

Program EVALPLOT
(Version 2017-1)

by

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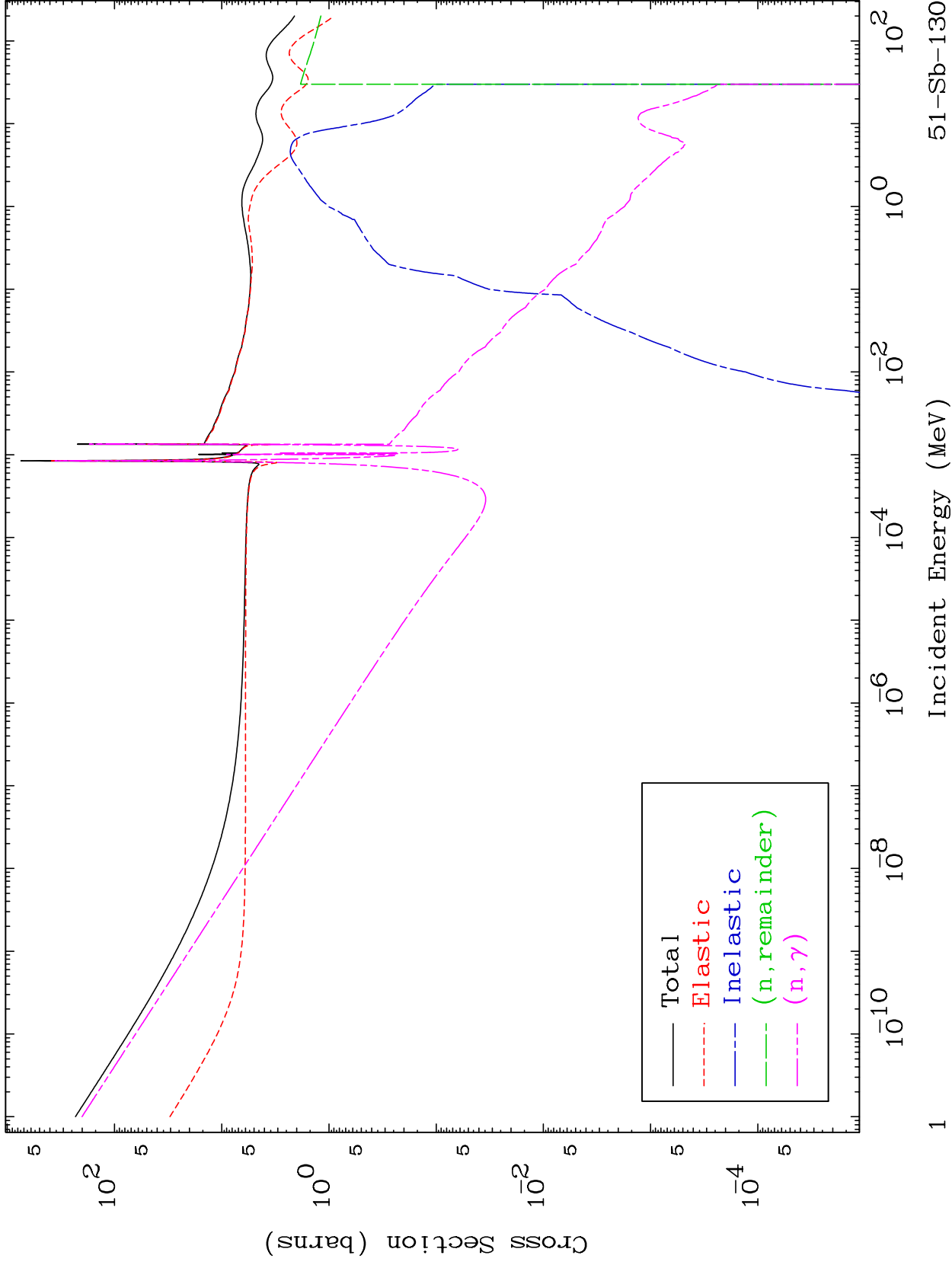
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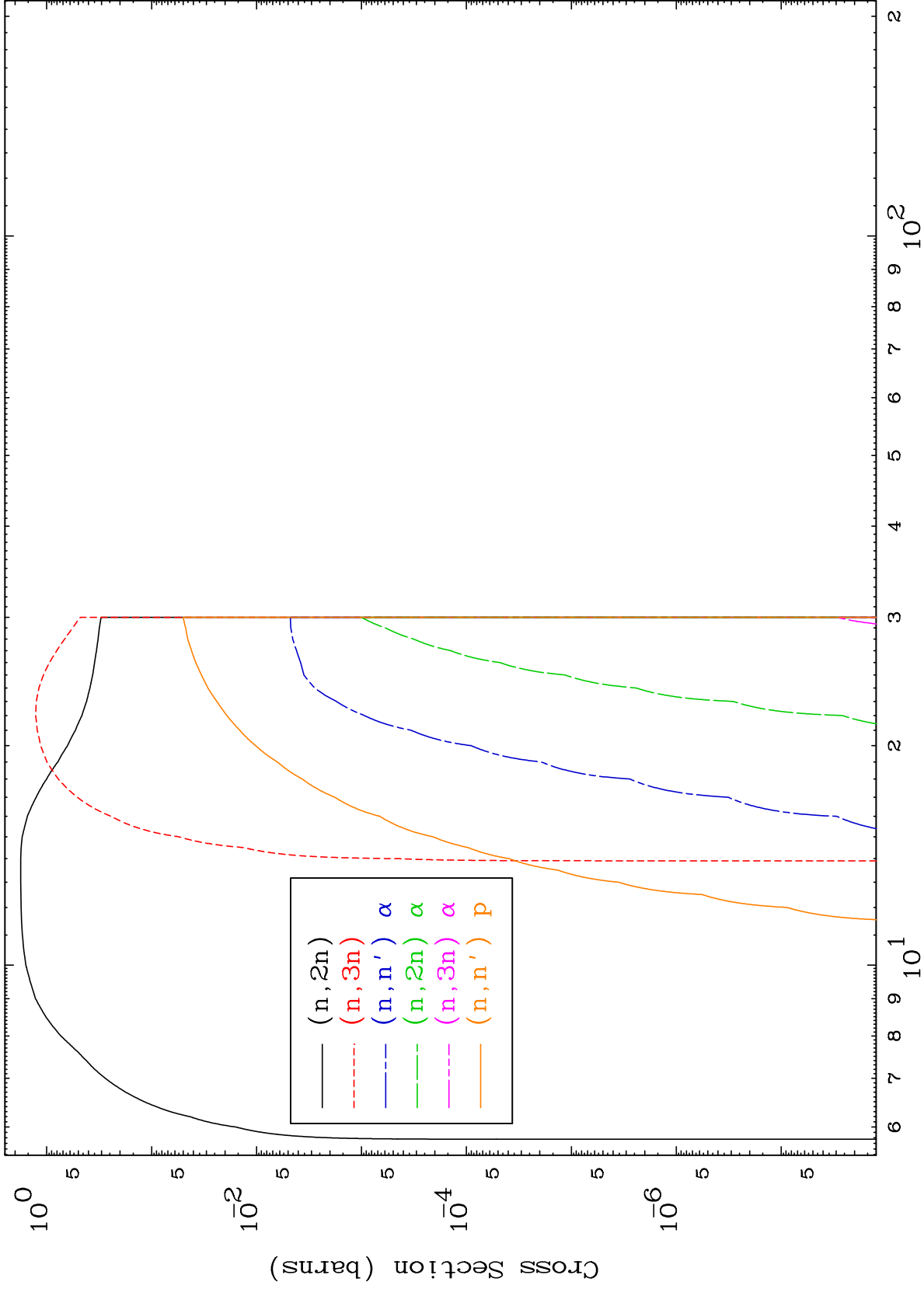
Press Mouse Button to Start

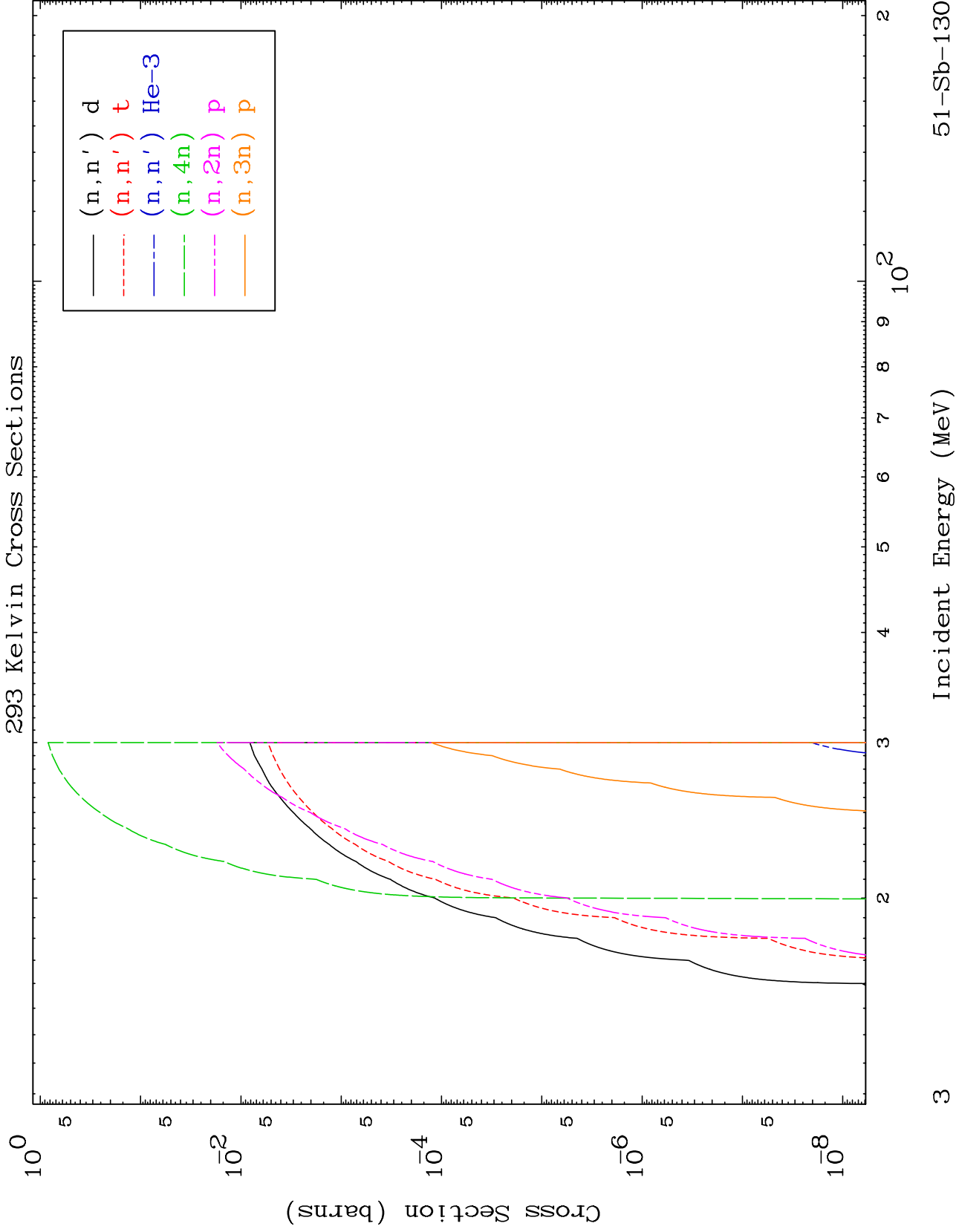
MAT 5152

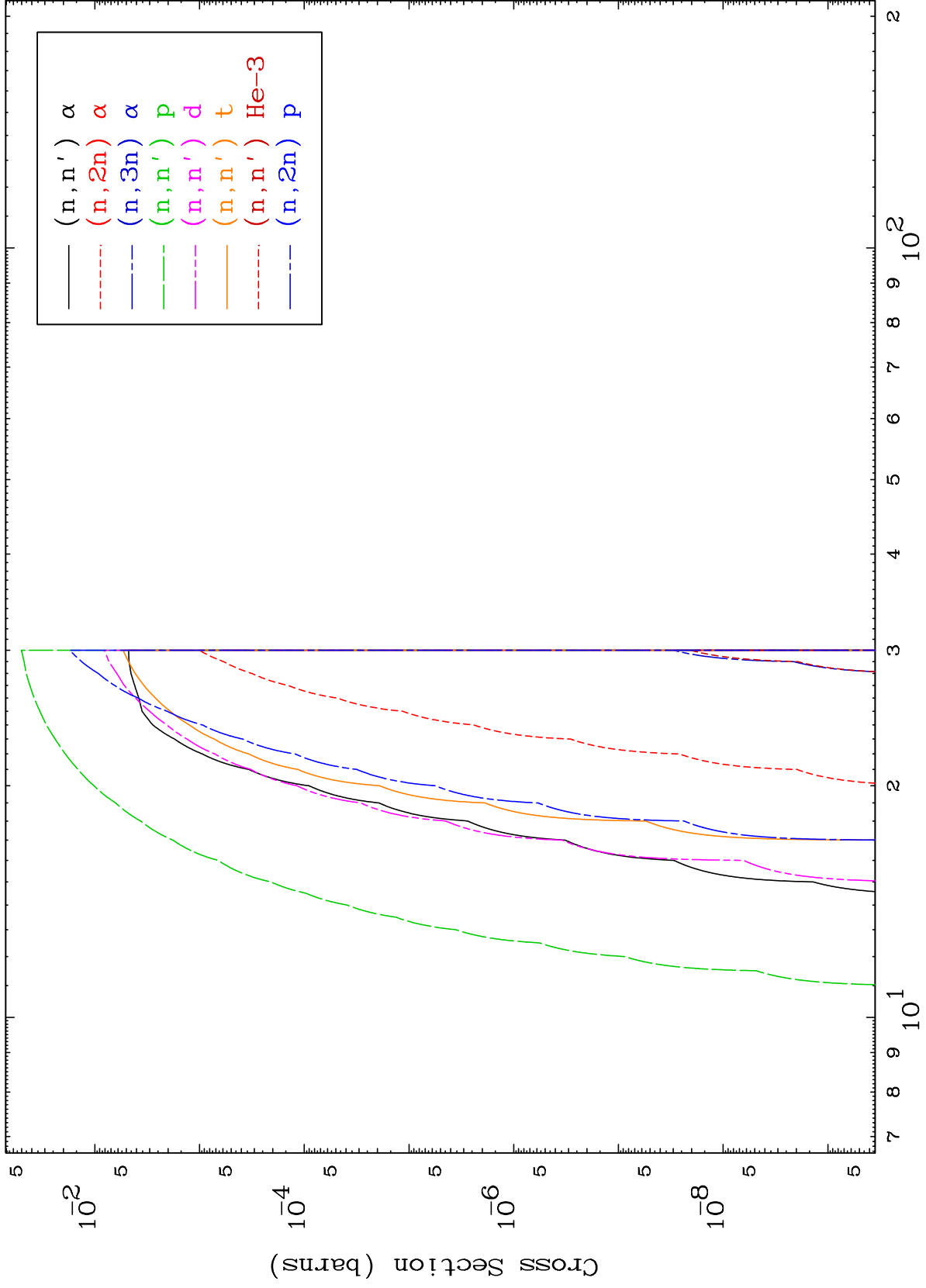
Major
293 Kelvin Cross Sections

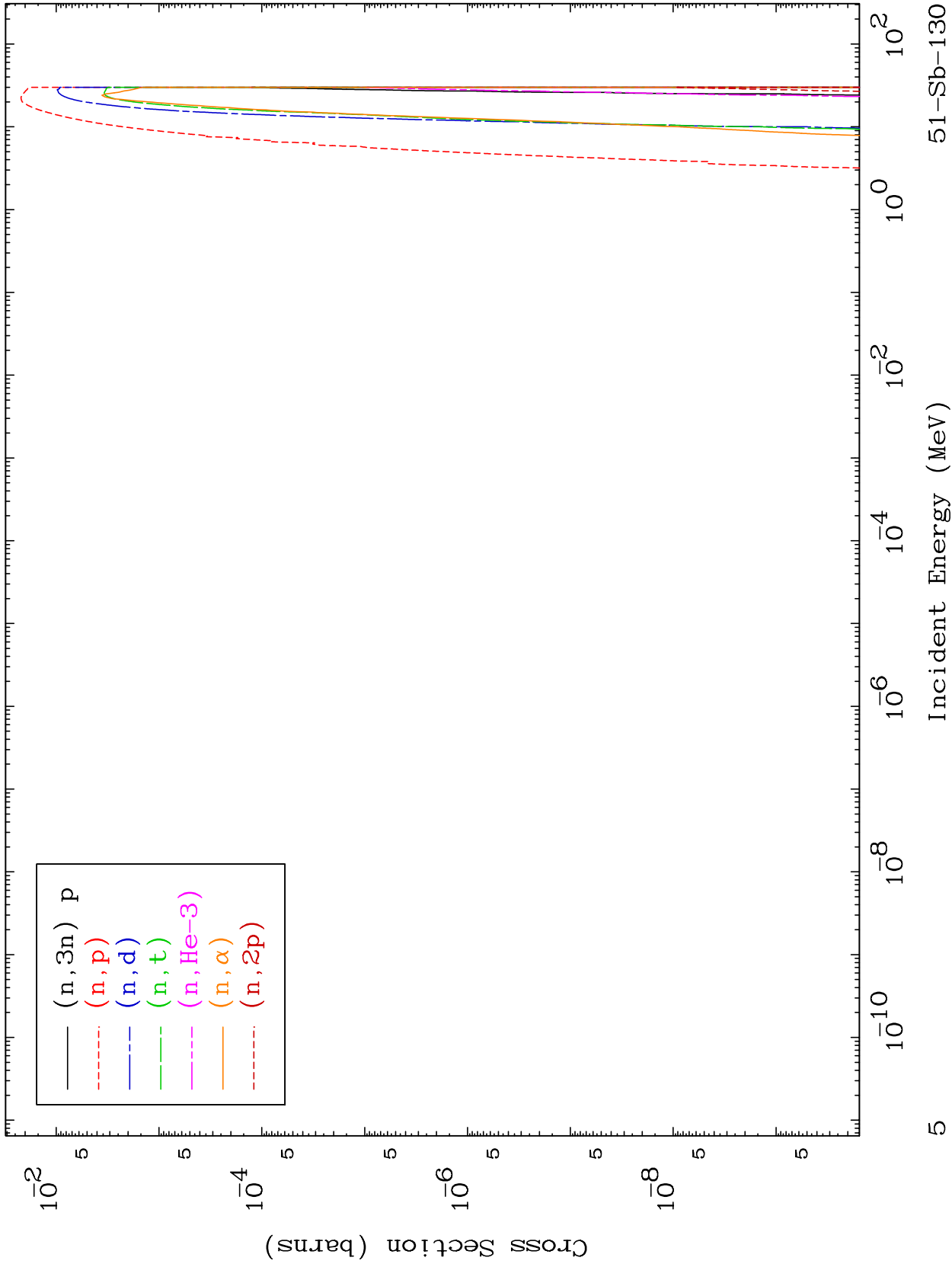
51-Sb-130

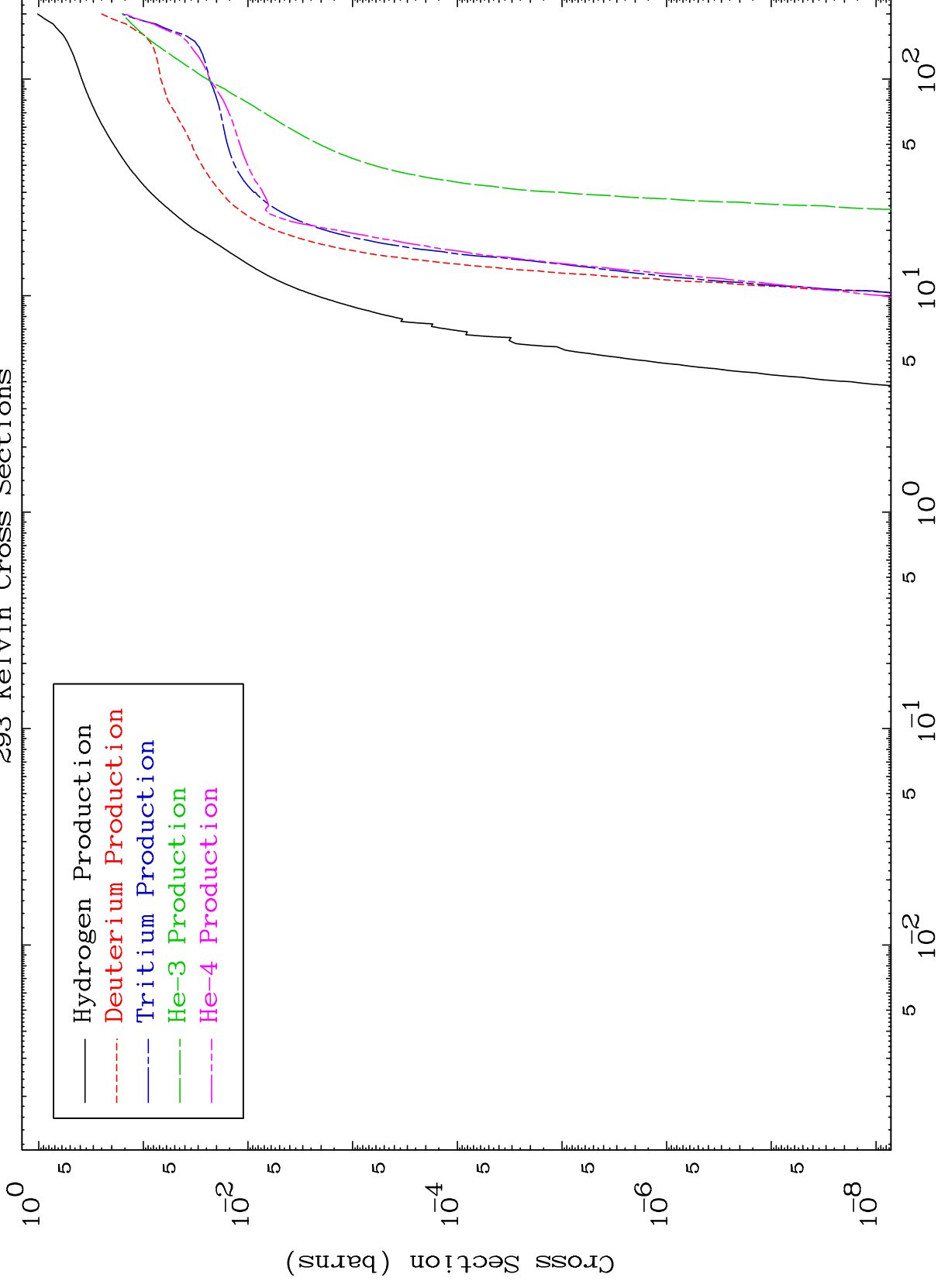








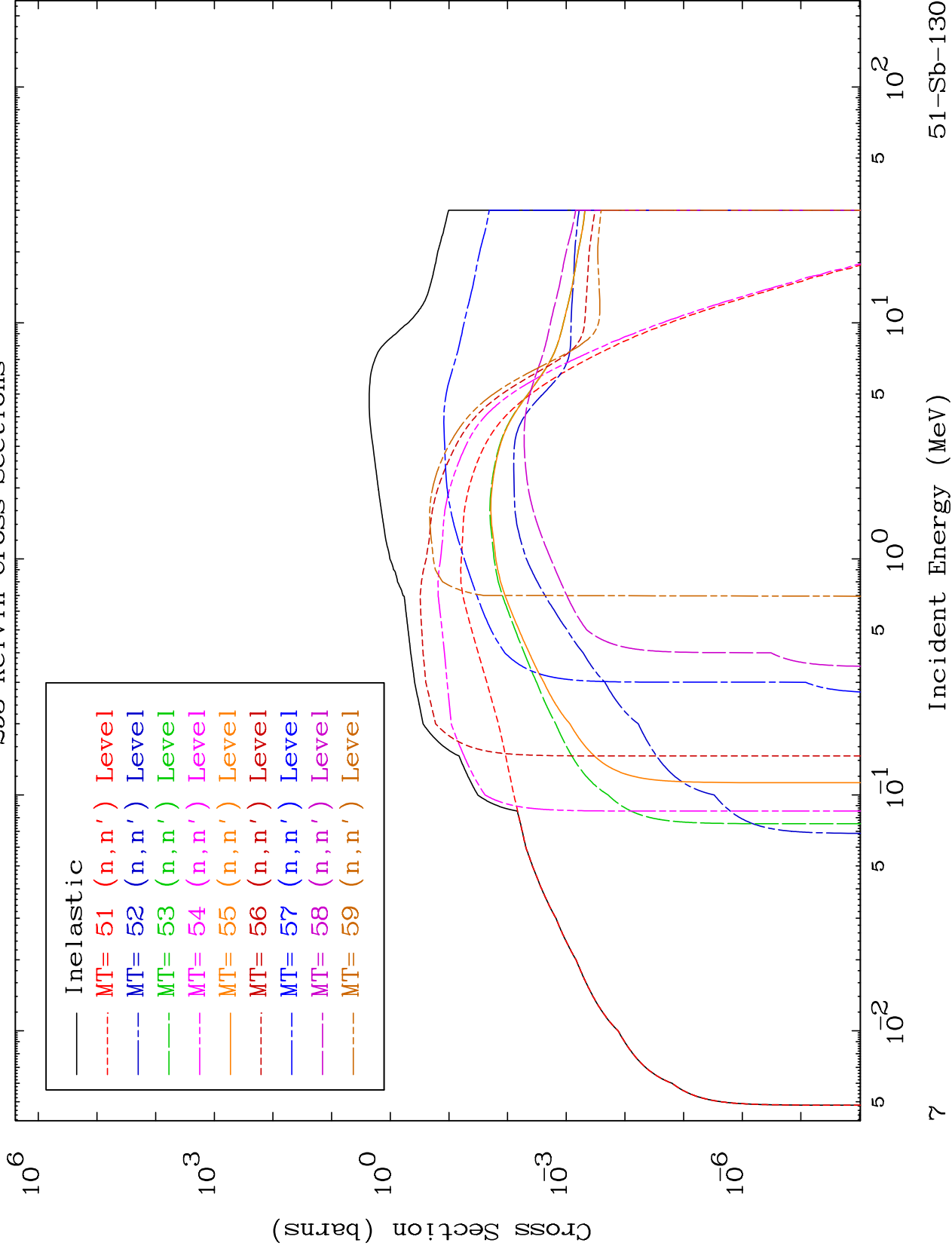




MAT 5152

(n,n') Level
293 Kelvin Cross Sections

51-Sb-130



7

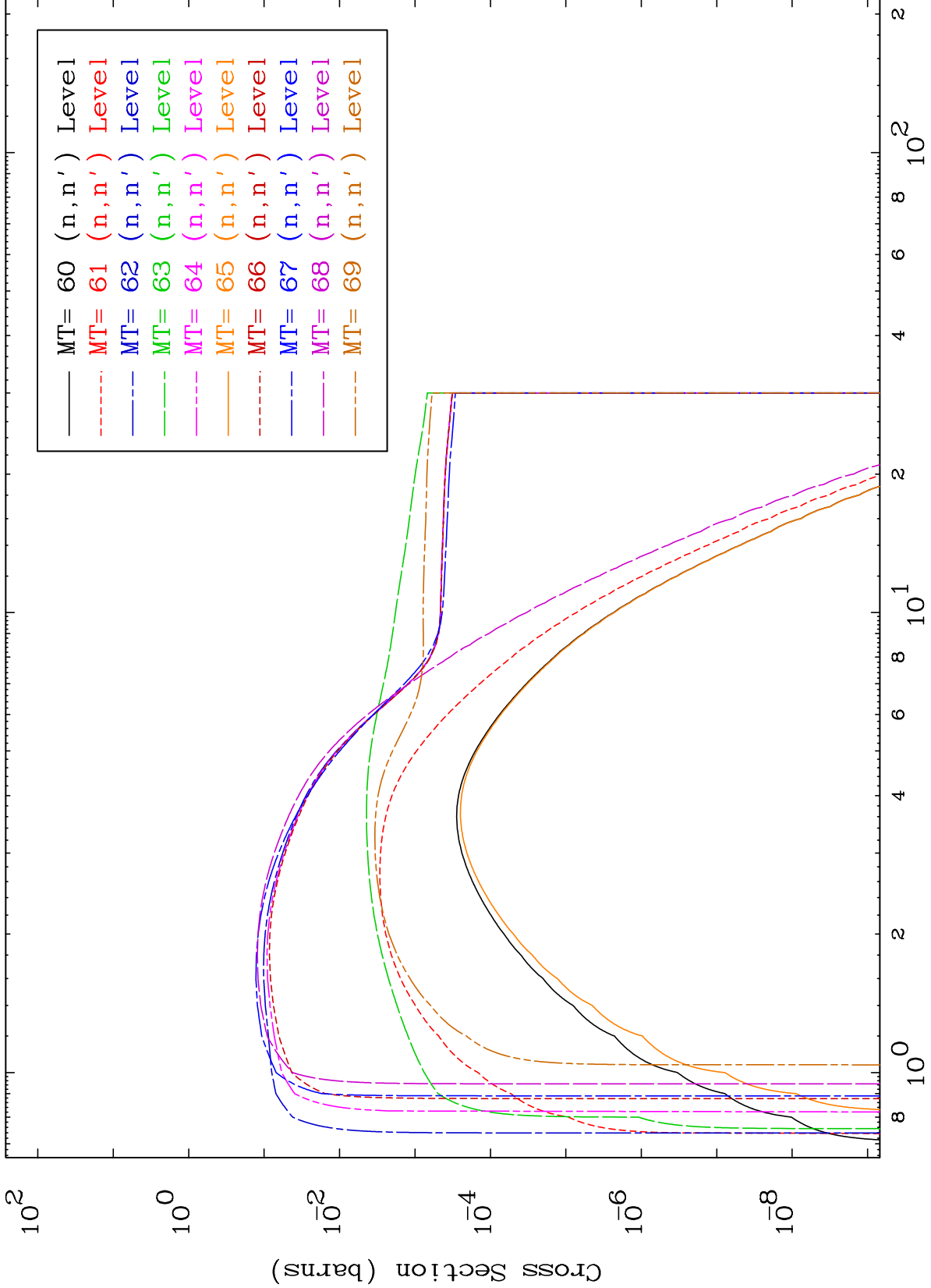
51-Sb-130

MAT 5152

(n,n') Level

51-Sb-130

293 Kelvin Cross Sections



8

Incident Energy (MeV)

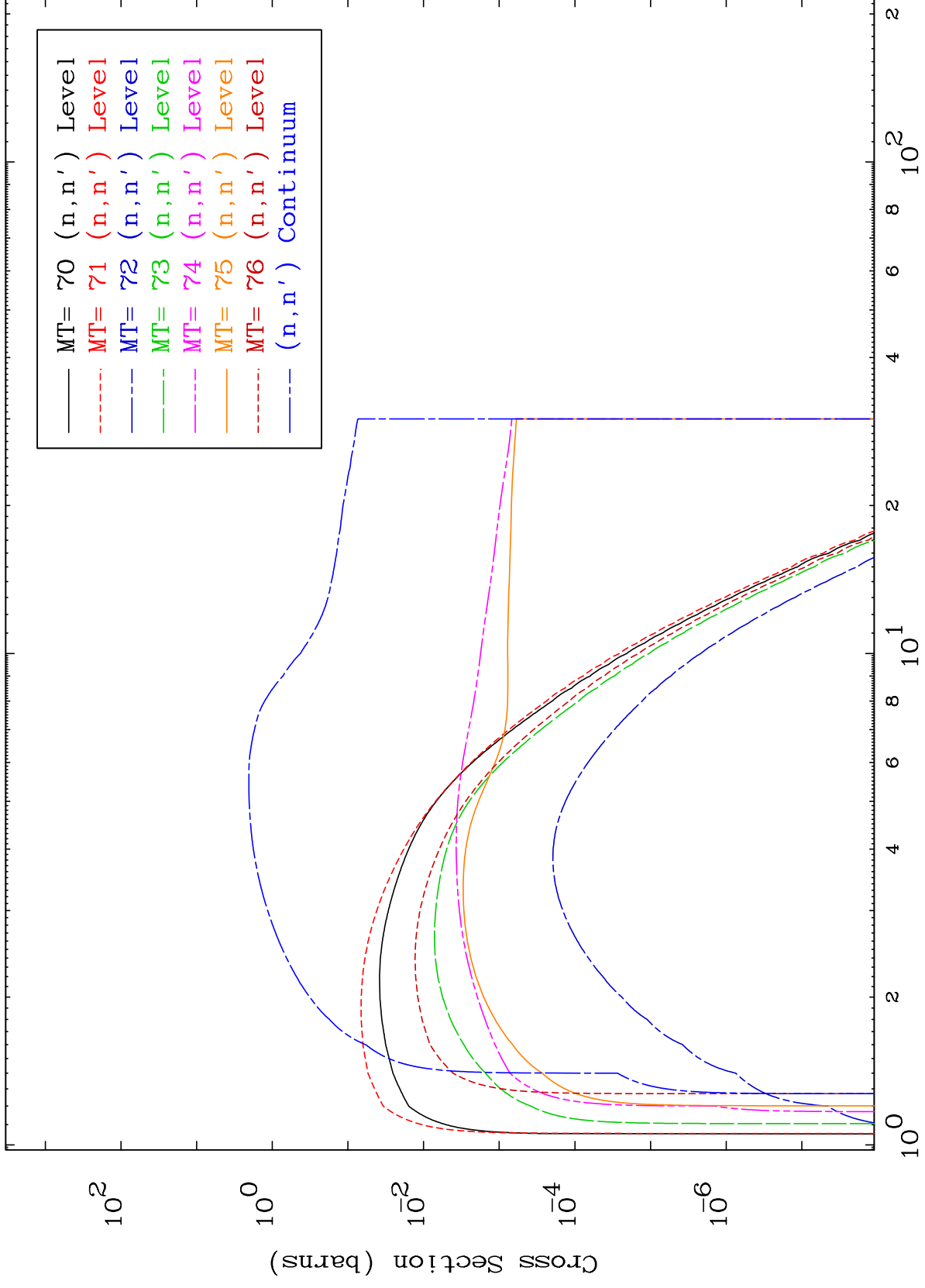
51-Sb-130

MAT 5152

(n,n') Level

51-Sb-130

293 Kelvin Cross Sections



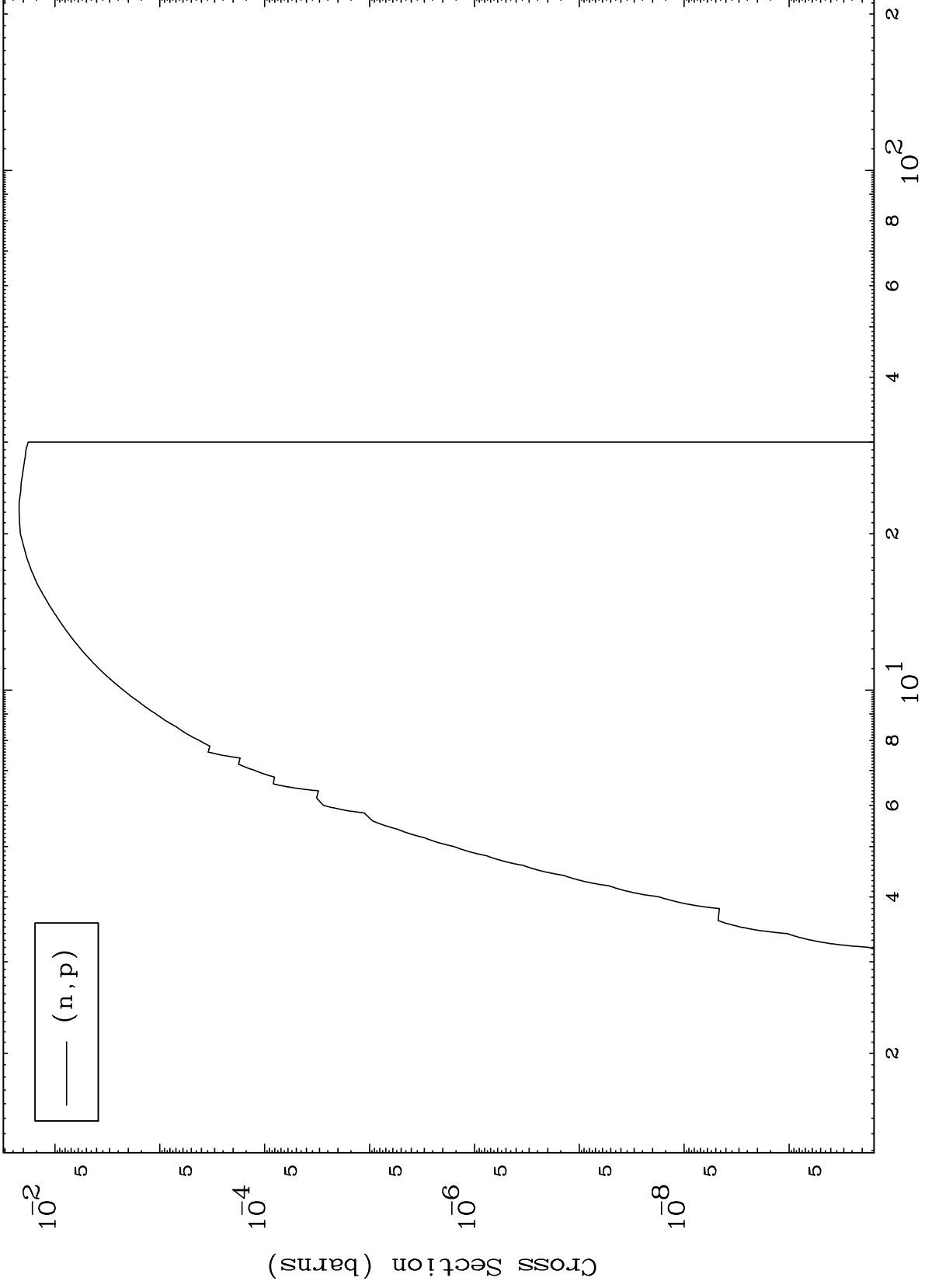
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-130



10

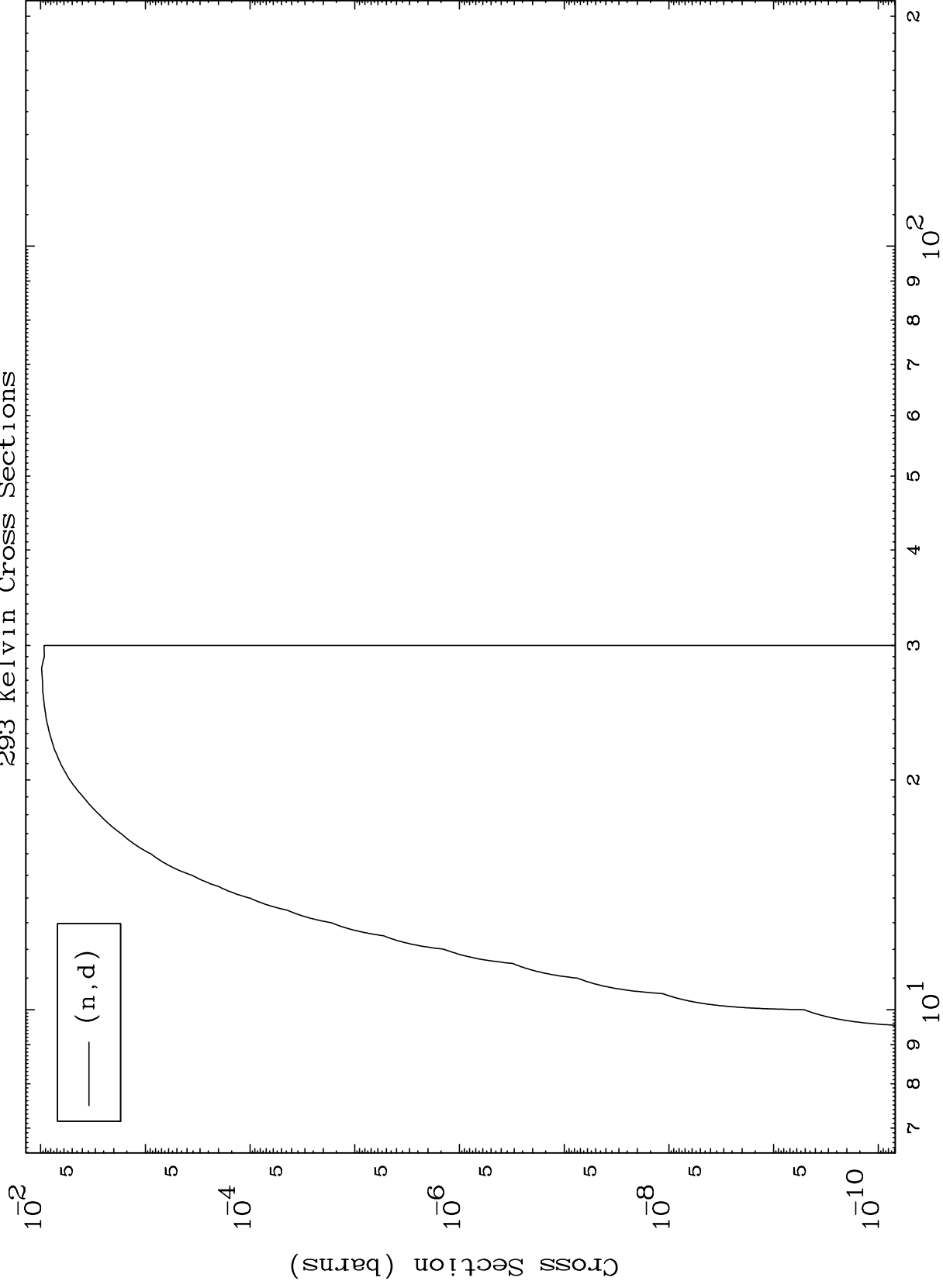
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-130



11

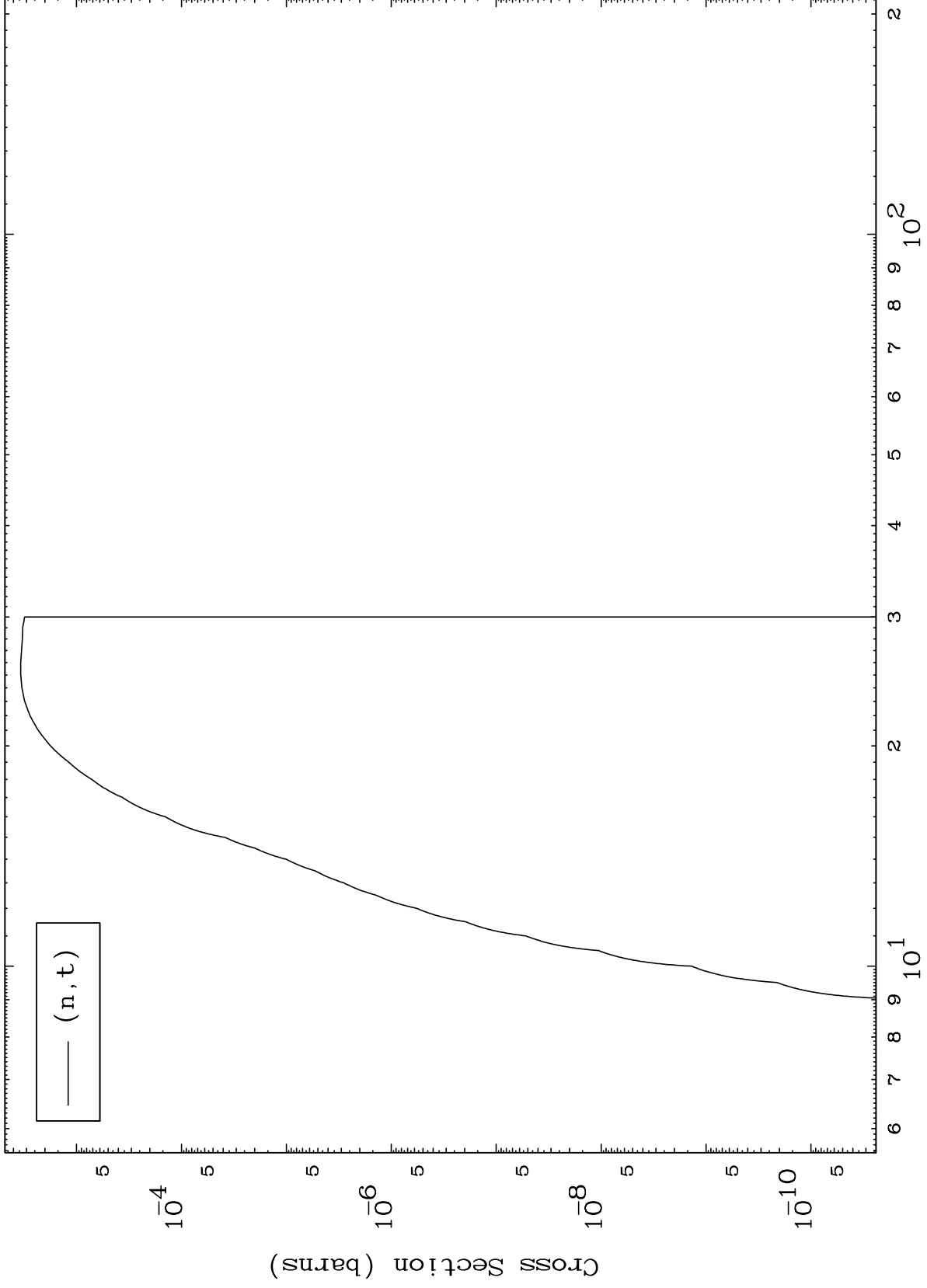
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-130



12

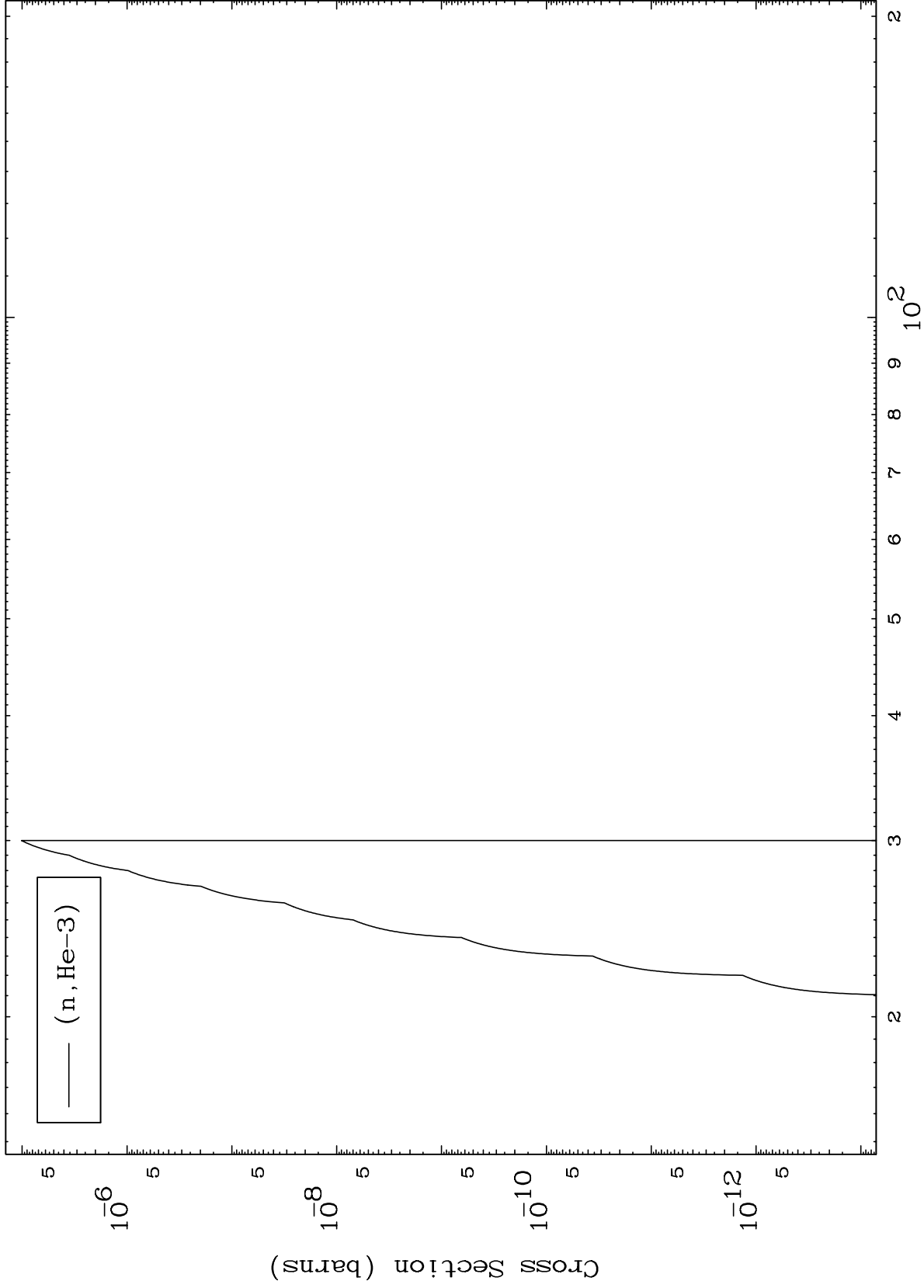
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-130



13

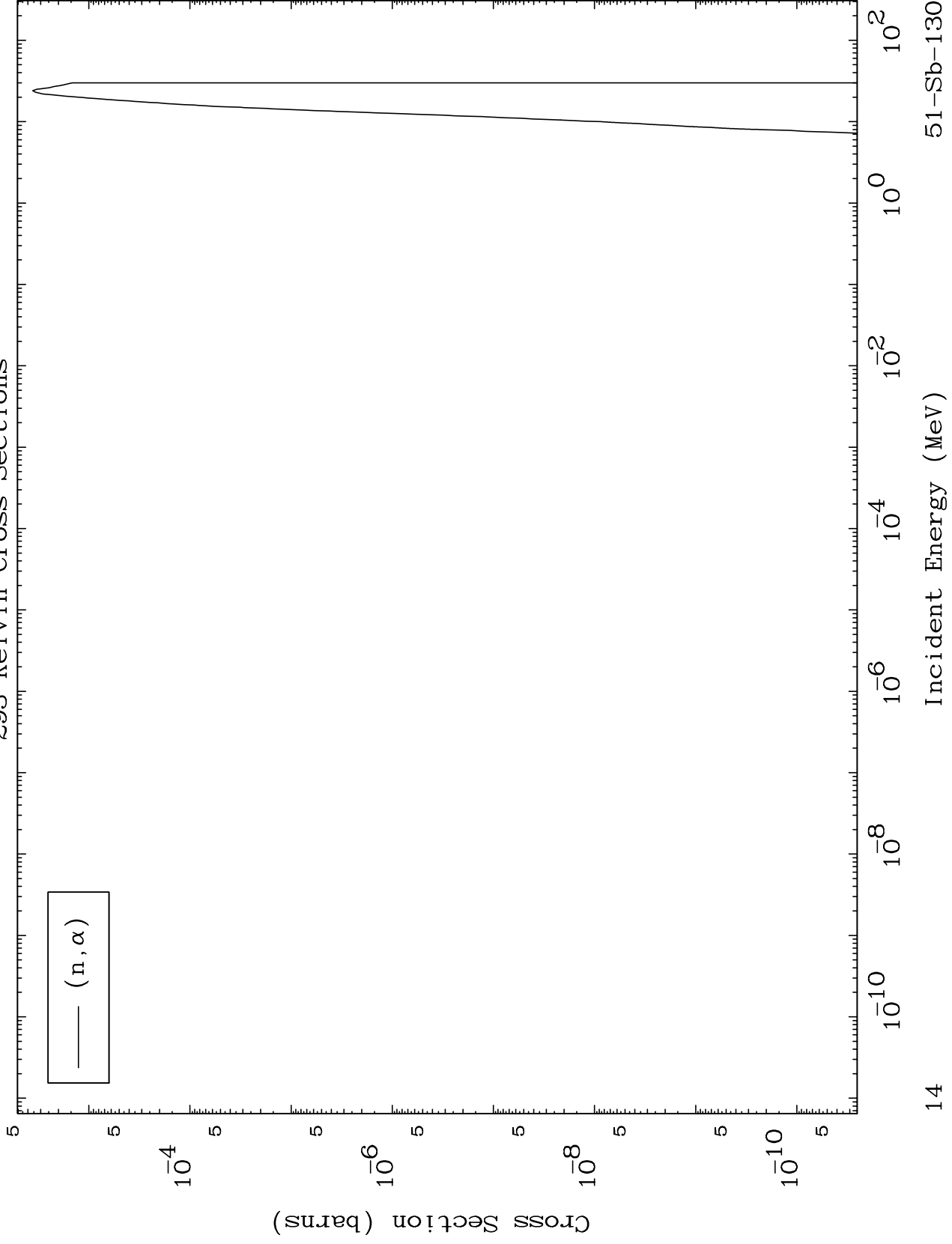
Incident Energy (MeV)

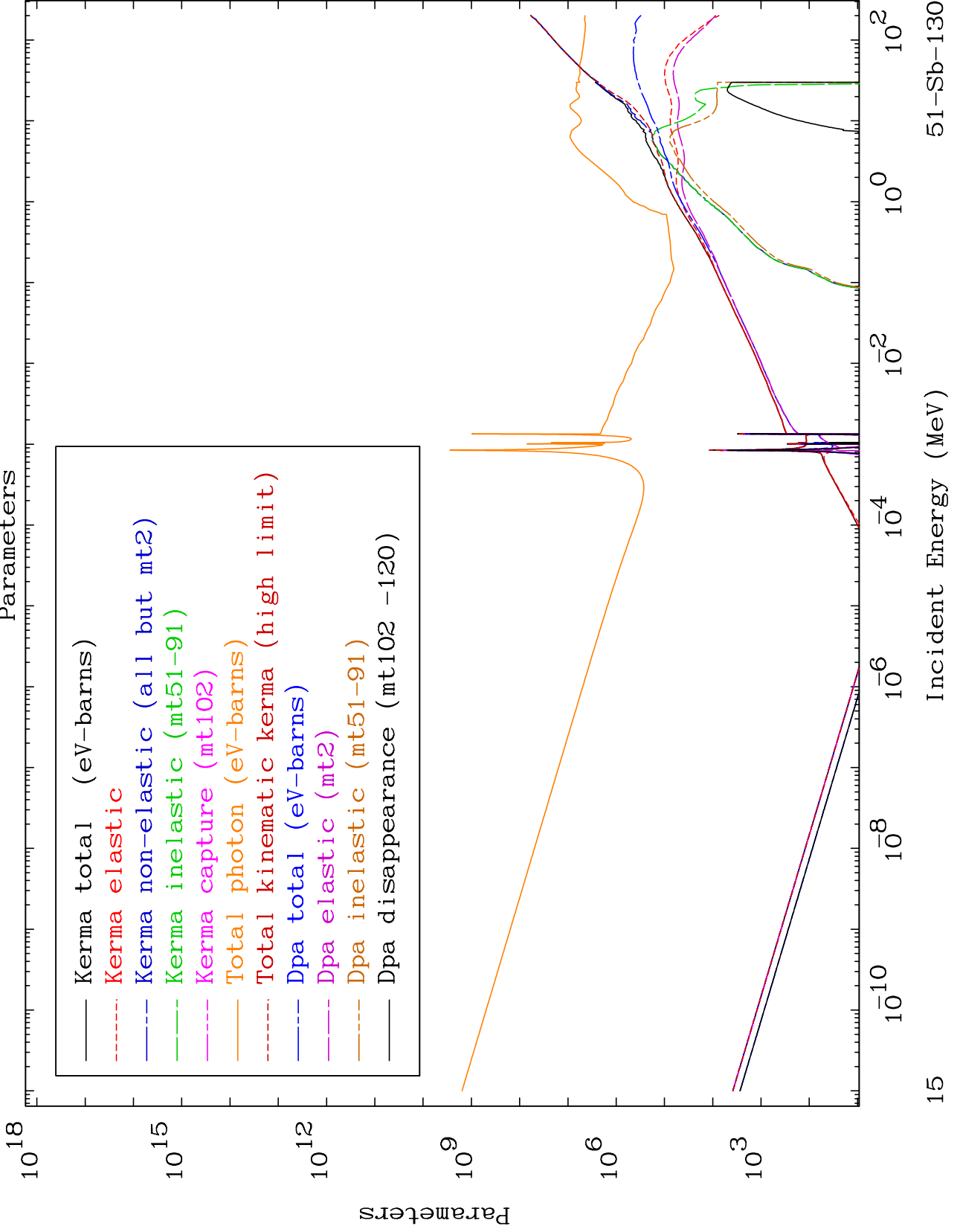
51-Sb-130

MAT 5152

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-130

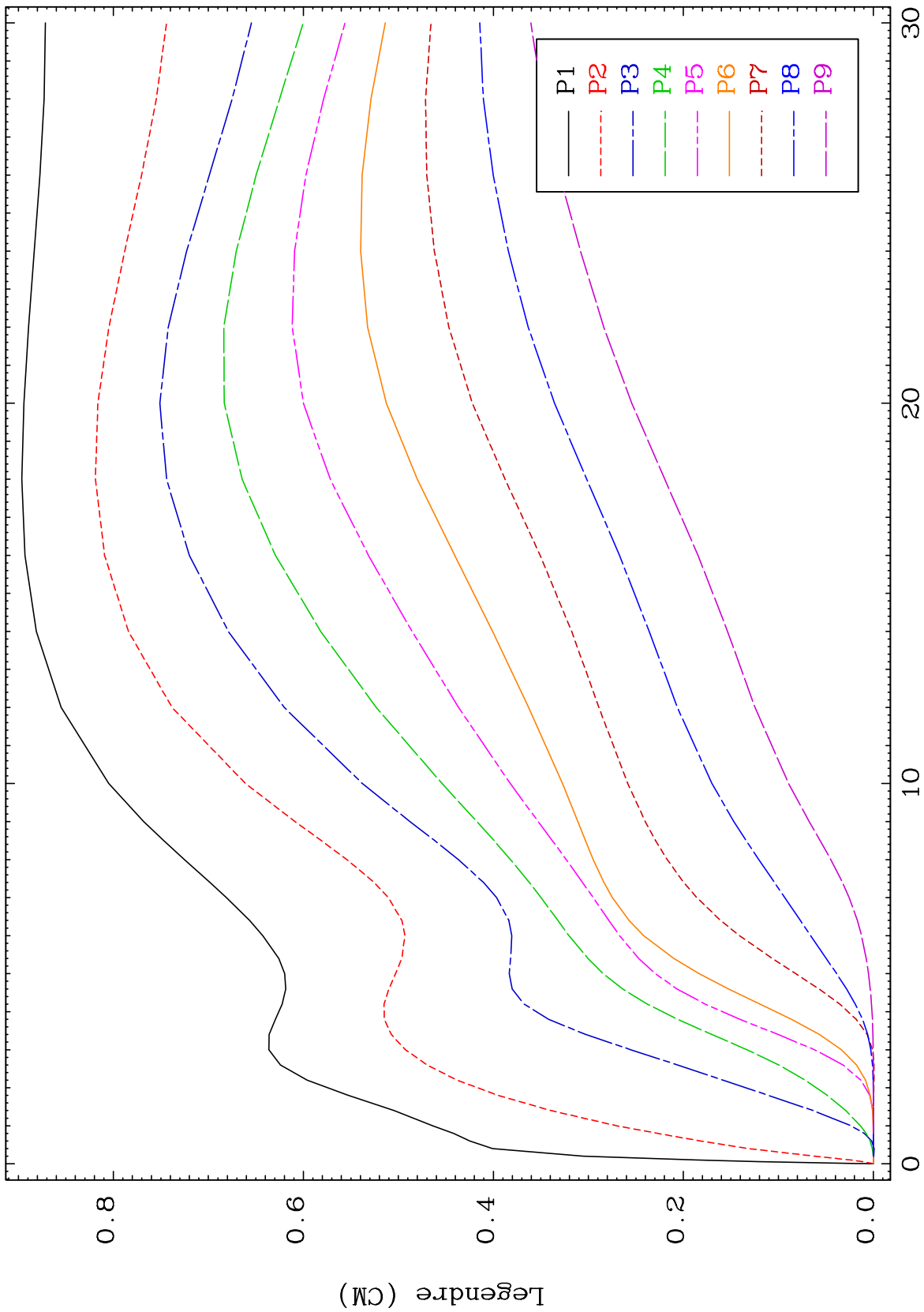




MAT 5152

51-Sb-130

Elastic Legendre Coefficients



51-Sb-130

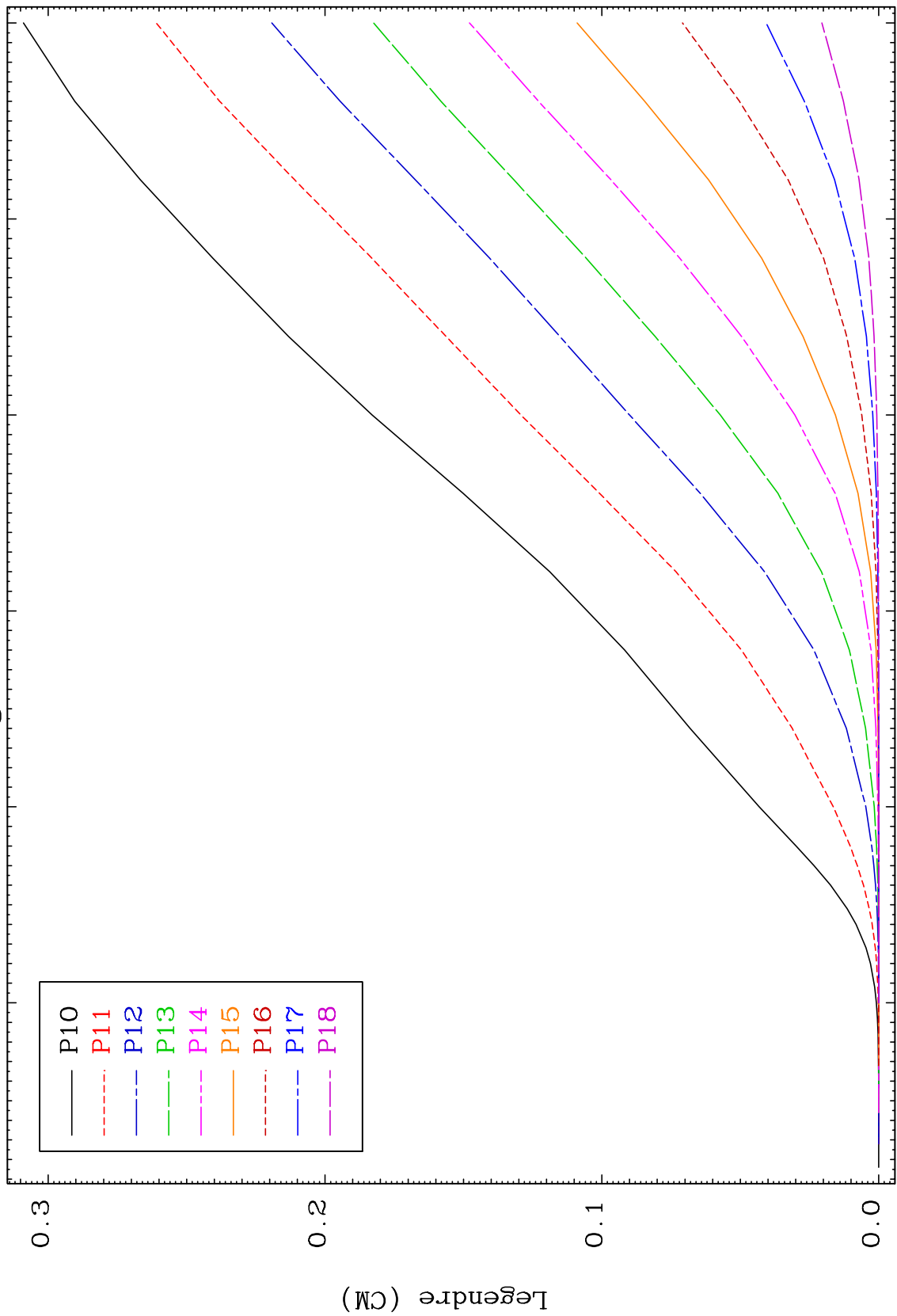
Incident Energy (MeV)

16

MAT 5152

Elastic Legendre Coefficients

51-Sb-130



17

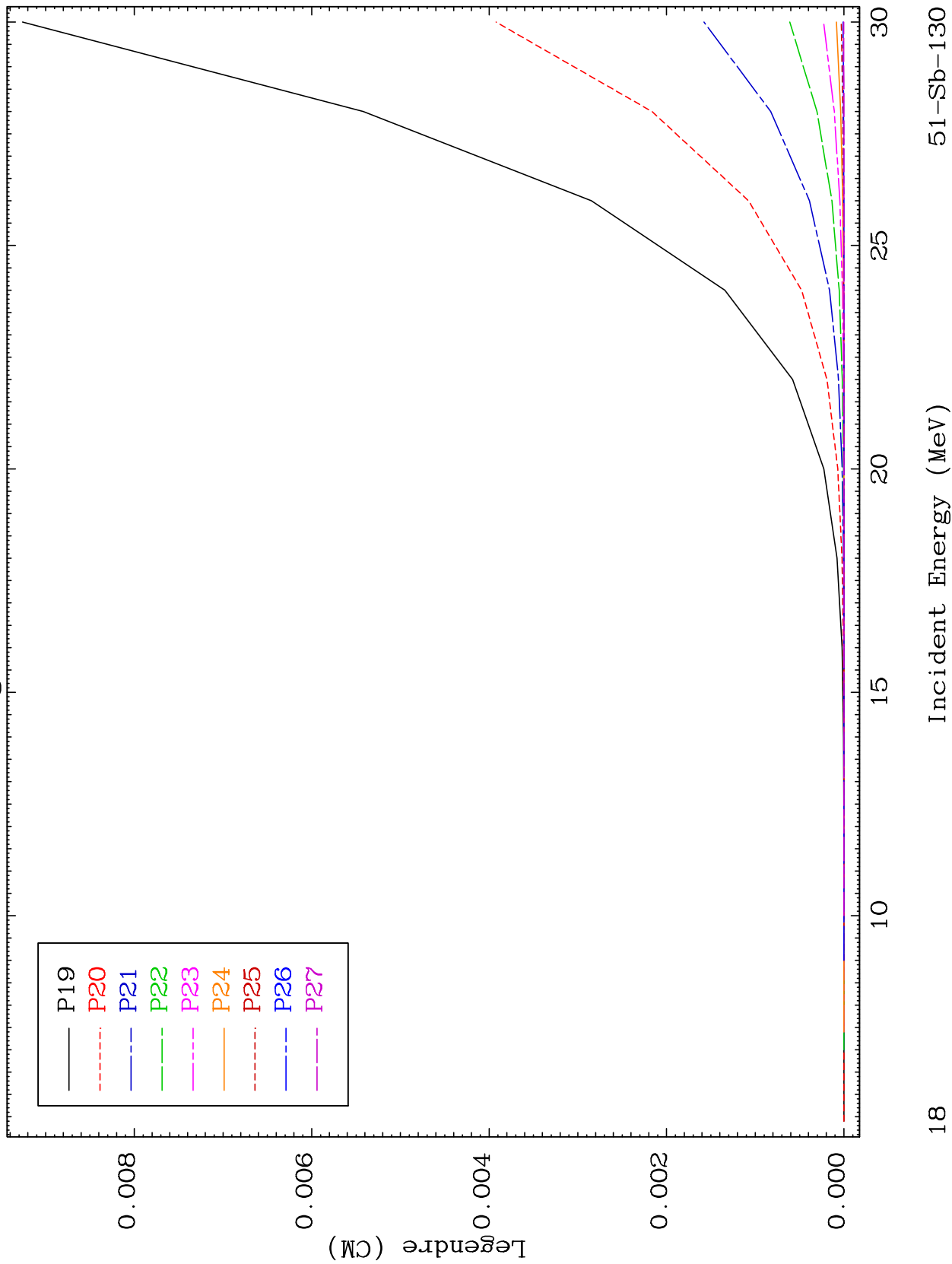
Incident Energy (MeV)

51-Sb-130

MAT 5152

Elastic Legendre Coefficients

51-Sb-130



18

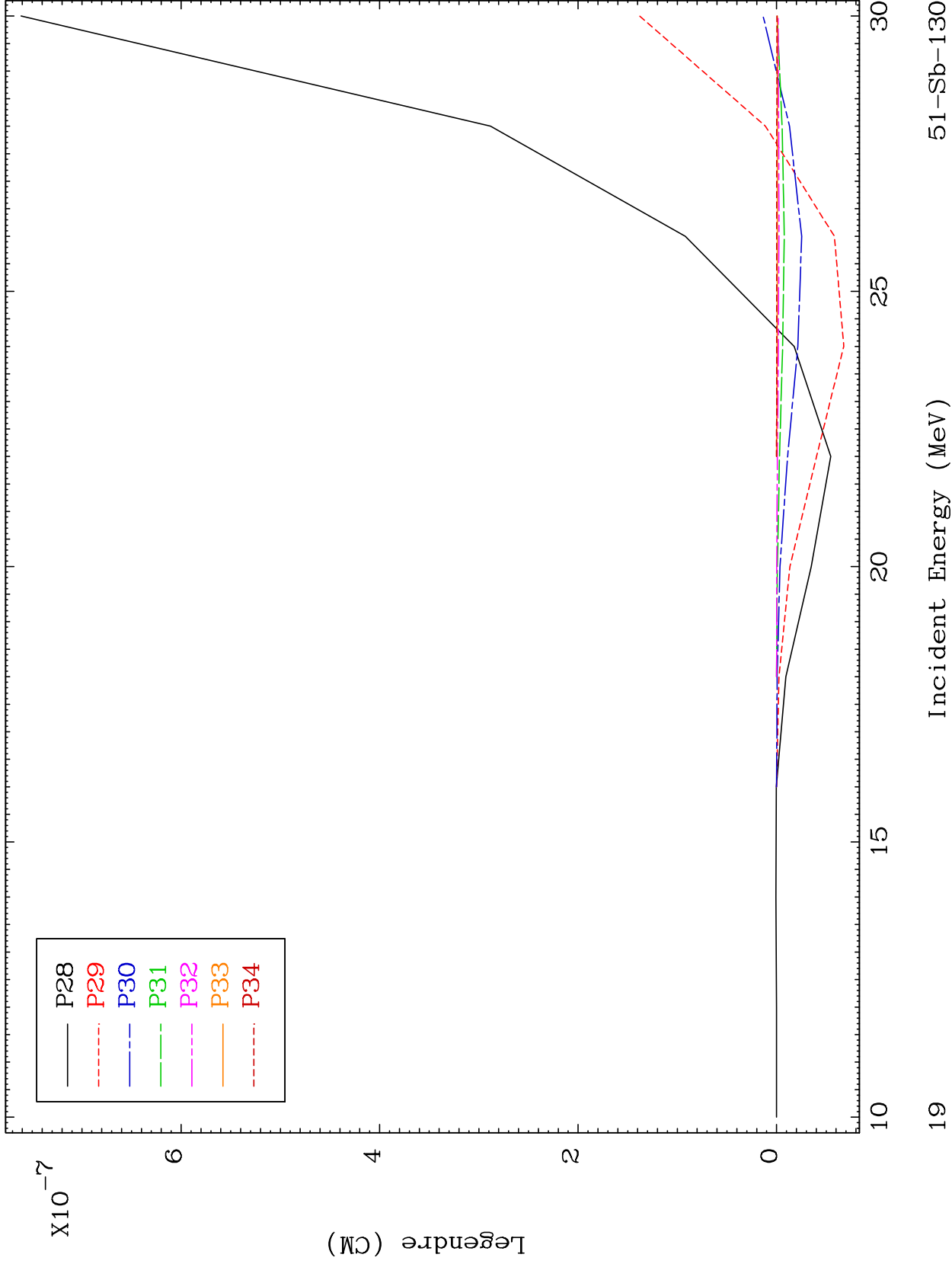
Incident Energy (MeV)

51-Sb-130

MAT 5152

Elastic Legendre Coefficients

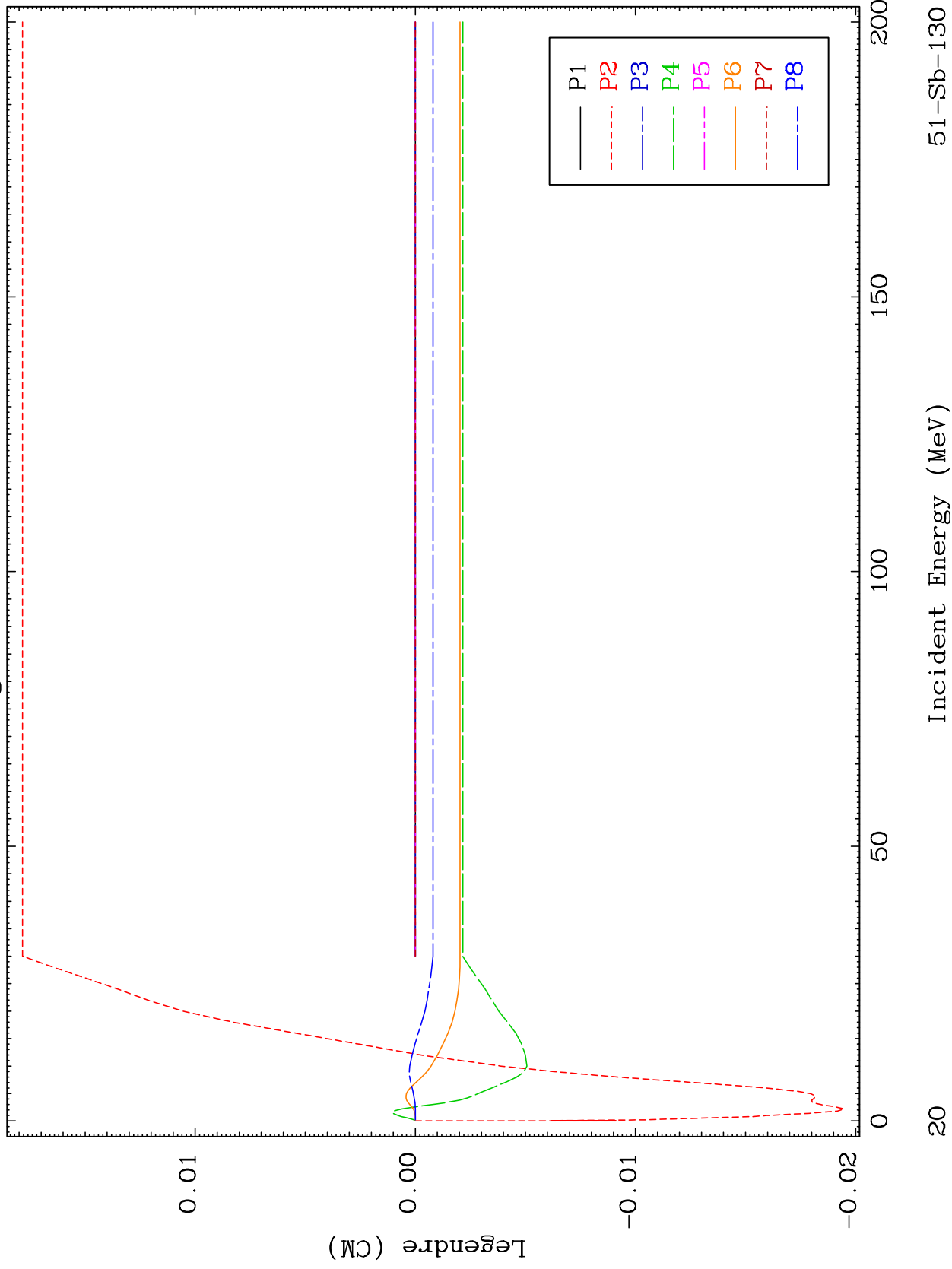
51-Sb-130



MAT 5152

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

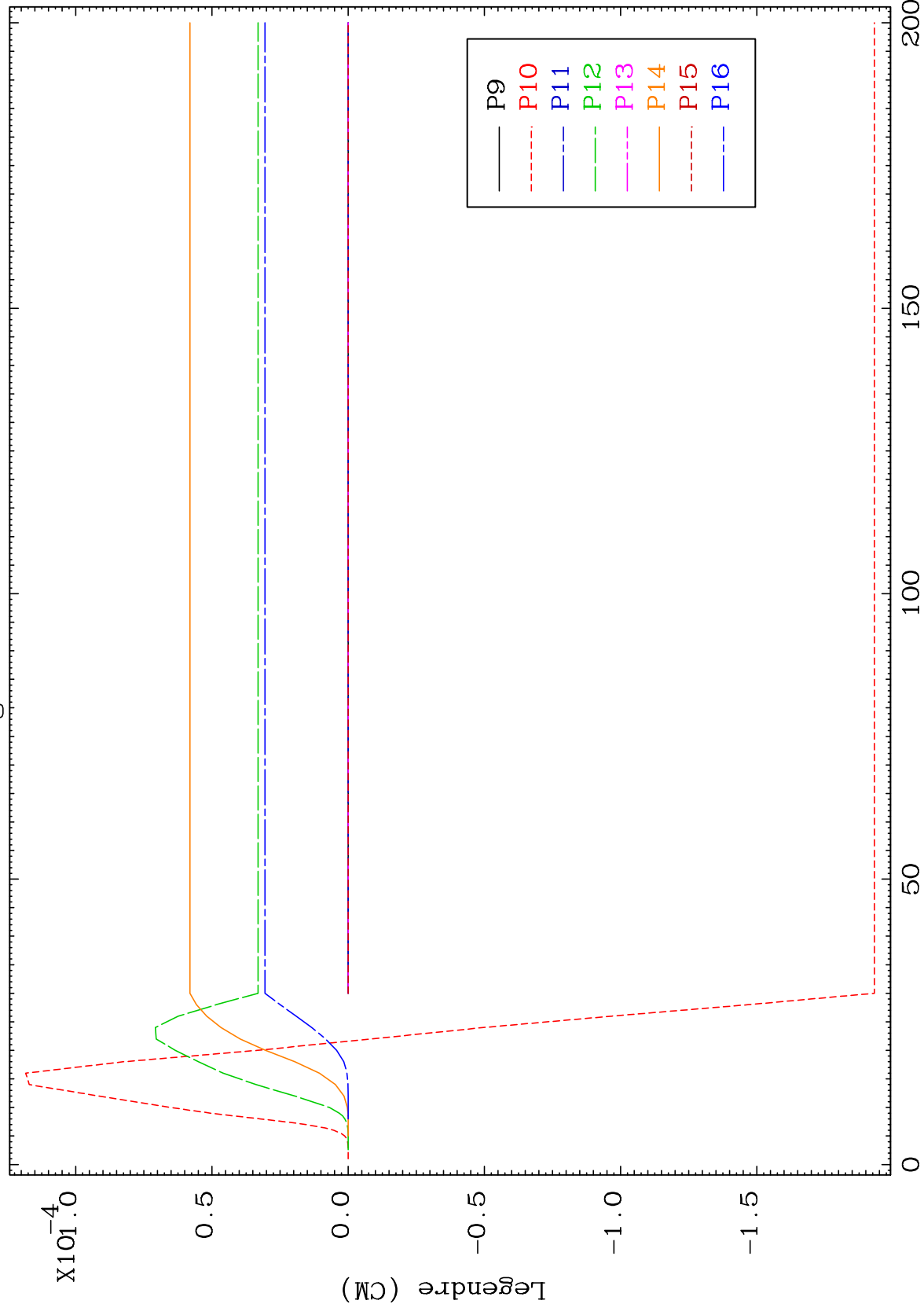
51-Sb-130



MAT 5152

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

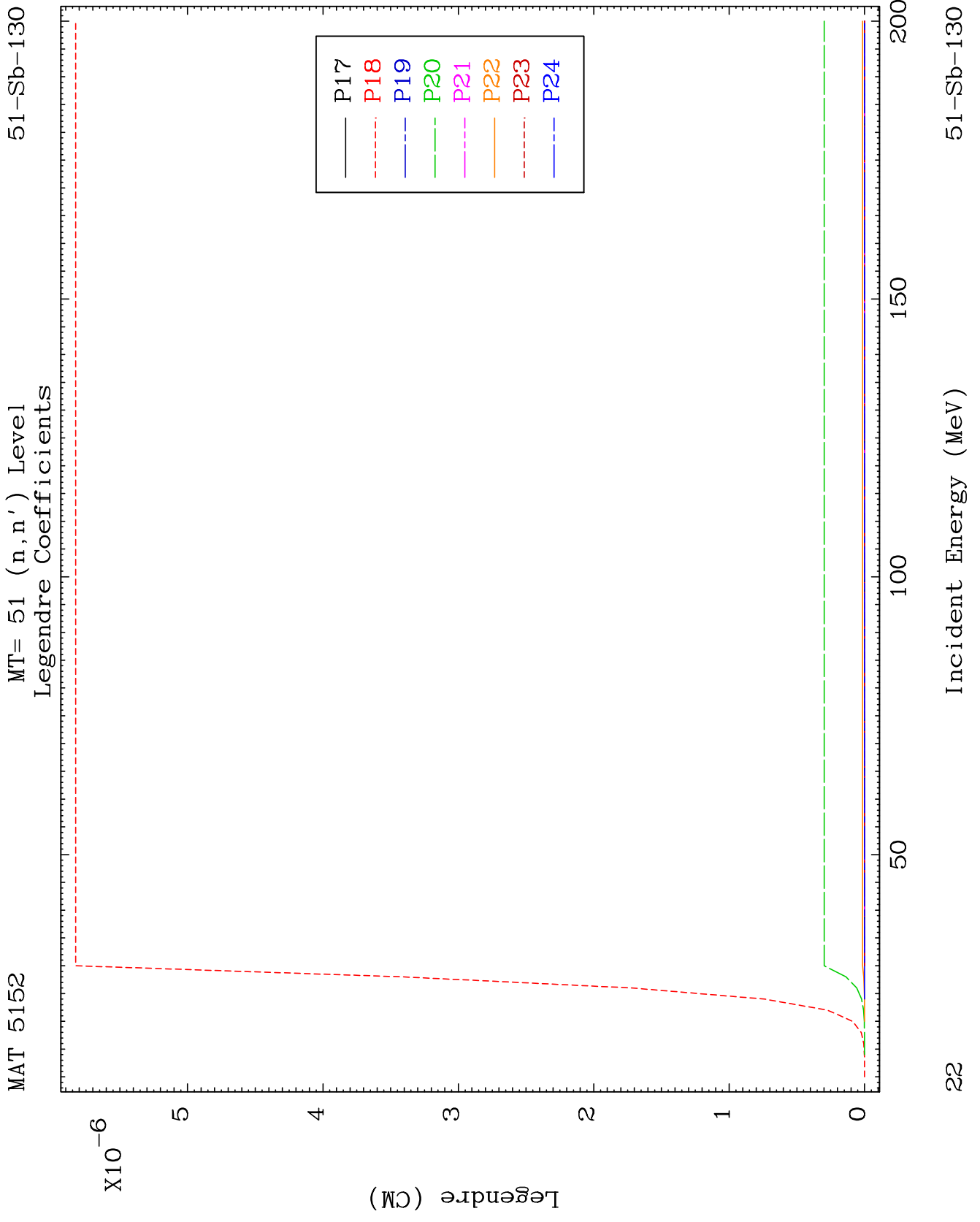
51-Sb-130



21

Incident Energy (MeV)

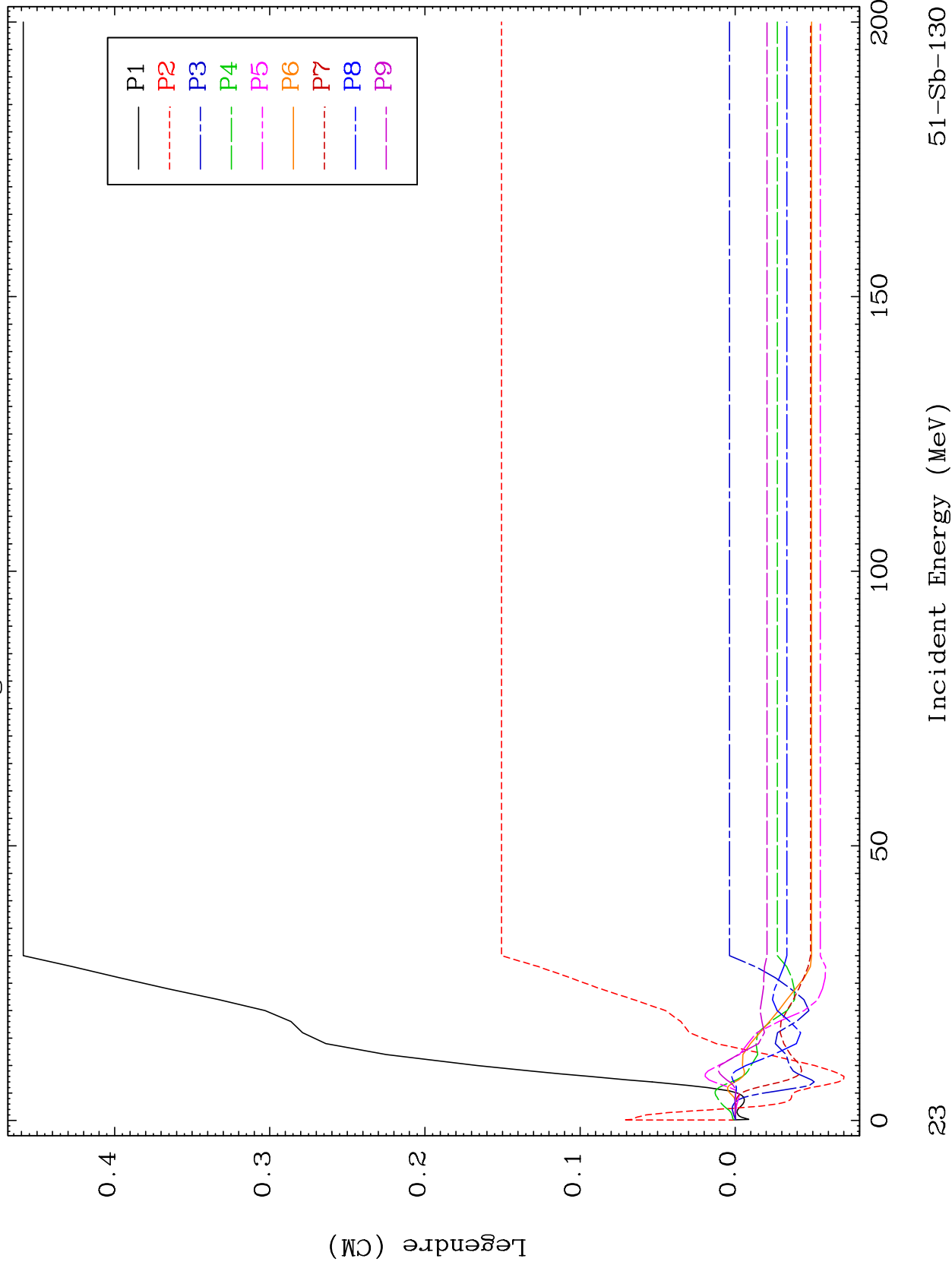
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

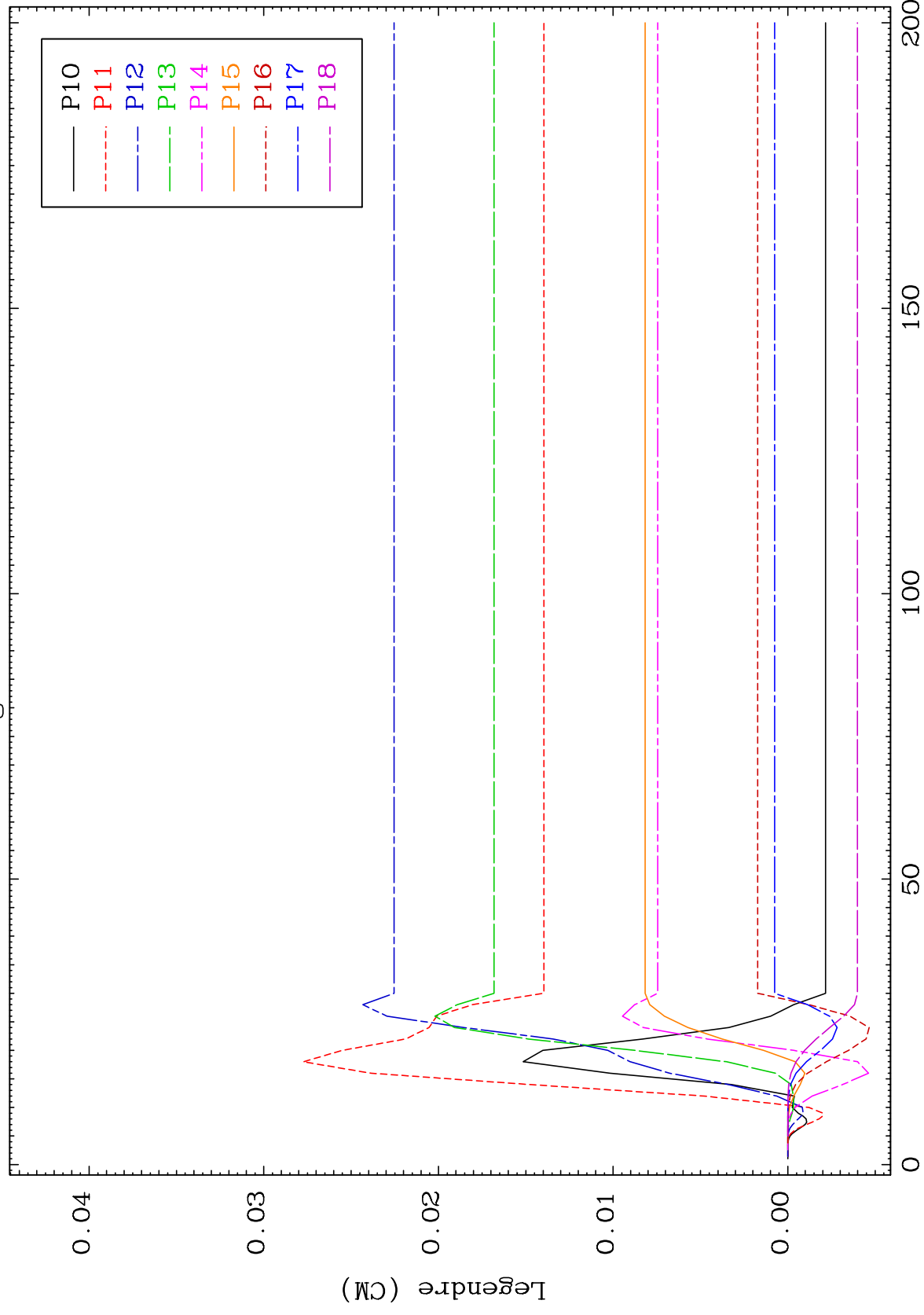
Incident Energy (MeV)

23

MAT 5152

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

51-Sb-130



24

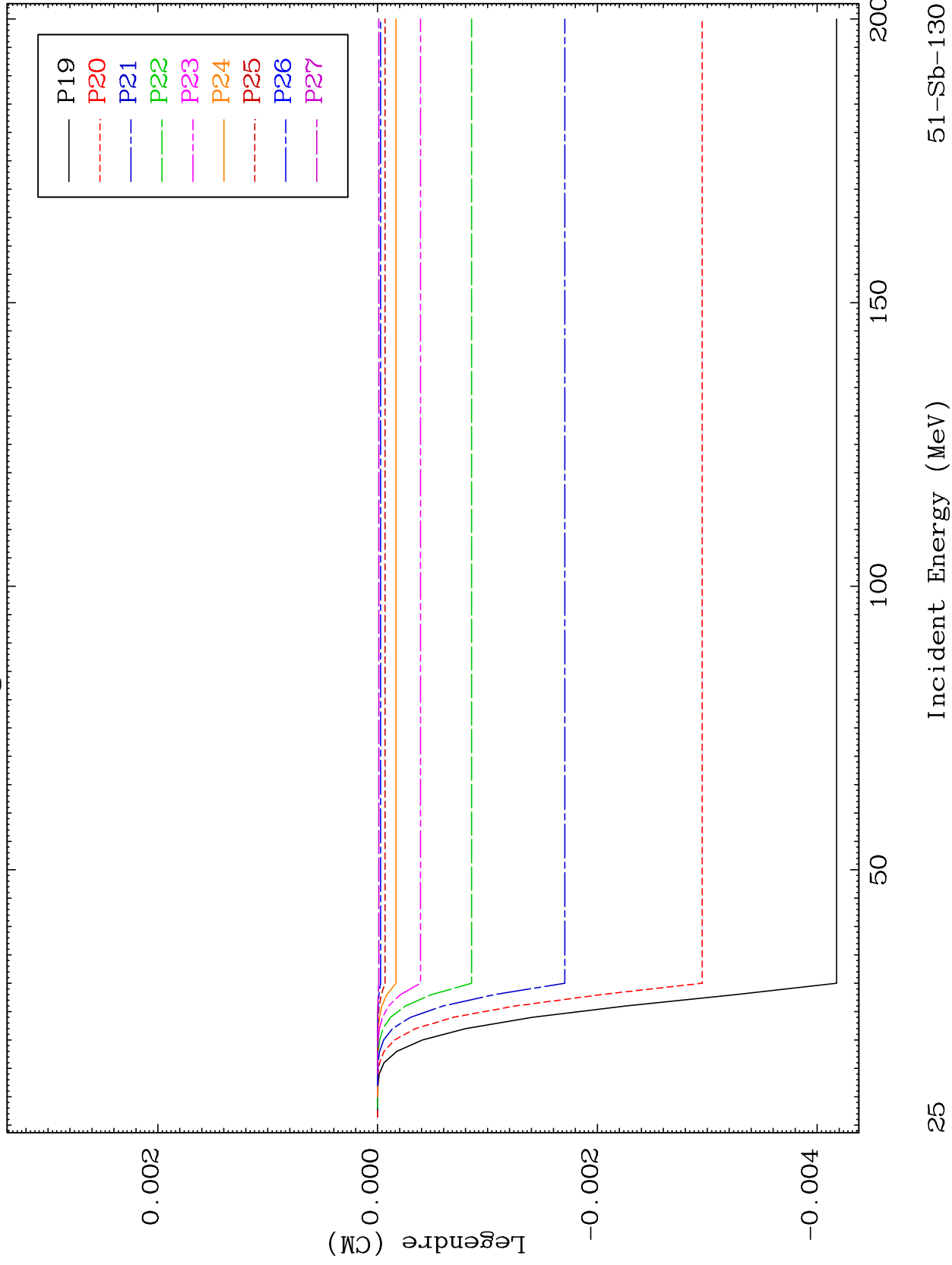
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

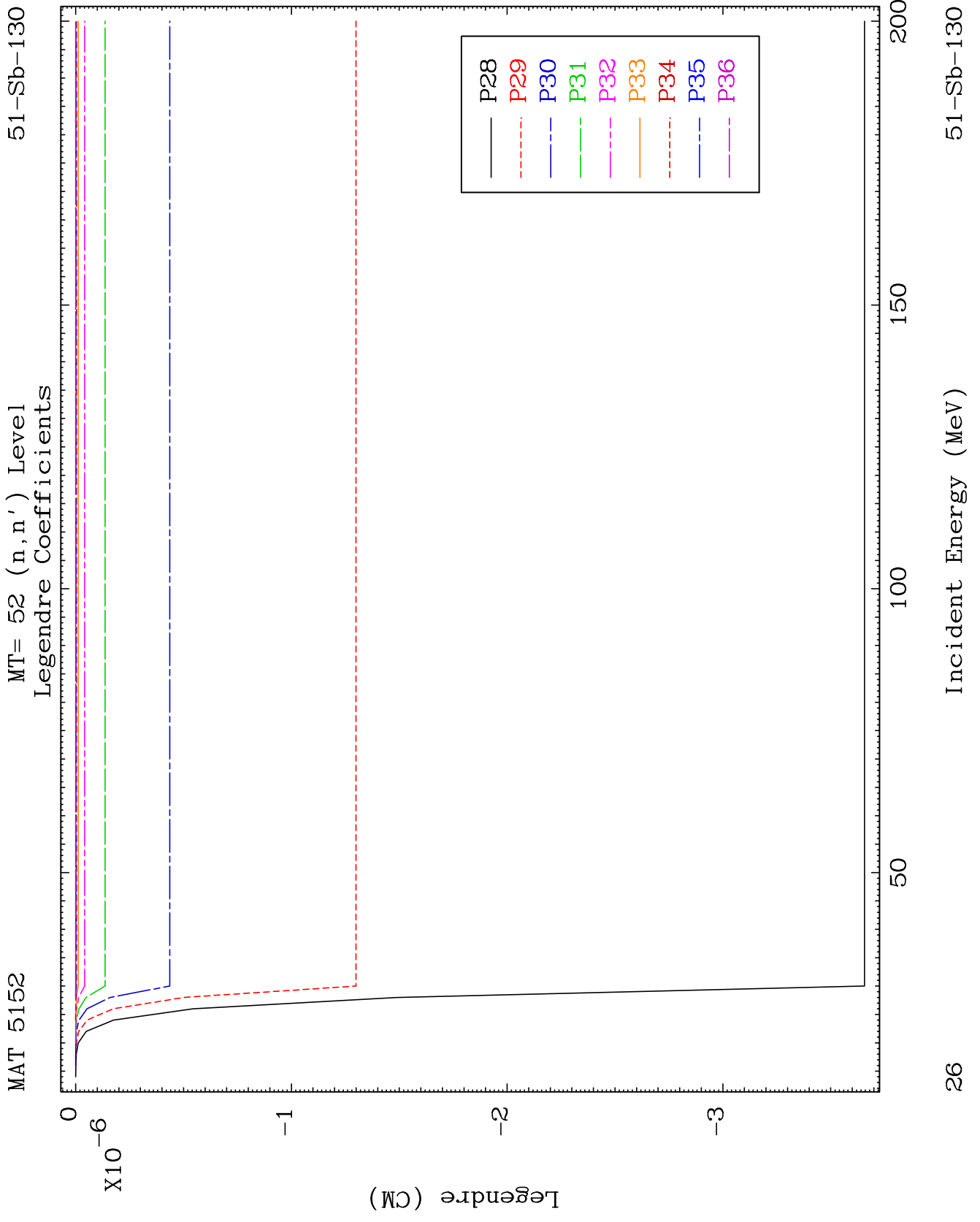
51-Sb-130

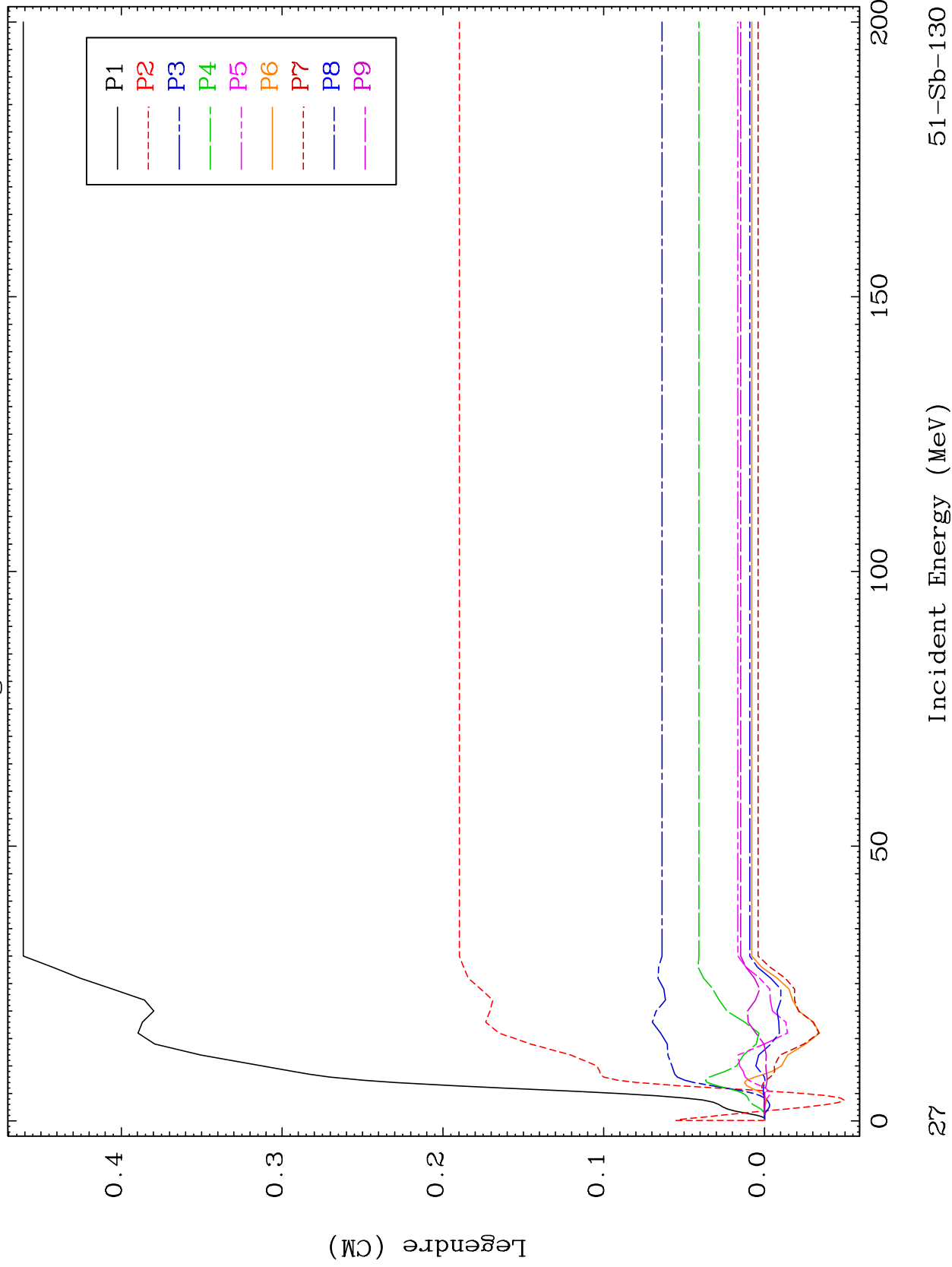


51-Sb-130

Incident Energy (MeV)

25

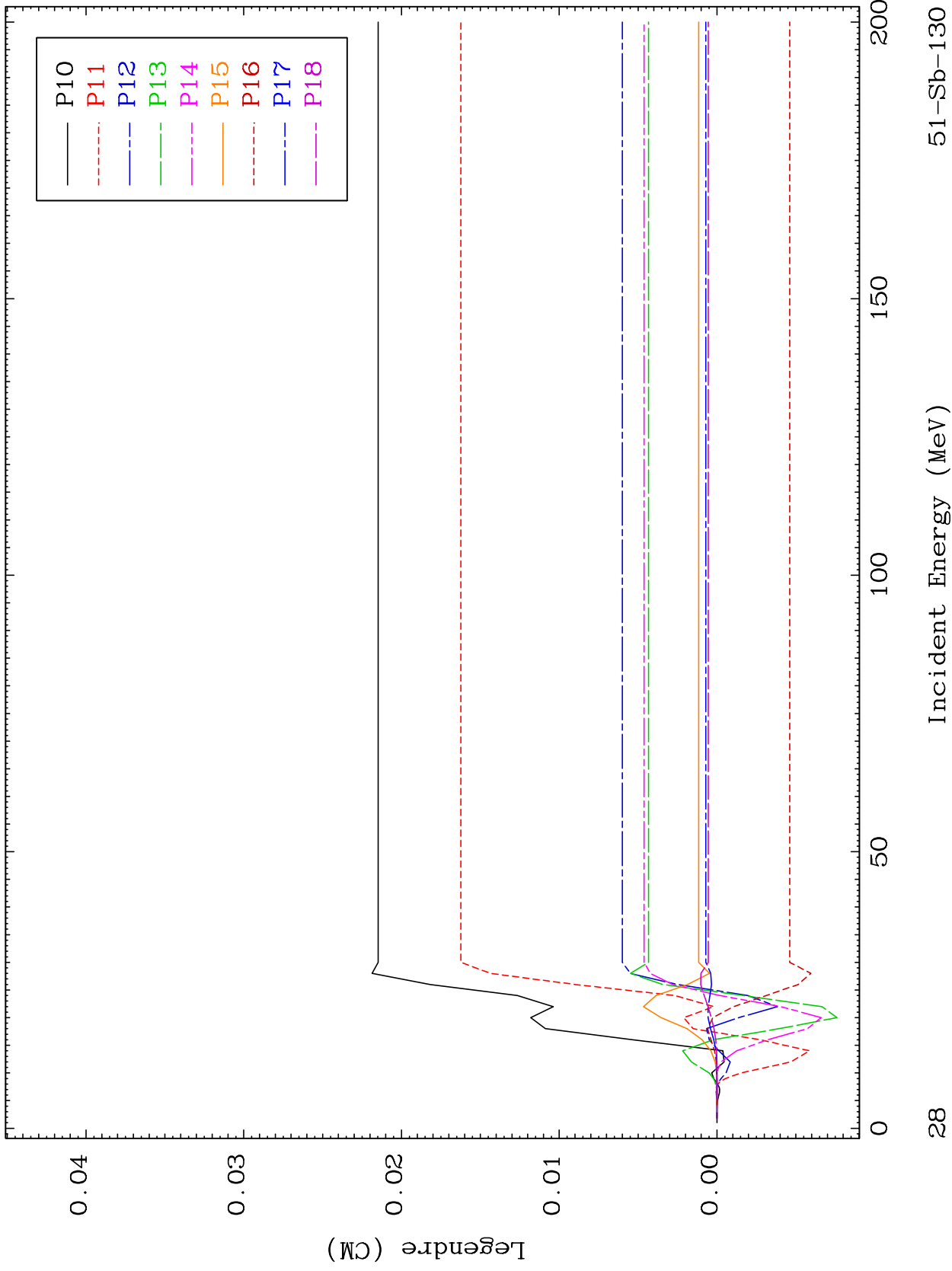




MAT 5152

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

51-Sb-130



28

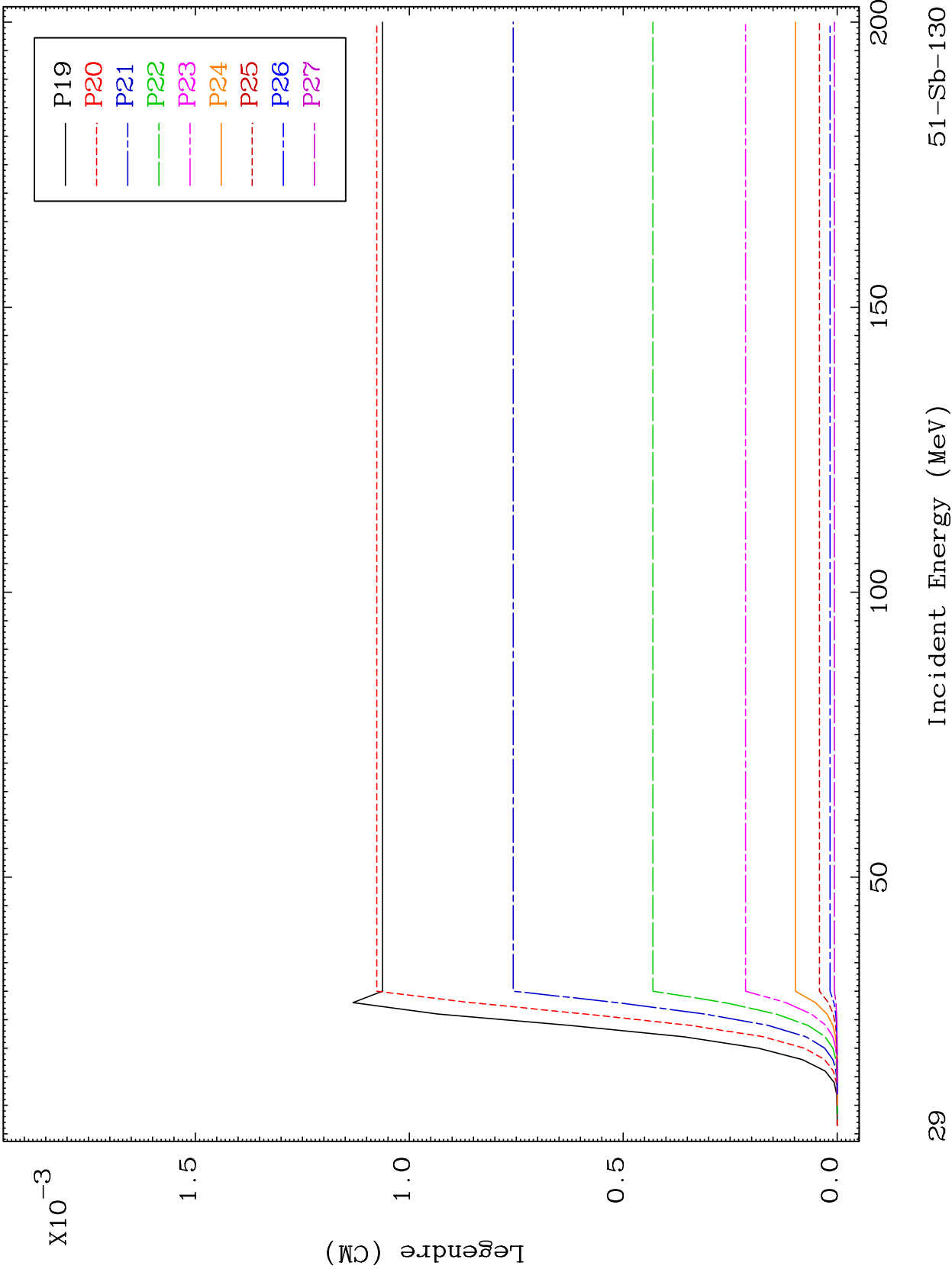
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

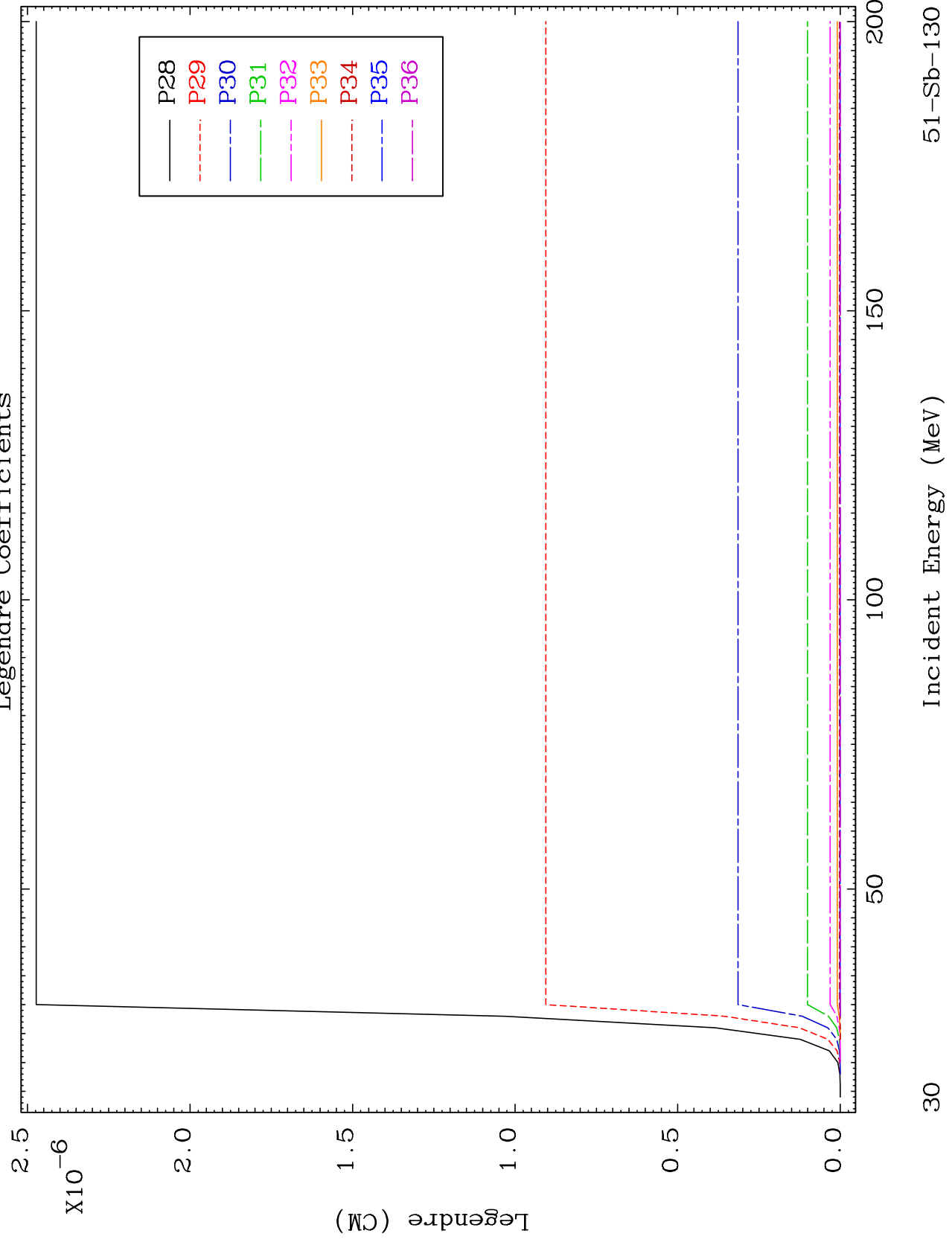
51-Sb-130



MAT 5152

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

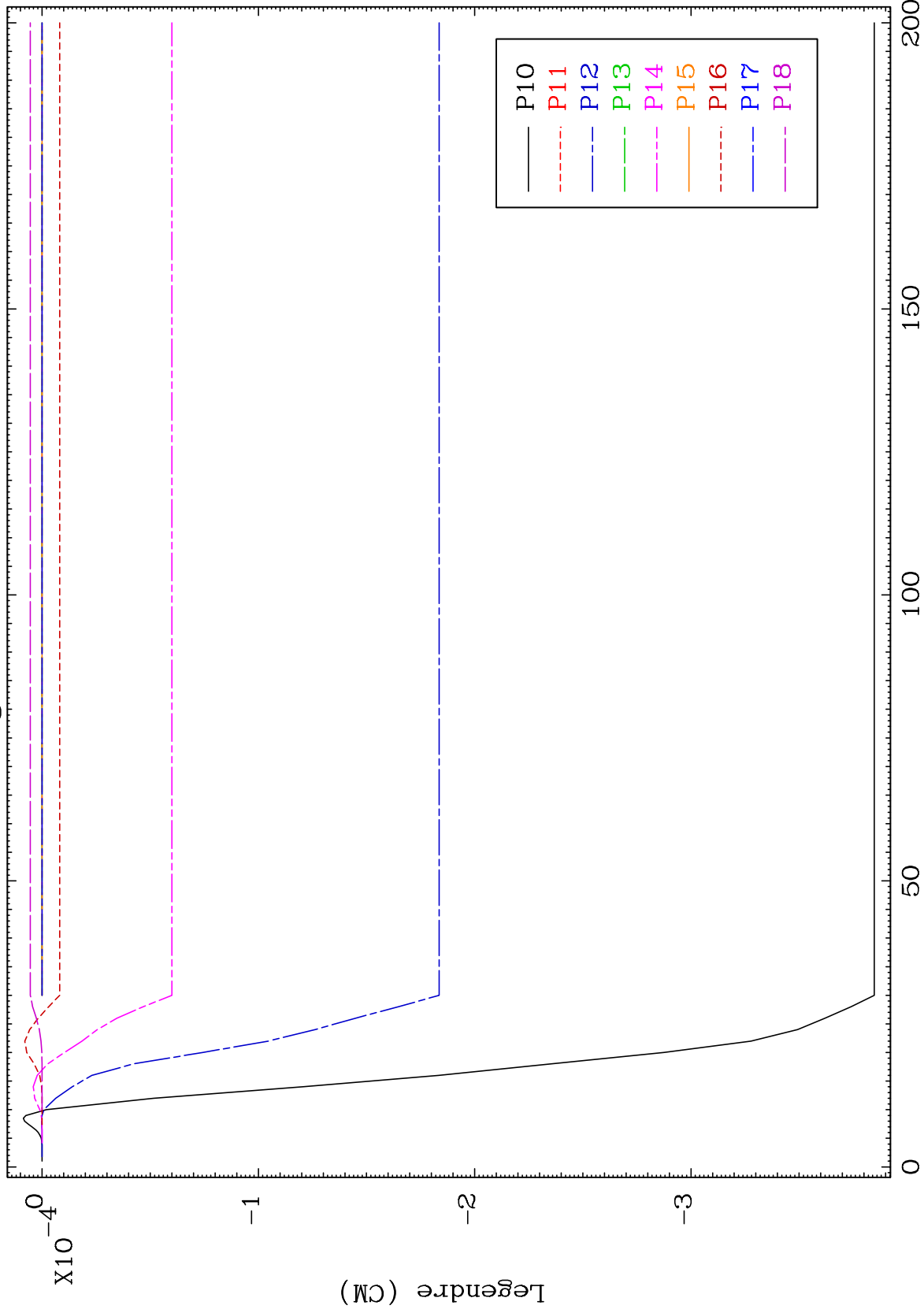
51-Sb-130



MAT 5152

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

51-Sb-130



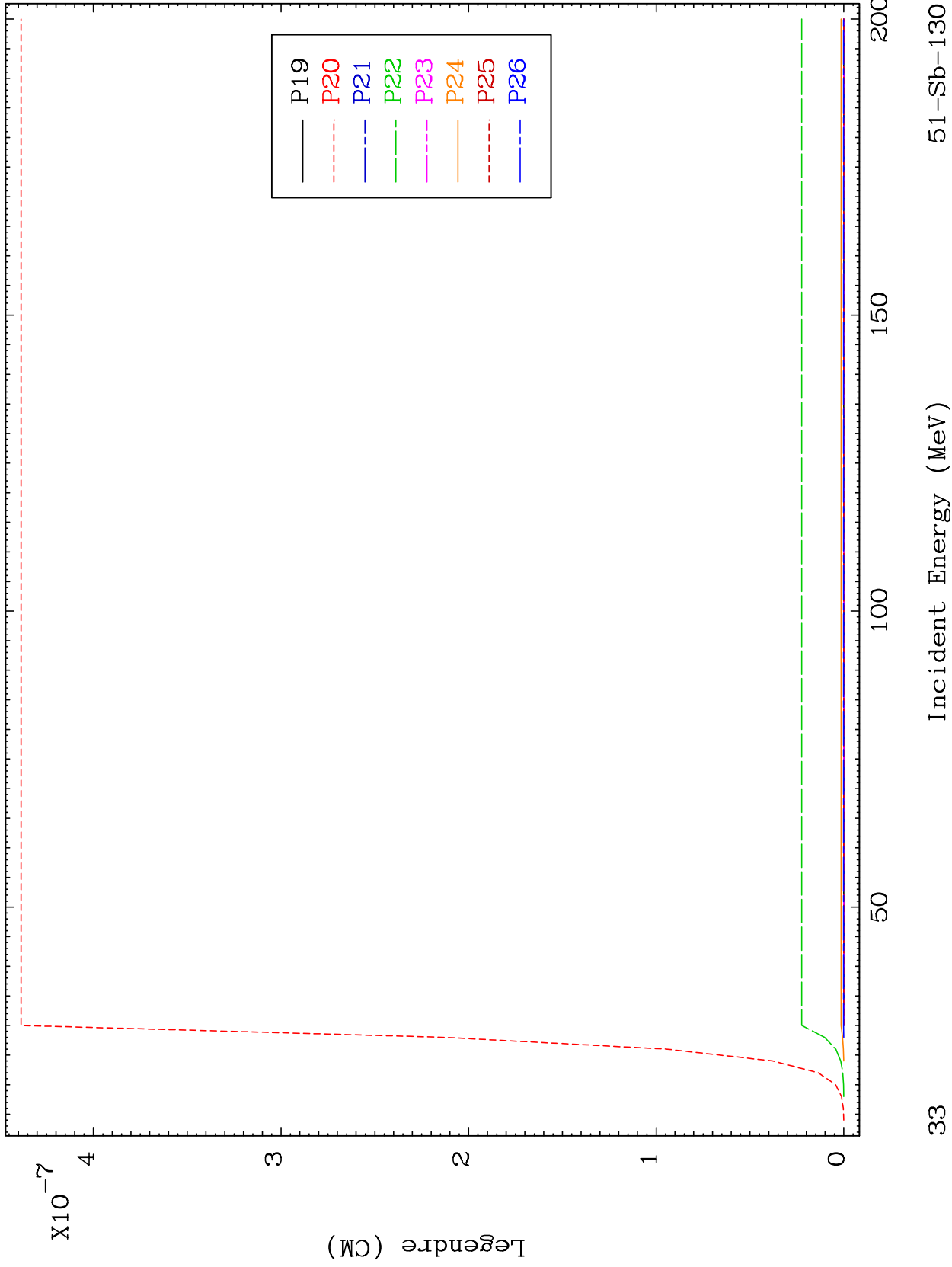
32

51-Sb-130

MAT 5152

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

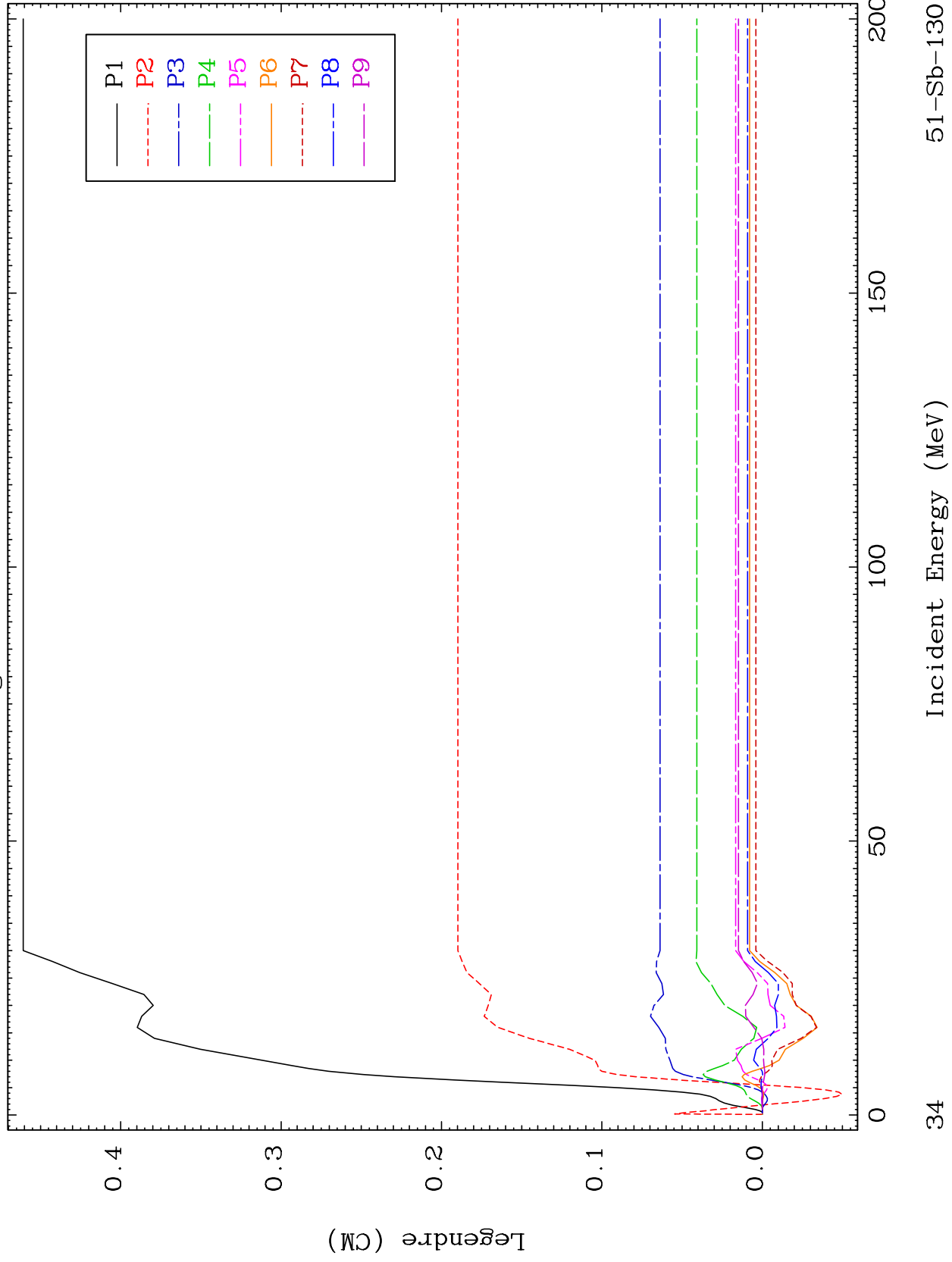
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

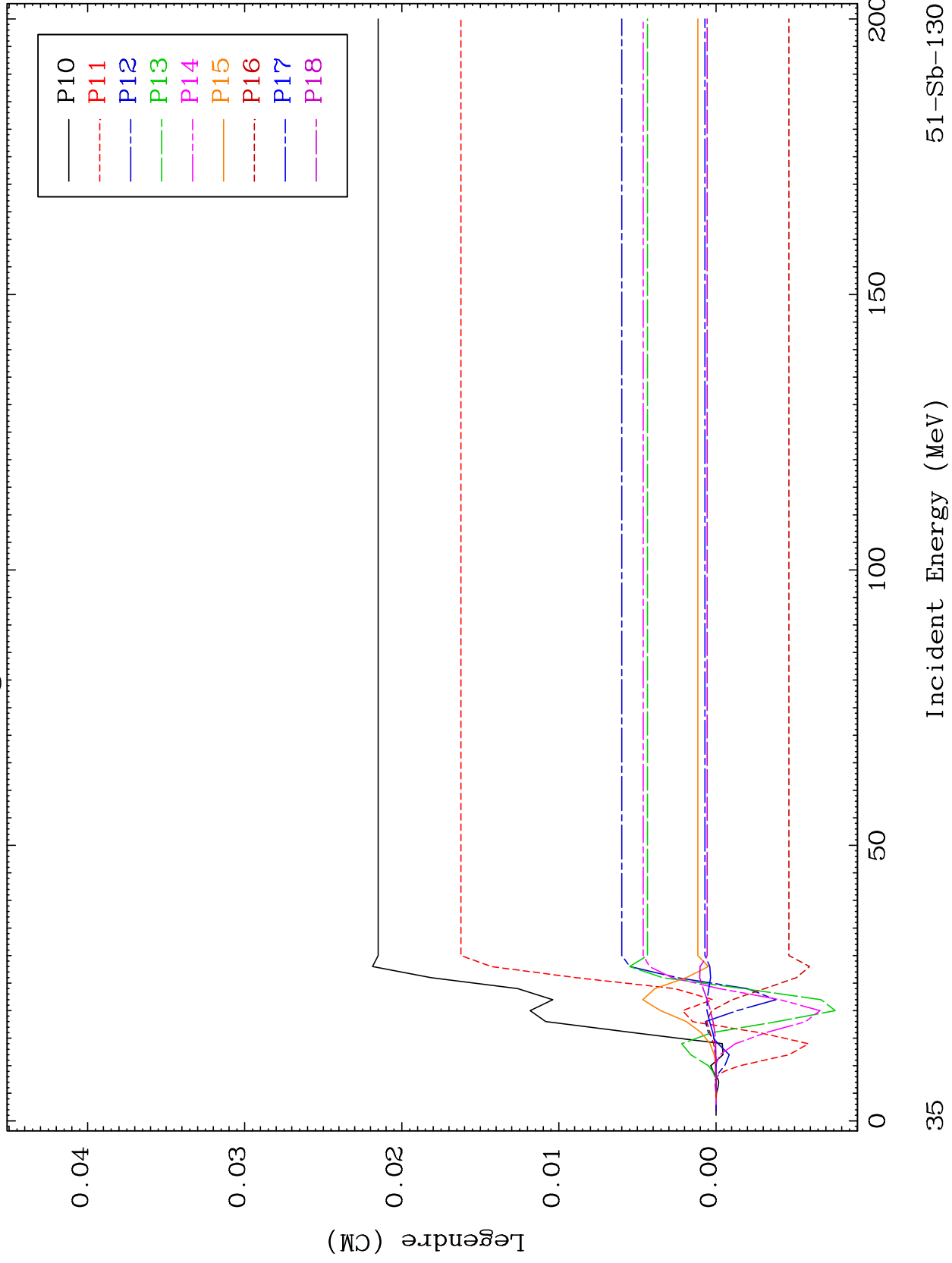
Incident Energy (MeV)

34

MAT 5152

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

51-Sb-130



51-Sb-130

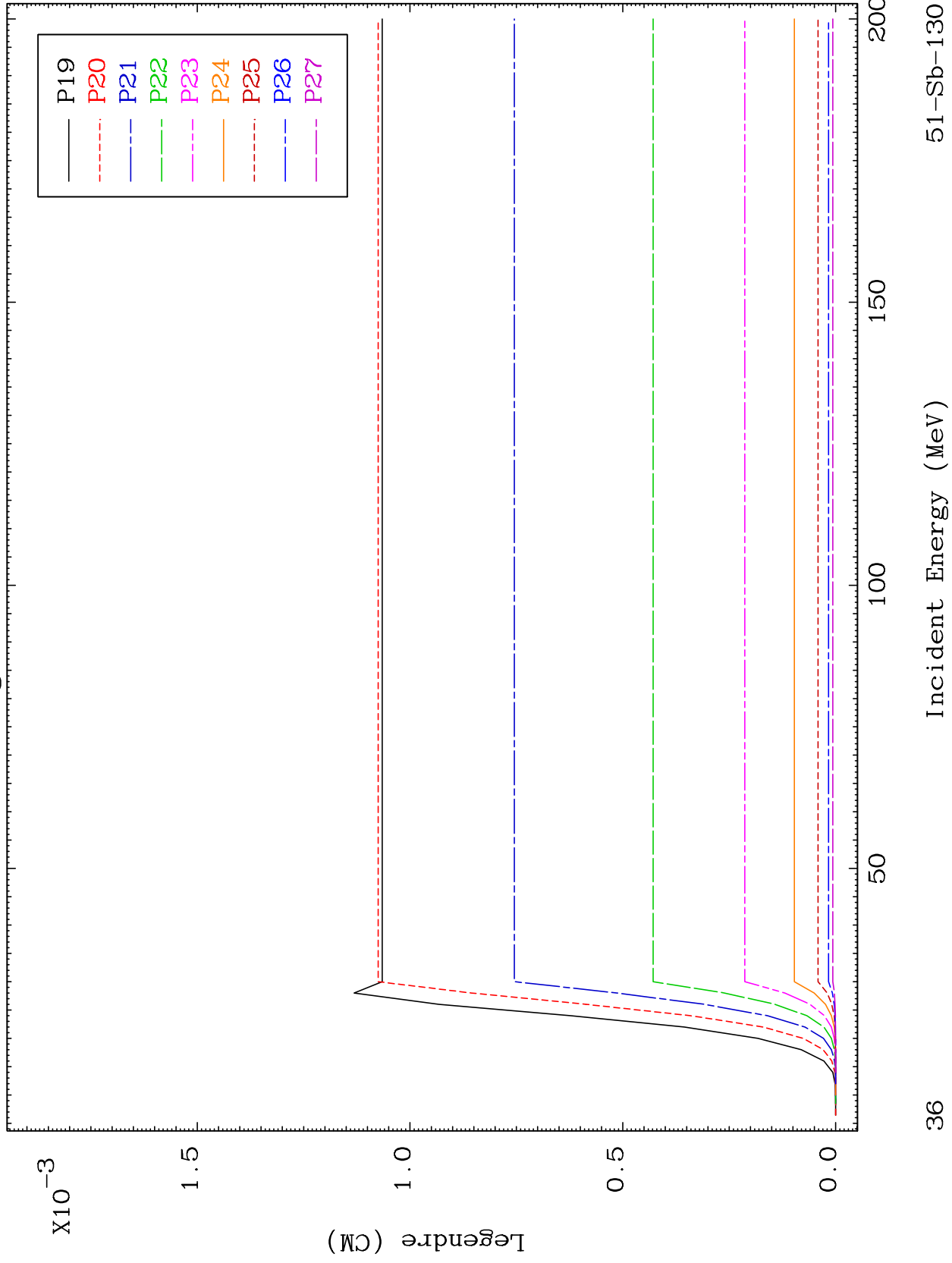
Incident Energy (MeV)

35

MAT 5152

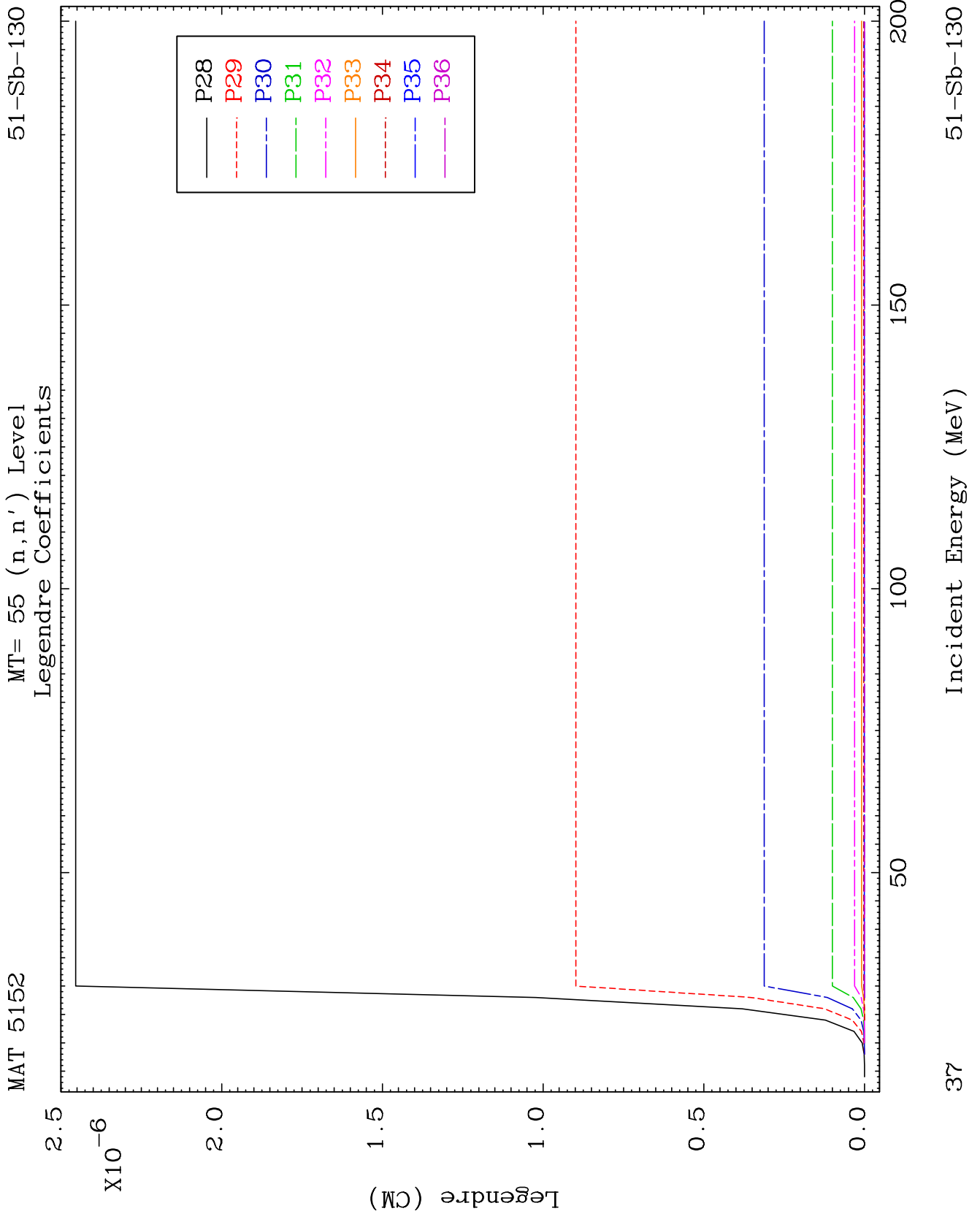
MT= 55 (n,n') Level
Legendre Coefficients

51-Sb-130



36

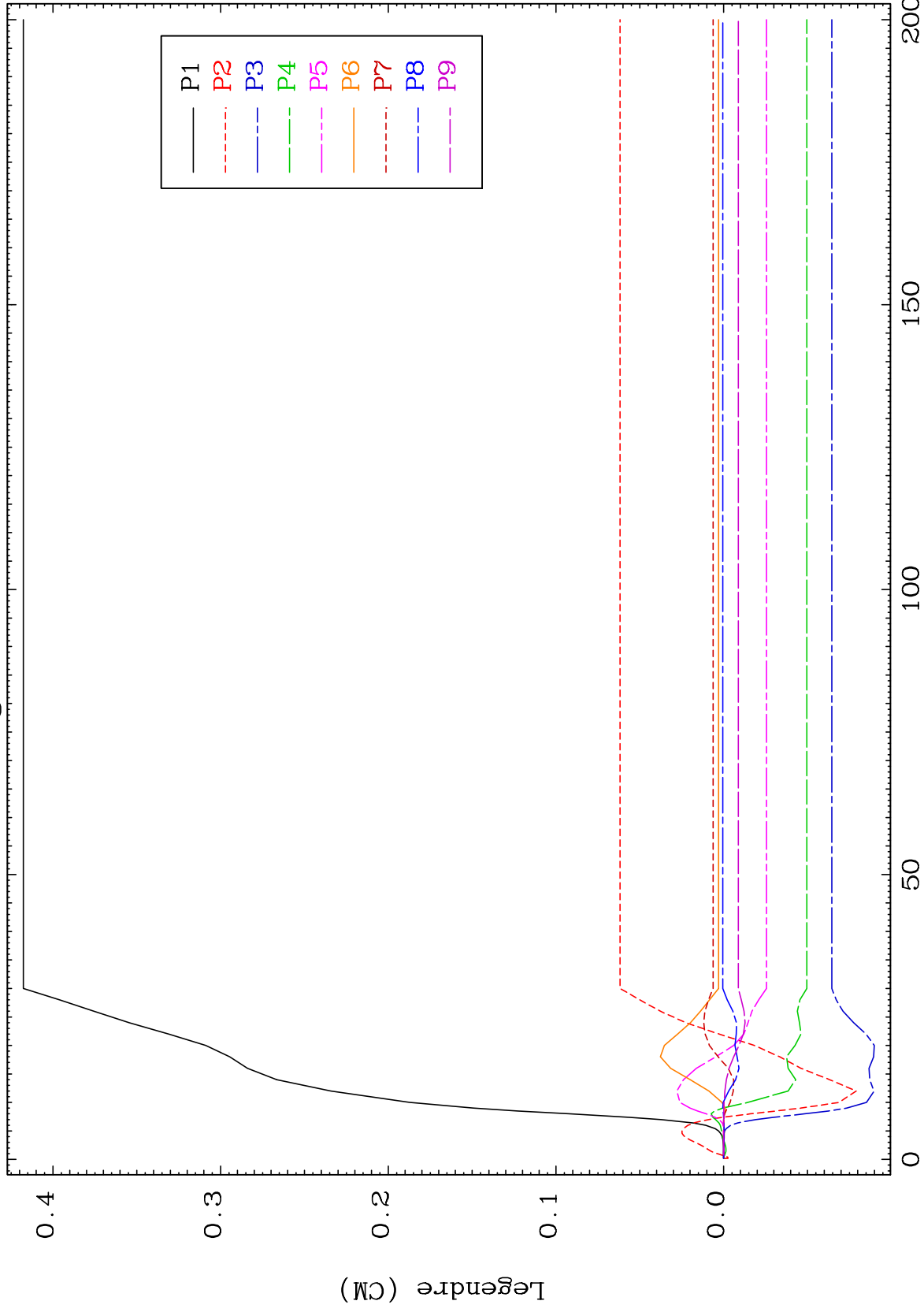
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

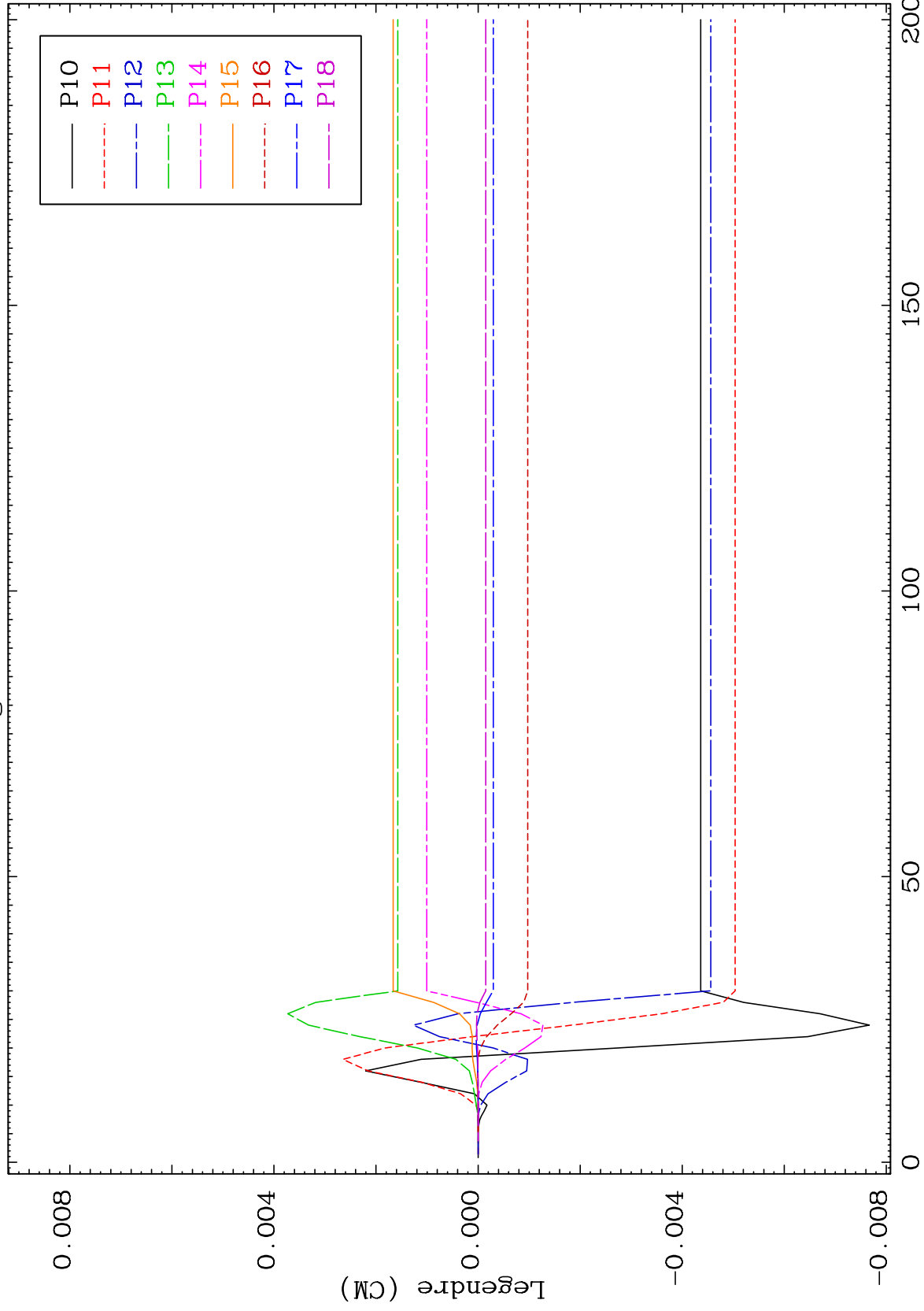
Incident Energy (MeV)

38

MAT 5152

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

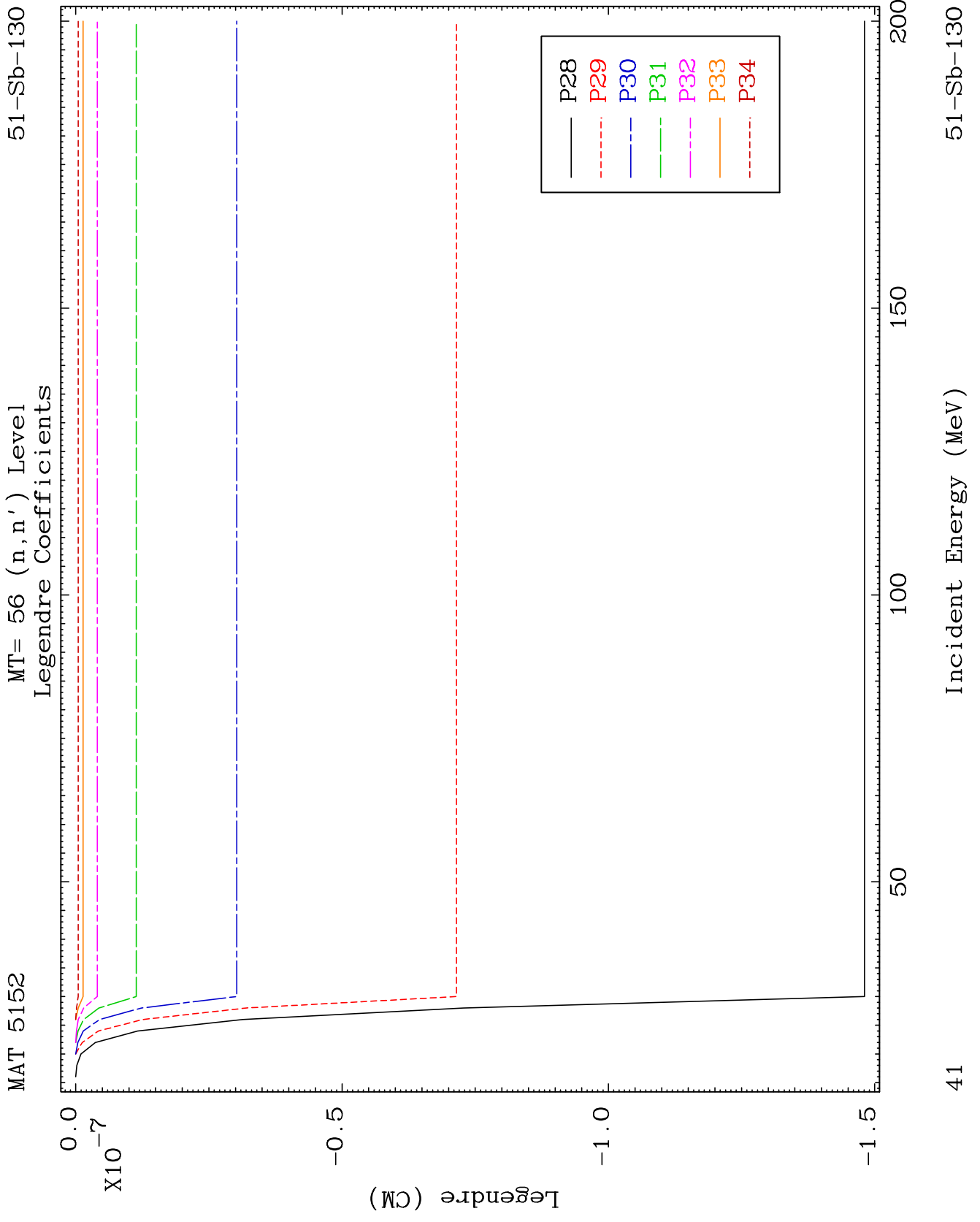
51-Sb-130



39

51-Sb-130

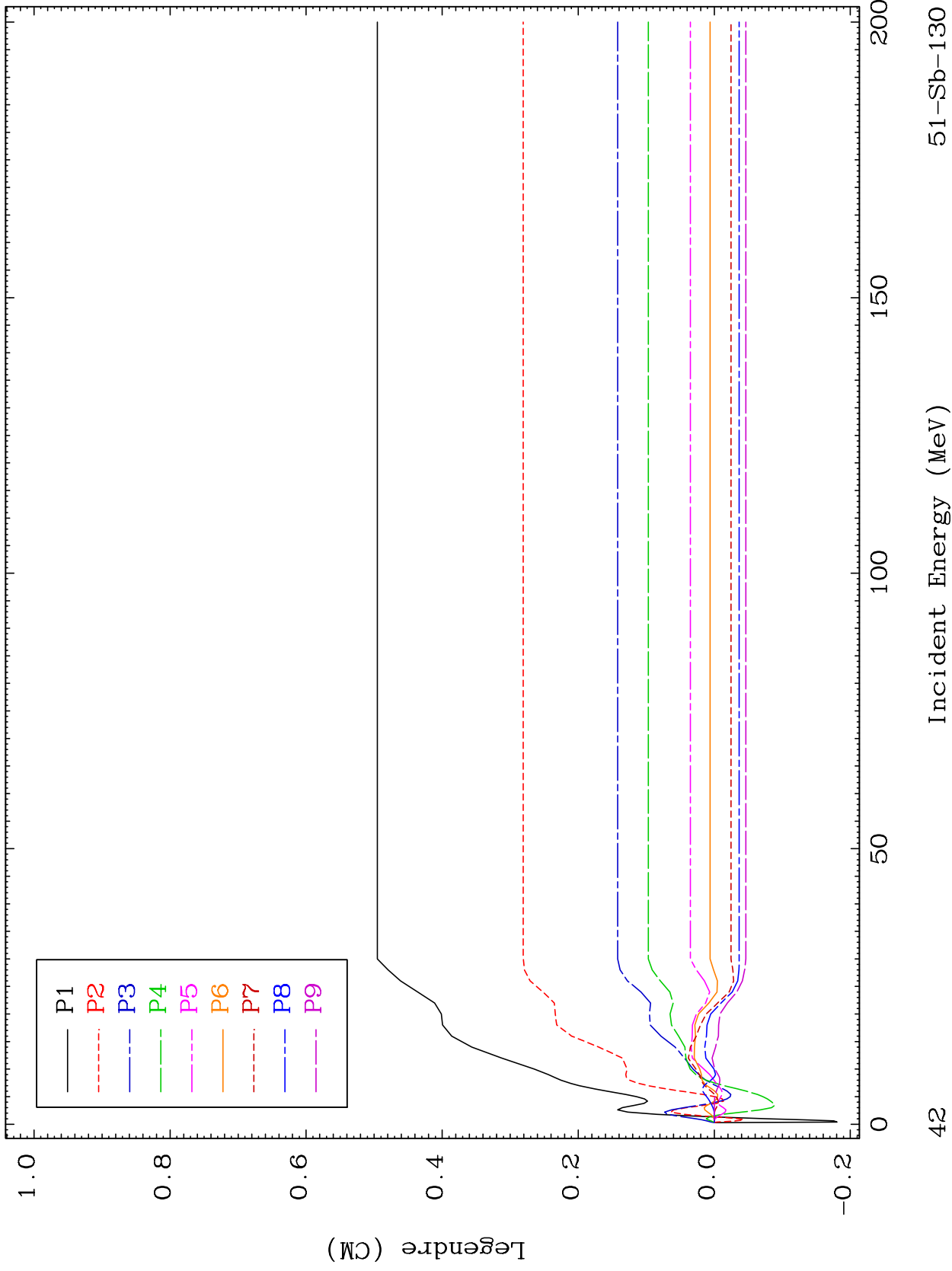
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

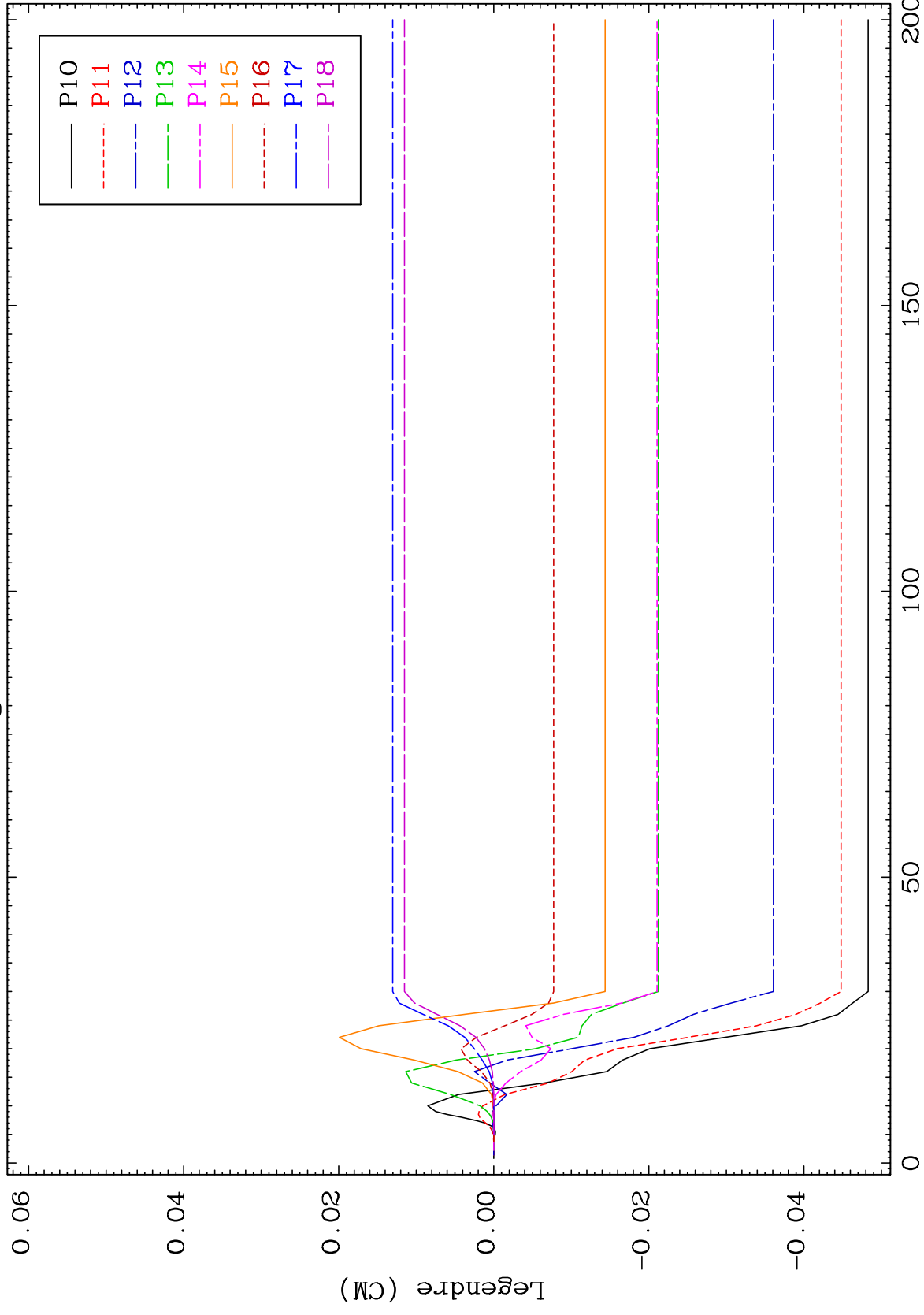
Incident Energy (MeV)

42

MAT 5152

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

51-Sb-130



43

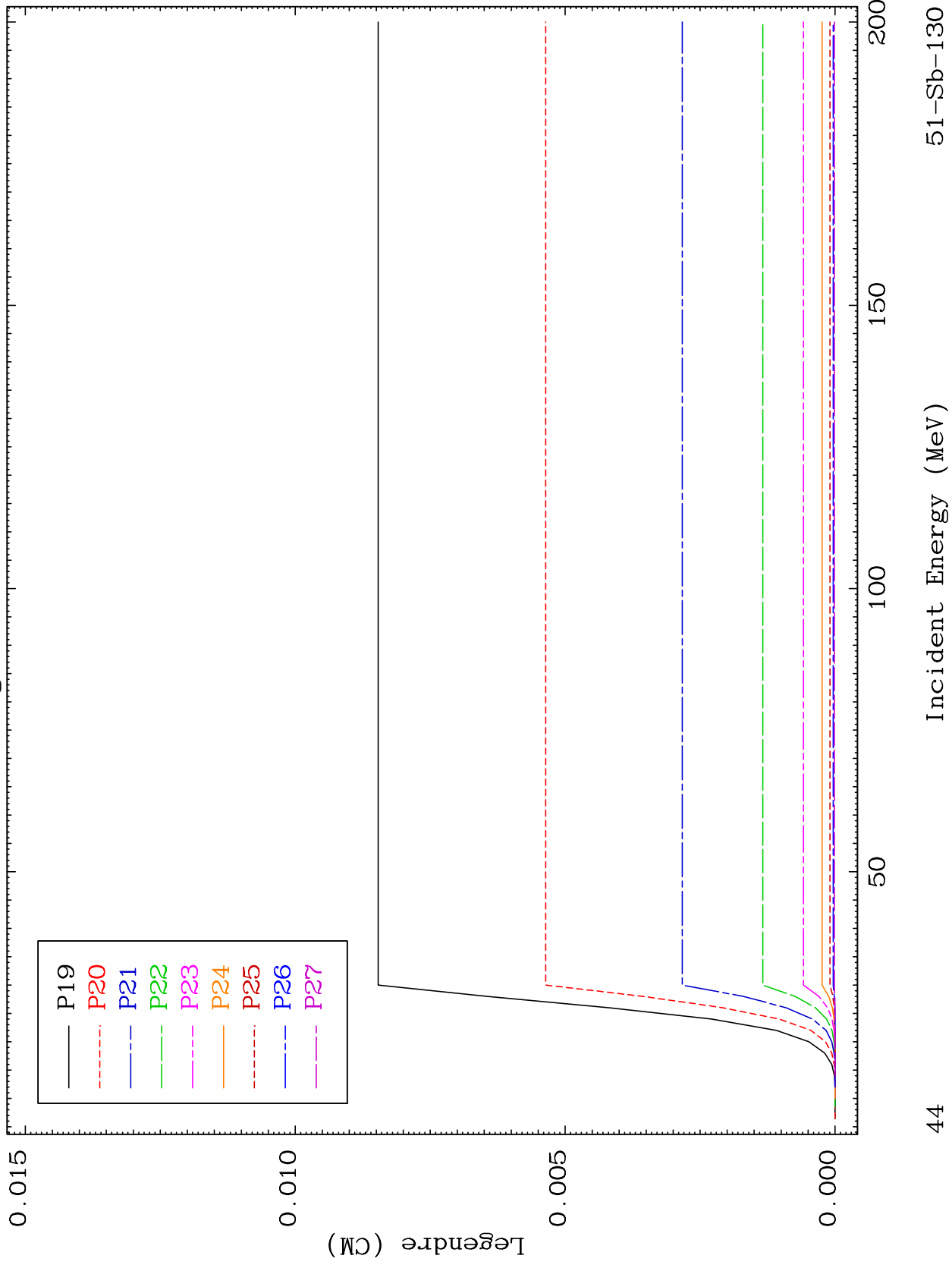
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



44

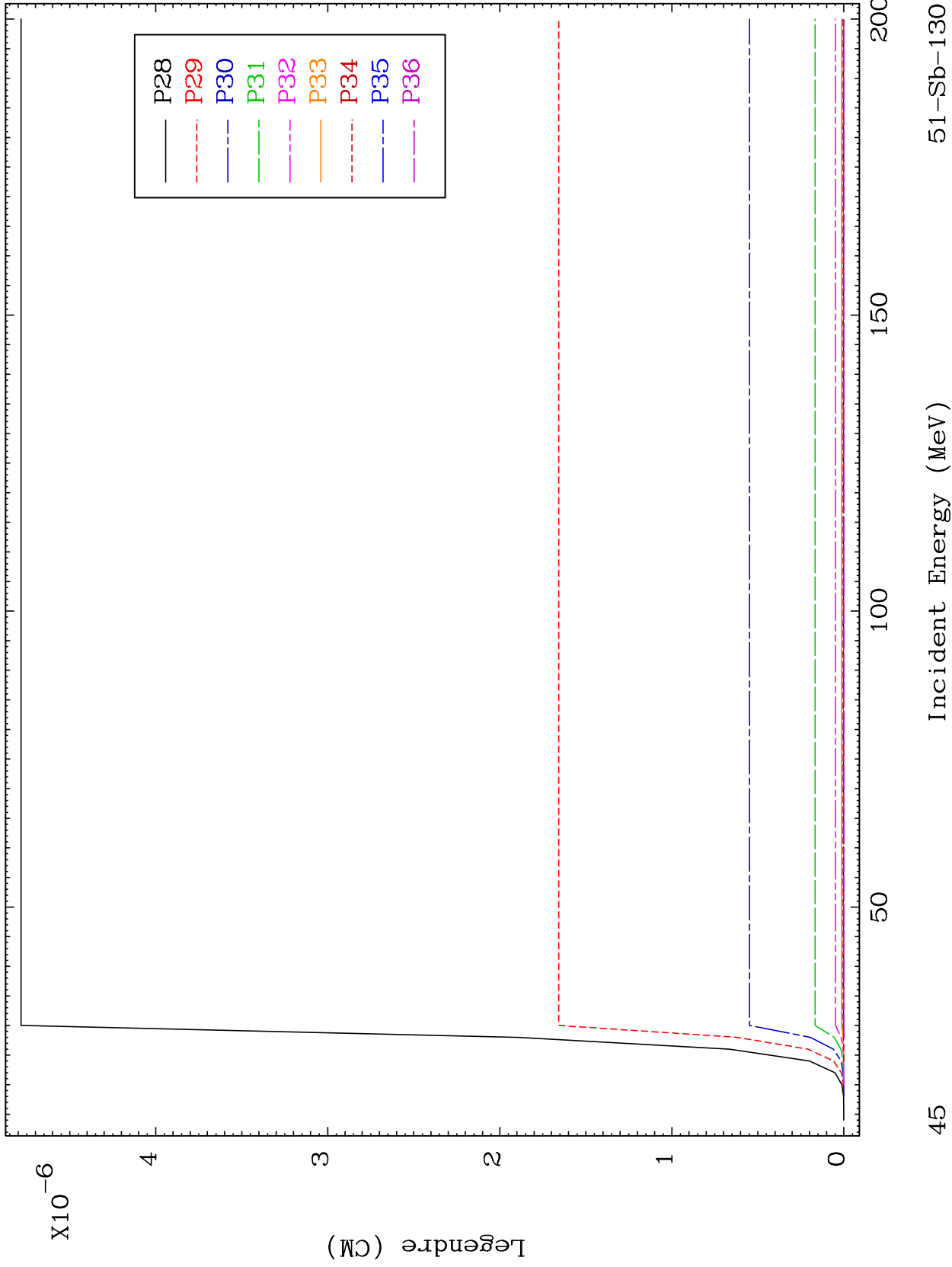
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

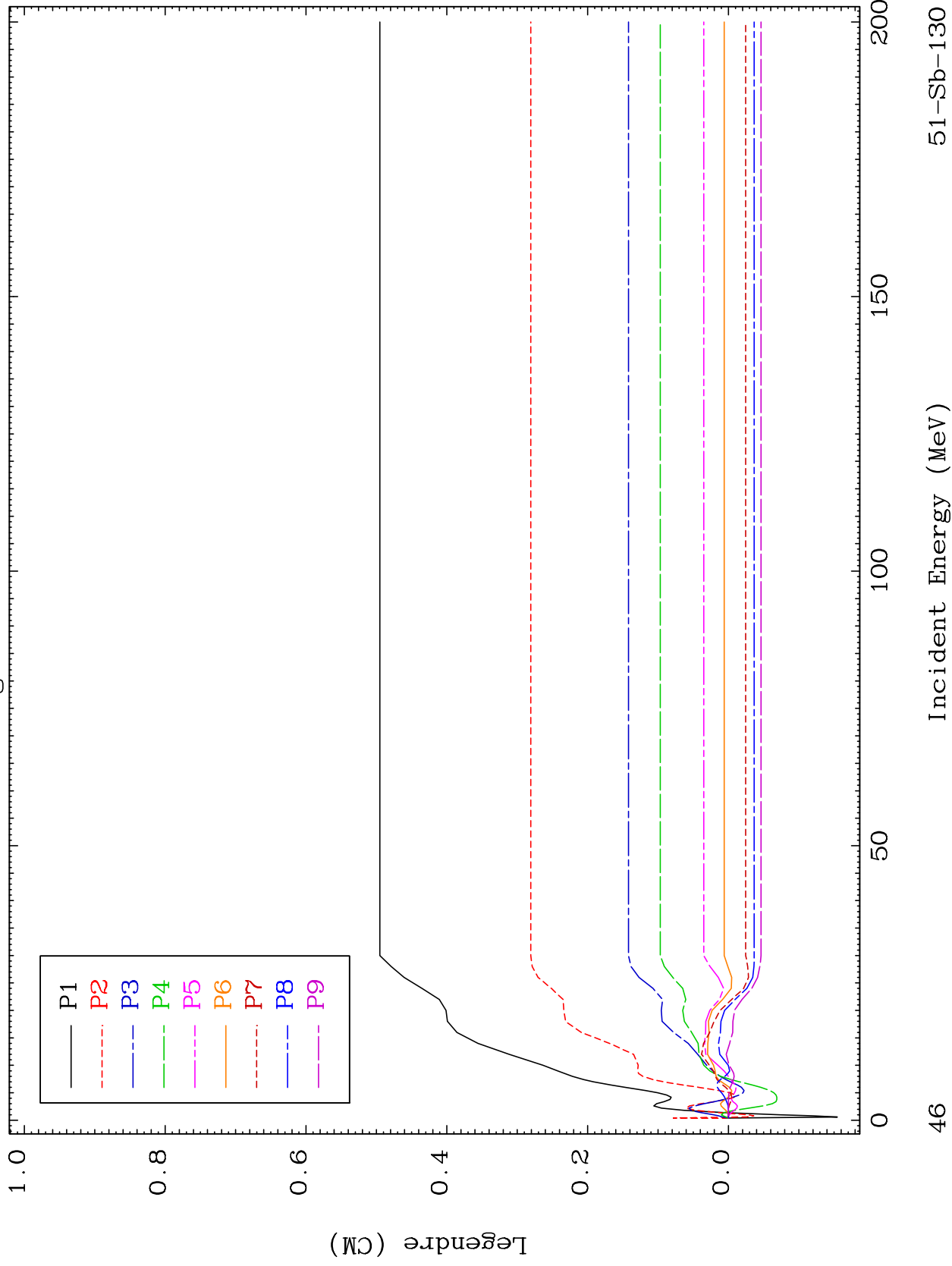
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

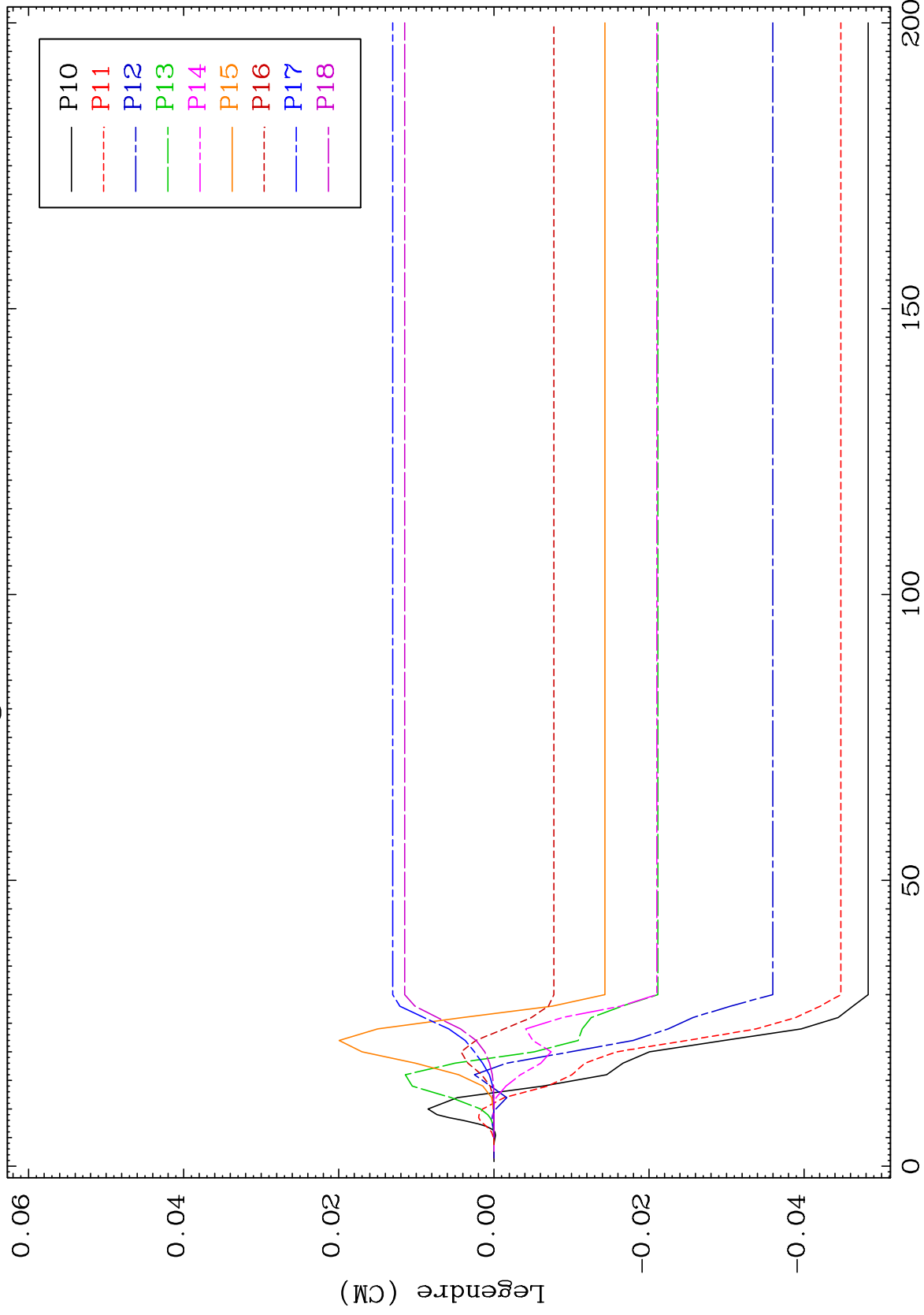
Incident Energy (MeV)

46

MAT 5152

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

51-Sb-130



47

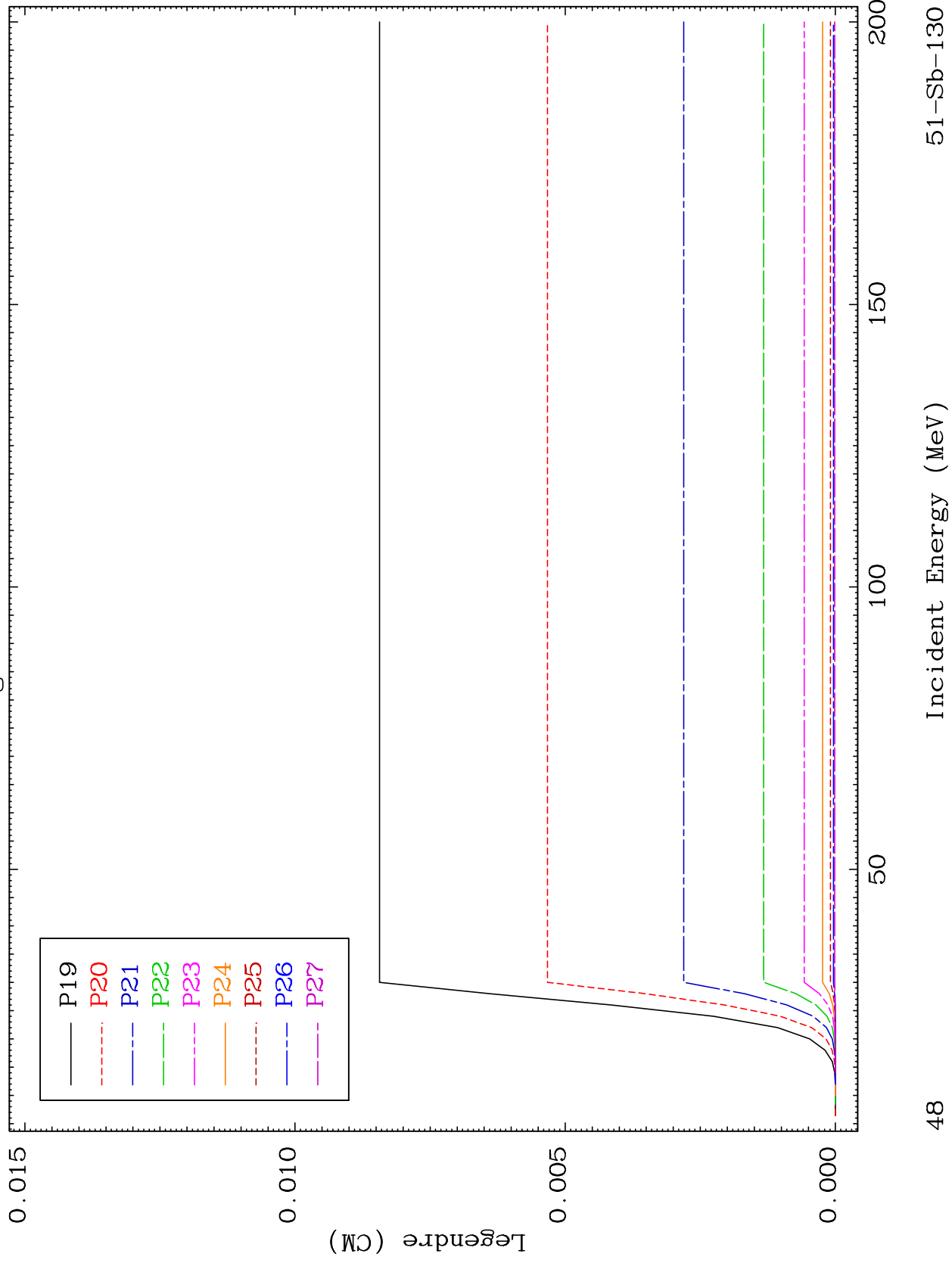
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



48

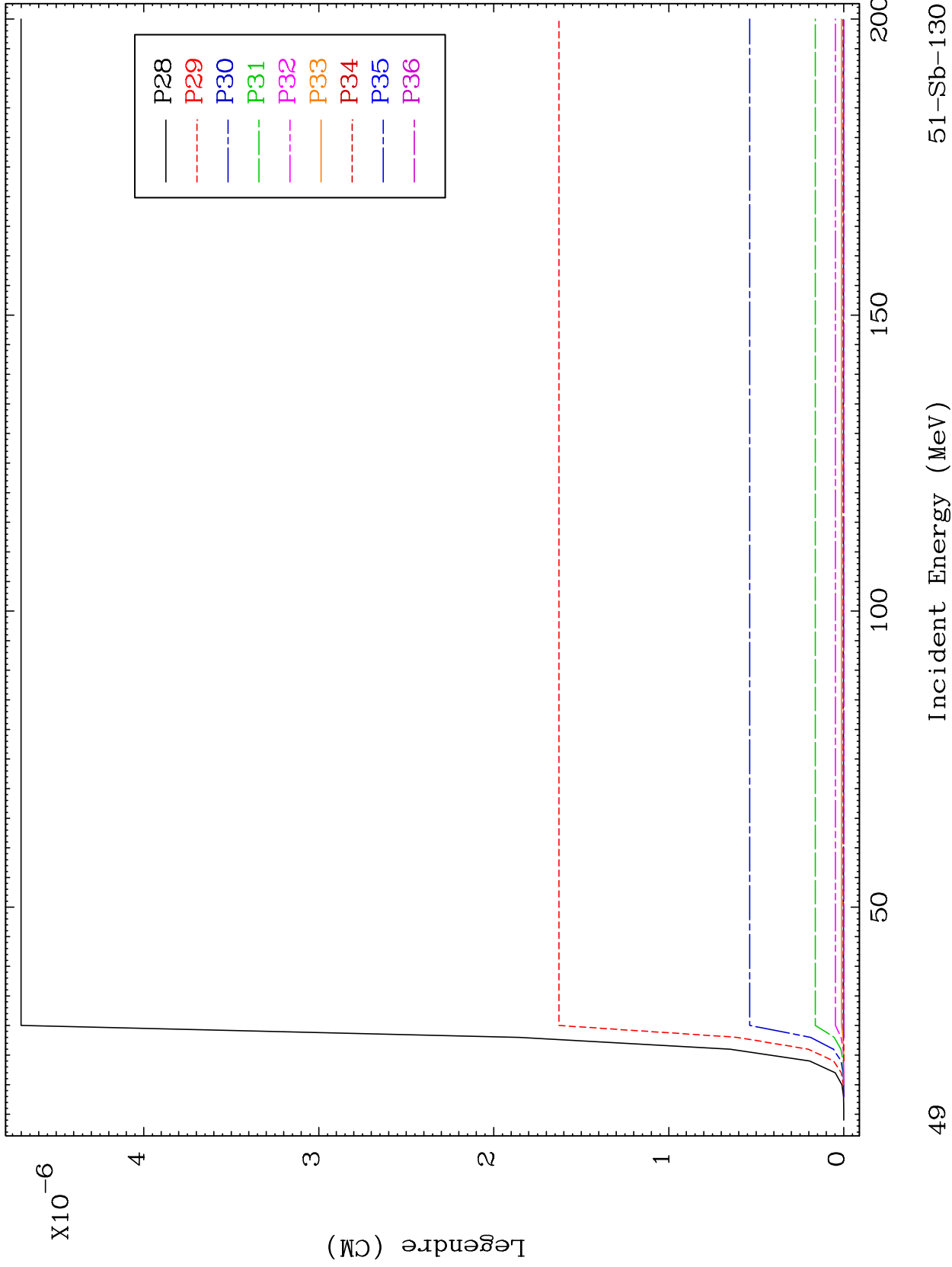
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



49

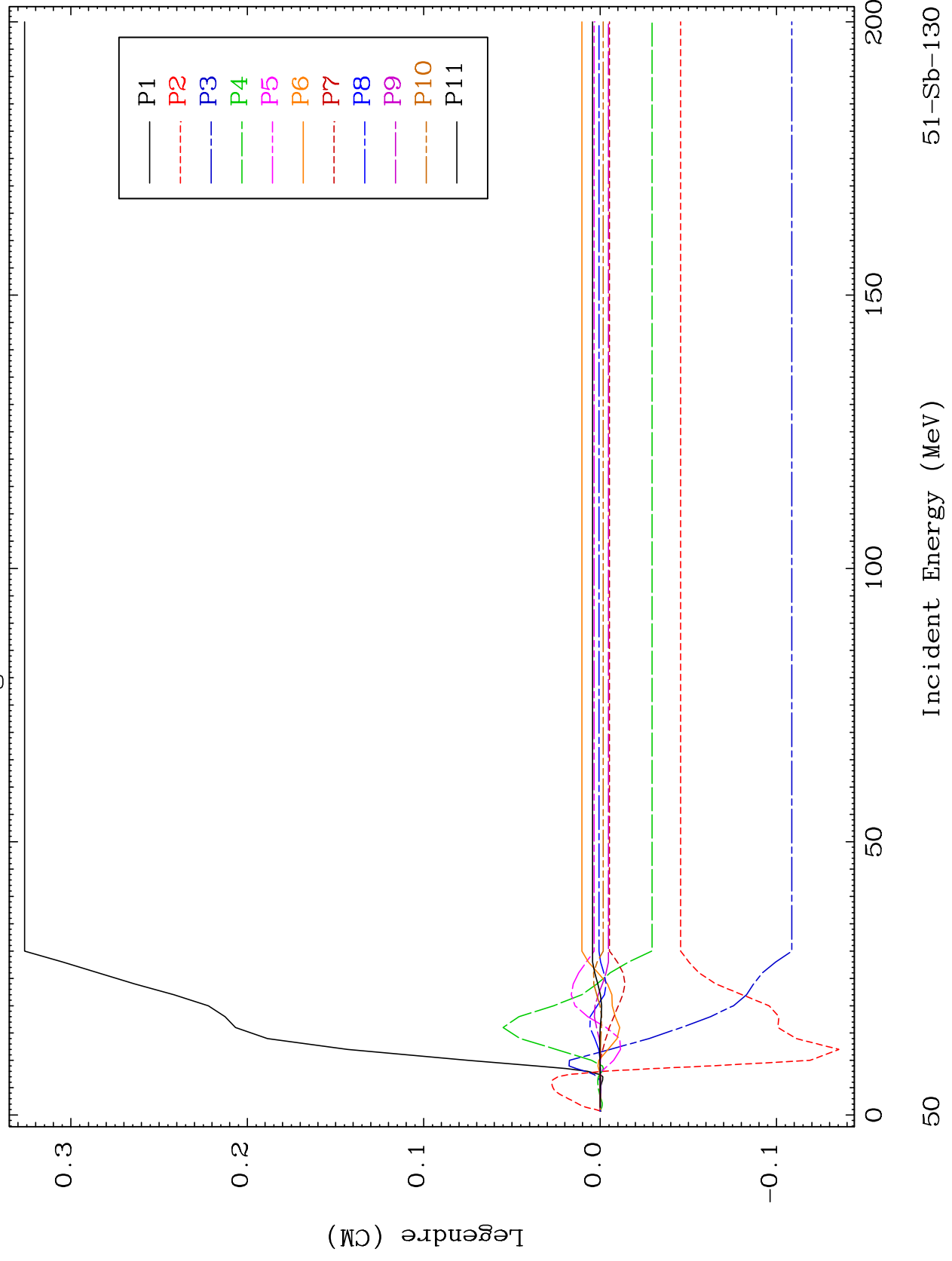
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



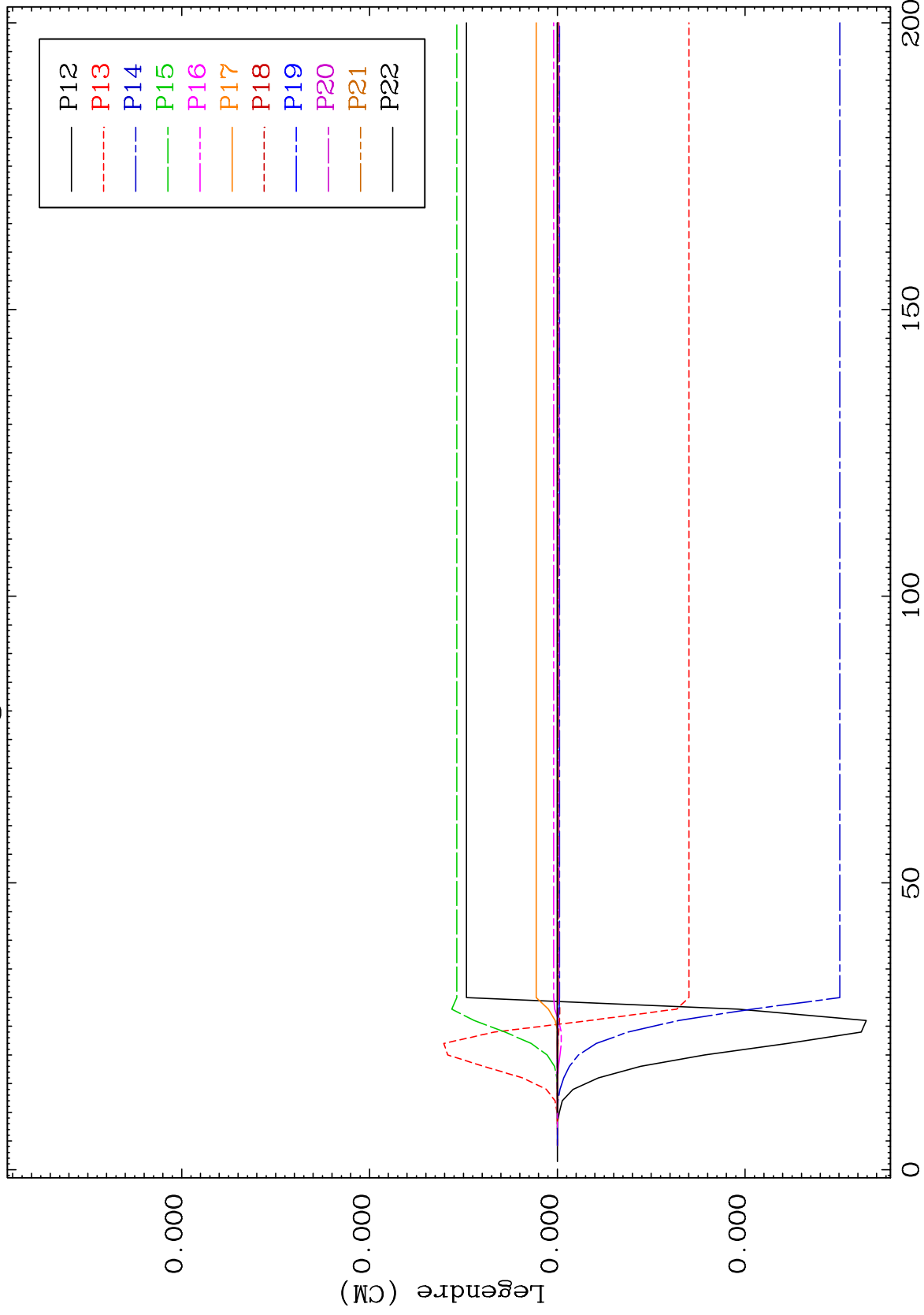
51-Sb-130

Incident Energy (MeV)

MAT 5152

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

51-Sb-130



51

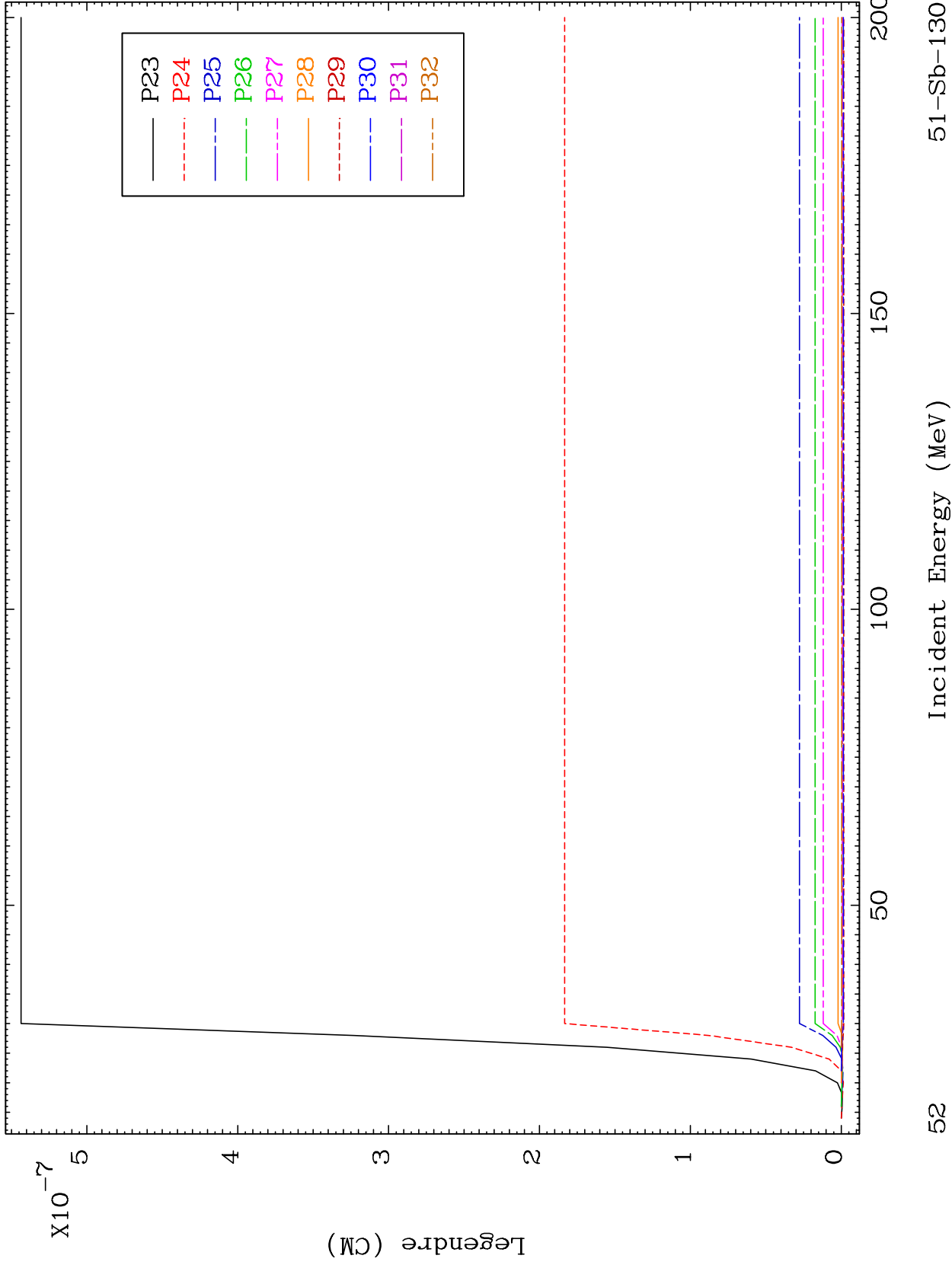
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



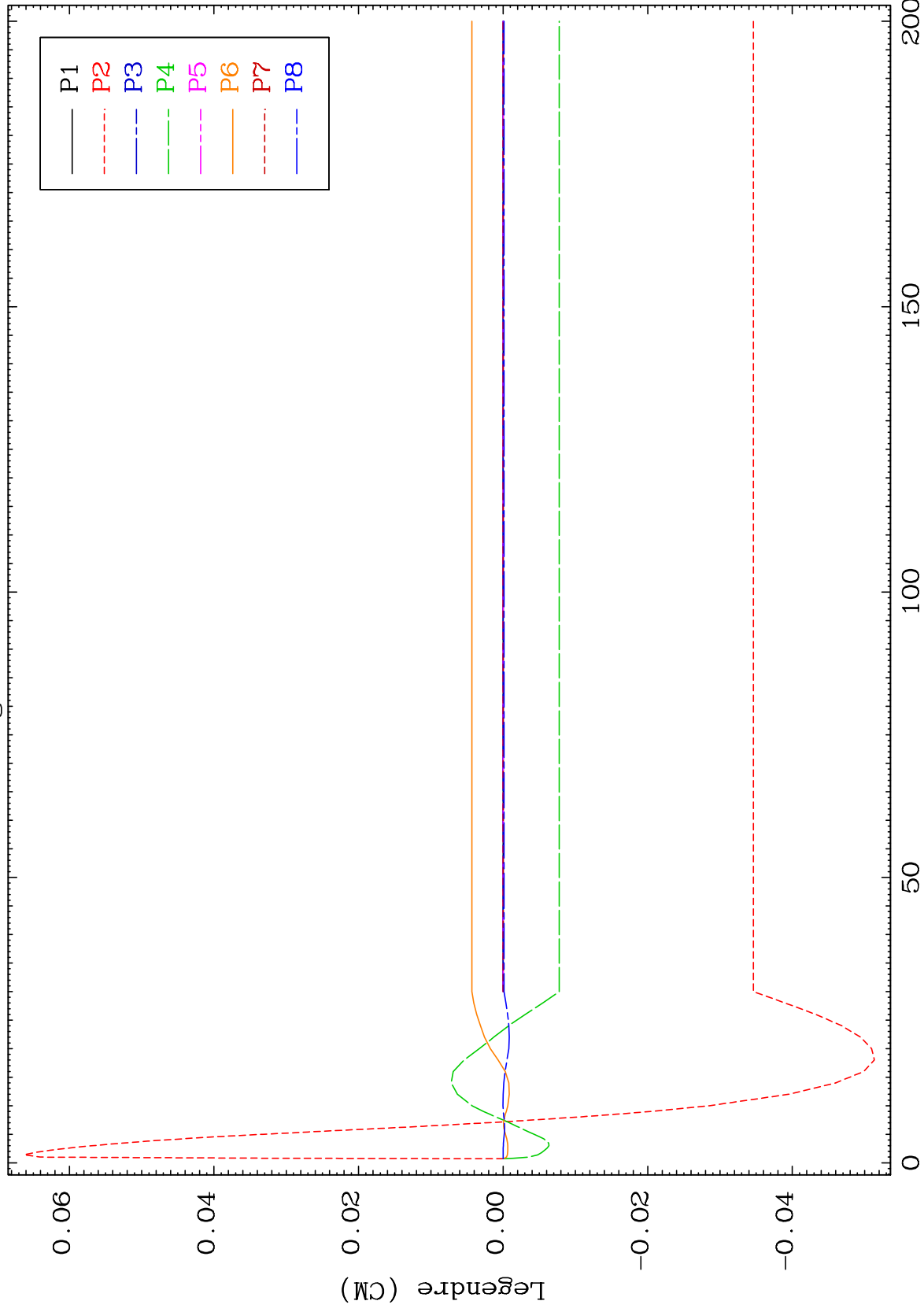
52

51-Sb-130

MAT 5152

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

51-Sb-130



51-Sb-130

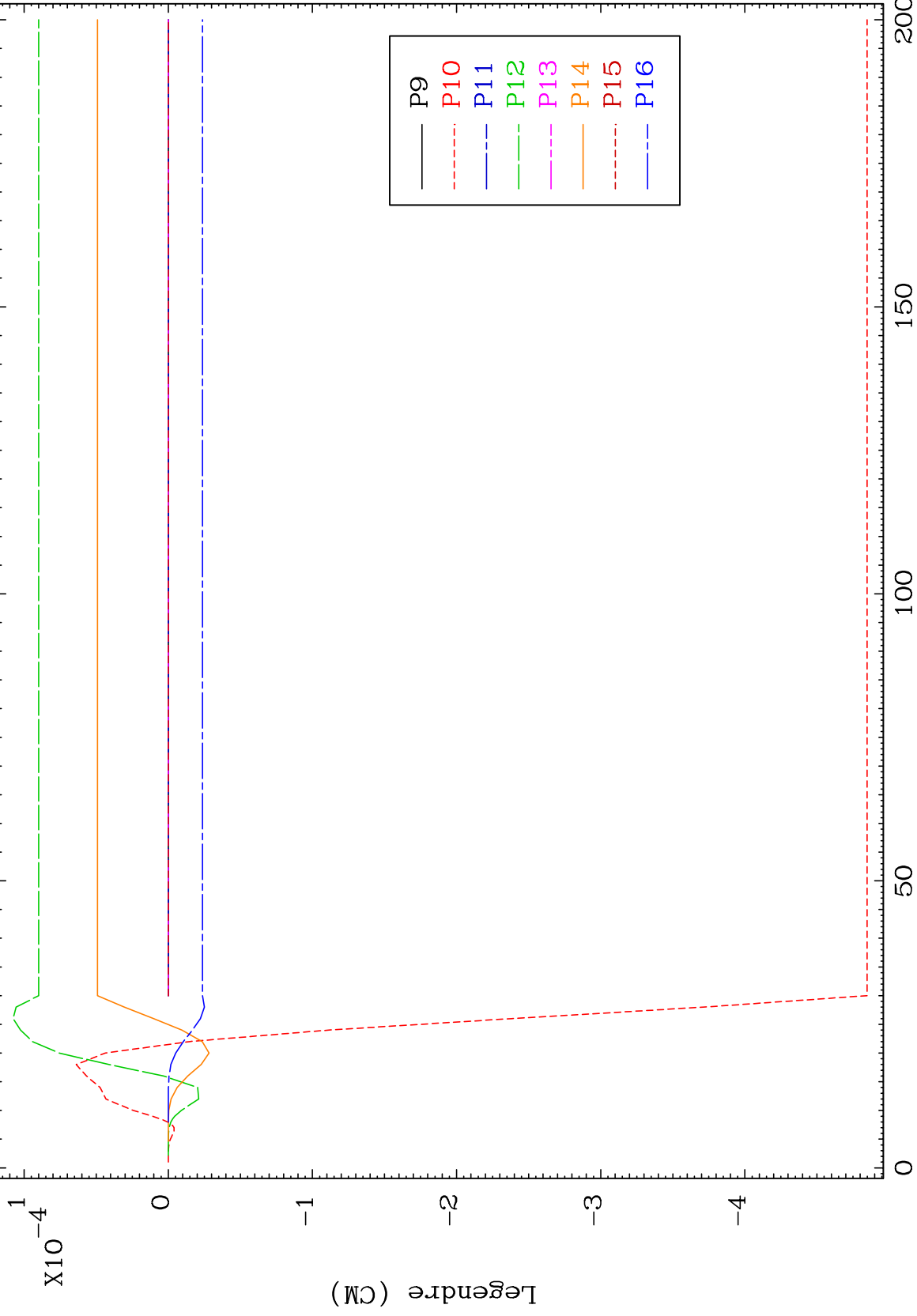
Incident Energy (MeV)

53

MAT 5152

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

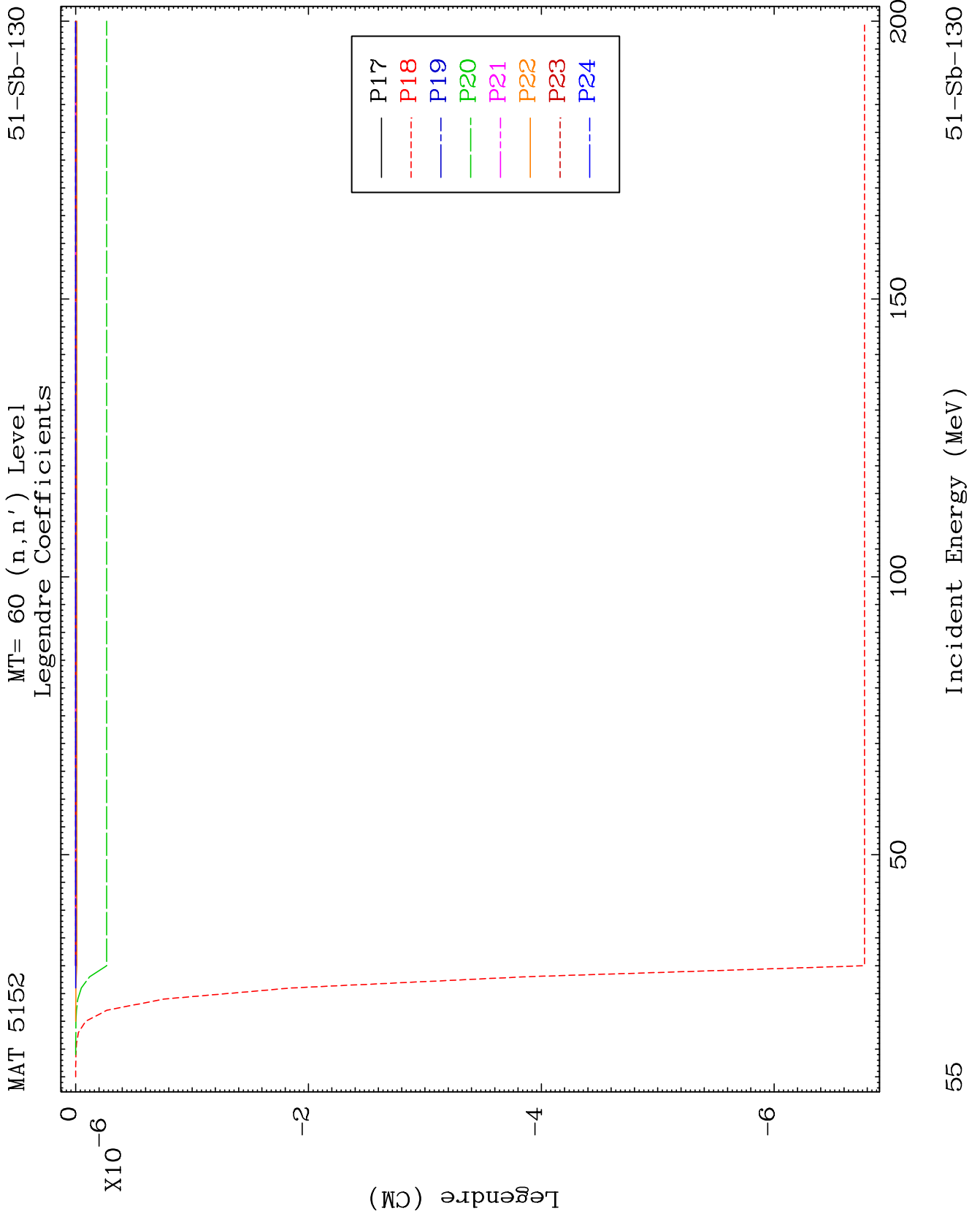
51-Sb-130



54

Incident Energy (MeV)

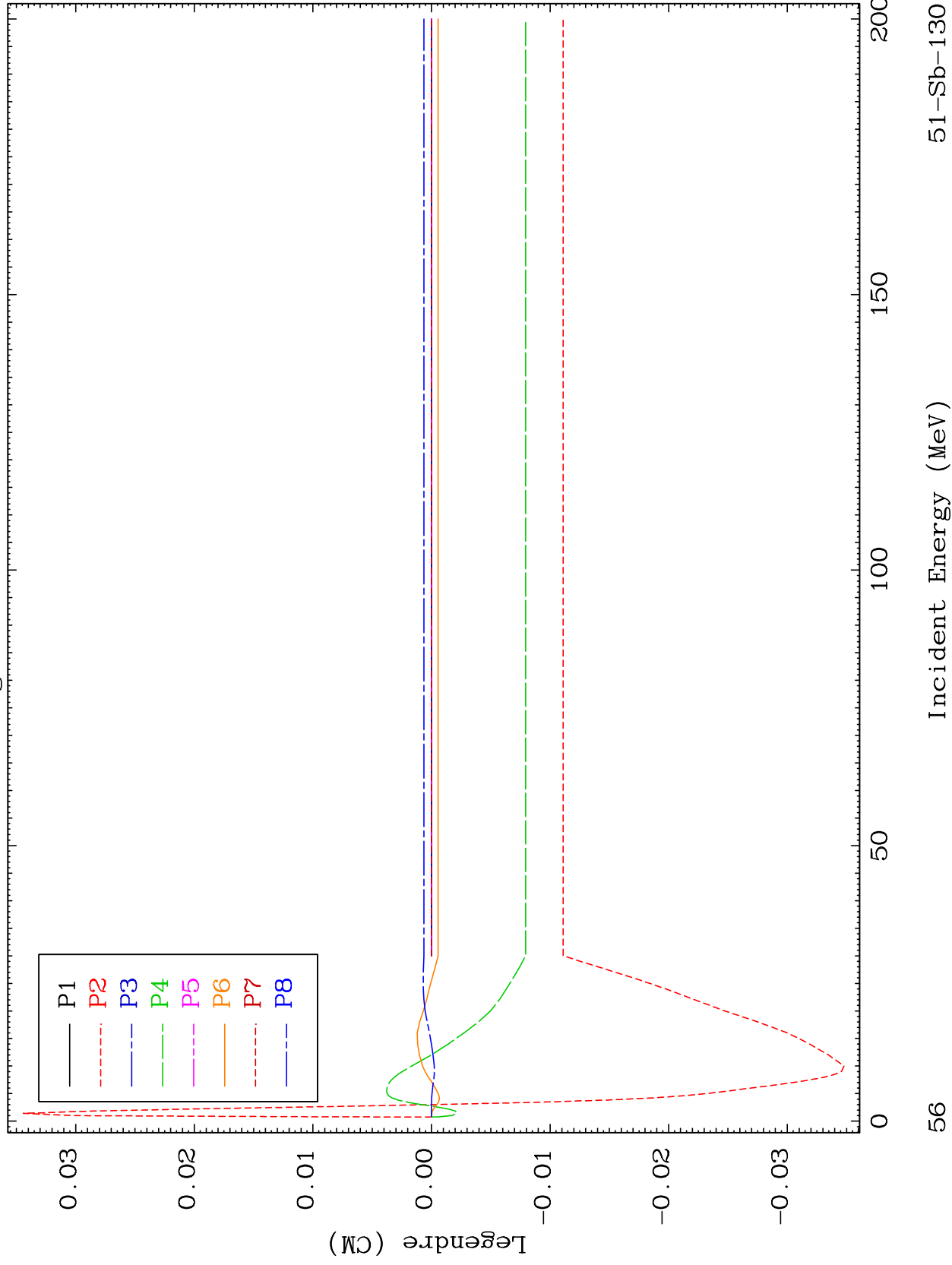
51-Sb-130



MAT 5152

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

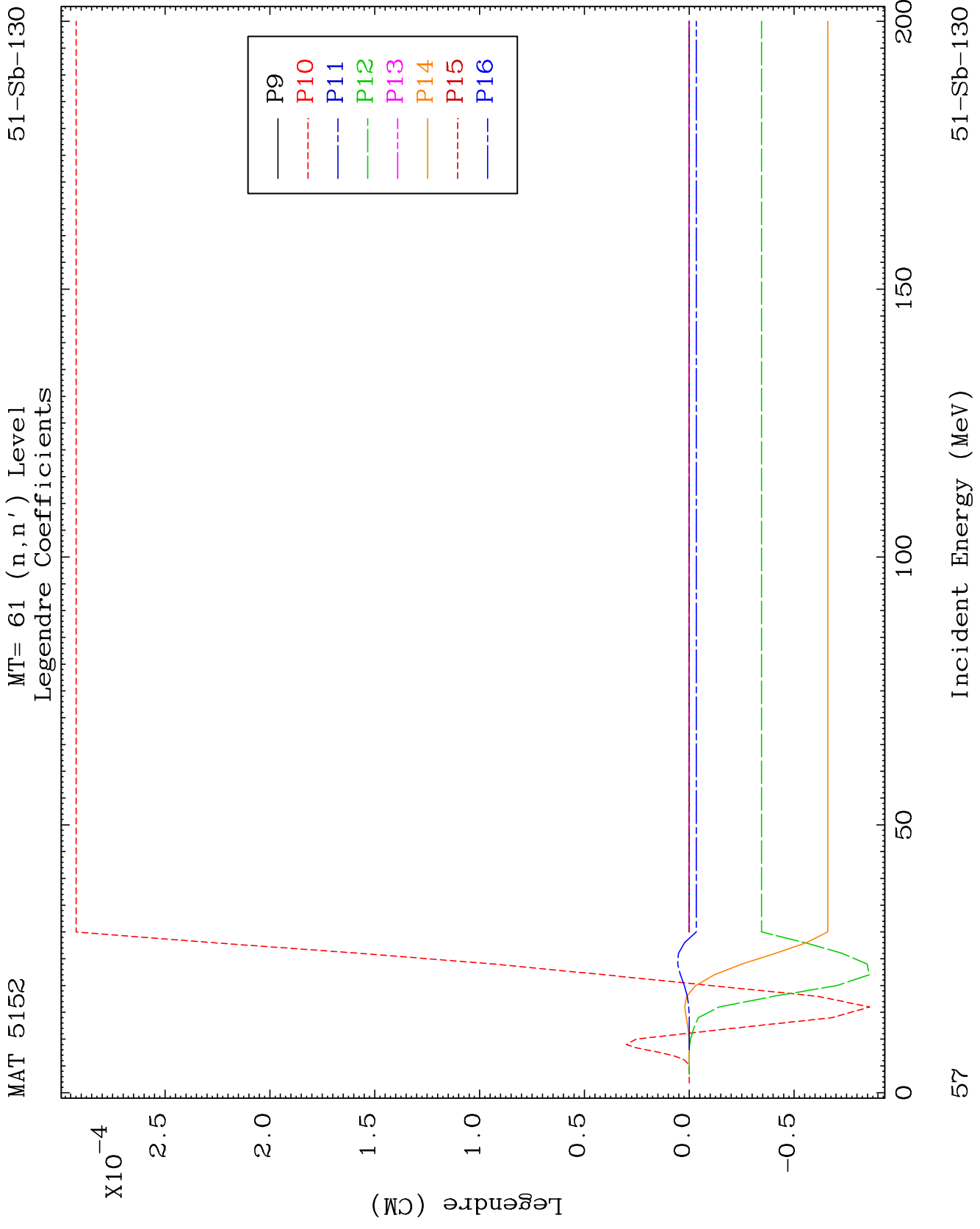
51-Sb-130

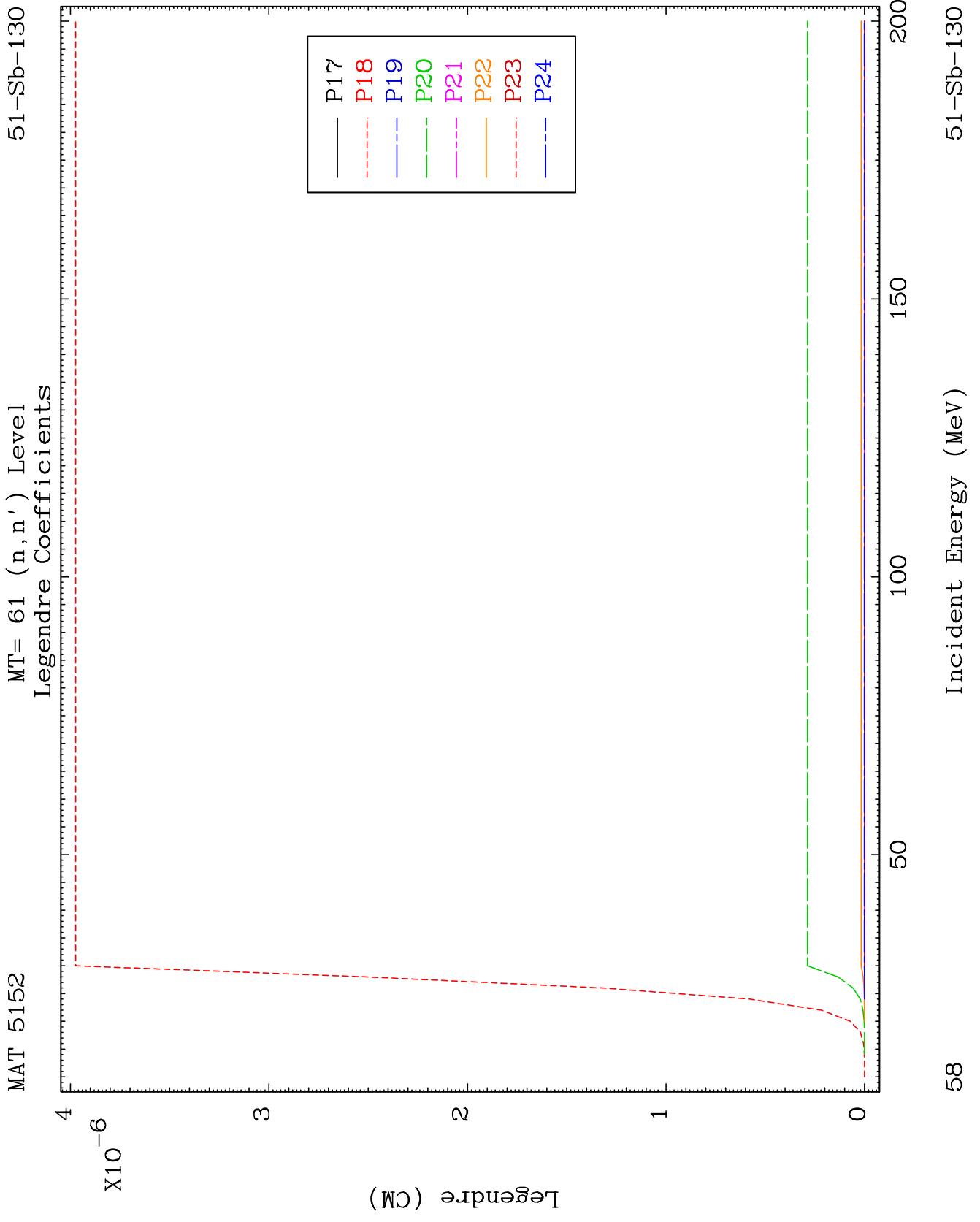


51-Sb-130

Incident Energy (MeV)

56

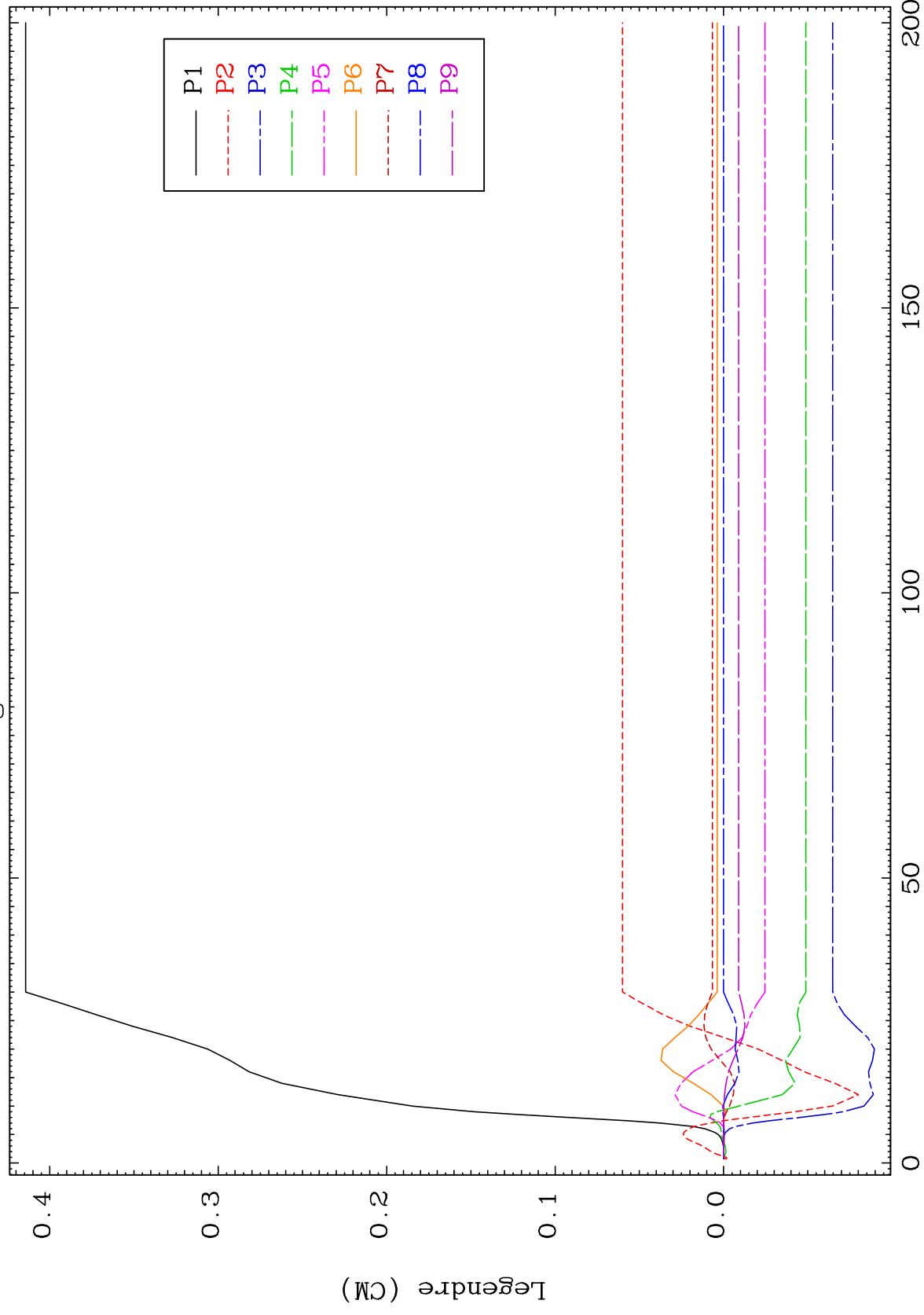




MAT 5152

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

51-Sb-130



51-Sb-130

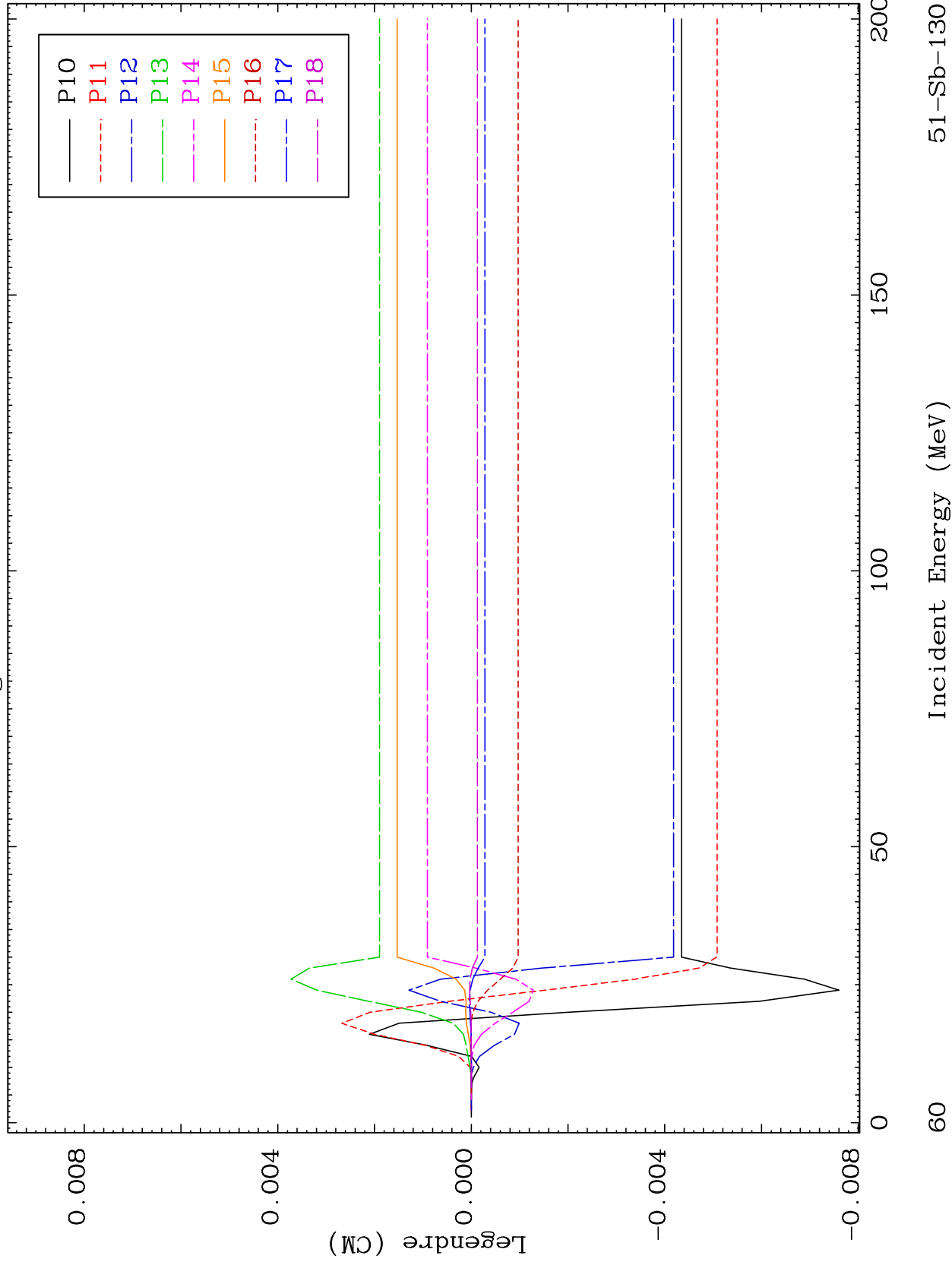
Incident Energy (MeV)

59

MAT 5152

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

51-Sb-130



51-Sb-130

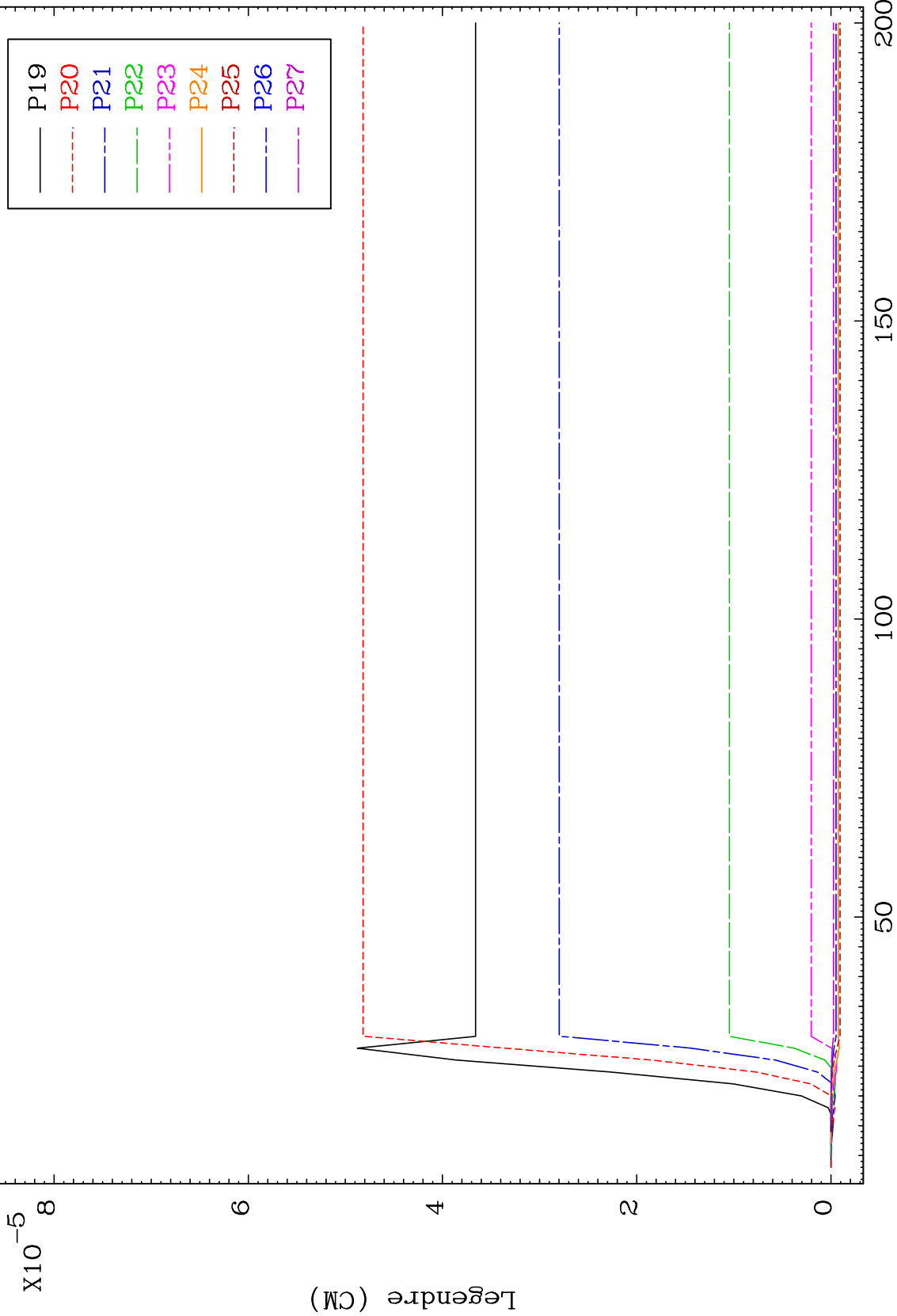
Incident Energy (MeV)

60

MAT 5152

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

51-Sb-130



61

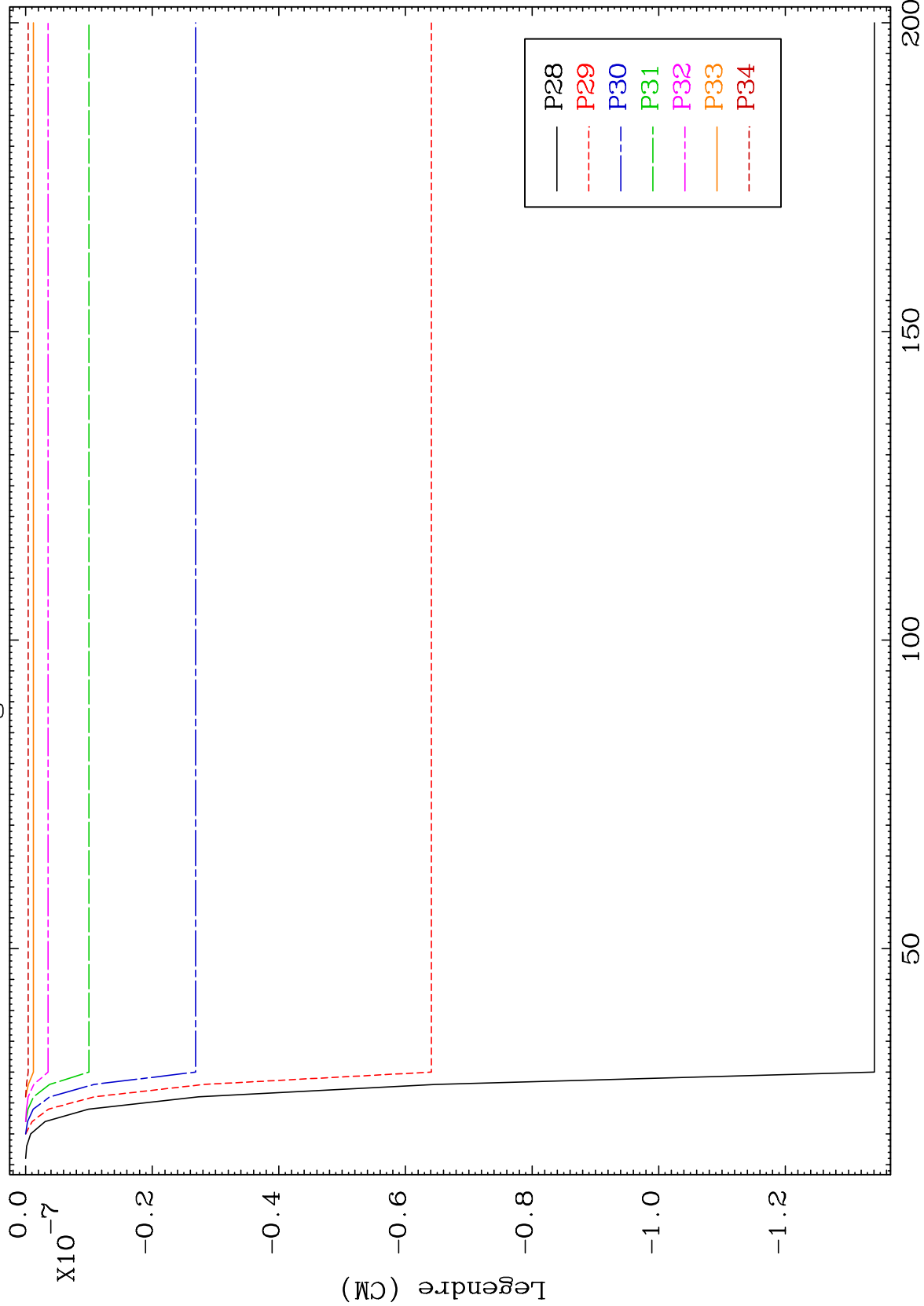
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

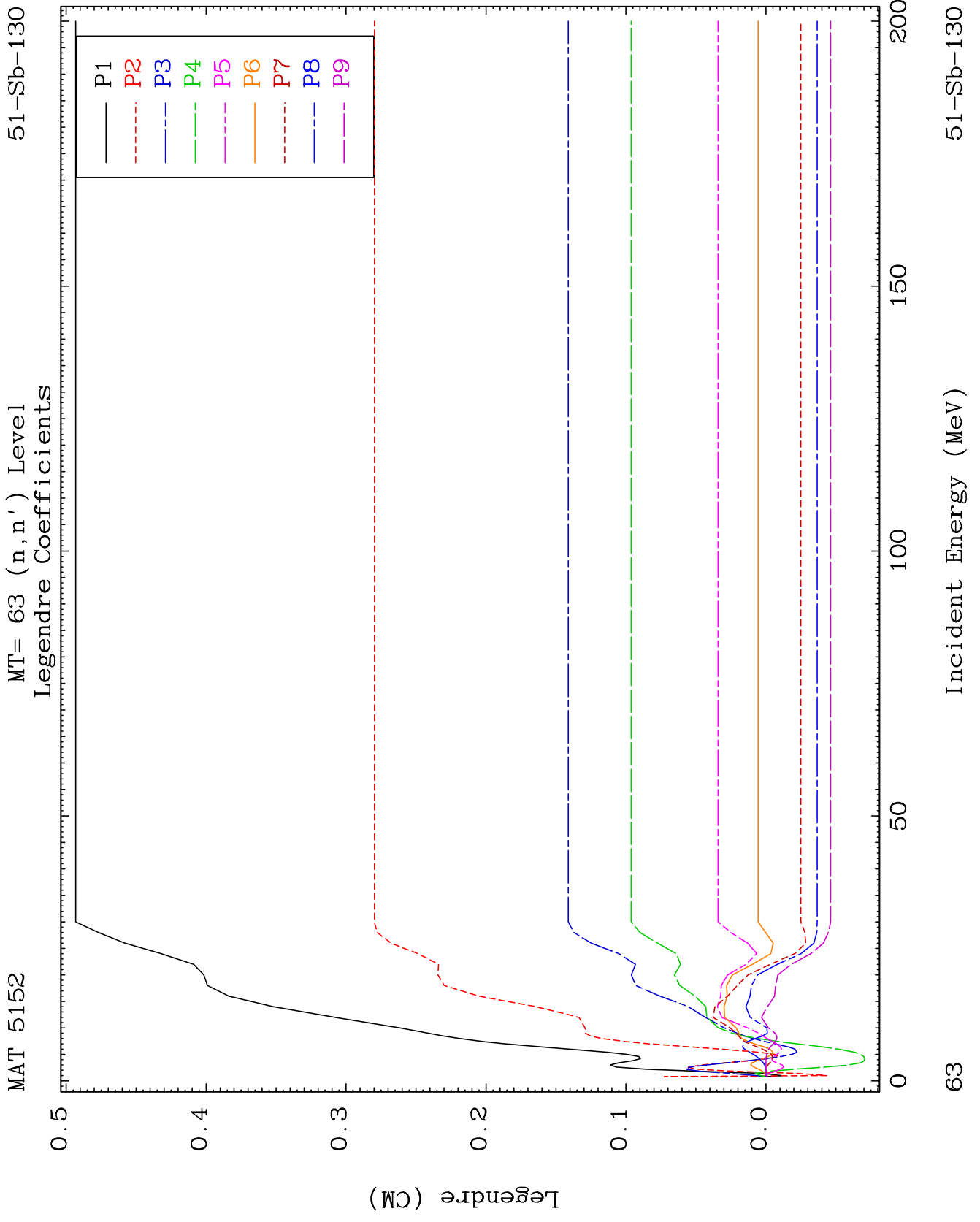
51-Sb-130



62

Incident Energy (MeV)

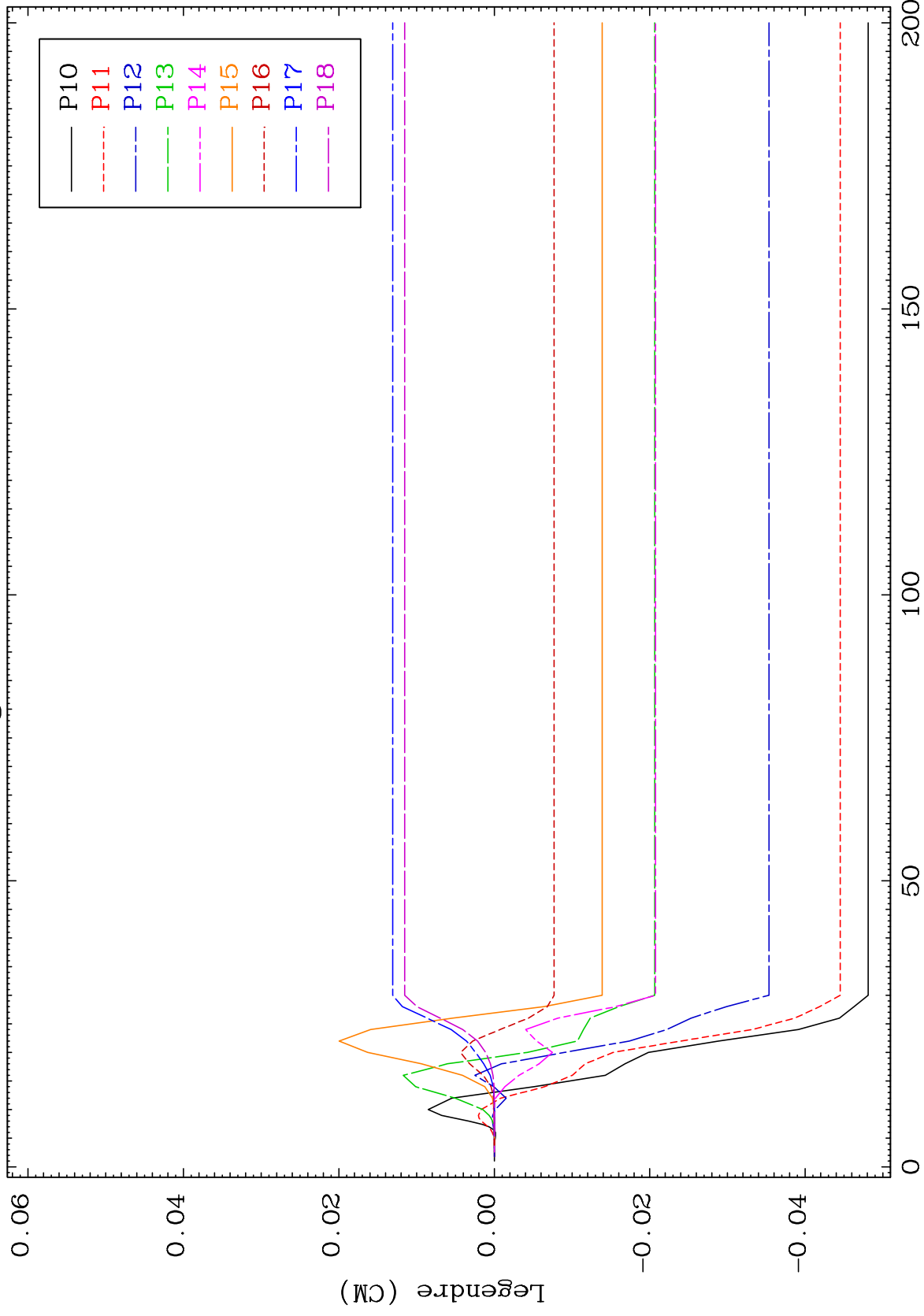
51-Sb-130



MAT 5152

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

51-Sb-130



64

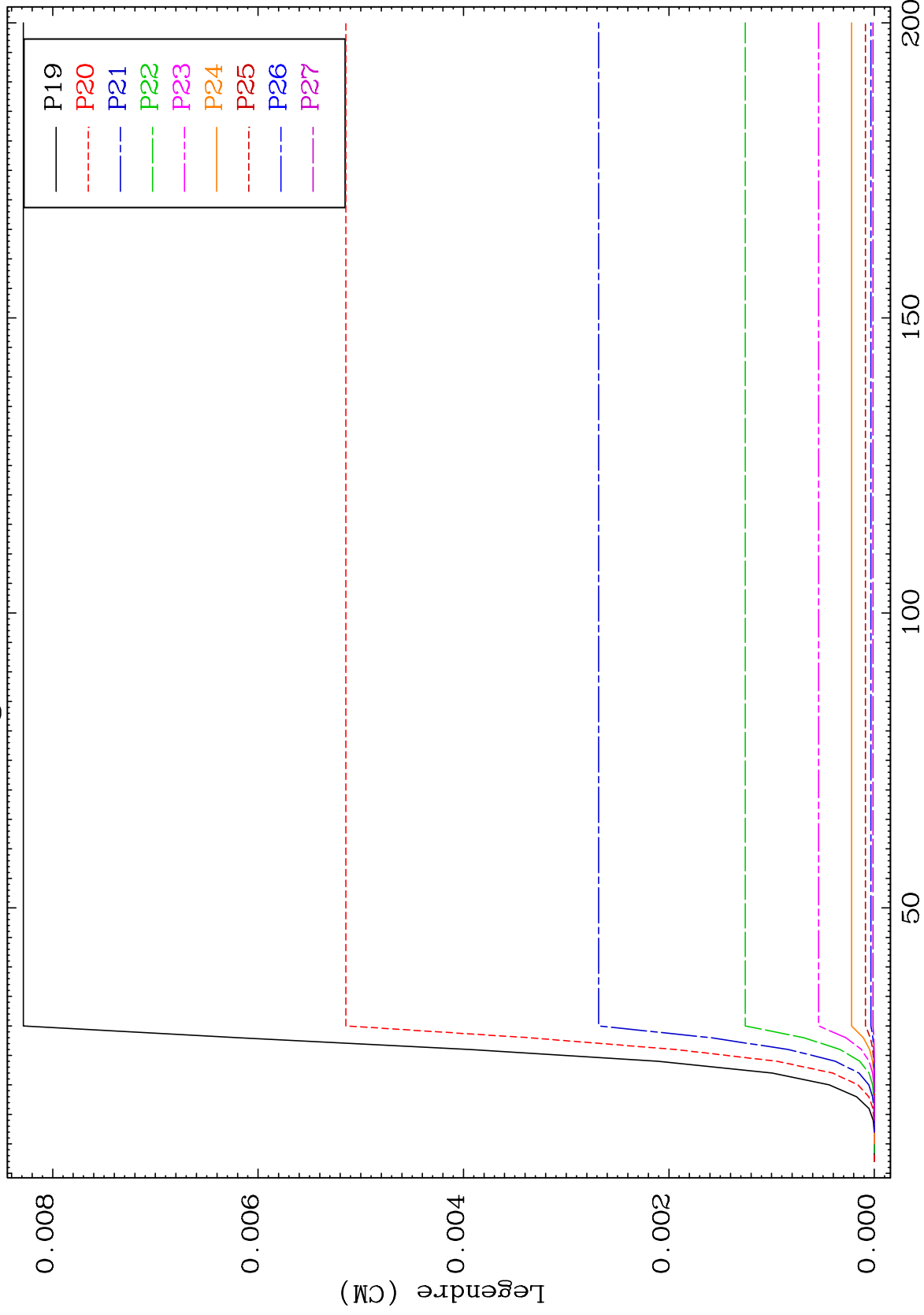
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



65

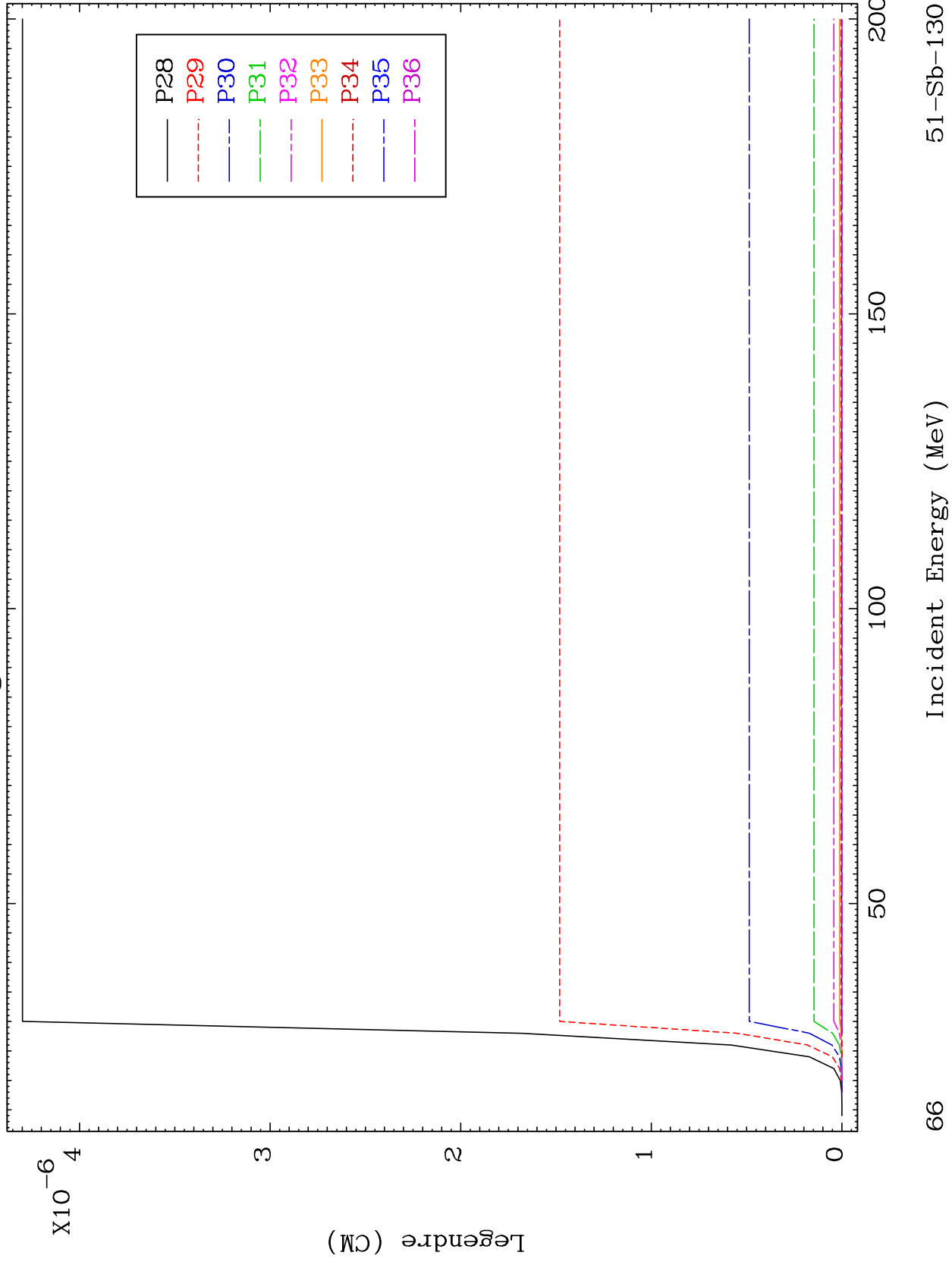
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

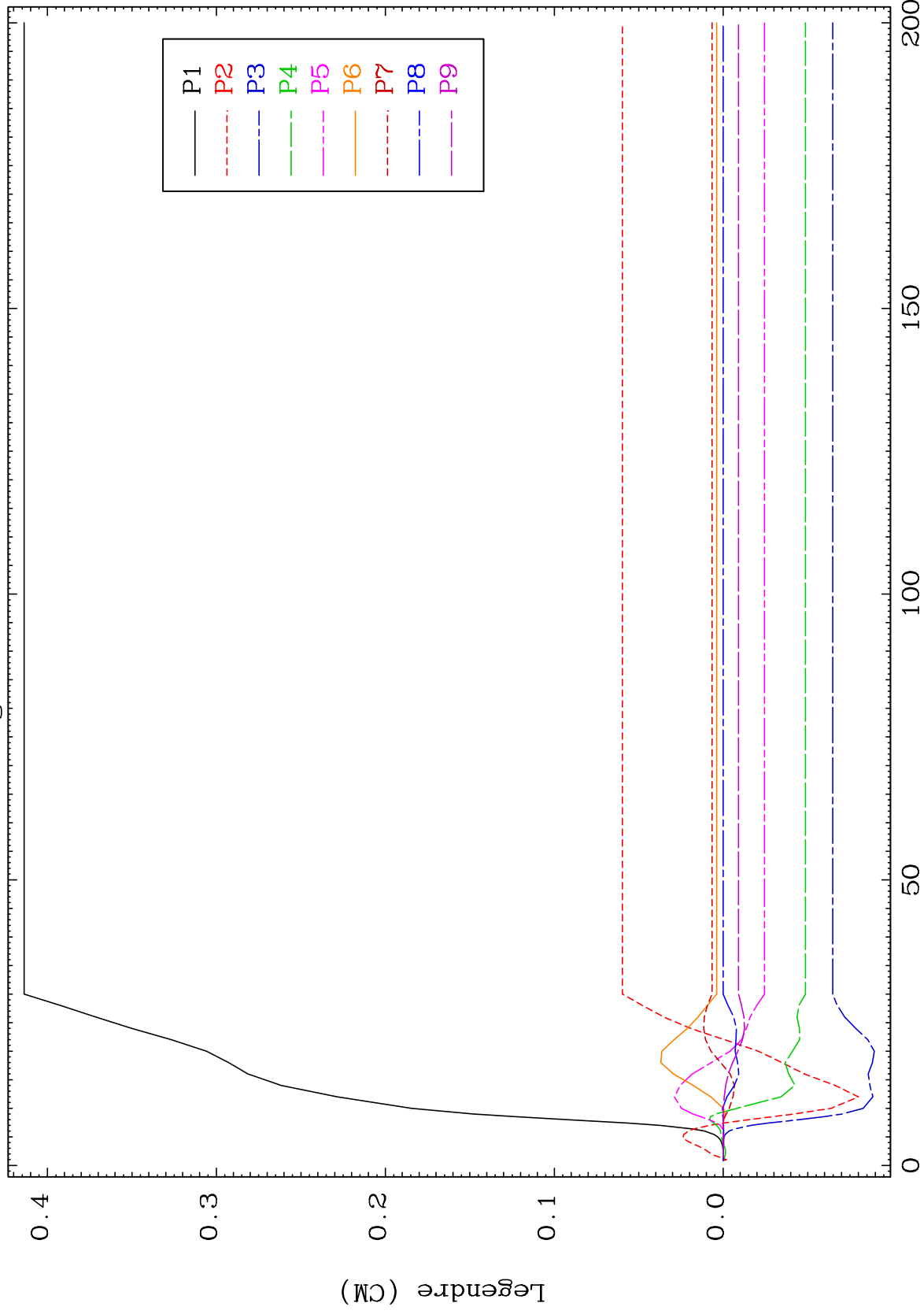
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

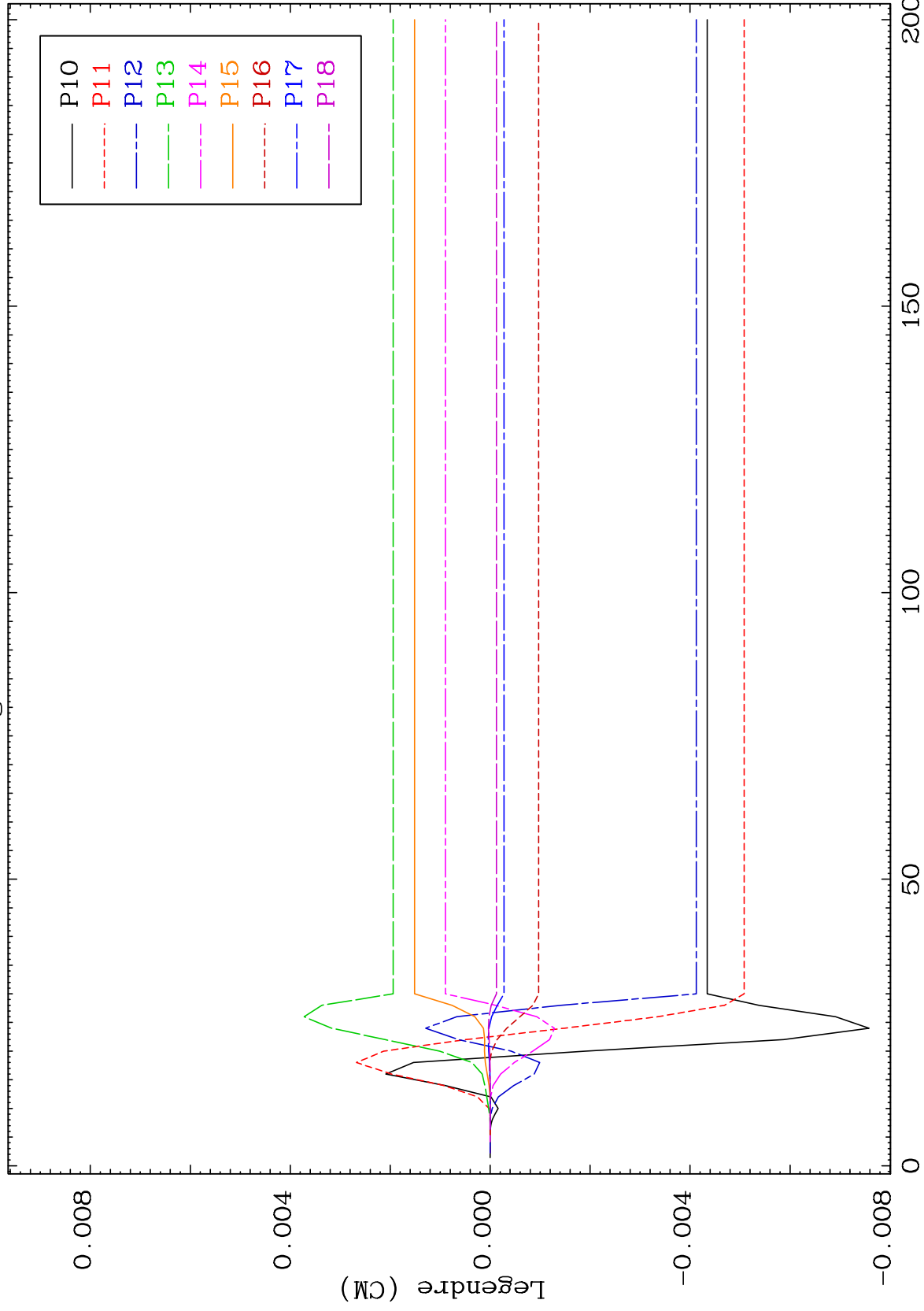
Incident Energy (MeV)

67

MAT 5152

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

51-Sb-130



68

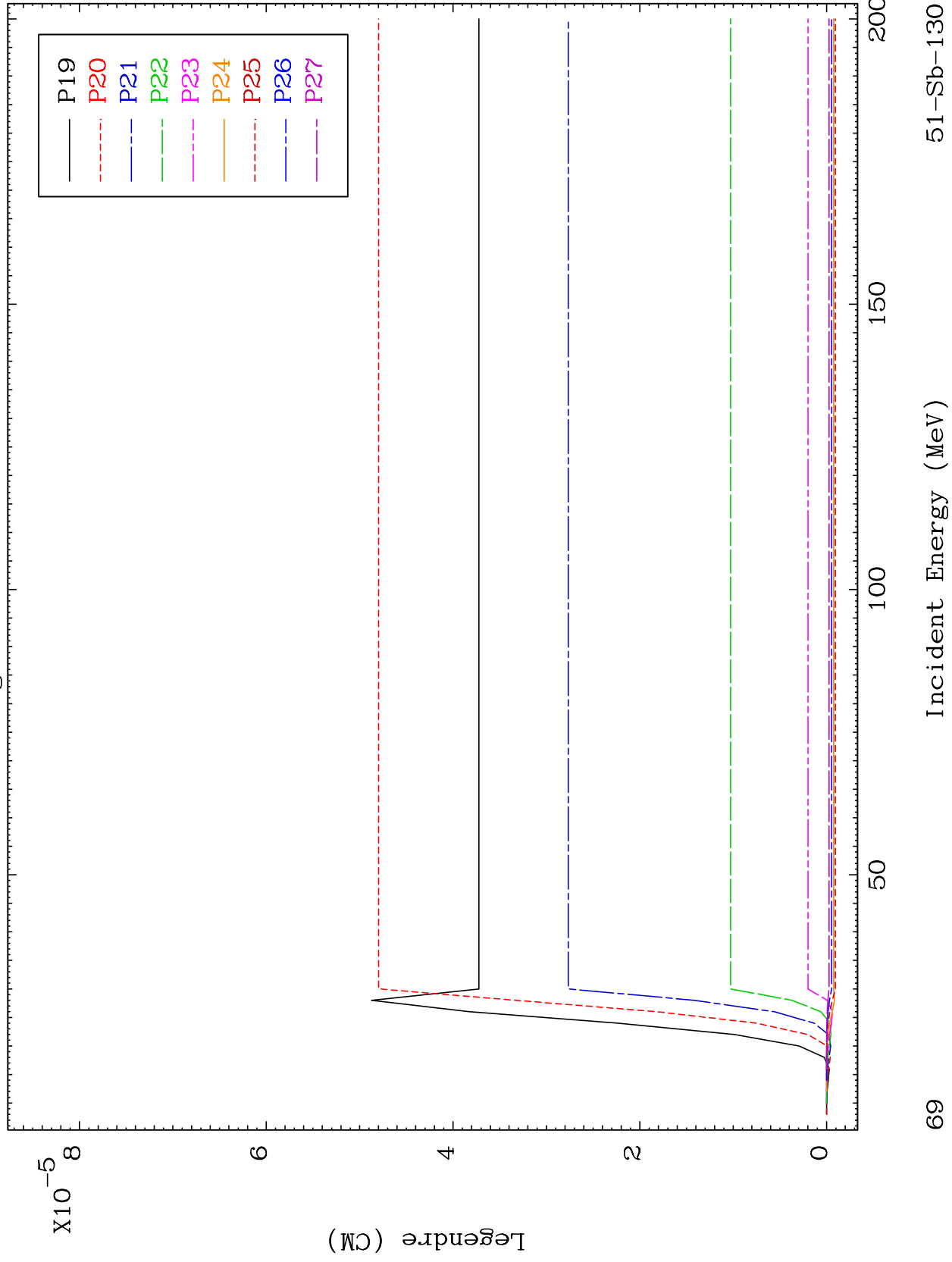
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130

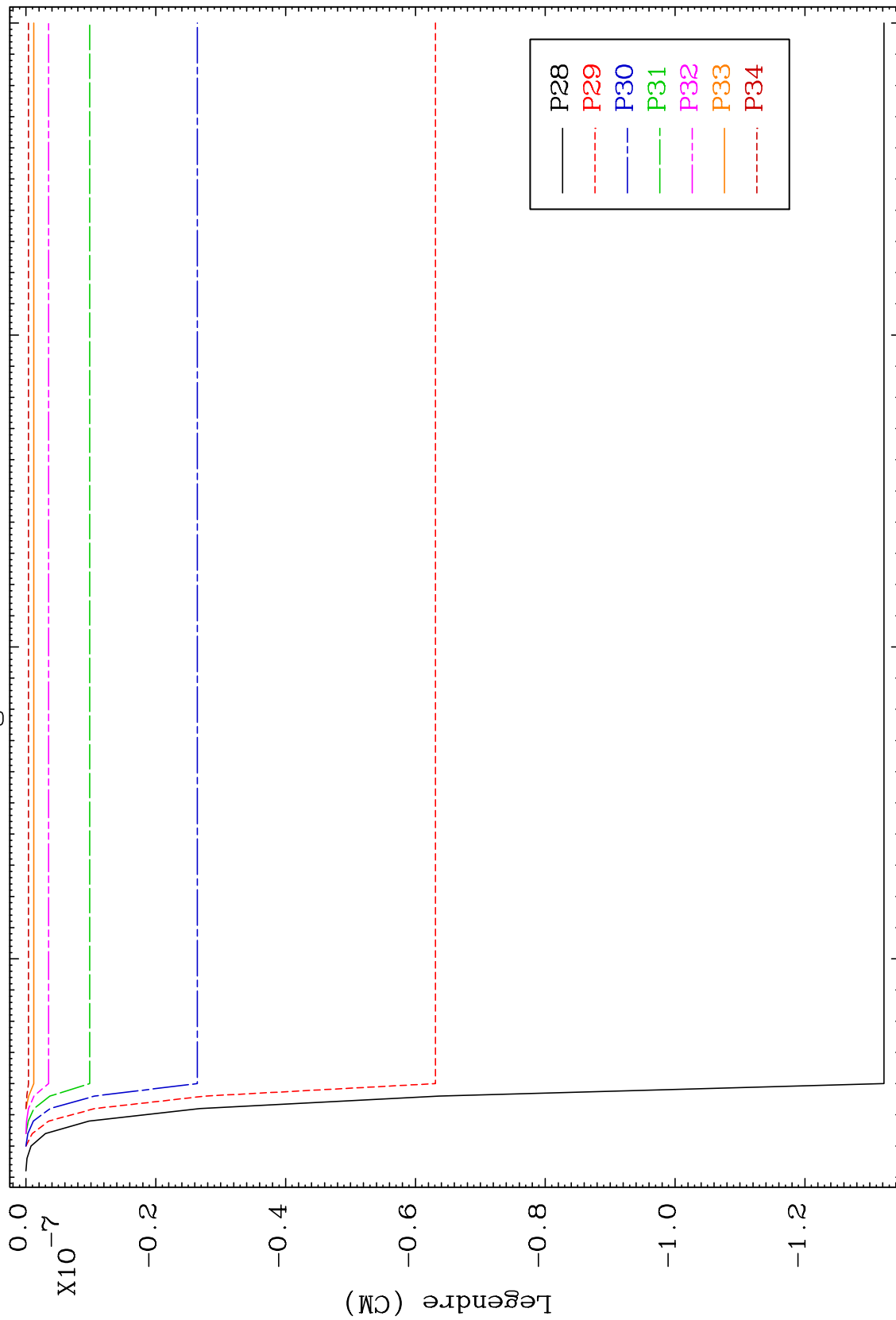


MAT 5152

MT= 64 (n,n') Level

51-Sb-130

Legendre Coefficients



51-Sb-130

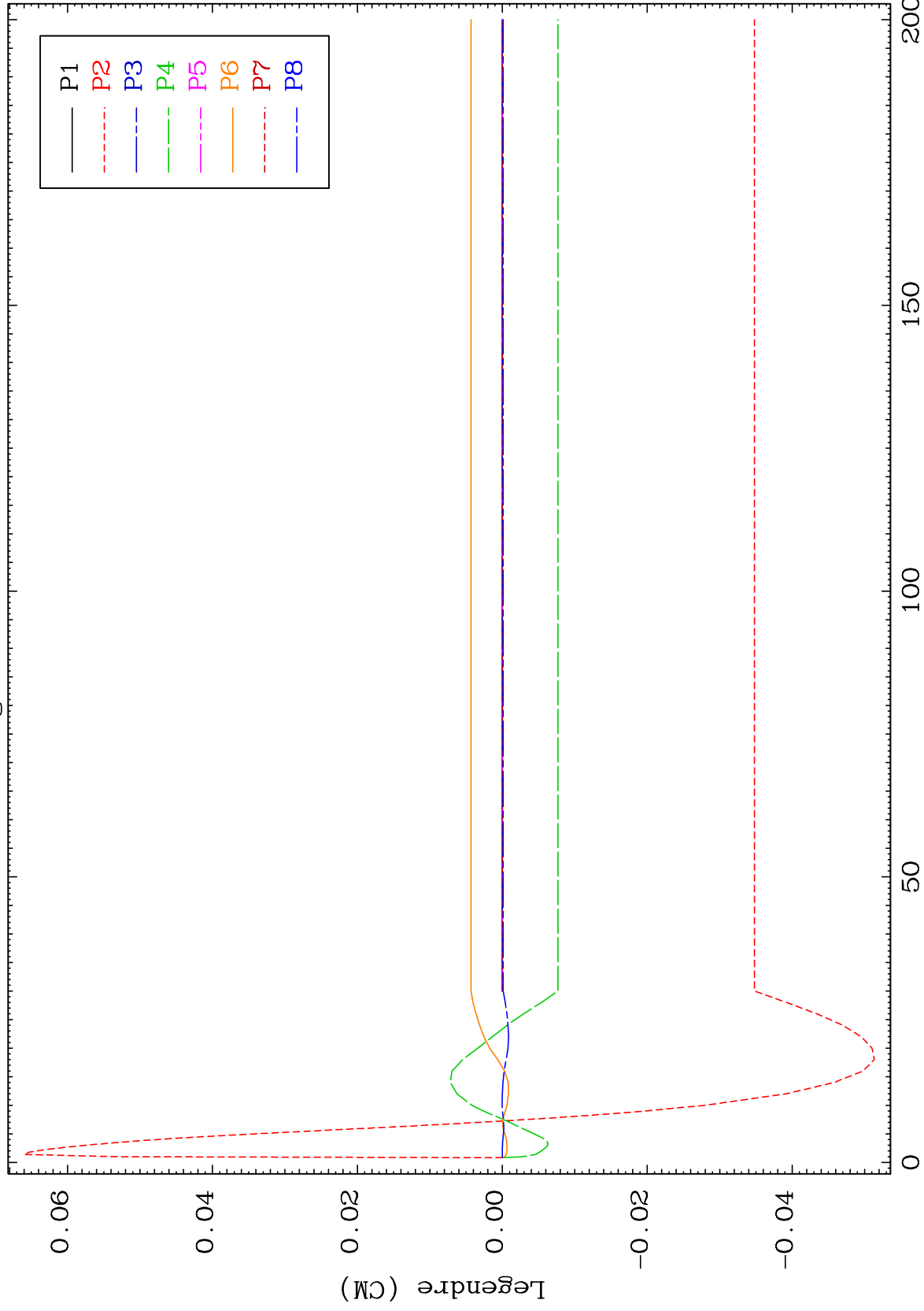
Incident Energy (MeV)

70

MAT 5152

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

51-Sb-130



71

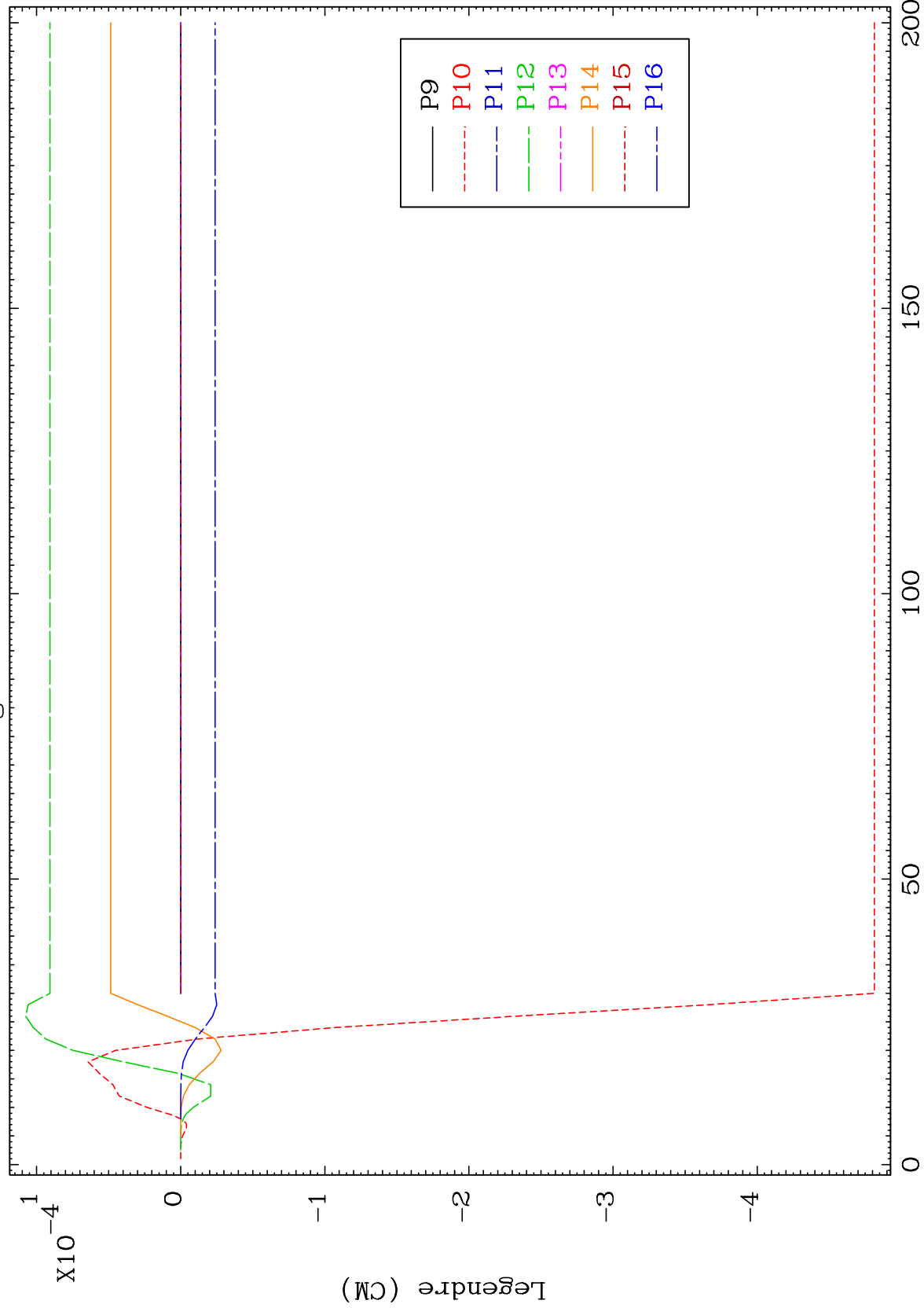
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

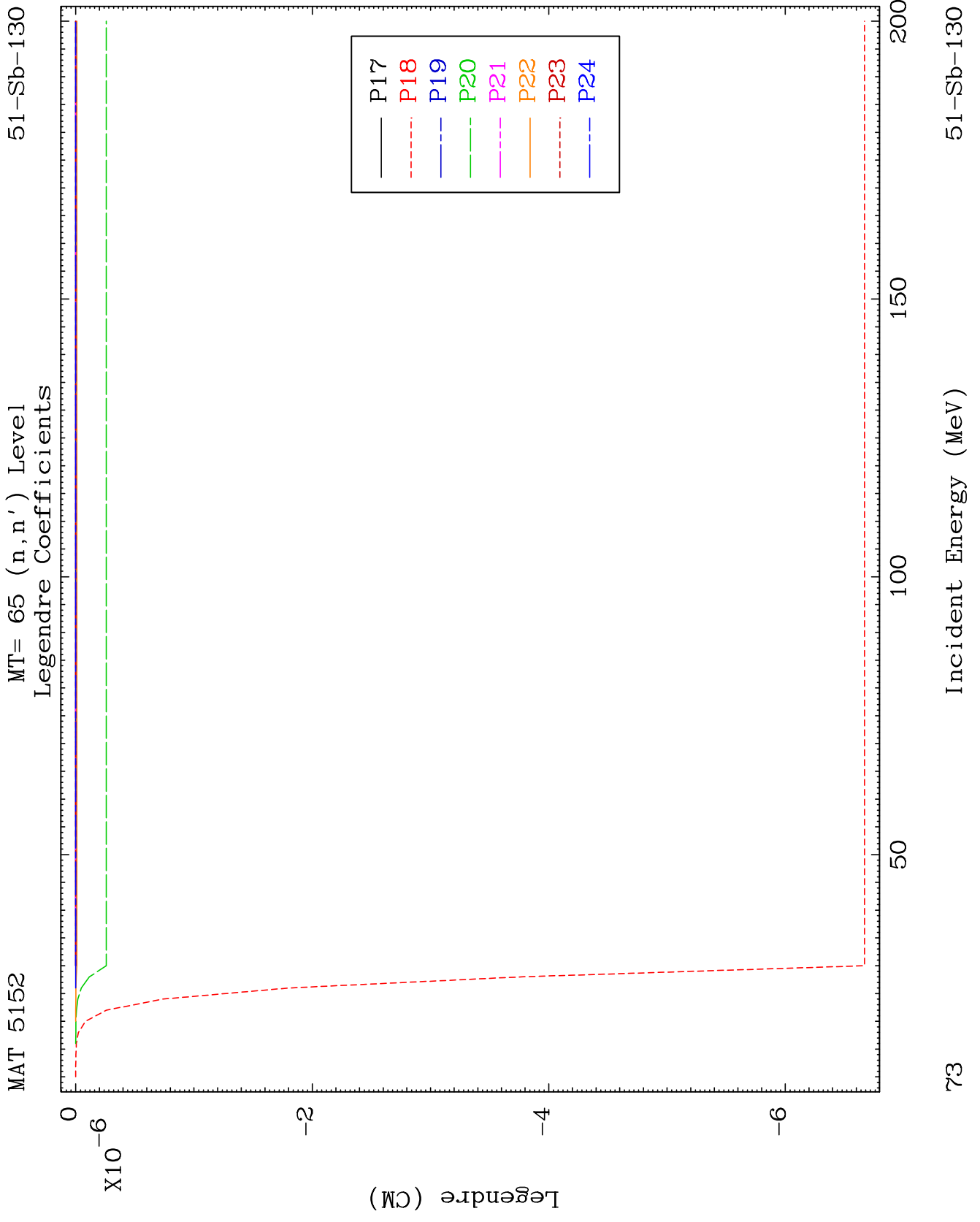
51-Sb-130



72

Incident Energy (MeV)

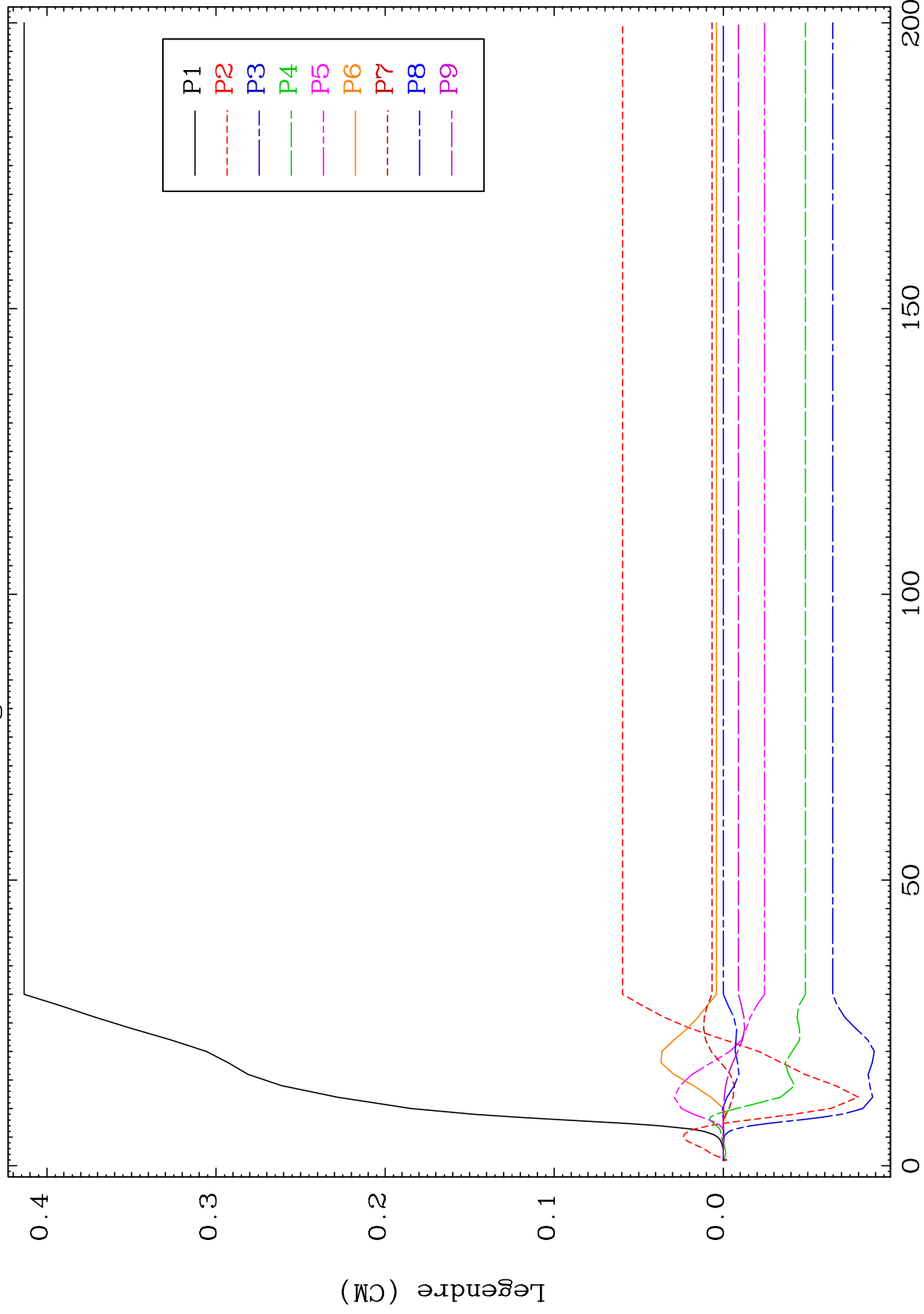
51-Sb-130



MAT 5152

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

51-Sb-130



74

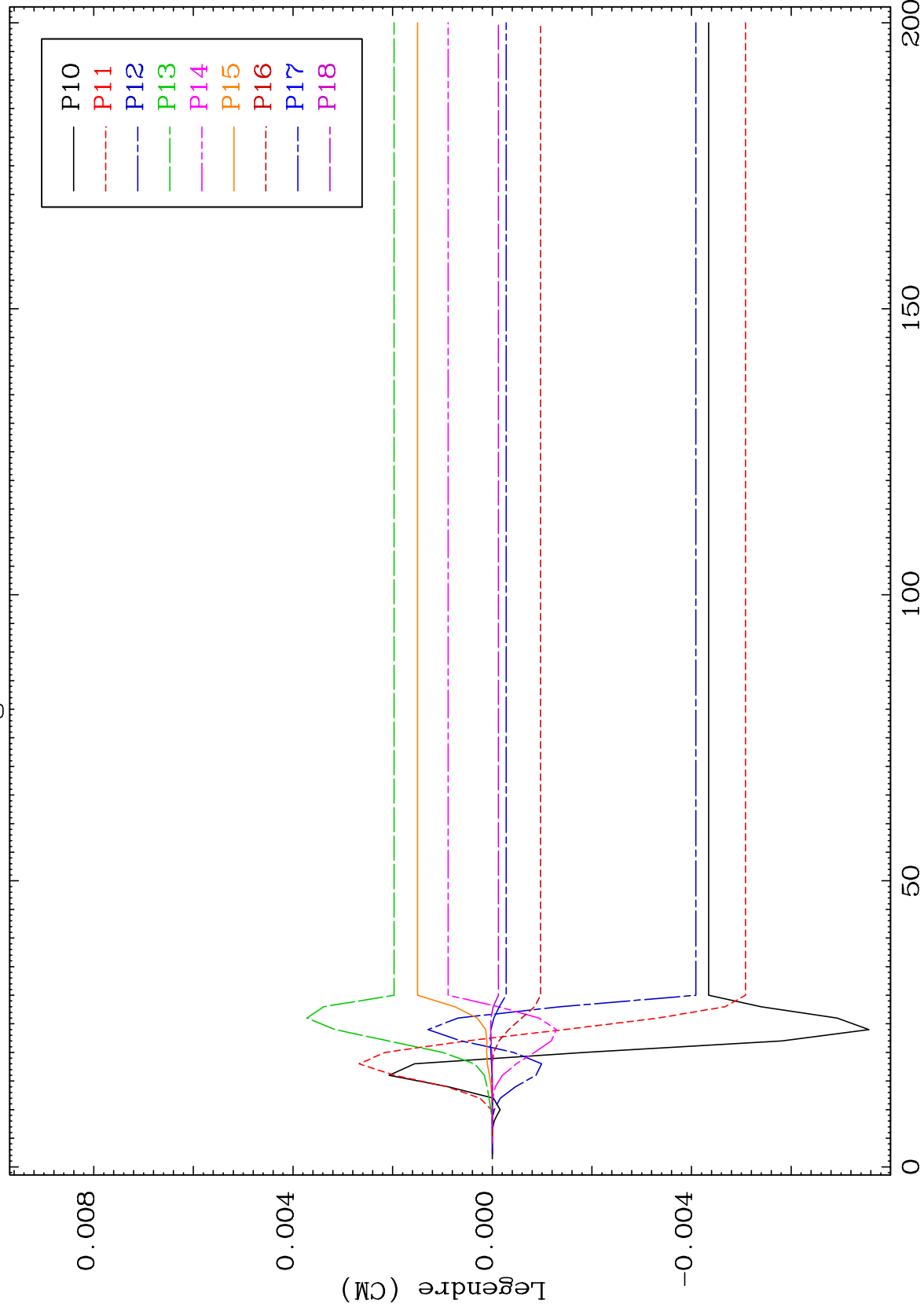
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130



75

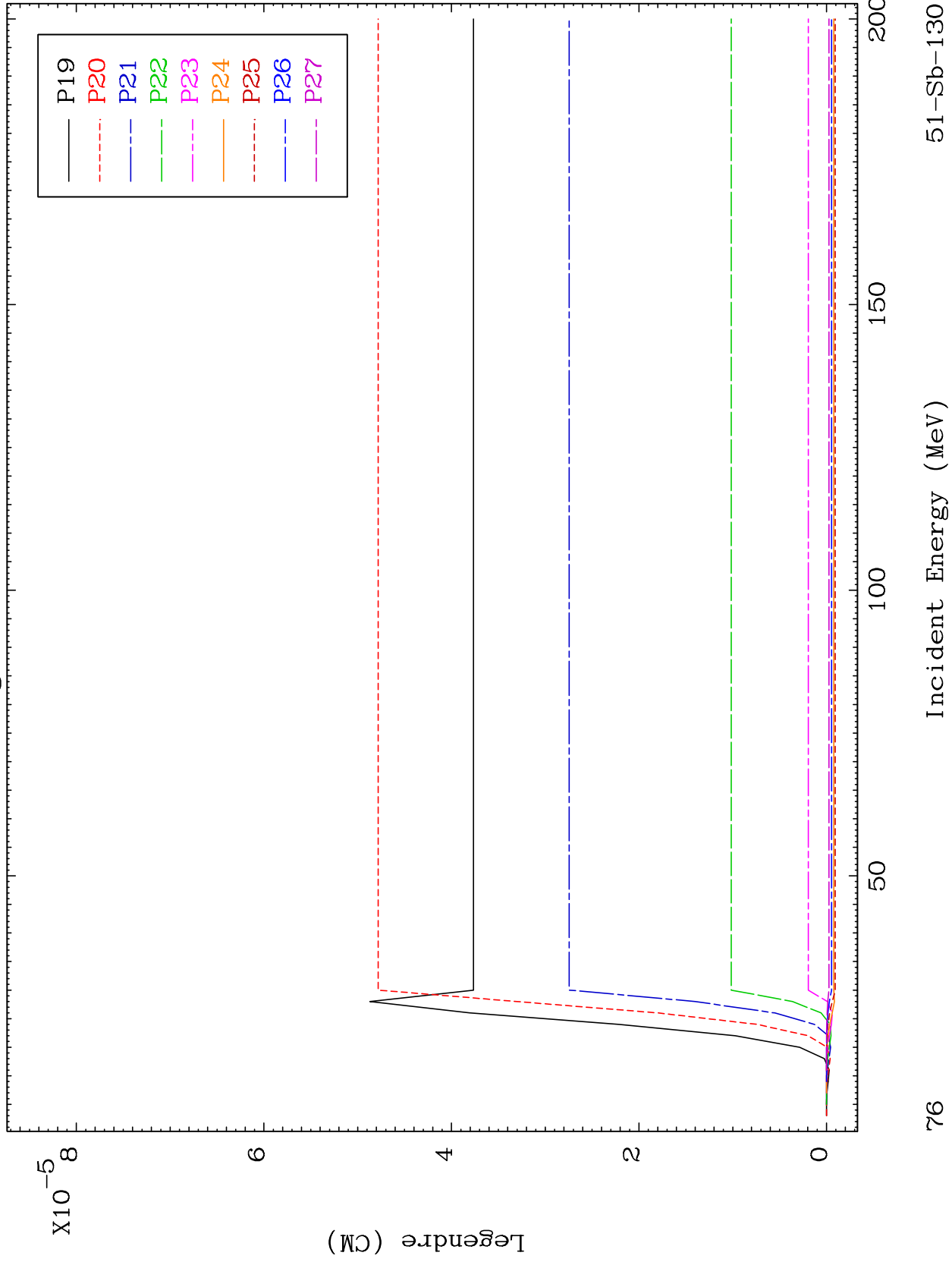
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

51-Sb-130

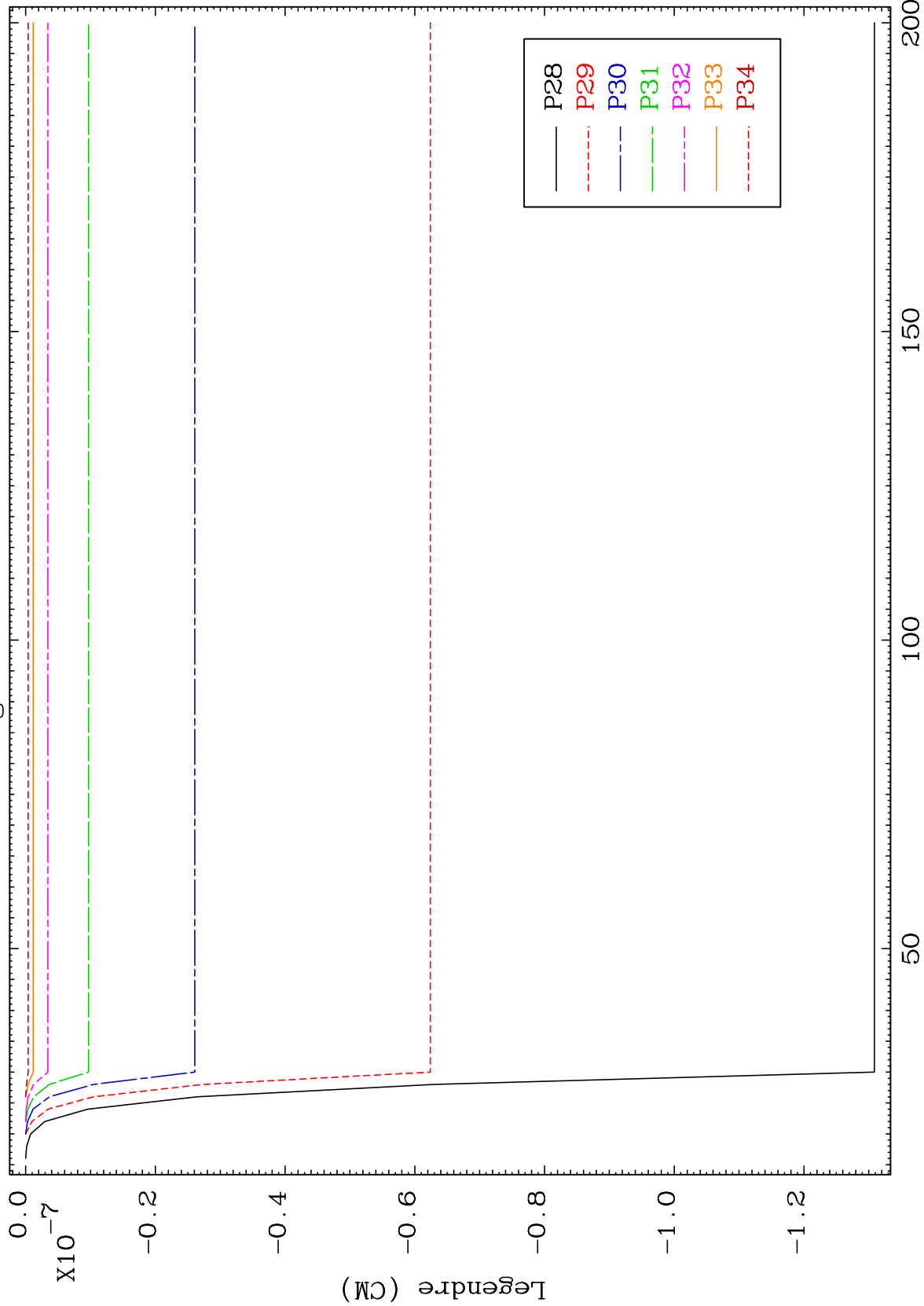


MAT 5152

MT= 66 (n,n') Level

51-Sb-130

Legendre Coefficients



51-Sb-130

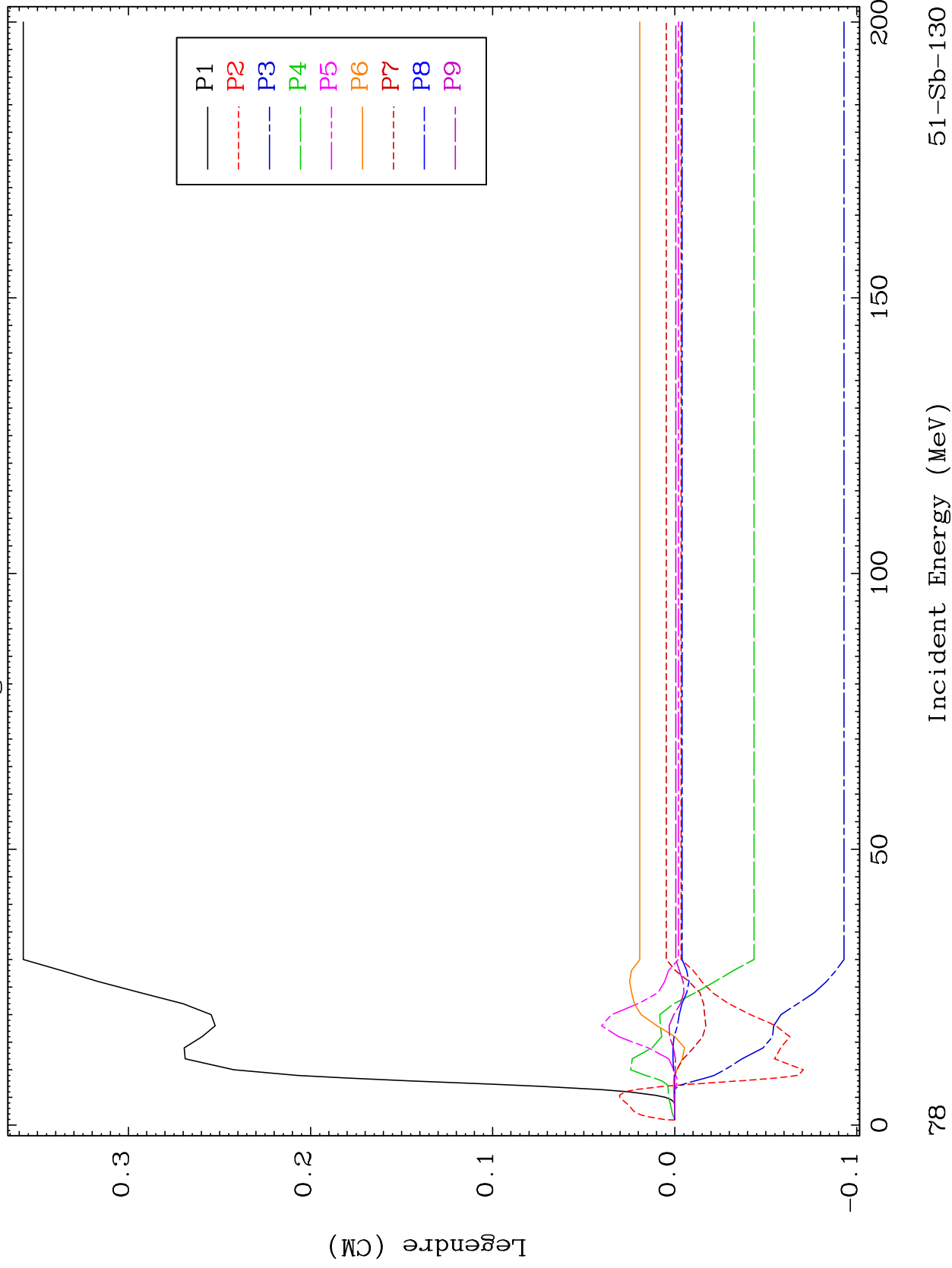
Incident Energy (MeV)

77

MAT 5152

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

51-Sb-130



51-Sb-130

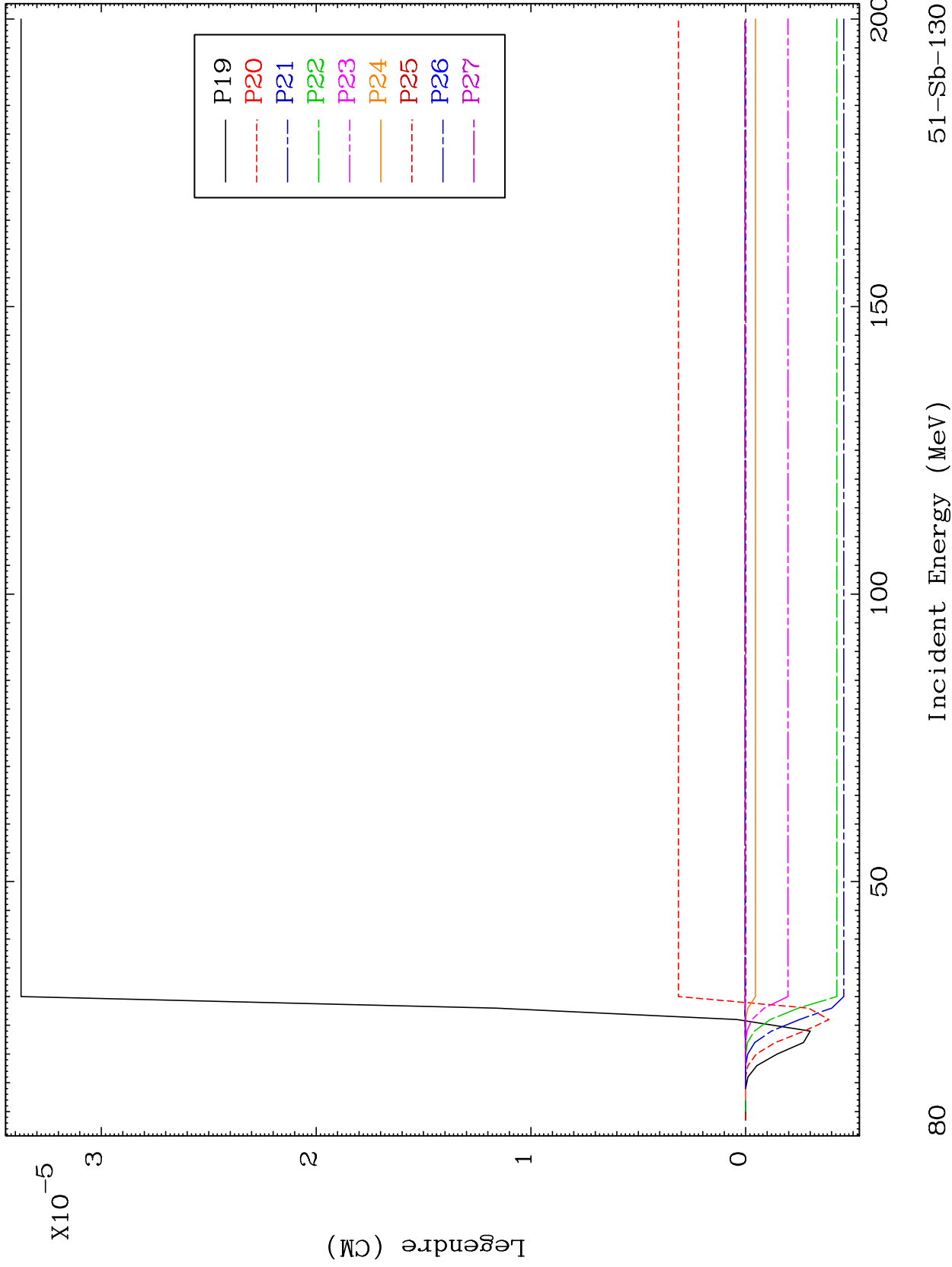
Incident Energy (MeV)

78

MAT 5152

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

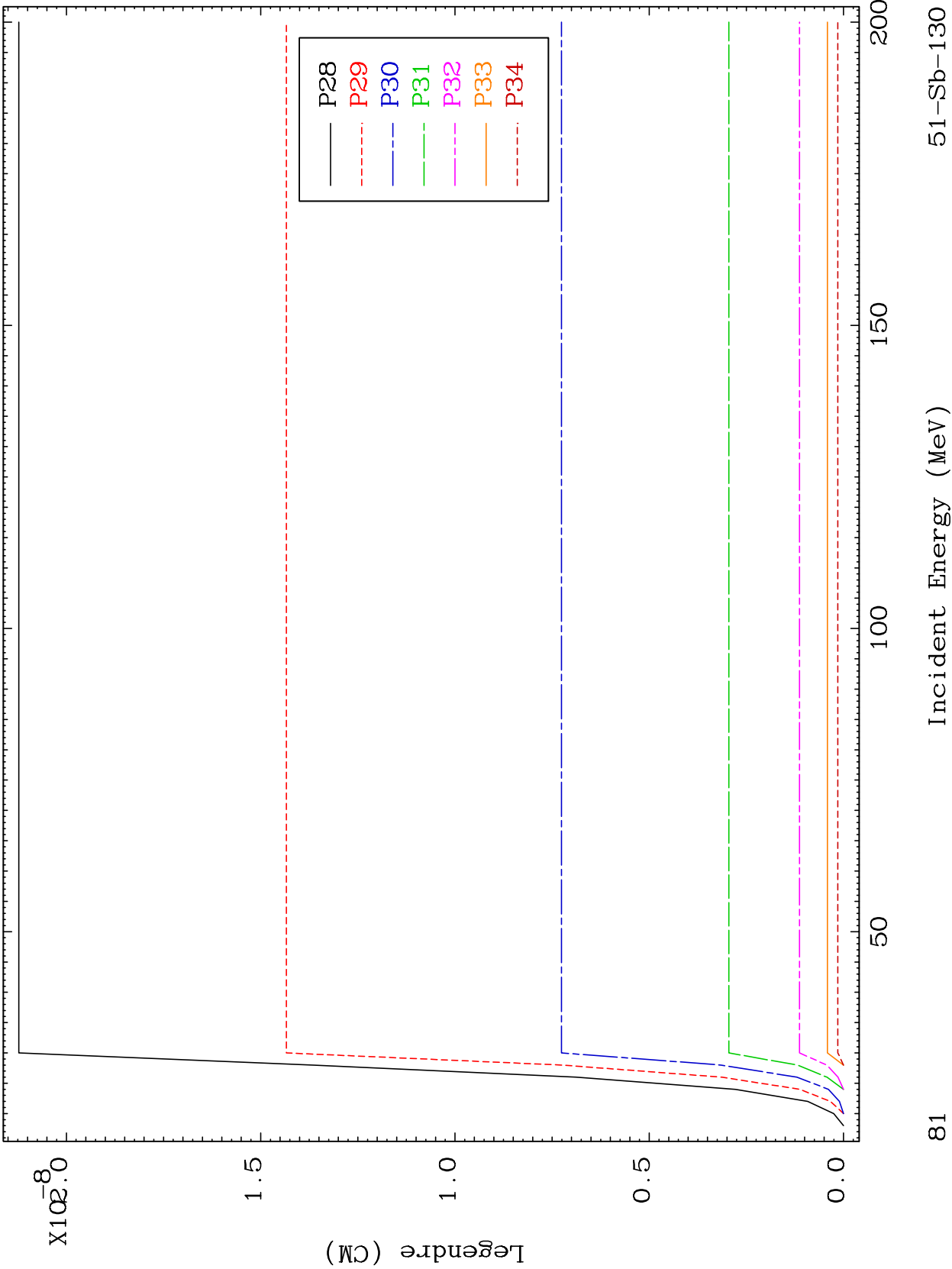
51-Sb-130



80

Incident Energy (MeV)

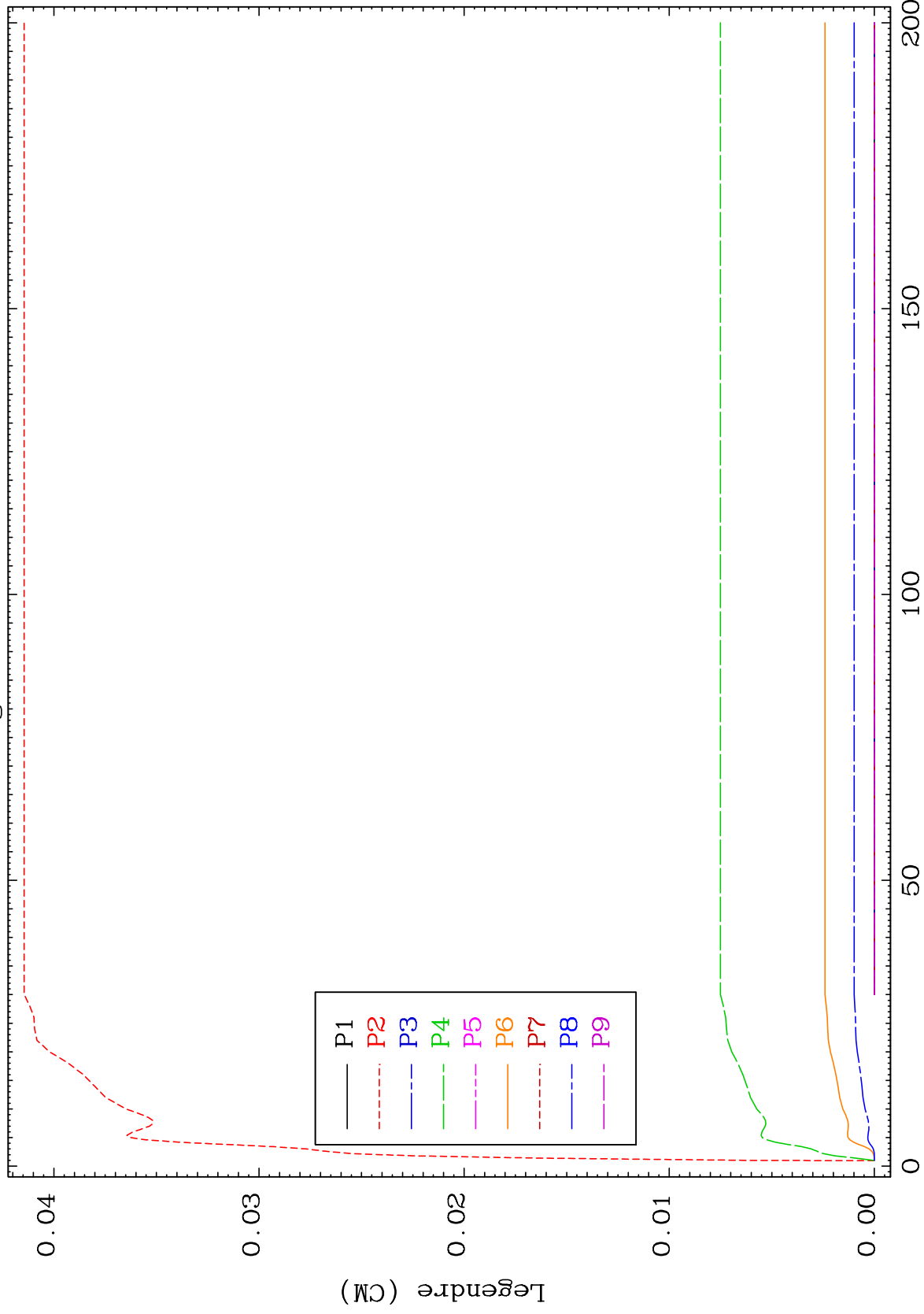
51-Sb-130



MAT 5152

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

51-Sb-130



82

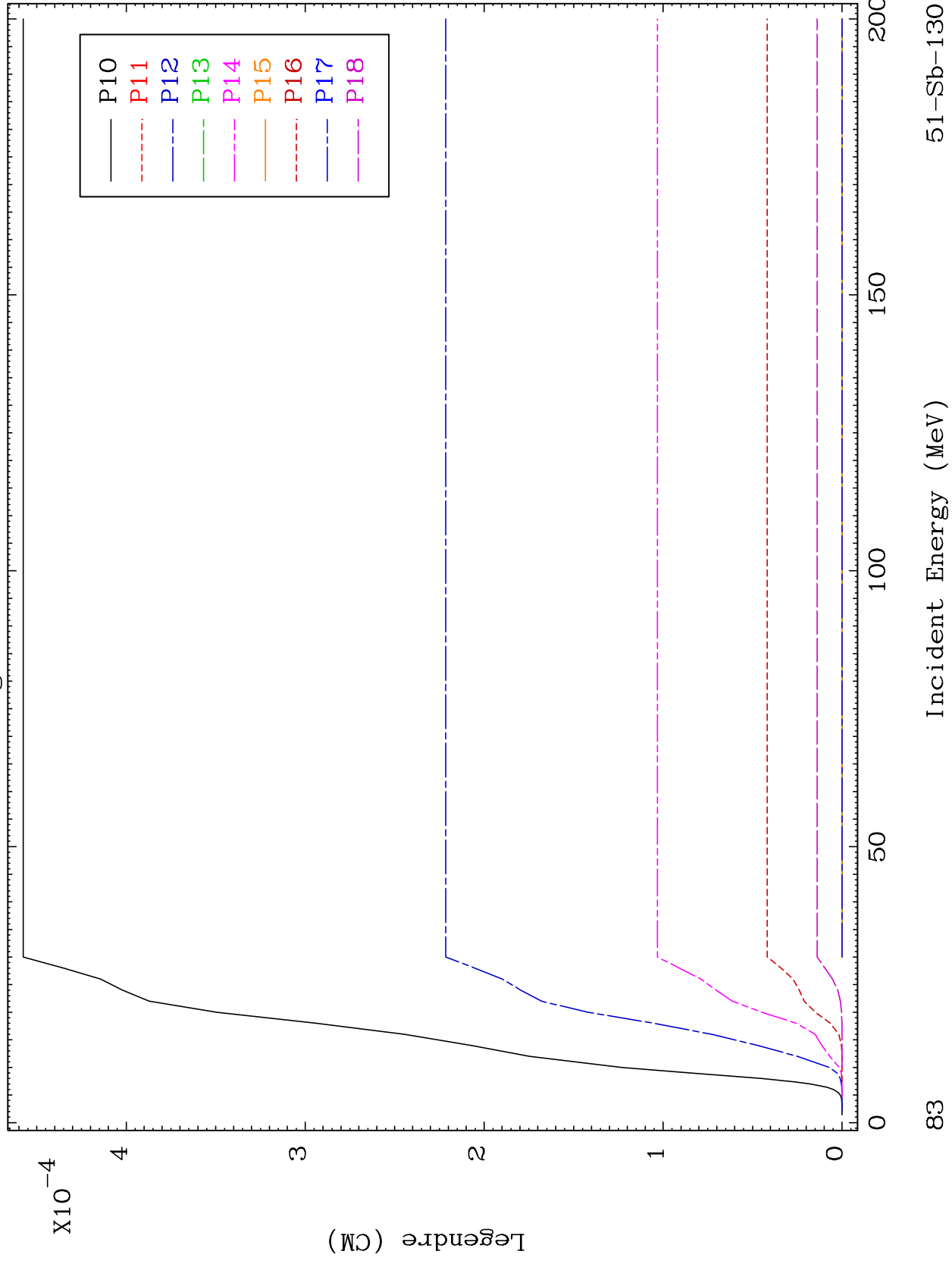
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

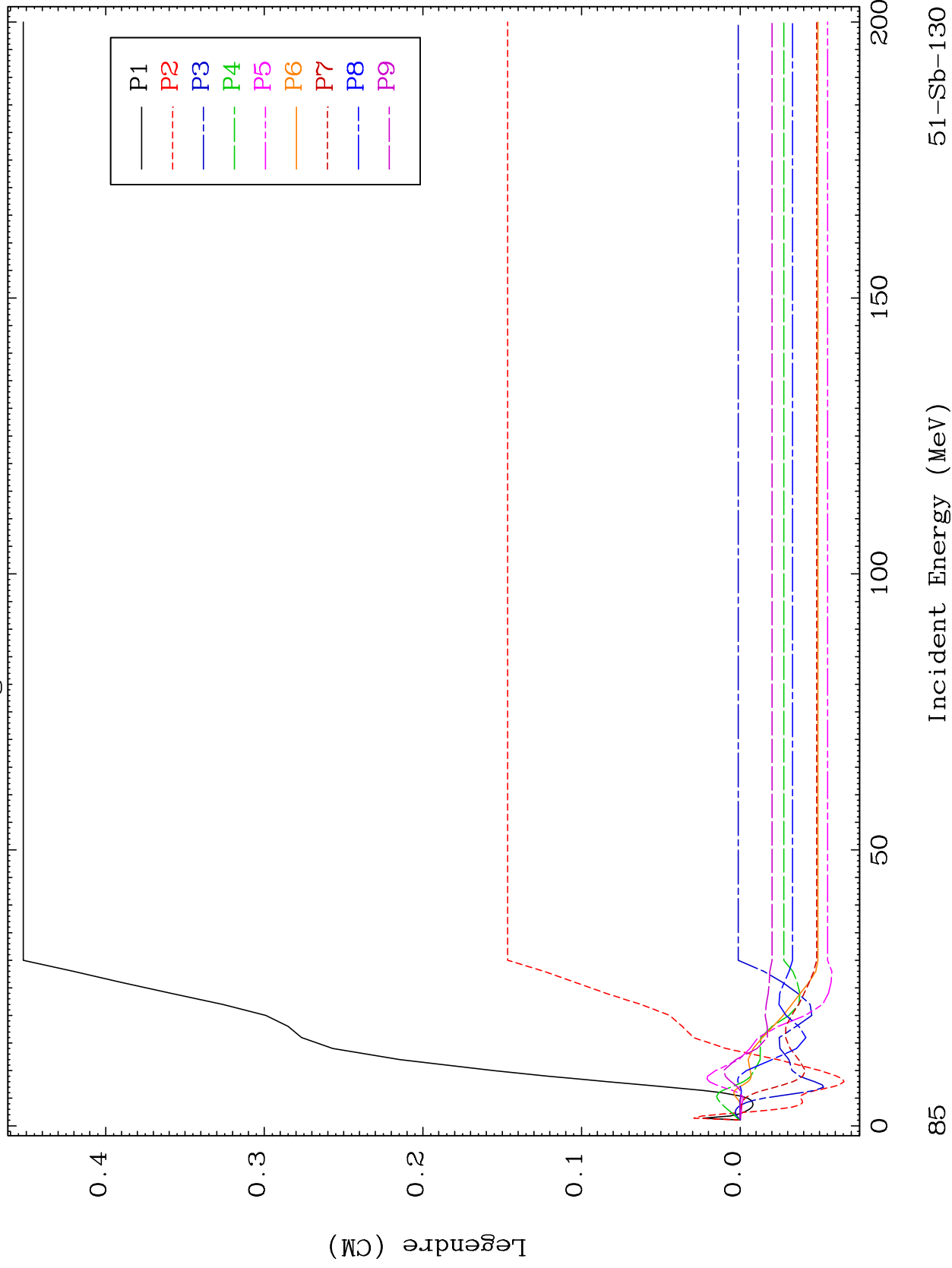
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

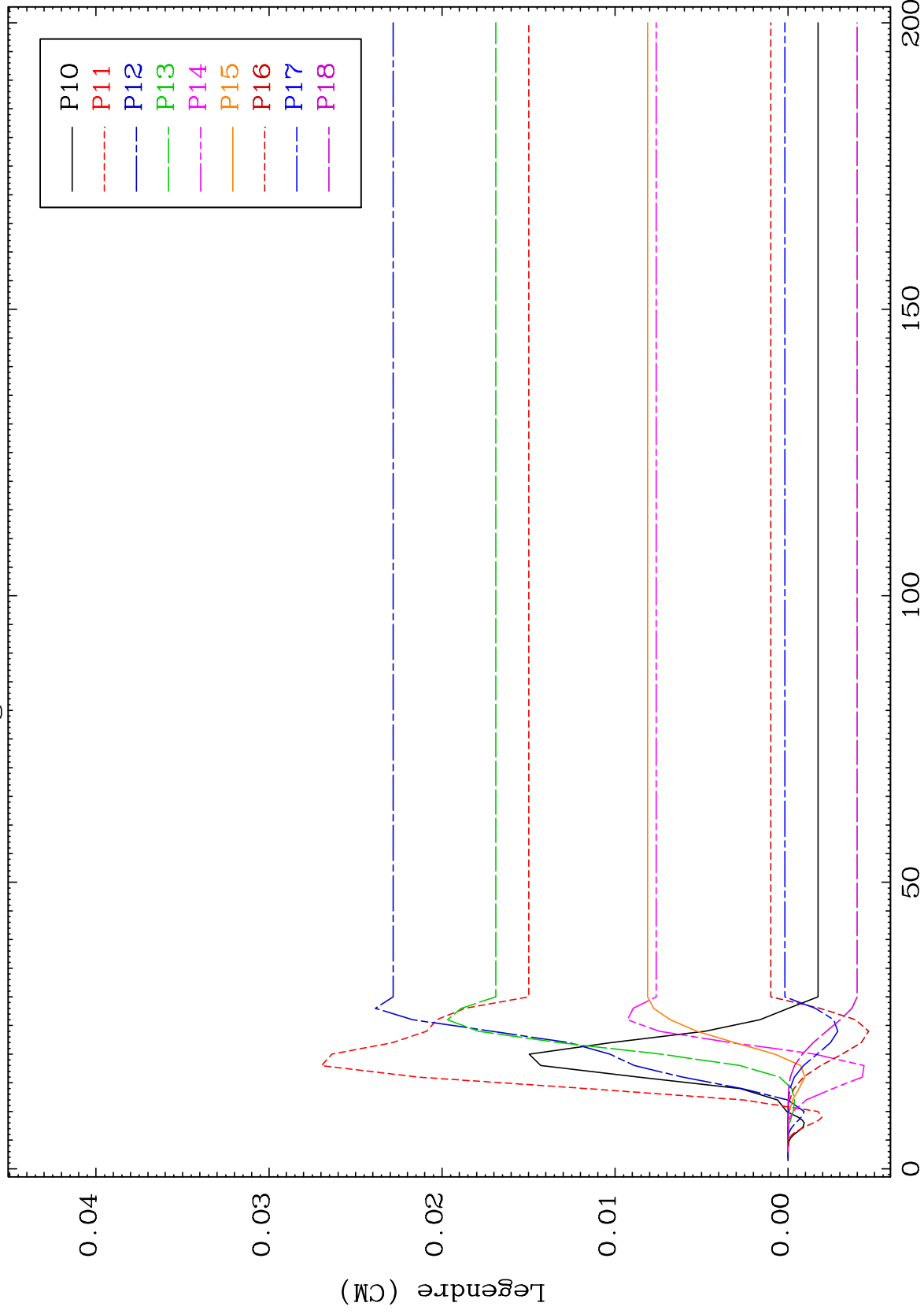
Incident Energy (MeV)

85

MAT 5152

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

51-Sb-130



86

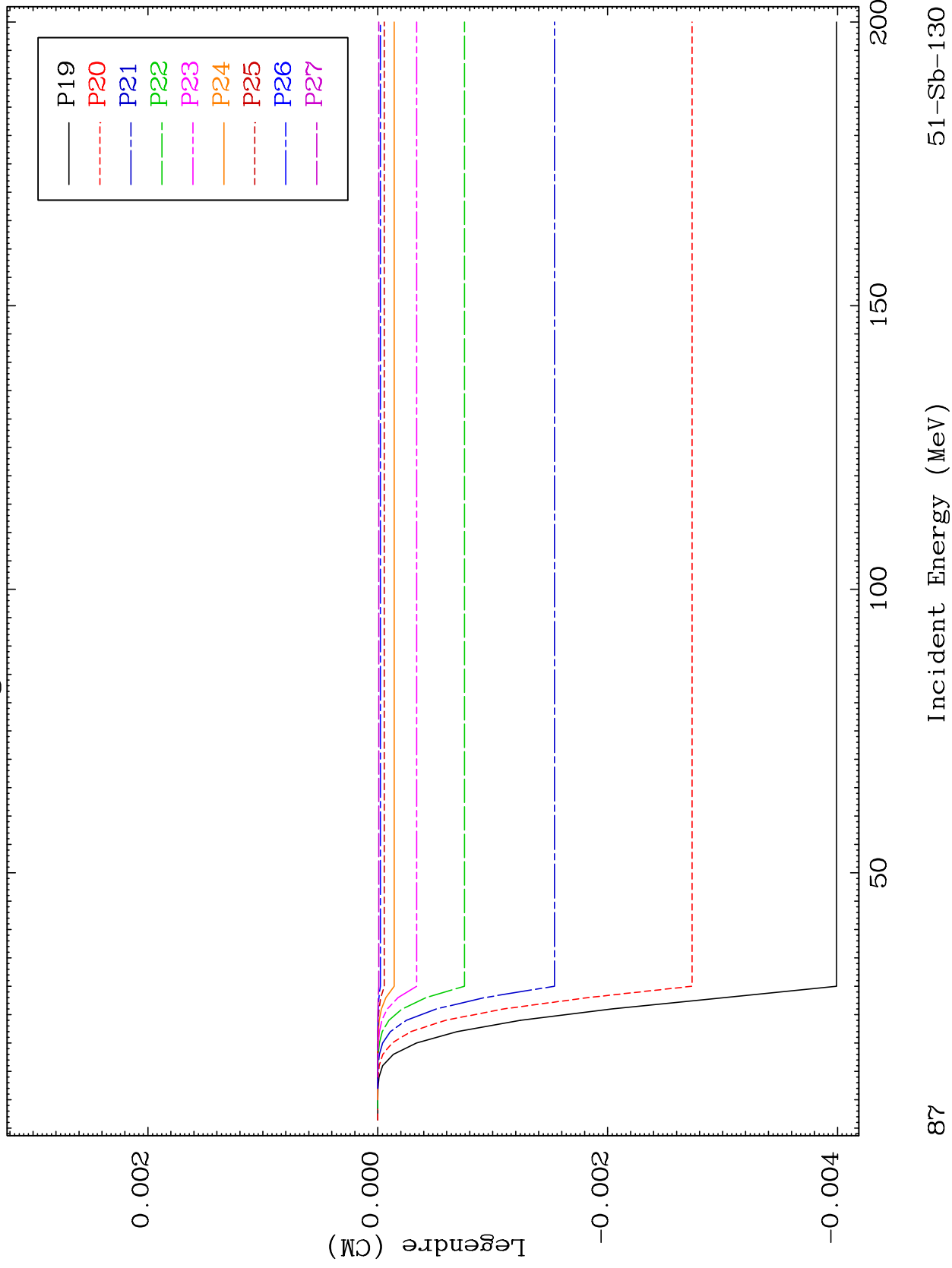
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

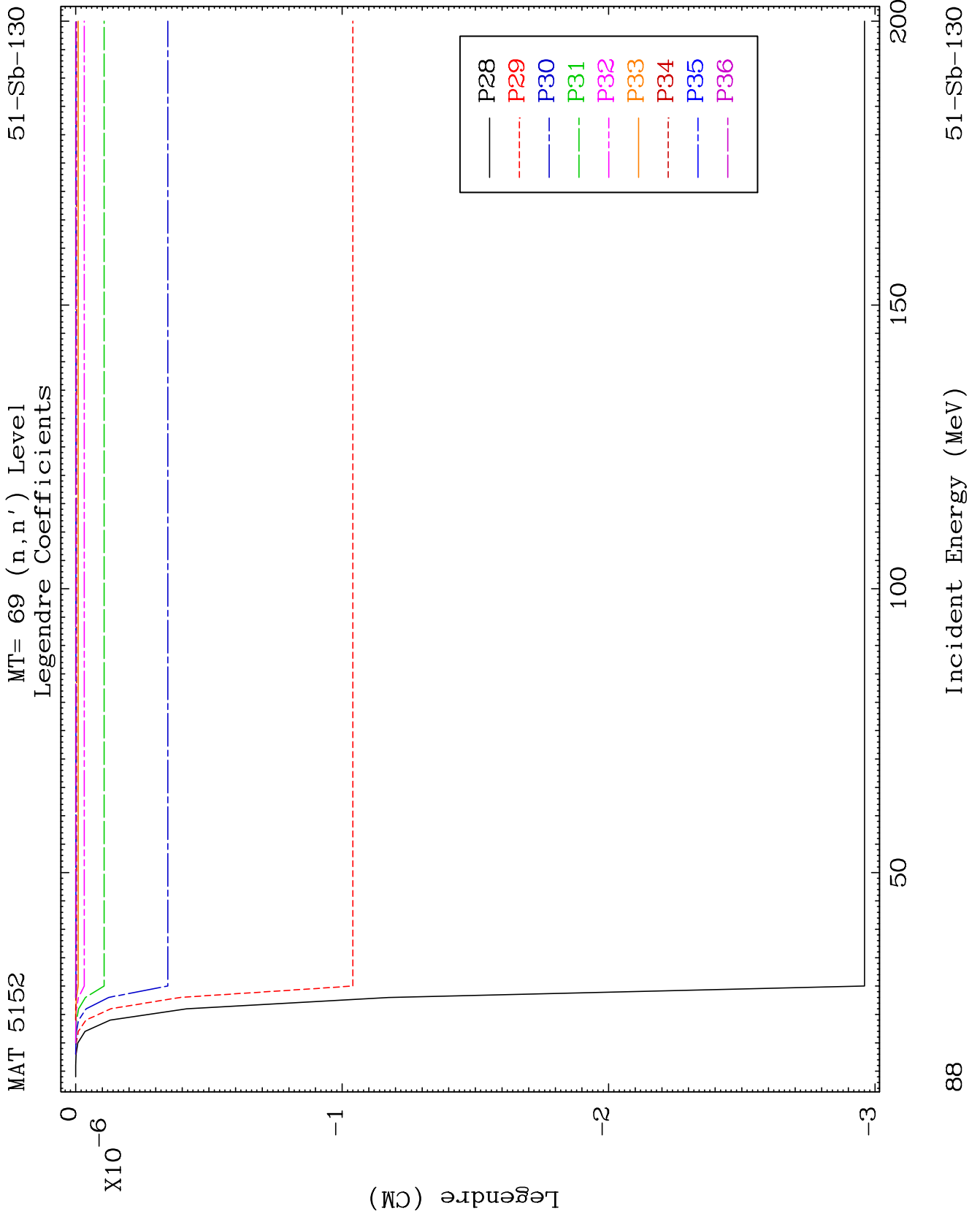
51-Sb-130



87

Incident Energy (MeV)

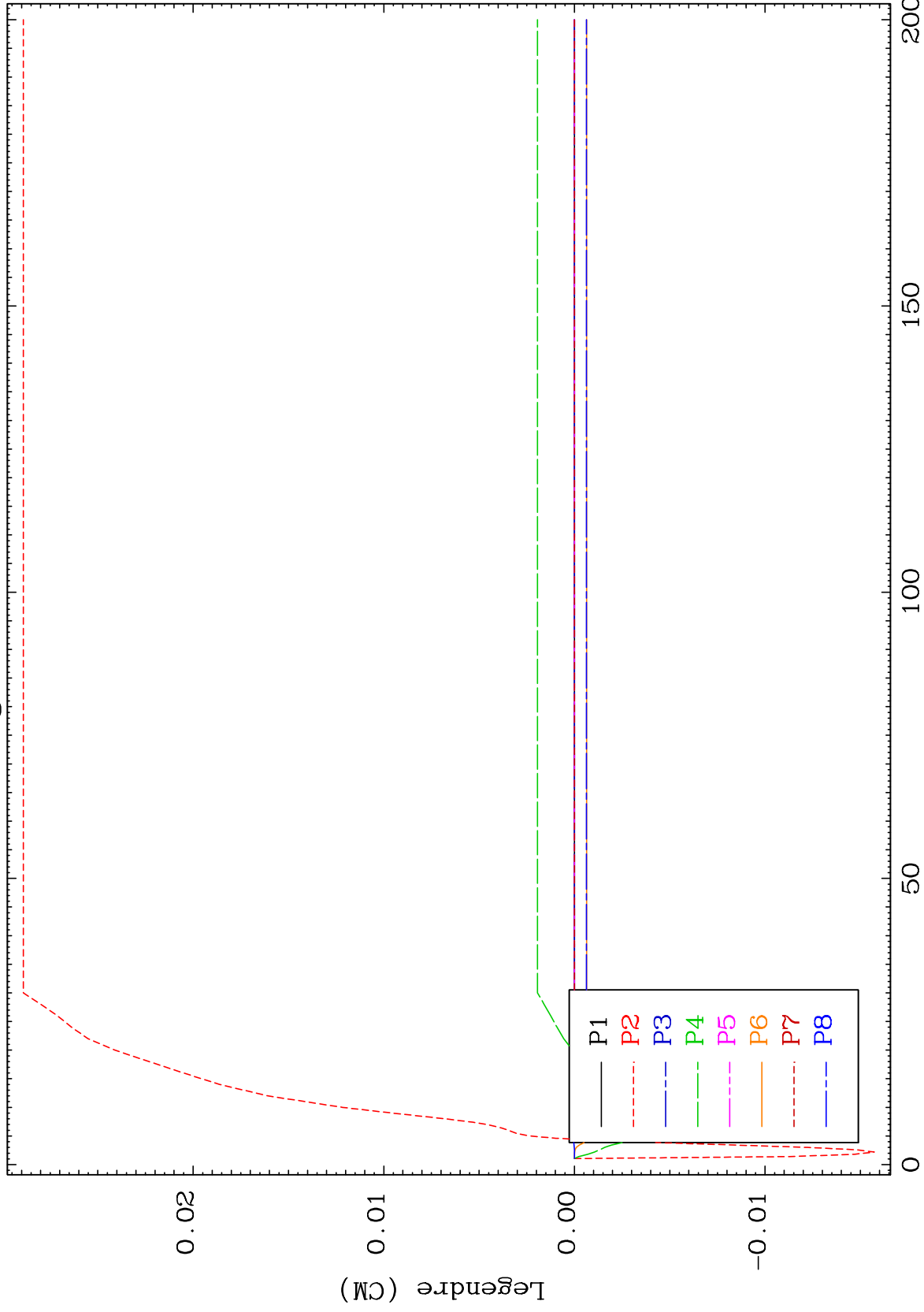
51-Sb-130



MAT 5152

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

51-Sb-130



89

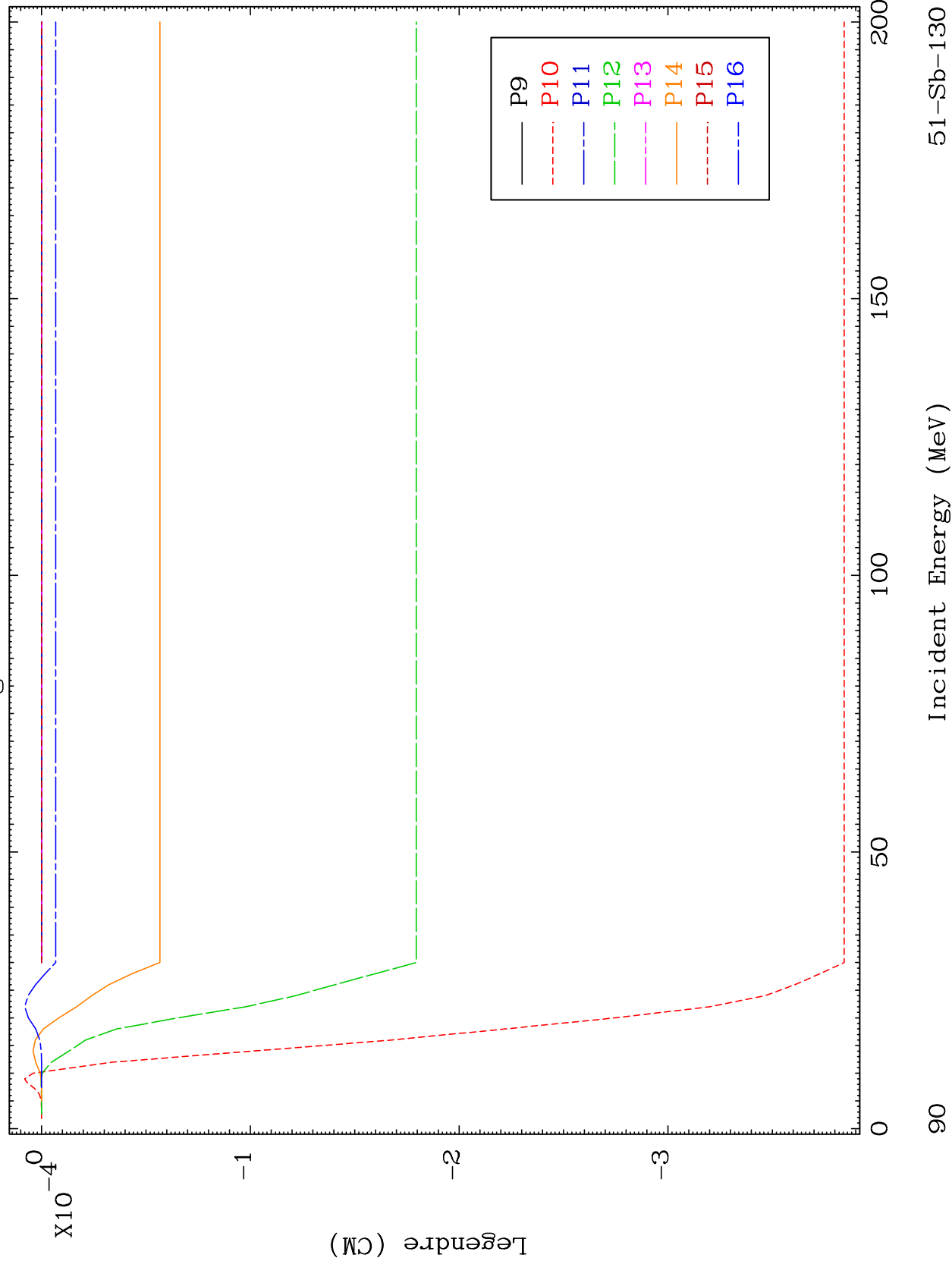
Incident Energy (MeV)

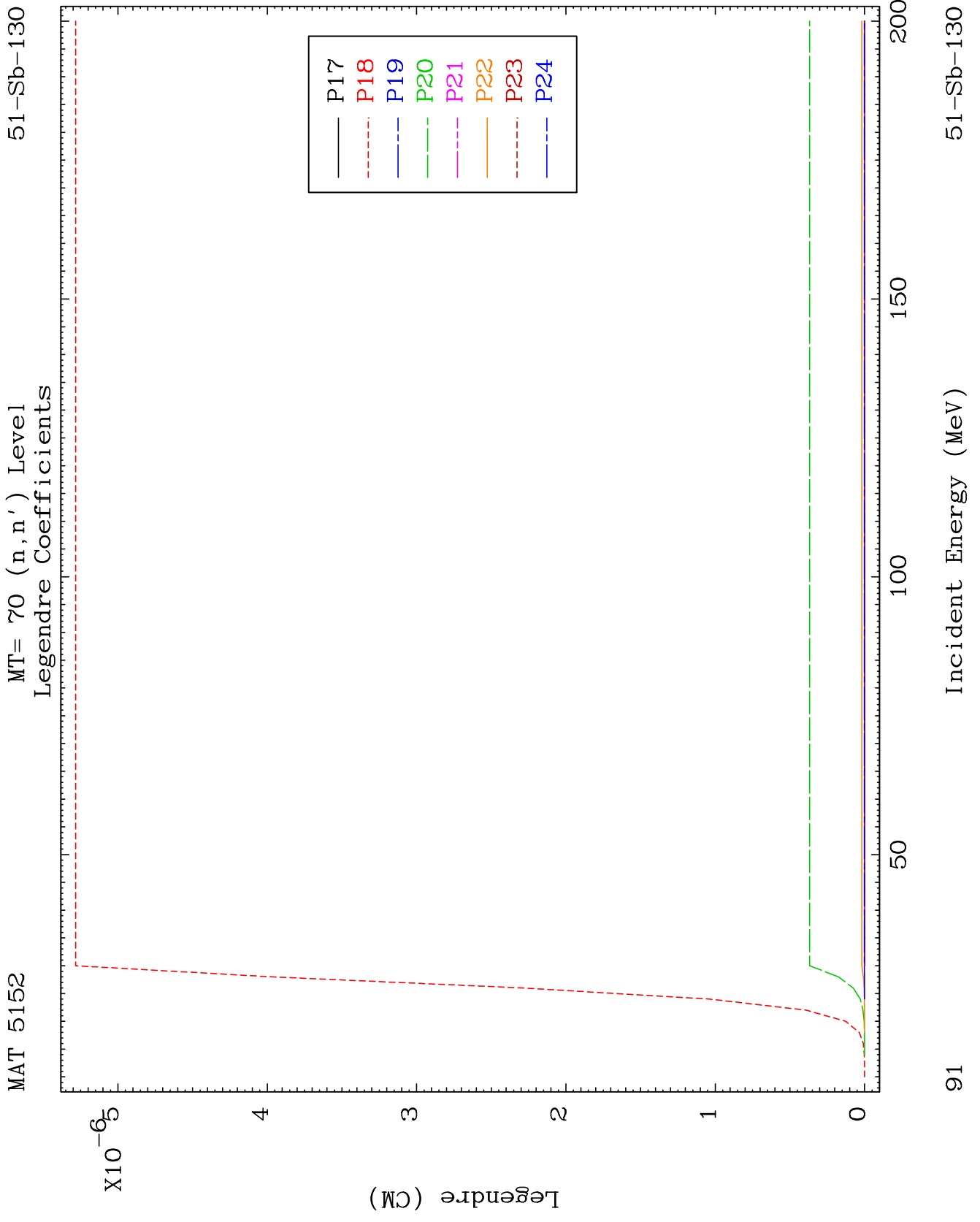
51-Sb-130

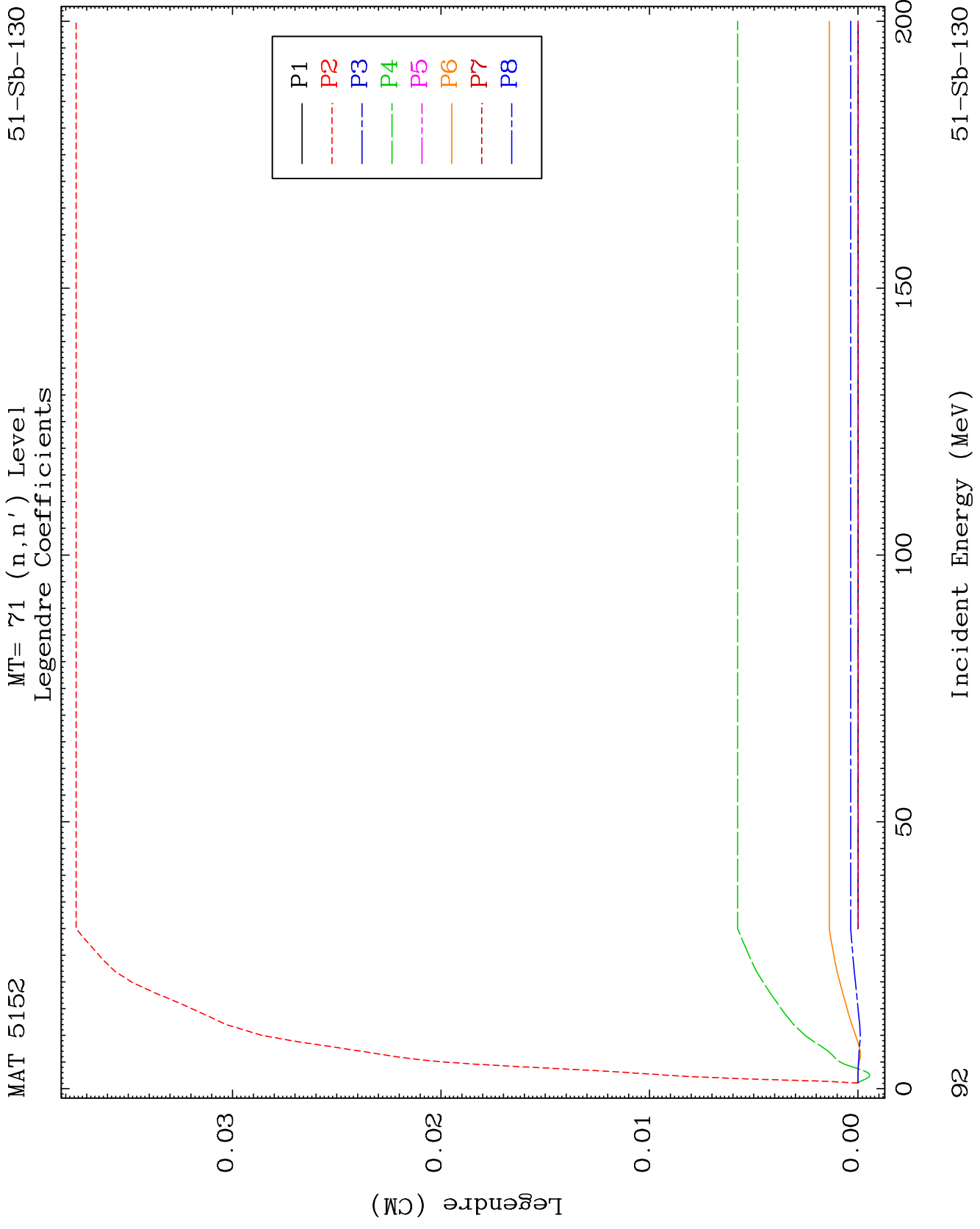
MAT 5152

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

51-Sb-130



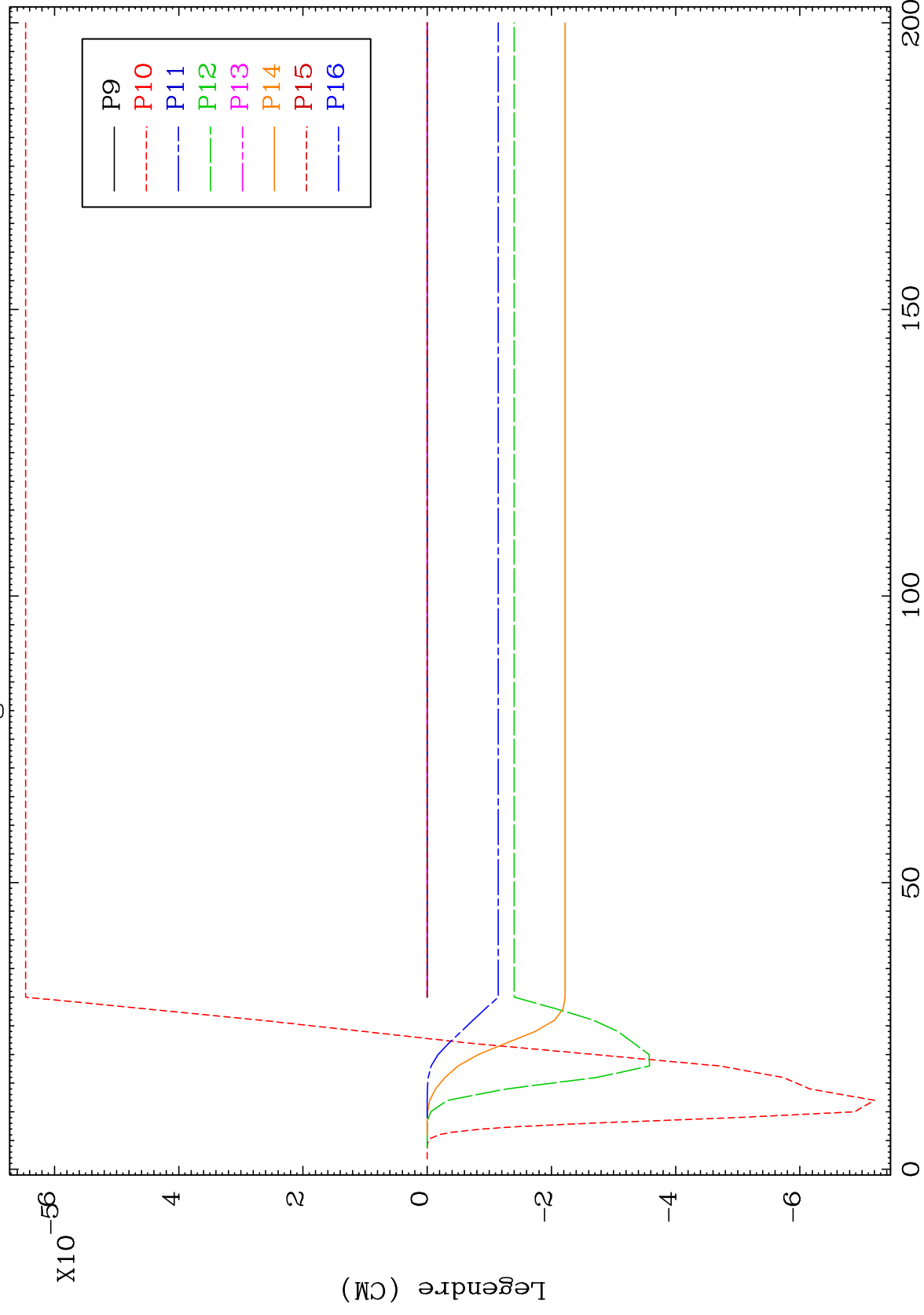




MAT 5152

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

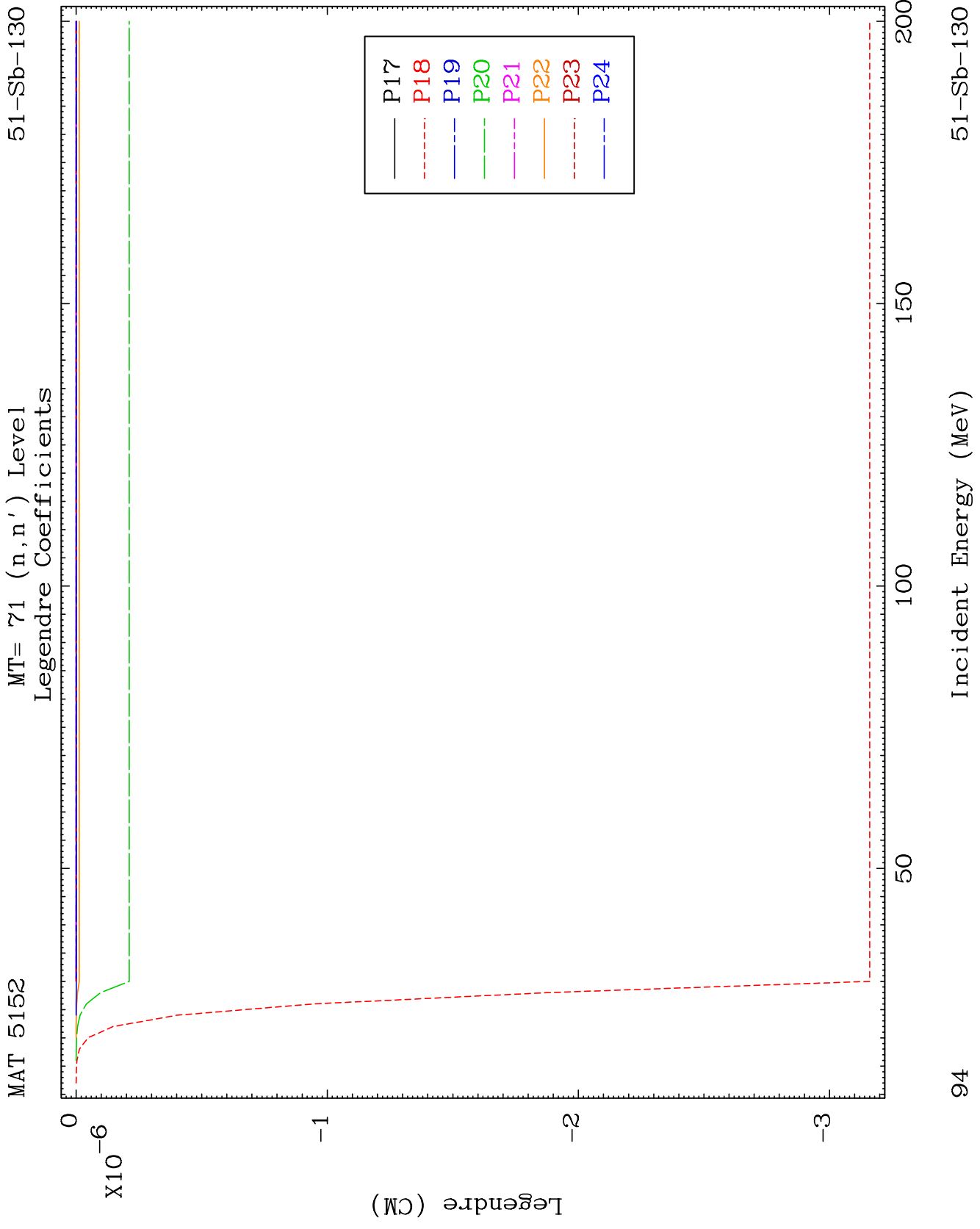
51-Sb-130



93

Incident Energy (MeV)

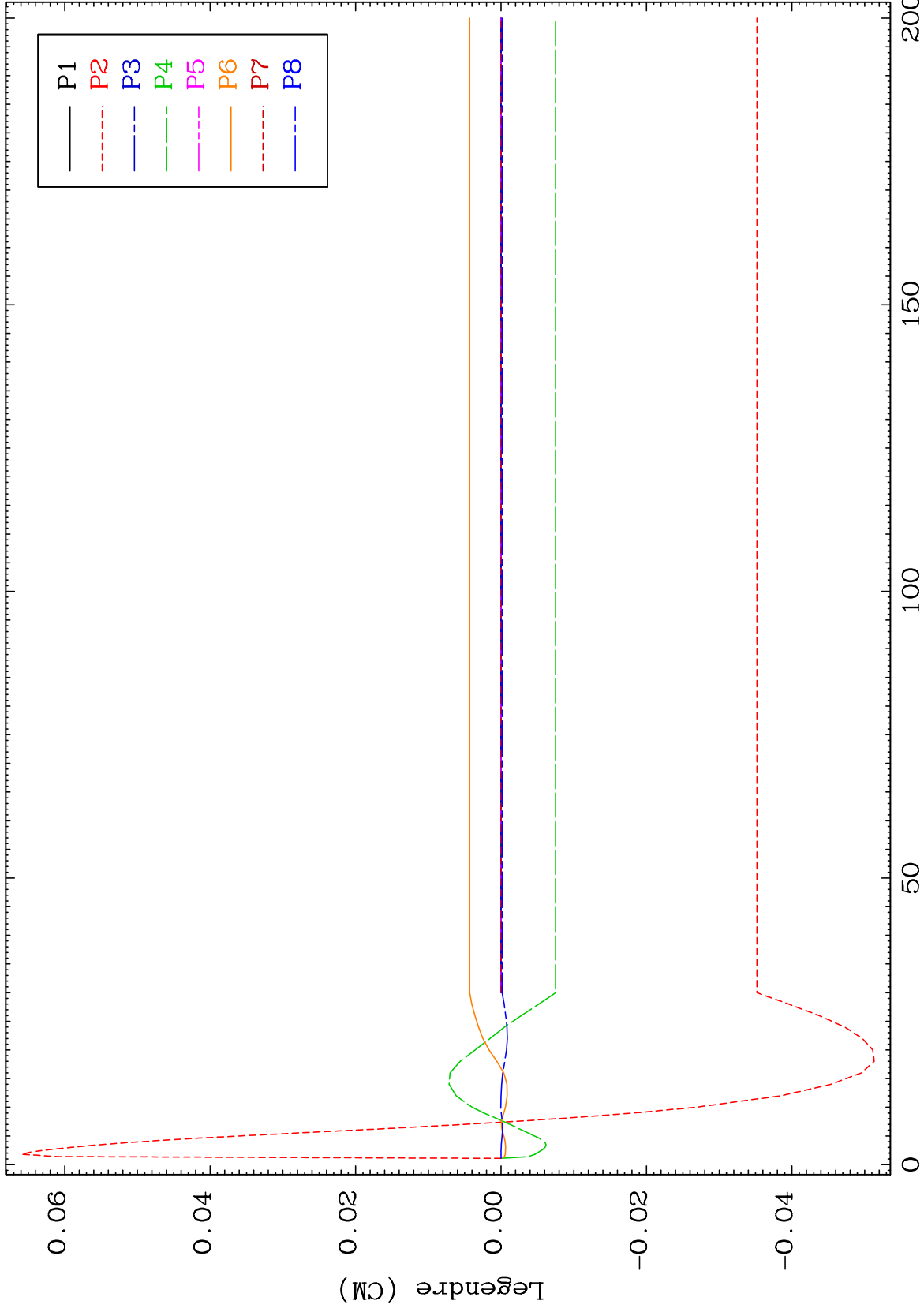
51-Sb-130



MAT 5152

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

51-Sb-130



51-Sb-130

Incident Energy (MeV)

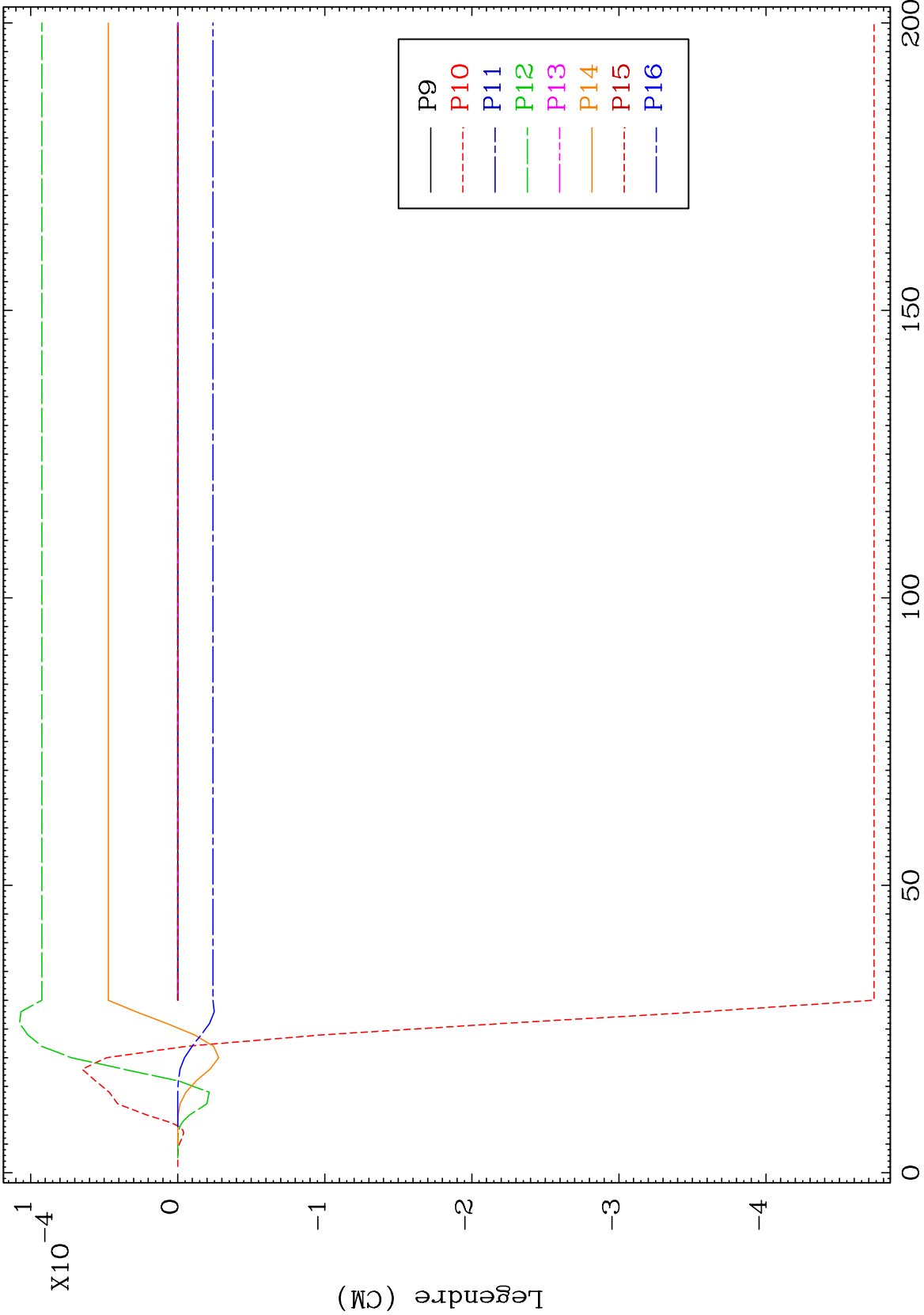
95

MAT 5152

MT= 72 (n,n') Level

51-Sb-130

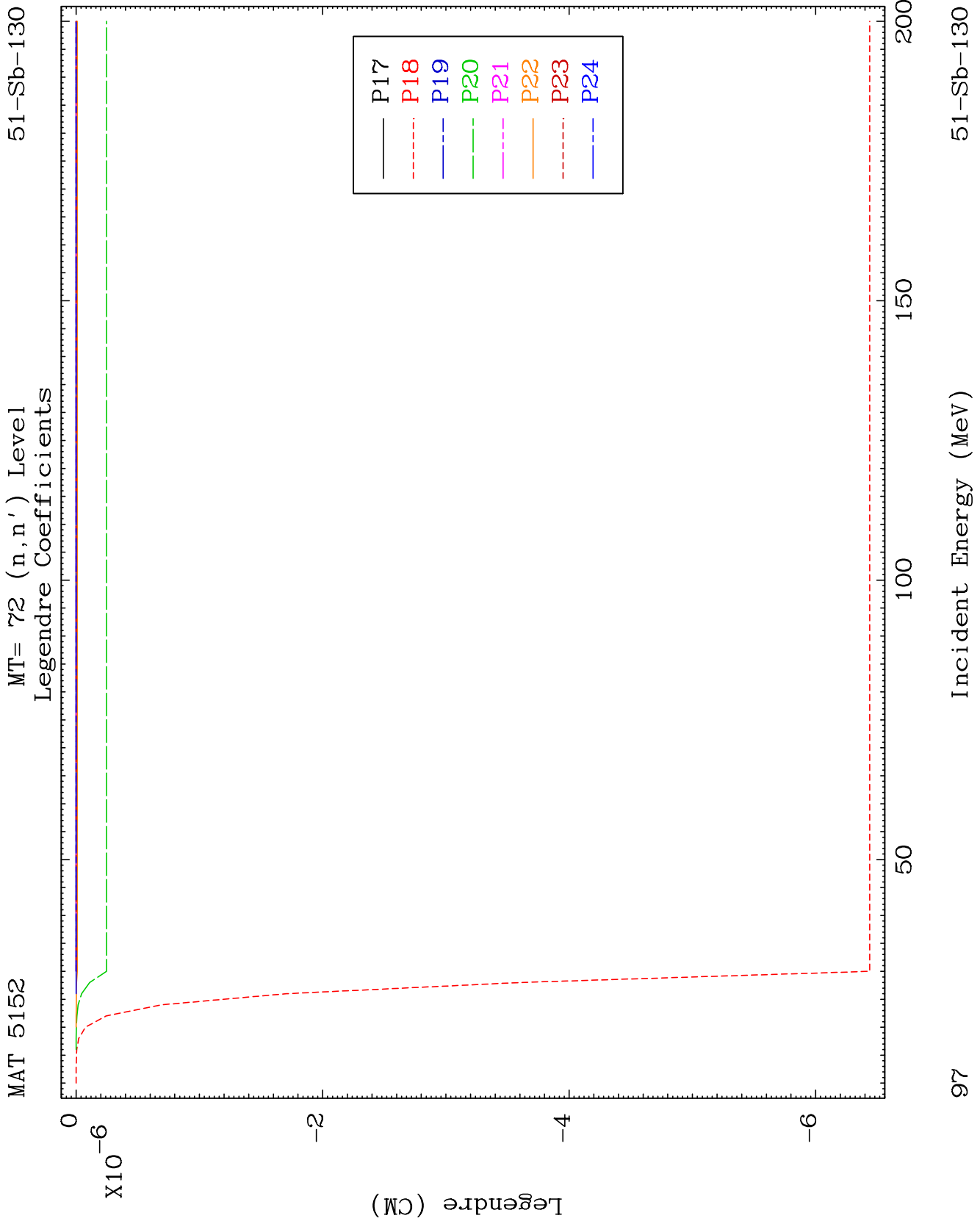
Legendre Coefficients



96

Incident Energy (MeV)

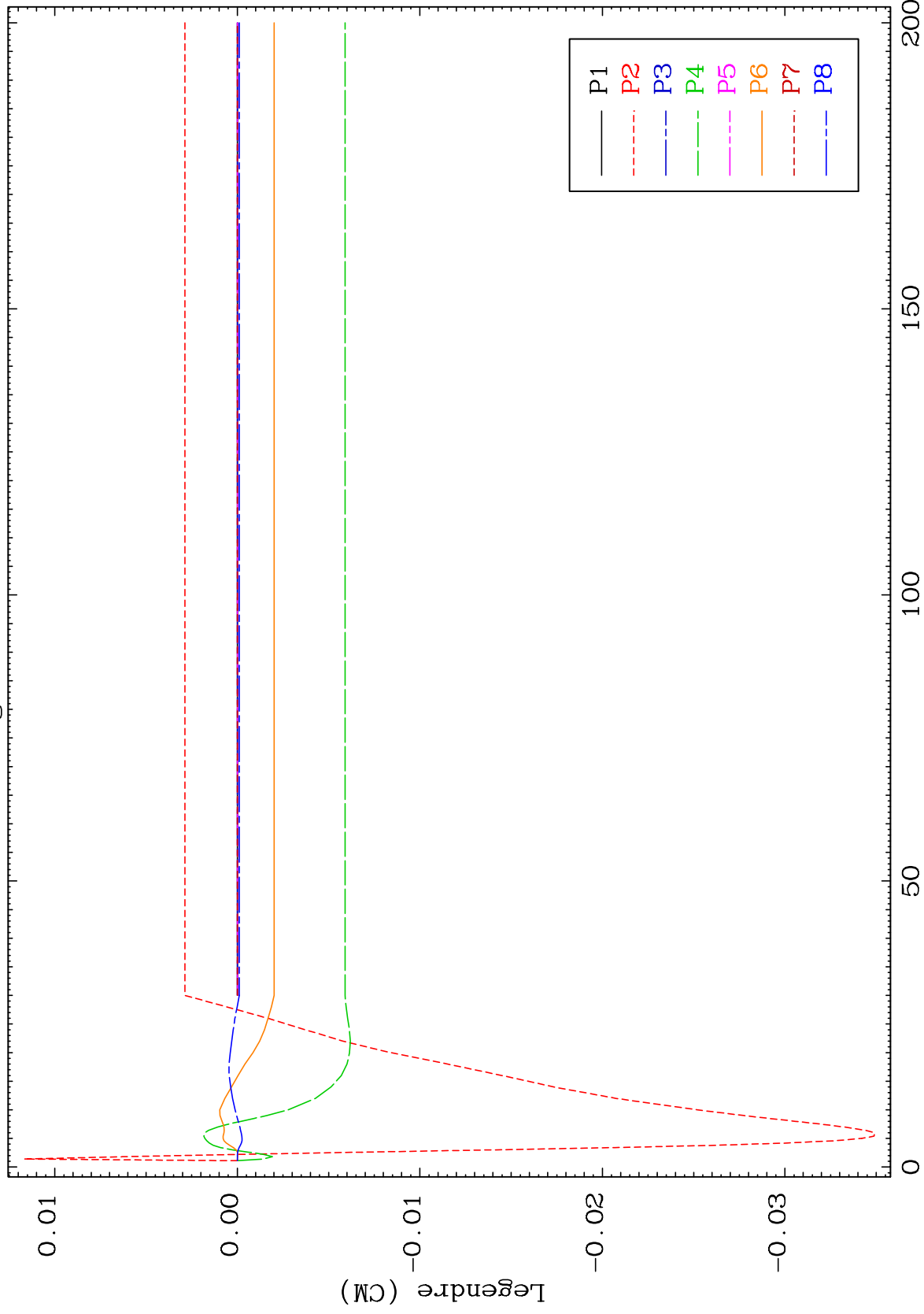
51-Sb-130



MAT 5152

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

51-Sb-130



98

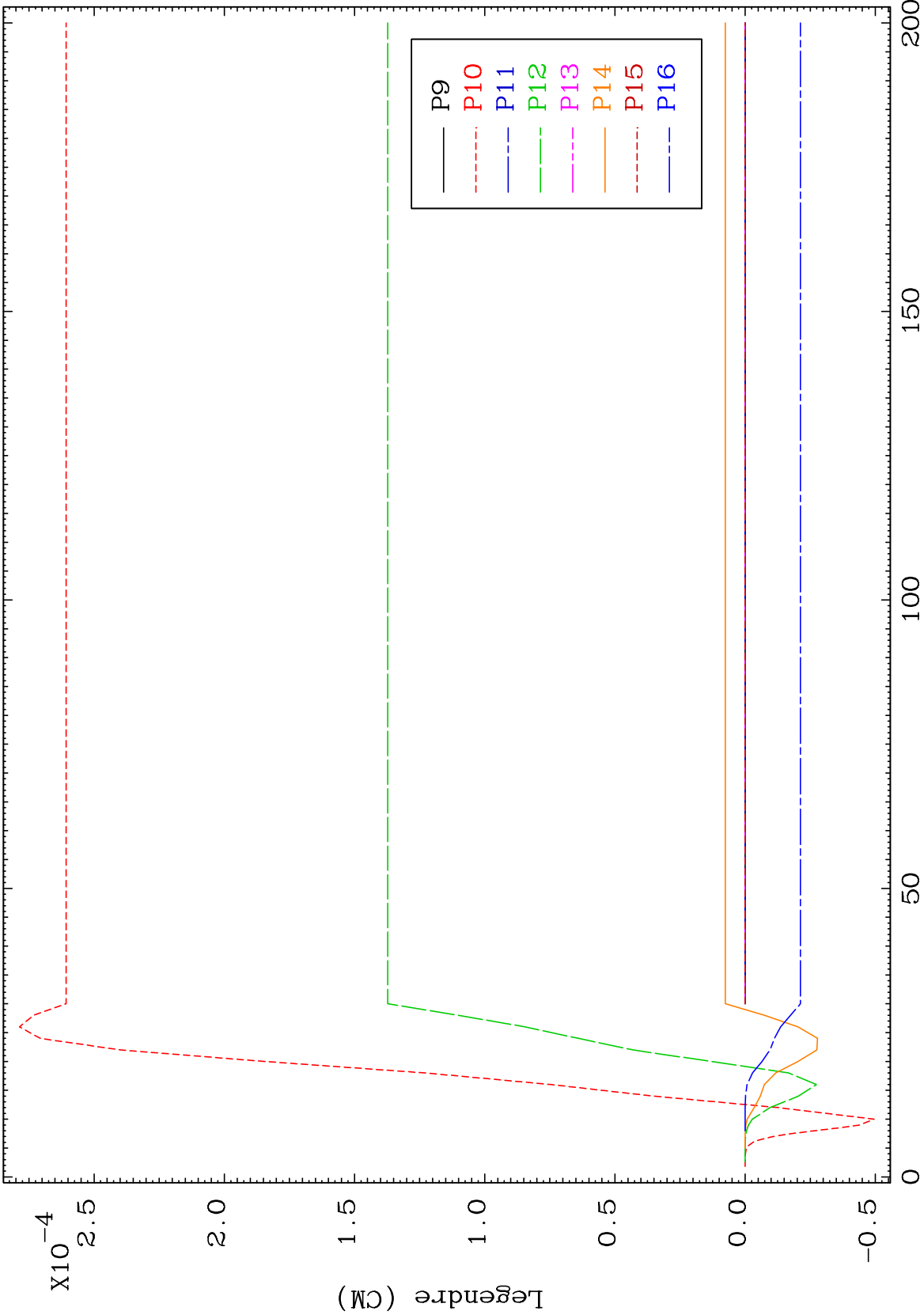
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

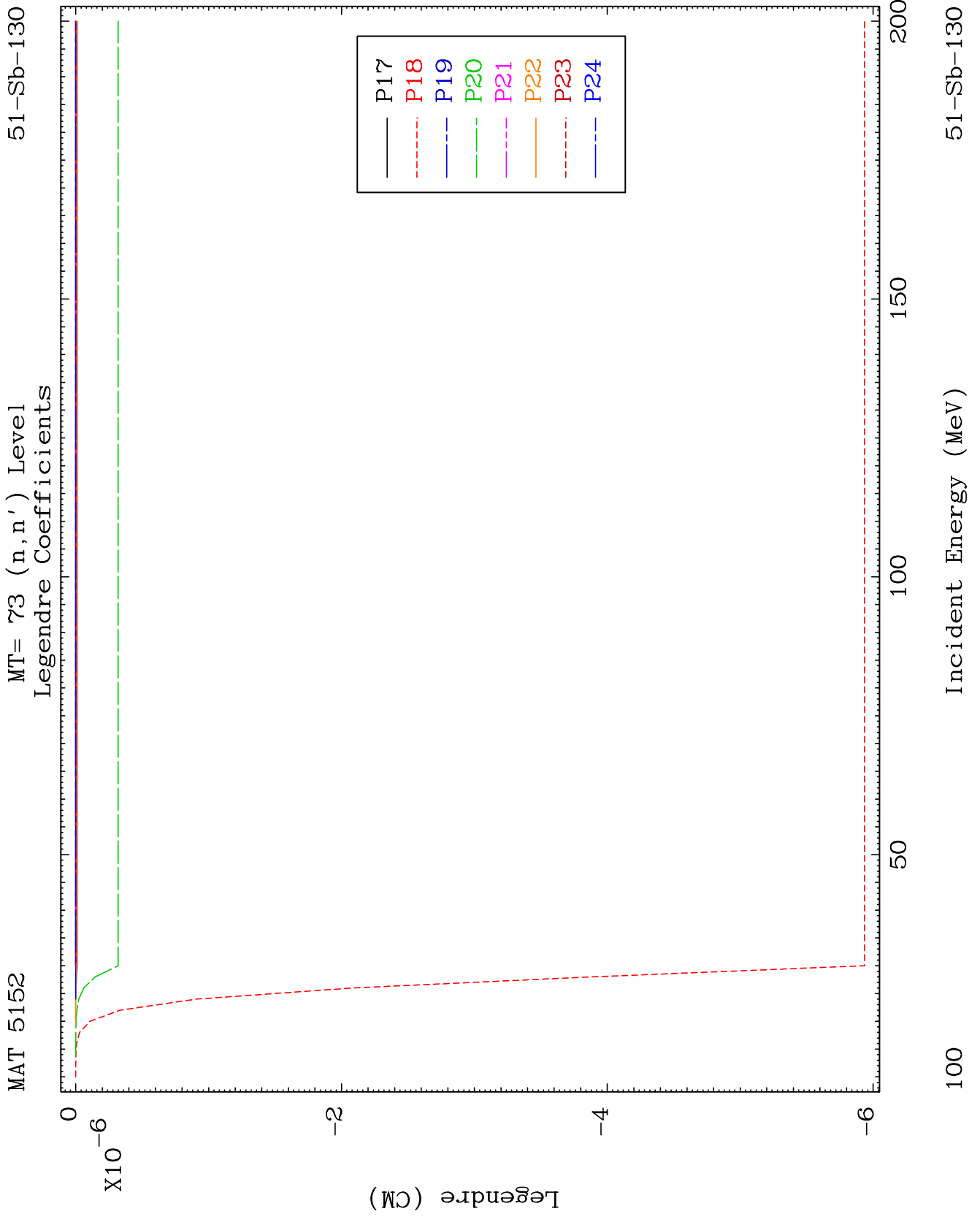
51-Sb-130

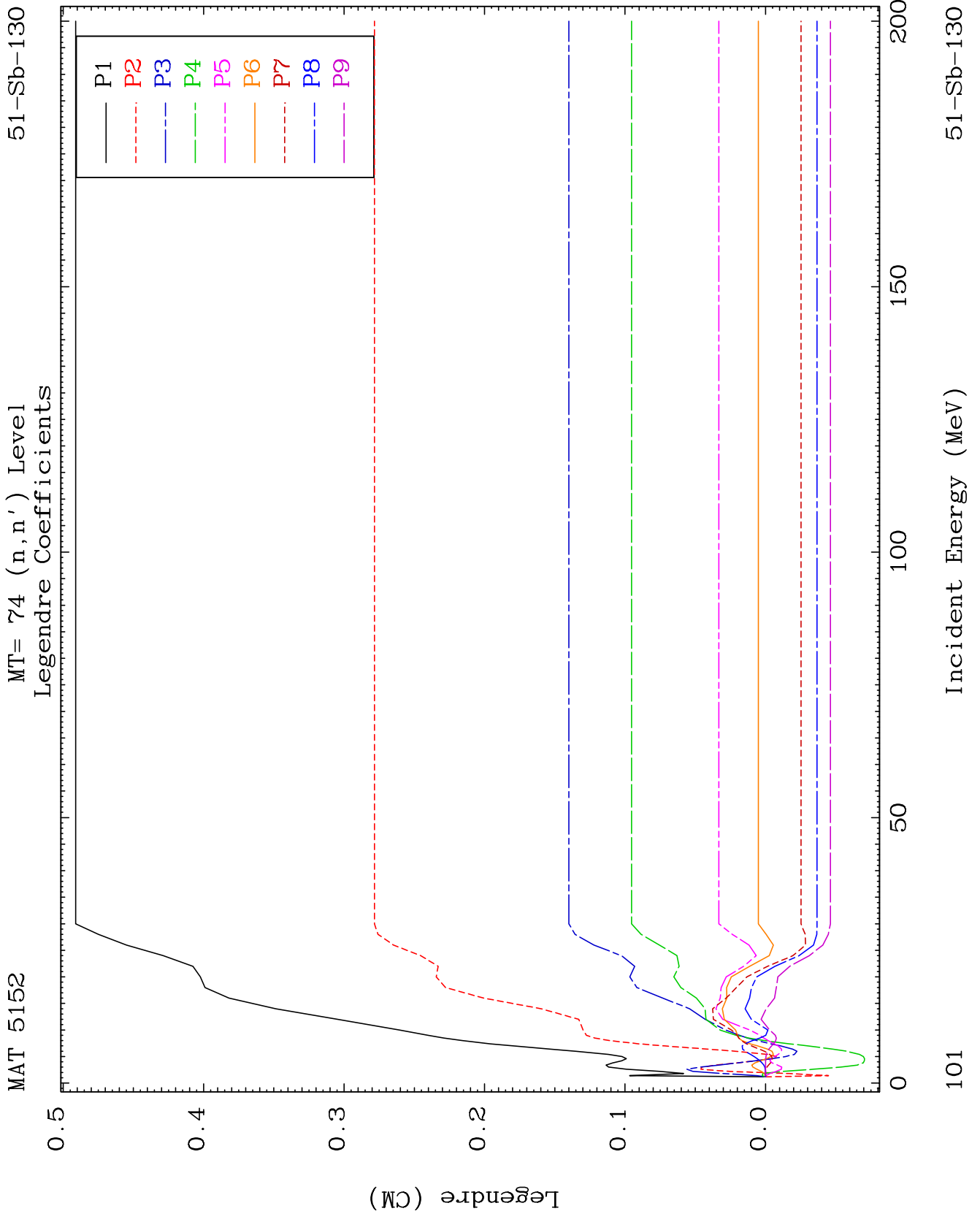


99

Incident Energy (MeV)

51-Sb-130

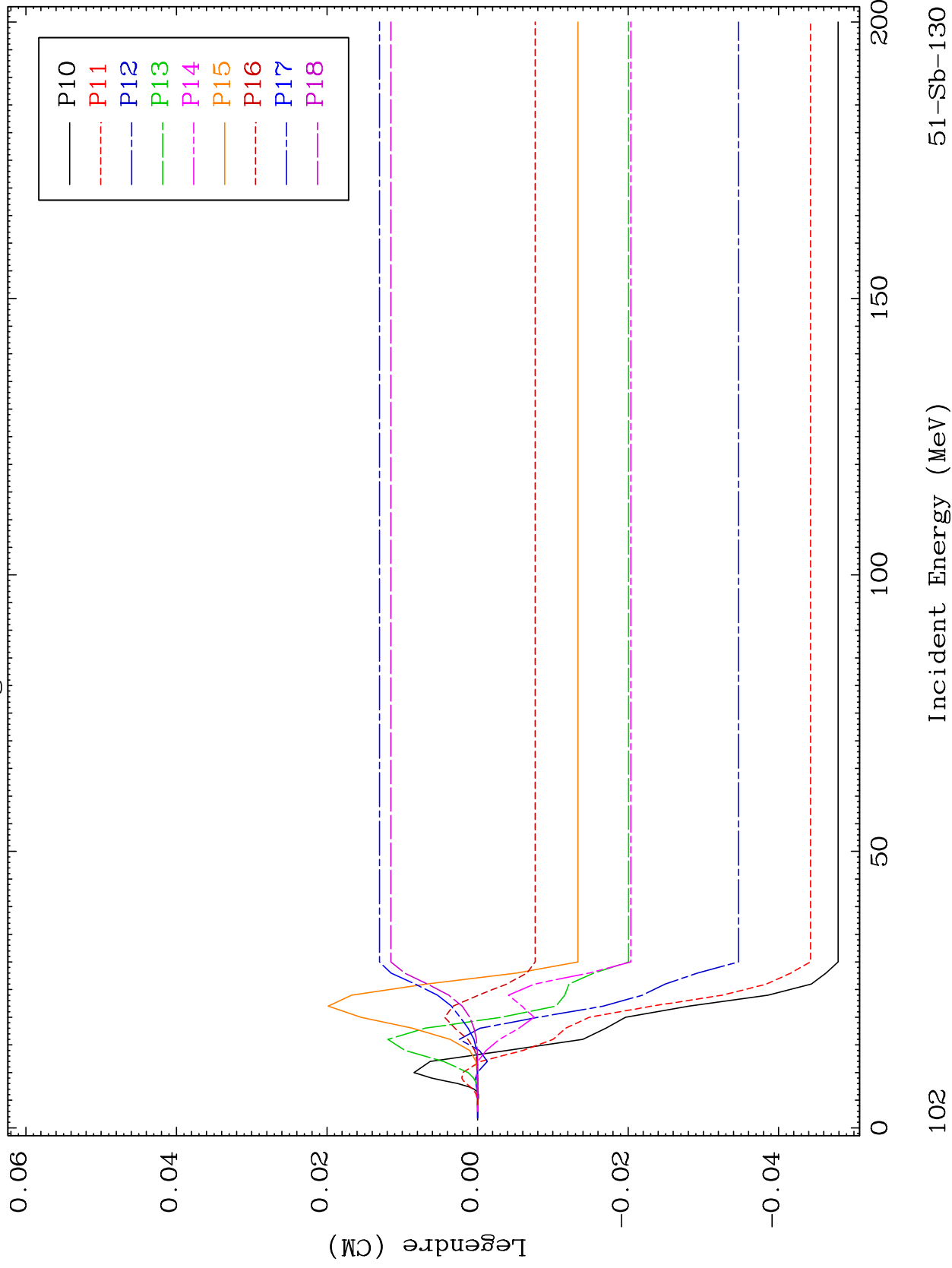




MAT 5152

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

51-Sb-130



51-Sb-130

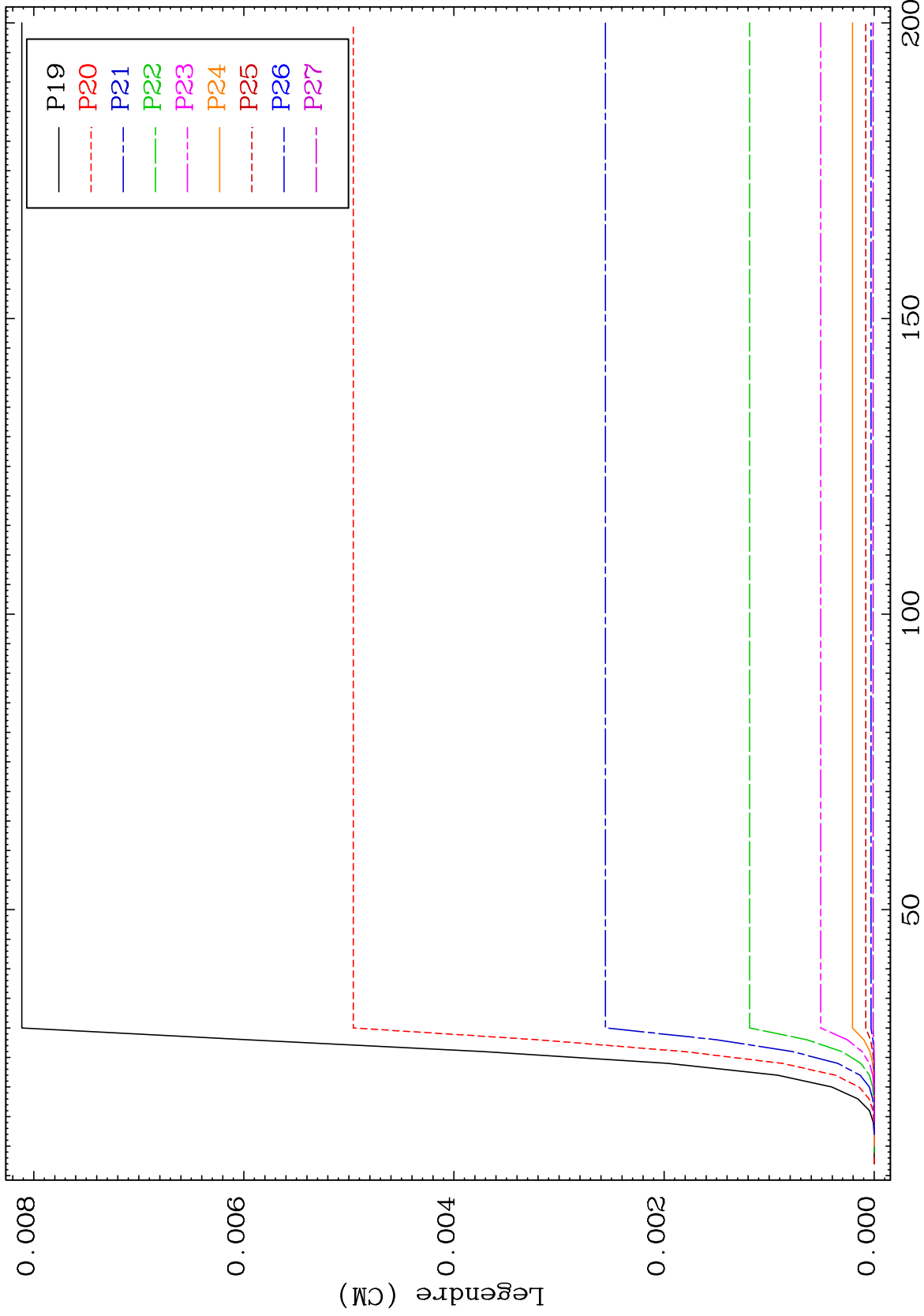
Incident Energy (MeV)

102

MAT 5152

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

51-Sb-130



103

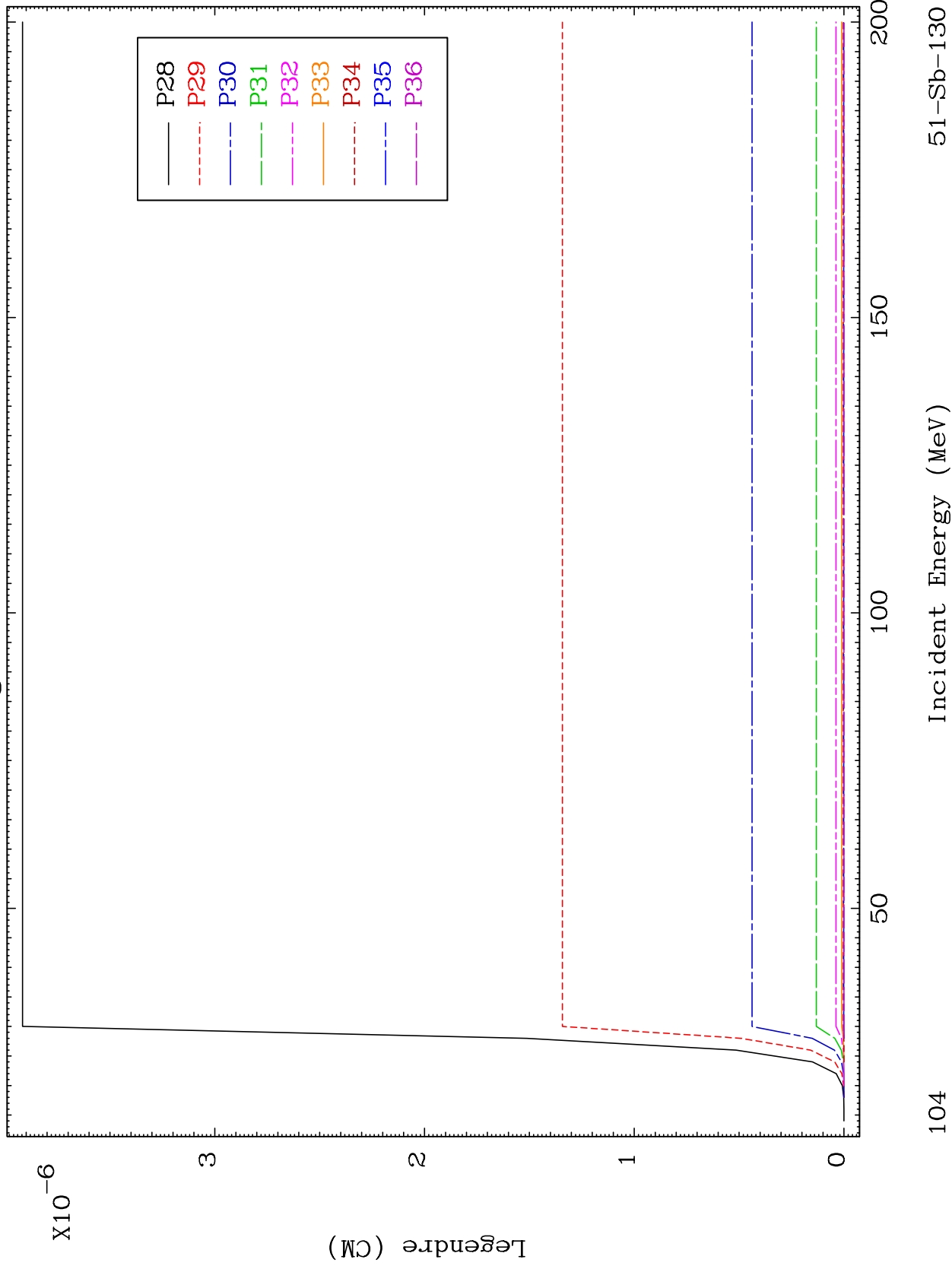
Incident Energy (MeV)

51-Sb-130

MAT 5152

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

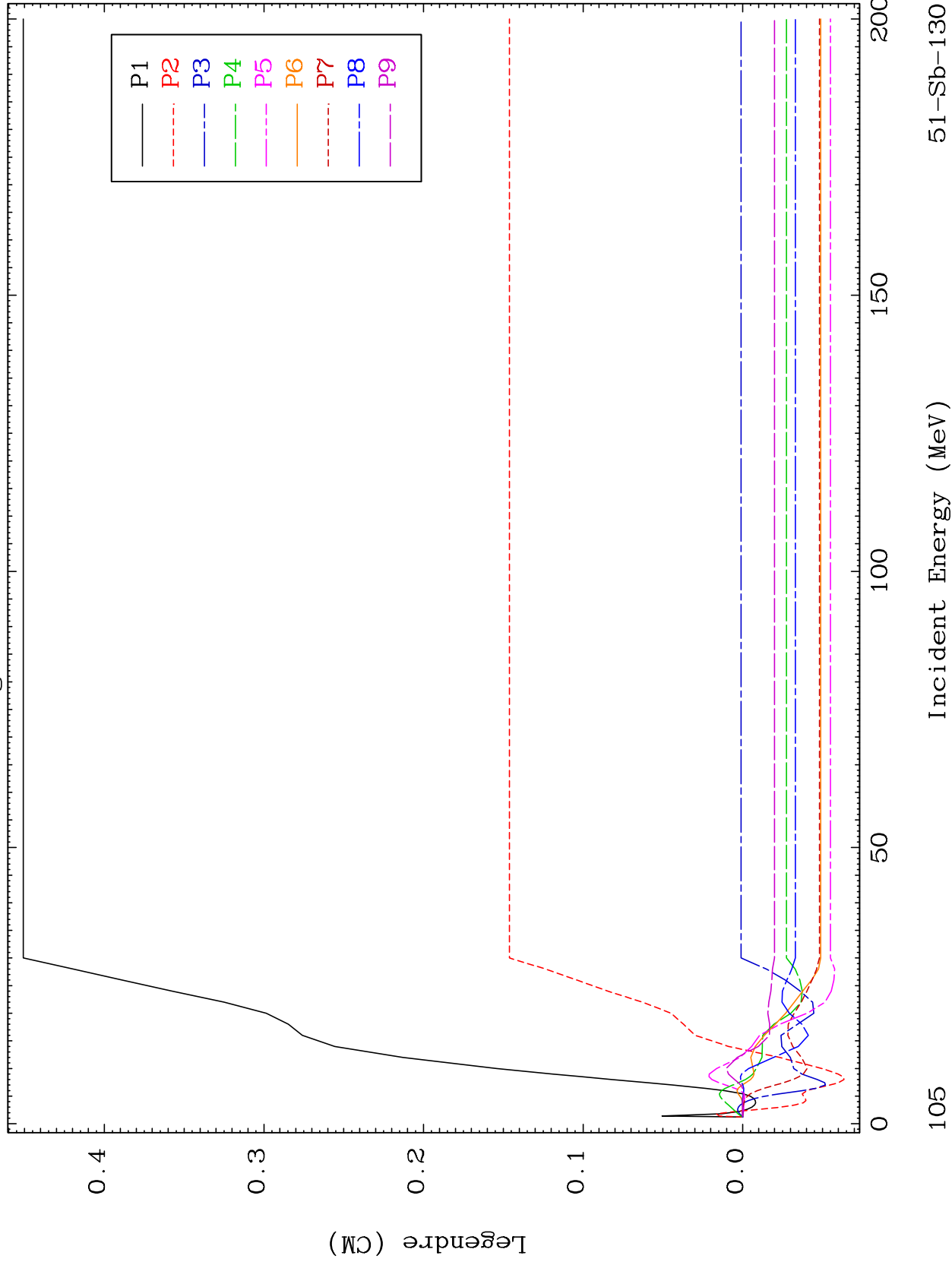
51-Sb-130

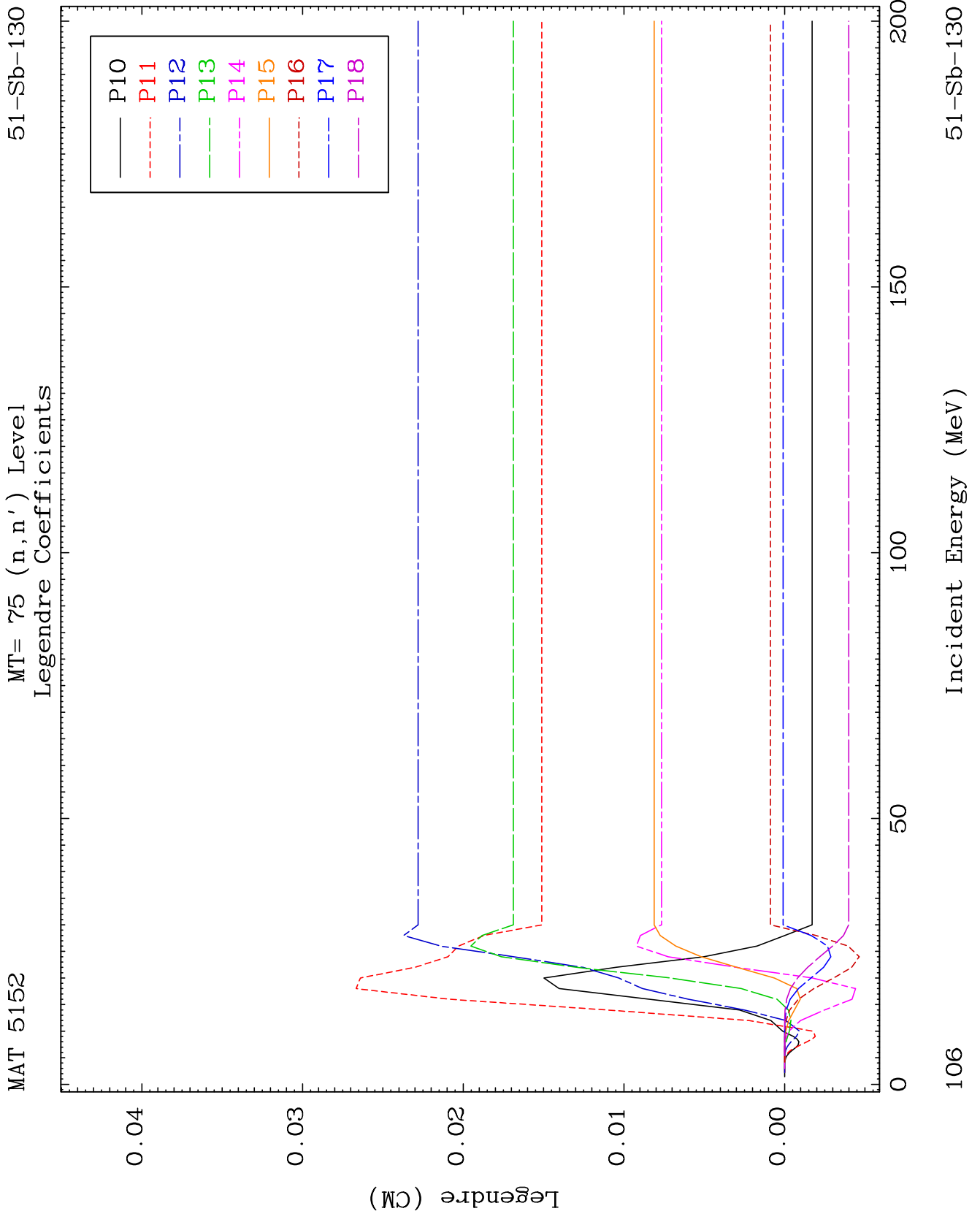


MAT 5152

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

51-Sb-130

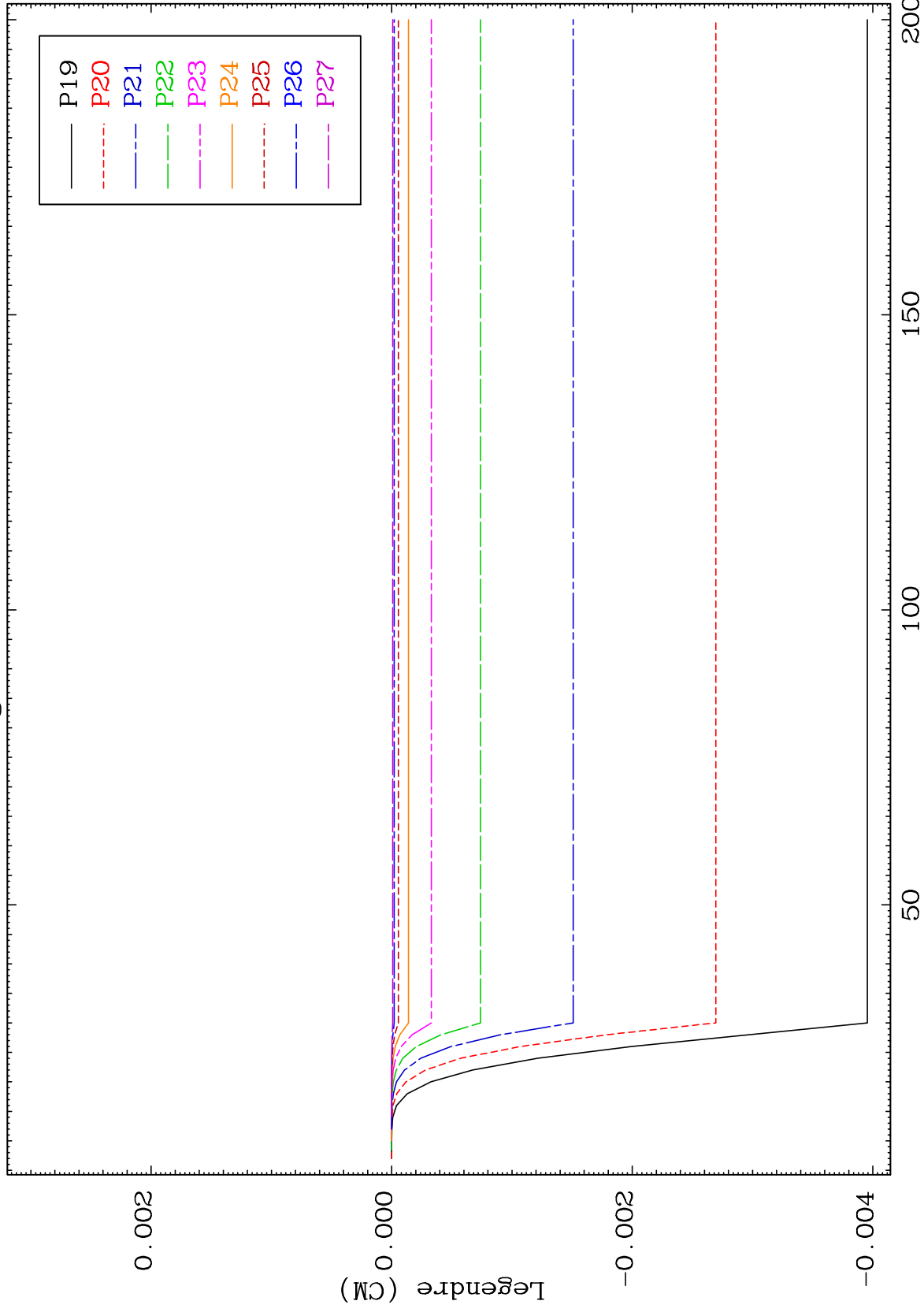




MAT 5152

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

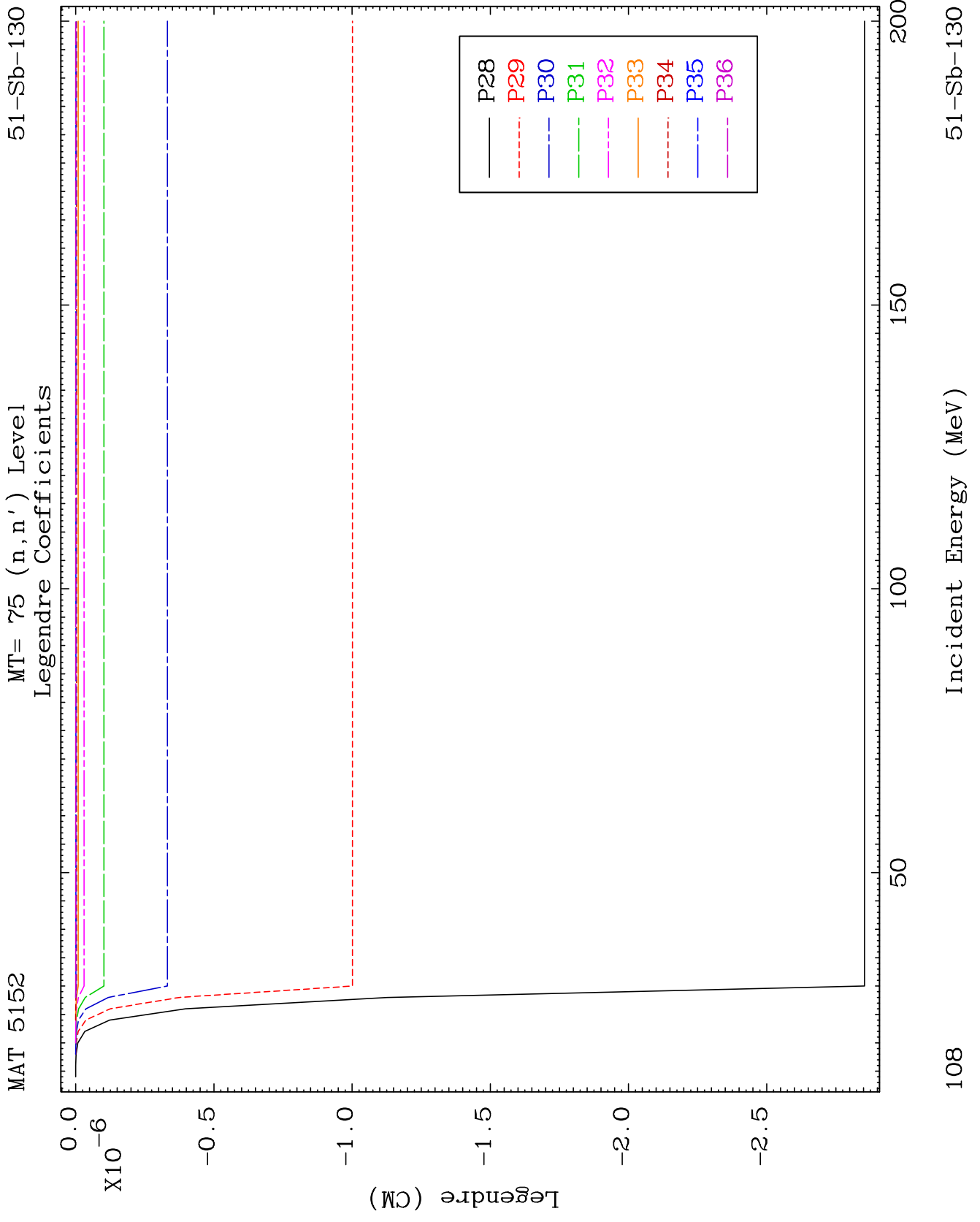
51-Sb-130



107

Incident Energy (MeV)

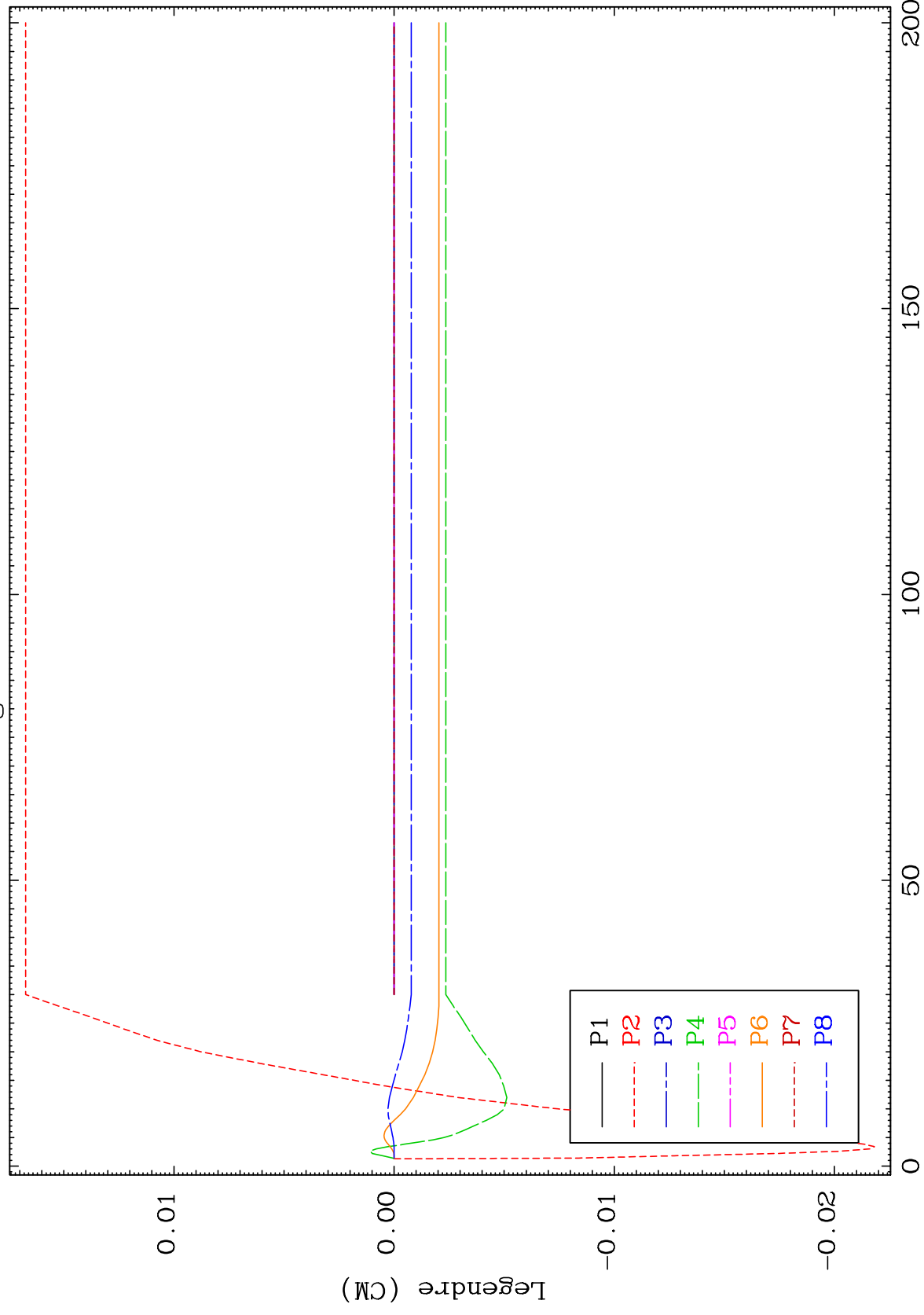
51-Sb-130



MAT 5152

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

51-Sb-130



109

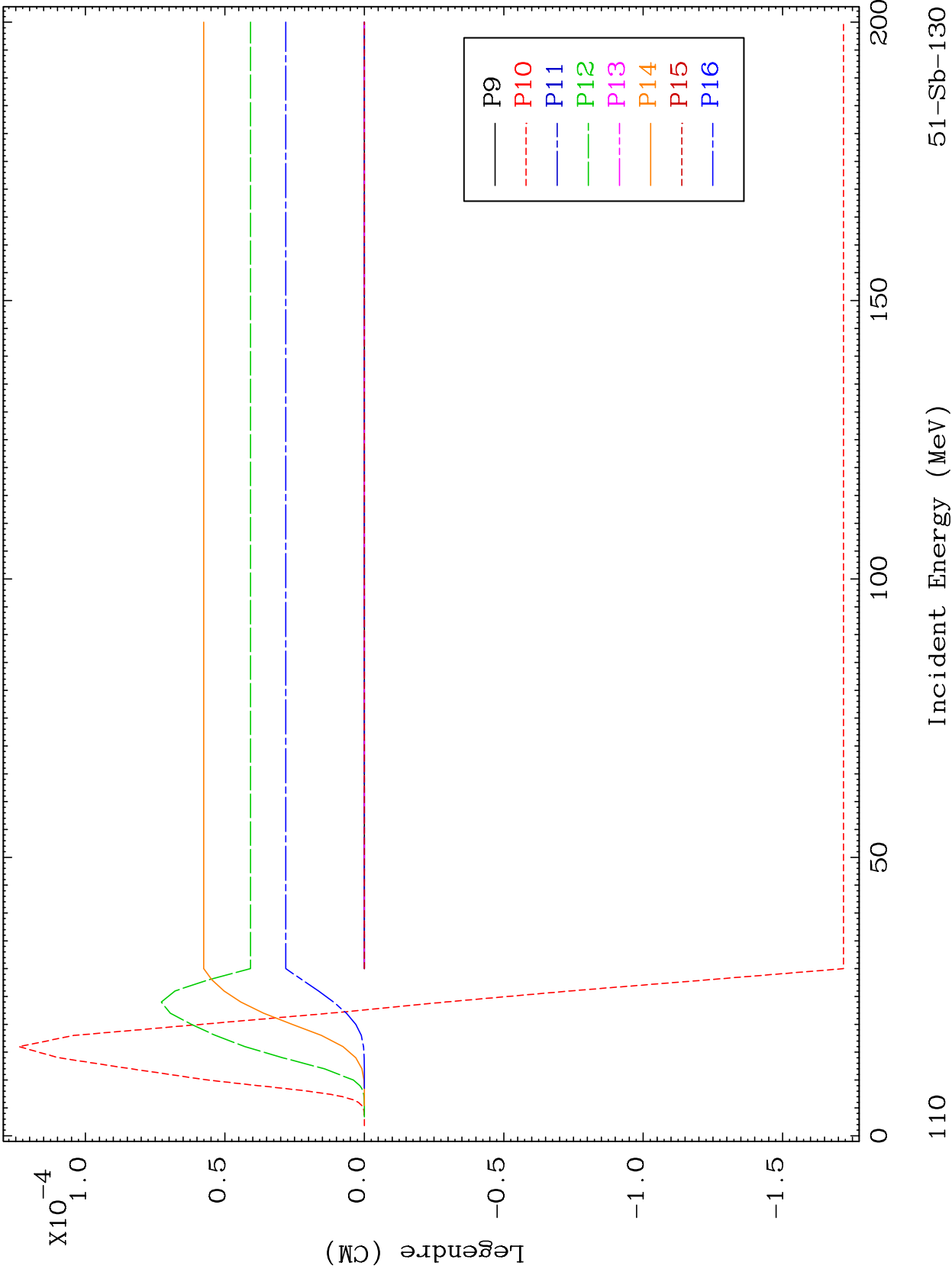
Incident Energy (MeV)

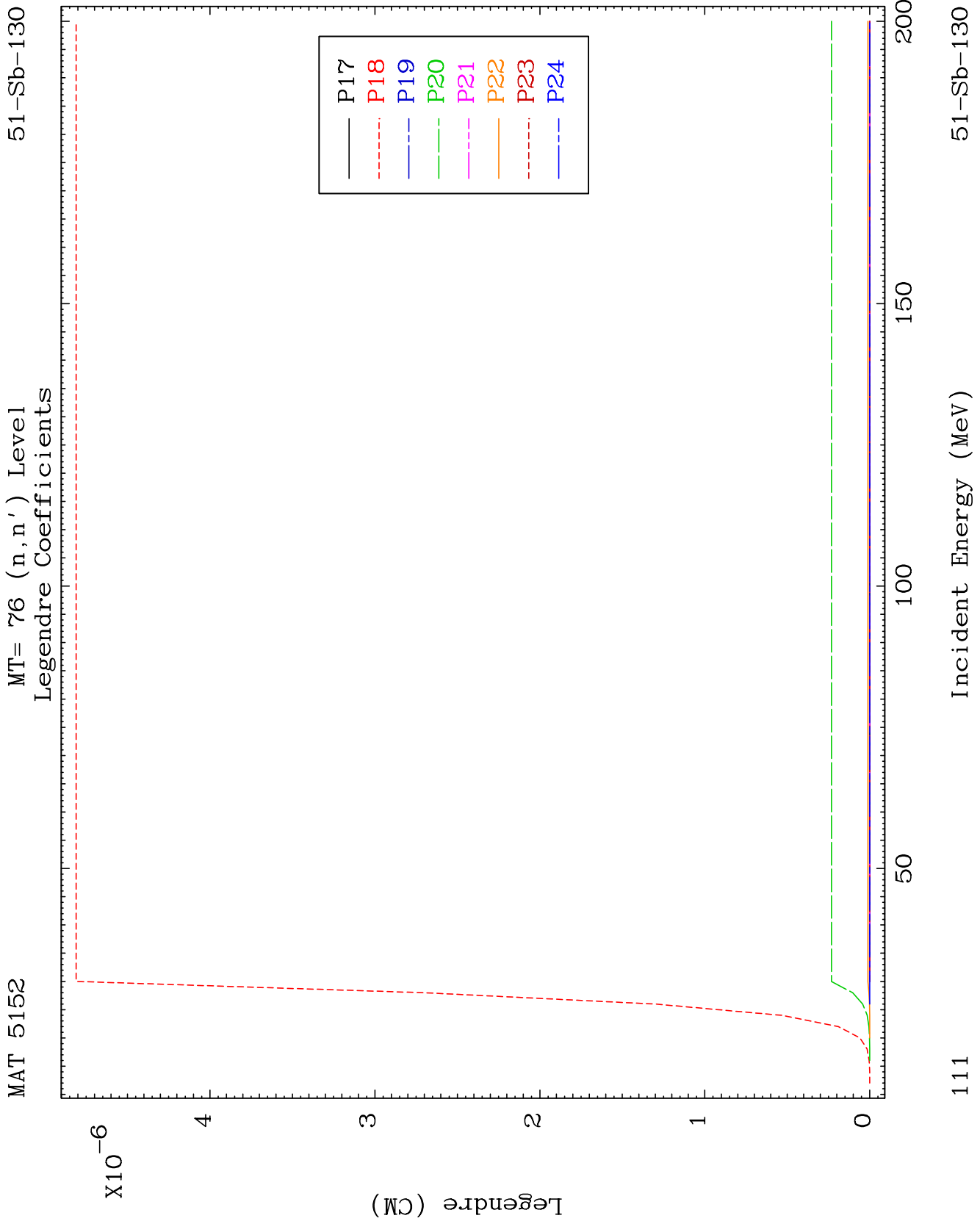
51-Sb-130

MAT 5152

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

51-Sb-130

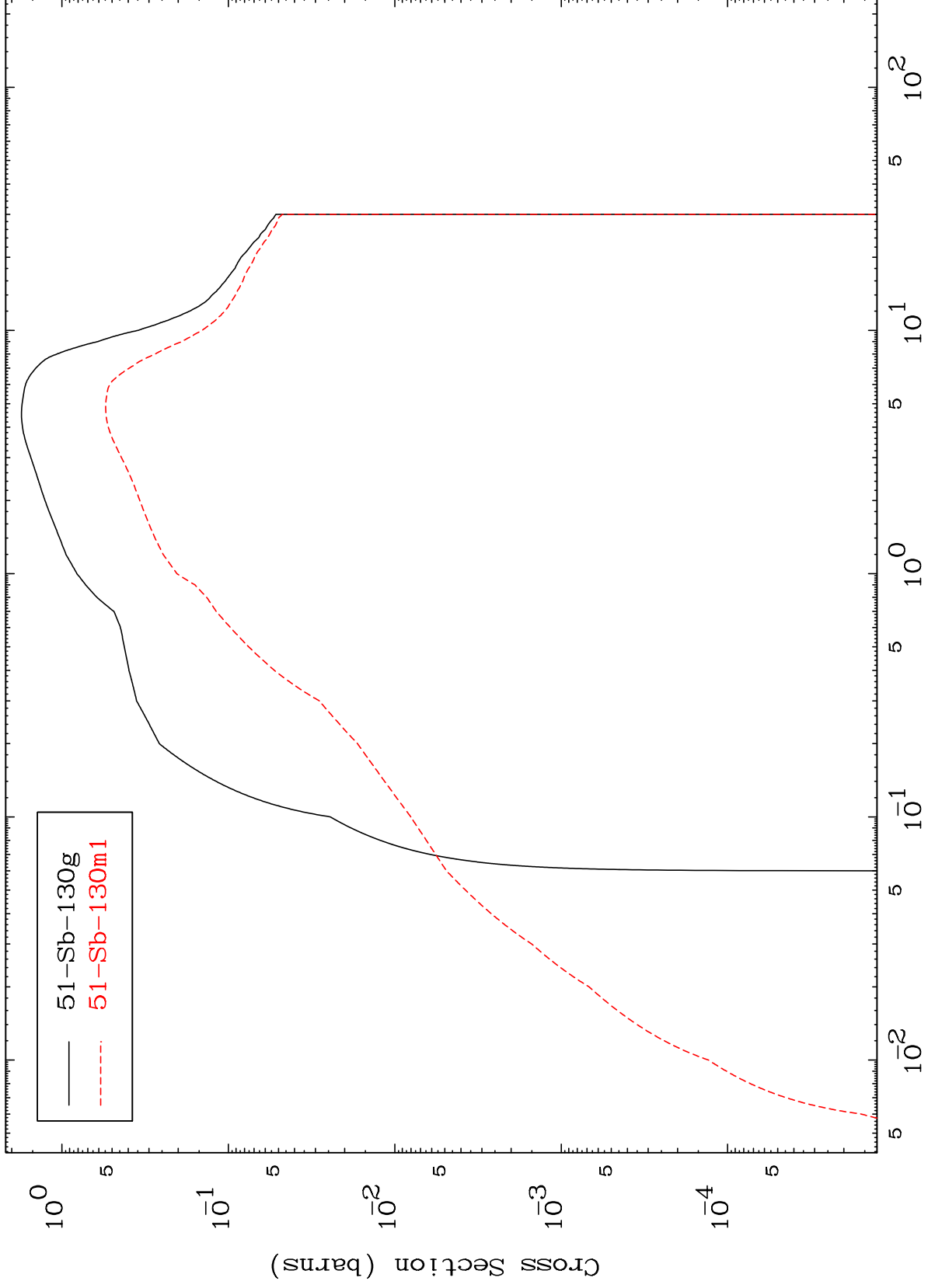




MAT 5152

51-Sb-130

Inelastic
Radionuclide Production Cross Section



51-Sb-130g
51-Sb-130m1

51-Sb-130

Incident Energy (MeV)

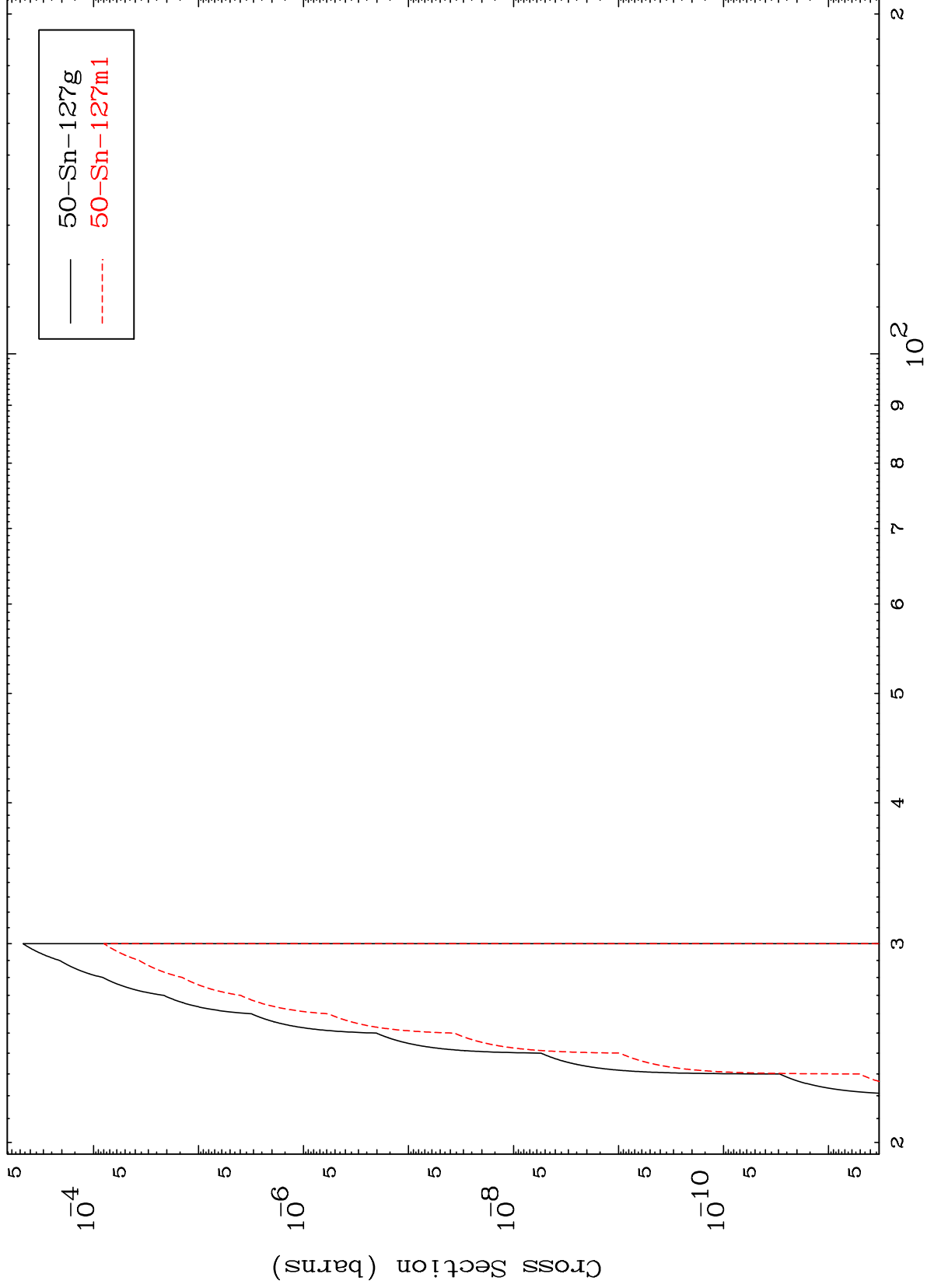
112

MAT 5152

(n,2n) d

51-Sb-130

Radionuclide Production Cross Section



113

Incident Energy (MeV)

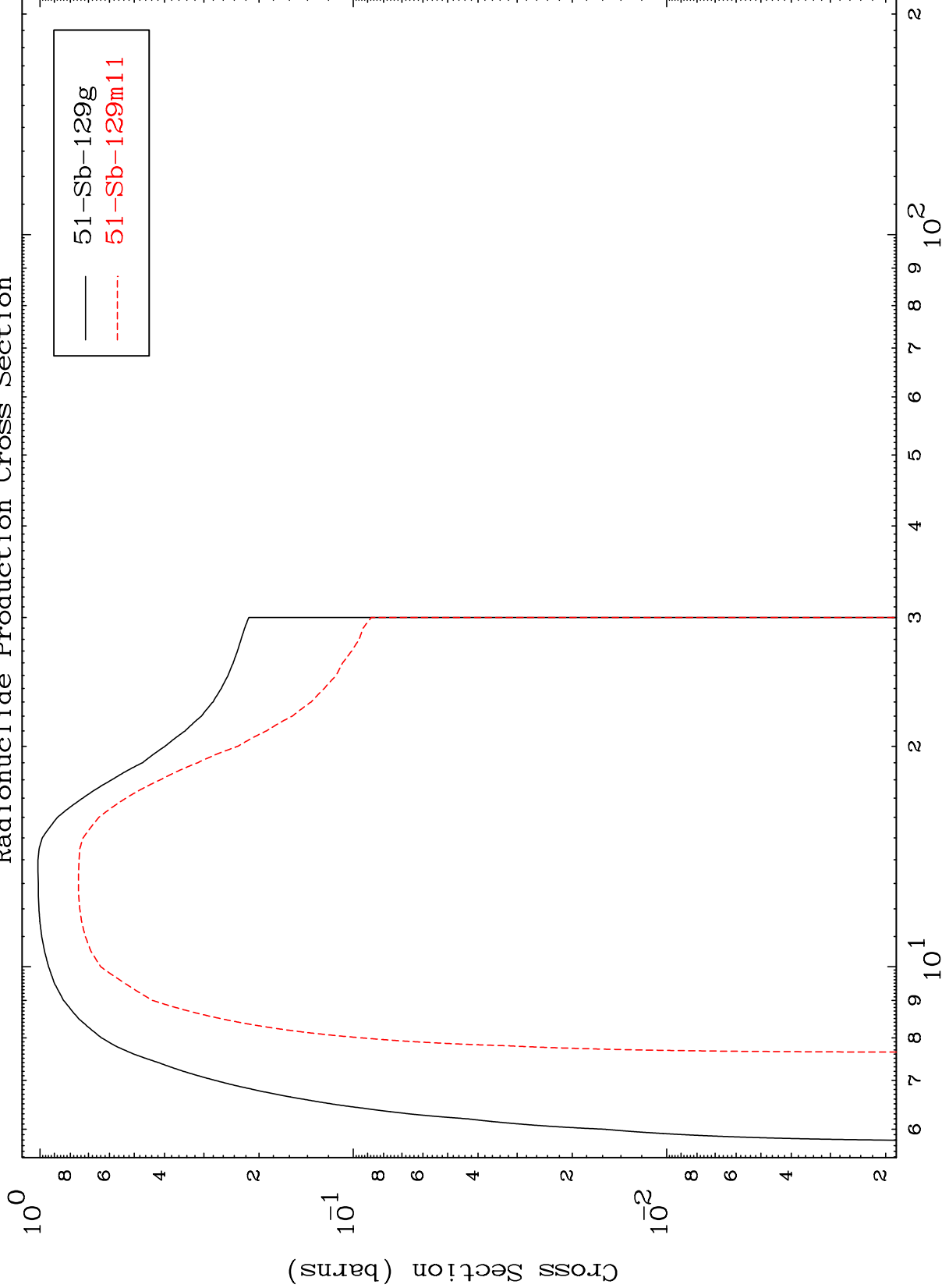
51-Sb-130

MAT 5152

(n,2n)

51-Sb-130

Radionuclide Production Cross Section



114

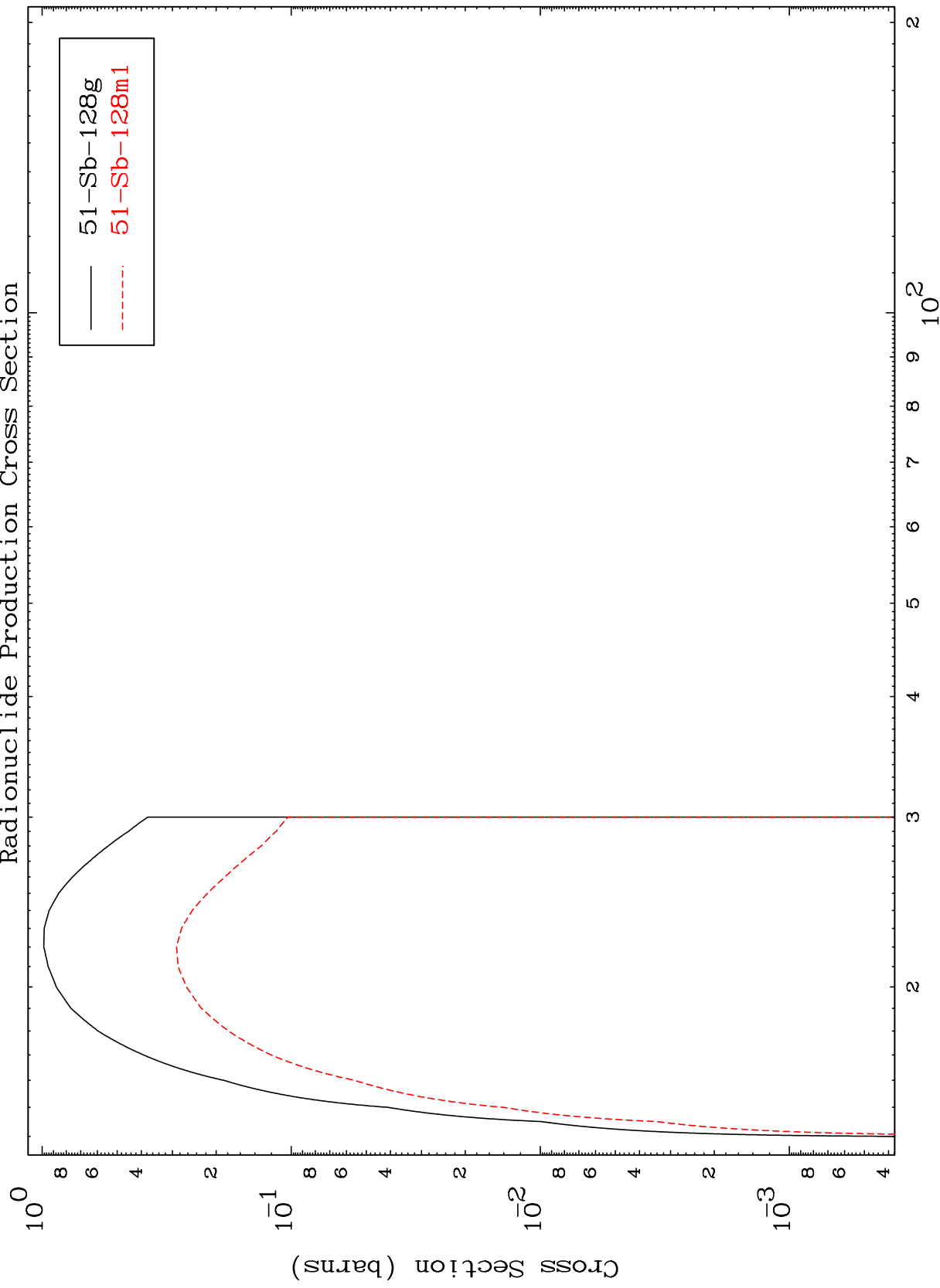
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(n,3n)
Radionuclide Production Cross Section



115

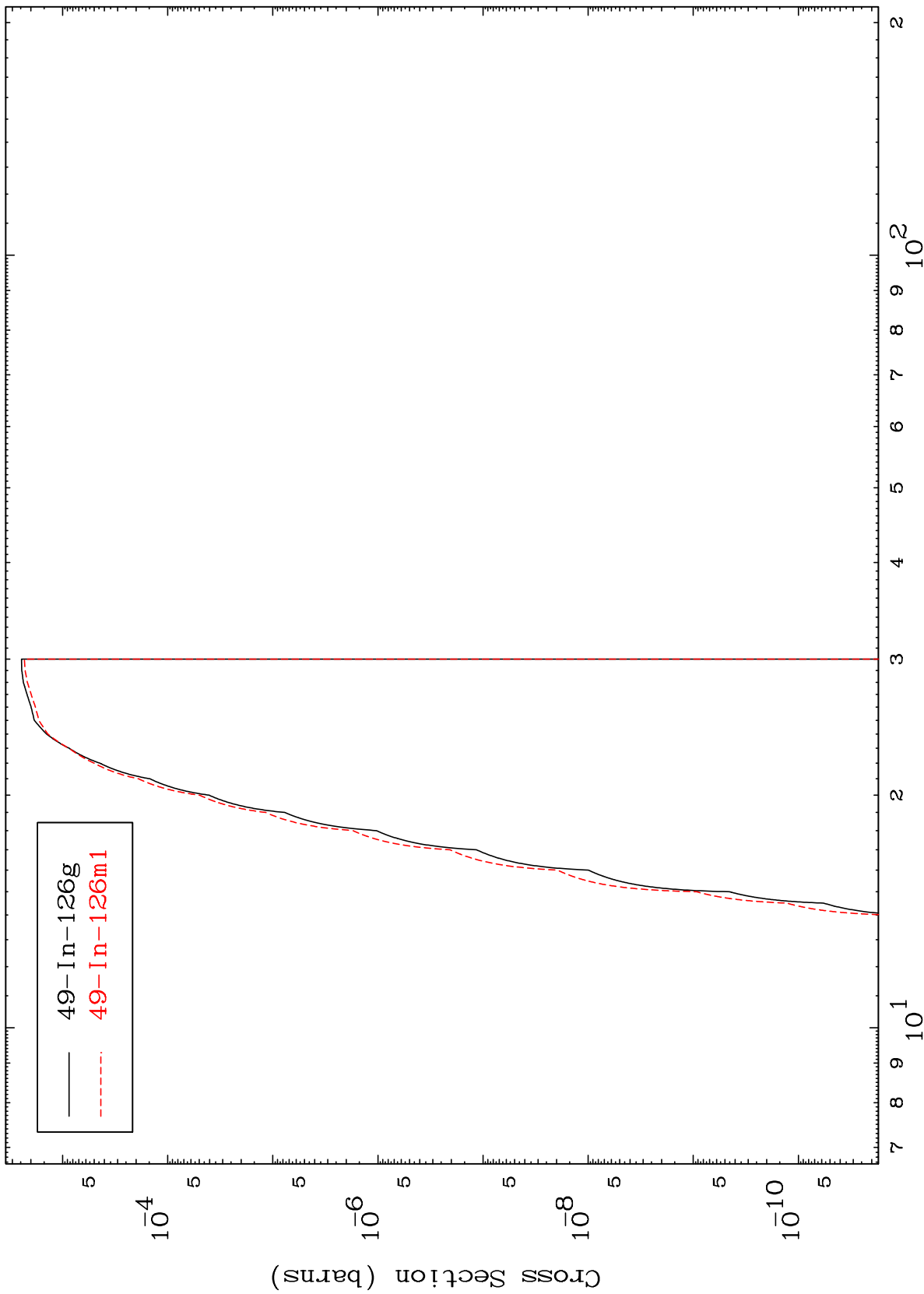
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(n,n') α
Radionuclide Production Cross Section



116

51-Sb-130

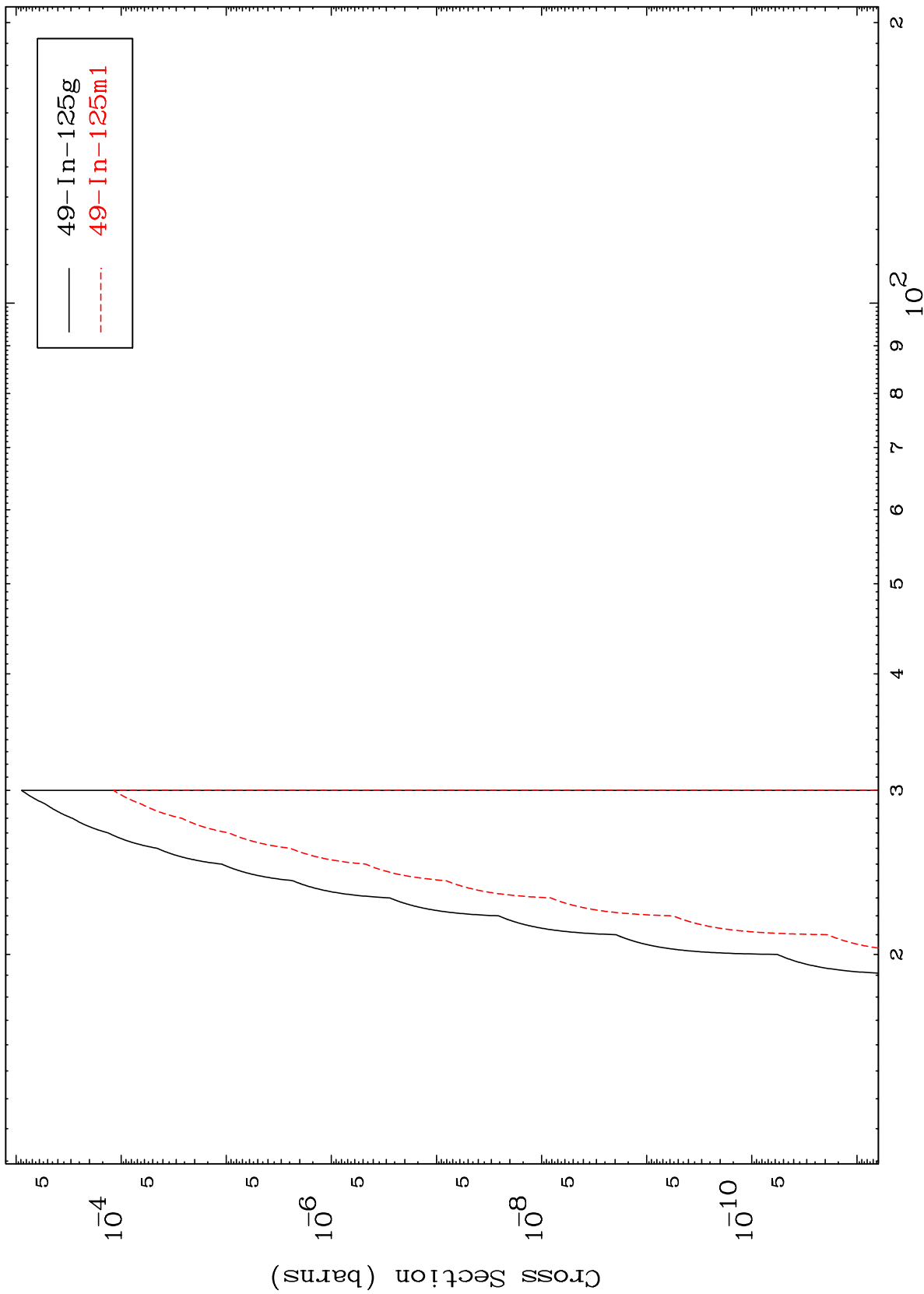
Incident Energy (MeV)

MAT 5152

(n,2n) α

51-Sb-130

Radionuclide Production Cross Section

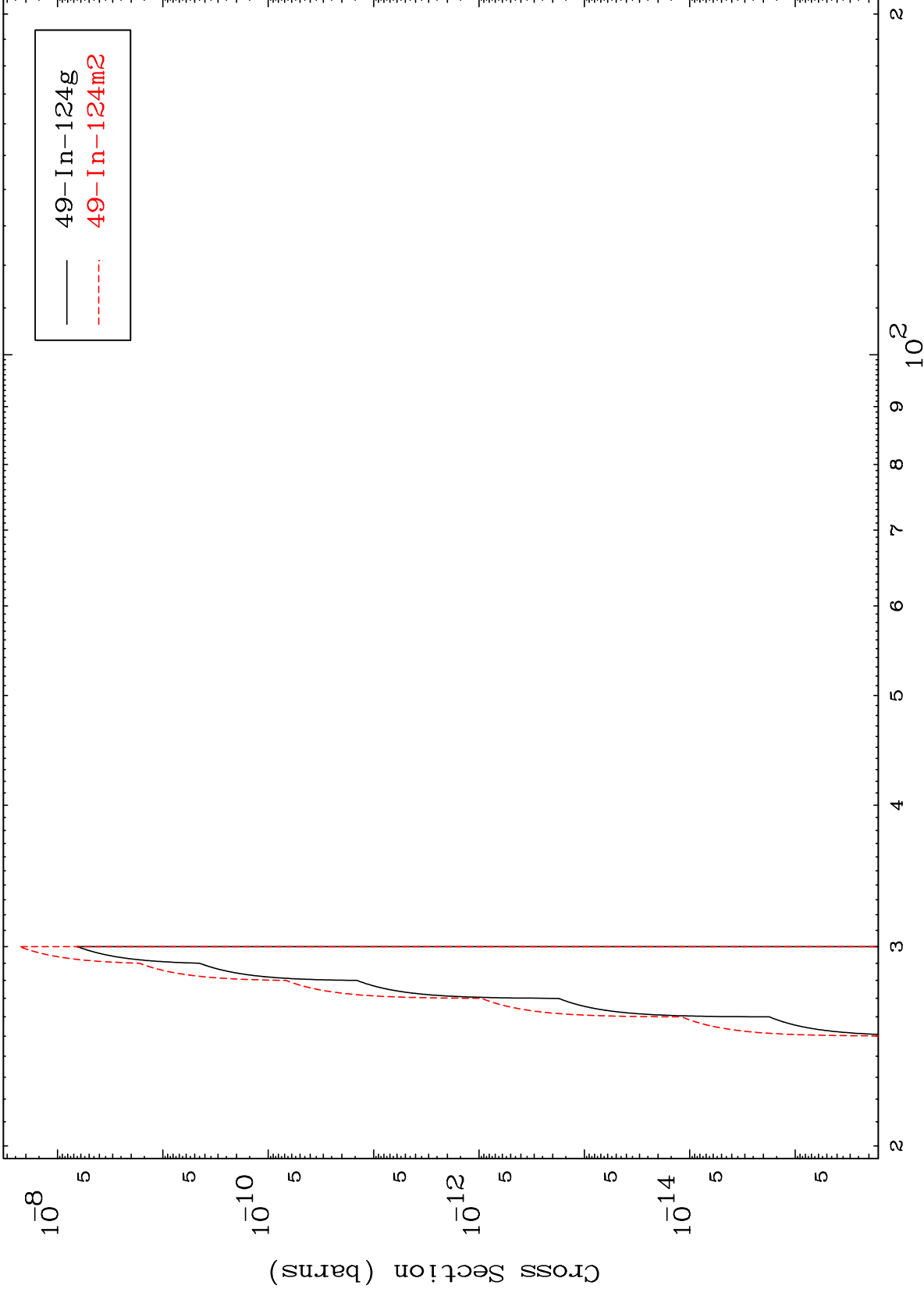


117

Incident Energy (MeV)

51-Sb-130

Radionuclide Production Cross Section



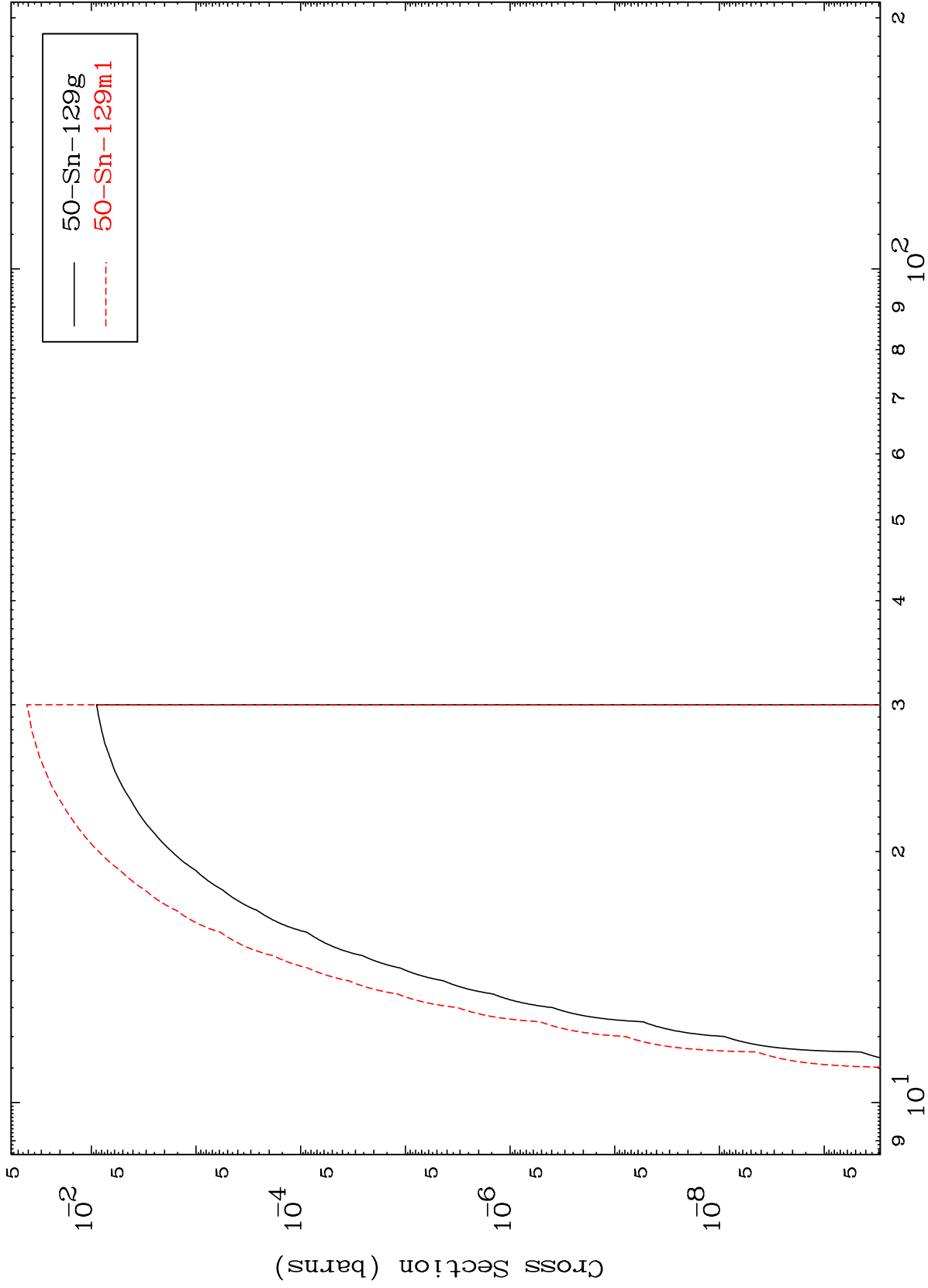
49-In-124g
49-In-124m2

MAT 5152

(n,n') p

51-Sb-130

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-130

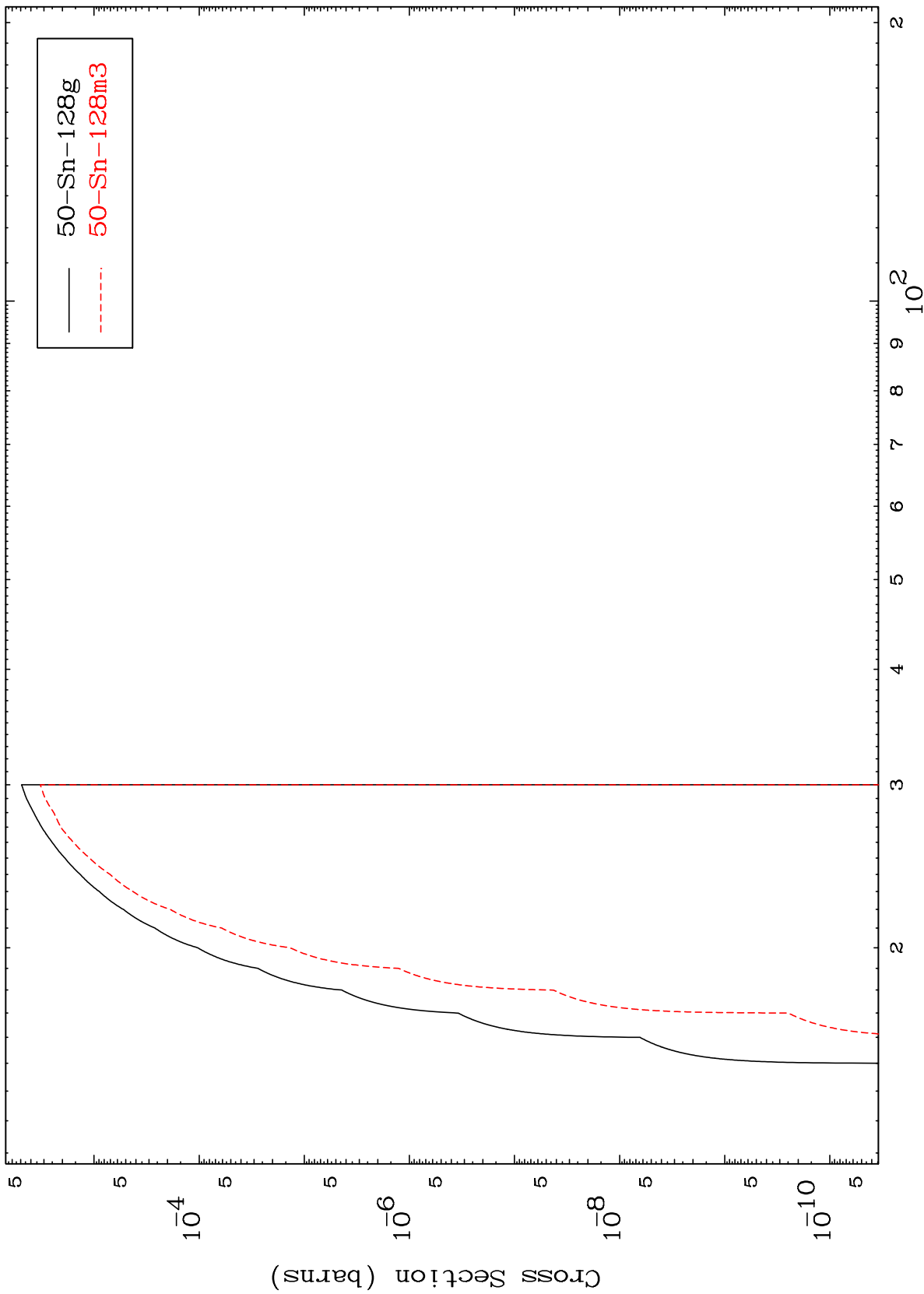
119

MAT 5152

(n,n') d

51-Sb-130

Radionuclide Production Cross Section



120

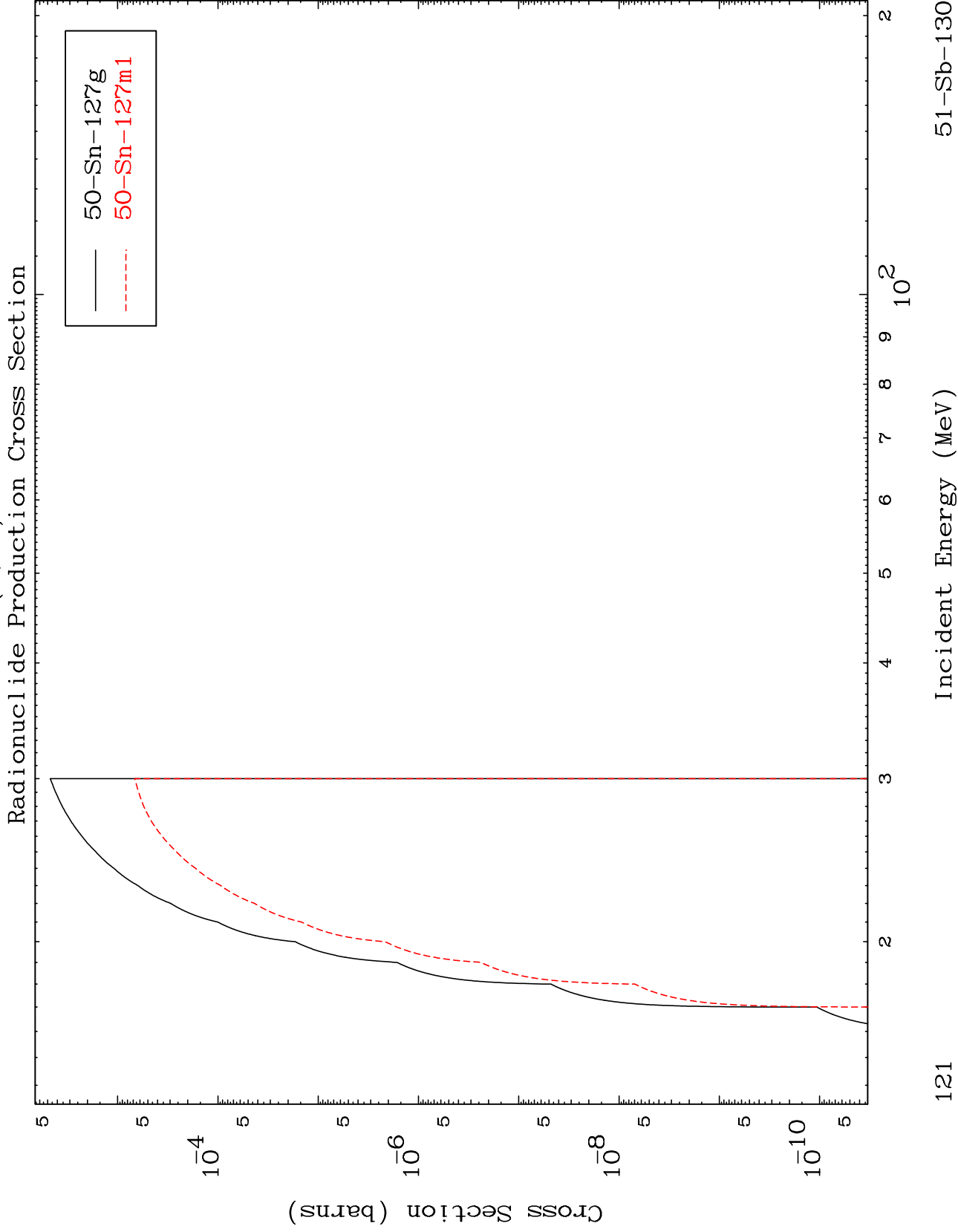
Incident Energy (MeV)

51-Sb-130

MAT 5152

(n,n') t

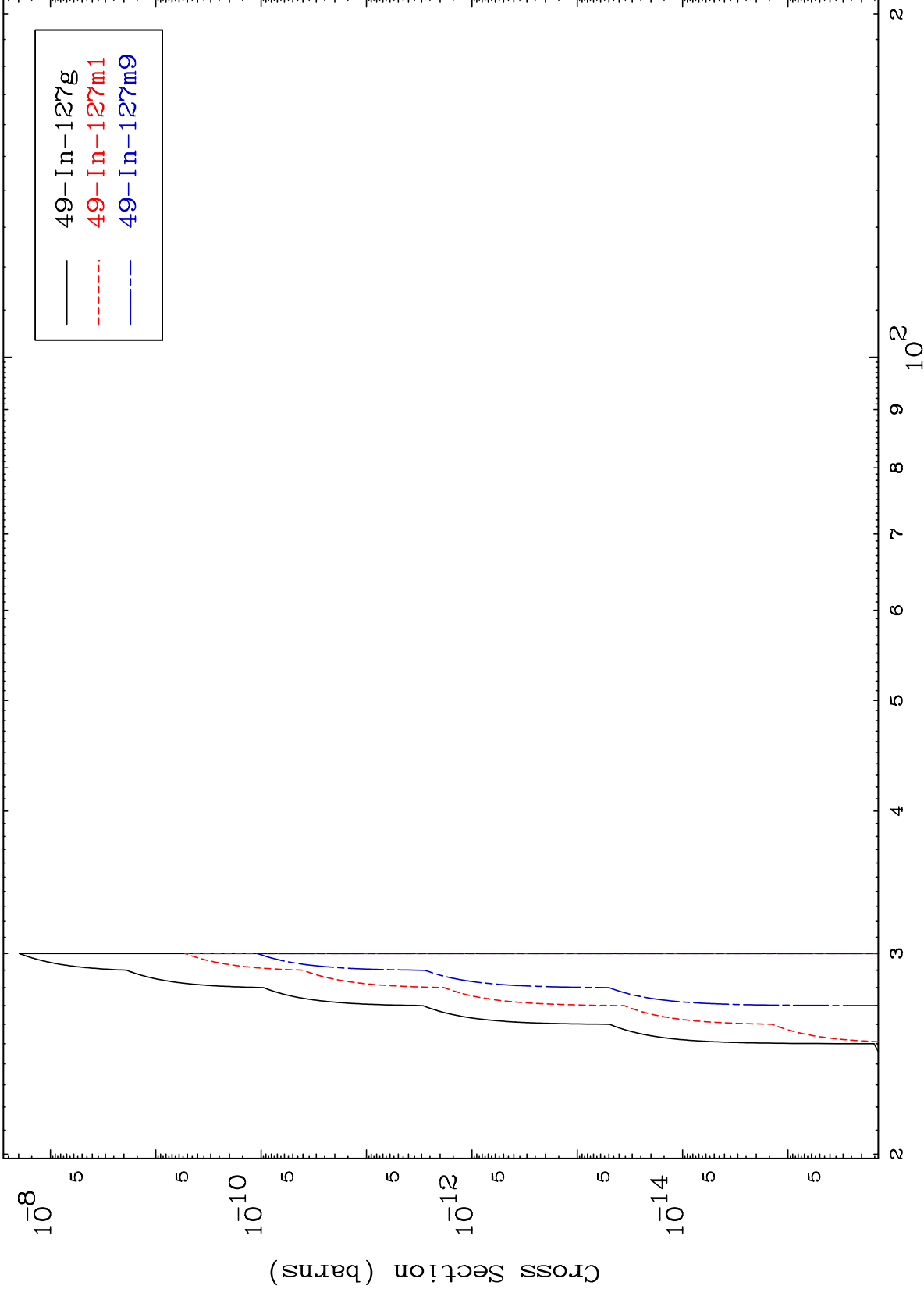
51-Sb-130



121

51-Sb-130

Radionuclide Production Cross Section

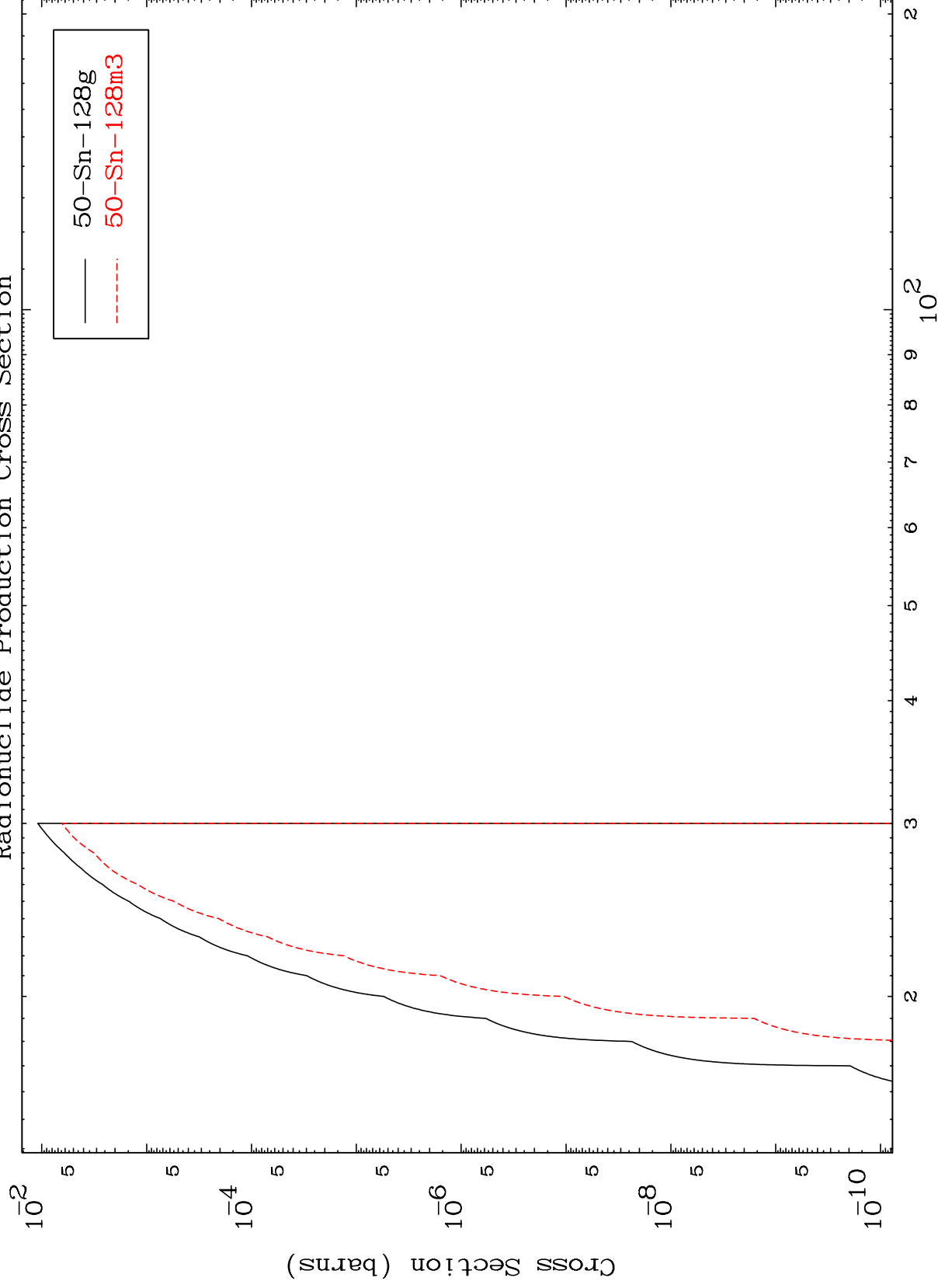


MAT 5152

(n,2n) p

51-Sb-130

Radionuclide Production Cross Section



123

Incident Energy (MeV)

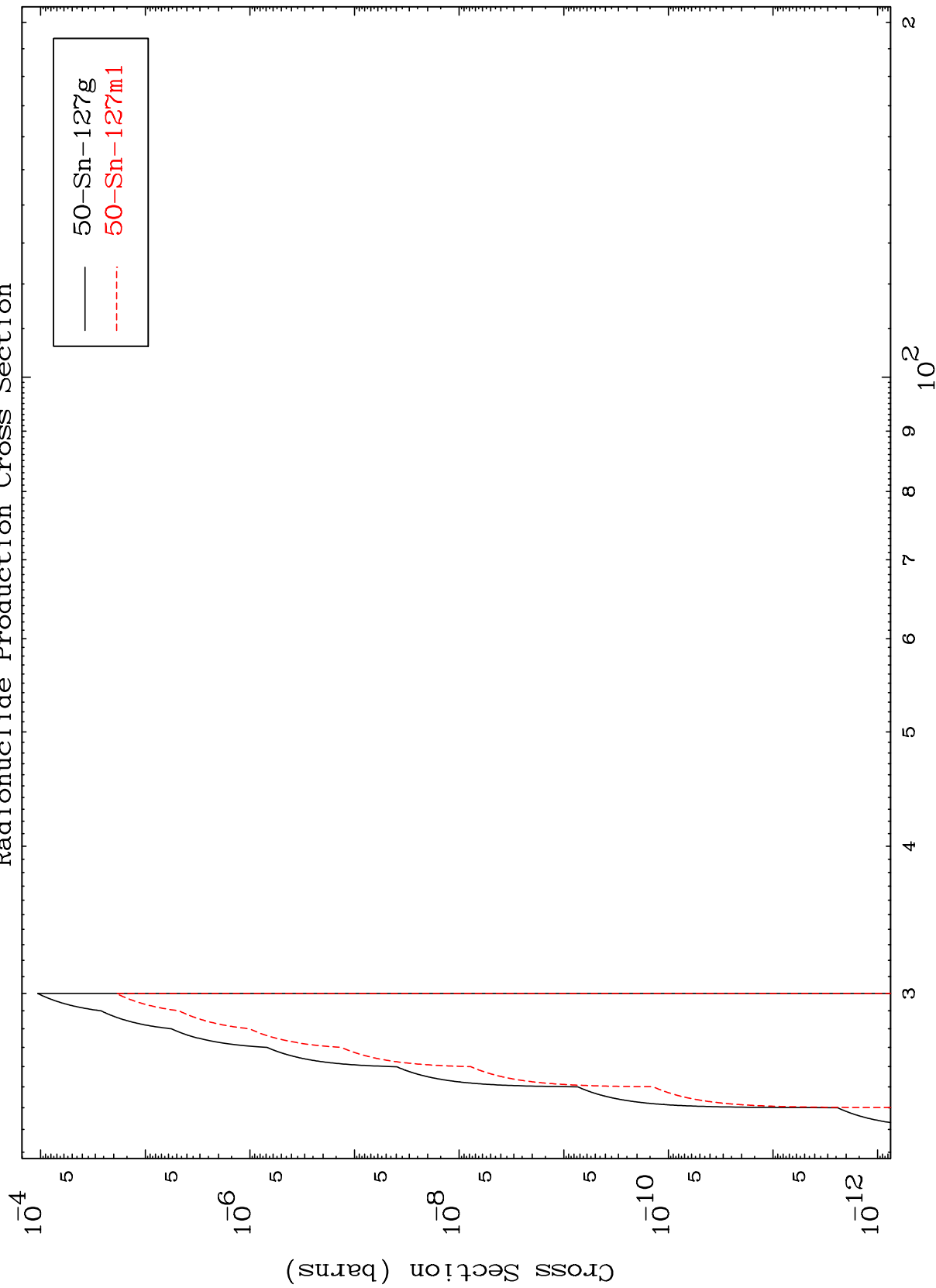
51-Sb-130

MAT 5152

(n,3n) p

51-Sb-130

Radionuclide Production Cross Section



124

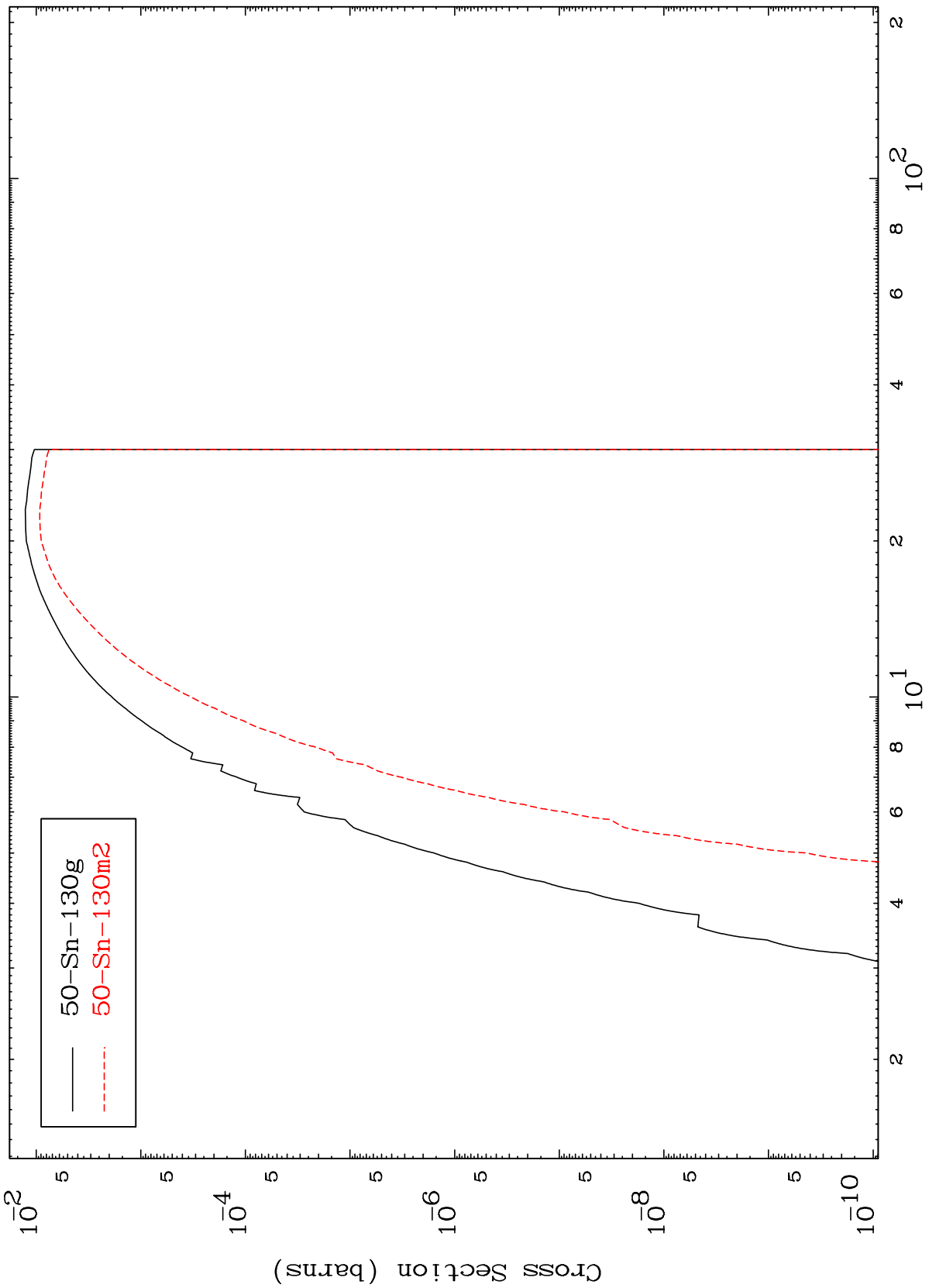
Incident Energy (MeV)

51-Sb-130

MAT 5152

51-Sb-130

(n,p)
Radionuclide Production Cross Section



125

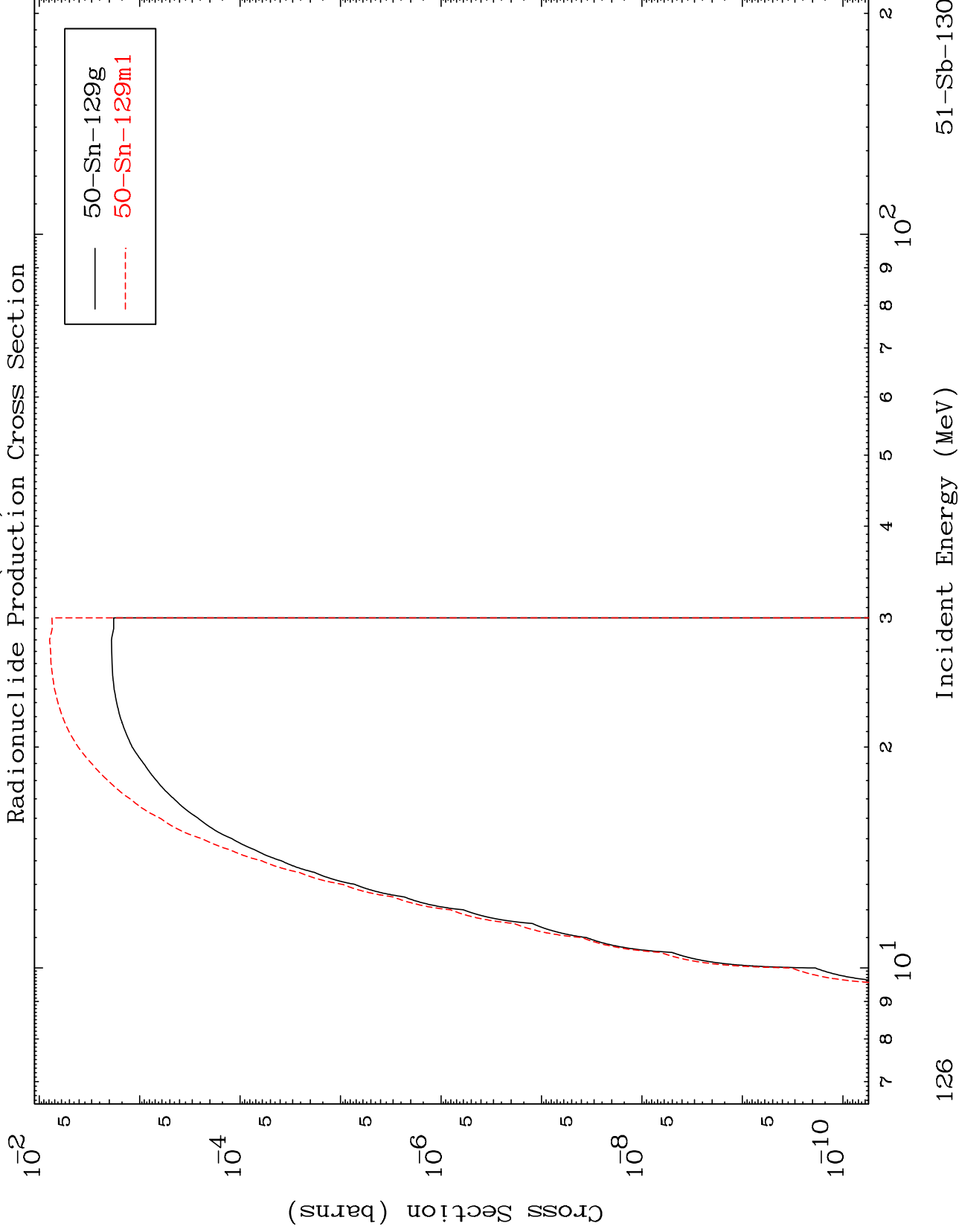
51-Sb-130

Incident Energy (MeV)

MAT 5152

(n,d)

51-Sb-130



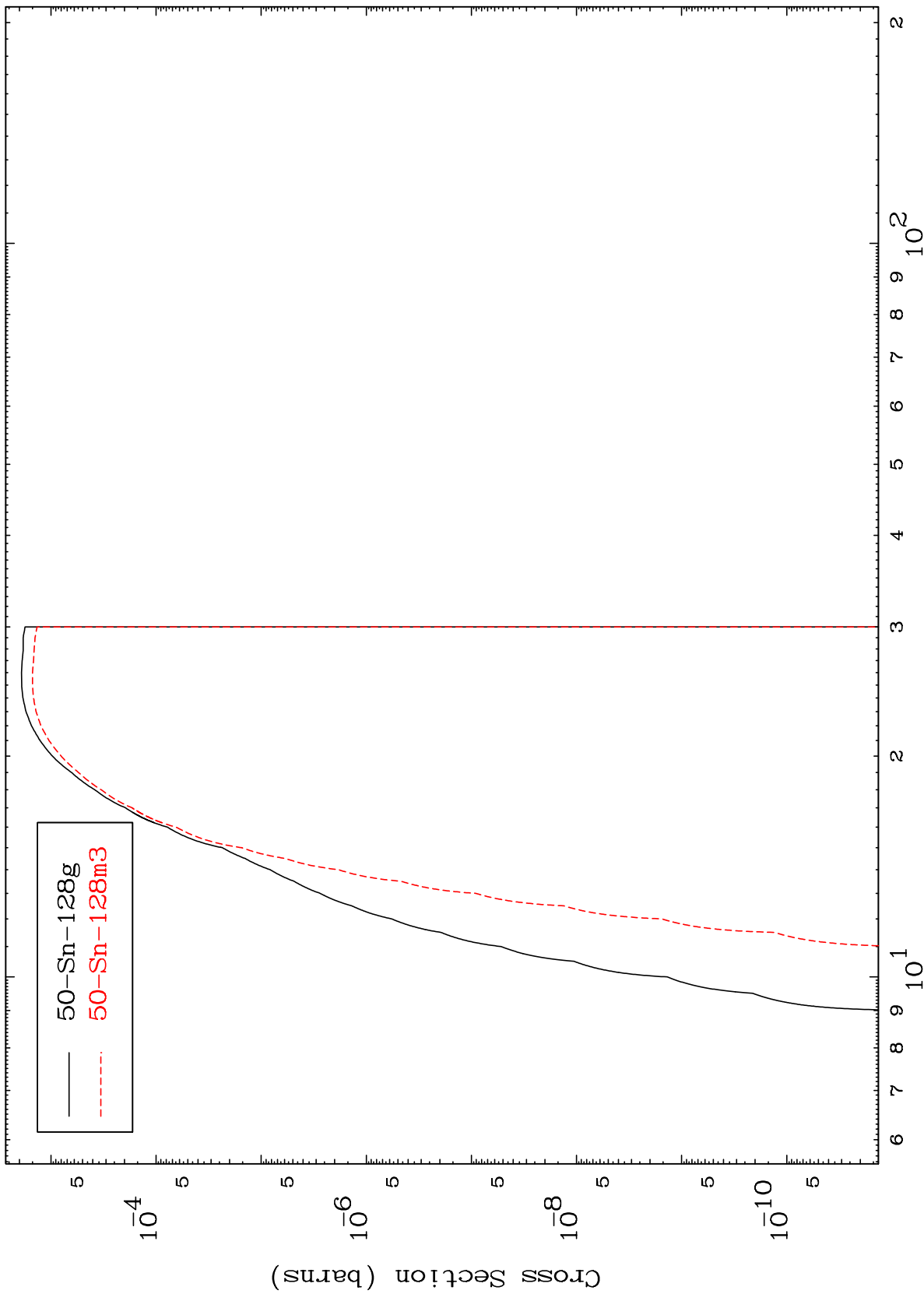
126

51-Sb-130

MAT 5152

51-Sb-130

(n,t)
Radionuclide Production Cross Section

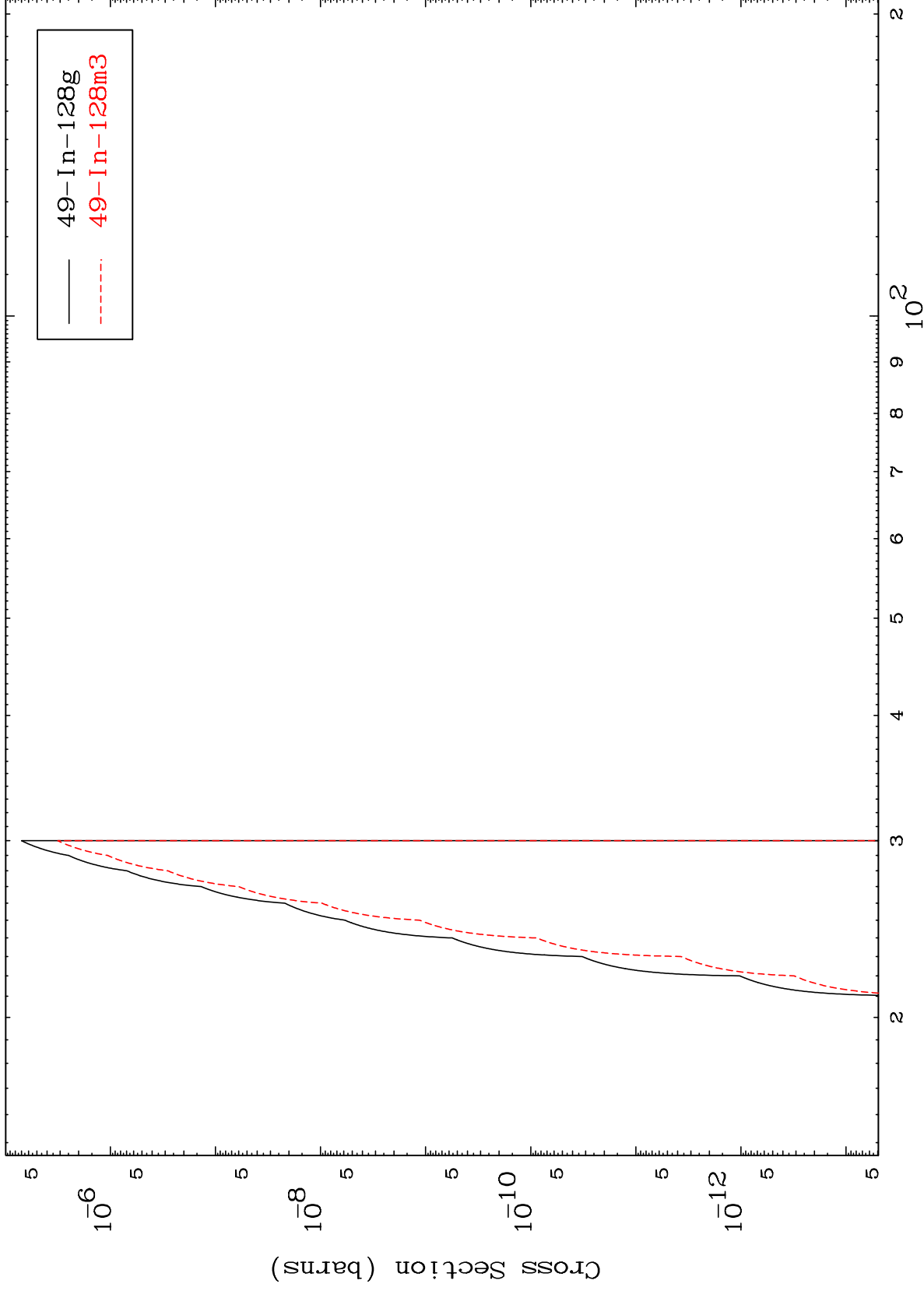


127

Incident Energy (MeV)

51-Sb-130

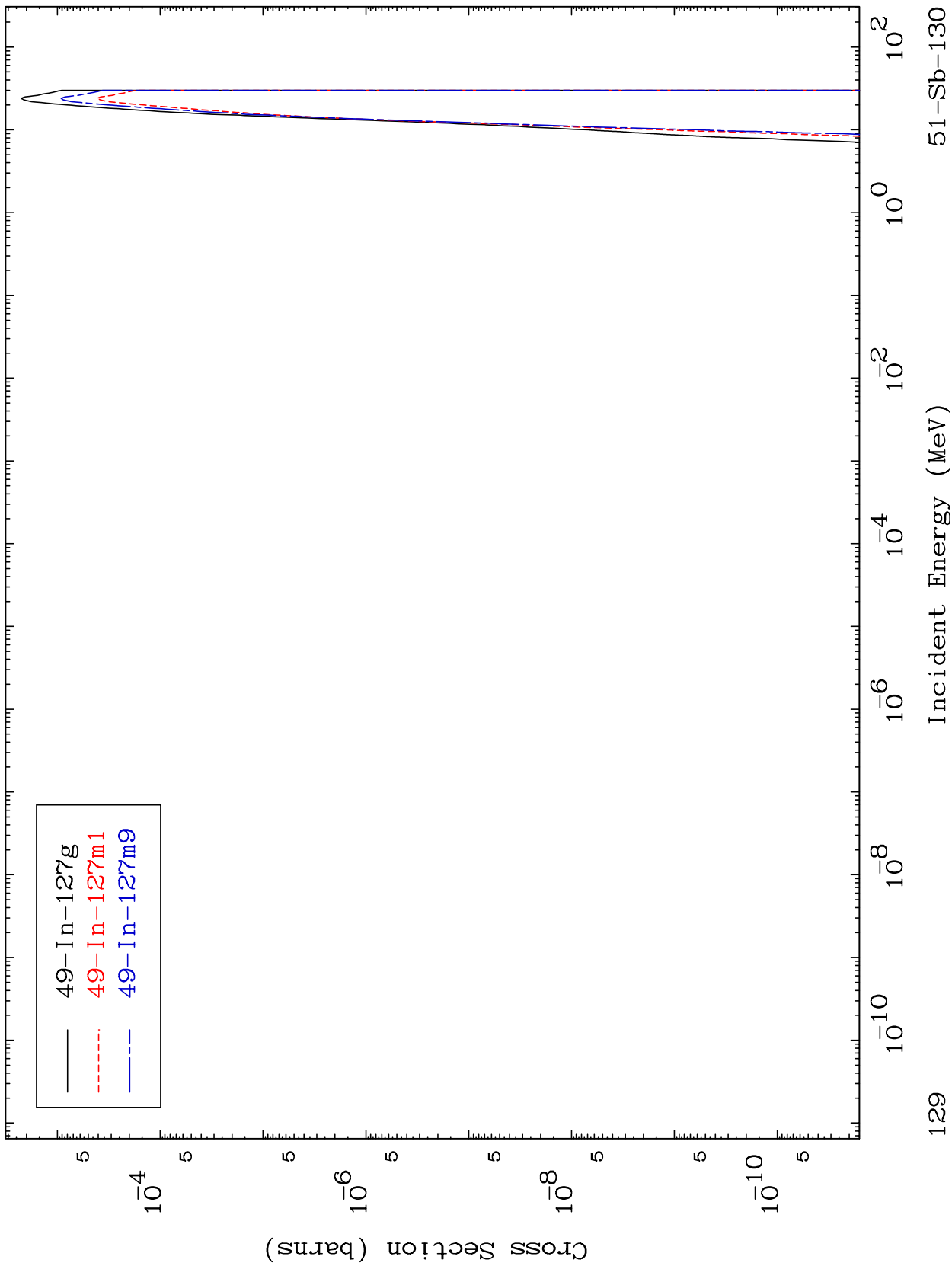
Radionuclide Production Cross Section



MAT 5152

51-Sb-130

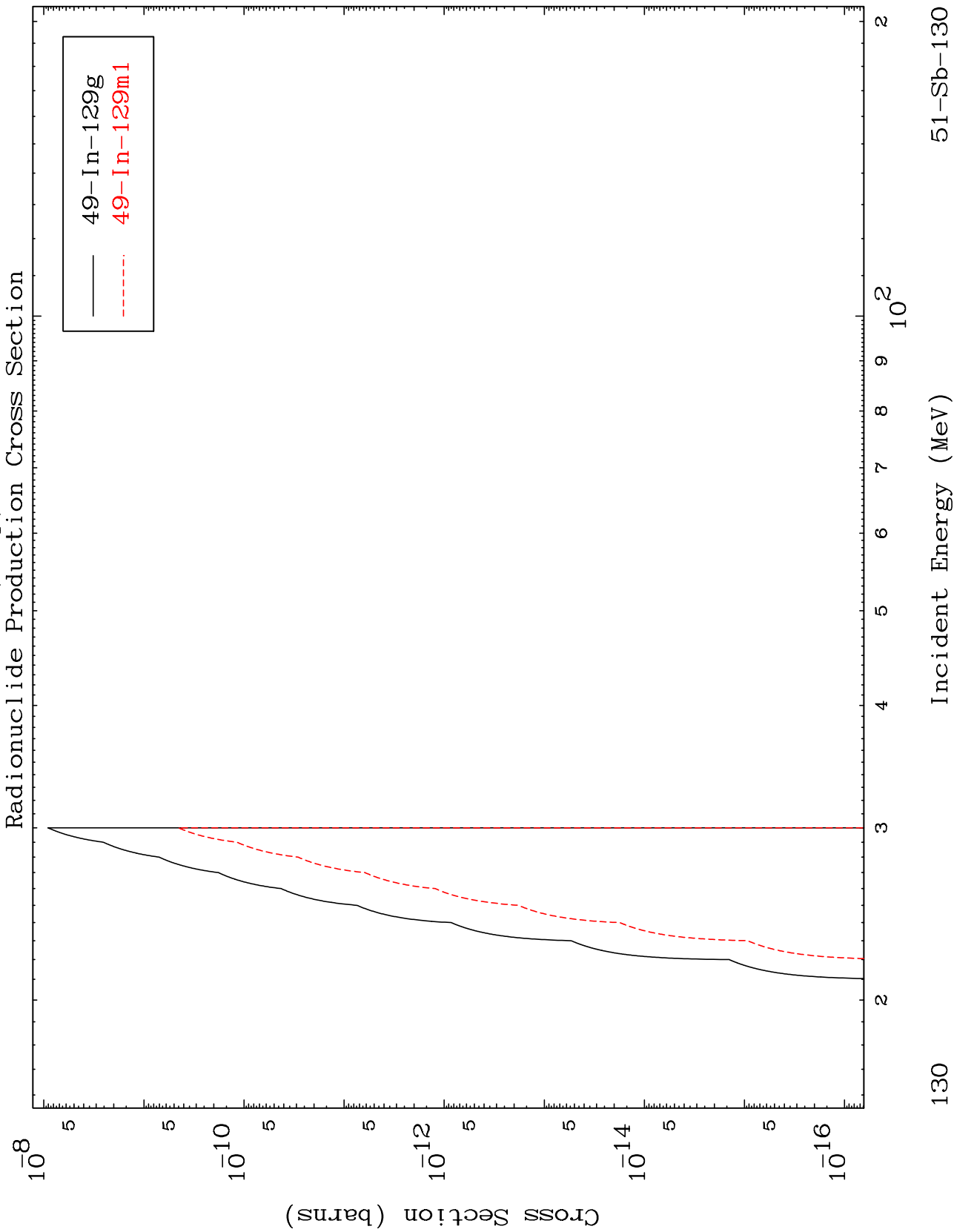
Radionuclide Production Cross Section (n, α)



MAT 5152

51-Sb-130

(n,2p)
Radionuclide Production Cross Section



130

51-Sb-130