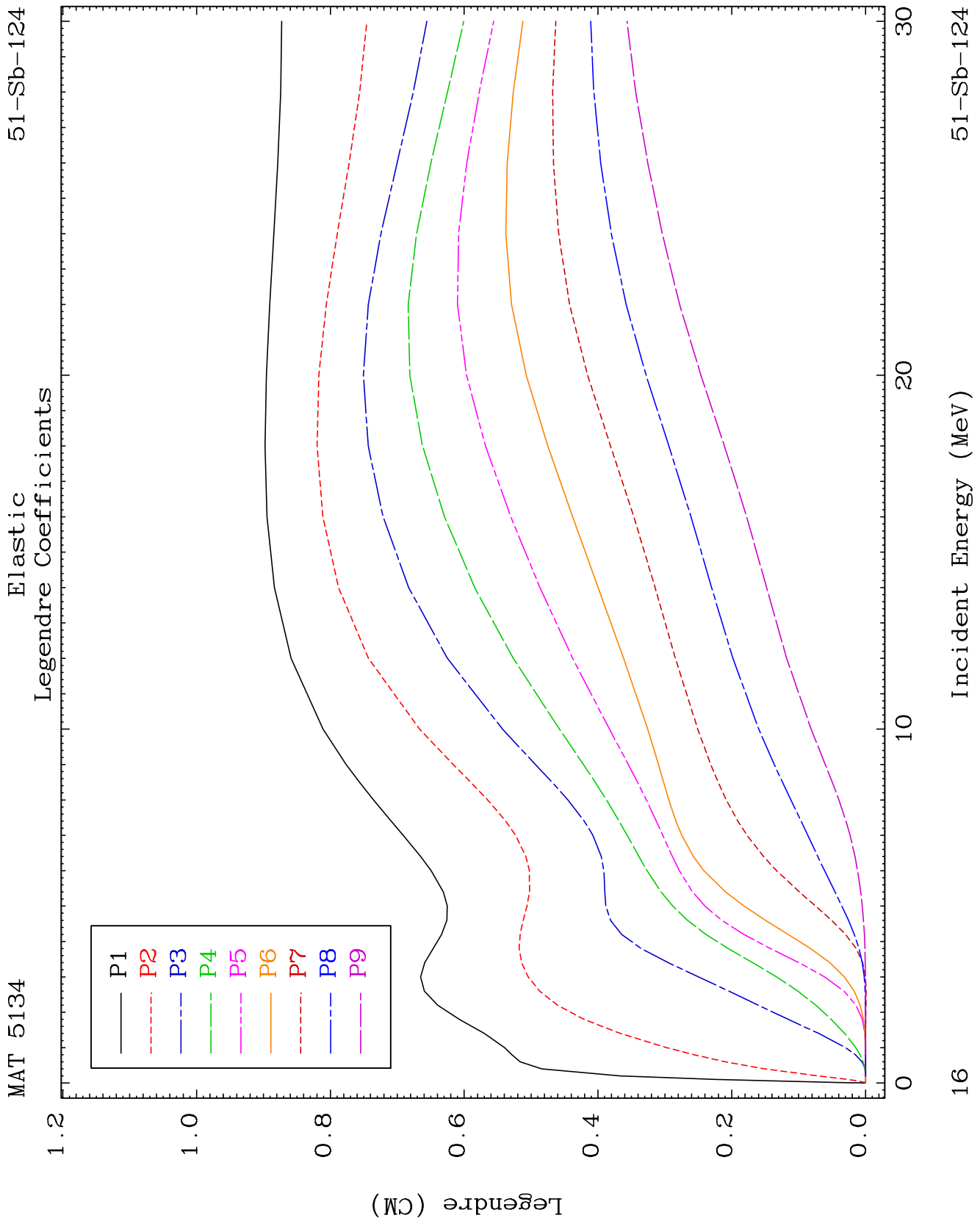
51-Sb-124

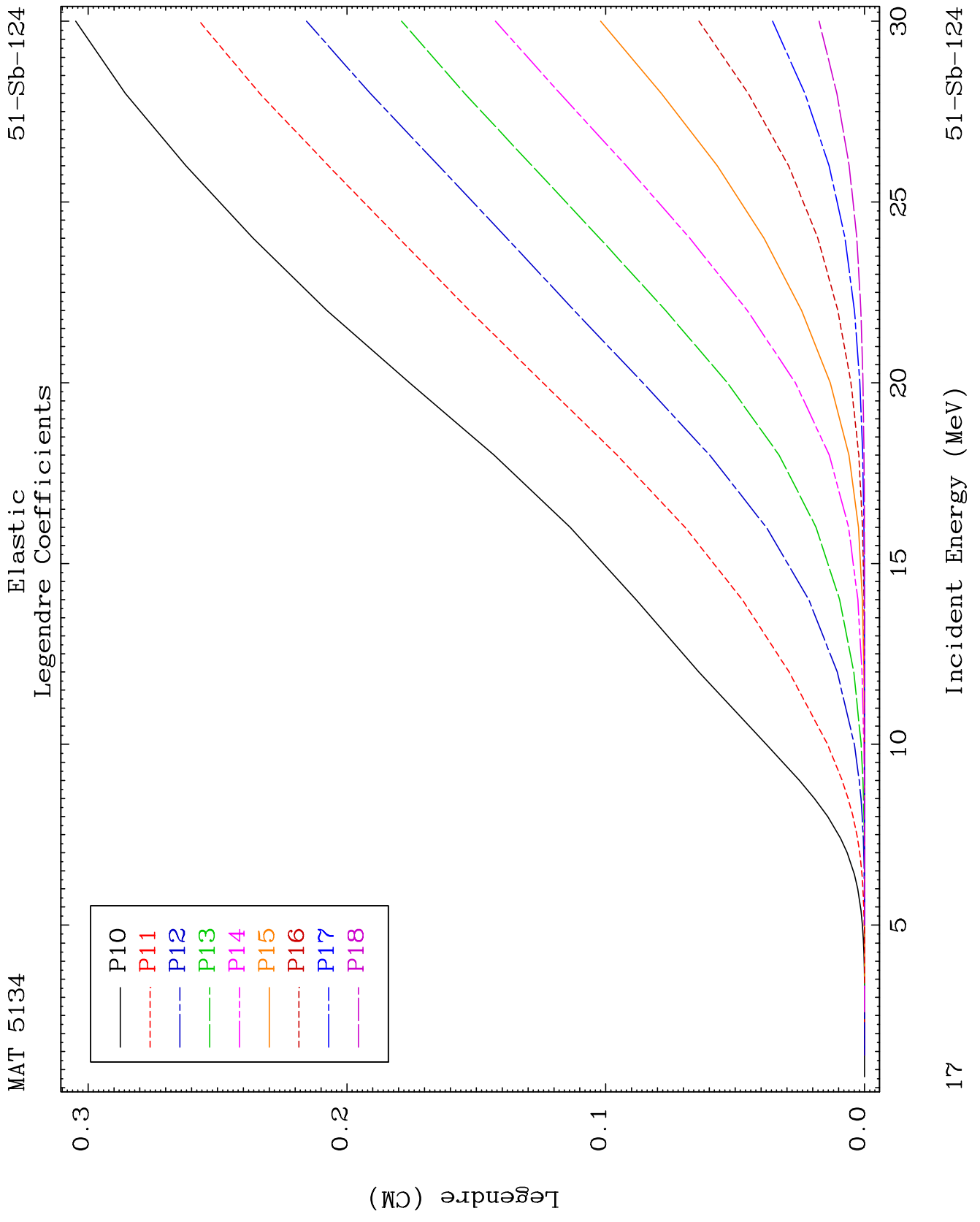


15

Incident Energy (MeV)

51-Sb-124

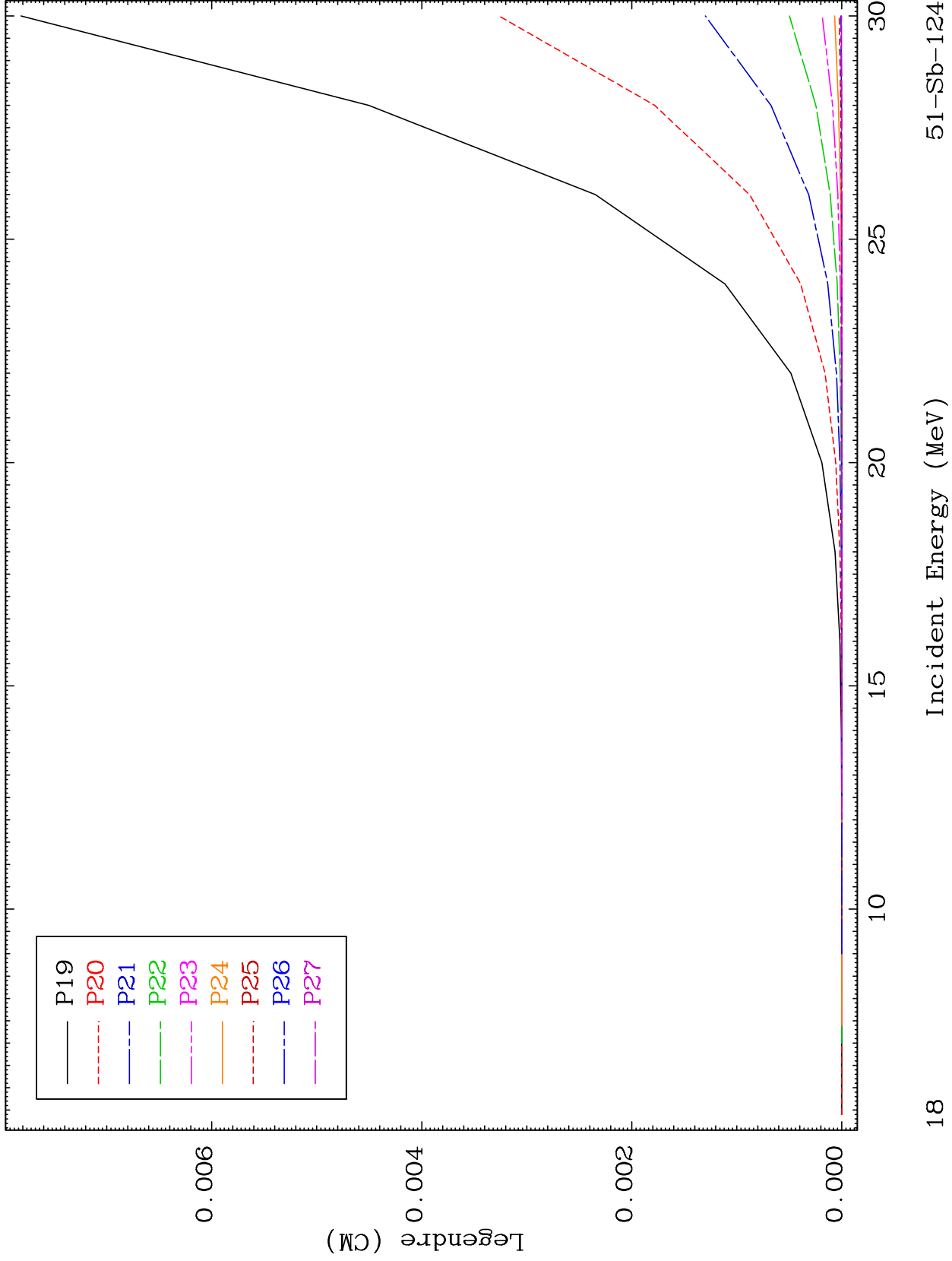




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Elastic Legendre Coefficients

51-Sb-124



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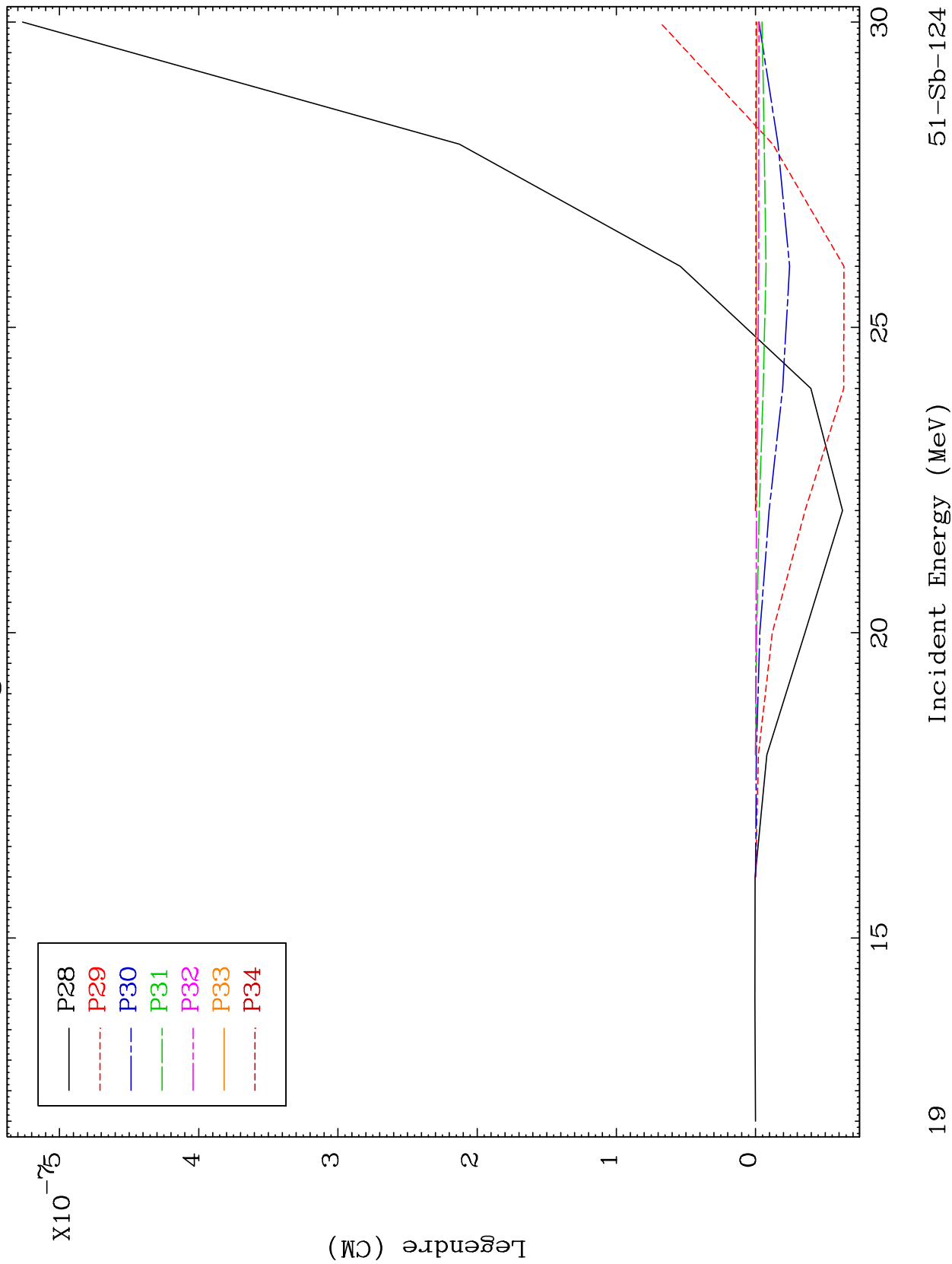
Incident Energy (MeV)

51-Sb-124

MAT 5134

Elastic Legendre Coefficients

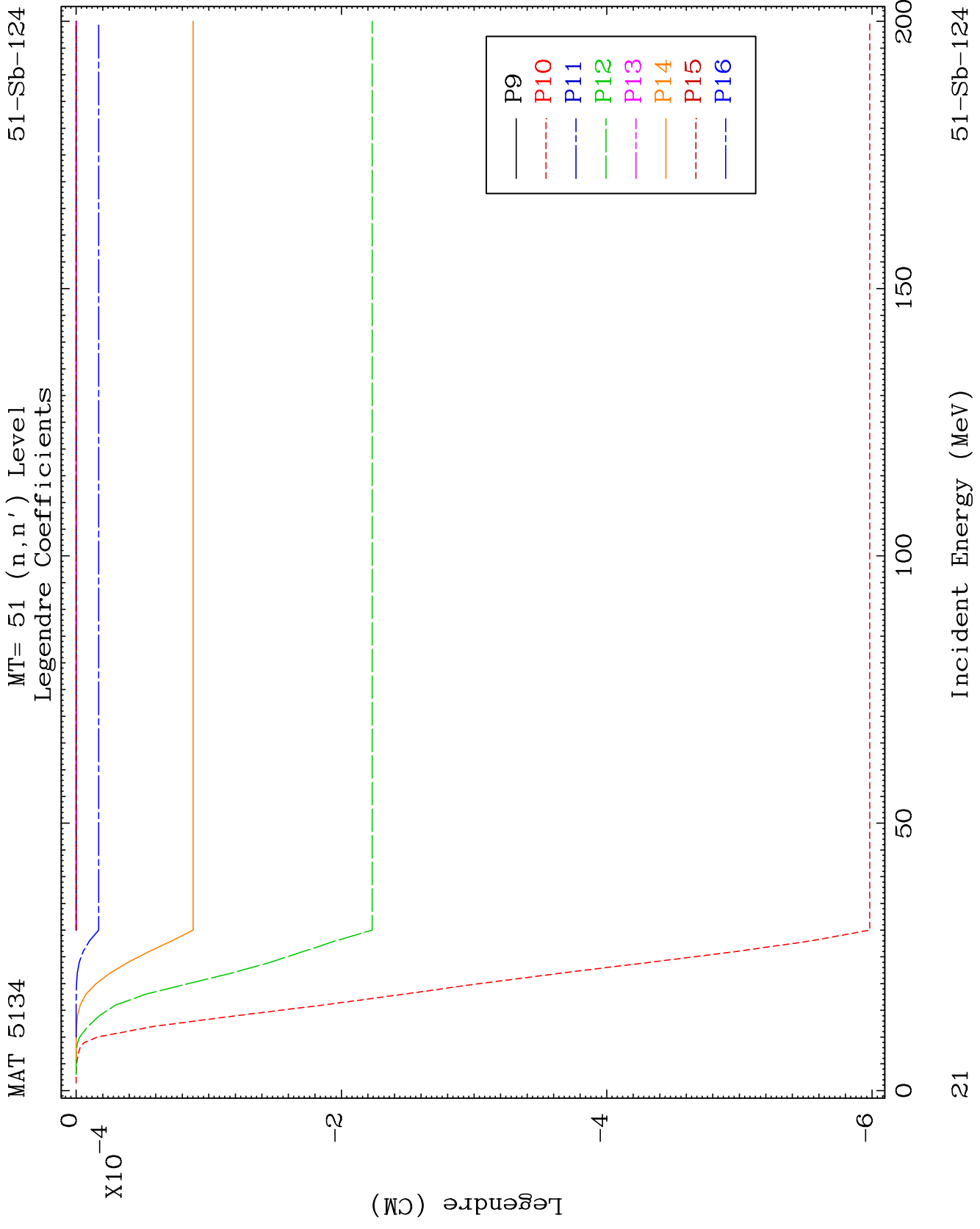
51-Sb-124



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Incident Energy (MeV)

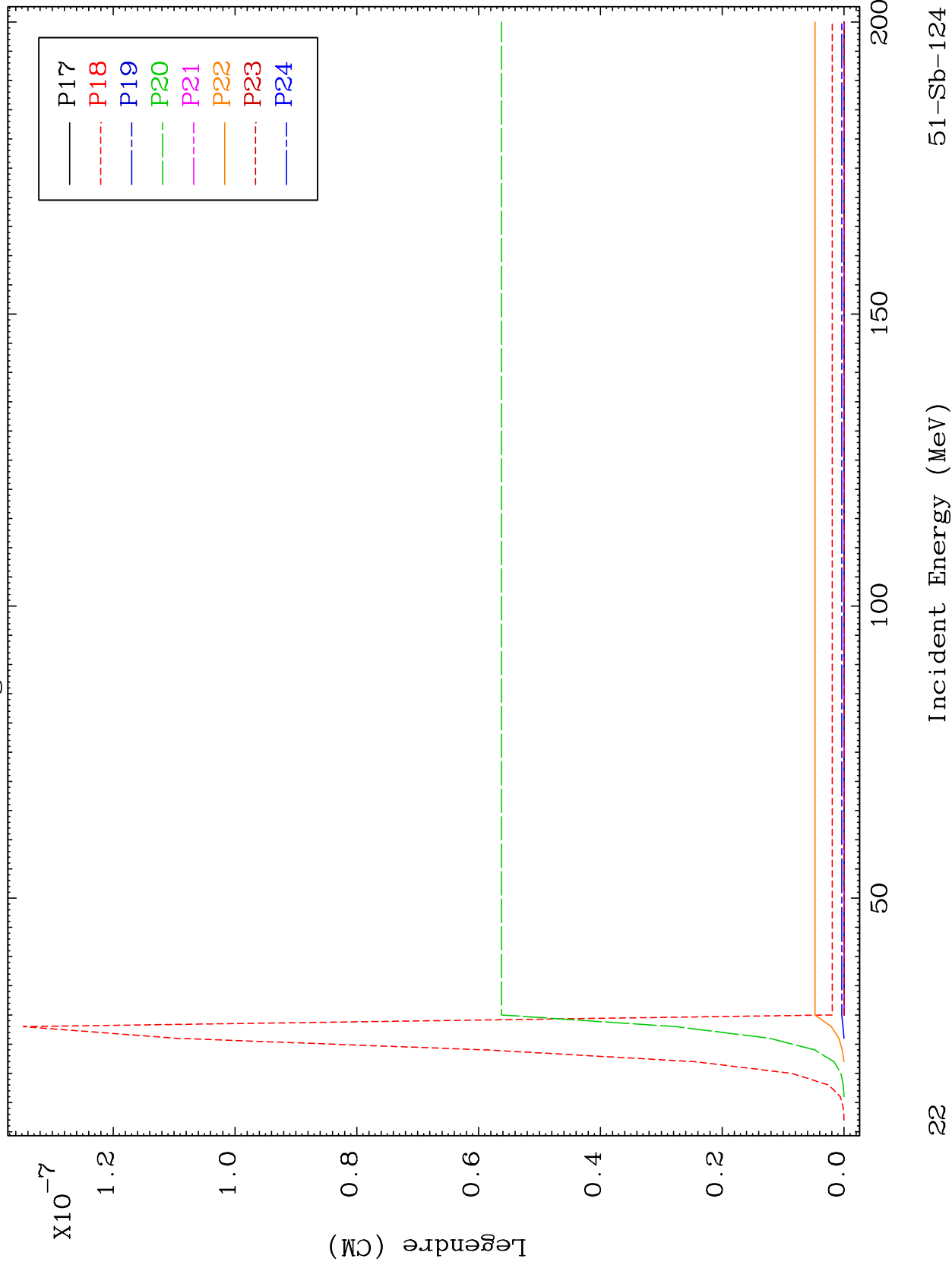
51-Sb-124



MAT 5134

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

51-Sb-124



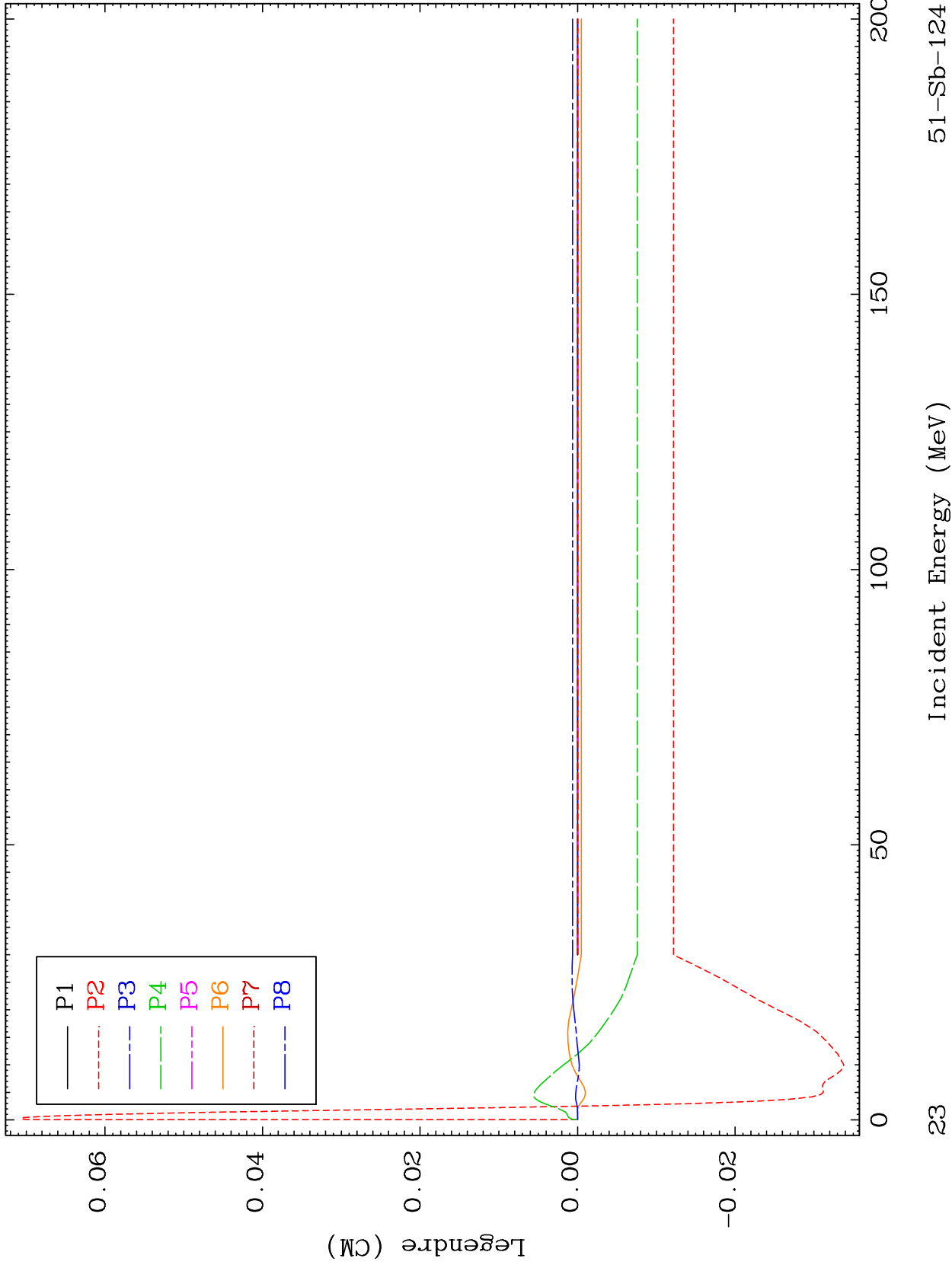
22

51-Sb-124

MAT 5134

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

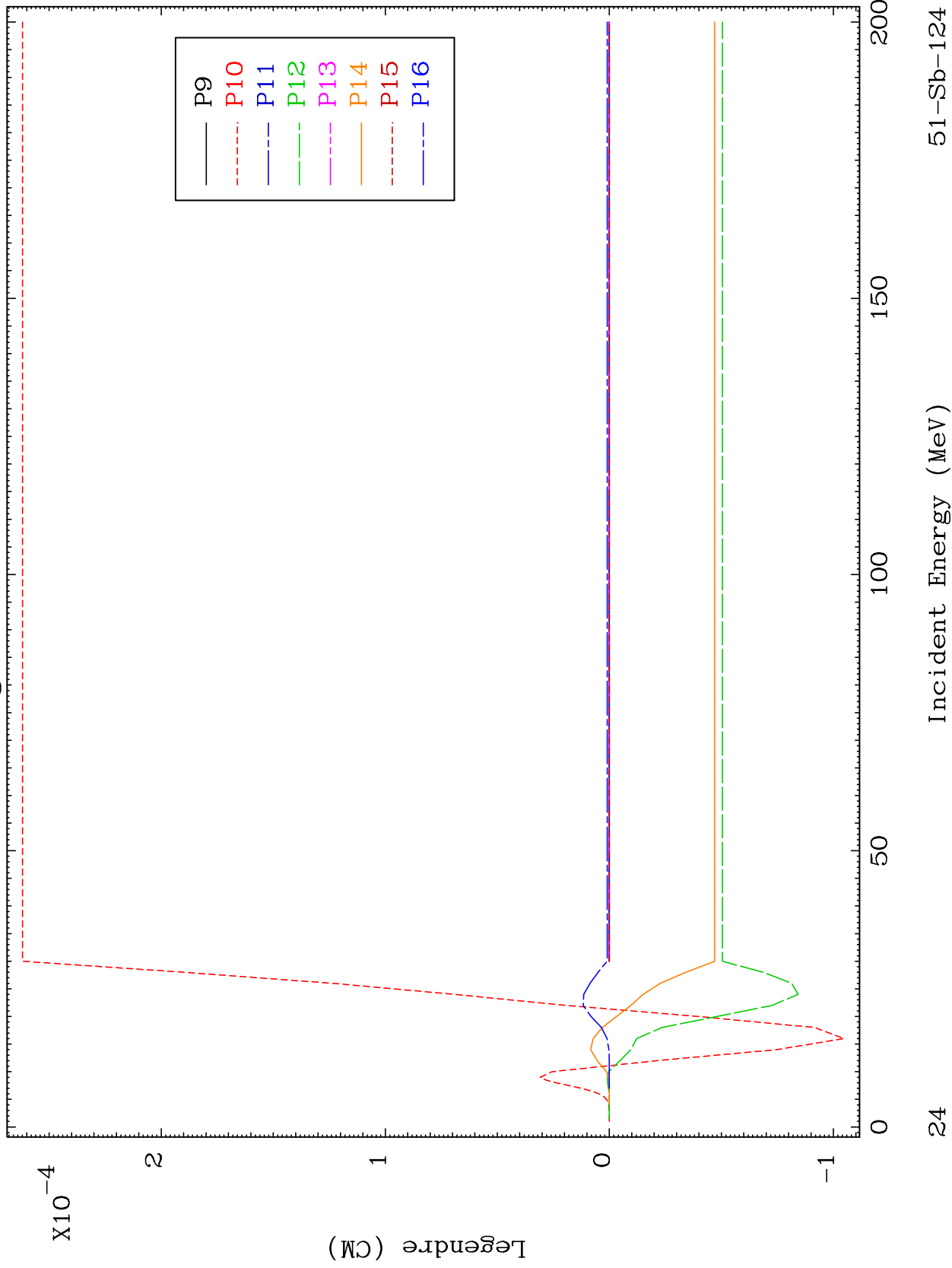
51-Sb-124



MAT 5134

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

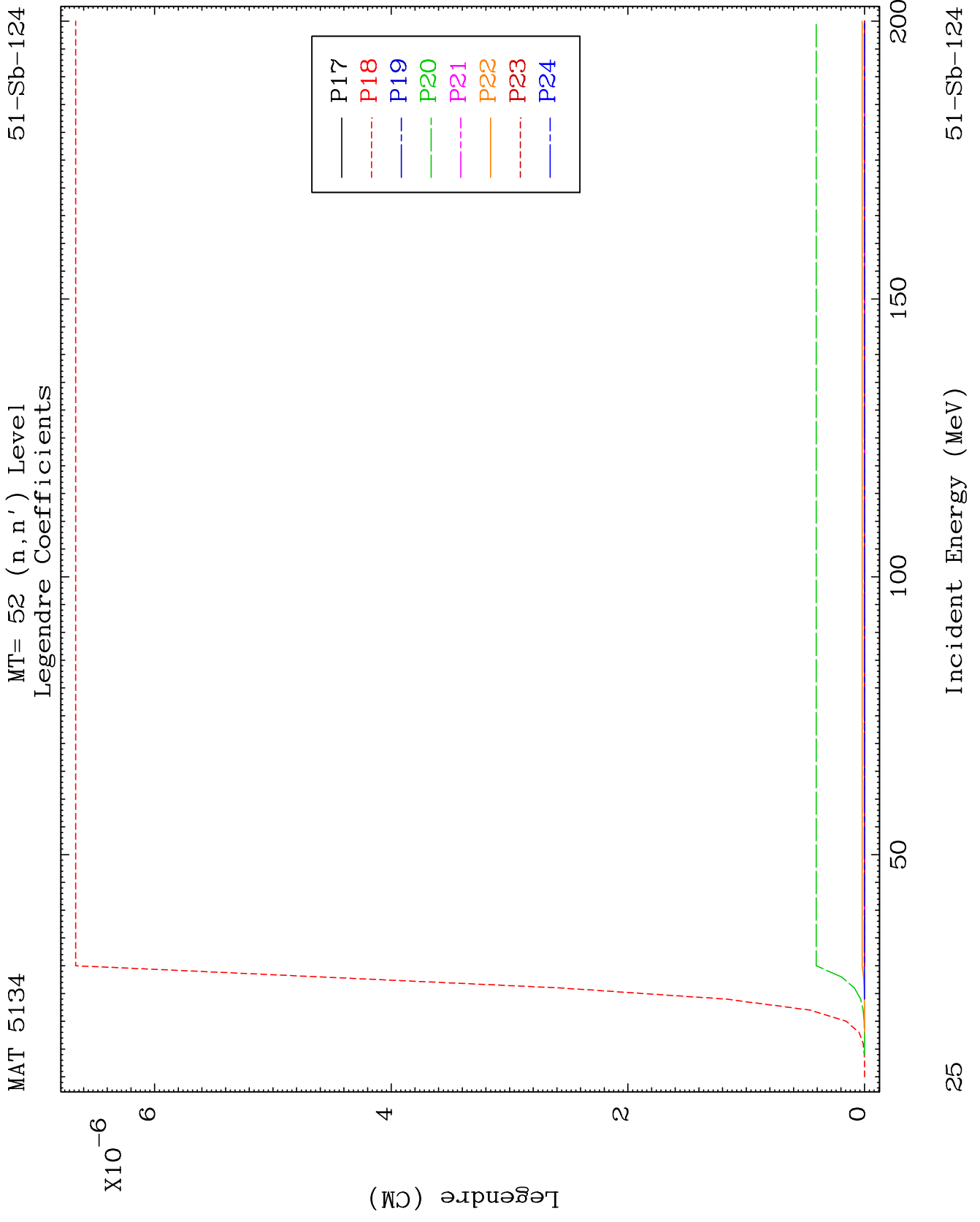
51-Sb-124



24

Incident Energy (MeV)

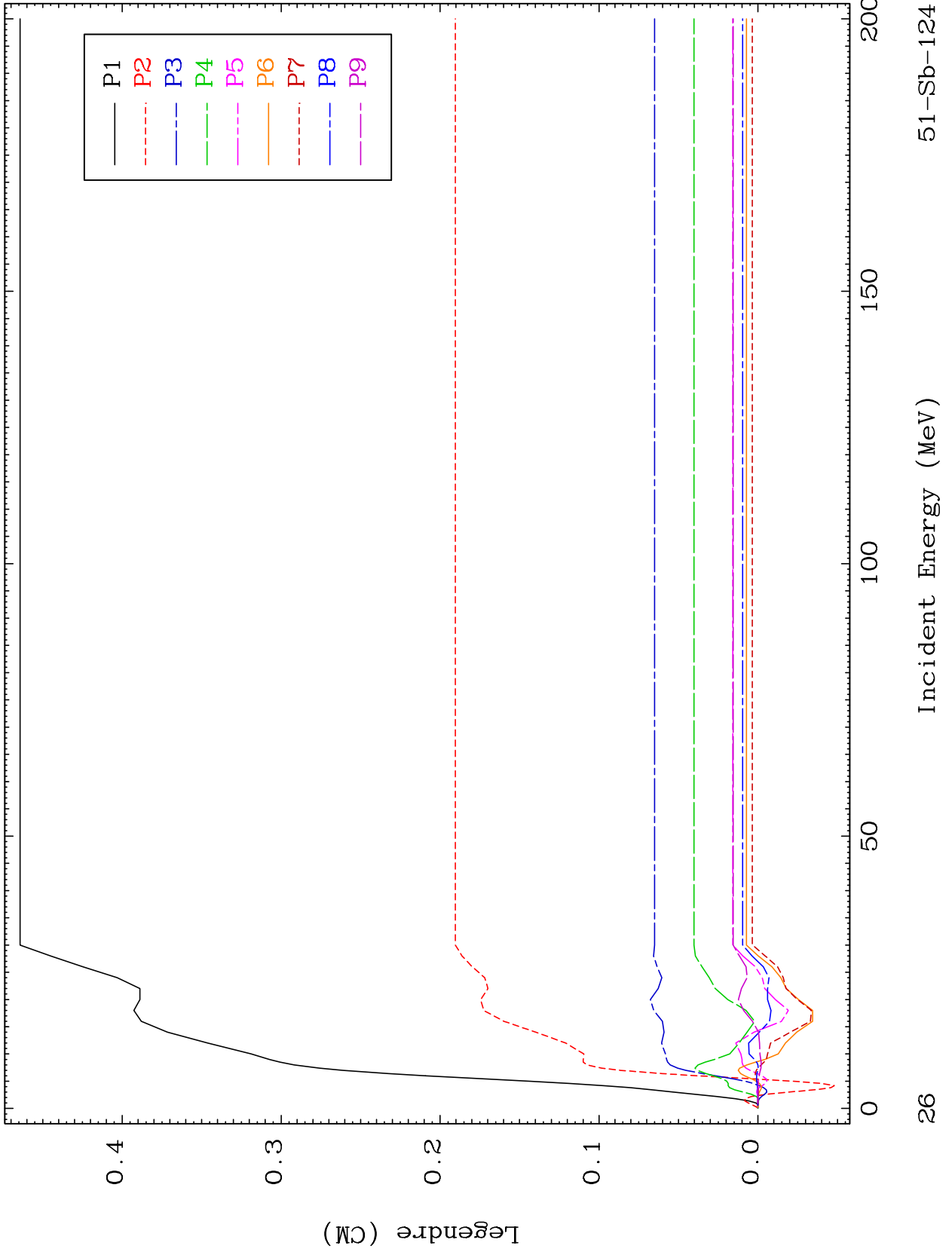
51-Sb-124



MAT 5134

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

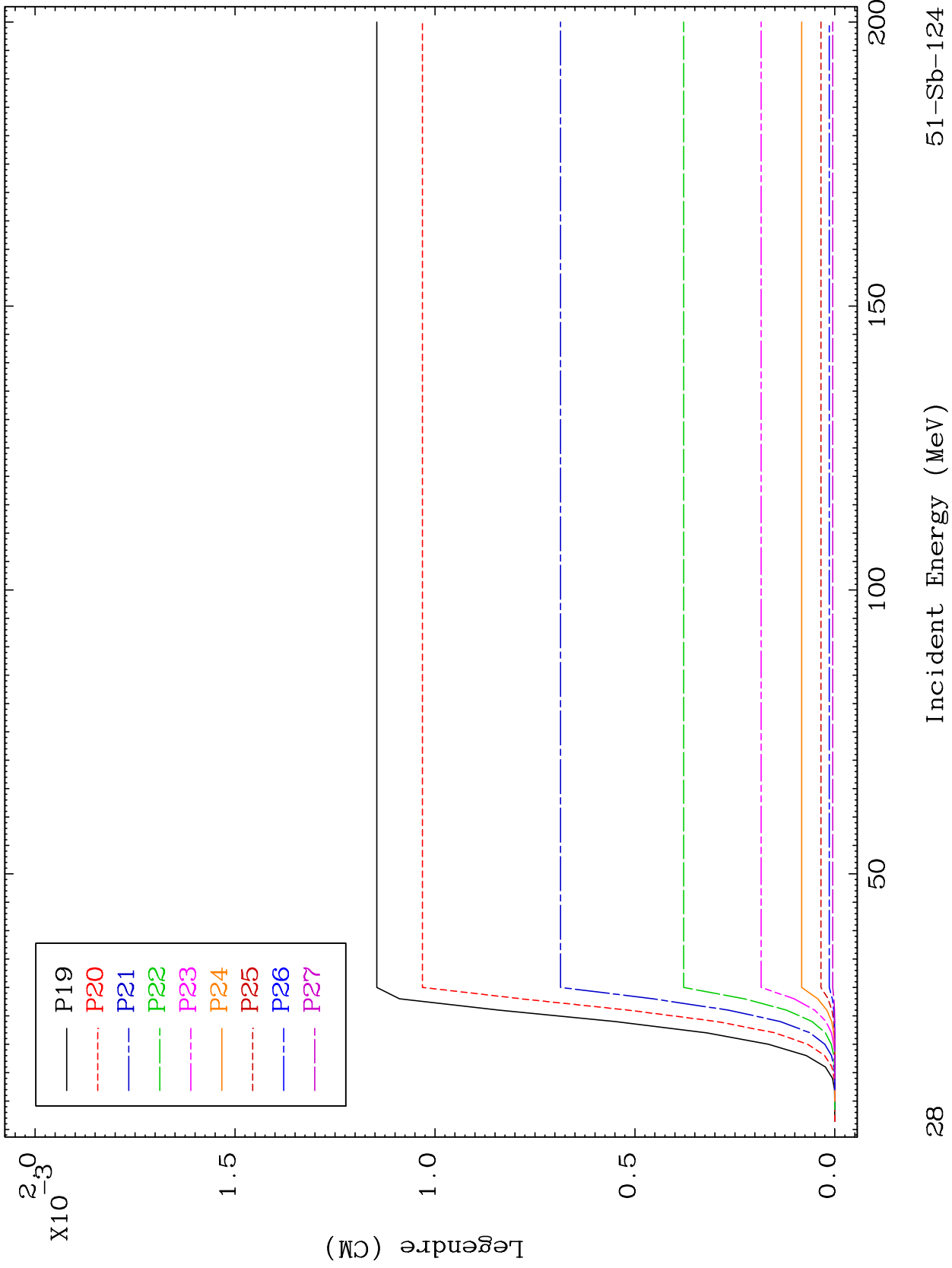
51-Sb-124

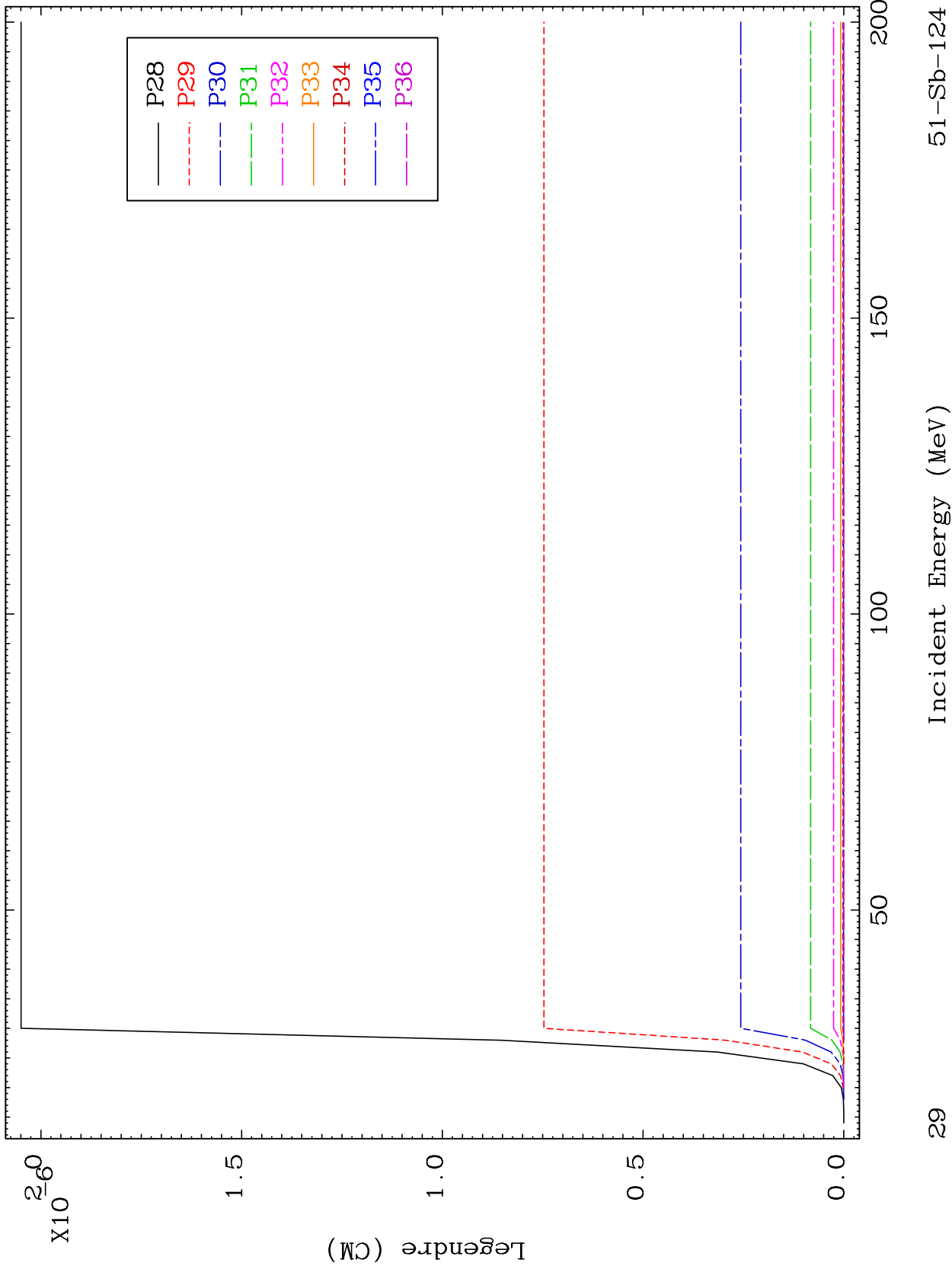


26

Incident Energy (MeV)

51-Sb-124

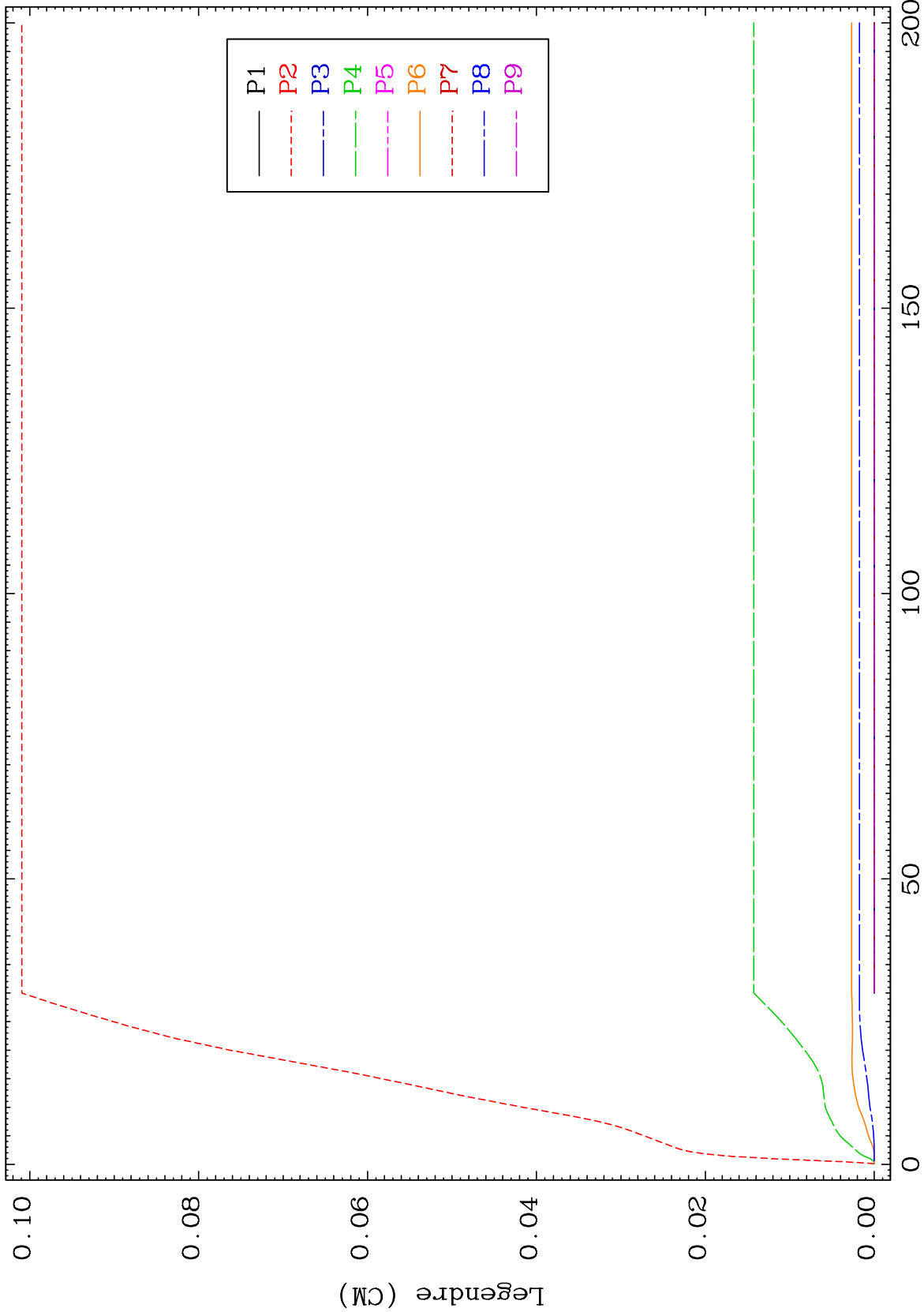




MAT 5134

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

51-Sb-124



51-Sb-124

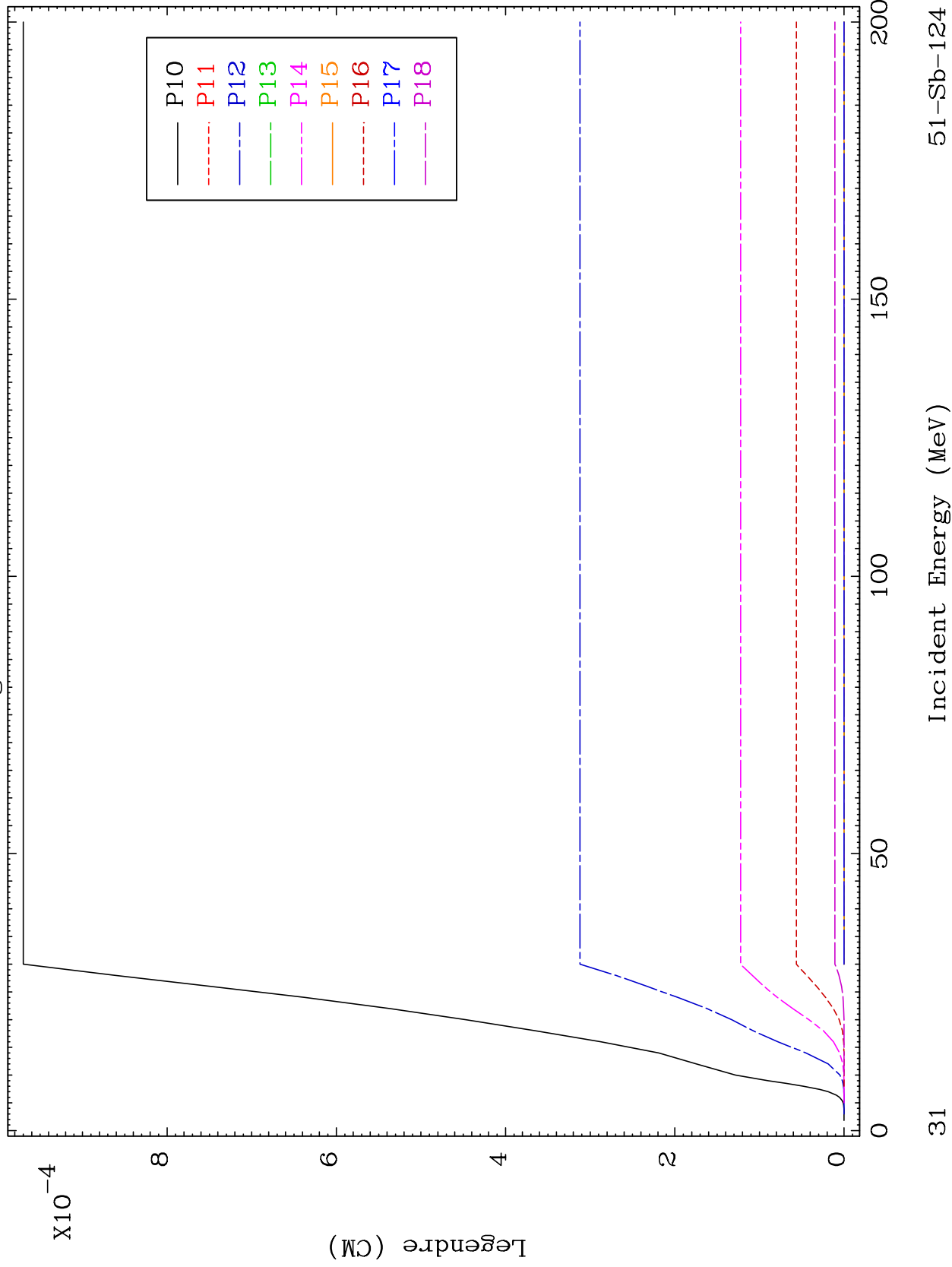
Incident Energy (MeV)

30

MAT 5134

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

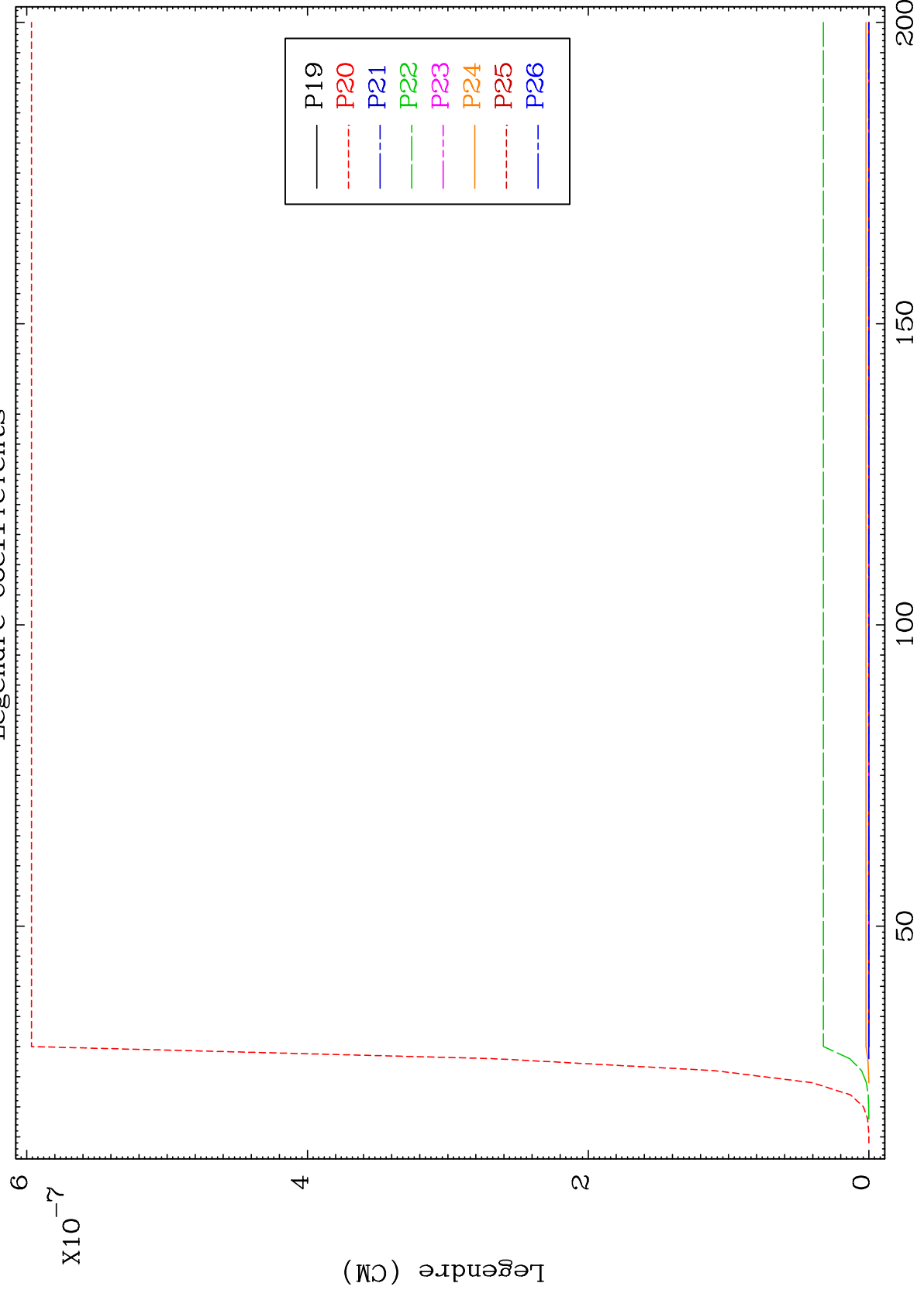
51-Sb-124



MAT 5134

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

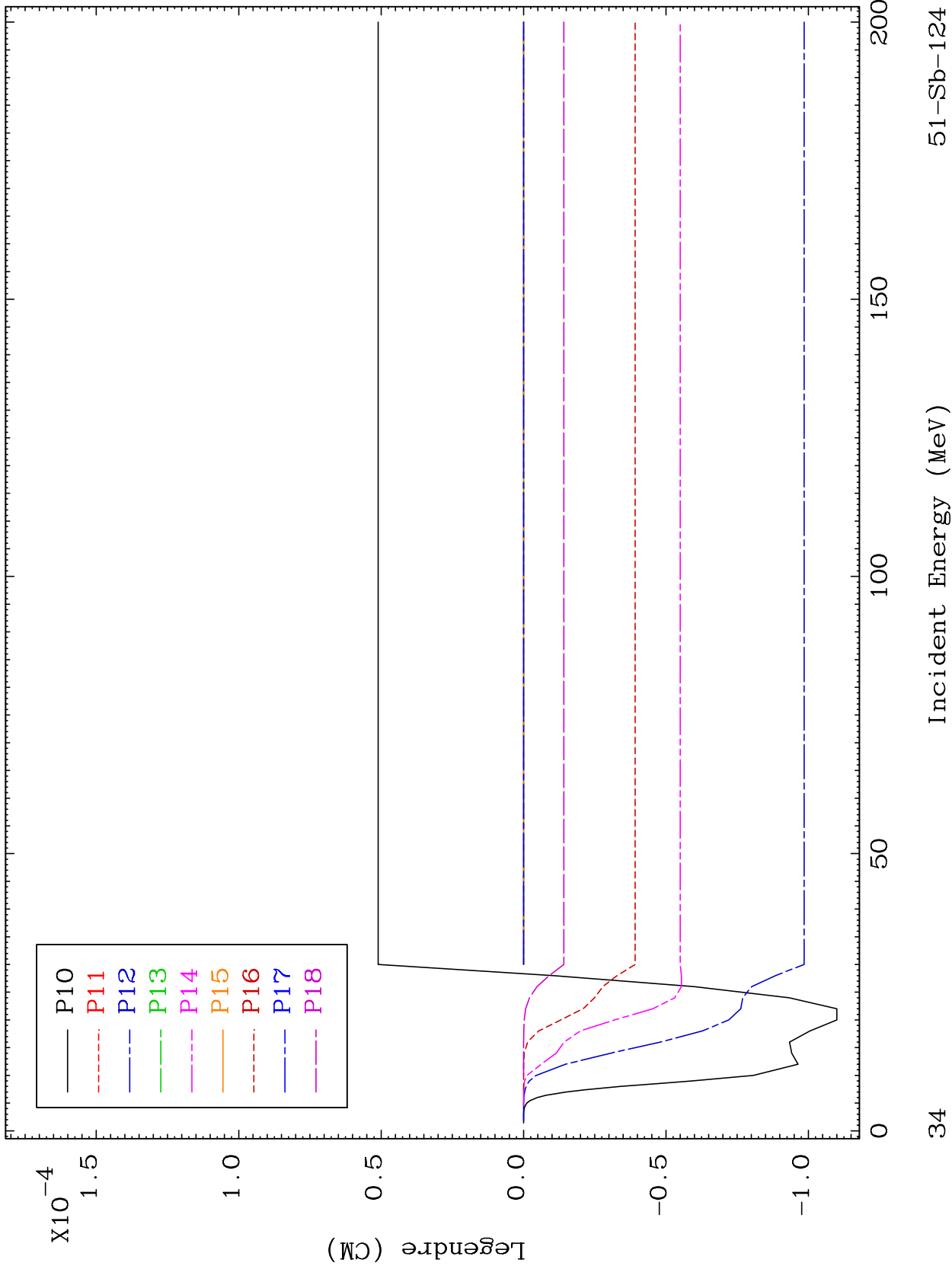
51-Sb-124



51-Sb-124

Incident Energy (MeV)

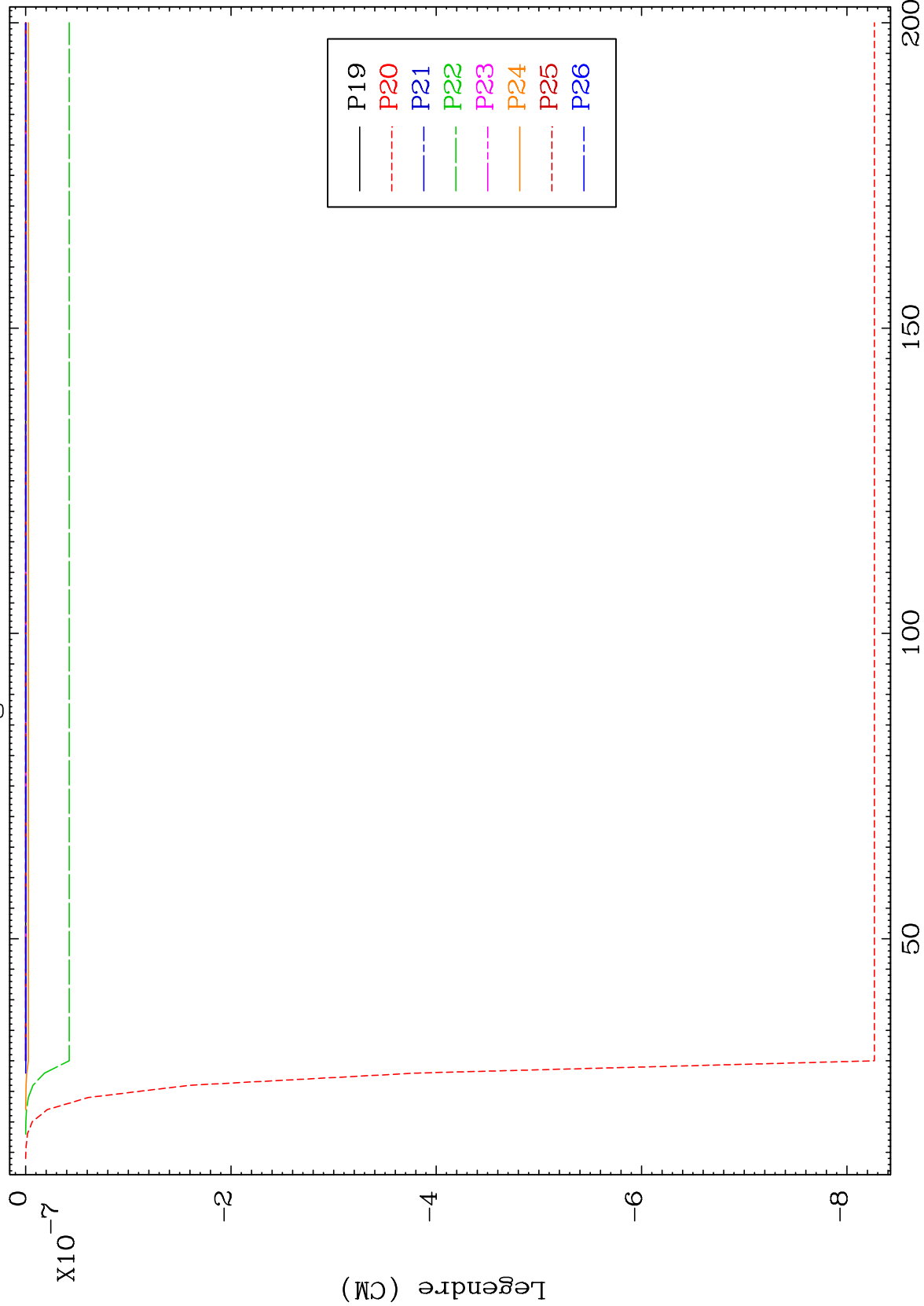
32



MAT 5134

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

51-Sb-124



51-Sb-124

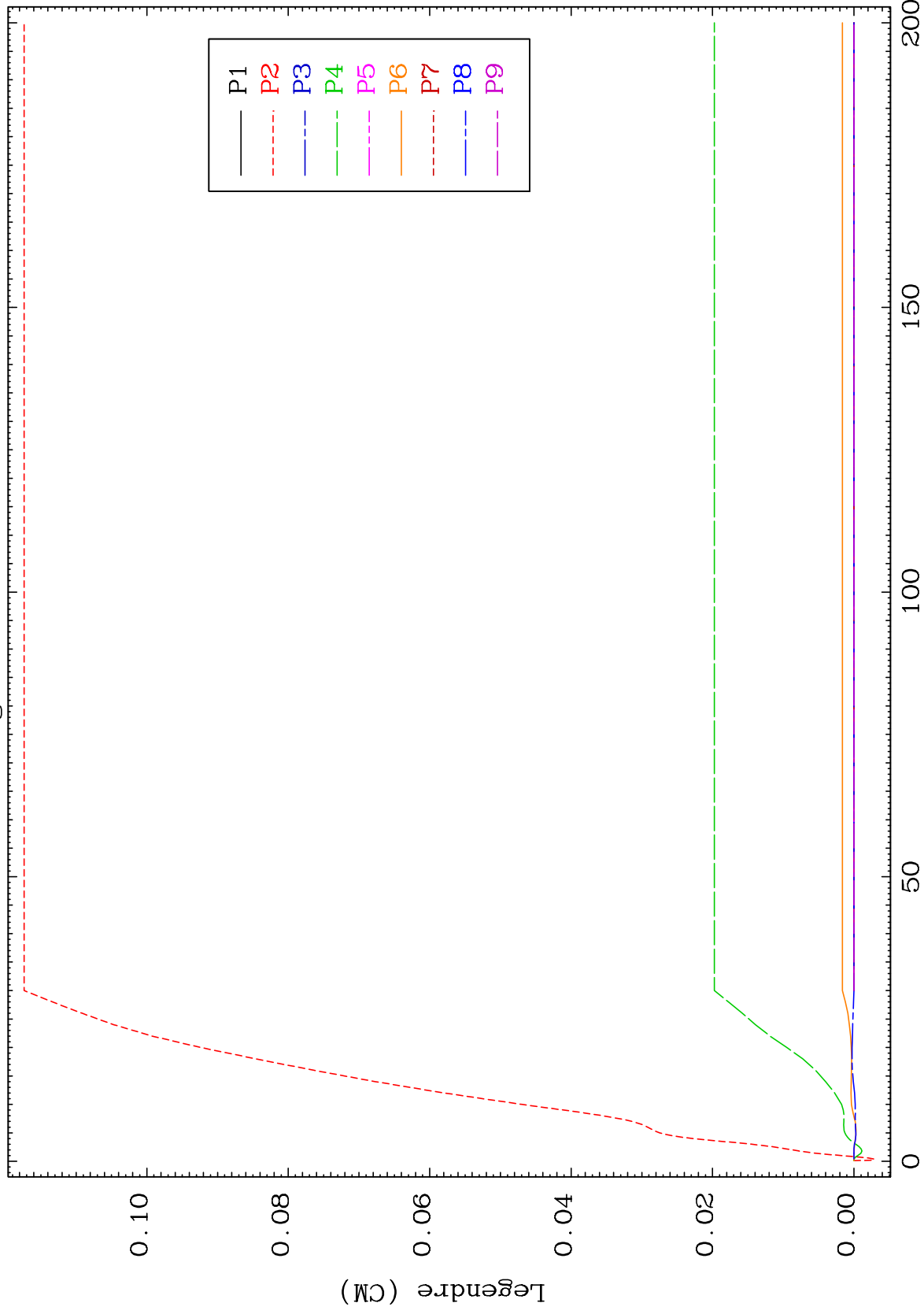
Incident Energy (MeV)

35

MAT 5134

51-Sb-124

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



51-Sb-124

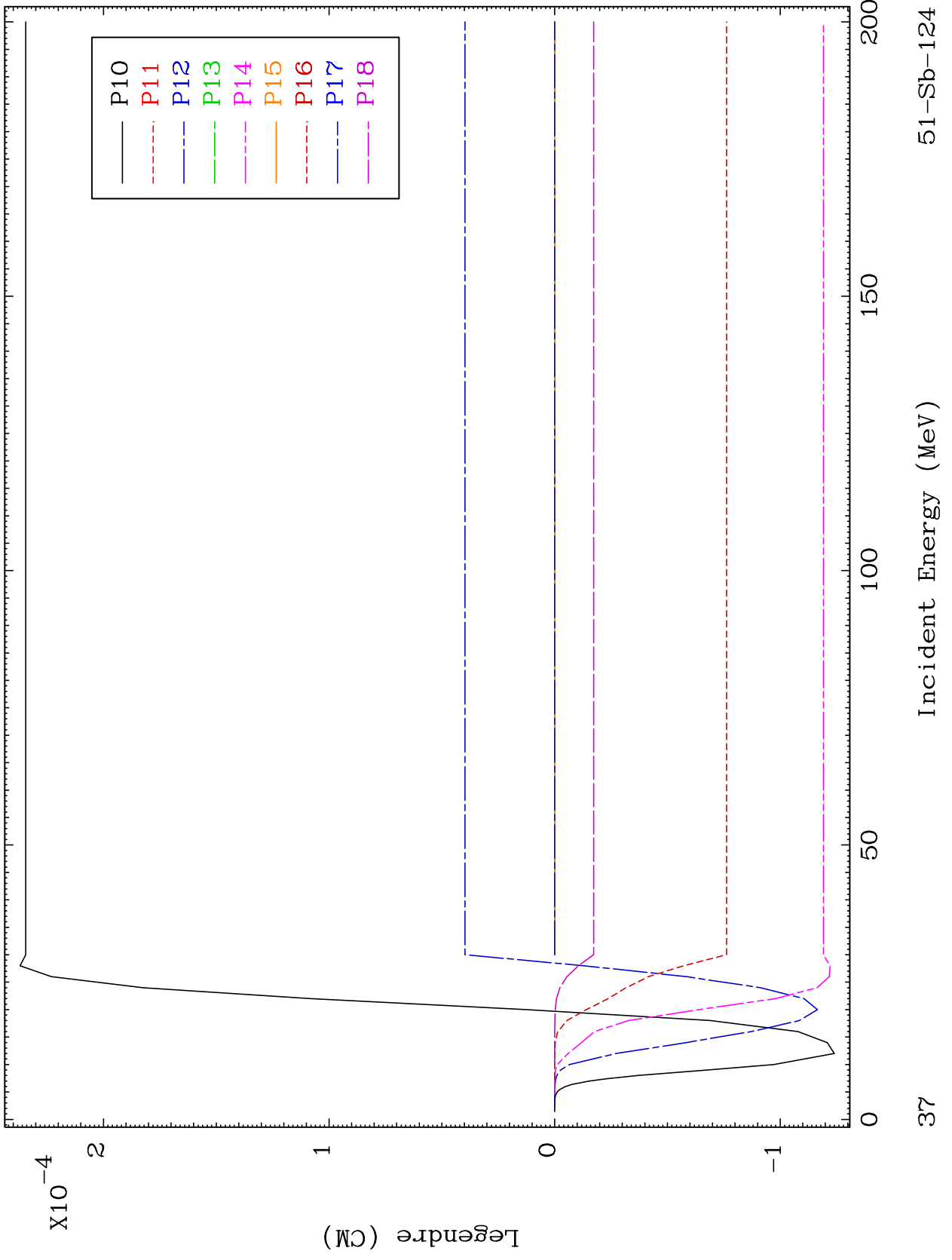
Incident Energy (MeV)

36

MAT 5134

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

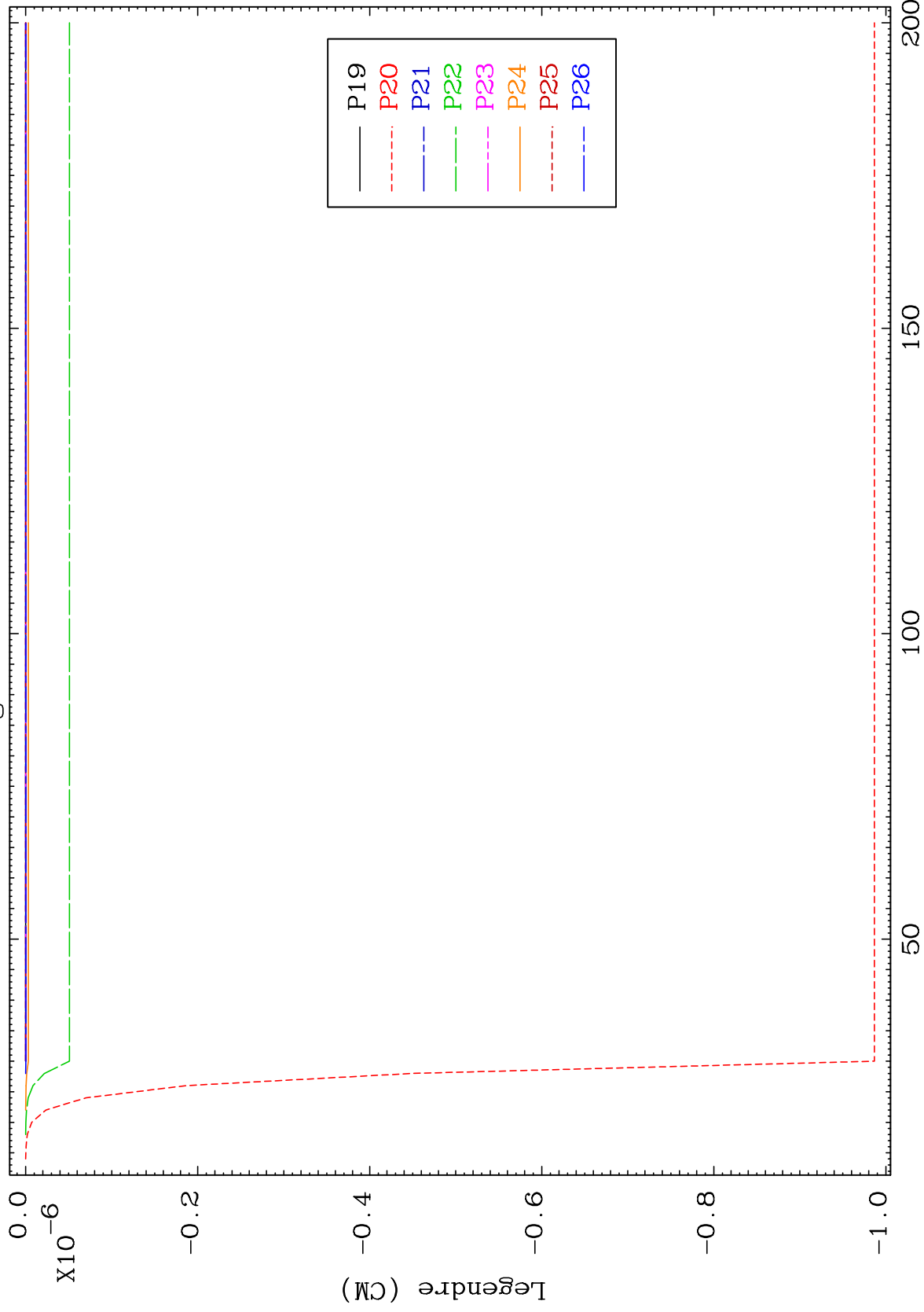
51-Sb-124



MAT 5134

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

51-Sb-124



38

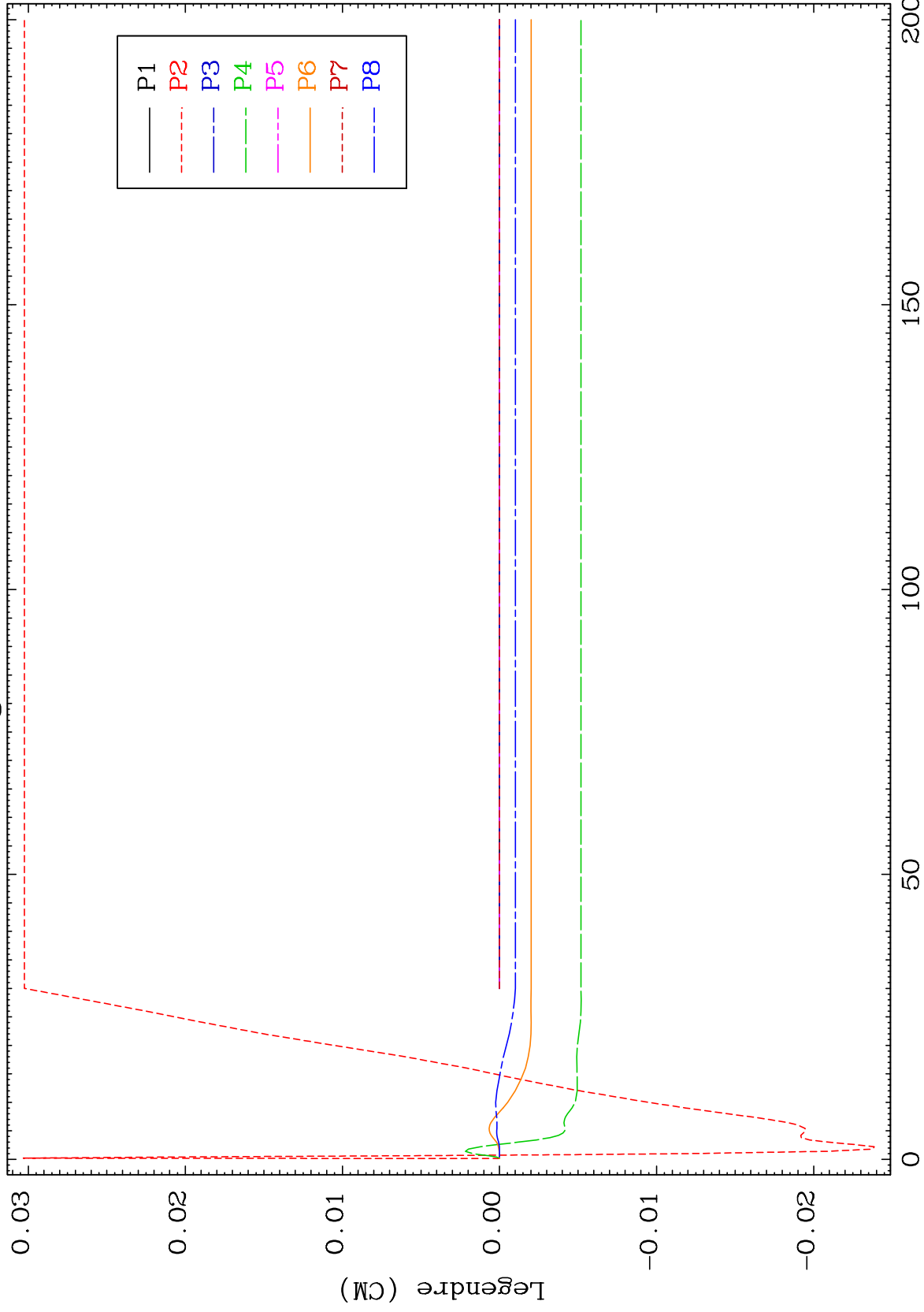
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



51-Sb-124

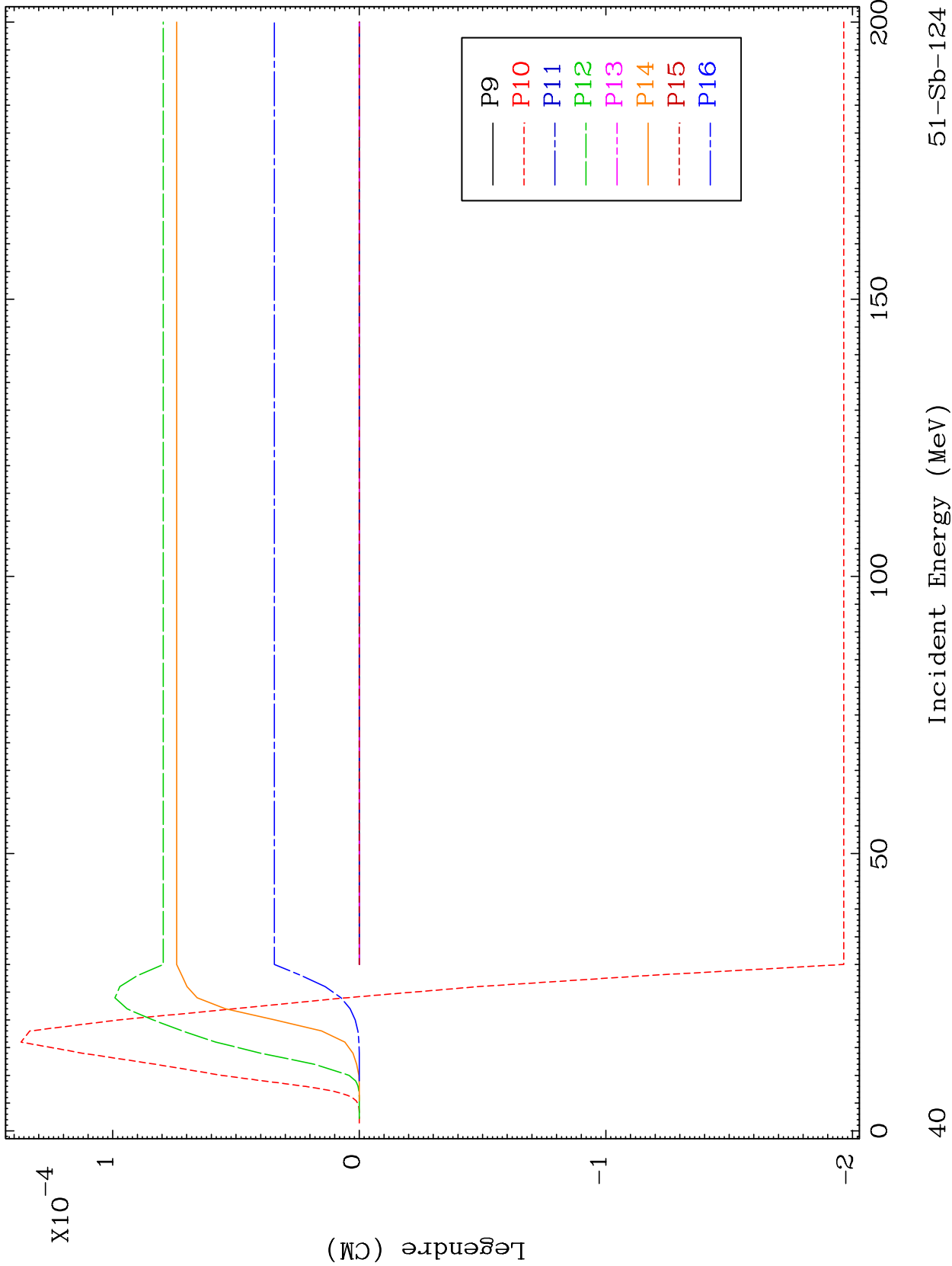
Incident Energy (MeV)

39

MAT 5134

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

51-Sb-124



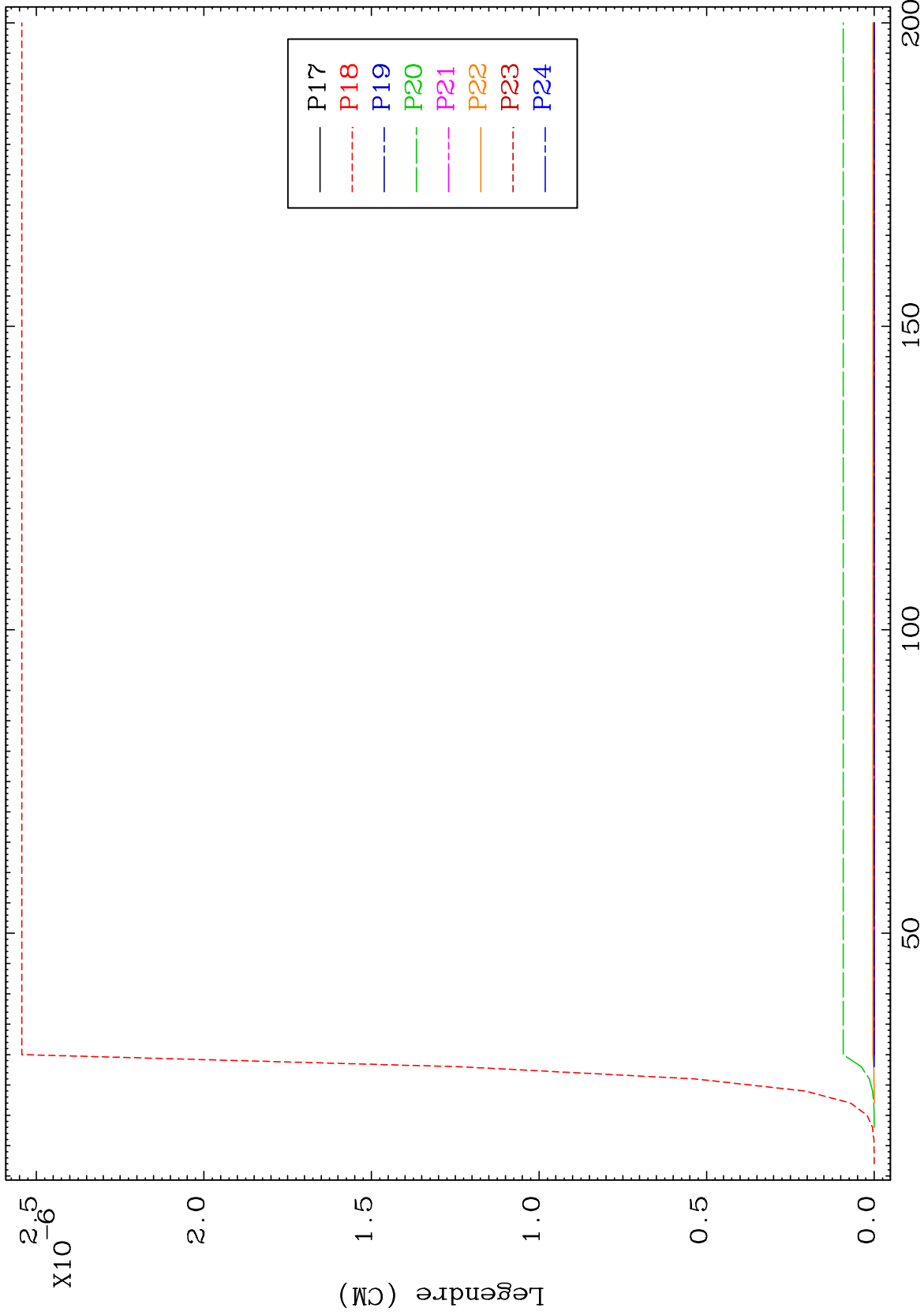
51-Sb-124

Incident Energy (MeV)

MAT 5134

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

51-Sb-124



41

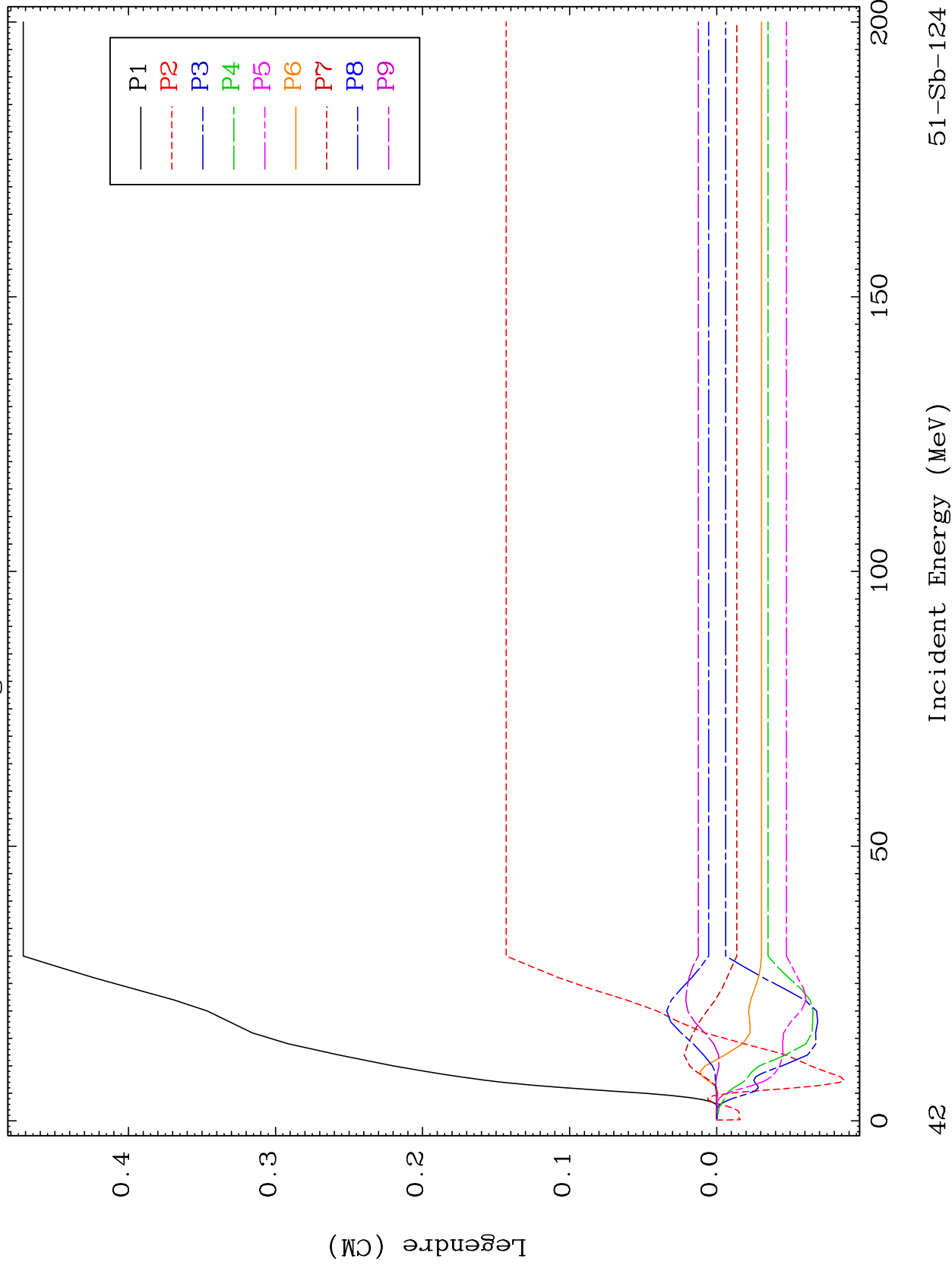
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

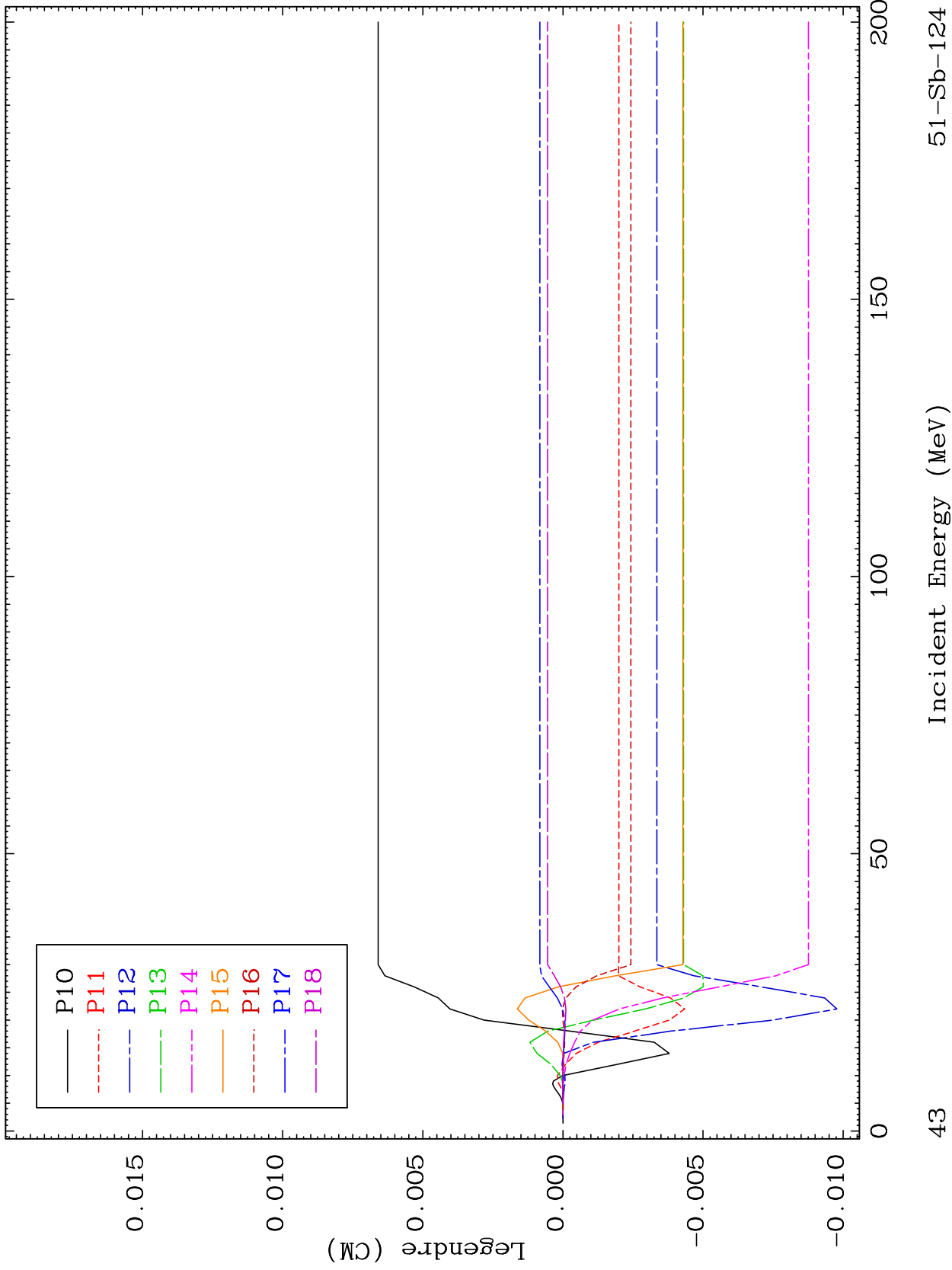
51-Sb-124

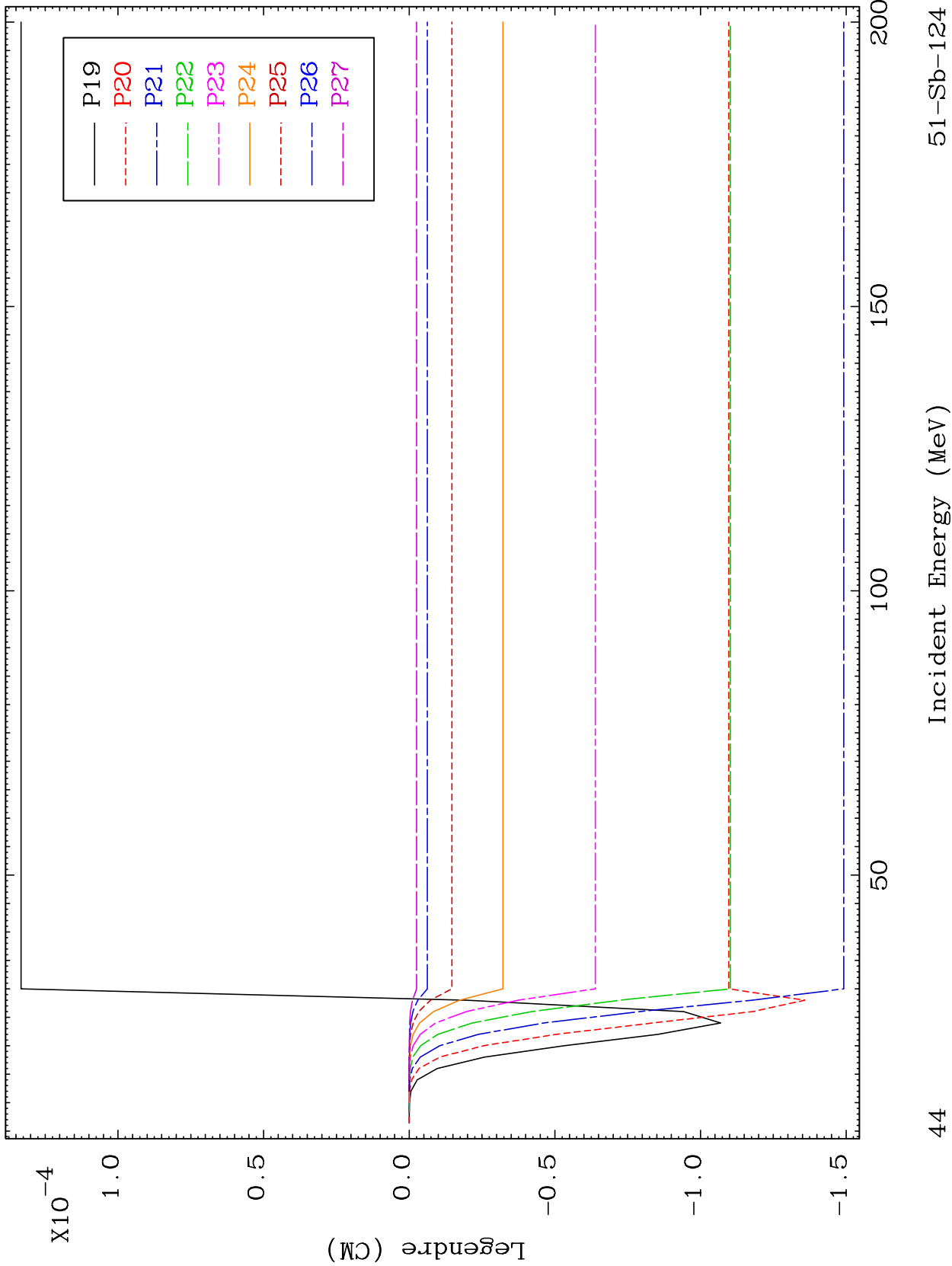


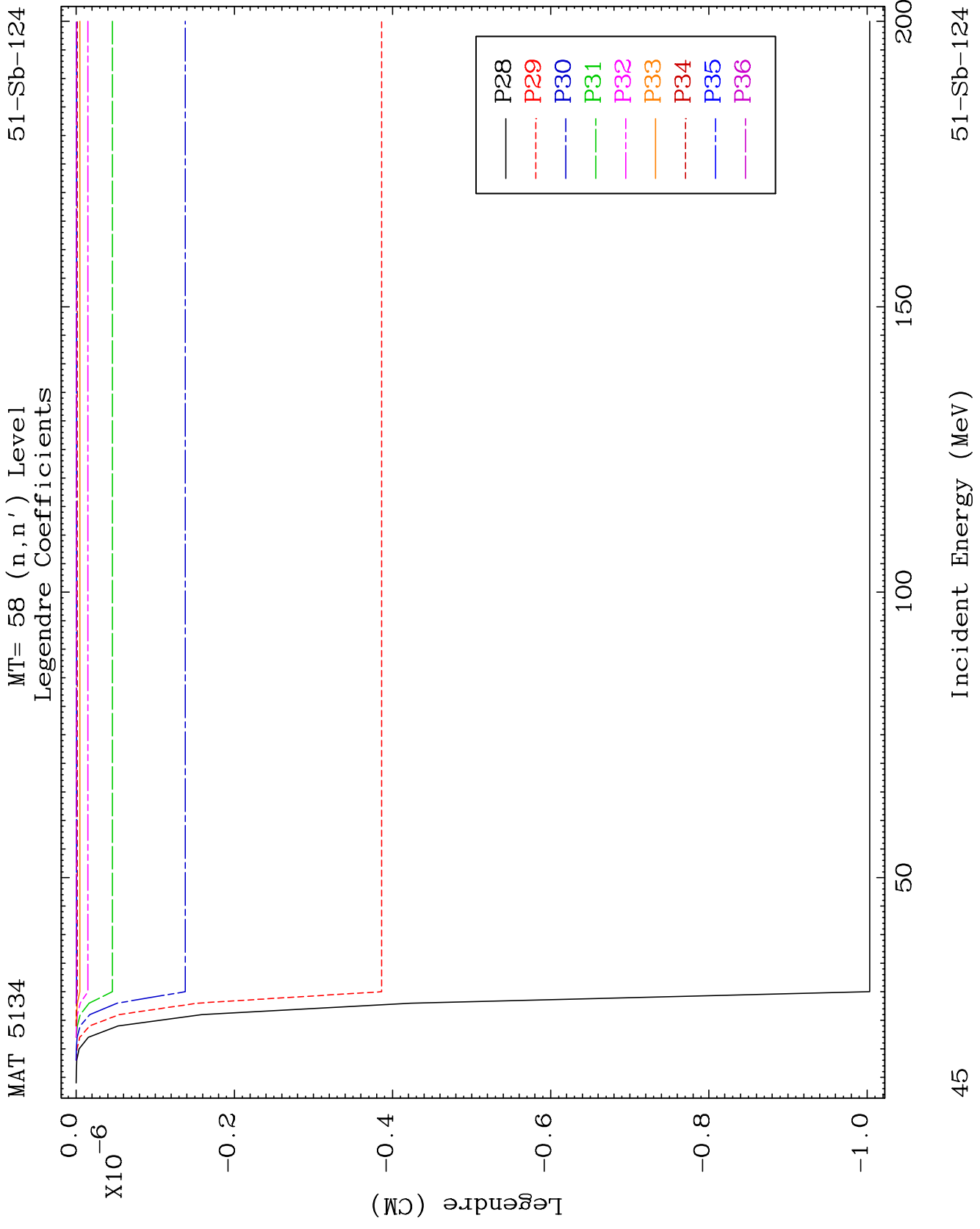
51-Sb-124

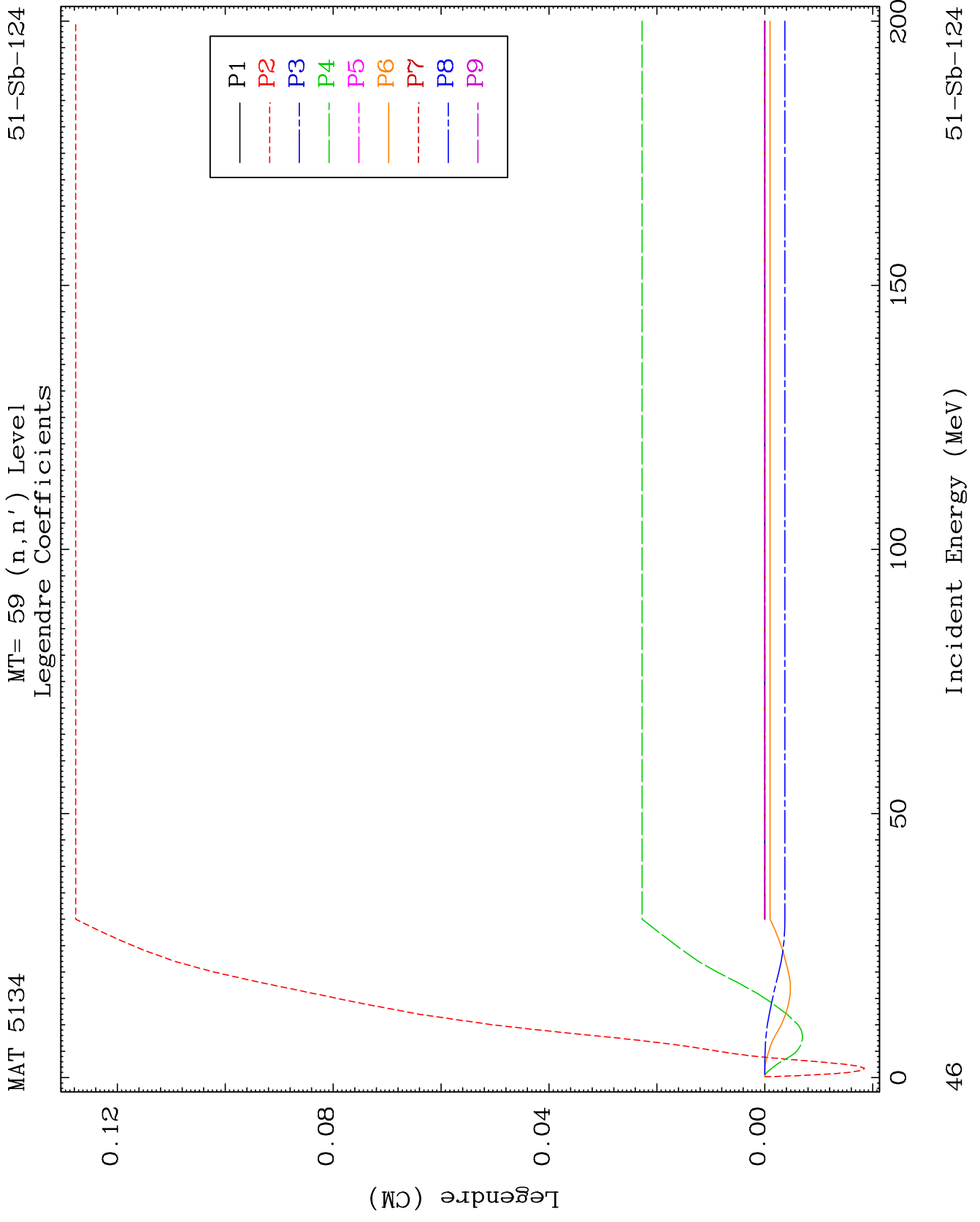
Incident Energy (MeV)

42





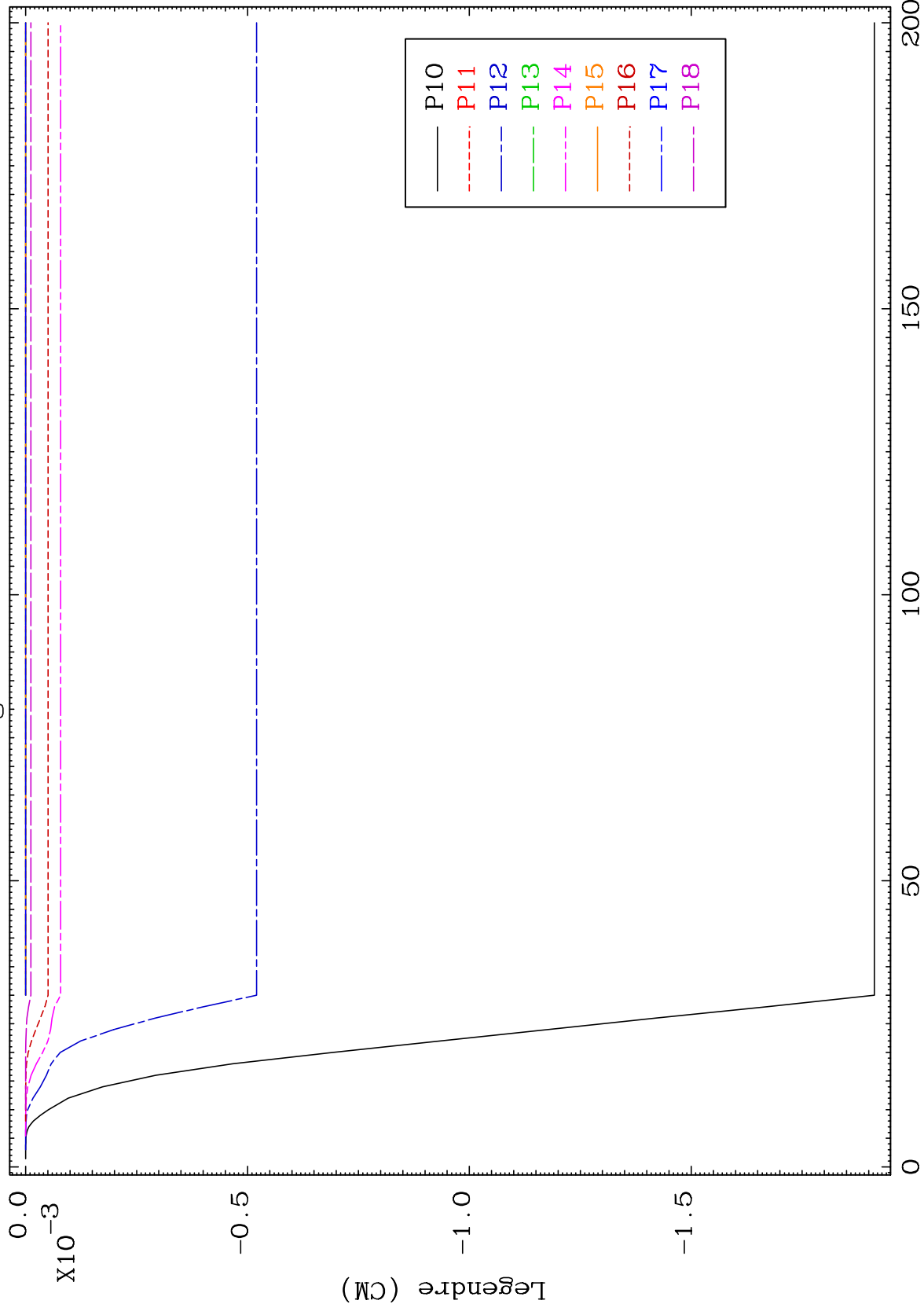




MAT 5134

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

51-Sb-124



47

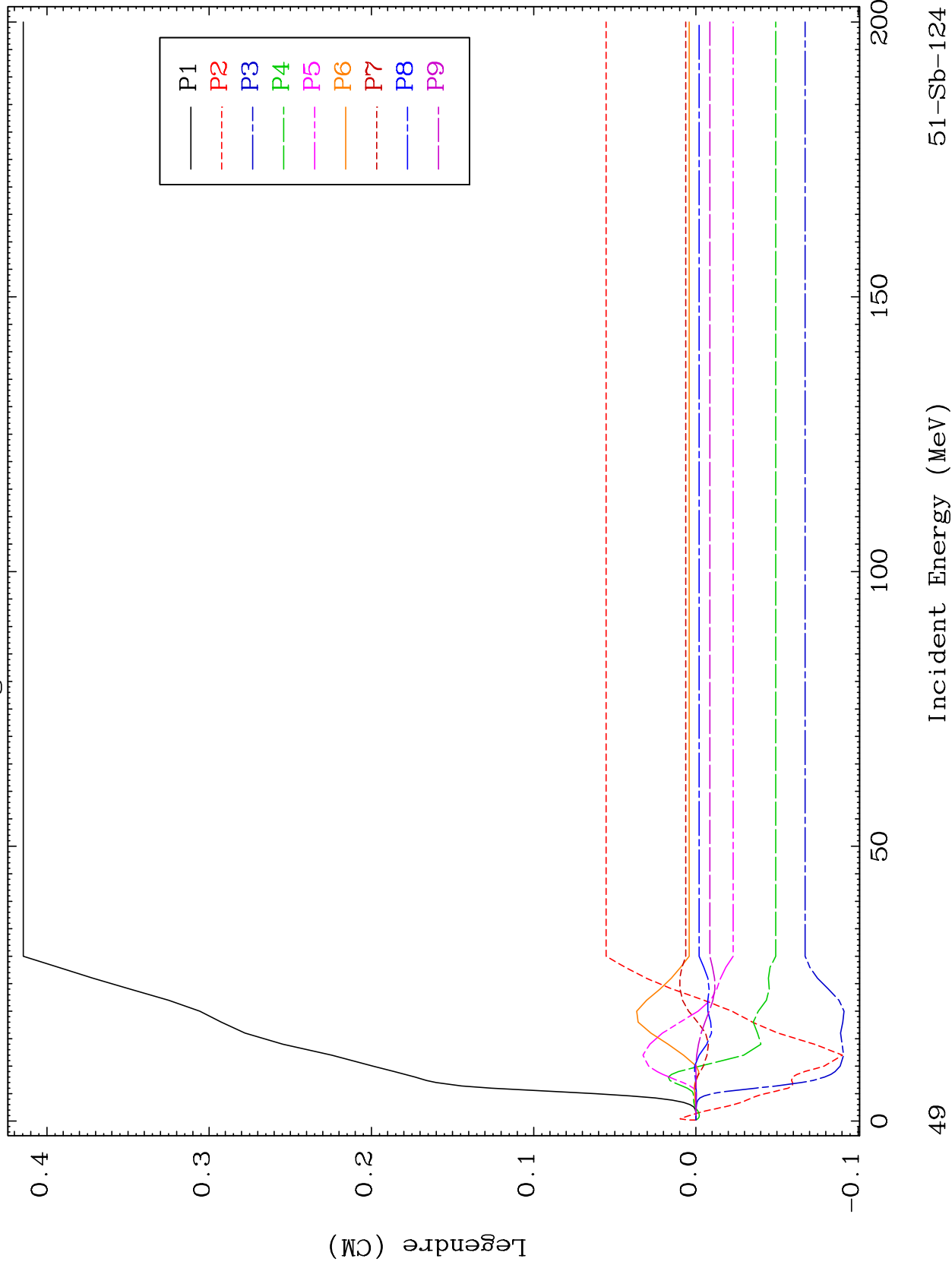
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

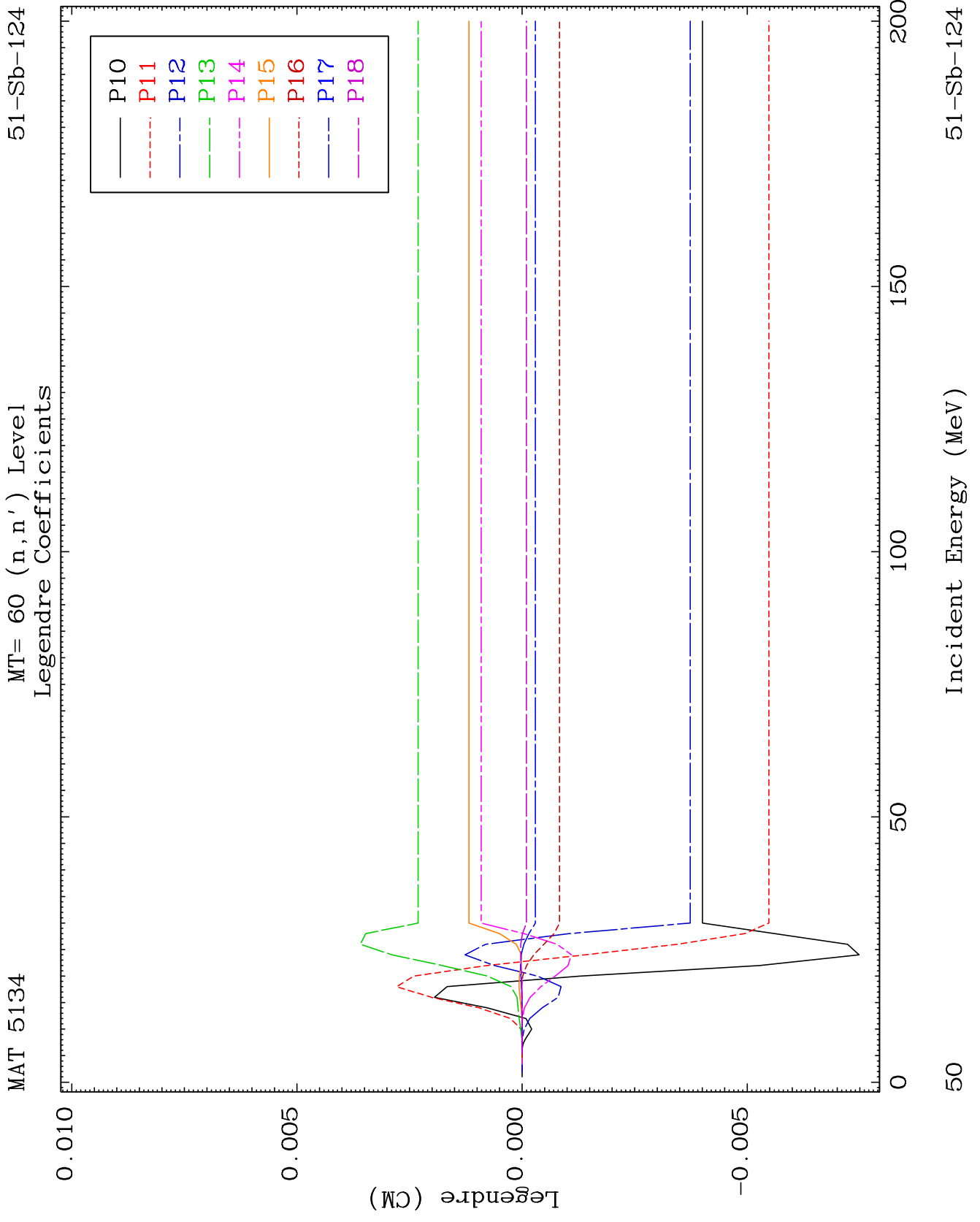
51-Sb-124



51-Sb-124

Incident Energy (MeV)

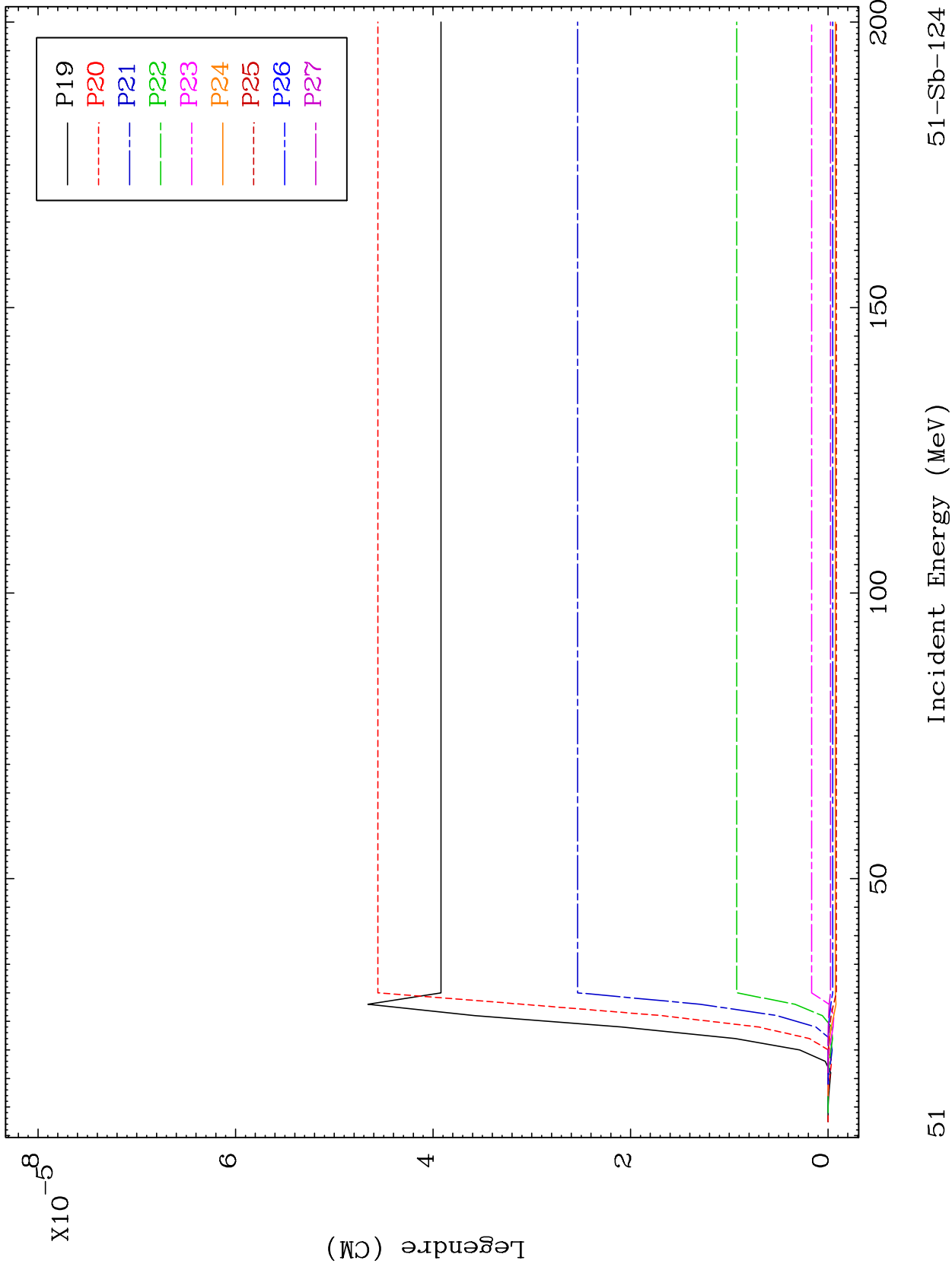
49



MAT 5134

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

51-Sb-124

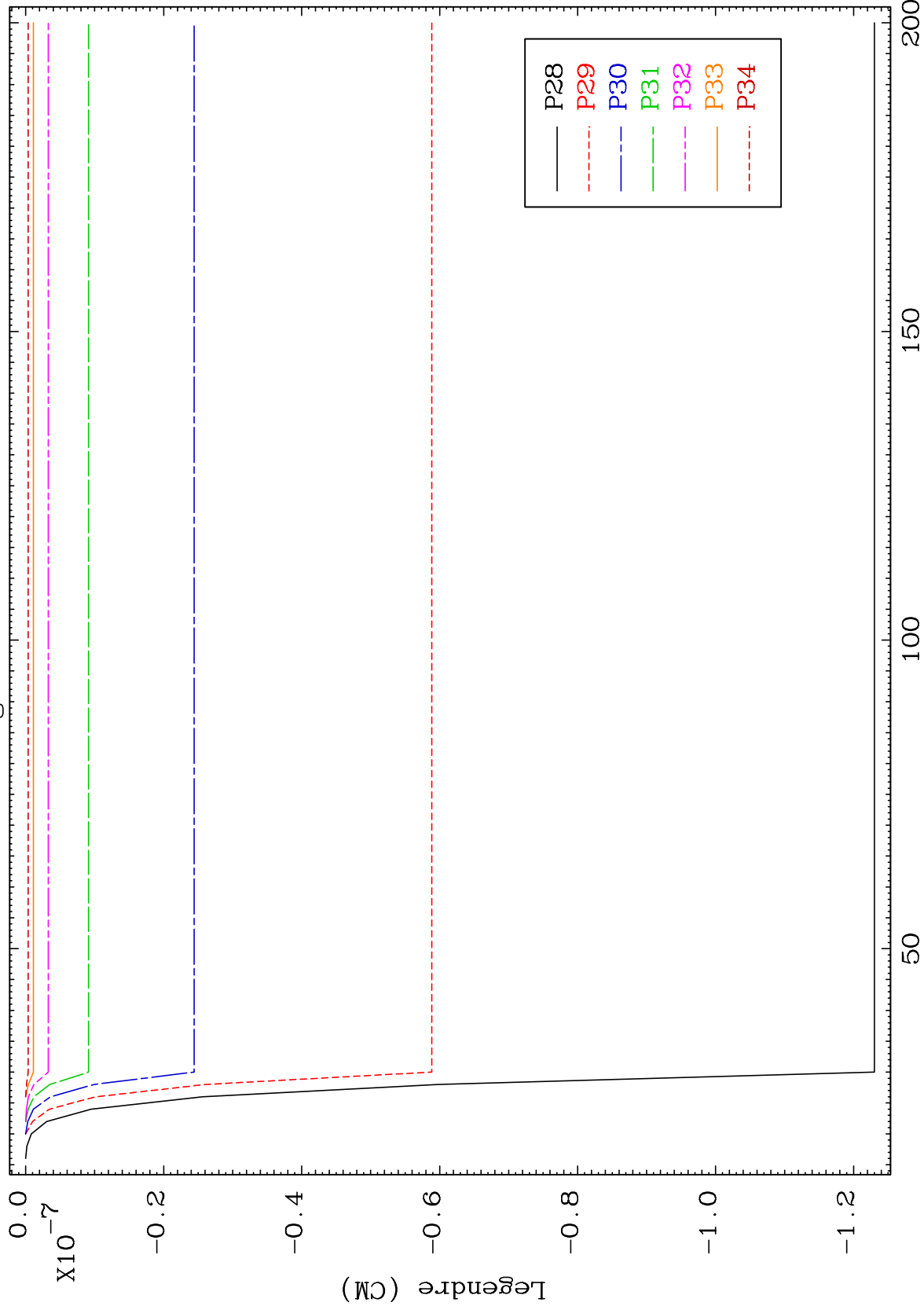


MAT 5134

MT= 60 (n,n') Level

51-Sb-124

Legendre Coefficients



52

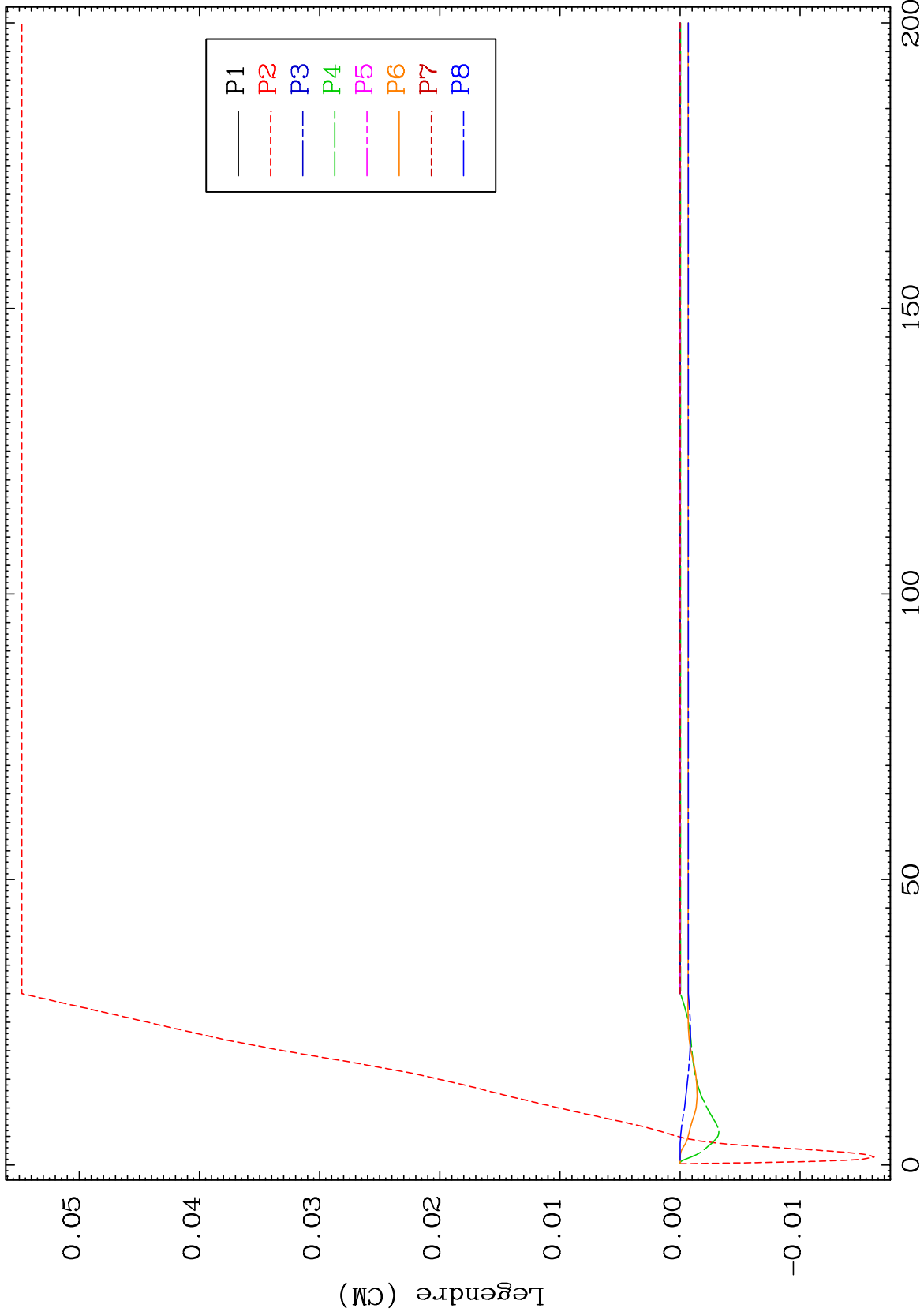
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

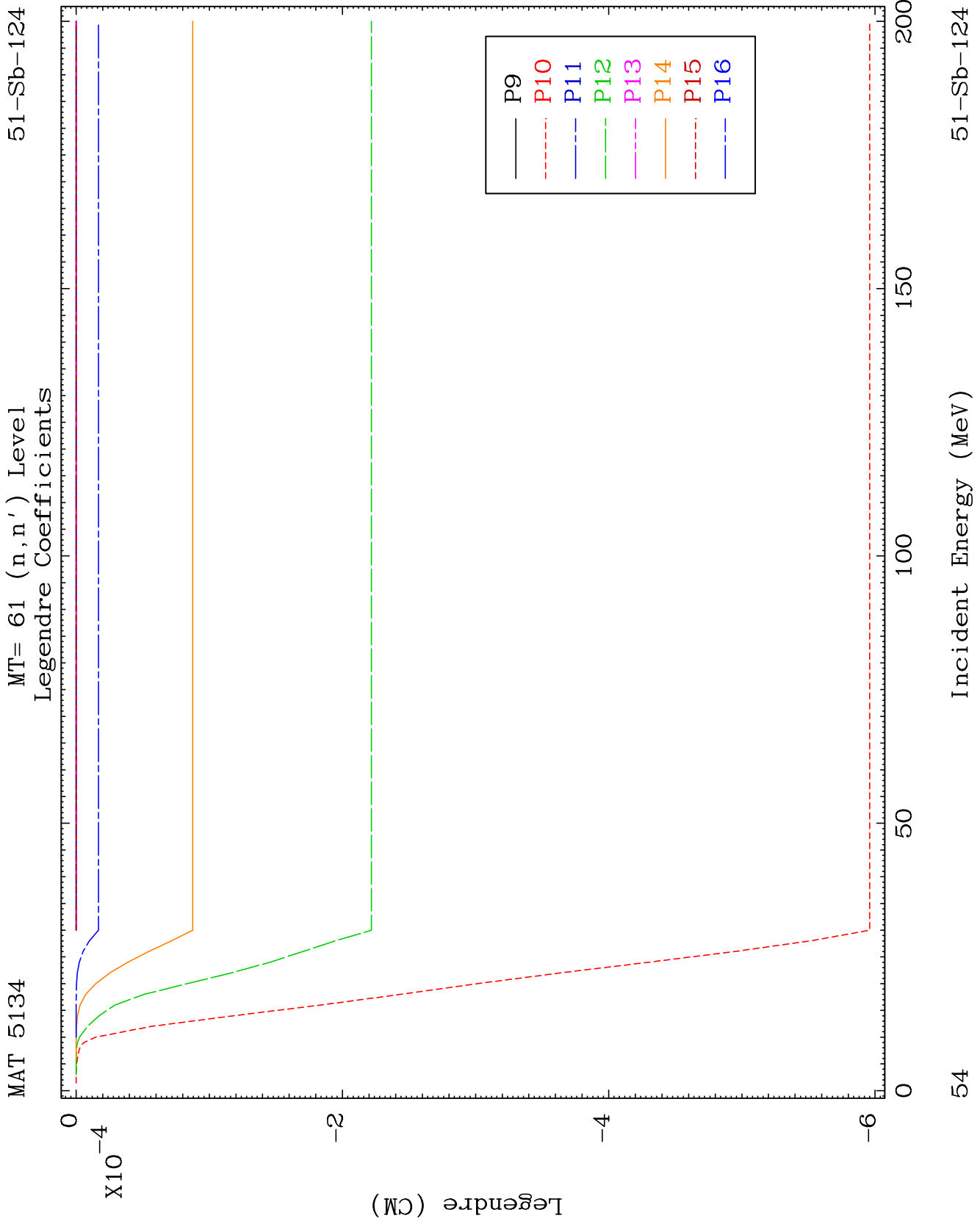
51-Sb-124

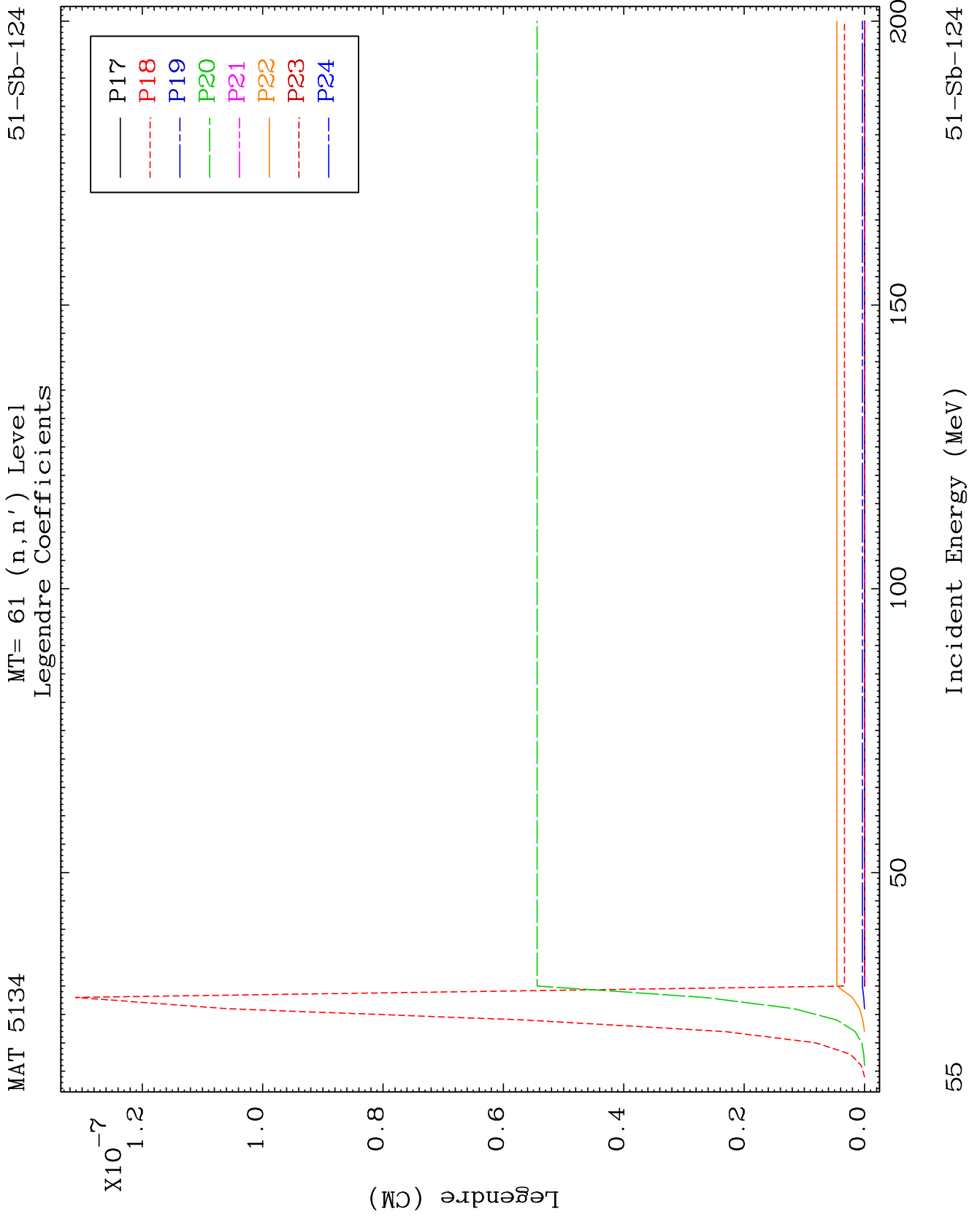


53

Incident Energy (MeV)

51-Sb-124

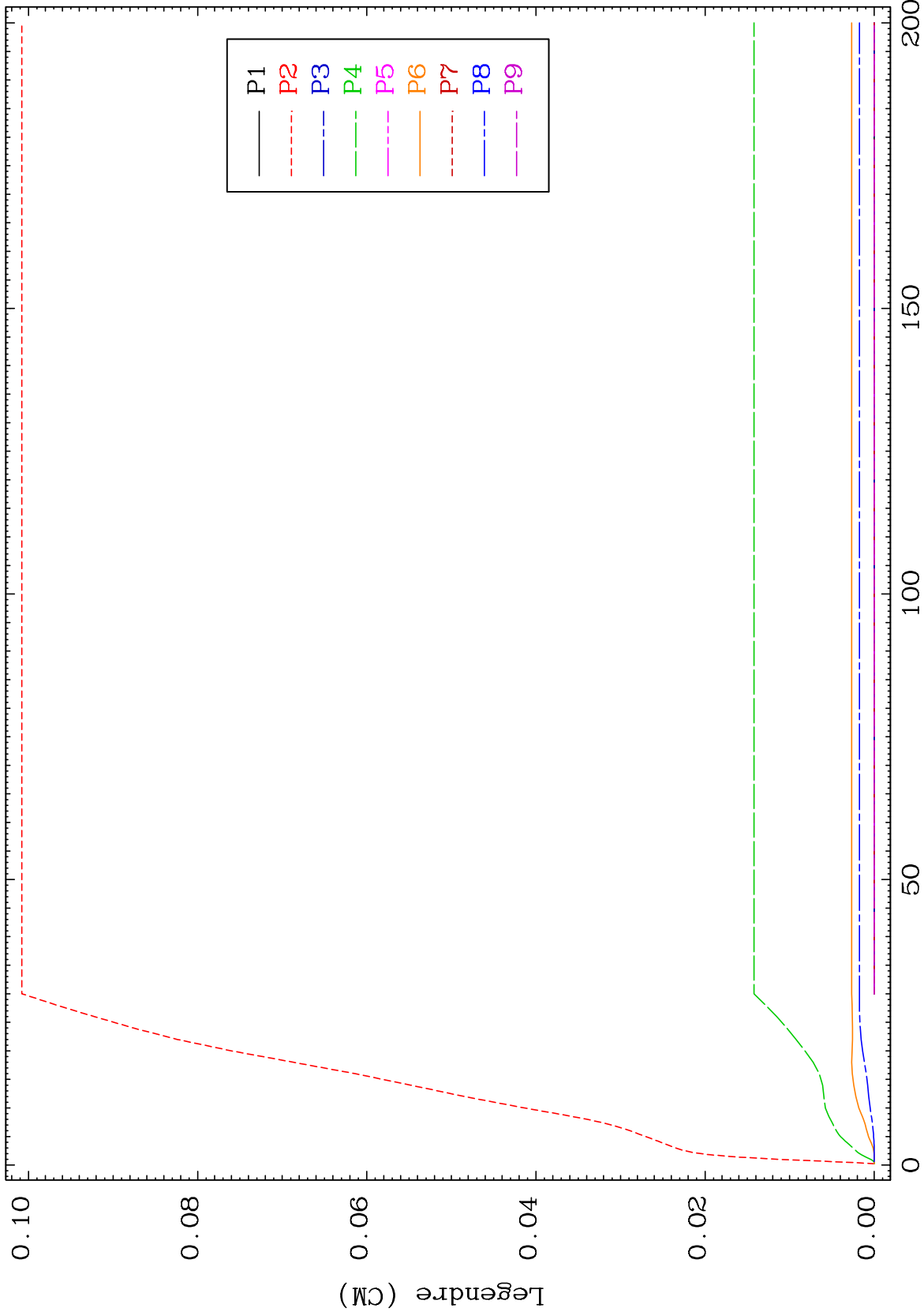




MAT 5134

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

51-Sb-124



51-Sb-124

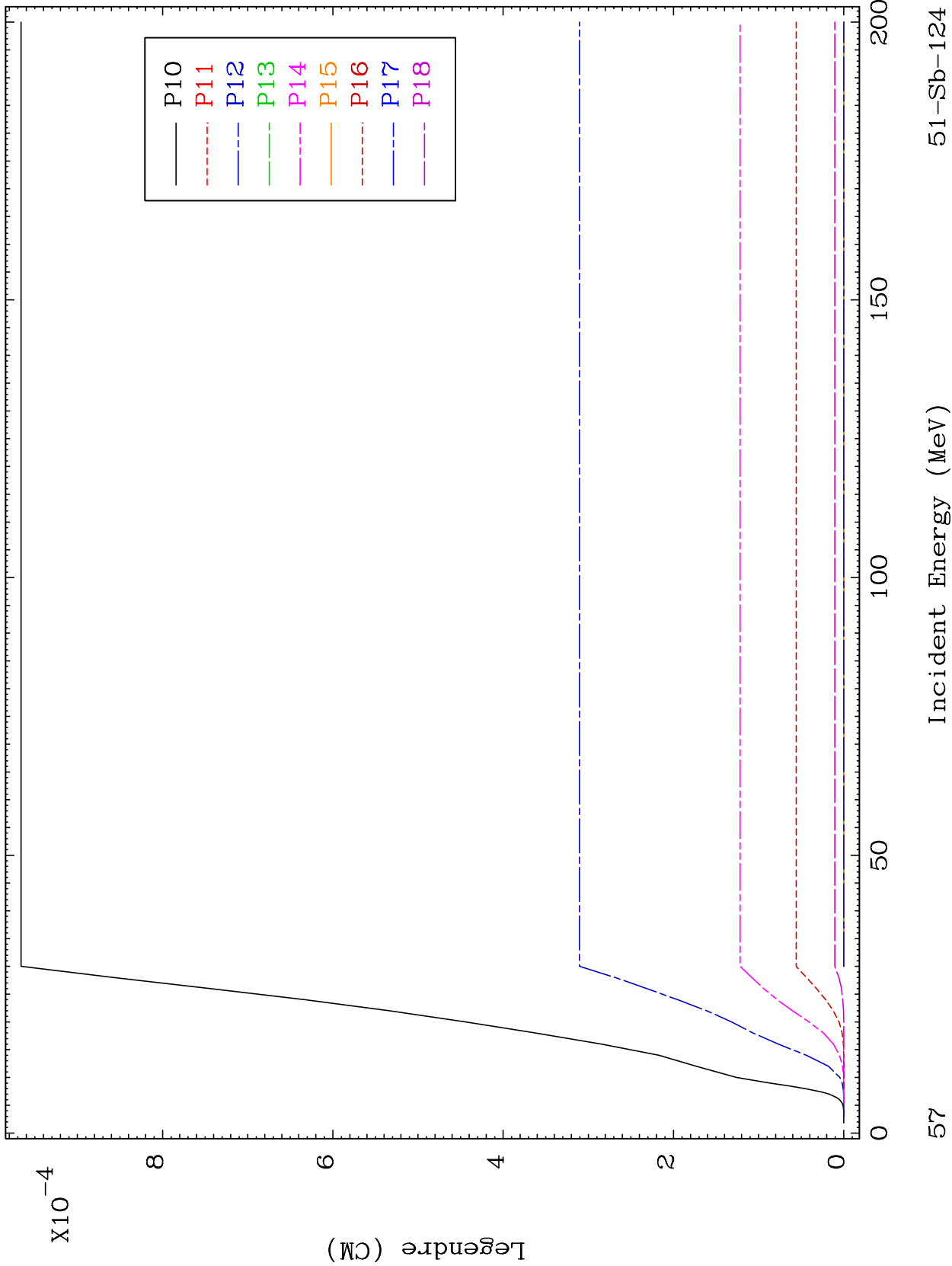
Incident Energy (MeV)

56

MAT 5134

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

51-Sb-124



57

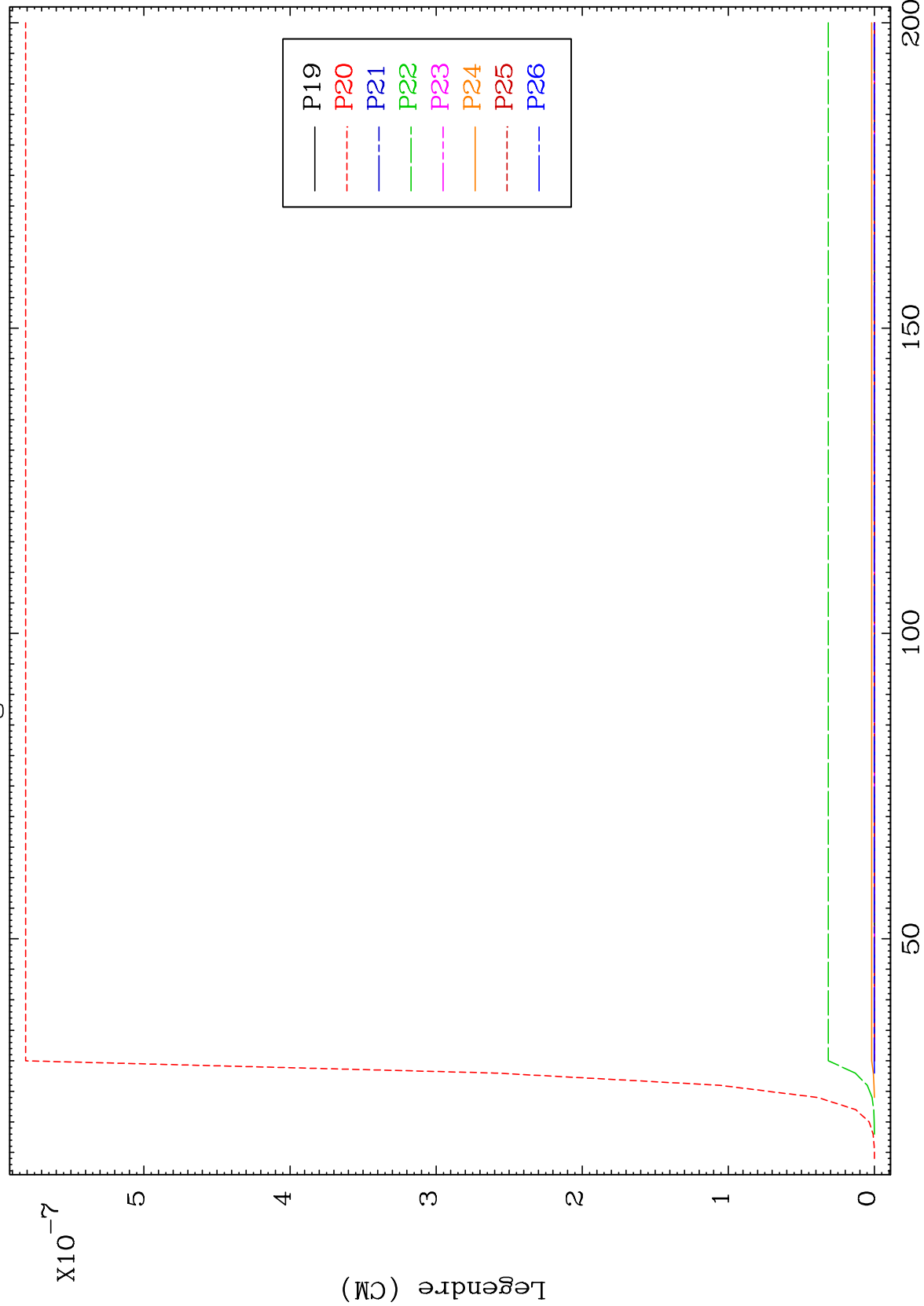
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

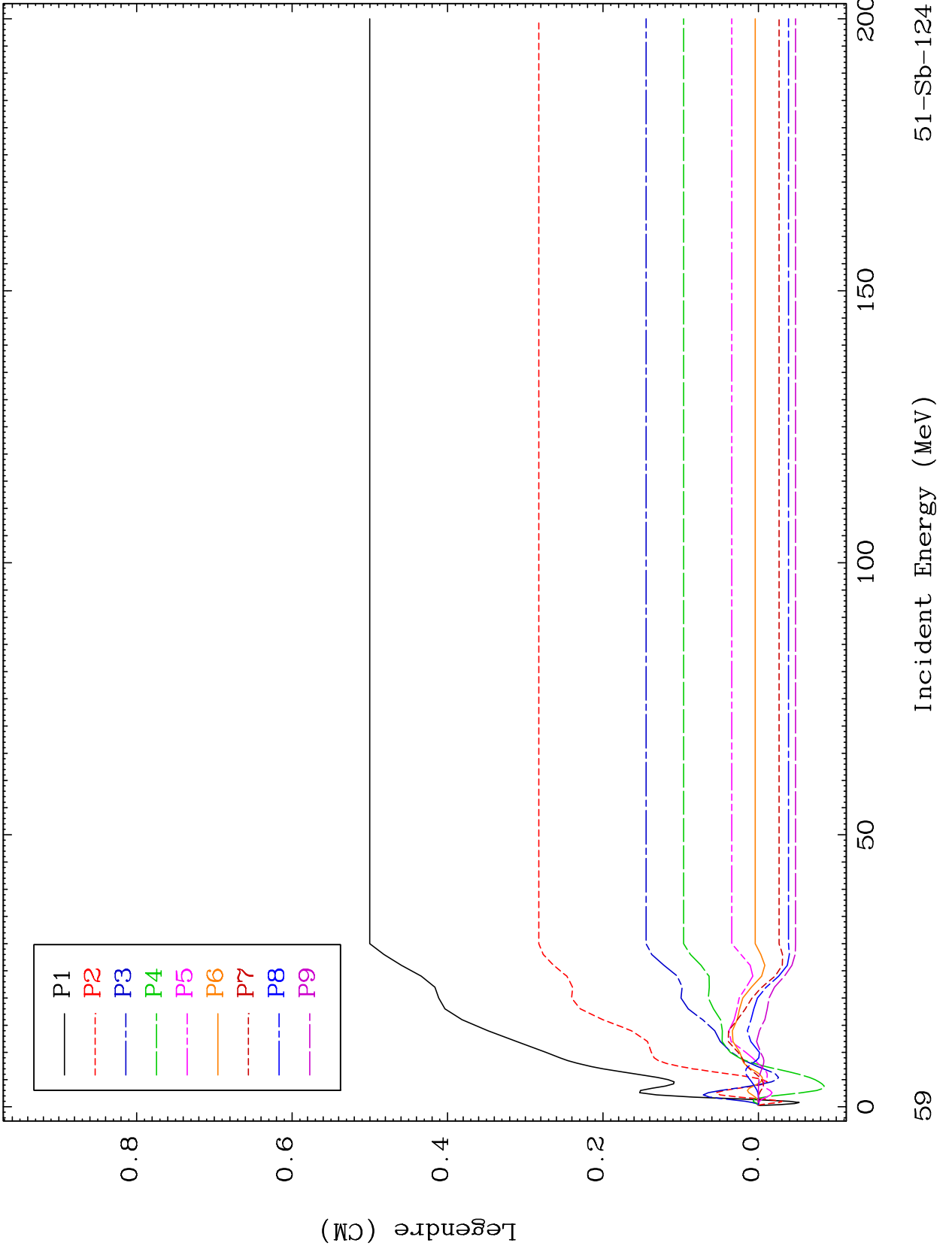
51-Sb-124

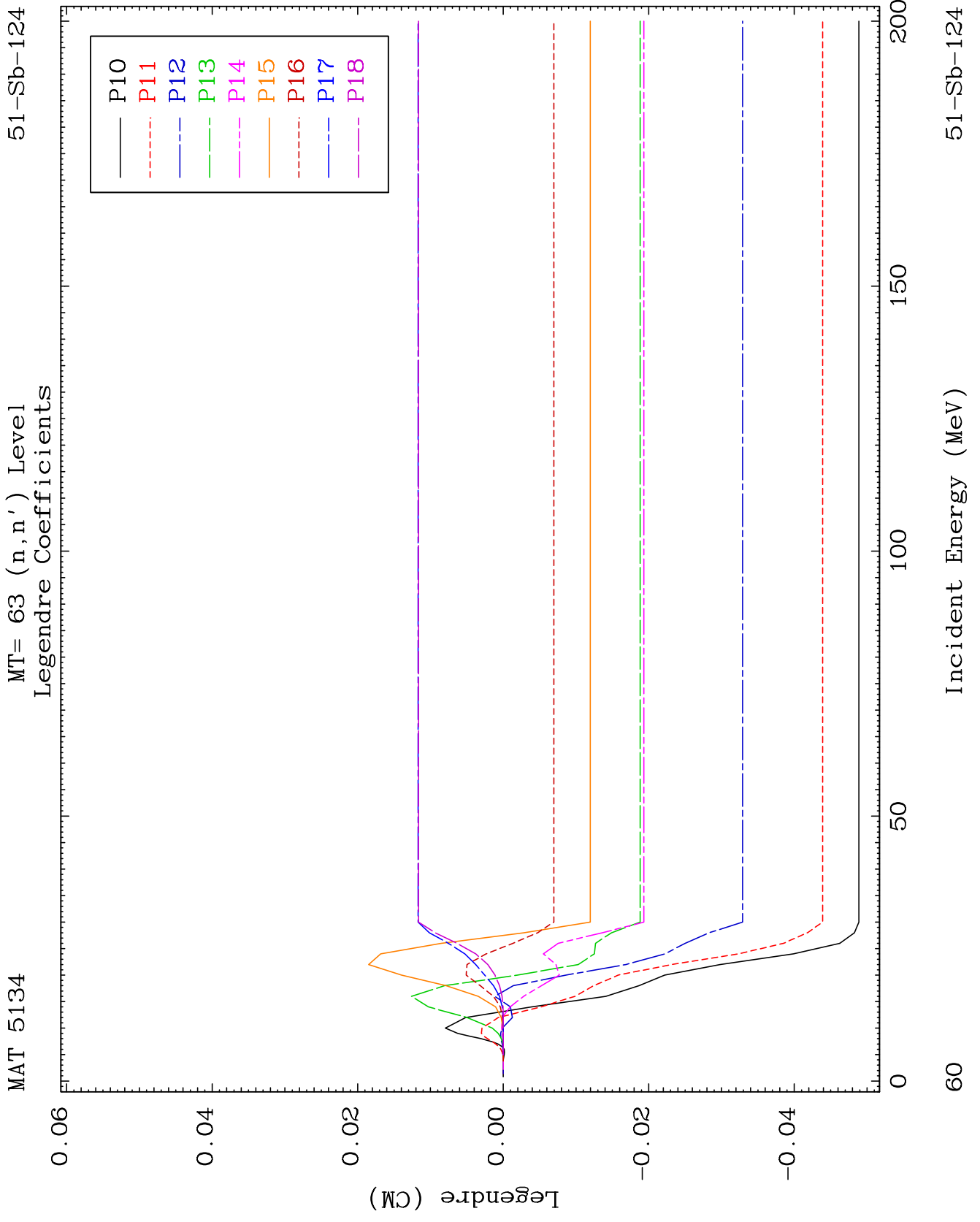


51-Sb-124

Incident Energy (MeV)

58

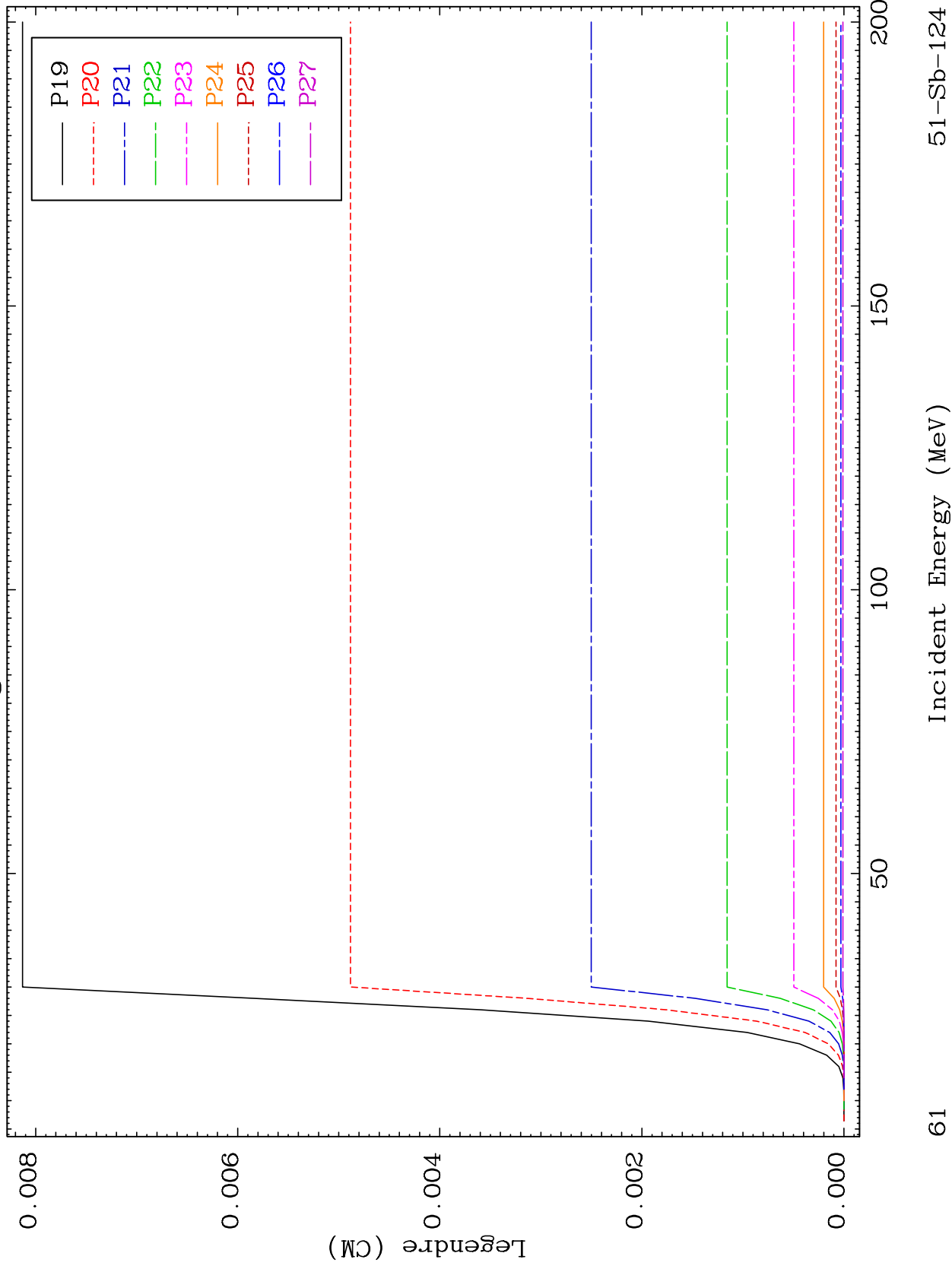




MAT 5134

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

51-Sb-124



61

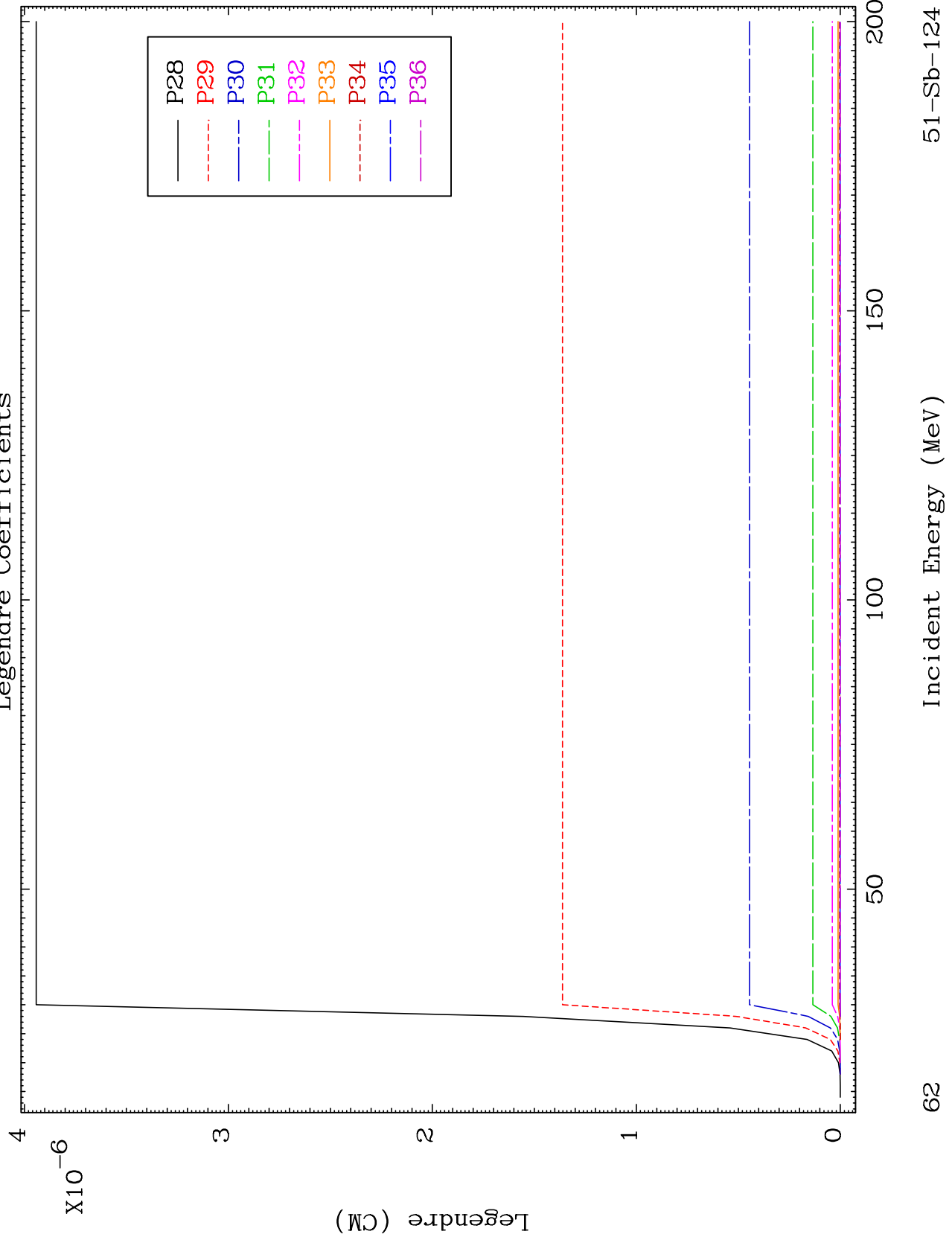
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

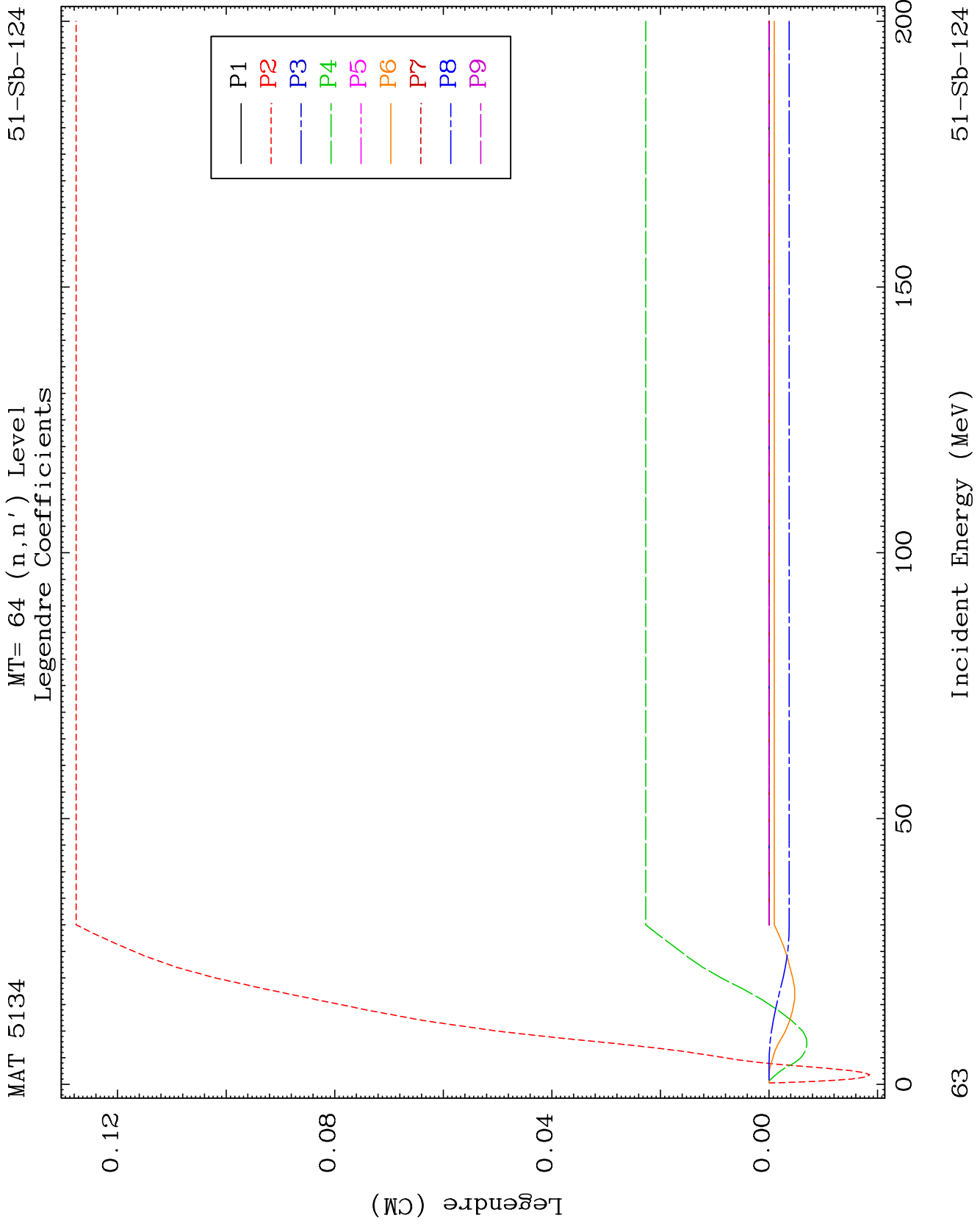
51-Sb-124



51-Sb-124

Incident Energy (MeV)

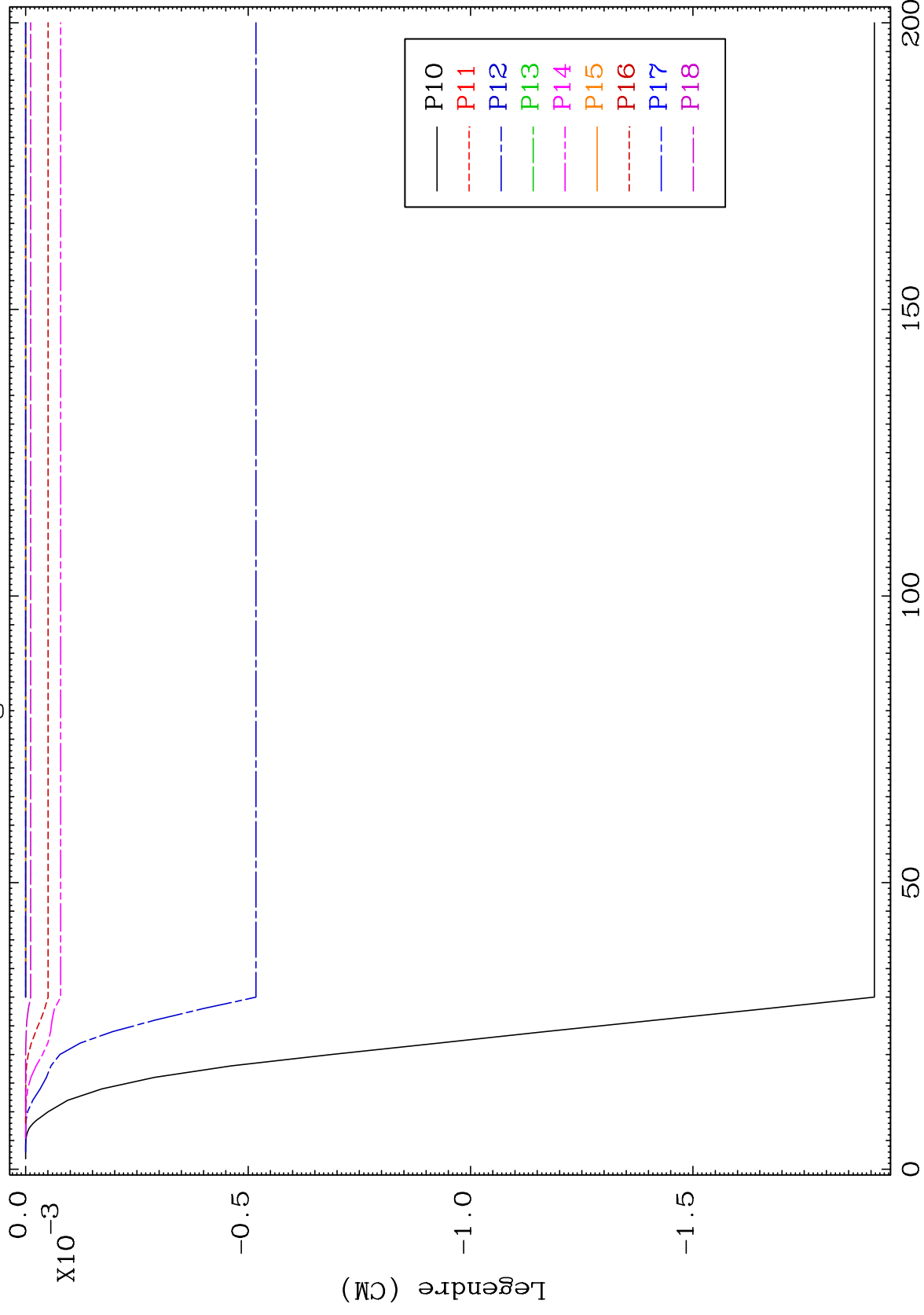
62



MAT 5134

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

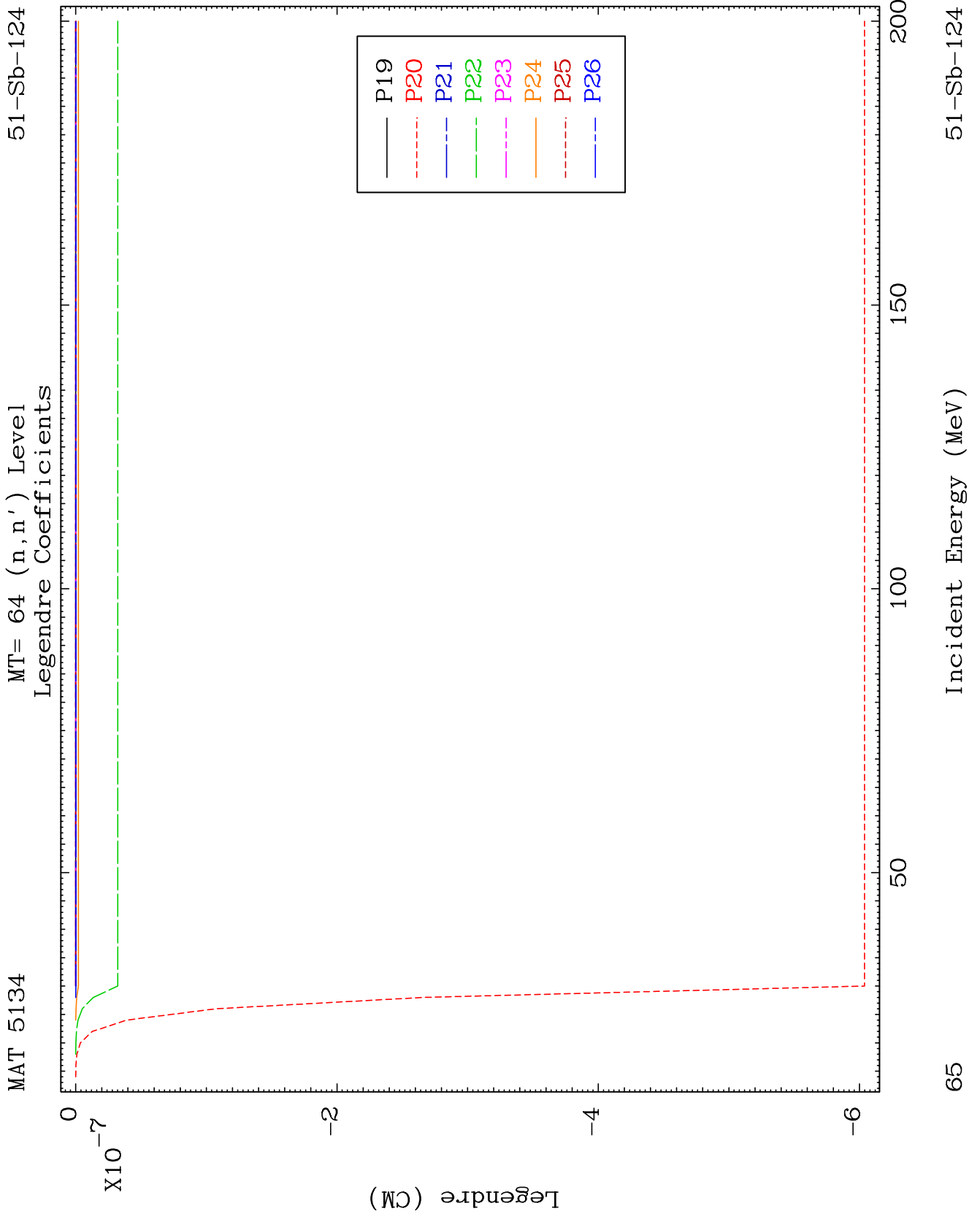
51-Sb-124



64

Incident Energy (MeV)

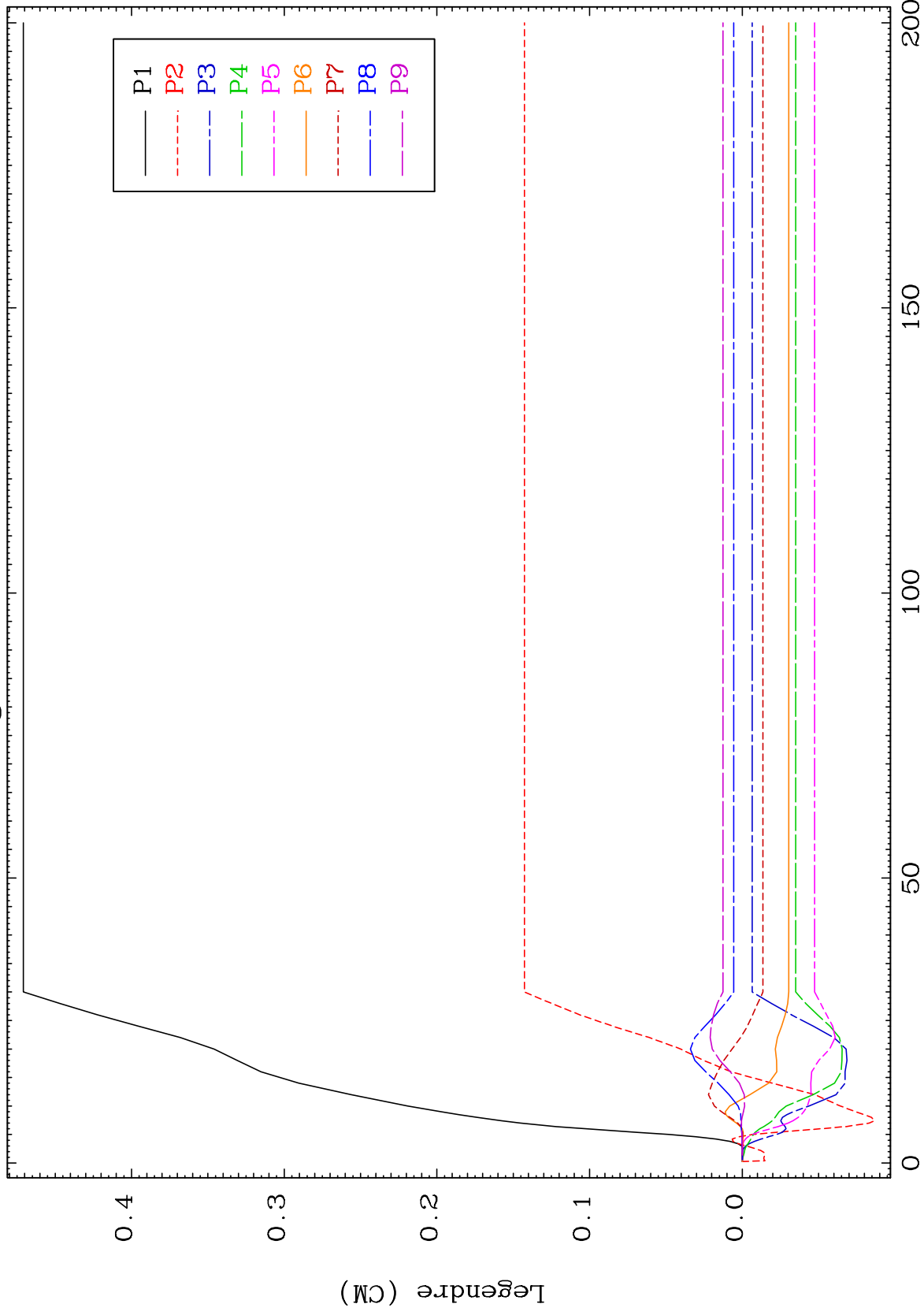
51-Sb-124



MAT 5134

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

51-Sb-124



66

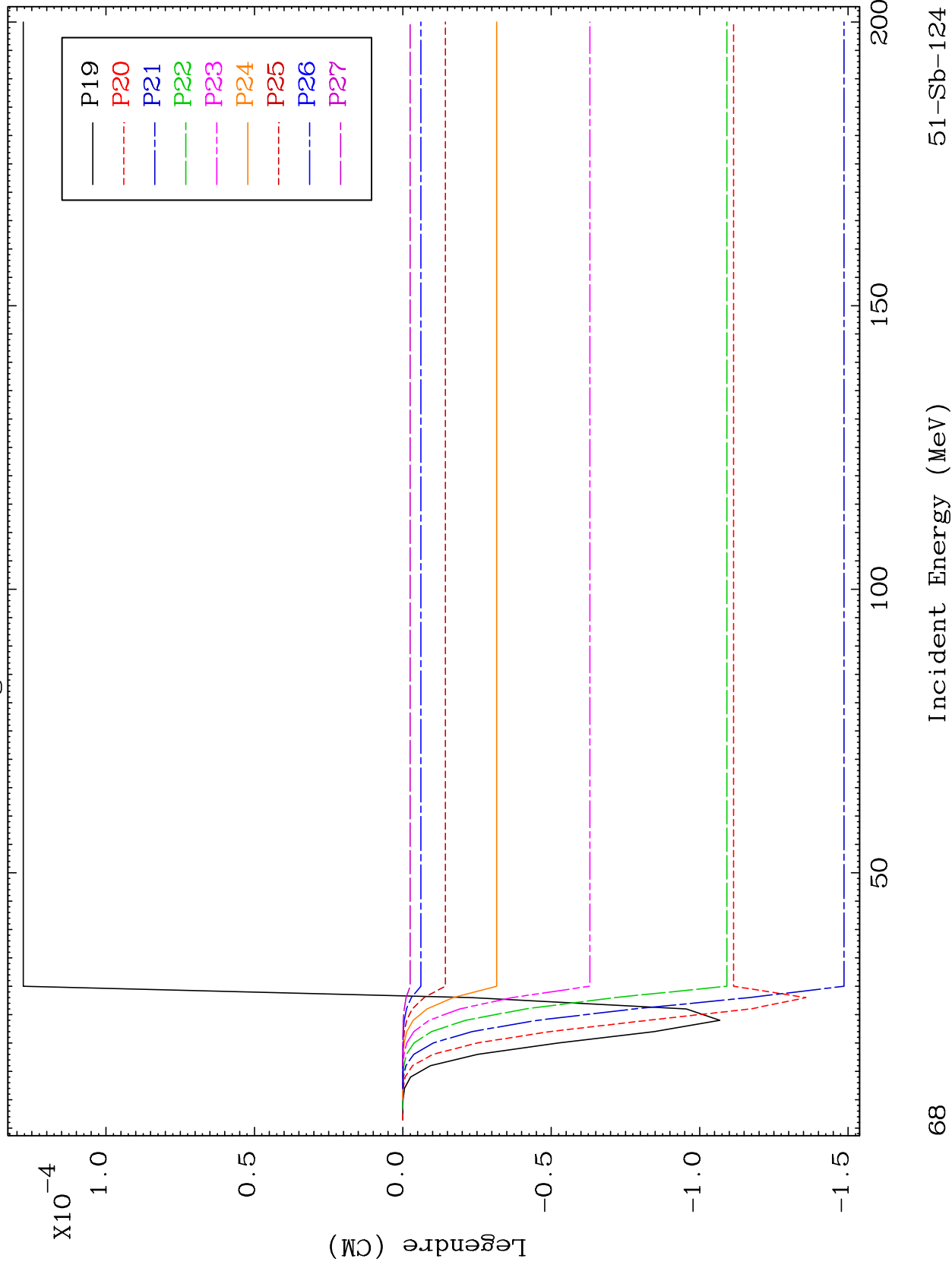
Incident Energy (MeV)

51-Sb-124

MAT 5134

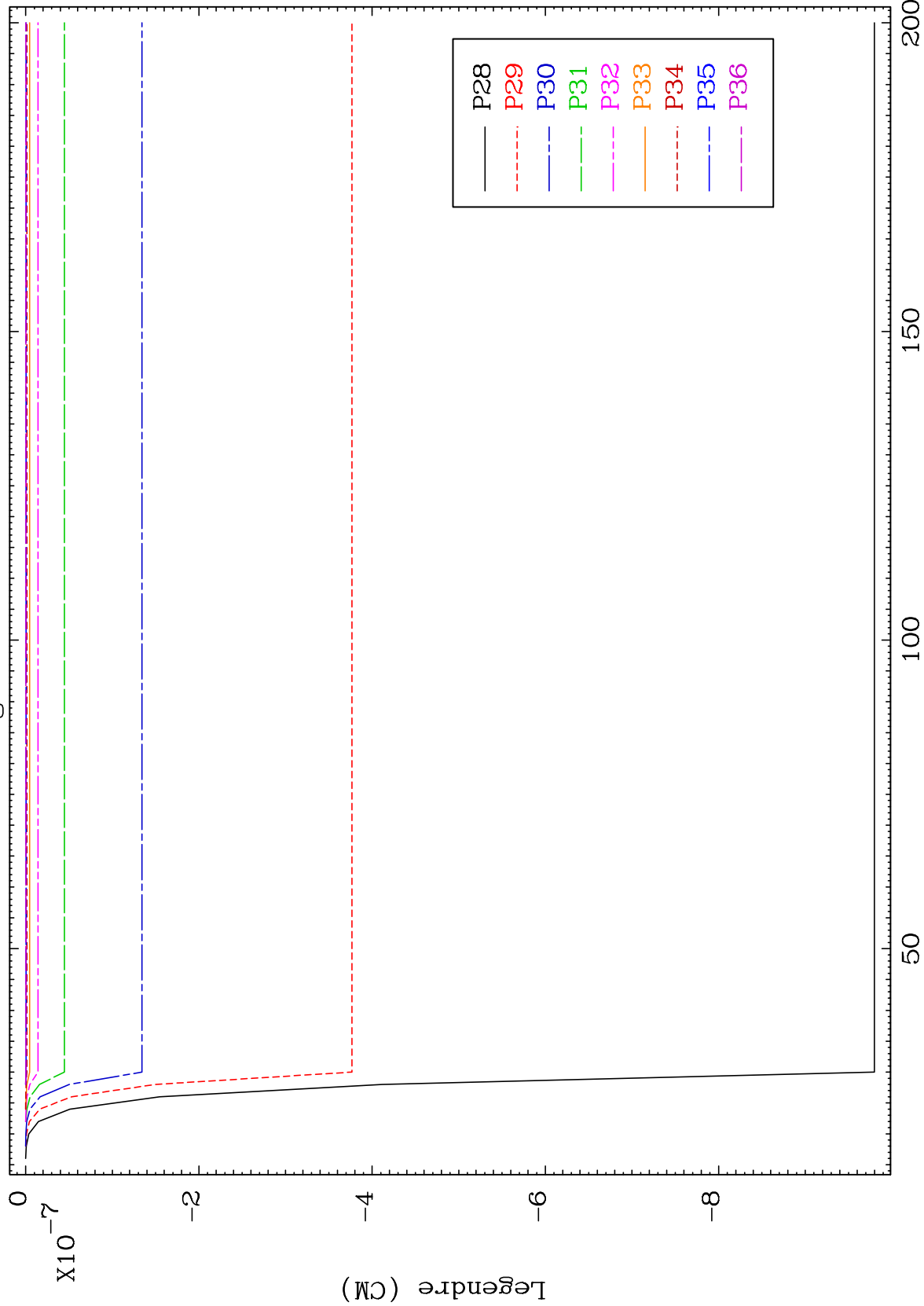
MT= 65 (n,n') Level
Legendre Coefficients

51-Sb-124



68

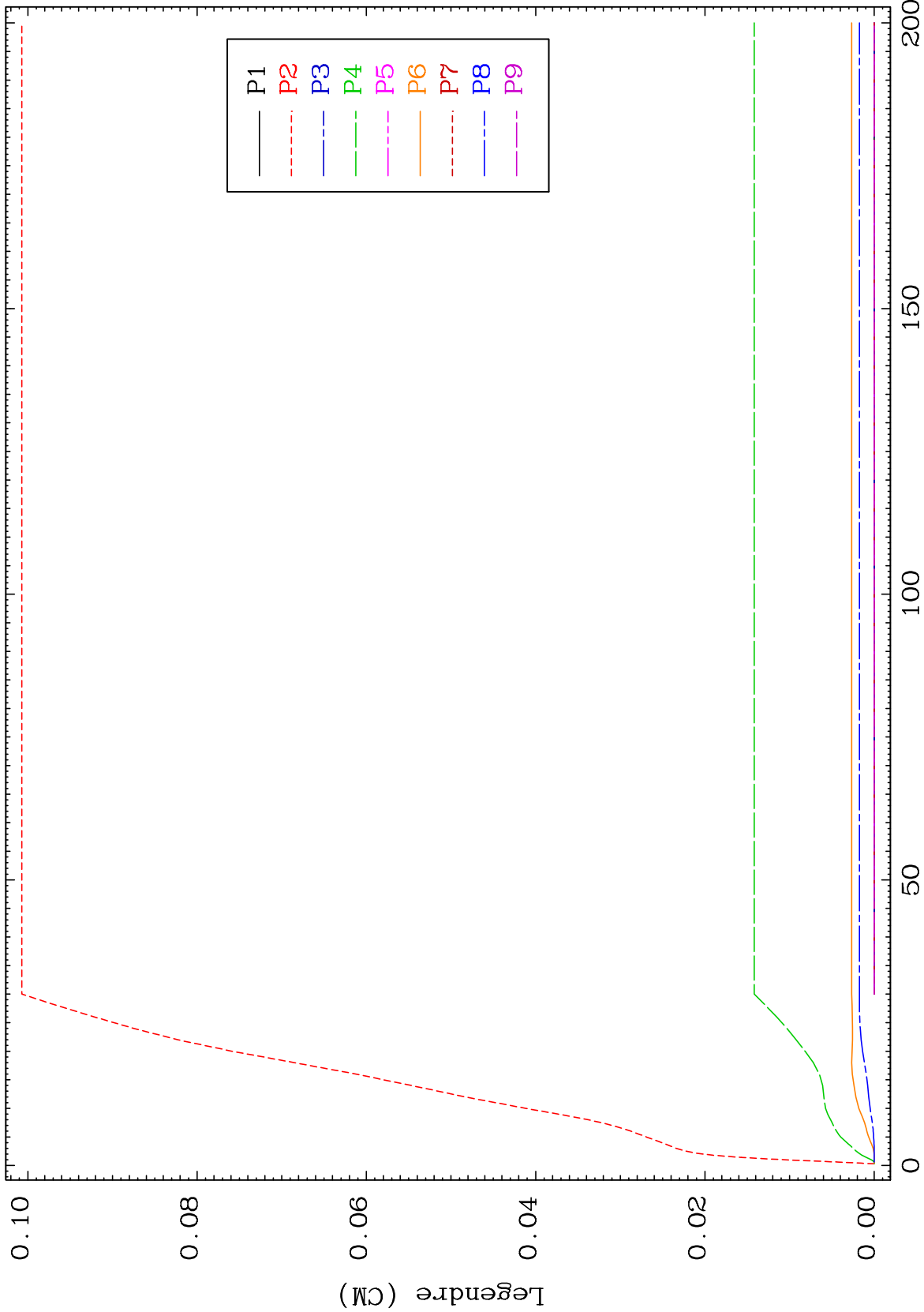
51-Sb-124



MAT 5134

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

51-Sb-124



51-Sb-124

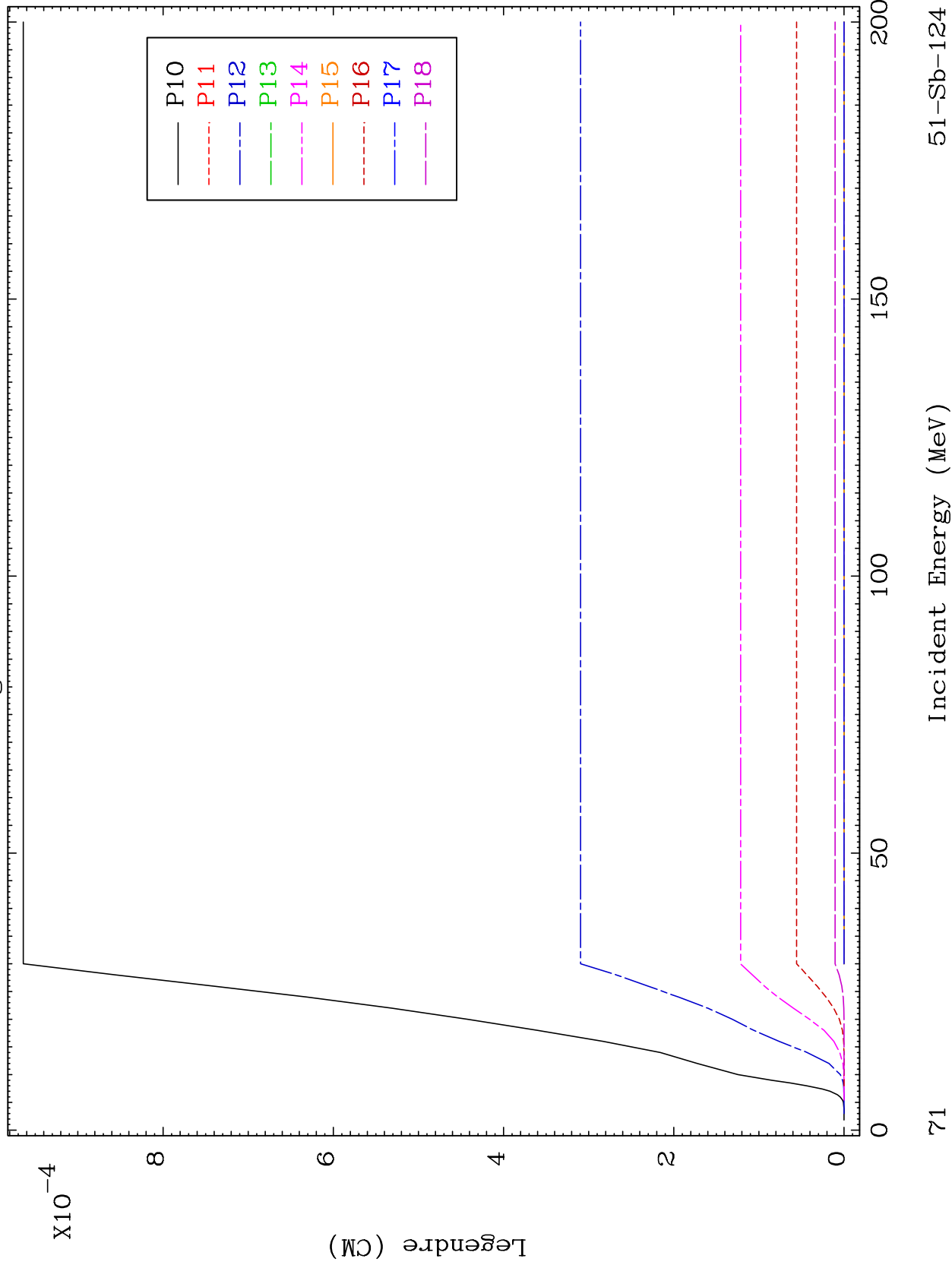
Incident Energy (MeV)

70

MAT 5134

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

51-Sb-124



71

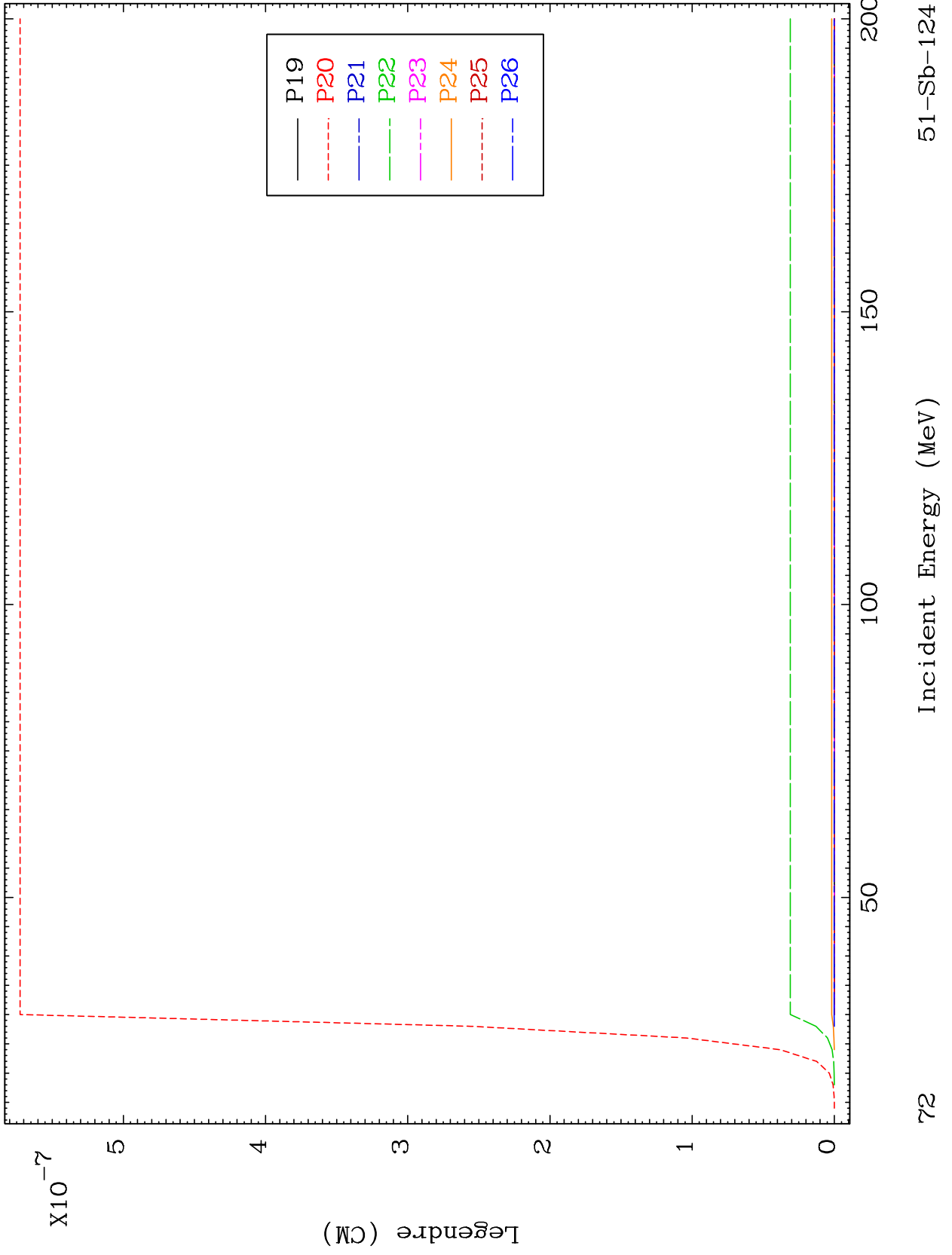
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124

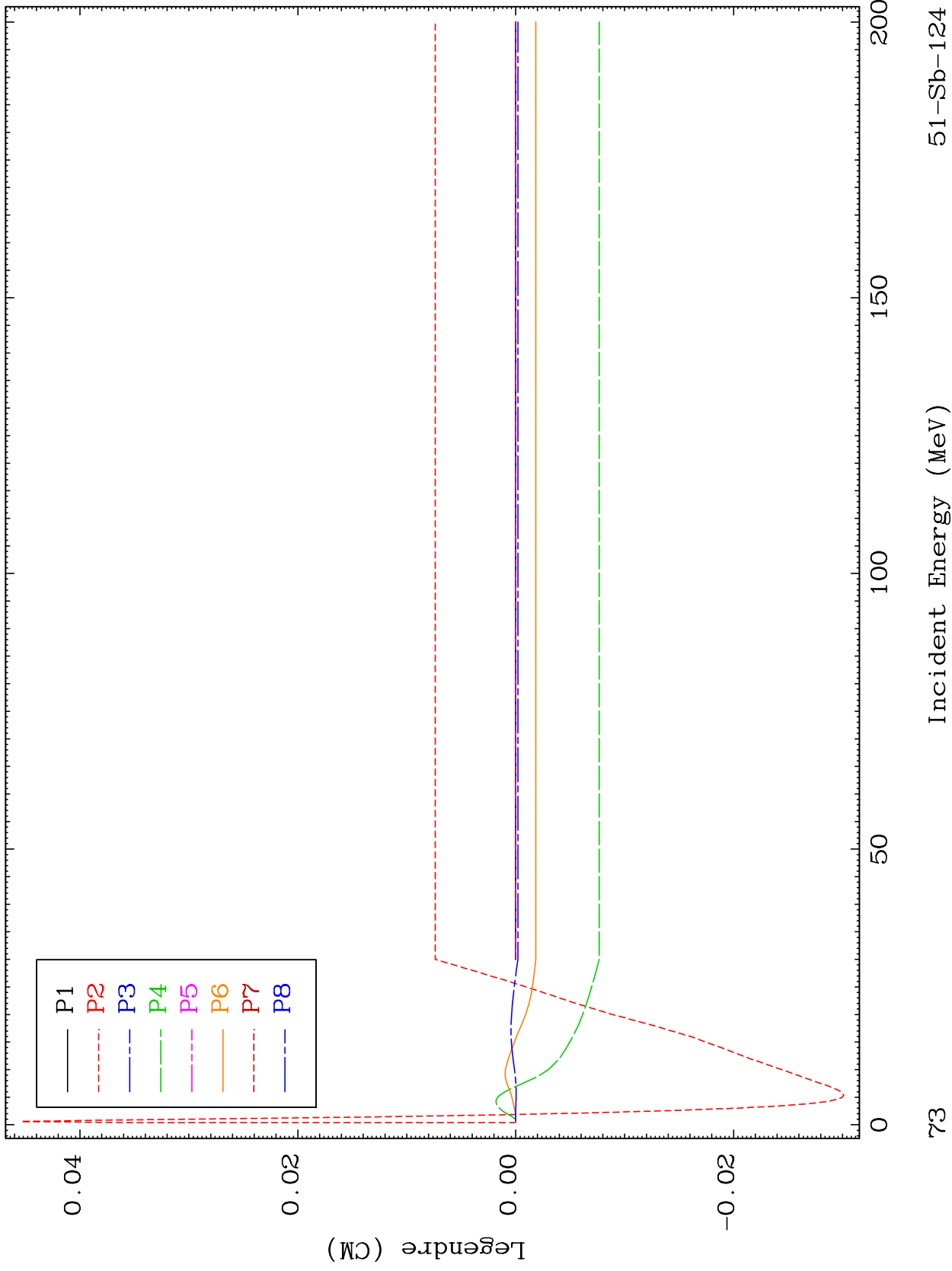


72

MAT 5134

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

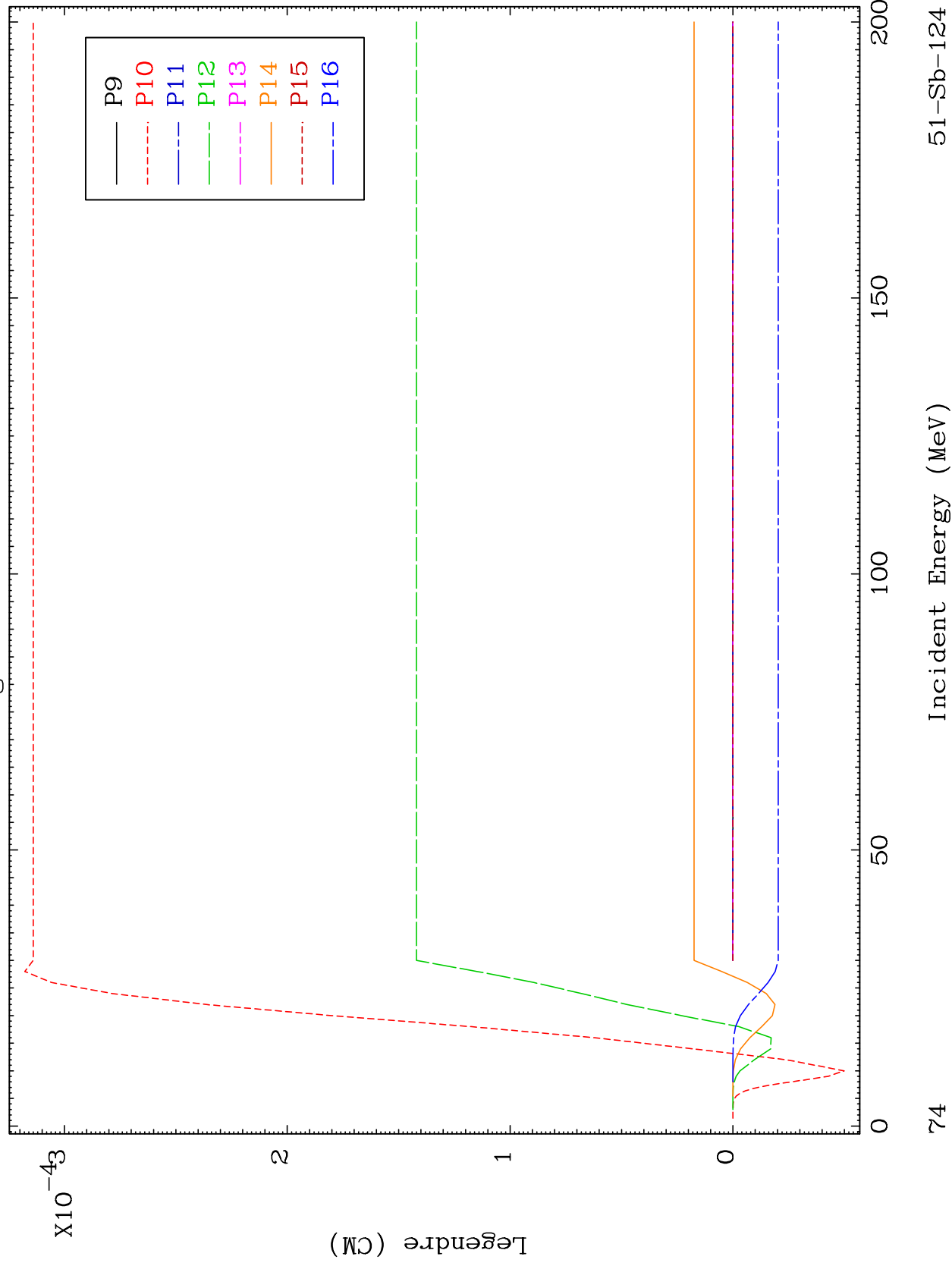
51-Sb-124



MAT 5134

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

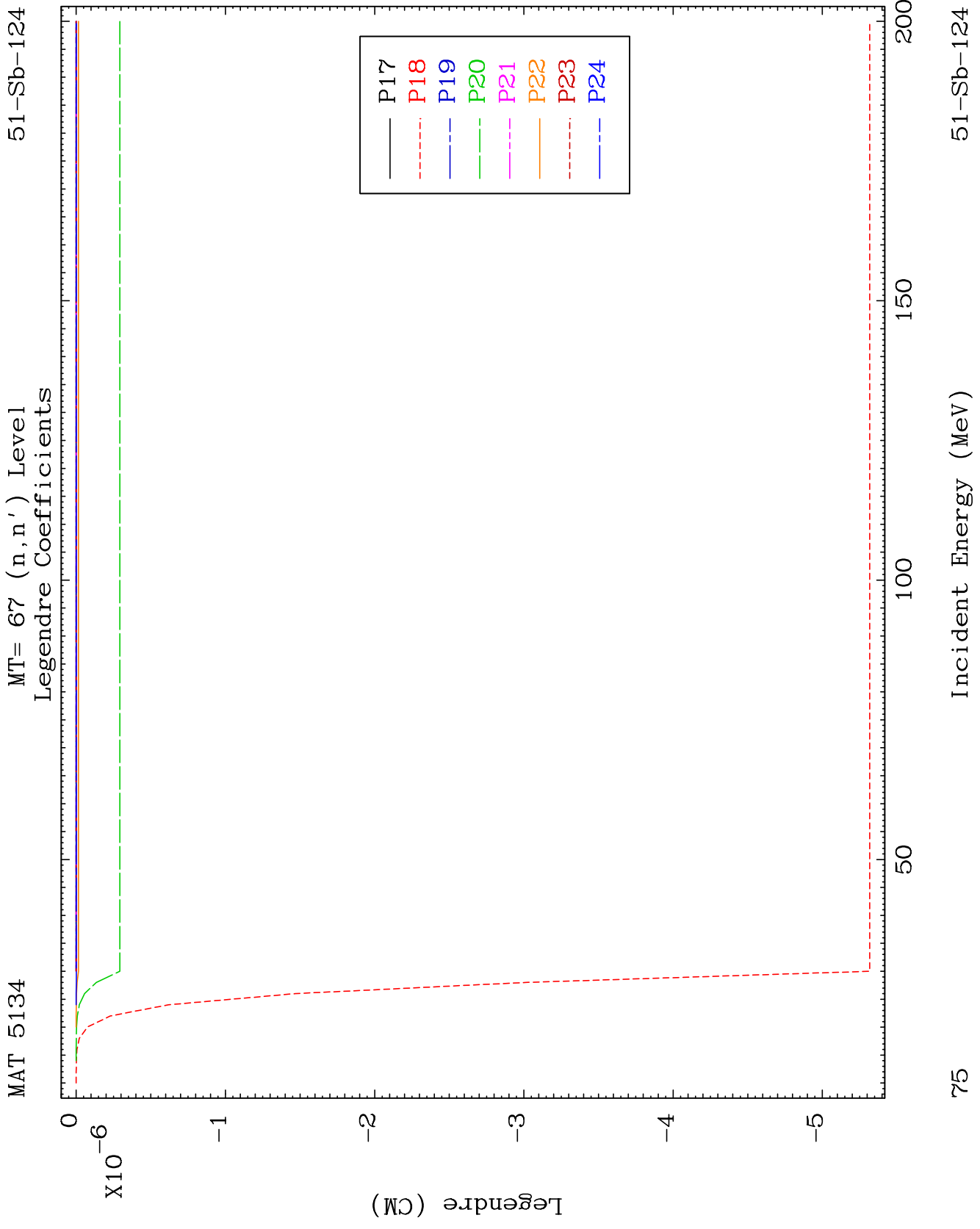
51-Sb-124



74

Incident Energy (MeV)

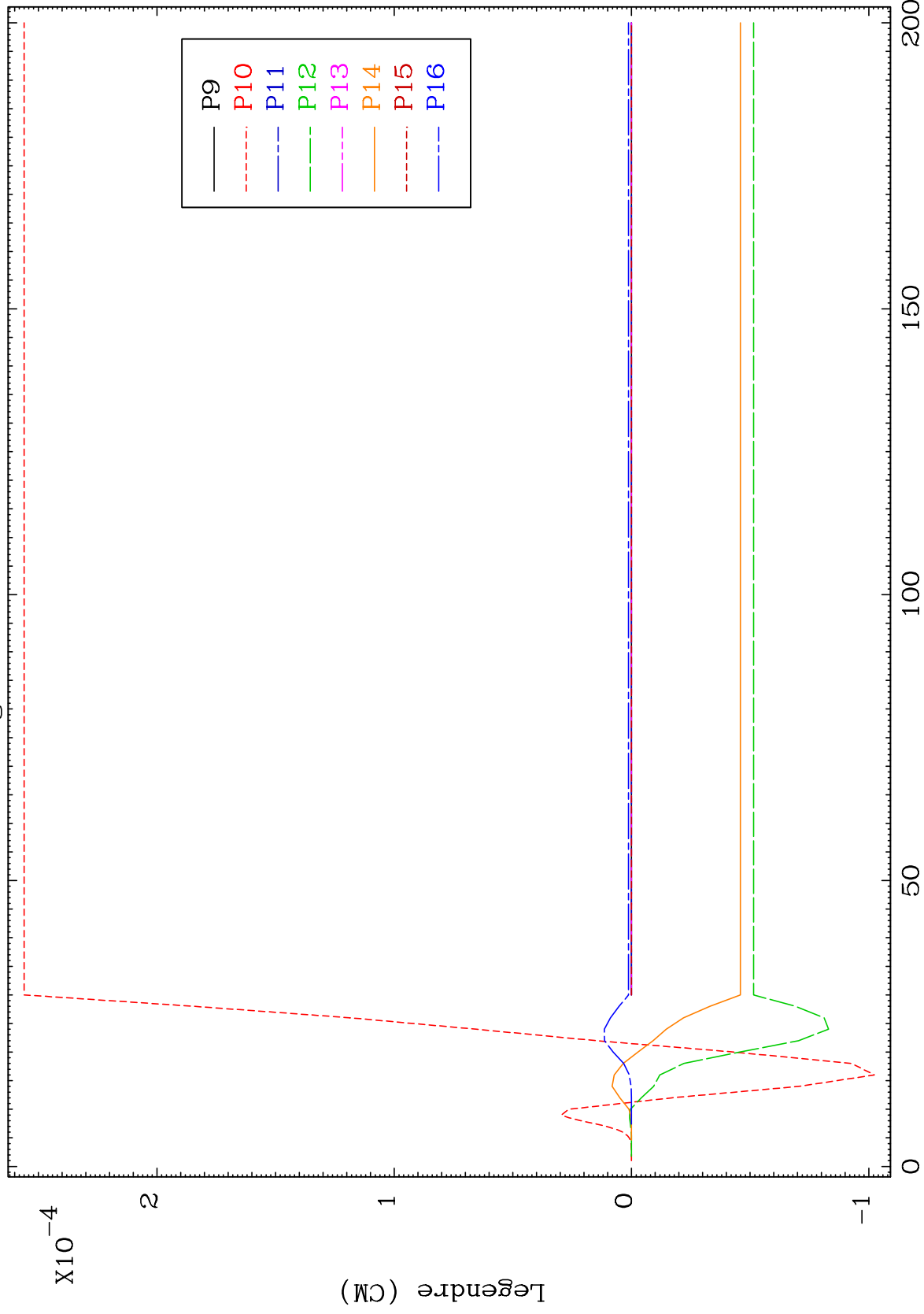
51-Sb-124



MAT 5134

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

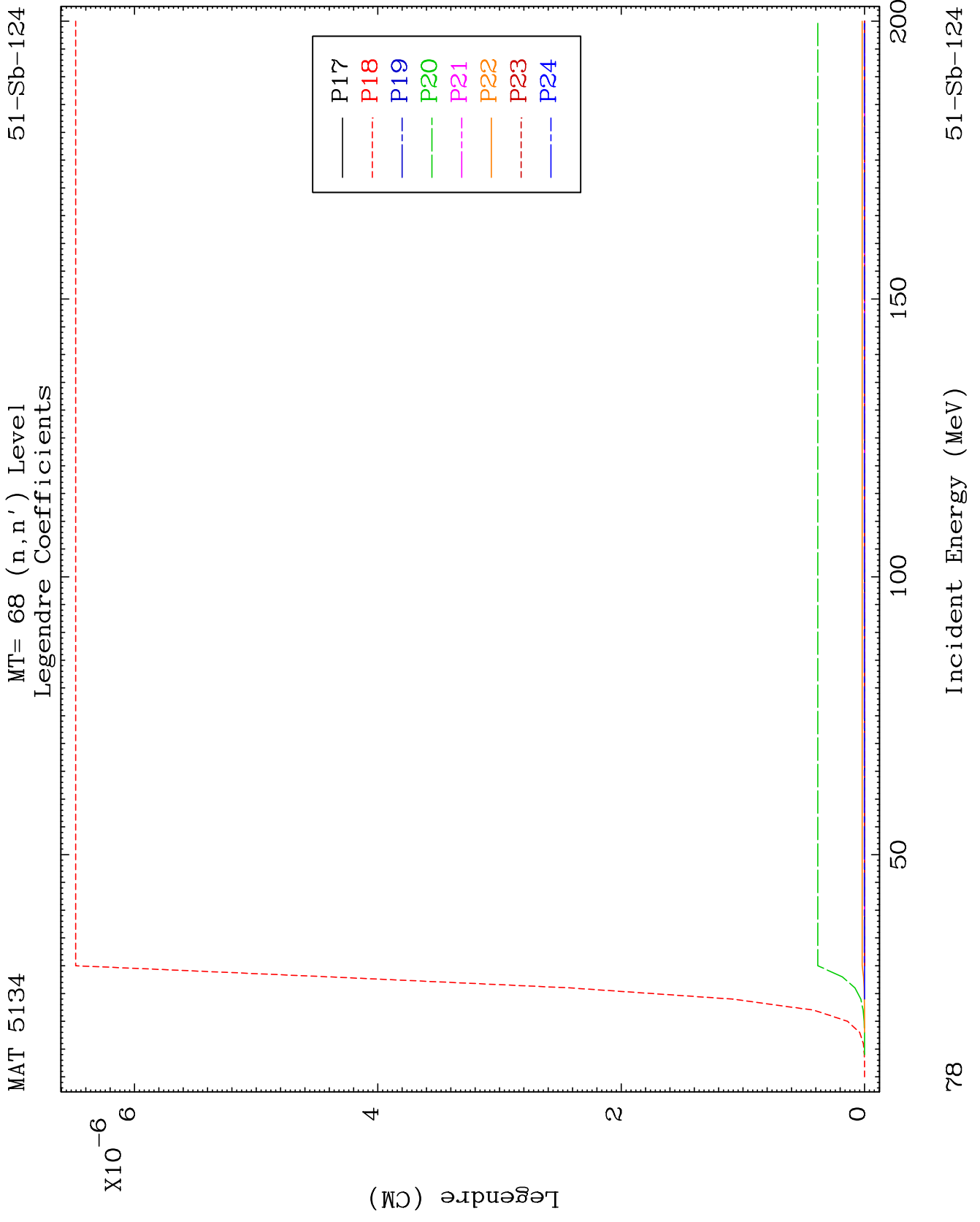
51-Sb-124



77

Incident Energy (MeV)

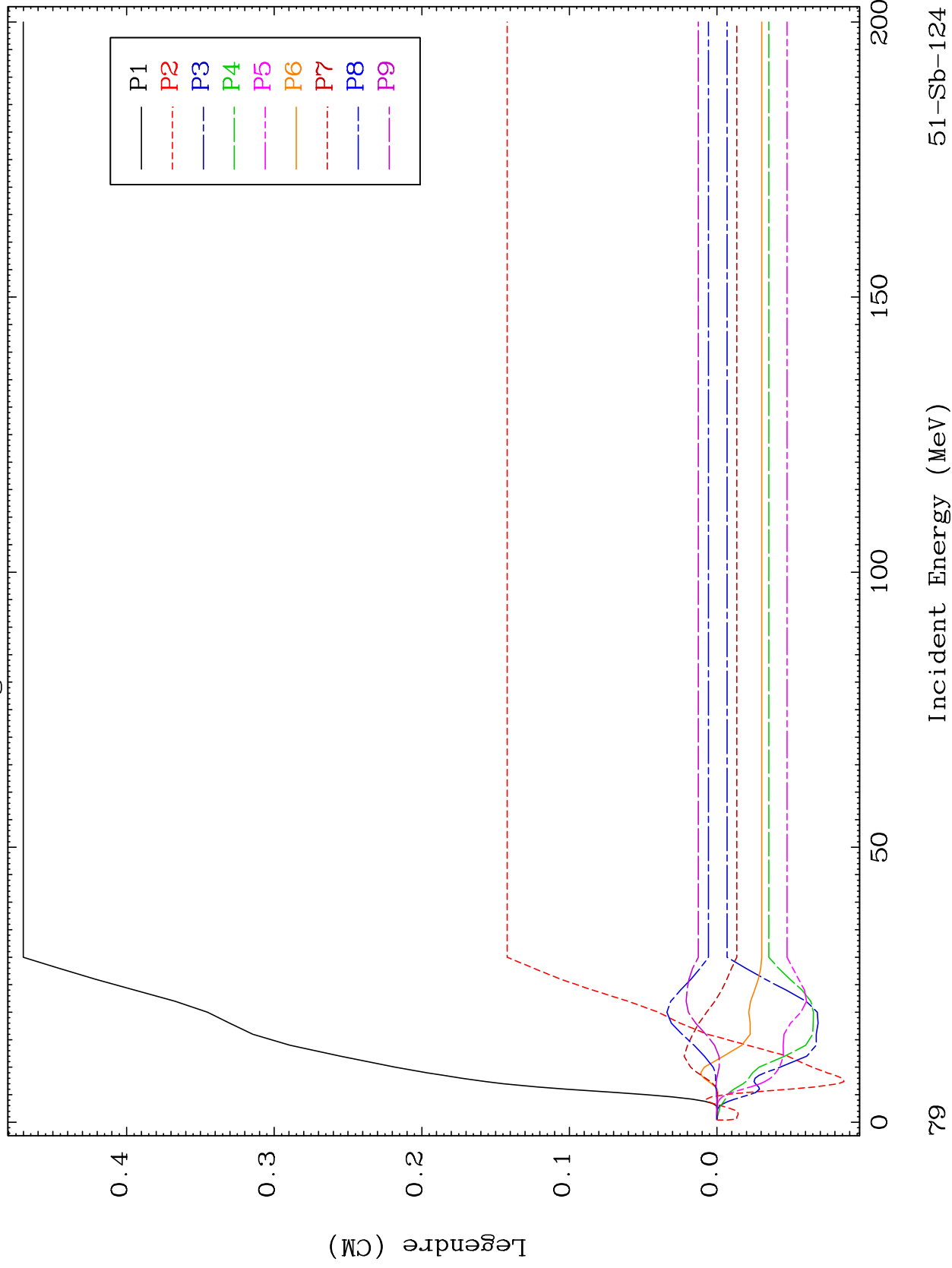
51-Sb-124



MAT 5134

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

51-Sb-124



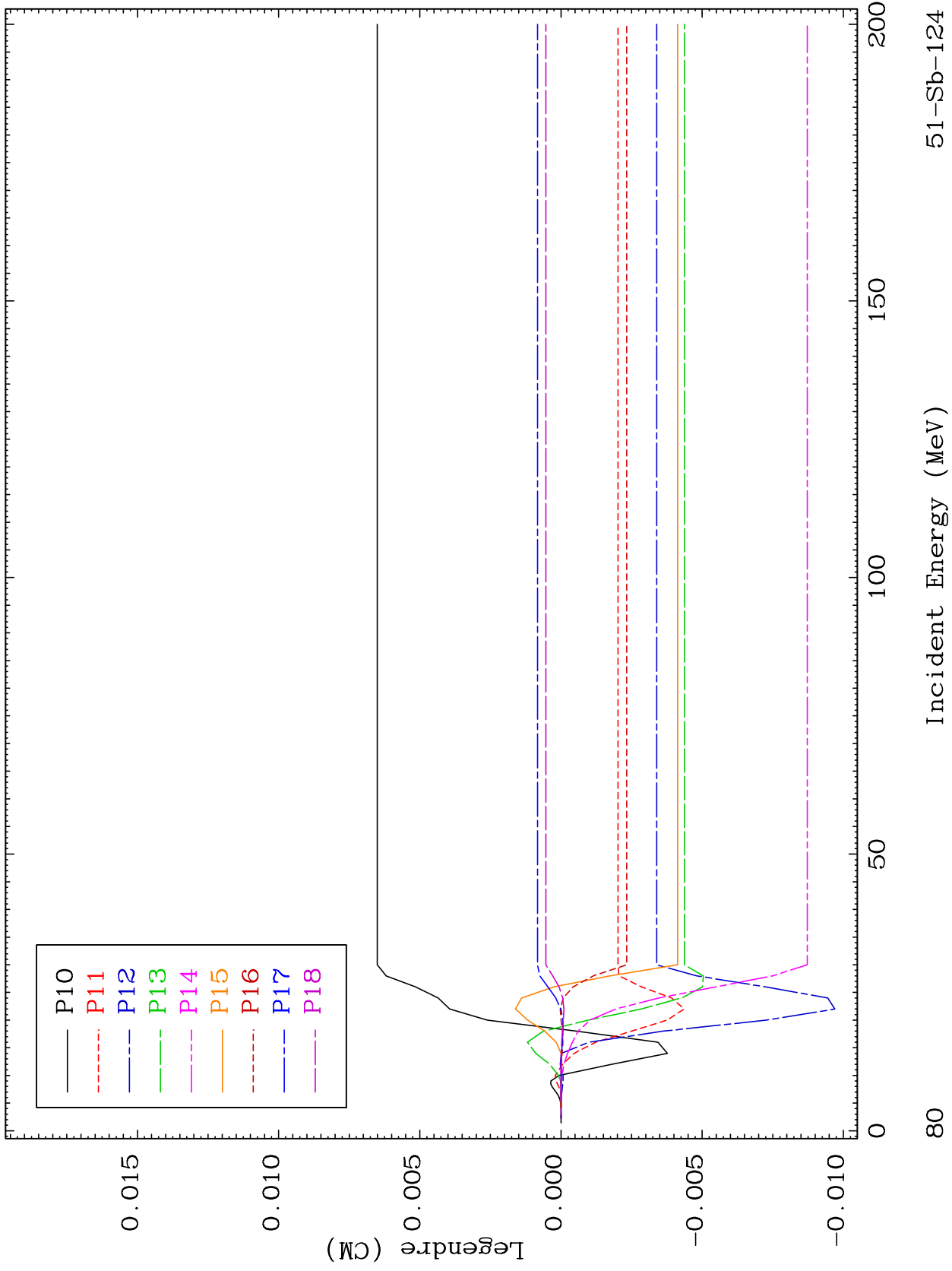
79

51-Sb-124

MAT 5134

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

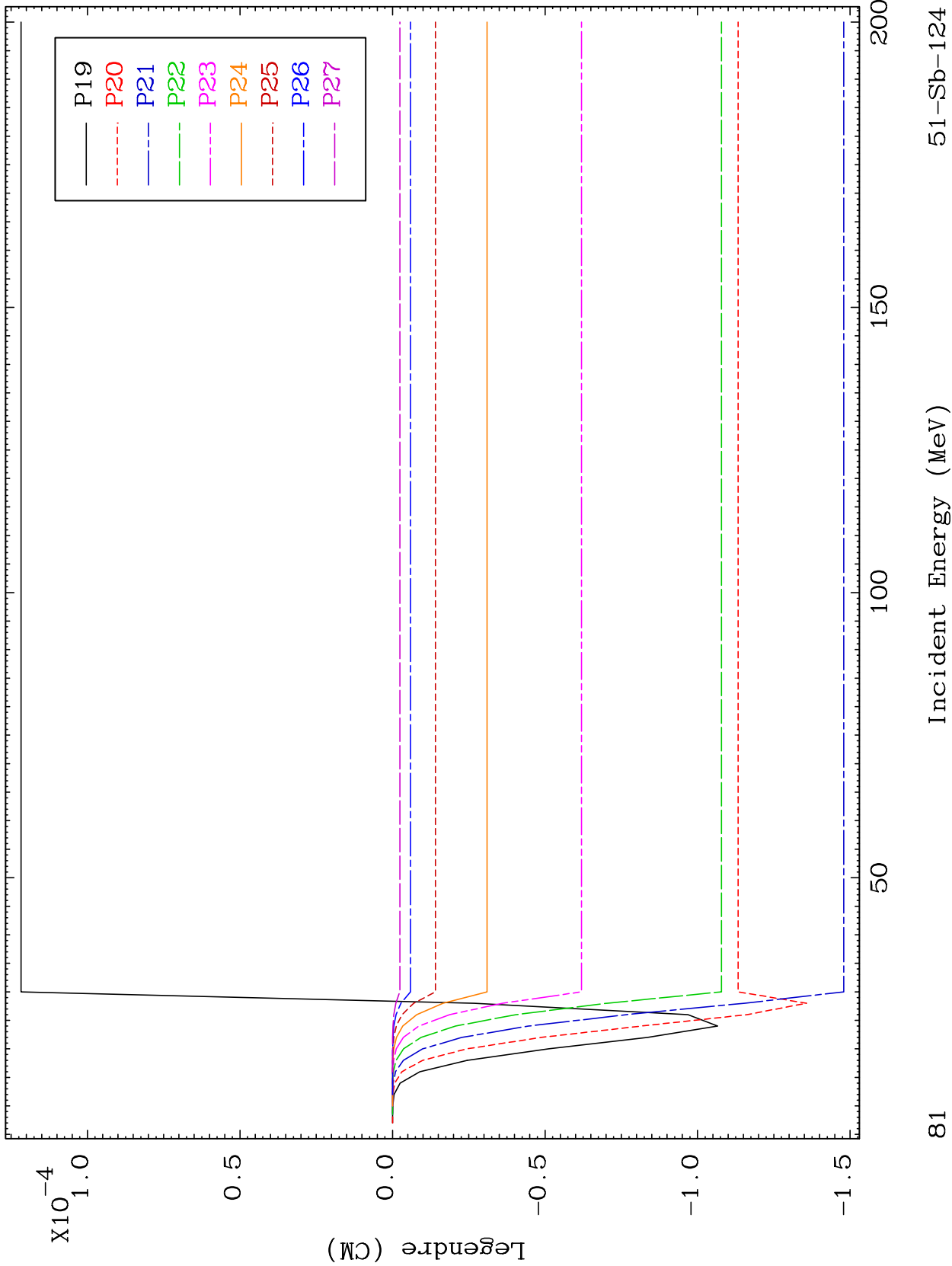
51-Sb-124

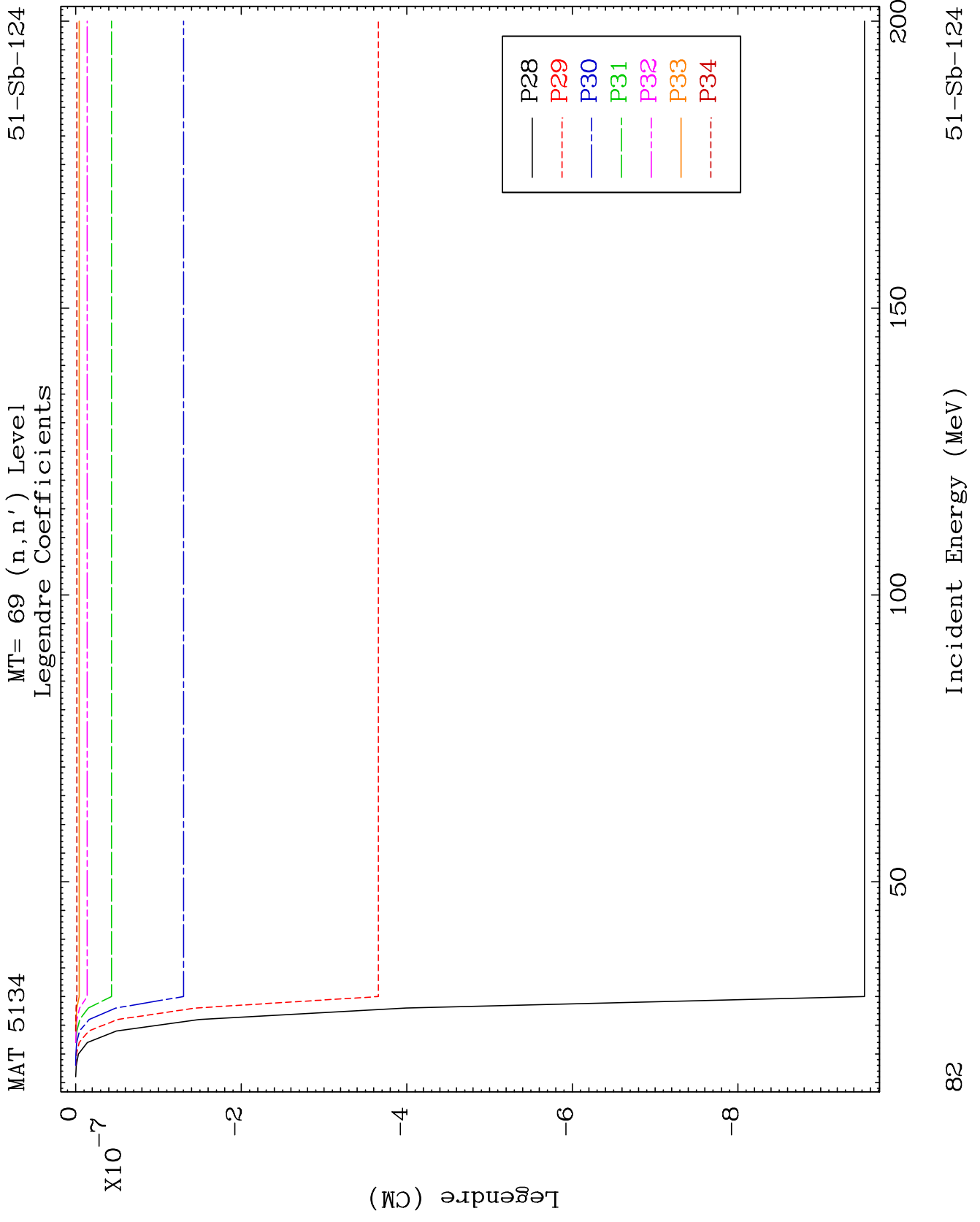


51-Sb-124

Incident Energy (MeV)

80

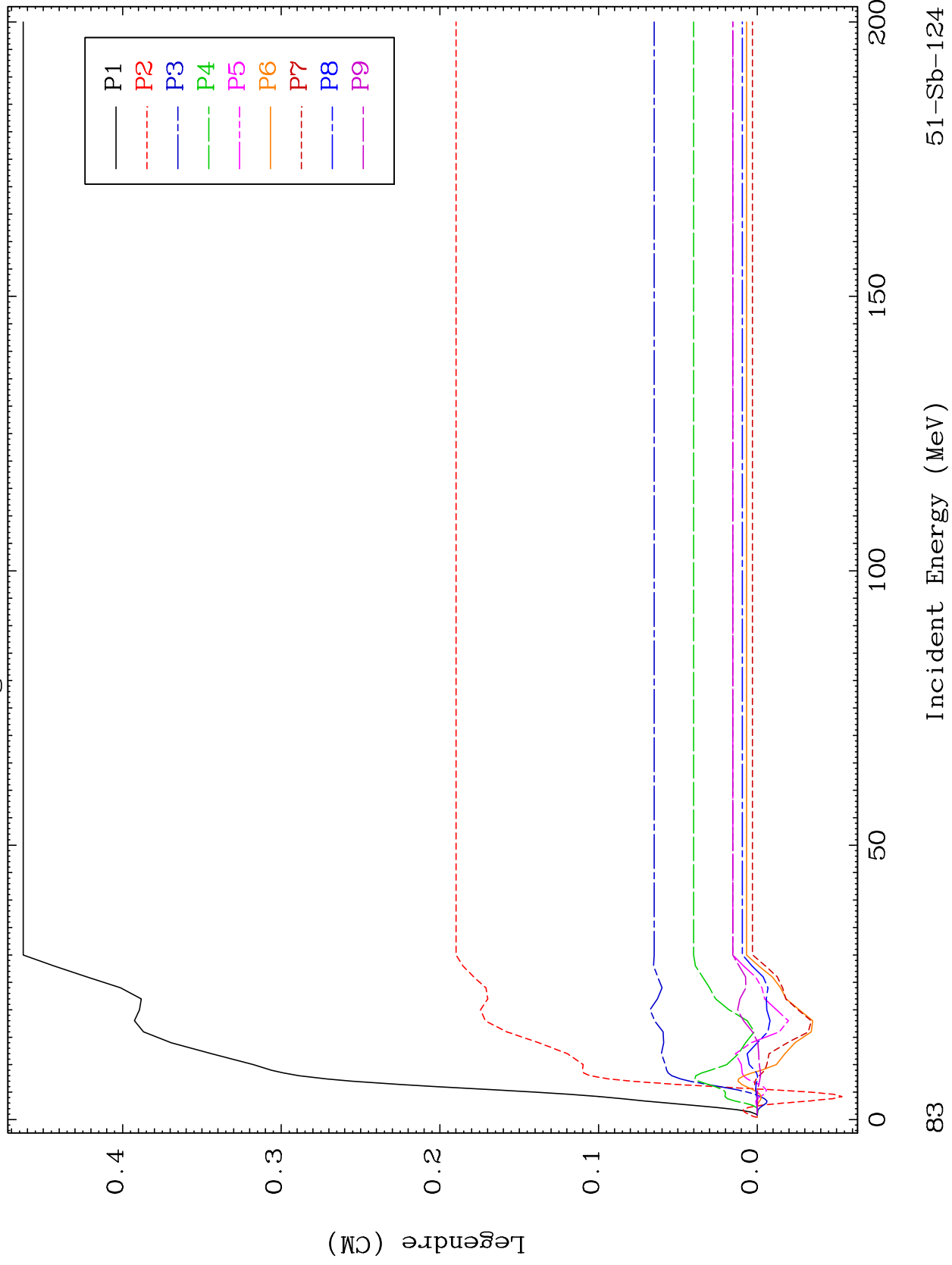




MAT 5134

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

51-Sb-124



83

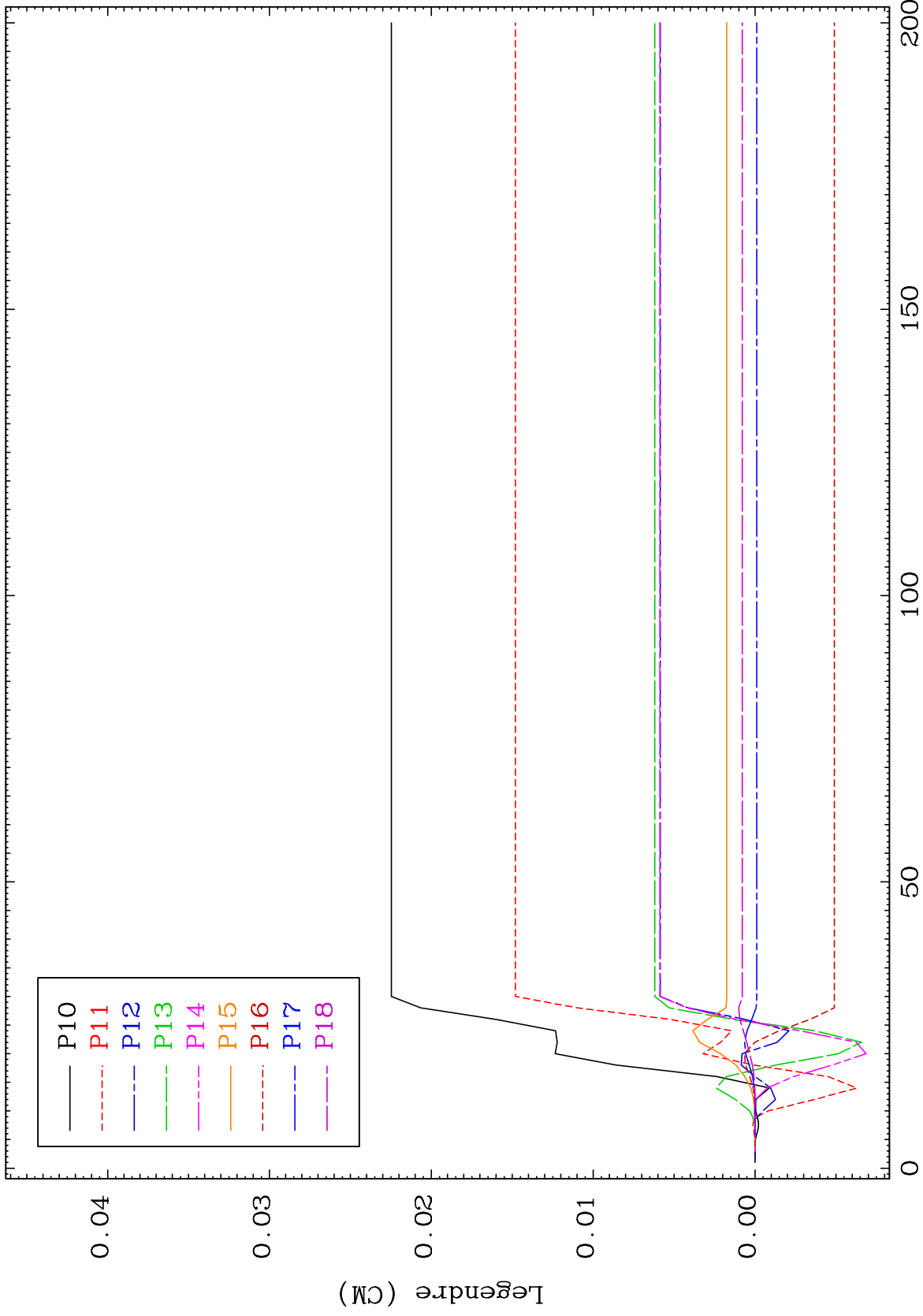
Incident Energy (MeV)

51-Sb-124

MAT 5134

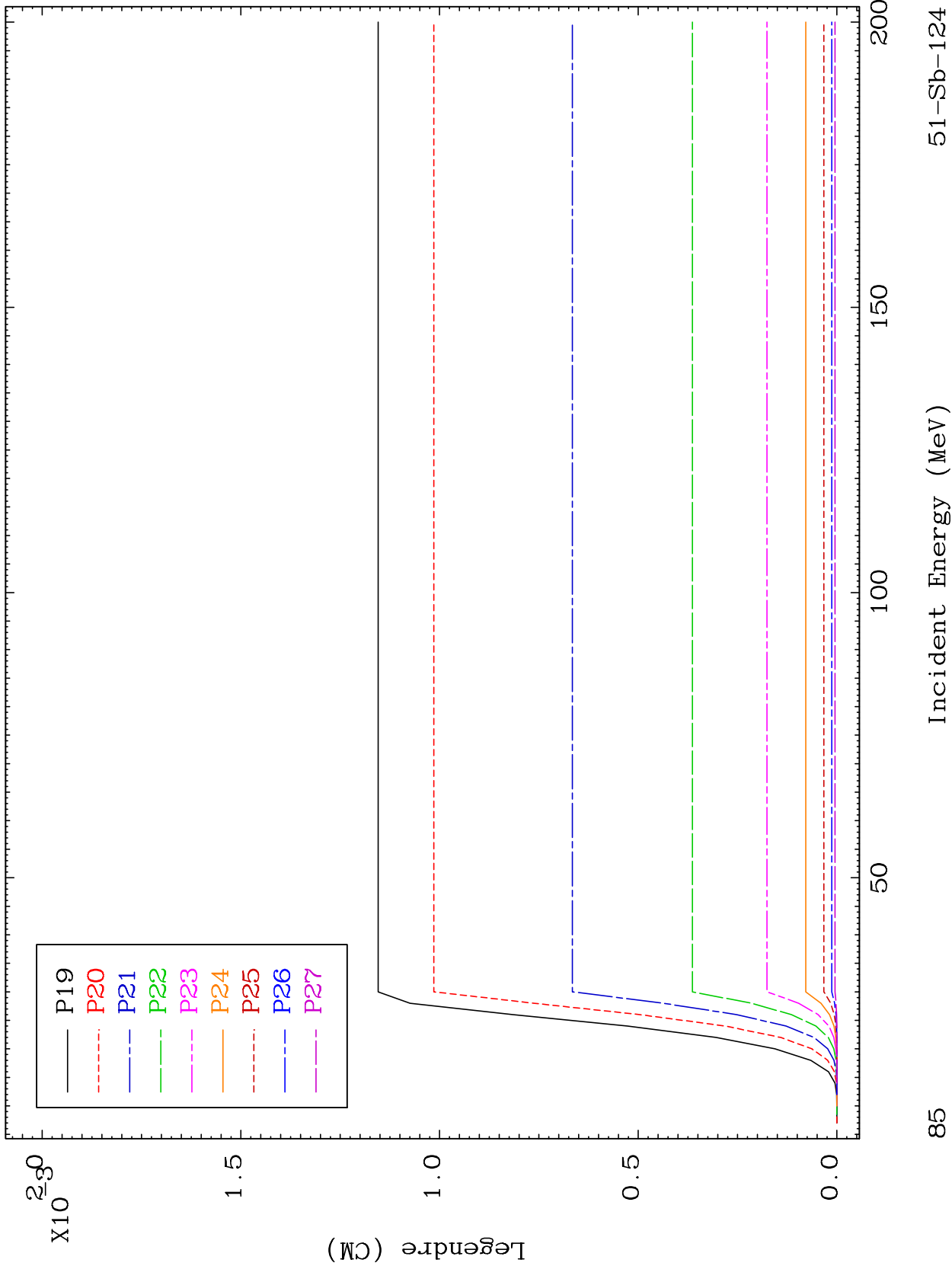
MT= 70 (n,n') Level
Legendre Coefficients

51-Sb-124



84

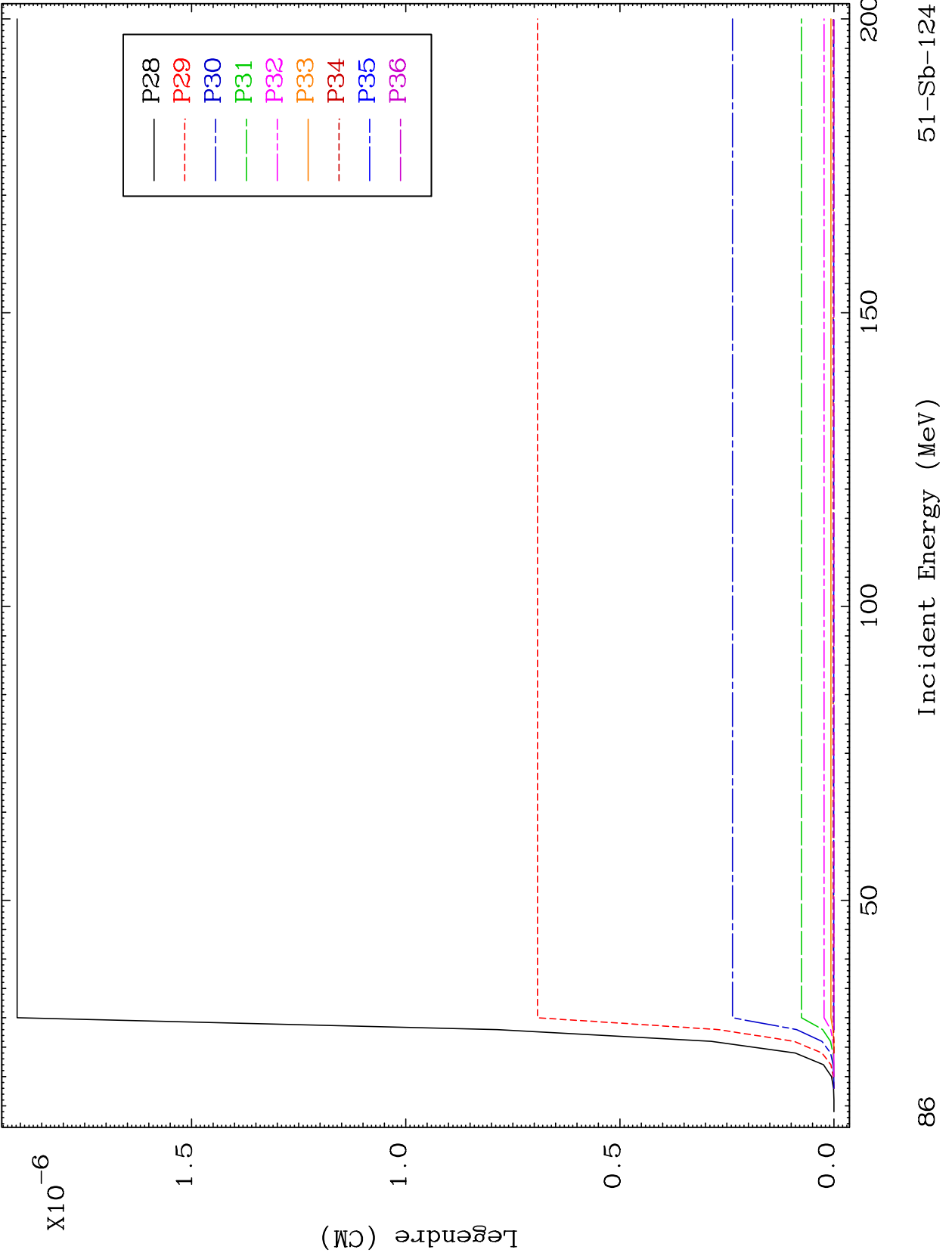
51-Sb-124



MAT 5134

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

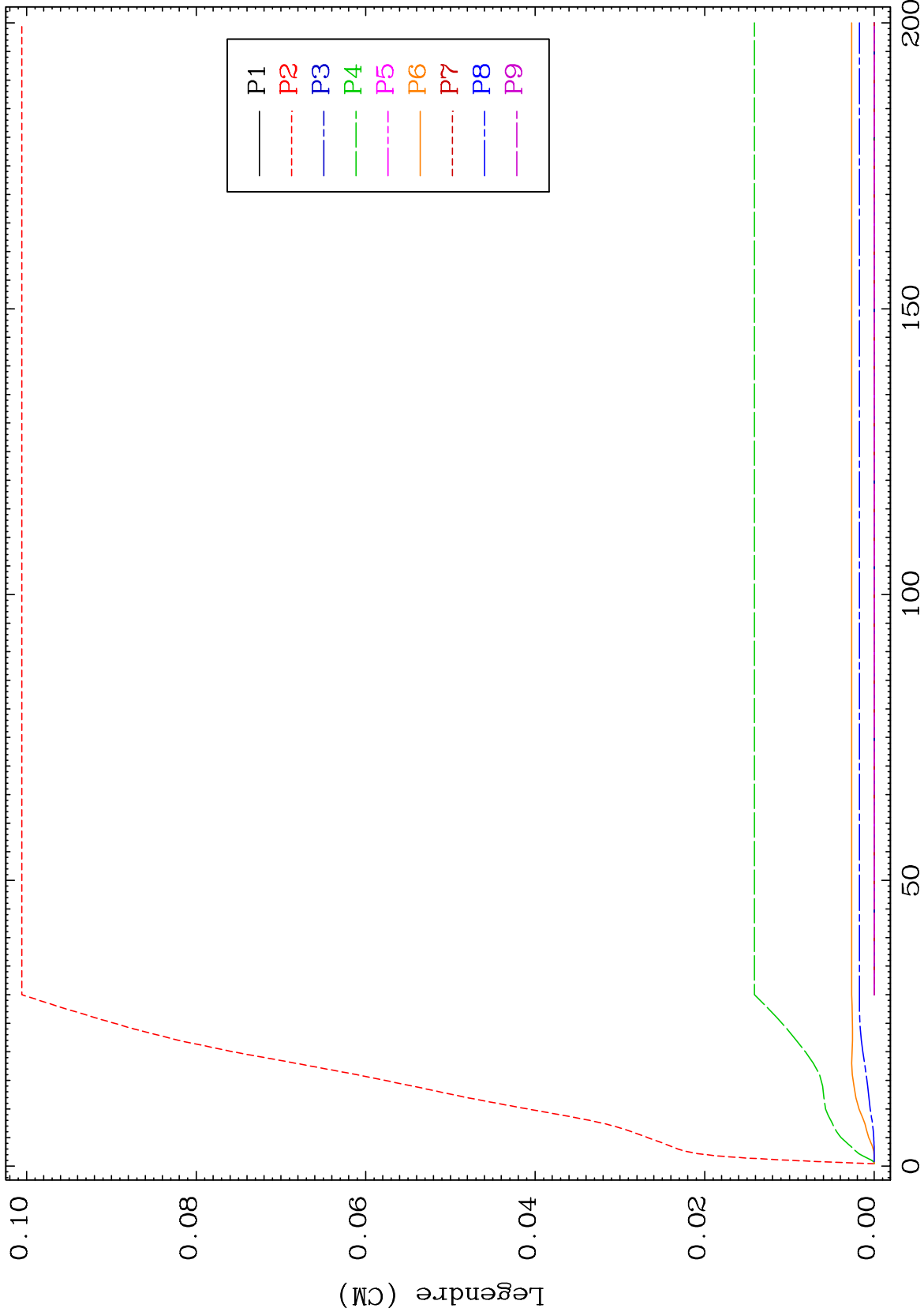
51-Sb-124



MAT 5134

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

51-Sb-124



87

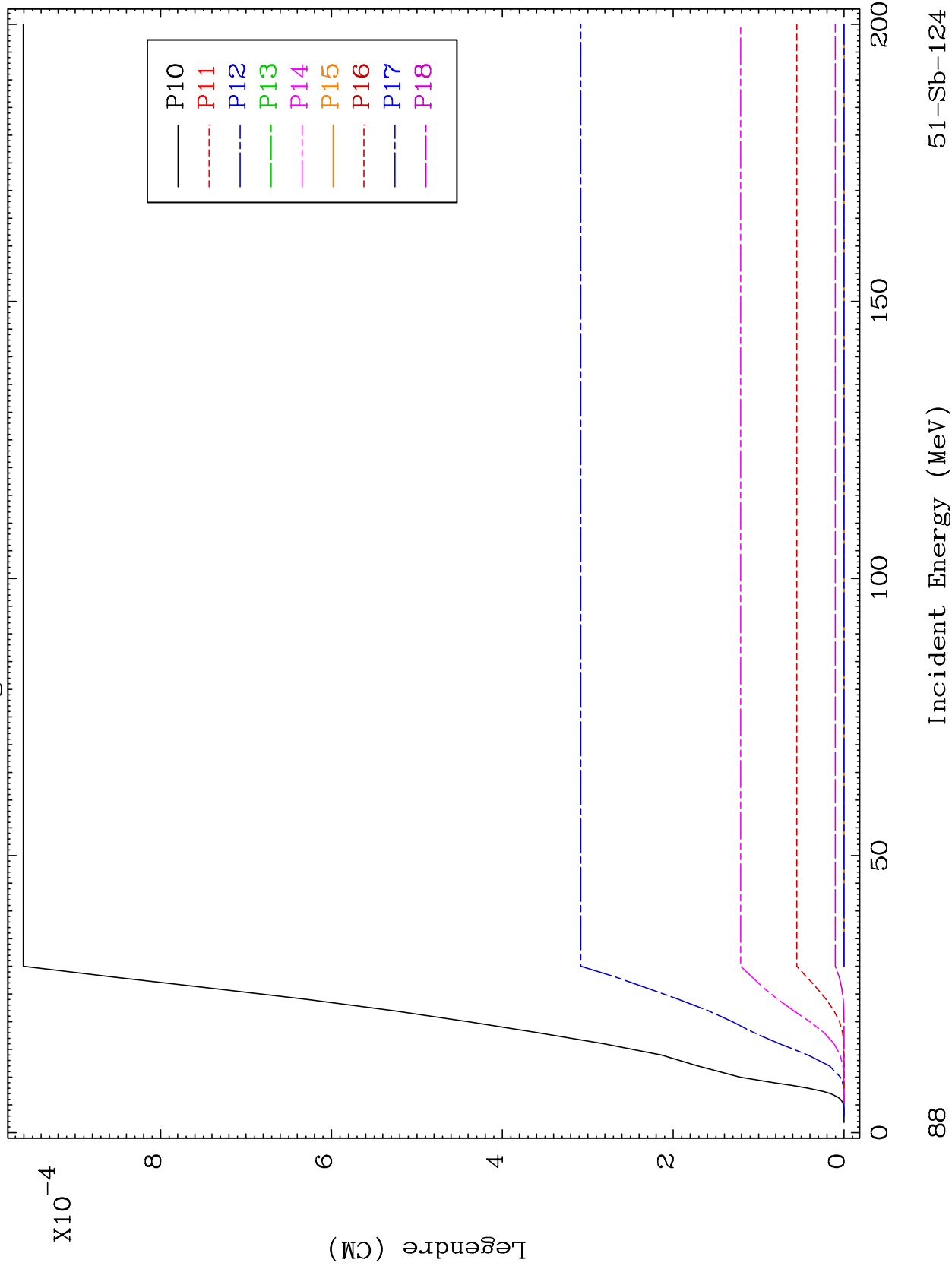
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



88

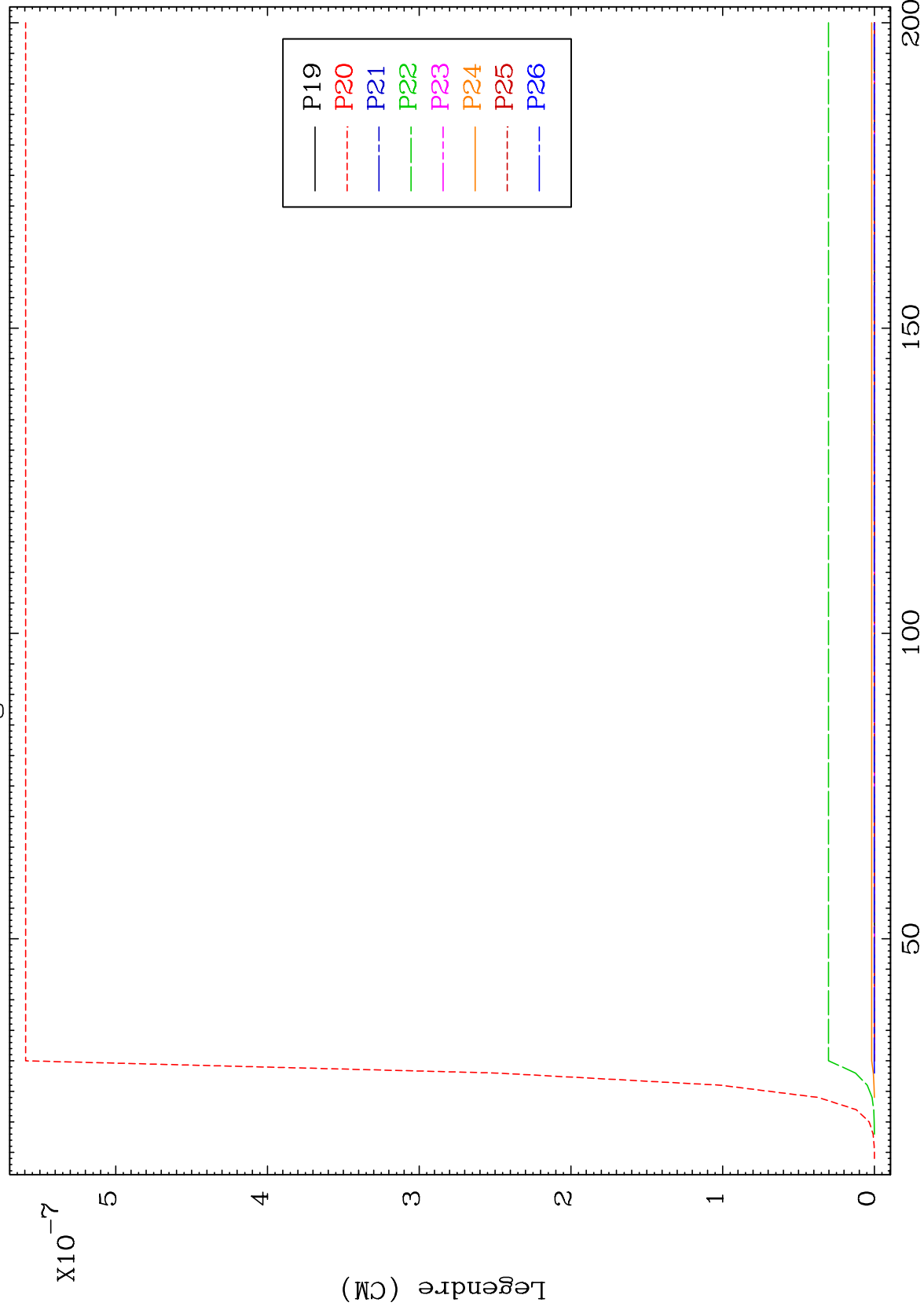
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



89

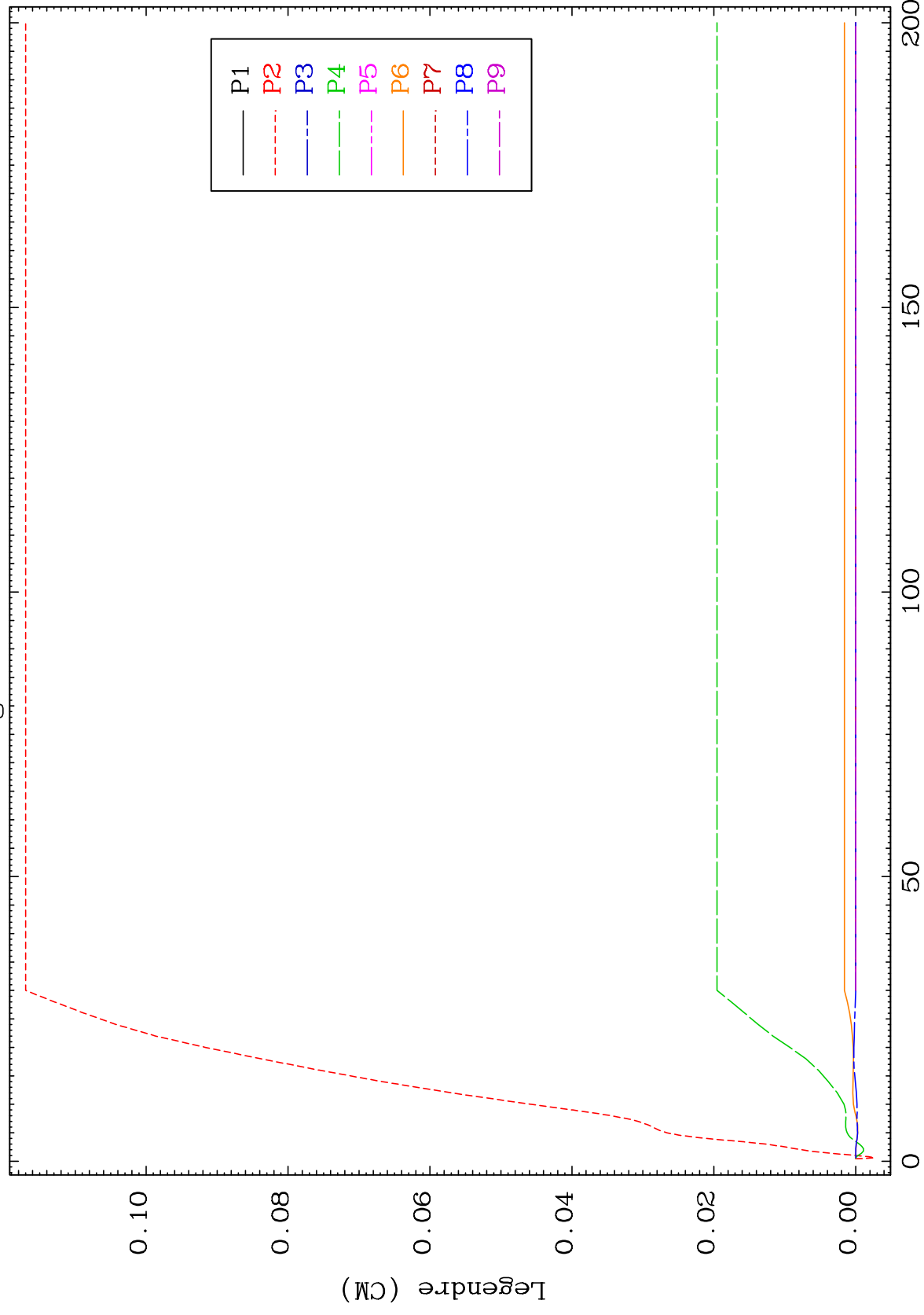
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



51-Sb-124

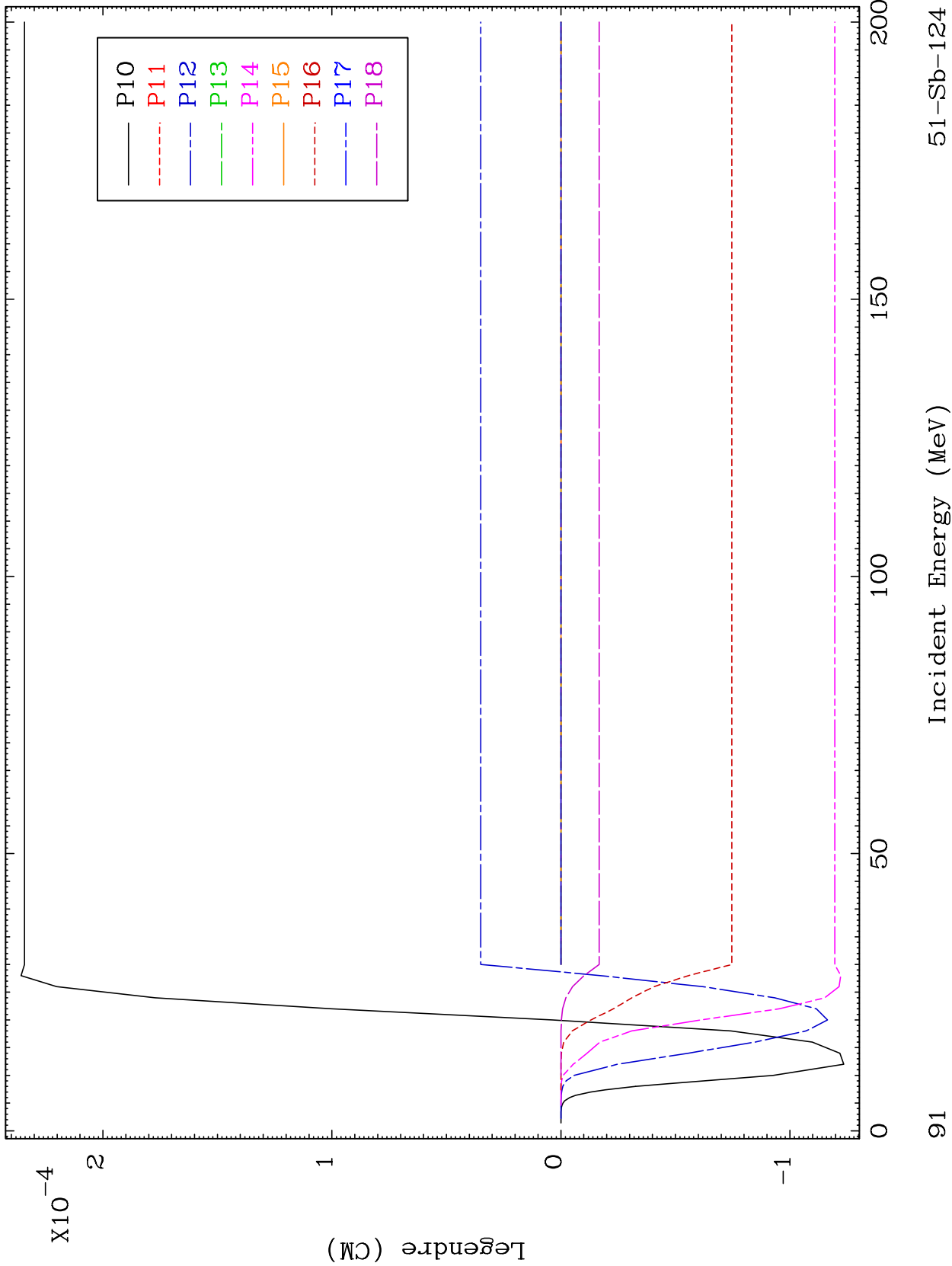
Incident Energy (MeV)

90

MAT 5134

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

51-Sb-124



51-Sb-124

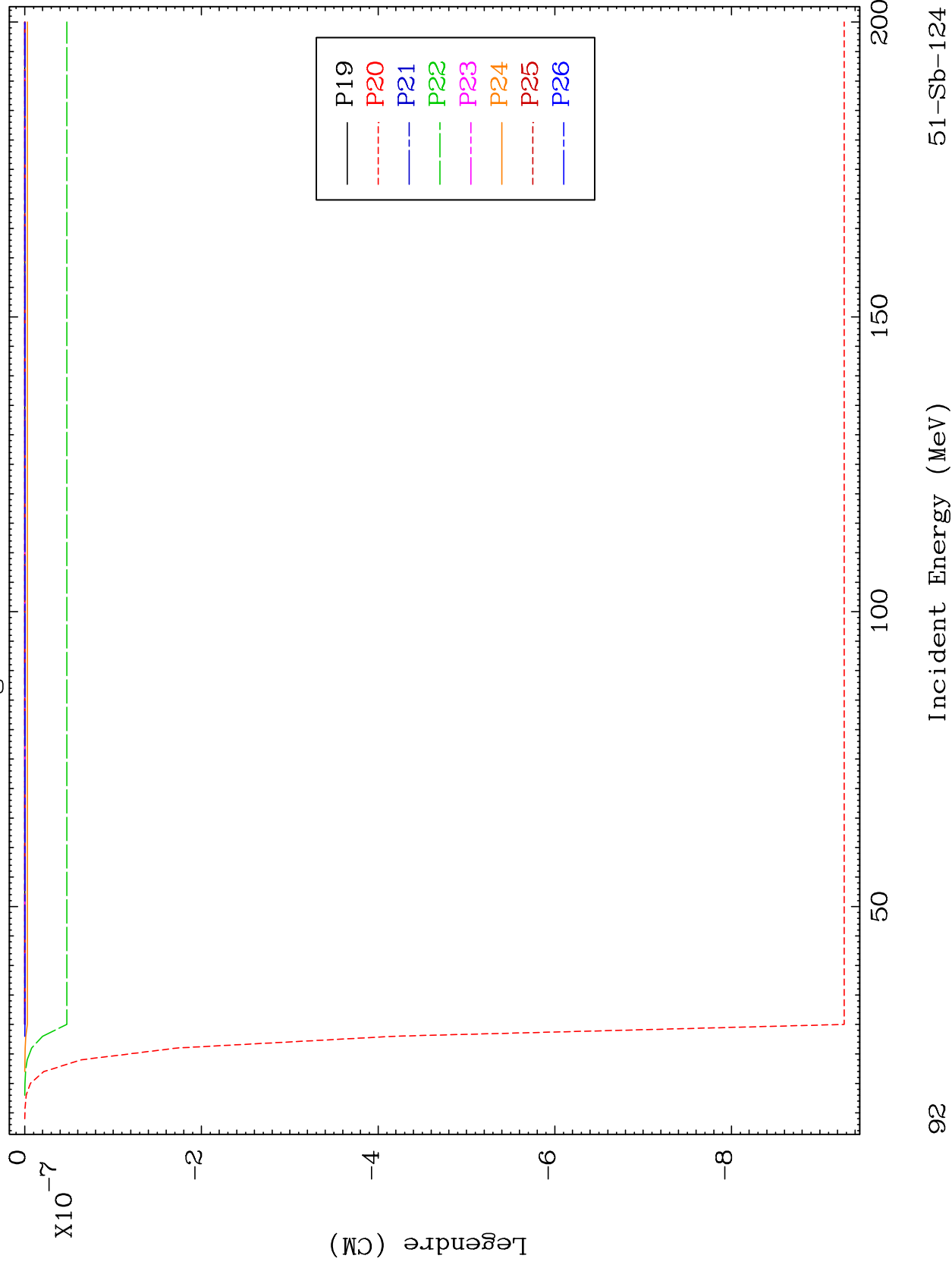
Incident Energy (MeV)

91

MAT 5134

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

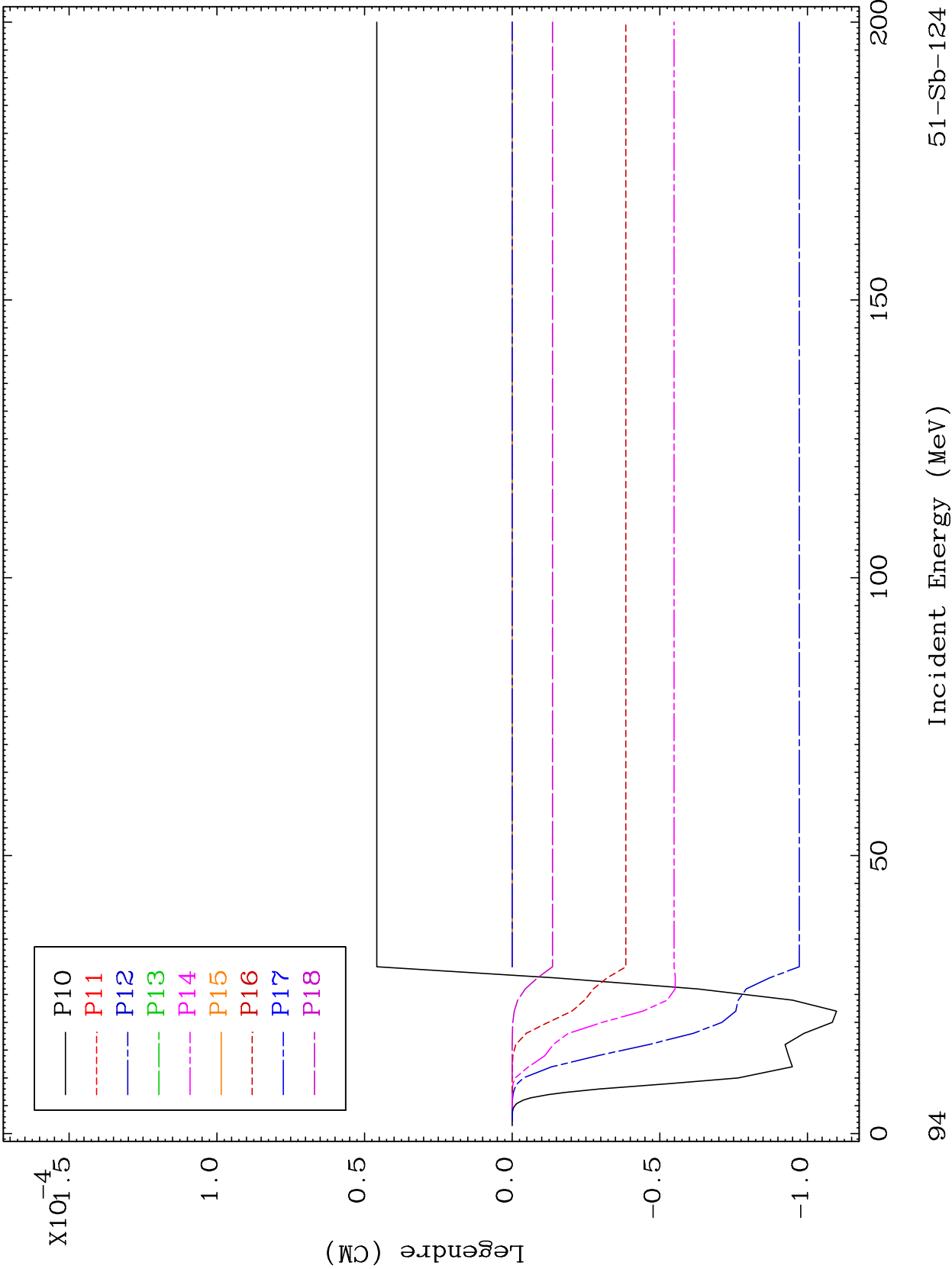
51-Sb-124



92

Incident Energy (MeV)

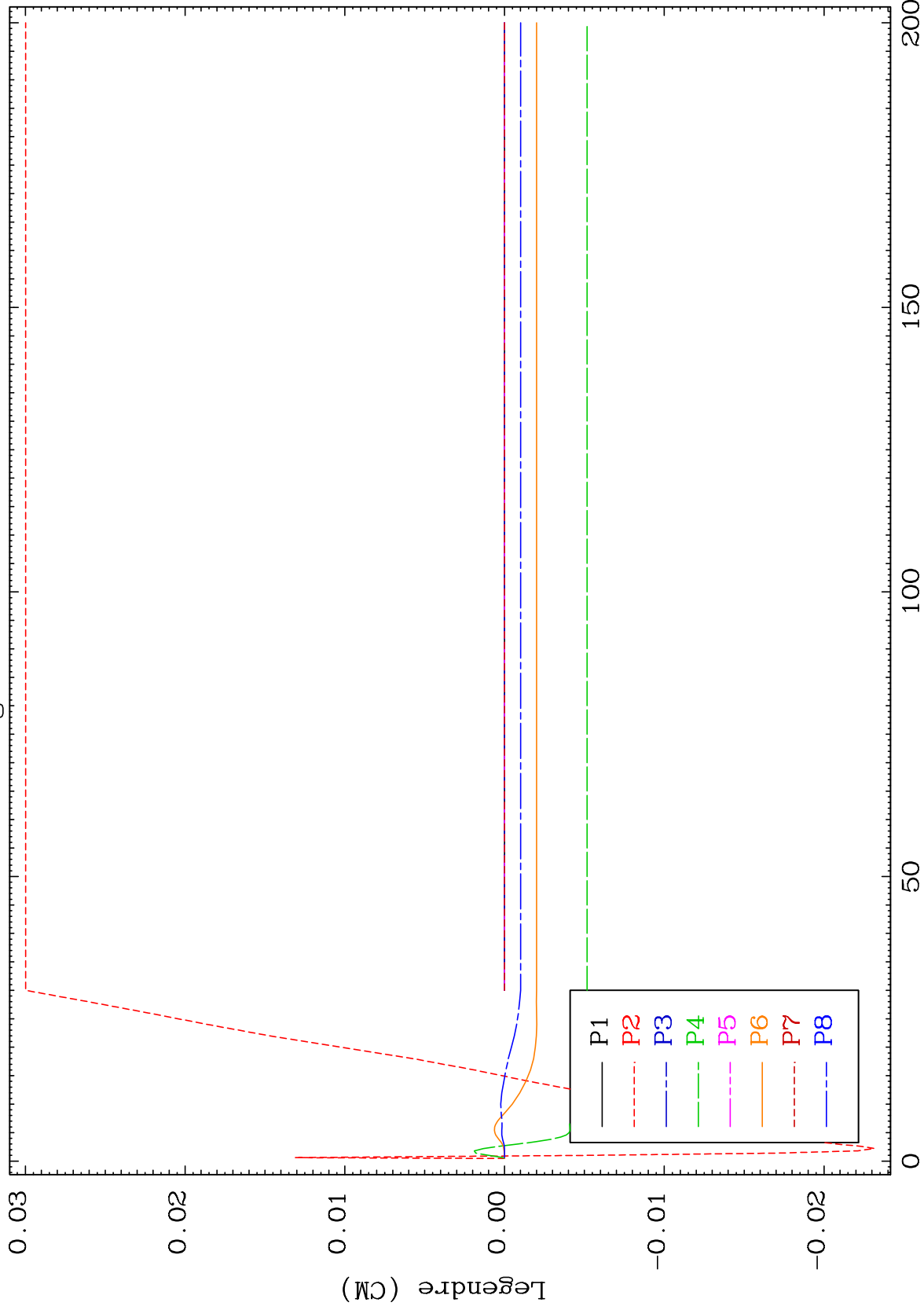
51-Sb-124



MAT 5134

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

51-Sb-124



96

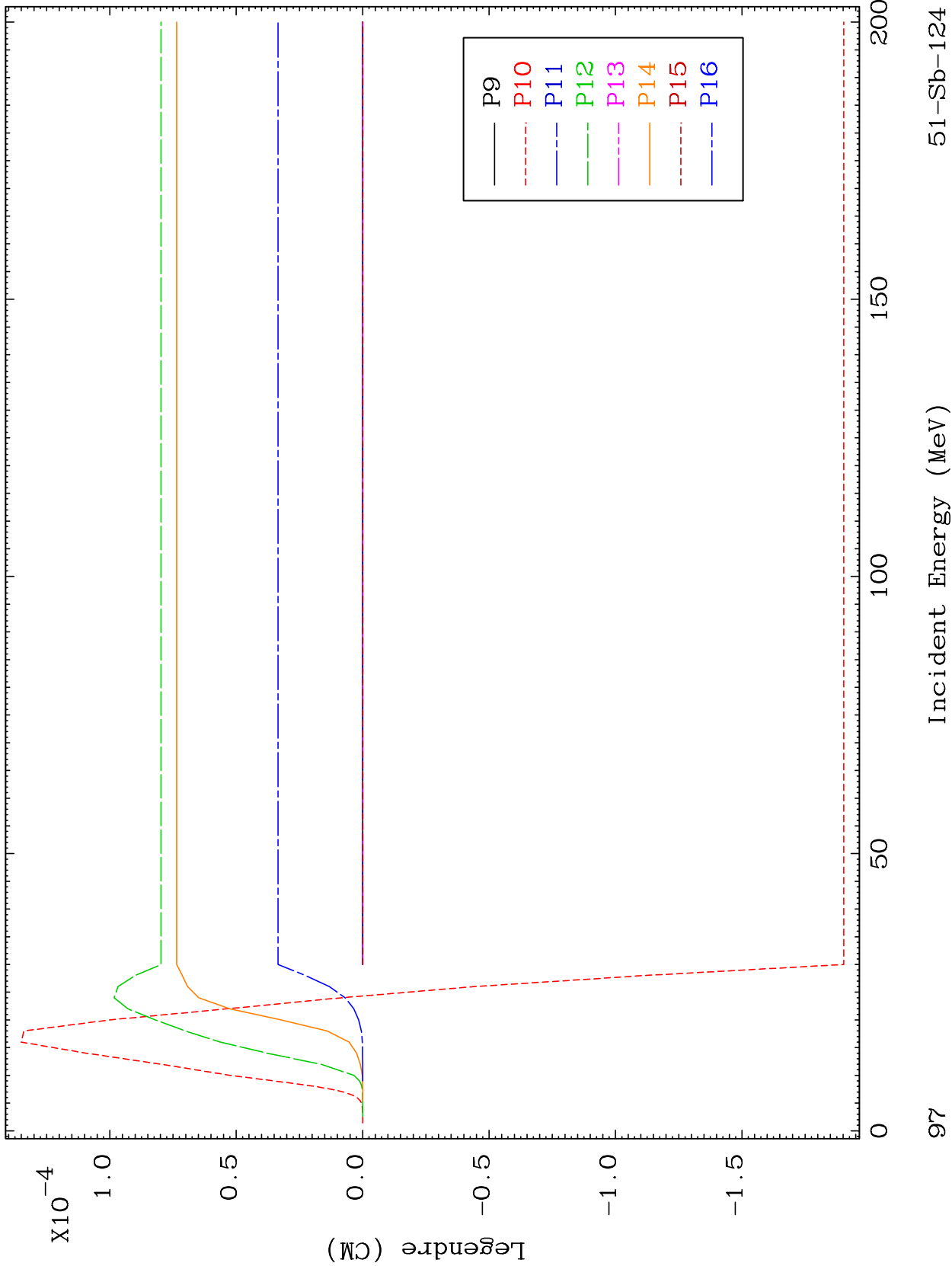
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



97

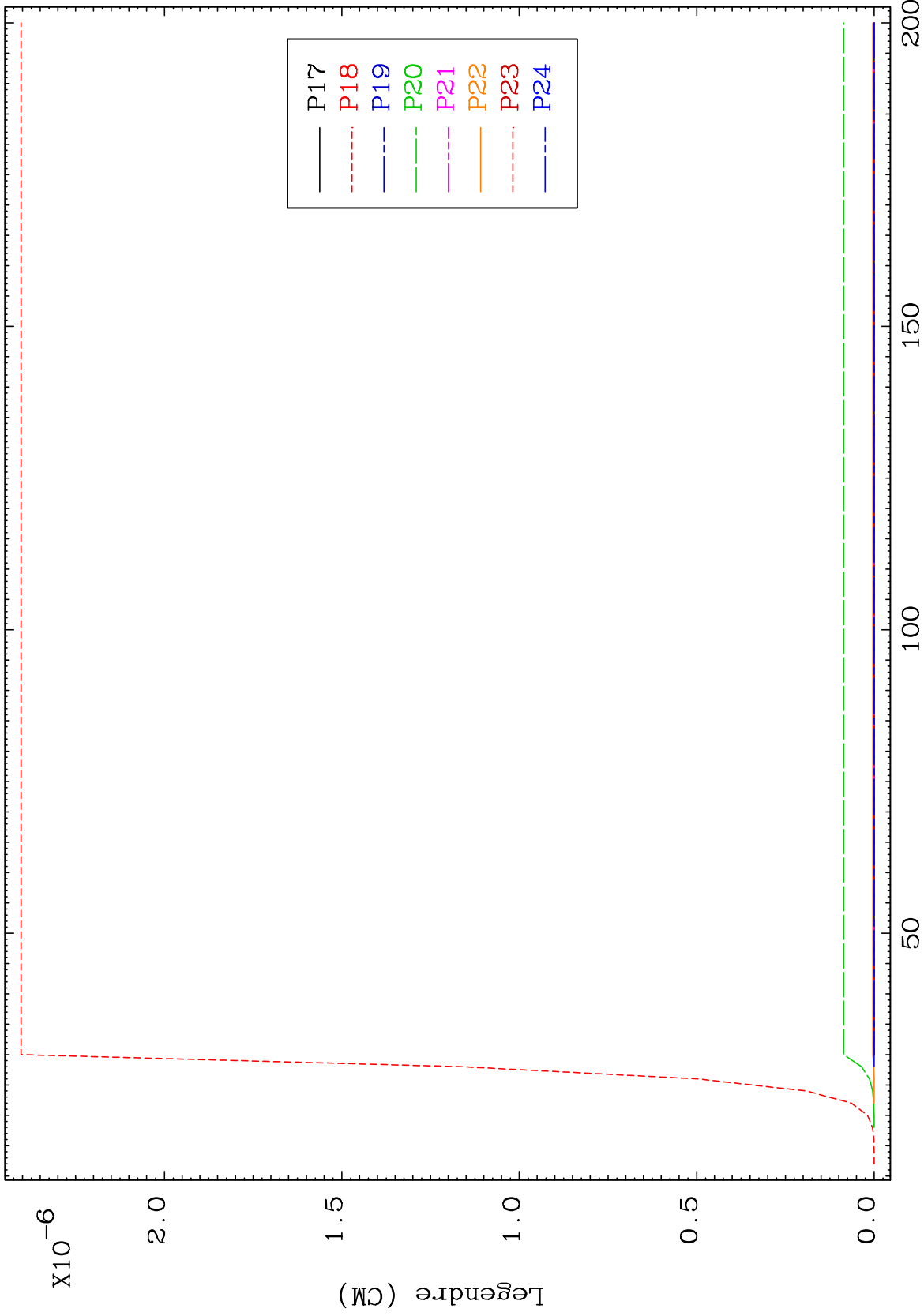
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



98

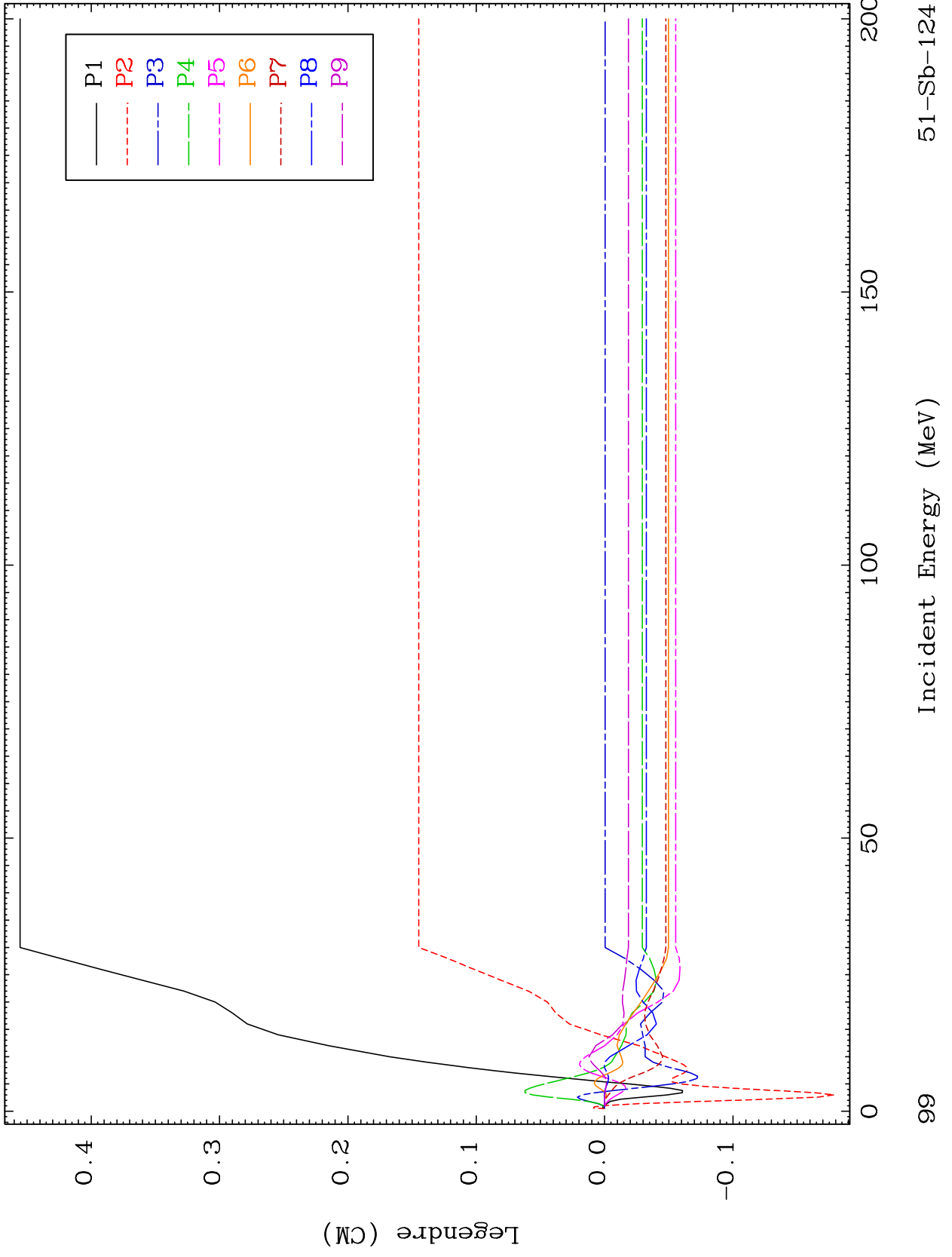
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

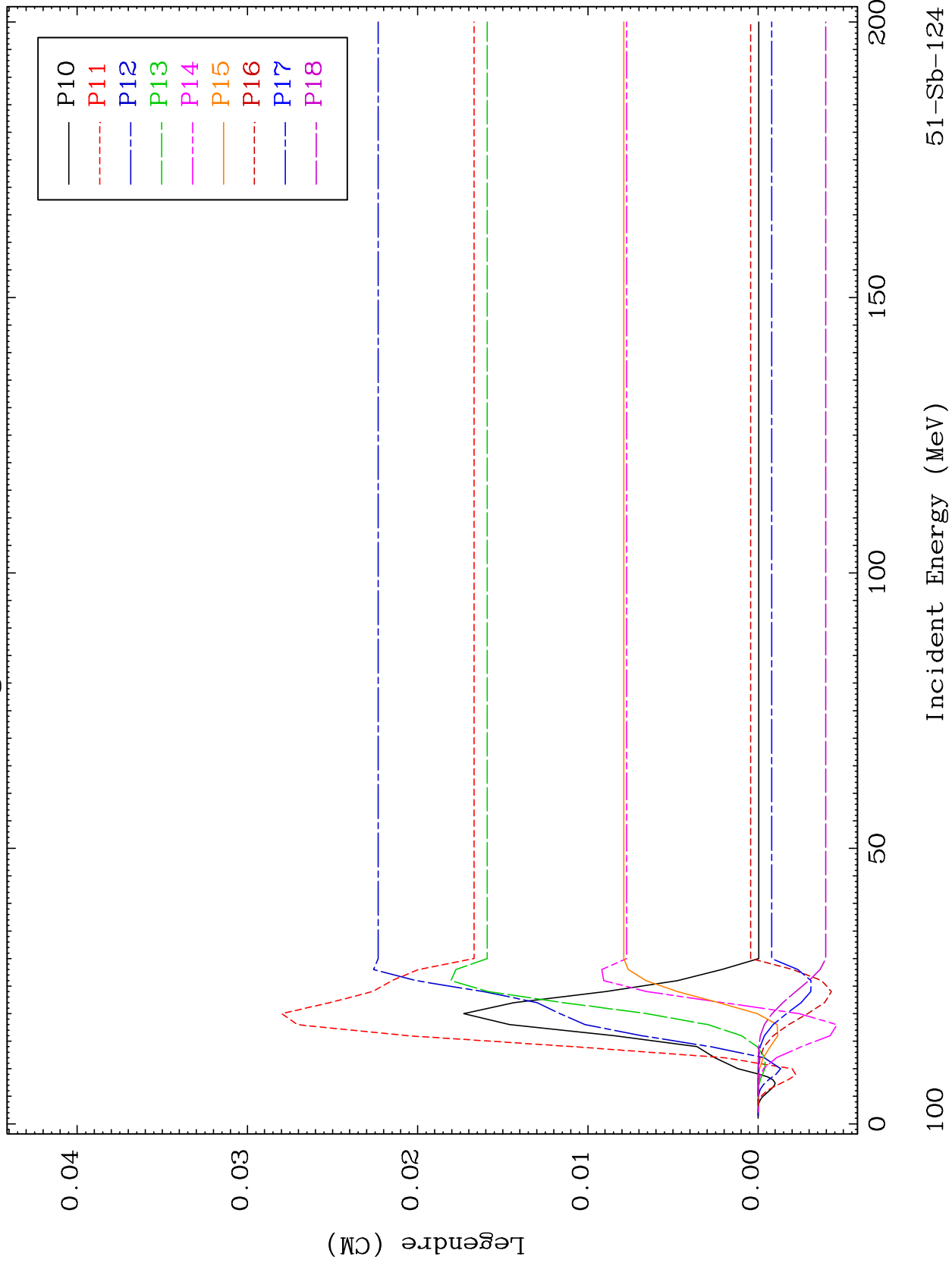
51-Sb-124



MAT 5134

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

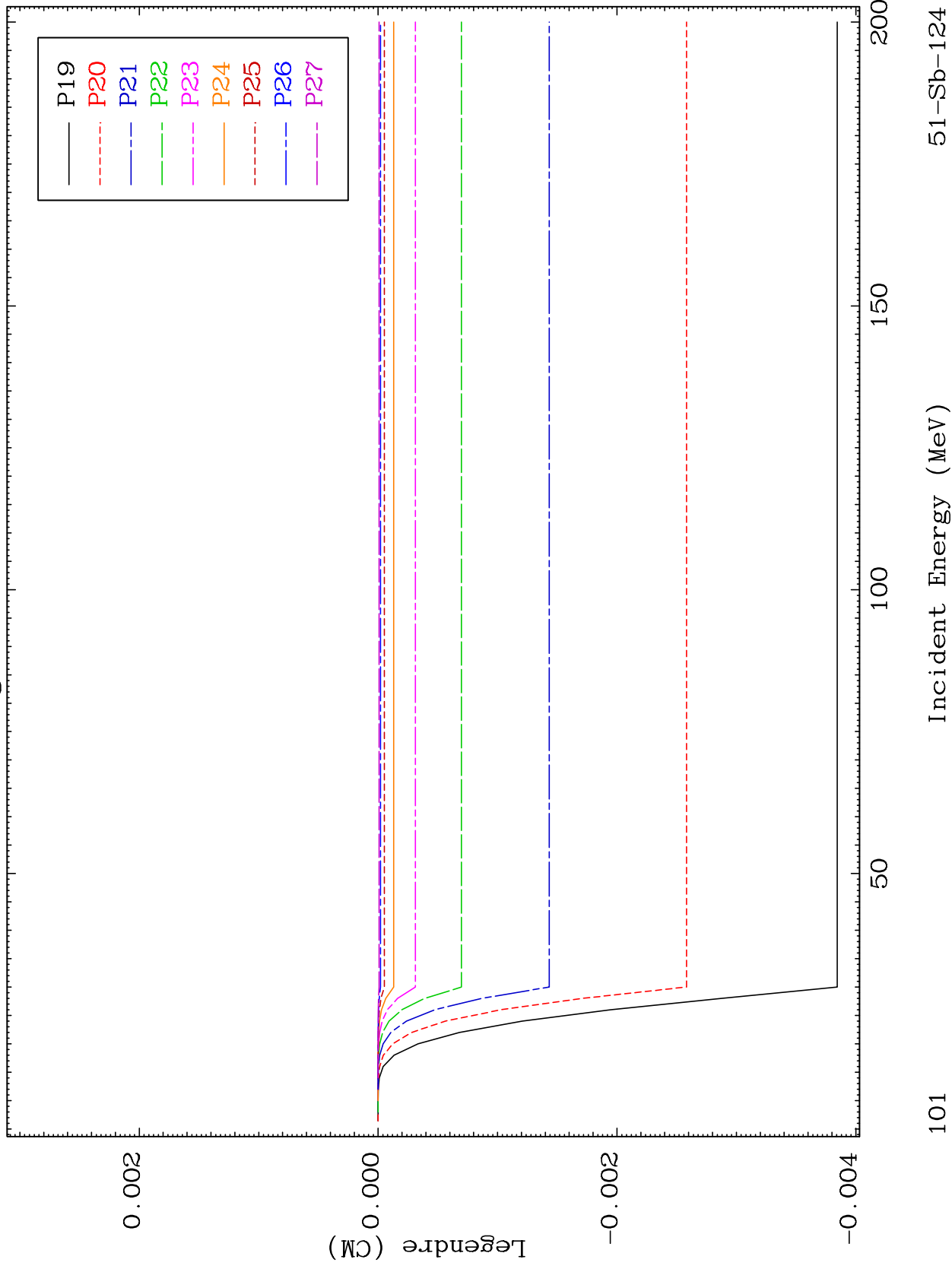
51-Sb-124



MAT 5134

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

51-Sb-124



101

Incident Energy (MeV)

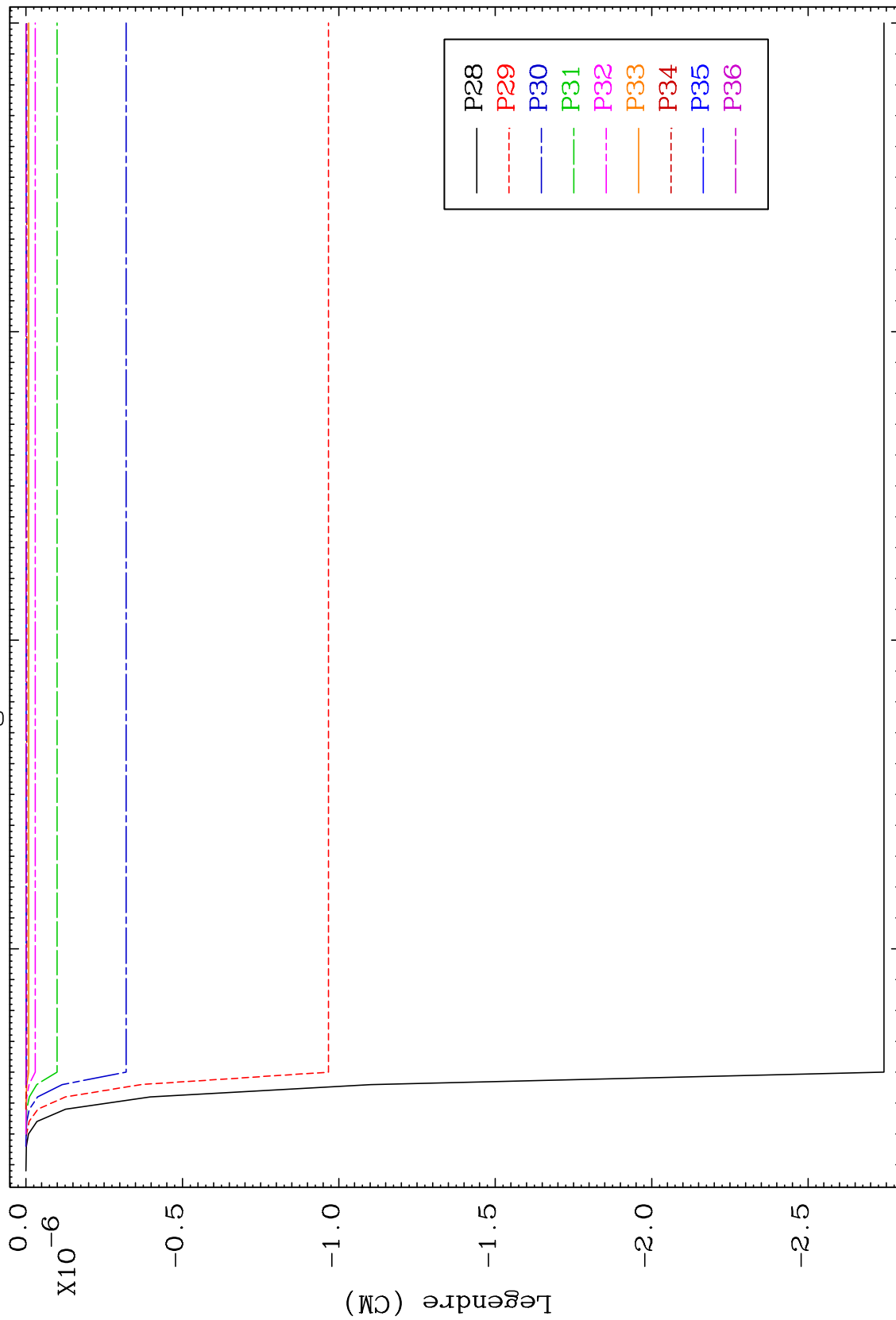
51-Sb-124

MAT 5134

MT= 75 (n,n') Level

51-Sb-124

Legendre Coefficients



51-Sb-124

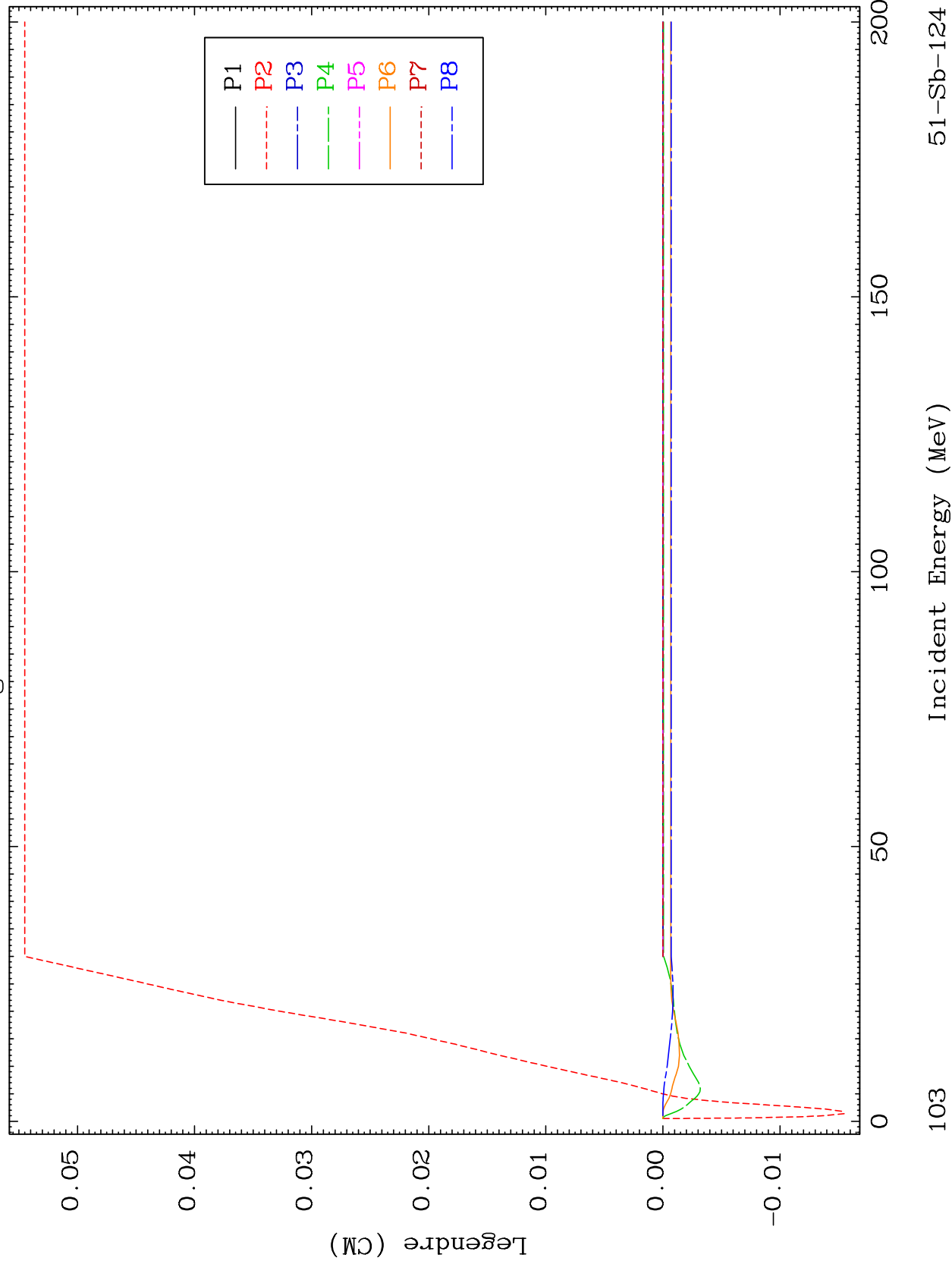
Incident Energy (MeV)

102

MAT 5134

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

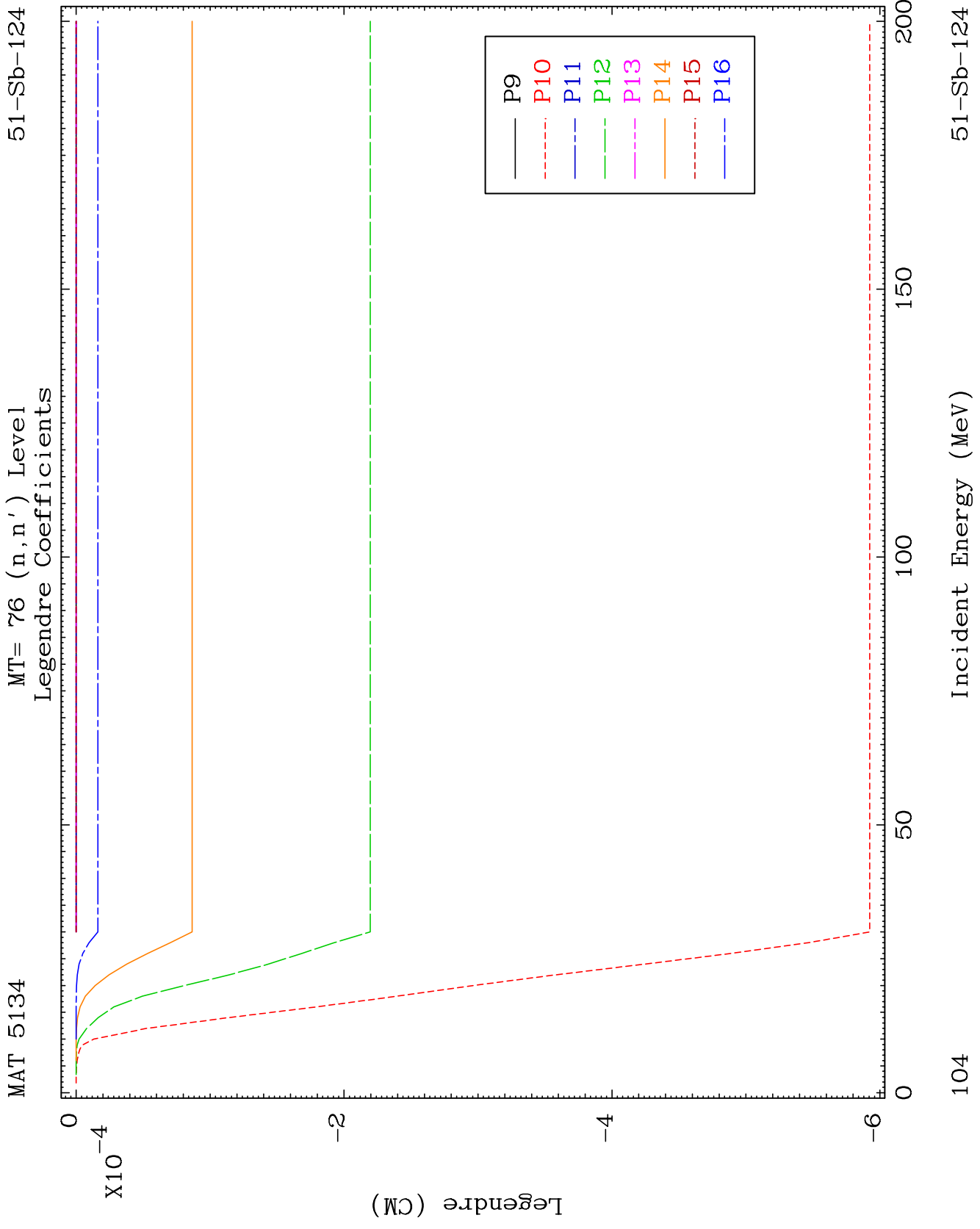
51-Sb-124



51-Sb-124

Incident Energy (MeV)

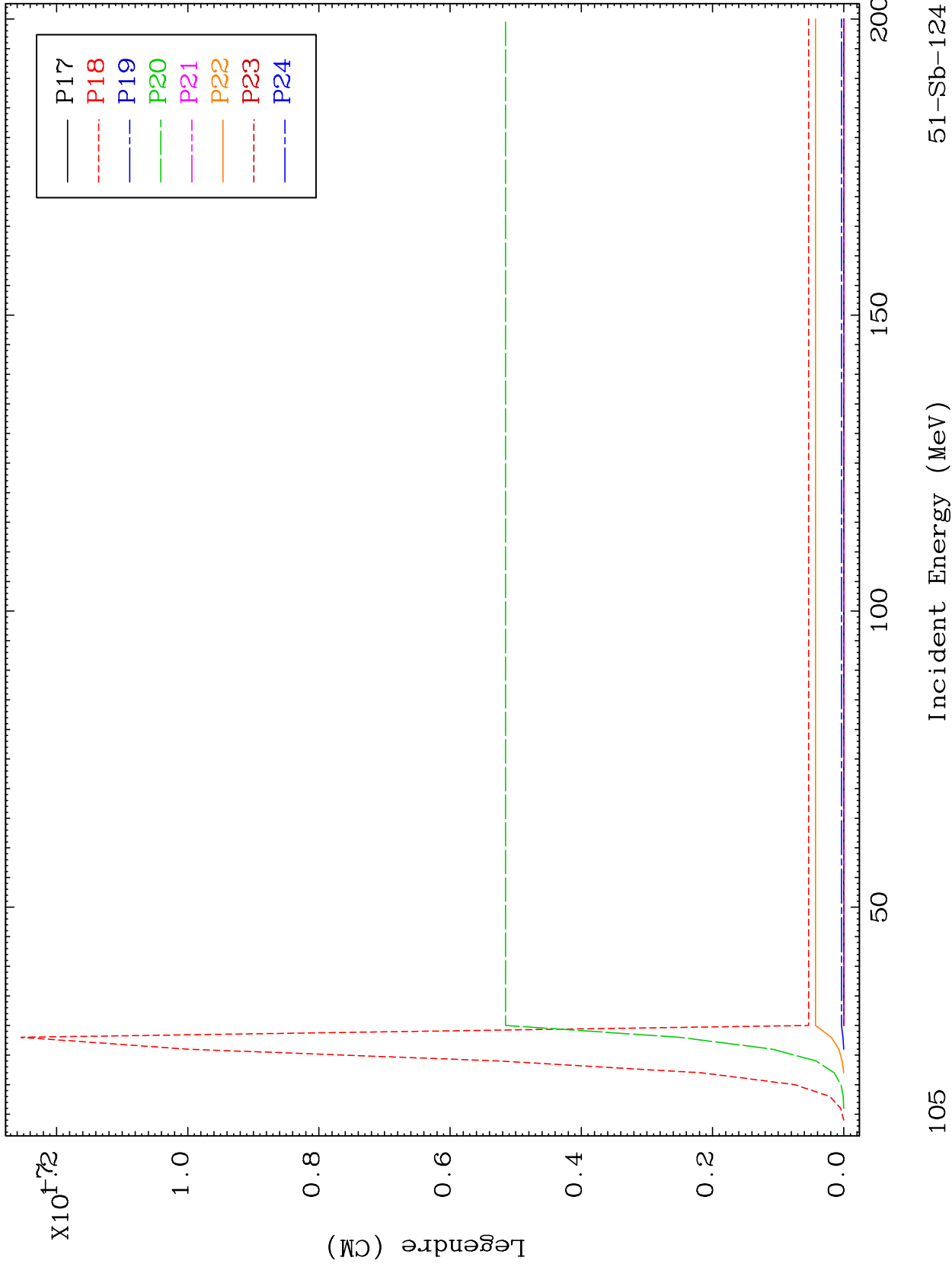
103



MAT 5134

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

51-Sb-124



51-Sb-124

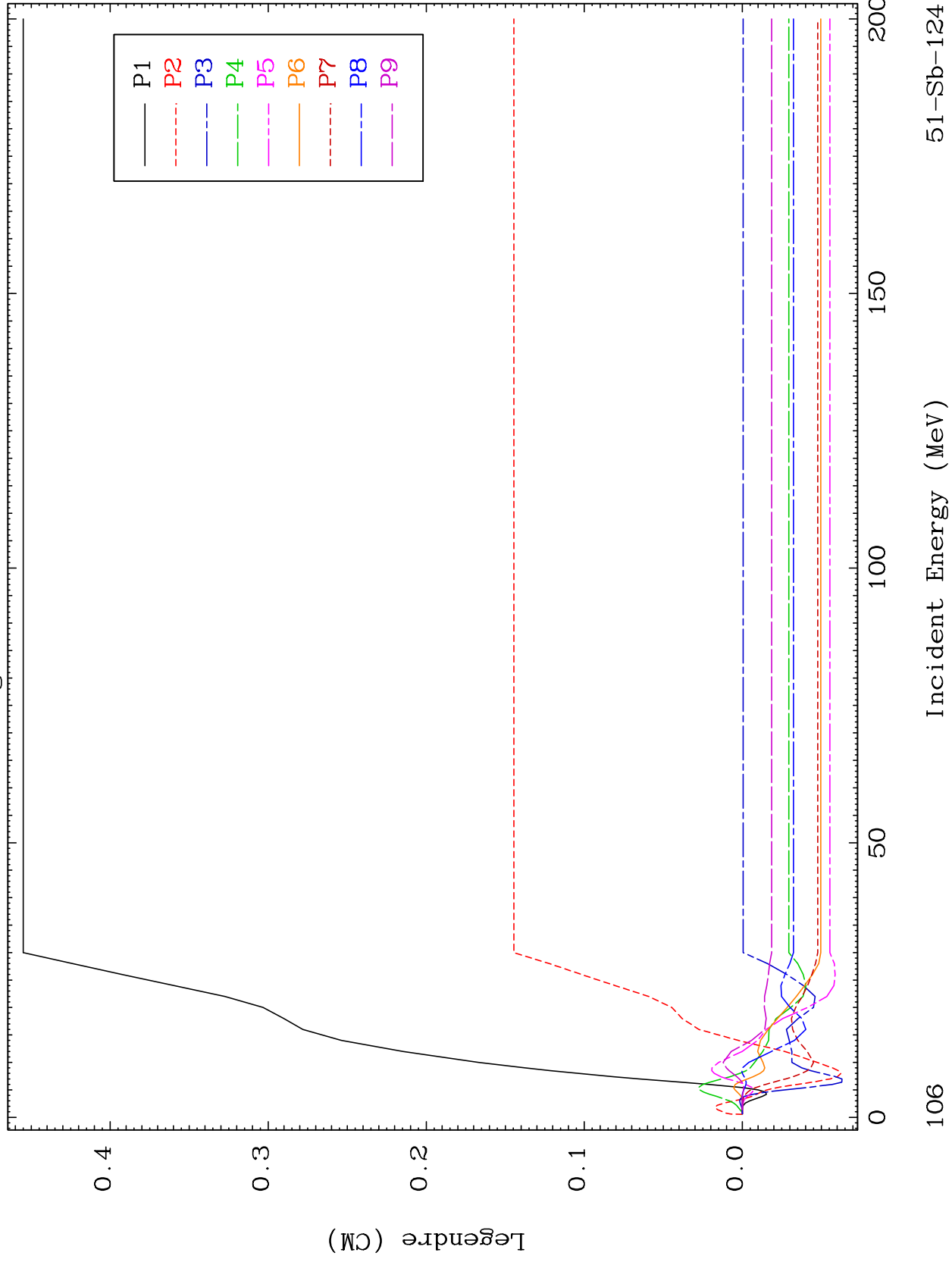
Incident Energy (MeV)

105

MAT 5134

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

51-Sb-124



51-Sb-124

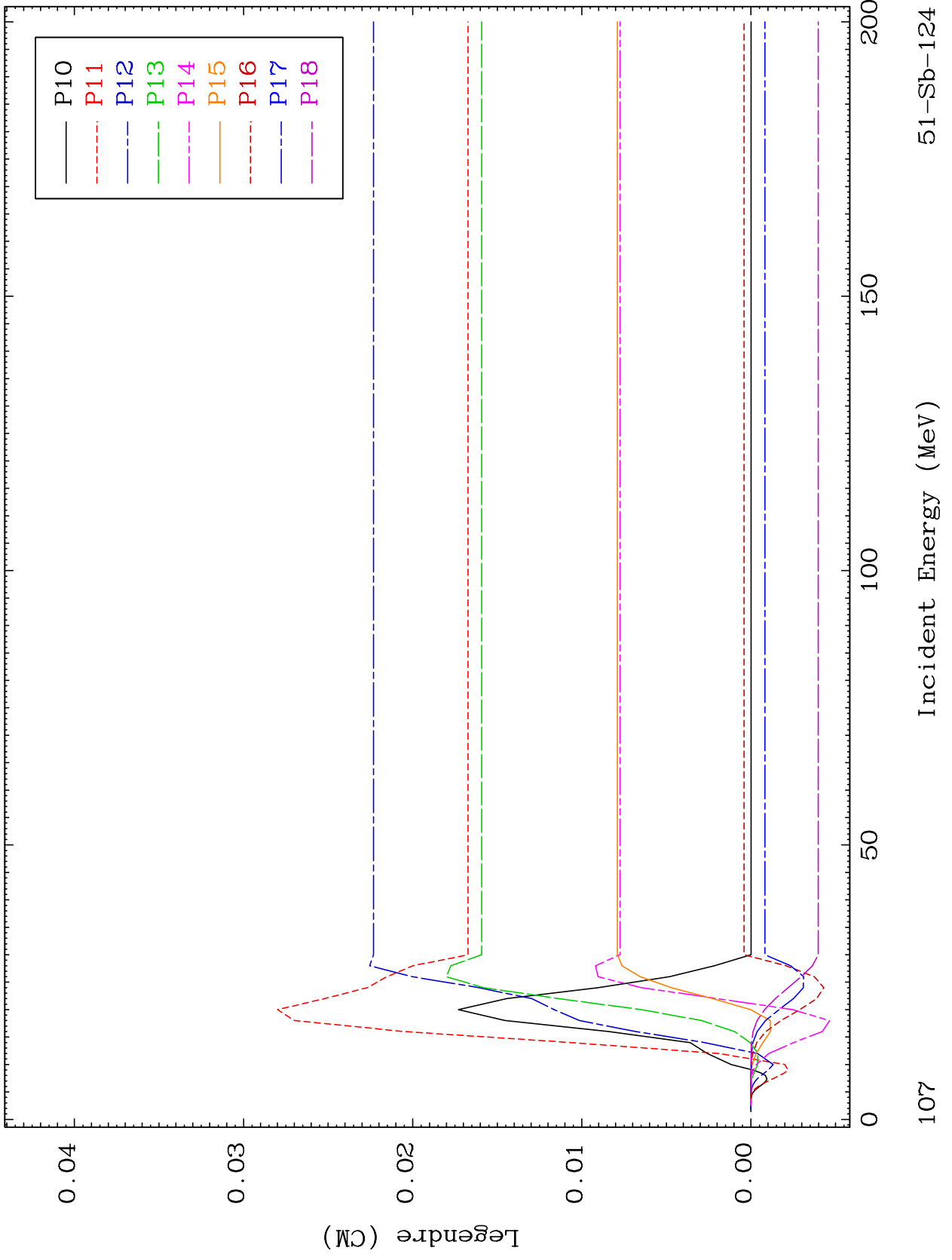
Incident Energy (MeV)

106

MAT 5134

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

51-Sb-124



51-Sb-124

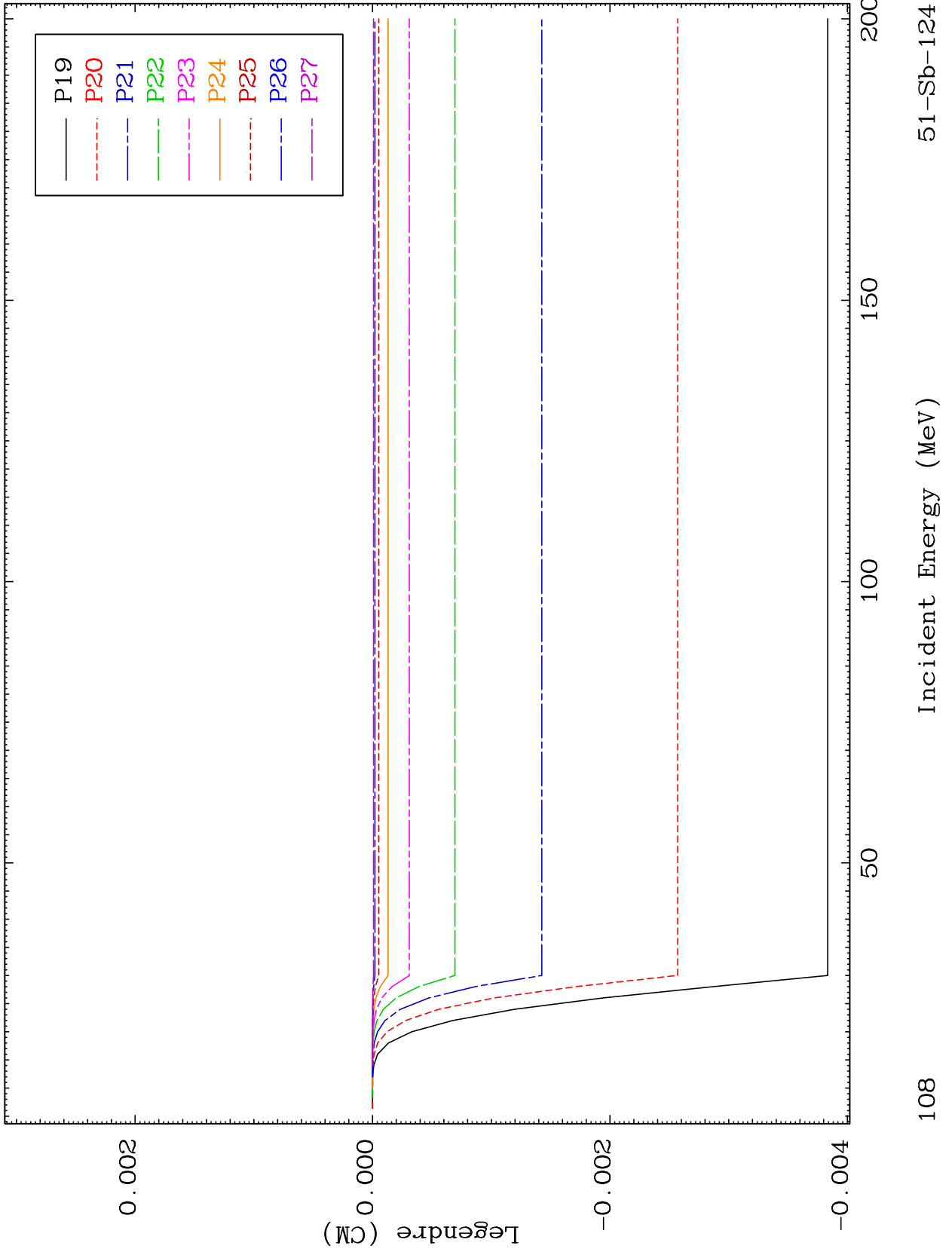
Incident Energy (MeV)

107

MAT 5134

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

51-Sb-124



108

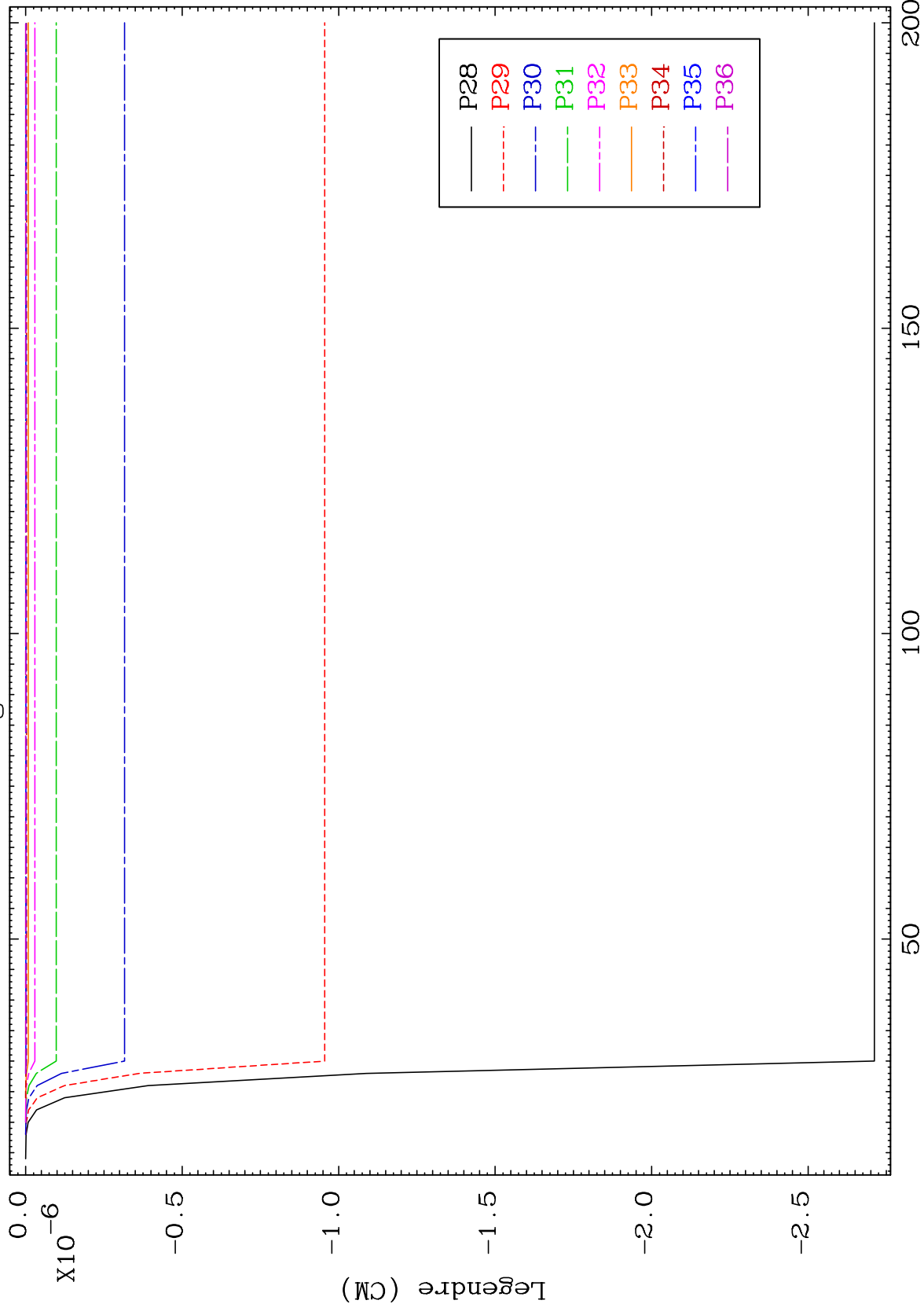
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



109

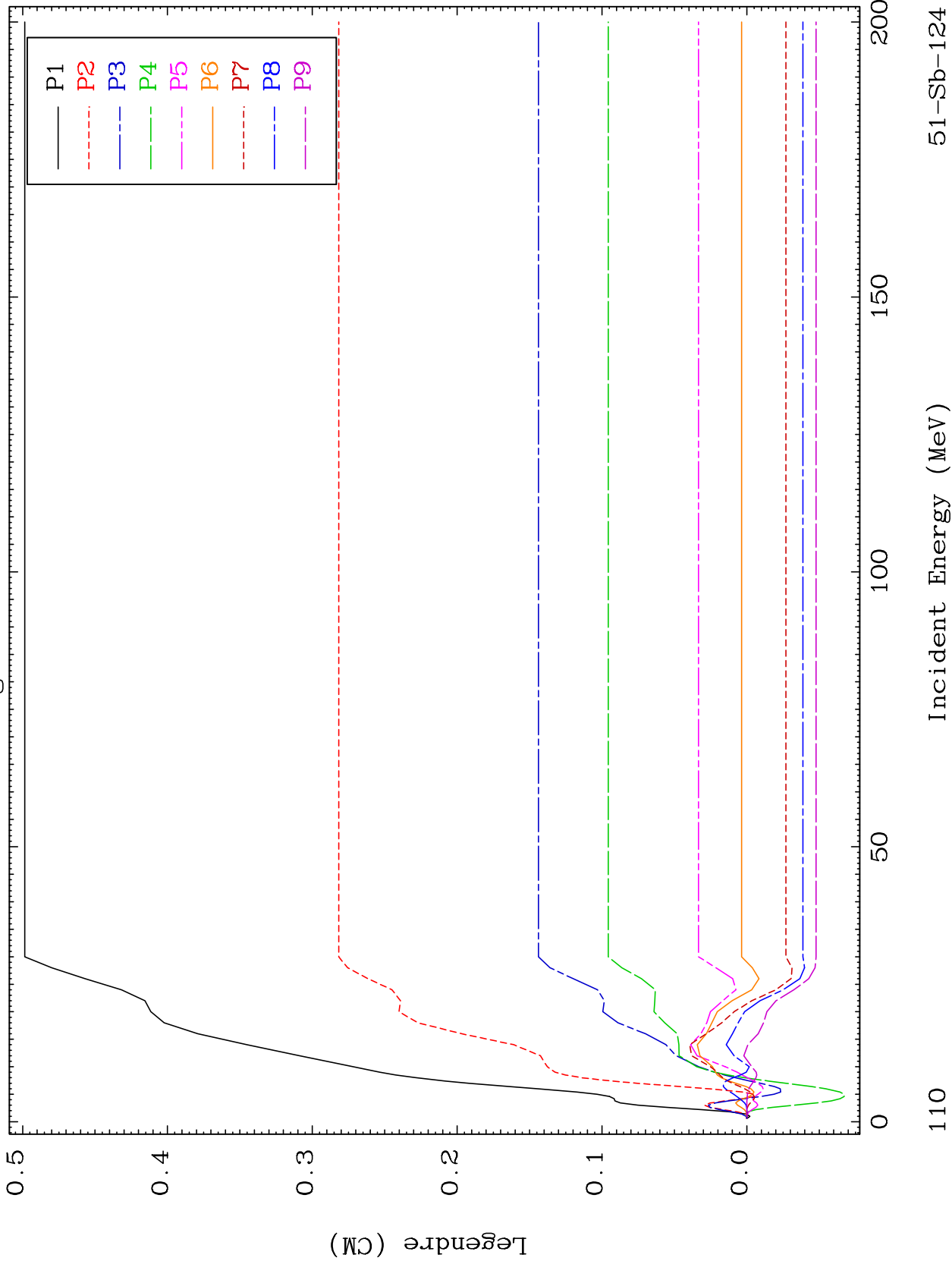
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

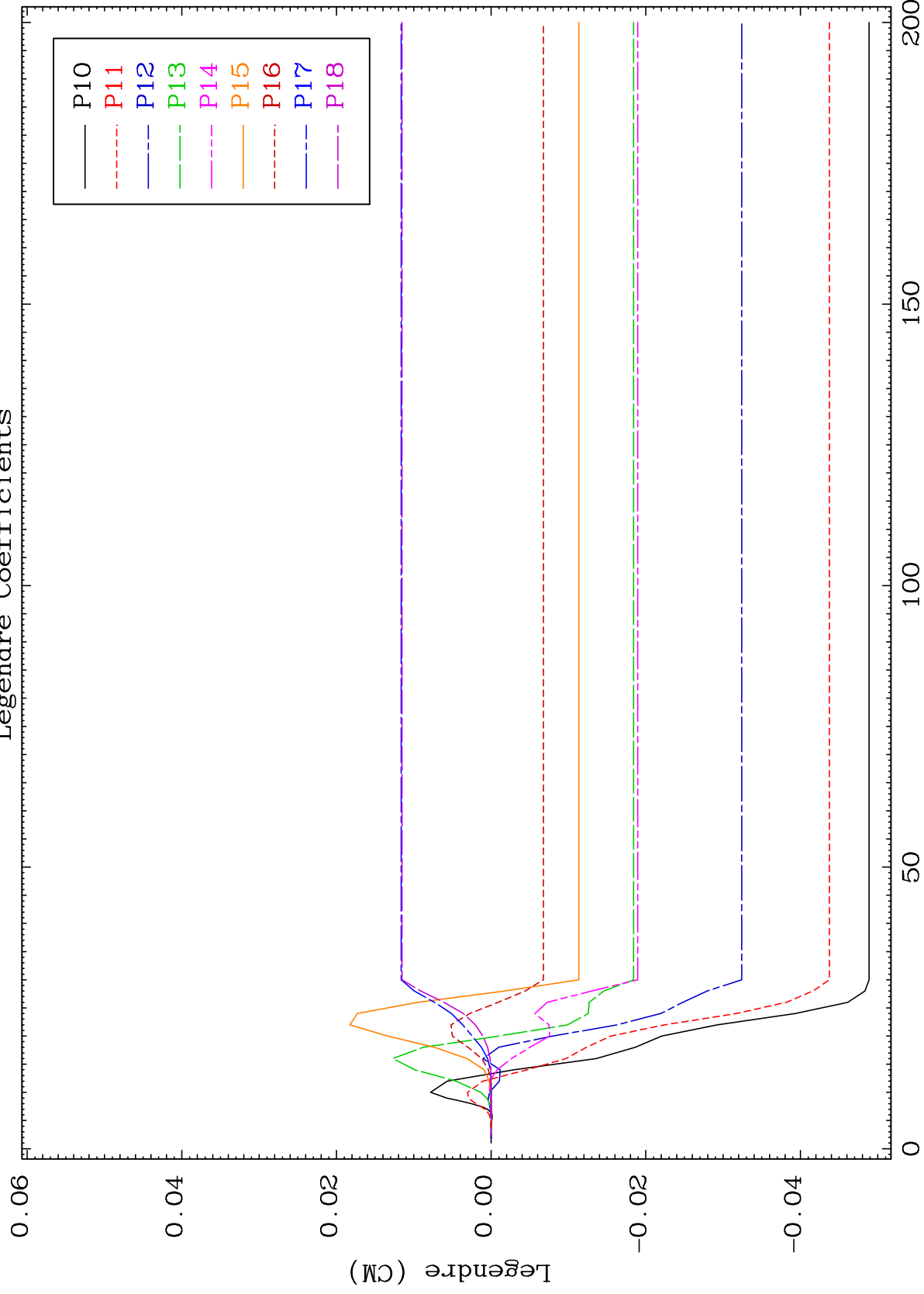
51-Sb-124



MAT 5134

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

51-Sb-124



111

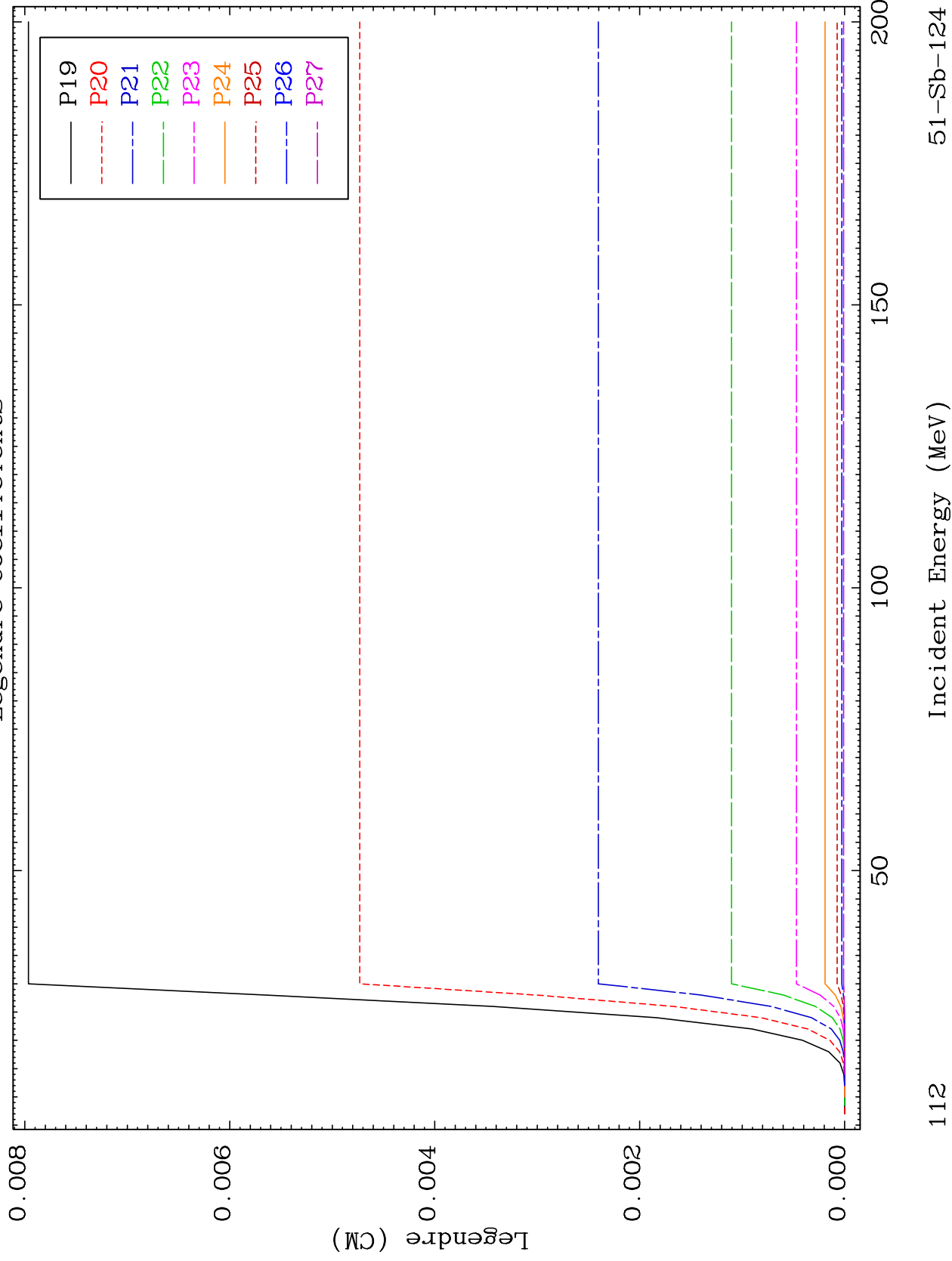
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



112

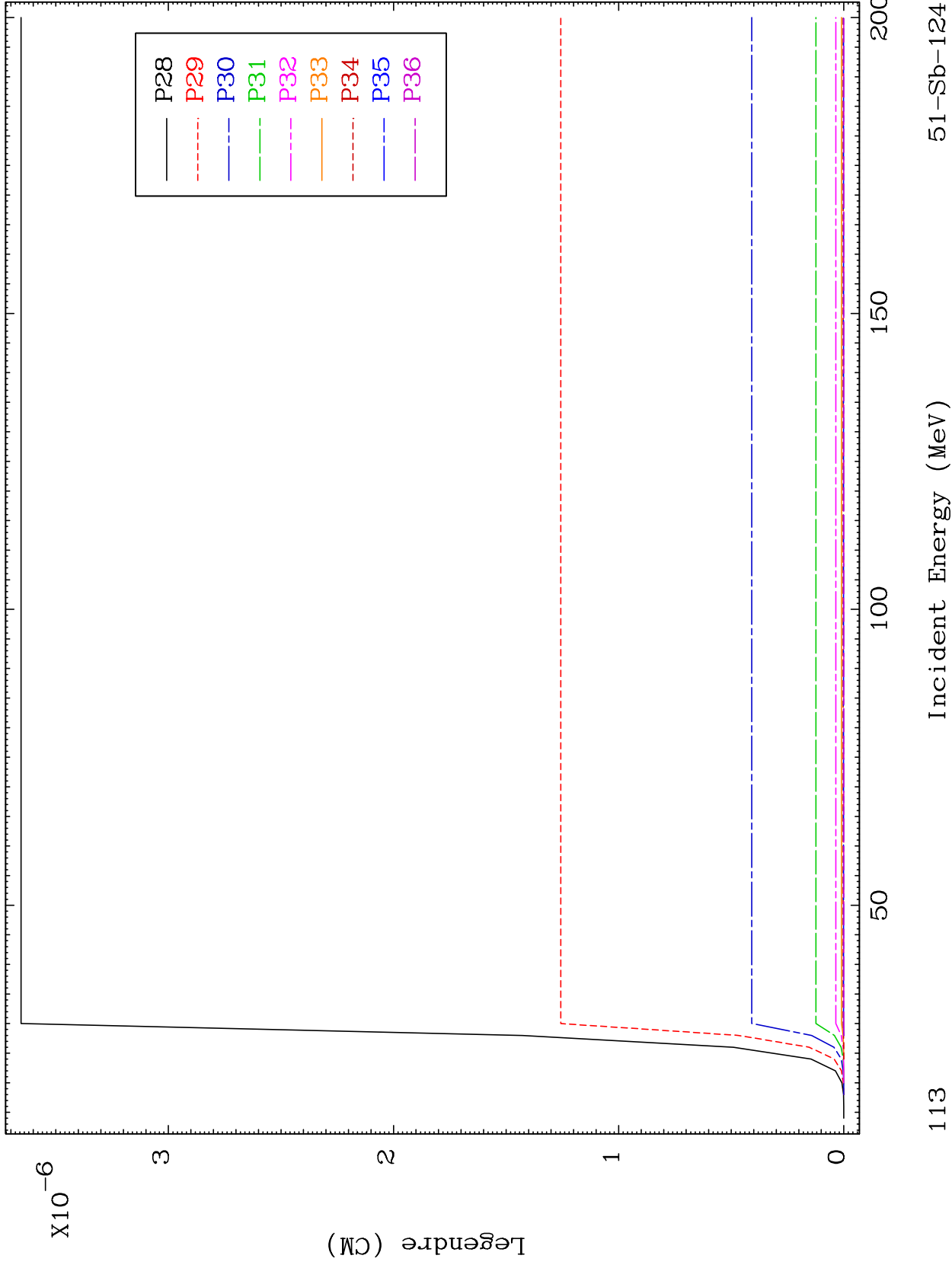
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



113

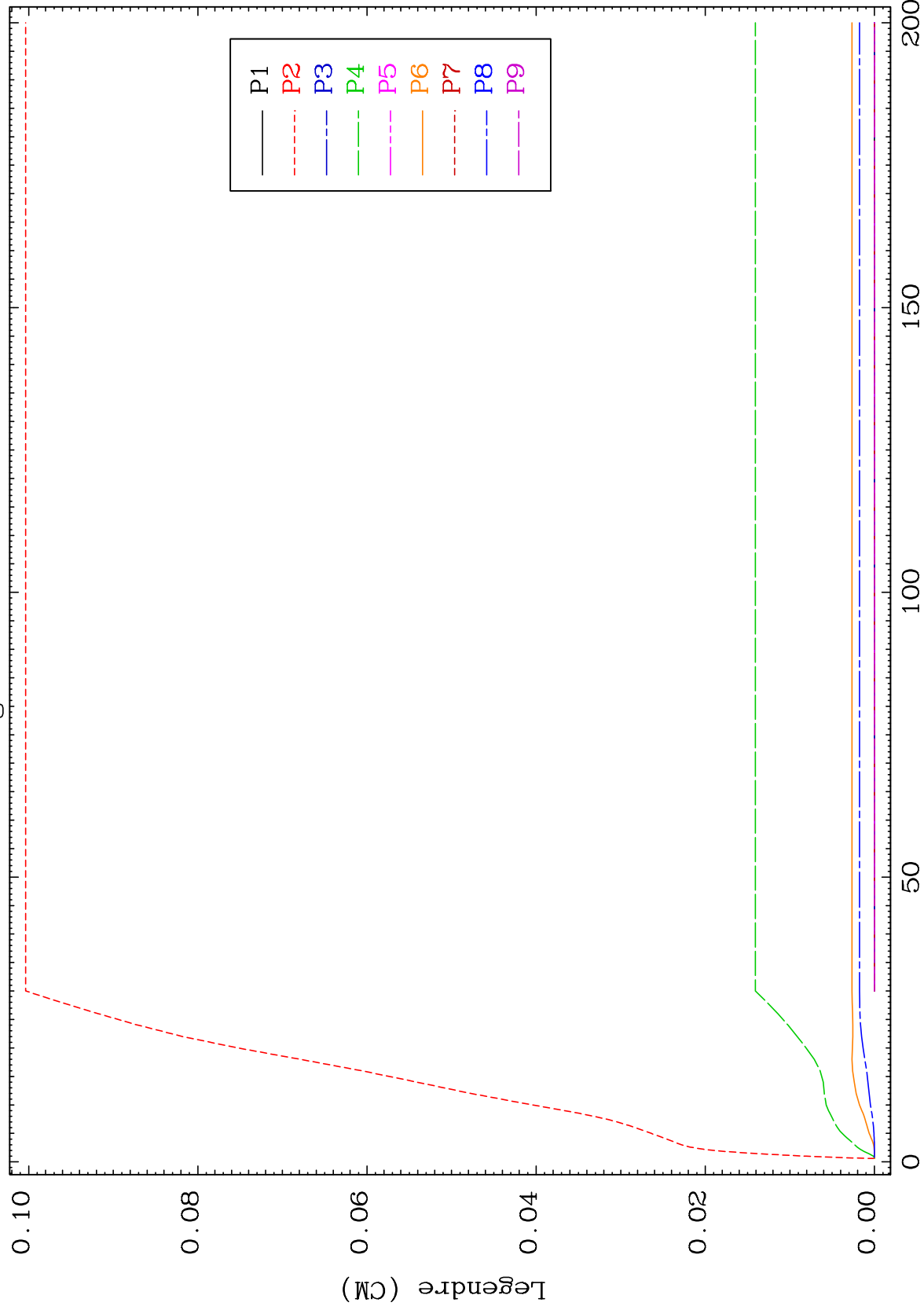
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



51-Sb-124

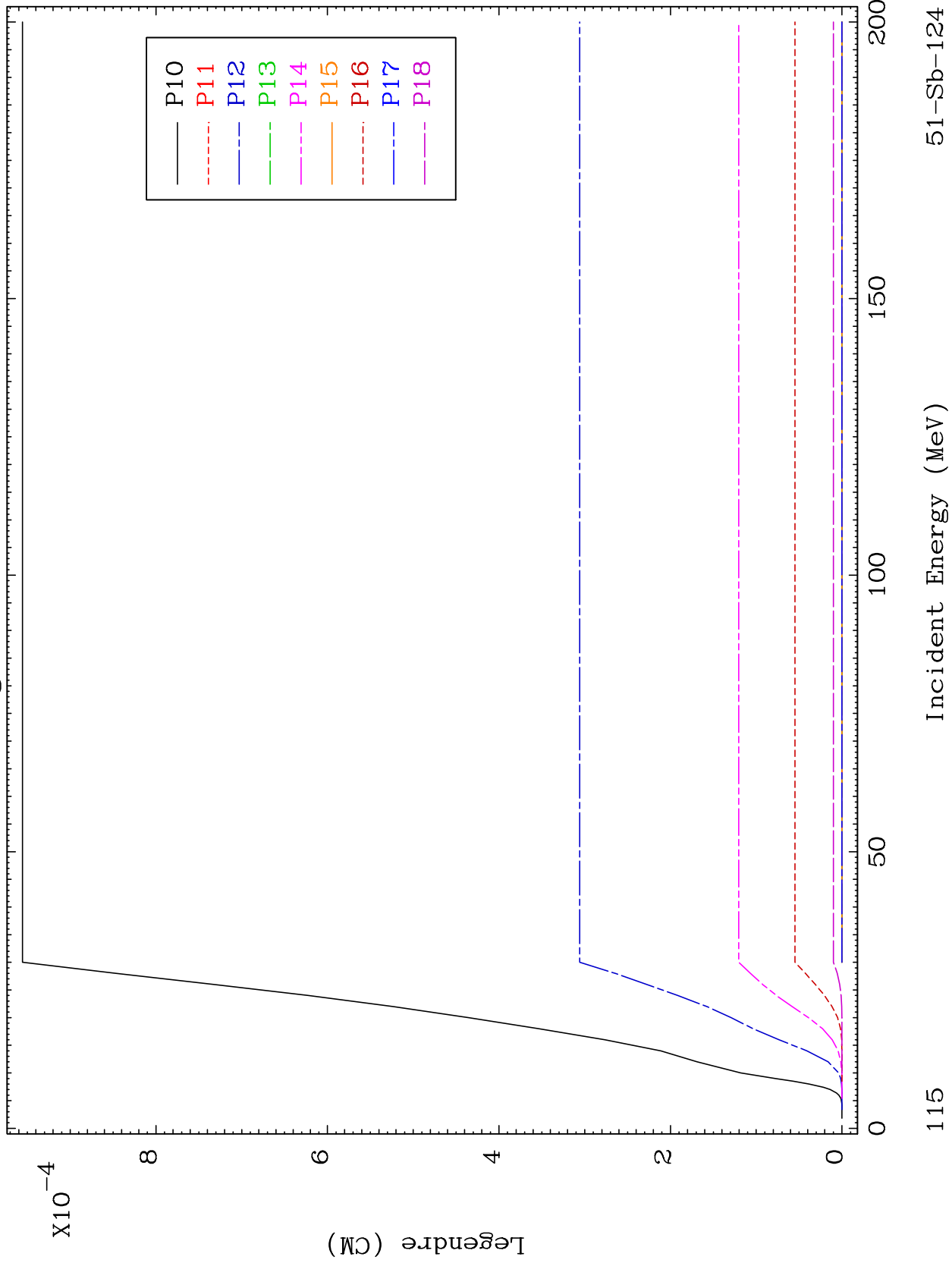
Incident Energy (MeV)

114

MAT 5134

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

51-Sb-124



51-Sb-124

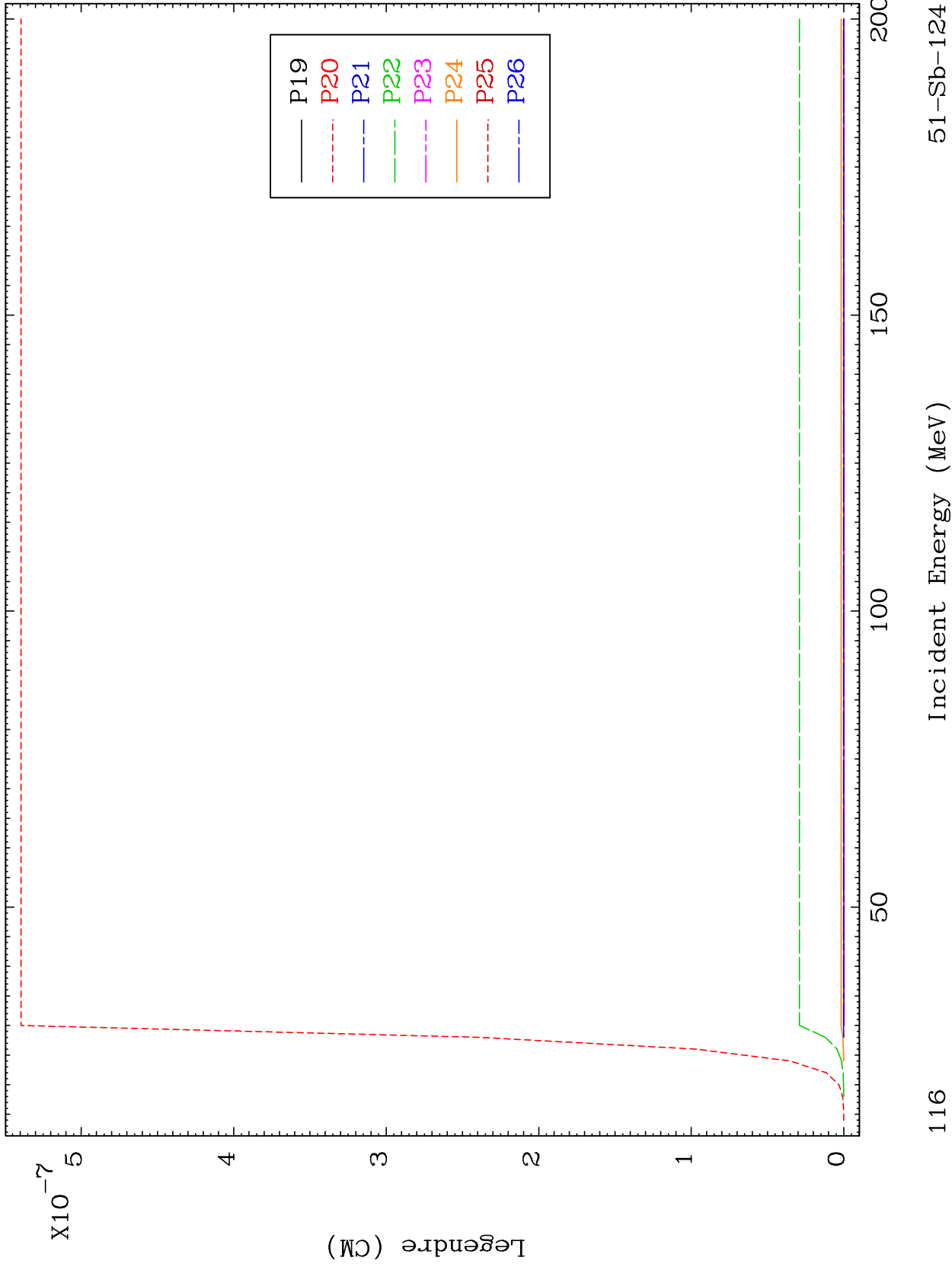
Incident Energy (MeV)

115

MAT 5134

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

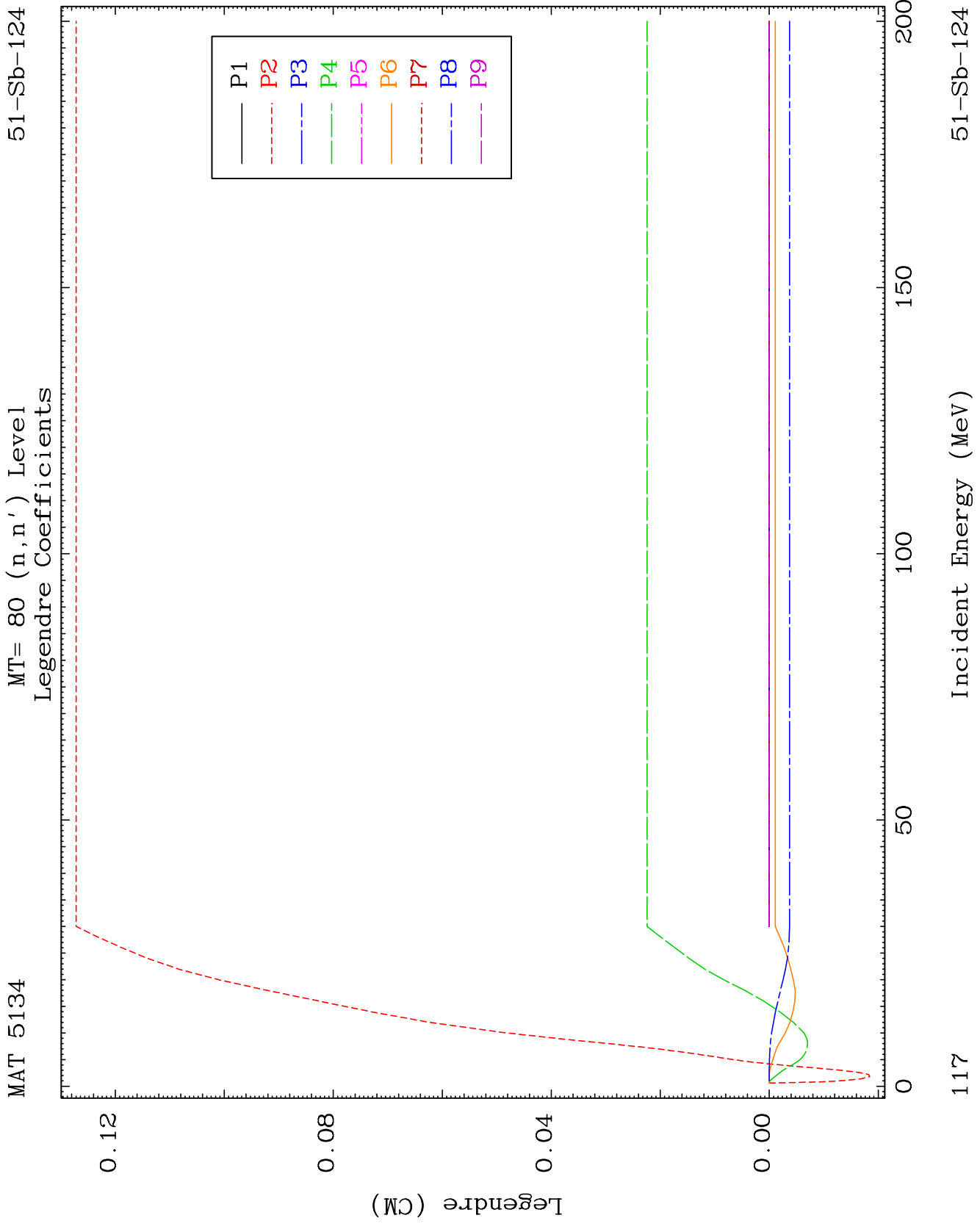
51-Sb-124



116

Incident Energy (MeV)

51-Sb-124



51-Sb-124

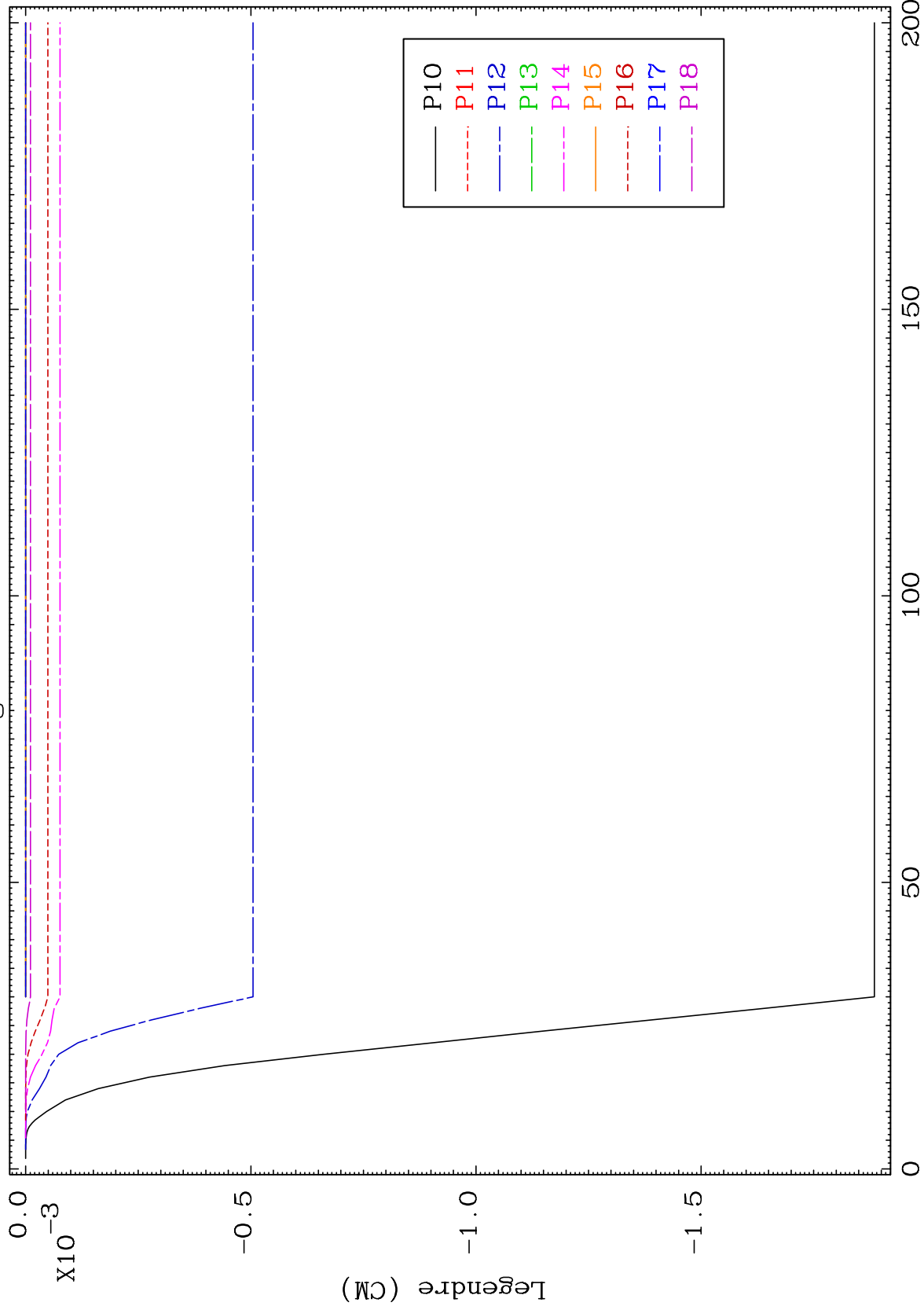
Incident Energy (MeV)

117

MAT 5134

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

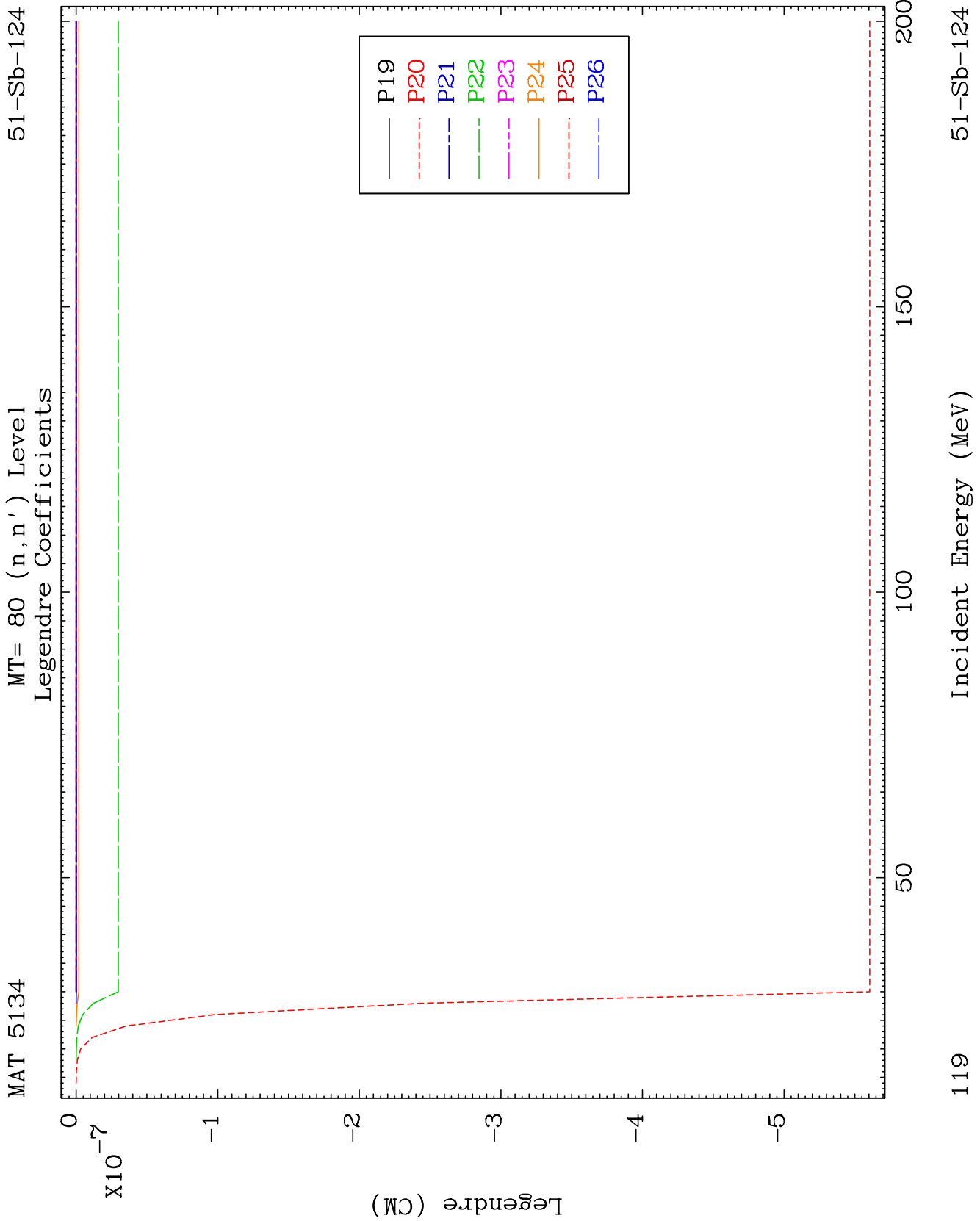
51-Sb-124



118

Incident Energy (MeV)

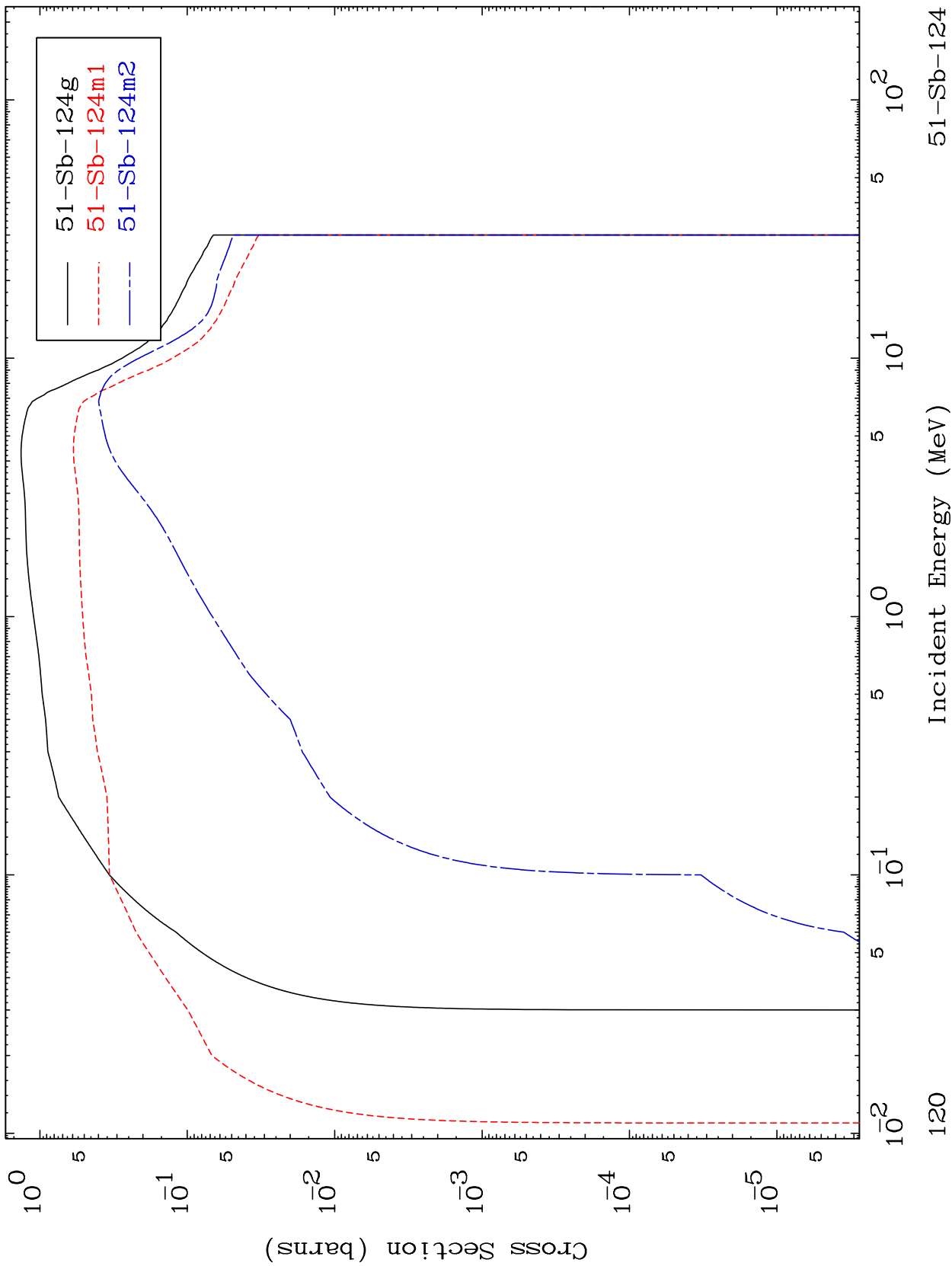
51-Sb-124



MAT 5134

51-Sb-124

Inelastic
Radionuclide Production Cross Section



51-Sb-124

Incident Energy (MeV)

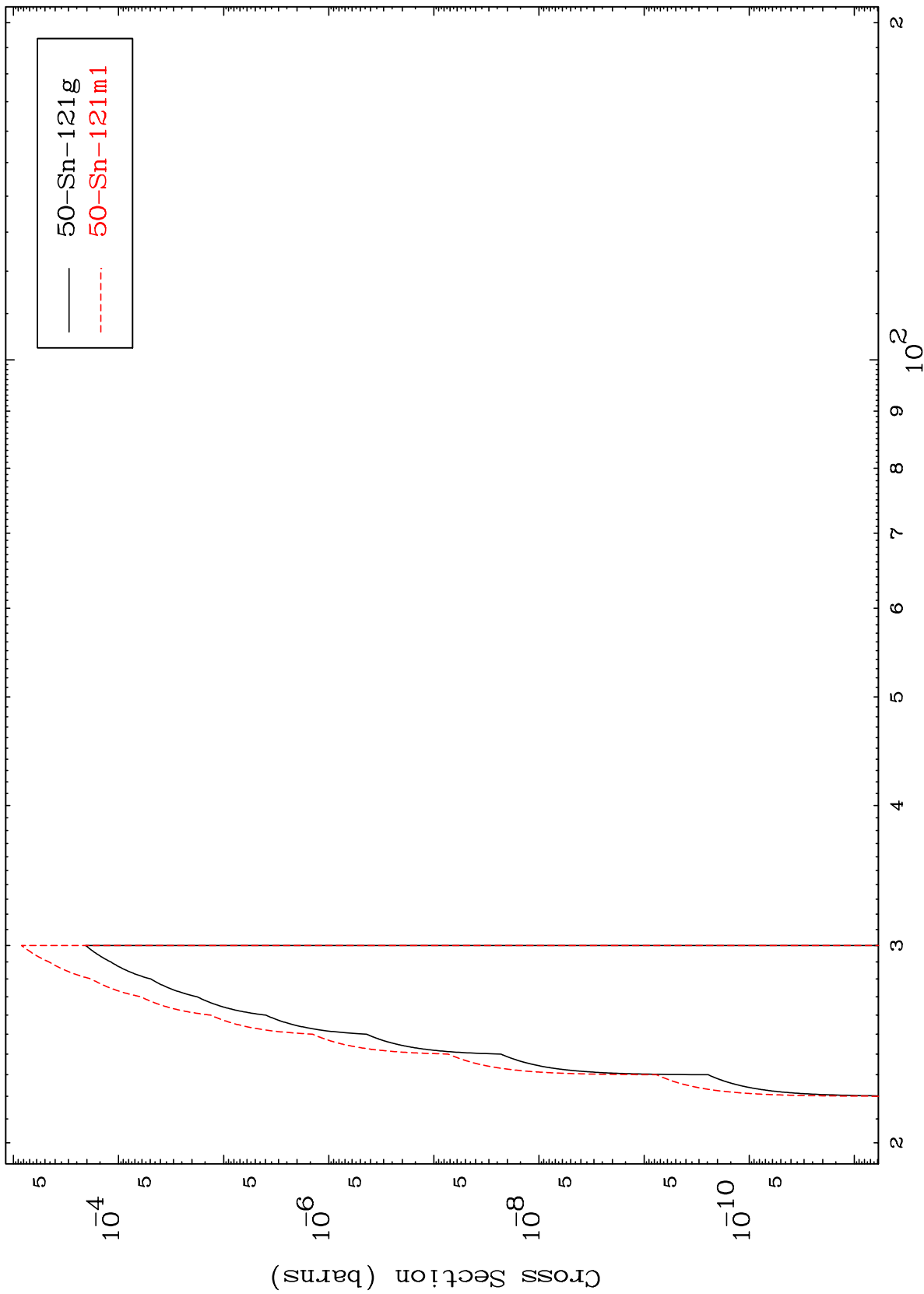
120

MAT 5134

(n,2n) d

51-Sb-124

Radionuclide Production Cross Section



121

Incident Energy (MeV)

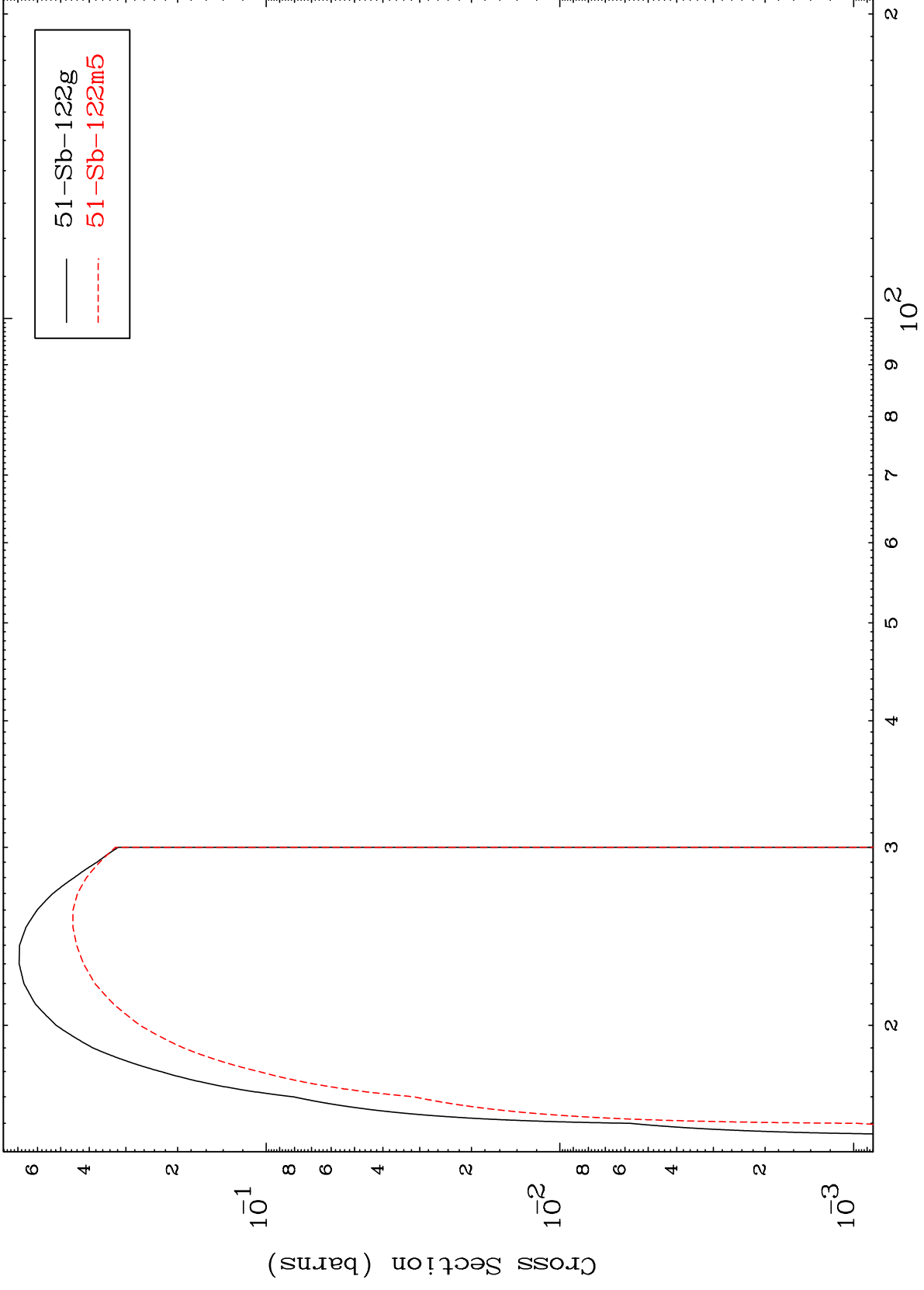
51-Sb-124

MAT 5134

(n,3n)

51-Sb-124

Radionuclide Production Cross Section

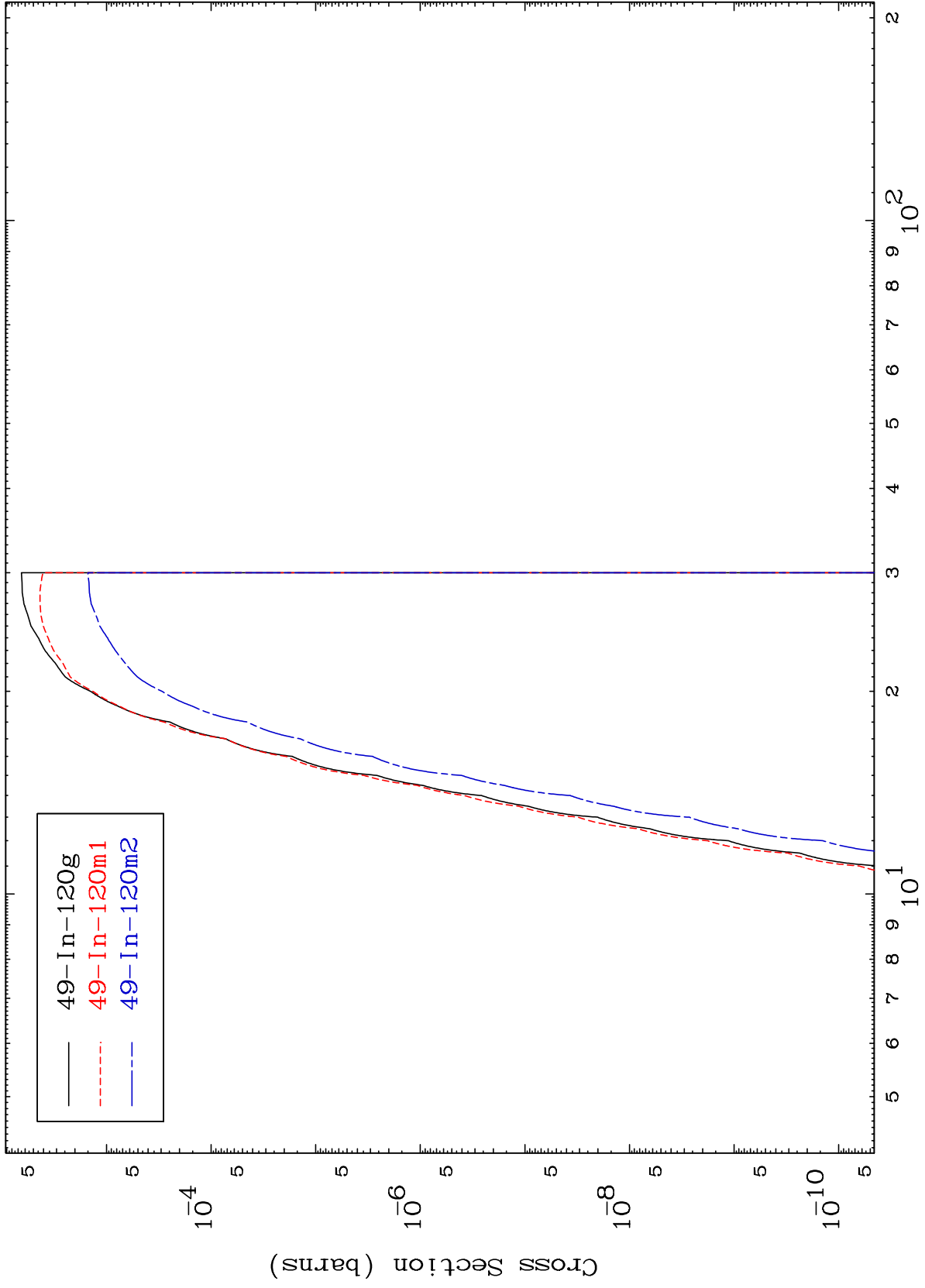


122

Incident Energy (MeV)

51-Sb-124

(n,n') α
Radionuclide Production Cross Section

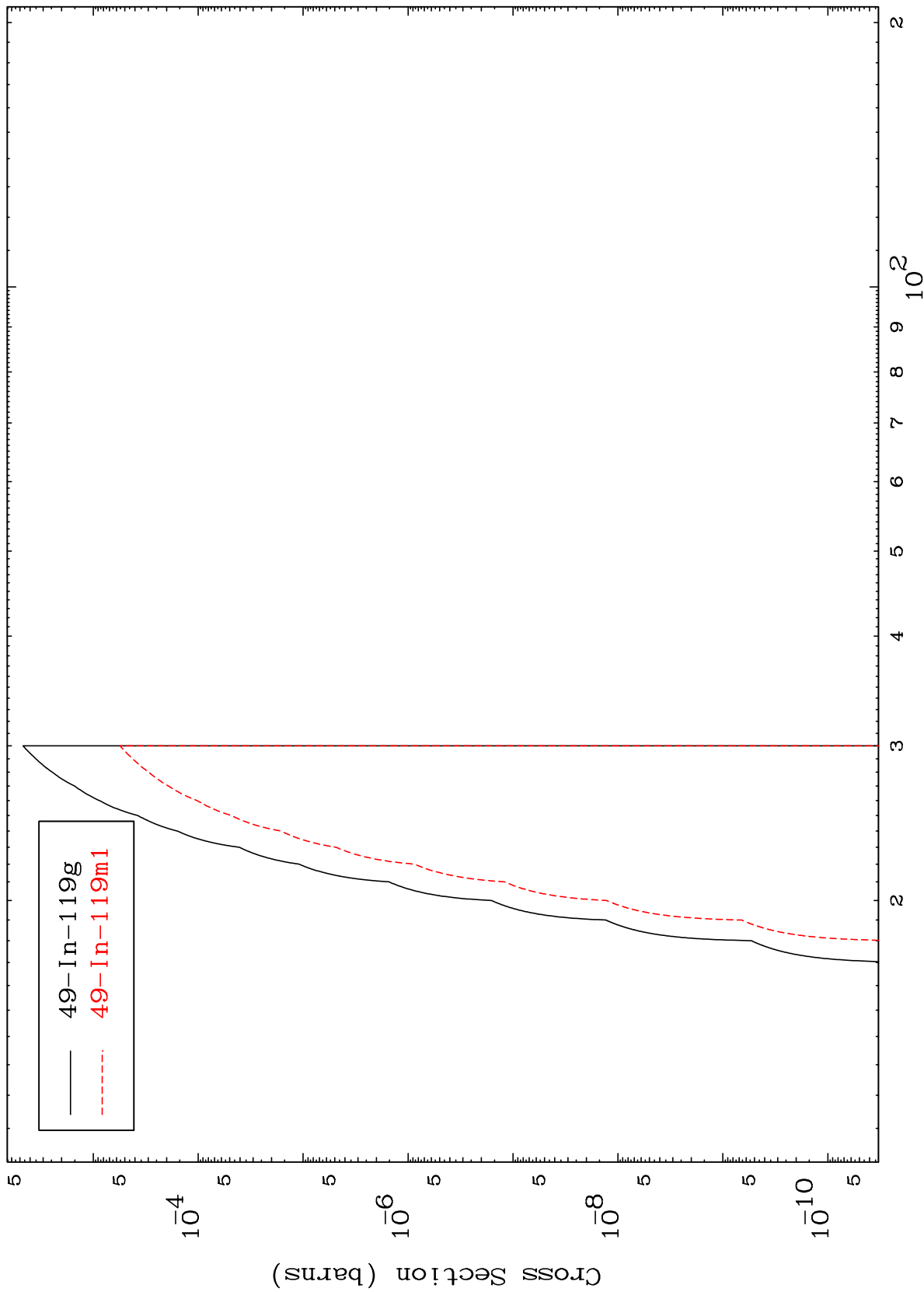


MAT 5134

(n,2n) α

51-Sb-124

Radionuclide Production Cross Section



49-In-119g
49-In-119m1

124

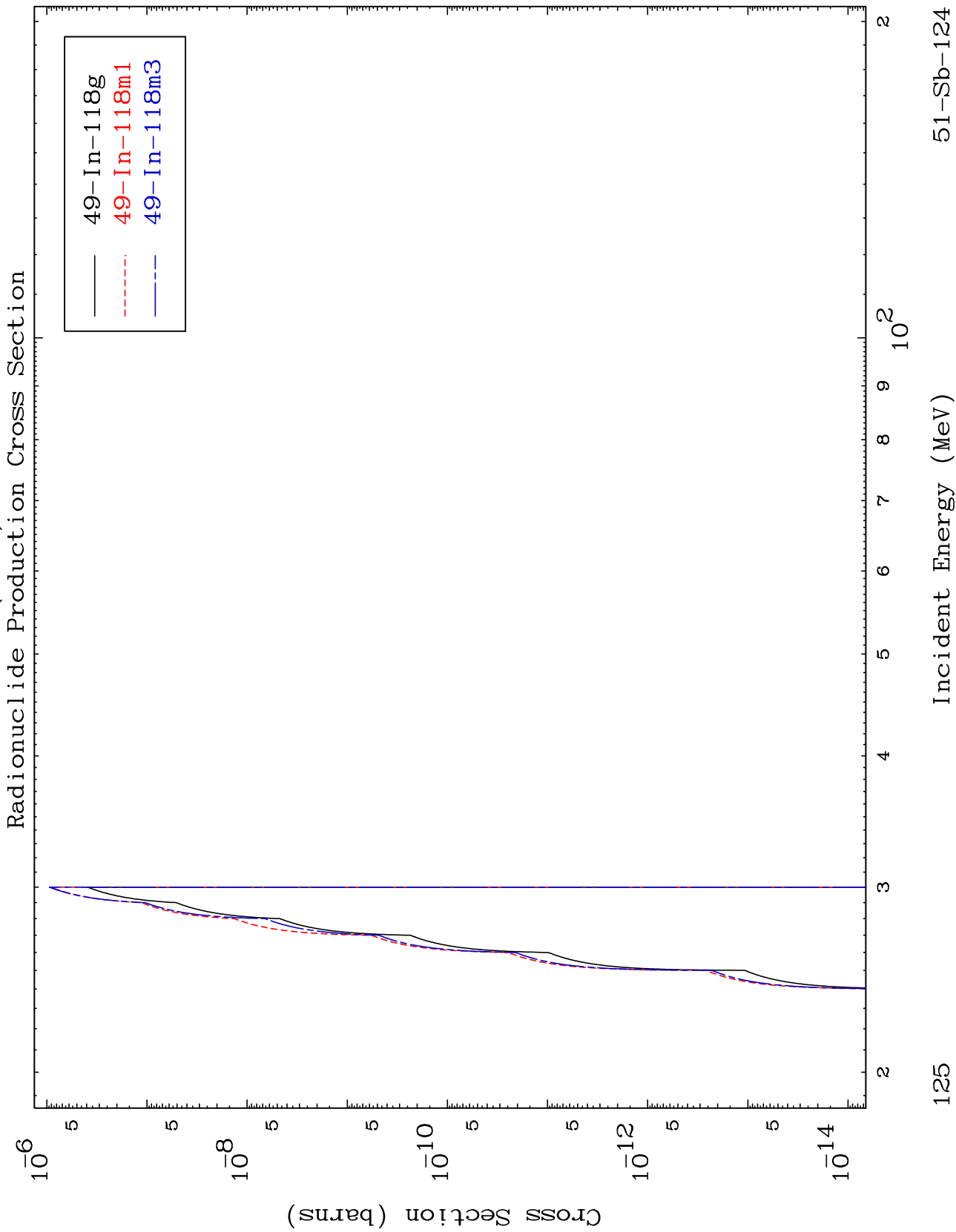
Incident Energy (MeV)

51-Sb-124

MAT 5134

(n,3n) α

51-Sb-124



125

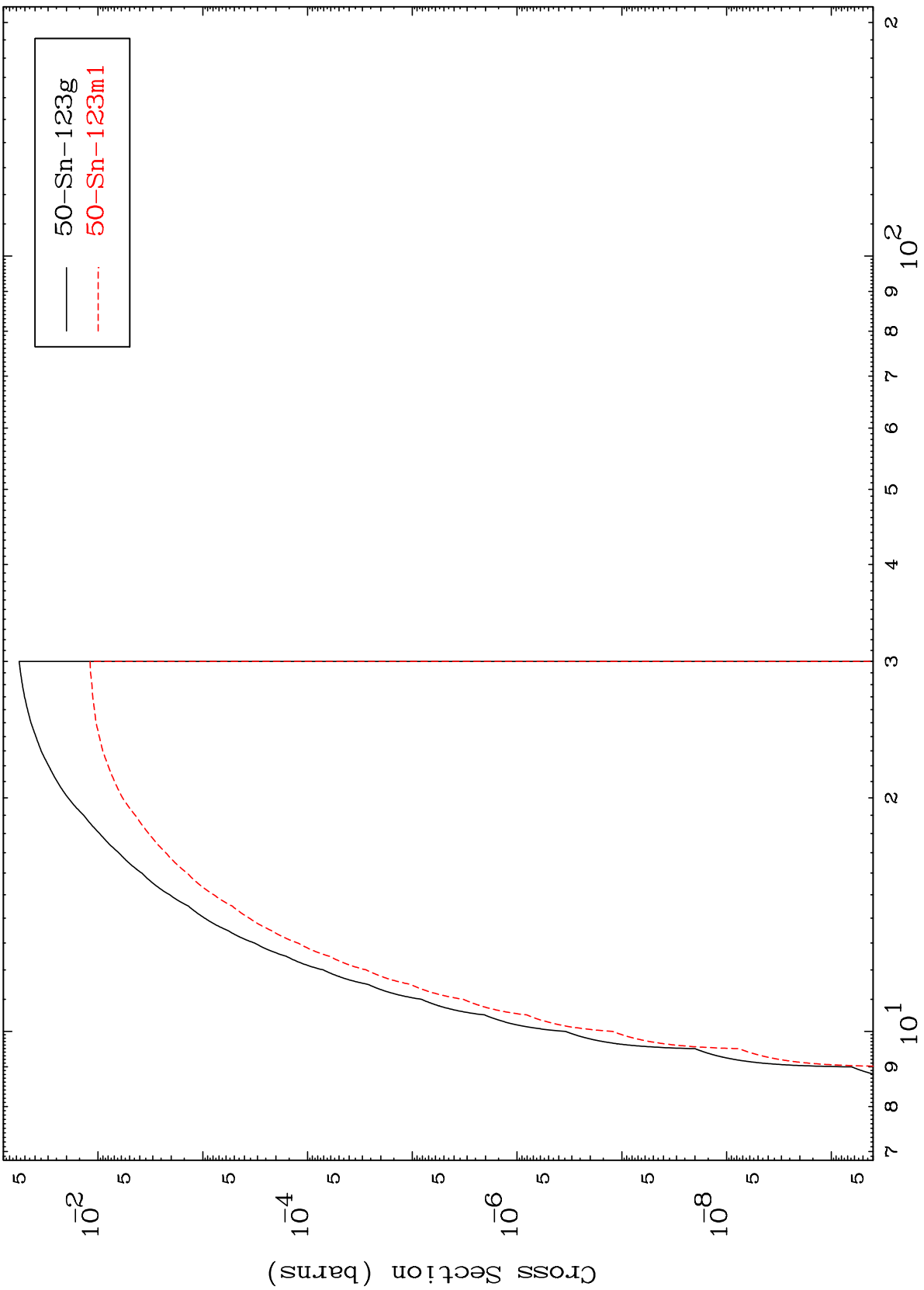
51-Sb-124

MAT 5134

(n,n') p

51-Sb-124

Radionuclide Production Cross Section

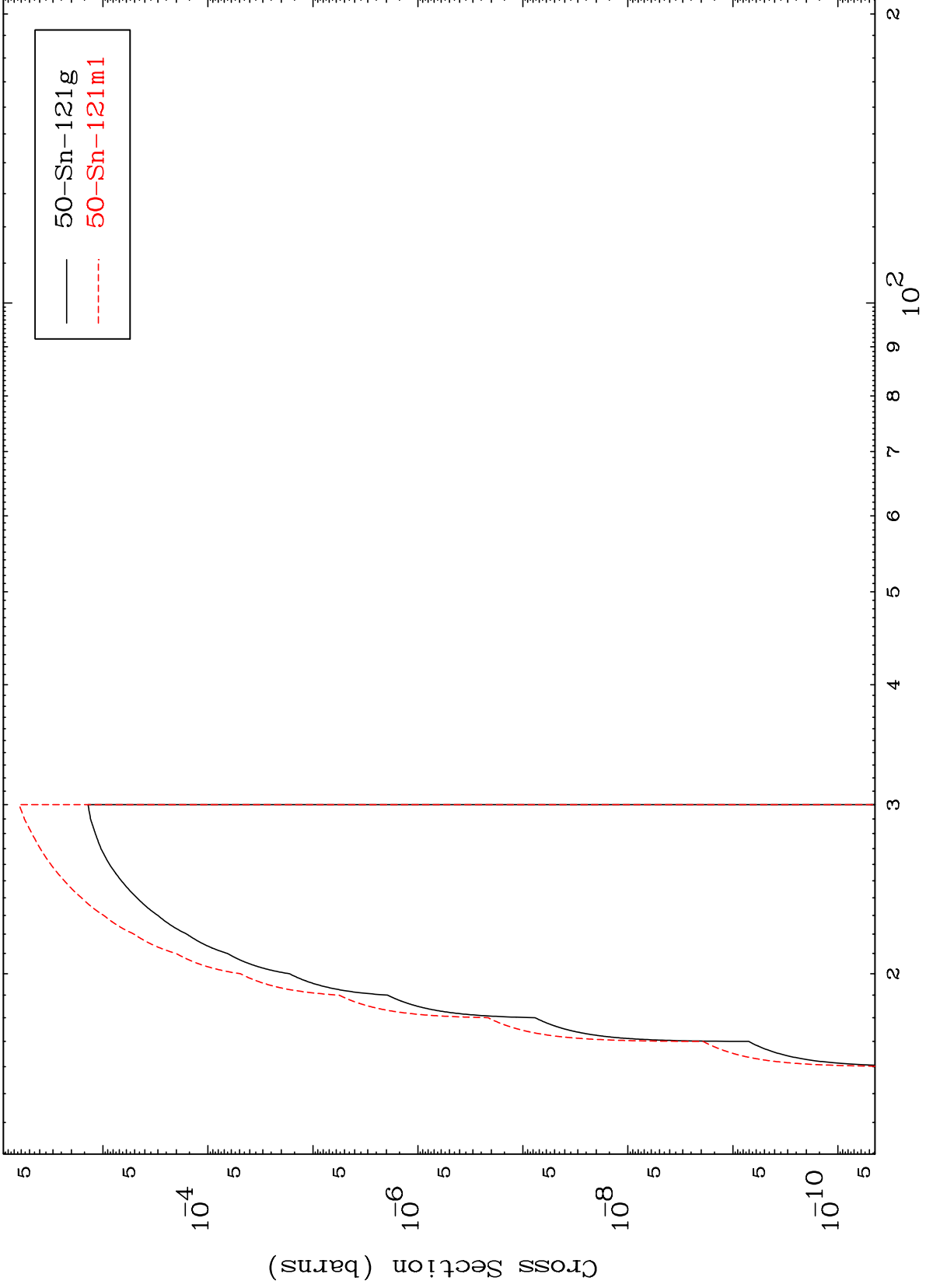


126

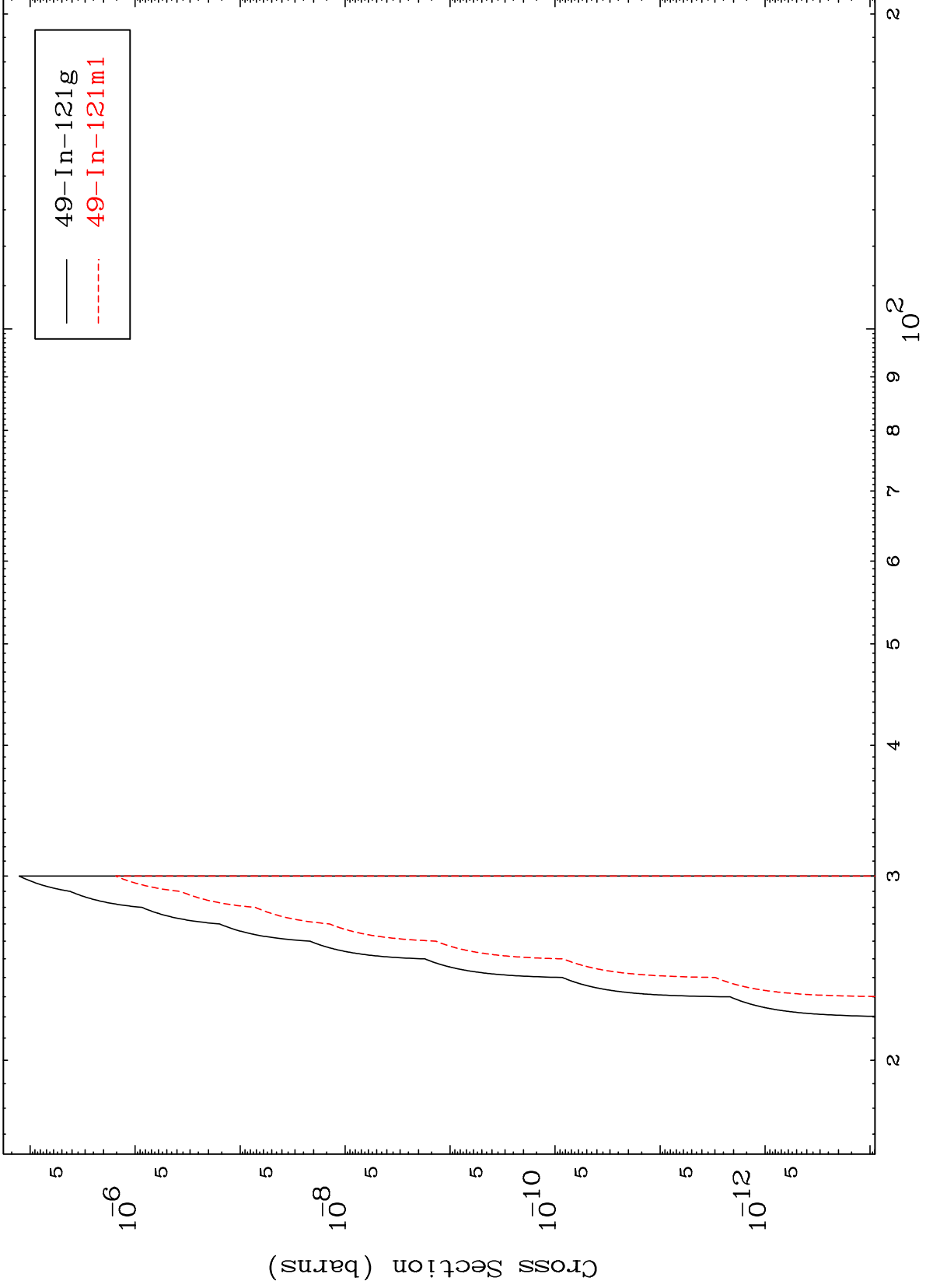
Incident Energy (MeV)

51-Sb-124

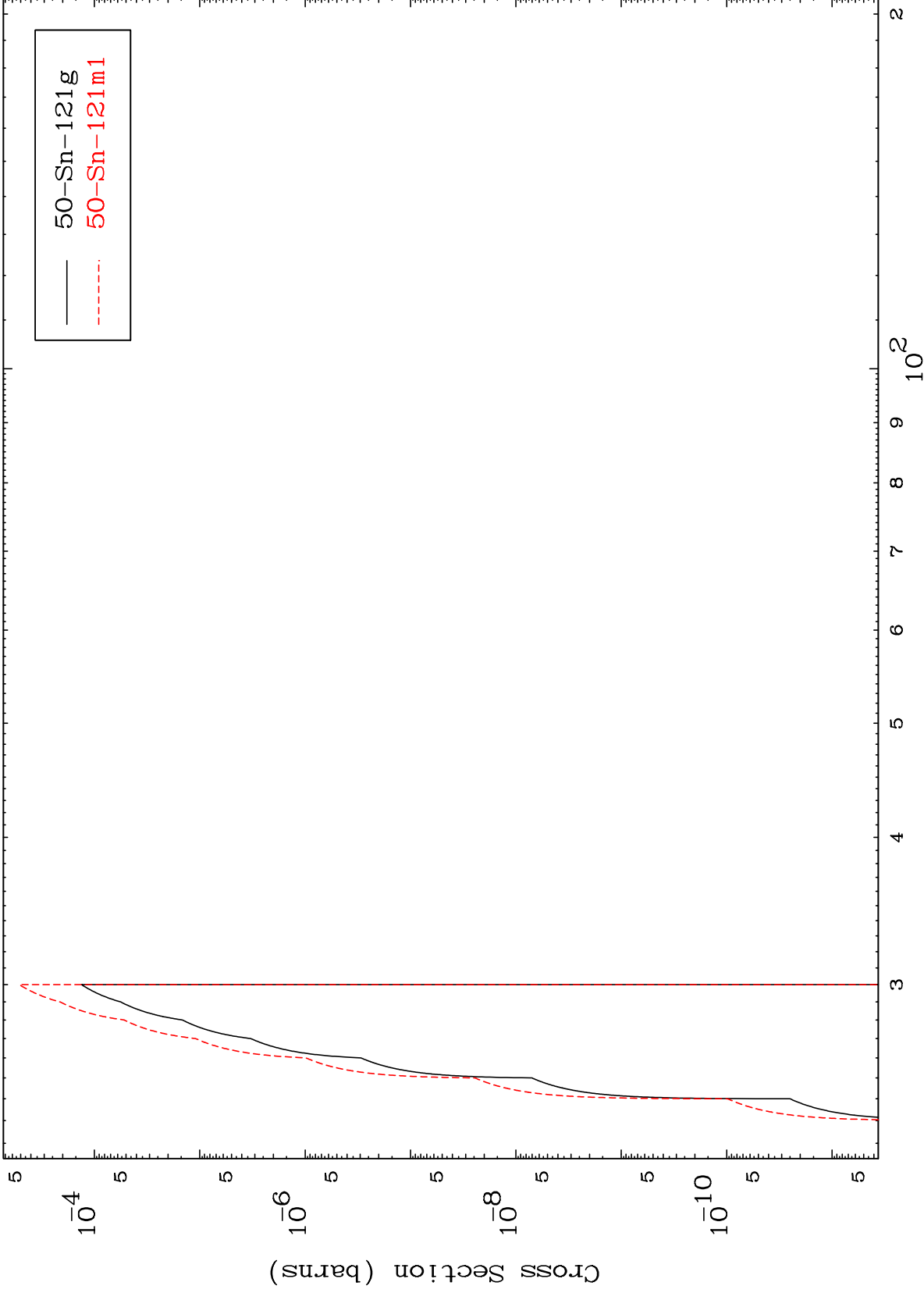
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

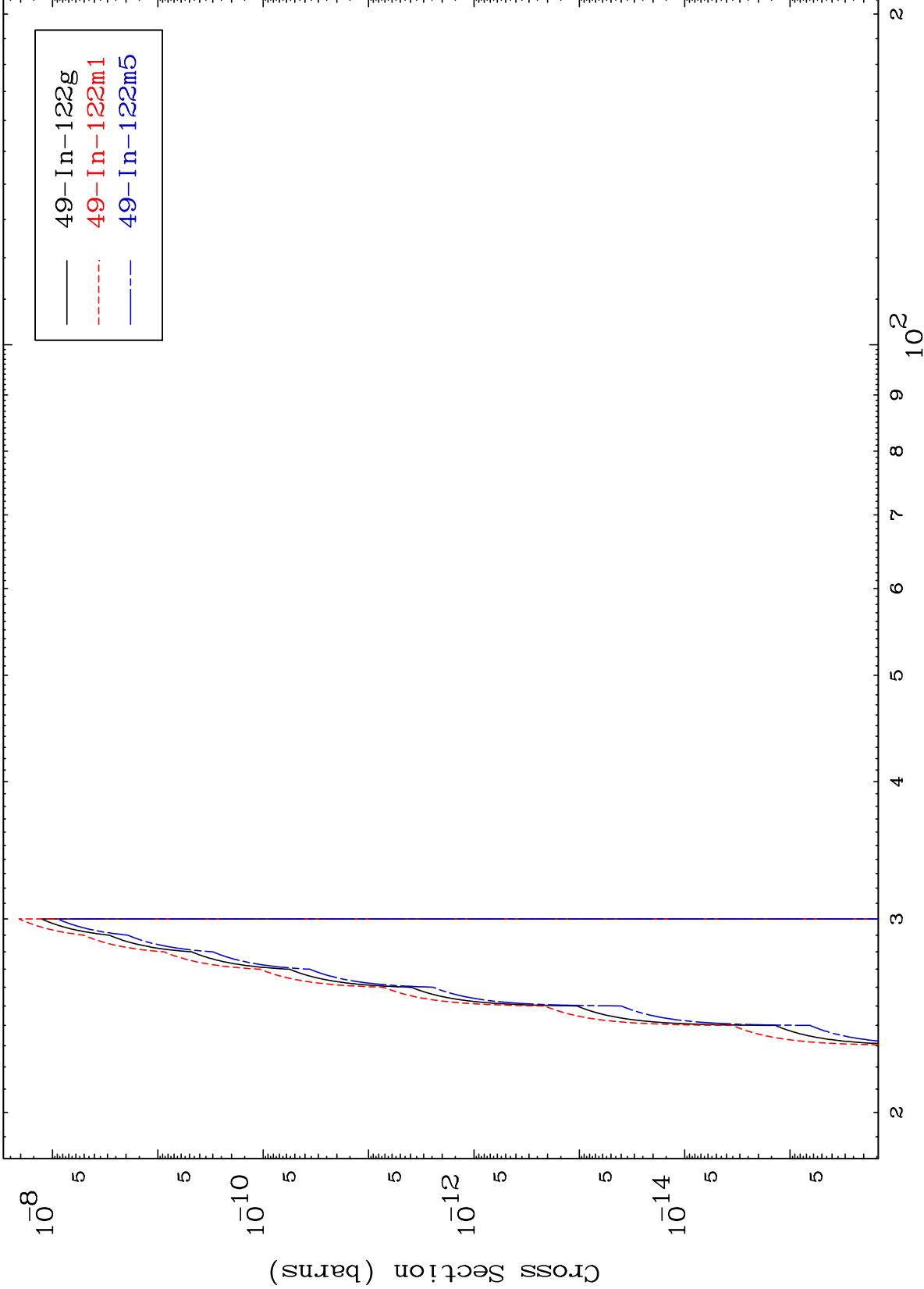


MAT 5134

(n,2n) p

51-Sb-124

Radionuclide Production Cross Section



130

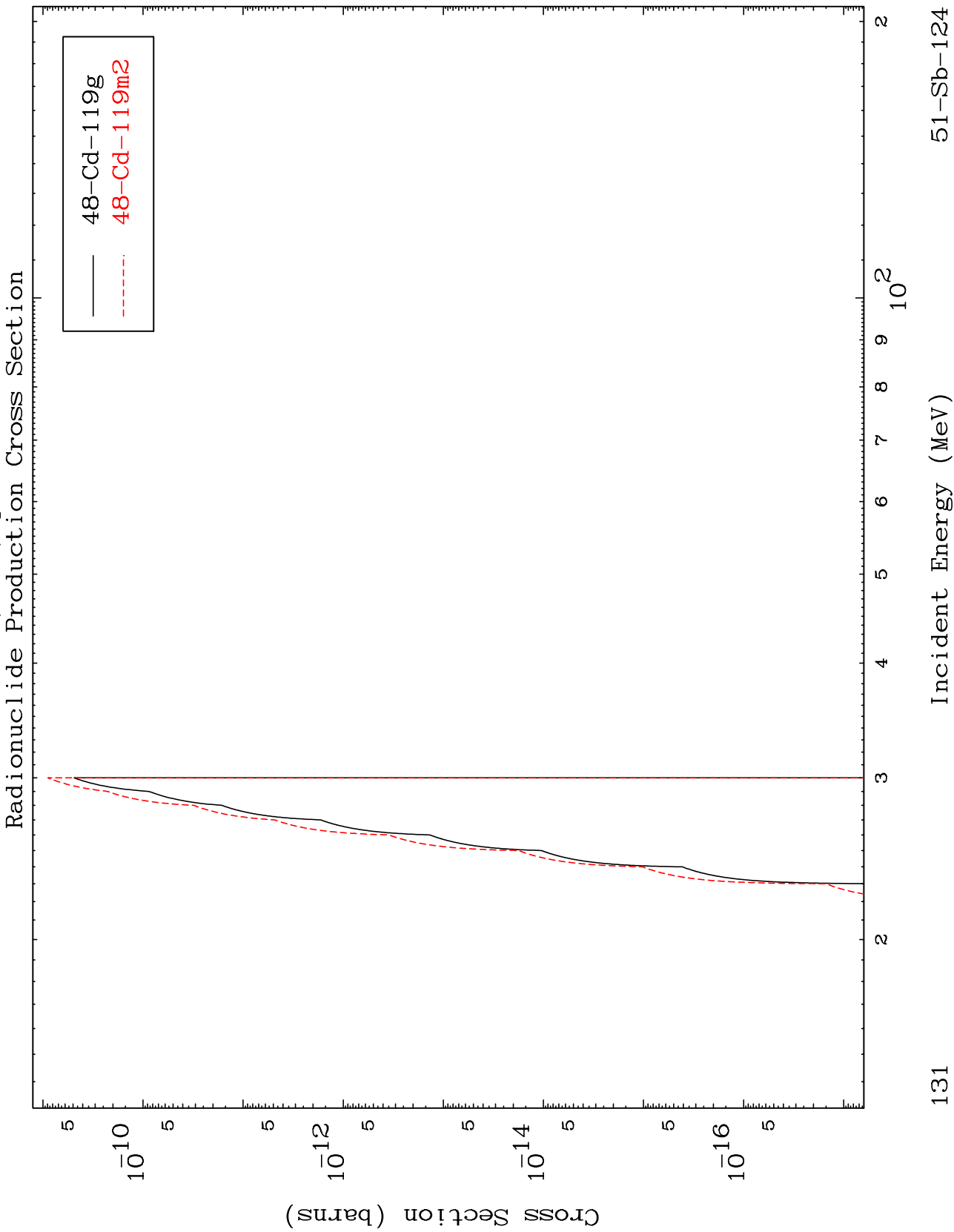
Incident Energy (MeV)

51-Sb-124

MAT 5134

(n,n') p α

51-Sb-124



131

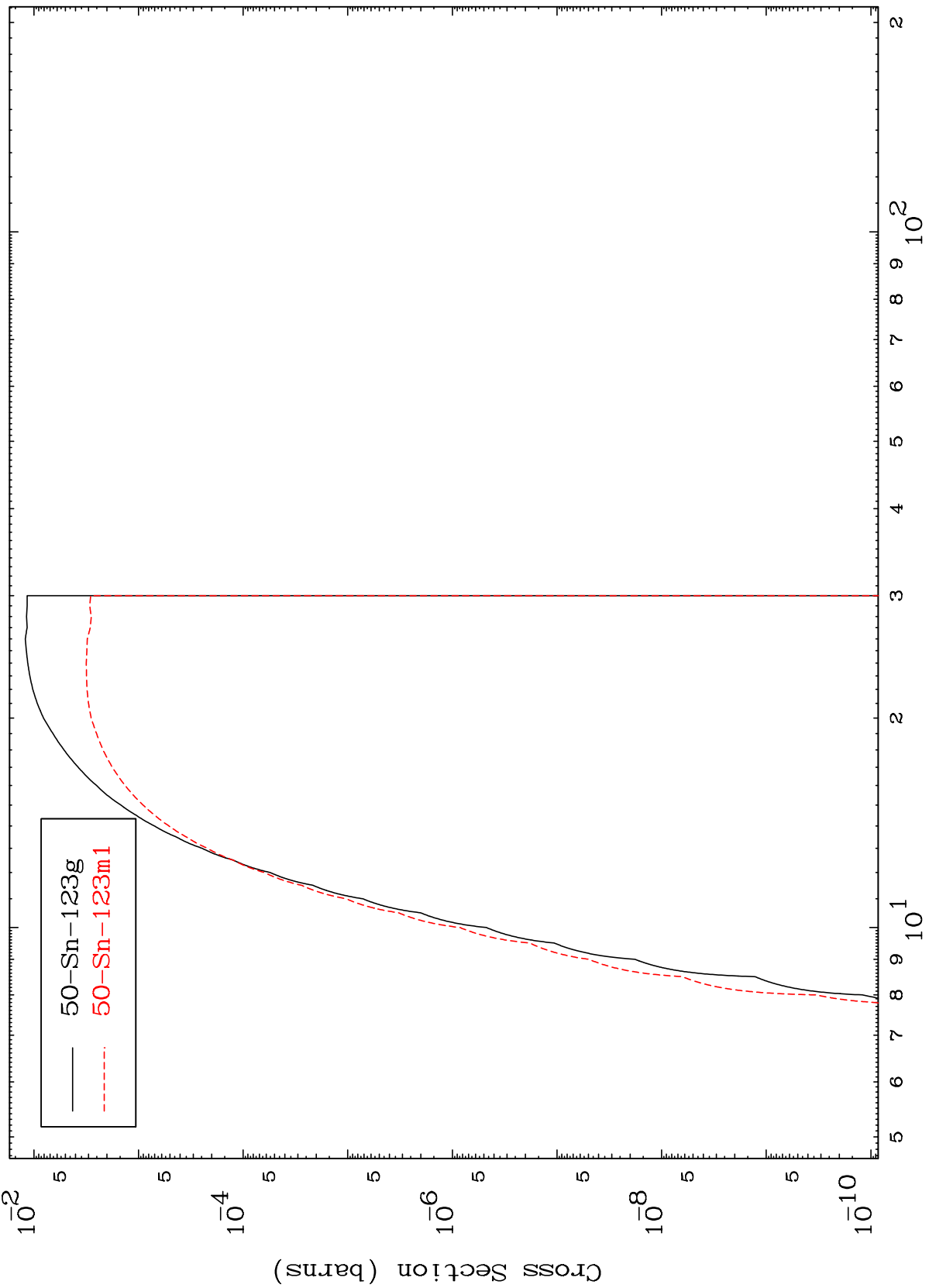
51-Sb-124

MAT 5134

(n,d)

51-Sb-124

Radionuclide Production Cross Section

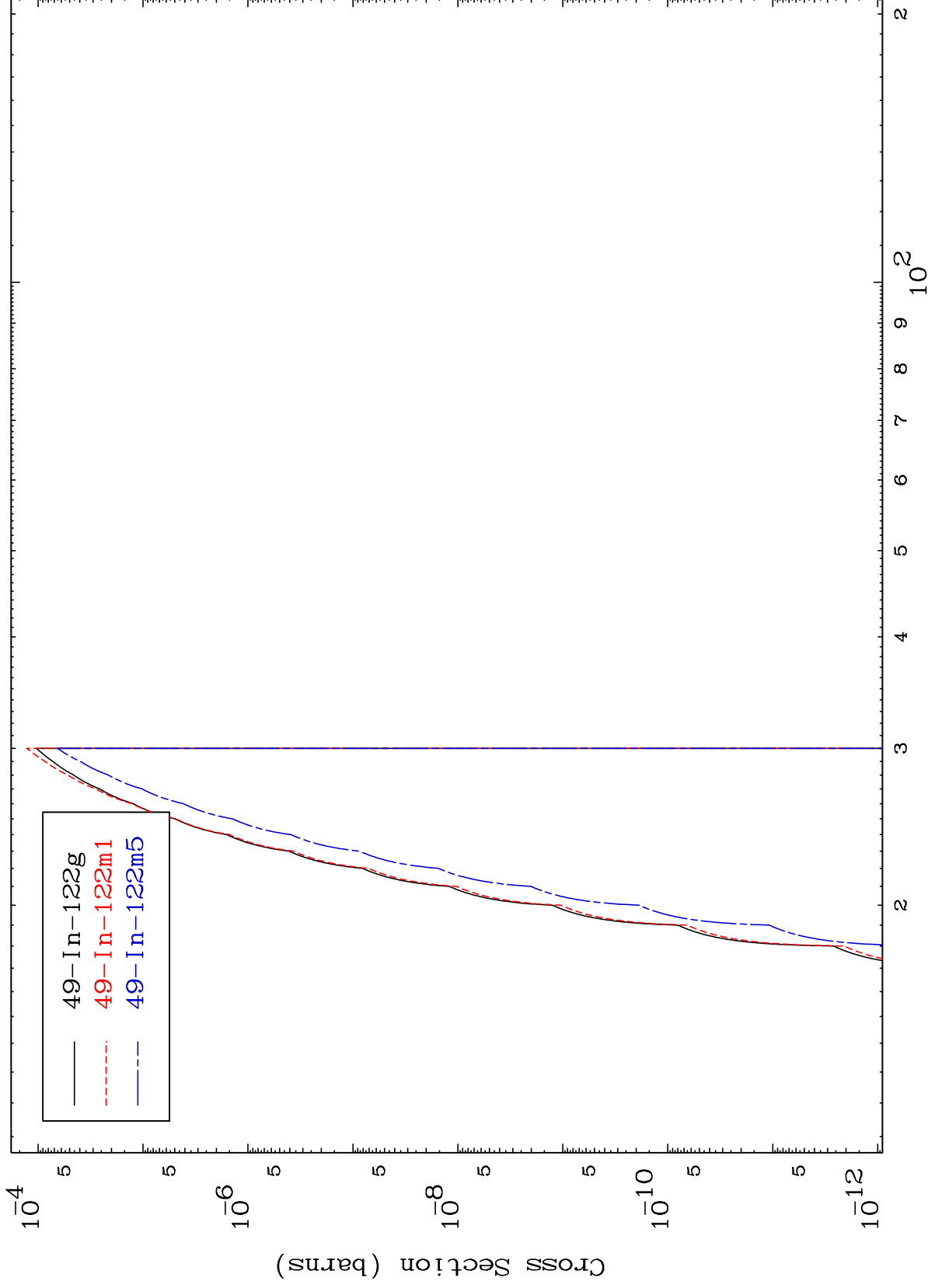


132

Incident Energy (MeV)

51-Sb-124

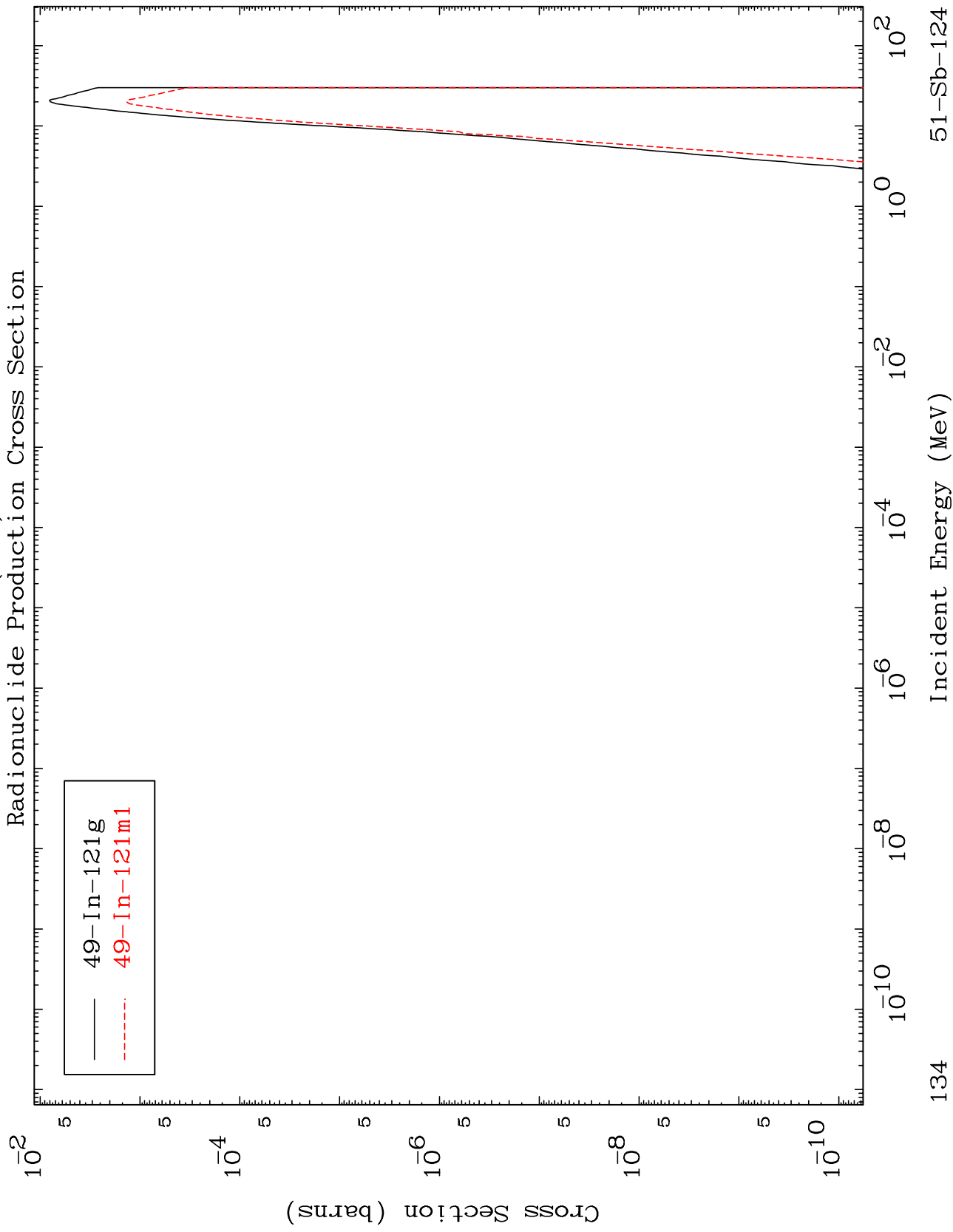
Radionuclide Production Cross Section



MAT 5134

51-Sb-124

Radionuclide Production Cross Section
(n, α)

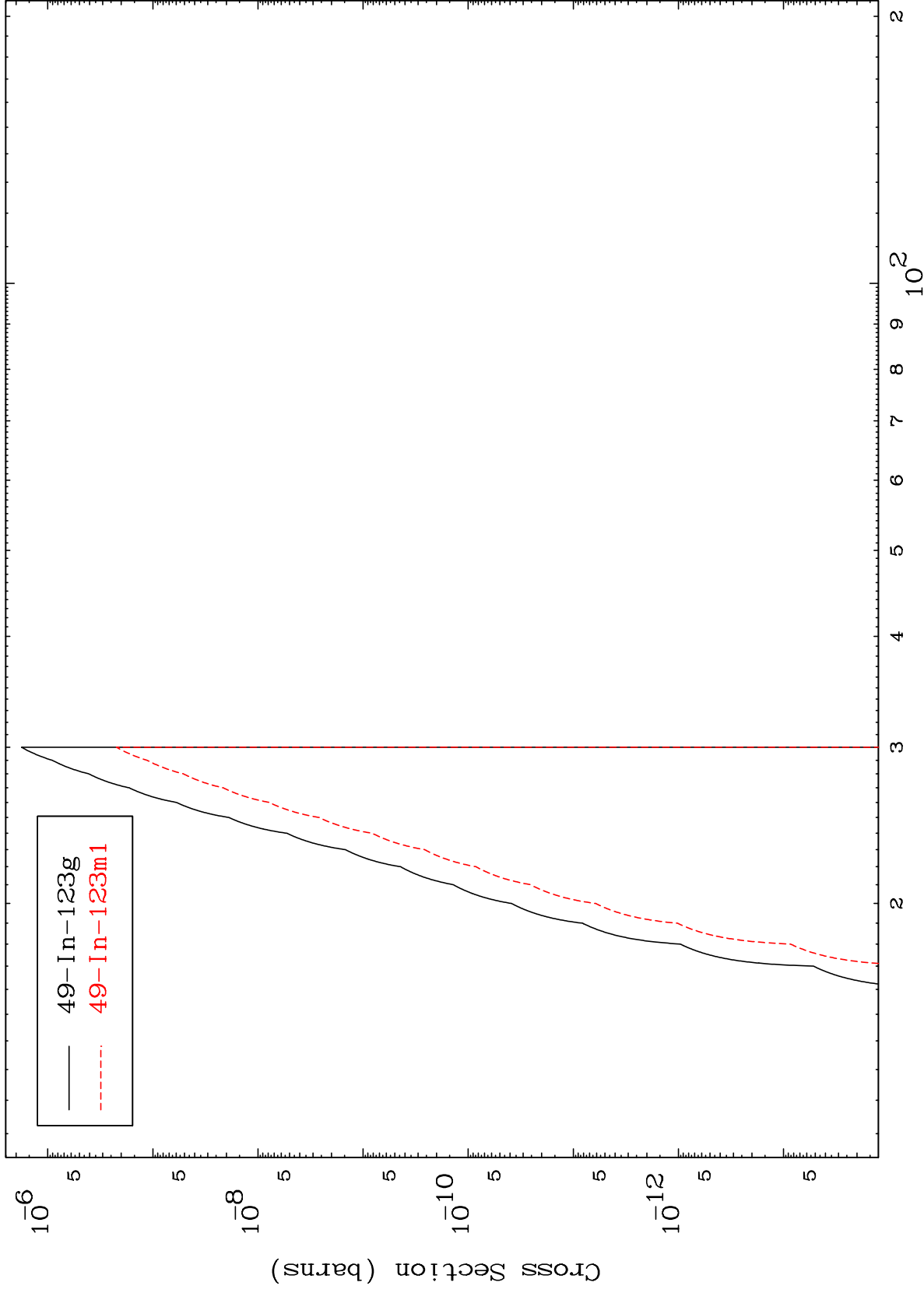


134

MAT 5134

51-Sb-124

(n,2p)
Radionuclide Production Cross Section

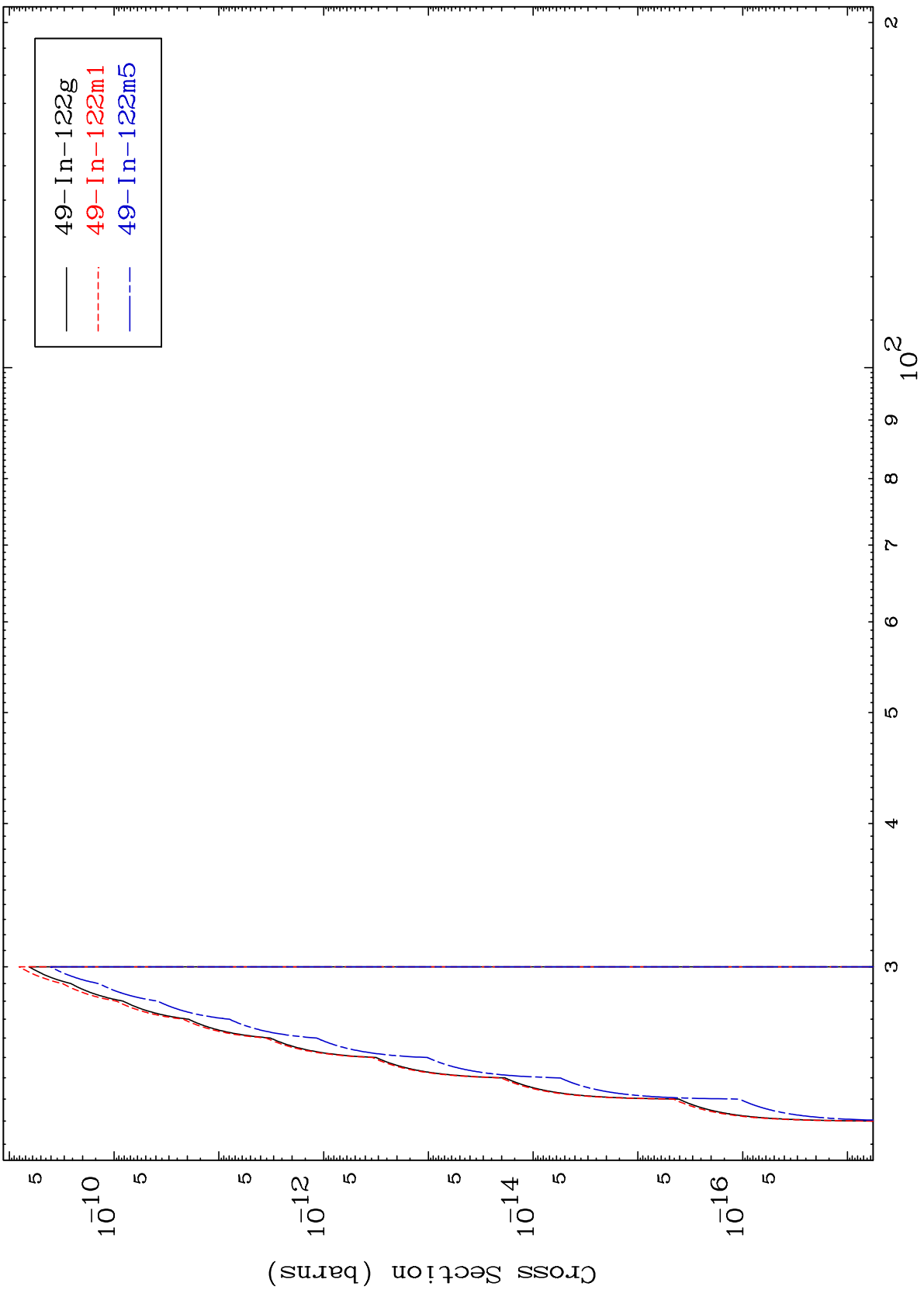


135

51-Sb-124

Incident Energy (MeV)

Radionuclide Production Cross Section

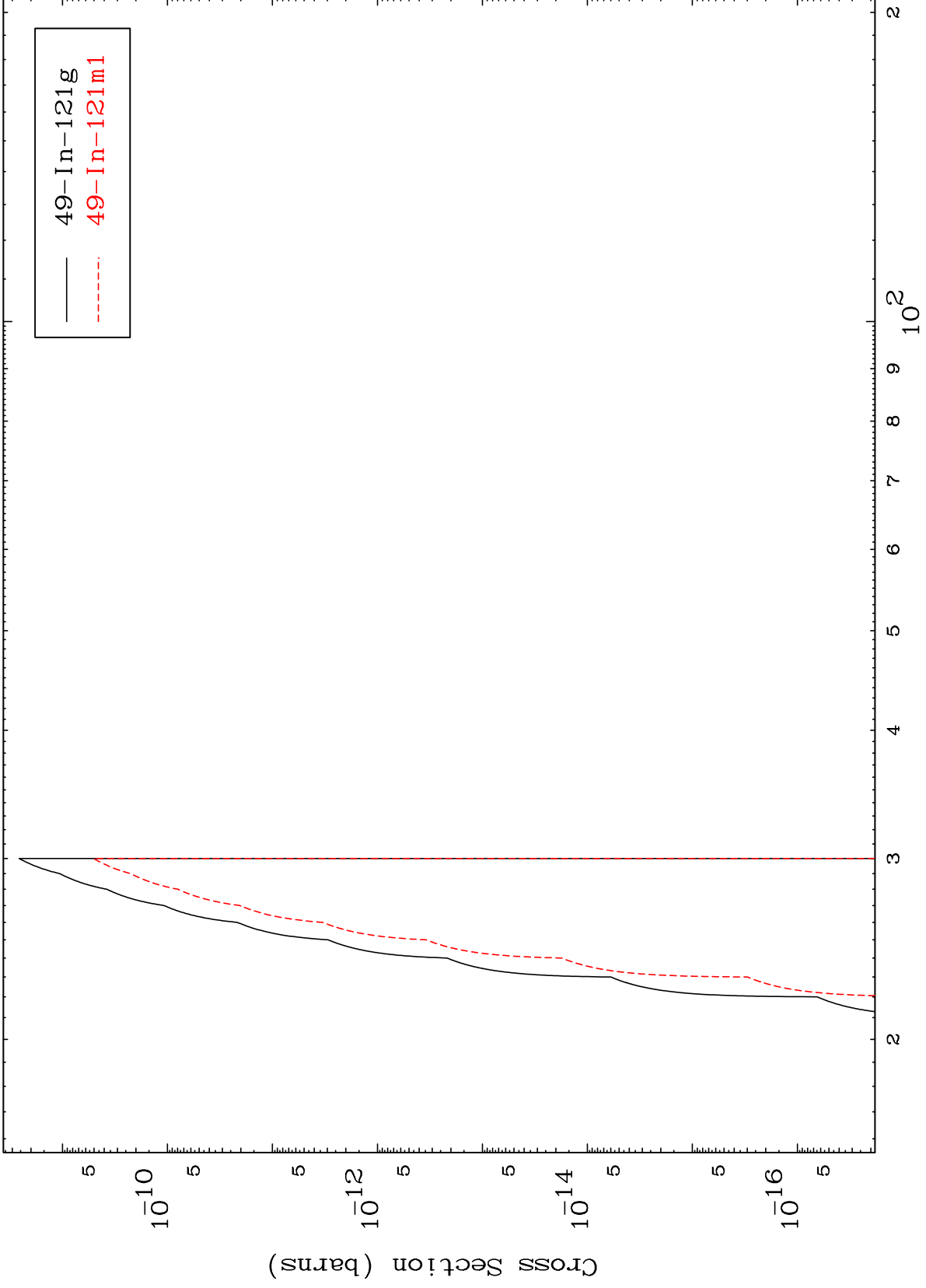


MAT 5134

(n,p) t

51-Sb-124

Radionuclide Production Cross Section



137

Incident Energy (MeV)

51-Sb-124