

Program EVALPLOT
(Version 2021-1)

by

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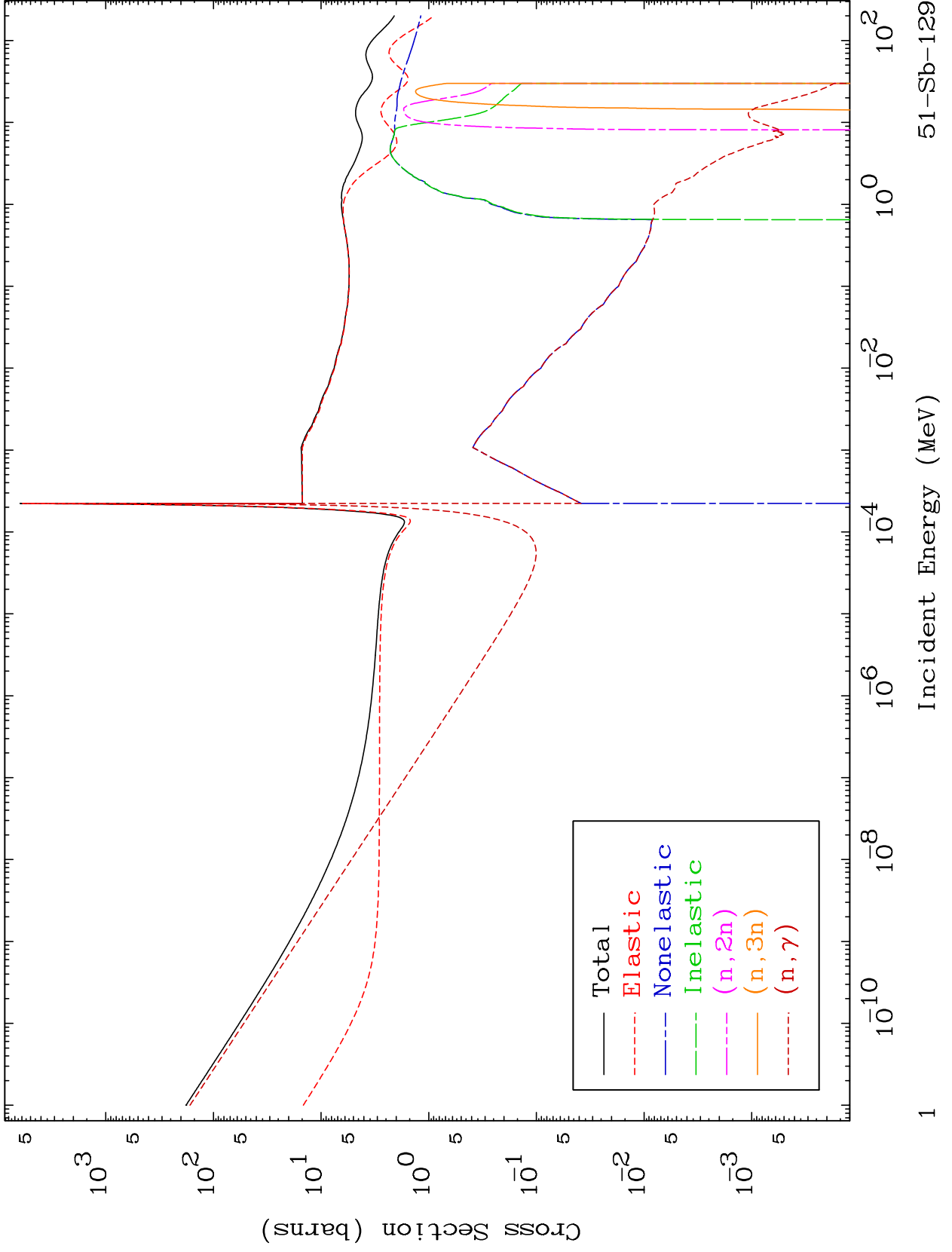
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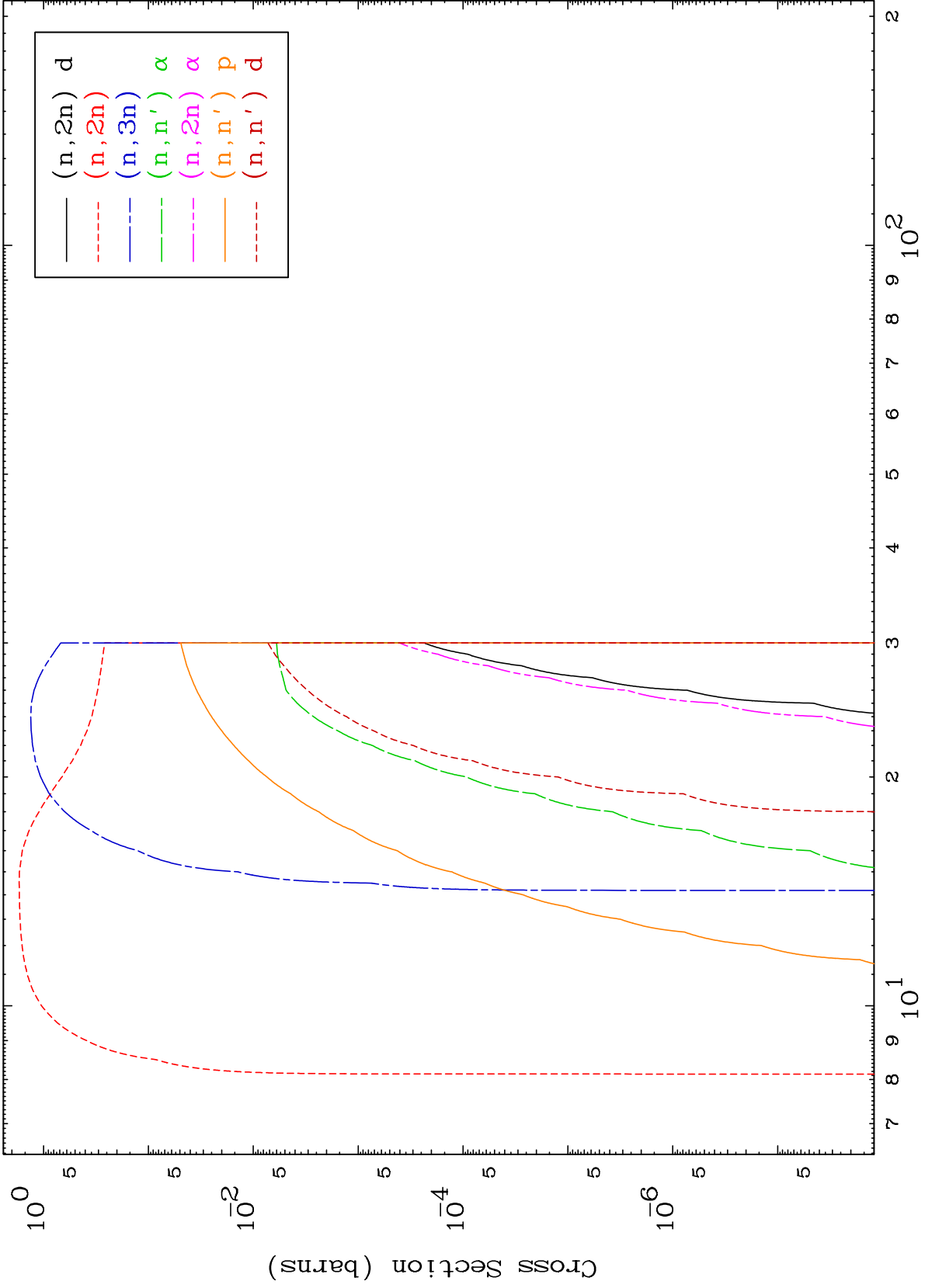
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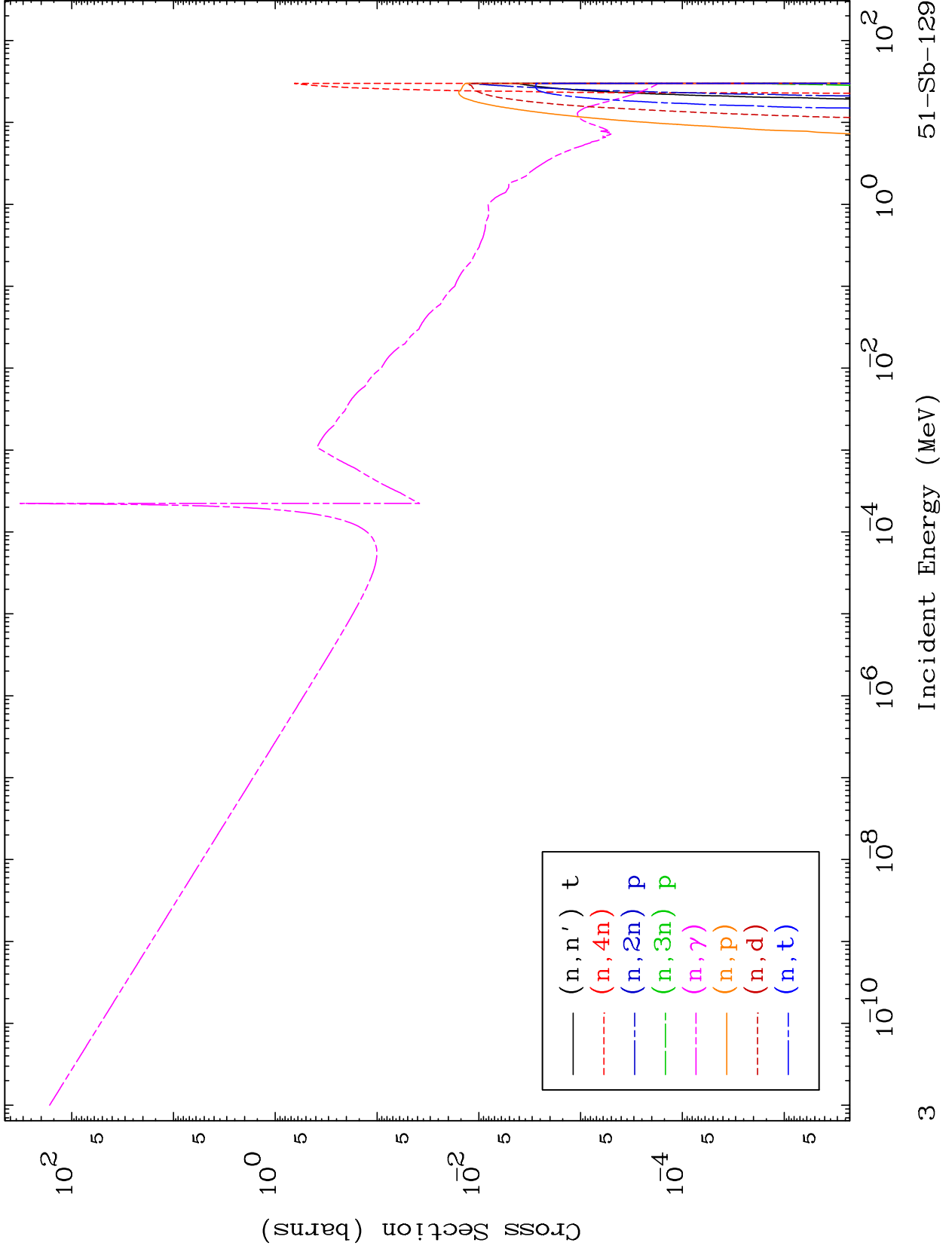
MAT 5149

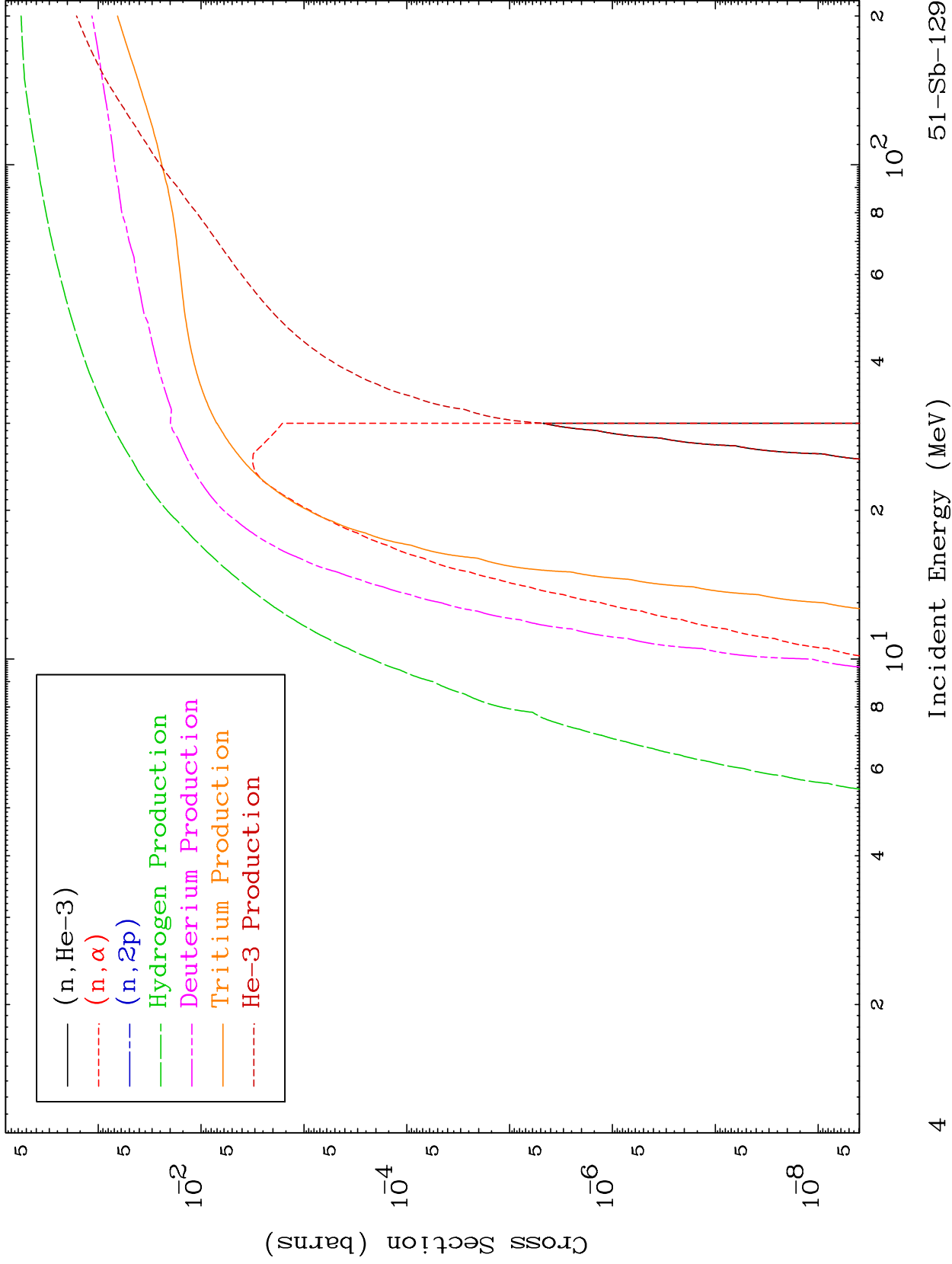
Neutron Major
293 Kelvin Cross Sections

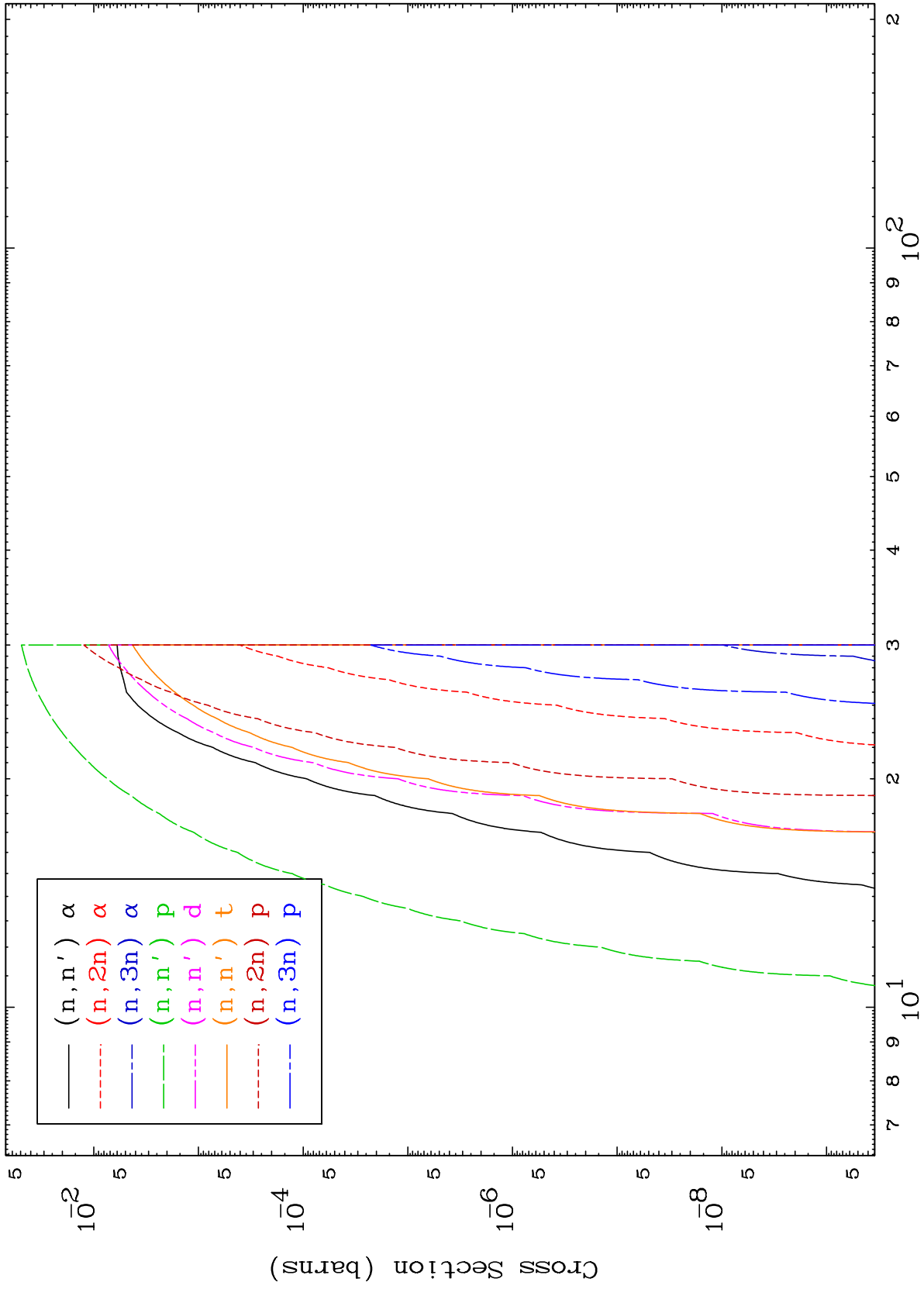
51-Sb-129

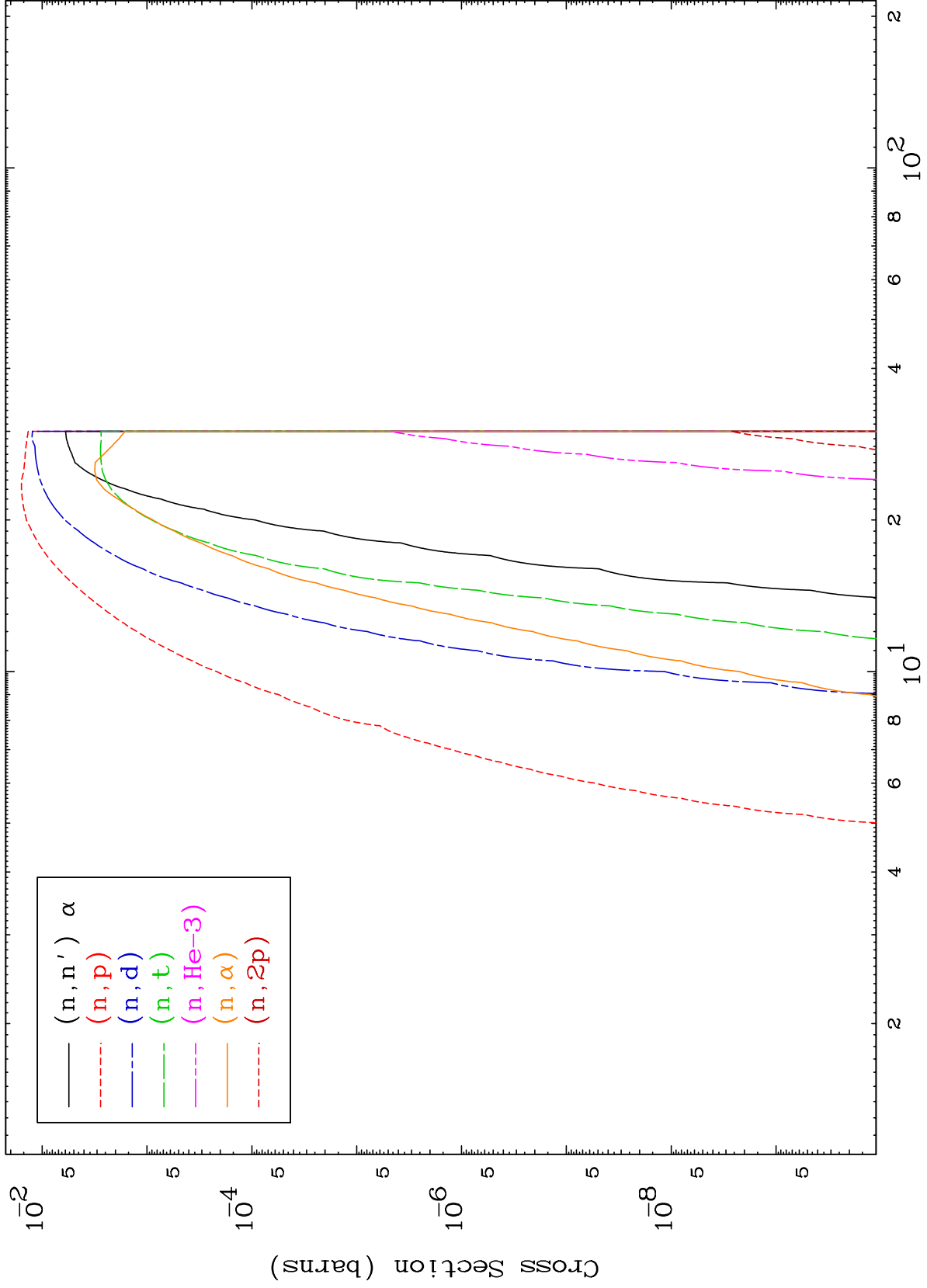


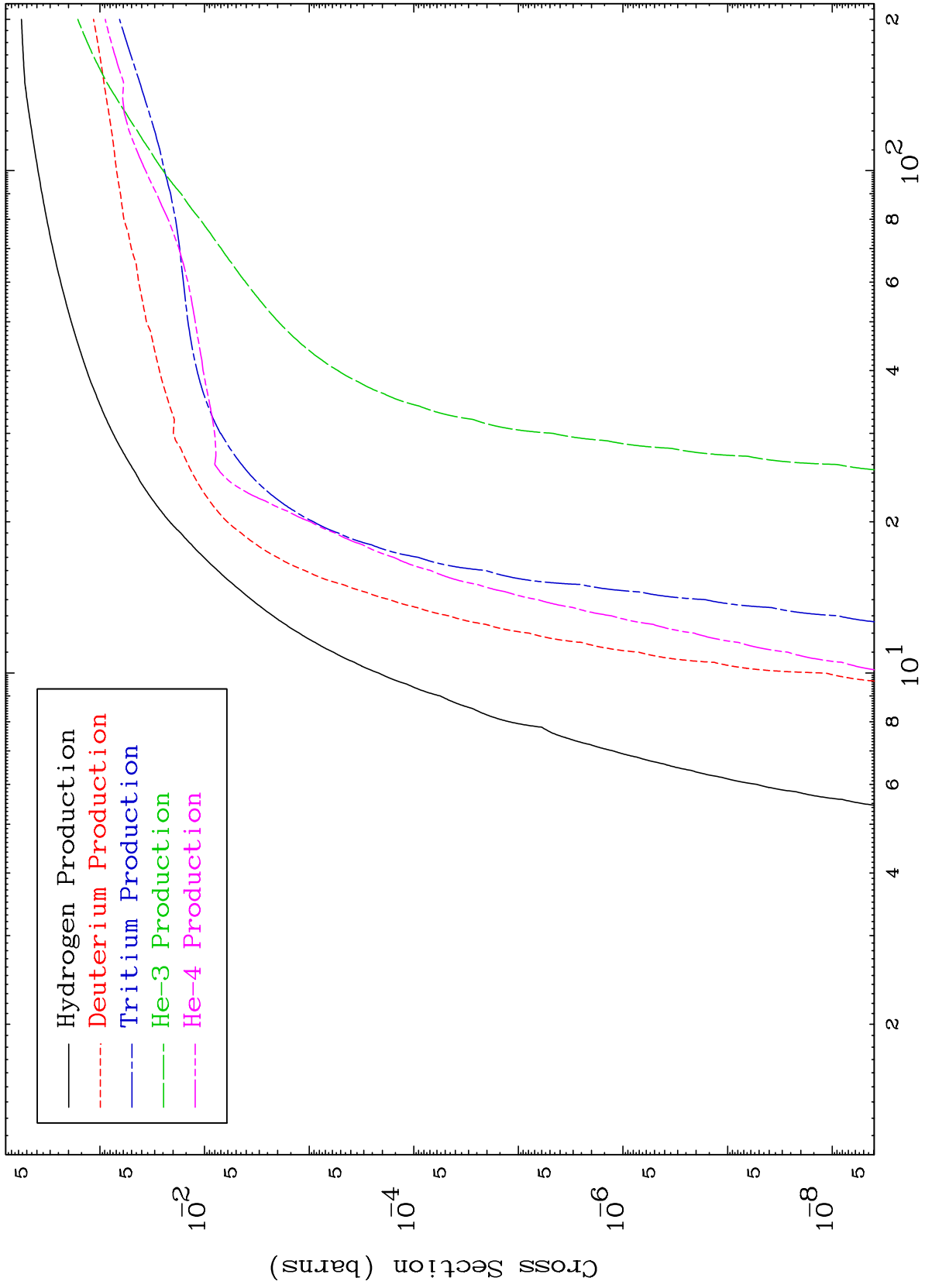




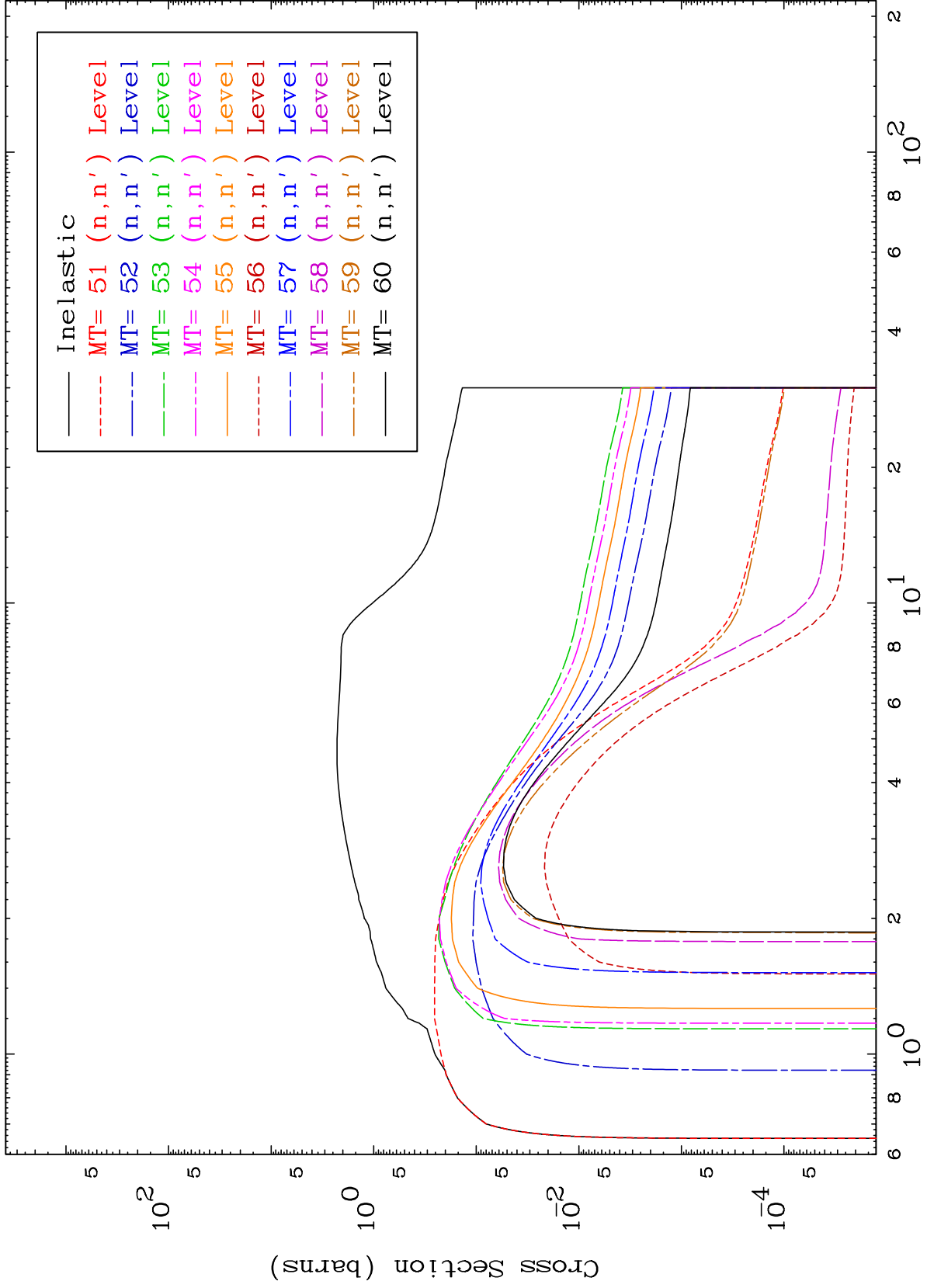




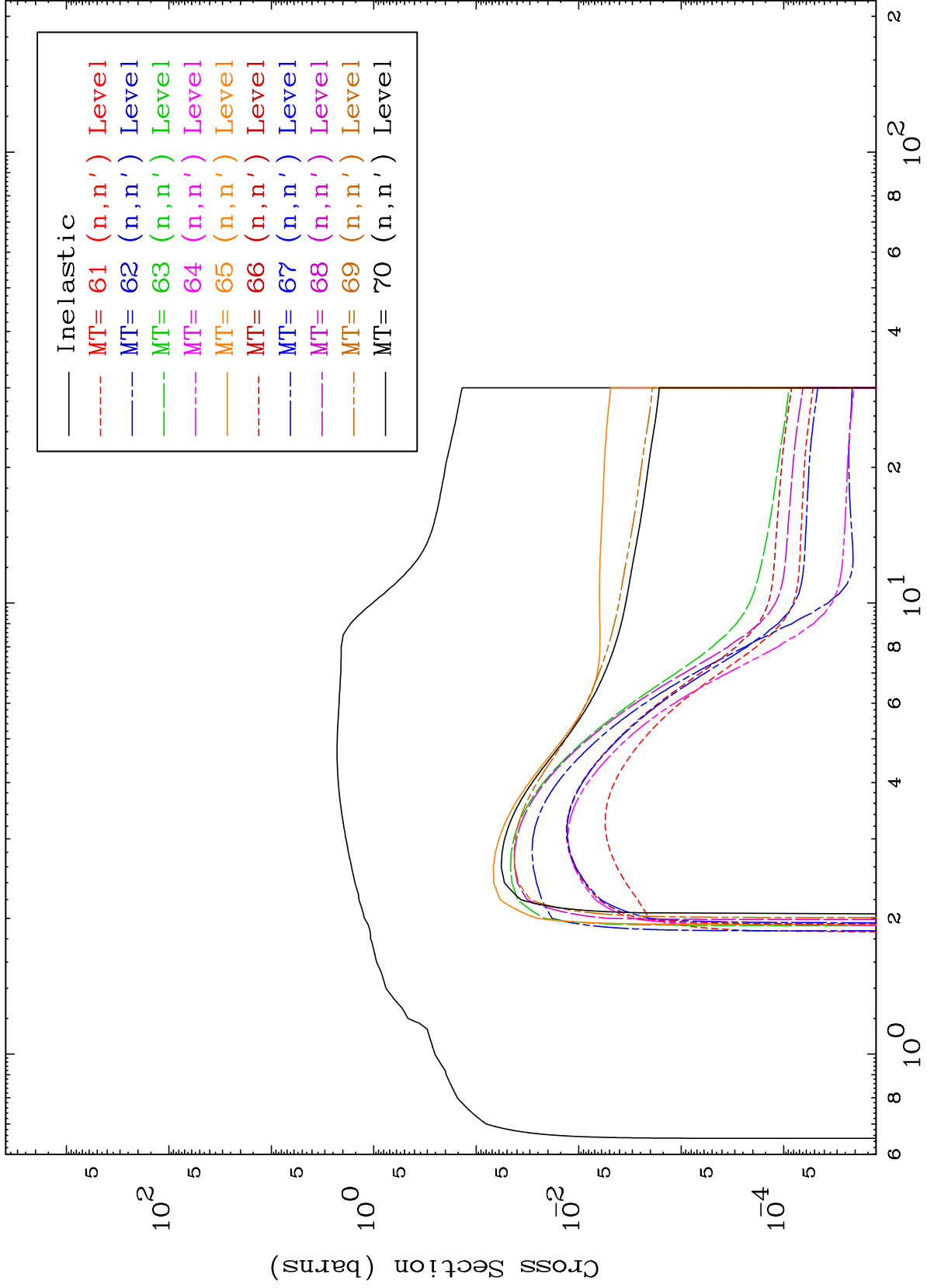




293 Kelvin Cross Sections



293 Kelvin Cross Sections

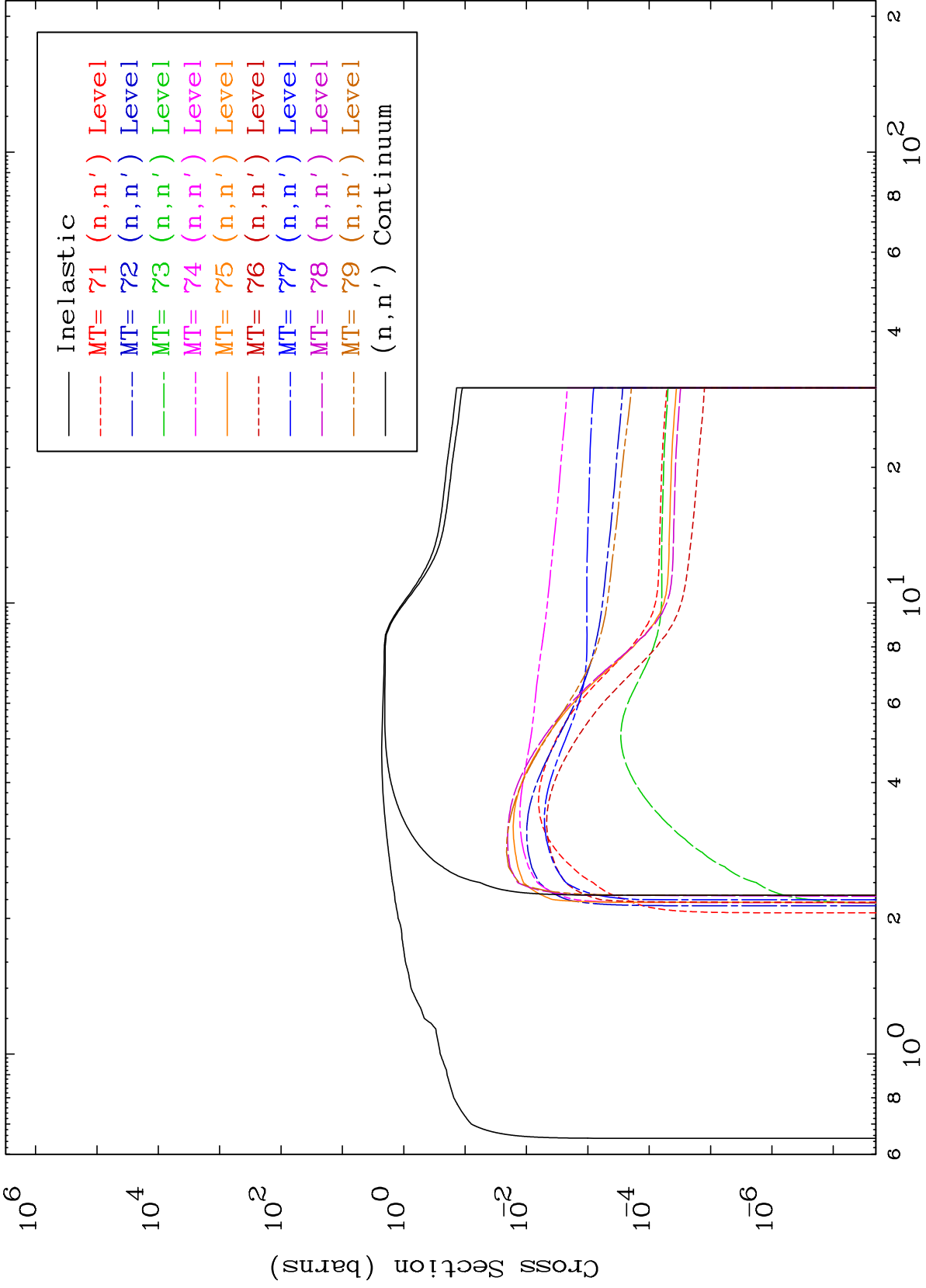


MAT 5149

(n,n') Levels

51-Sb-129

293 Kelvin Cross Sections



10

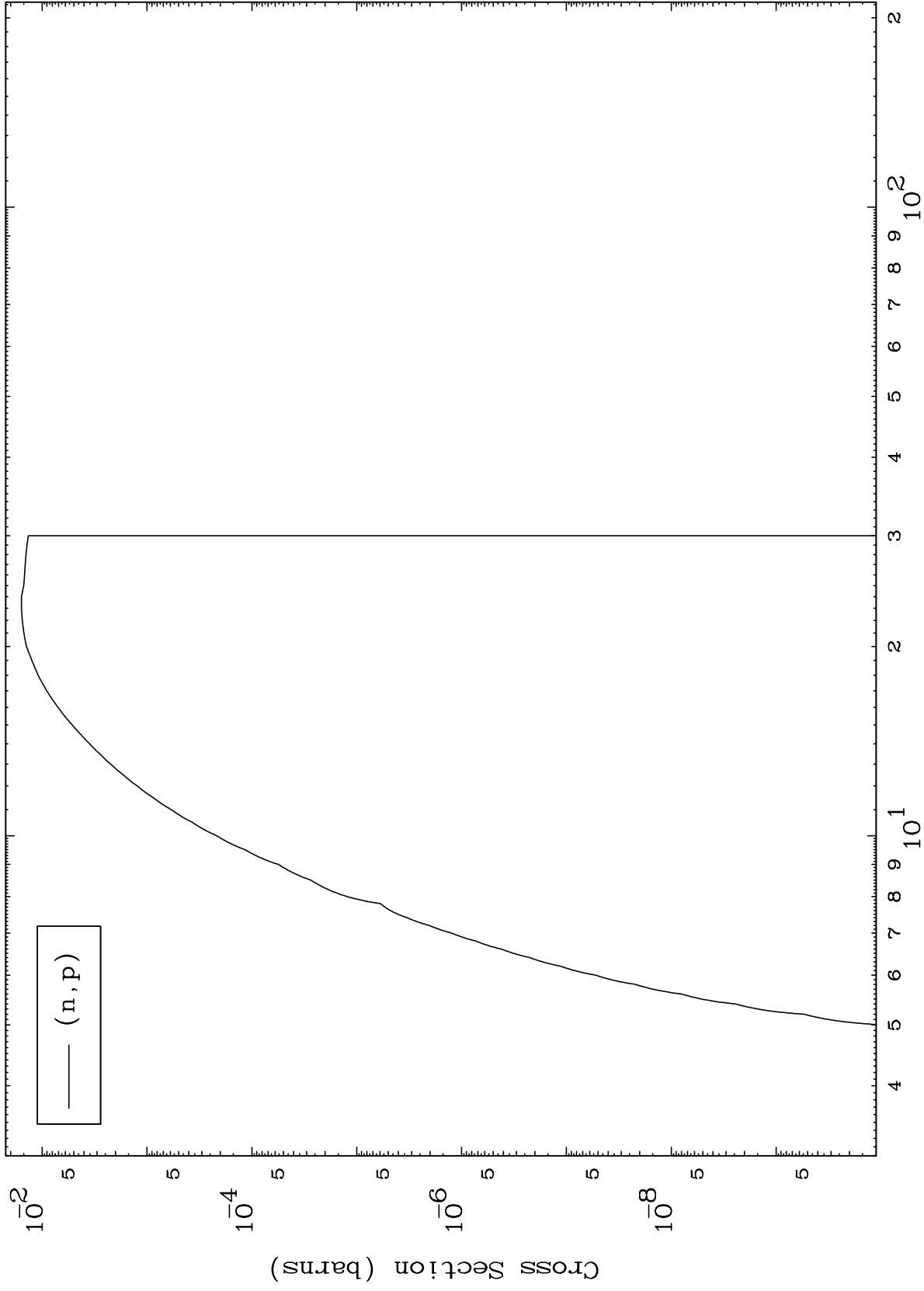
Incident Energy (MeV)

51-Sb-129

MAT 5149

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-129



11

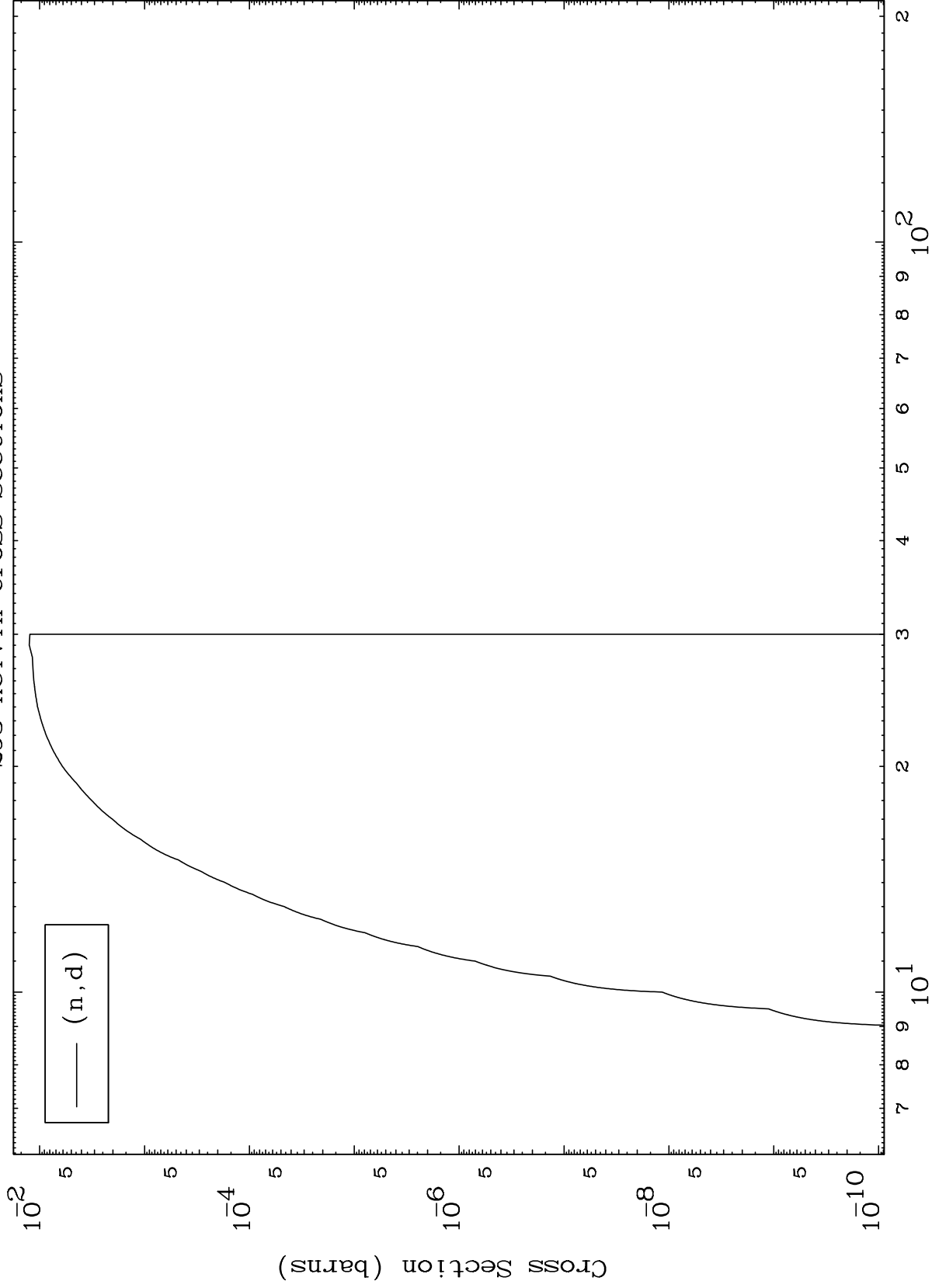
Incident Energy (MeV)

51-Sb-129

MAT 5149

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-129



12

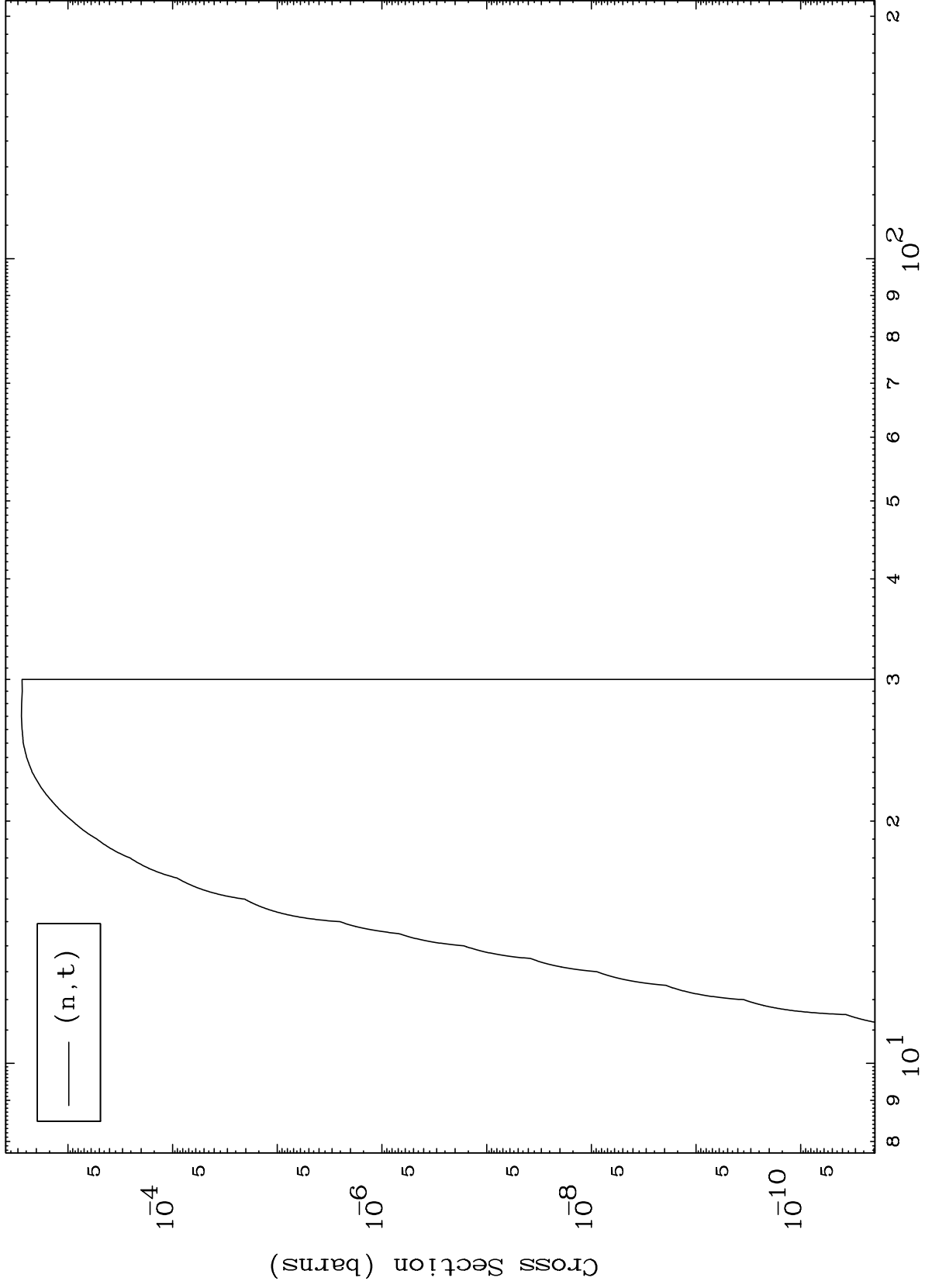
Incident Energy (MeV)

51-Sb-129

MAT 5149

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-129



13

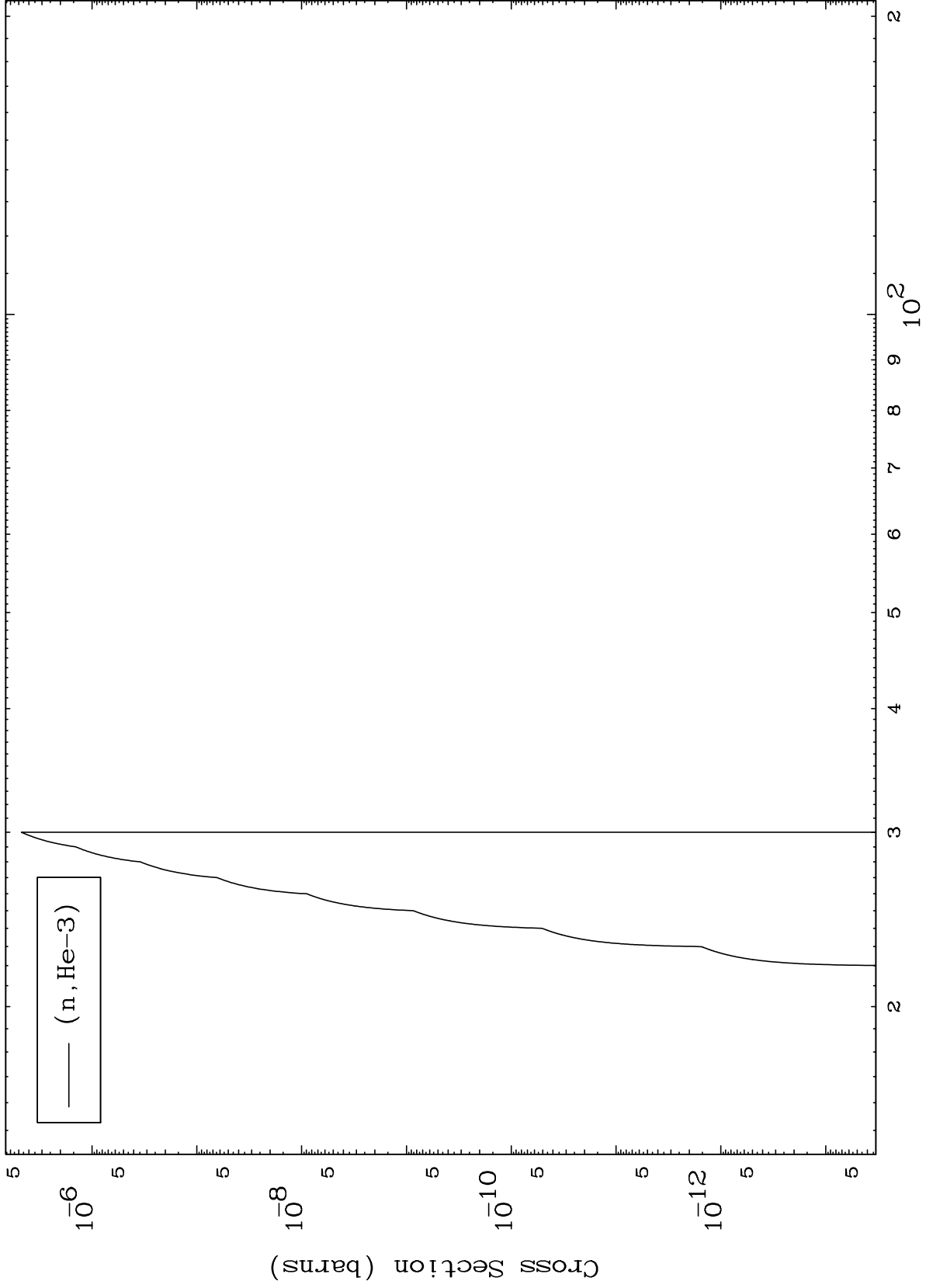
Incident Energy (MeV)

51-Sb-129

MAT 5149

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-129



14

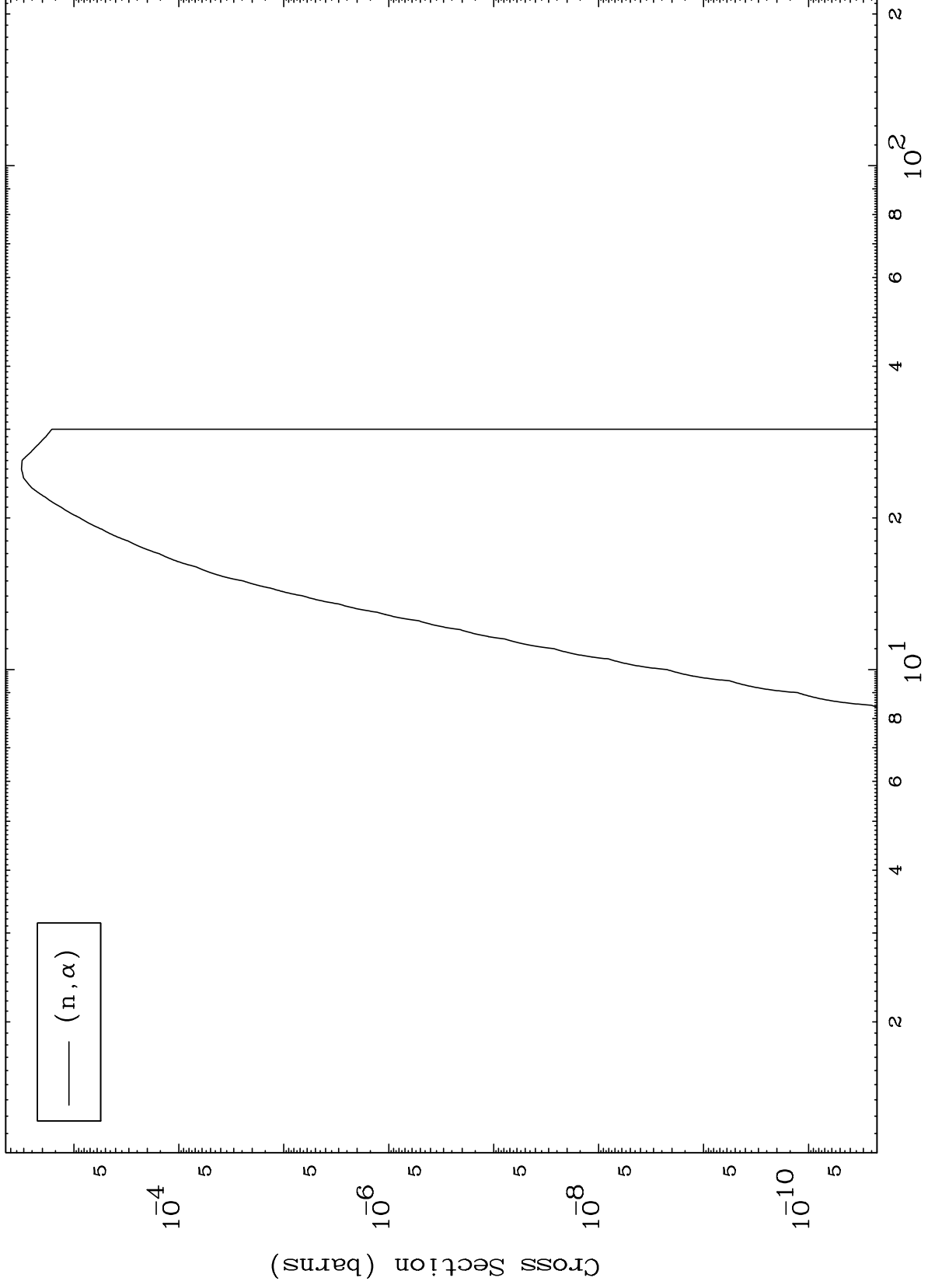
Incident Energy (MeV)

51-Sb-129

MAT 5149

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-129



15

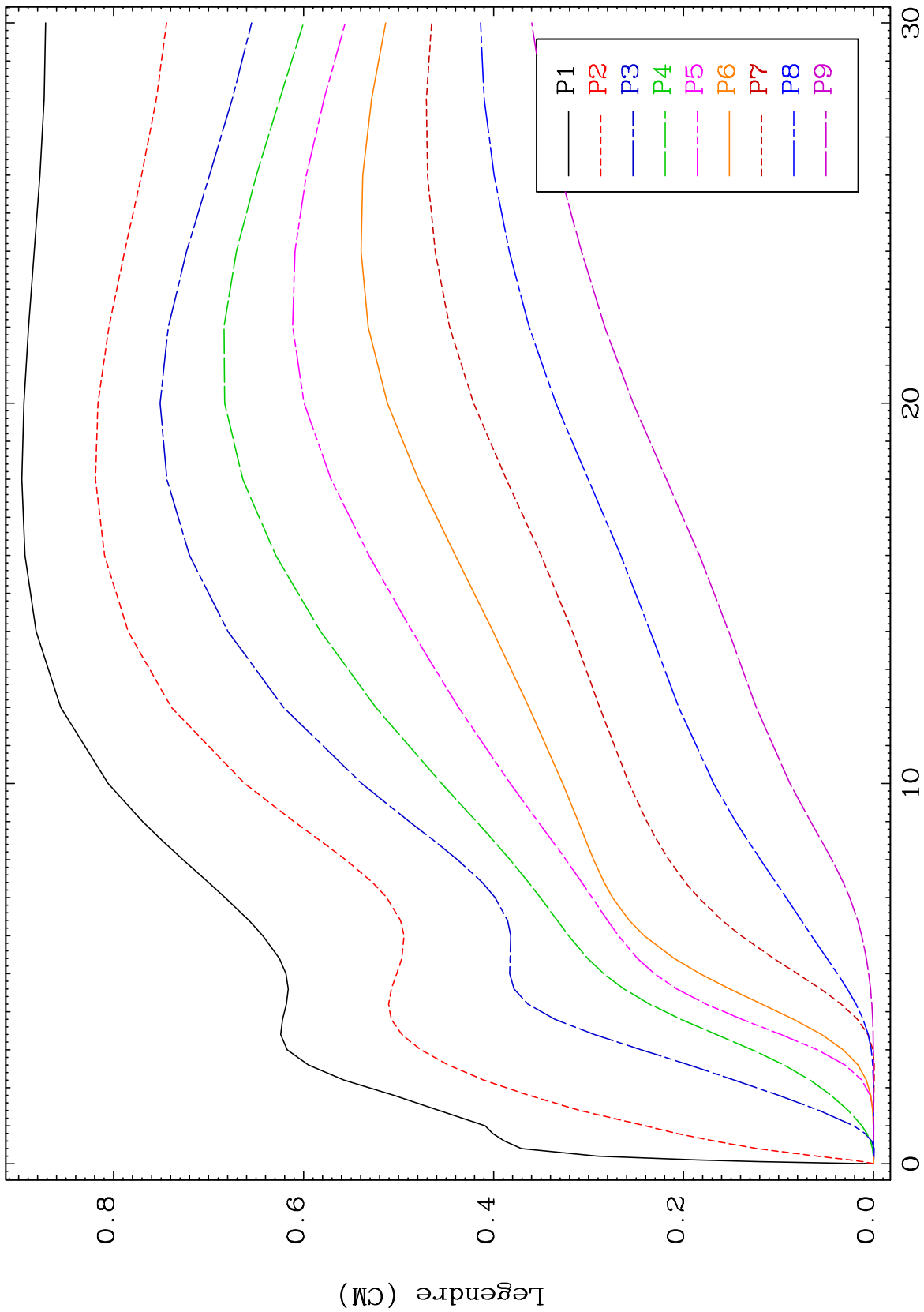
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

Elastic Legendre Coefficients



16

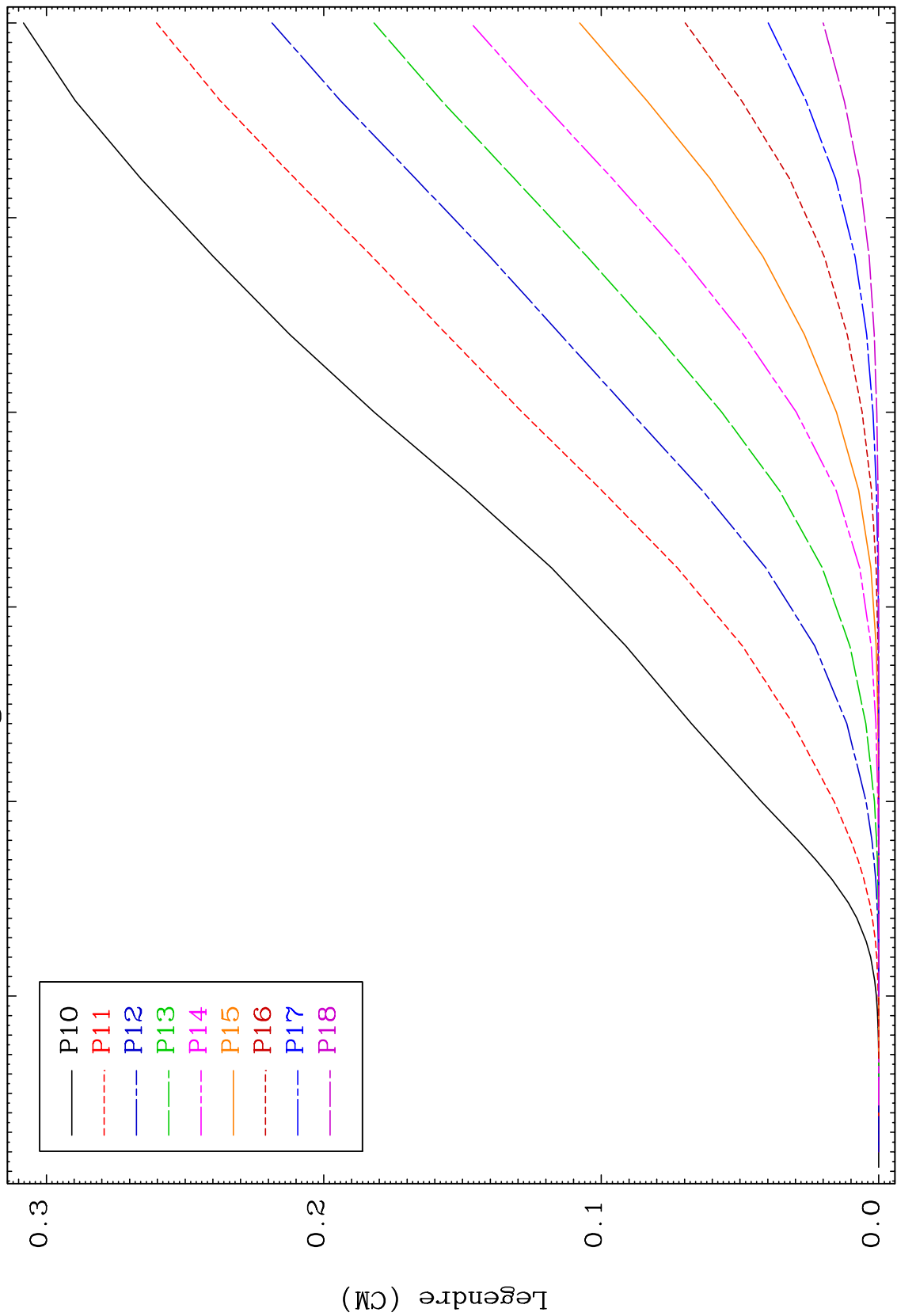
Incident Energy (MeV)

51-Sb-129

MAT 5149

Elastic Legendre Coefficients

51-Sb-129



17

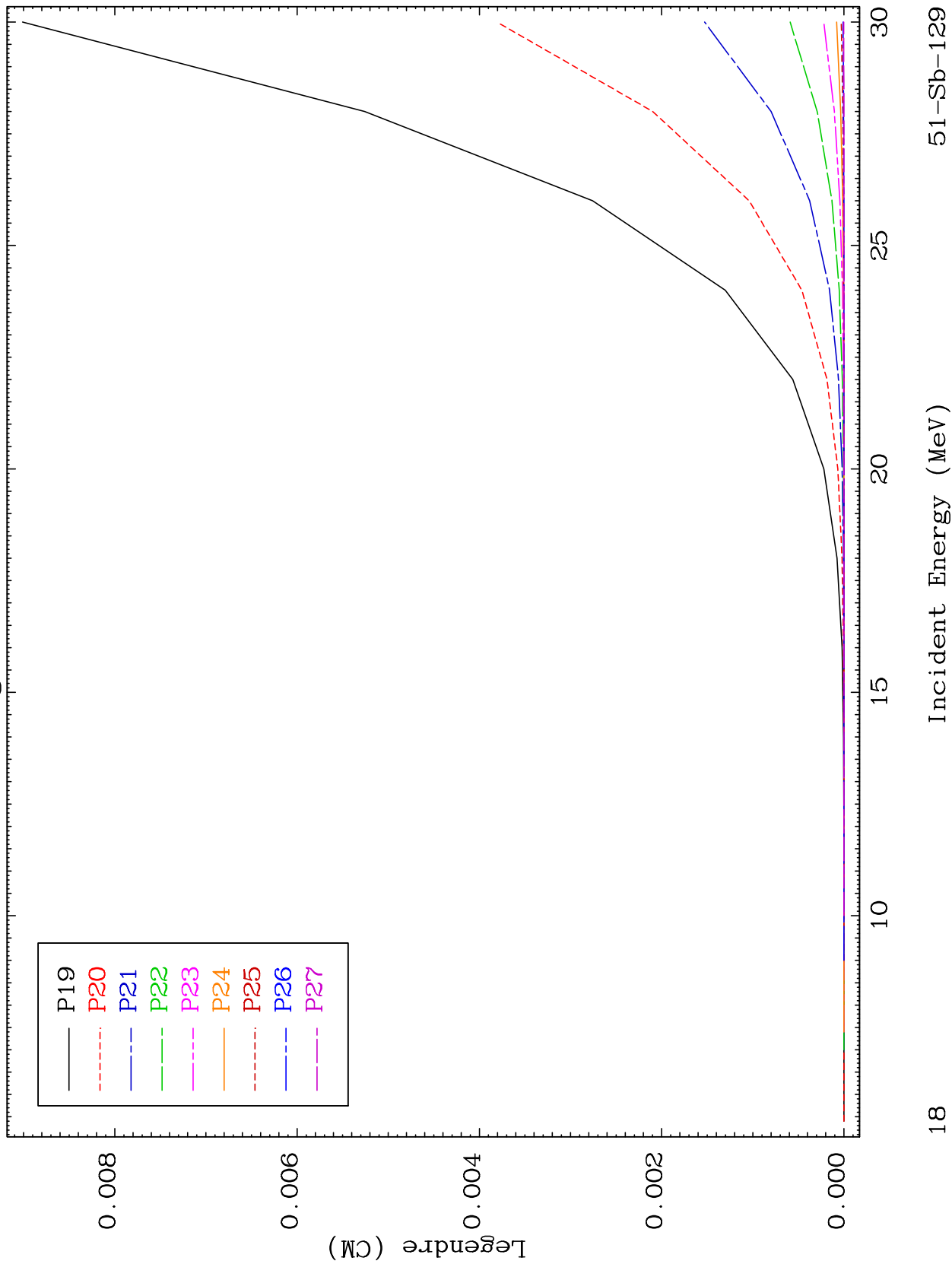
Incident Energy (MeV)

51-Sb-129

MAT 5149

Elastic Legendre Coefficients

51-Sb-129



18

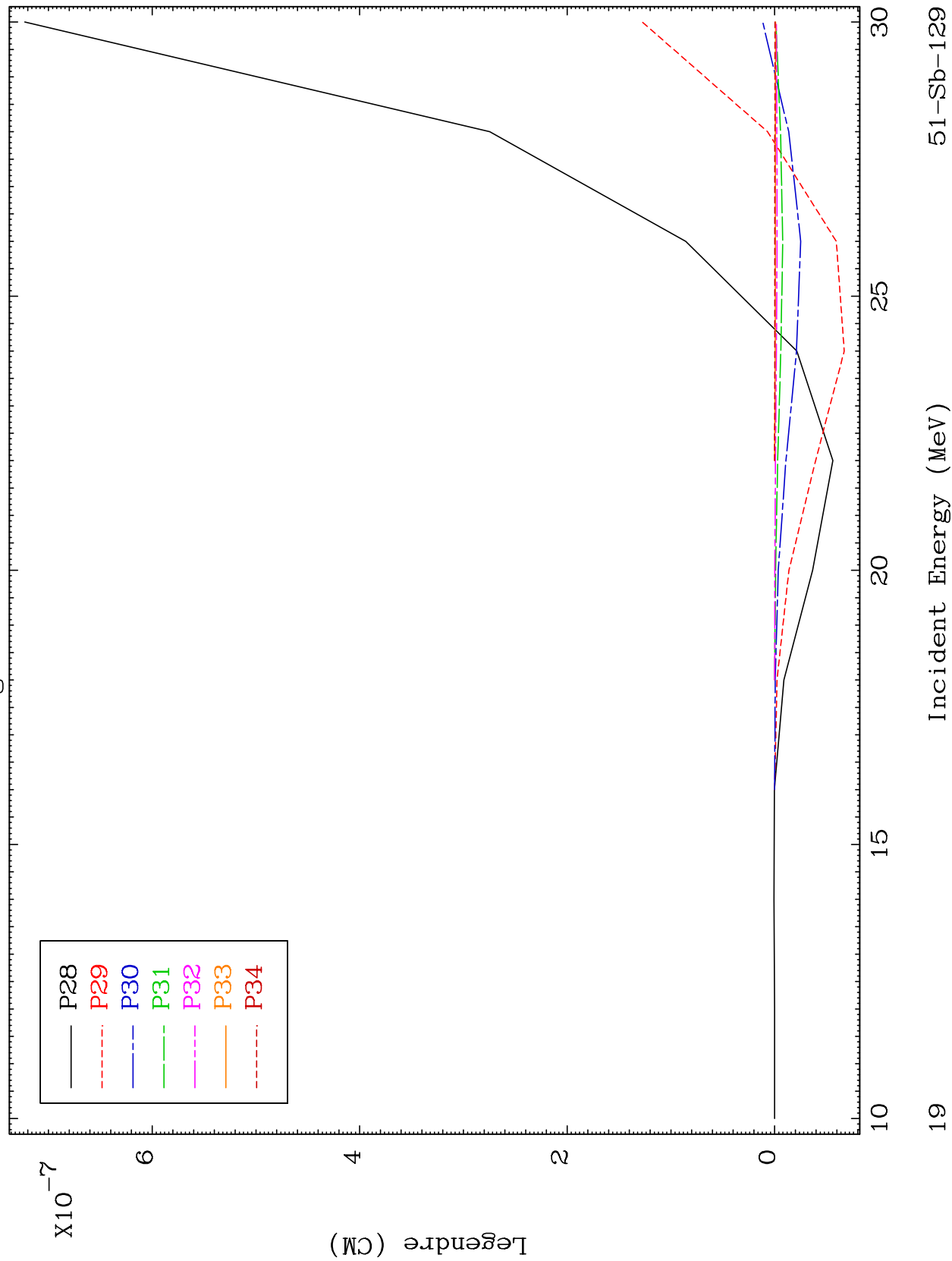
Incident Energy (MeV)

51-Sb-129

MAT 5149

Elastic Legendre Coefficients

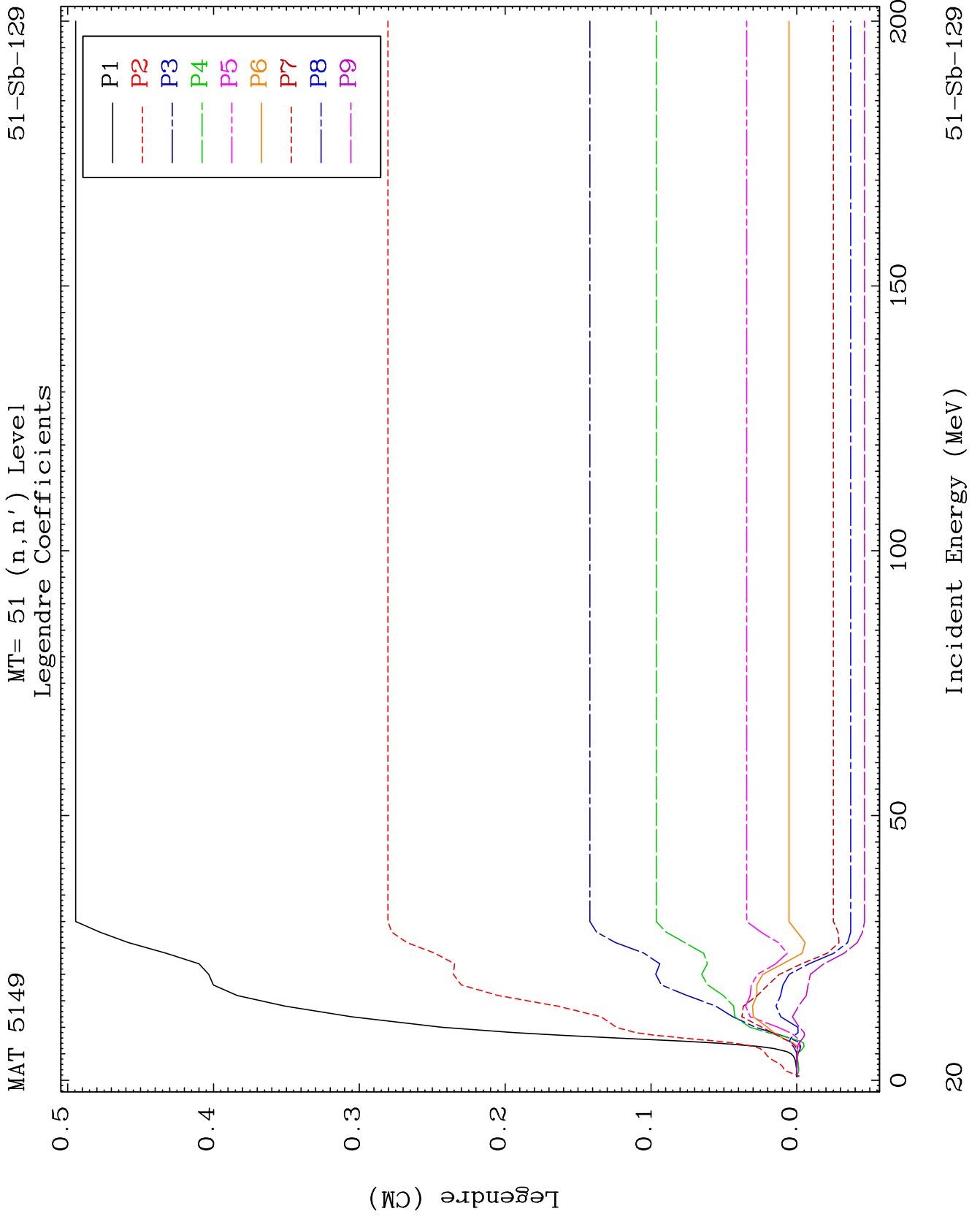
51-Sb-129



19

Incident Energy (MeV)

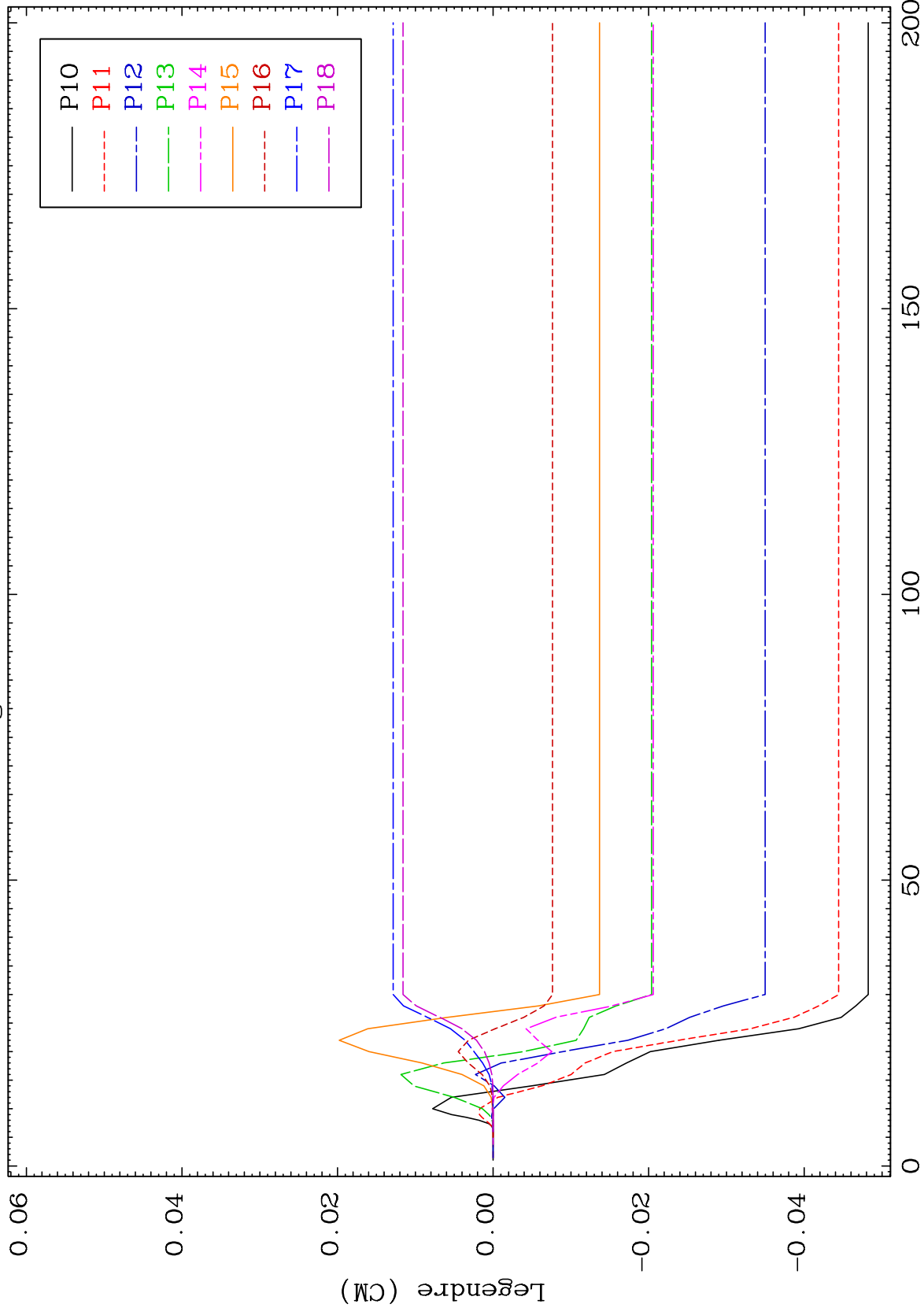
51-Sb-129



MAT 5149

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

51-Sb-129



21

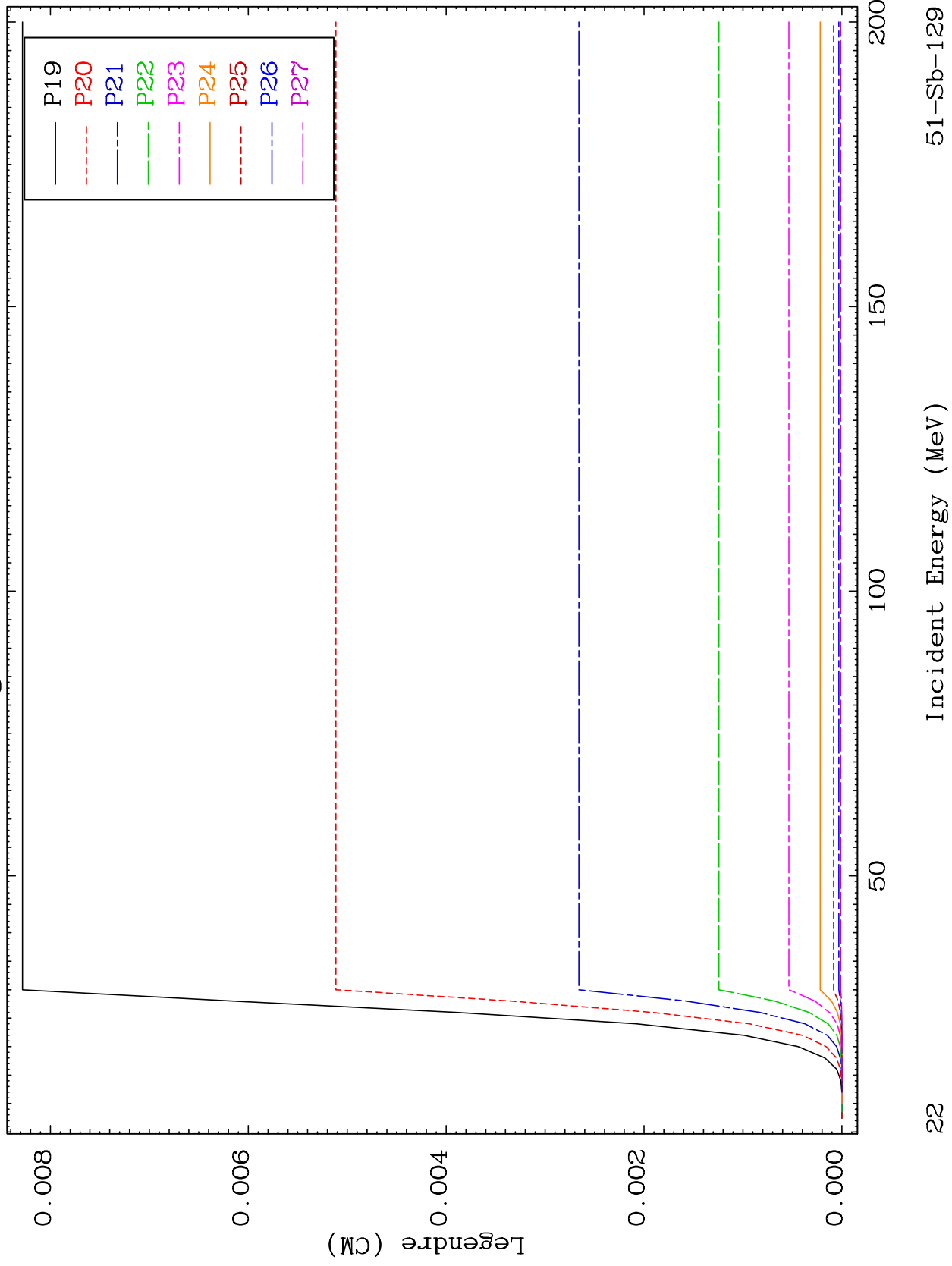
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



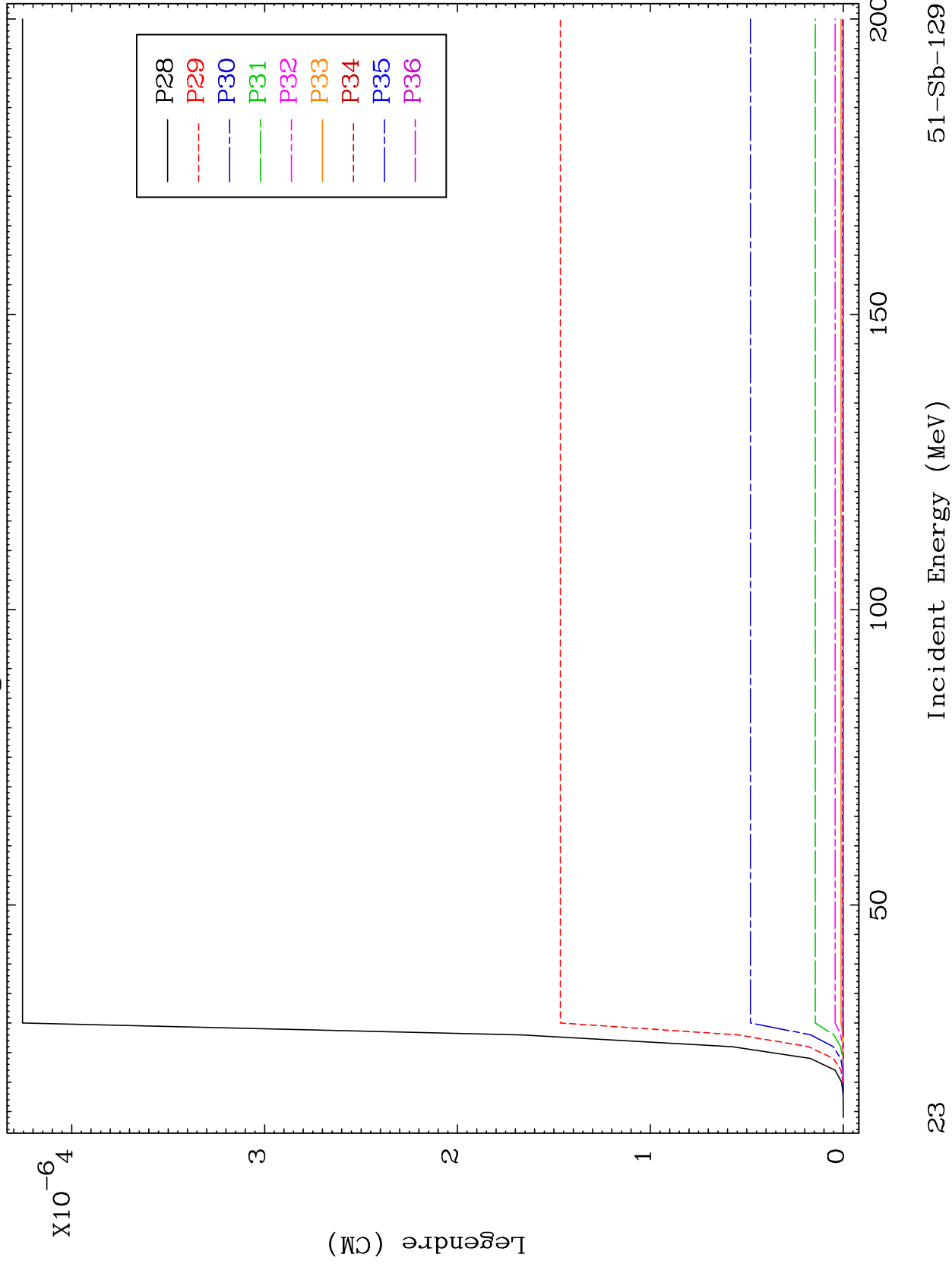
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51-Sb-129

MAT 5149

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

51-Sb-129

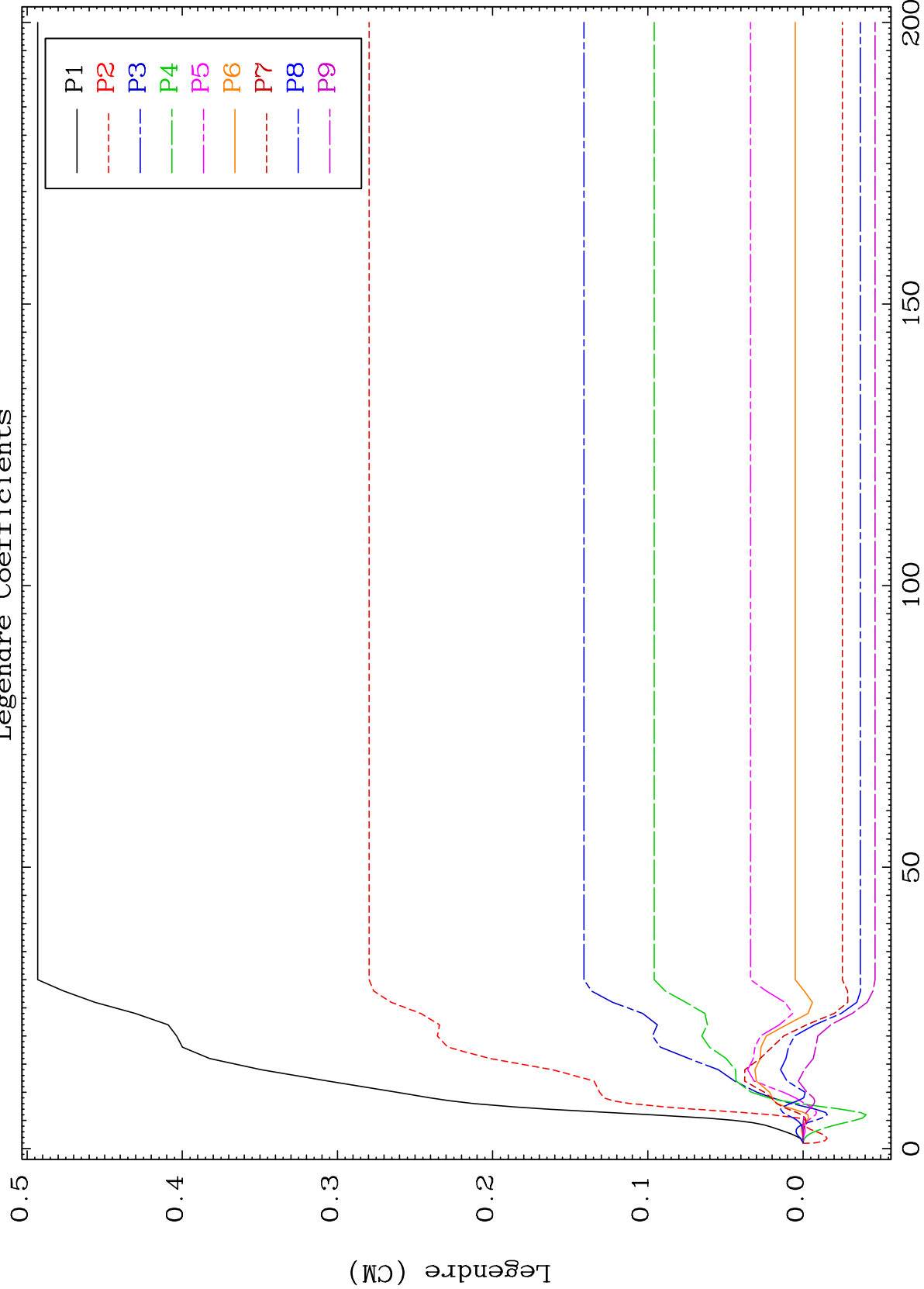


MAT 5149

MT= 52 (n,n') Level

51-Sb-129

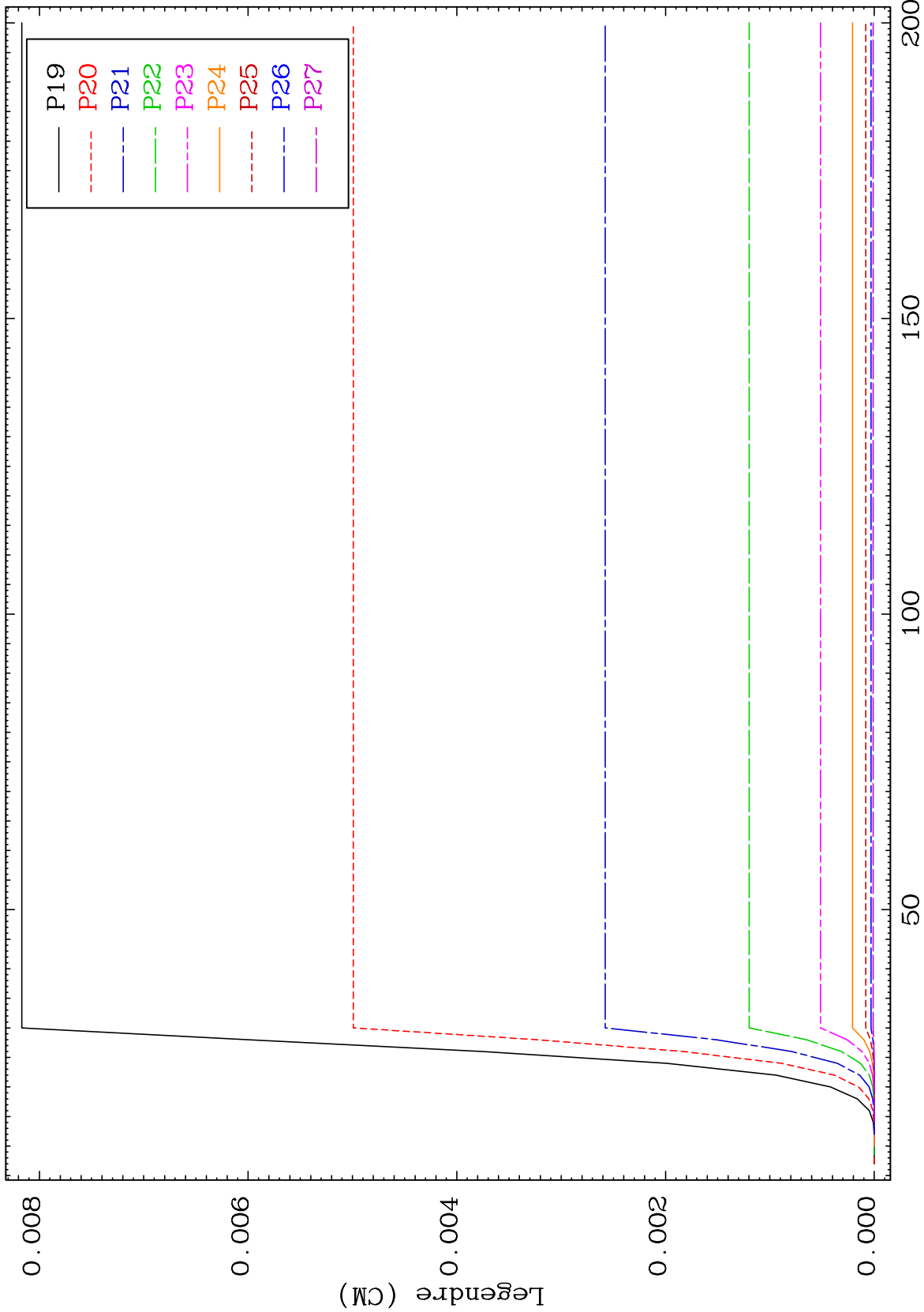
Legendre Coefficients



24

Incident Energy (MeV)

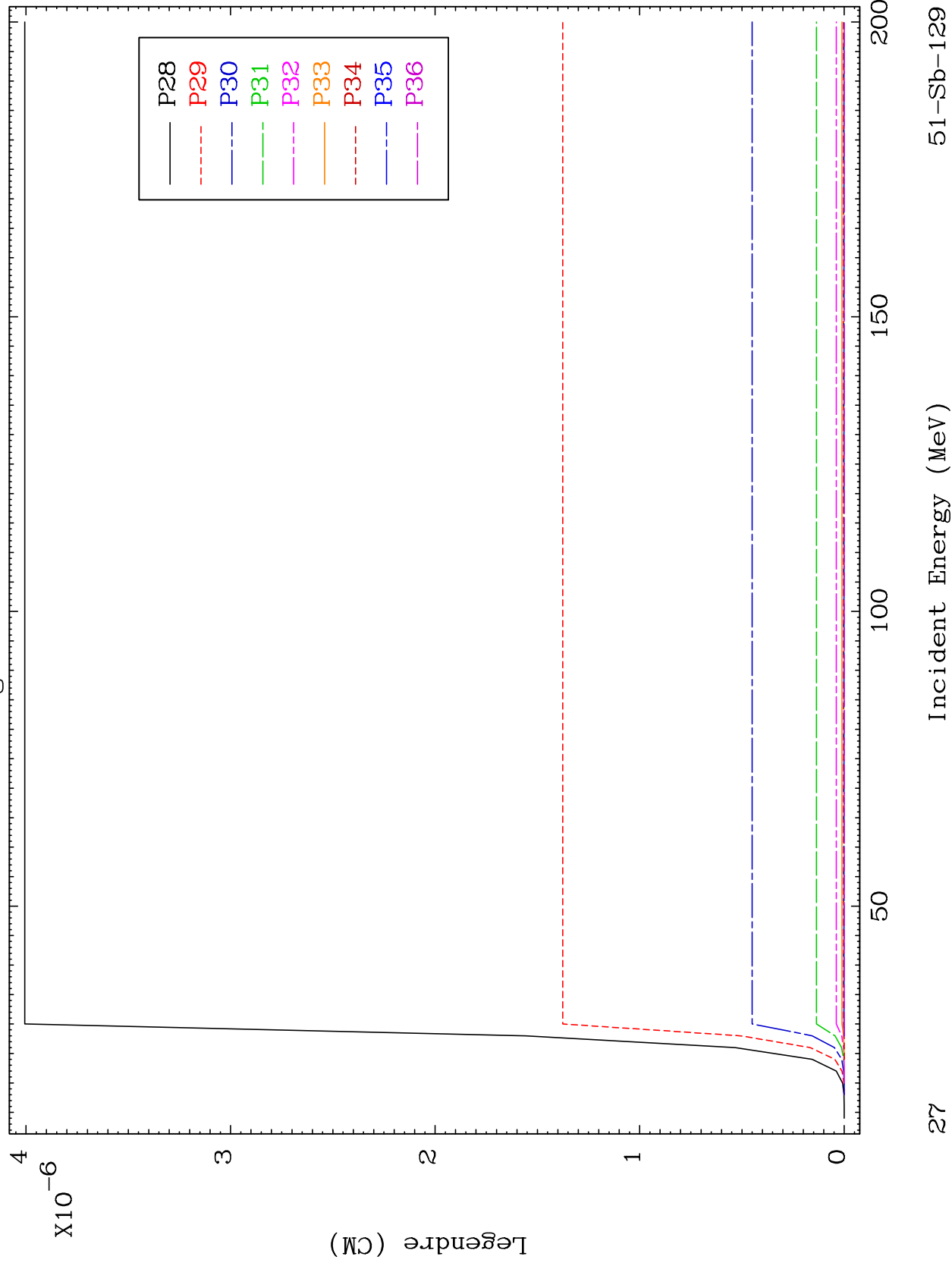
51-Sb-129



MAT 5149

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

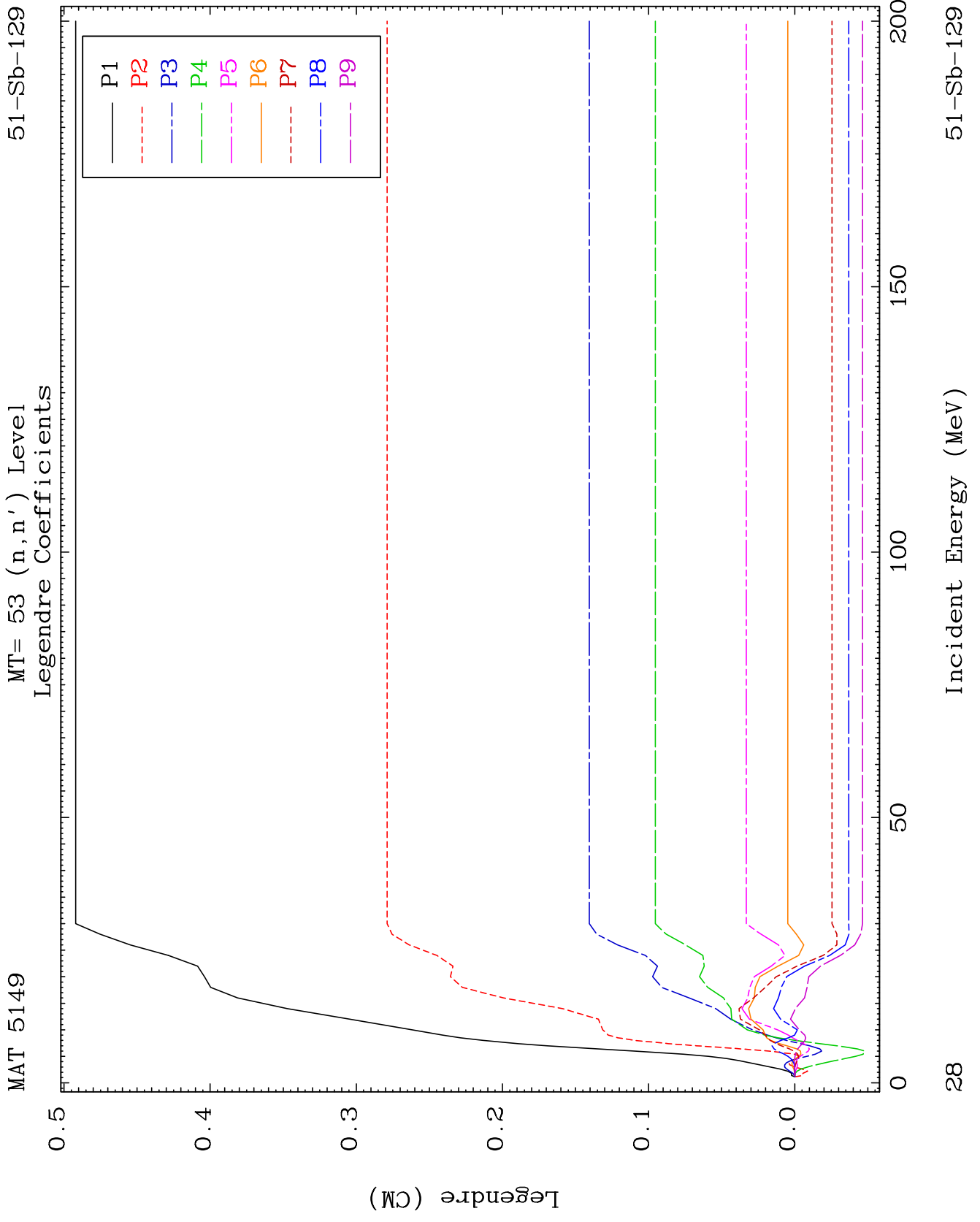
51-Sb-129



27

Incident Energy (MeV)

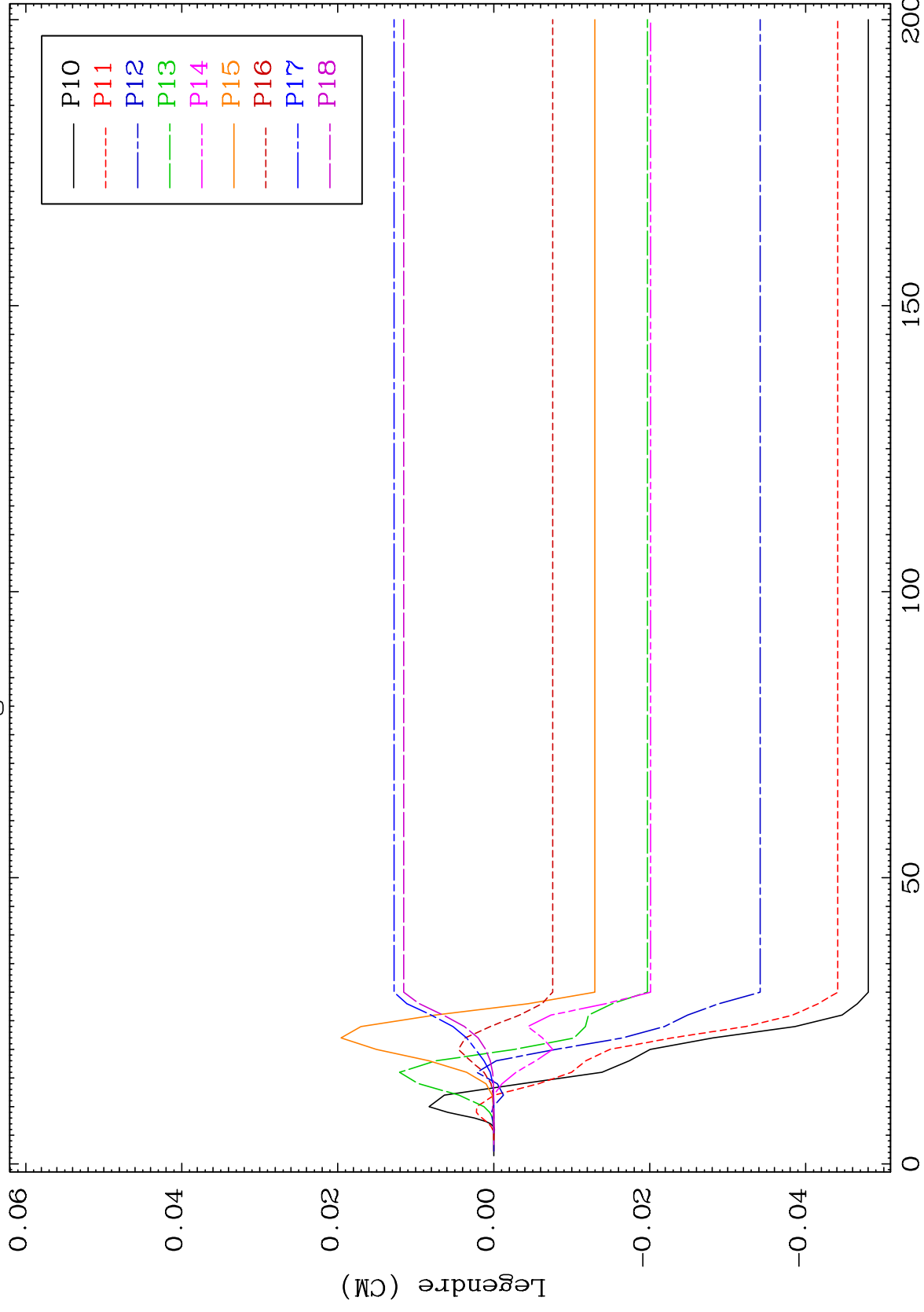
51-Sb-129



MAT 5149

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

51-Sb-129



29

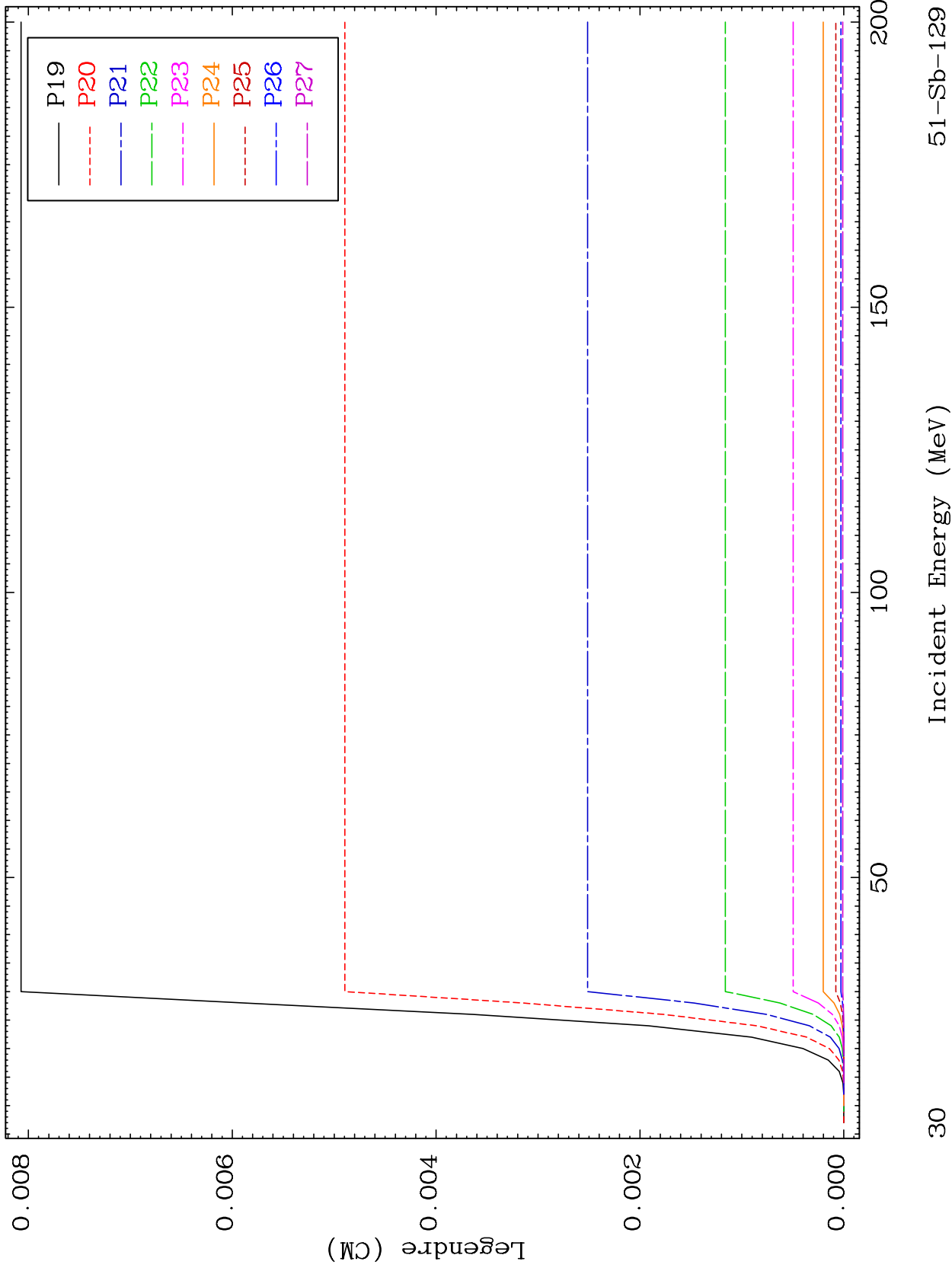
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



51-Sb-129

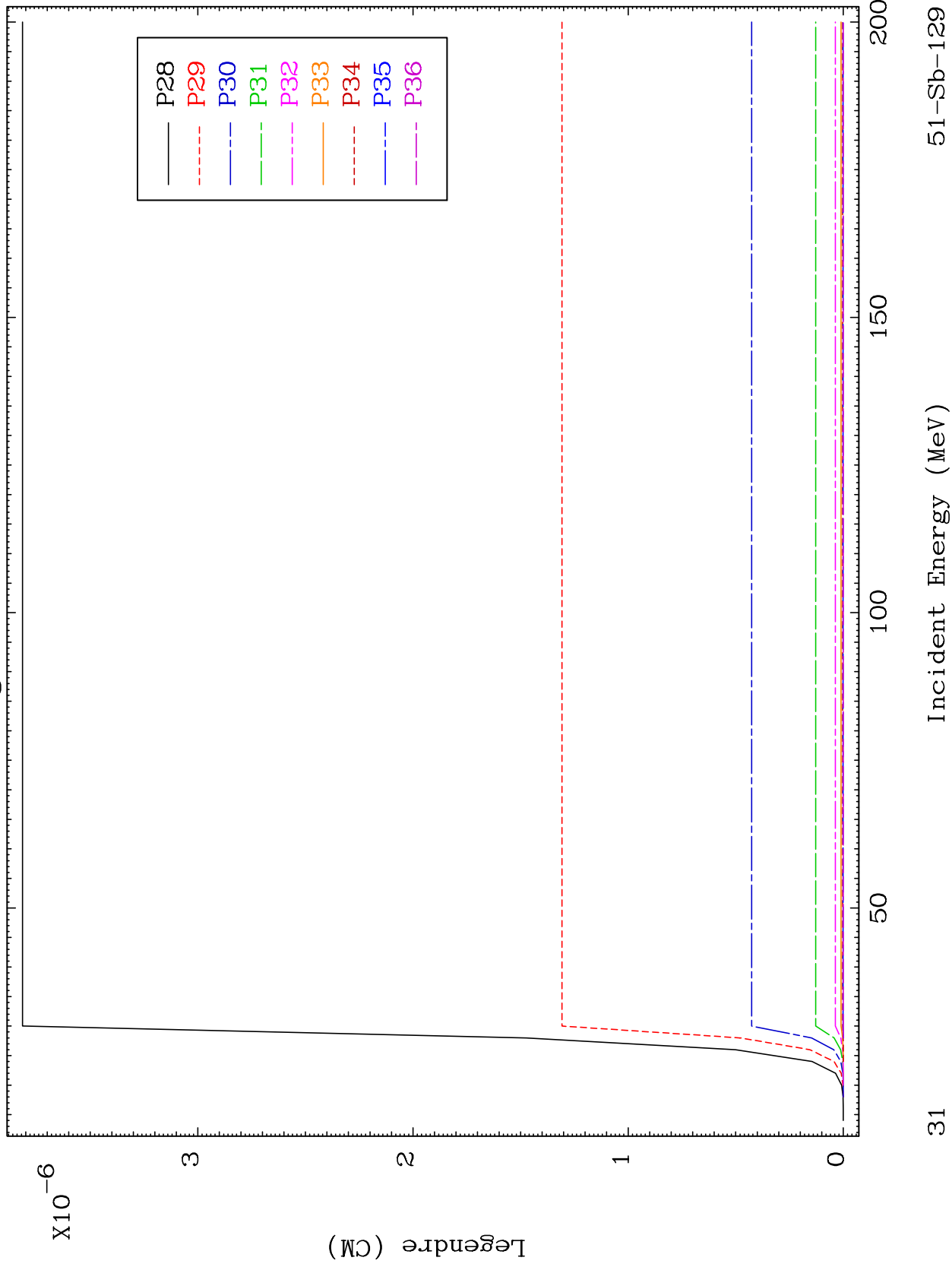
Incident Energy (MeV)

30

MAT 5149

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

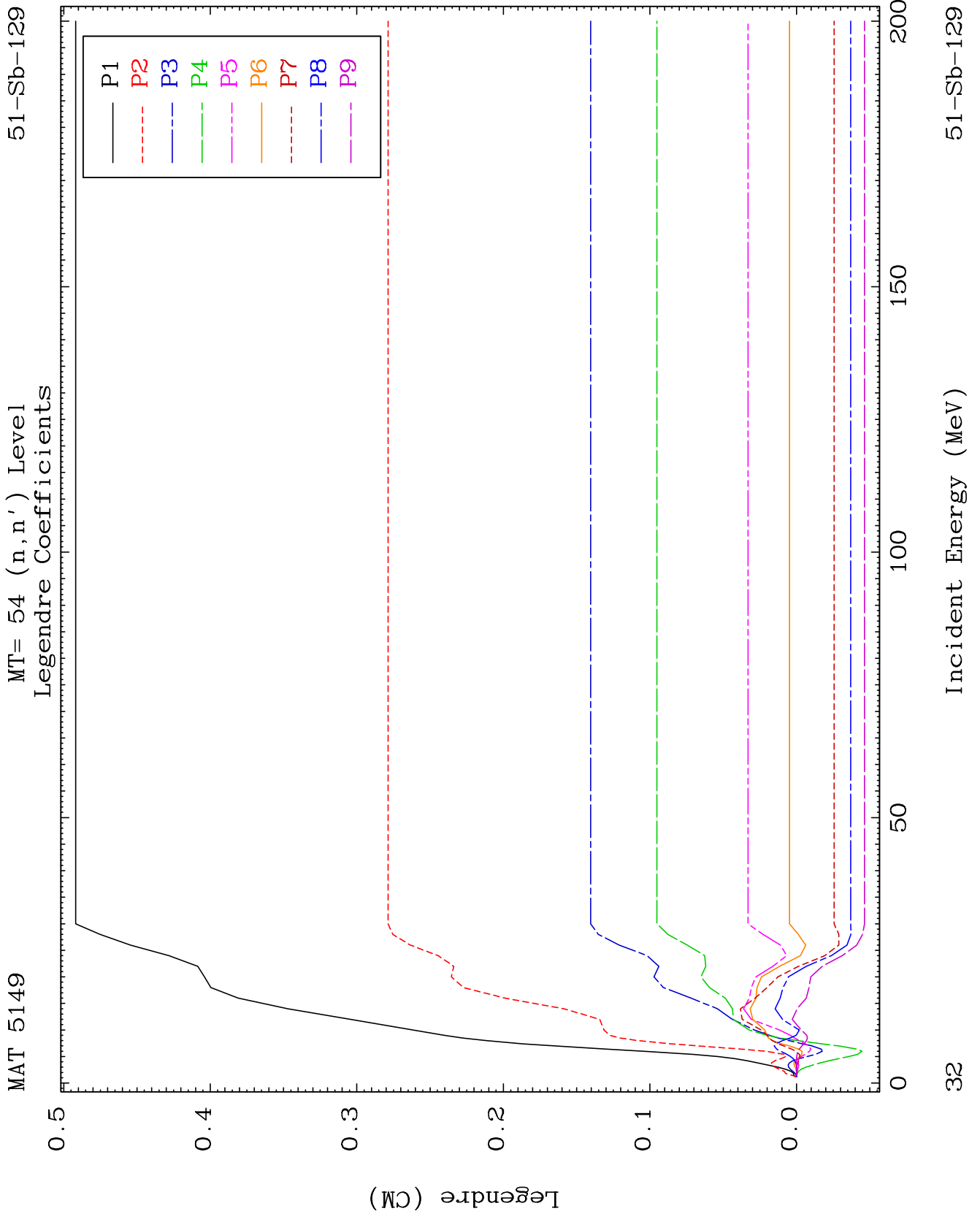
51-Sb-129



31

Incident Energy (MeV)

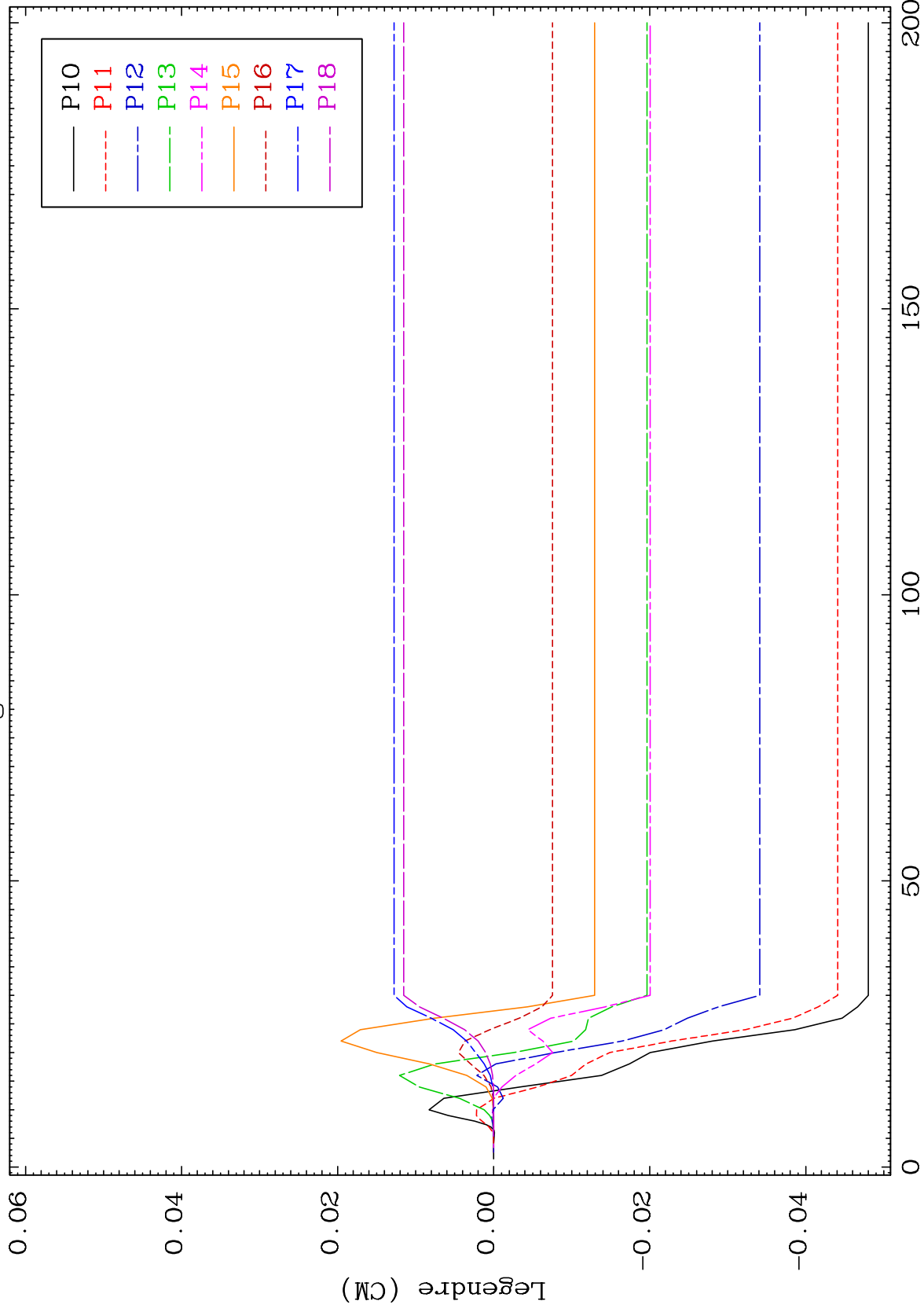
51-Sb-129



MAT 5149

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

51-Sb-129



33

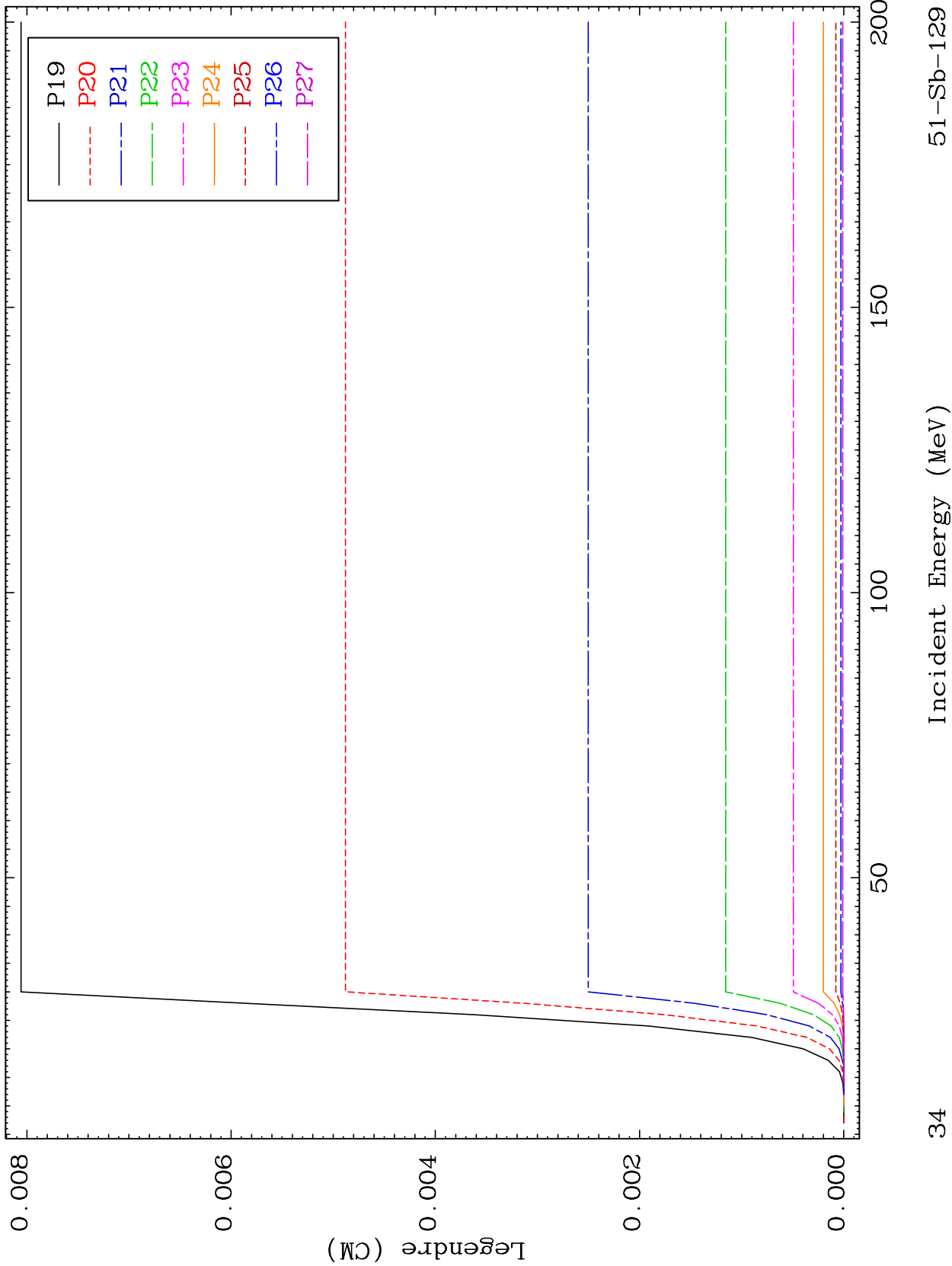
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



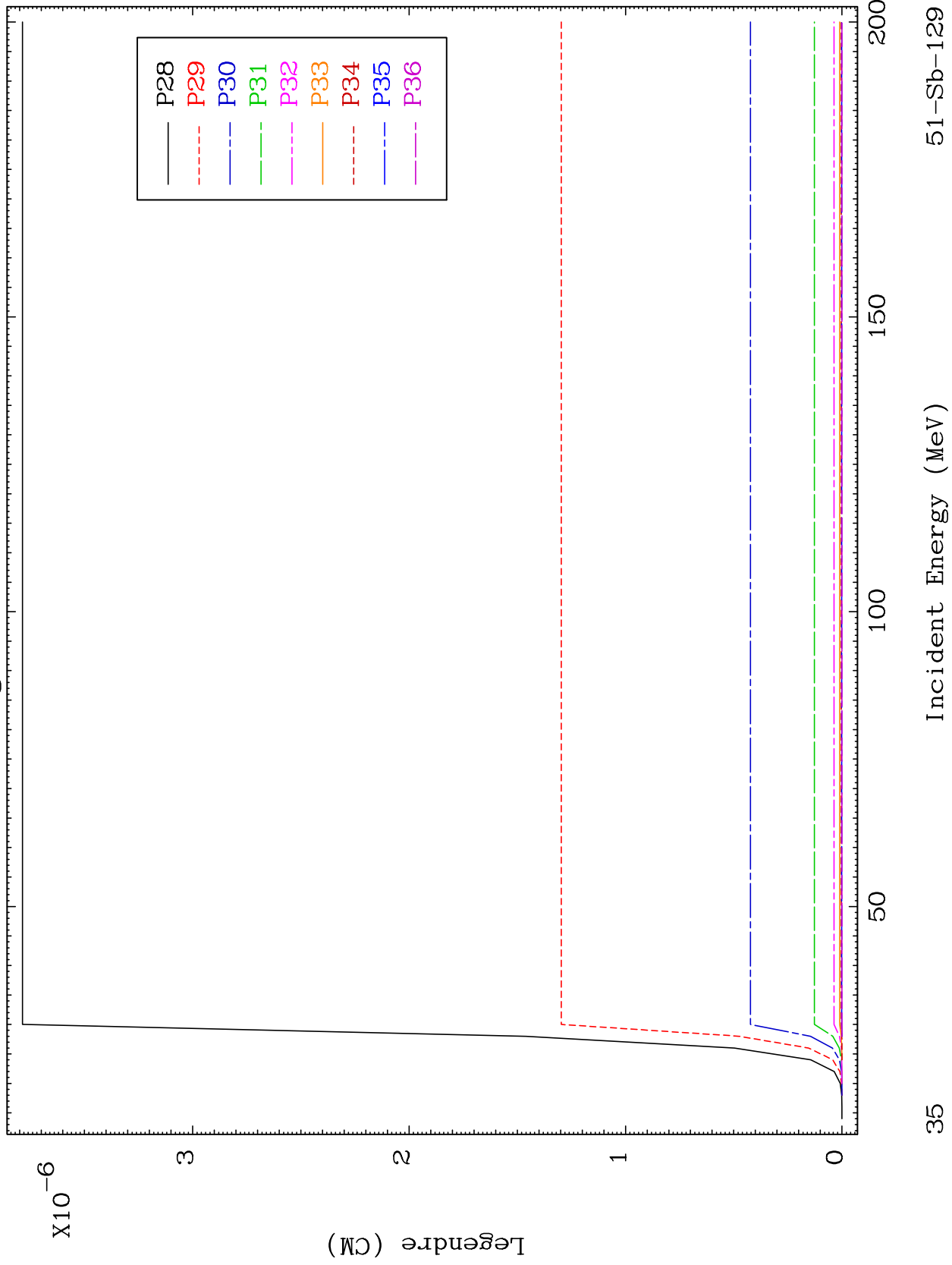
34

51-Sb-129

MAT 5149

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

51-Sb-129



35

Incident Energy (MeV)

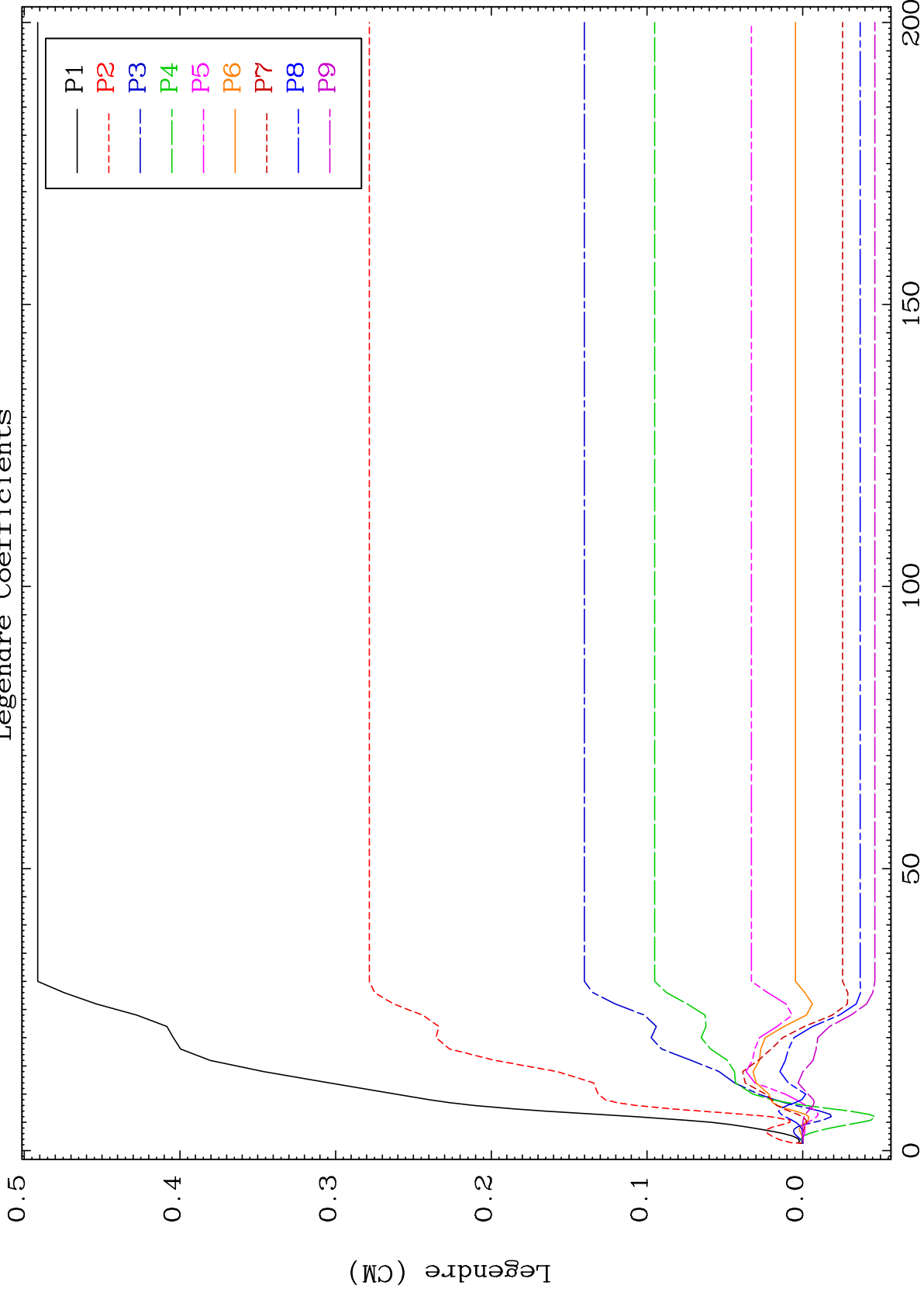
51-Sb-129

MAT 5149

MT= 55 (n,n') Level

51-Sb-129

Legendre Coefficients



36

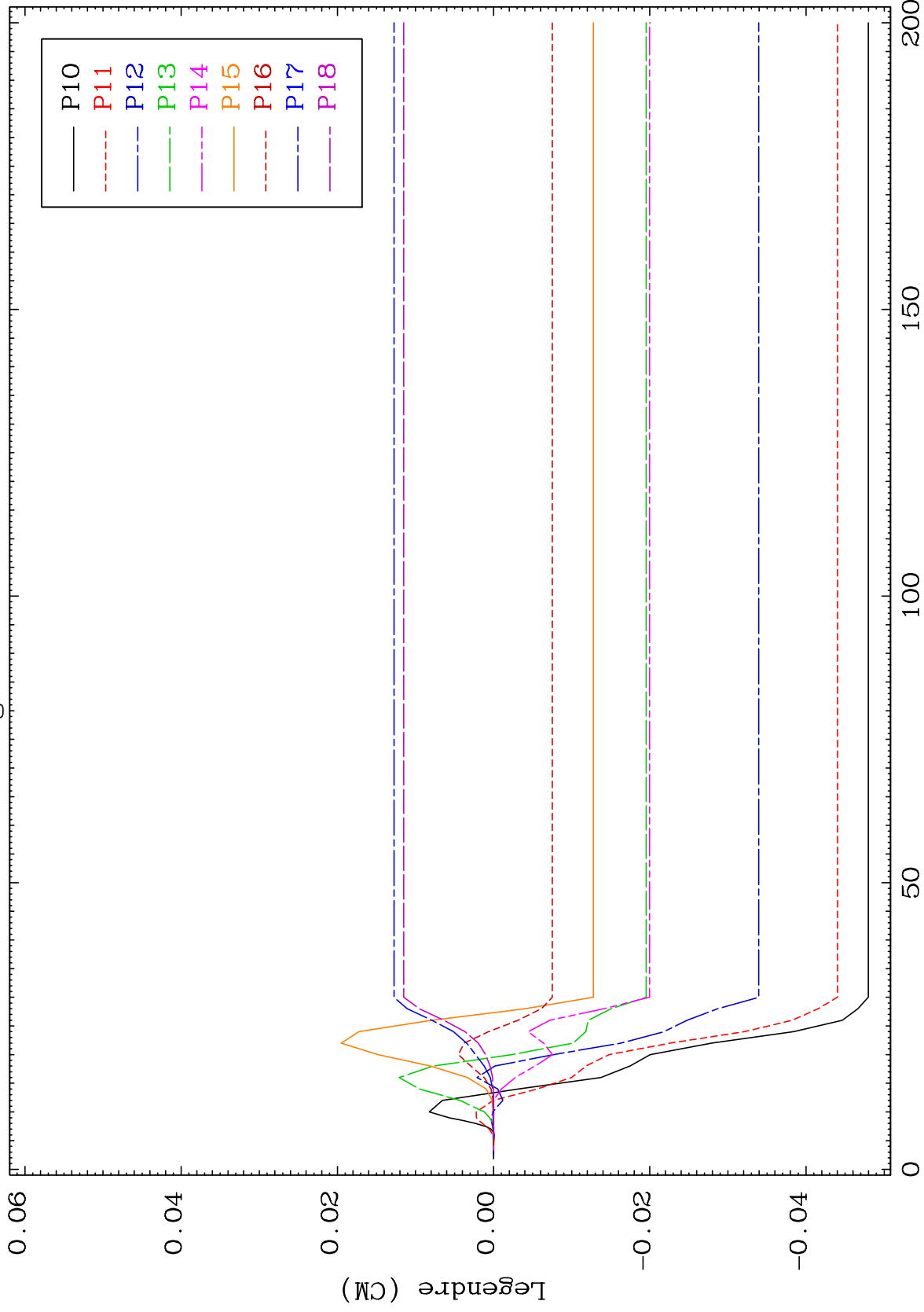
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



37

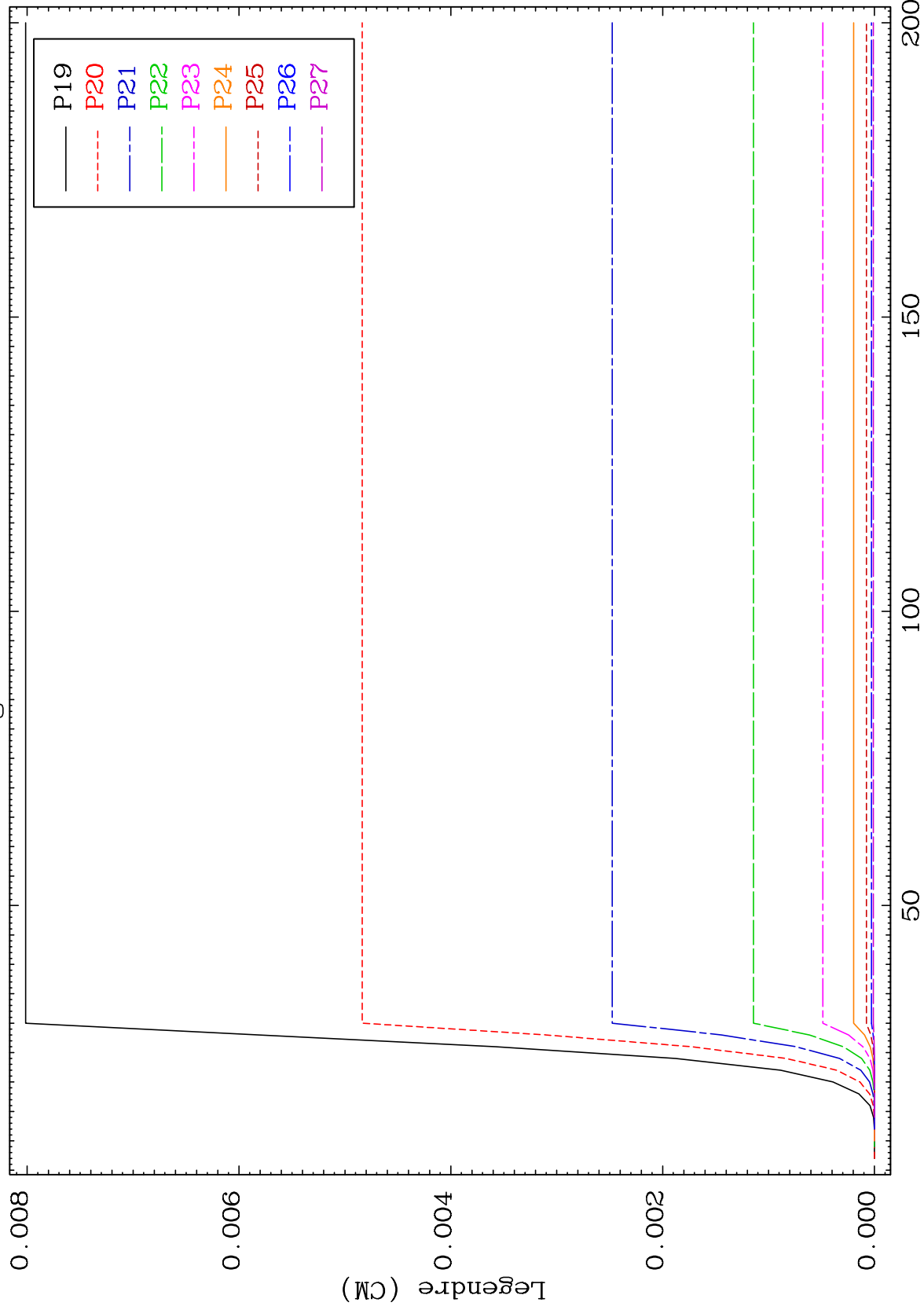
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



38

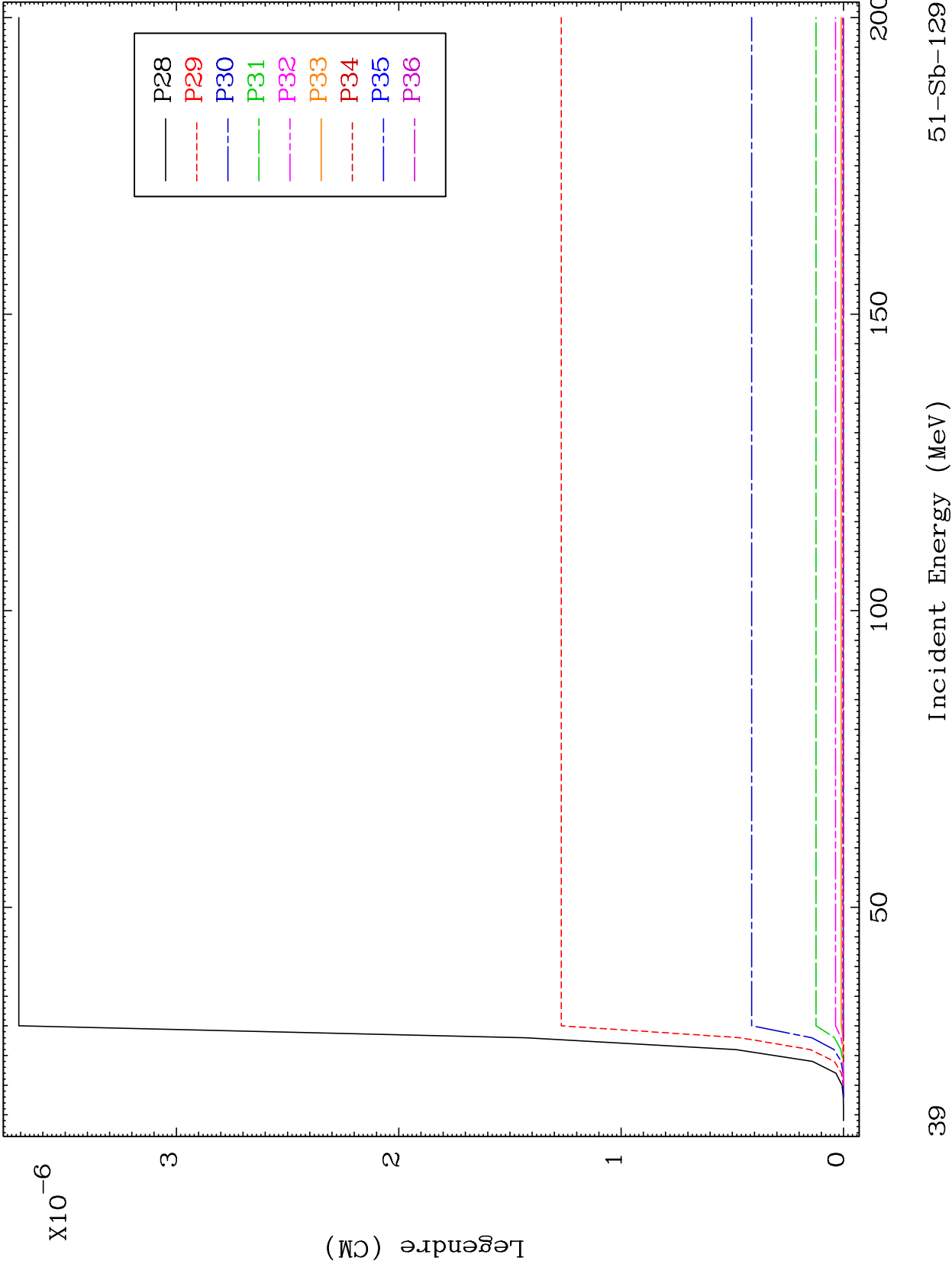
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



39

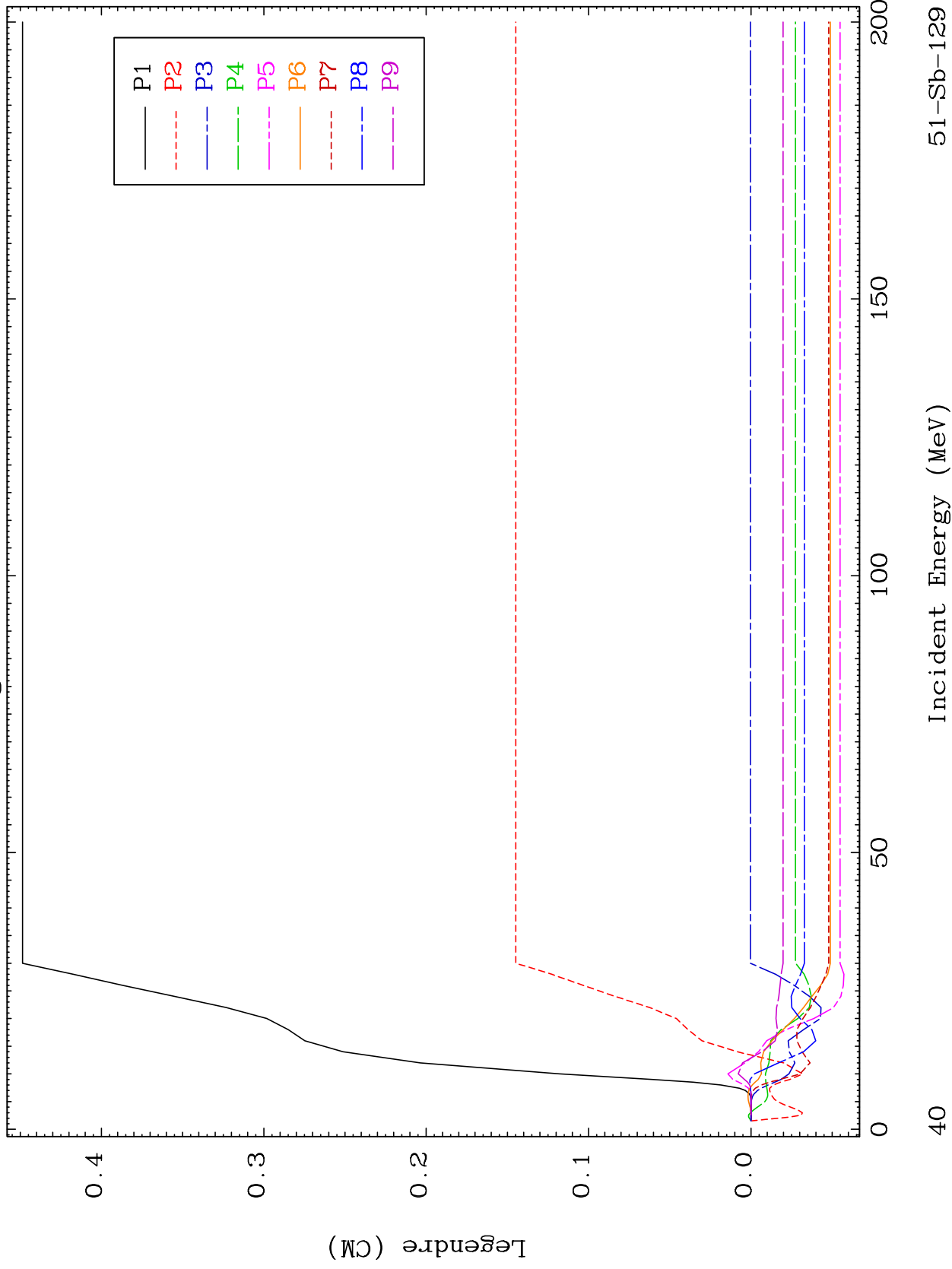
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



51-Sb-129

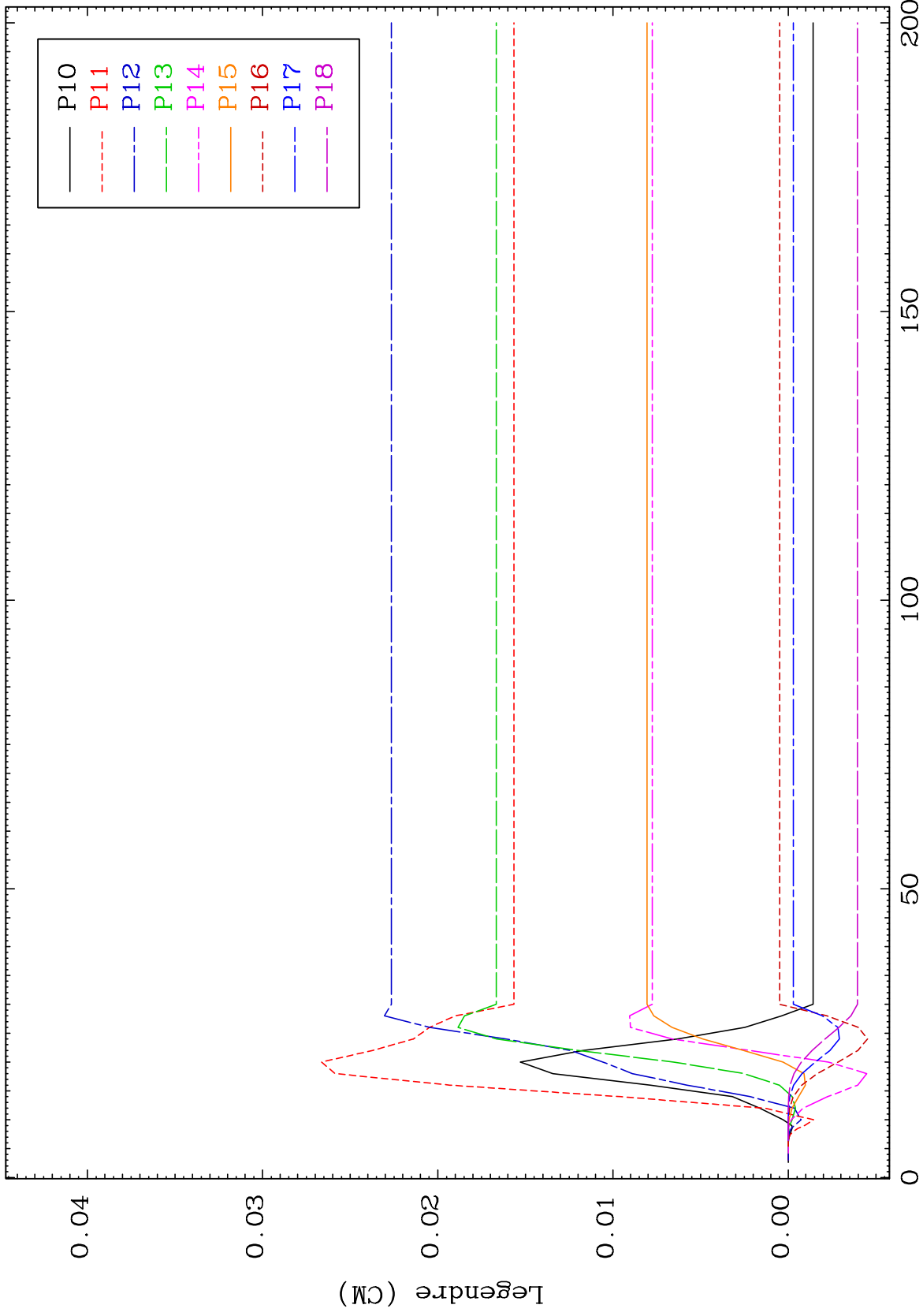
Incident Energy (MeV)

40

MAT 5149

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

51-Sb-129



41

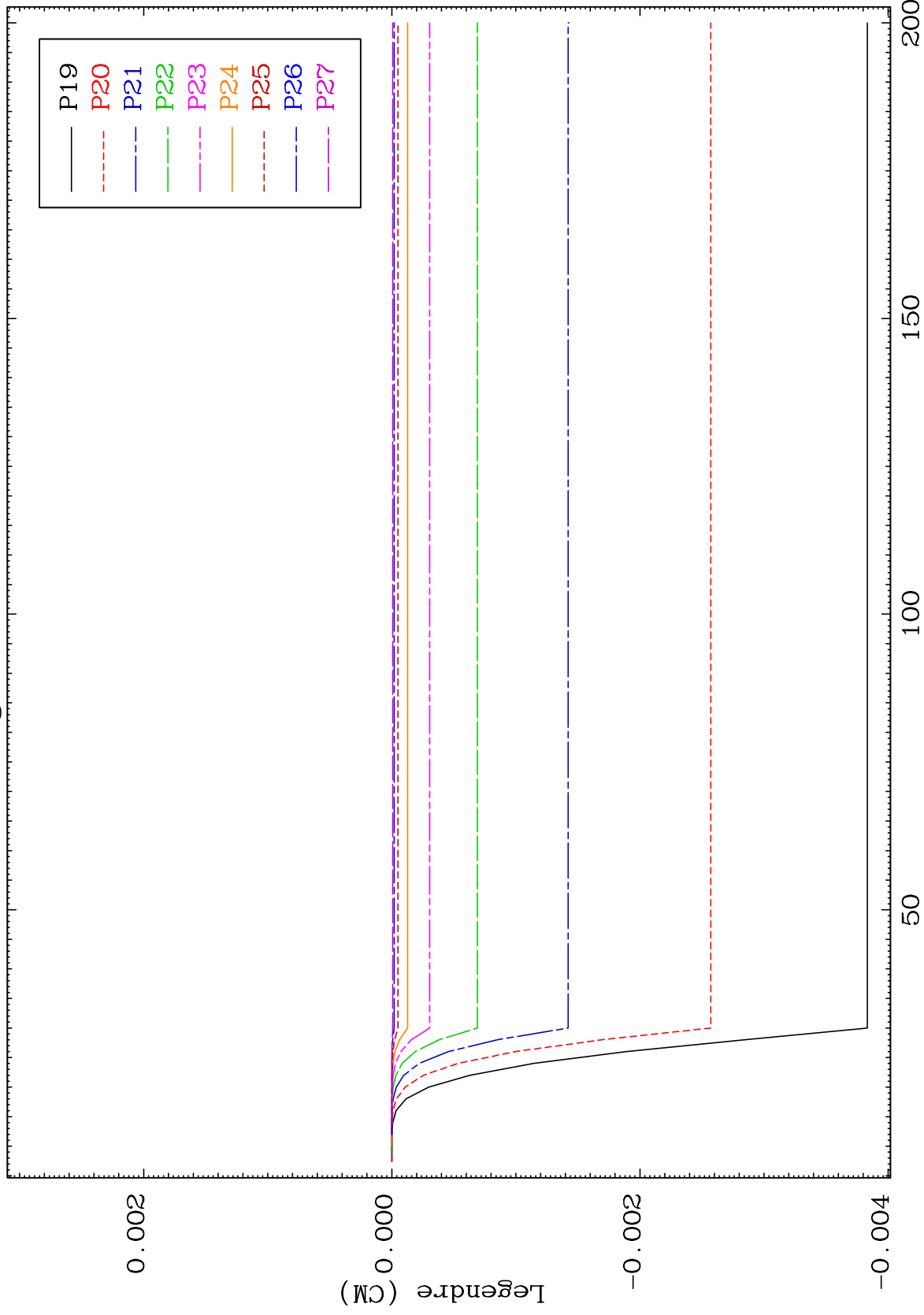
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



42

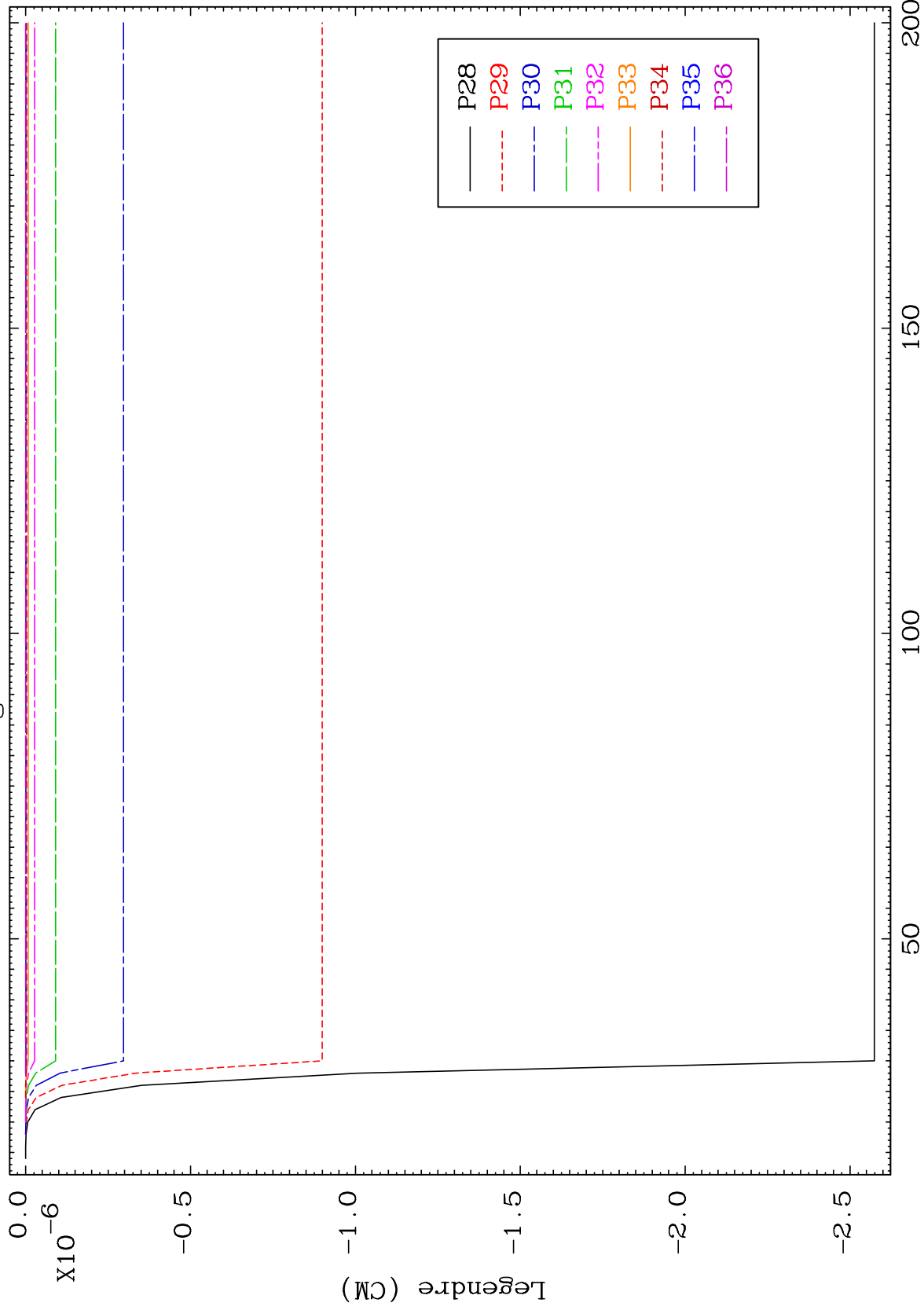
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



43

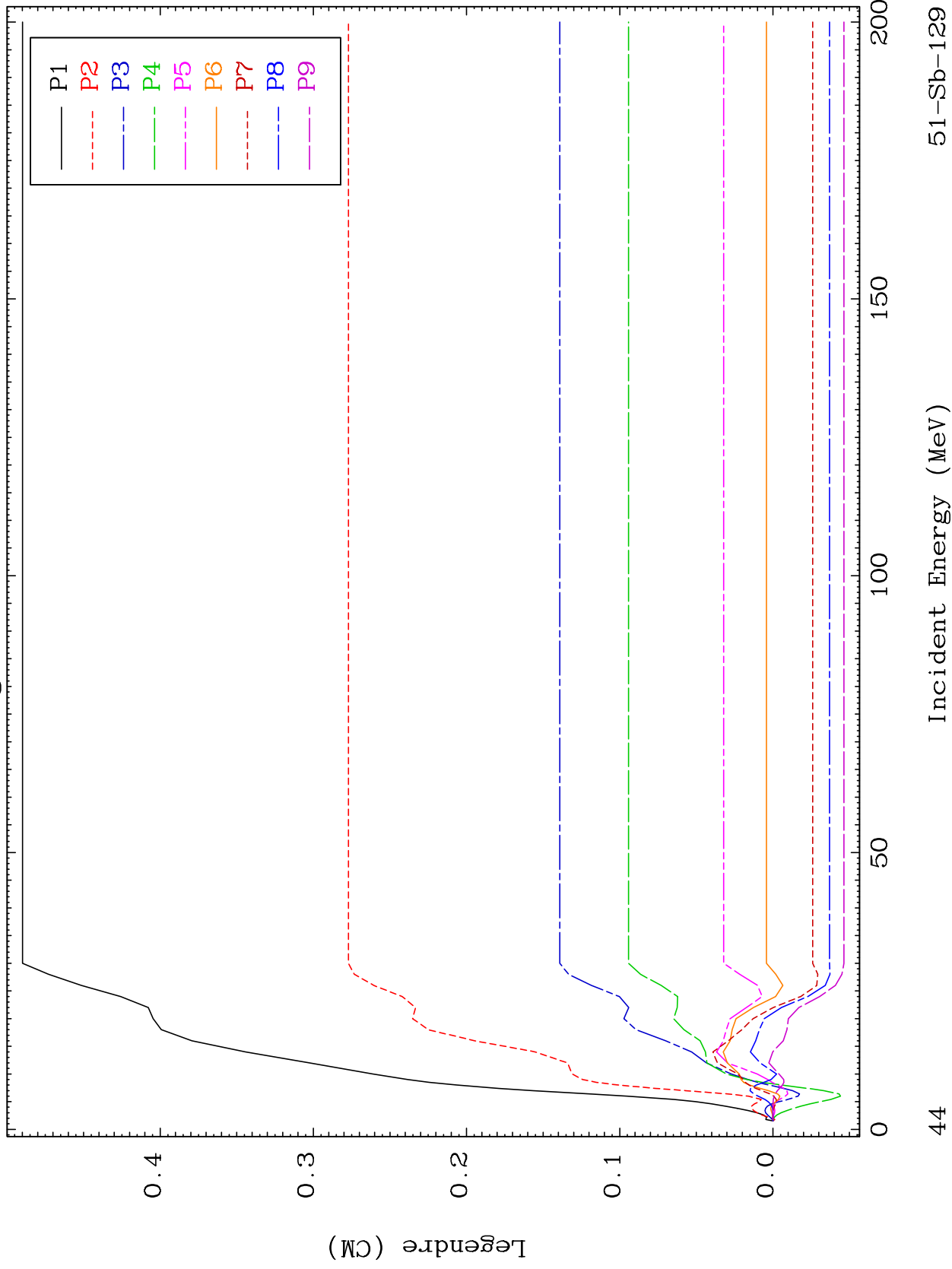
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



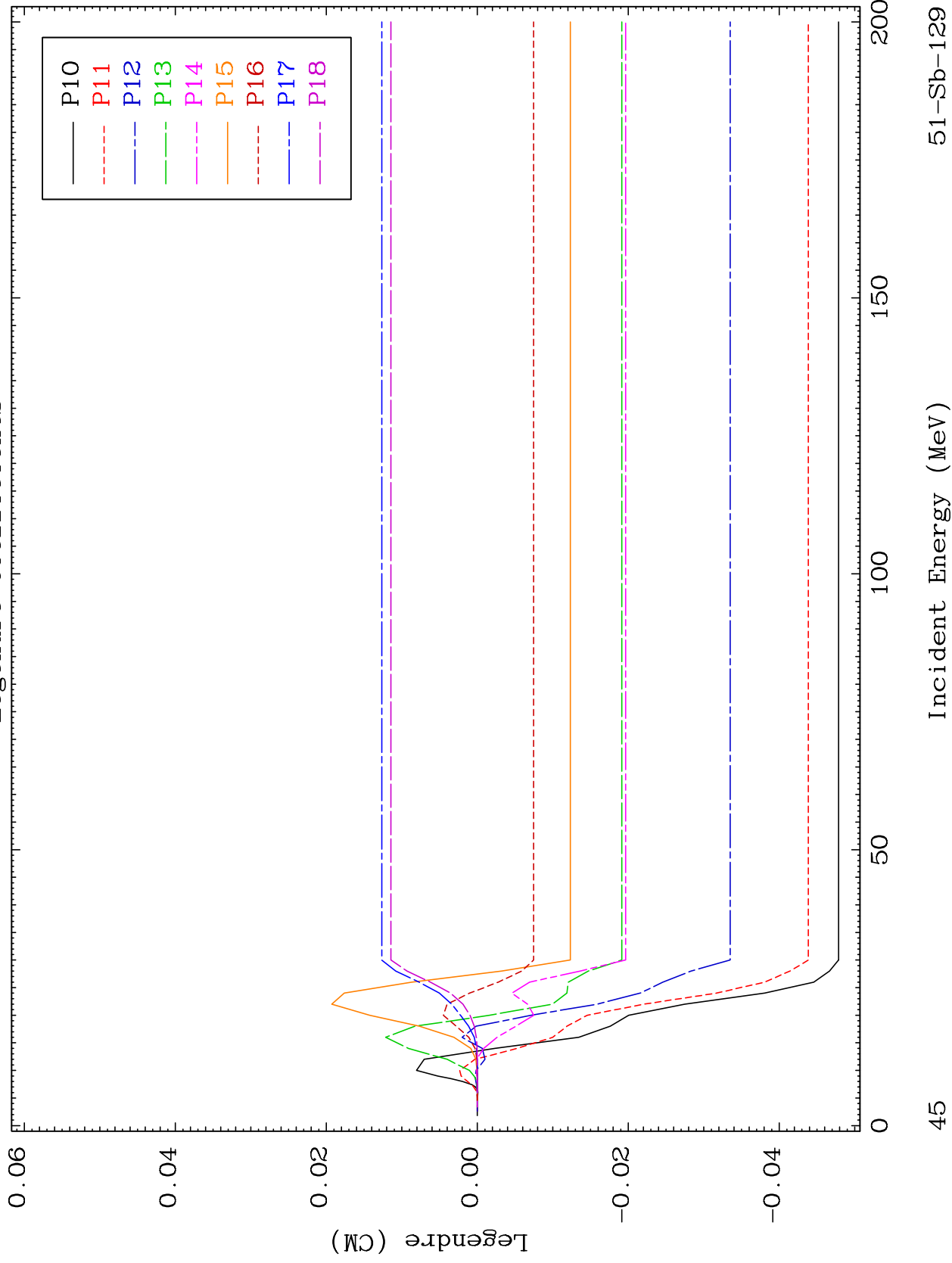
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51-Sb-129

MAT 5149

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

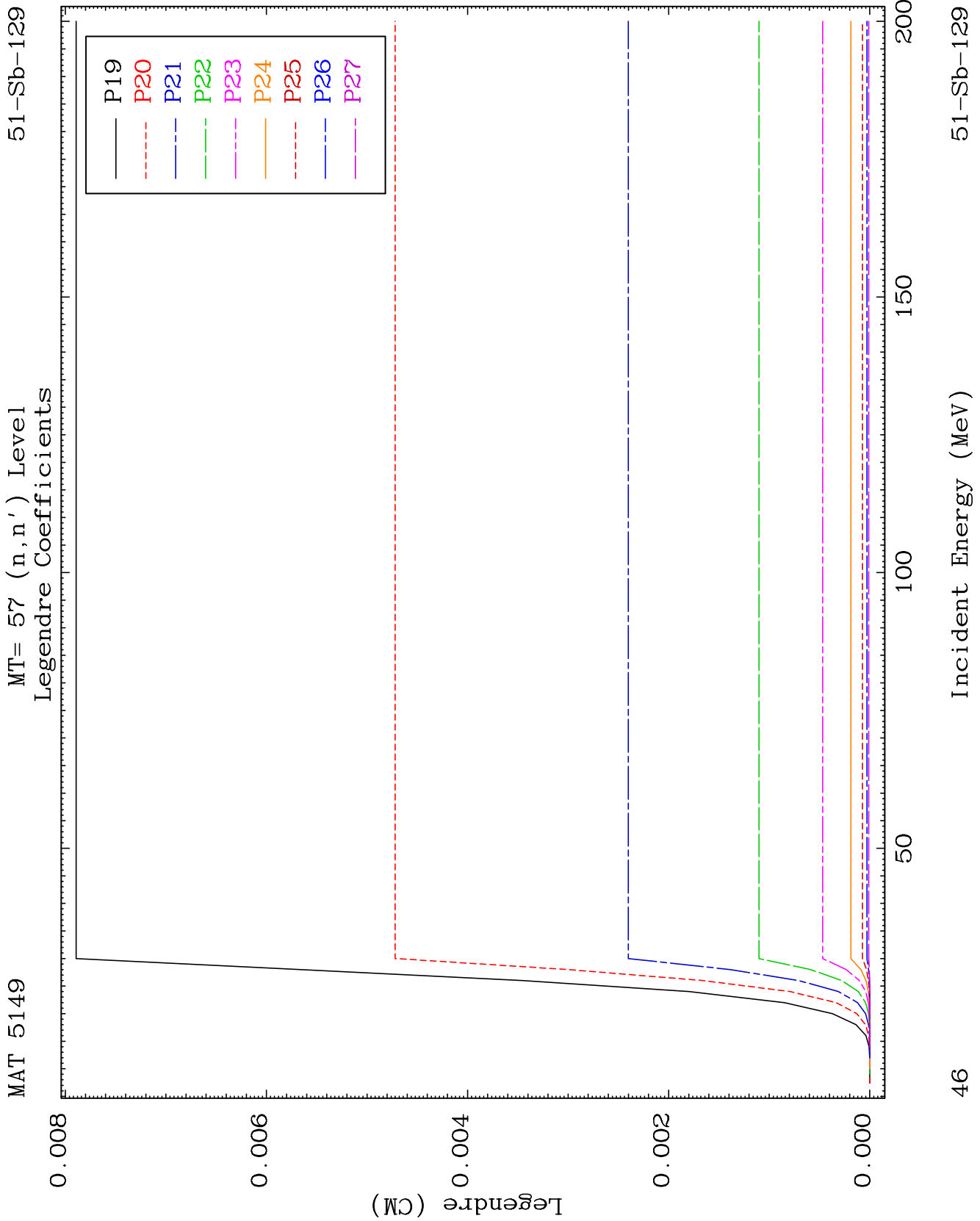
51-Sb-129



51-Sb-129

Incident Energy (MeV)

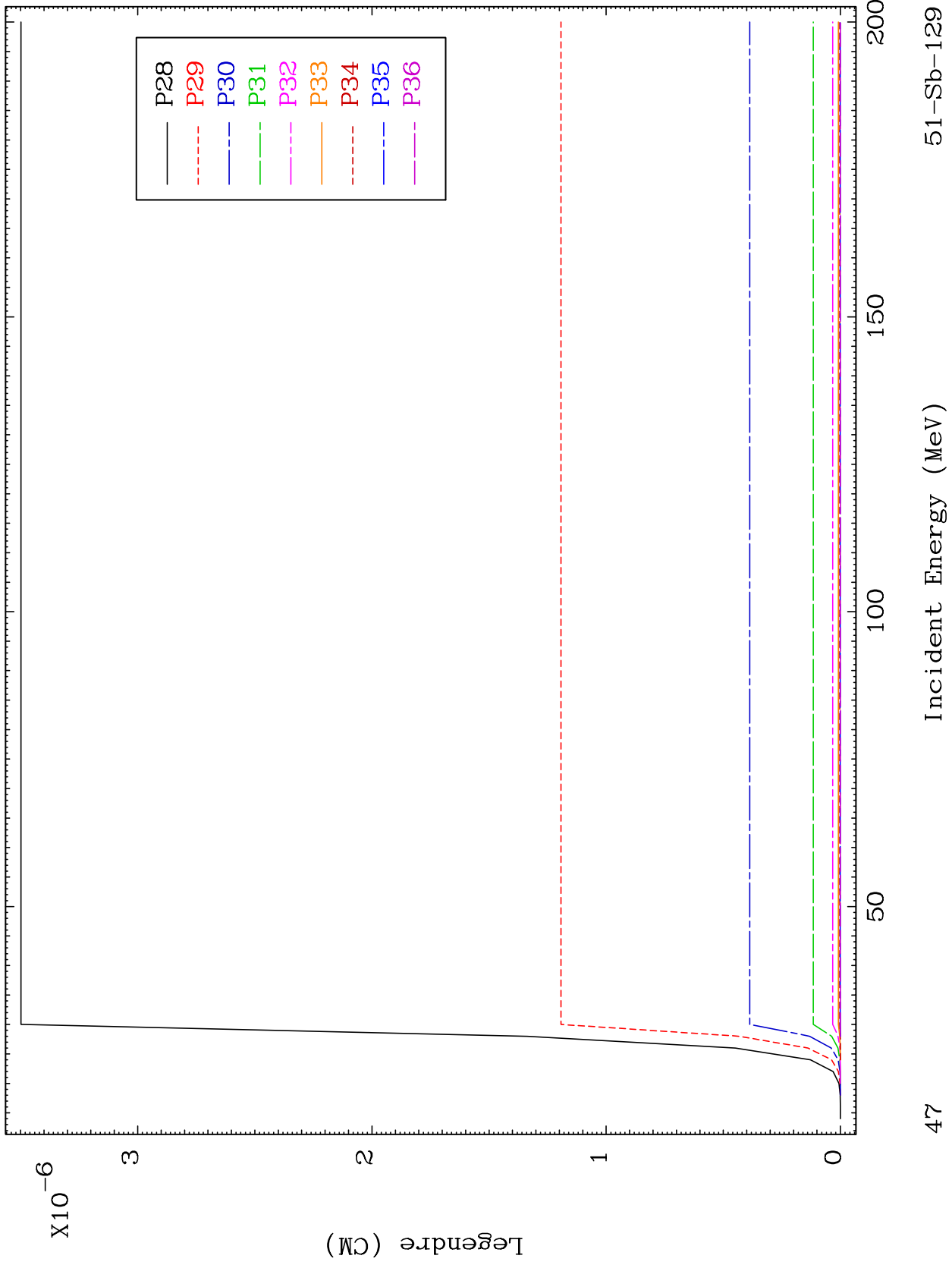
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MAT 5149

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

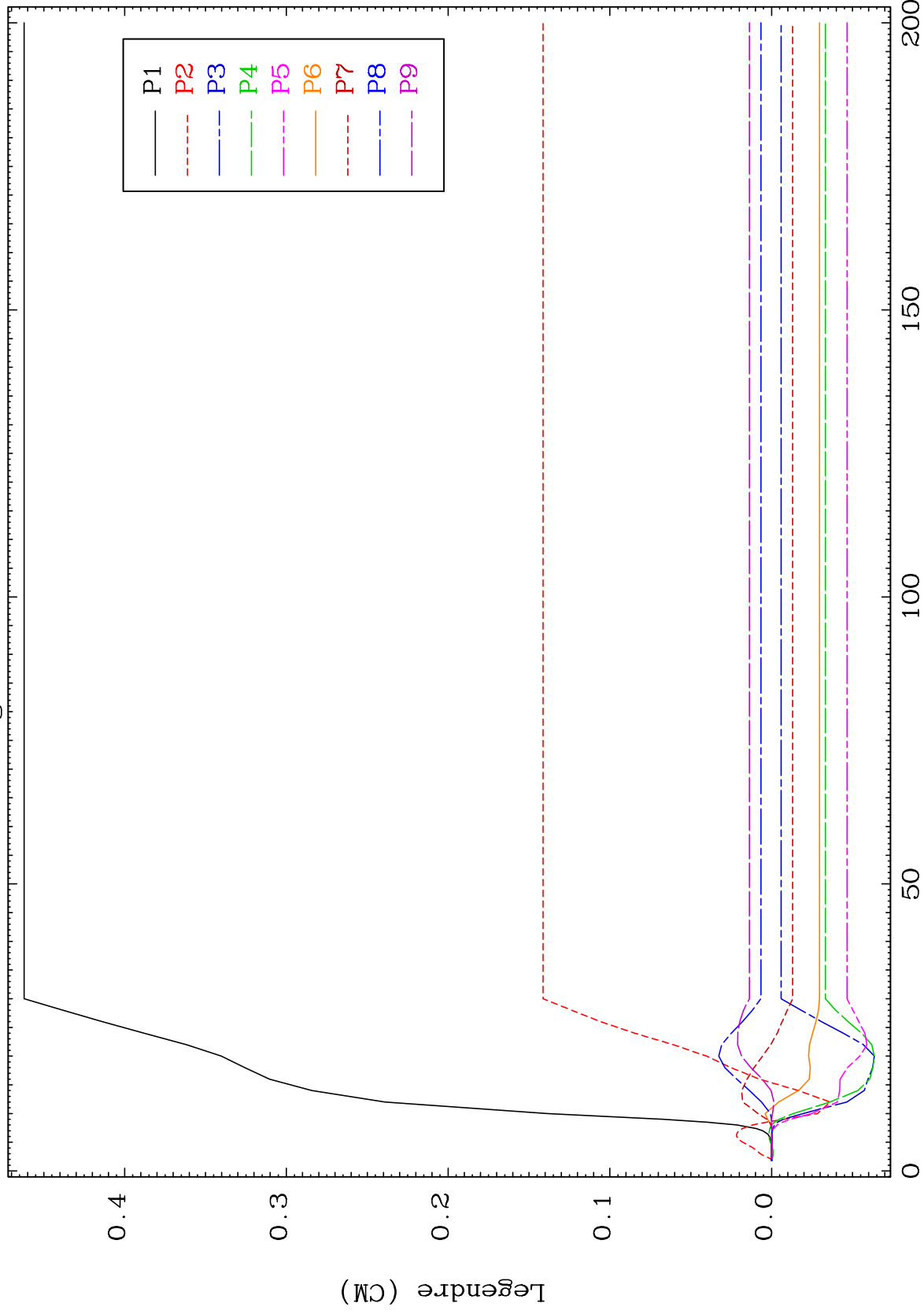
51-Sb-129



MAT 5149

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

51-Sb-129



48

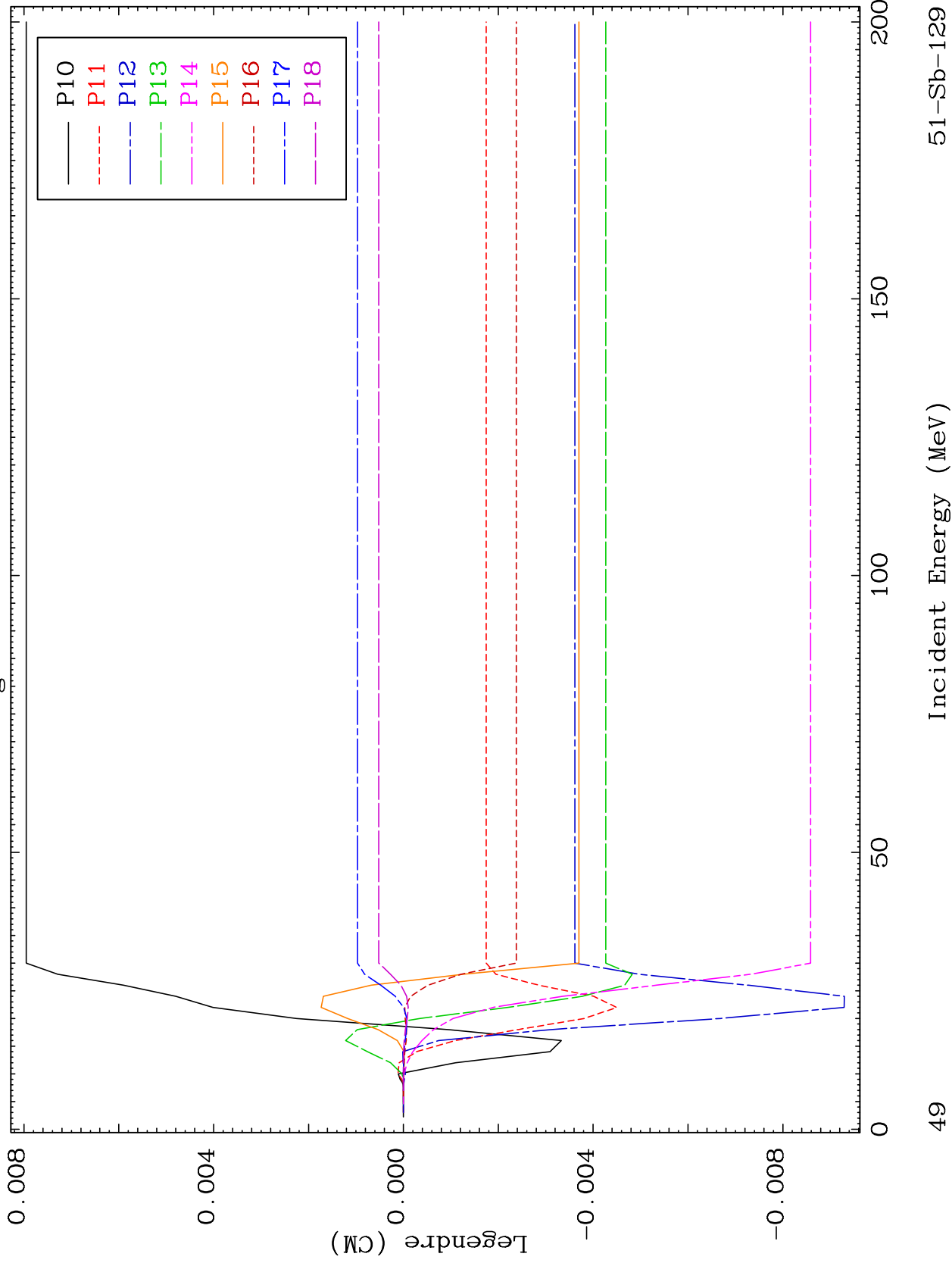
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



51-Sb-129

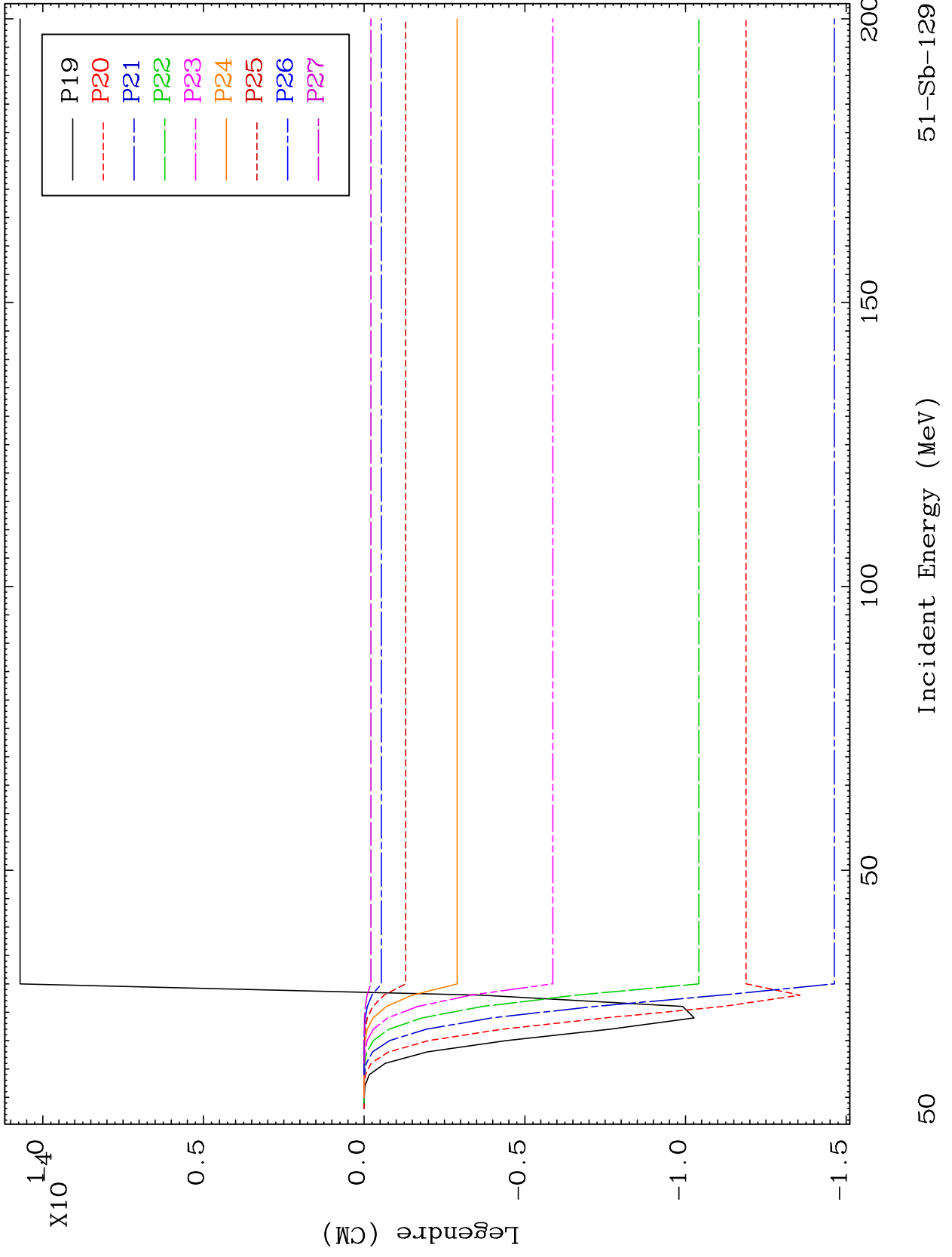
Incident Energy (MeV)

49

MAT 5149

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

51-Sb-129



51-Sb-129

Incident Energy (MeV)

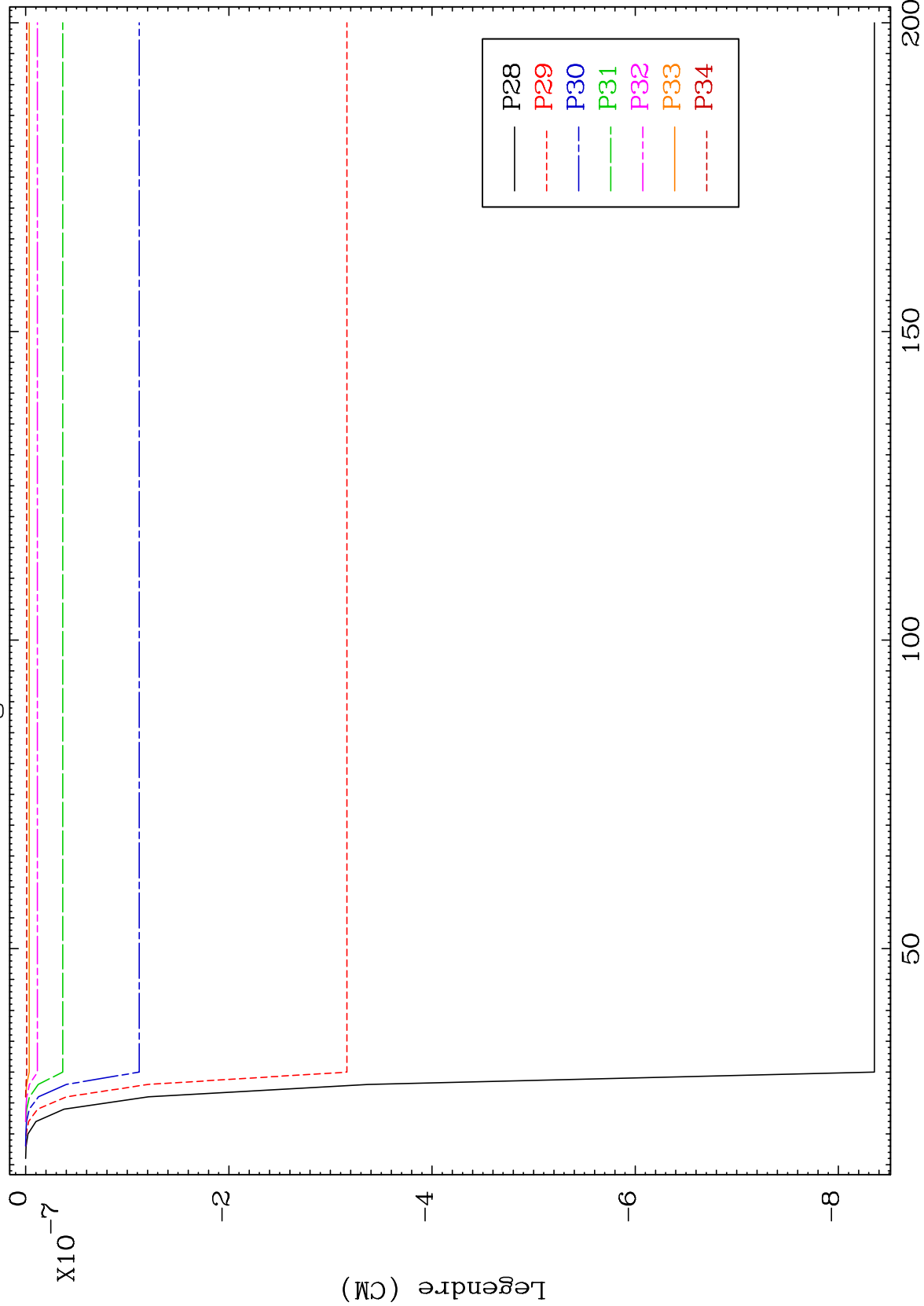
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MAT 5149

MT= 58 (n,n') Level

51-Sb-129

Legendre Coefficients



51

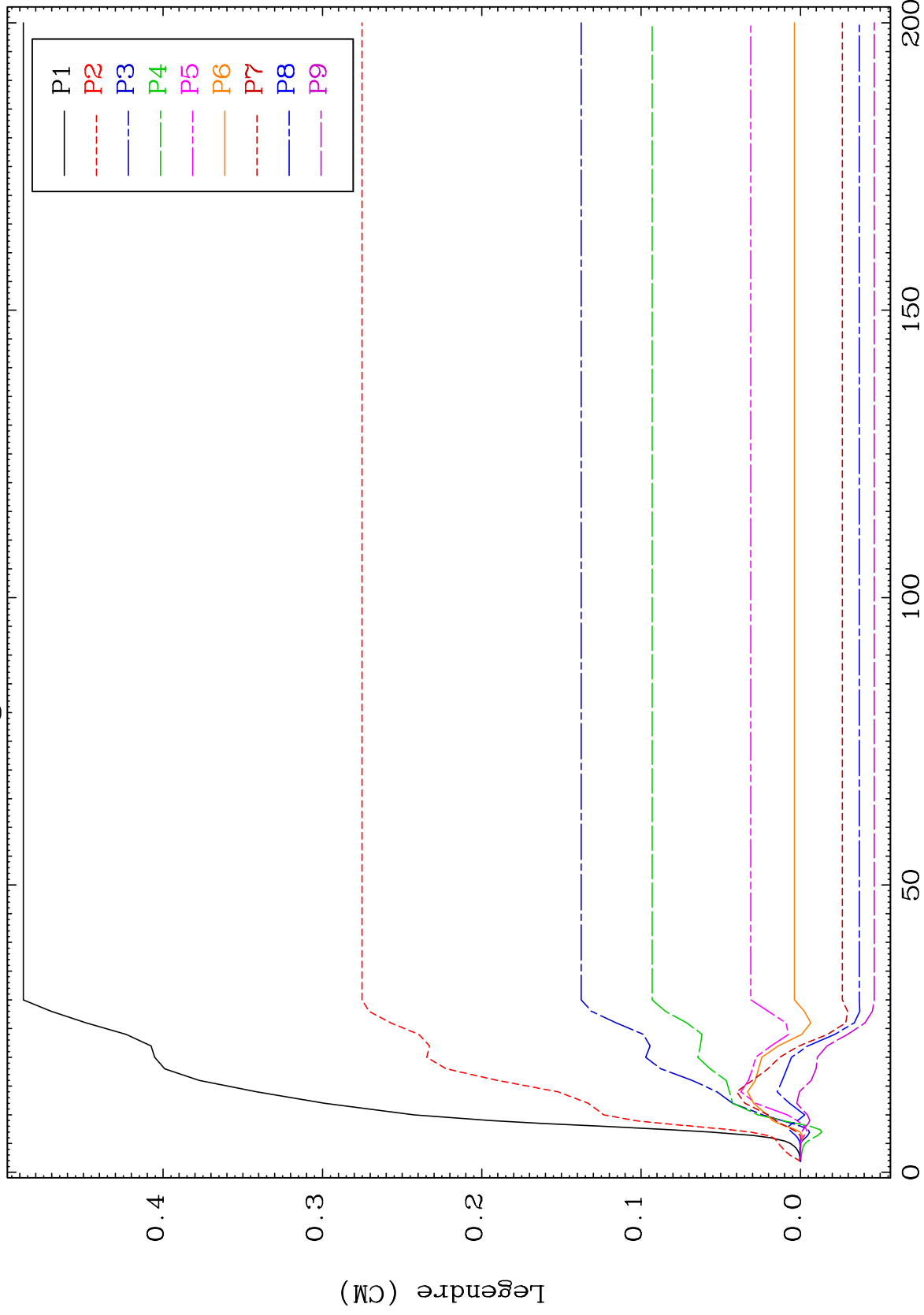
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



52

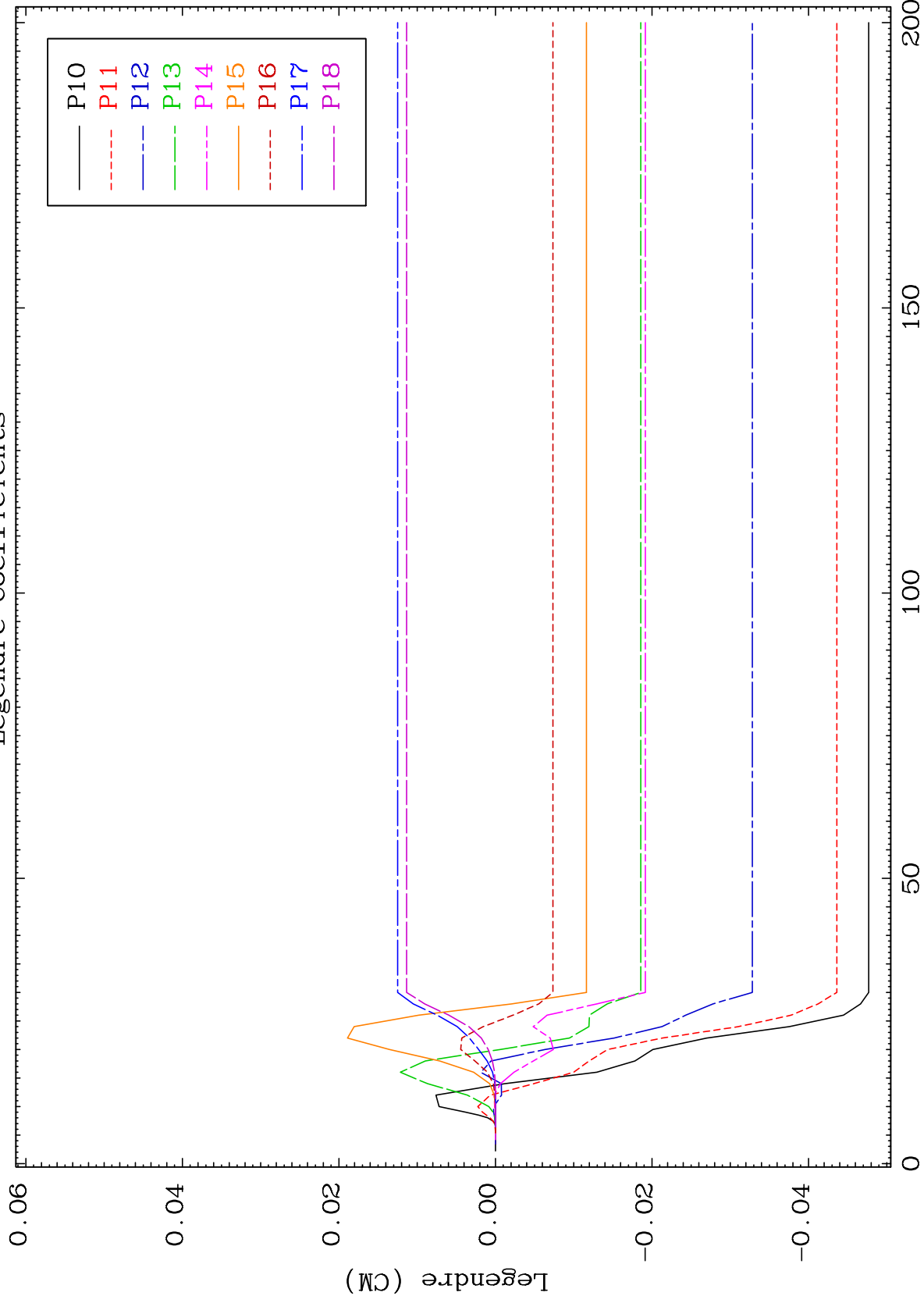
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



53

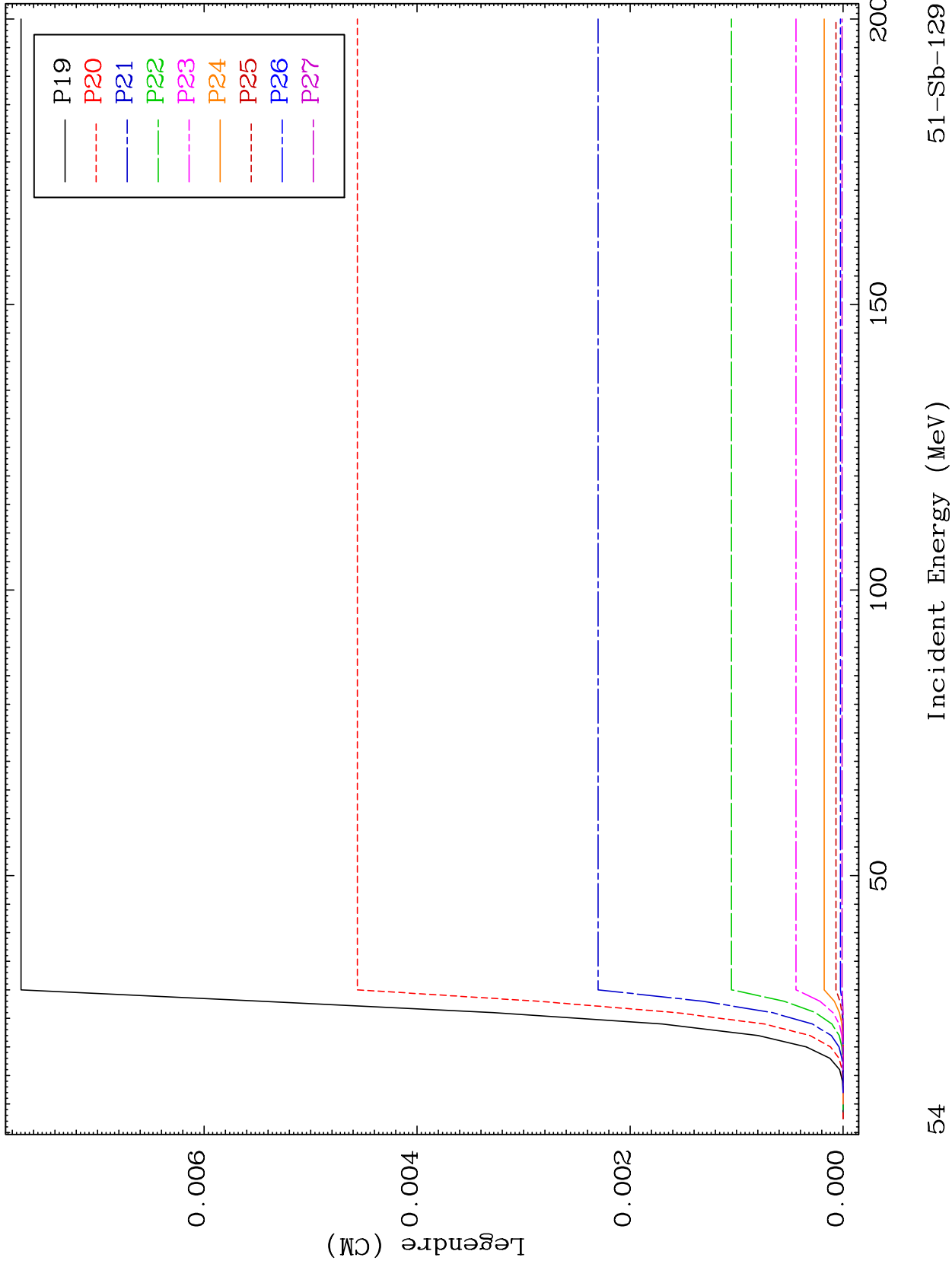
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



54

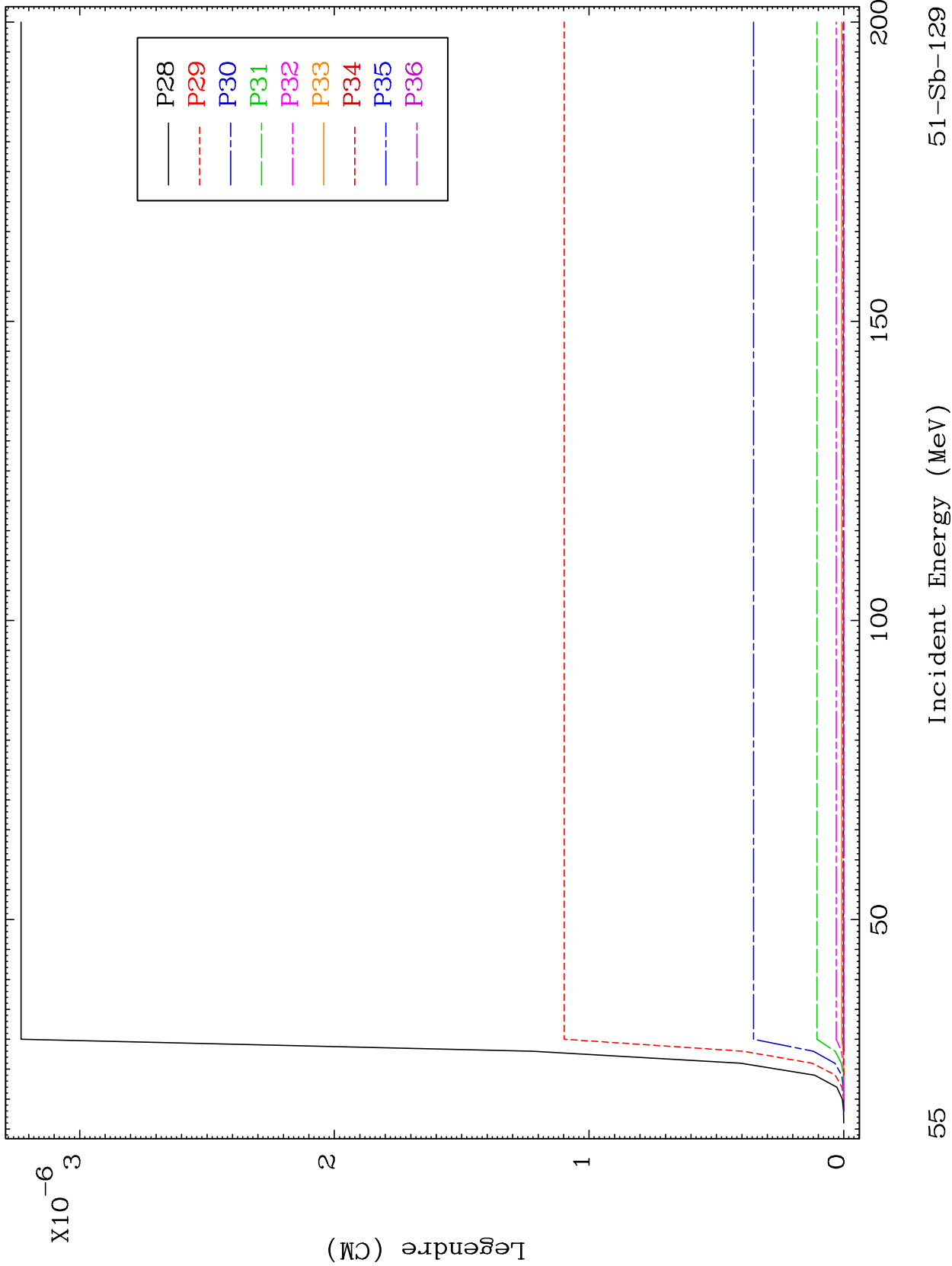
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

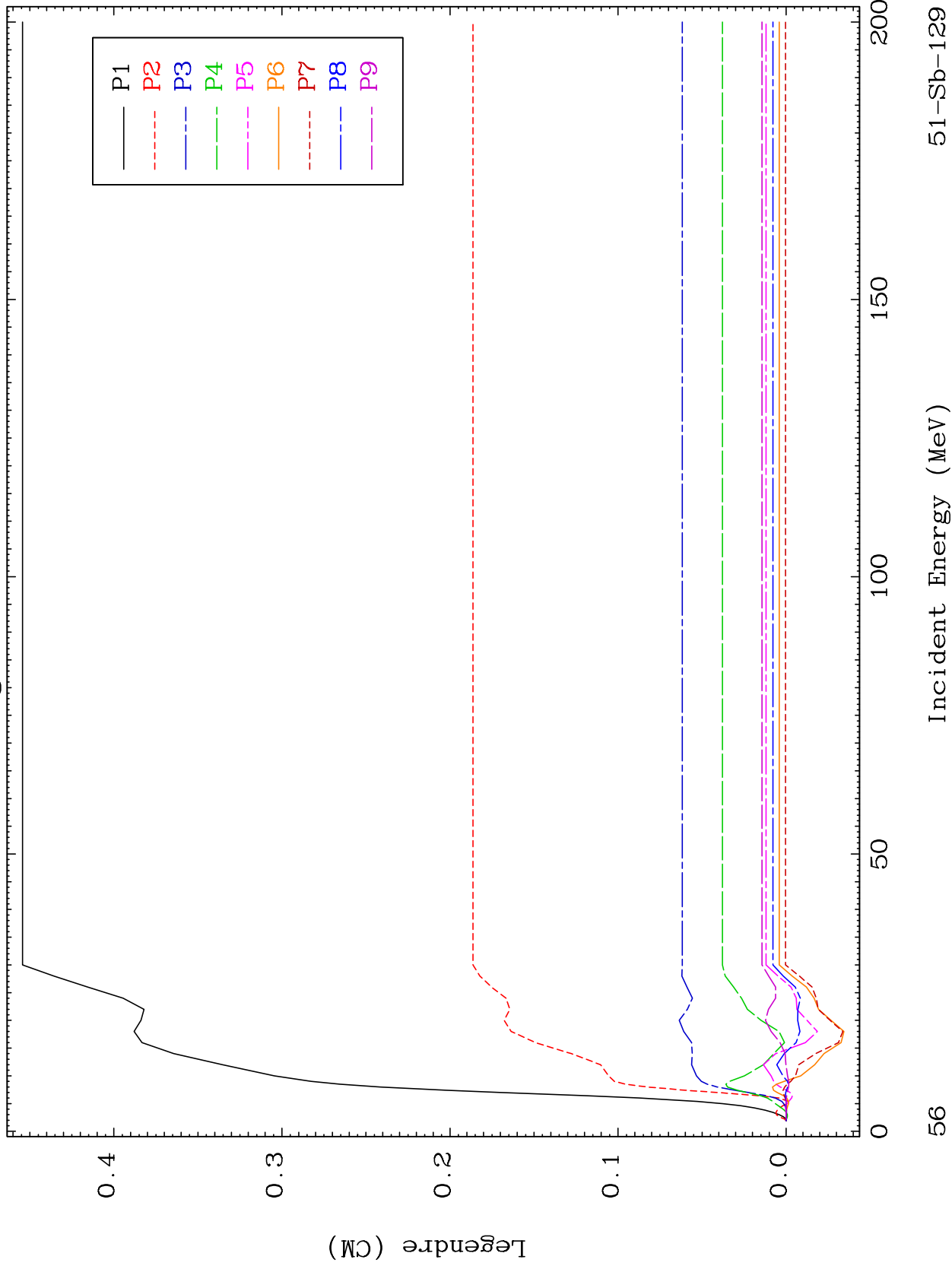
51-Sb-129



MAT 5149

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

51-Sb-129



51-Sb-129

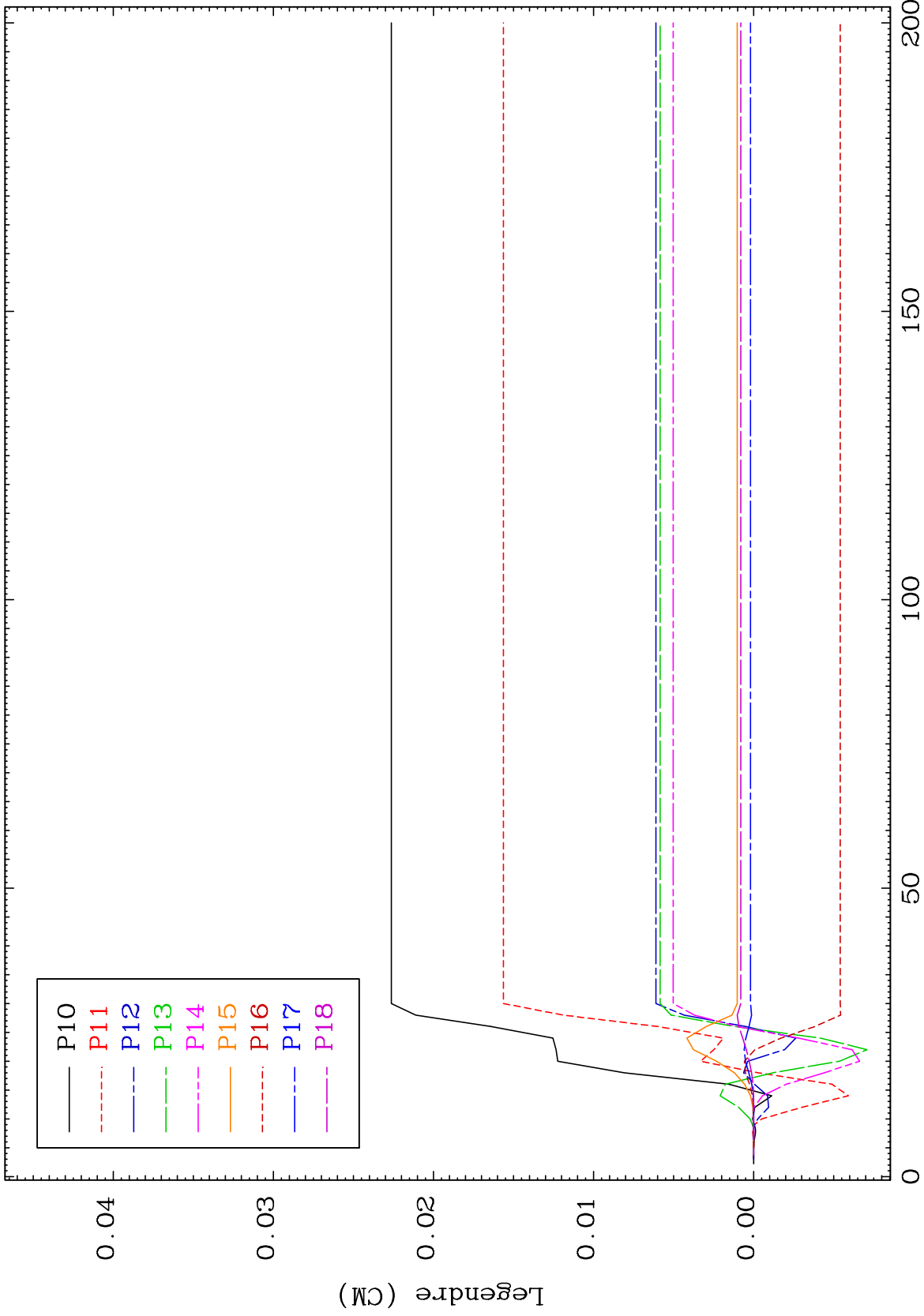
Incident Energy (MeV)

56

MAT 5149

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

51-Sb-129



57

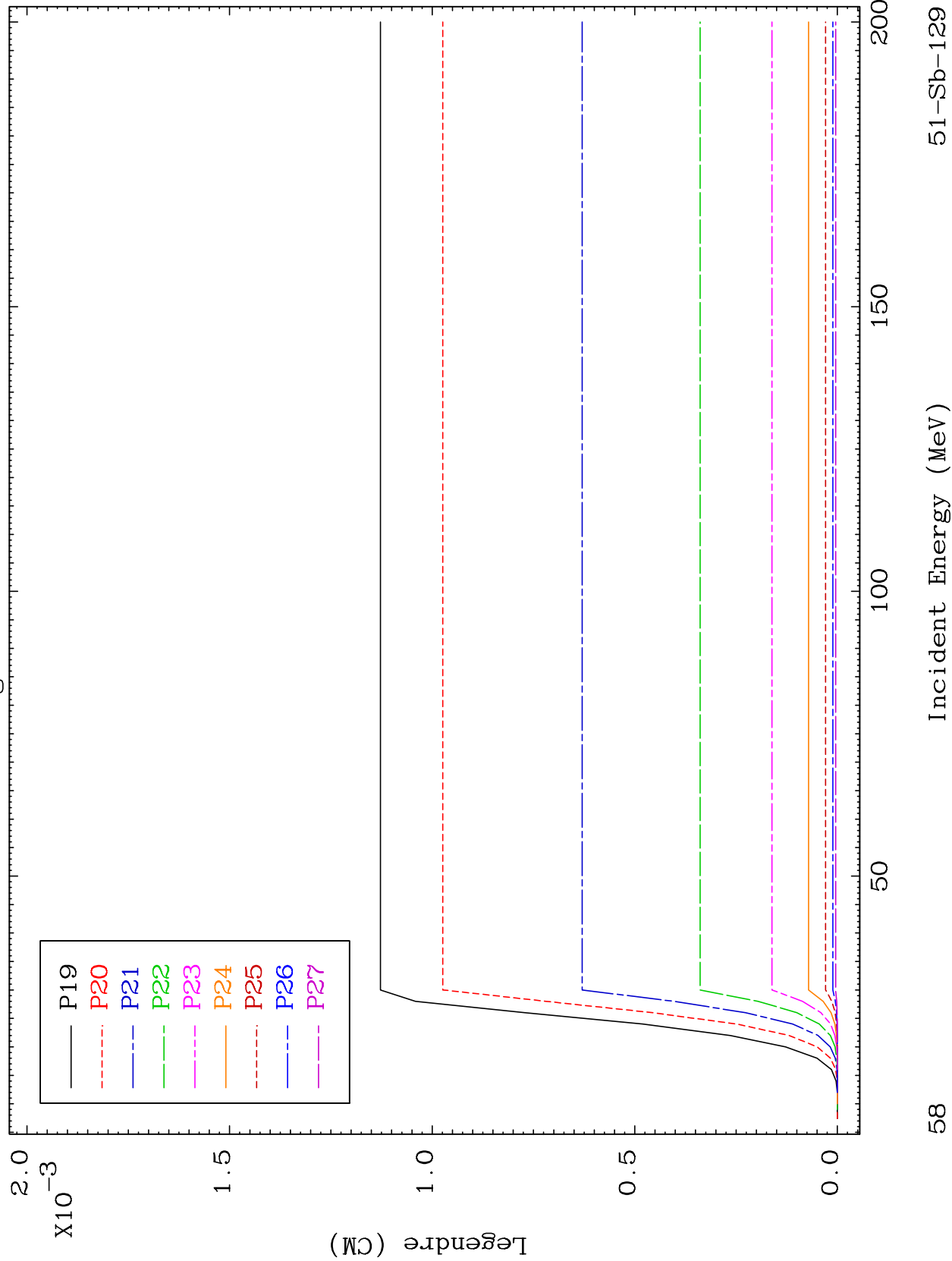
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



58

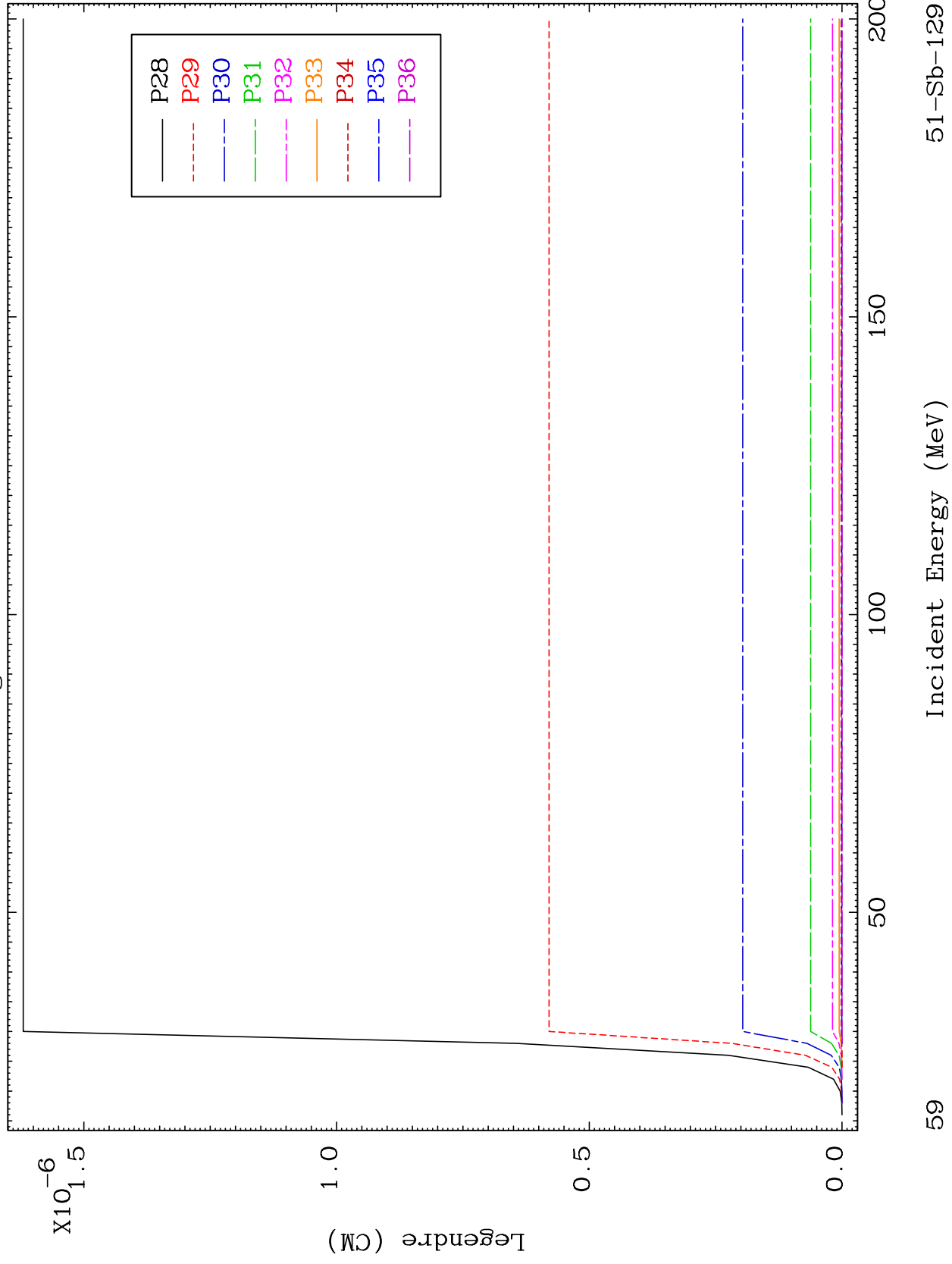
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

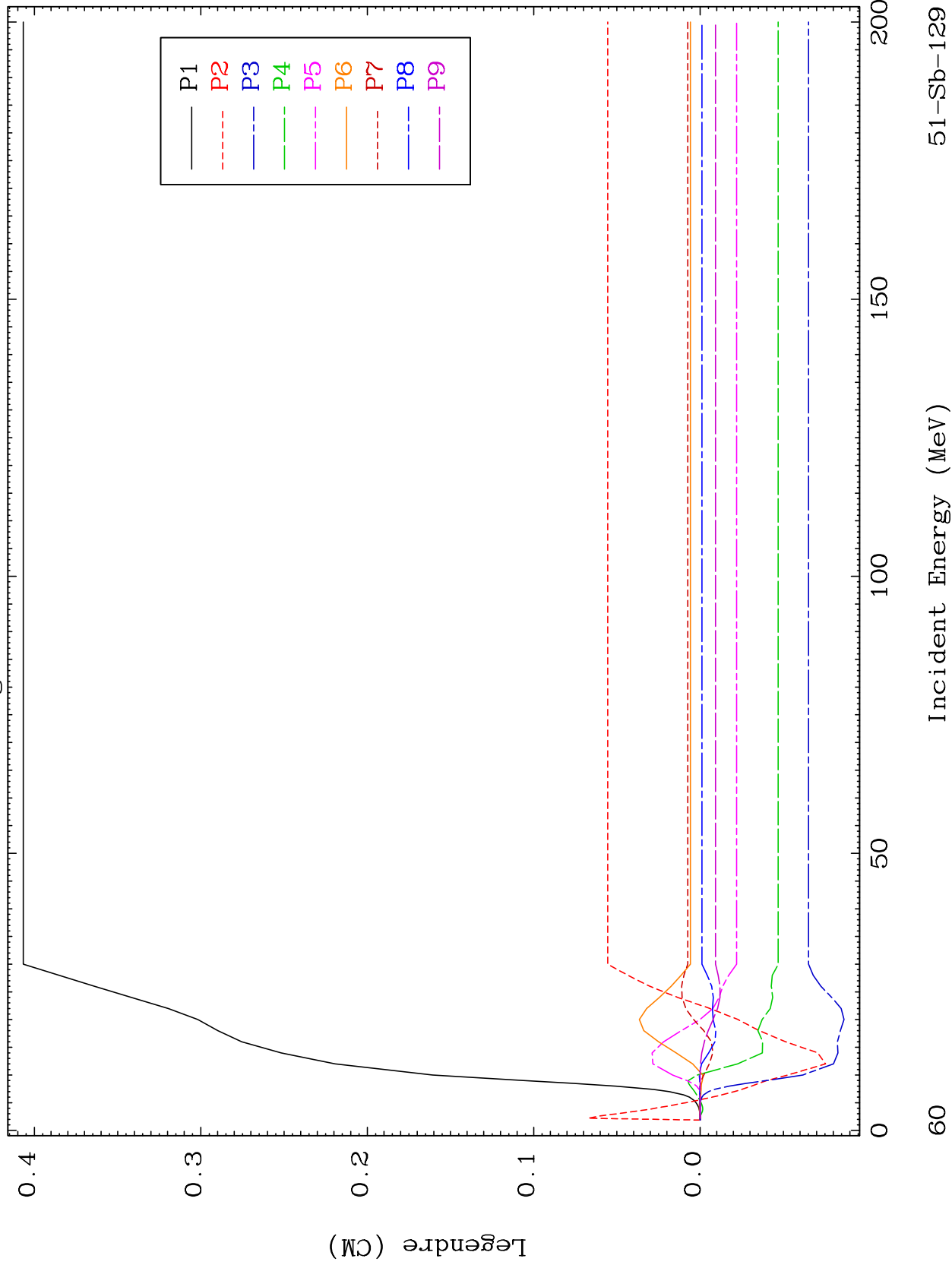
51-Sb-129



MAT 5149

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

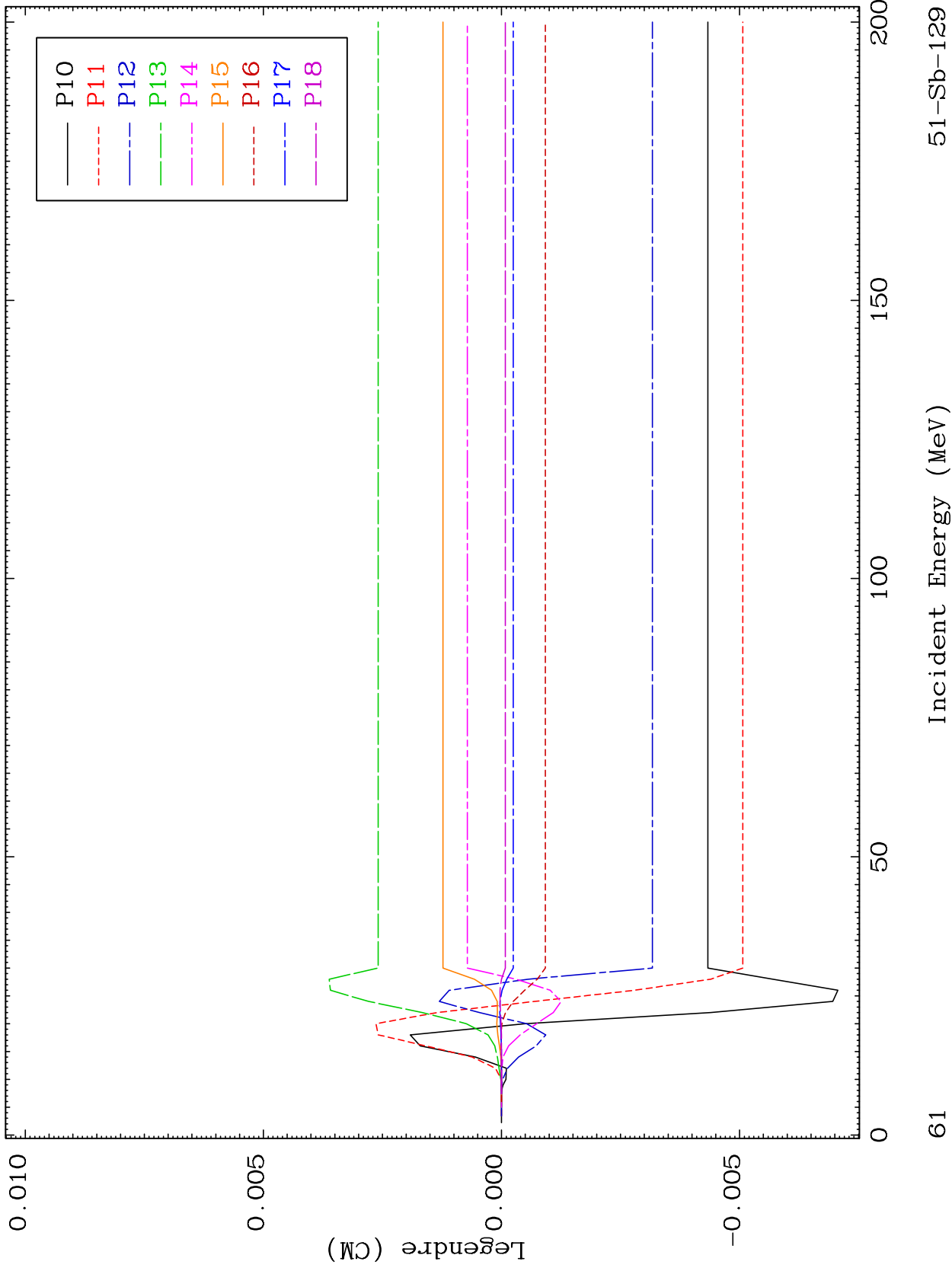
51-Sb-129



MAT 5149

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

51-Sb-129



51-Sb-129

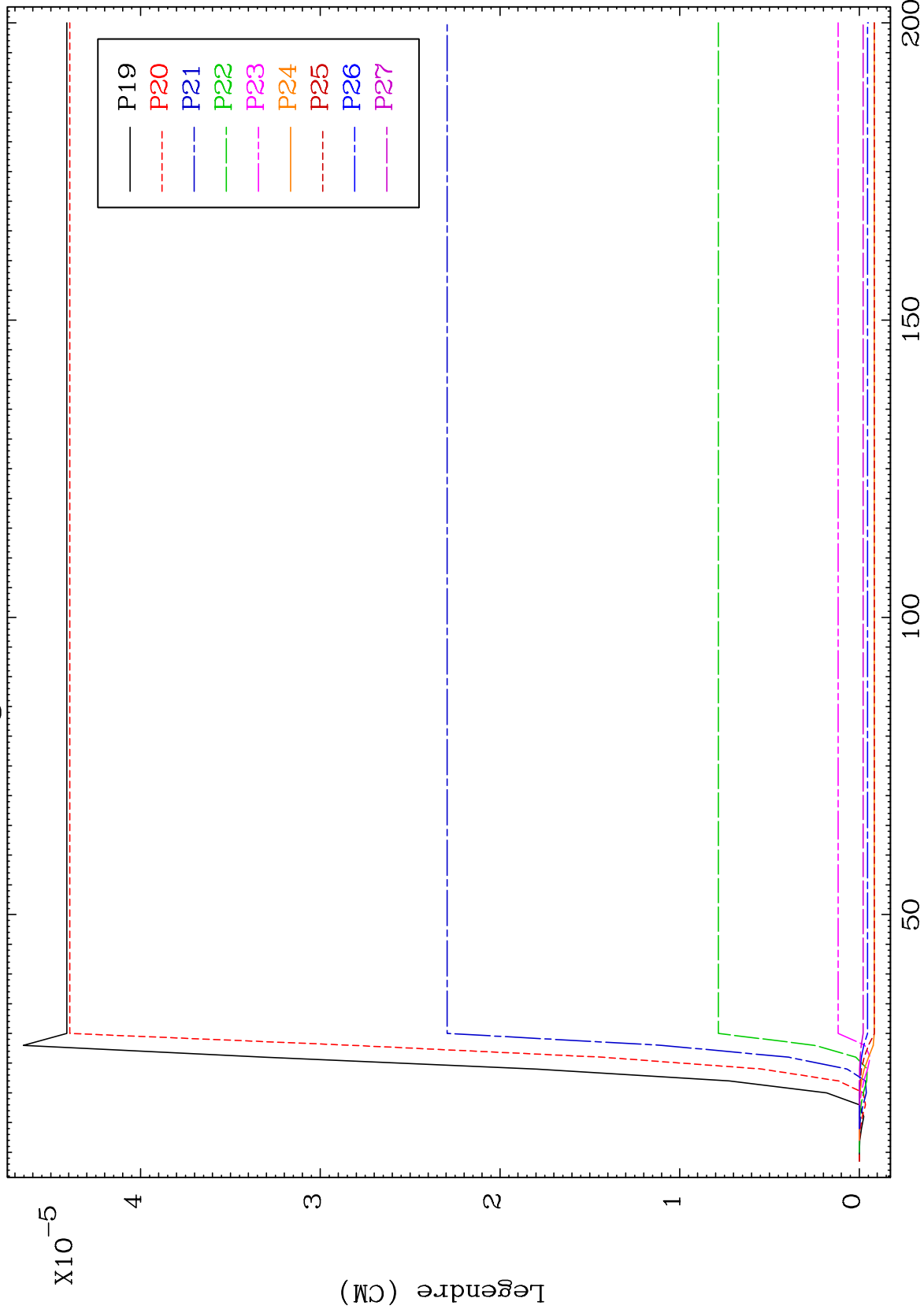
Incident Energy (MeV)

61

MAT 5149

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

51-Sb-129



62

Incident Energy (MeV)

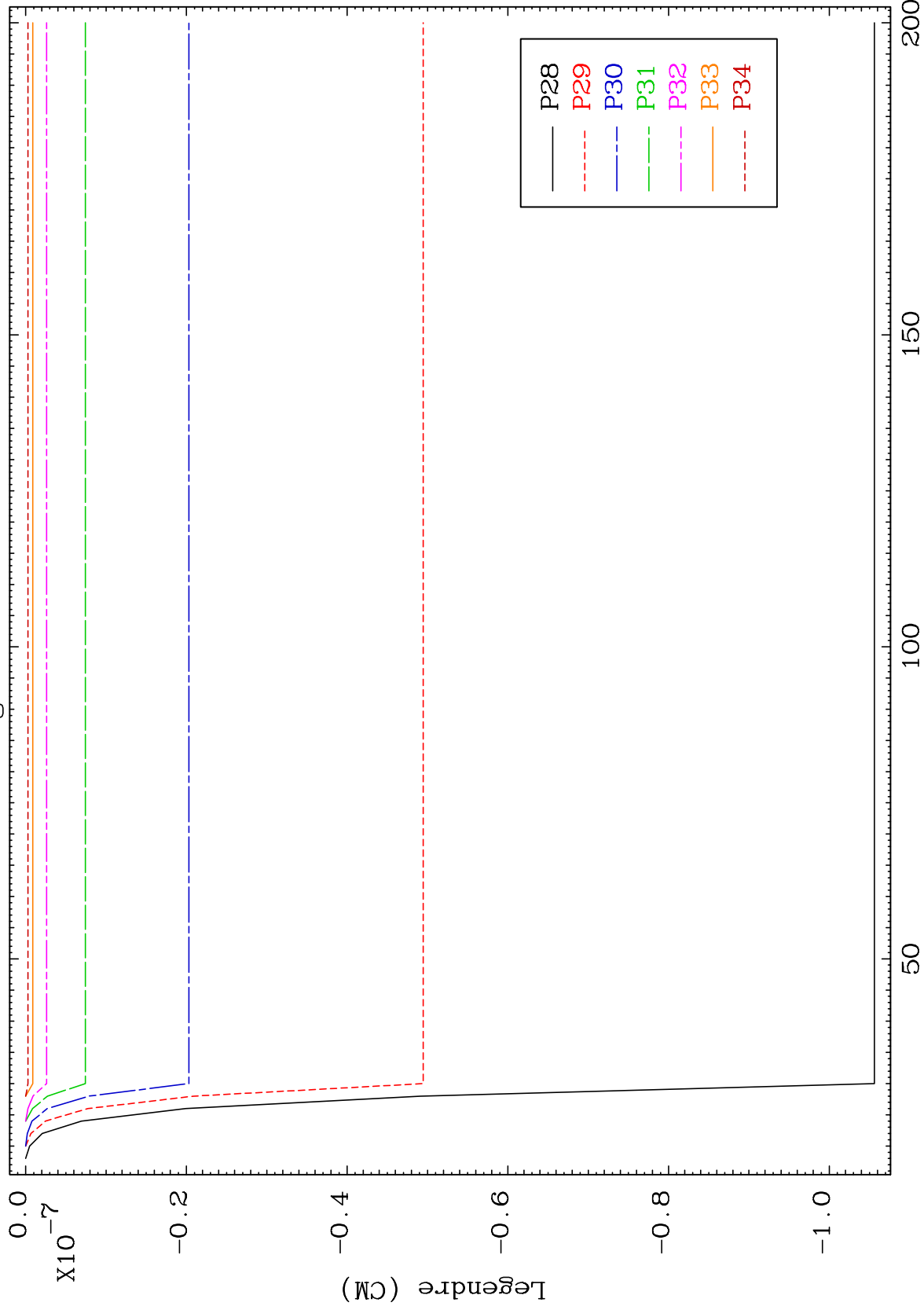
51-Sb-129

MAT 5149

MT= 61 (n,n') Level

51-Sb-129

Legendre Coefficients



63

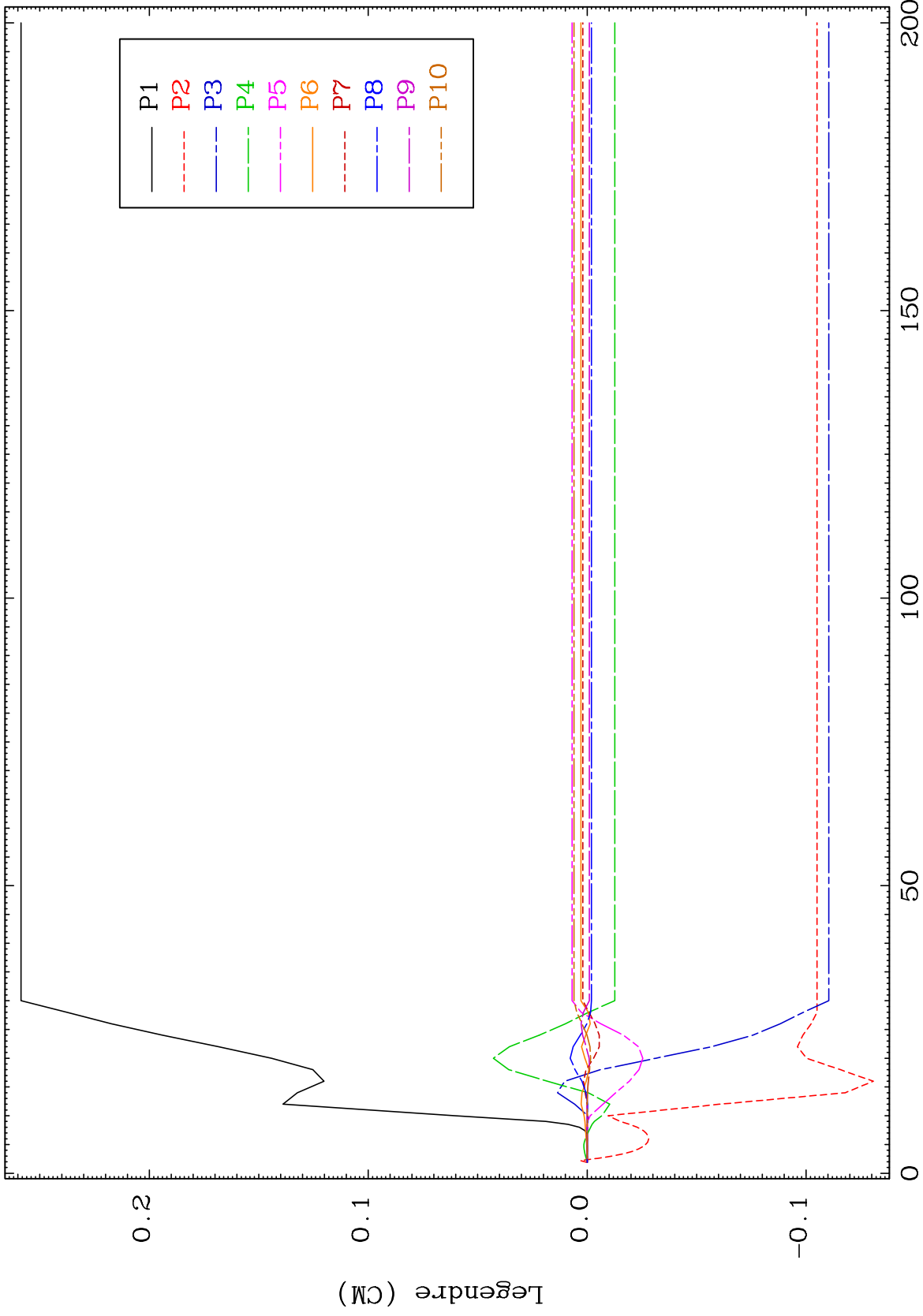
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



64

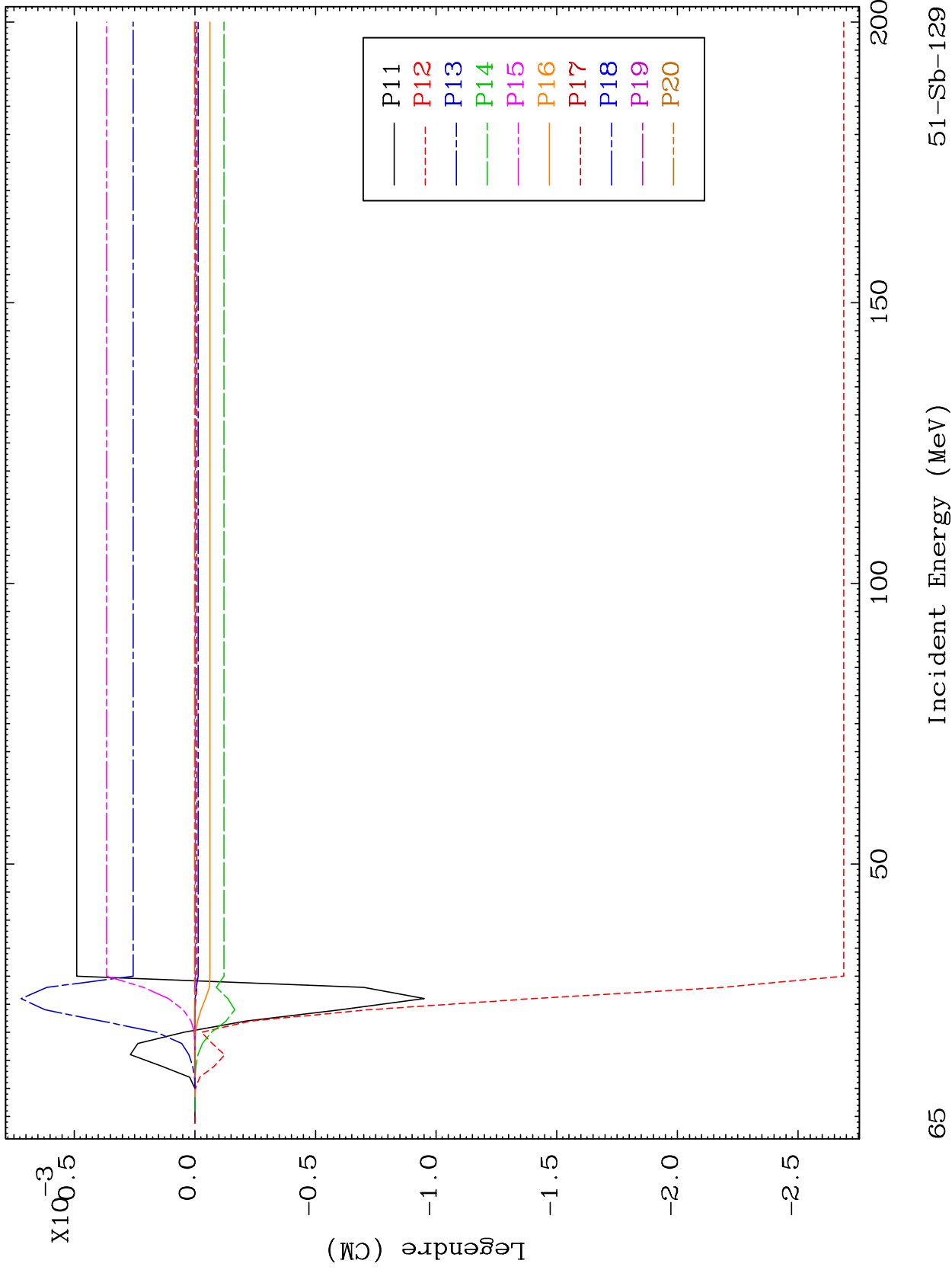
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

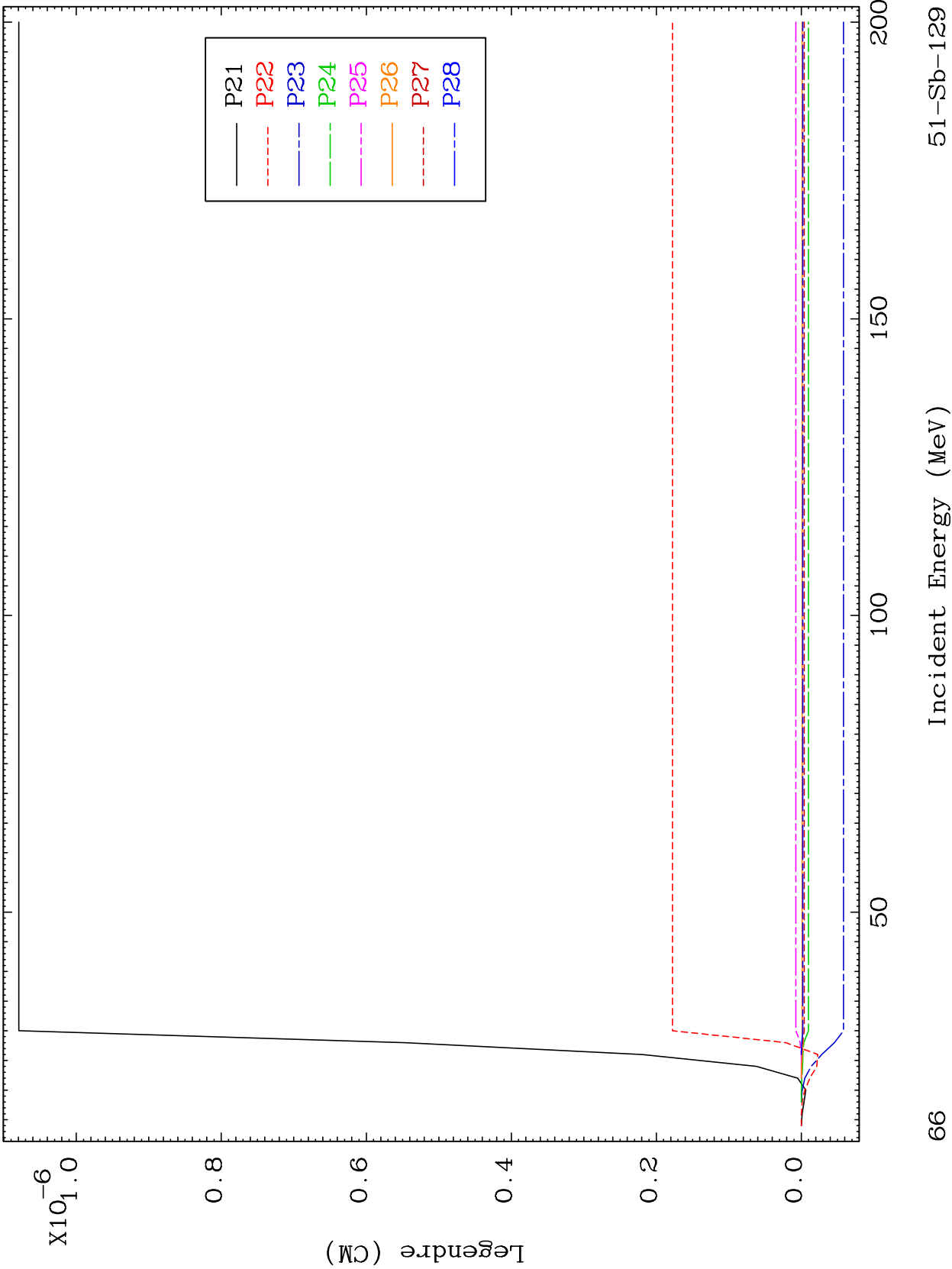
51-Sb-129



65

Incident Energy (MeV)

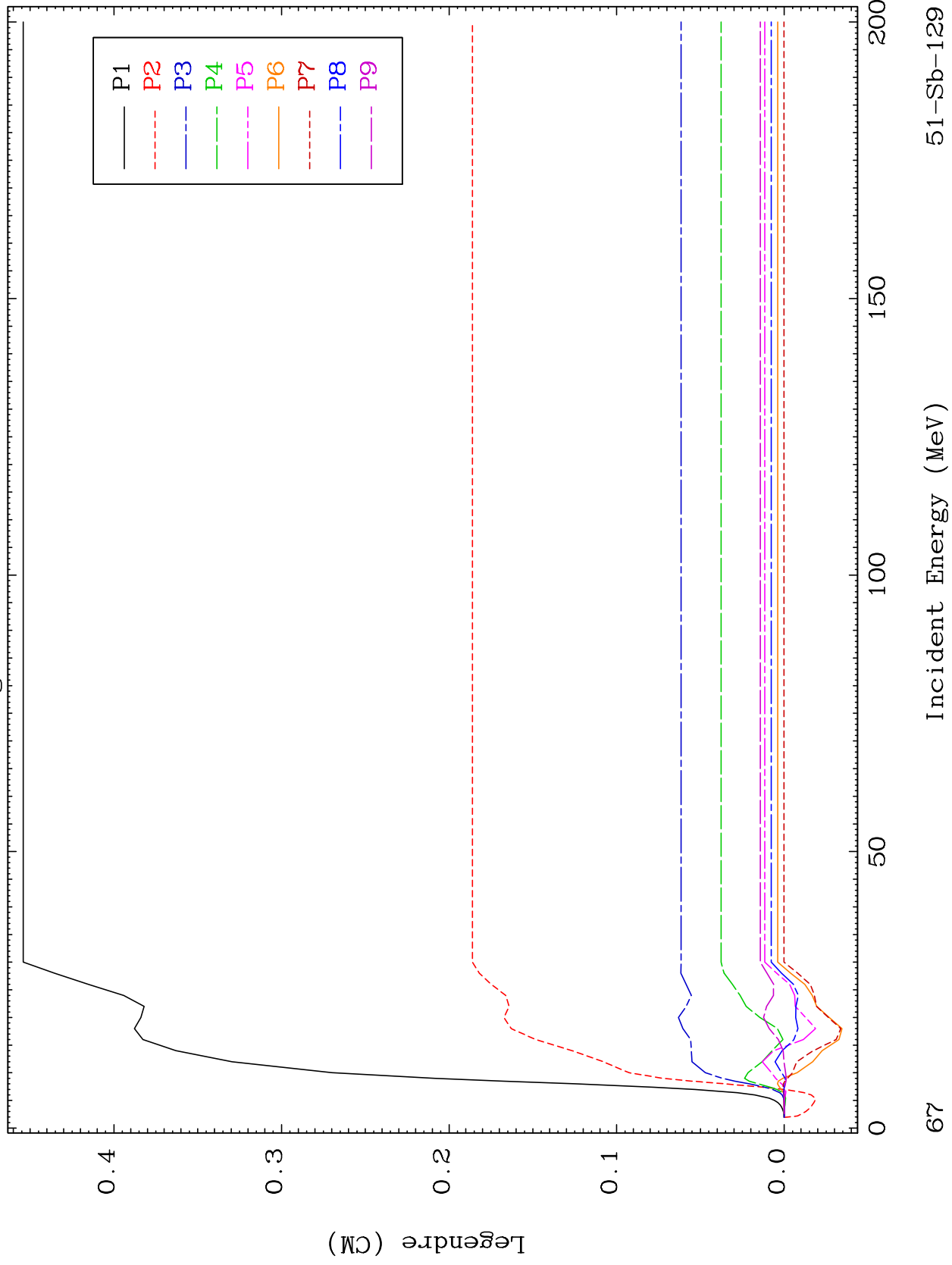
51-Sb-129



MAT 5149

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

51-Sb-129



51-Sb-129

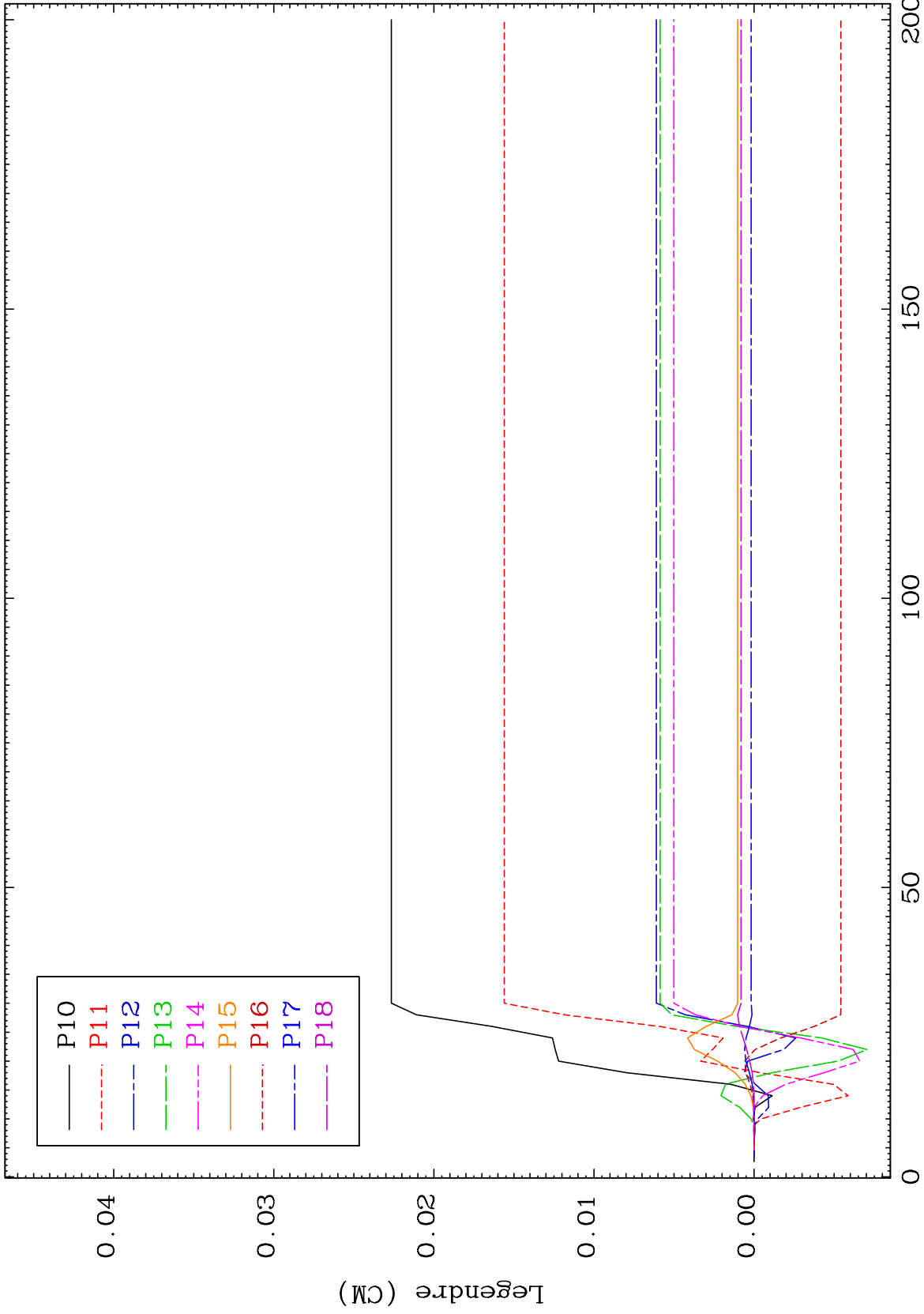
Incident Energy (MeV)

67

MAT 5149

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

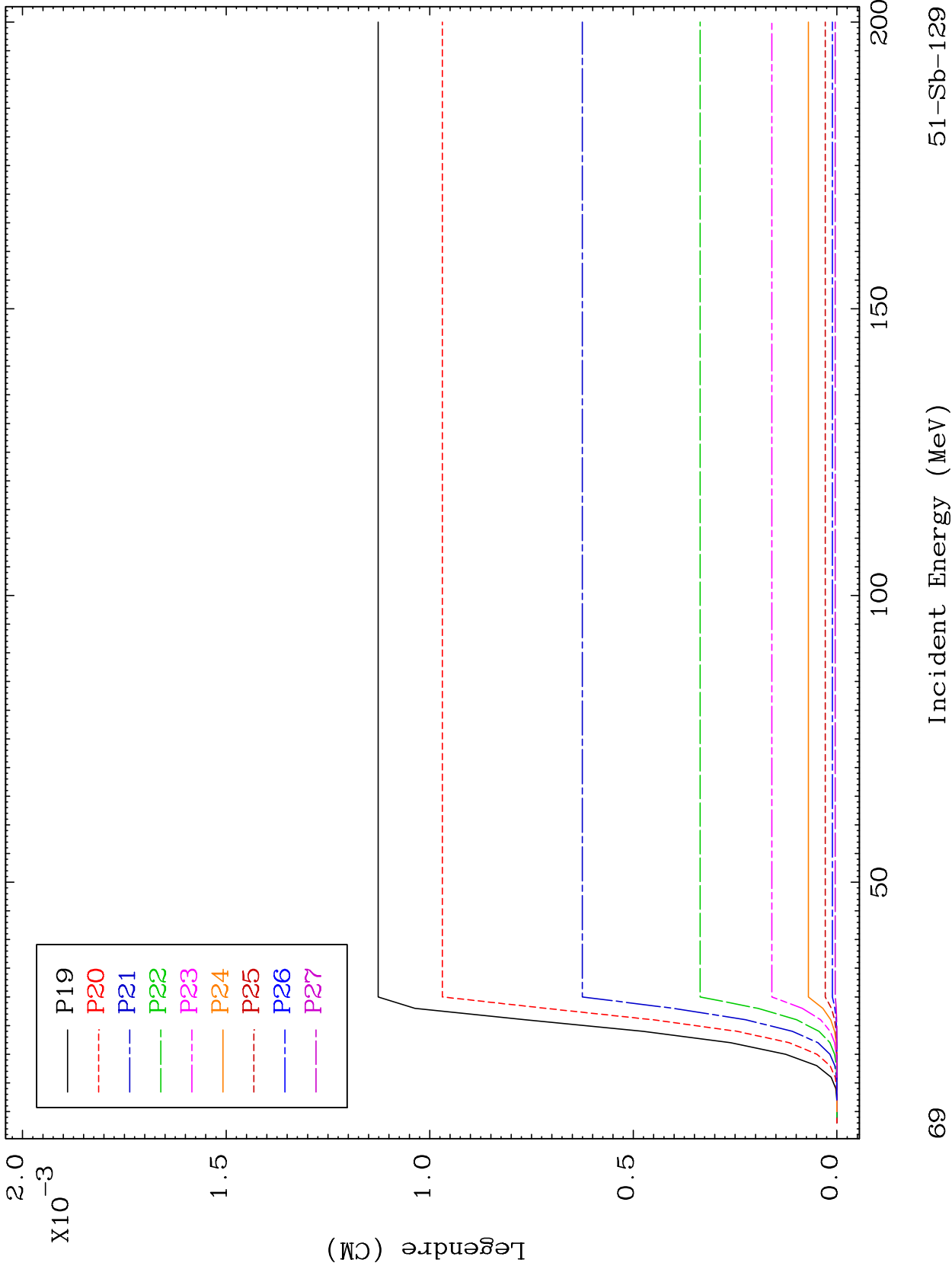
51-Sb-129



68

Incident Energy (MeV)

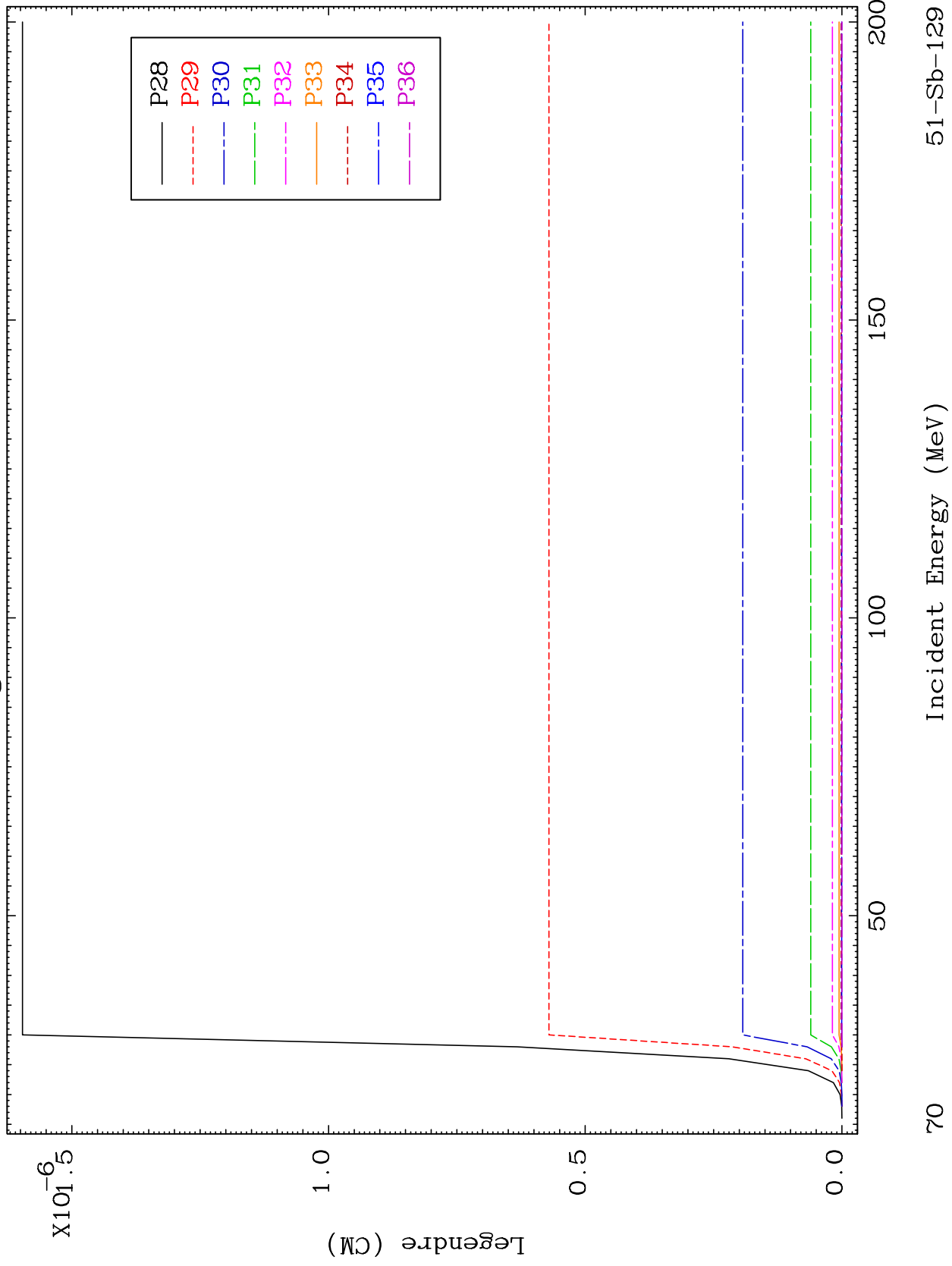
51-Sb-129



MAT 5149

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

51-Sb-129



70

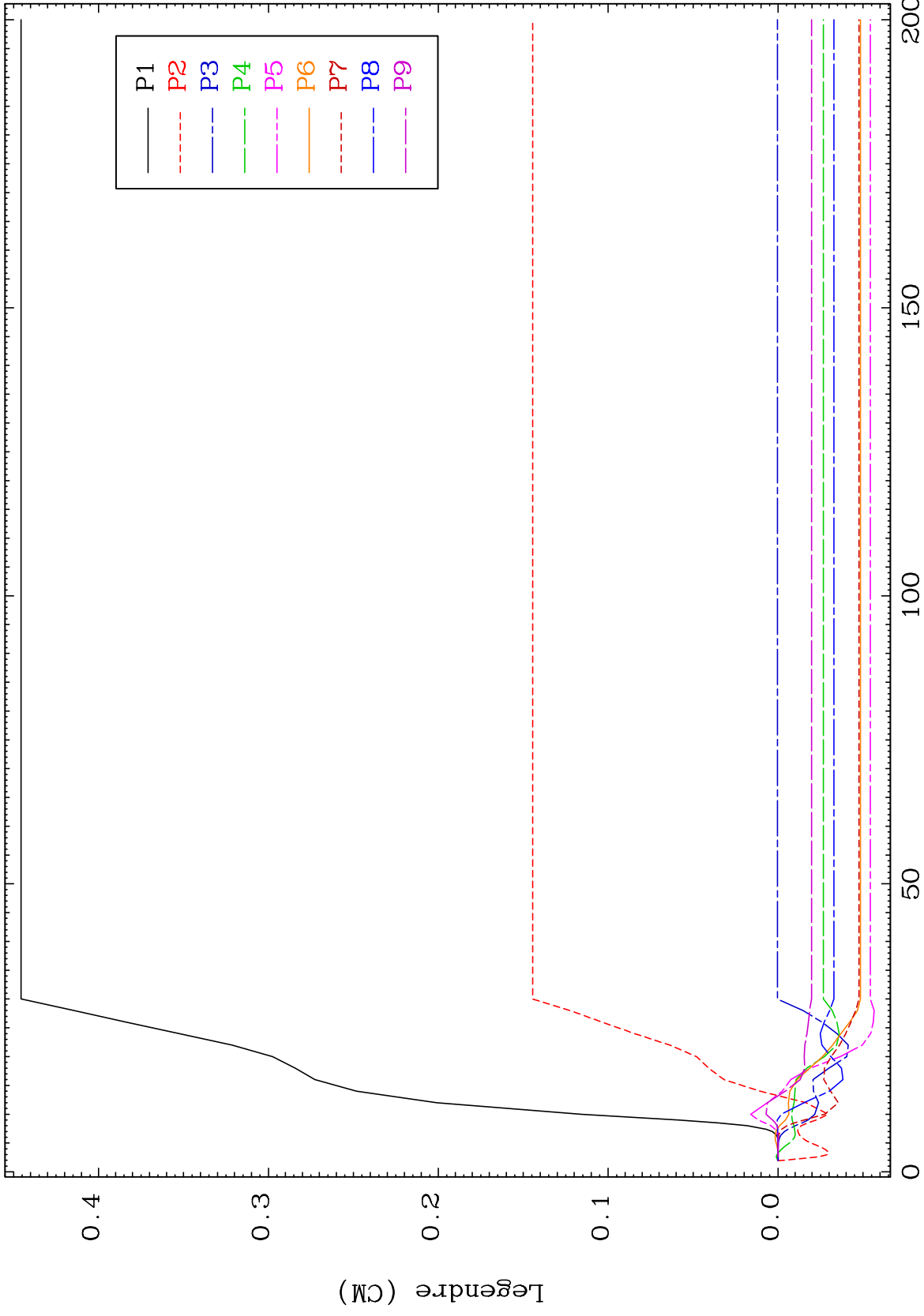
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



71

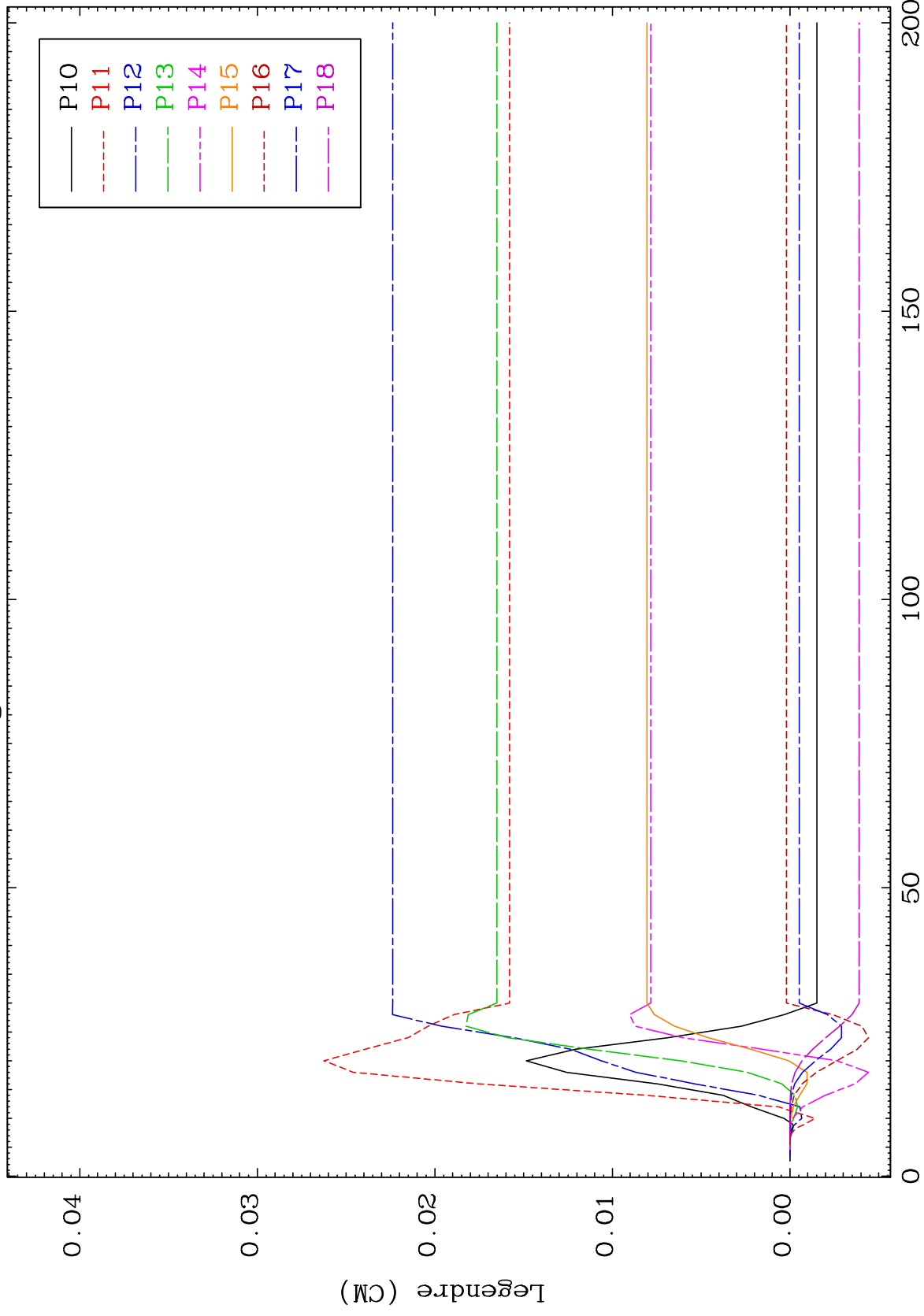
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

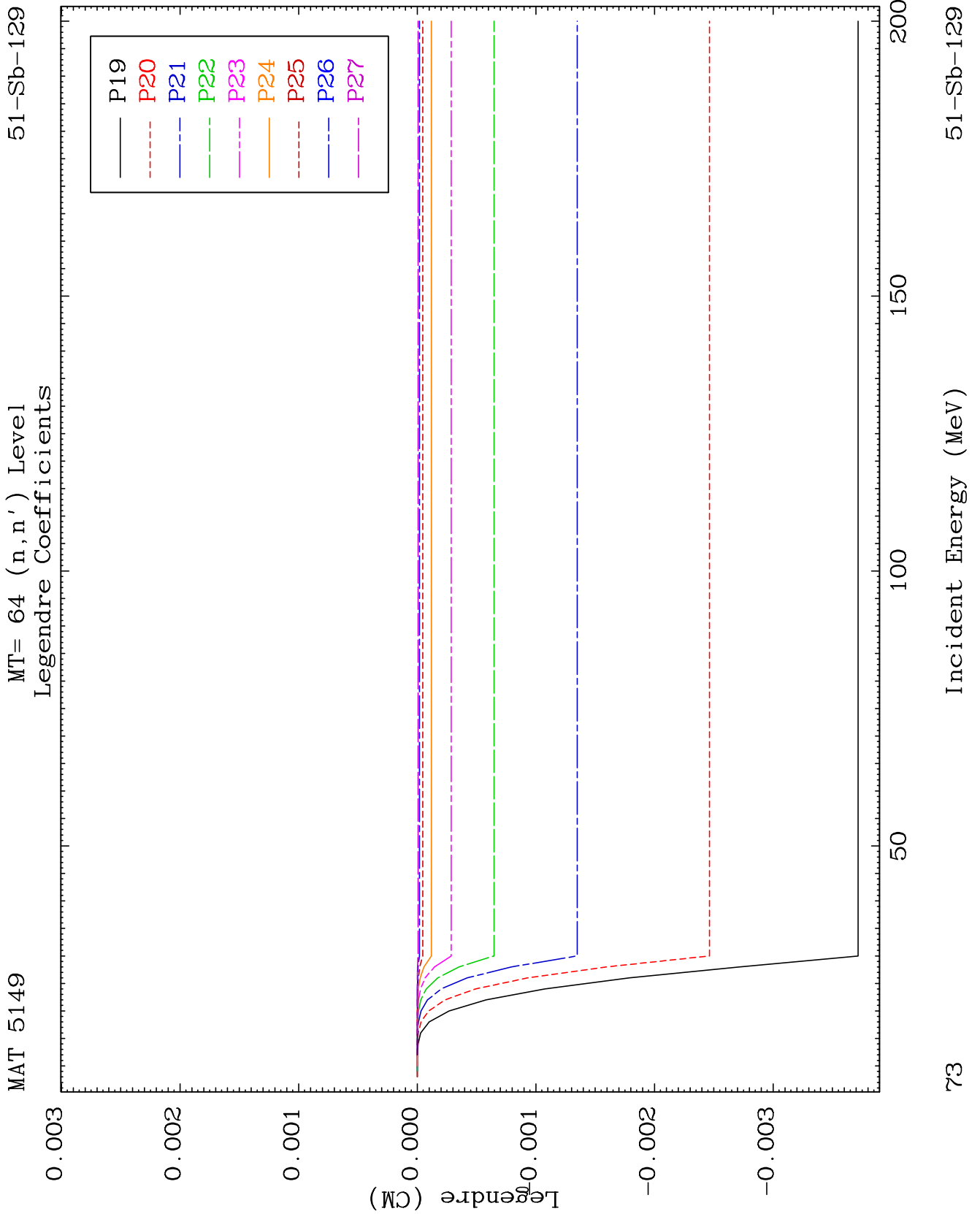
51-Sb-129



72

Incident Energy (MeV)

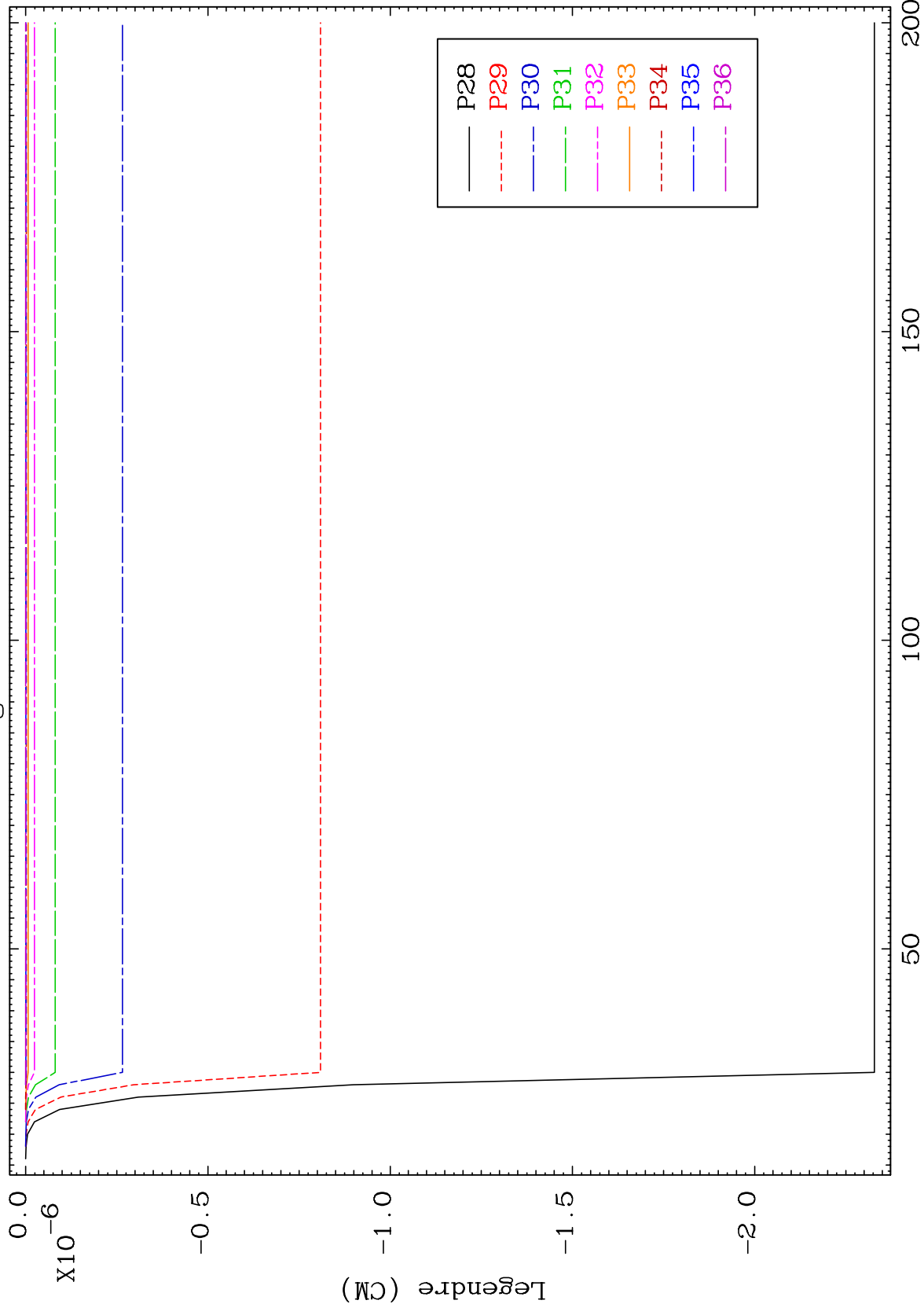
51-Sb-129



MAT 5149

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

51-Sb-129



74

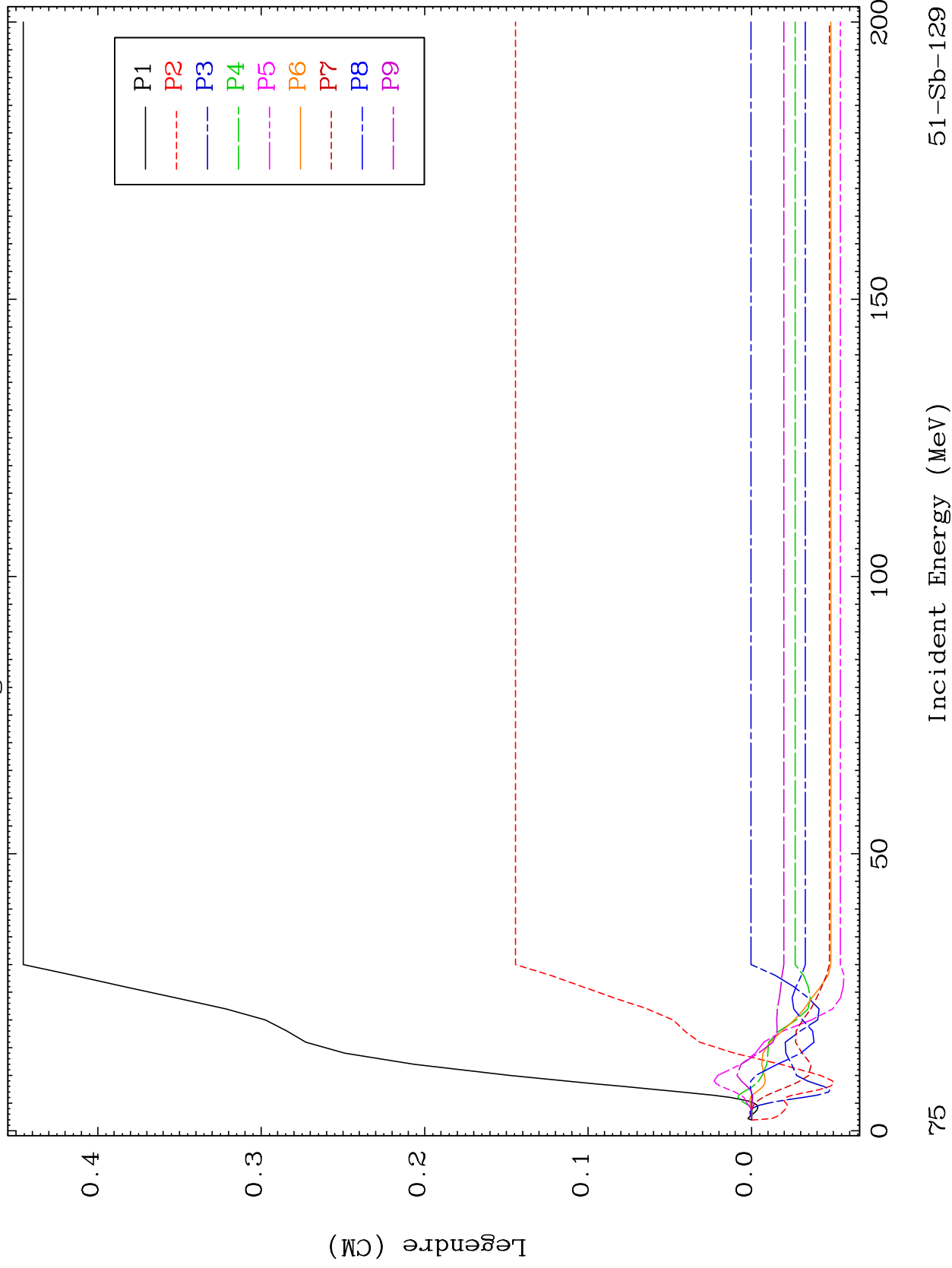
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



51-Sb-129

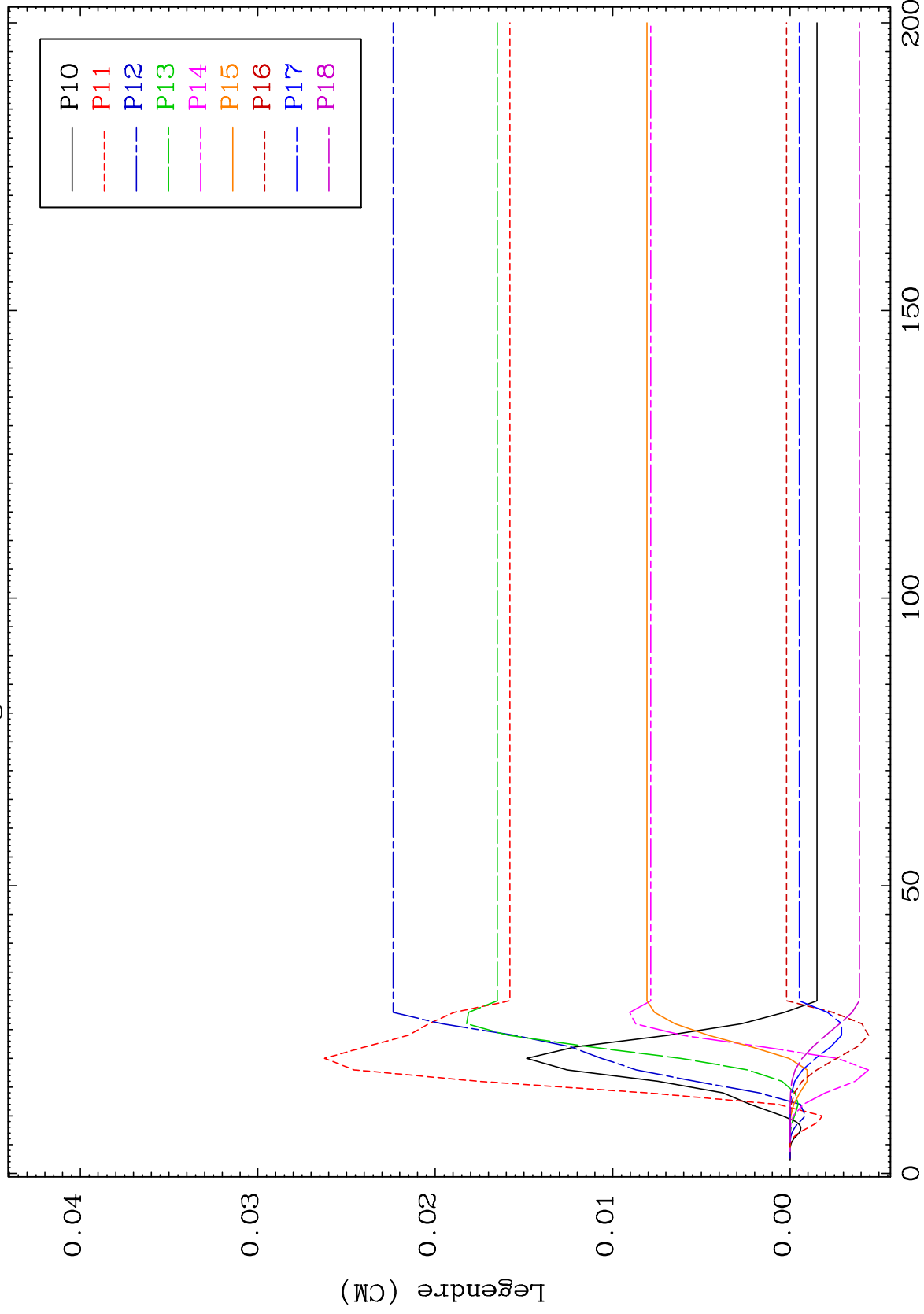
Incident Energy (MeV)

75

MAT 5149

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

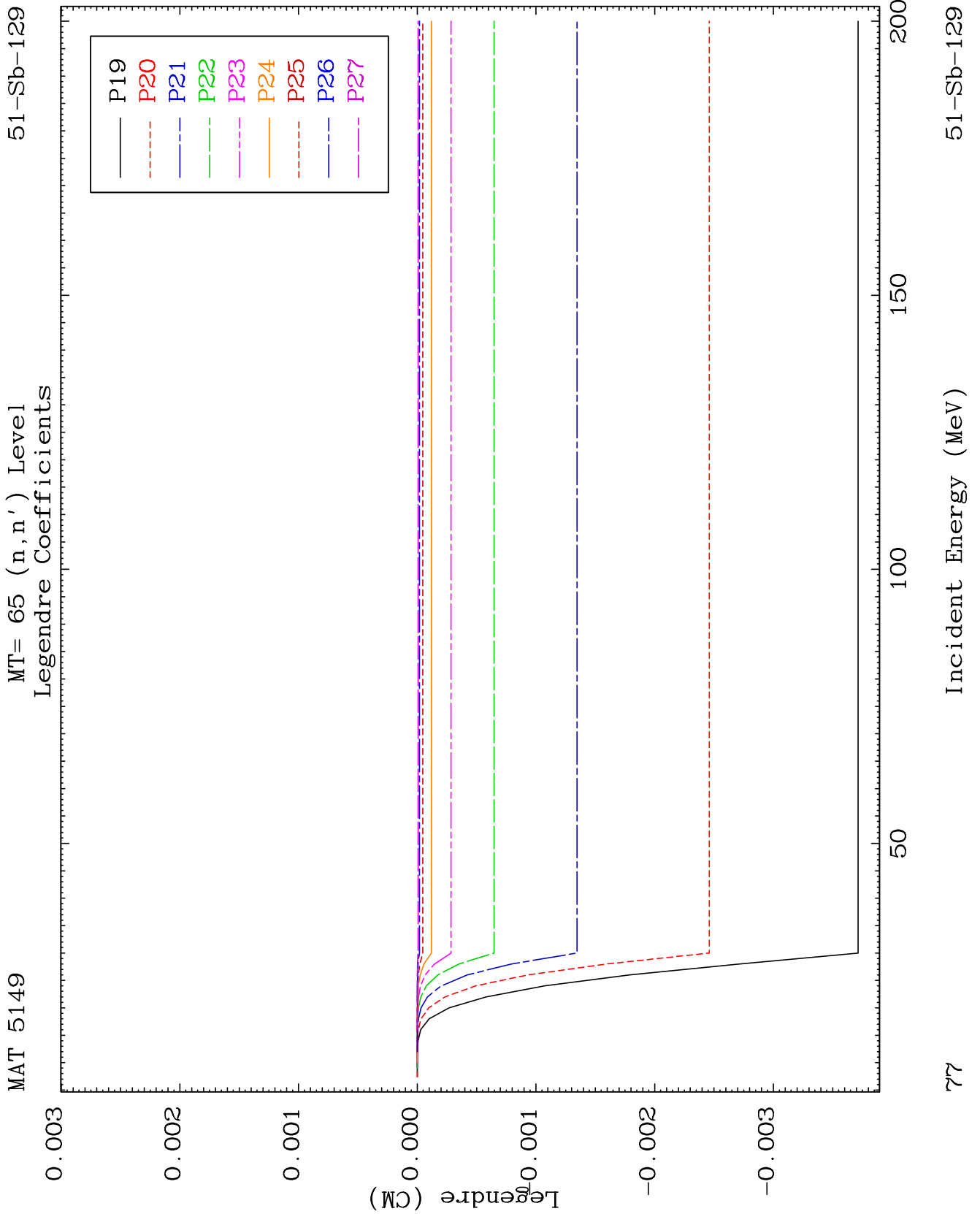
51-Sb-129



76

Incident Energy (MeV)

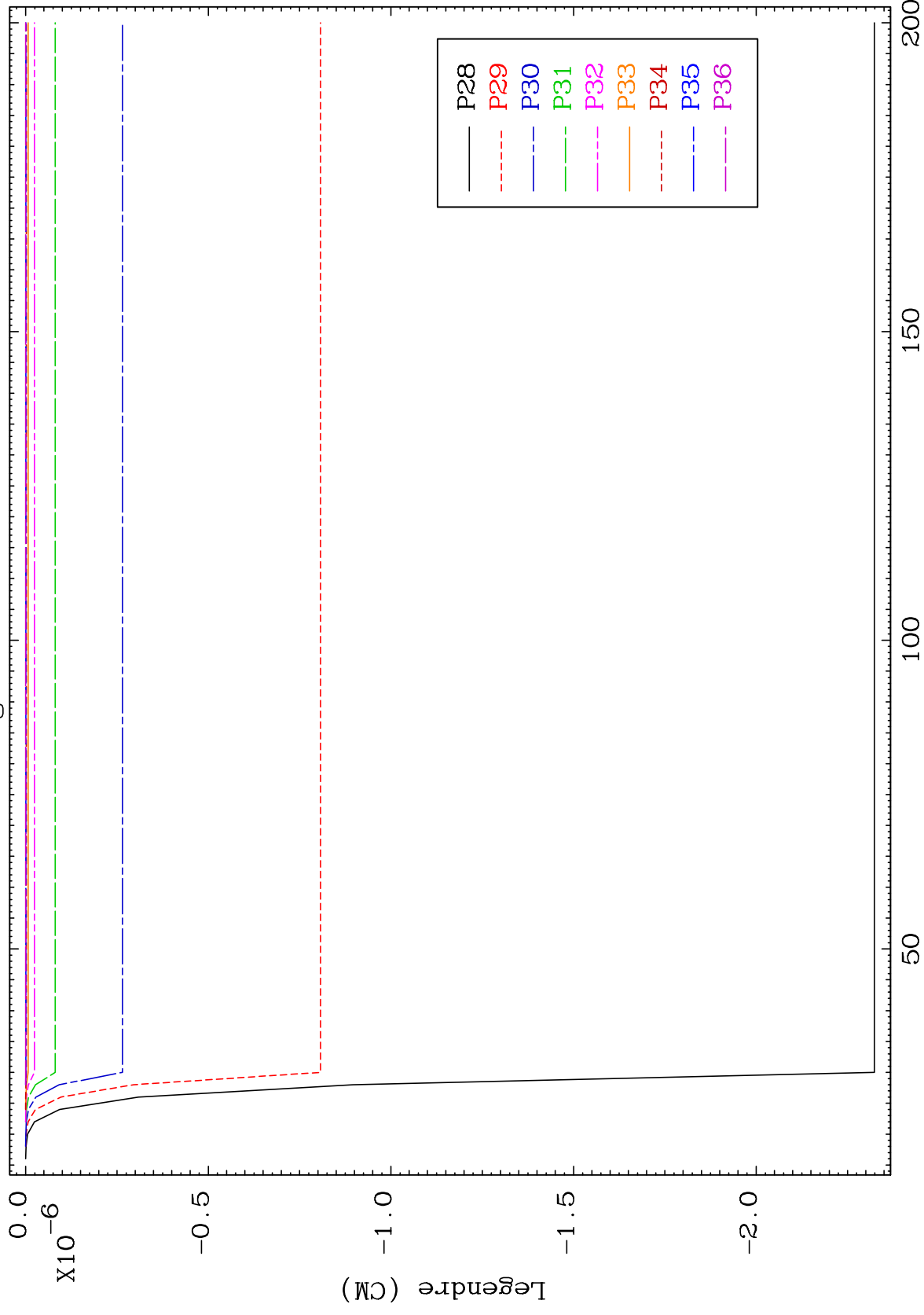
51-Sb-129



MAT 5149

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

51-Sb-129



78

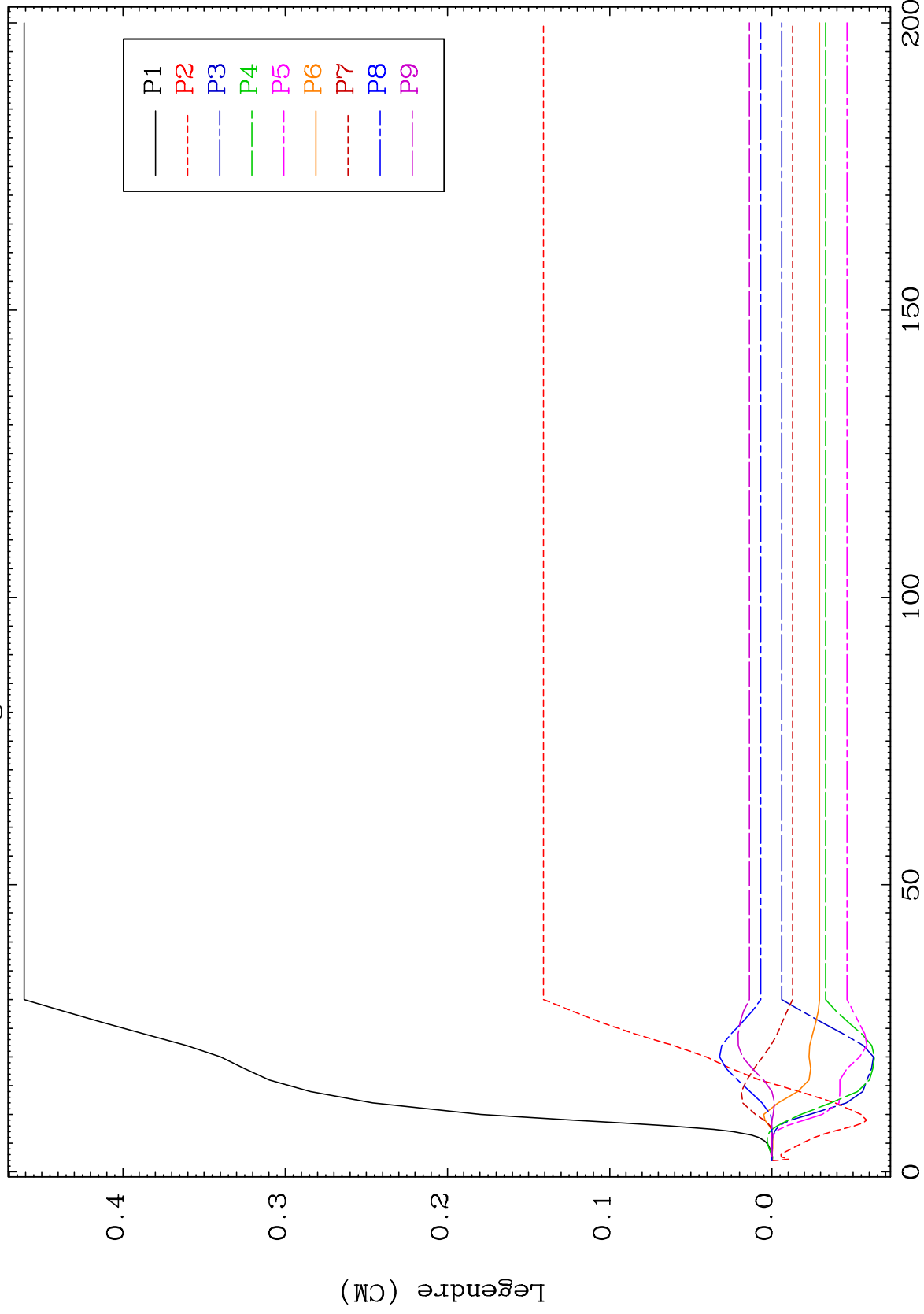
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



79

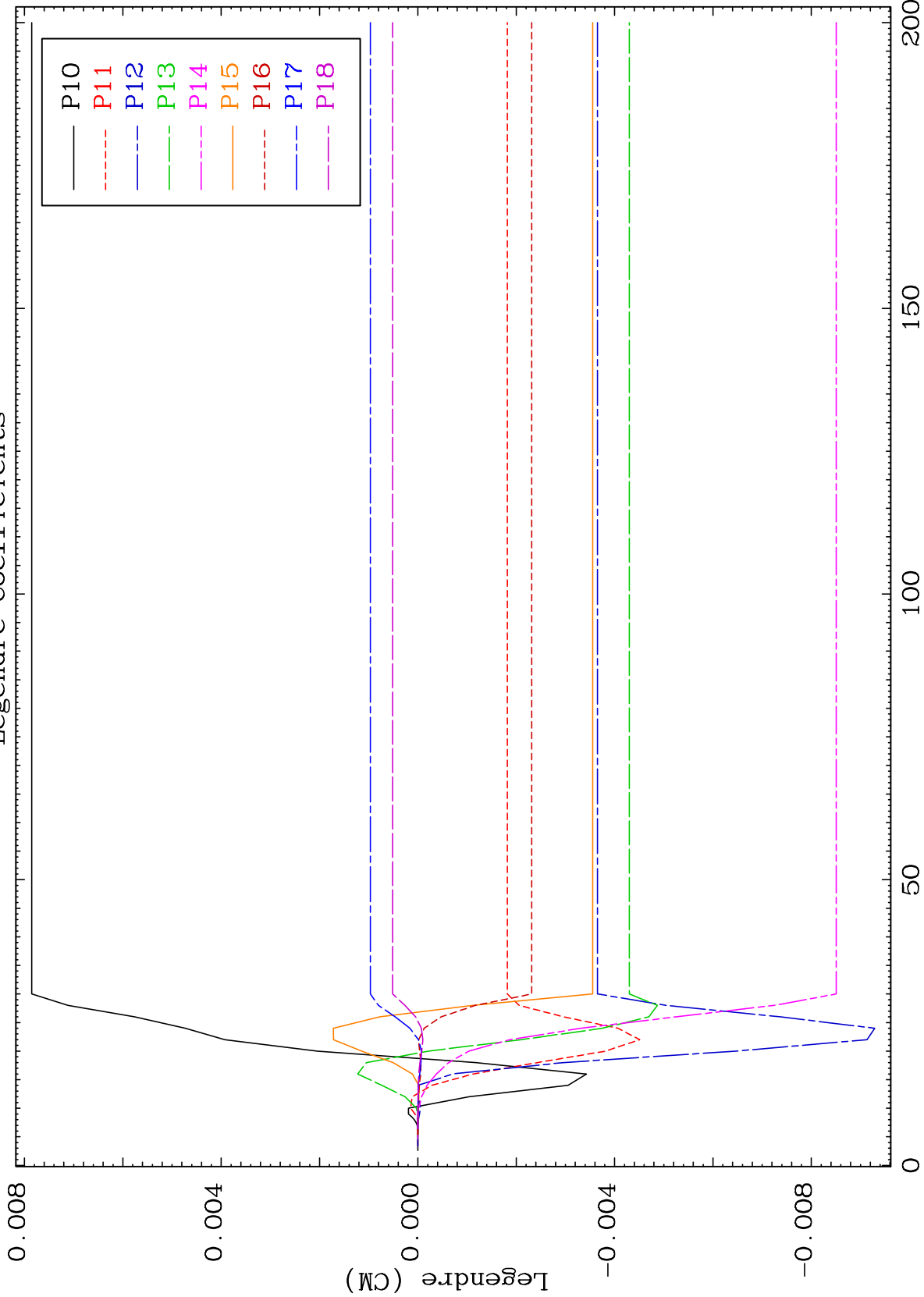
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

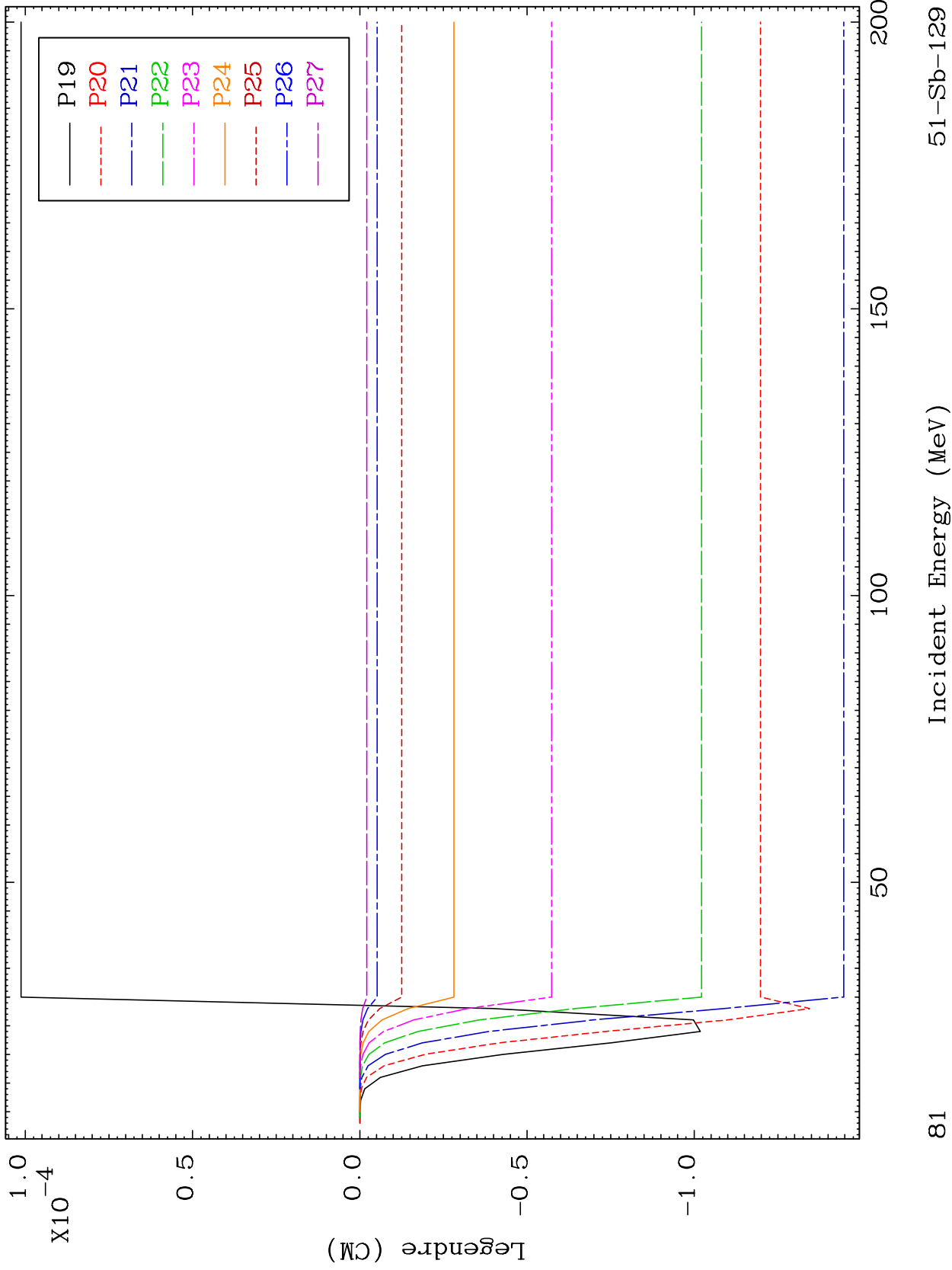
51-Sb-129



80

Incident Energy (MeV)

51-Sb-129

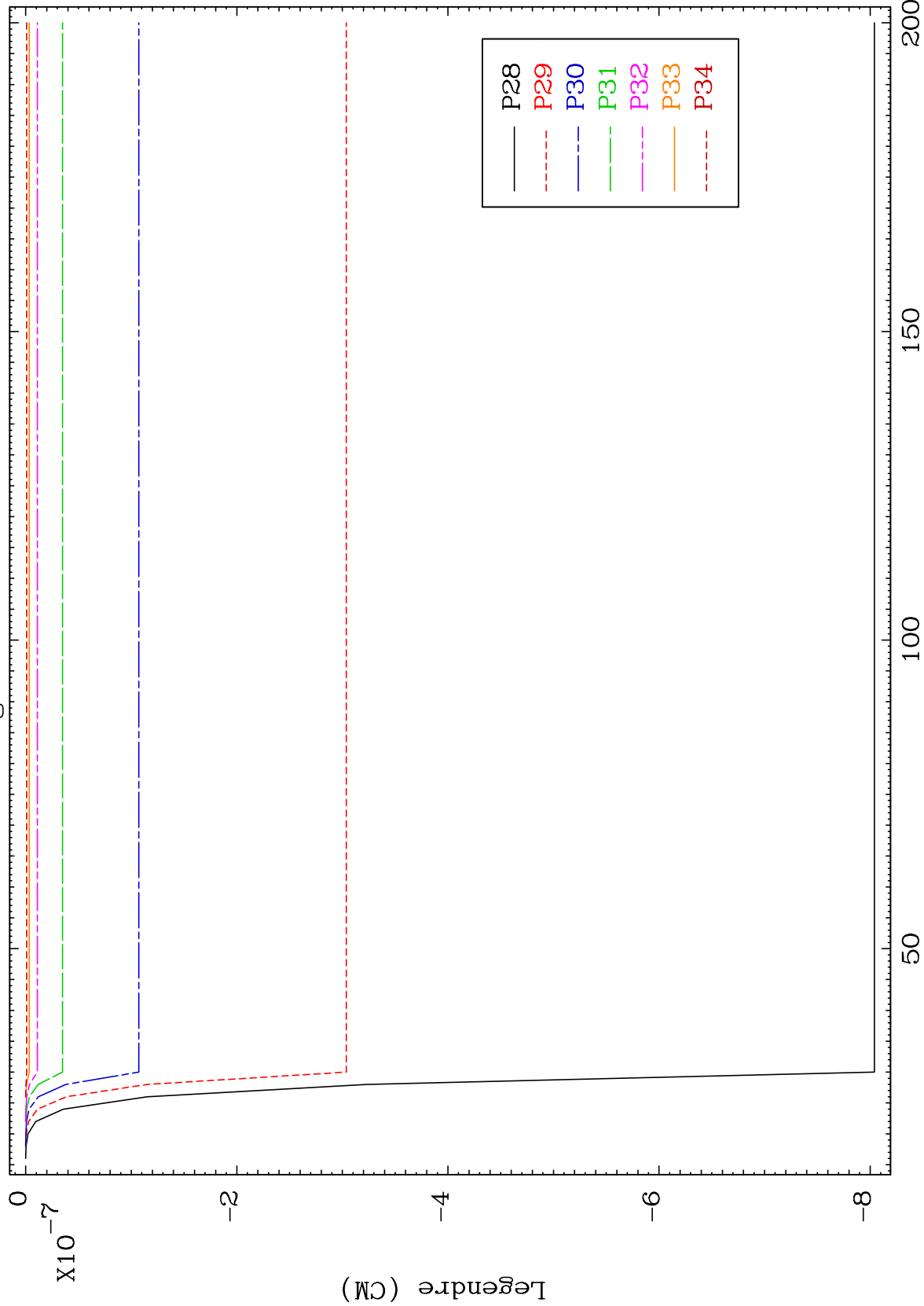


MAT 5149

MT= 66 (n,n') Level

51-Sb-129

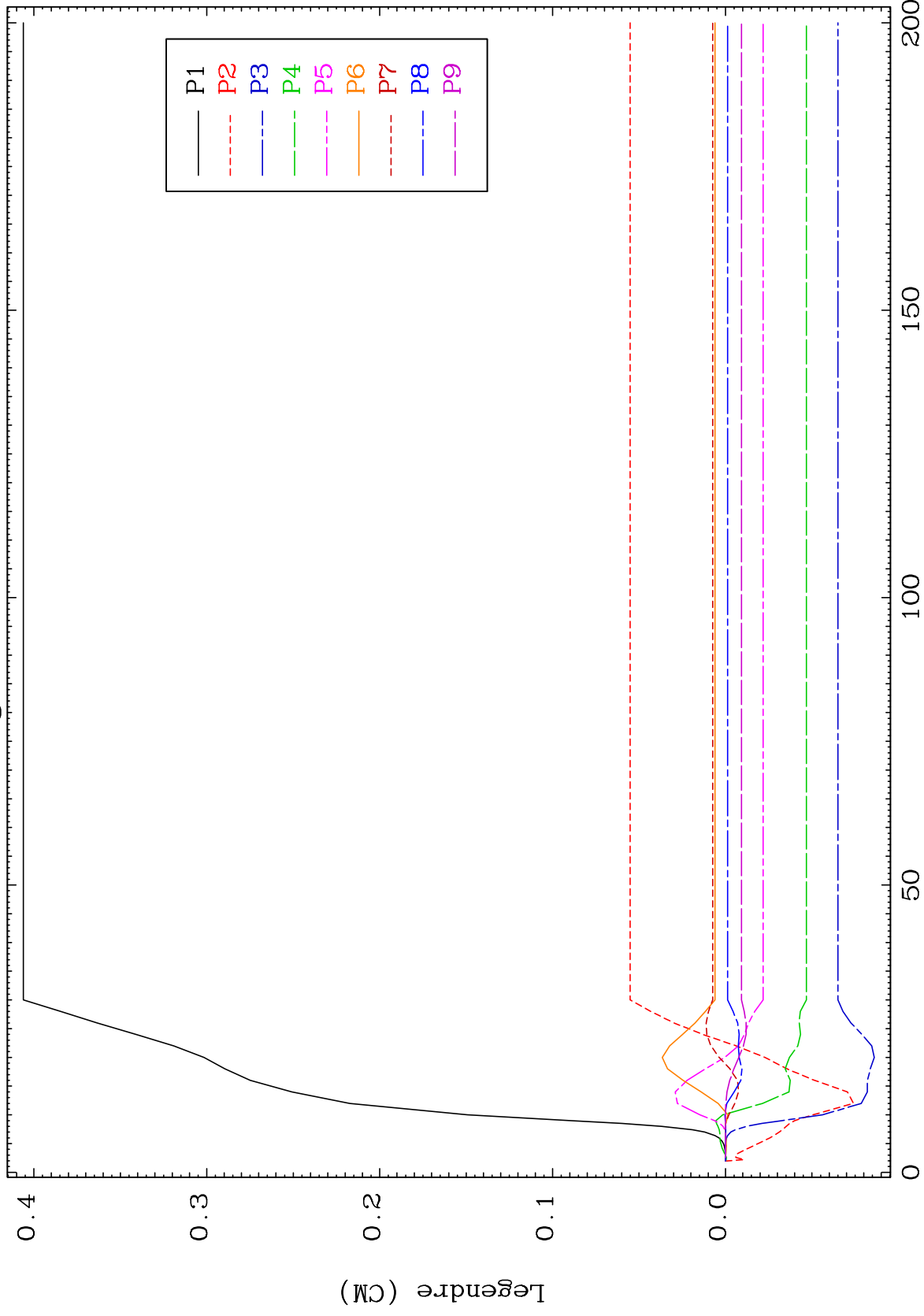
Legendre Coefficients



82

Incident Energy (MeV)

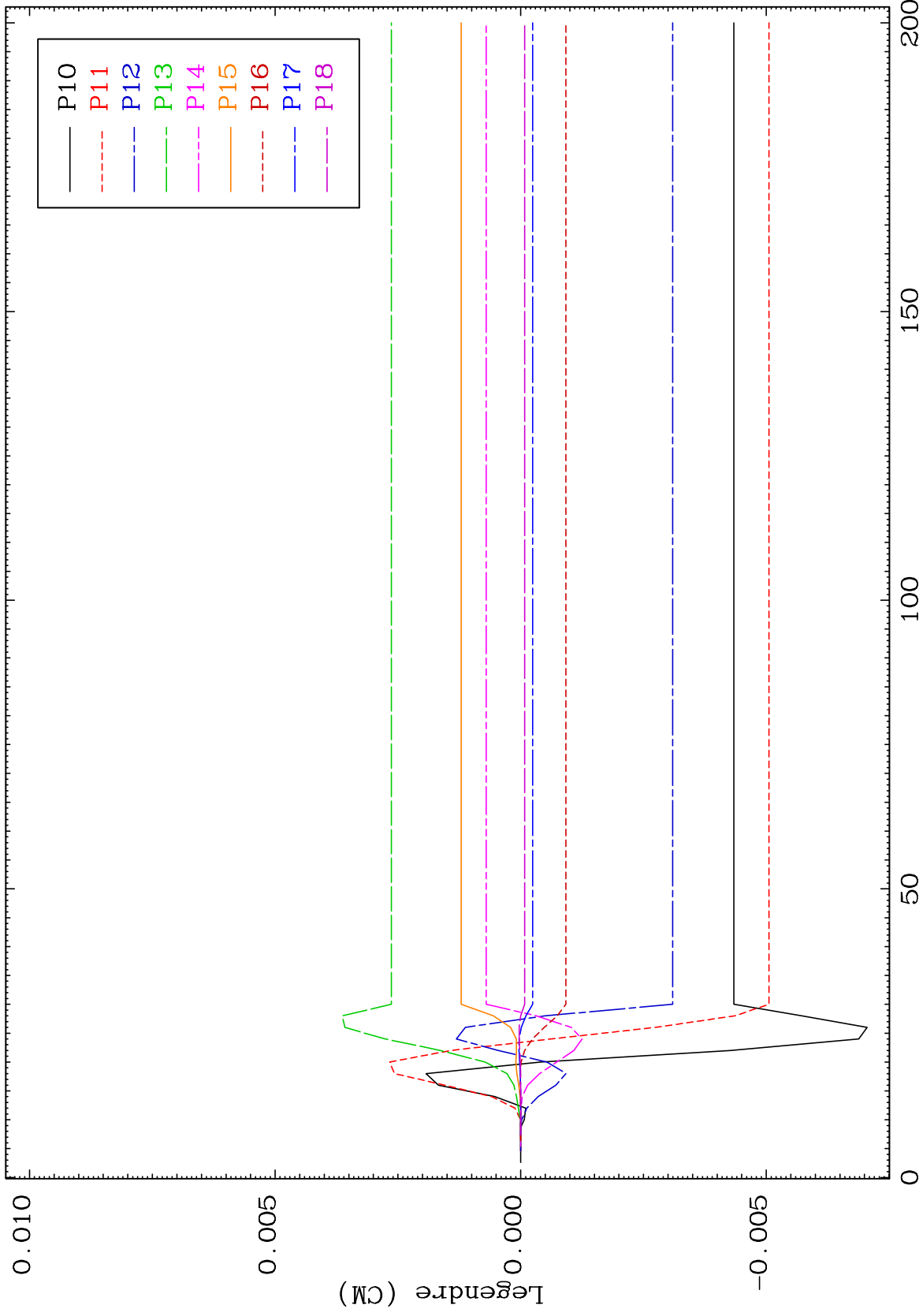
51-Sb-129



MAT 5149

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

51-Sb-129



84

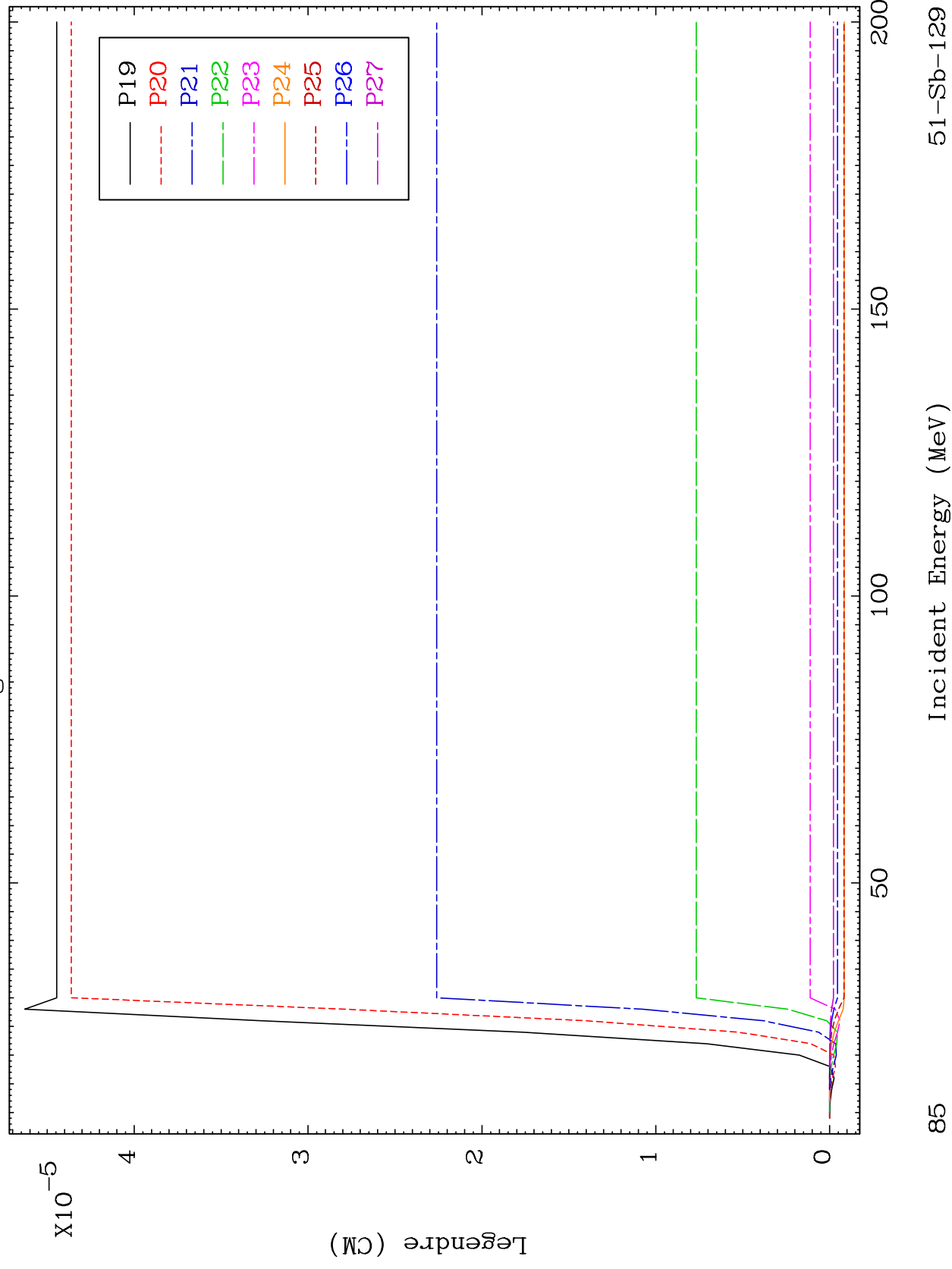
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

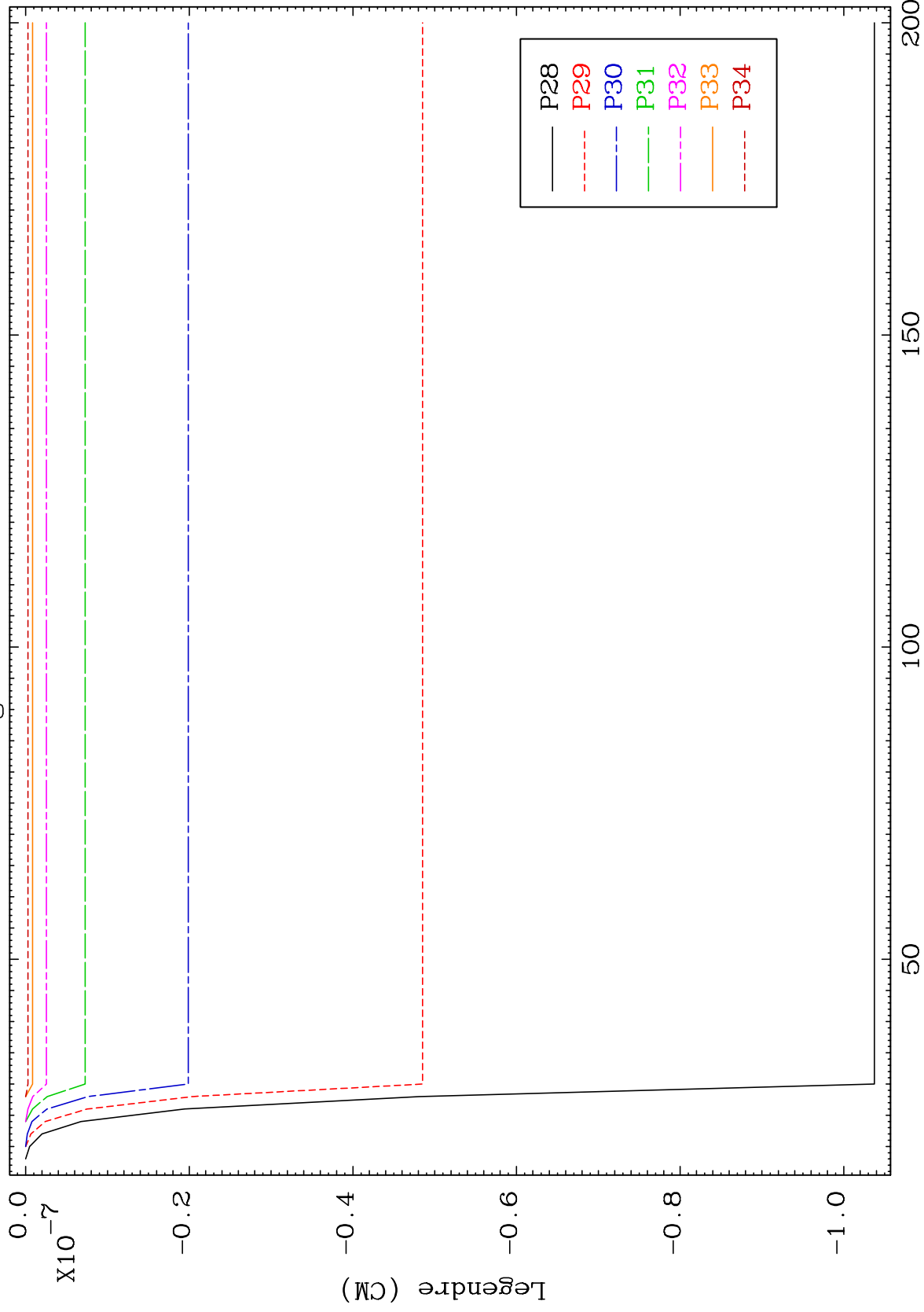
51-Sb-129



85

Incident Energy (MeV)

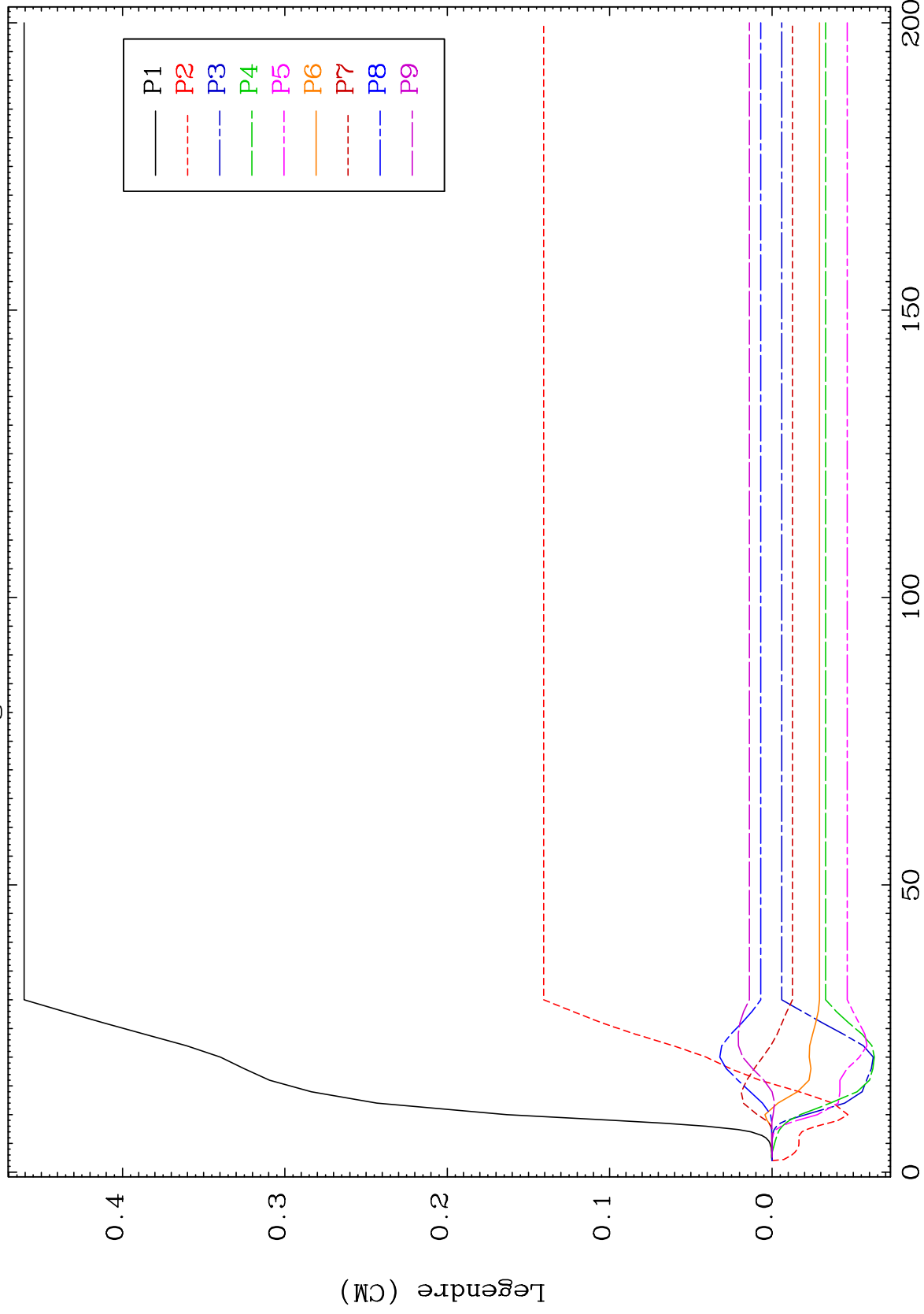
51-Sb-129



MAT 5149

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

51-Sb-129



87

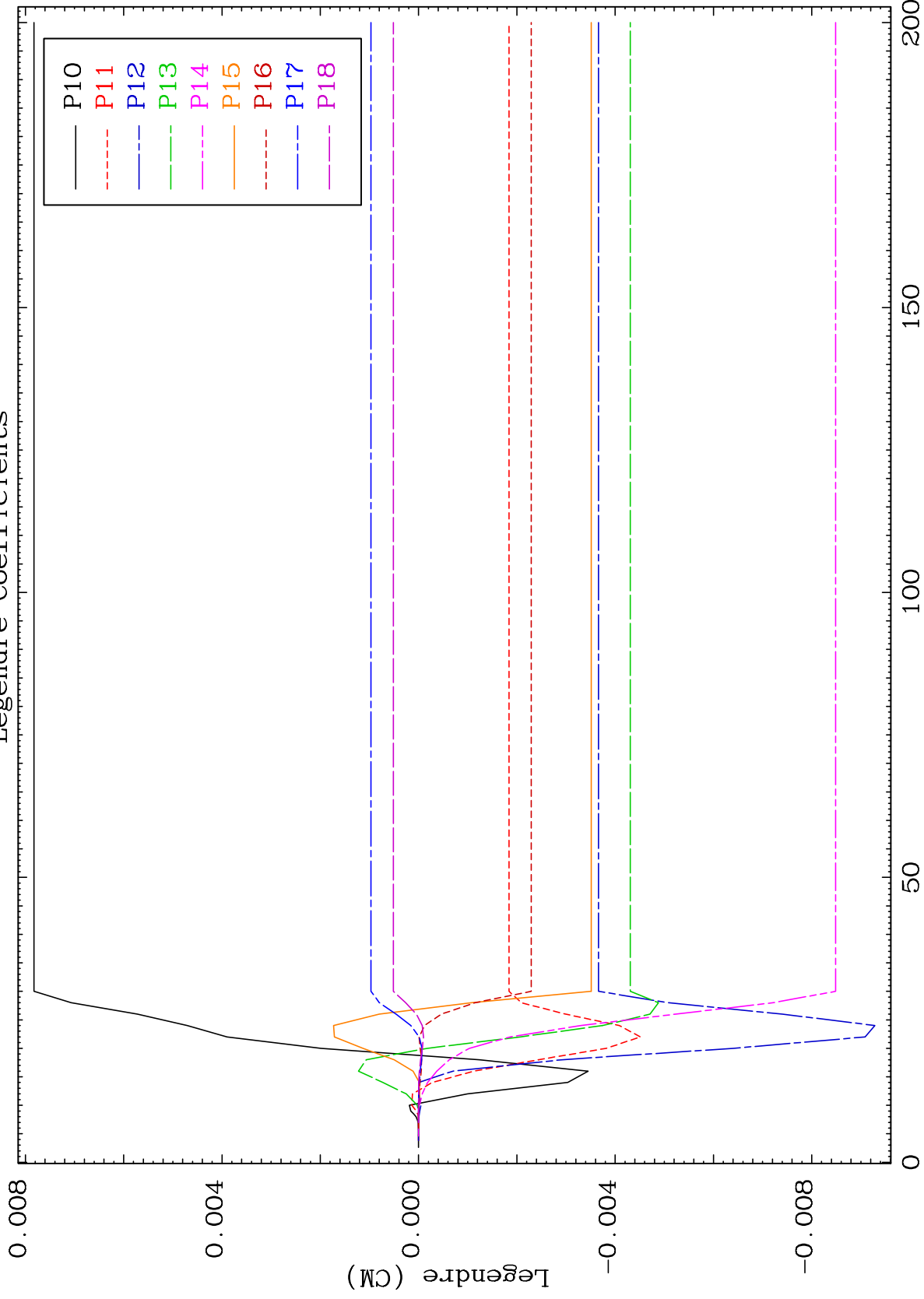
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

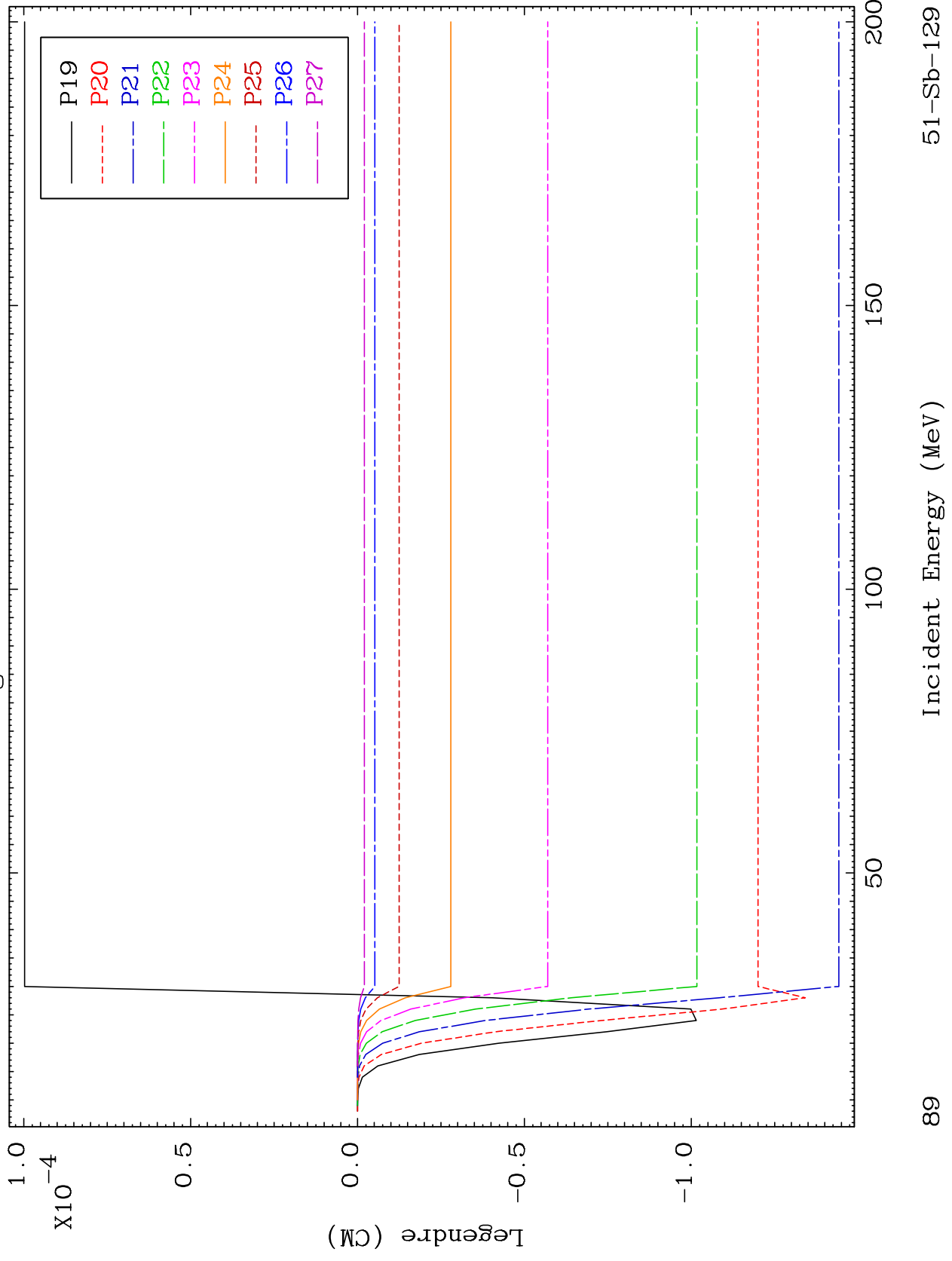
51-Sb-129

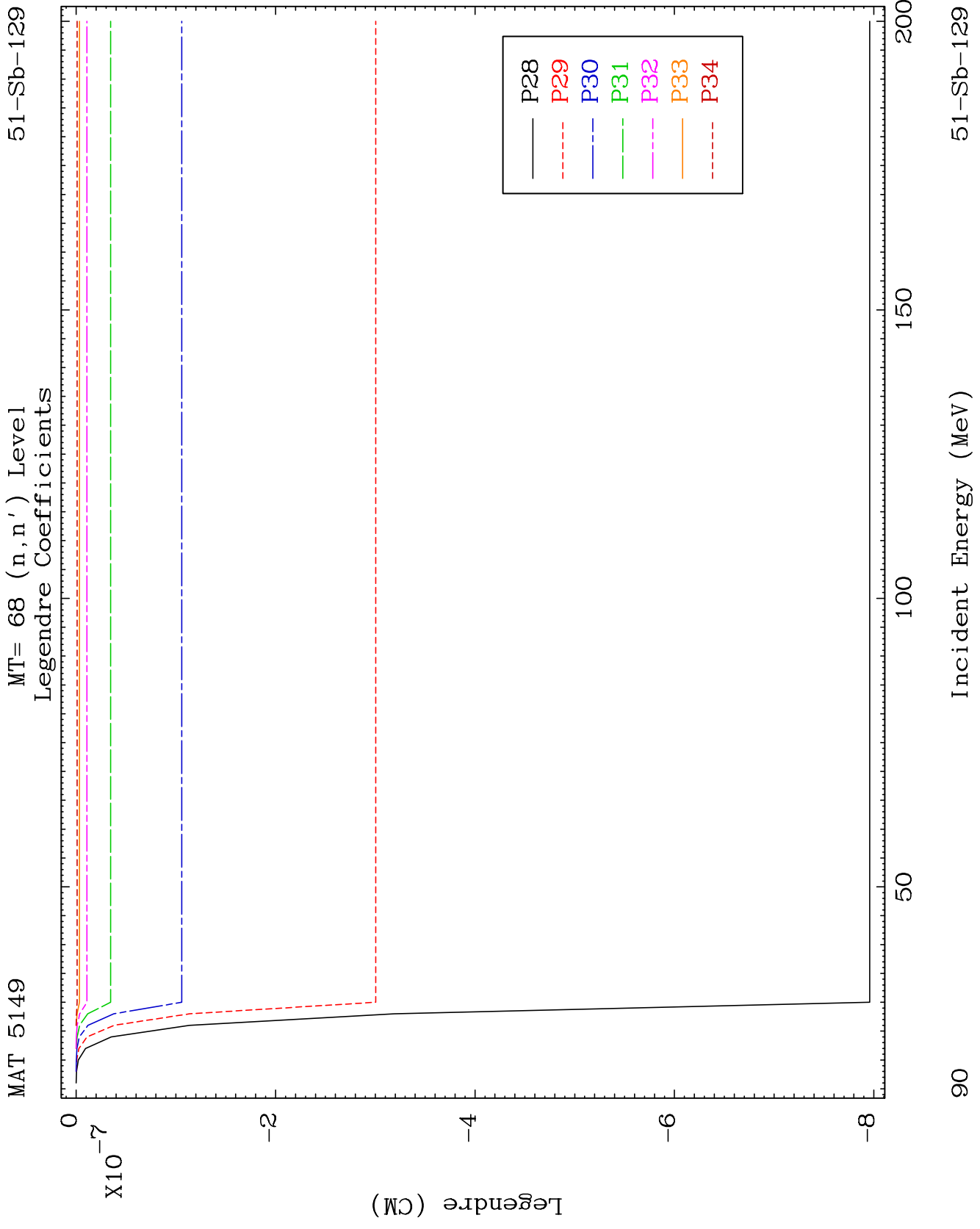


88

Incident Energy (MeV)

51-Sb-129

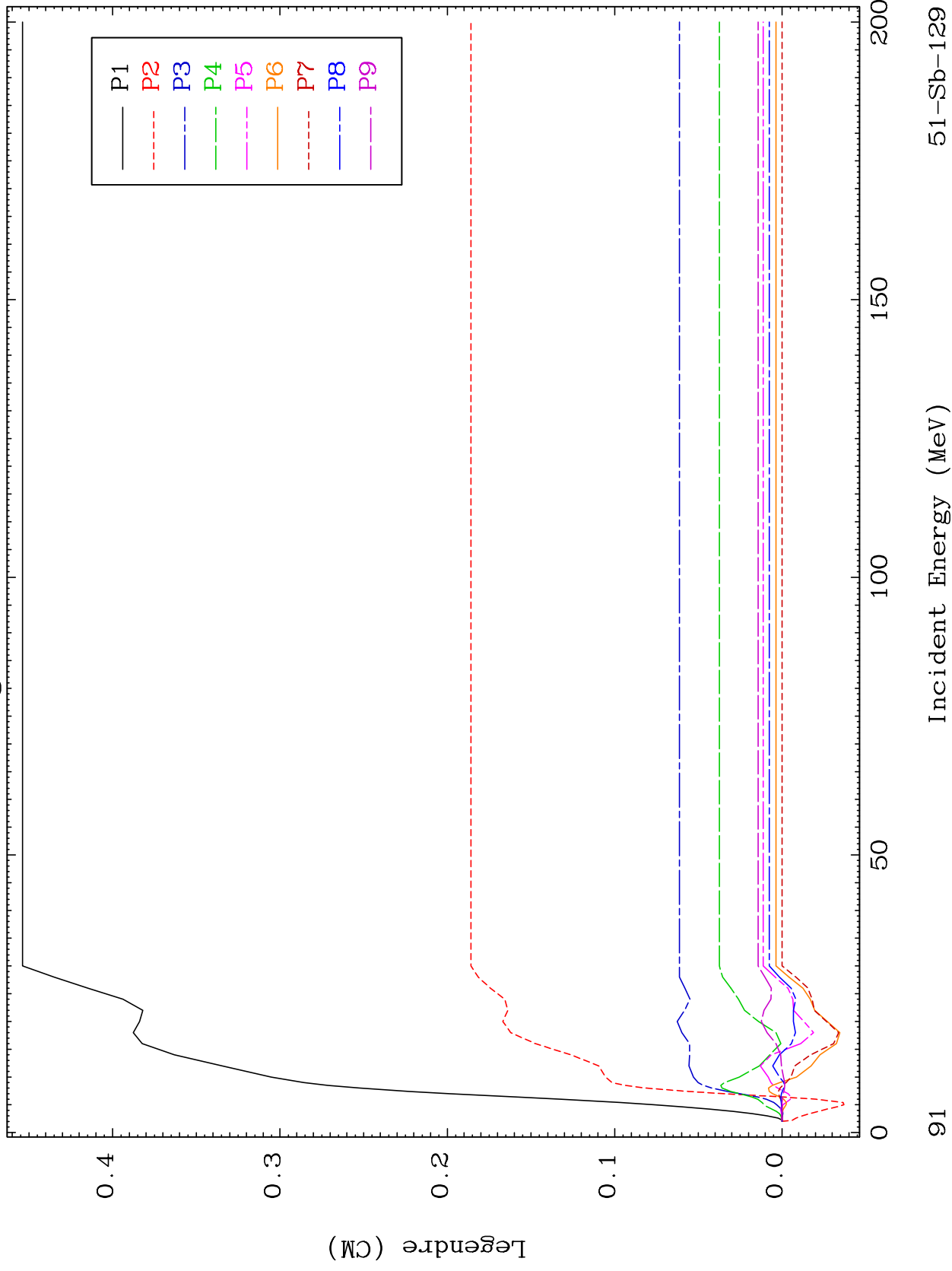




MAT 5149

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

51-Sb-129



51-Sb-129

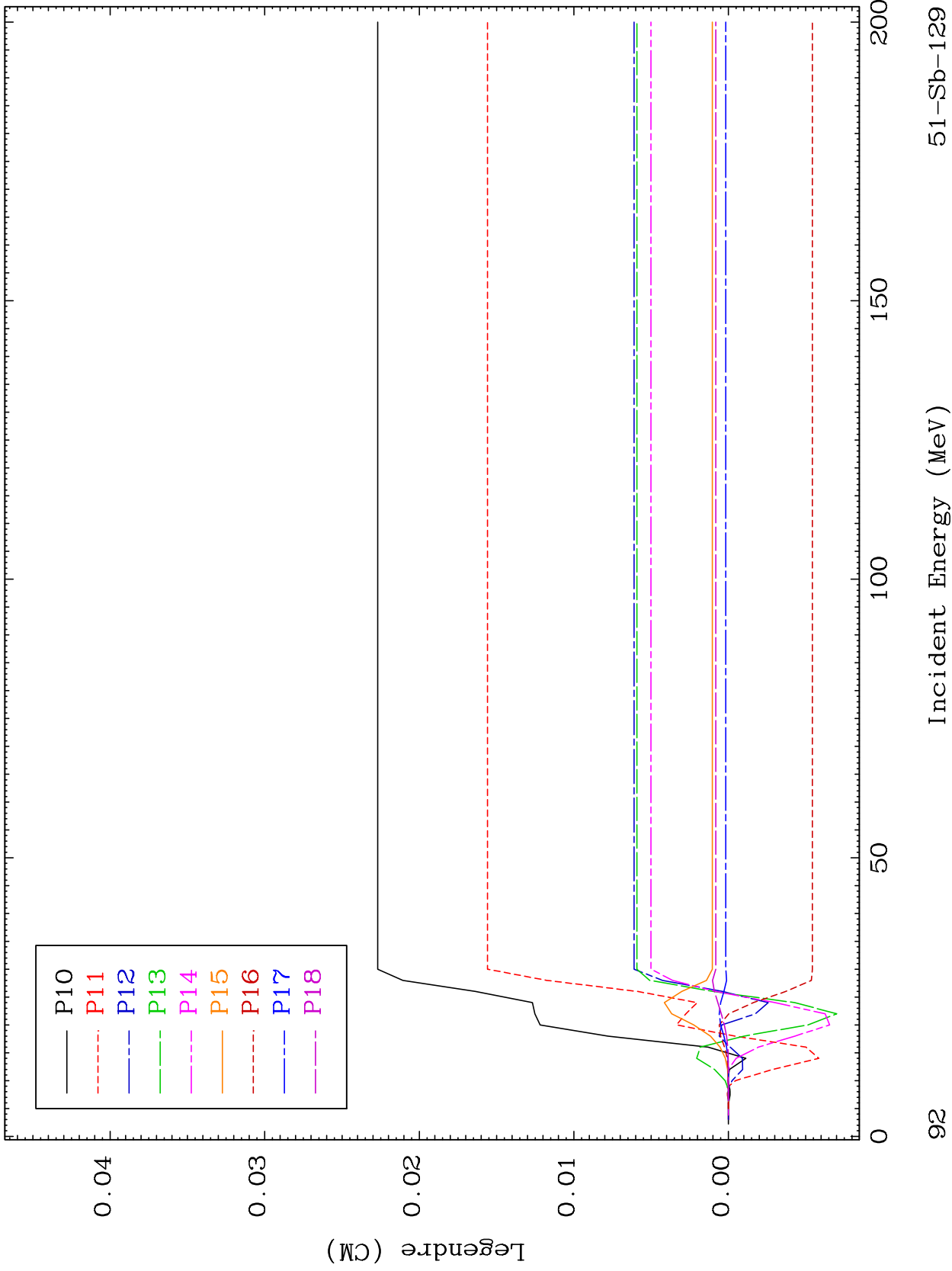
Incident Energy (MeV)

91

MAT 5149

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

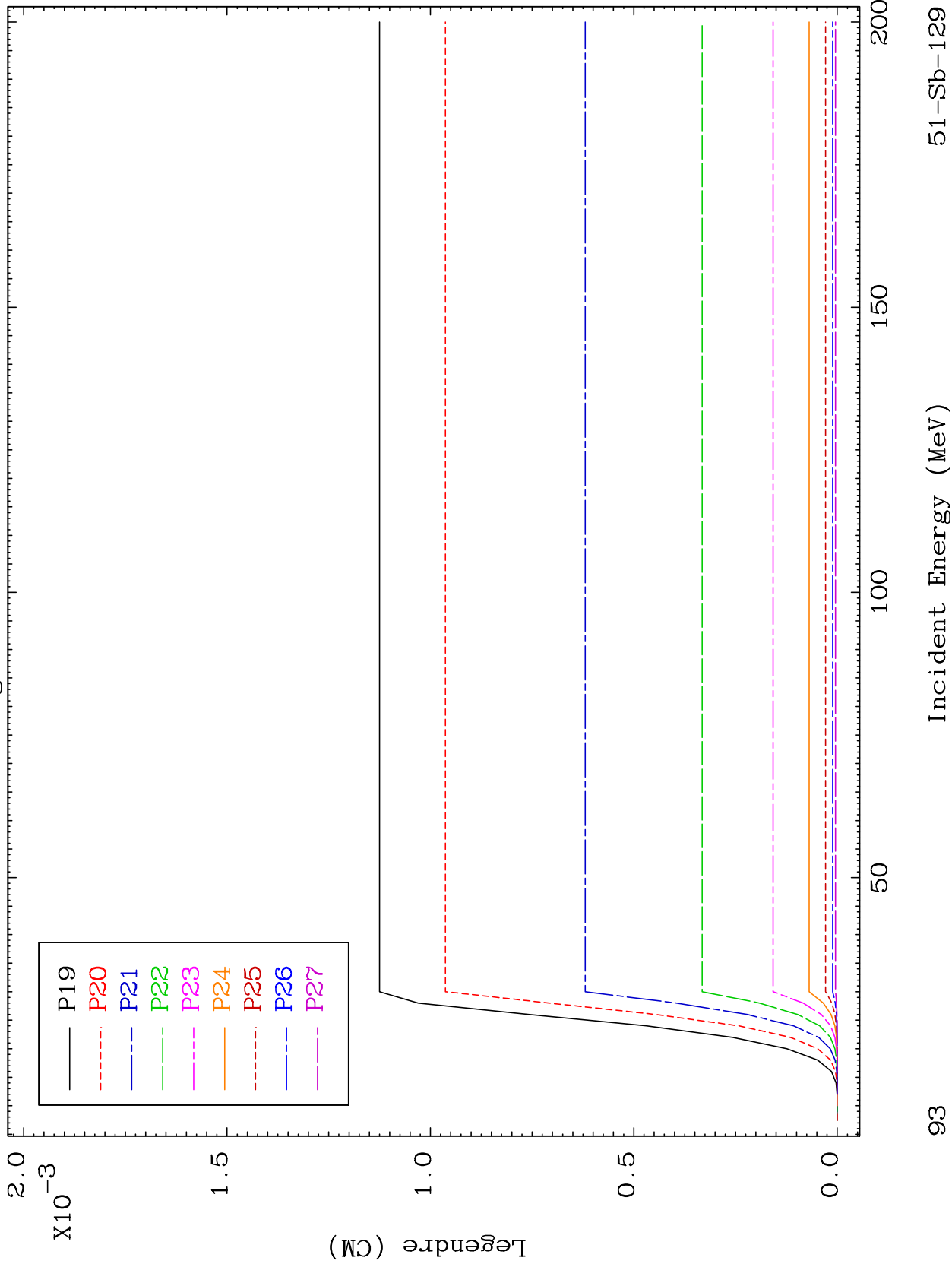
51-Sb-129

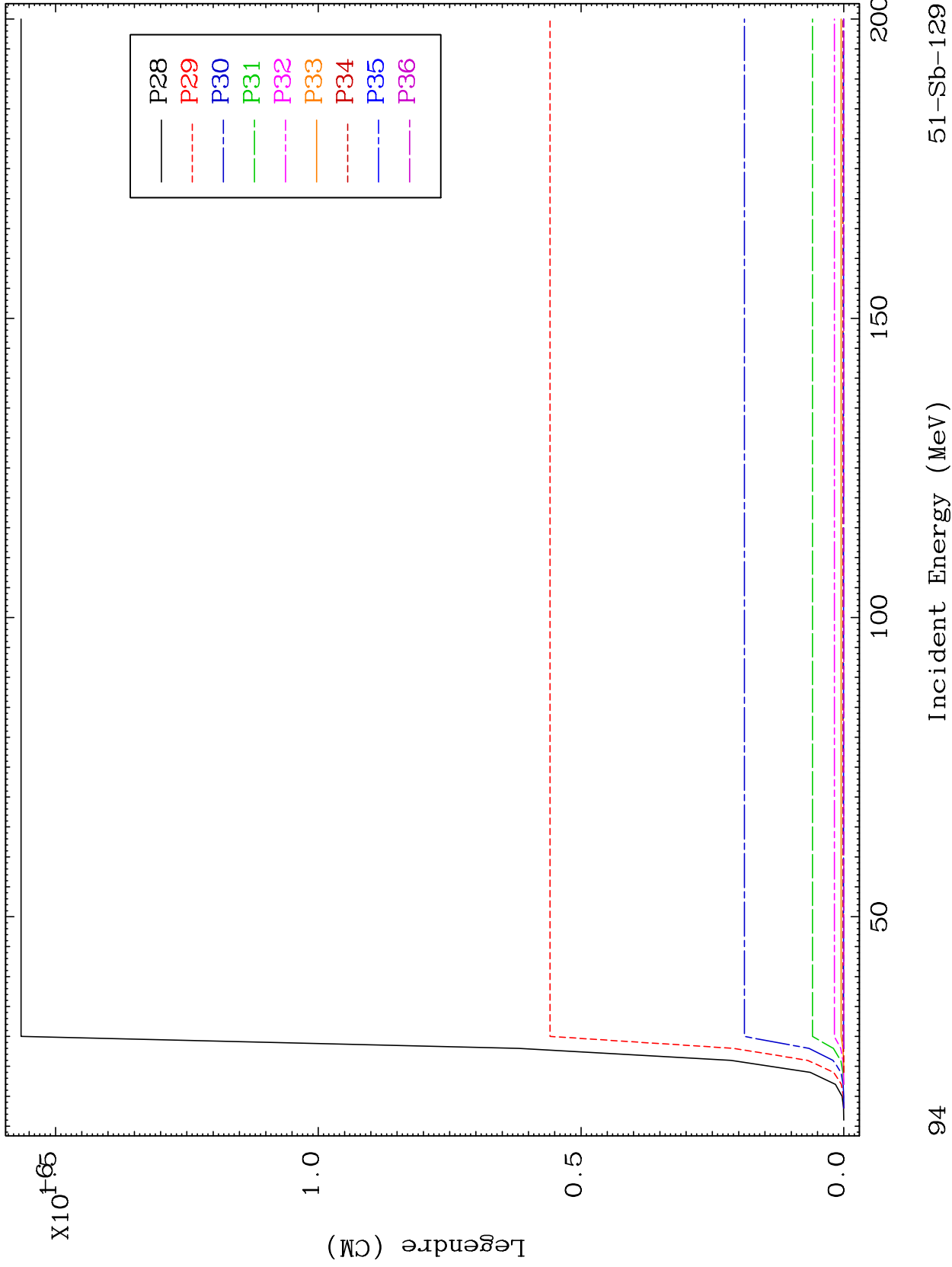


51-Sb-129

Incident Energy (MeV)

92

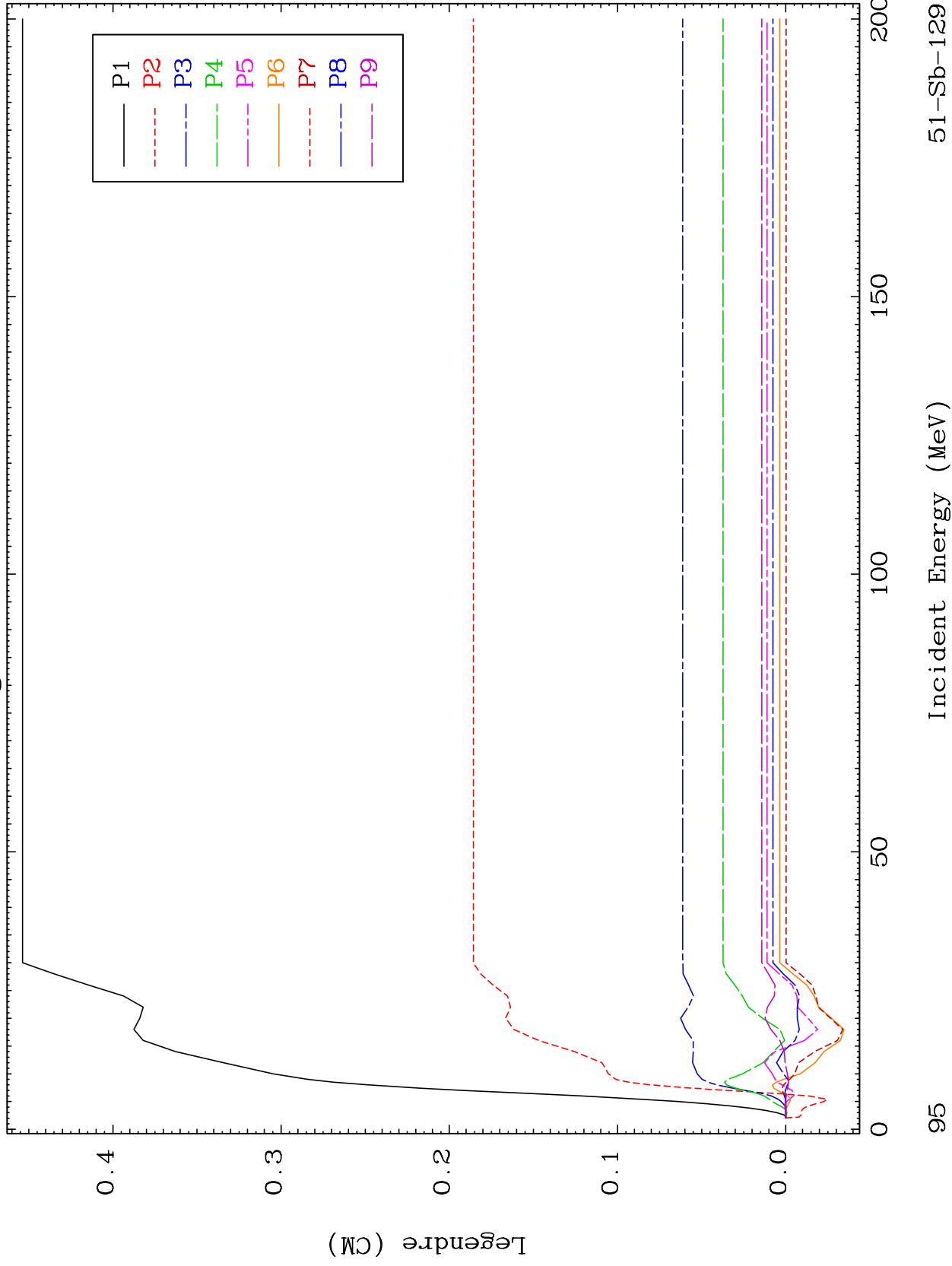




MAT 5149

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

51-Sb-129



51-Sb-129

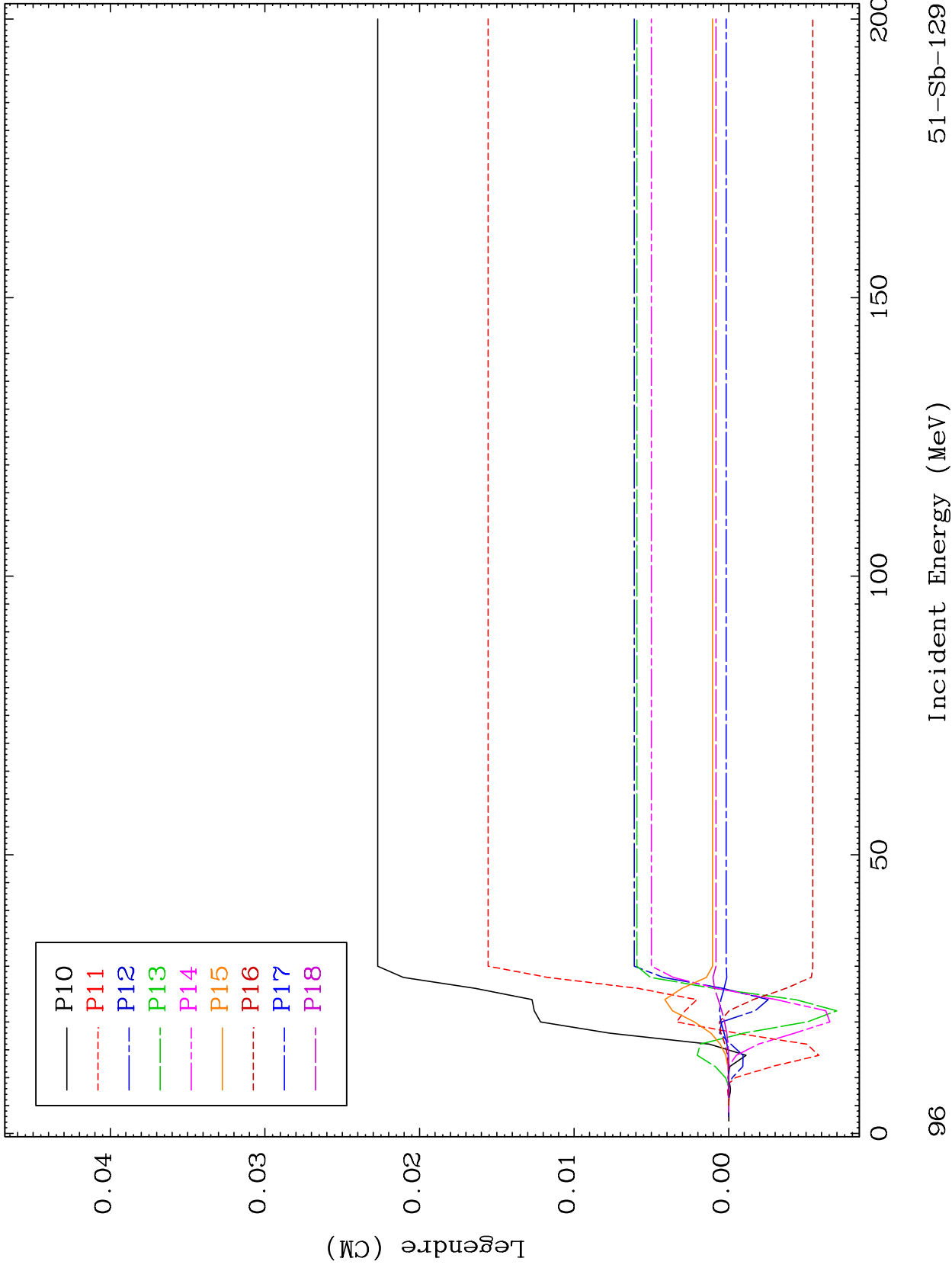
Incident Energy (MeV)

95

MAT 5149

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

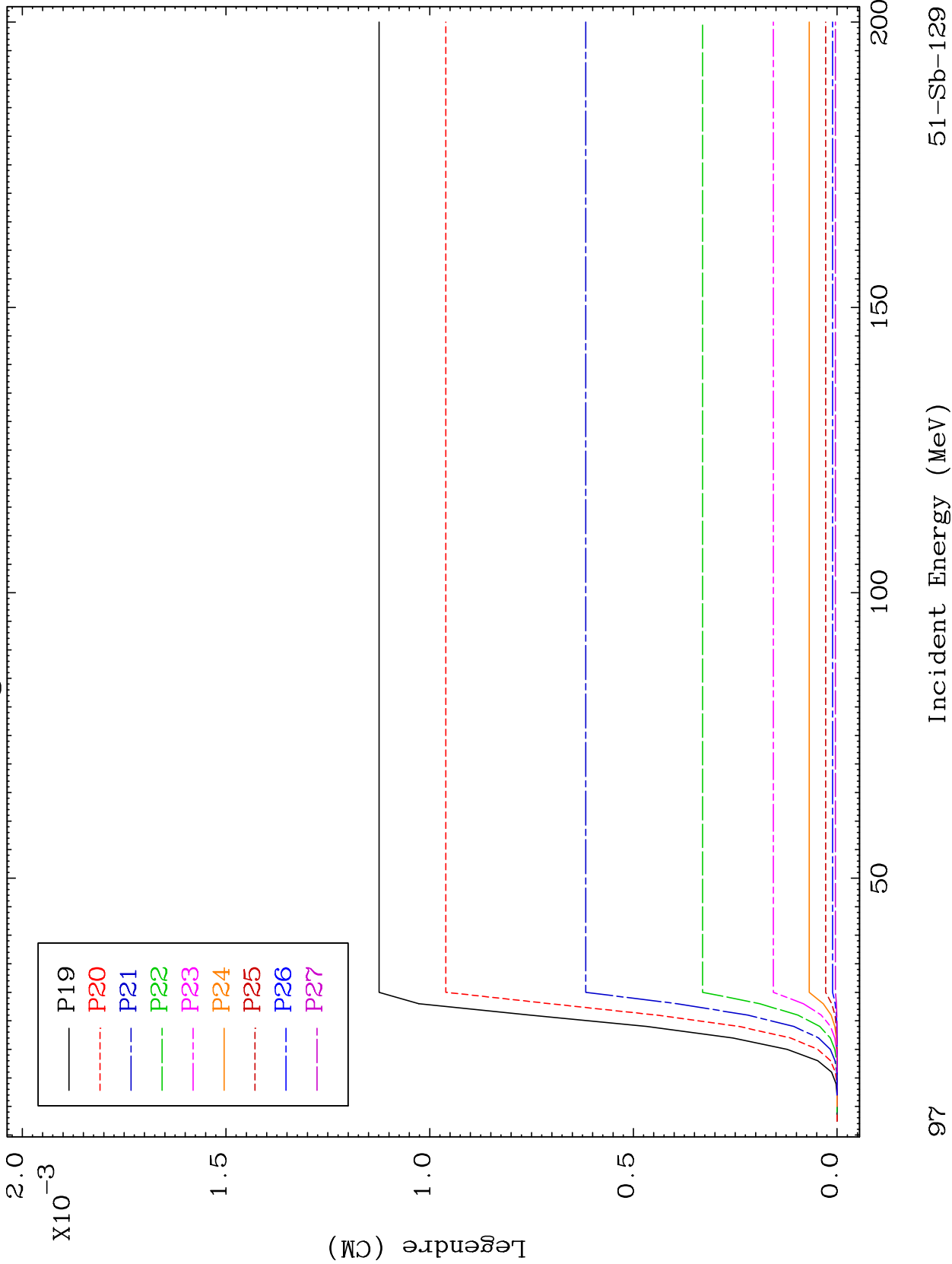
51-Sb-129

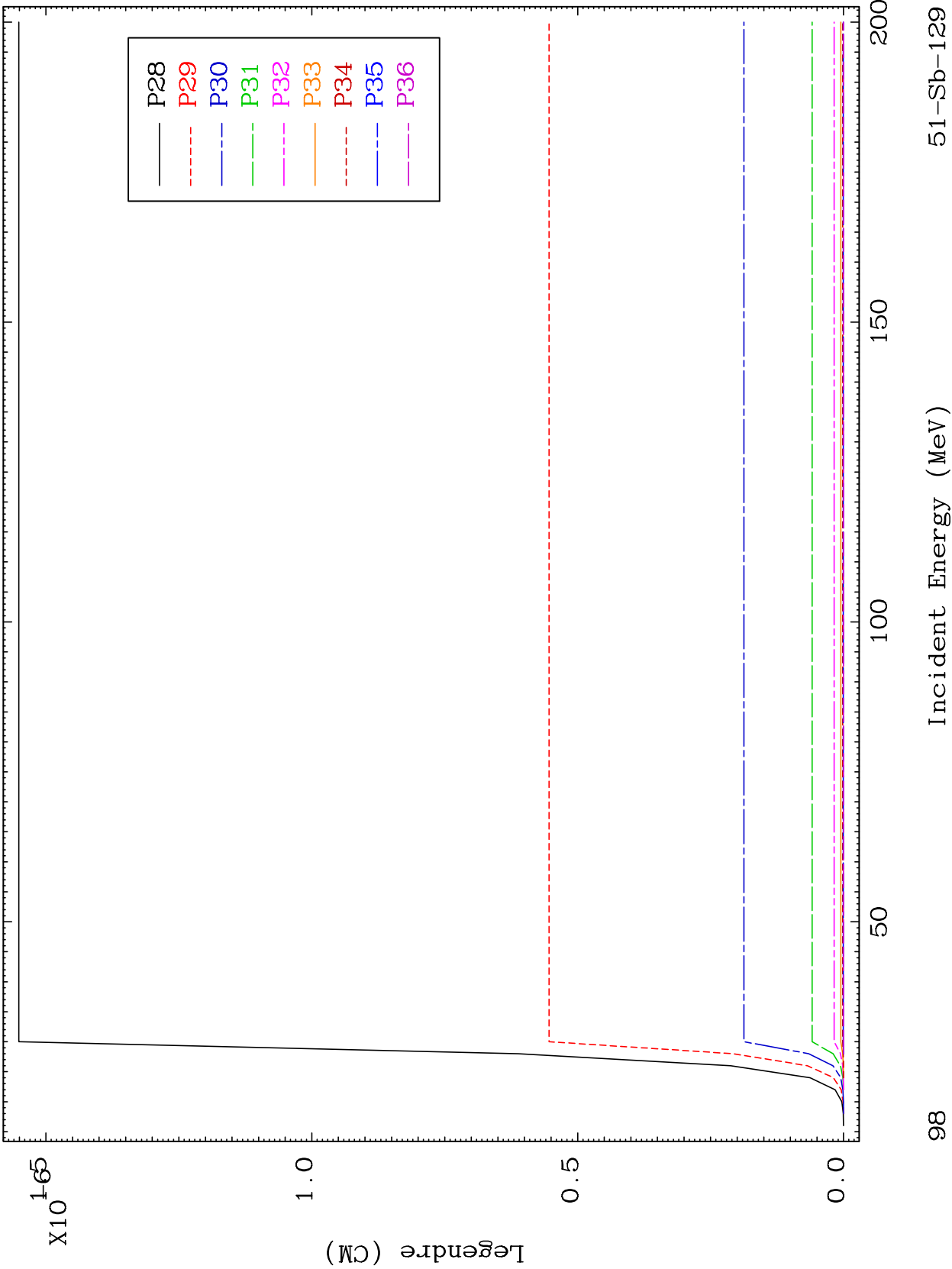


96

Incident Energy (MeV)

51-Sb-129

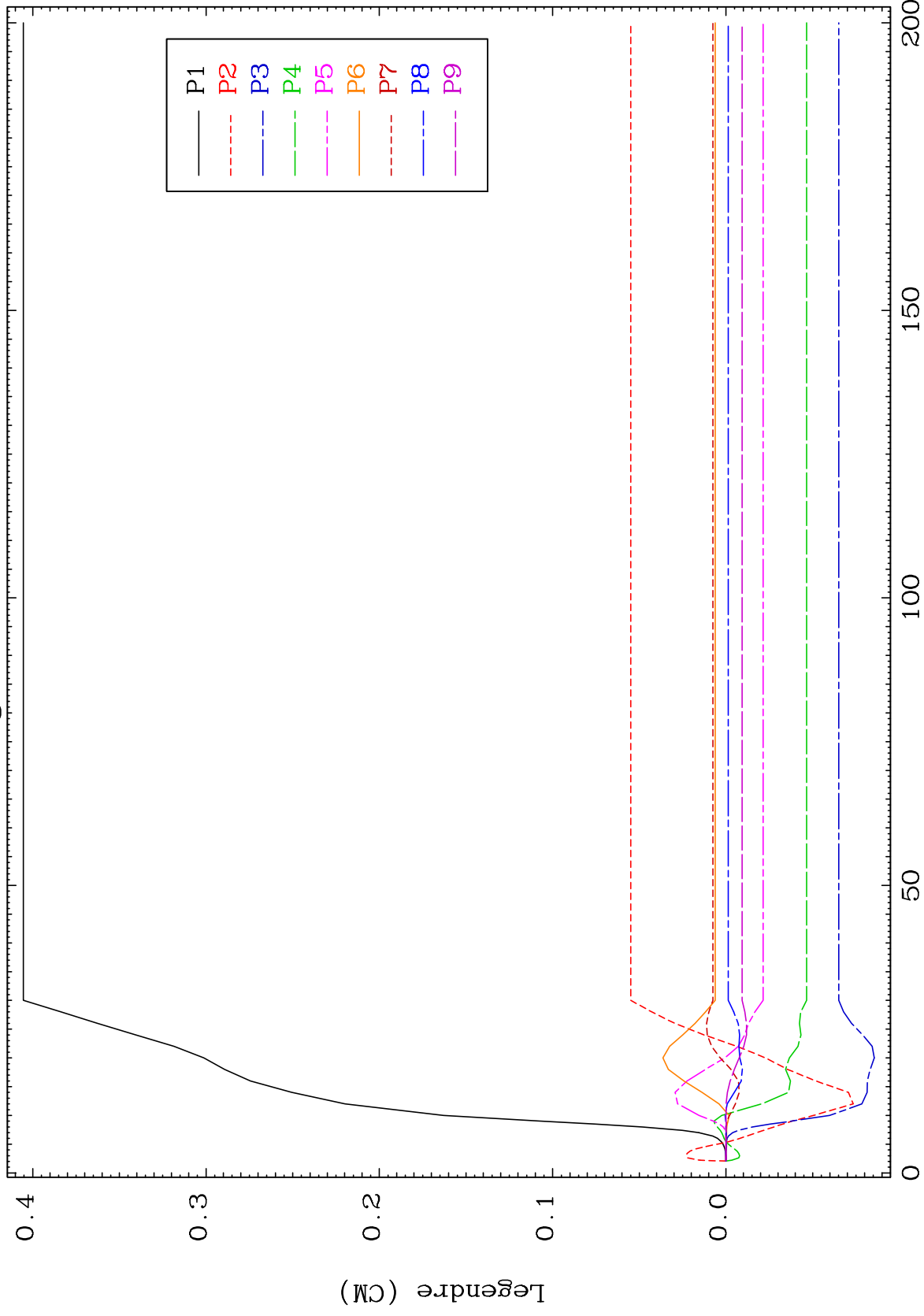




MAT 5149

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

51-Sb-129



99

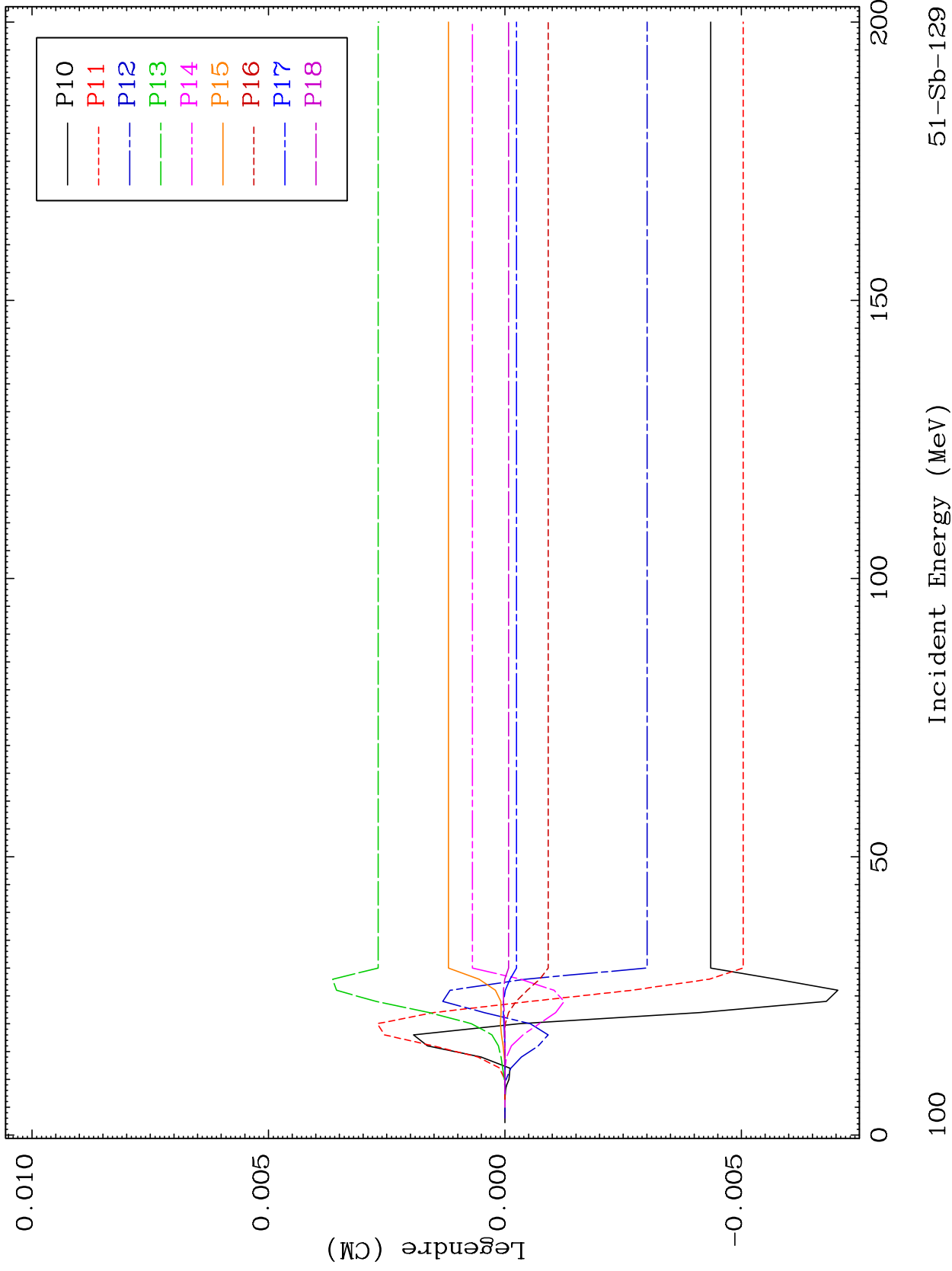
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



51-Sb-129

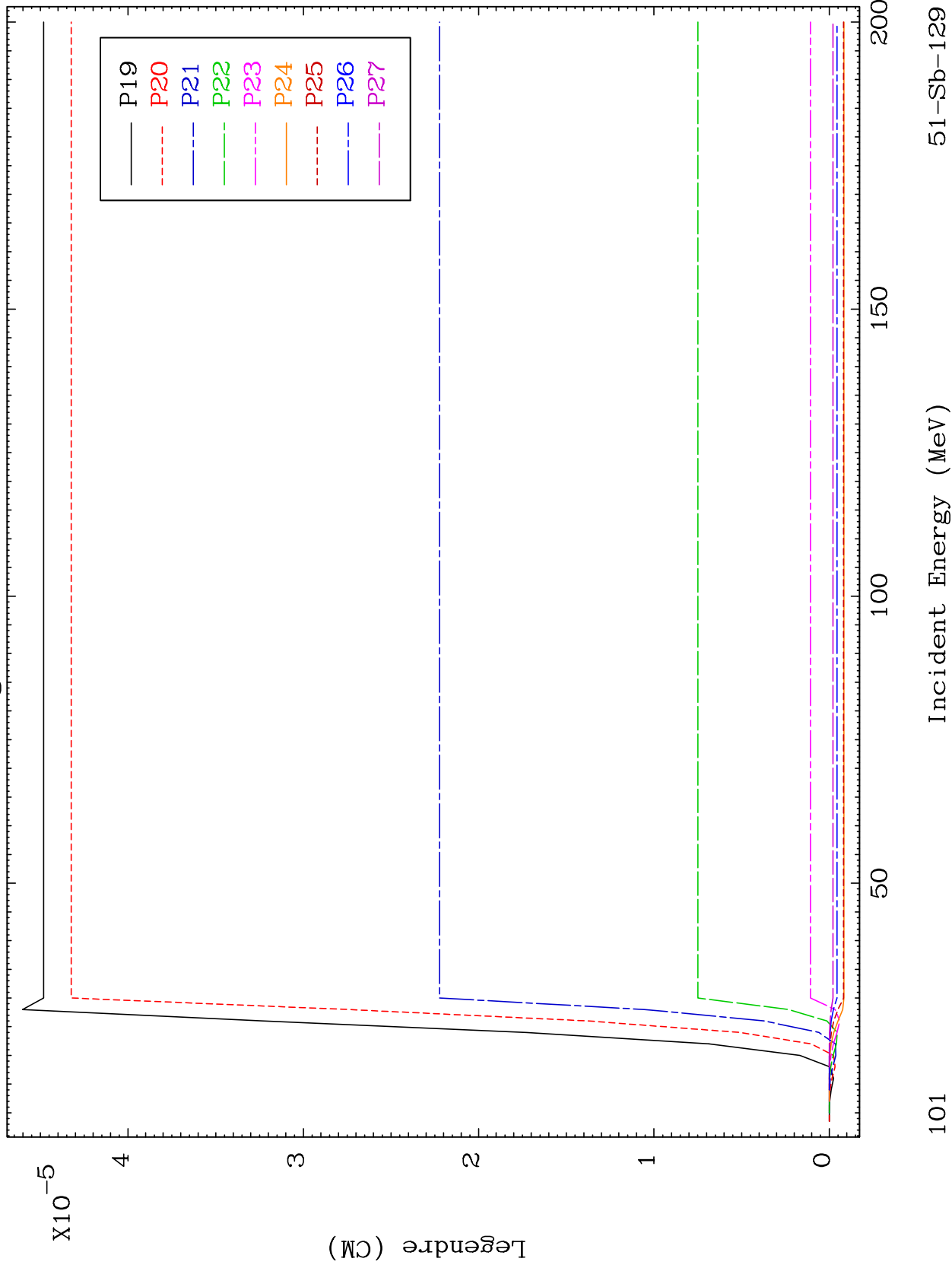
Incident Energy (MeV)

100

MAT 5149

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

51-Sb-129

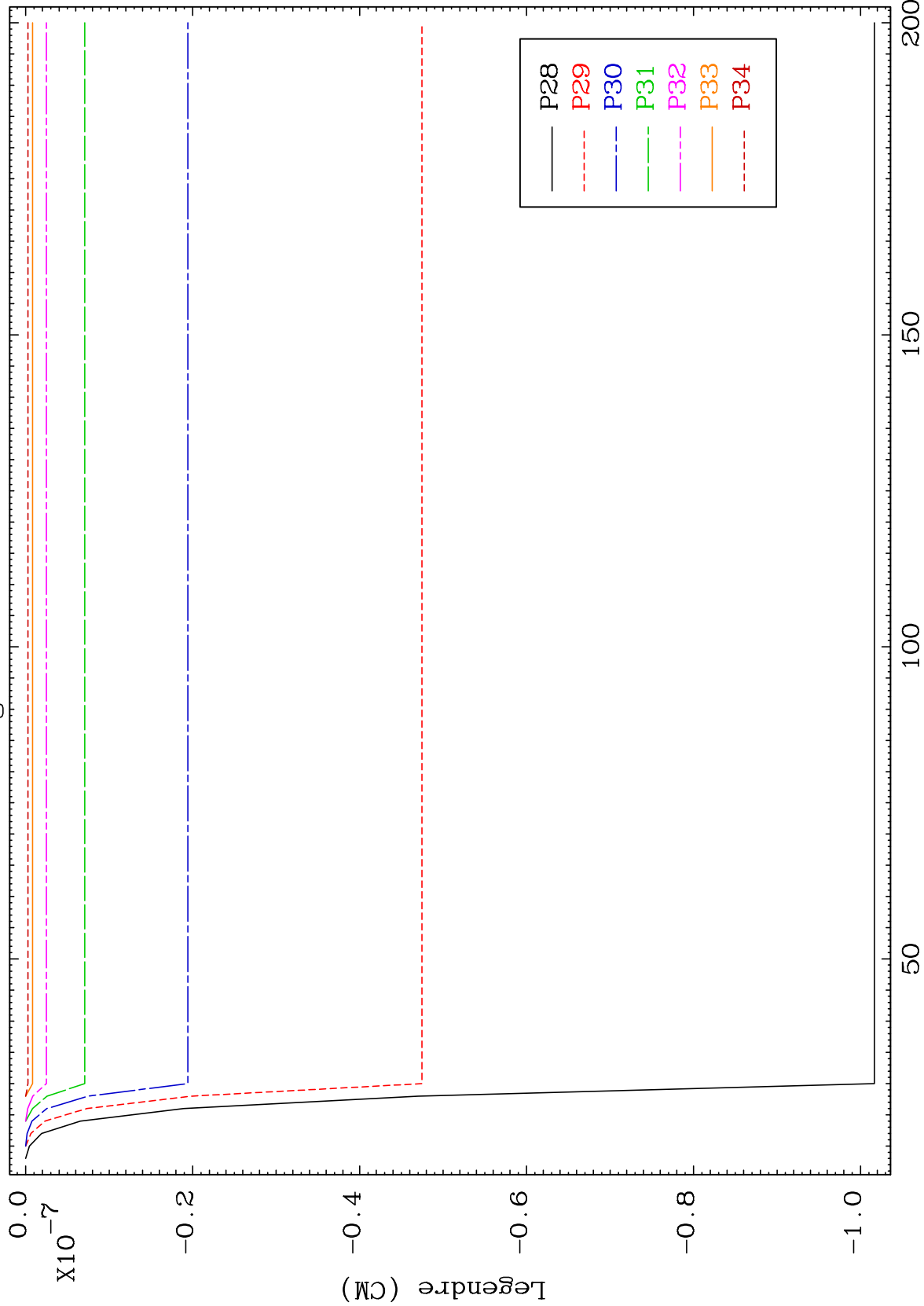


101

Incident Energy (MeV)

51-Sb-129

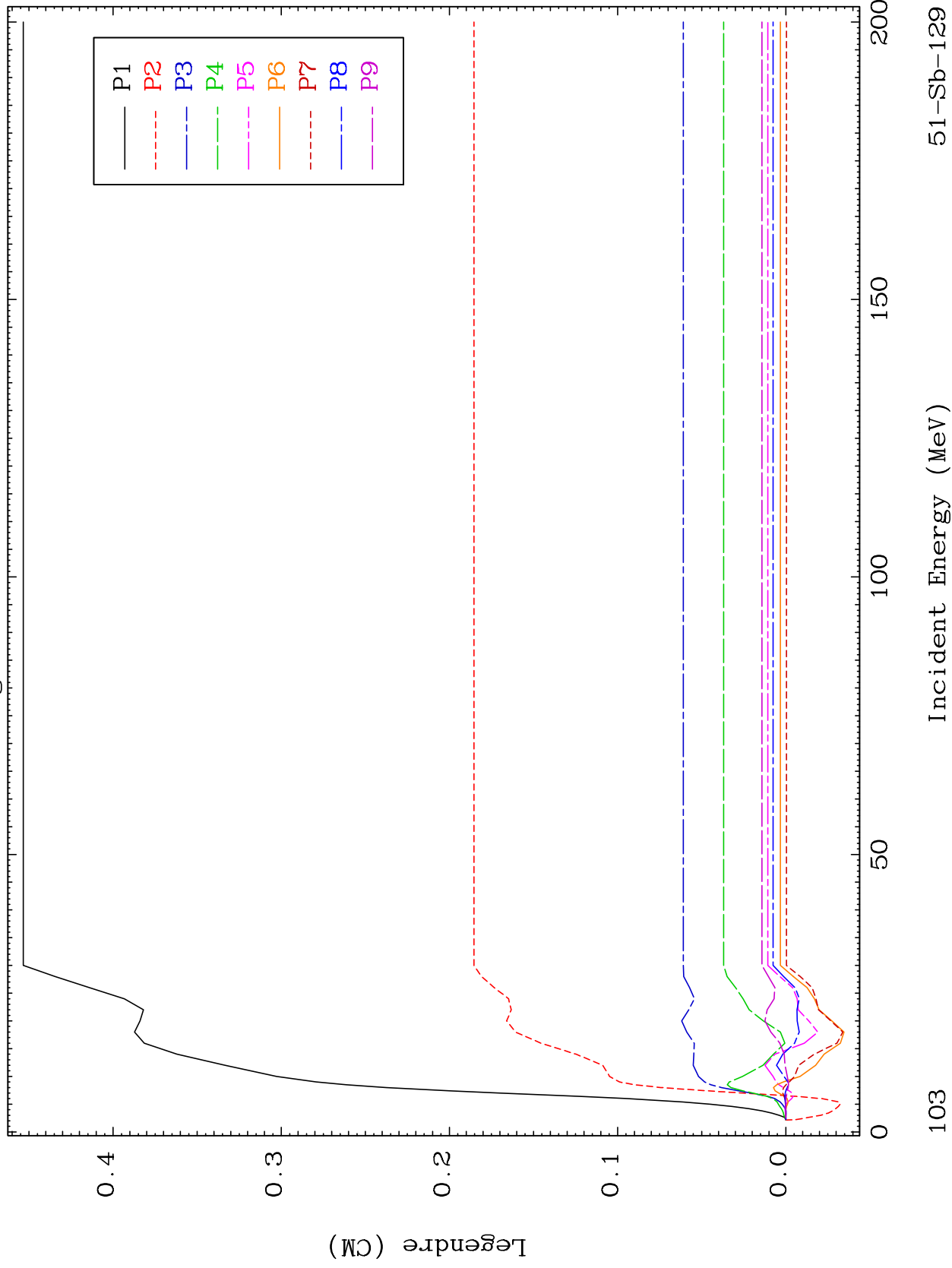
Legendre Coefficients



MAT 5149

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

51-Sb-129



51-Sb-129

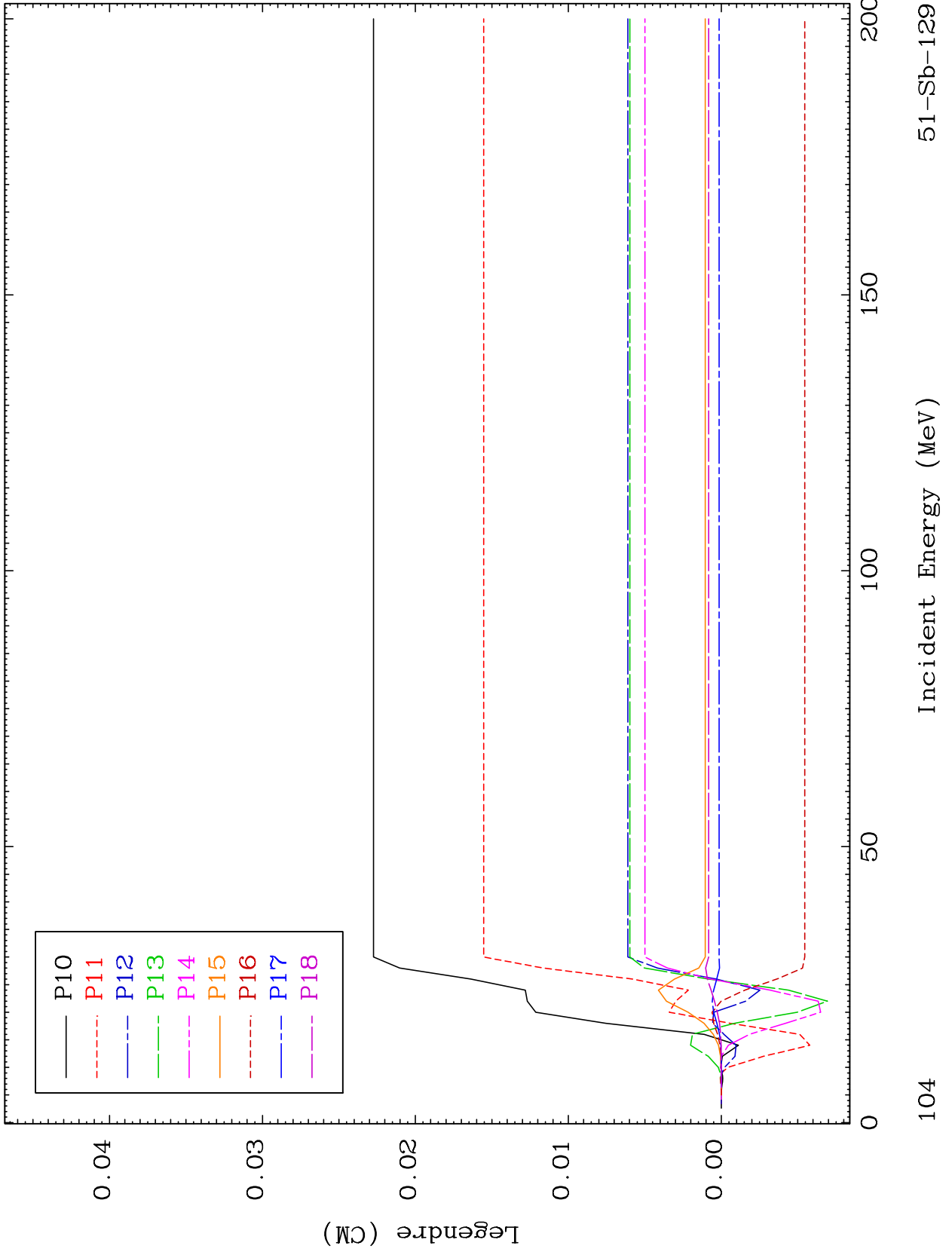
Incident Energy (MeV)

103

MAT 5149

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

51-Sb-129



104

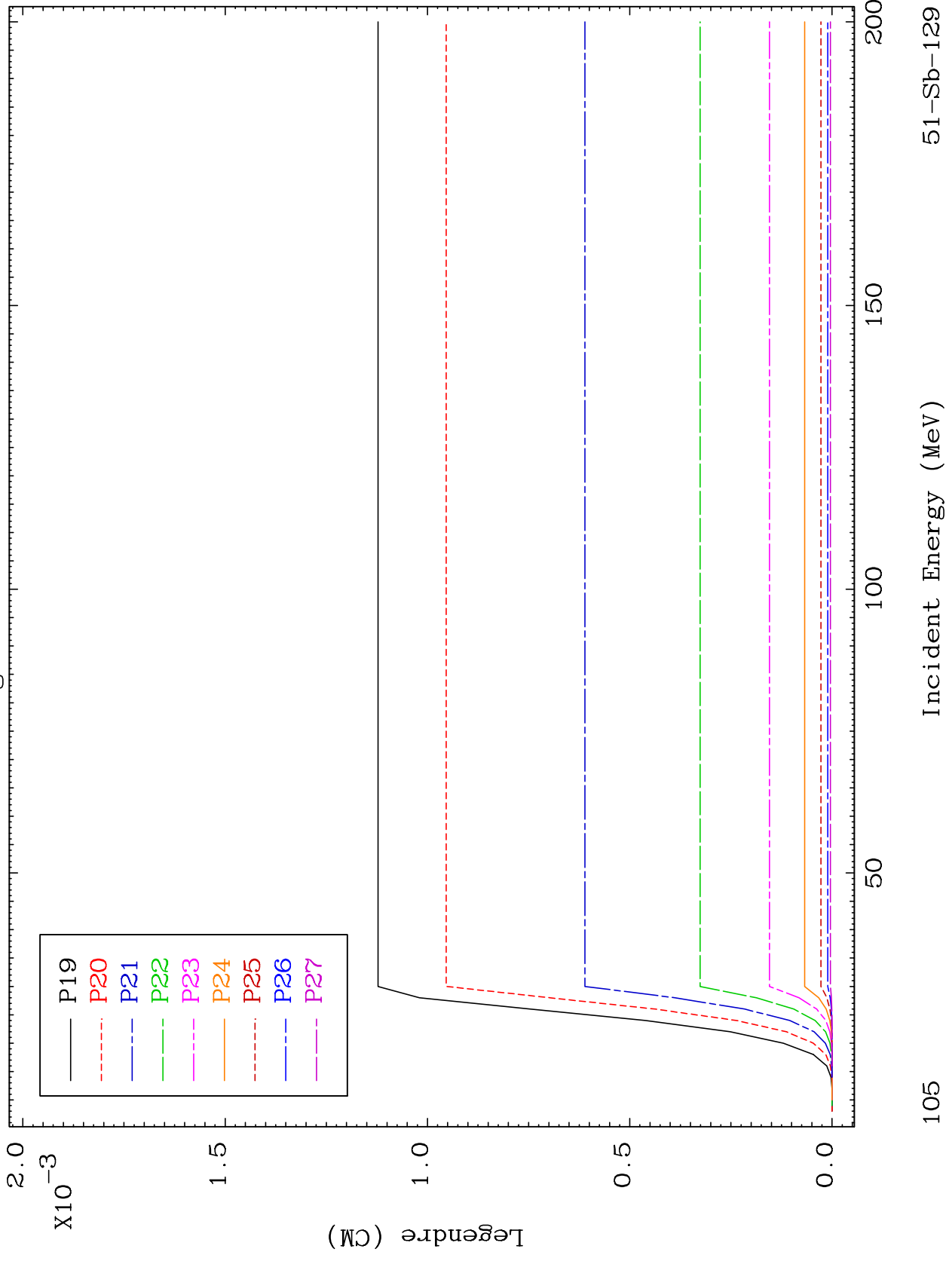
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



105

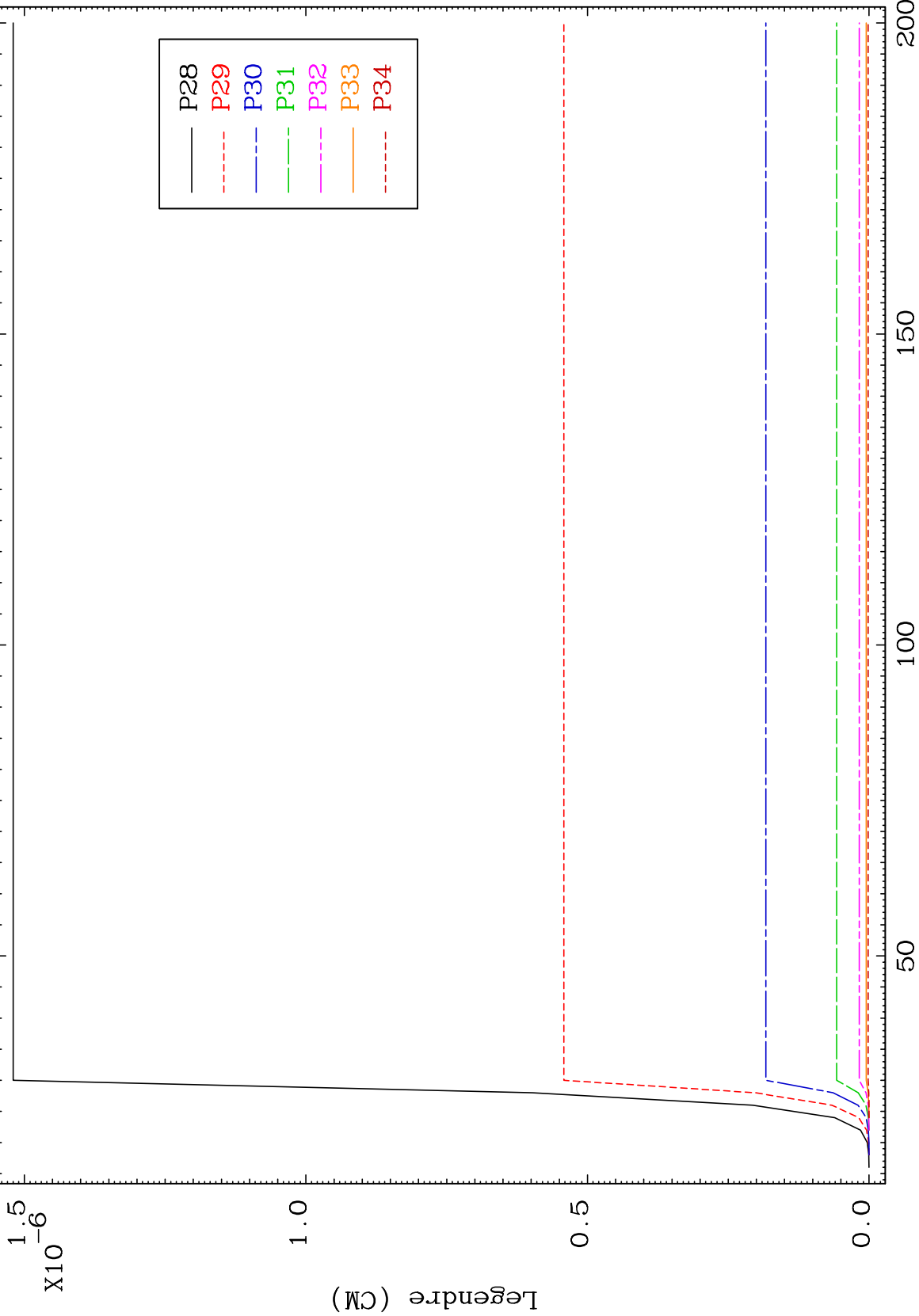
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



106

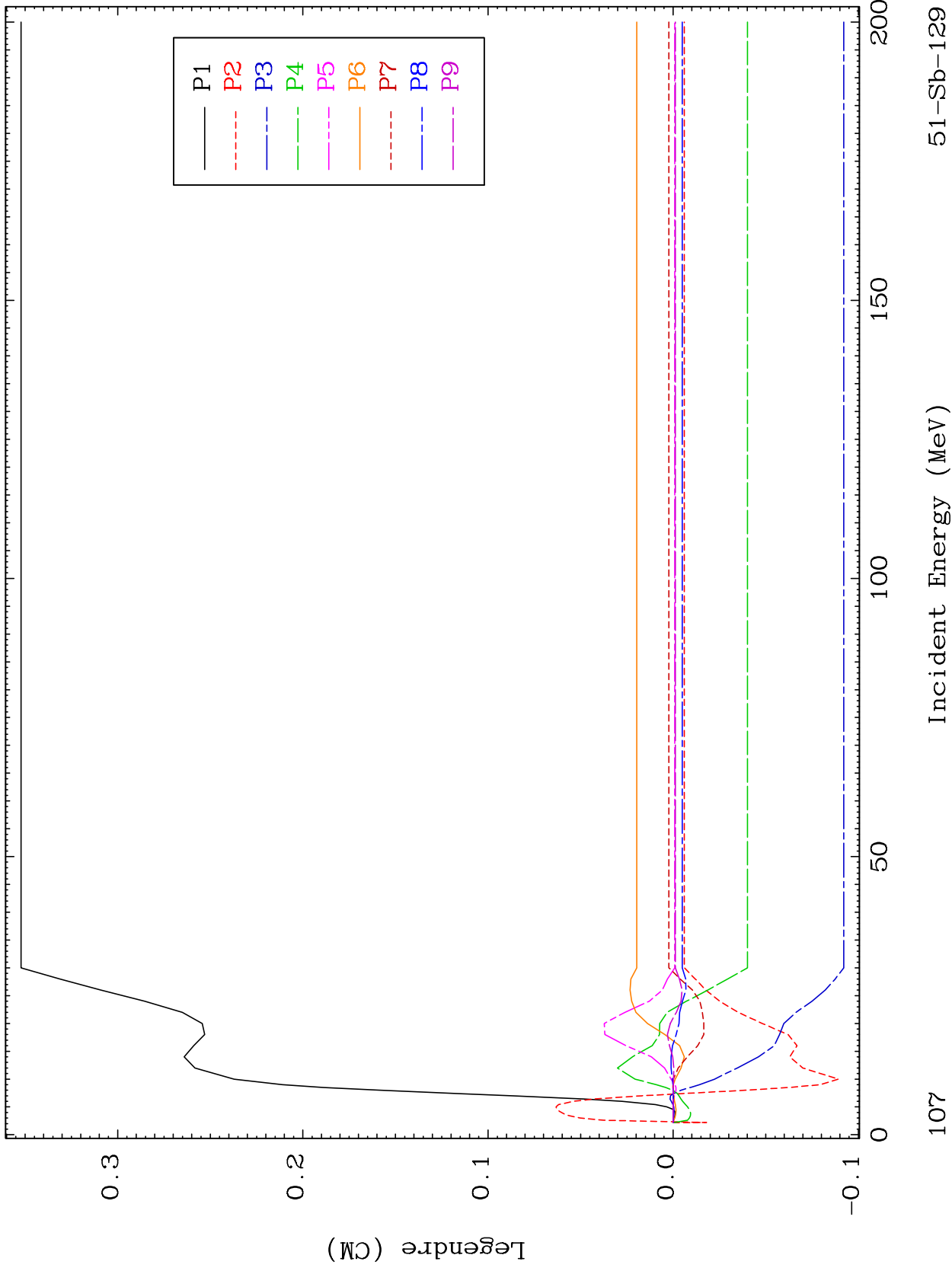
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



51-Sb-129

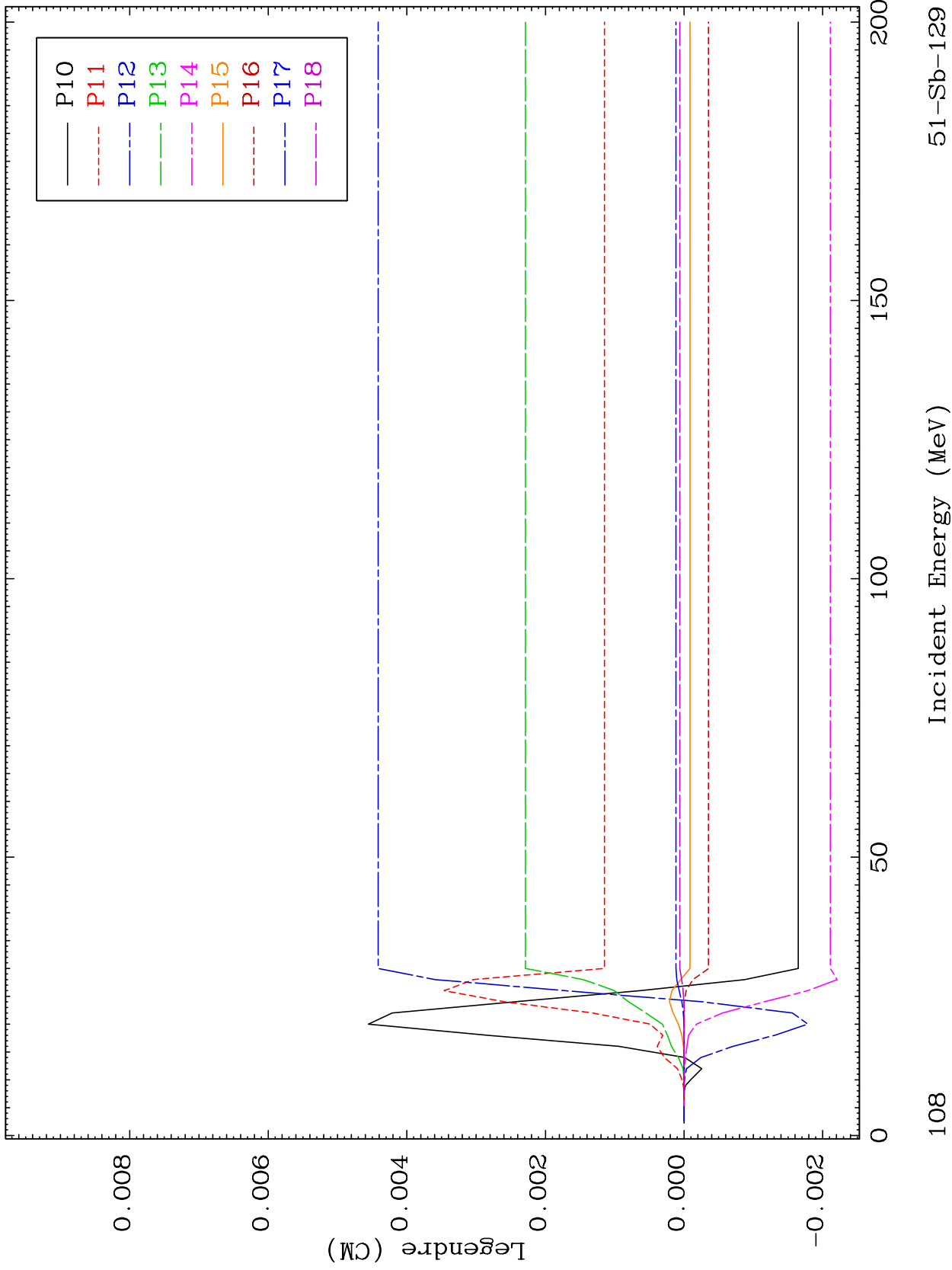
Incident Energy (MeV)

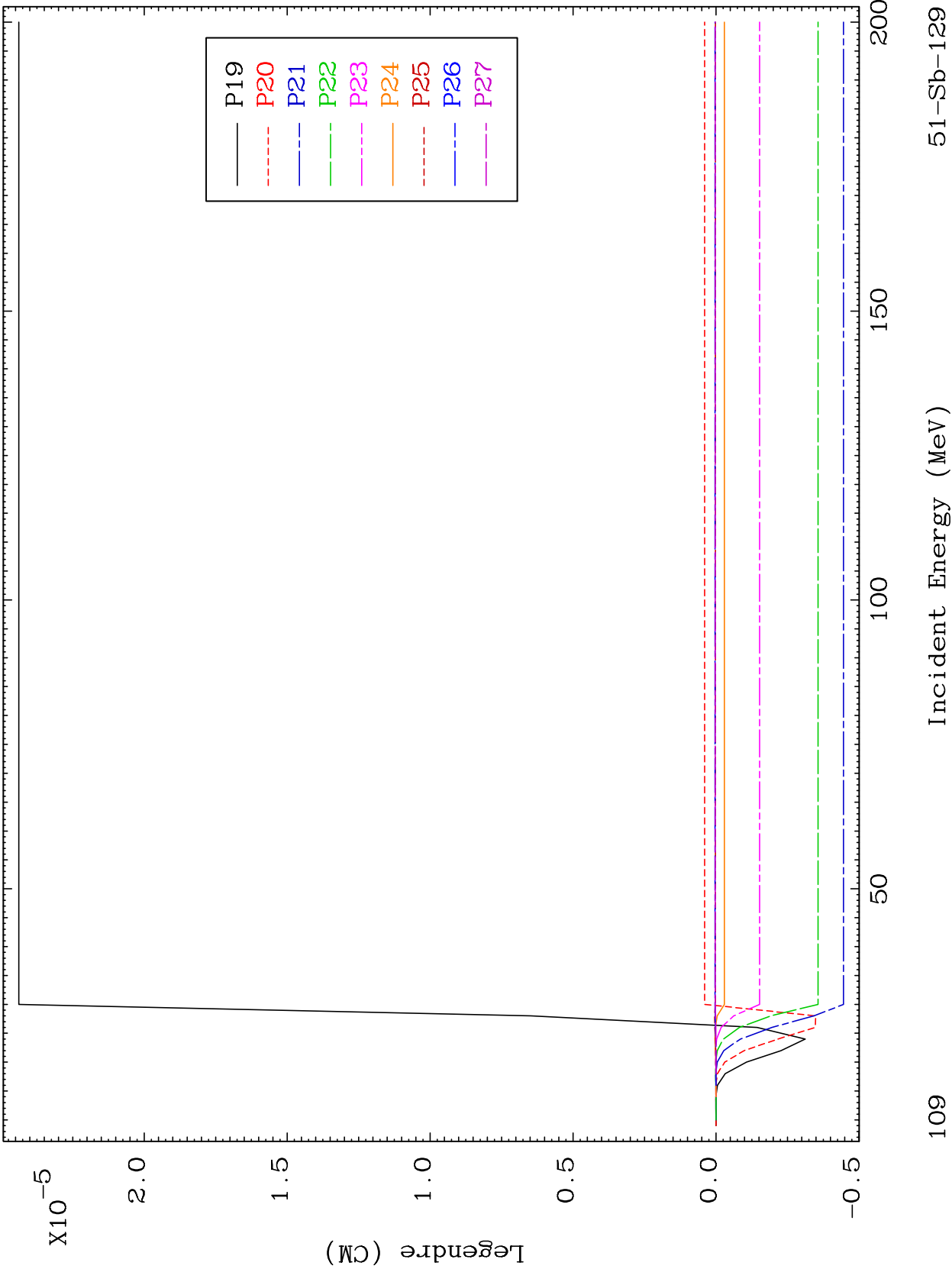
107

MAT 5149

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

51-Sb-129

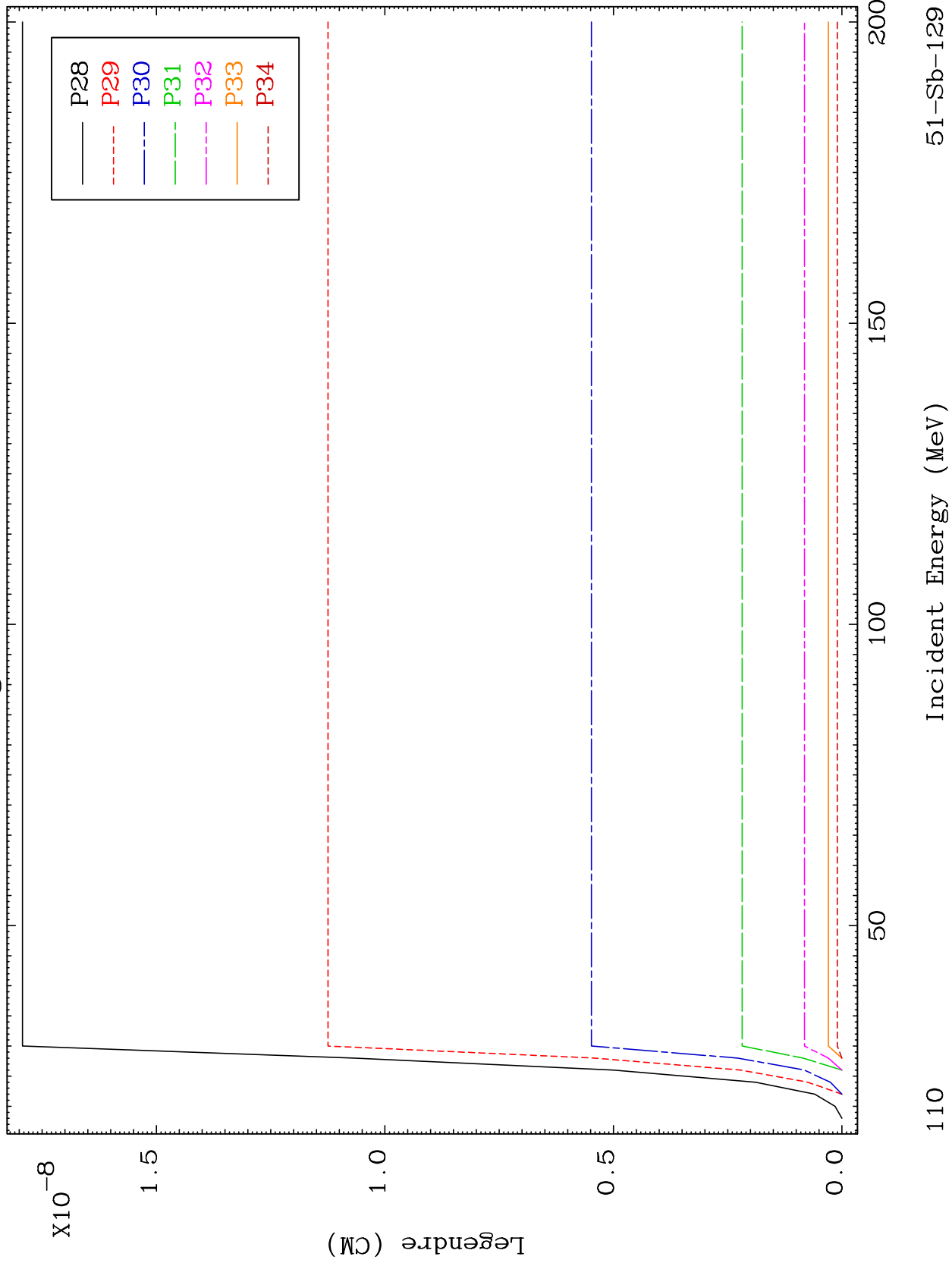




MAT 5149

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

51-Sb-129



110

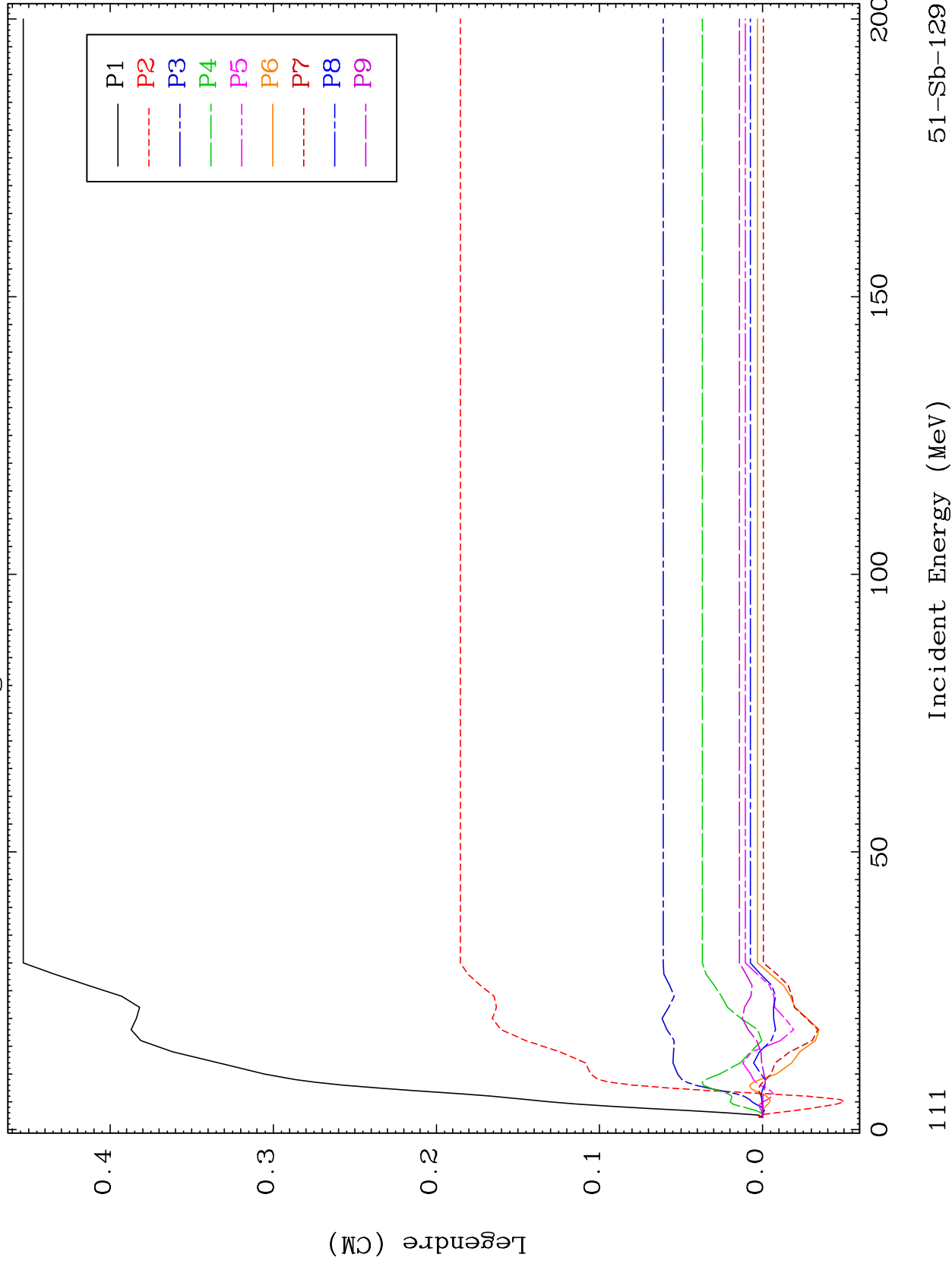
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



51-Sb-129

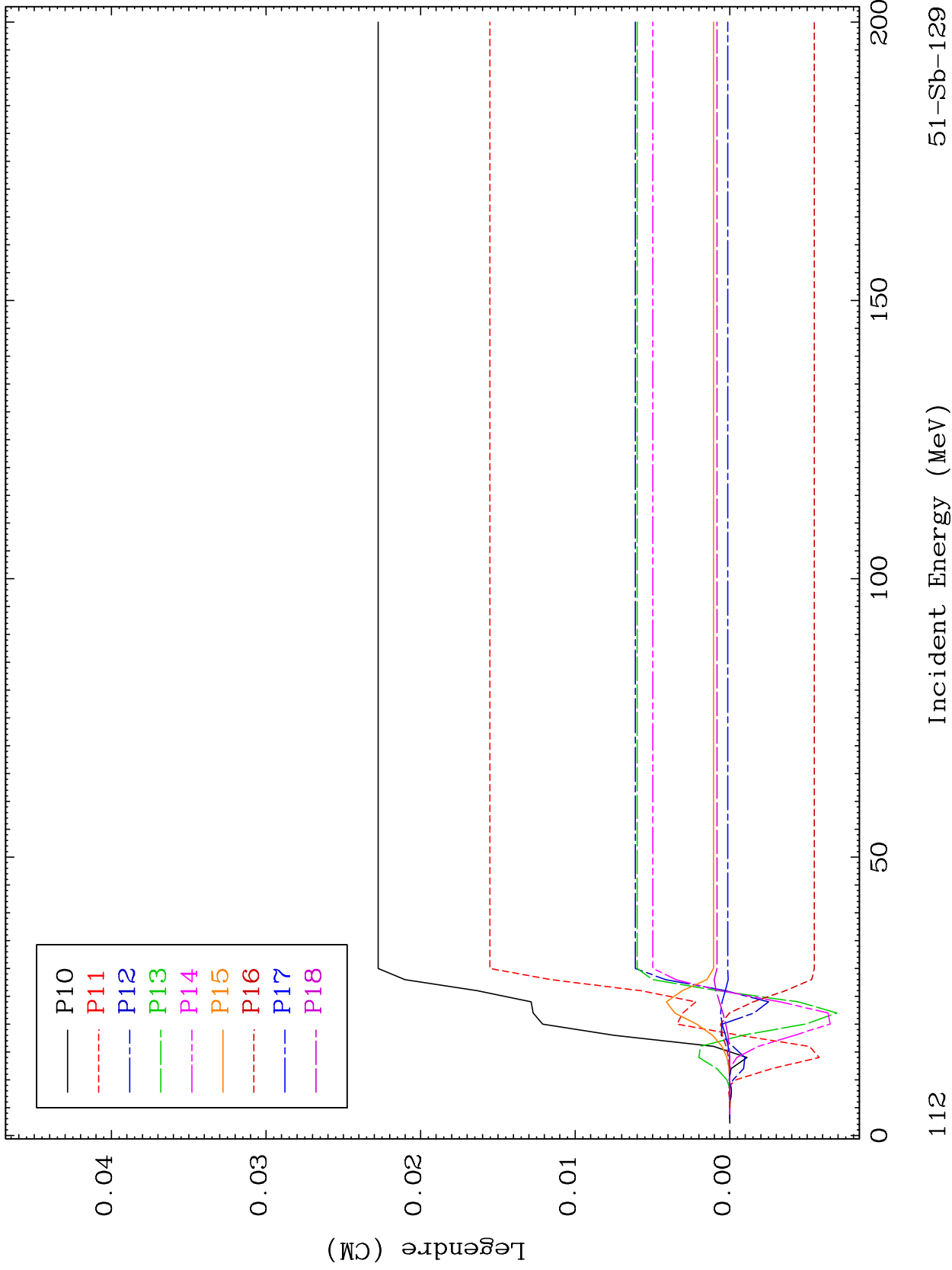
Incident Energy (MeV)

111

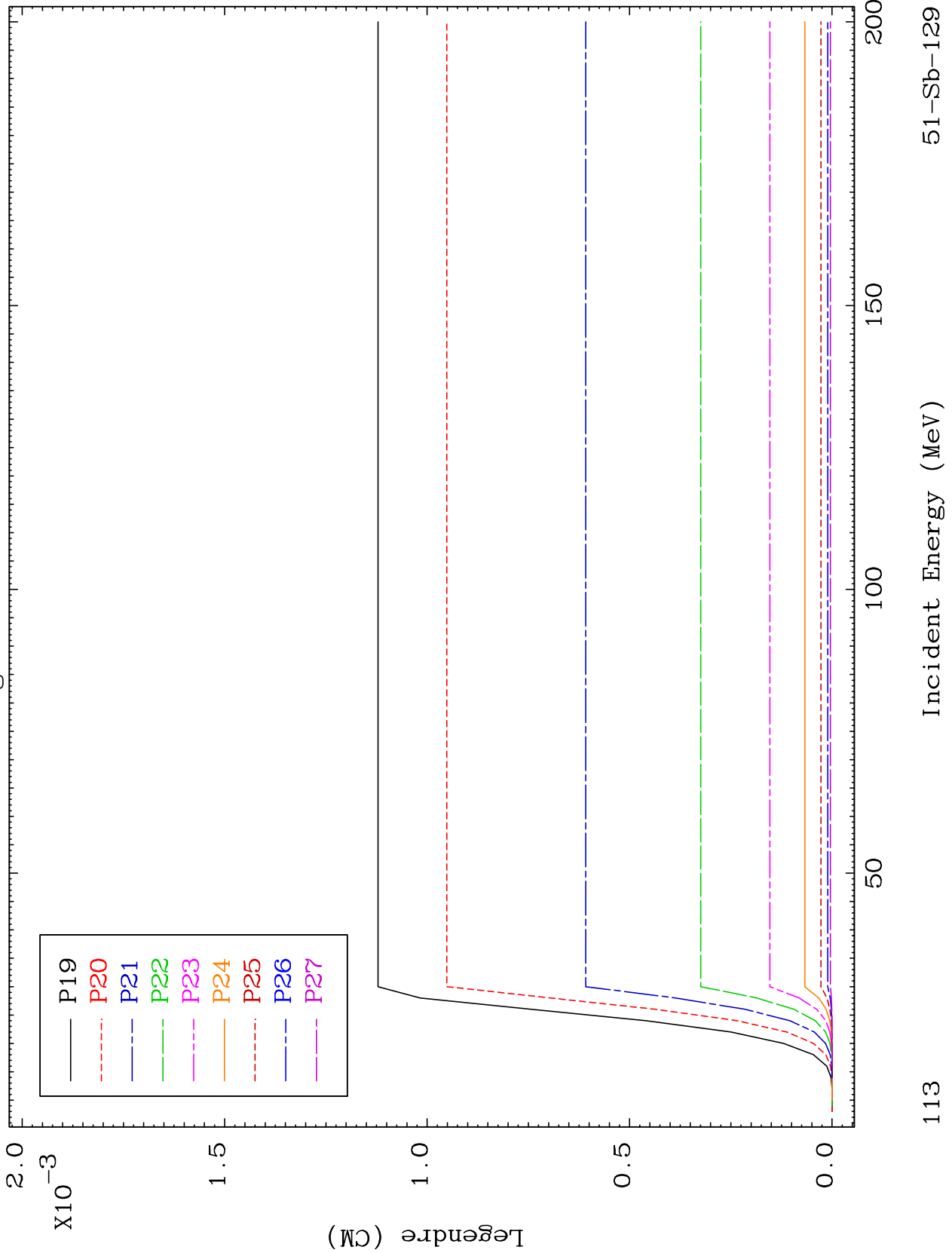
MAT 5149

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

51-Sb-129



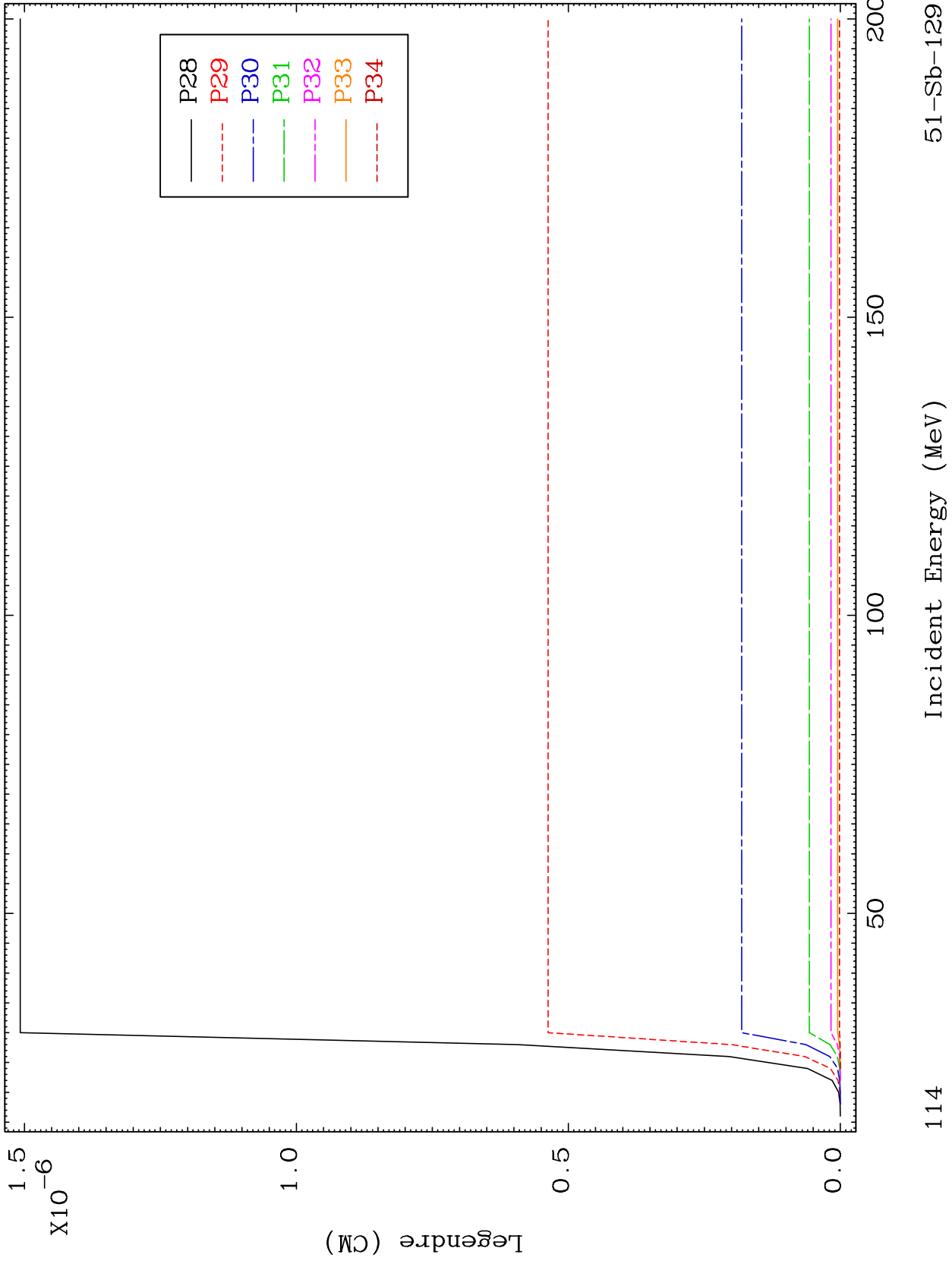
112



MAT 5149

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

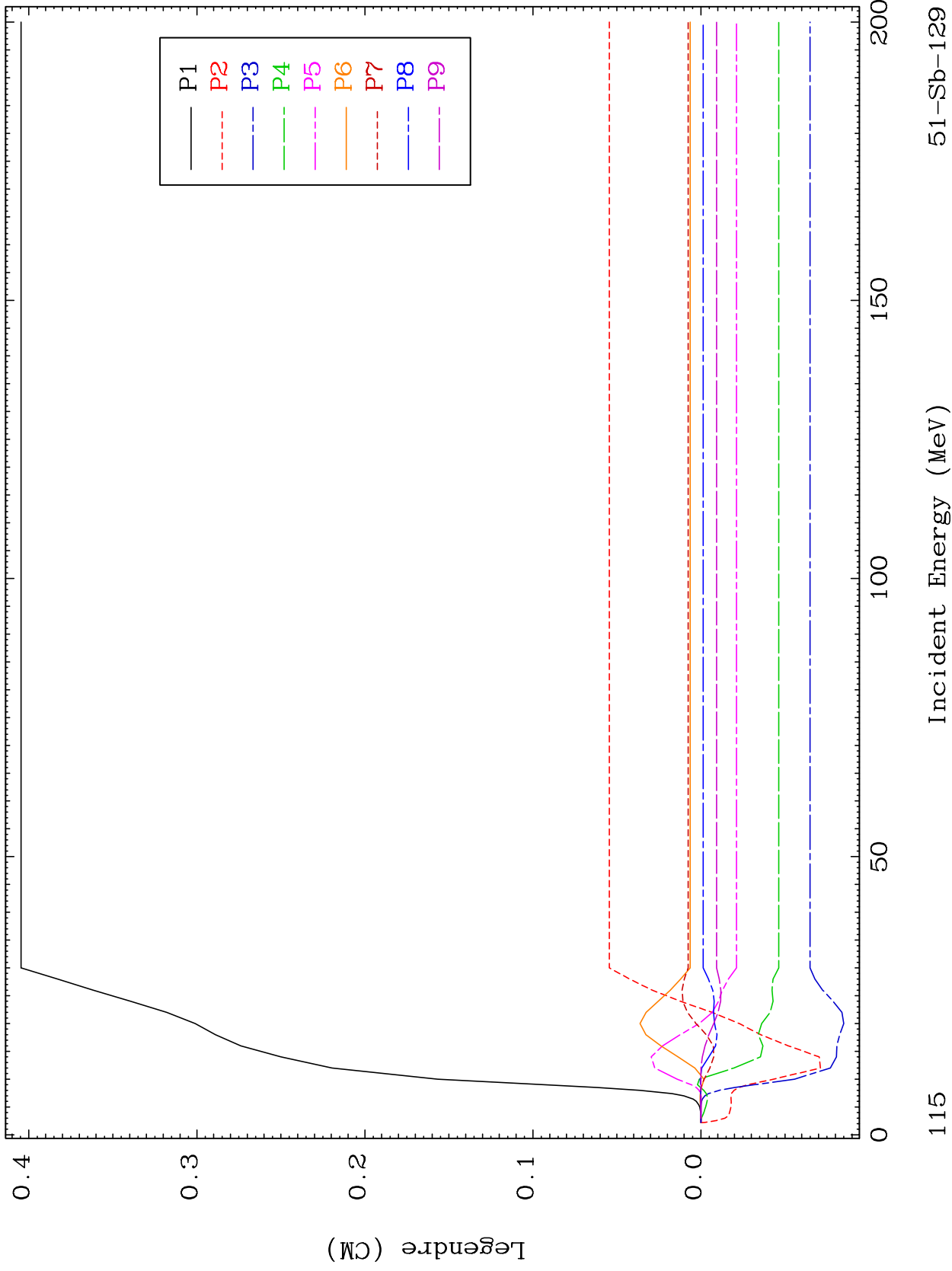
51-Sb-129



MAT 5149

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

51-Sb-129



51-Sb-129

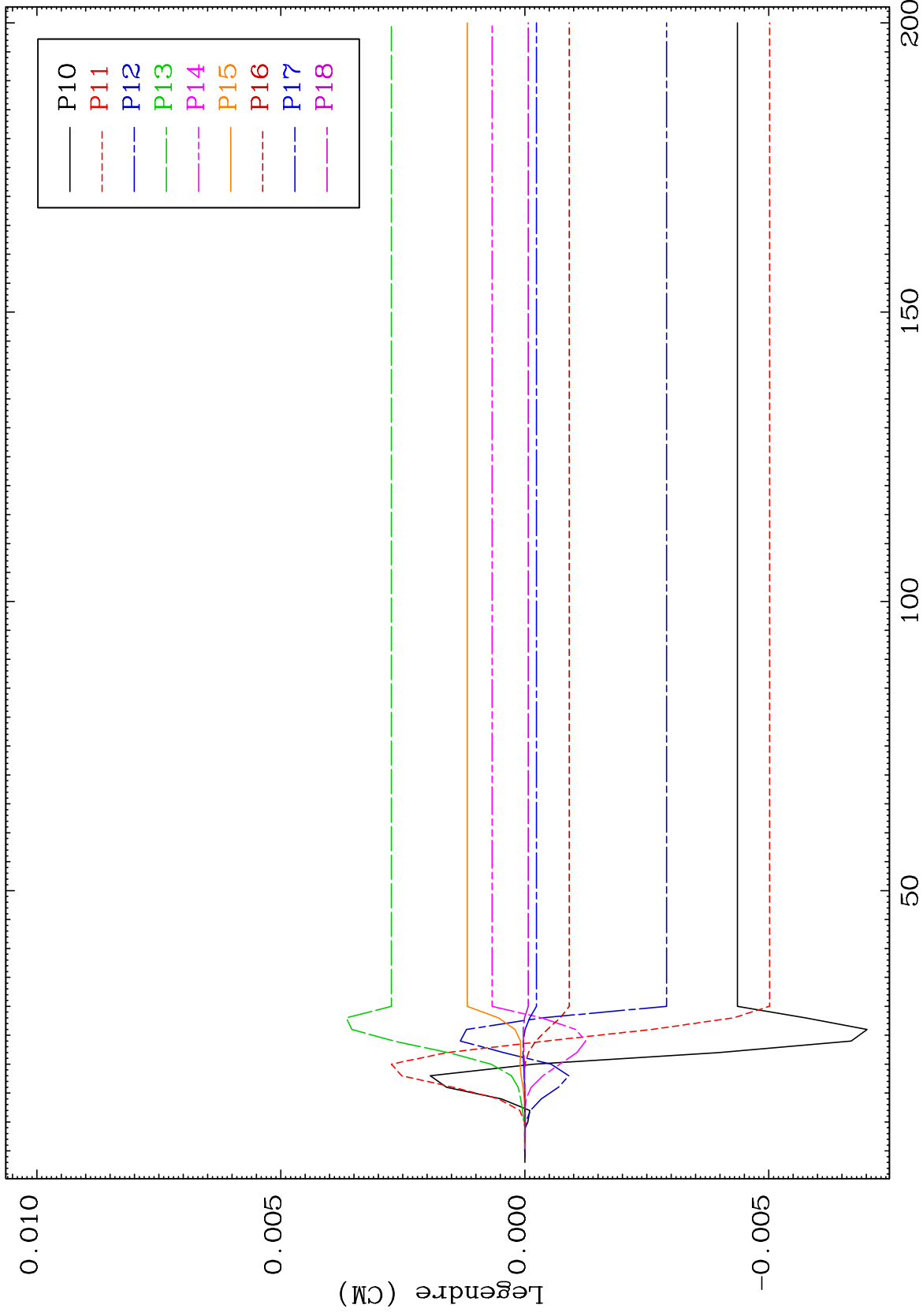
Incident Energy (MeV)

115

MAT 5149

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

51-Sb-129



116

Incident Energy (MeV)

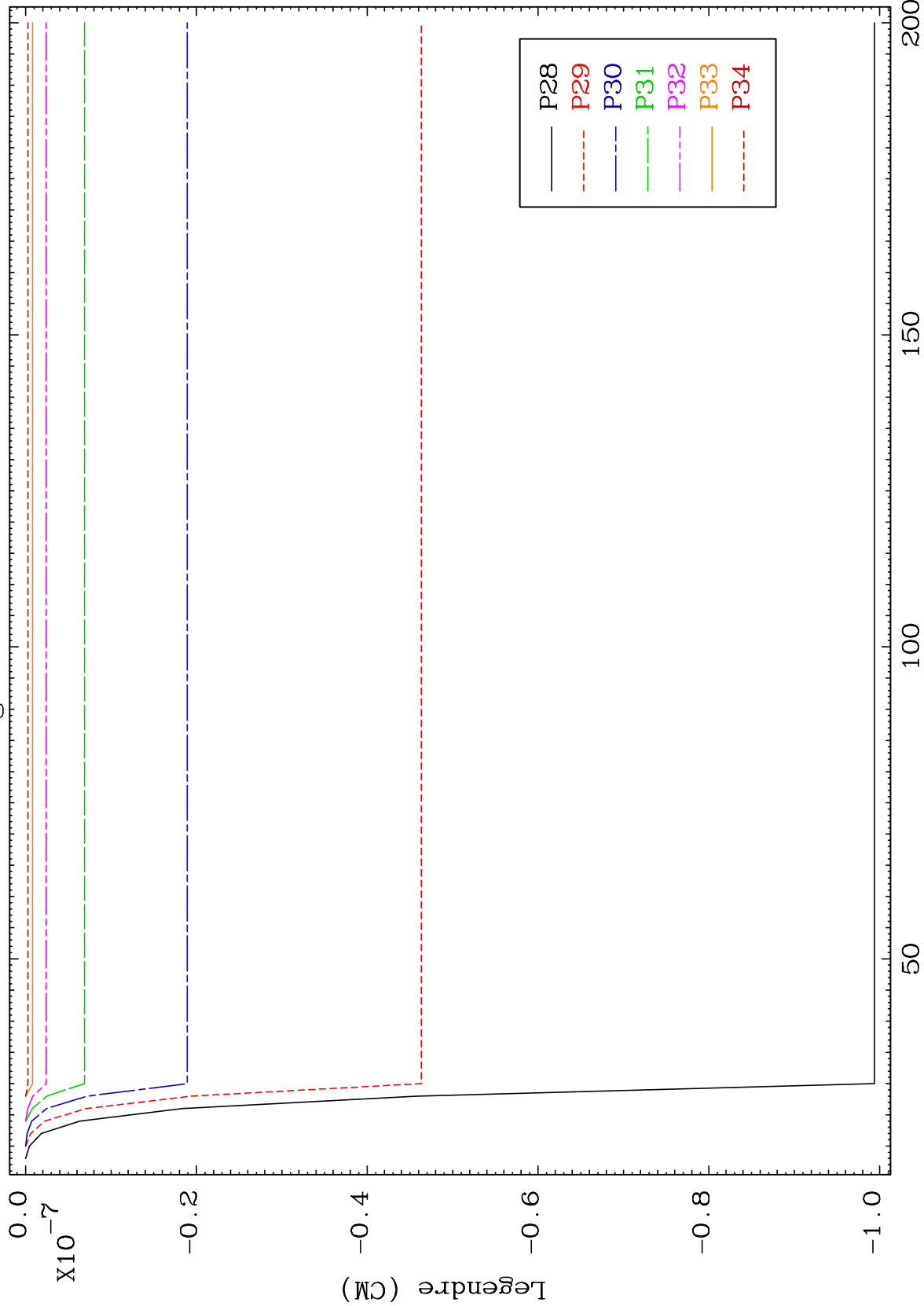
51-Sb-129

MAT 5149

MT= 75 (n,n') Level

51-Sb-129

Legendre Coefficients



118

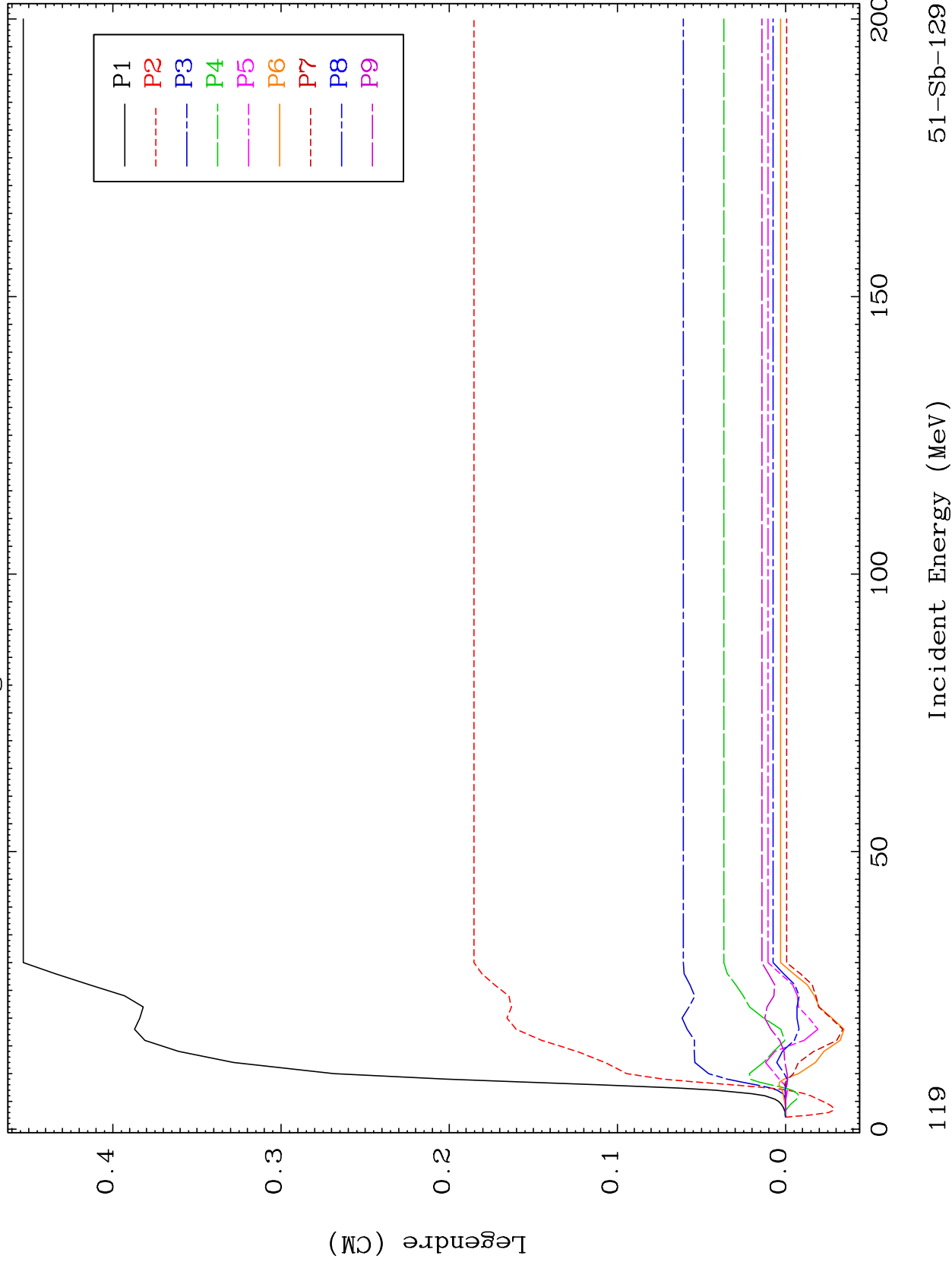
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



51-Sb-129

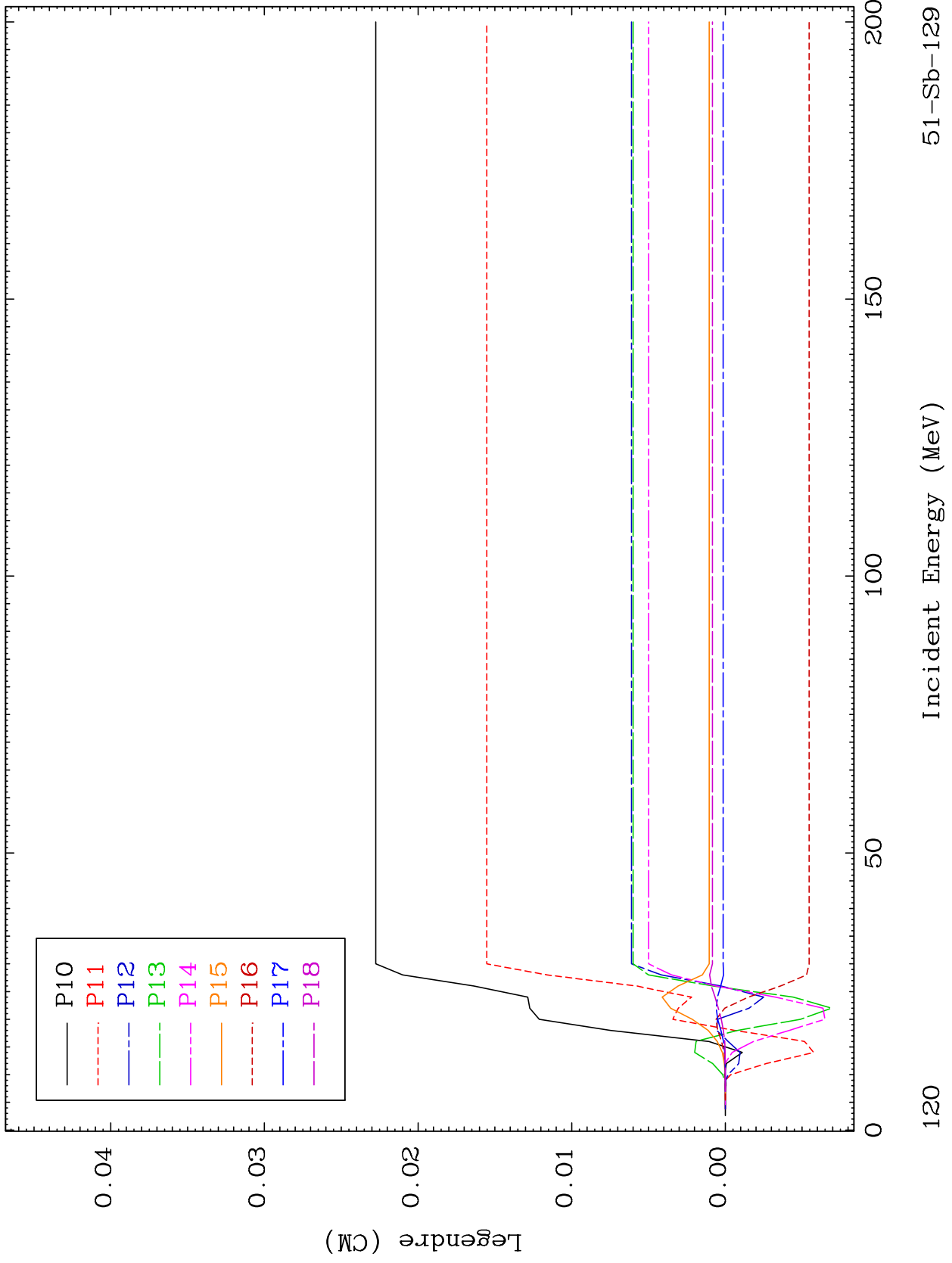
Incident Energy (MeV)

119

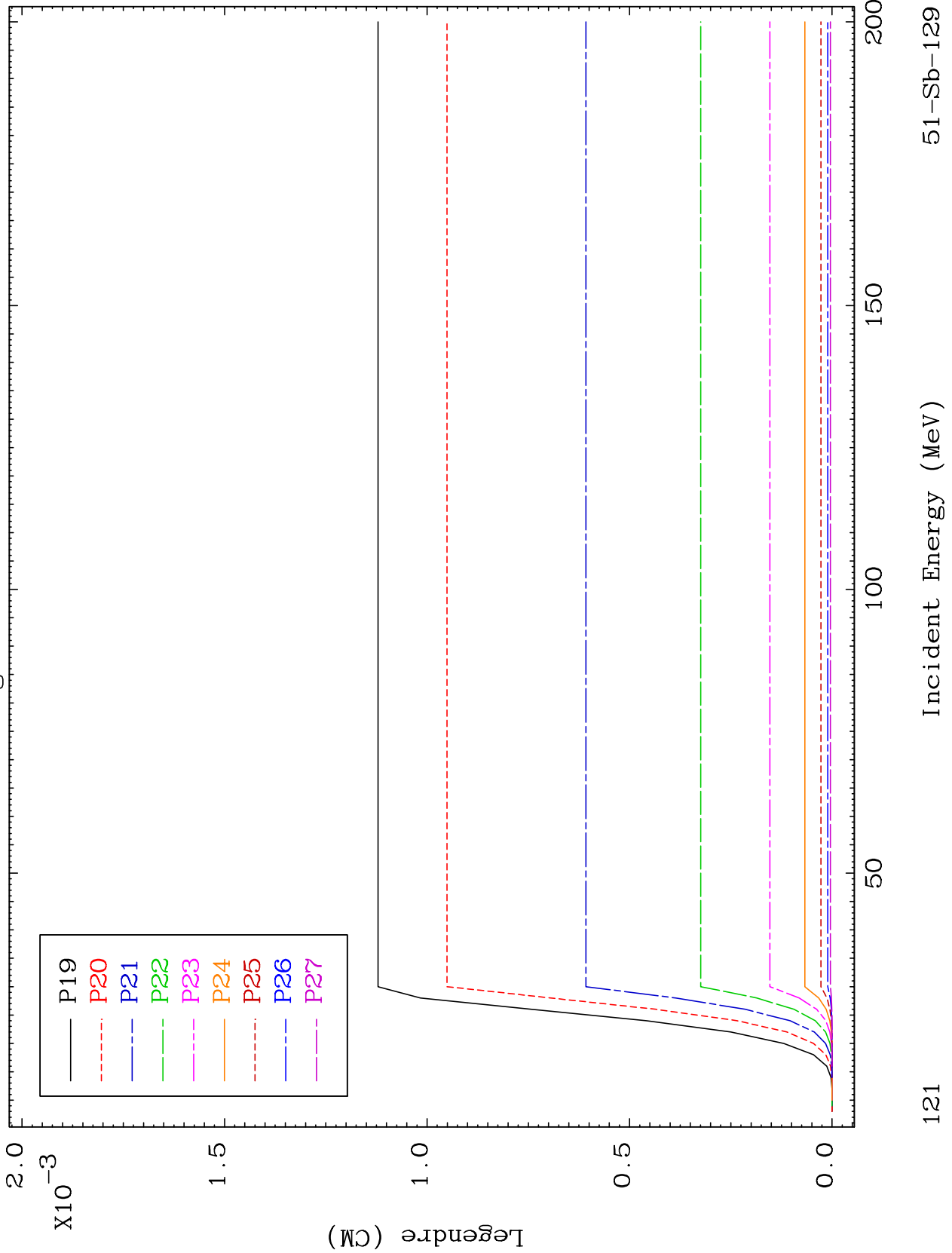
MAT 5149

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

51-Sb-129



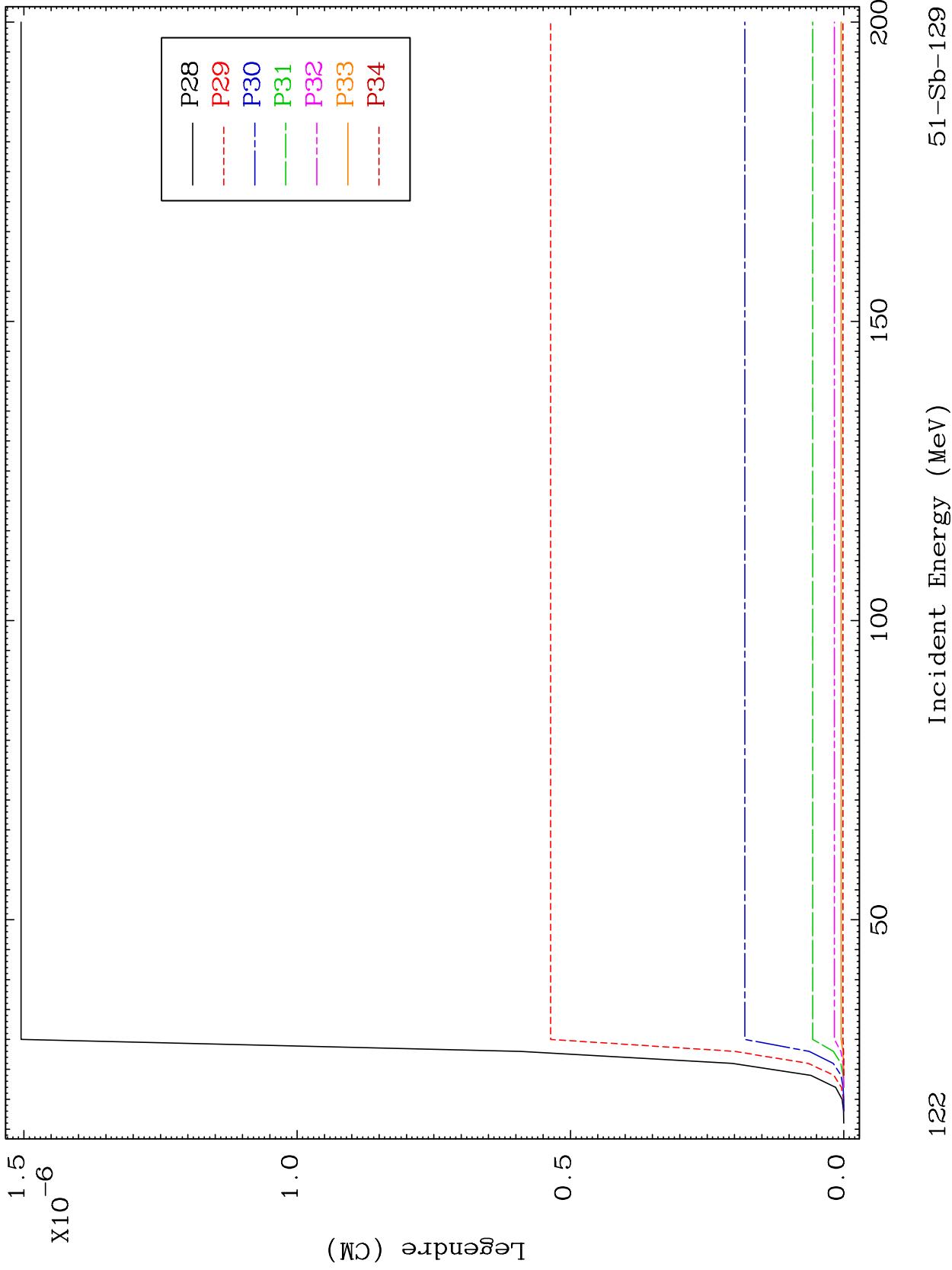
51-Sb-129



MAT 5149

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

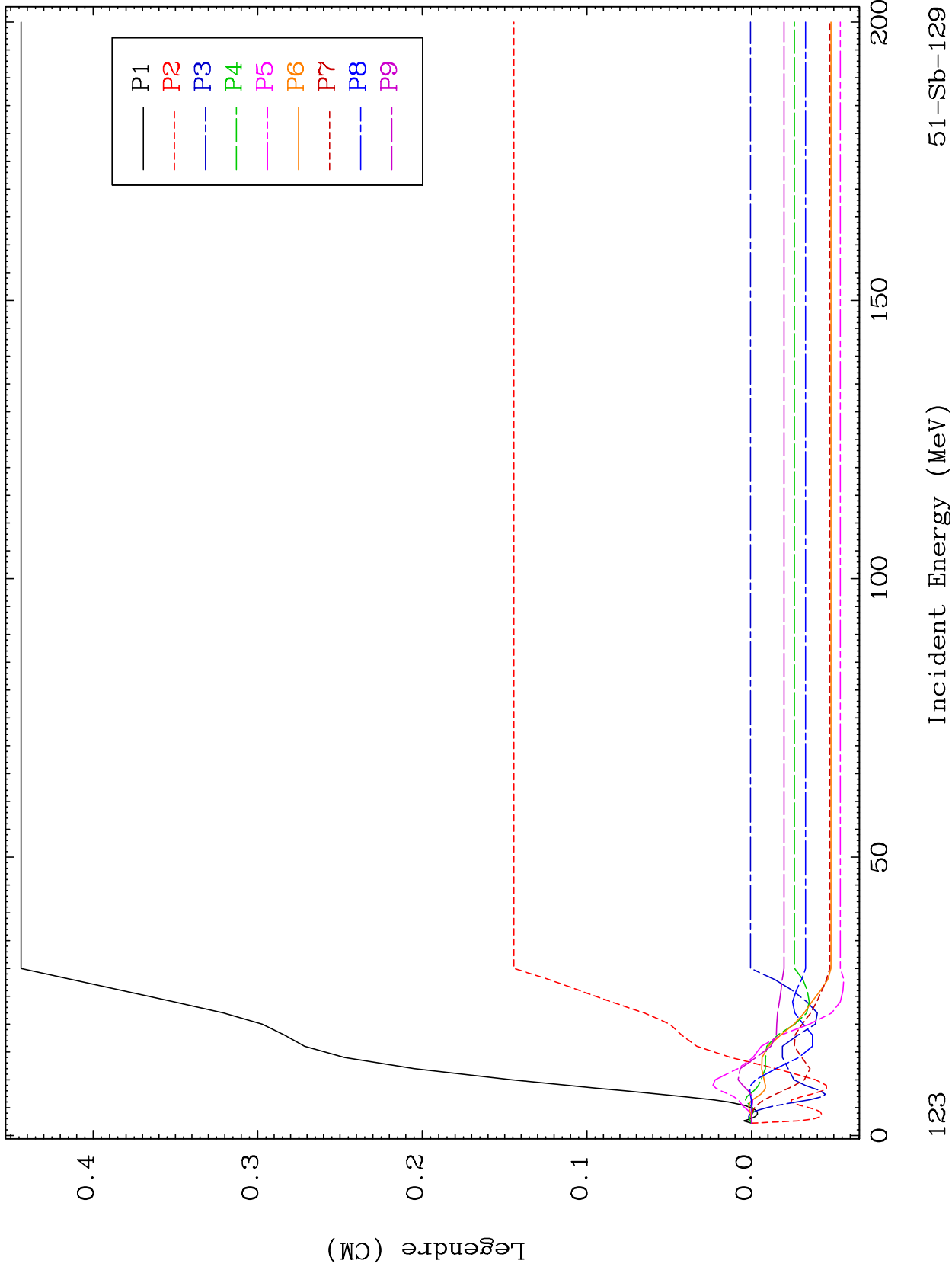
51-Sb-129



122

Incident Energy (MeV)

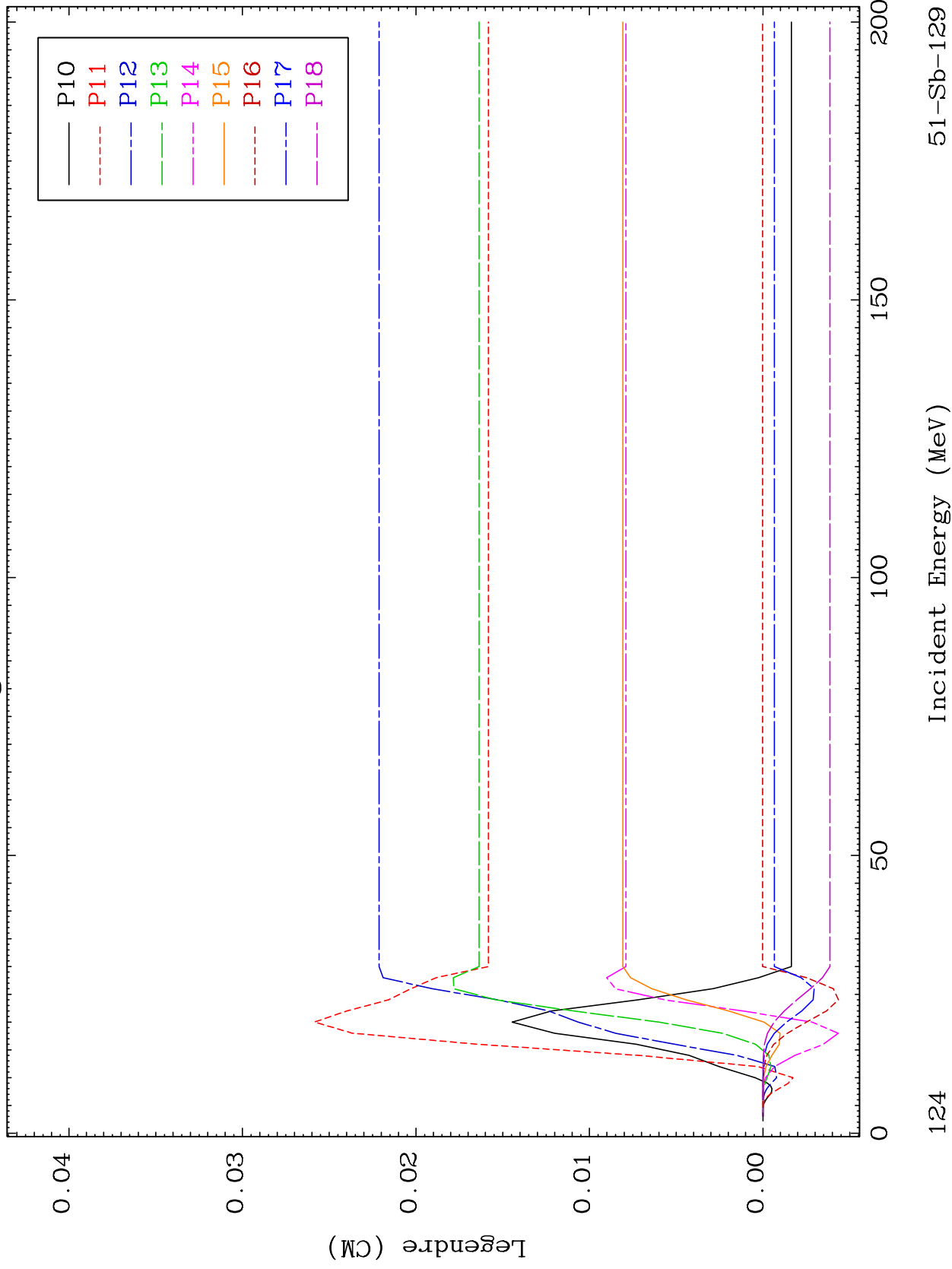
51-Sb-129



MAT 5149

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

51-Sb-129



51-Sb-129

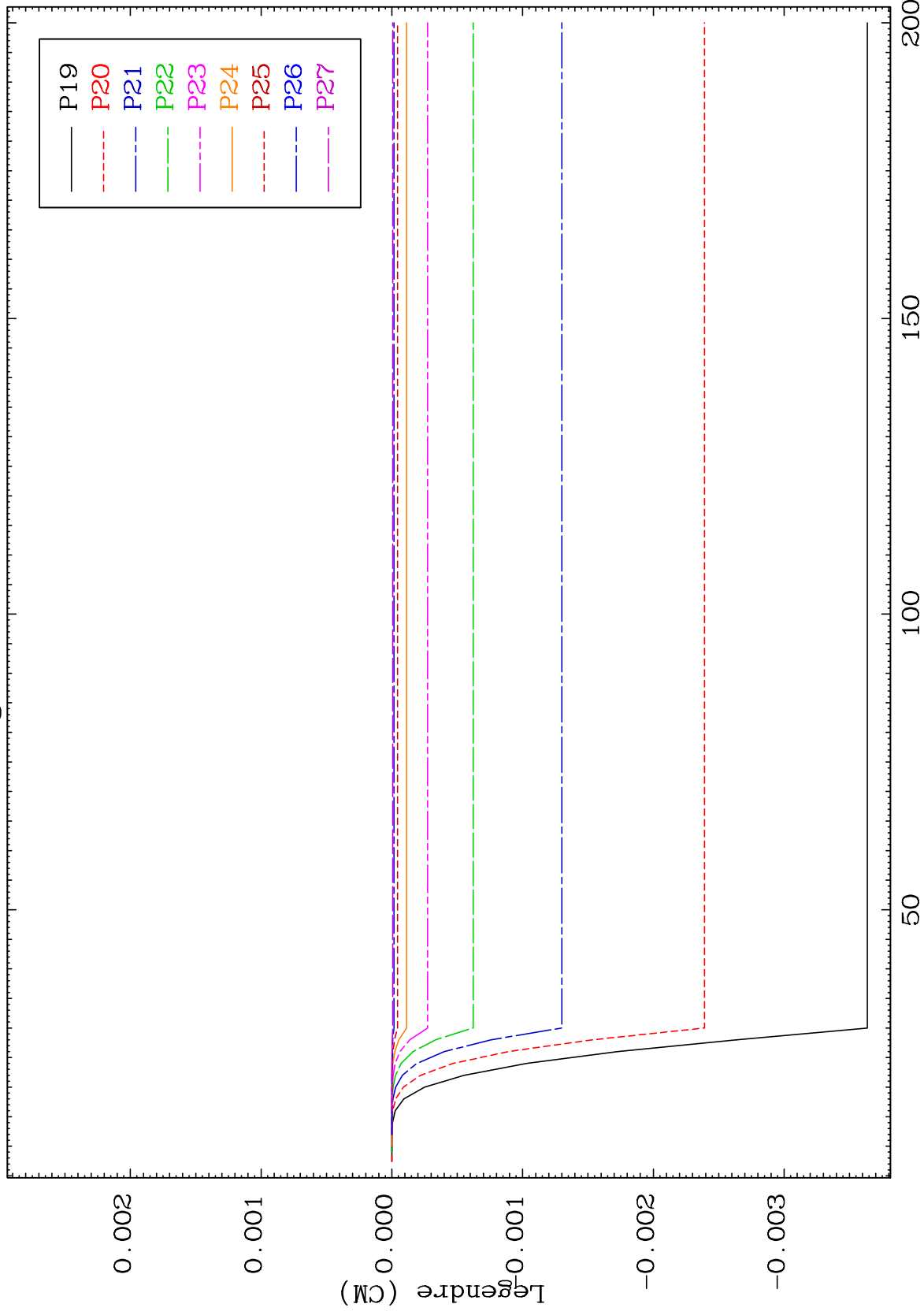
Incident Energy (MeV)

124

MAT 5149

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

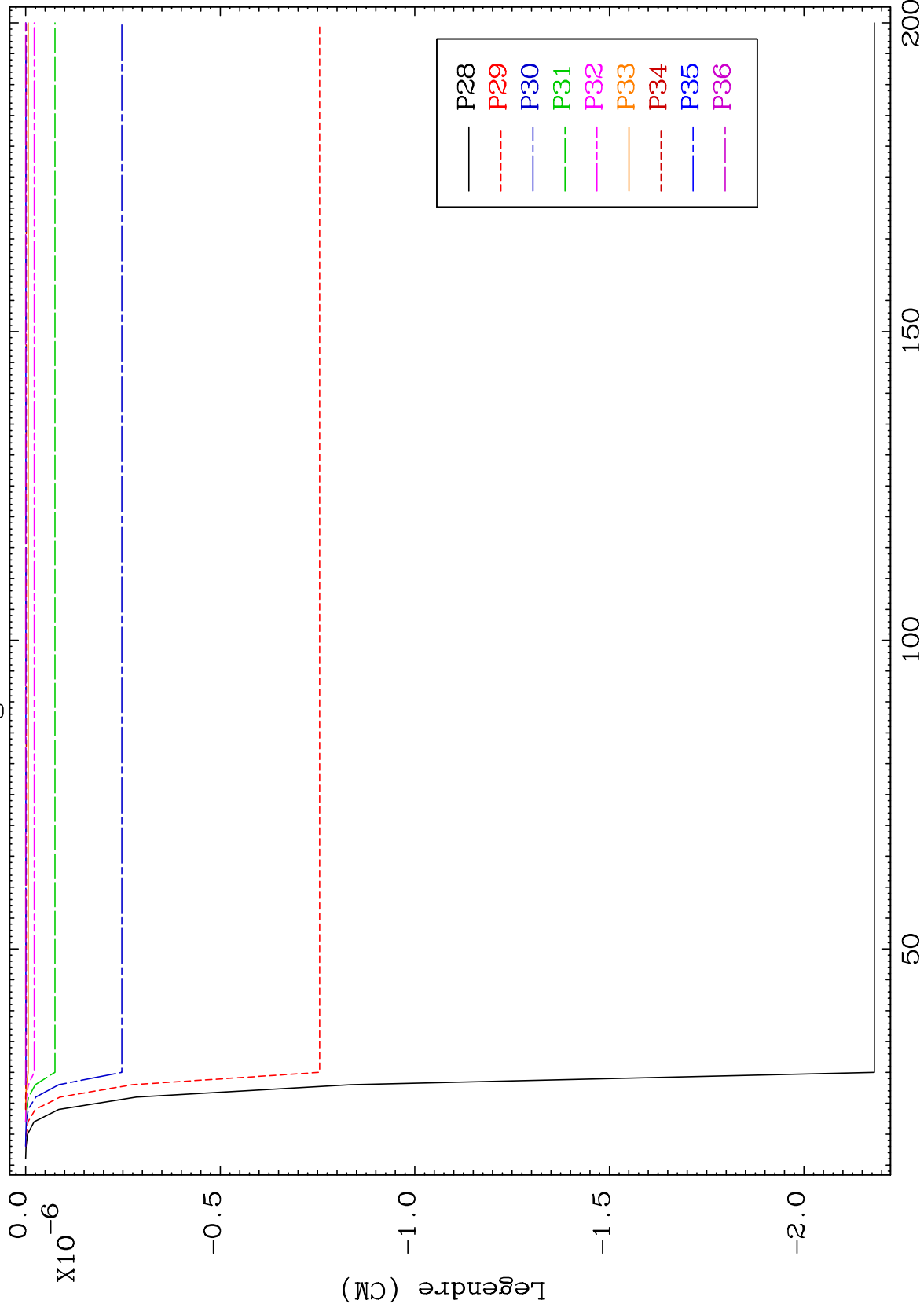
51-Sb-129



125

Incident Energy (MeV)

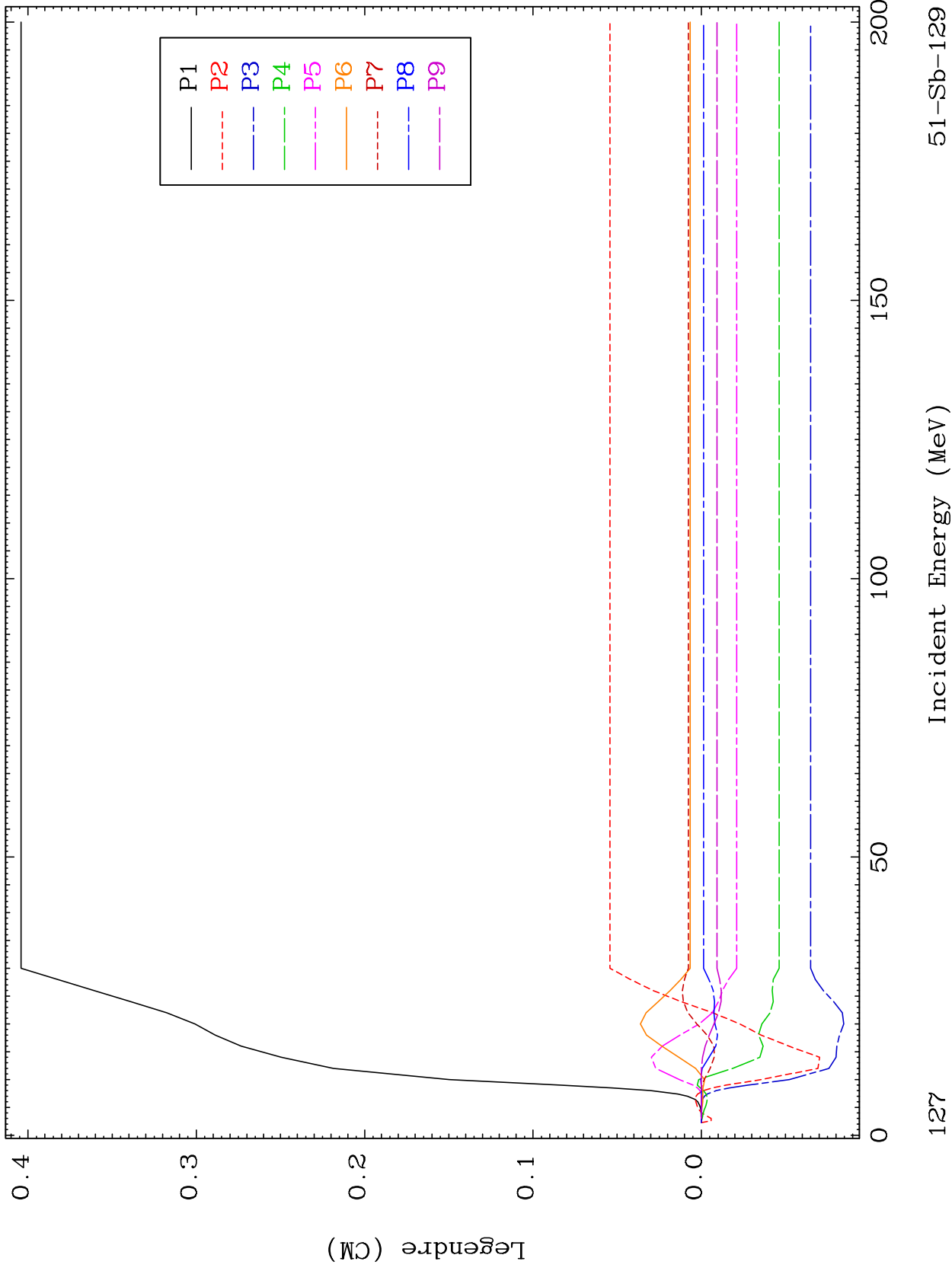
51-Sb-129



MAT 5149

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

51-Sb-129



51-Sb-129

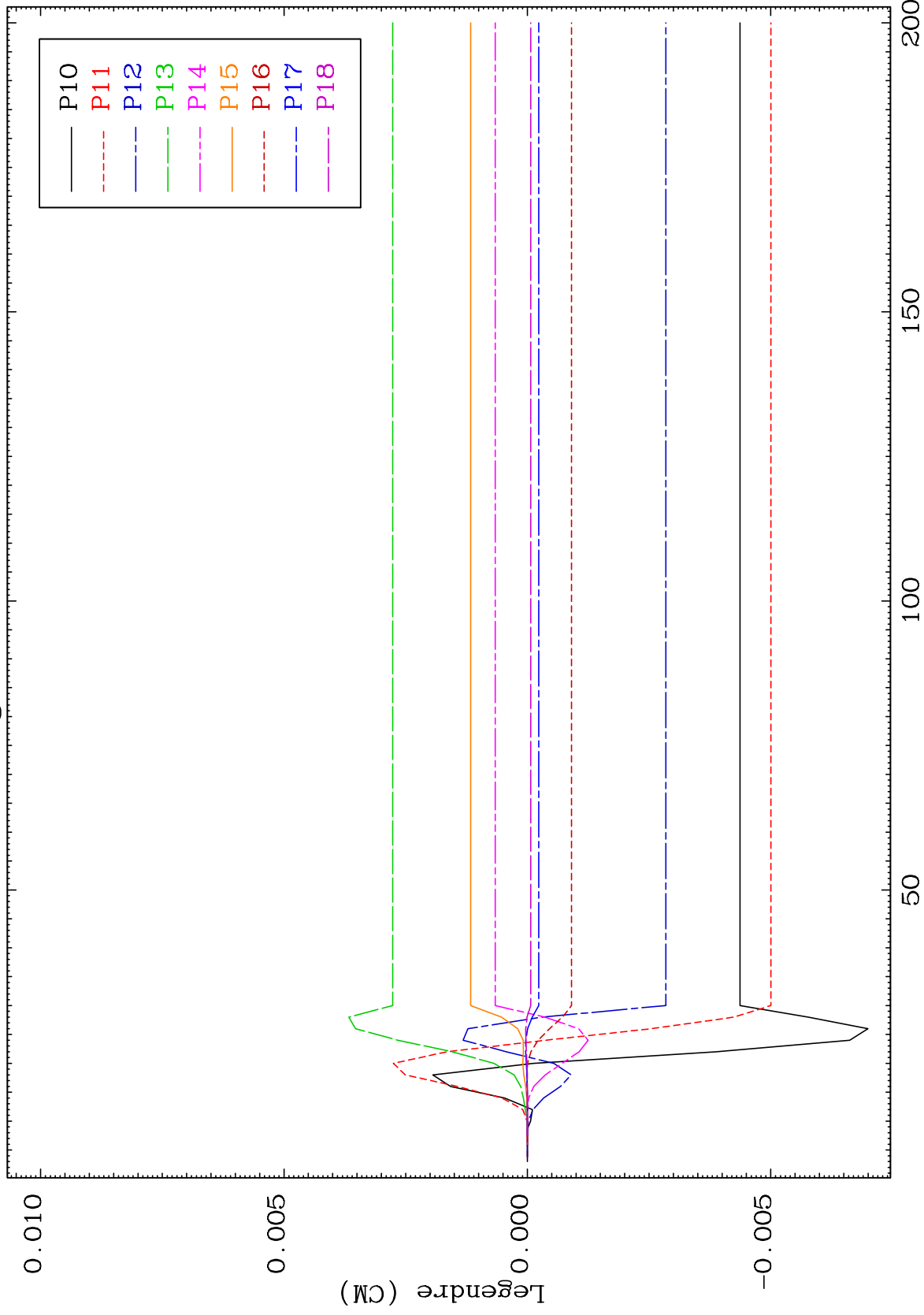
Incident Energy (MeV)

127

MAT 5149

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

51-Sb-129



128

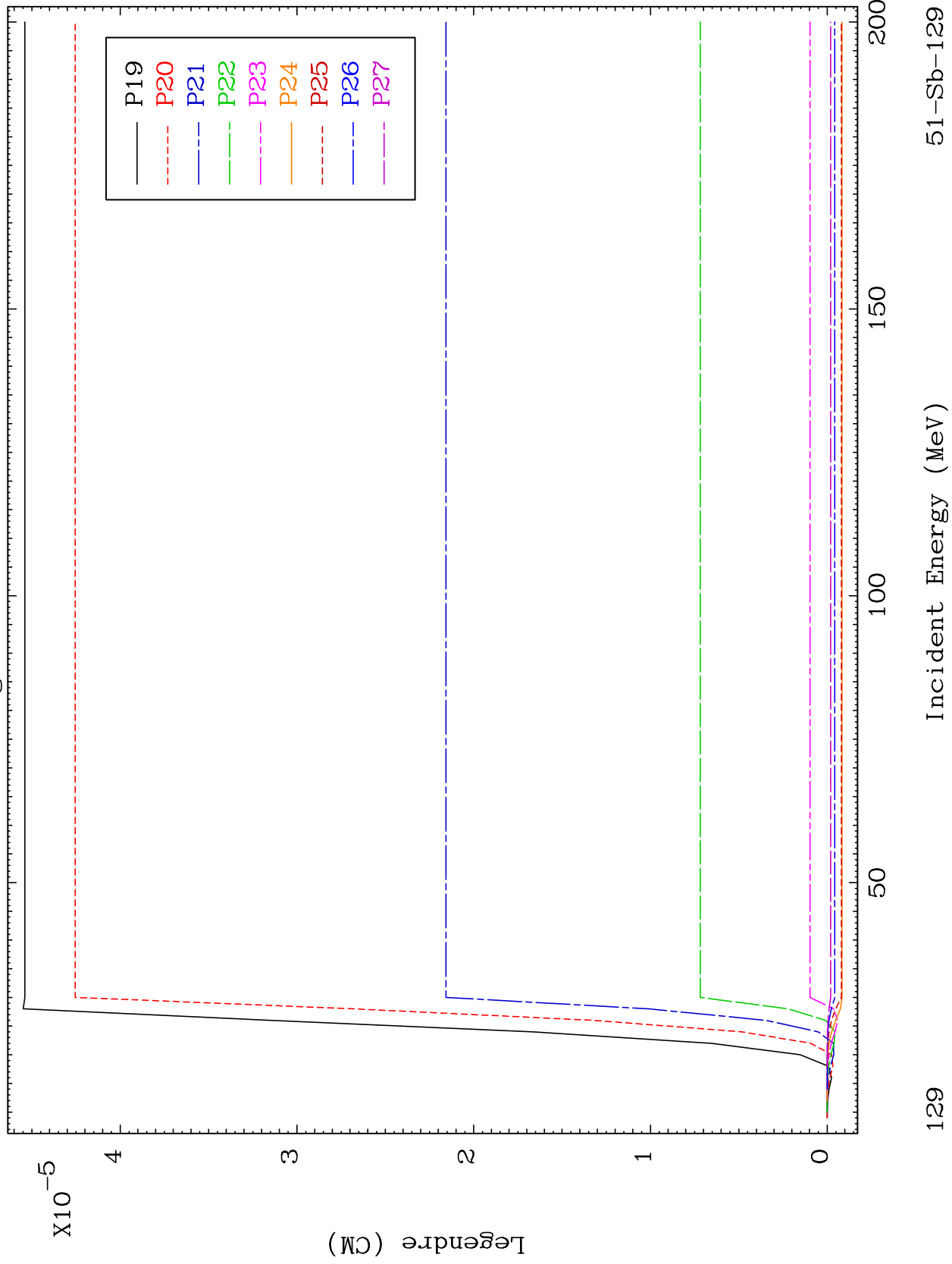
Incident Energy (MeV)

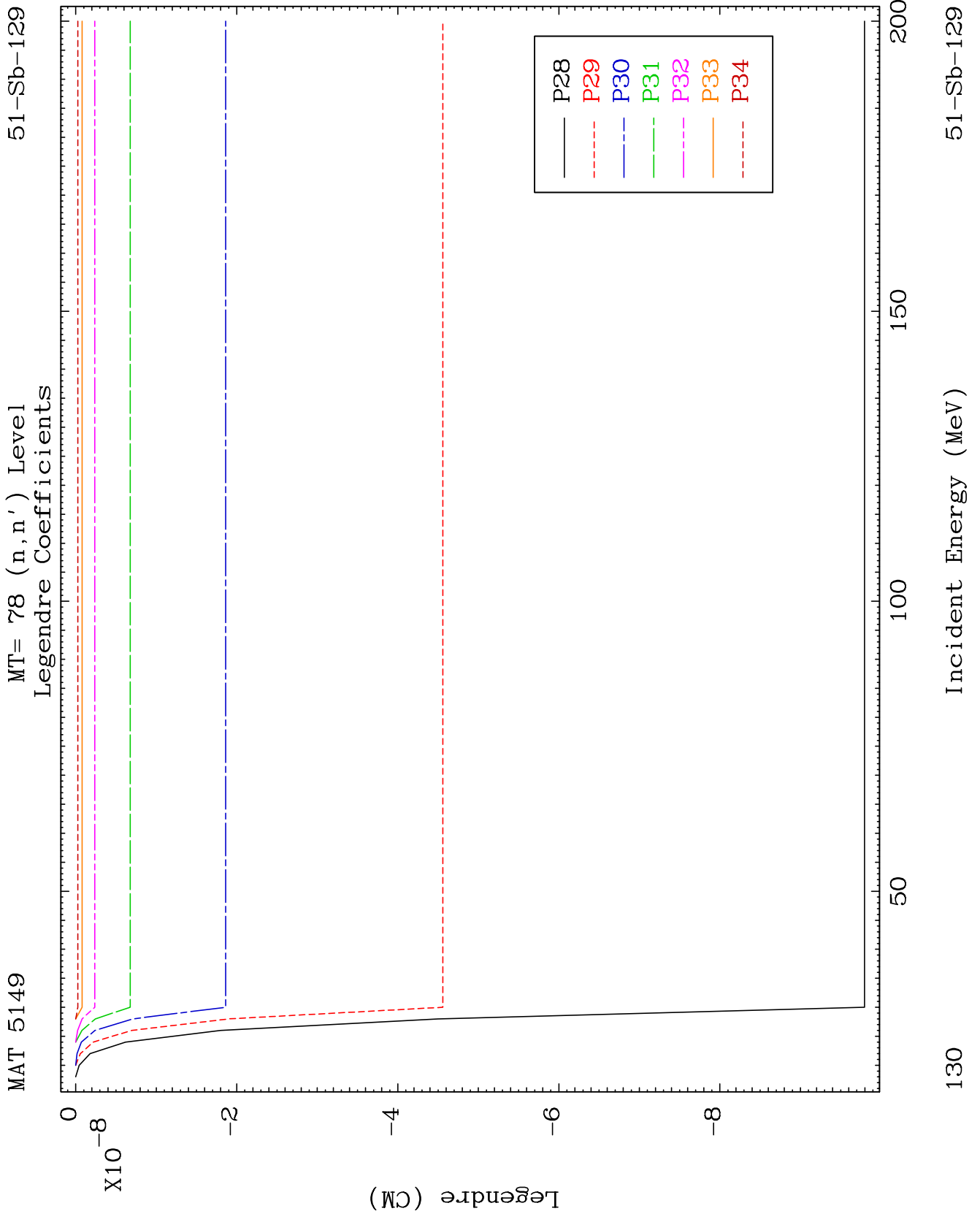
51-Sb-129

MAT 5149

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

51-Sb-129

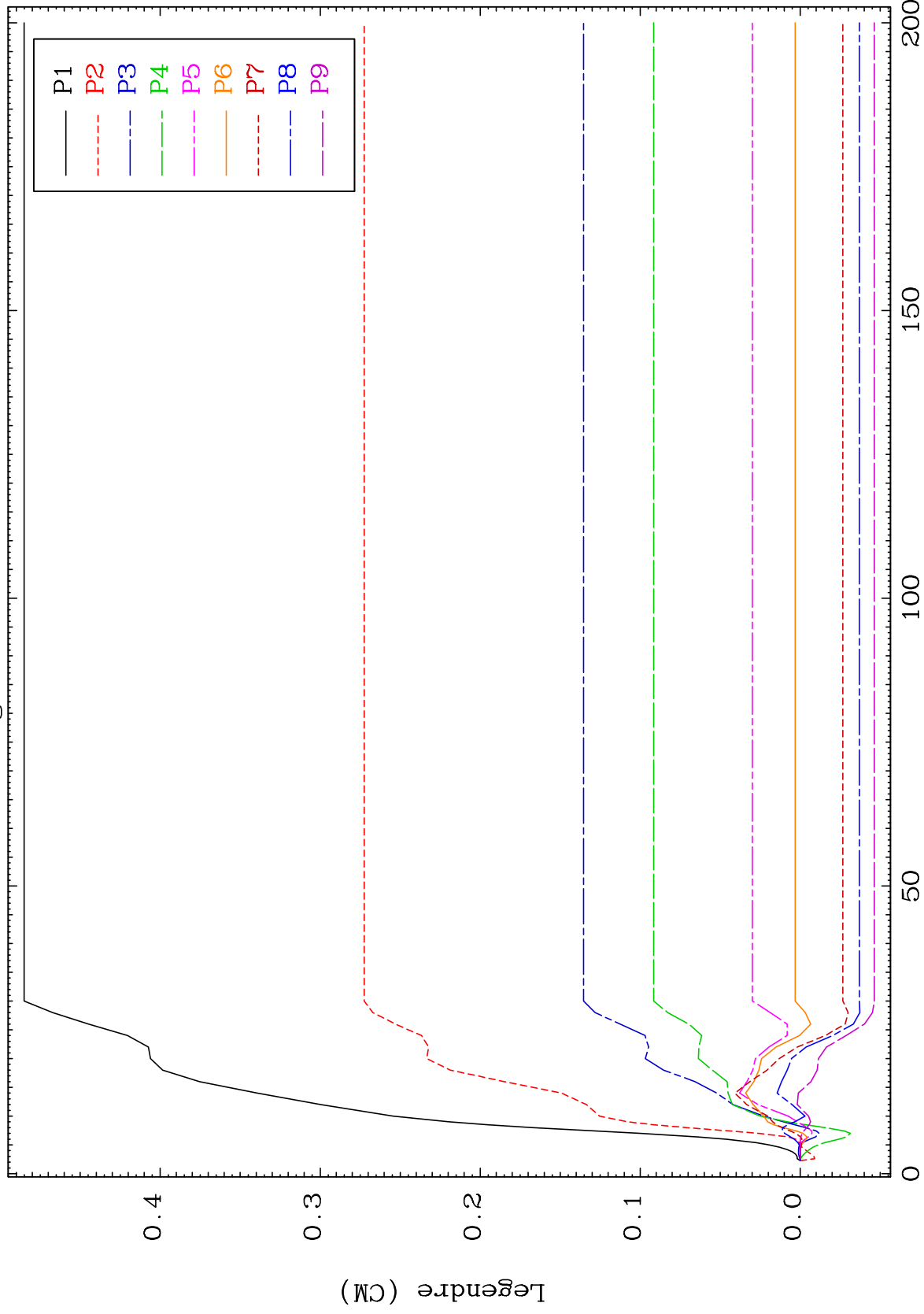




MAT 5149

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

51-Sb-129



131

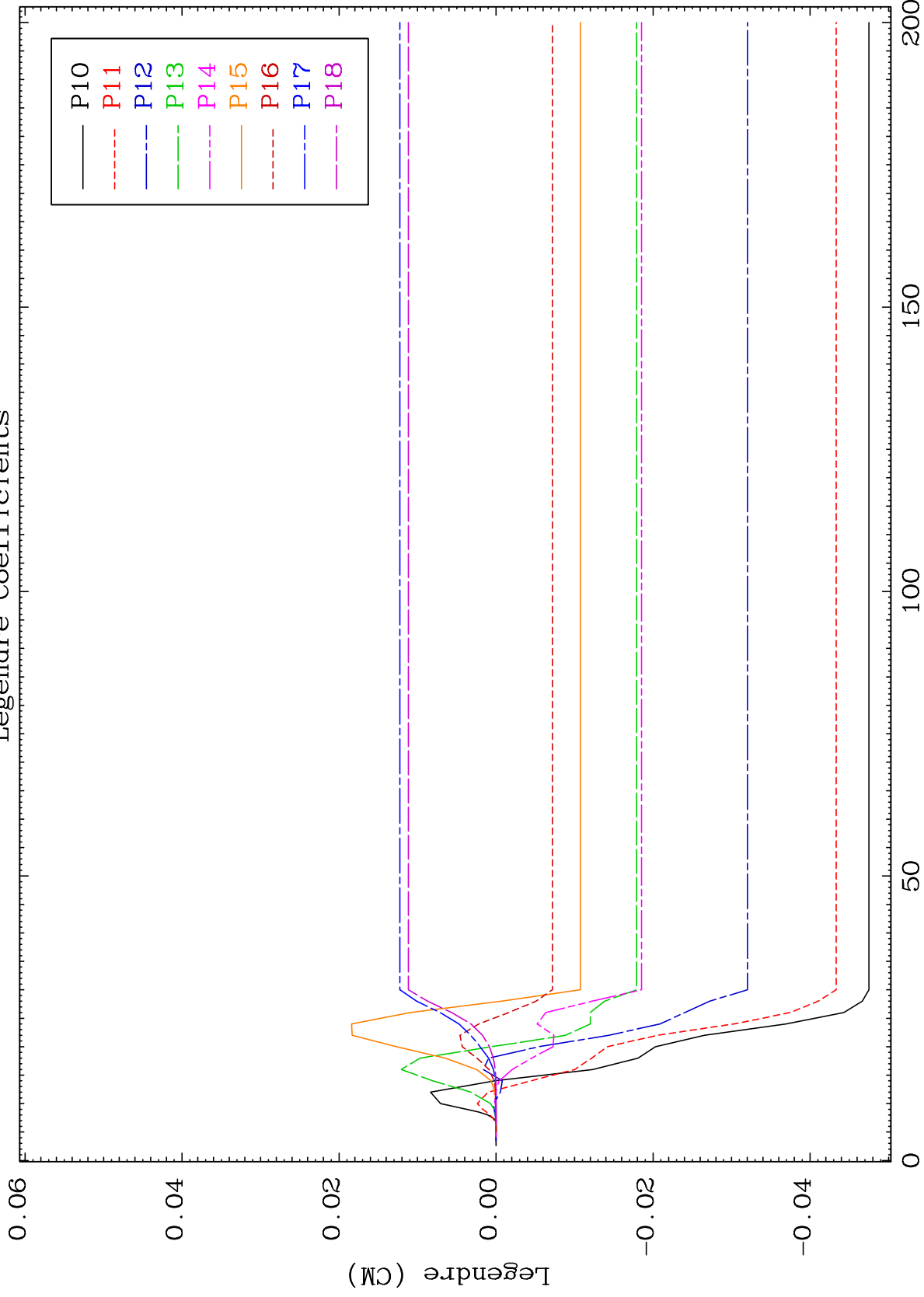
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



132

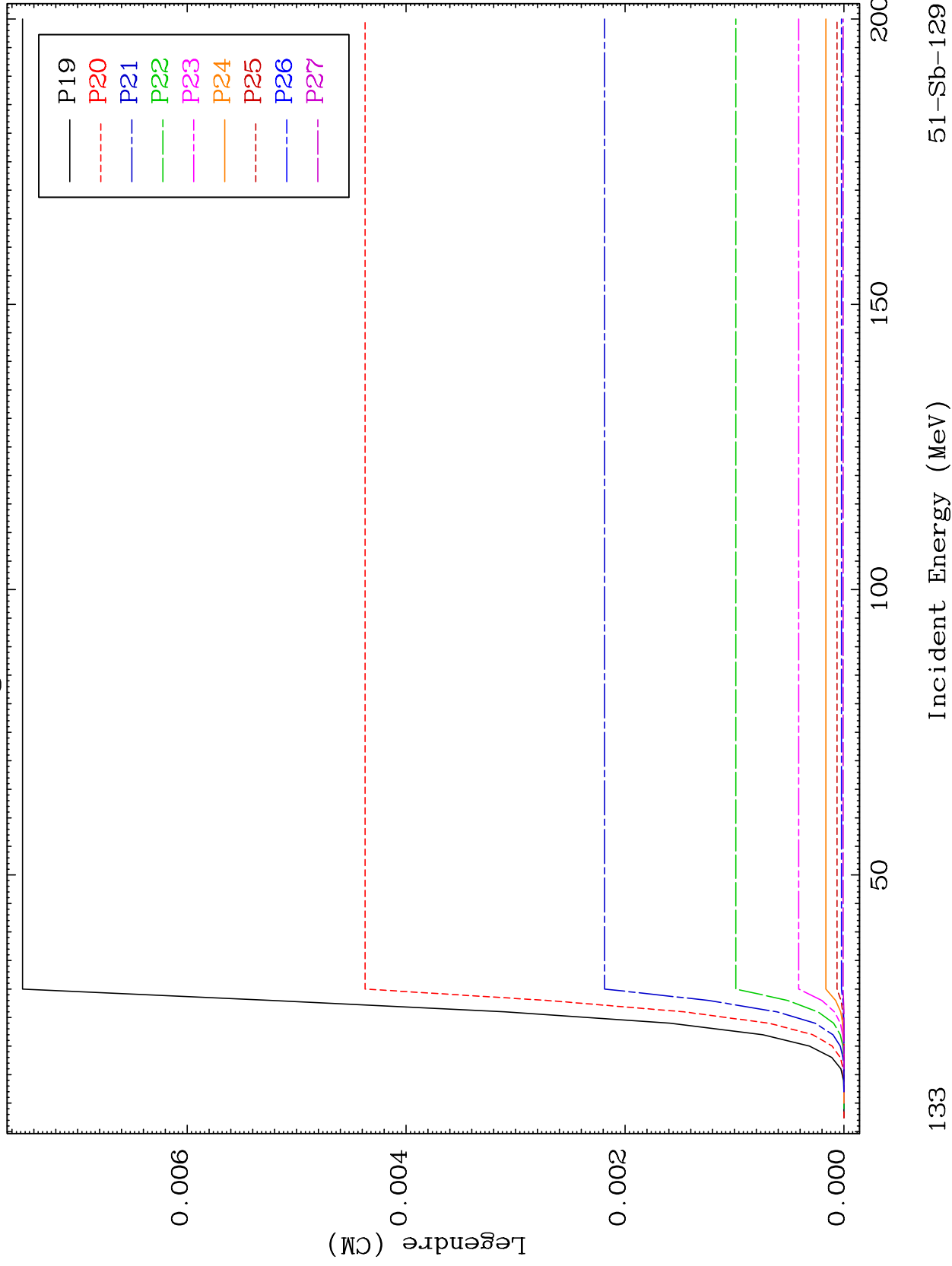
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

51-Sb-129



133

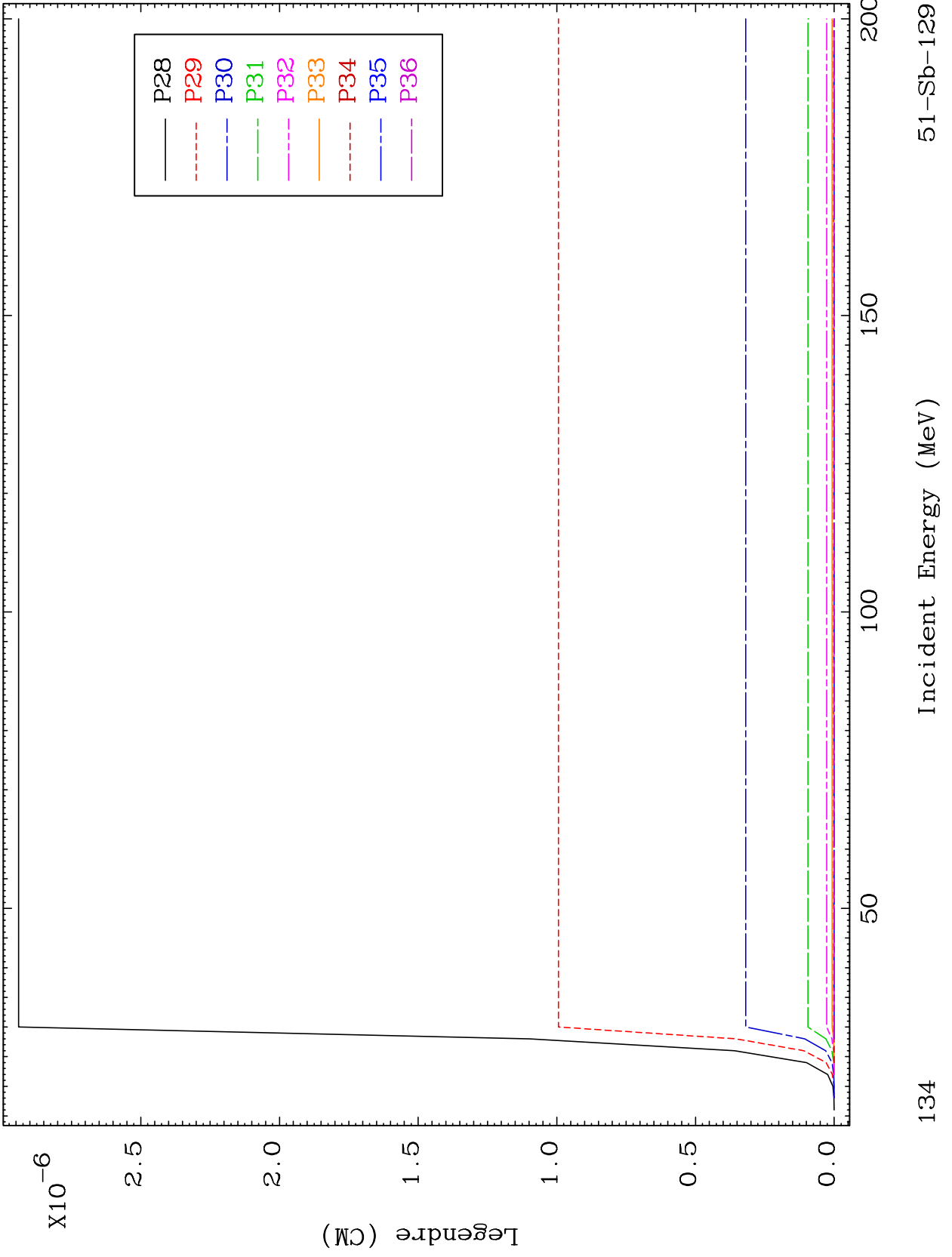
Incident Energy (MeV)

51-Sb-129

MAT 5149

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

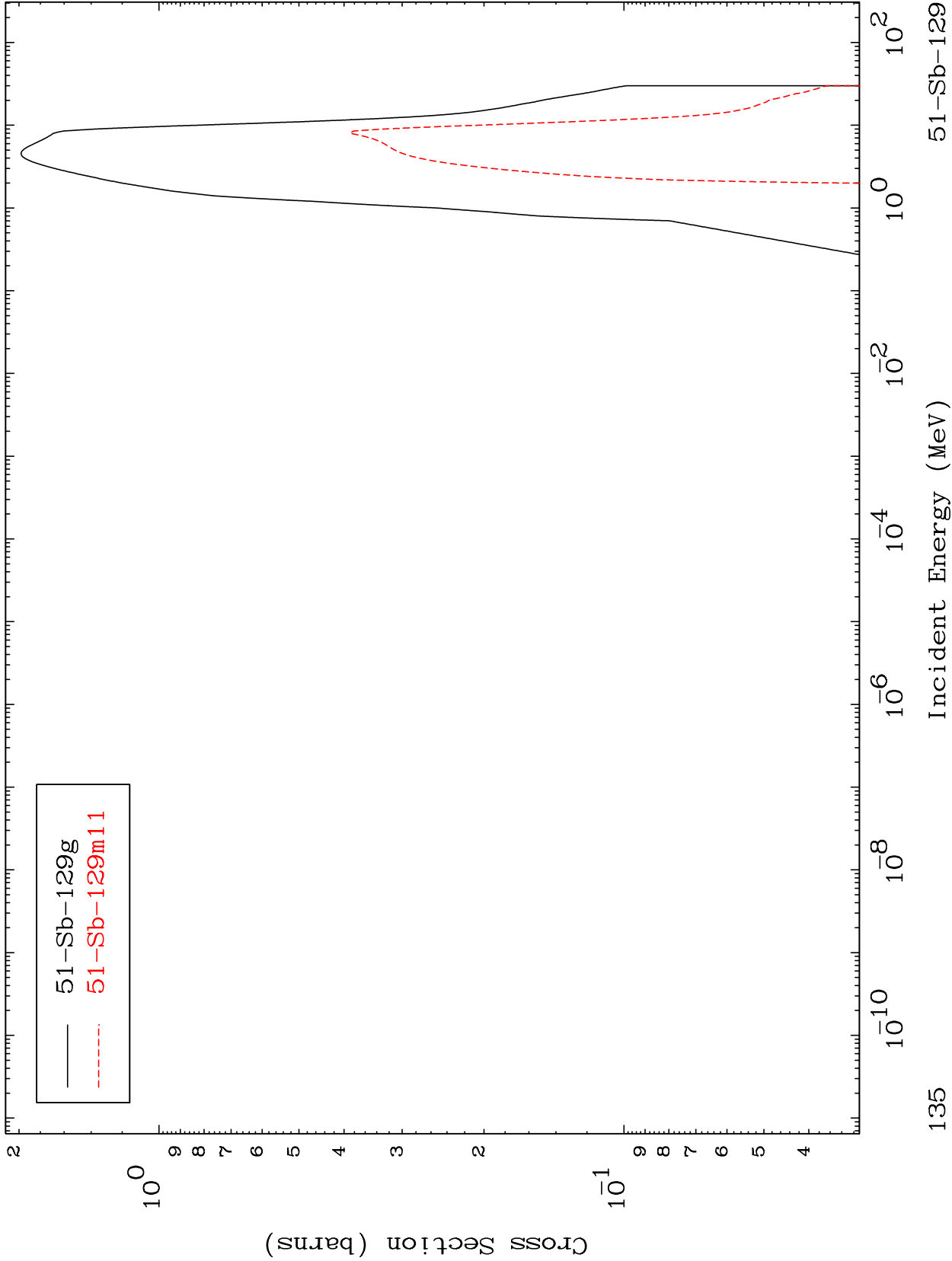
51-Sb-129



MAT 5149

Radionuclide Production Cross Section

51-Sb-129



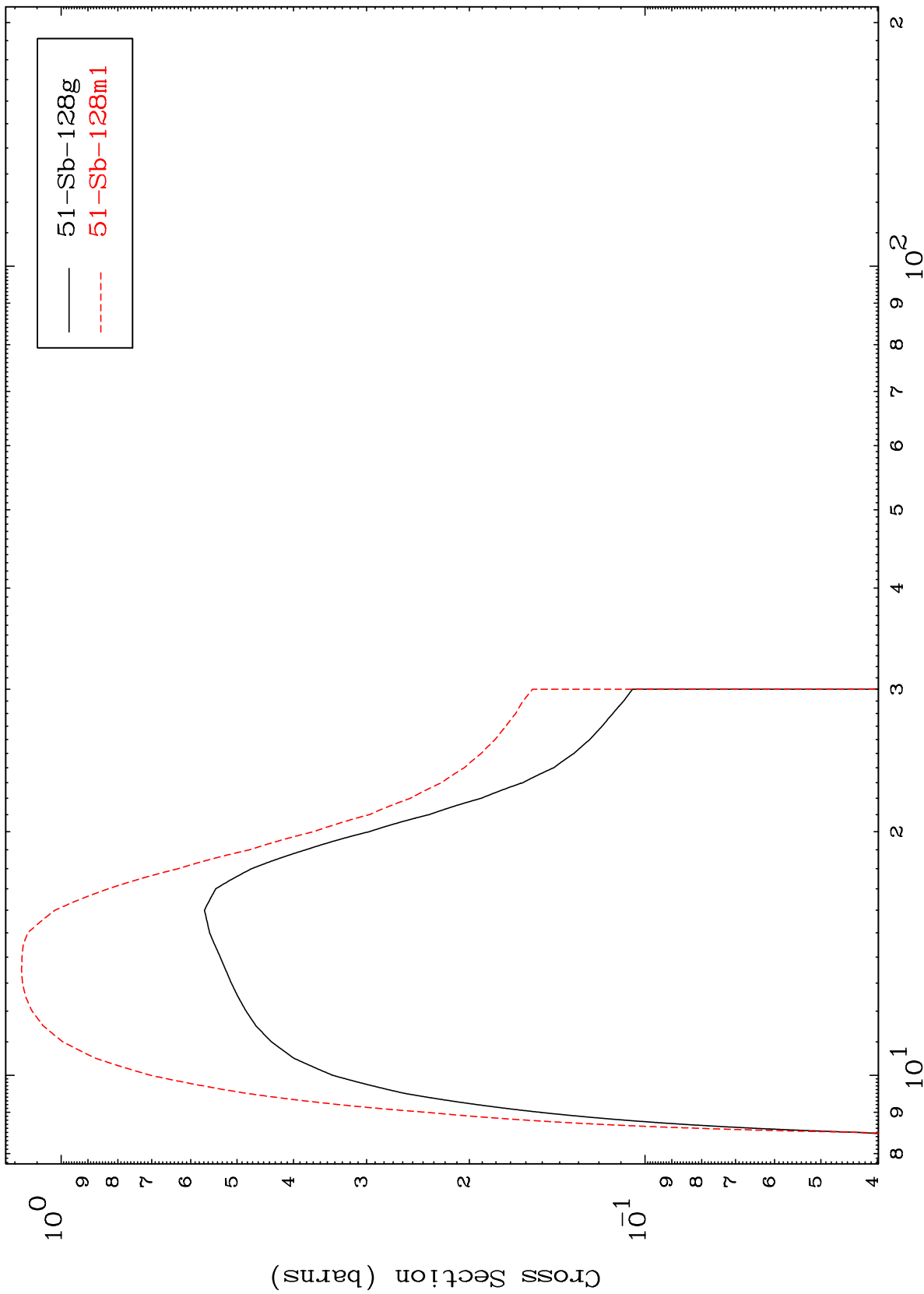
135

51-Sb-129

MAT 5149

51-Sb-129

(n,2n)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

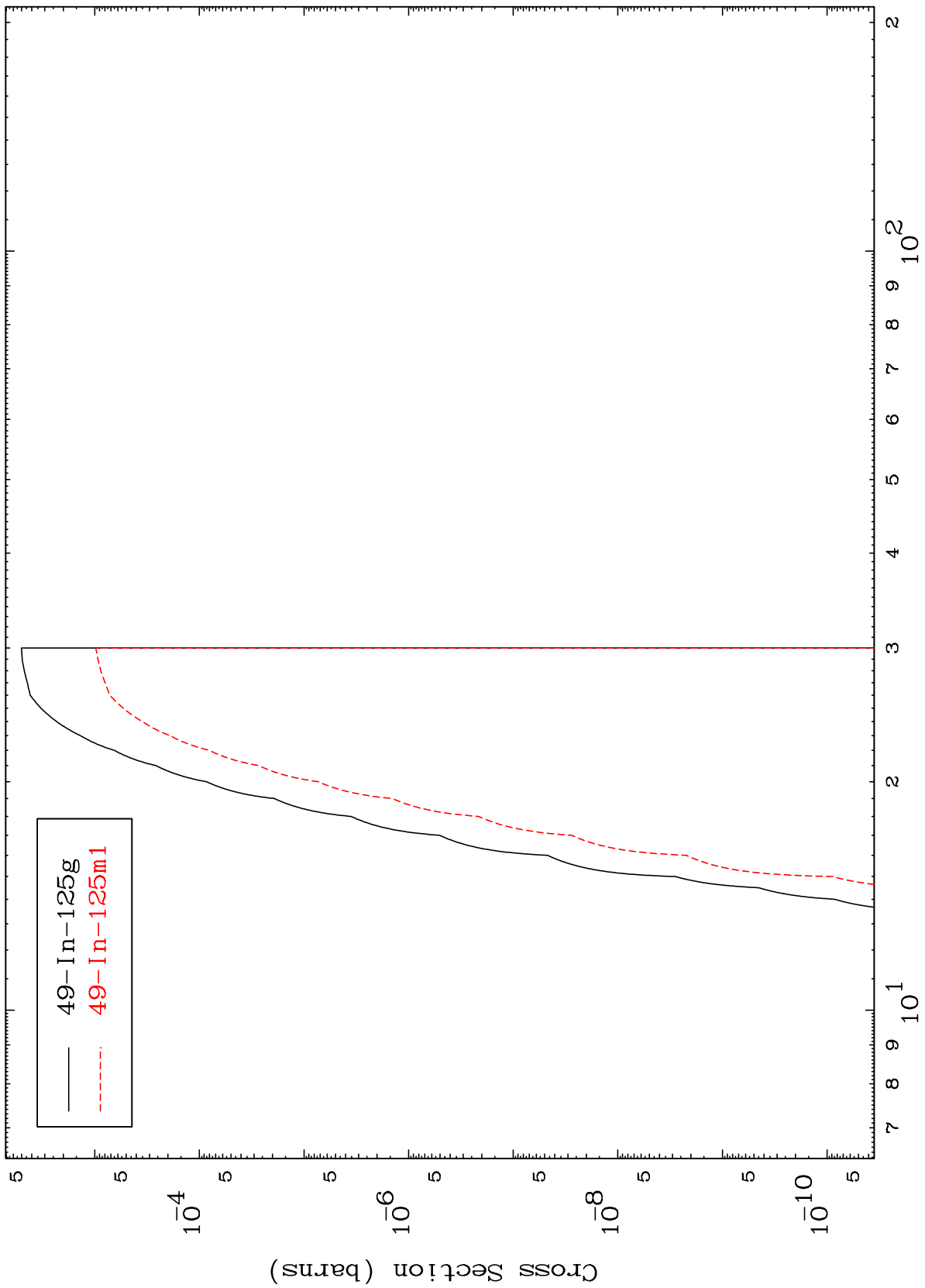
51-Sb-129

MAT 5149

51-Sb-129

(n,n') α

Radionuclide Production Cross Section



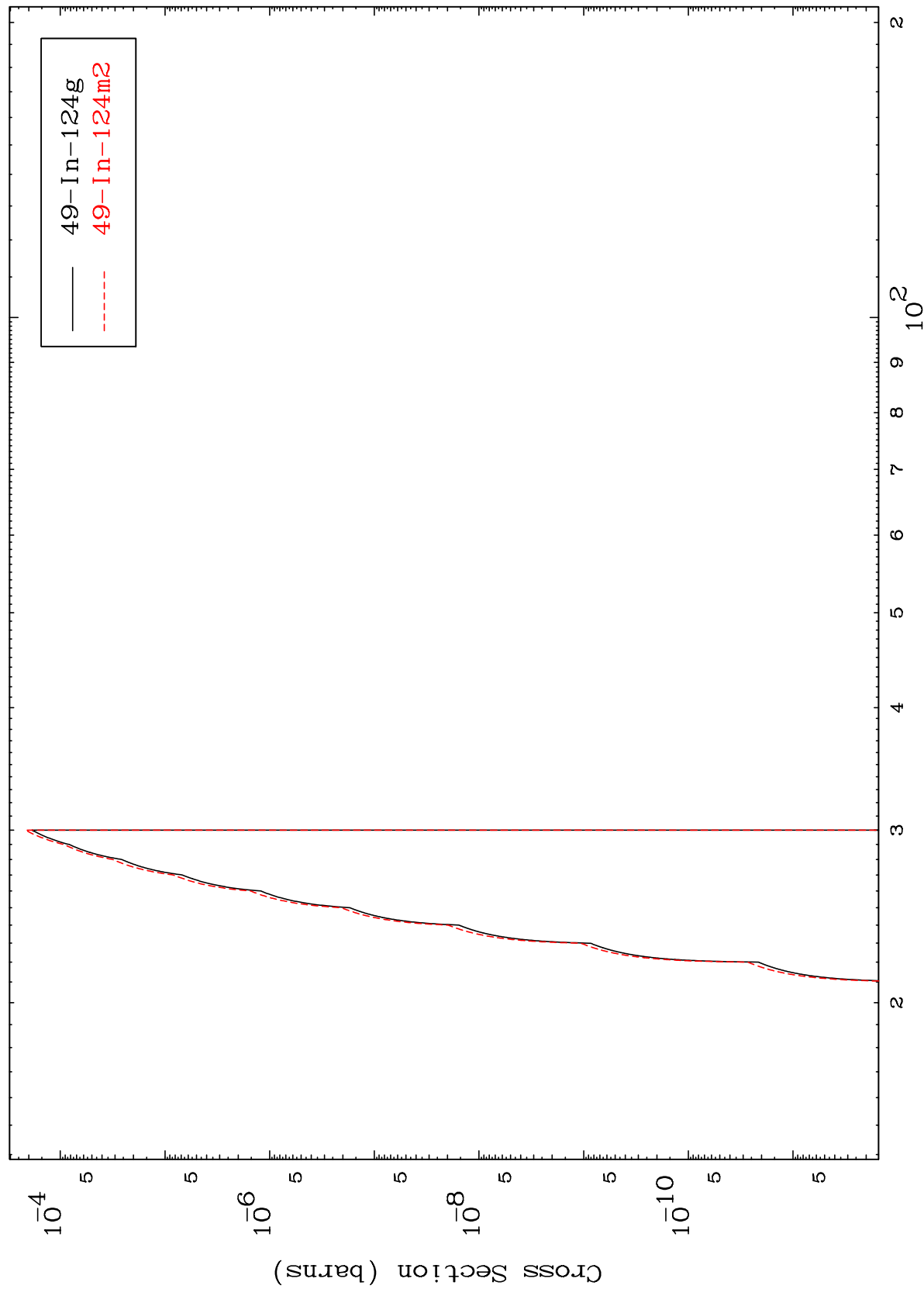
— 49-In-125g
- - - 49-In-125m1

137

Incident Energy (MeV)

51-Sb-129

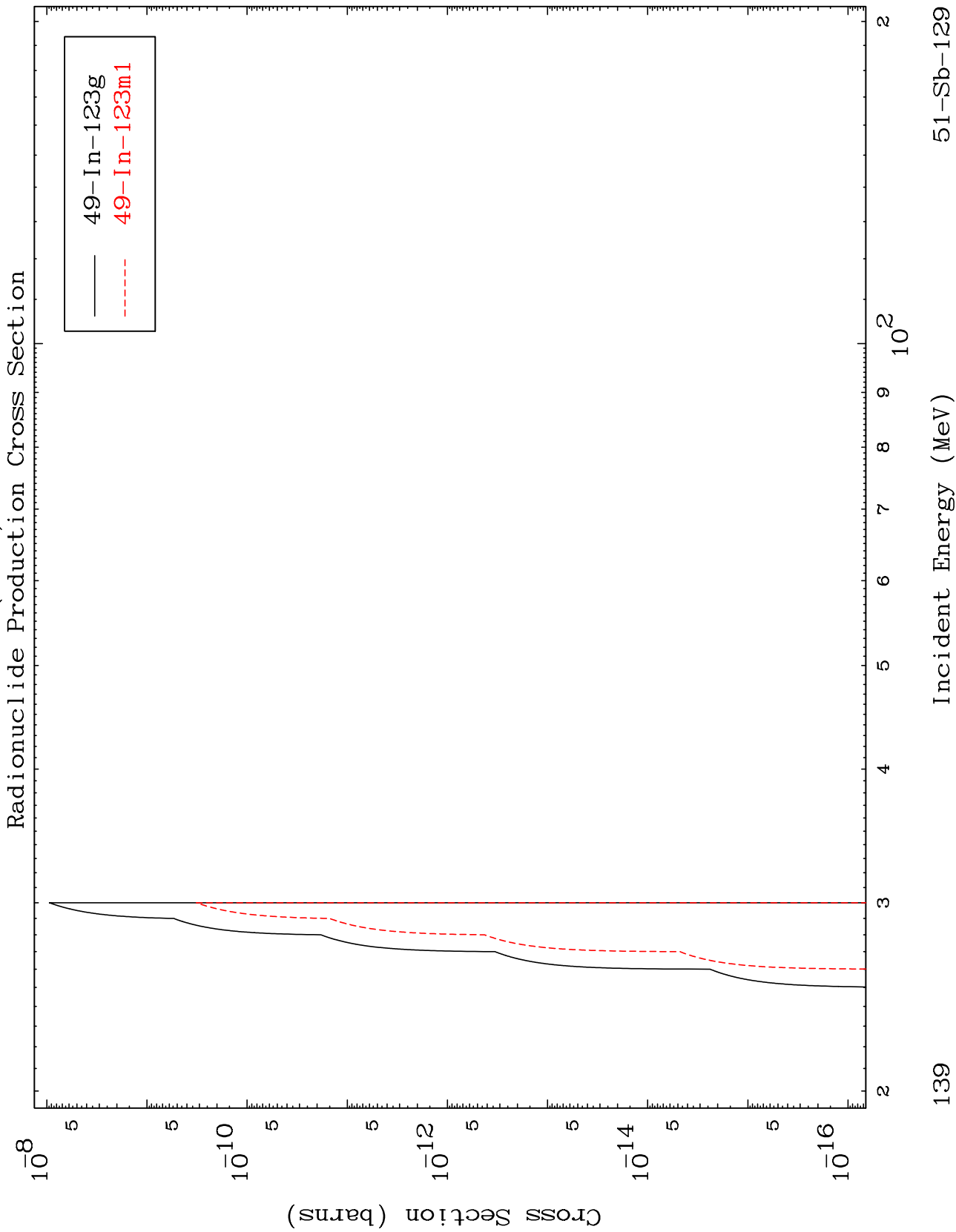
Radionuclide Production Cross Section



MAT 5149

(n,3n) α

51-Sb-129



139

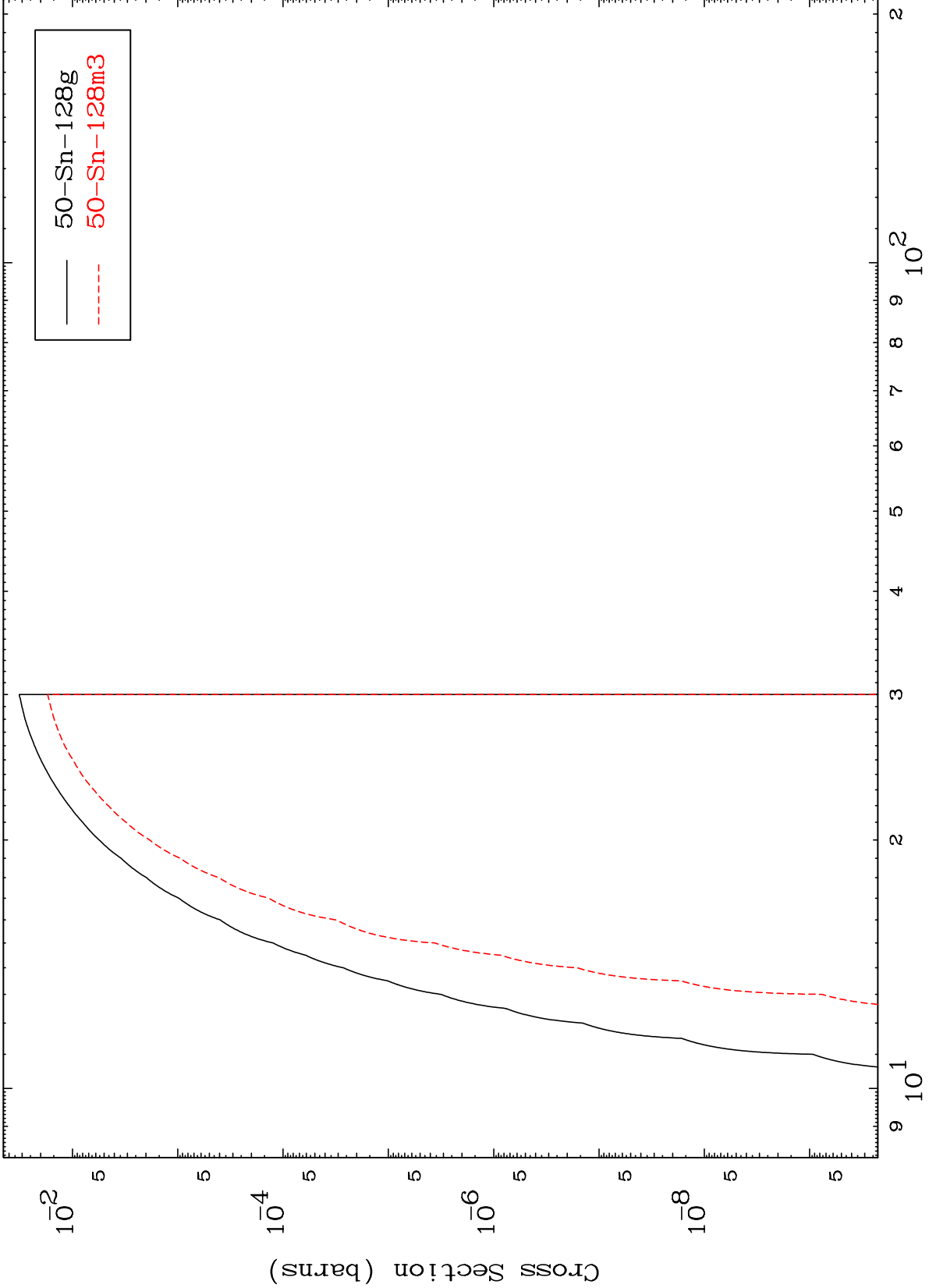
51-Sb-129

MAT 5149

(n,n') p

51-Sb-129

Radionuclide Production Cross Section



140

Incident Energy (MeV)

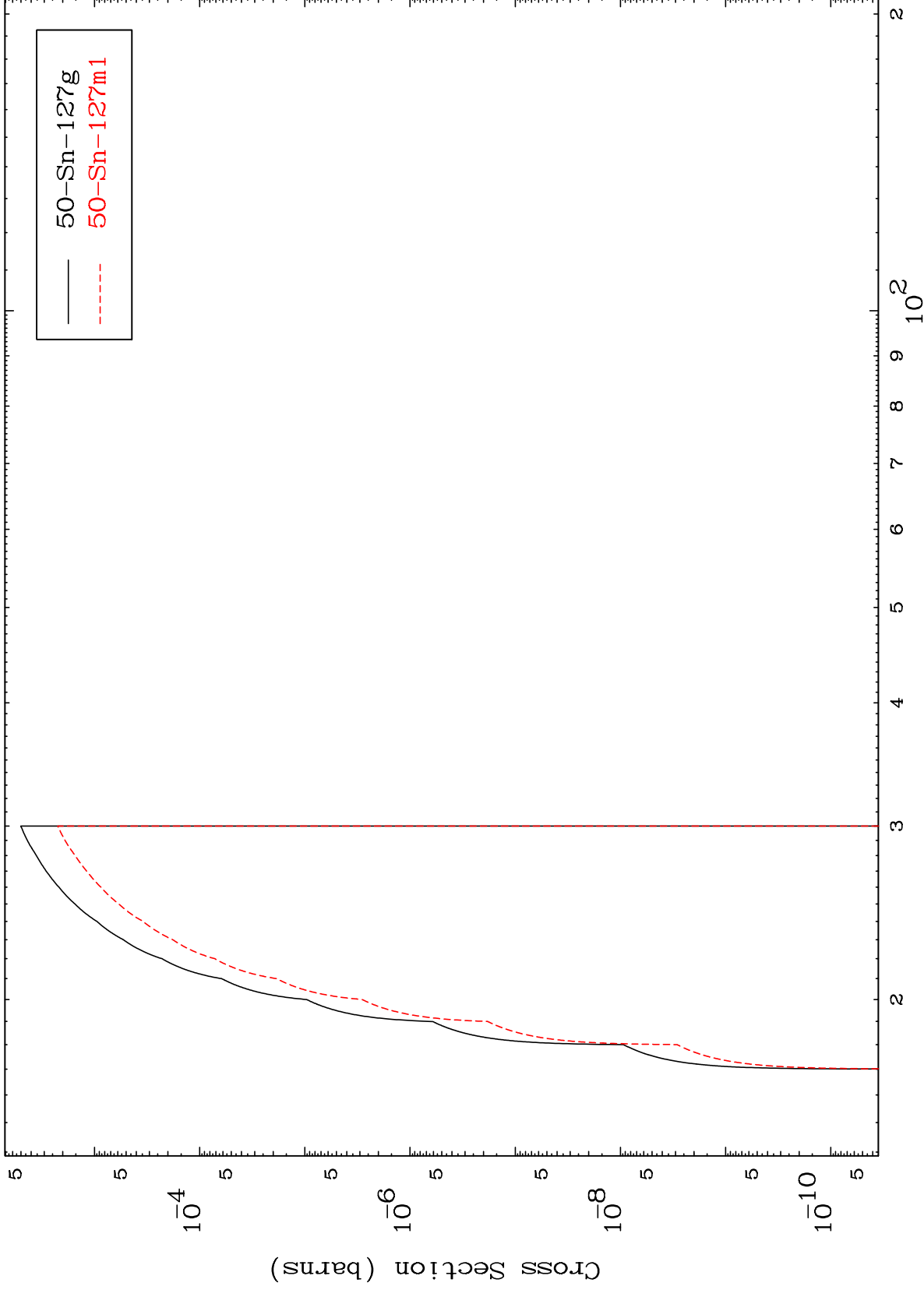
51-Sb-129

MAT 5149

(n,n') d

51-Sb-129

Radionuclide Production Cross Section

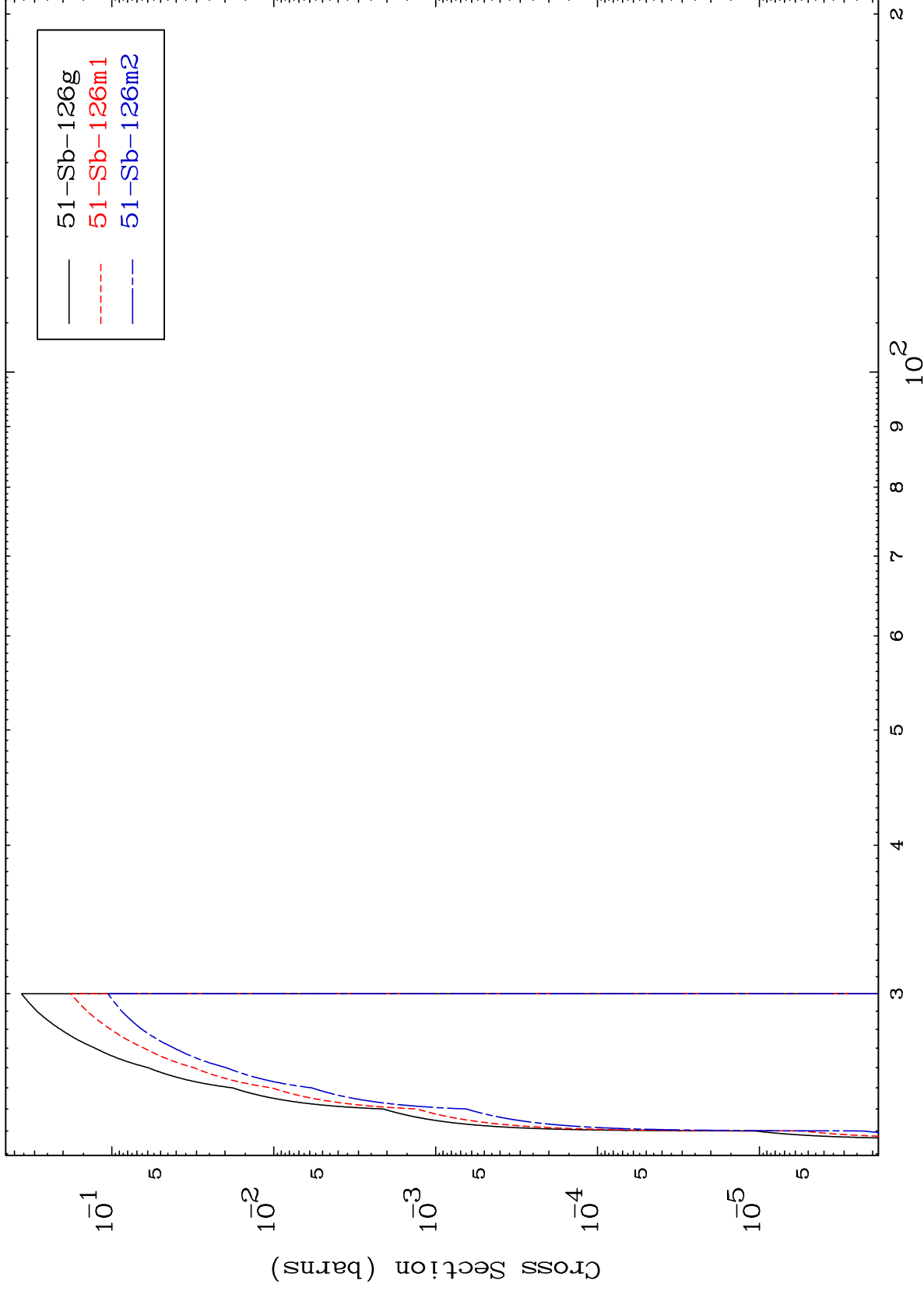


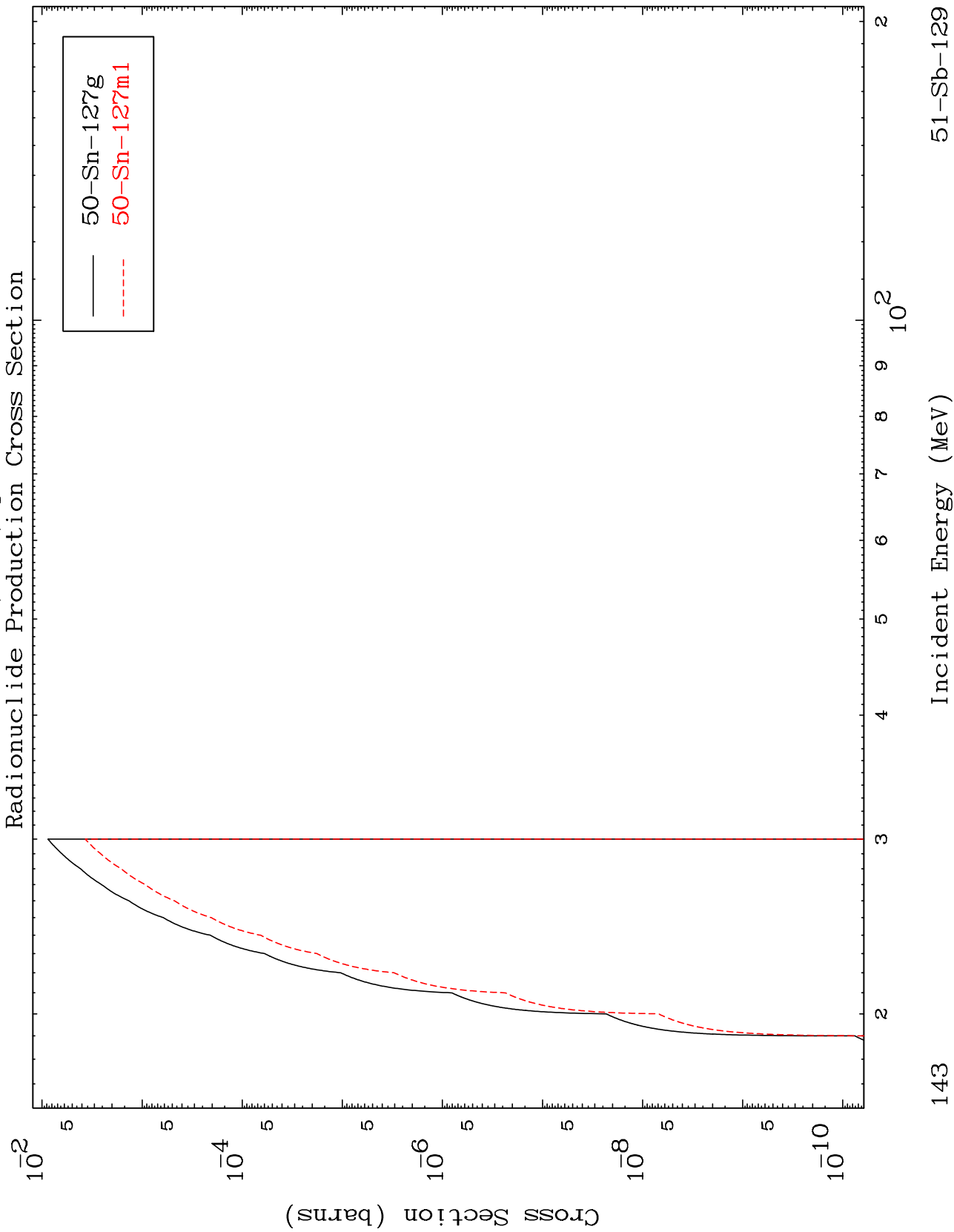
141

Incident Energy (MeV)

51-Sb-129

Radionuclide Production Cross Section

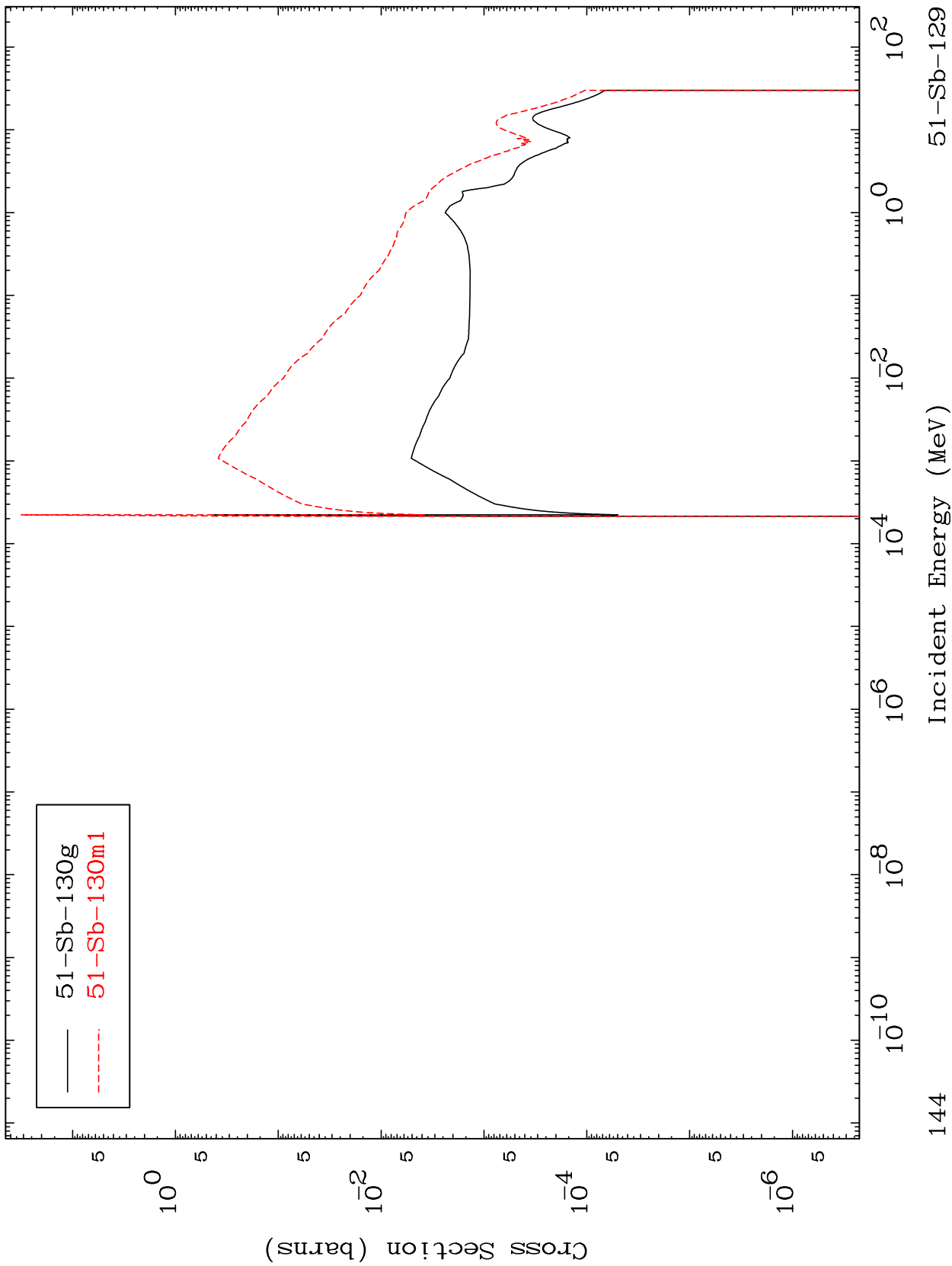




MAT 5149

51-Sb-129

Radionuclide Production Cross Section (n,γ)

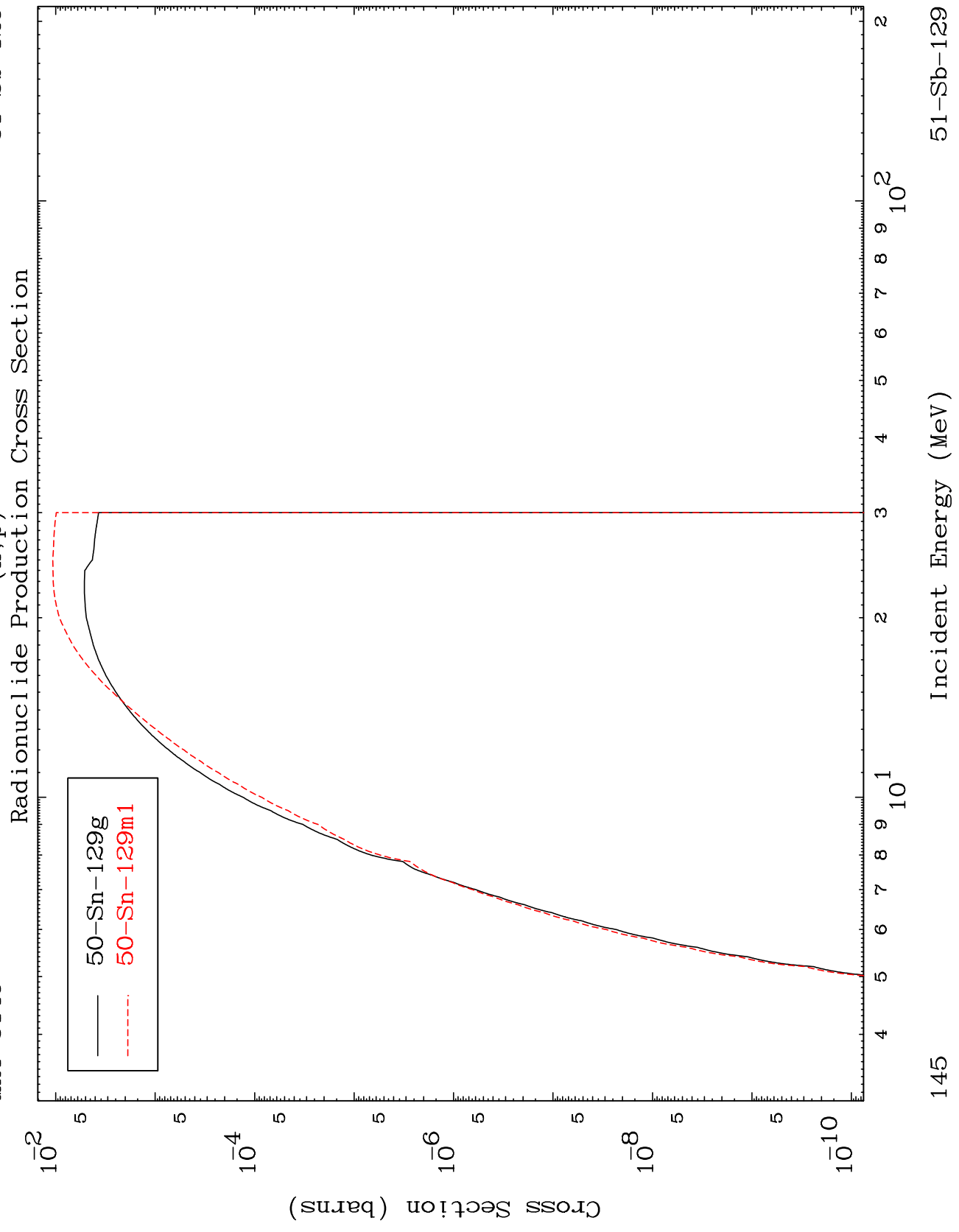


144

51-Sb-129

MAT 5149

51-Sb-129



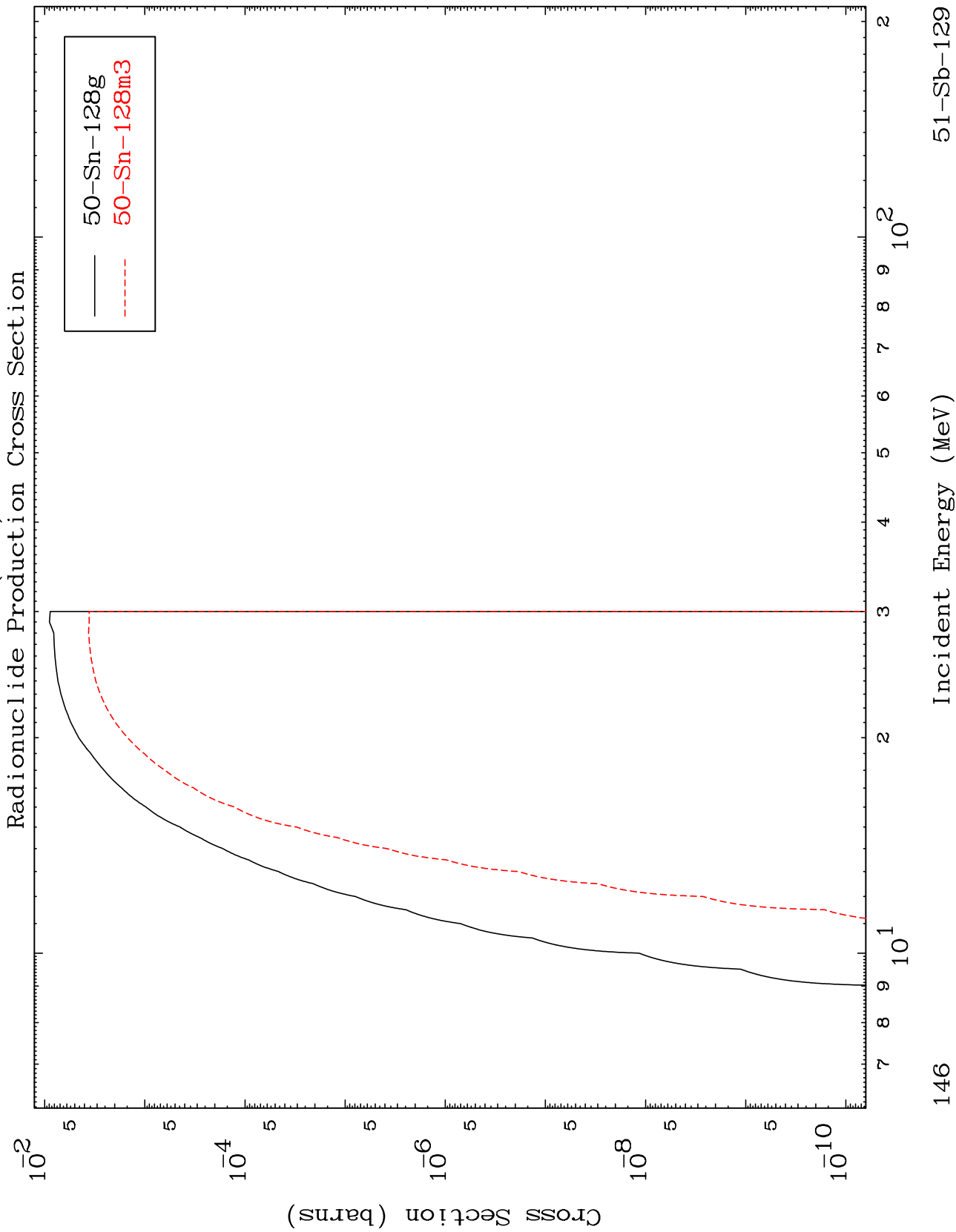
145

51-Sb-129

MAT 5149

(n,d)

51-Sb-129



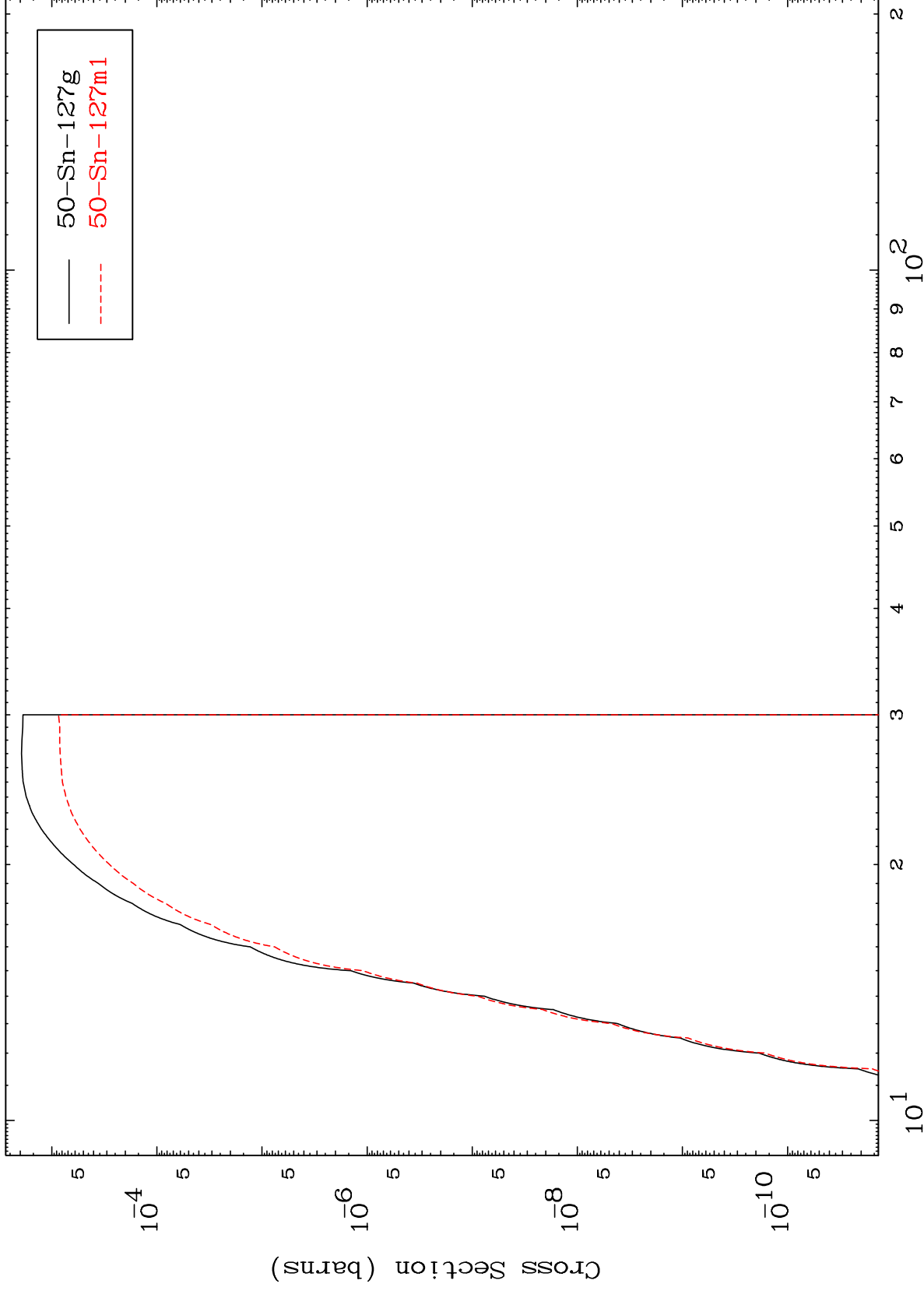
146

51-Sb-129

MAT 5149

51-Sb-129

(n,t)
Radionuclide Production Cross Section



51-Sb-129

Incident Energy (MeV)

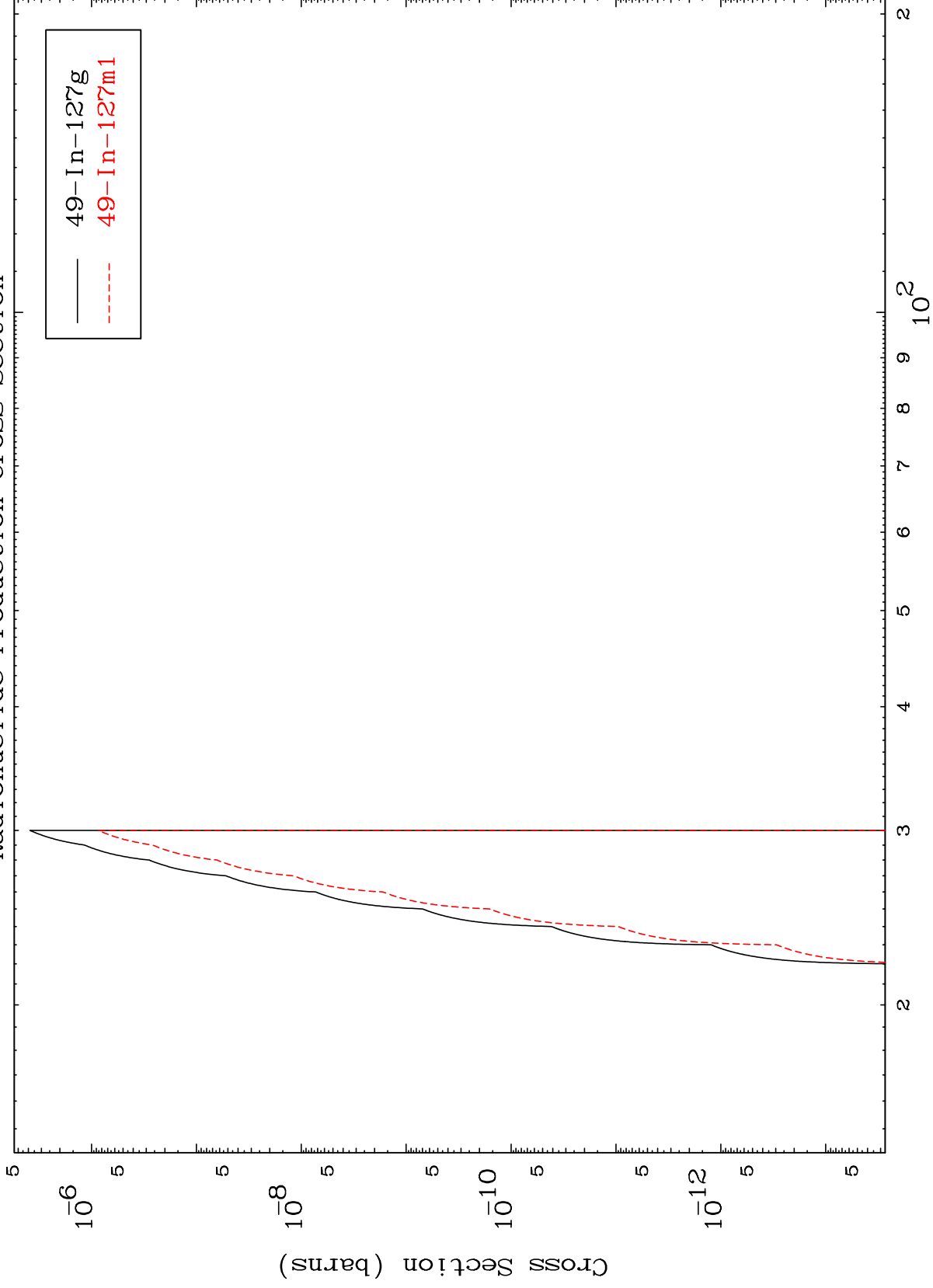
147

MAT 5149

(n,He-3)

51-Sb-129

Radionuclide Production Cross Section



148

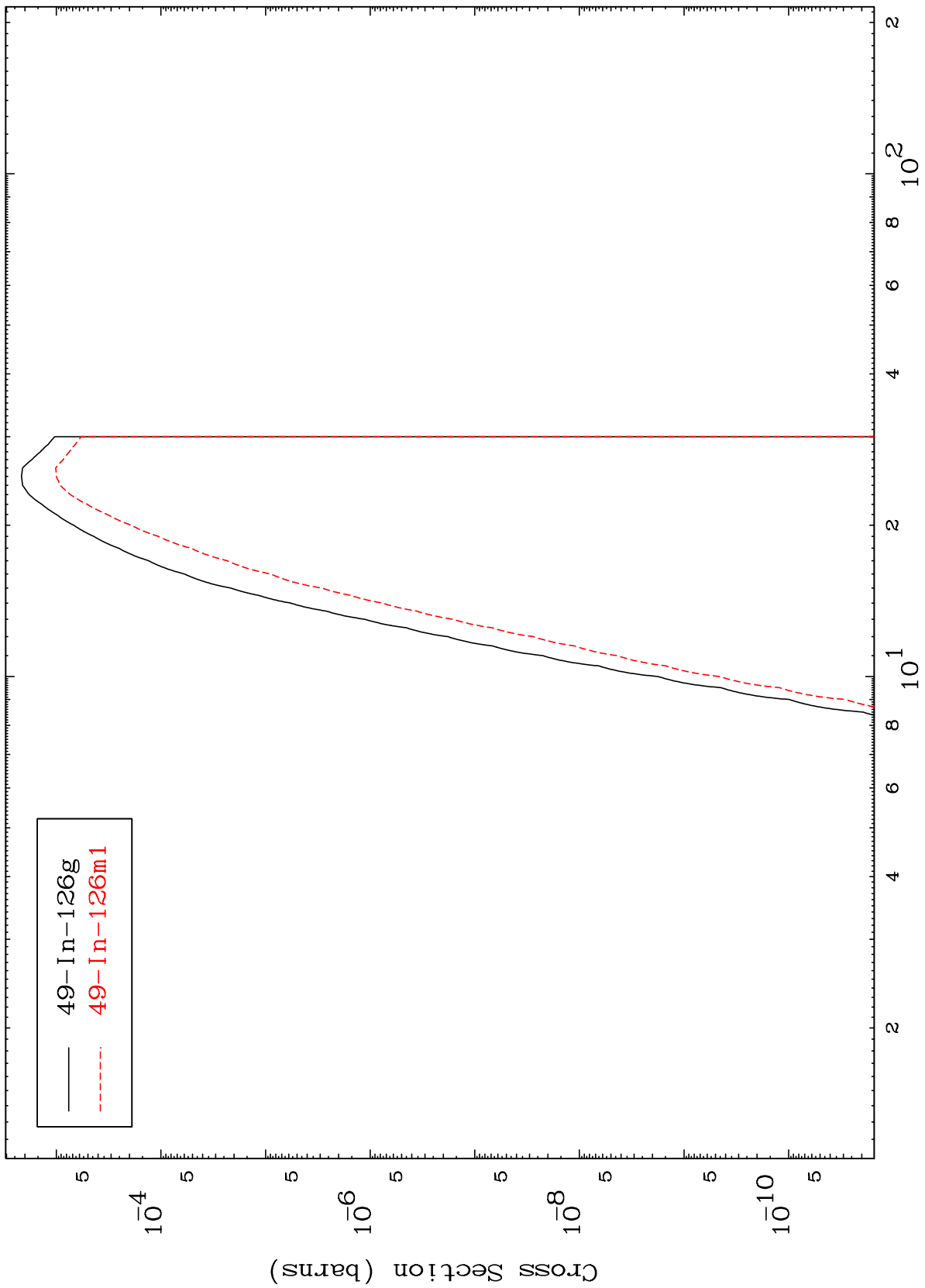
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

Radionuclide Production Cross Section



149

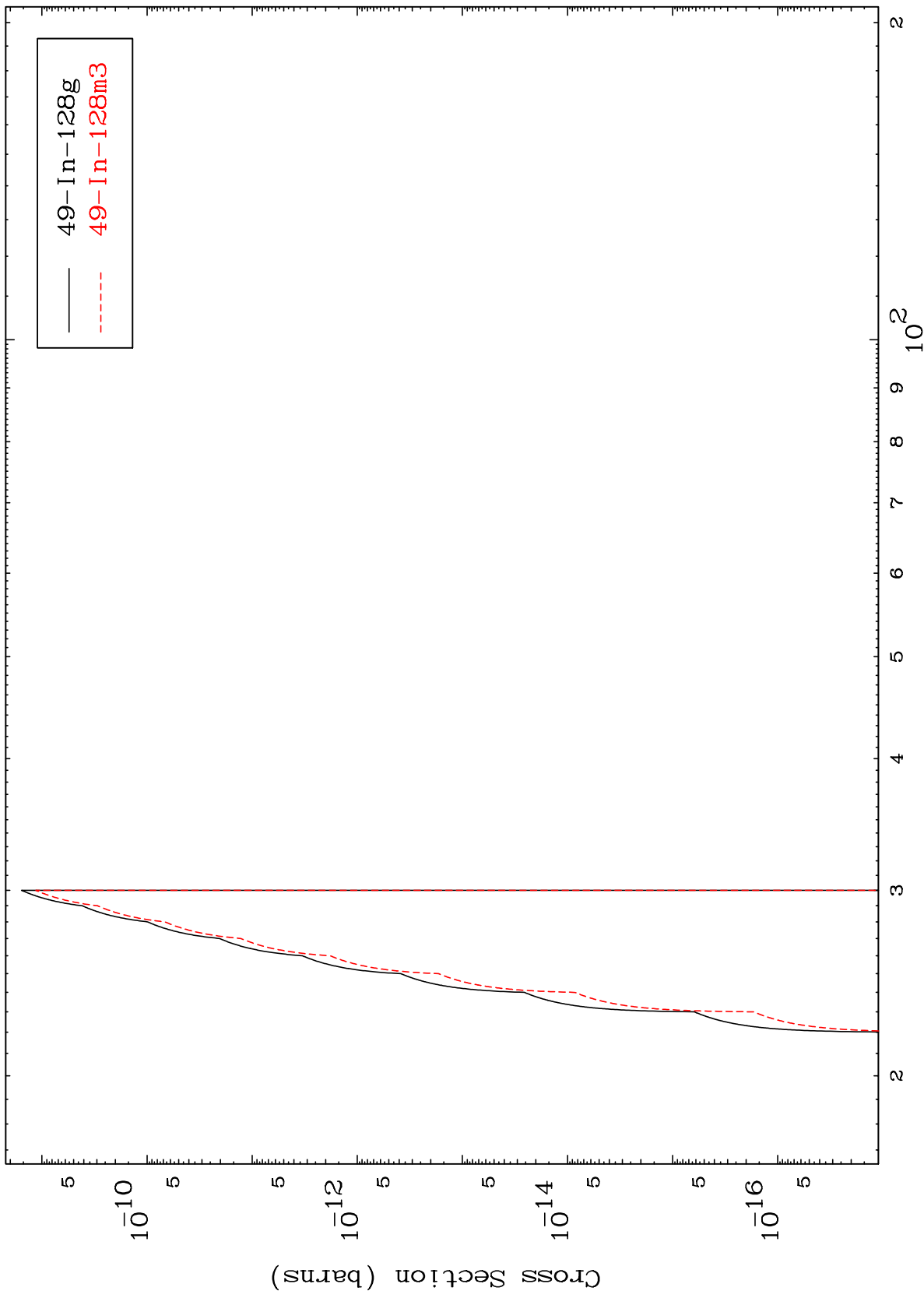
Incident Energy (MeV)

51-Sb-129

MAT 5149

51-Sb-129

(n,2p)
Radionuclide Production Cross Section



150

Incident Energy (MeV)

51-Sb-129