

Program EVALPLOT
(Version 2021-1)

by

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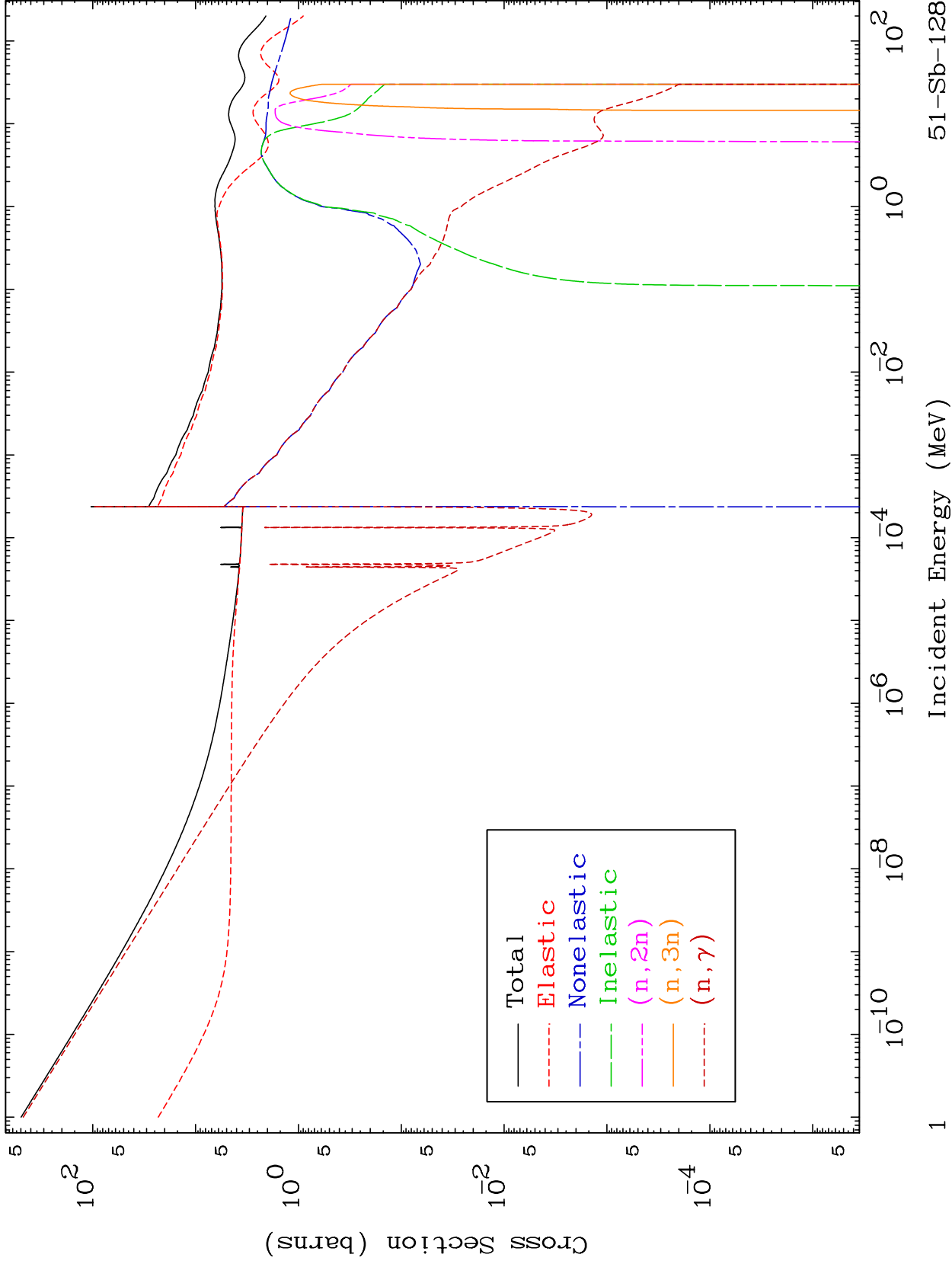
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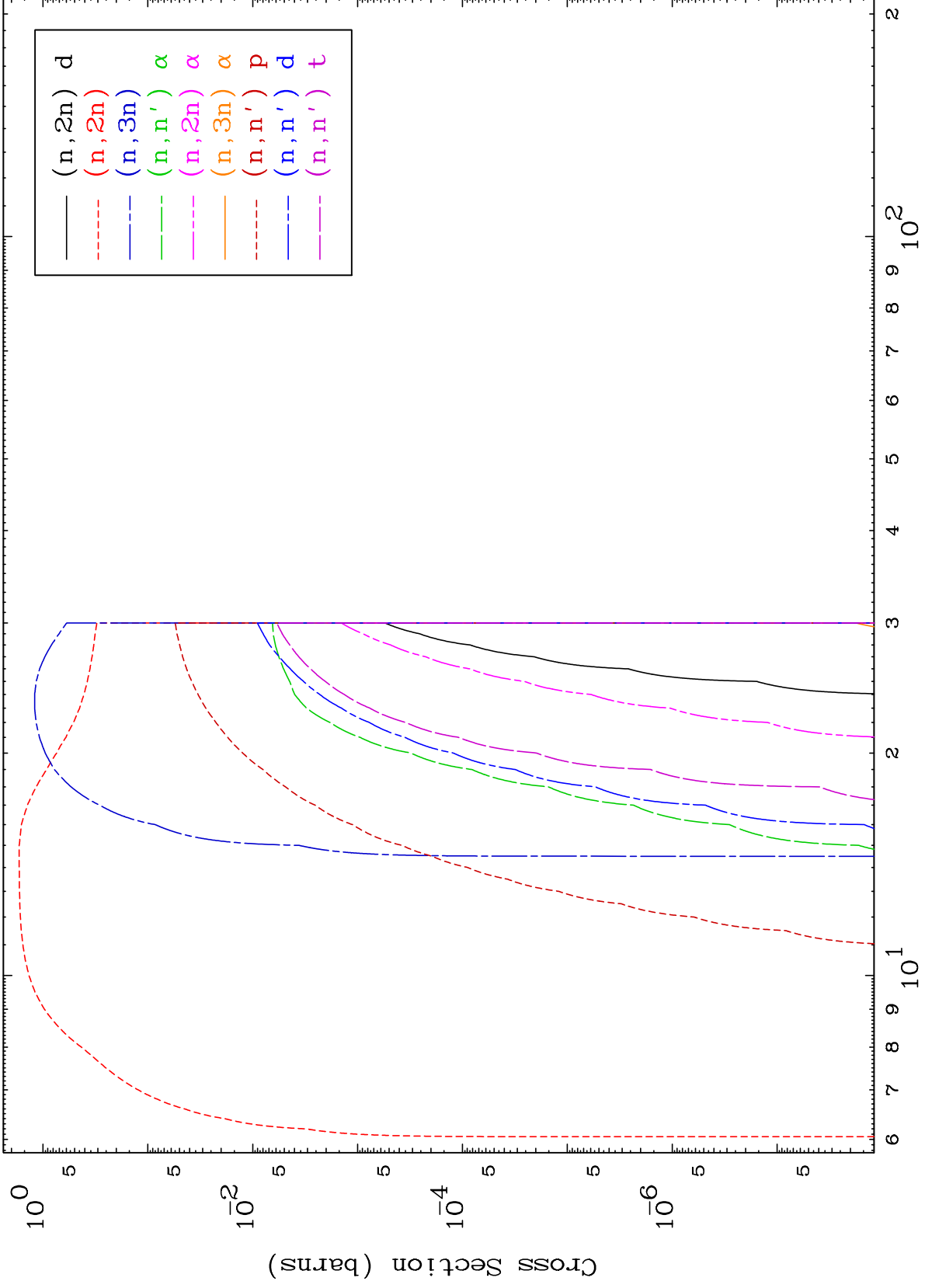
Press Mouse Button to Start

MAT 5146

Neutron Major
293 Kelvin Cross Sections

51-Sb-128

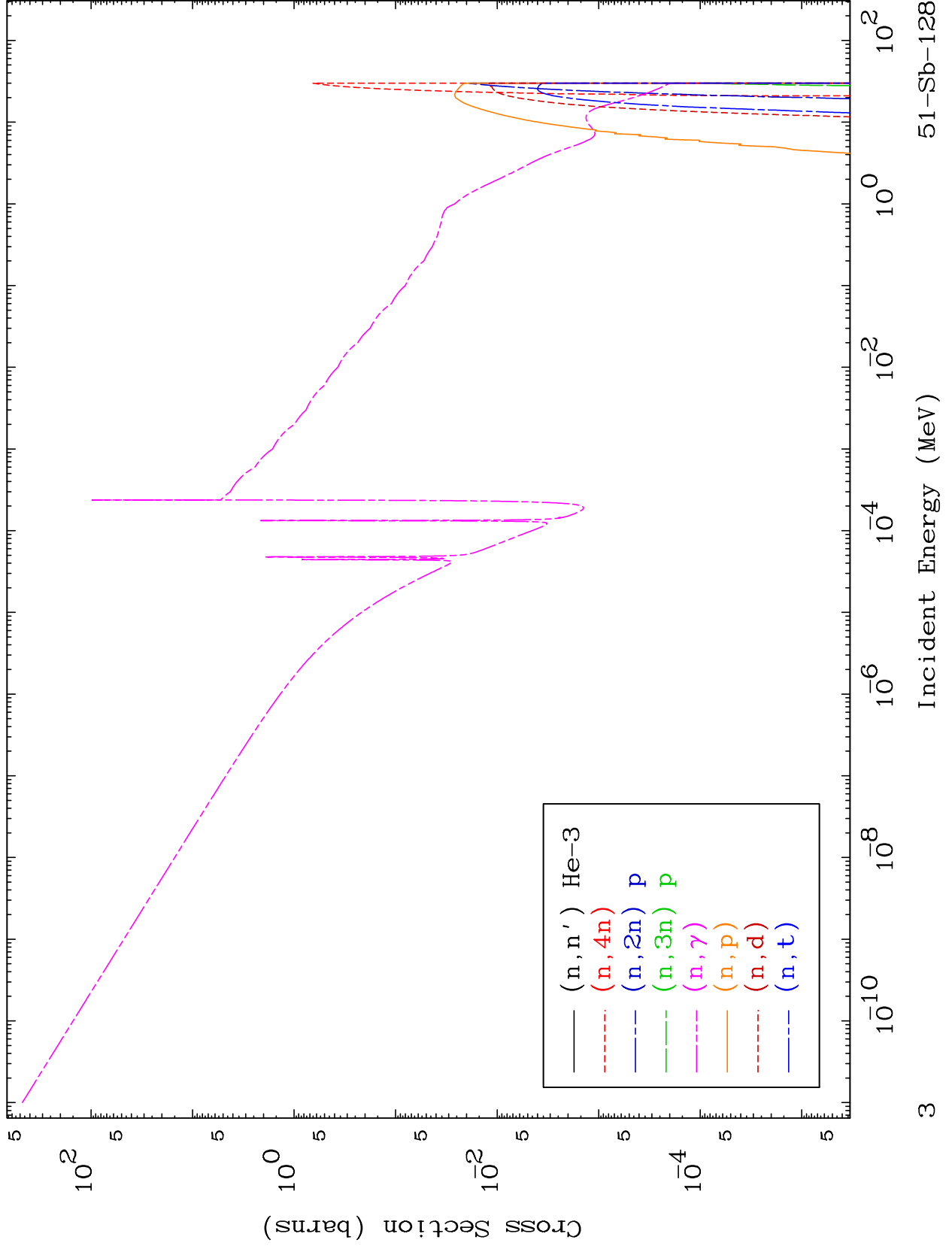




MAT 5146

Neutron Absorption
293 Kelvin Cross Sections

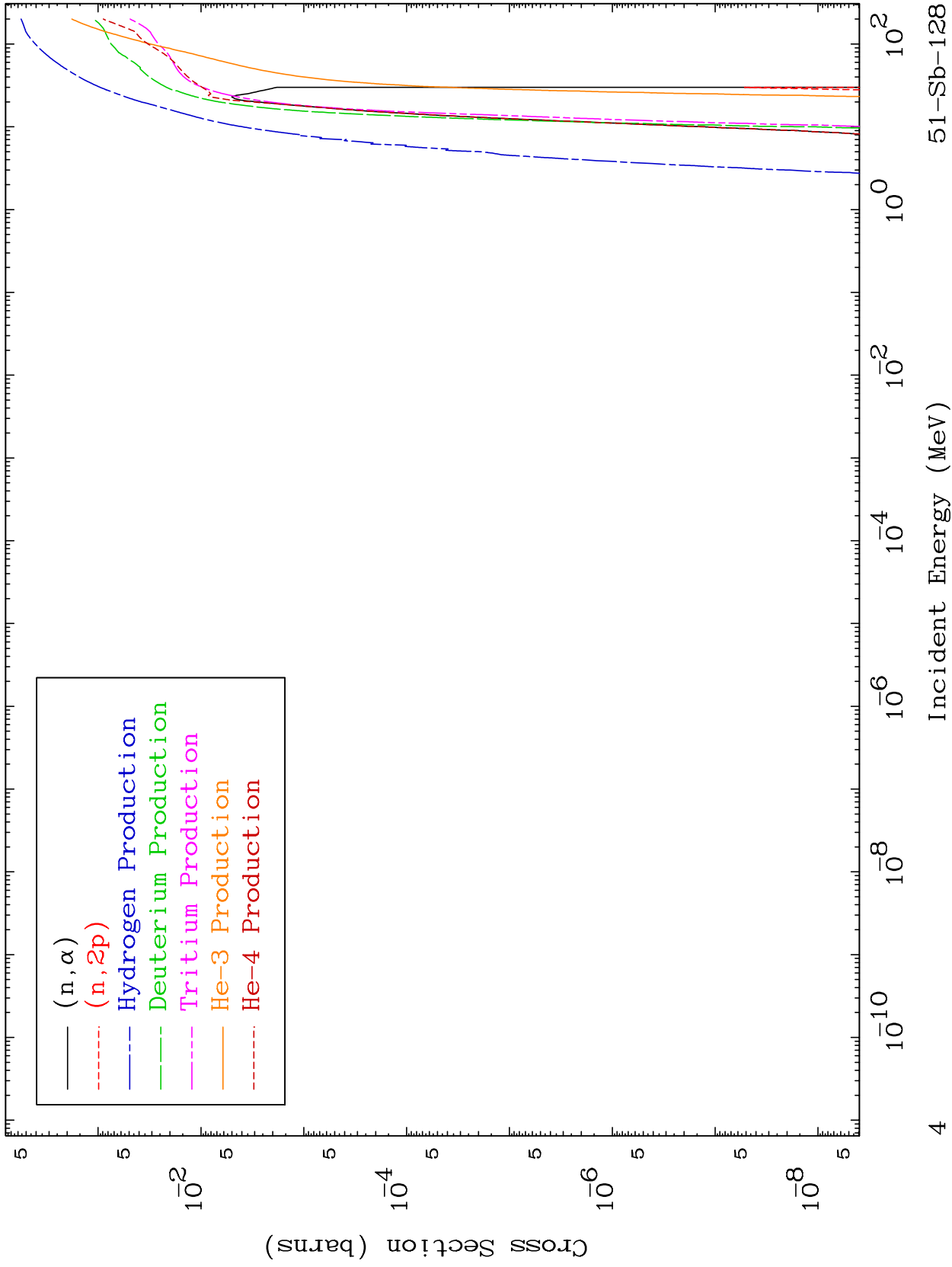
51-Sb-128

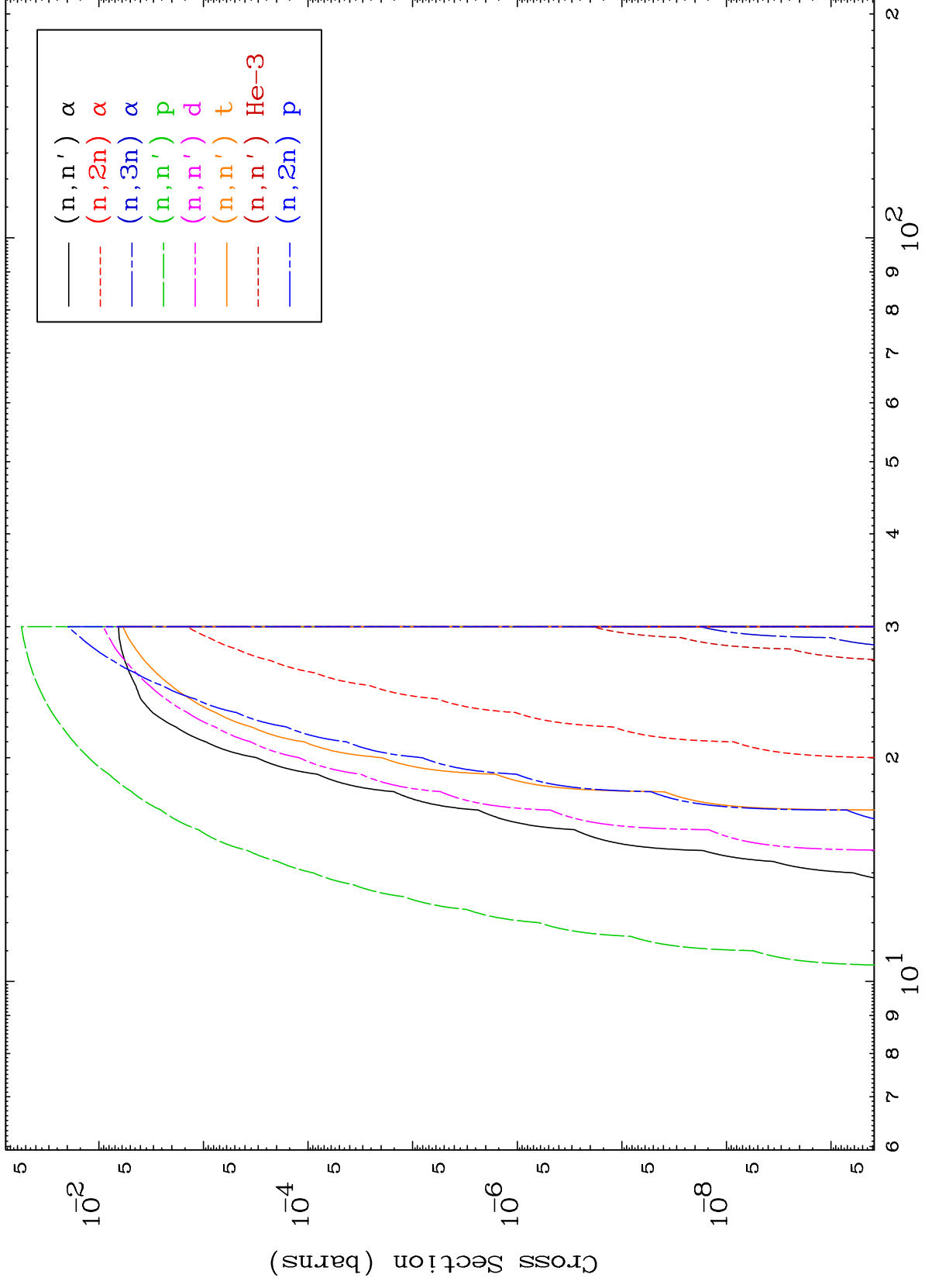


MAT 5146

Neutron Absorption
293 Kelvin Cross Sections

51-Sb-128

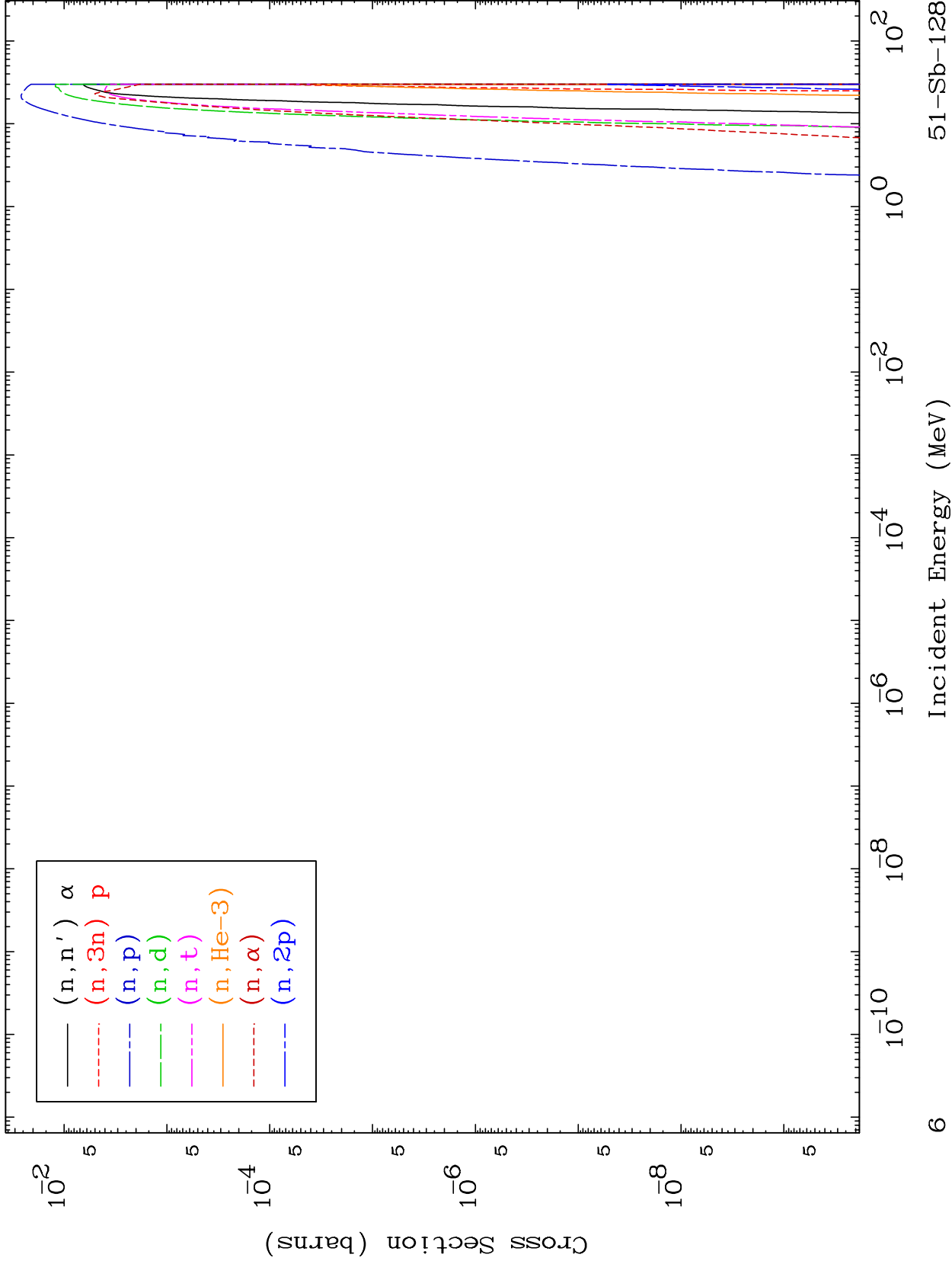


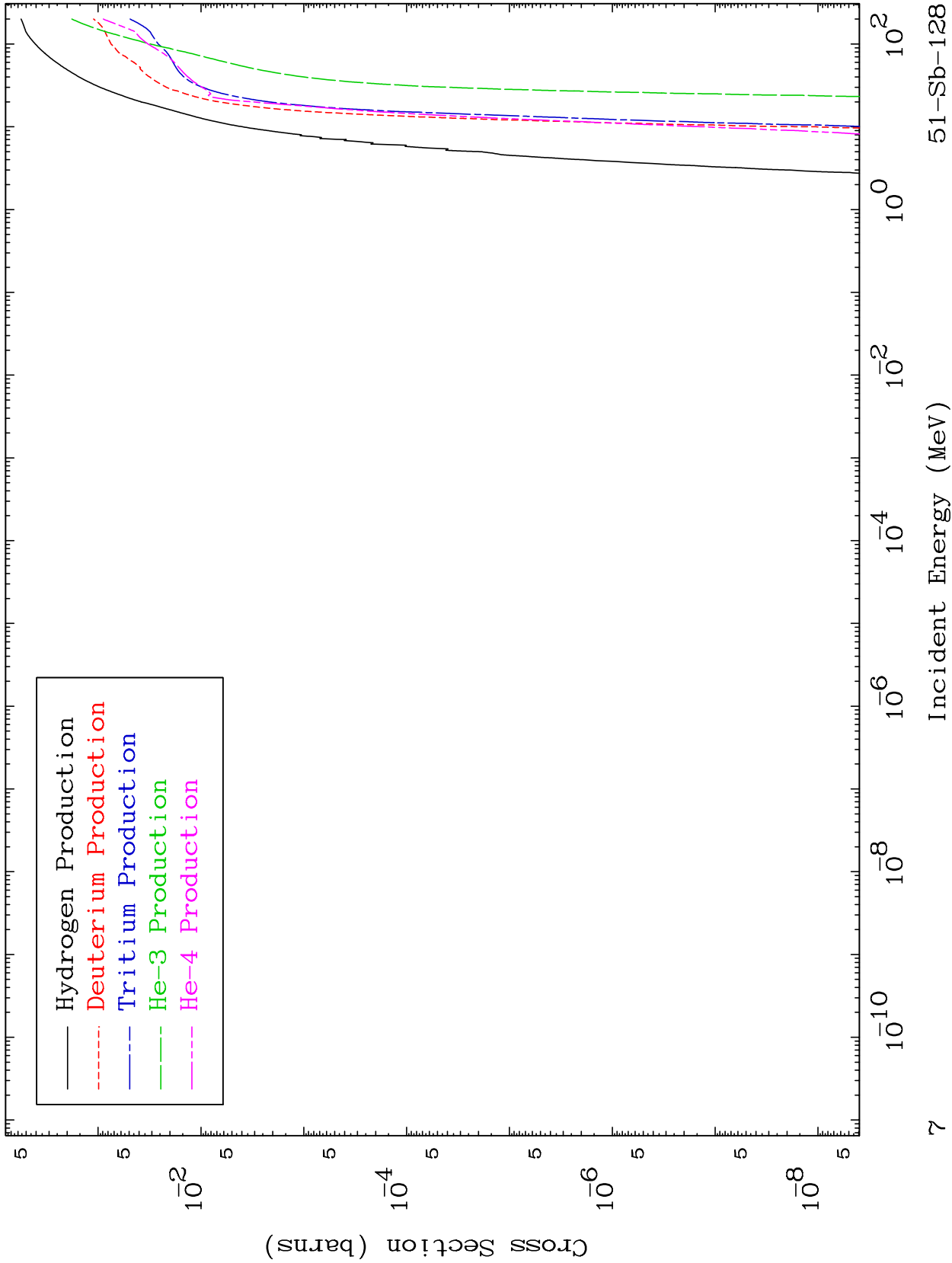


MAT 5146

Charged Particle
293 Kelvin Cross Sections

51-Sb-128



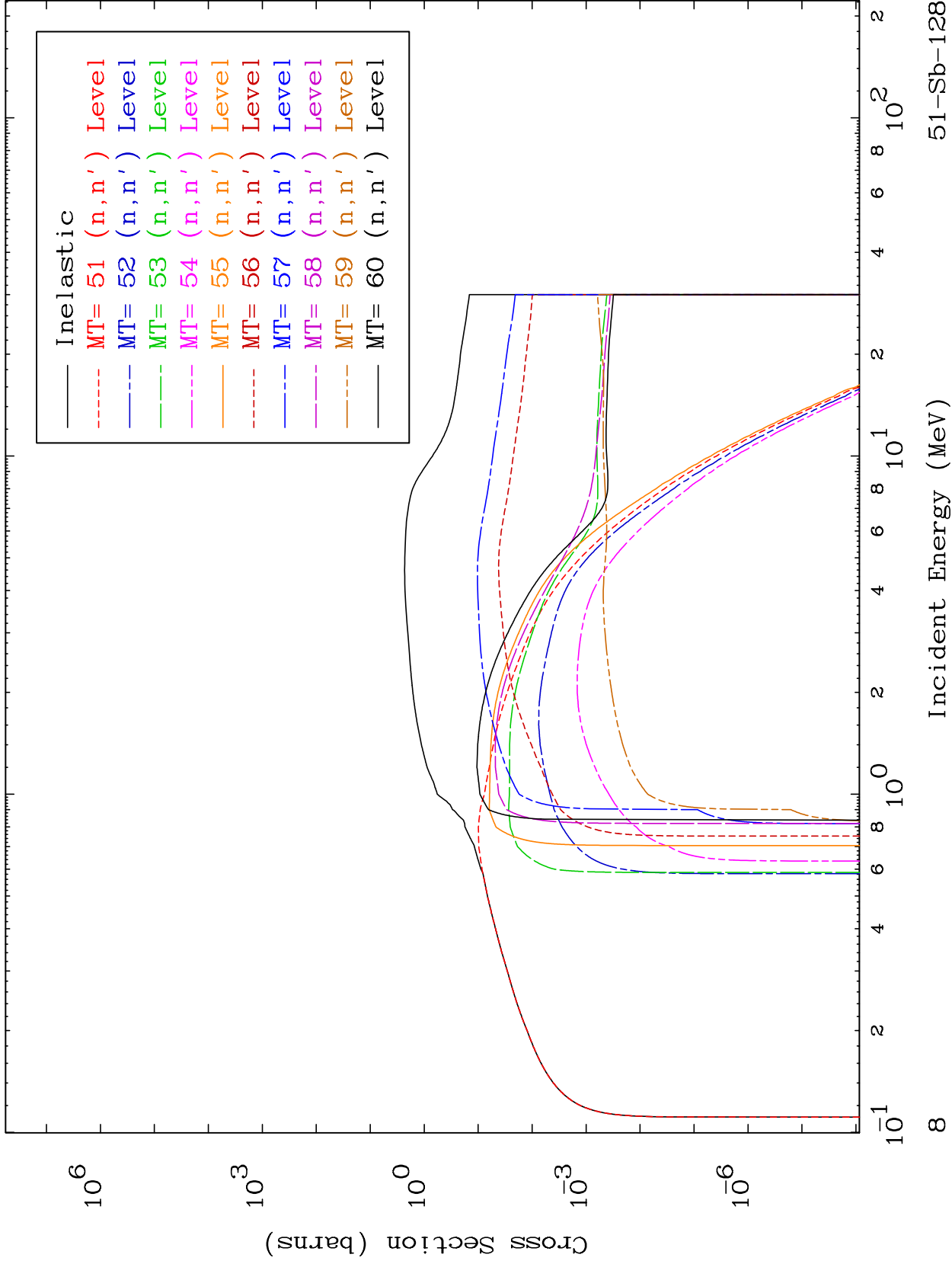


MAT 5146

(n,n') Levels

51-Sb-128

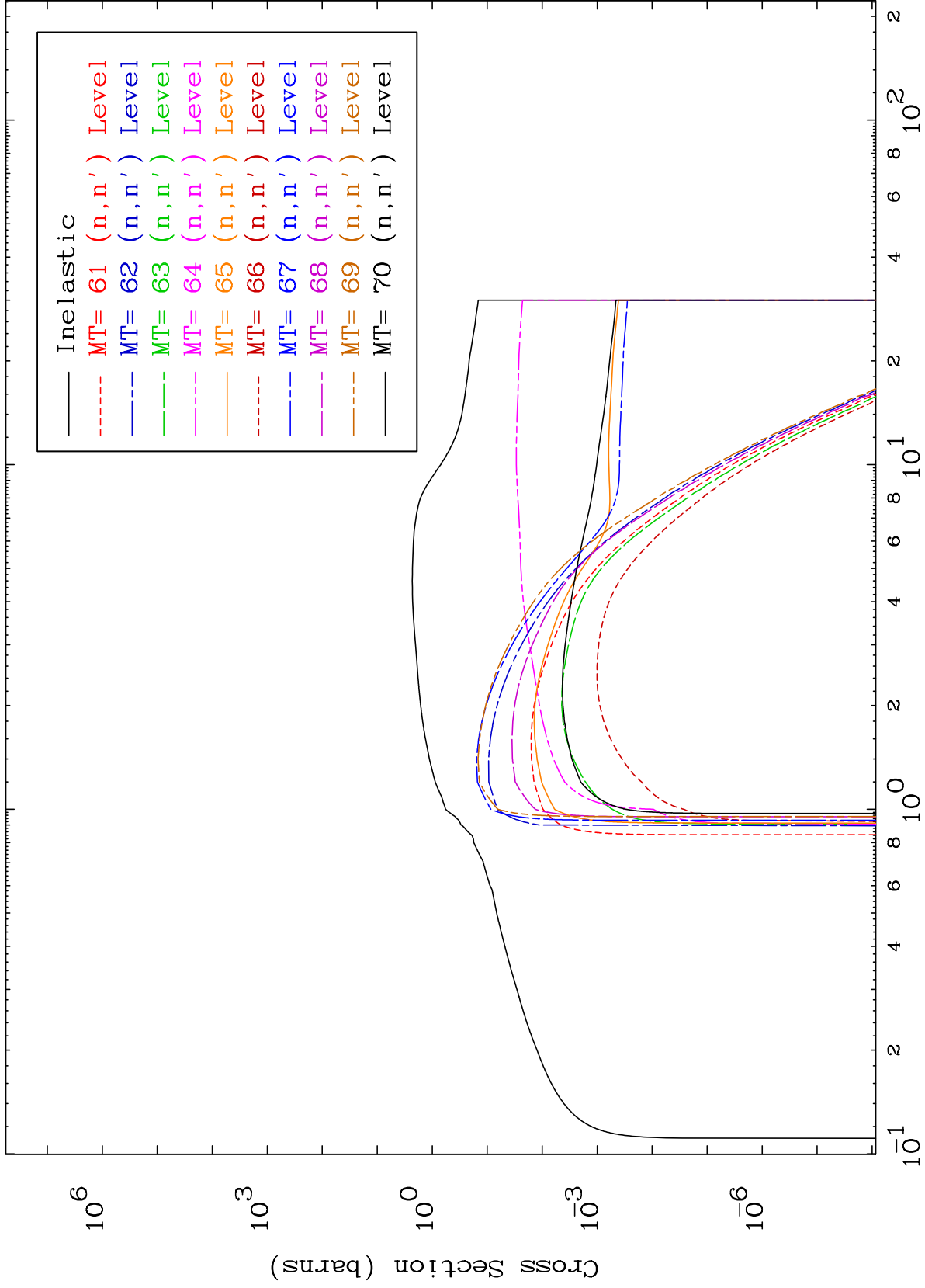
293 Kelvin Cross Sections



Incident Energy (MeV)

51-Sb-128

293 Kelvin Cross Sections

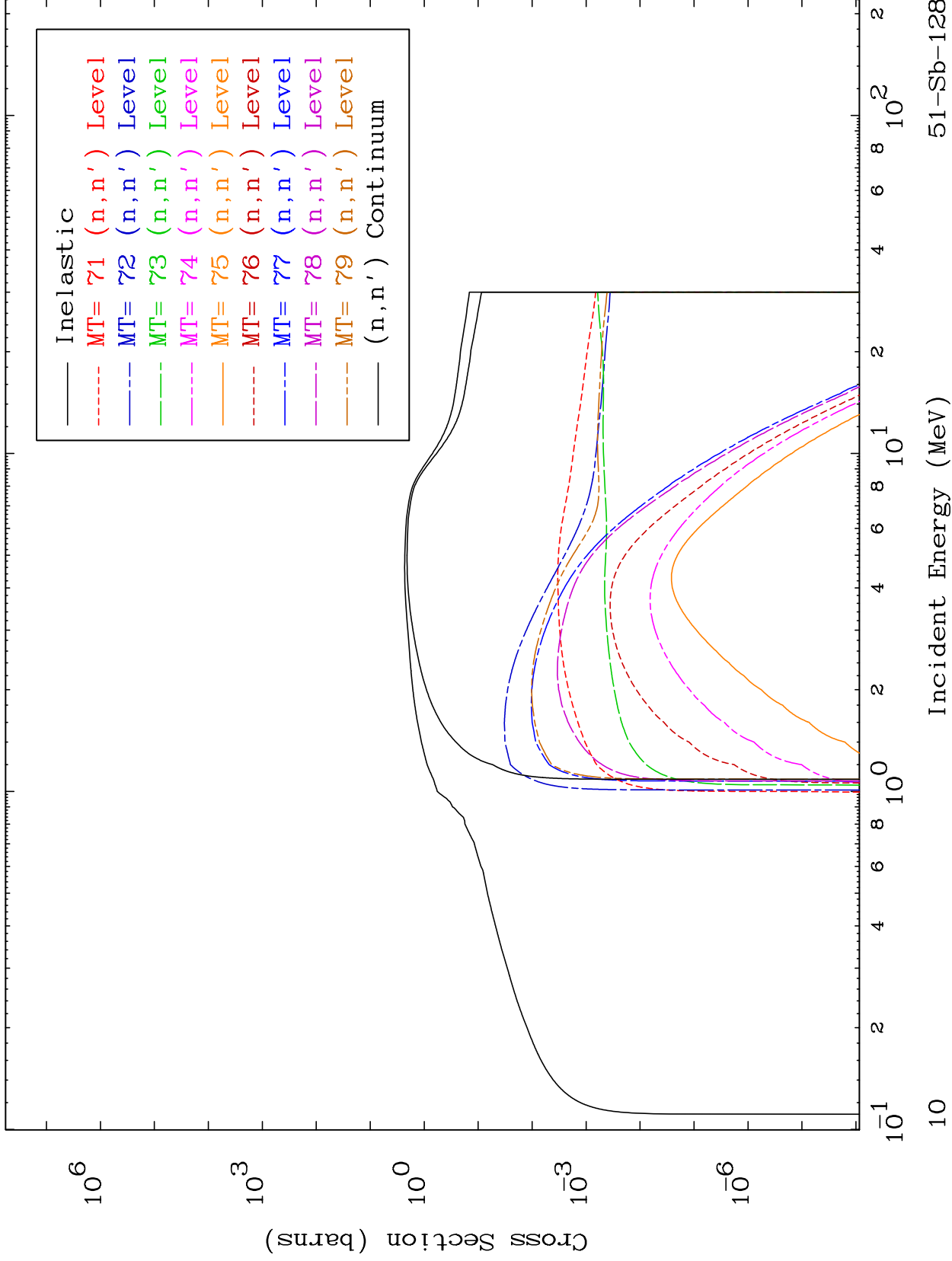


MAT 5146

(n,n') Levels

293 Kelvin Cross Sections

51-Sb-128



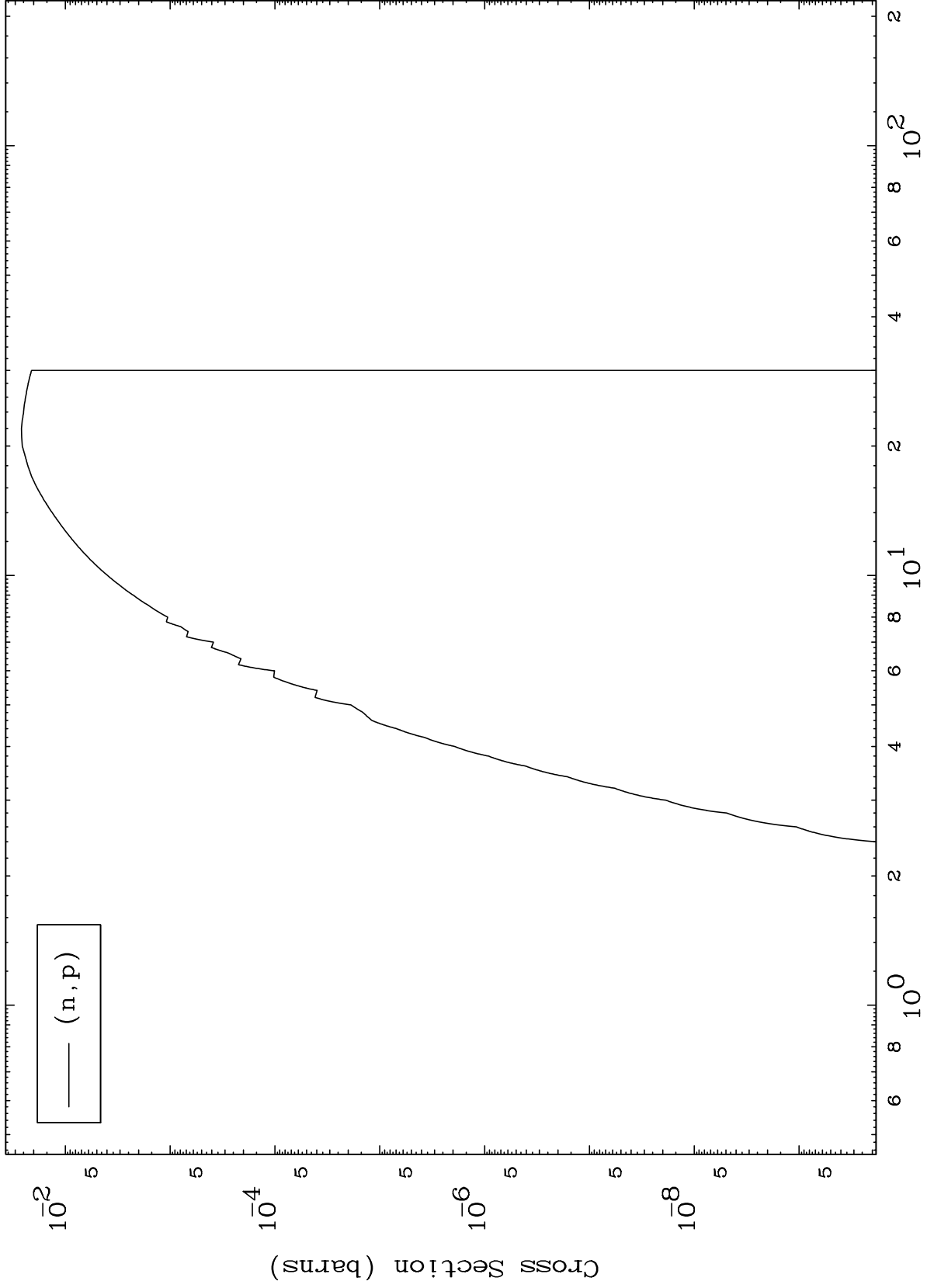
51-Sb-128

Incident Energy (MeV)

MAT 5146

(n,p) Levels
293 Kelvin Cross Sections

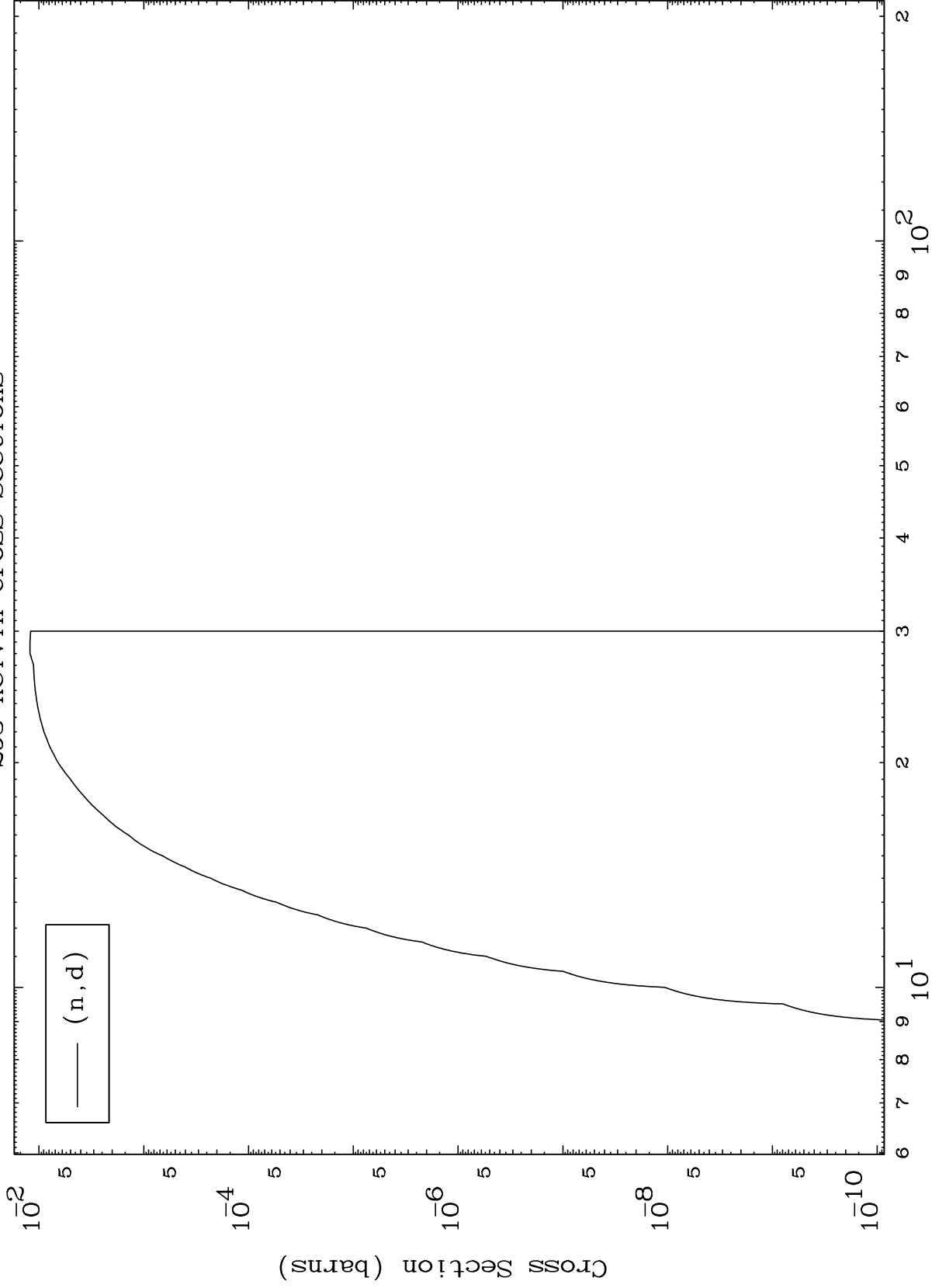
51-Sb-128



MAT 5146

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-128



12

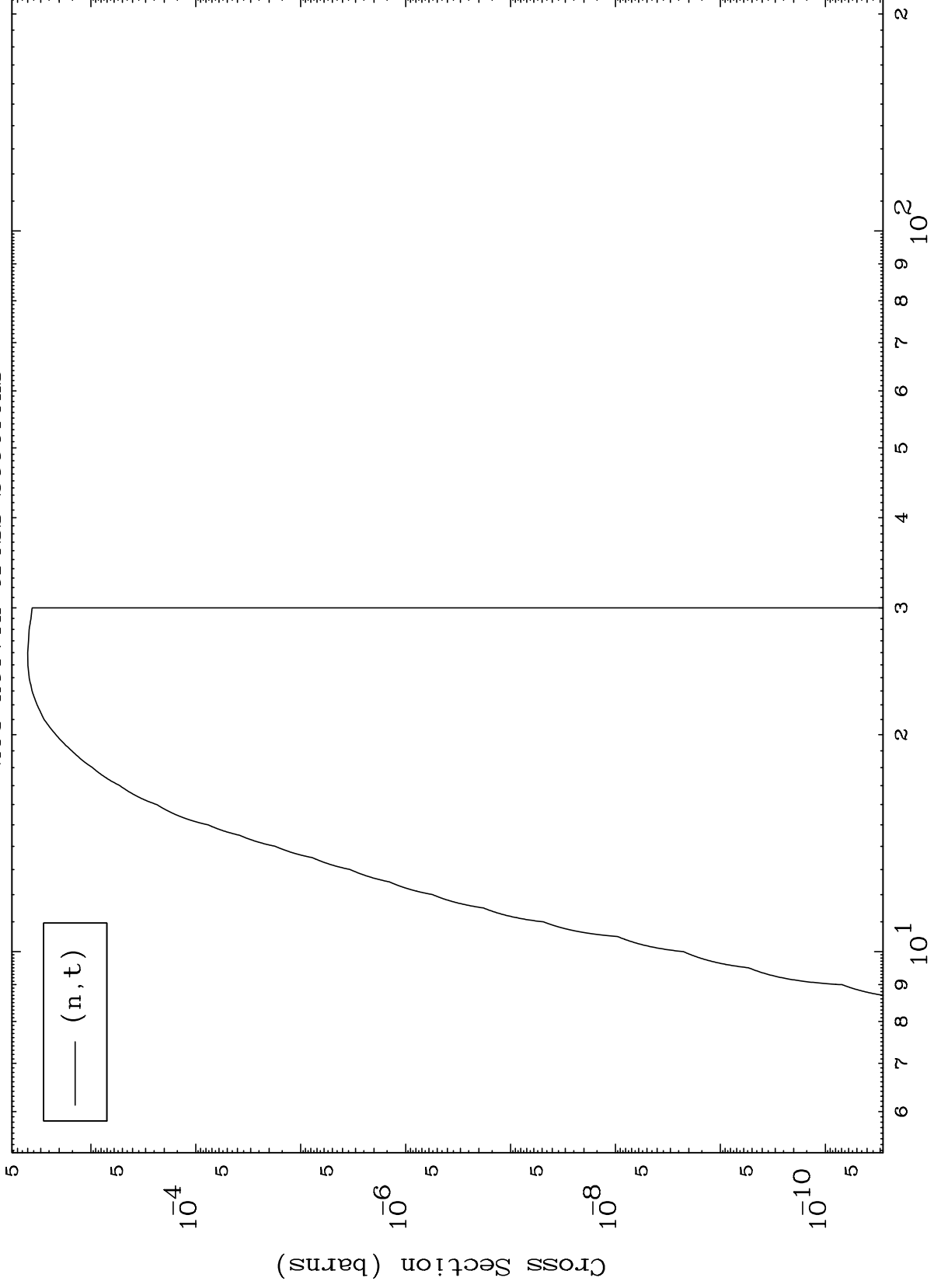
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n, t) Levels
293 Kelvin Cross Sections

51-Sb-128



13

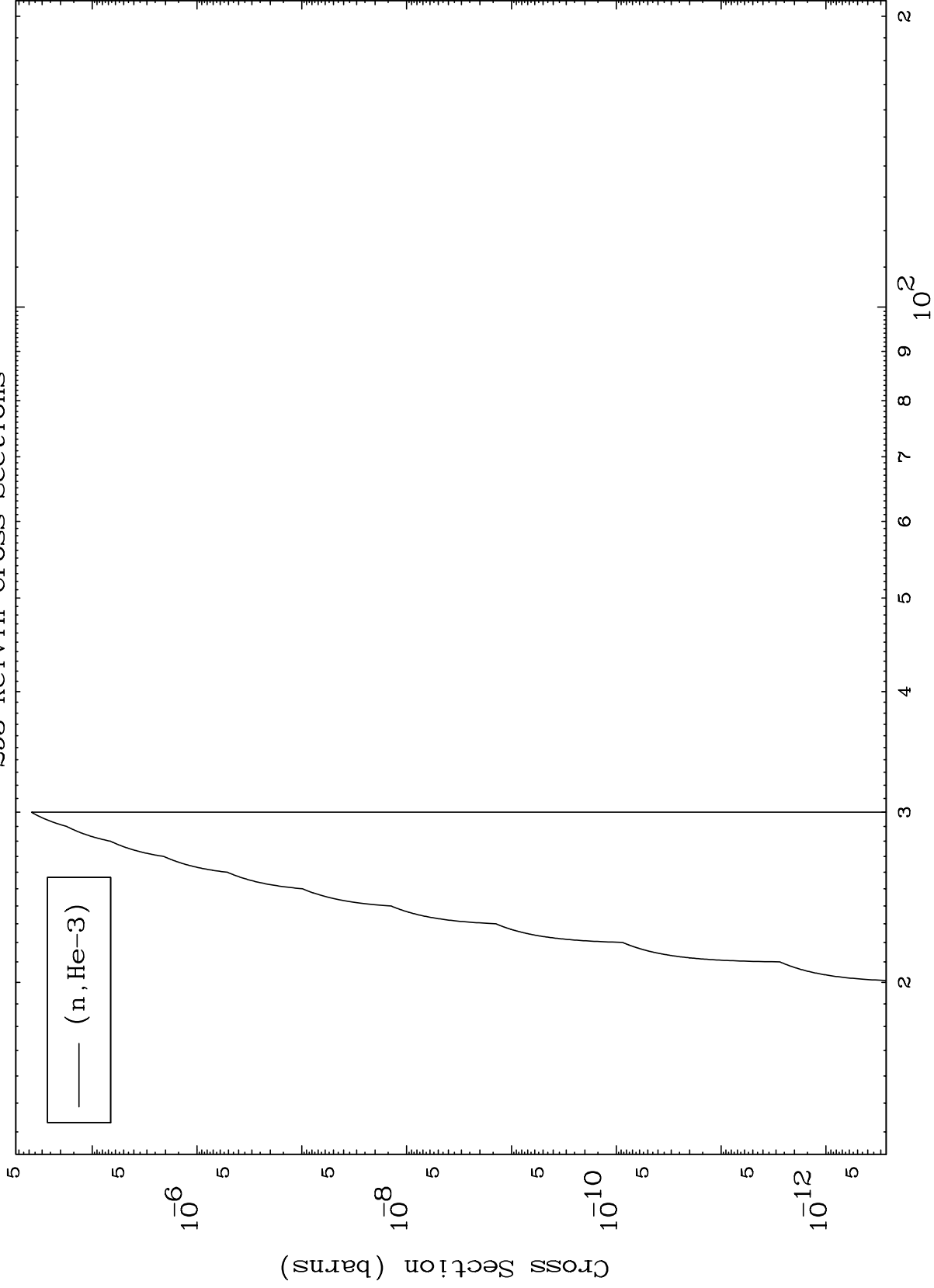
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-128



14

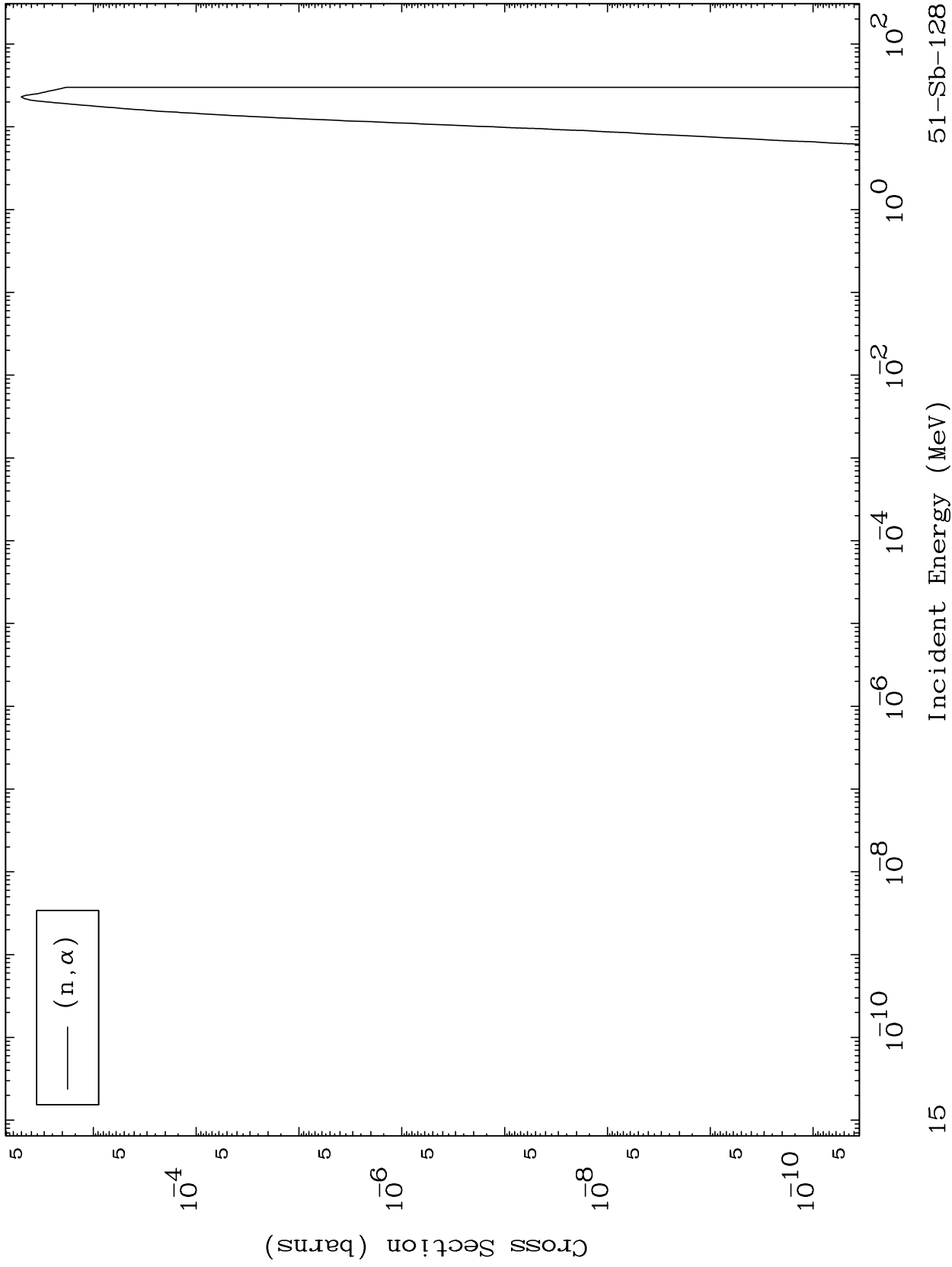
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n, α) Levels
293 Kelvin Cross Sections

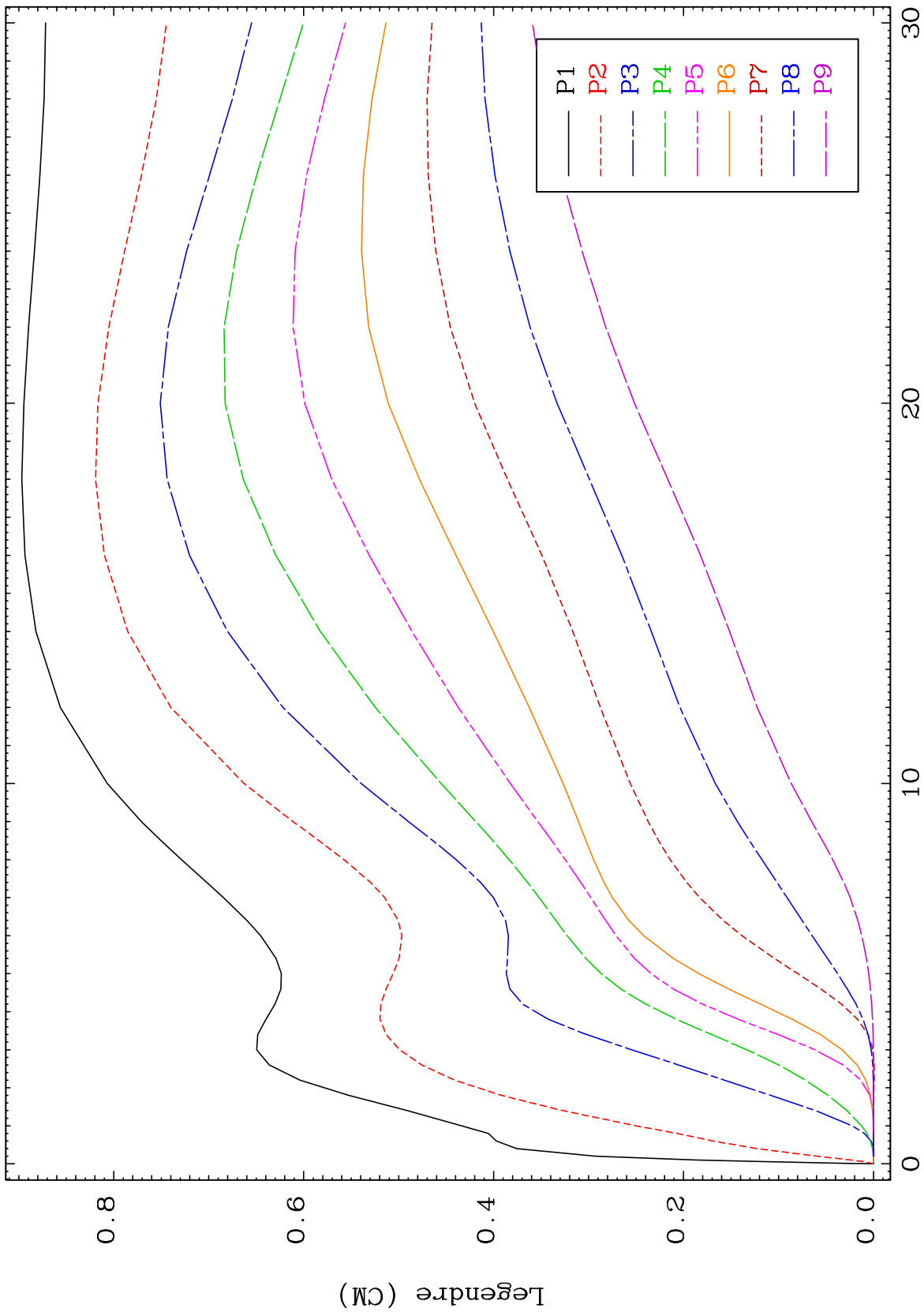
51-Sb-128



MAT 5146

51-Sb-128

Elastic Legendre Coefficients



51-Sb-128

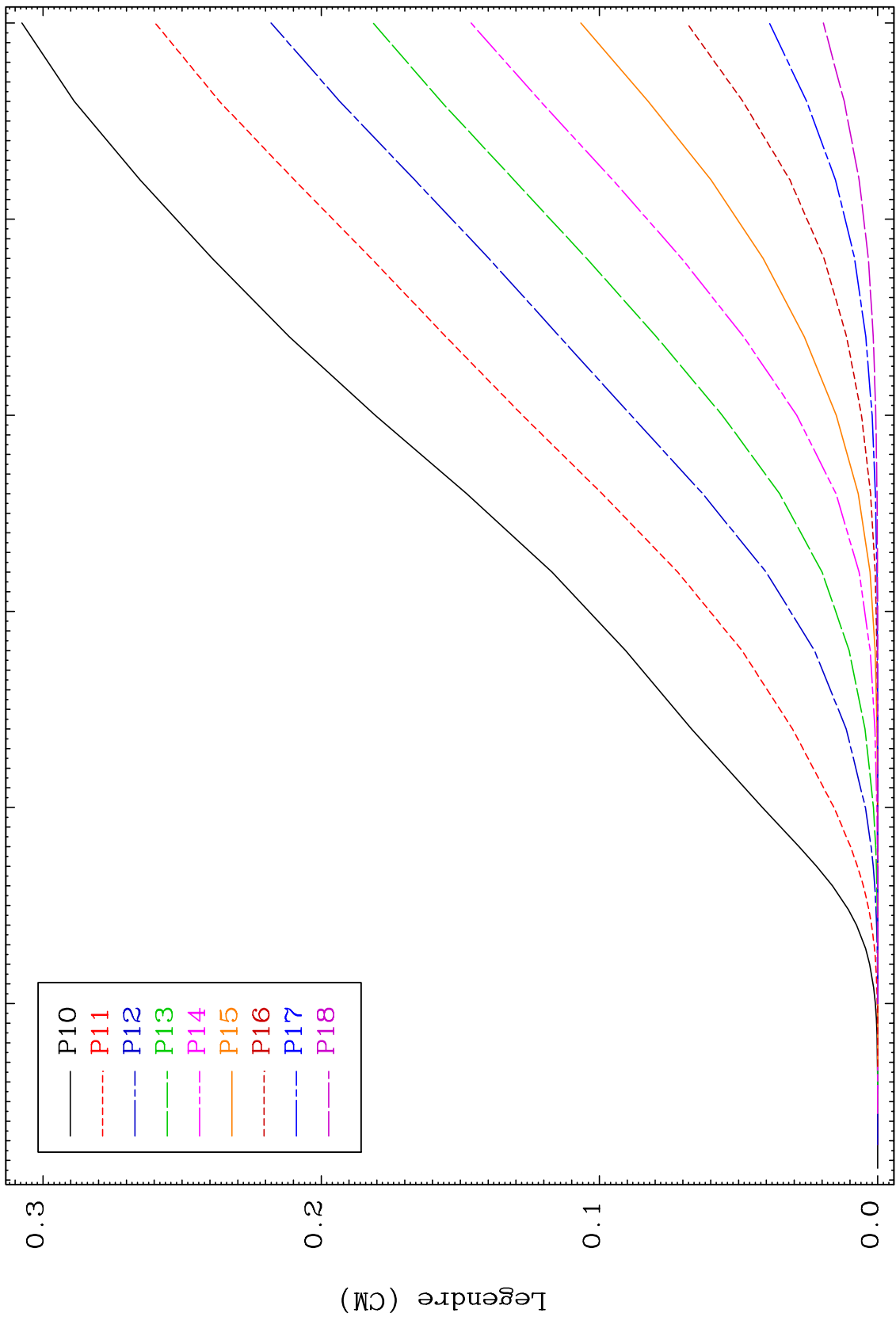
Incident Energy (MeV)

16

MAT 5146

Elastic Legendre Coefficients

51-Sb-128



17

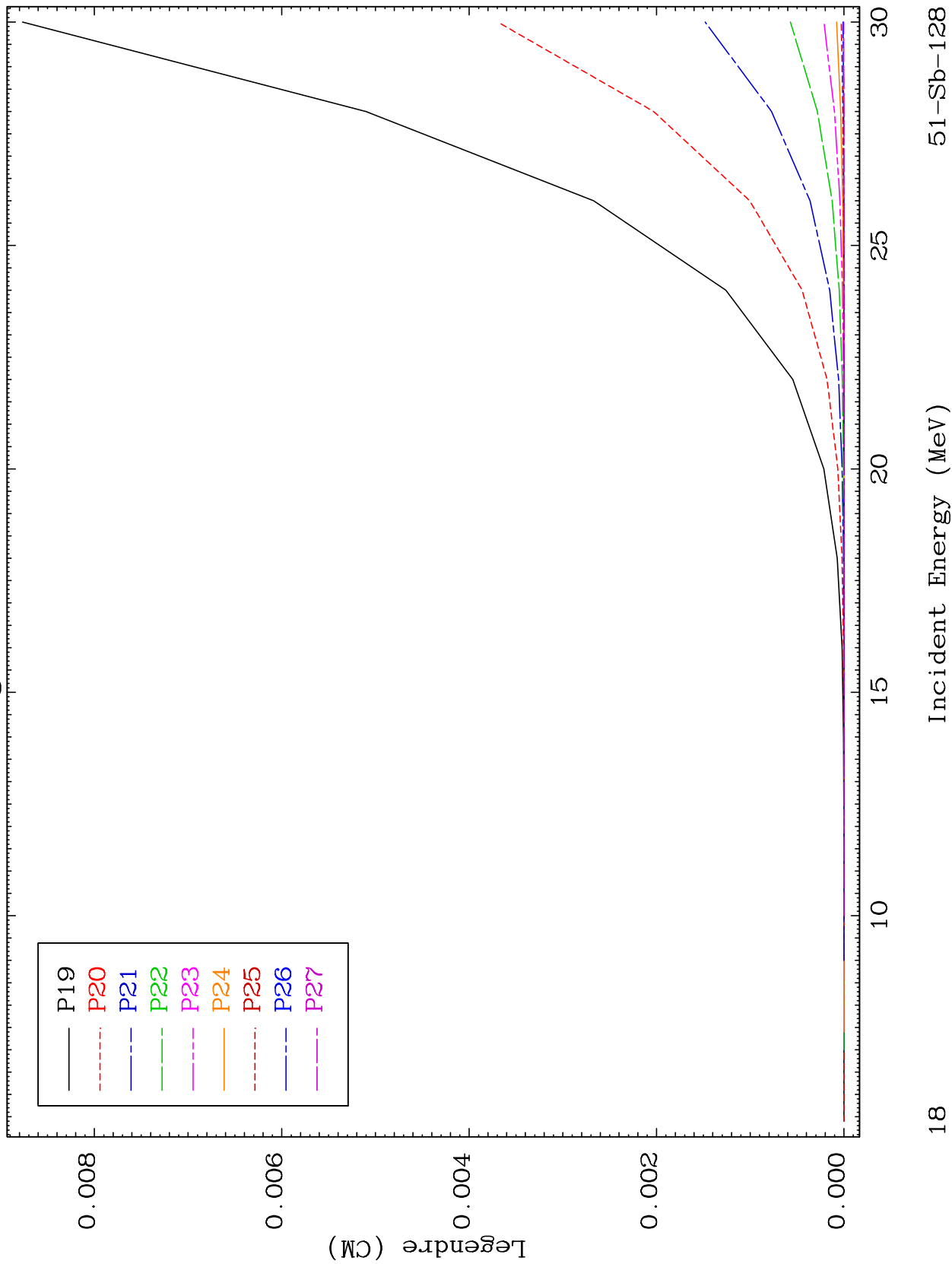
51-Sb-128

Incident Energy (MeV)

MAT 5146

Elastic Legendre Coefficients

51-Sb-128



18

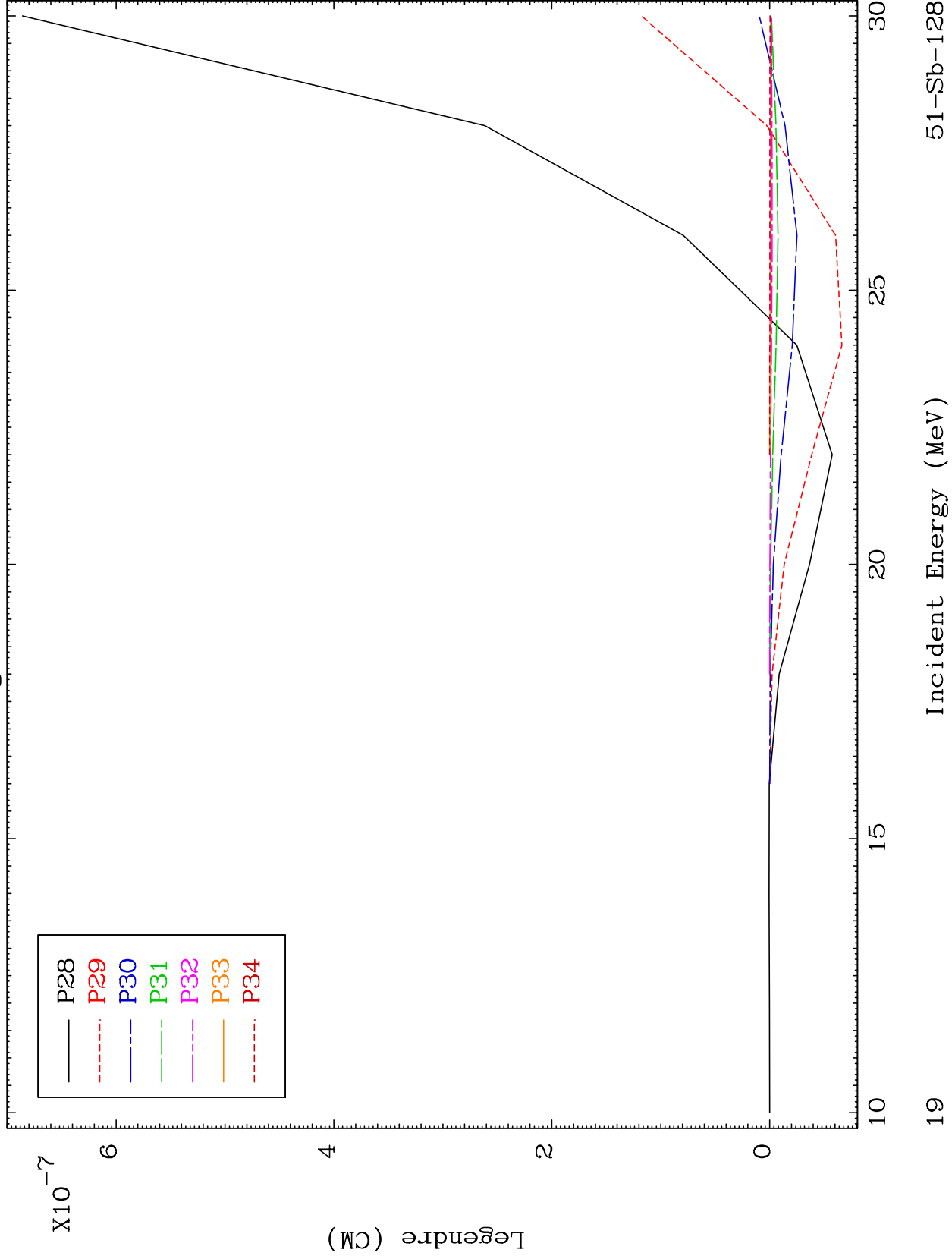
Incident Energy (MeV)

51-Sb-128

MAT 5146

Elastic
Legendre Coefficients

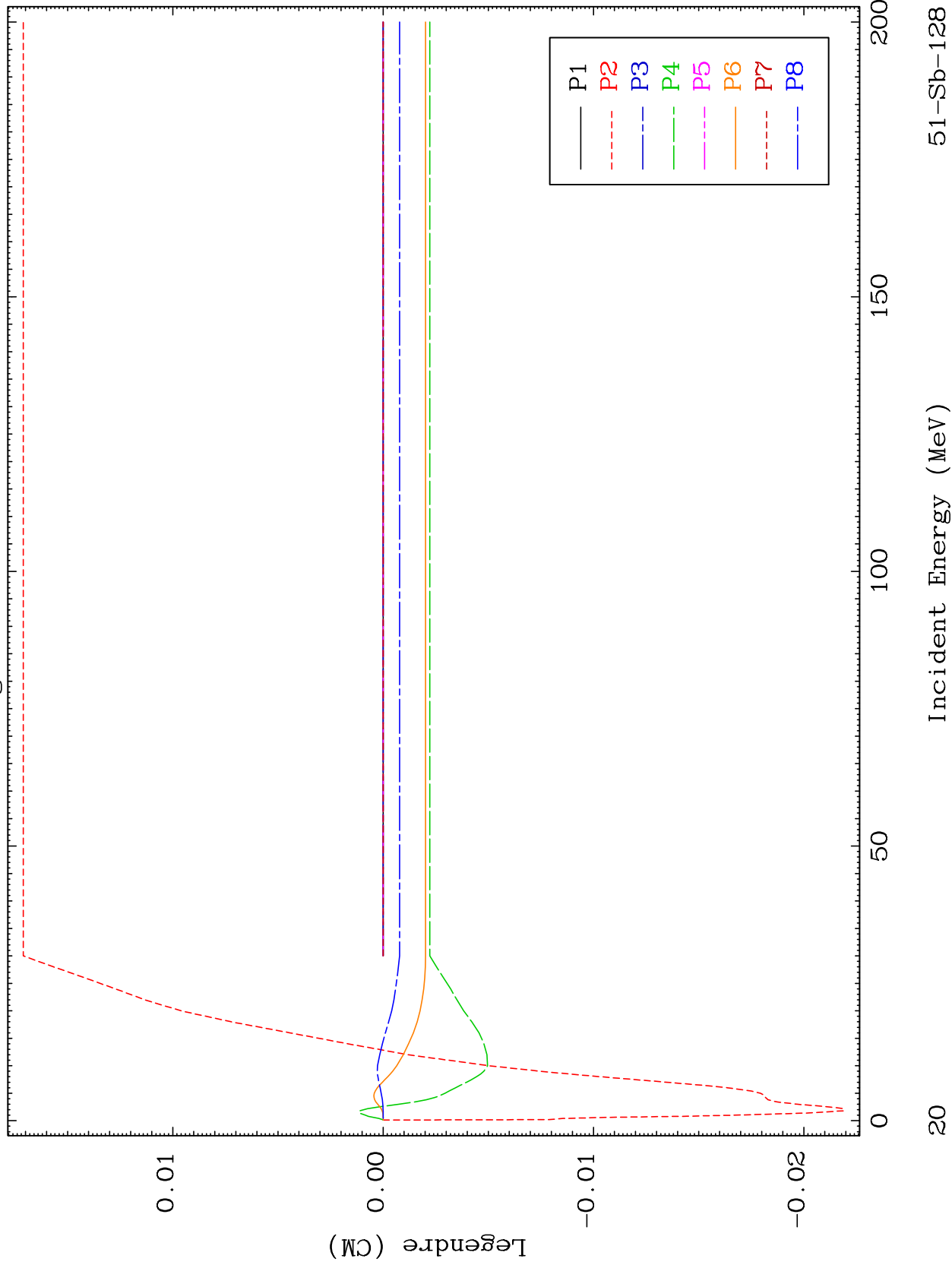
51-Sb-128



MAT 5146

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

51-Sb-128



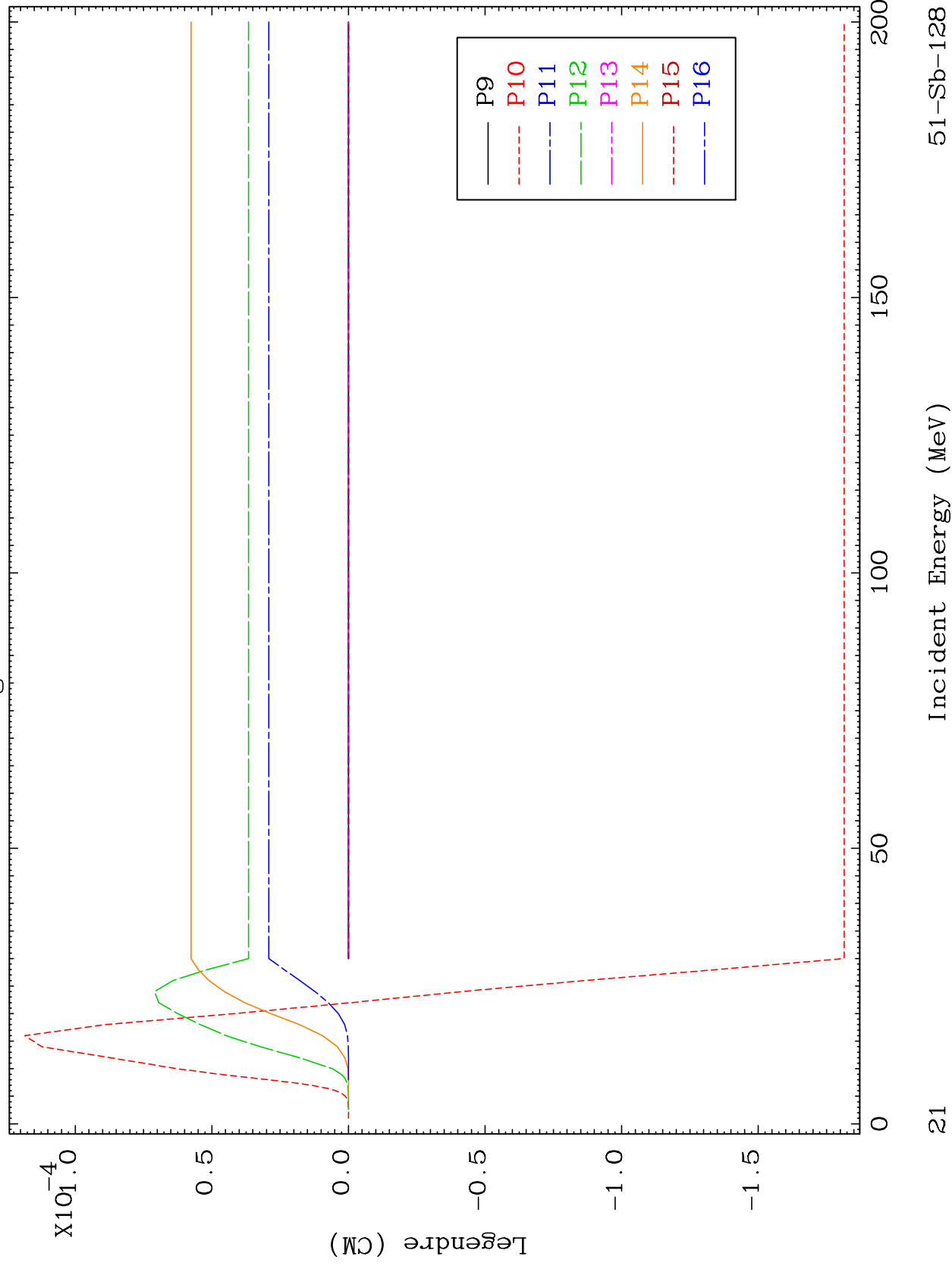
51-Sb-128

Incident Energy (MeV)

MAT 5146

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

51-Sb-128



51-Sb-128

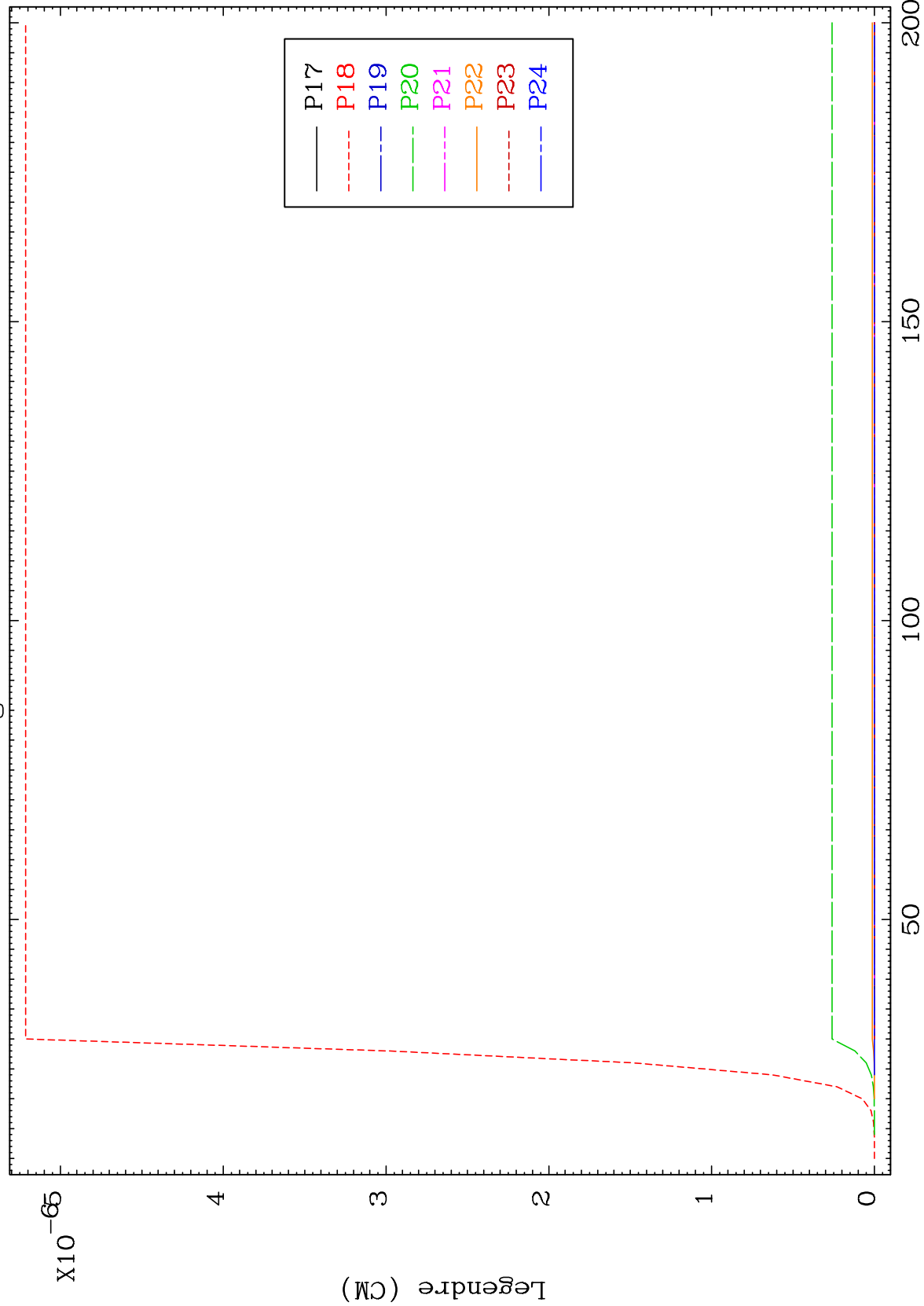
Incident Energy (MeV)

21

MAT 5146

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

51-Sb-128



22

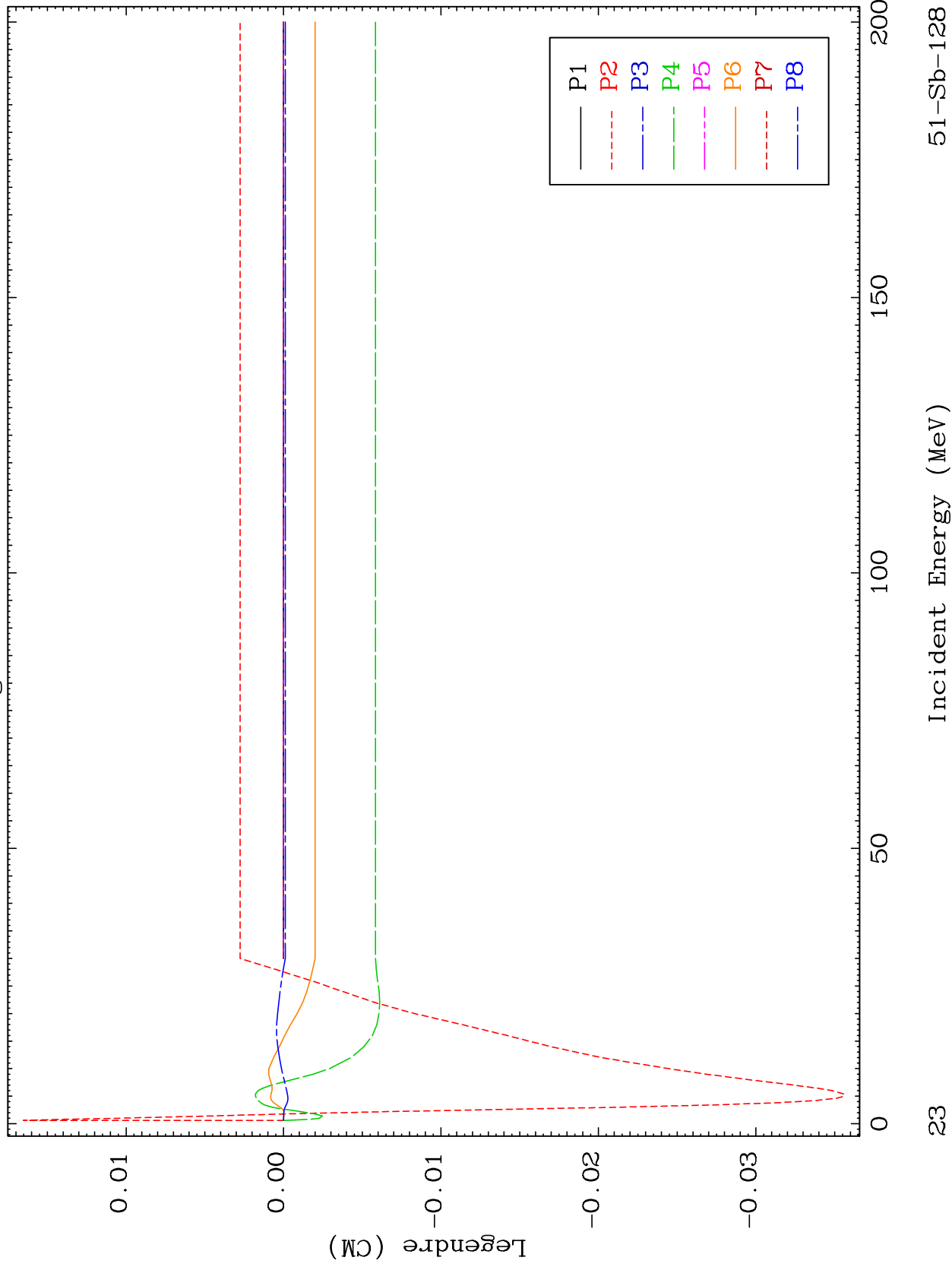
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

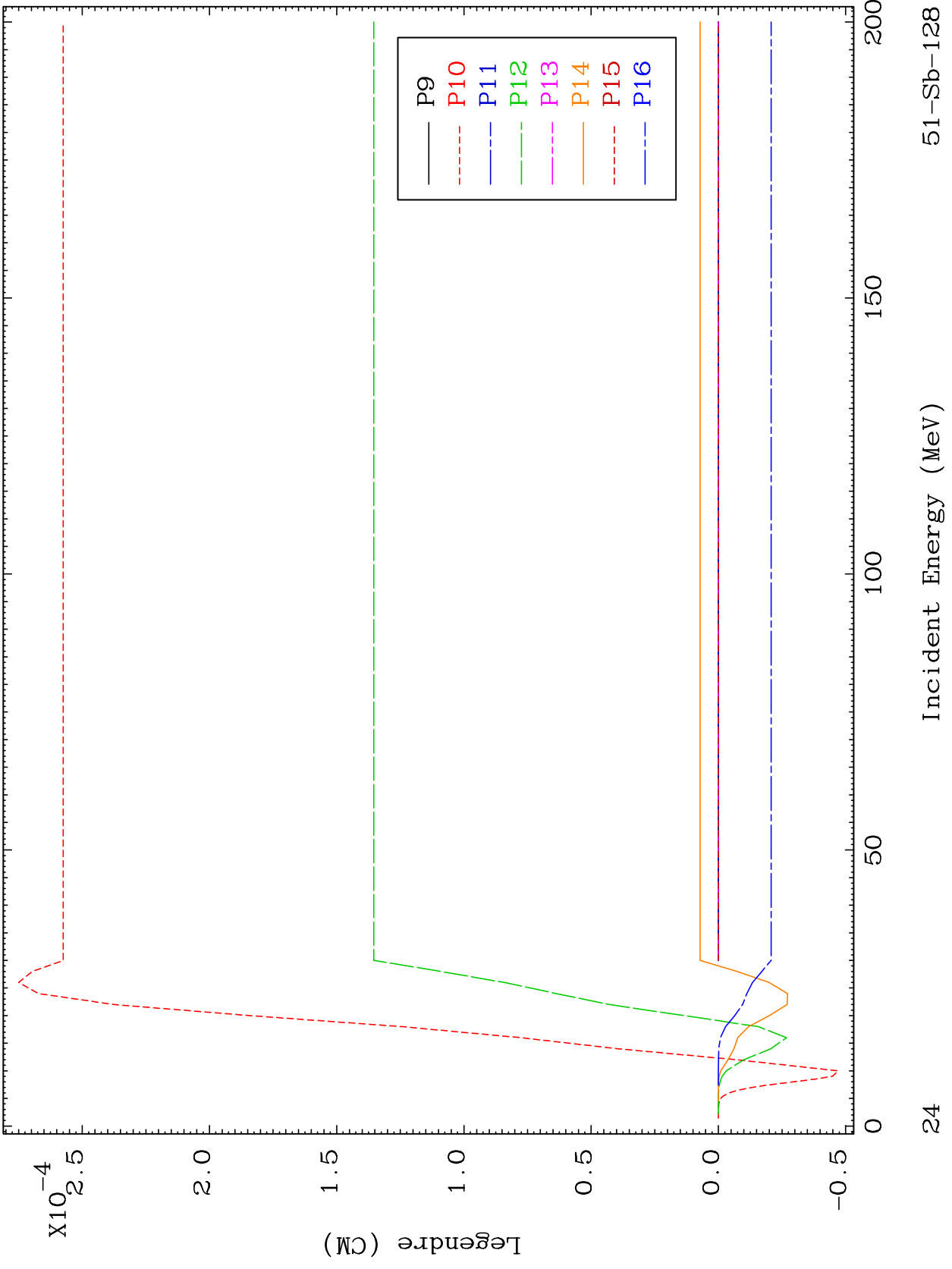
Incident Energy (MeV)

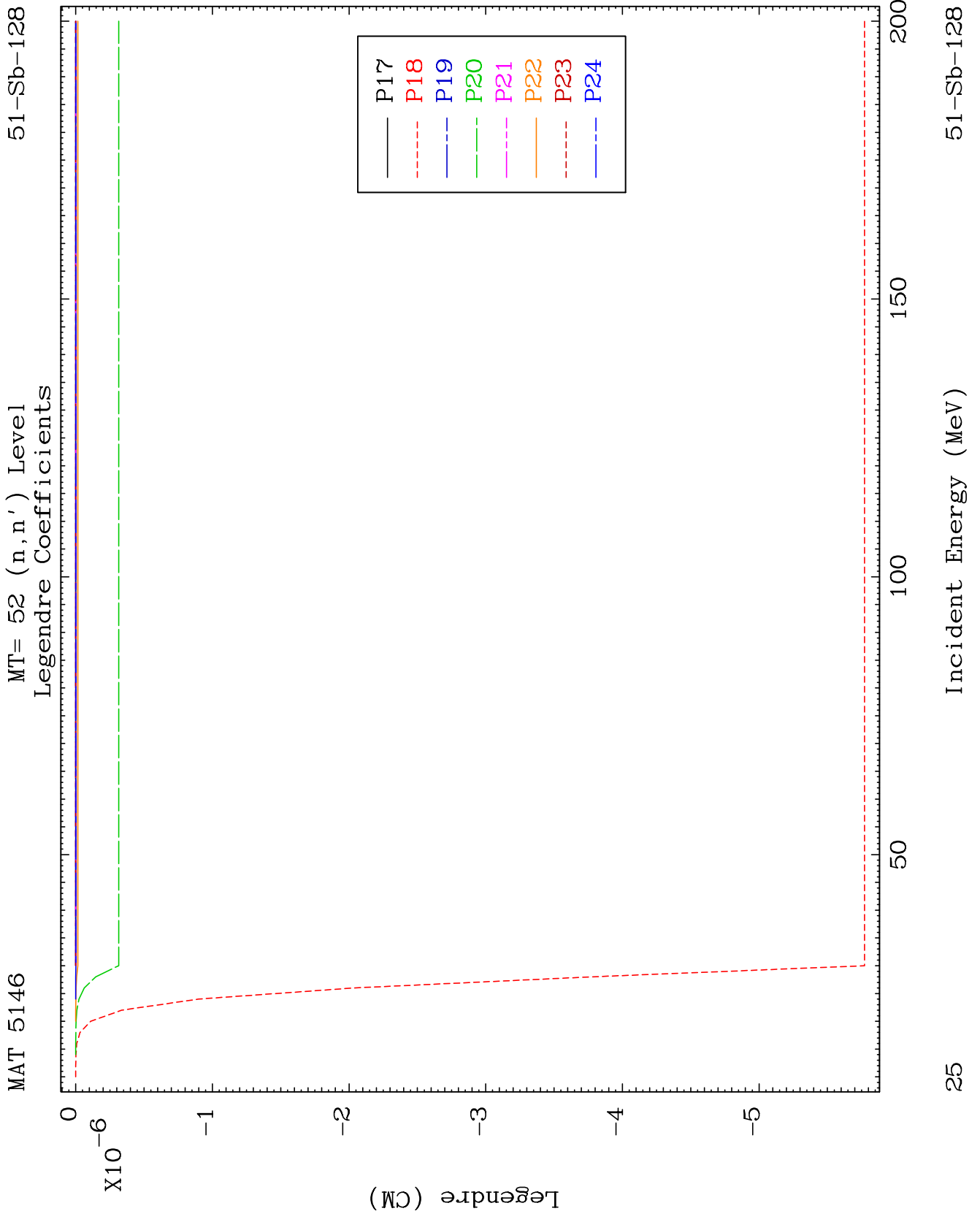
23

MAT 5146

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

51-Sb-128

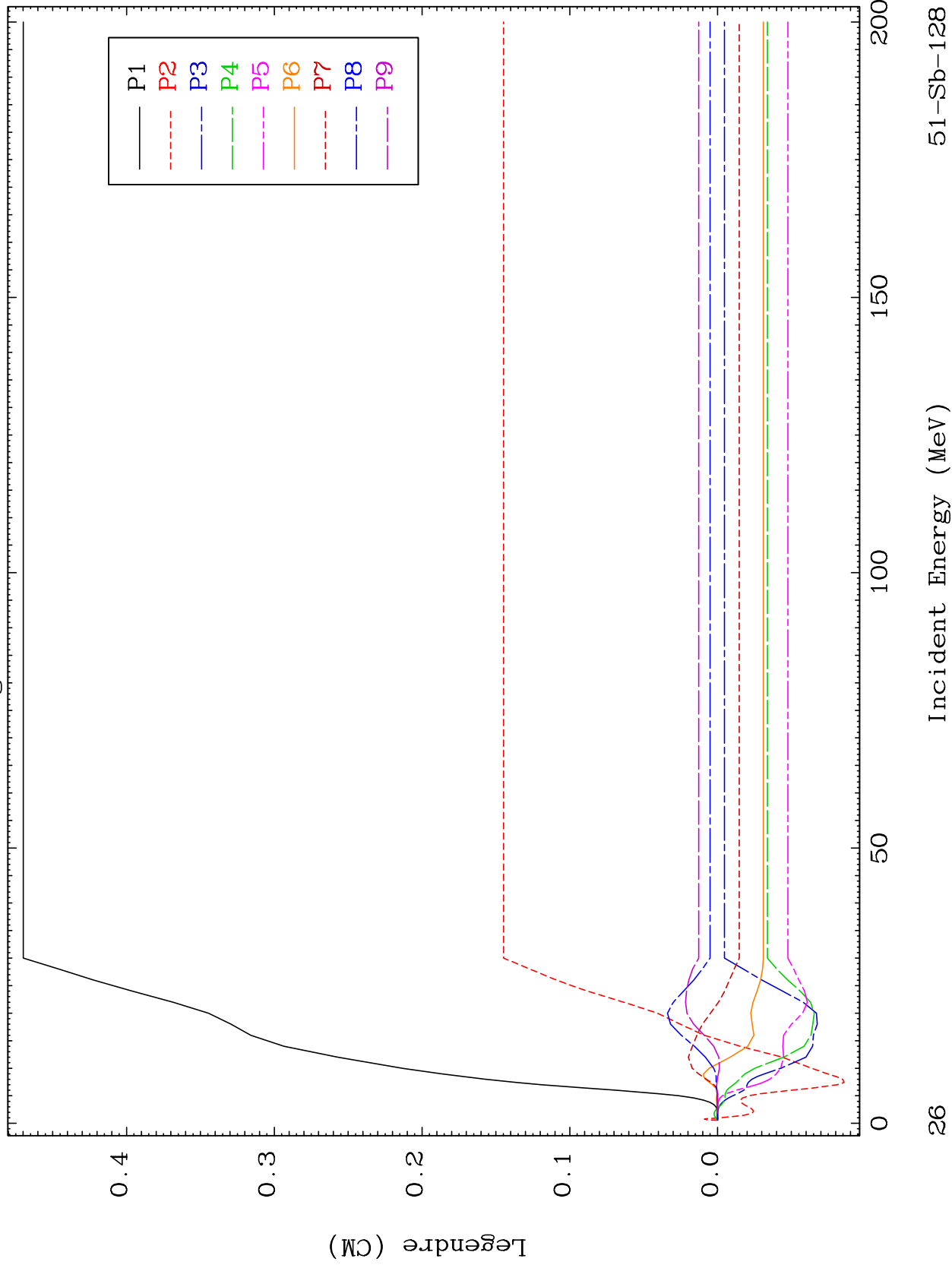




MAT 5146

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

51-Sb-128



51-Sb-128

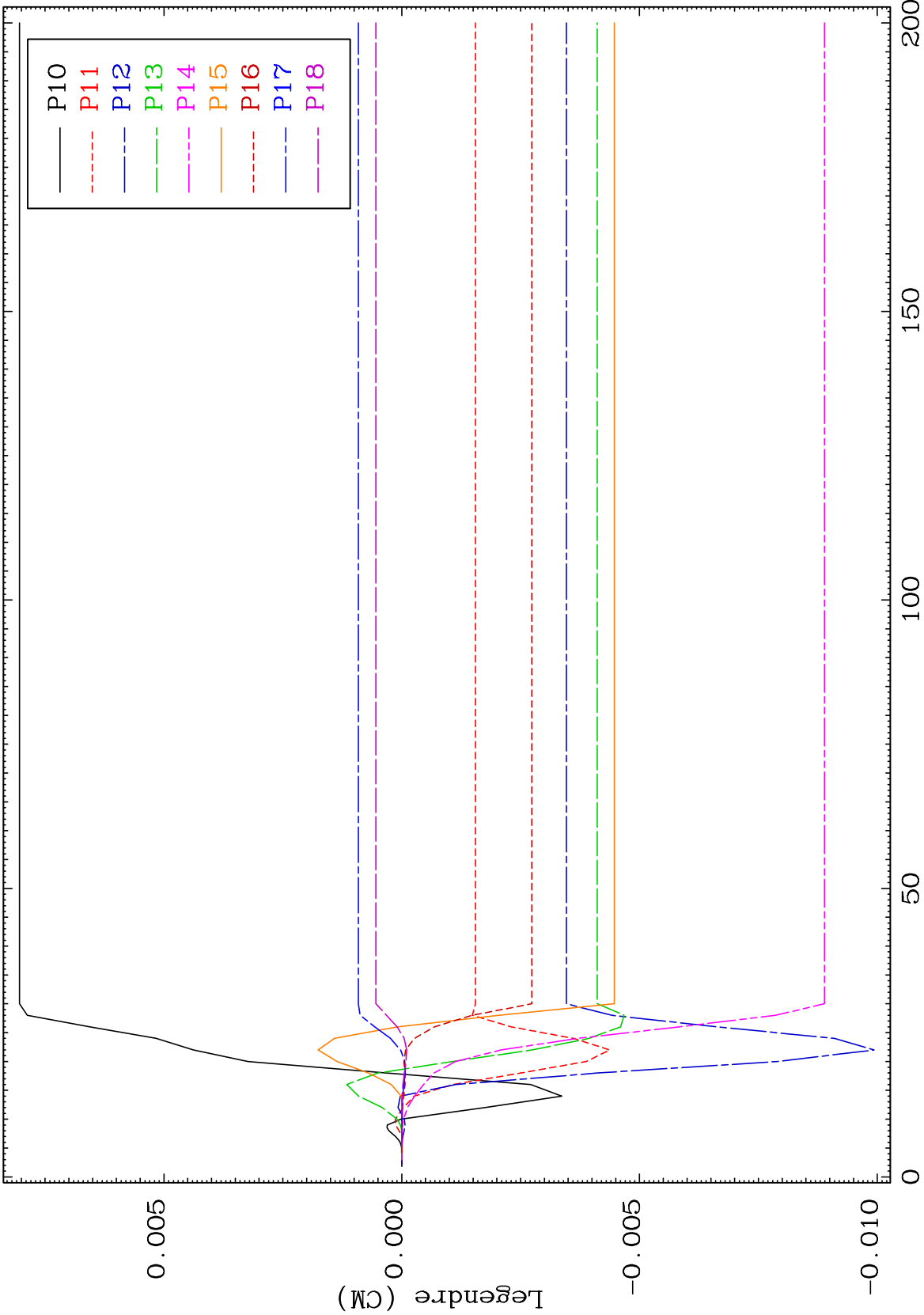
Incident Energy (MeV)

26

MAT 5146

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

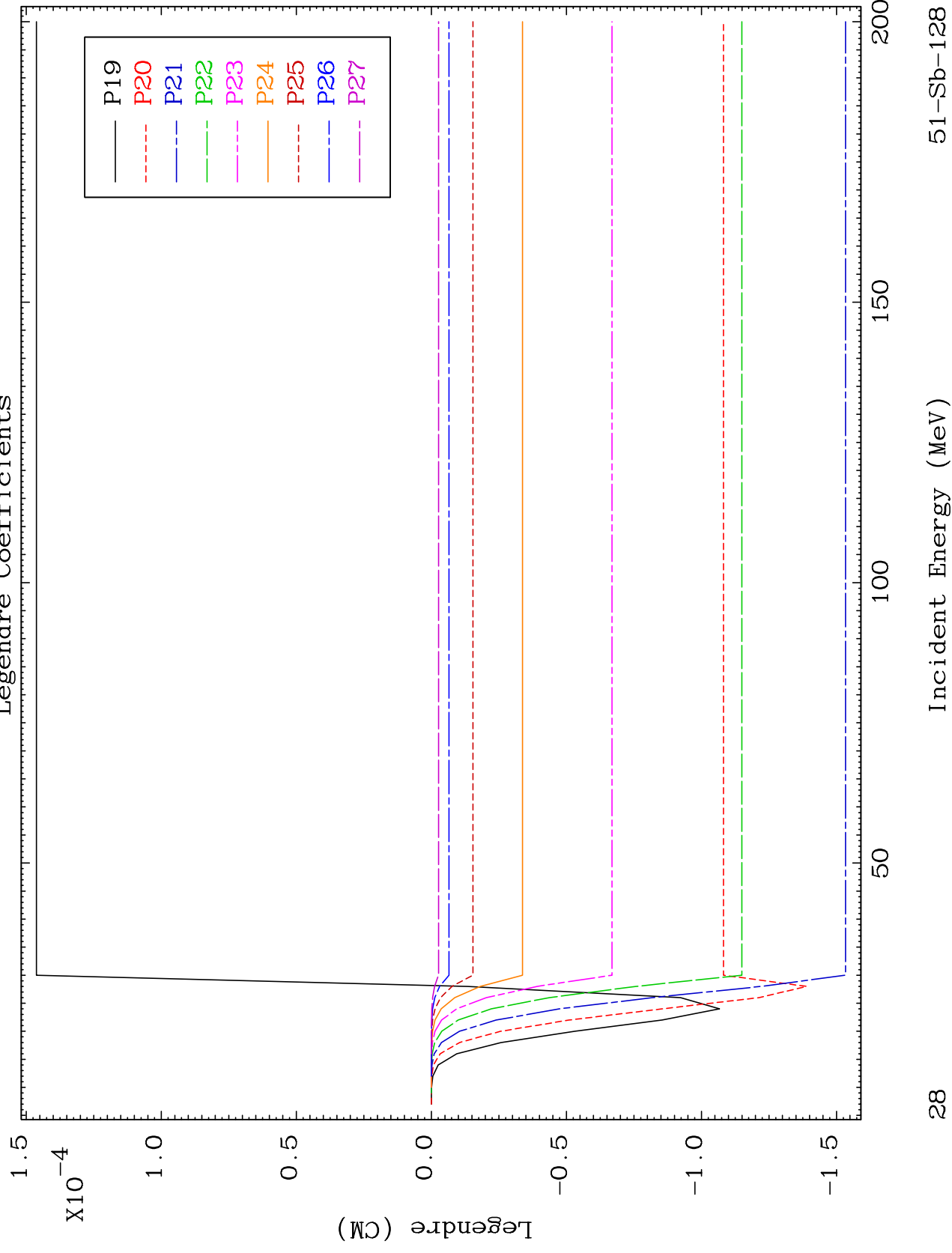
51-Sb-128



27

Incident Energy (MeV)

51-Sb-128

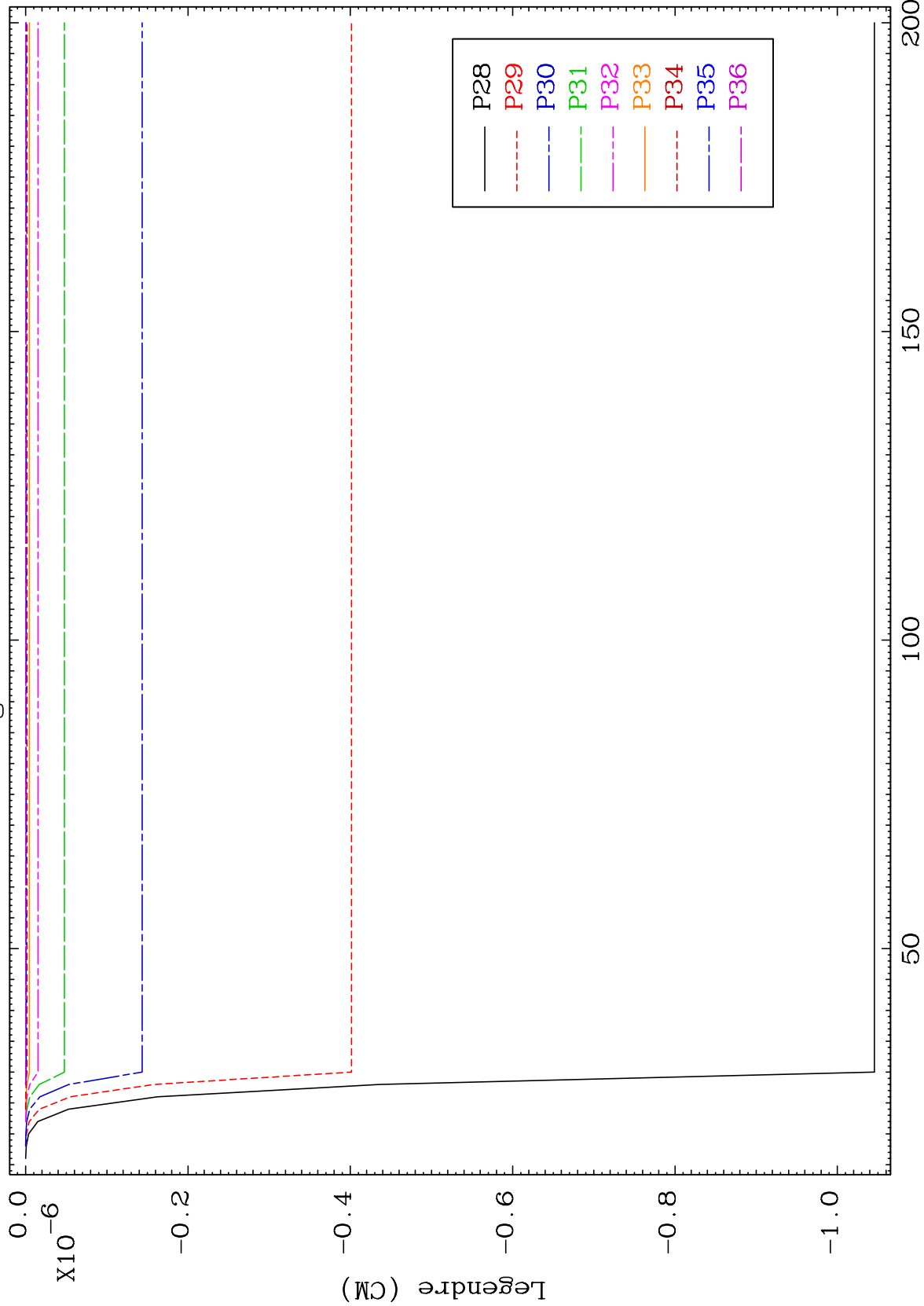


MAT 5146

MT= 53 (n,n') Level

51-Sb-128

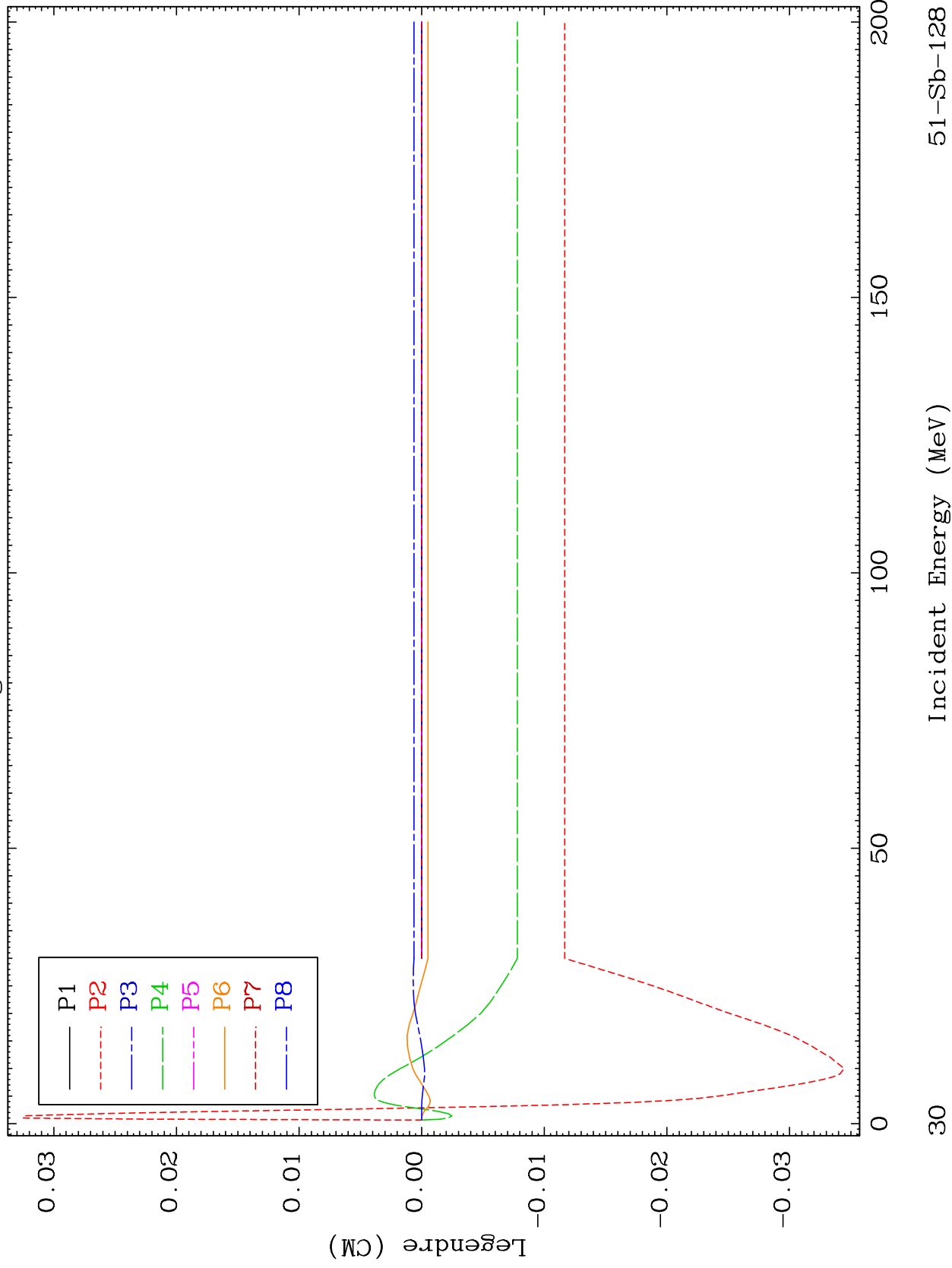
Legendre Coefficients



MAT 5146

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

51-Sb-128



51-Sb-128

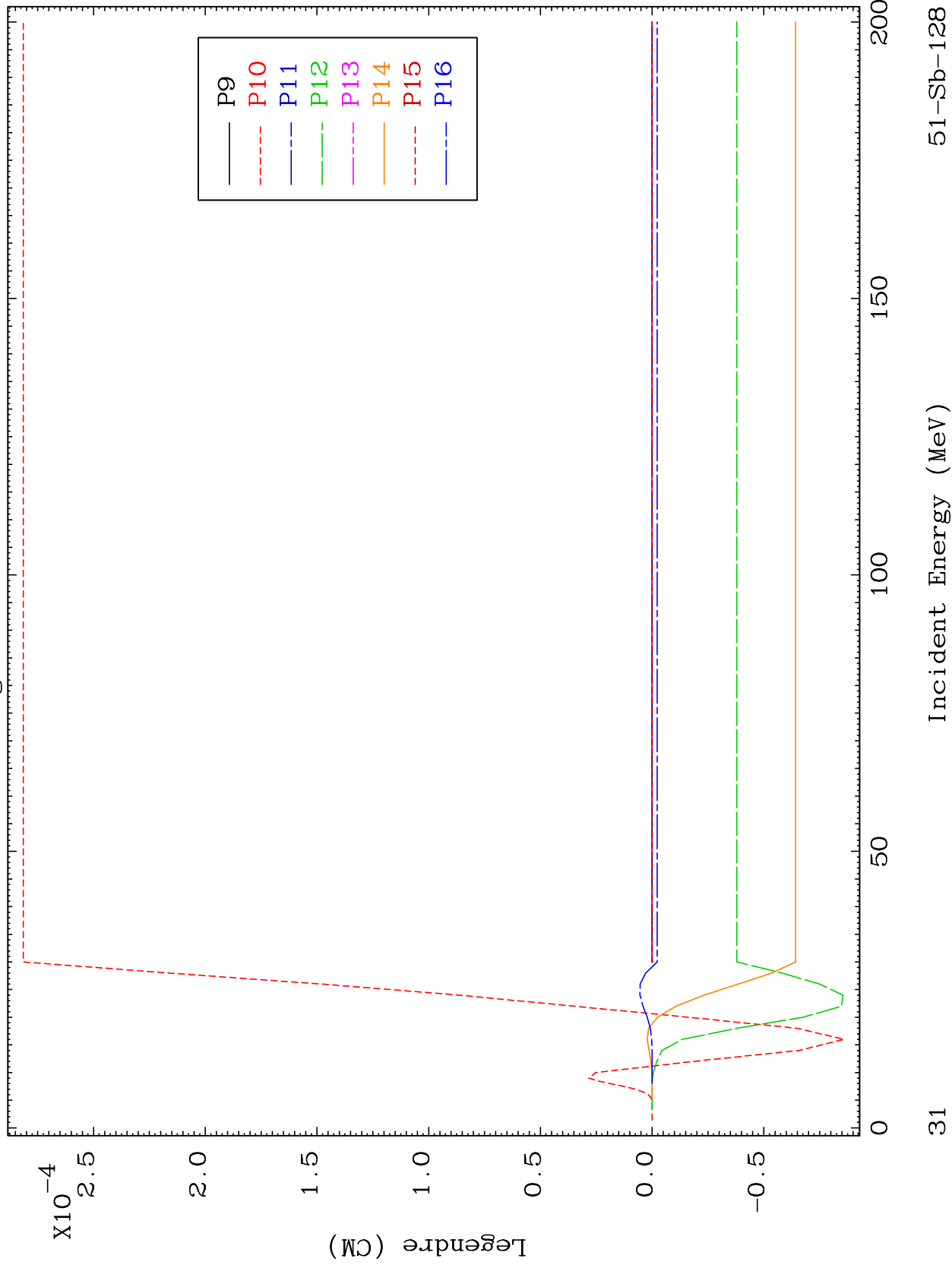
Incident Energy (MeV)

30

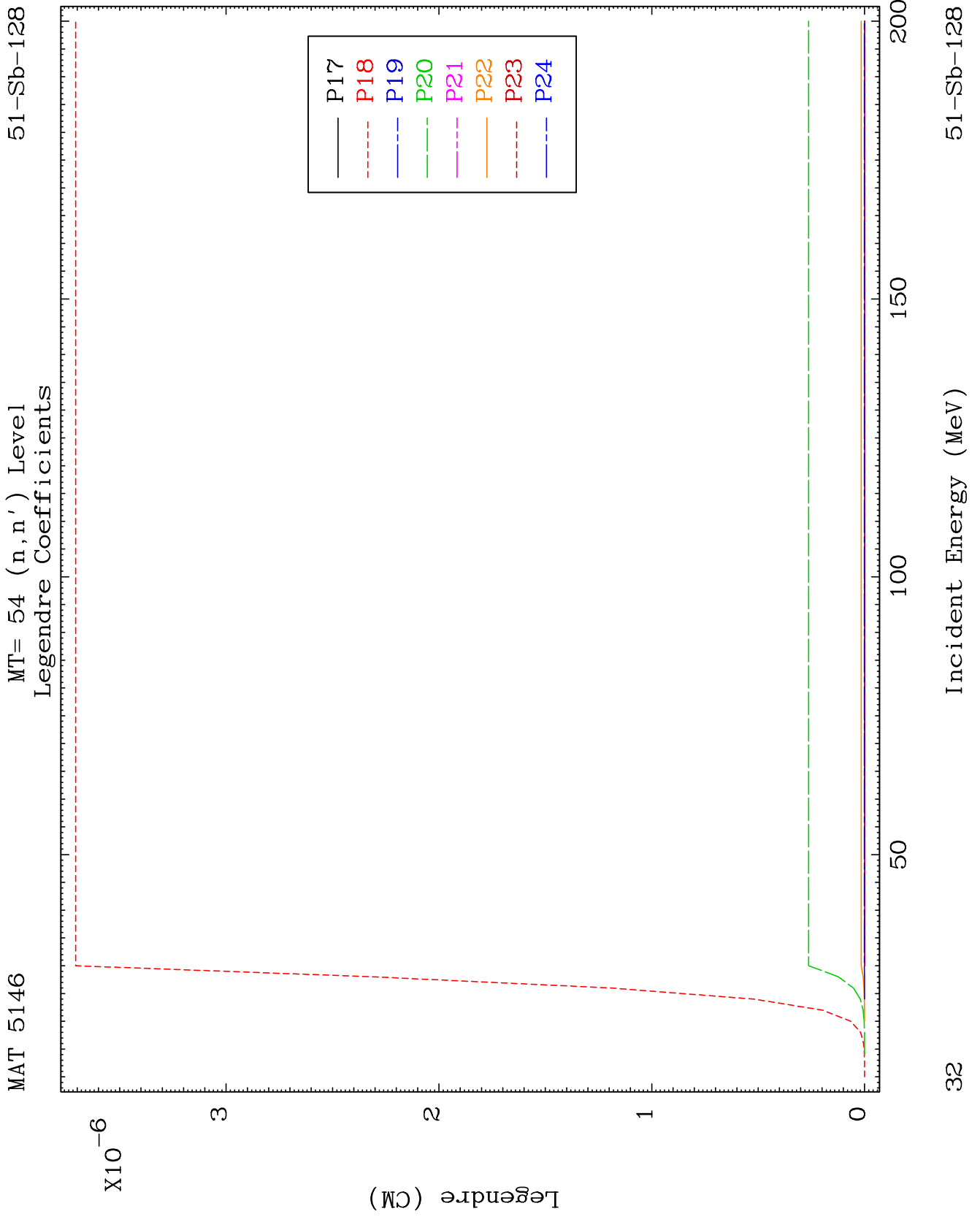
MAT 5146

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

51-Sb-128



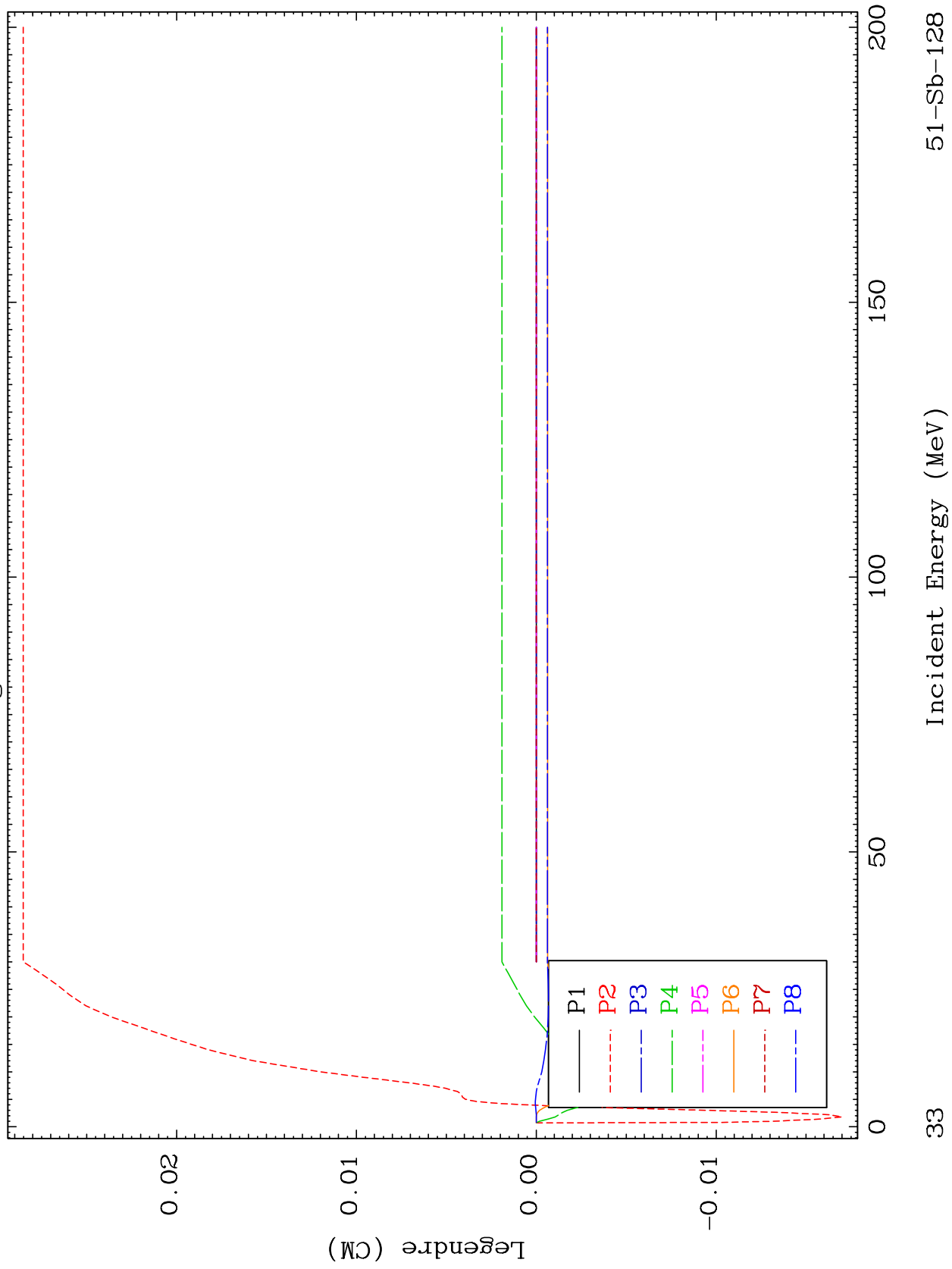
31



MAT 5146

51-Sb-128

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



33

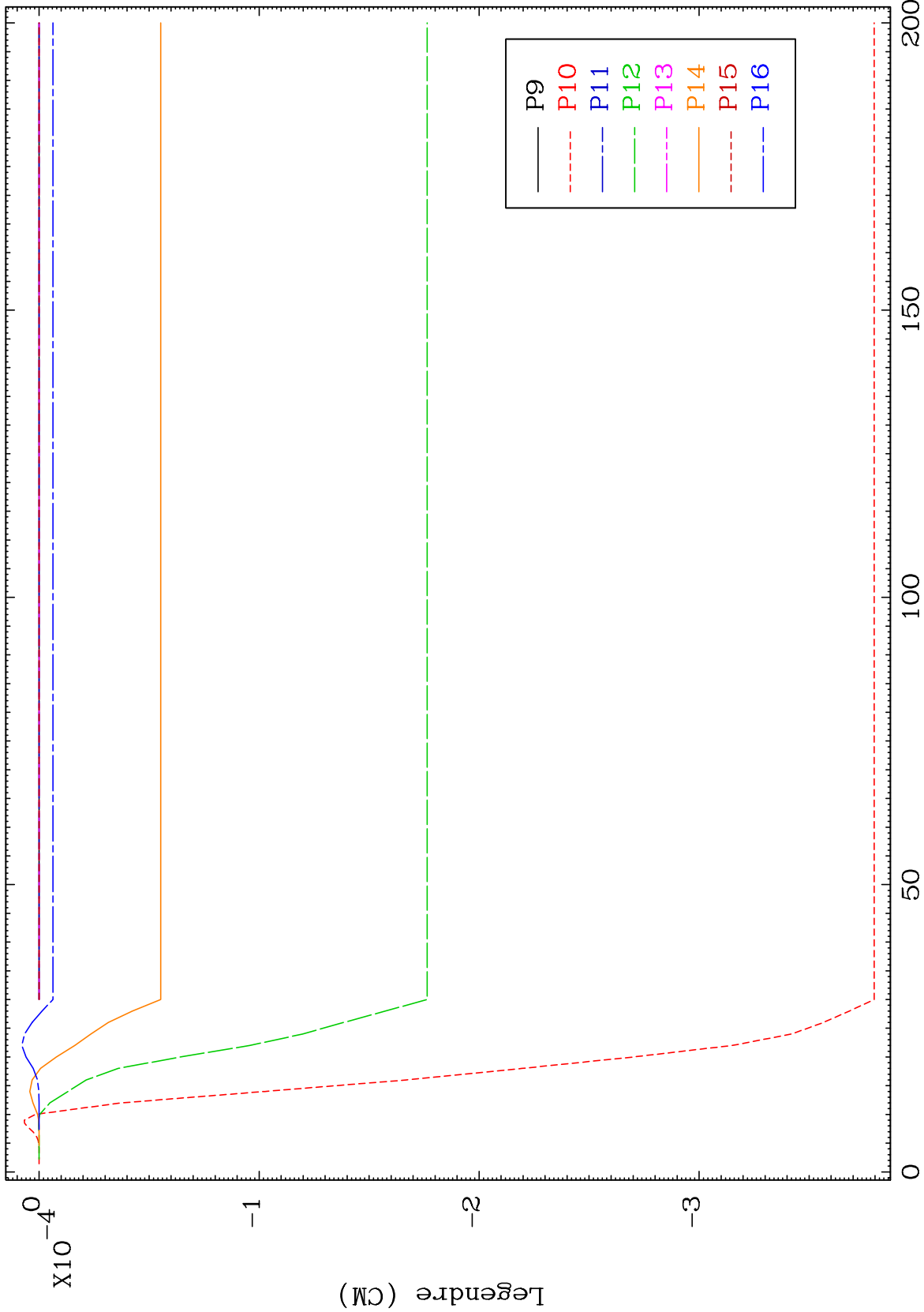
51-Sb-128

MAT 5146

MT= 55 (n,n') Level

51-Sb-128

Legendre Coefficients



34

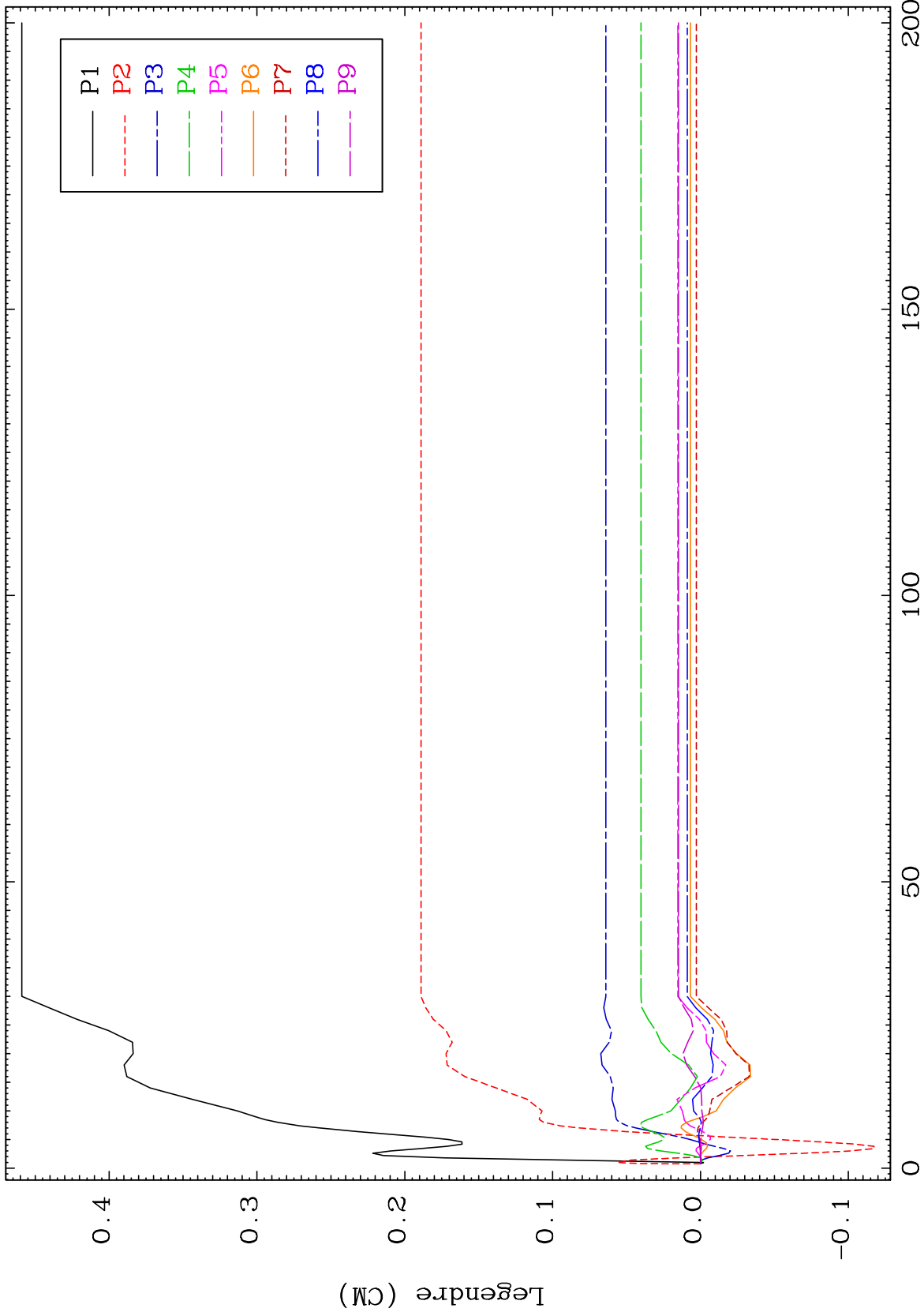
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



36

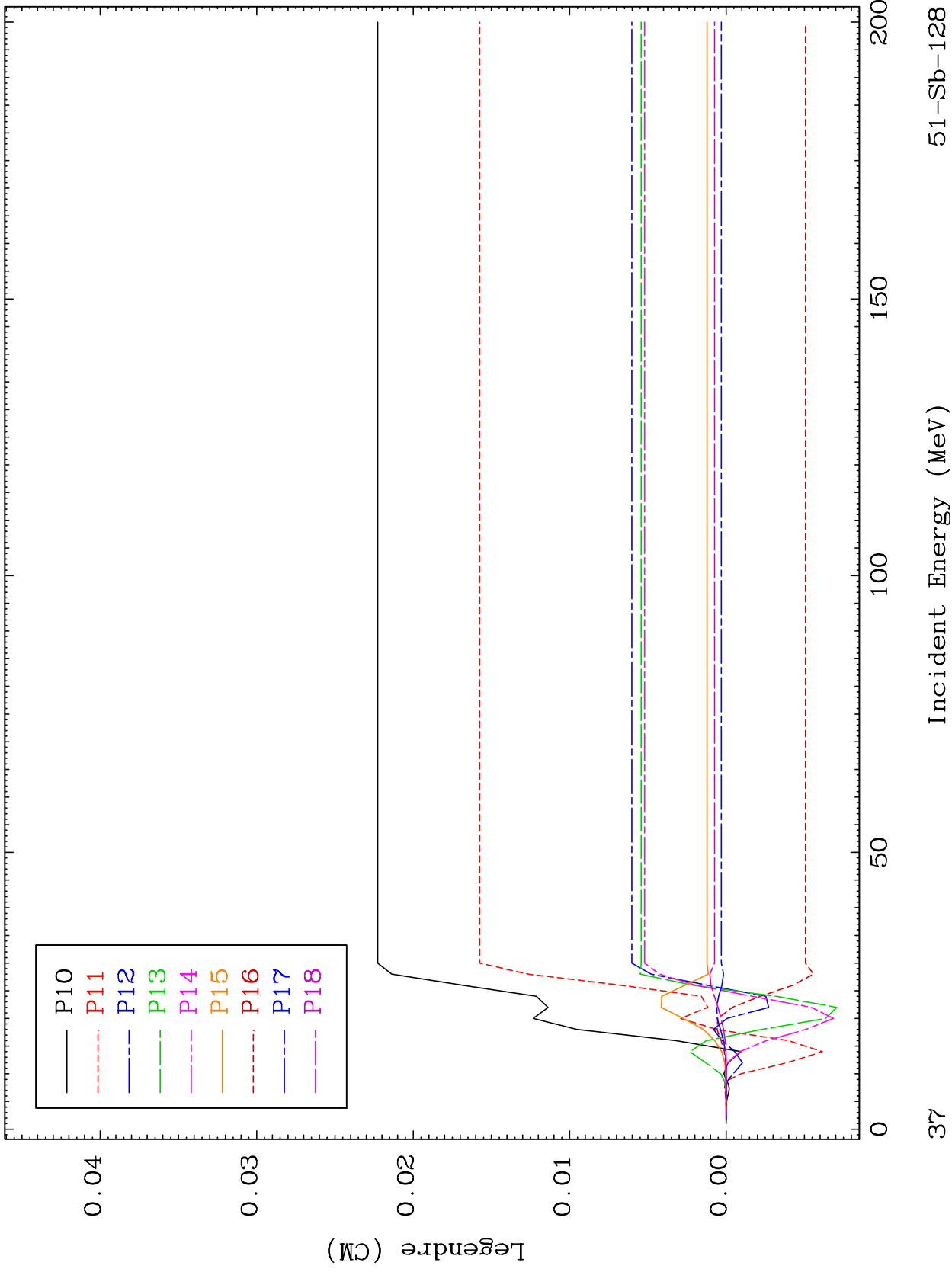
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

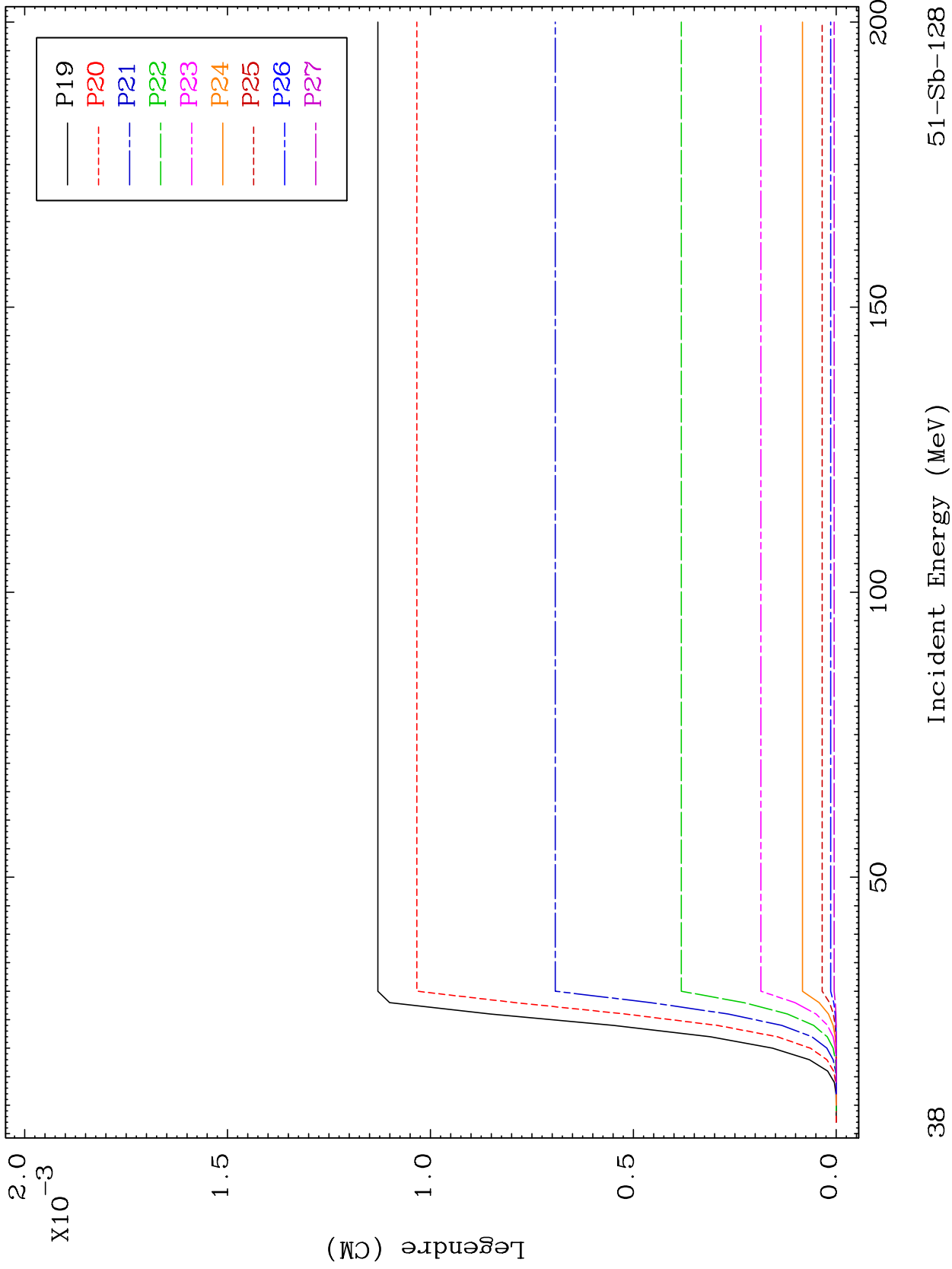
51-Sb-128



MAT 5146

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

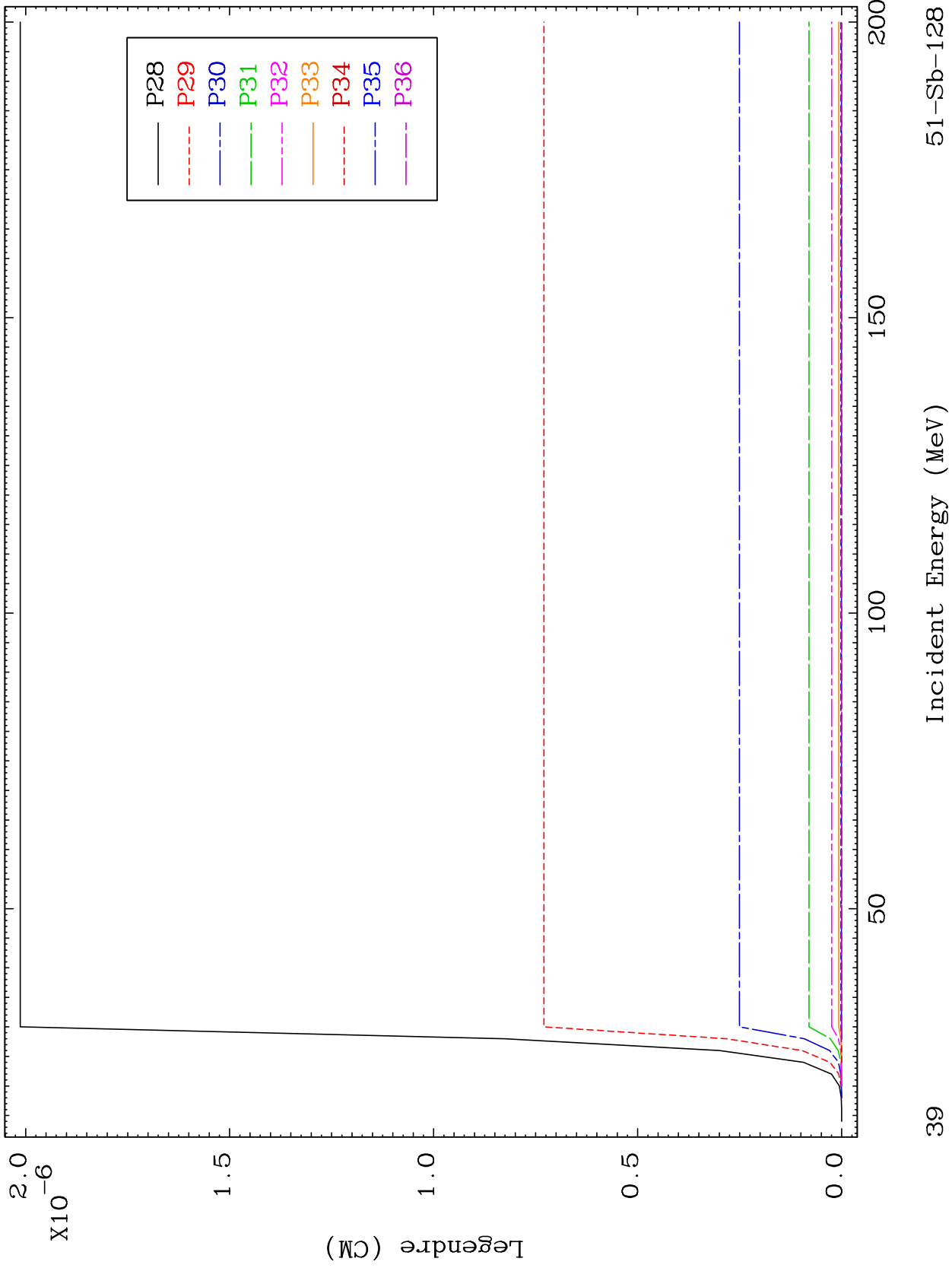
51-Sb-128



MAT 5146

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

51-Sb-128



39

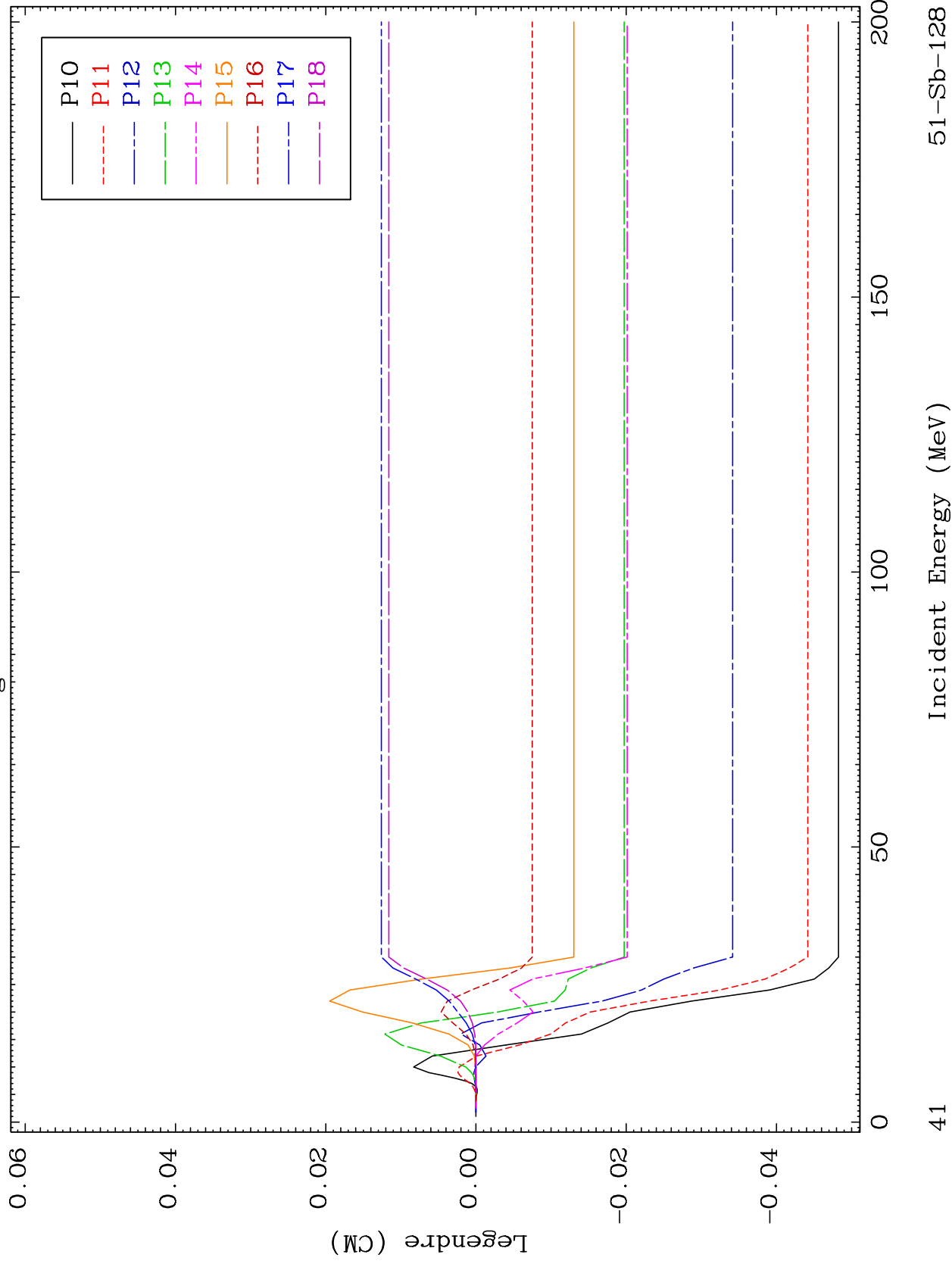
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



41

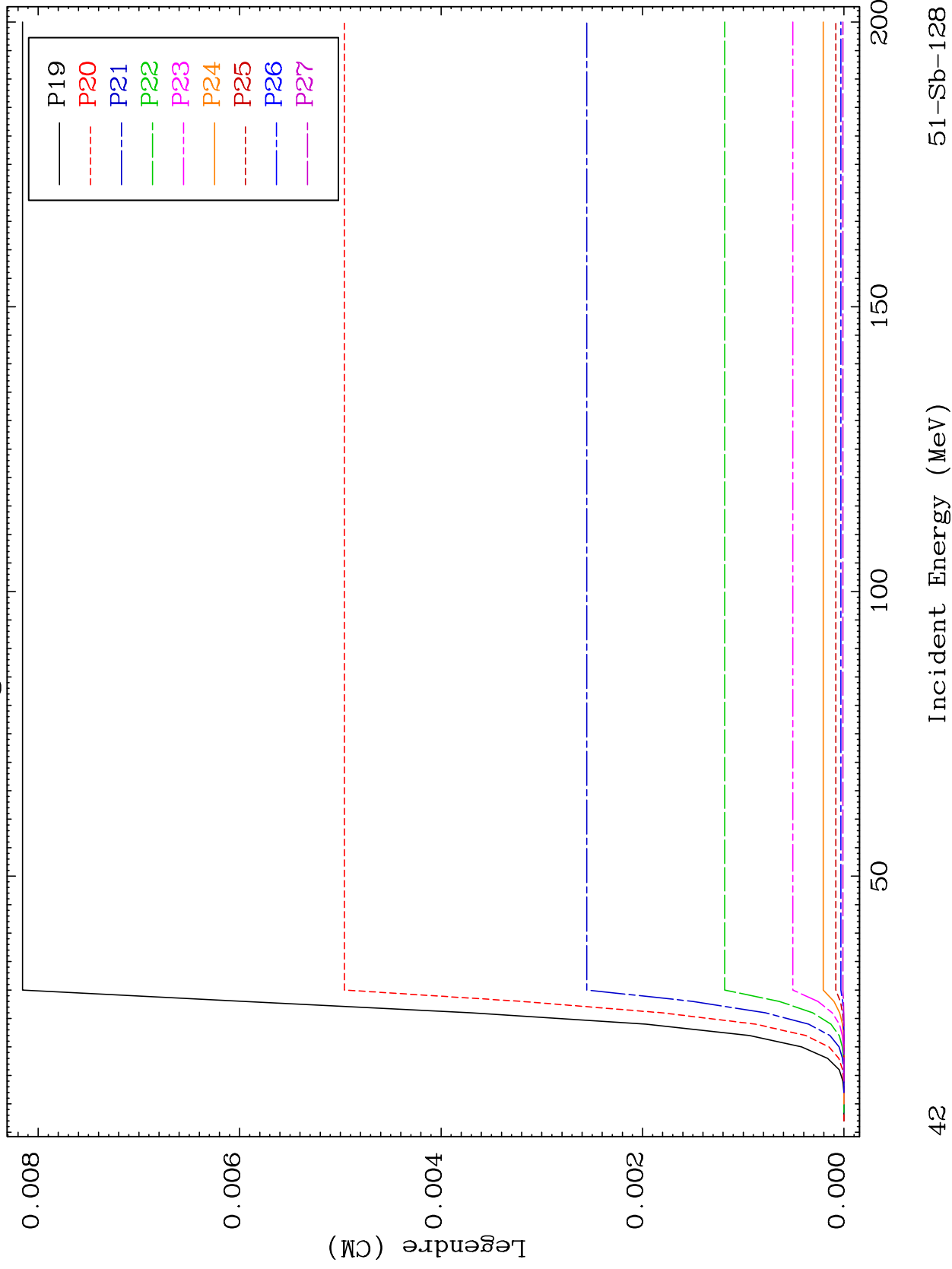
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



42

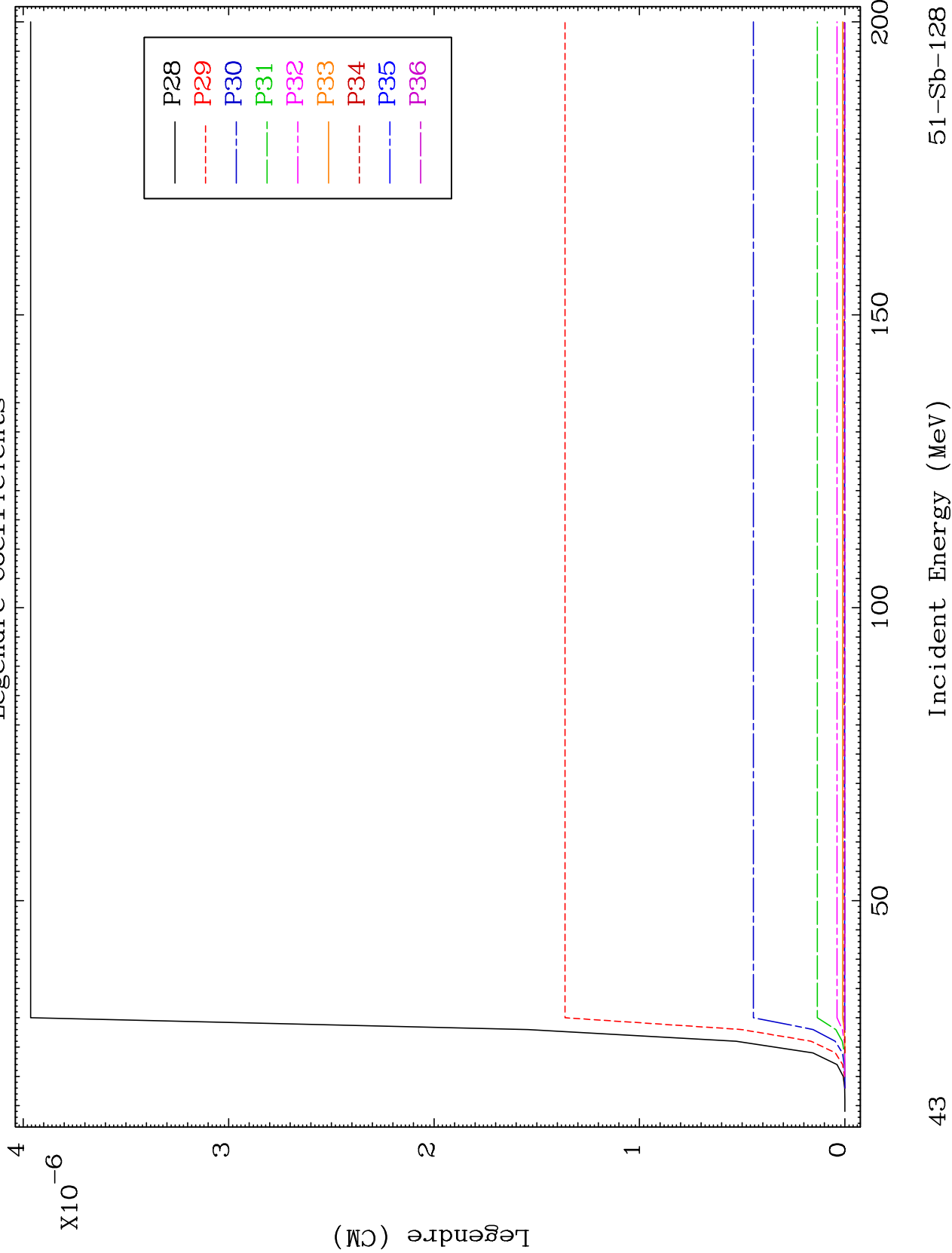
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



43

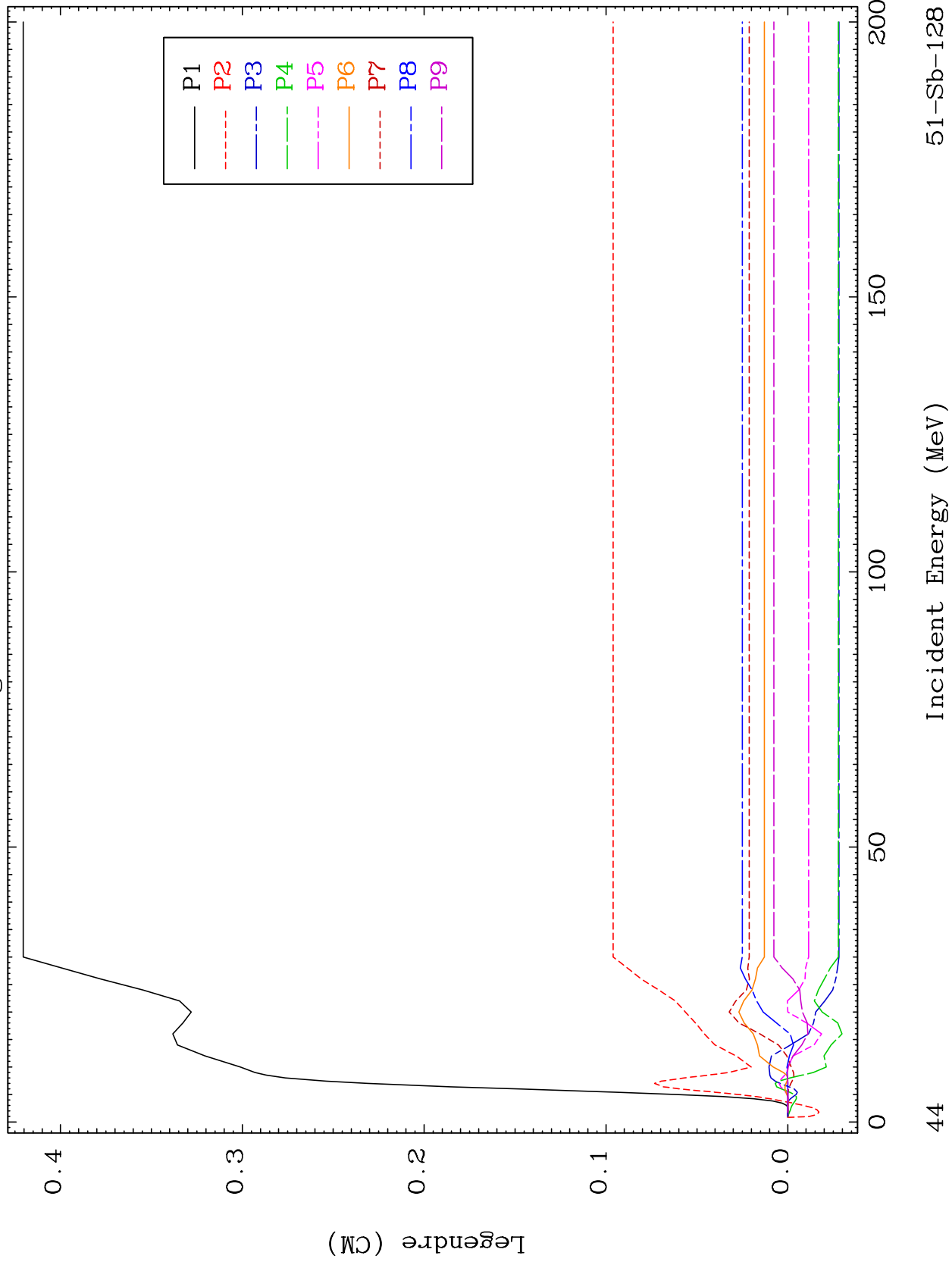
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

Incident Energy (MeV)

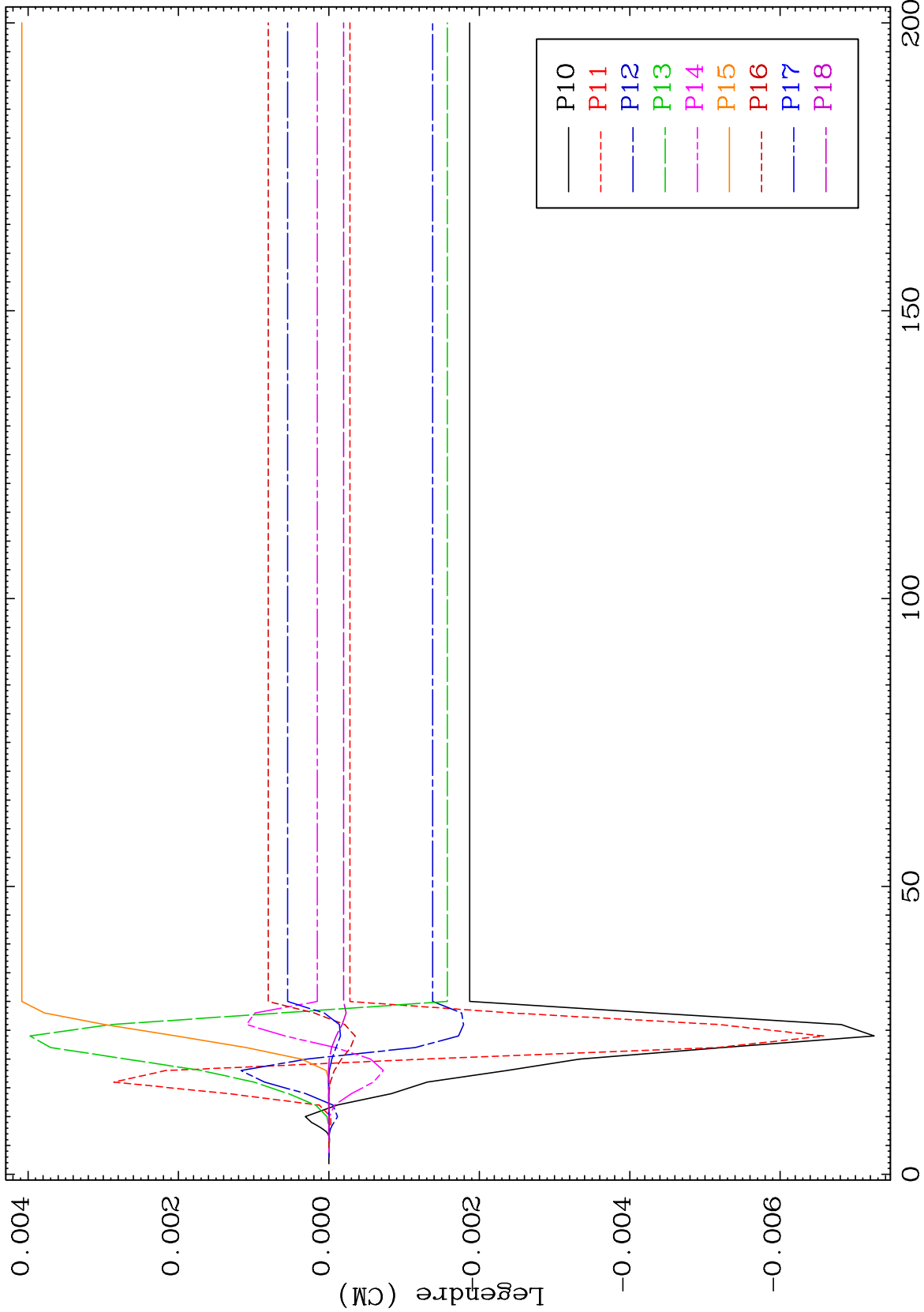
44

MAT 5146

MT= 58 (n,n') Level

51-Sb-128

Legendre Coefficients



45

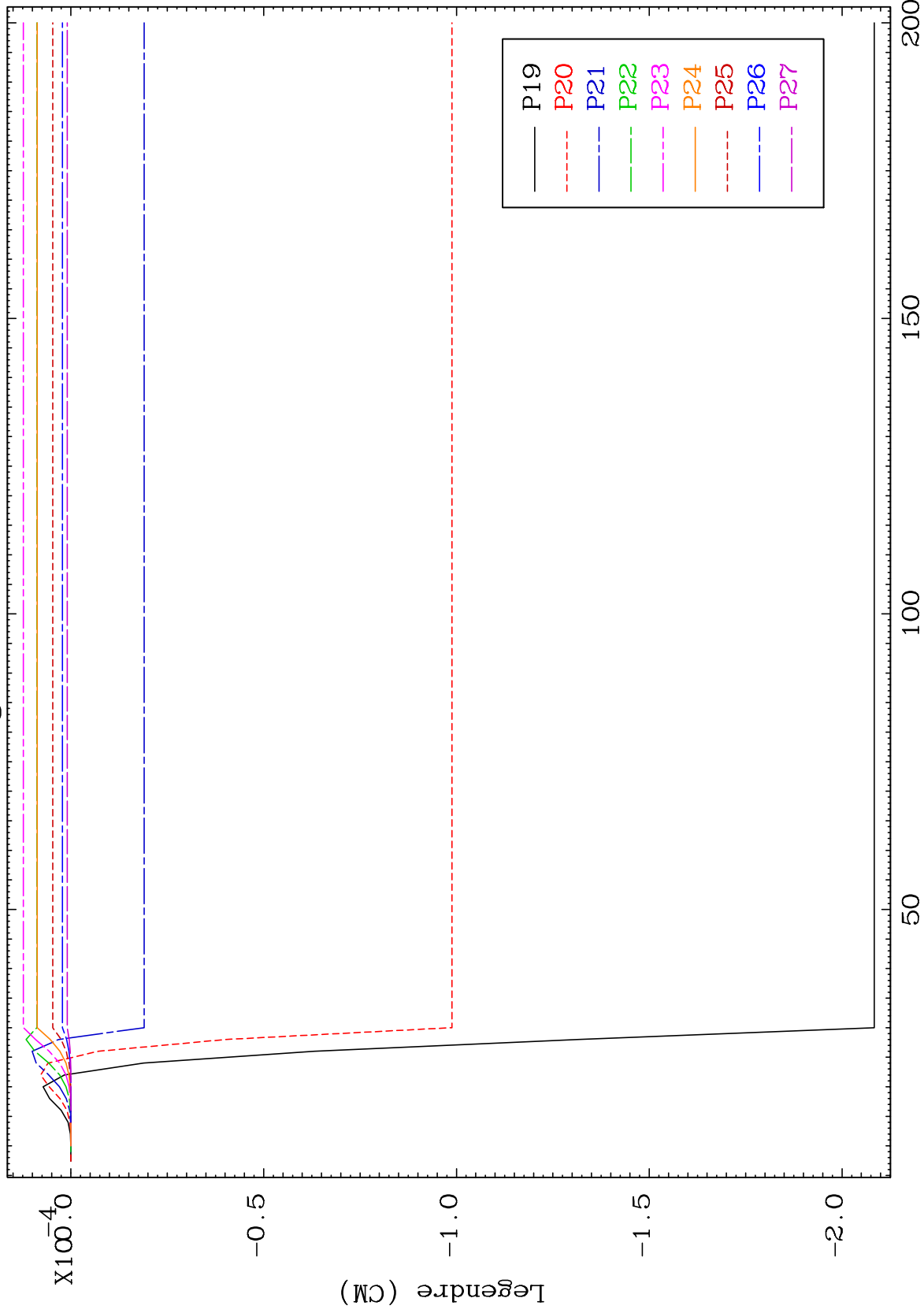
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



46

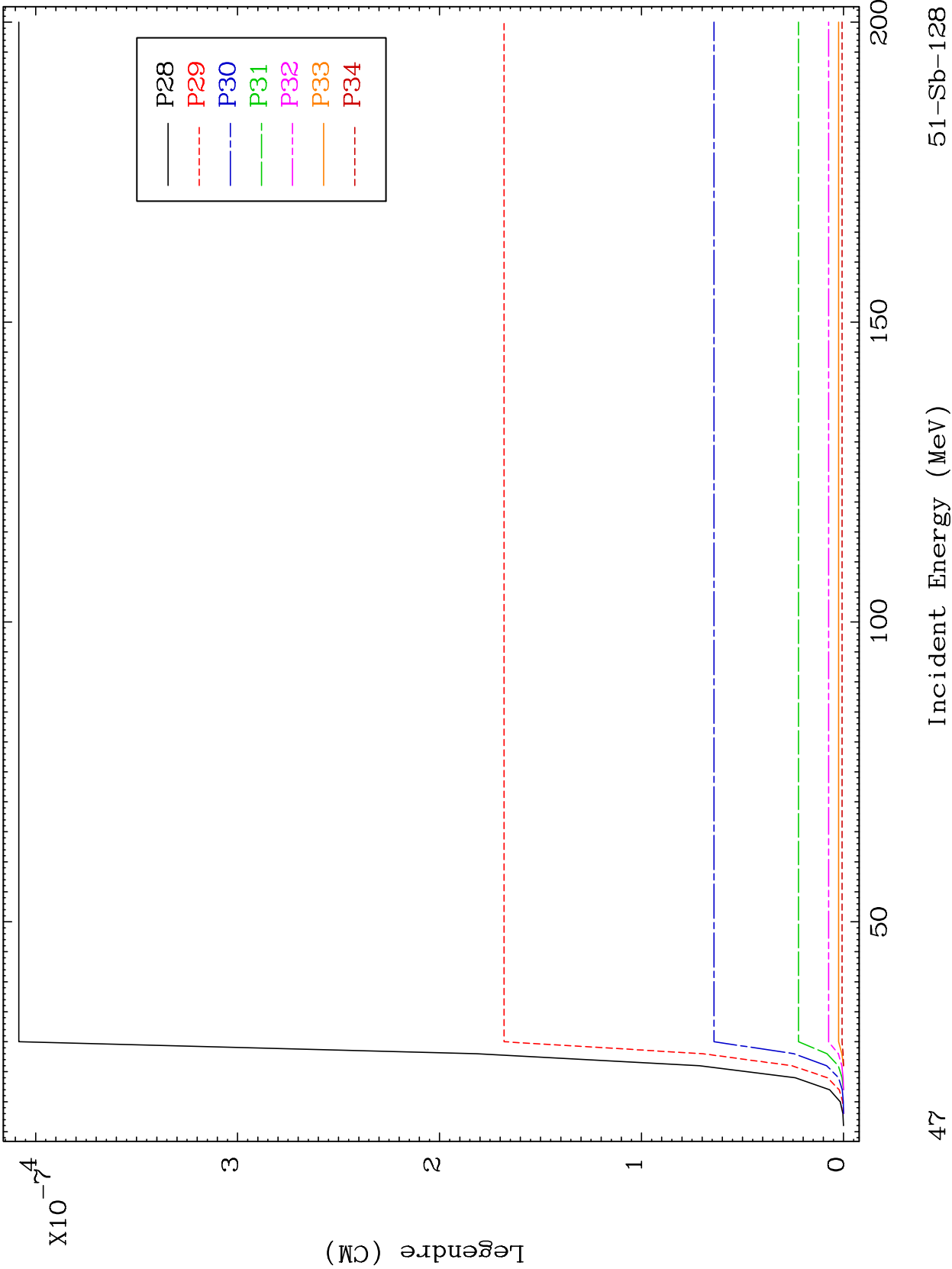
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



47

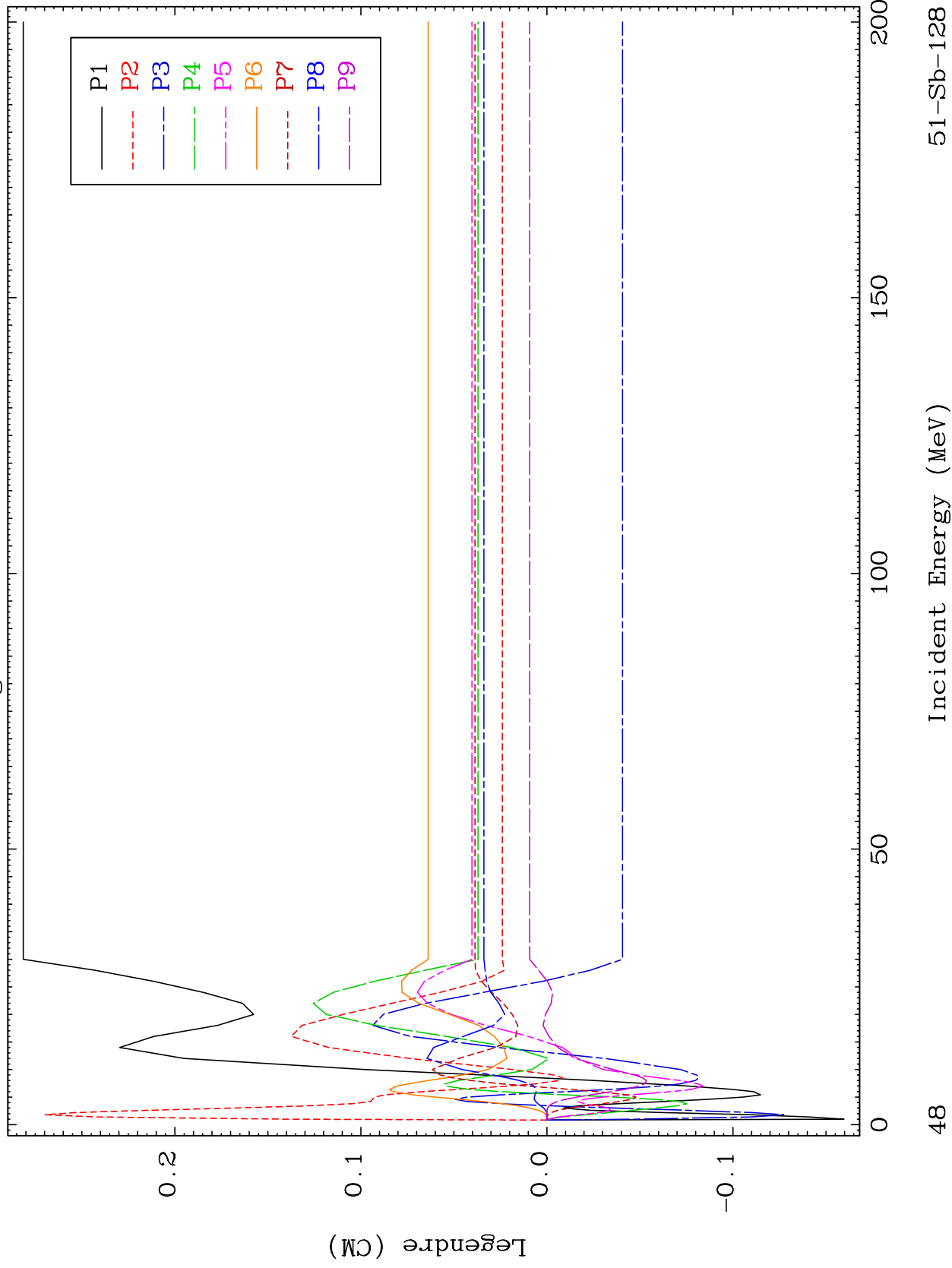
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

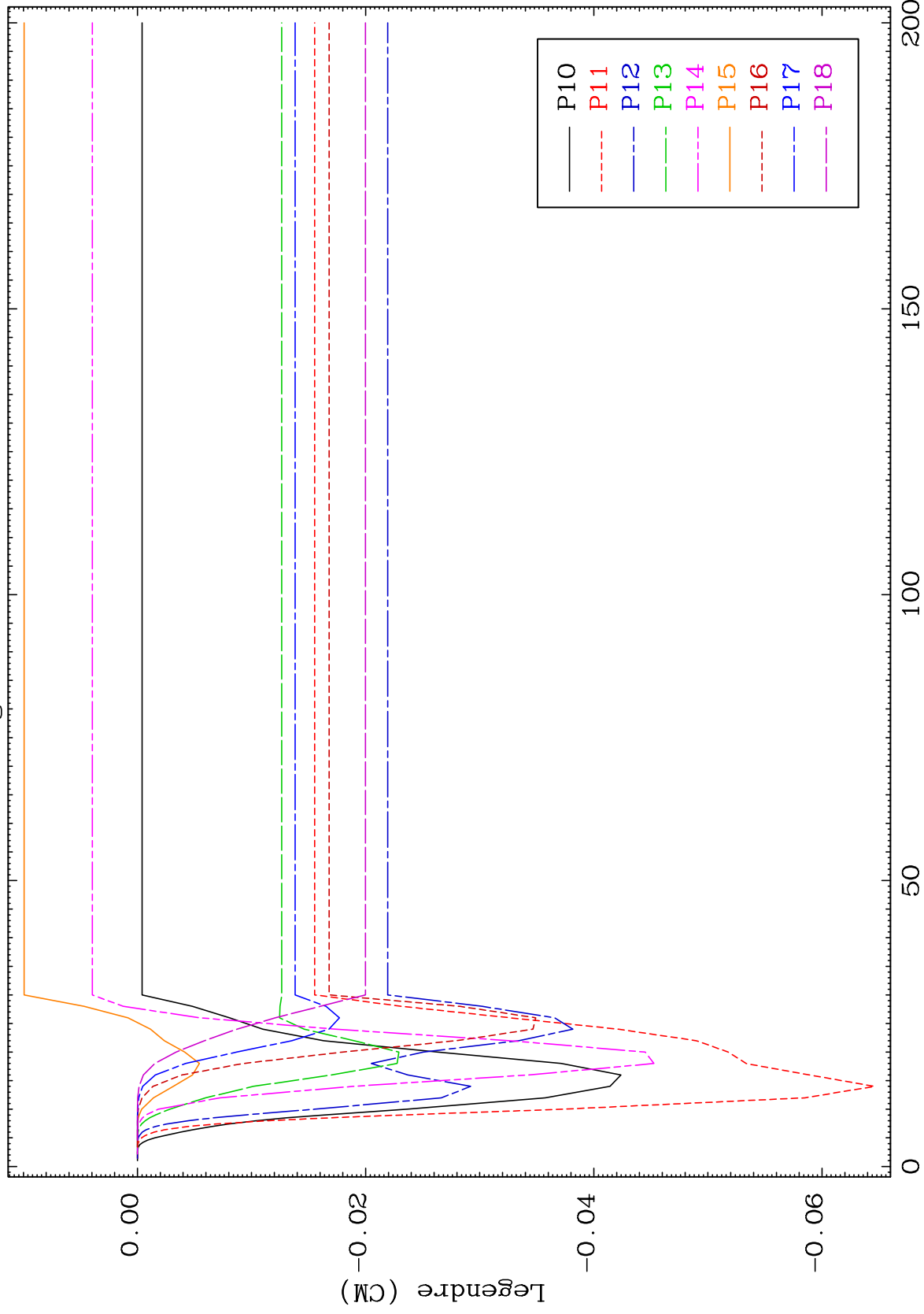
Incident Energy (MeV)

48

MAT 5146

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

51-Sb-128



49

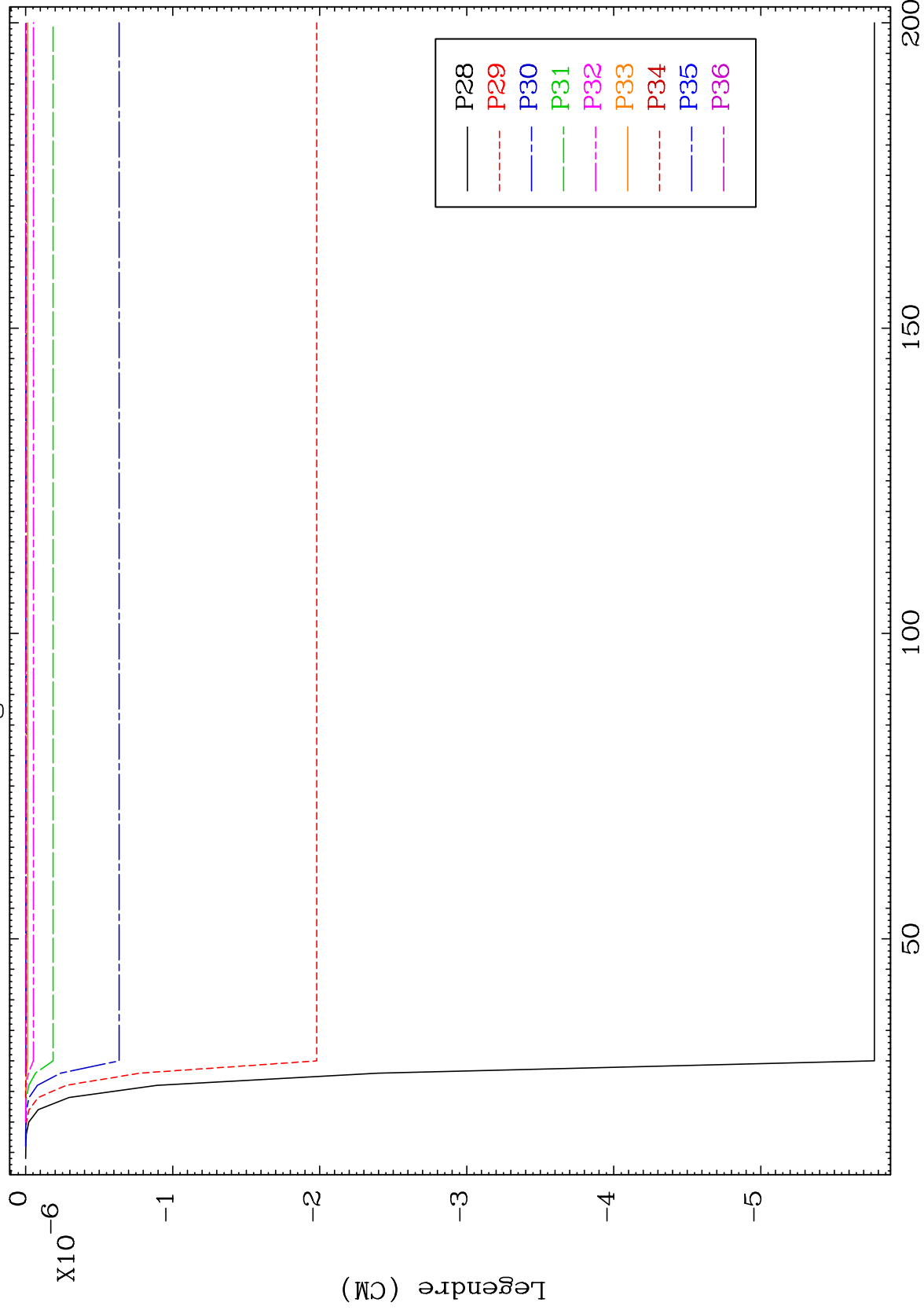
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51

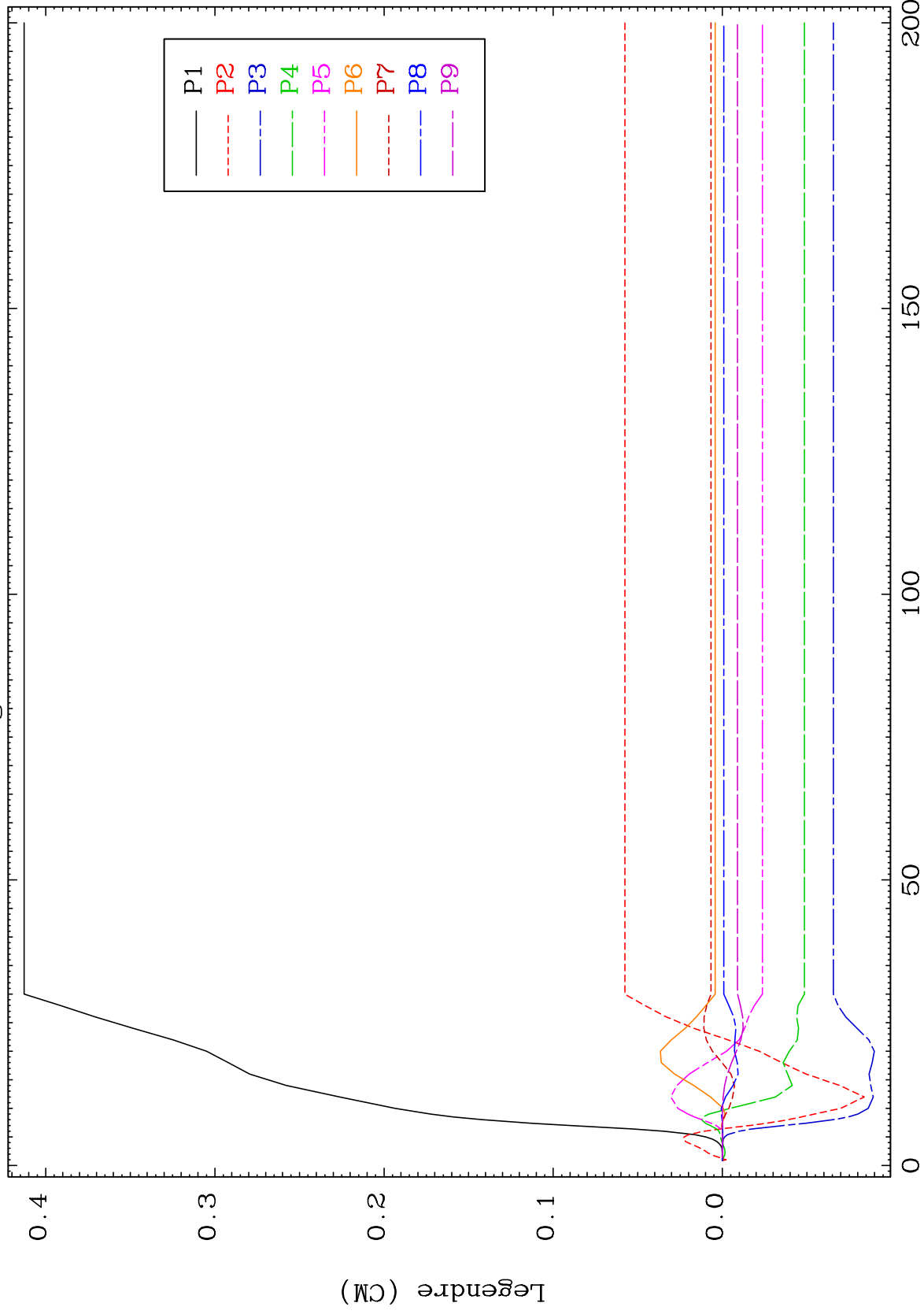
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



52

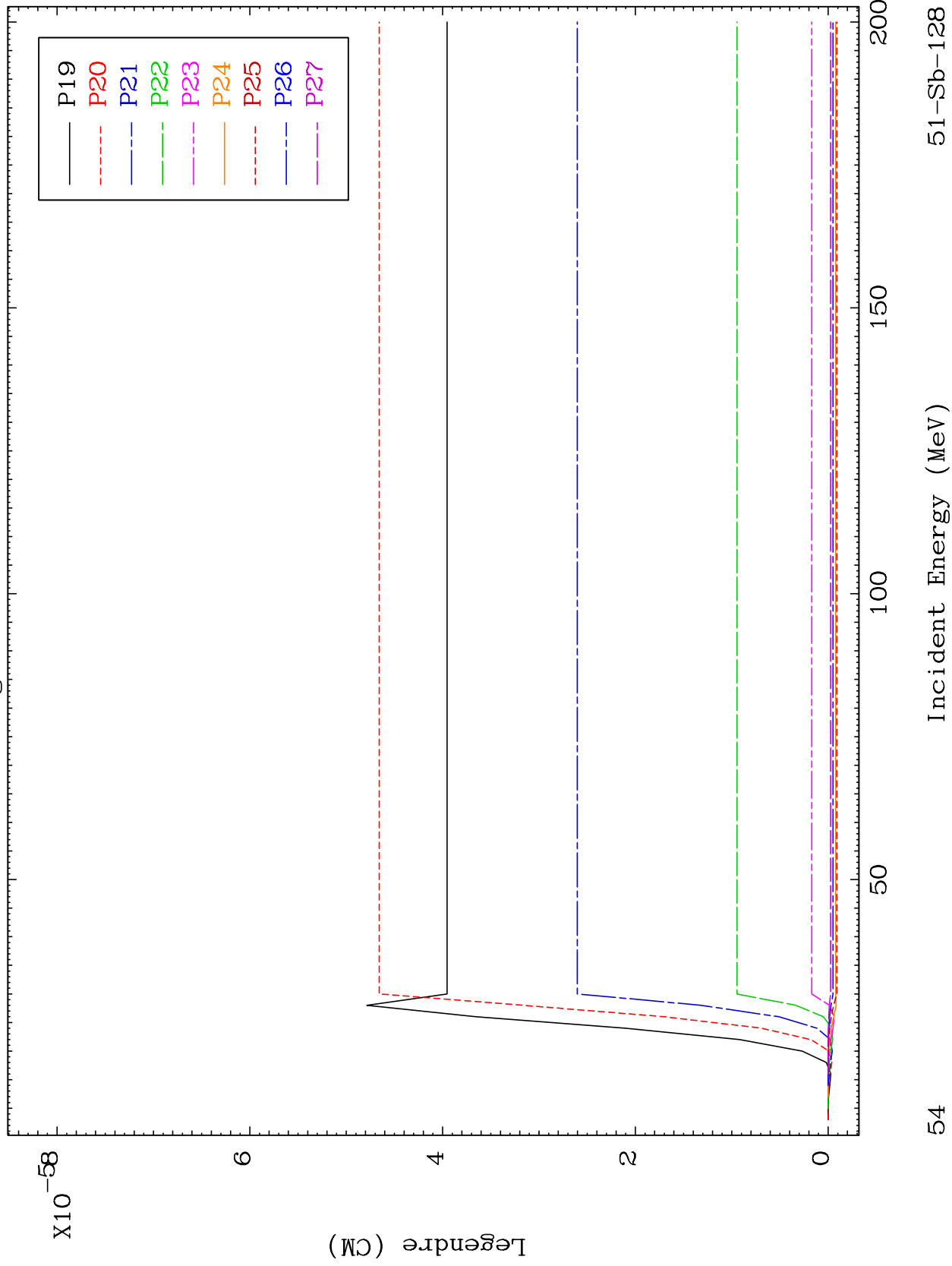
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



54

Incident Energy (MeV)

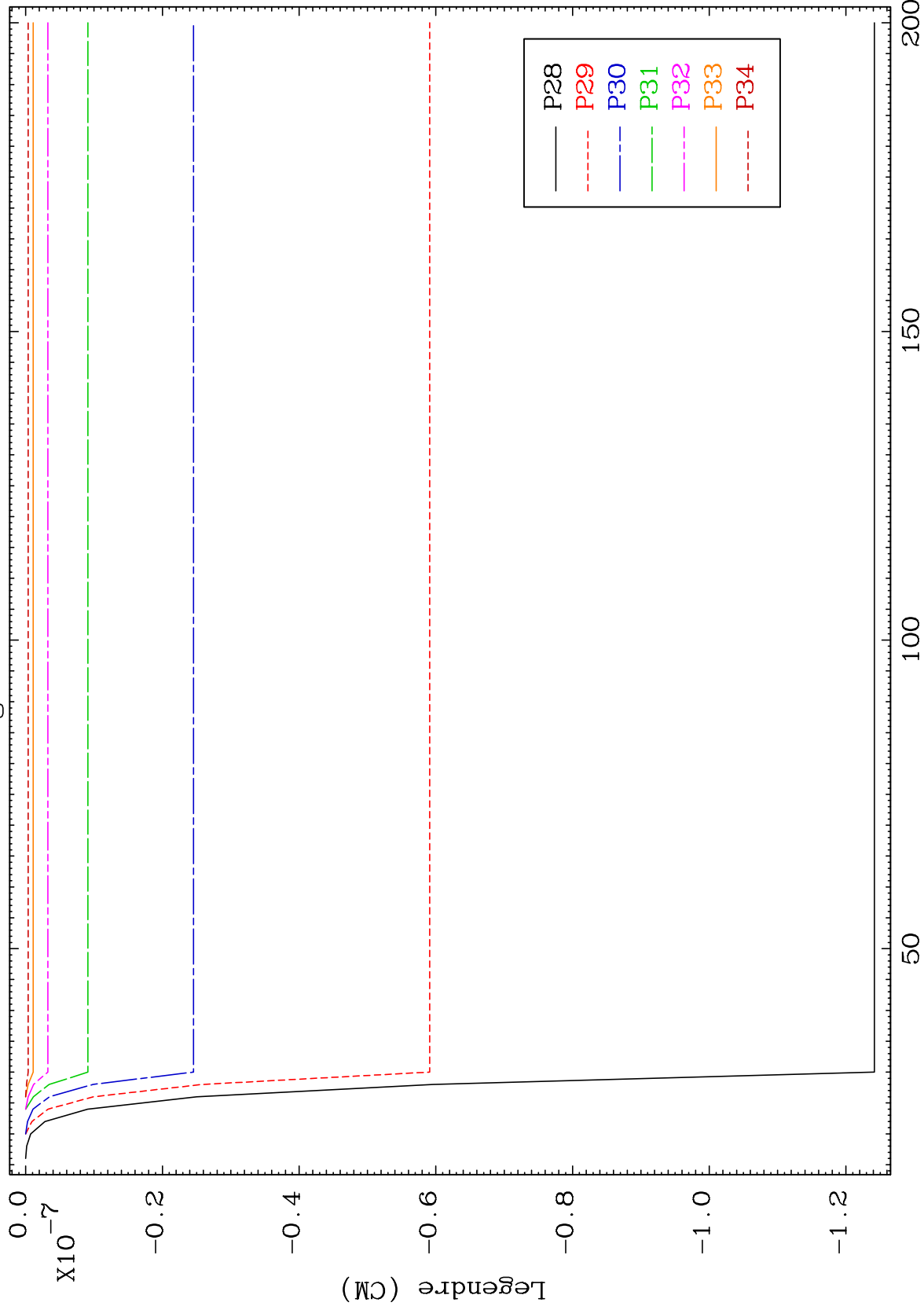
51-Sb-128

MAT 5146

MT= 60 (n,n') Level

51-Sb-128

Legendre Coefficients



55

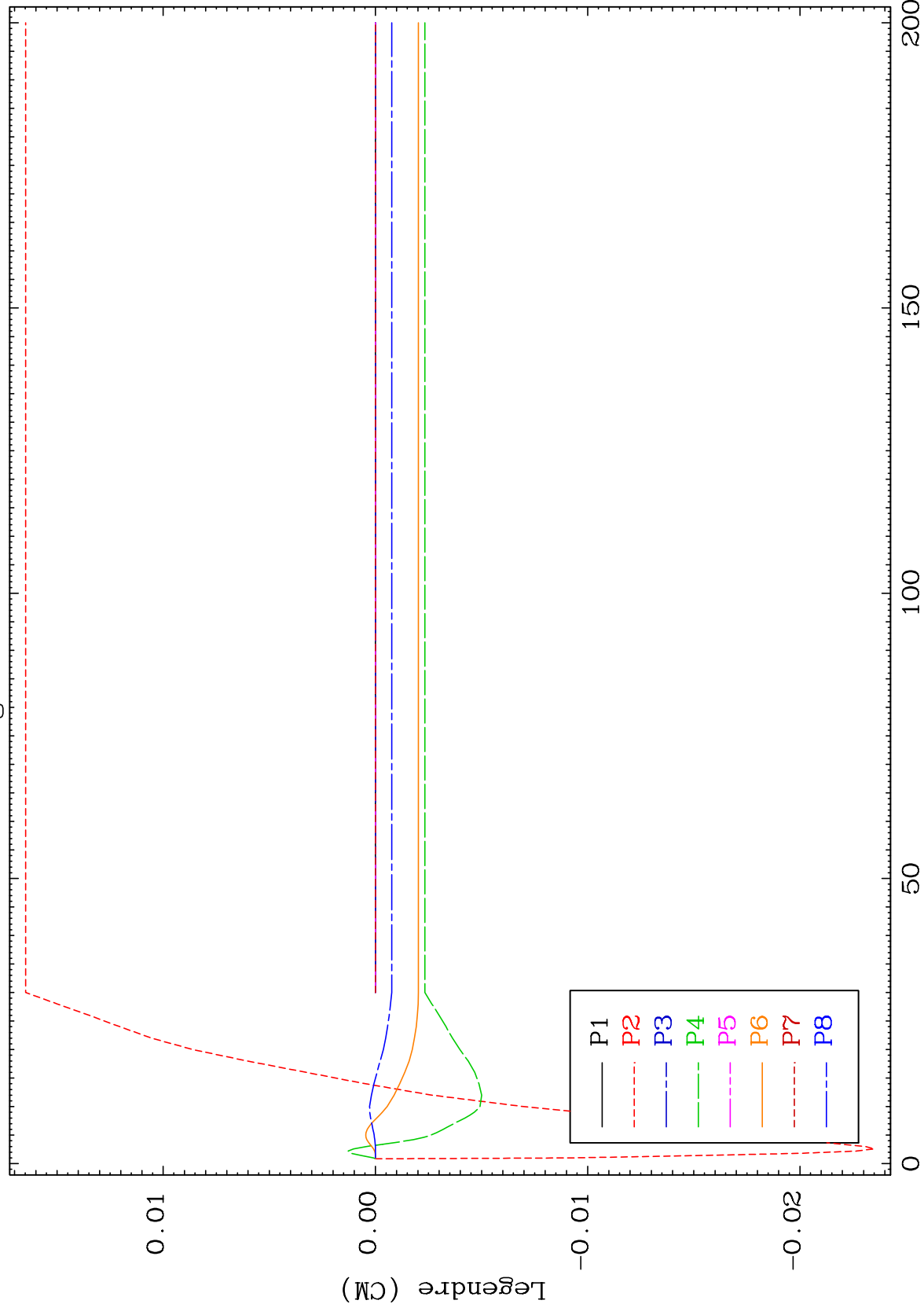
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

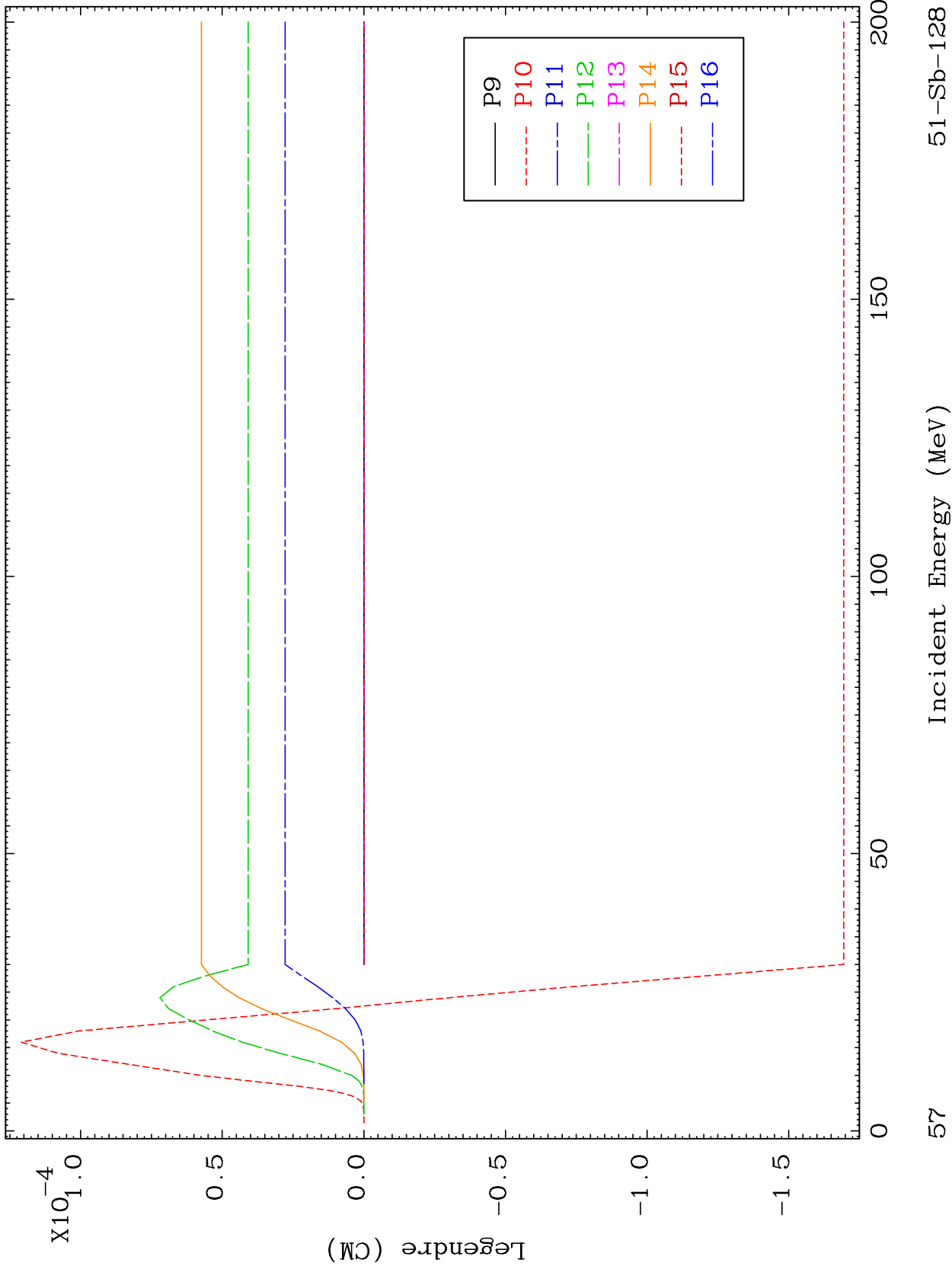
Incident Energy (MeV)

56

MAT 5146

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

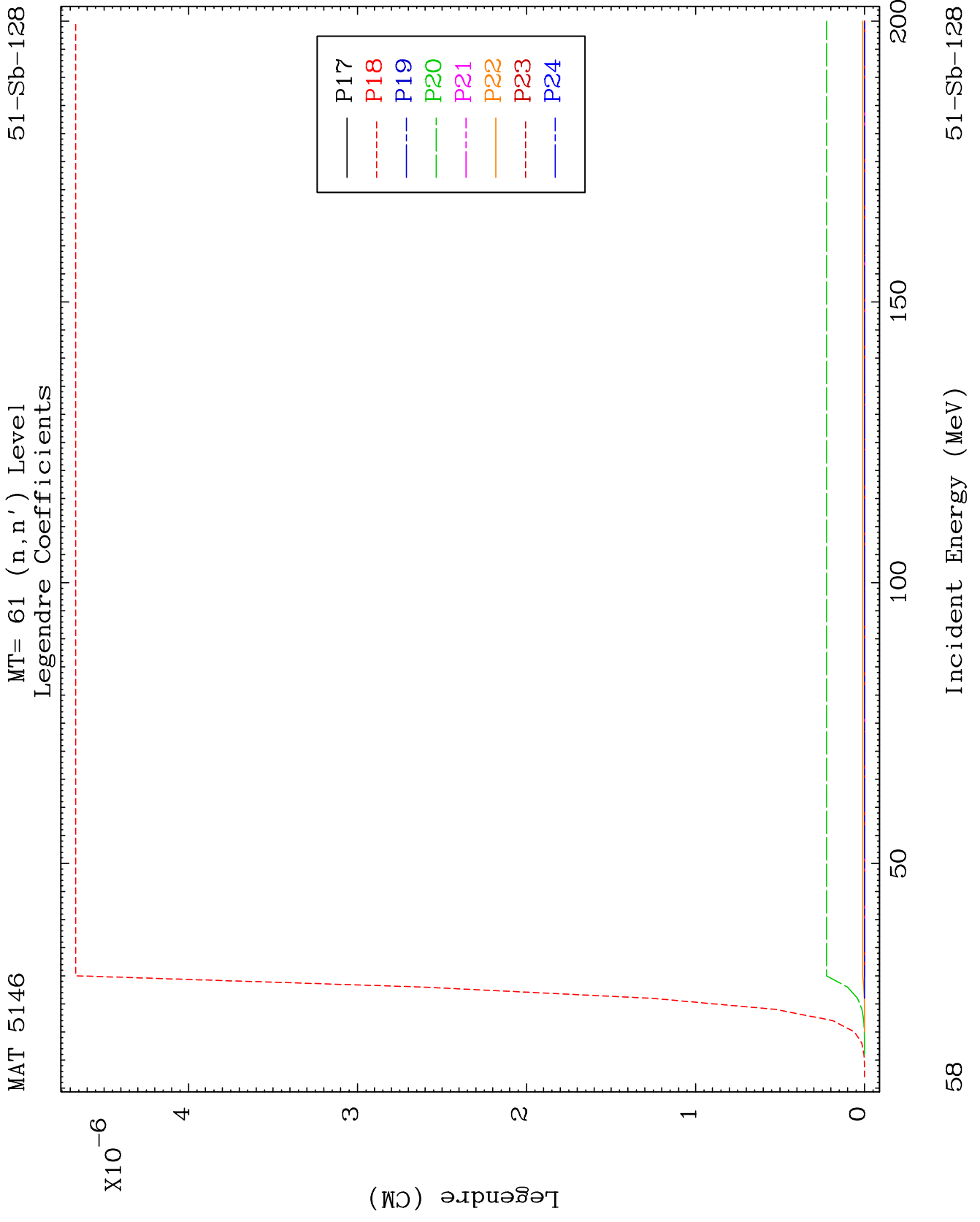
51-Sb-128



51-Sb-128

Incident Energy (MeV)

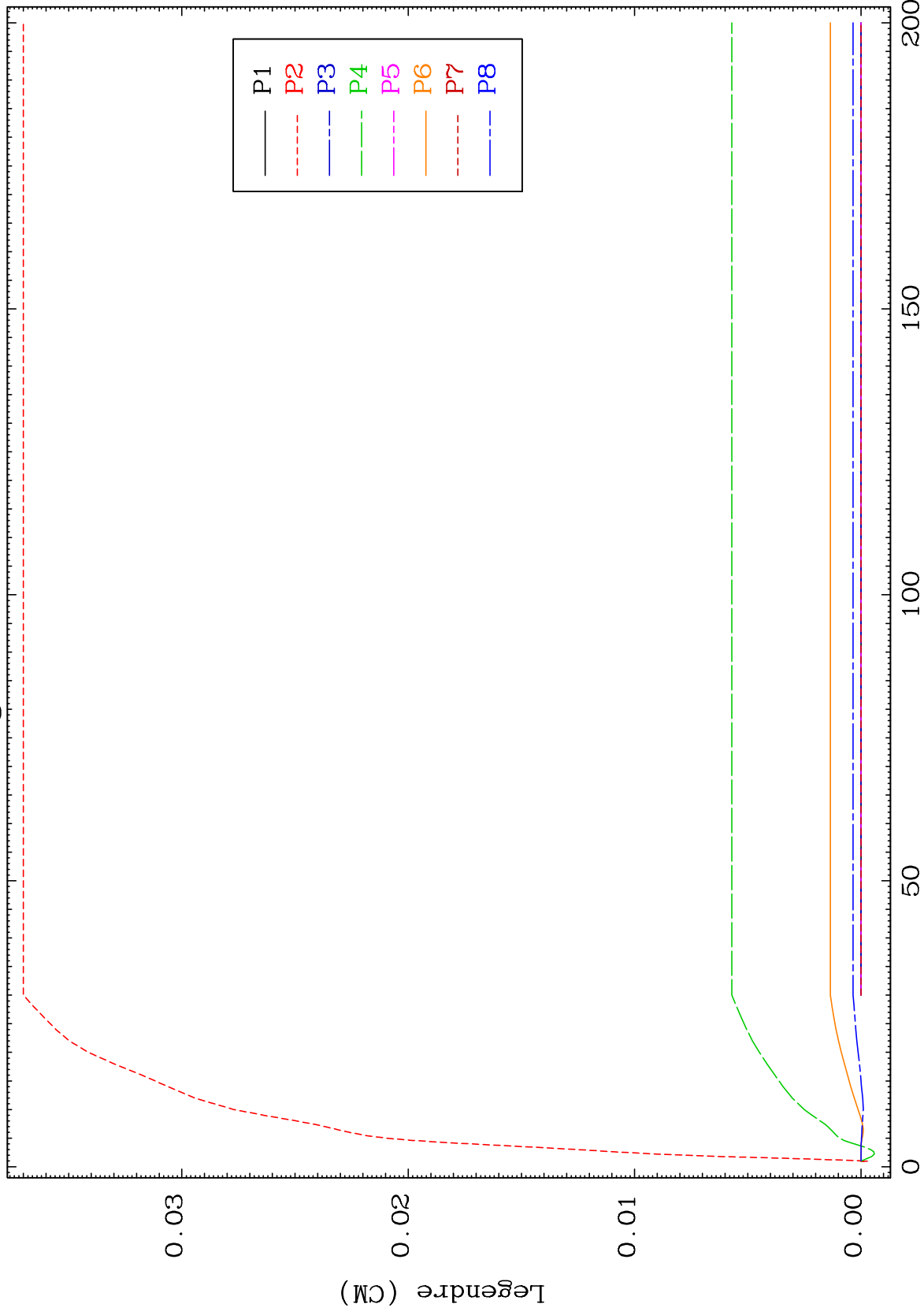
57



MAT 5146

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

51-Sb-128



59

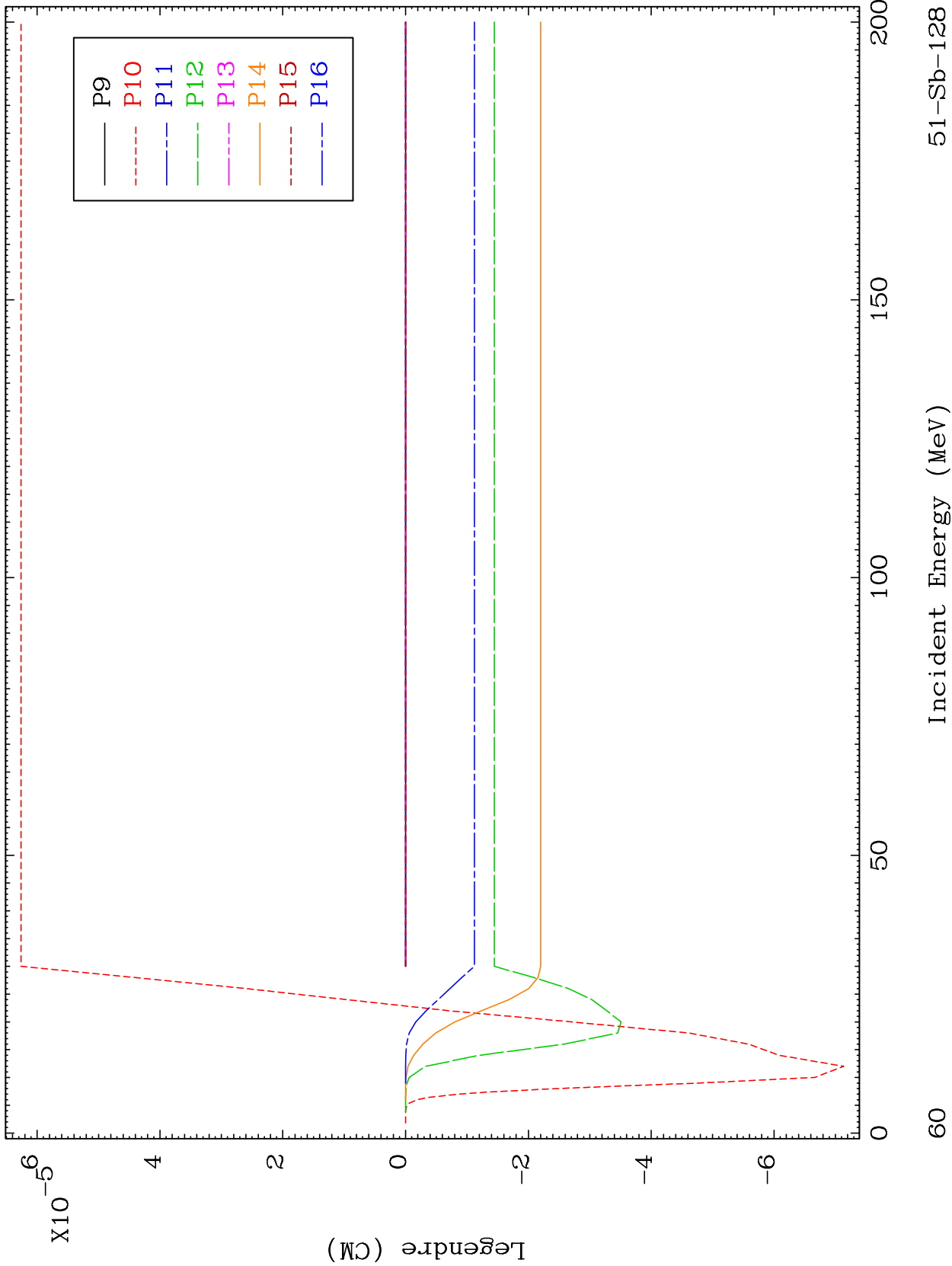
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

Incident Energy (MeV)

60

200

150

100

50

10^{-5}

6

4

2

0

-2

-4

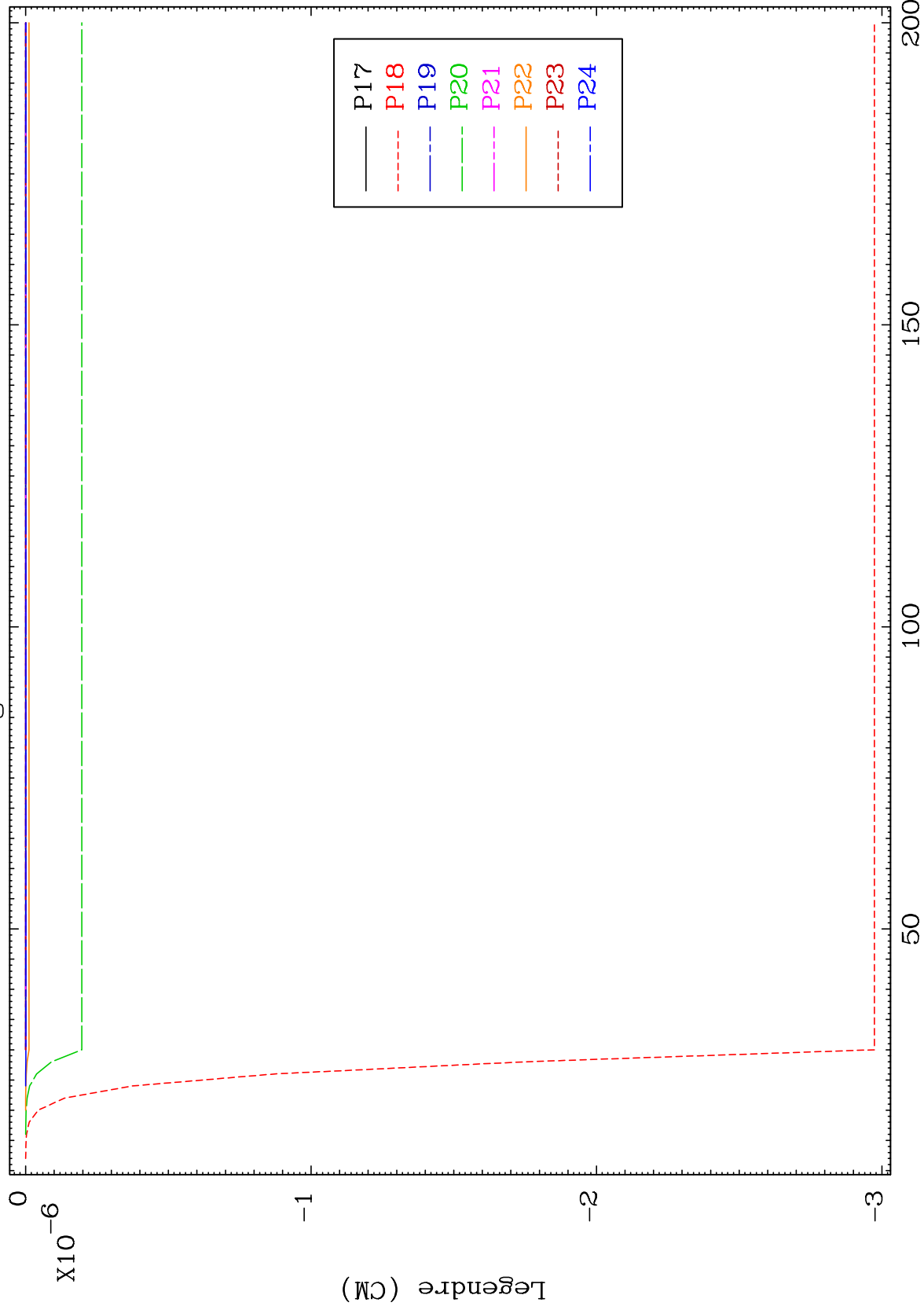
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MAT 5146

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

51-Sb-128



51-Sb-128

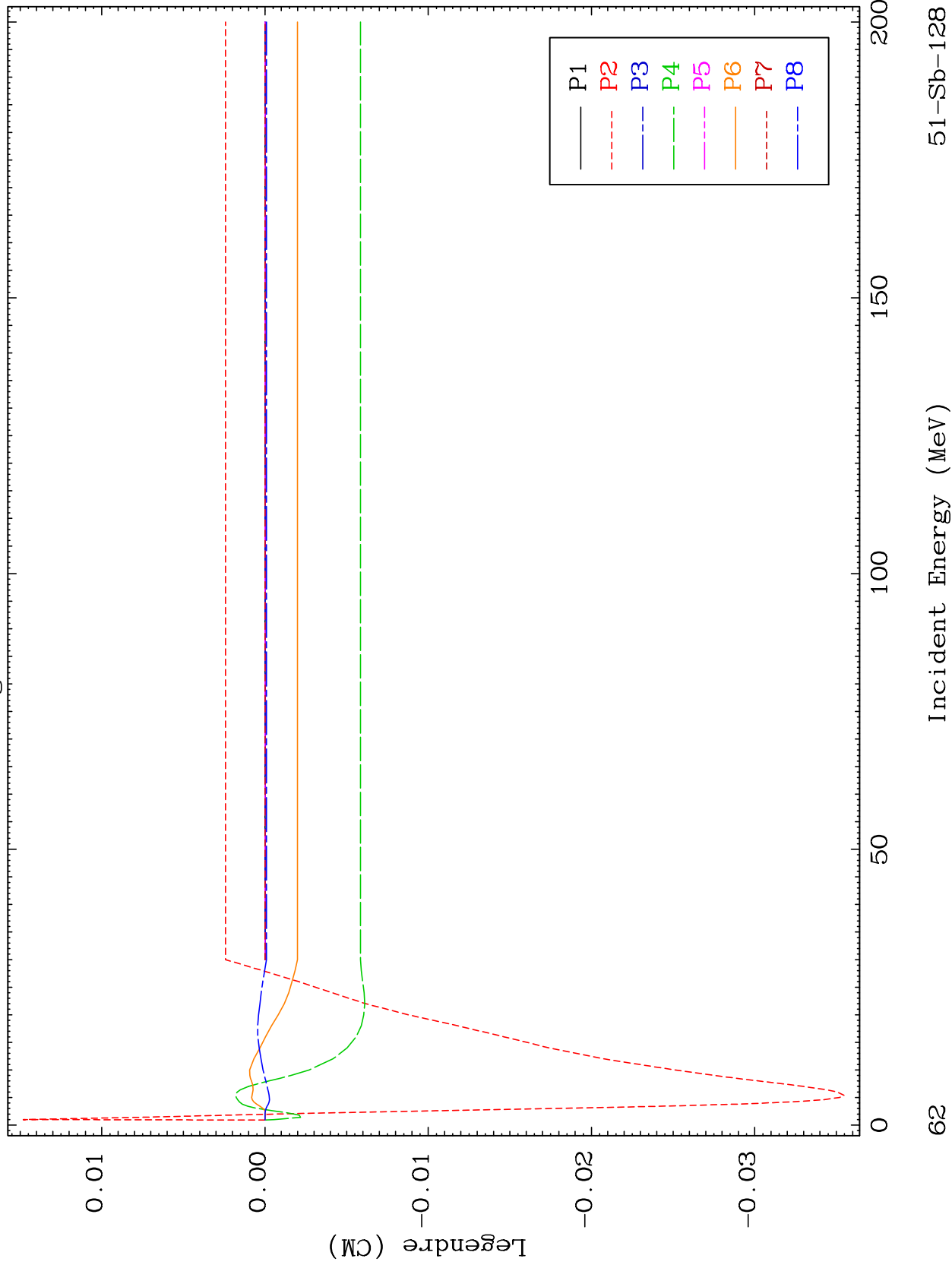
Incident Energy (MeV)

61

MAT 5146

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

51-Sb-128



51-Sb-128

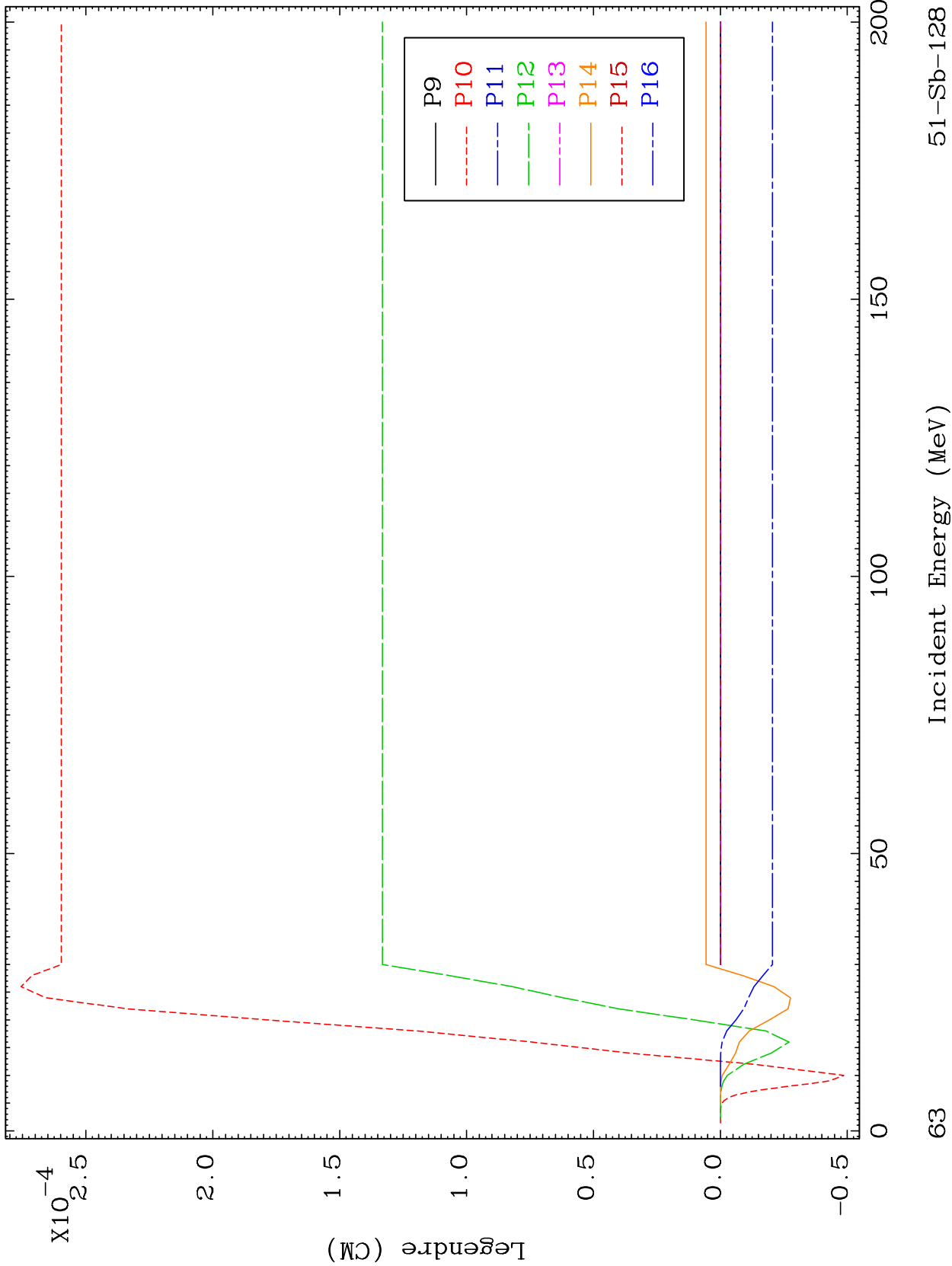
Incident Energy (MeV)

62

MAT 5146

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

51-Sb-128



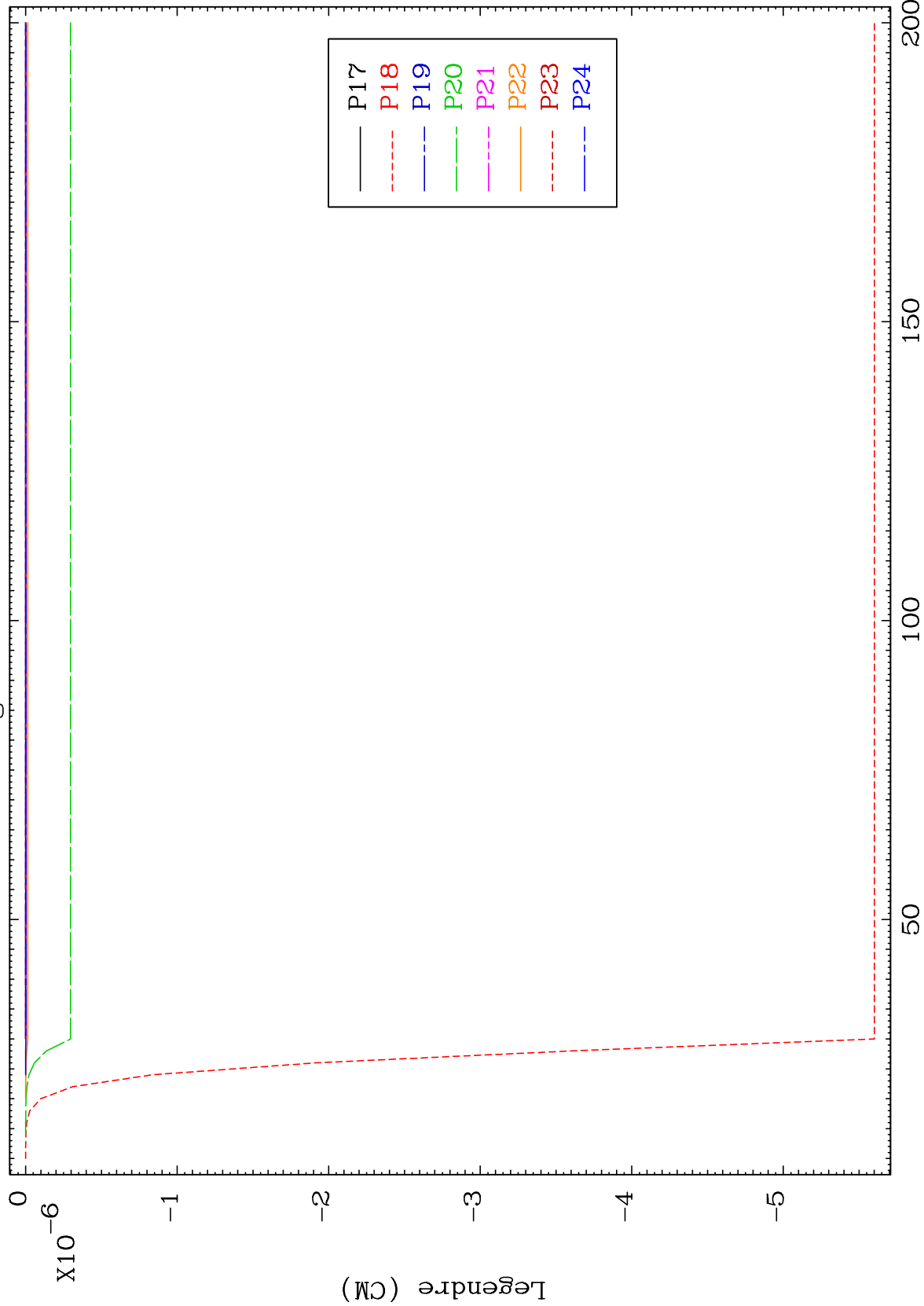
63

51-Sb-128

MAT 5146

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

51-Sb-128



64

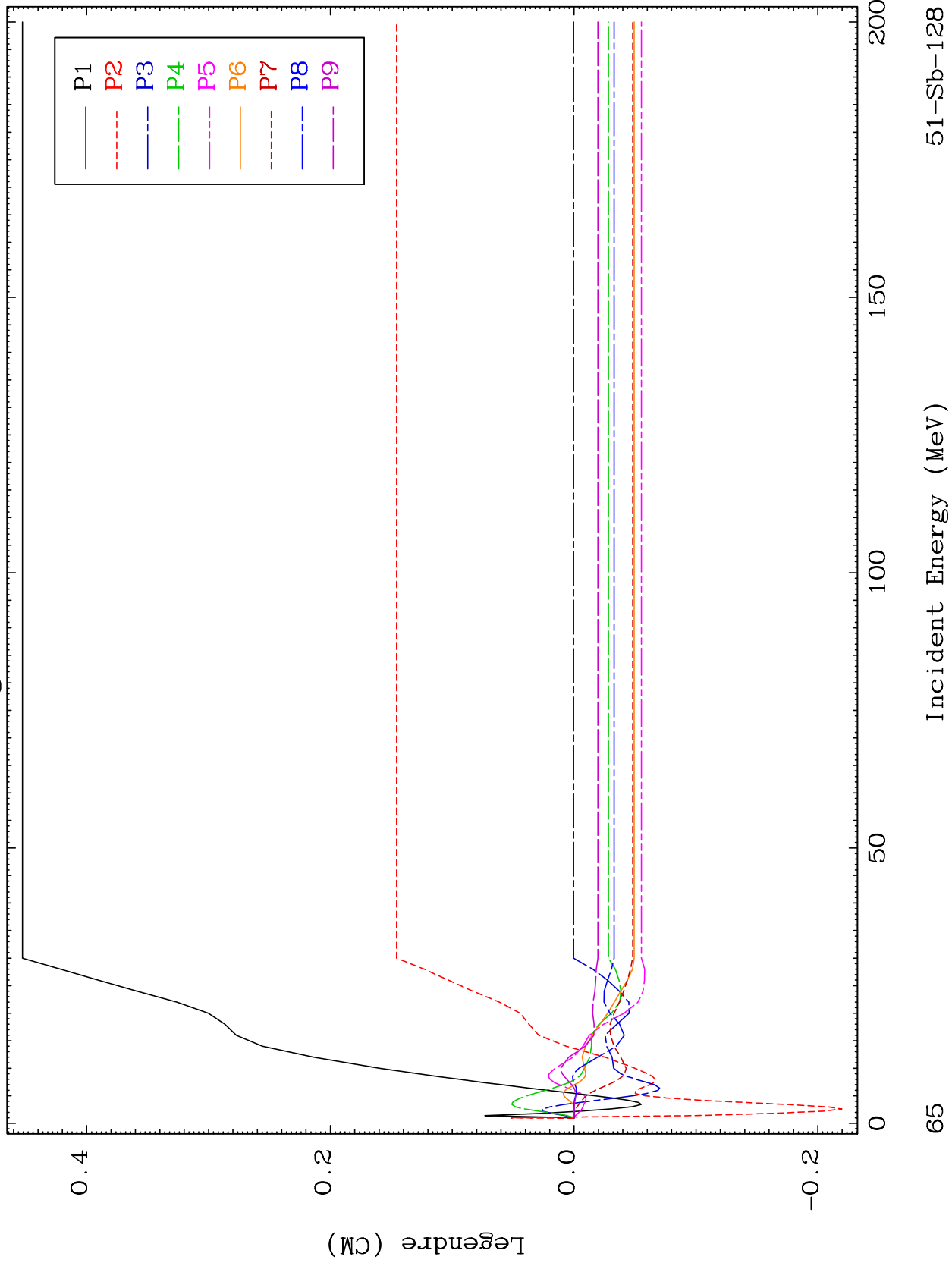
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

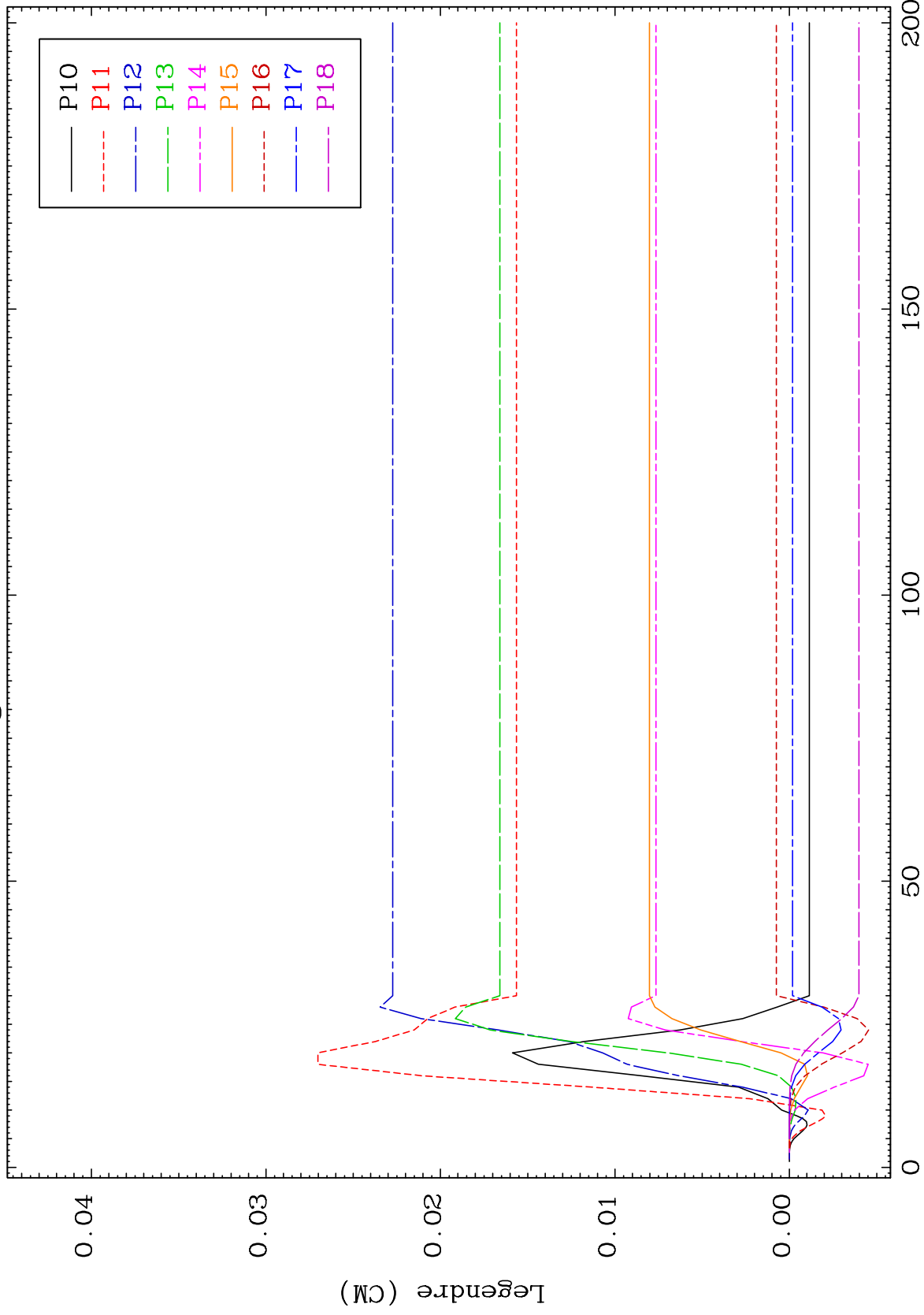
Incident Energy (MeV)

65

MAT 5146

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

51-Sb-128



66

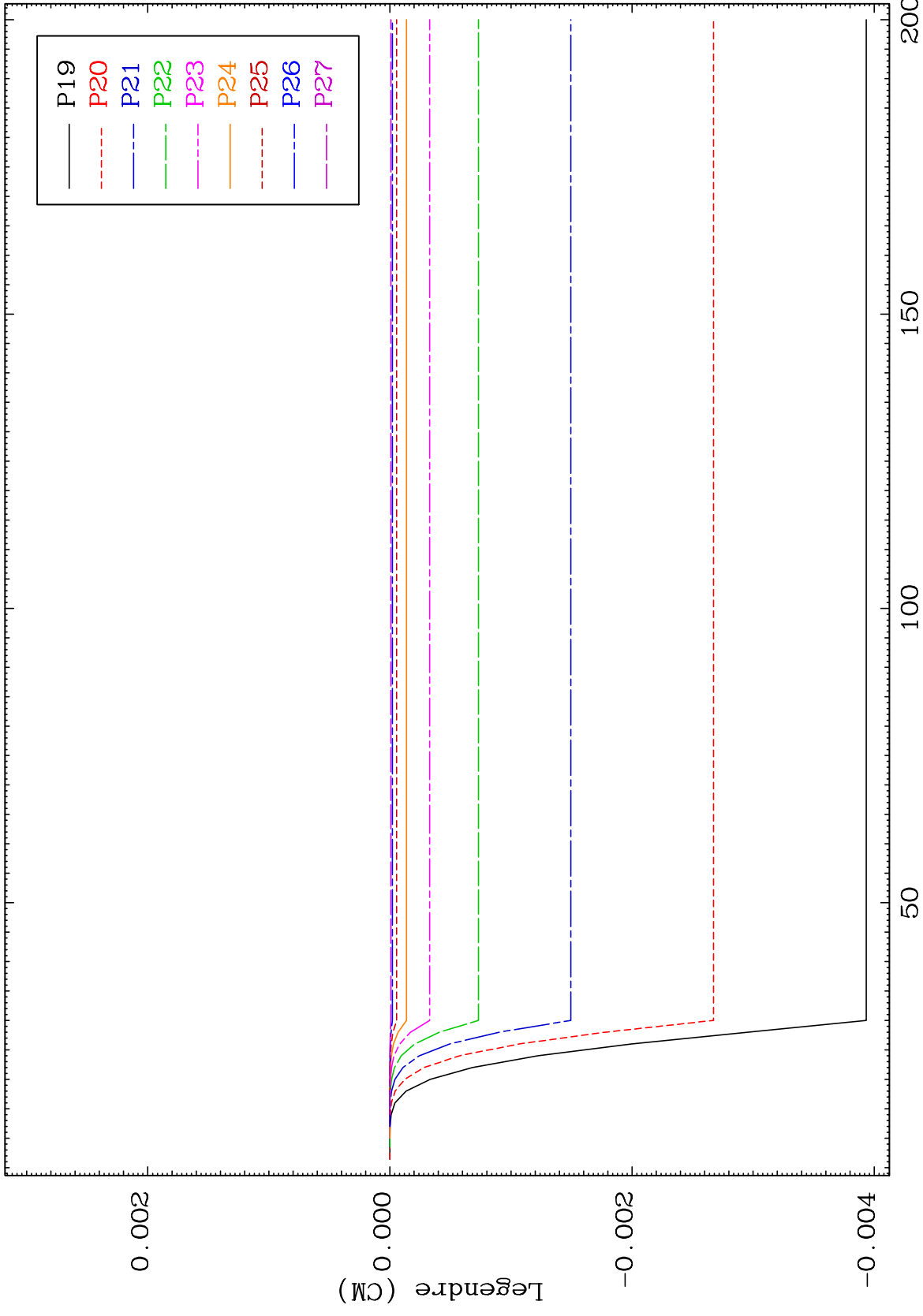
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



67

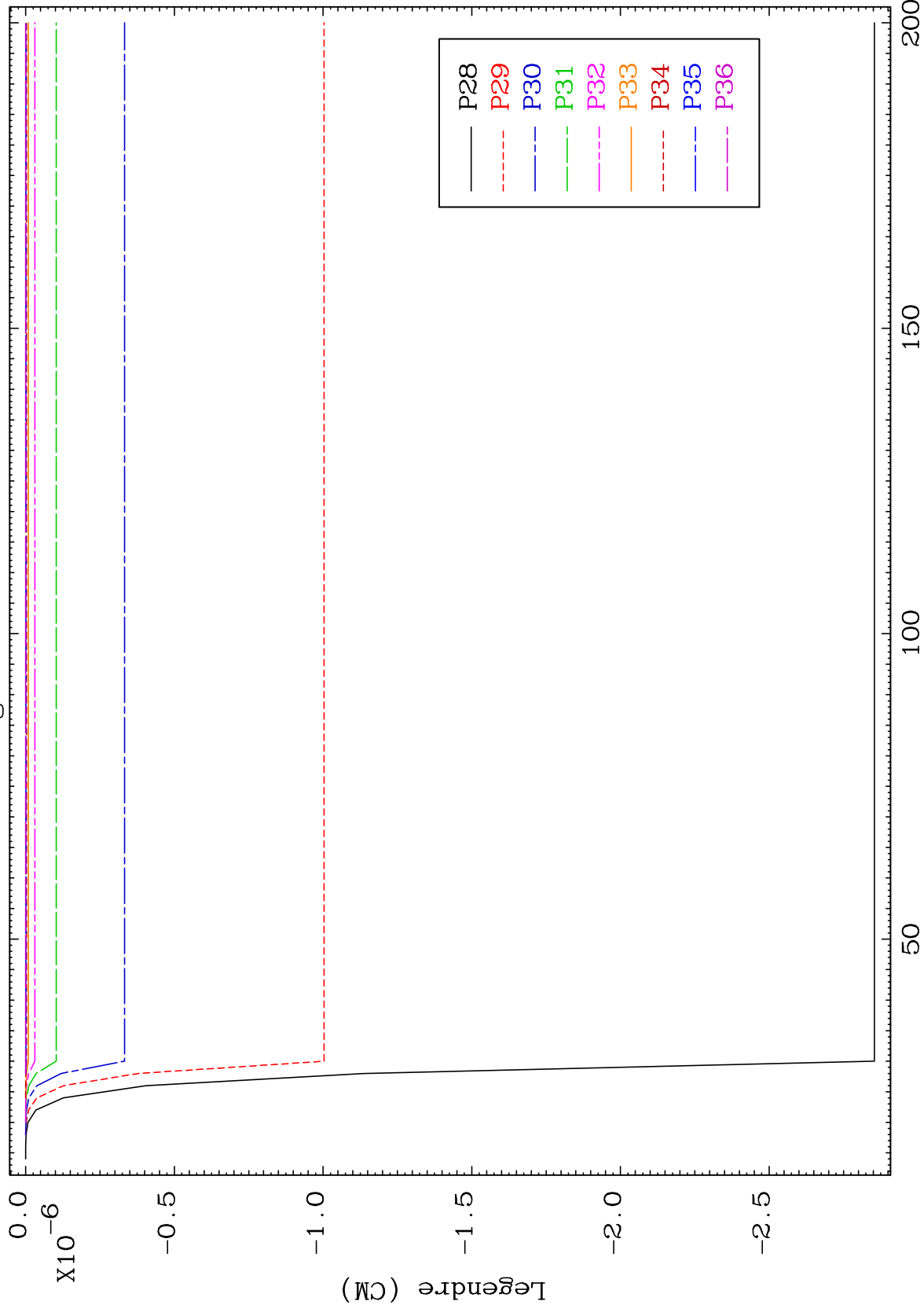
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



68

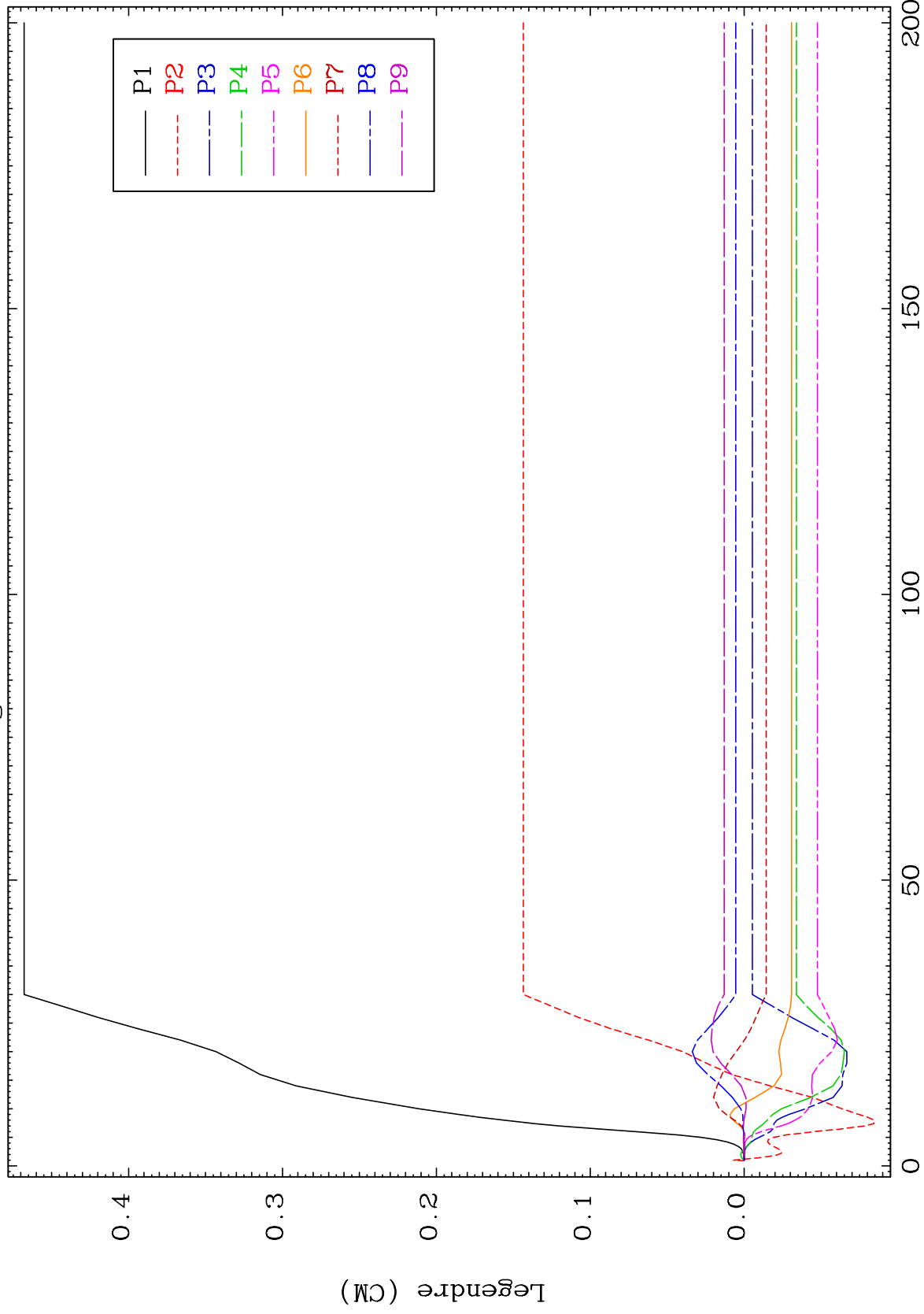
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

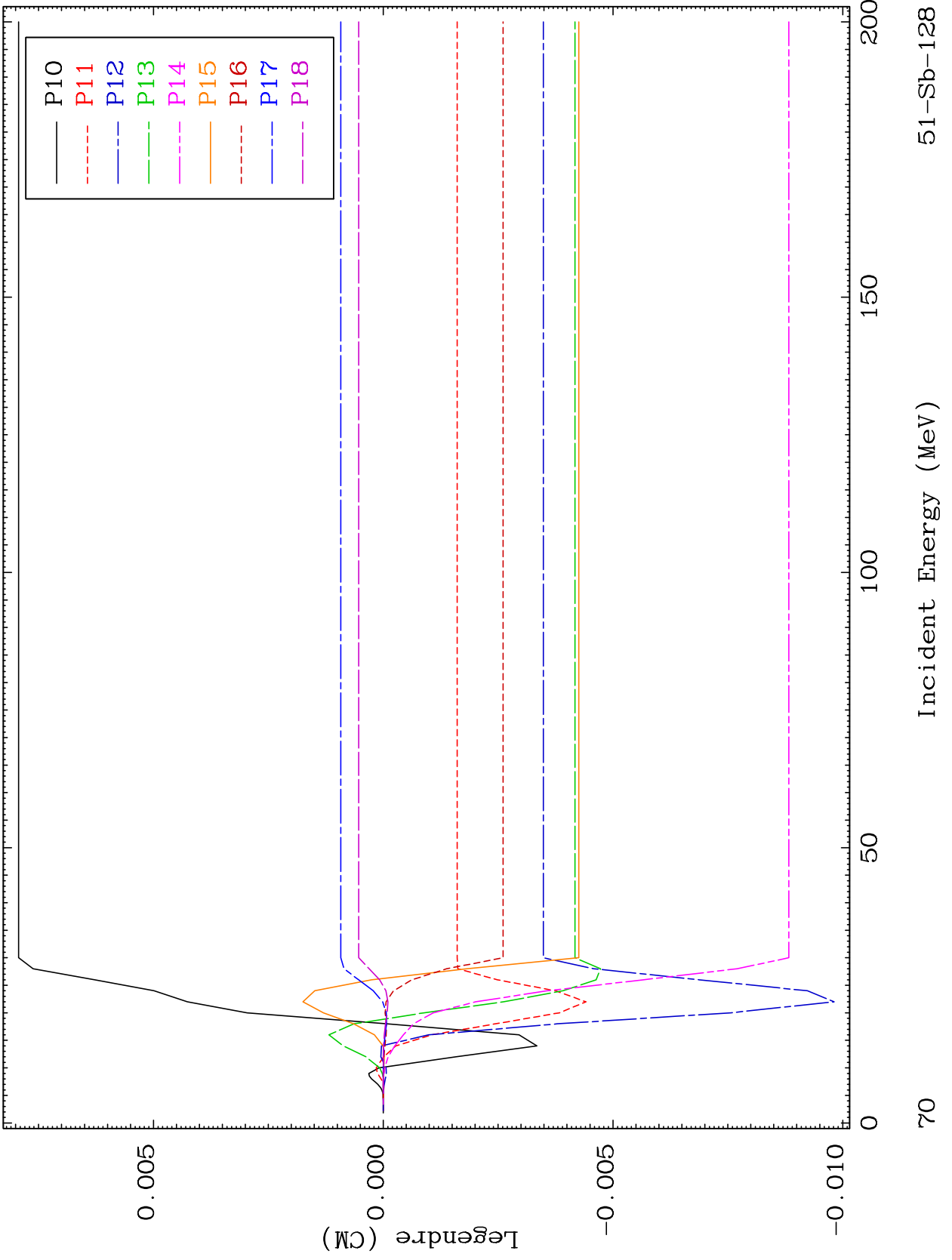
Incident Energy (MeV)

69

MAT 5146

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

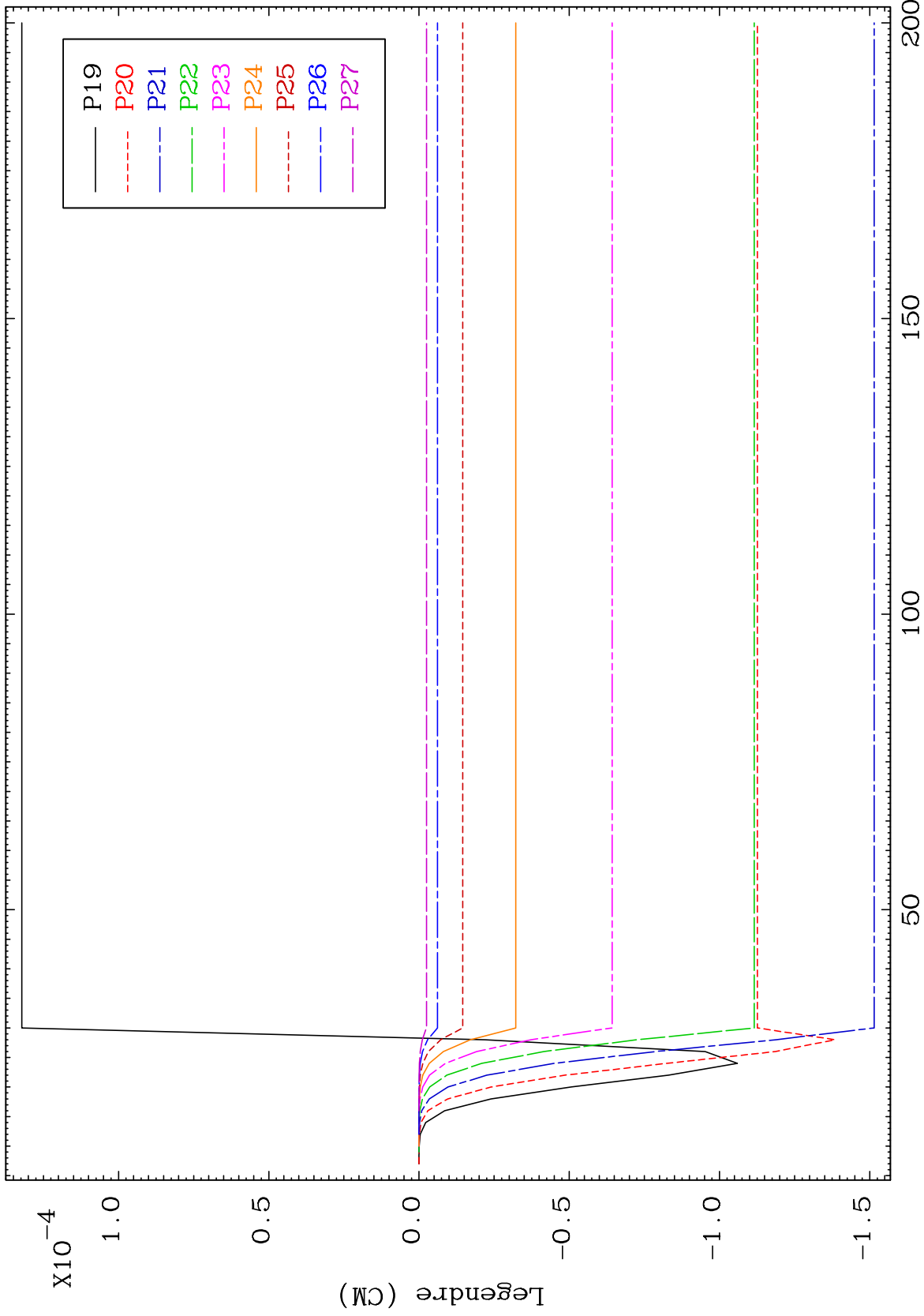
51-Sb-128



51-Sb-128

Incident Energy (MeV)

70

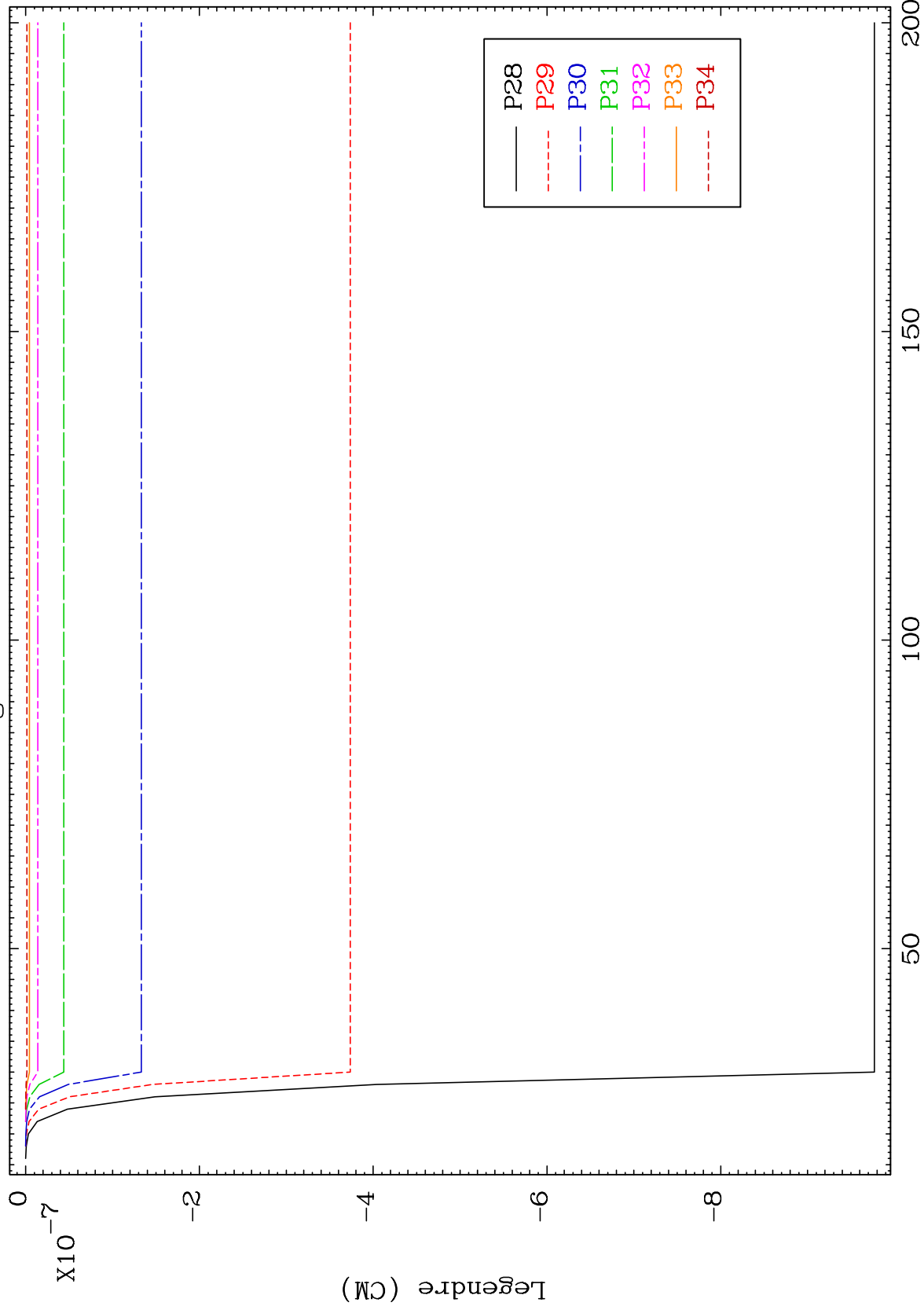


MAT 5146

MT= 65 (n,n') Level

51-Sb-128

Legendre Coefficients



72

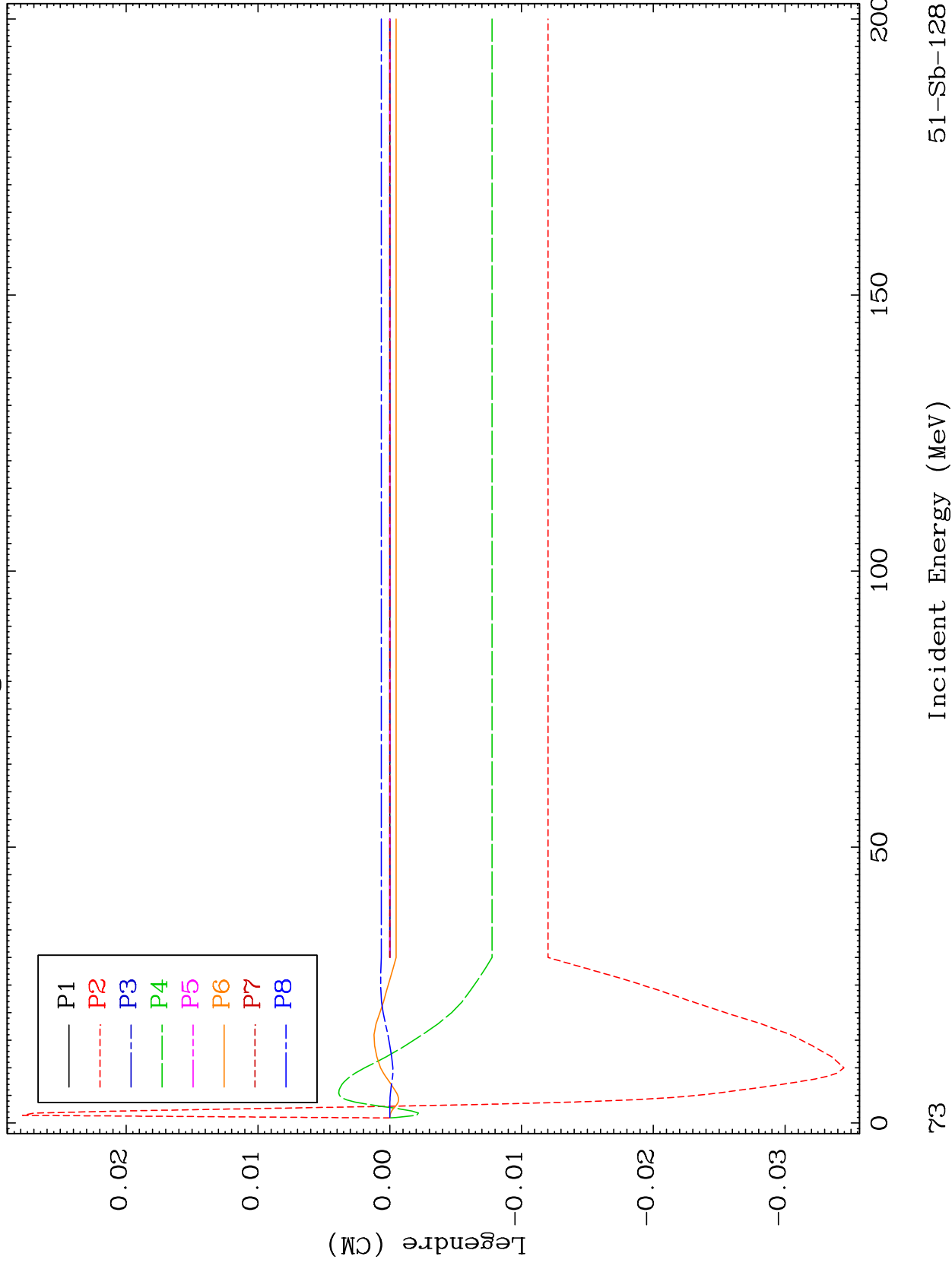
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

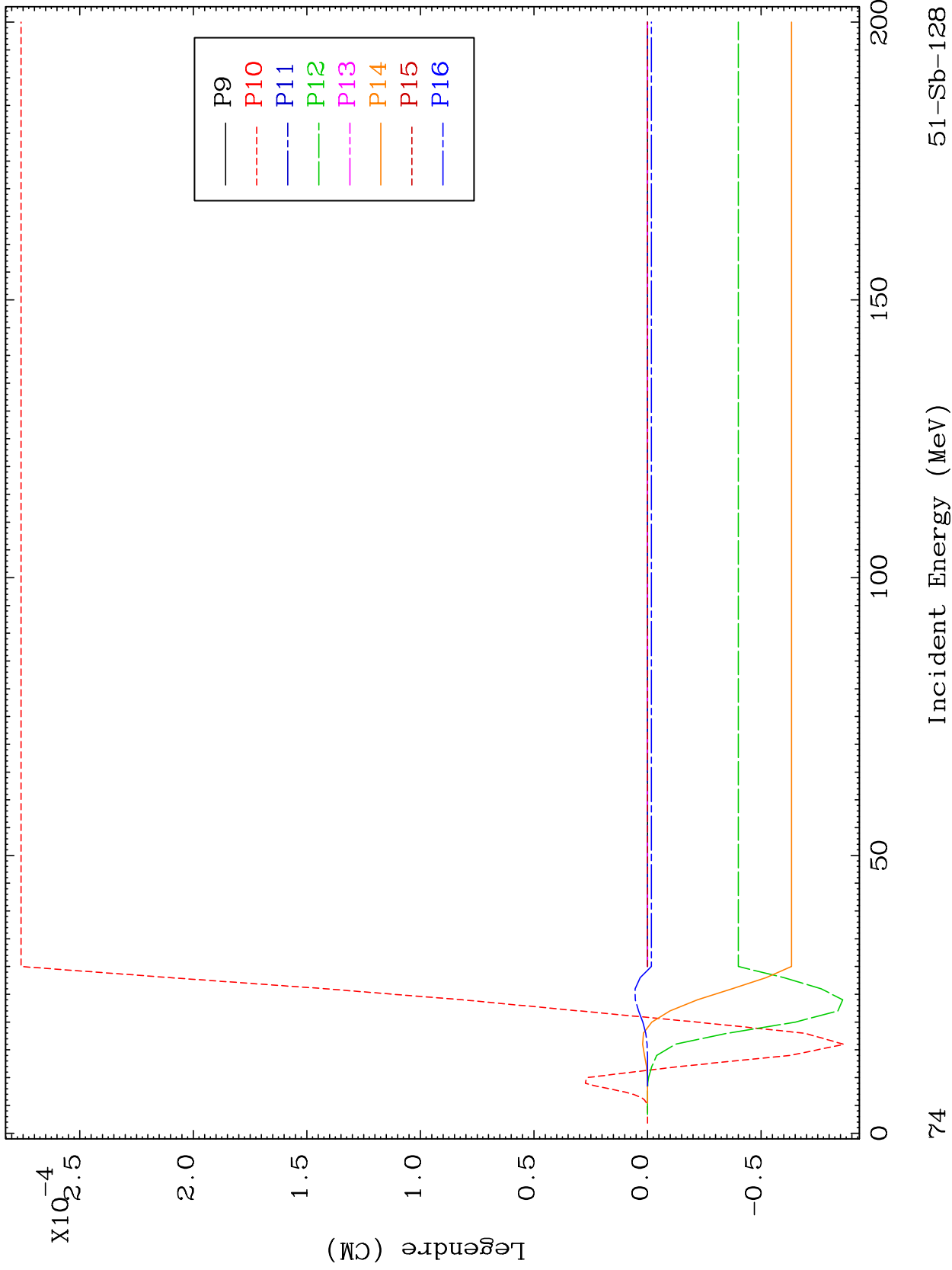
Incident Energy (MeV)

73

MAT 5146

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

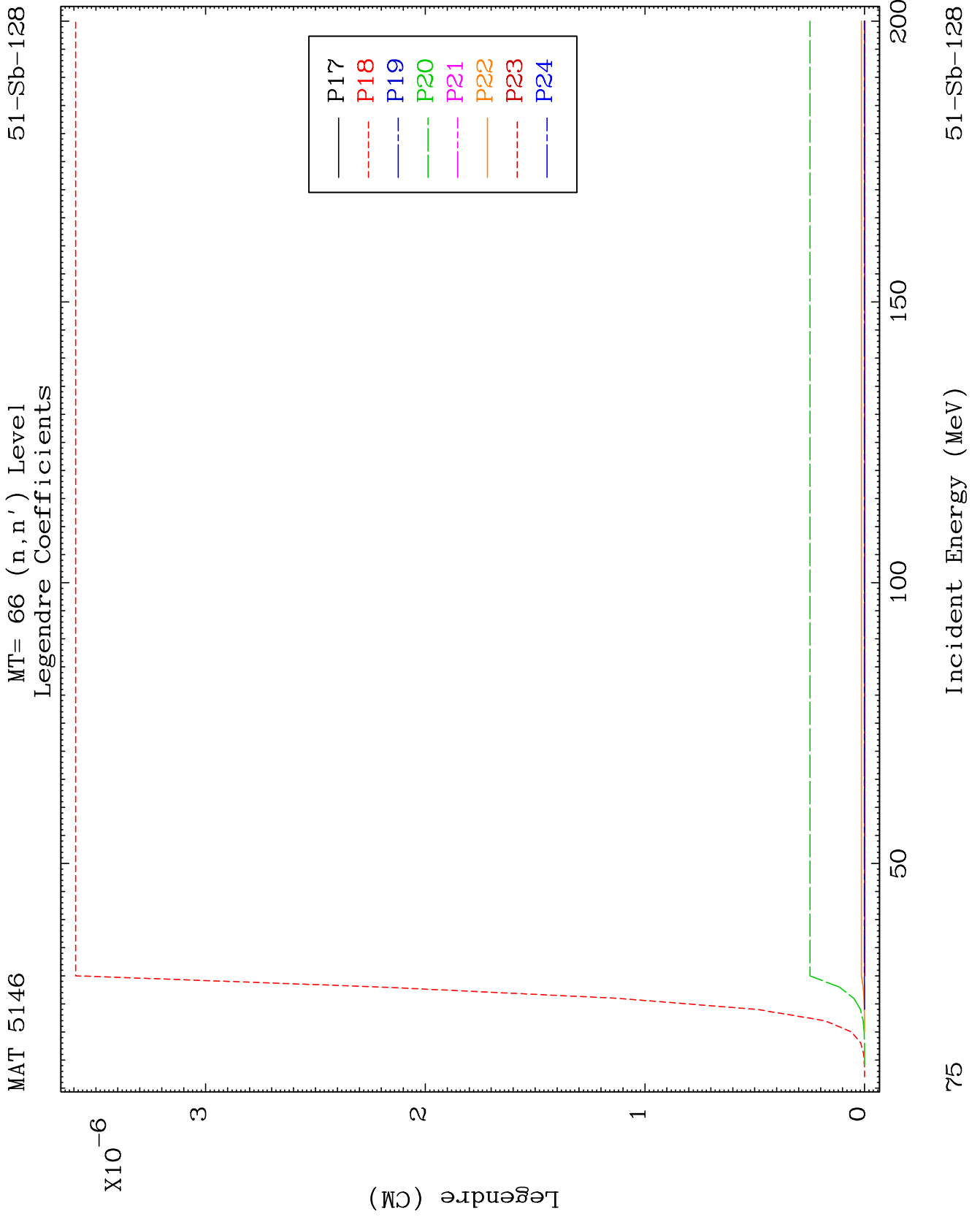
51-Sb-128



74

Incident Energy (MeV)

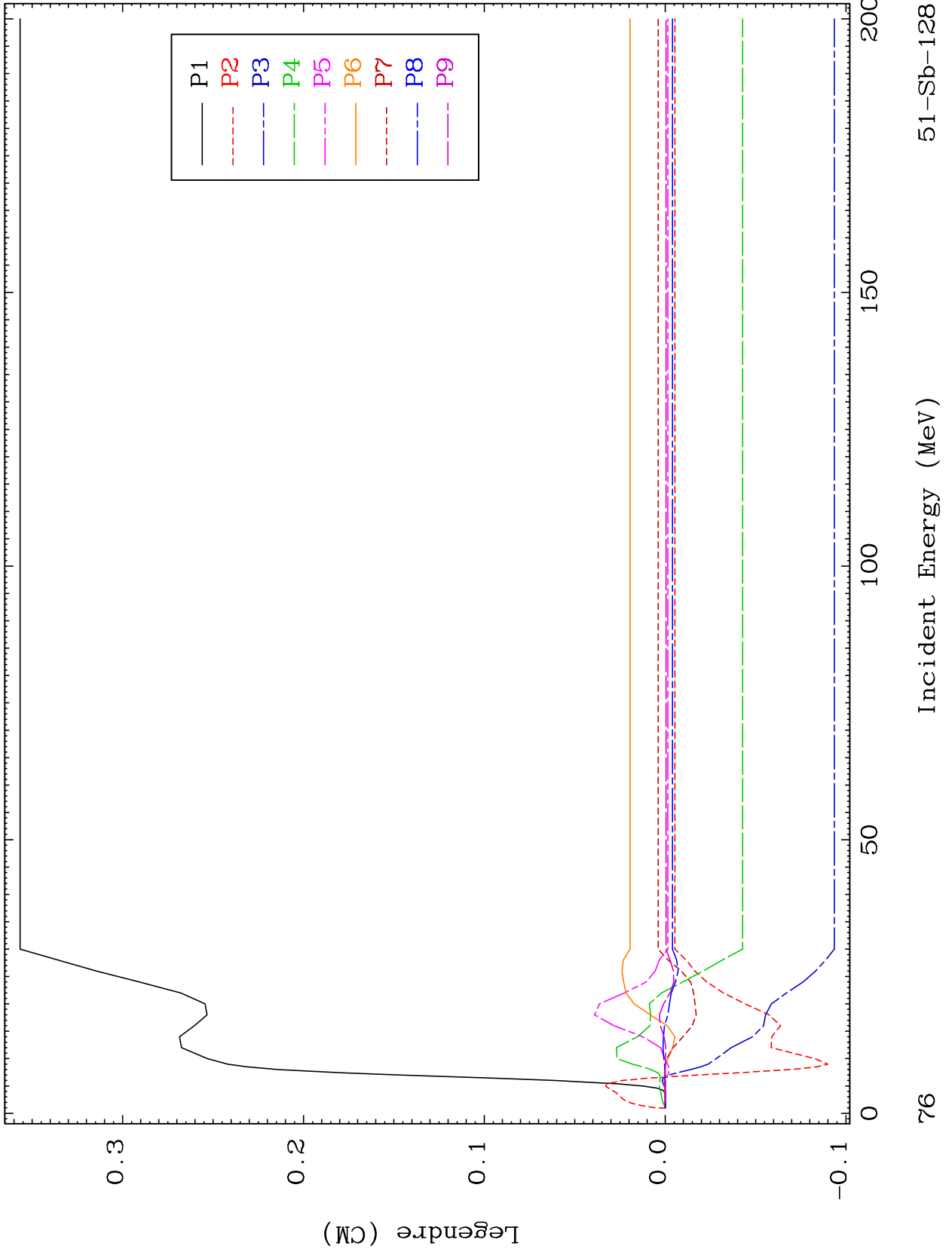
51-Sb-128



MAT 5146

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

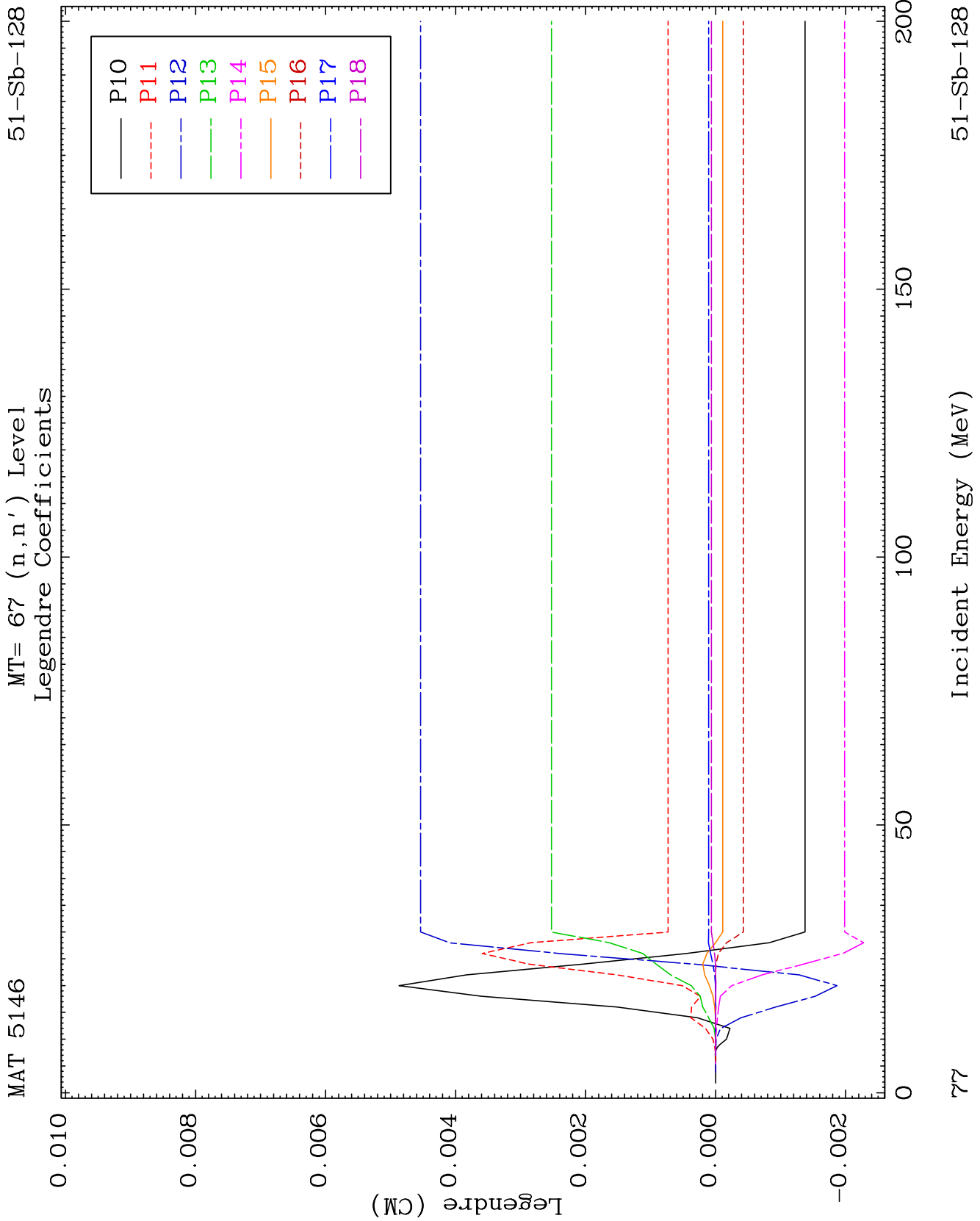
51-Sb-128



51-Sb-128

Incident Energy (MeV)

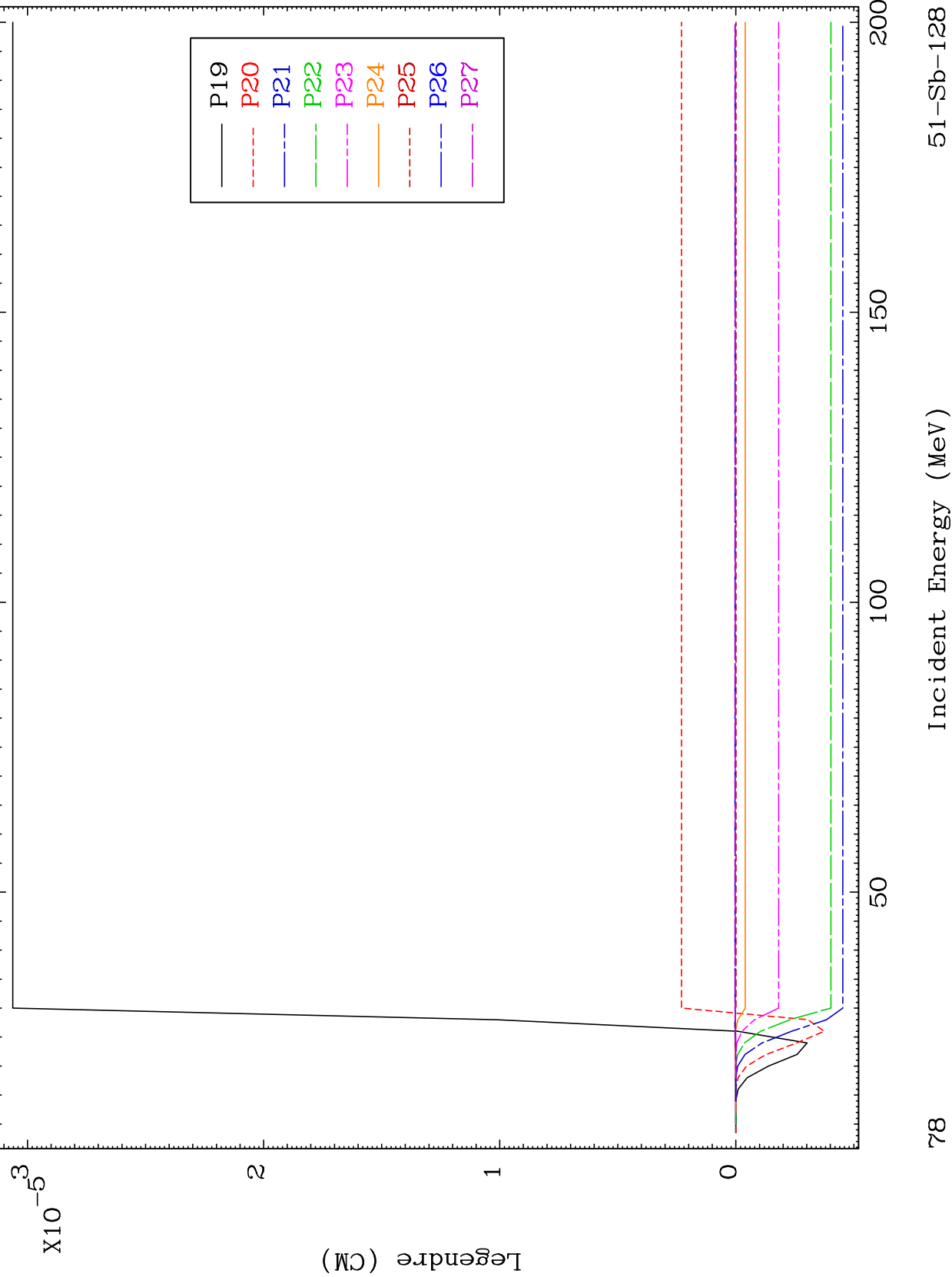
76



MAT 5146

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

51-Sb-128



78

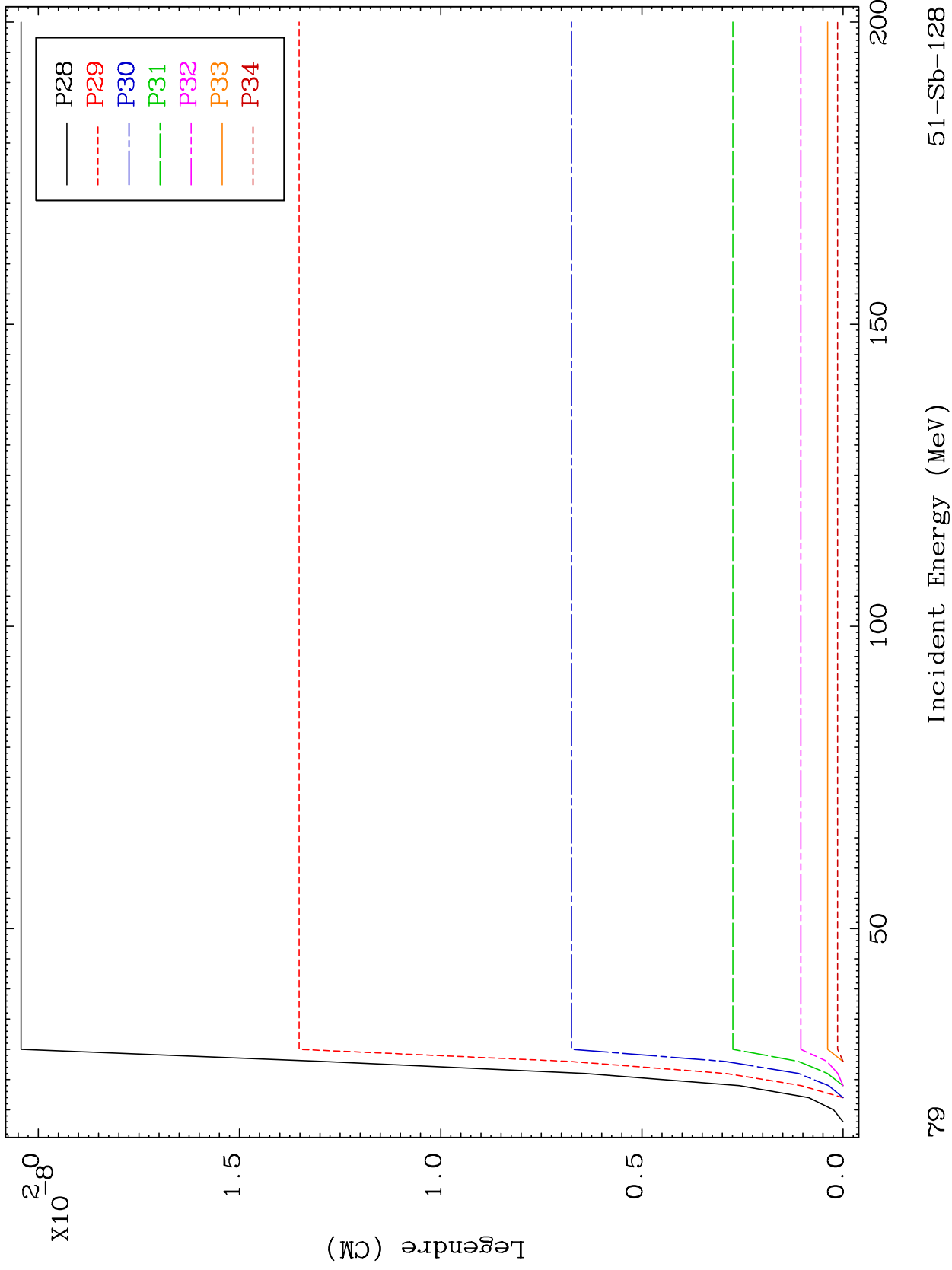
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



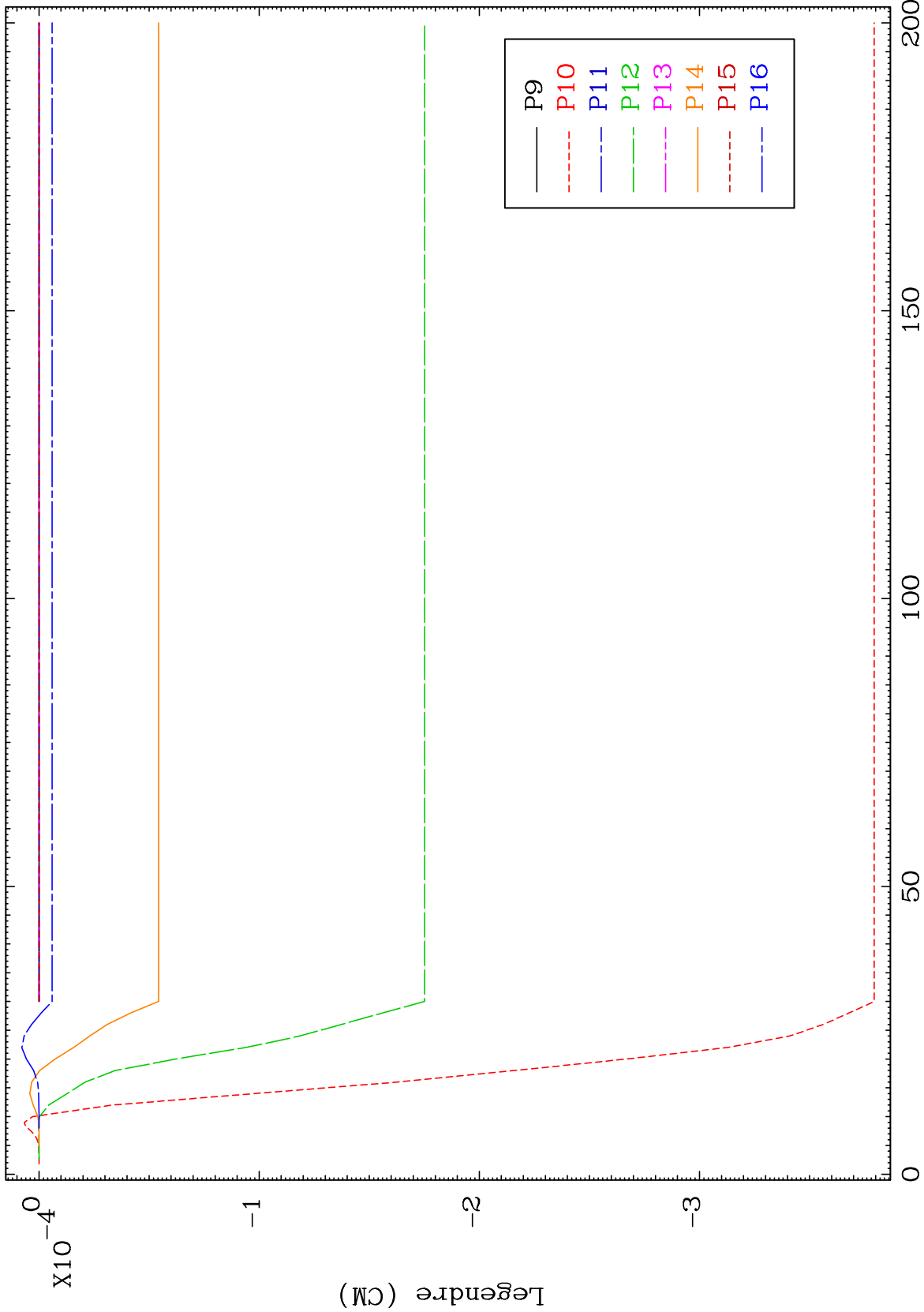
79

51-Sb-128

MAT 5146

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

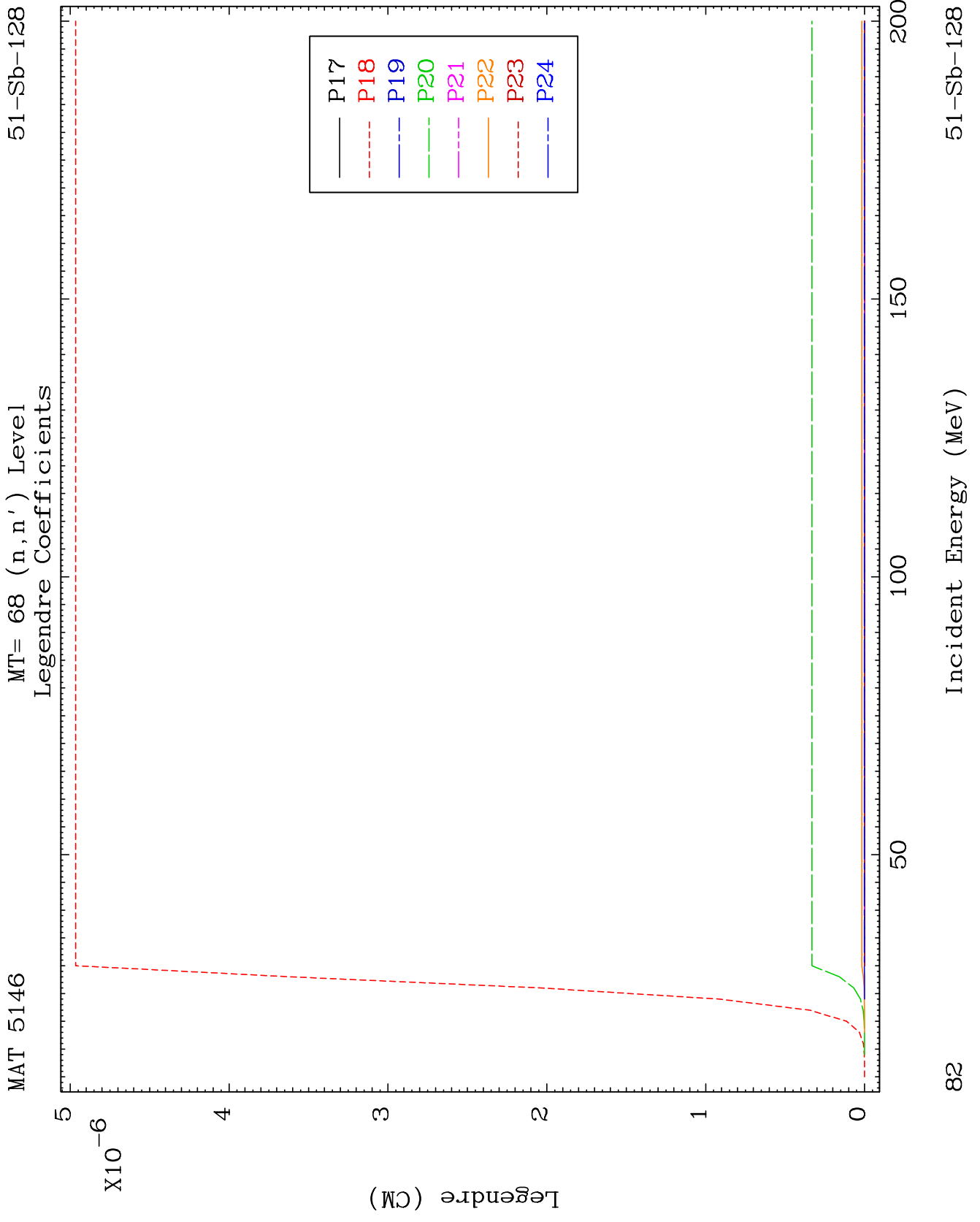
51-Sb-128



81

Incident Energy (MeV)

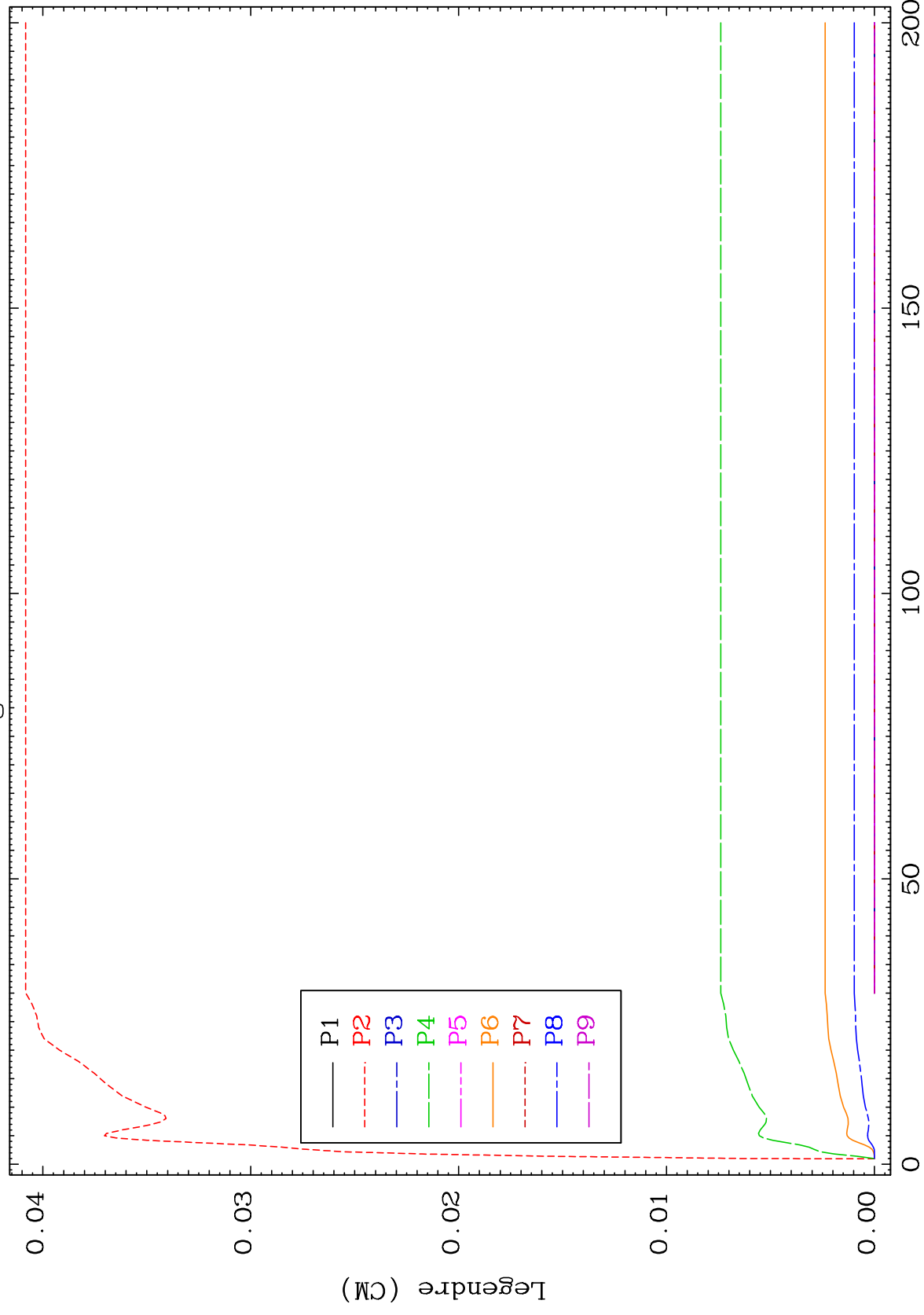
51-Sb-128



MAT 5146

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

51-Sb-128



83

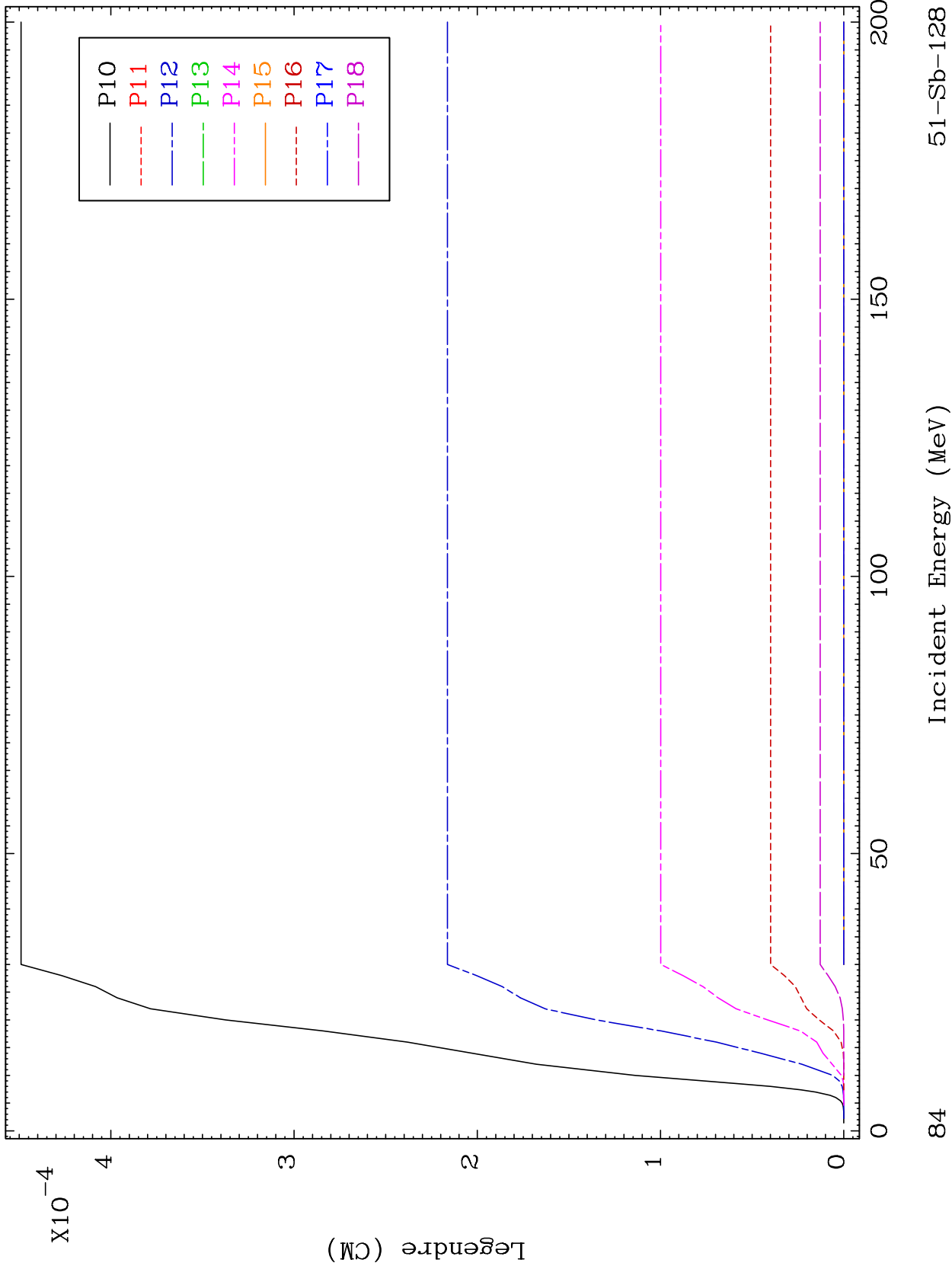
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

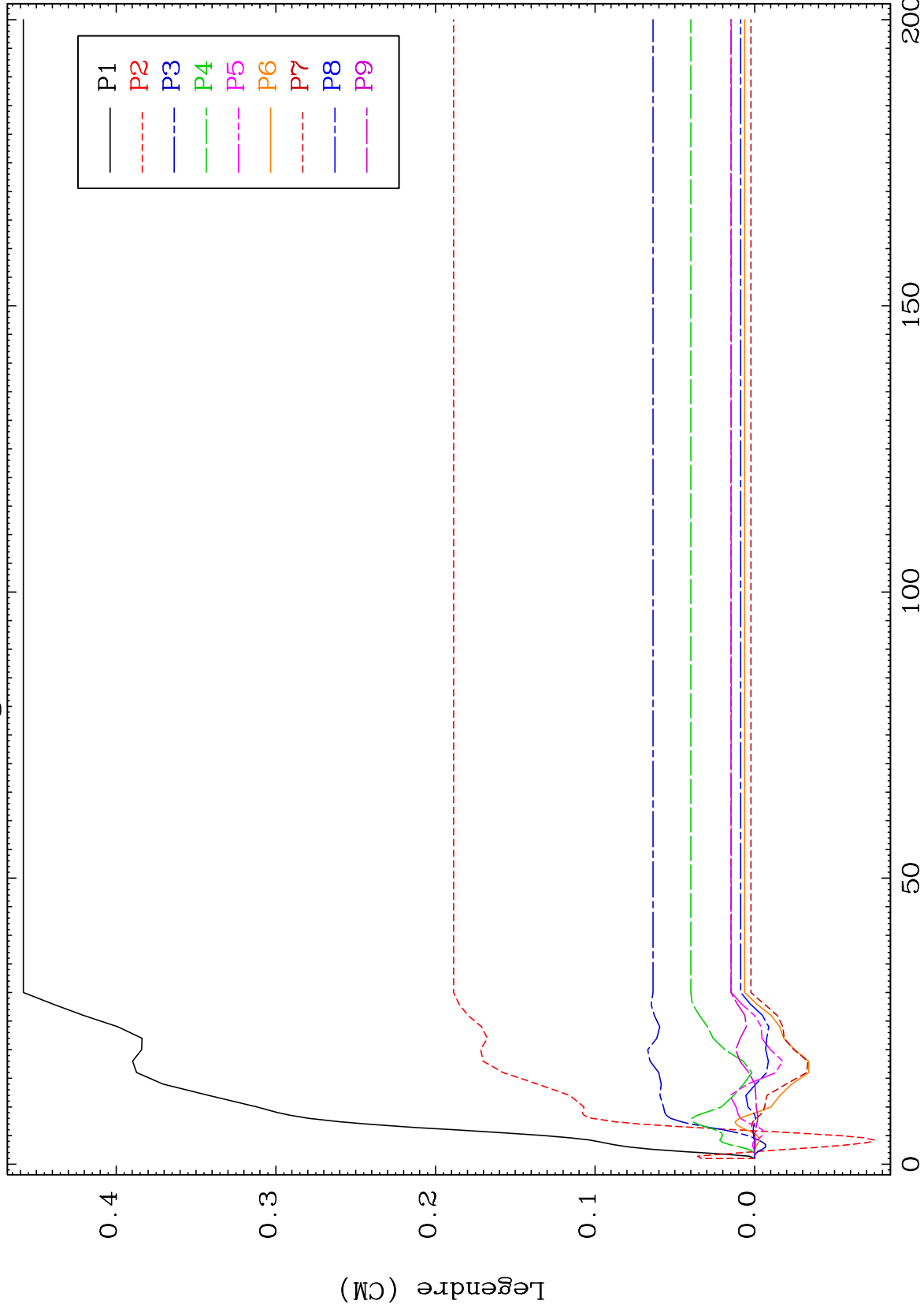
Incident Energy (MeV)

84

MAT 5146

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

51-Sb-128



51-Sb-128

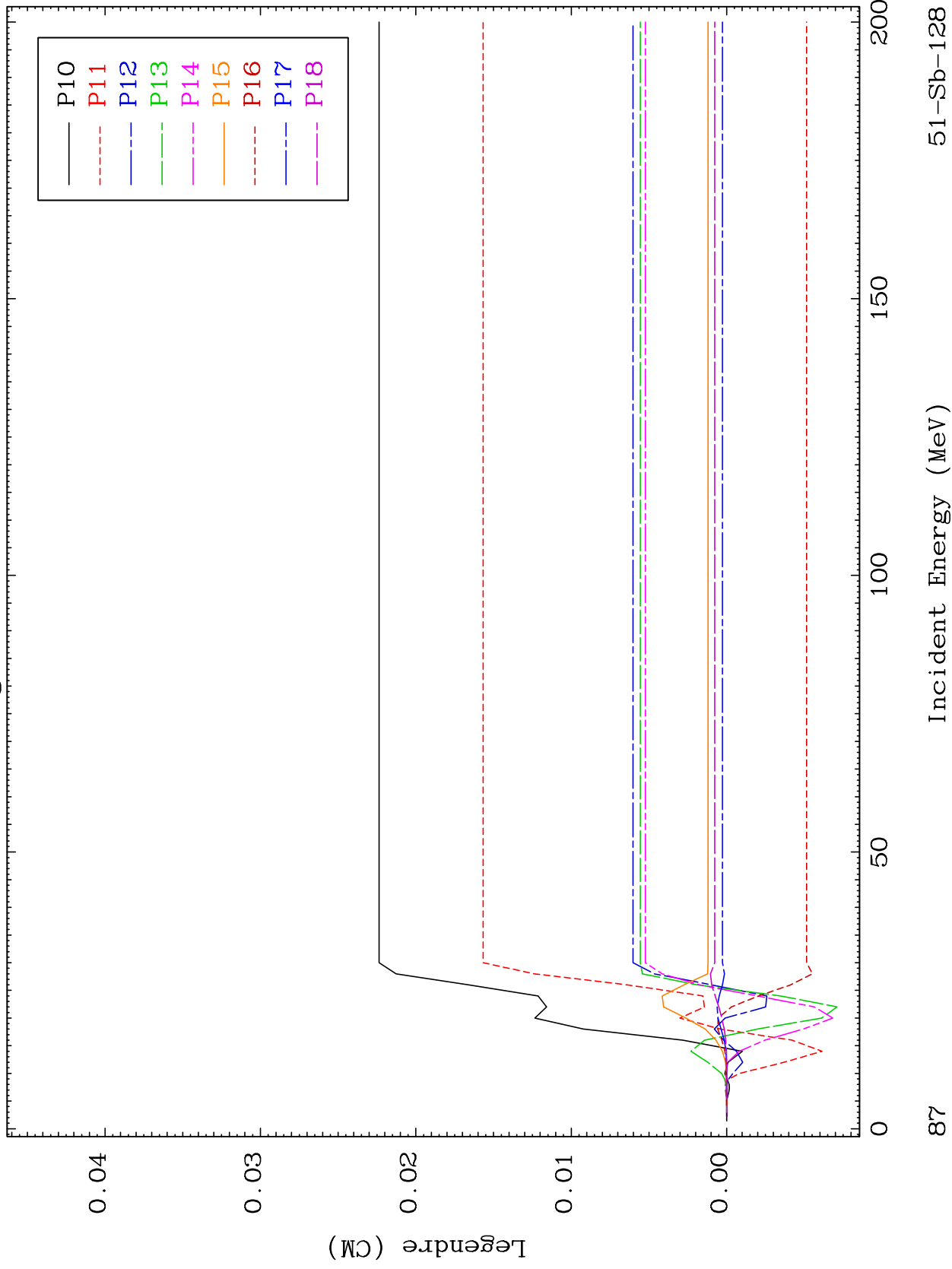
Incident Energy (MeV)

86

MAT 5146

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

51-Sb-128



51-Sb-128

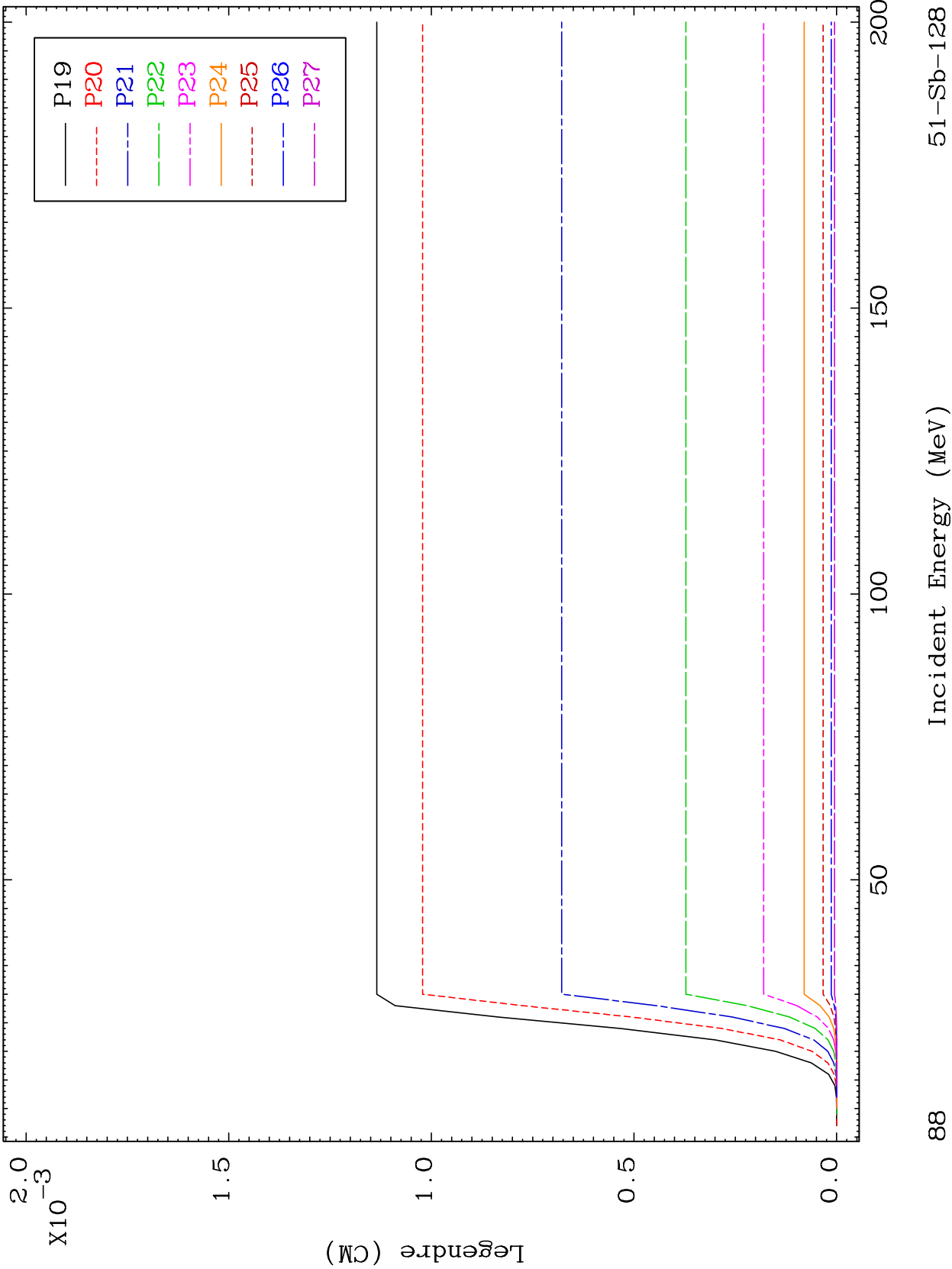
Incident Energy (MeV)

87

MAT 5146

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

51-Sb-128



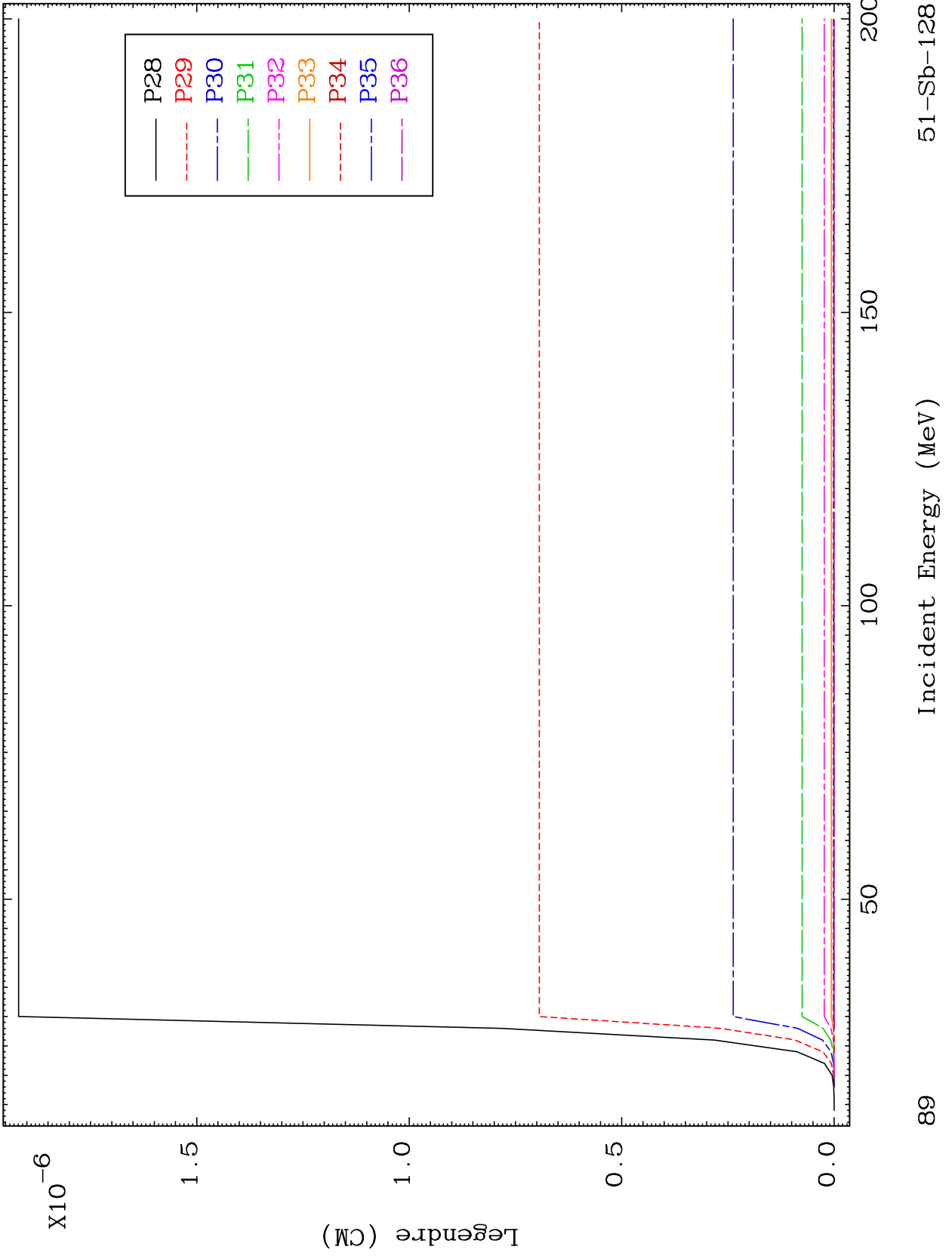
88

51-Sb-128

MAT 5146

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

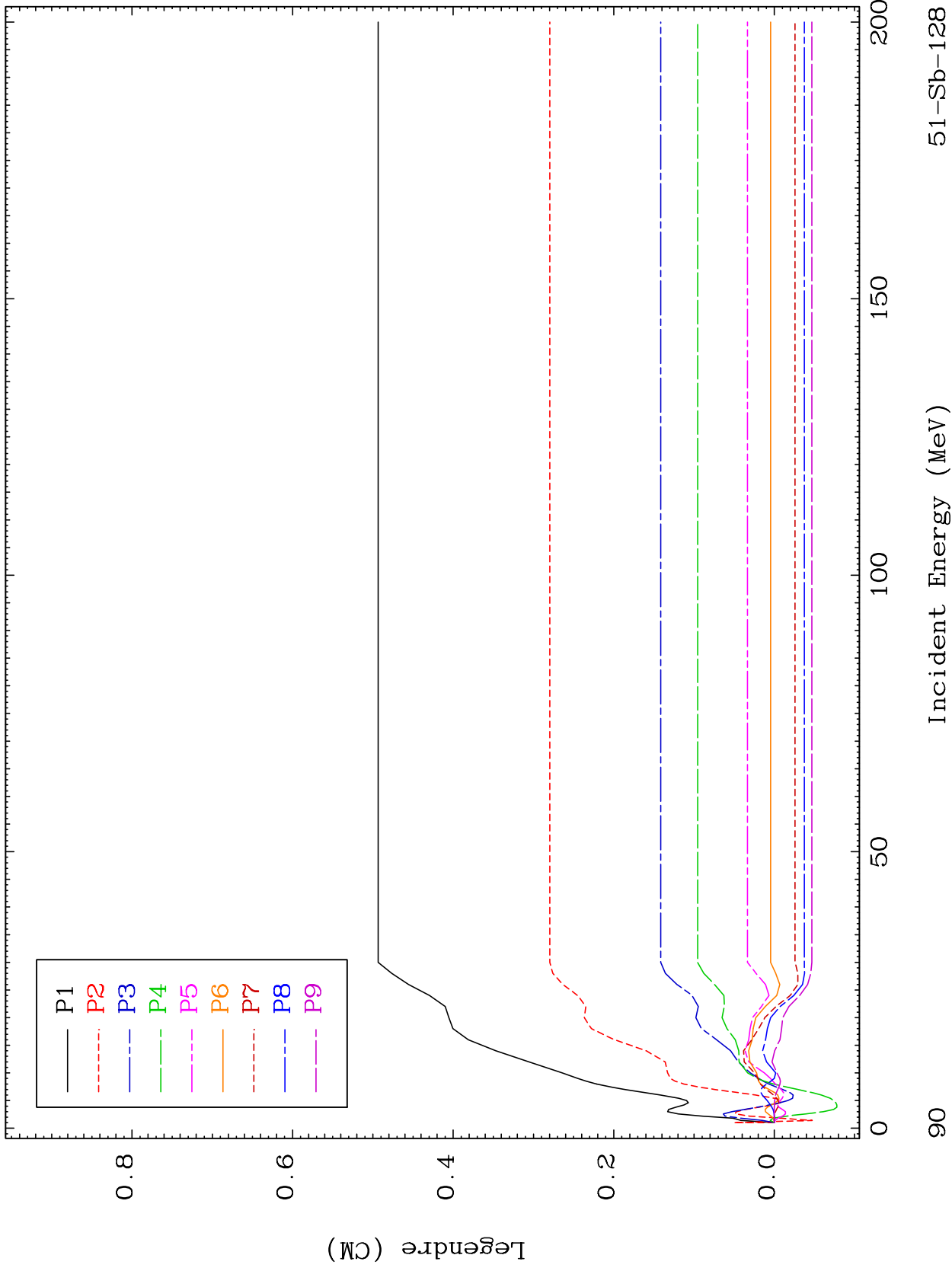
51-Sb-128



MAT 5146

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

51-Sb-128



51-Sb-128

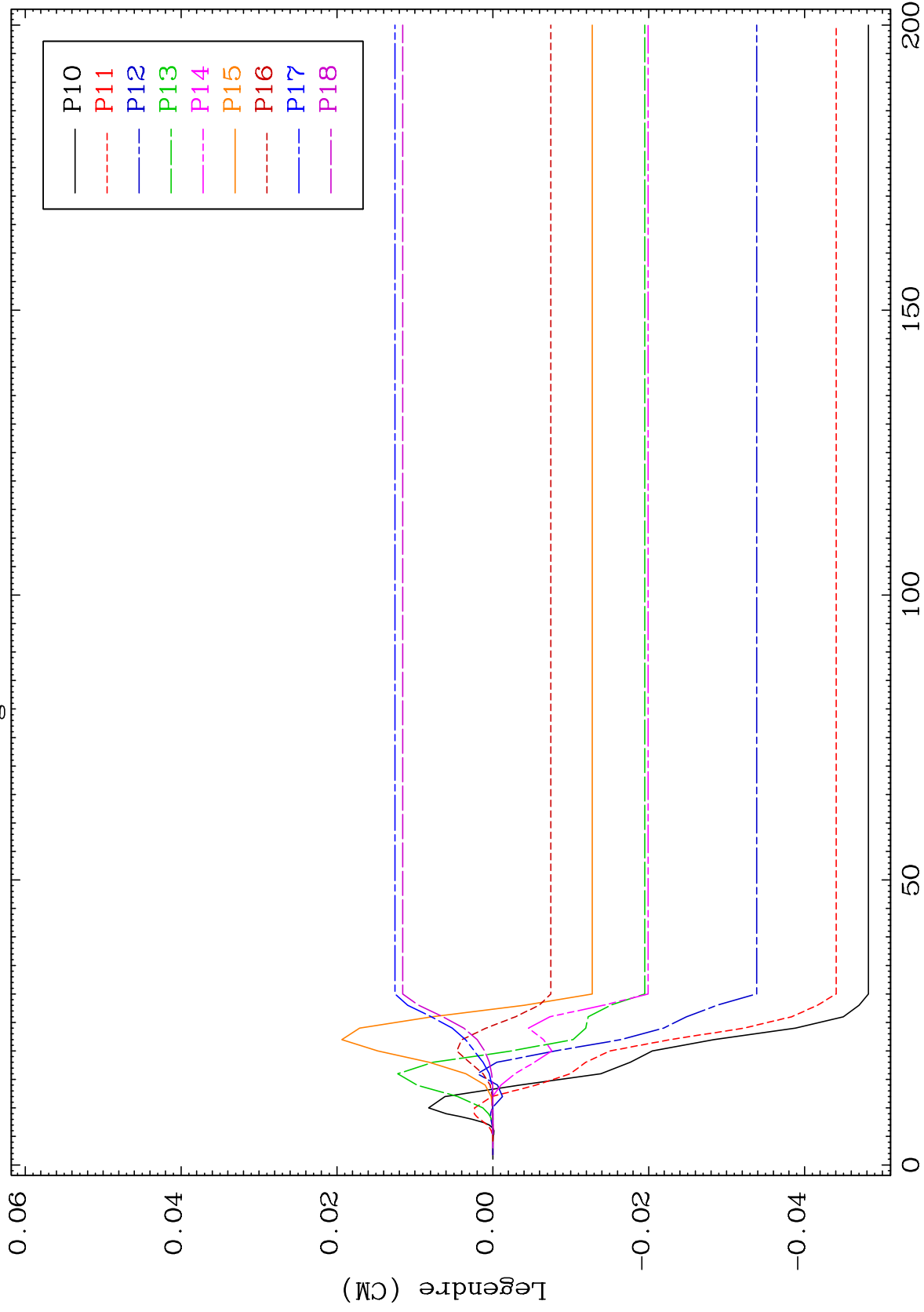
Incident Energy (MeV)

90

MAT 5146

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

51-Sb-128



91

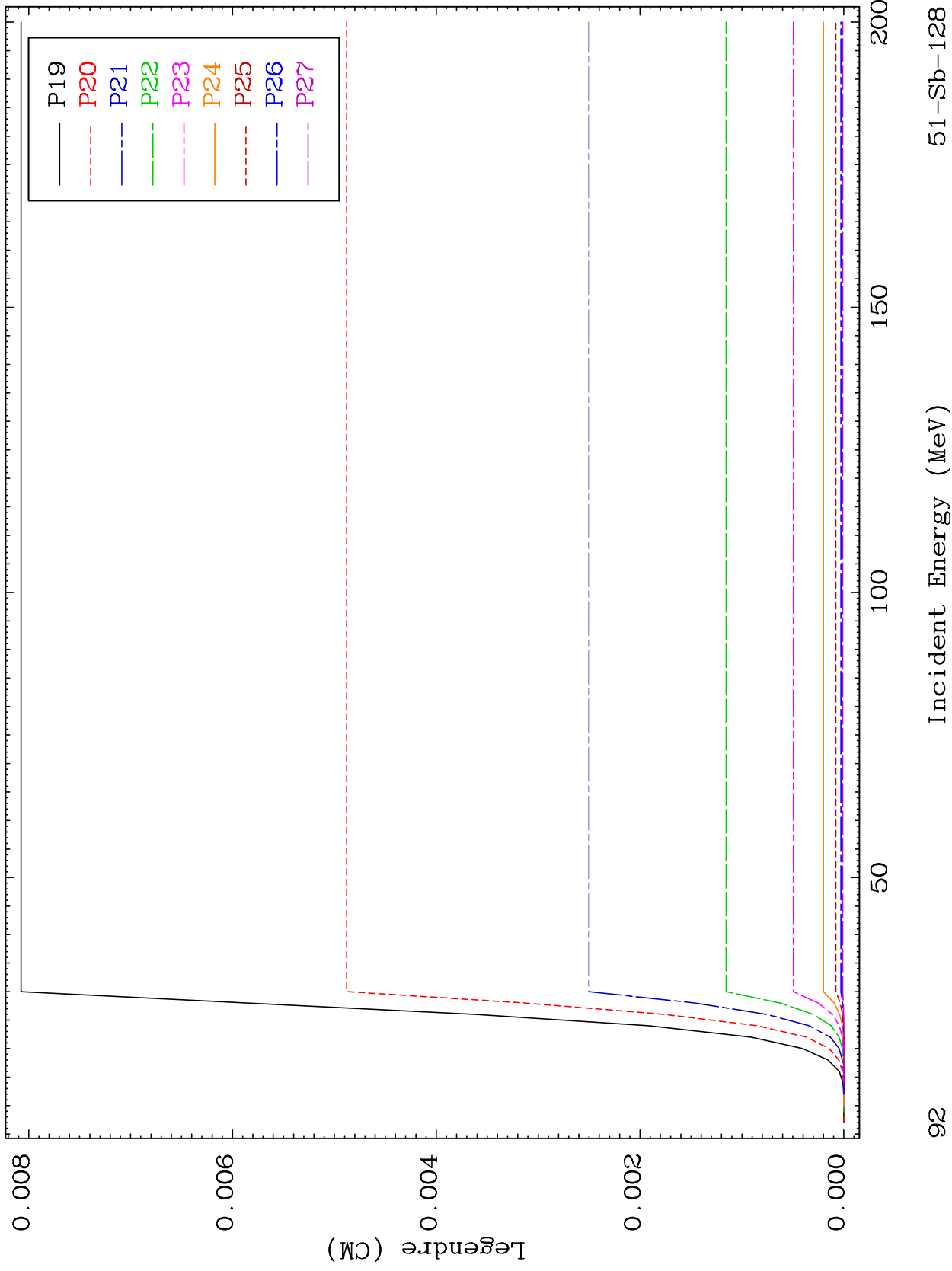
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



92

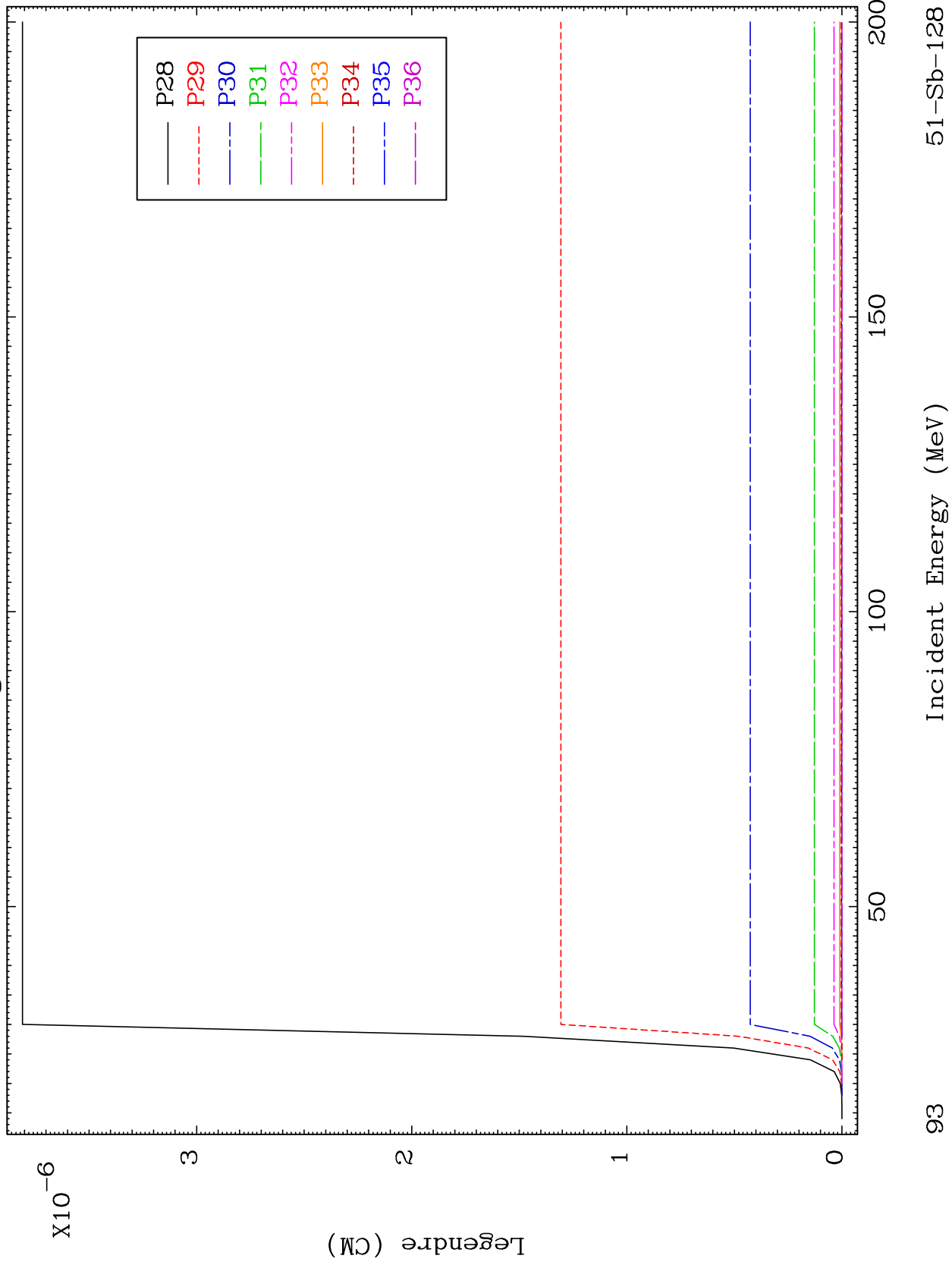
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

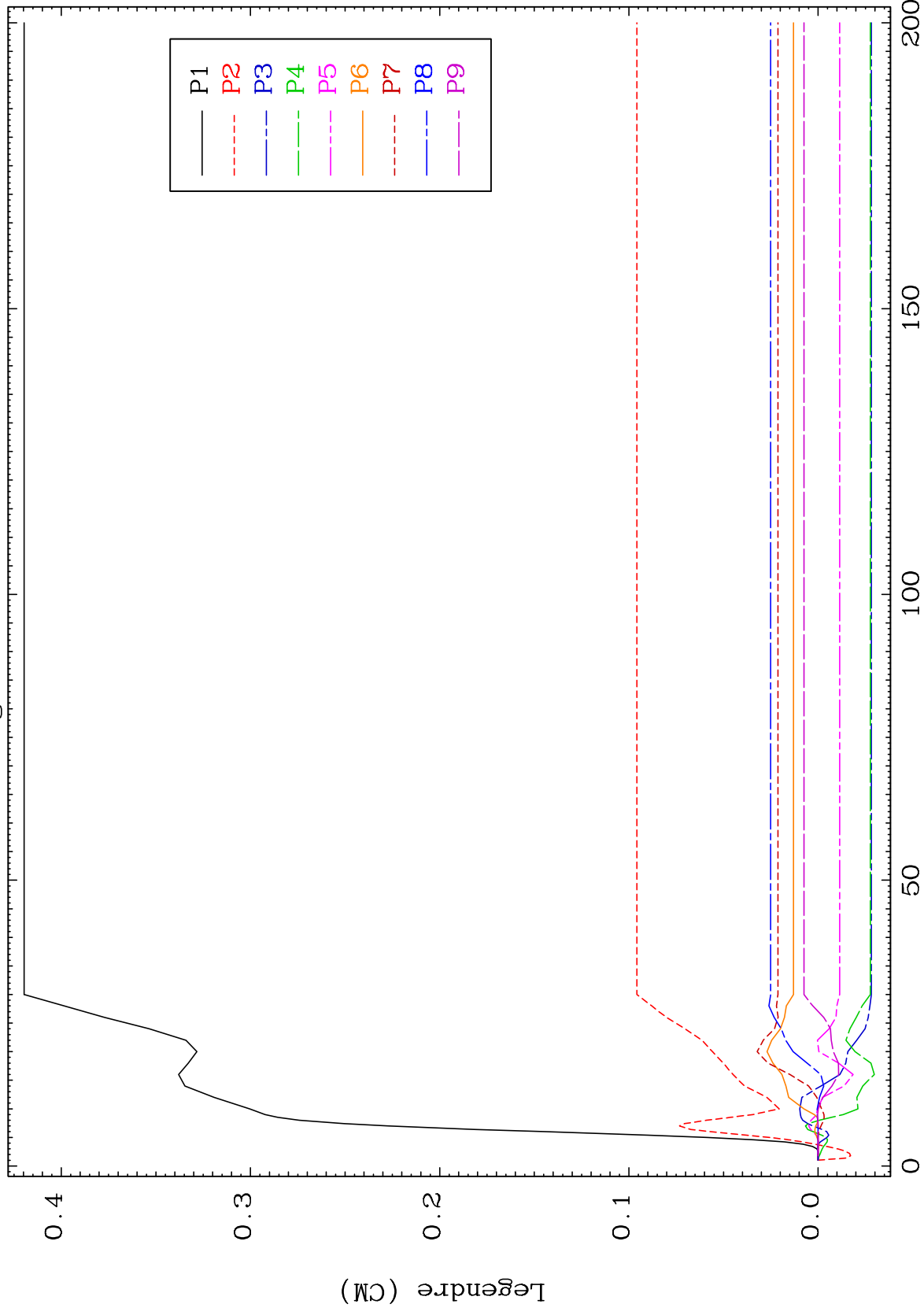
51-Sb-128



MAT 5146

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

51-Sb-128



94

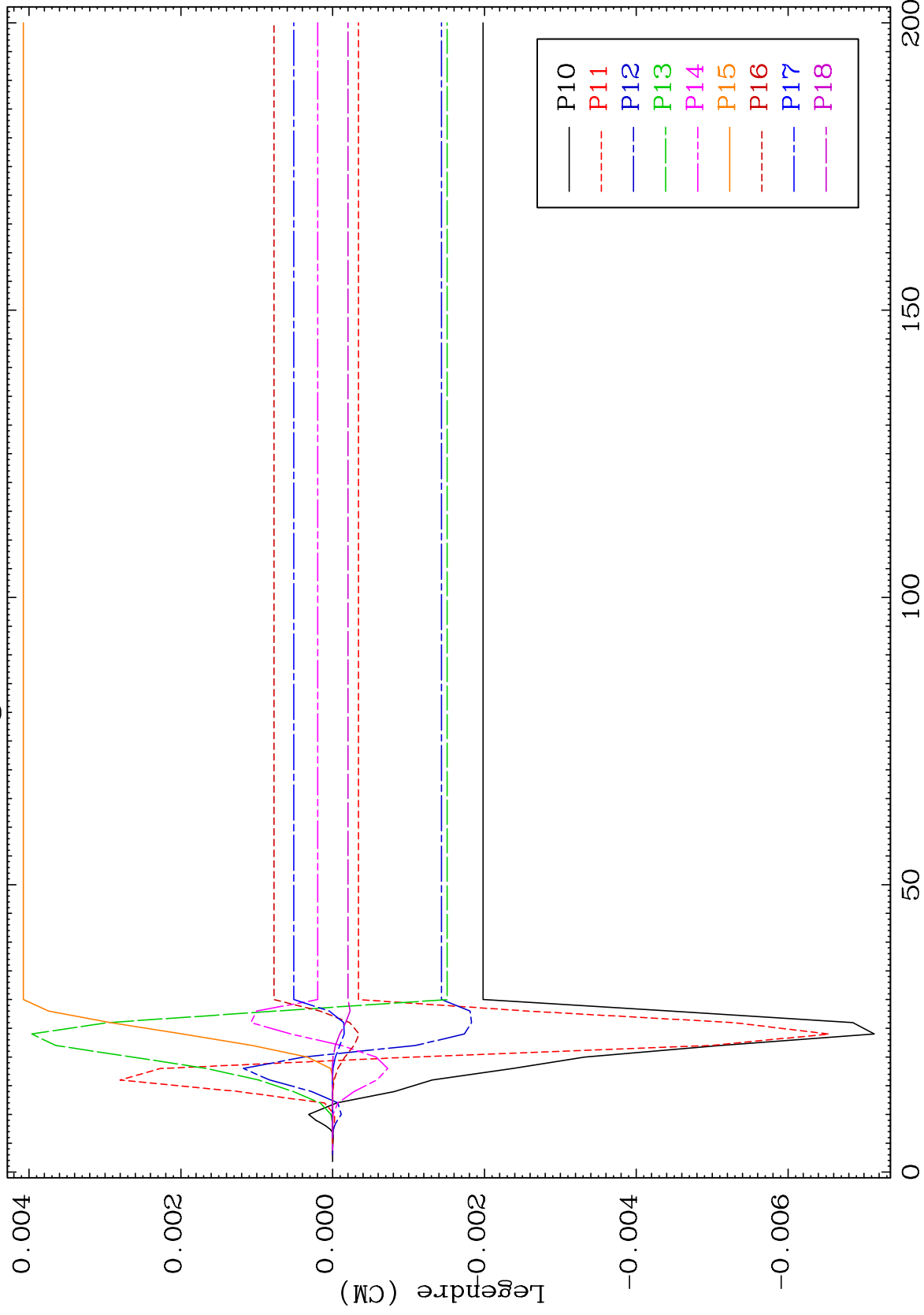
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

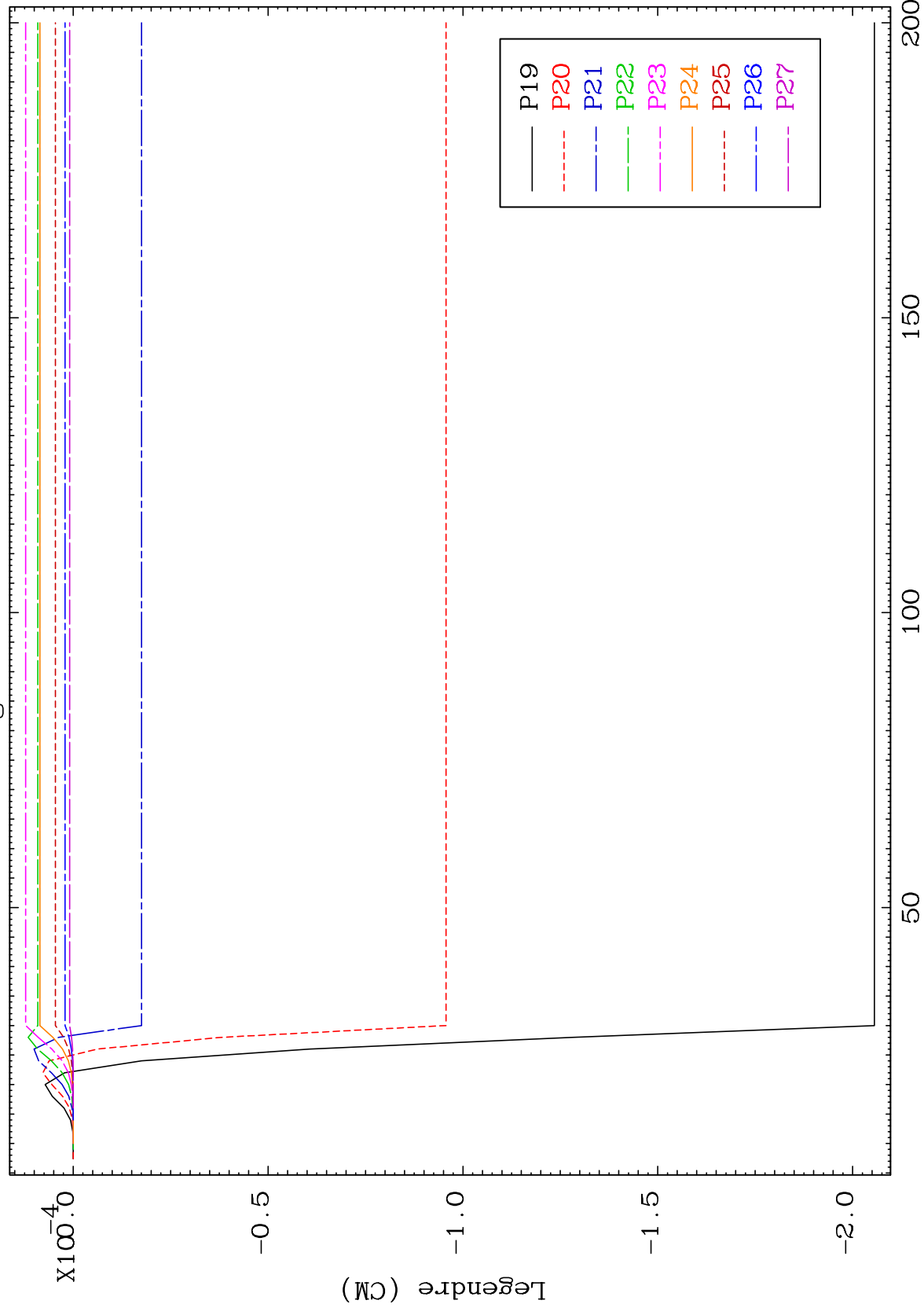
51-Sb-128



51-Sb-128

Incident Energy (MeV)

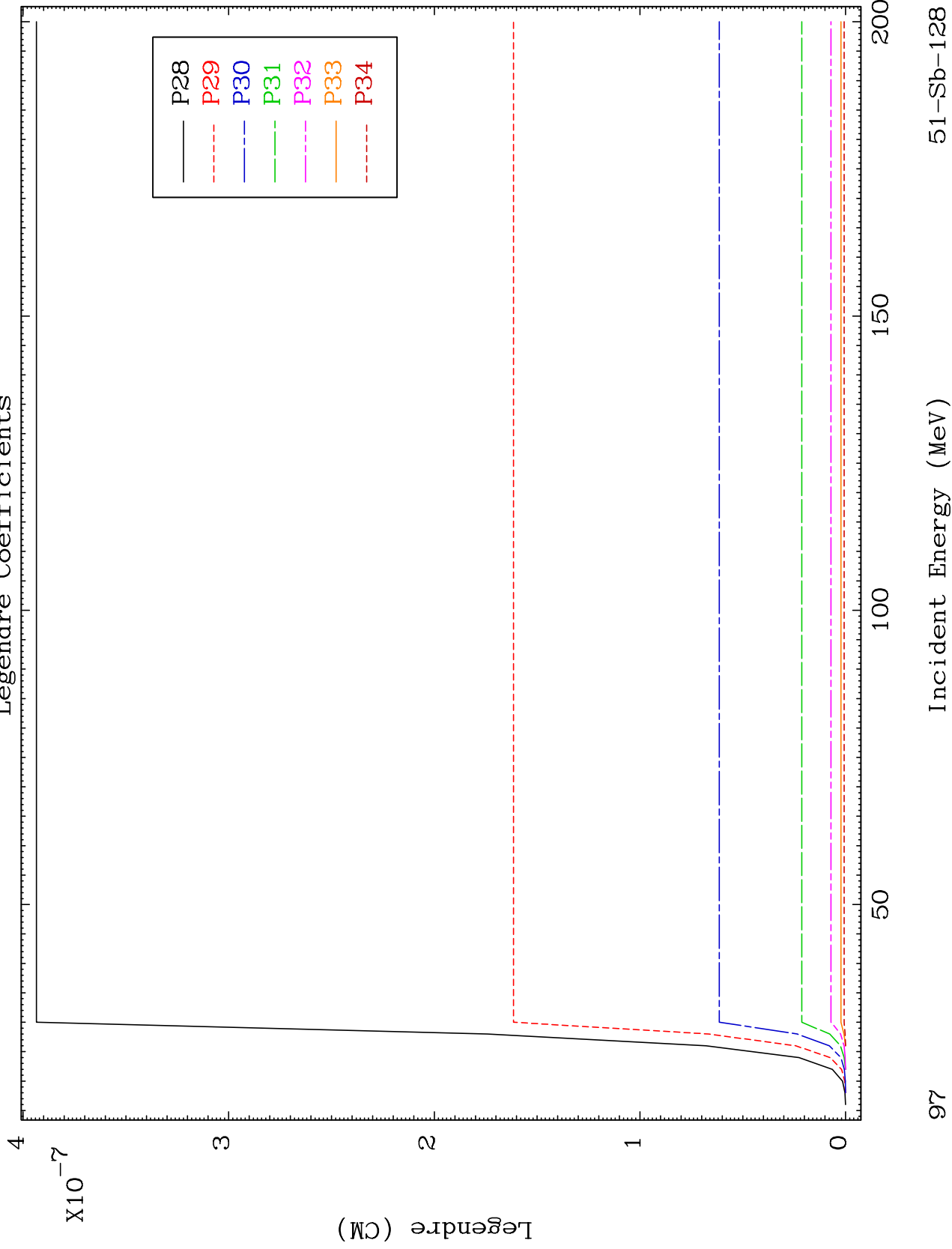
95



MAT 5146

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

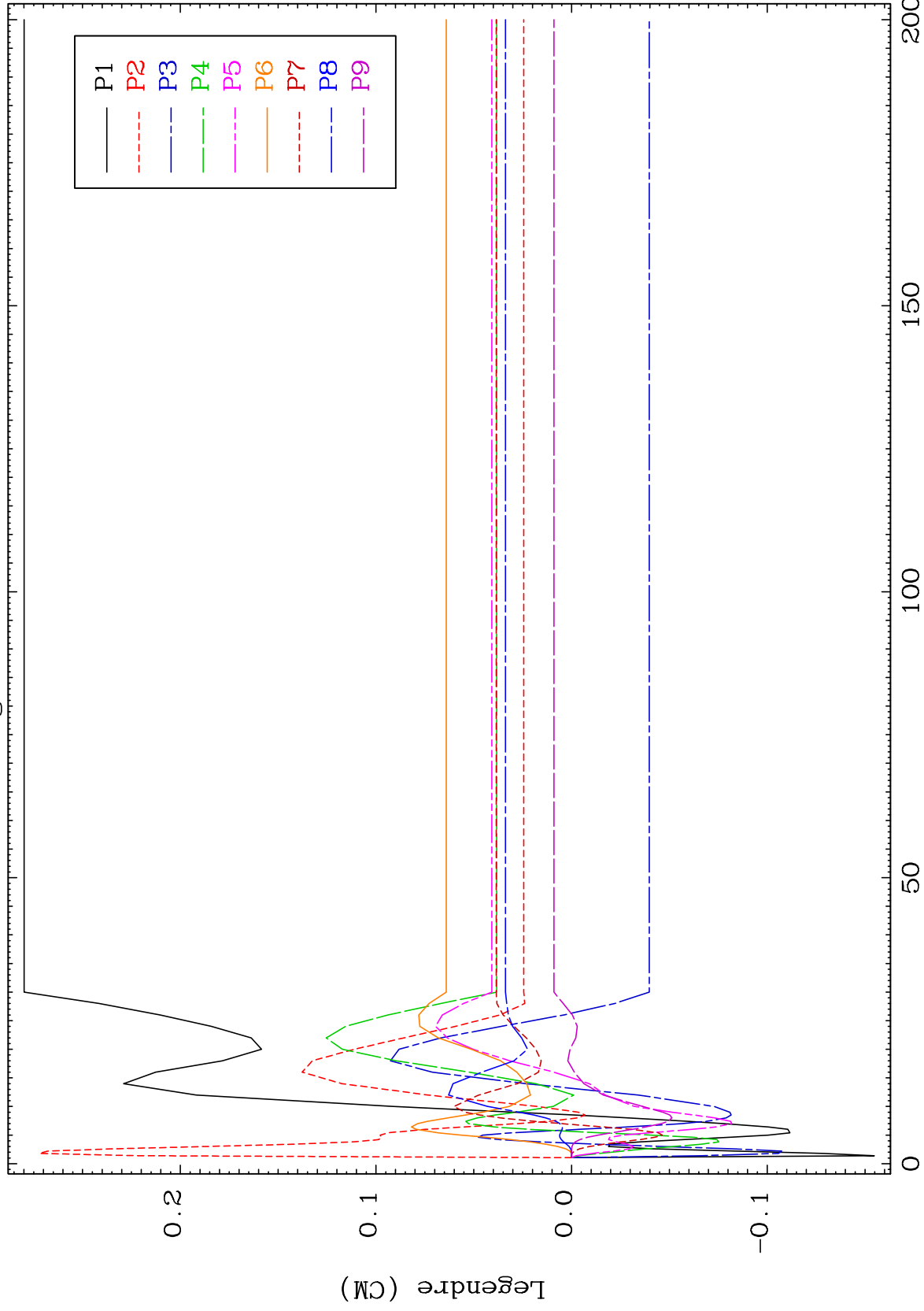
51-Sb-128



MAT 5146

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

51-Sb-128



98

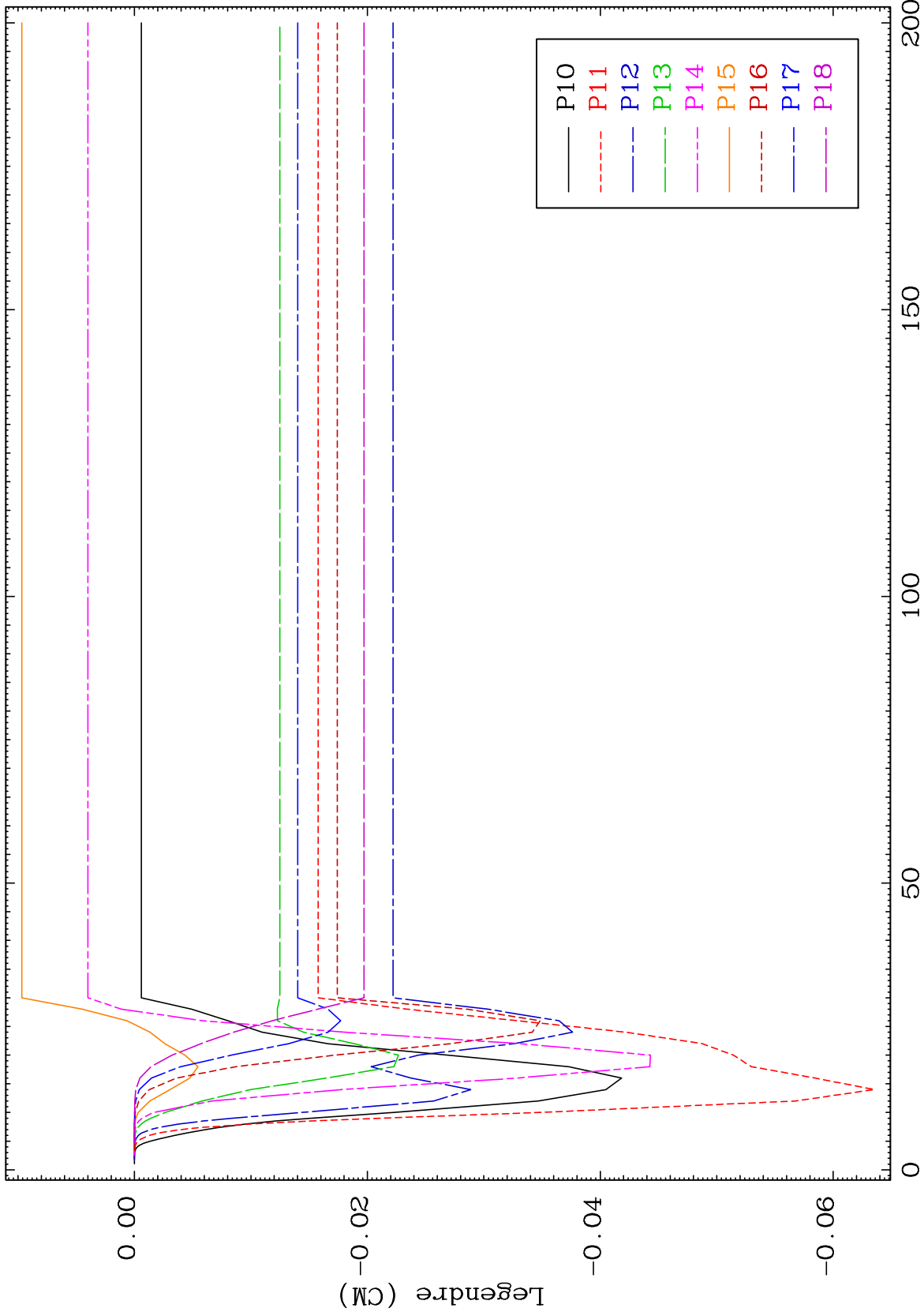
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

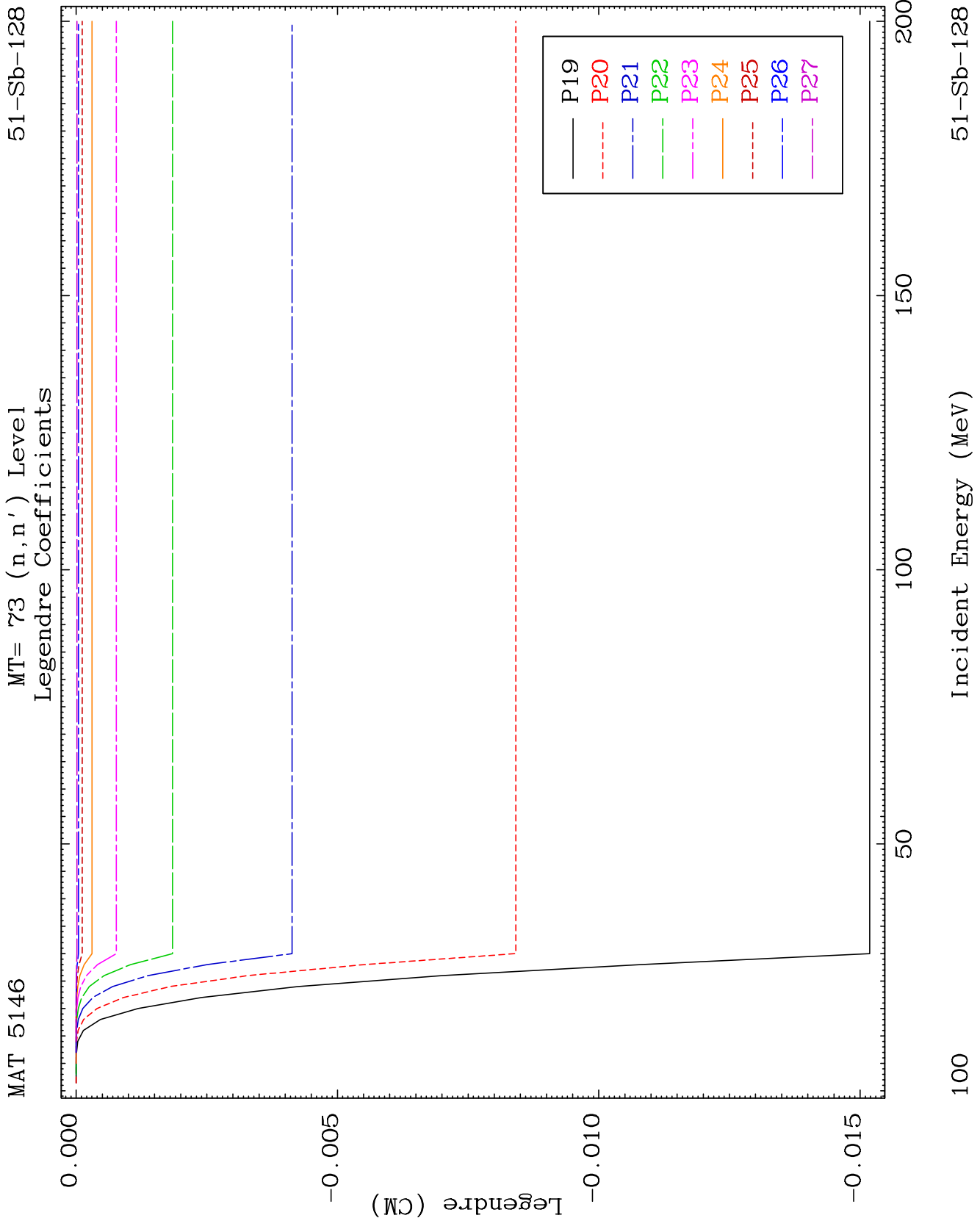
51-Sb-128

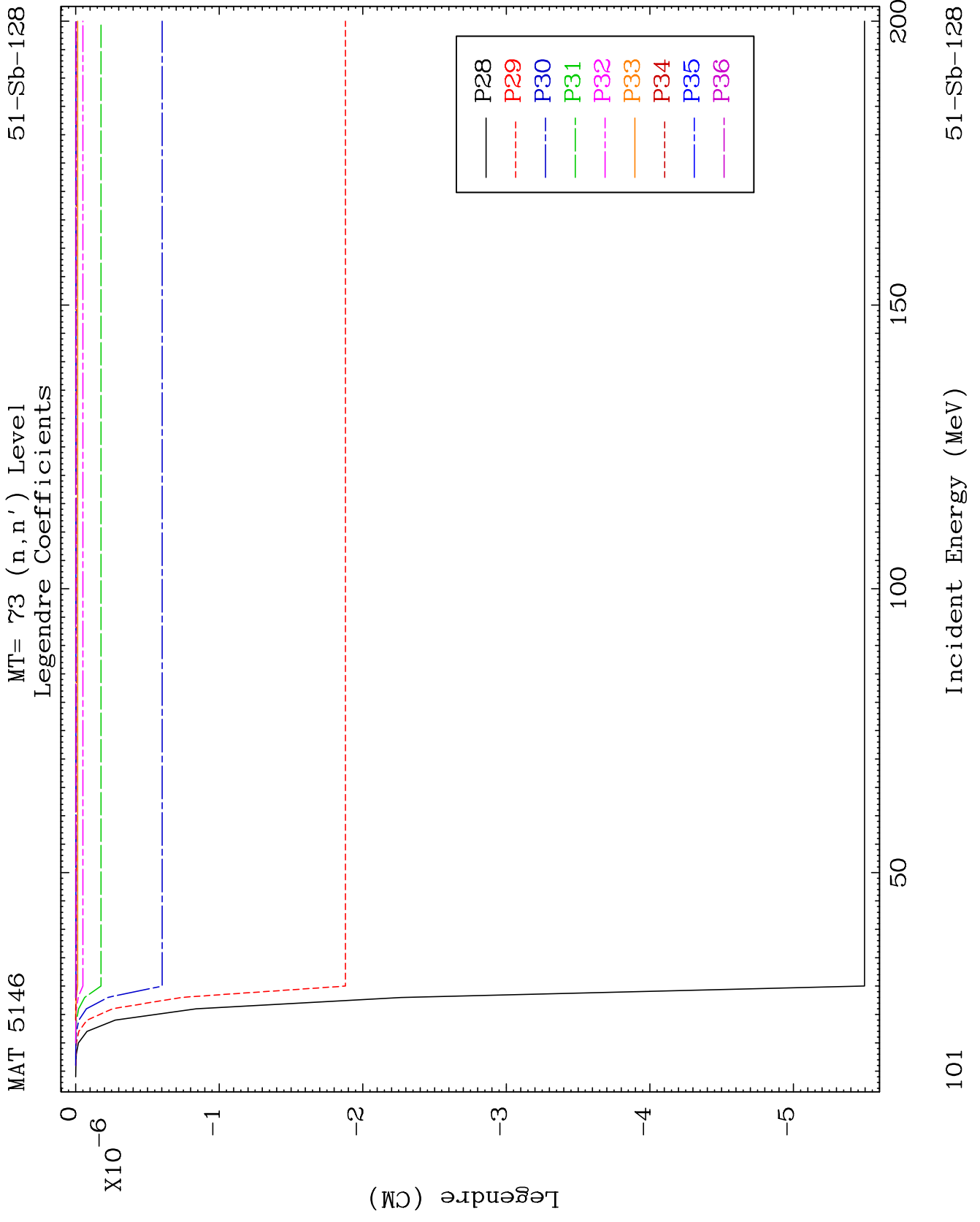


99

Incident Energy (MeV)

51-Sb-128

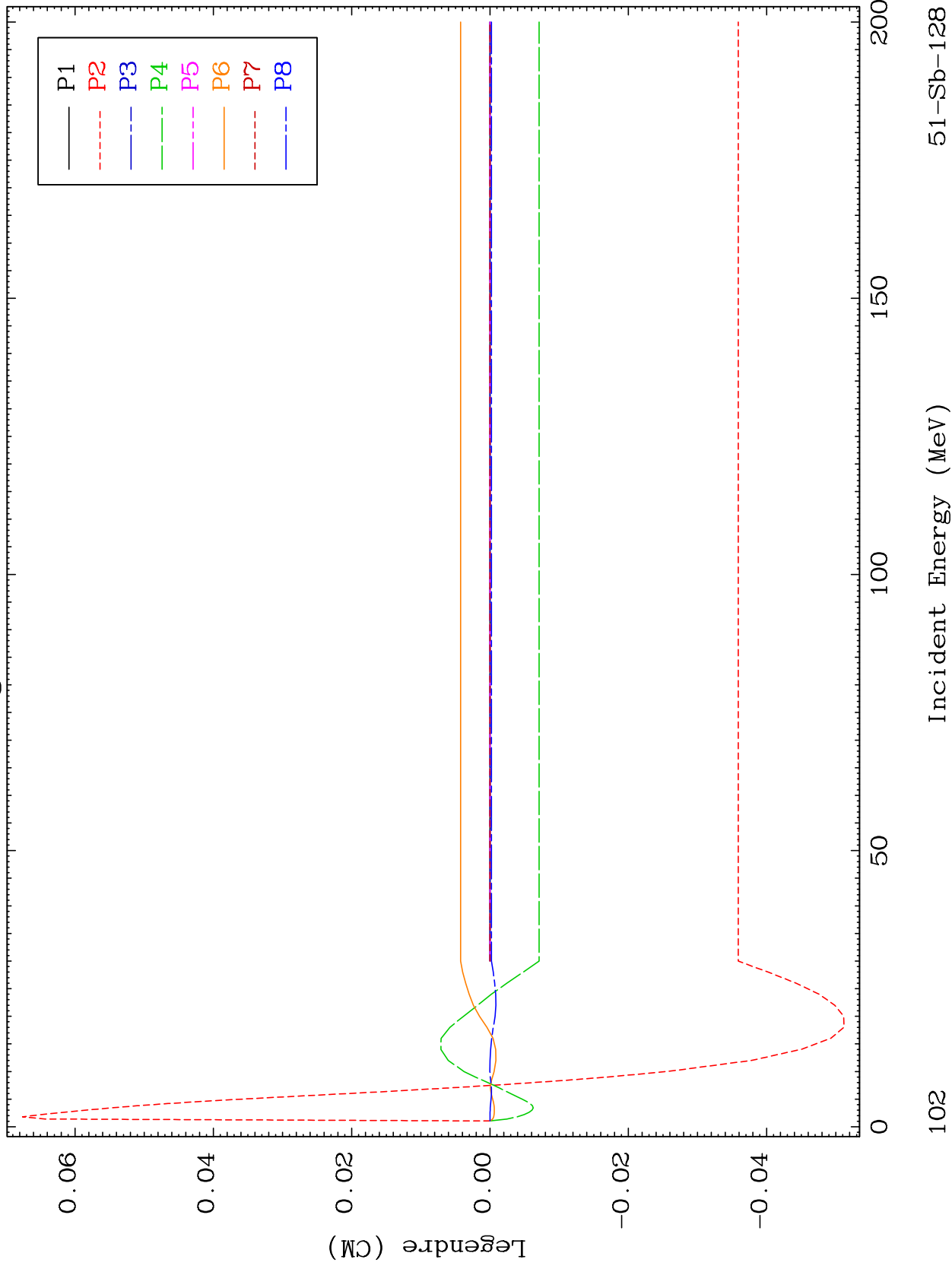




MAT 5146

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

51-Sb-128



51-Sb-128

Incident Energy (MeV)

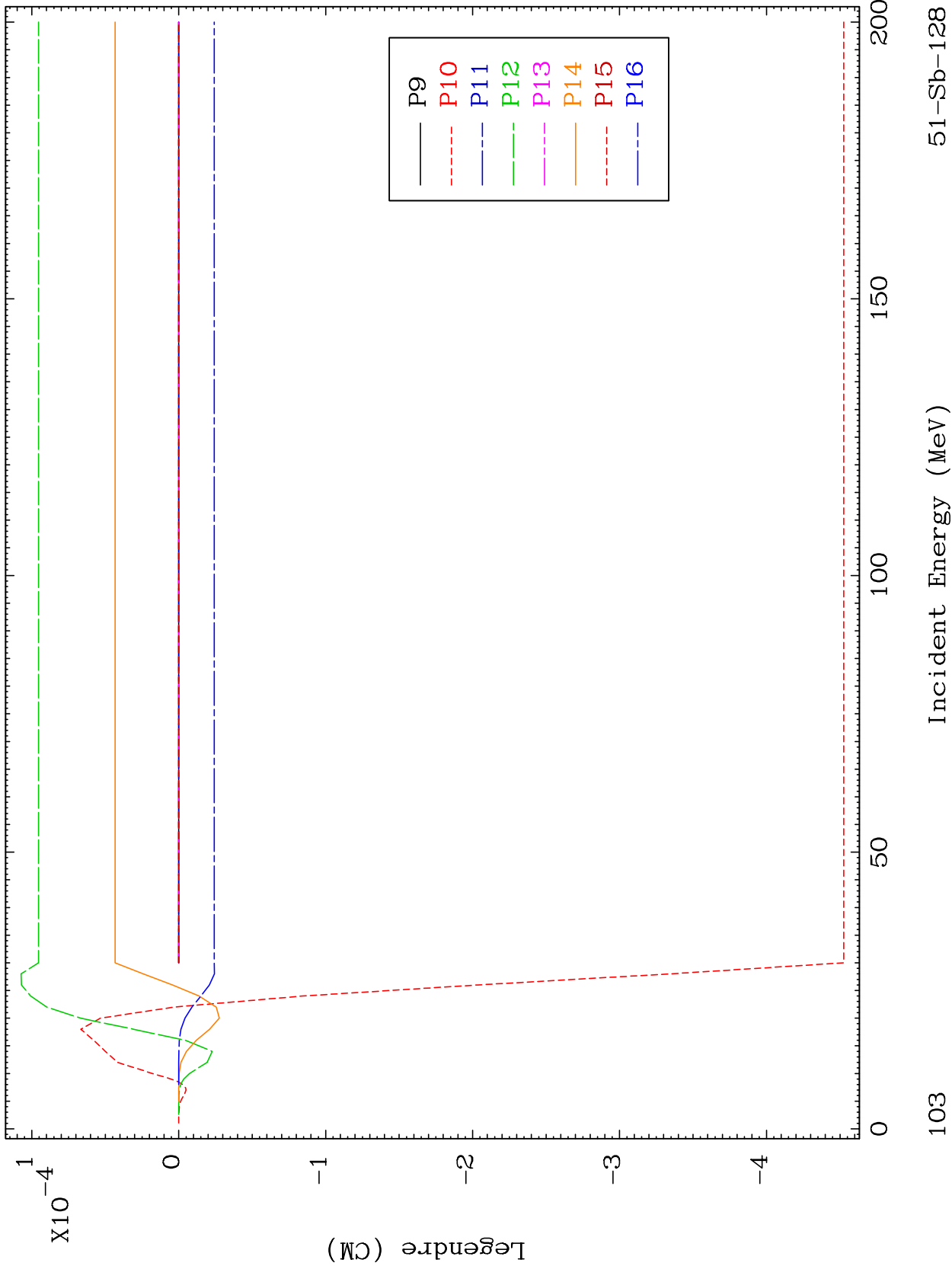
102

MAT 5146

MT= 74 (n,n') Level

51-Sb-128

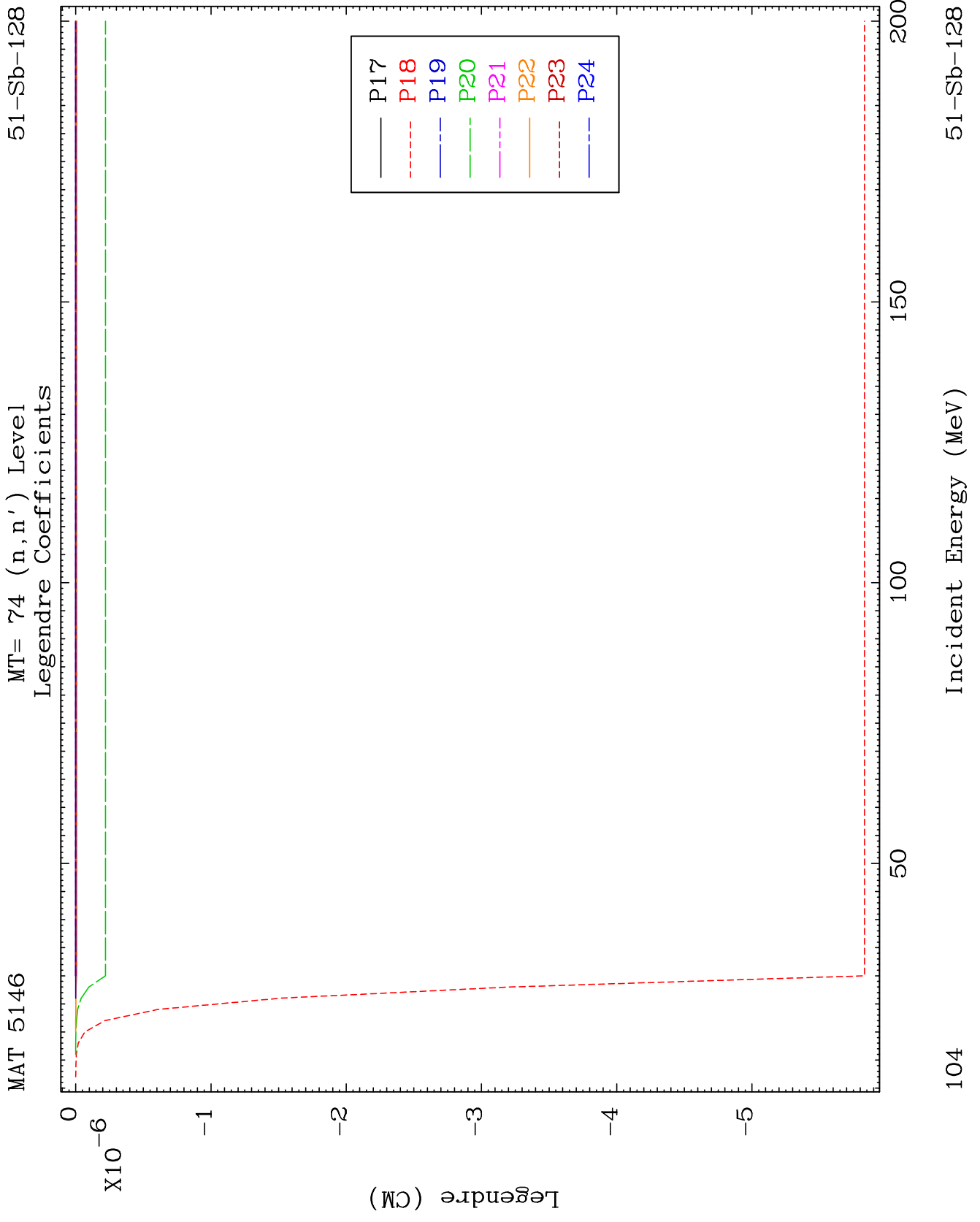
Legendre Coefficients



103

Incident Energy (MeV)

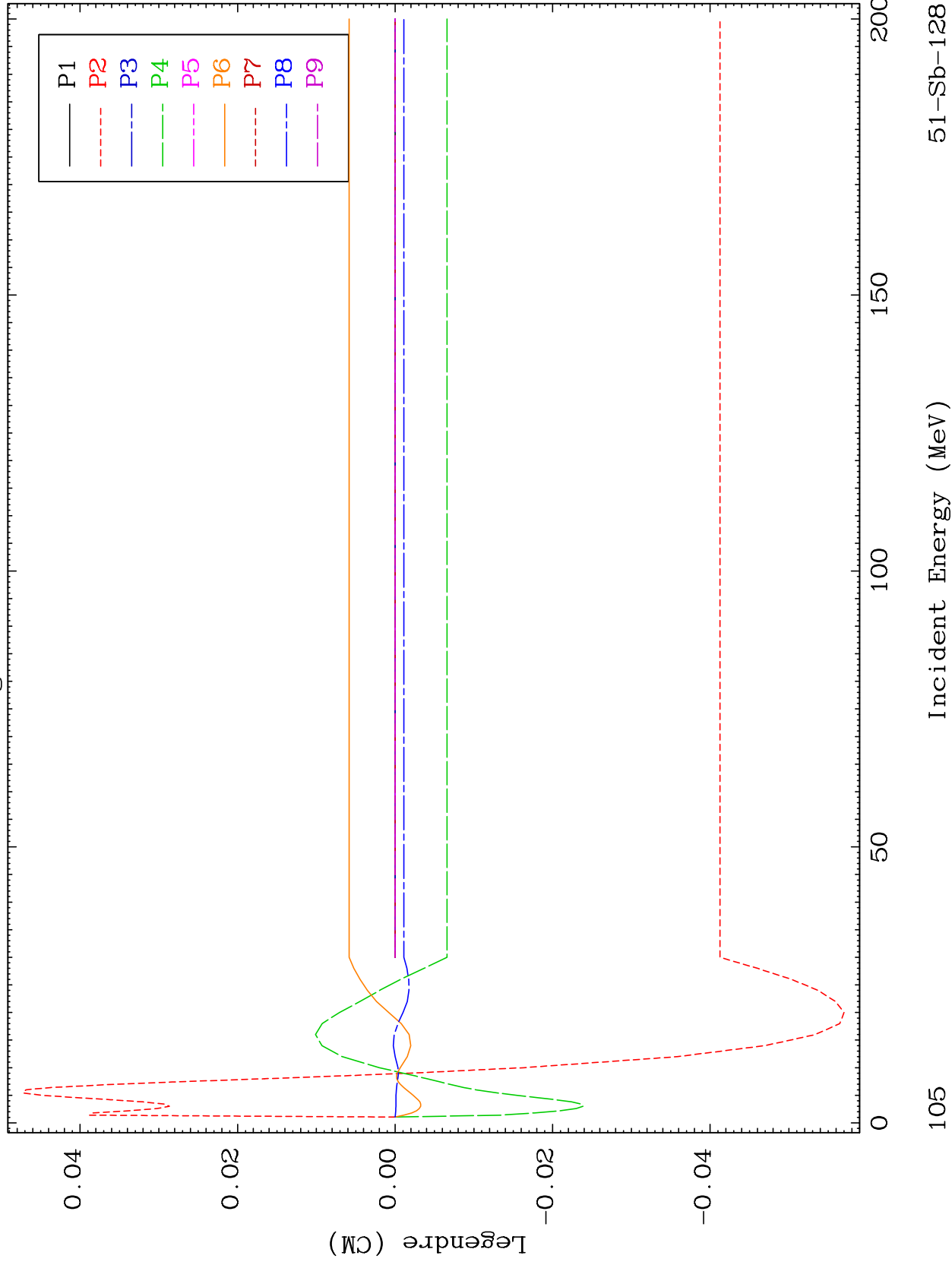
51-Sb-128



MAT 5146

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

51-Sb-128



51-Sb-128

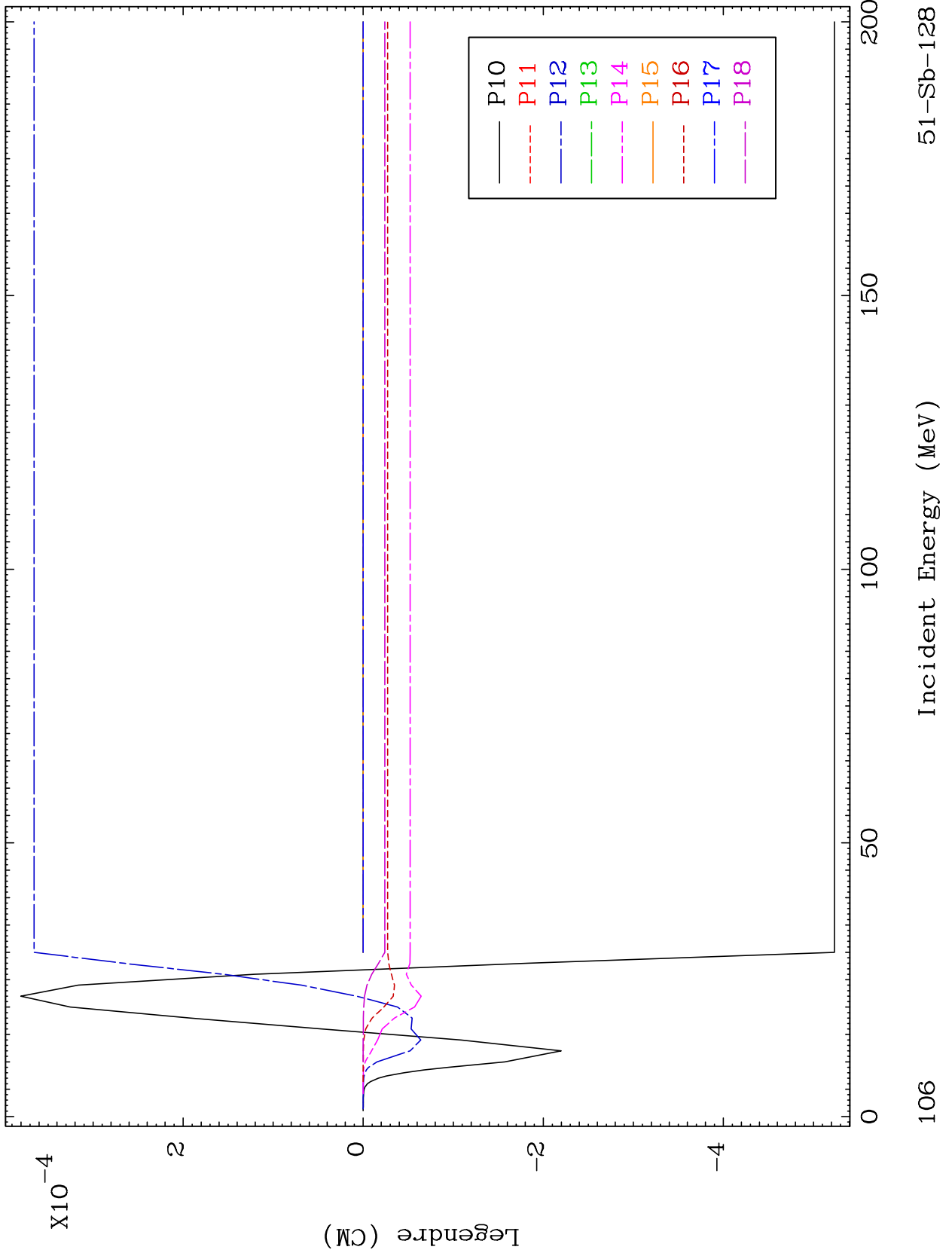
Incident Energy (MeV)

105

MAT 5146

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

51-Sb-128



106

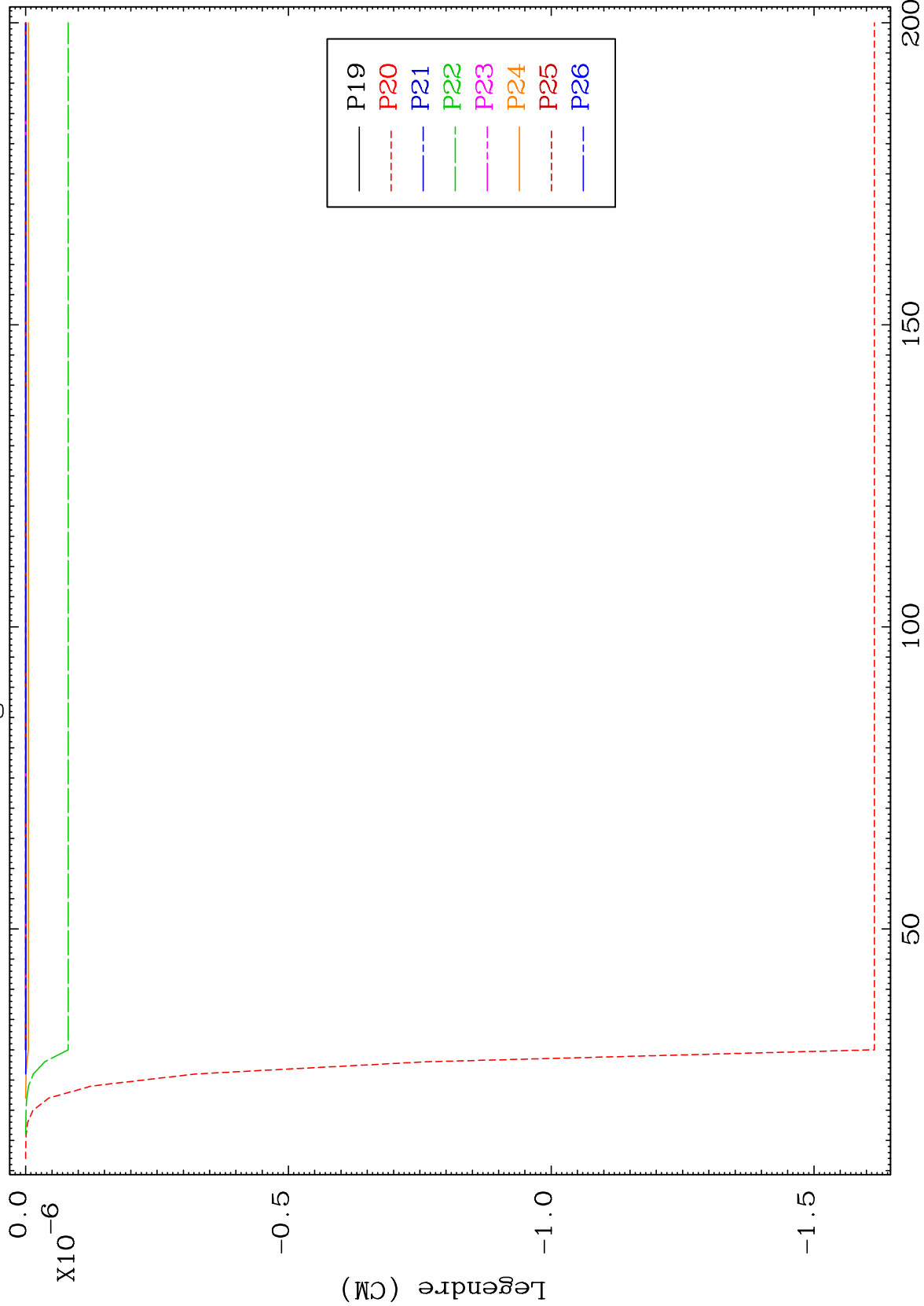
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

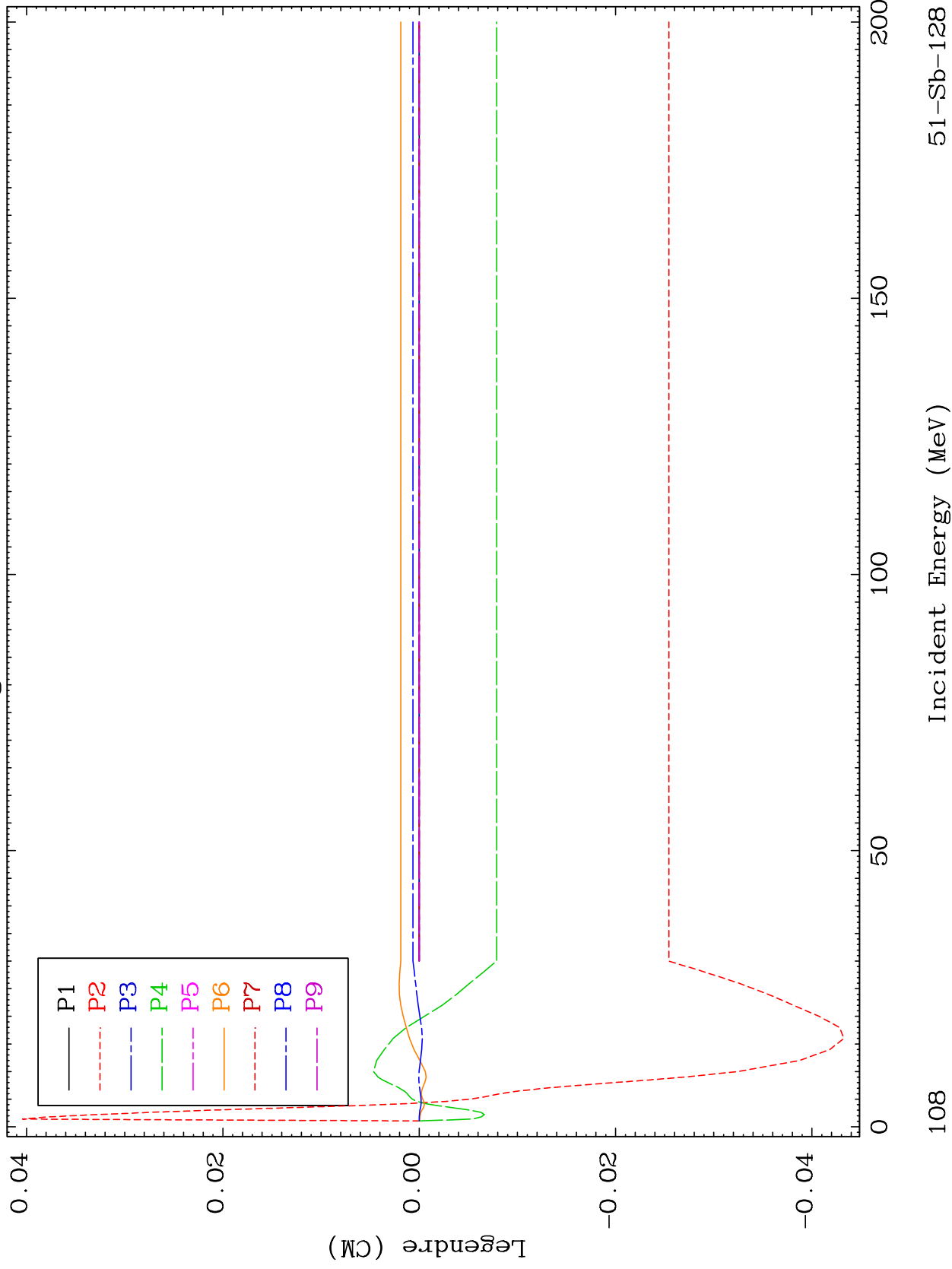
Incident Energy (MeV)

107

MAT 5146

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

51-Sb-128



51-Sb-128

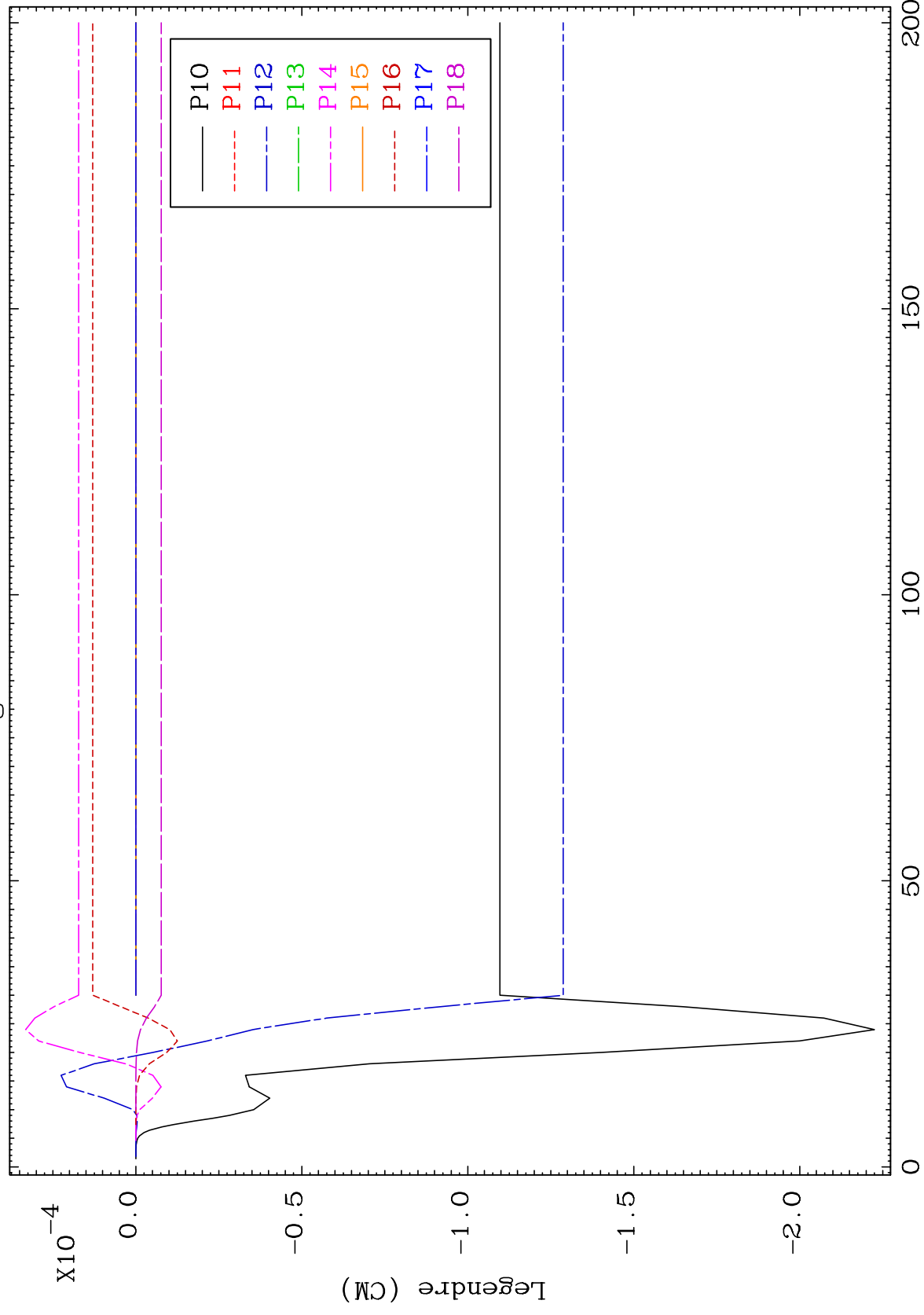
Incident Energy (MeV)

108

MAT 5146

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

51-Sb-128



109

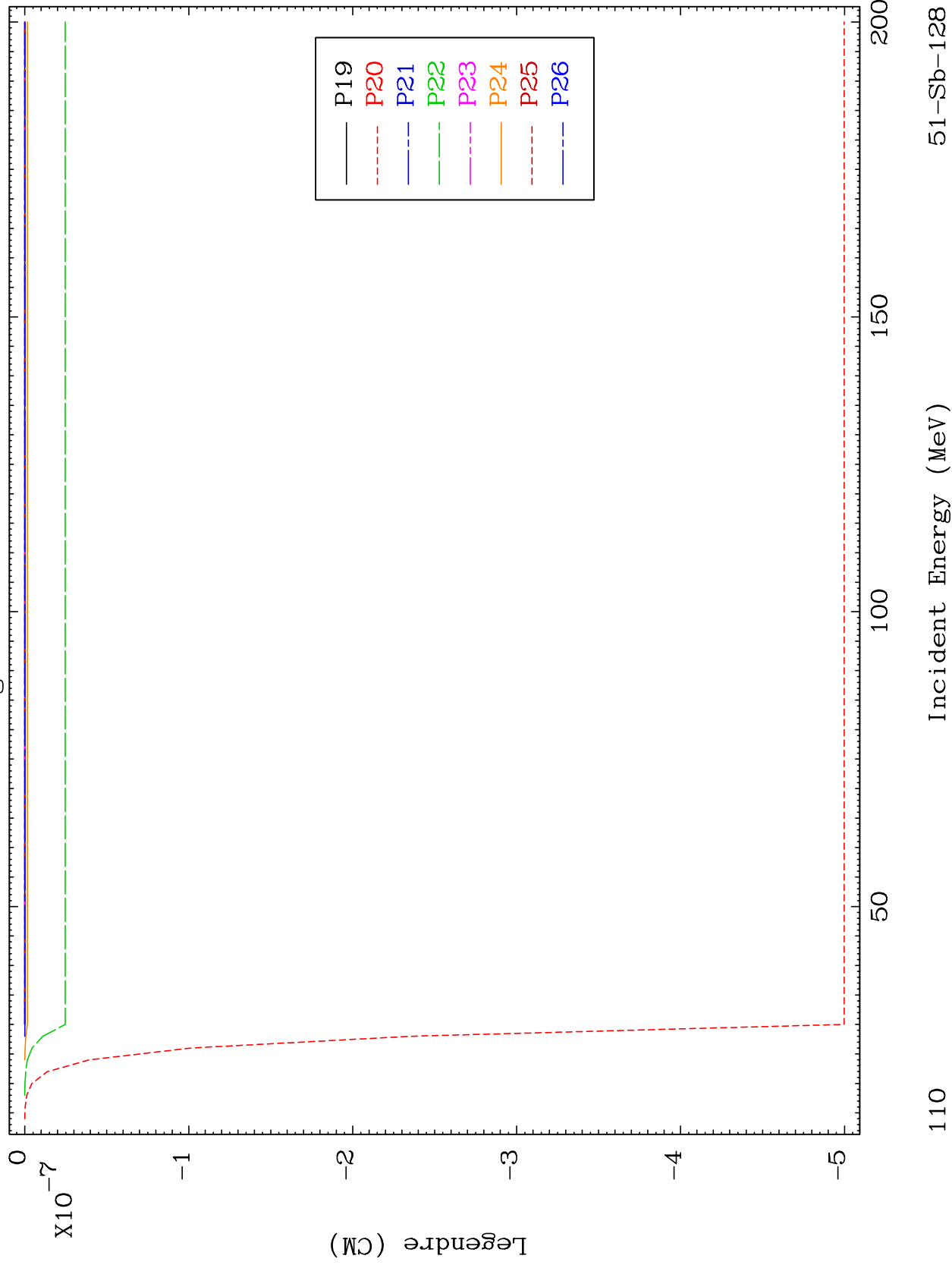
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



110

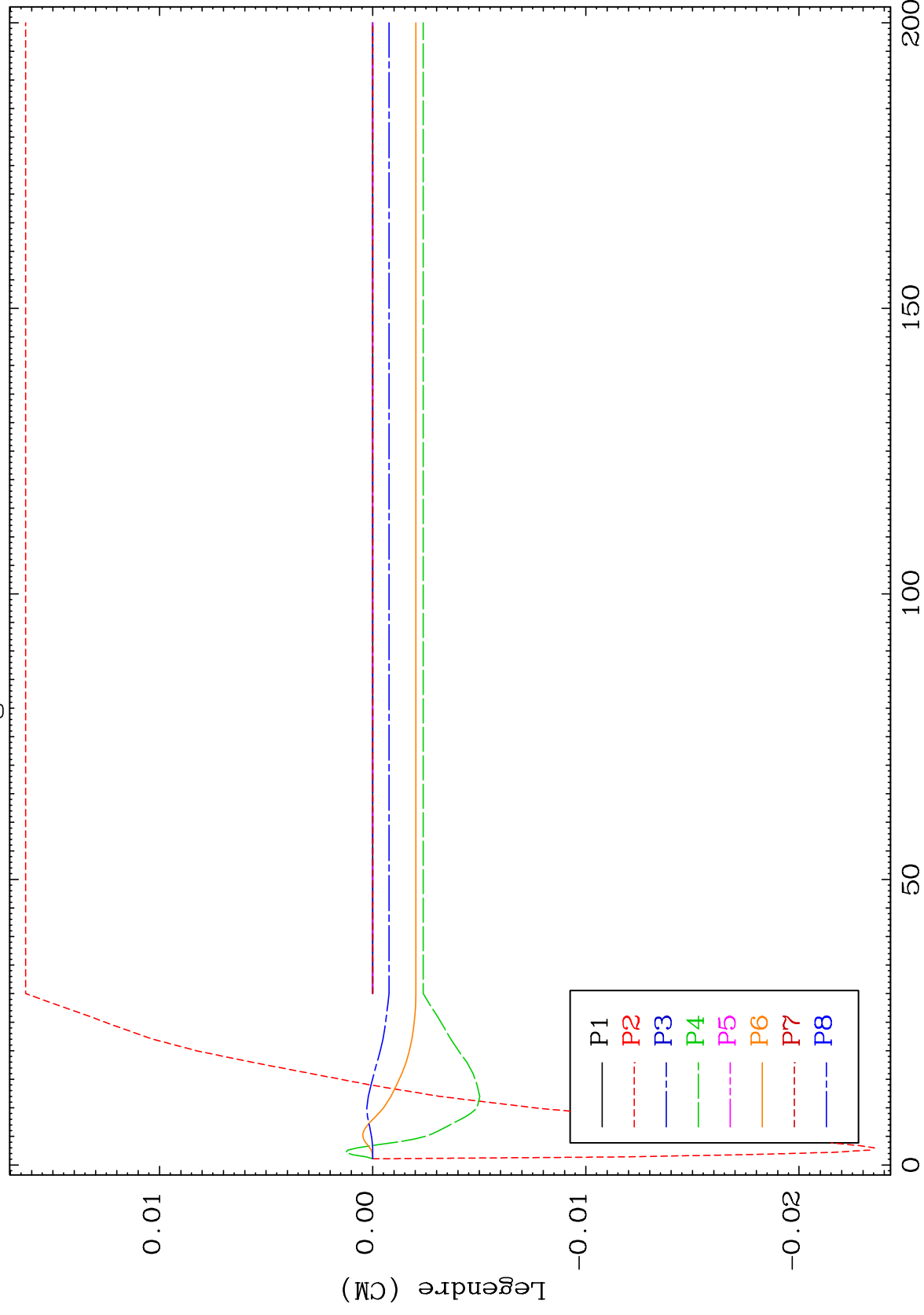
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

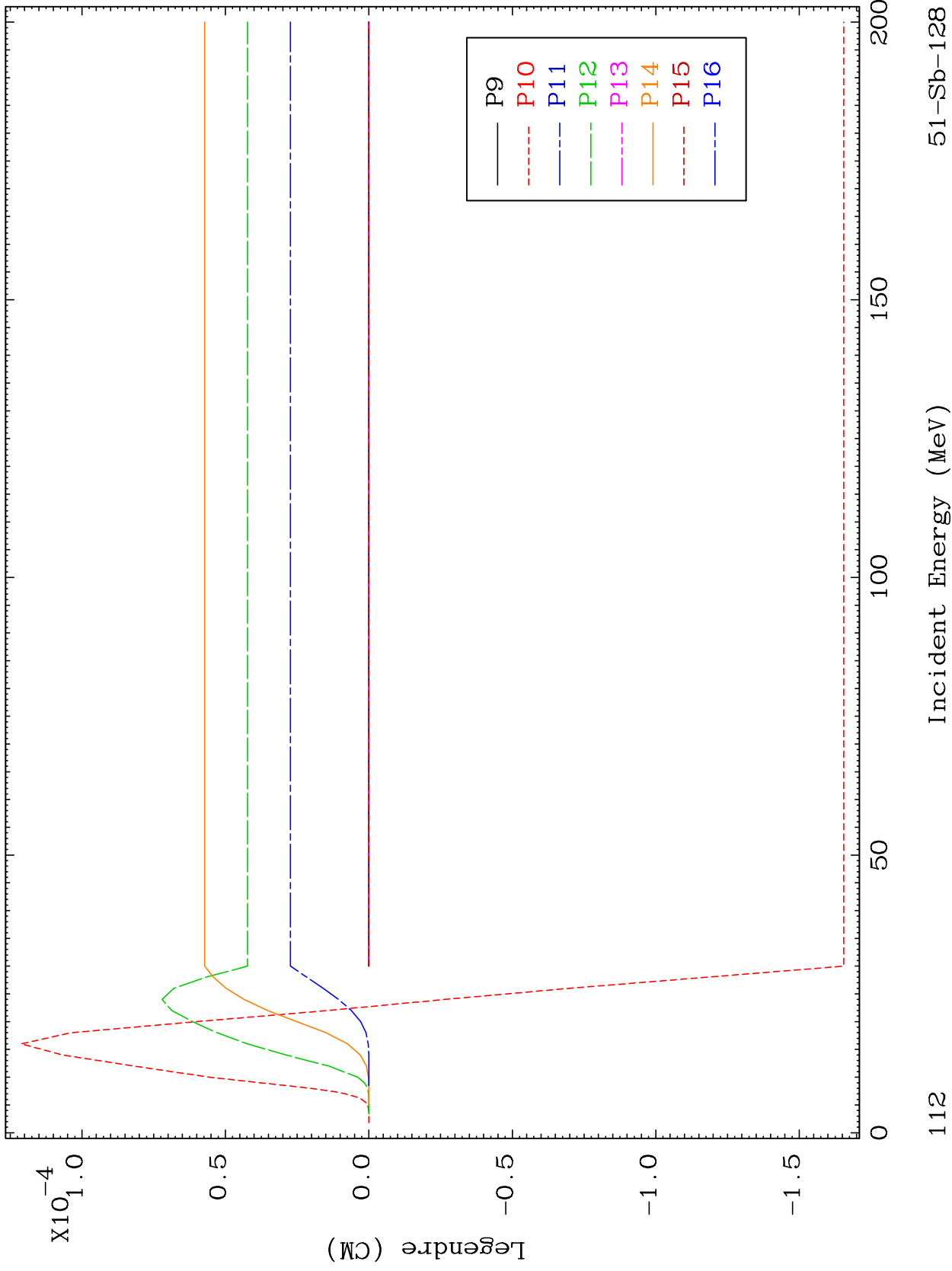
Incident Energy (MeV)

111

MAT 5146

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

51-Sb-128

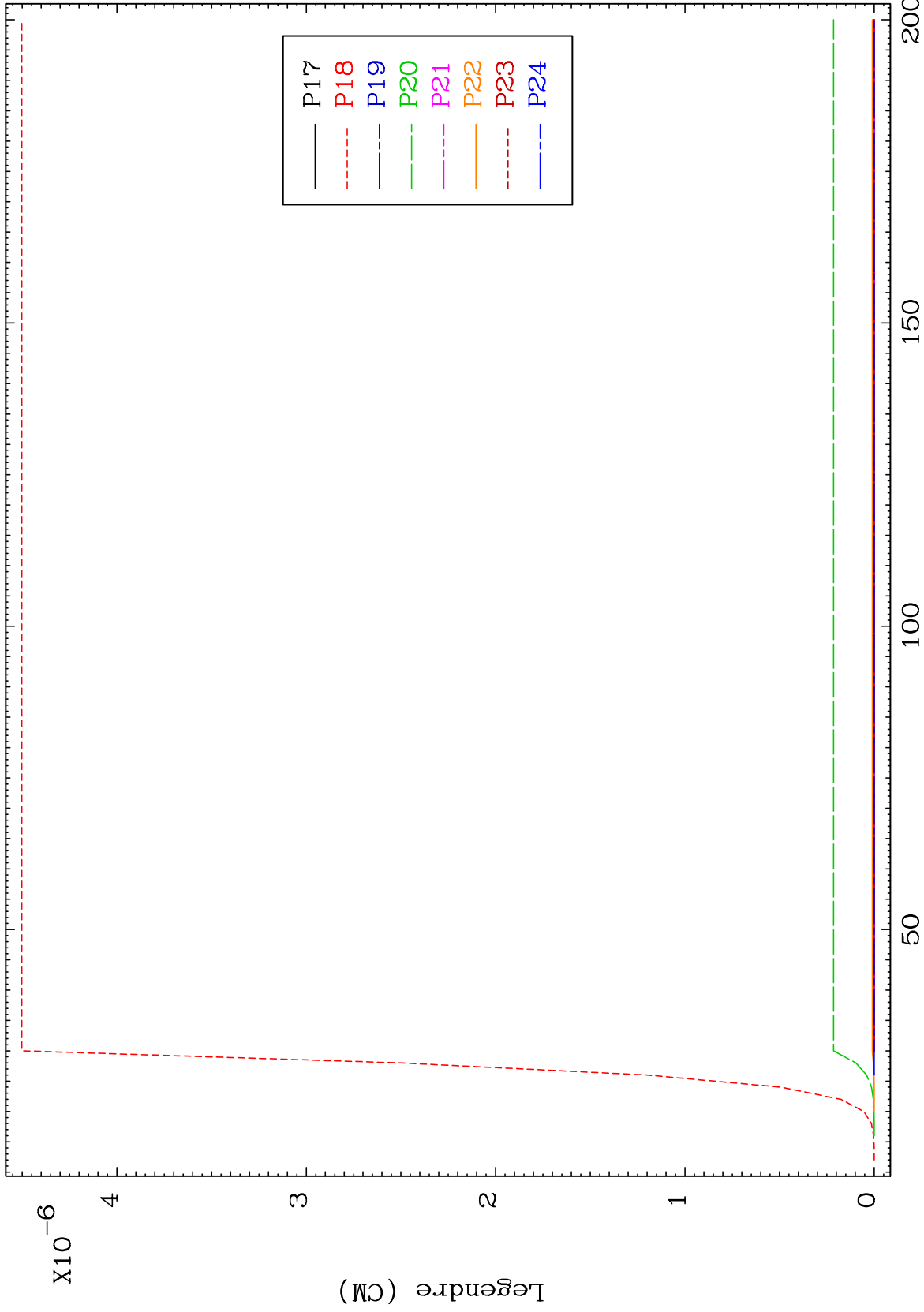


112

MAT 5146

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

51-Sb-128



113

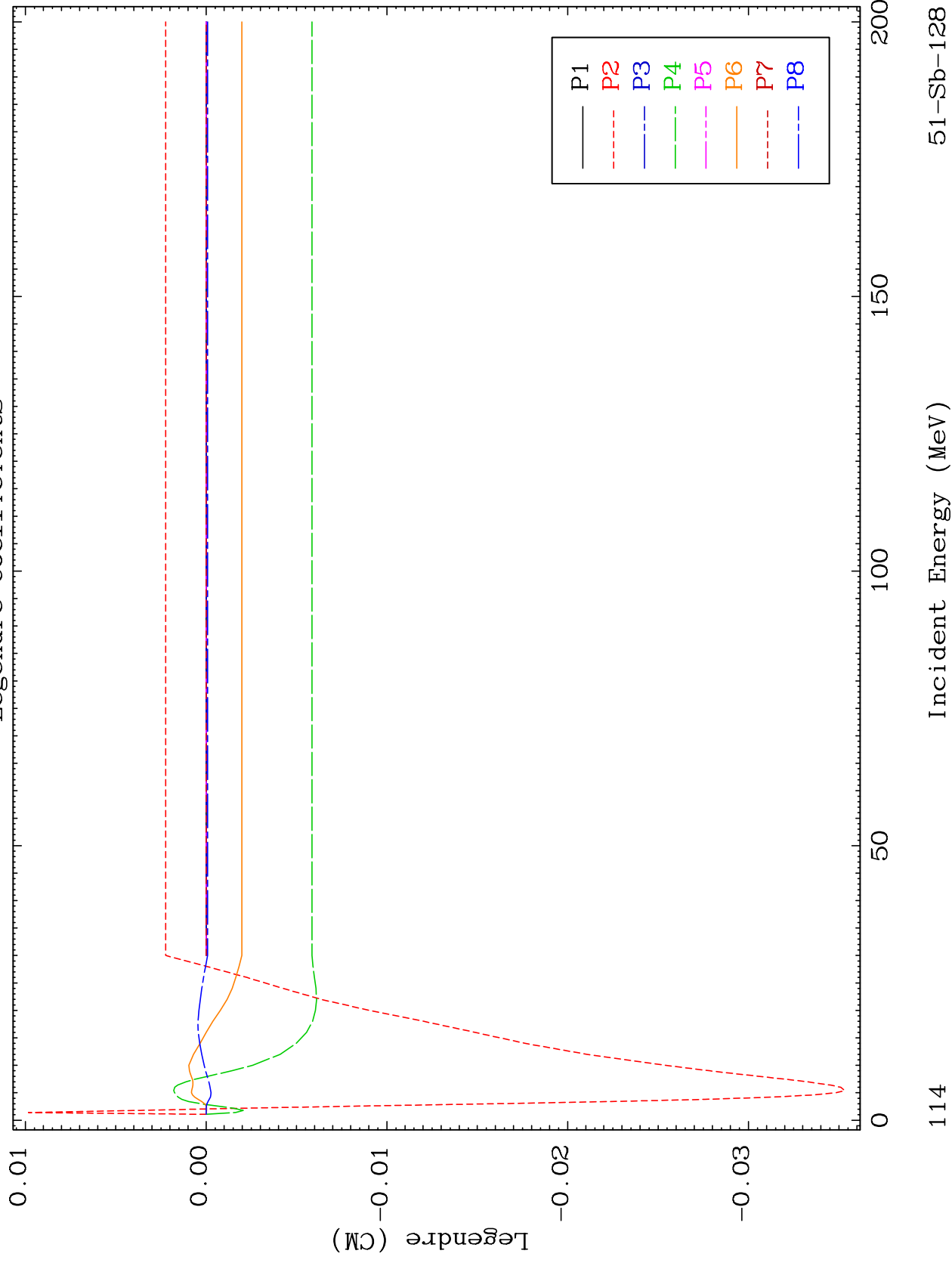
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

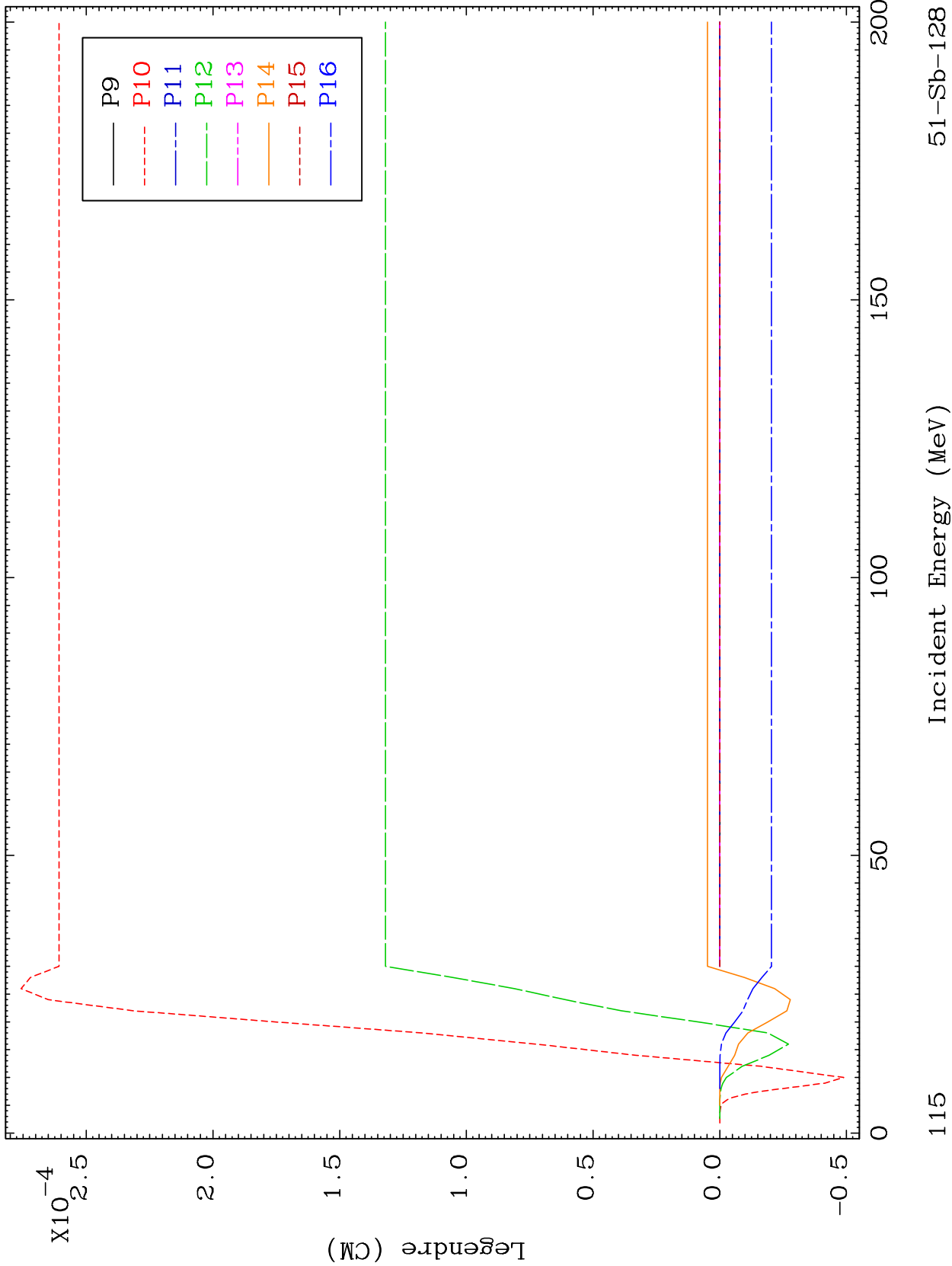
Incident Energy (MeV)

114

MAT 5146

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

51-Sb-128



51-Sb-128

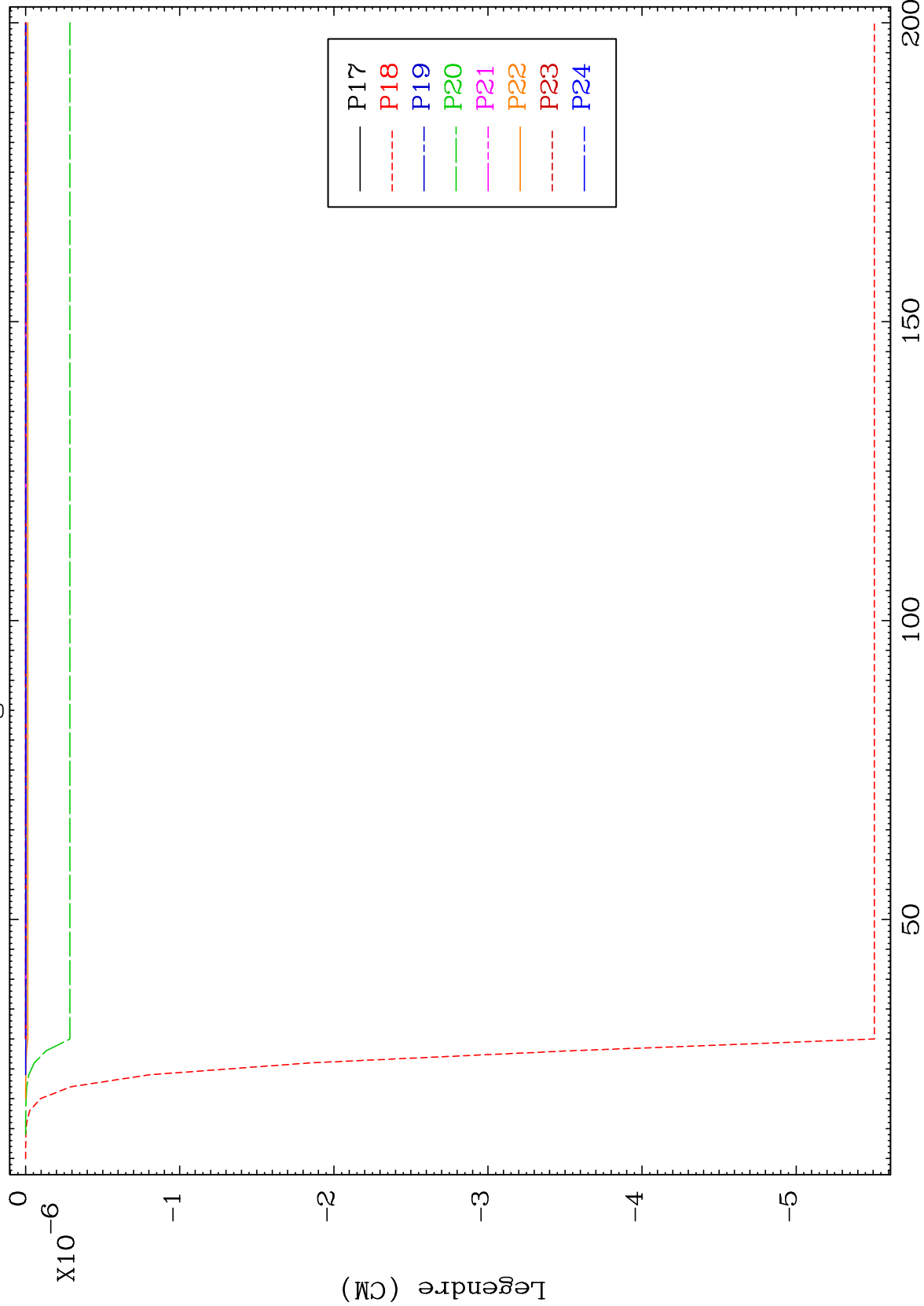
Incident Energy (MeV)

115

MAT 5146

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

51-Sb-128



116

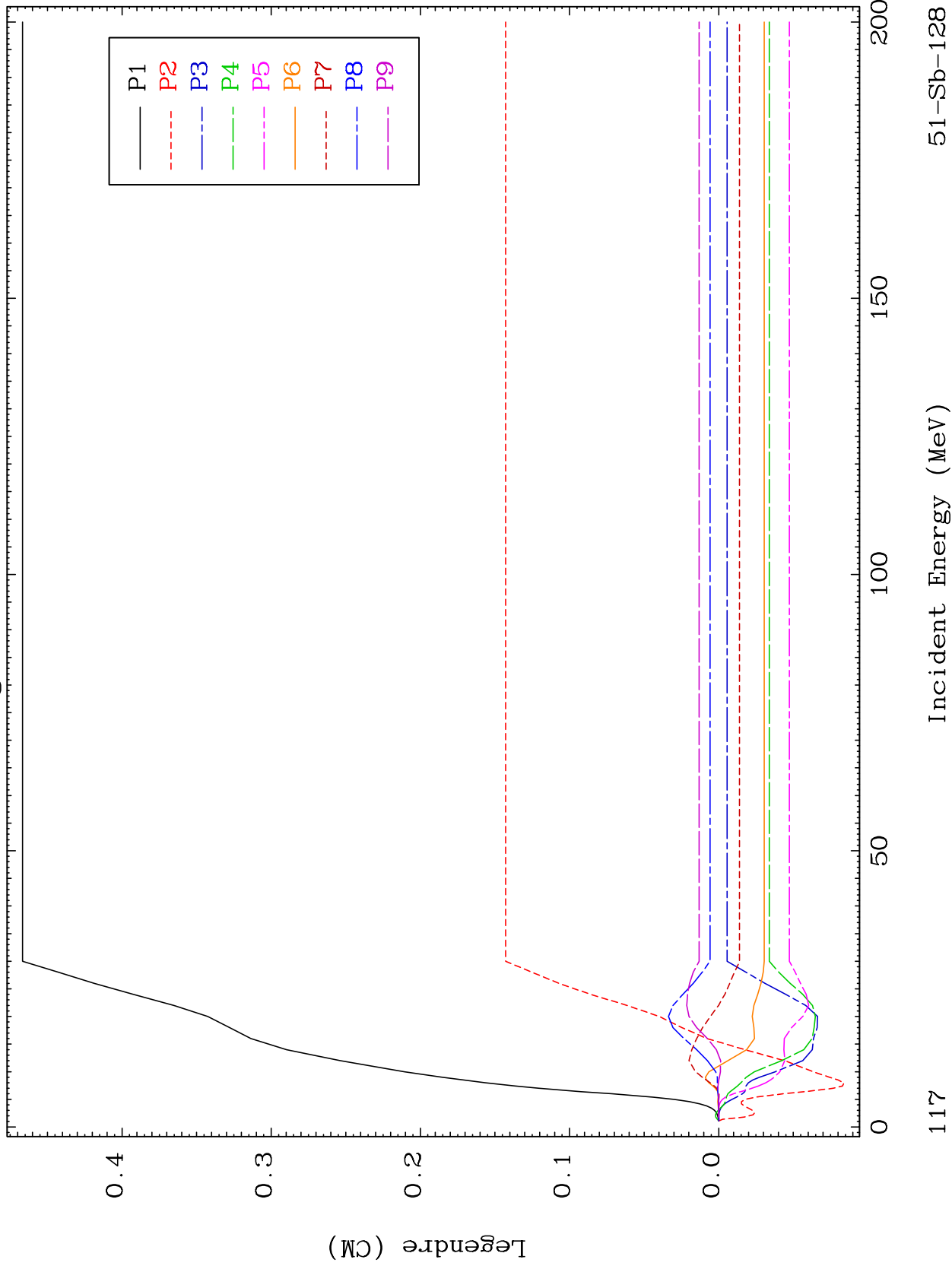
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128

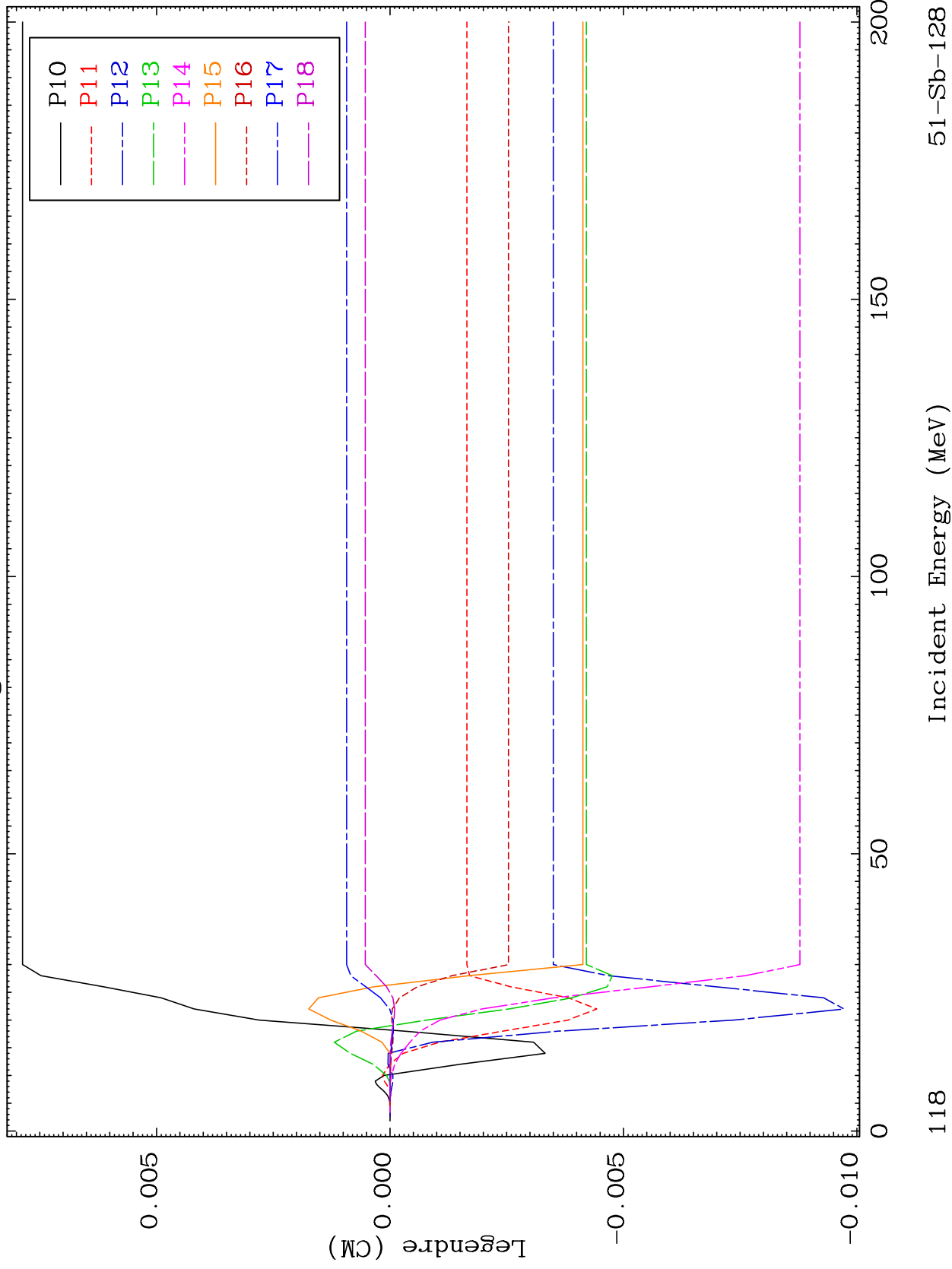


51-Sb-128

MAT 5146

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

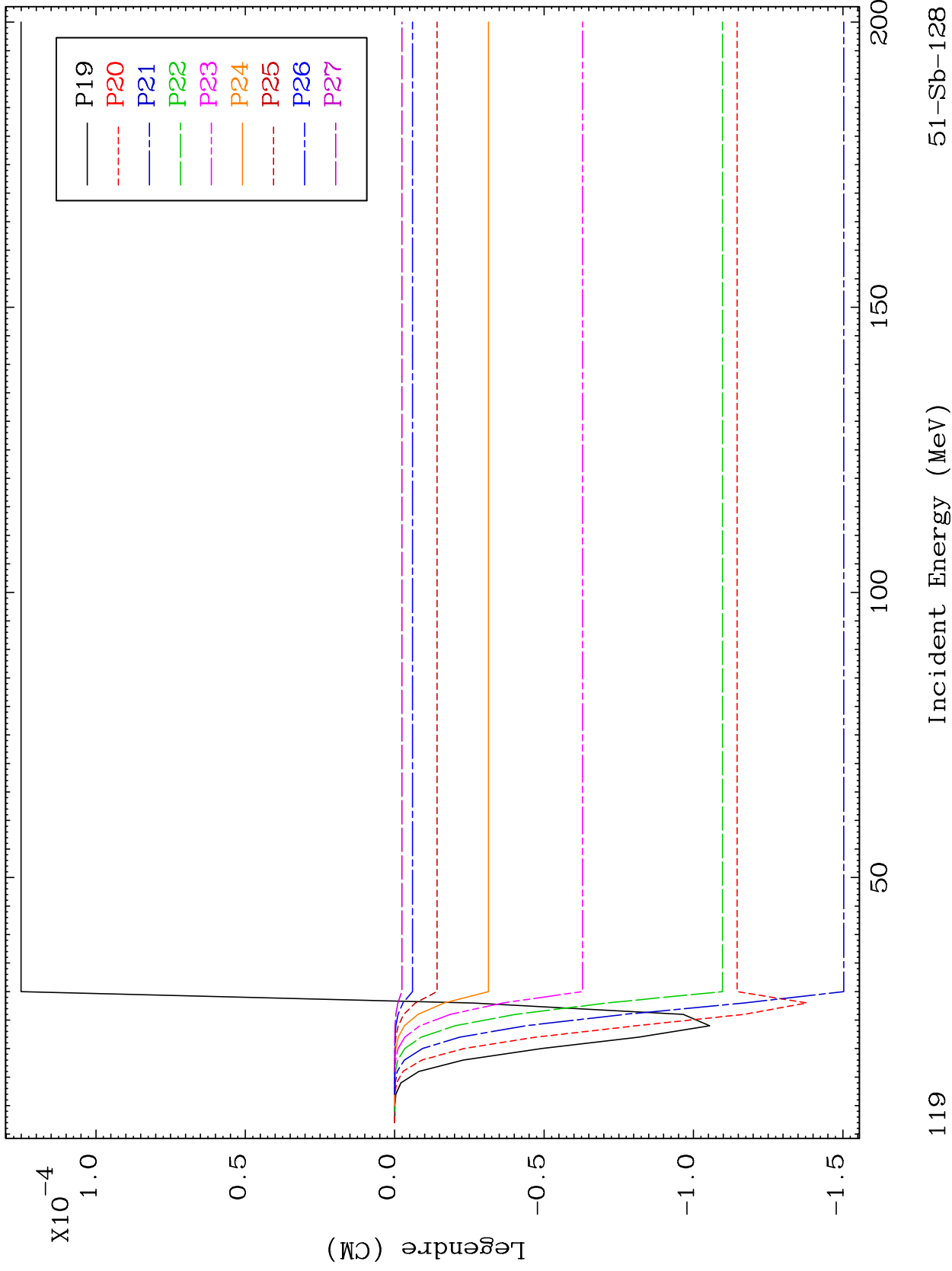
51-Sb-128



51-Sb-128

Incident Energy (MeV)

118

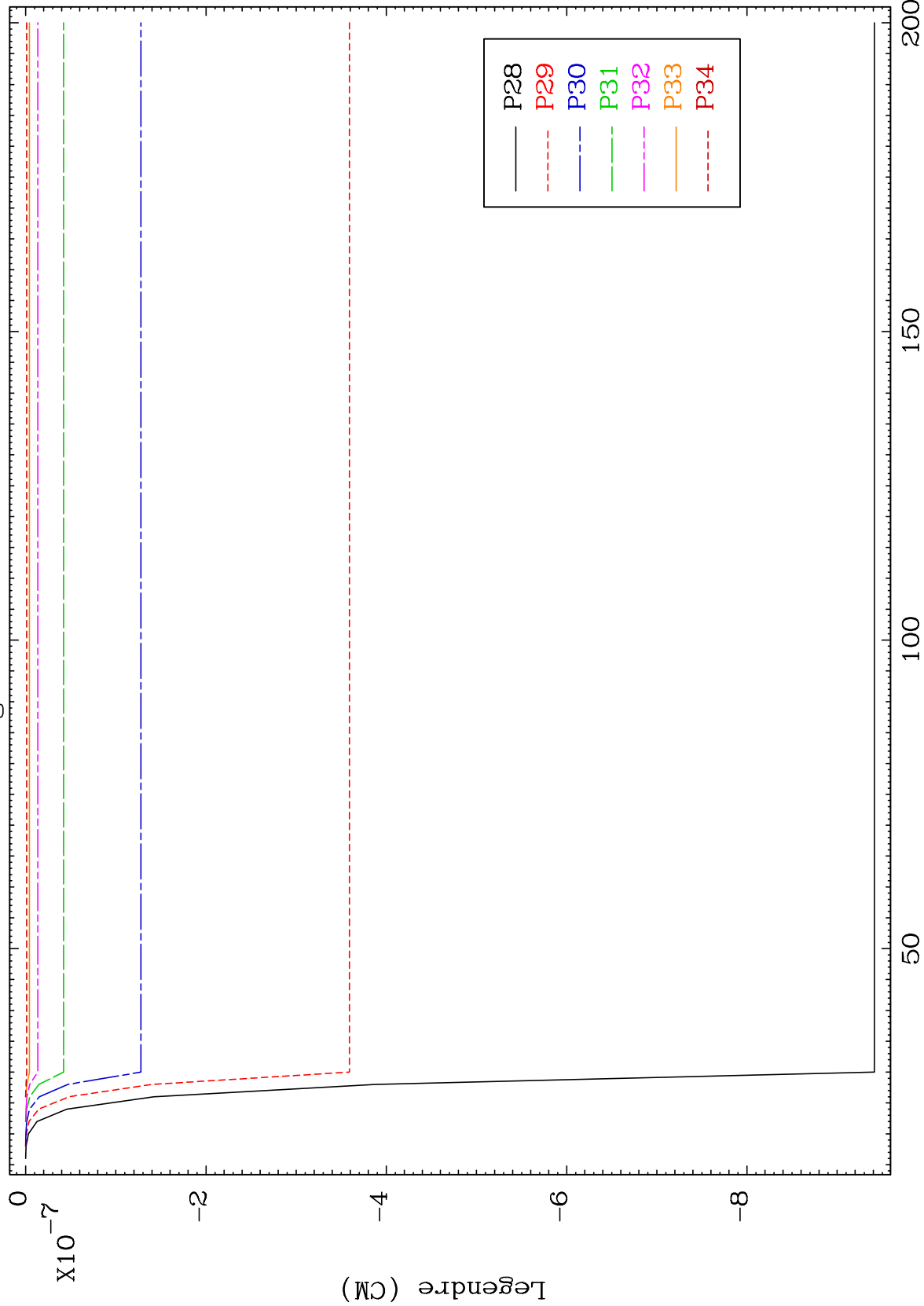


MAT 5146

MT= 79 (n,n') Level

51-Sb-128

Legendre Coefficients



120

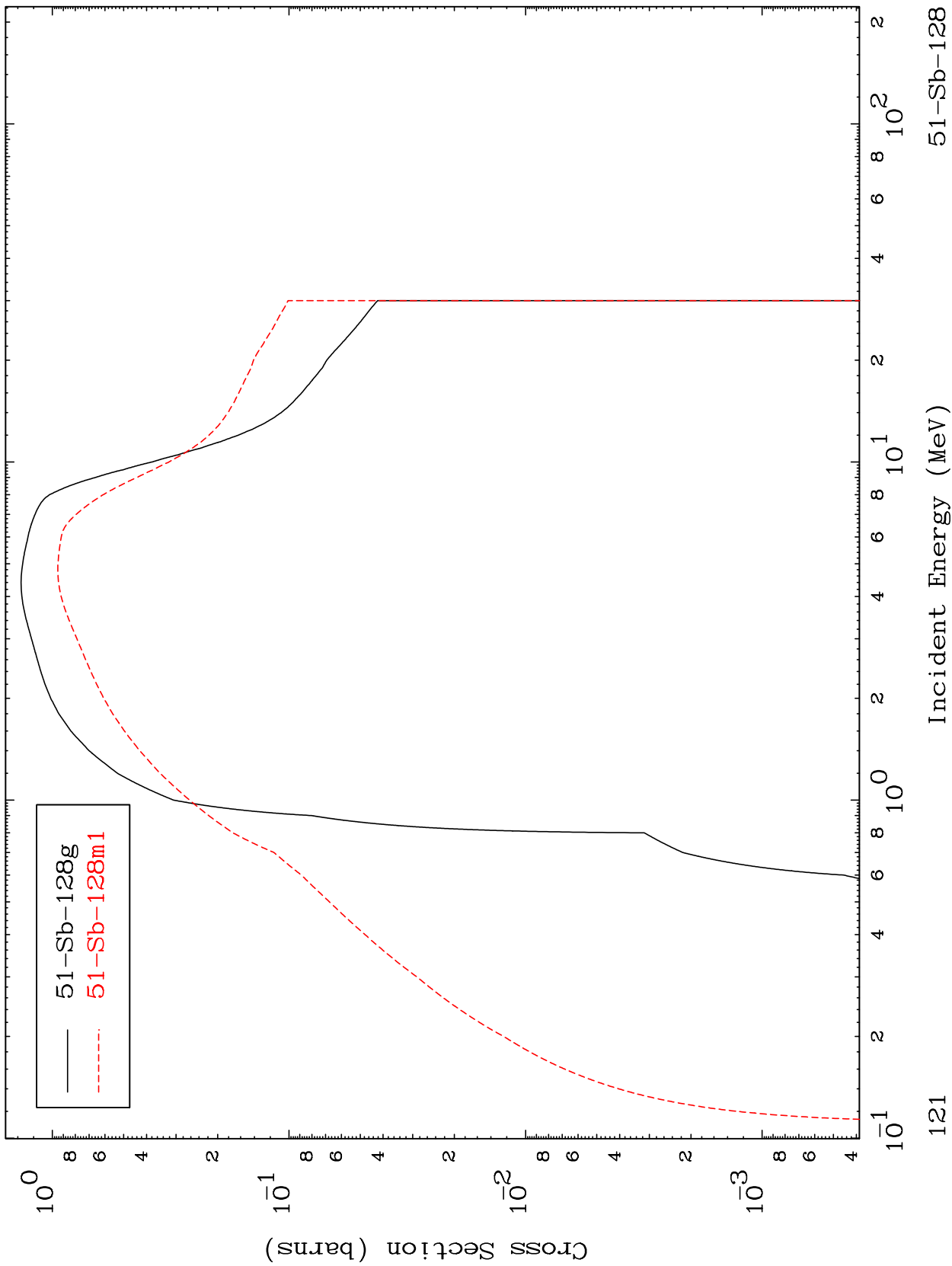
Incident Energy (MeV)

51-Sb-128

MAT 5146

51-Sb-128

Radionuclide Production Cross Section



51-Sb-128

Incident Energy (MeV)

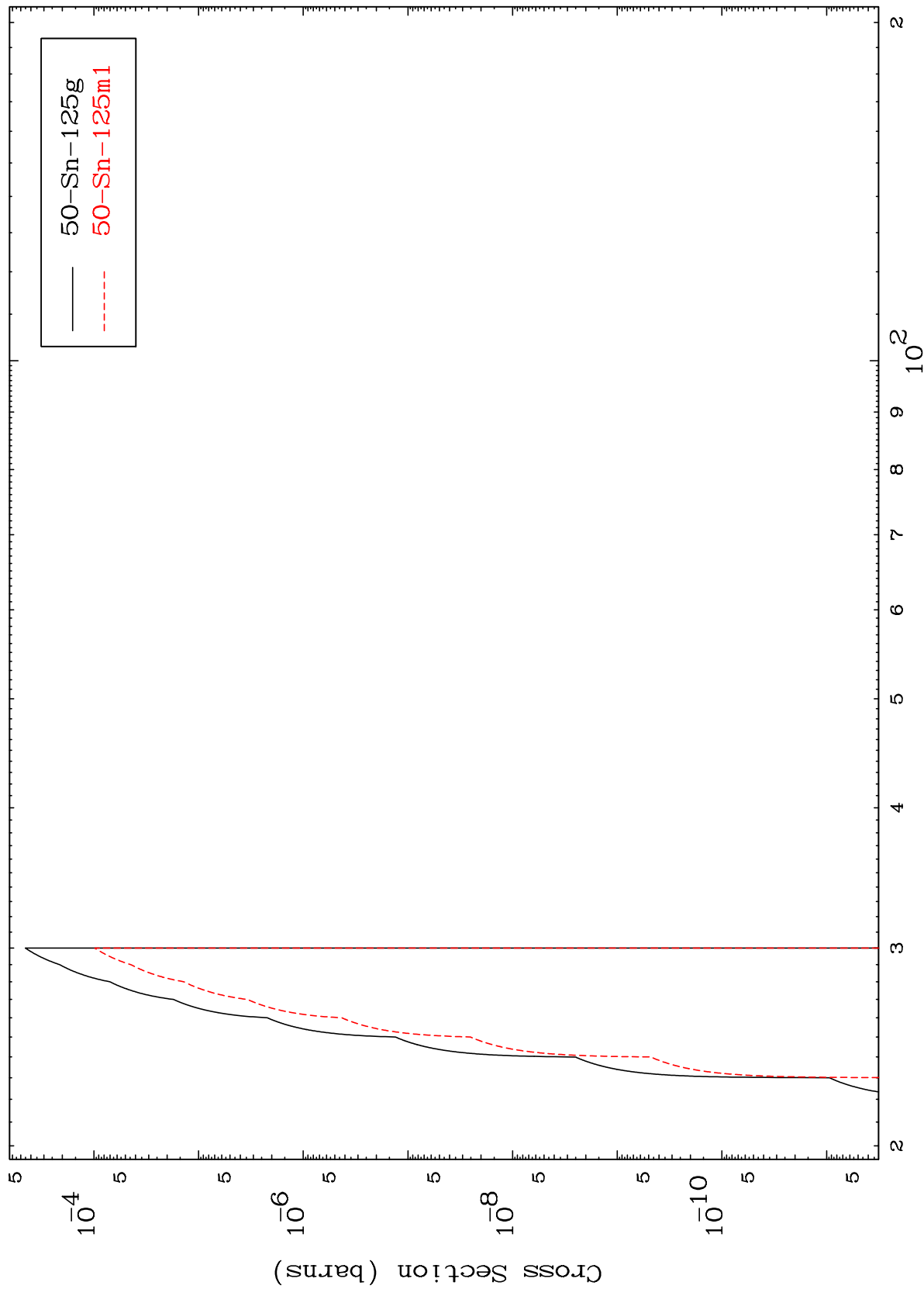
121

MAT 5146

(n,2n) d

51-Sb-128

Radionuclide Production Cross Section



50-Sn-125g
50-Sn-125m1

122

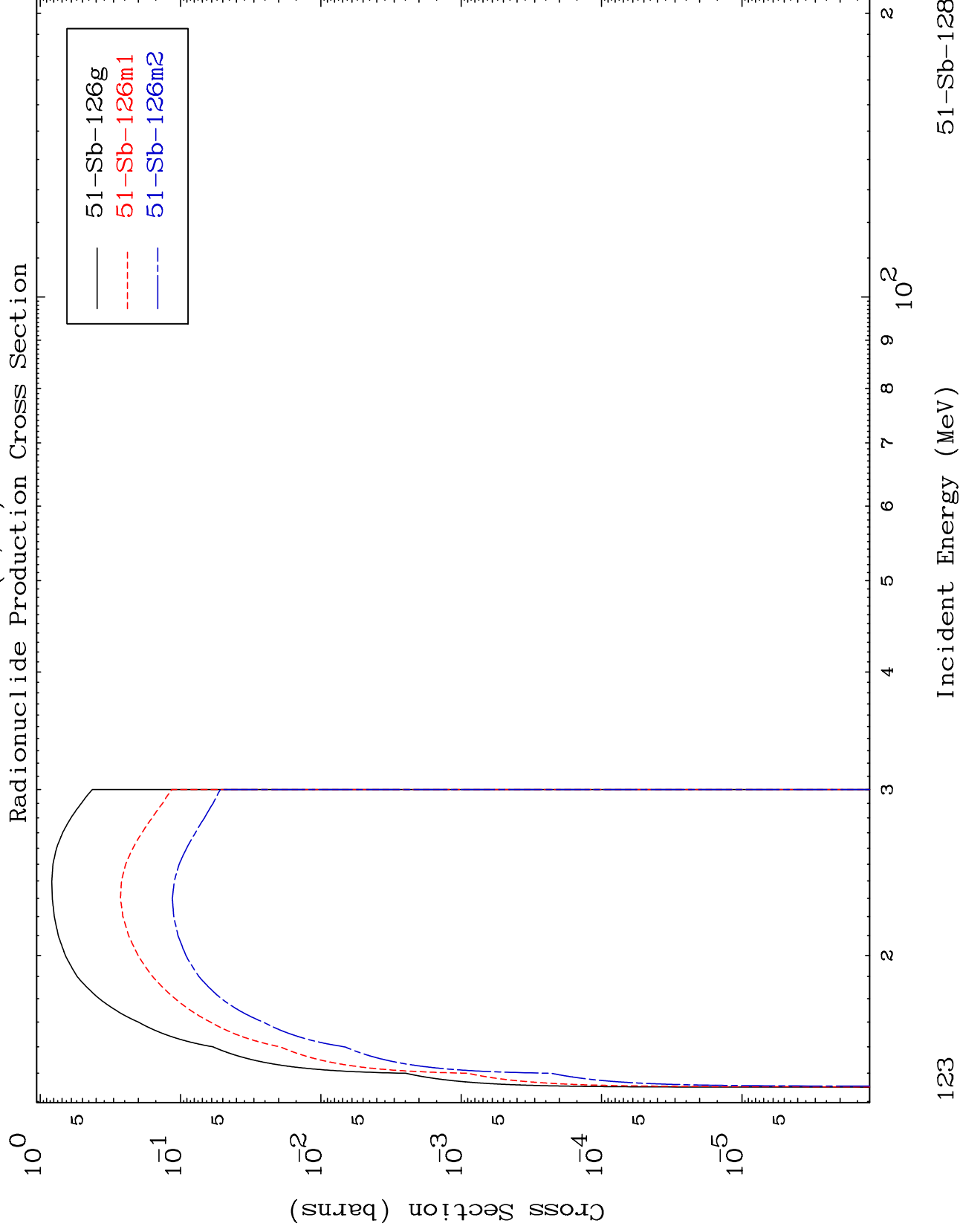
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n,3n)

51-Sb-128



123

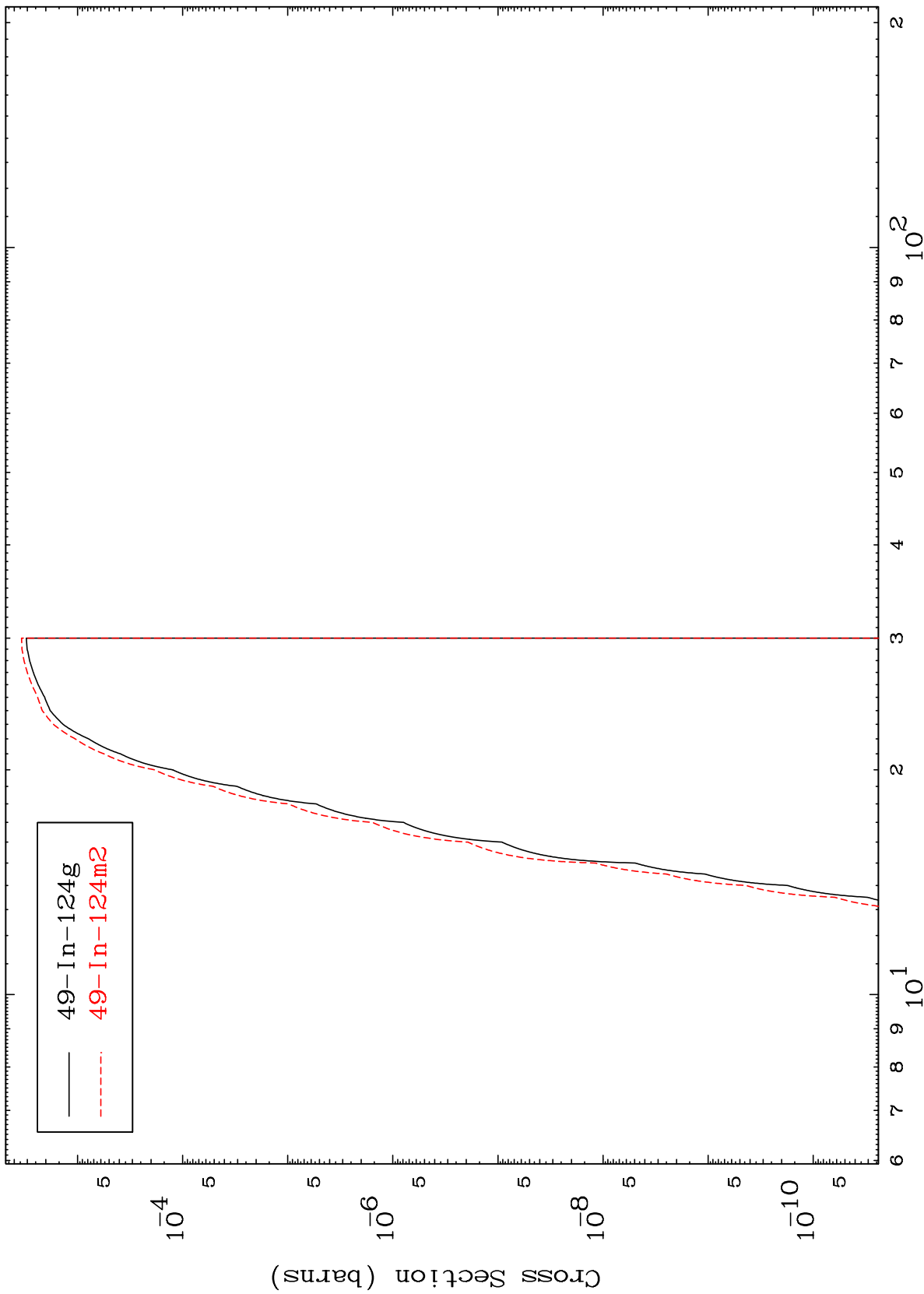
51-Sb-128

MAT 5146

51-Sb-128

(n,n') α

Radionuclide Production Cross Section

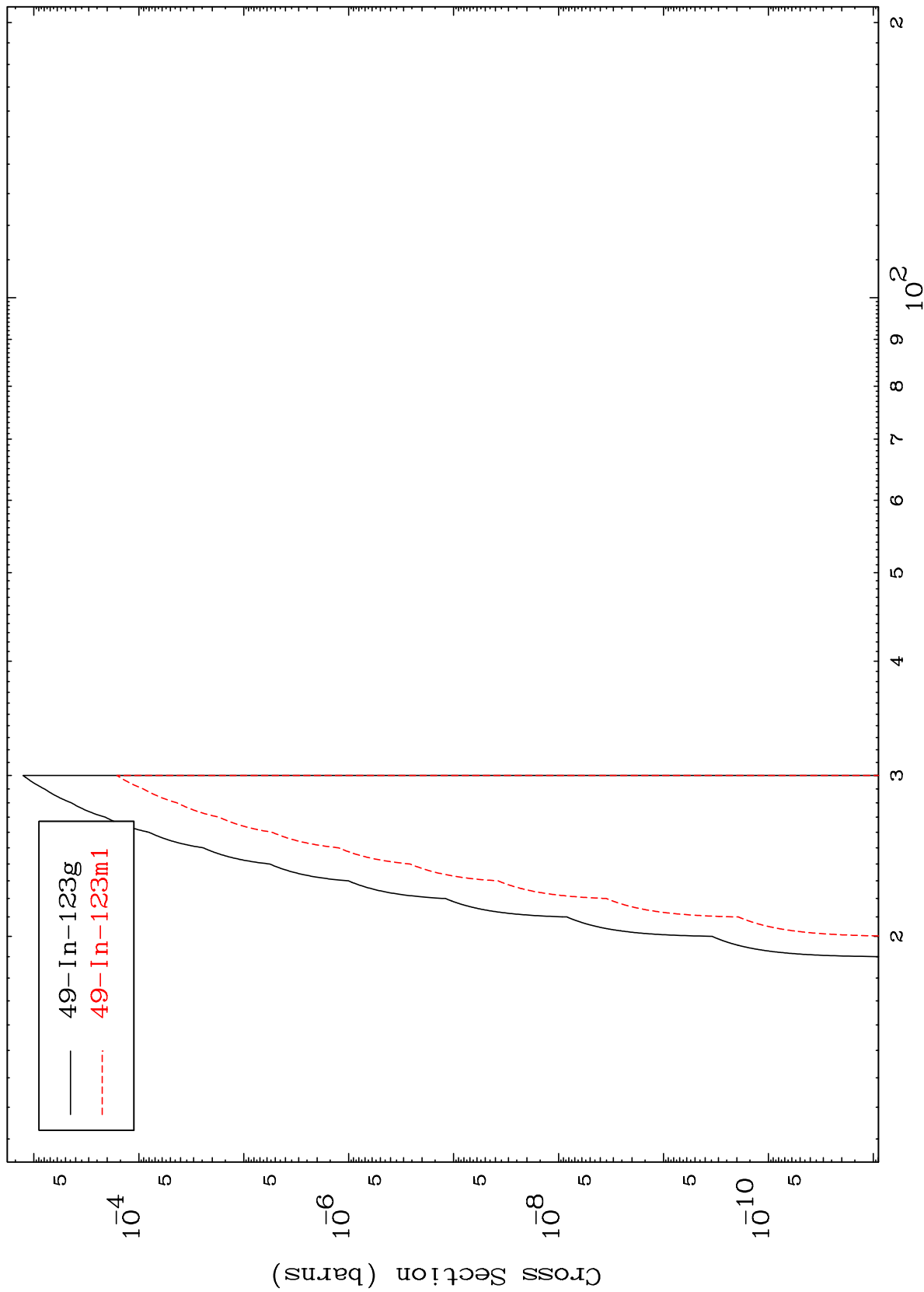


124

Incident Energy (MeV)

51-Sb-128

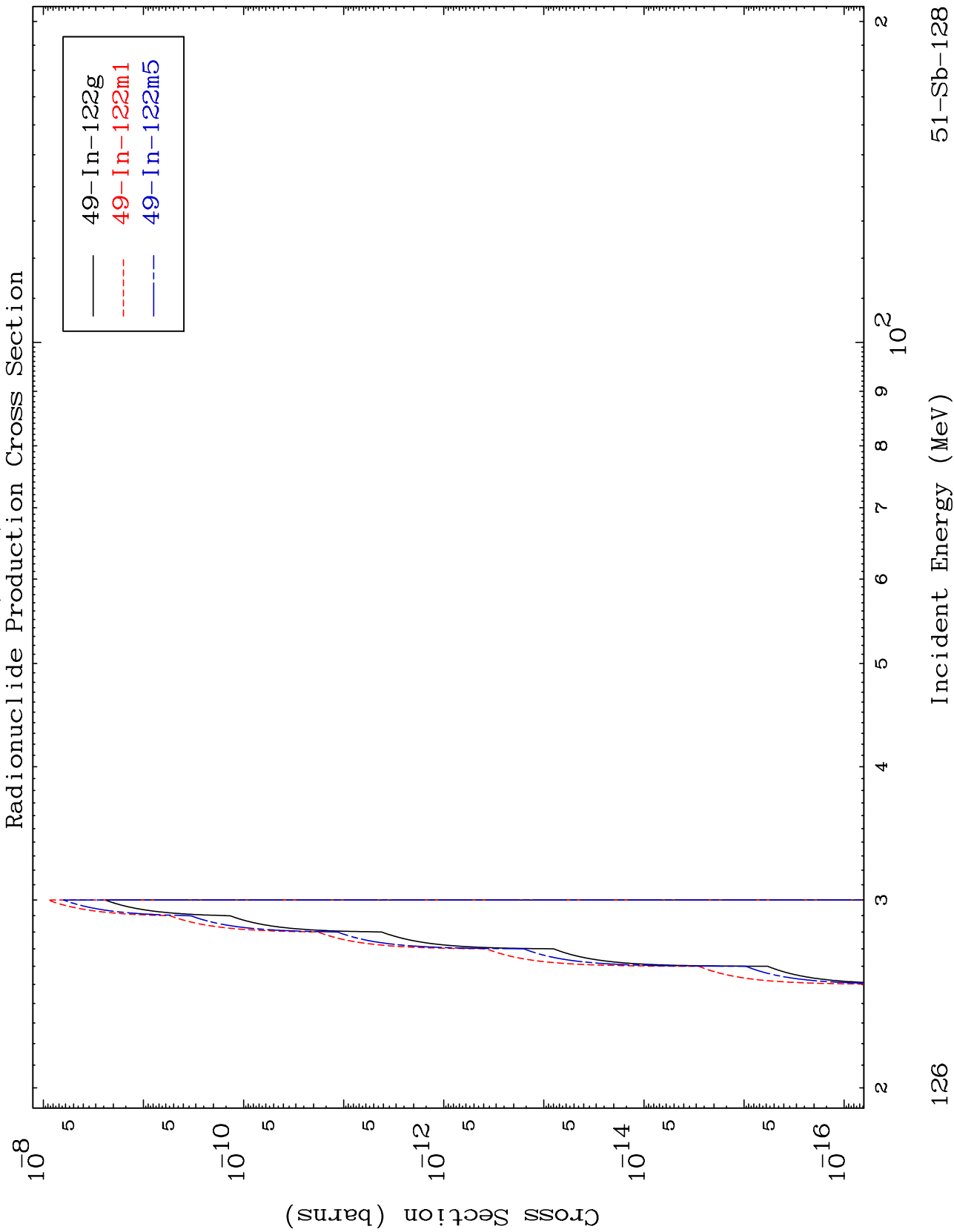
Radionuclide Production Cross Section



MAT 5146

(n,3n) α

51-Sb-128



126

Incident Energy (MeV)

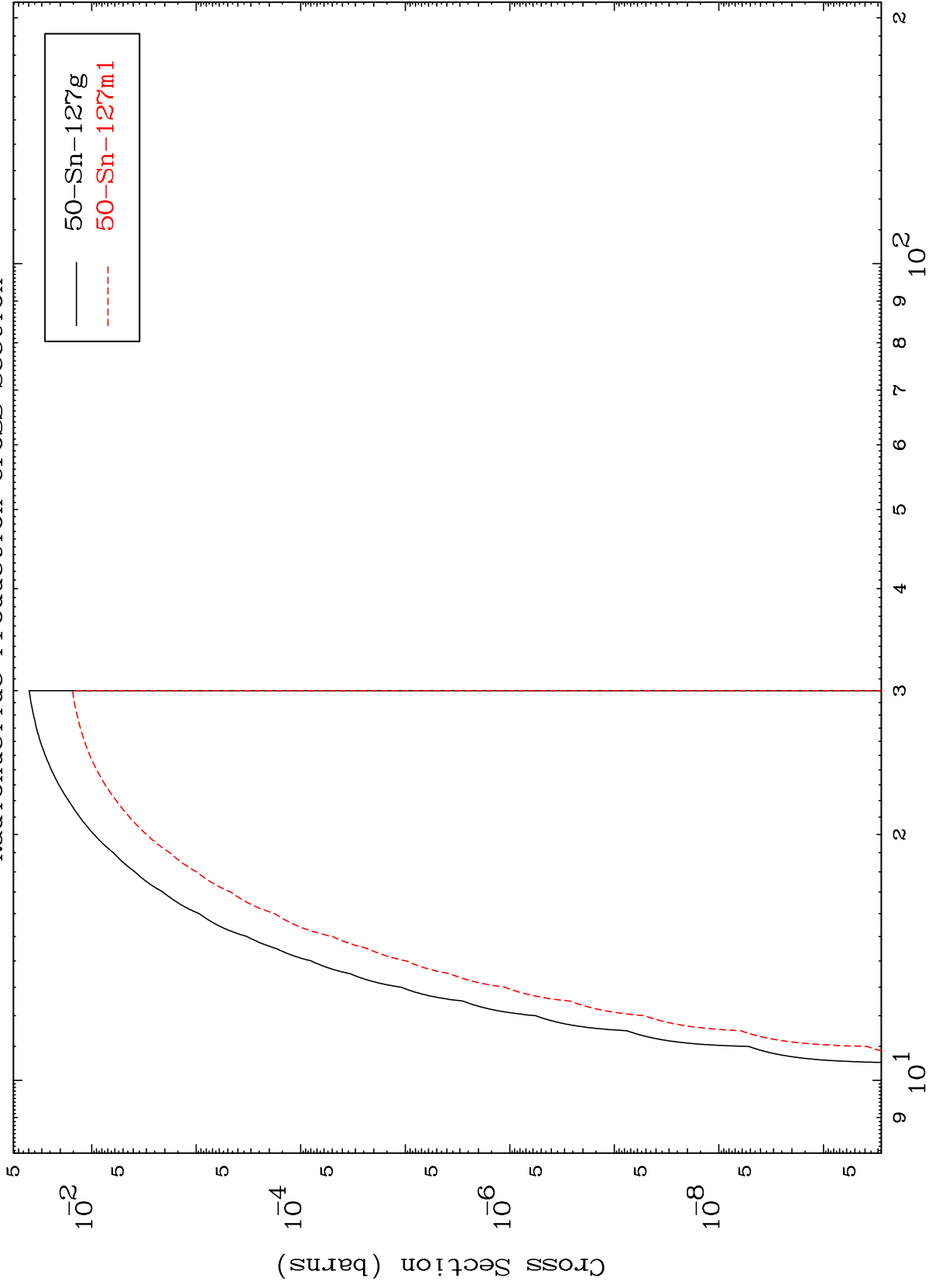
51-Sb-128

MAT 5146

(n,n') p

51-Sb-128

Radionuclide Production Cross Section



127

Incident Energy (MeV)

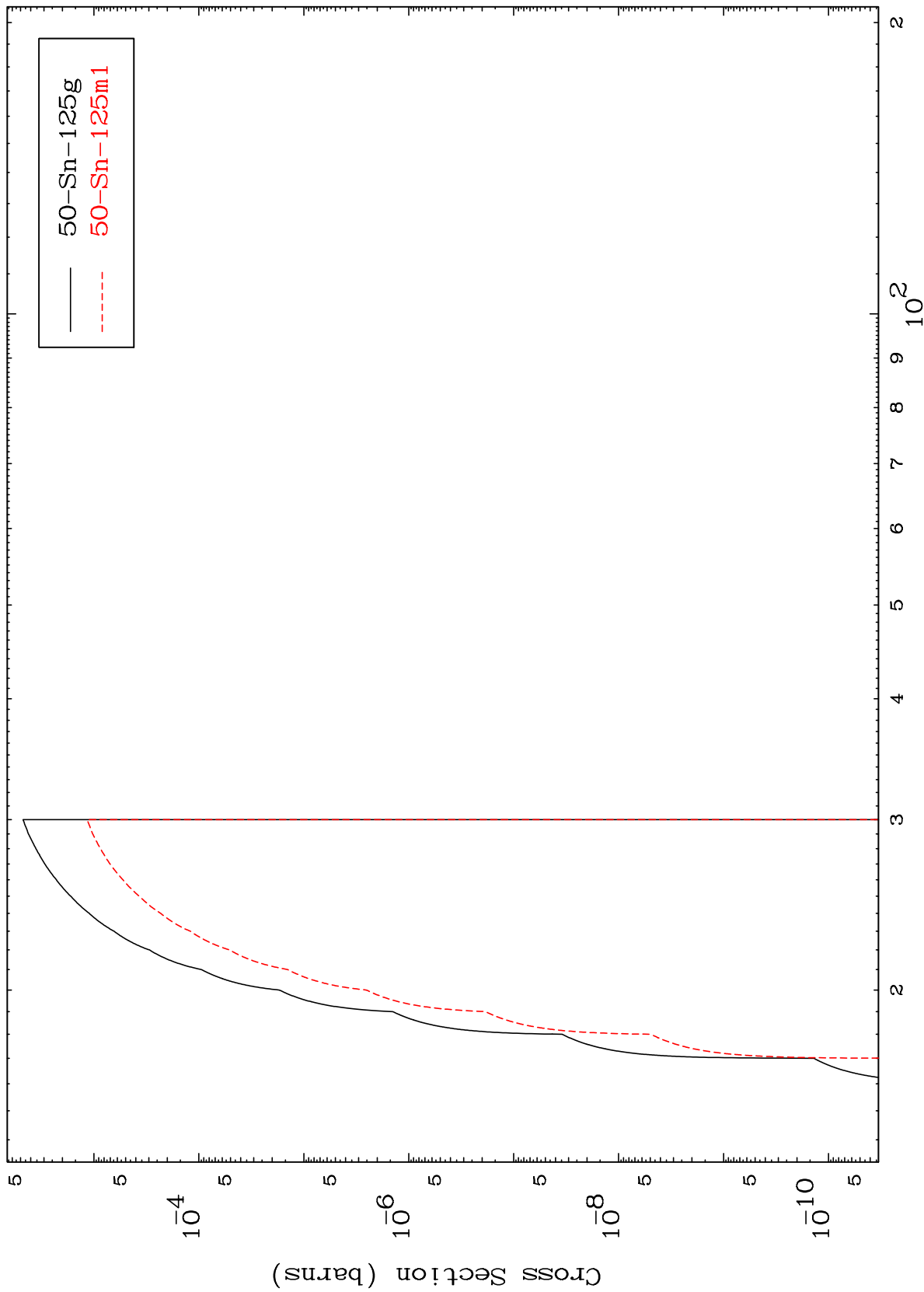
51-Sb-128

MAT 5146

(n,n') t

51-Sb-128

Radionuclide Production Cross Section



128

Incident Energy (MeV)

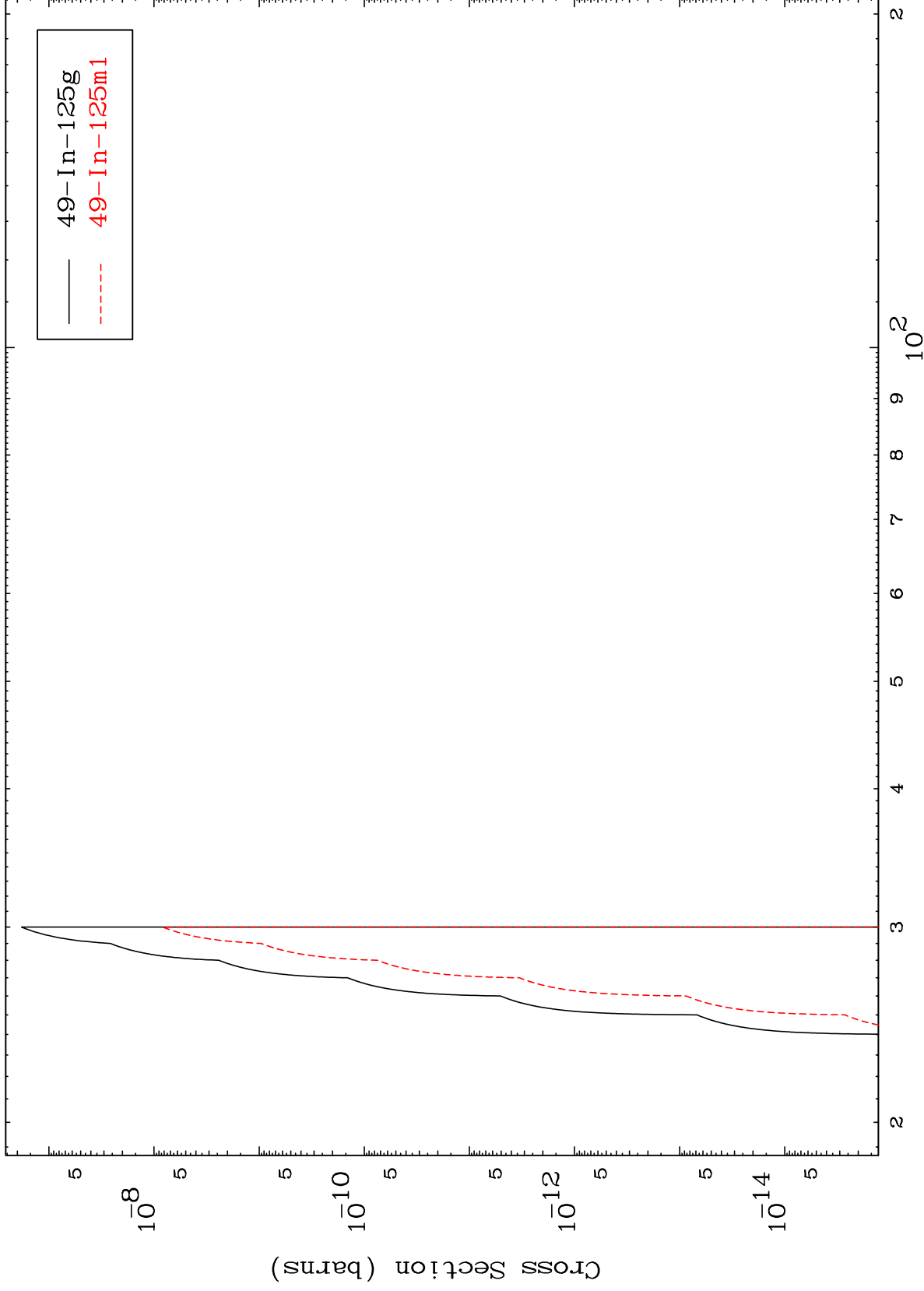
51-Sb-128

MAT 5146

(n,n') He-3

51-Sb-128

Radionuclide Production Cross Section



129

Incident Energy (MeV)

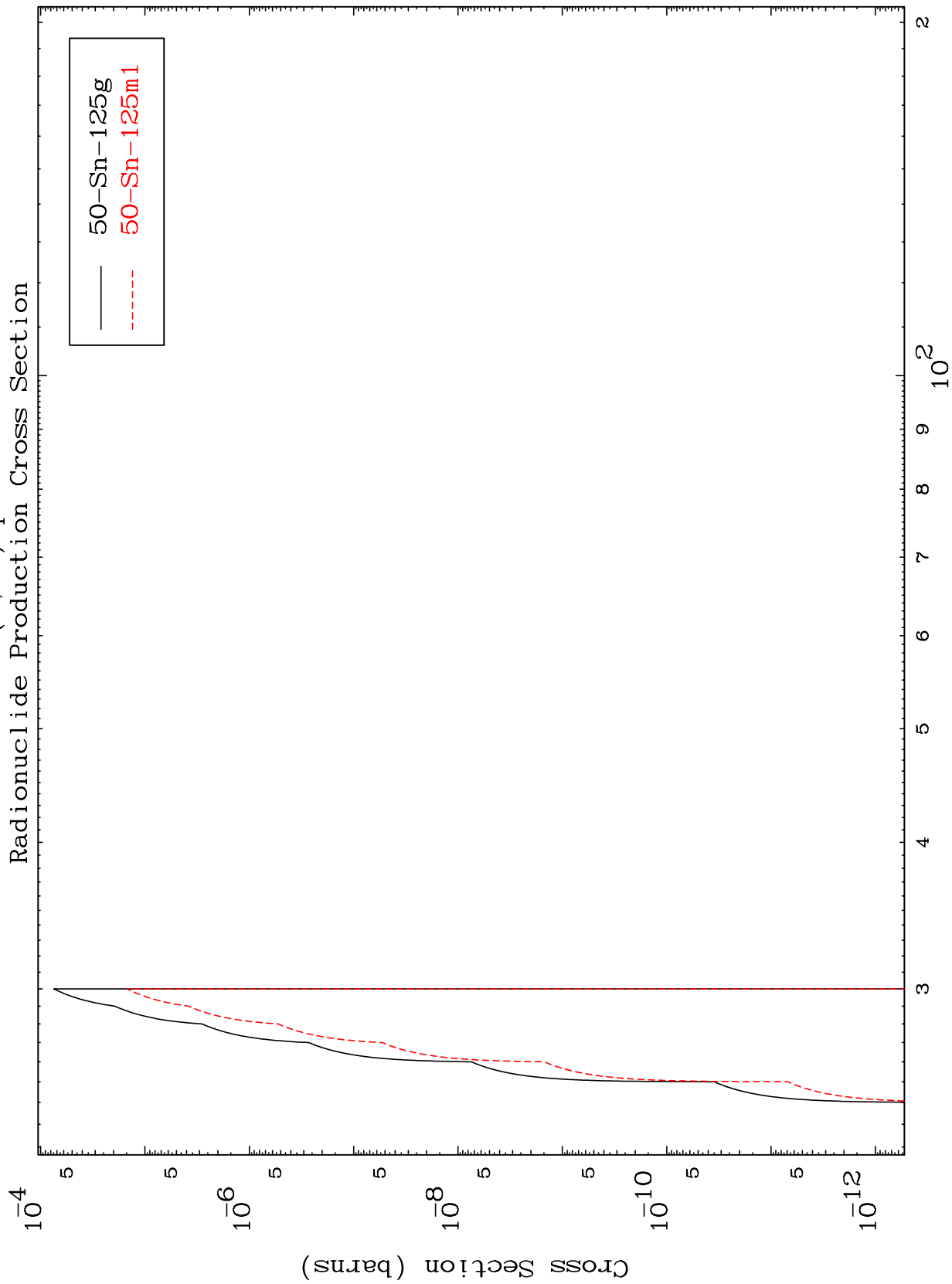
51-Sb-128

MAT 5146

(n,3n) p

51-Sb-128

Radionuclide Production Cross Section



130

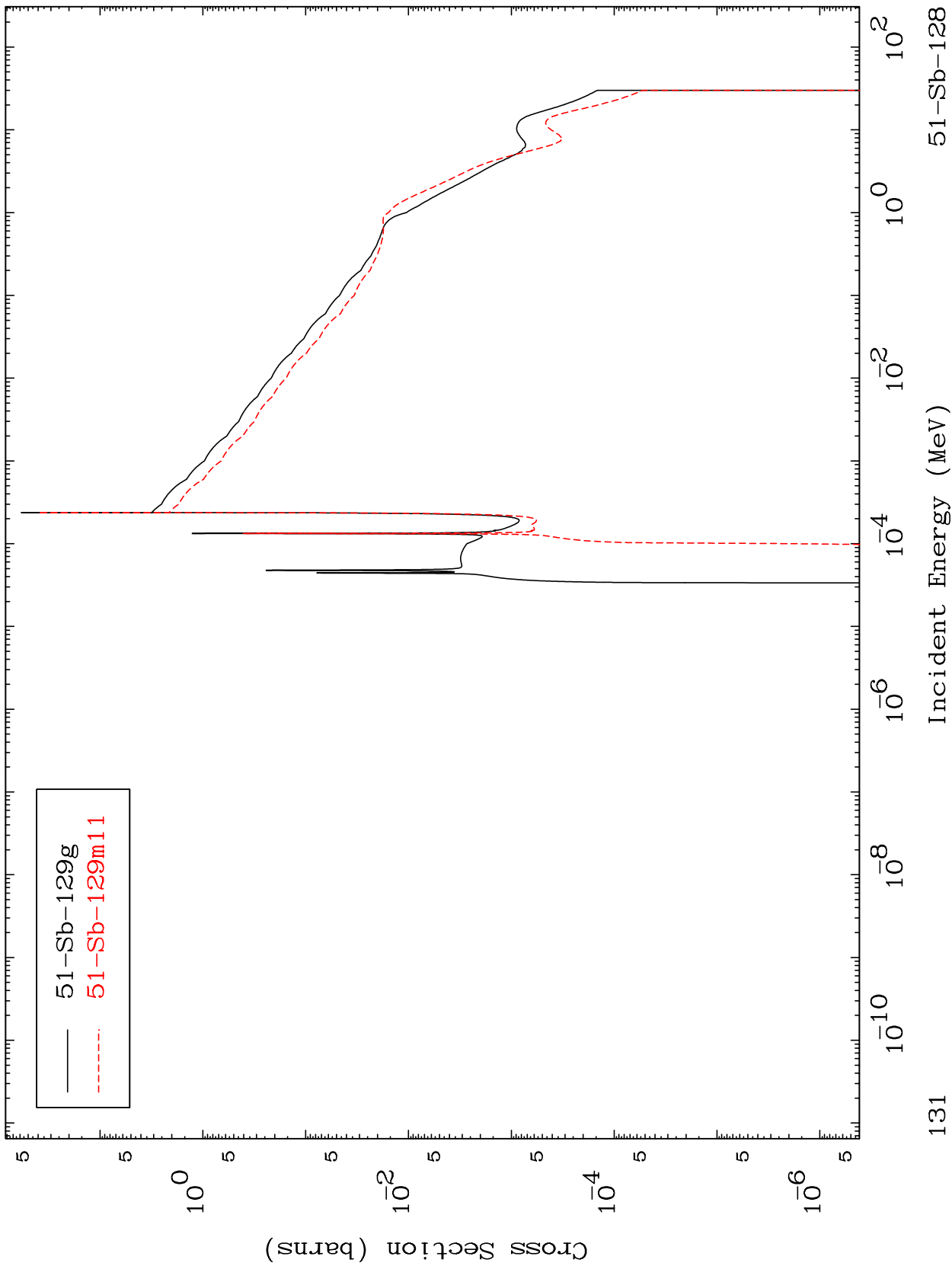
Incident Energy (MeV)

51-Sb-128

MAT 5146

51-Sb-128

(n, γ)
Radionuclide Production Cross Section



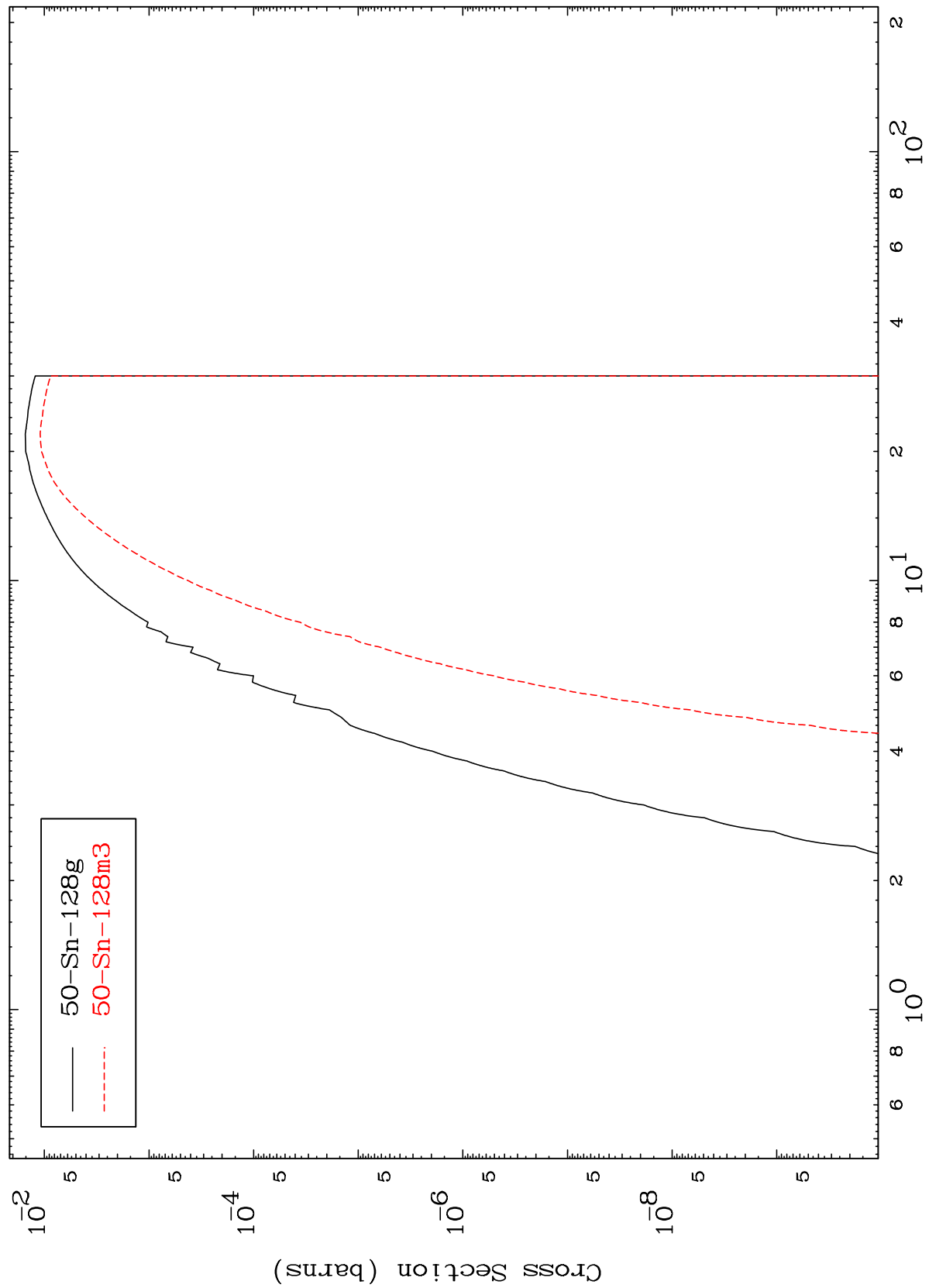
131

51-Sb-128

MAT 5146

51-Sb-128

(n,p)
Radionuclide Production Cross Section



50-Sn-128g
50-Sn-128m3

51-Sb-128

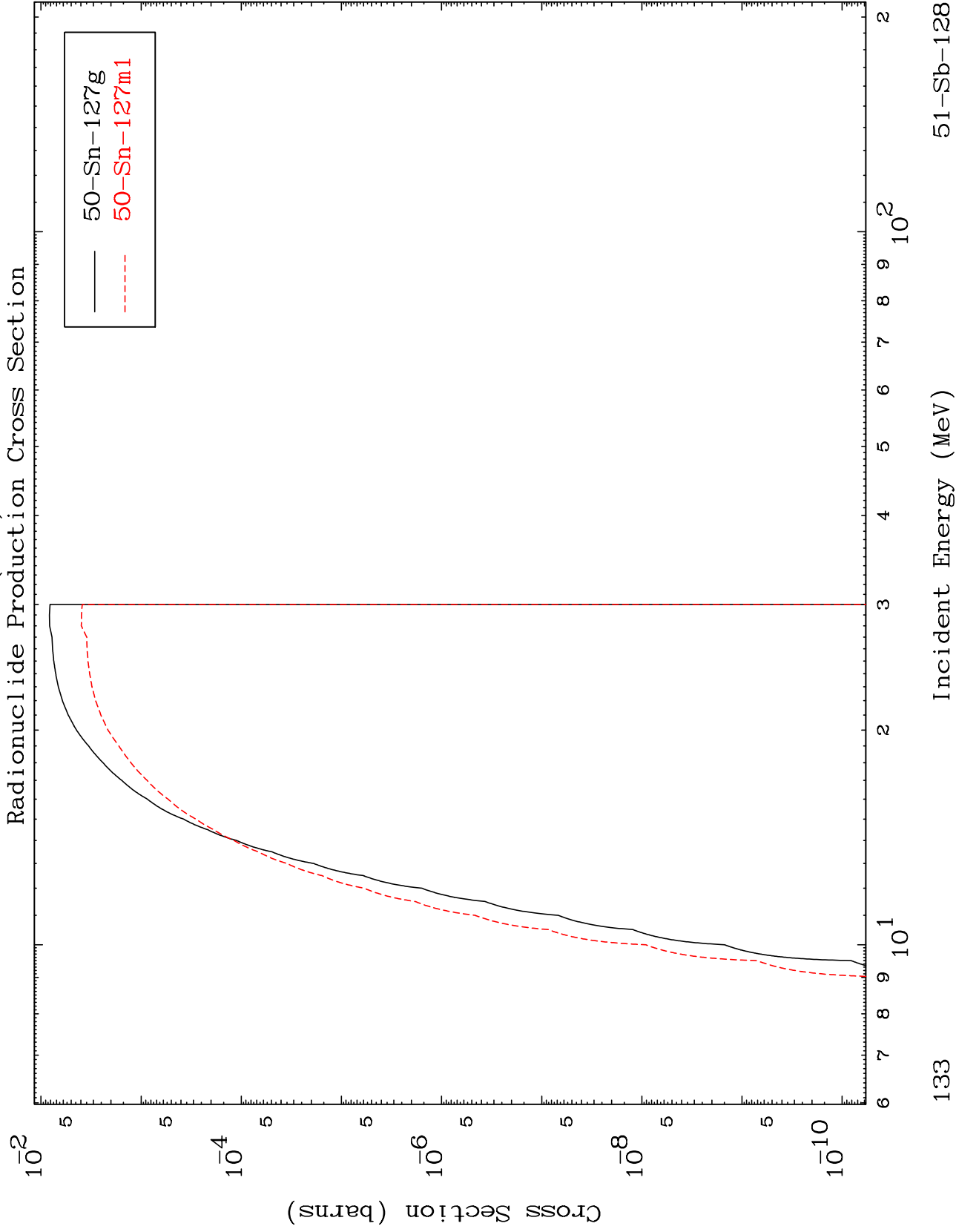
Incident Energy (MeV)

132

MAT 5146

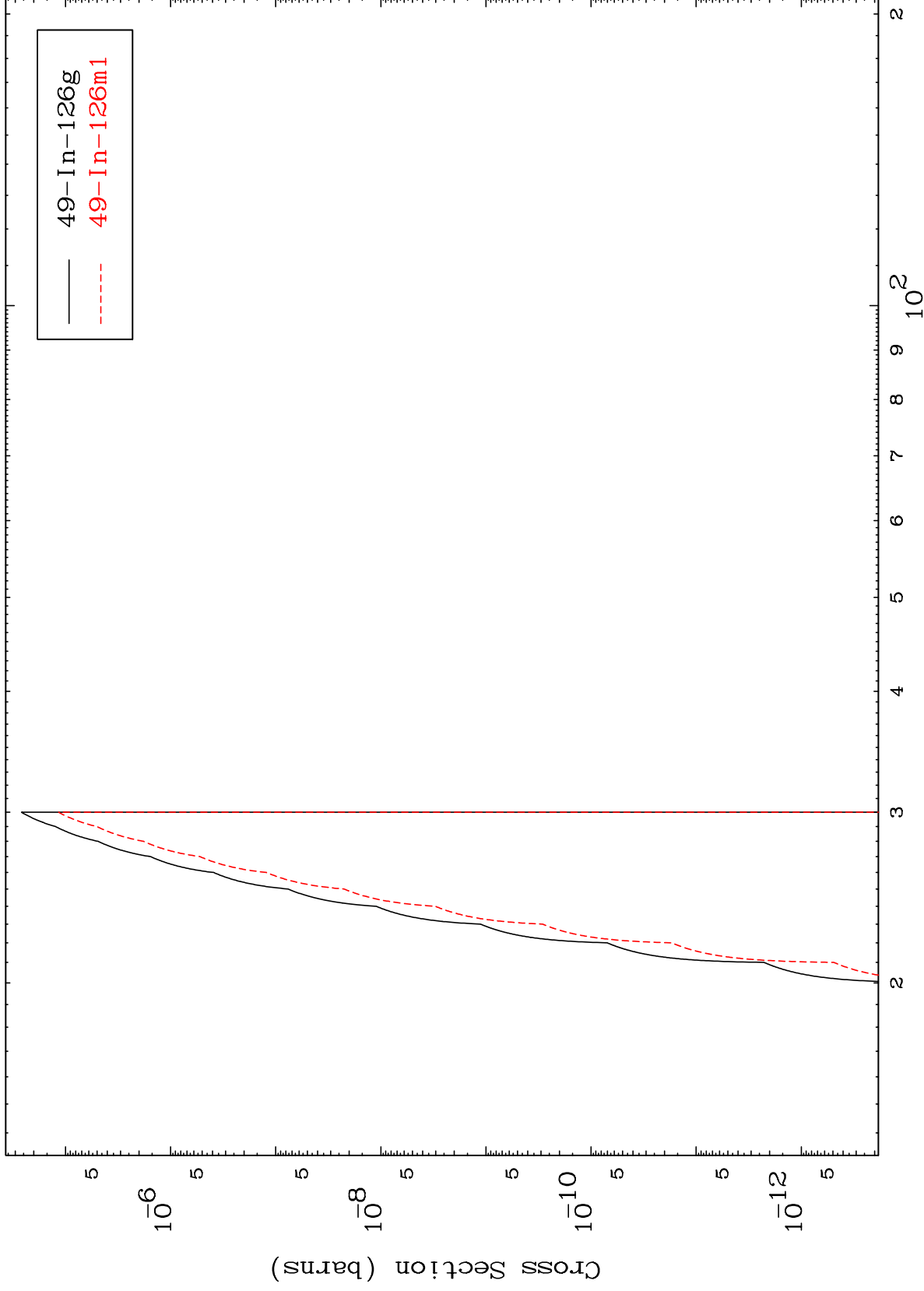
(n,d)

51-Sb-128



133

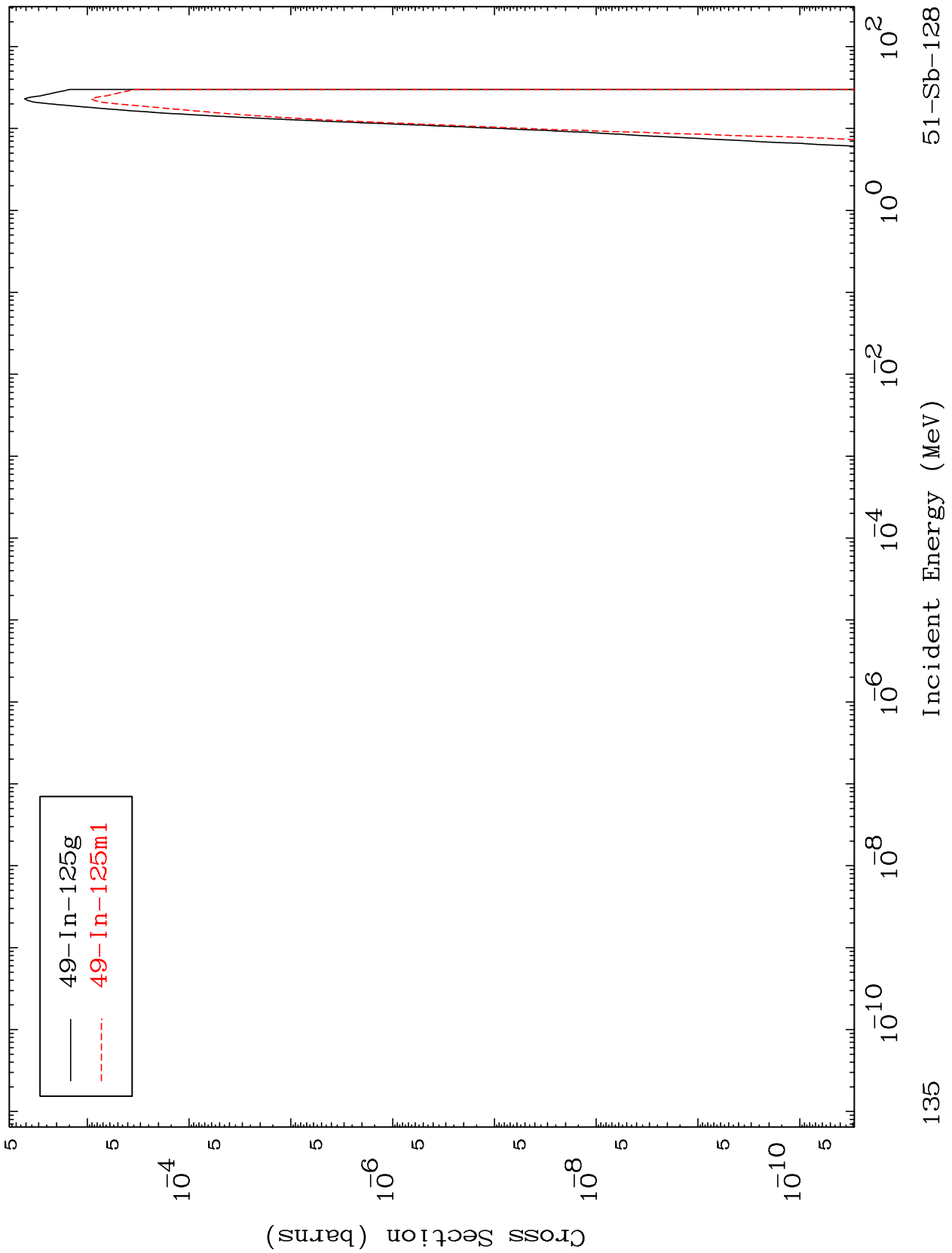
Radionuclide Production Cross Section



MAT 5146

51-Sb-128

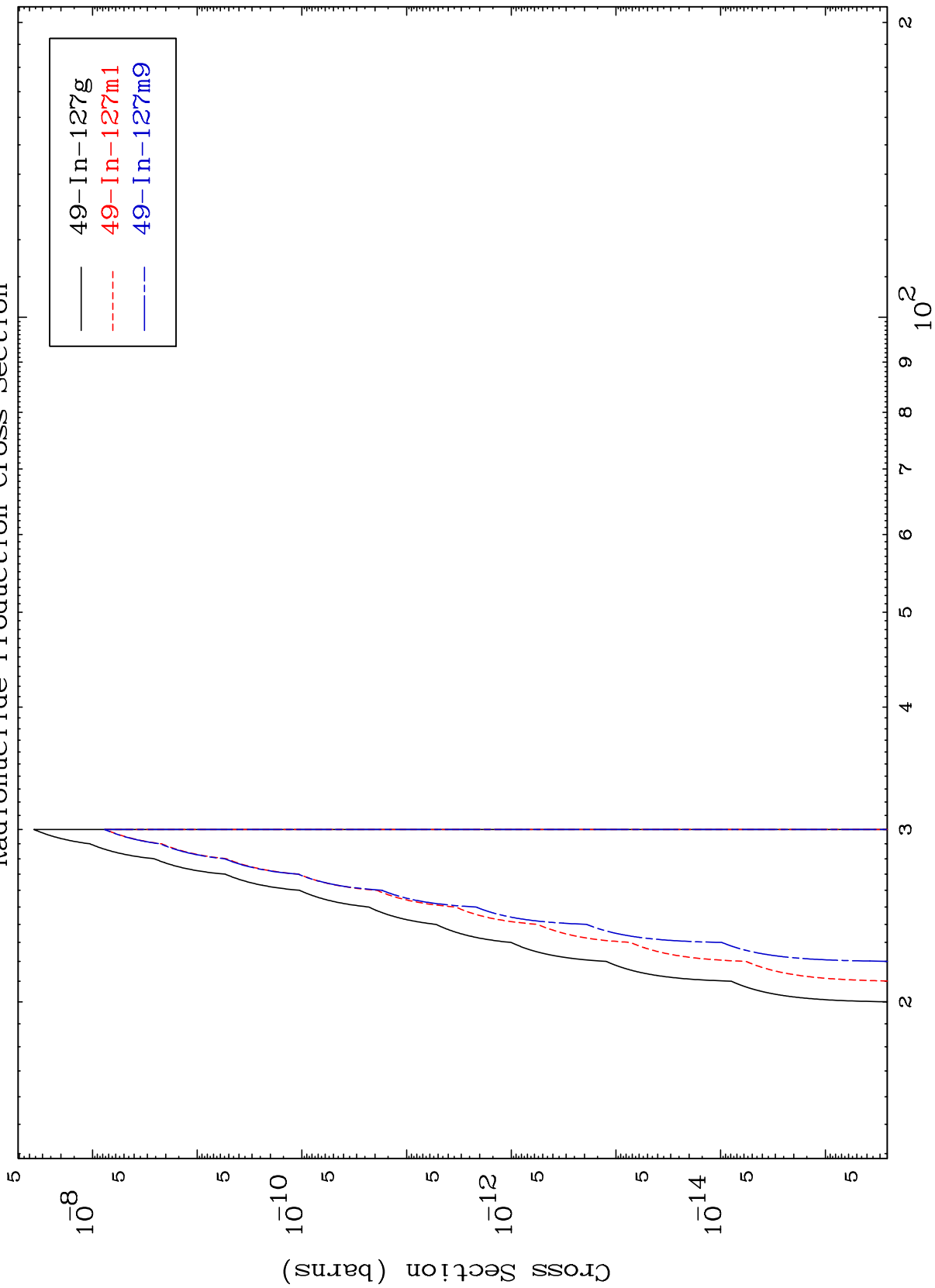
Radionuclide Production Cross Section



MAT 5146

51-Sb-128

(n,2p)
Radionuclide Production Cross Section



136

51-Sb-128

Incident Energy (MeV)