

Program EVALPLOT
(Version 2021-1)

by

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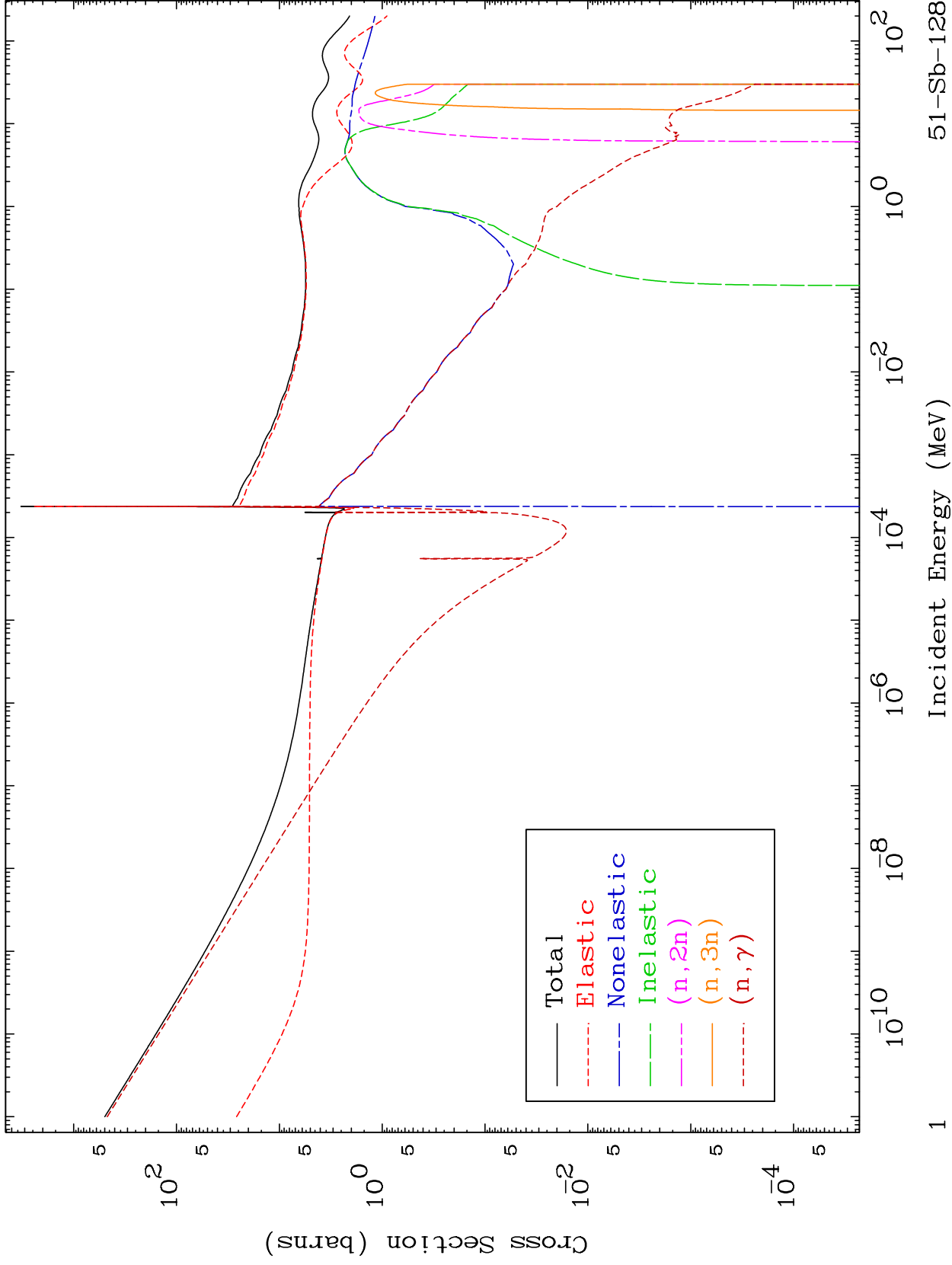
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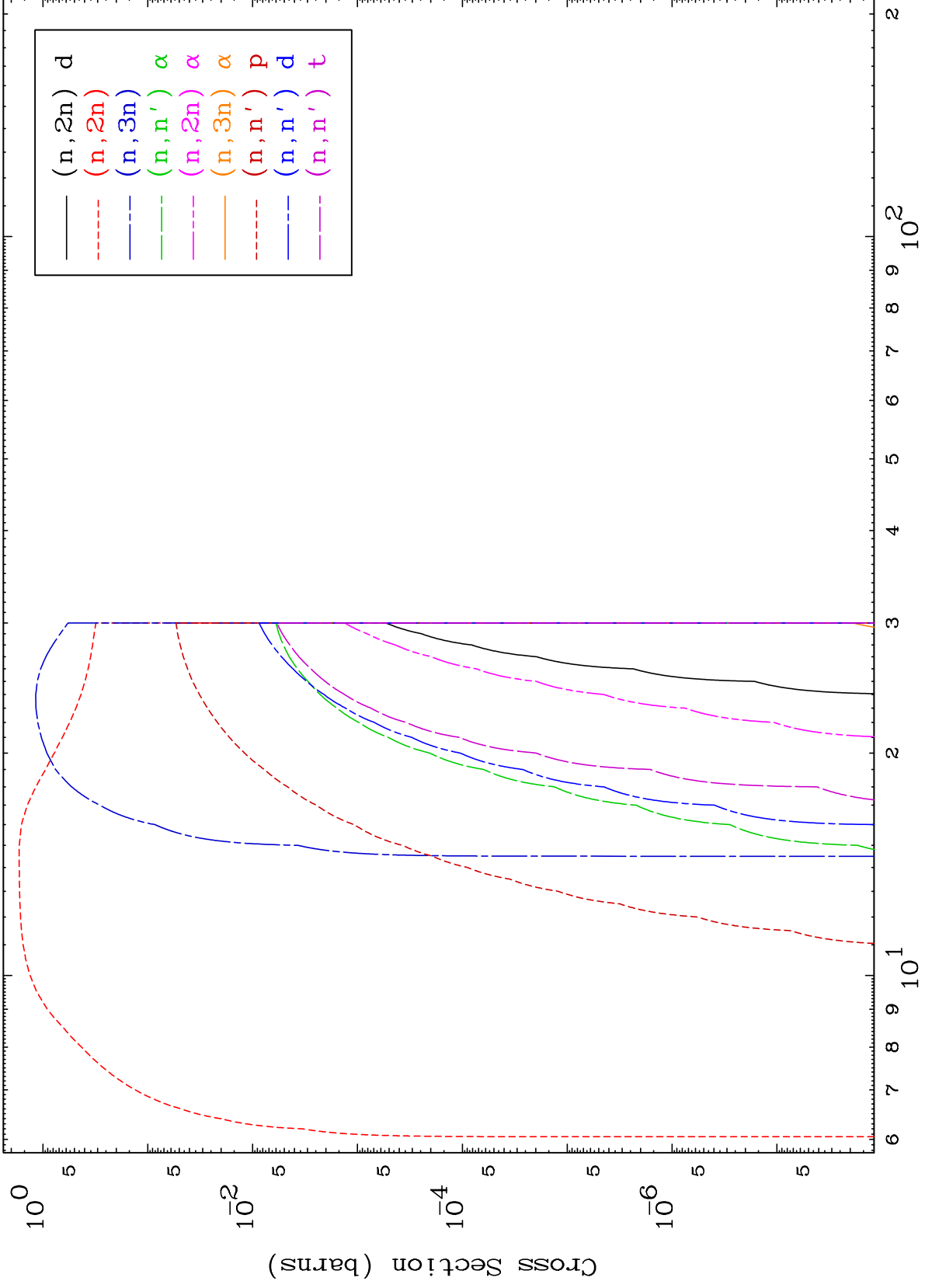
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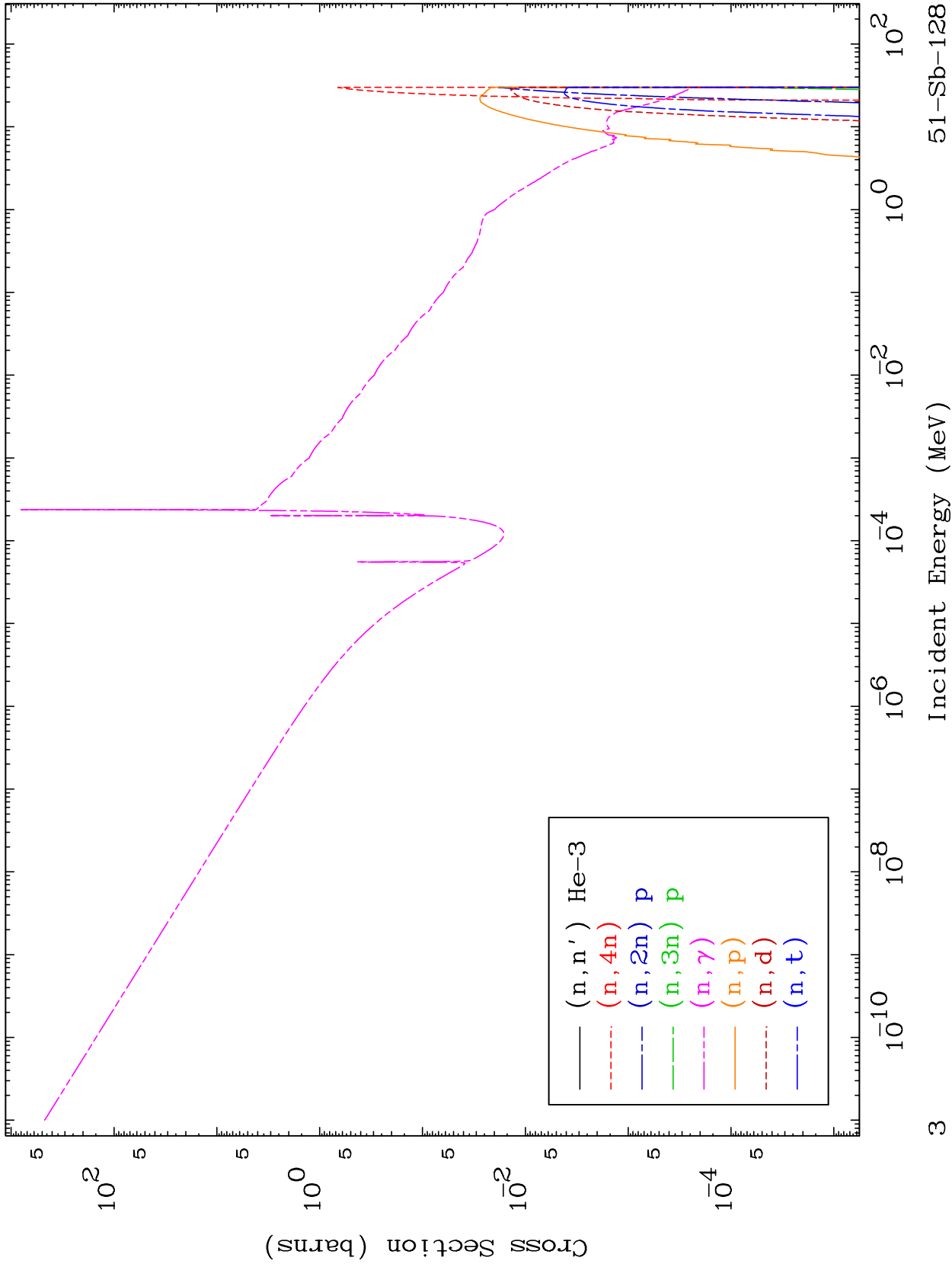
MAT 5146

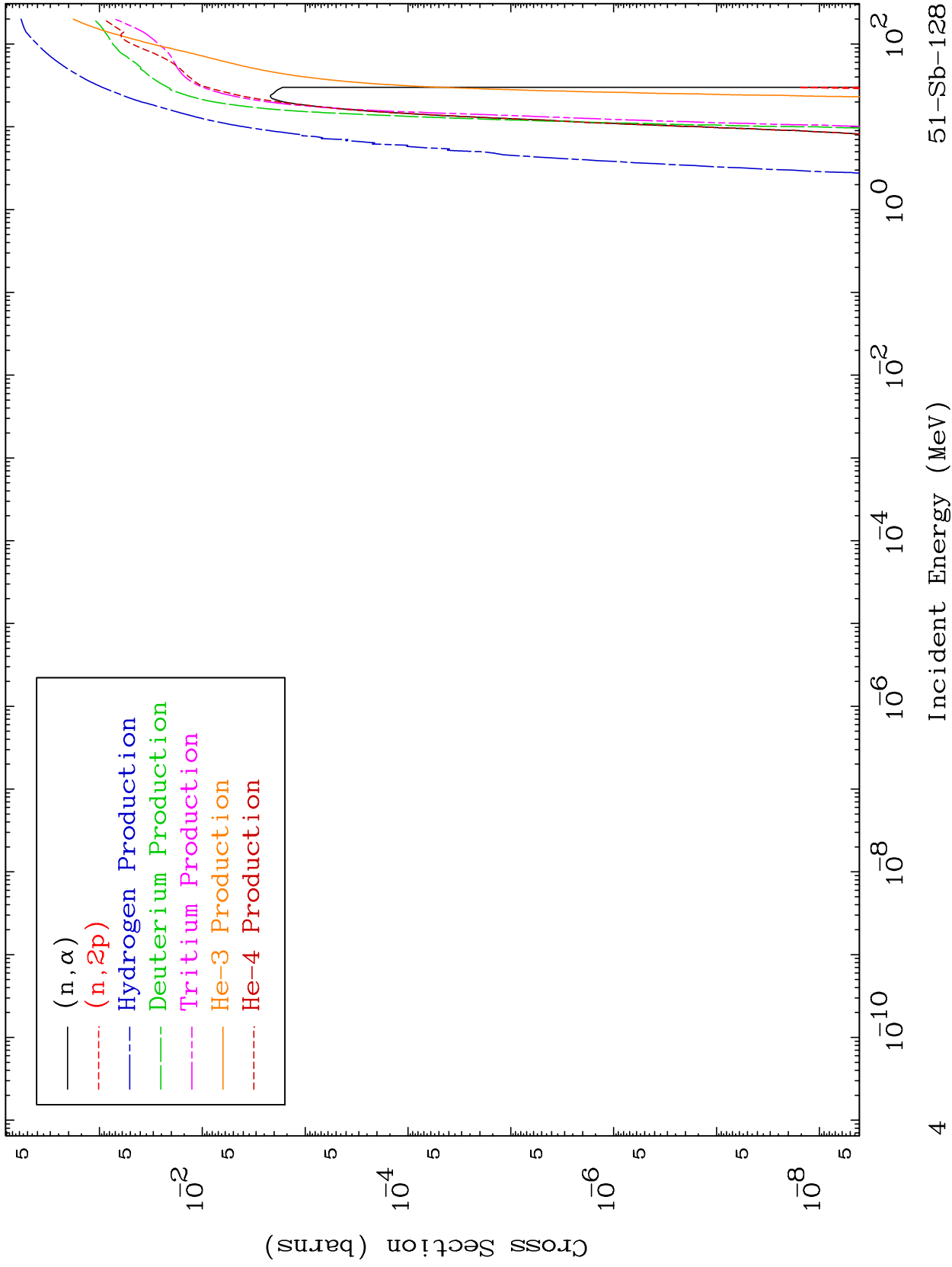
Neutron Major
293 Kelvin Cross Sections

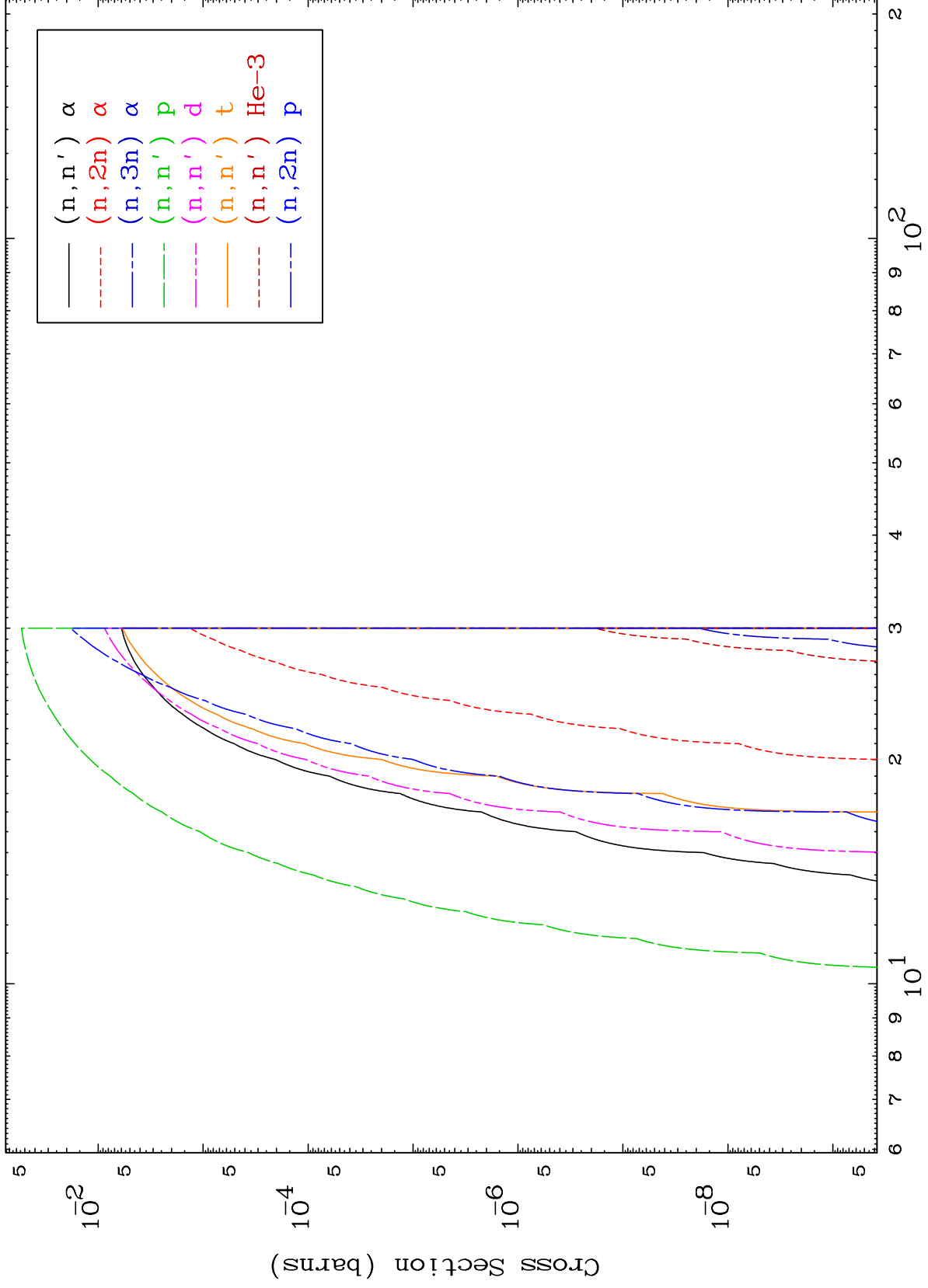
51-Sb-128







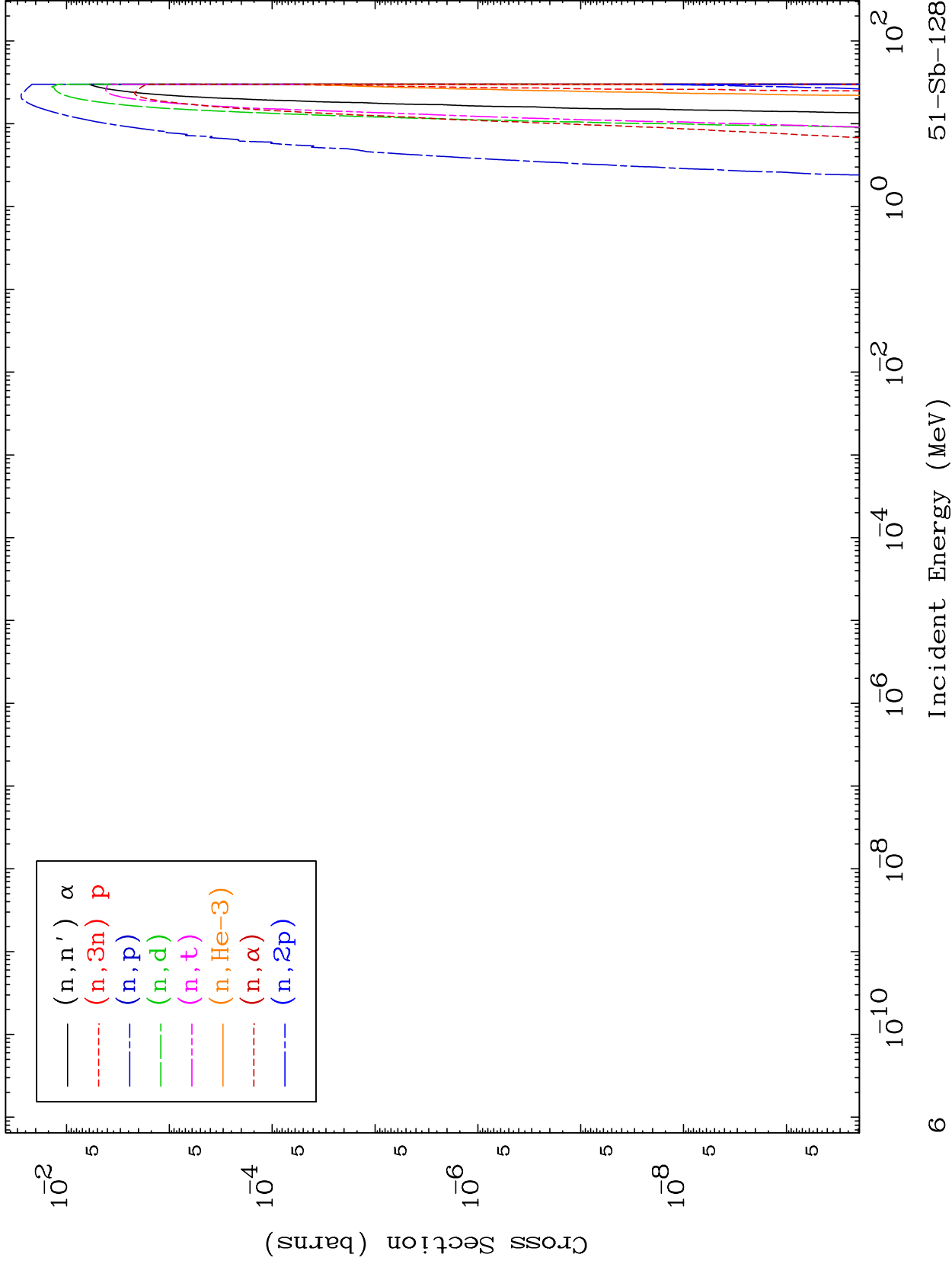




MAT 5146

Charged Particle
293 Kelvin Cross Sections

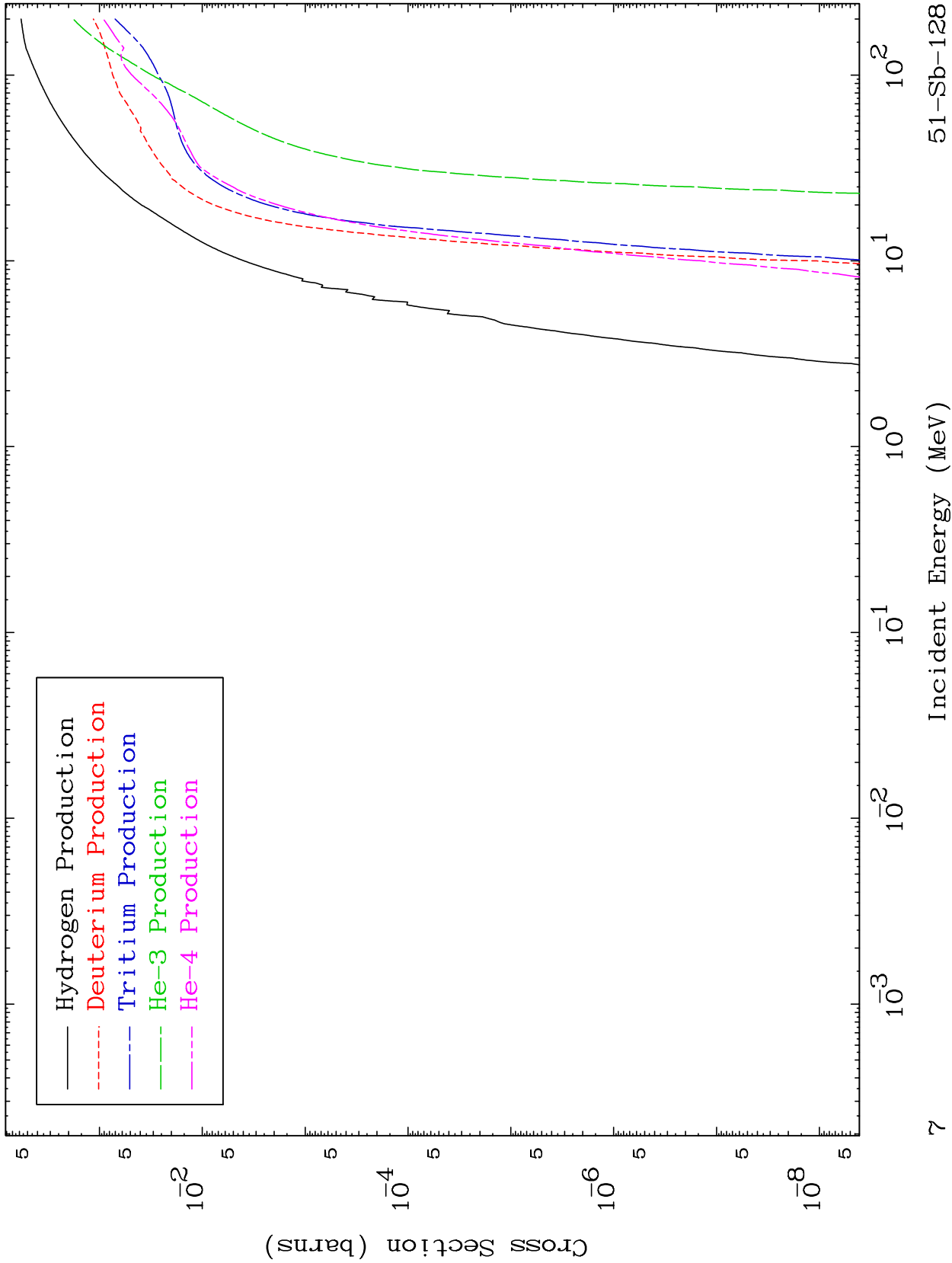
51-Sb-128



MAT 5146

Particle Production
293 Kelvin Cross Sections

51-Sb-128

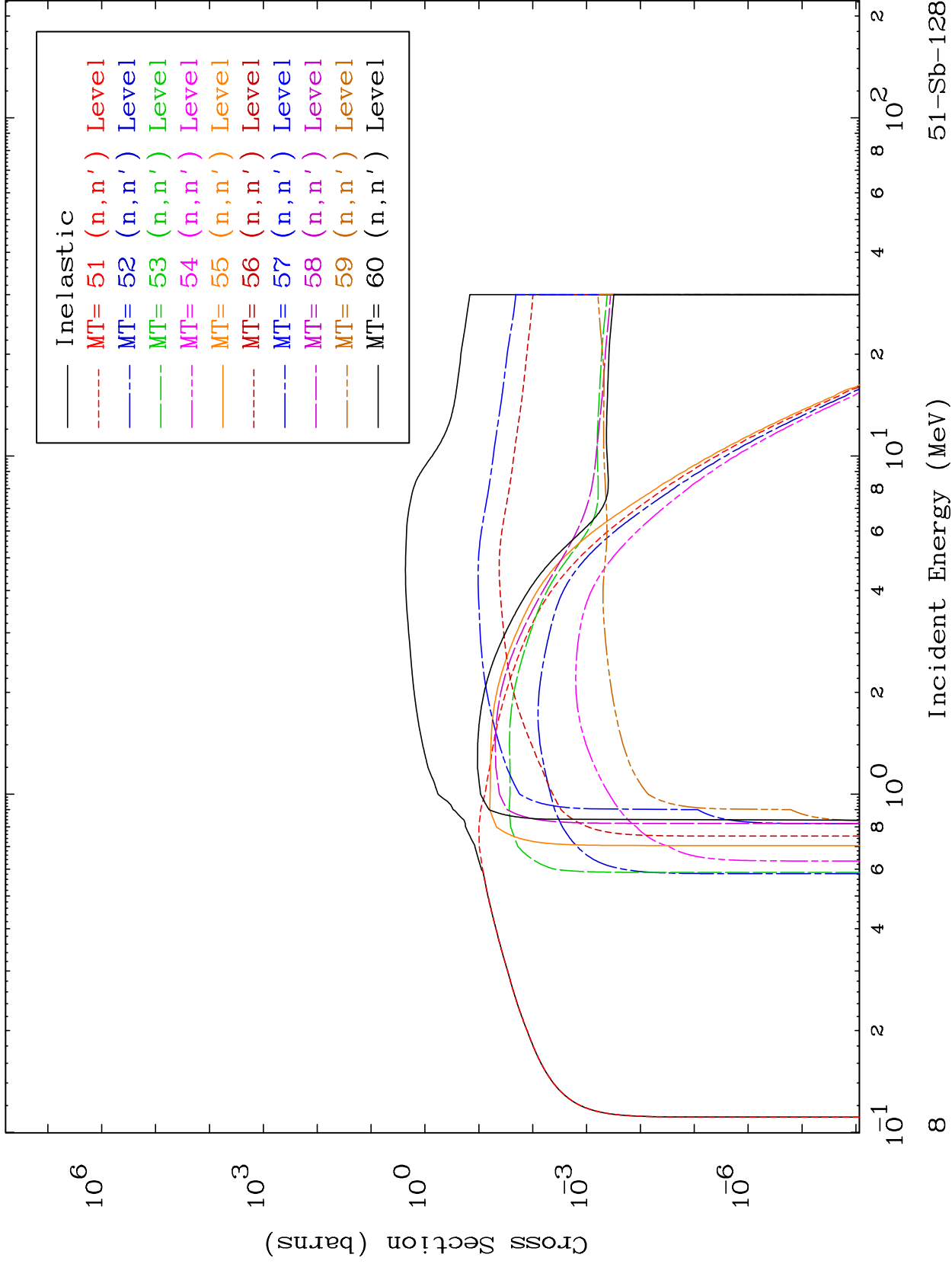


MAT 5146

(n,n') Levels

51-Sb-128

293 Kelvin Cross Sections



Incident Energy (MeV)

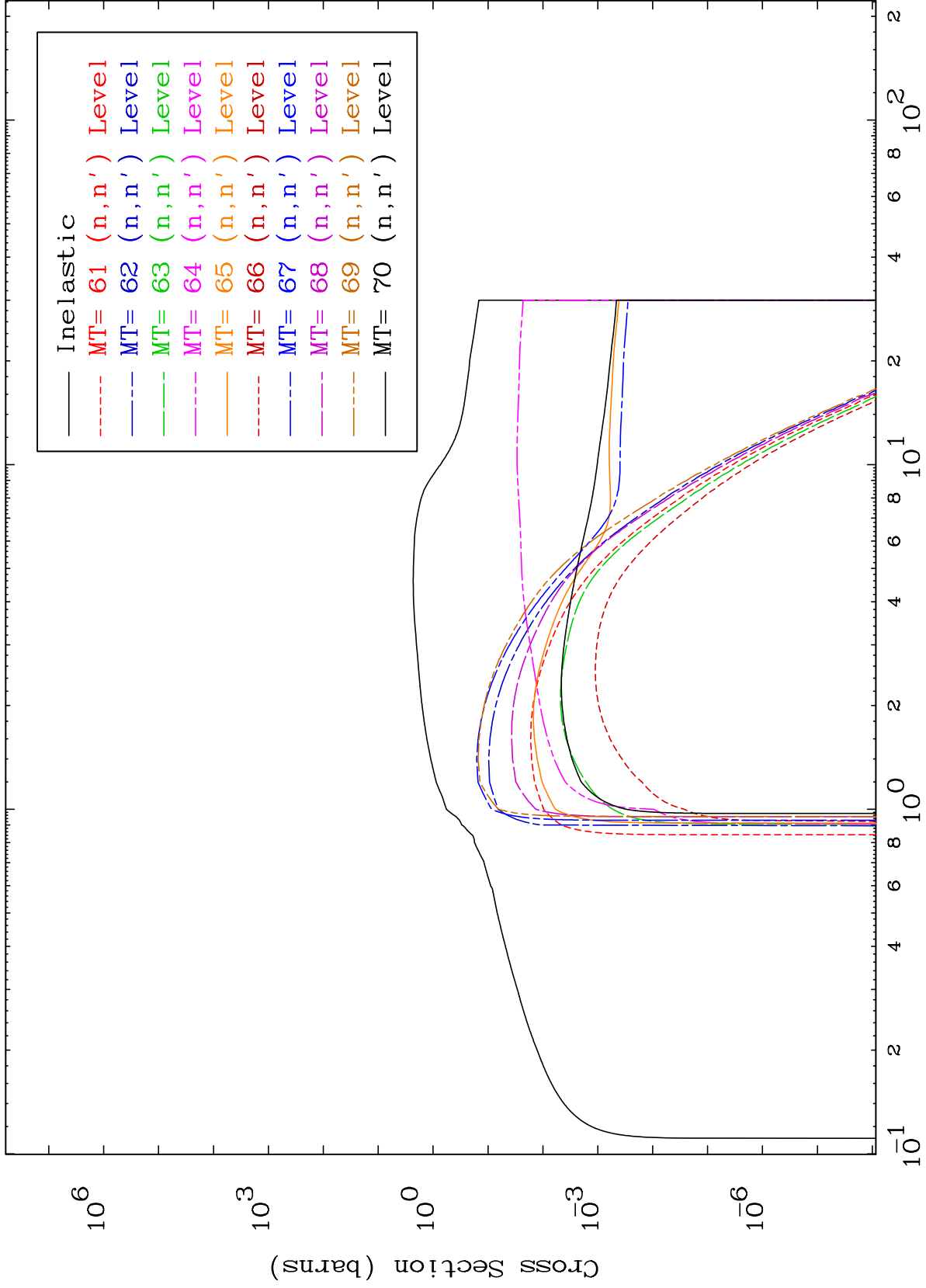
51-Sb-128

MAT 5146

(n,n') Levels

51-Sb-128

293 Kelvin Cross Sections



9

Incident Energy (MeV)

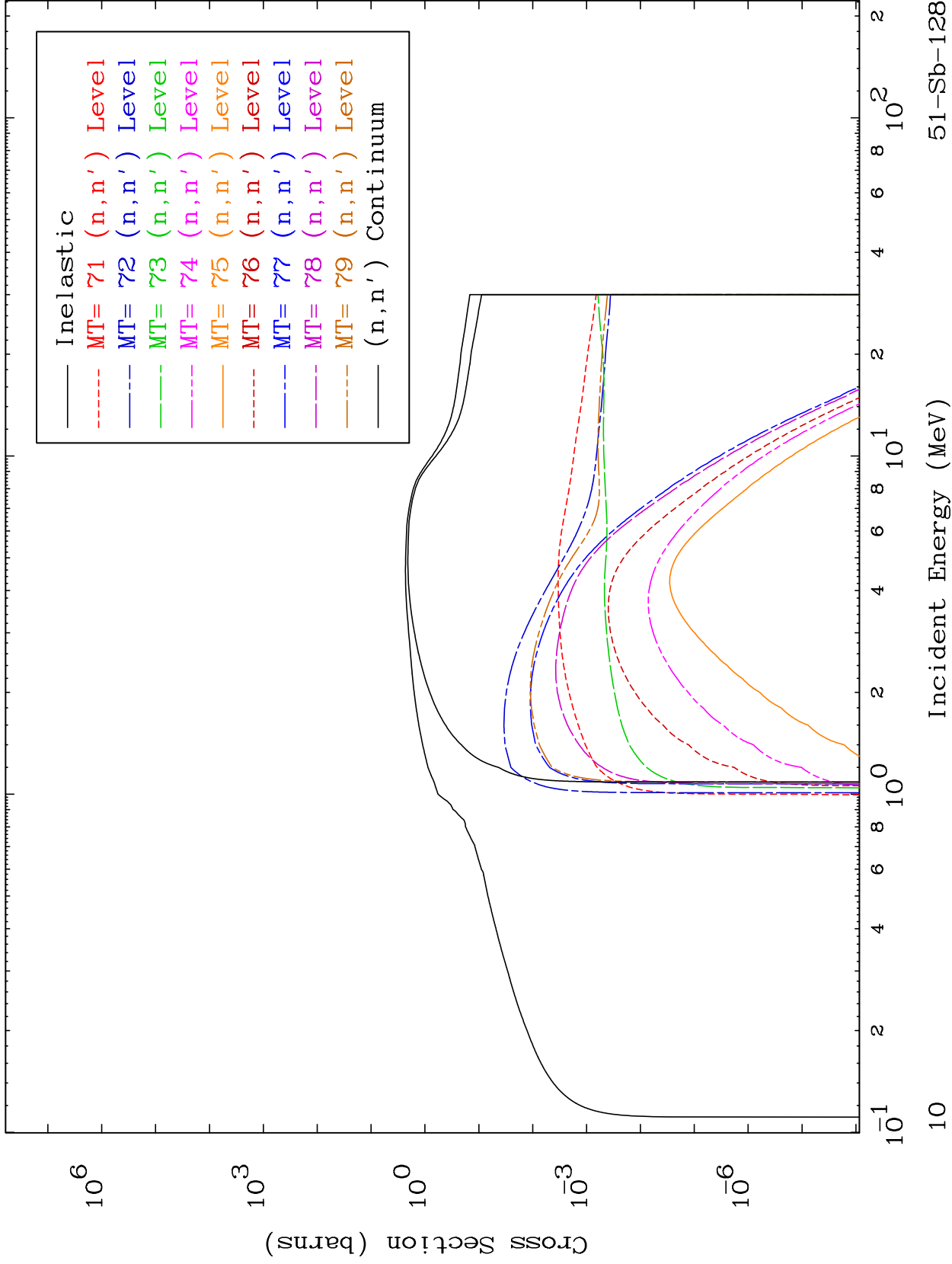
51-Sb-128

MAT 5146

(n,n') Levels

293 Kelvin Cross Sections

51-Sb-128



51-Sb-128

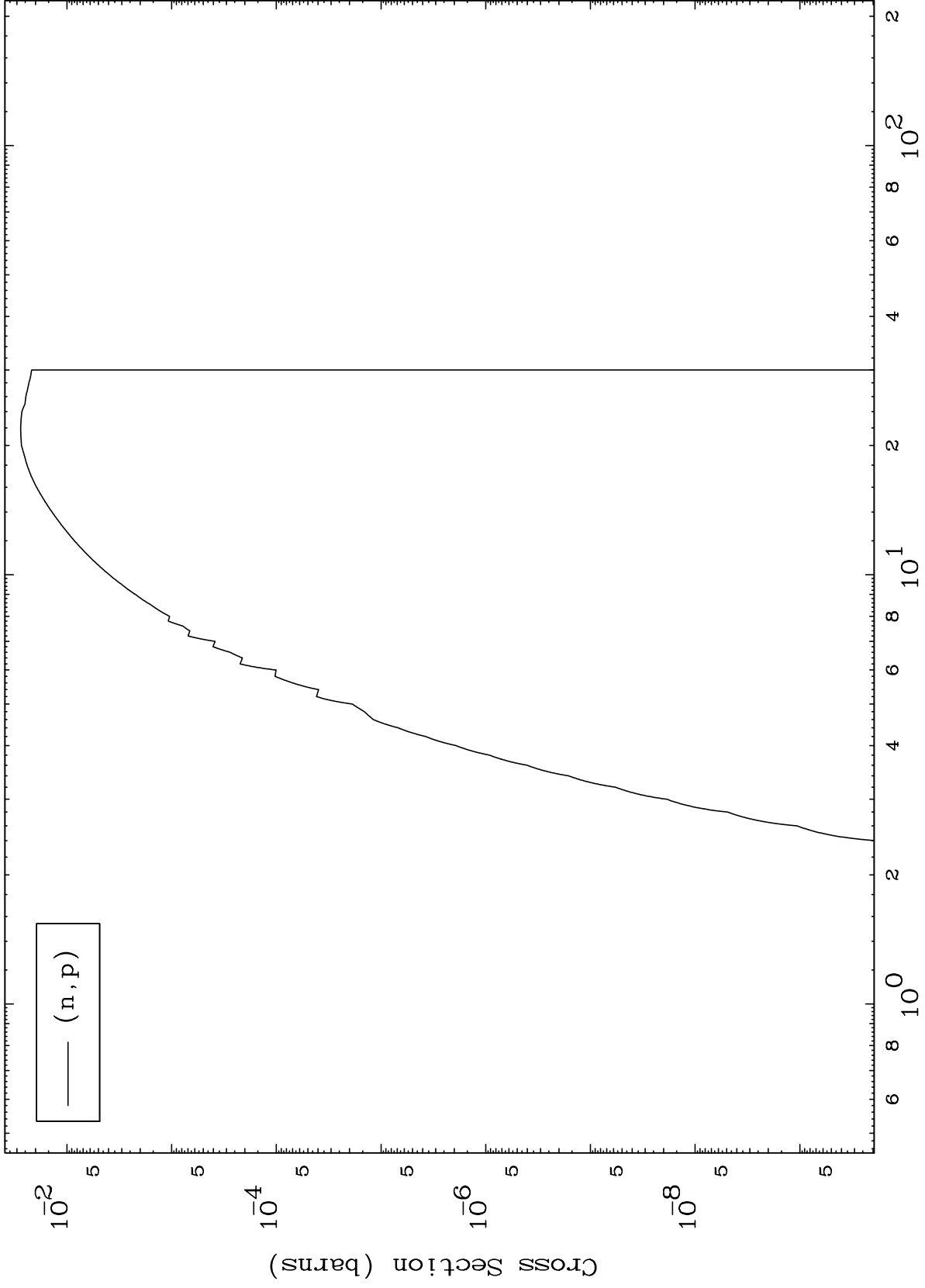
Incident Energy (MeV)

10

MAT 5146

(n,p) Levels
293 Kelvin Cross Sections

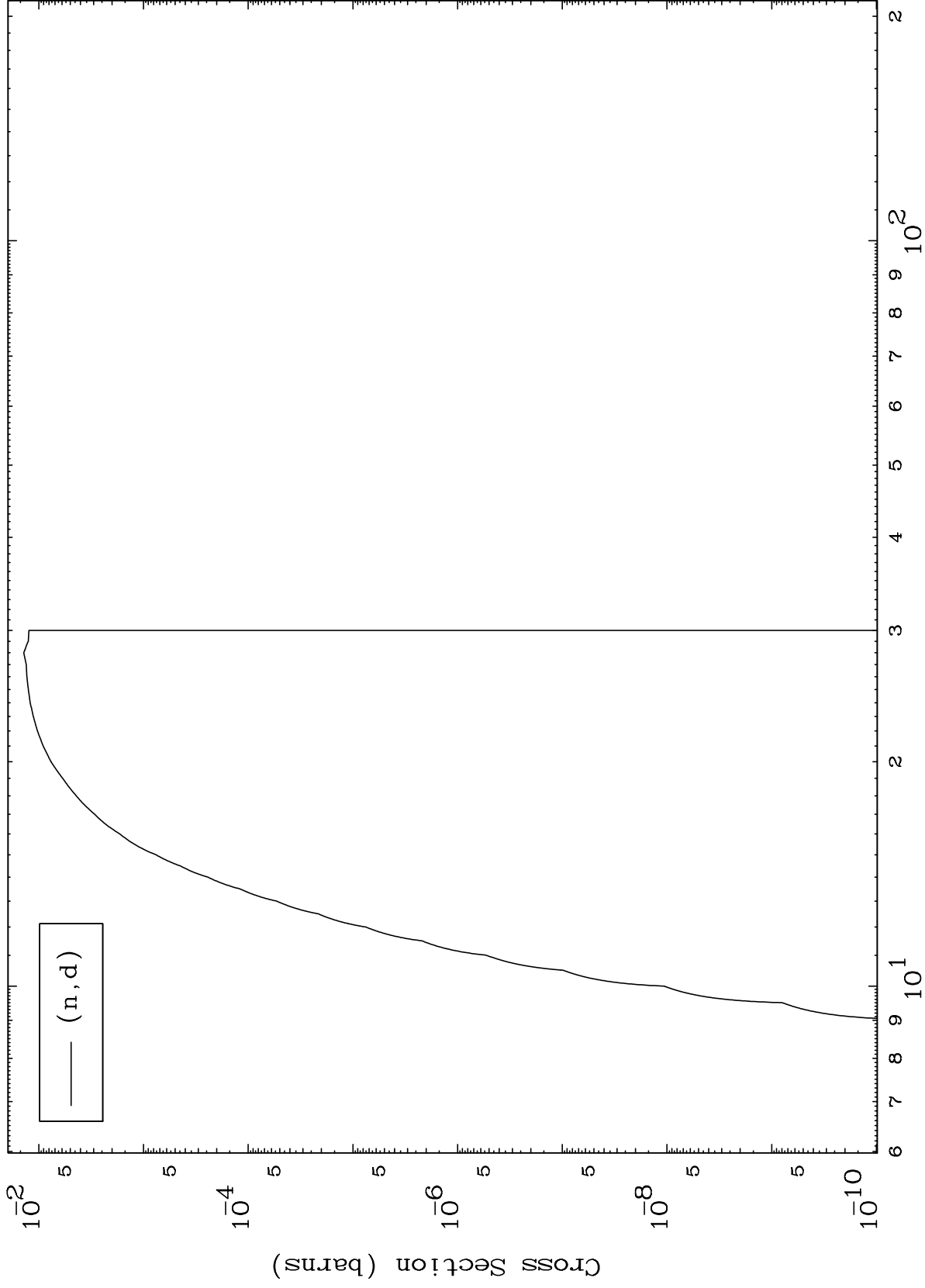
51-Sb-128



MAT 5146

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-128



12

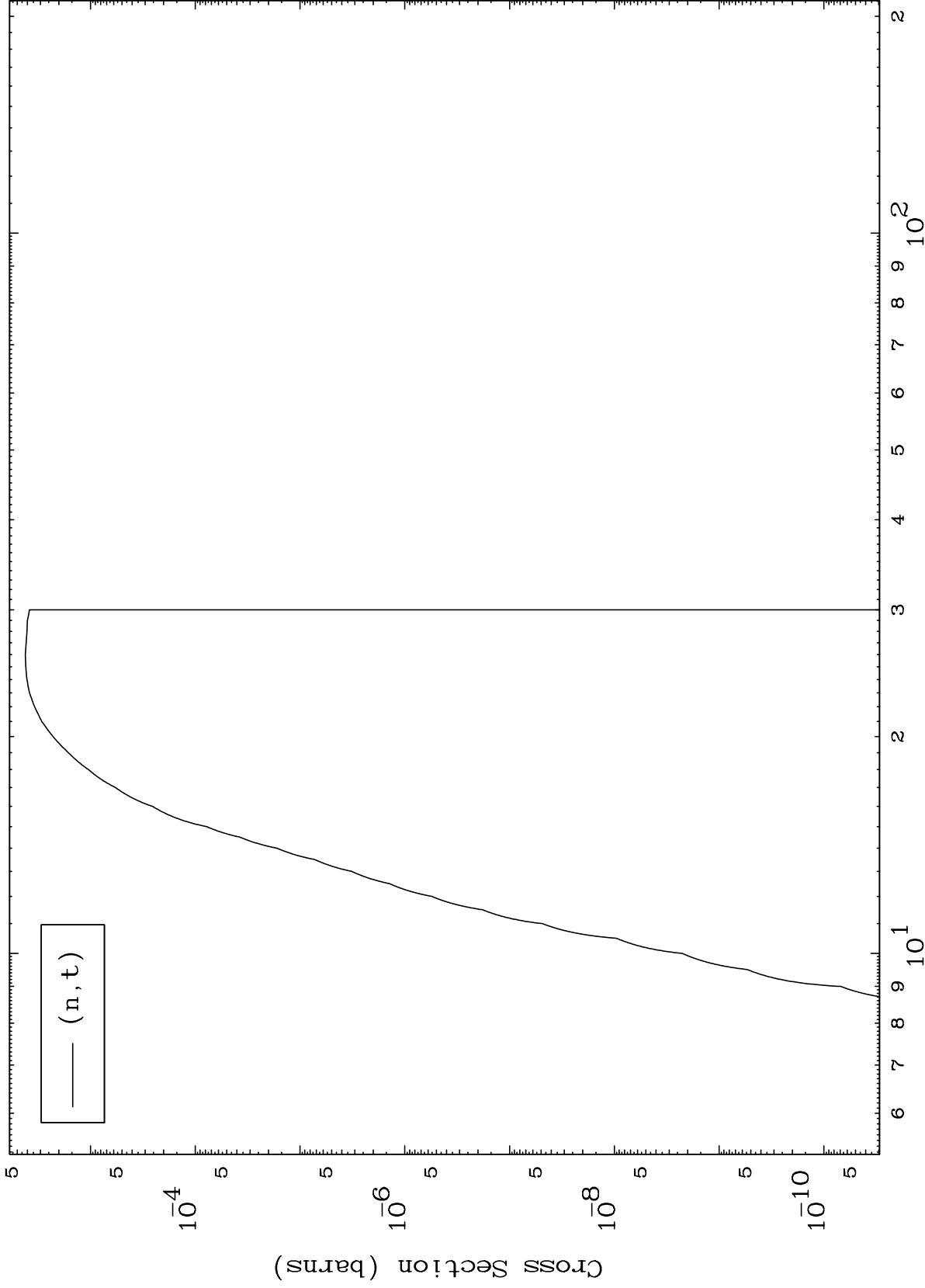
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-128



13

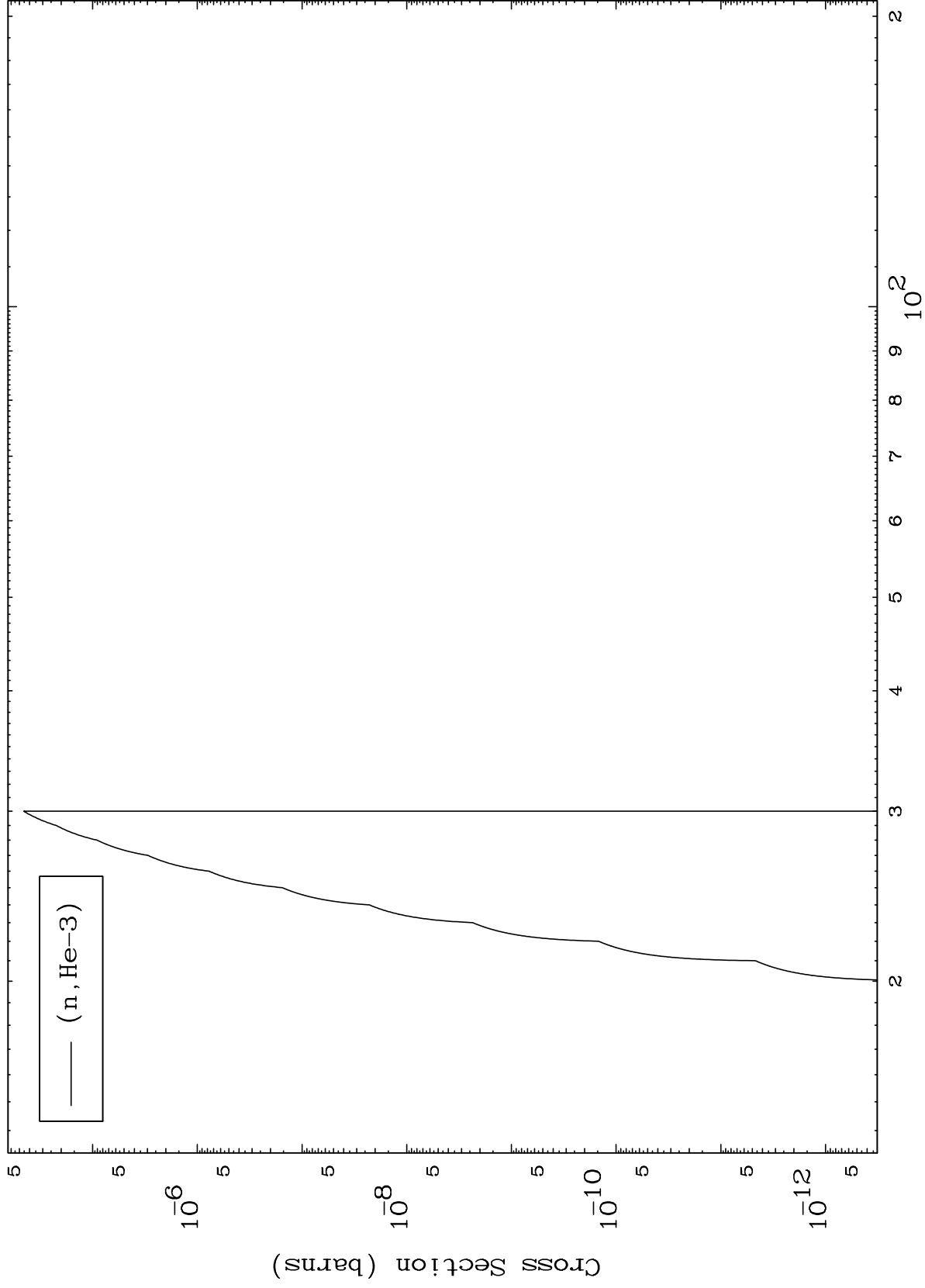
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-128



14

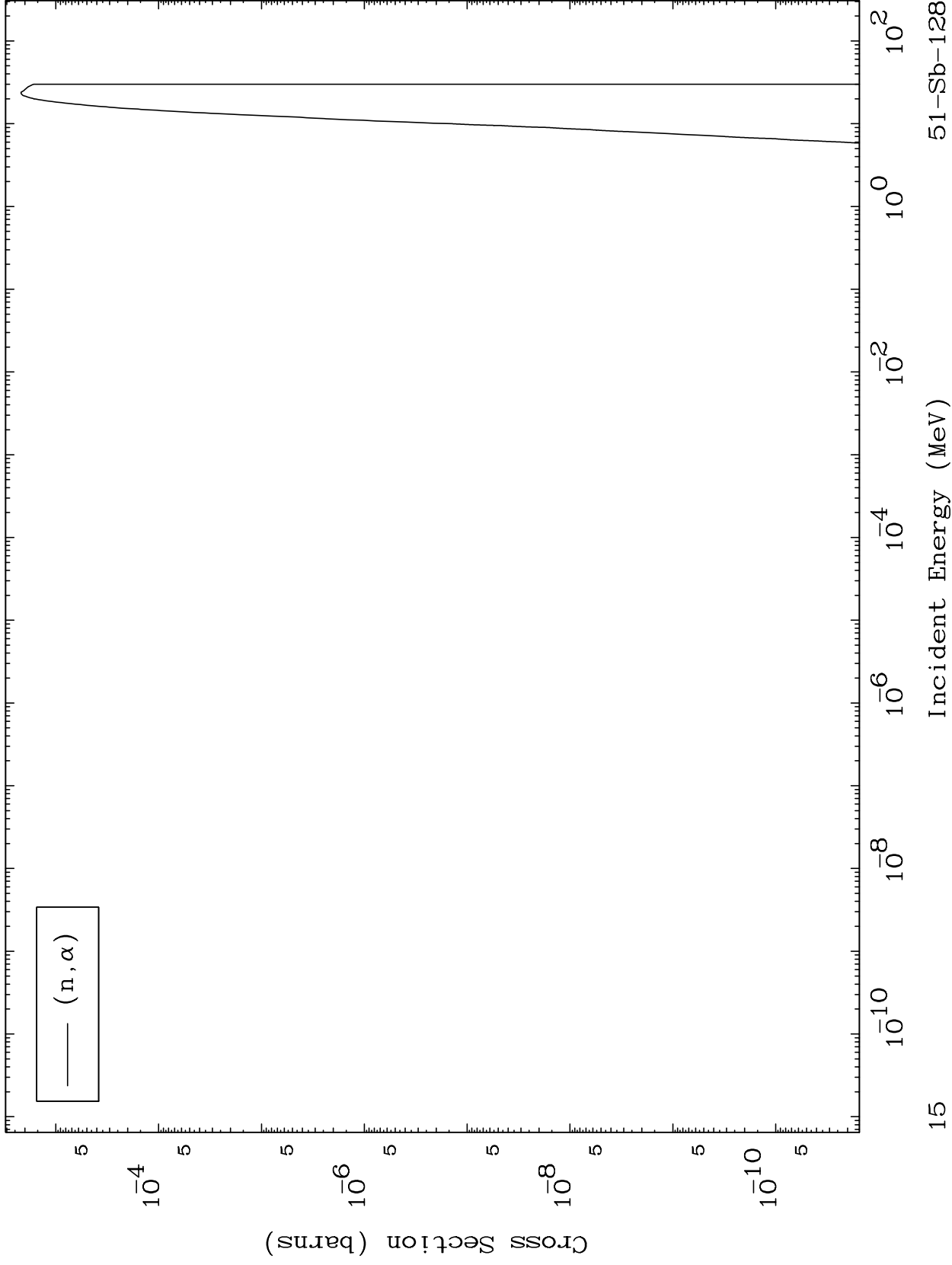
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n, α) Levels
293 Kelvin Cross Sections

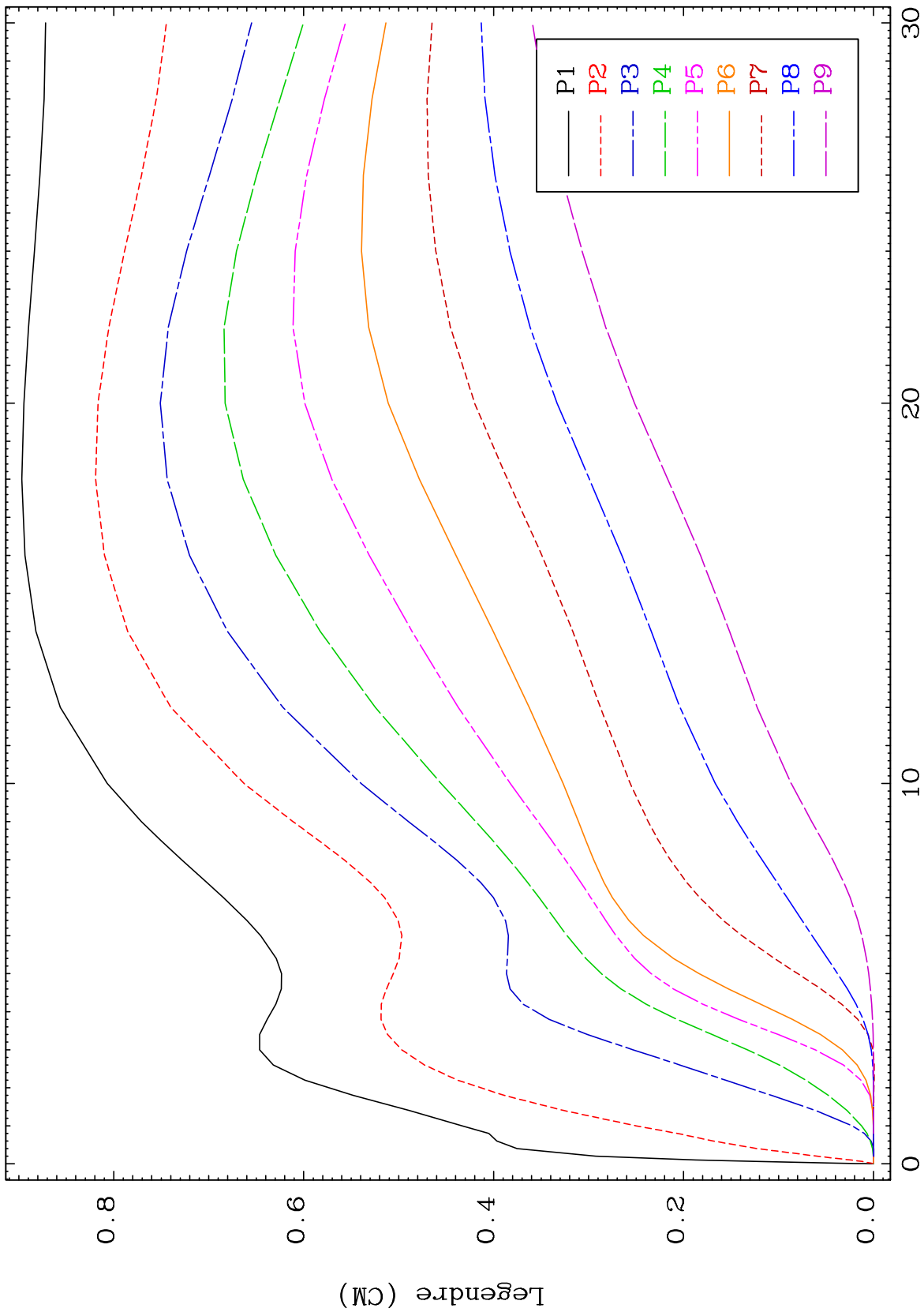
51-Sb-128



MAT 5146

51-Sb-128

Elastic Legendre Coefficients



16

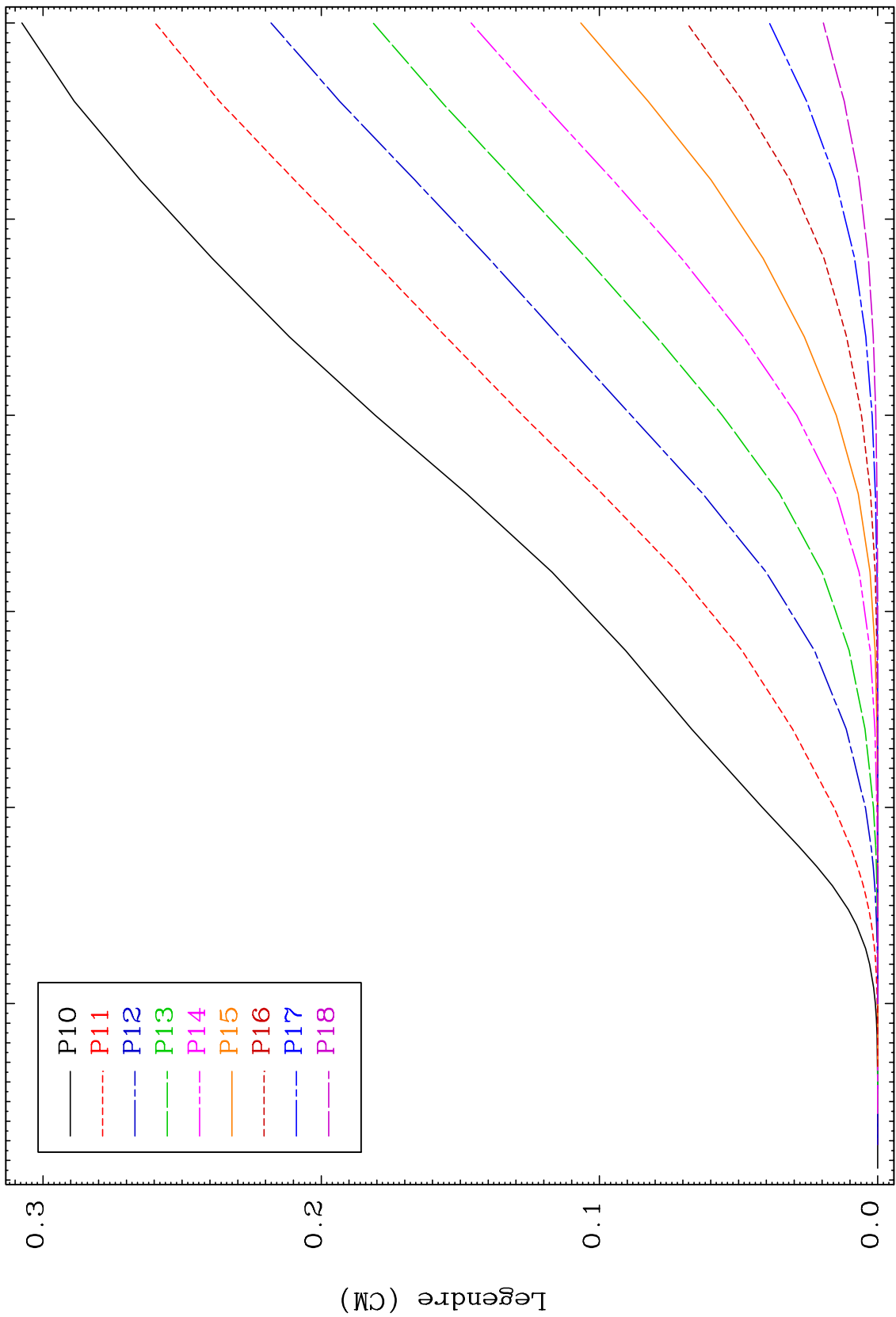
Incident Energy (MeV)

51-Sb-128

MAT 5146

Elastic Legendre Coefficients

51-Sb-128



17

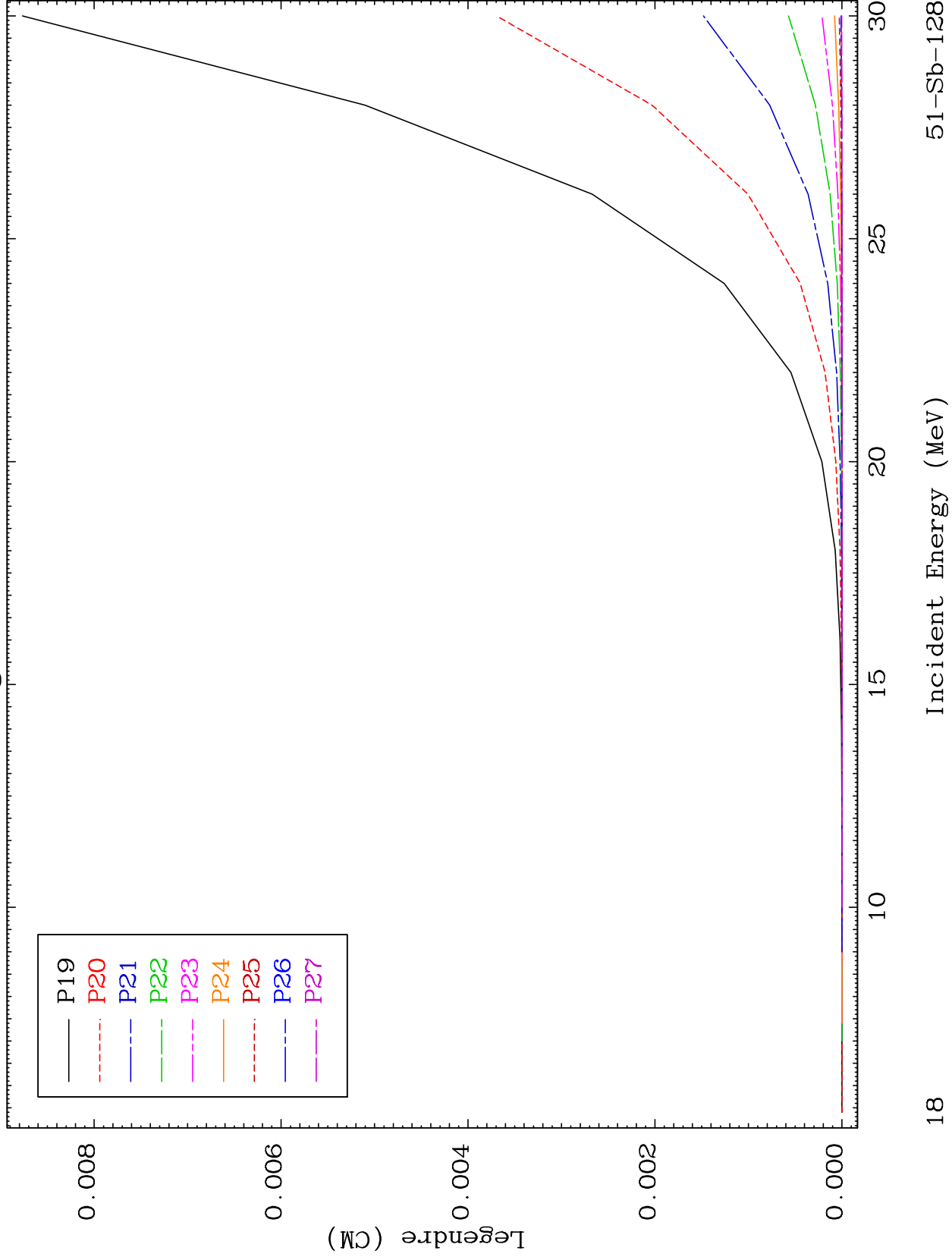
51-Sb-128

Incident Energy (MeV)

MAT 5146

Elastic Legendre Coefficients

51-Sb-128



18

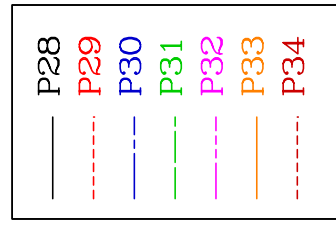
Incident Energy (MeV)

51-Sb-128

MAT 5146

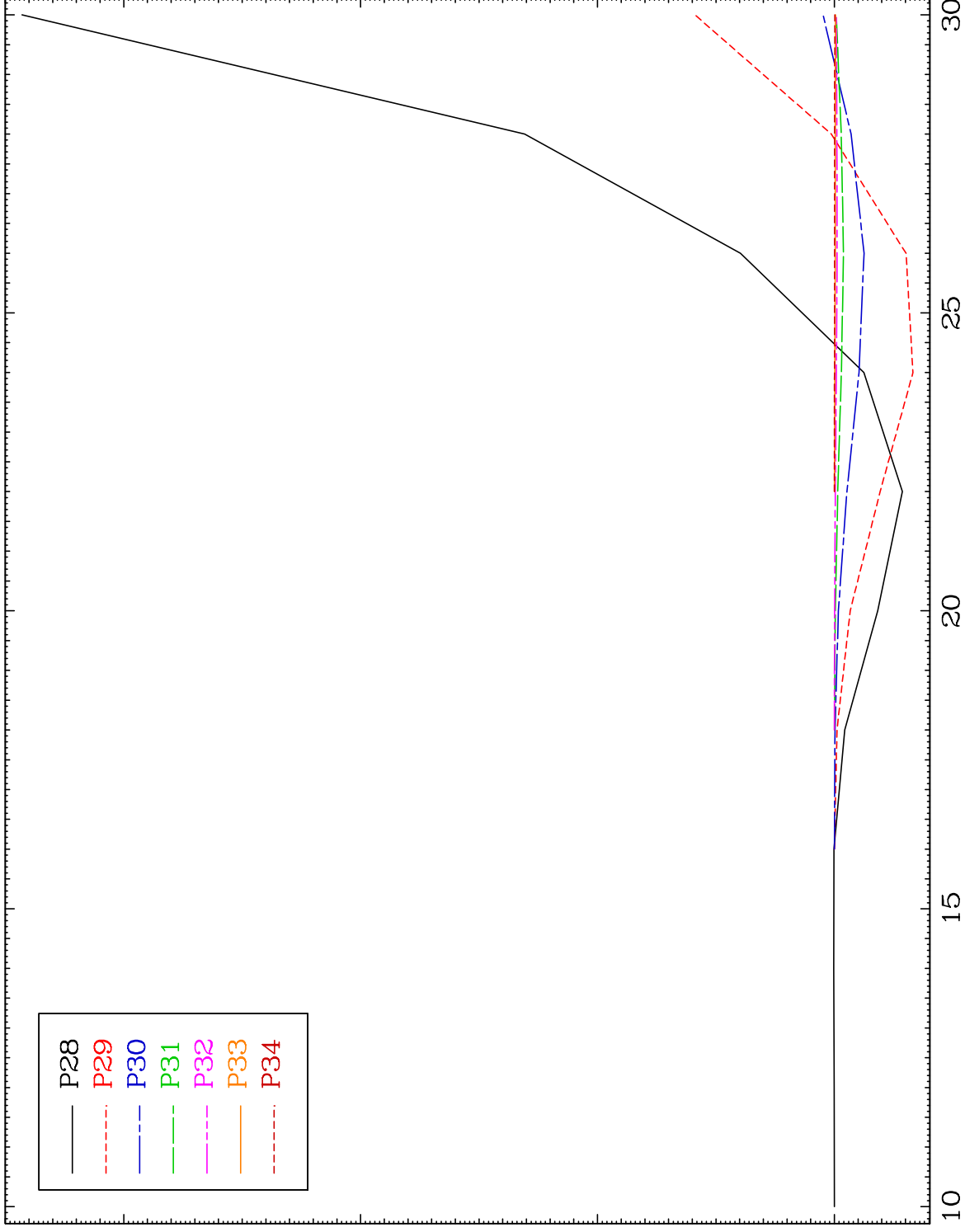
Elastic Legendre Coefficients

51-Sb-128



$\times 10^{-7}$

Legendre (CM)



10

15

20

25

30

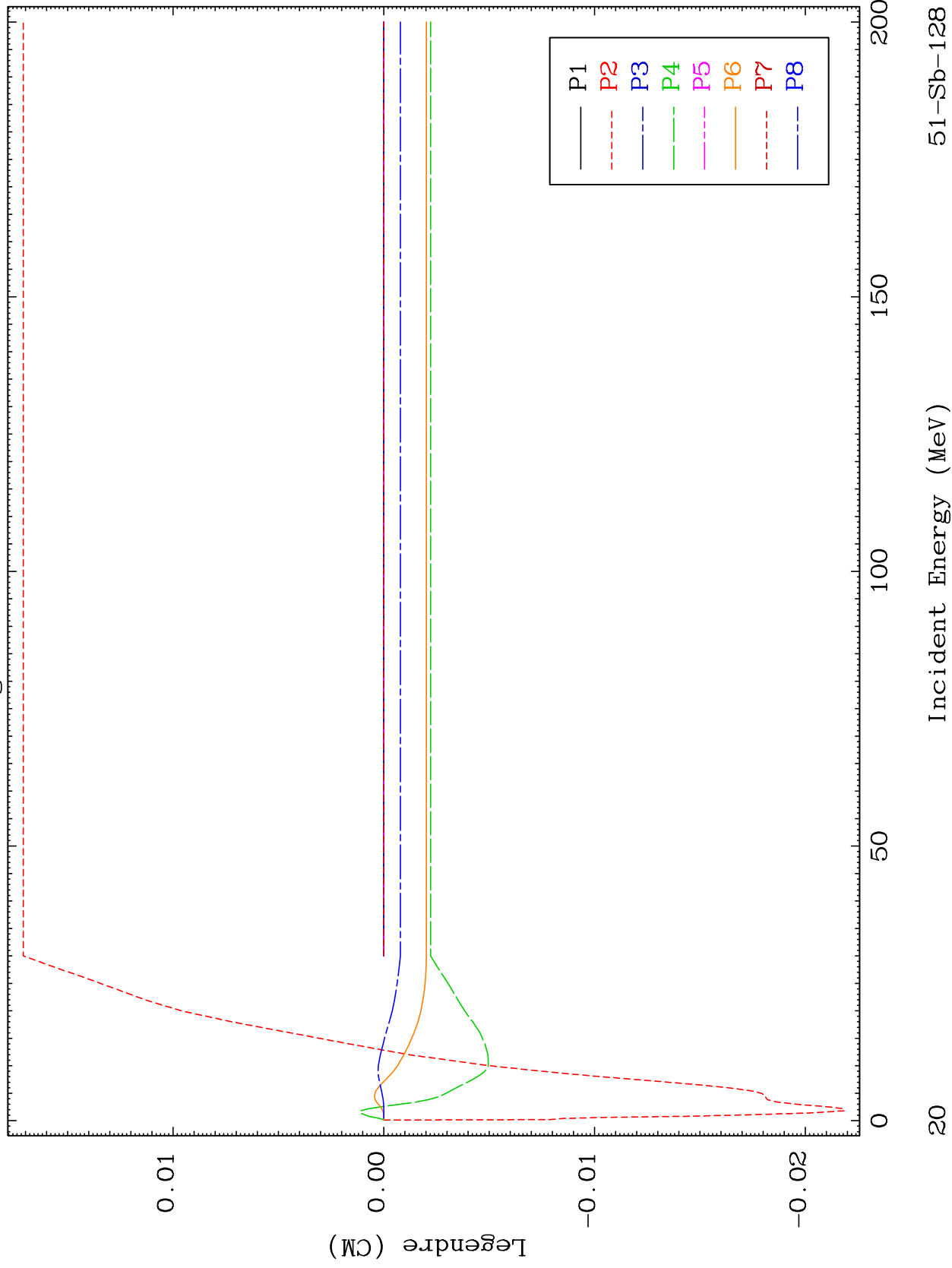
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

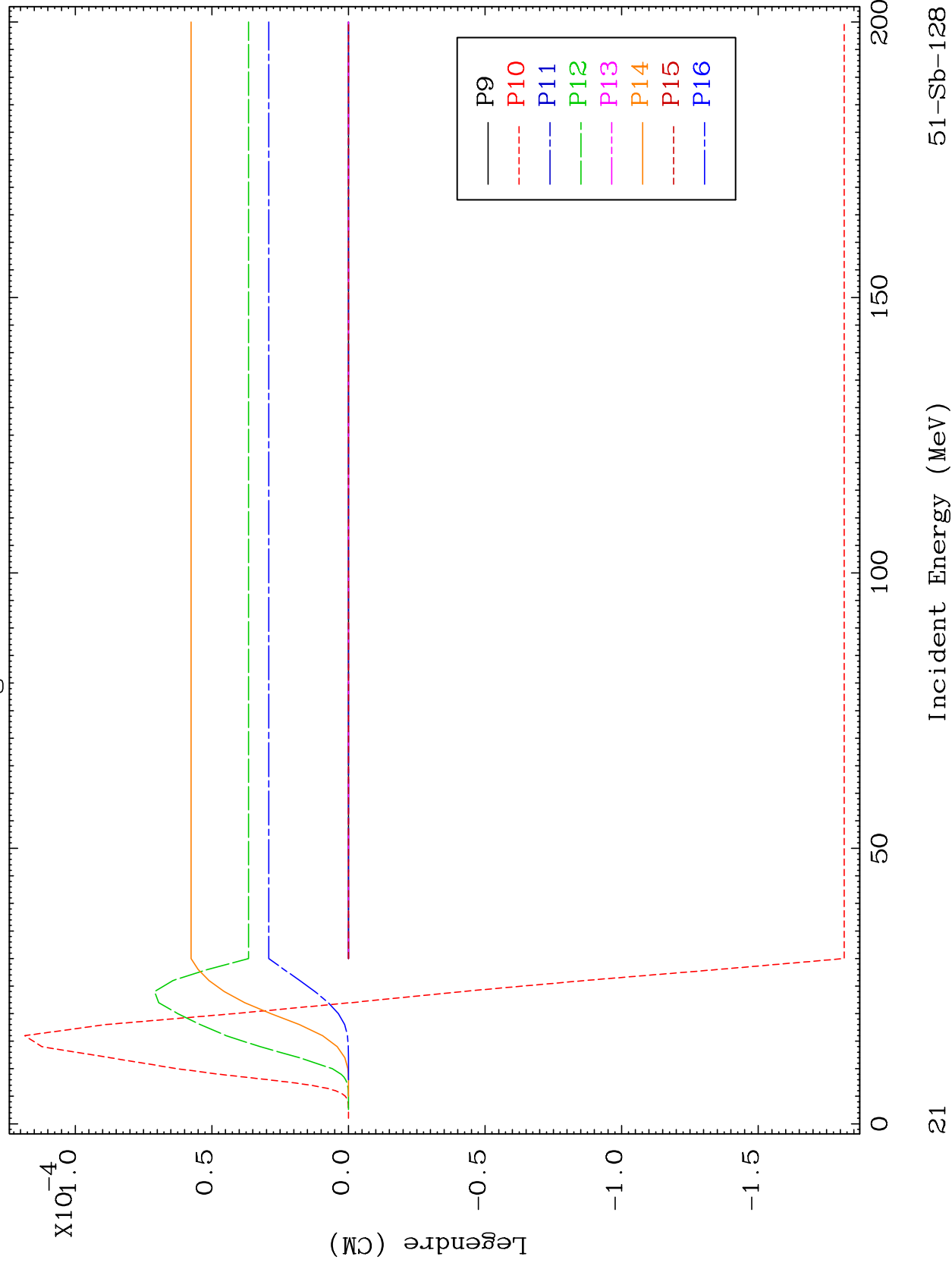
Incident Energy (MeV)

0

MAT 5146

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

51-Sb-128



21

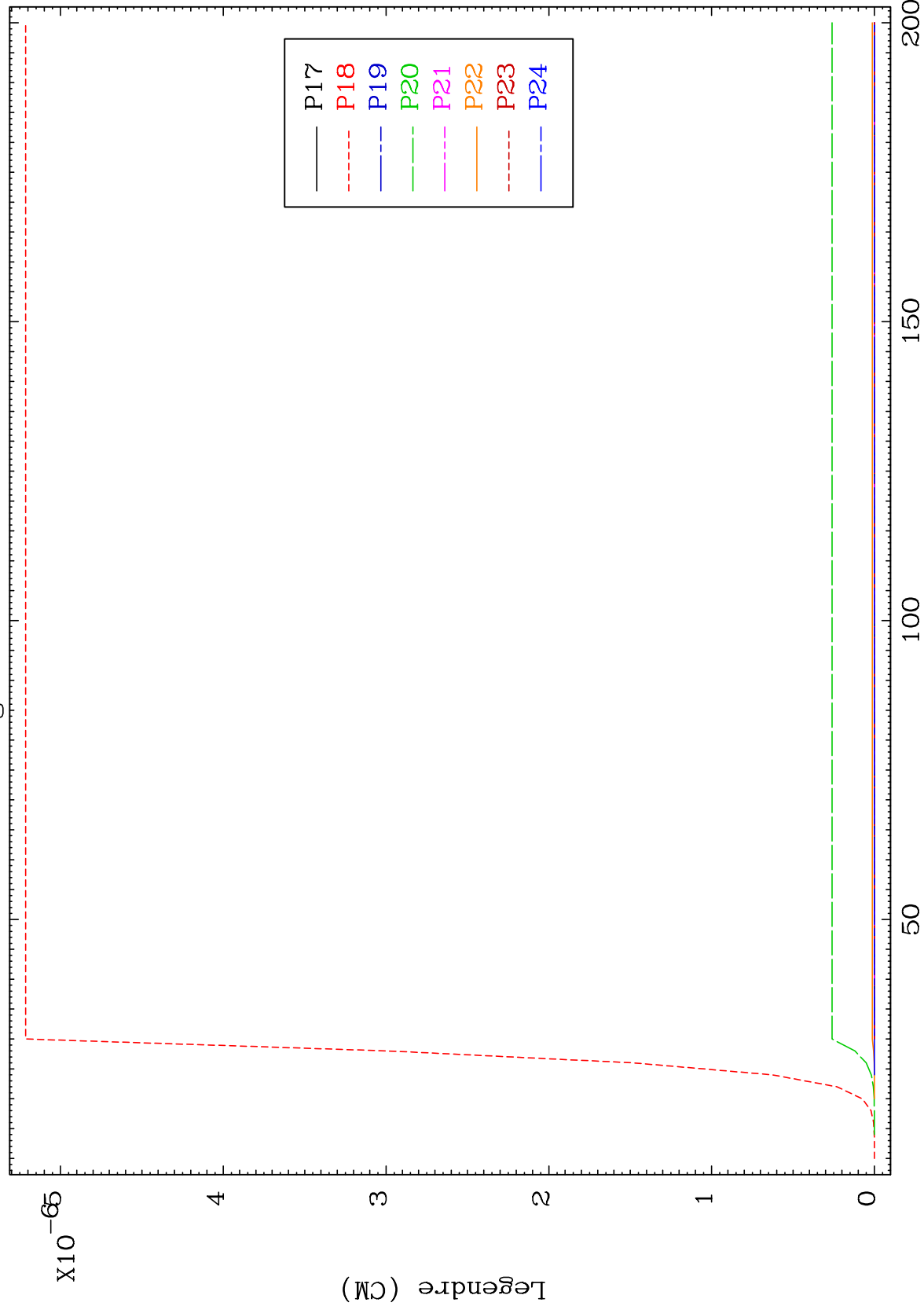
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



22

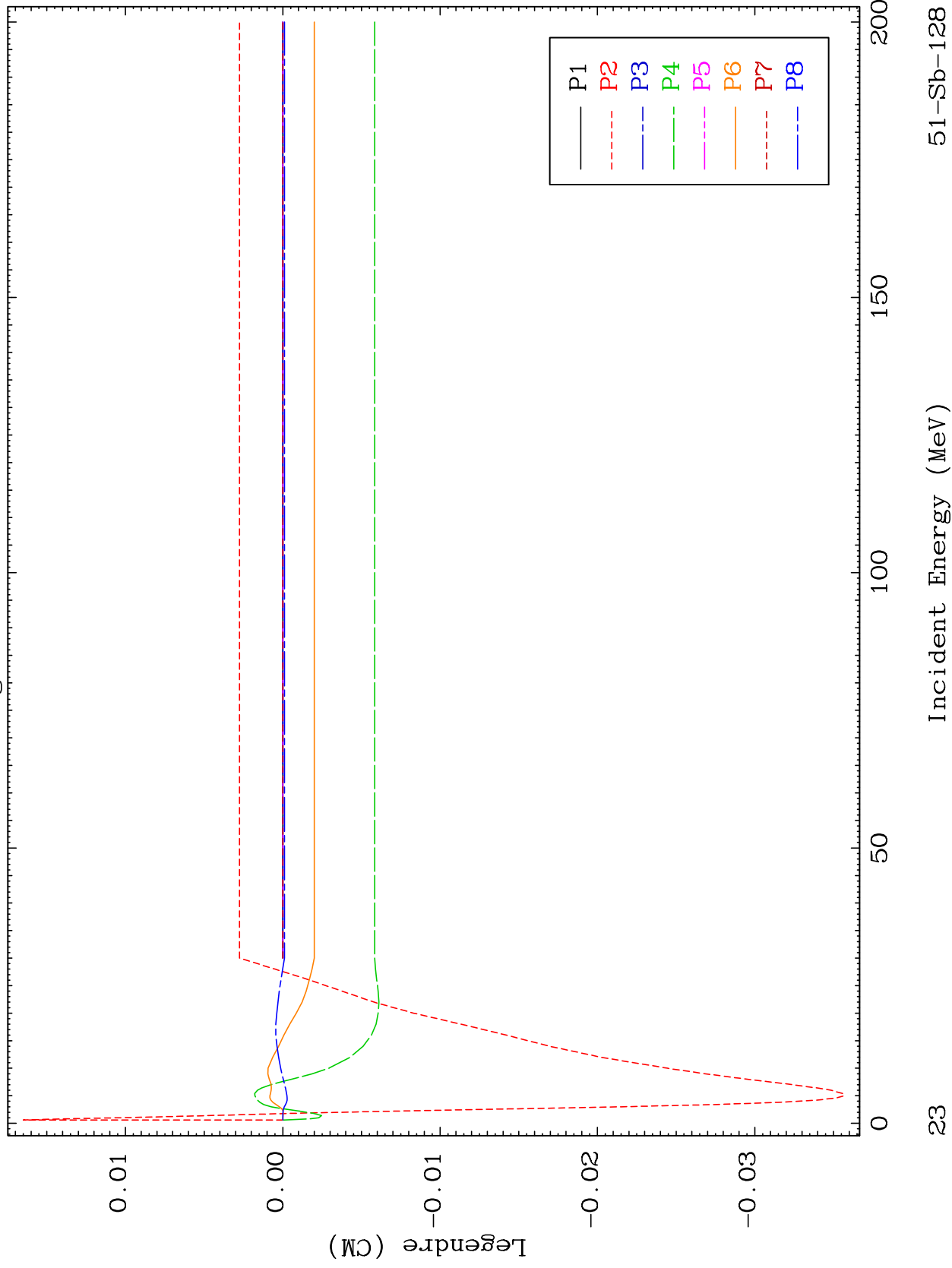
Incident Energy (MeV)

51-Sb-128

MAT 5146

51-Sb-128

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



51-Sb-128

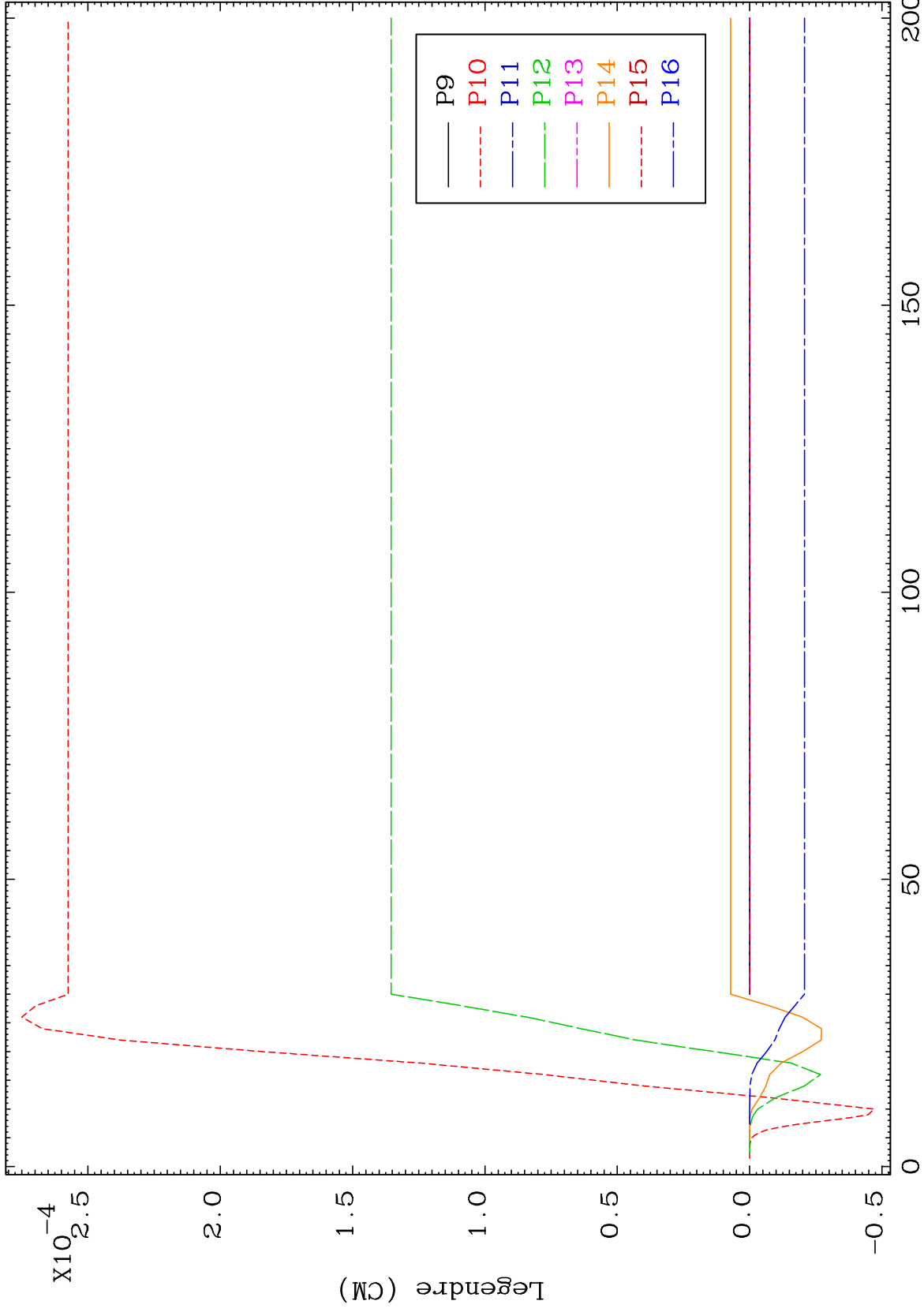
Incident Energy (MeV)

23

MAT 5146

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

51-Sb-128



24

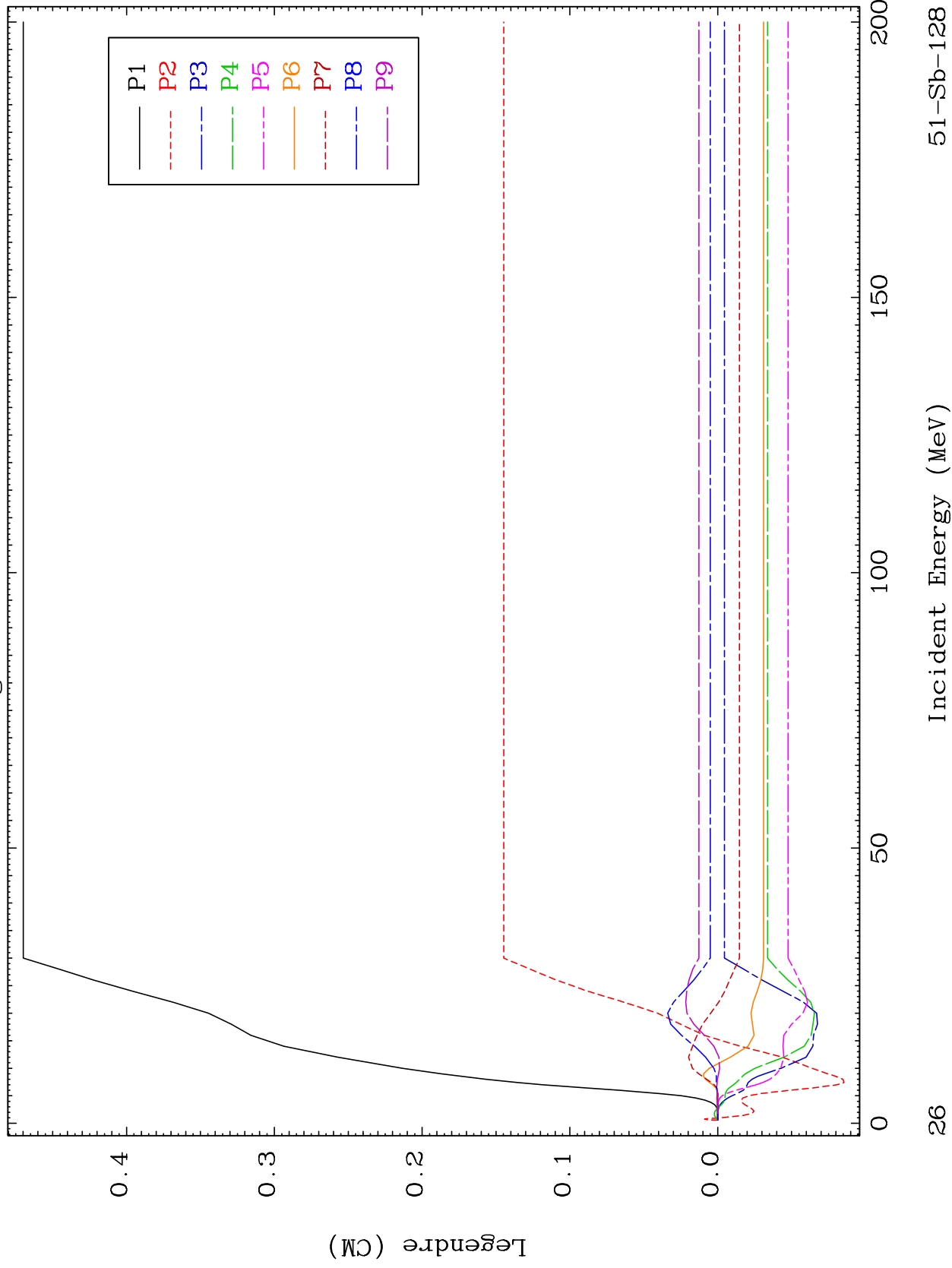
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

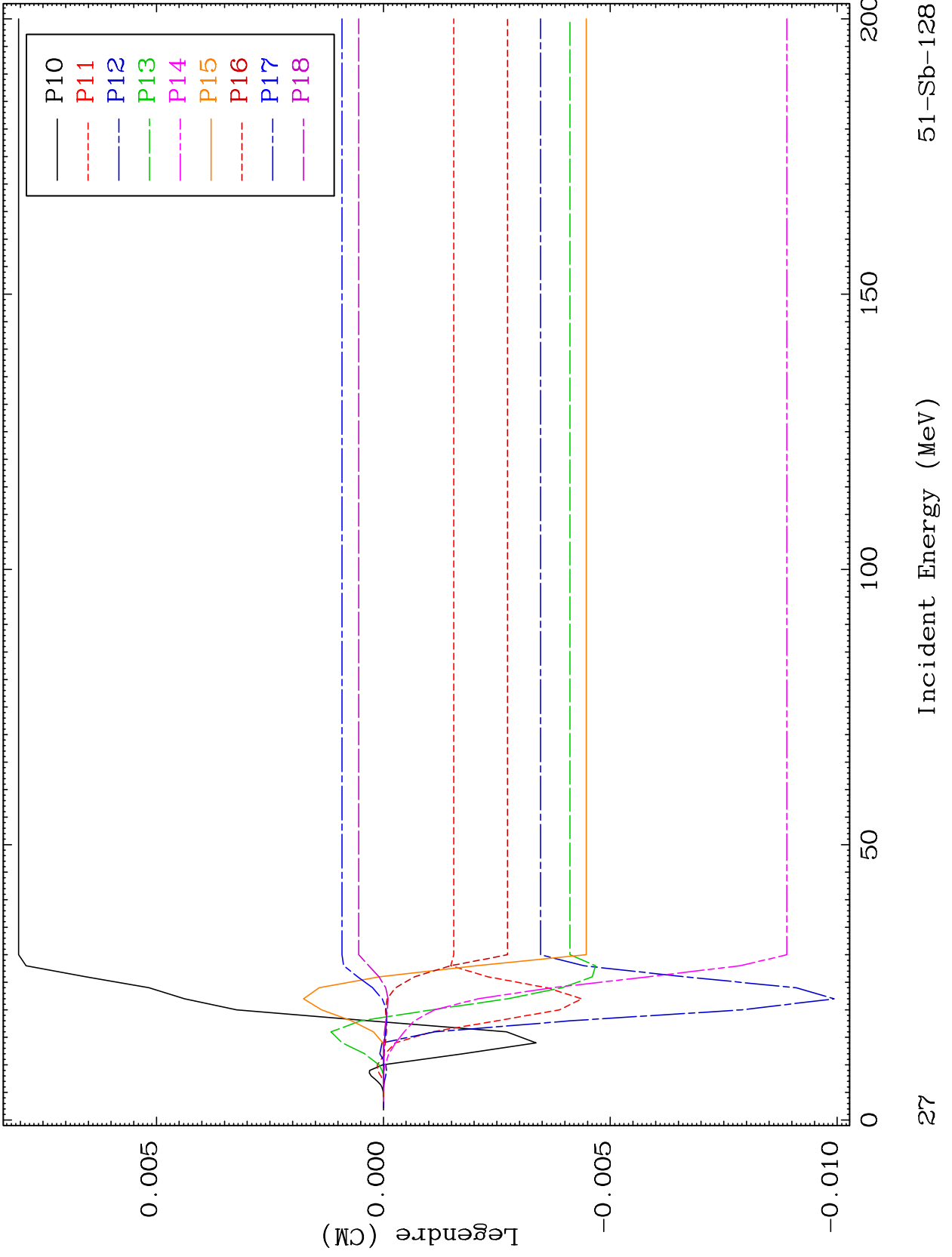
Incident Energy (MeV)

26

MAT 5146

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

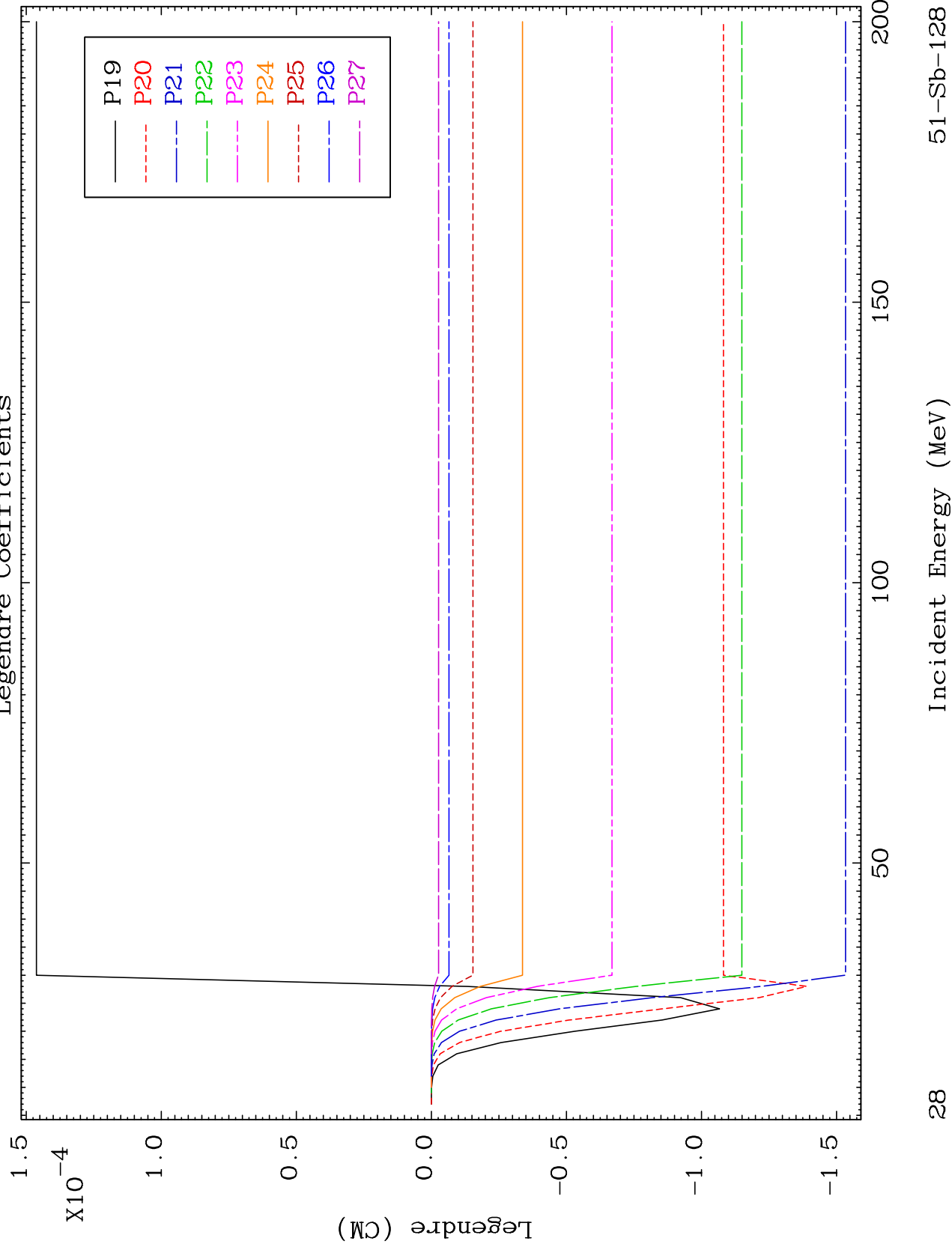
51-Sb-128



27

Incident Energy (MeV)

51-Sb-128

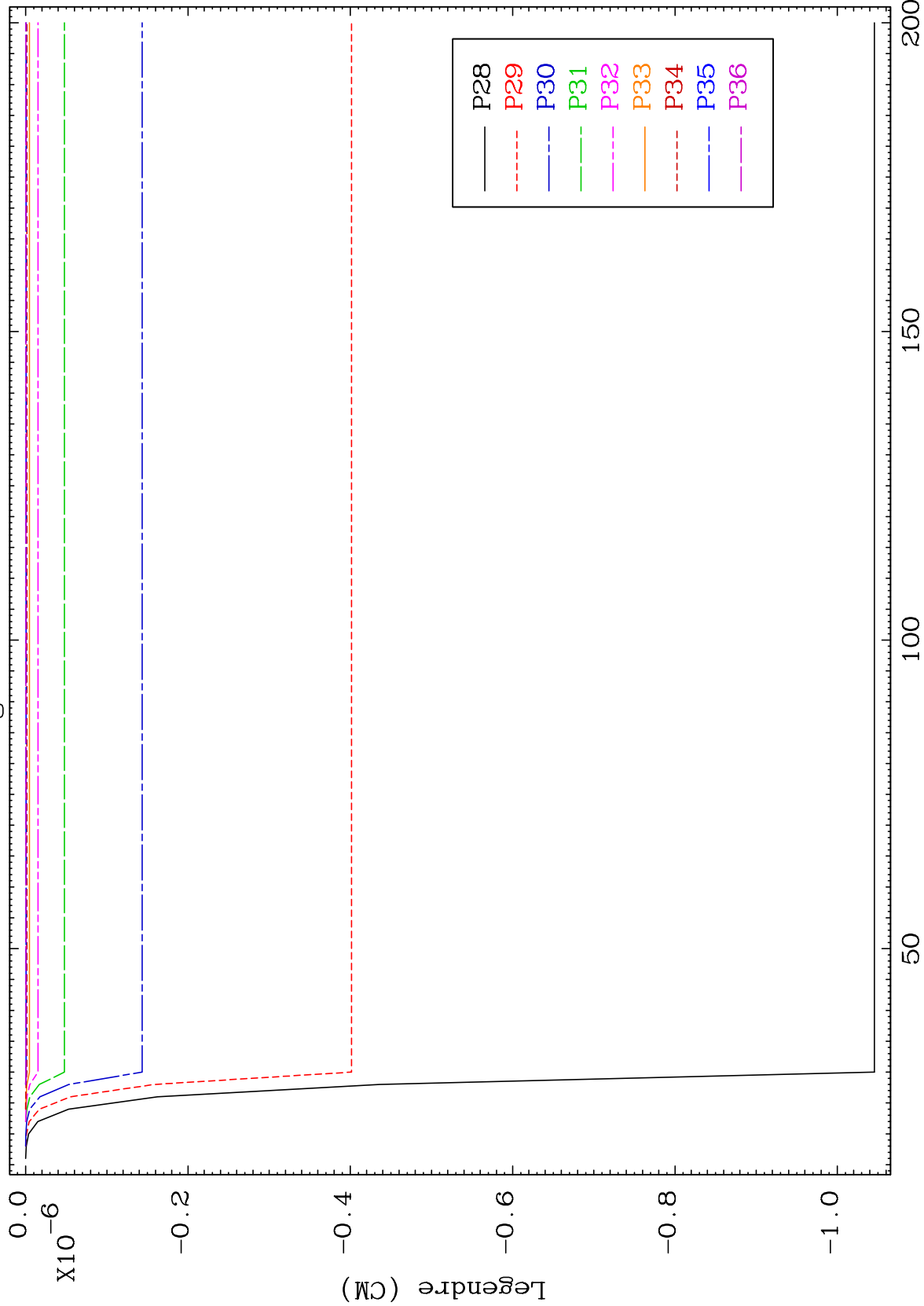


MAT 5146

MT= 53 (n,n') Level

51-Sb-128

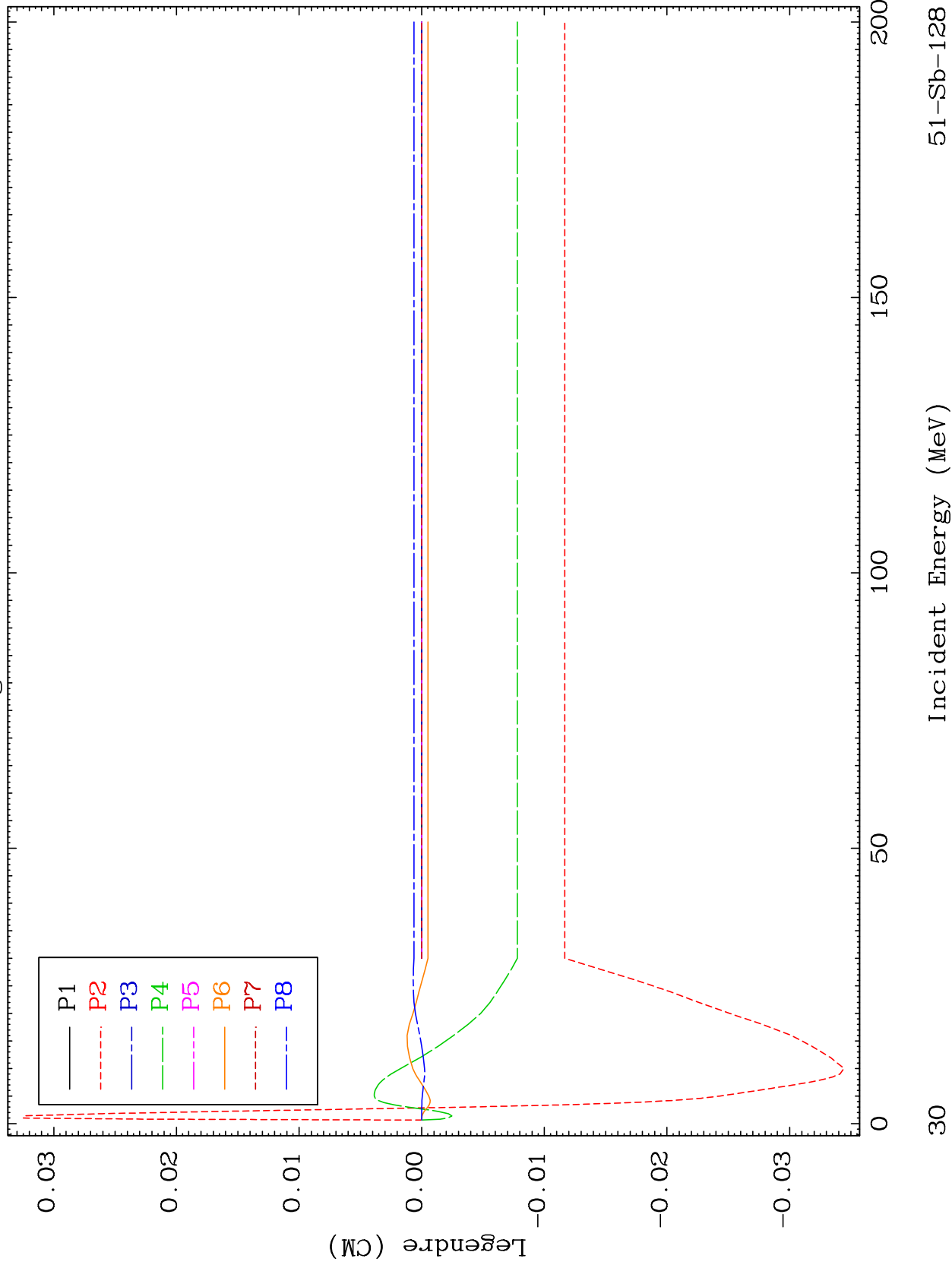
Legendre Coefficients



MAT 5146

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

51-Sb-128



51-Sb-128

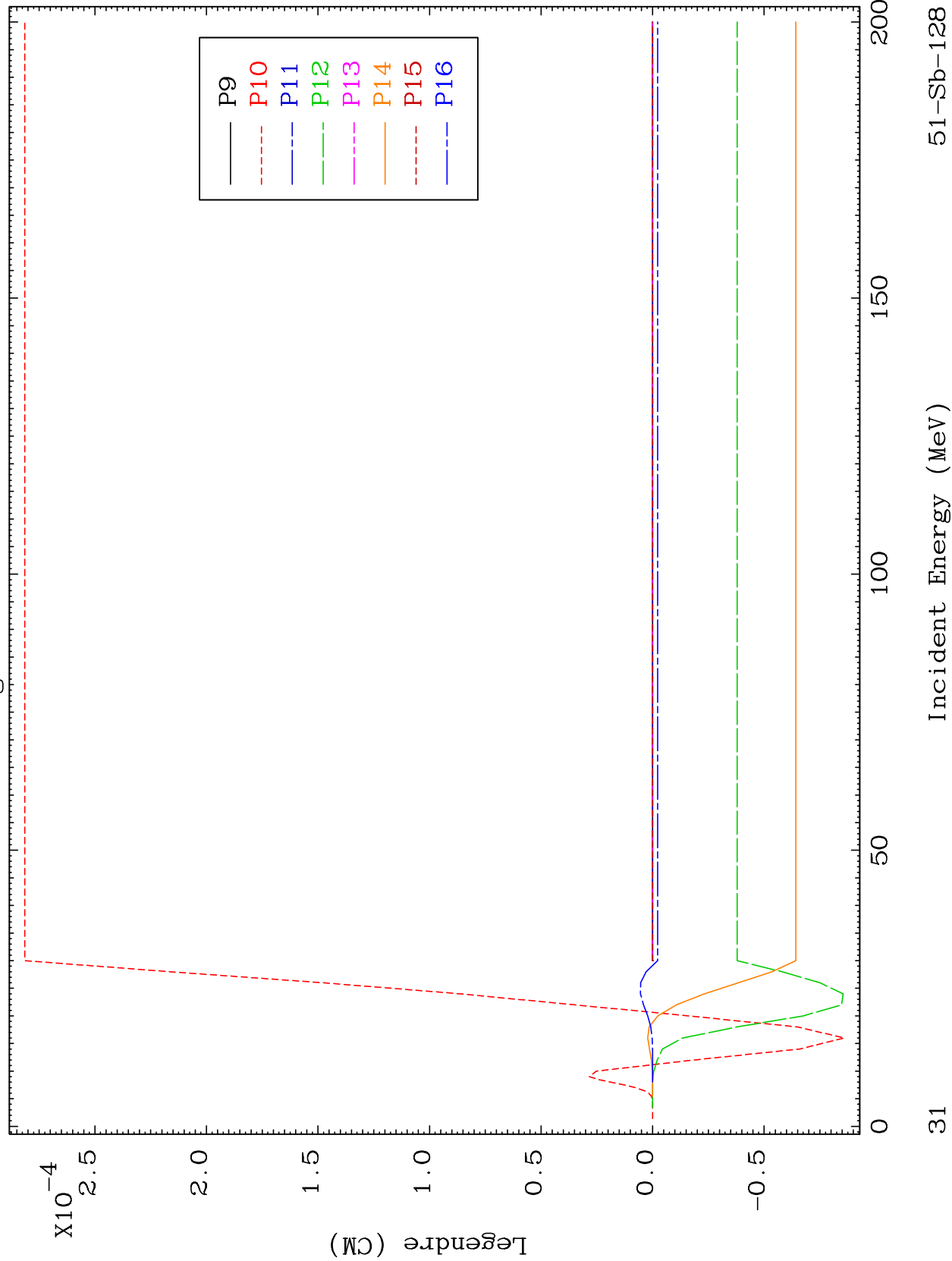
Incident Energy (MeV)

30

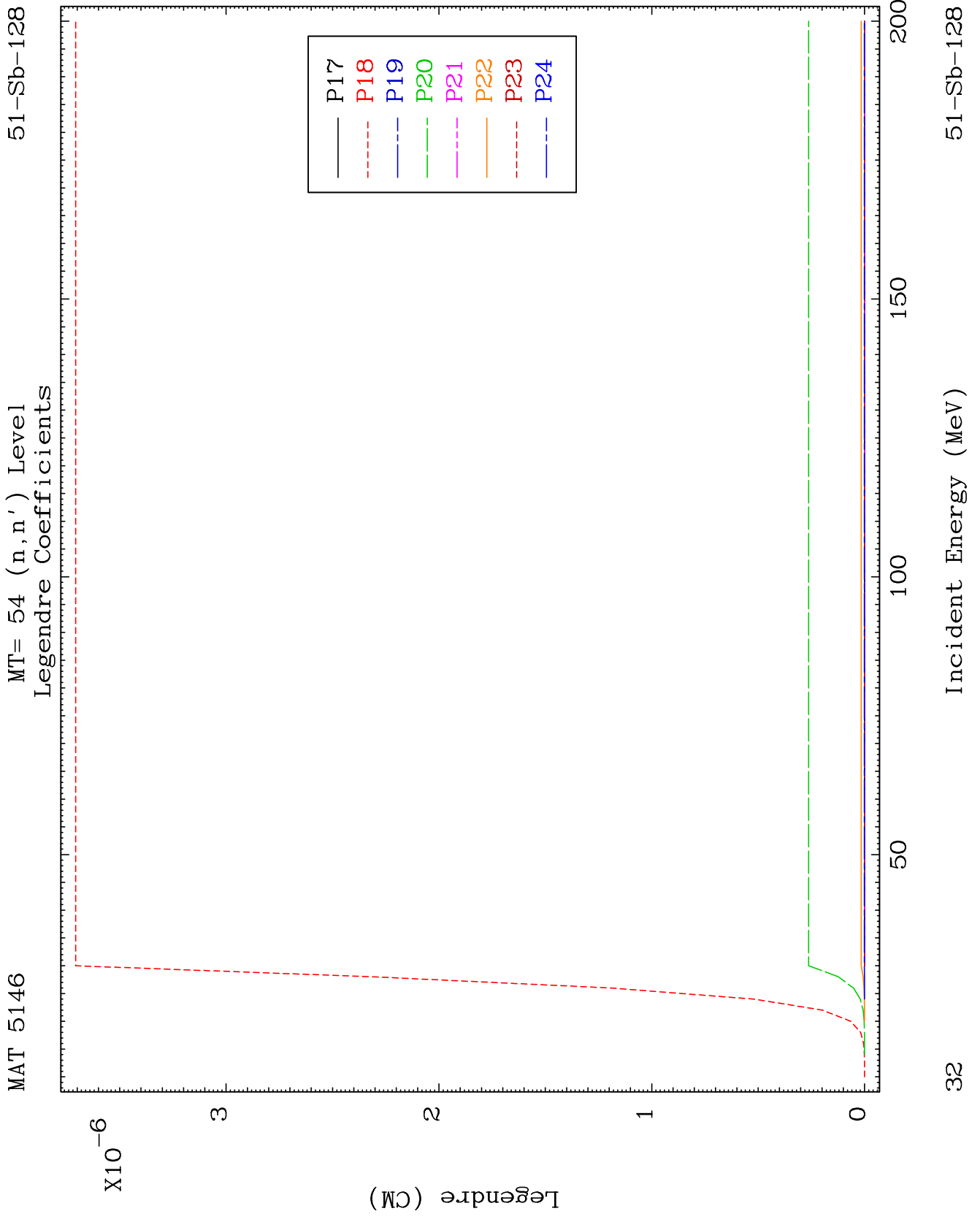
MAT 5146

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

51-Sb-128



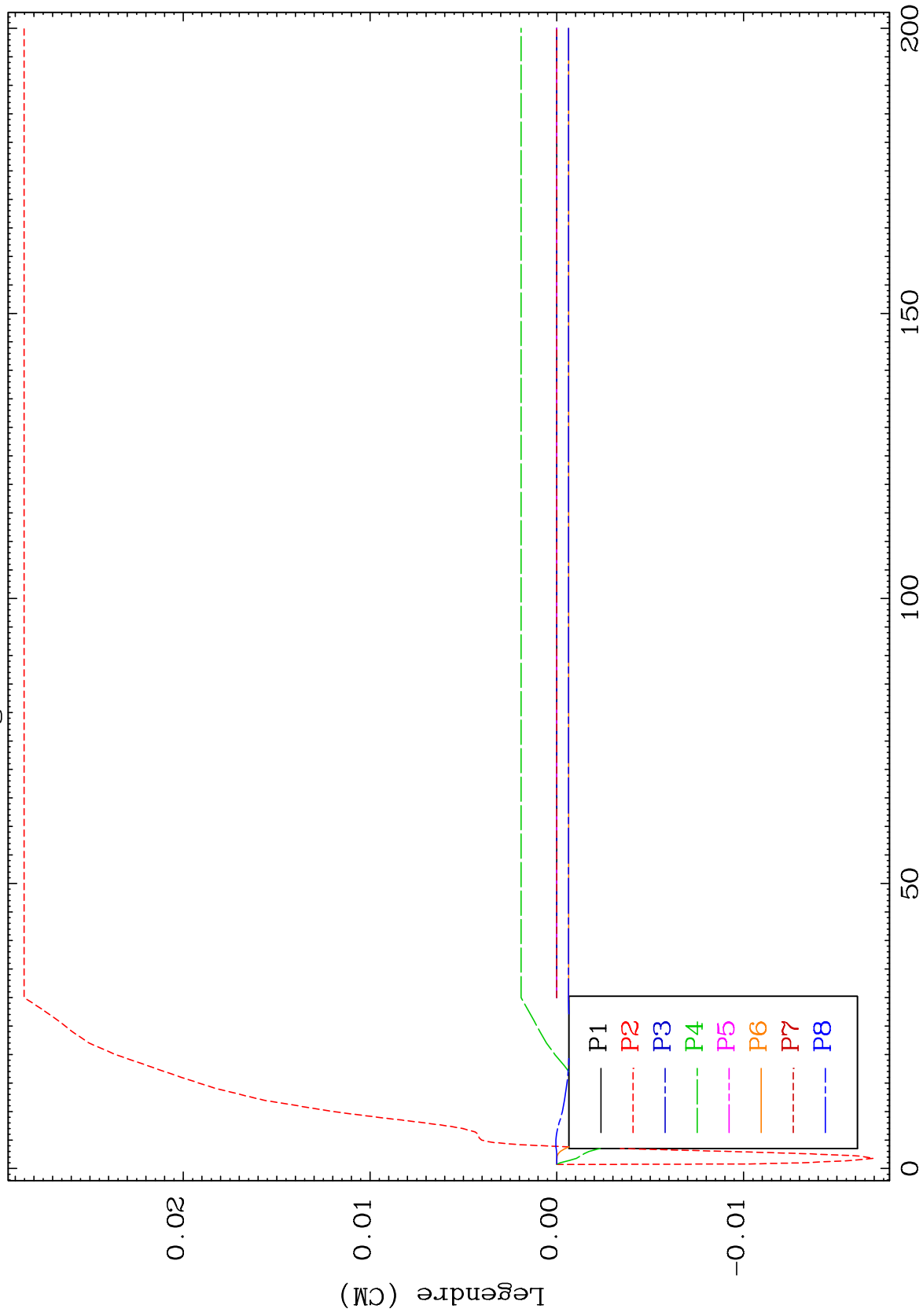
31



MAT 5146

51-Sb-128

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



51-Sb-128

Incident Energy (MeV)

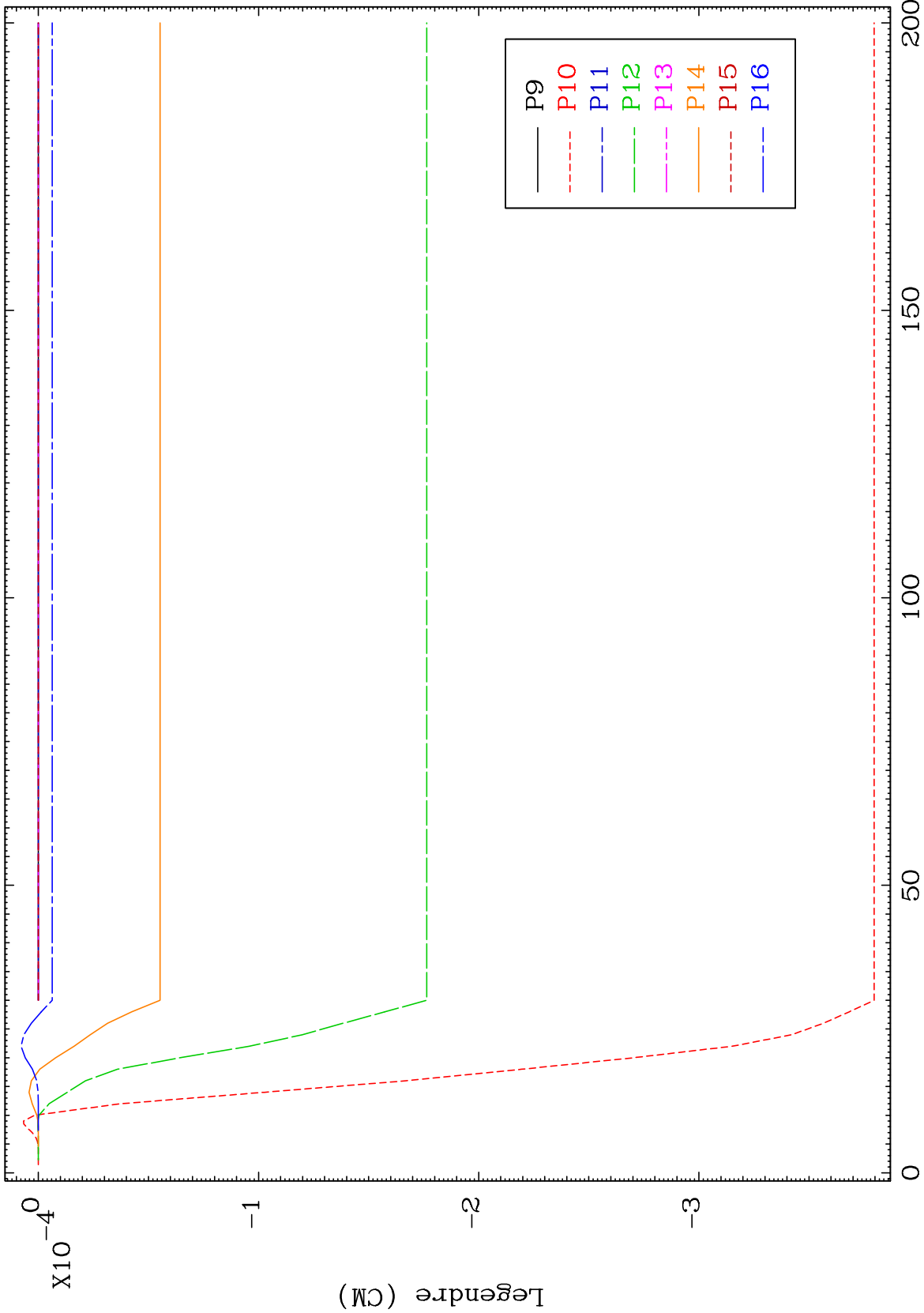
33

MAT 5146

MT= 55 (n,n') Level

51-Sb-128

Legendre Coefficients



34

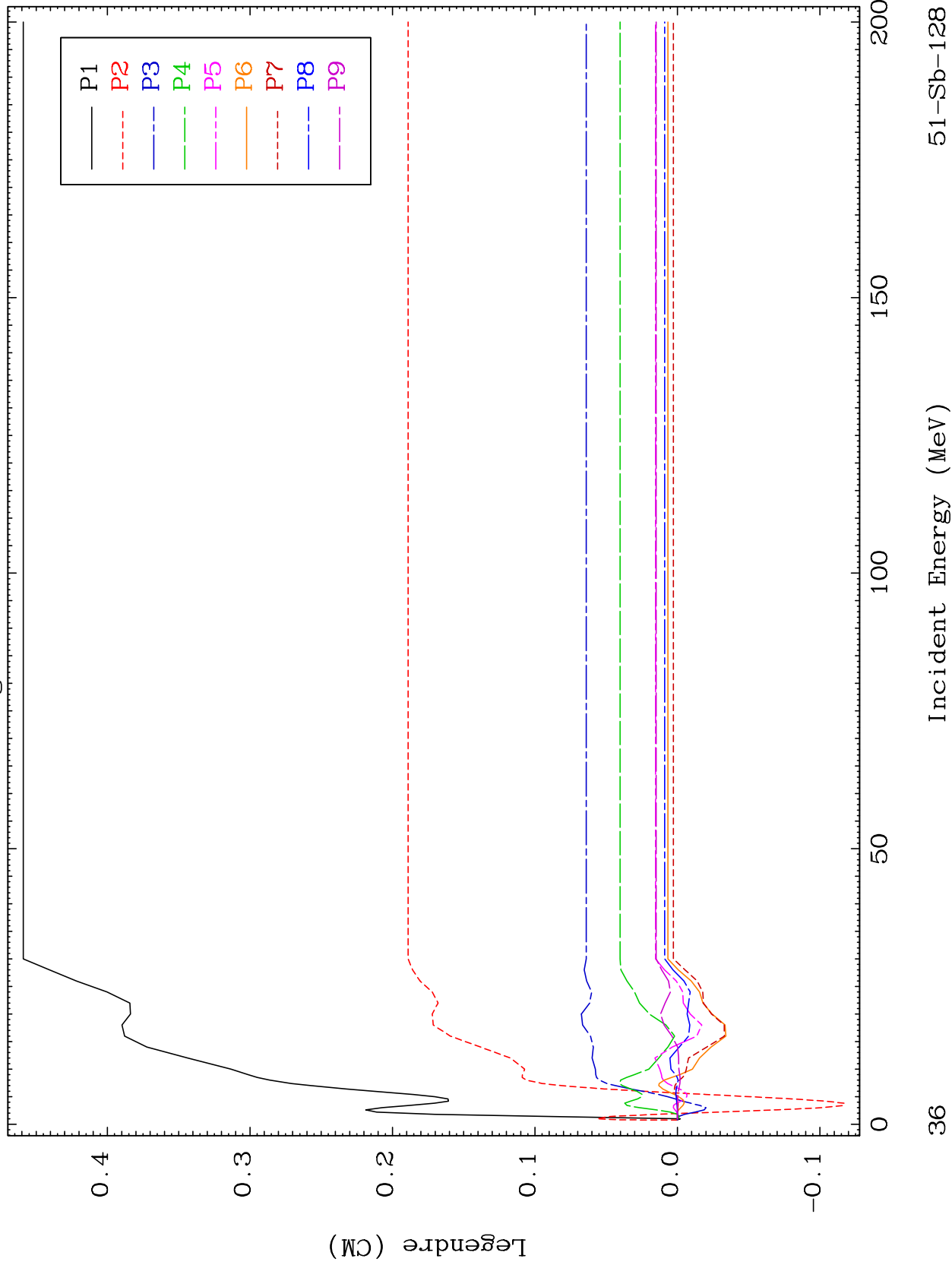
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

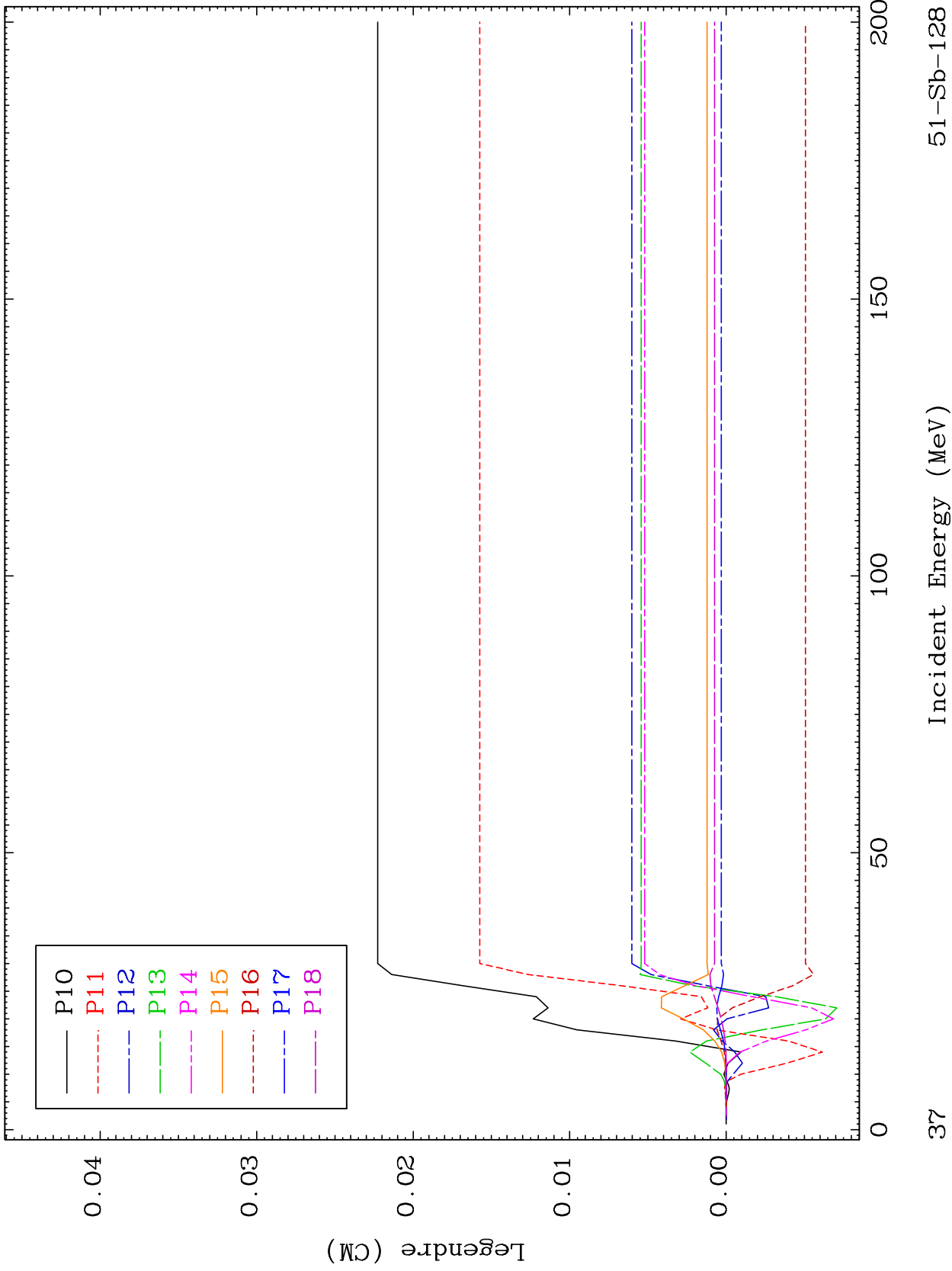
51-Sb-128



51-Sb-128

Incident Energy (MeV)

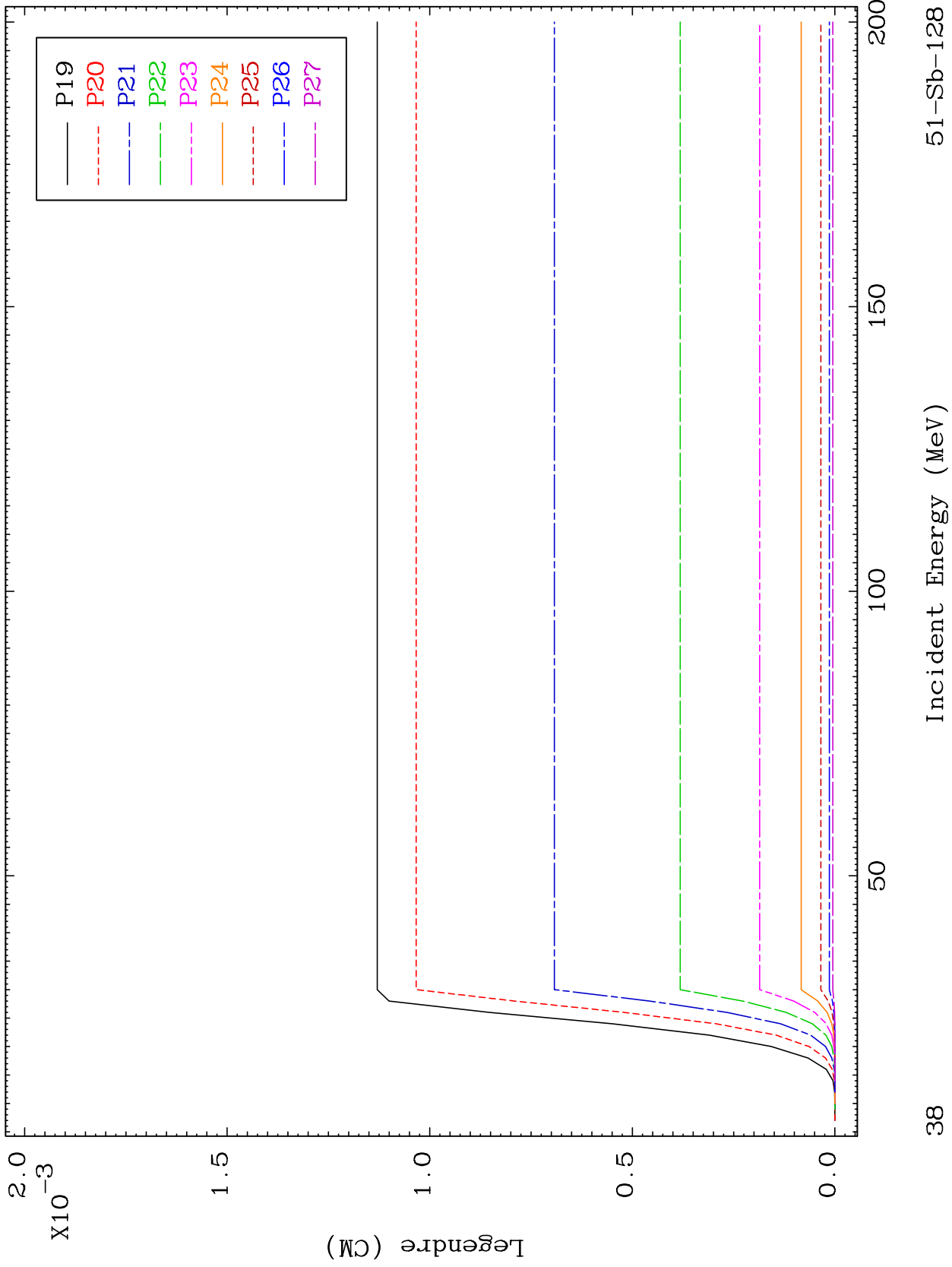
36



MAT 5146

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

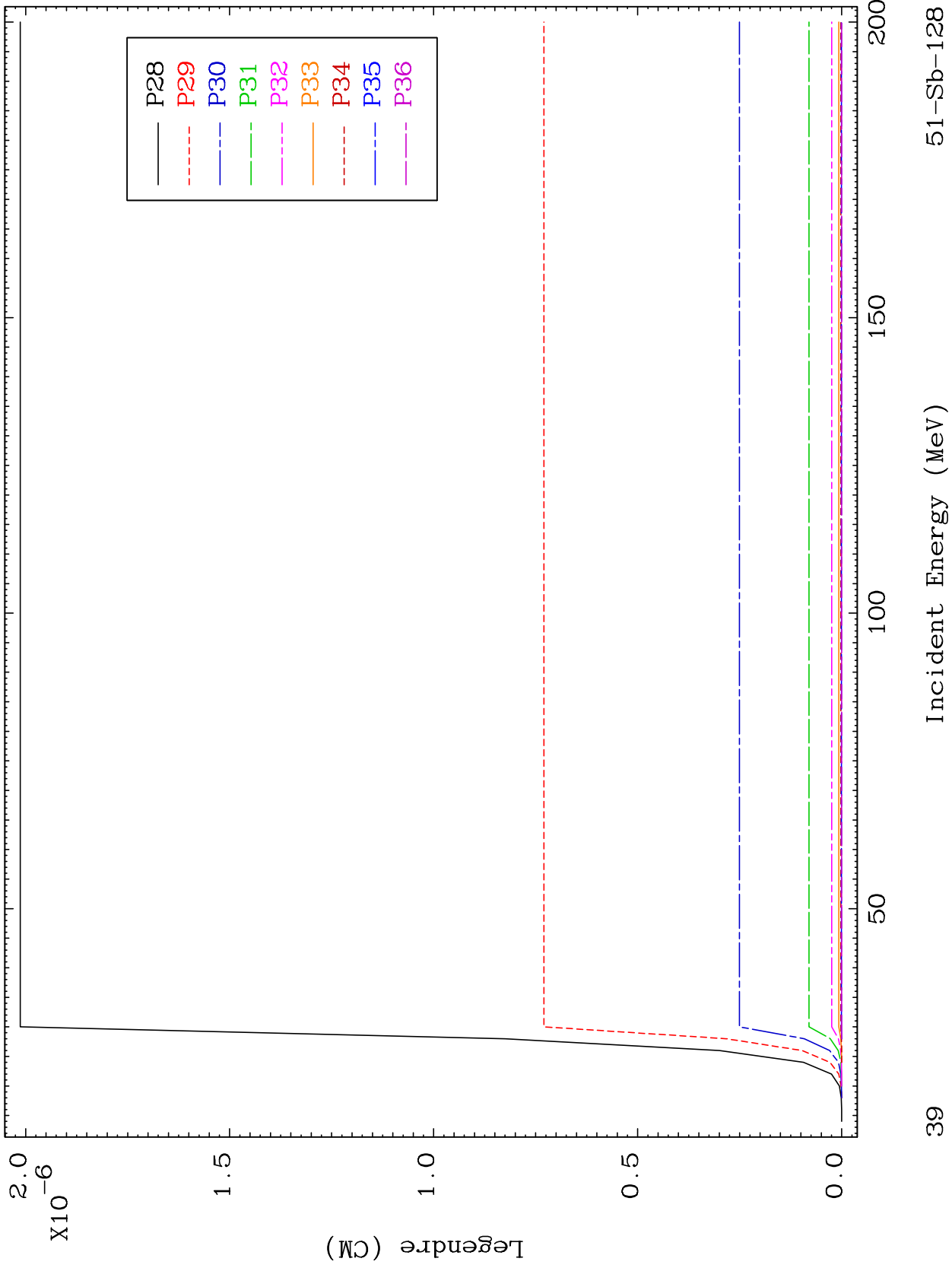
51-Sb-128



MAT 5146

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

51-Sb-128



39

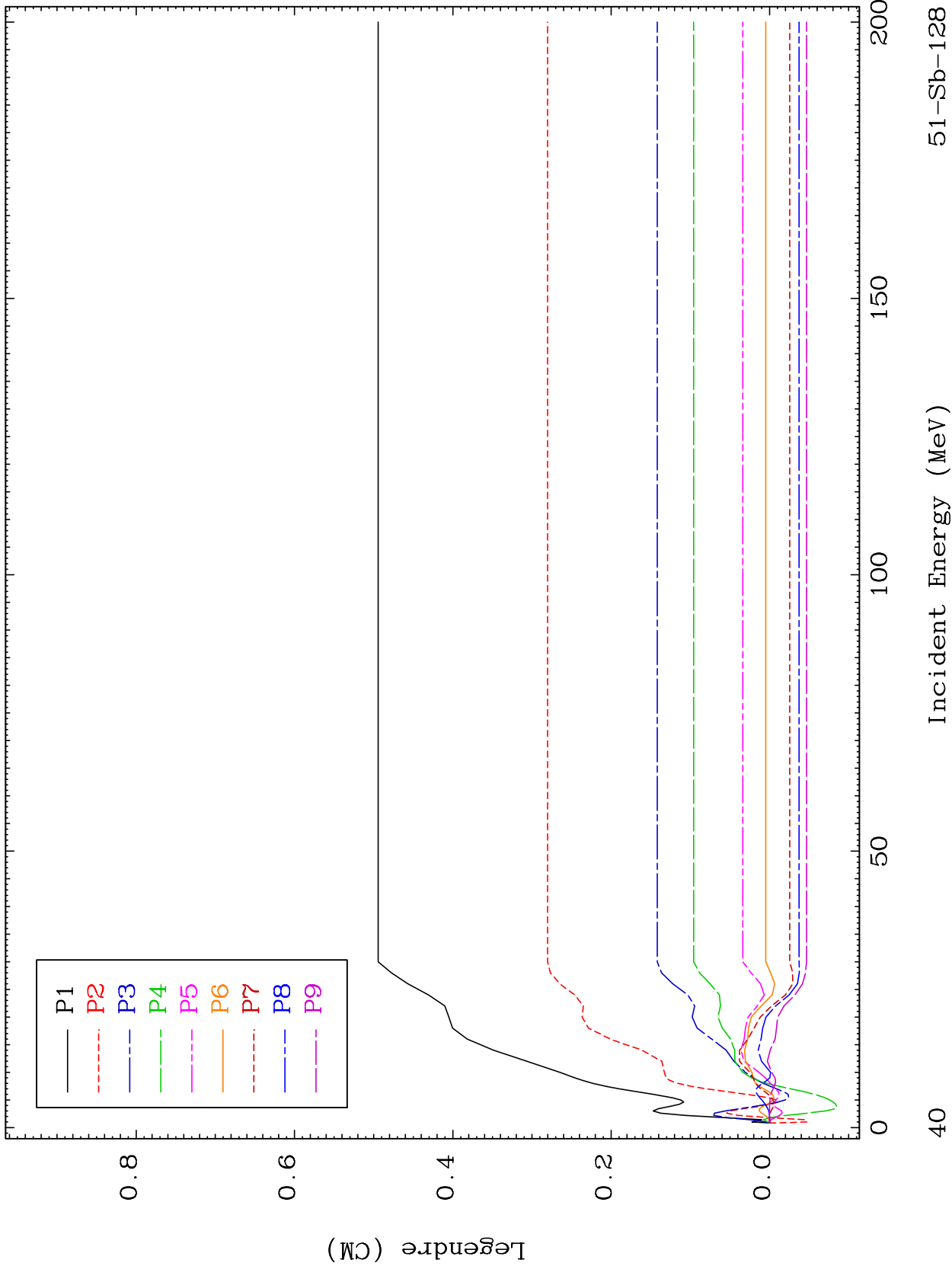
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

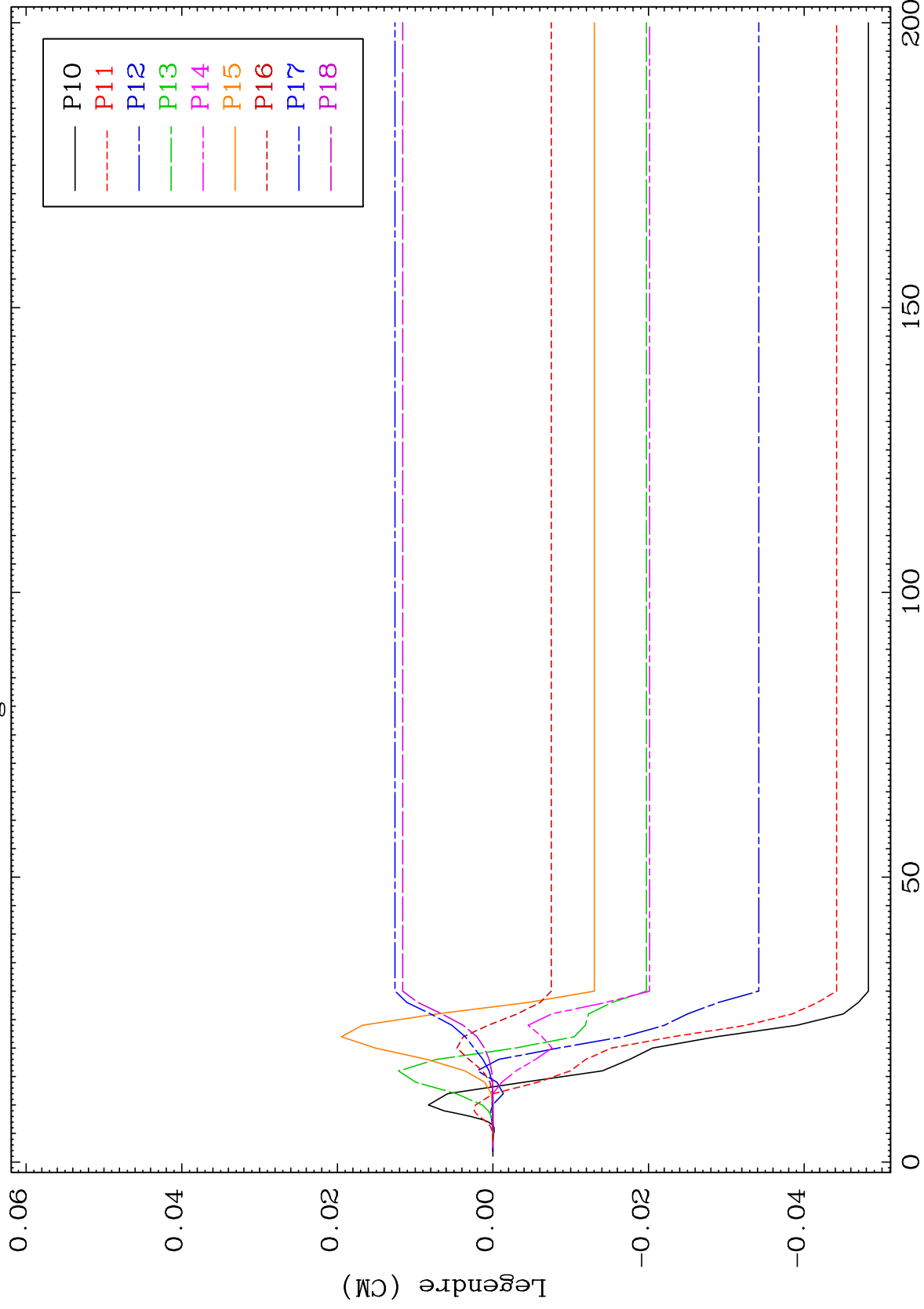
51-Sb-128



MAT 5146

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

51-Sb-128



41

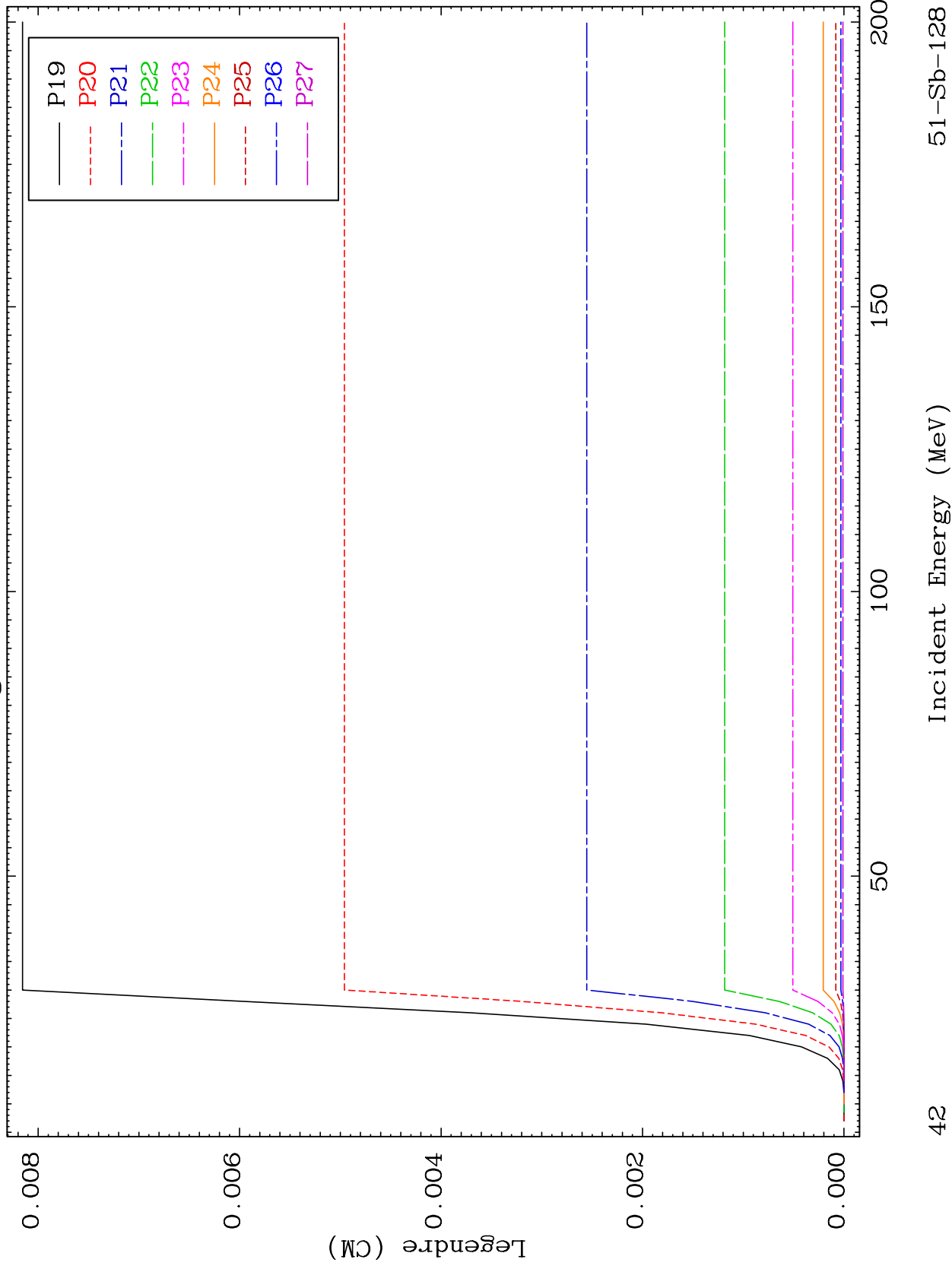
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



42

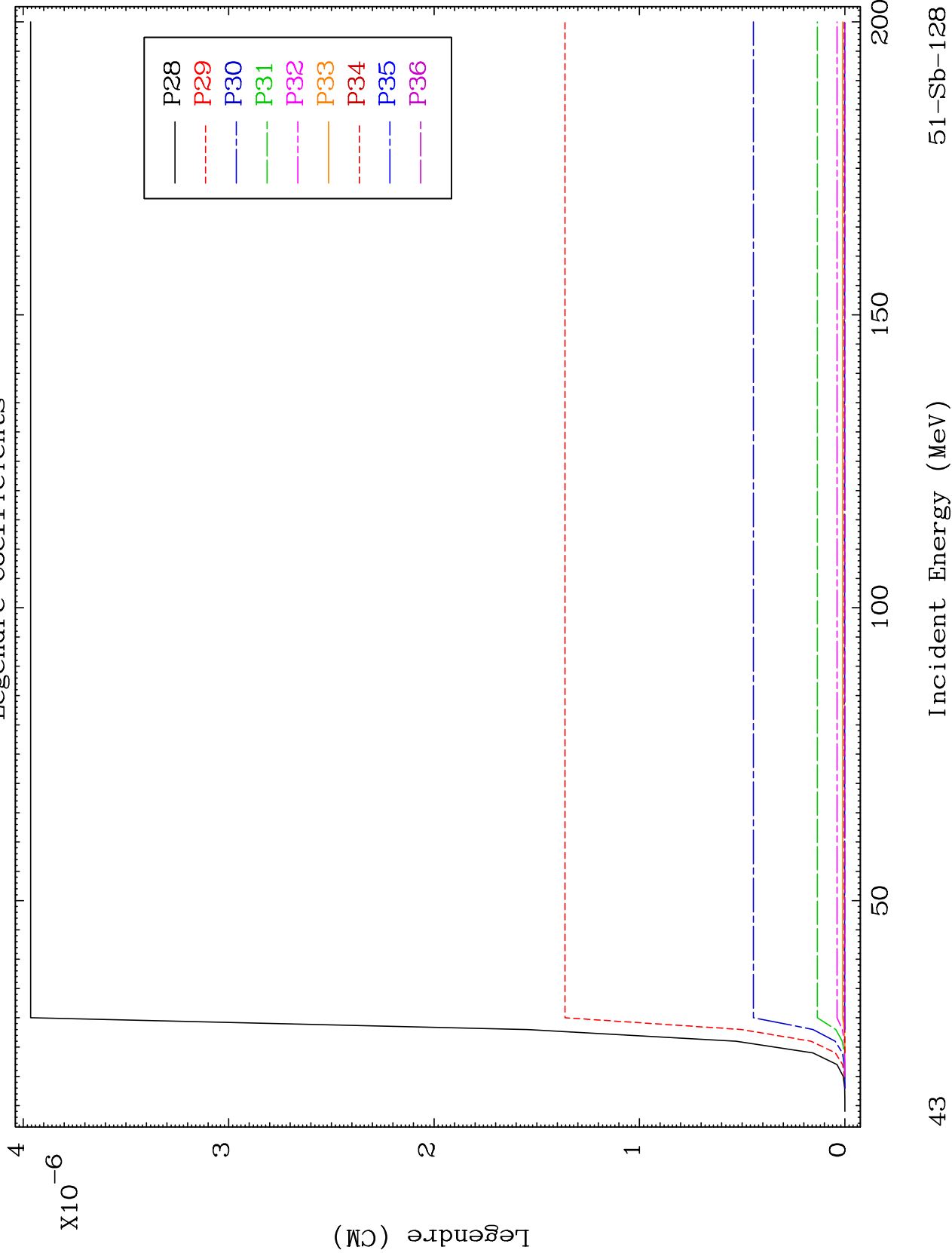
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



43

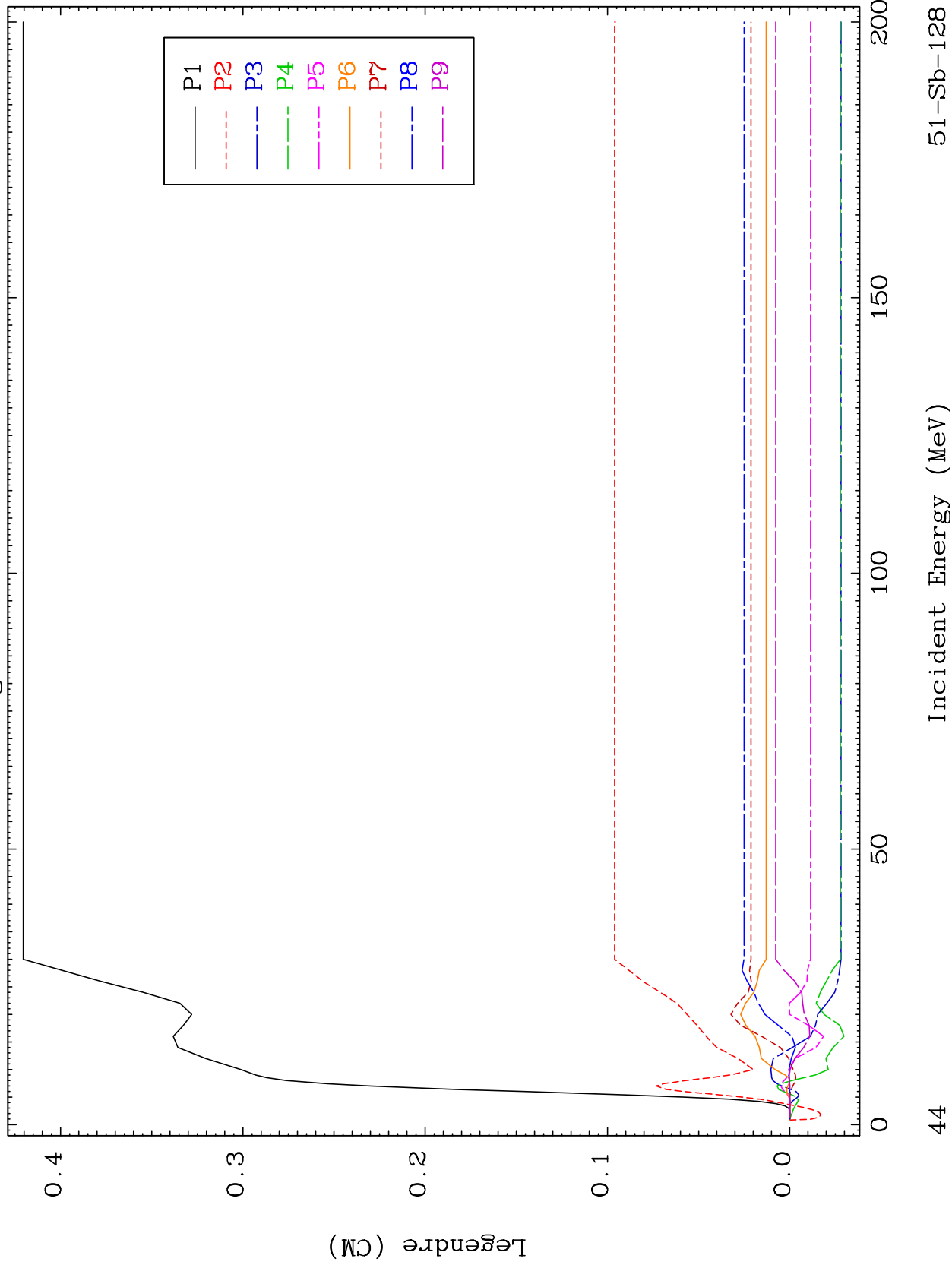
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

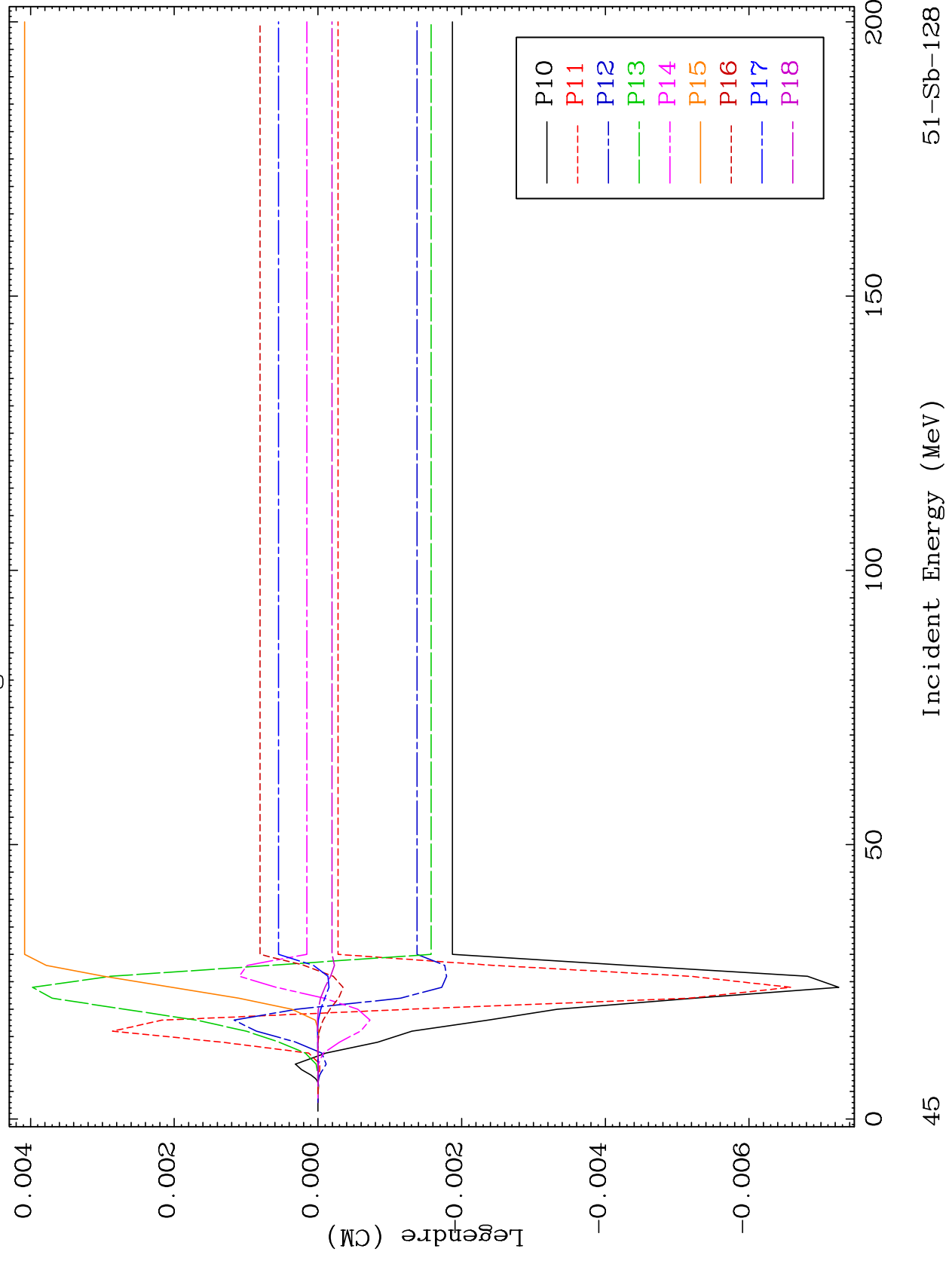
Incident Energy (MeV)

44

MAT 5146

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

51-Sb-128



51-Sb-128

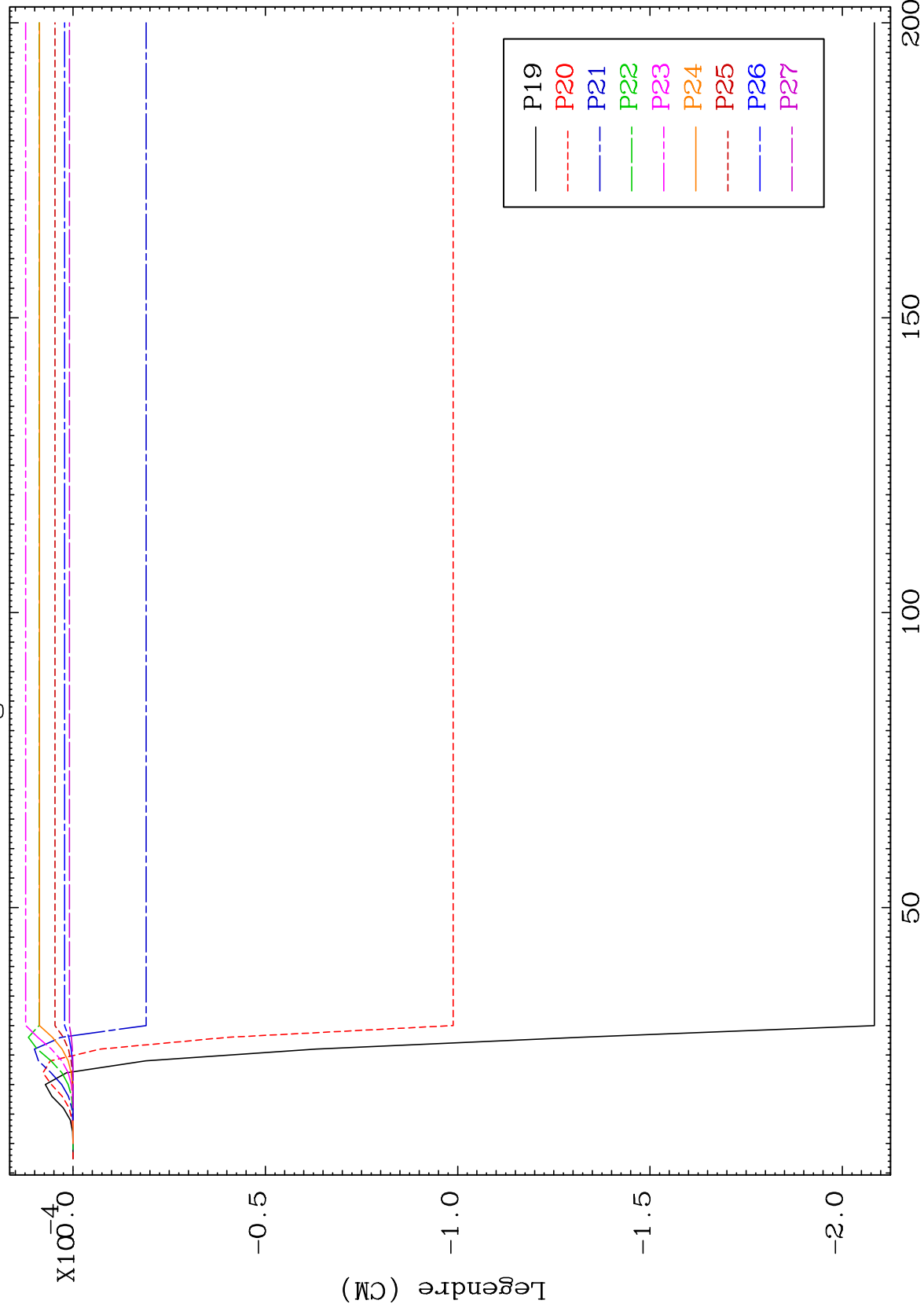
Incident Energy (MeV)

45

MAT 5146

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

51-Sb-128



46

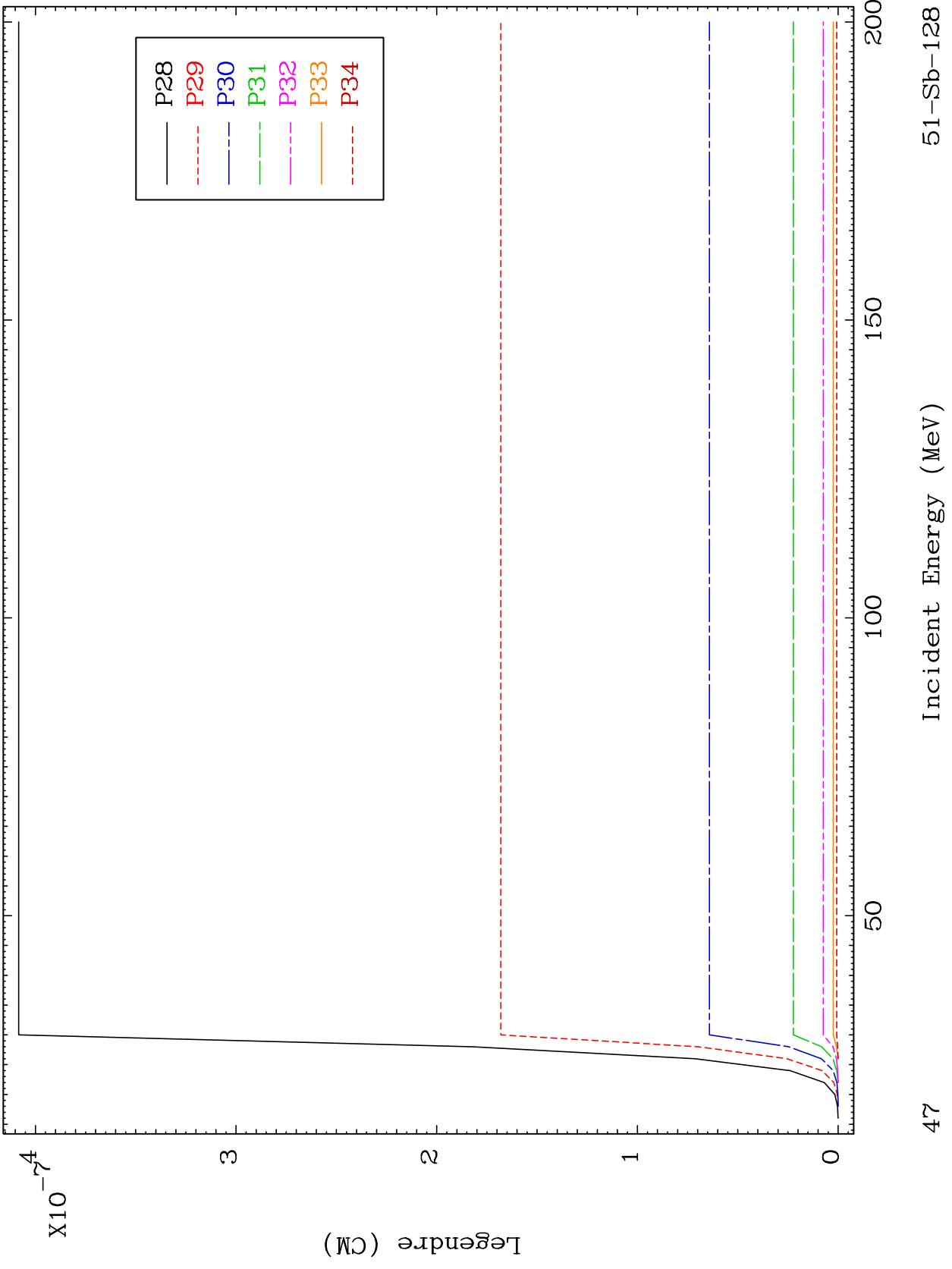
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



47

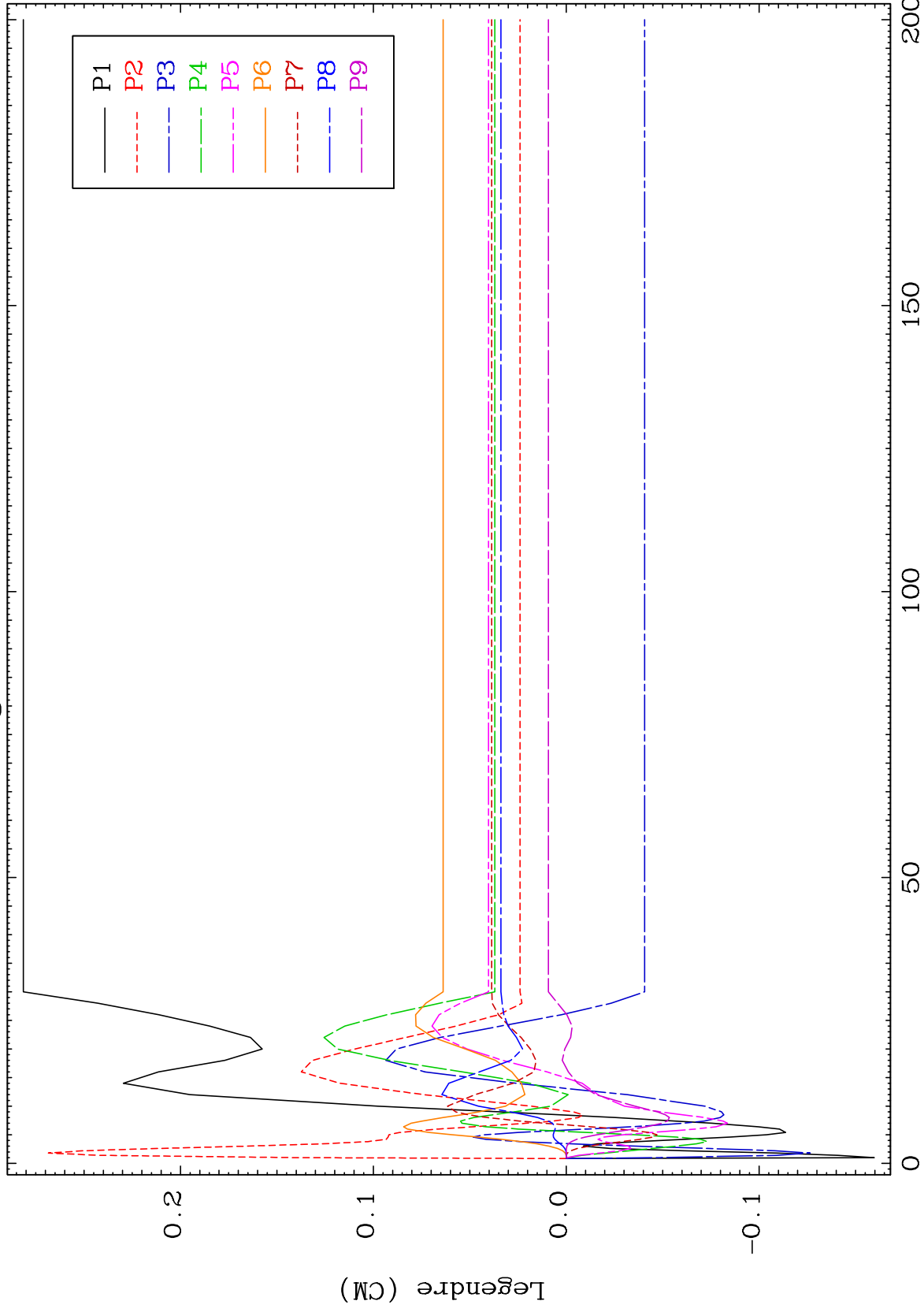
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



48

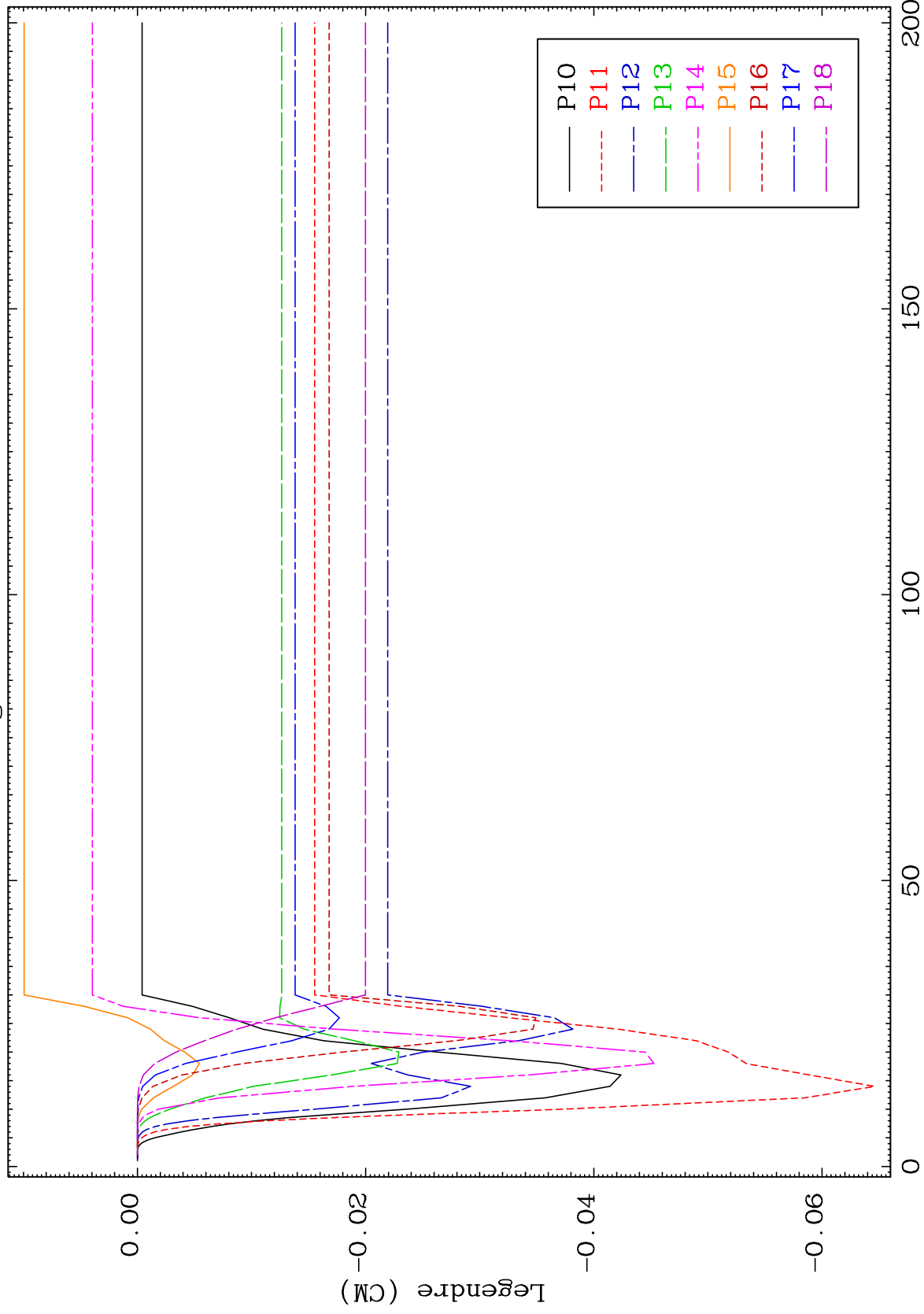
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



49

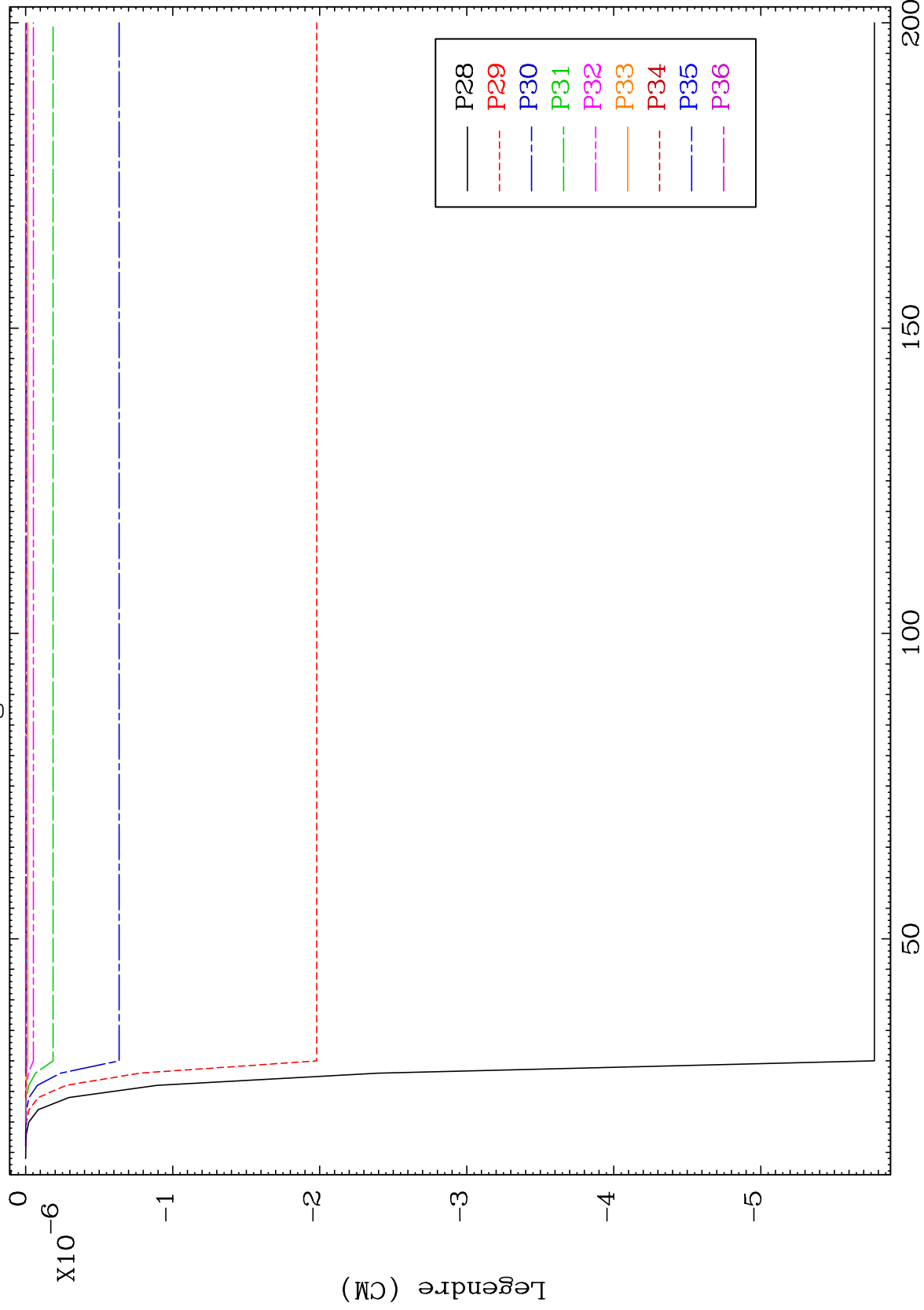
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51

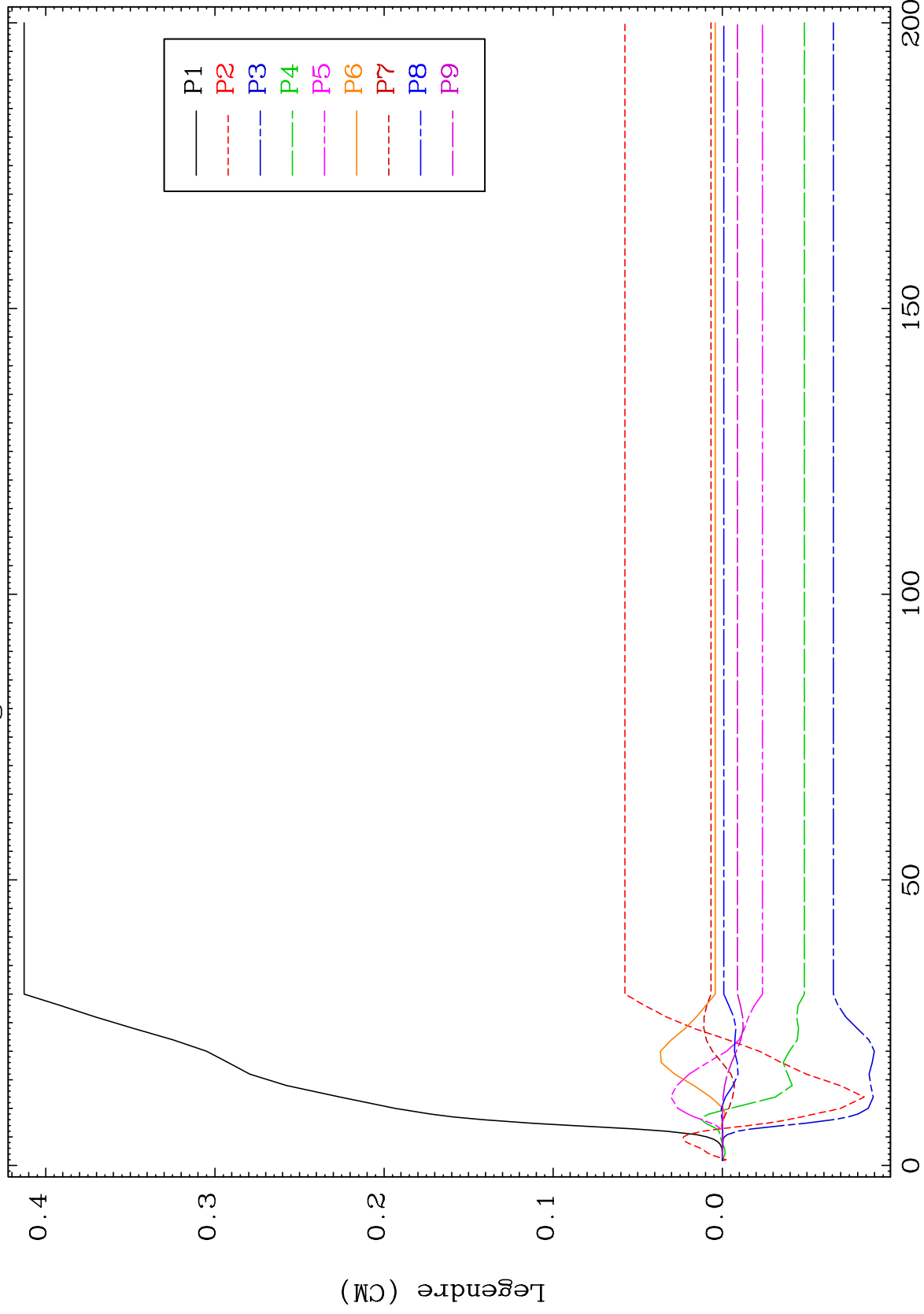
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



52

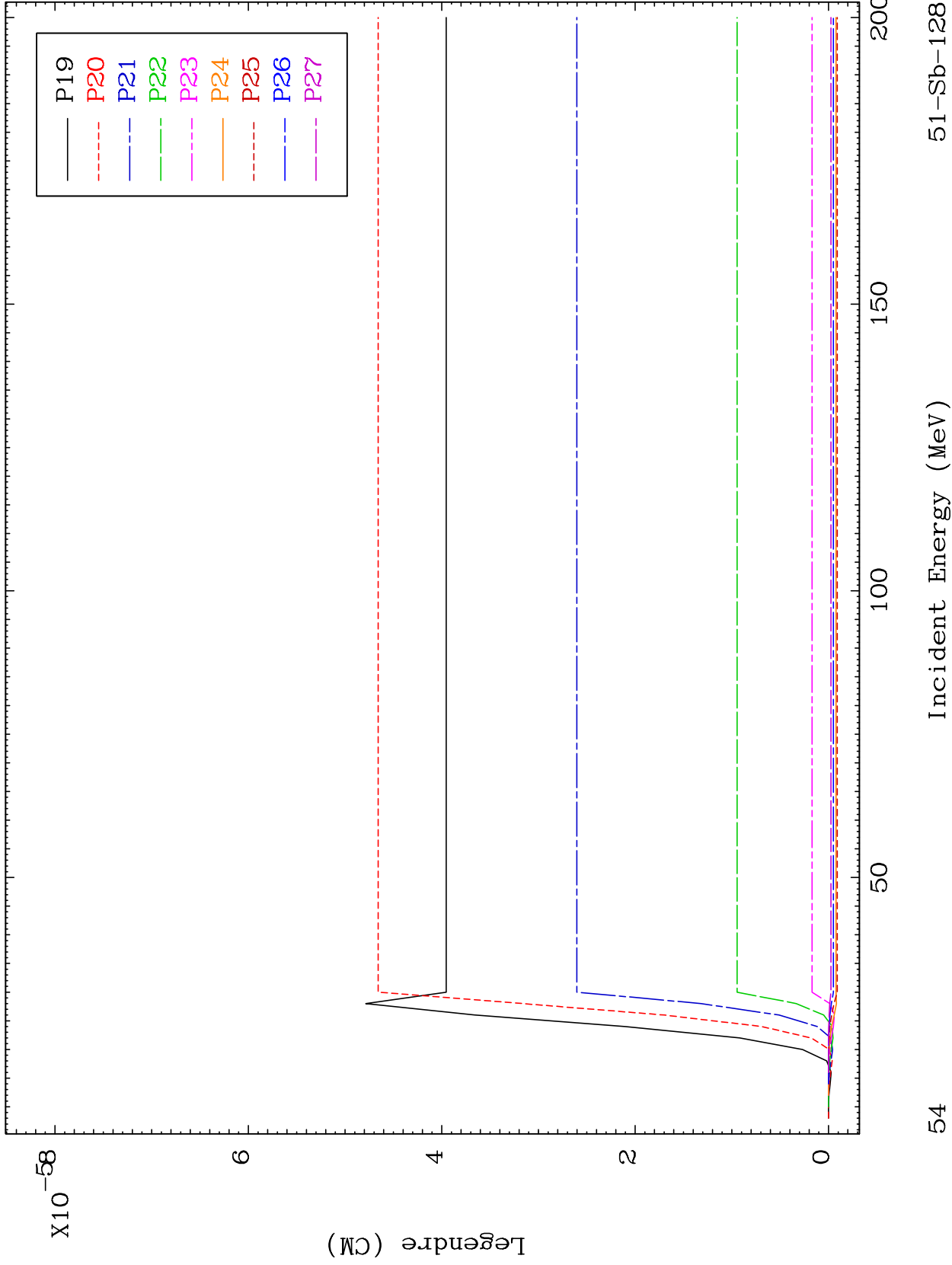
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128

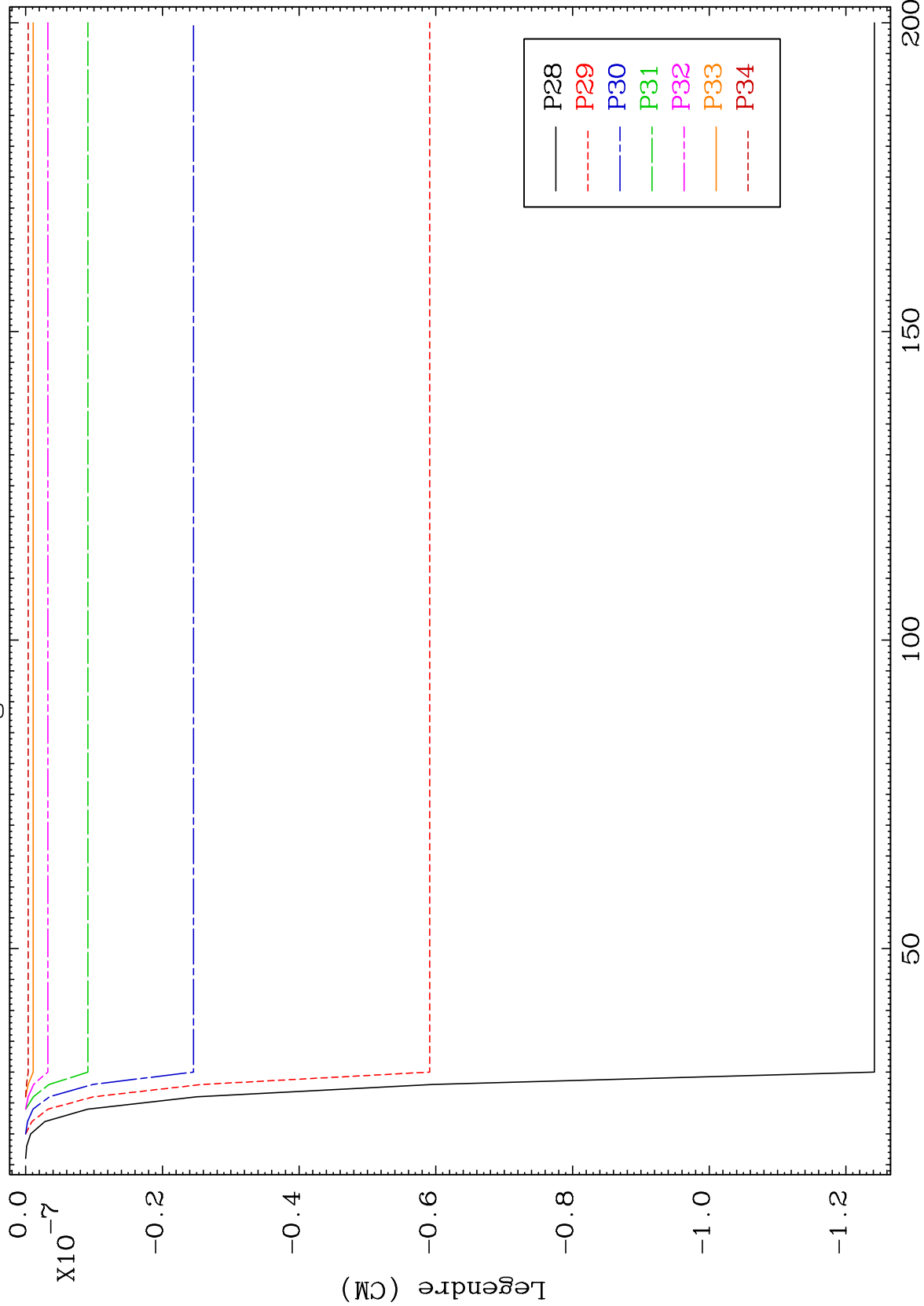


MAT 5146

MT= 60 (n,n') Level

51-Sb-128

Legendre Coefficients



55

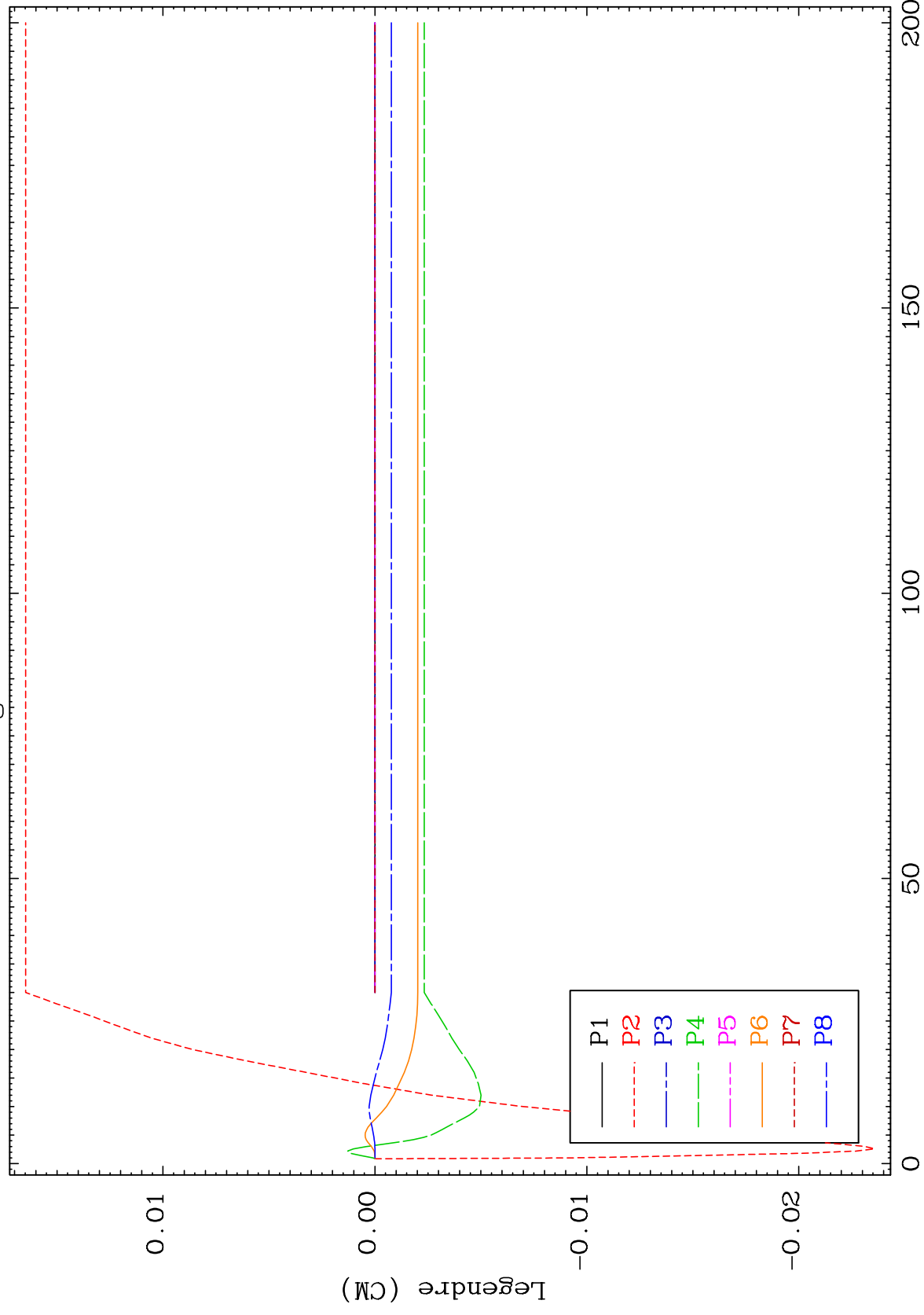
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

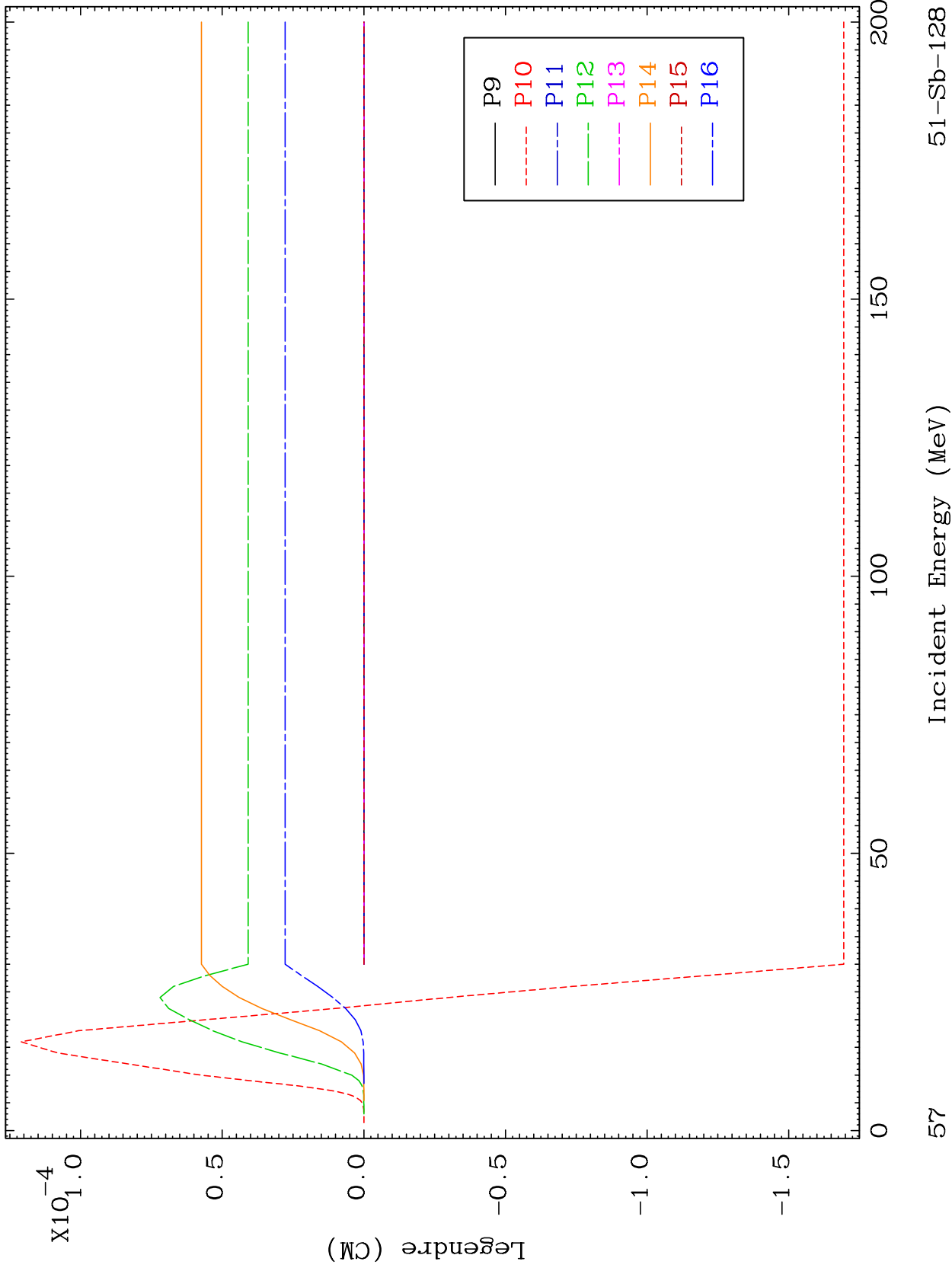
Incident Energy (MeV)

56

MAT 5146

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

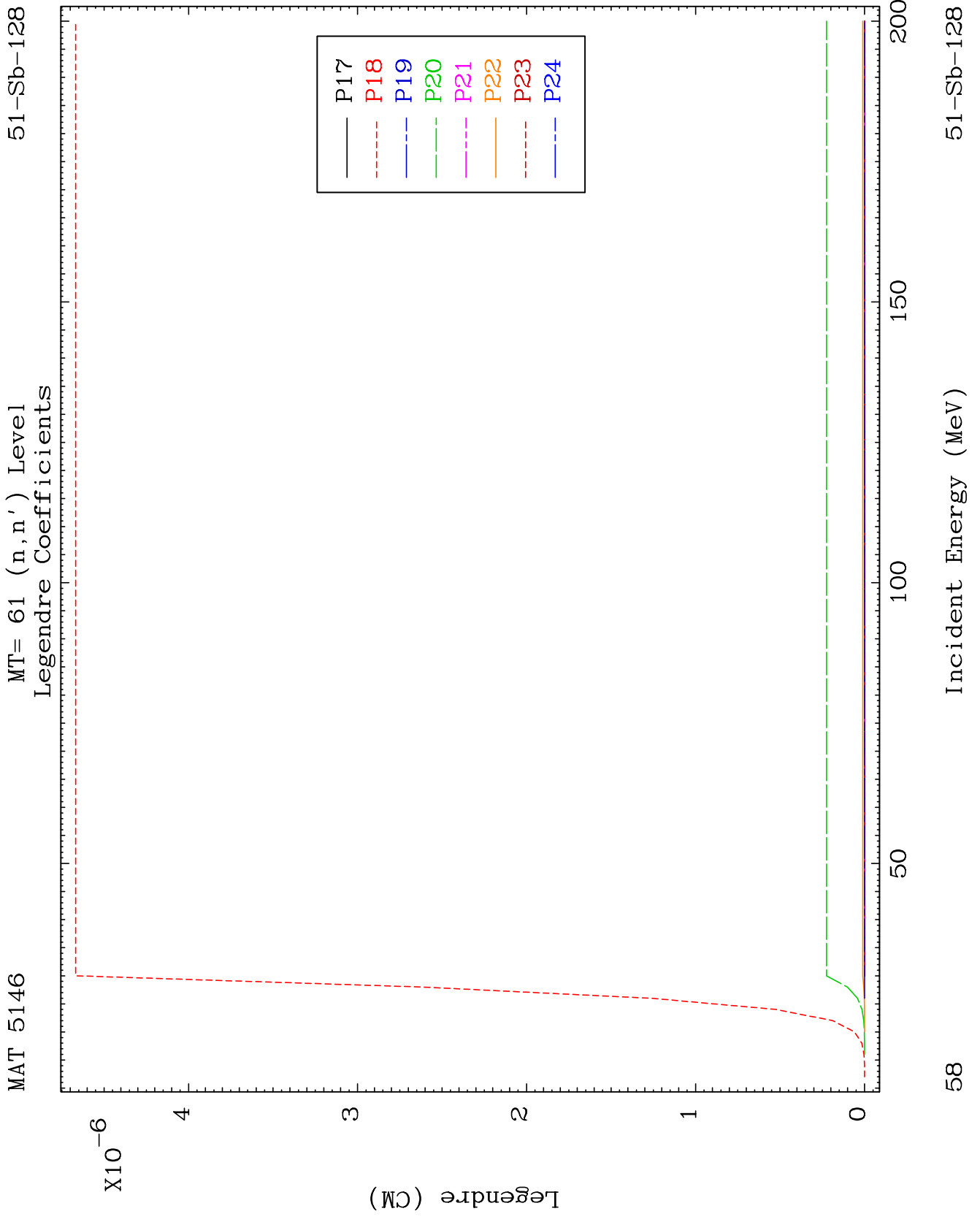
51-Sb-128



57

Incident Energy (MeV)

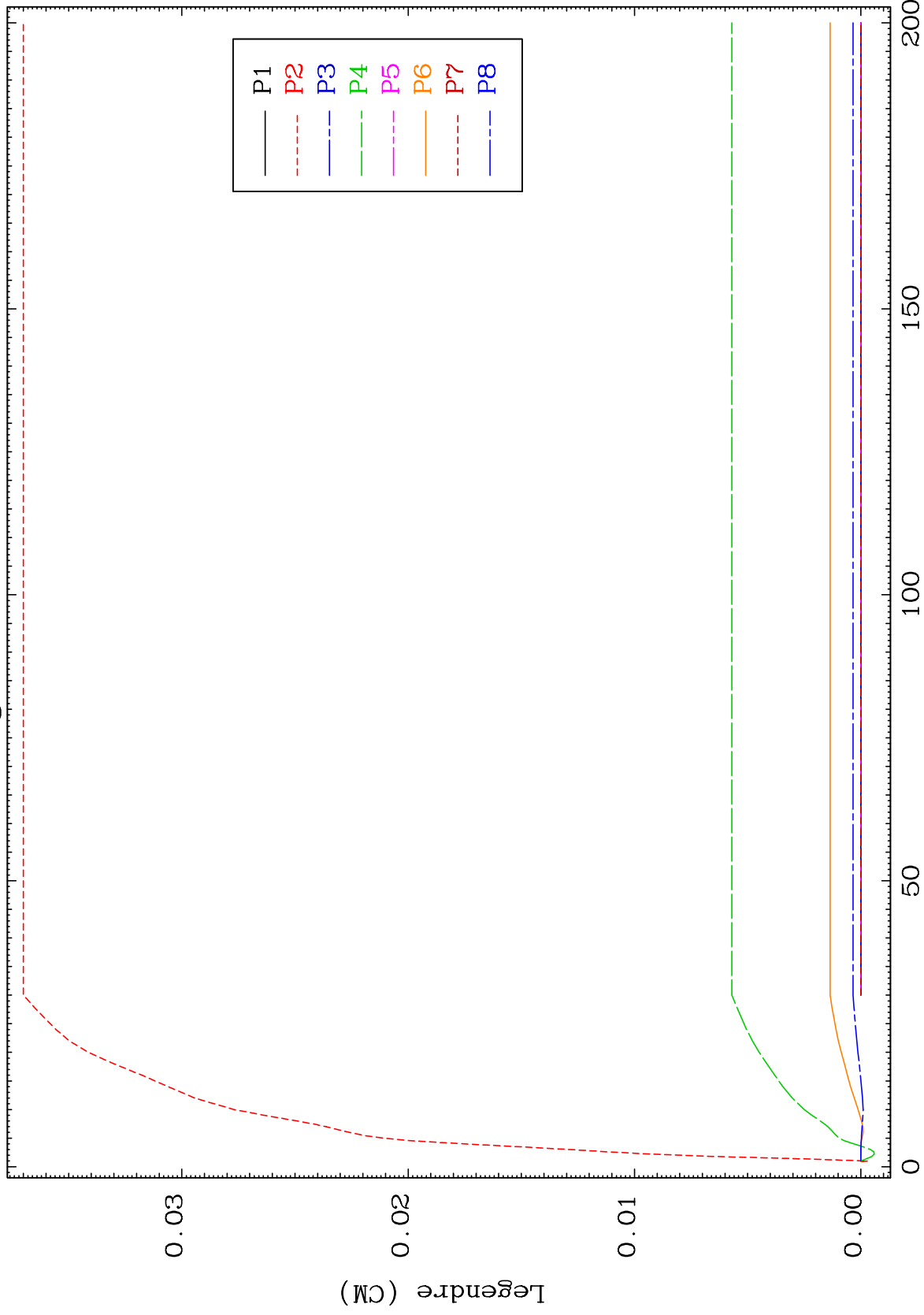
51-Sb-128



MAT 5146

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

51-Sb-128



59

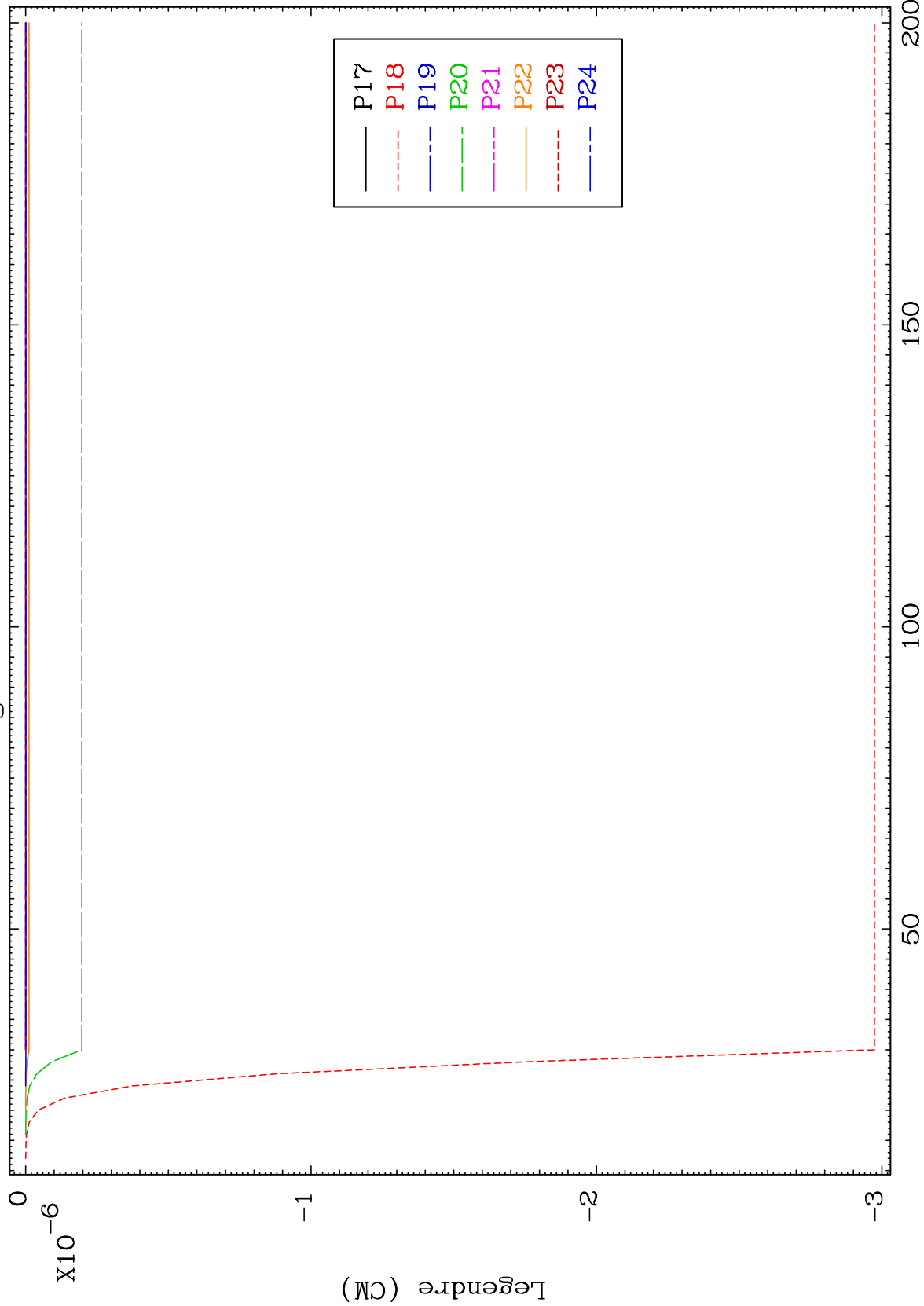
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

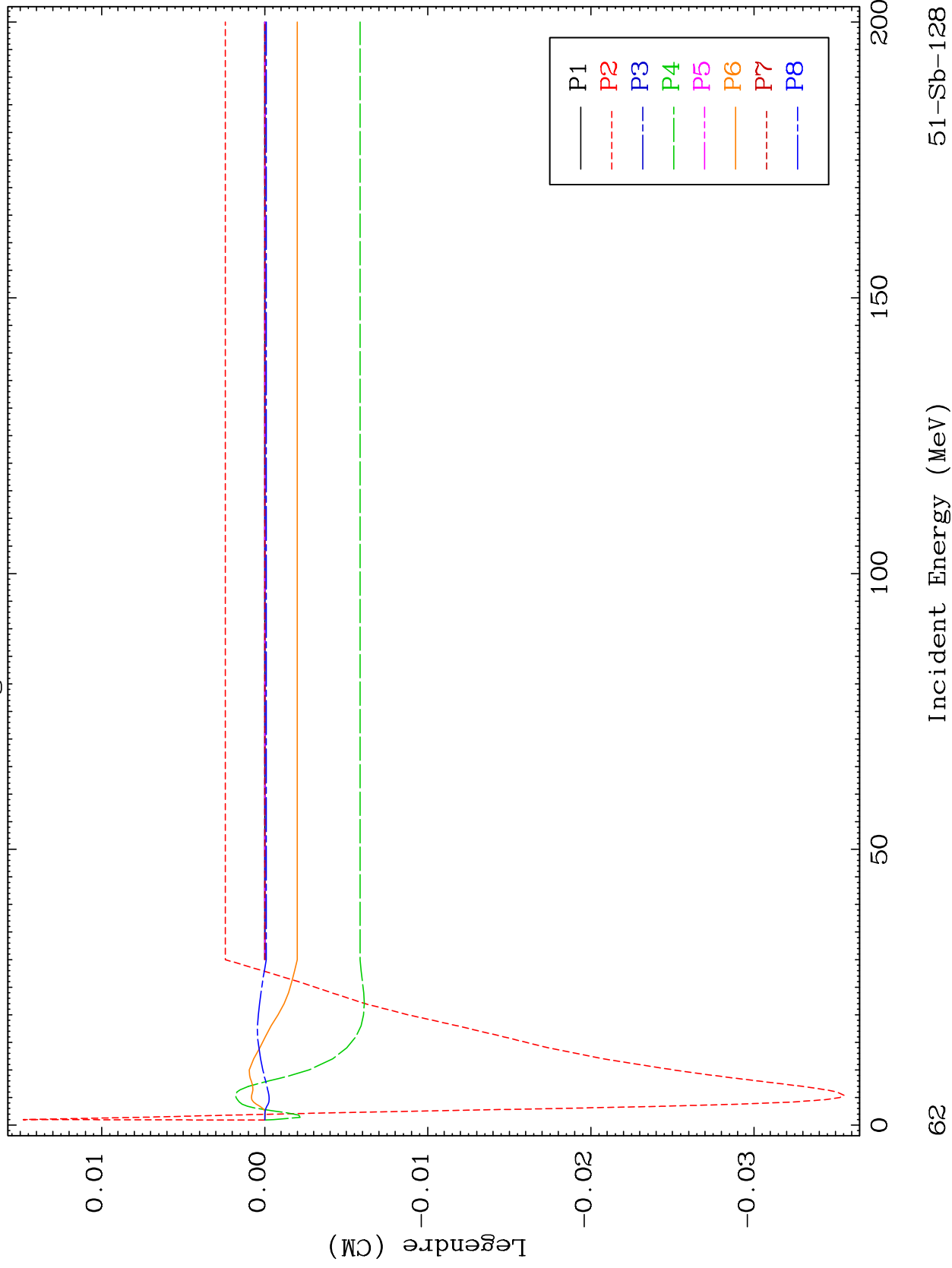
Incident Energy (MeV)

61

MAT 5146

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

51-Sb-128



51-Sb-128

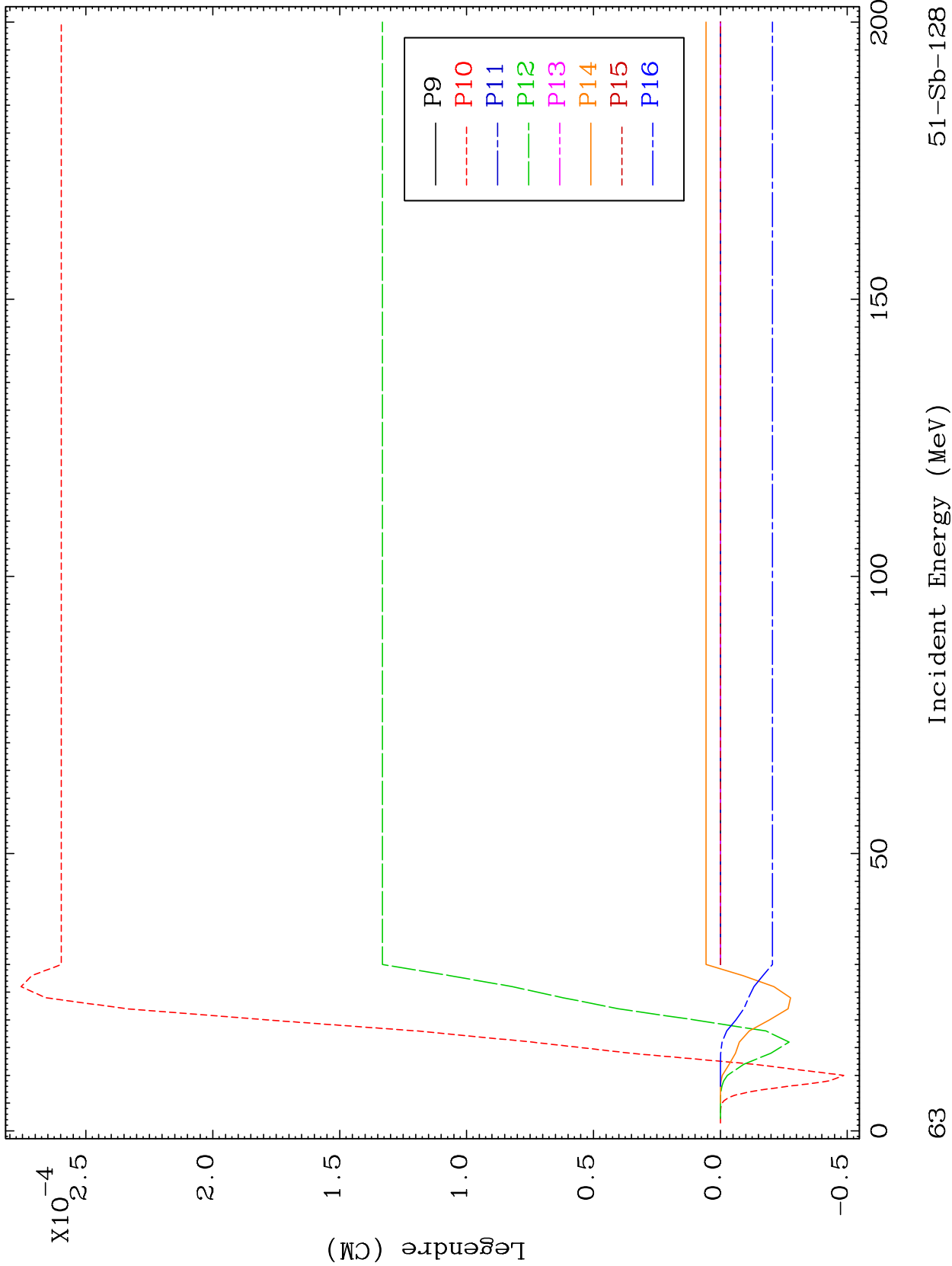
Incident Energy (MeV)

62

MAT 5146

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

51-Sb-128



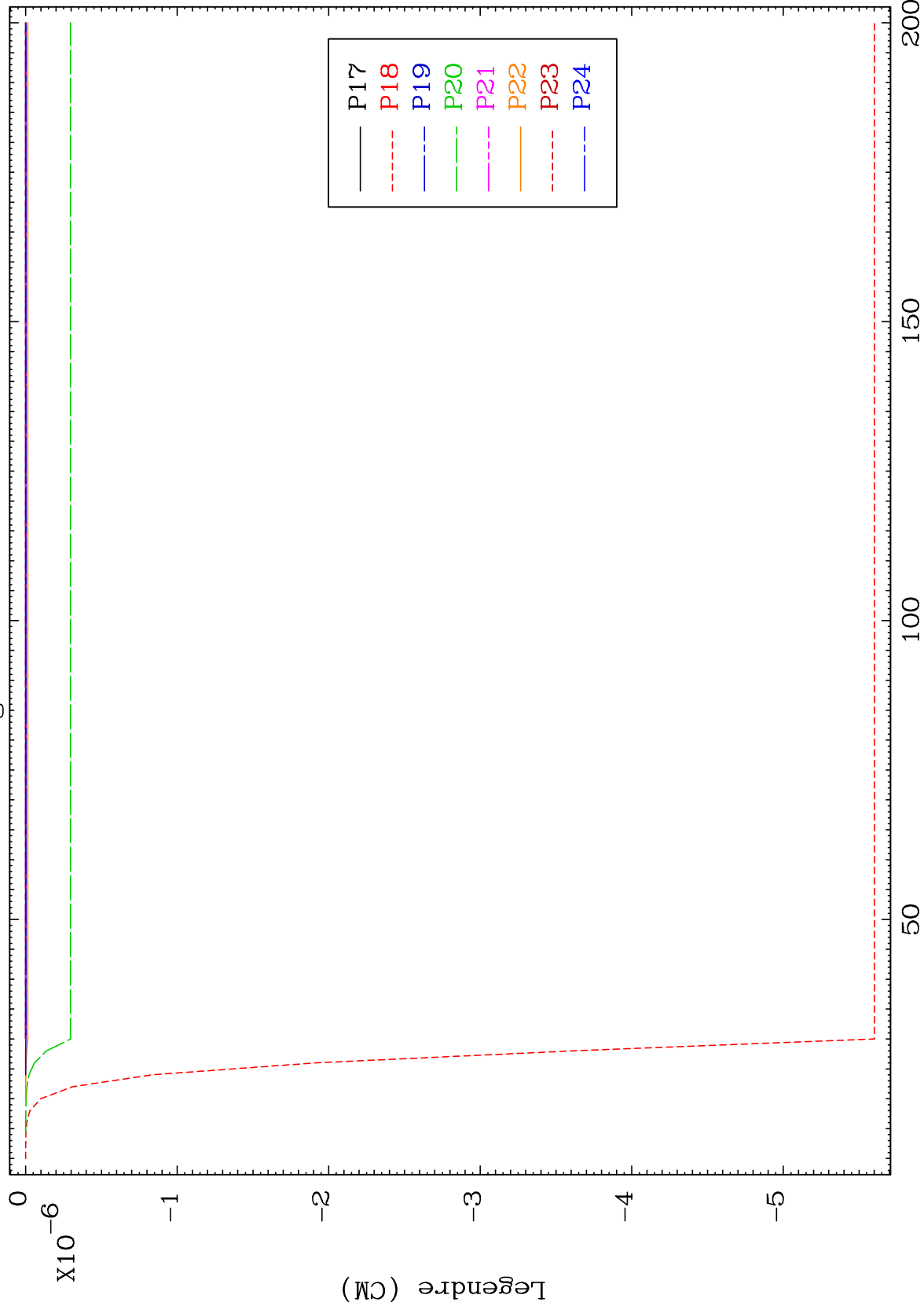
63

51-Sb-128

MAT 5146

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

51-Sb-128



64

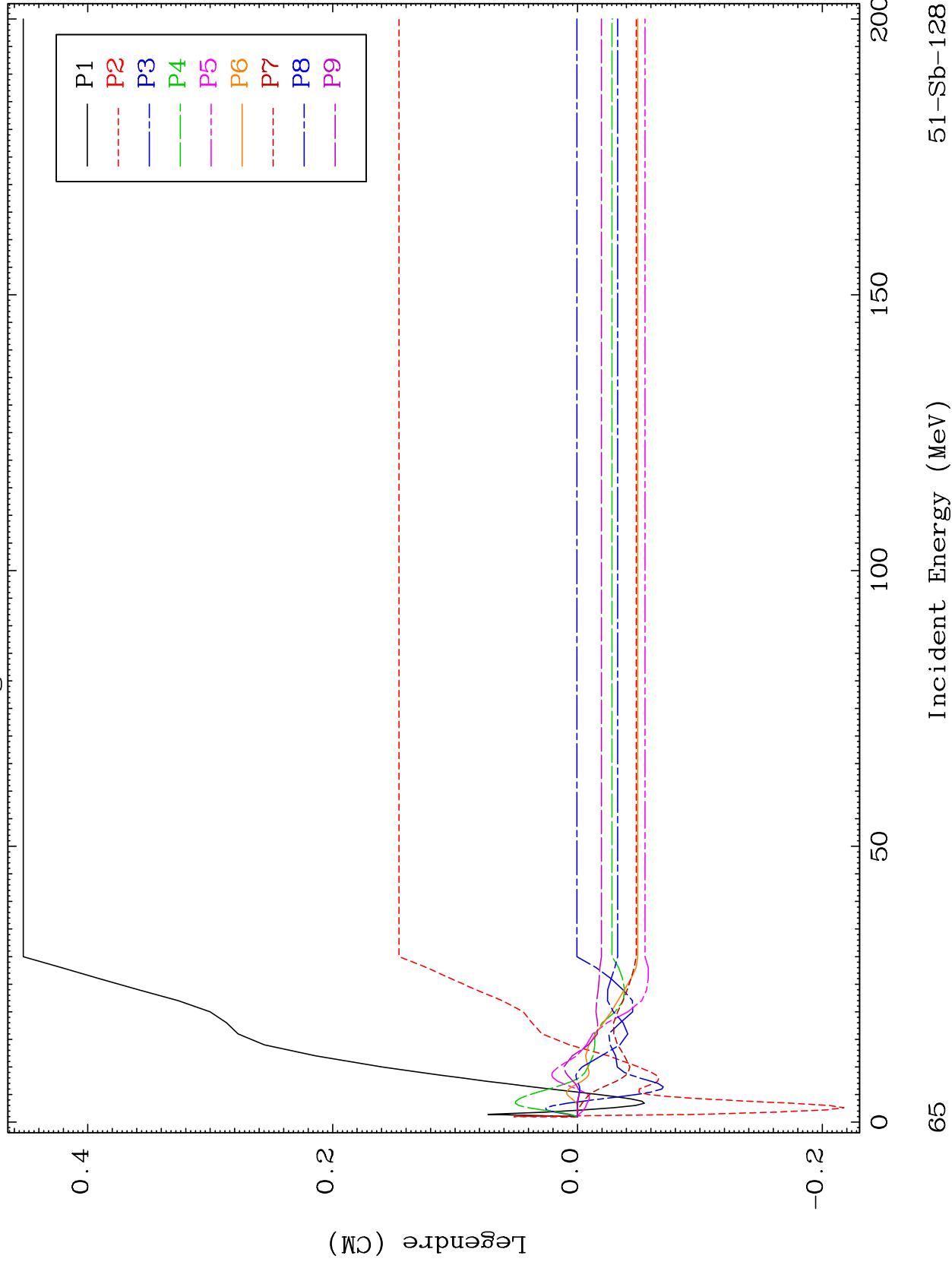
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

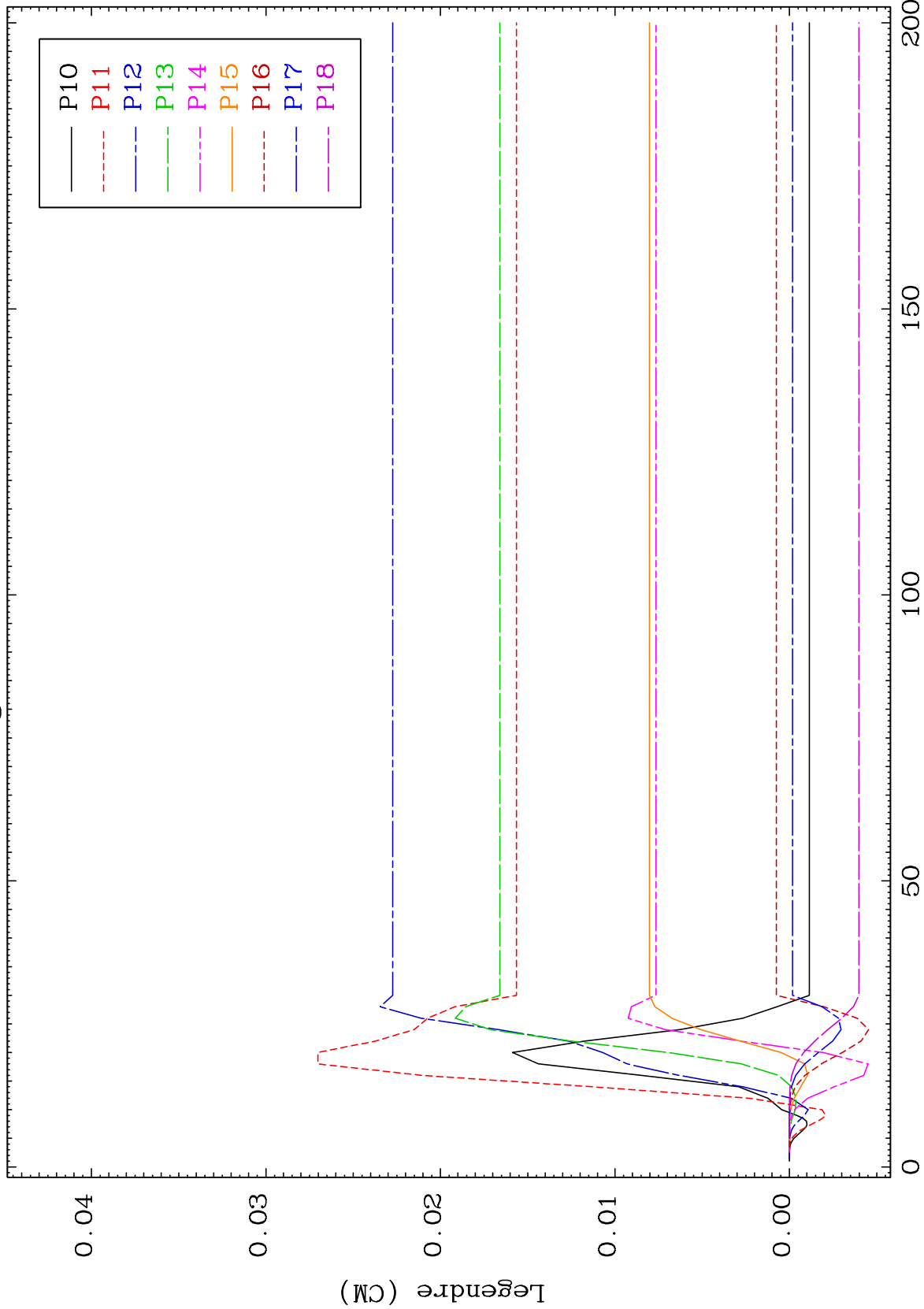
Incident Energy (MeV)

65

MAT 5146

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

51-Sb-128



66

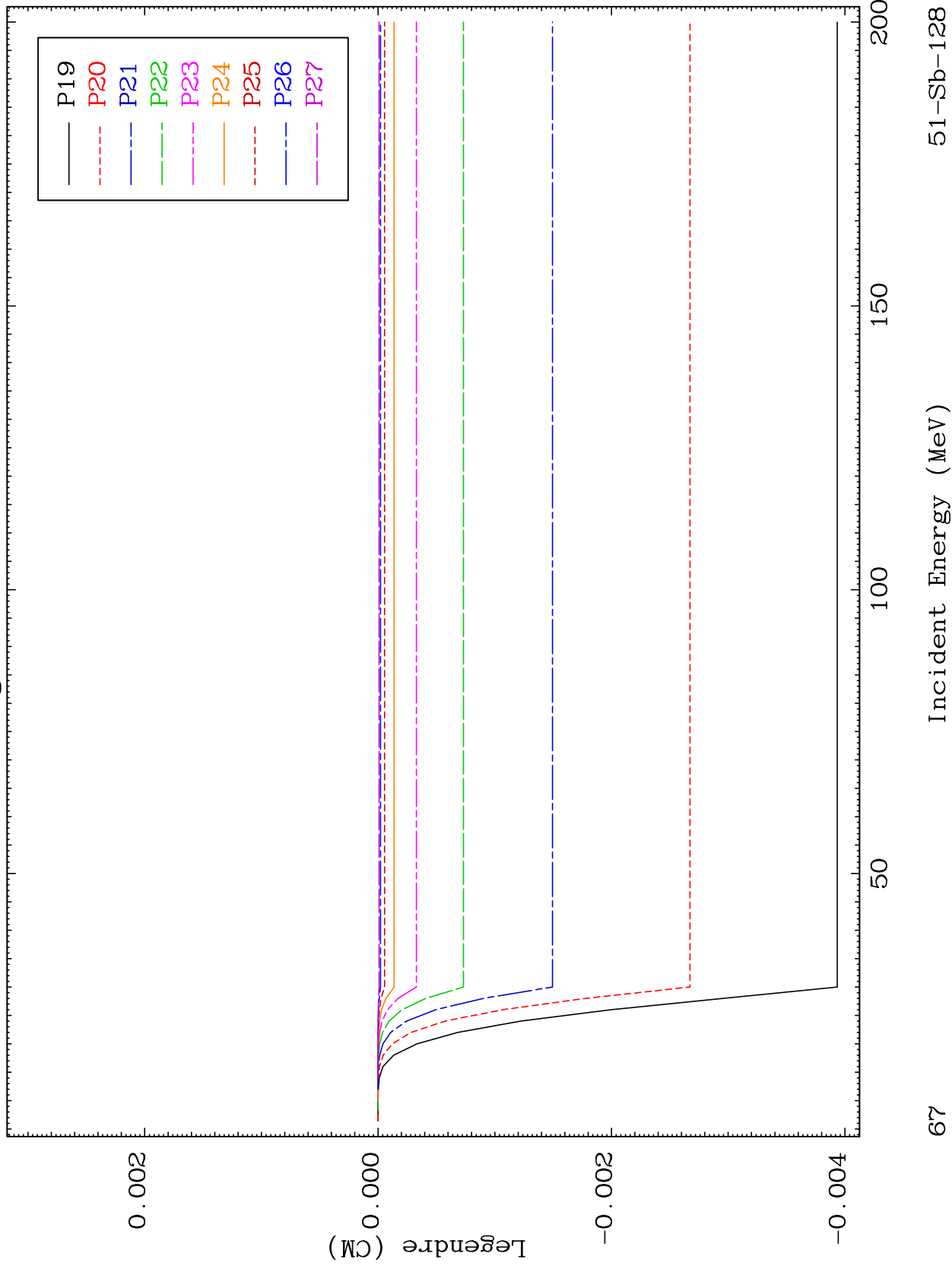
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



67

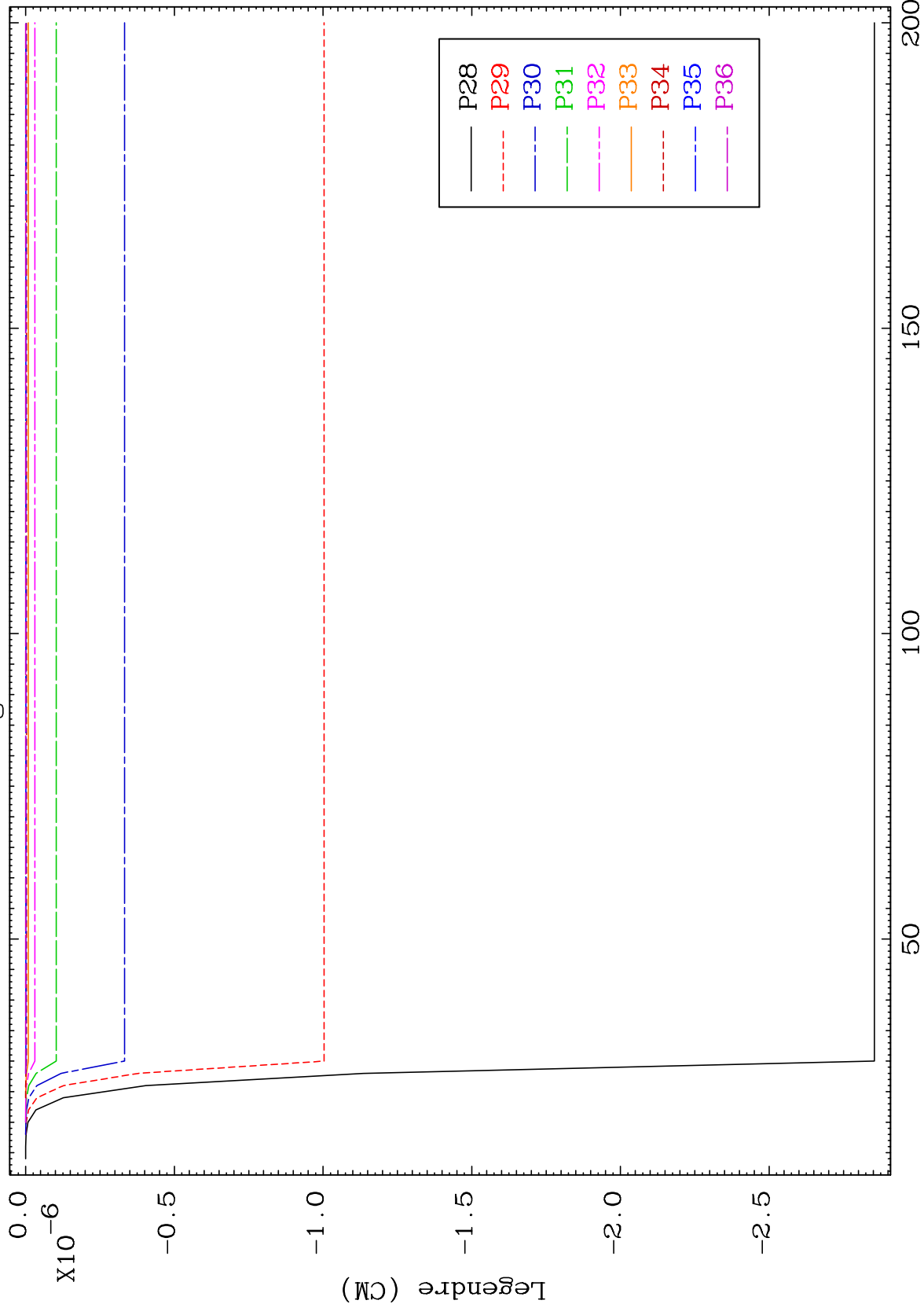
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



68

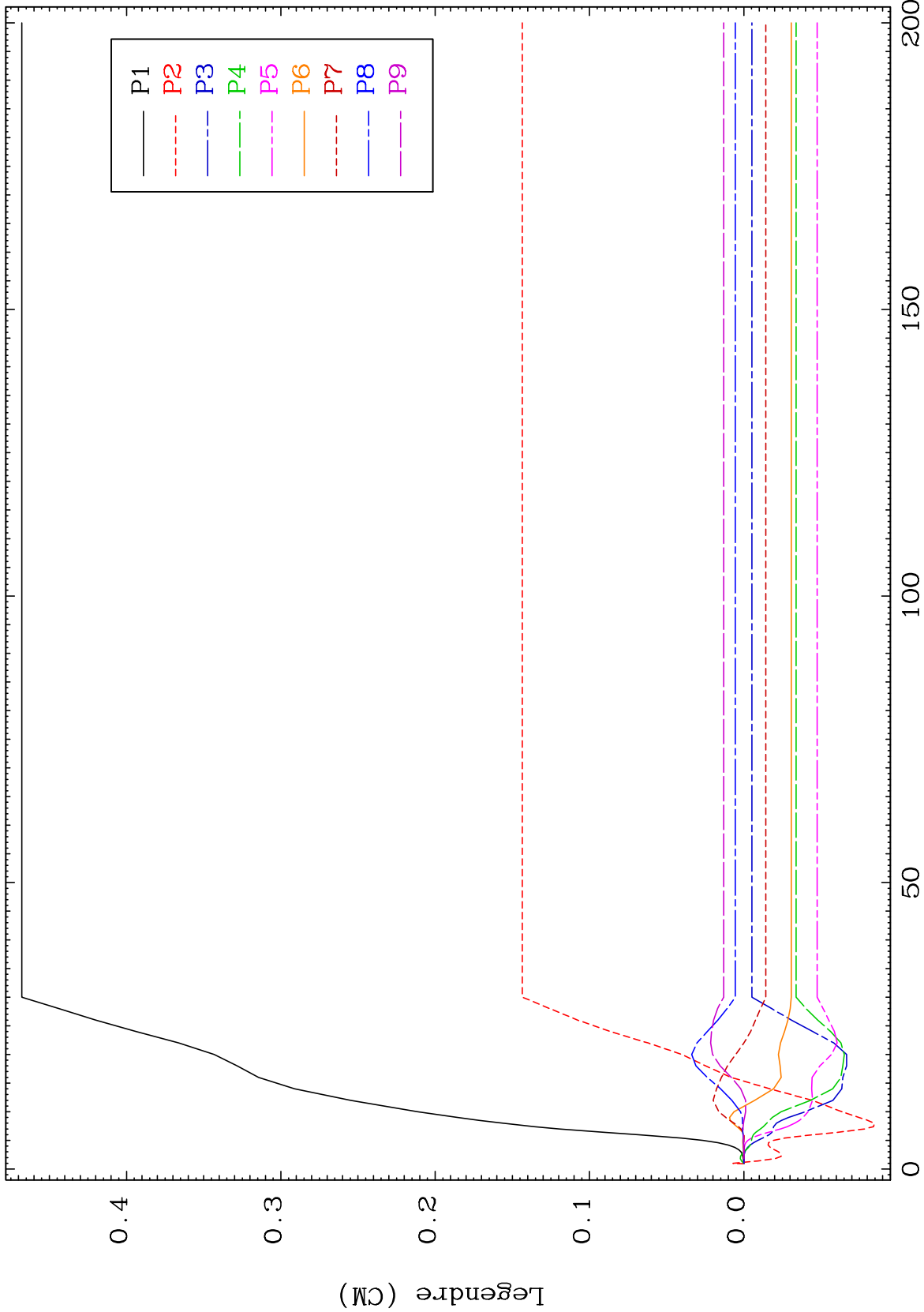
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



69

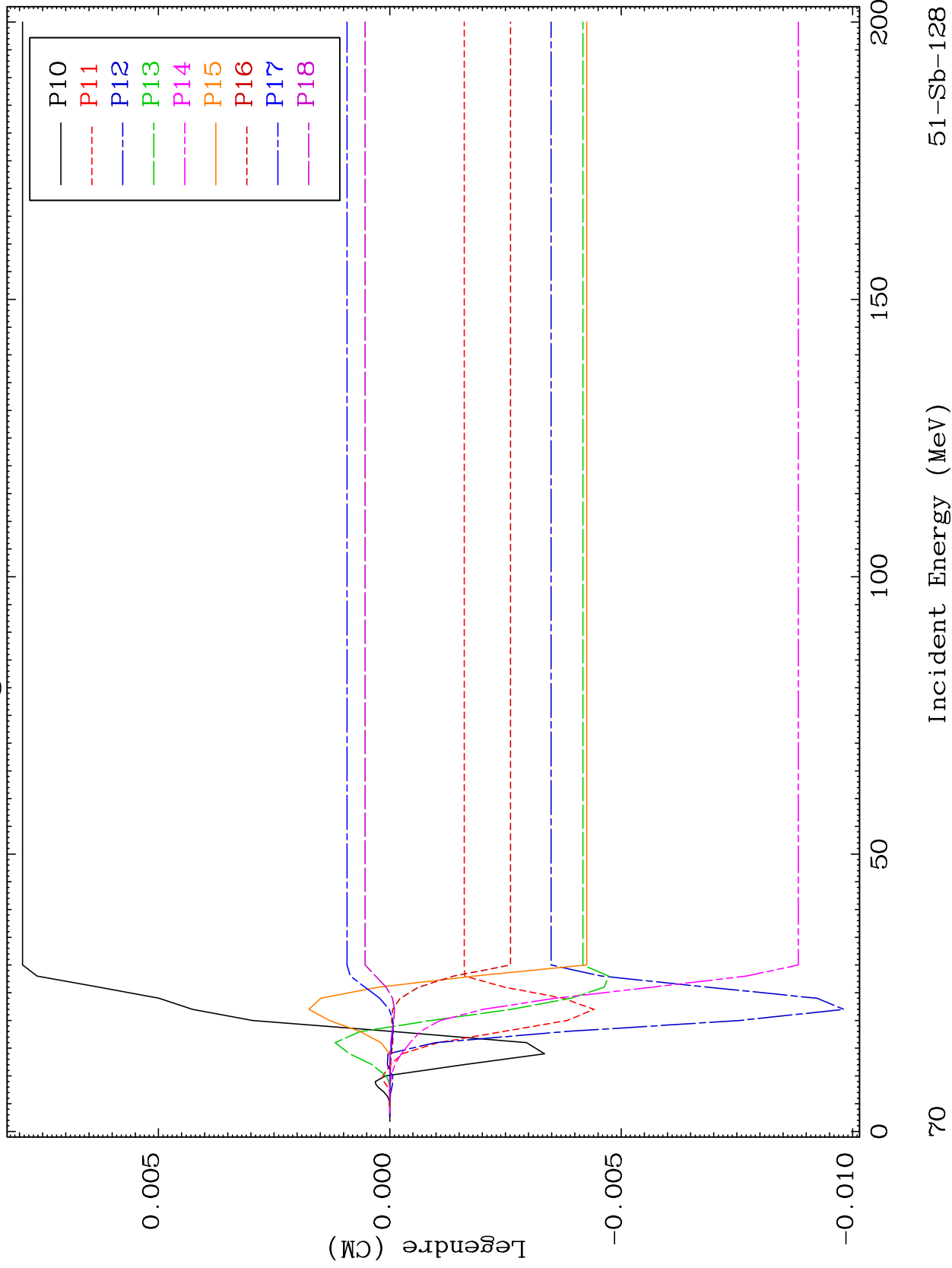
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

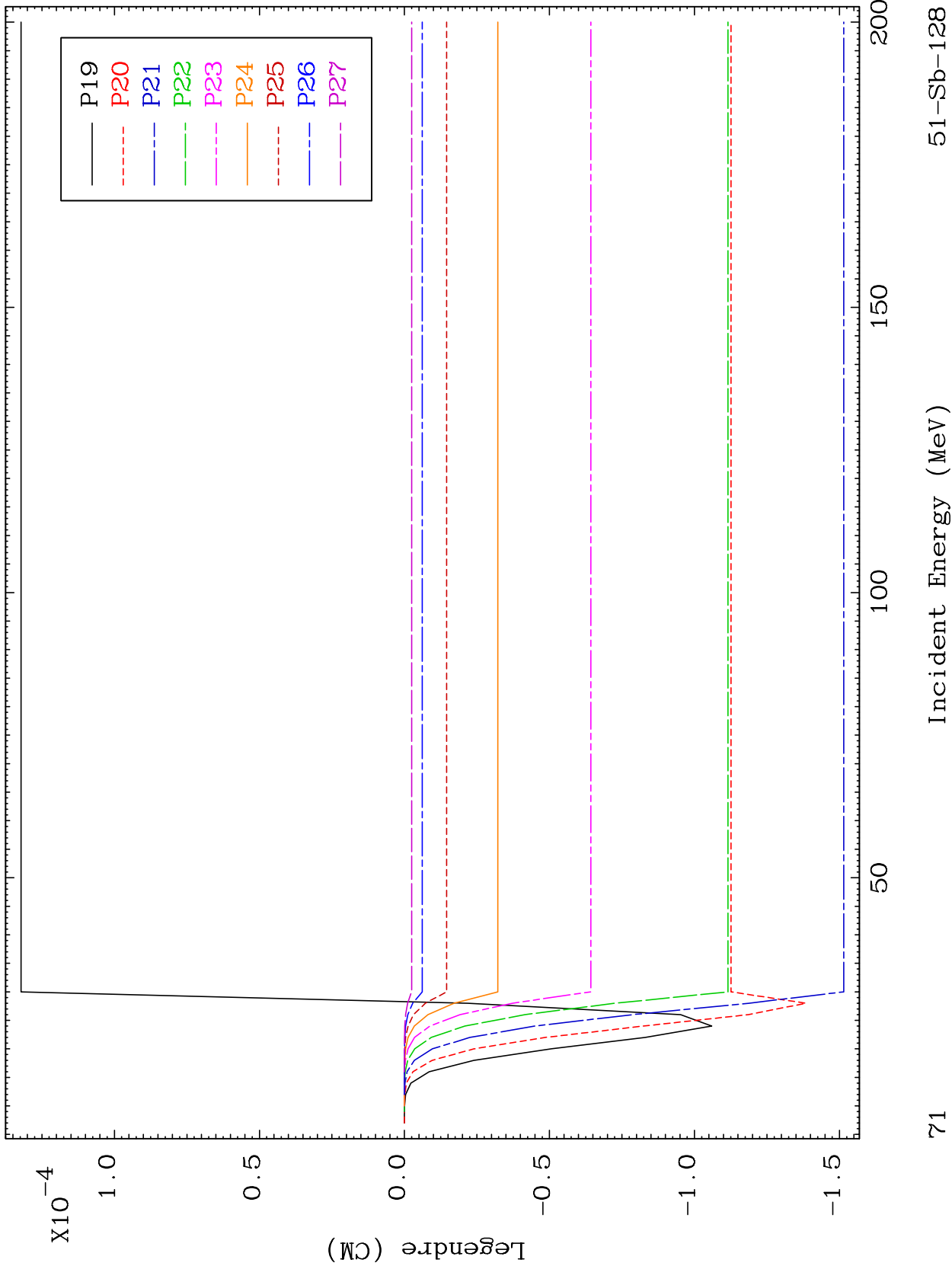
51-Sb-128



51-Sb-128

Incident Energy (MeV)

70

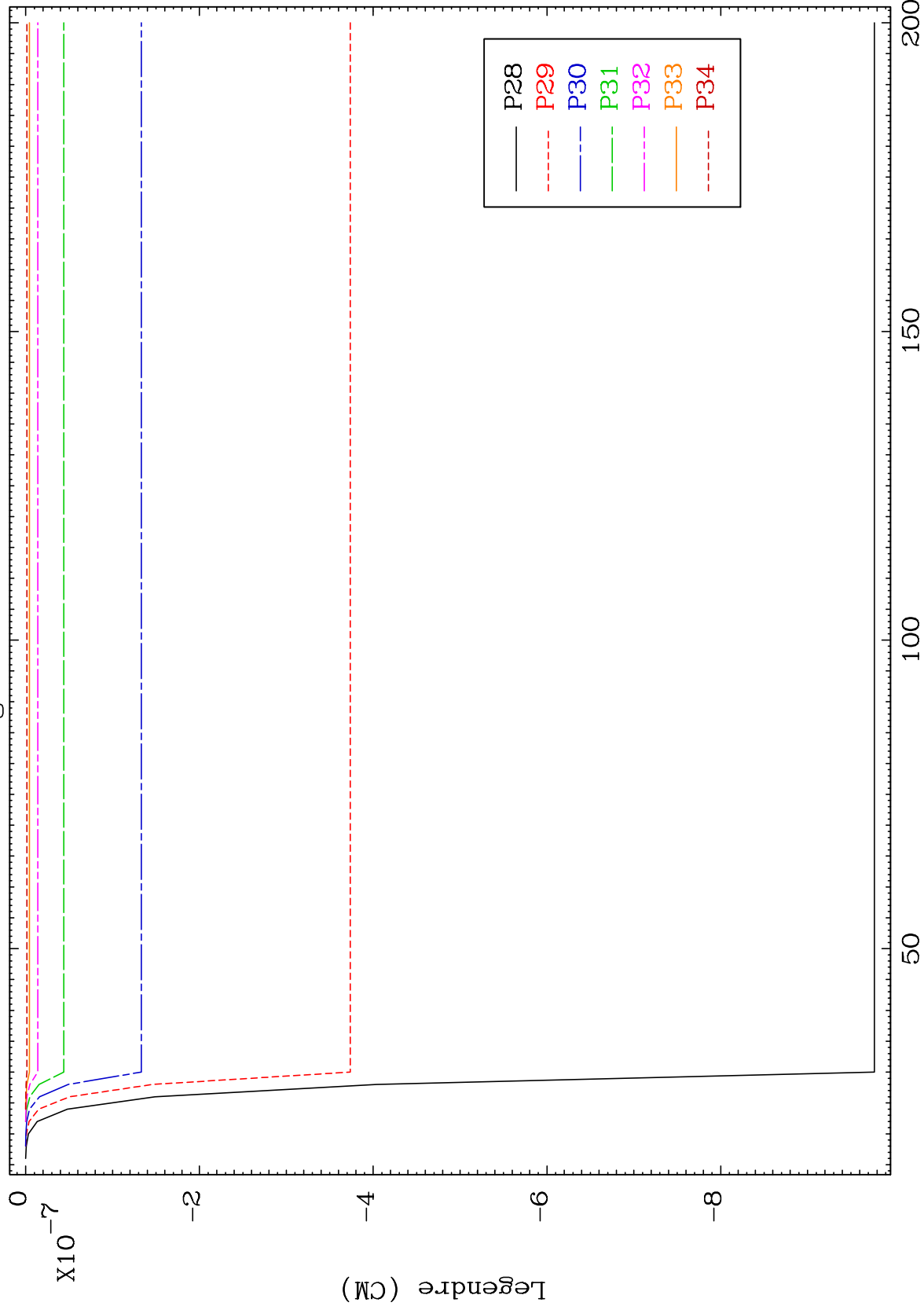


MAT 5146

MT= 65 (n,n') Level

51-Sb-128

Legendre Coefficients



72

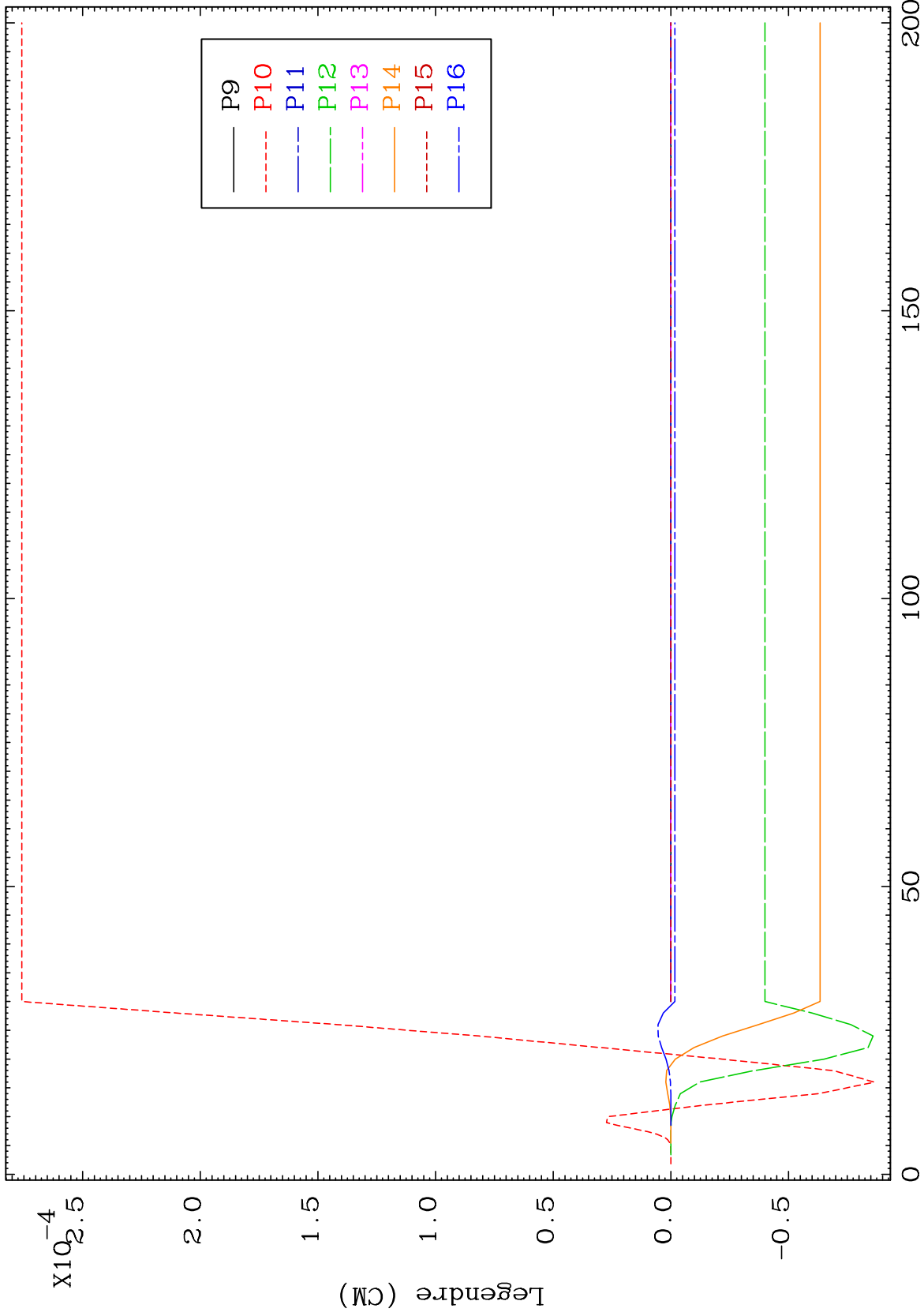
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



74

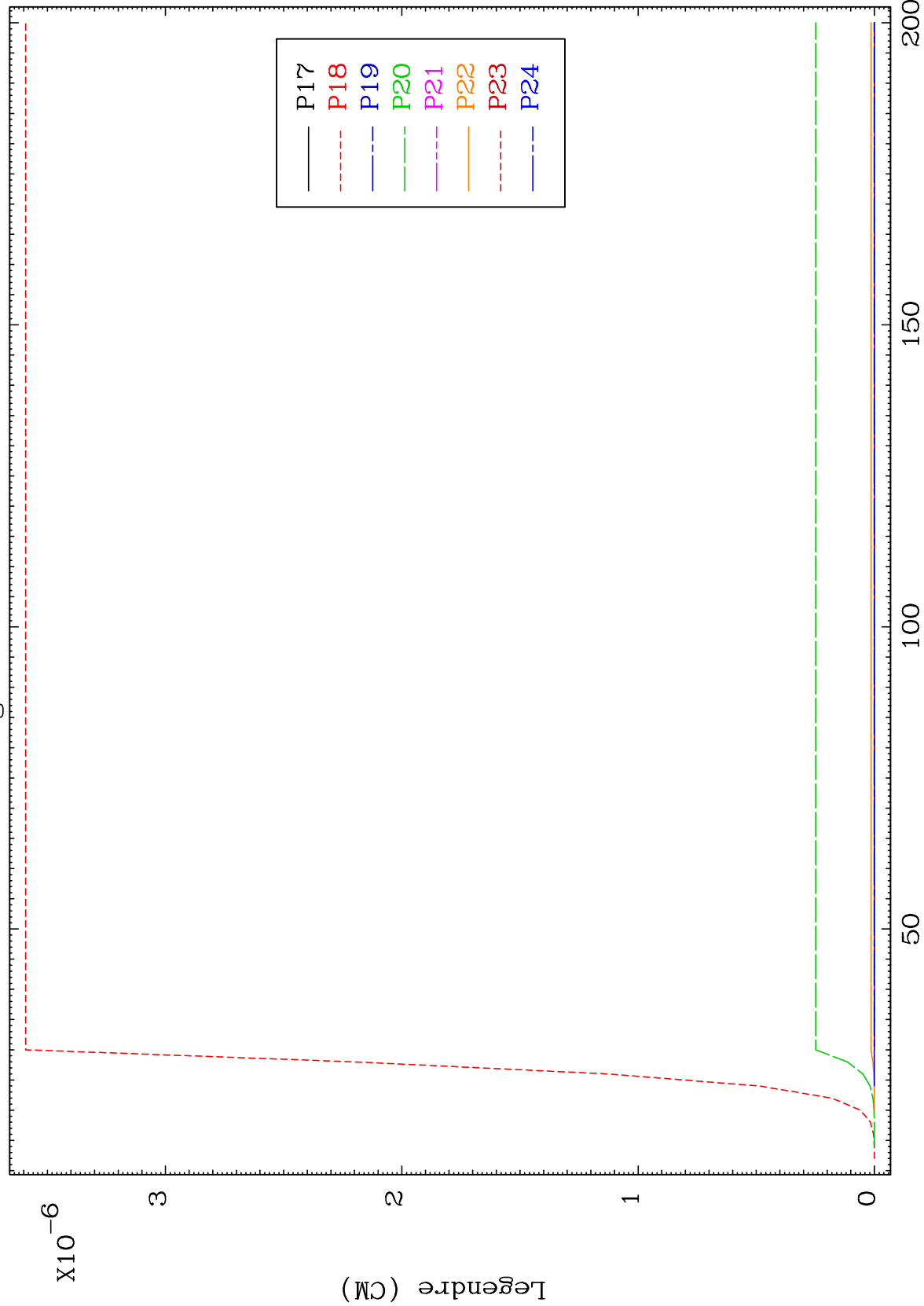
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

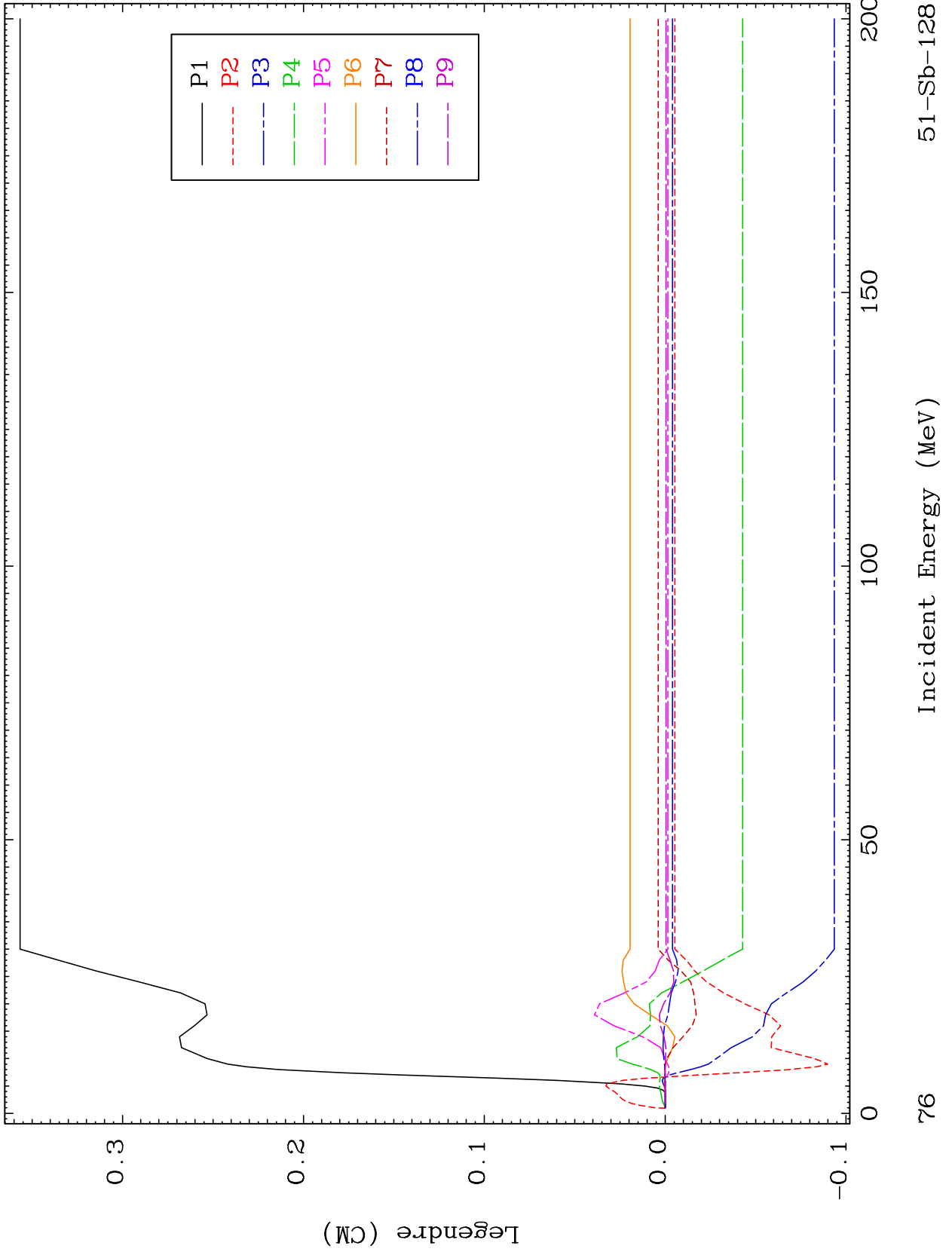
Incident Energy (MeV)

75

MAT 5146

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

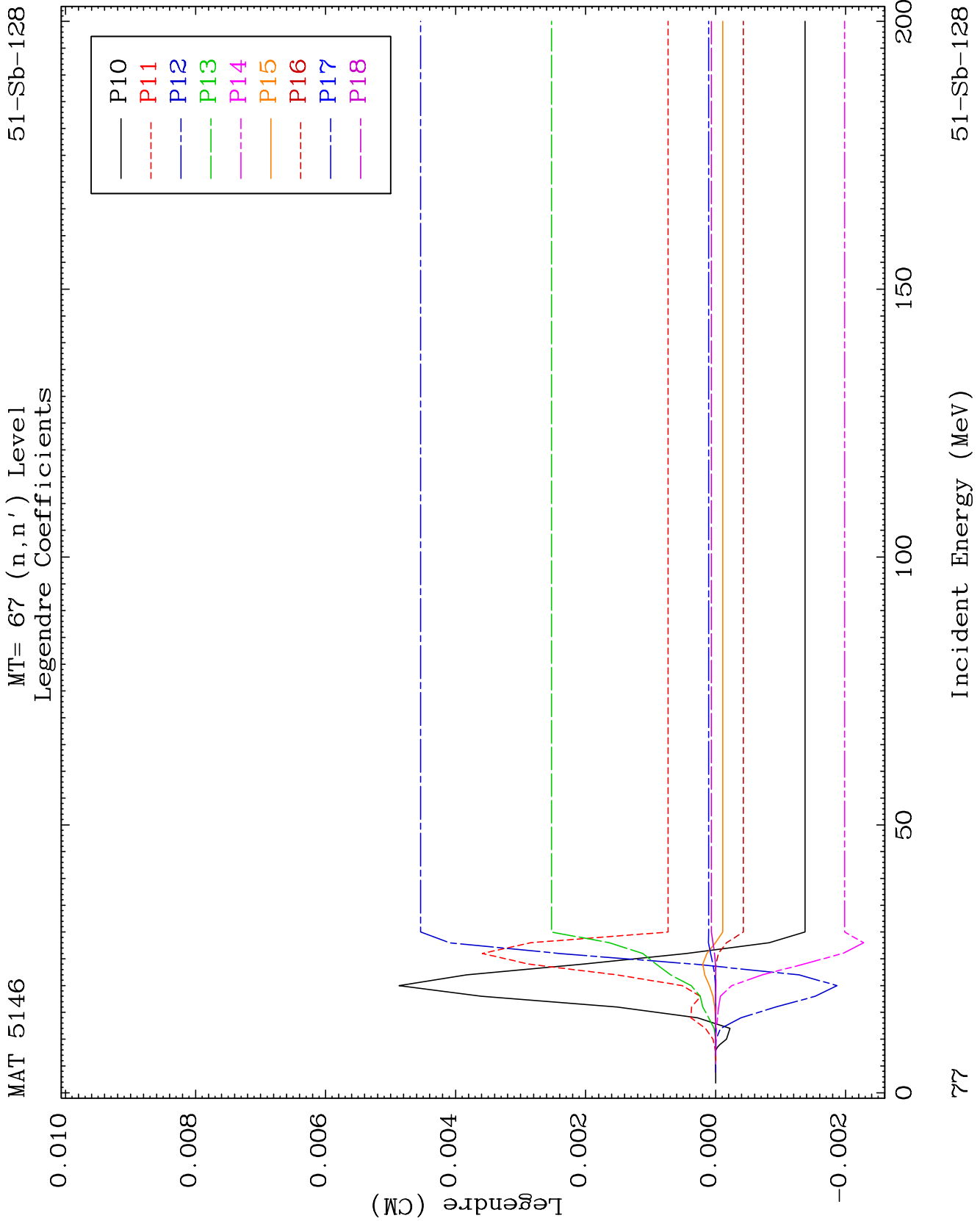
51-Sb-128



51-Sb-128

Incident Energy (MeV)

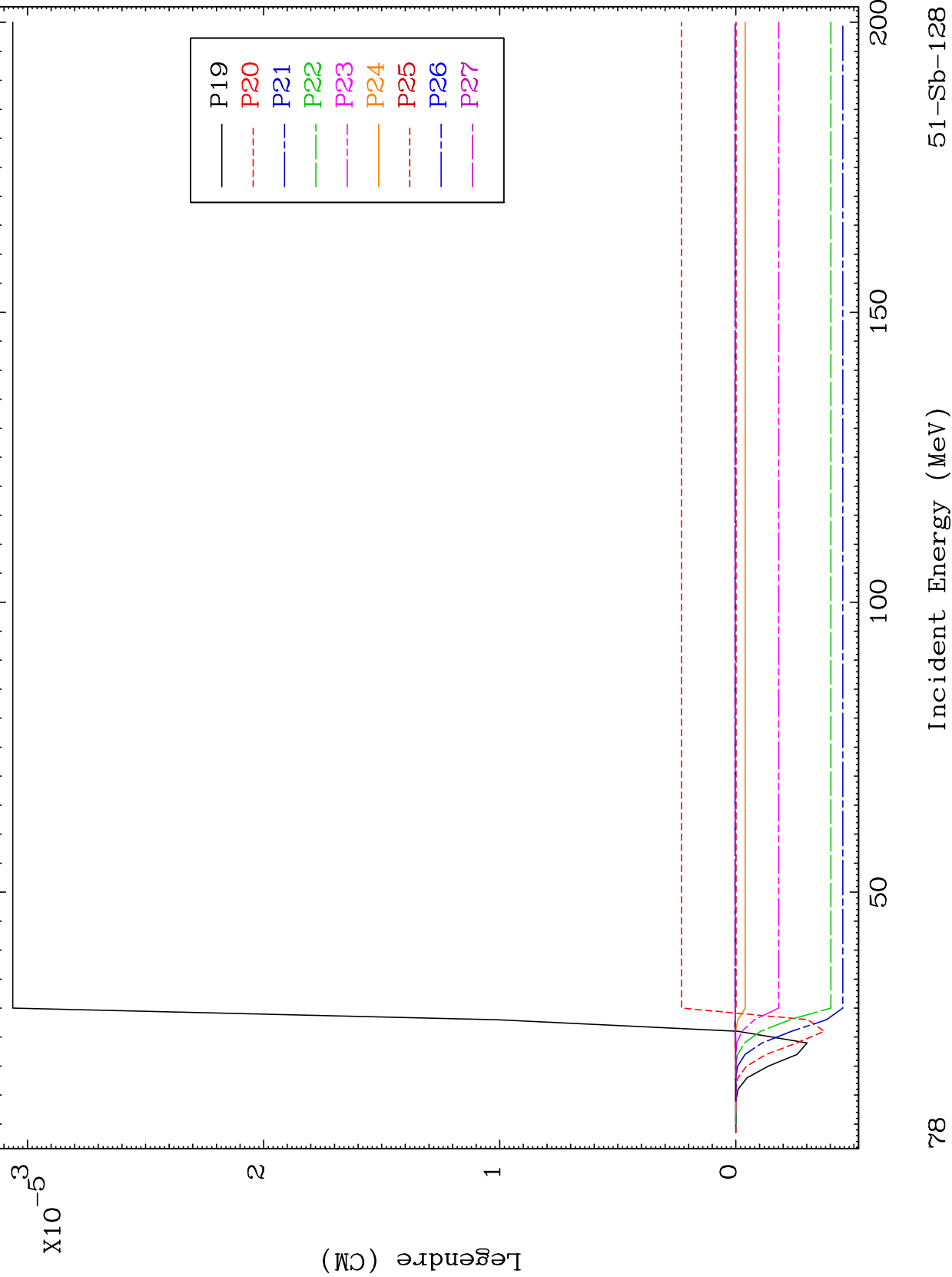
76



MAT 5146

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

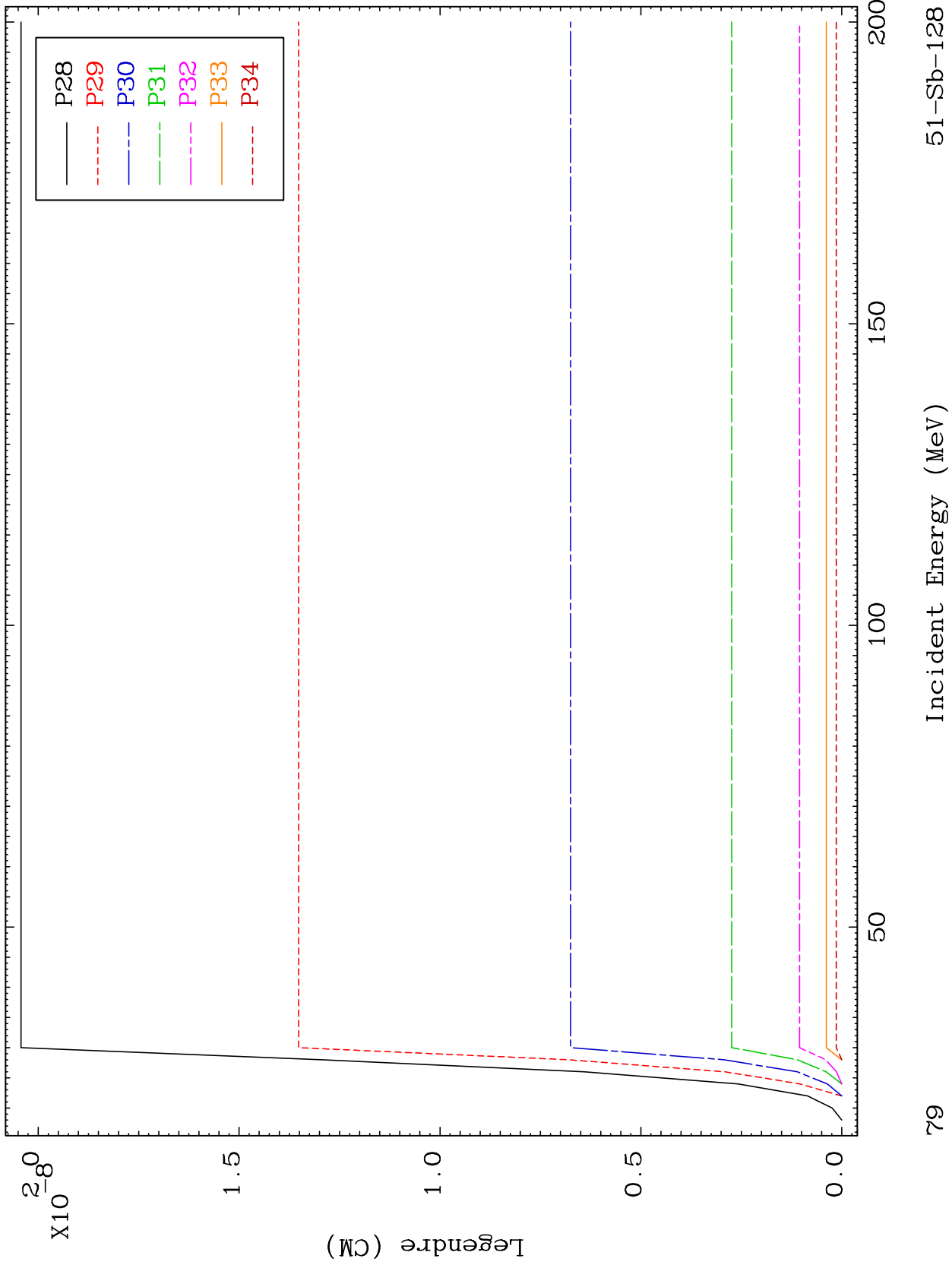
51-Sb-128



MAT 5146

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

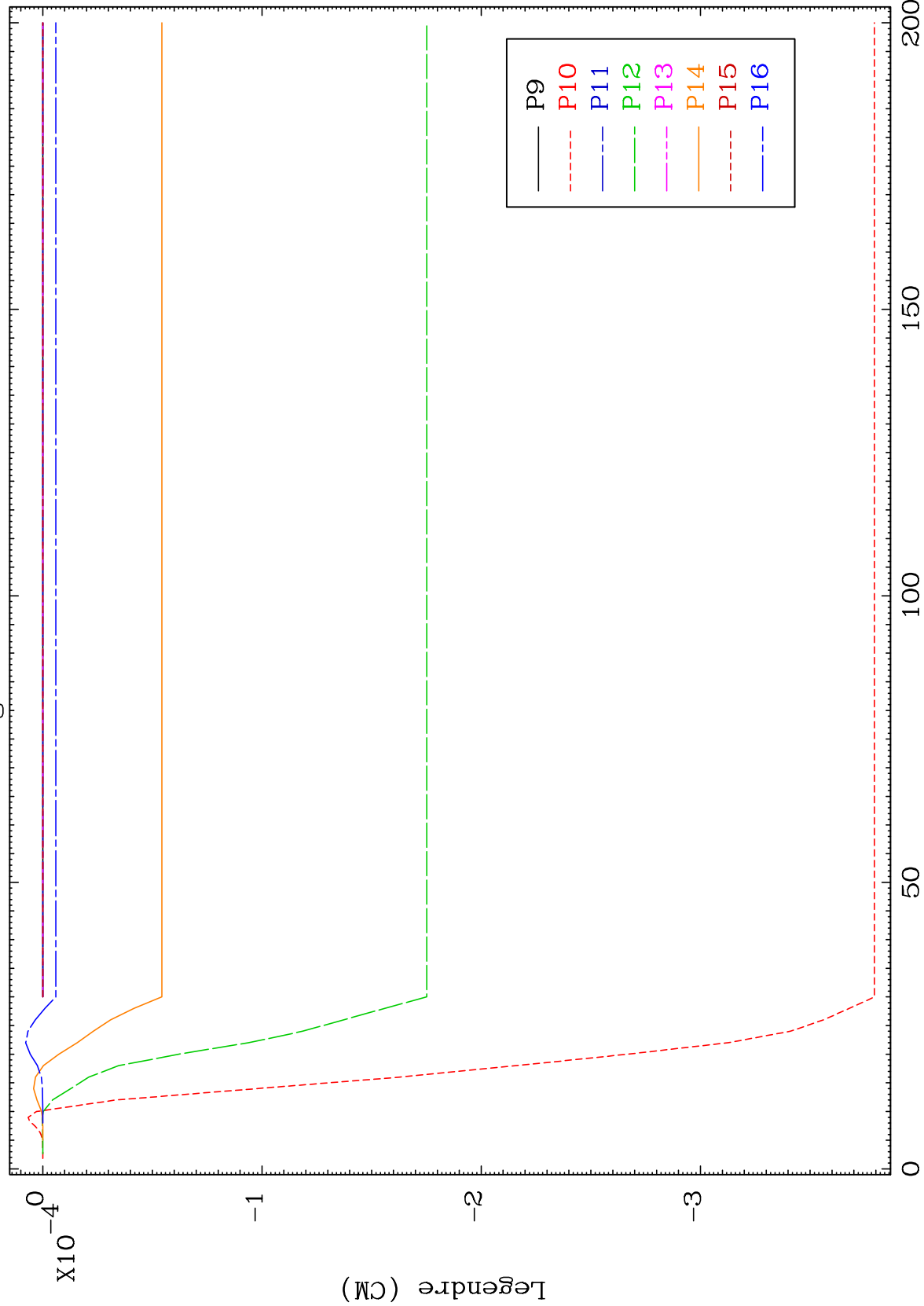
51-Sb-128



MAT 5146

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

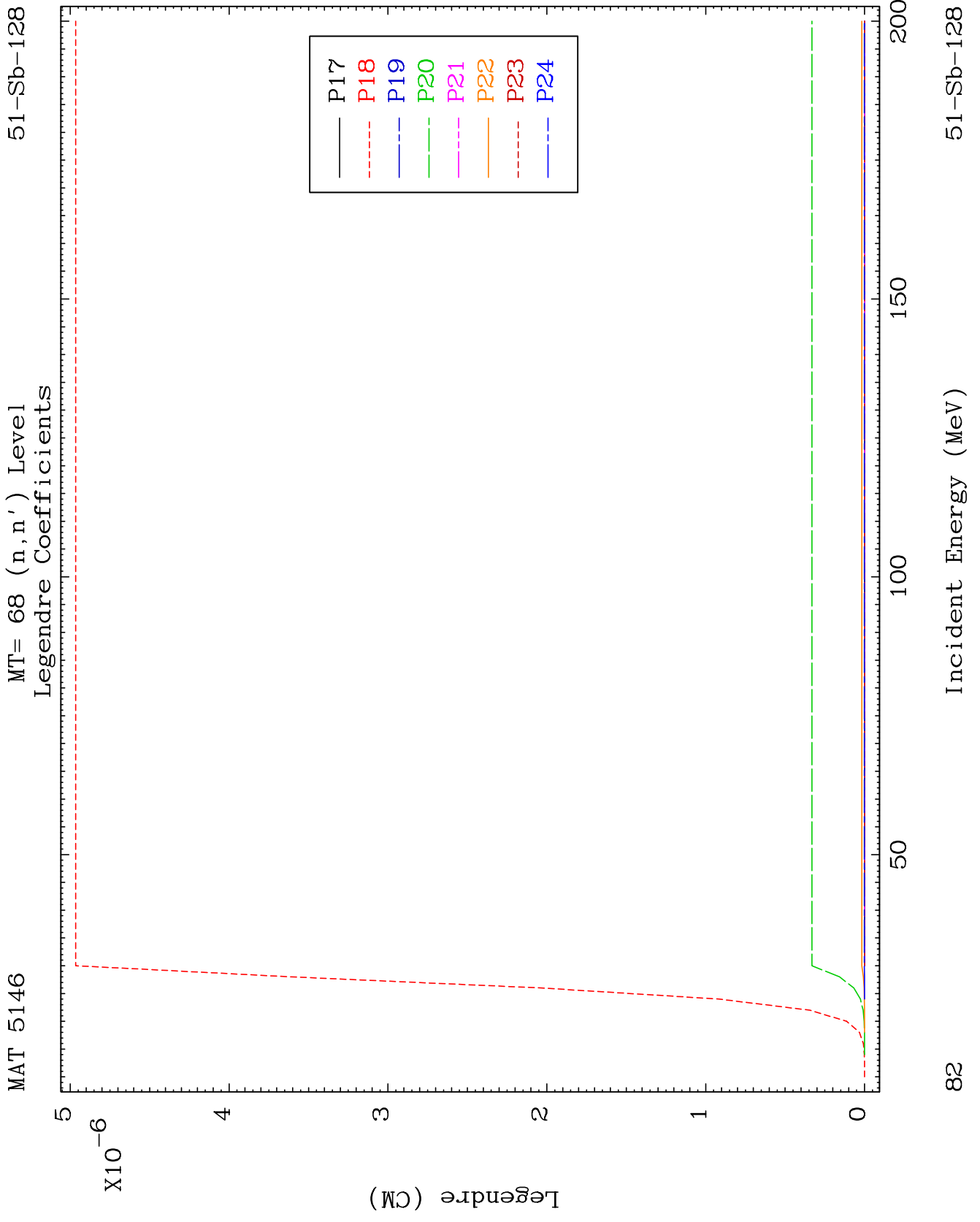
51-Sb-128



81

Incident Energy (MeV)

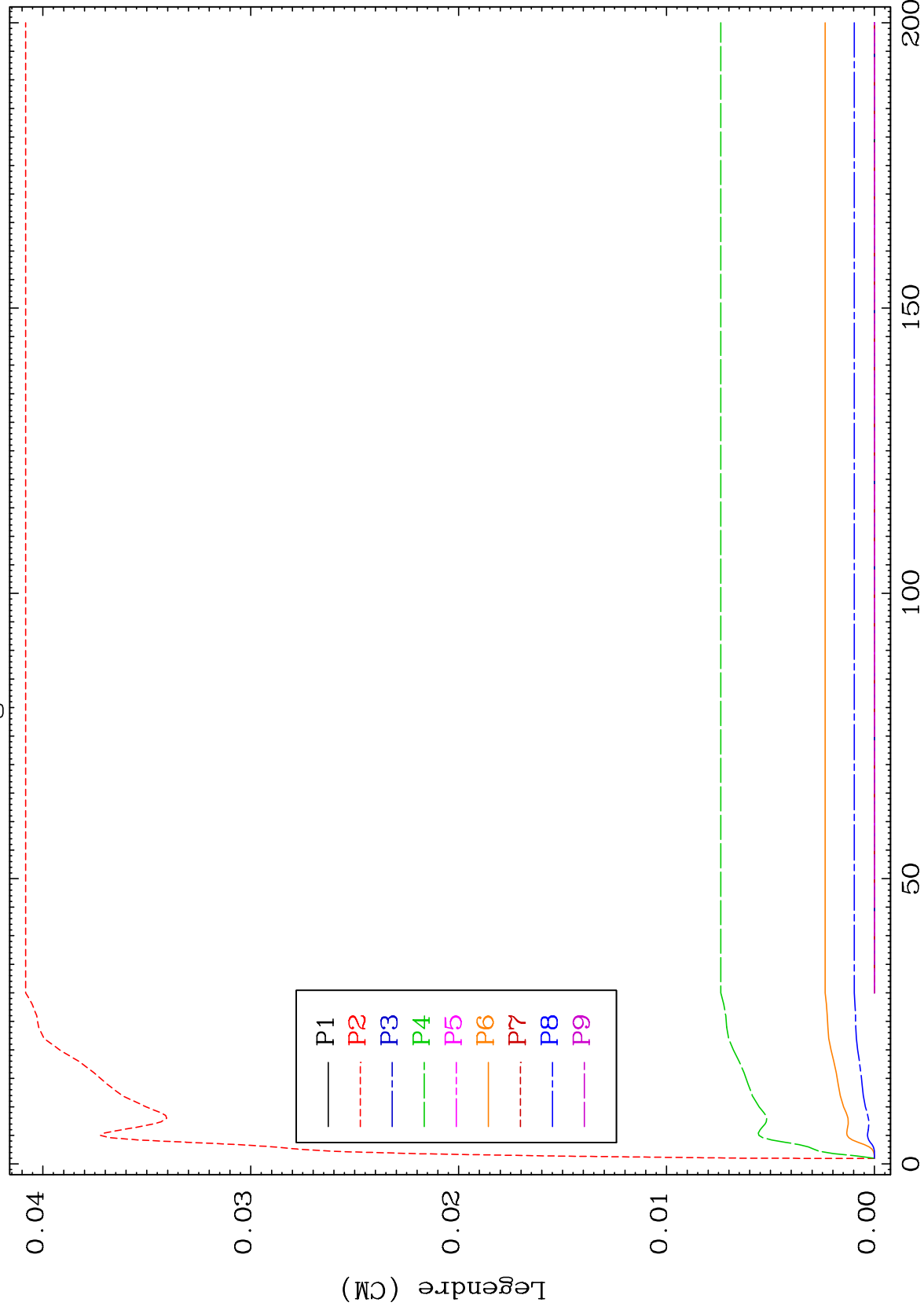
51-Sb-128



MAT 5146

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

51-Sb-128



83

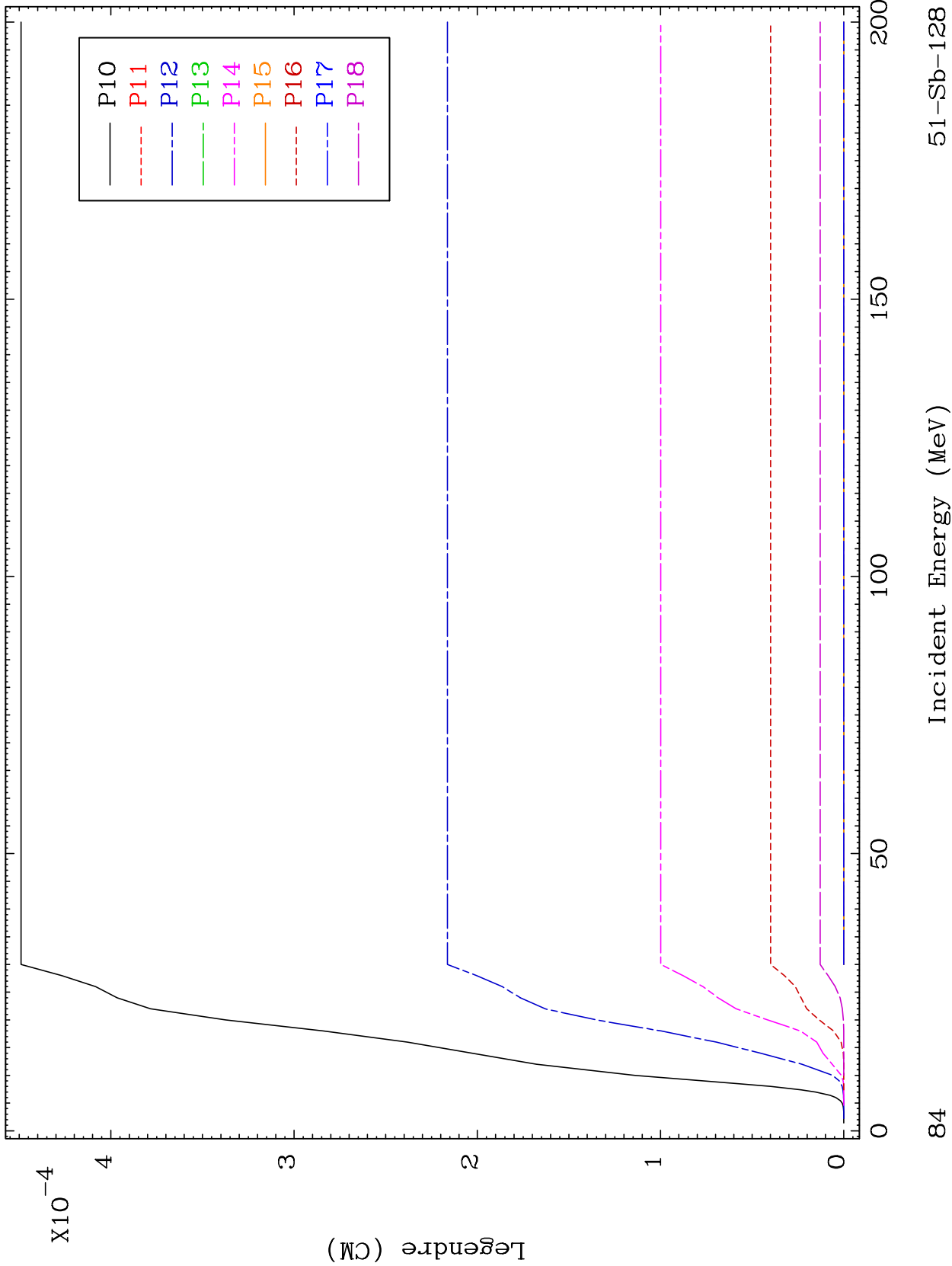
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

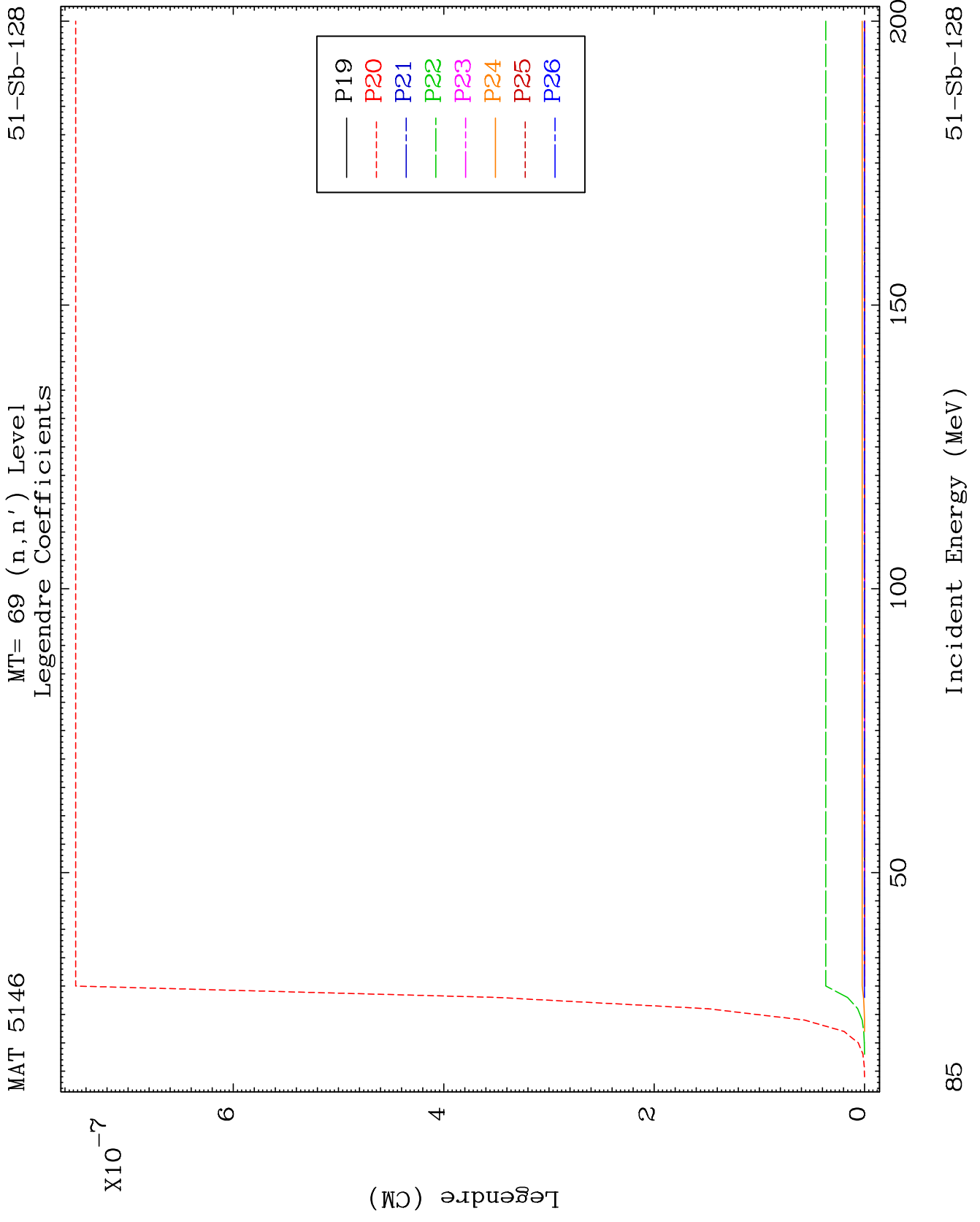
51-Sb-128



51-Sb-128

Incident Energy (MeV)

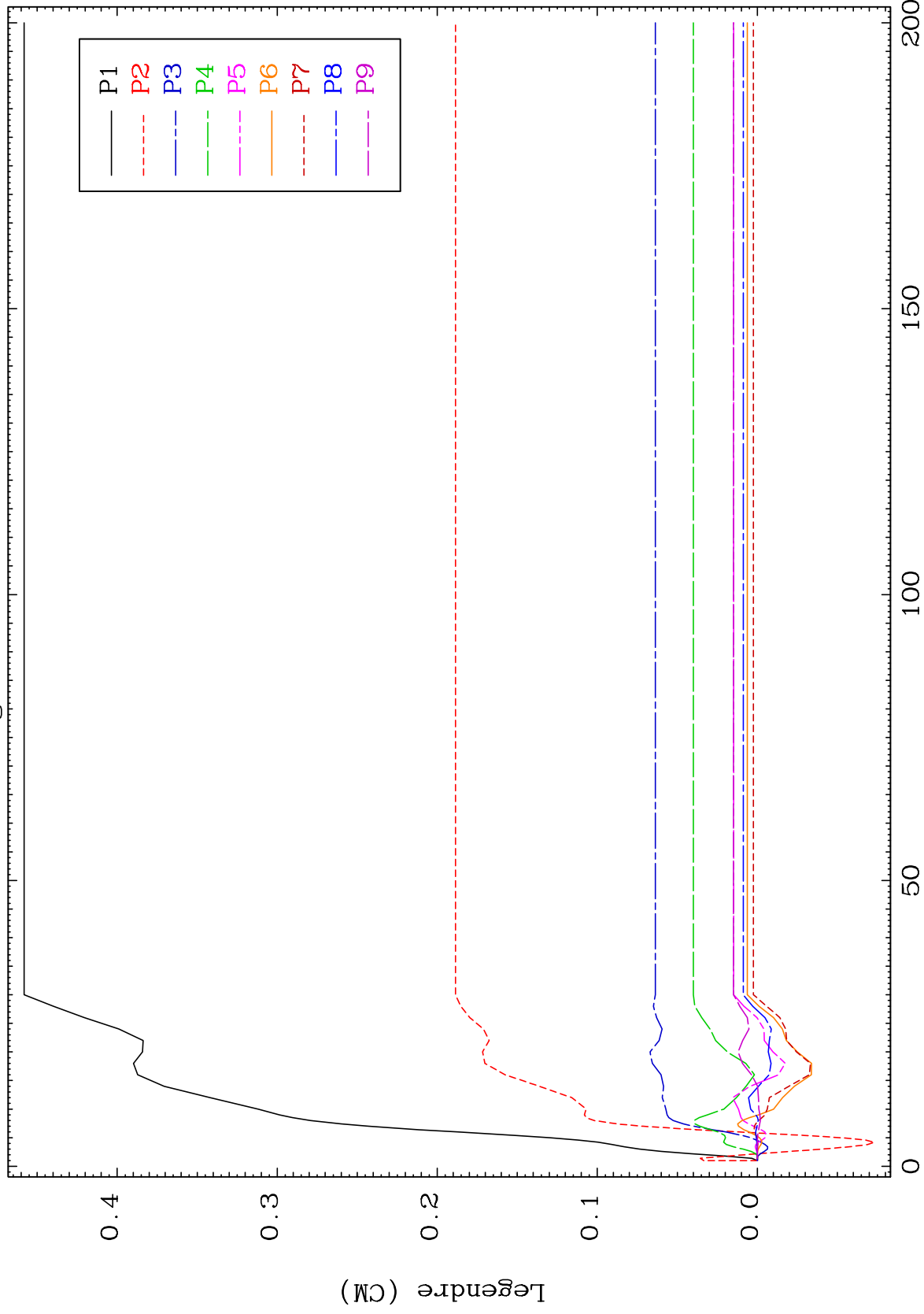
84



MAT 5146

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

51-Sb-128



86

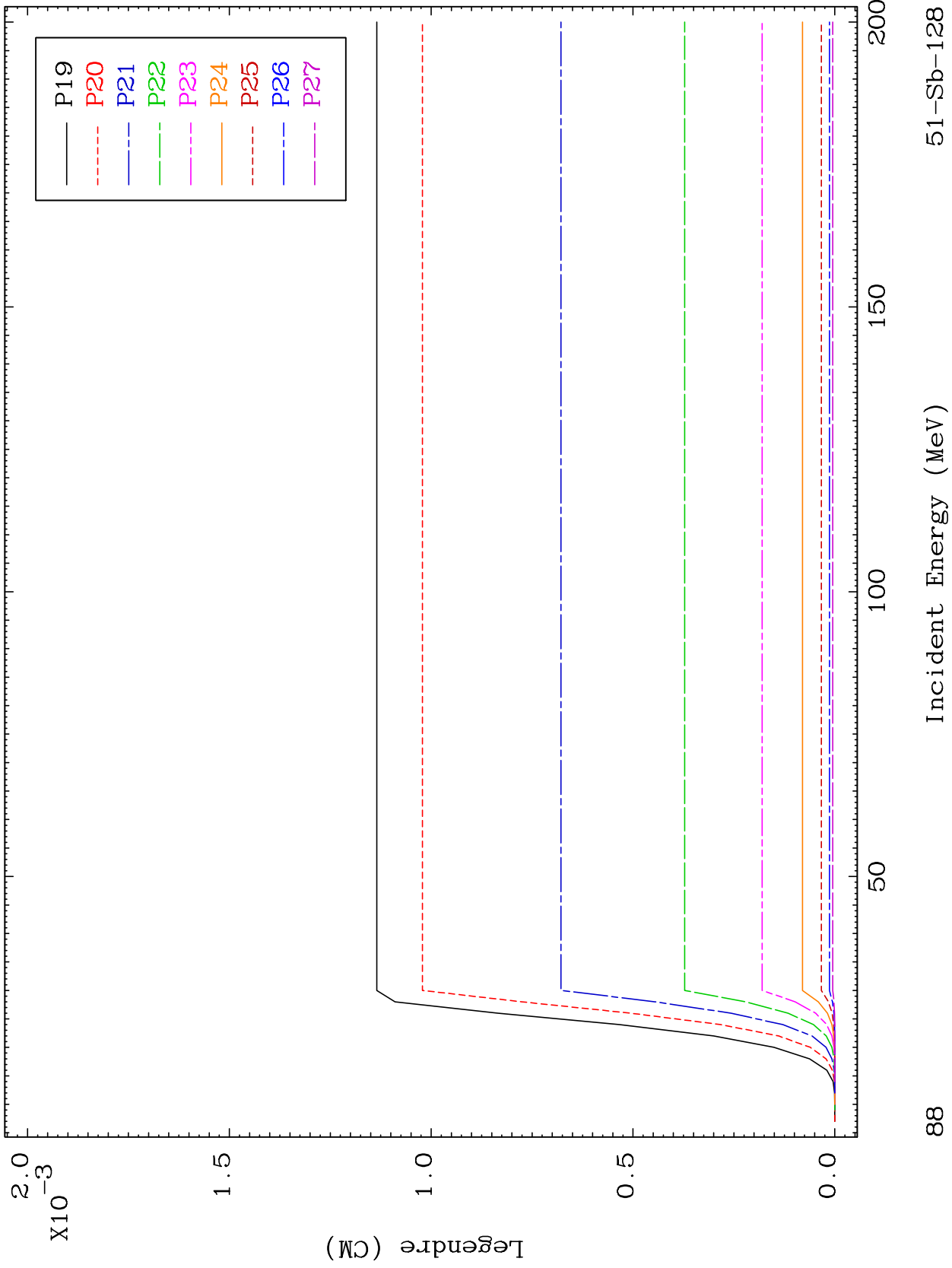
Incident Energy (MeV)

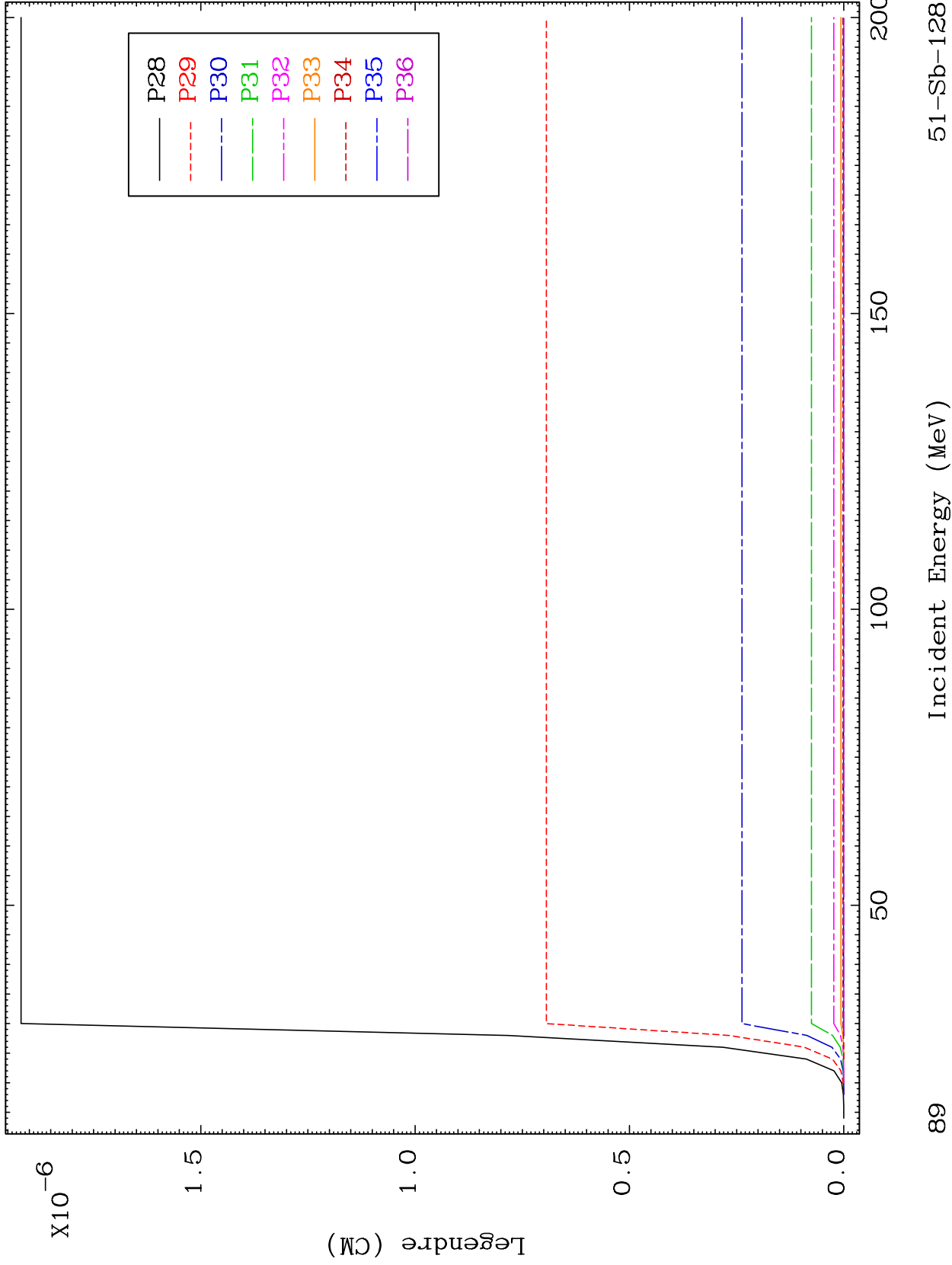
51-Sb-128

MAT 5146

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

51-Sb-128

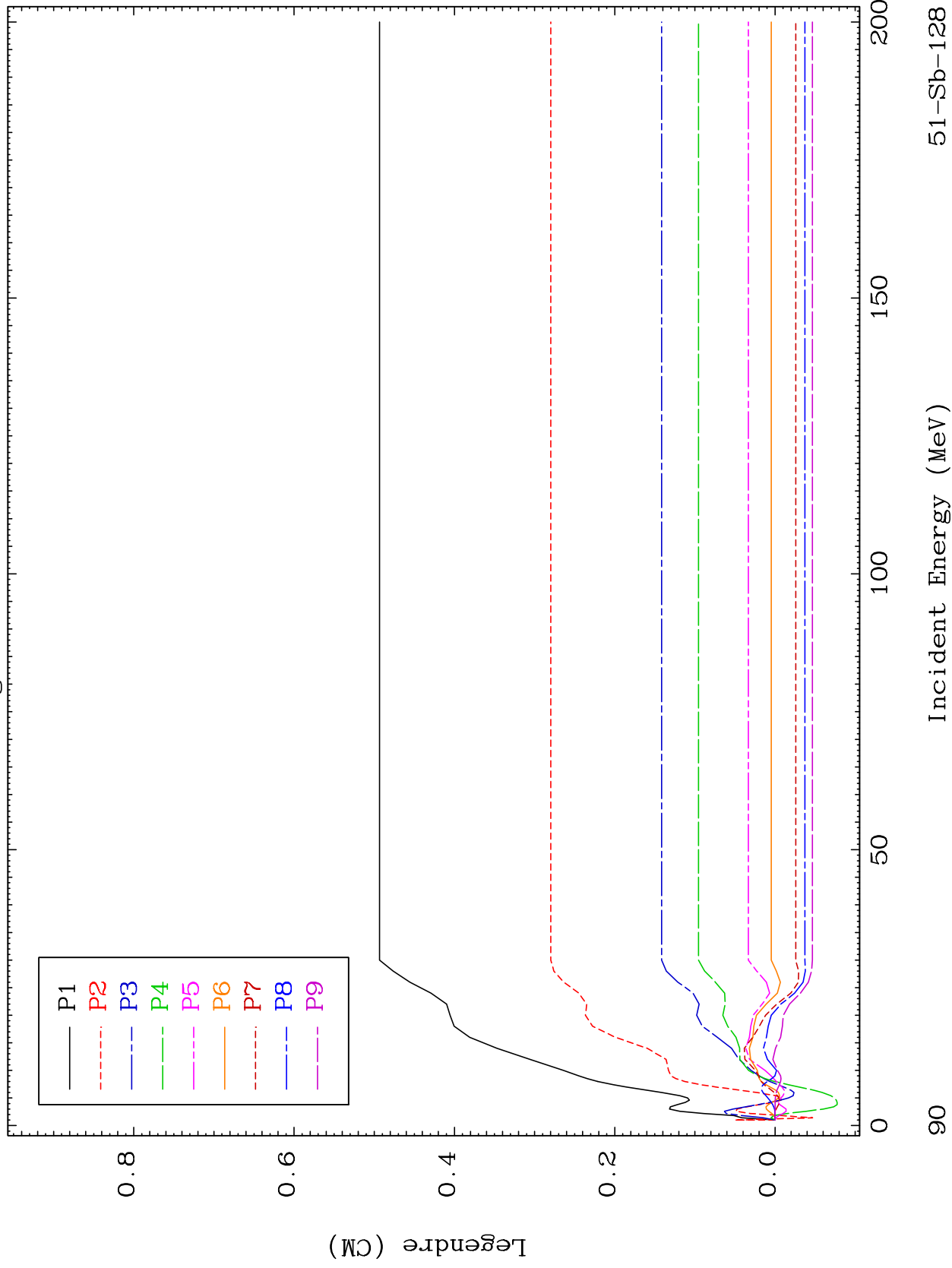




MAT 5146

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

51-Sb-128



51-Sb-128

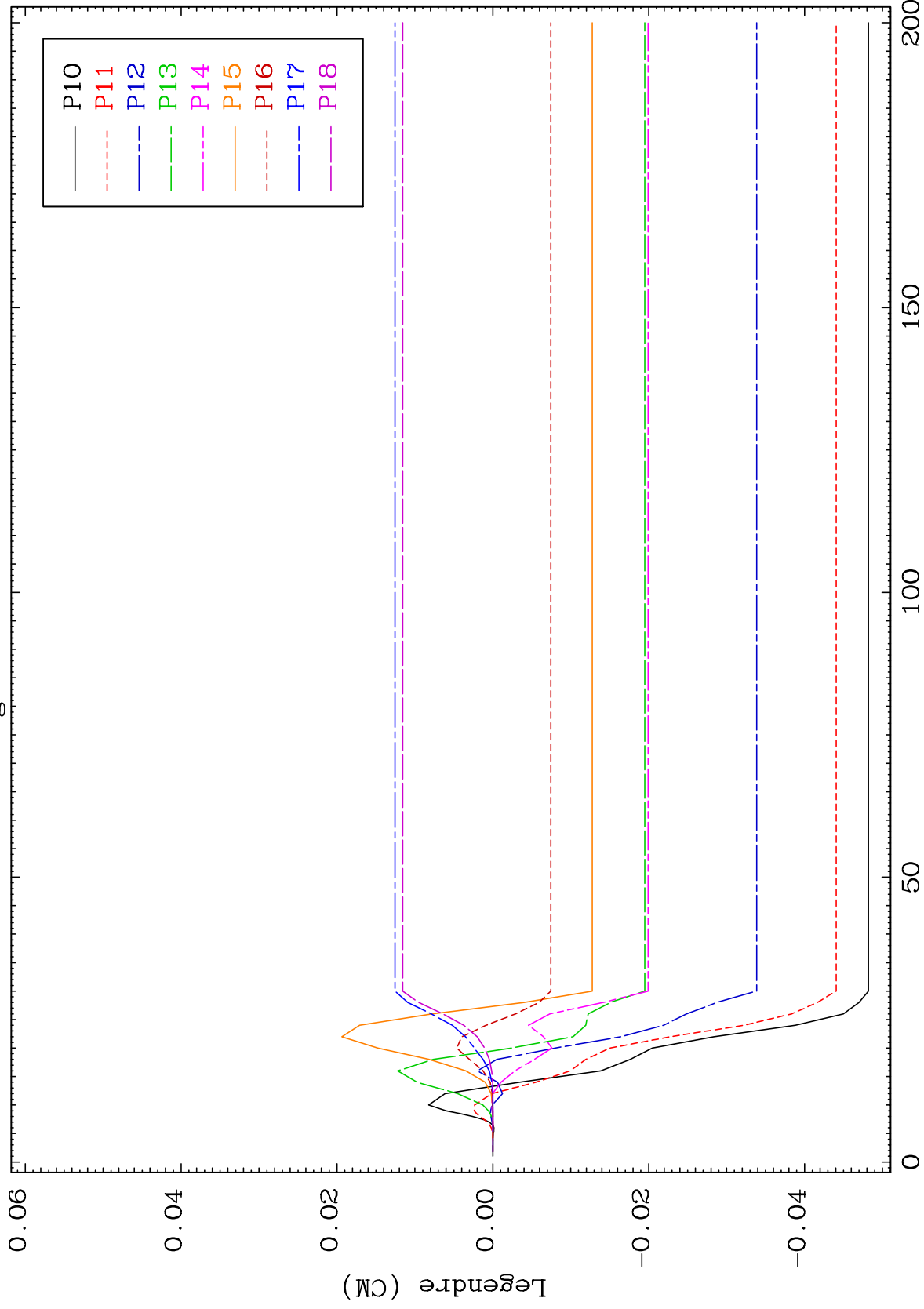
Incident Energy (MeV)

90

MAT 5146

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

51-Sb-128



91

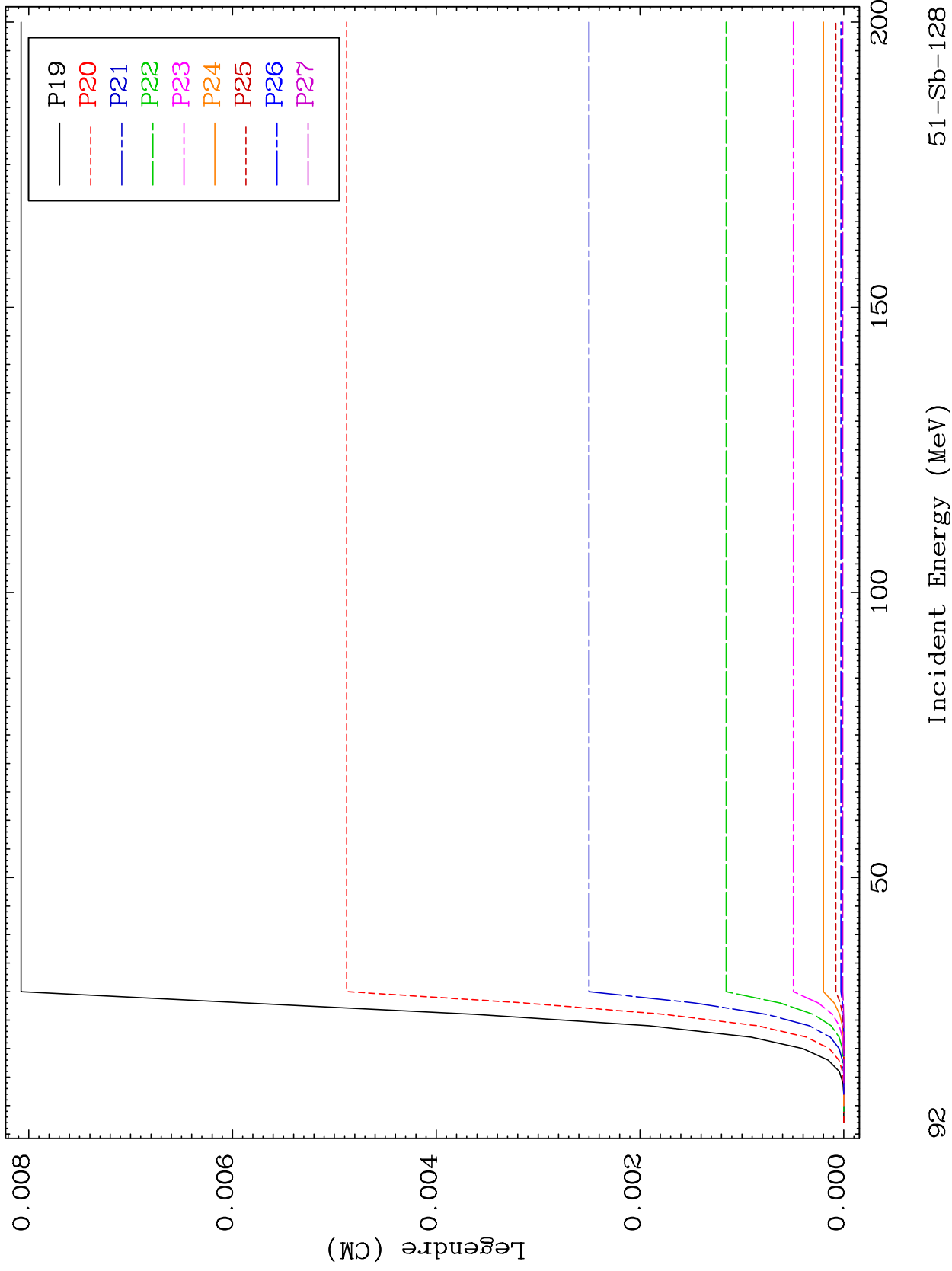
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



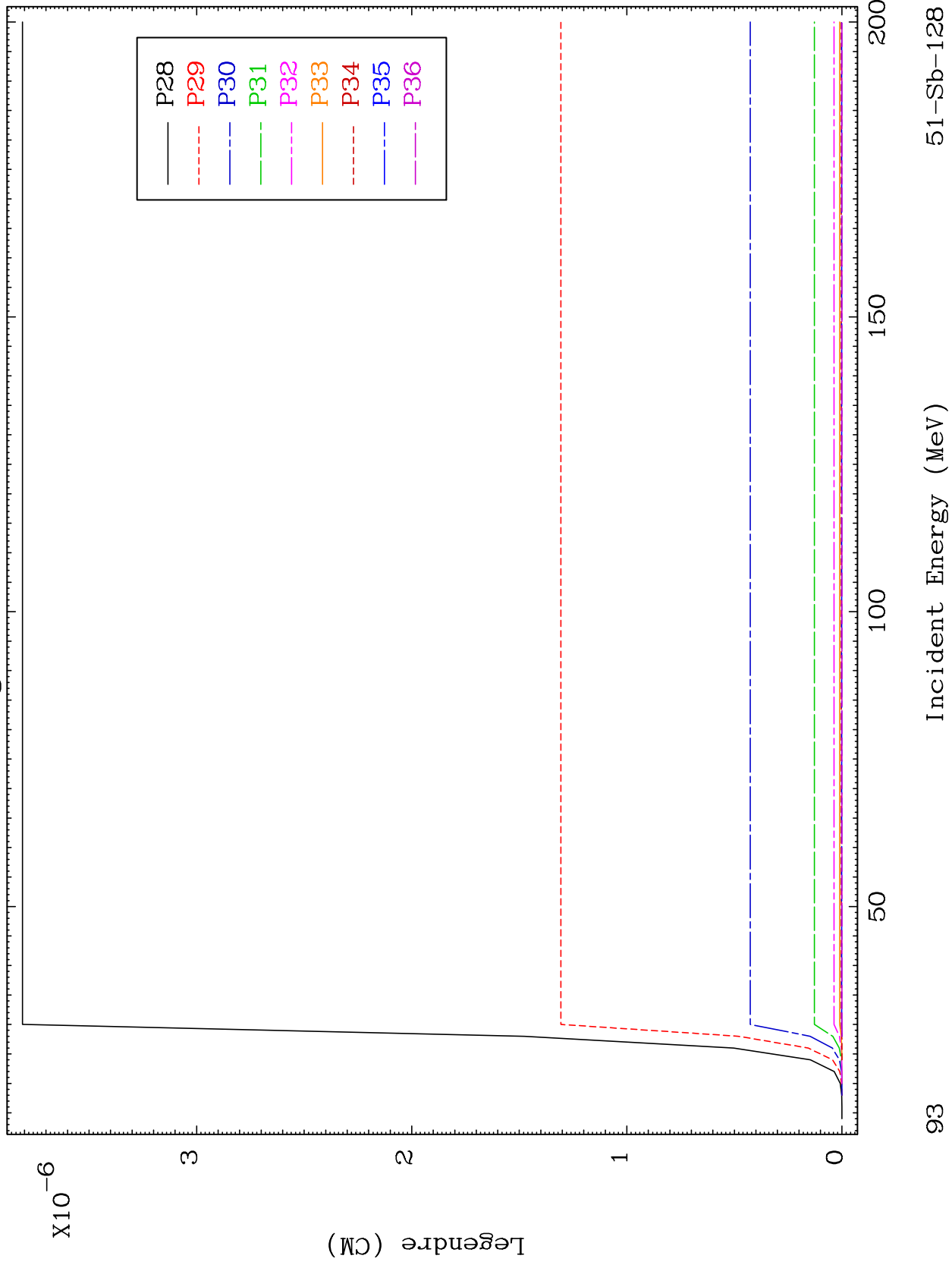
92

51-Sb-128

MAT 5146

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

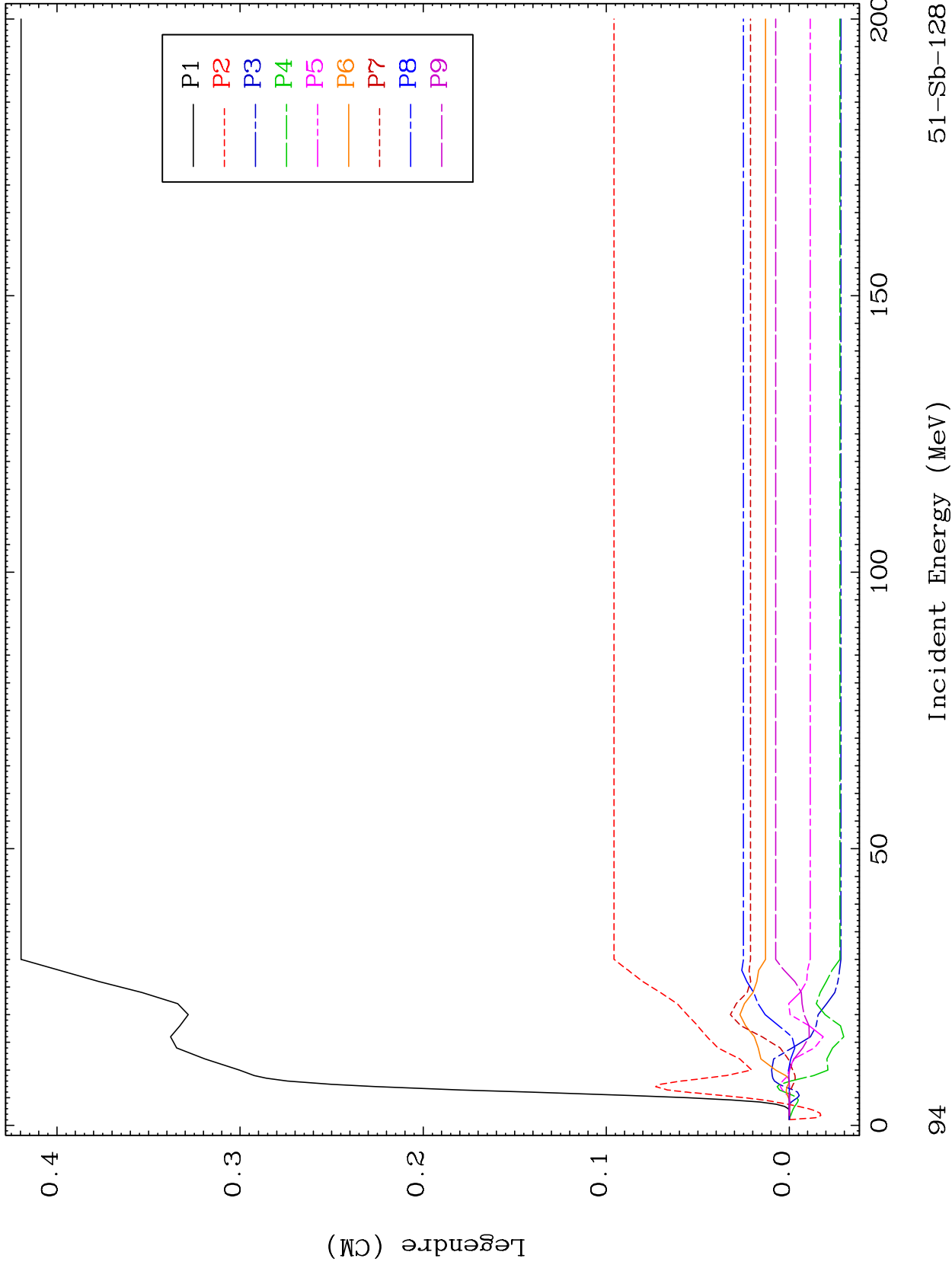
51-Sb-128



MAT 5146

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

51-Sb-128



51-Sb-128

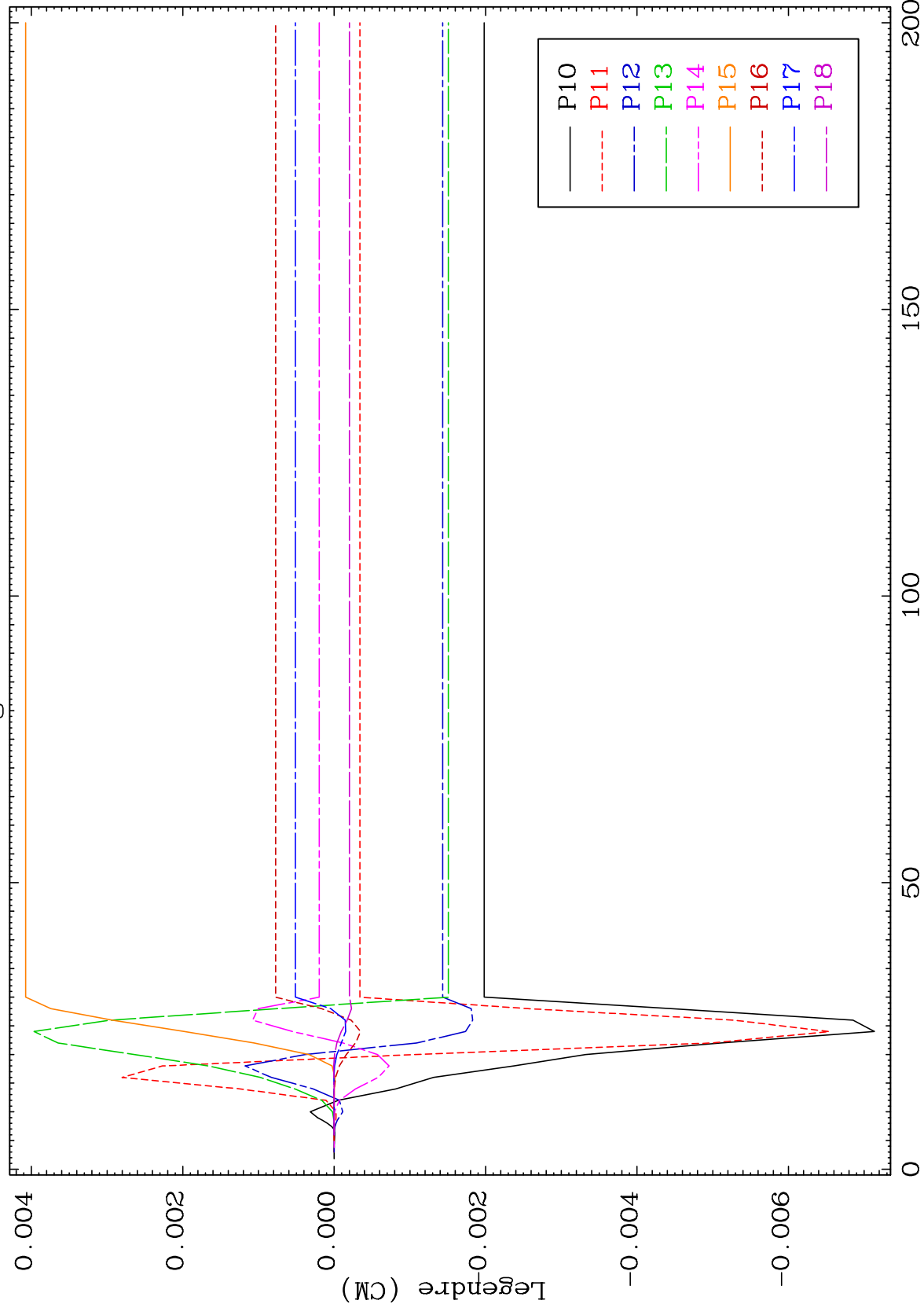
Incident Energy (MeV)

94

MAT 5146

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

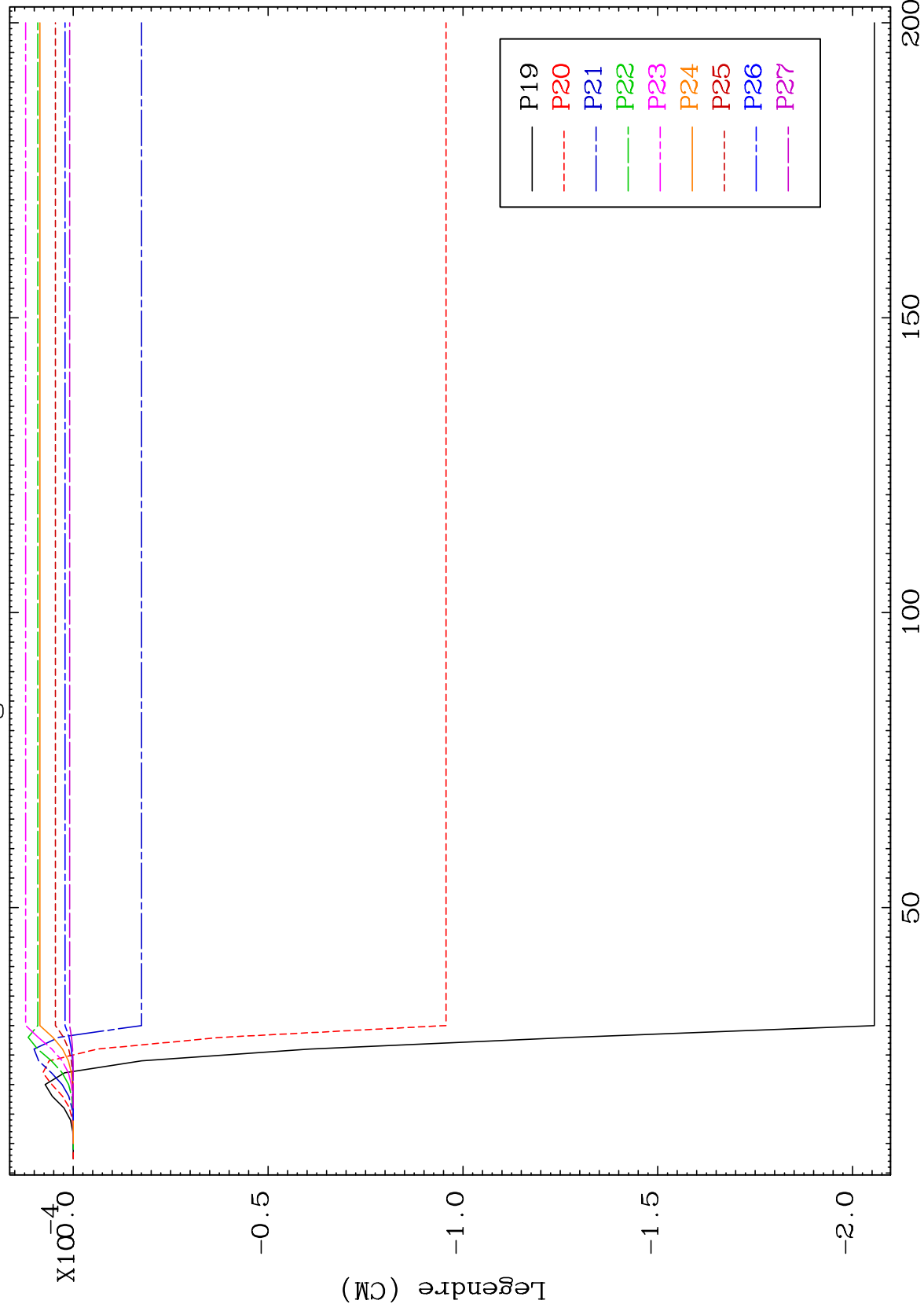
51-Sb-128



95

Incident Energy (MeV)

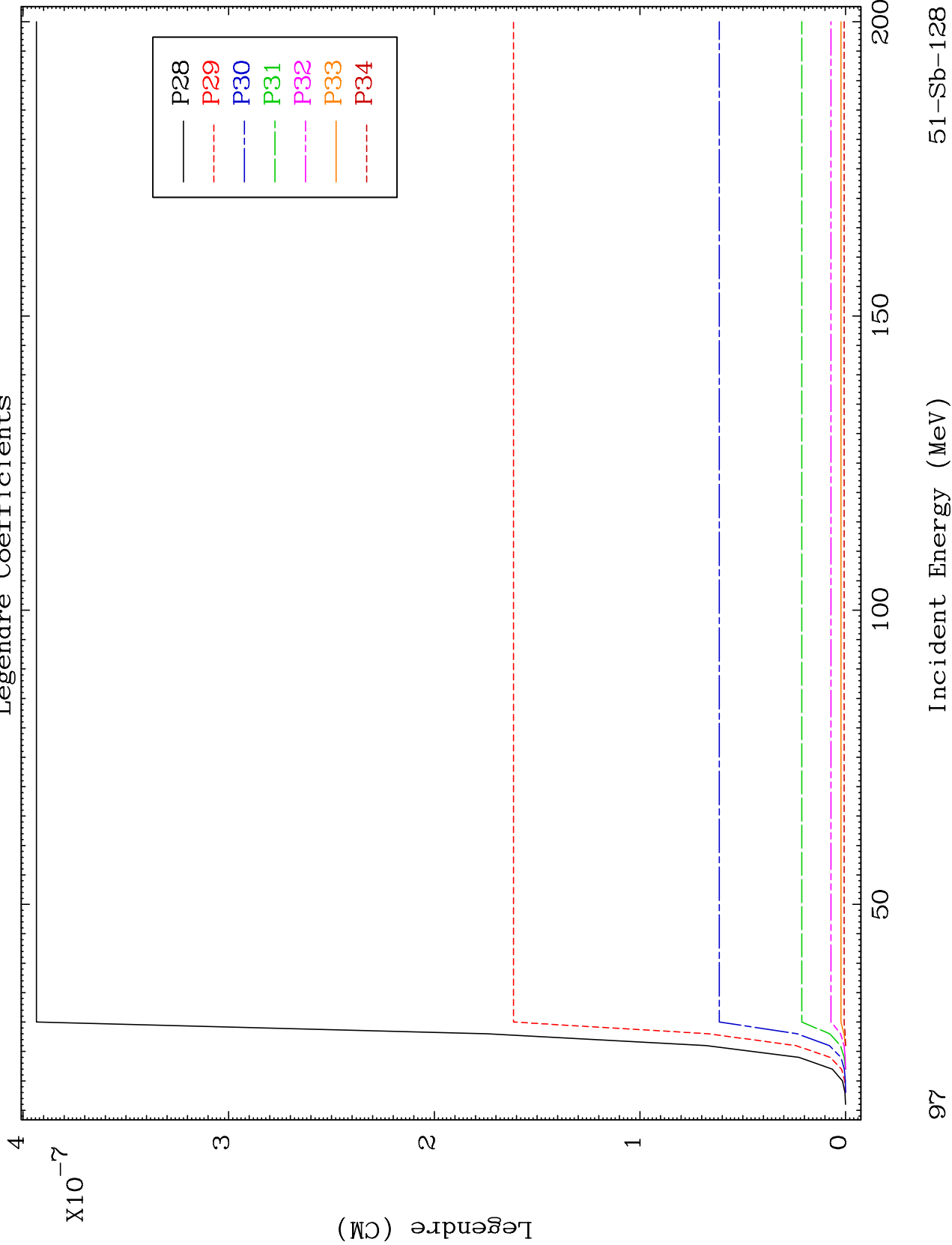
51-Sb-128



MAT 5146

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

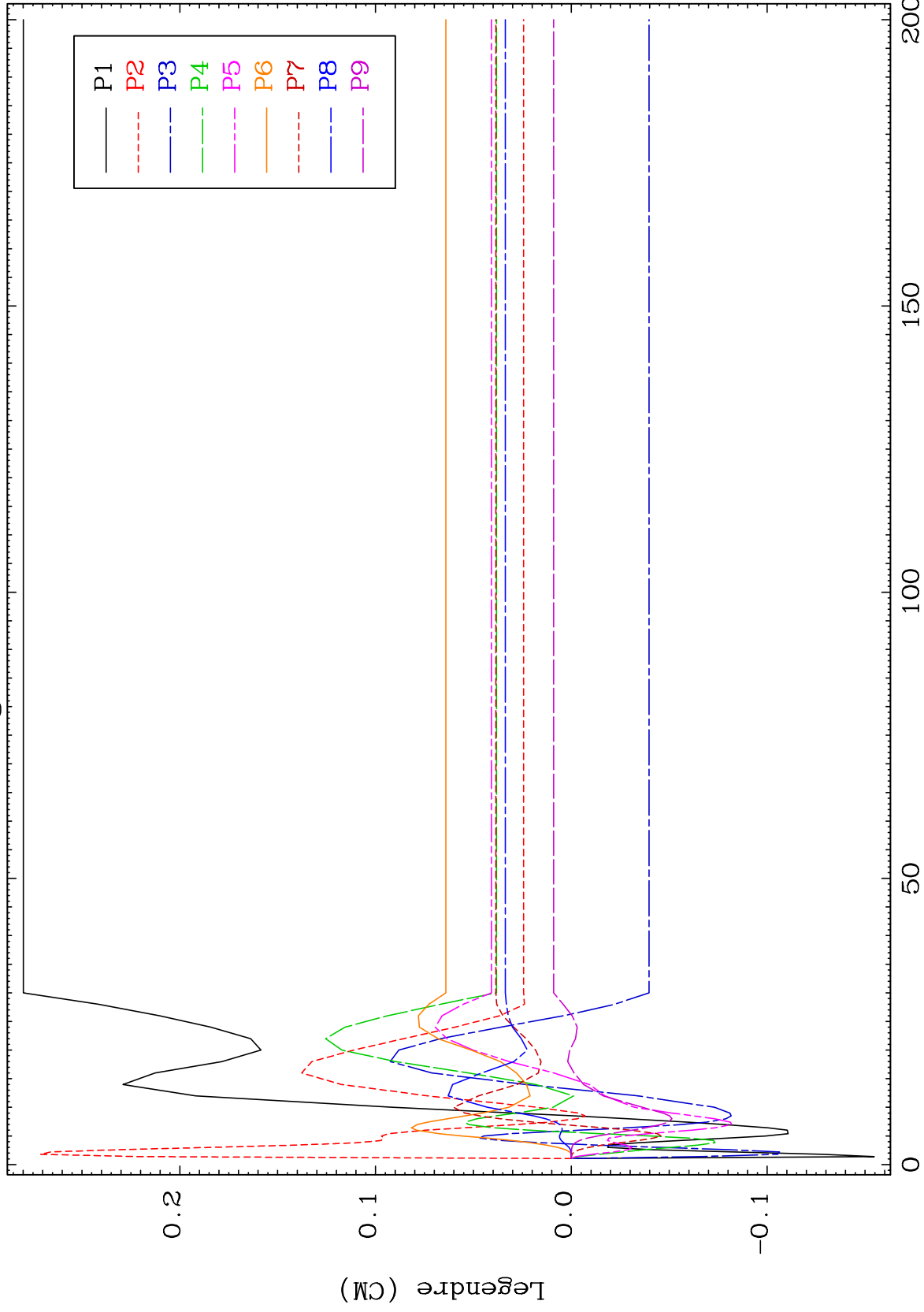
51-Sb-128



MAT 5146

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

51-Sb-128



98

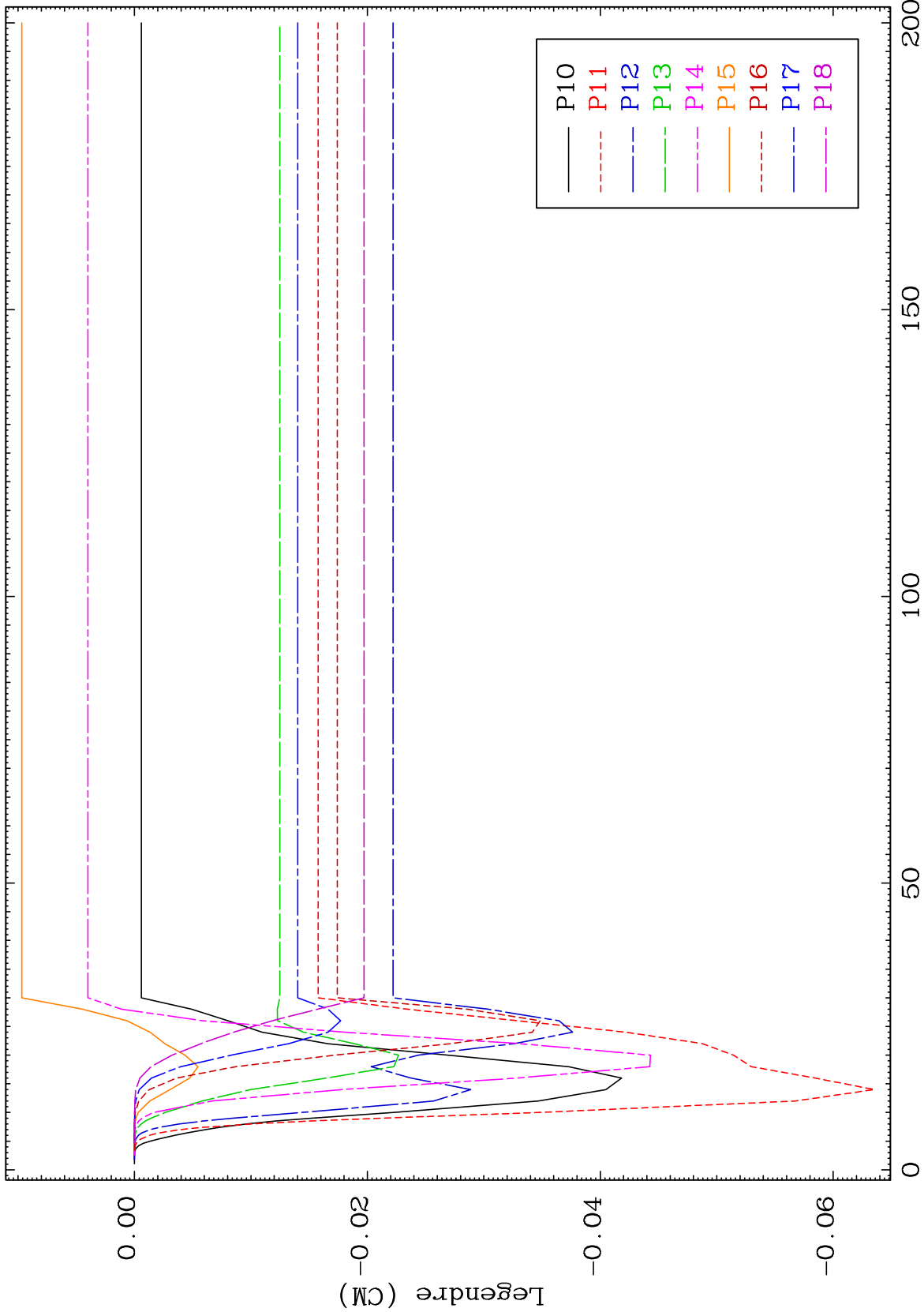
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

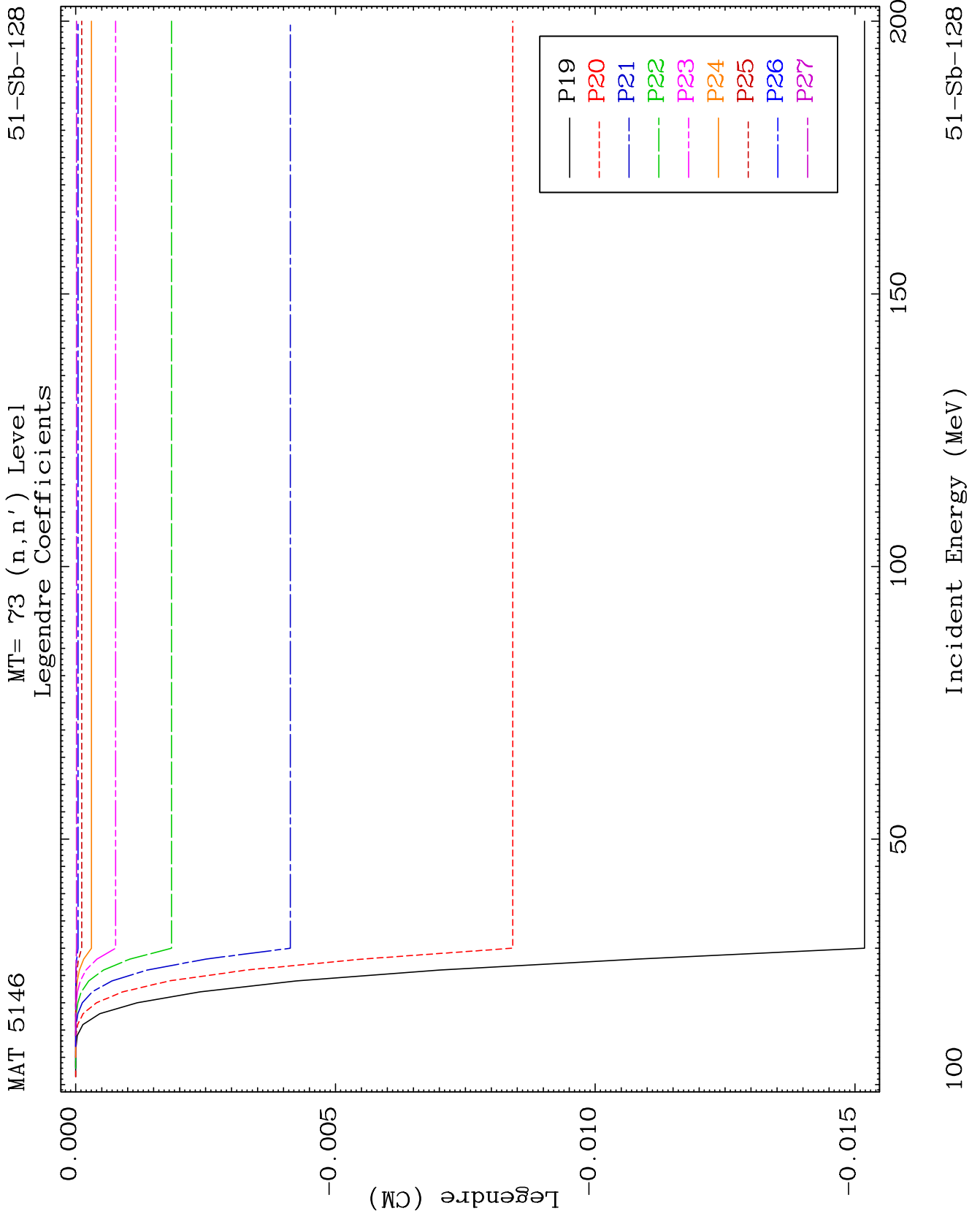
51-Sb-128

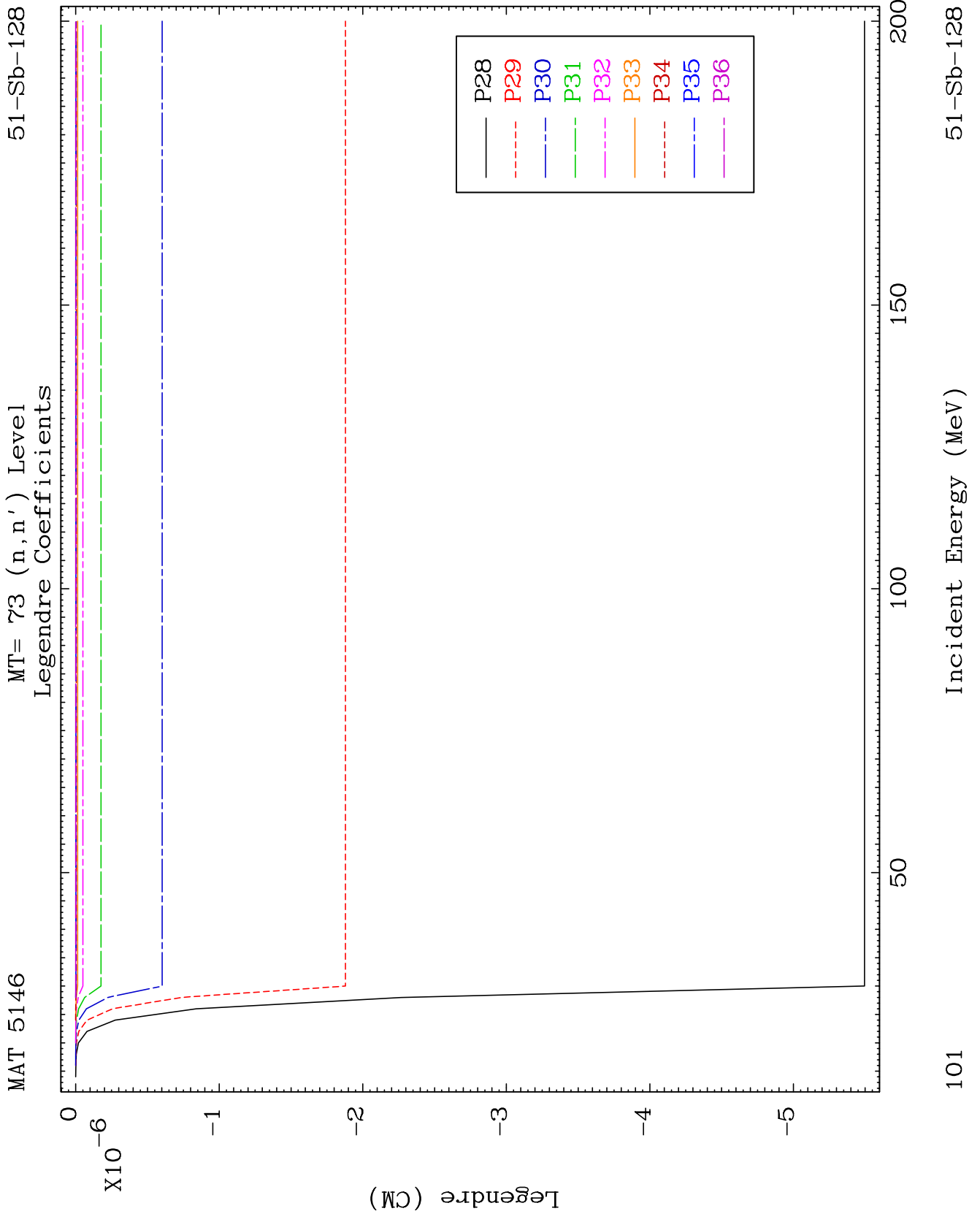


99

Incident Energy (MeV)

51-Sb-128

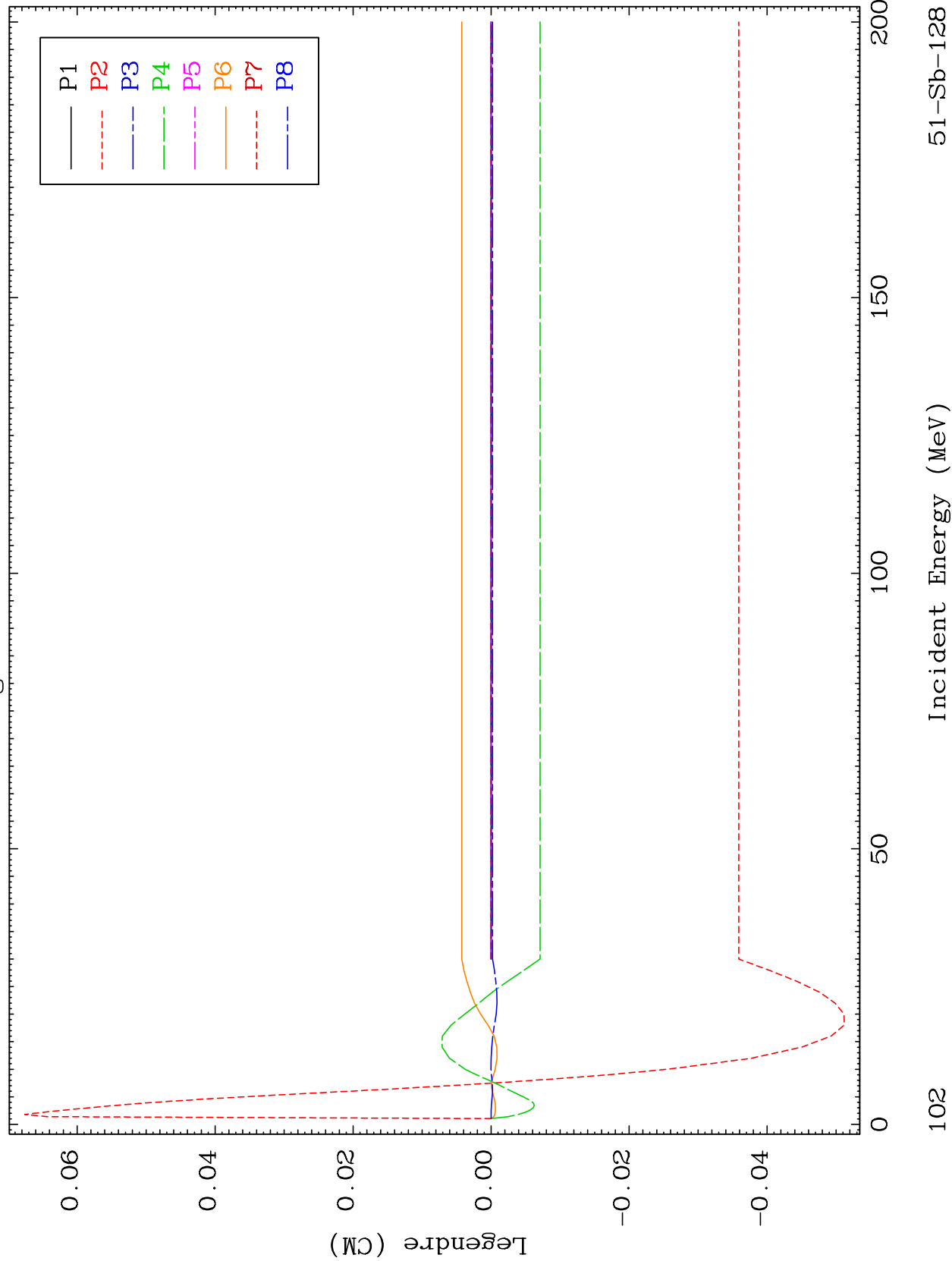




MAT 5146

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

51-Sb-128



51-Sb-128

Incident Energy (MeV)

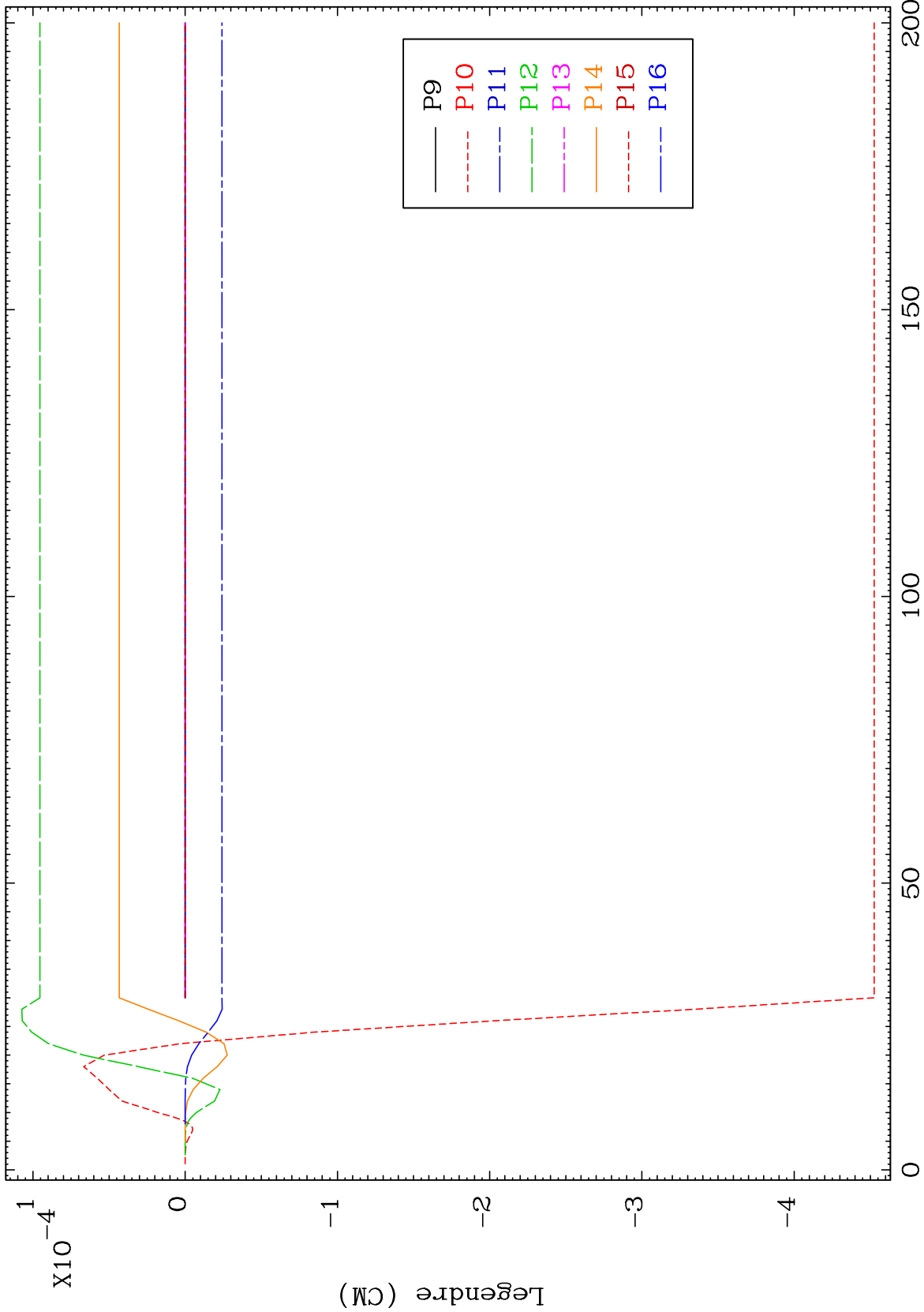
102

MAT 5146

MT= 74 (n,n') Level

51-Sb-128

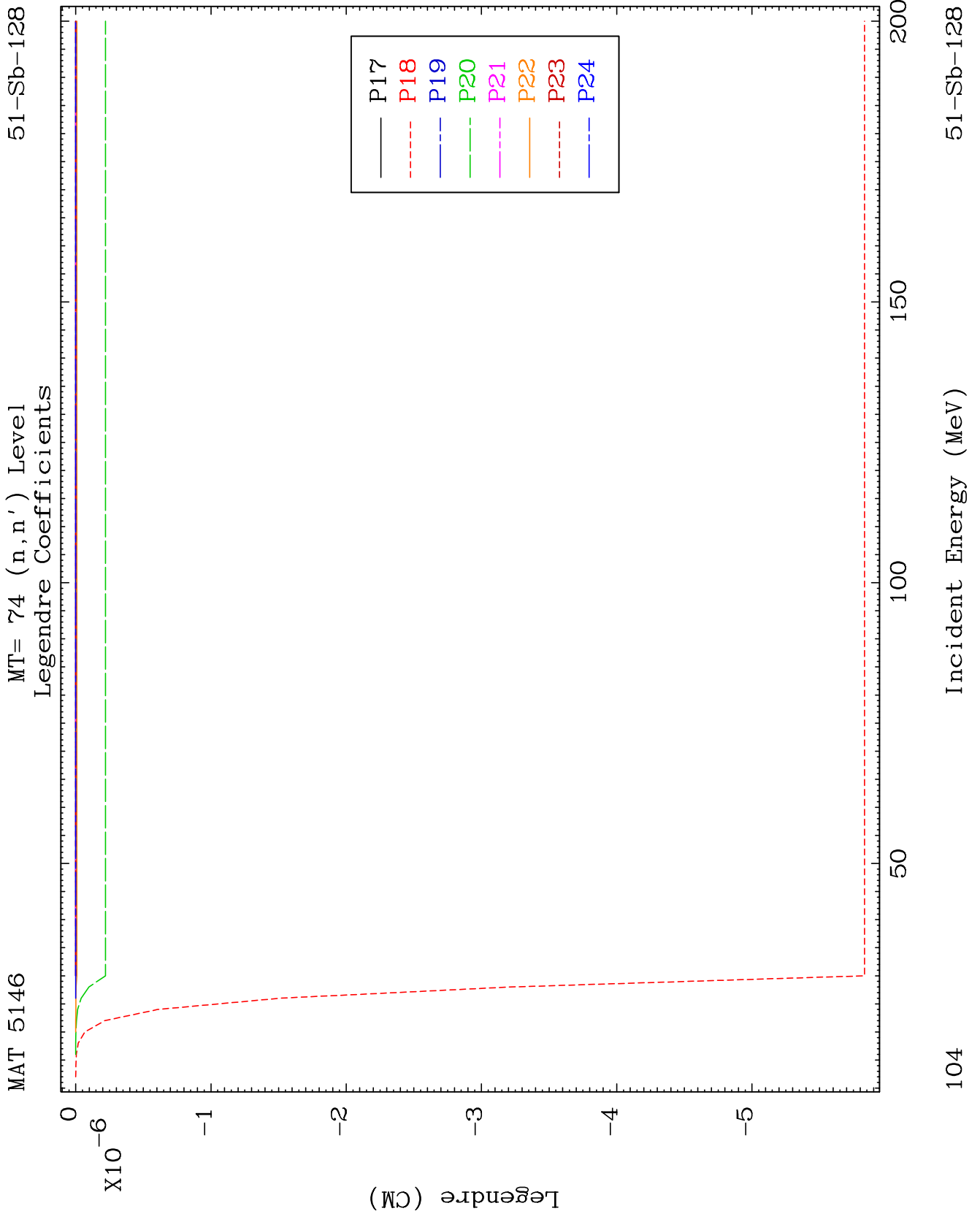
Legendre Coefficients



103

Incident Energy (MeV)

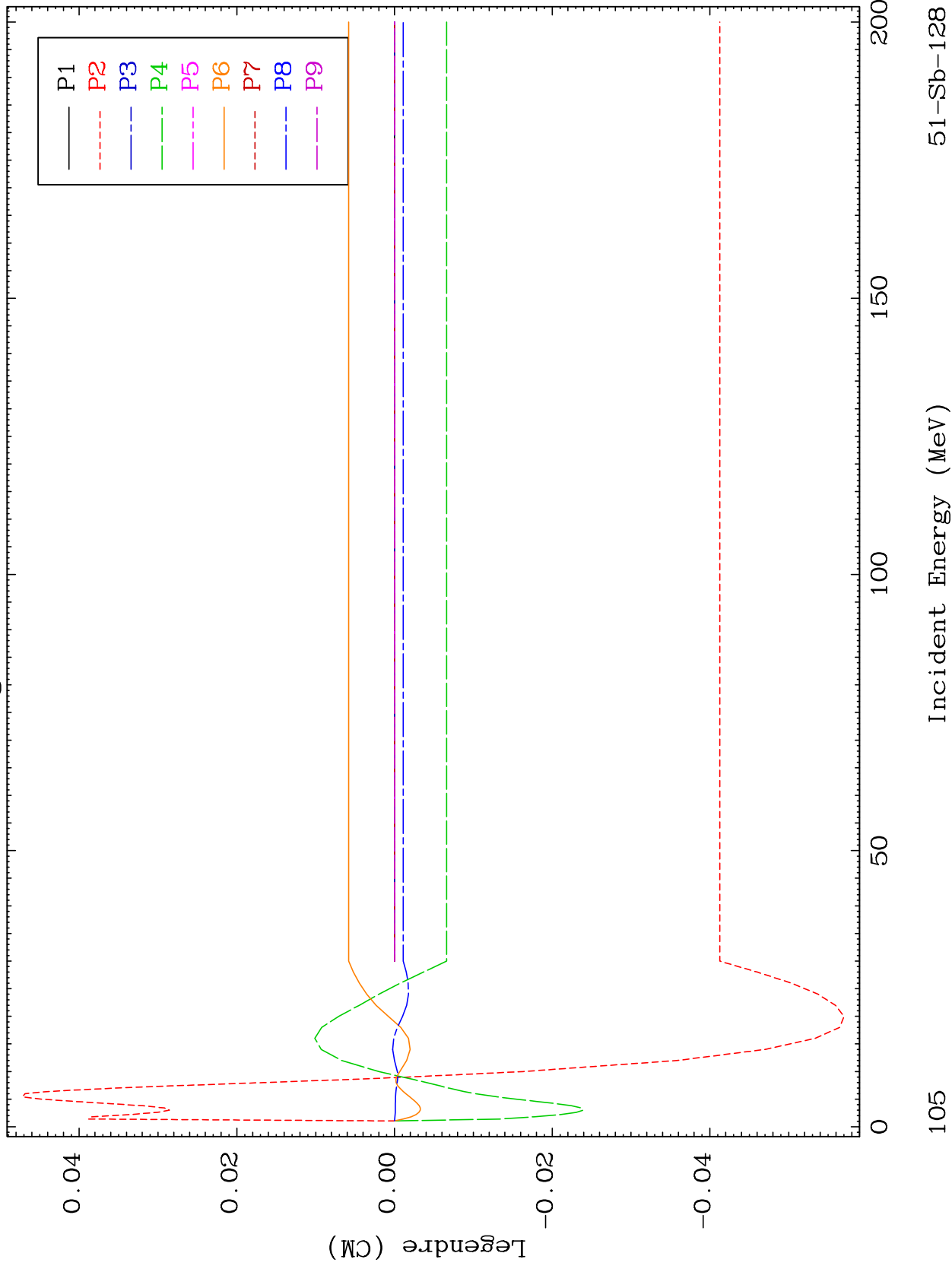
51-Sb-128



MAT 5146

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

51-Sb-128



51-Sb-128

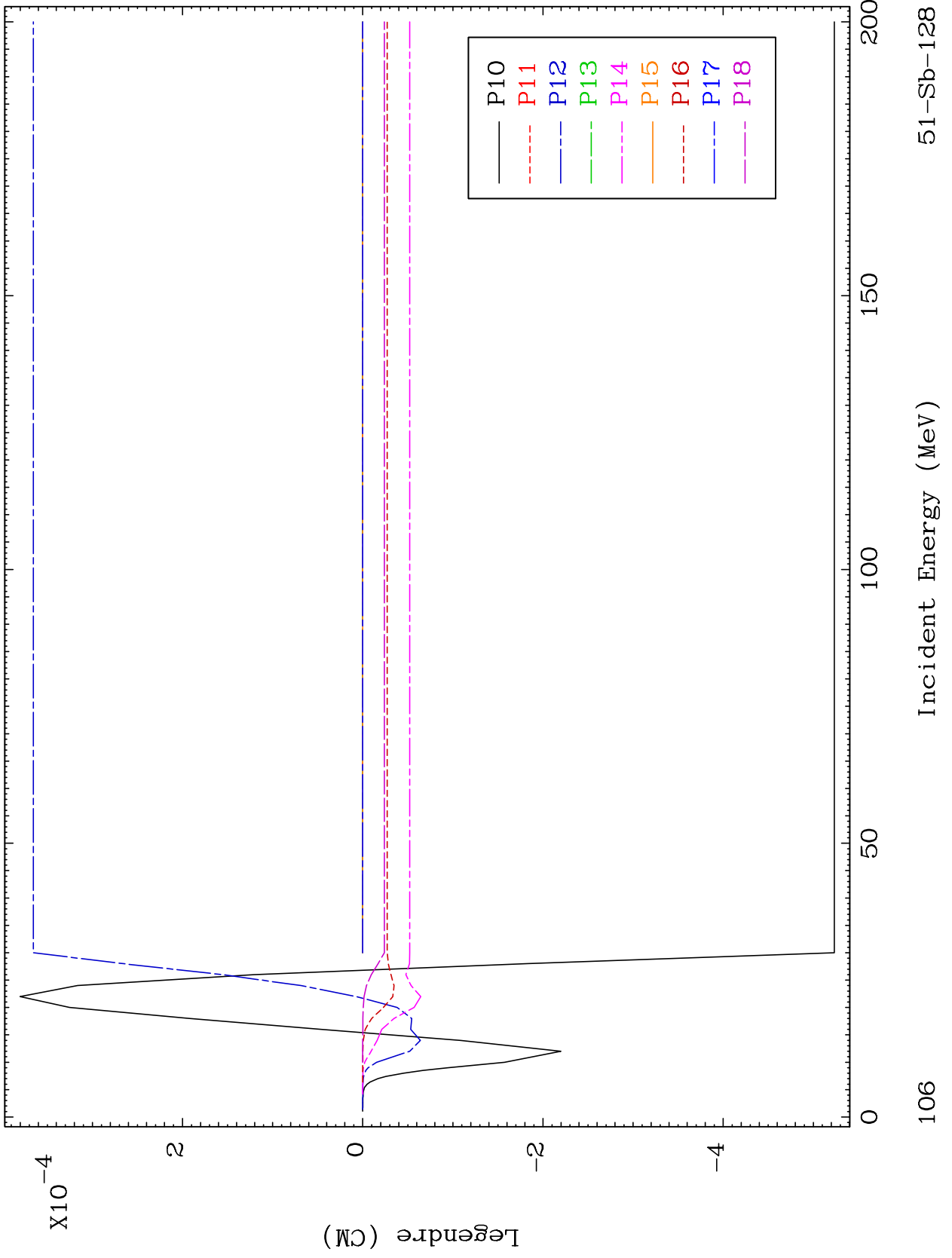
Incident Energy (MeV)

105

MAT 5146

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

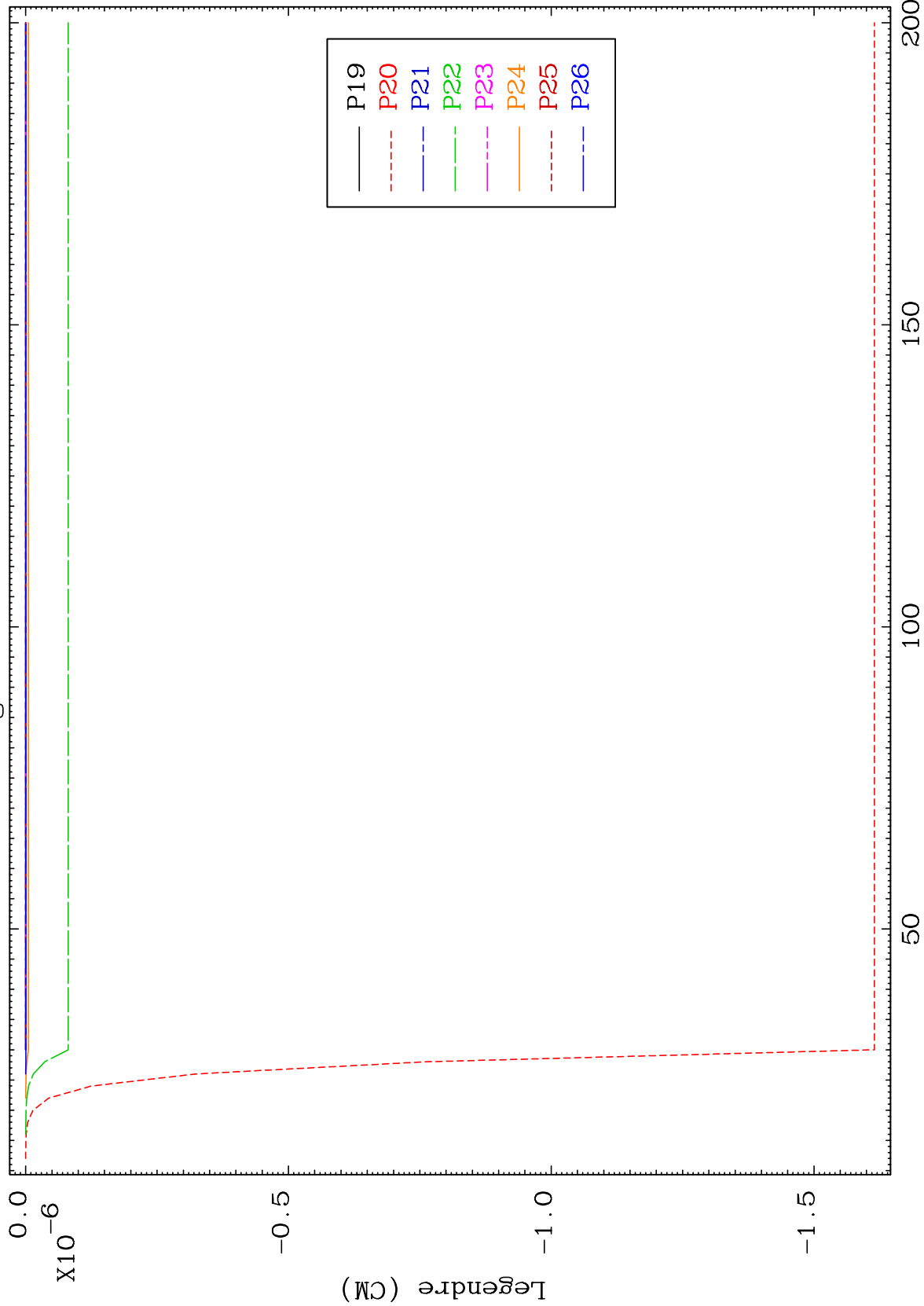
51-Sb-128



MAT 5146

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

51-Sb-128



51-Sb-128

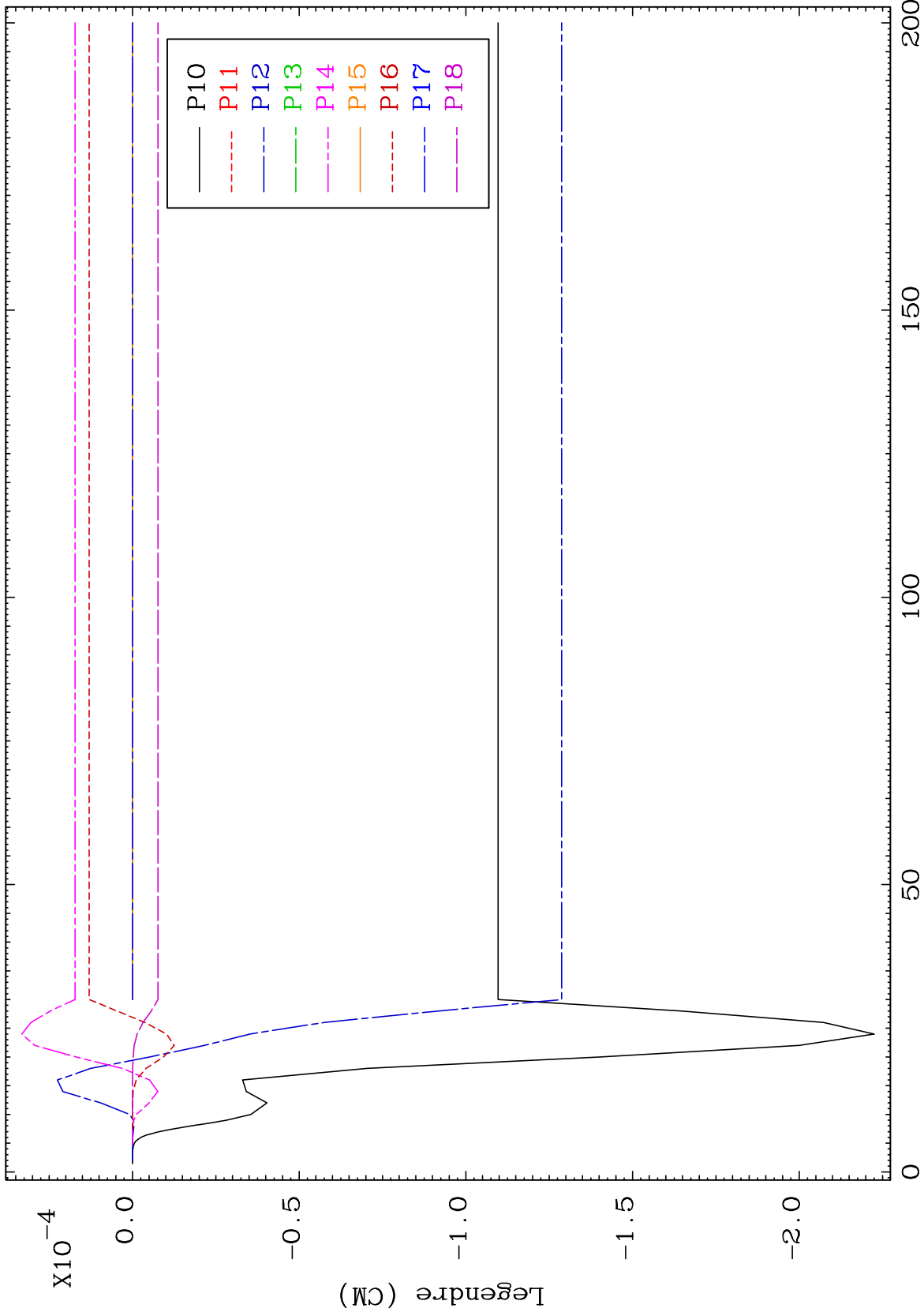
Incident Energy (MeV)

107

MAT 5146

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

51-Sb-128



109

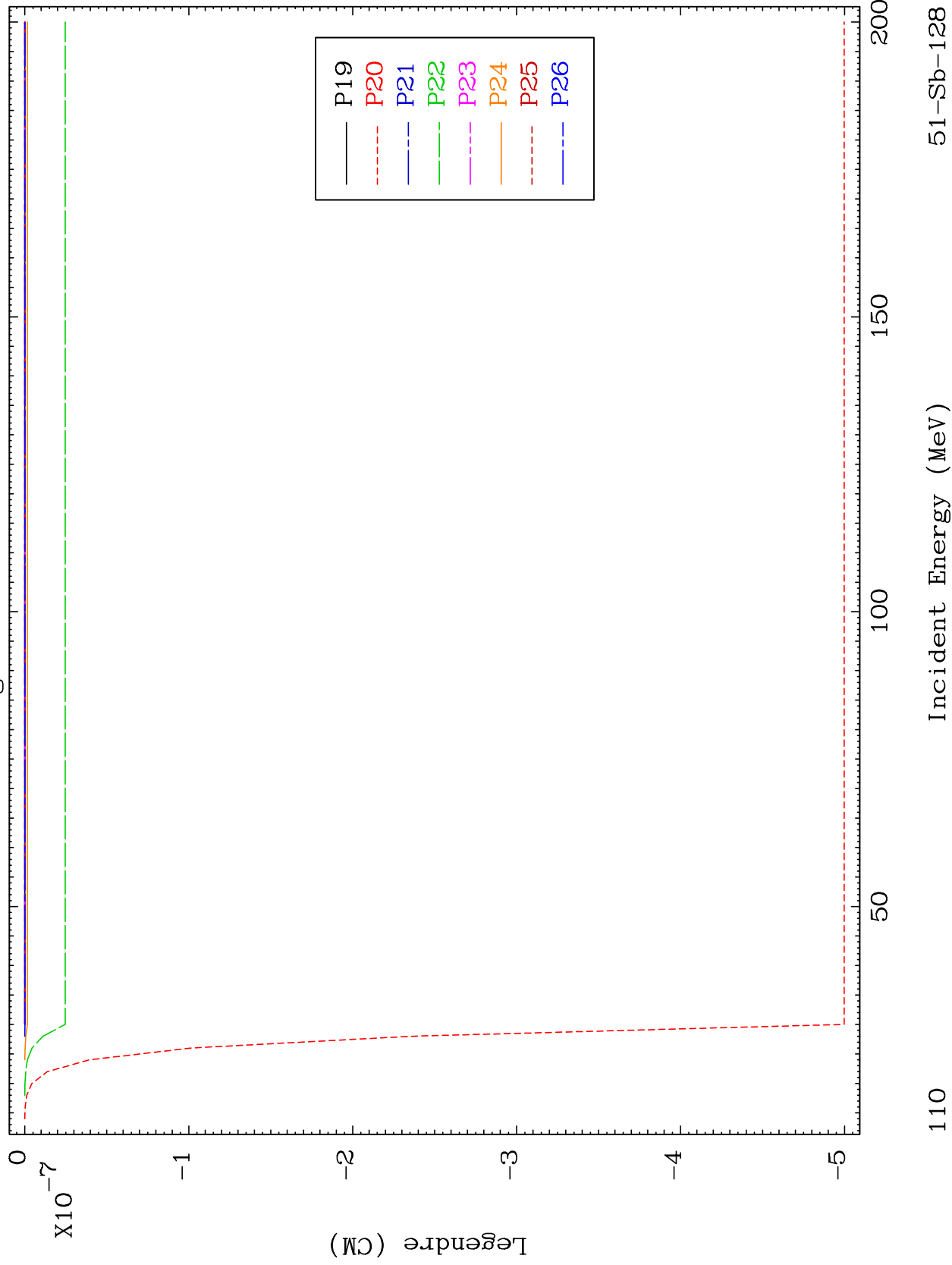
Incident Energy (MeV)

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

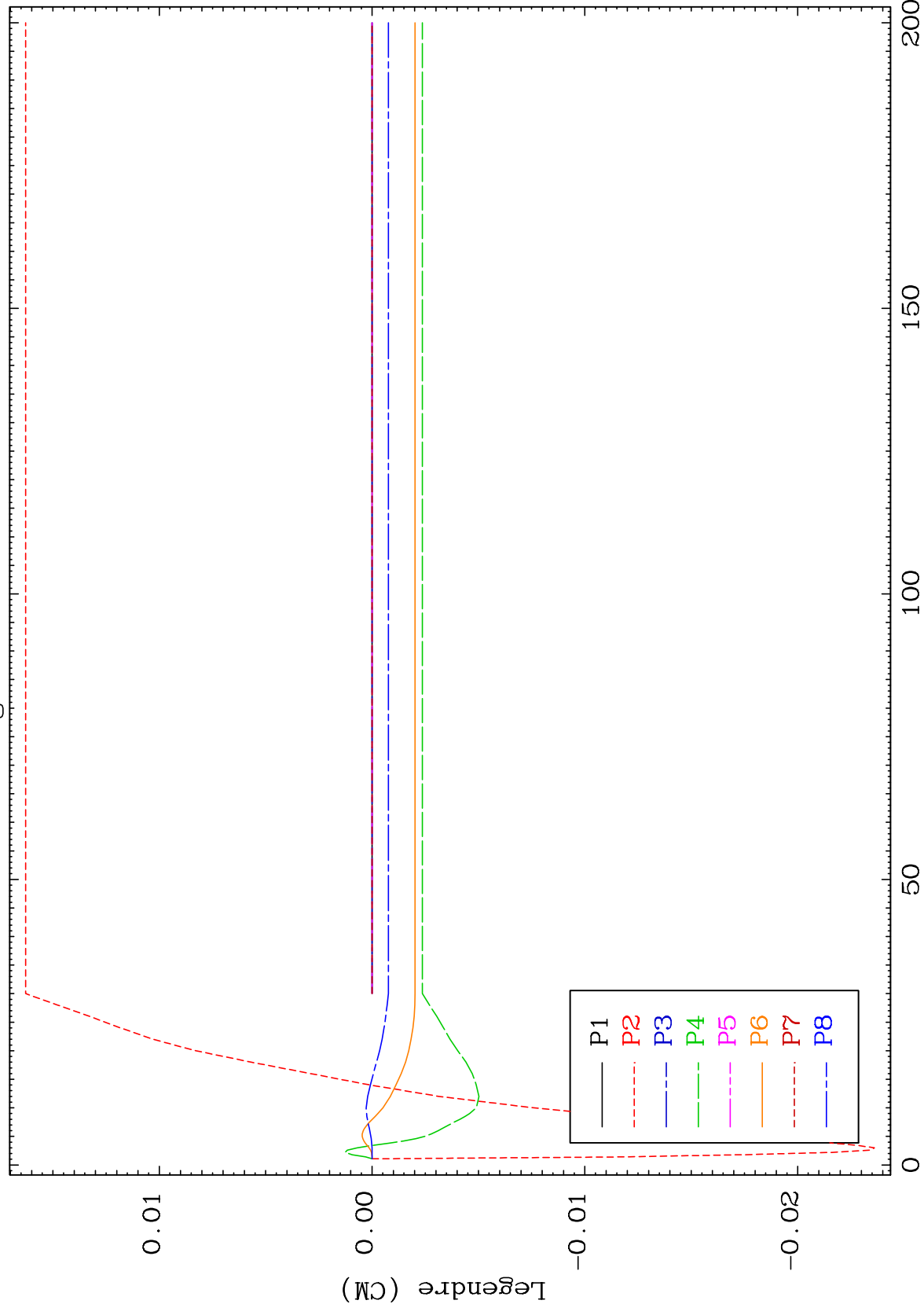
Incident Energy (MeV)

110

MAT 5146

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

51-Sb-128



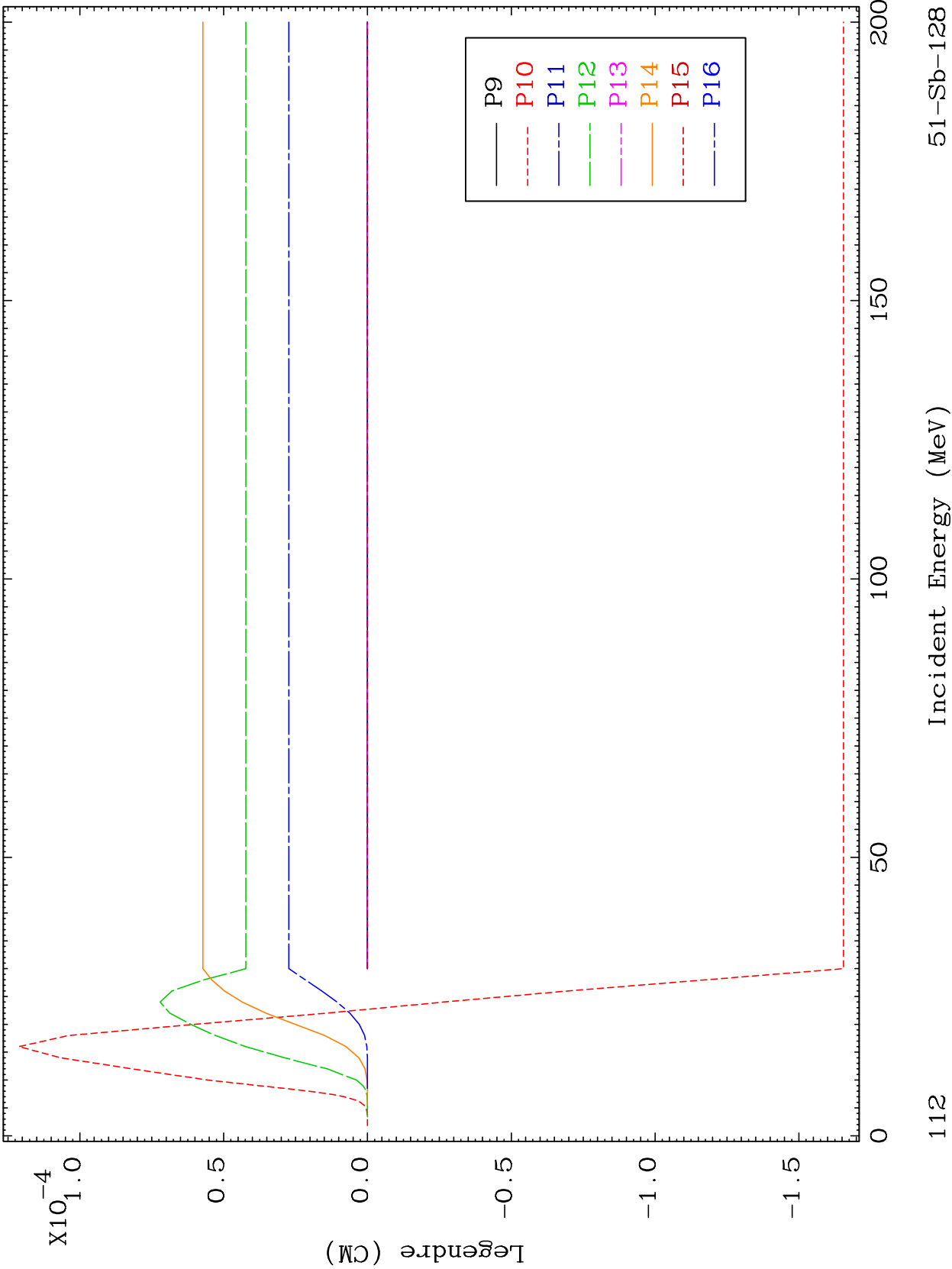
111

51-Sb-128

MAT 5146

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

51-Sb-128



51-Sb-128

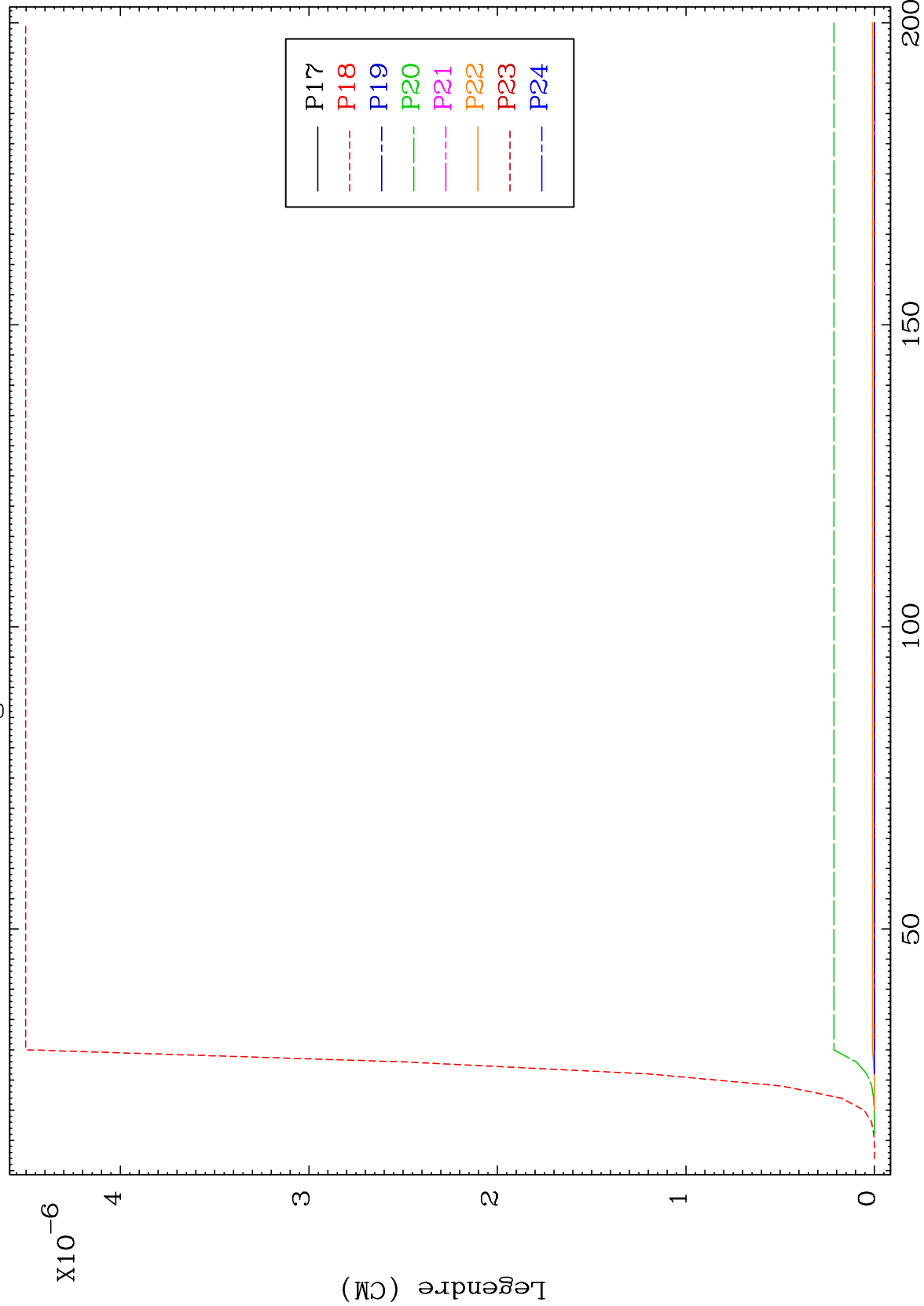
Incident Energy (MeV)

112

MAT 5146

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

51-Sb-128



113

Incident Energy (MeV)

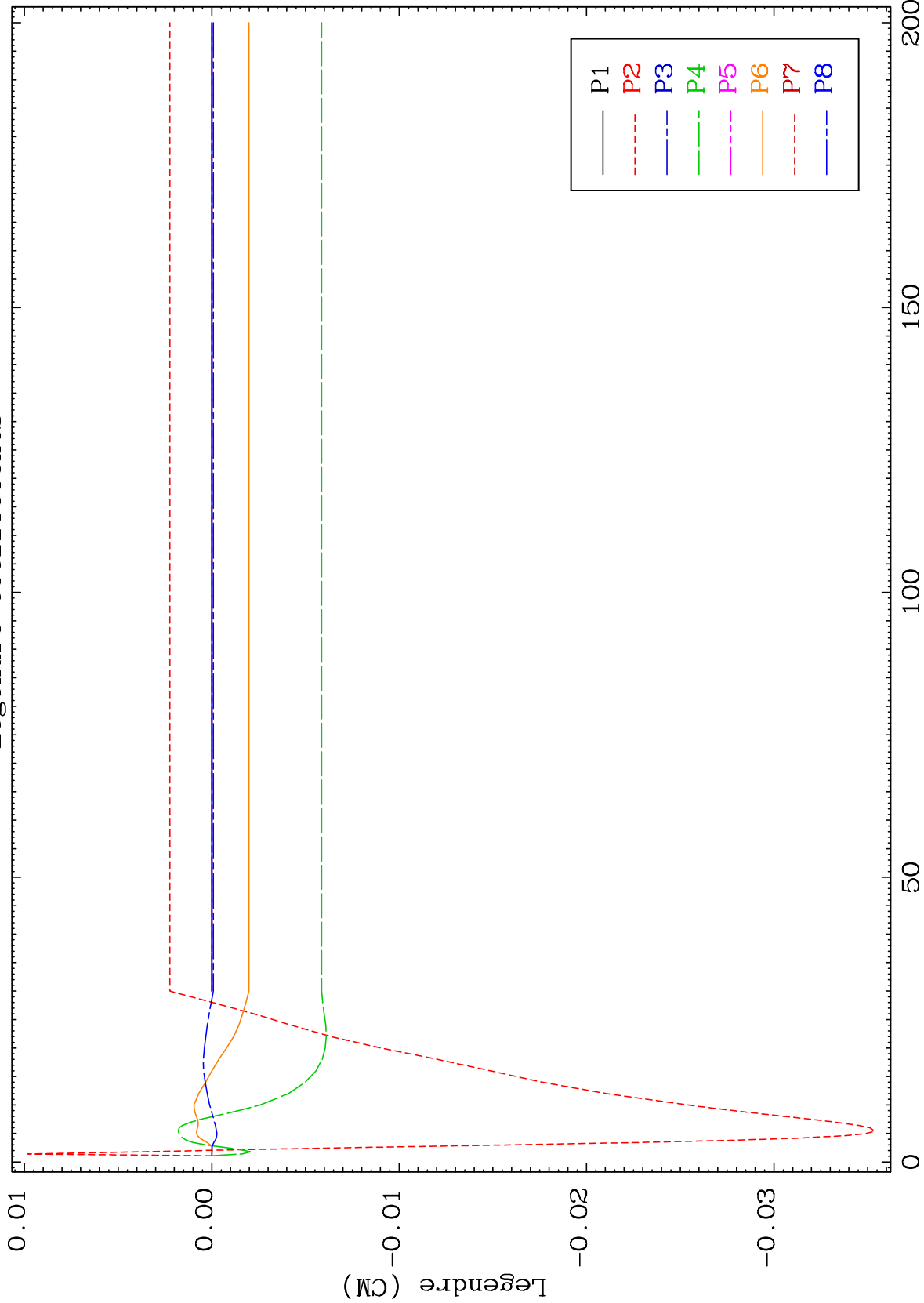
51-Sb-128

MAT 5146

MT= 78 (n,n') Level

51-Sb-128

Legendre Coefficients



51-Sb-128

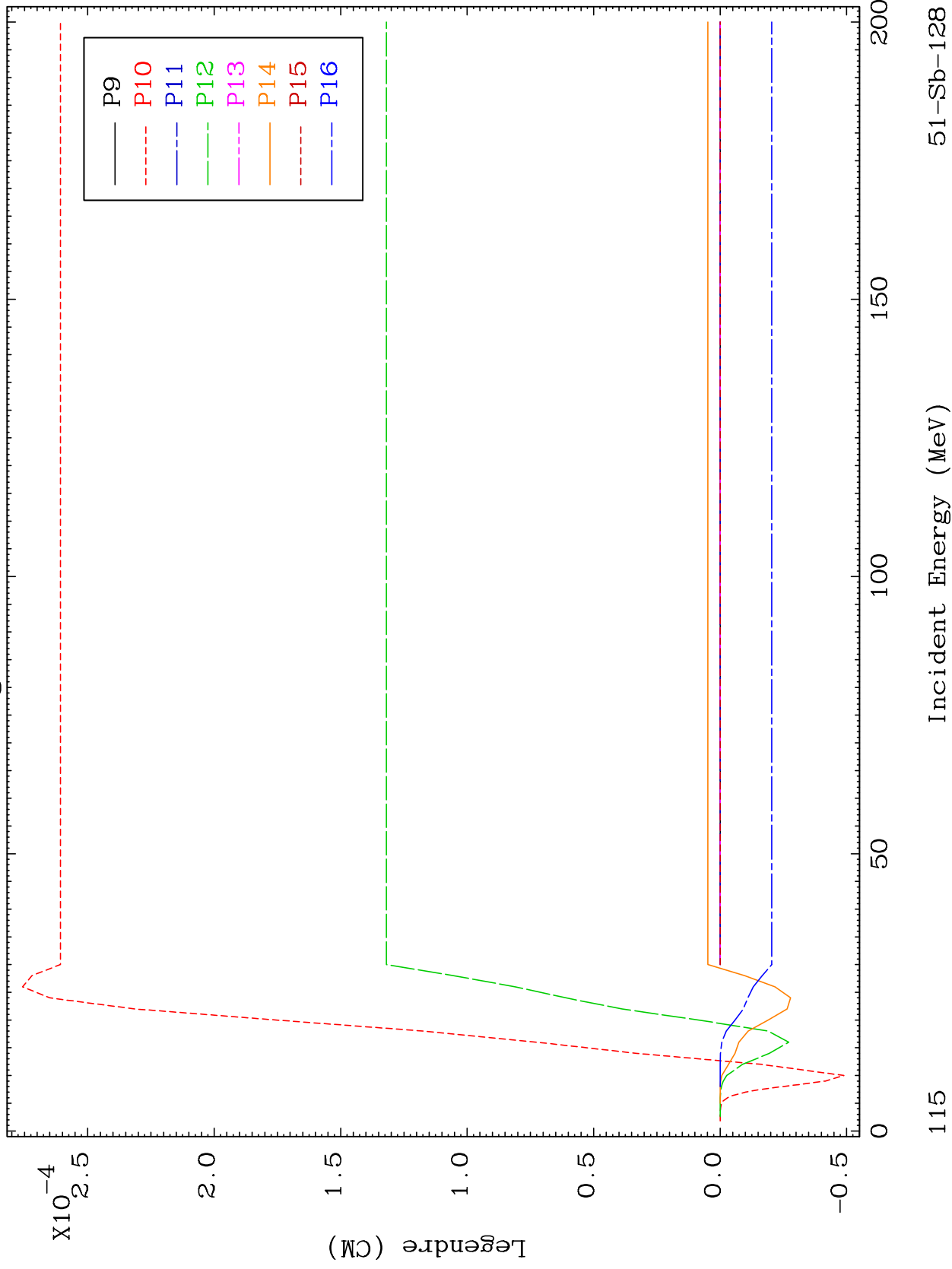
Incident Energy (MeV)

114

MAT 5146

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

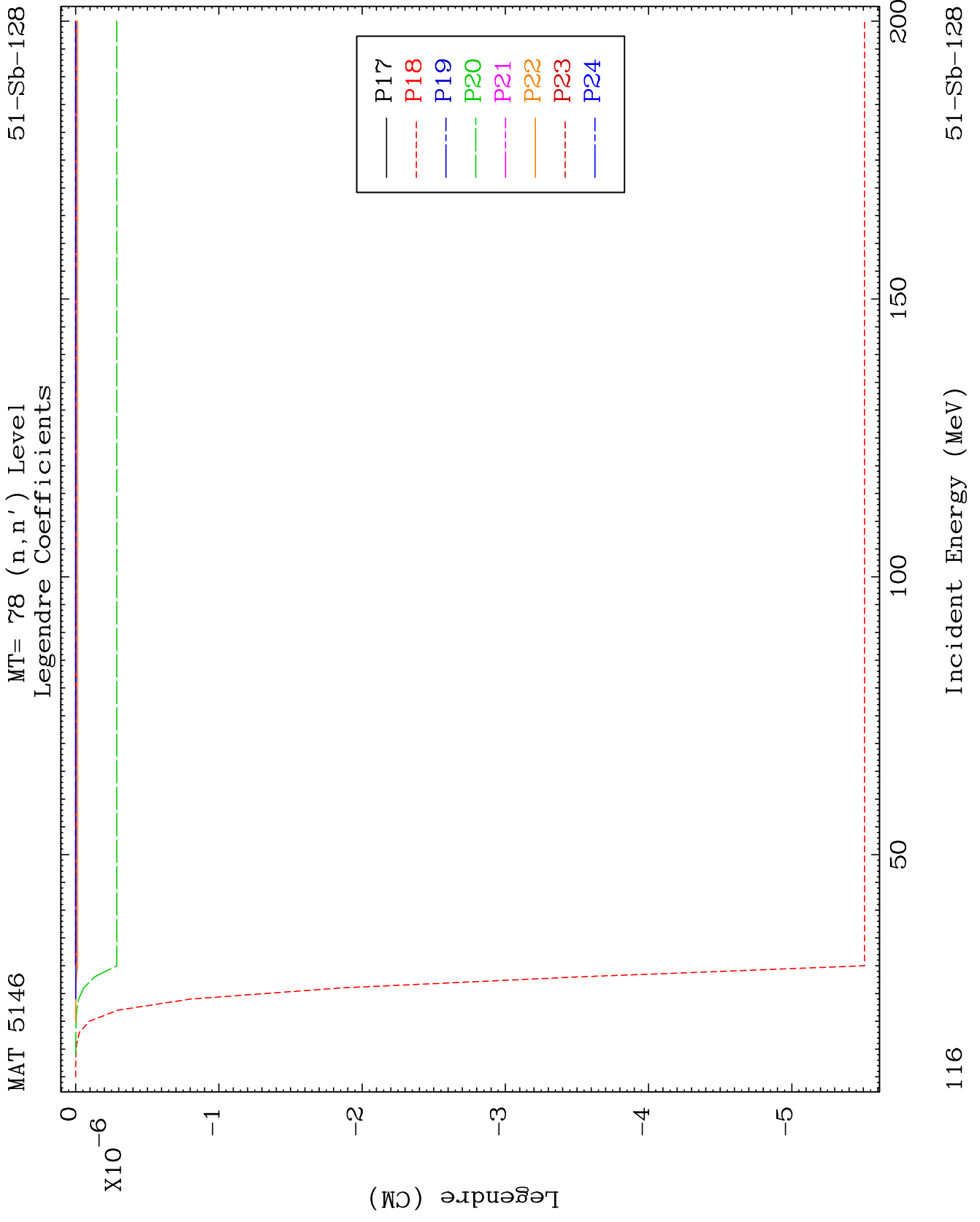
51-Sb-128



51-Sb-128

Incident Energy (MeV)

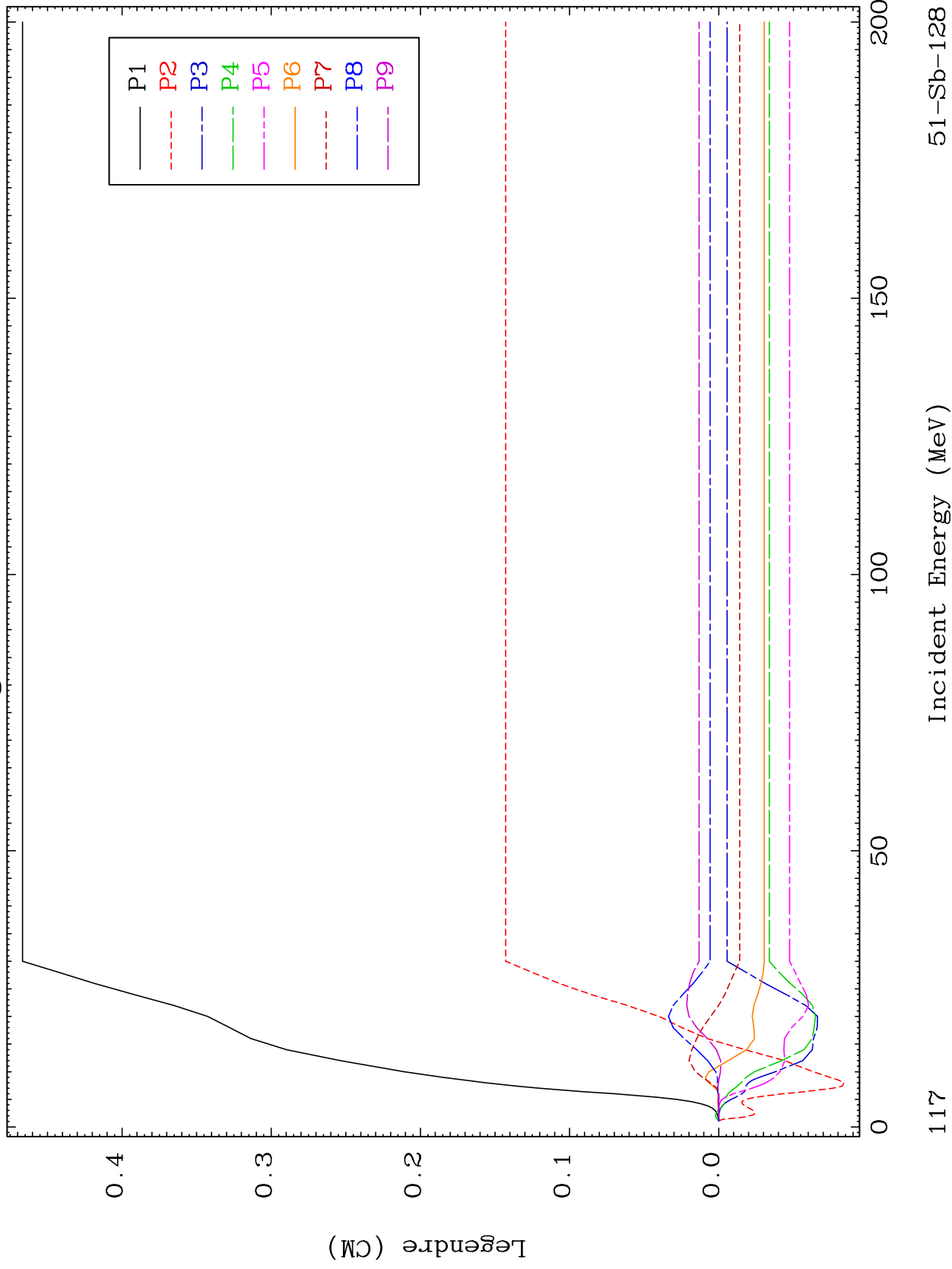
115



MAT 5146

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

51-Sb-128



51-Sb-128

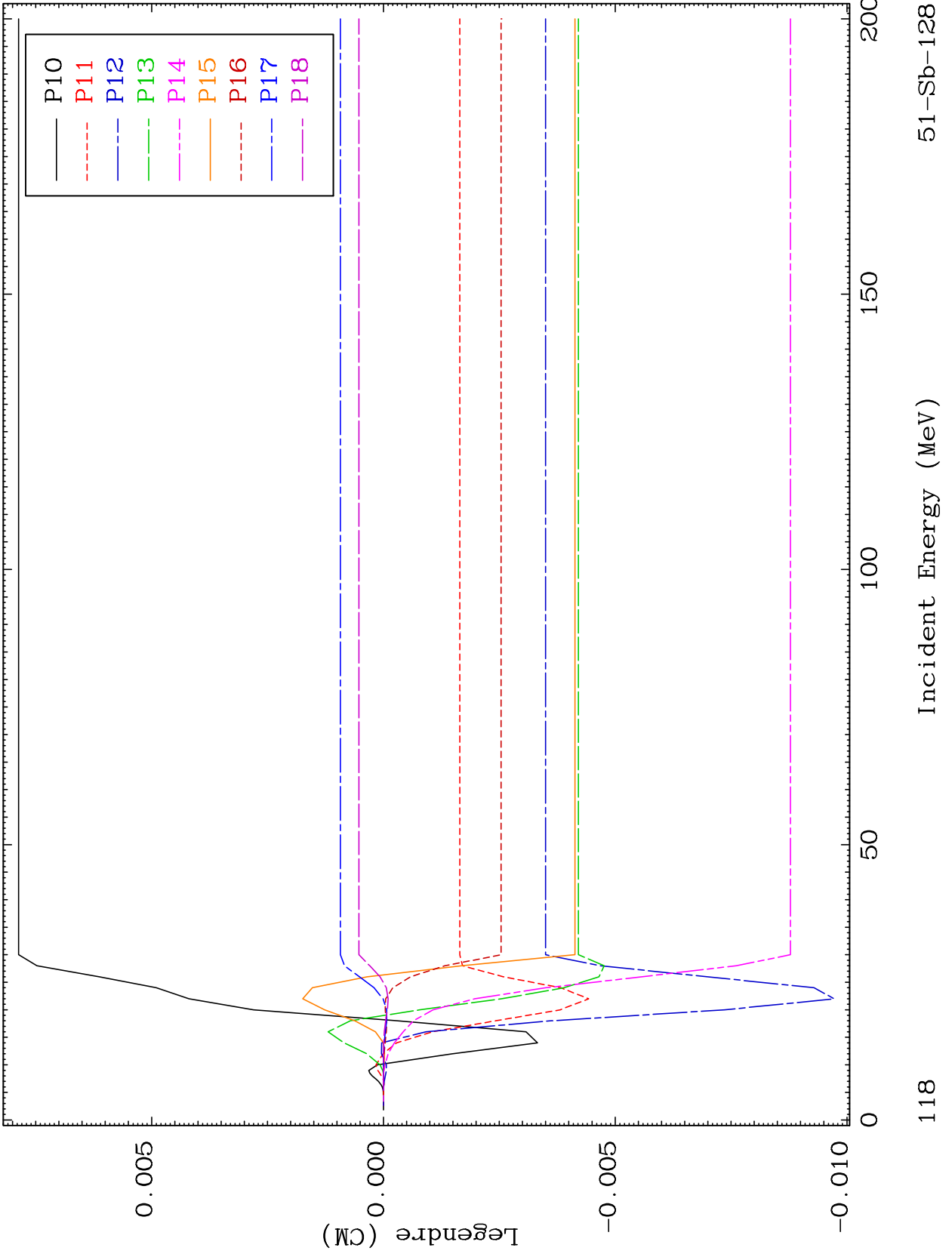
Incident Energy (MeV)

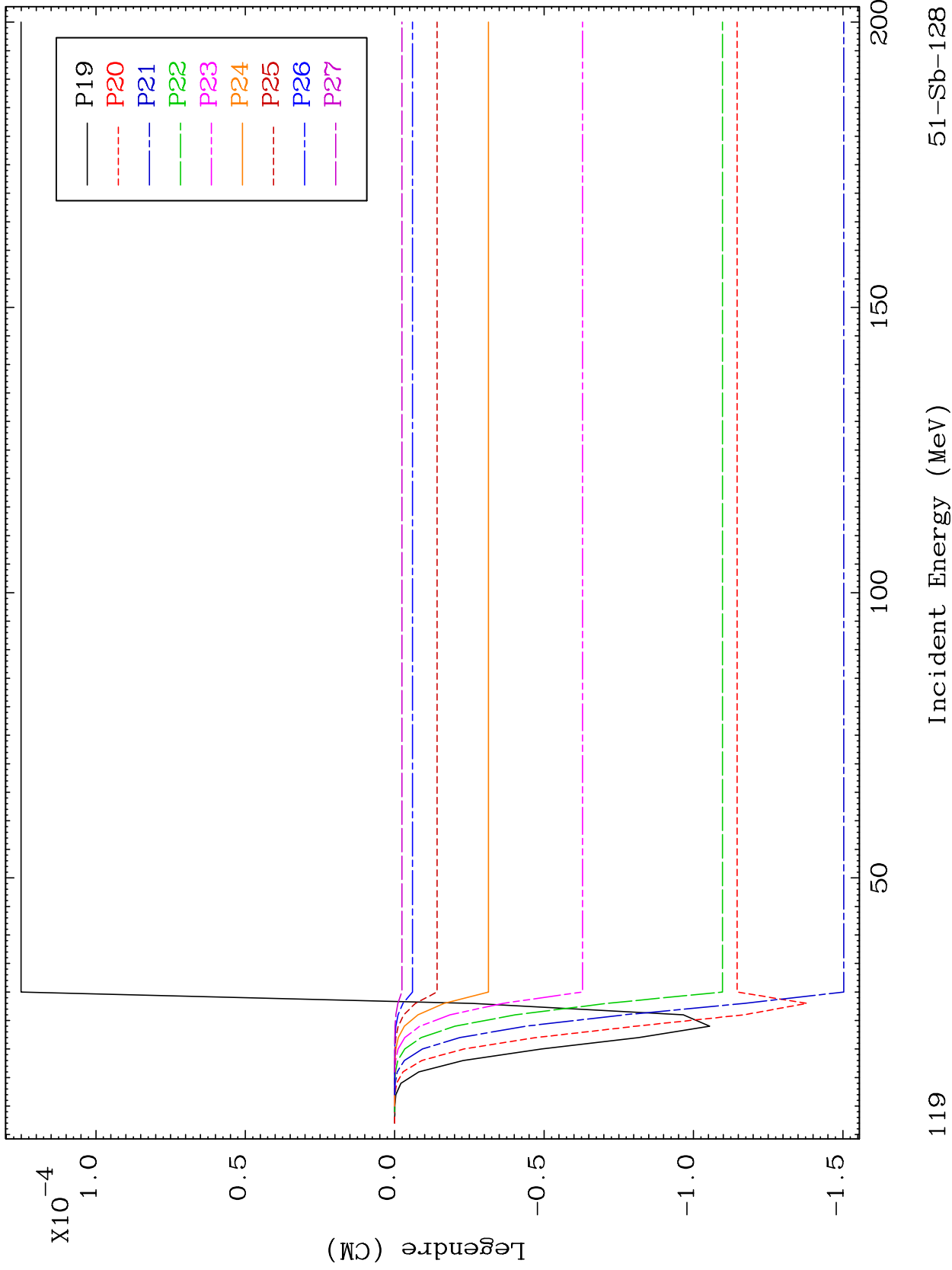
117

MAT 5146

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

51-Sb-128



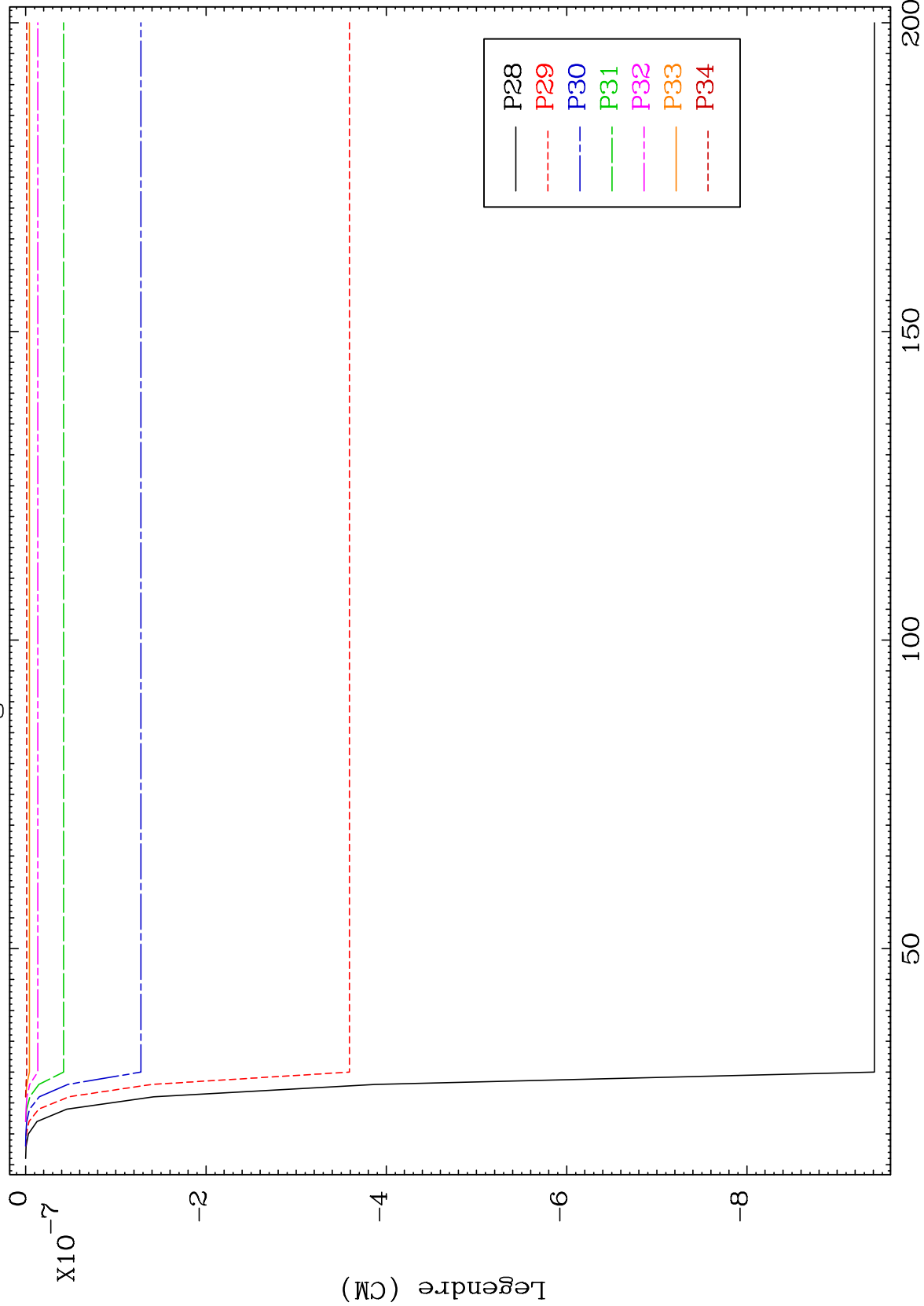


MAT 5146

MT= 79 (n,n') Level

51-Sb-128

Legendre Coefficients



120

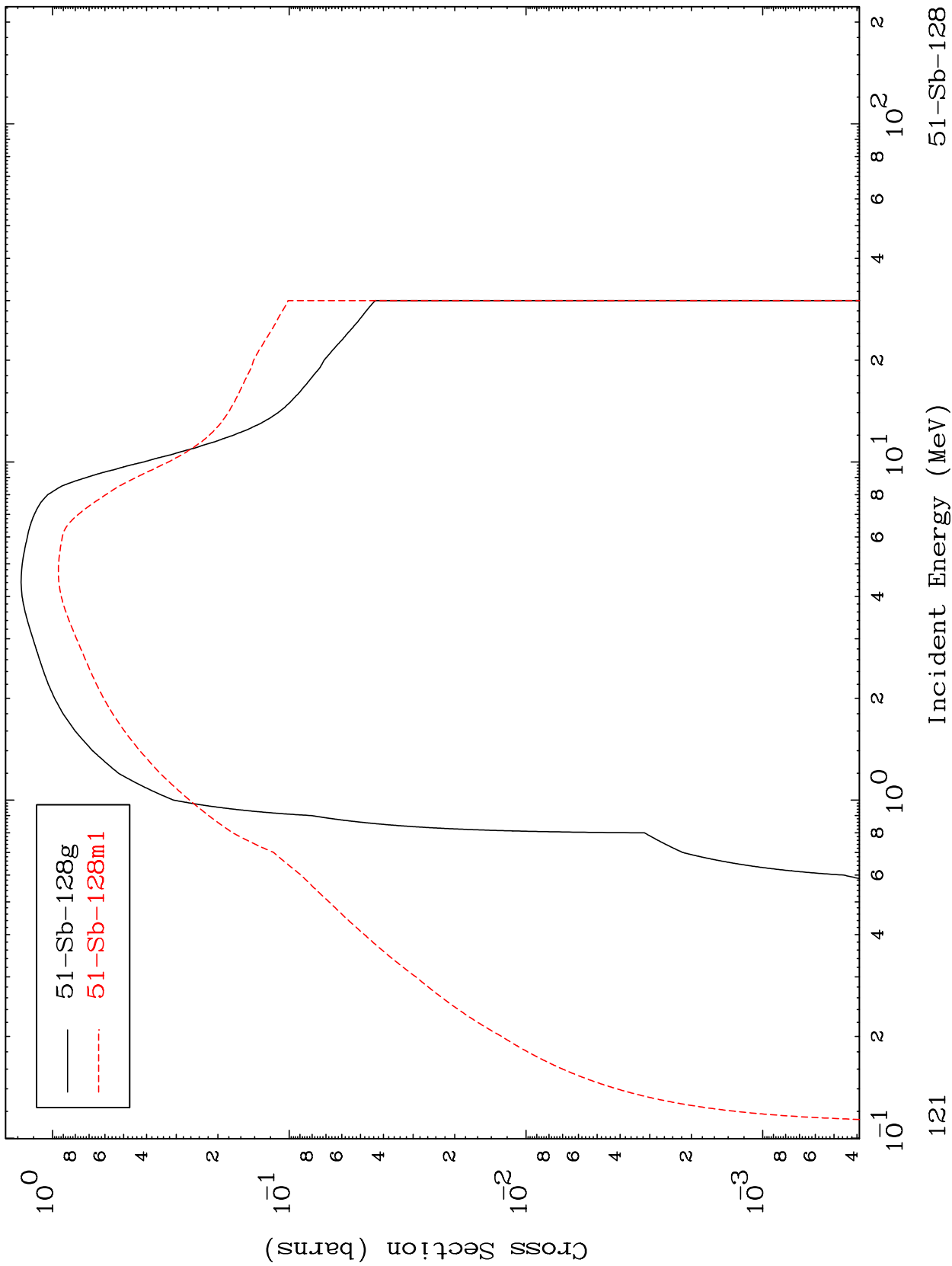
Incident Energy (MeV)

51-Sb-128

MAT 5146

51-Sb-128

Radionuclide Production Cross Section



51-Sb-128

Incident Energy (MeV)

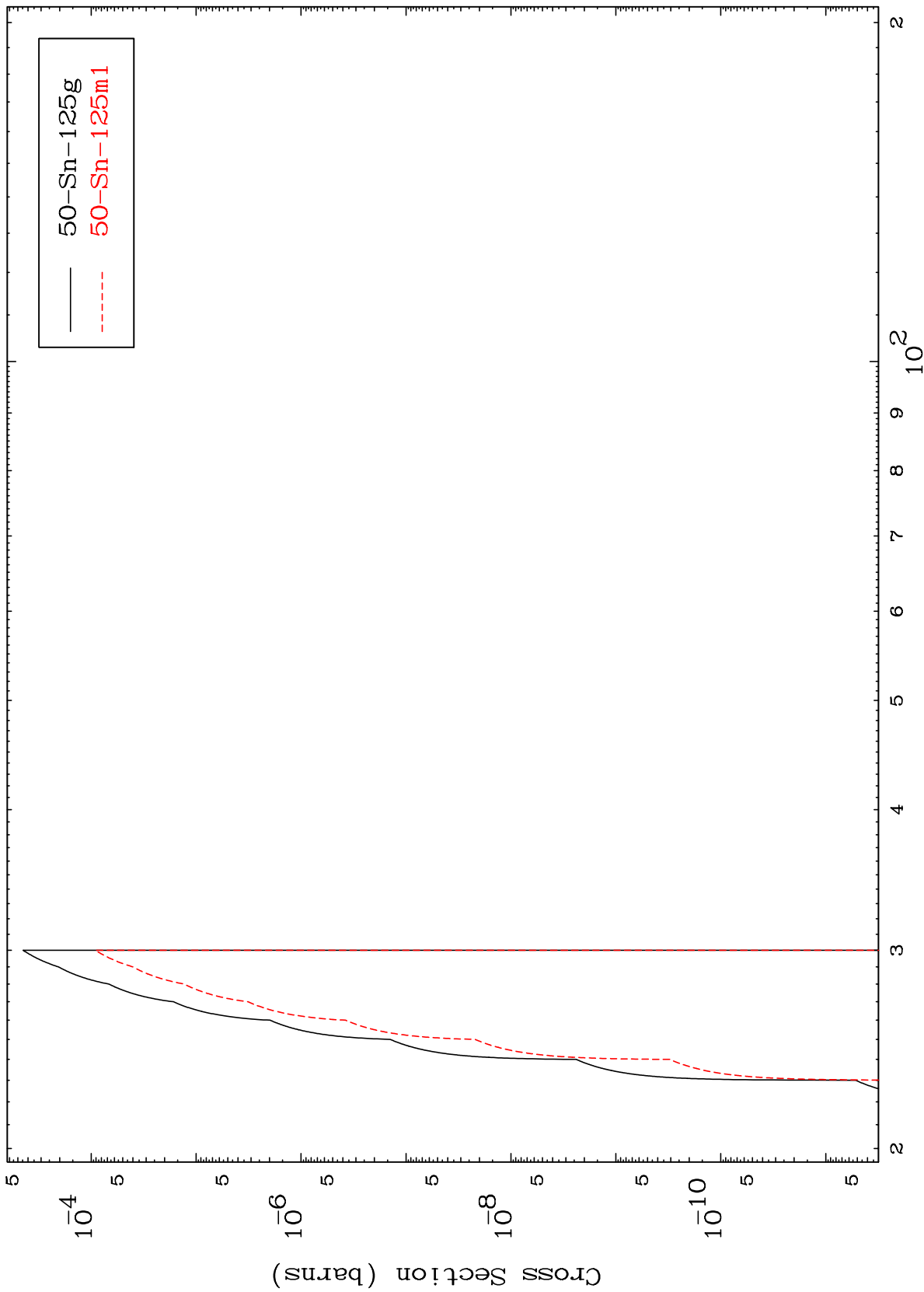
121

MAT 5146

(n,2n) d

51-Sb-128

Radionuclide Production Cross Section



122

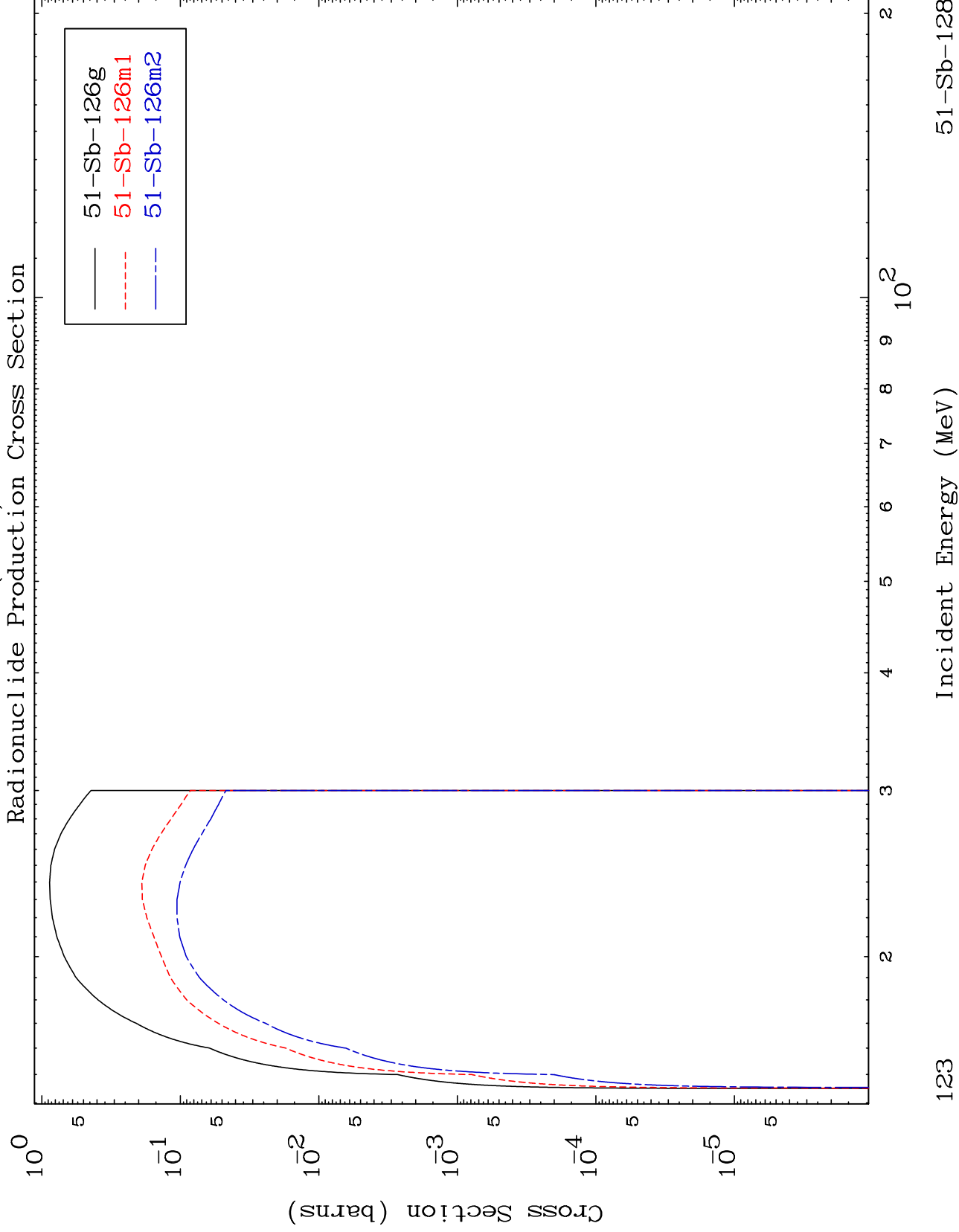
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n,3n)

51-Sb-128



123

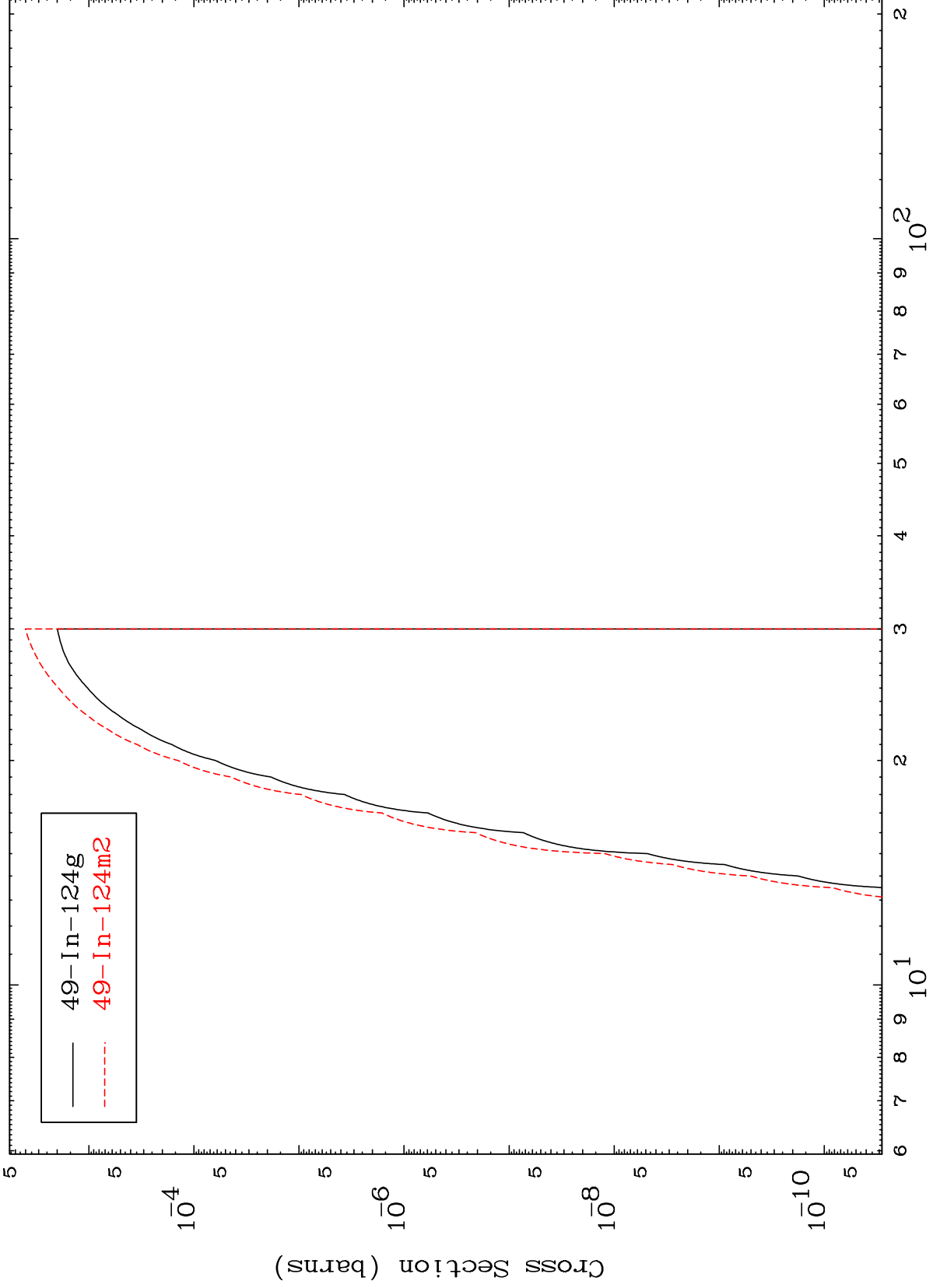
51-Sb-128

MAT 5146

51-Sb-128

(n,n') α

Radionuclide Production Cross Section

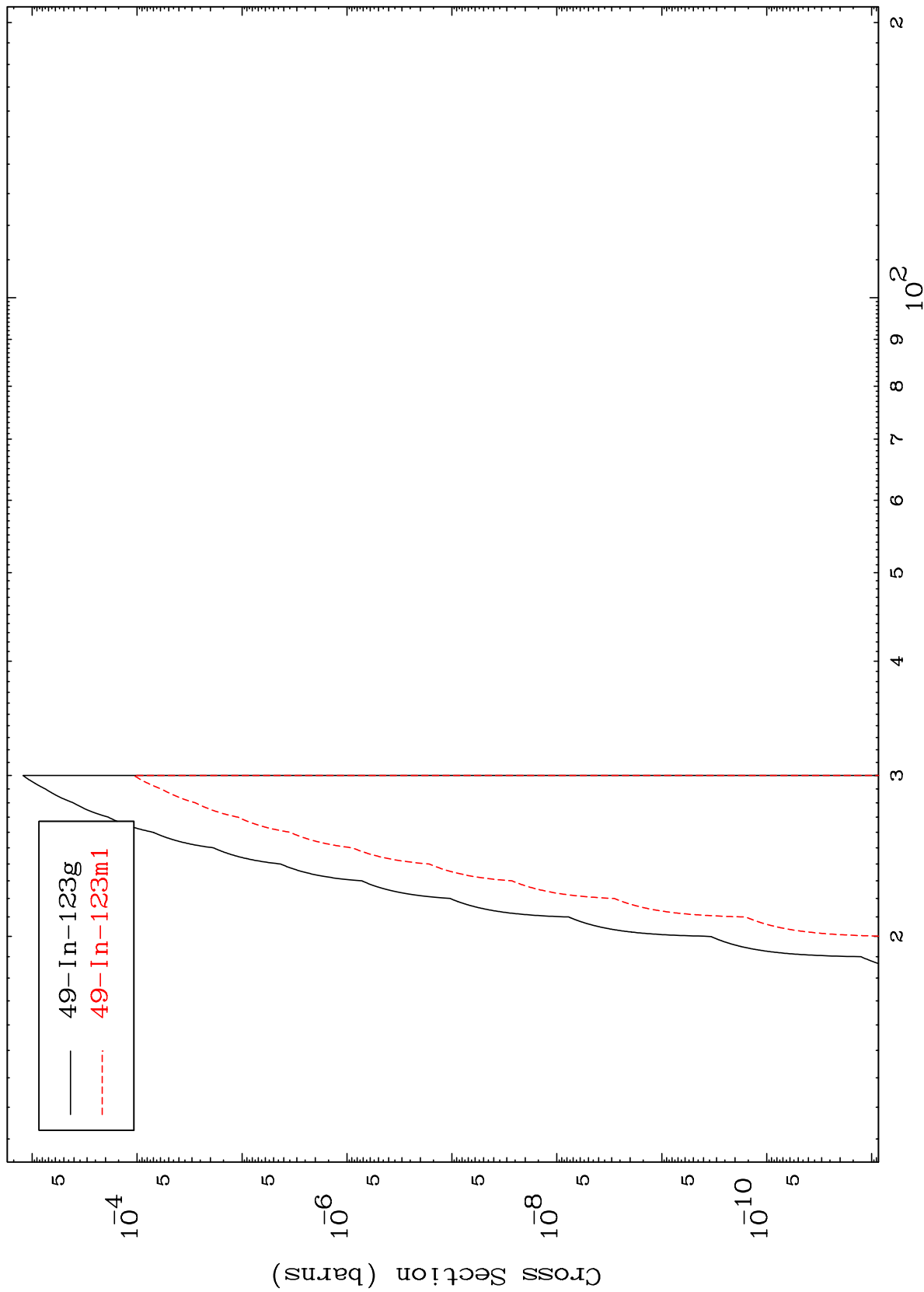


124

Incident Energy (MeV)

51-Sb-128

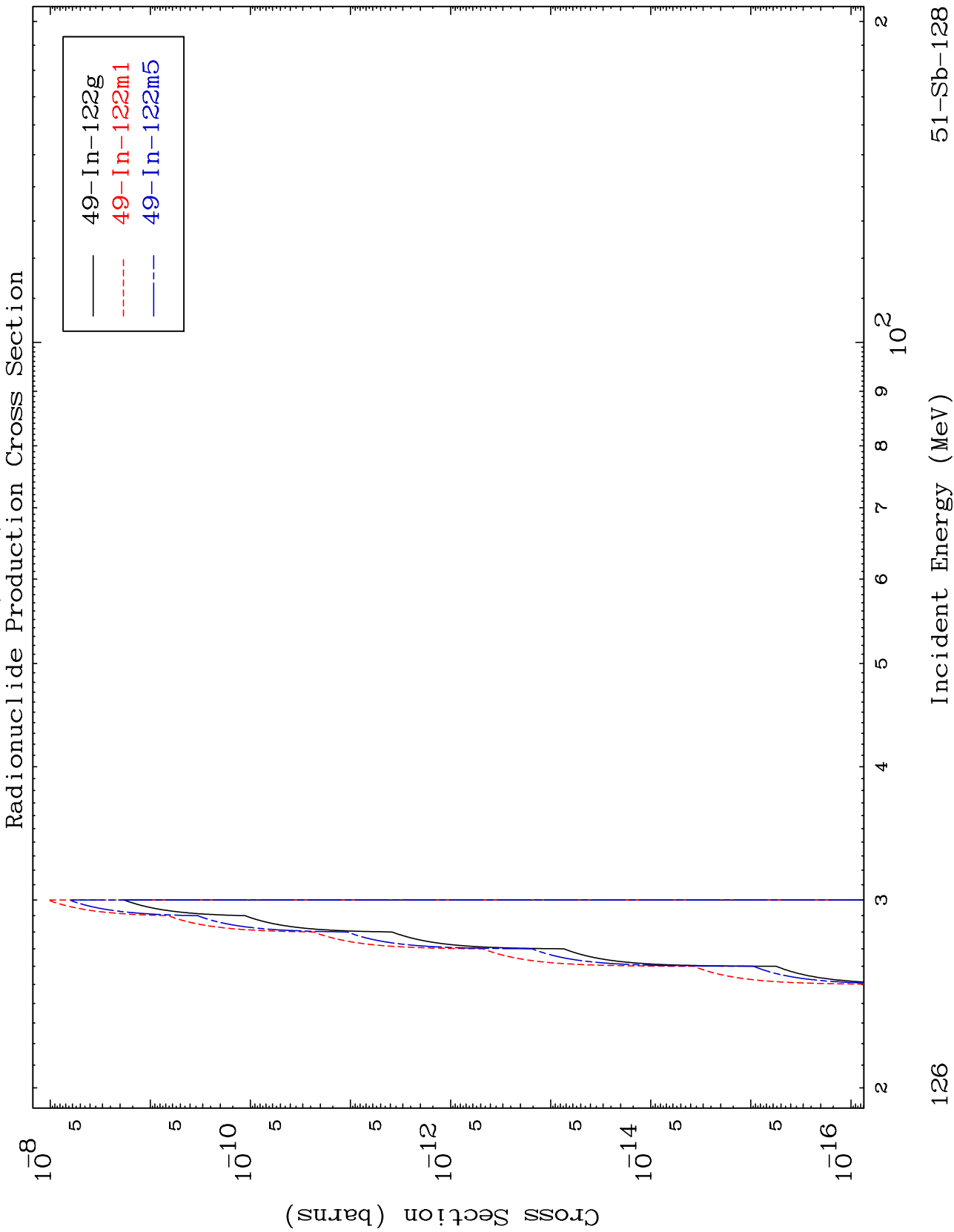
Radionuclide Production Cross Section



MAT 5146

(n,3n) α

51-Sb-128



51-Sb-128

Incident Energy (MeV)

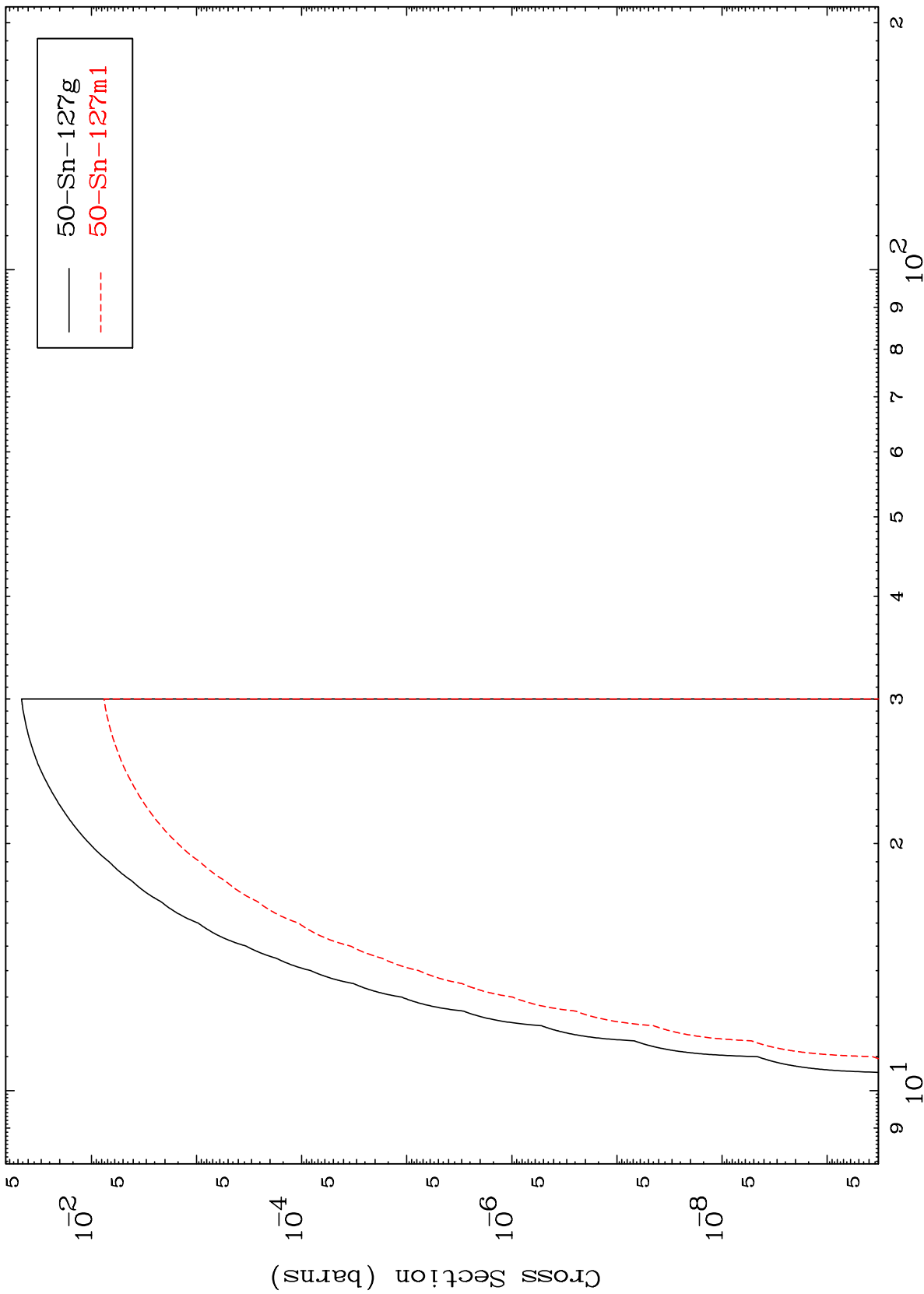
126

MAT 5146

(n,n') p

51-Sb-128

Radionuclide Production Cross Section



127

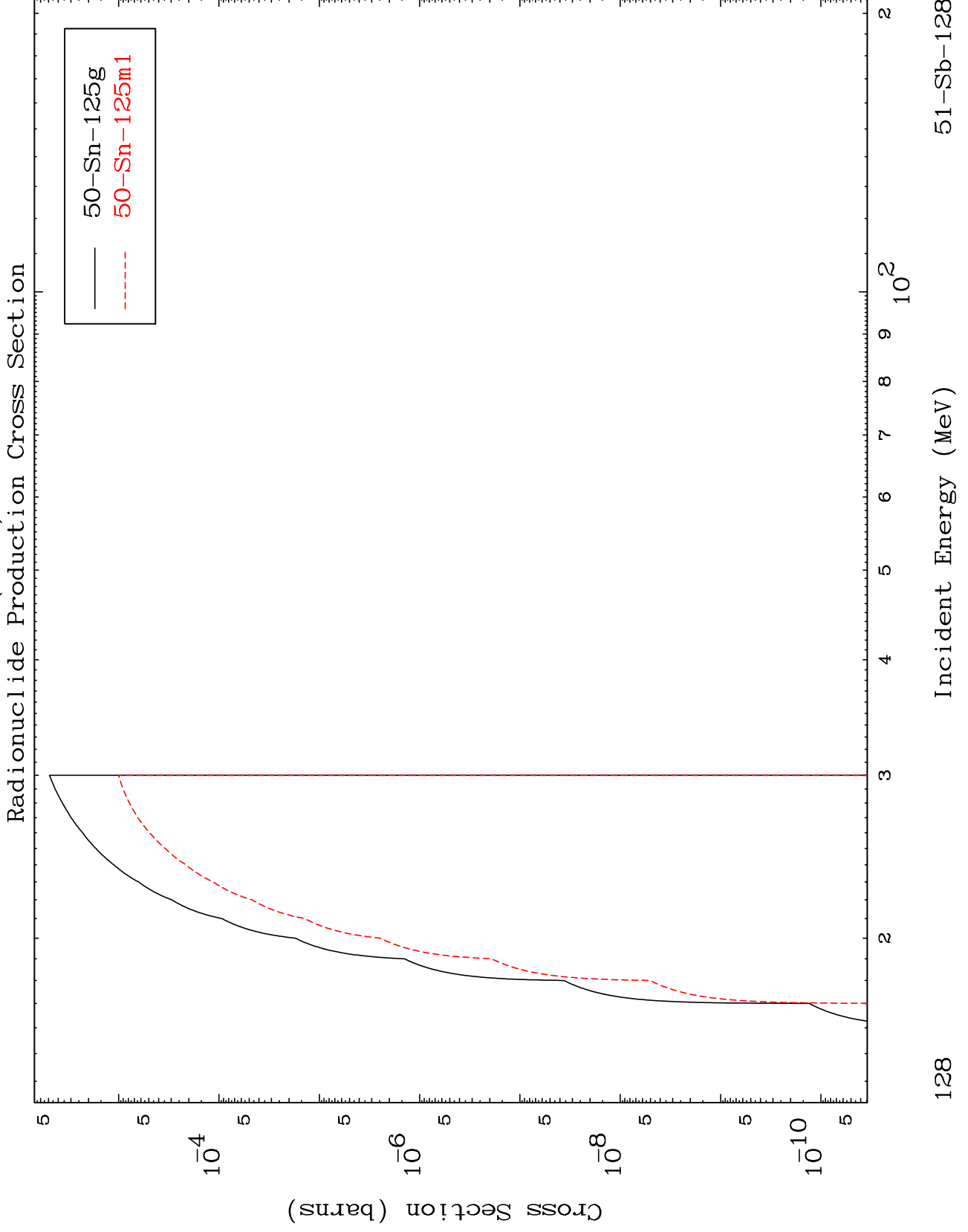
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n,n') t

51-Sb-128



128

Incident Energy (MeV)

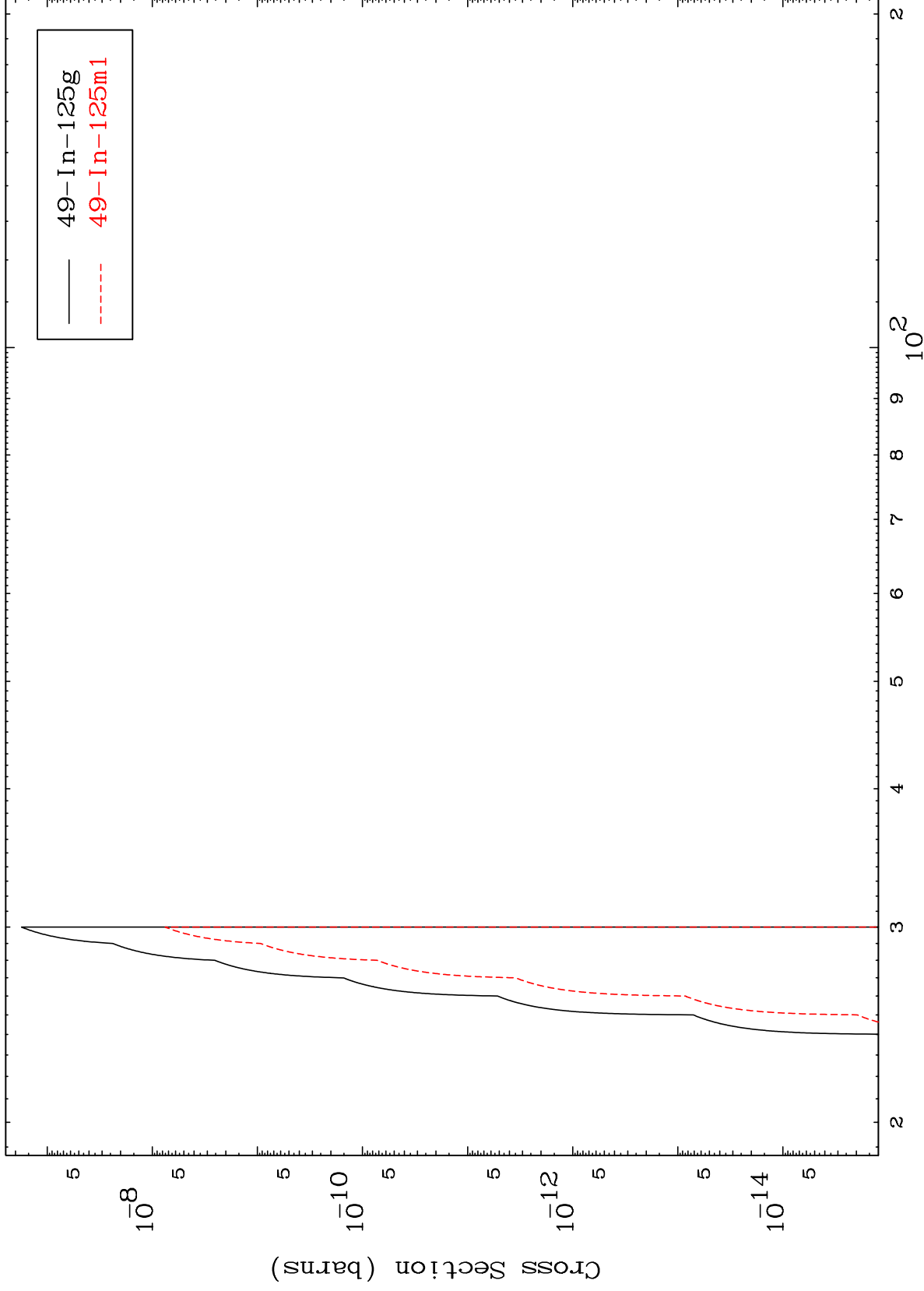
51-Sb-128

MAT 5146

(n,n') He-3

51-Sb-128

Radionuclide Production Cross Section



129

Incident Energy (MeV)

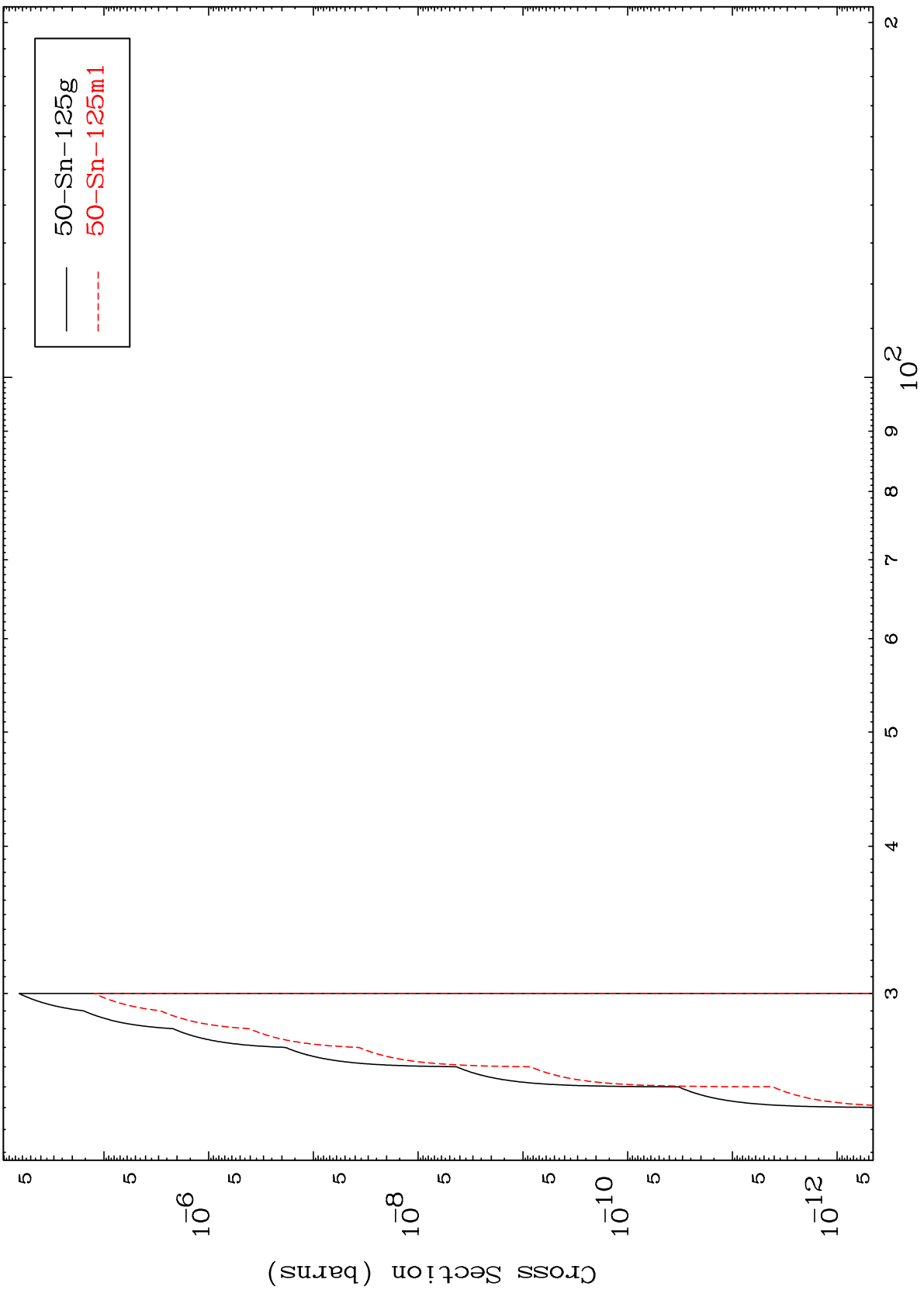
51-Sb-128

MAT 5146

(n,3n) p

51-Sb-128

Radionuclide Production Cross Section



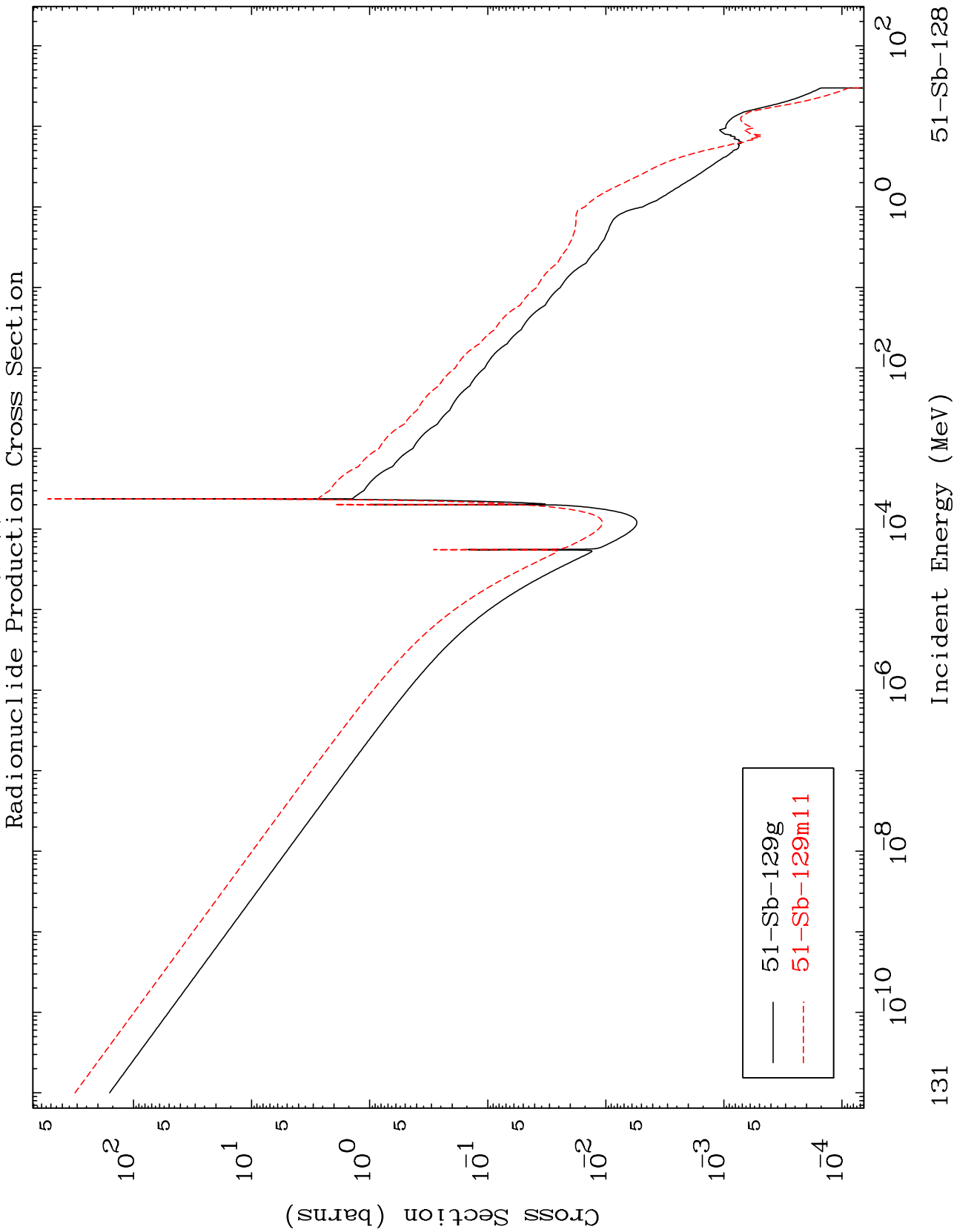
130

Incident Energy (MeV)

51-Sb-128

MAT 5146

51-Sb-128

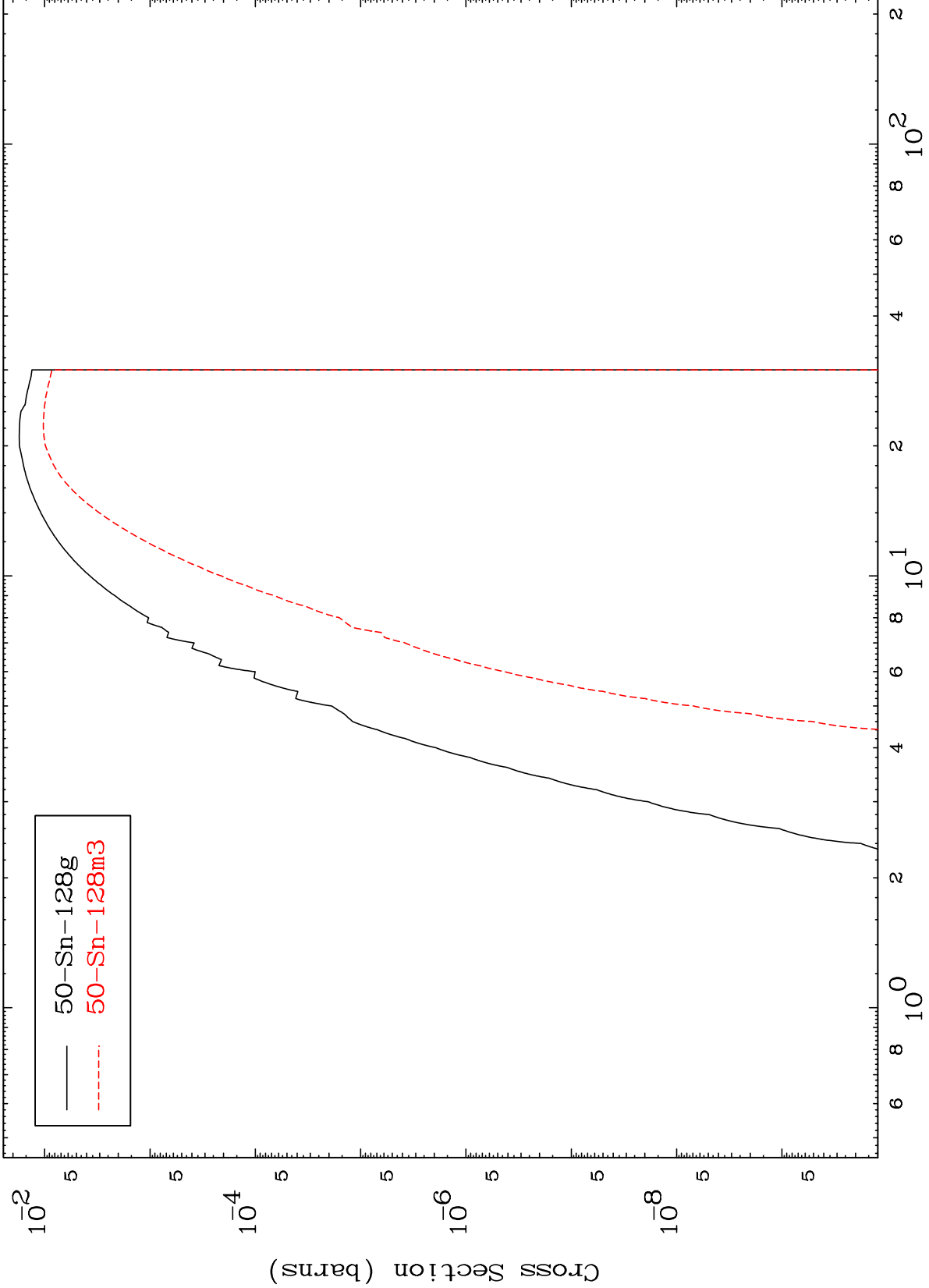


131

MAT 5146

51-Sb-128

(n,p)
Radionuclide Production Cross Section



132

Incident Energy (MeV)

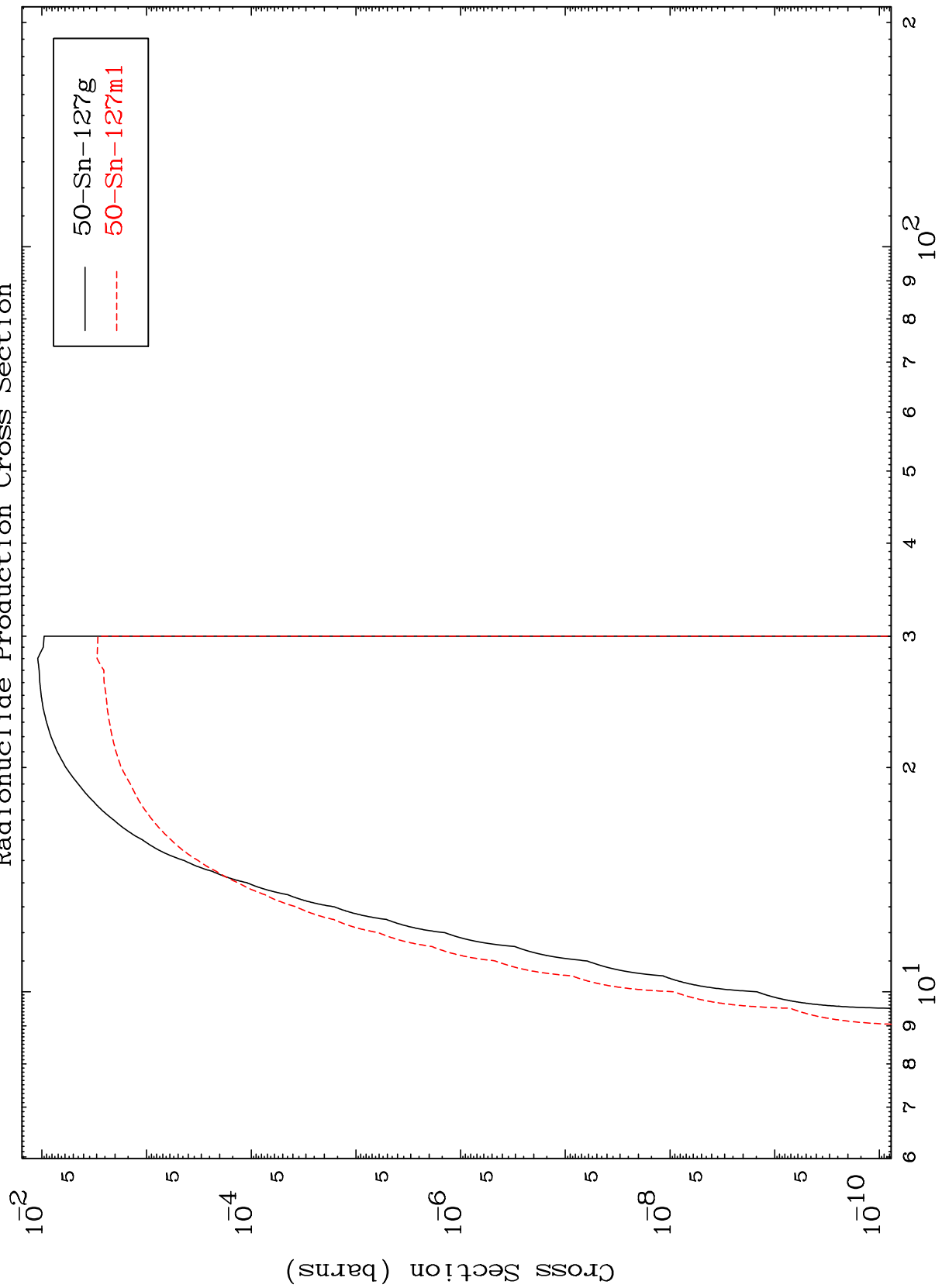
51-Sb-128

MAT 5146

(n,d)

51-Sb-128

Radionuclide Production Cross Section

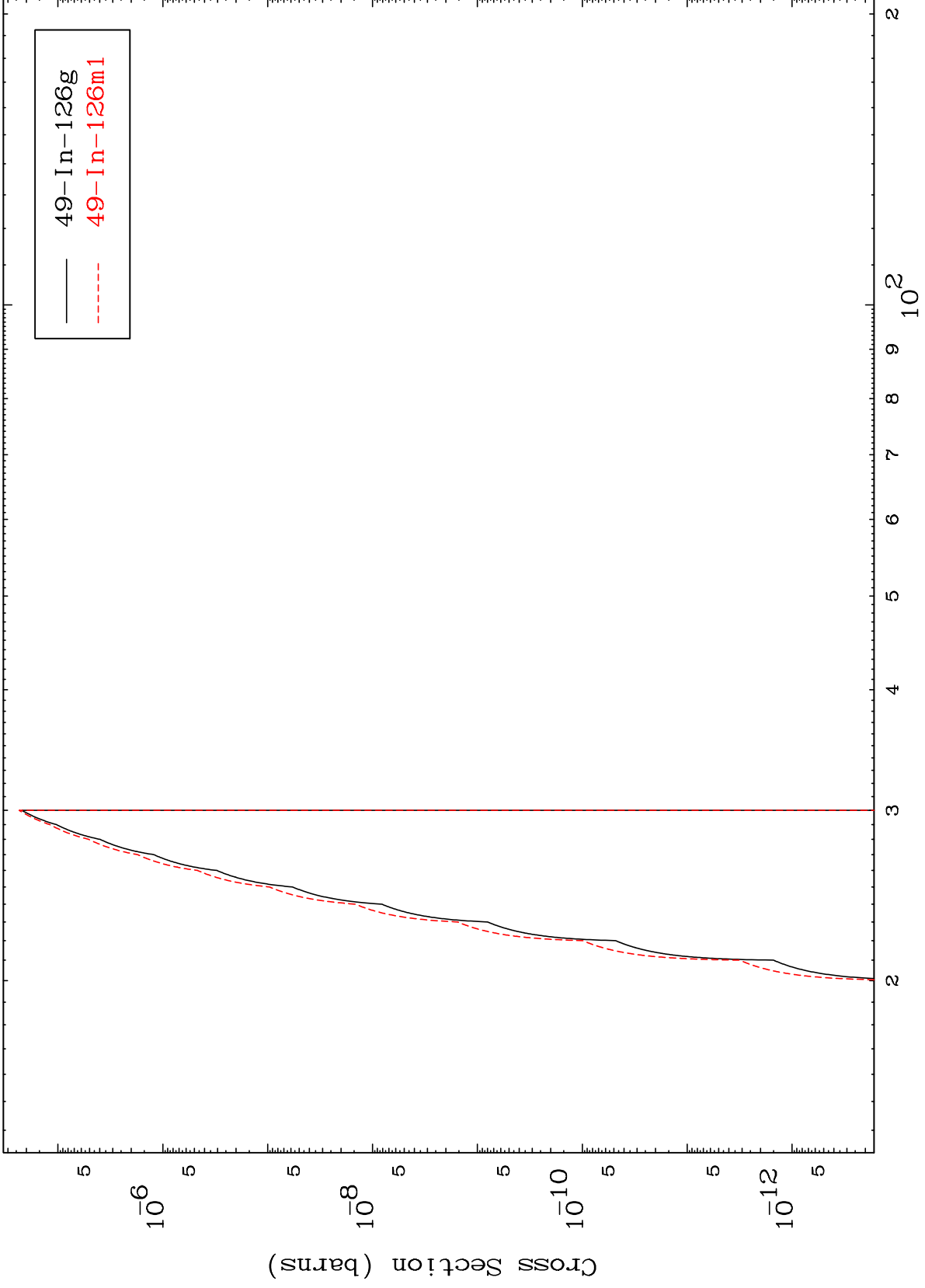


133

Incident Energy (MeV)

51-Sb-128

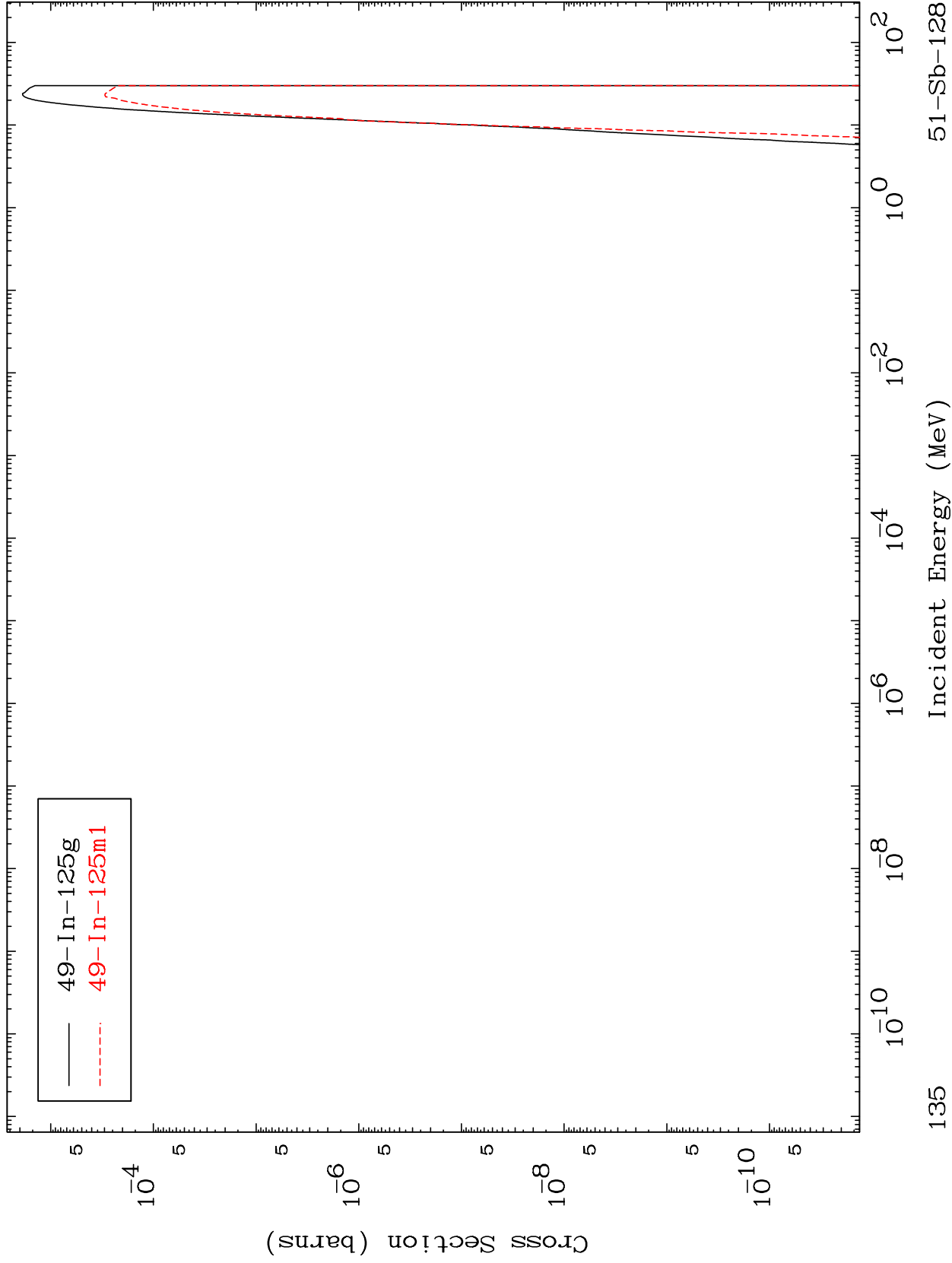
Radionuclide Production Cross Section



MAT 5146

51-Sb-128

Radionuclide Production Cross Section



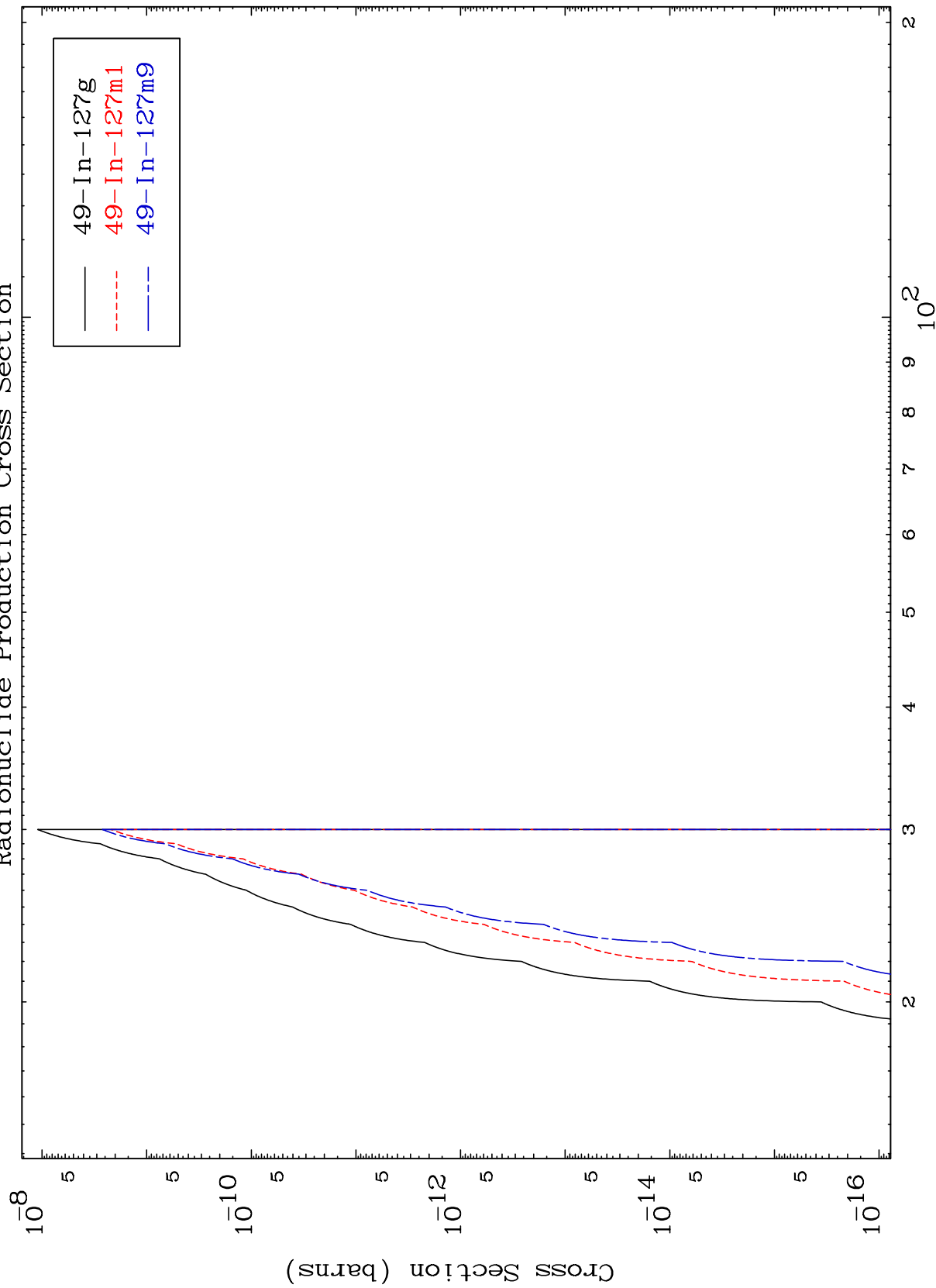
135

51-Sb-128

MAT 5146

51-Sb-128

(n,2p)
Radionuclide Production Cross Section



136

51-Sb-128

Incident Energy (MeV)