

Program EVALPLOT
(Version 2021-1)

by

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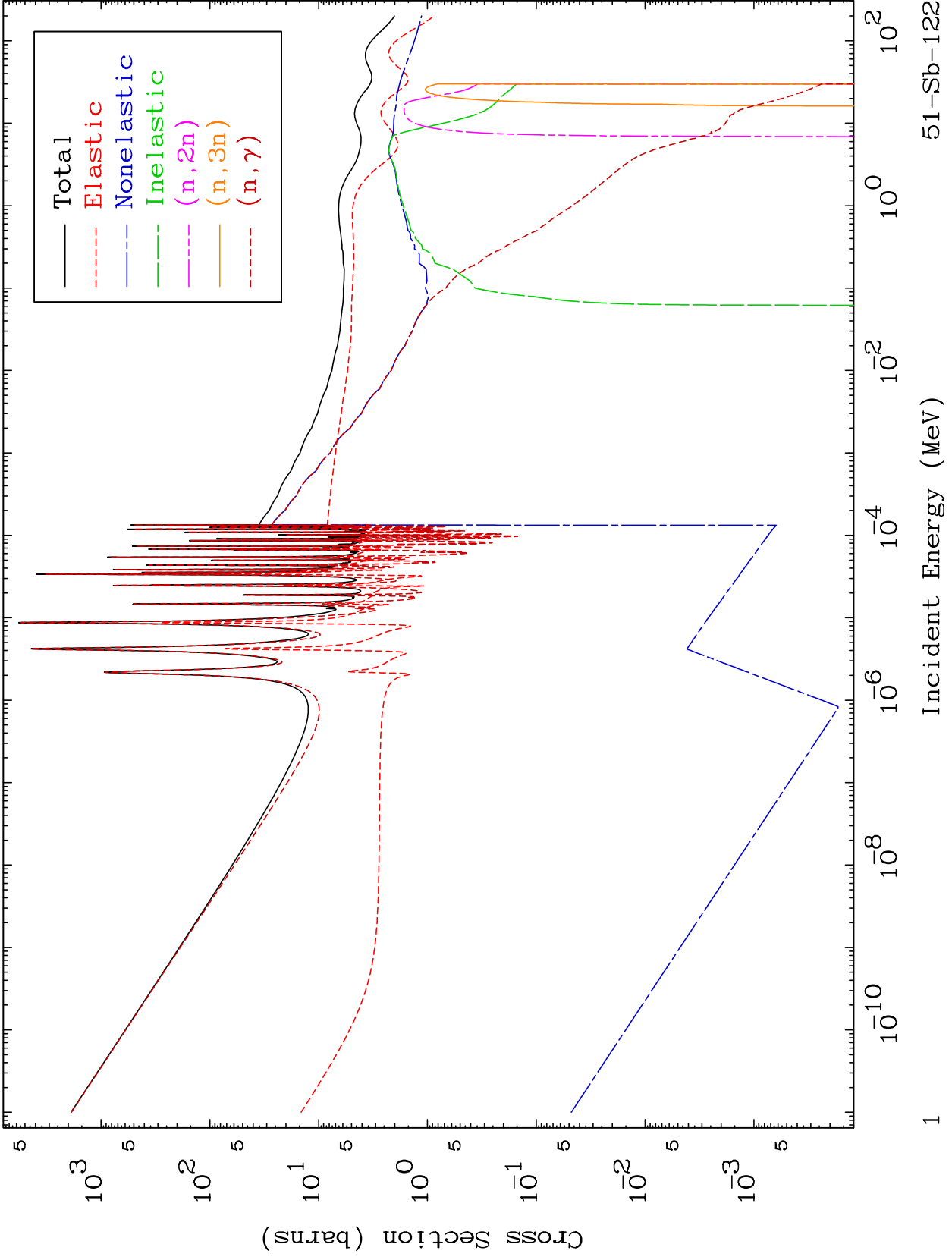
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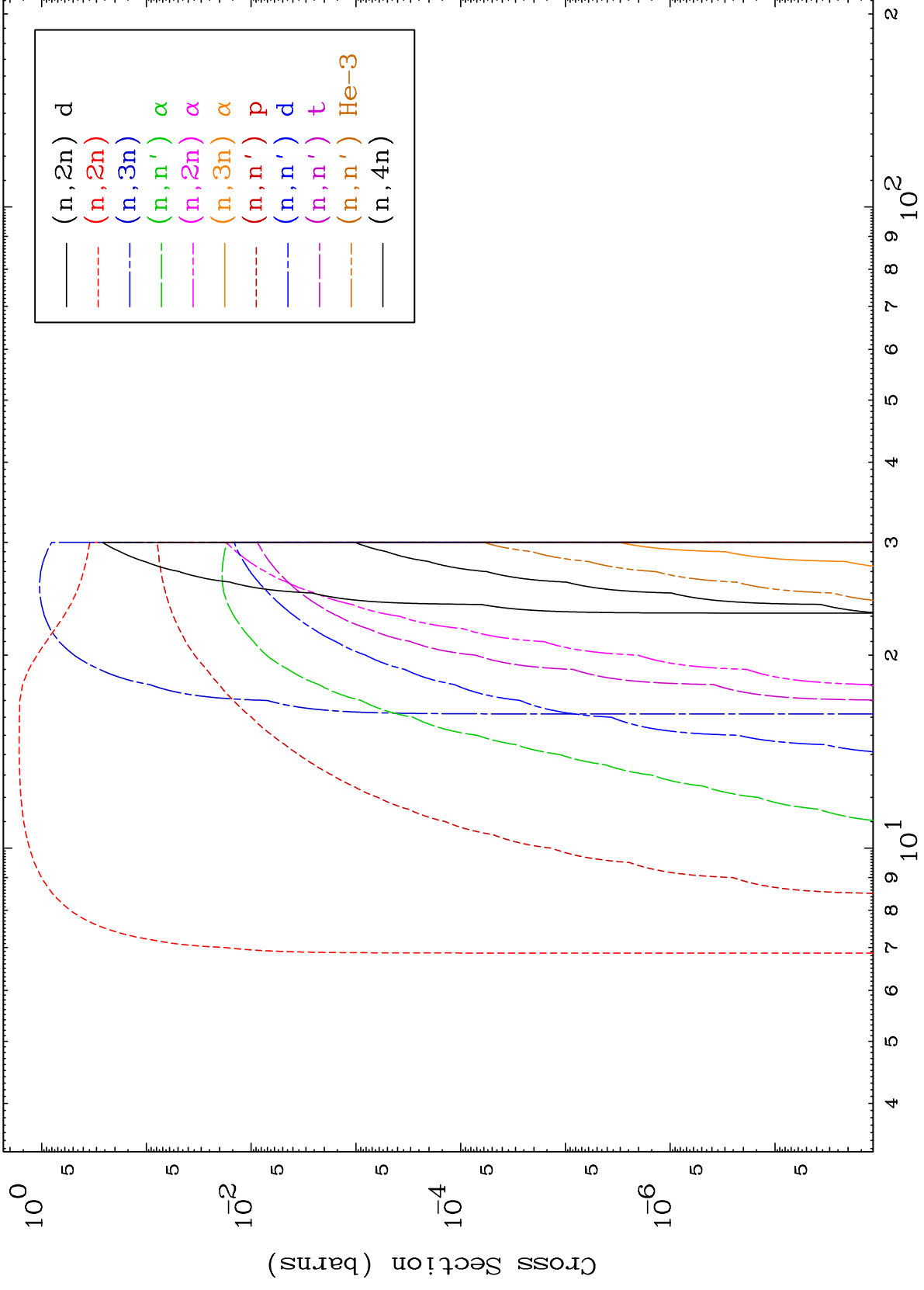
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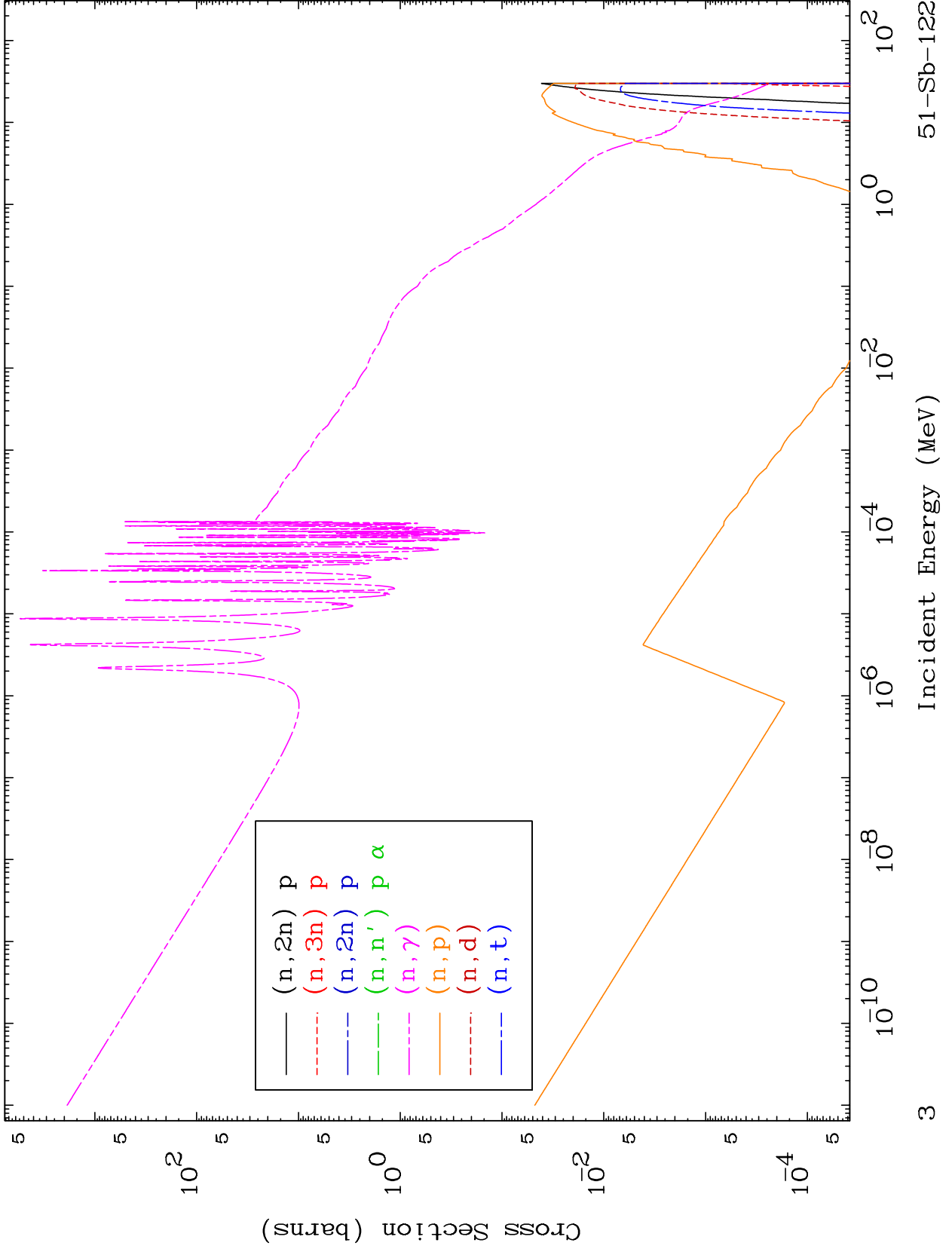
MAT 5128

Neutron Major
293 Kelvin Cross Sections

51-Sb-122



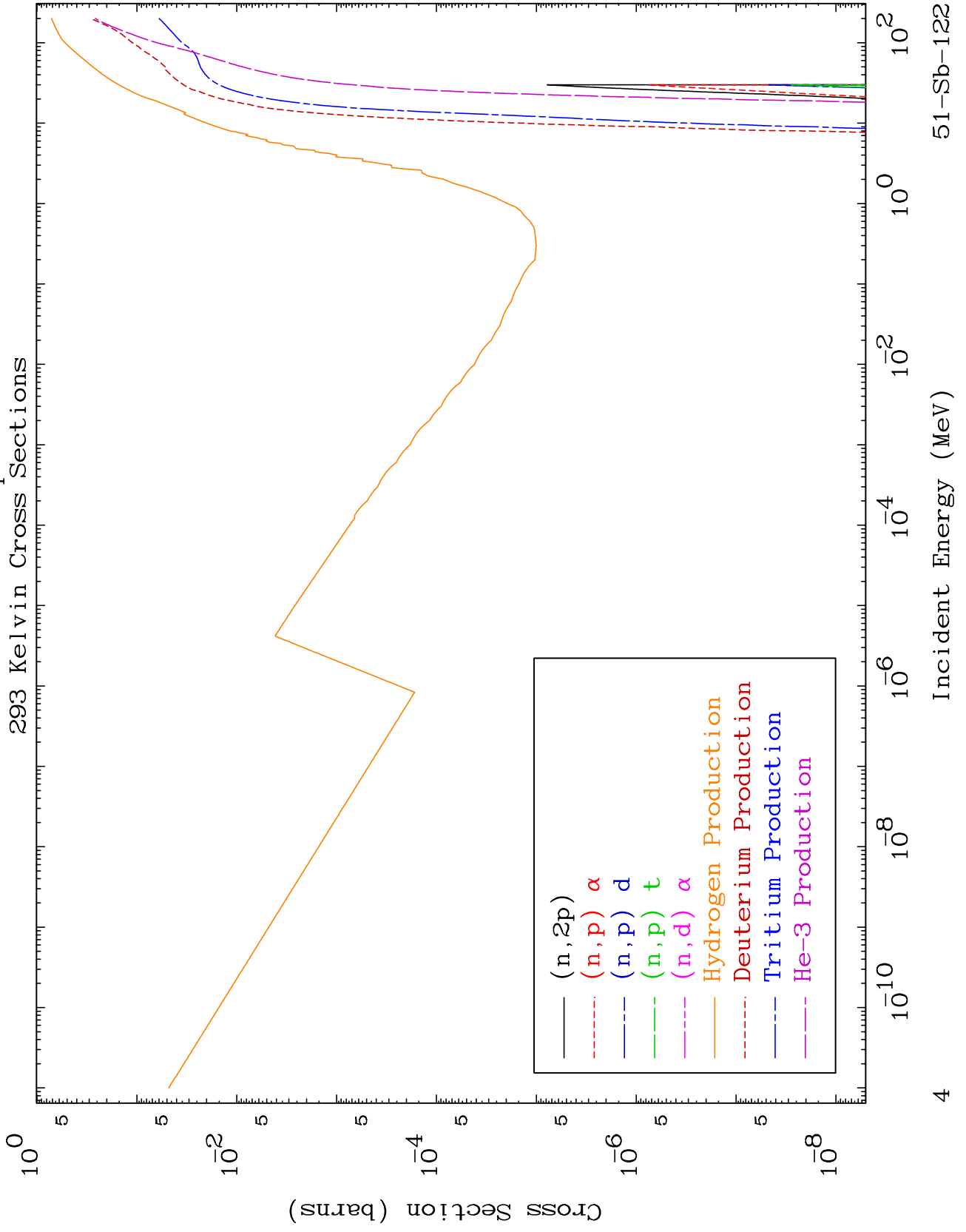




MAT 5128

Neutron Absorption
293 Kelvin Cross Sections

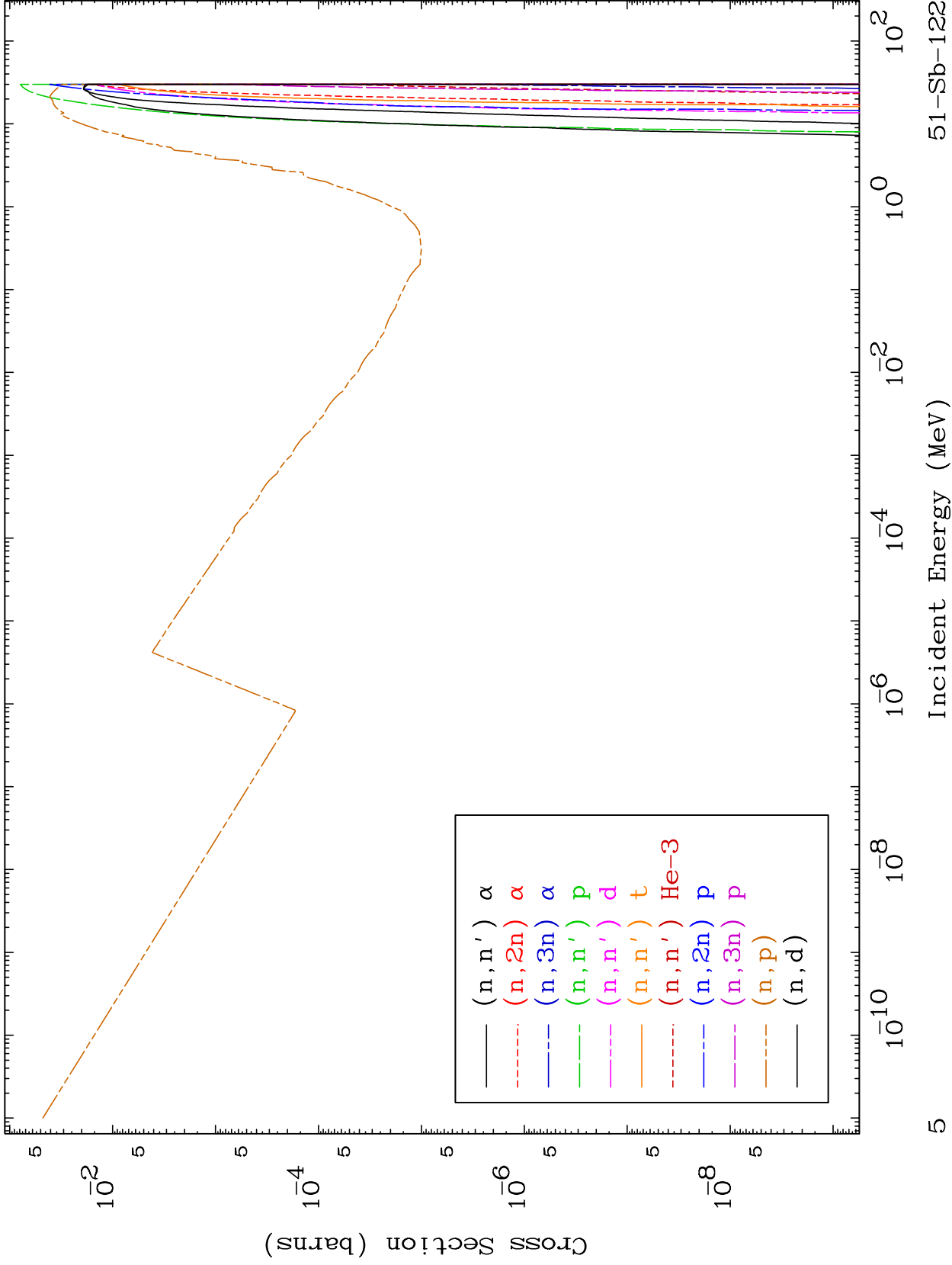
51-Sb-122



MAT 5128

Charged Particle
293 Kelvin Cross Sections

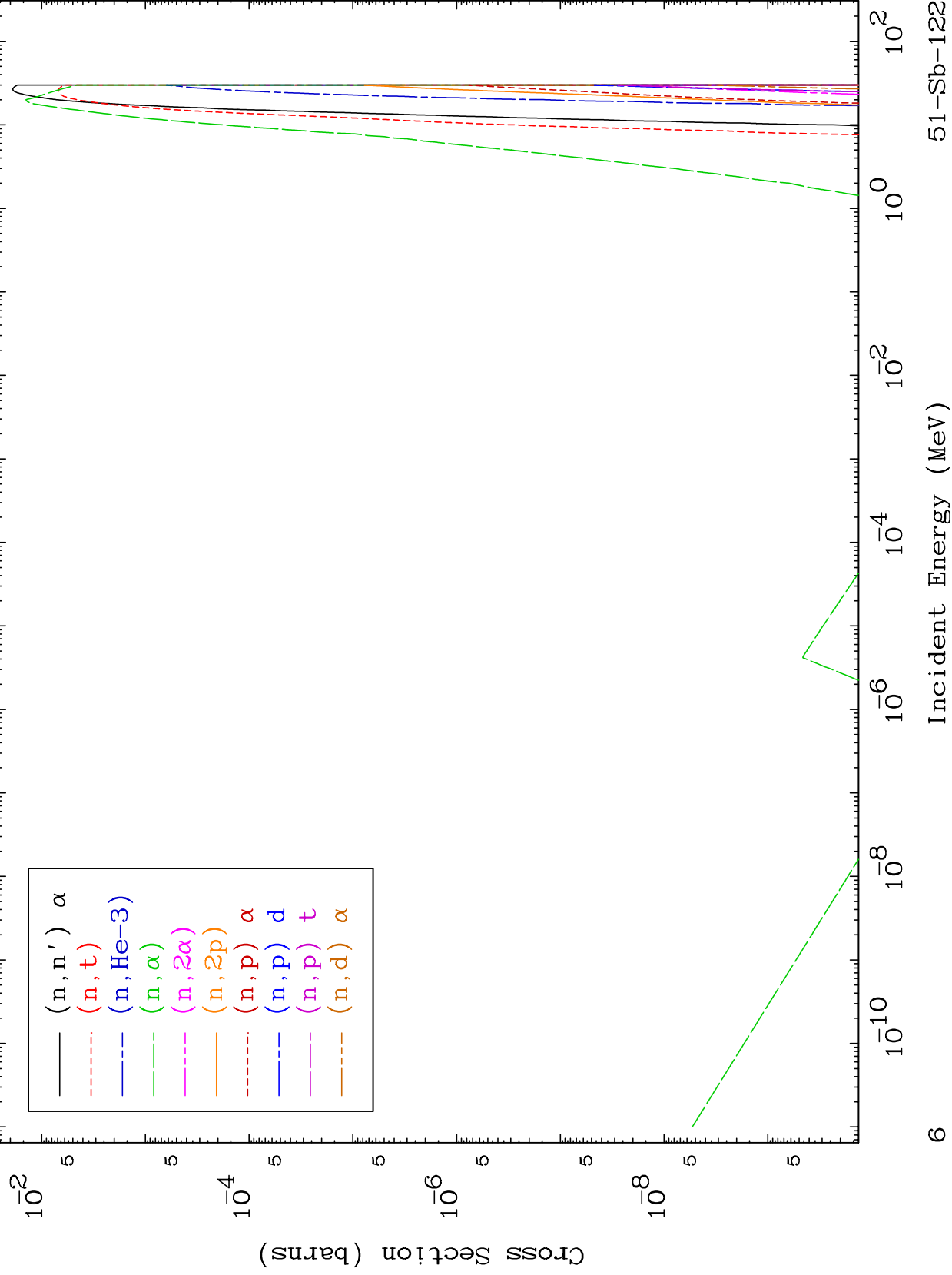
51-Sb-122



MAT 5128

Charged Particle
293 Kelvin Cross Sections

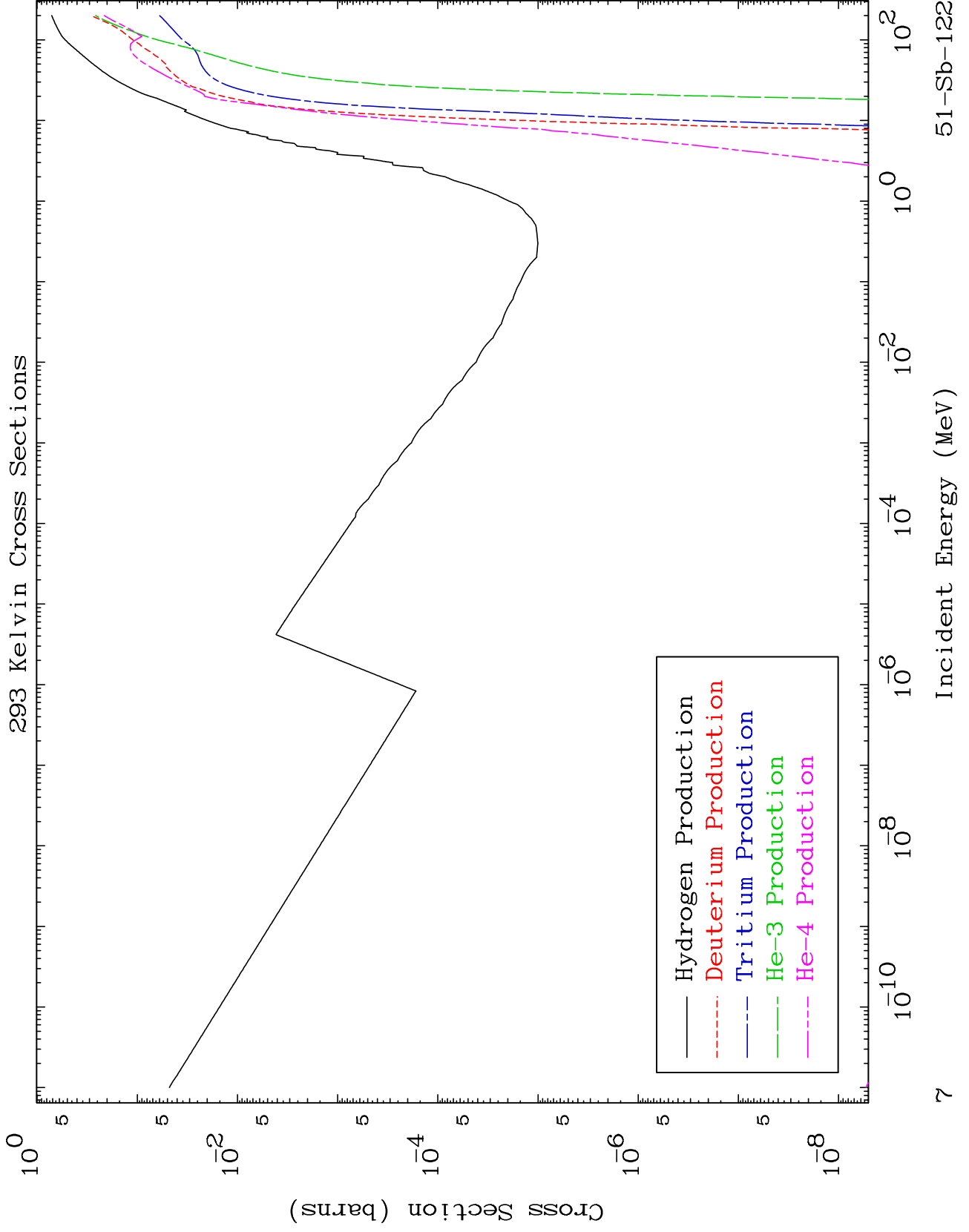
51-Sb-122

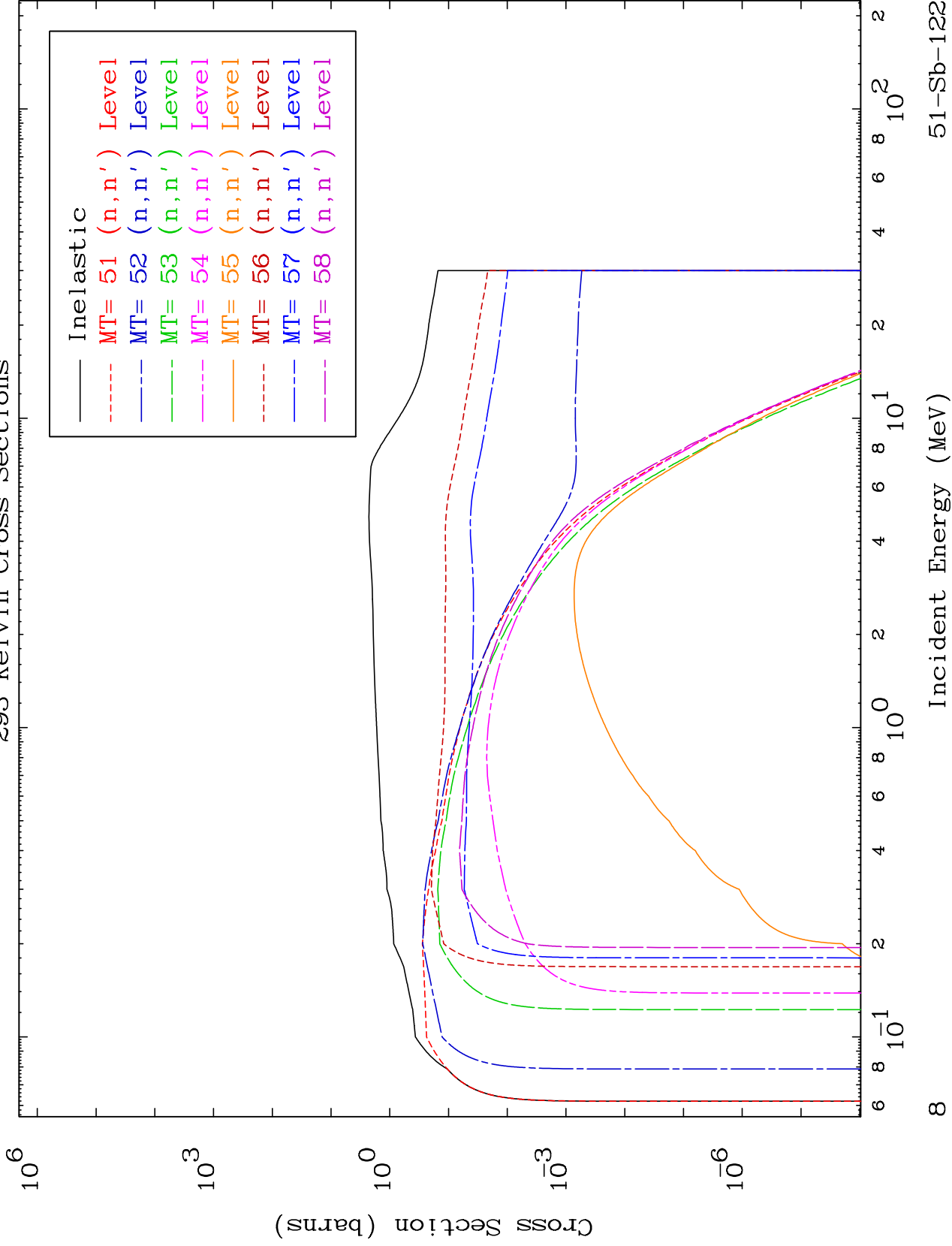


MAT 5128

Particle Production
293 Kelvin Cross Sections

51-Sb-122



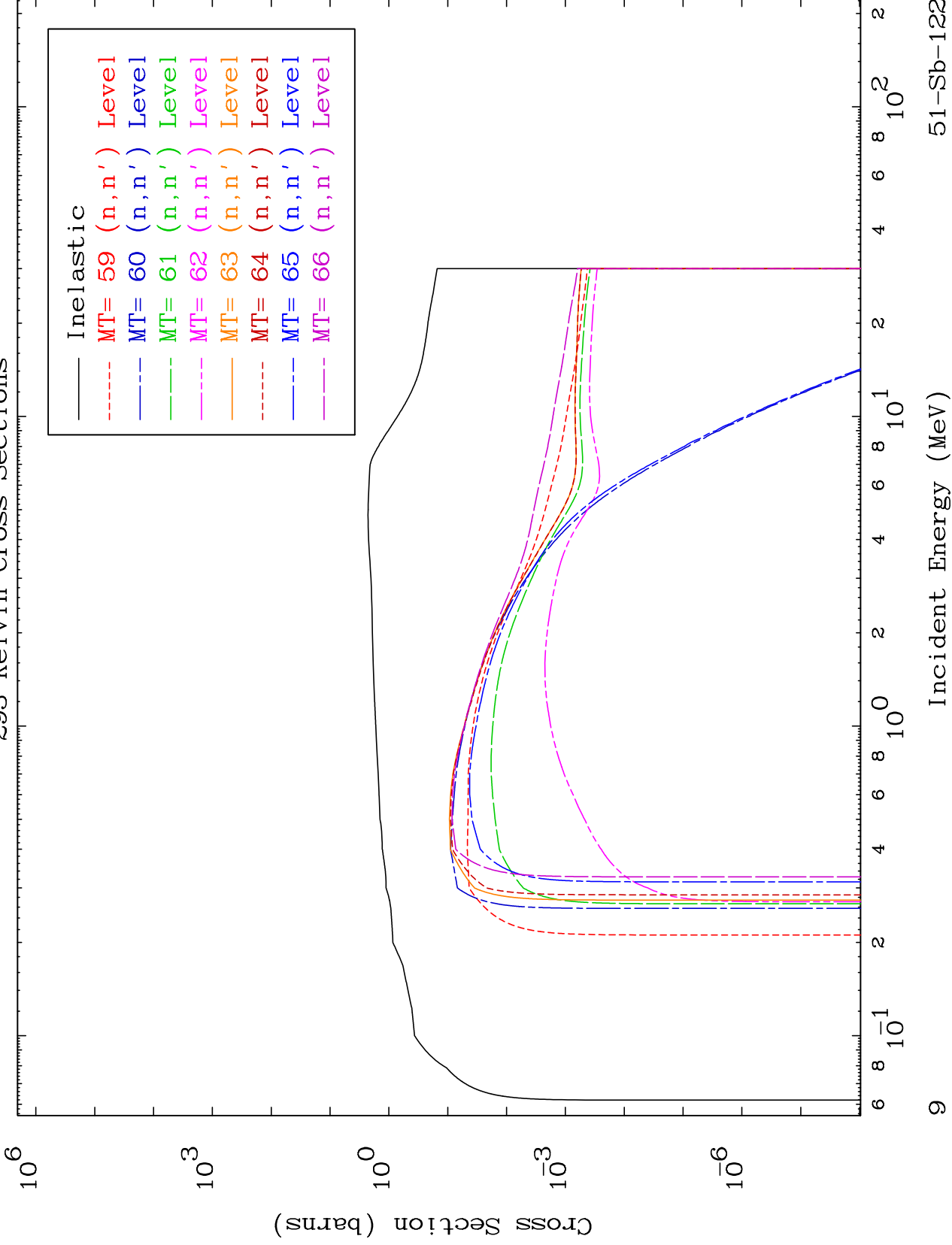


MAT 5128

(n,n') Levels

51-Sb-122

293 Kelvin Cross Sections

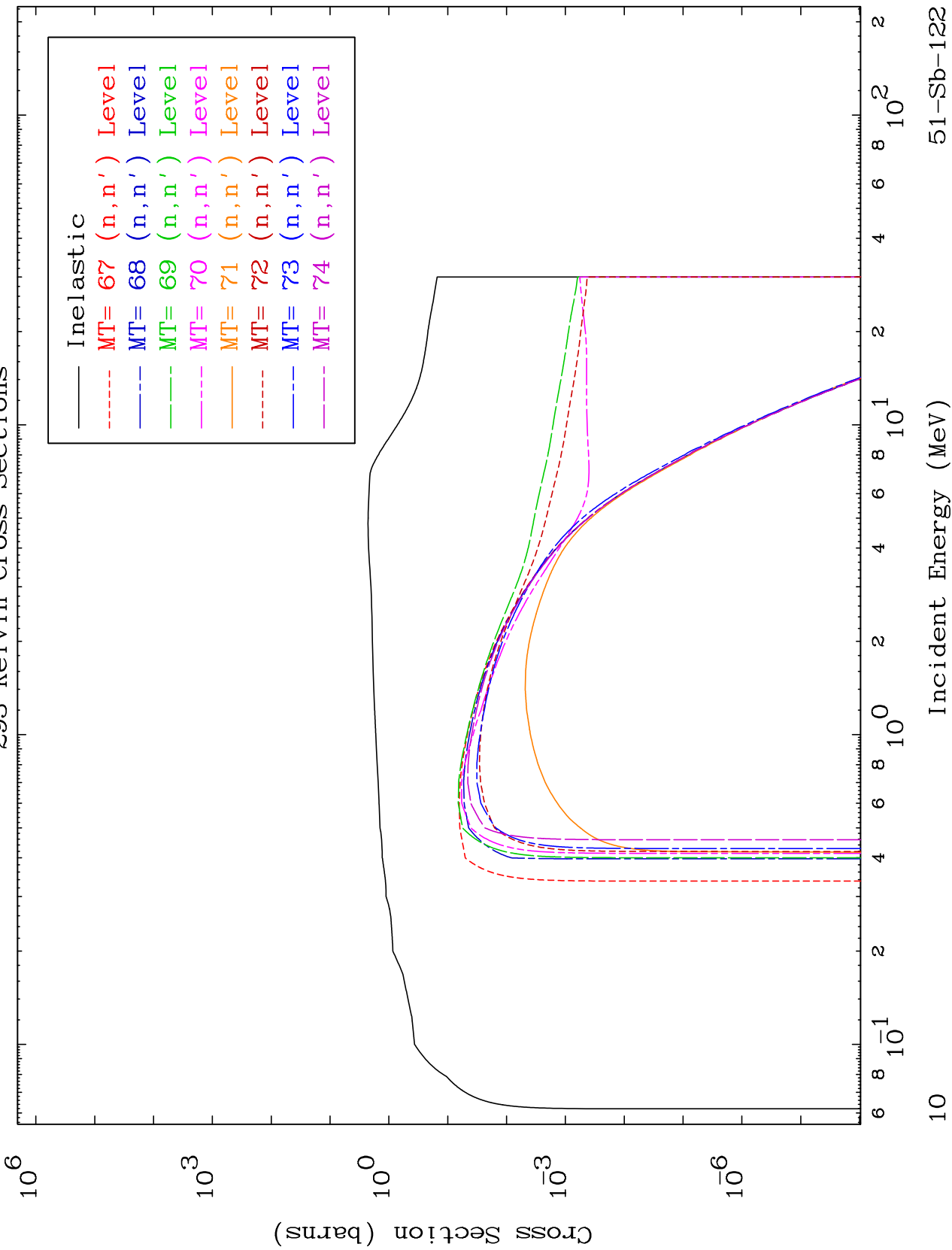


MAT 5128

(n,n') Levels

51-Sb-122

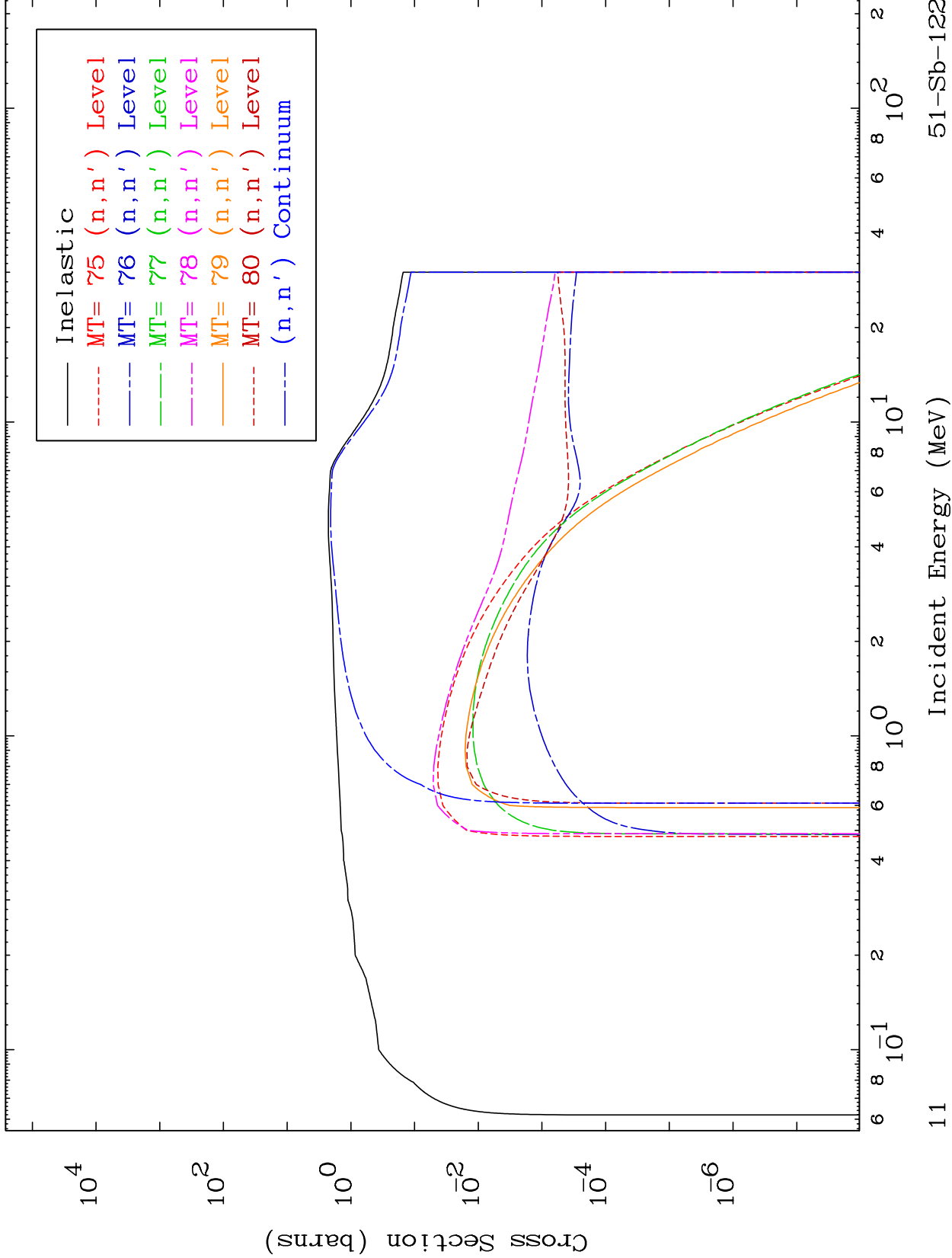
293 Kelvin Cross Sections



10

Incident Energy (MeV)

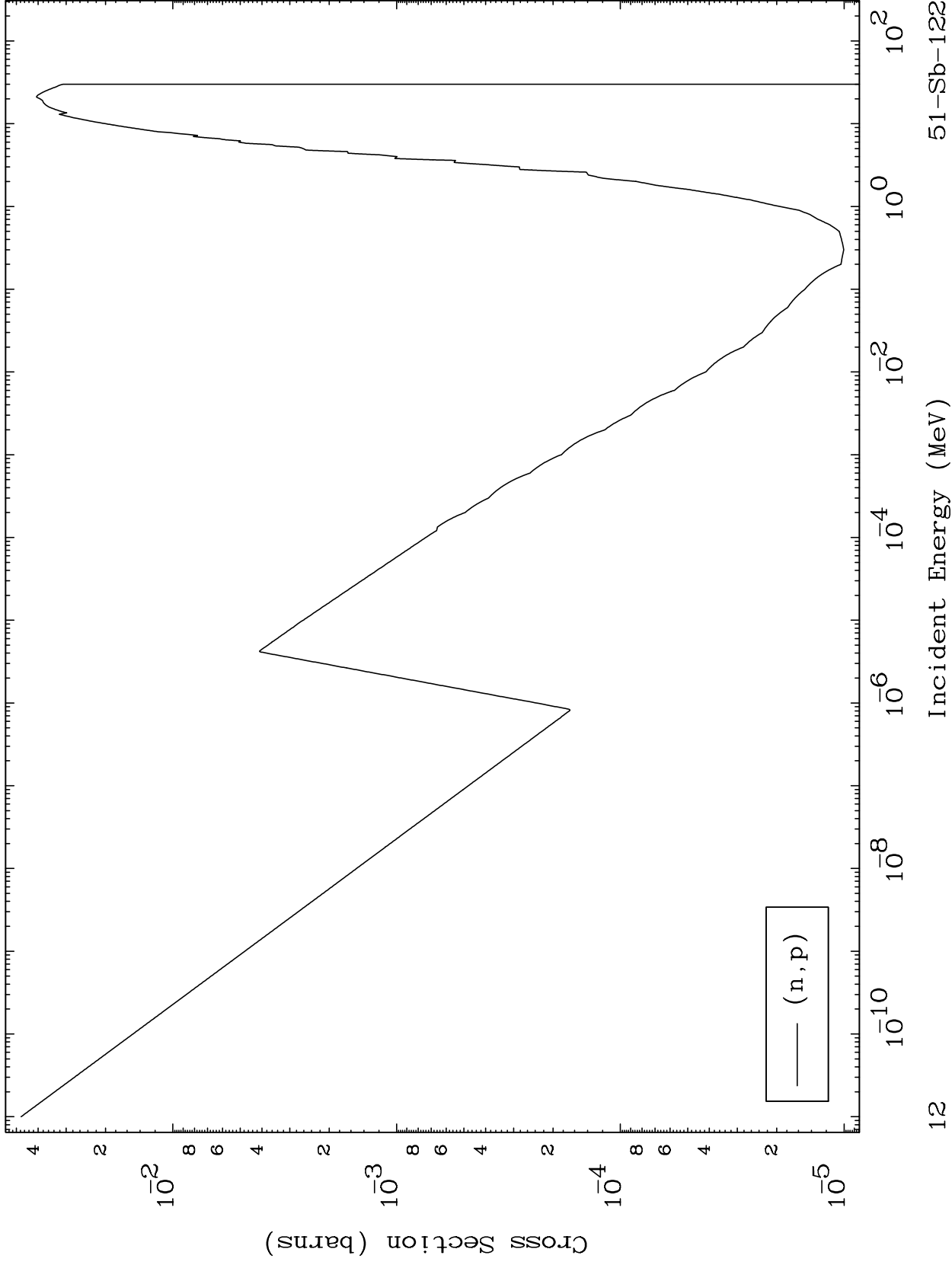
51-Sb-122



MAT 5128

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-122

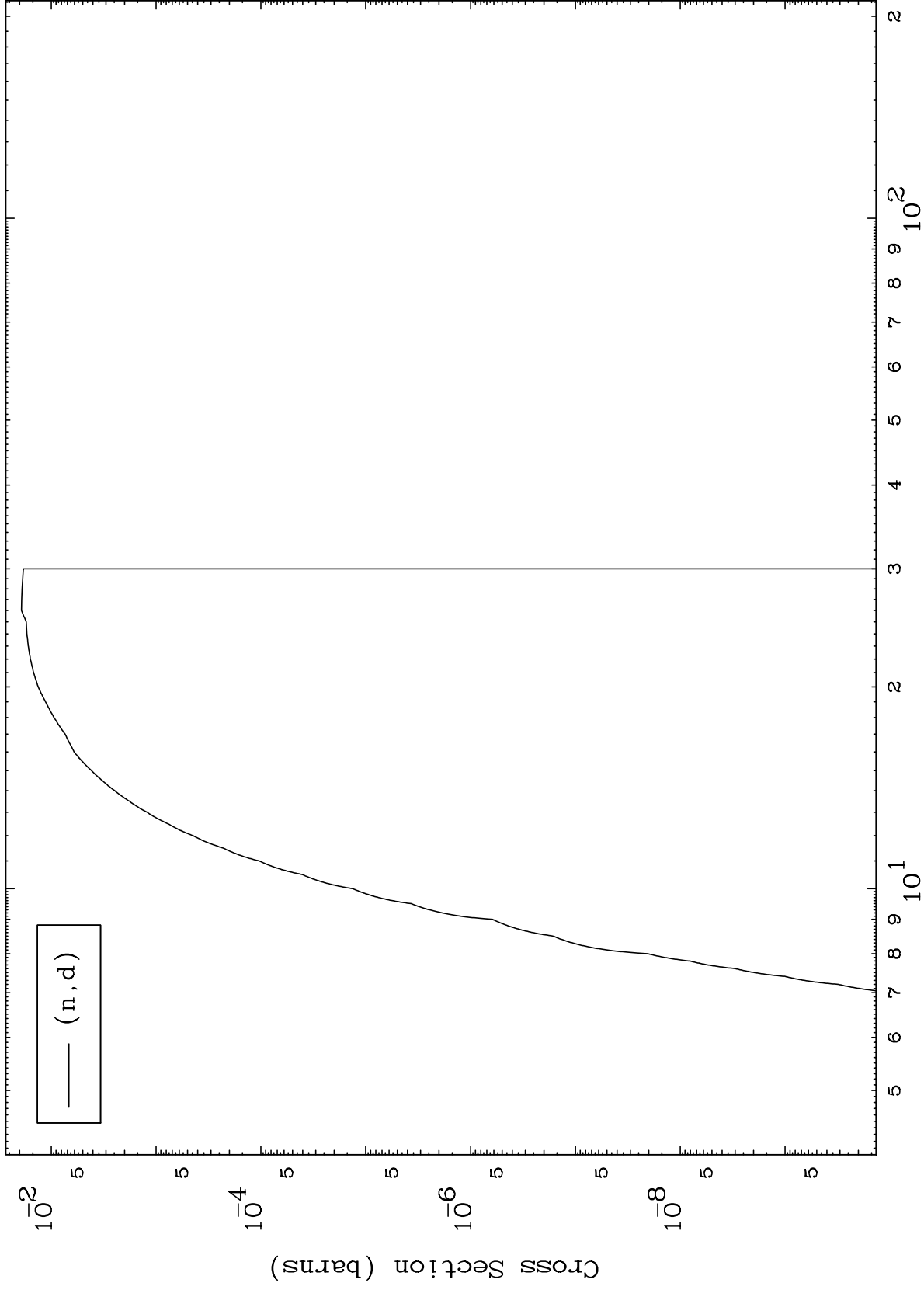


12

MAT 5128

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-122



13

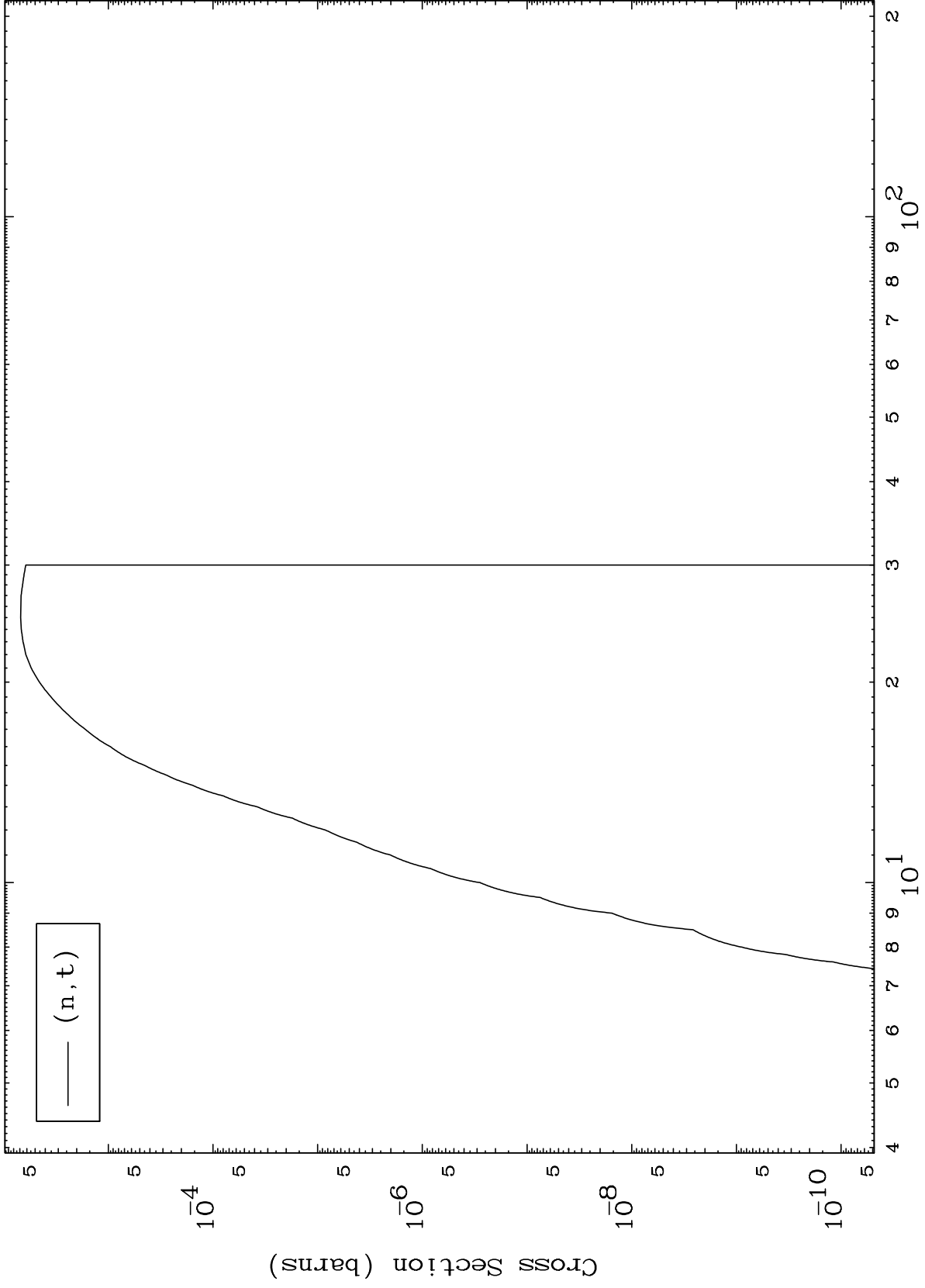
Incident Energy (MeV)

51-Sb-122

MAT 5128

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-122



14

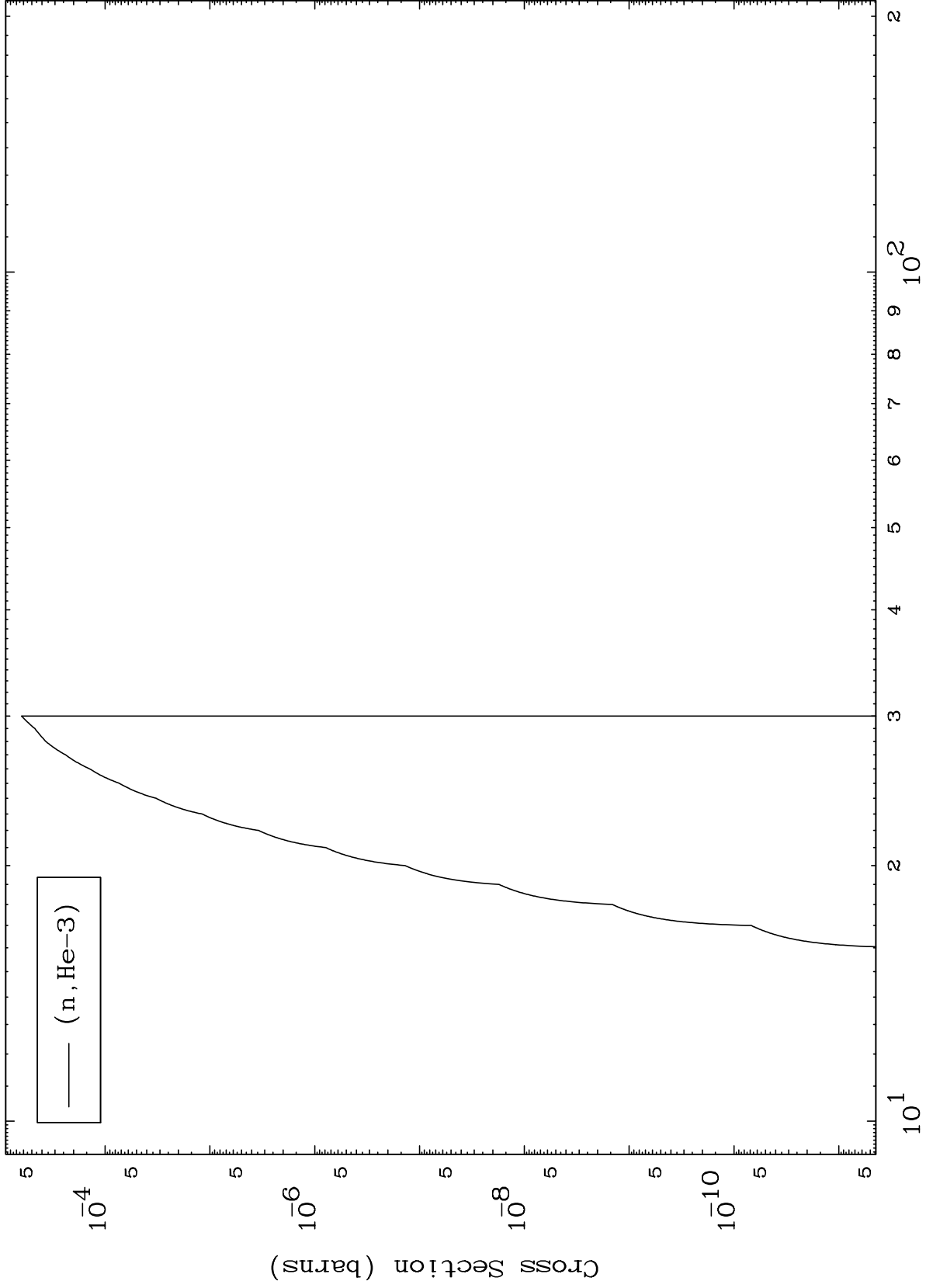
Incident Energy (MeV)

51-Sb-122

MAT 5128

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-122



15

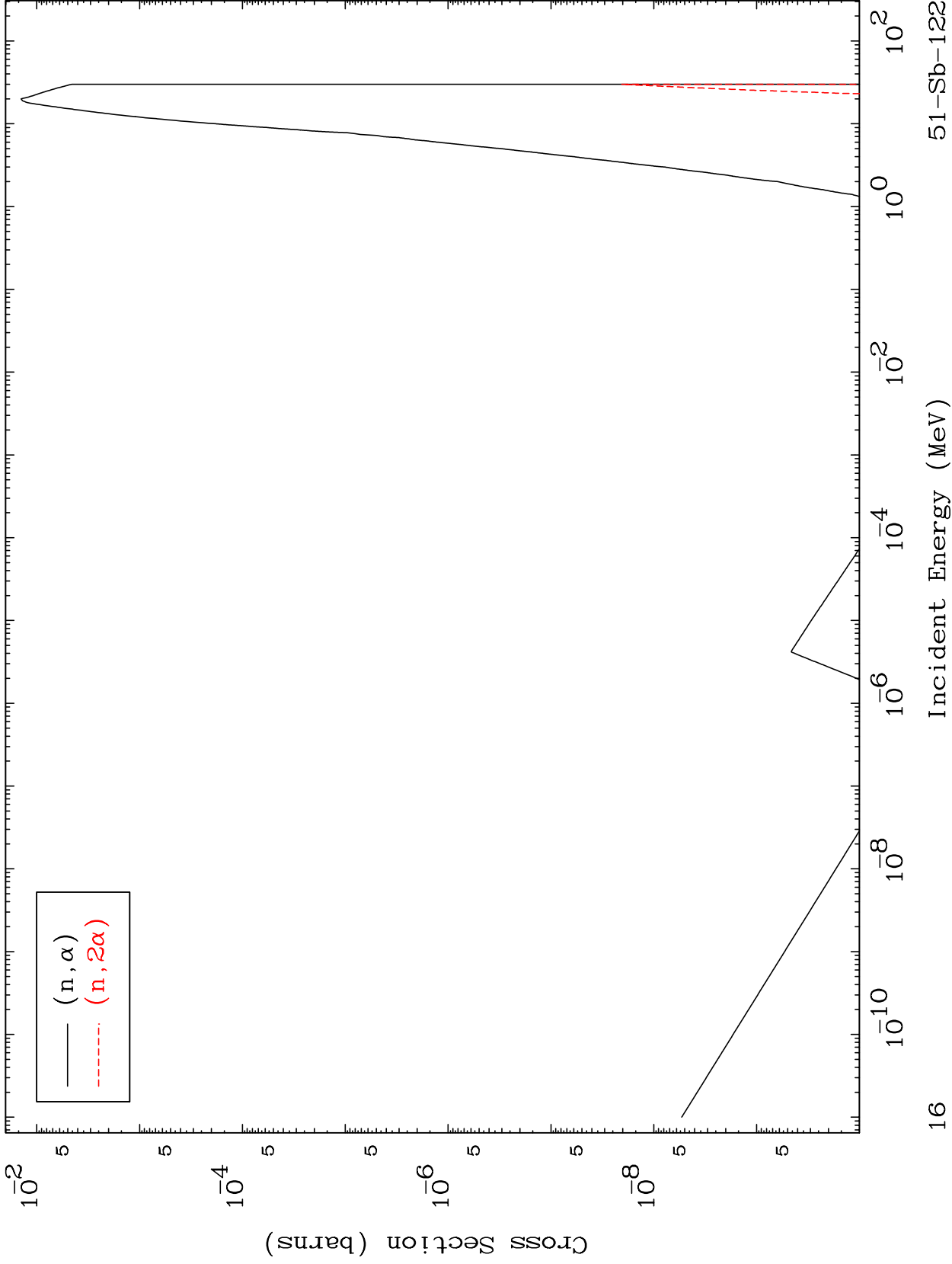
Incident Energy (MeV)

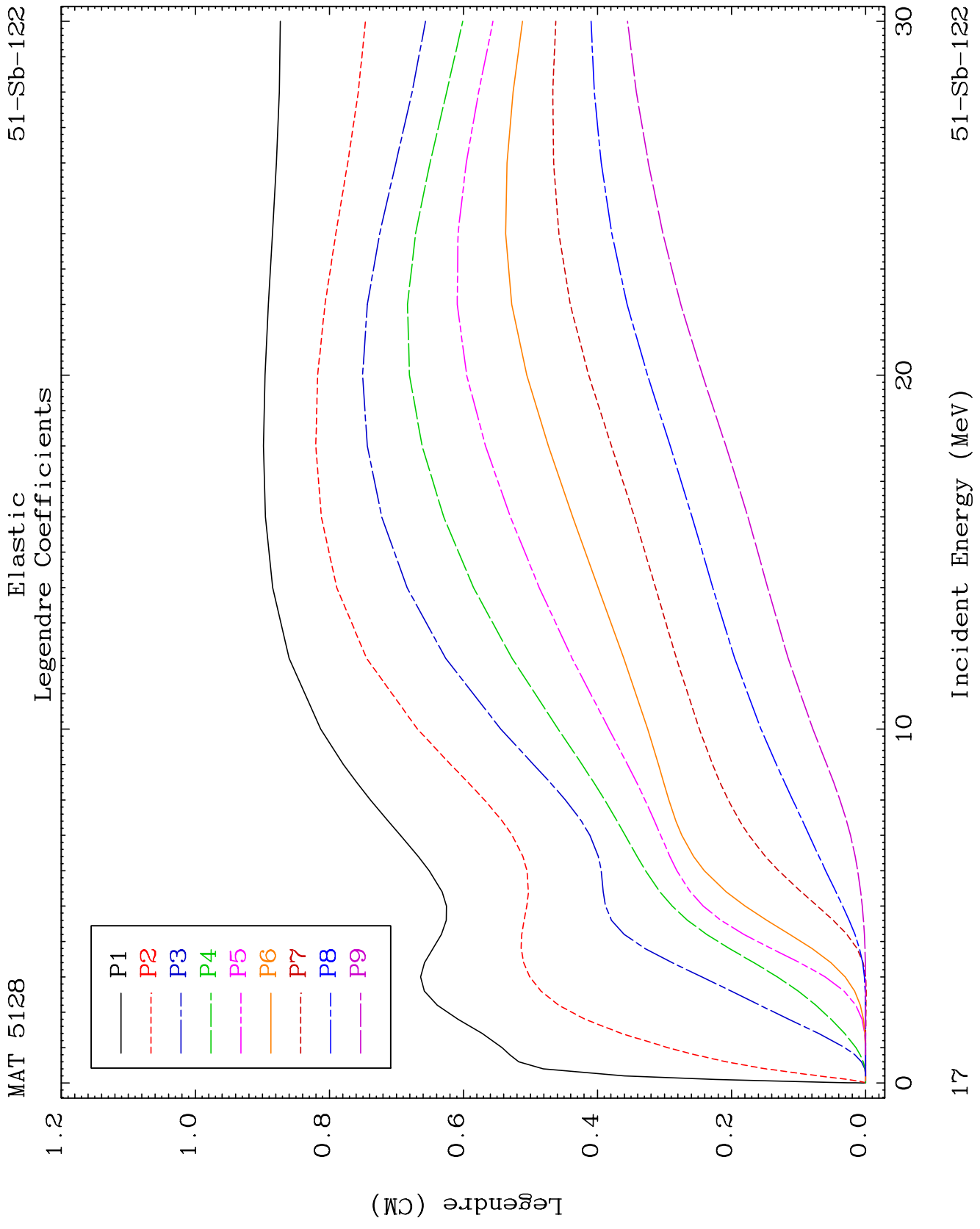
51-Sb-122

MAT 5128

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-122

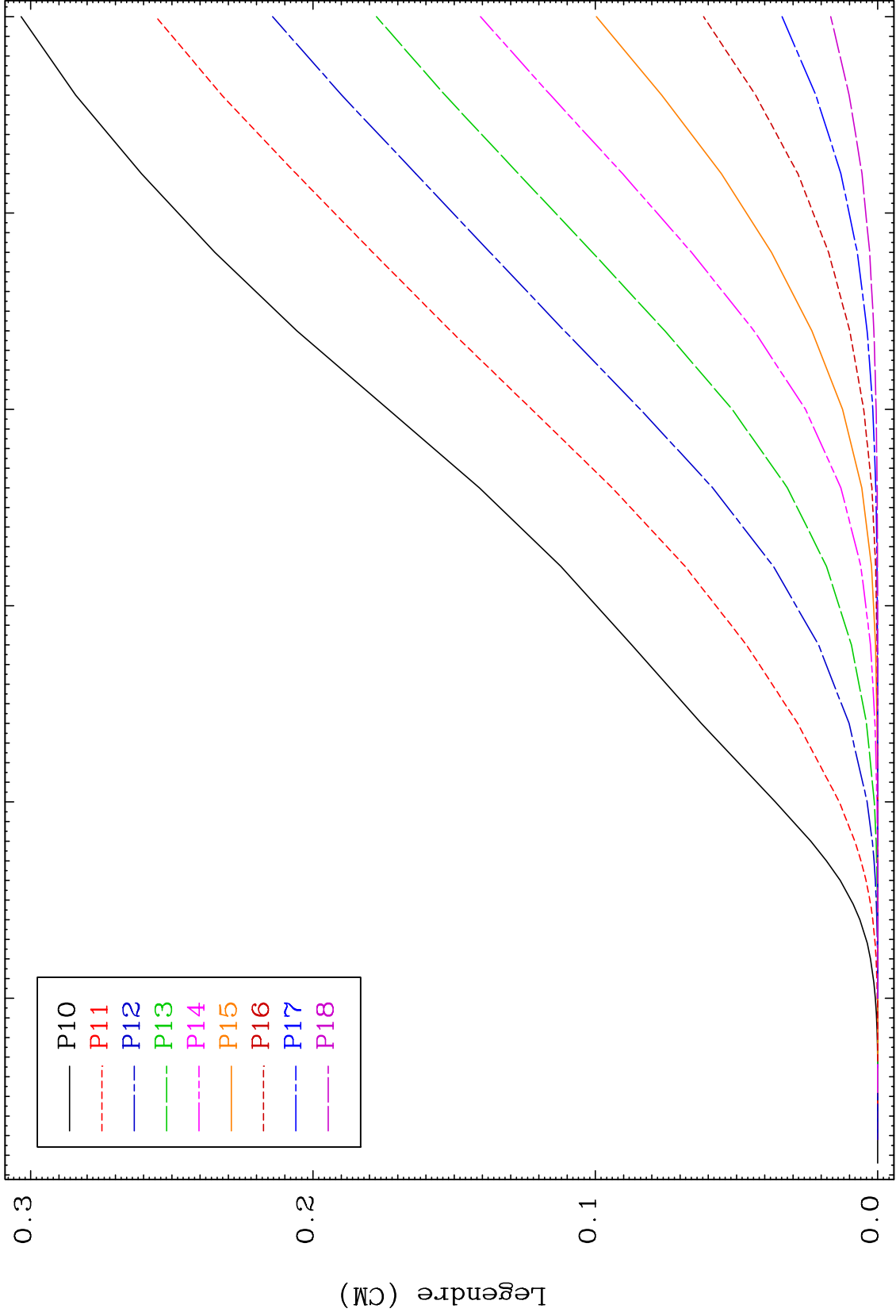




MAT 5128

Elastic Legendre Coefficients

51-Sb-122



18

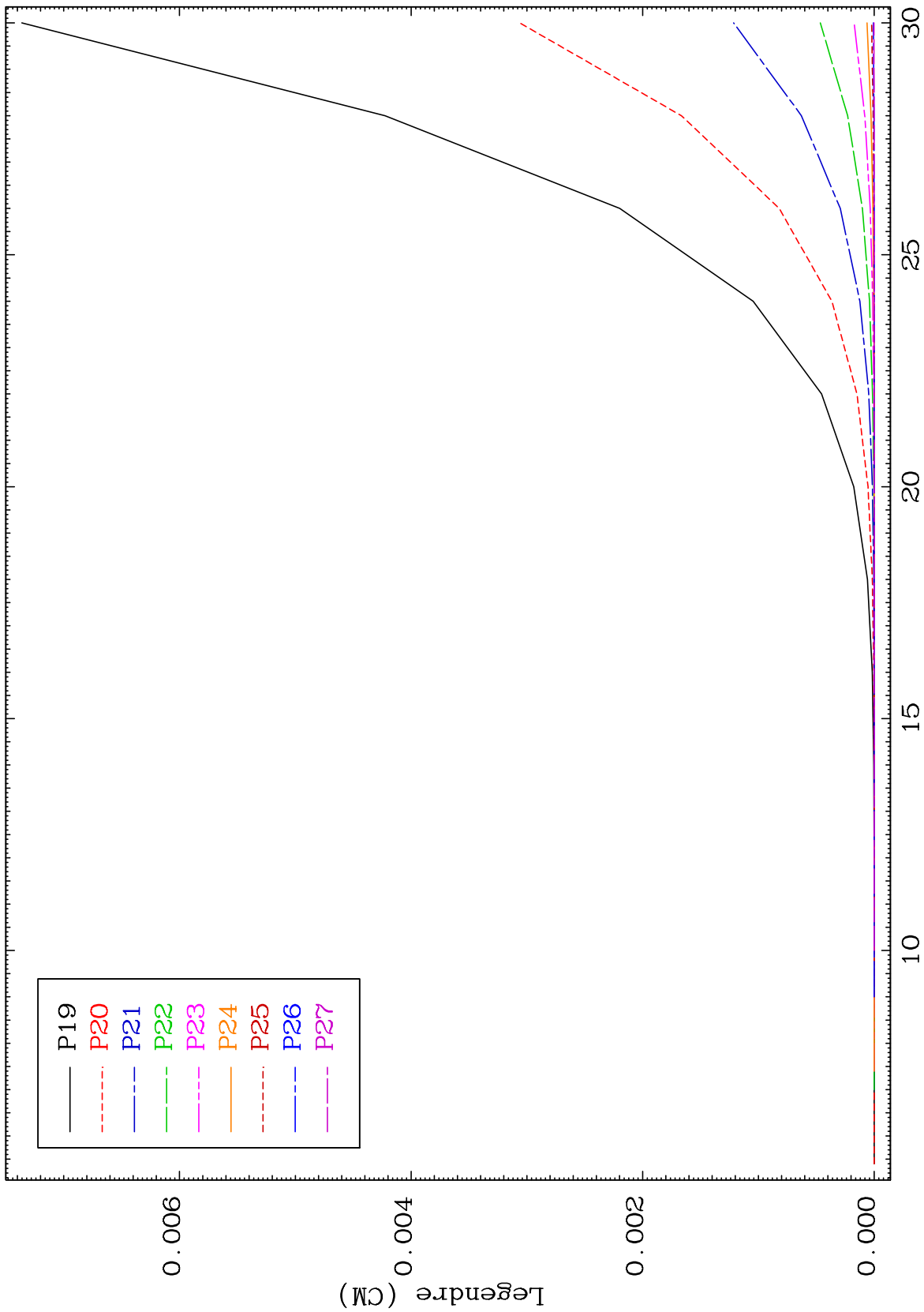
Incident Energy (MeV)

51-Sb-122

MAT 5128

Elastic Legendre Coefficients

51-Sb-122



19

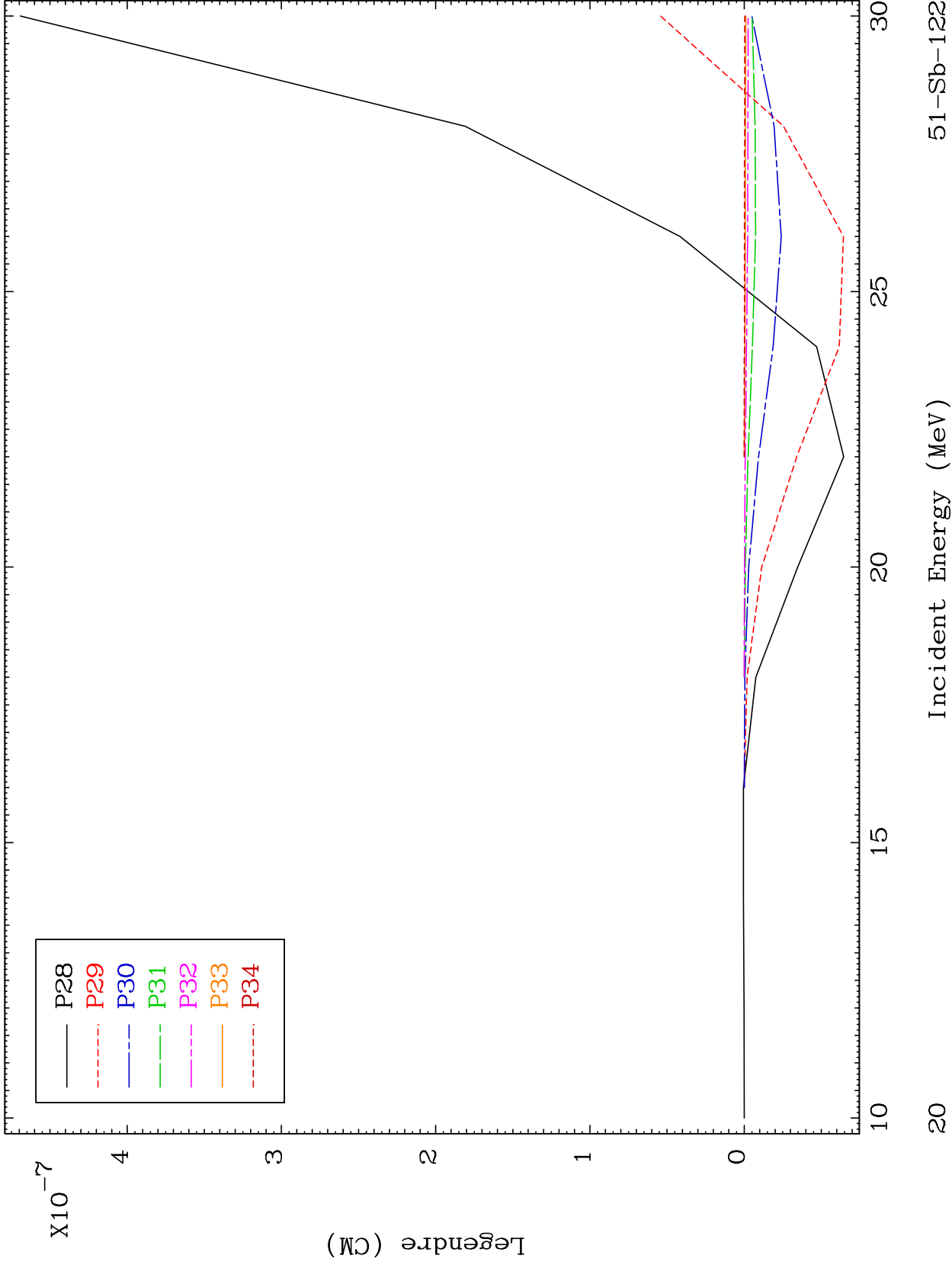
Incident Energy (MeV)

51-Sb-122

MAT 5128

Elastic Legendre Coefficients

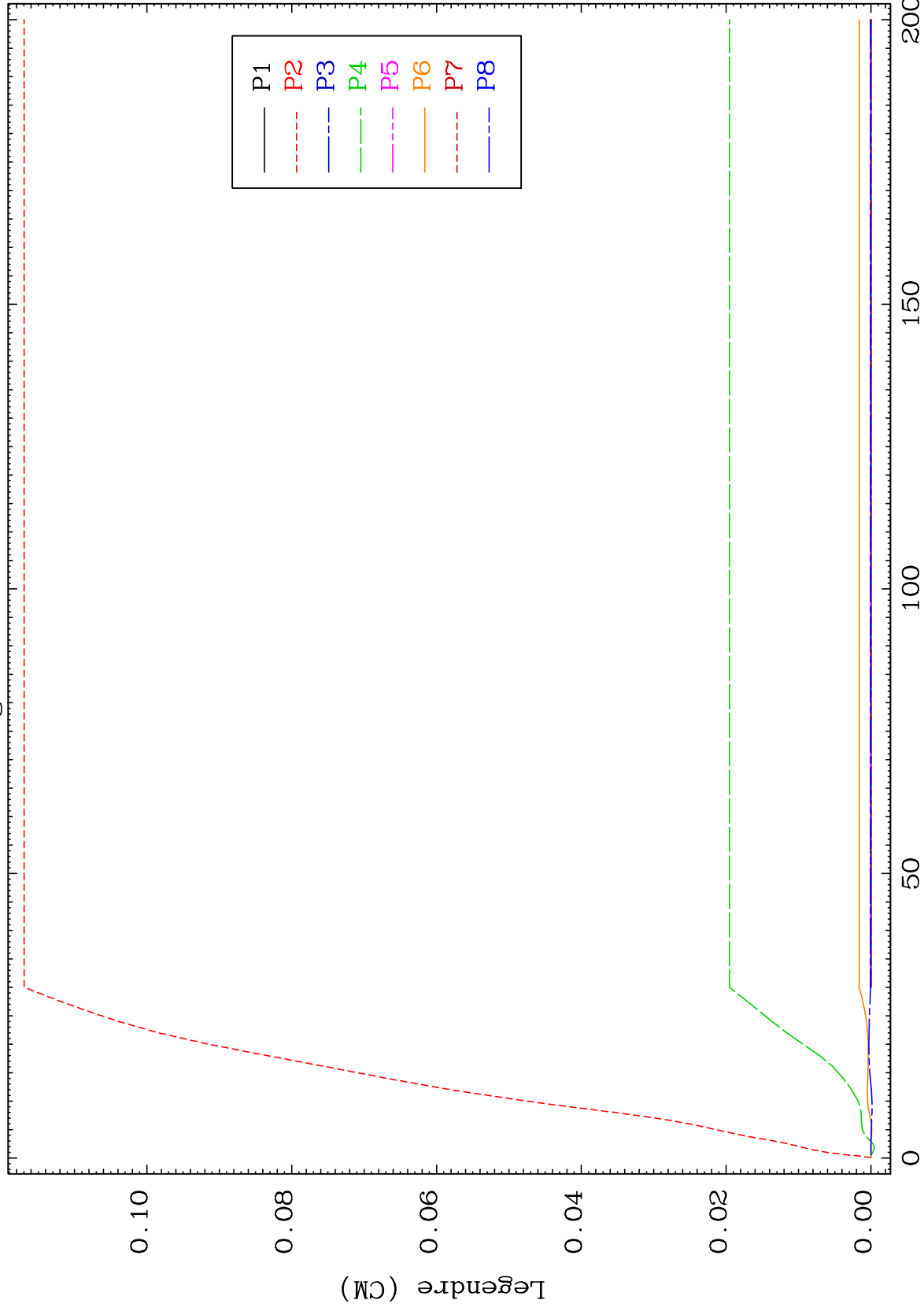
51-Sb-122



MAT 5128

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

51-Sb-122



51-Sb-122

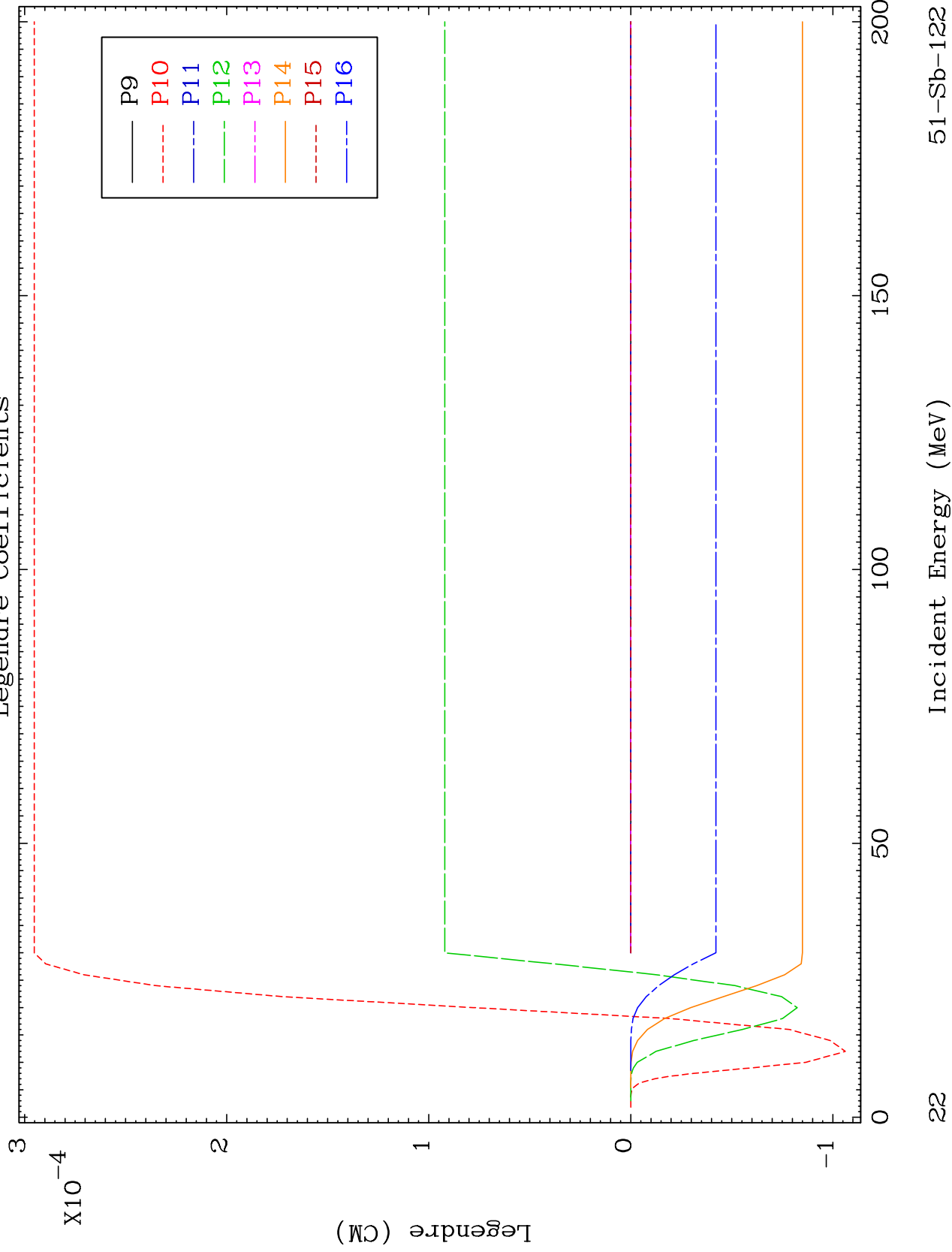
Incident Energy (MeV)

21

MAT 5128

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

51-Sb-122



51-Sb-122

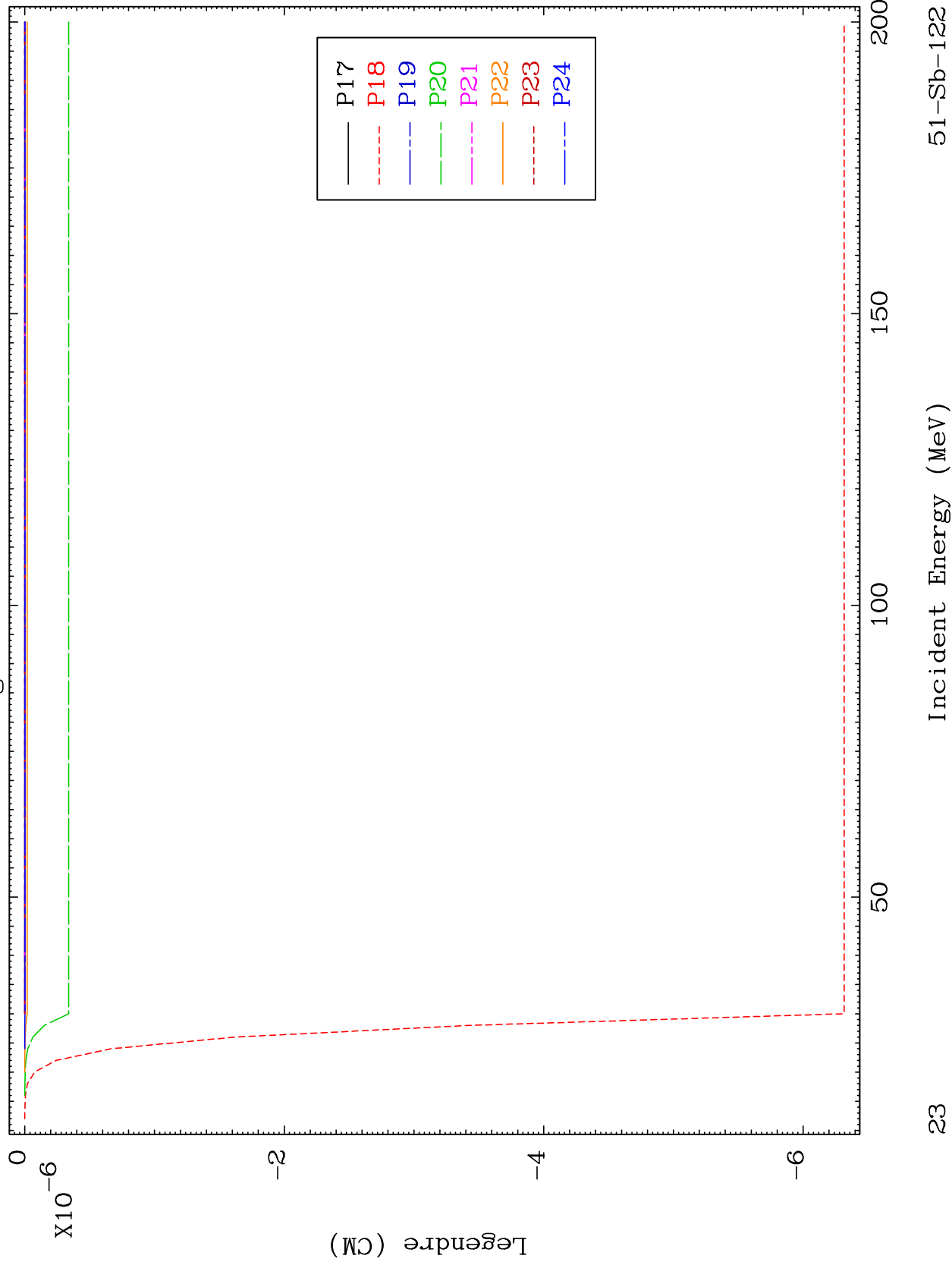
Incident Energy (MeV)

22

MAT 5128

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

51-Sb-122



23

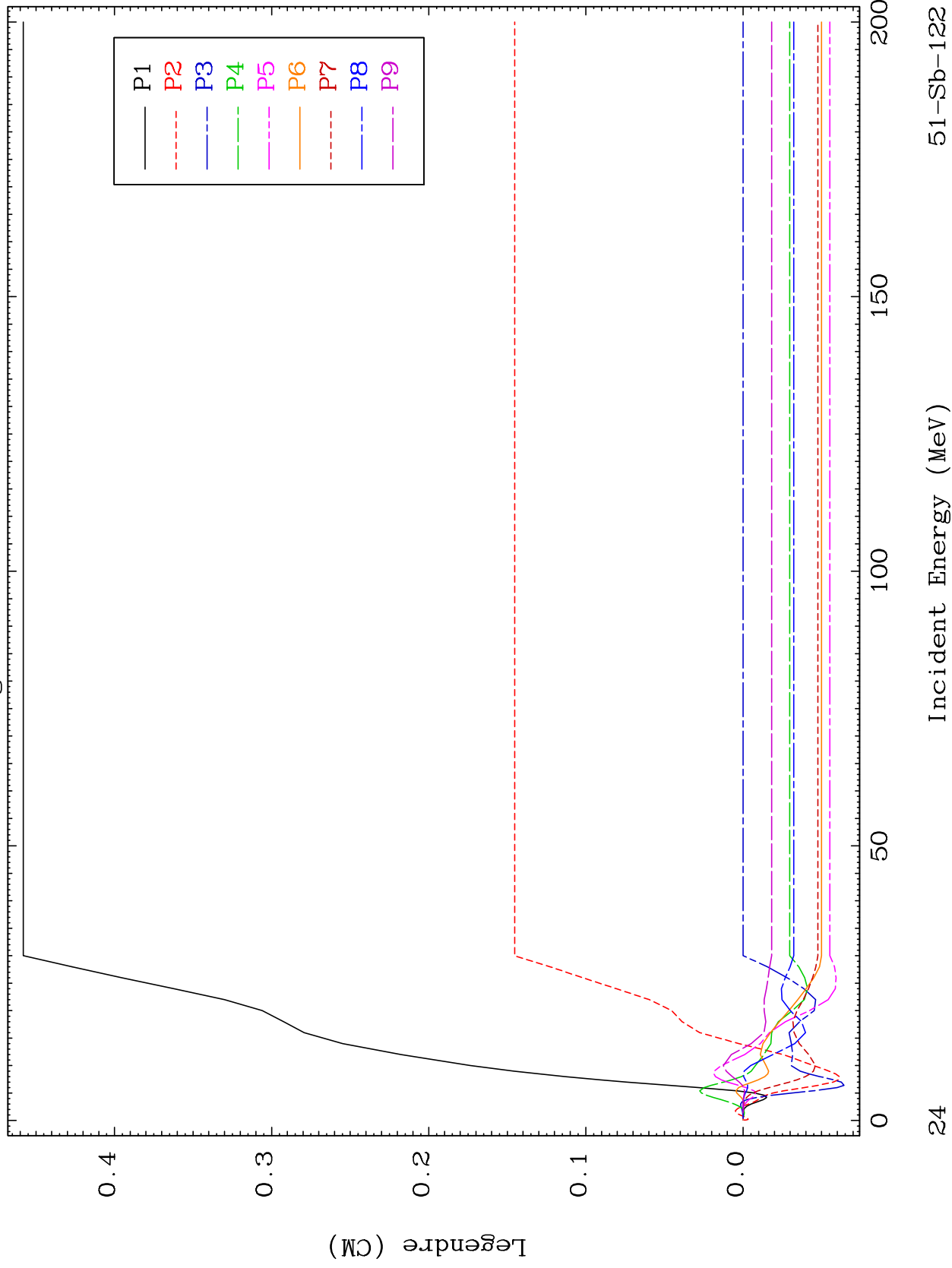
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

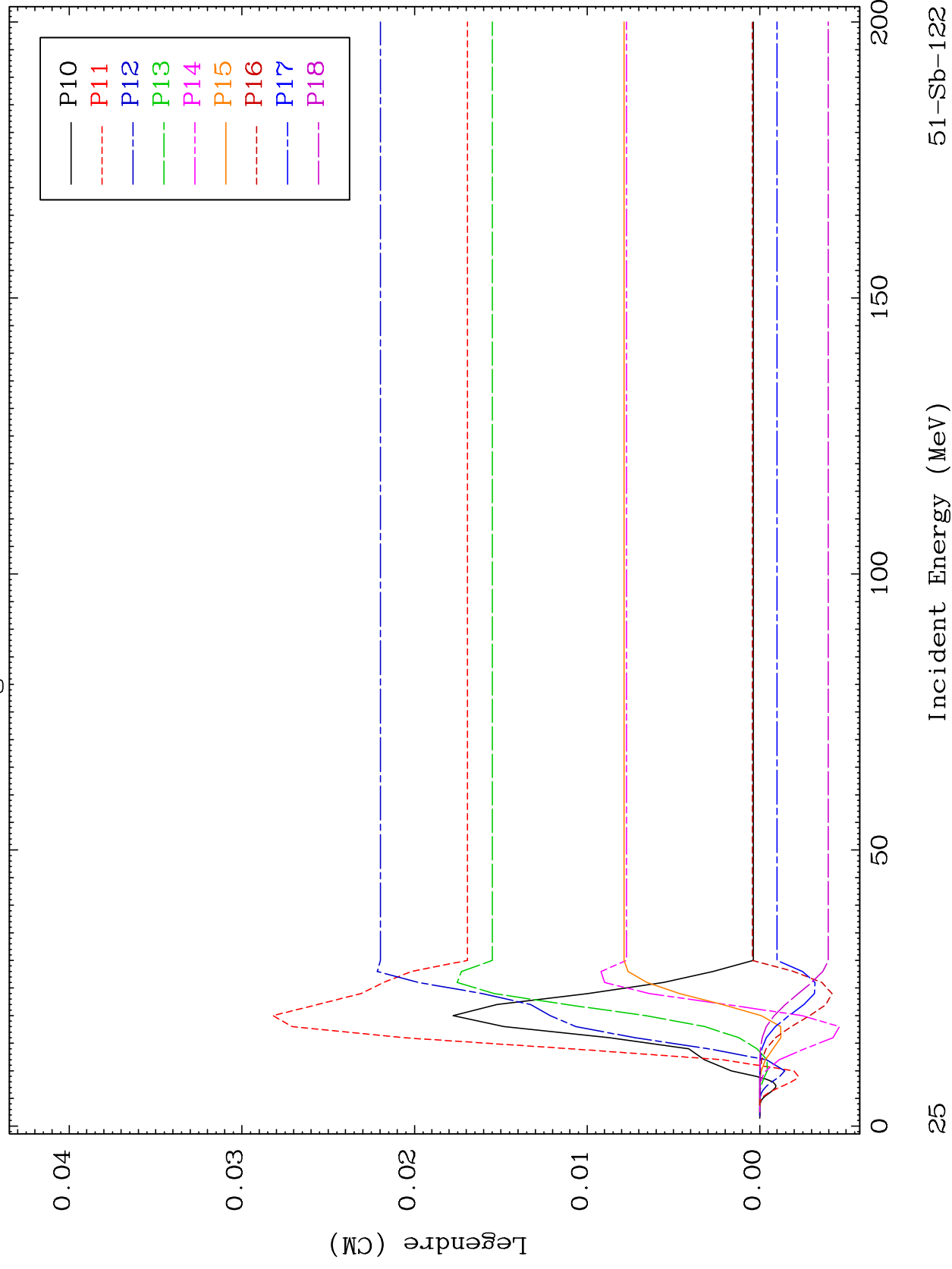
Incident Energy (MeV)

24

MAT 5128

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

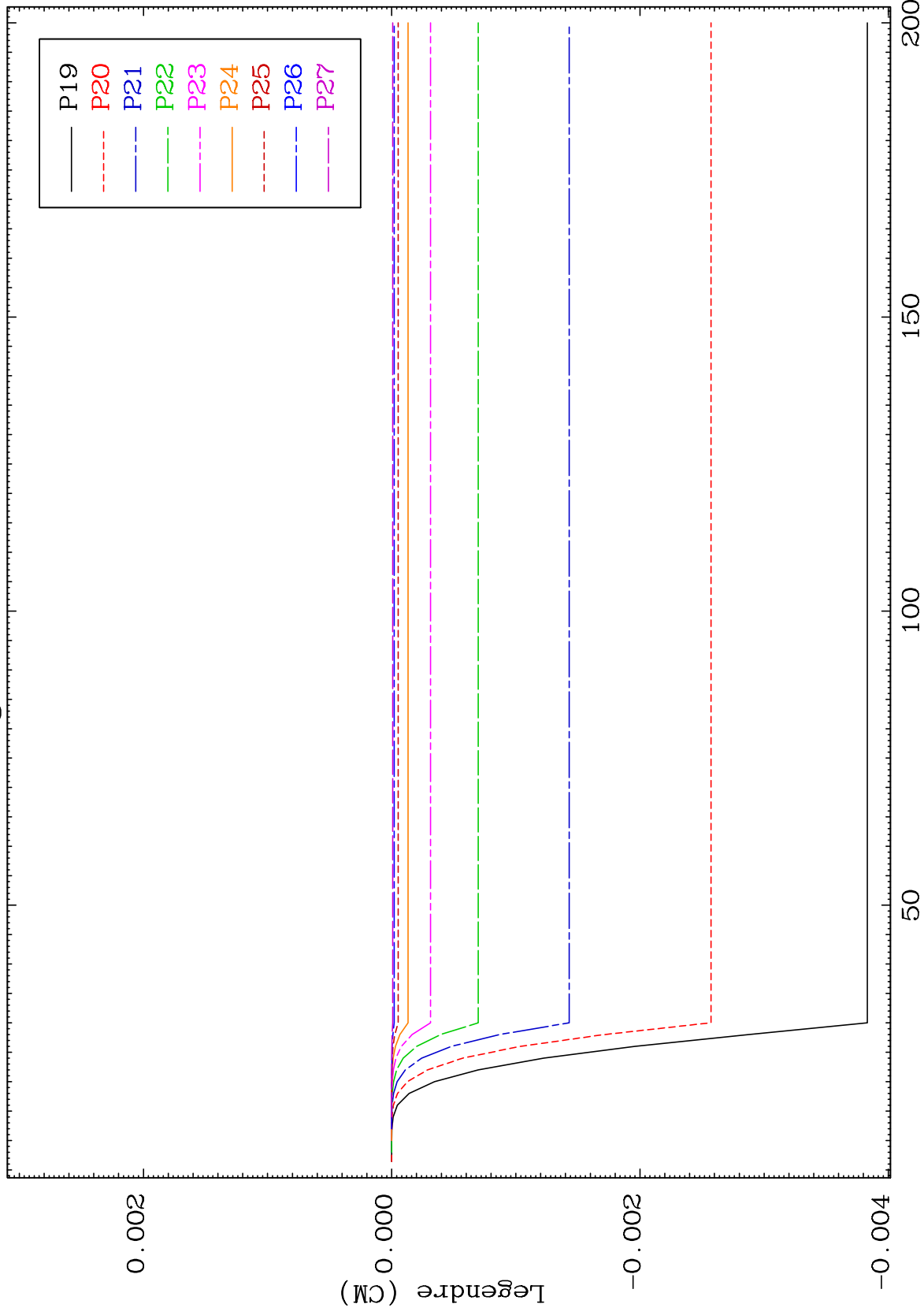
51-Sb-122



MAT 5128

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

51-Sb-122



26

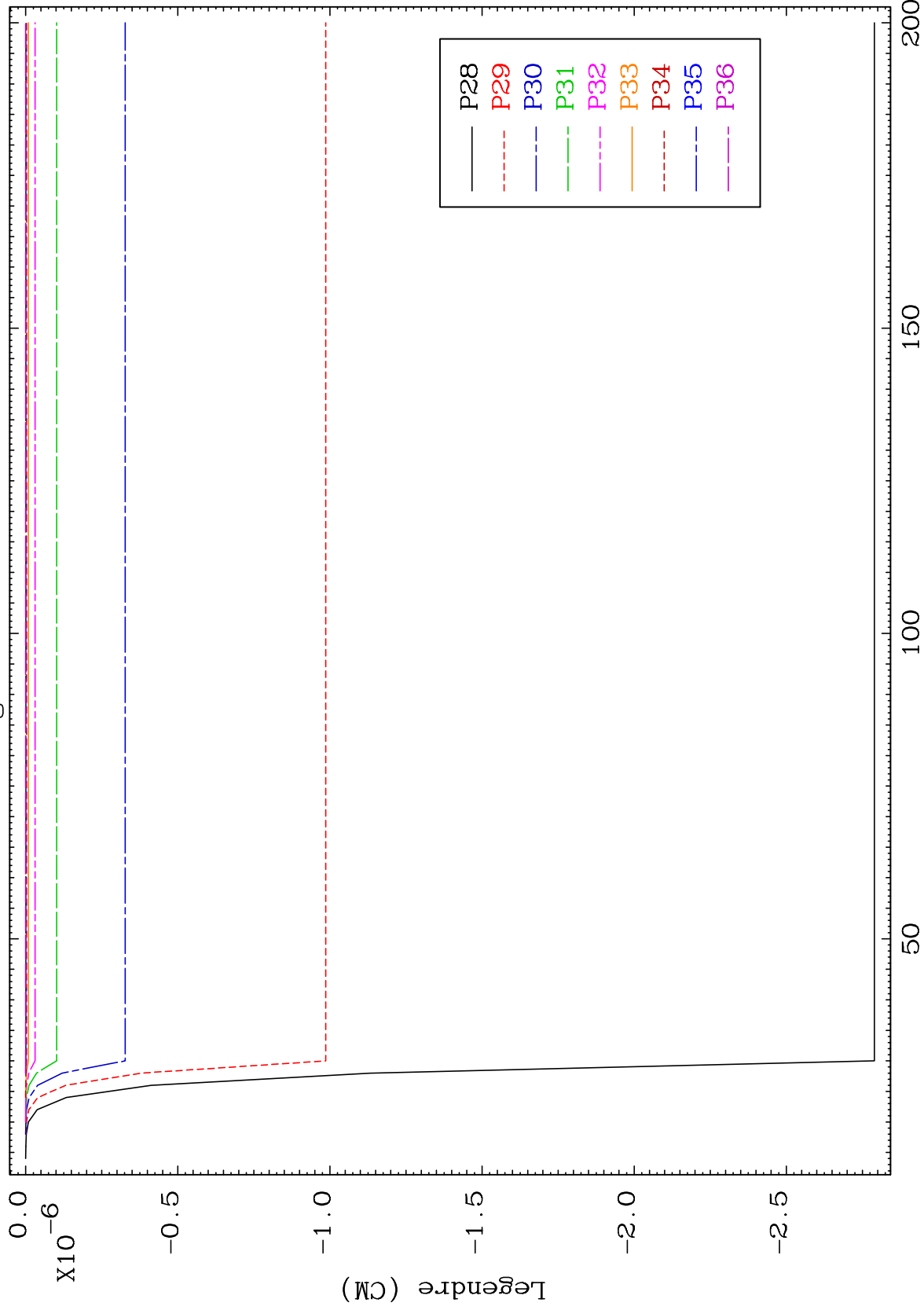
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



27

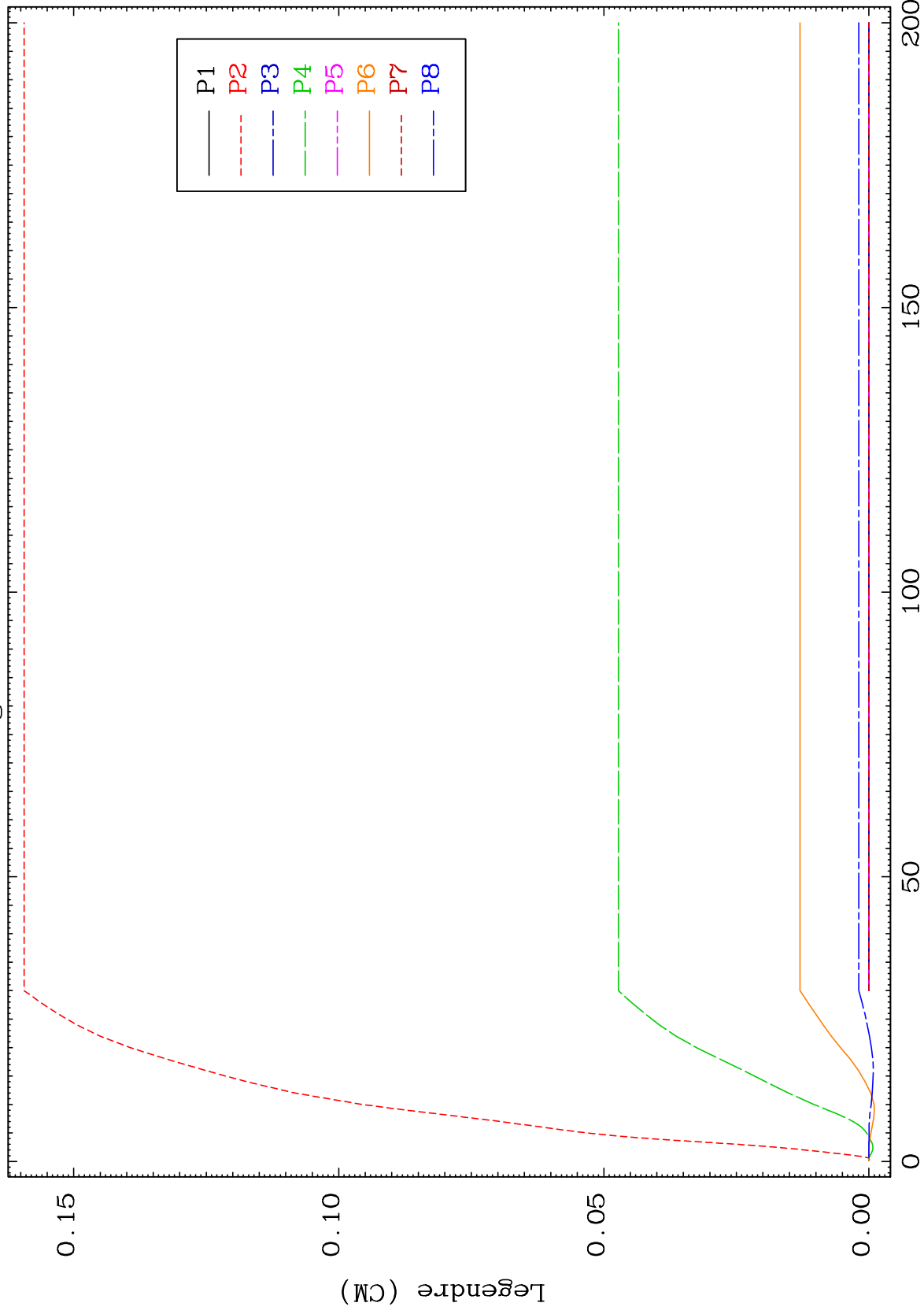
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

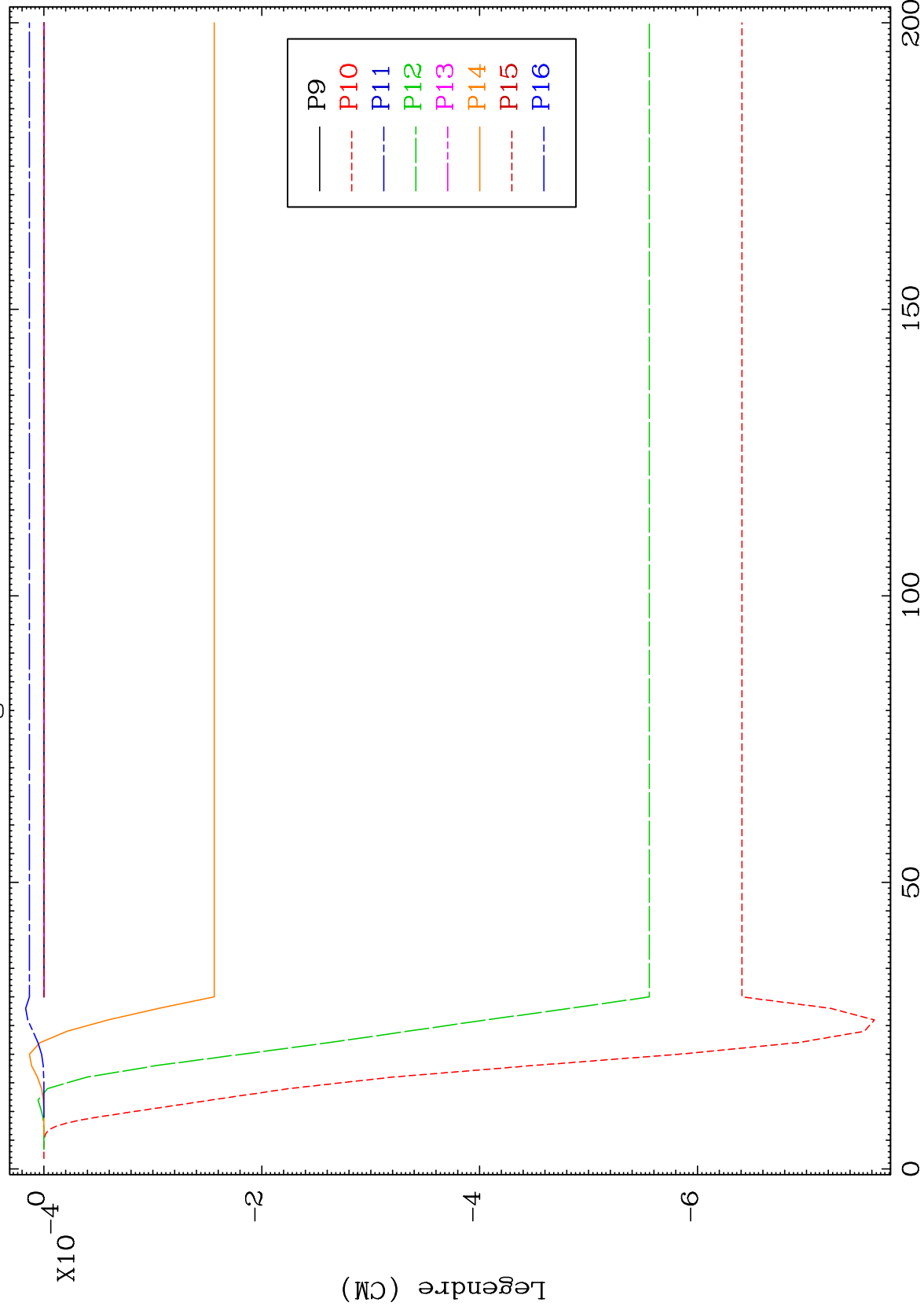
Incident Energy (MeV)

28

MAT 5128

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

51-Sb-122



29

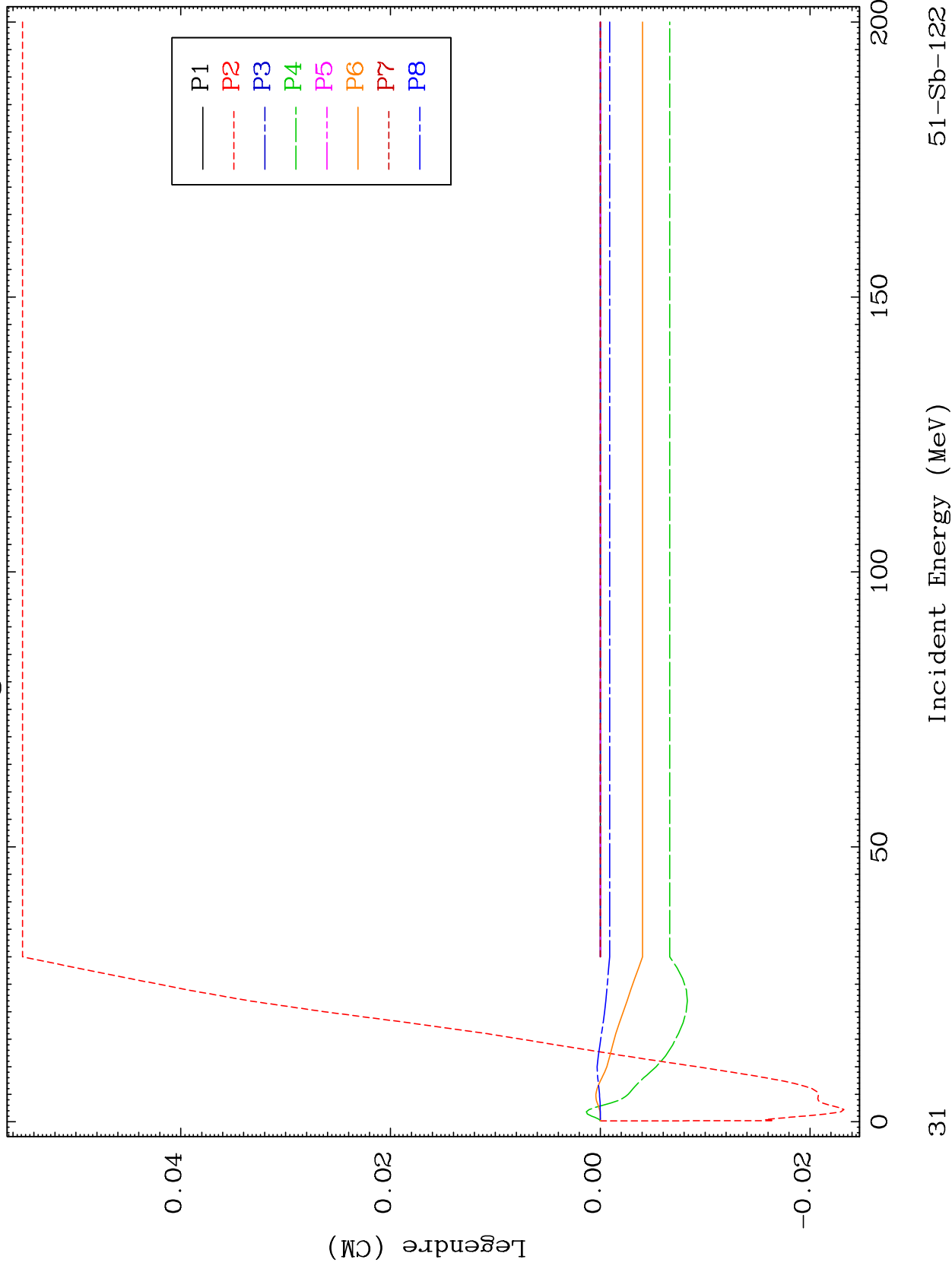
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

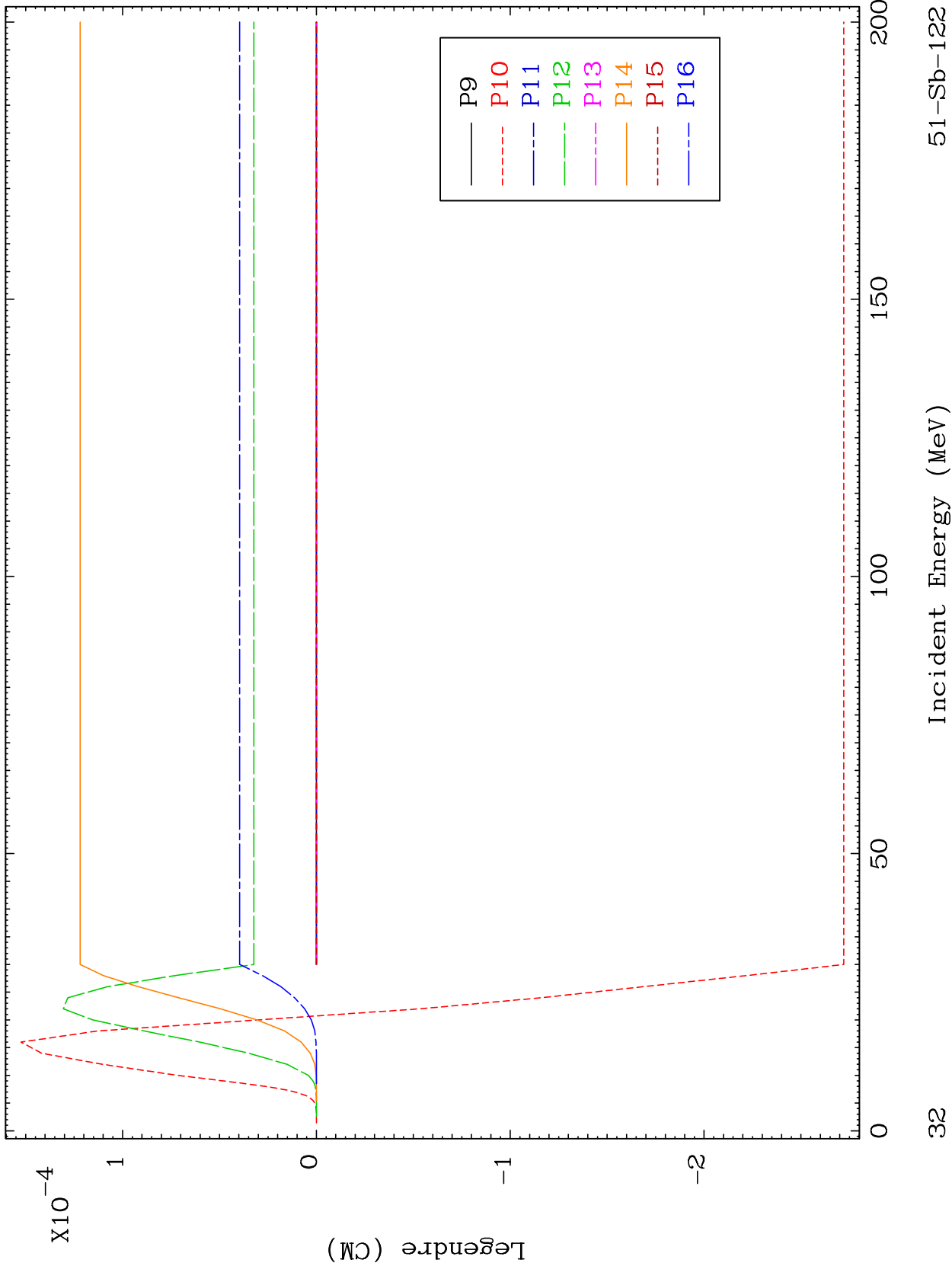
Incident Energy (MeV)

31

MAT 5128

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

51-Sb-122



51-Sb-122

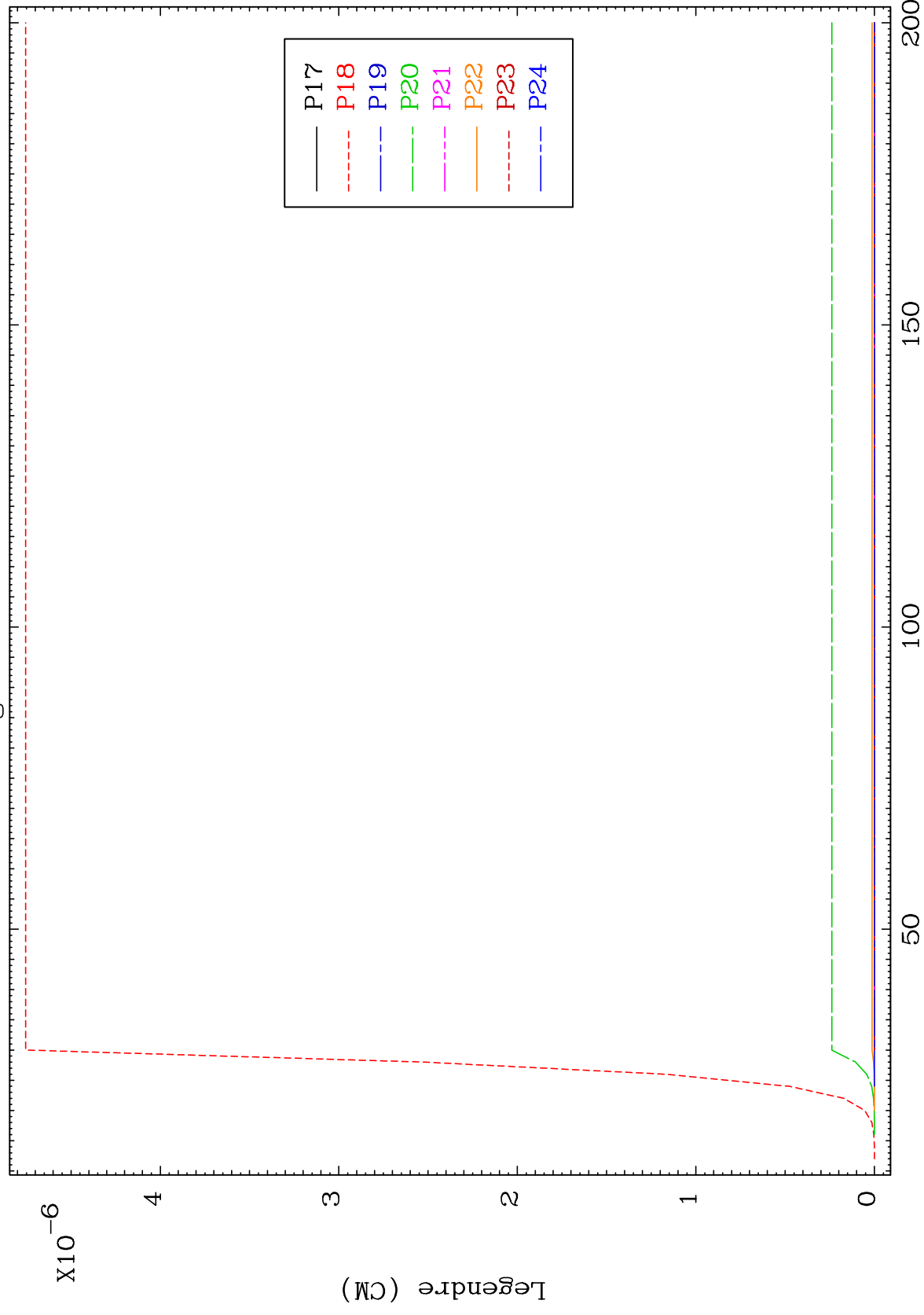
Incident Energy (MeV)

32

MAT 5128

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

51-Sb-122



33

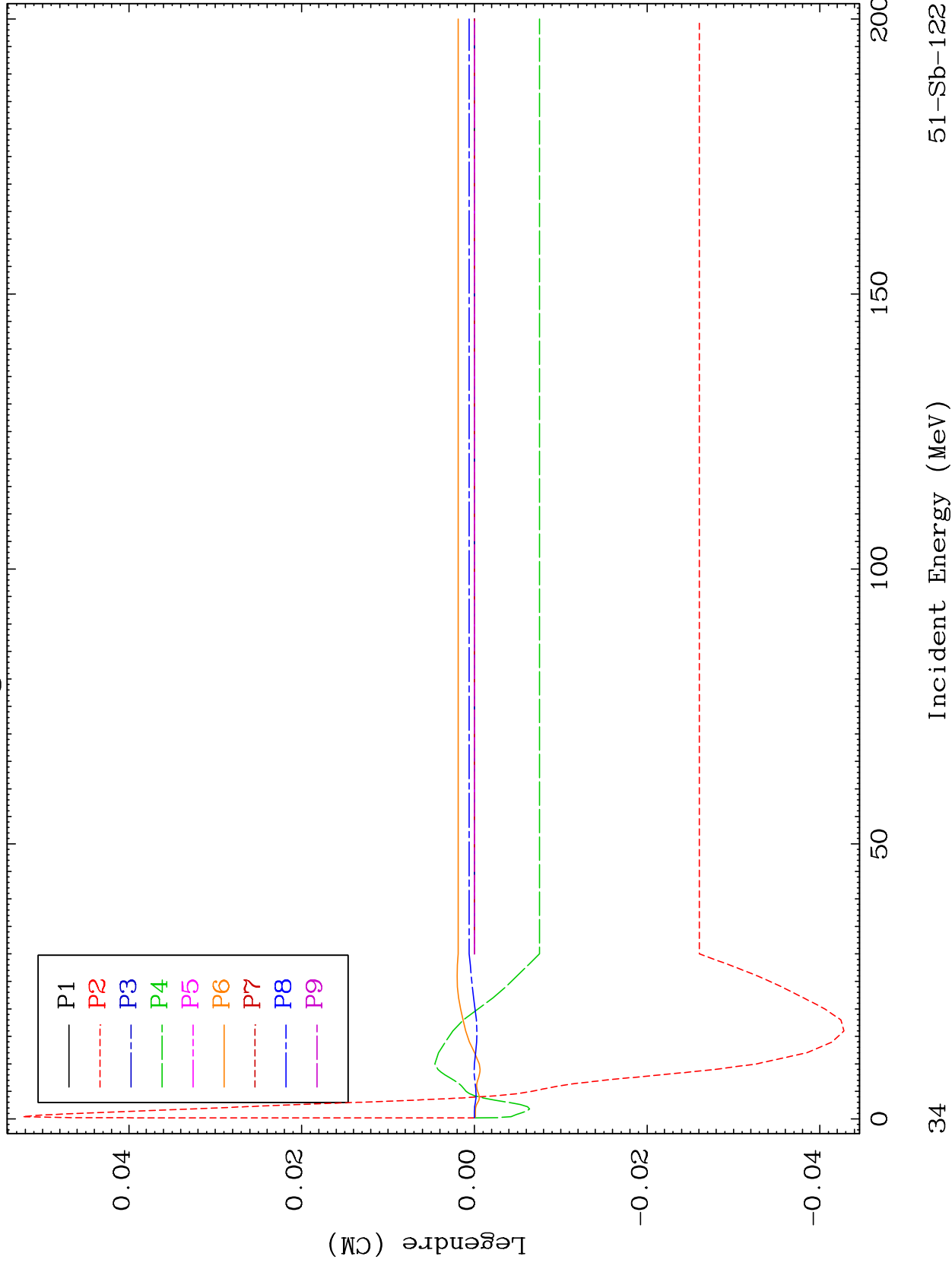
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



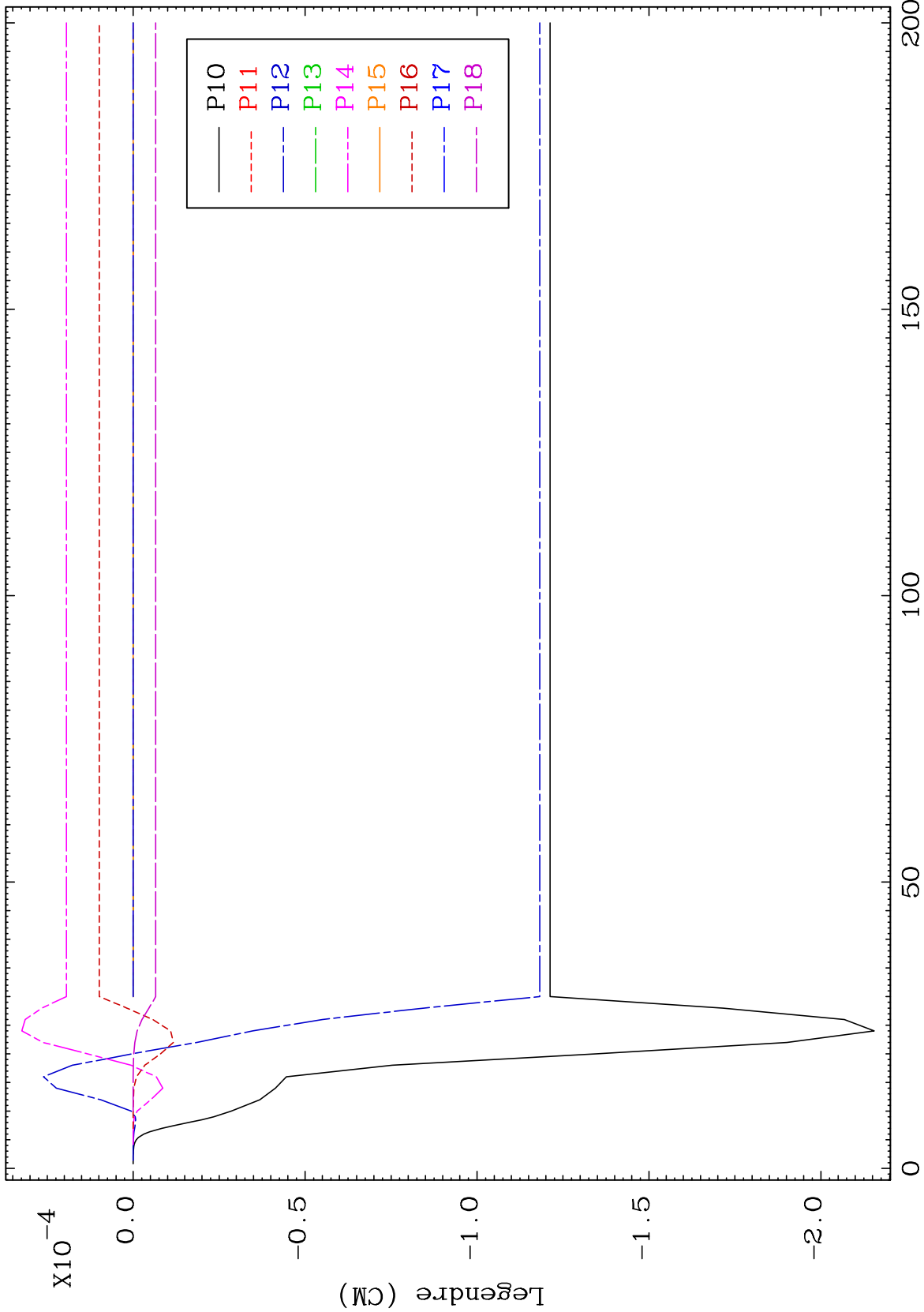
34

51-Sb-122

MAT 5128

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

51-Sb-122



35

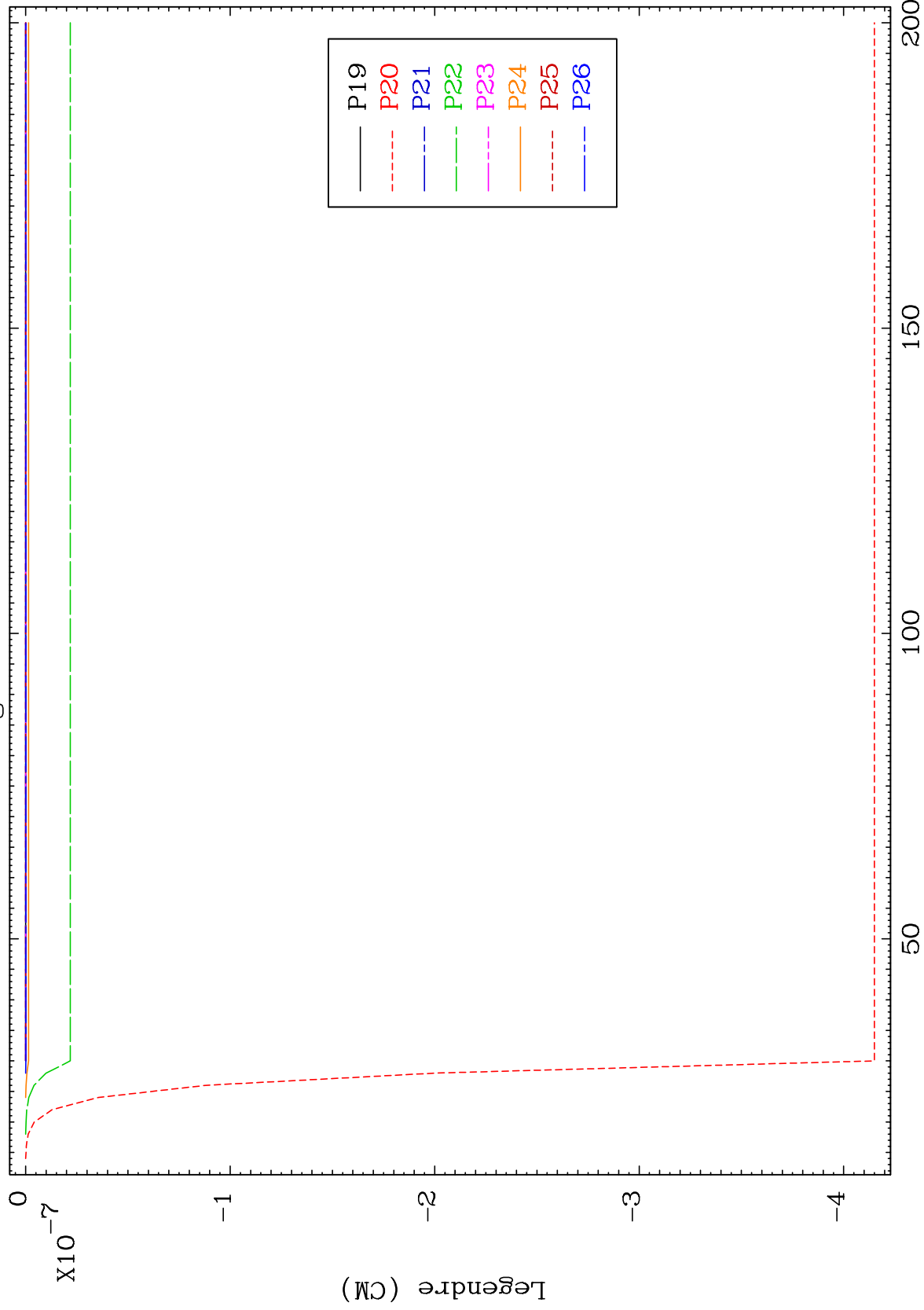
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

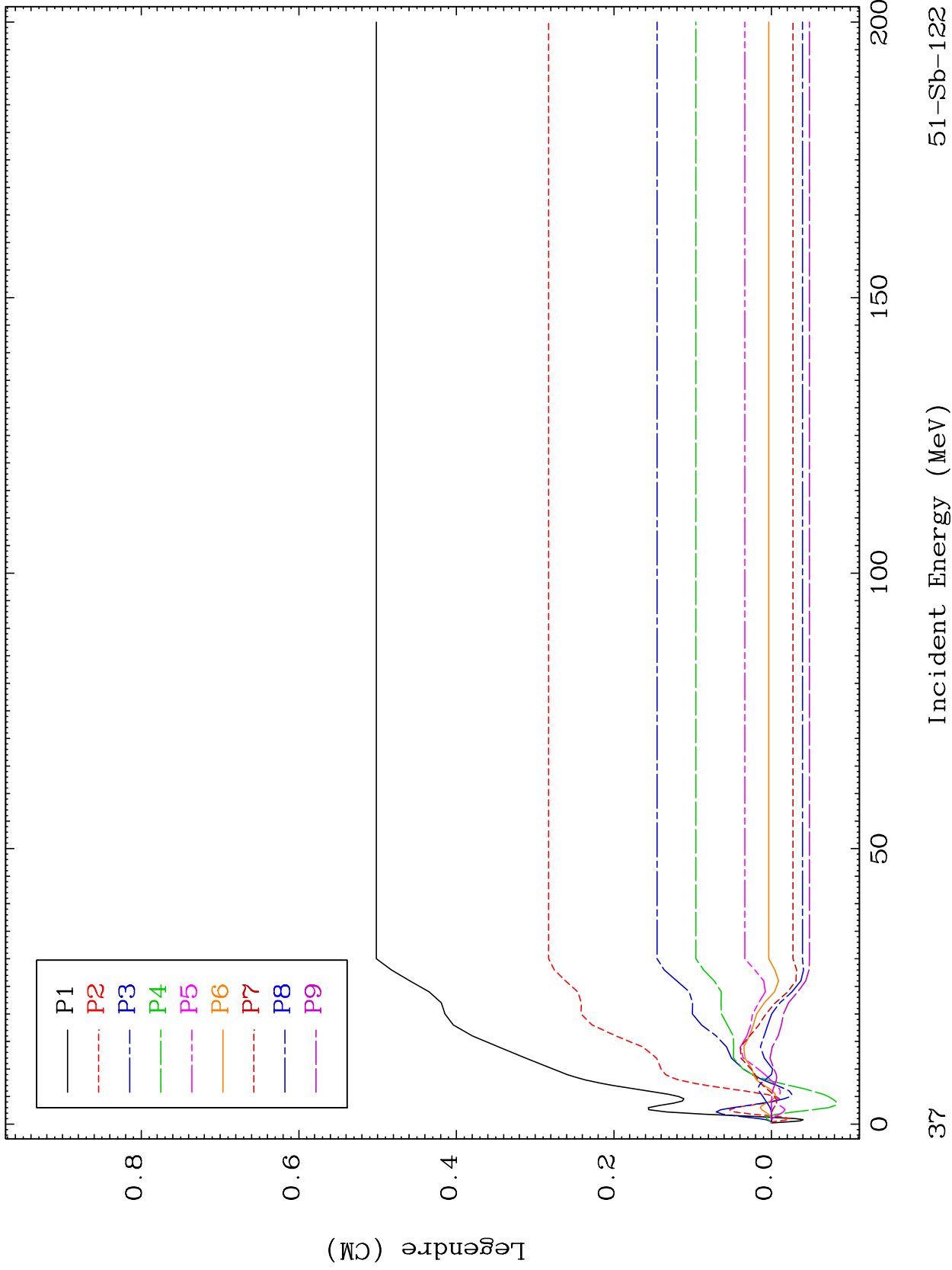
51-Sb-122



36

Incident Energy (MeV)

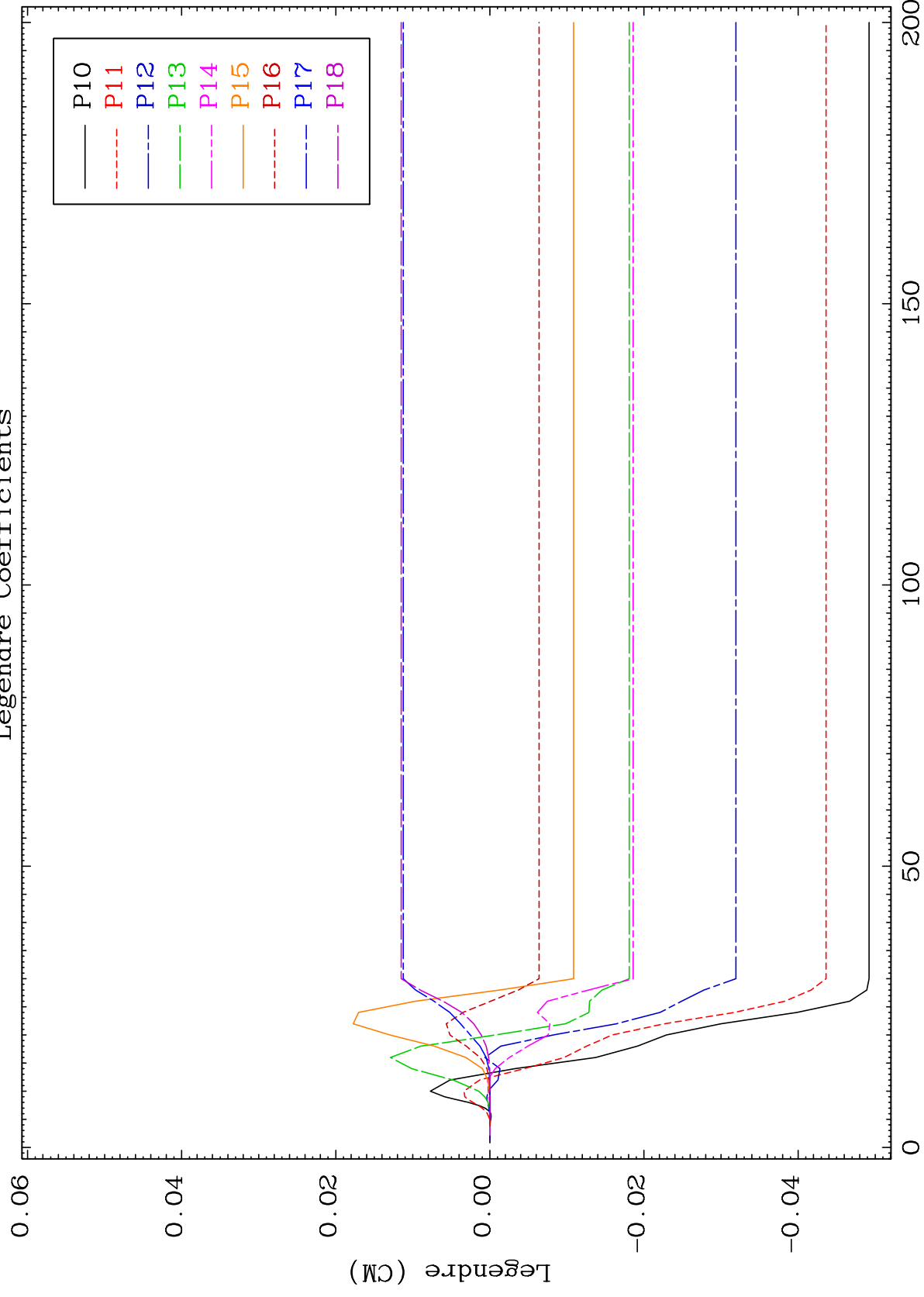
51-Sb-122



MAT 5128

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

51-Sb-122



38

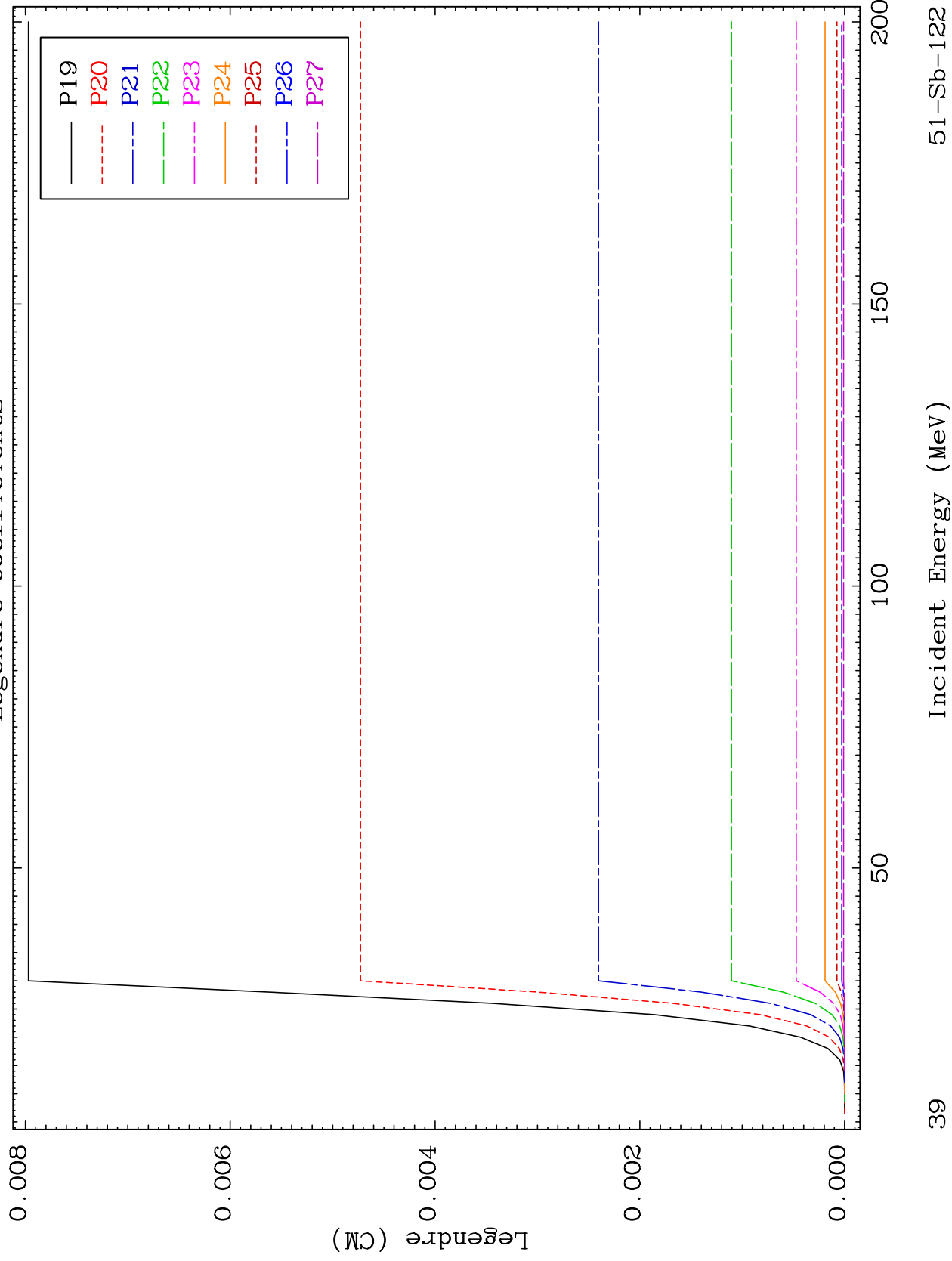
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



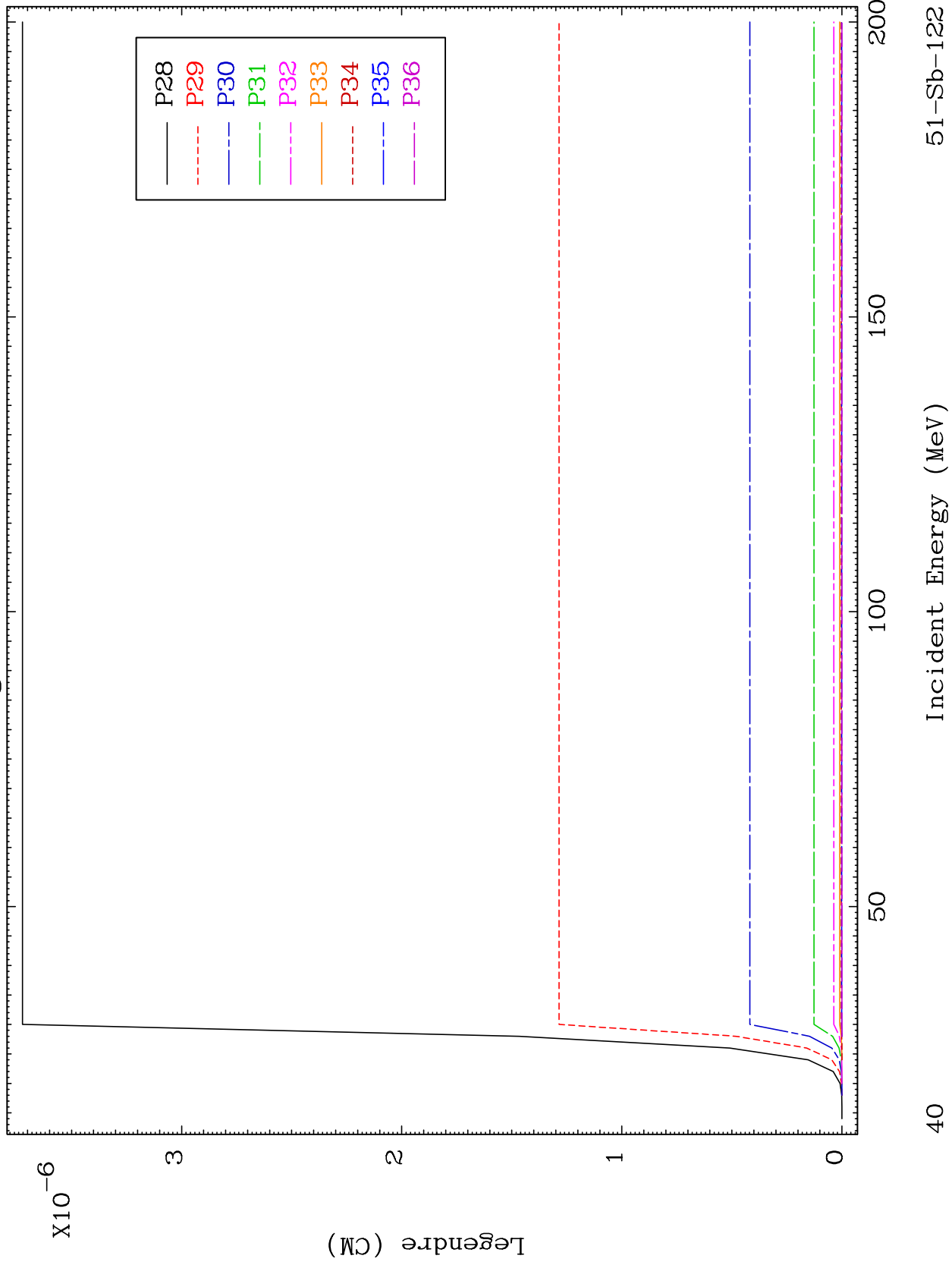
39

51-Sb-122

MAT 5128

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

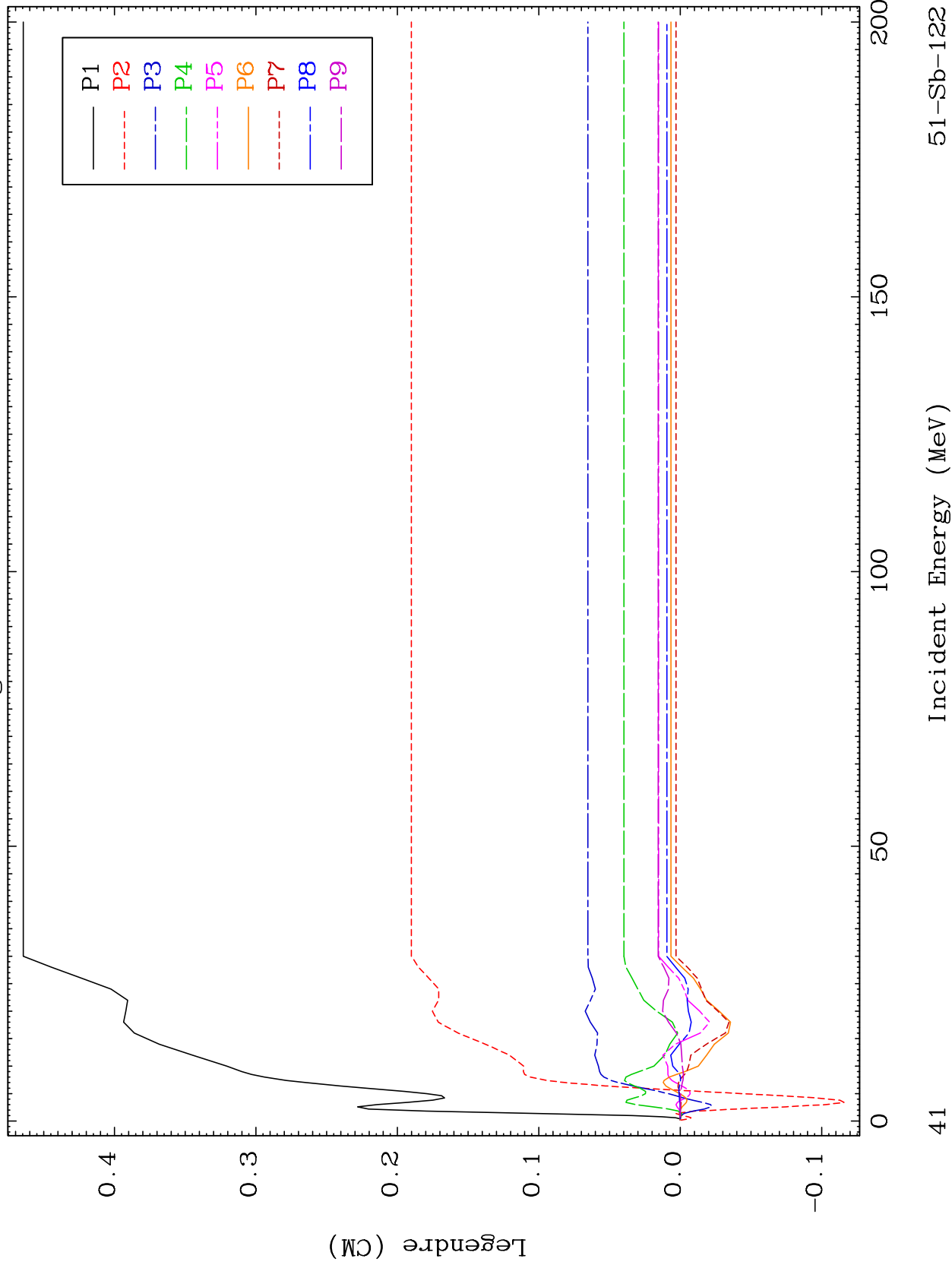
51-Sb-122



MAT 5128

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

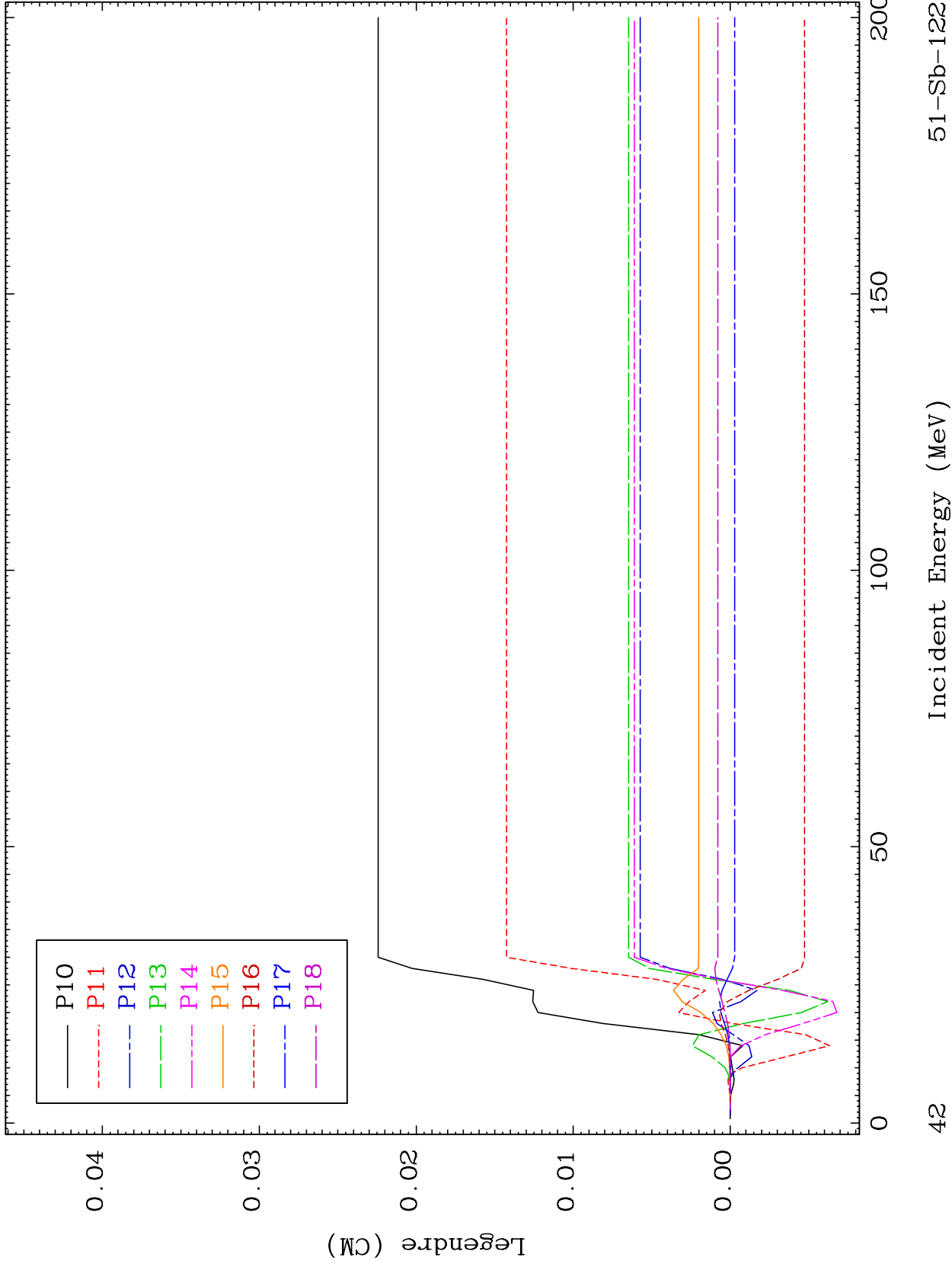
51-Sb-122

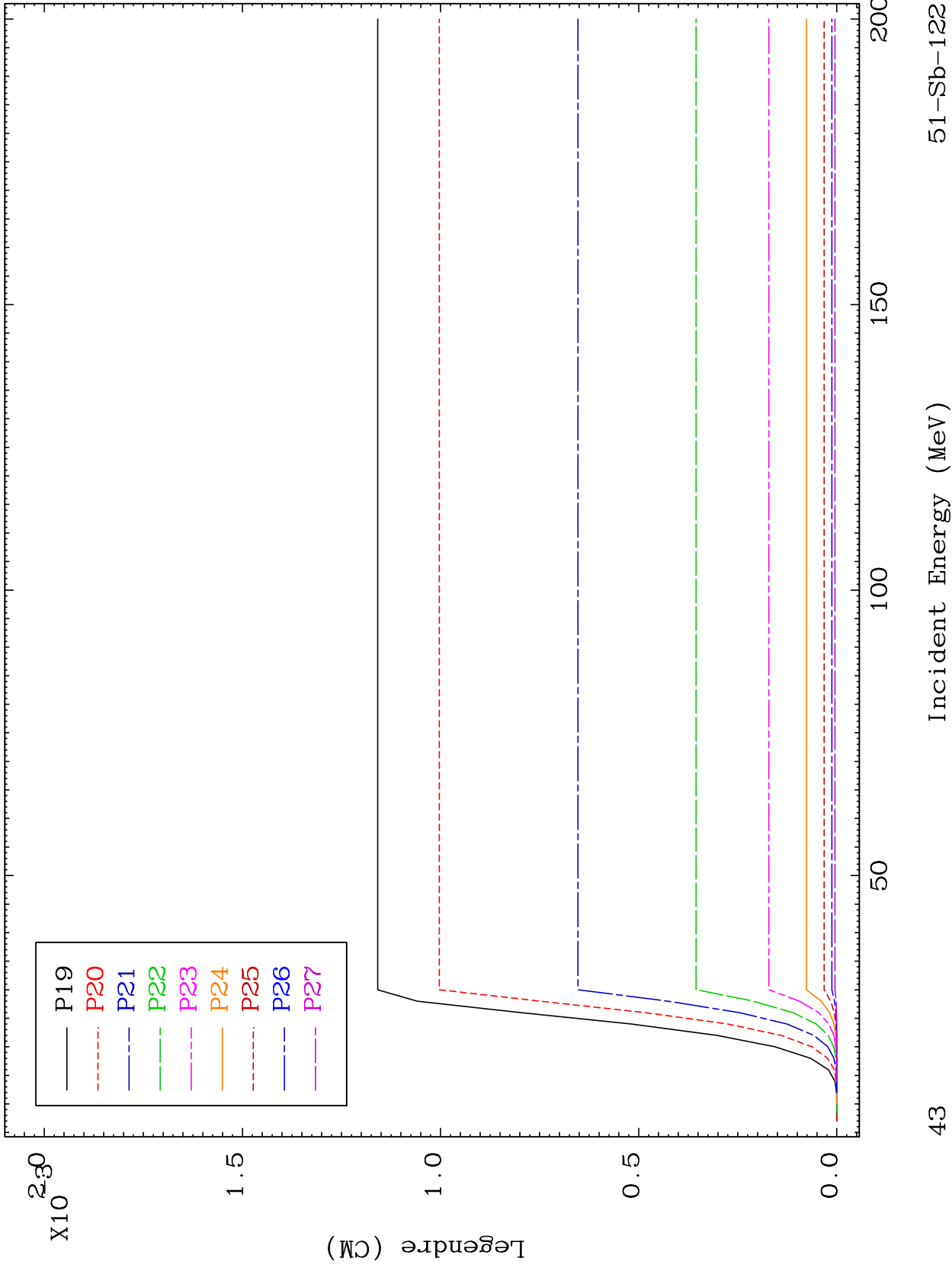


51-Sb-122

Incident Energy (MeV)

41

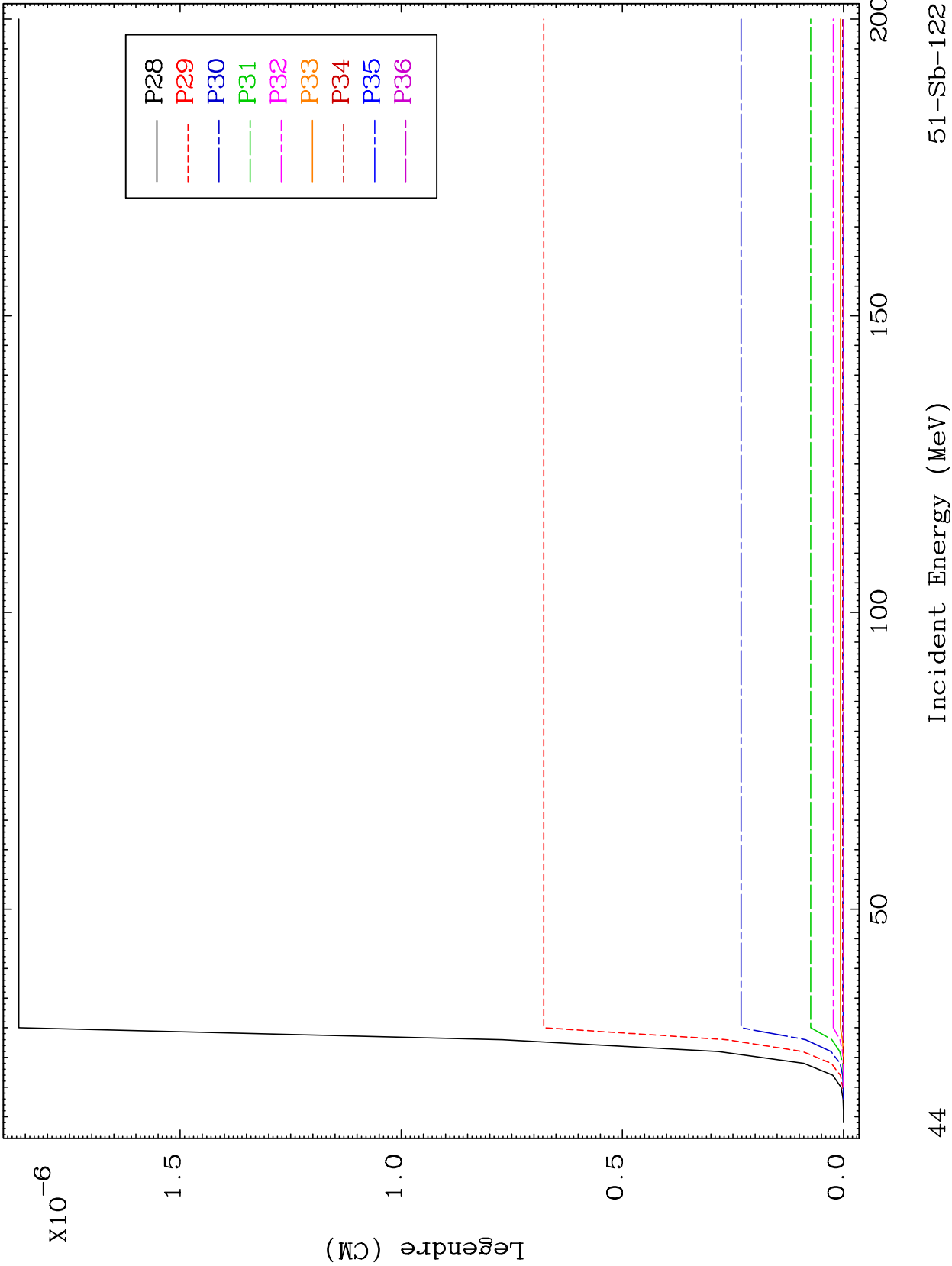




MAT 5128

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

51-Sb-122



44

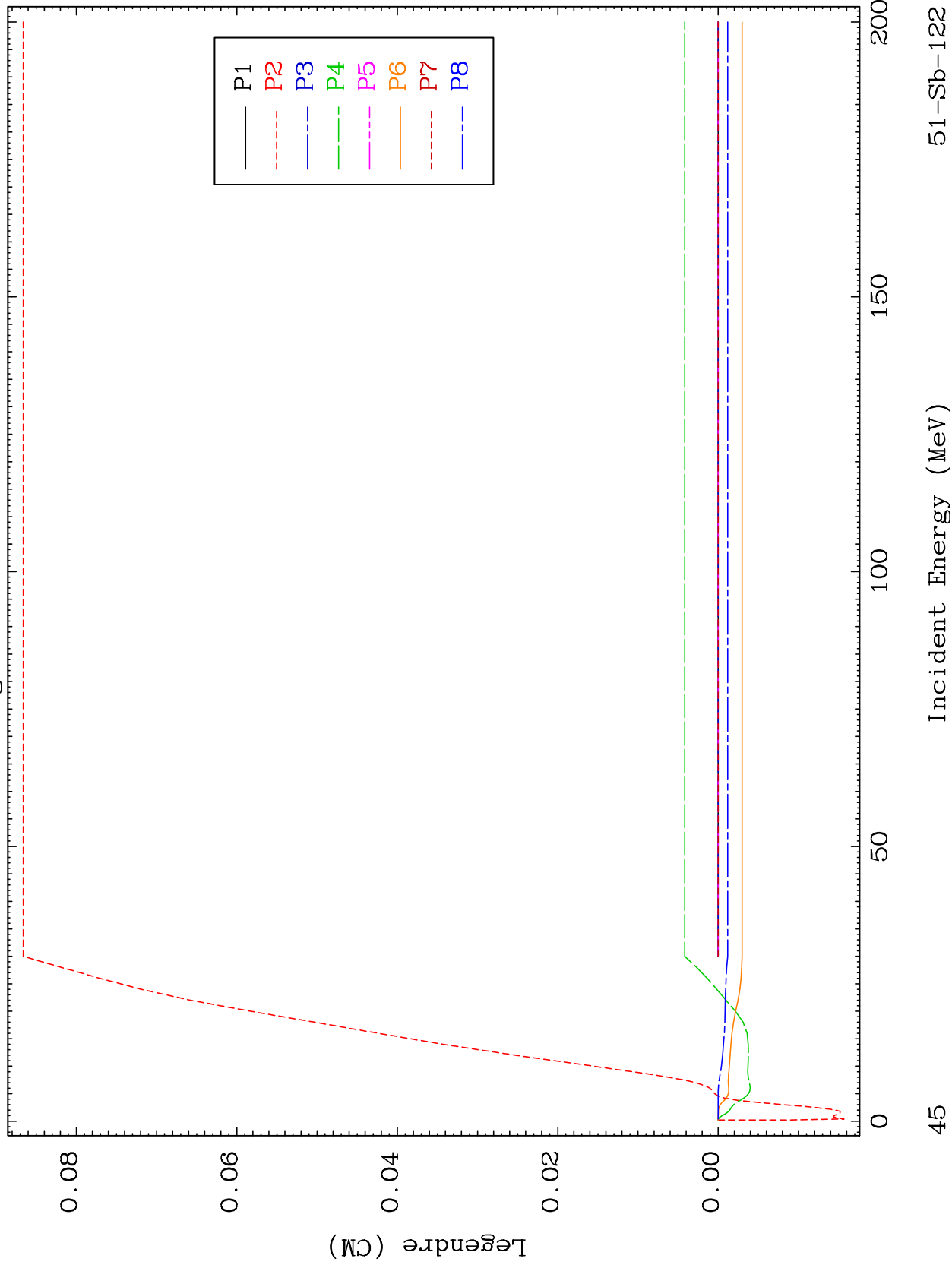
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

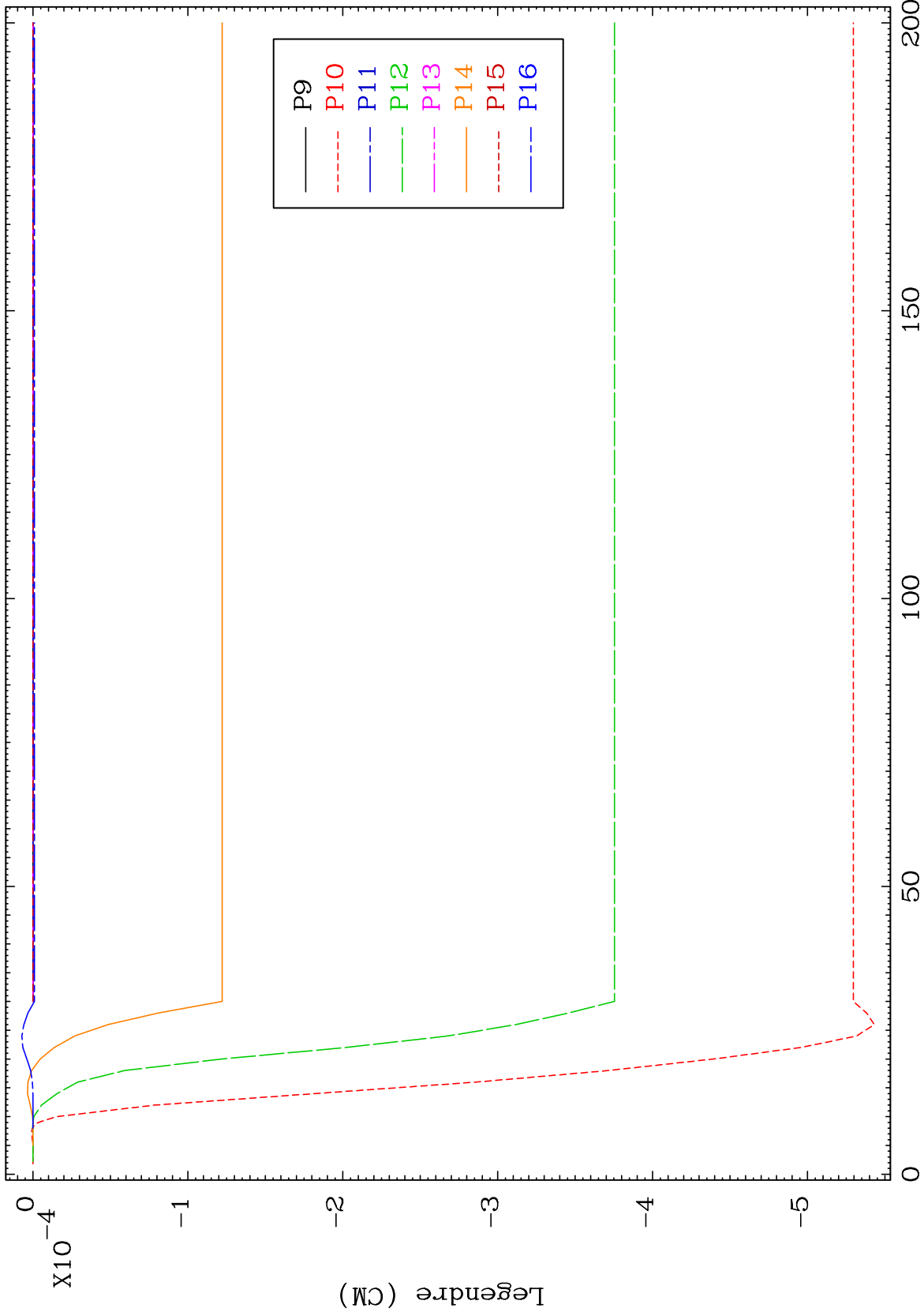
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45

MAT 5128

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

51-Sb-122



46

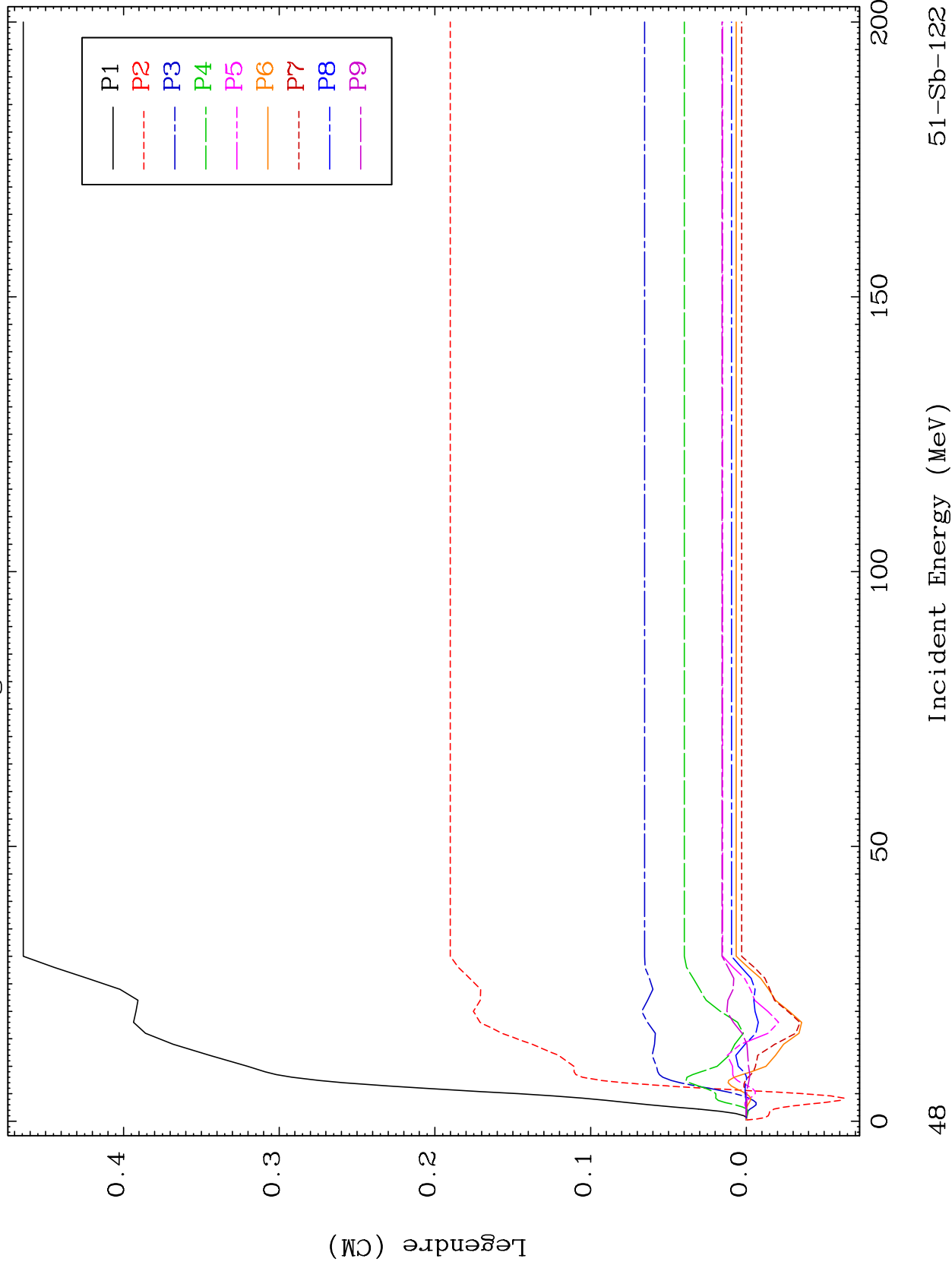
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

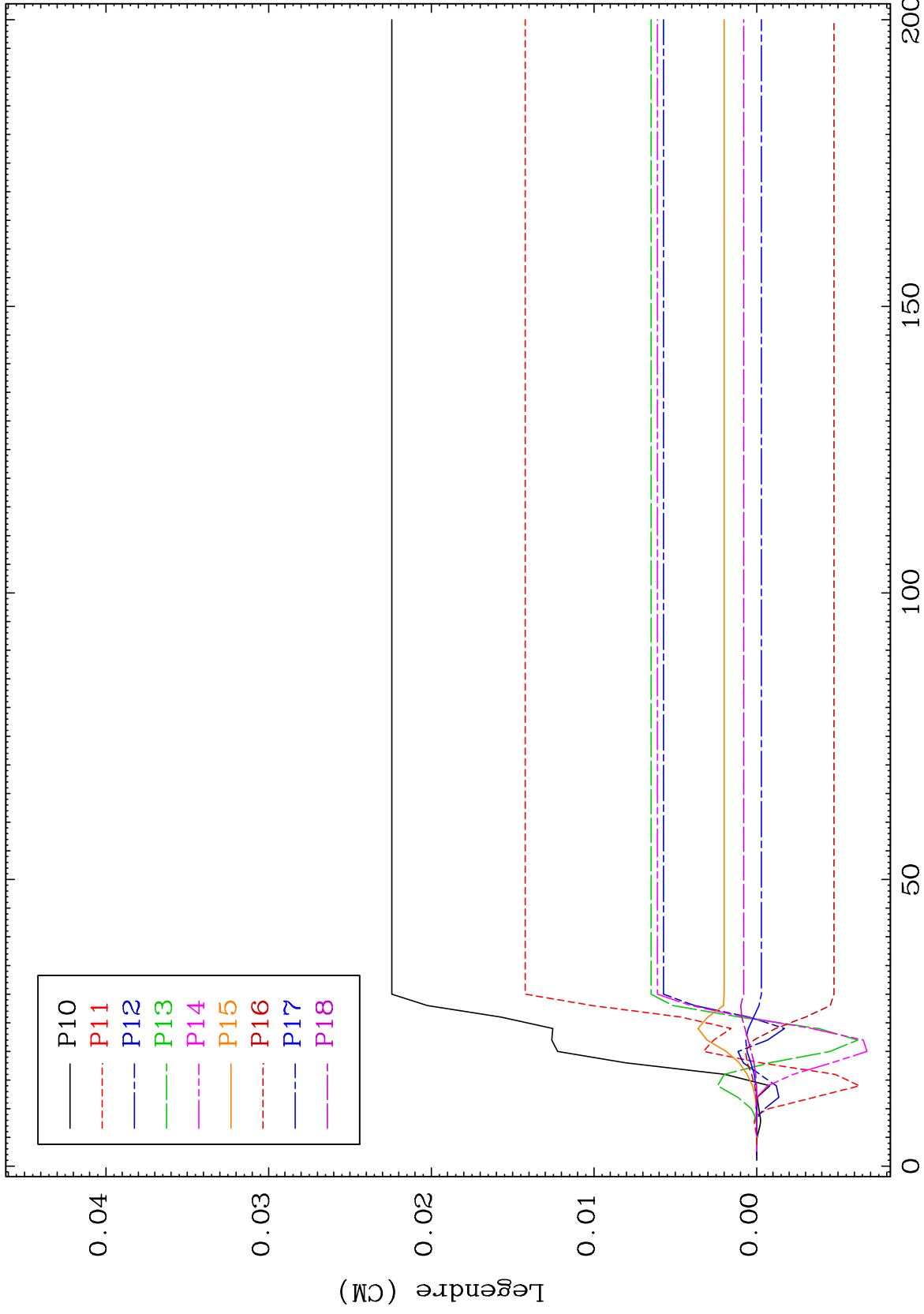
Incident Energy (MeV)

48

MAT 5128

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

51-Sb-122



49

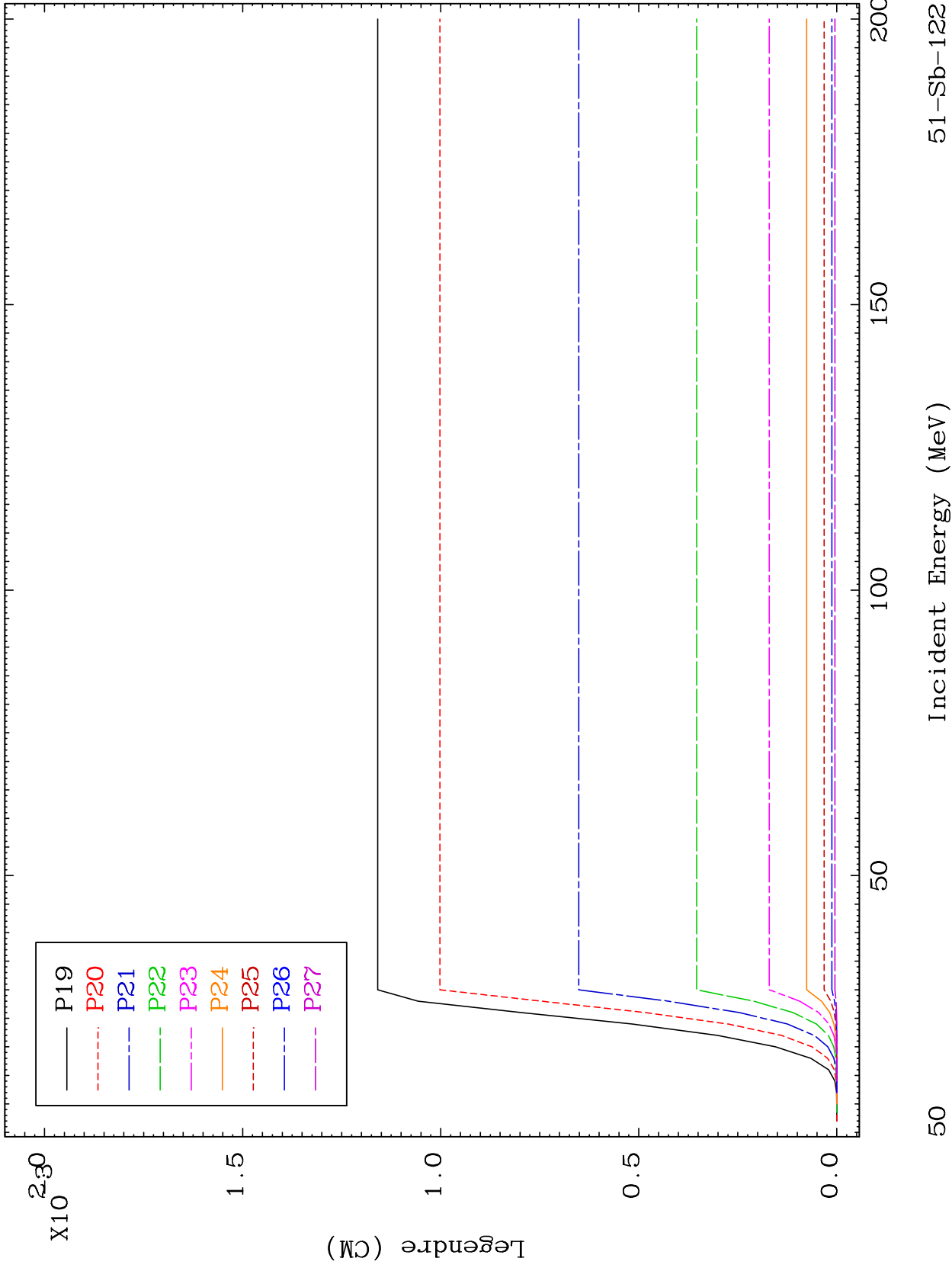
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

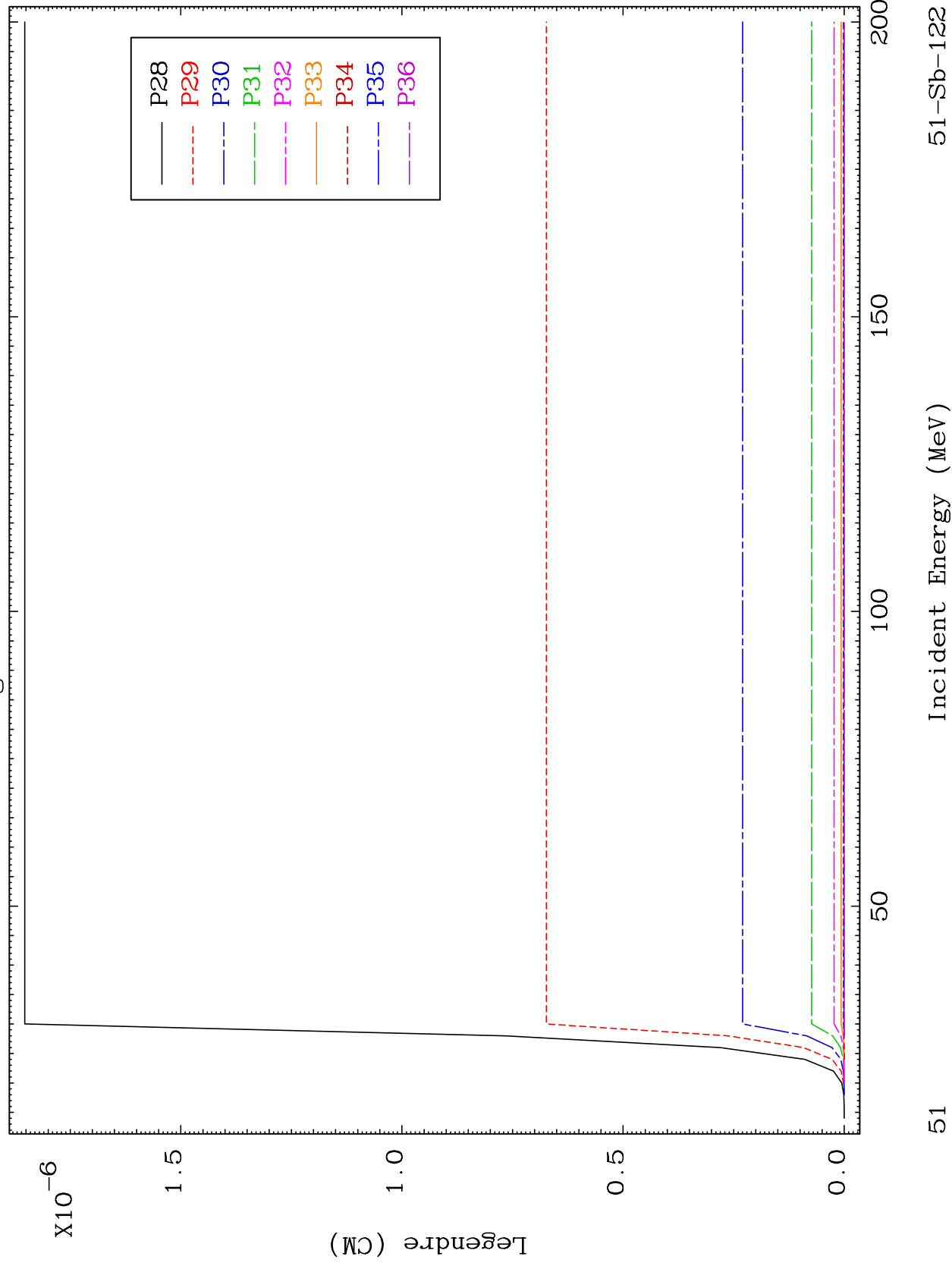
Incident Energy (MeV)

50

MAT 5128

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

51-Sb-122



51

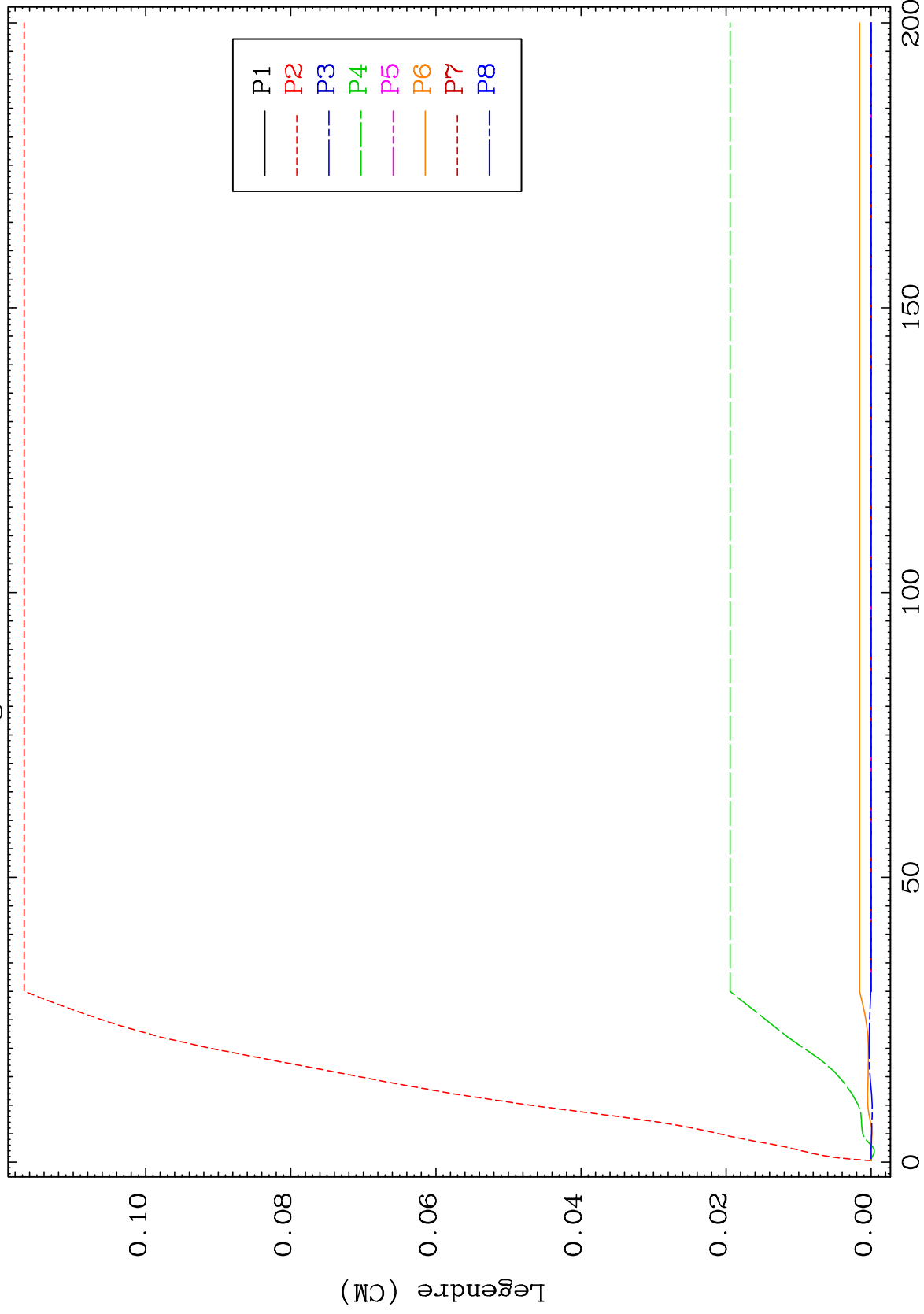
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

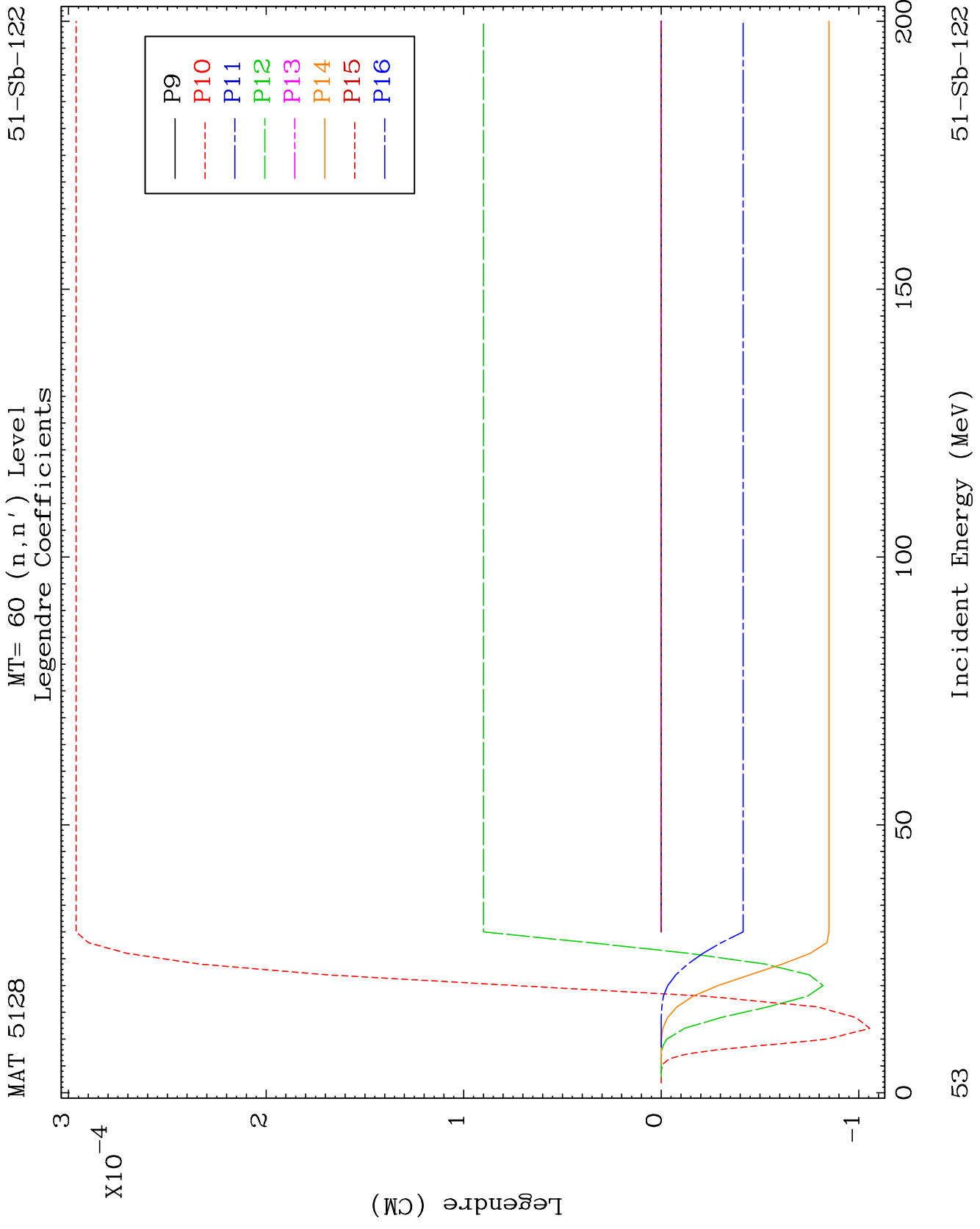
51-Sb-122



51-Sb-122

Incident Energy (MeV)

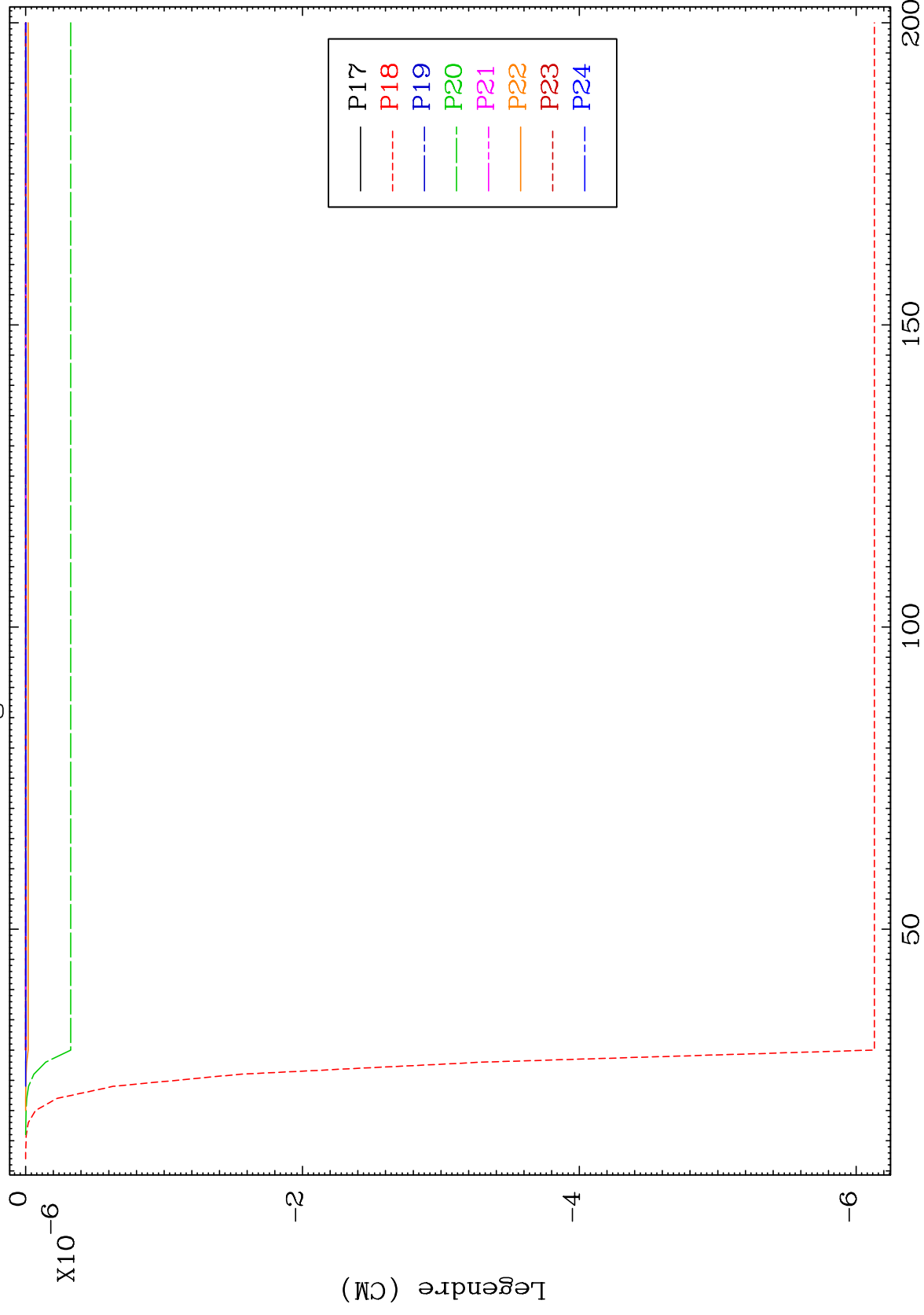
52



MAT 5128

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

51-Sb-122



54

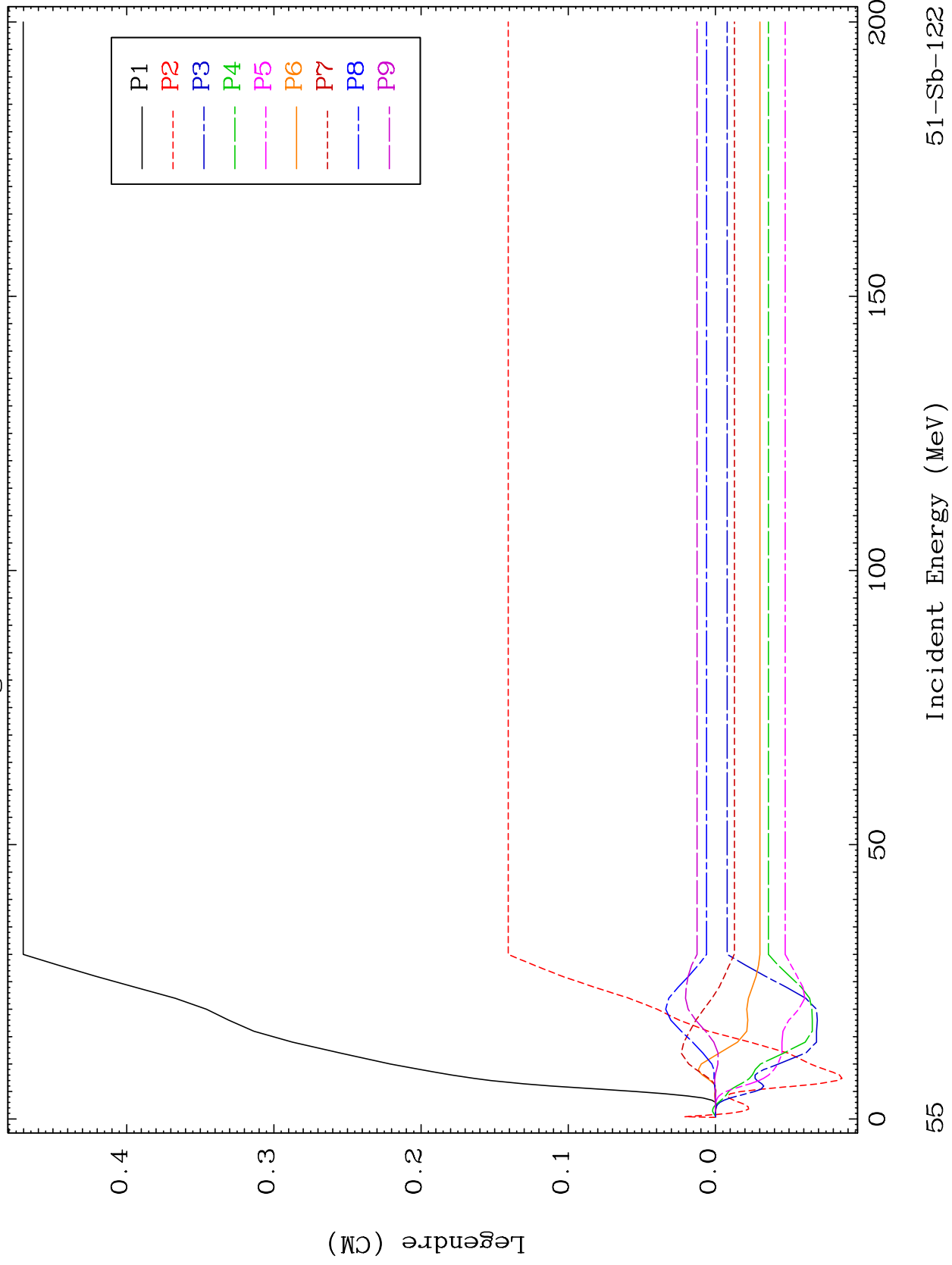
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

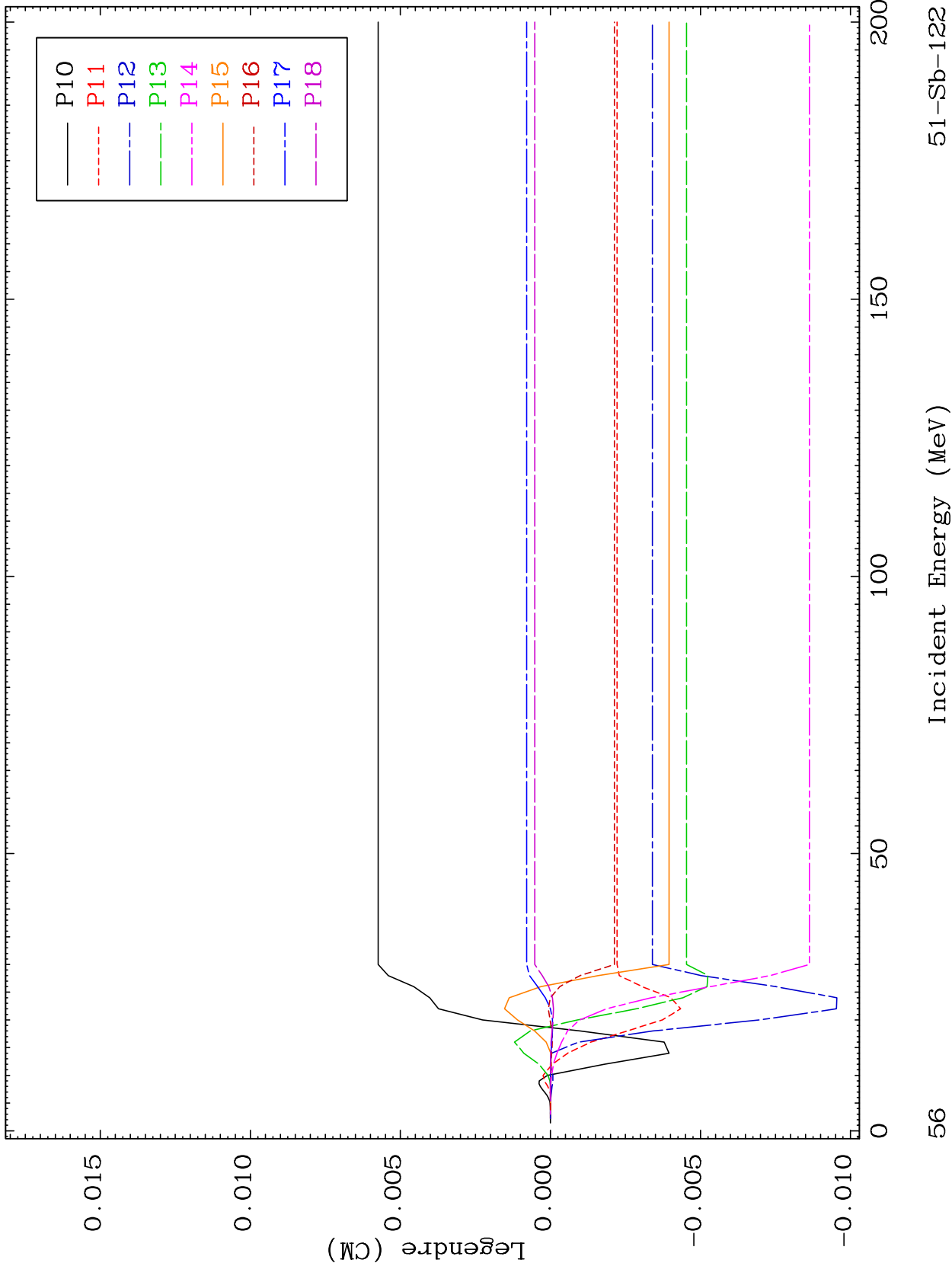
Incident Energy (MeV)

55

MAT 5128

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

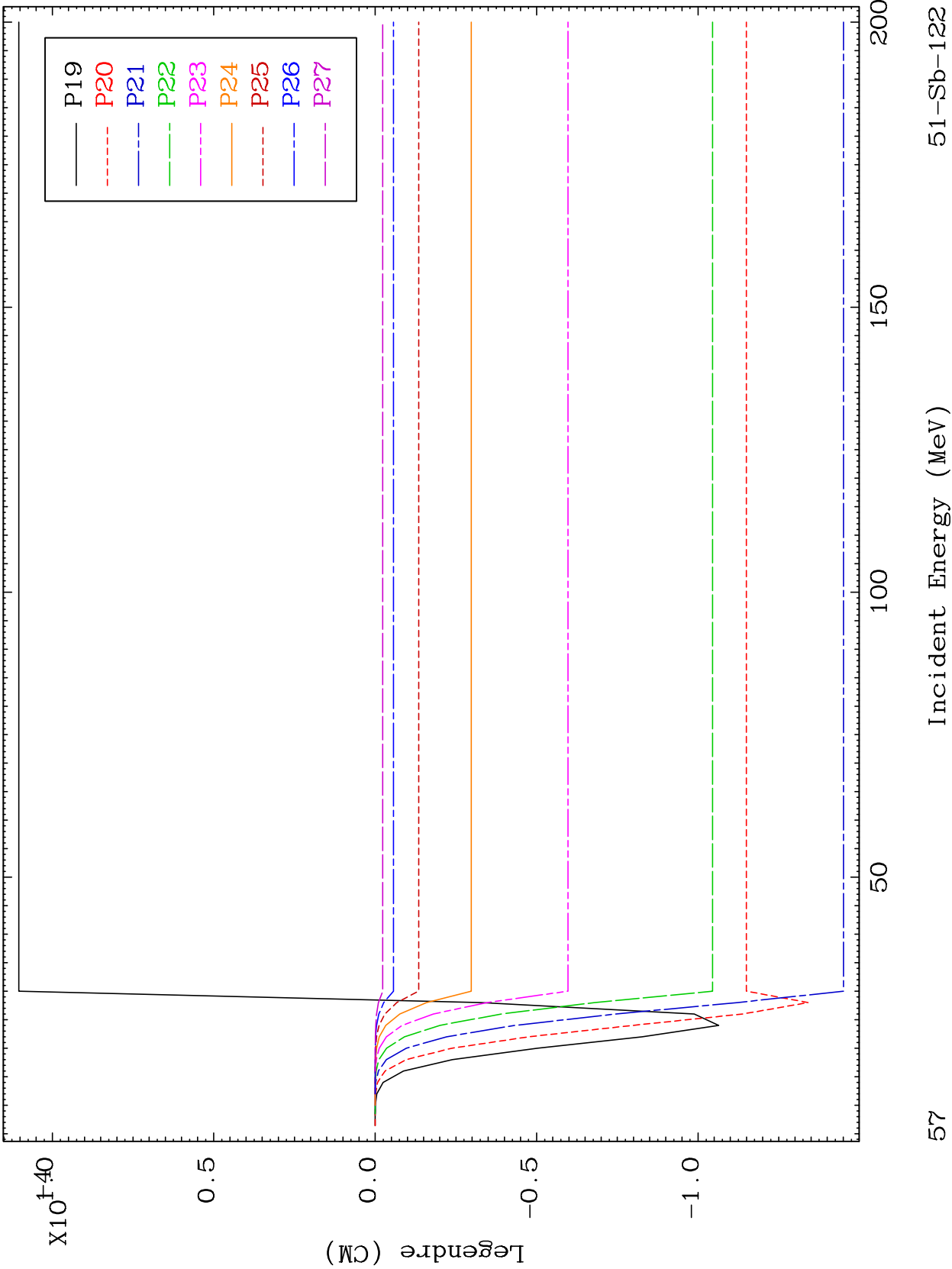
51-Sb-122



56

Incident Energy (MeV)

51-Sb-122

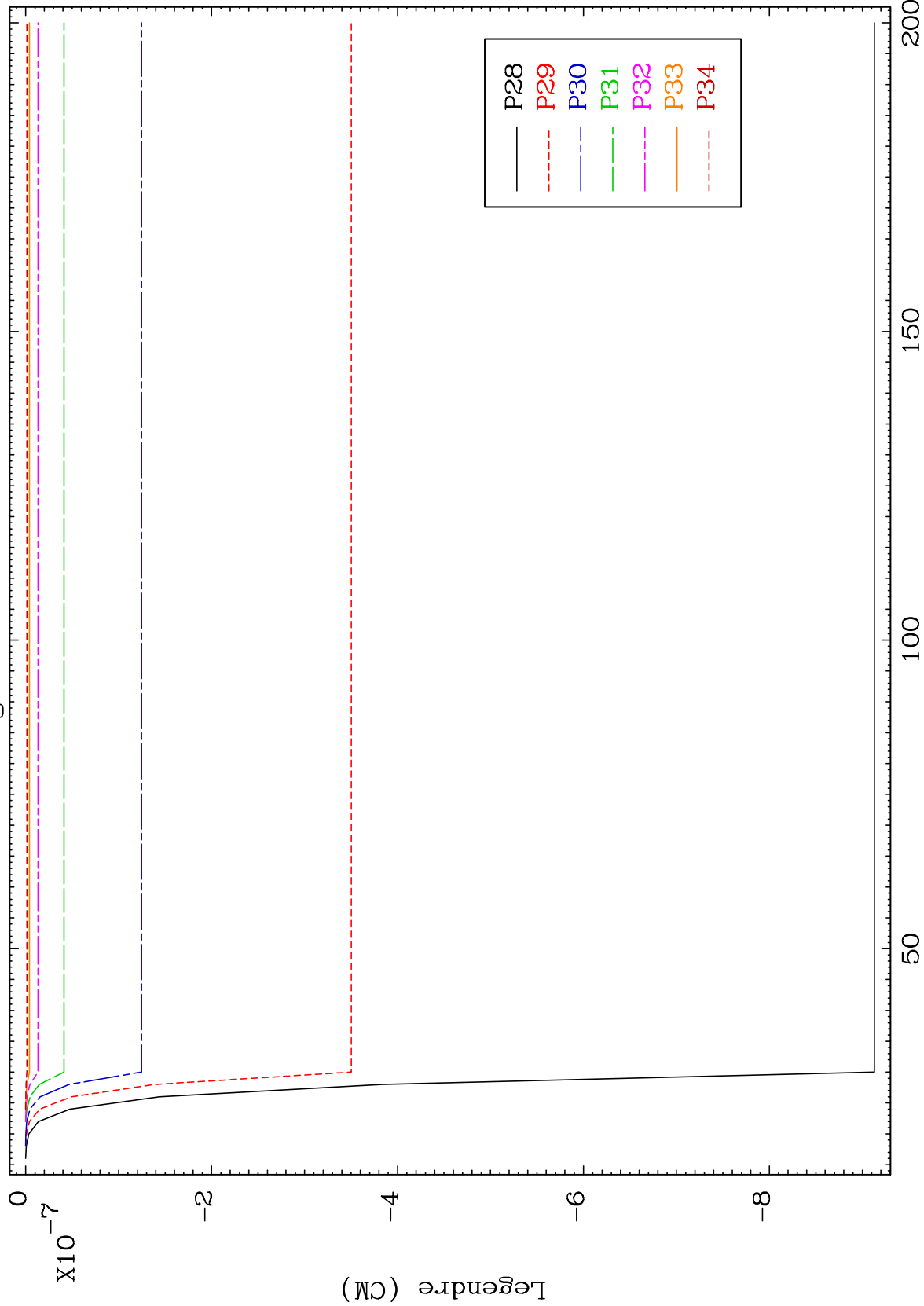


MAT 5128

MT= 61 (n,n') Level

51-Sb-122

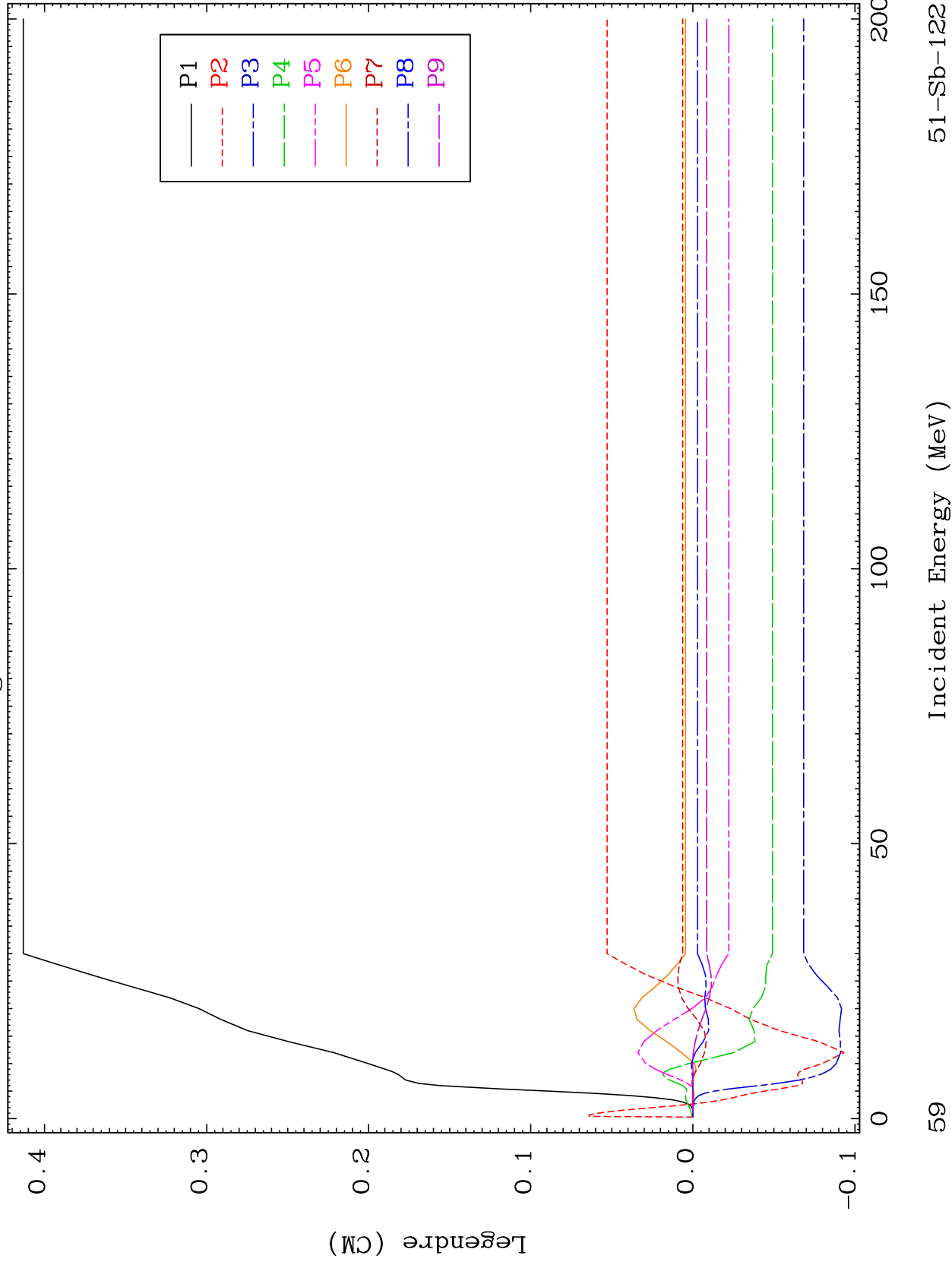
Legendre Coefficients



58

Incident Energy (MeV)

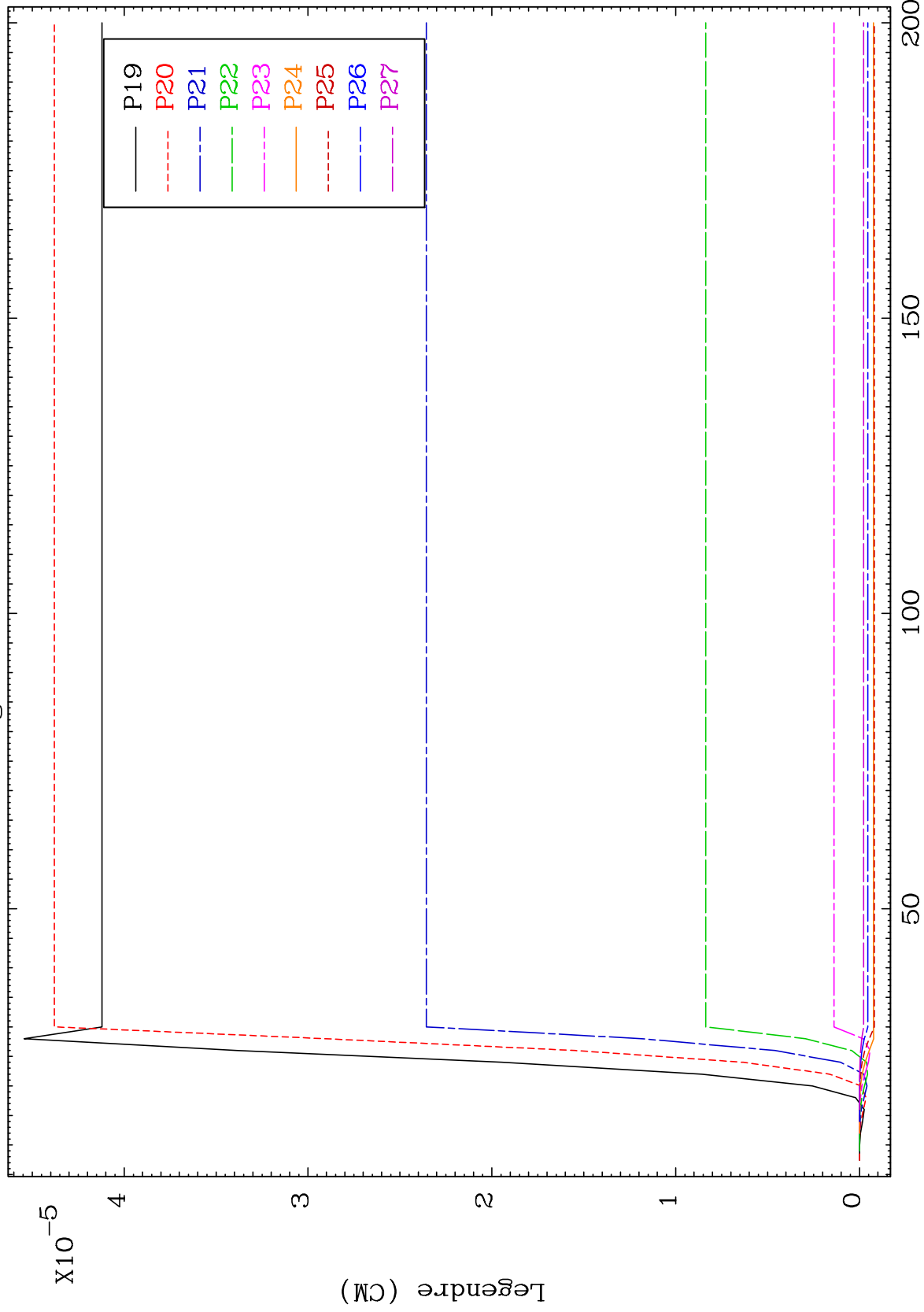
51-Sb-122



MAT 5128

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

51-Sb-122



61

Incident Energy (MeV)

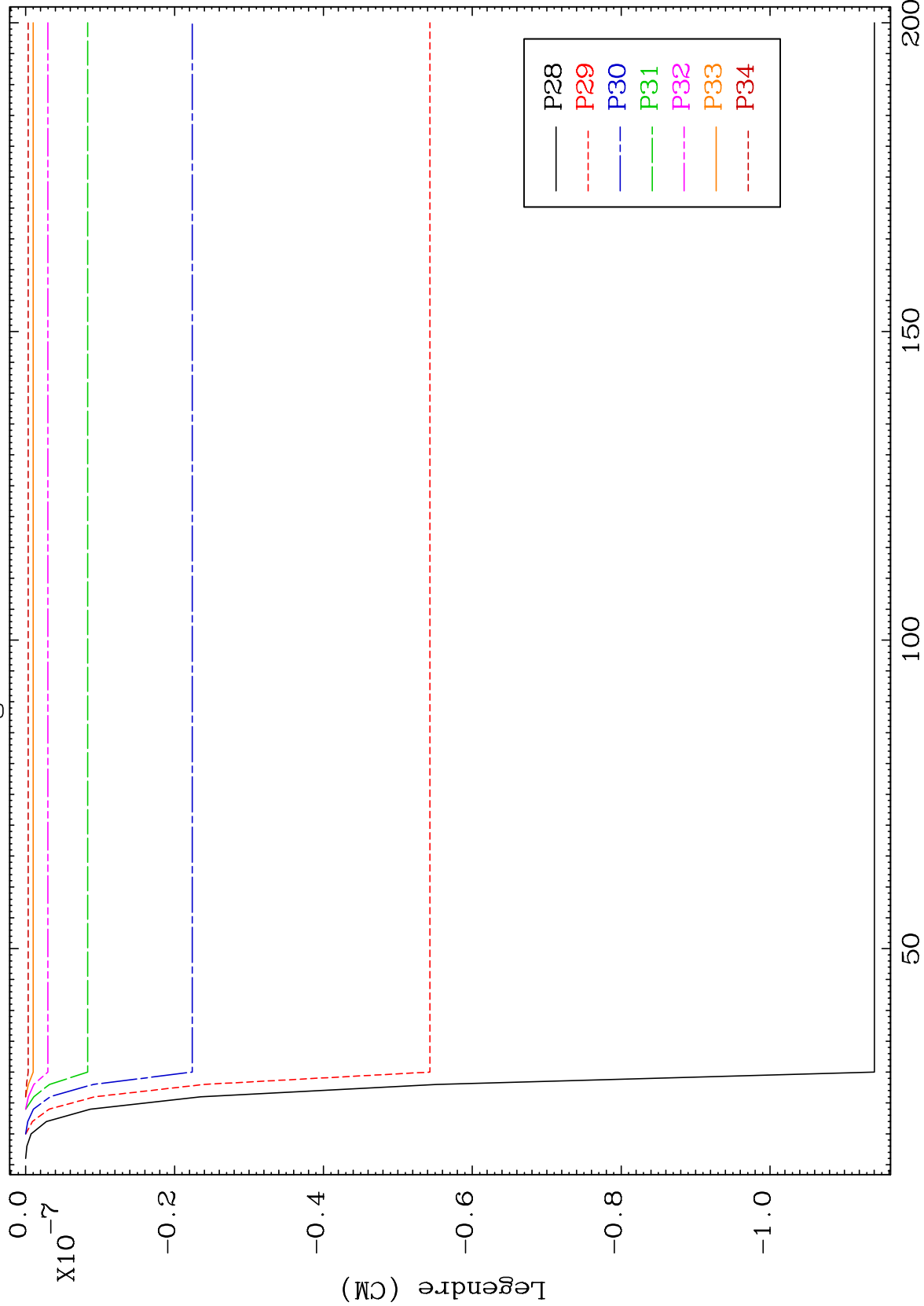
51-Sb-122

MAT 5128

MT= 62 (n,n') Level

51-Sb-122

Legendre Coefficients



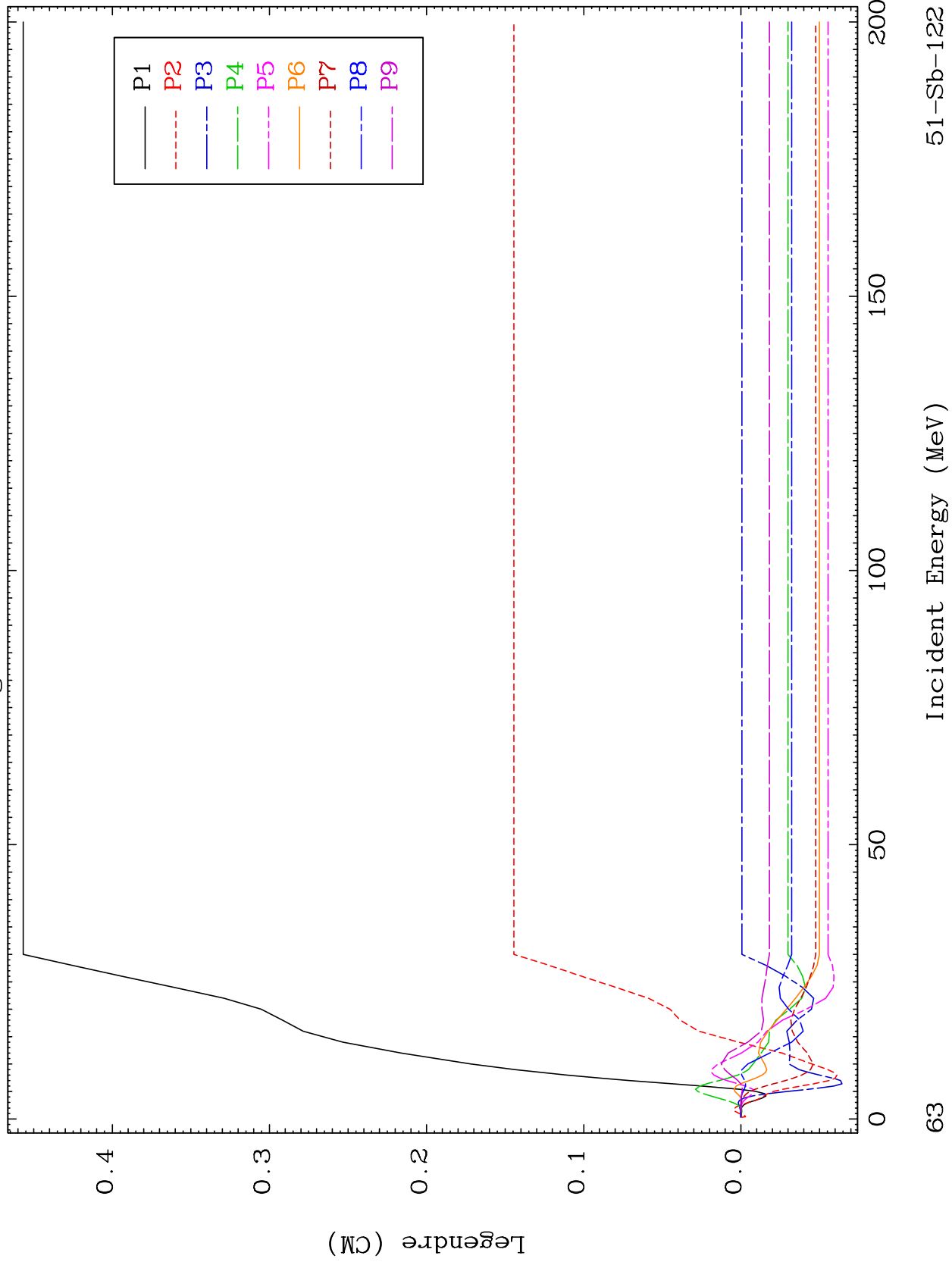
62

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

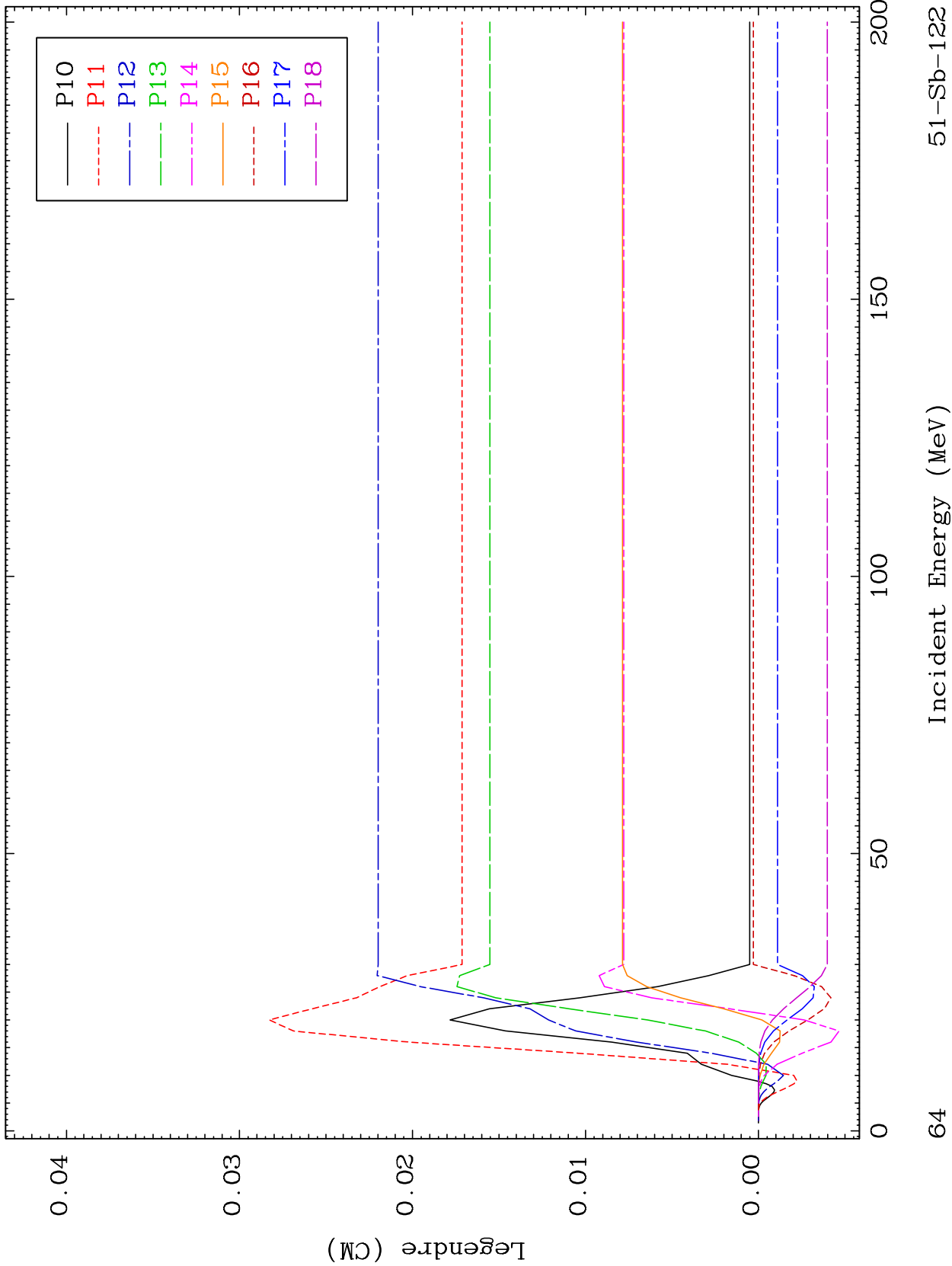
Incident Energy (MeV)

63

MAT 5128

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

51-Sb-122



51-Sb-122

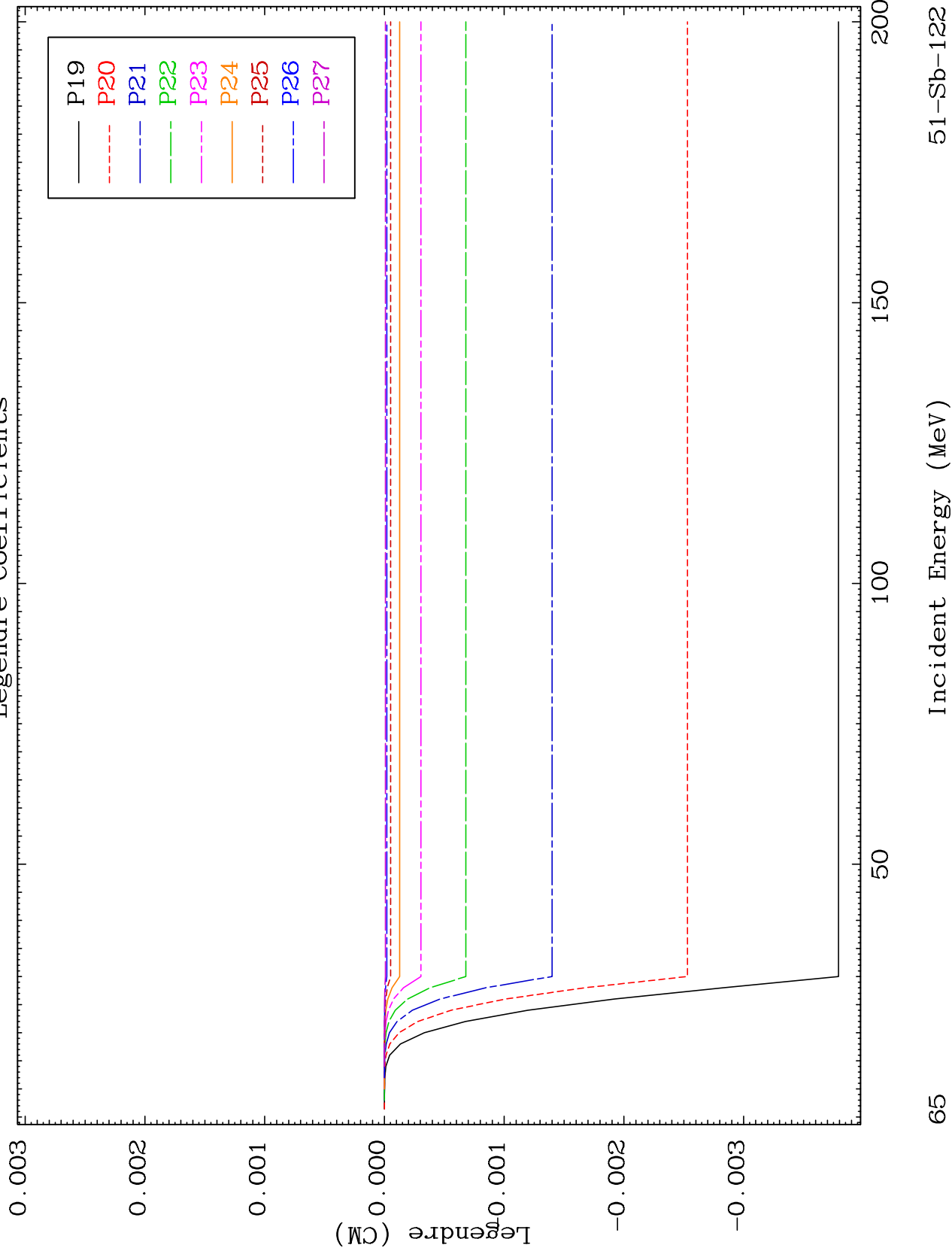
Incident Energy (MeV)

64

MAT 5128

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

51-Sb-122



65

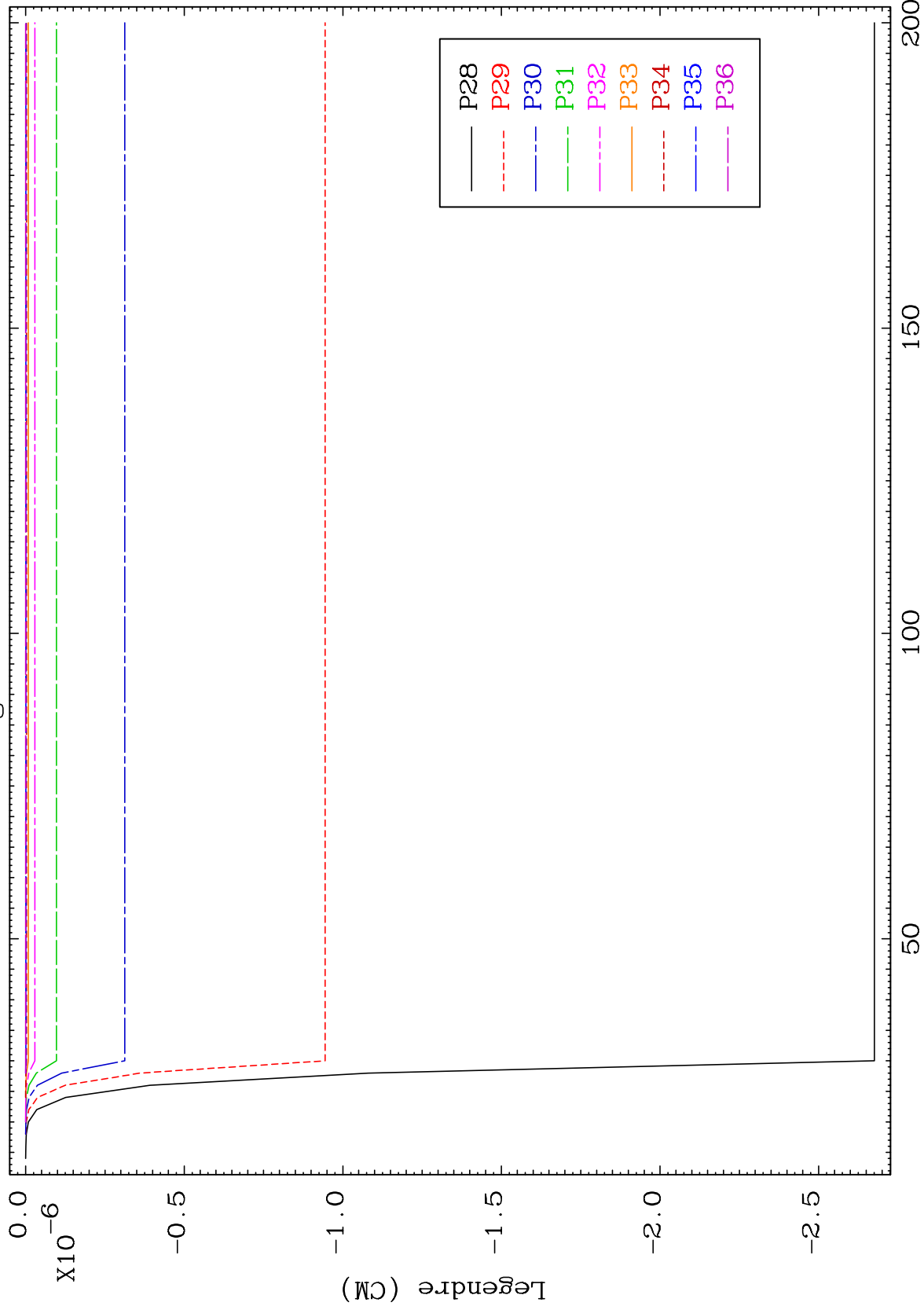
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



66

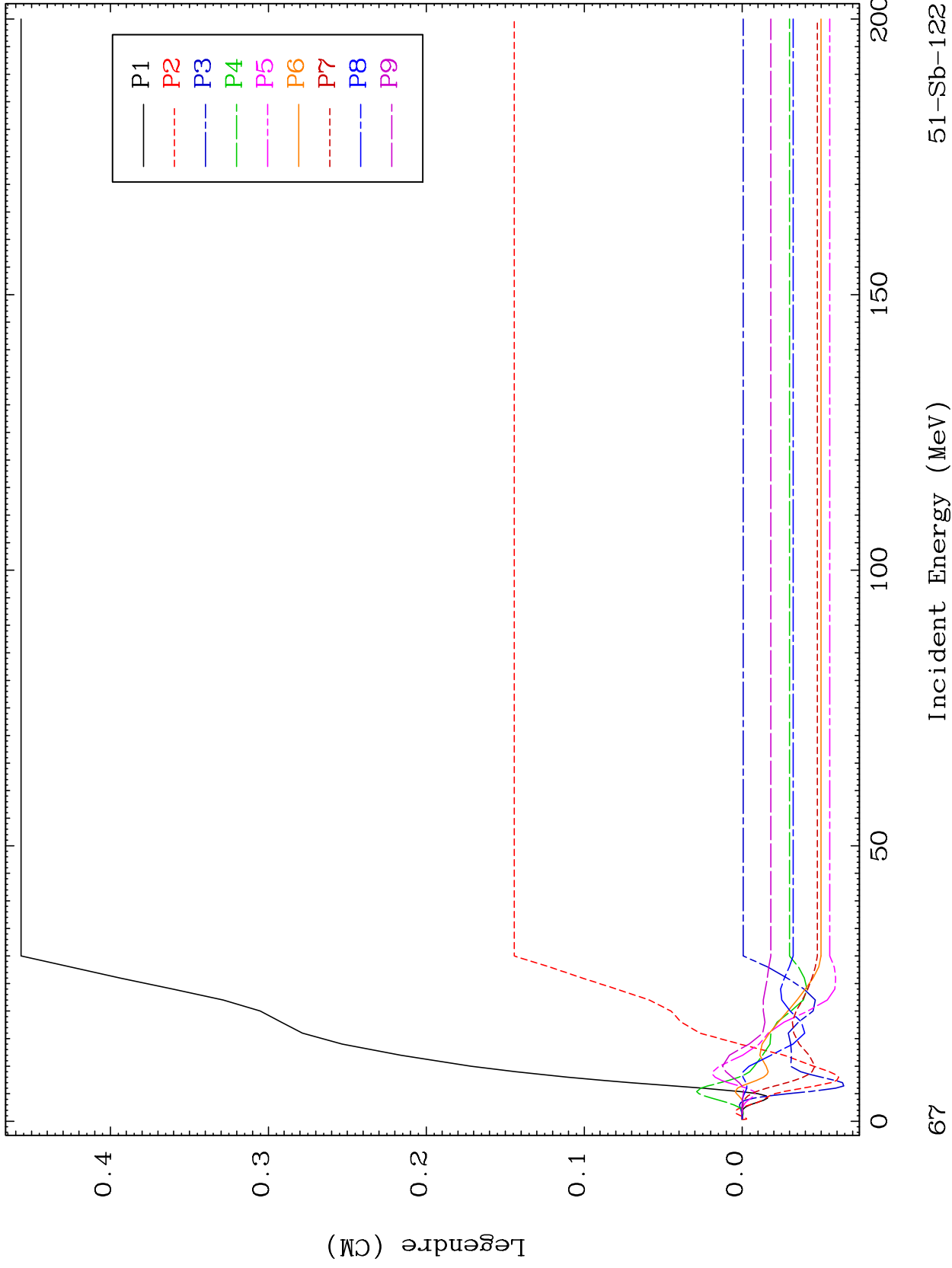
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



67

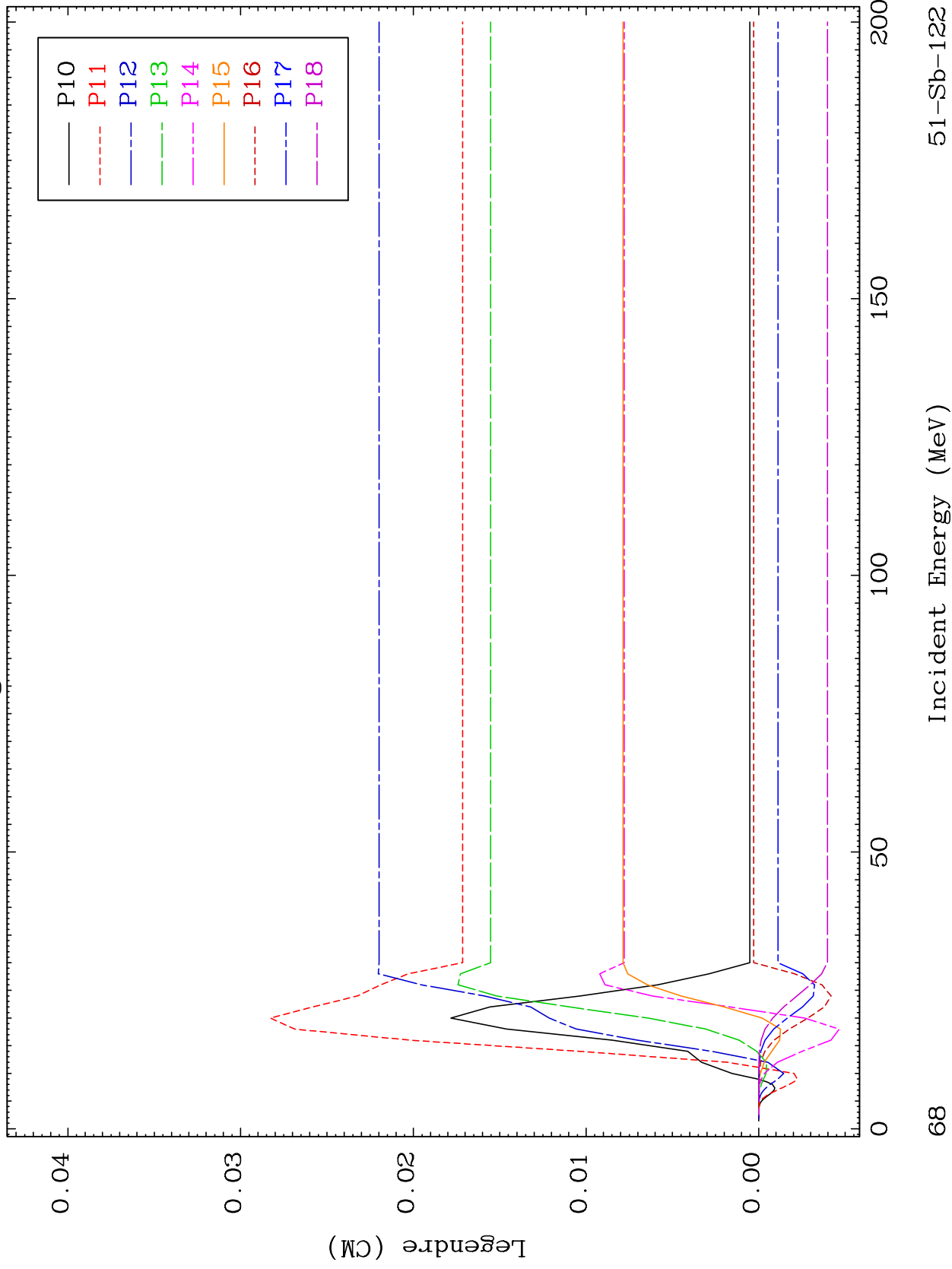
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

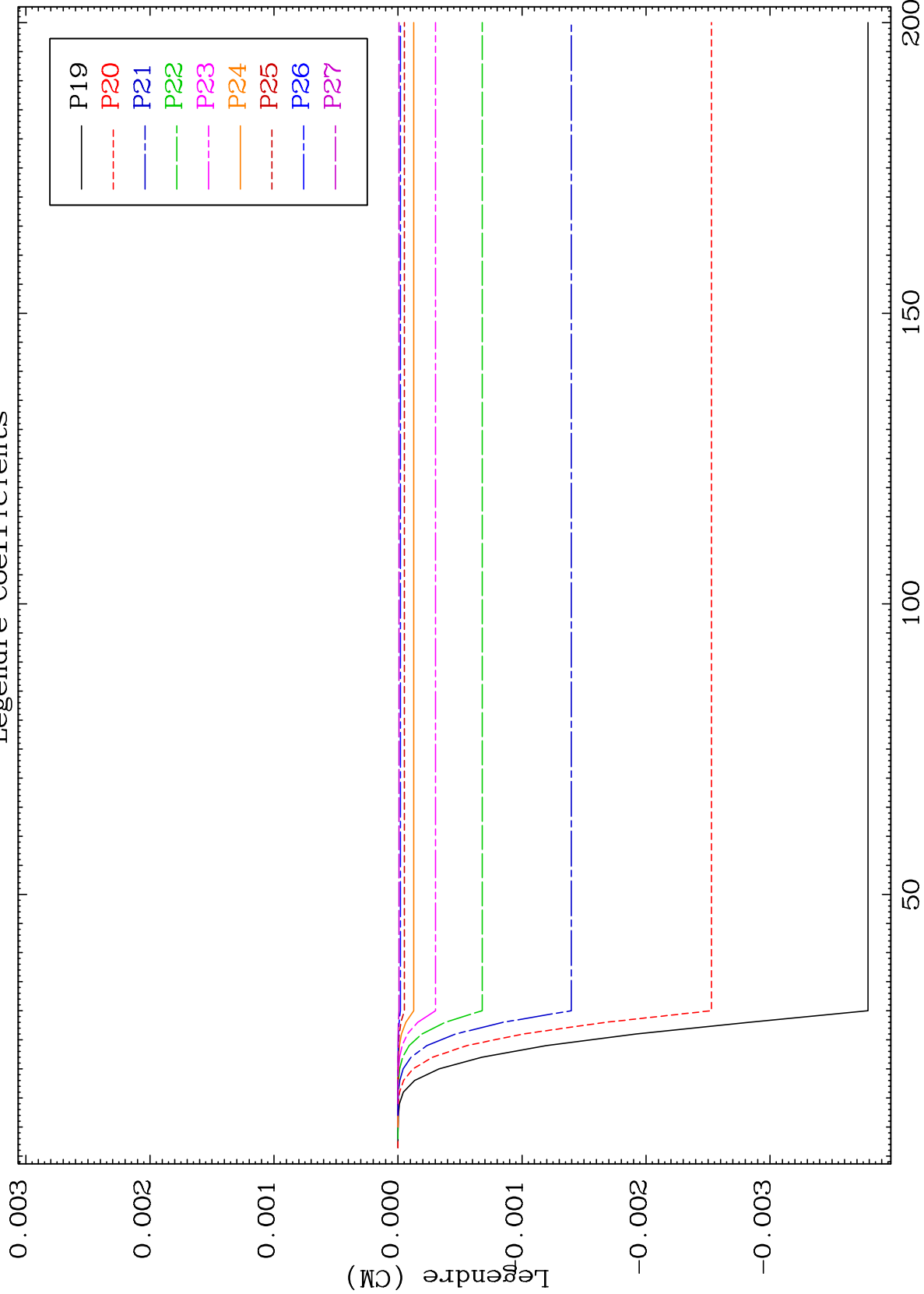
51-Sb-122



MAT 5128

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

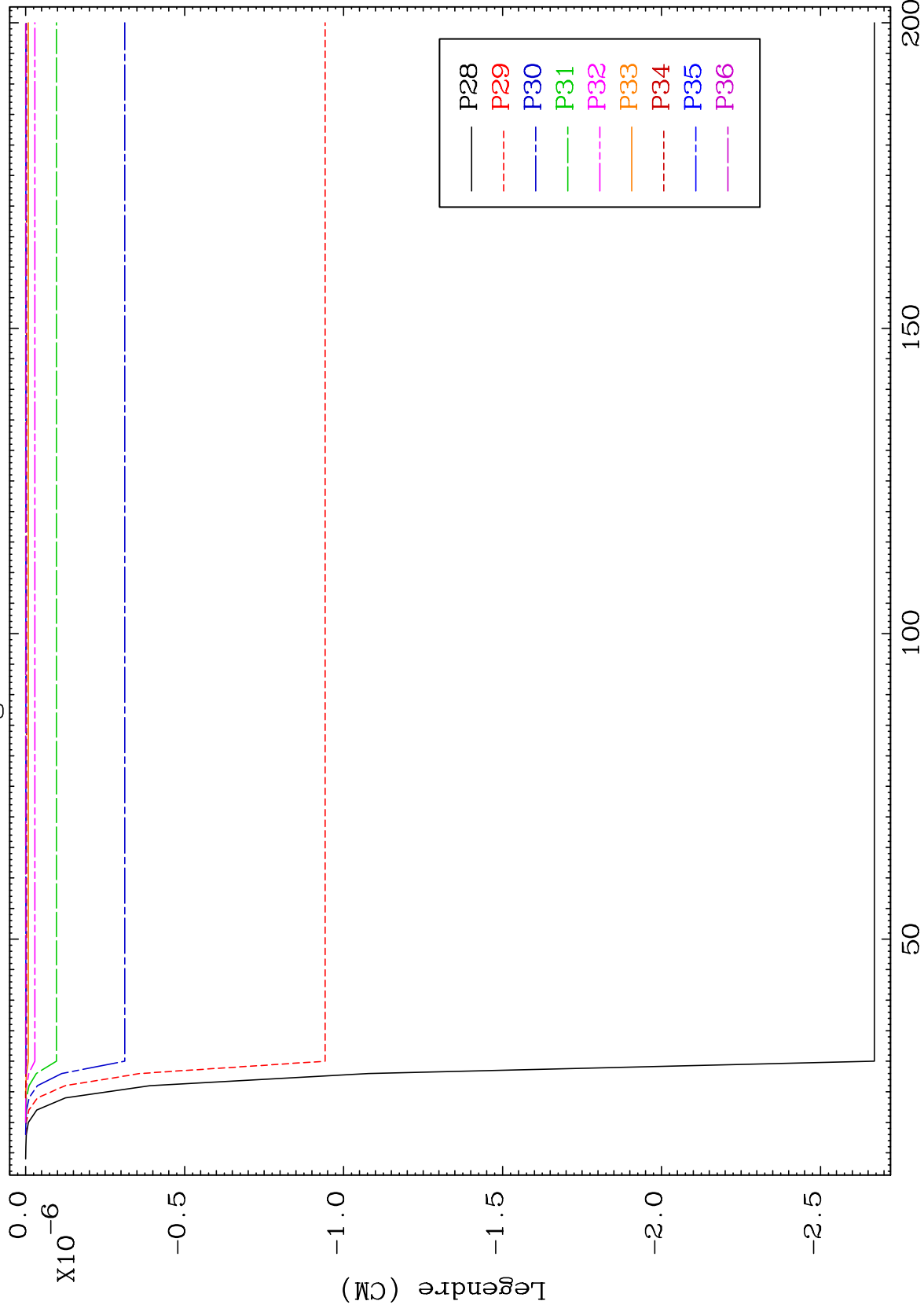
51-Sb-122



MAT 5128

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

51-Sb-122



70

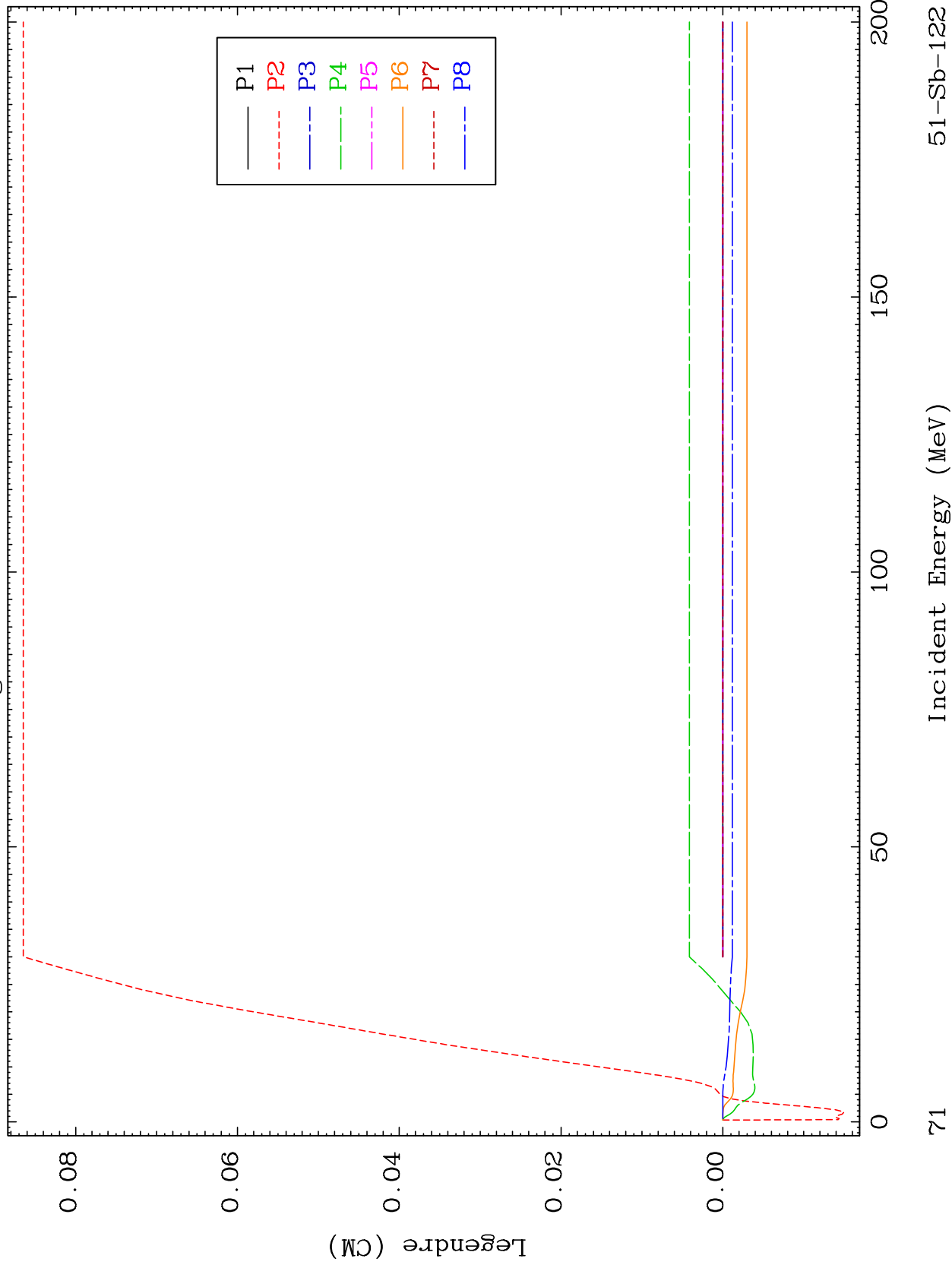
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



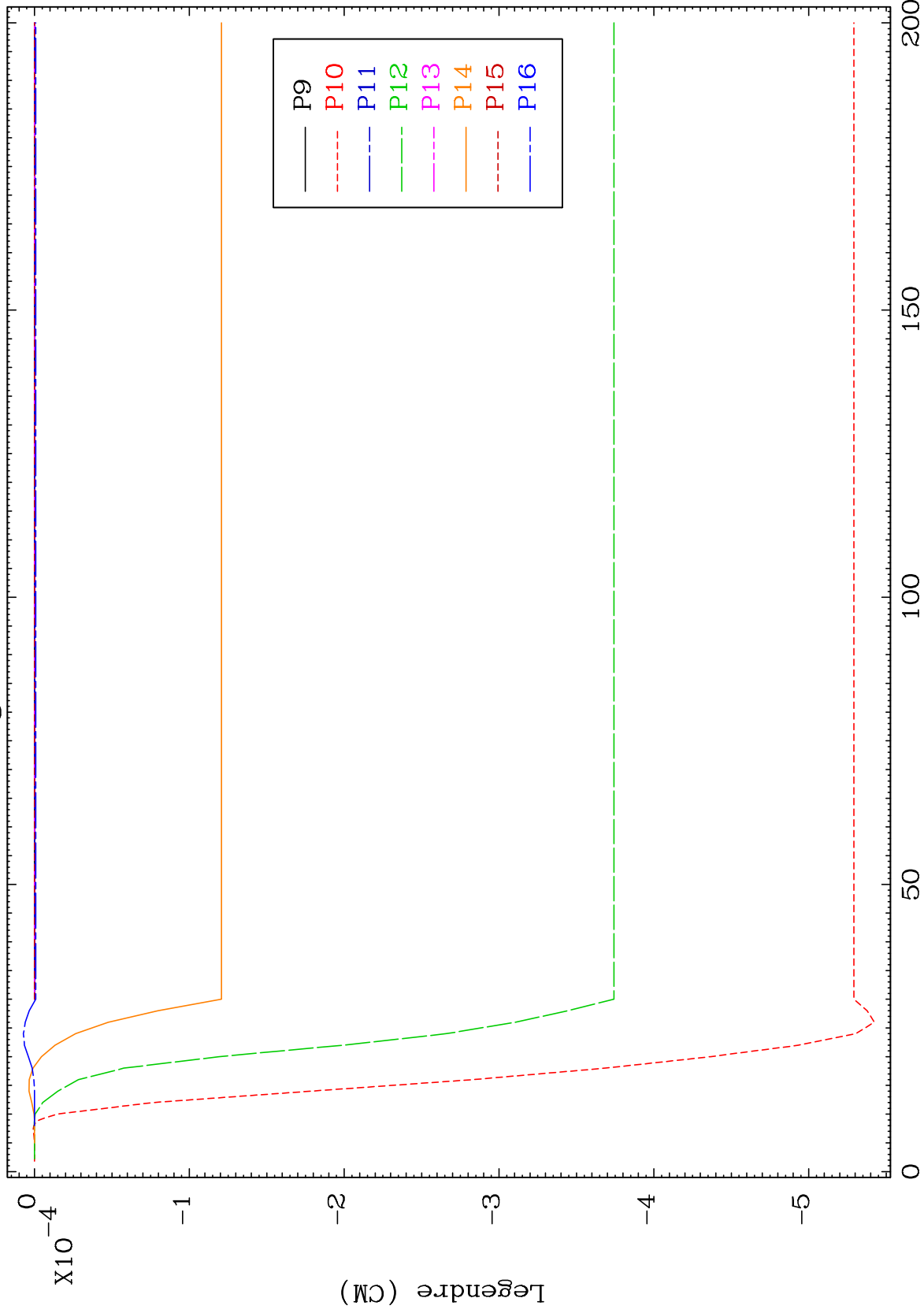
51-Sb-122

71

MAT 5128

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

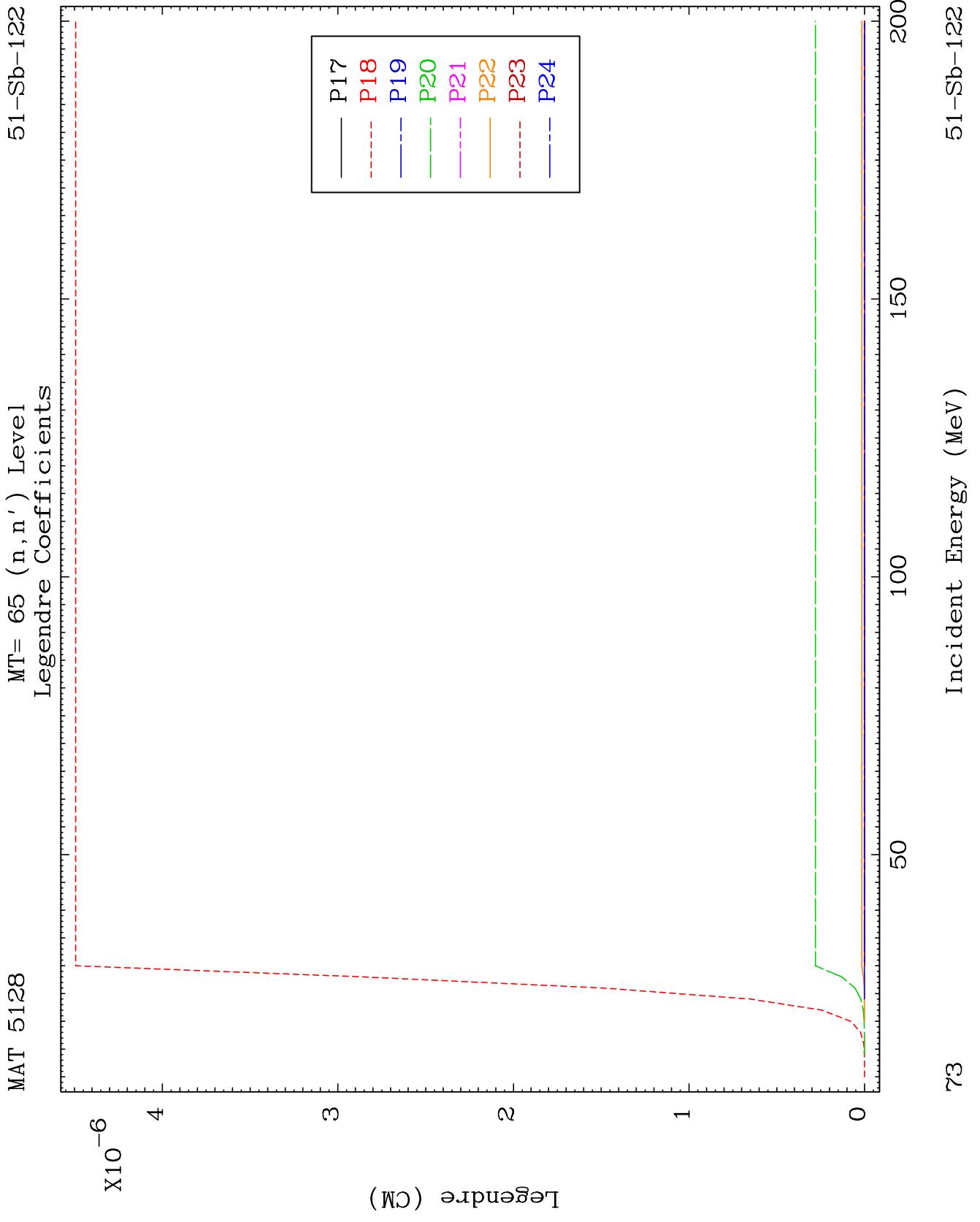
51-Sb-122



72

Incident Energy (MeV)

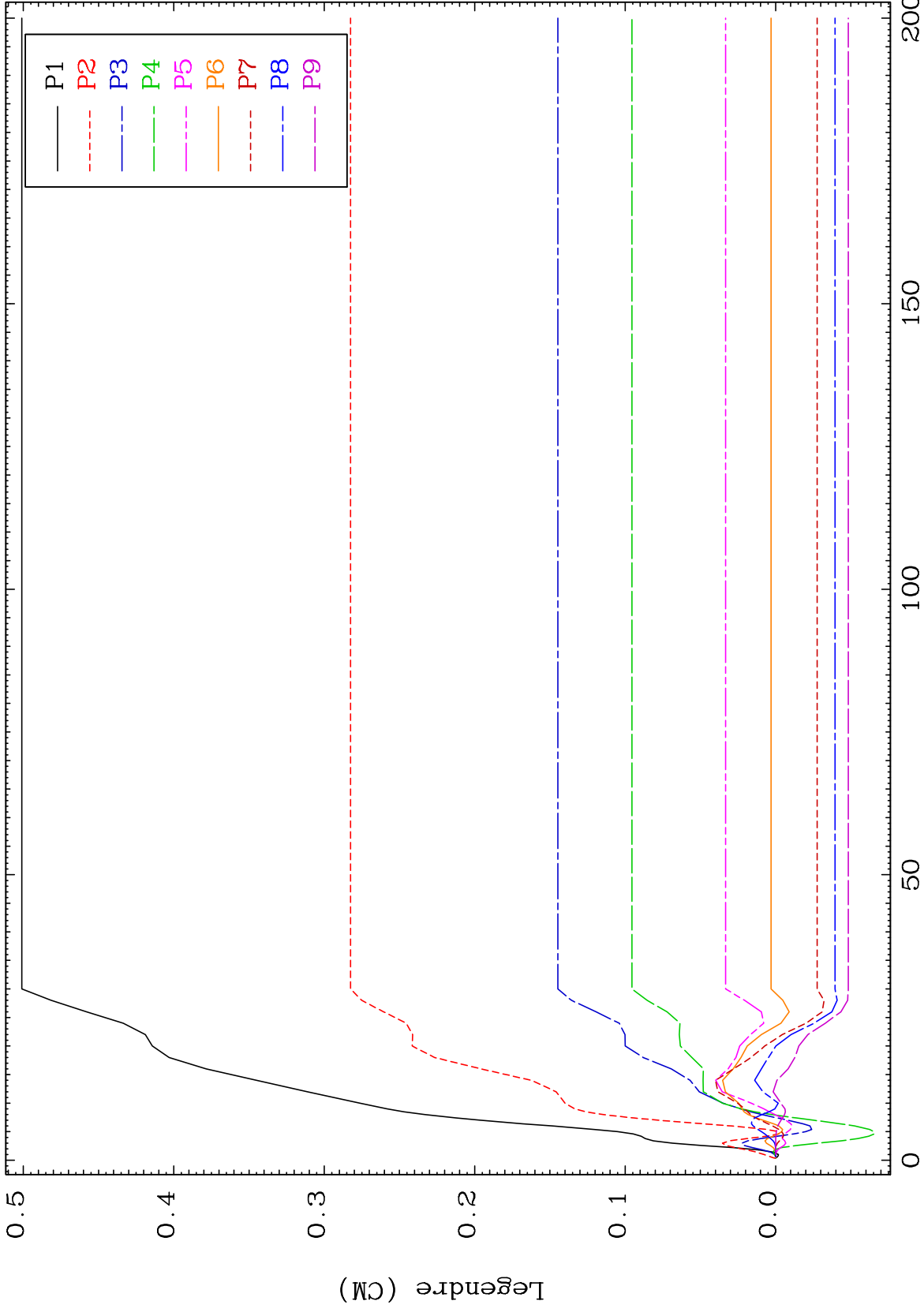
51-Sb-122



MAT 5128

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

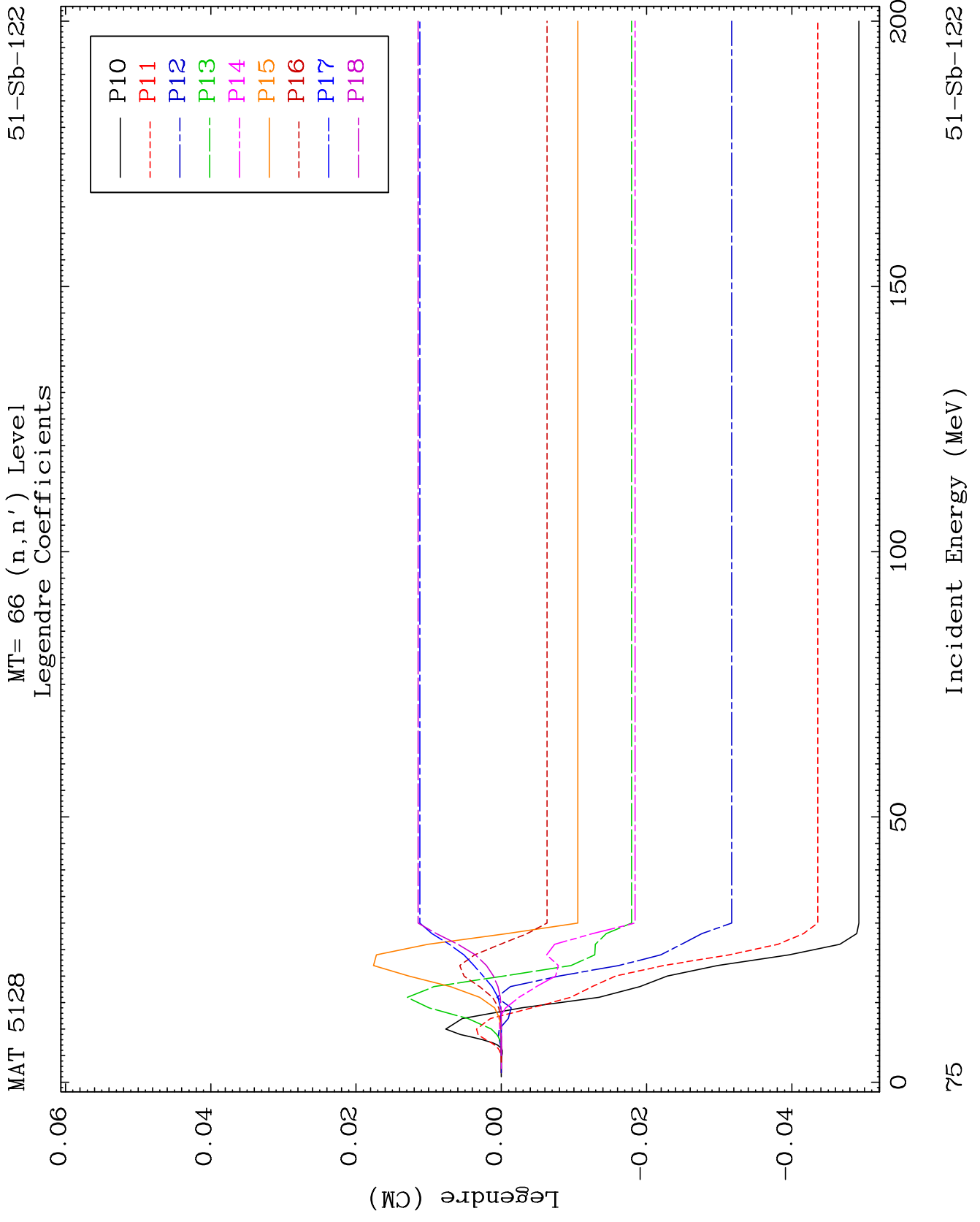
51-Sb-122

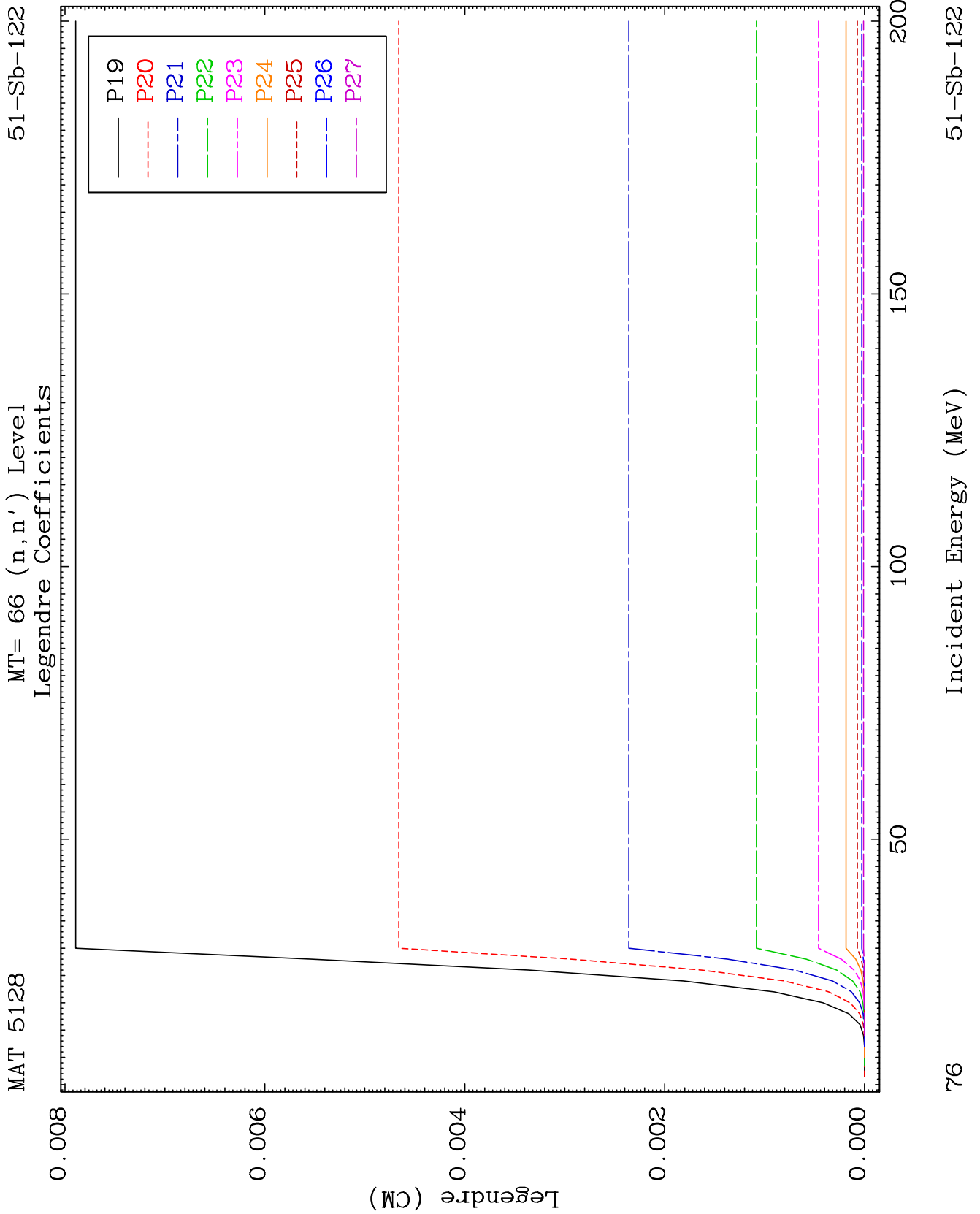


74

Incident Energy (MeV)

51-Sb-122

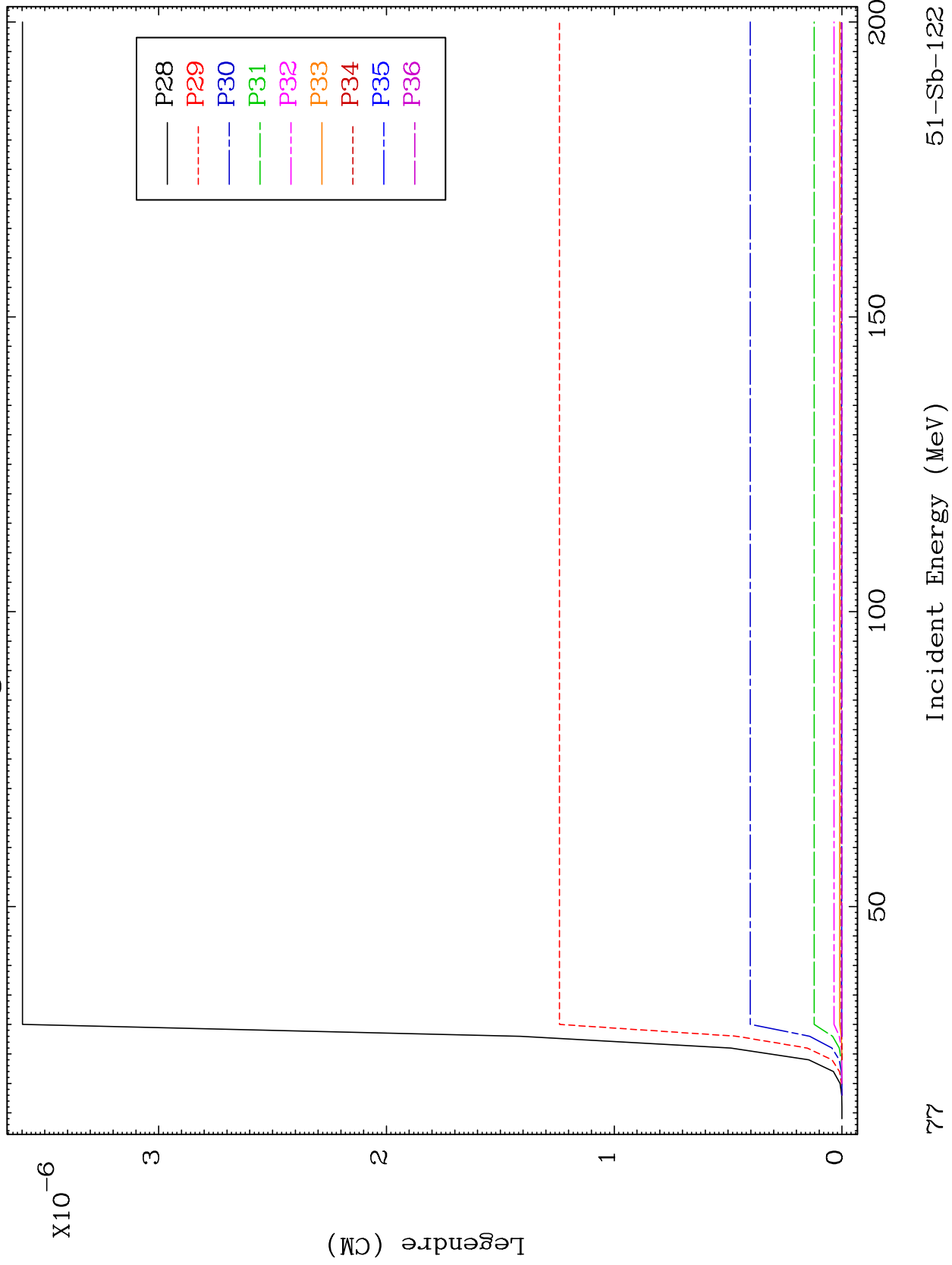




MAT 5128

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

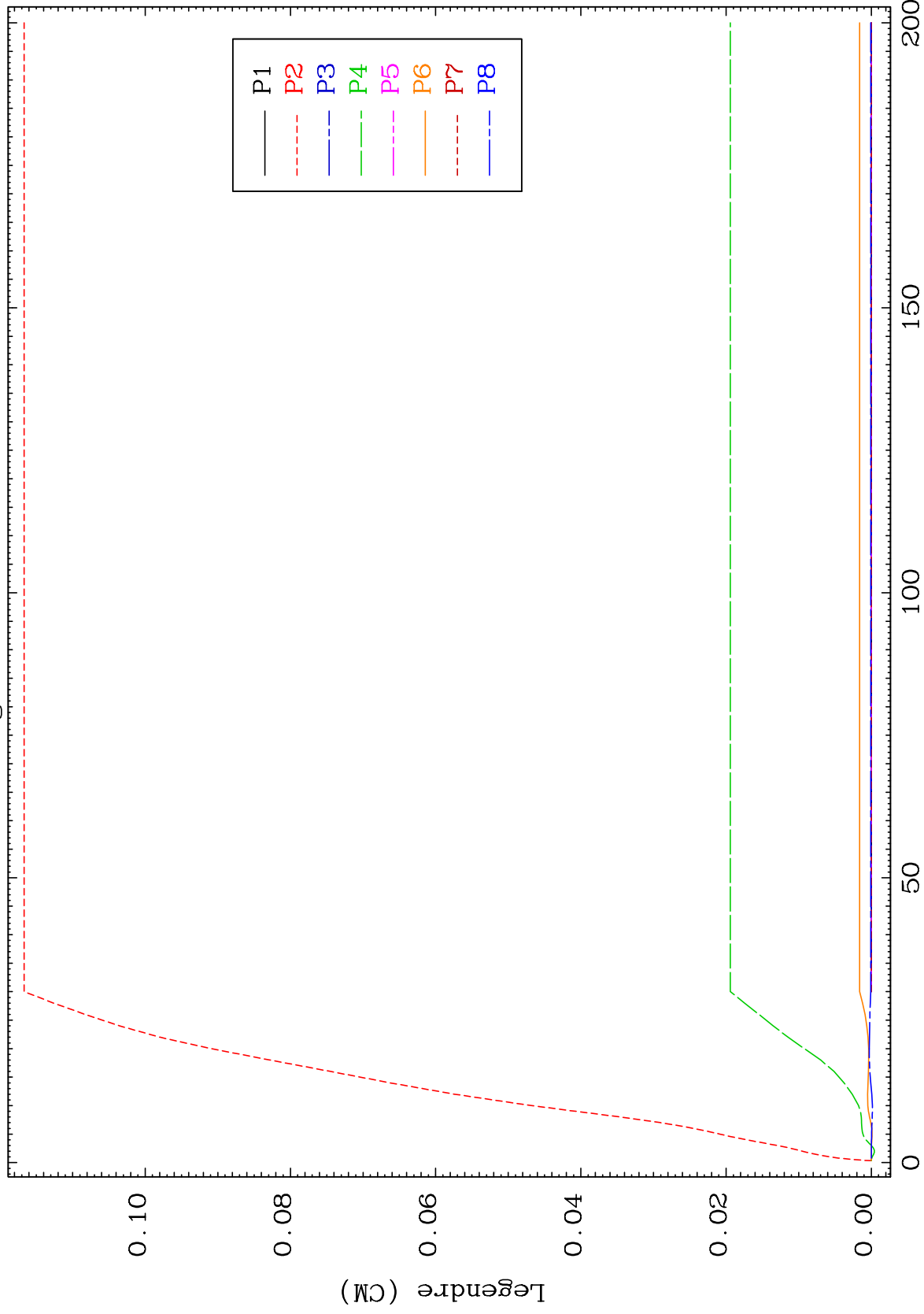
51-Sb-122



MAT 5128

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

51-Sb-122



78

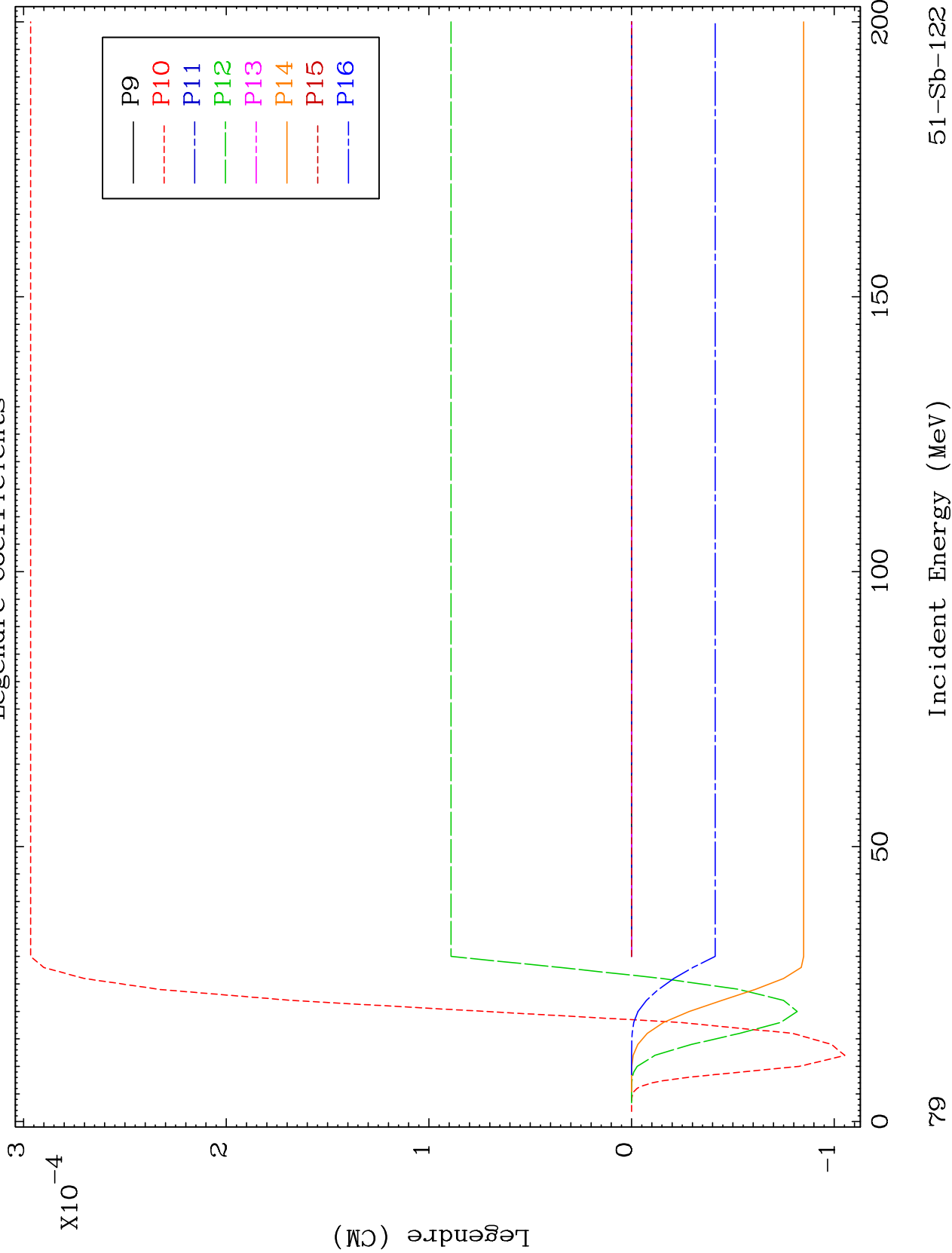
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



79

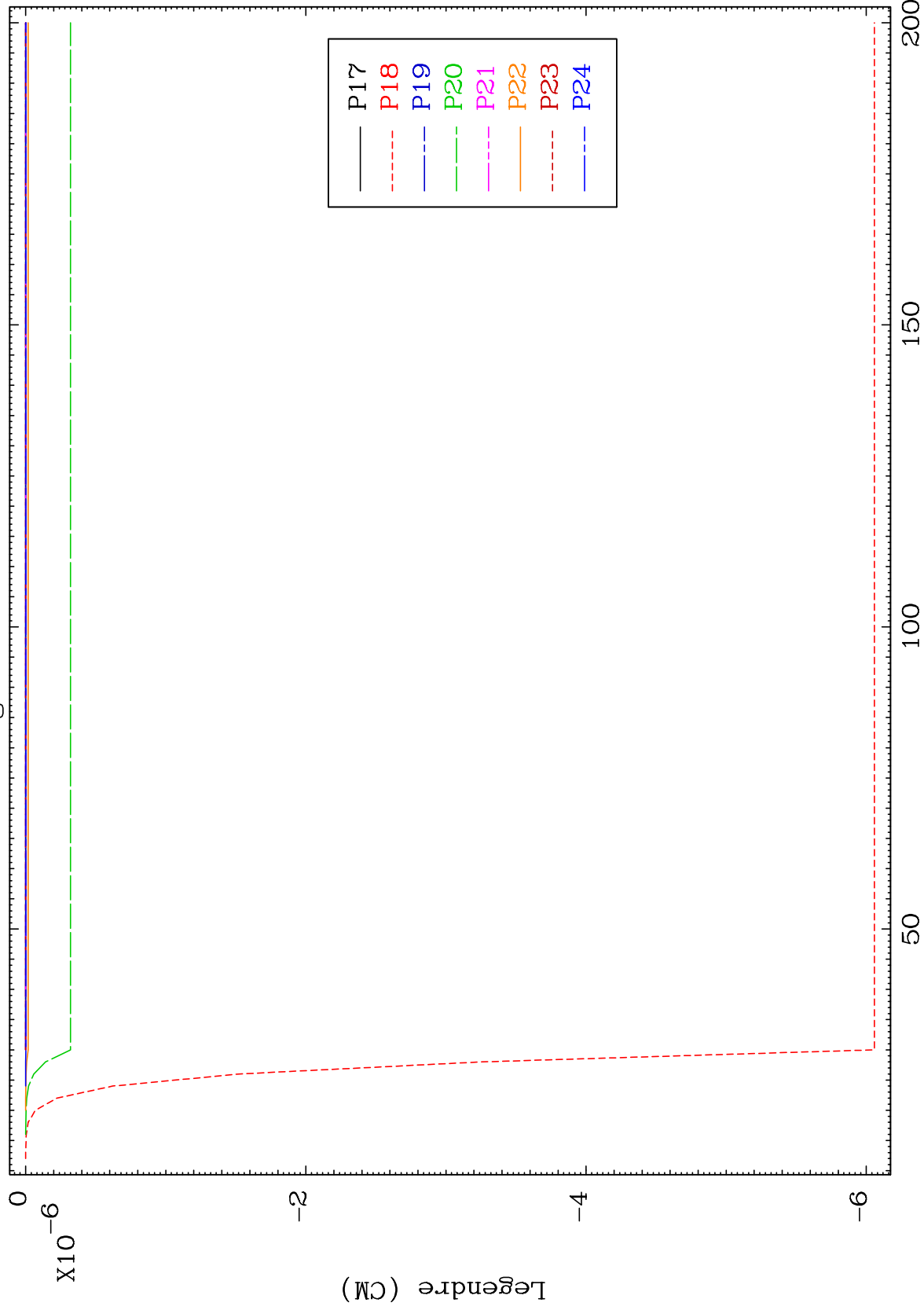
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



80

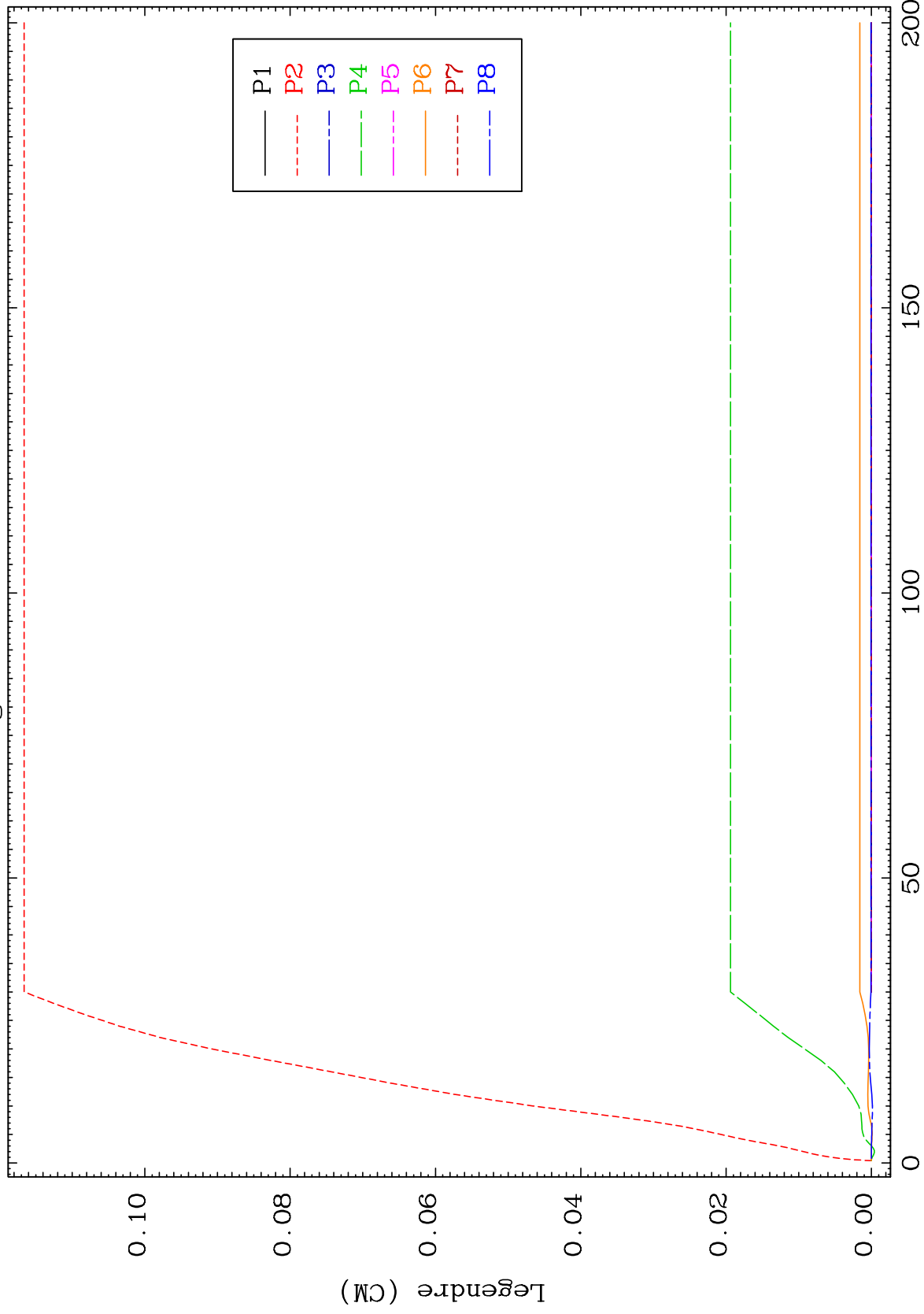
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



81

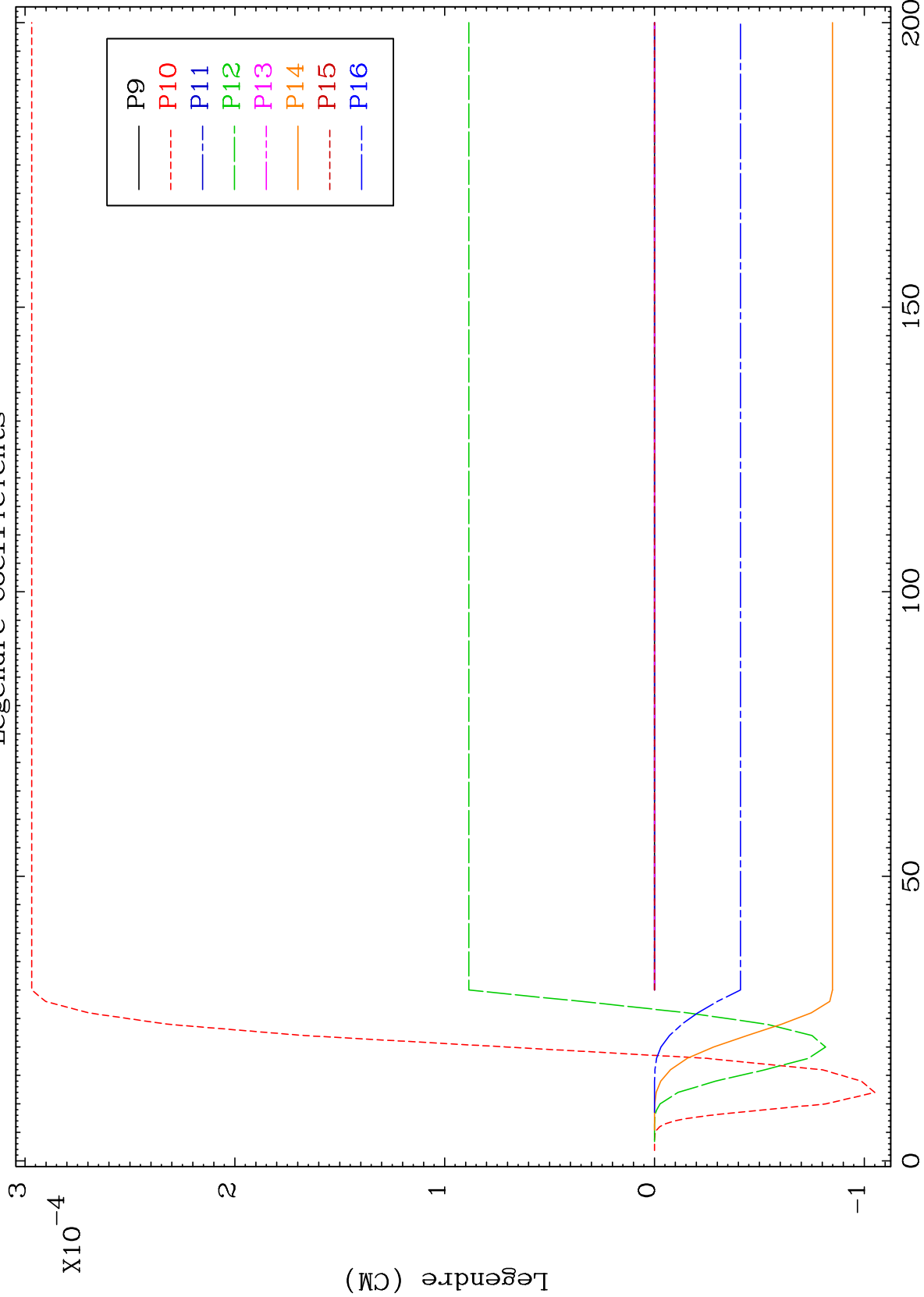
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



82

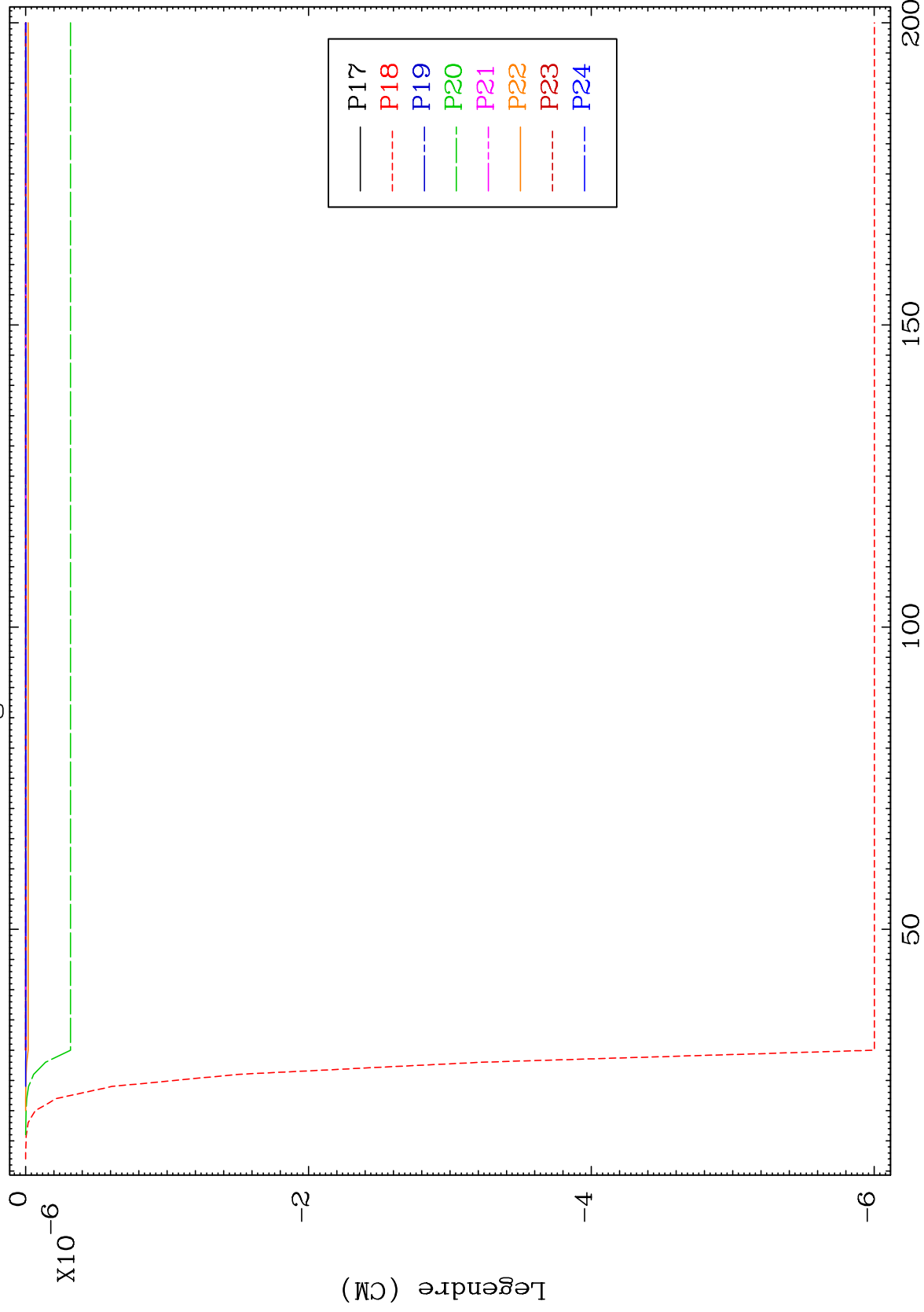
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



83

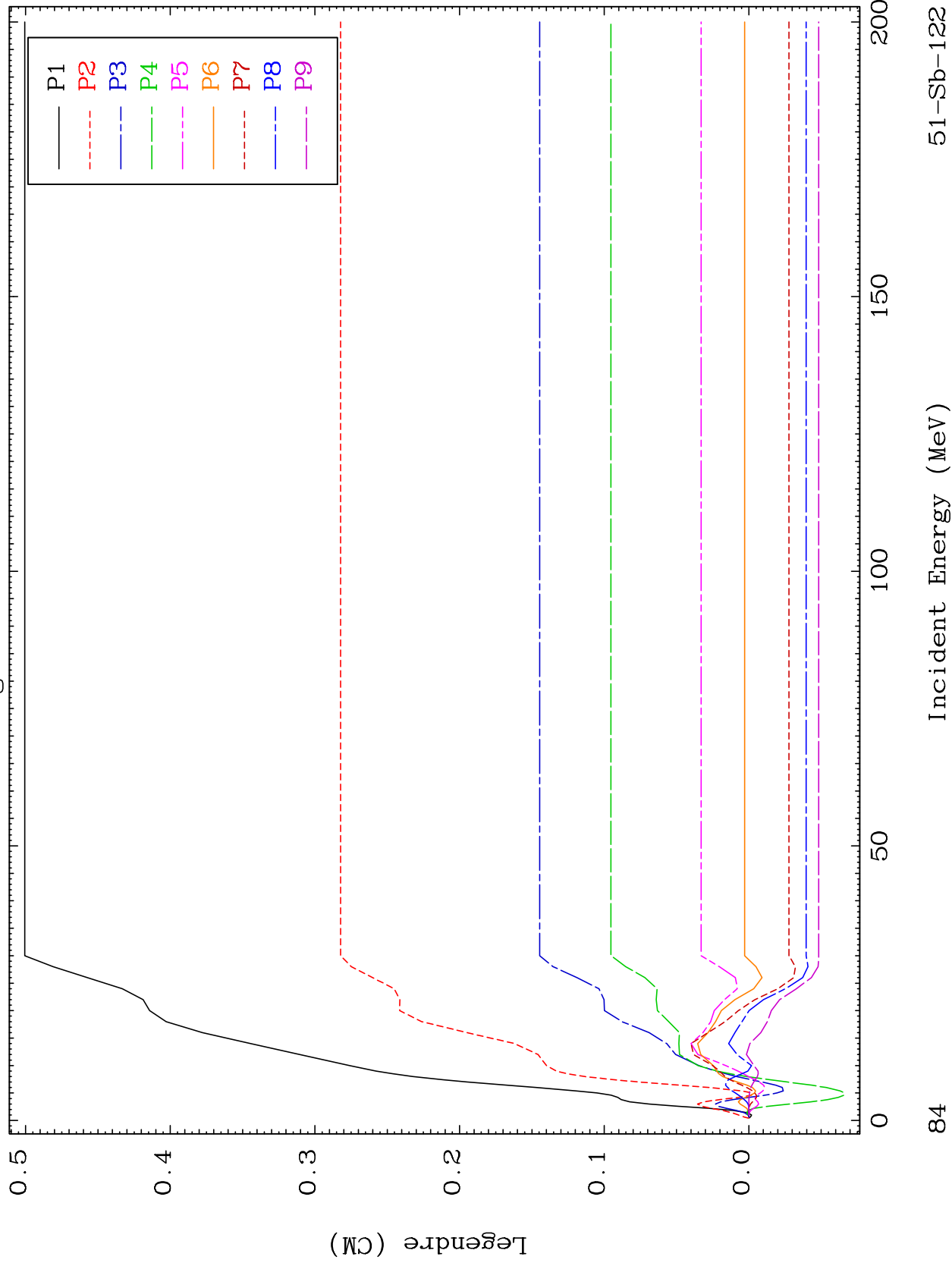
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

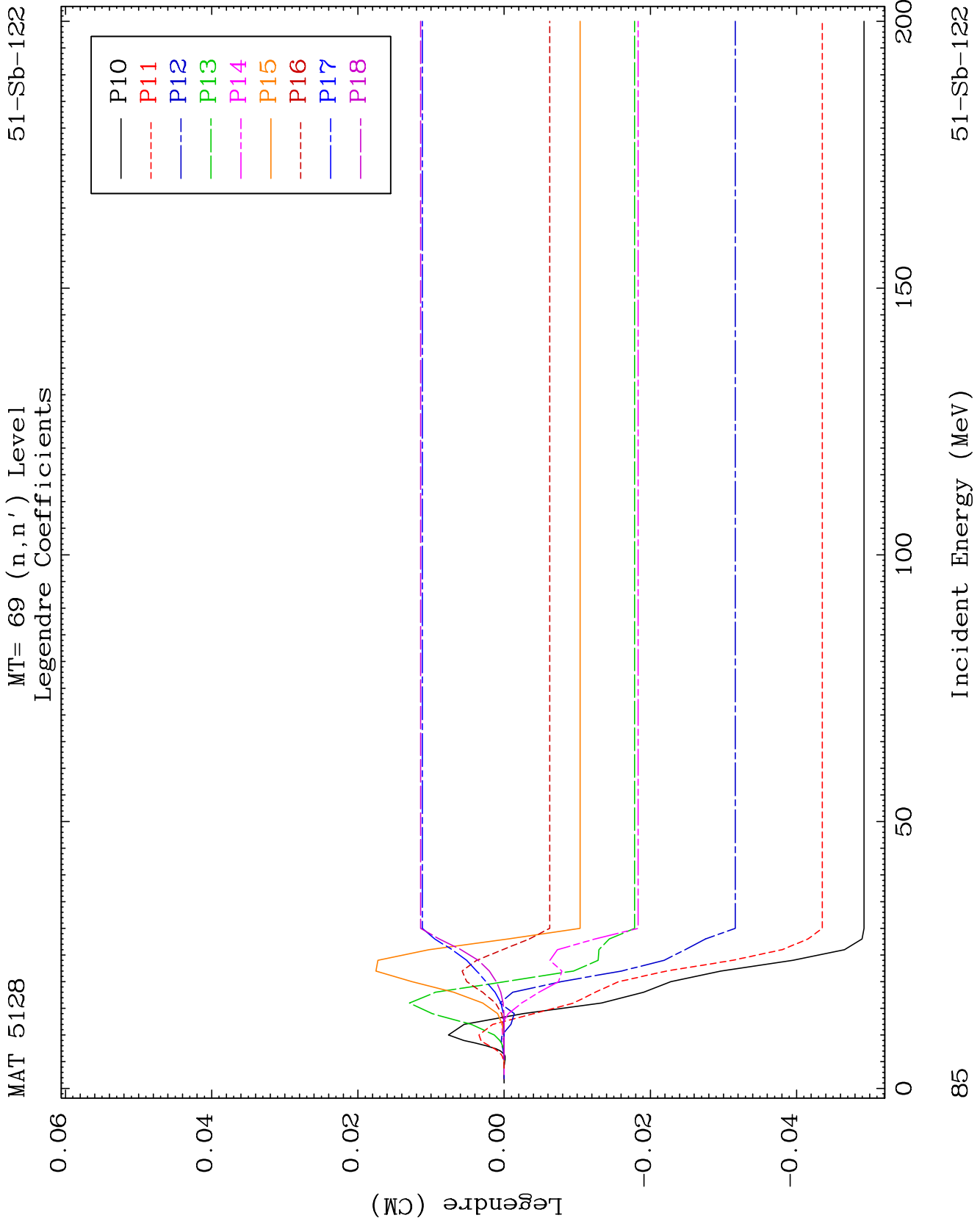
51-Sb-122

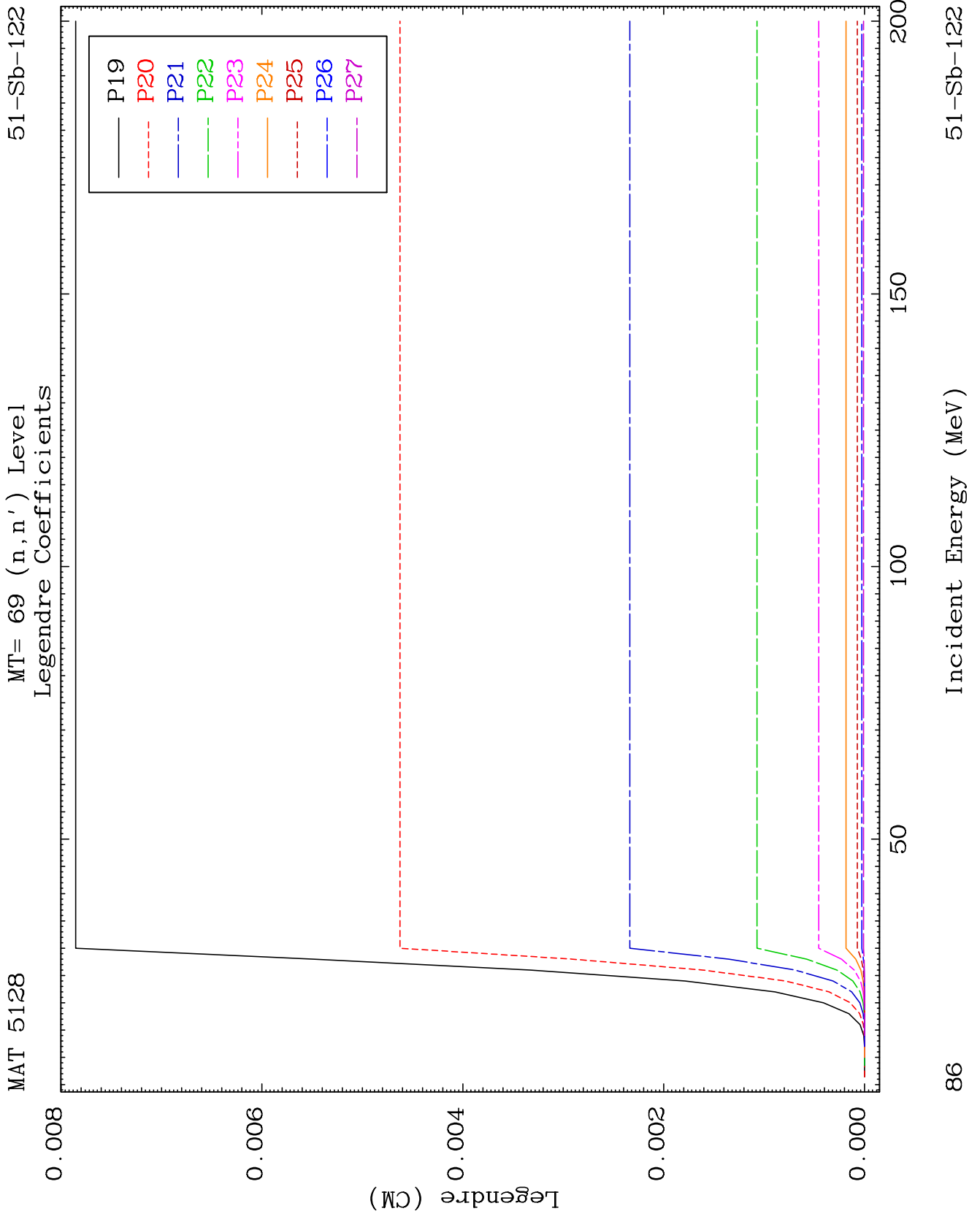


84

Incident Energy (MeV)

51-Sb-122

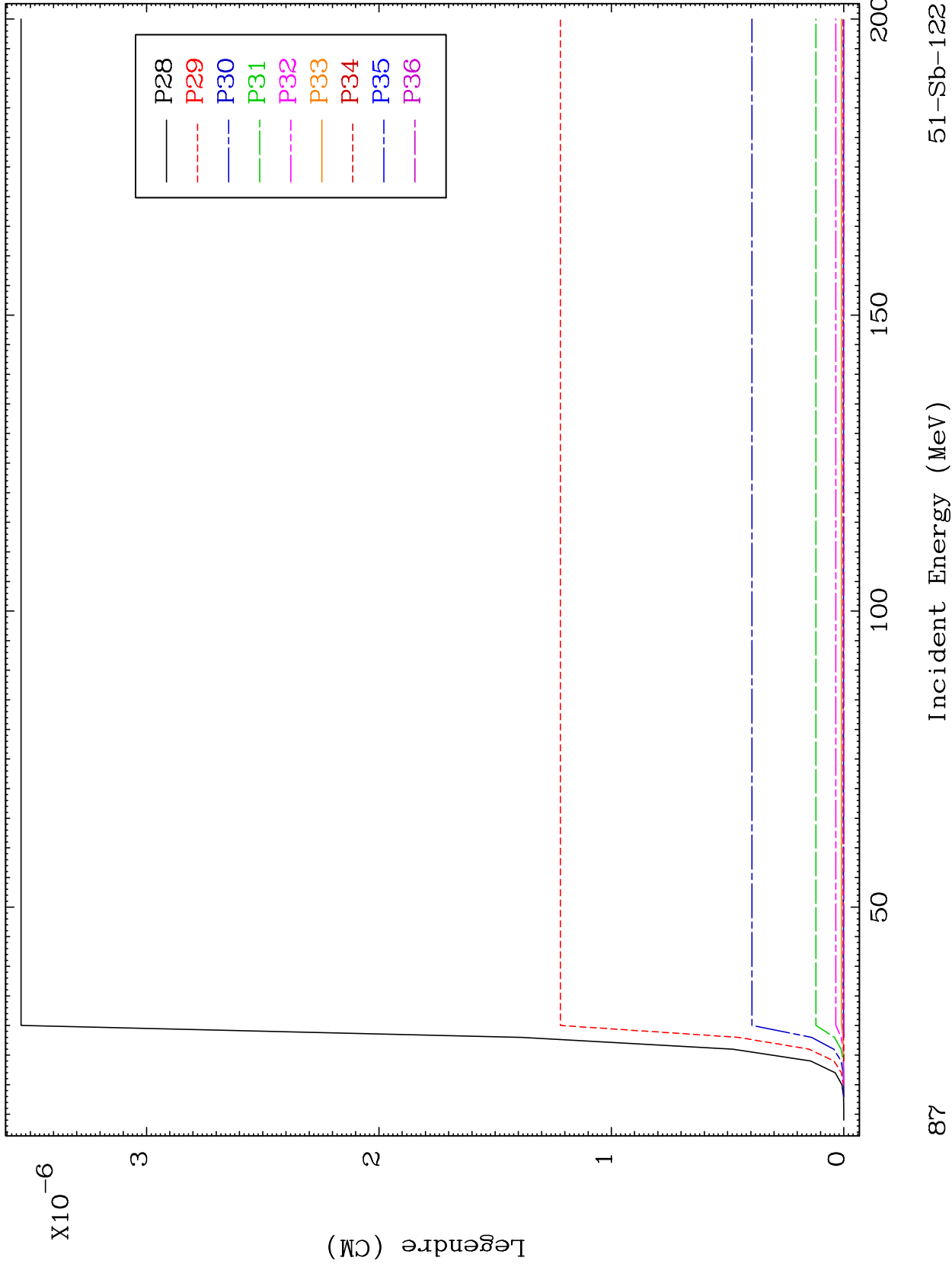




MAT 5128

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

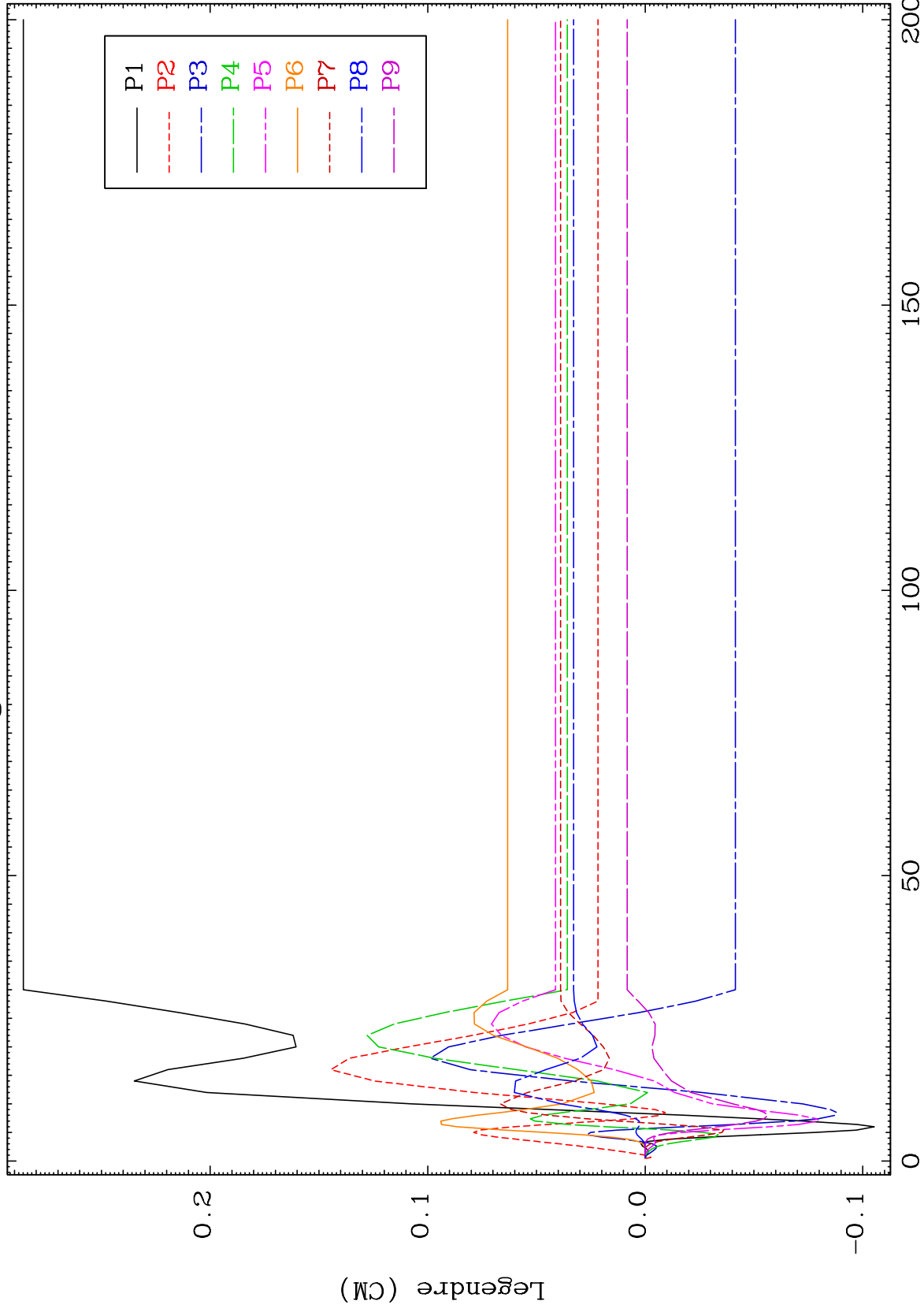
51-Sb-122



MAT 5128

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

51-Sb-122



88

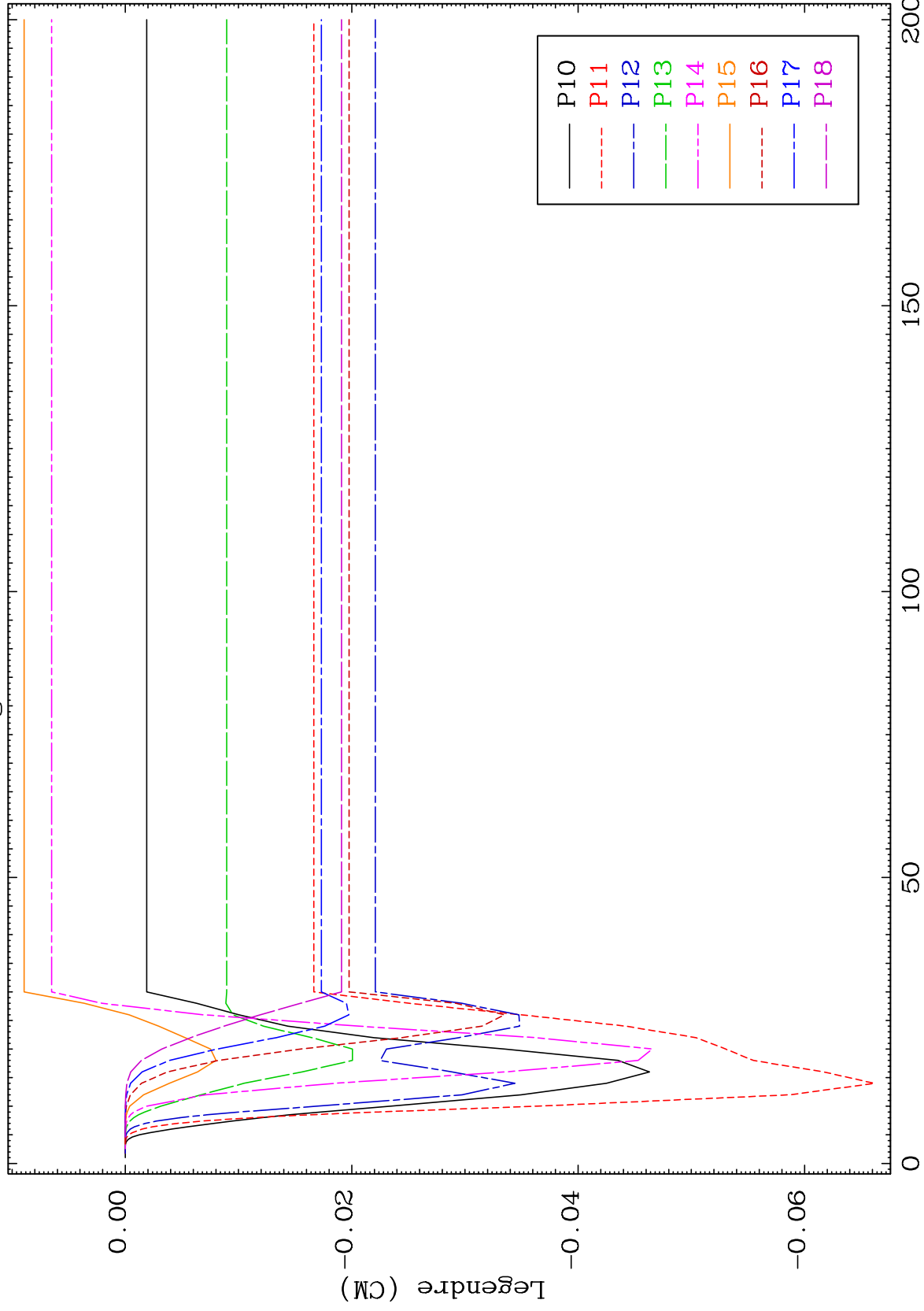
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



89

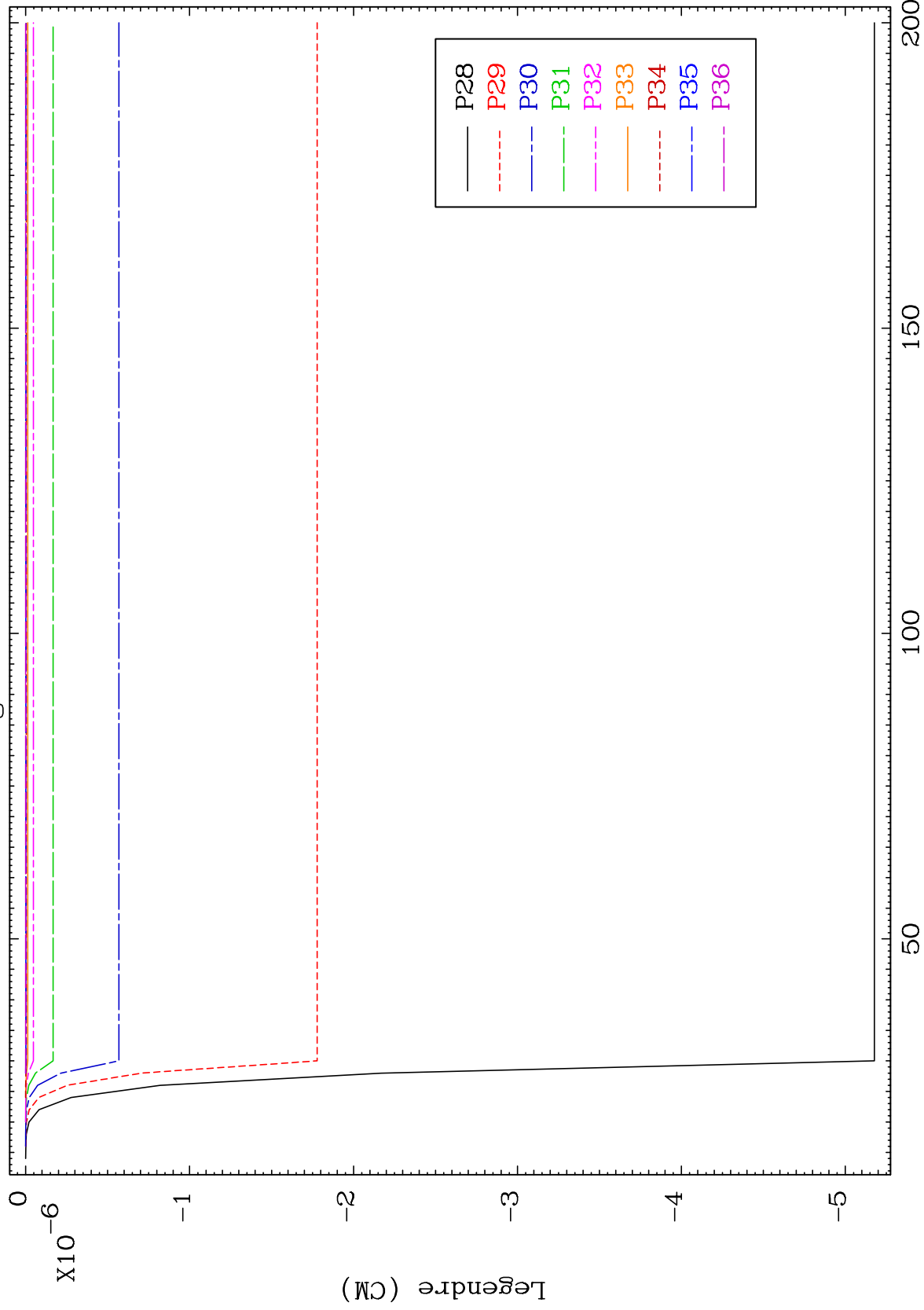
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



91

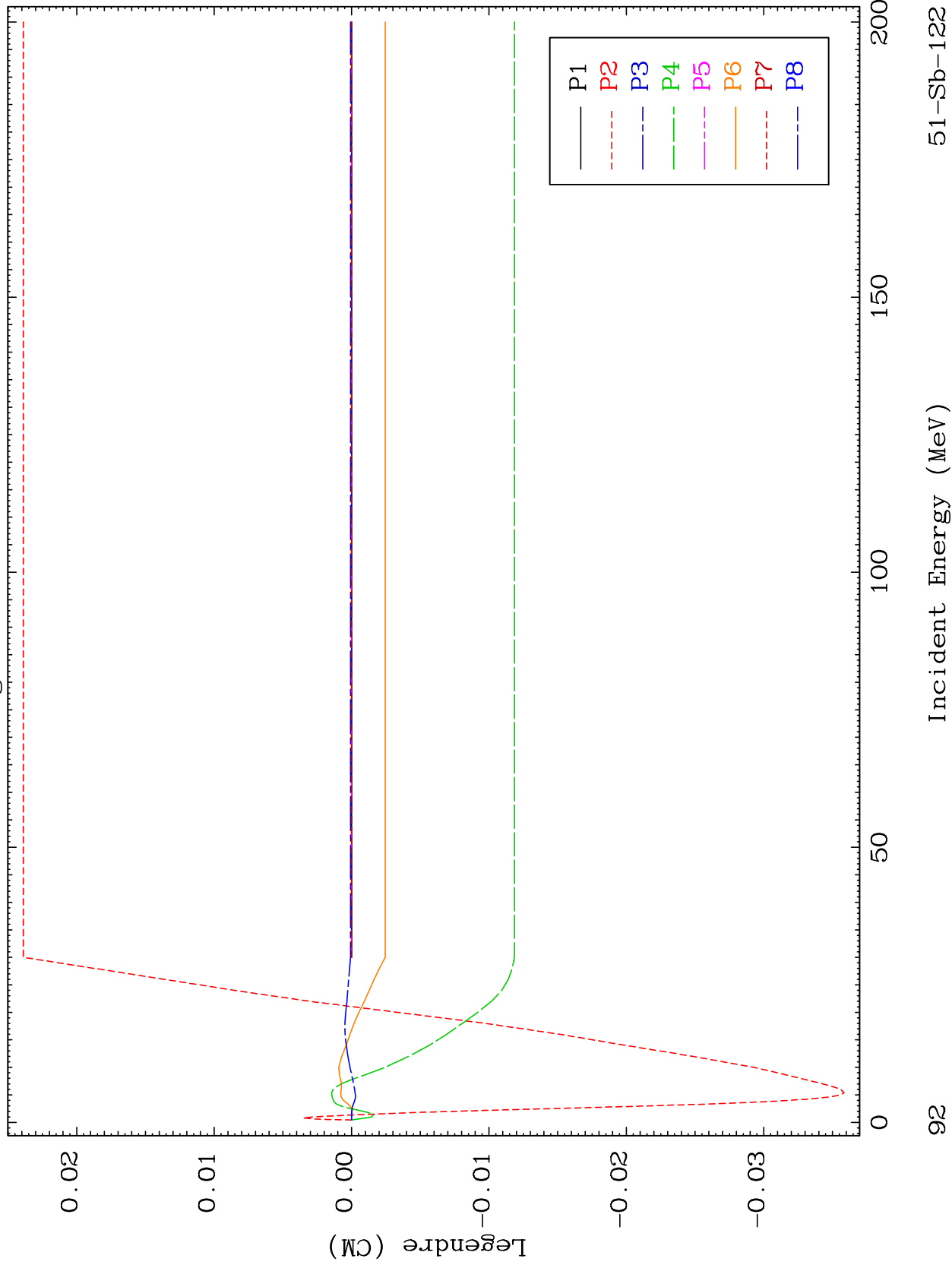
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

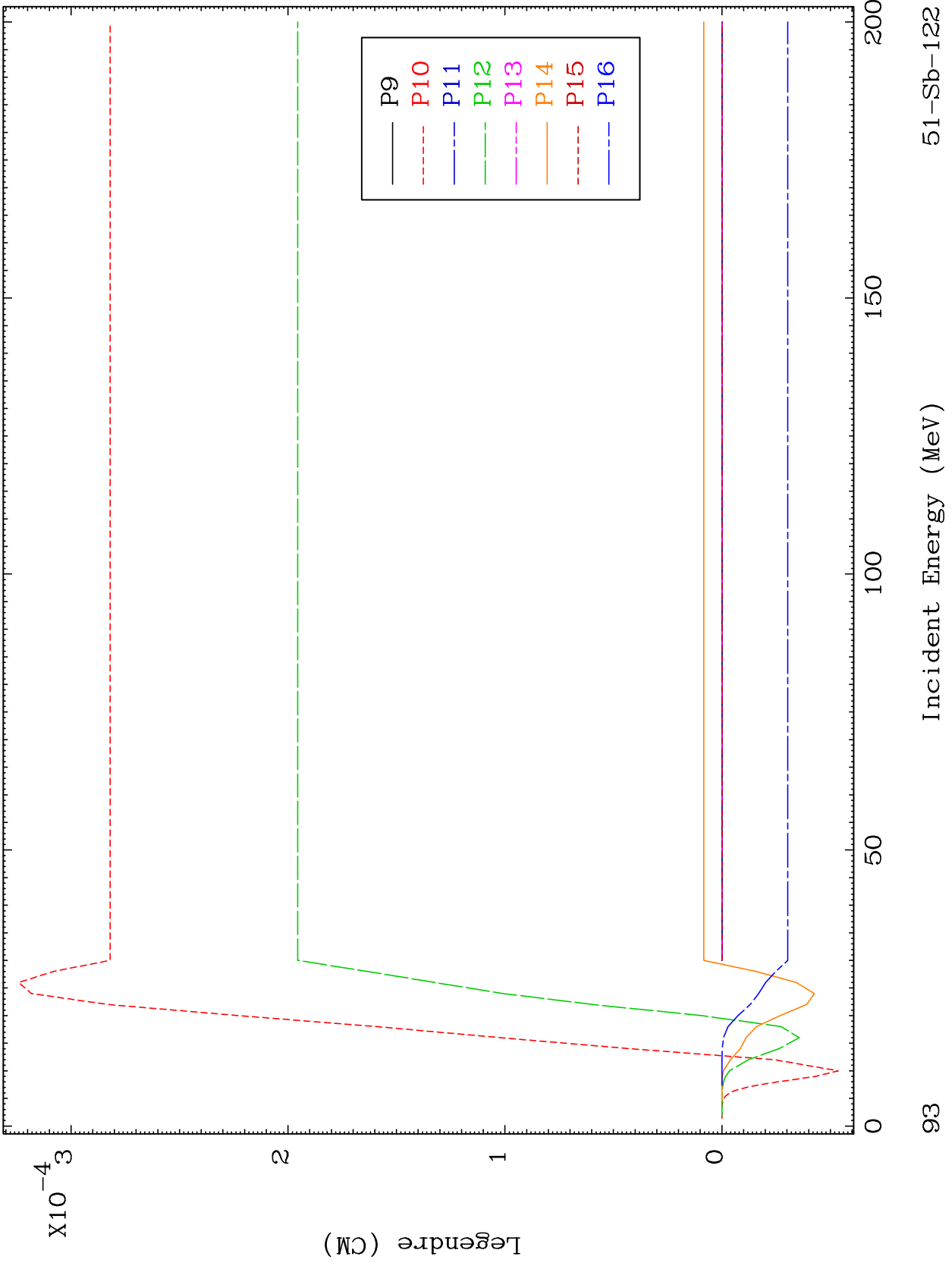
Incident Energy (MeV)

92

MAT 5128

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

51-Sb-122



51-Sb-122

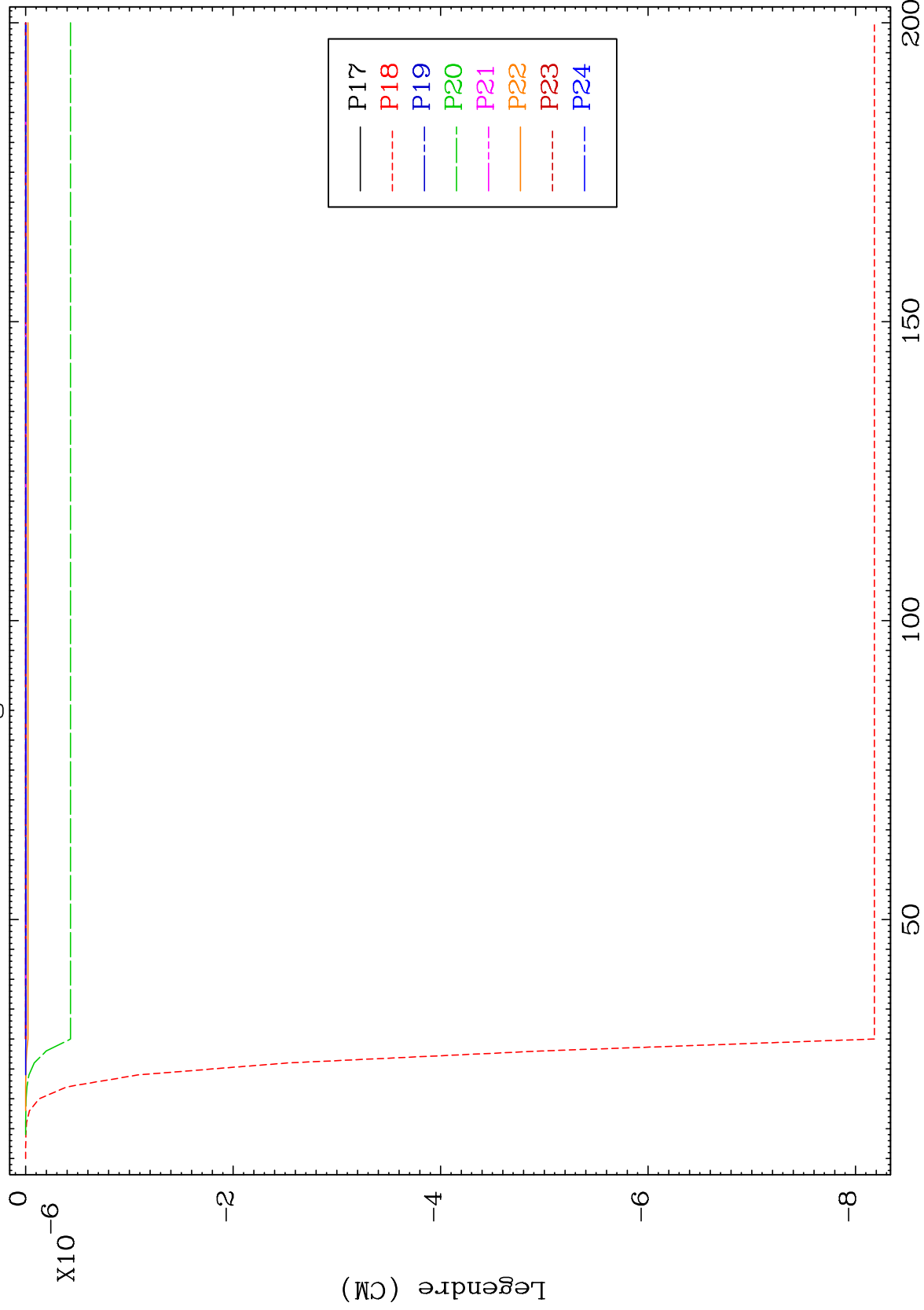
Incident Energy (MeV)

93

MAT 5128

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

51-Sb-122



94

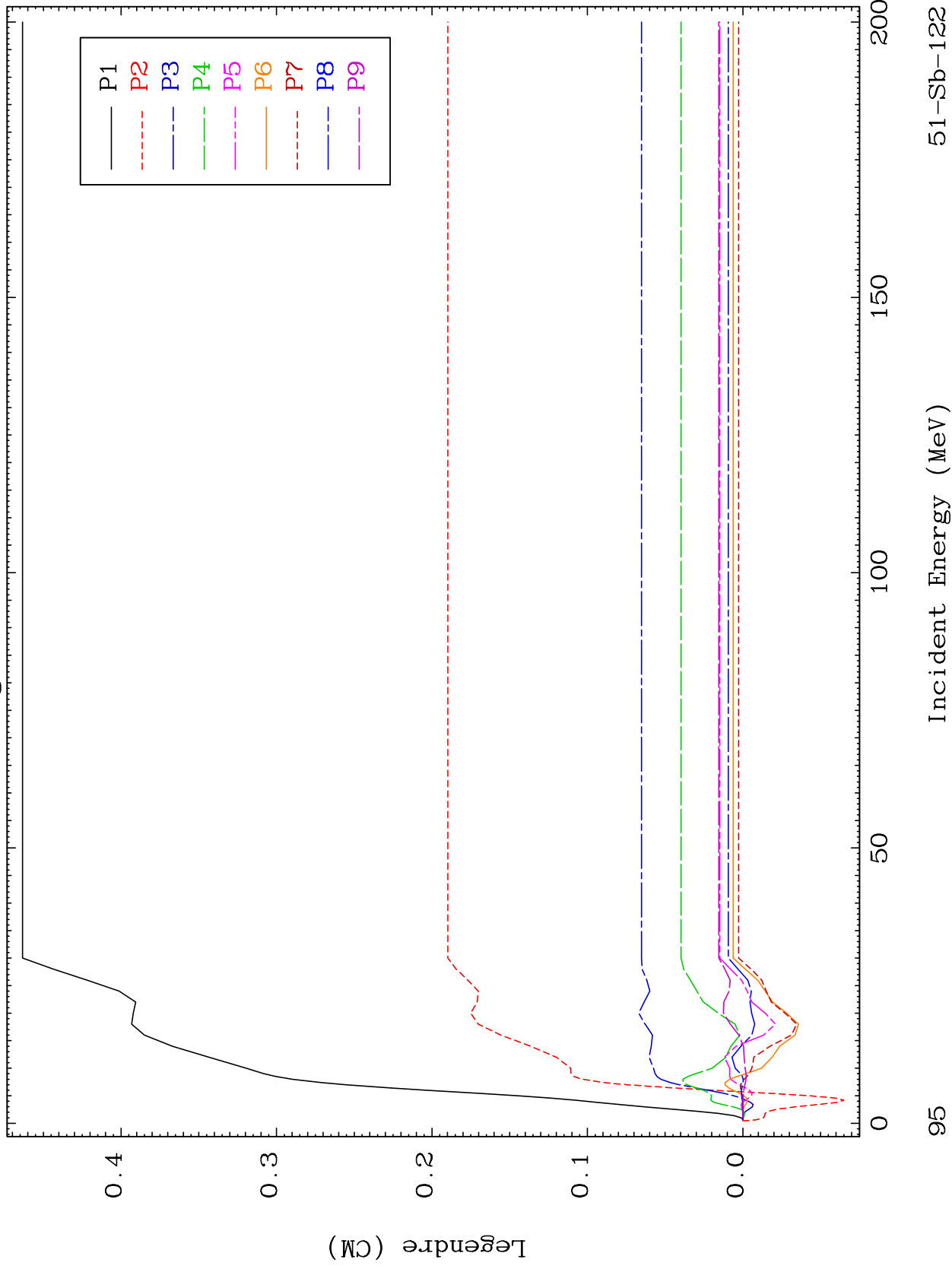
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

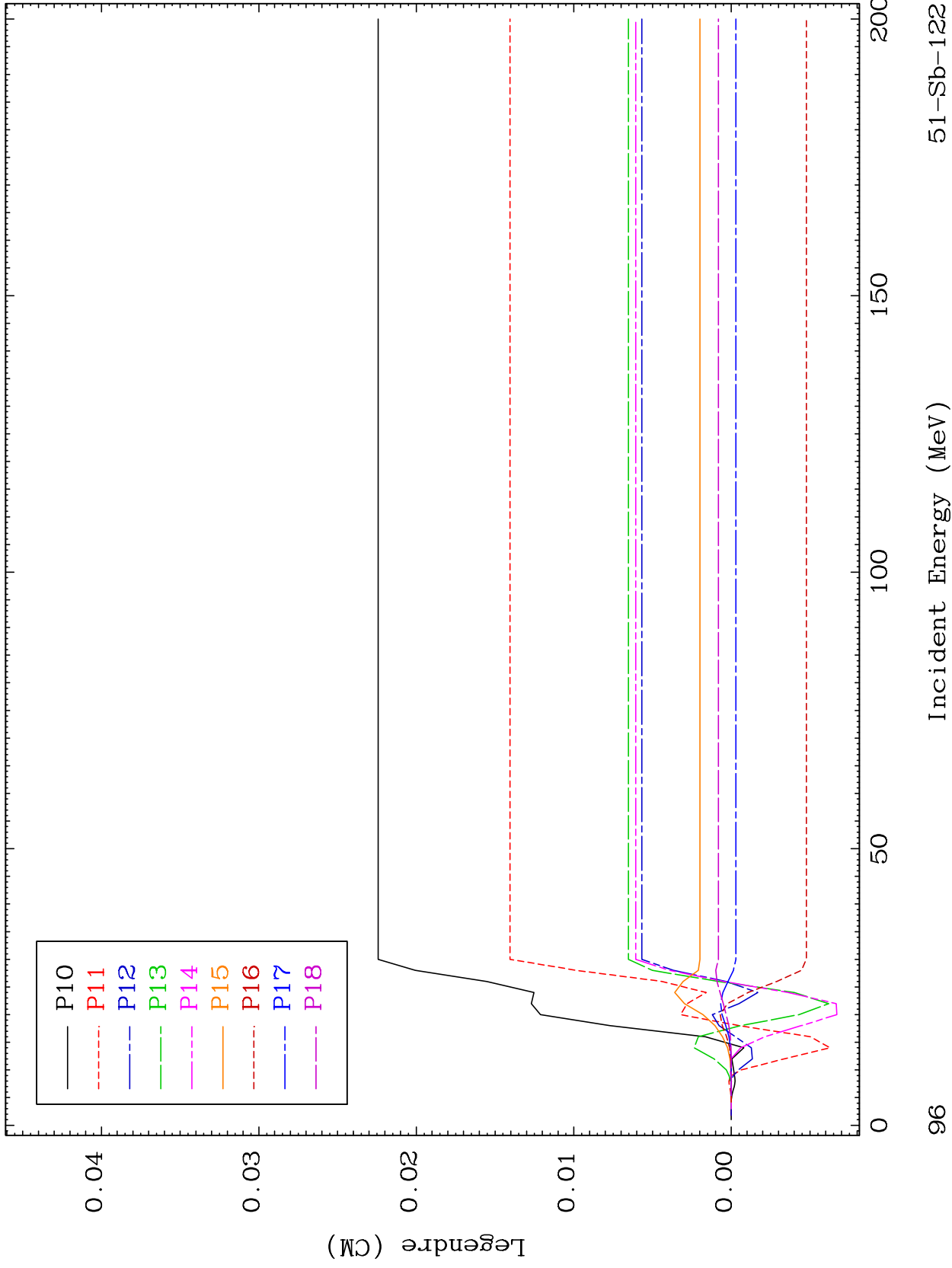
Incident Energy (MeV)

95

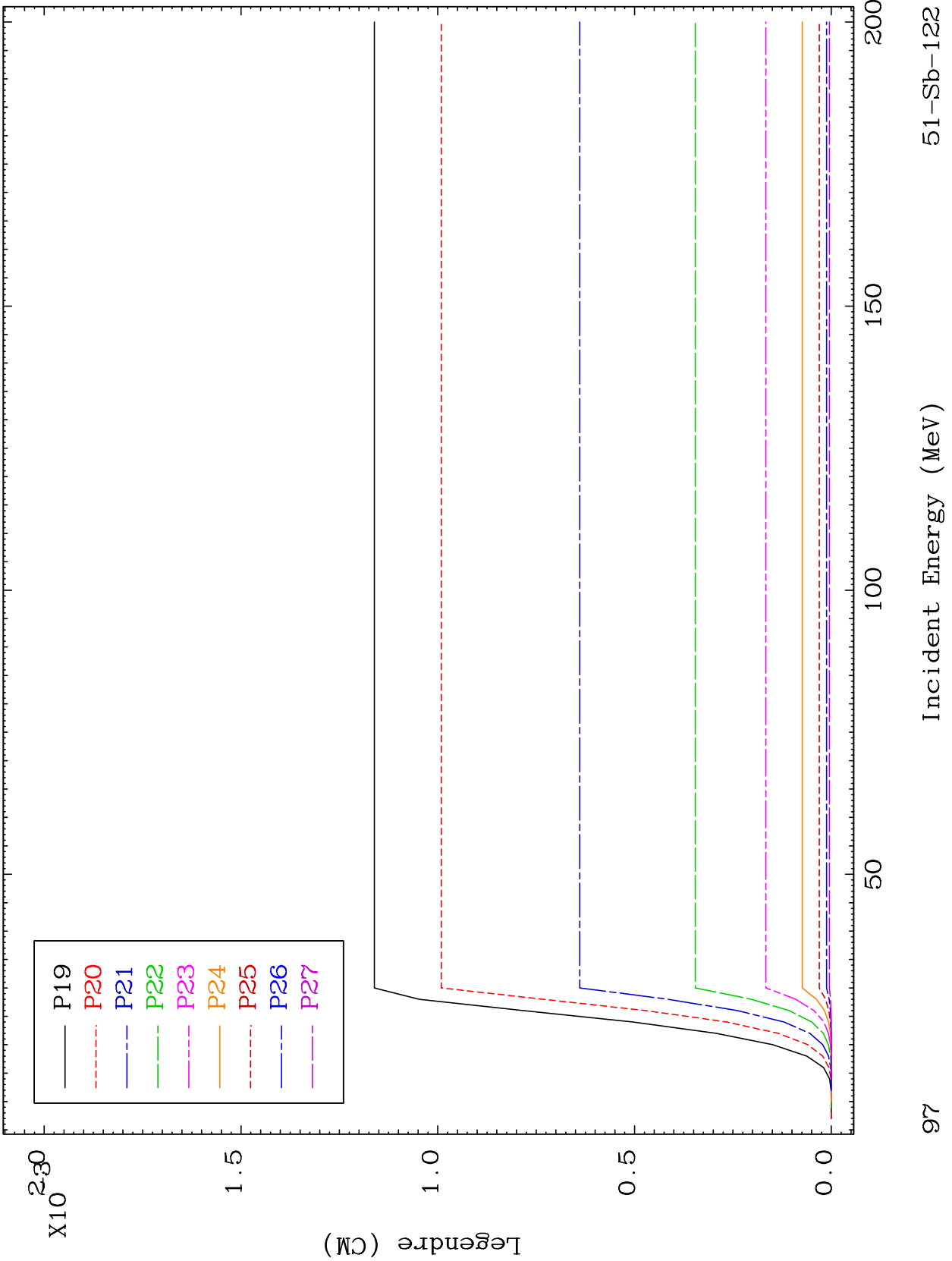
MAT 5128

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

51-Sb-122



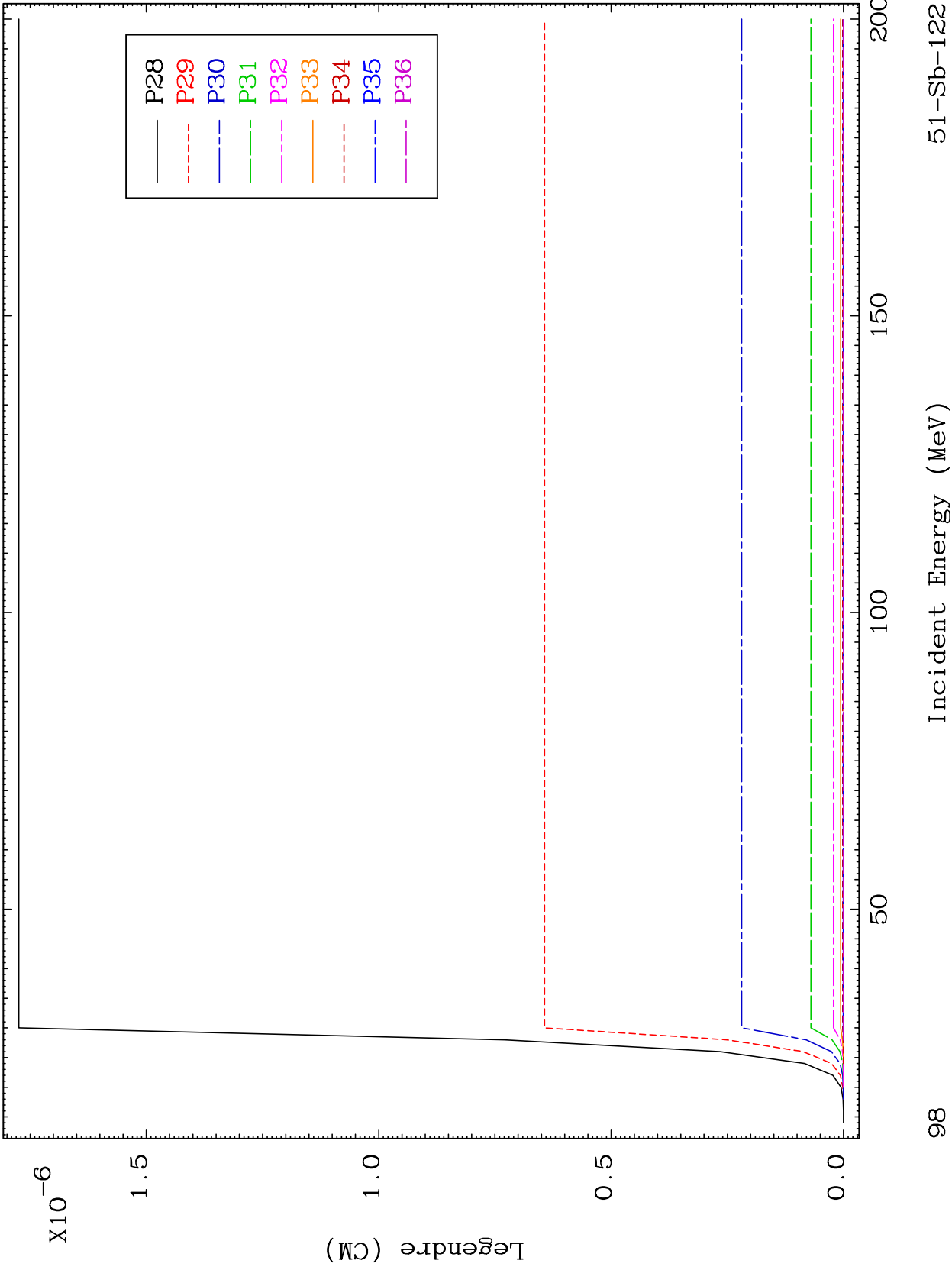
51-Sb-122



MAT 5128

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

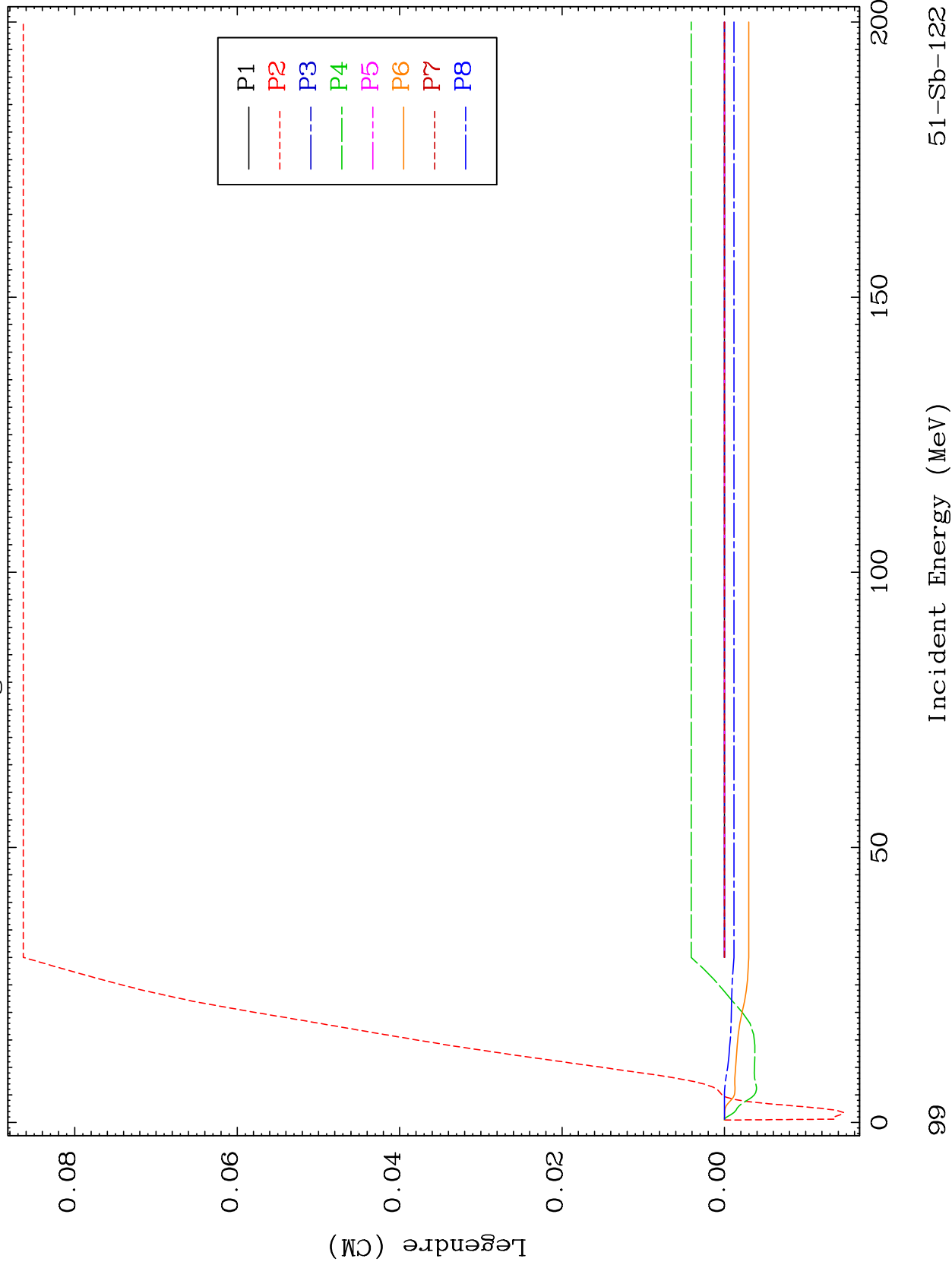
51-Sb-122



MAT 5128

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

51-Sb-122



51-Sb-122

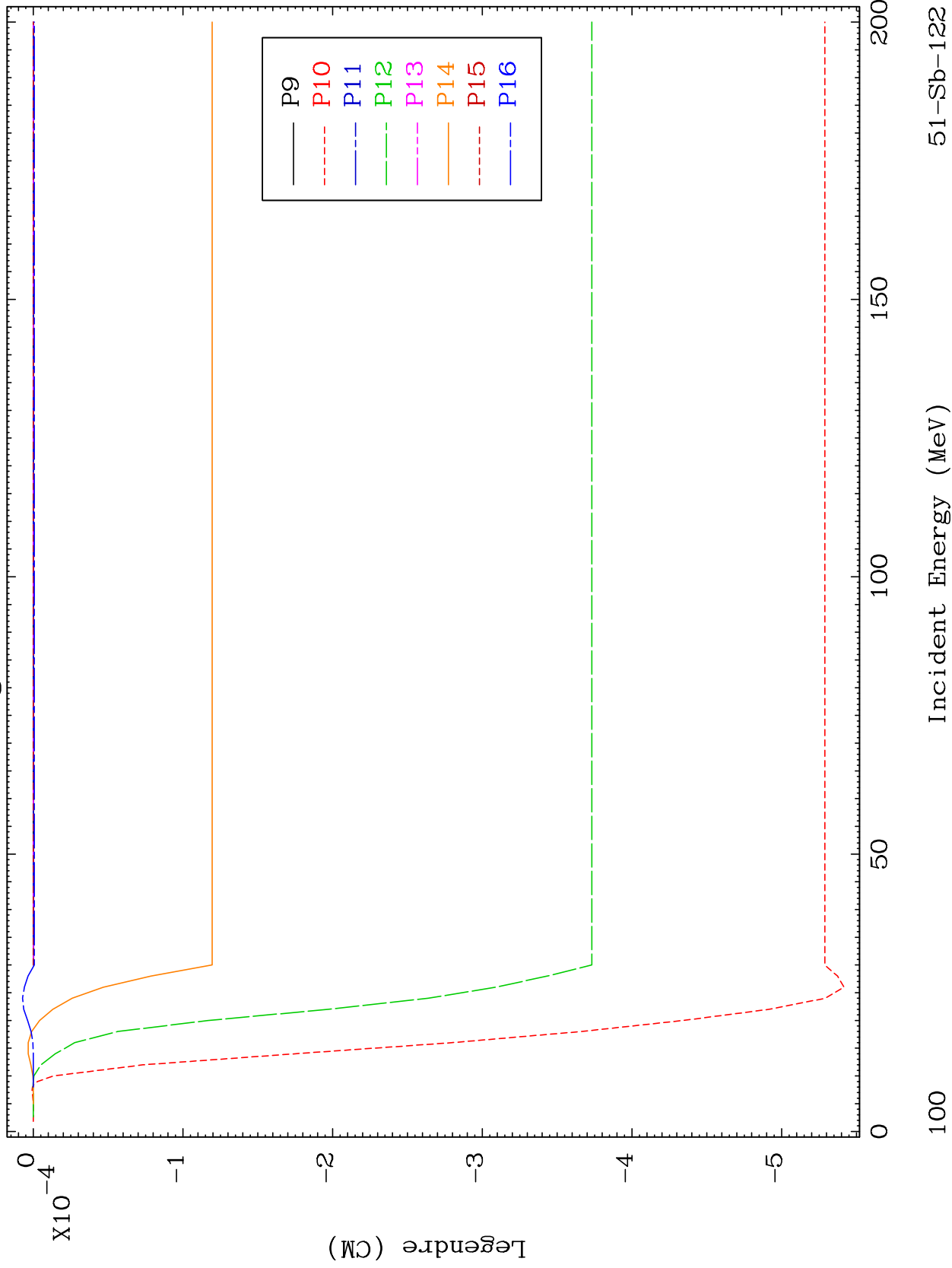
Incident Energy (MeV)

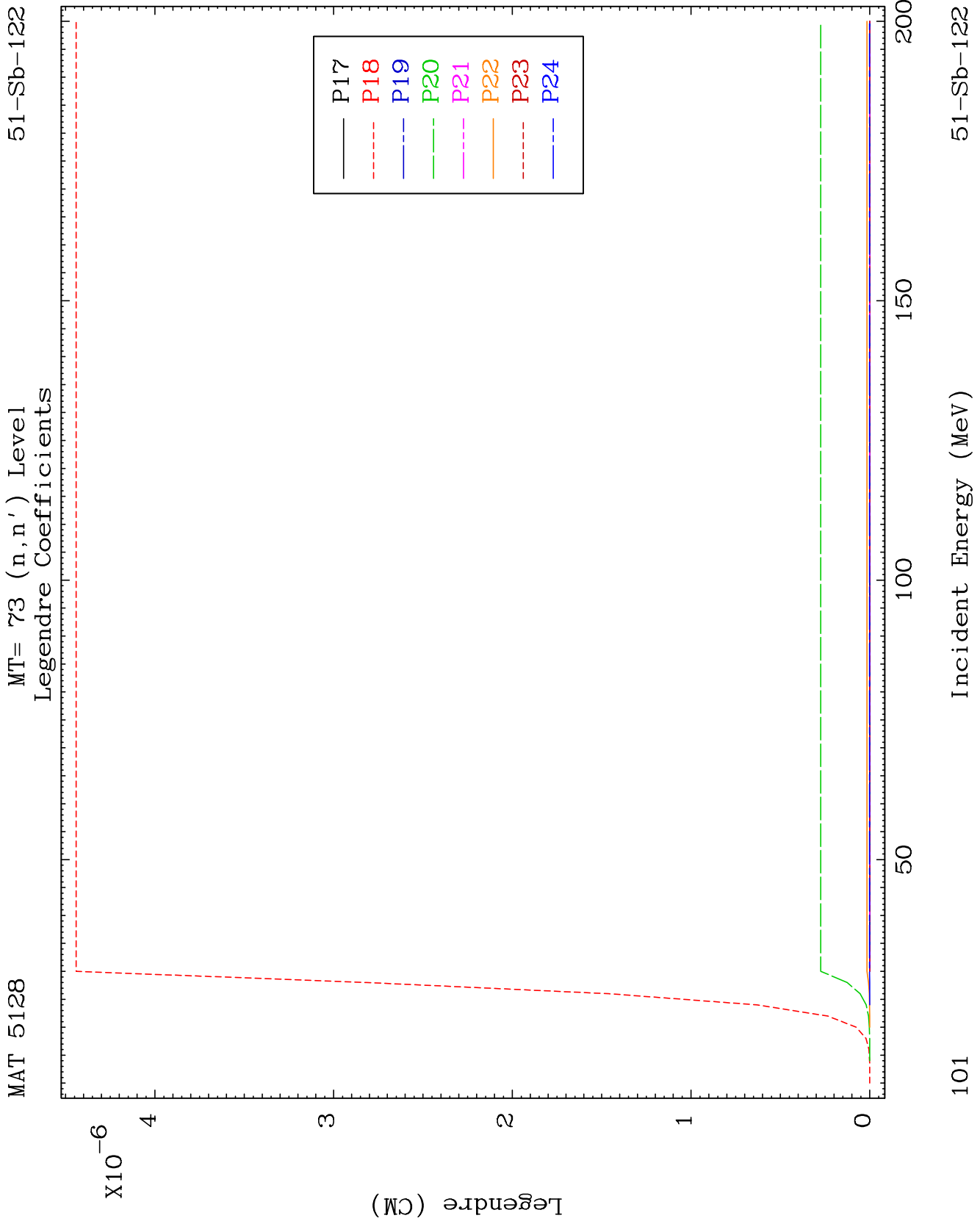
99

MAT 5128

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

51-Sb-122

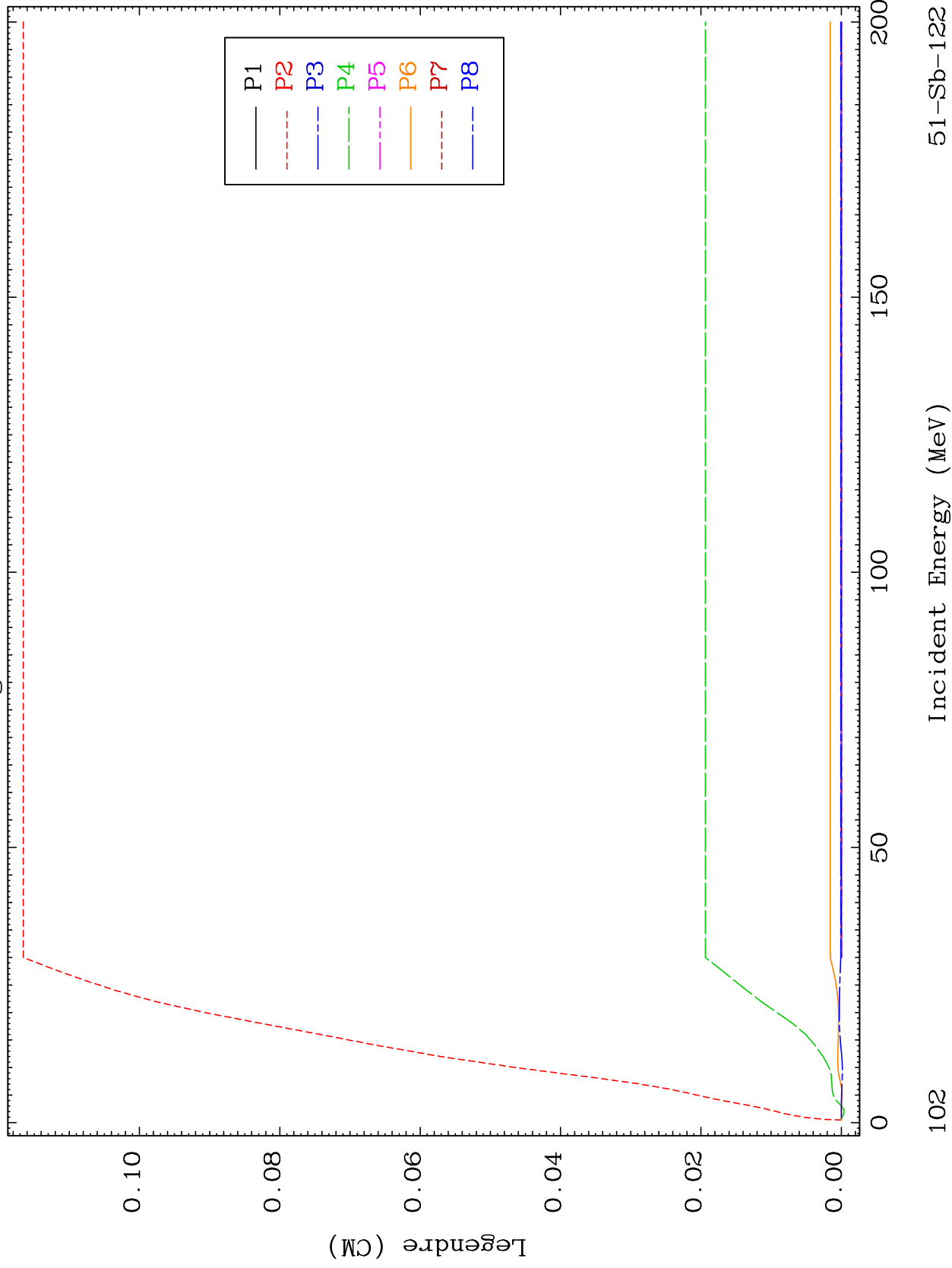




MAT 5128

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

51-Sb-122

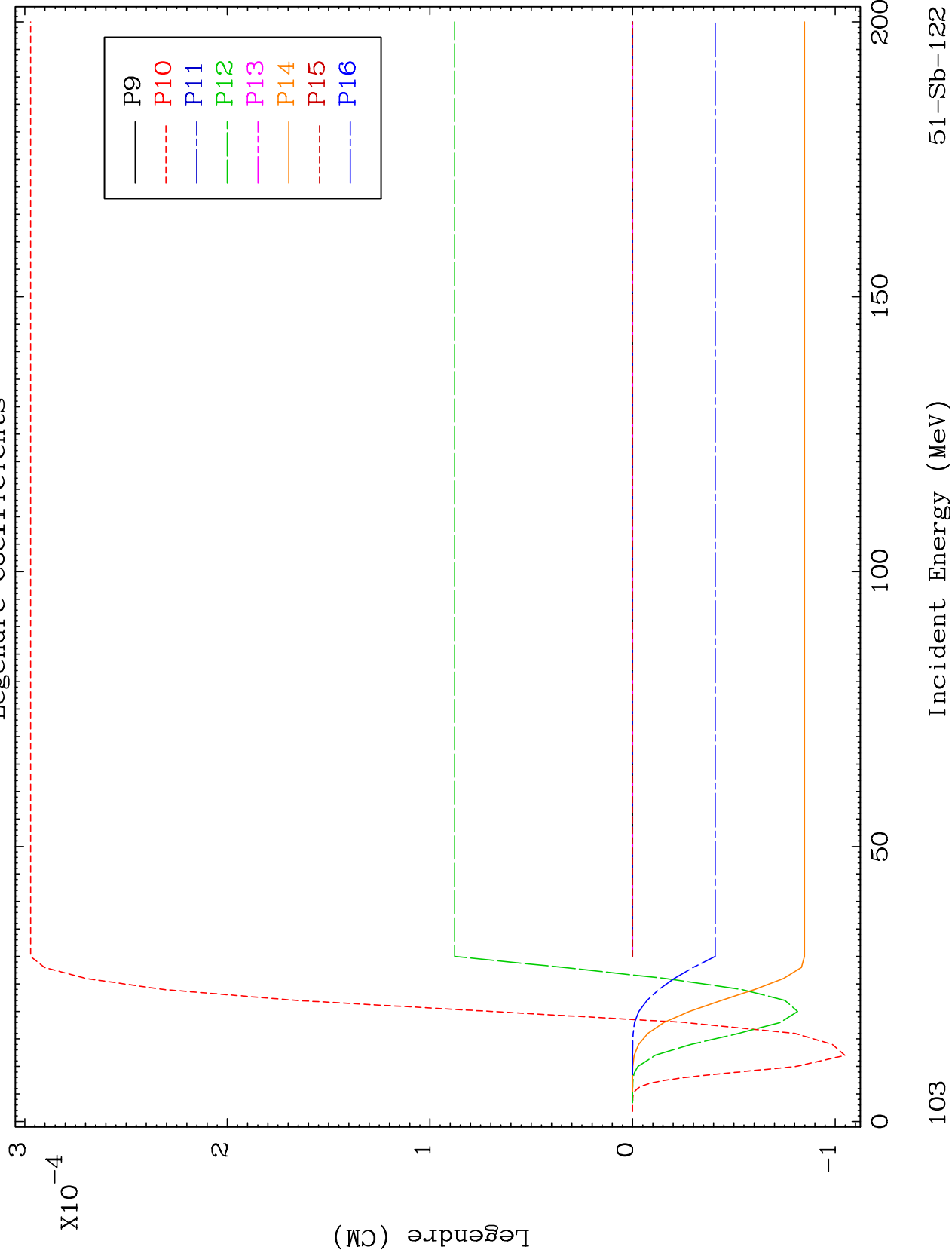


51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

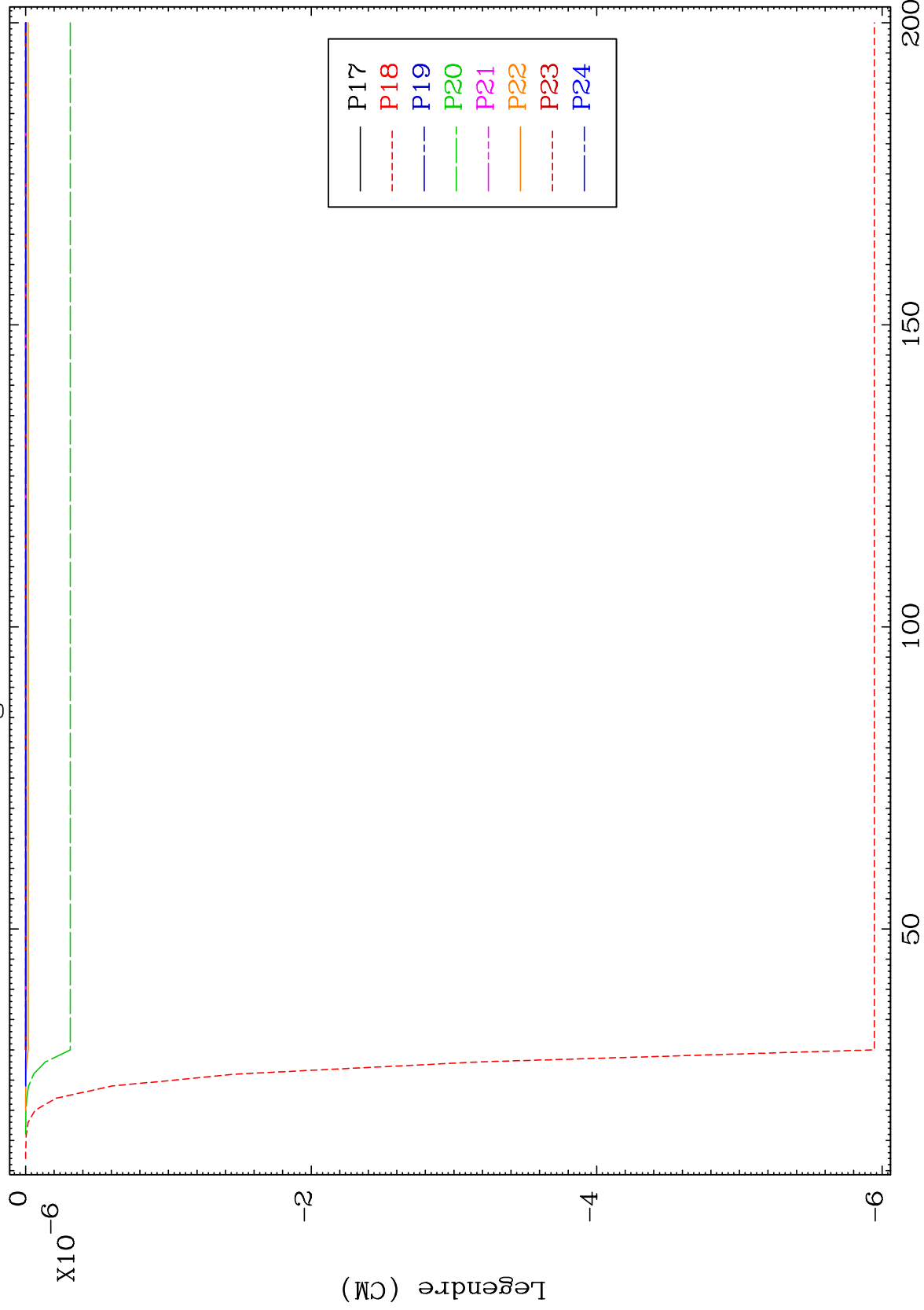
Incident Energy (MeV)

103

MAT 5128

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

51-Sb-122



104

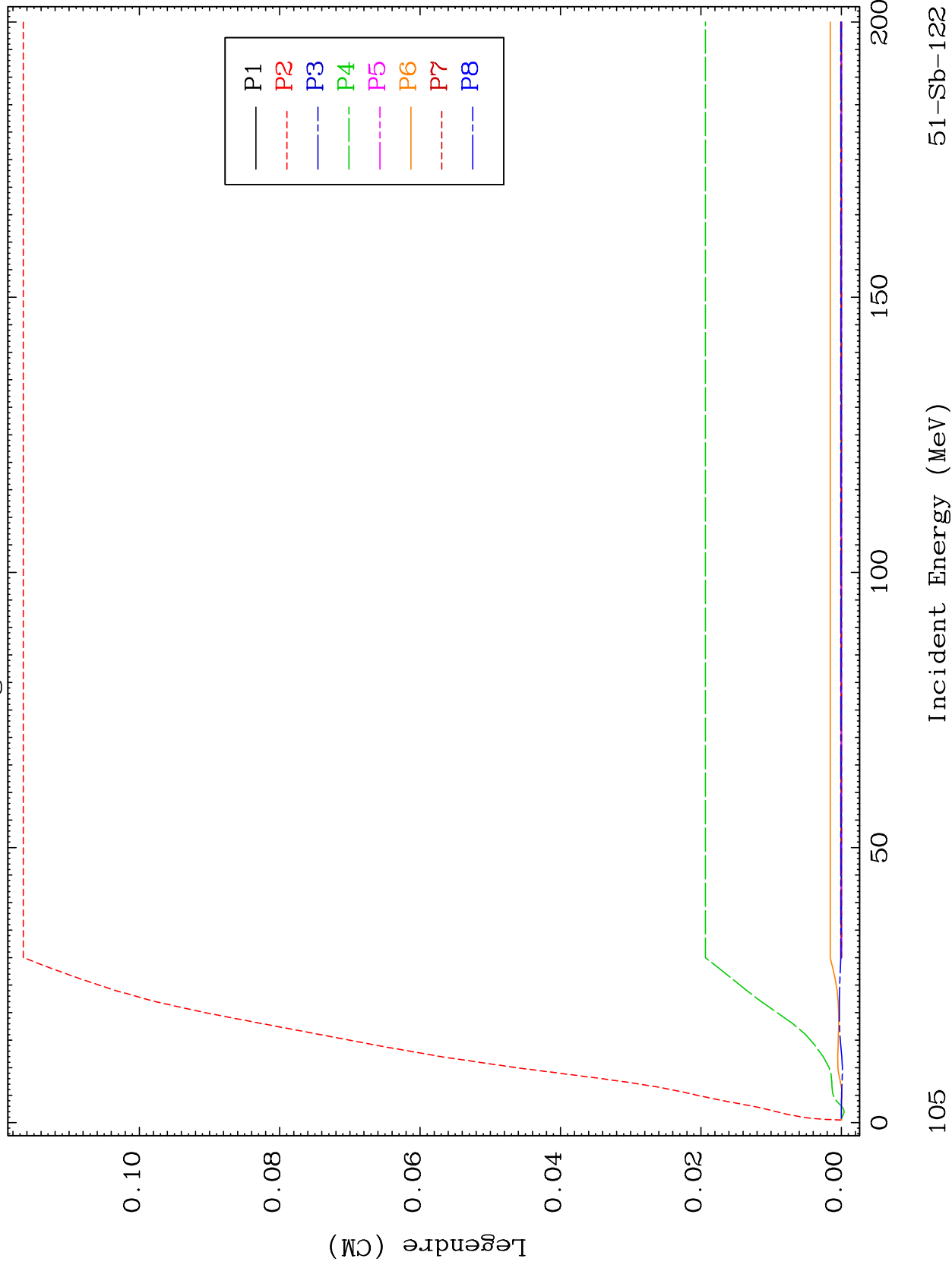
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

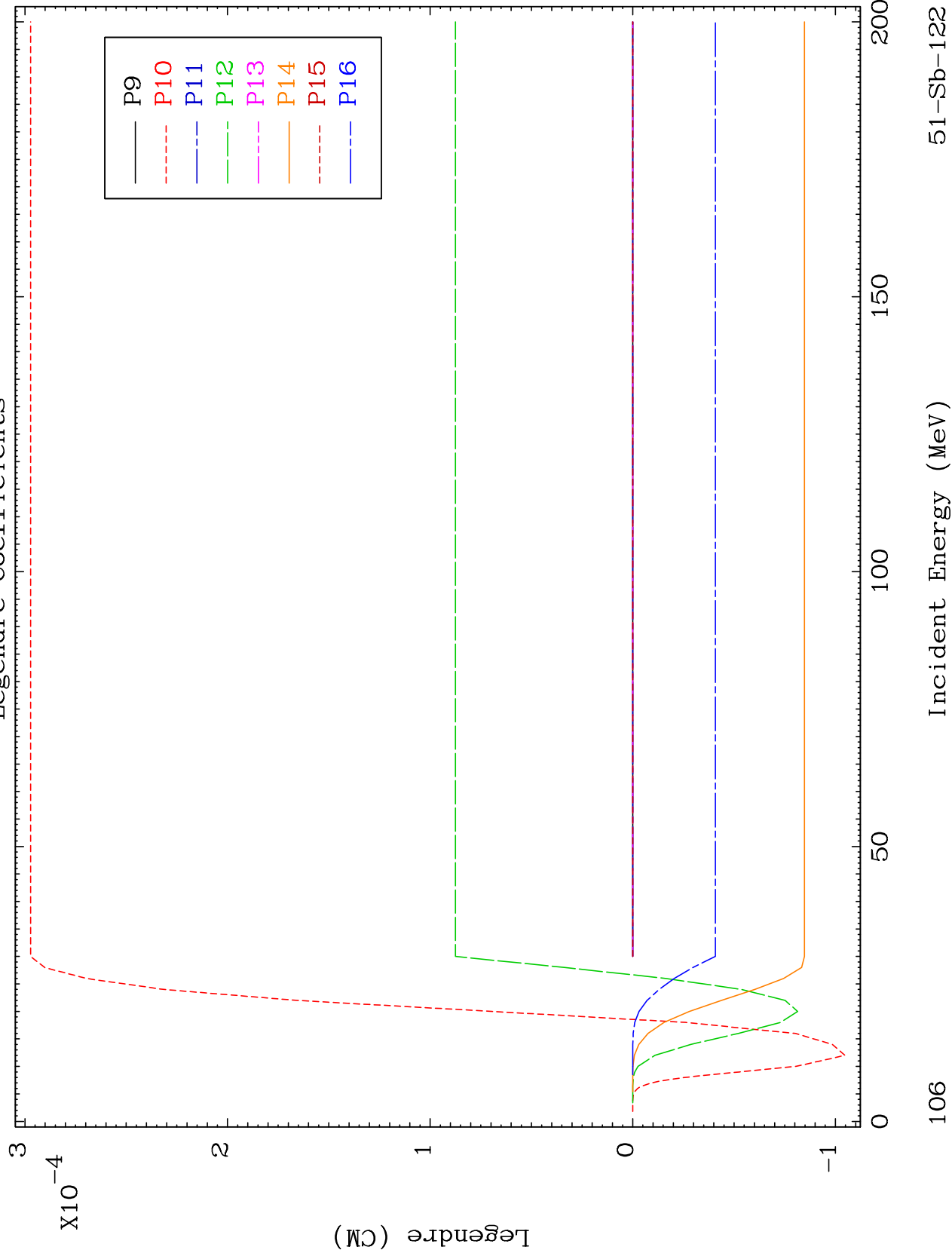
51-Sb-122



MAT 5128

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

51-Sb-122



51-Sb-122

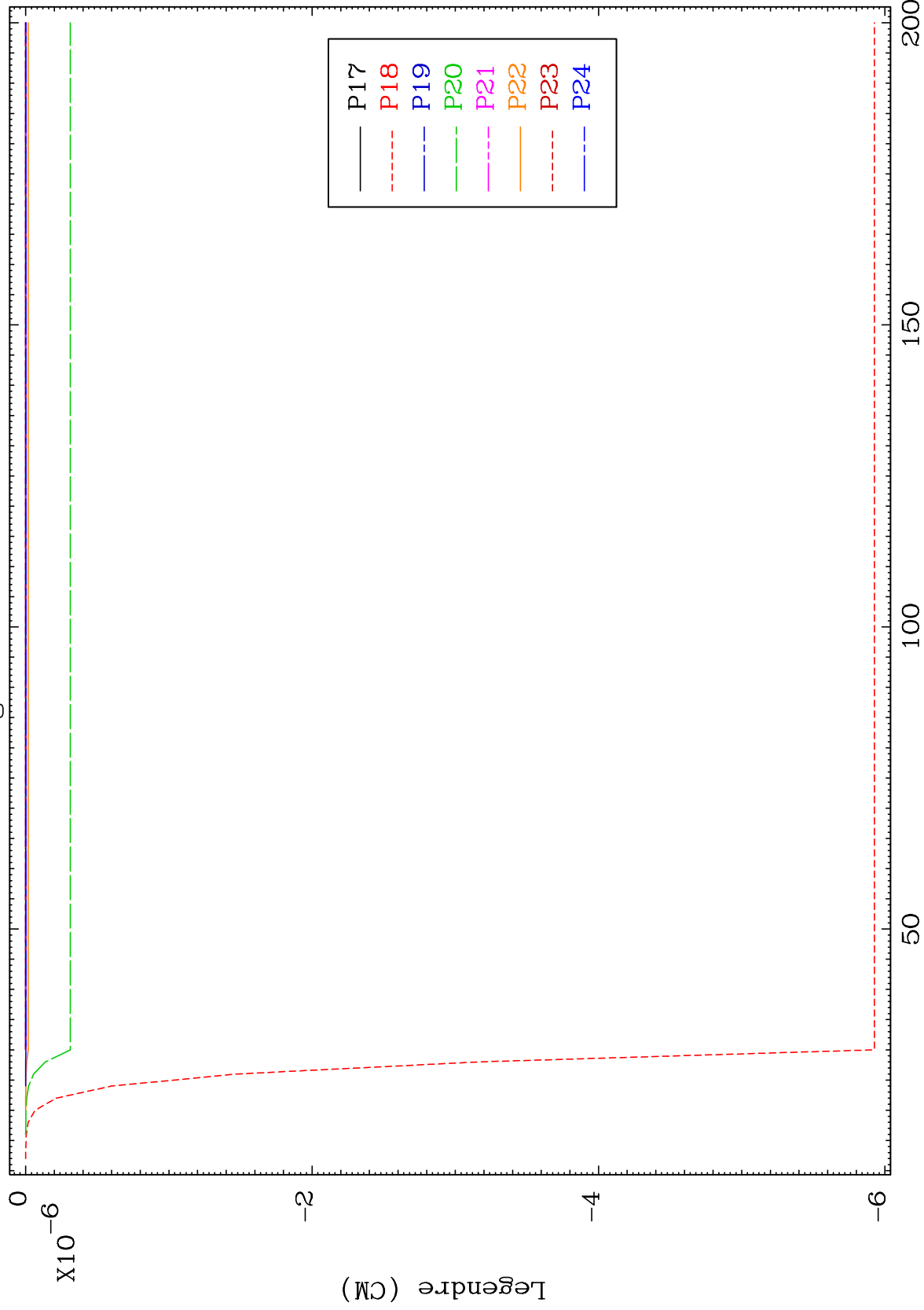
Incident Energy (MeV)

106

MAT 5128

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

51-Sb-122



107

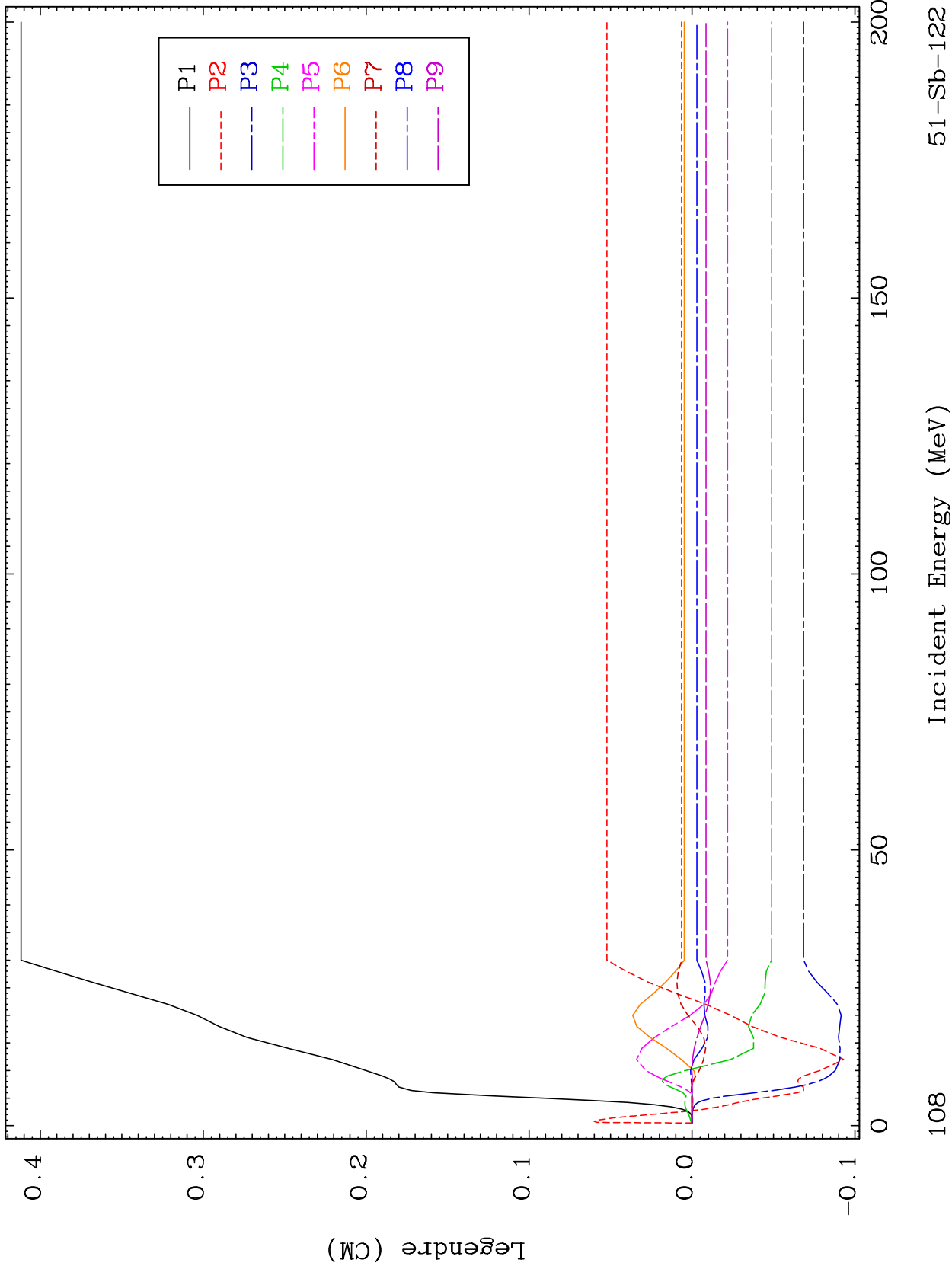
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

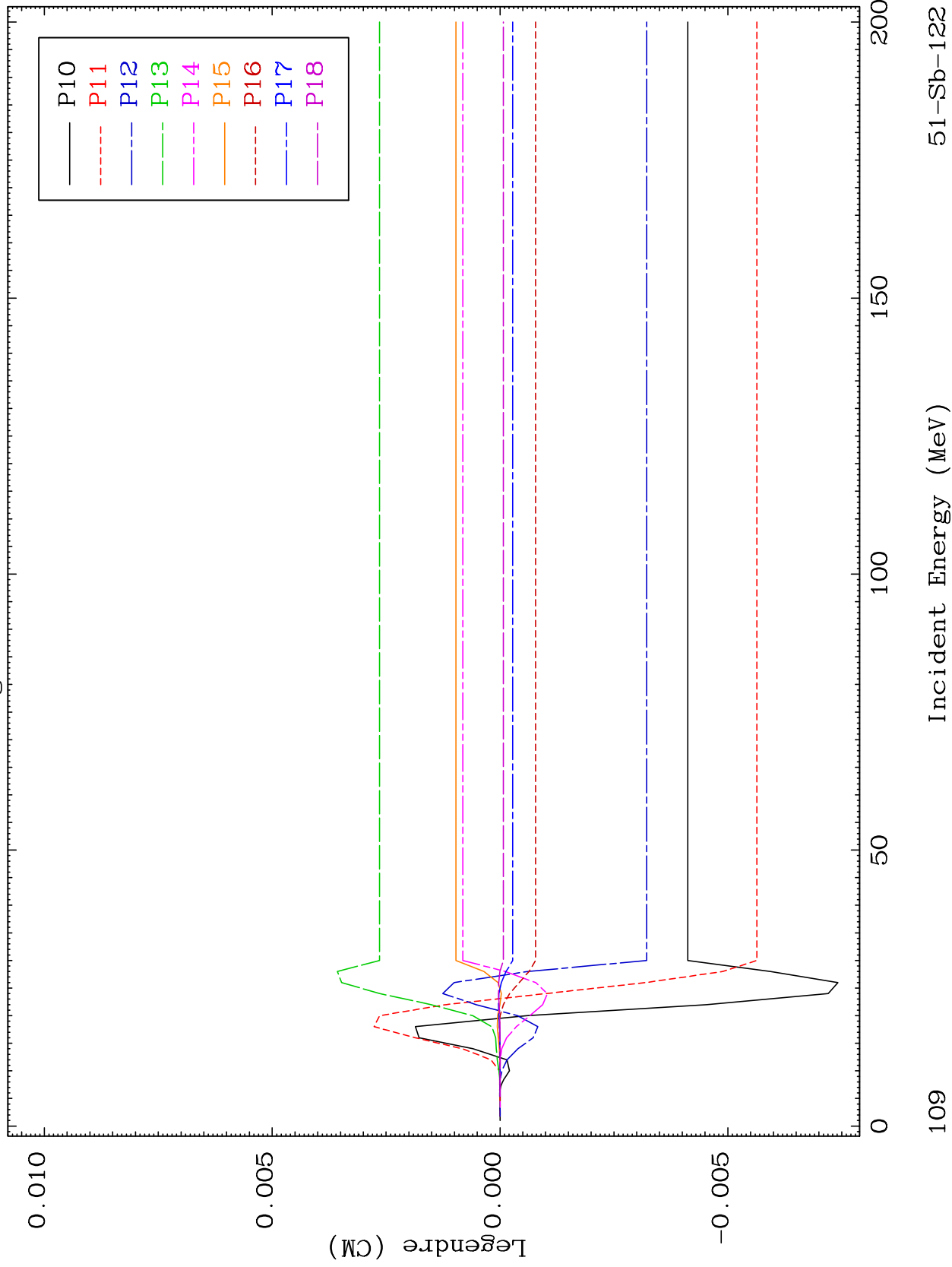
Incident Energy (MeV)

108

MAT 5128

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

51-Sb-122



51-Sb-122

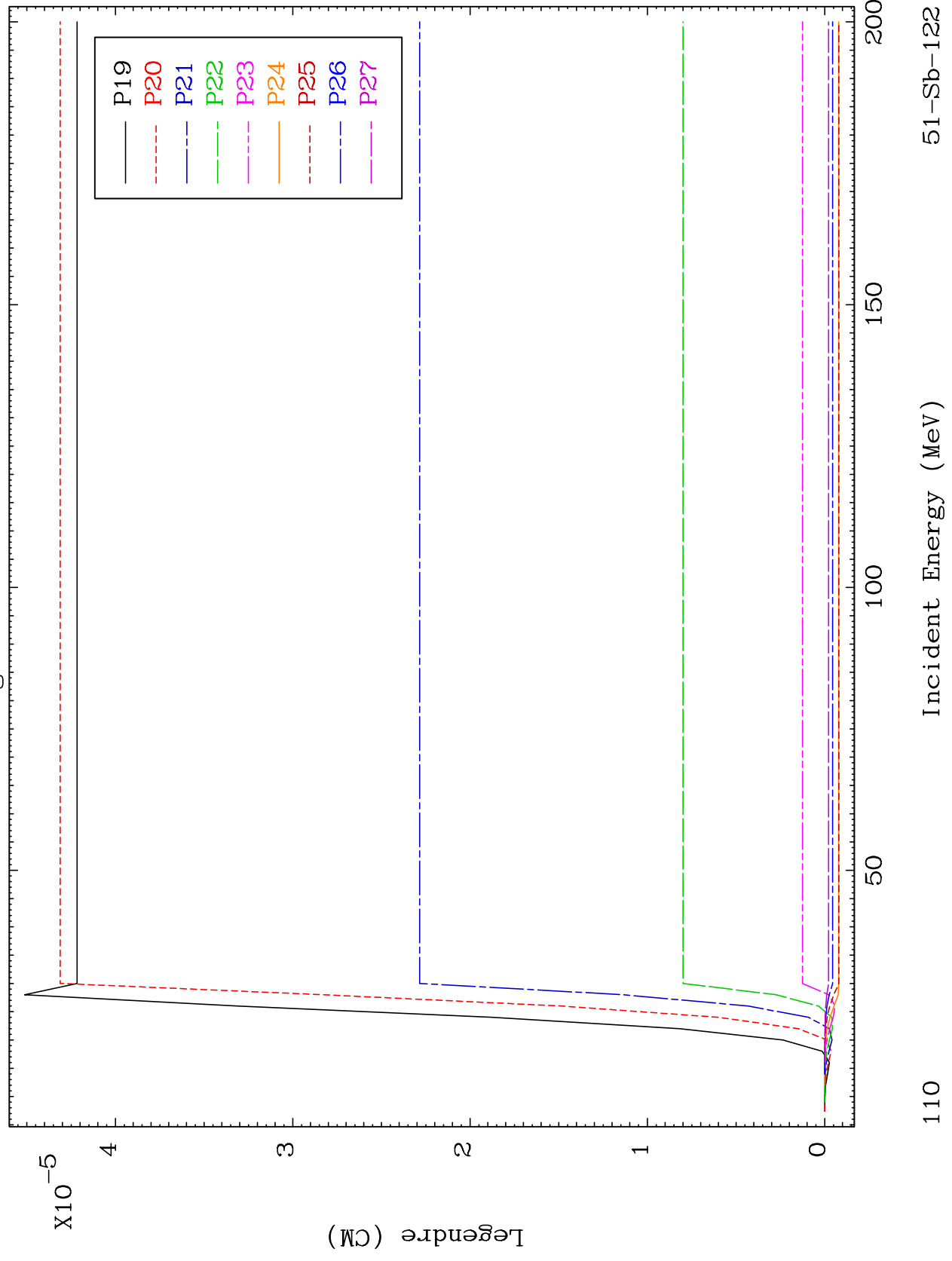
Incident Energy (MeV)

109

MAT 5128

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

51-Sb-122



110

Incident Energy (MeV)

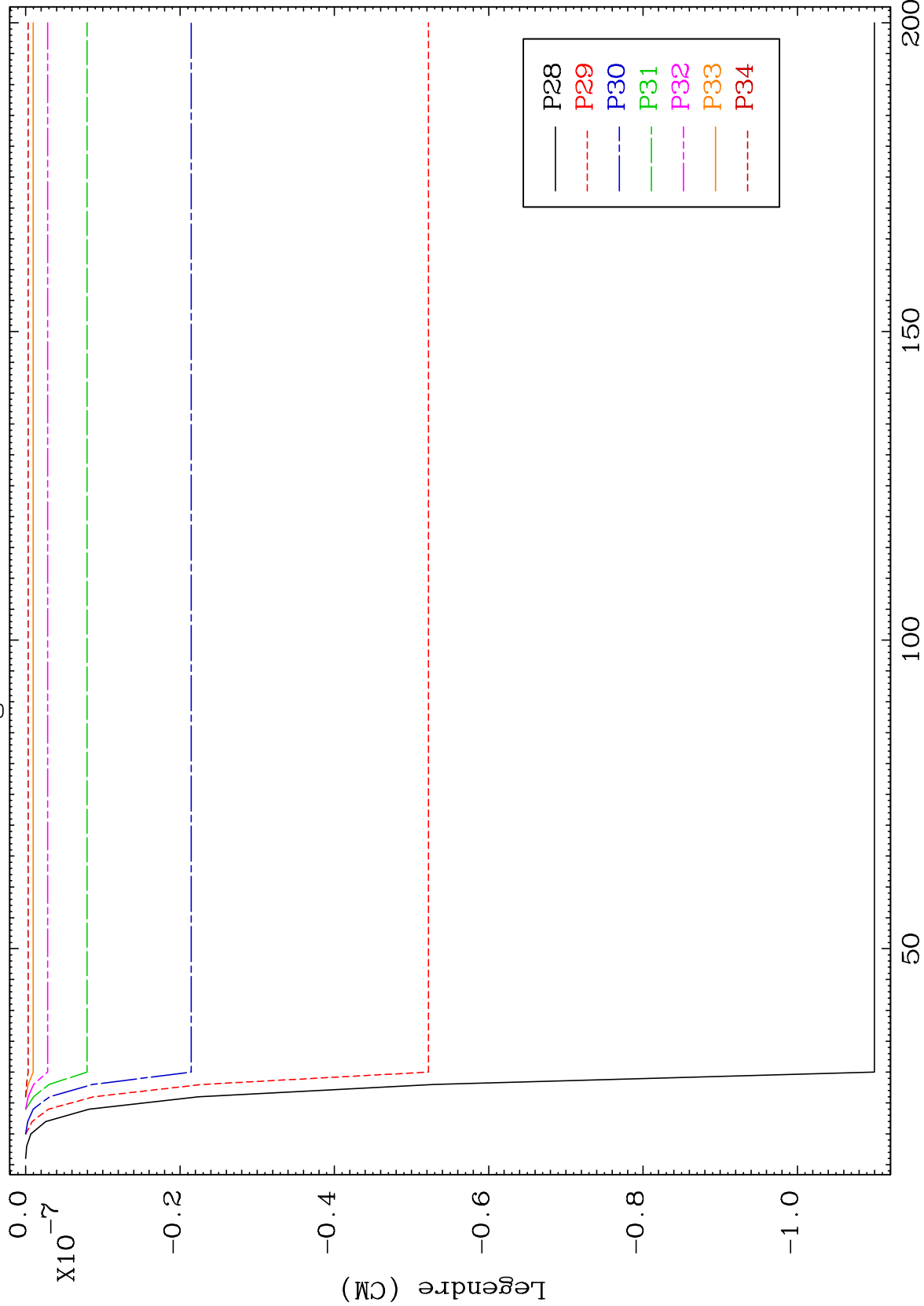
51-Sb-122

MAT 5128

MT= 76 (n,n') Level

51-Sb-122

Legendre Coefficients



111

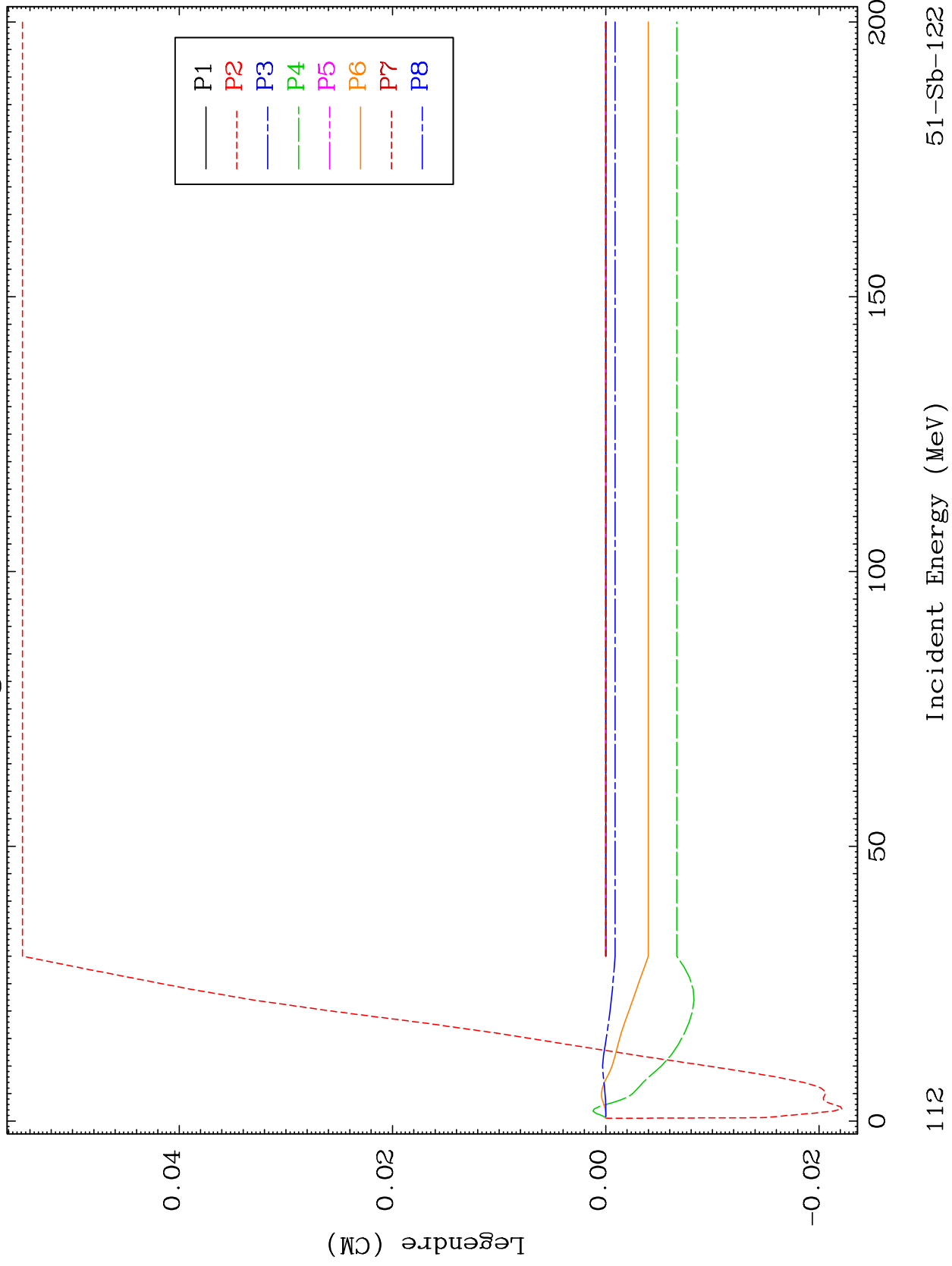
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

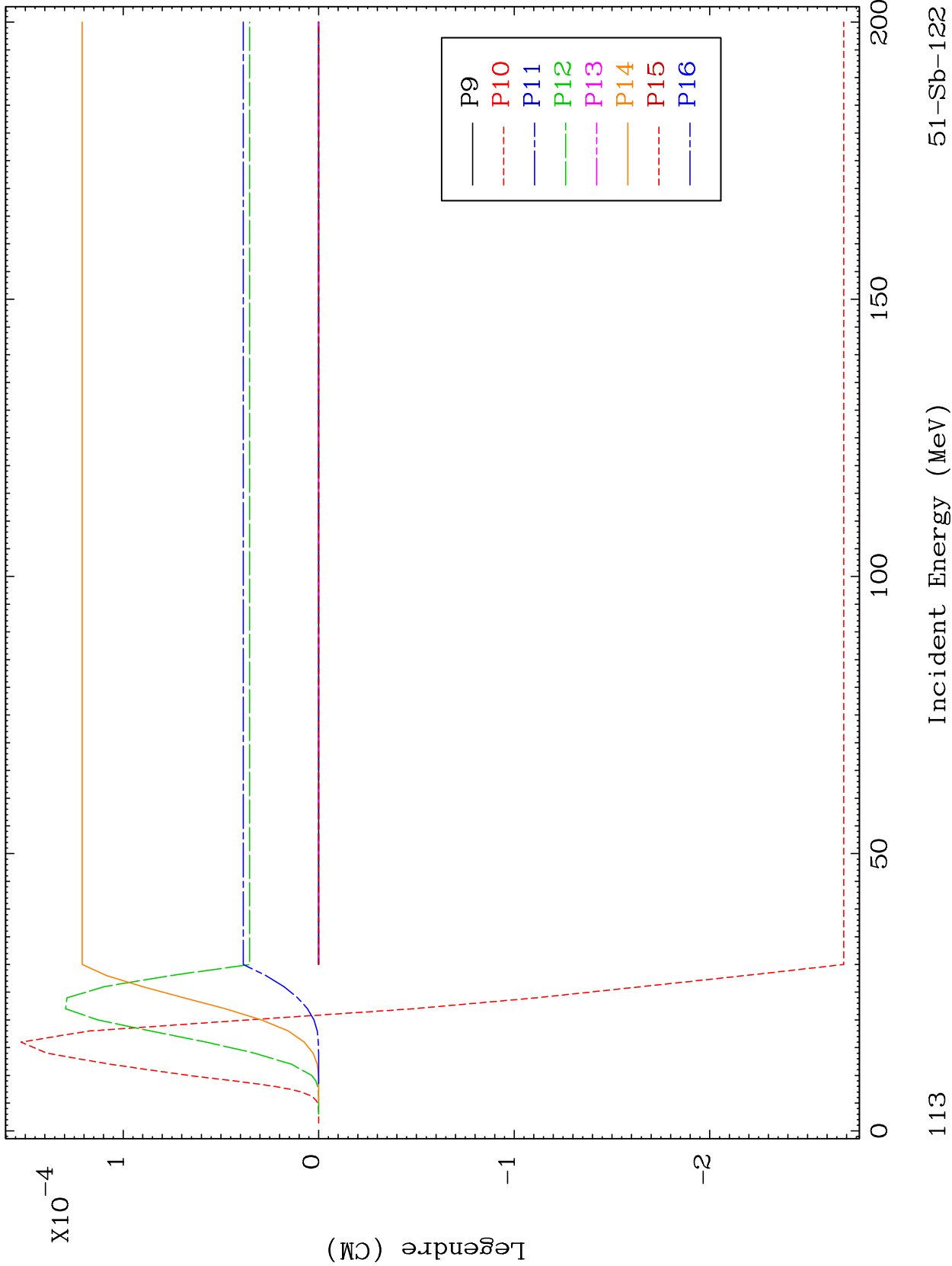
Incident Energy (MeV)

112

MAT 5128

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

51-Sb-122



113

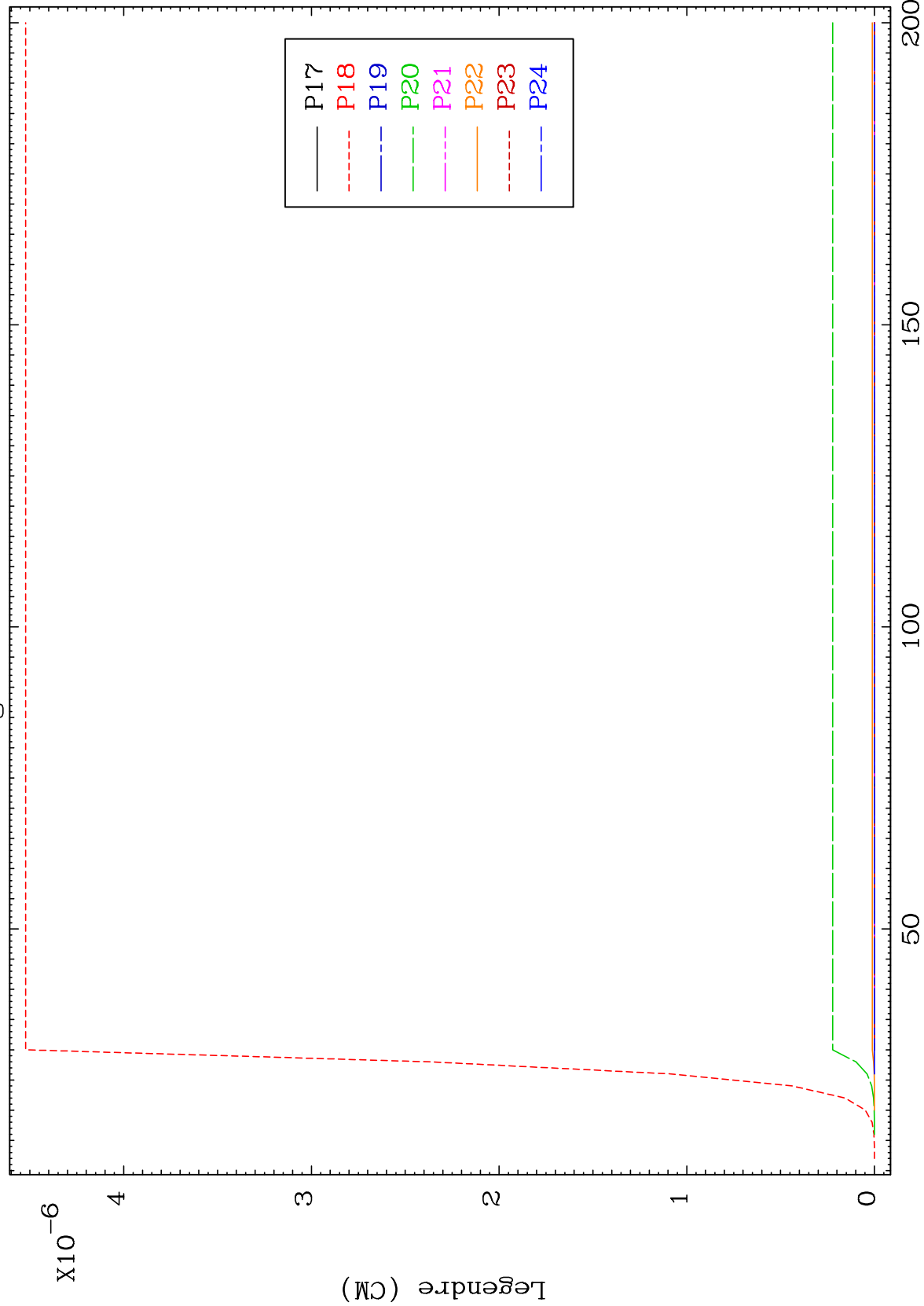
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



114

Incident Energy (MeV)

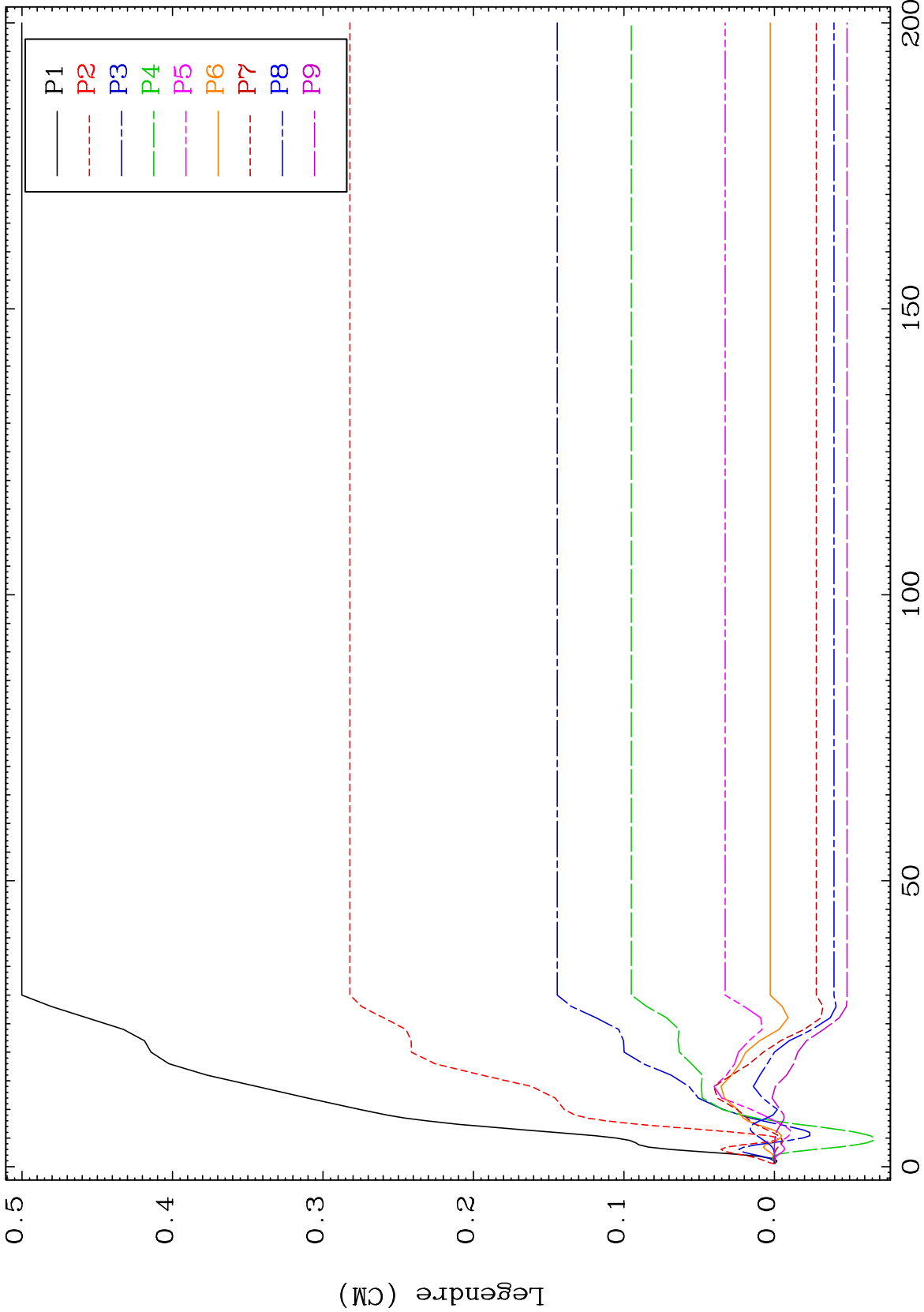
51-Sb-122

MAT 5128

MT= 78 (n,n') Level

51-Sb-122

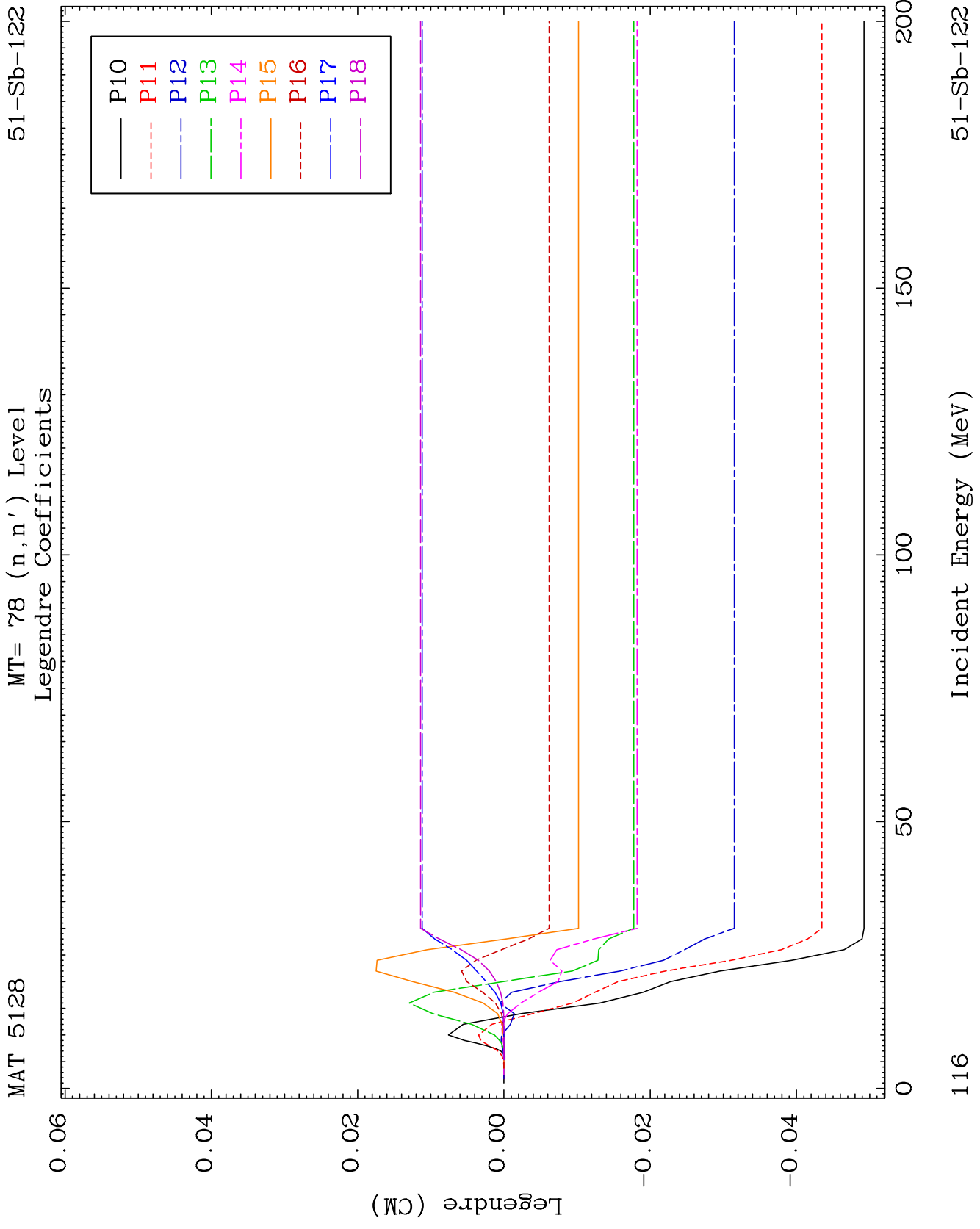
Legendre Coefficients



115

51-Sb-122

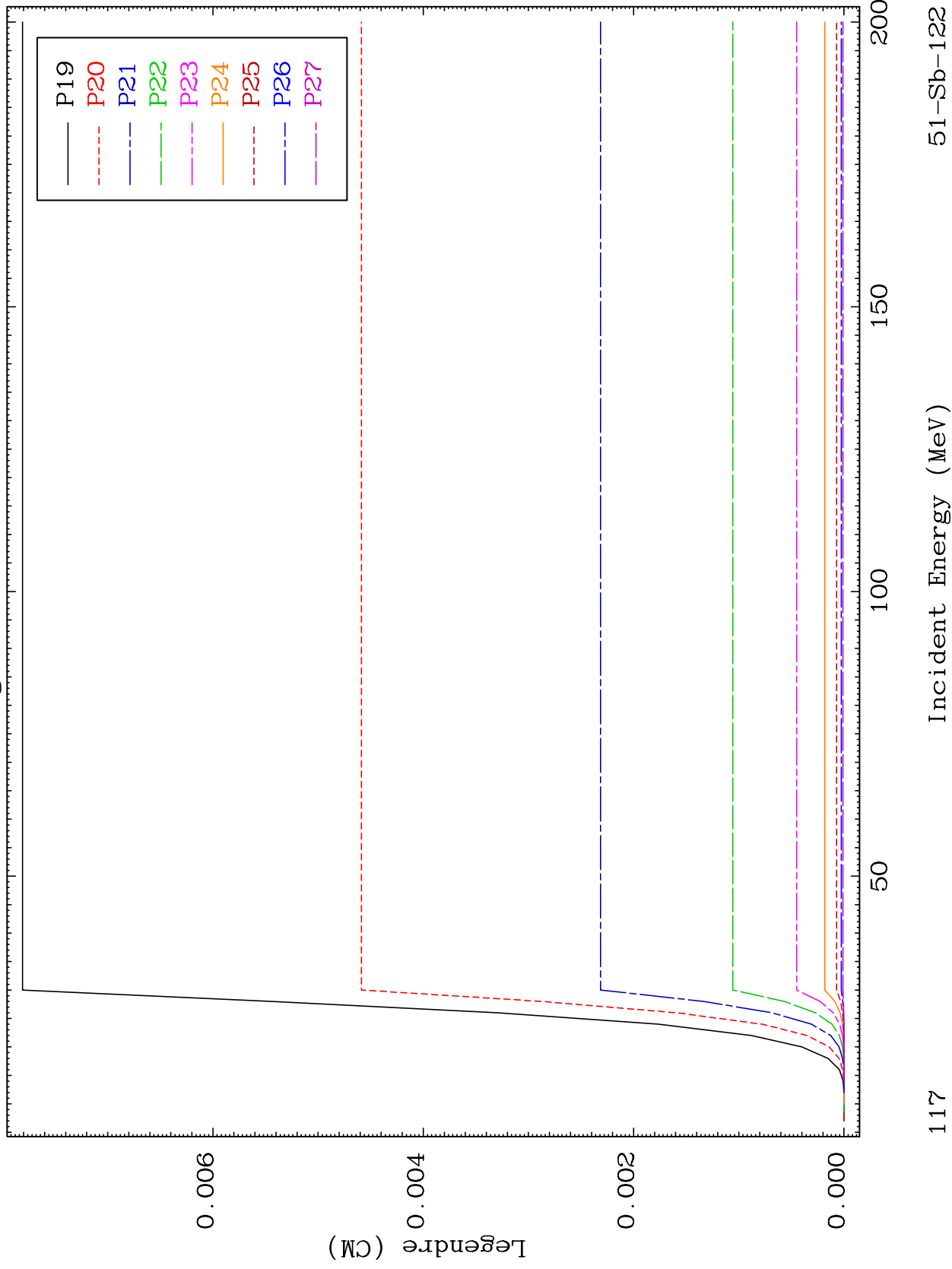
51-Sb-122



MAT 5128

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

51-Sb-122



117

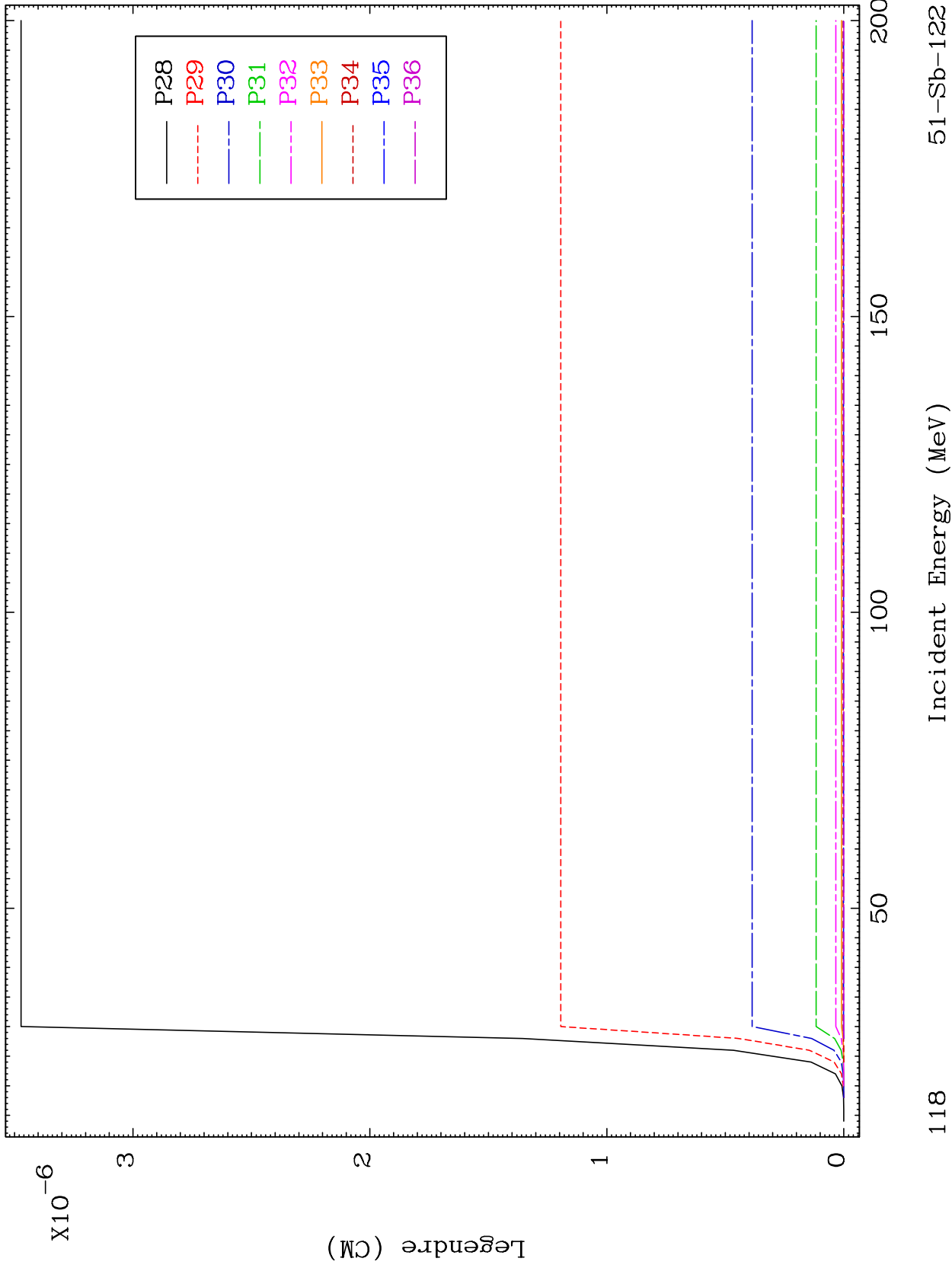
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



118

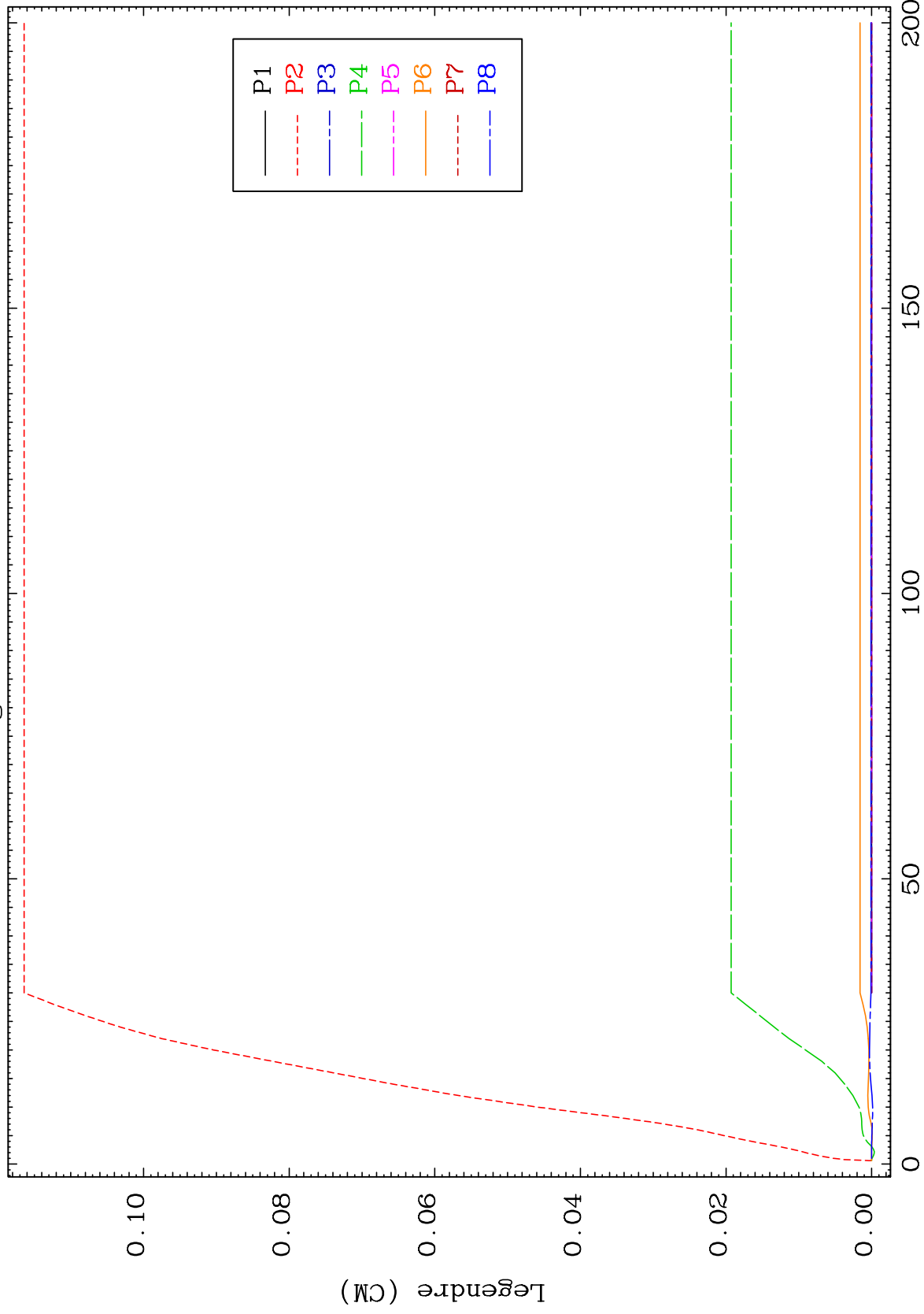
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



119

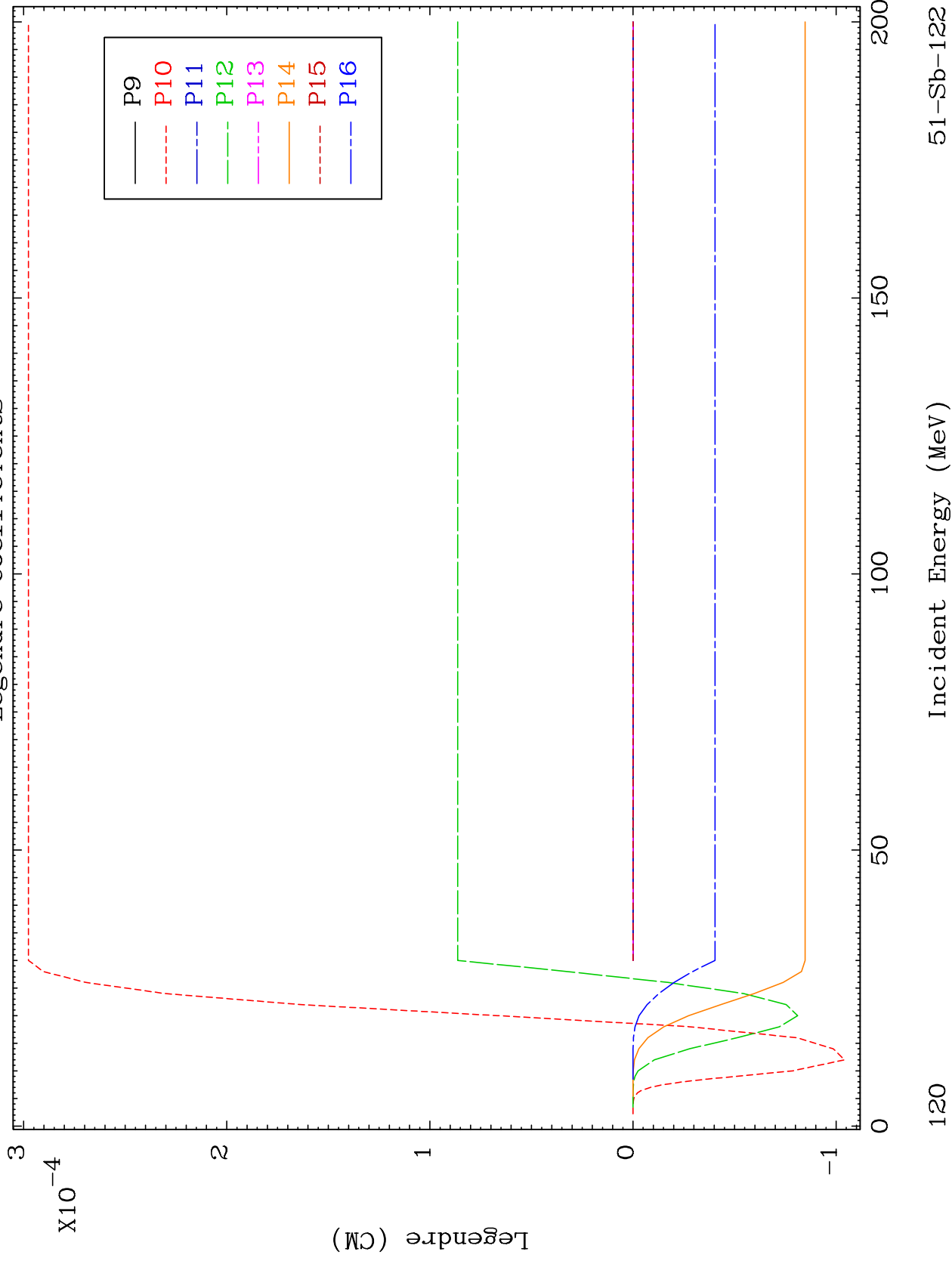
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

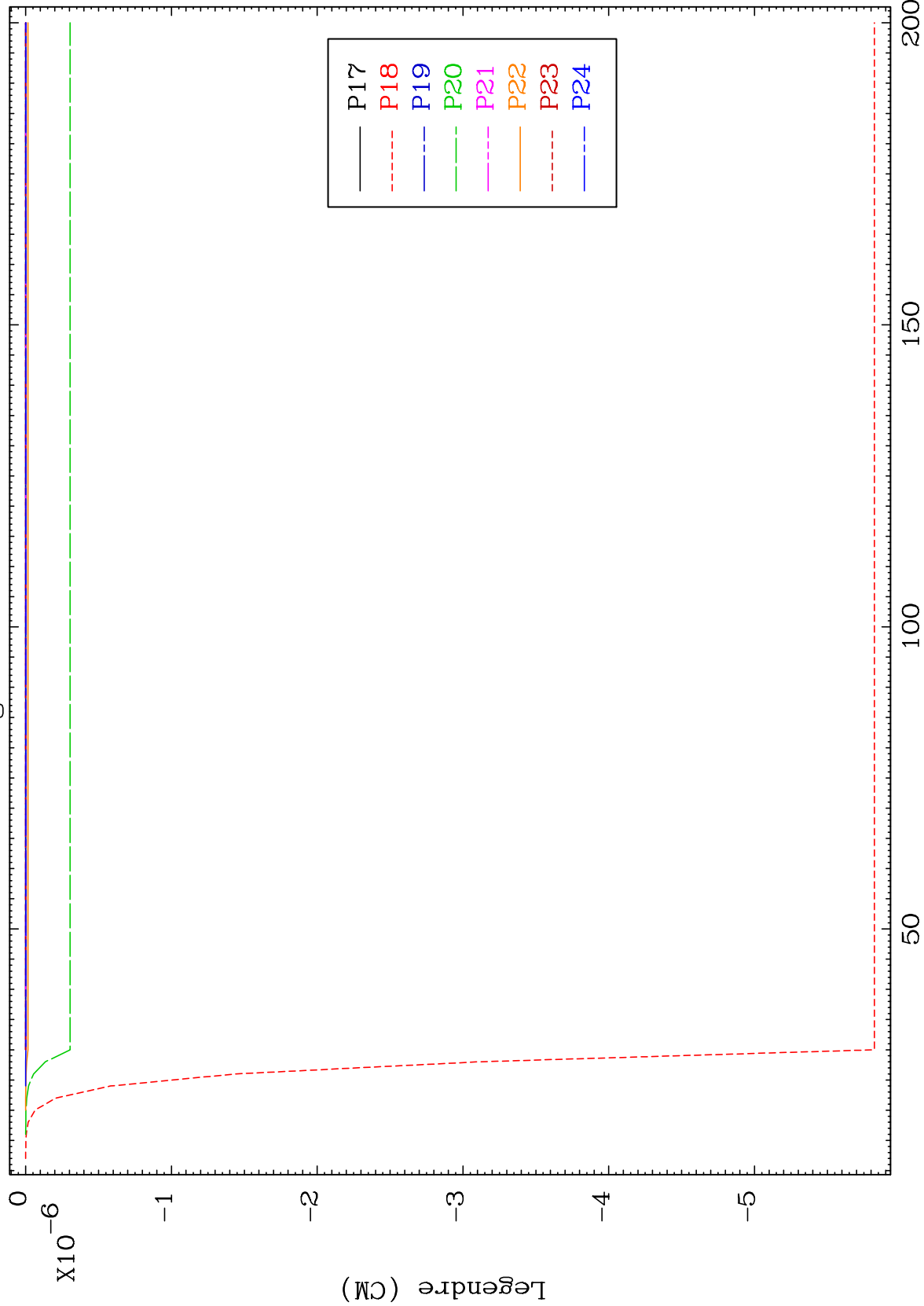
Incident Energy (MeV)

120

MAT 5128

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

51-Sb-122



121

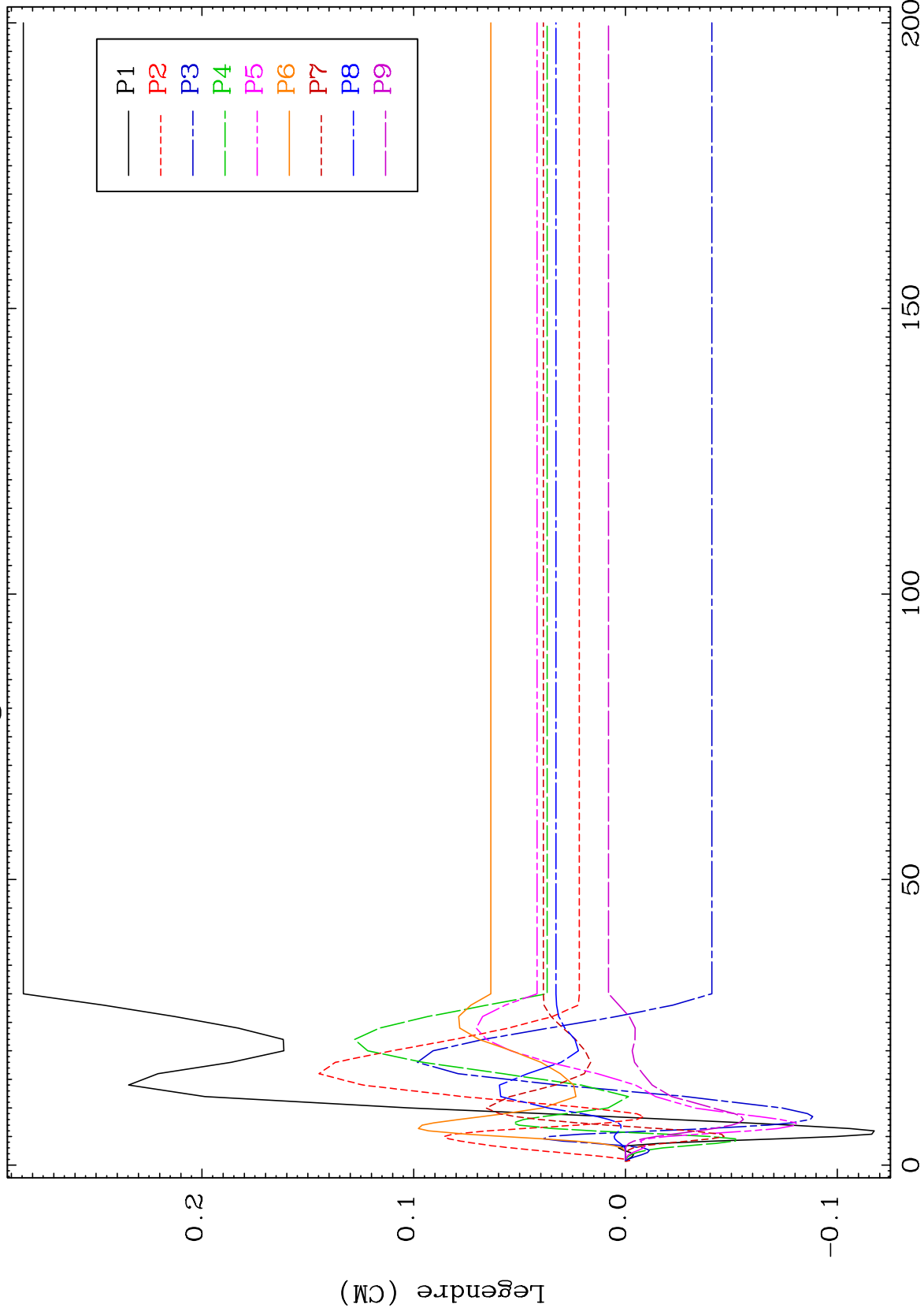
Incident Energy (MeV)

51-Sb-122

MAT 5128

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

51-Sb-122



51-Sb-122

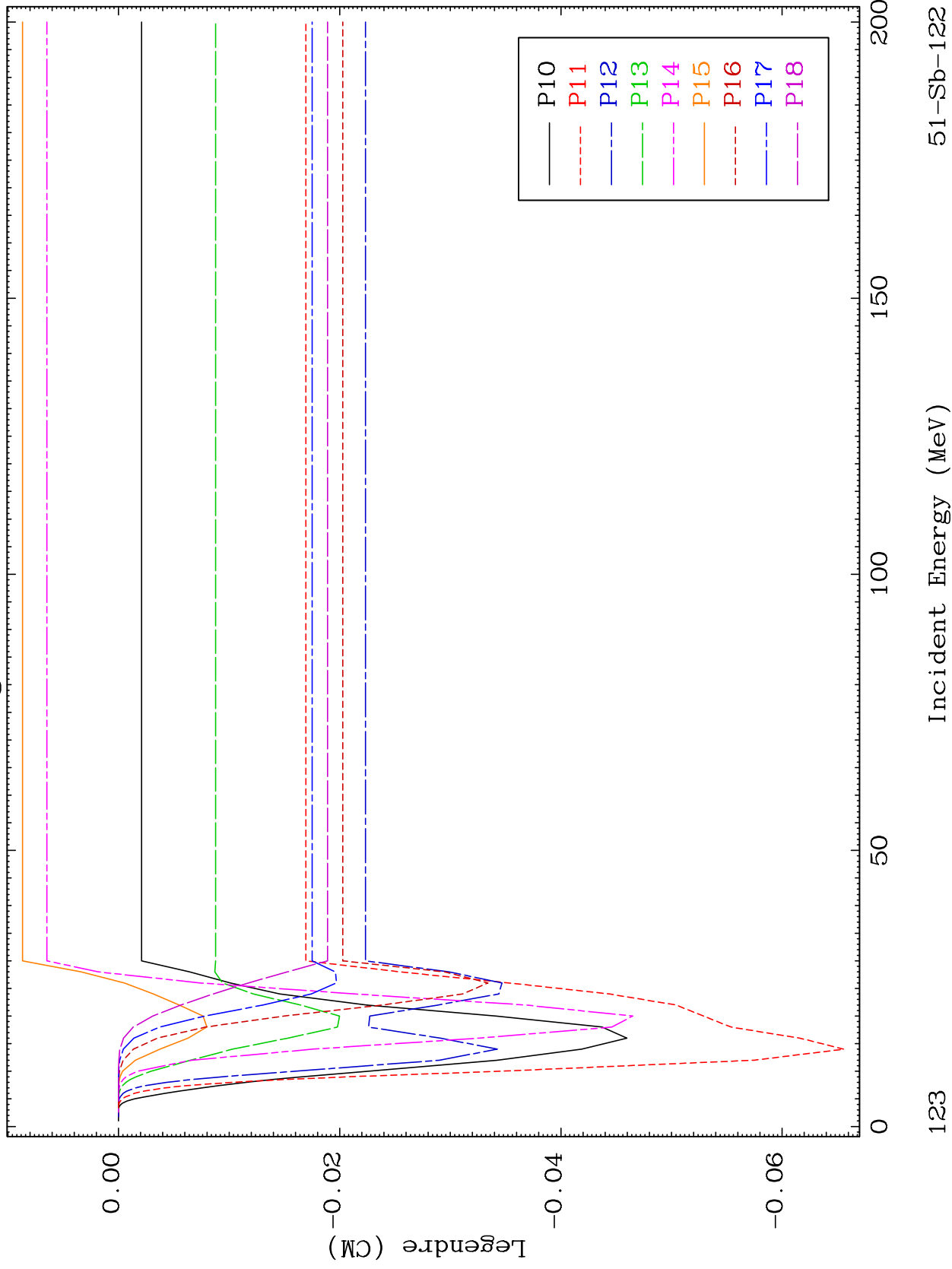
Incident Energy (MeV)

122

MAT 5128

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

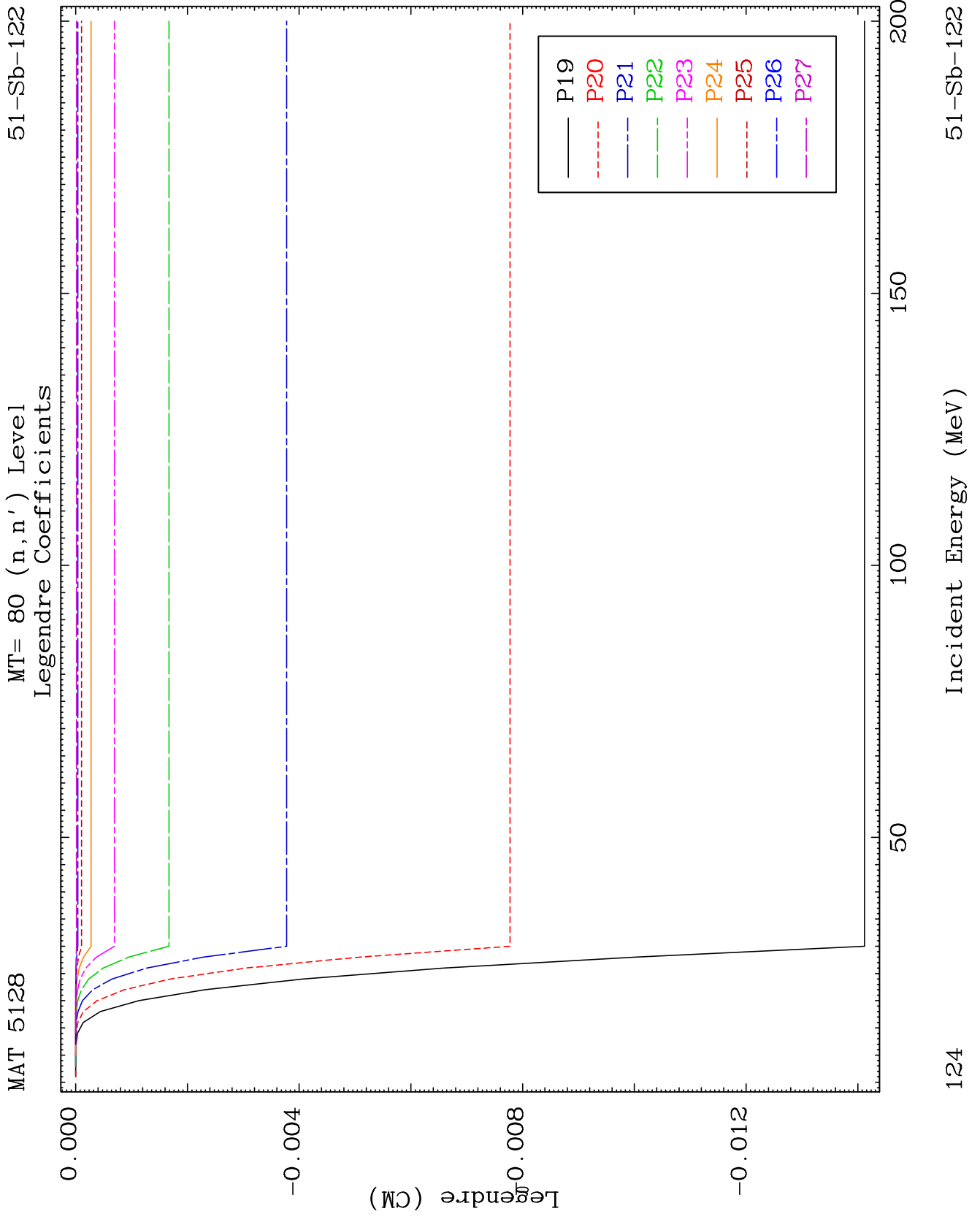
51-Sb-122

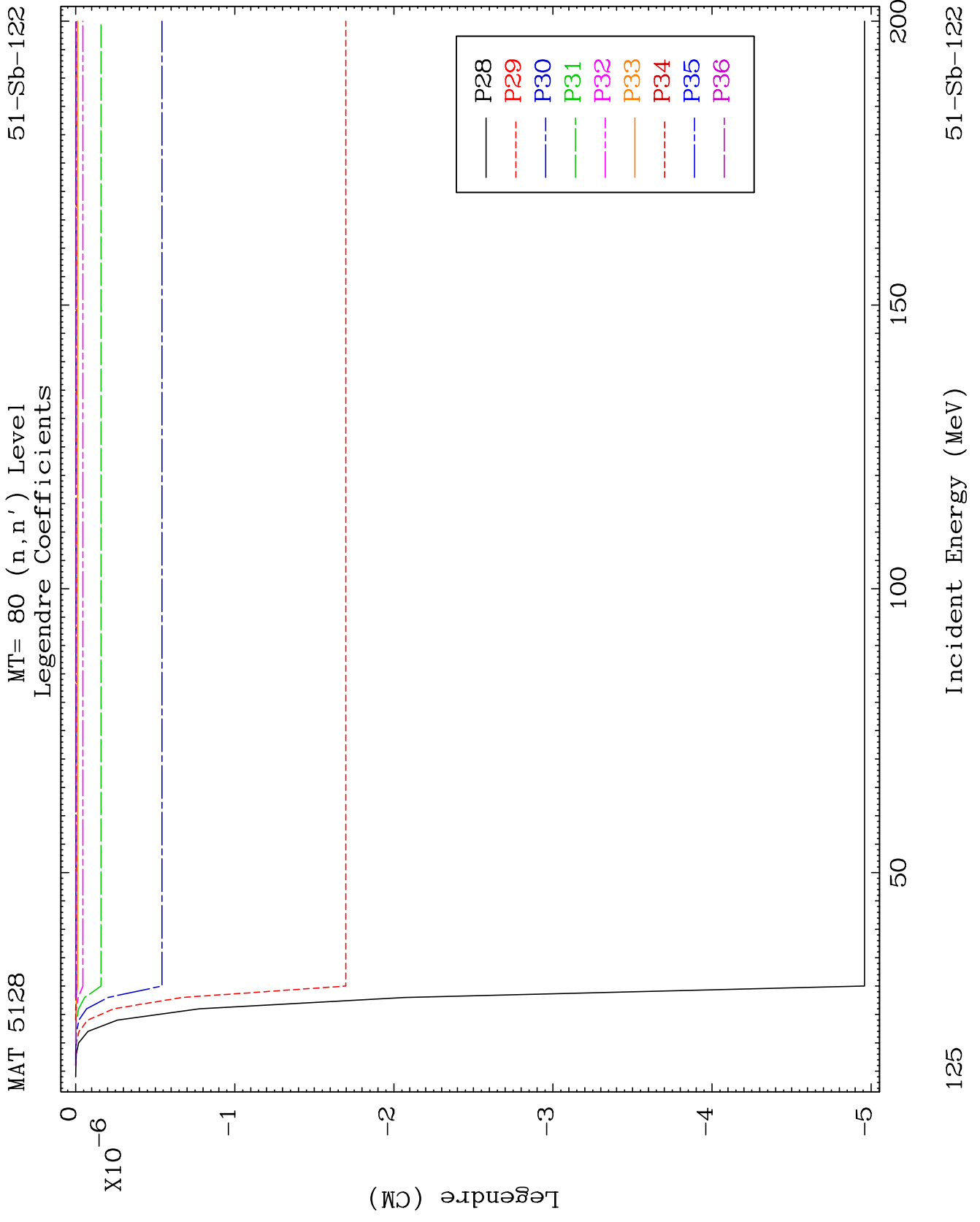


51-Sb-122

Incident Energy (MeV)

123

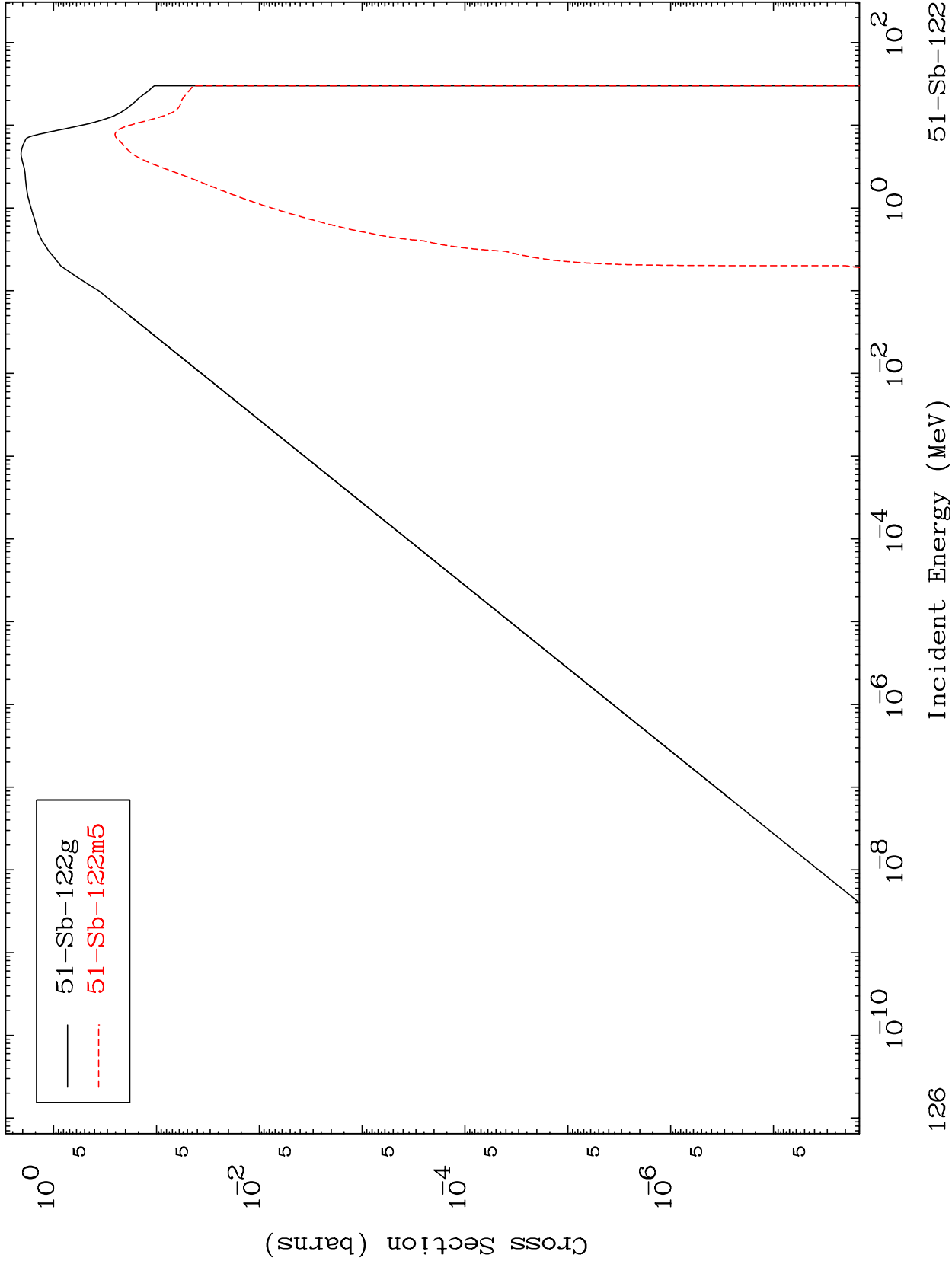




MAT 5128

Inelastic
Radionuclide Production Cross Section

51-Sb-122

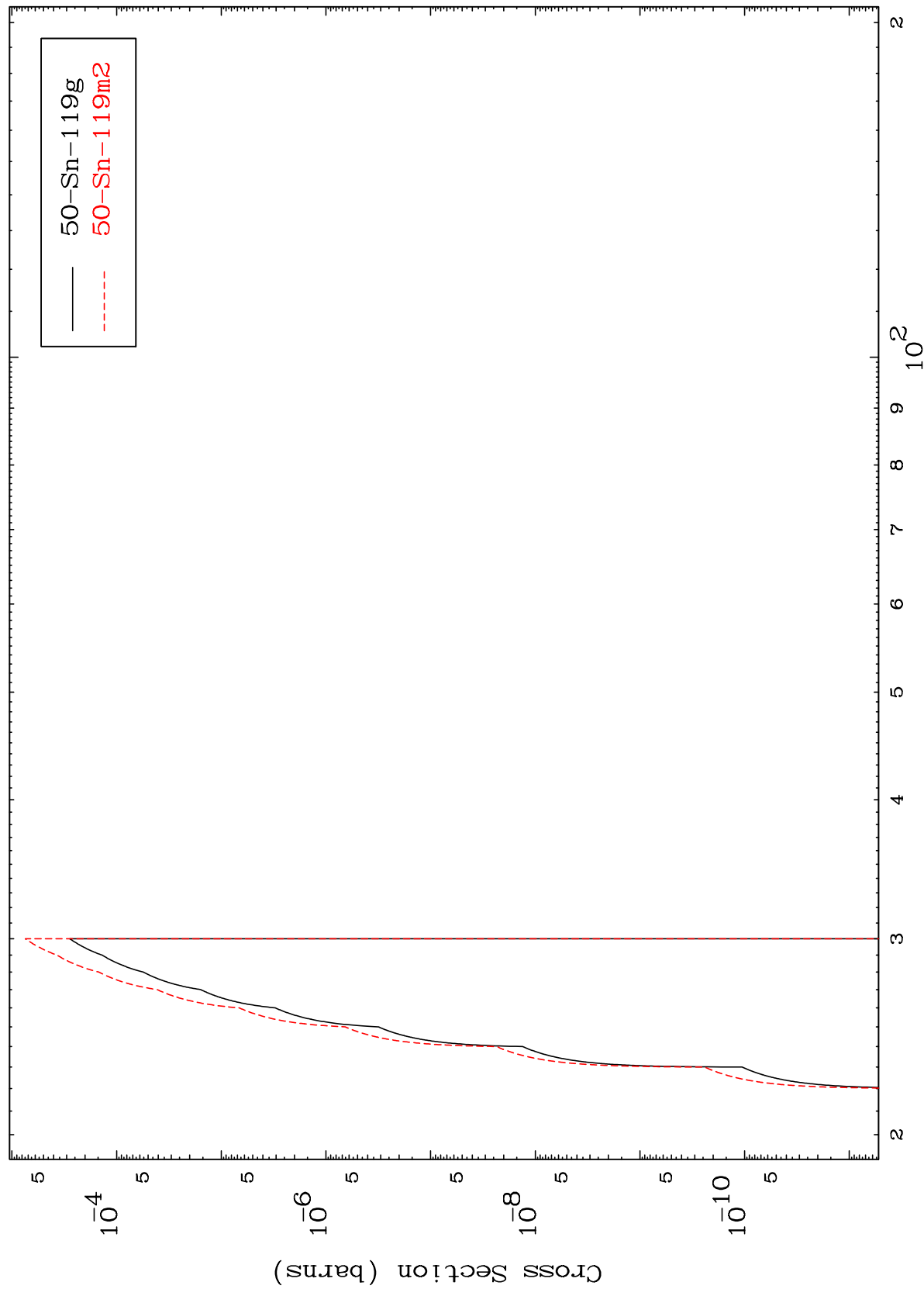


MAT 5128

(n,2n) d

51-Sb-122

Radionuclide Production Cross Section

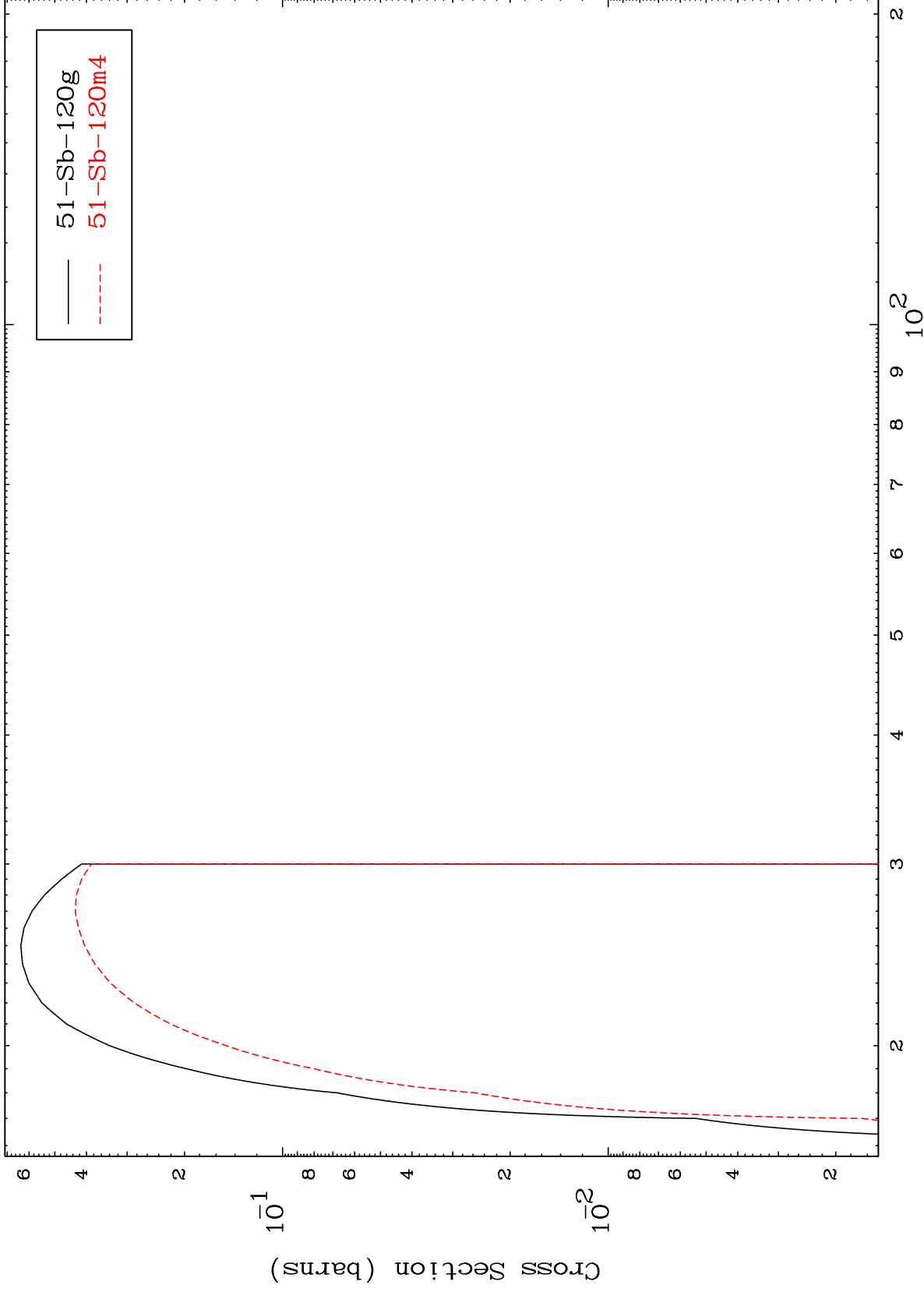


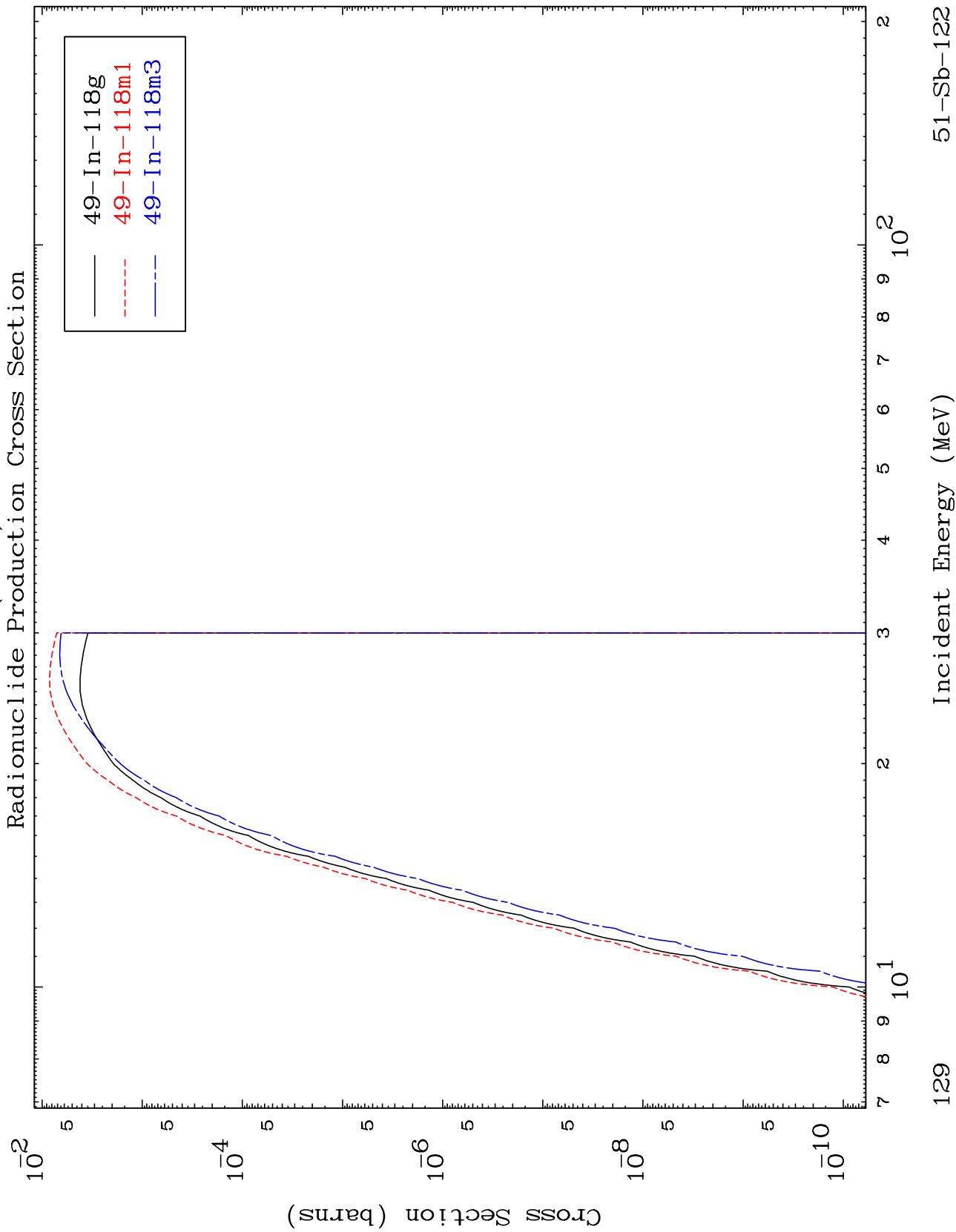
127

Incident Energy (MeV)

51-Sb-122

Radionuclide Production Cross Section



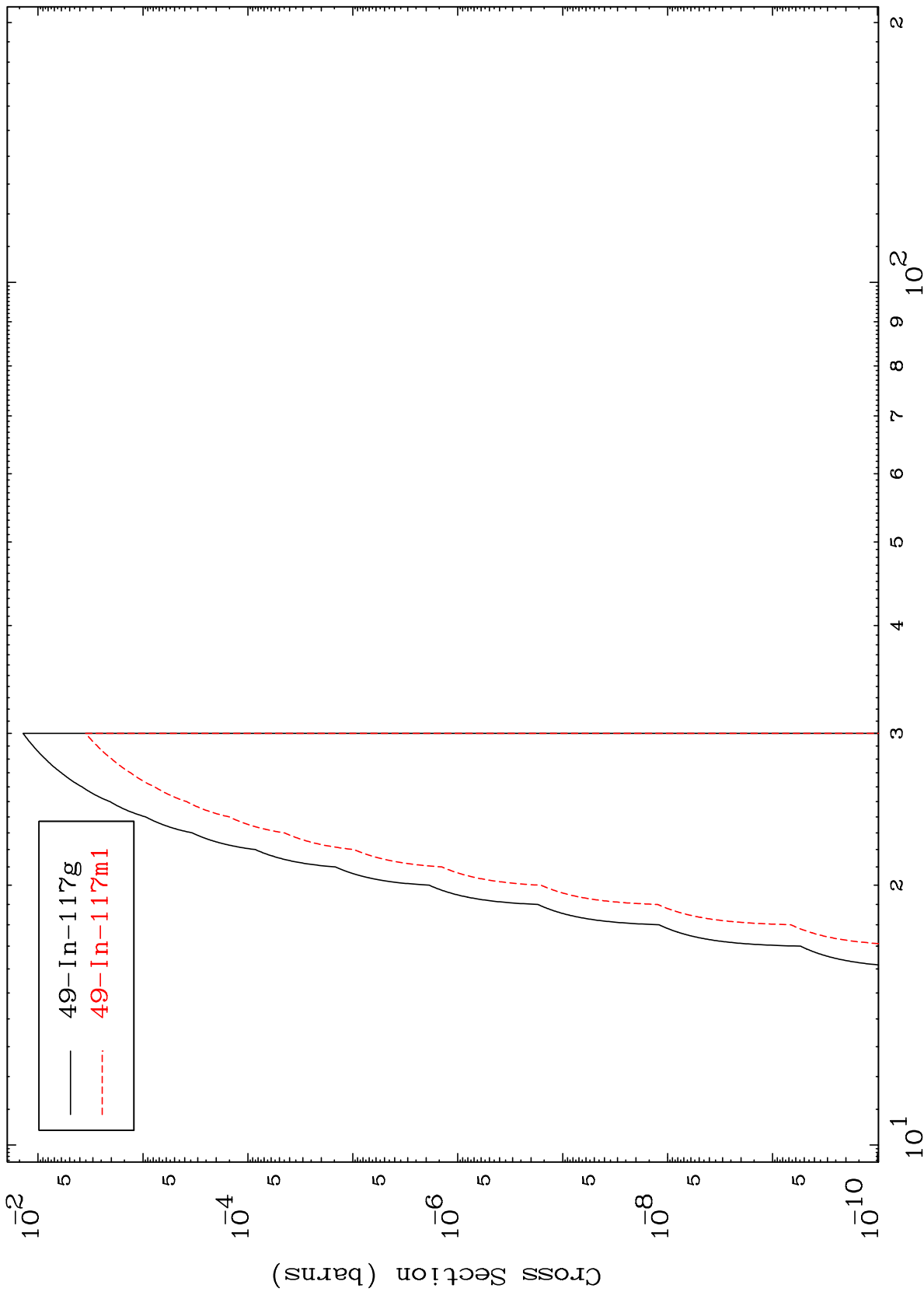


MAT 5128

(n,2n) α

51-Sb-122

Radionuclide Production Cross Section



130

Incident Energy (MeV)

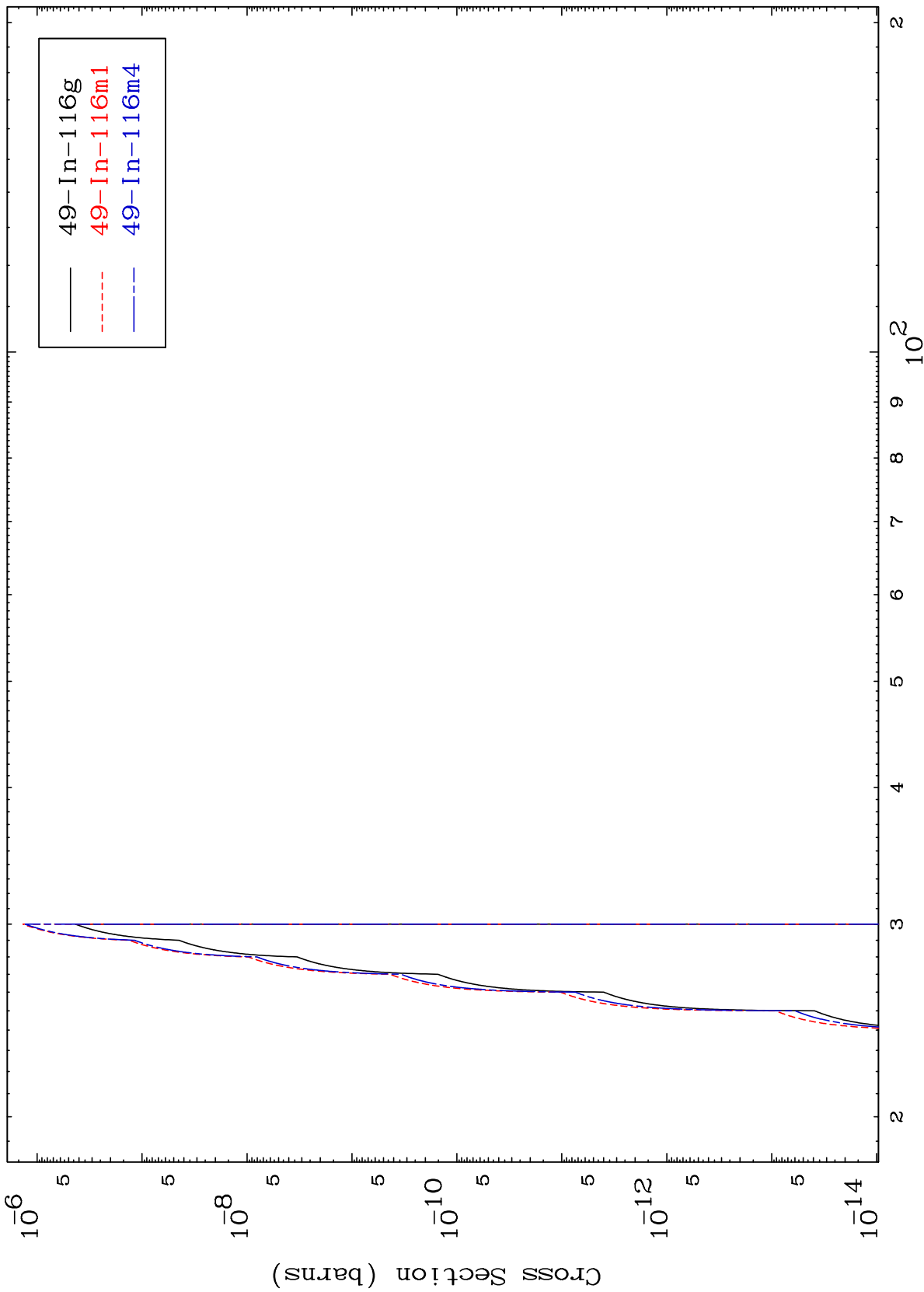
51-Sb-122

MAT 5128

(n,3n) α

51-Sb-122

Radionuclide Production Cross Section



131

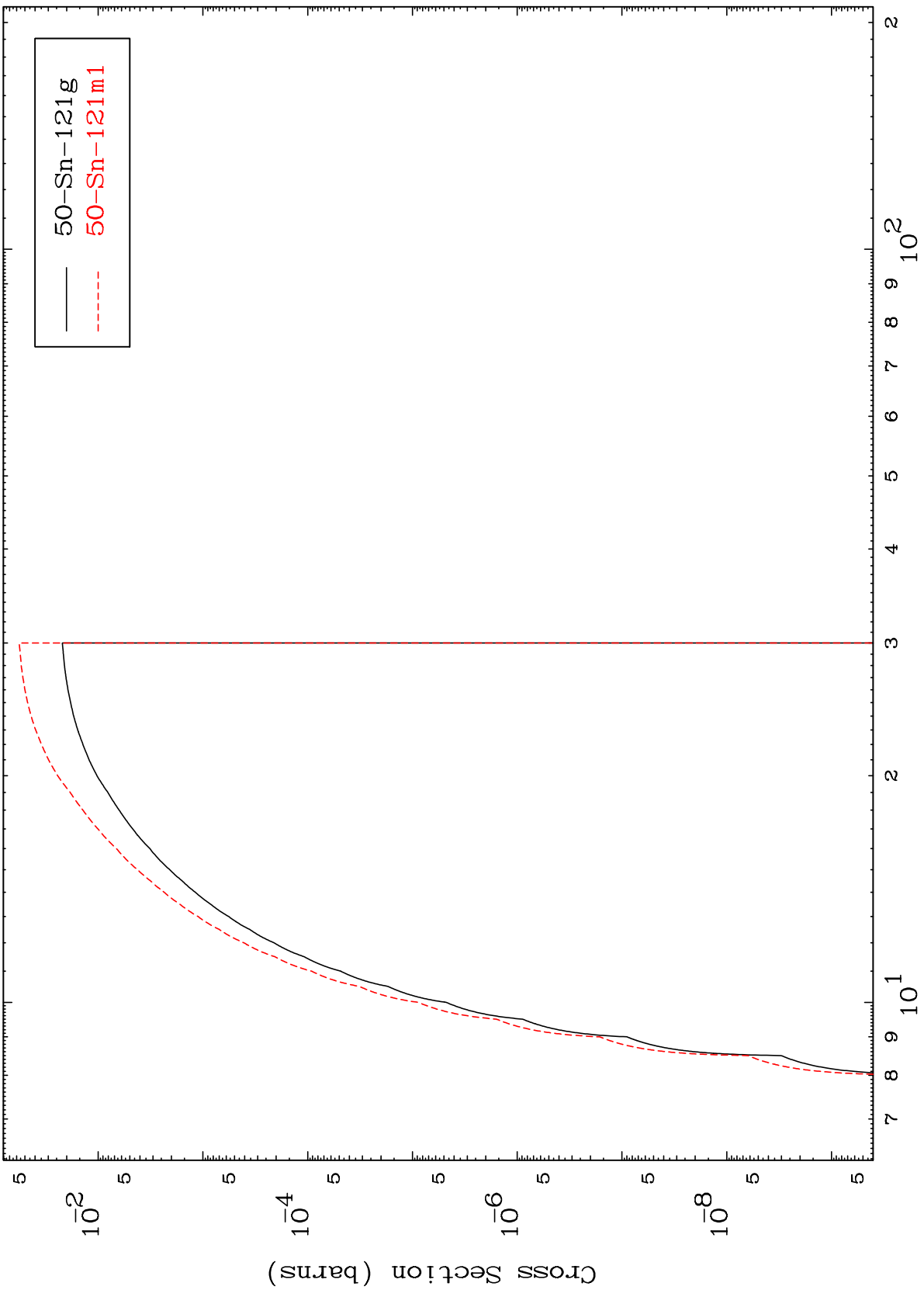
Incident Energy (MeV)

51-Sb-122

MAT 5128

51-Sb-122

(n, n') p
Radionuclide Production Cross Section

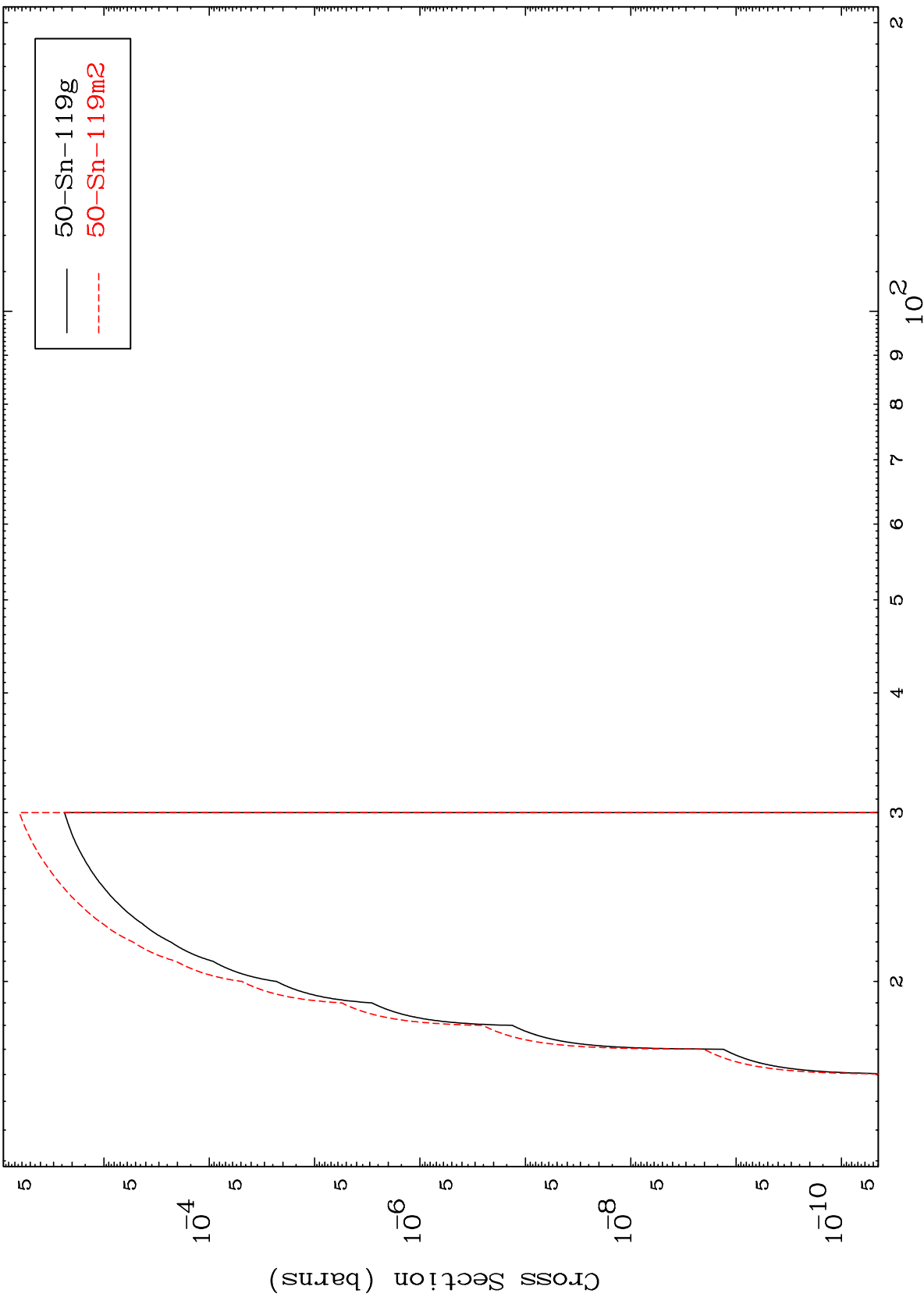


51-Sb-122

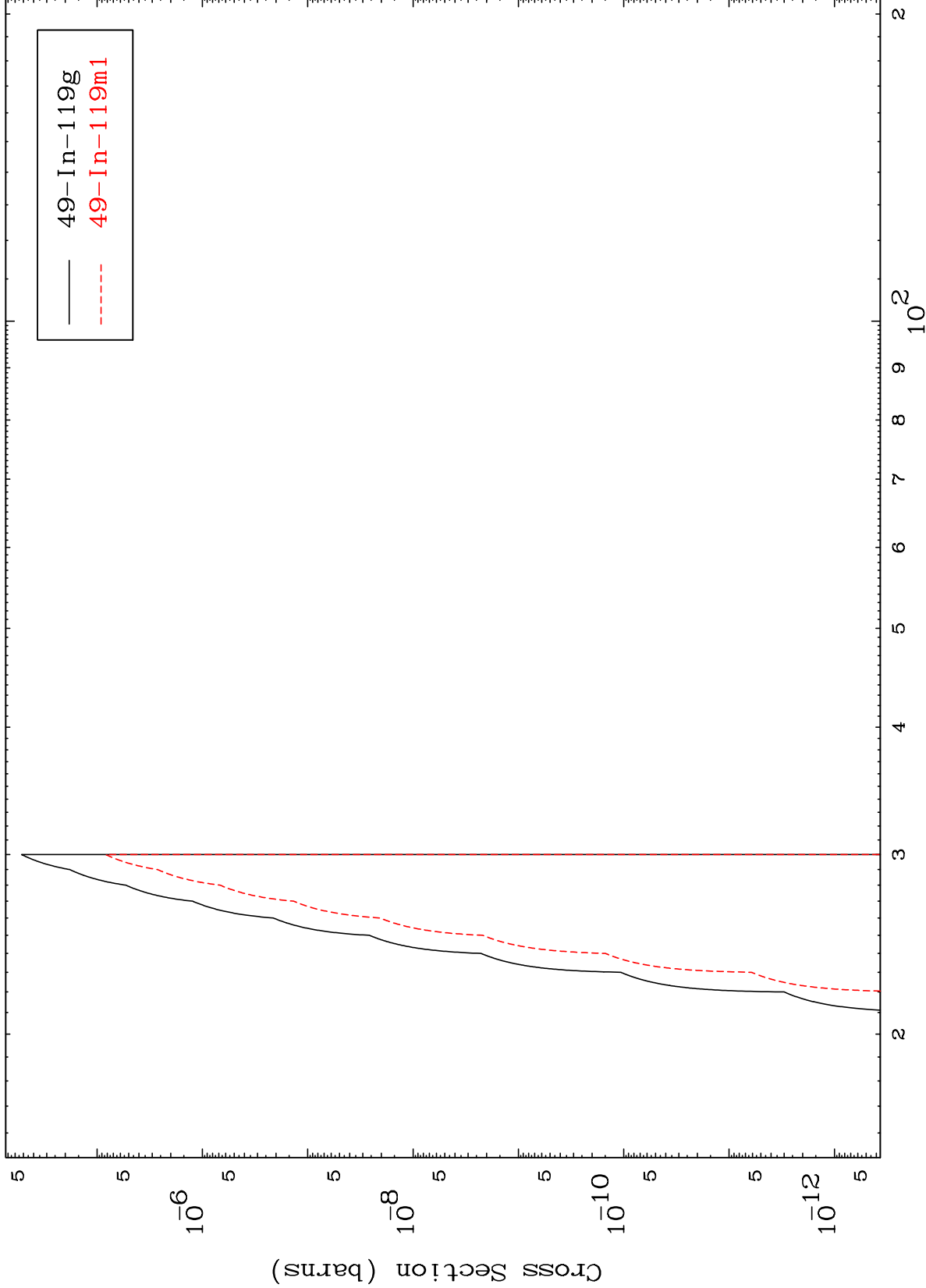
Incident Energy (MeV)

132

Radionuclide Production Cross Section



Radionuclide Production Cross Section

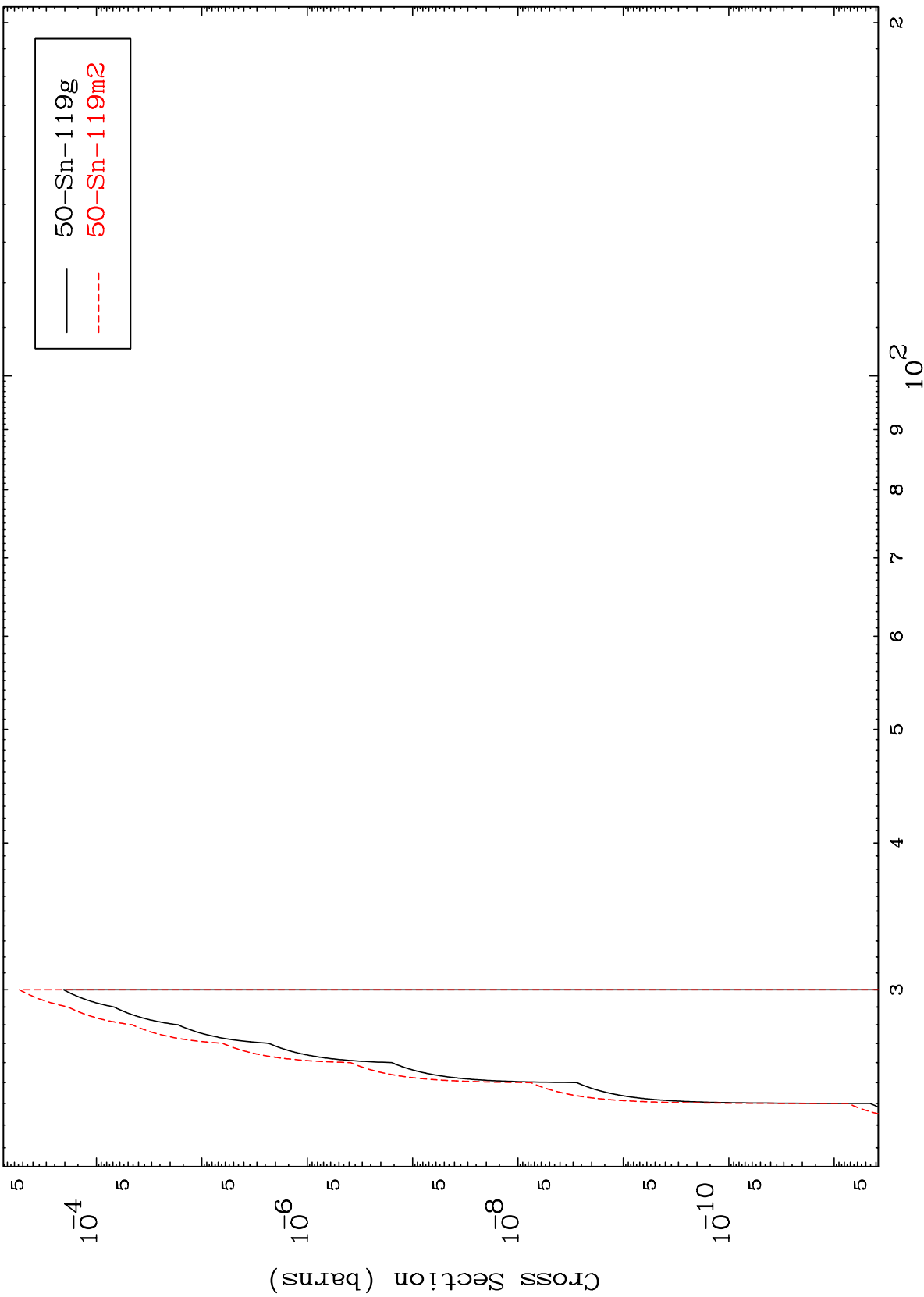


MAT 5128

(n,3n) p

51-Sb-122

Radionuclide Production Cross Section

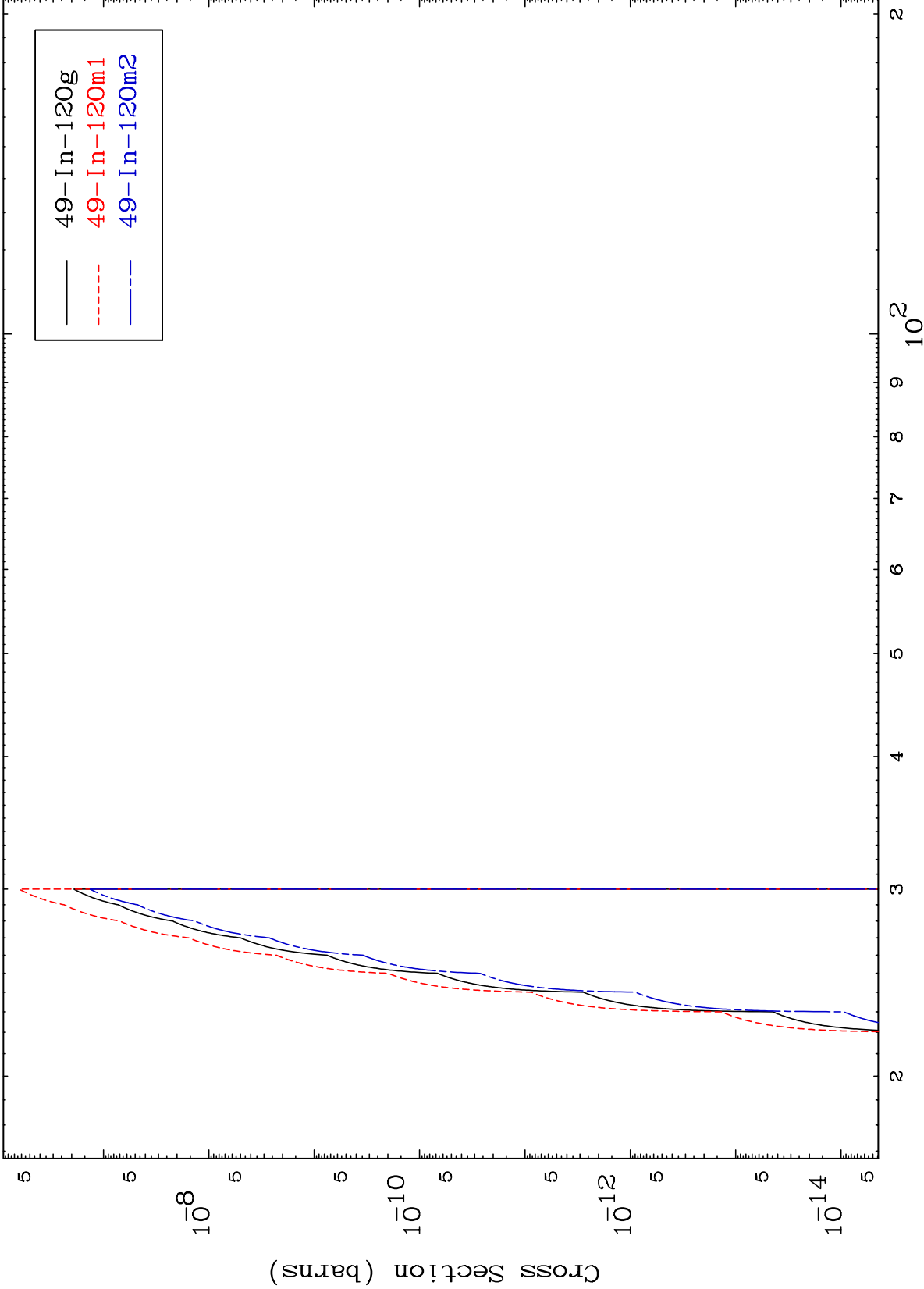


135

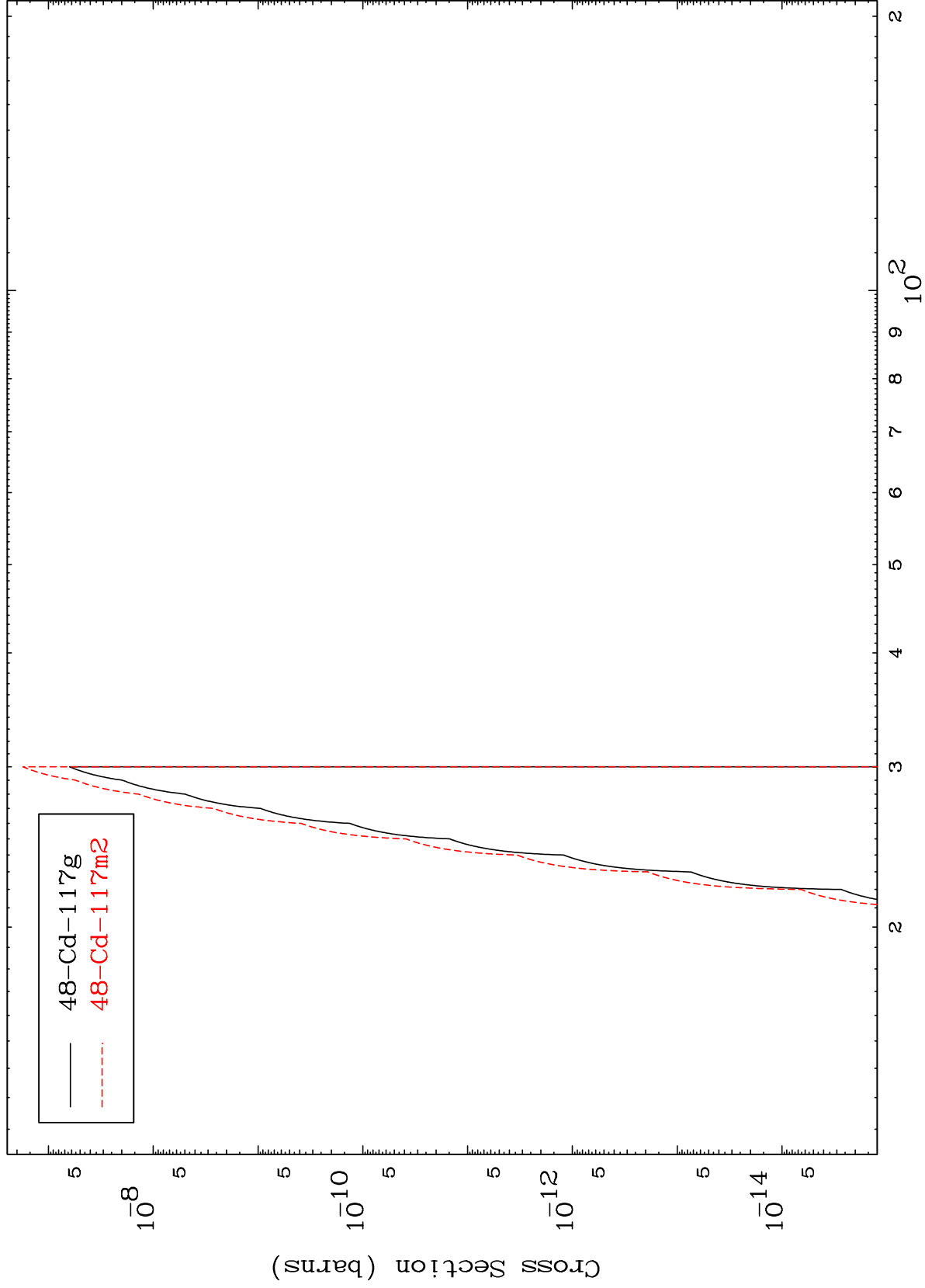
Incident Energy (MeV)

51-Sb-122

Radionuclide Production Cross Section



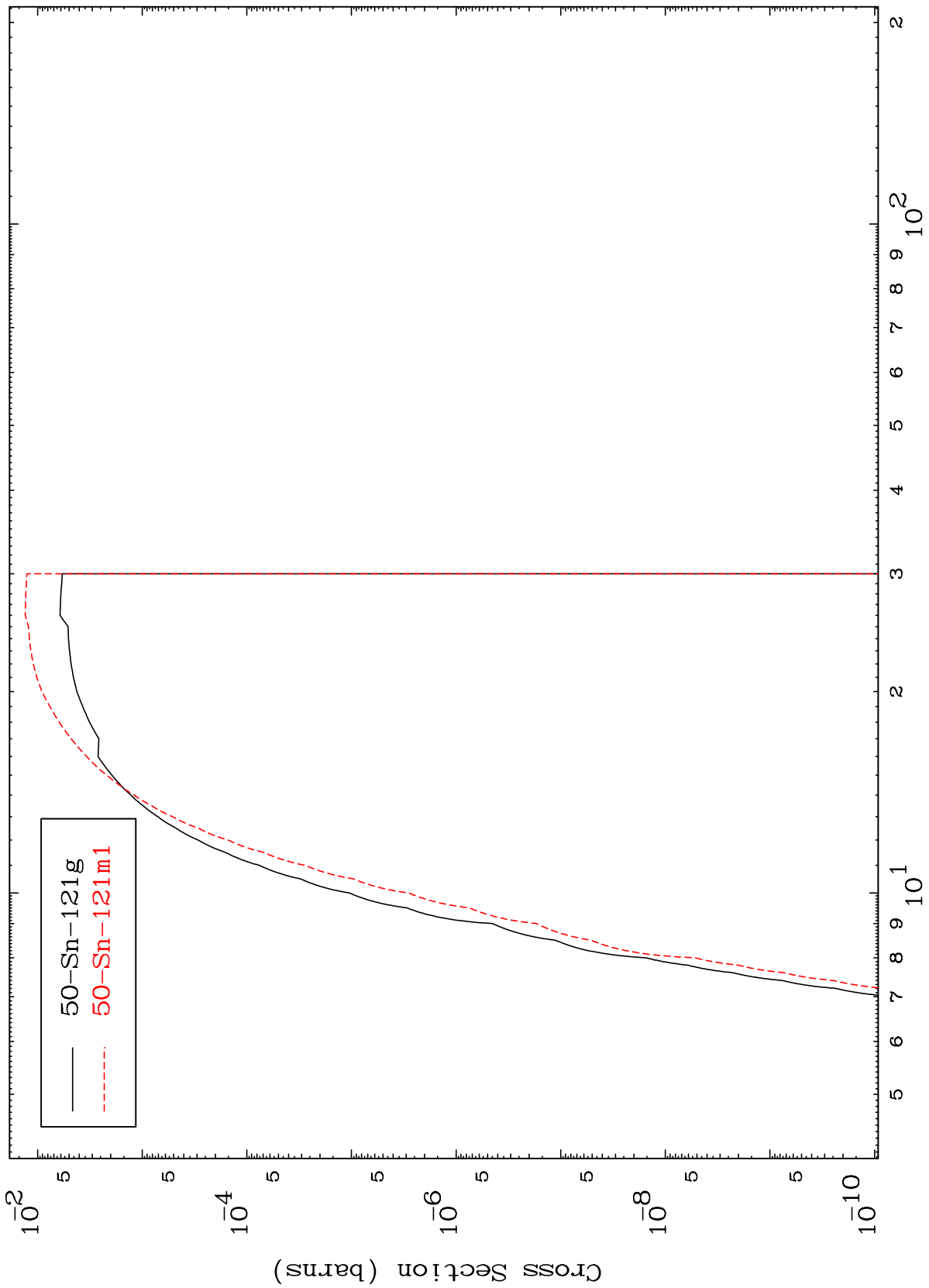
Radionuclide Production Cross Section



MAT 5128

51-Sb-122

(n,d)
Radionuclide Production Cross Section

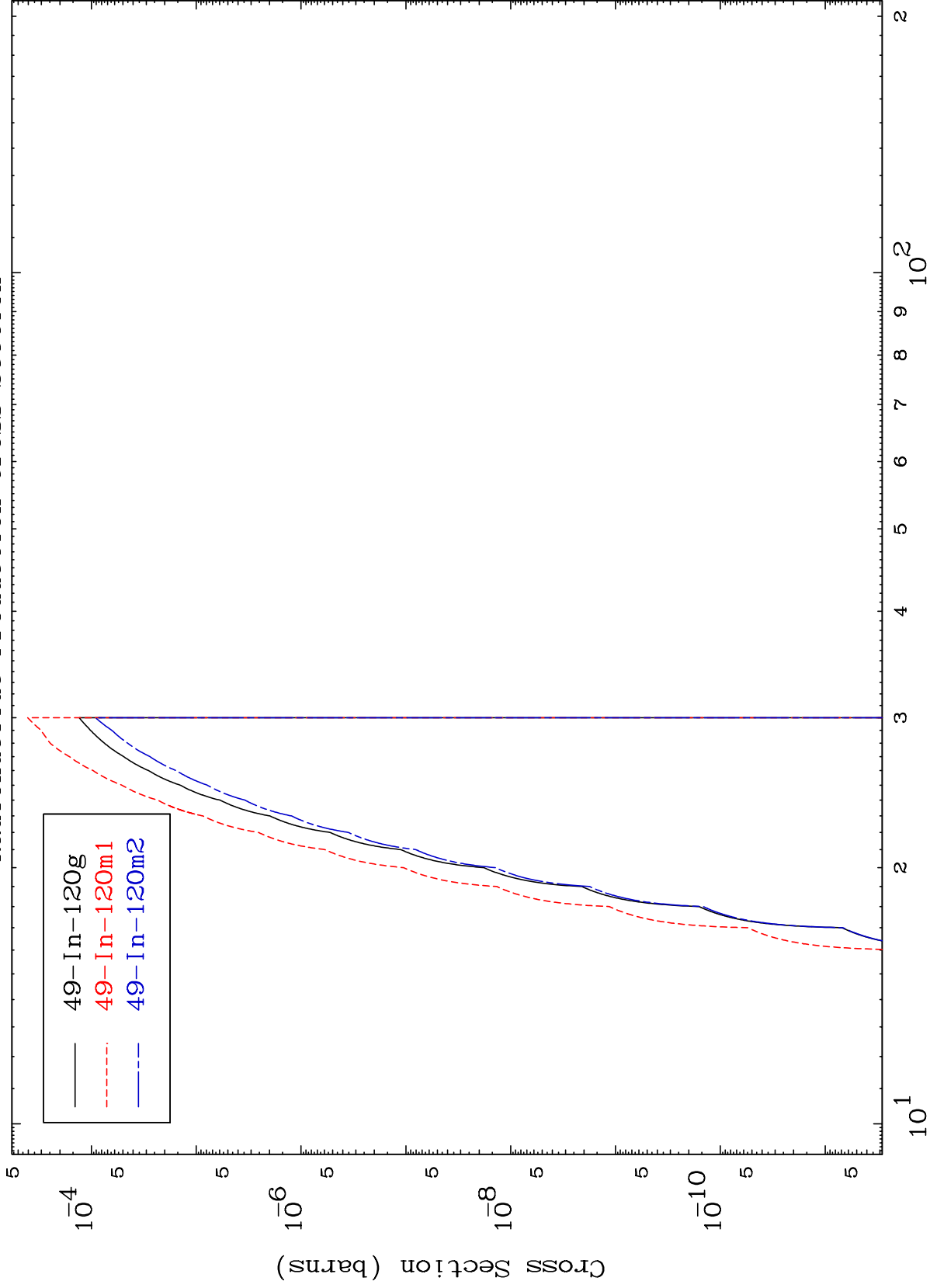


138

Incident Energy (MeV)

51-Sb-122

Radionuclide Production Cross Section

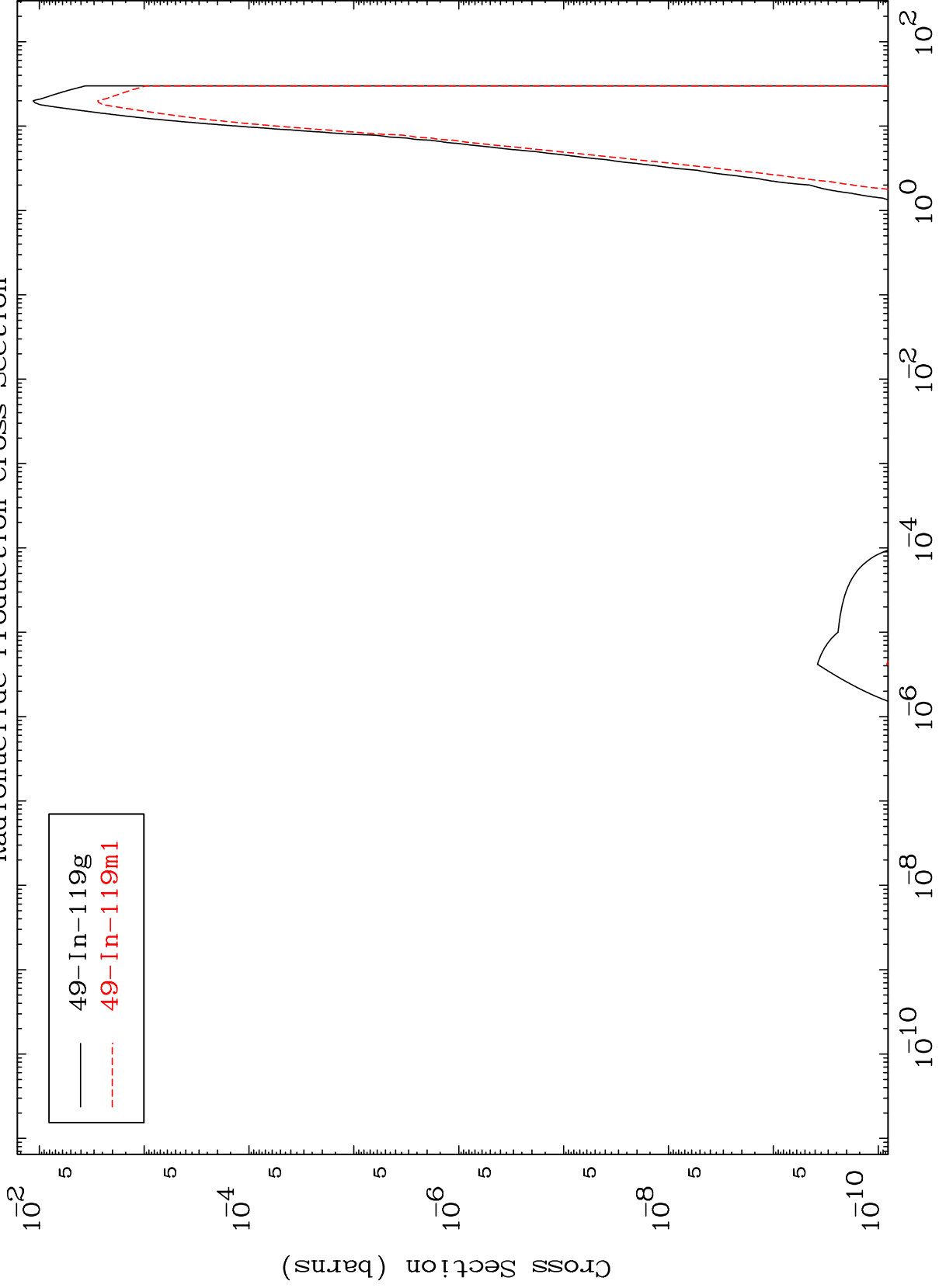


MAT 5128

(n, α)

51-Sb-122

Radionuclide Production Cross Section



140

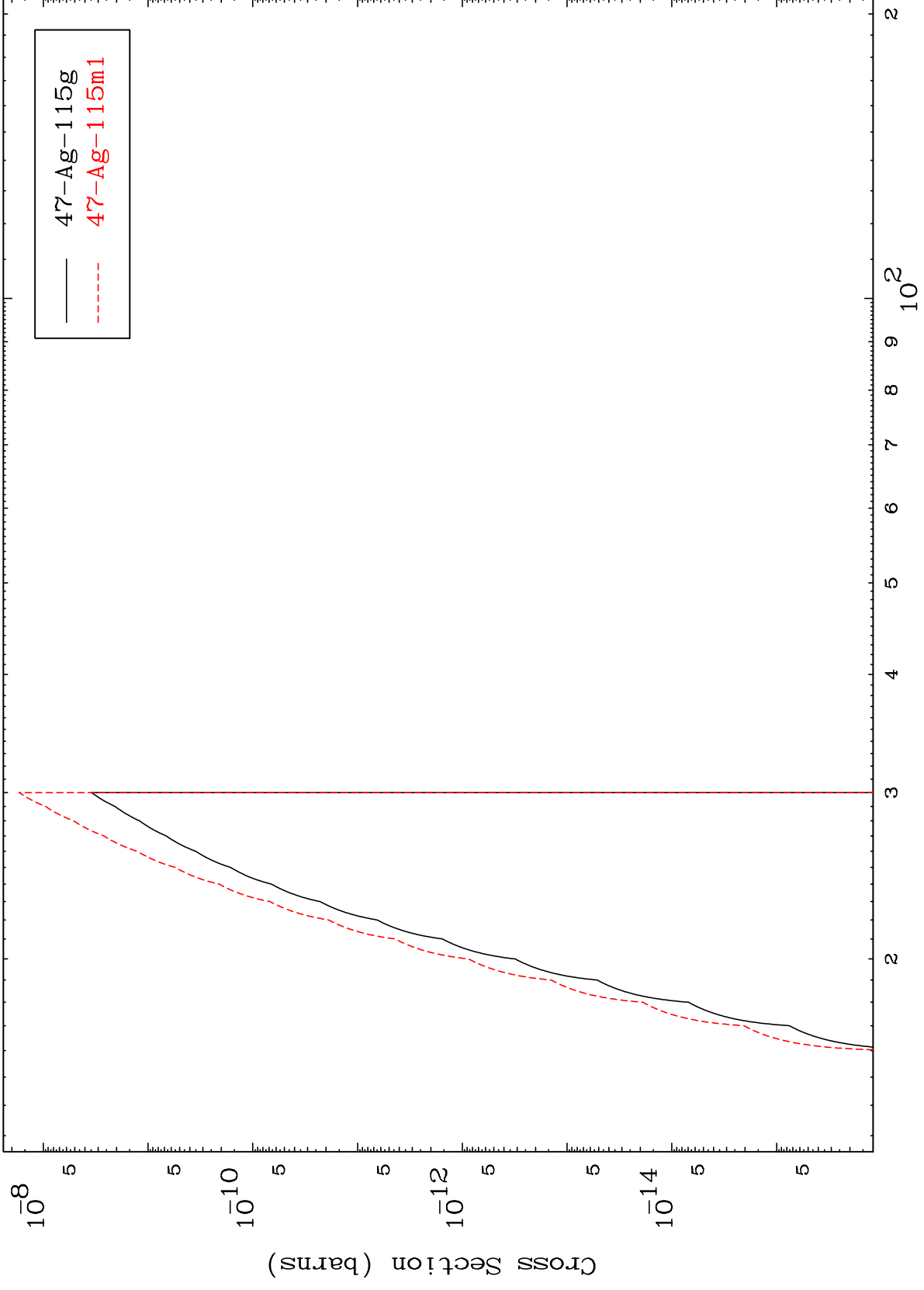
Incident Energy (MeV)

51-Sb-122

MAT 5128

51-Sb-122

(n,2α)
Radionuclide Production Cross Section



— 47-Ag-115g
- - - 47-Ag-115m1

141

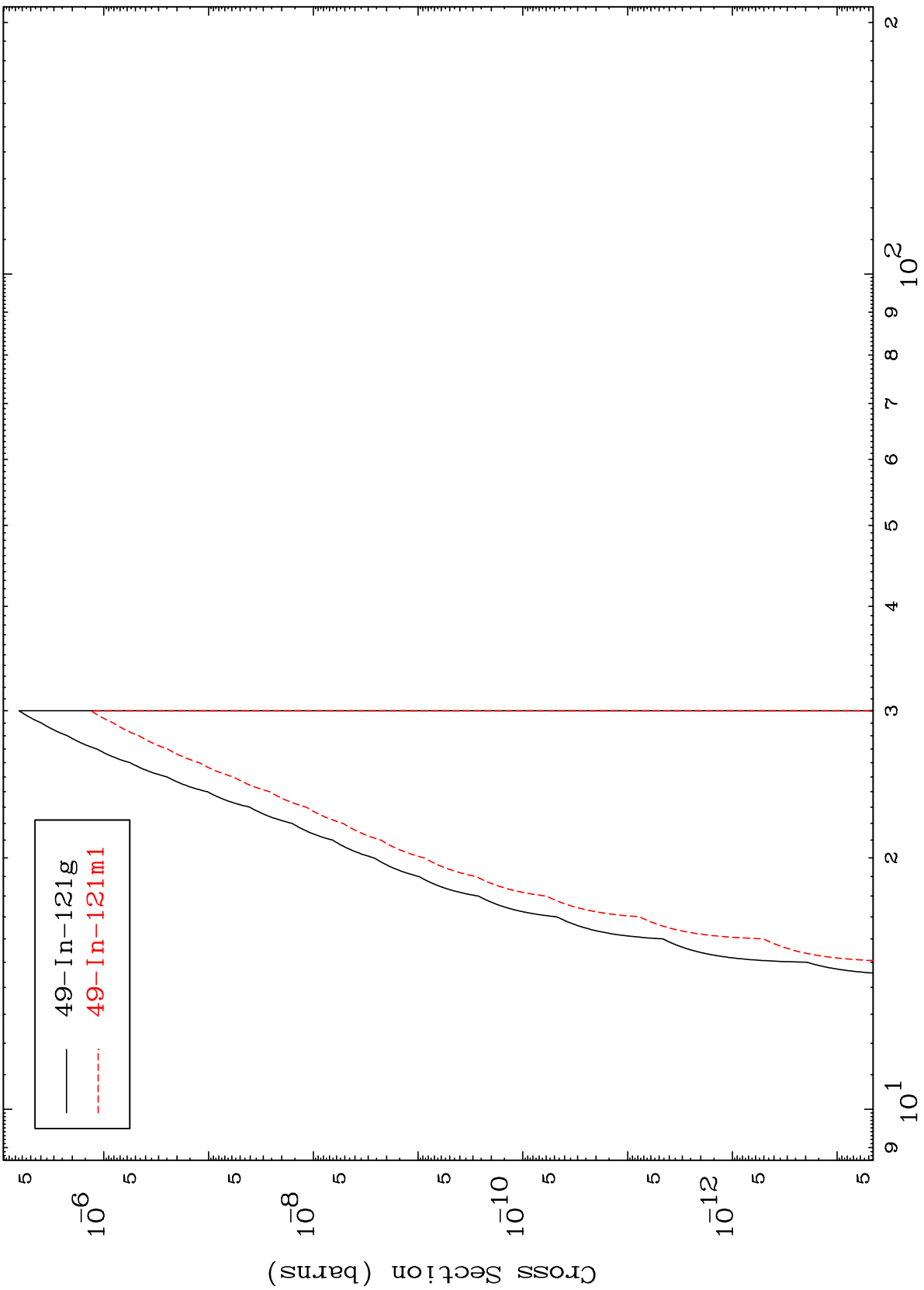
51-Sb-122

Incident Energy (MeV)

MAT 5128

51-Sb-122

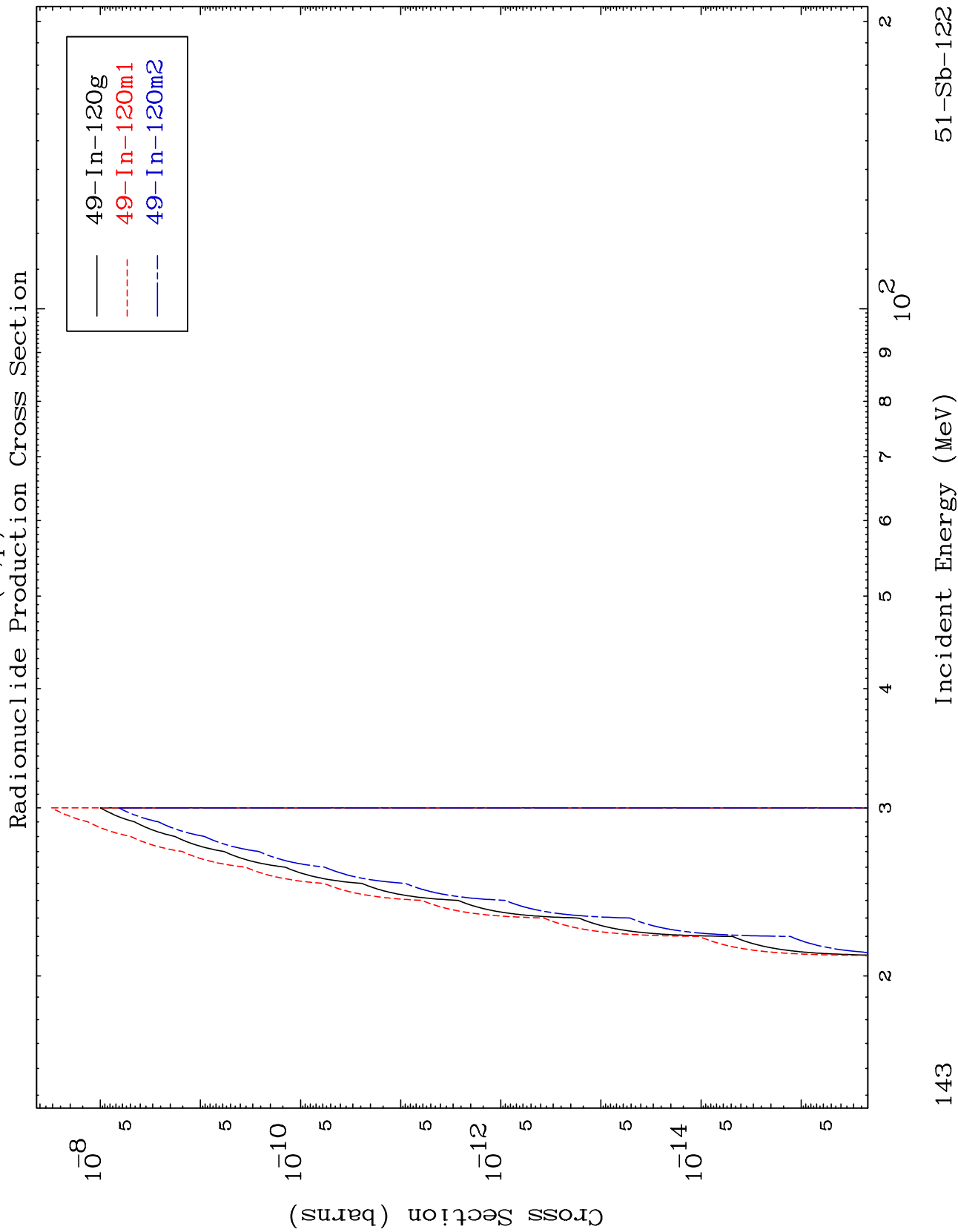
(n,2p)
Radionuclide Production Cross Section



51-Sb-122

Incident Energy (MeV)

142

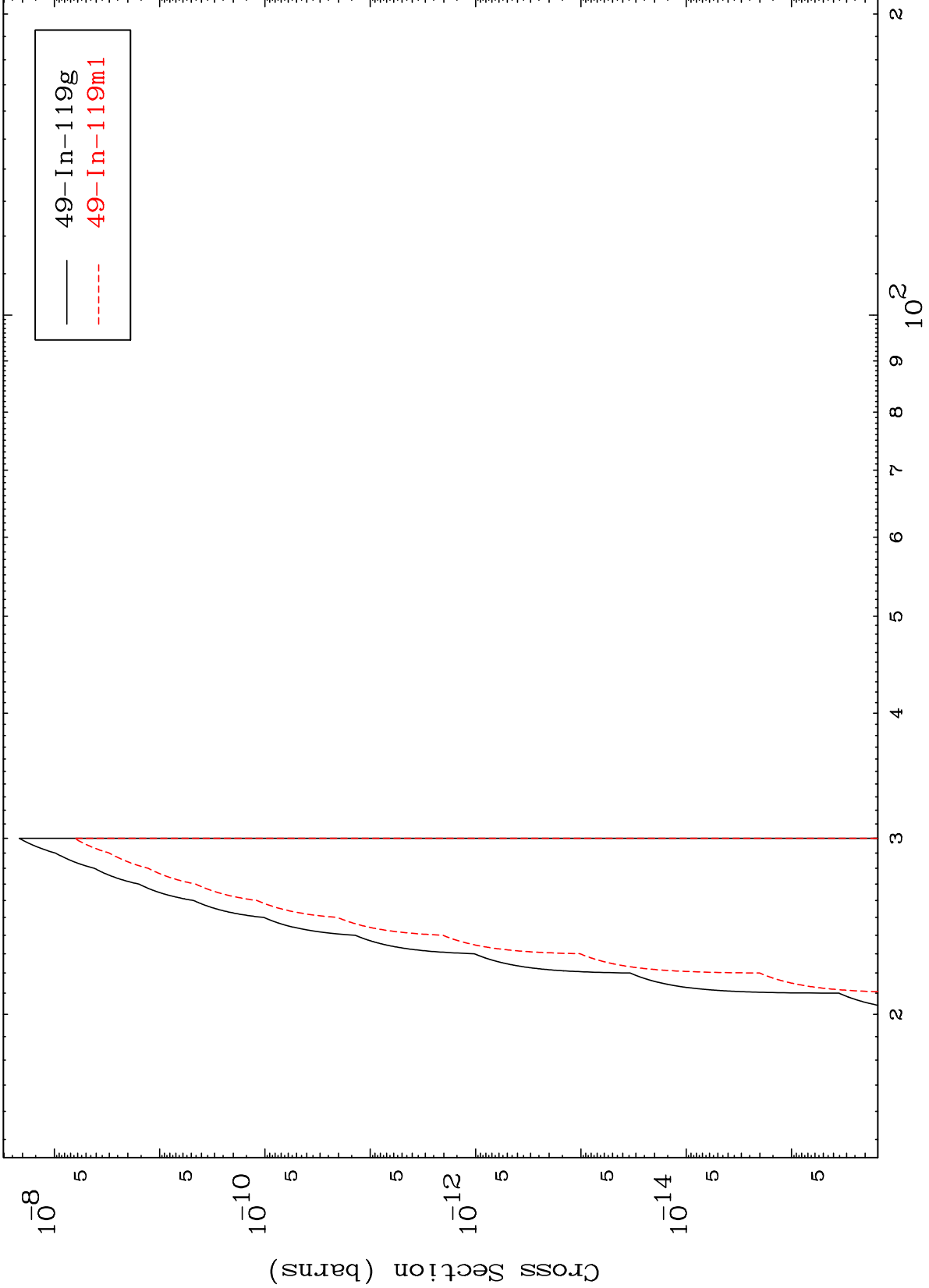


MAT 5128

(n,p) t

51-Sb-122

Radionuclide Production Cross Section



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

144

Incident Energy (MeV)

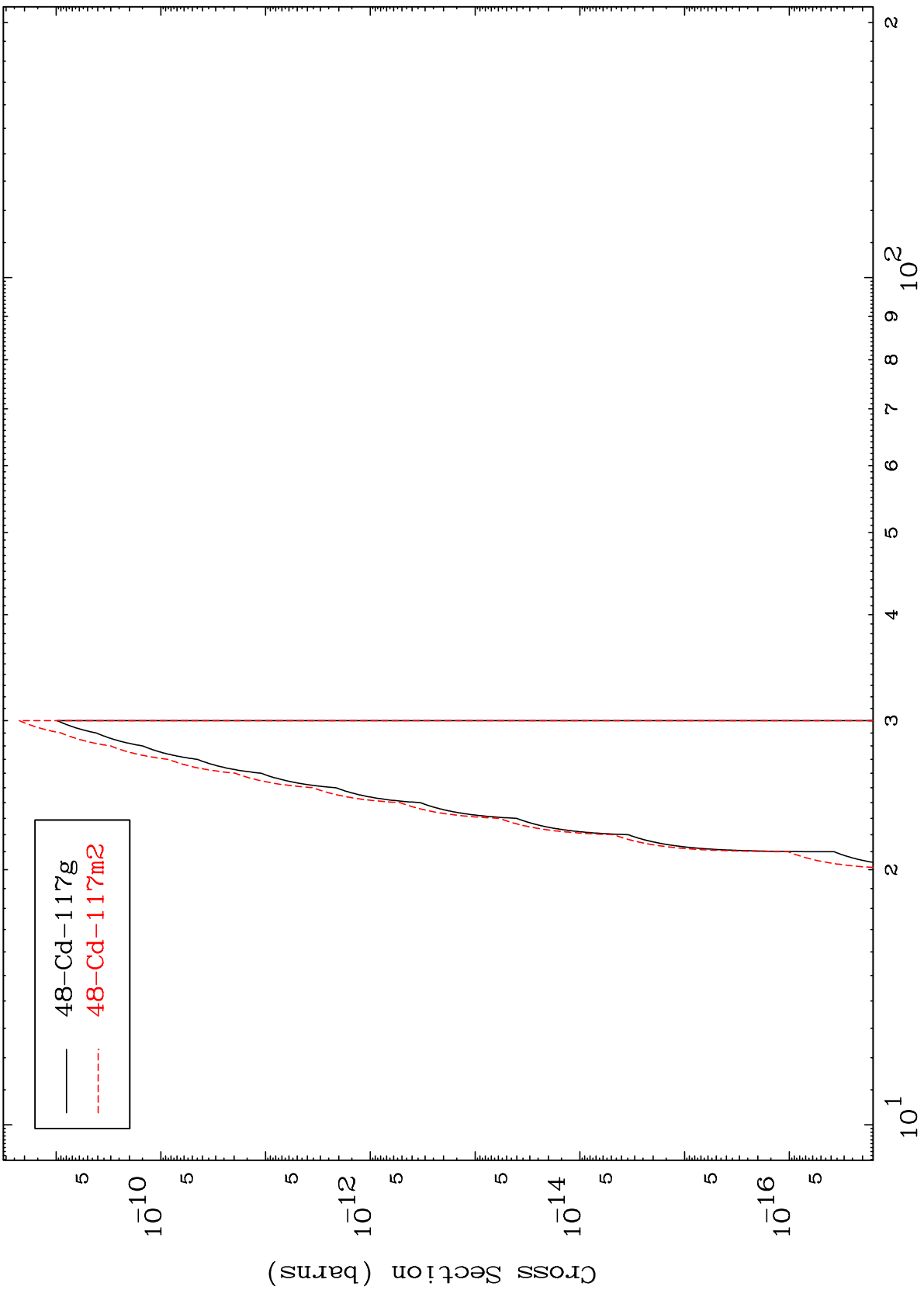
51-Sb-122

MAT 5128

(n,d) α

51-Sb-122

Radionuclide Production Cross Section



145

Incident Energy (MeV)

51-Sb-122