

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

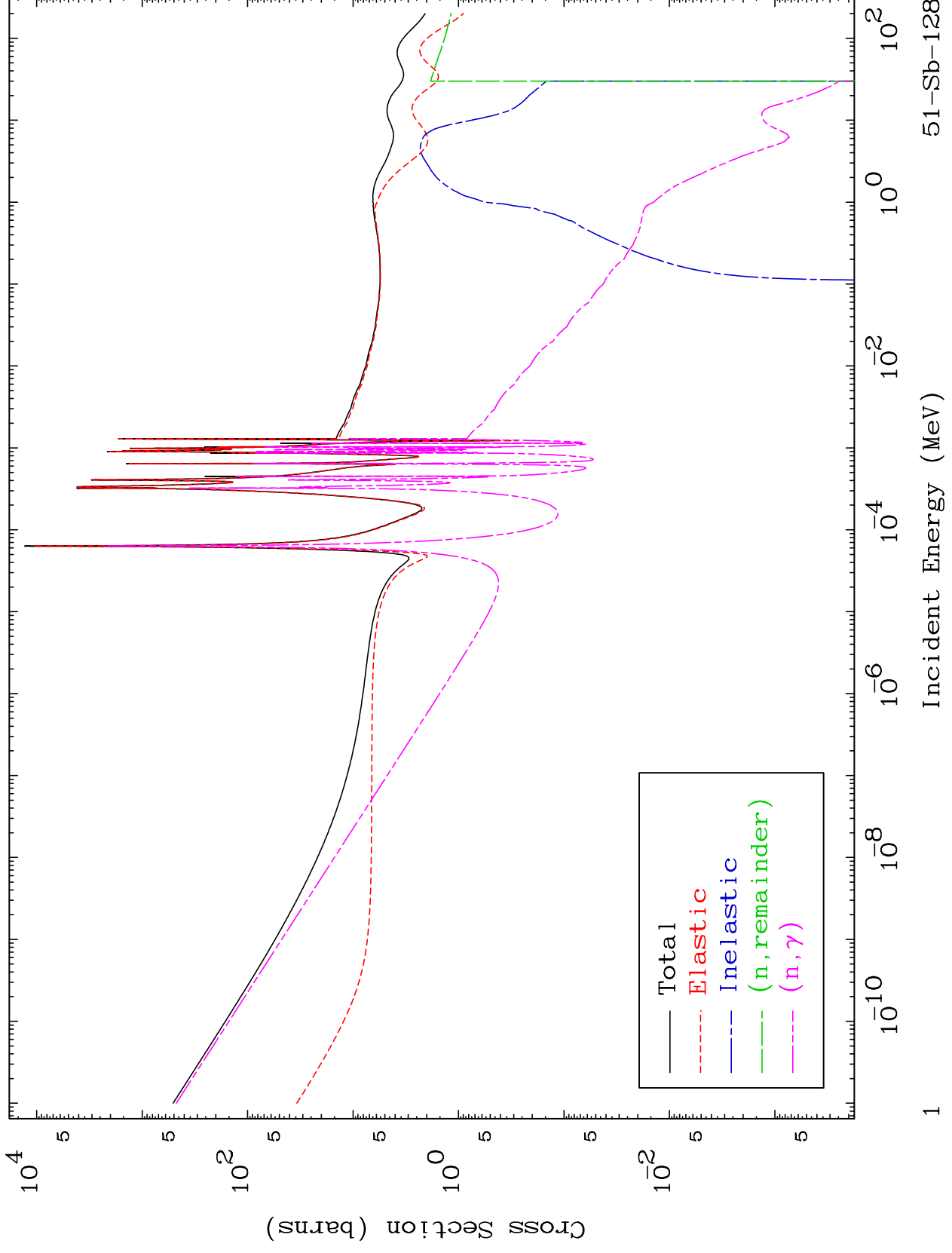
Press Mouse Button to Start

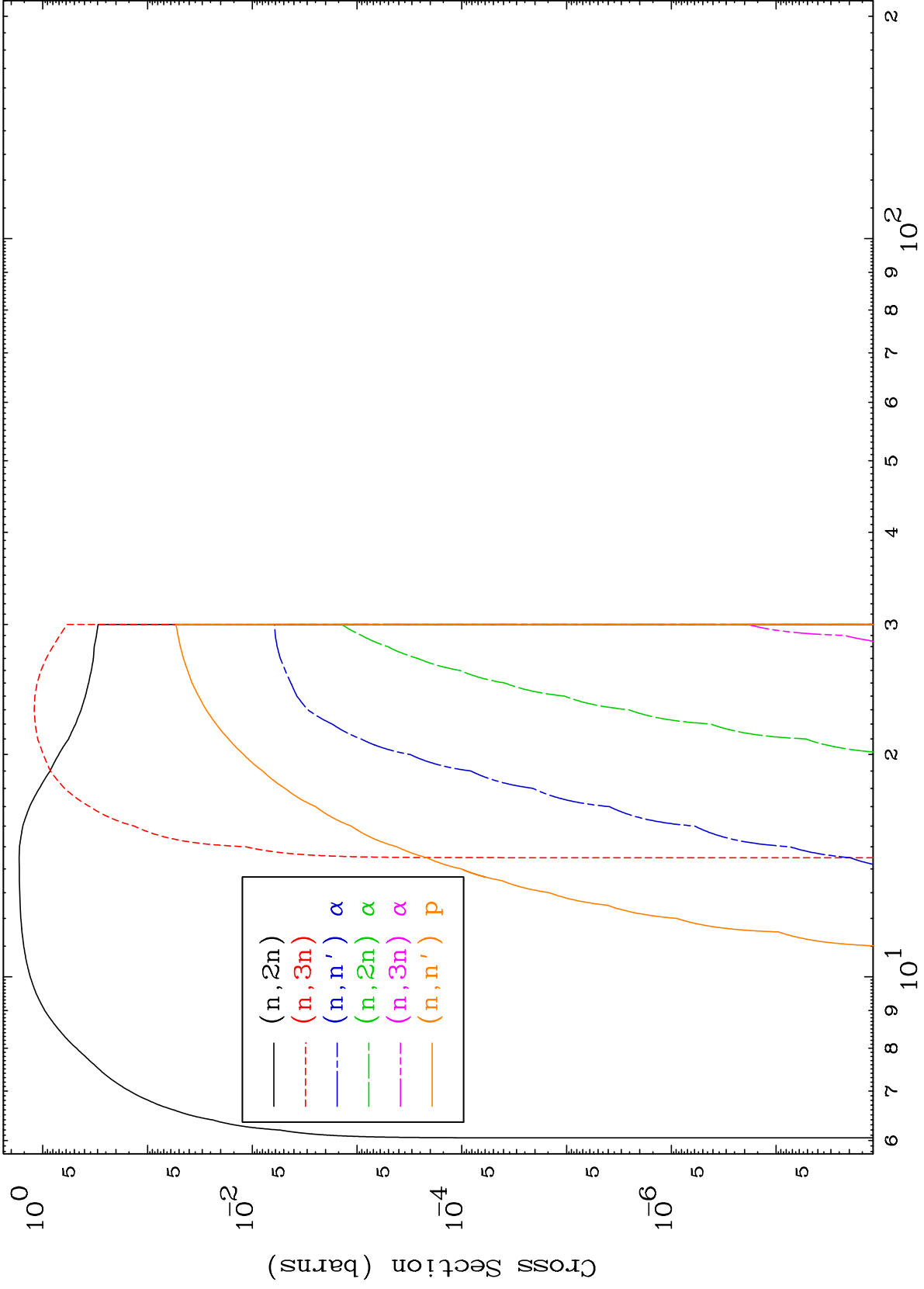
MAT 5146

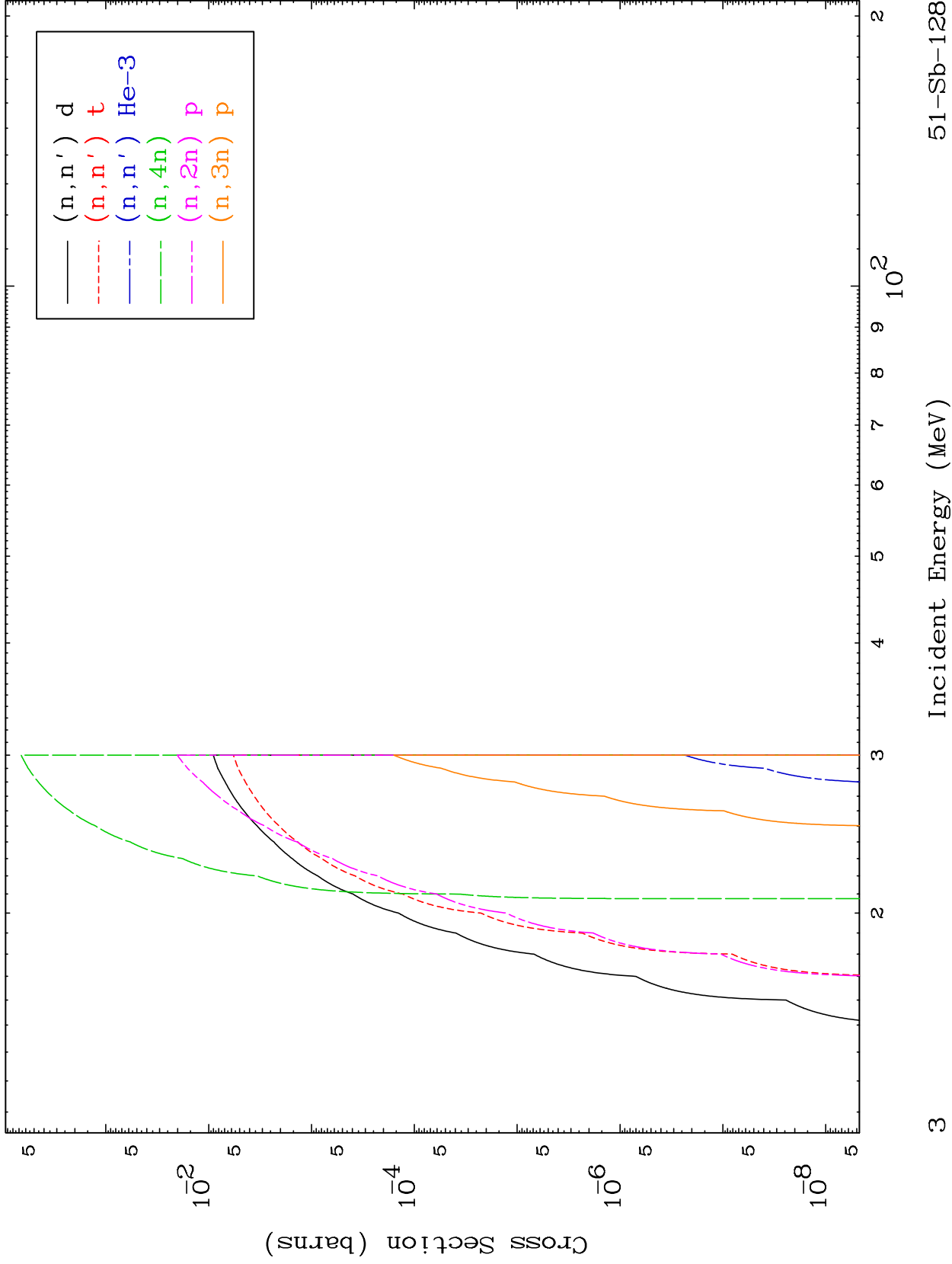
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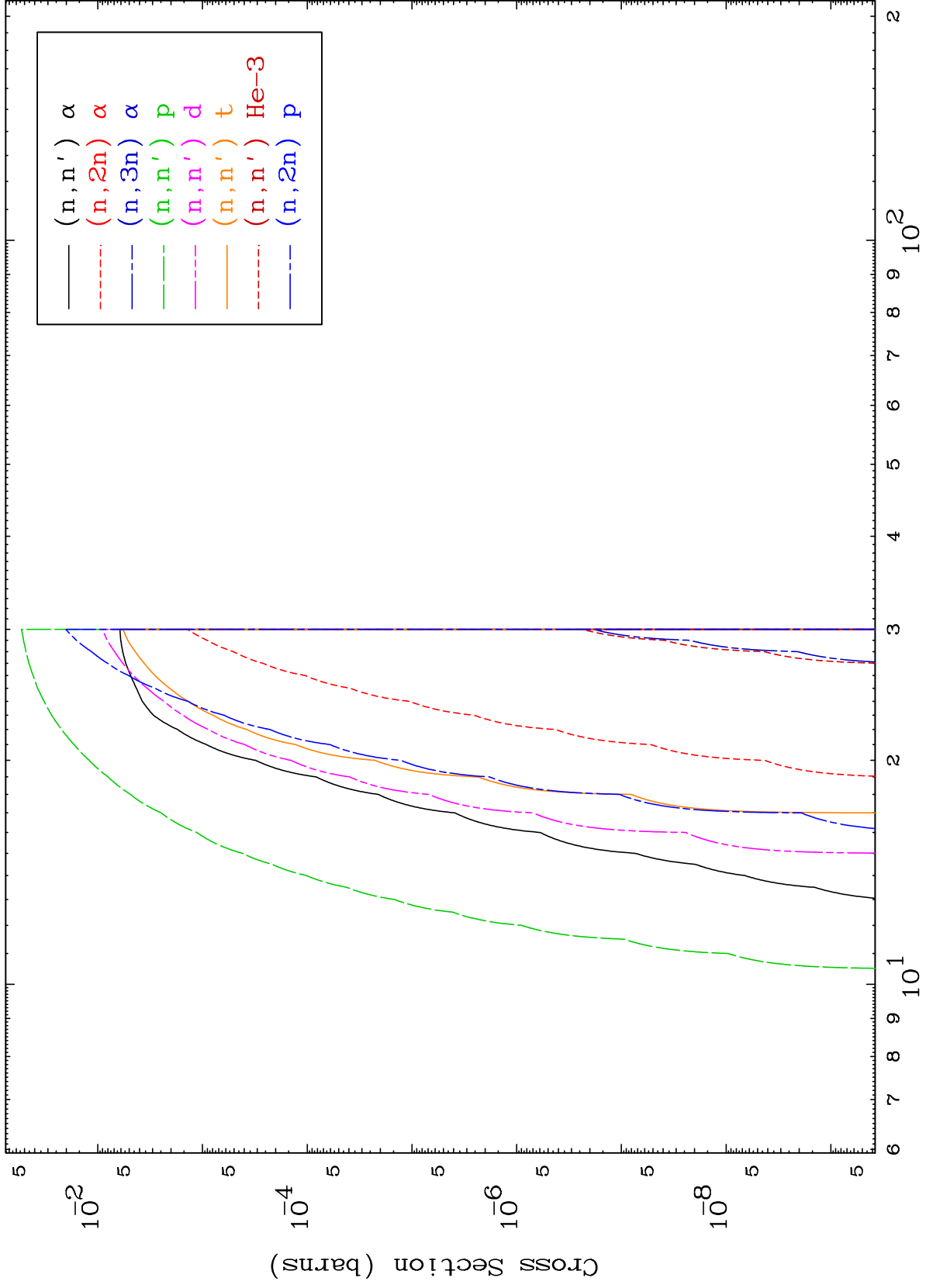
293 Kelvin Cross Sections

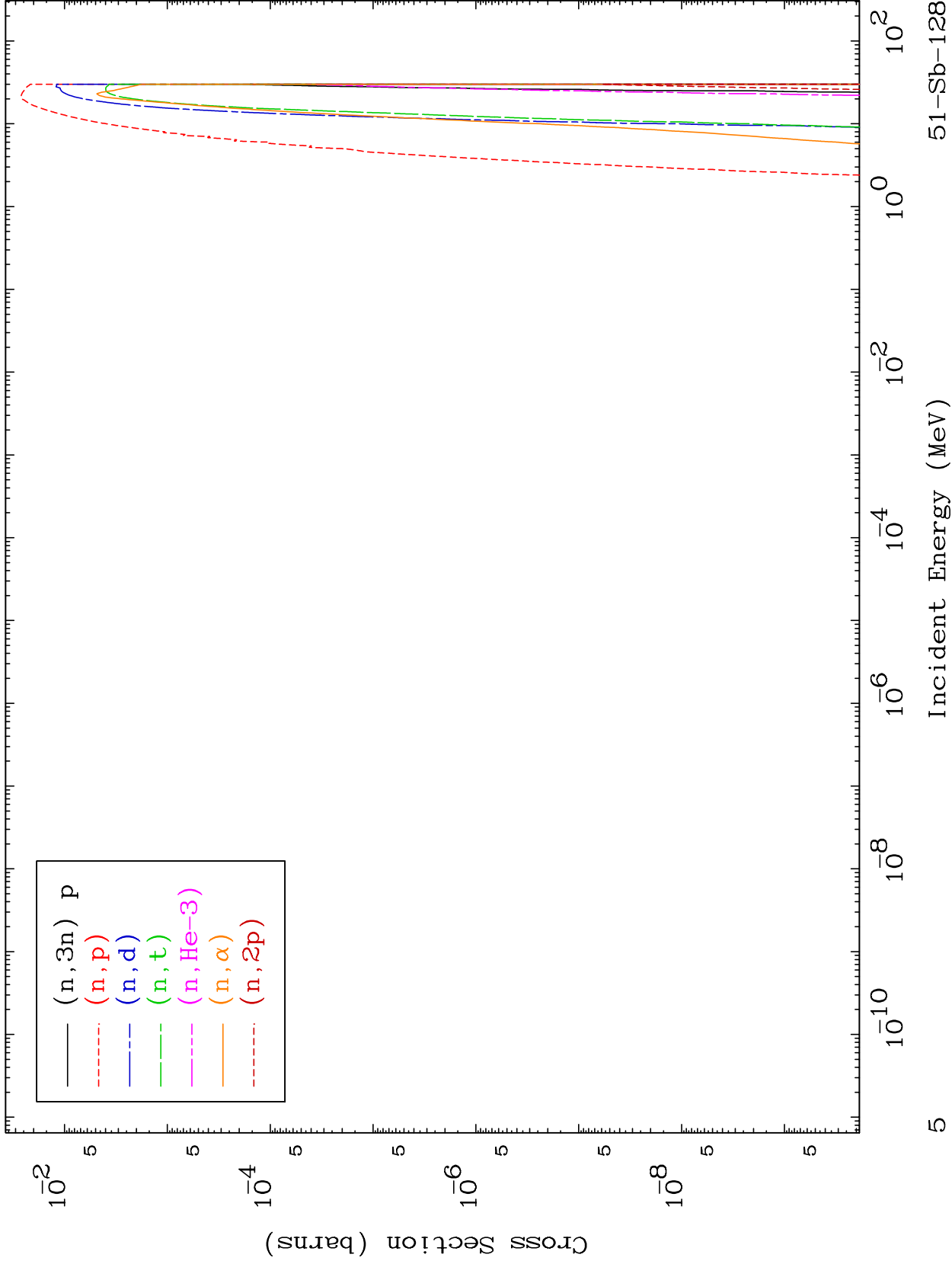
51-Sb-128







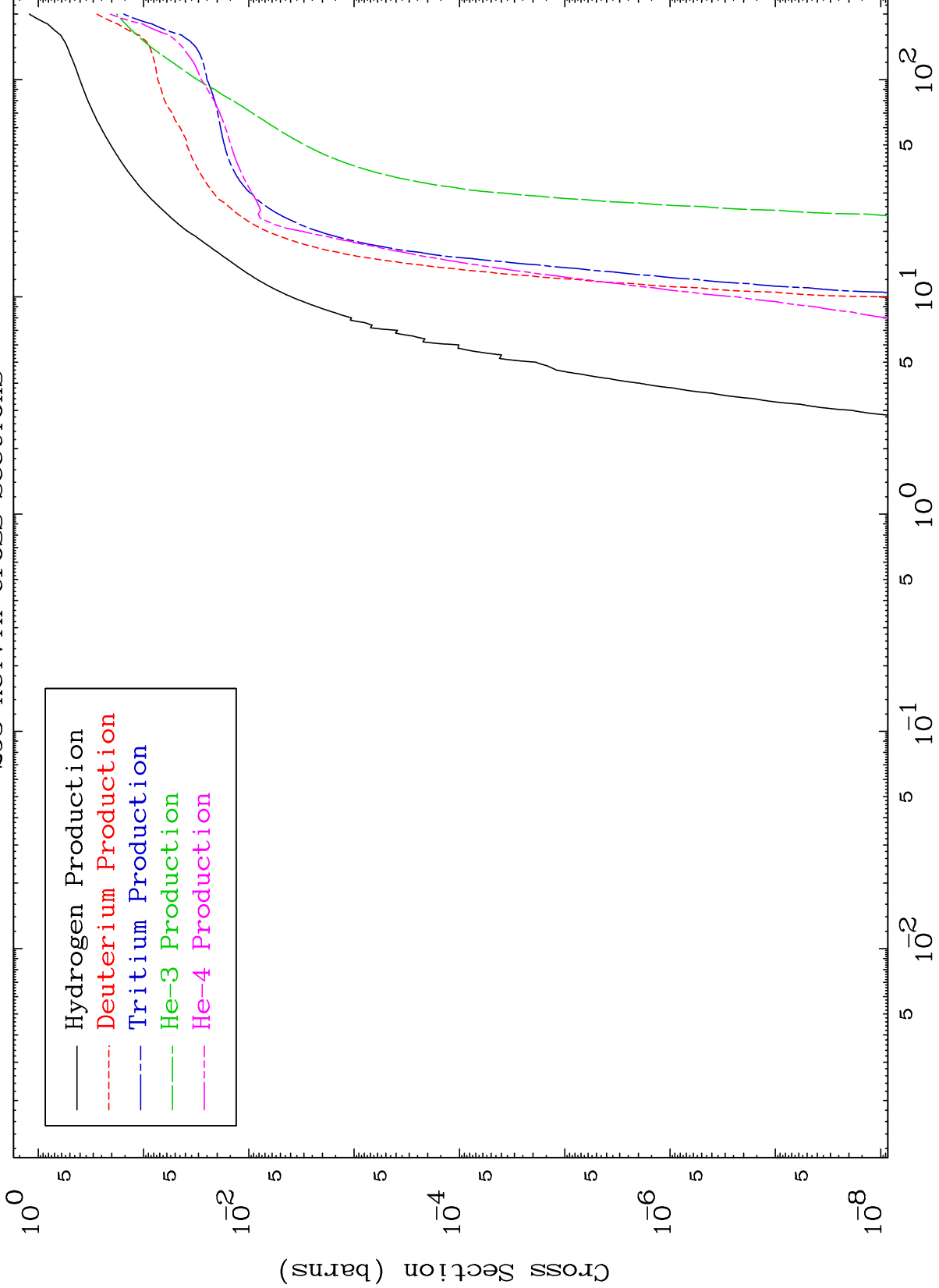




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Particle Production
293 Kelvin Cross Sections

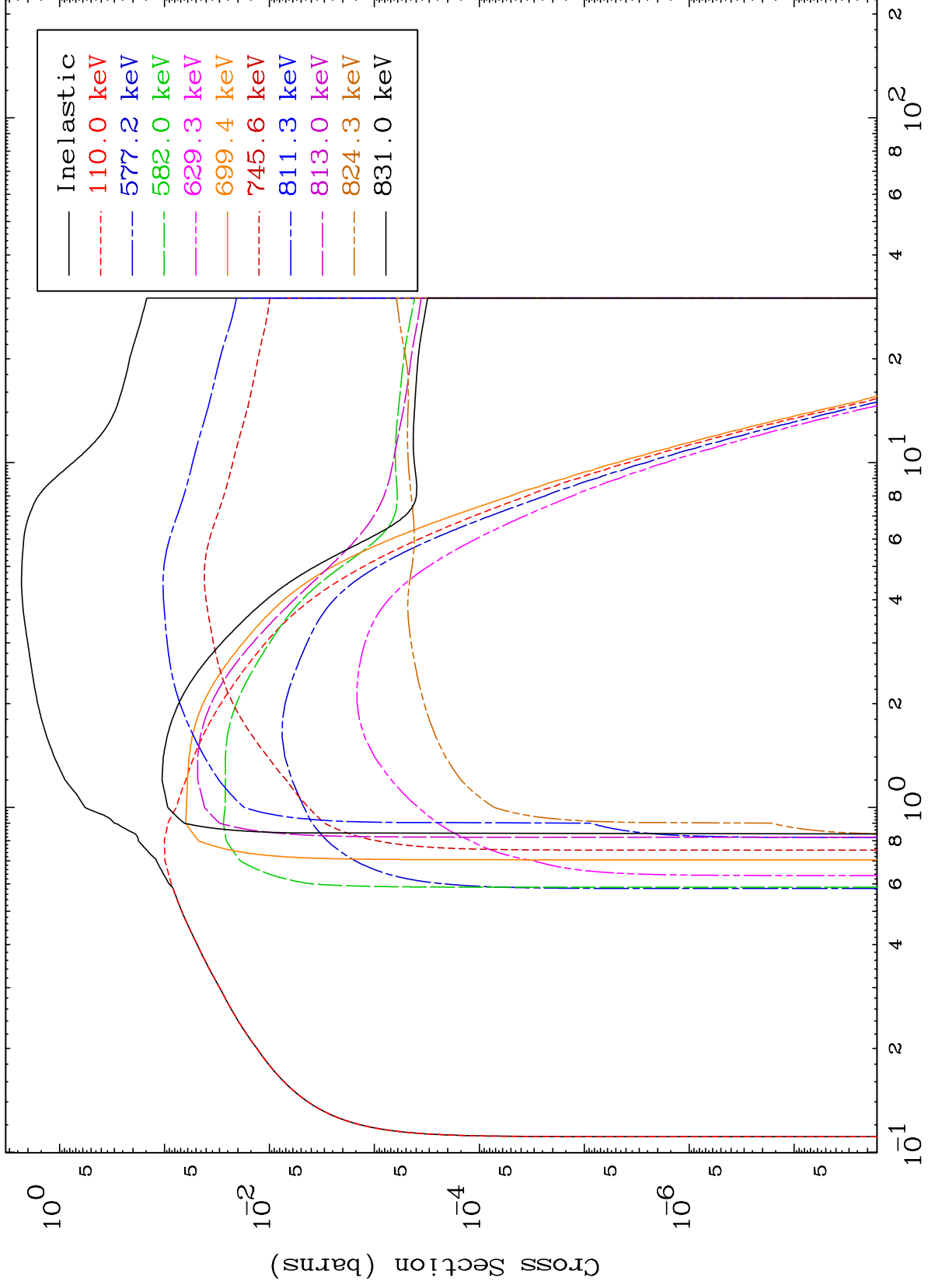
51-Sb-128



MAT 5146

(n,n') Level
293 Kelvin Cross Sections

51-Sb-128



Incident Energy (MeV)

51-Sb-128

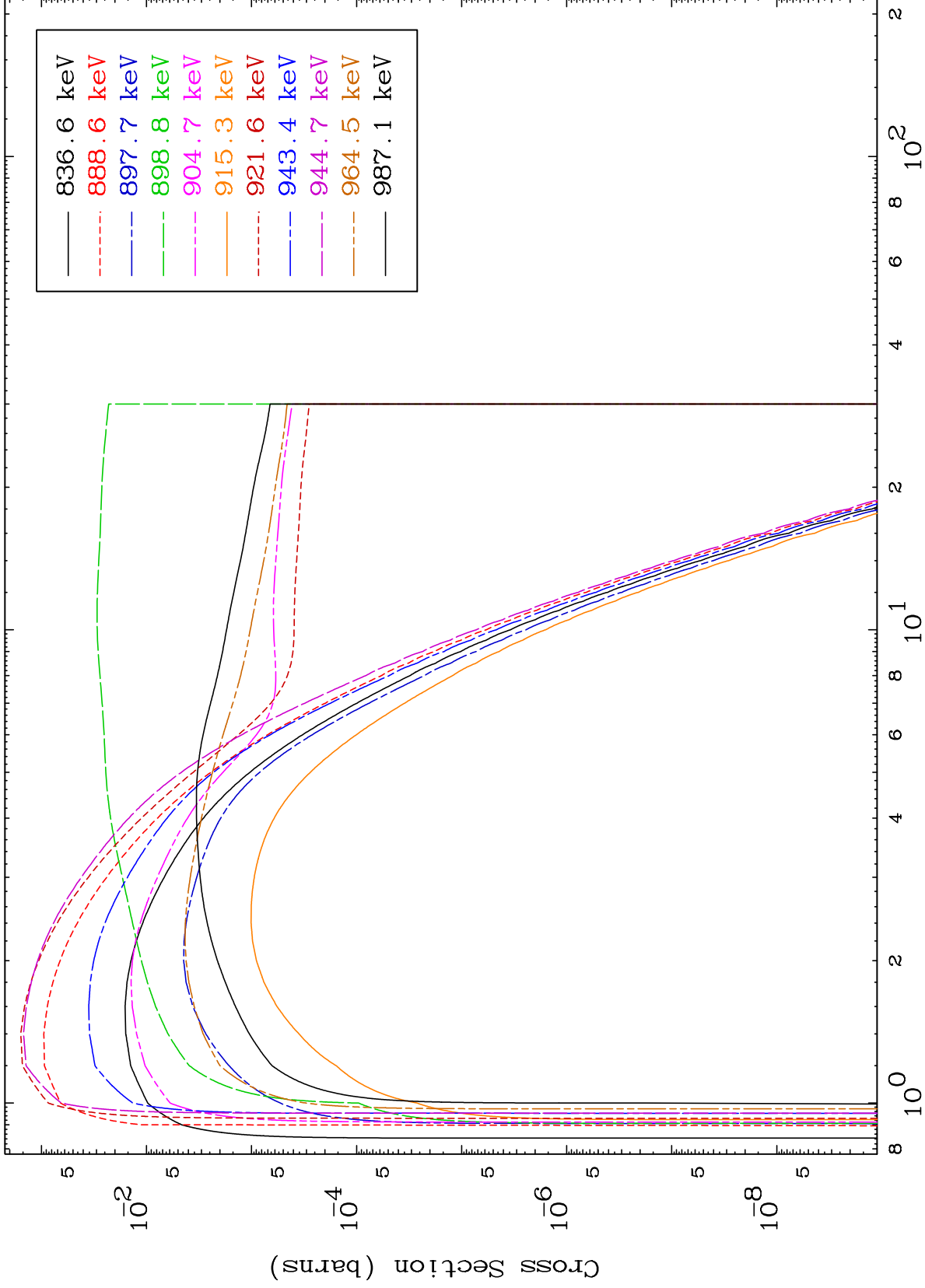
7

MAT 5146

(n,n') Level

51-Sb-128

293 Kelvin Cross Sections



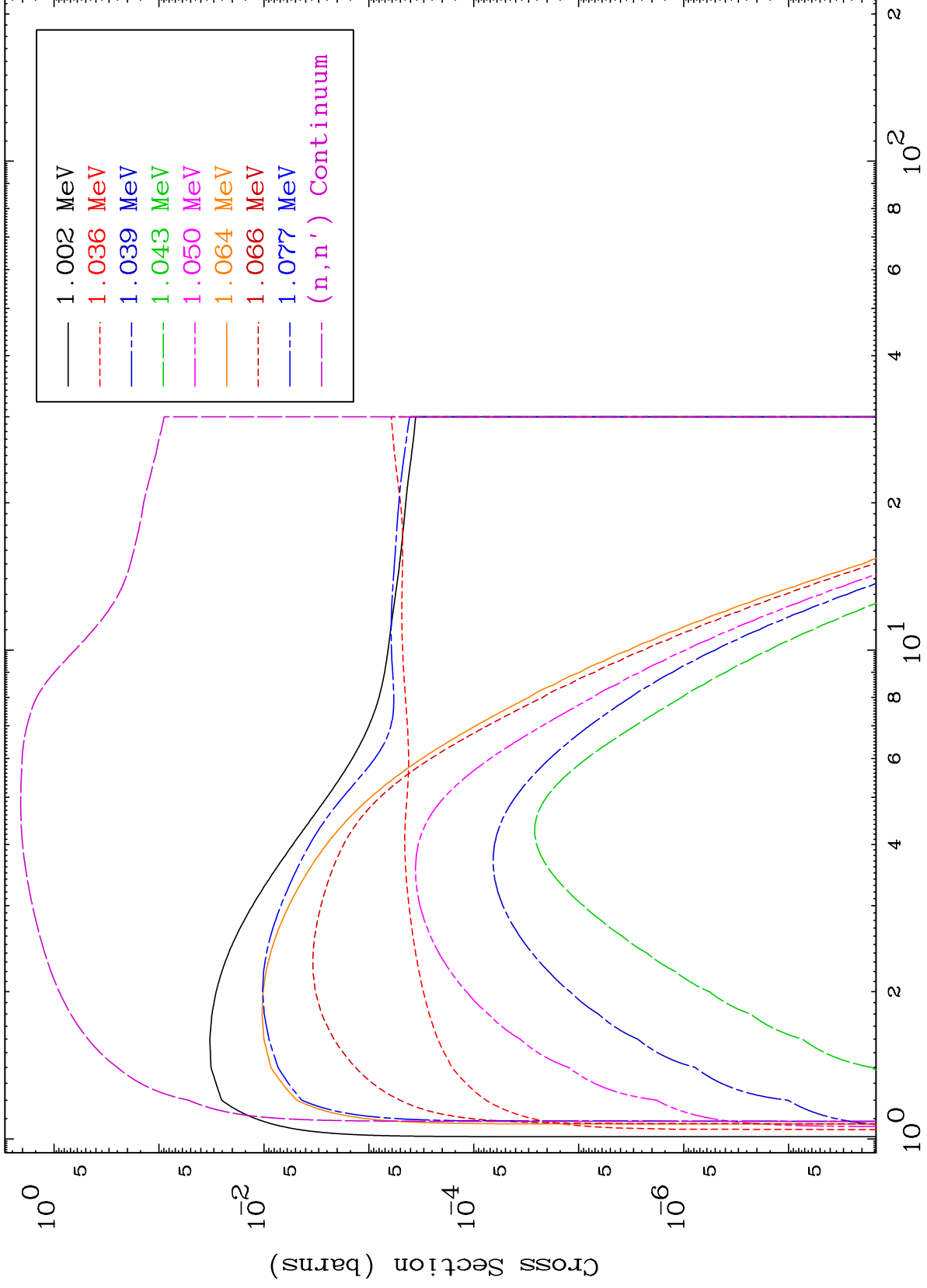
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n,n') Level
293 Kelvin Cross Sections

51-Sb-128



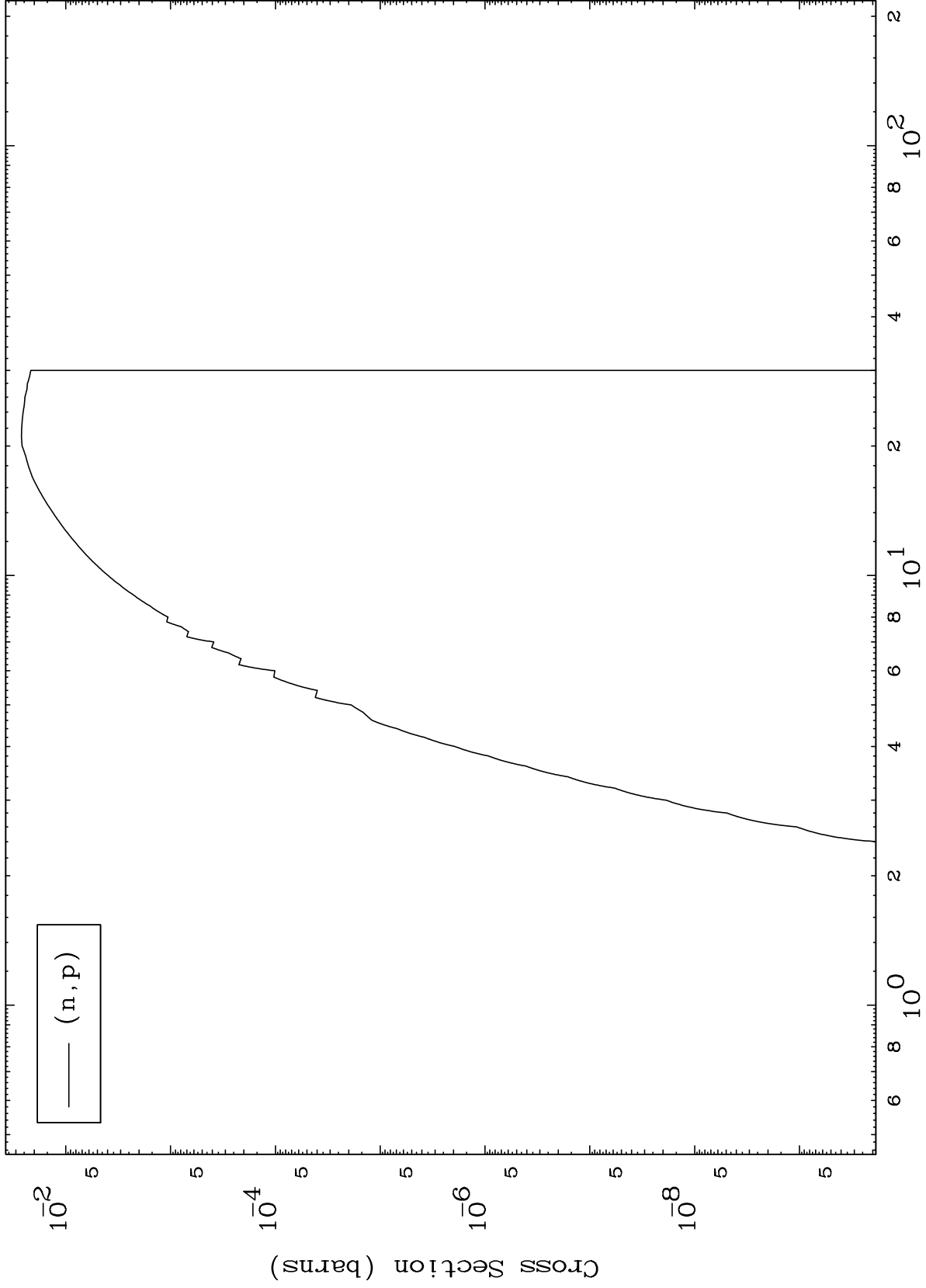
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-128



10

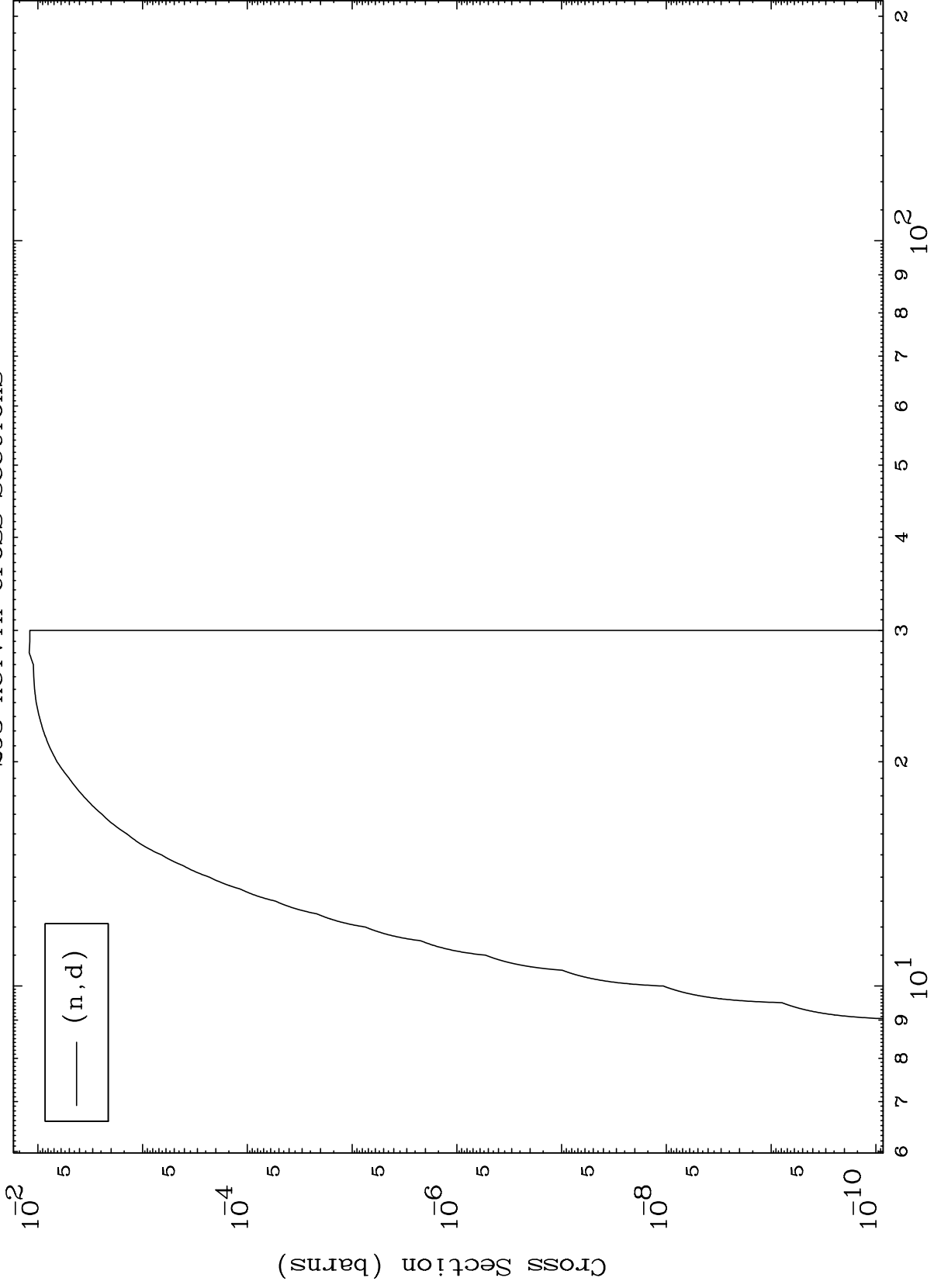
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n,d) Levels
293 Kelvin Cross Sections

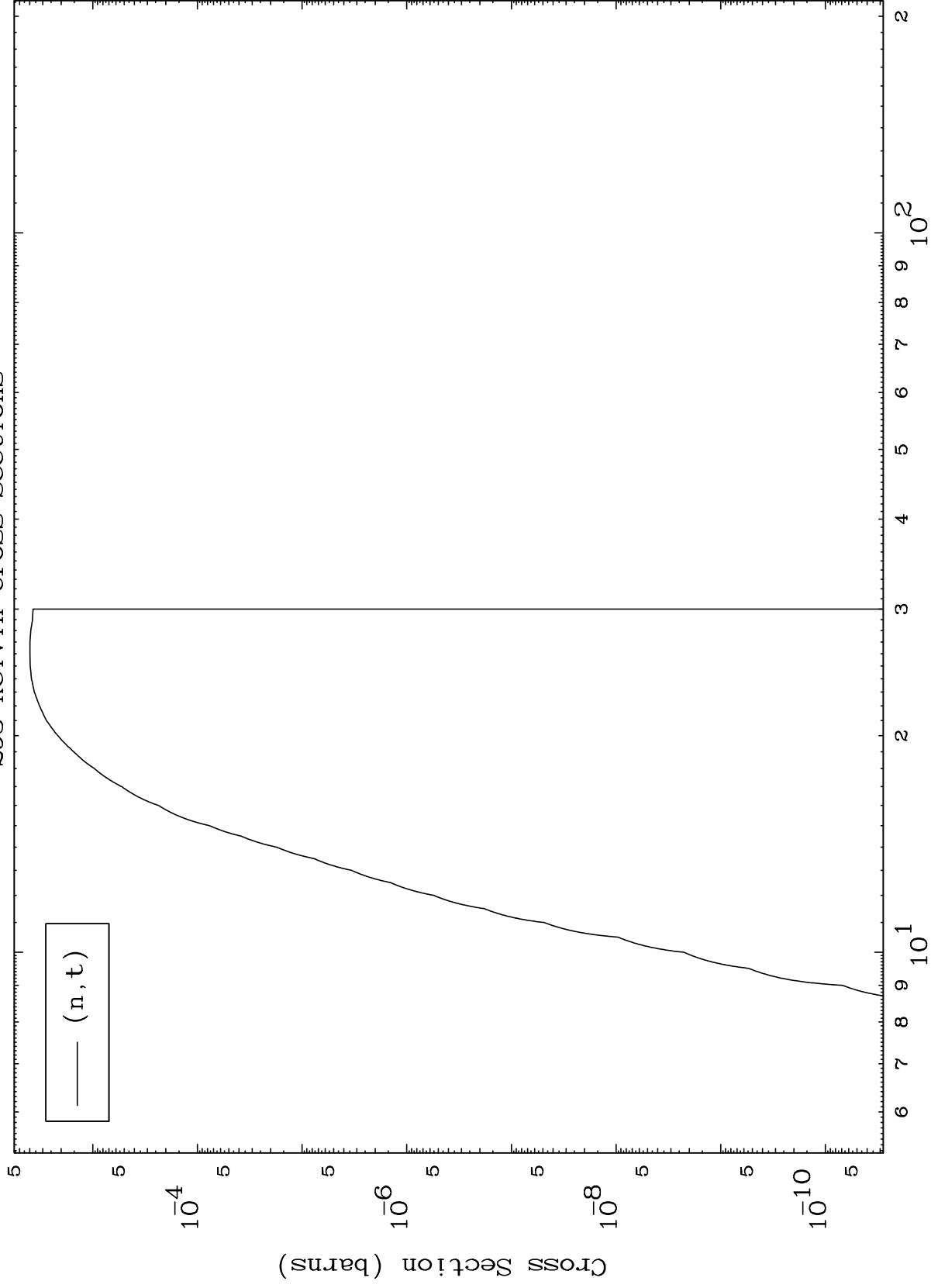
51-Sb-128



MAT 5146

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-128



12

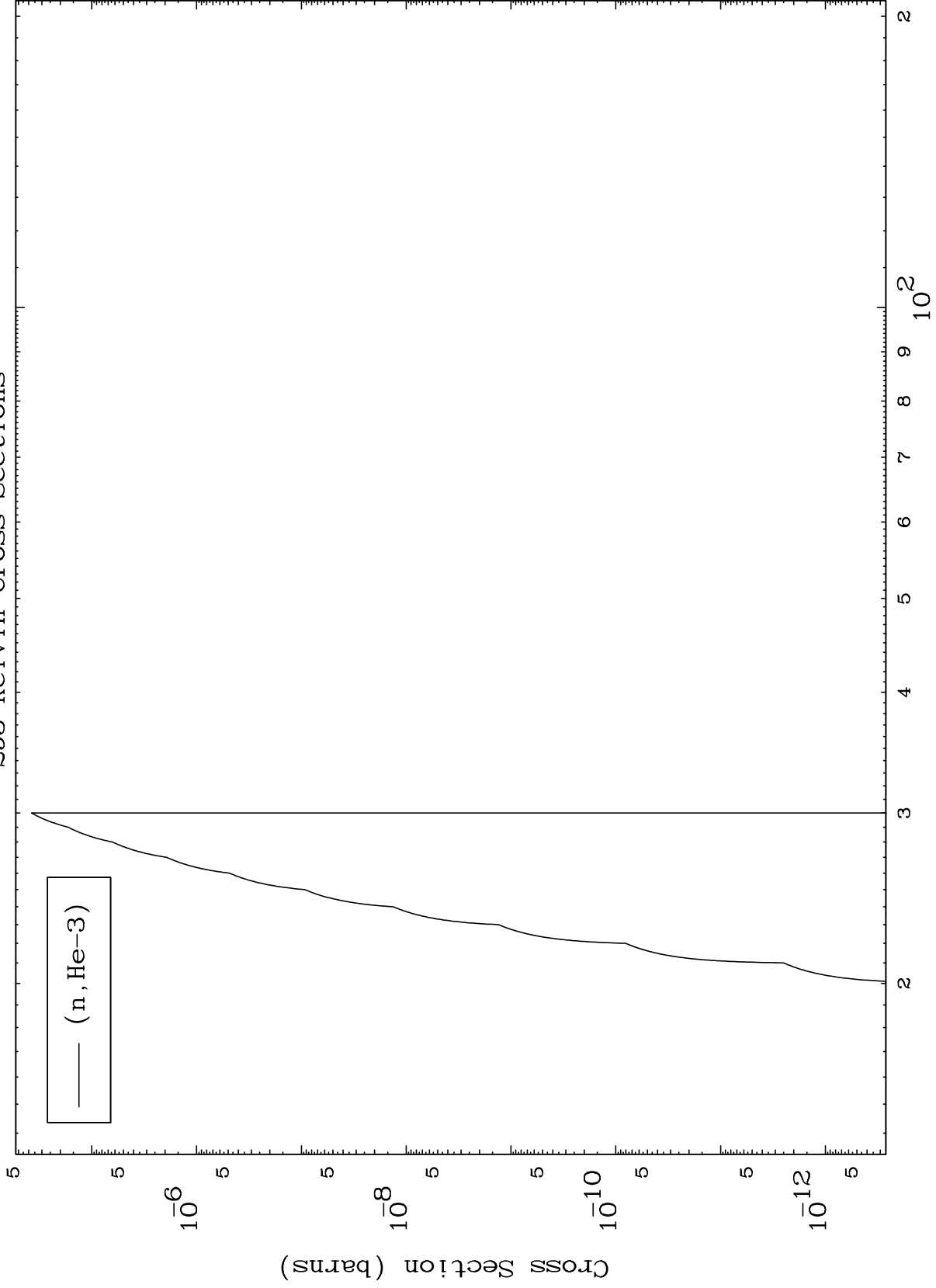
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-128



13

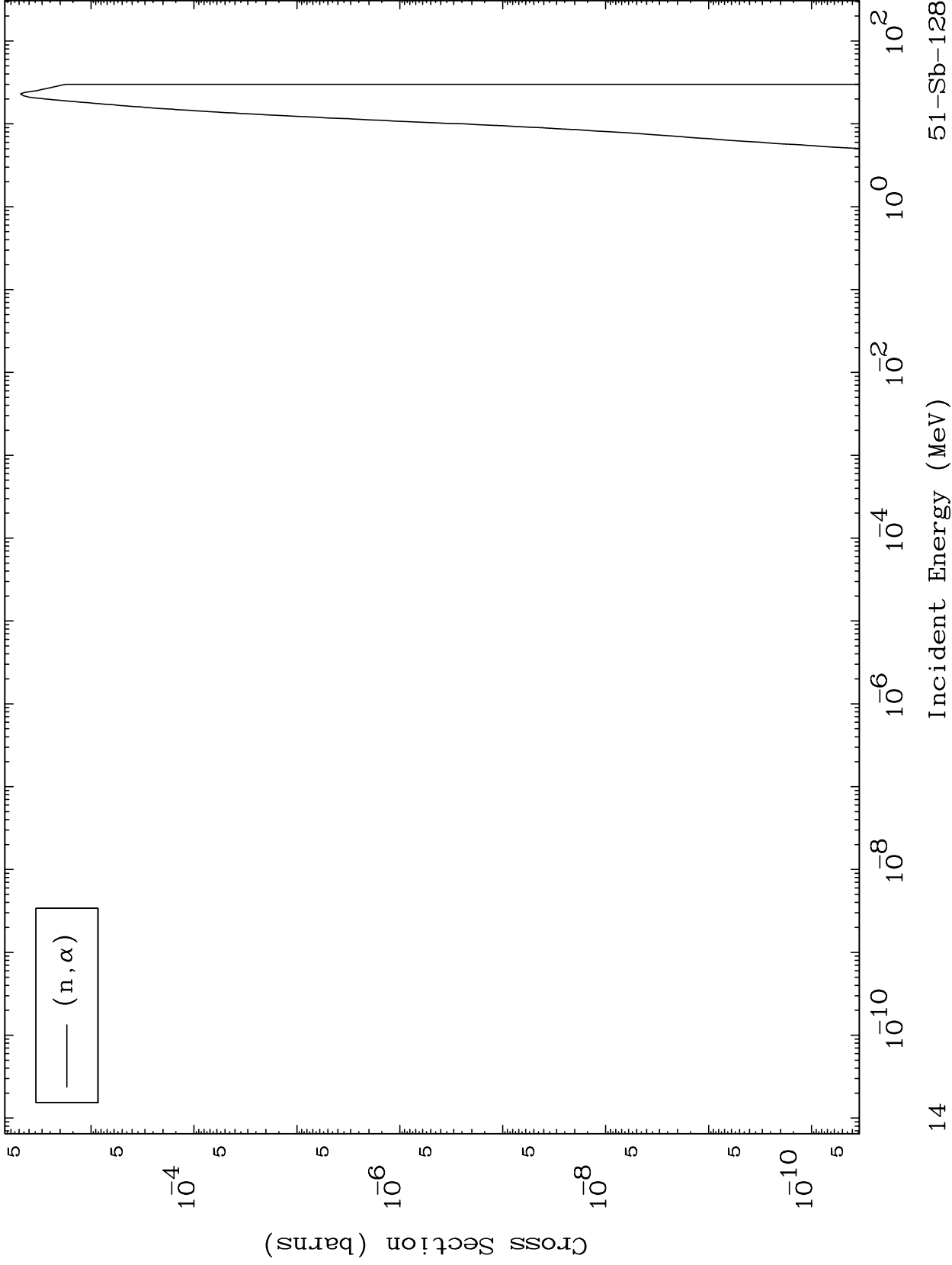
Incident Energy (MeV)

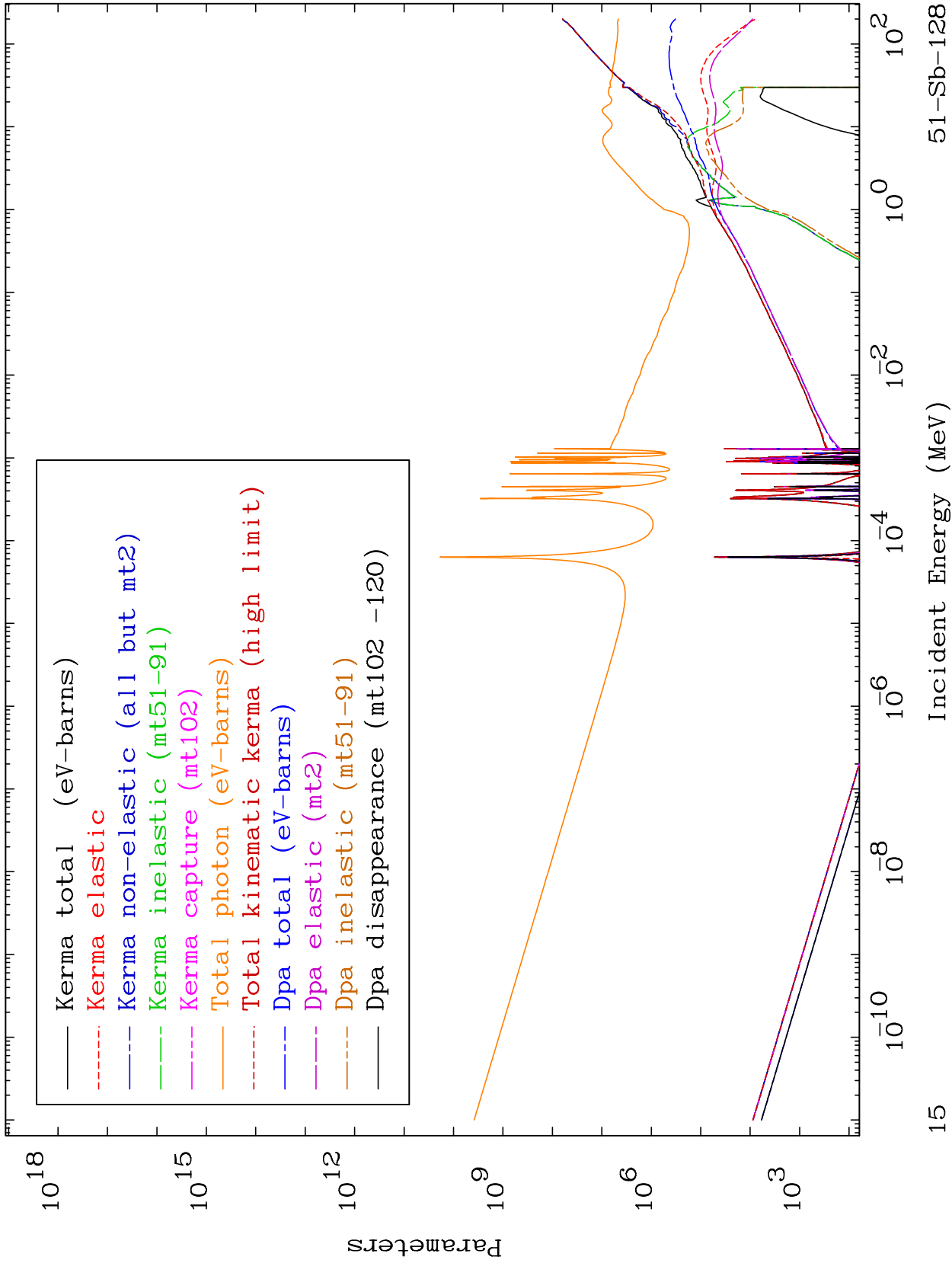
51-Sb-128

MAT 5146

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-128

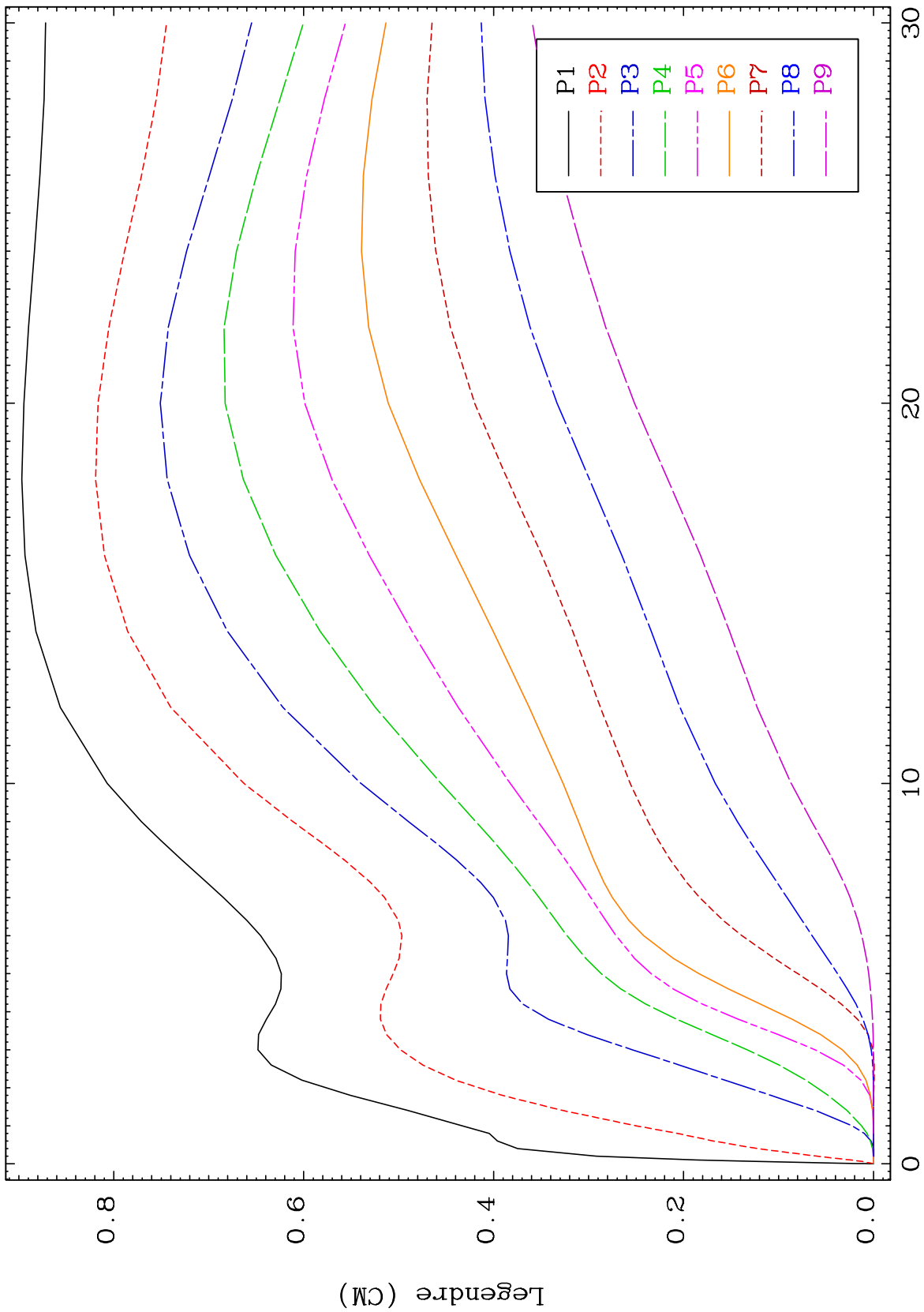




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51-Sb-128

Elastic Legendre Coefficients



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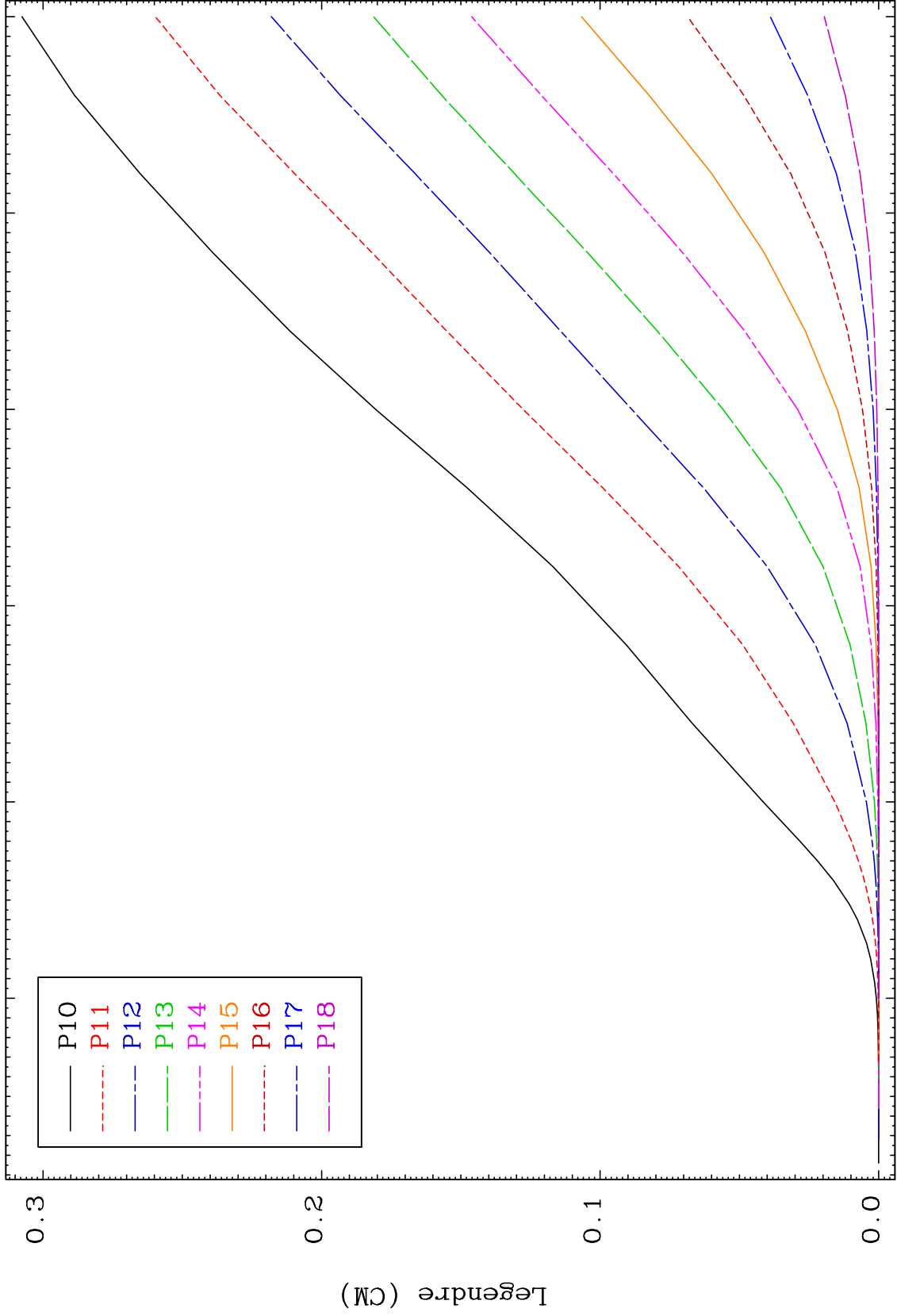
Incident Energy (MeV)

51-Sb-128

MAT 5146

Elastic Legendre Coefficients

51-Sb-128



17

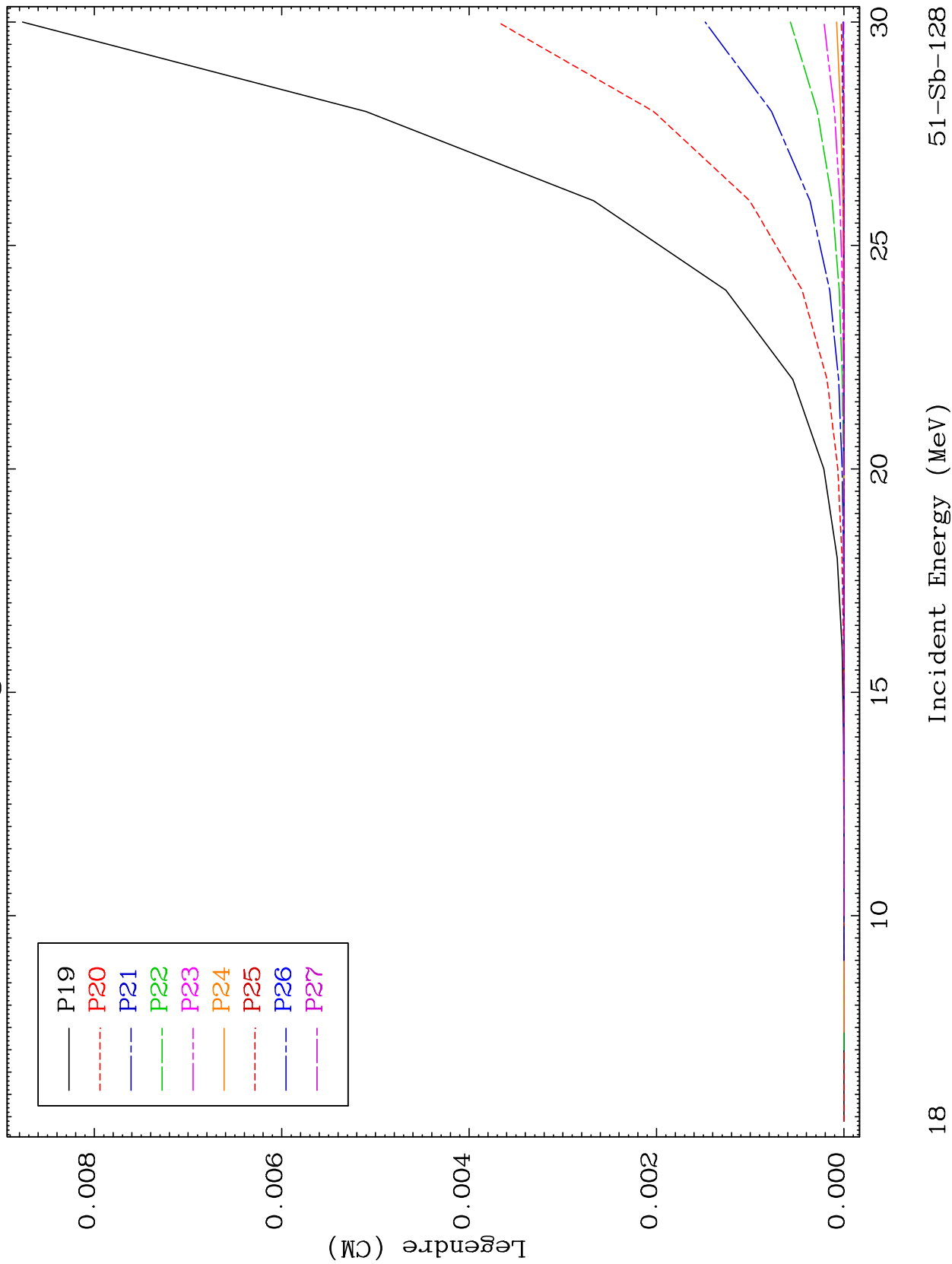
Incident Energy (MeV)

51-Sb-128

MAT 5146

Elastic Legendre Coefficients

51-Sb-128



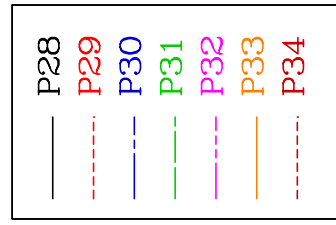
18

51-Sb-128

MAT 5146

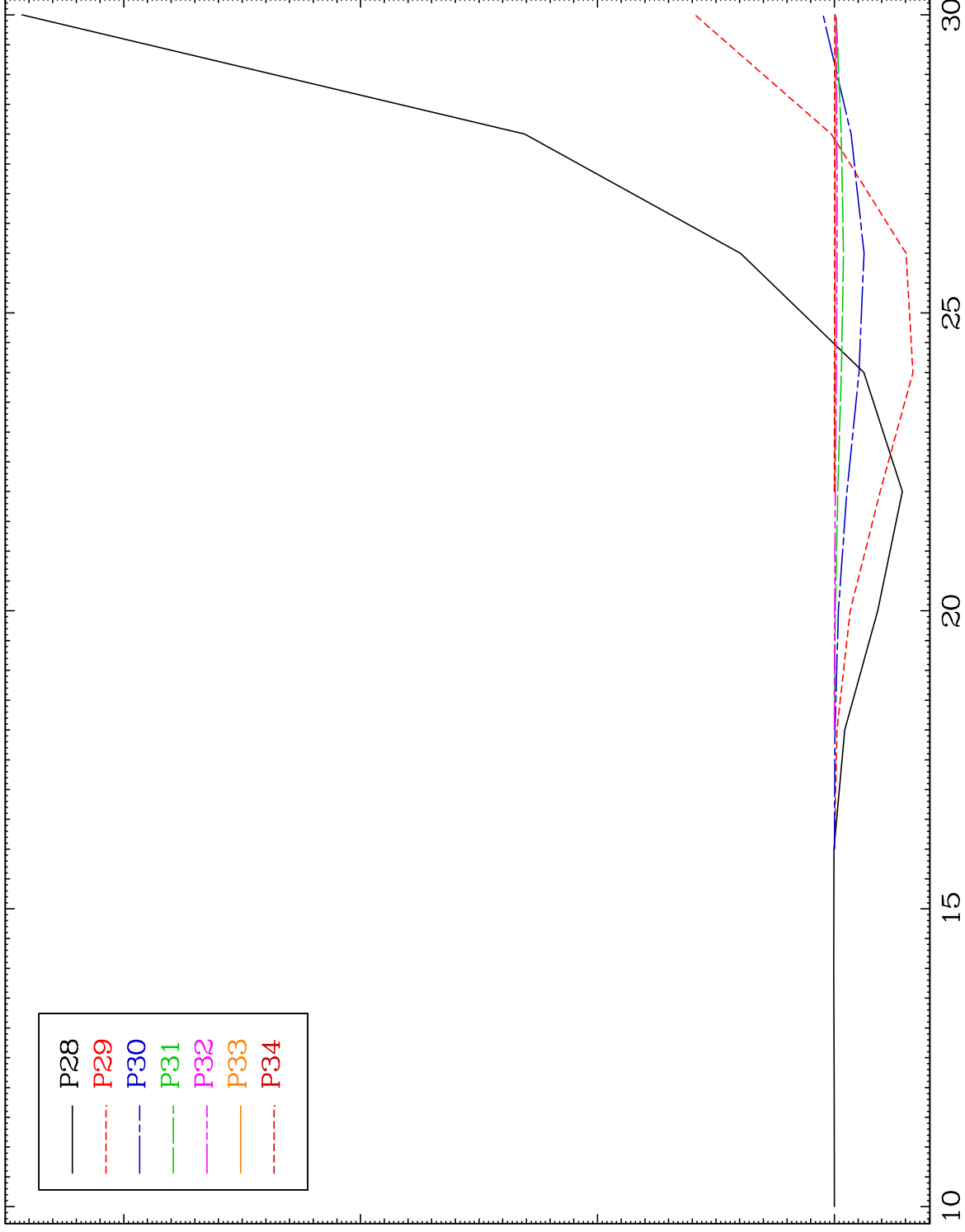
Elastic Legendre Coefficients

51-Sb-128



$\times 10^{-7}$

Legendre (CM)



10

15

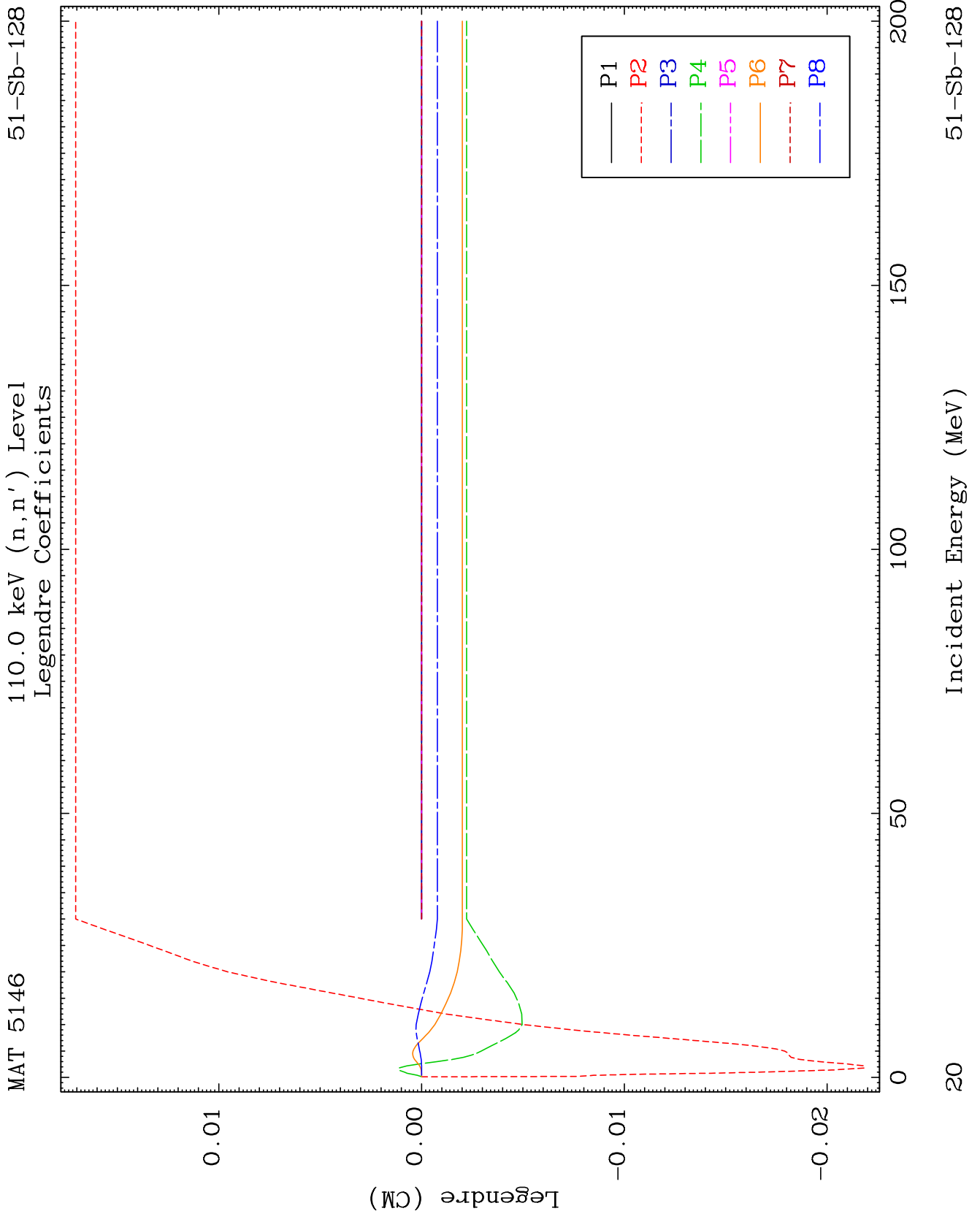
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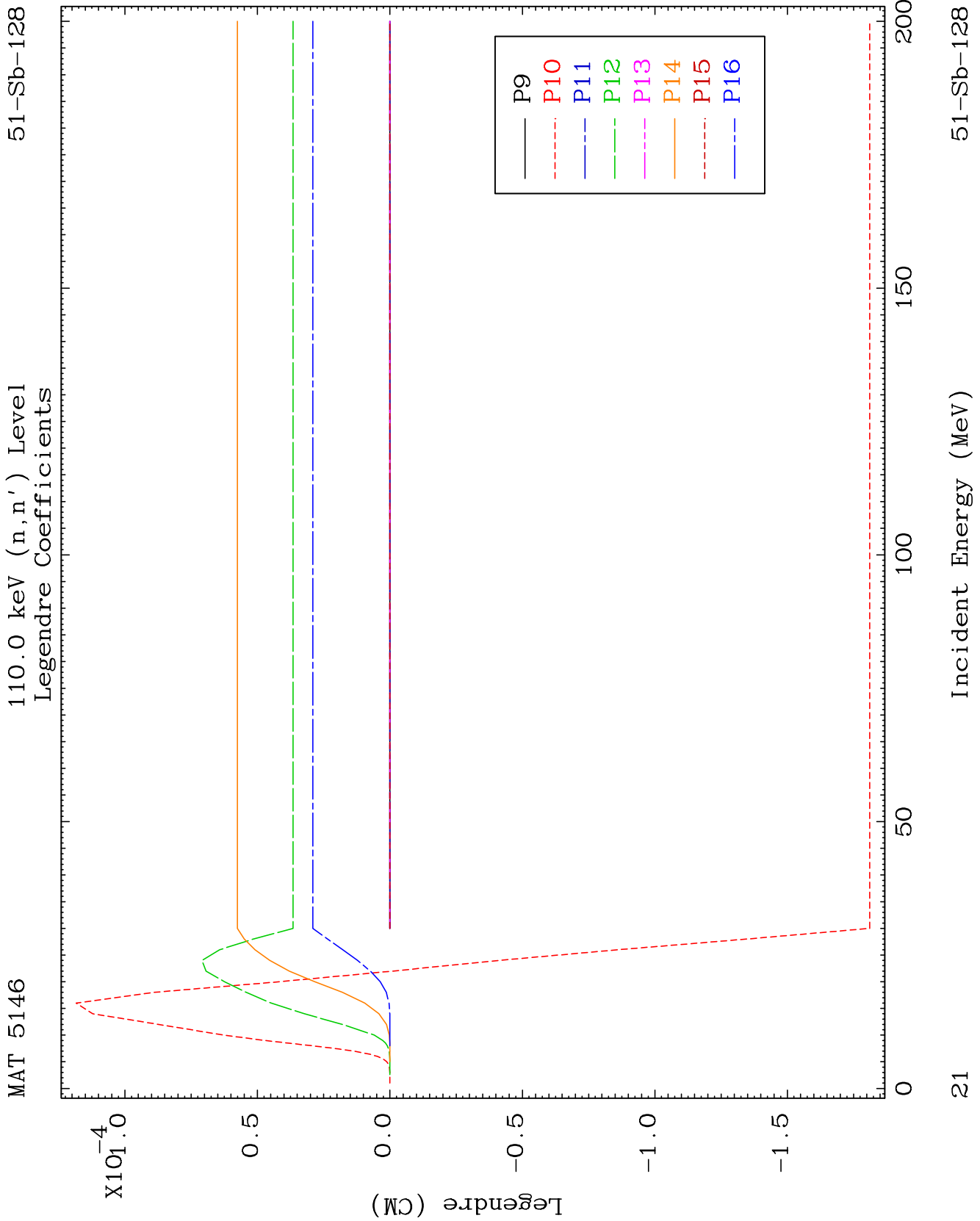
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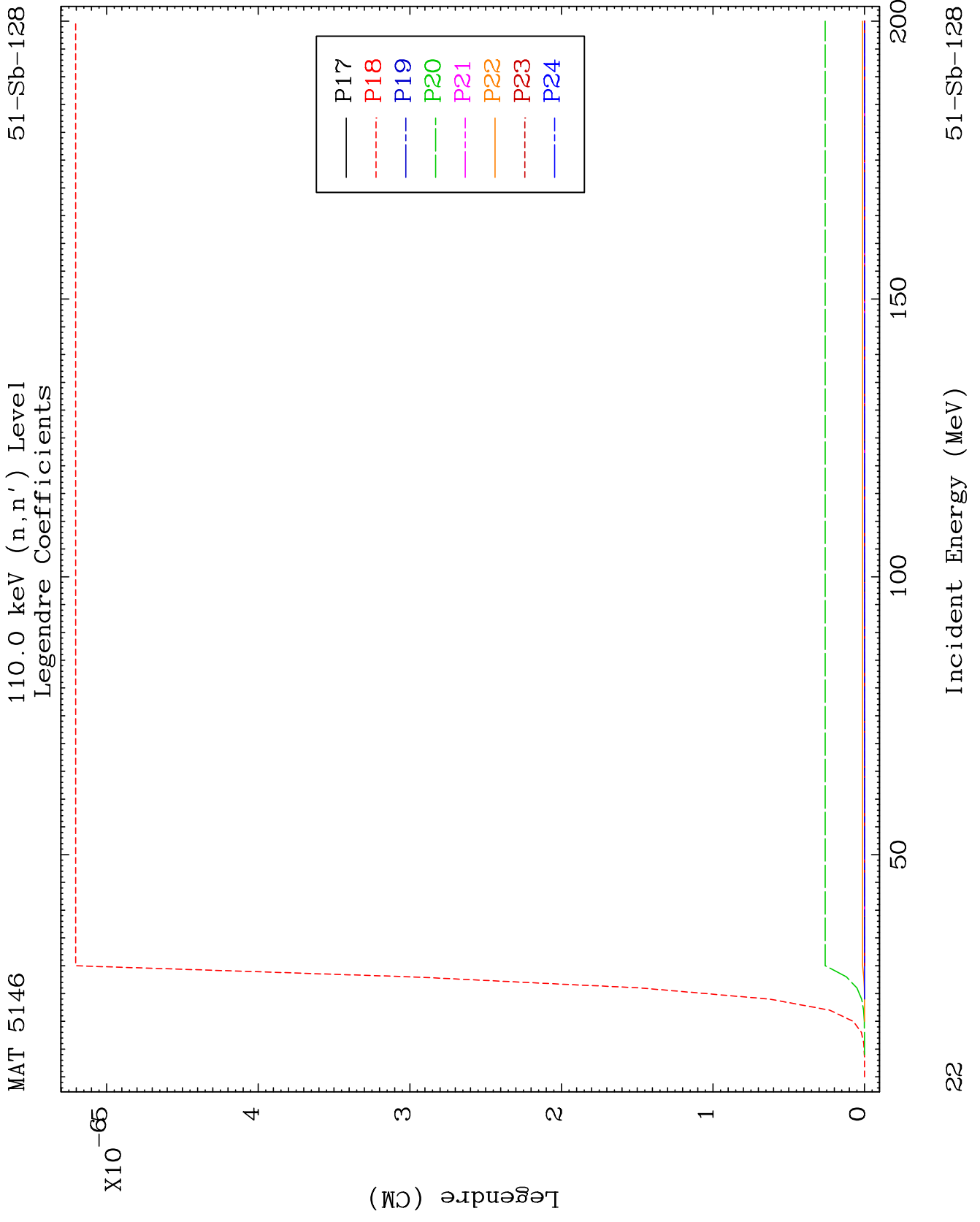
30

Incident Energy (MeV)

51-Sb-128



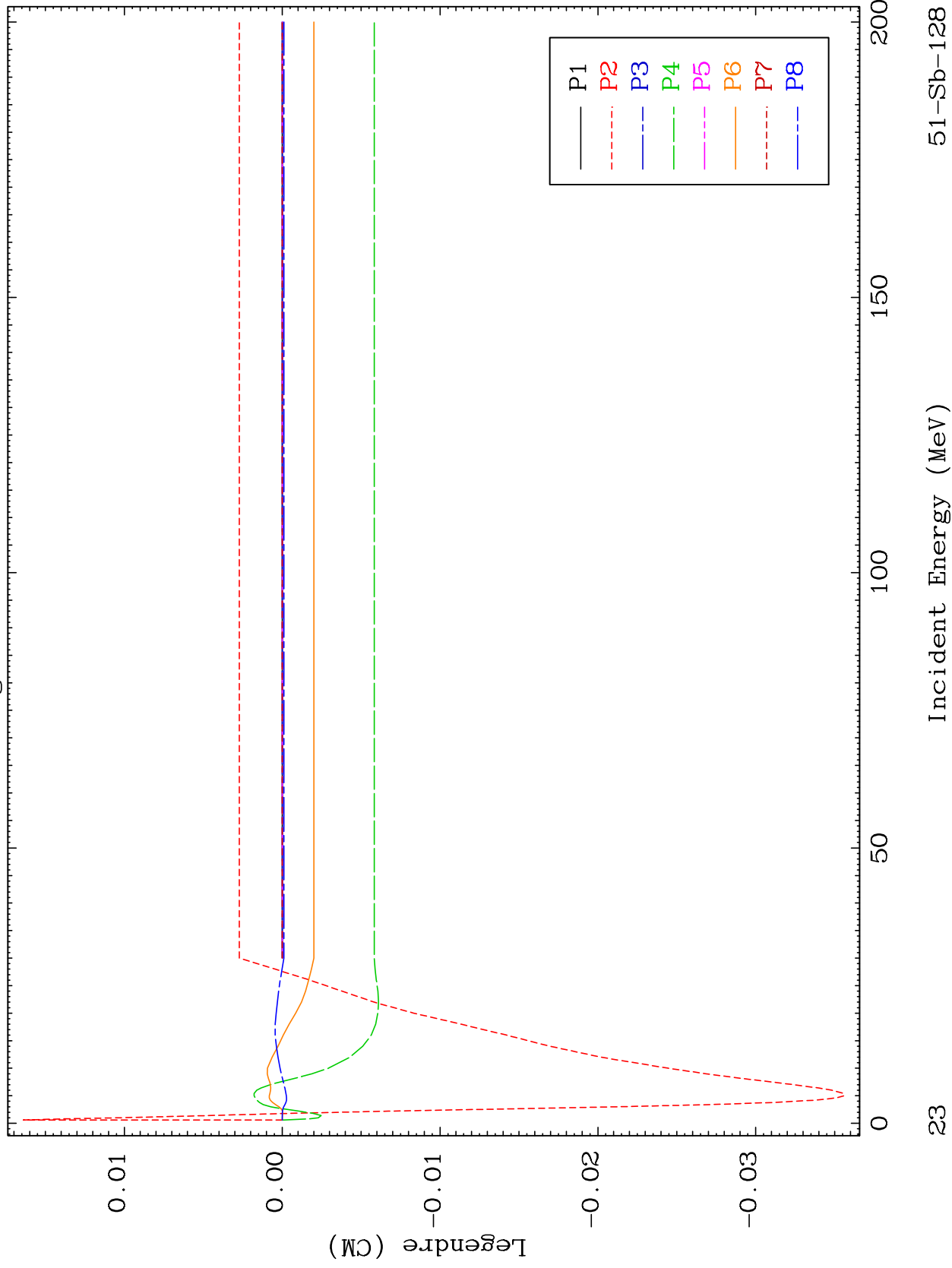




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577.2 keV (n,n') Level
Legendre Coefficients

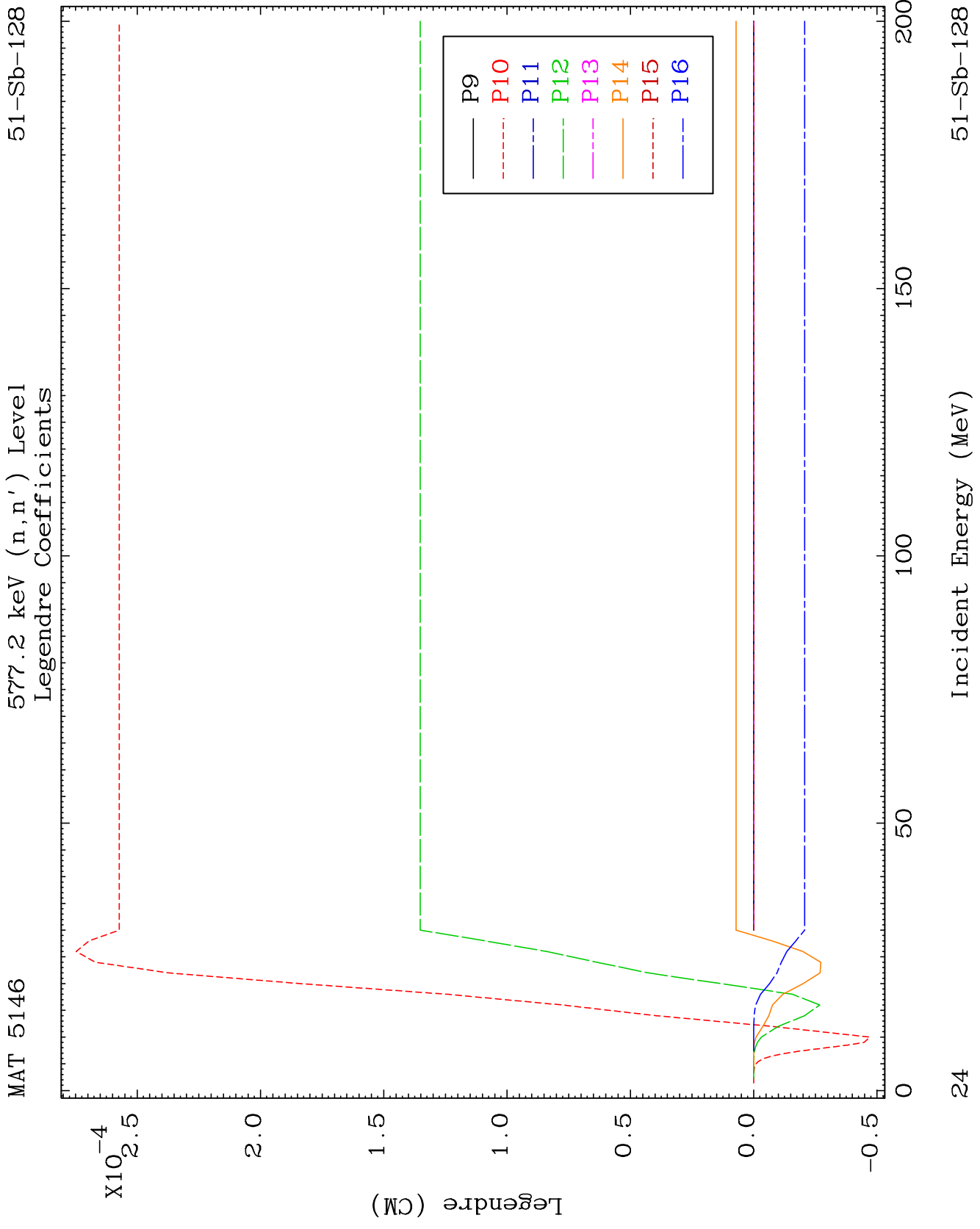
51-Sb-128

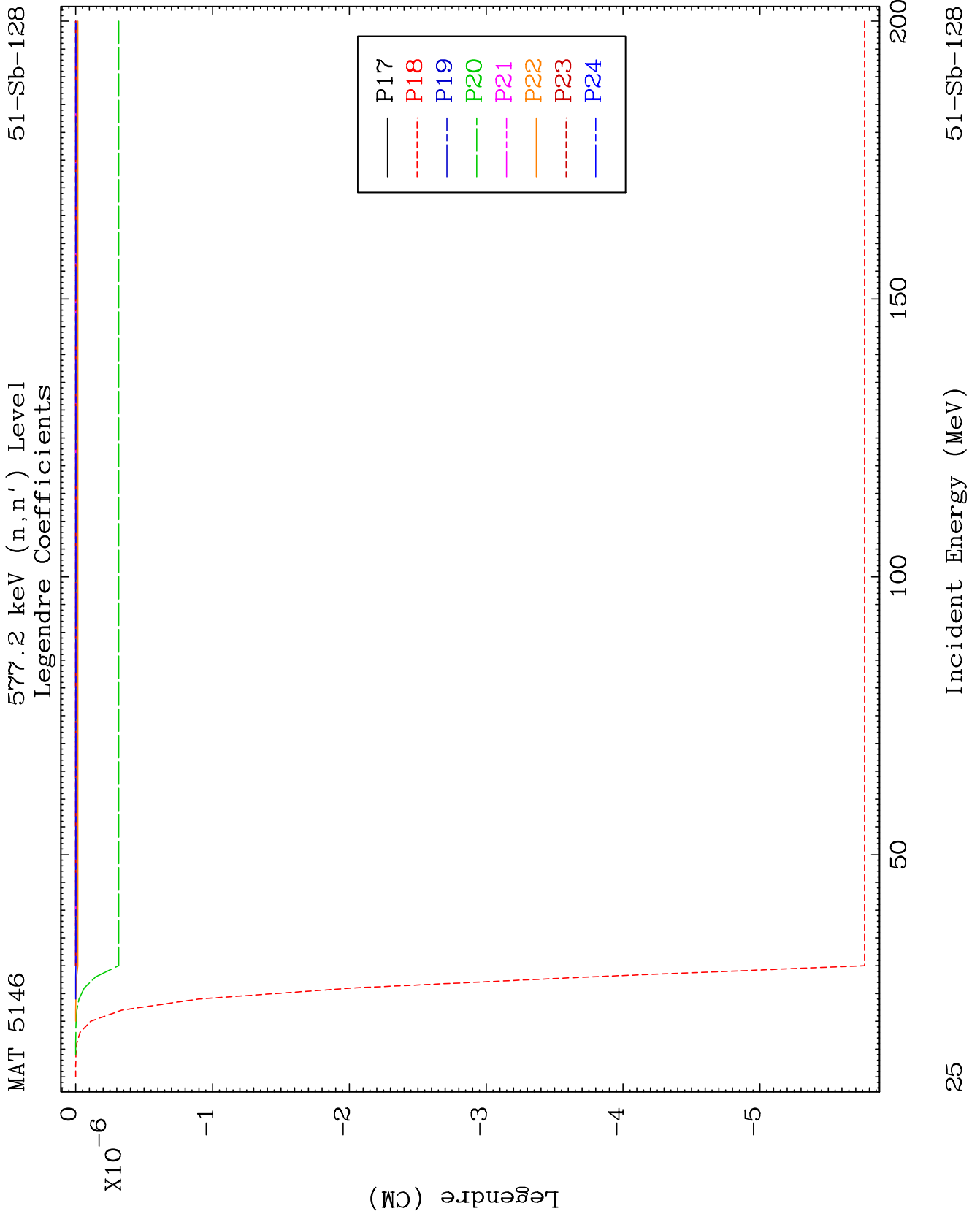


51-Sb-128

Incident Energy (MeV)

23

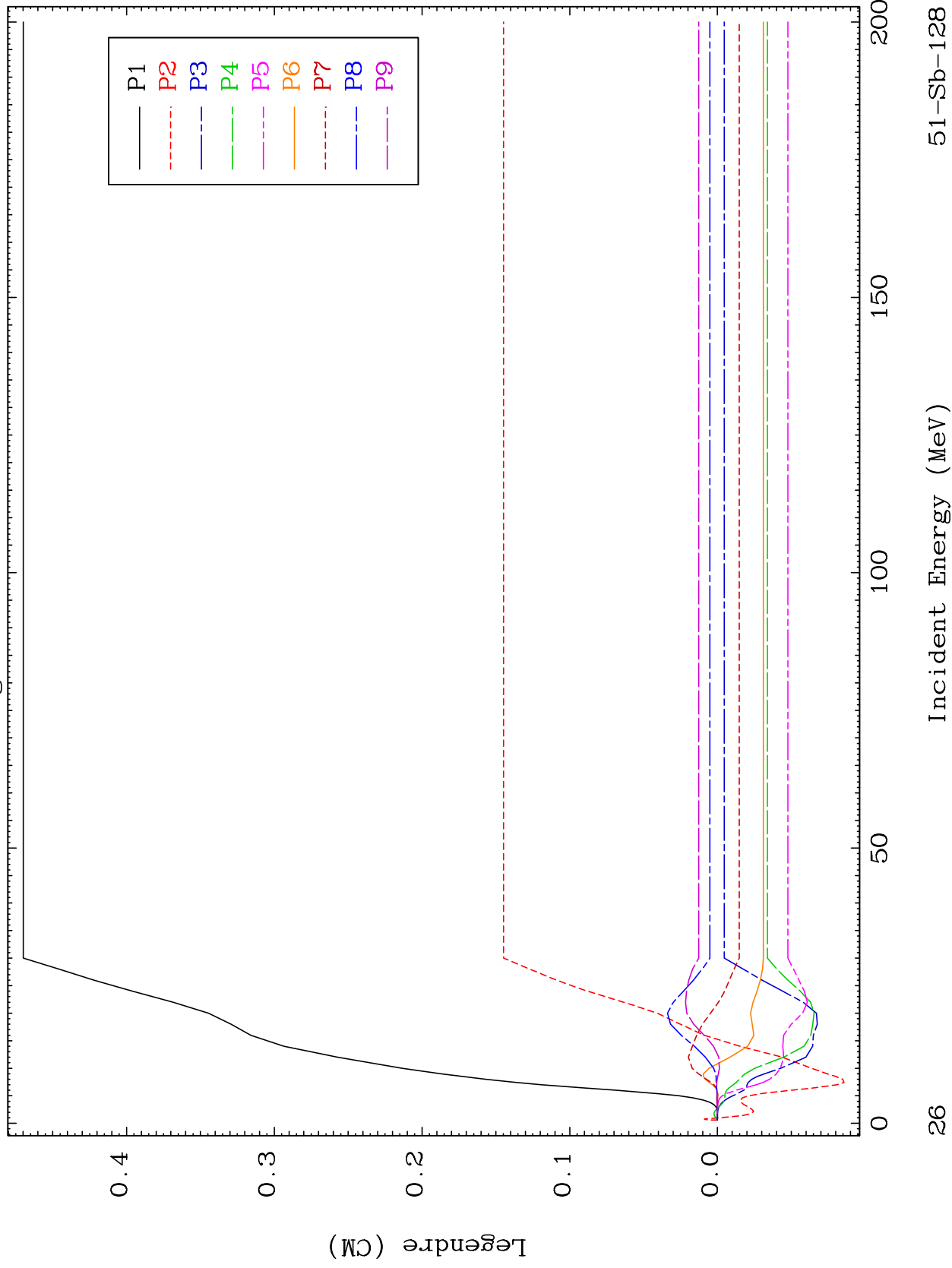




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582.0 keV (n,n') Level
Legendre Coefficients

51-Sb-128



51-Sb-128

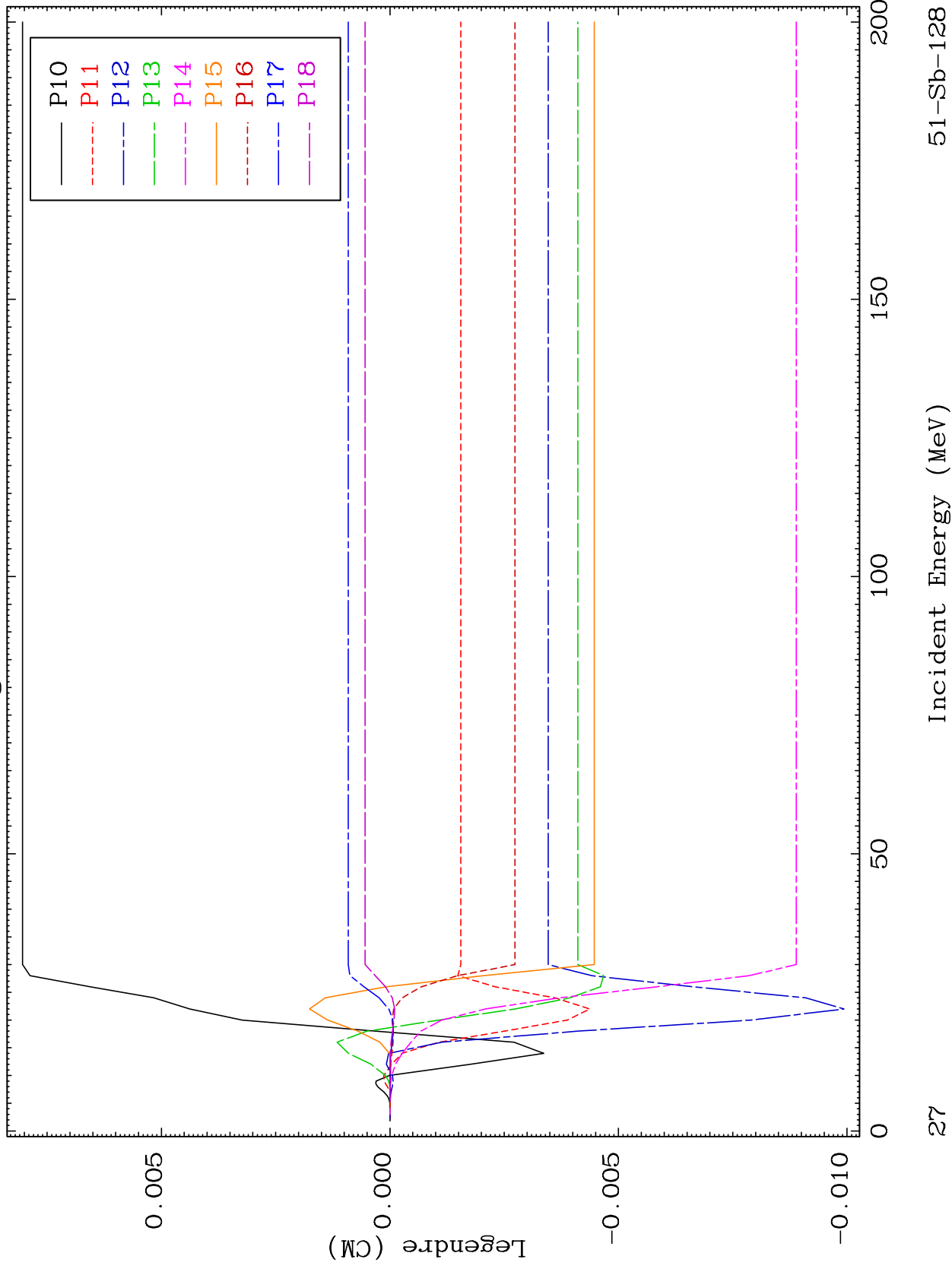
Incident Energy (MeV)

26

MAT 5146

582.0 keV (n,n') Level
Legendre Coefficients

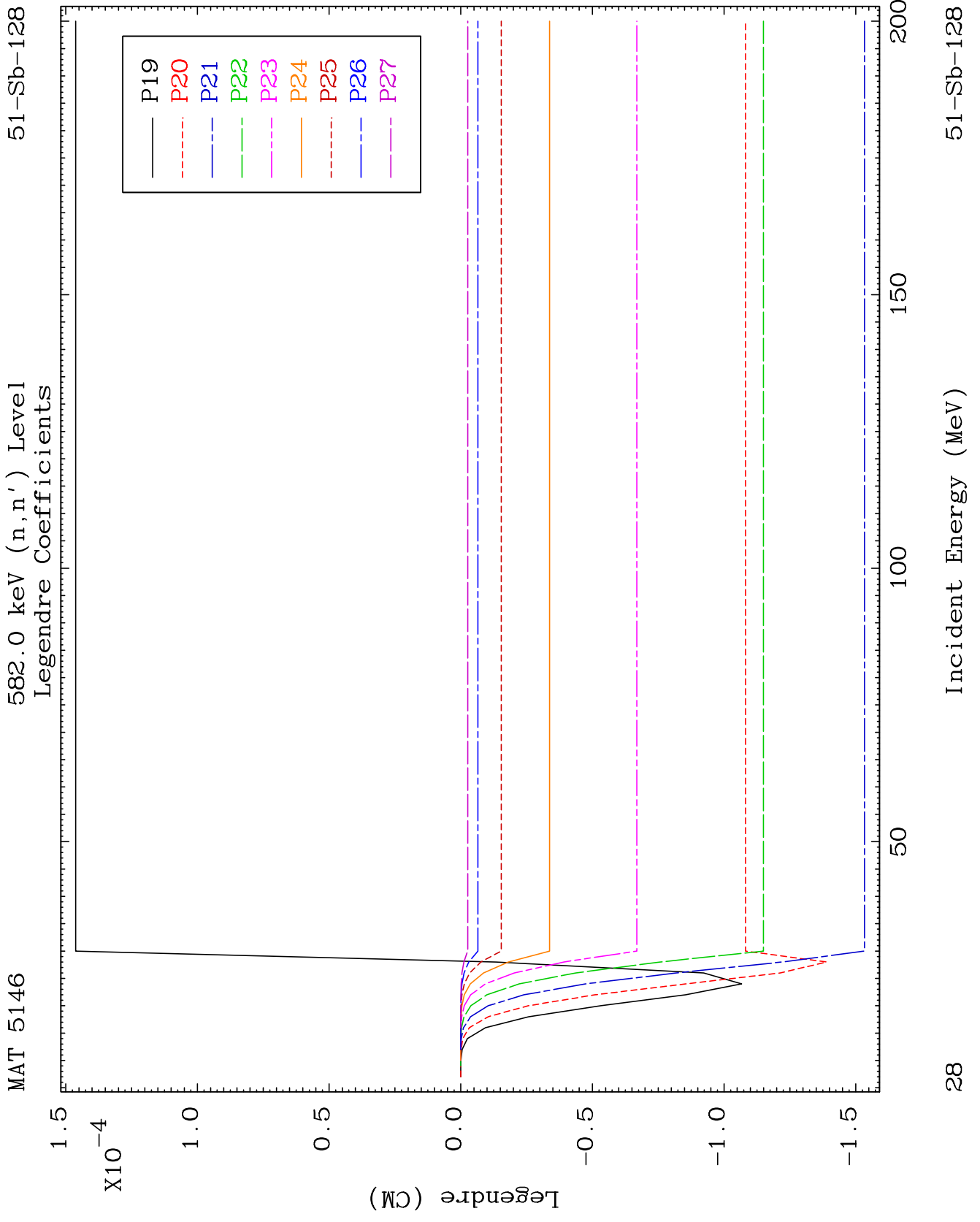
51-Sb-128

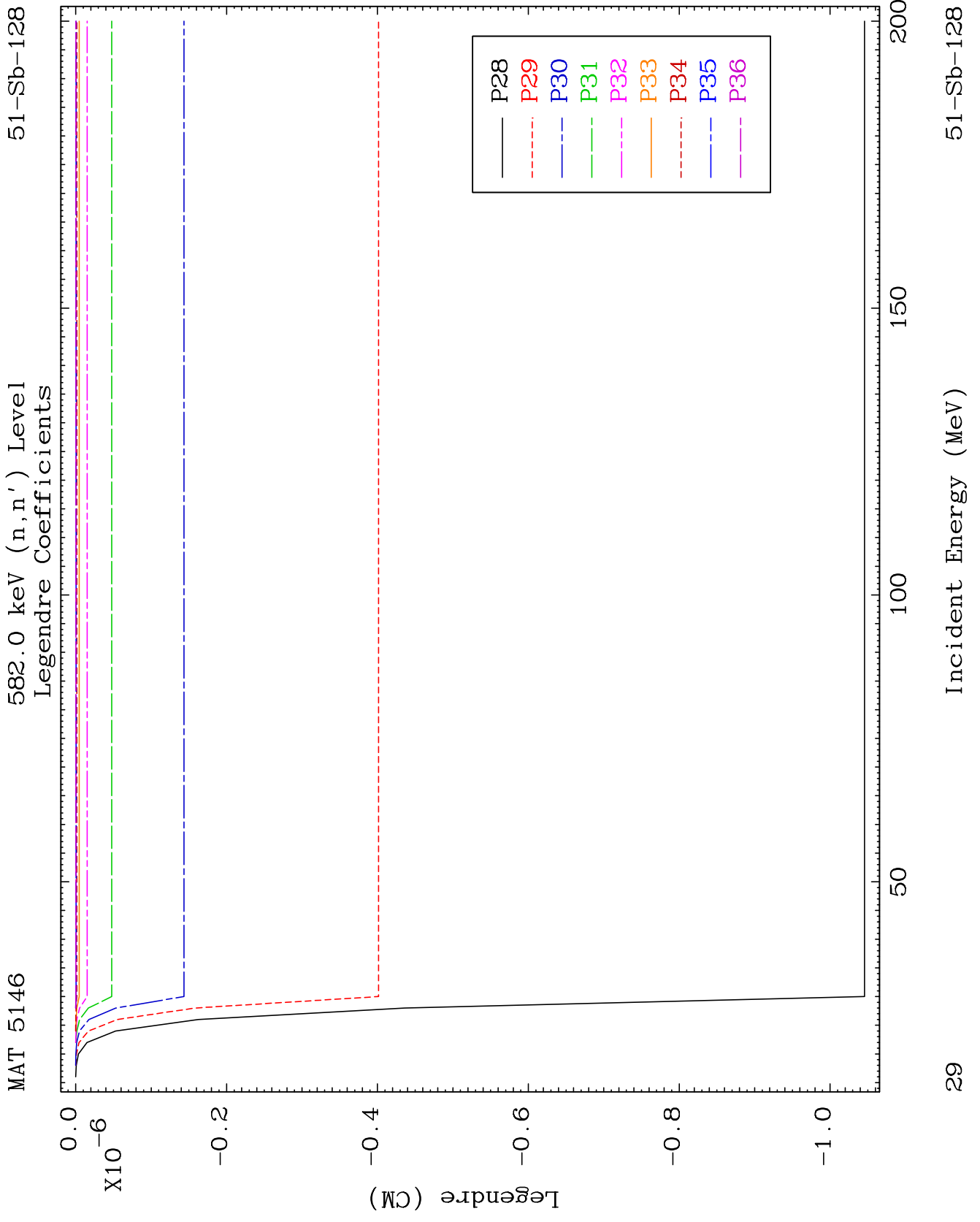


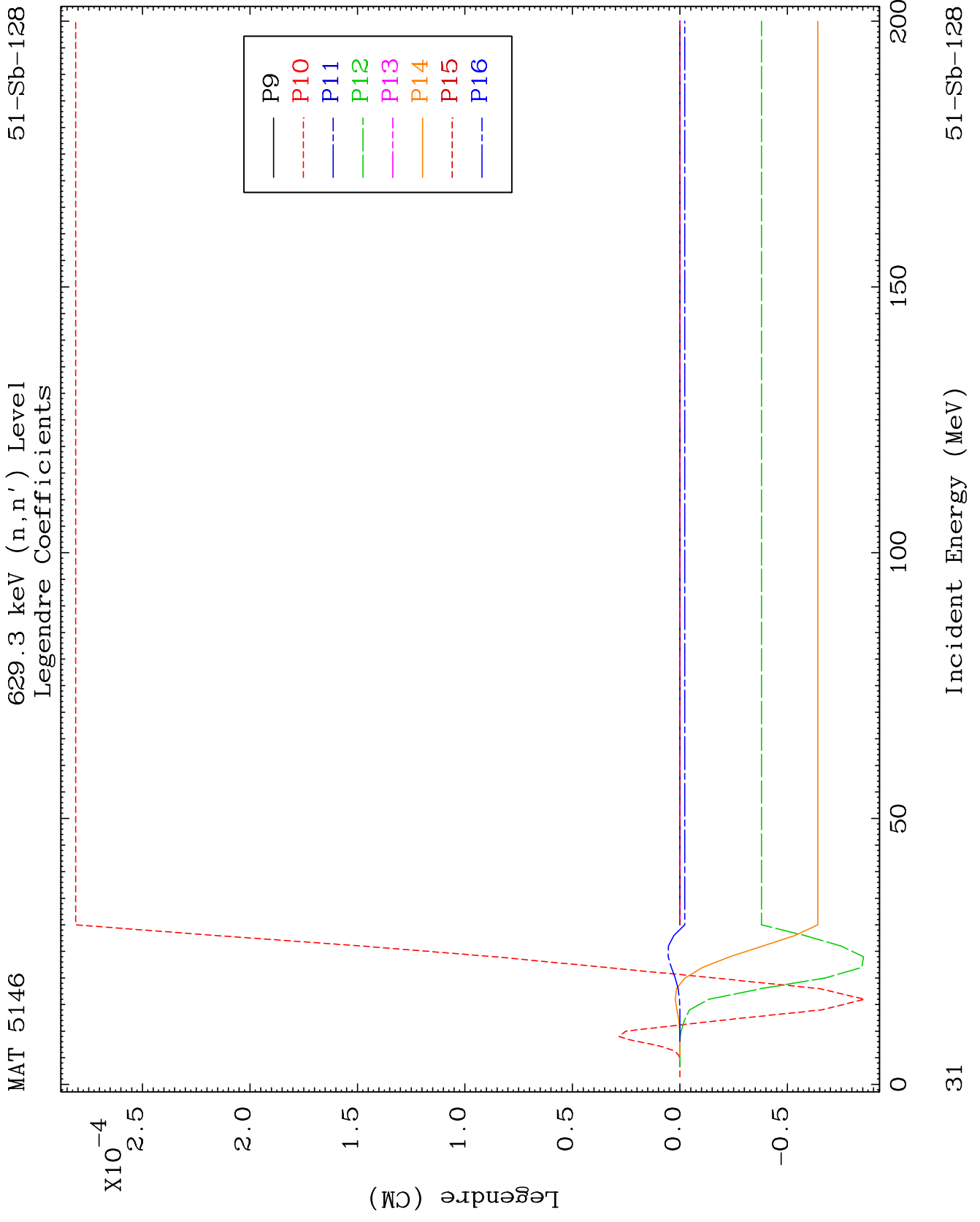
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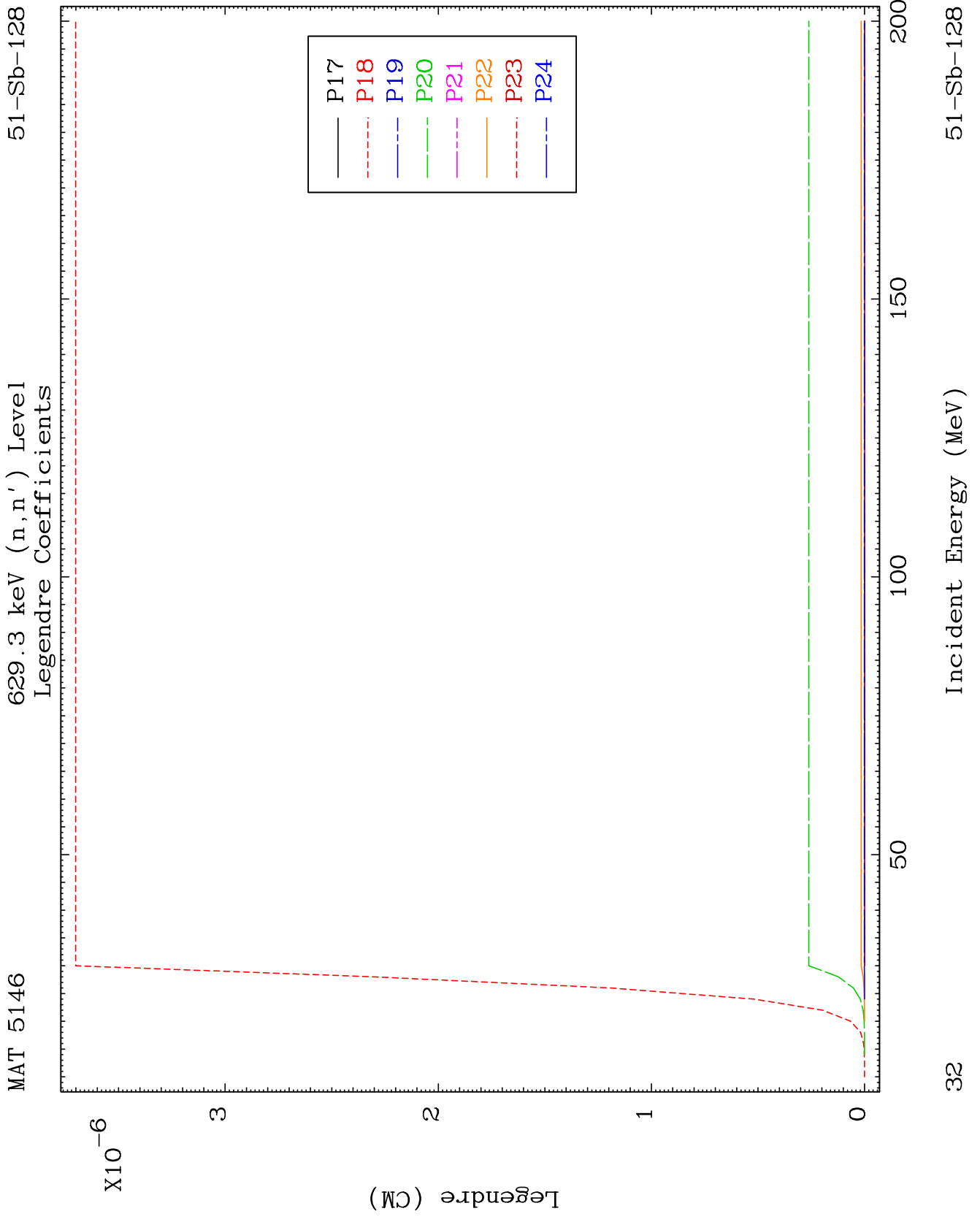
Incident Energy (MeV)

51-Sb-128





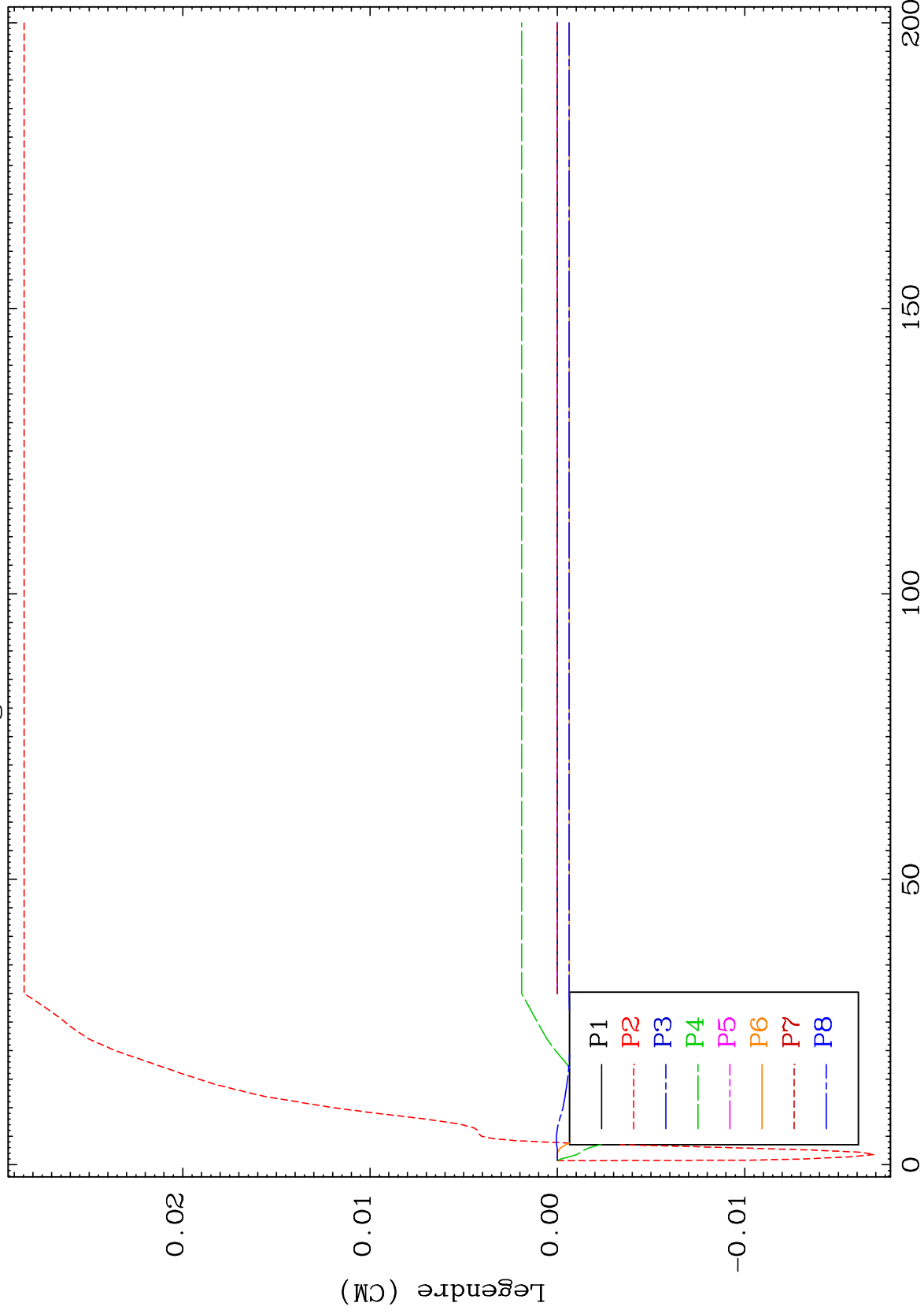




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699.4 keV (n,n') Level
Legendre Coefficients

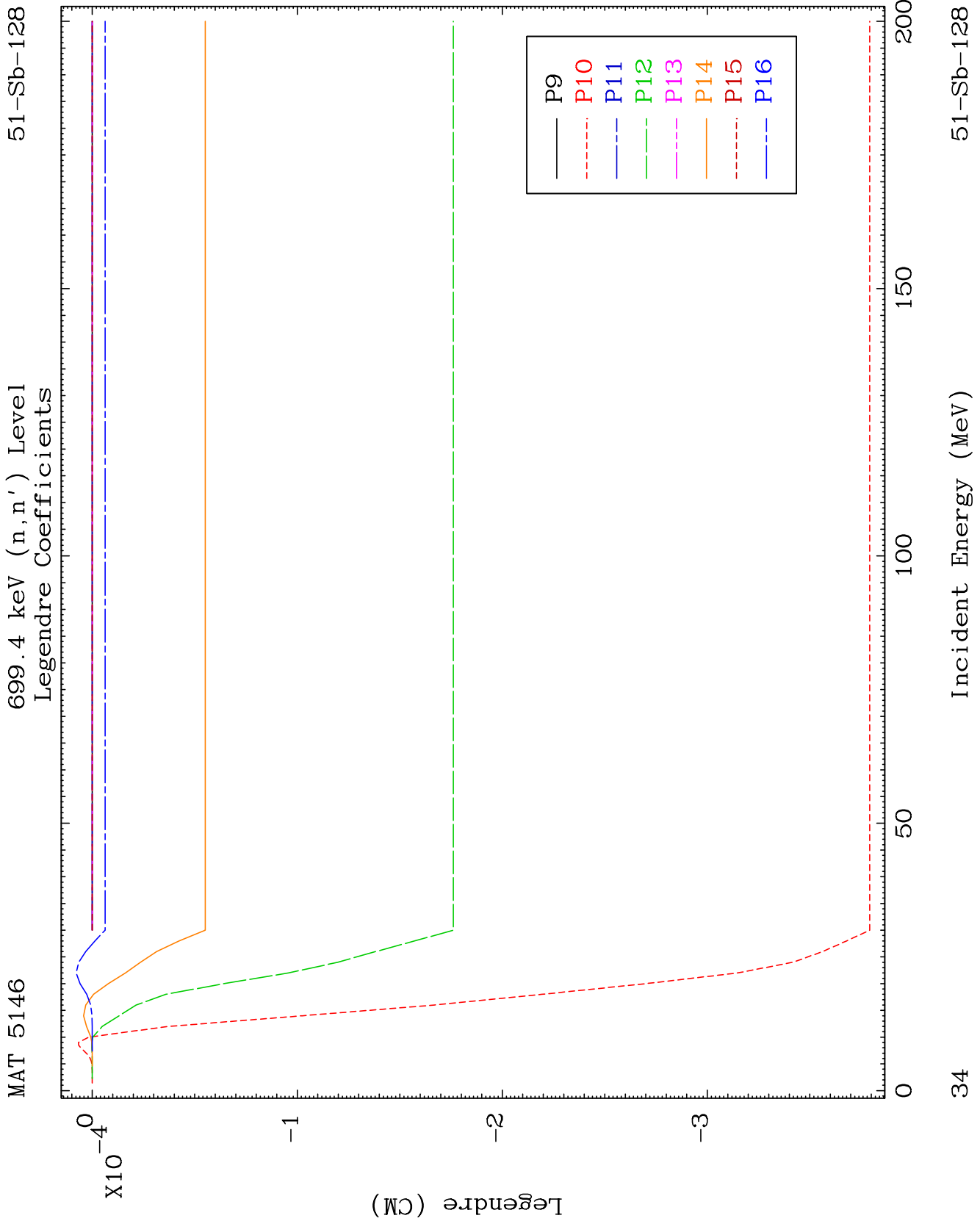
51-Sb-128



51-Sb-128

Incident Energy (MeV)

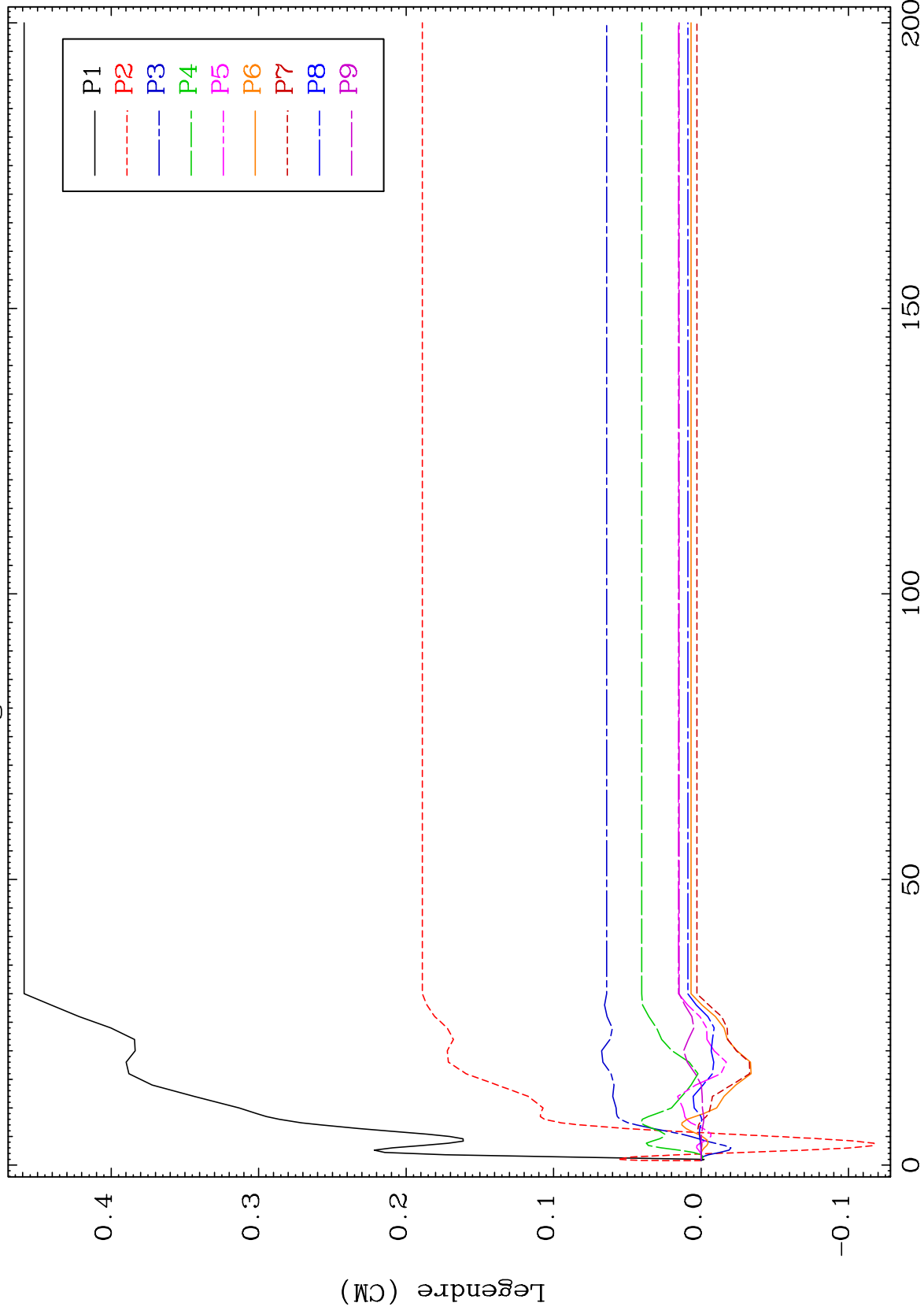
33



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745.6 keV (n,n') Level
Legendre Coefficients

51-Sb-128



36

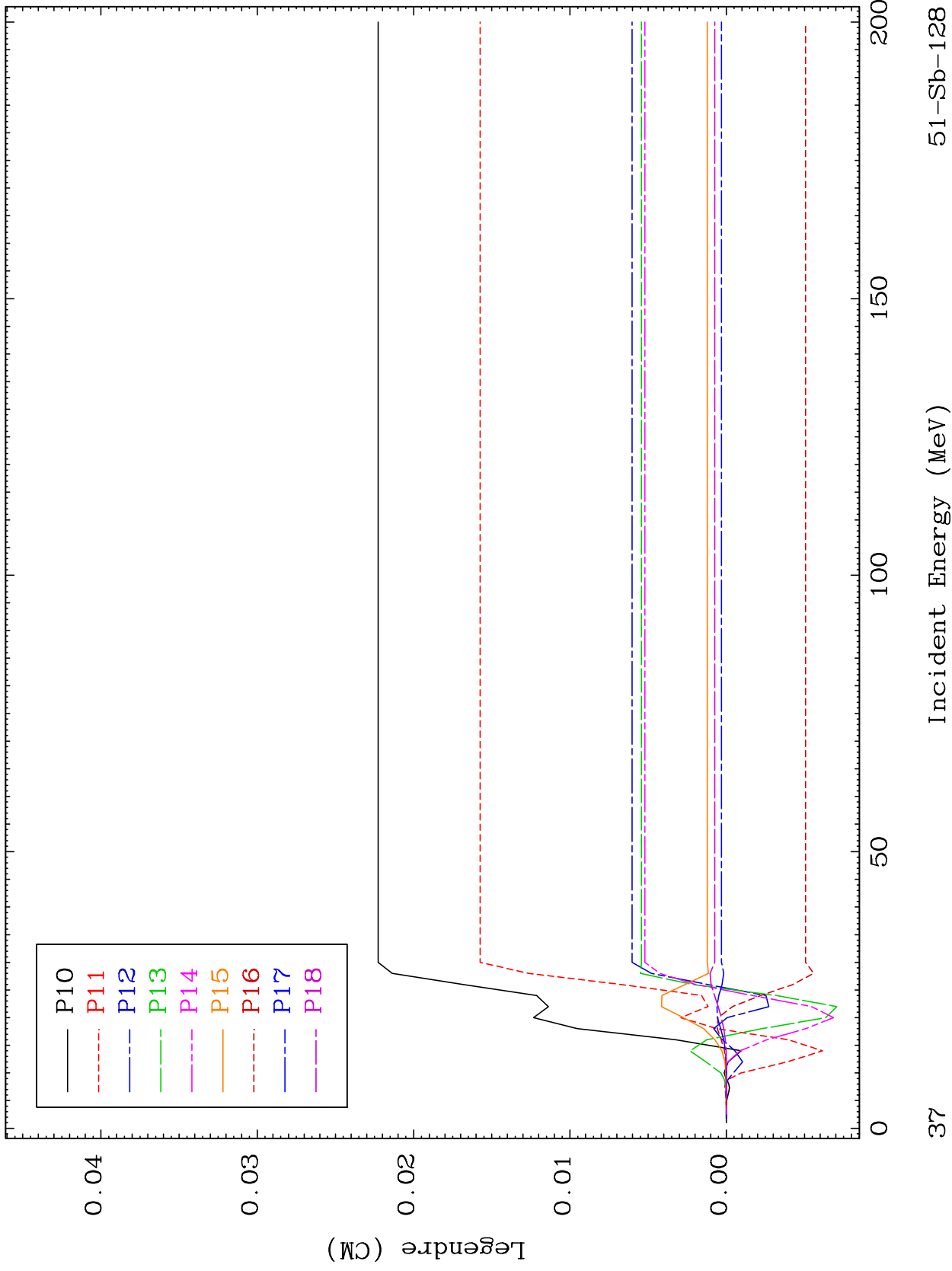
Incident Energy (MeV)

51-Sb-128

MAT 5146

745.6 keV (n,n') Level
Legendre Coefficients

51-Sb-128



51-Sb-128

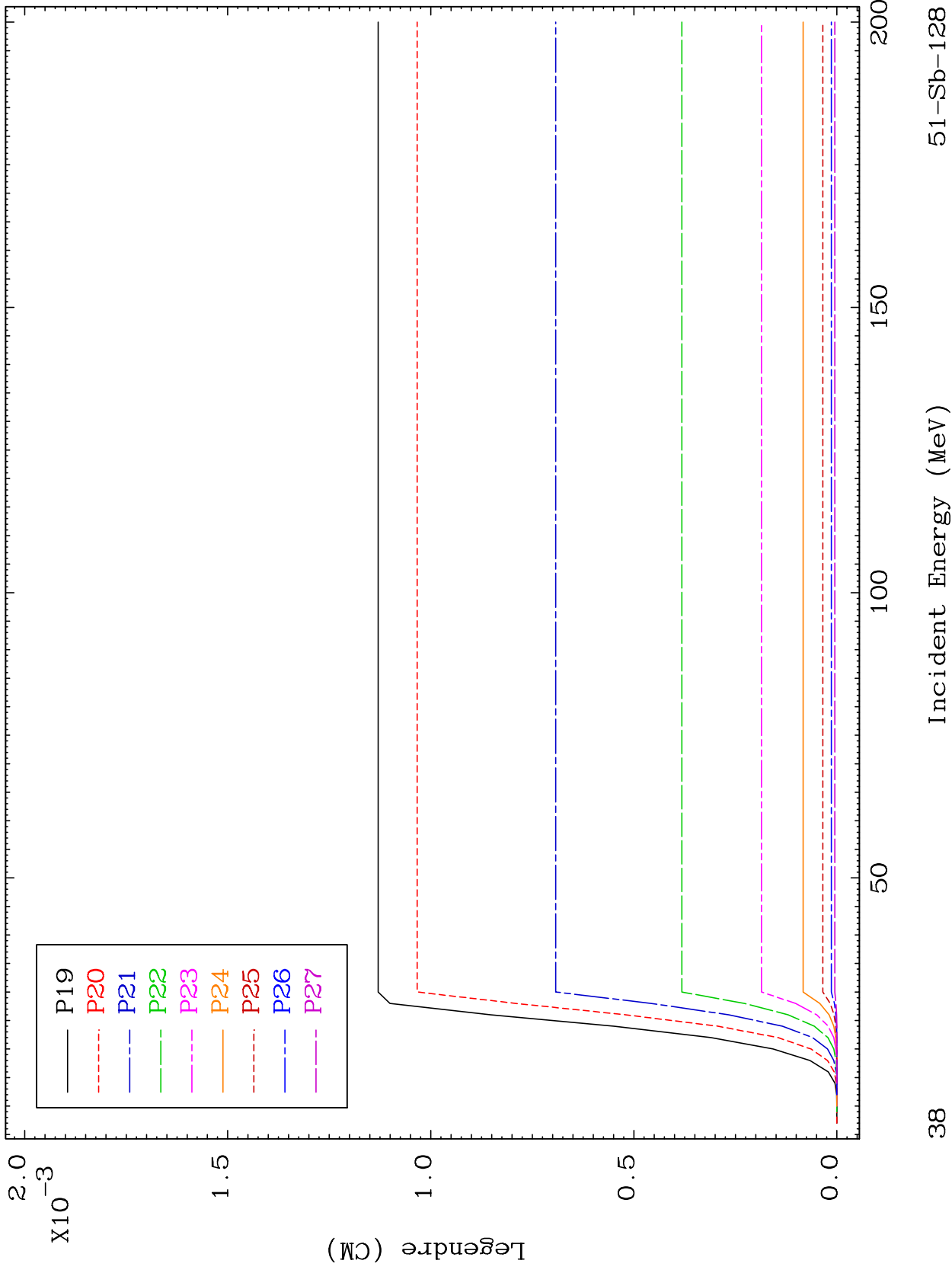
Incident Energy (MeV)

37

MAT 5146

745.6 keV (n,n') Level
Legendre Coefficients

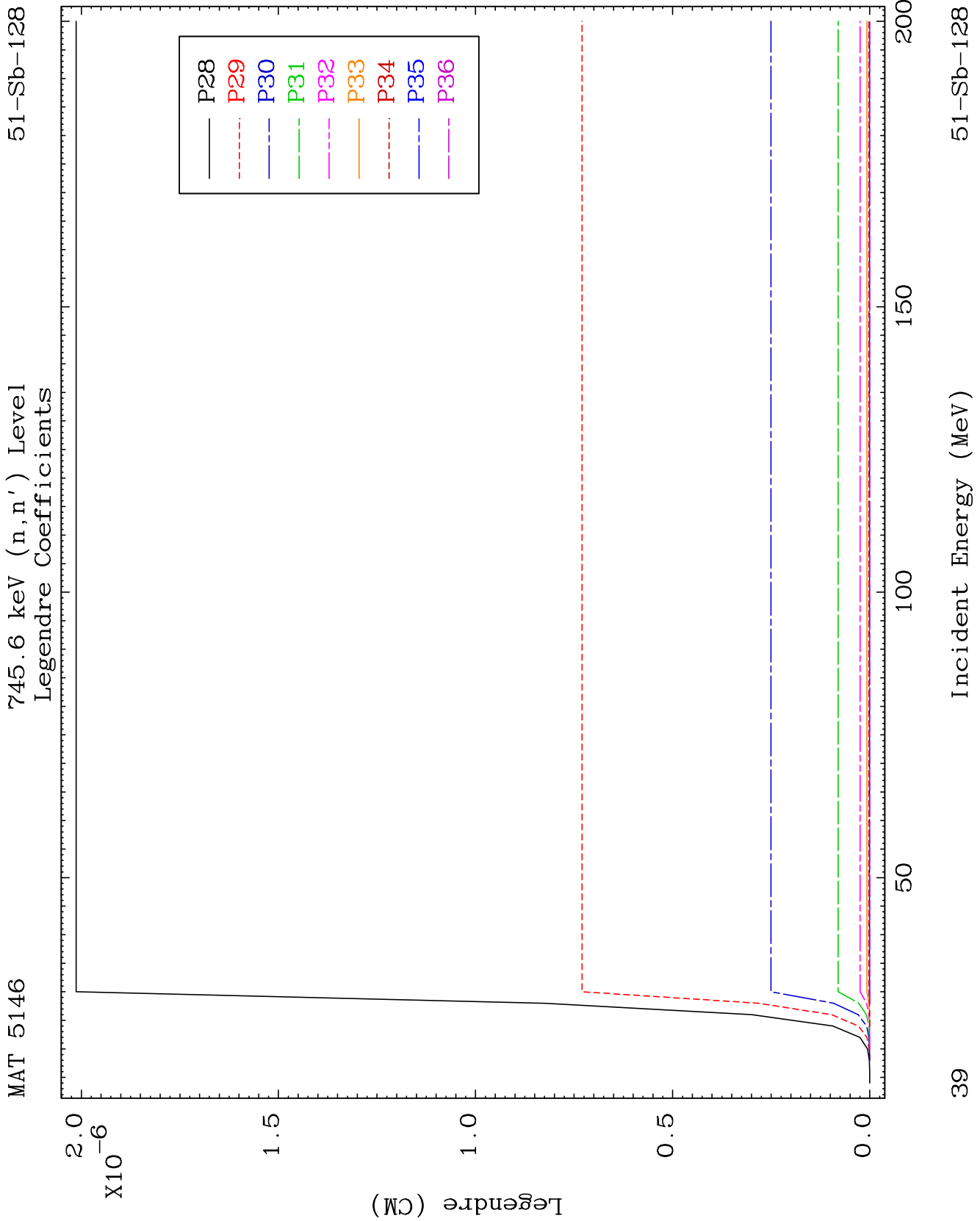
51-Sb-128



38

Incident Energy (MeV)

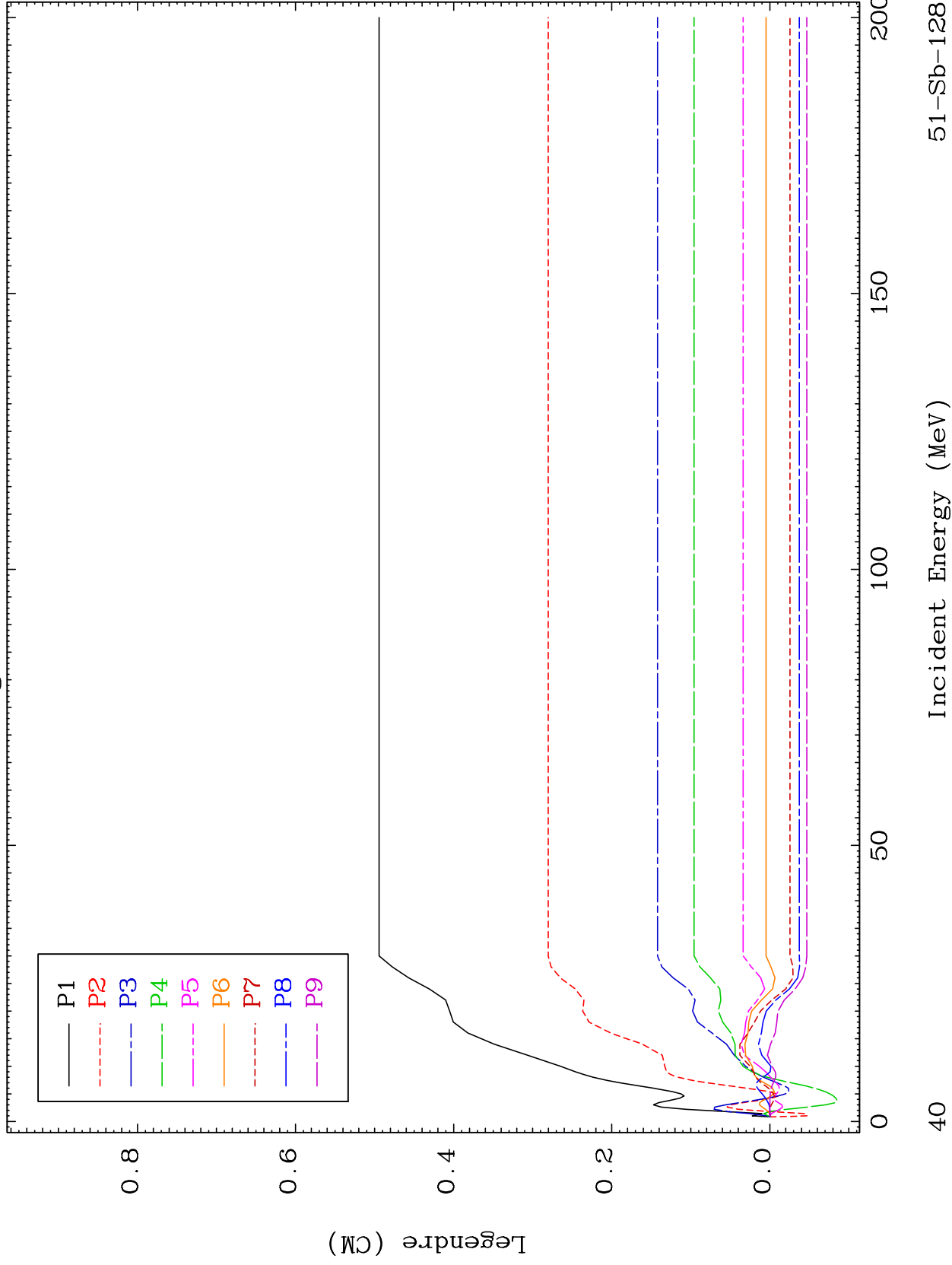
51-Sb-128

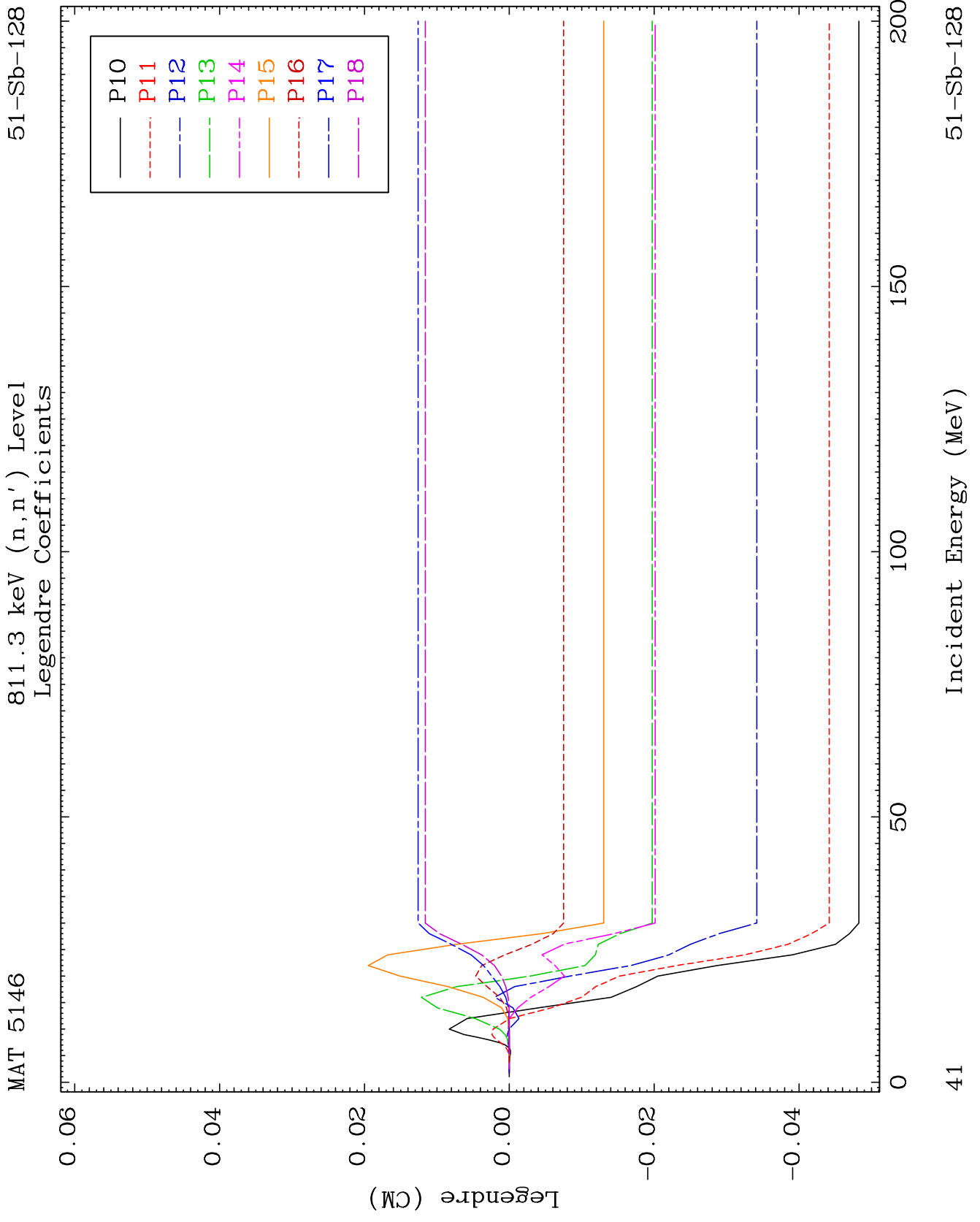


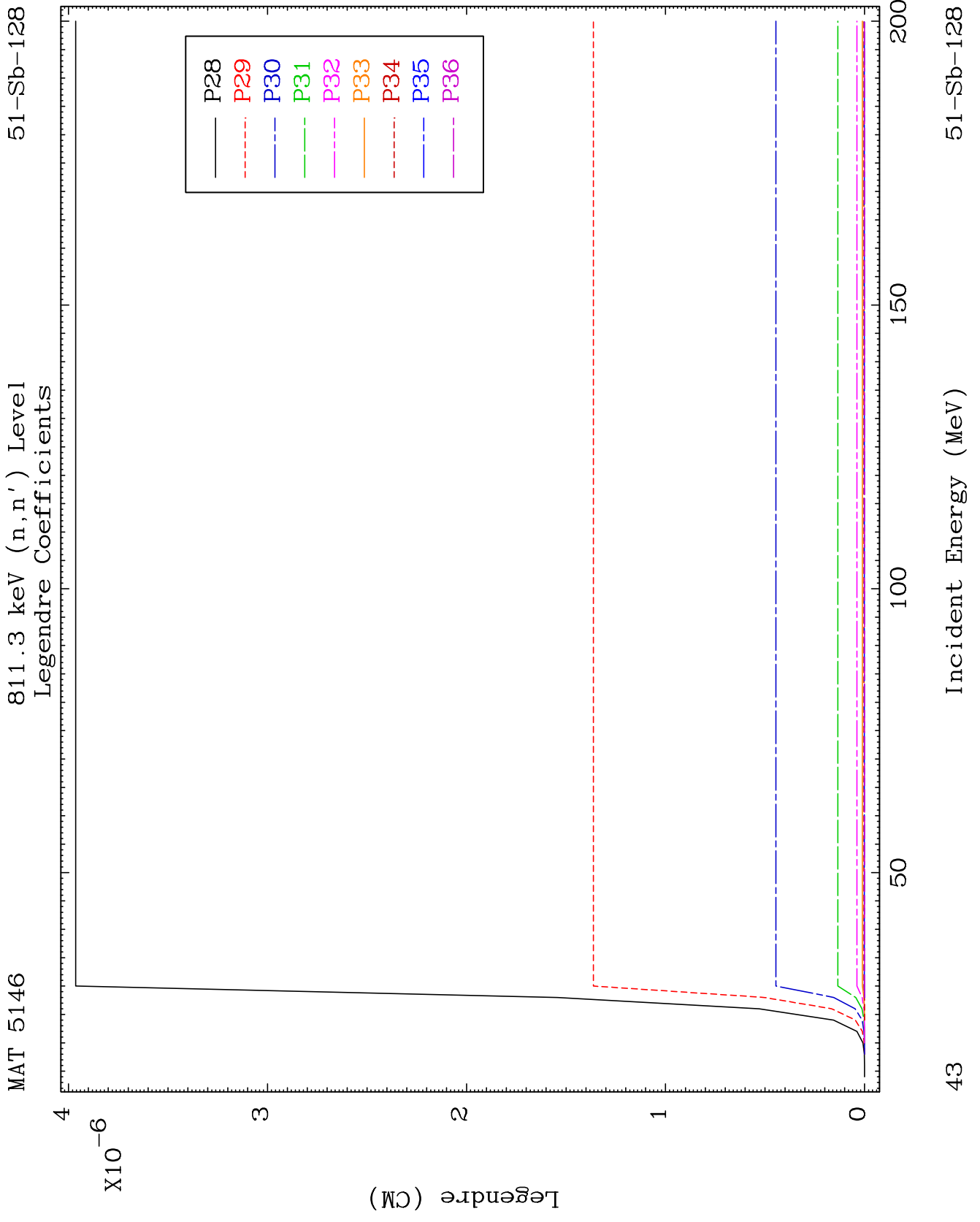
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811.3 keV (n,n') Level
Legendre Coefficients

51-Sb-128



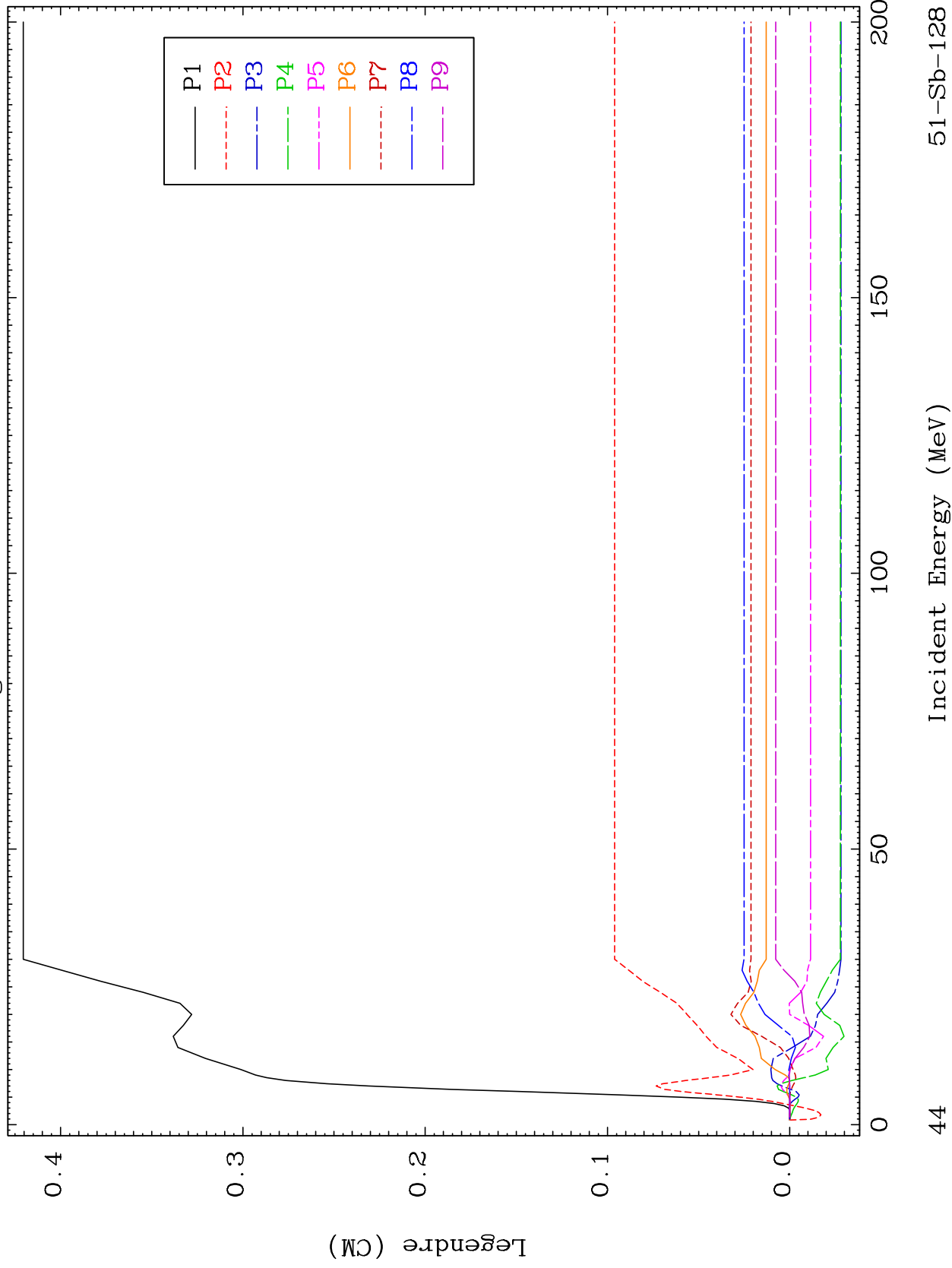




MAT 5146

813.0 keV (n,n') Level
Legendre Coefficients

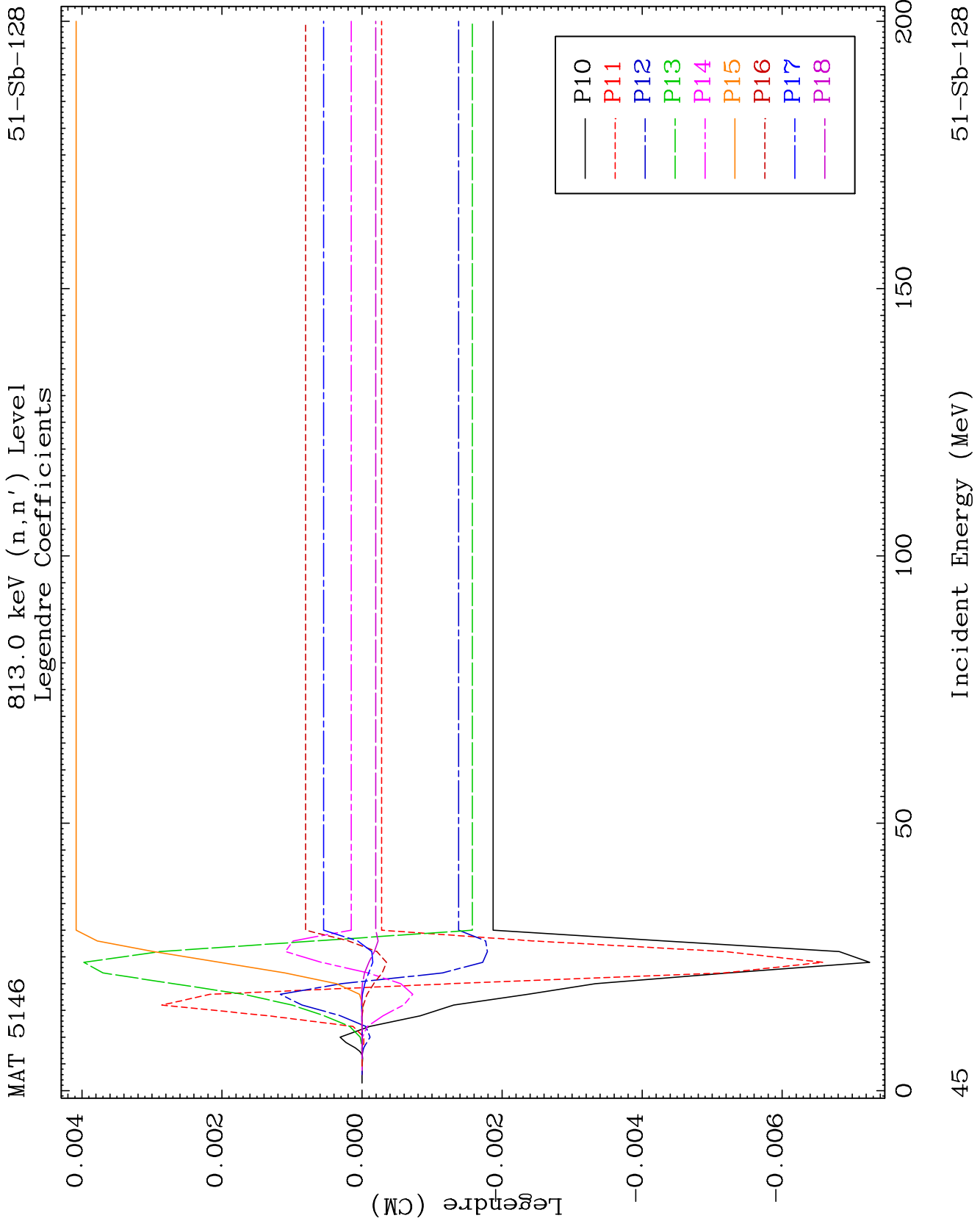
51-Sb-128

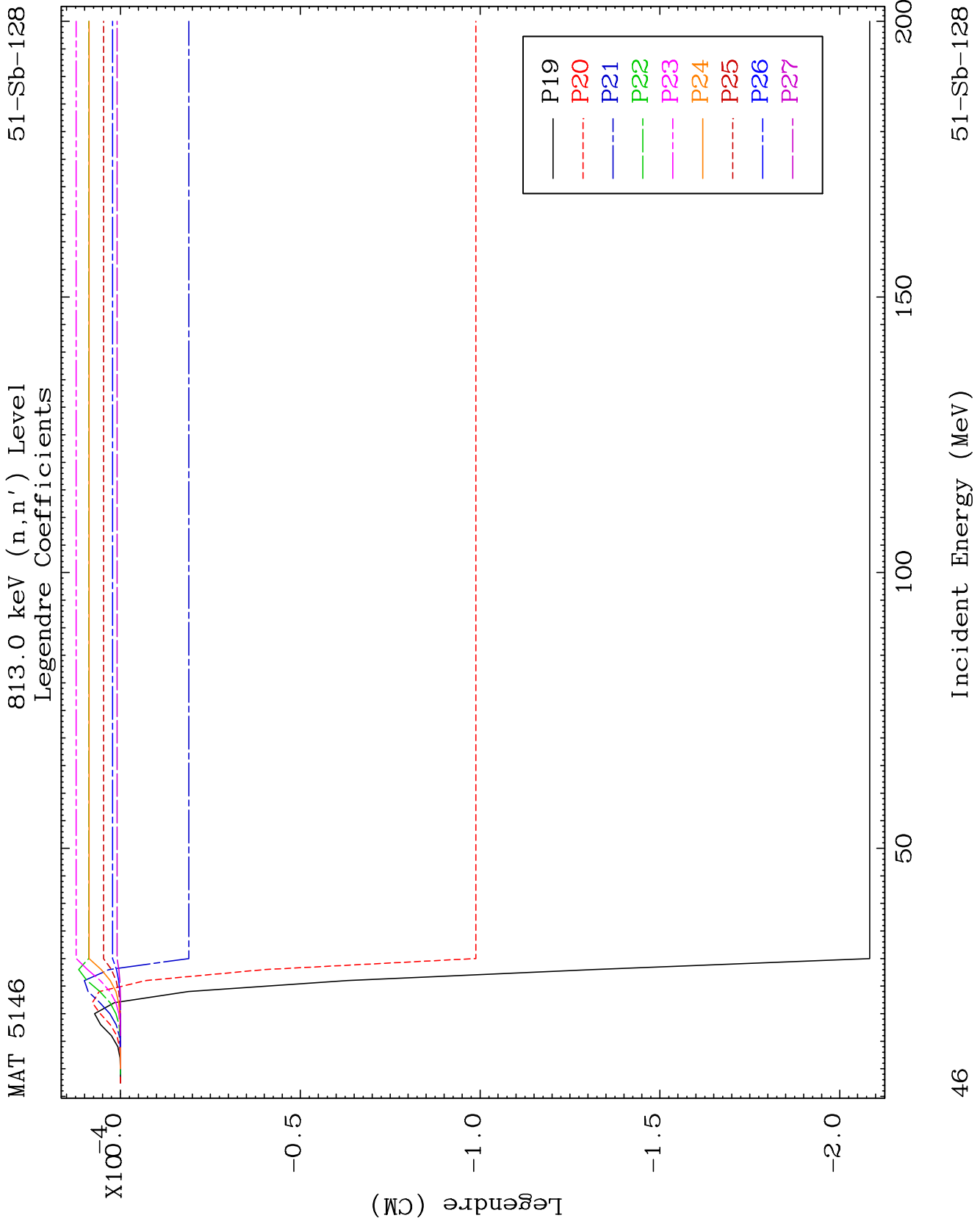


51-Sb-128

Incident Energy (MeV)

44

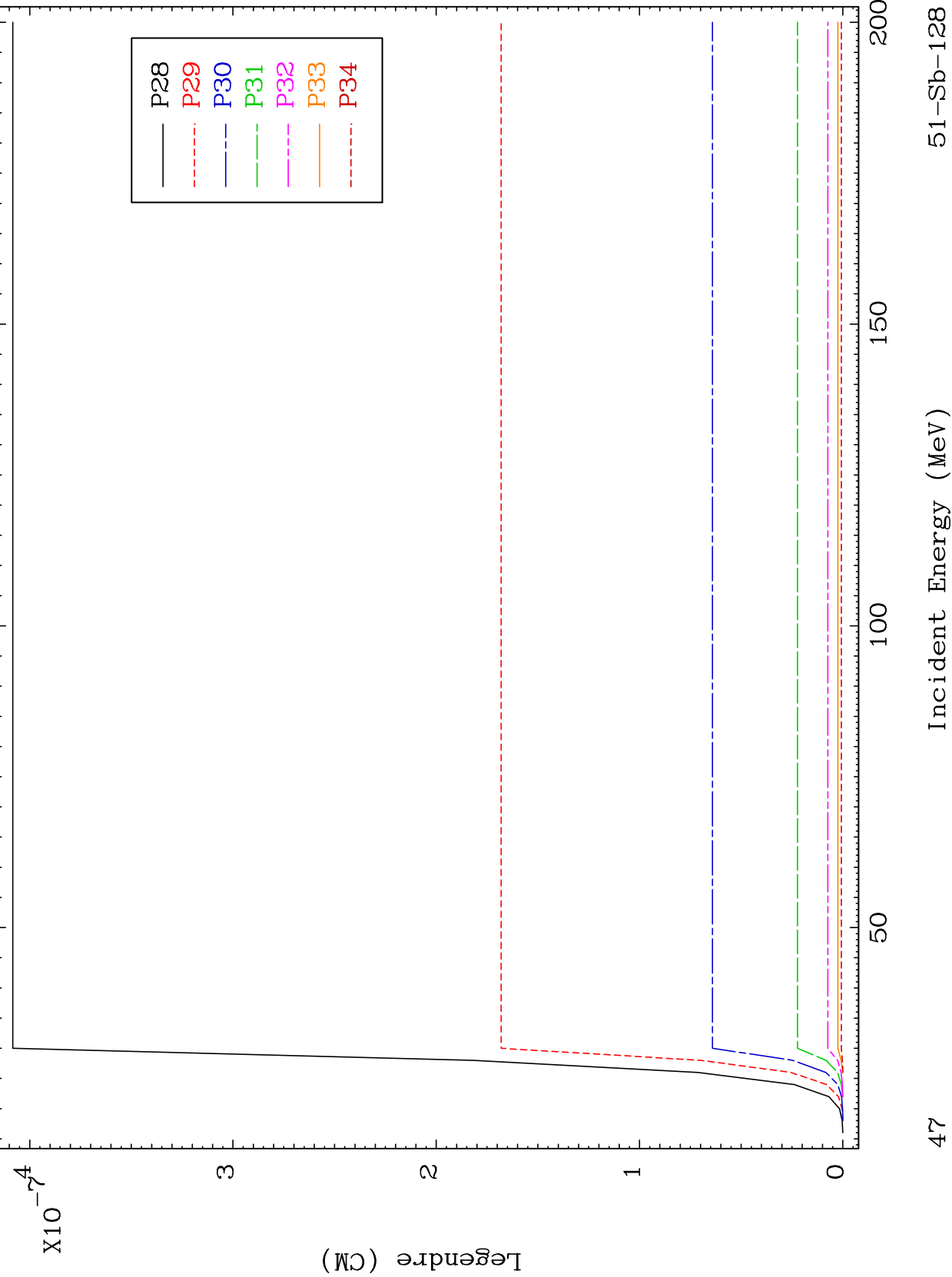




MAT 5146

813.0 keV (n,n') Level
Legendre Coefficients

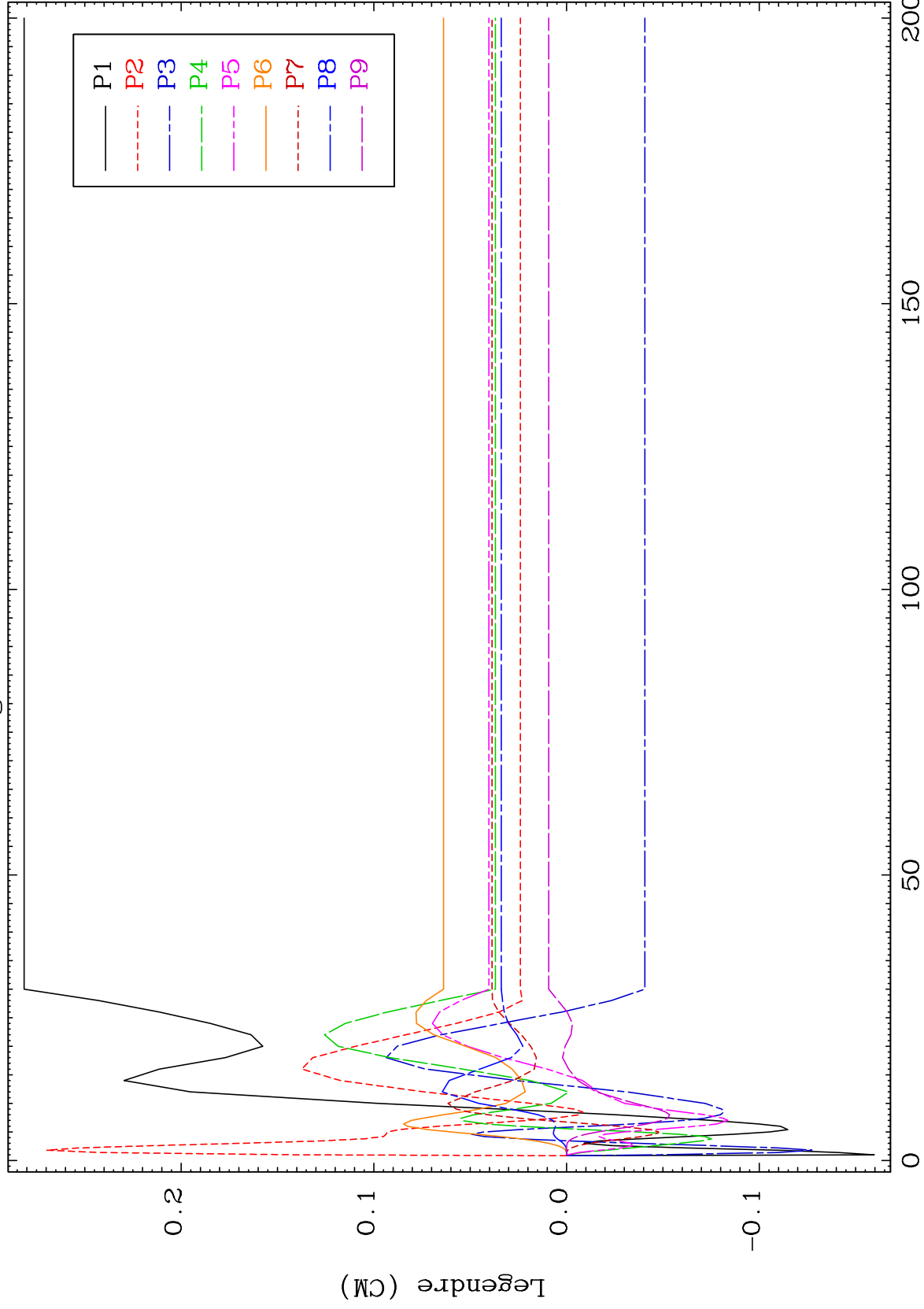
51-Sb-128



MAT 5146

824.3 keV (n,n') Level
Legendre Coefficients

51-Sb-128



48

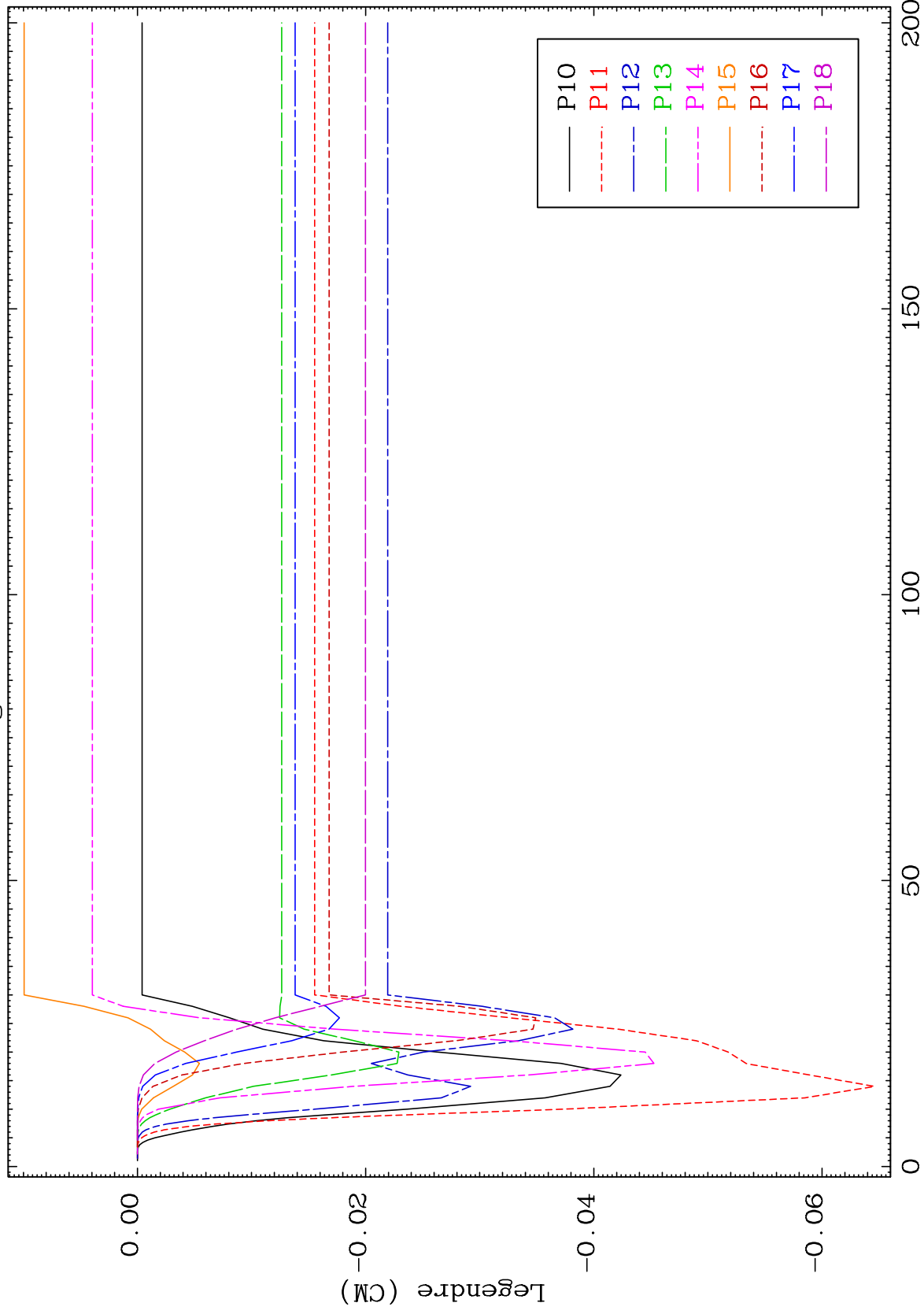
Incident Energy (MeV)

51-Sb-128

MAT 5146

824.3 keV (n,n') Level
Legendre Coefficients

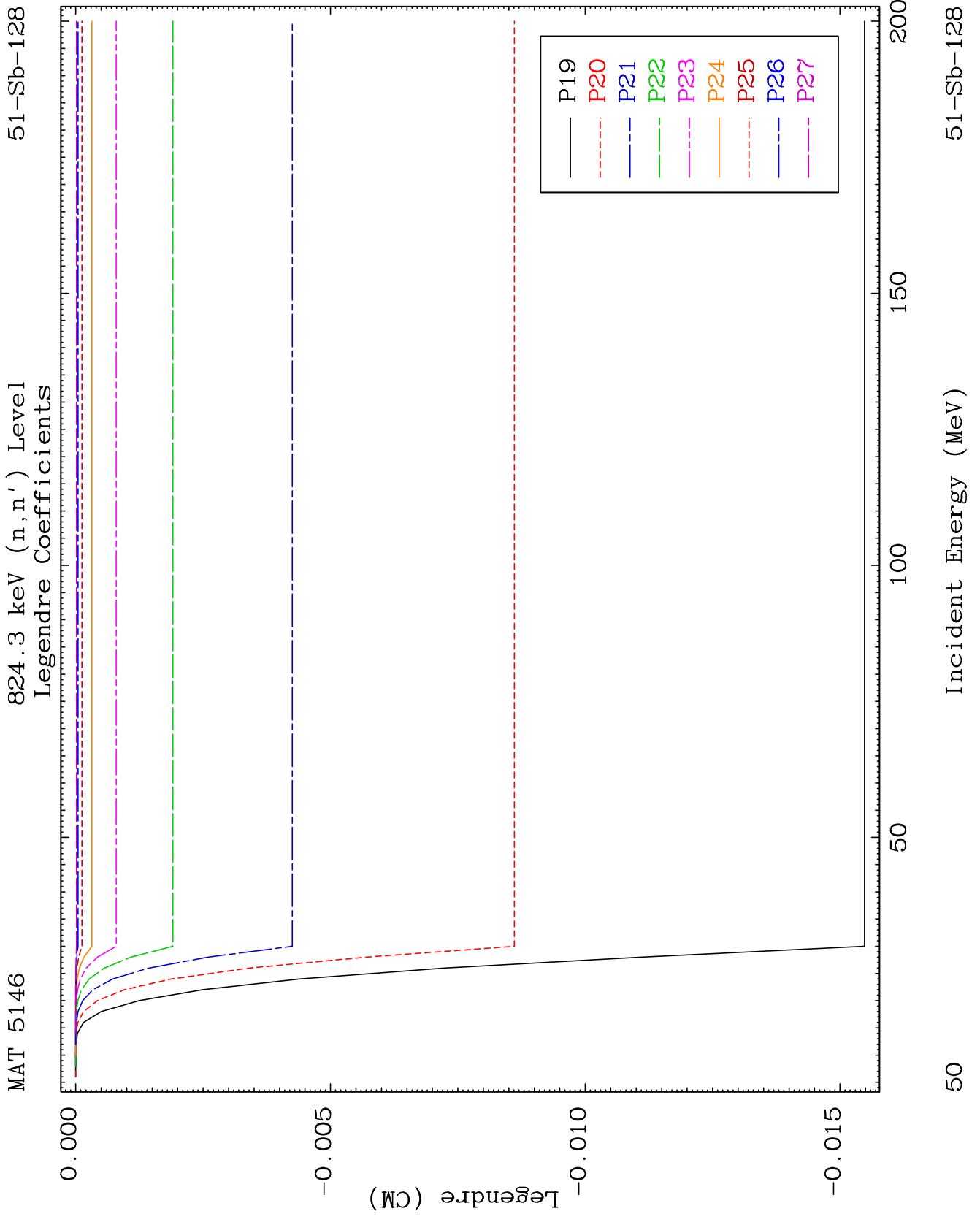
51-Sb-128



49

Incident Energy (MeV)

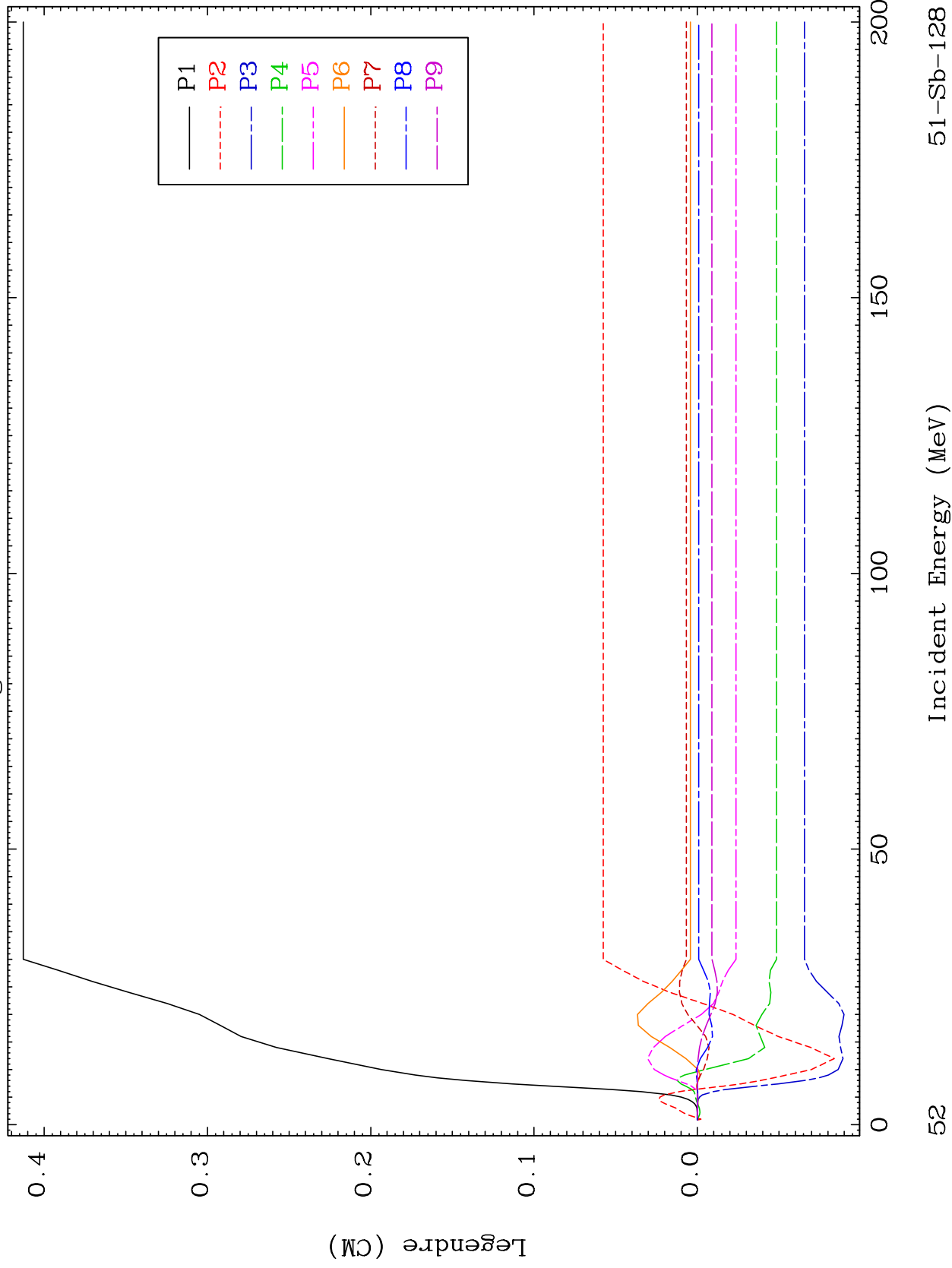
51-Sb-128



MAT 5146

831.0 keV (n,n') Level
Legendre Coefficients

51-Sb-128



51-Sb-128

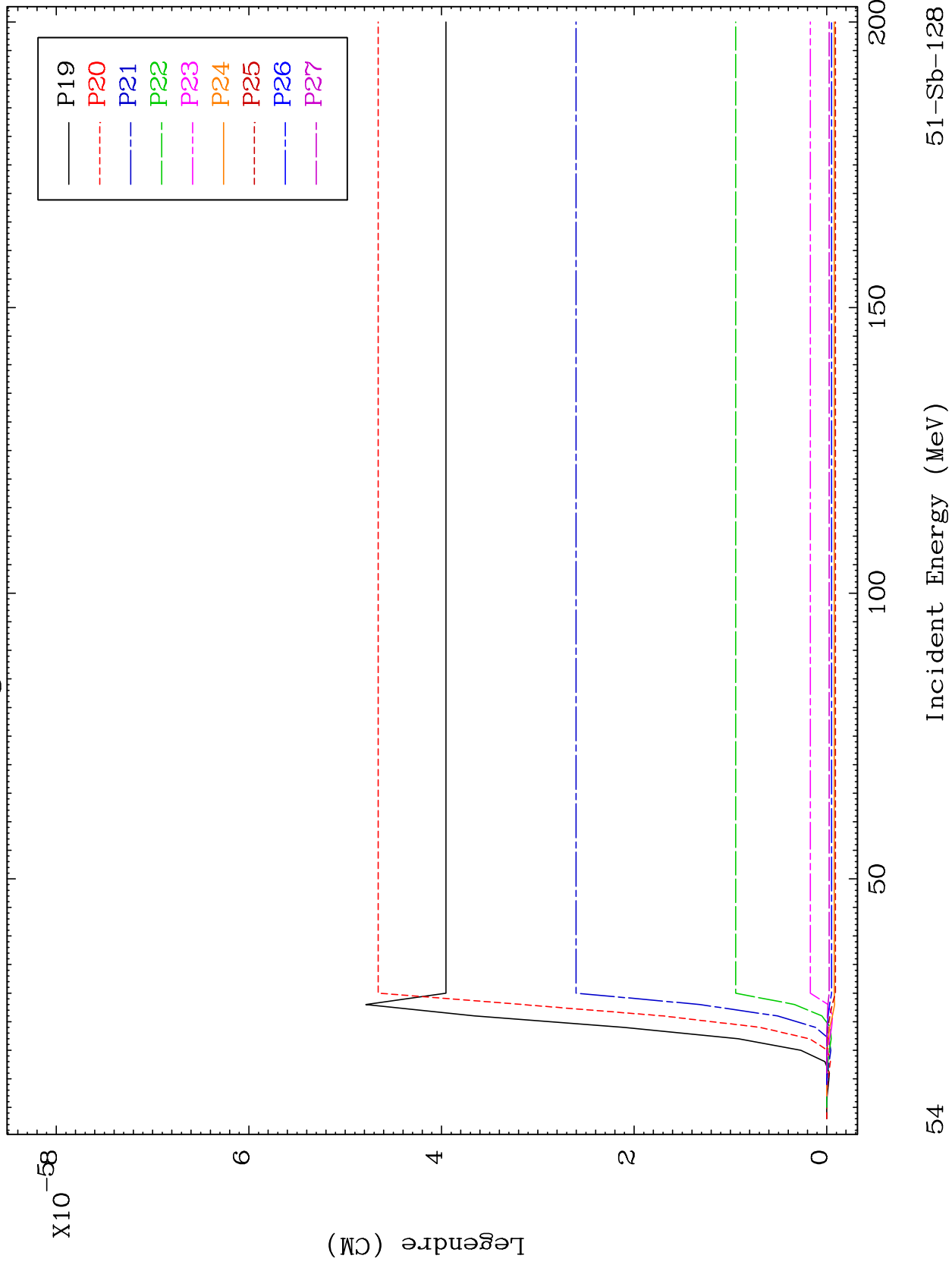
Incident Energy (MeV)

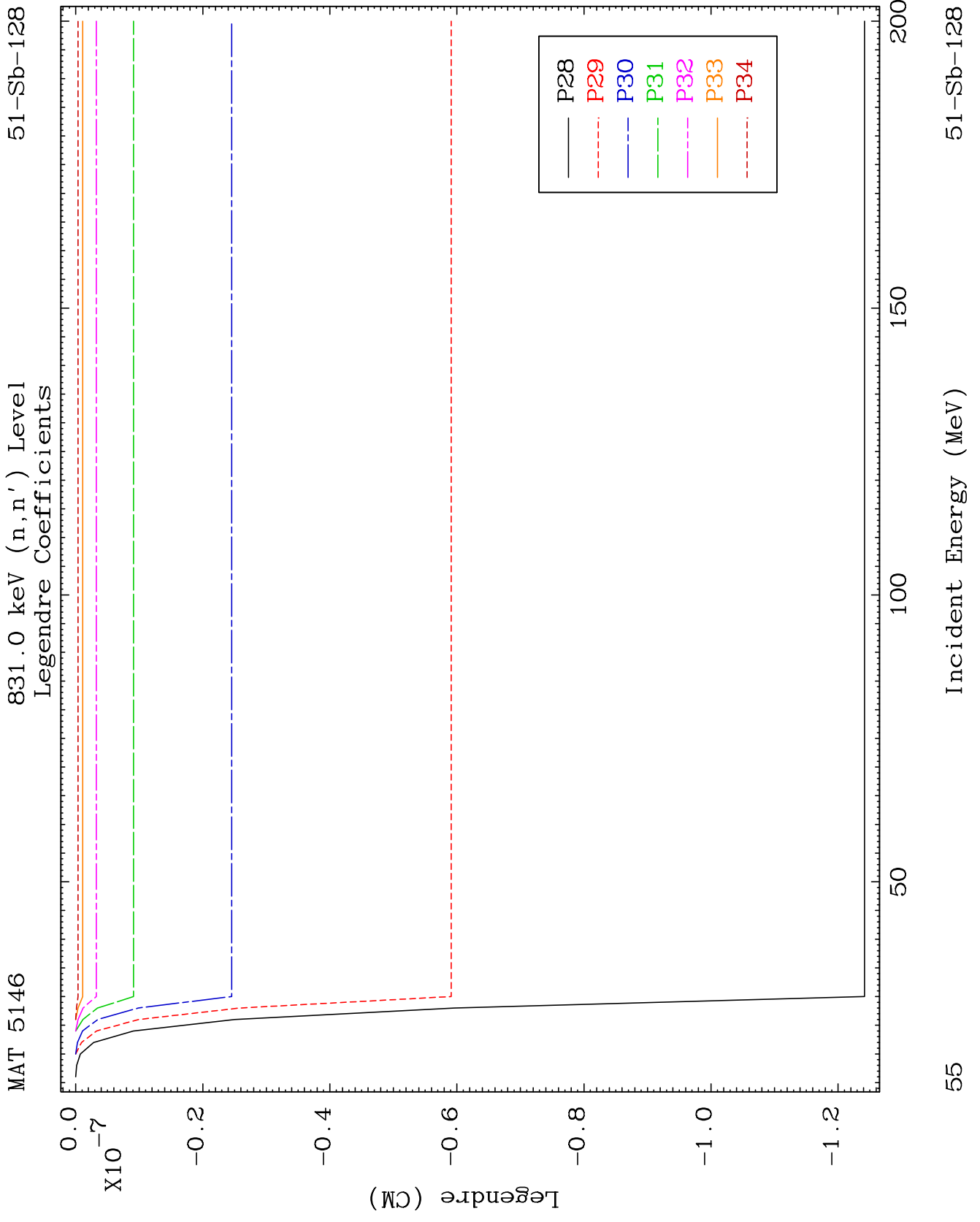
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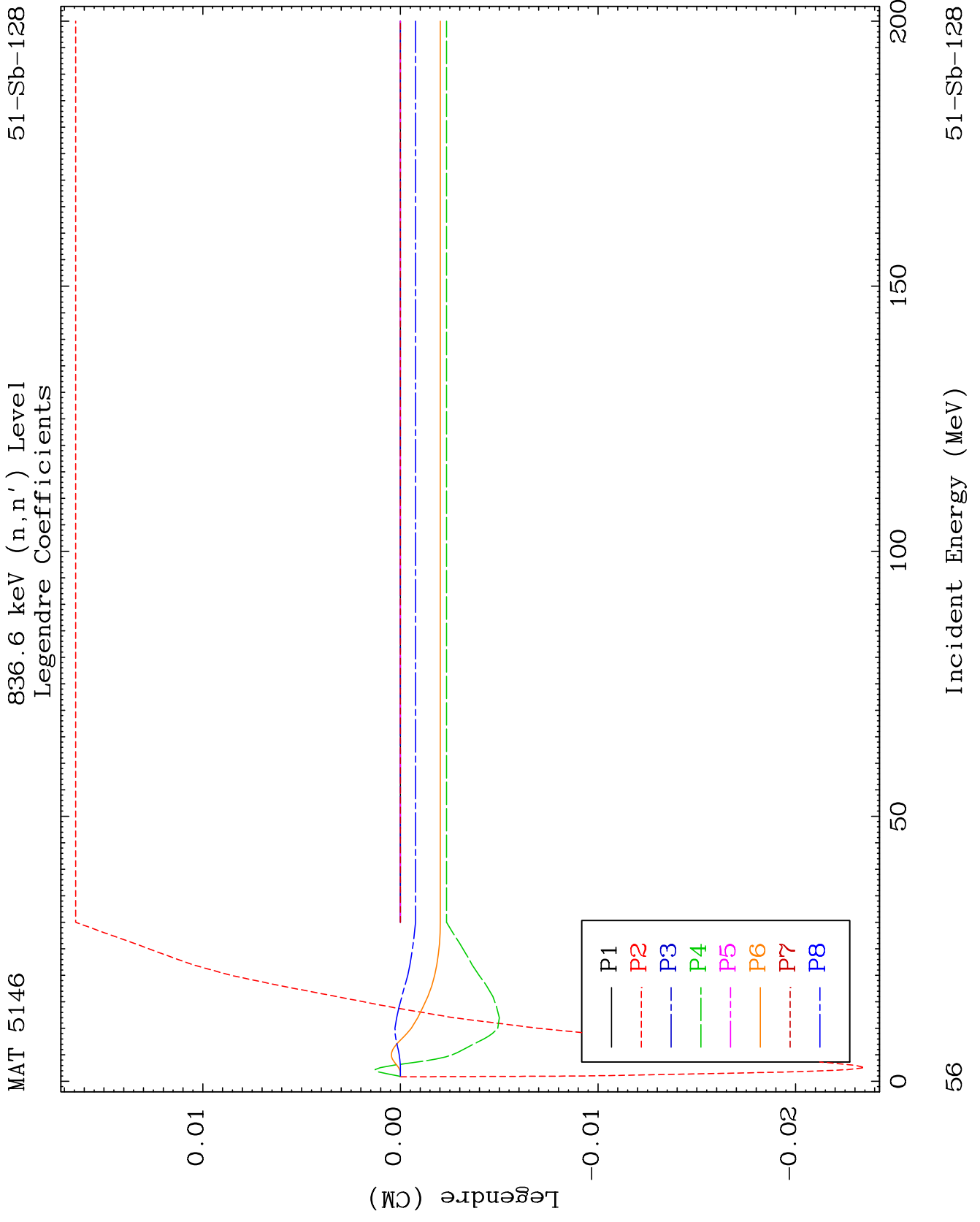
MAT 5146

831.0 keV (n,n') Level
Legendre Coefficients

51-Sb-128



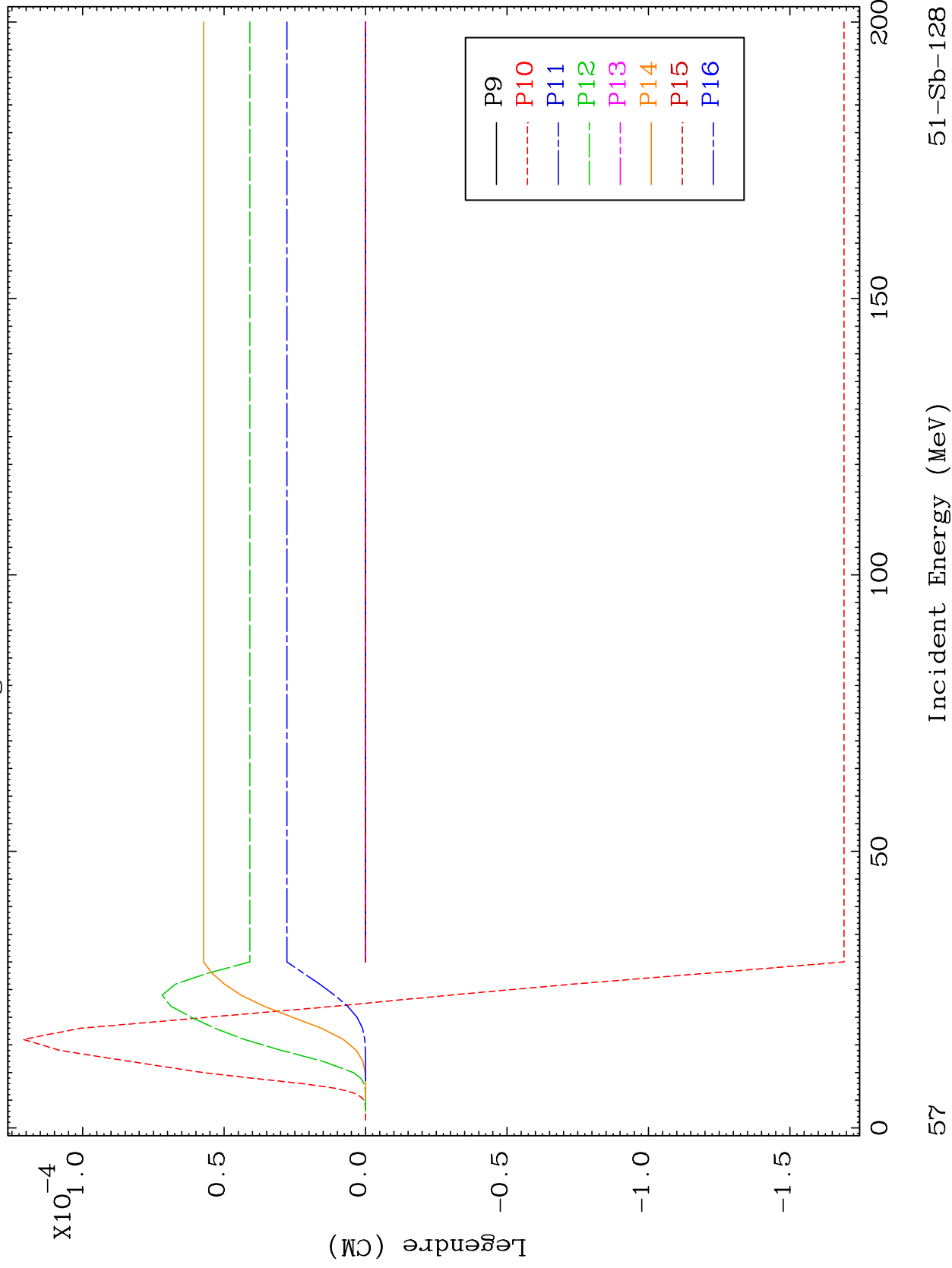




MAT 5146

836.6 keV (n,n') Level
Legendre Coefficients

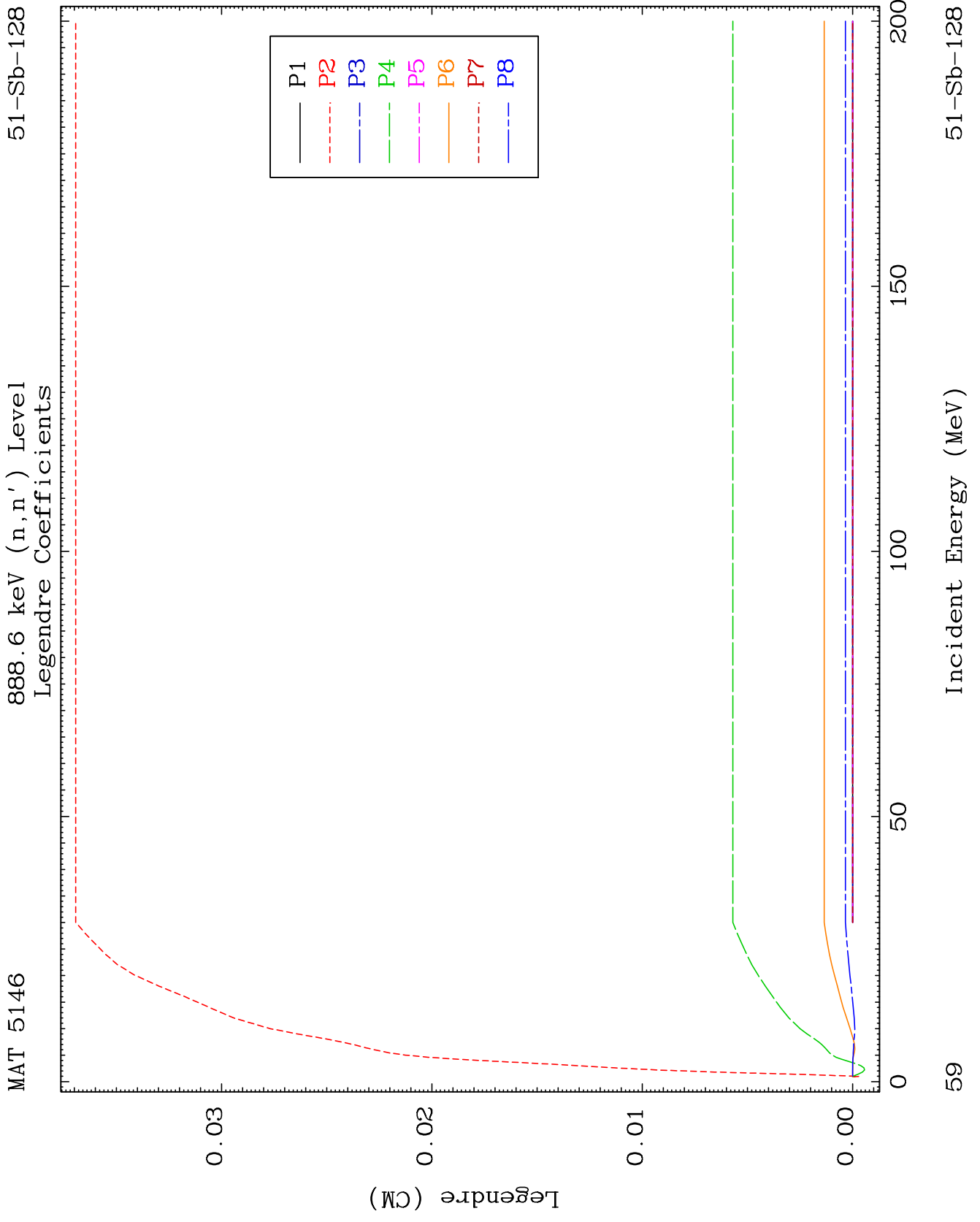
51-Sb-128

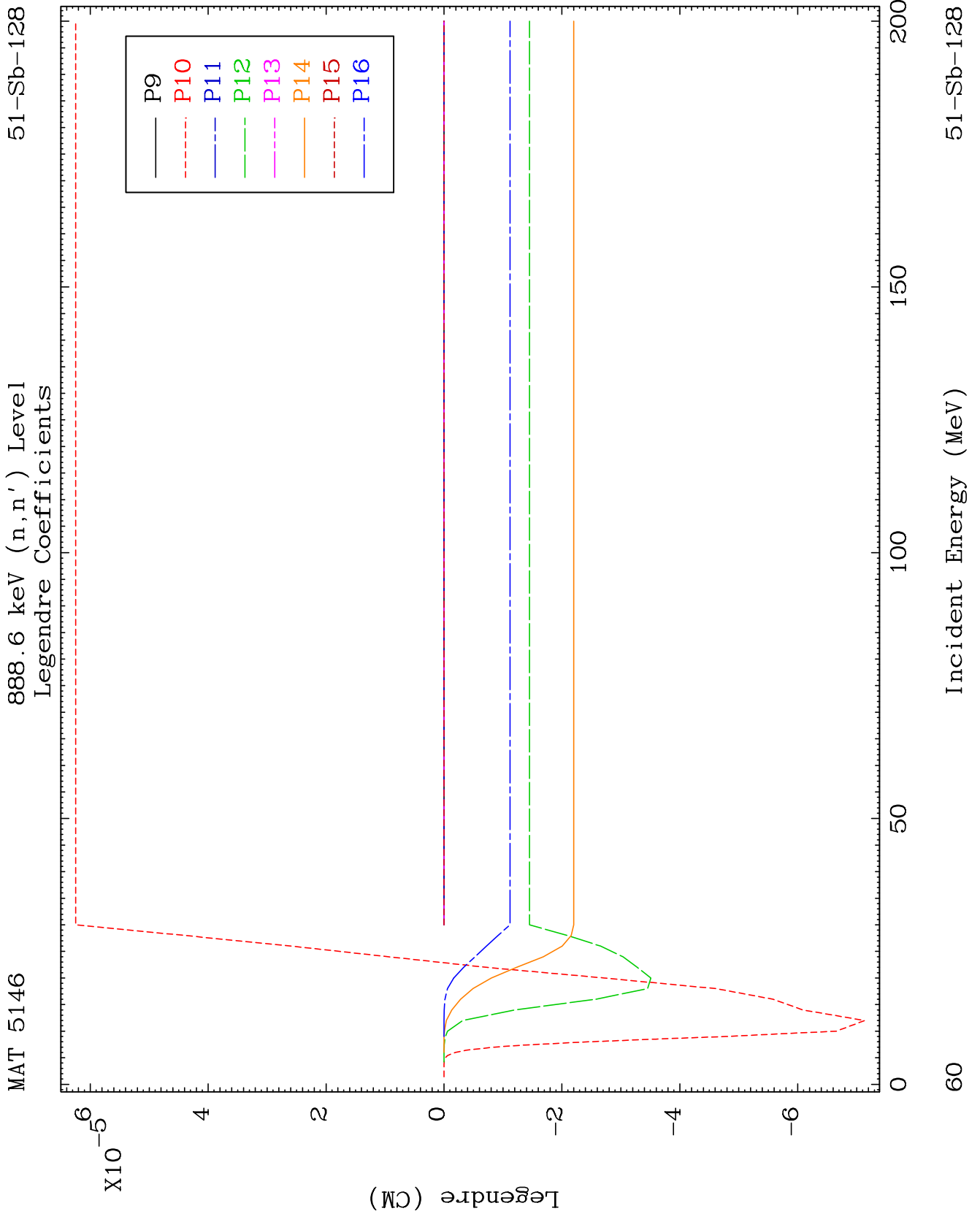


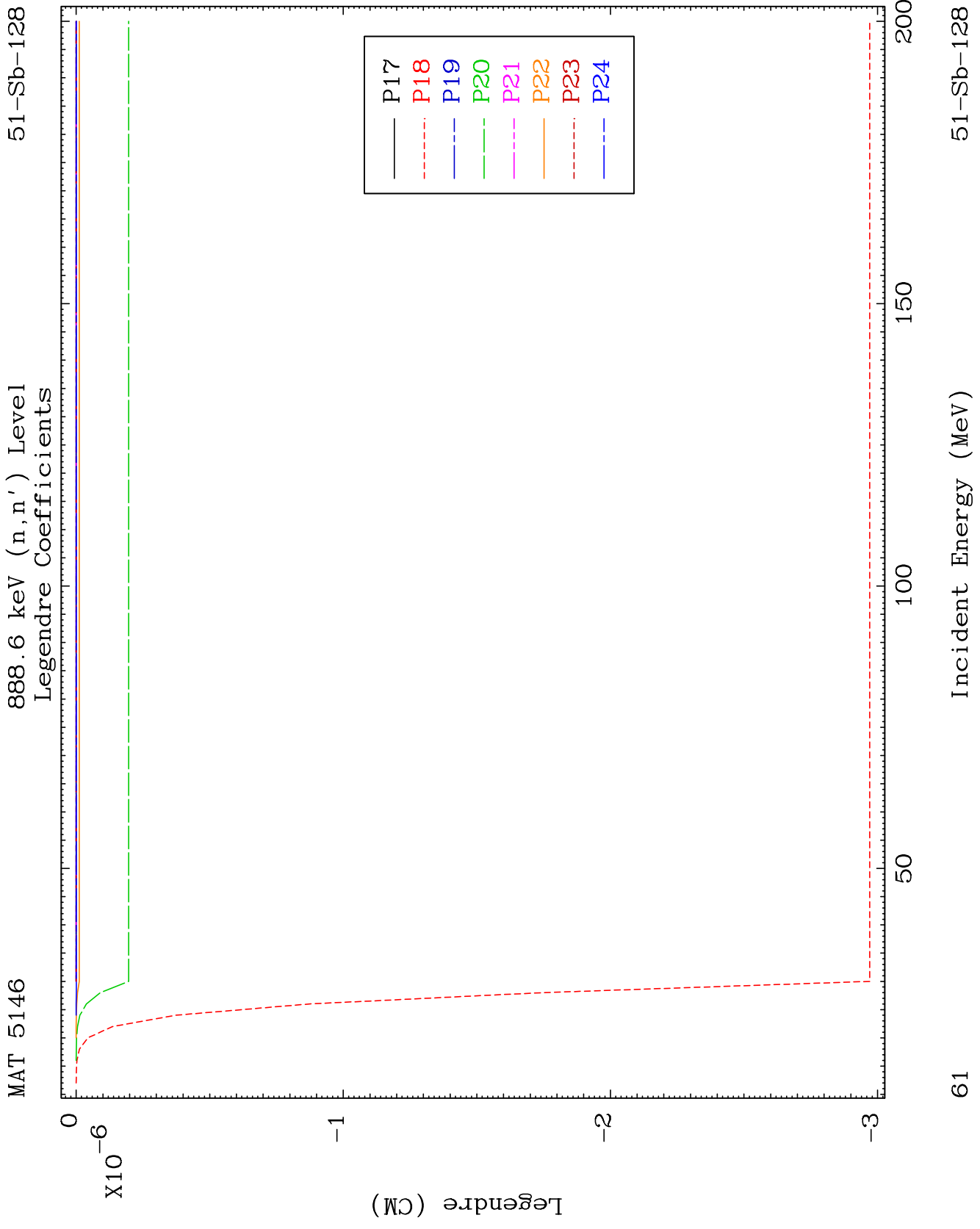
57

Incident Energy (MeV)

51-Sb-128



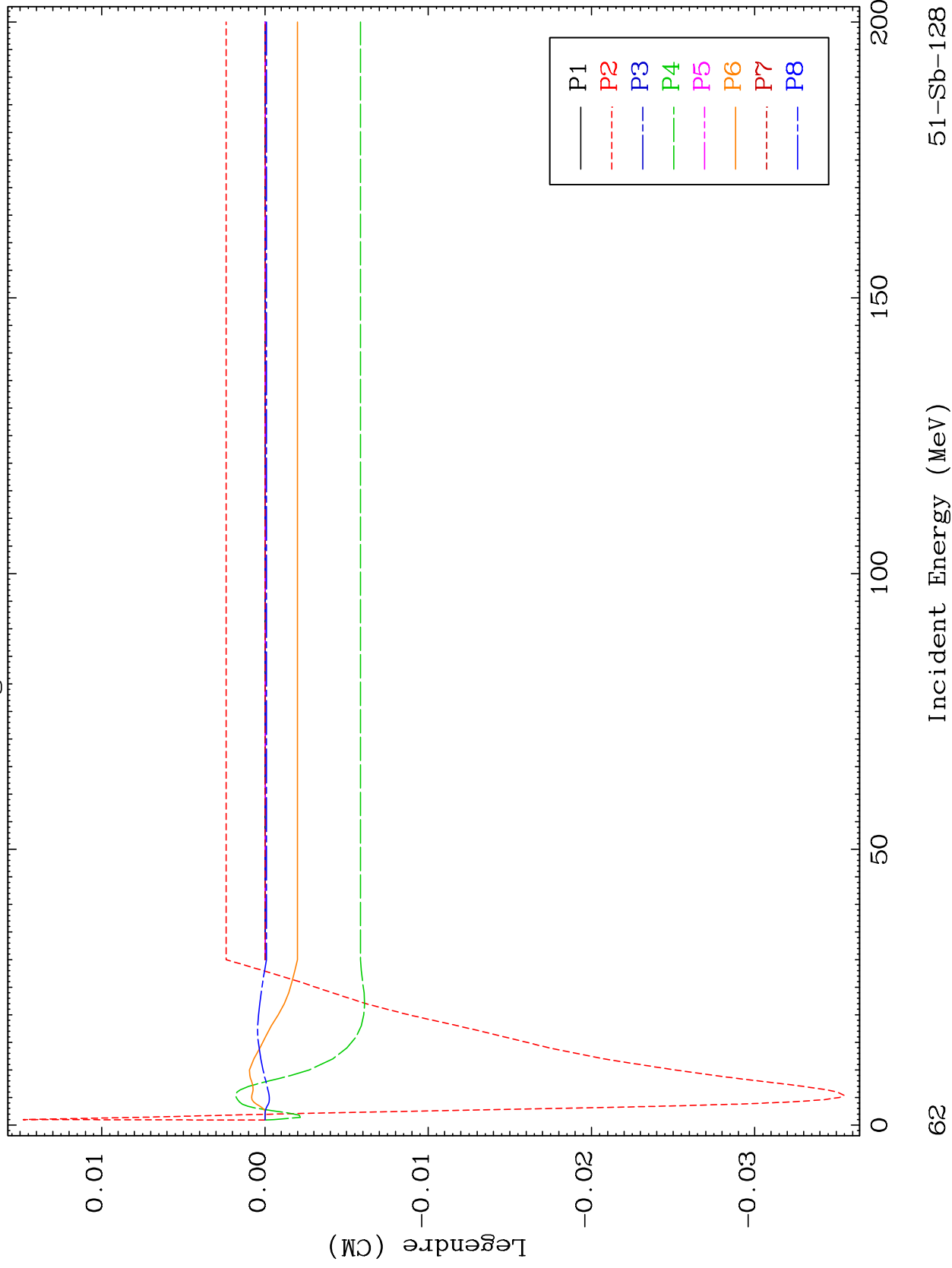




MAT 5146

897.7 keV (n,n') Level
Legendre Coefficients

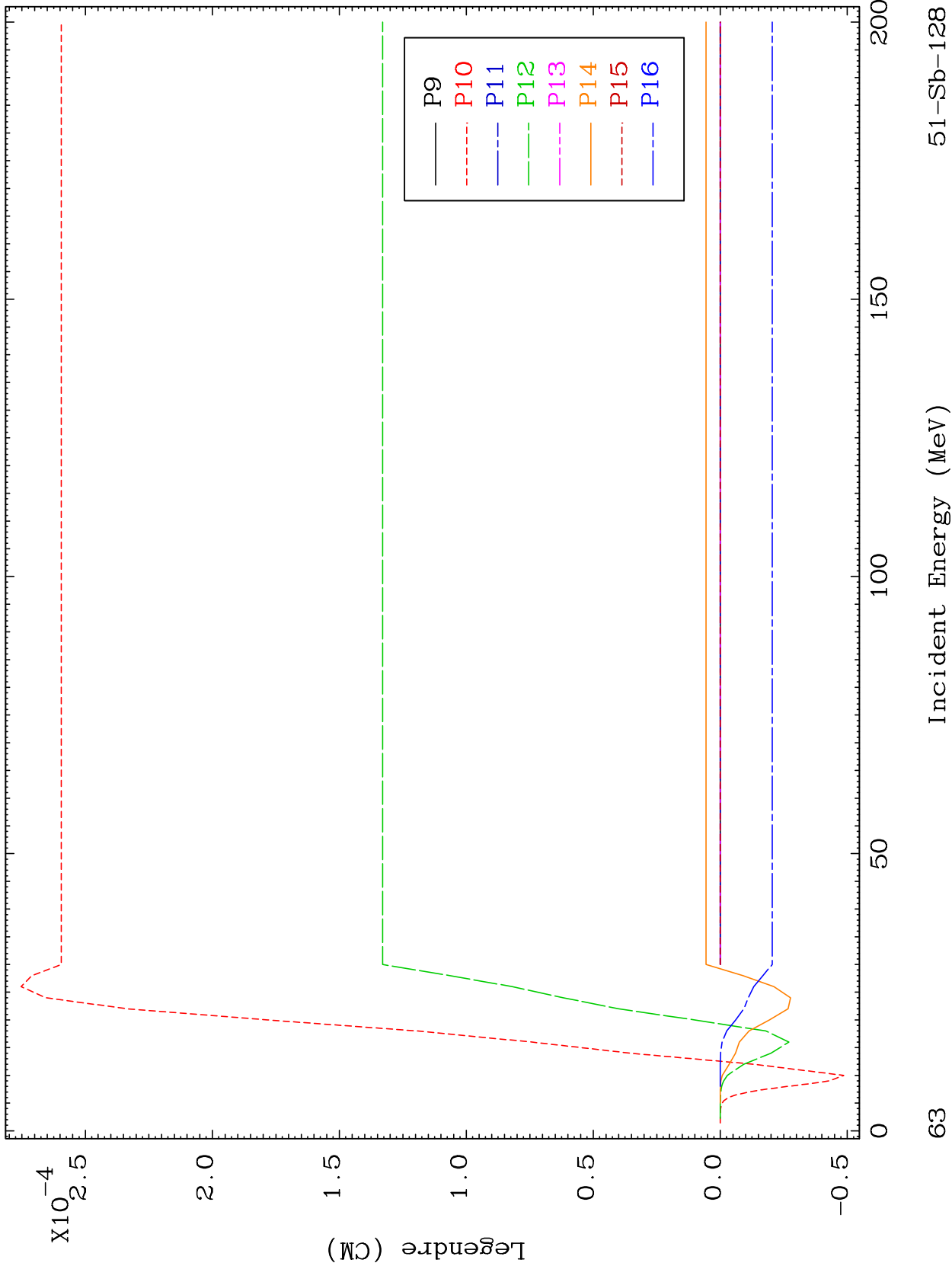
51-Sb-128

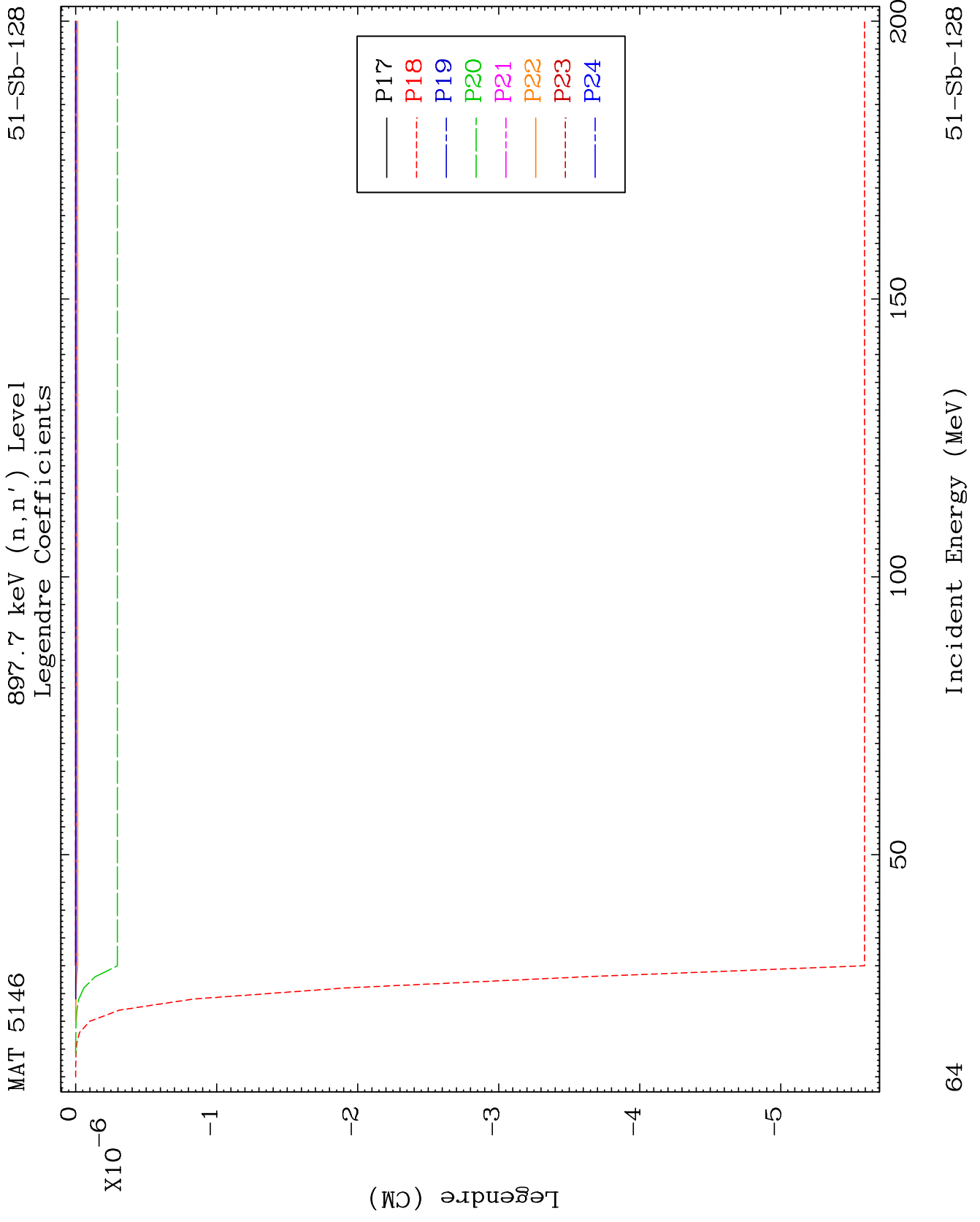


51-Sb-128

Incident Energy (MeV)

62

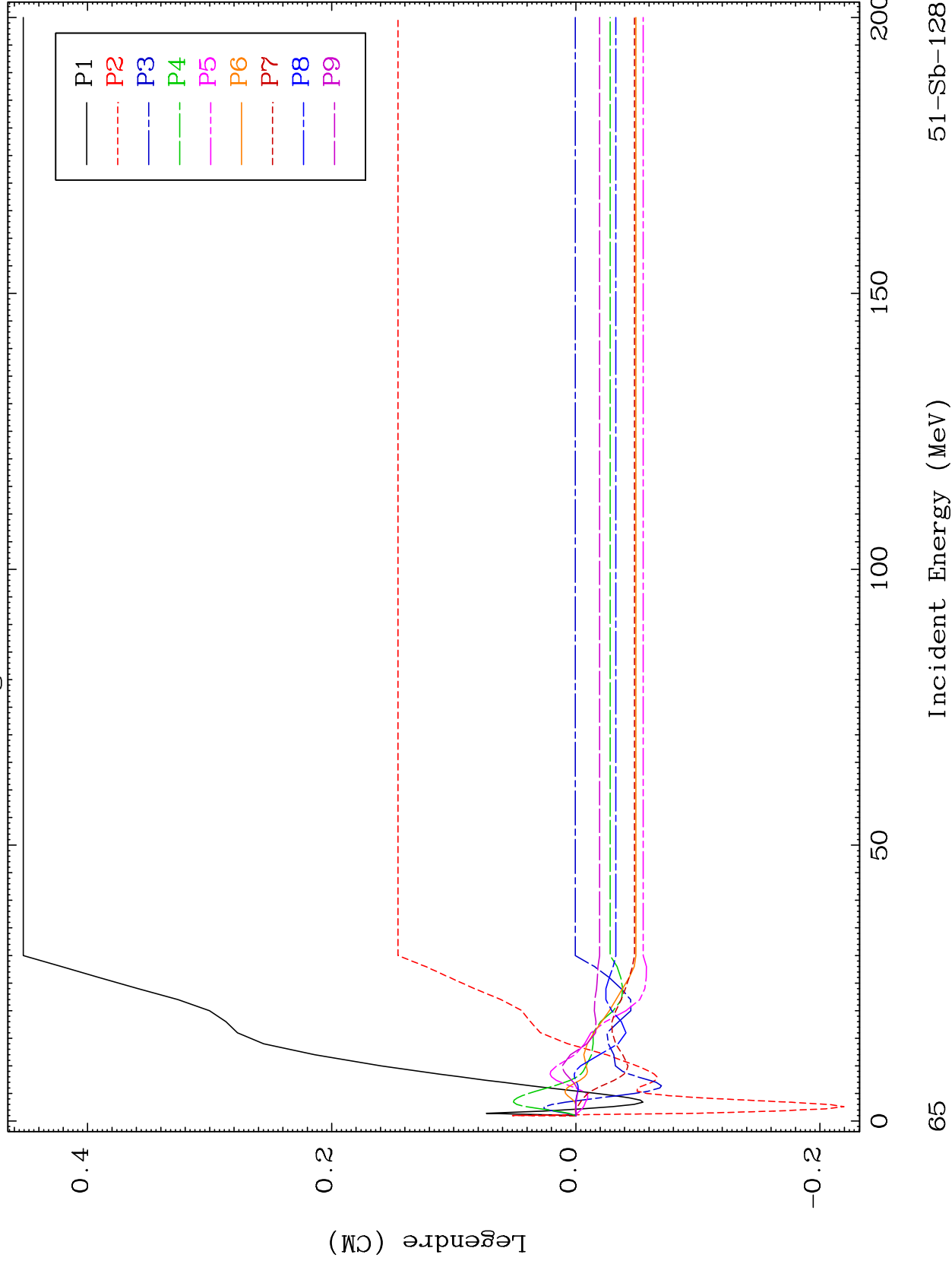




MAT 5146

898.8 keV (n,n') Level
Legendre Coefficients

51-Sb-128



51-Sb-128

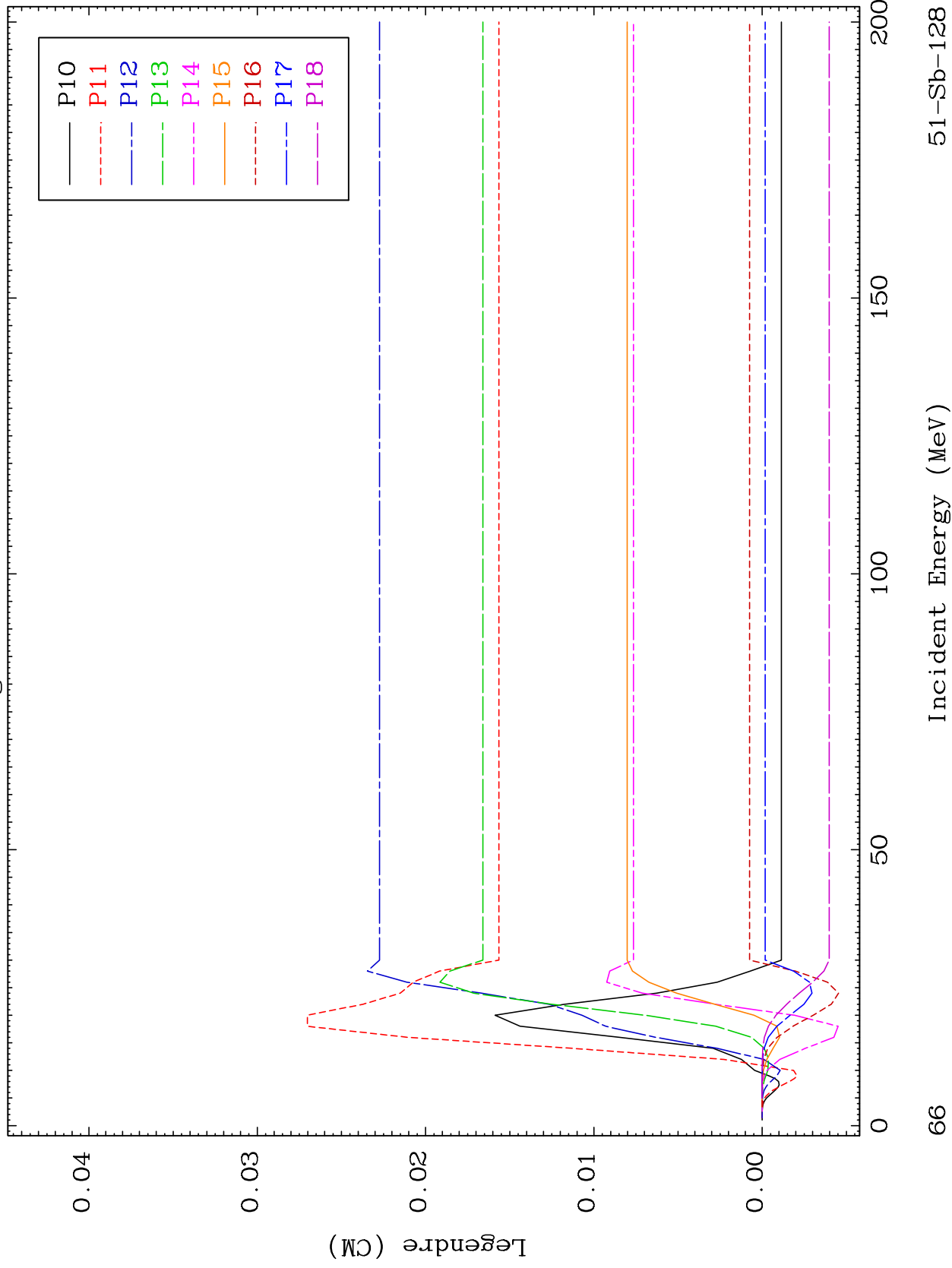
Incident Energy (MeV)

65

MAT 5146

898.8 keV (n,n') Level
Legendre Coefficients

51-Sb-128



66

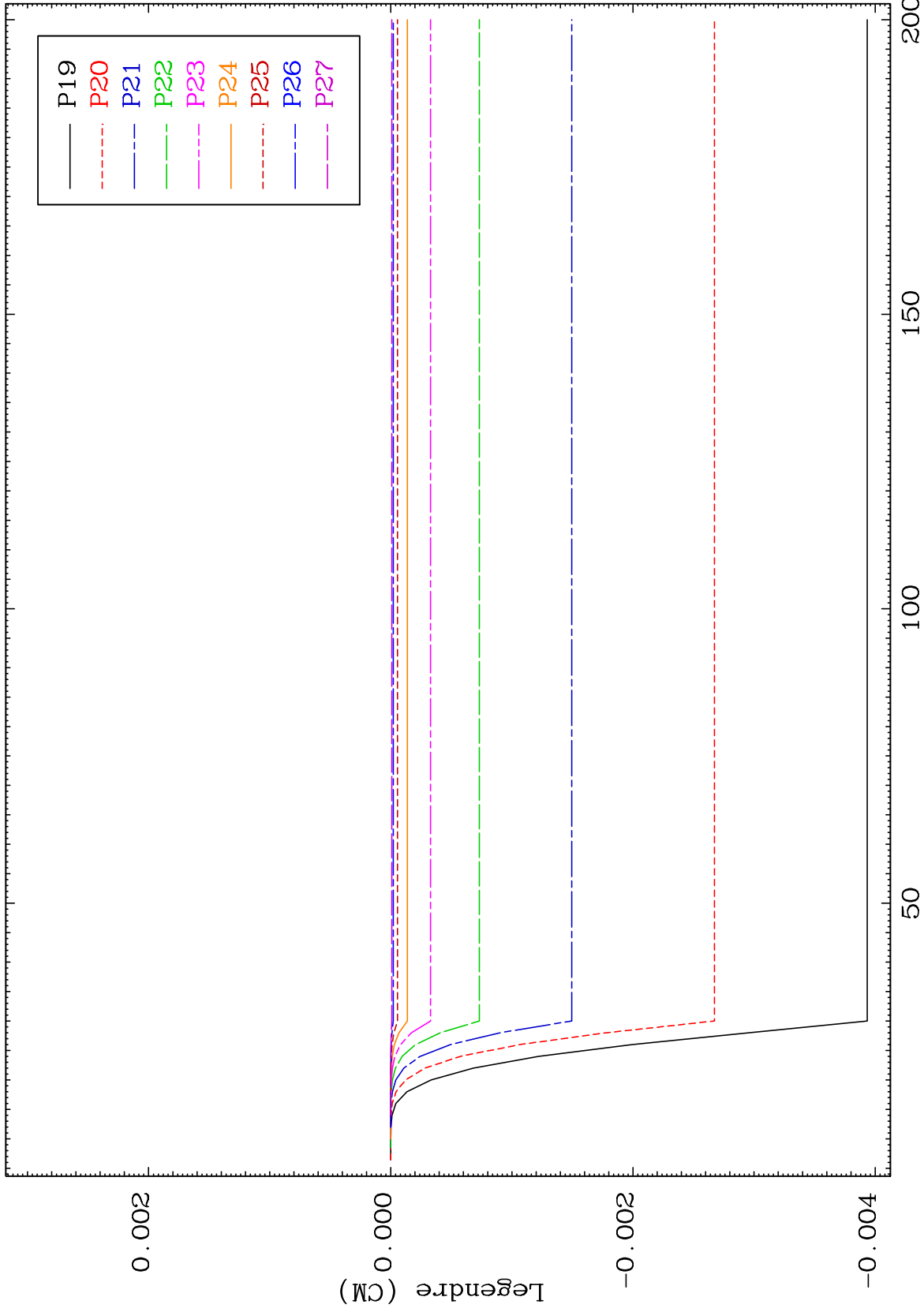
Incident Energy (MeV)

51-Sb-128

MAT 5146

898.8 keV (n,n') Level
Legendre Coefficients

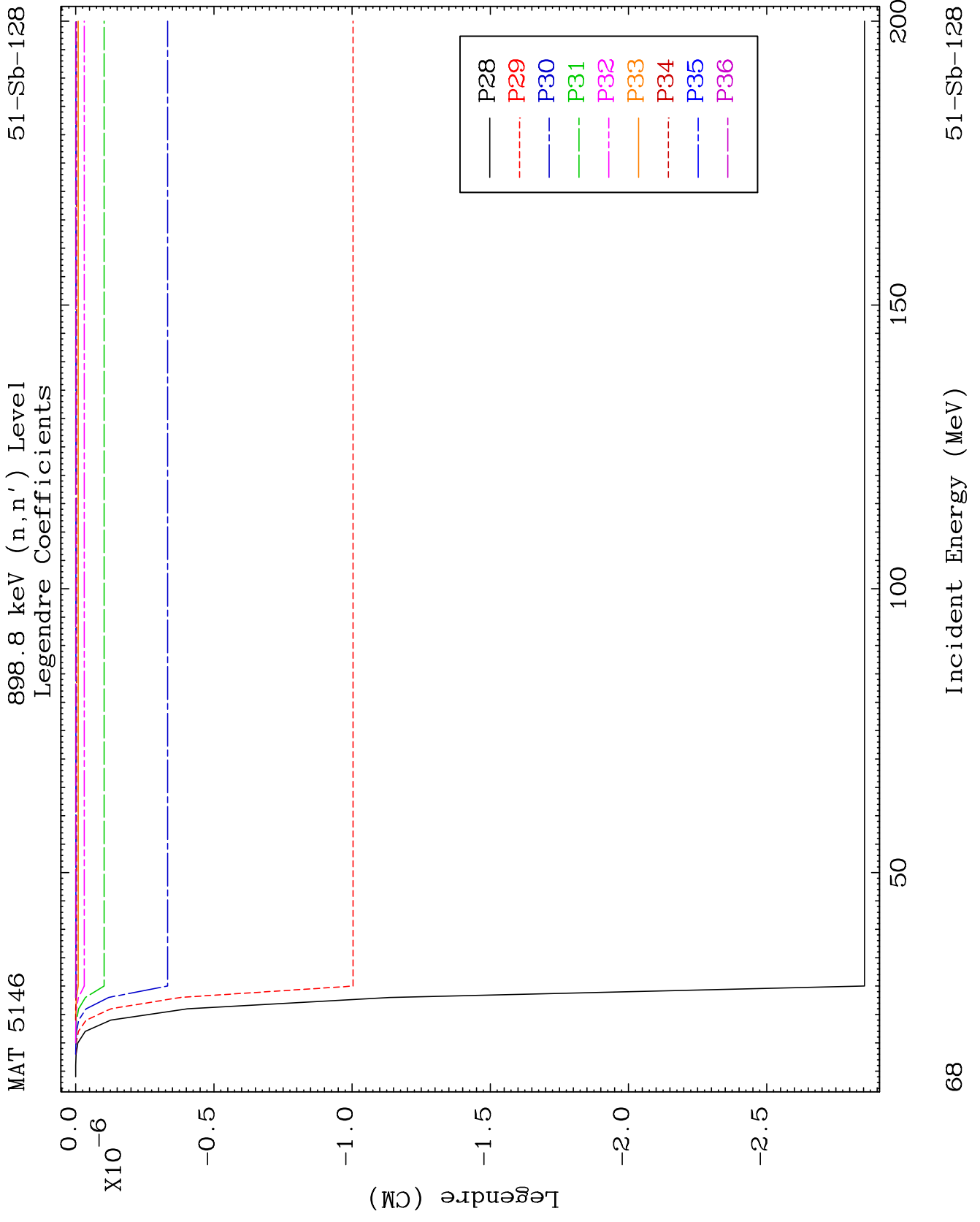
51-Sb-128



67

Incident Energy (MeV)

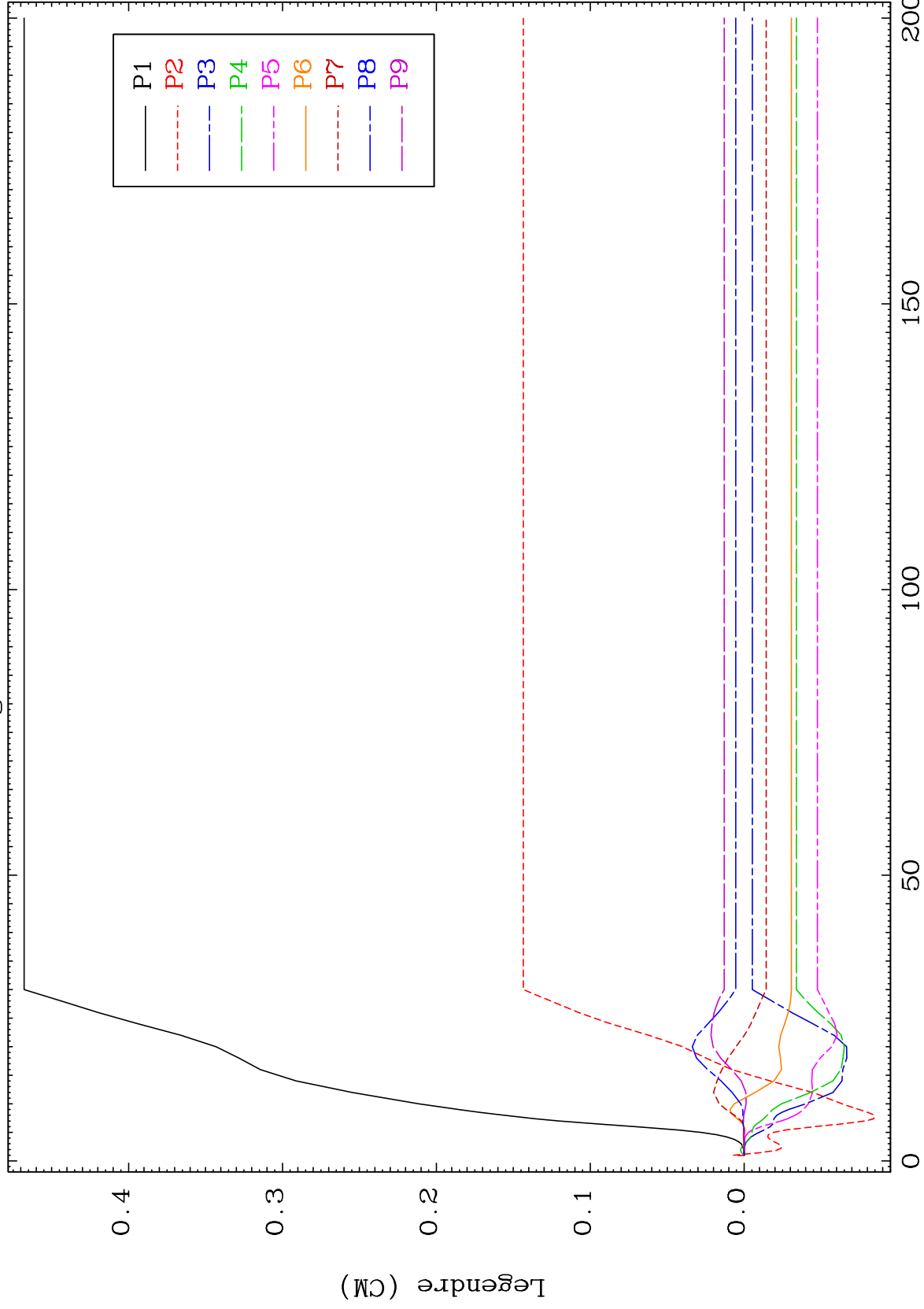
51-Sb-128



MAT 5146

904.7 keV (n,n') Level
Legendre Coefficients

51-Sb-128



69

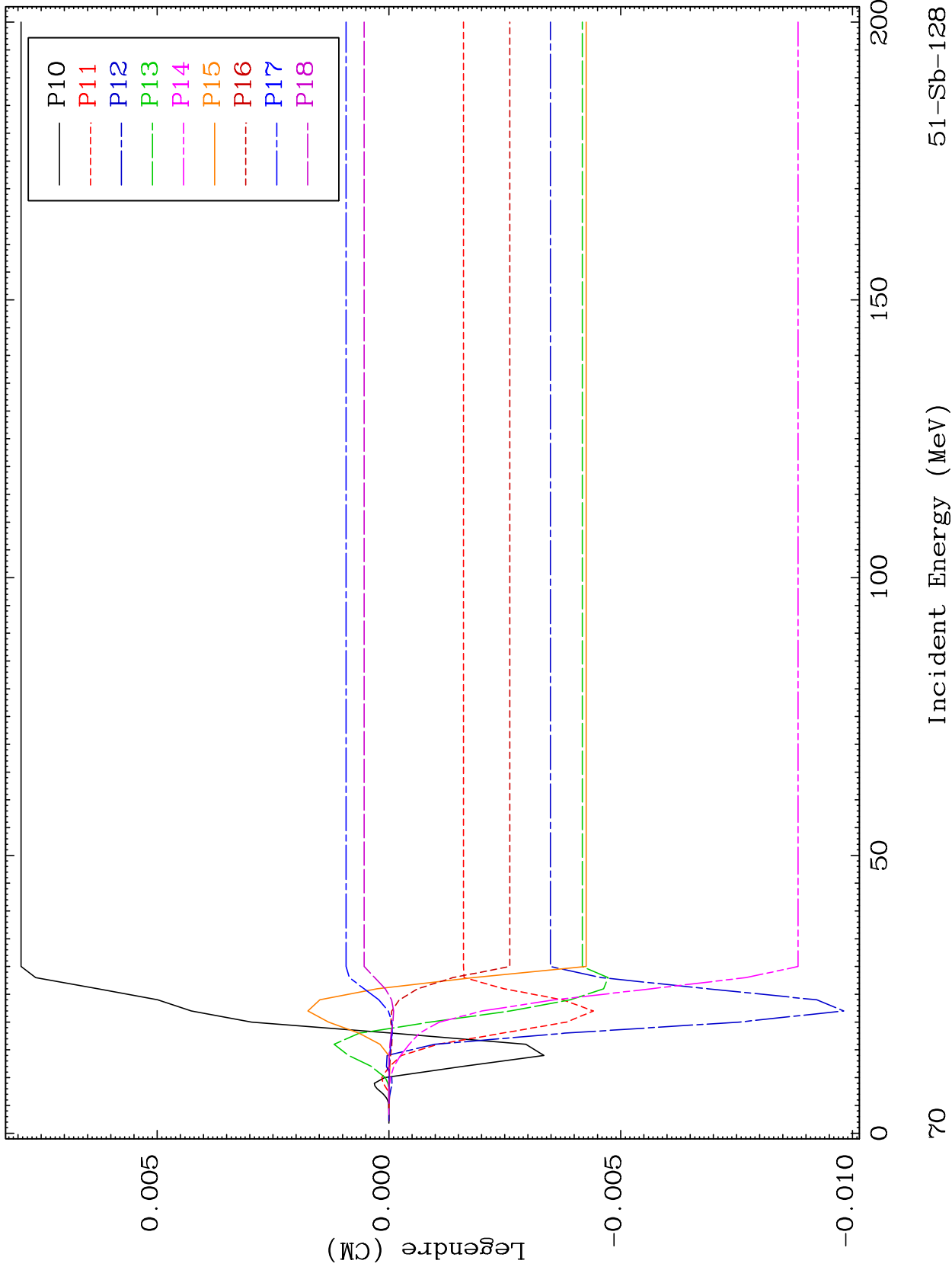
Incident Energy (MeV)

51-Sb-128

MAT 5146

904.7 keV (n,n') Level
Legendre Coefficients

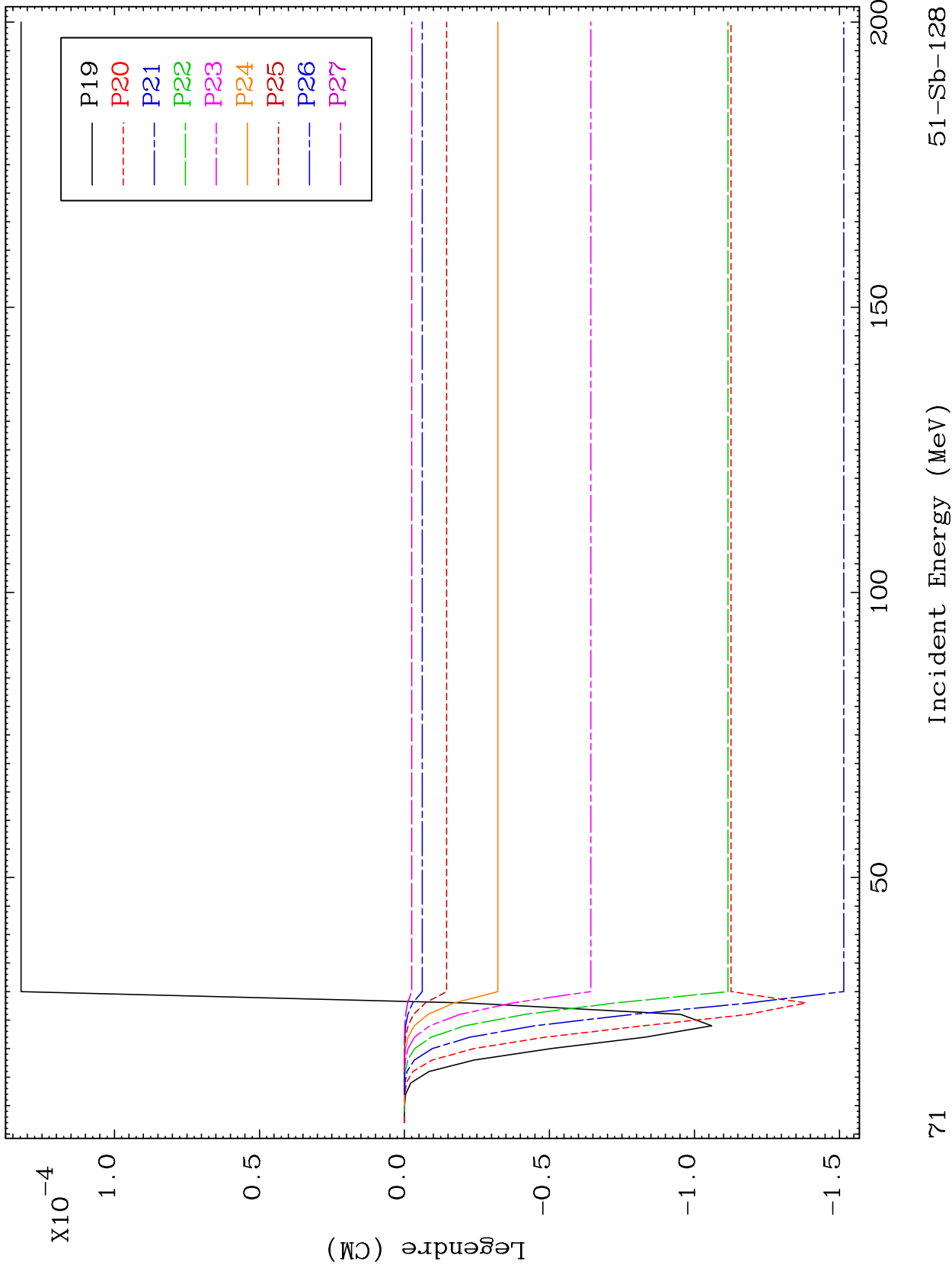
51-Sb-128

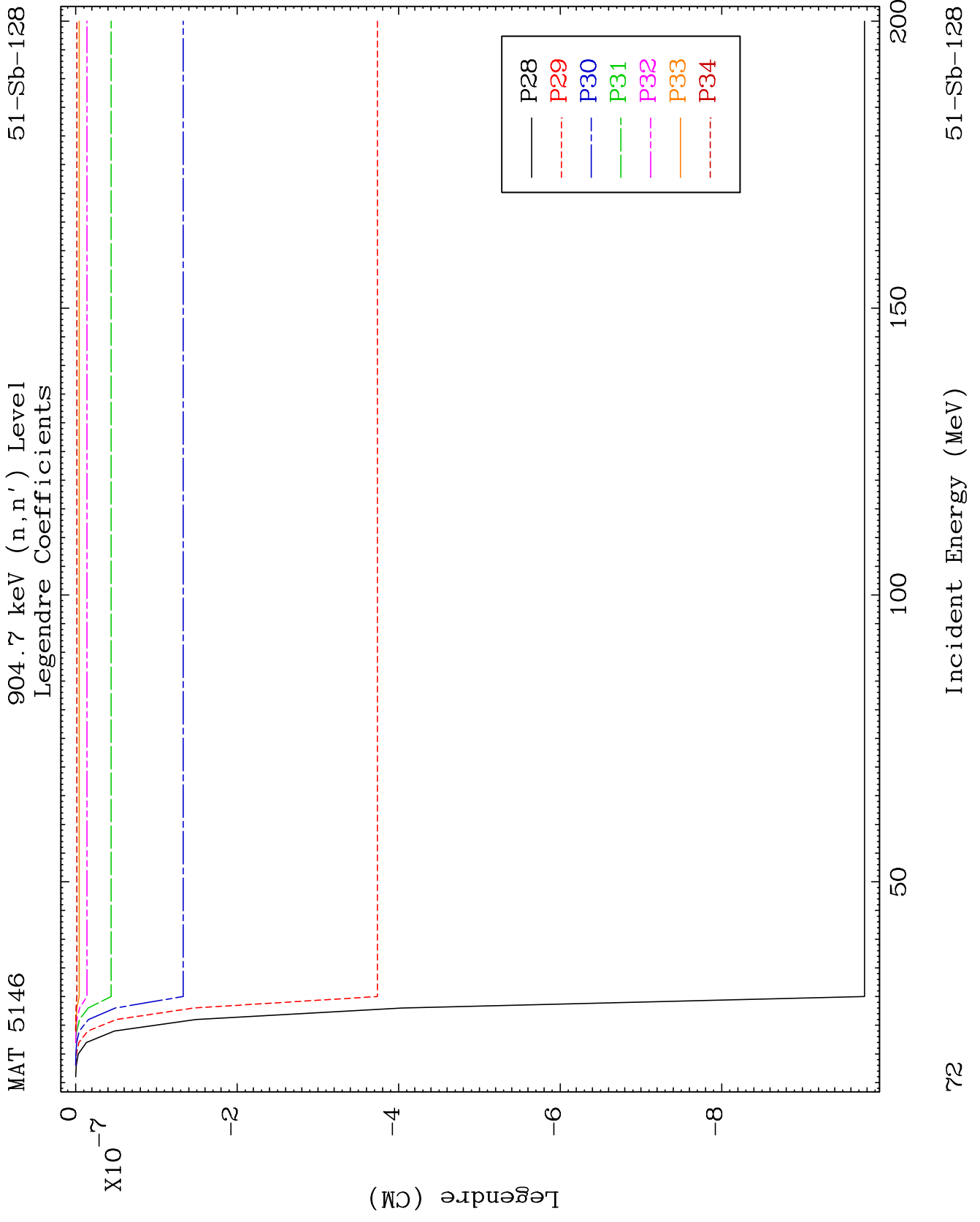


51-Sb-128

Incident Energy (MeV)

70

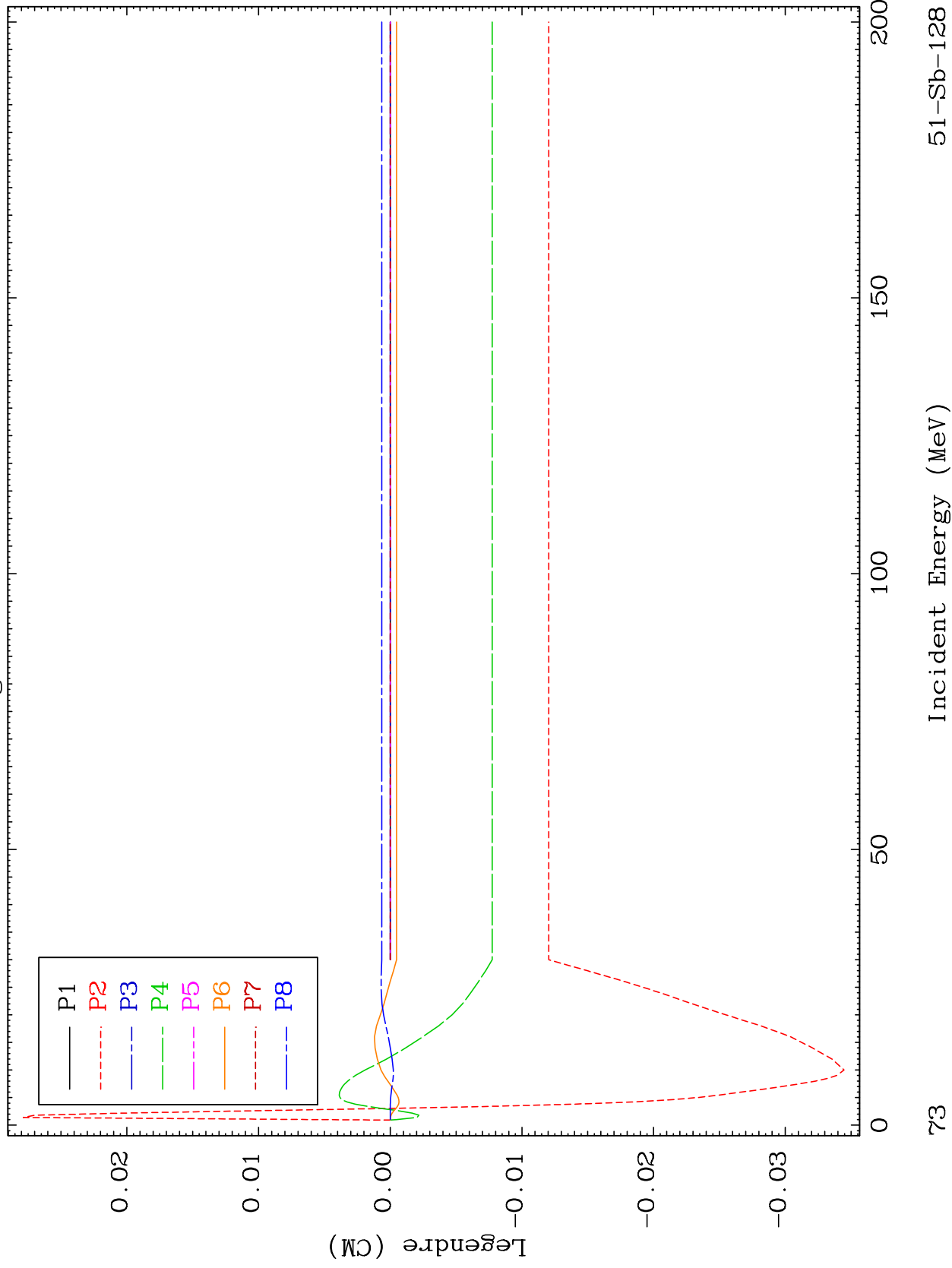




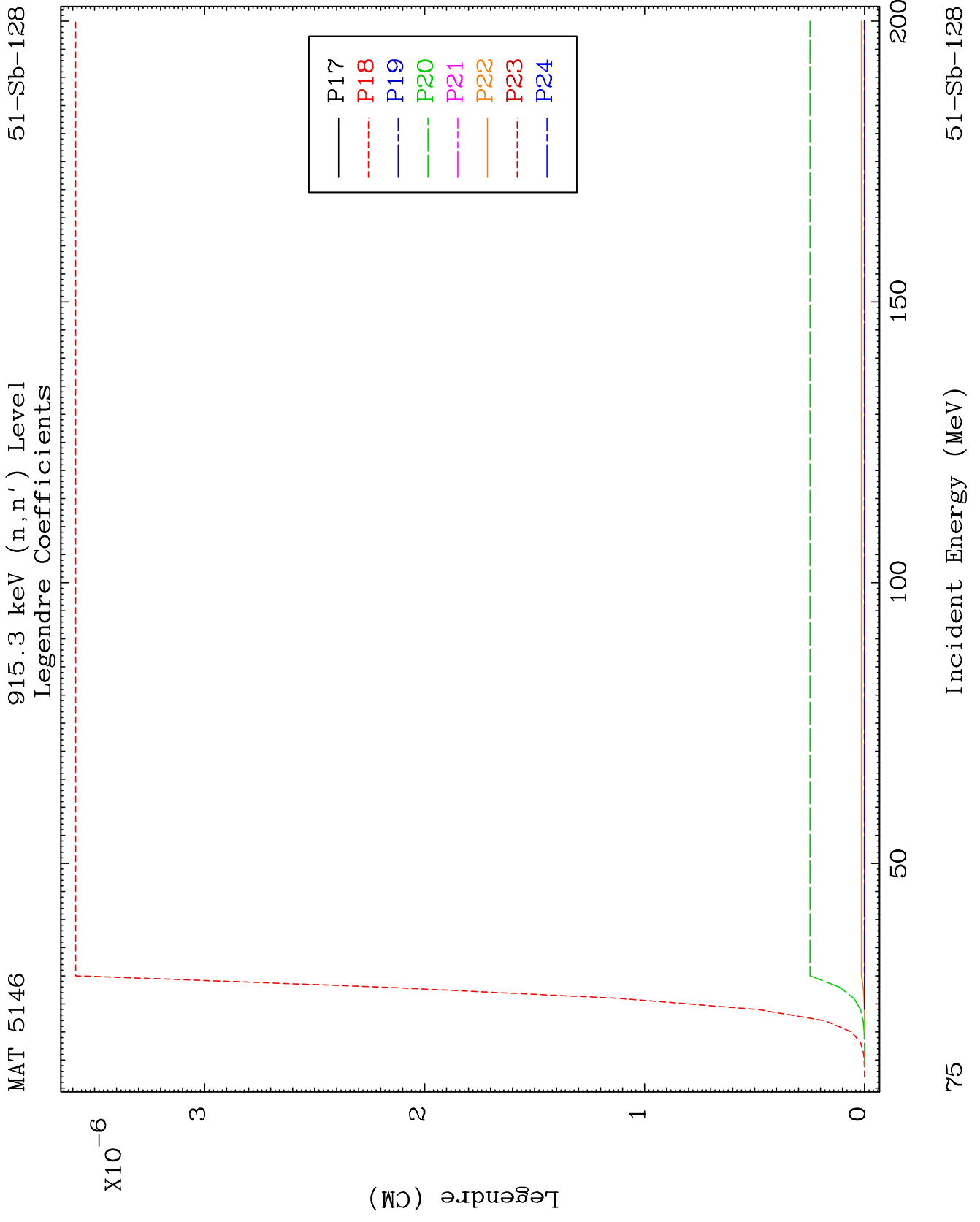
MAT 5146

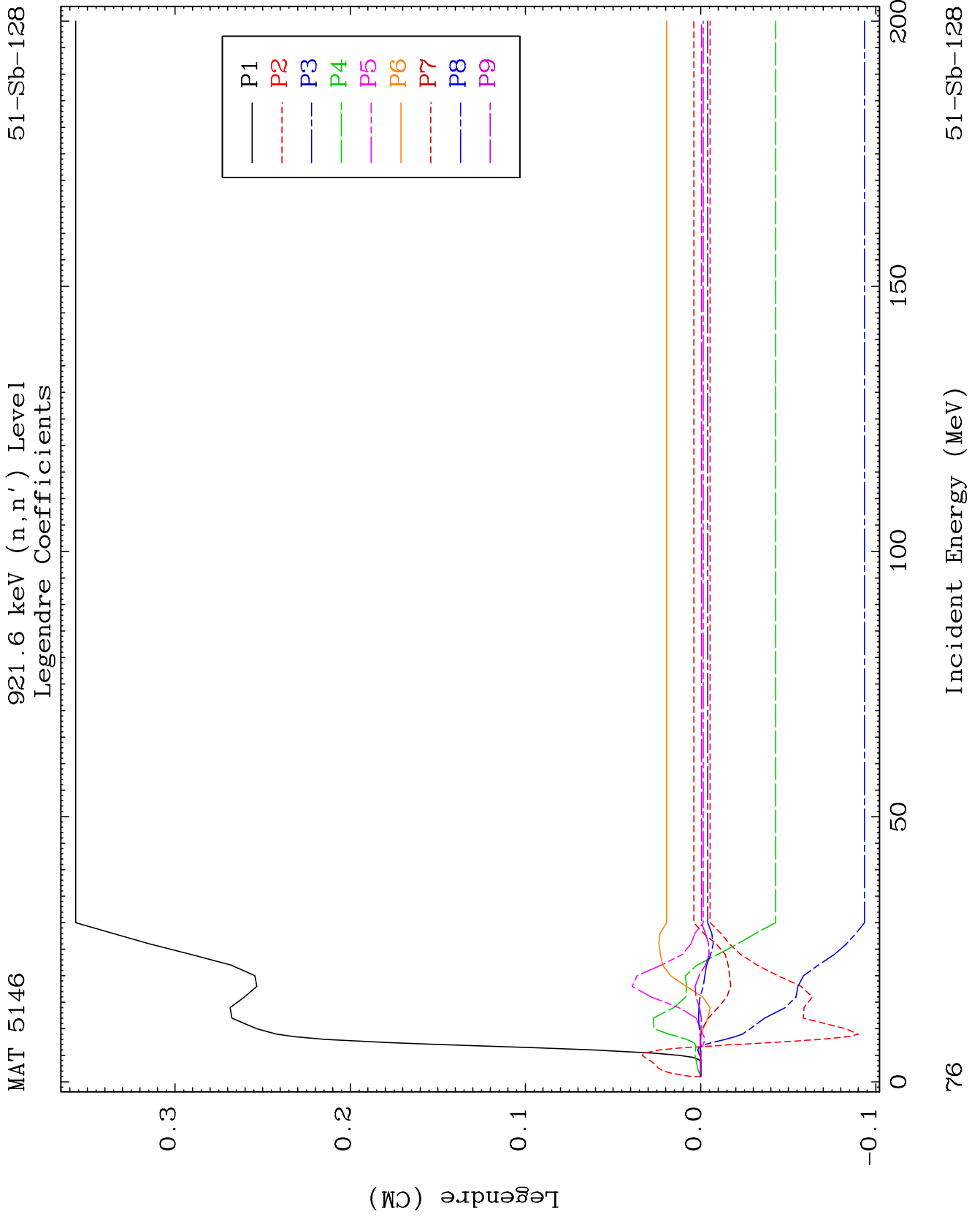
915.3 keV (n,n') Level
Legendre Coefficients

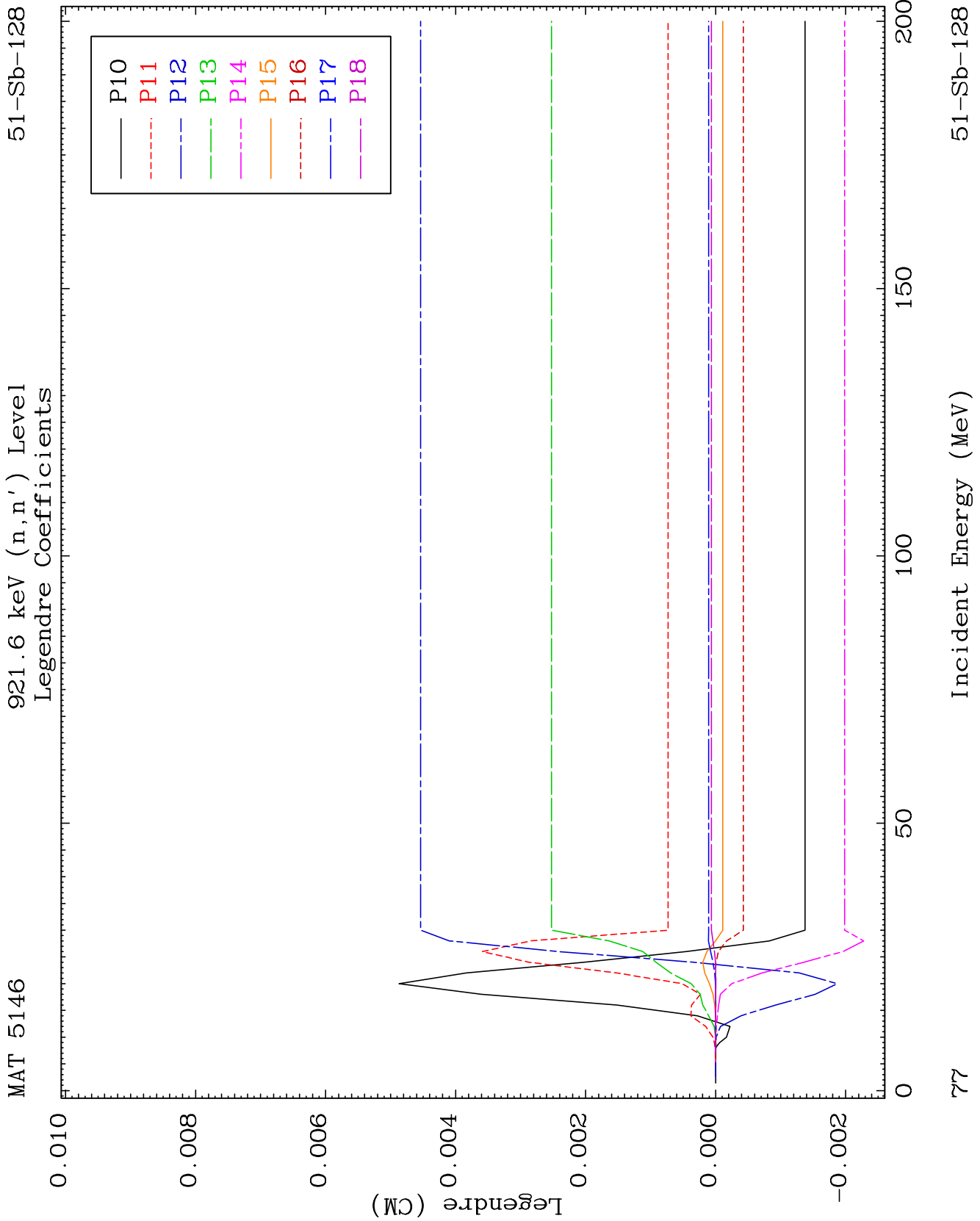
51-Sb-128



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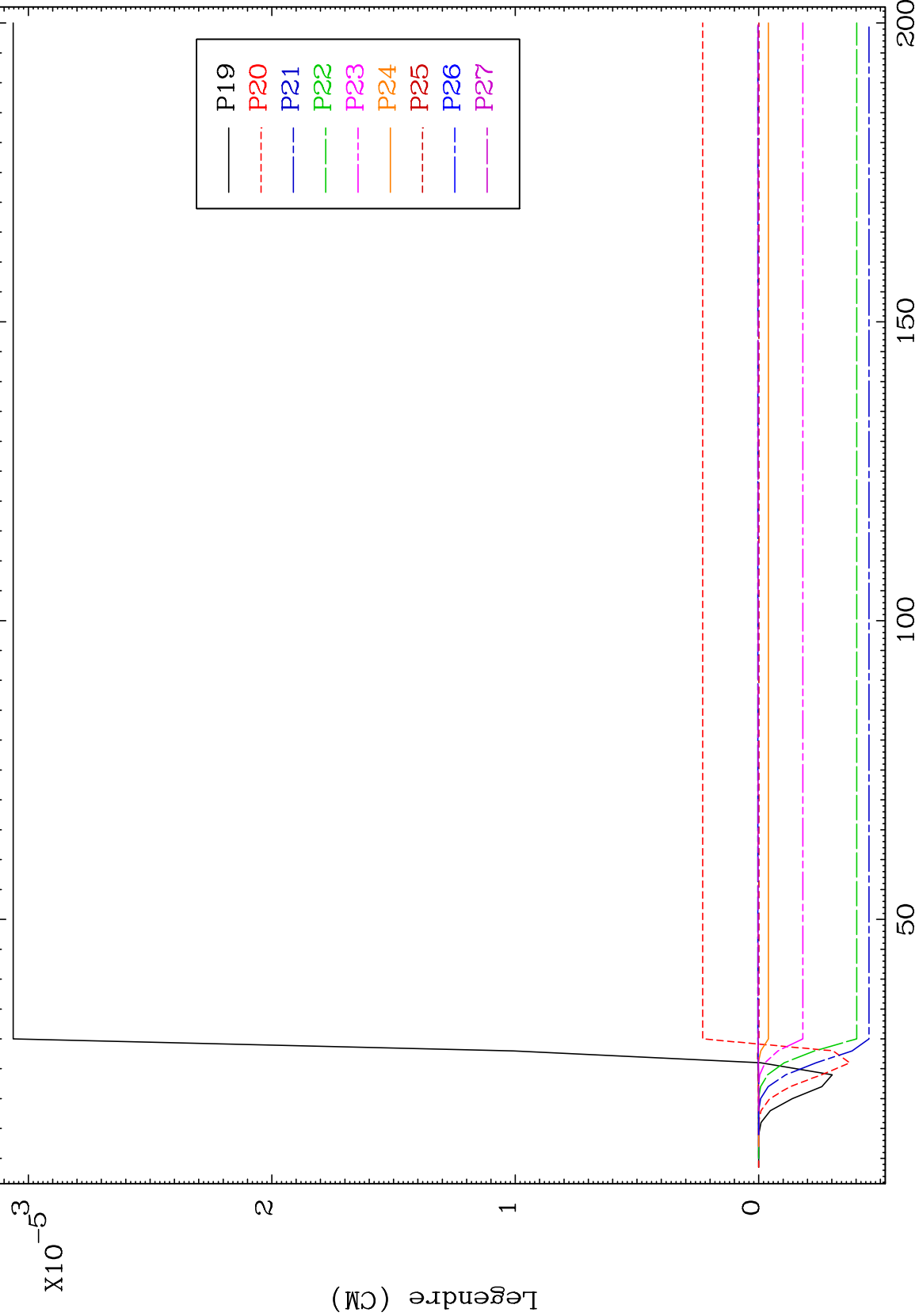




MAT 5146

921.6 keV (n,n') Level
Legendre Coefficients

51-Sb-128

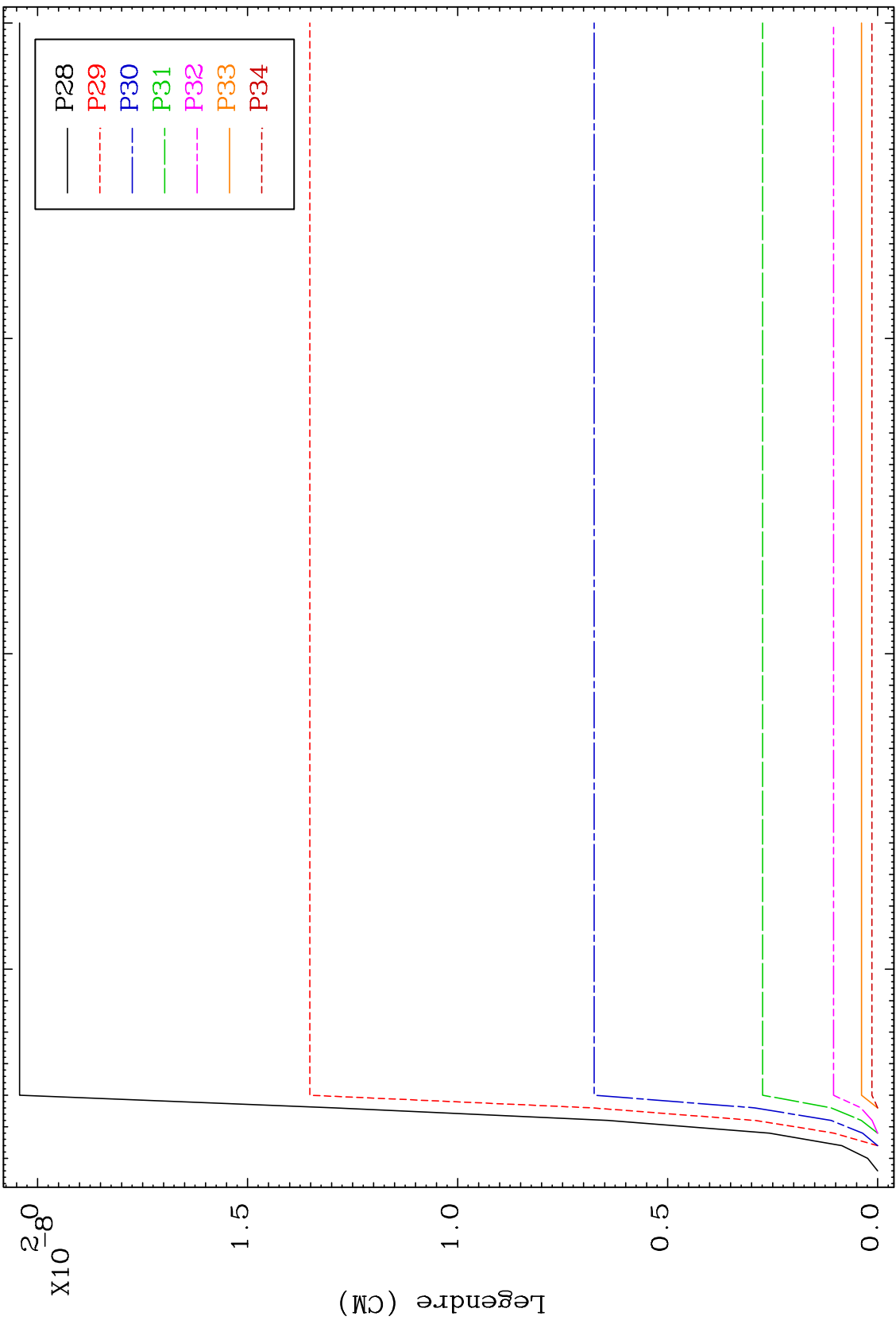


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Incident Energy (MeV)

51-Sb-128

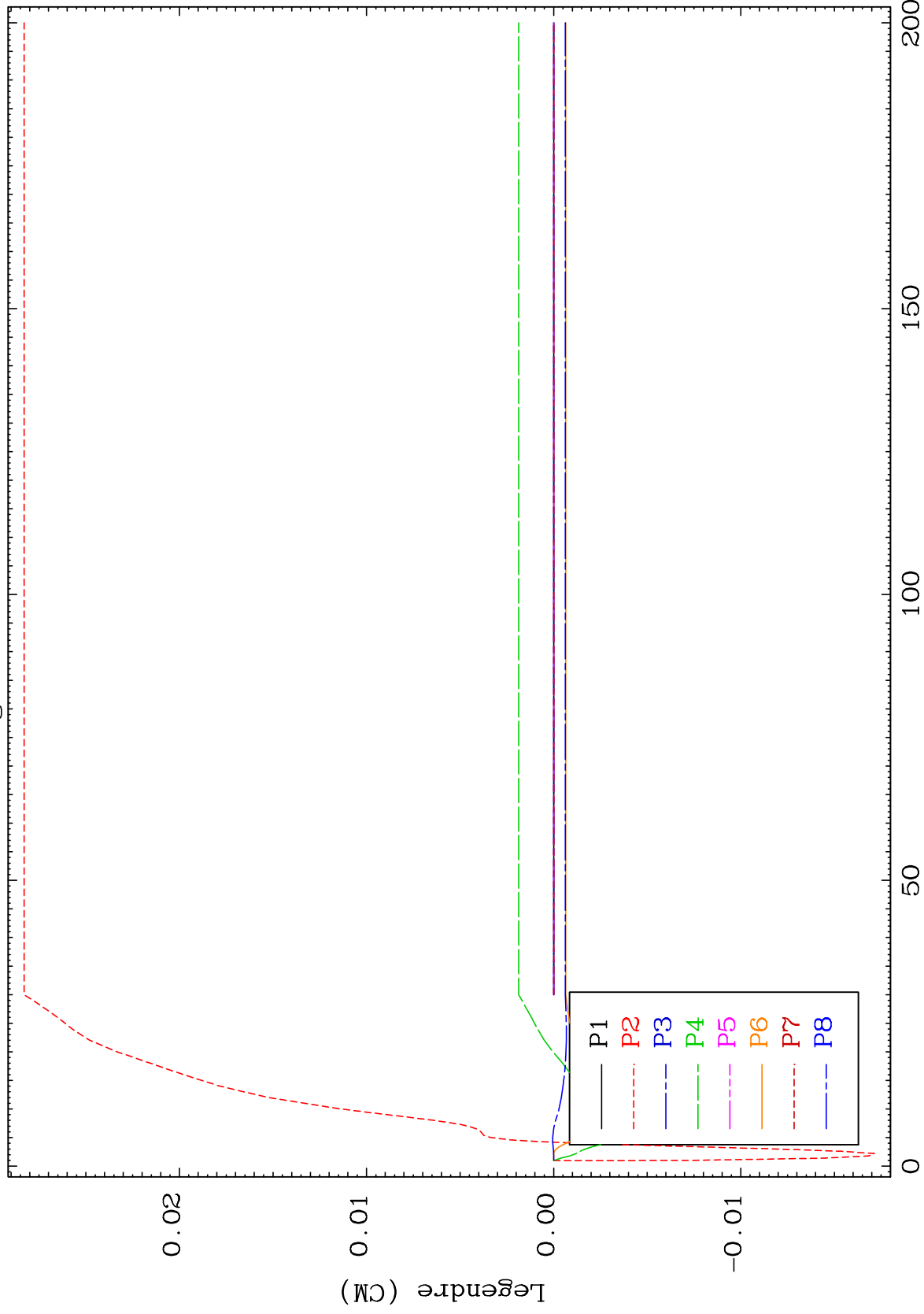
Legendre Coefficients



MAT 5146

943.4 keV (n,n') Level
Legendre Coefficients

51-Sb-128



80

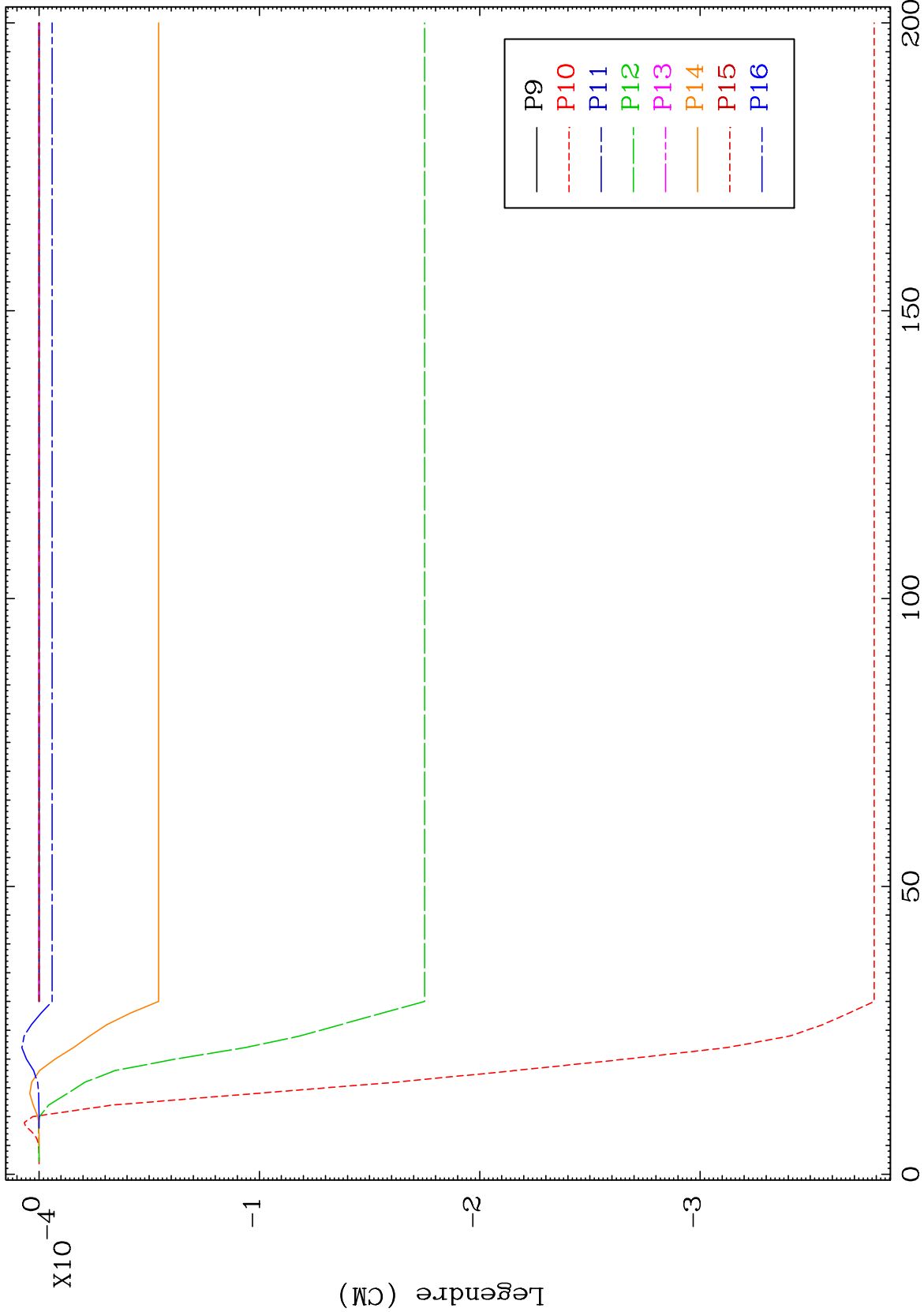
Incident Energy (MeV)

51-Sb-128

MAT 5146

943.4 keV (n,n') Level
Legendre Coefficients

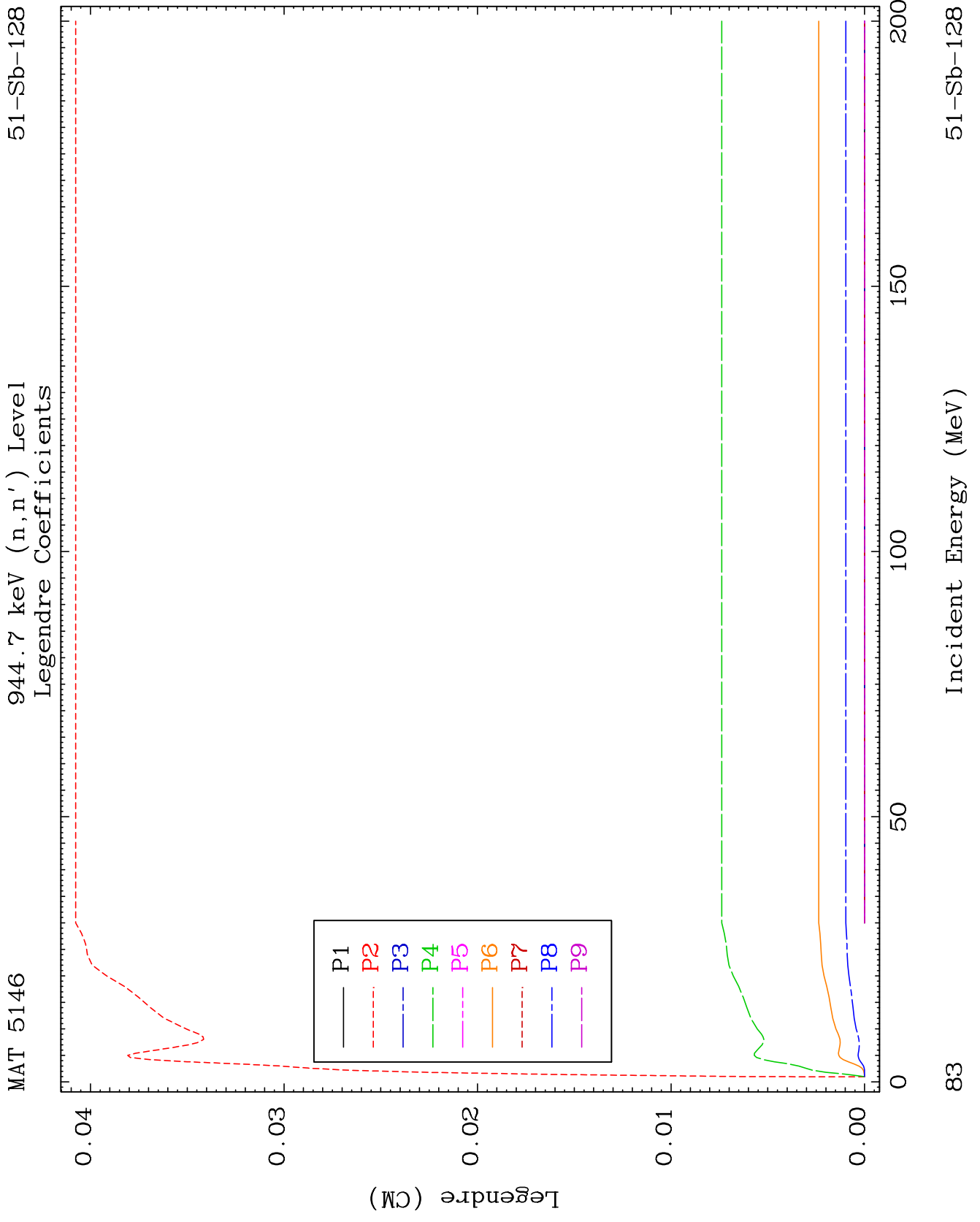
51-Sb-128



81

Incident Energy (MeV)

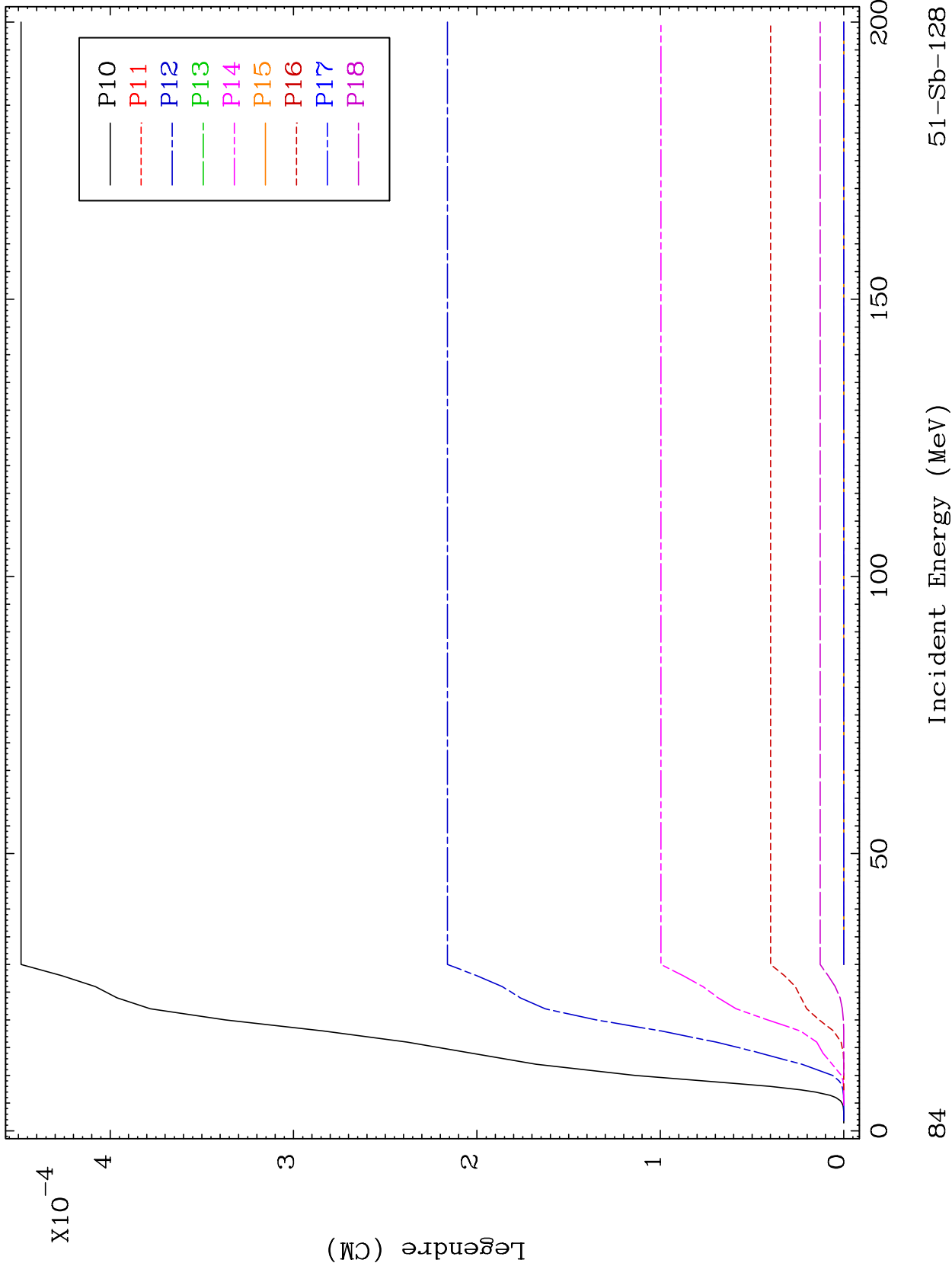
51-Sb-128



MAT 5146

944.7 keV (n,n') Level
Legendre Coefficients

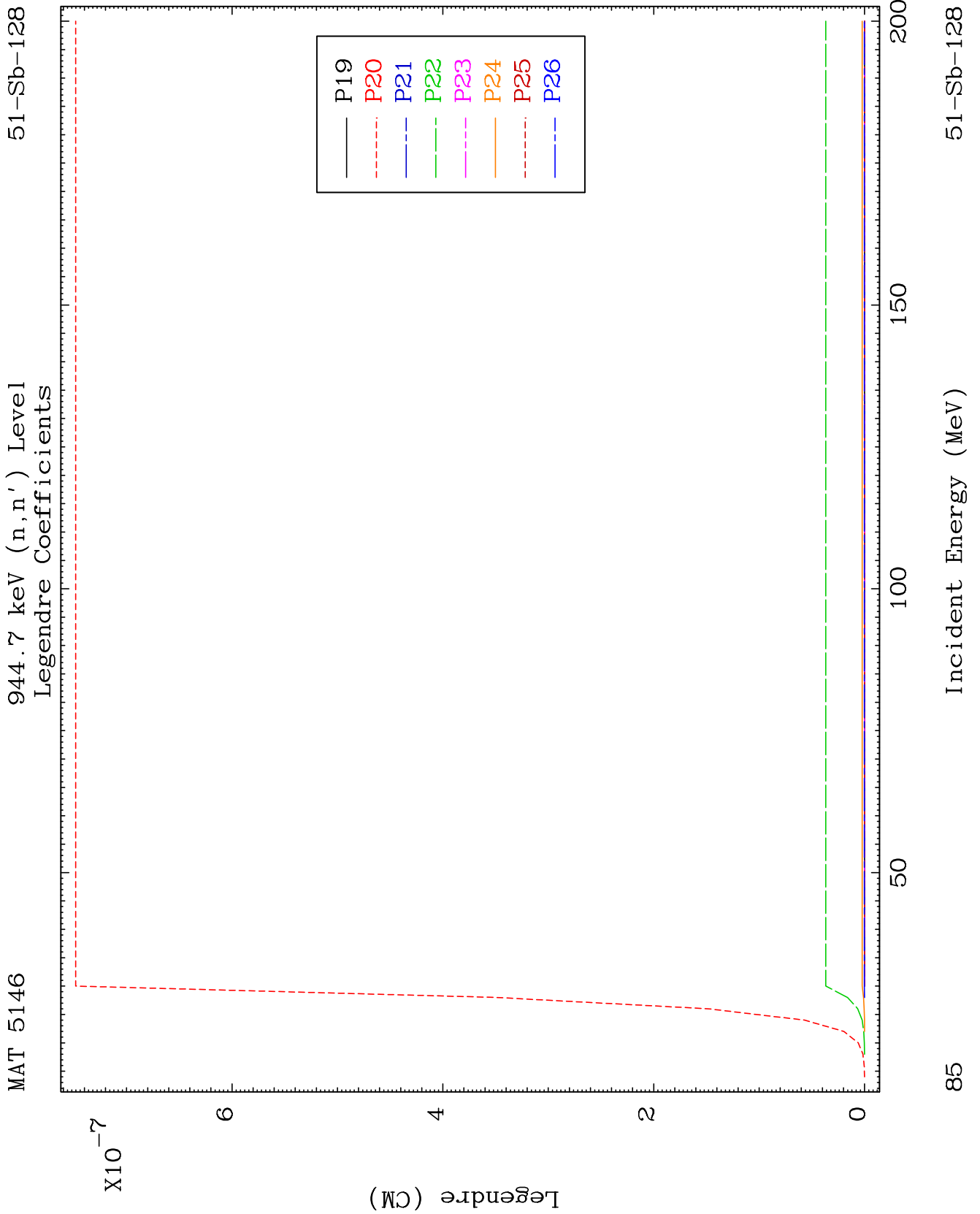
51-Sb-128



84

Incident Energy (MeV)

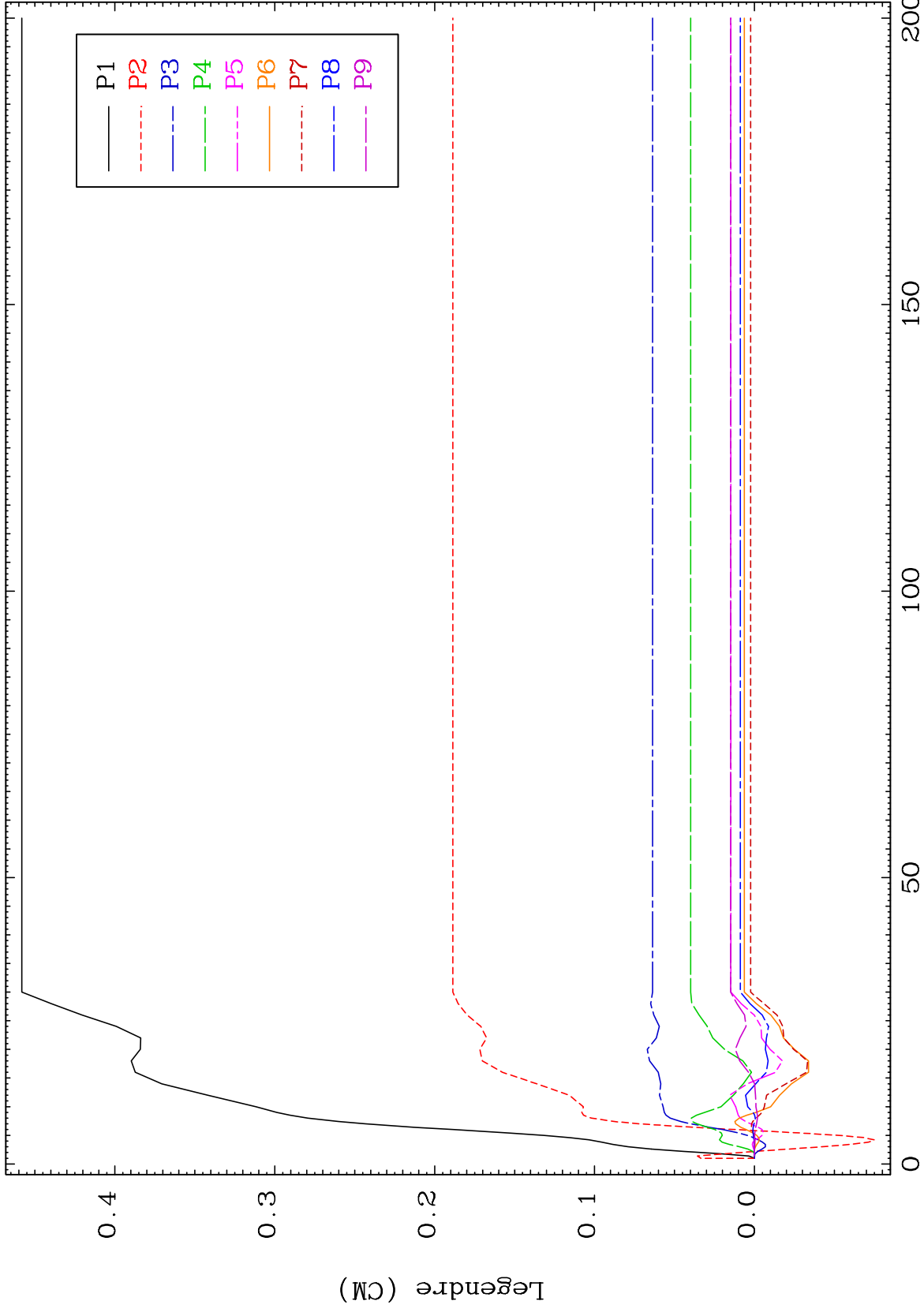
51-Sb-128



MAT 5146

964.5 keV (n,n') Level
Legendre Coefficients

51-Sb-128



86

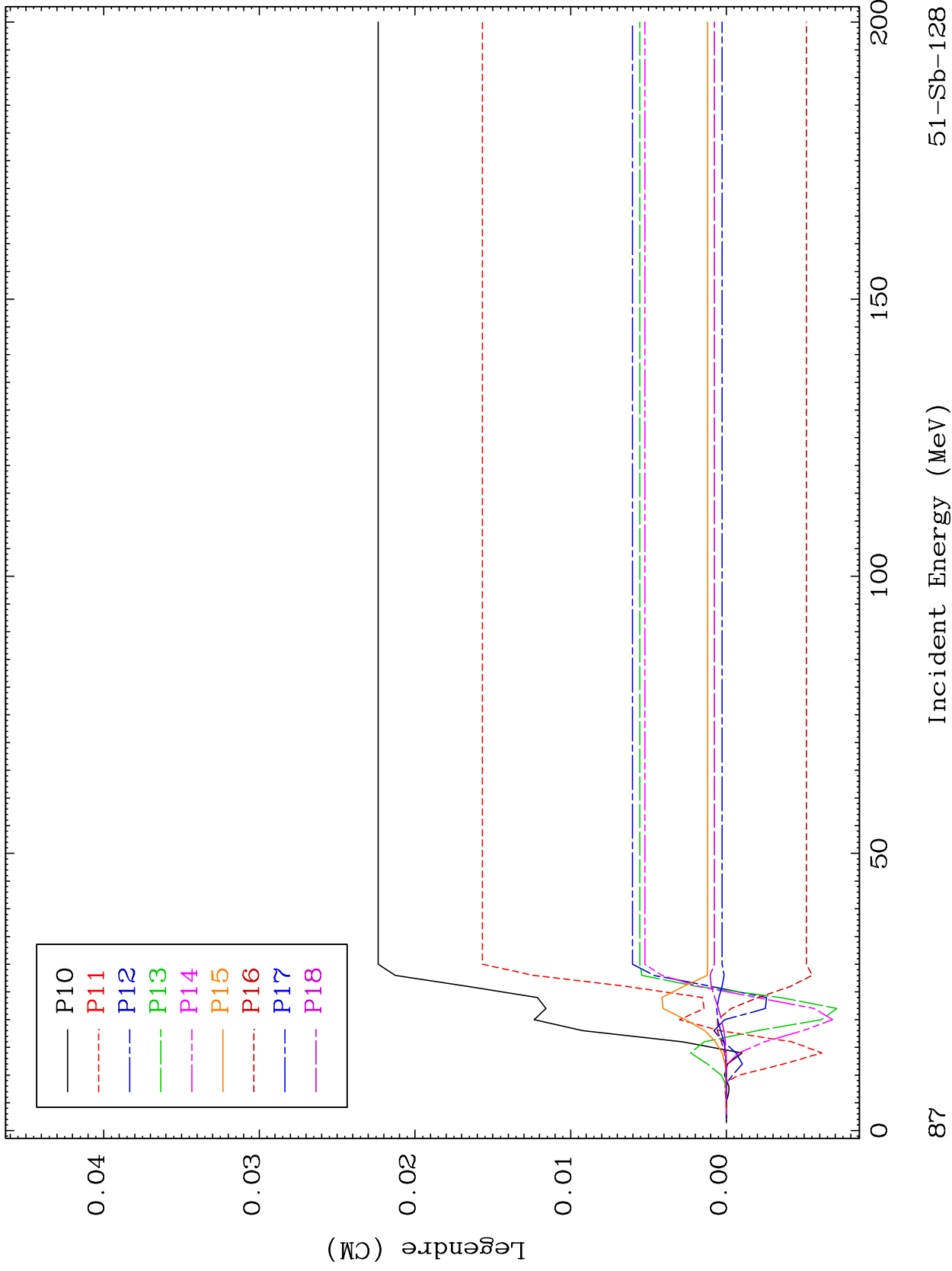
Incident Energy (MeV)

51-Sb-128

MAT 5146

964.5 keV (n,n') Level
Legendre Coefficients

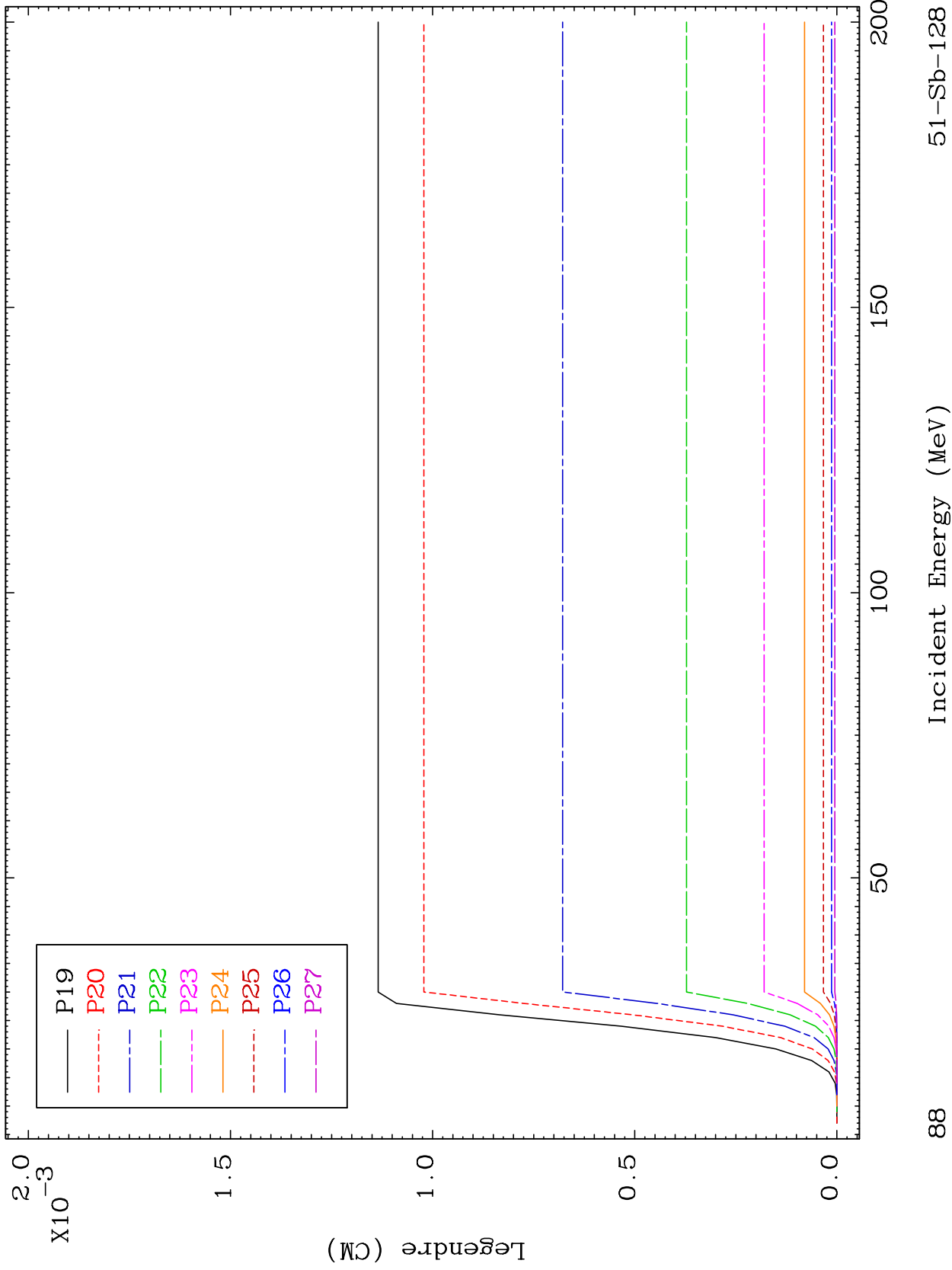
51-Sb-128



51-Sb-128

Incident Energy (MeV)

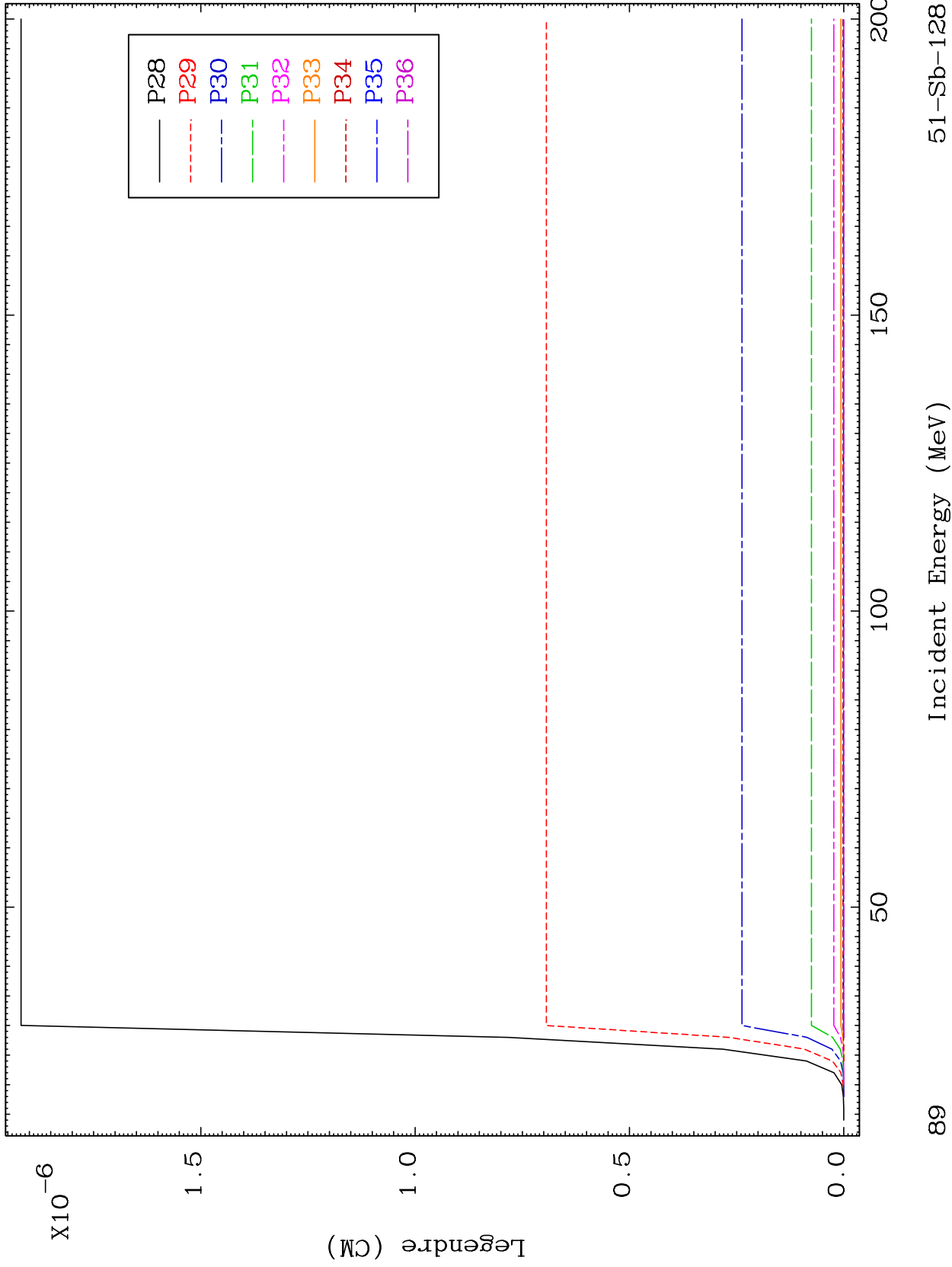
87



MAT 5146

964.5 keV (n,n') Level
Legendre Coefficients

51-Sb-128



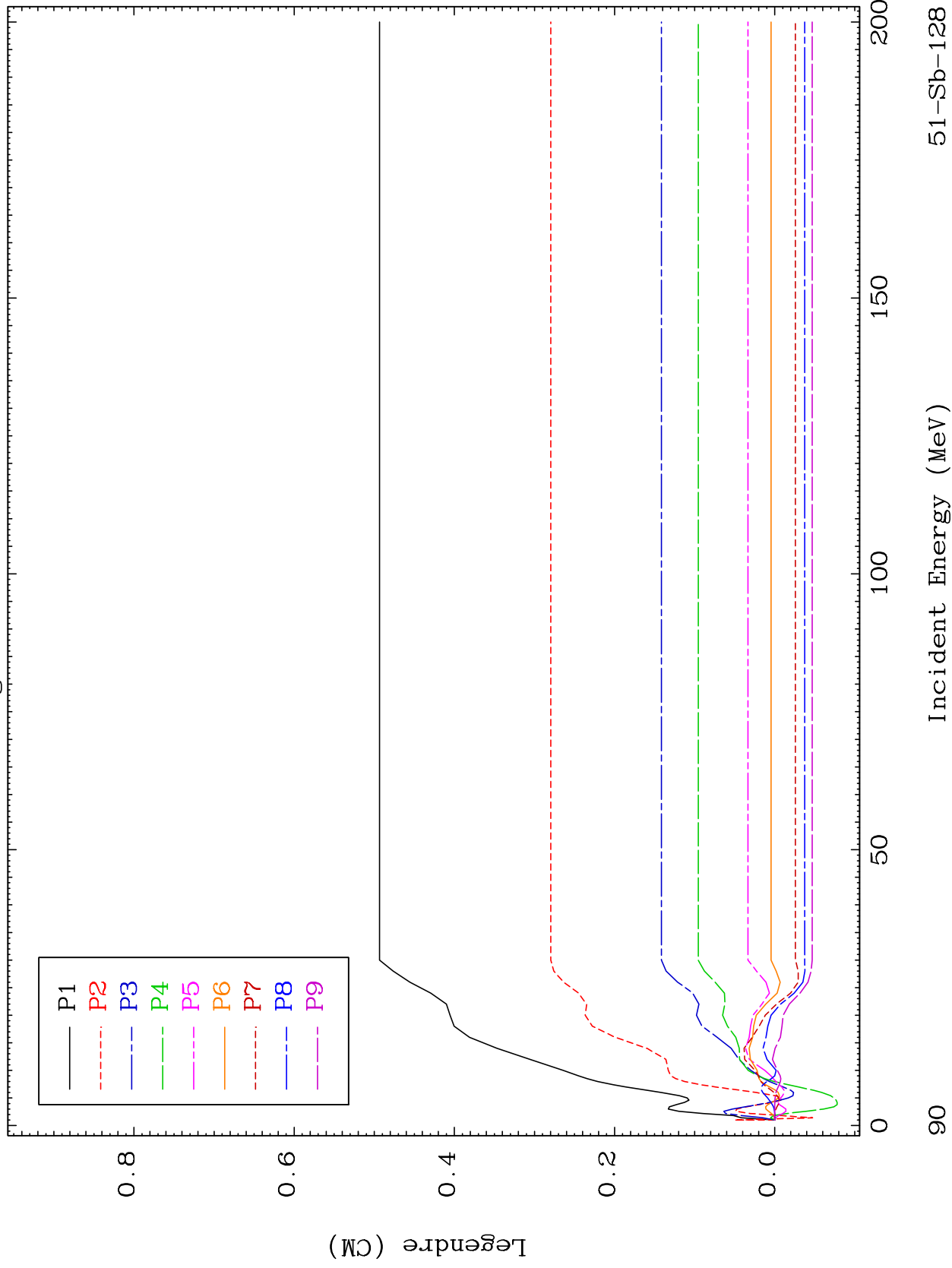
89

51-Sb-128

MAT 5146

987.1 keV (n,n') Level
Legendre Coefficients

51-Sb-128



51-Sb-128

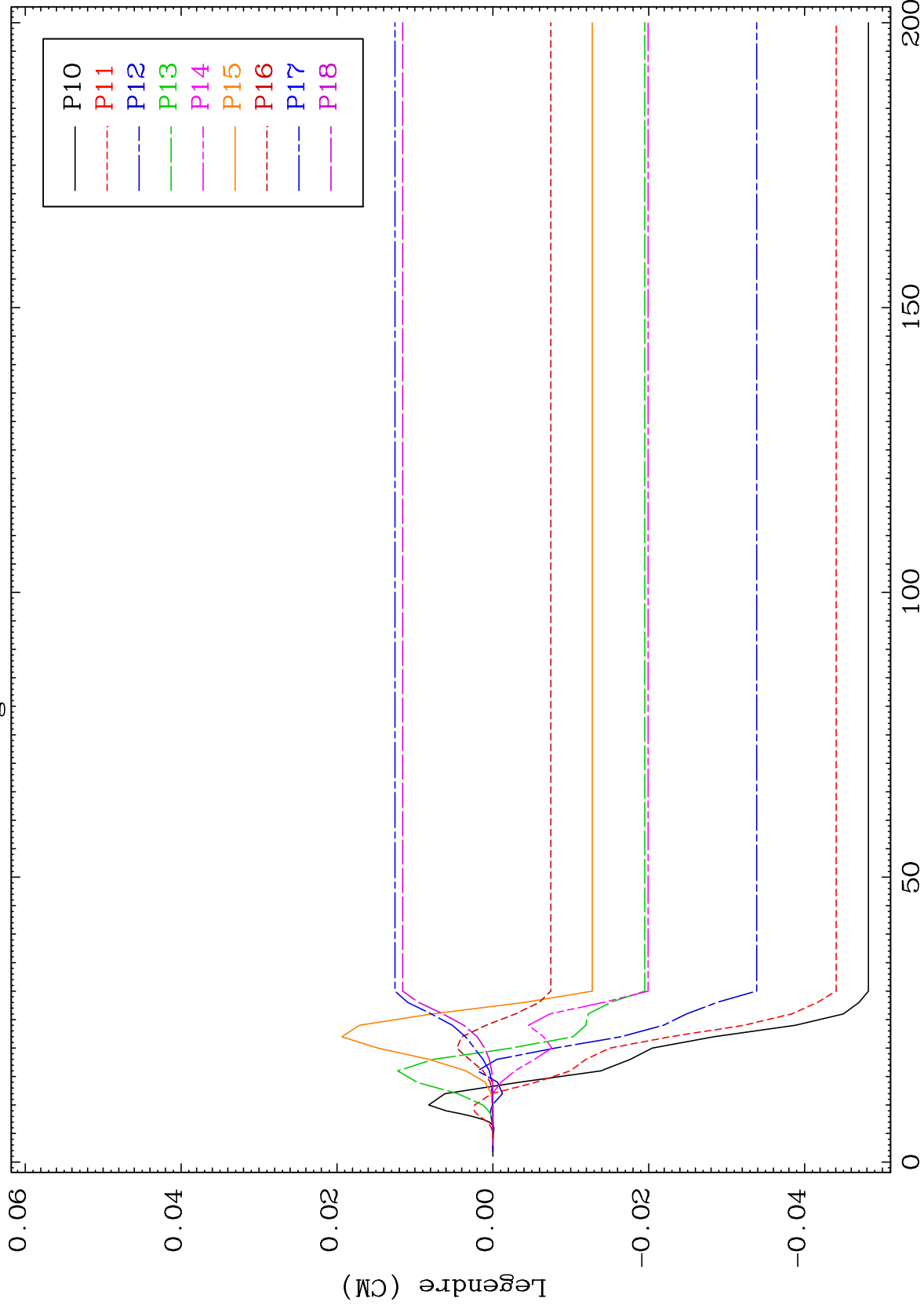
Incident Energy (MeV)

90

MAT 5146

987.1 keV (n,n') Level
Legendre Coefficients

51-Sb-128



91

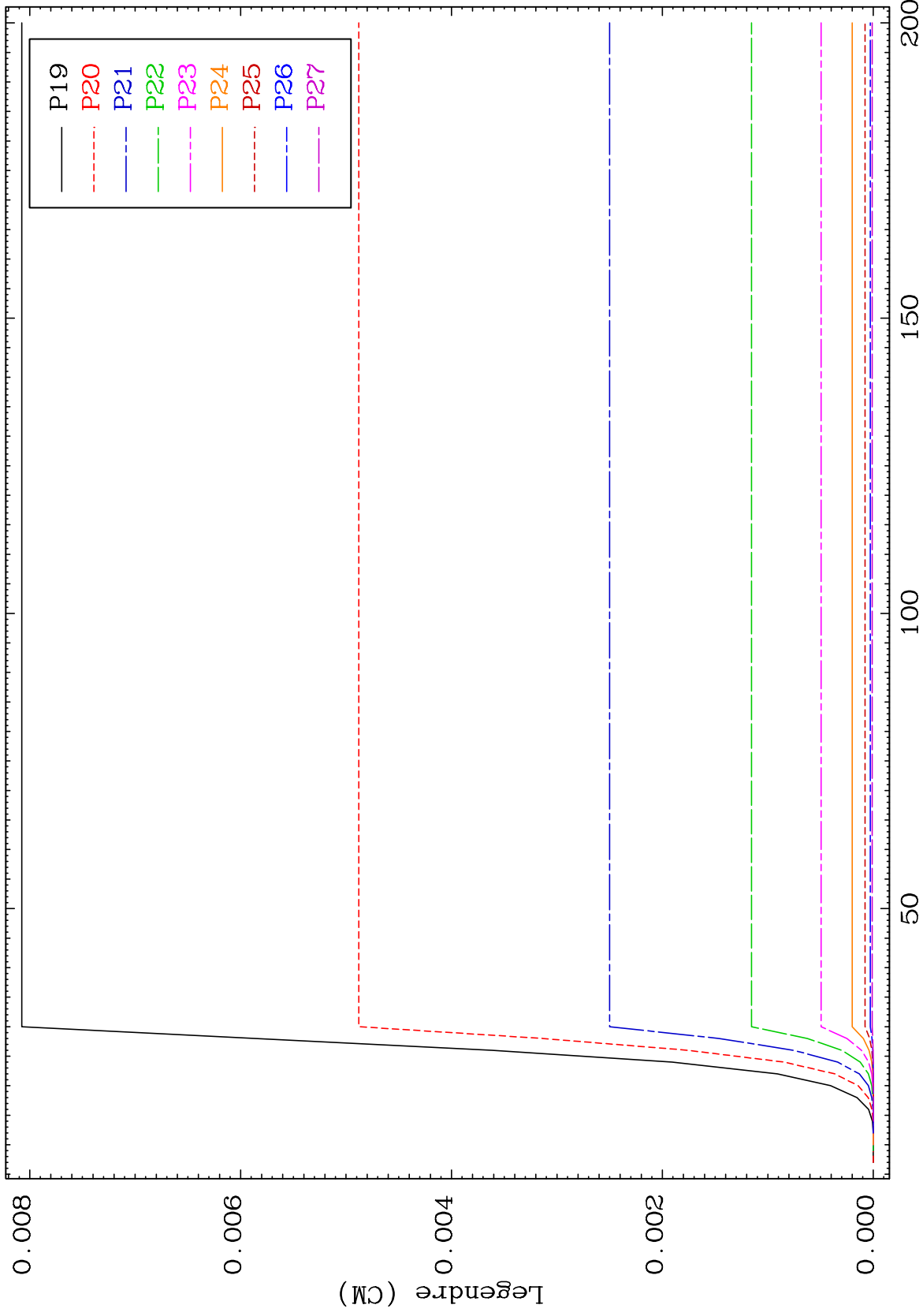
Incident Energy (MeV)

51-Sb-128

MAT 5146

987.1 keV (n,n') Level
Legendre Coefficients

51-Sb-128



92

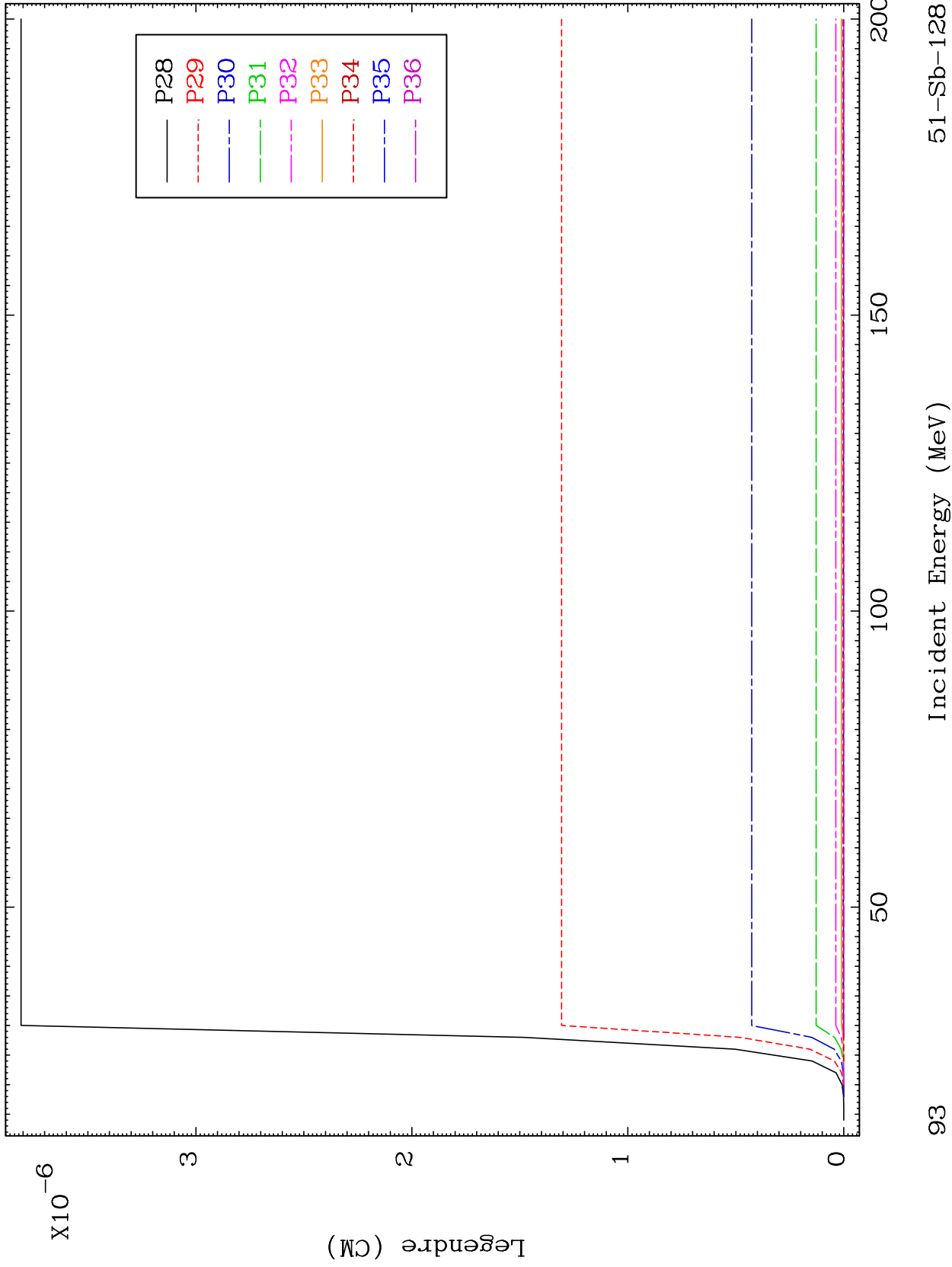
Incident Energy (MeV)

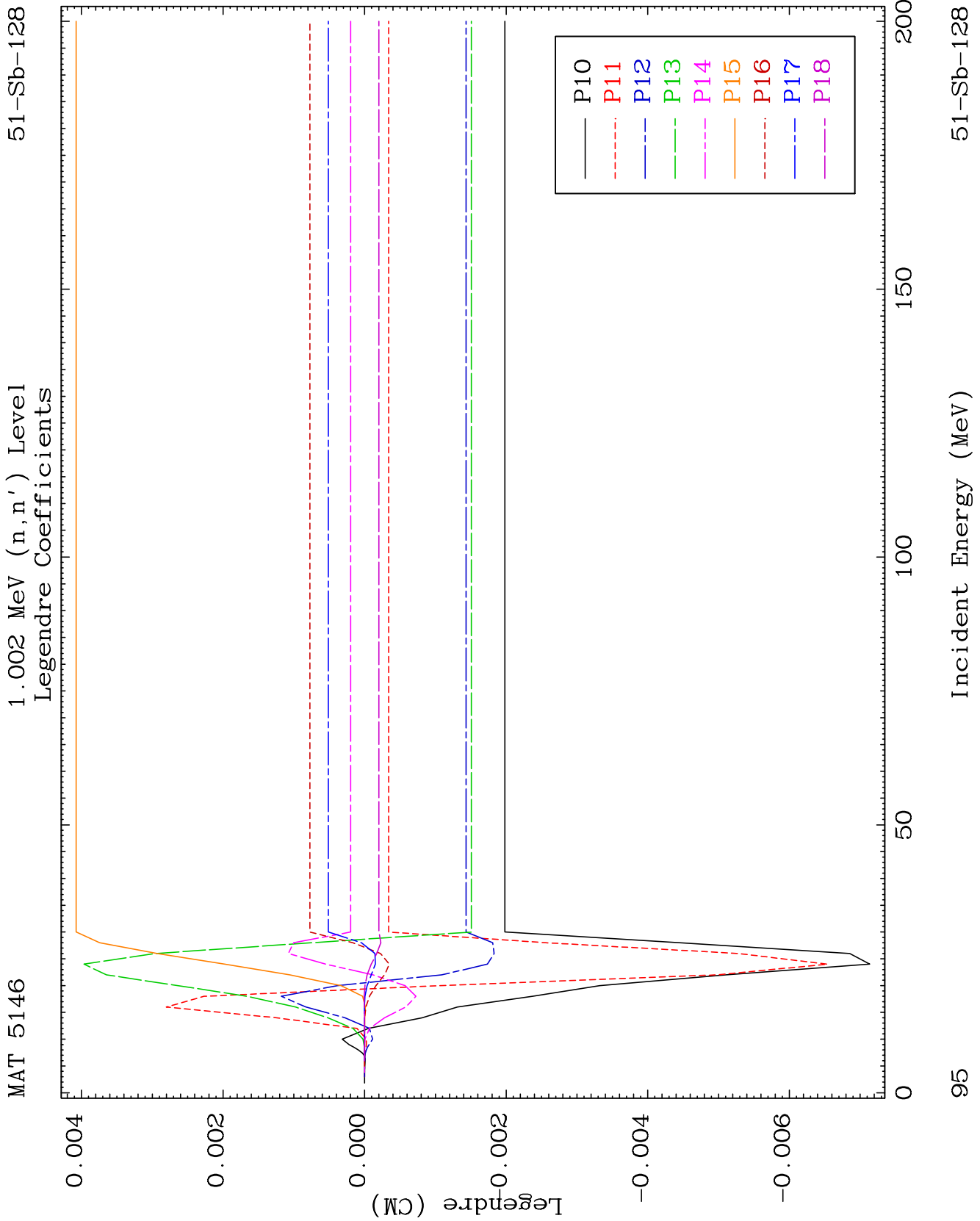
51-Sb-128

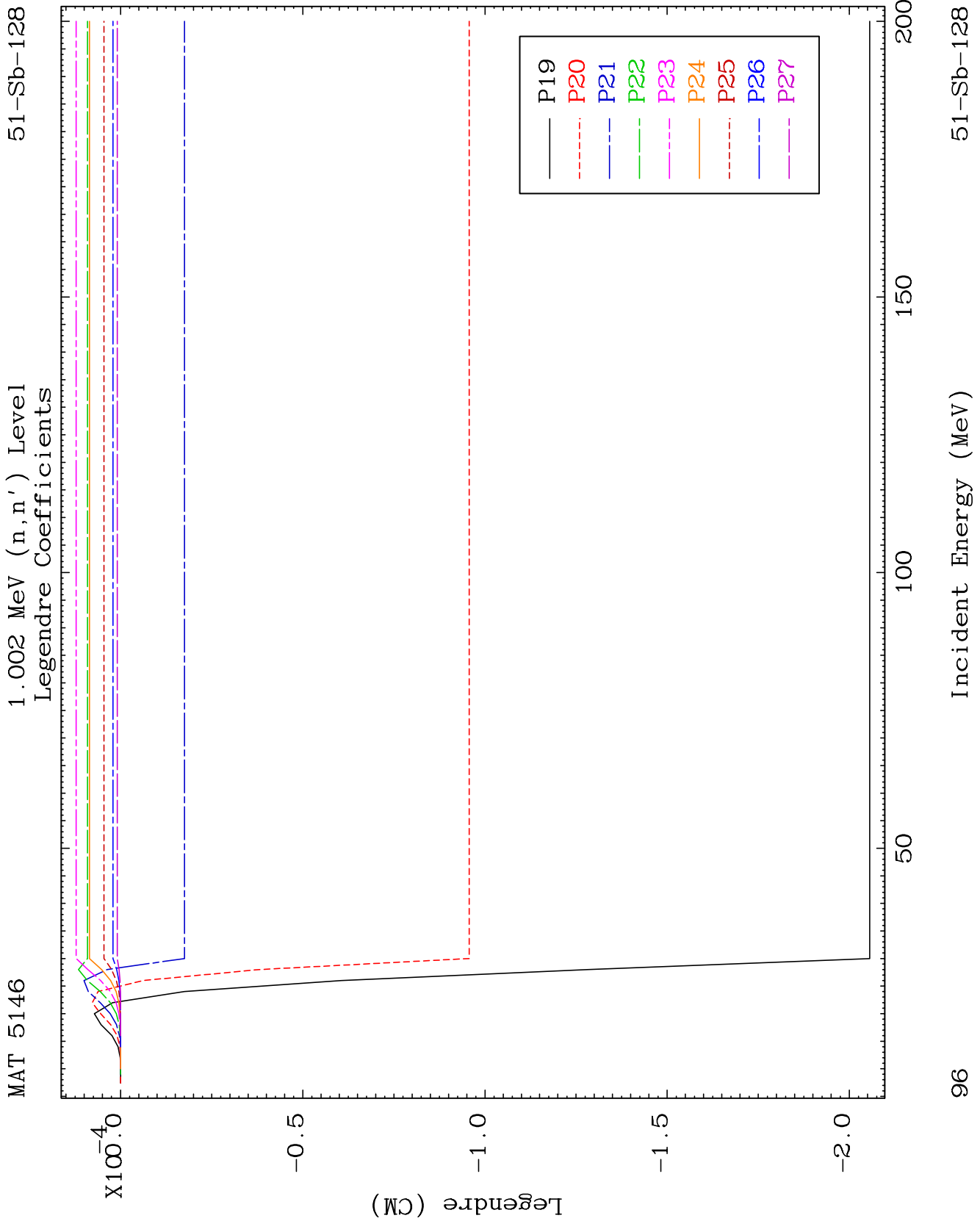
MAT 5146

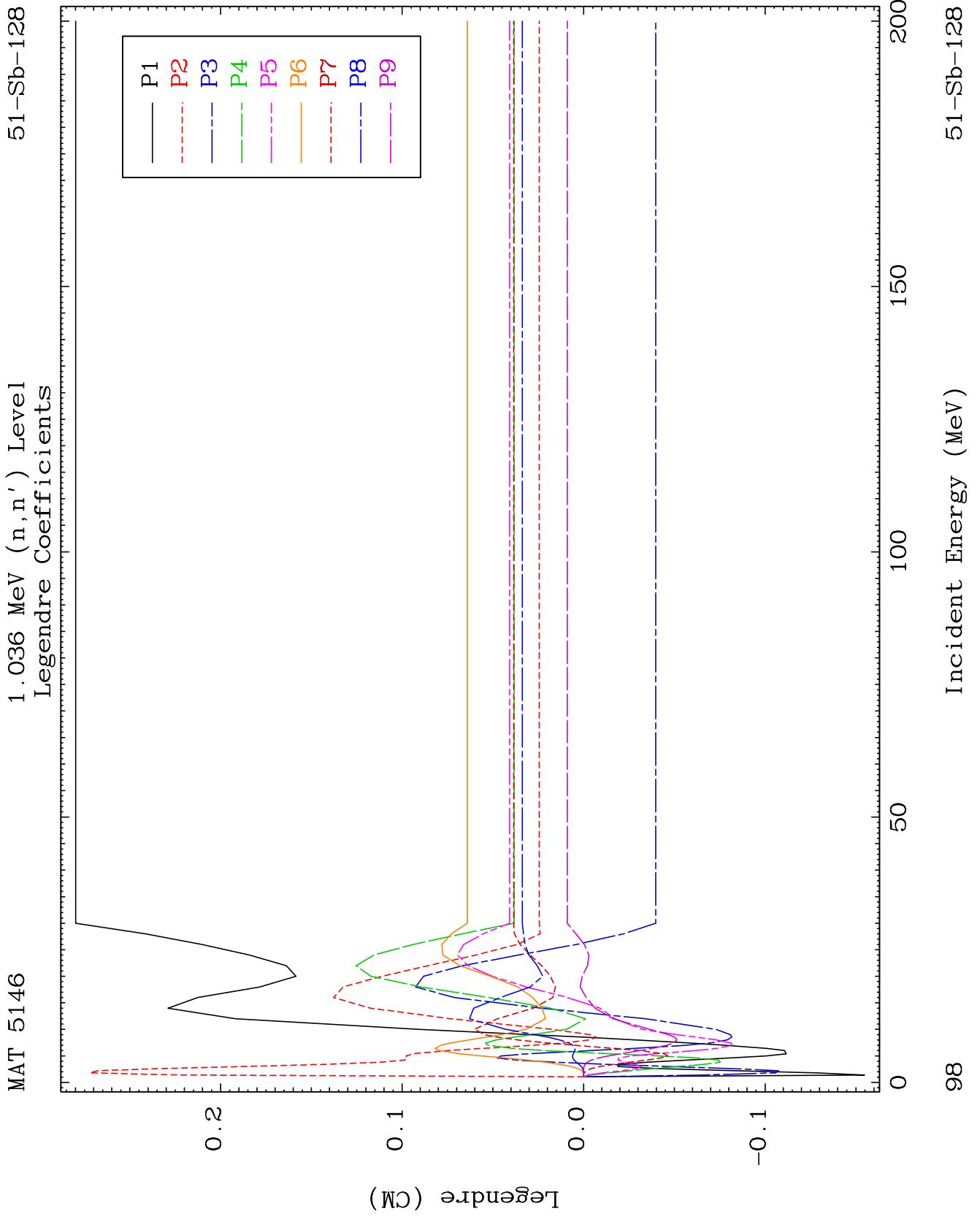
987.1 keV (n,n') Level
Legendre Coefficients

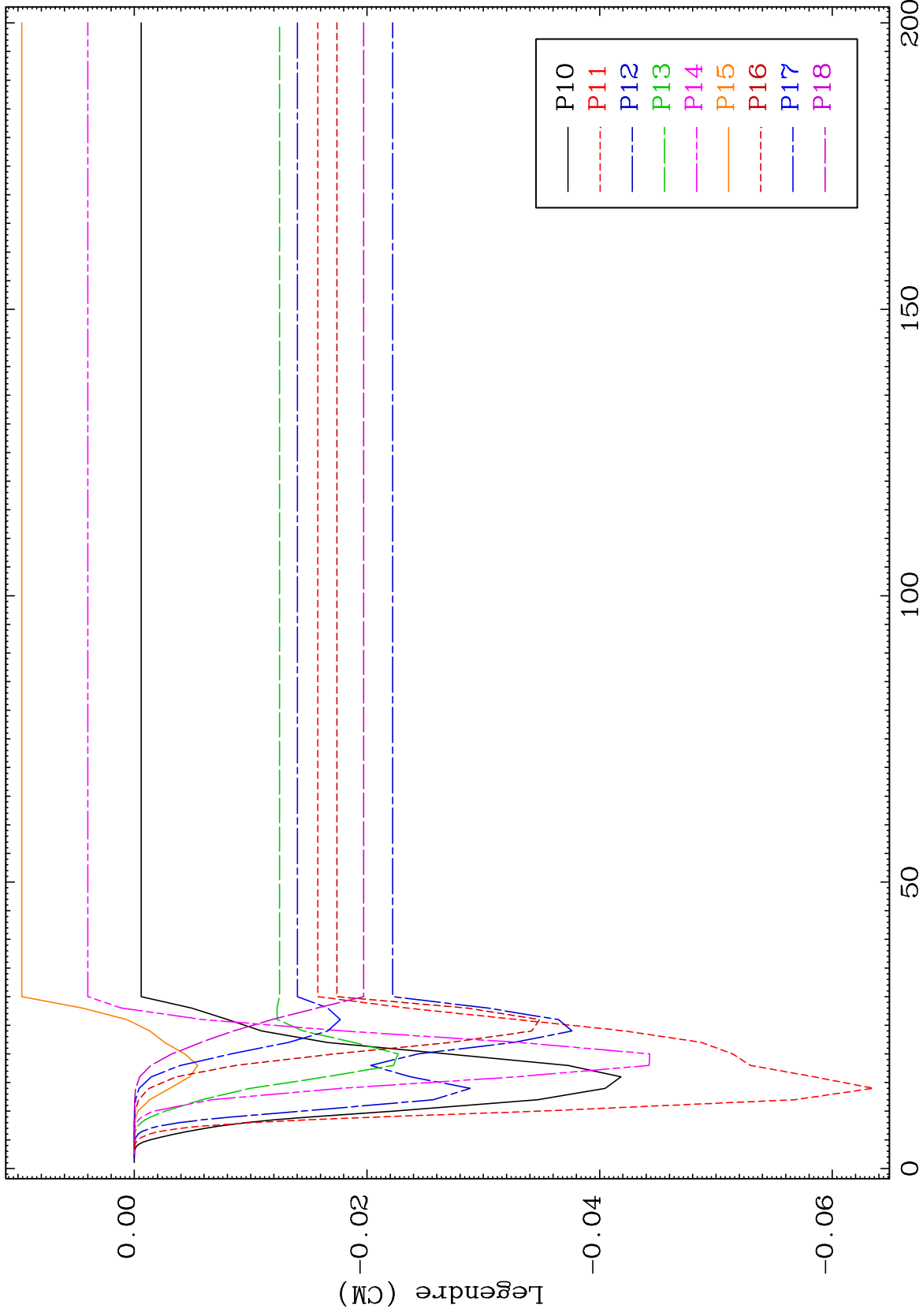
51-Sb-128

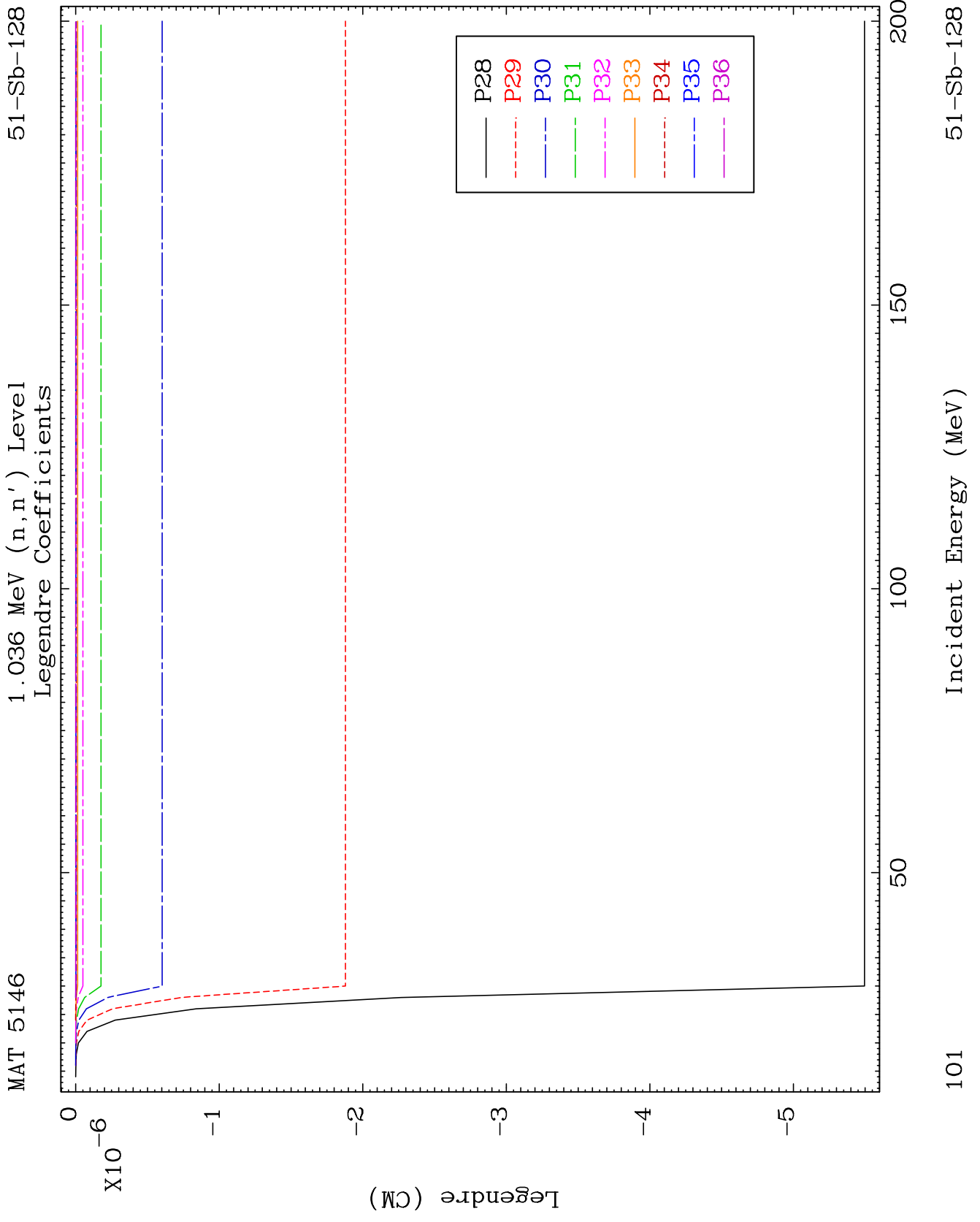


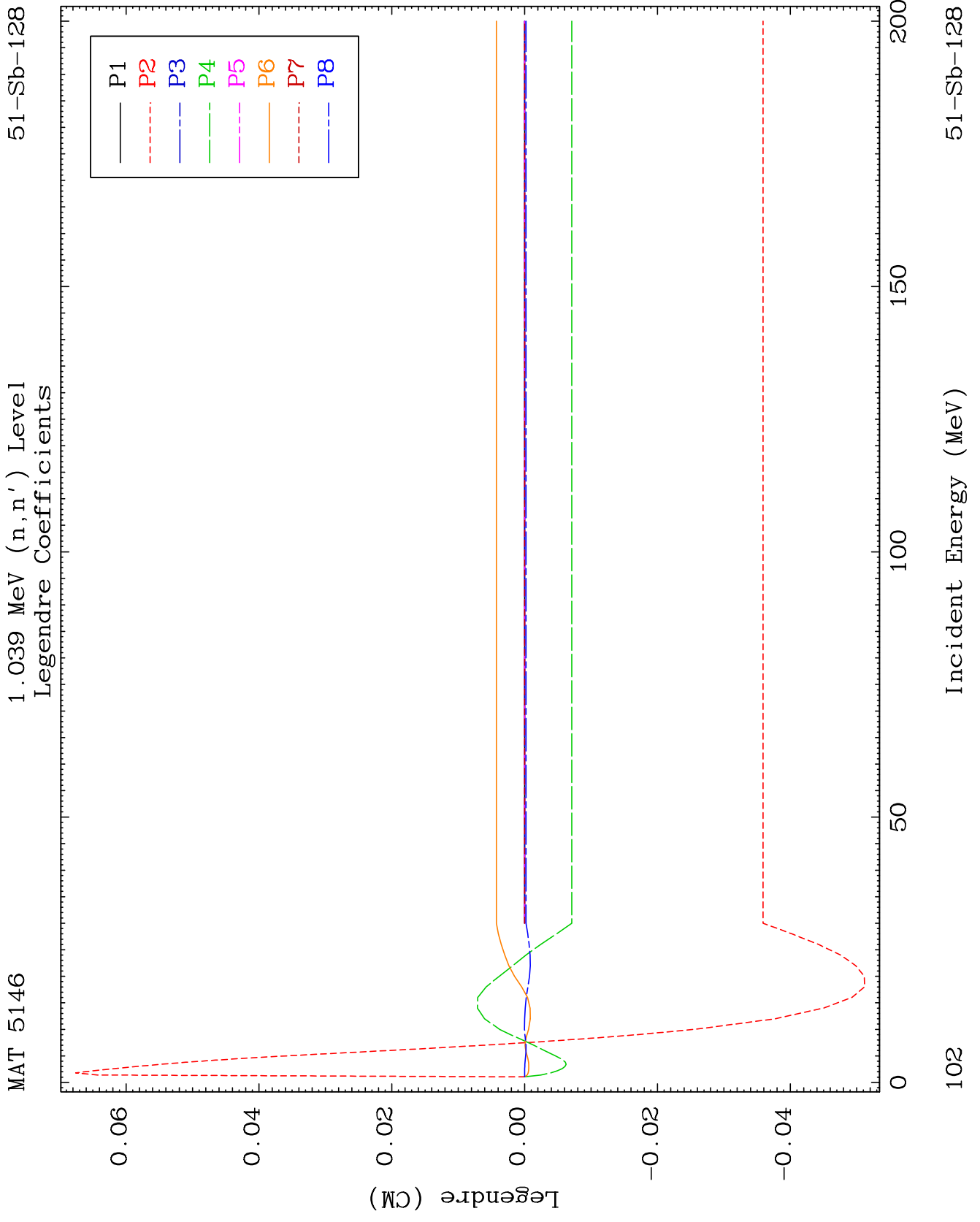


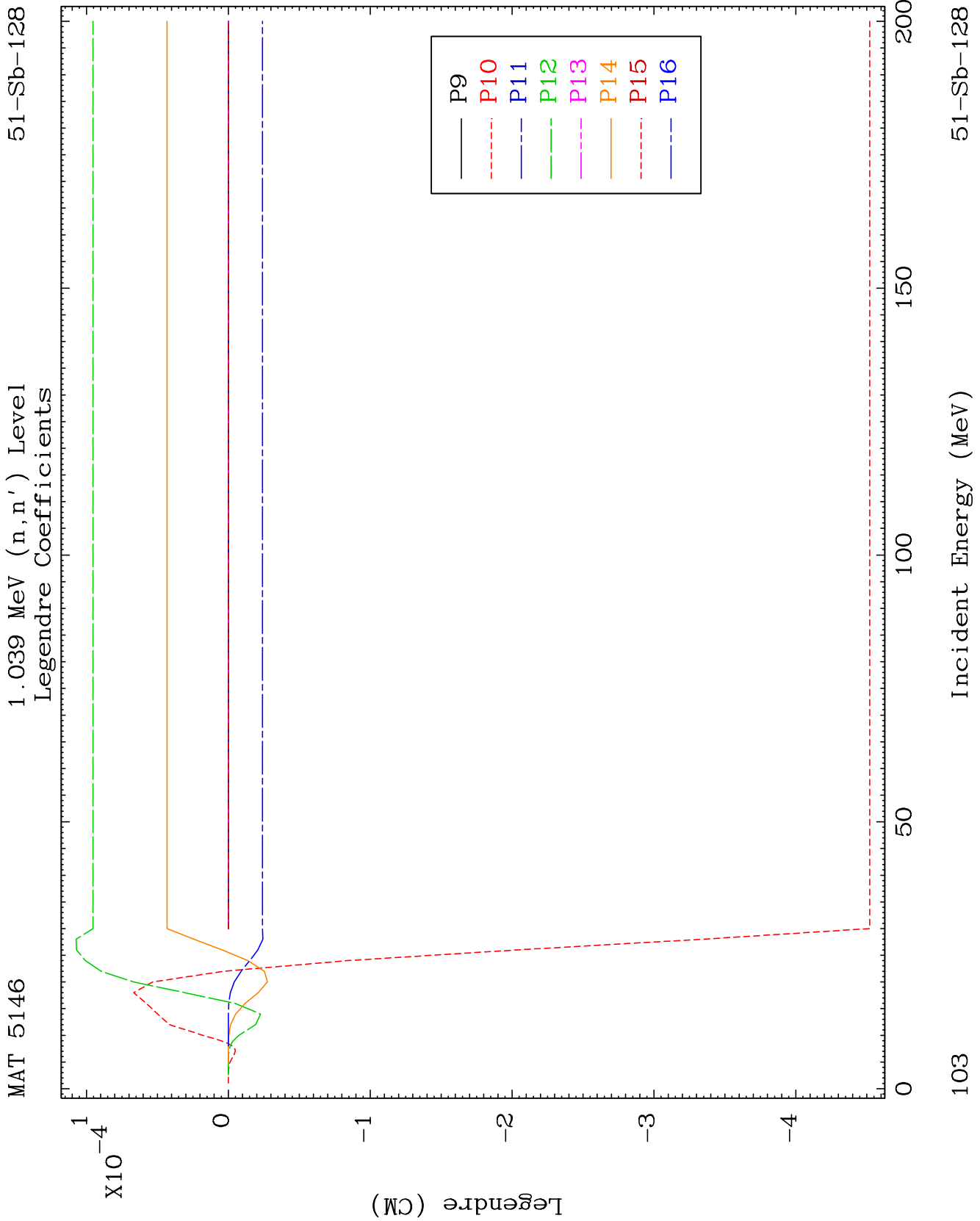


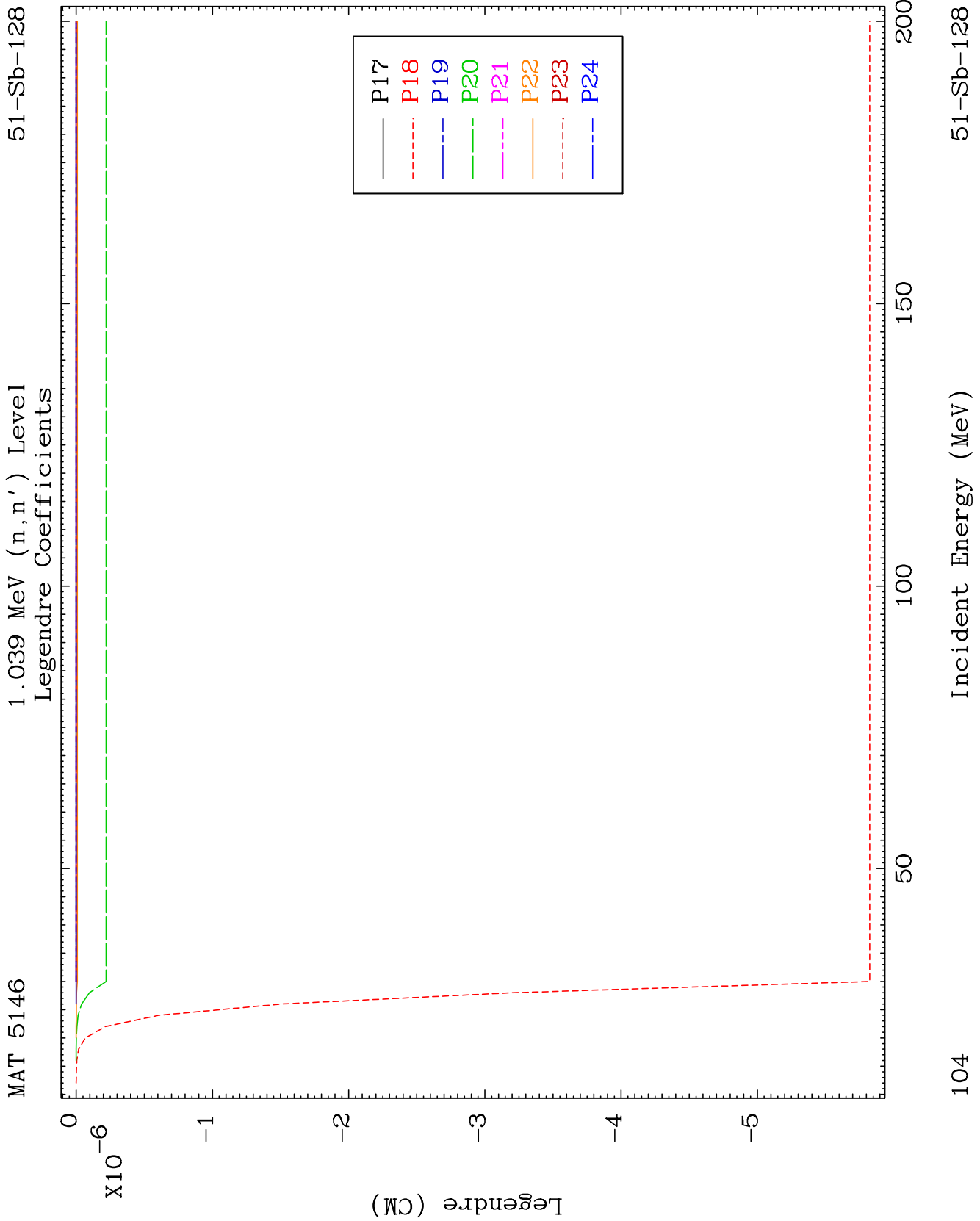








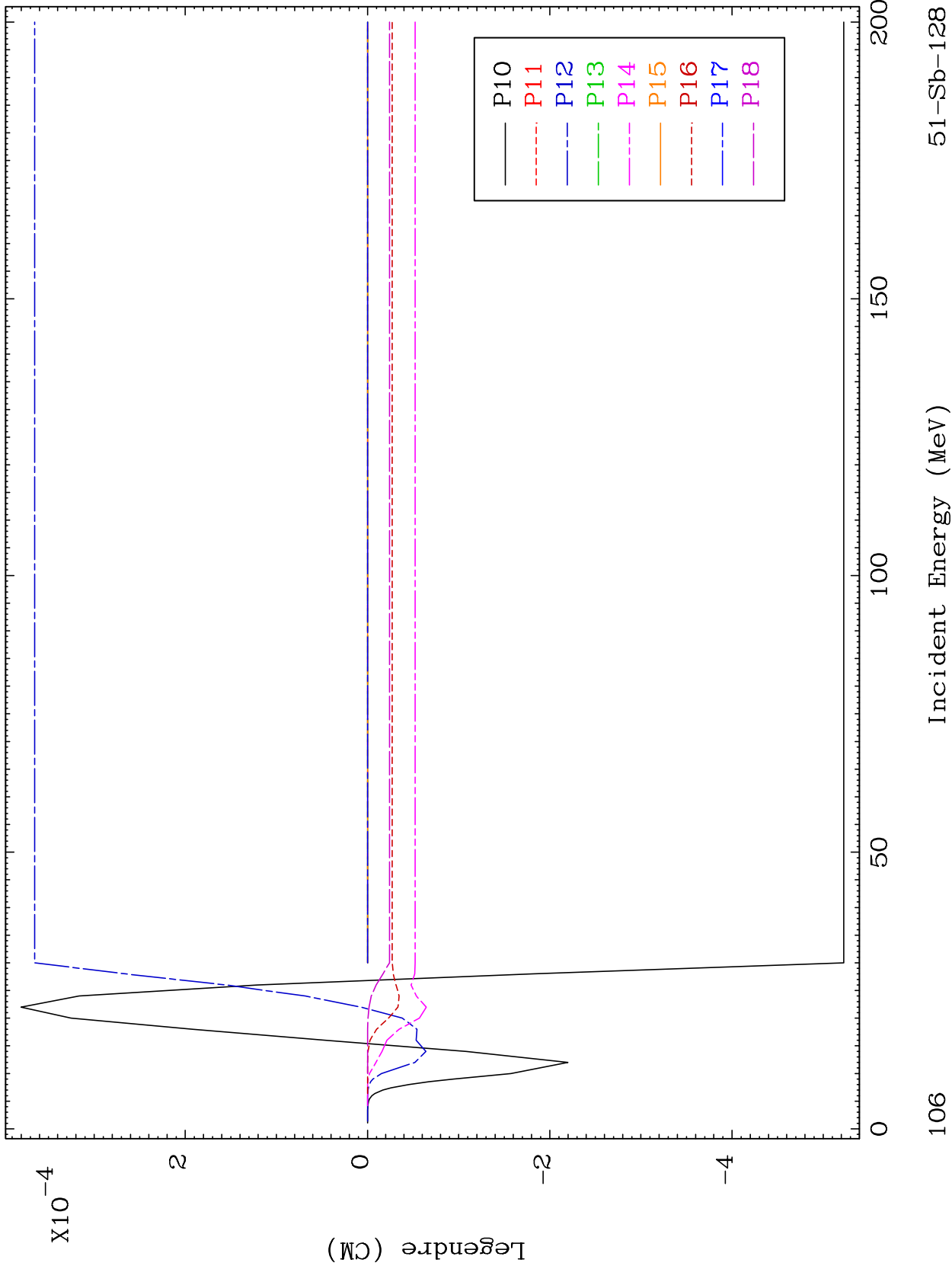




MAT 5146

1.043 MeV (n,n') Level
Legendre Coefficients

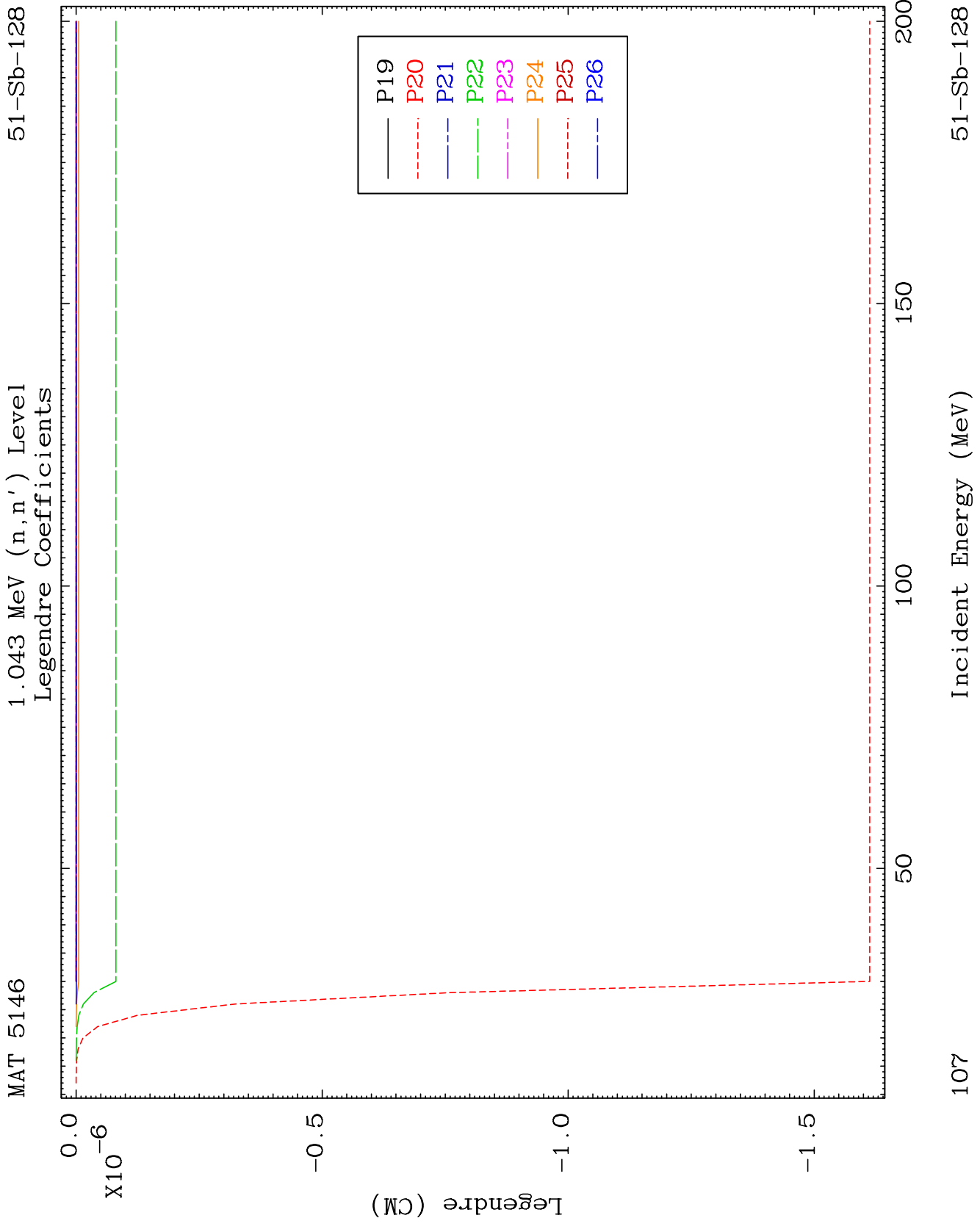
51-Sb-128



106

Incident Energy (MeV)

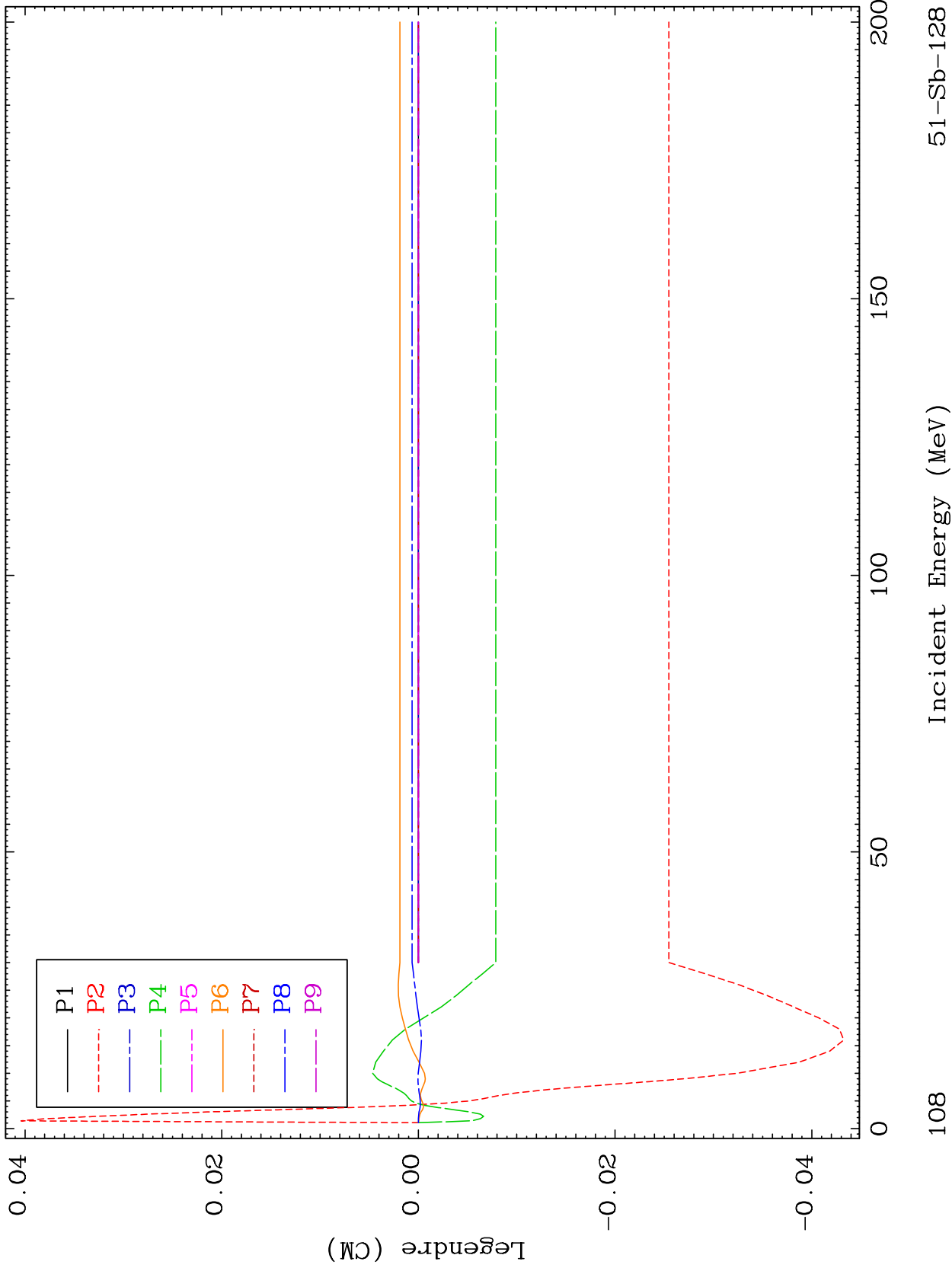
51-Sb-128



MAT 5146

1.050 MeV (n,n') Level
Legendre Coefficients

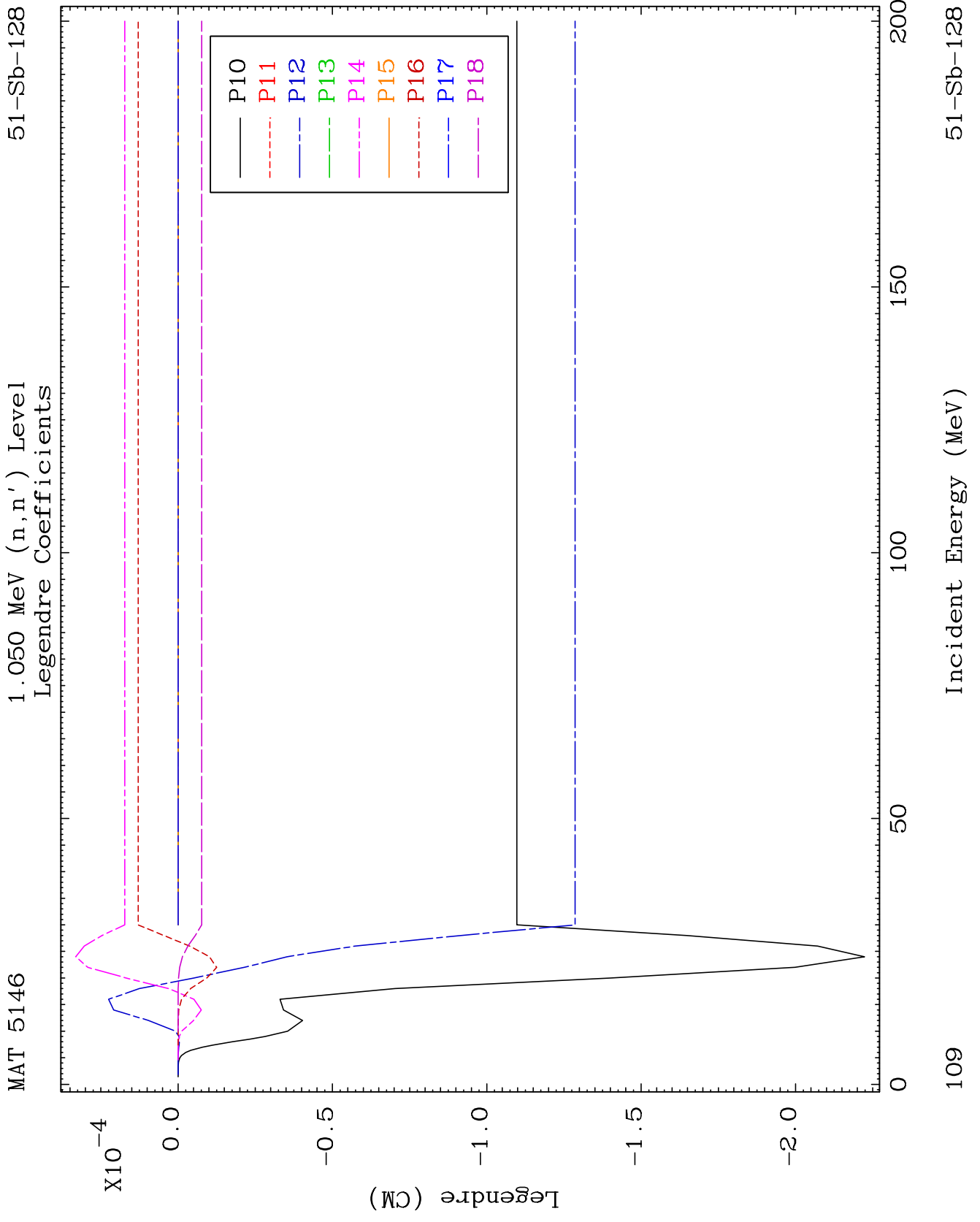
51-Sb-128

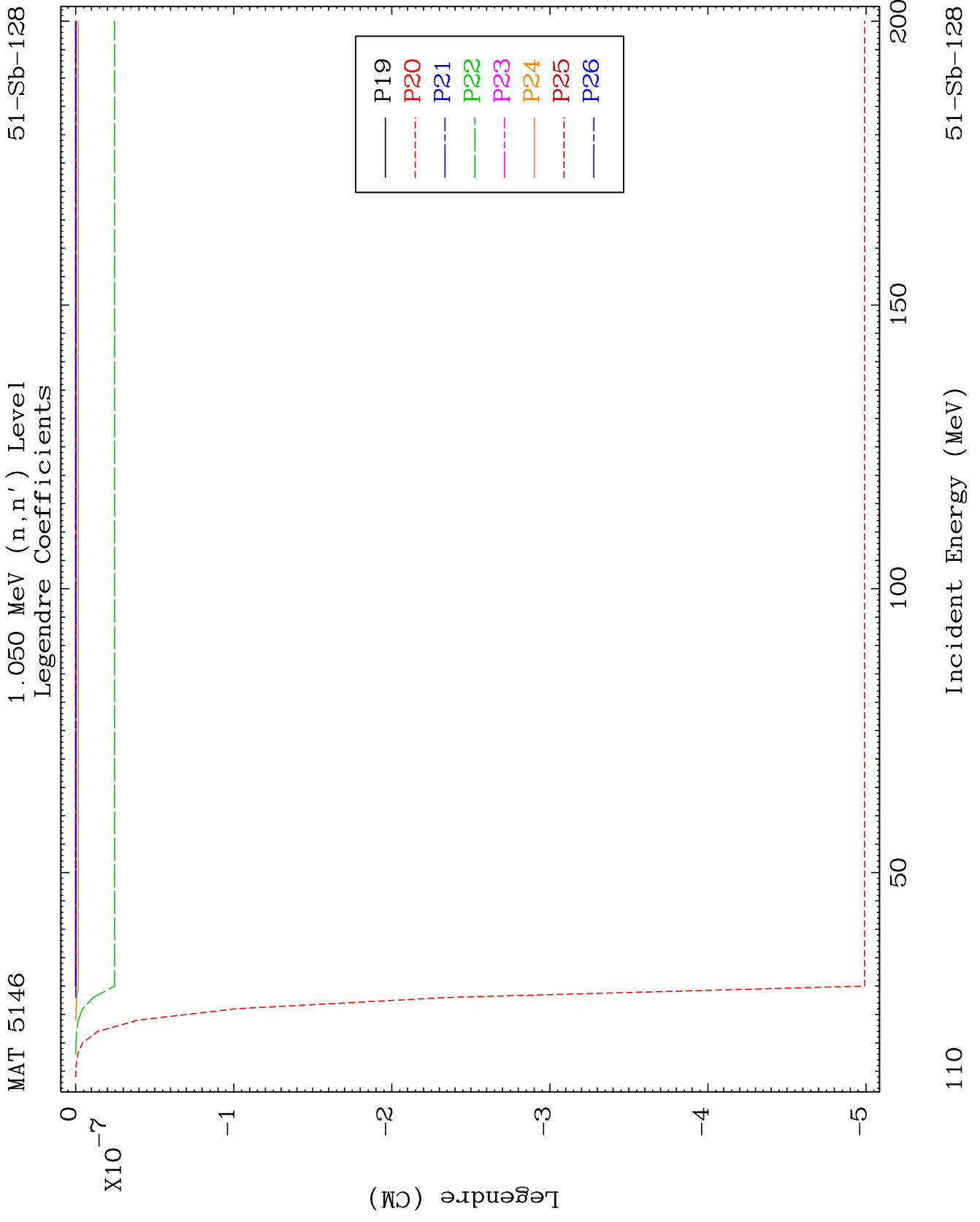


51-Sb-128

Incident Energy (MeV)

108

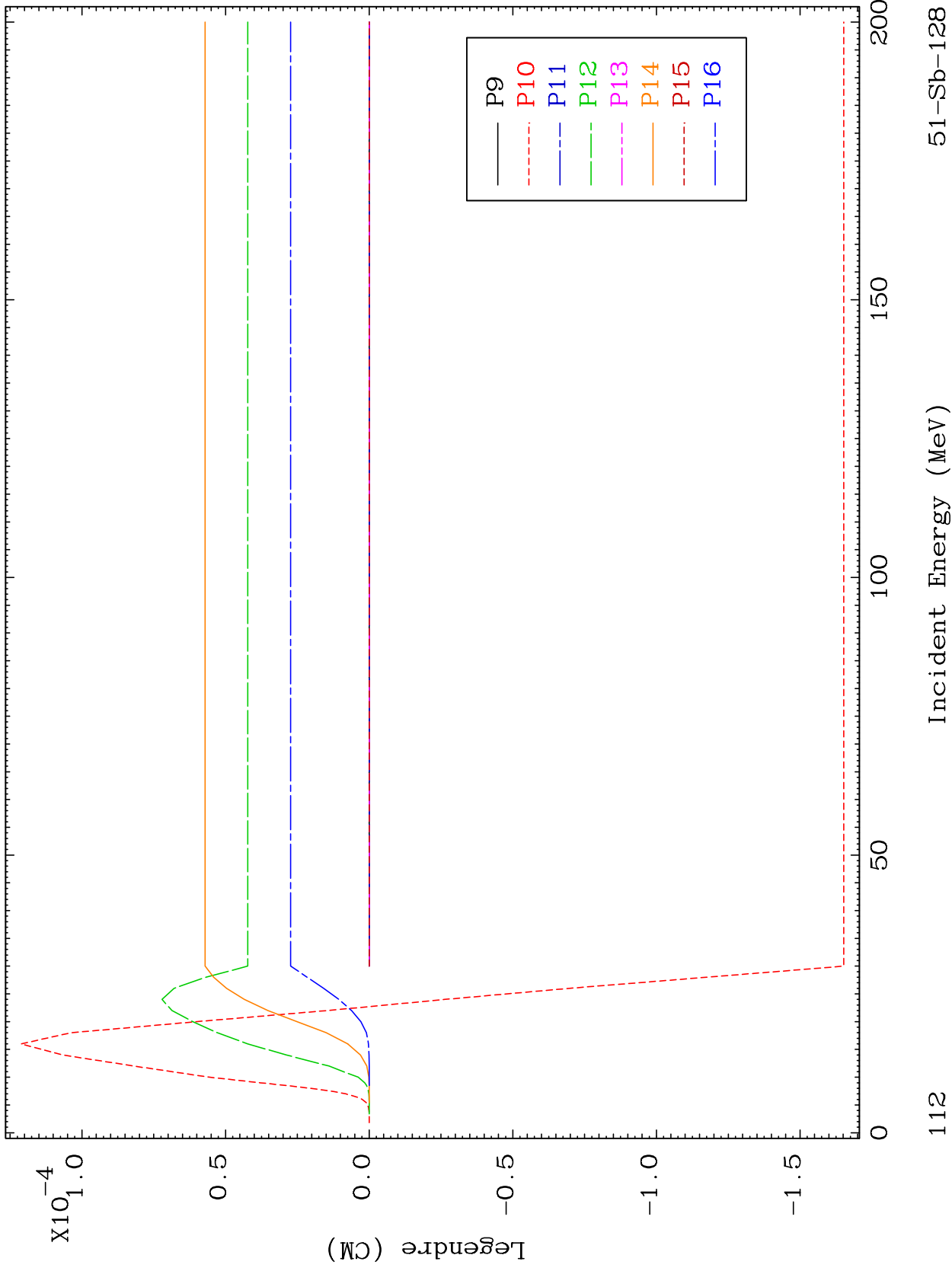




MAT 5146

1.064 MeV (n,n') Level
Legendre Coefficients

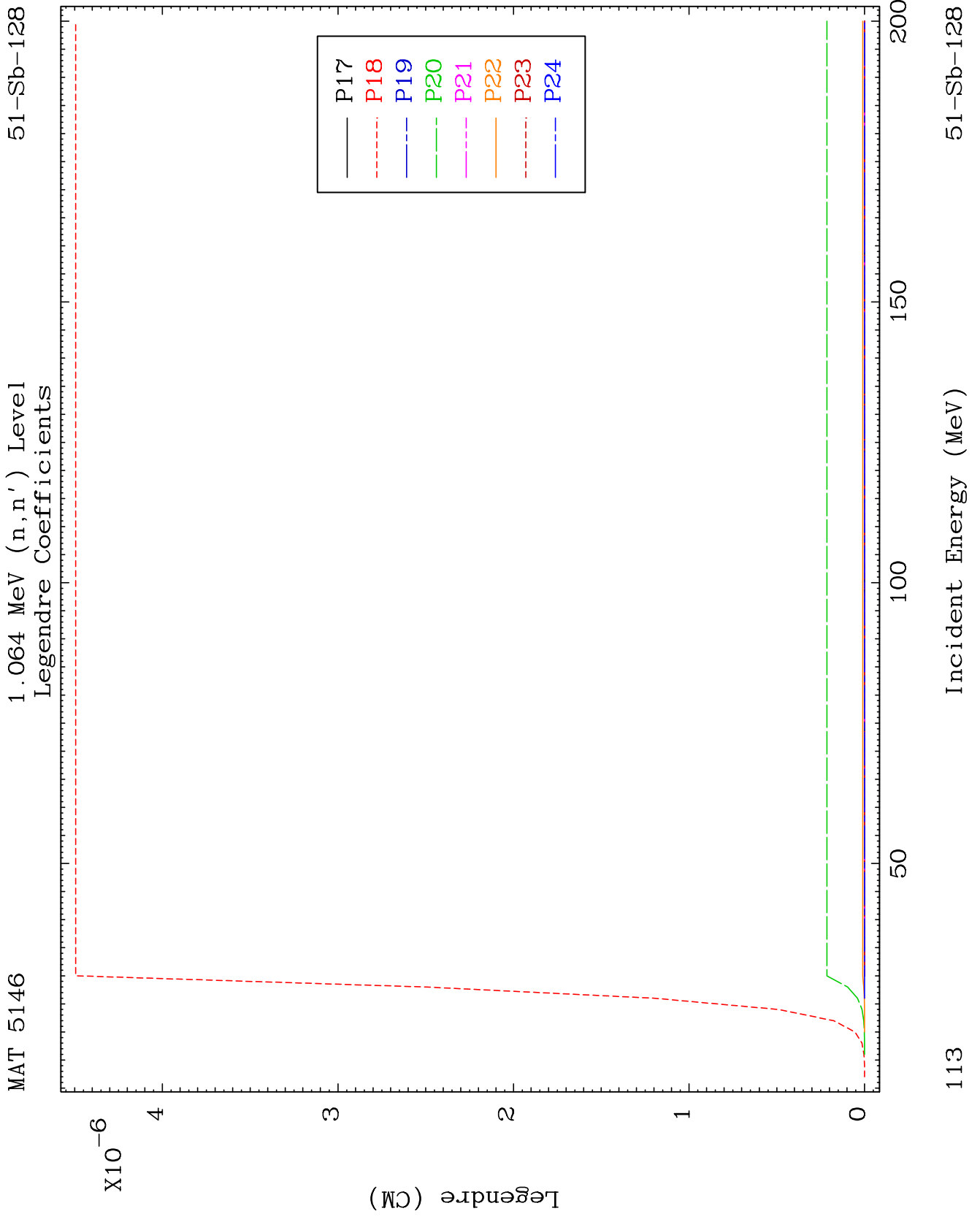
51-Sb-128

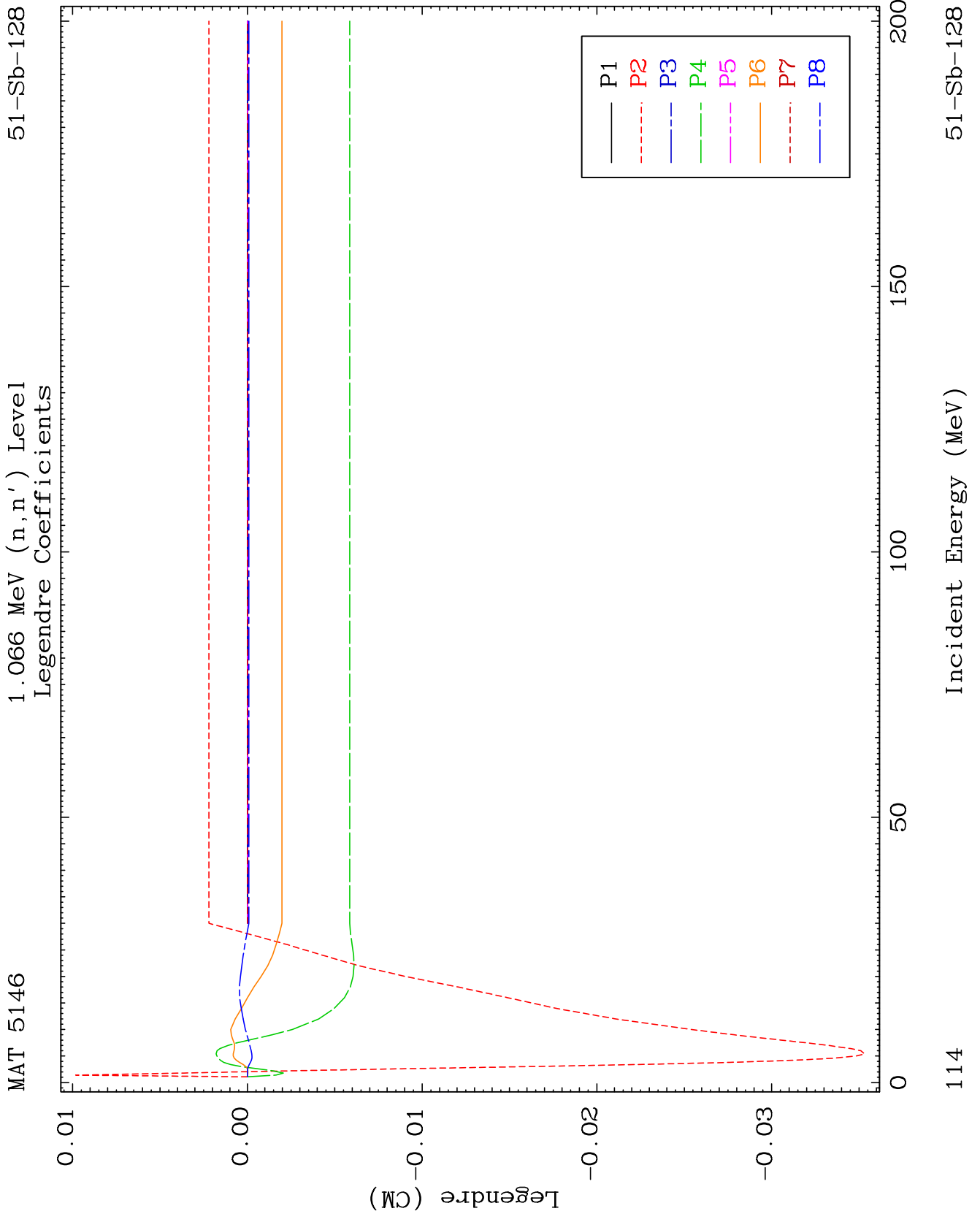


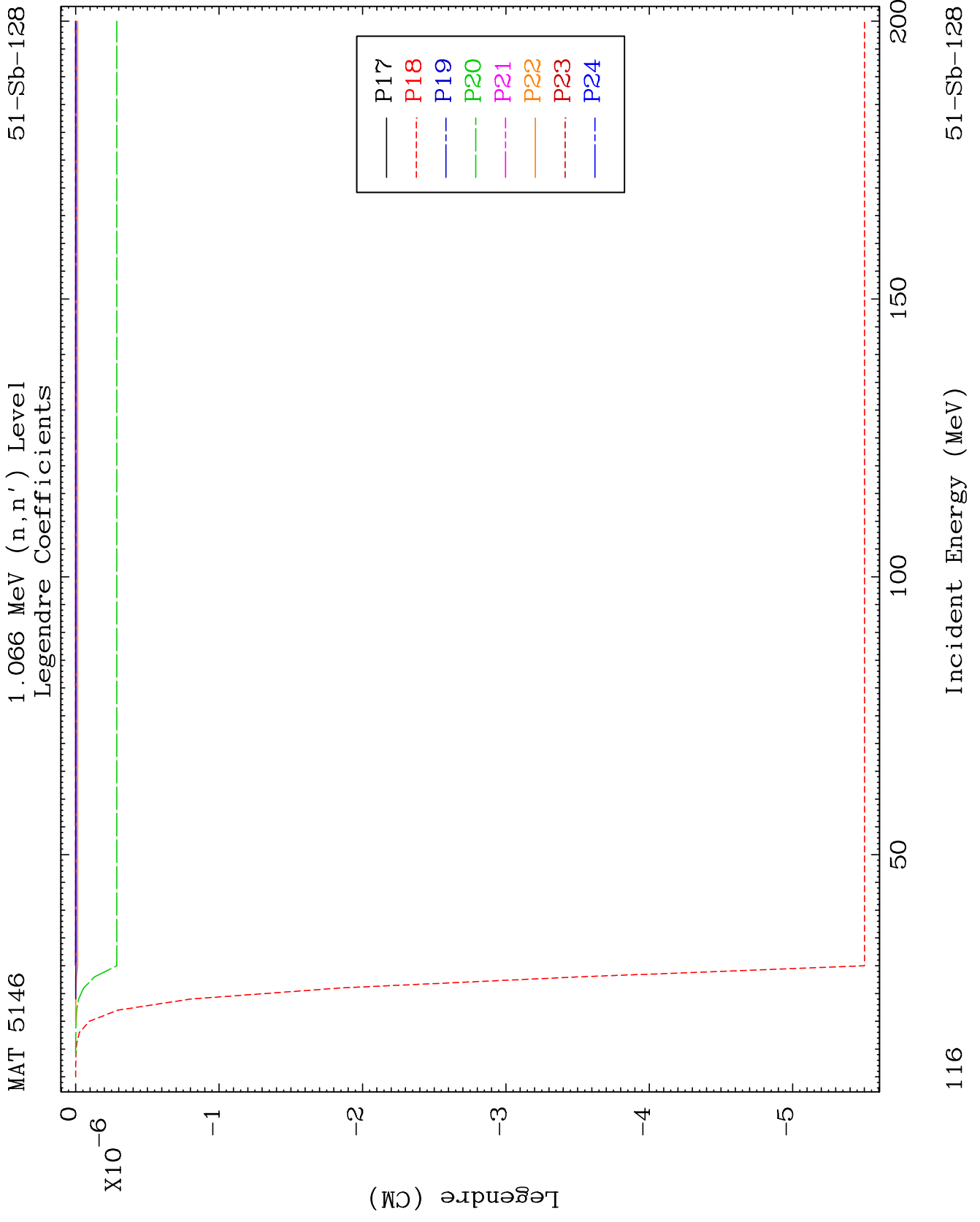
112

Incident Energy (MeV)

51-Sb-128



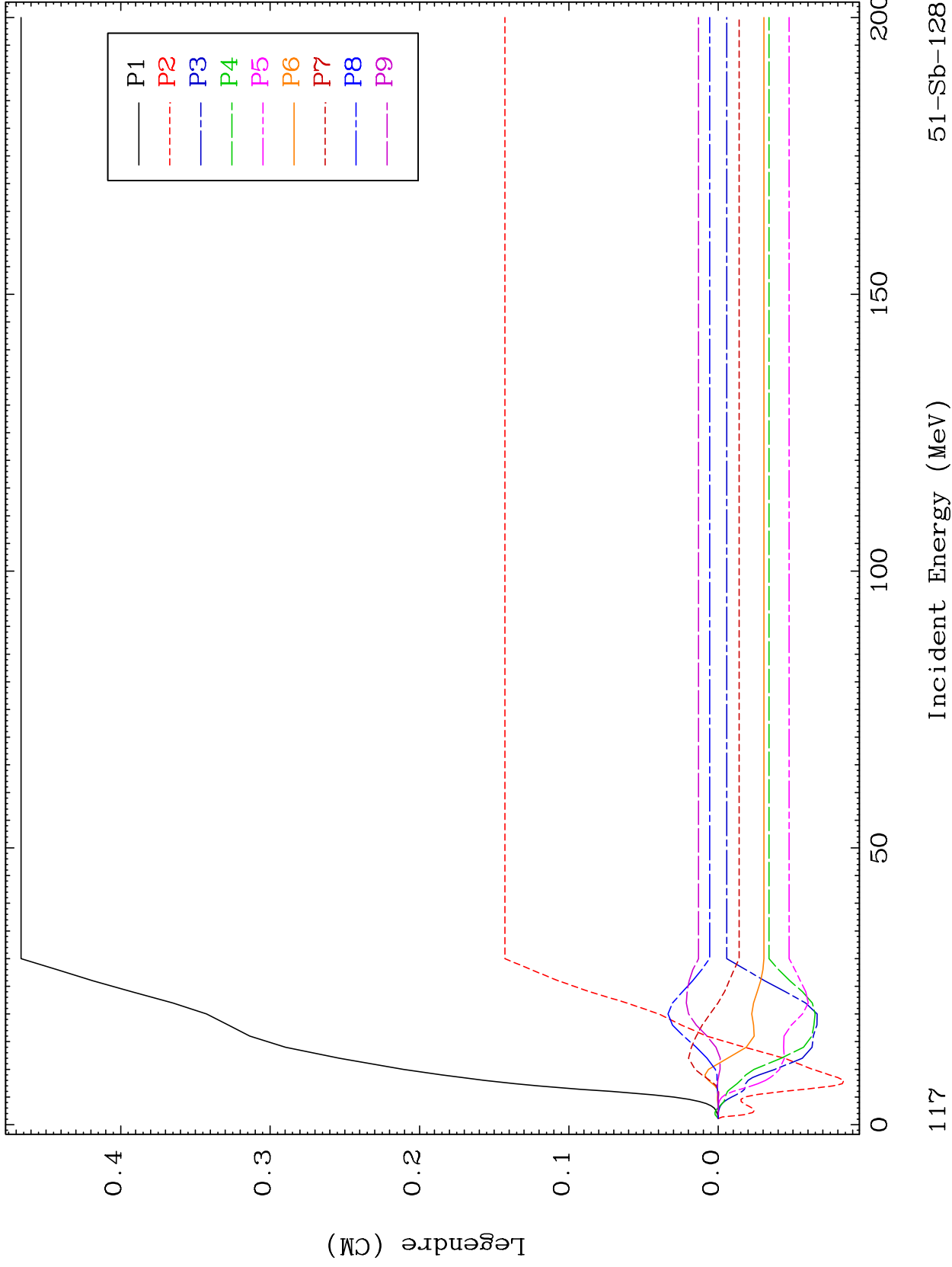




MAT 5146

1.077 MeV (n,n') Level
Legendre Coefficients

51-Sb-128



117

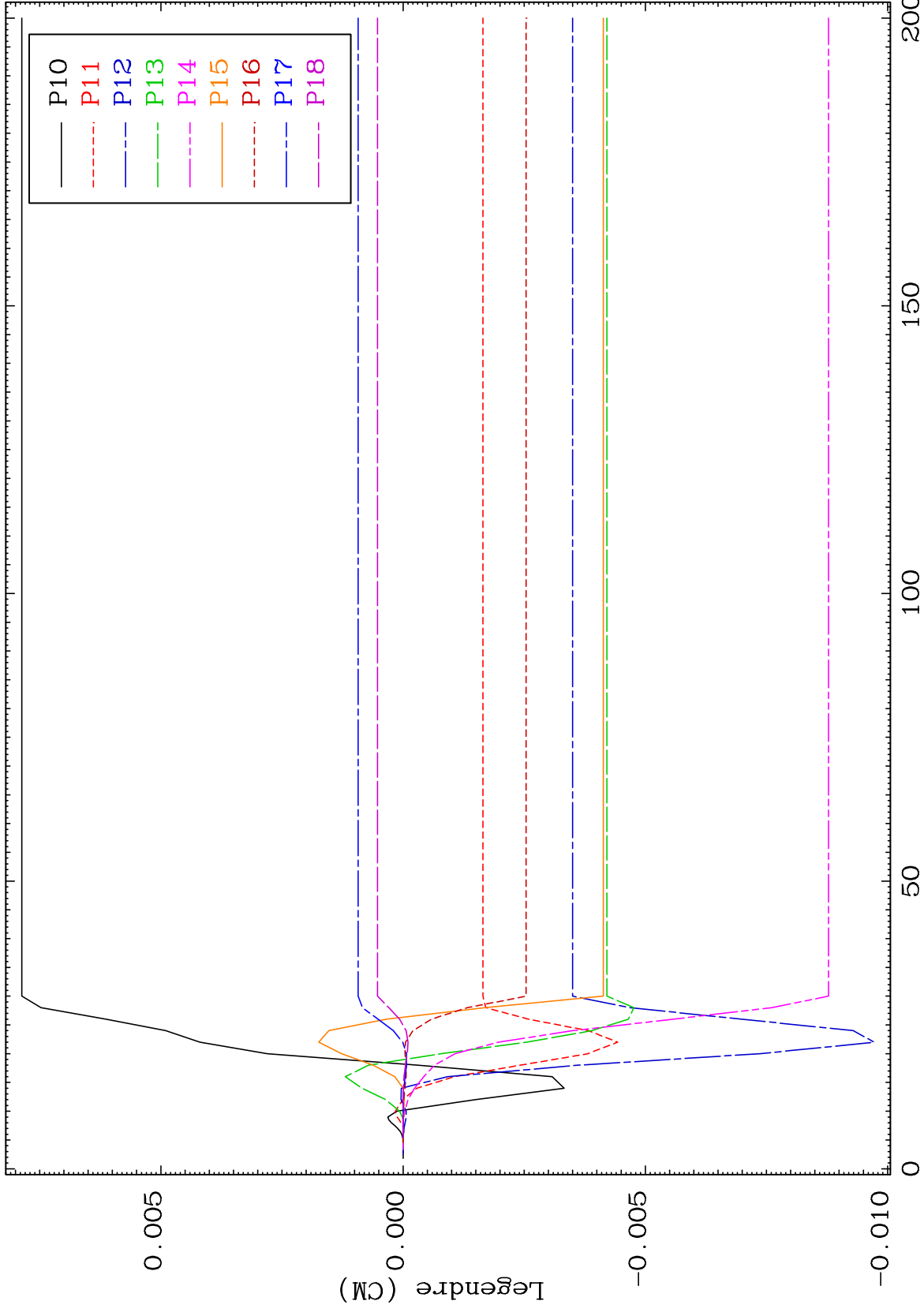
Incident Energy (MeV)

51-Sb-128

MAT 5146

1.077 MeV (n,n') Level
Legendre Coefficients

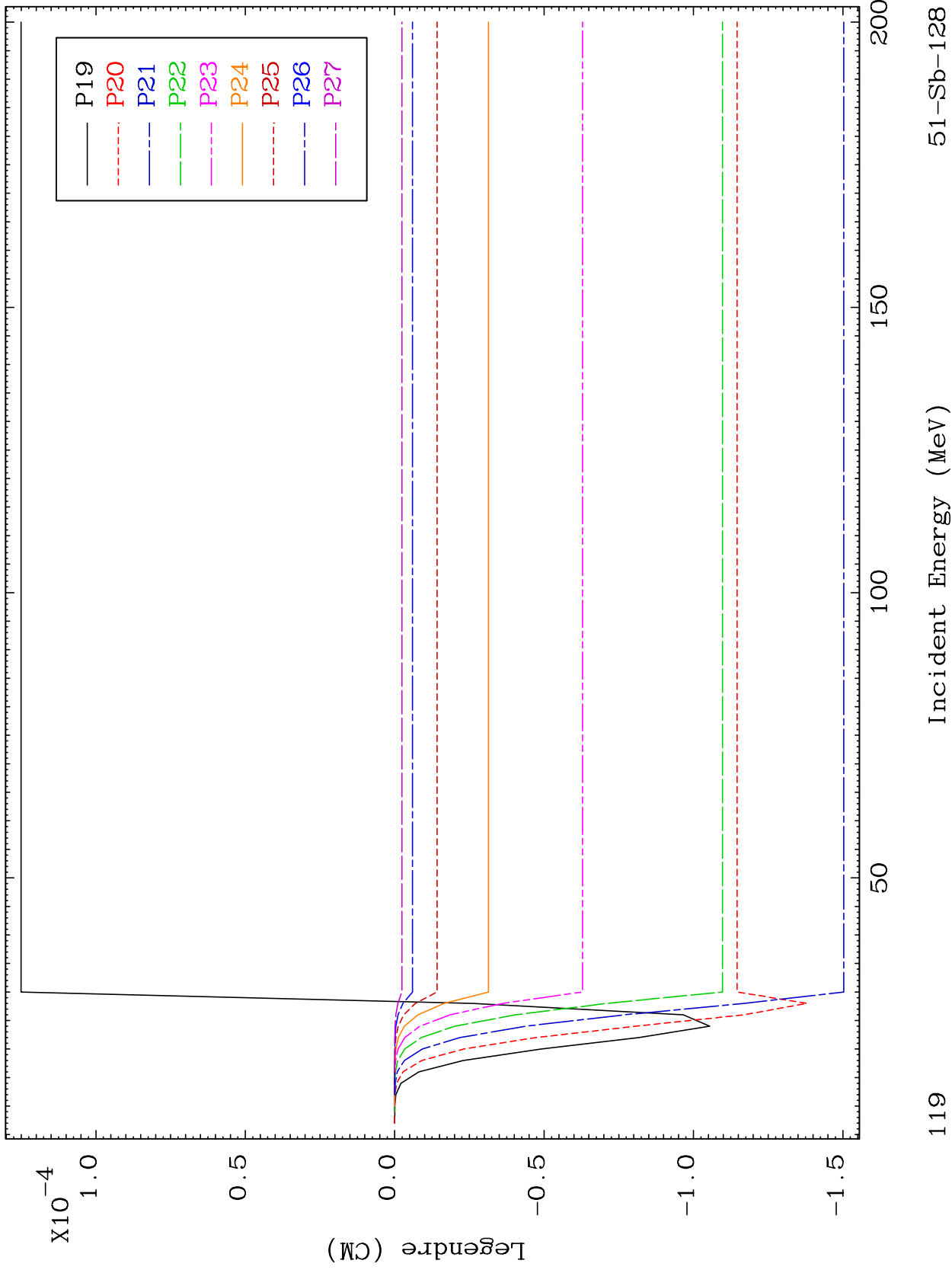
51-Sb-128

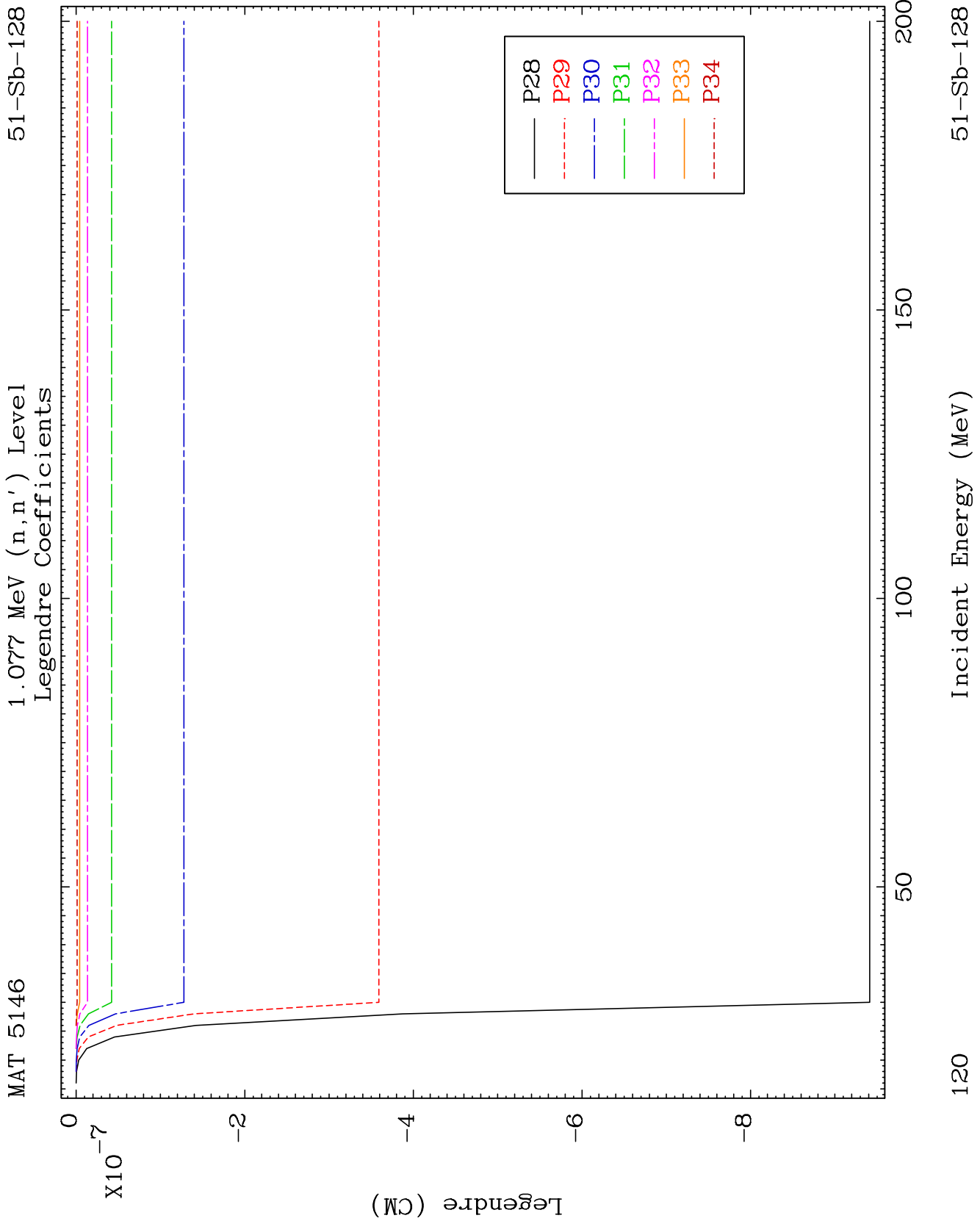


51-Sb-128

Incident Energy (MeV)

118

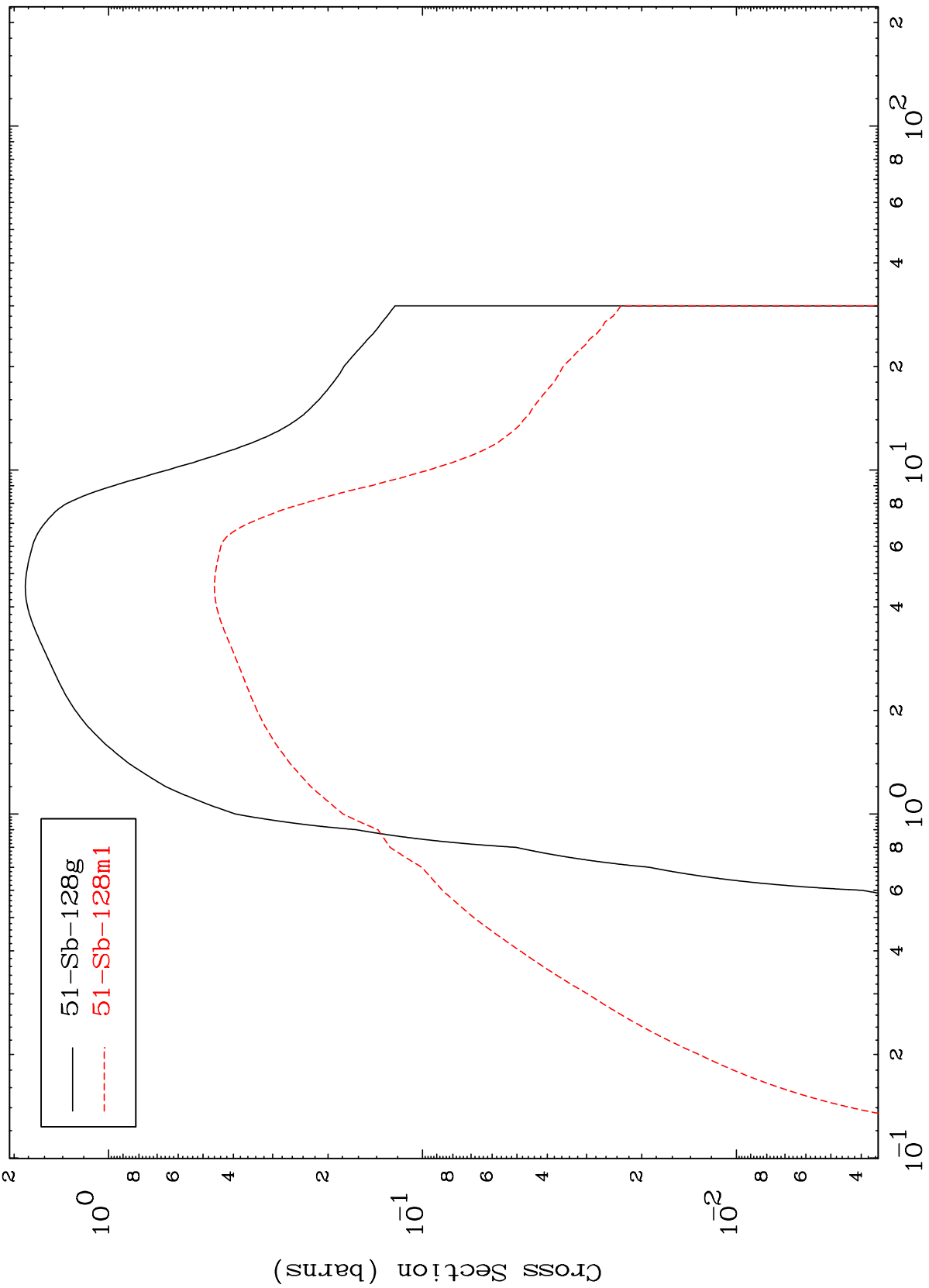




MAT 5146

51-Sb-128

Radionuclide Production Cross Section



51-Sb-128g
51-Sb-128m1

51-Sb-128

Incident Energy (MeV)

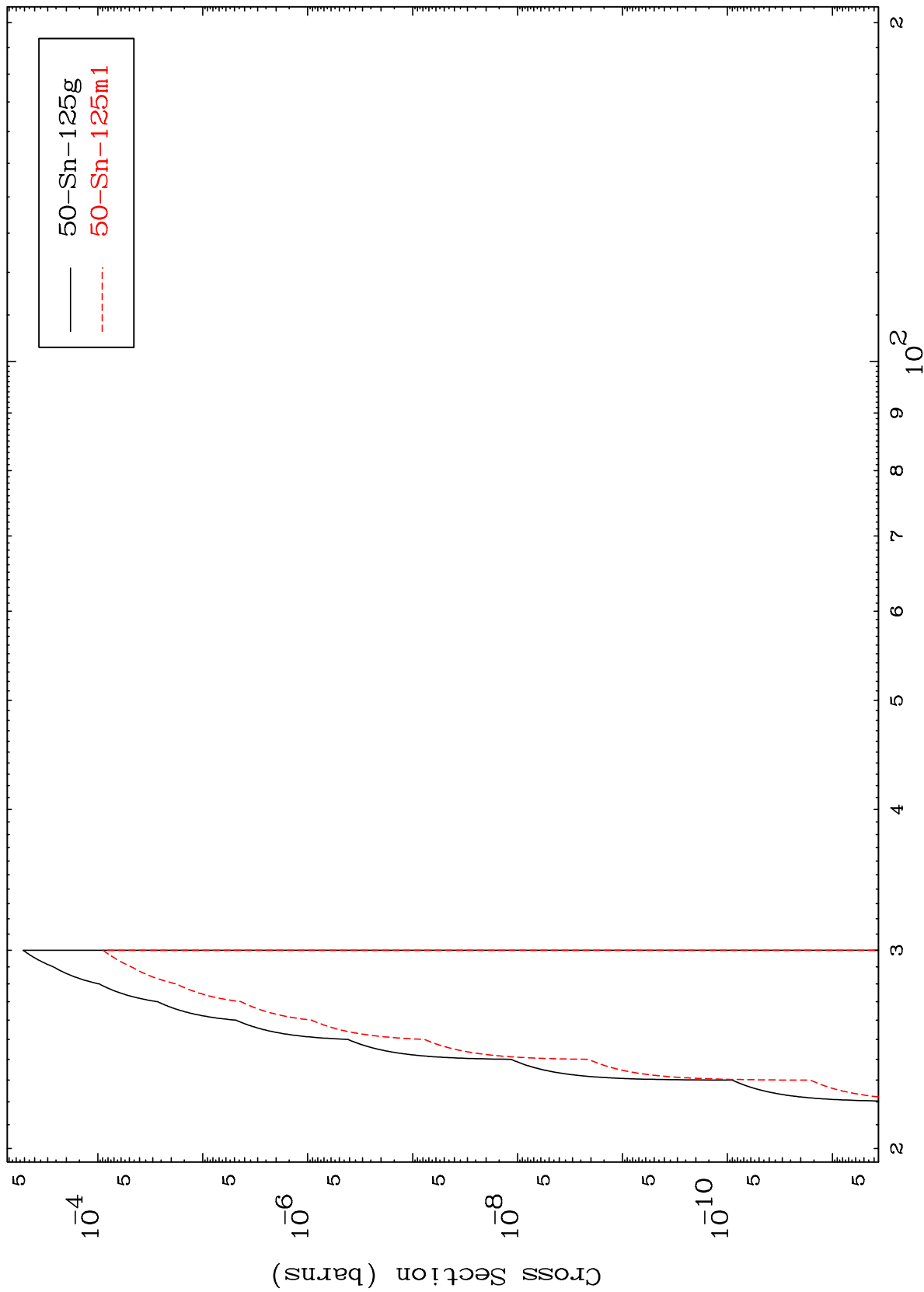
121

MAT 5146

(n,2n) d

51-Sb-128

Radionuclide Production Cross Section

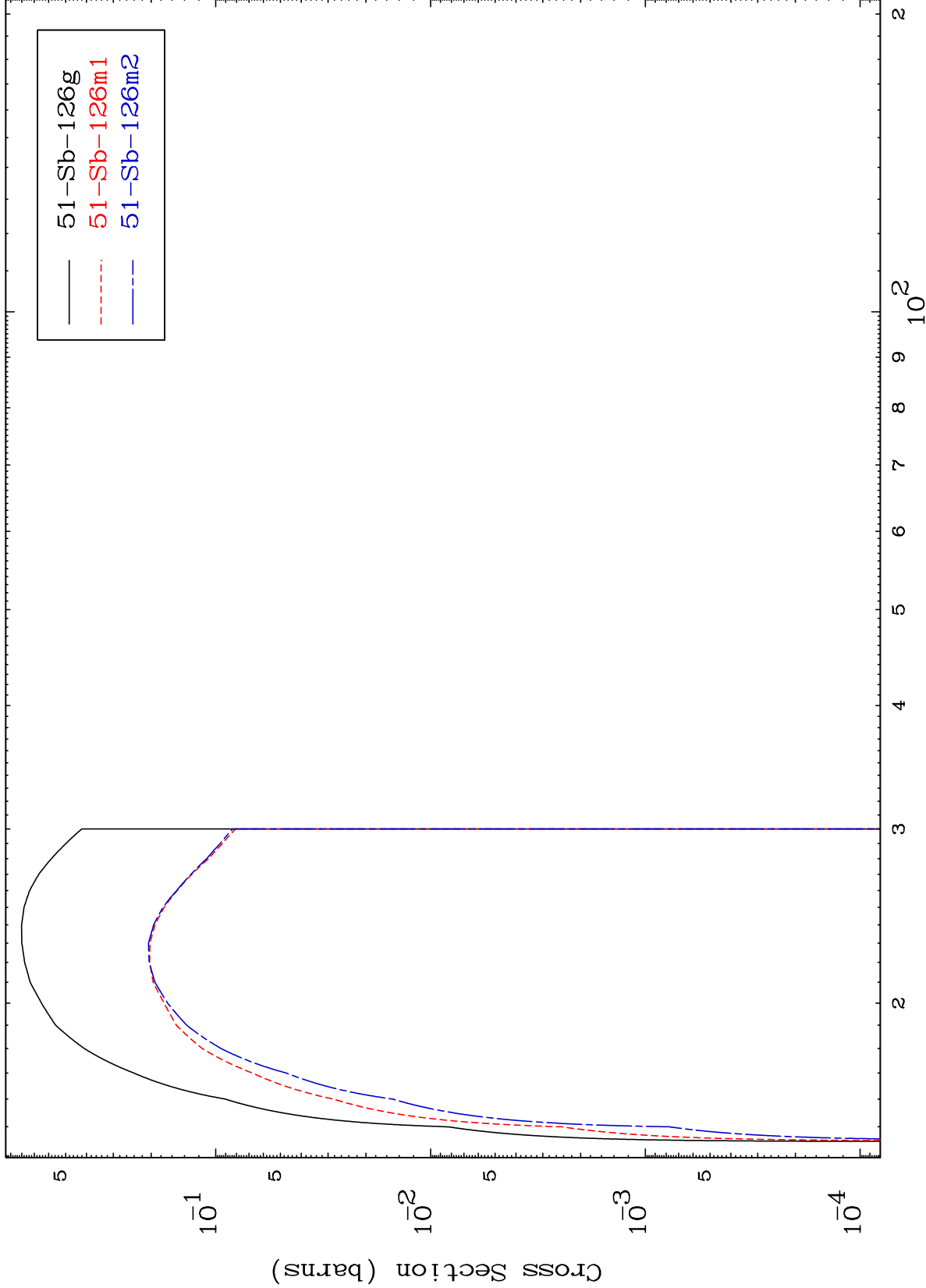


122

Incident Energy (MeV)

51-Sb-128

Radionuclide Production Cross Section



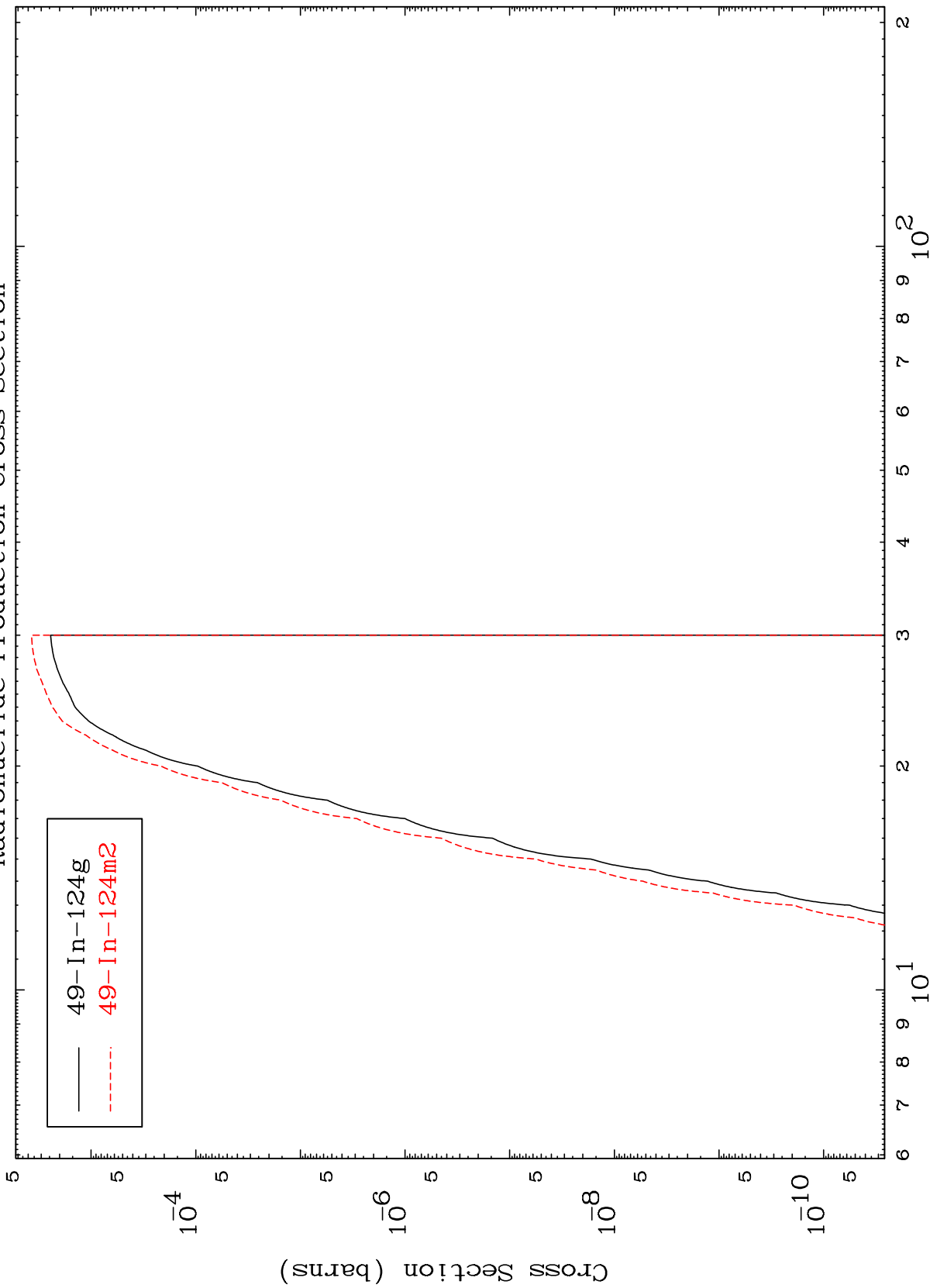
51-Sb-126g
51-Sb-126m1
51-Sb-126m2

MAT 5146

$(n, n') \alpha$

51-Sb-128

Radionuclide Production Cross Section



— 49-In-124g
- - - 49-In-124m2

124

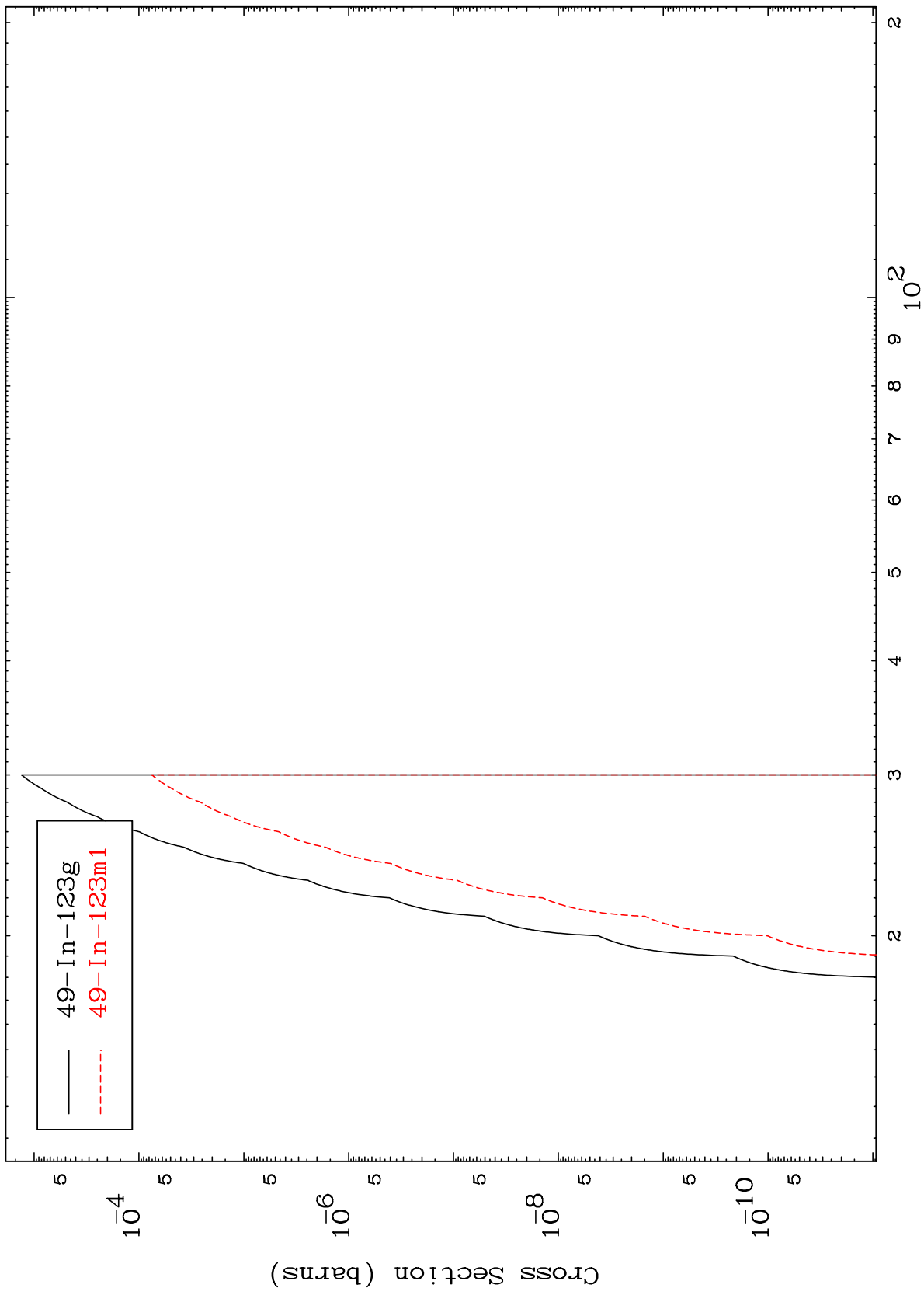
Incident Energy (MeV)

51-Sb-128

MAT 5146

51-Sb-128

(n,2n) α
Radionuclide Production Cross Section



125

Incident Energy (MeV)

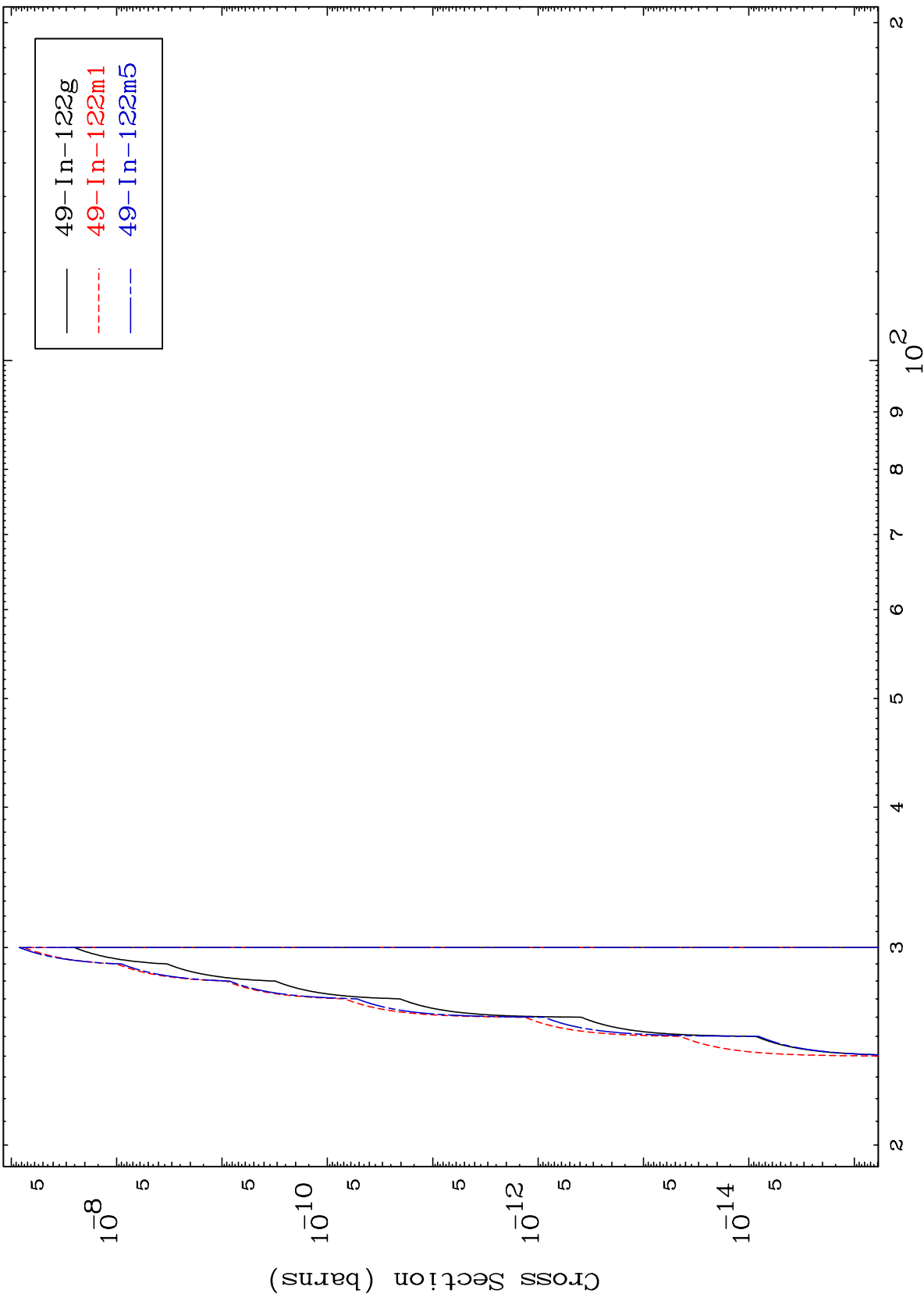
51-Sb-128

MAT 5146

(n,3n) α

51-Sb-128

Radionuclide Production Cross Section



126

Incident Energy (MeV)

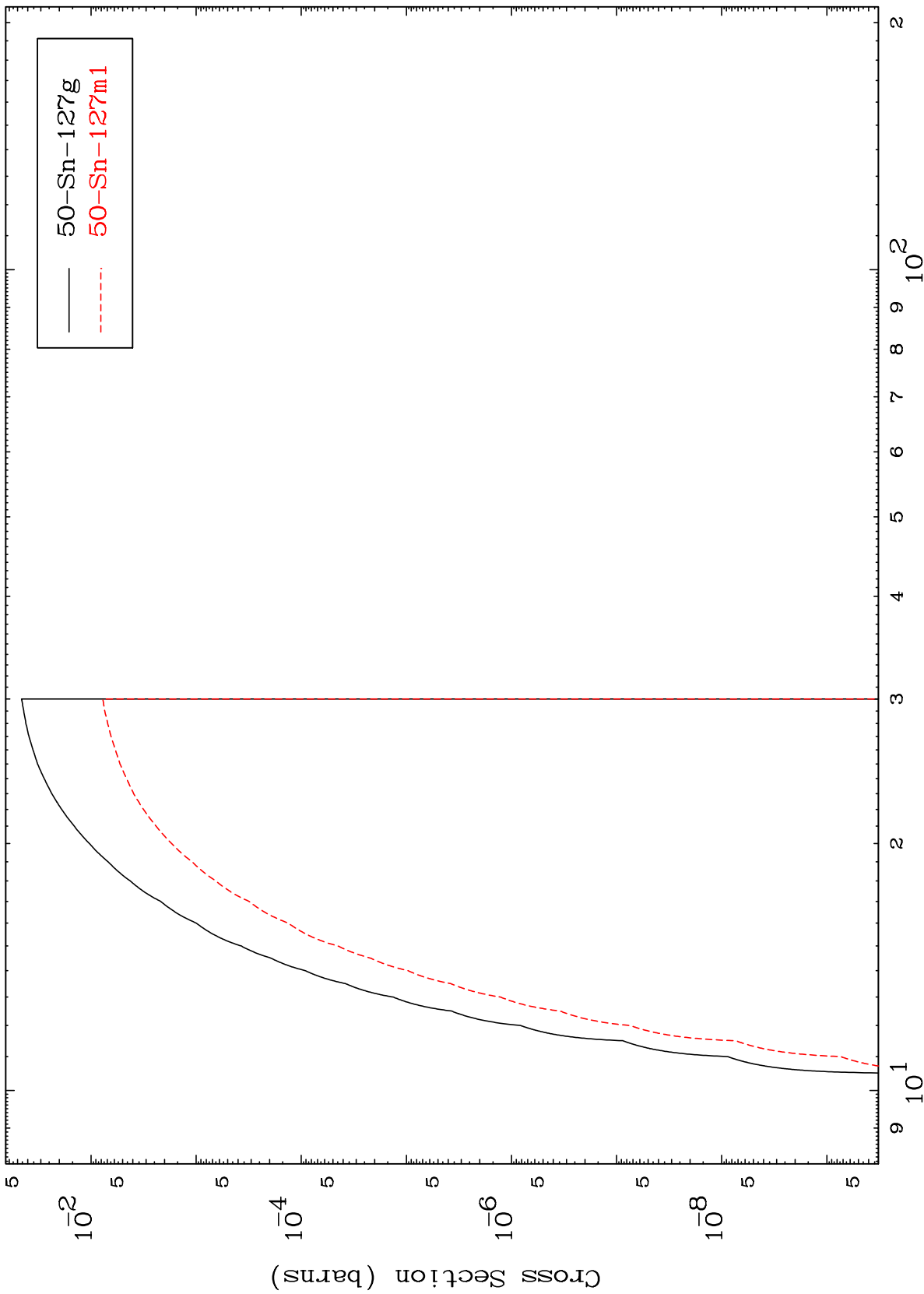
51-Sb-128

MAT 5146

(n,n') p

51-Sb-128

Radionuclide Production Cross Section



127

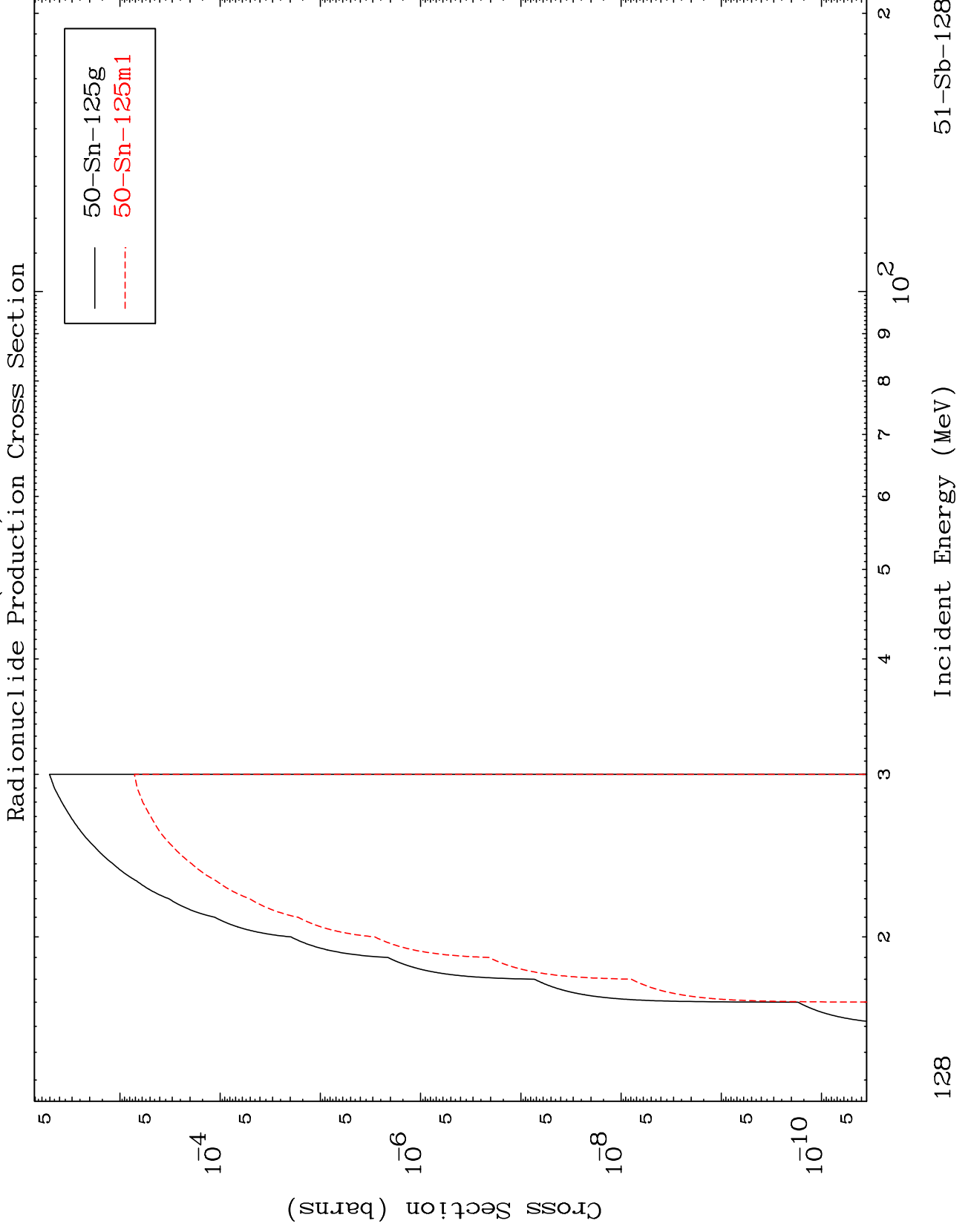
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n,n') t

51-Sb-128

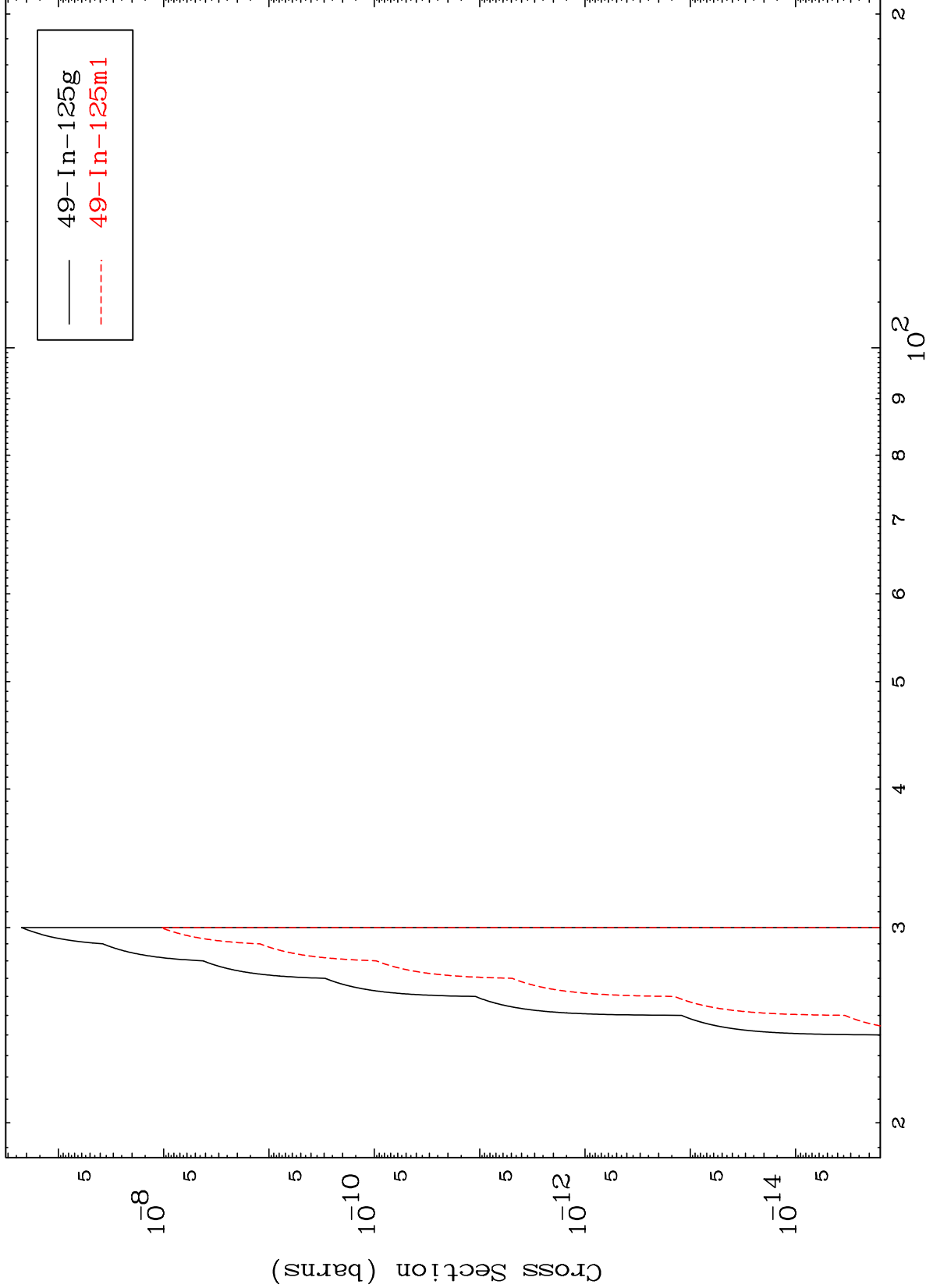


128

Incident Energy (MeV)

51-Sb-128

Radionuclide Production Cross Section

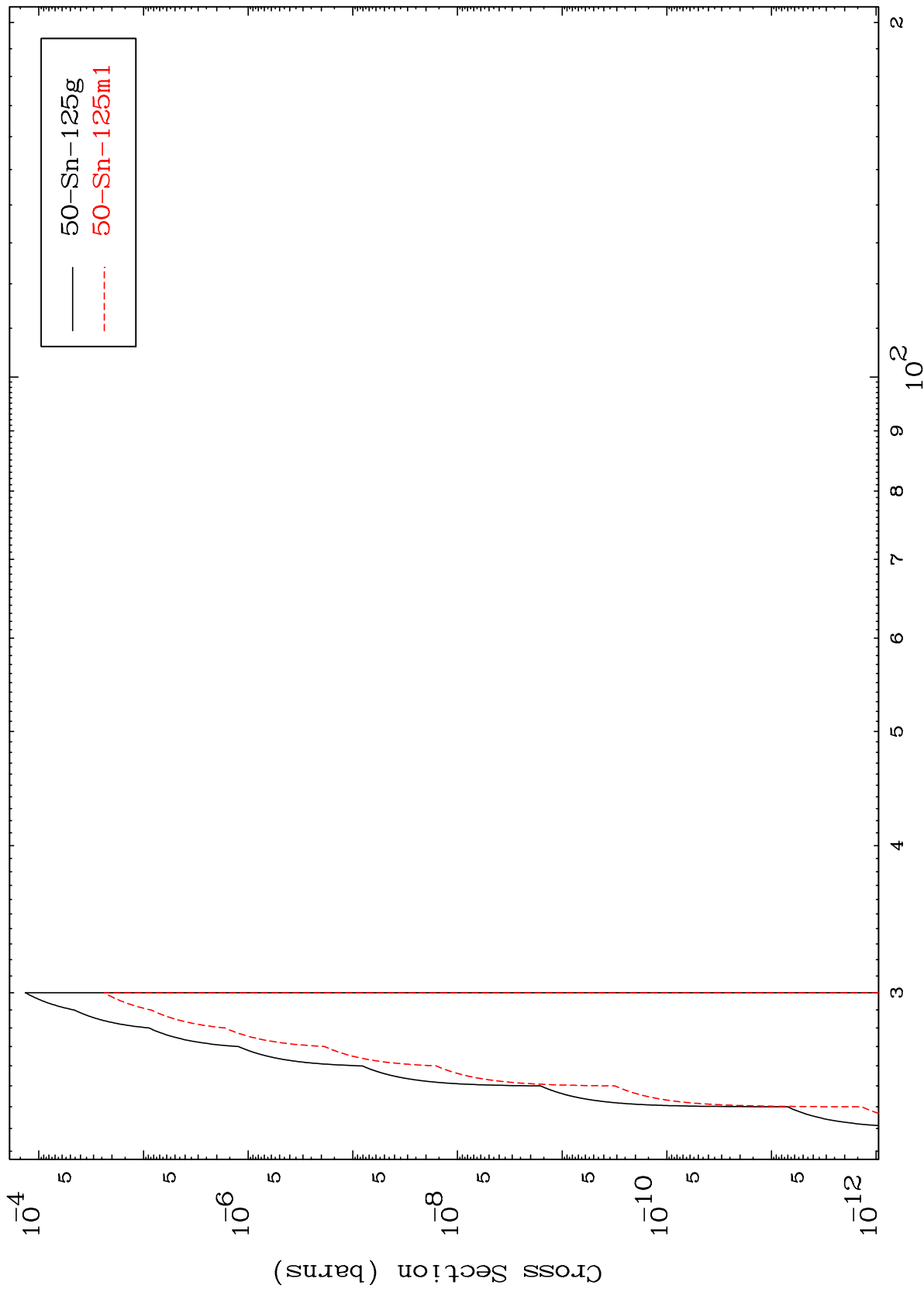


MAT 5146

(n,3n) p

51-Sb-128

Radionuclide Production Cross Section



130

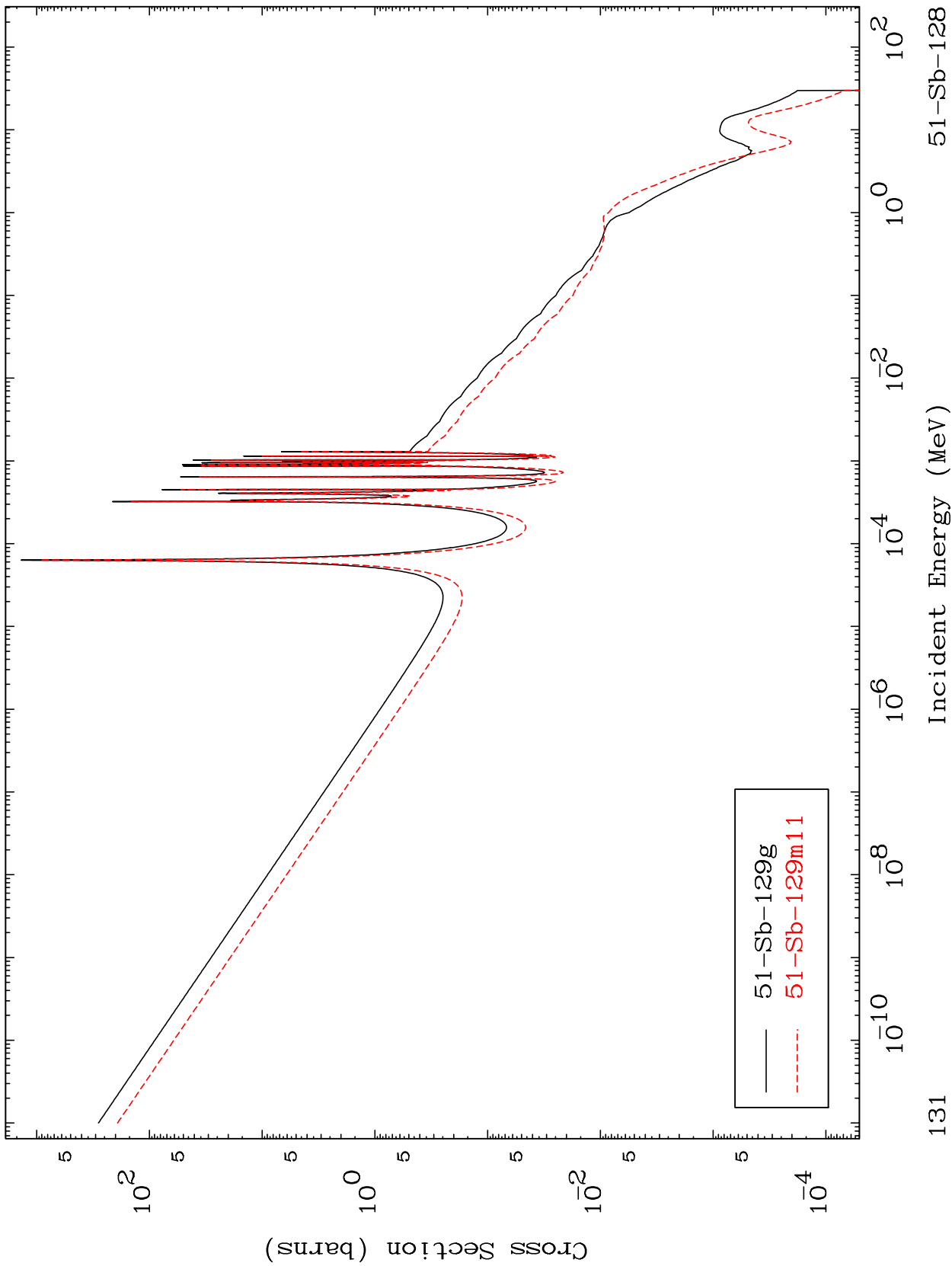
Incident Energy (MeV)

51-Sb-128

MAT 5146

51-Sb-128

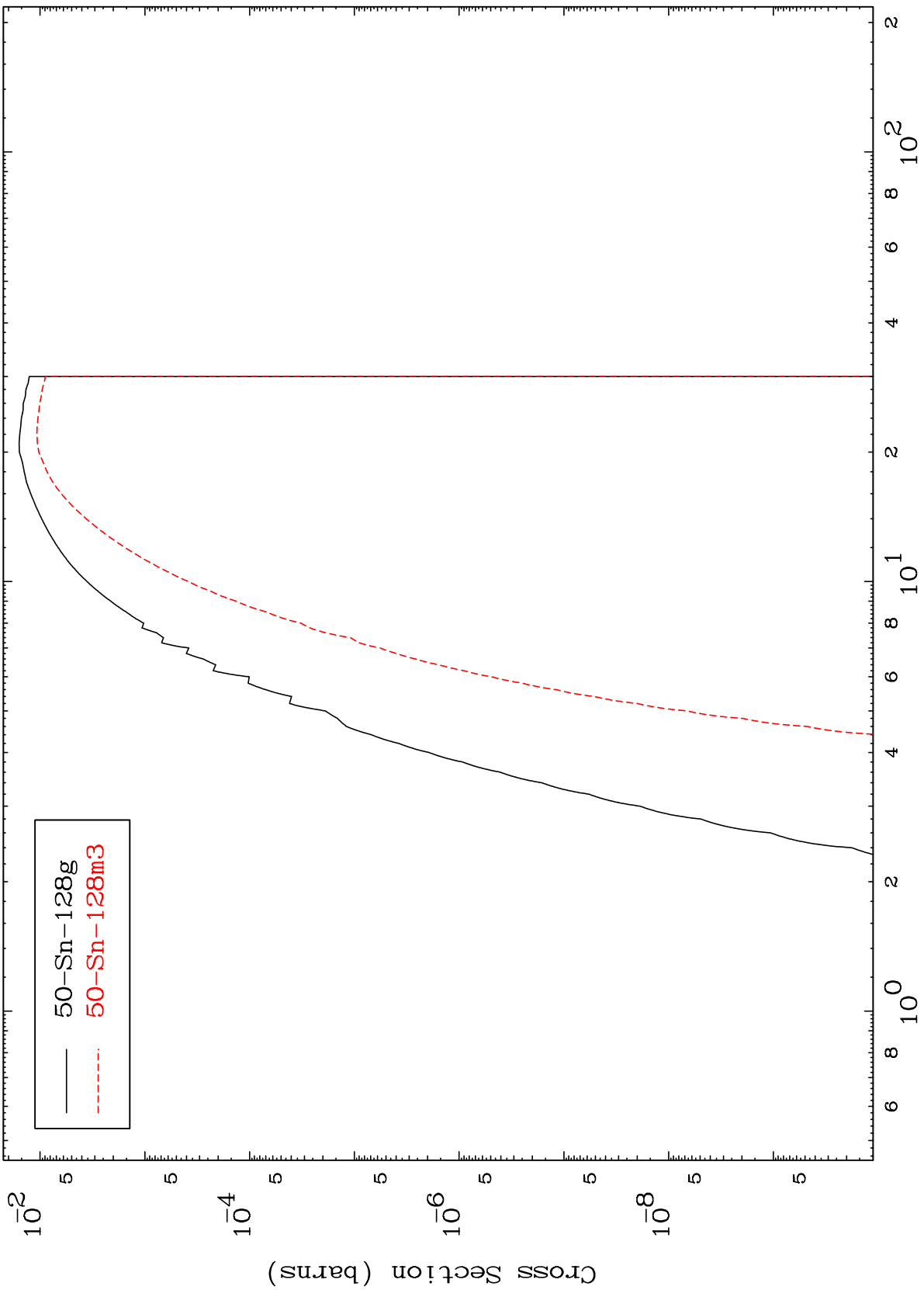
(n, γ)
Radionuclide Production Cross Section



MAT 5146

51-Sb-128

(n,p)
Radionuclide Production Cross Section



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

132

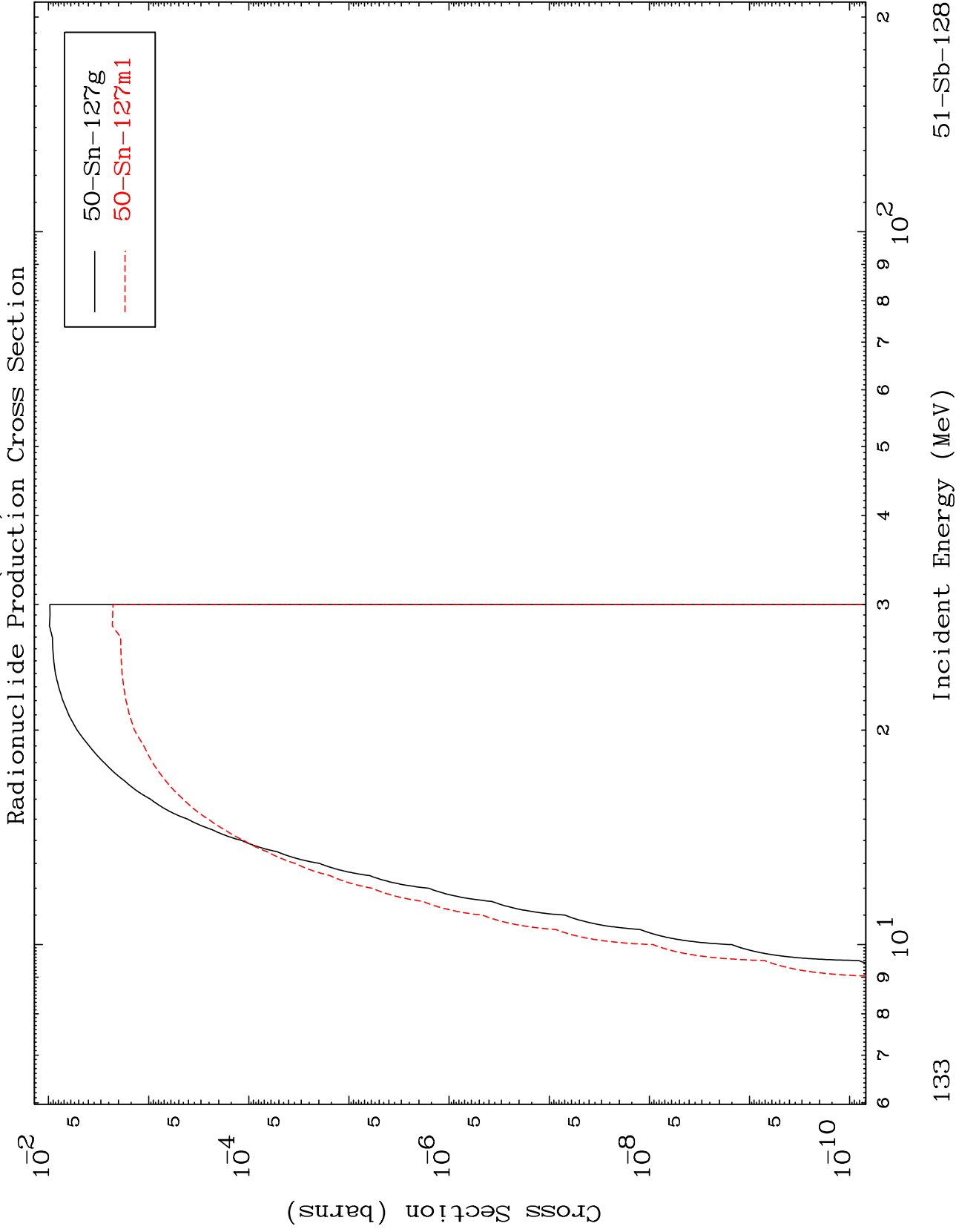
Incident Energy (MeV)

51-Sb-128

MAT 5146

(n,d)

51-Sb-128



133

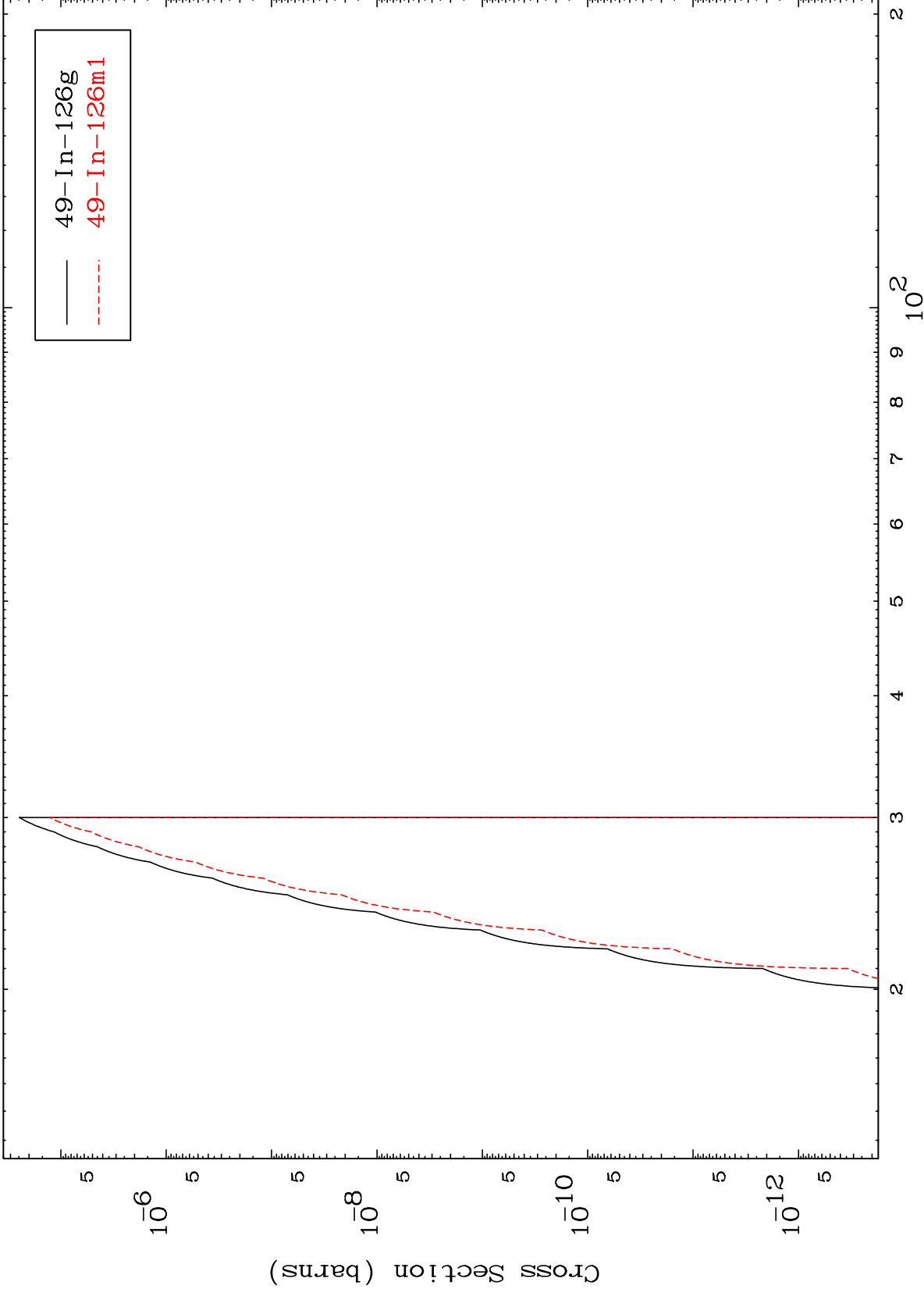
51-Sb-128

MAT 5146

(n,He-3)

51-Sb-128

Radionuclide Production Cross Section



134

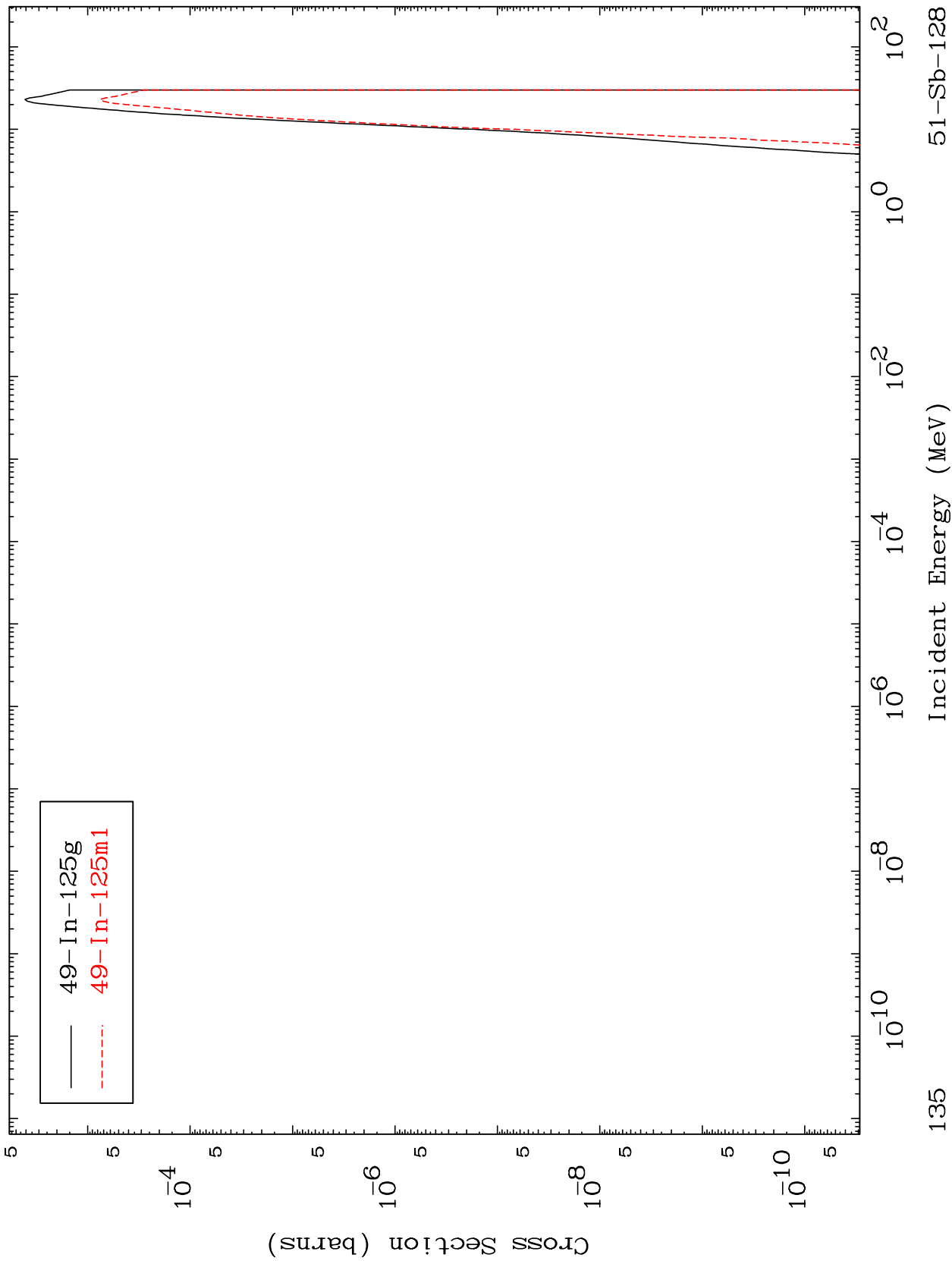
Incident Energy (MeV)

51-Sb-128

MAT 5146

51-Sb-128

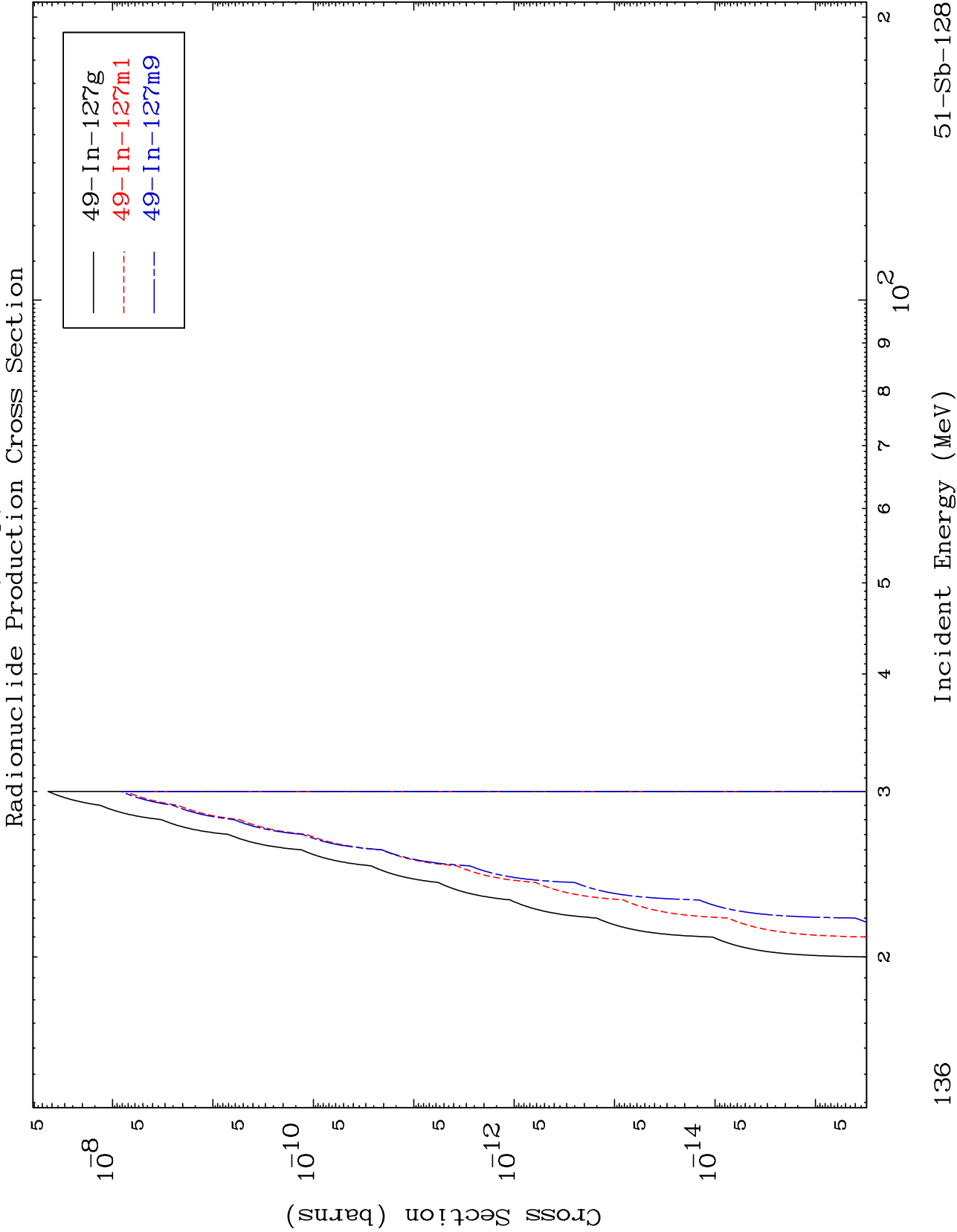
(n, α)
Radionuclide Production Cross Section



MAT 5146

(n,2p)

51-Sb-128



136

51-Sb-128