

Program EVALPLOT  
(Version 2021-1)

by

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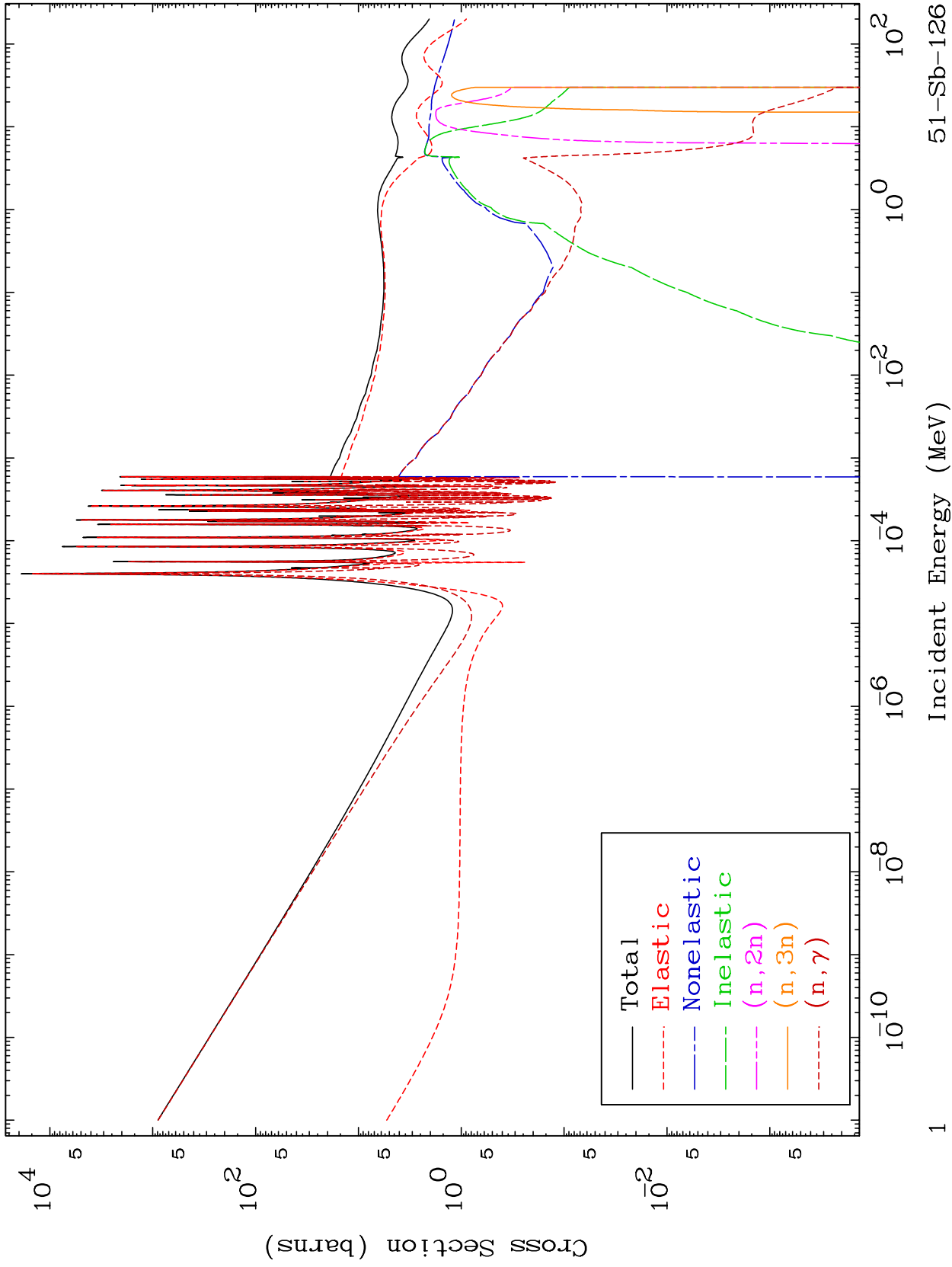
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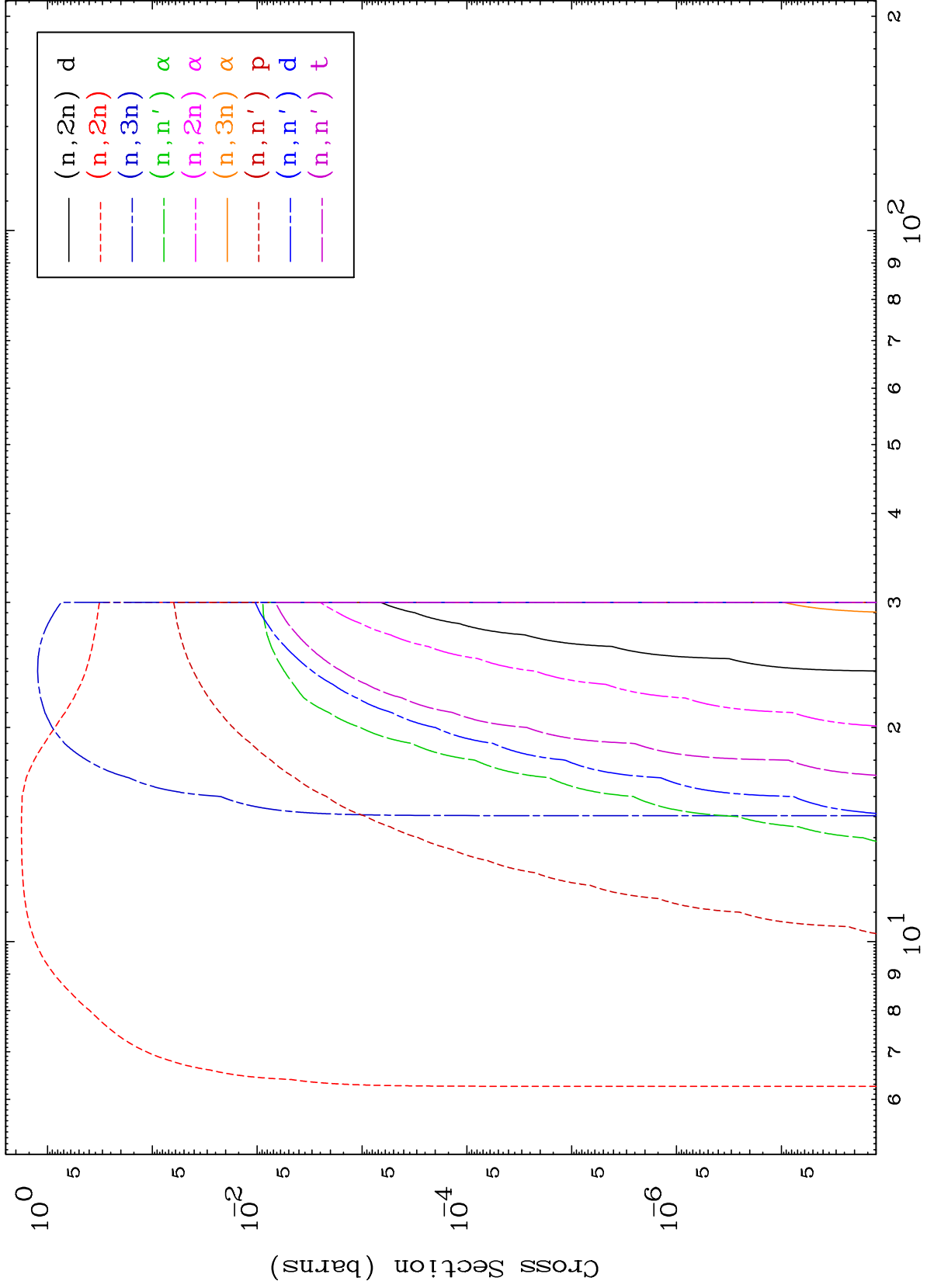
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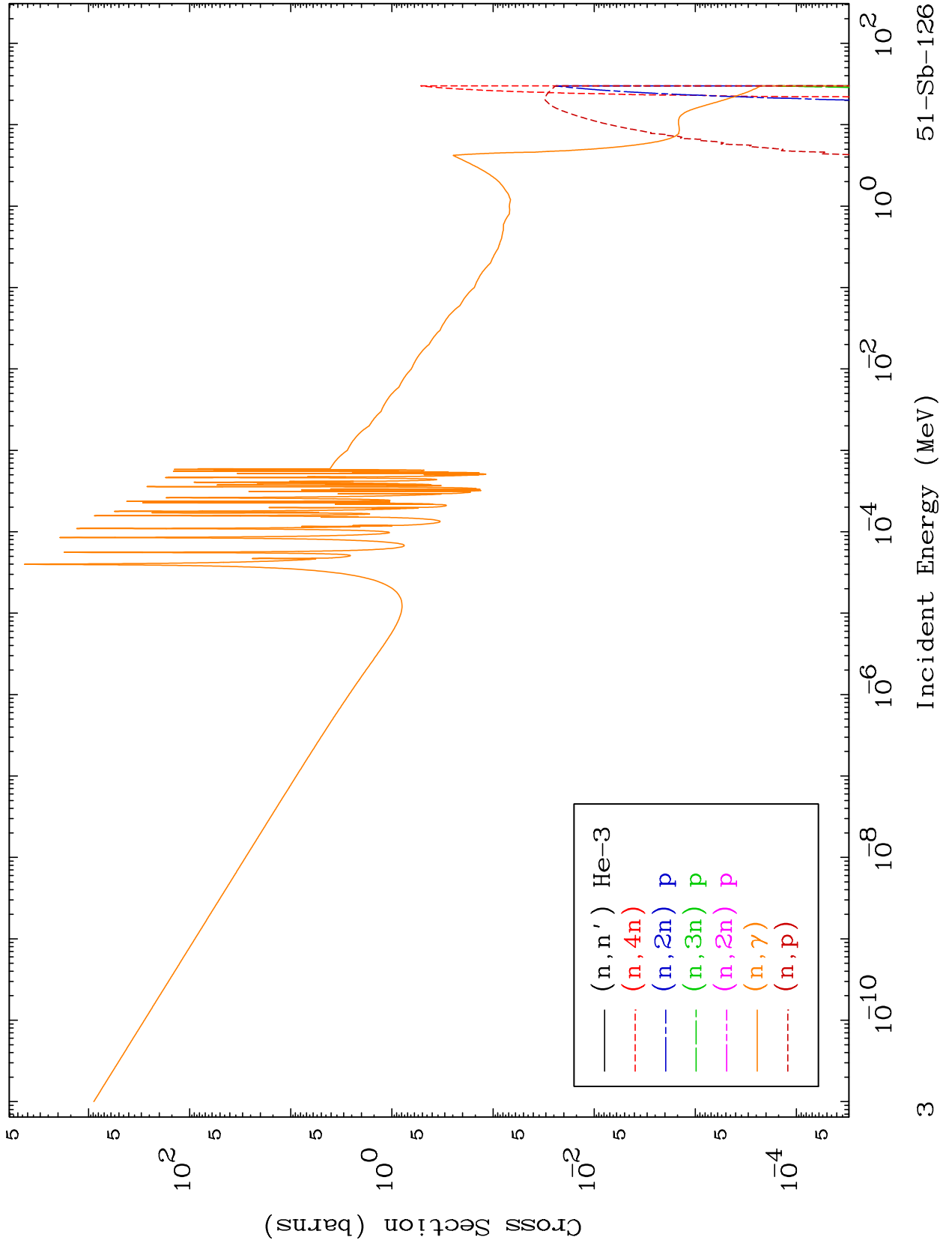
MAT 5140

Neutron Major  
293 Kelvin Cross Sections

51-Sb-126



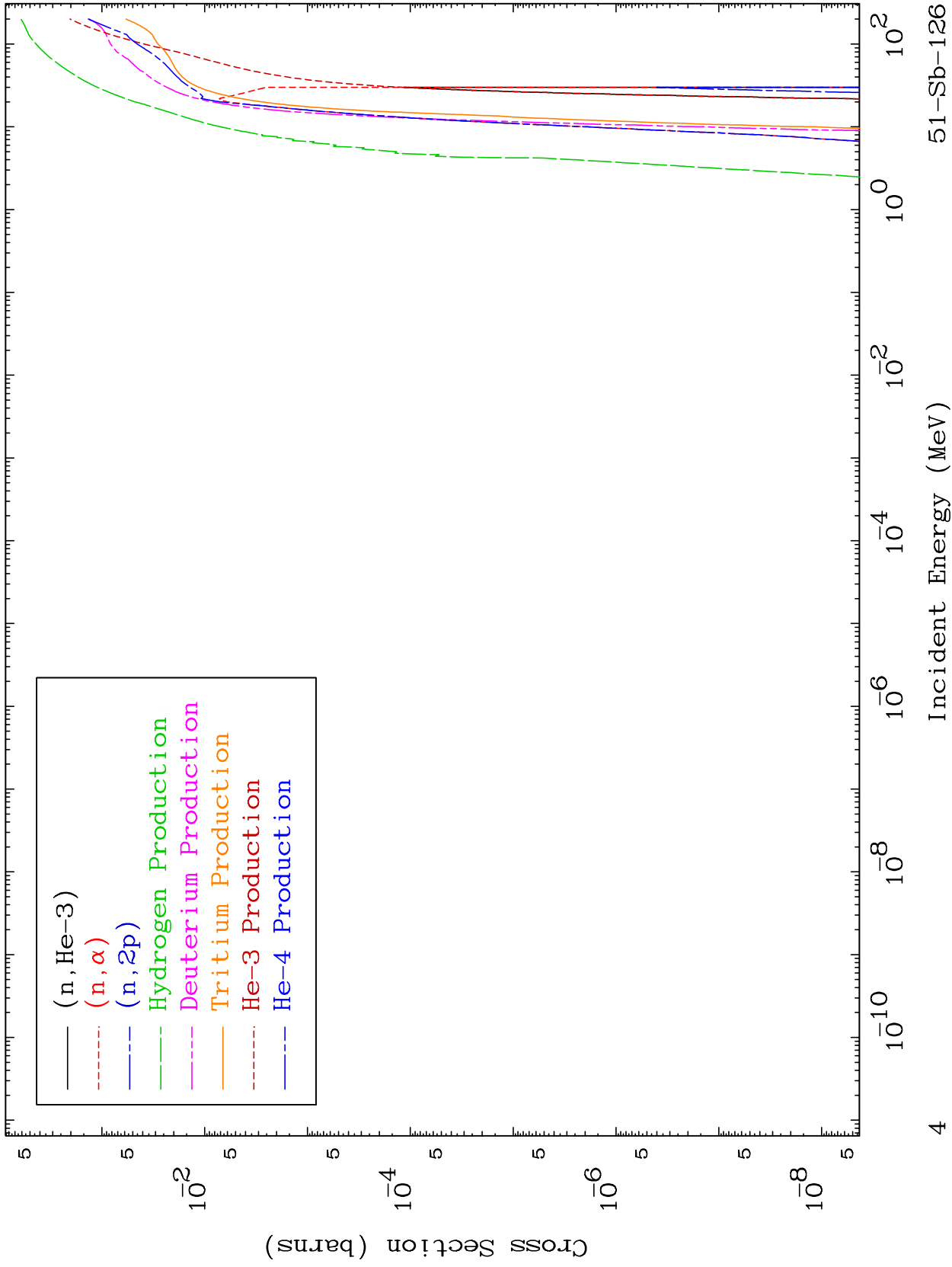


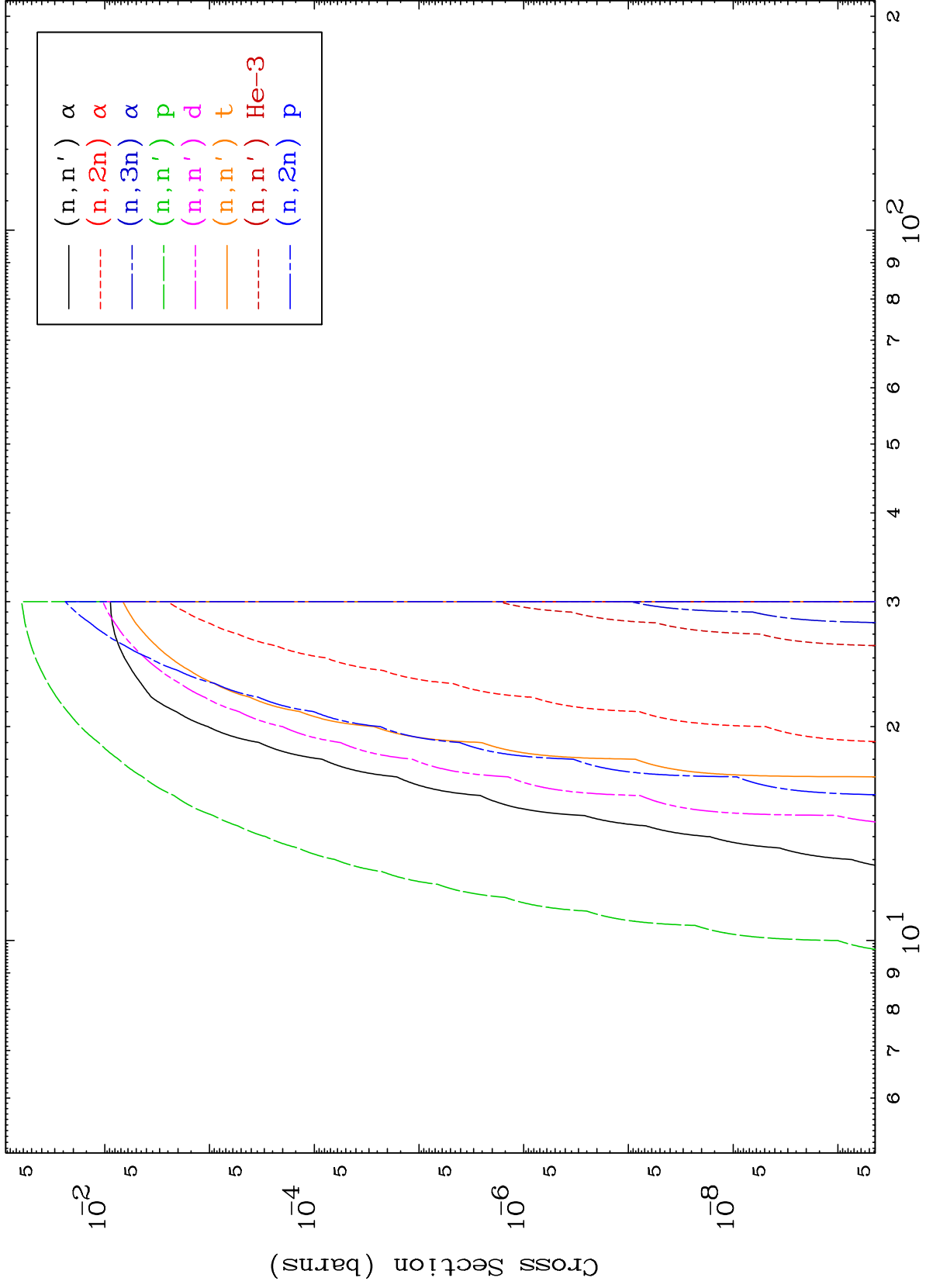


MAT 5140

Neutron Absorption  
293 Kelvin Cross Sections

51-Sb-126

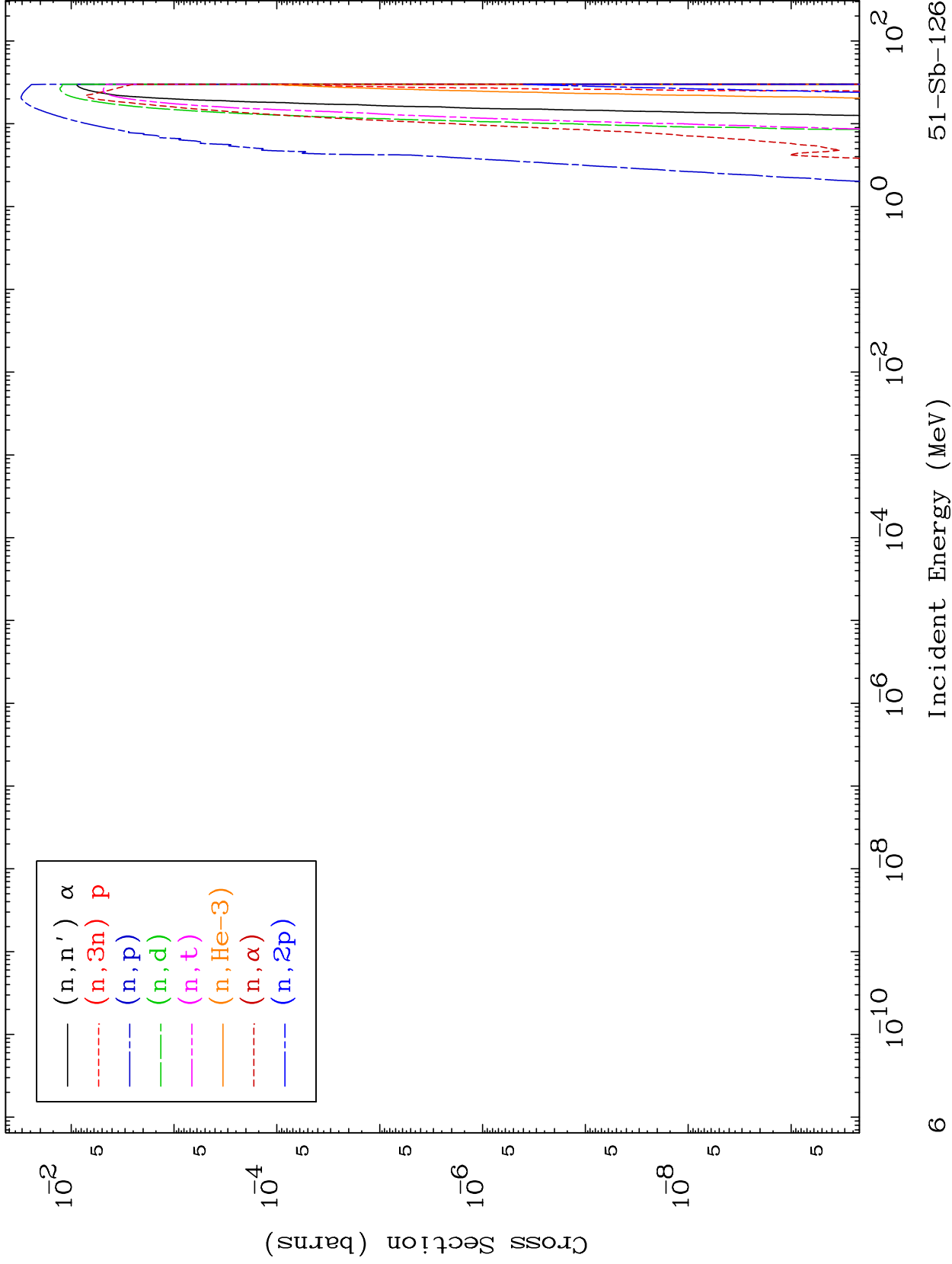


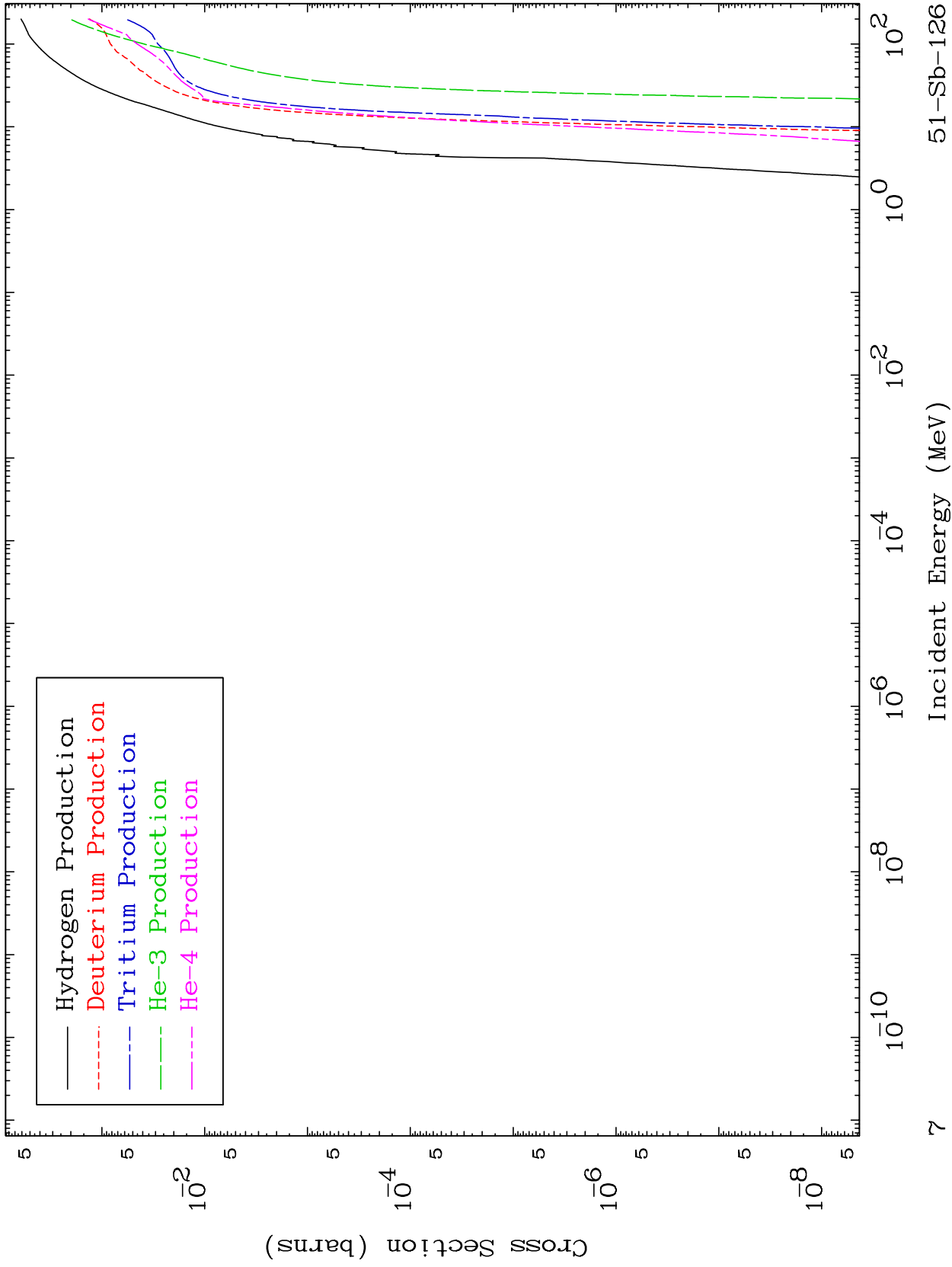


MAT 5140

Charged Particle  
293 Kelvin Cross Sections

51-Sb-126



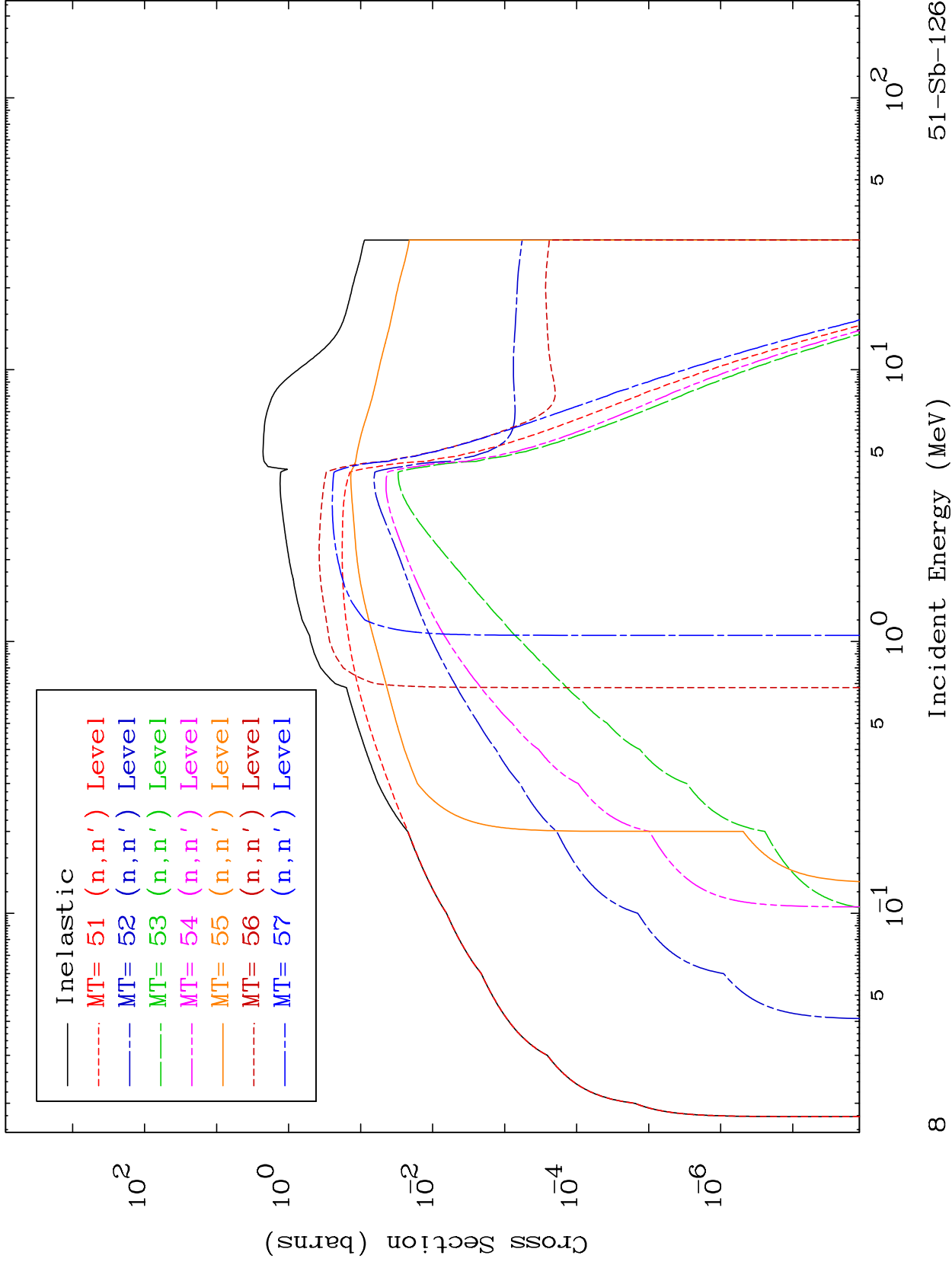


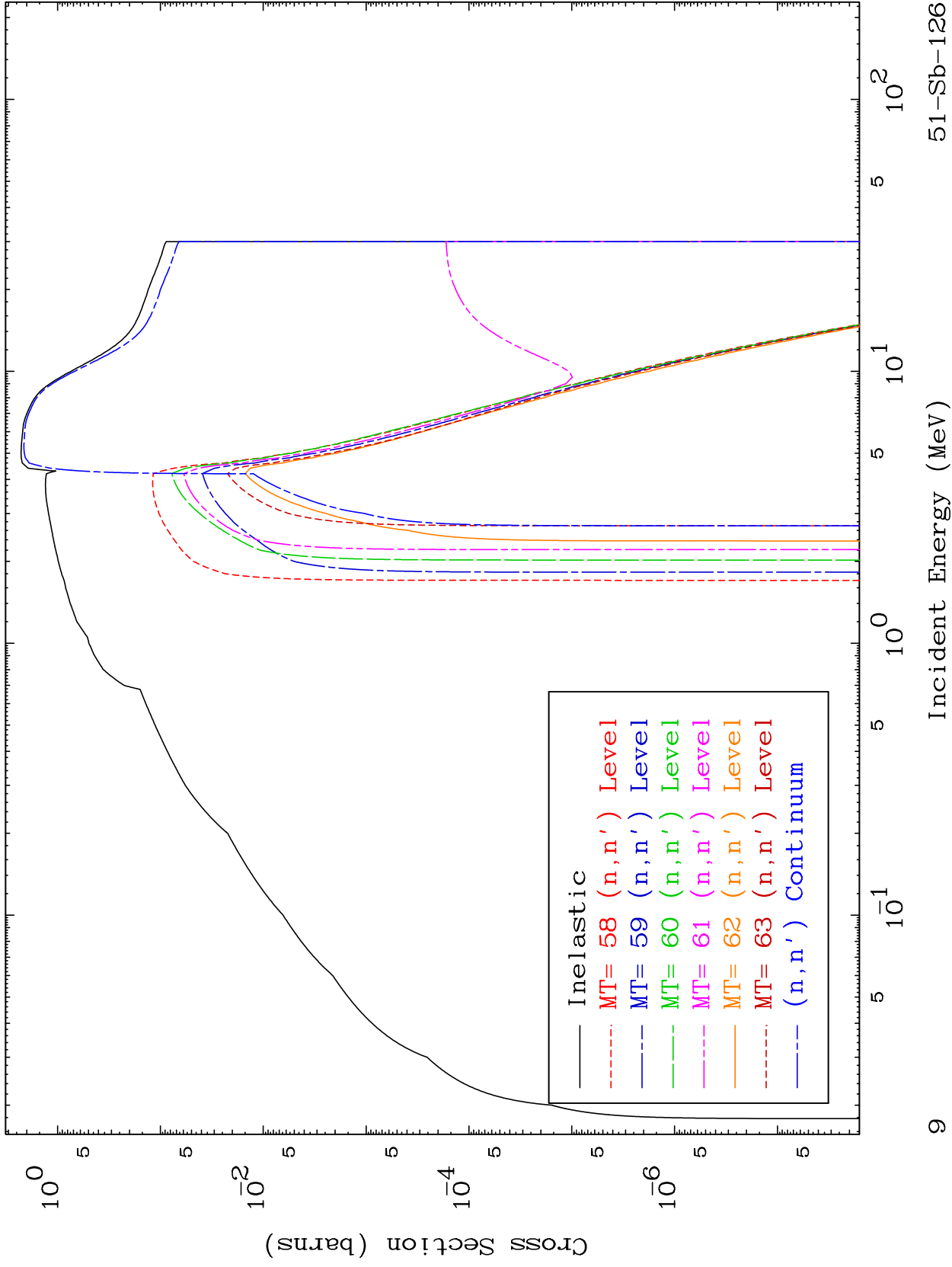


MAT 5140

293 (n,n') Levels

51-Sb-126

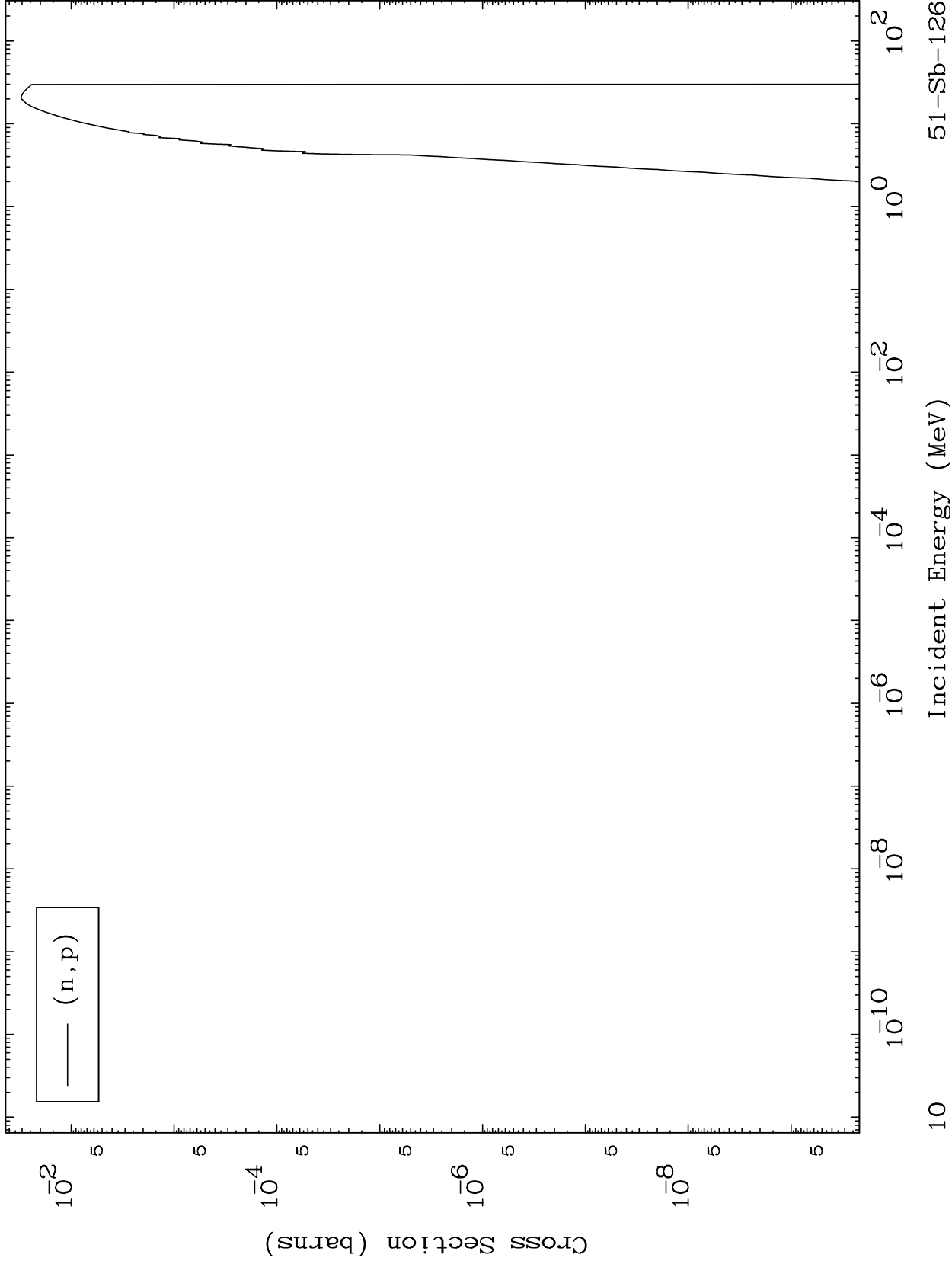




MAT 5140

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-126



10

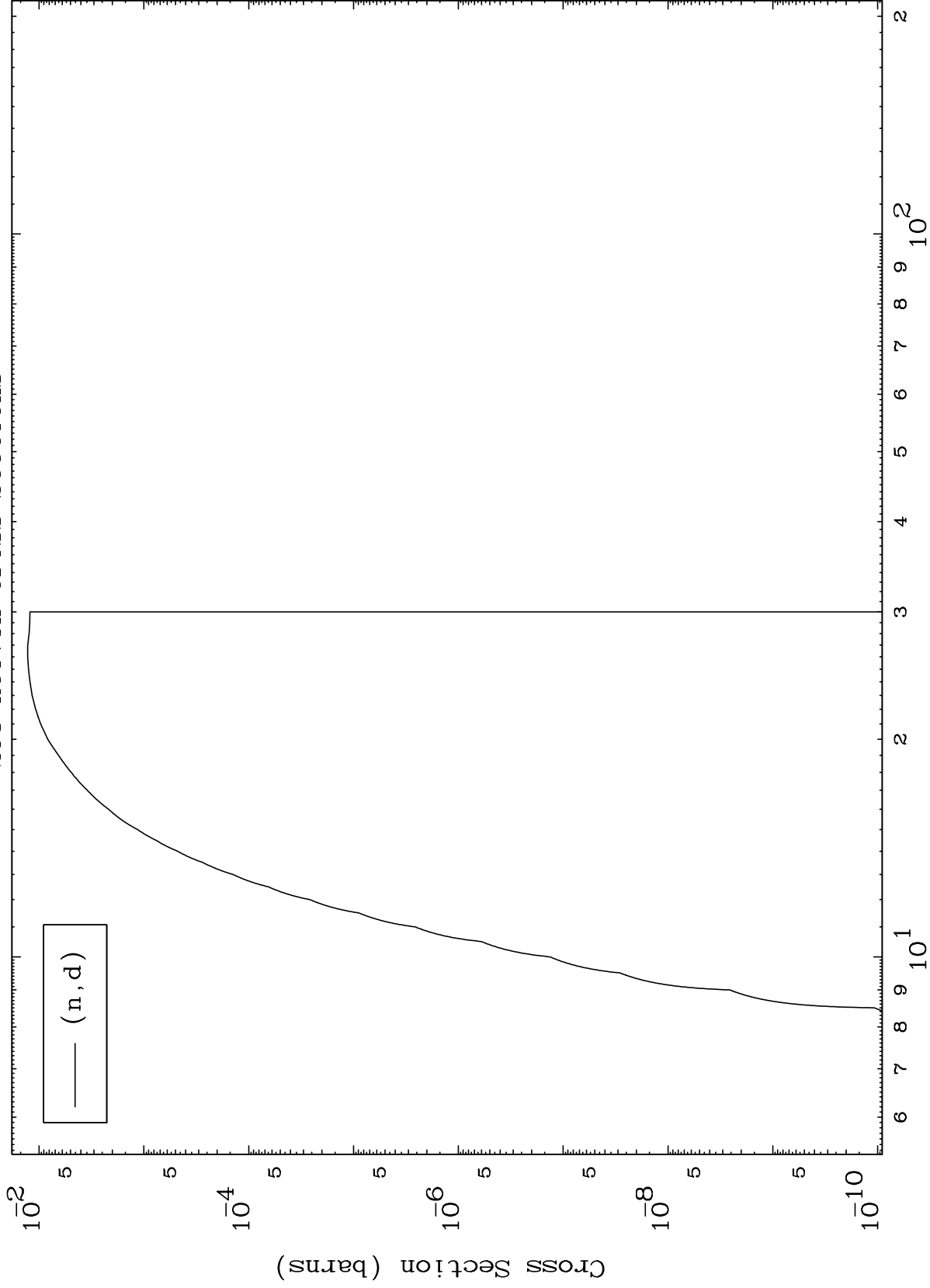
Incident Energy (MeV)

51-Sb-126

MAT 5140

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-126



11

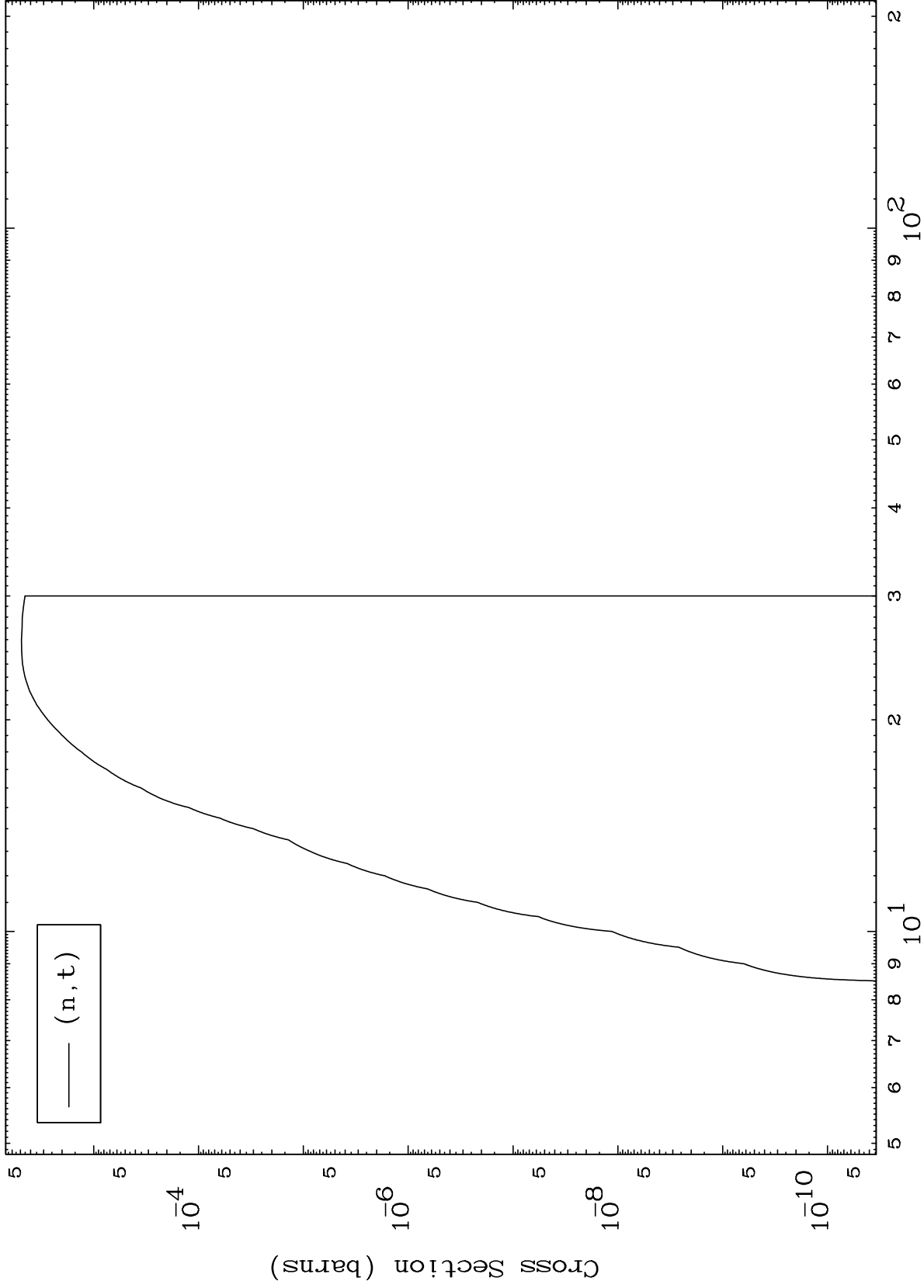
Incident Energy (MeV)

51-Sb-126

MAT 5140

(n,t) Levels  
293 Kelvin Cross Sections

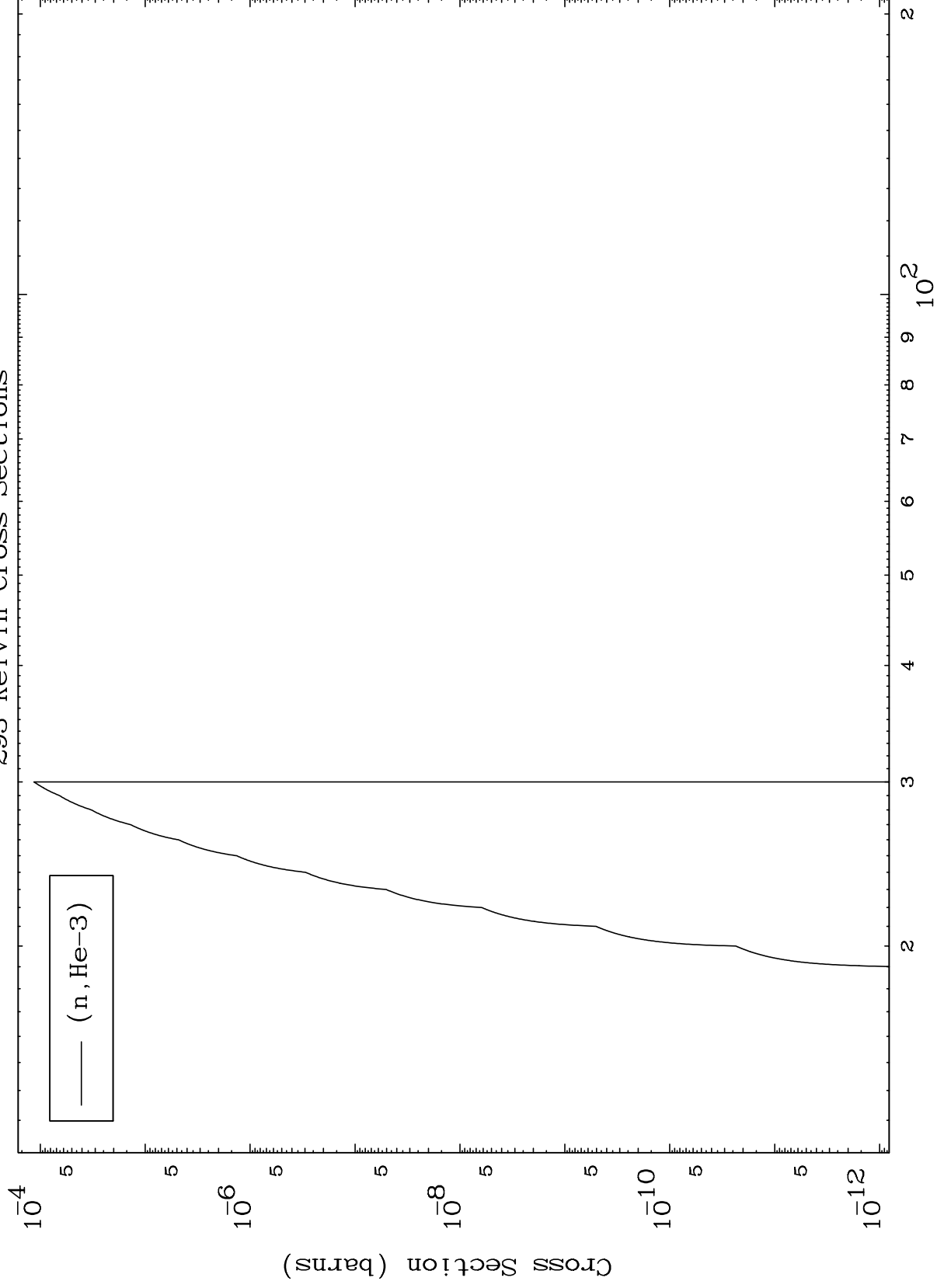
51-Sb-126

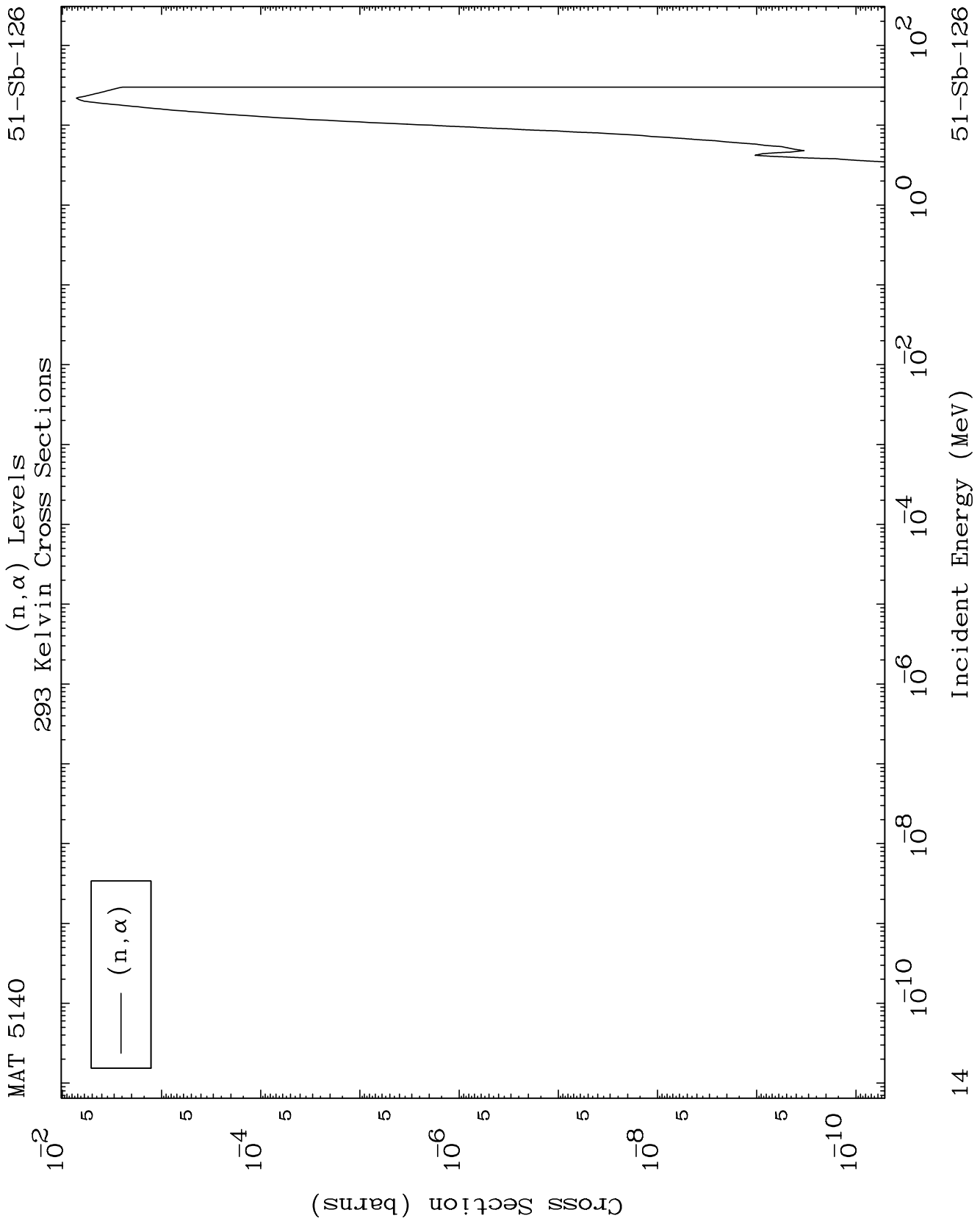


12

Incident Energy (MeV)

51-Sb-126

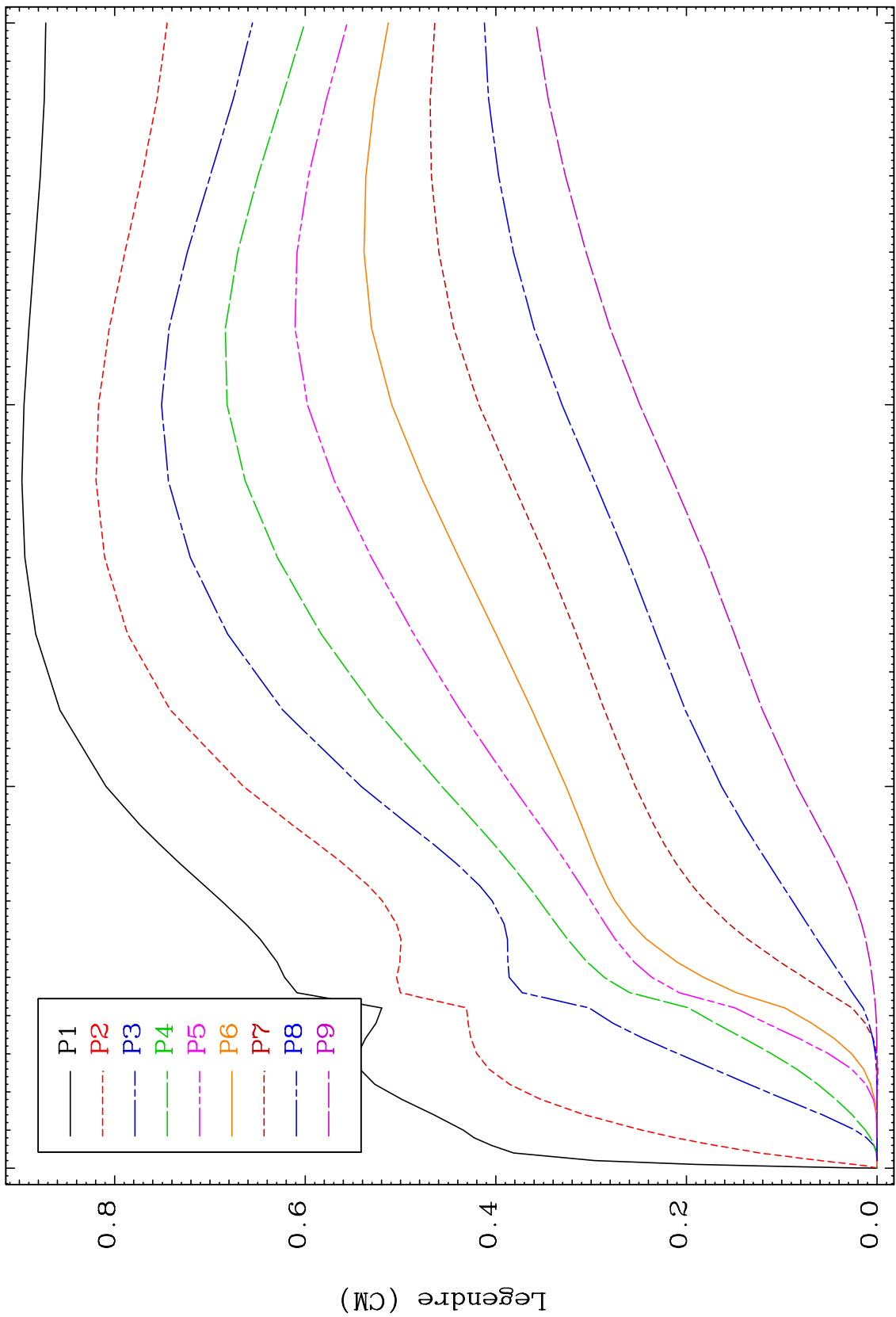




MAT 5140

51-Sb-126

Elastic Legendre Coefficients



51-Sb-126

Incident Energy (MeV)

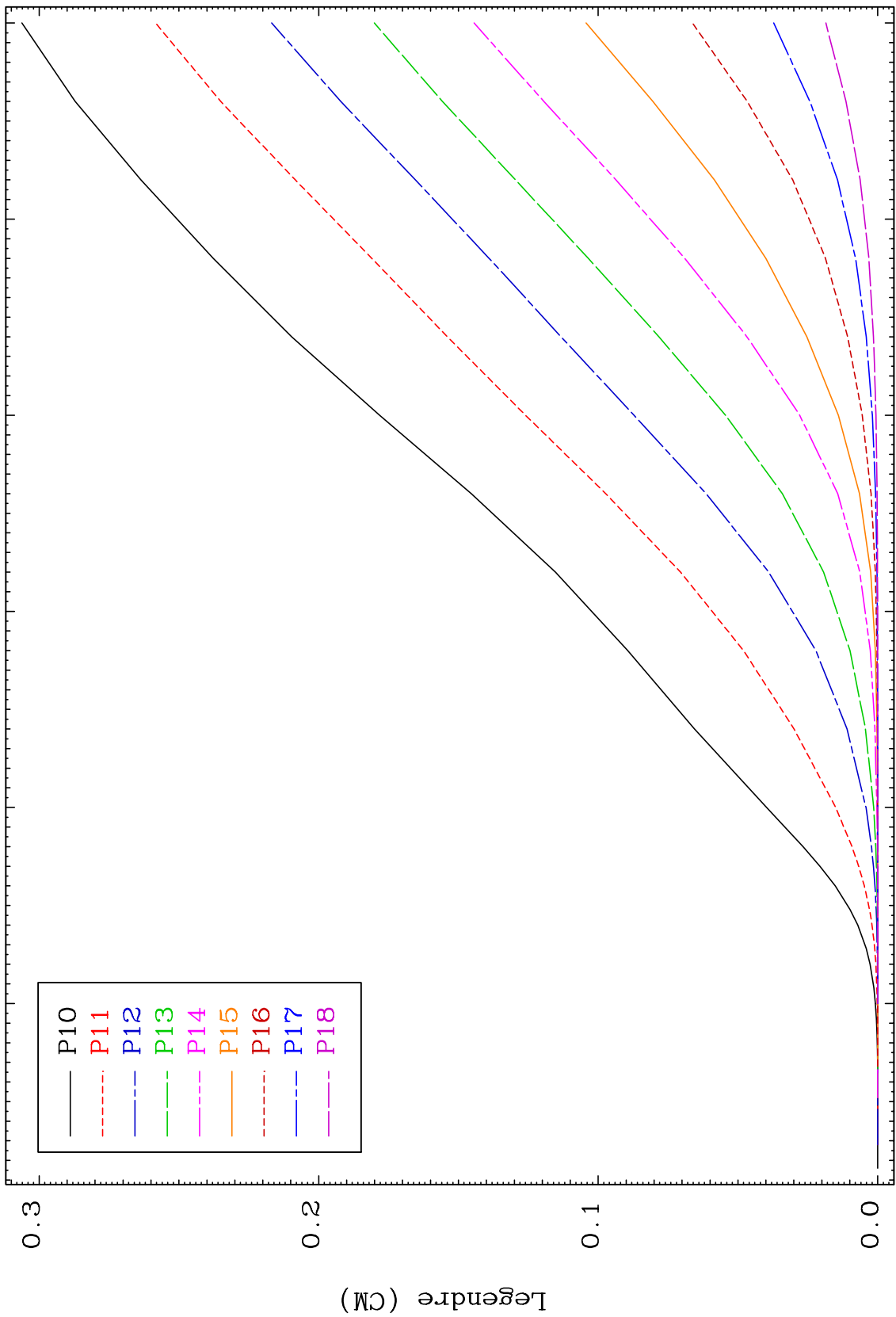
15



MAT 5140

Elastic Legendre Coefficients

51-Sb-126



16

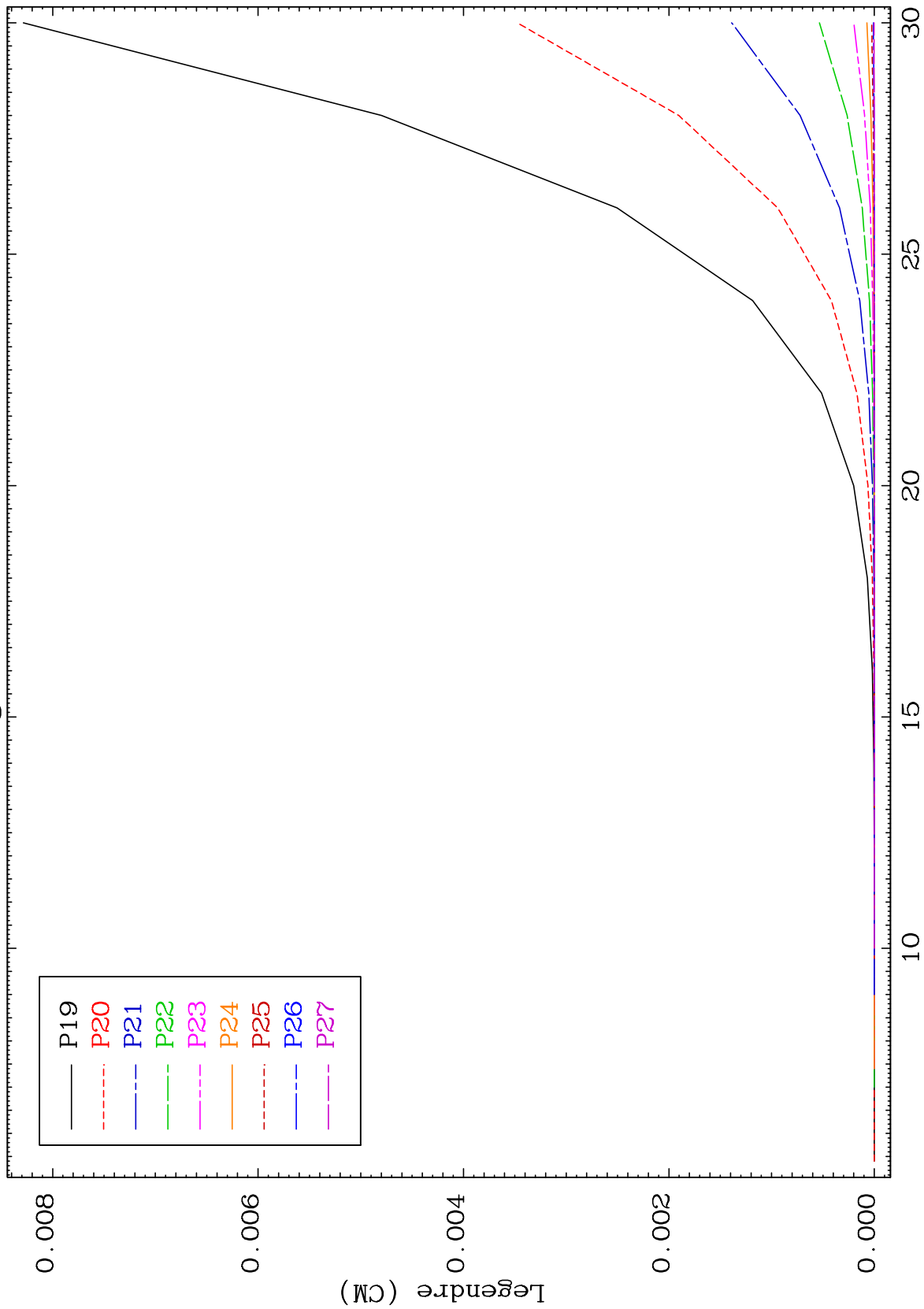
Incident Energy (MeV)

51-Sb-126

MAT 5140

Elastic Legendre Coefficients

51-Sb-126



17

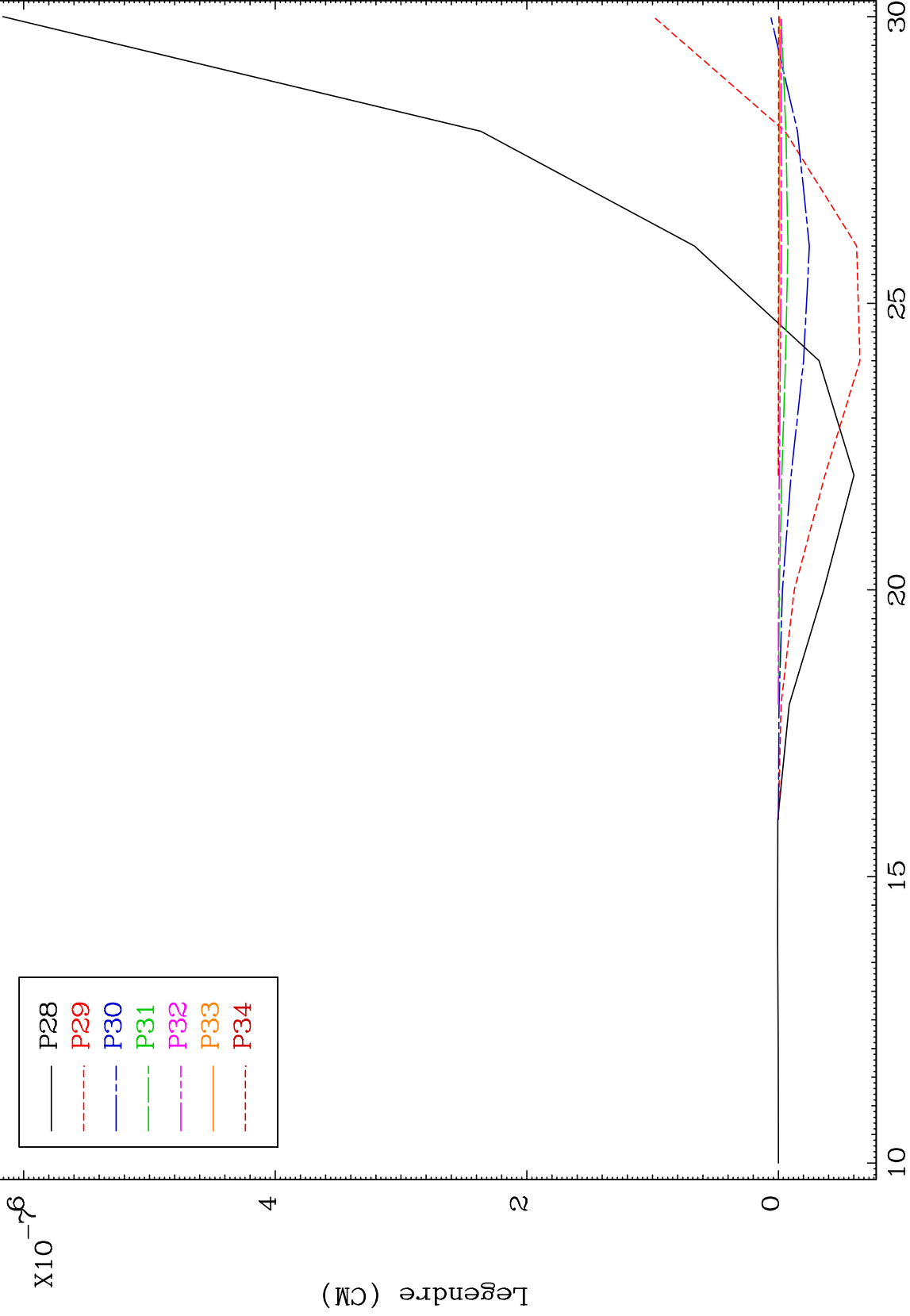
Incident Energy (MeV)

51-Sb-126

MAT 5140

Elastic Legendre Coefficients

51-Sb-126



18

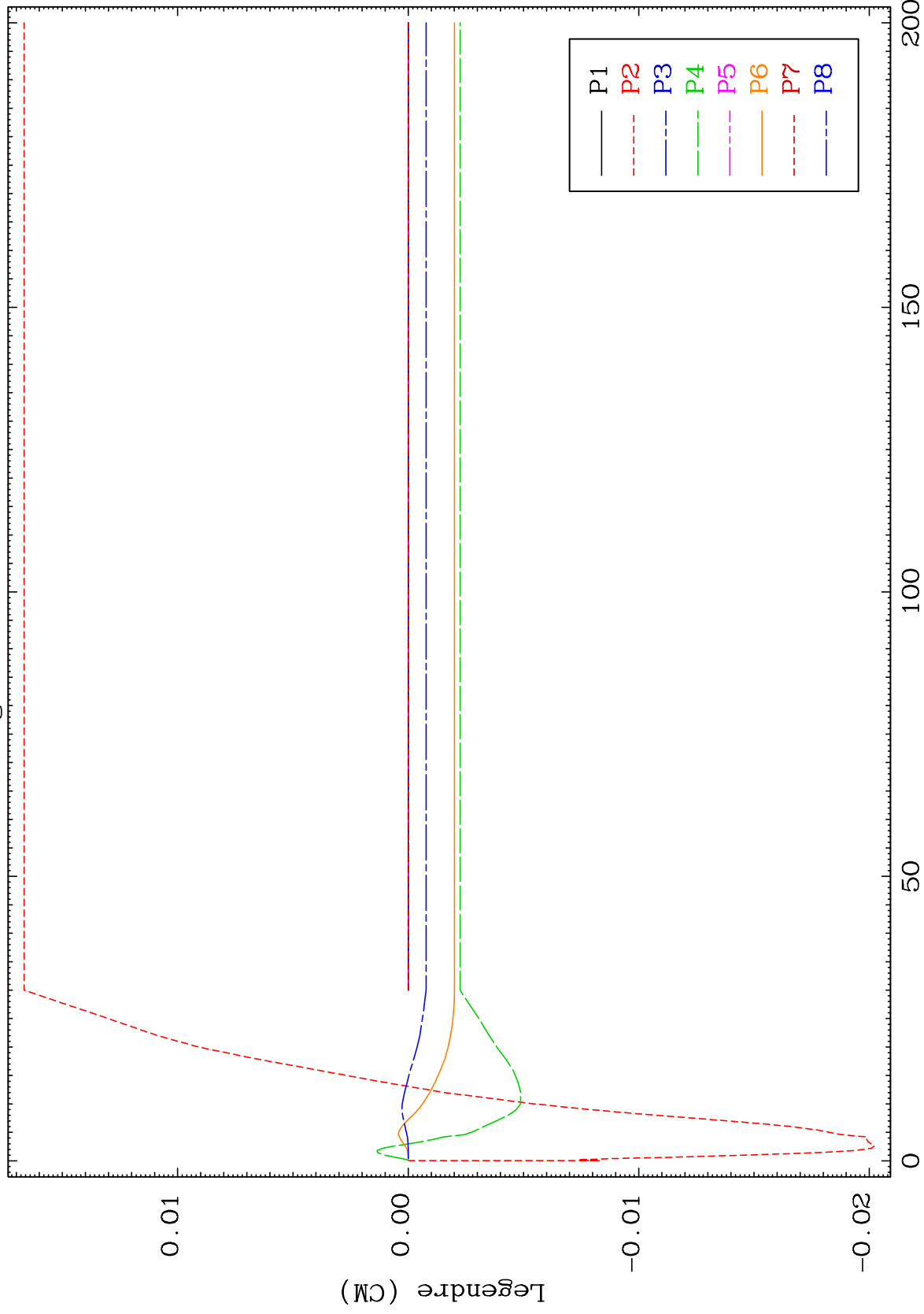
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126



51-Sb-126

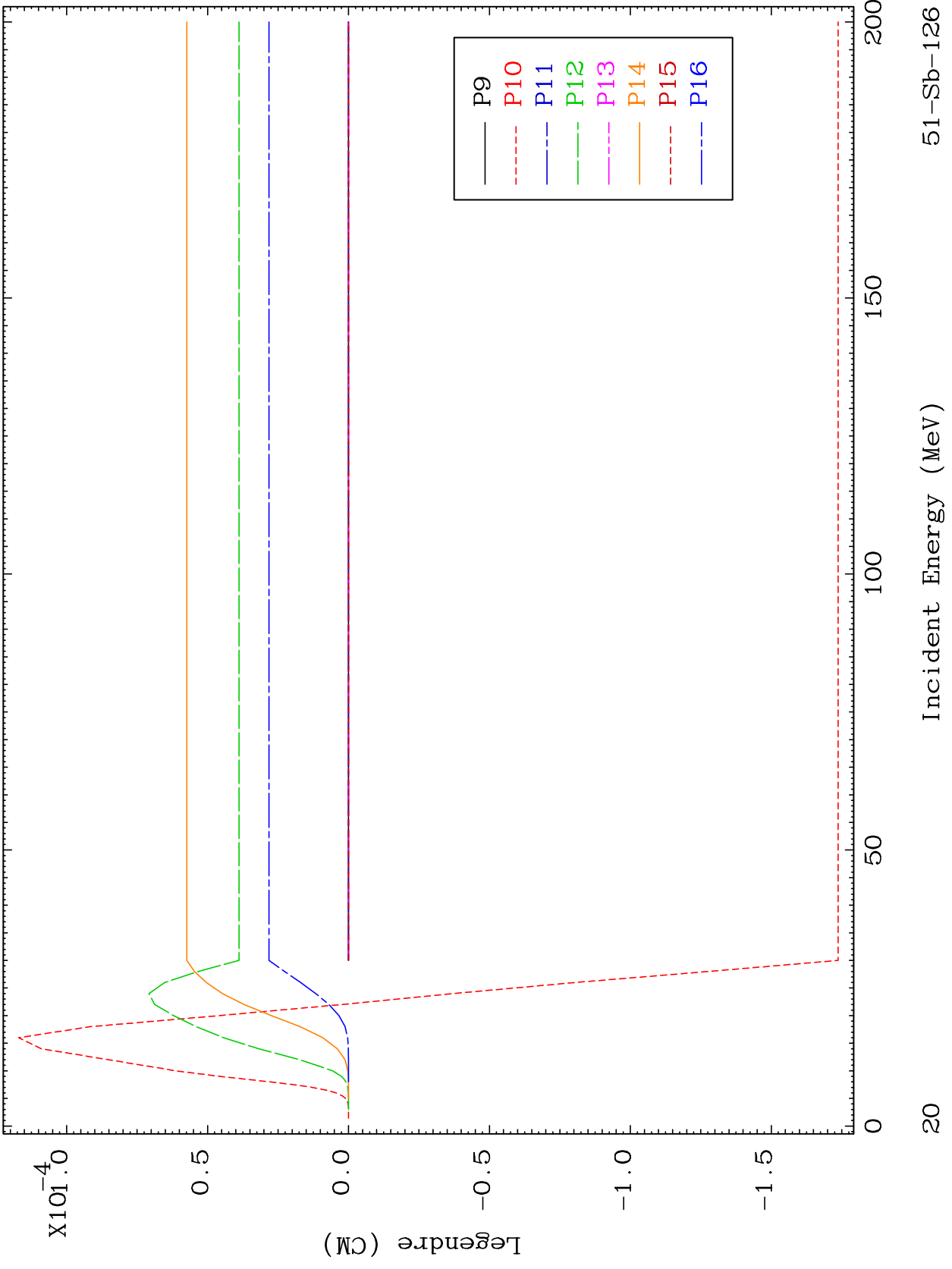
Incident Energy (MeV)

19

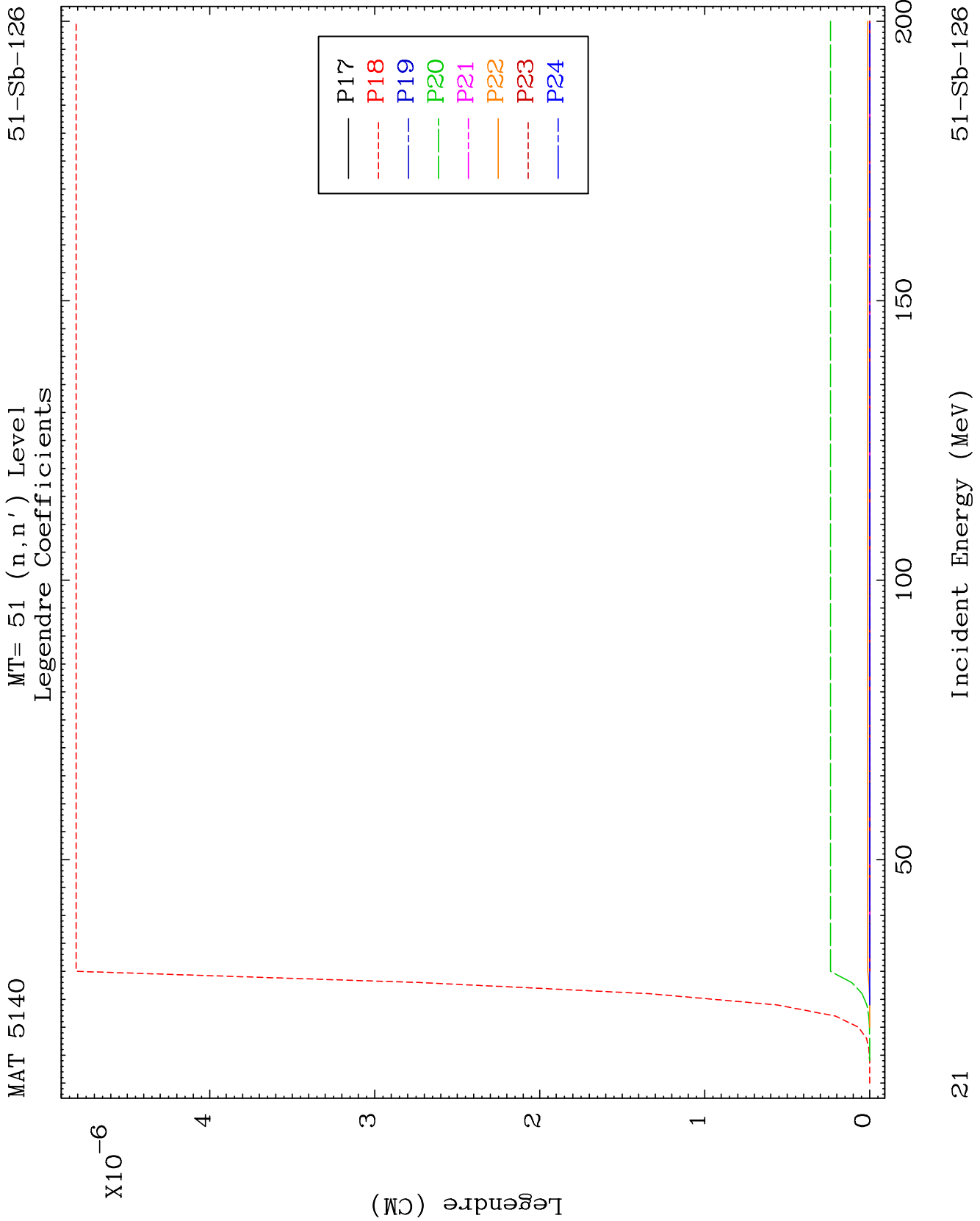
MAT 5140

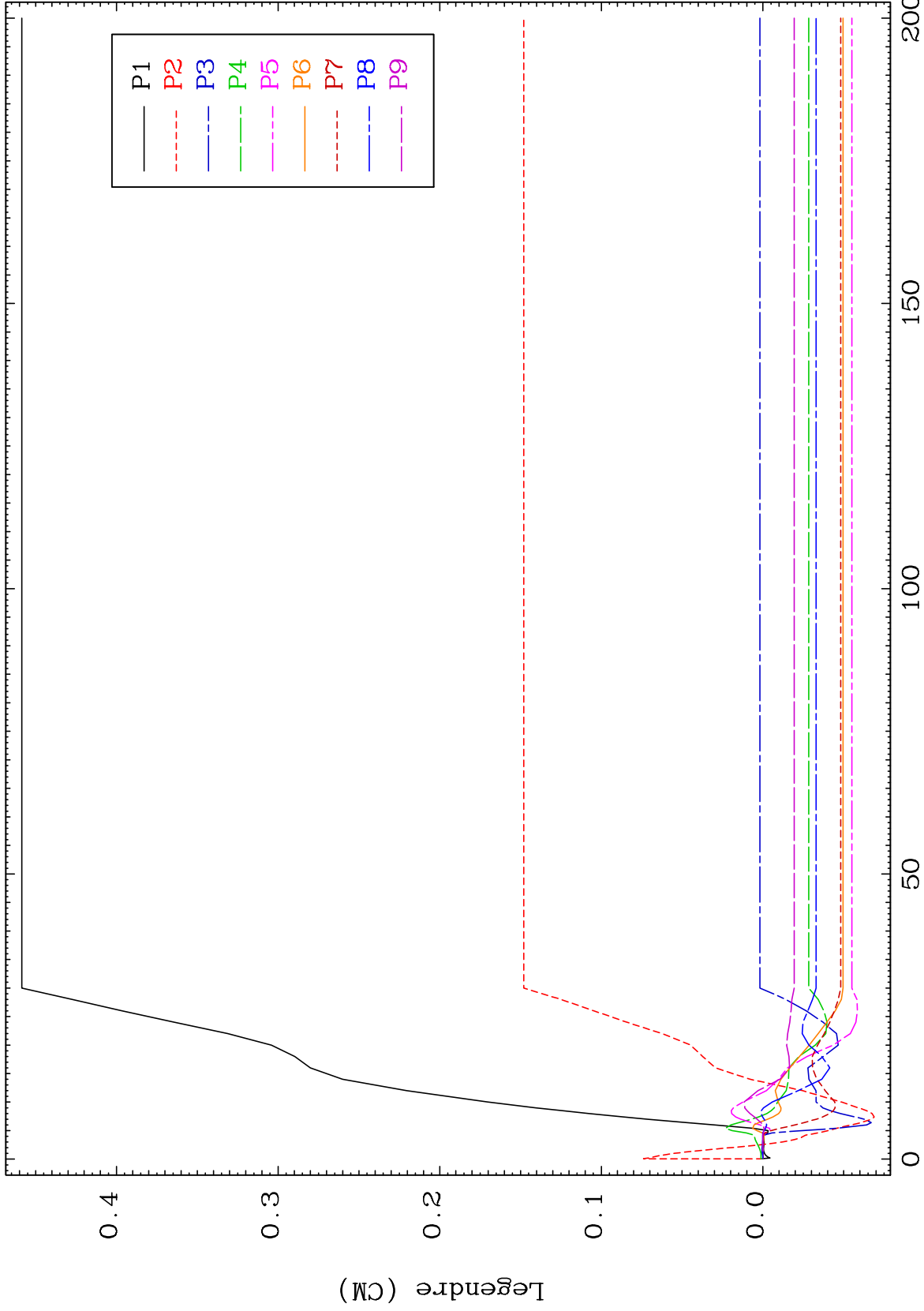
MT= 51 (n,n') Level  
Legendre Coefficients

51-Sb-126



51-Sb-126

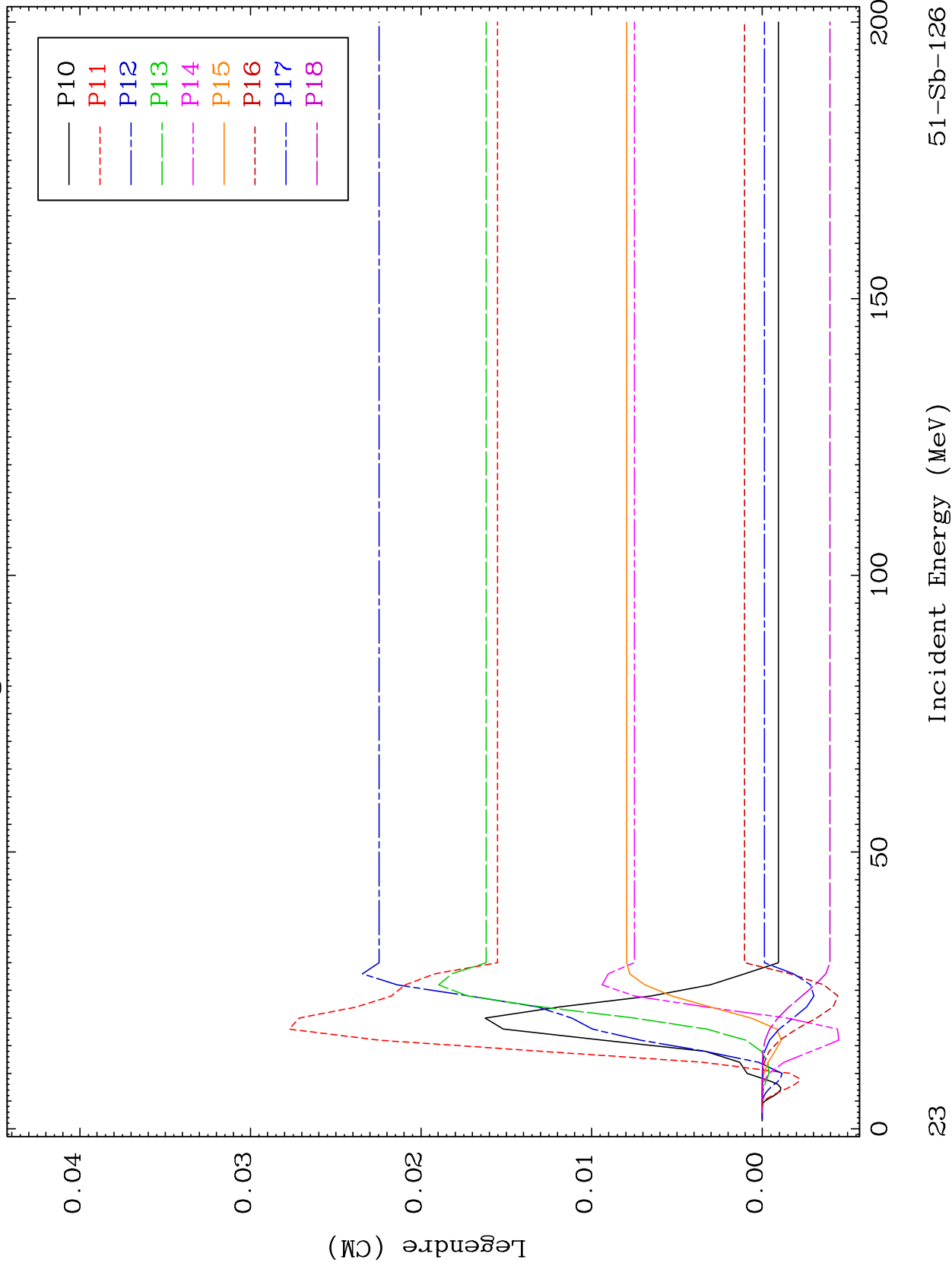




MAT 5140

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

51-Sb-126



51-Sb-126

Incident Energy (MeV)

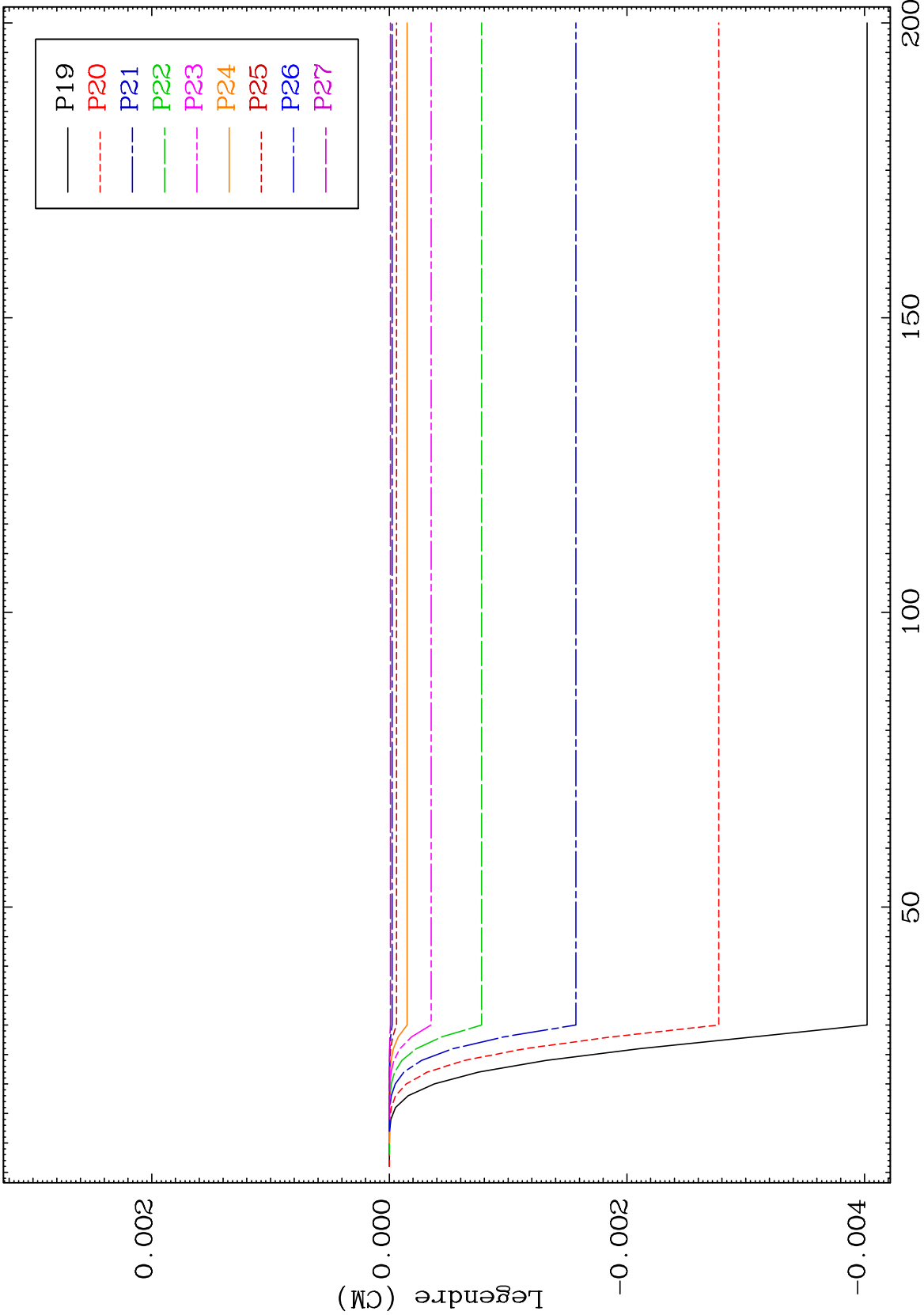
23



MAT 5140

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

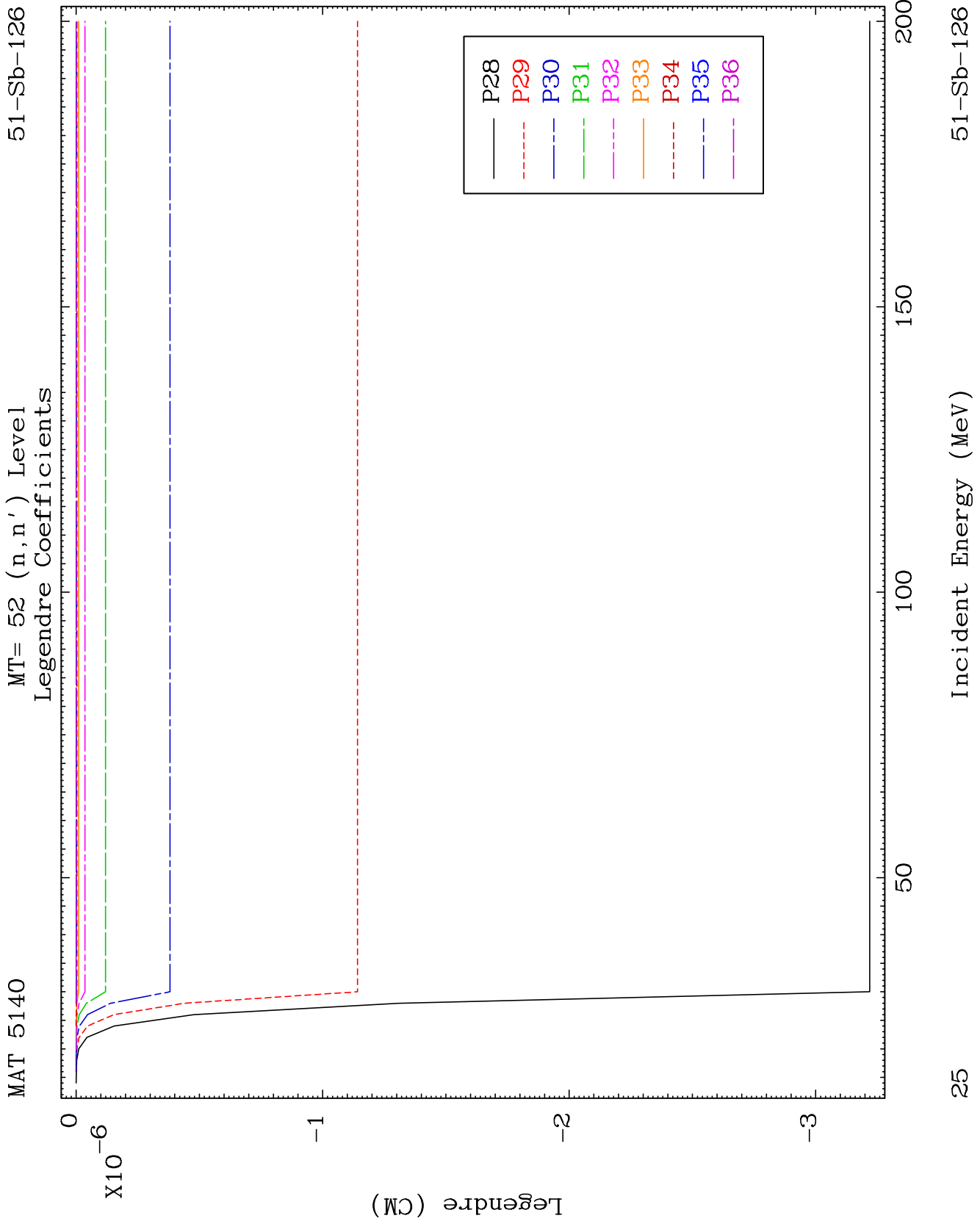
51-Sb-126



24

Incident Energy (MeV)

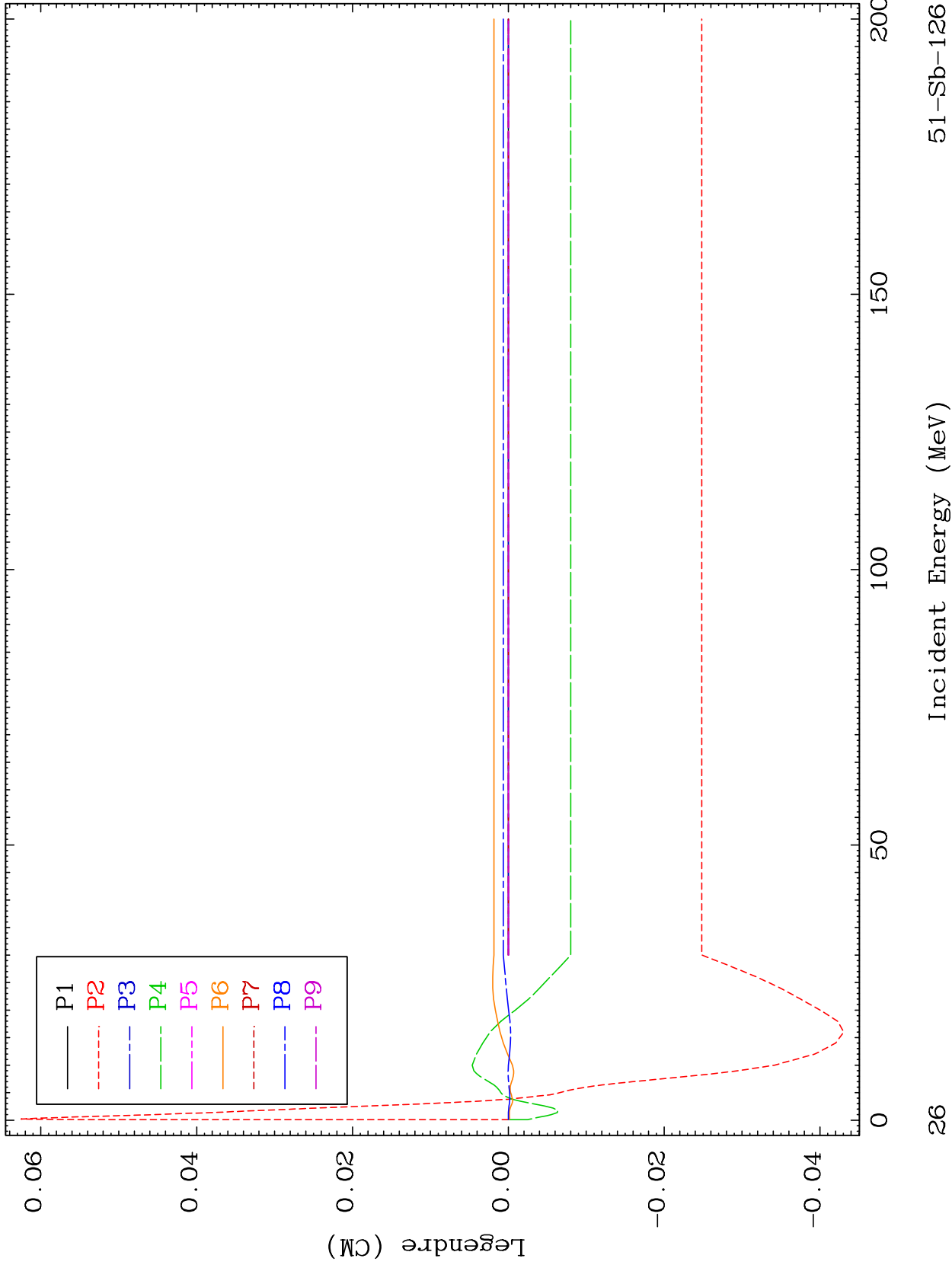
51-Sb-126



MAT 5140

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

51-Sb-126



51-Sb-126

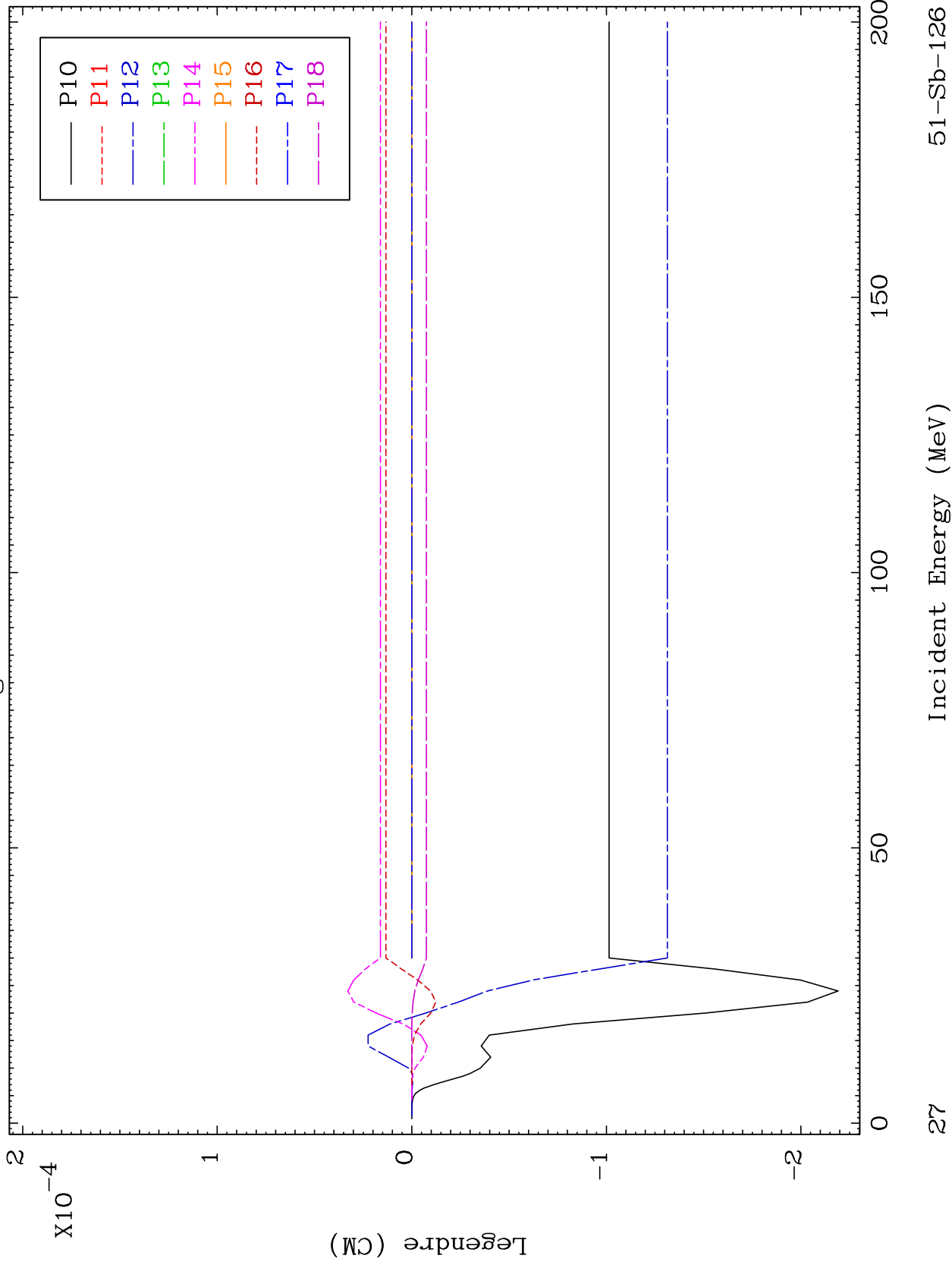
Incident Energy (MeV)

26

MAT 5140

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

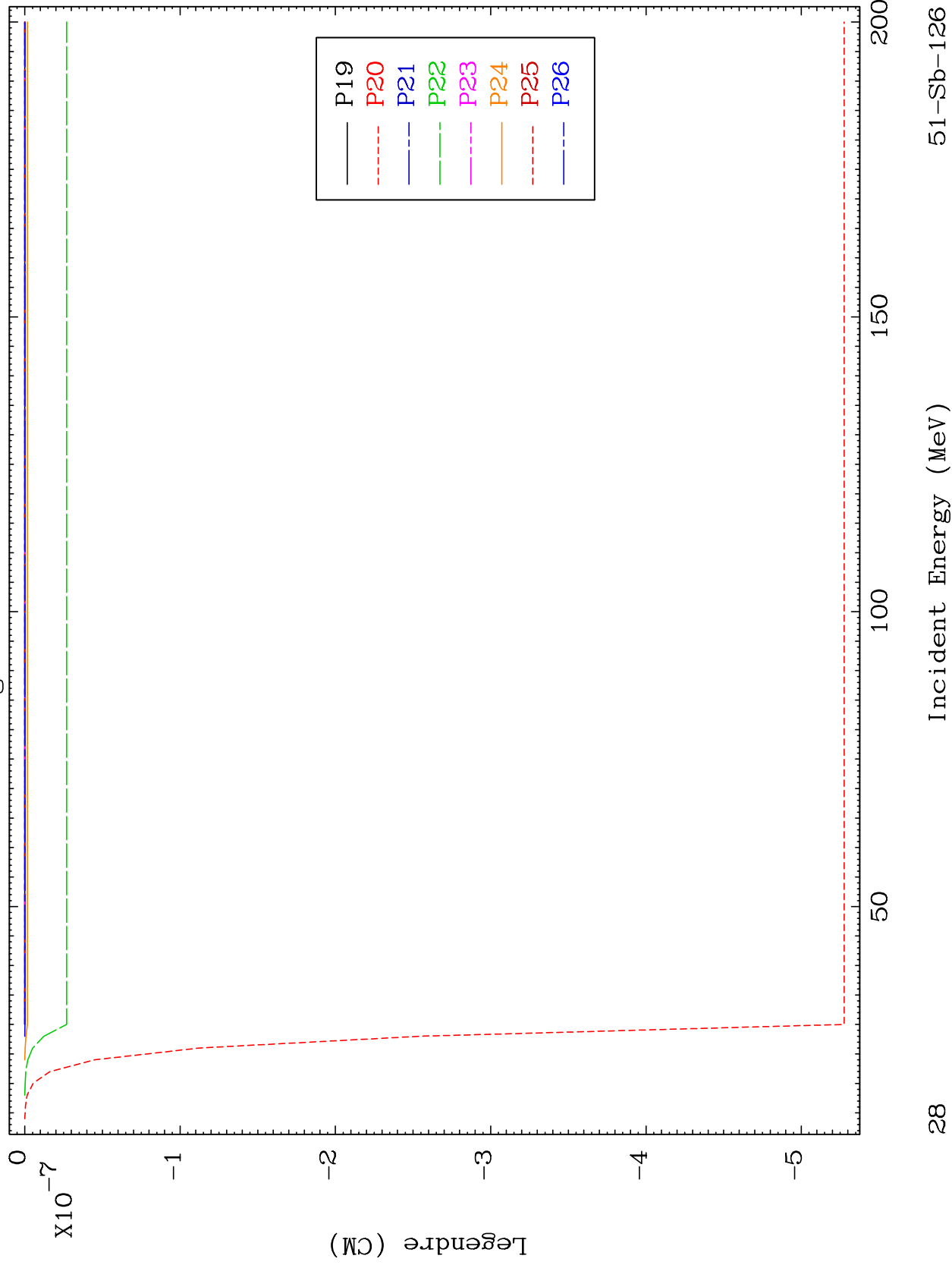
51-Sb-126



MAT 5140

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

51-Sb-126

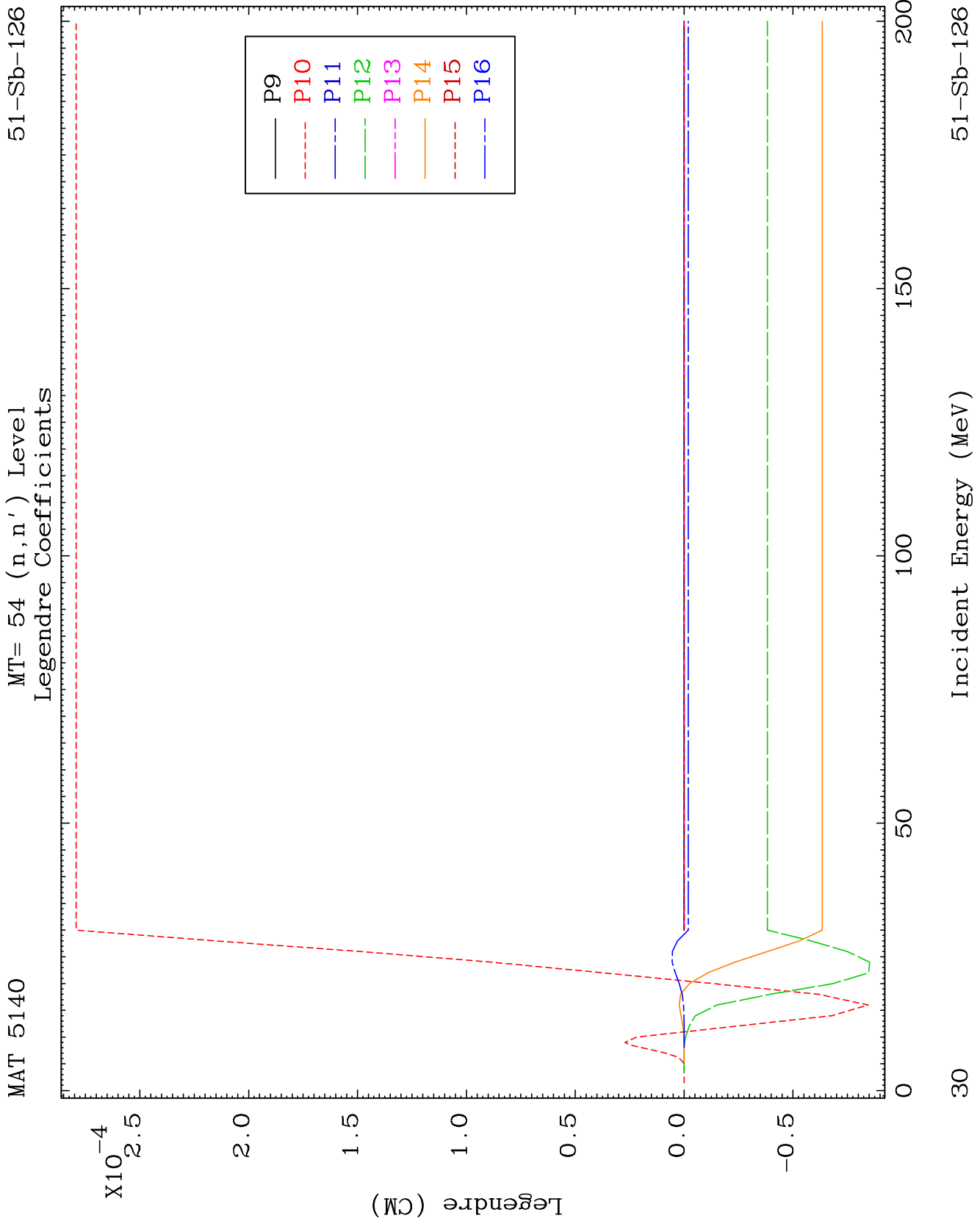


28

Incident Energy (MeV)

51-Sb-126

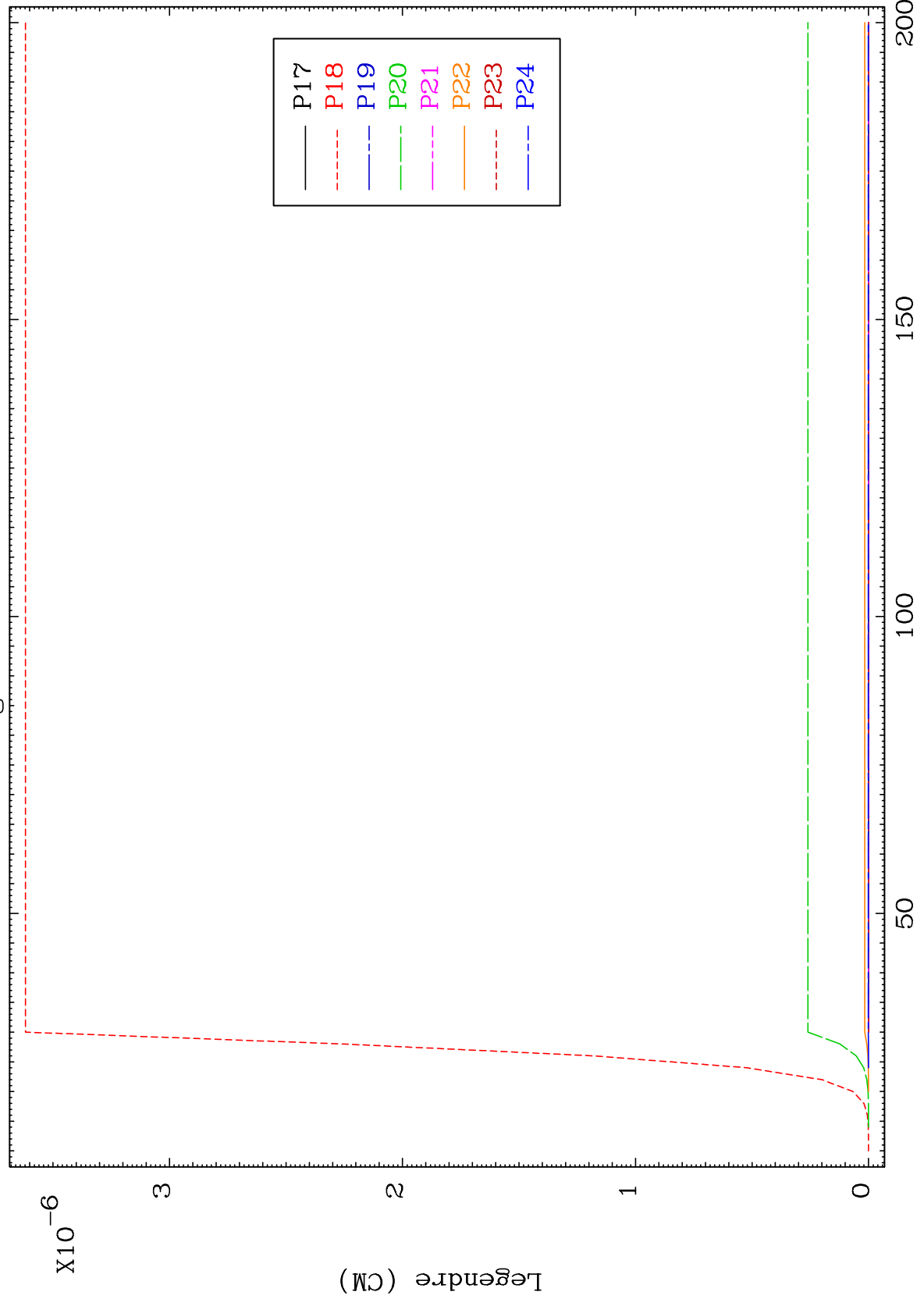




MAT 5140

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

51-Sb-126

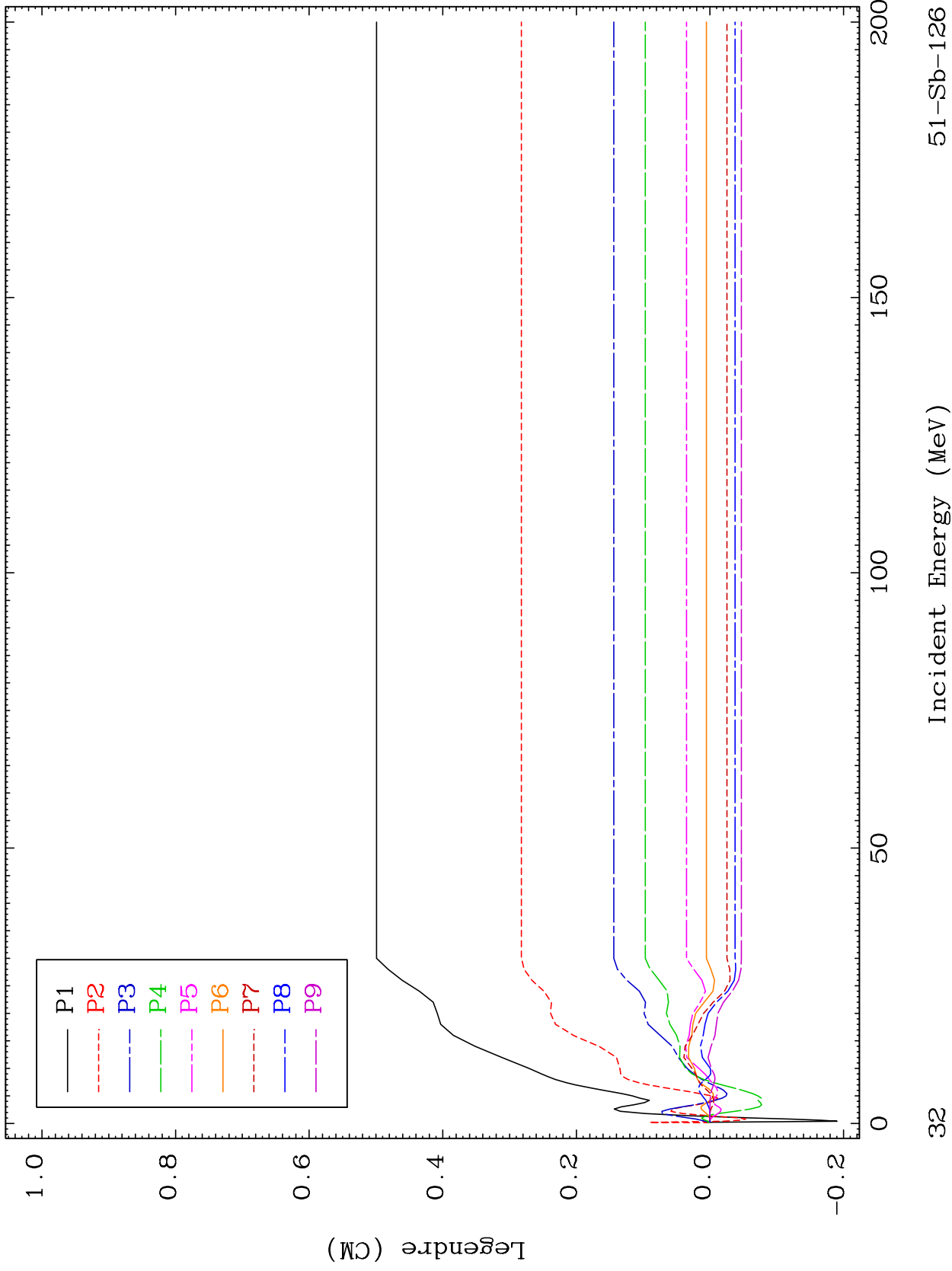


51-Sb-126

Incident Energy (MeV)

31

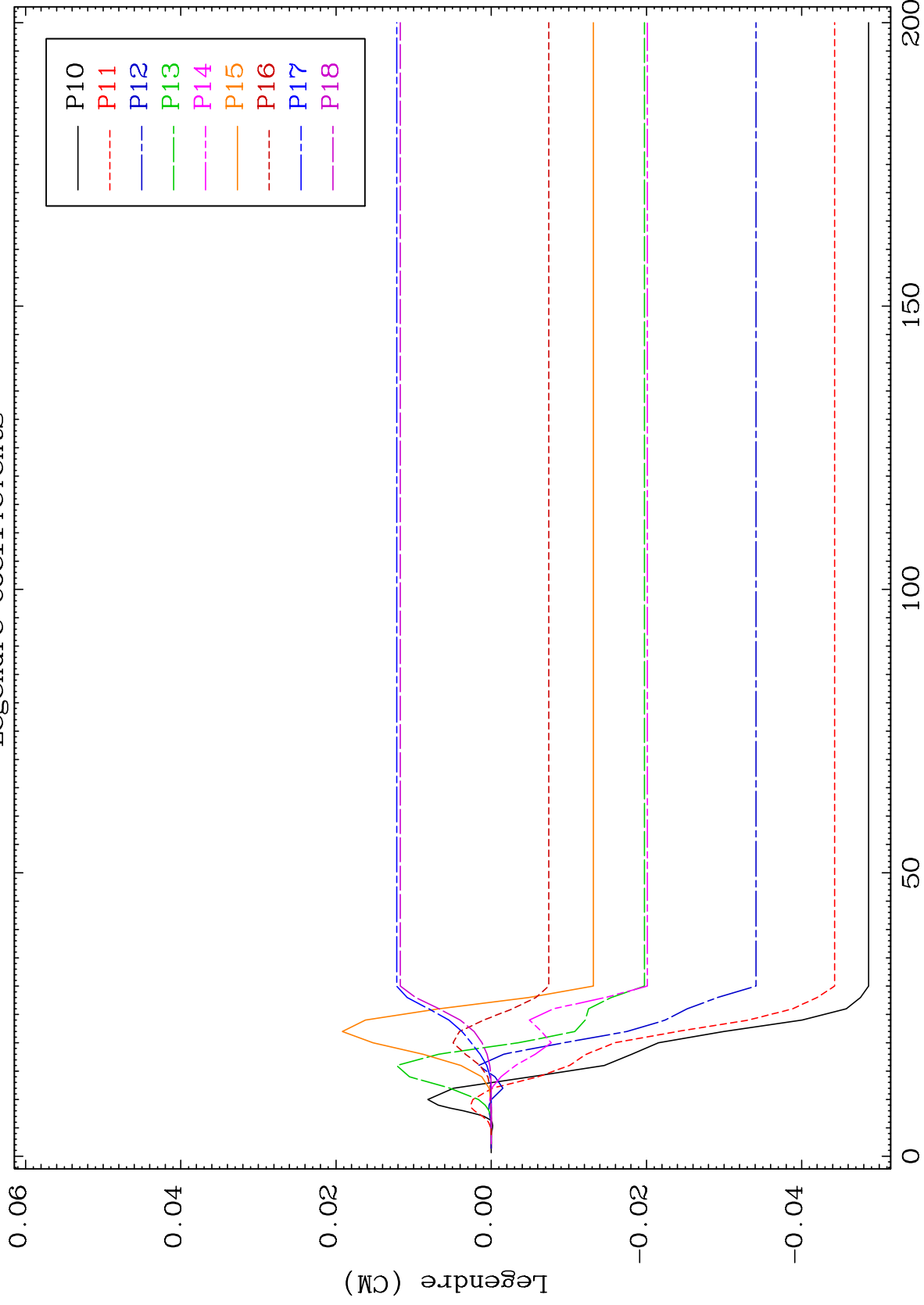




MAT 5140

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

51-Sb-126



33

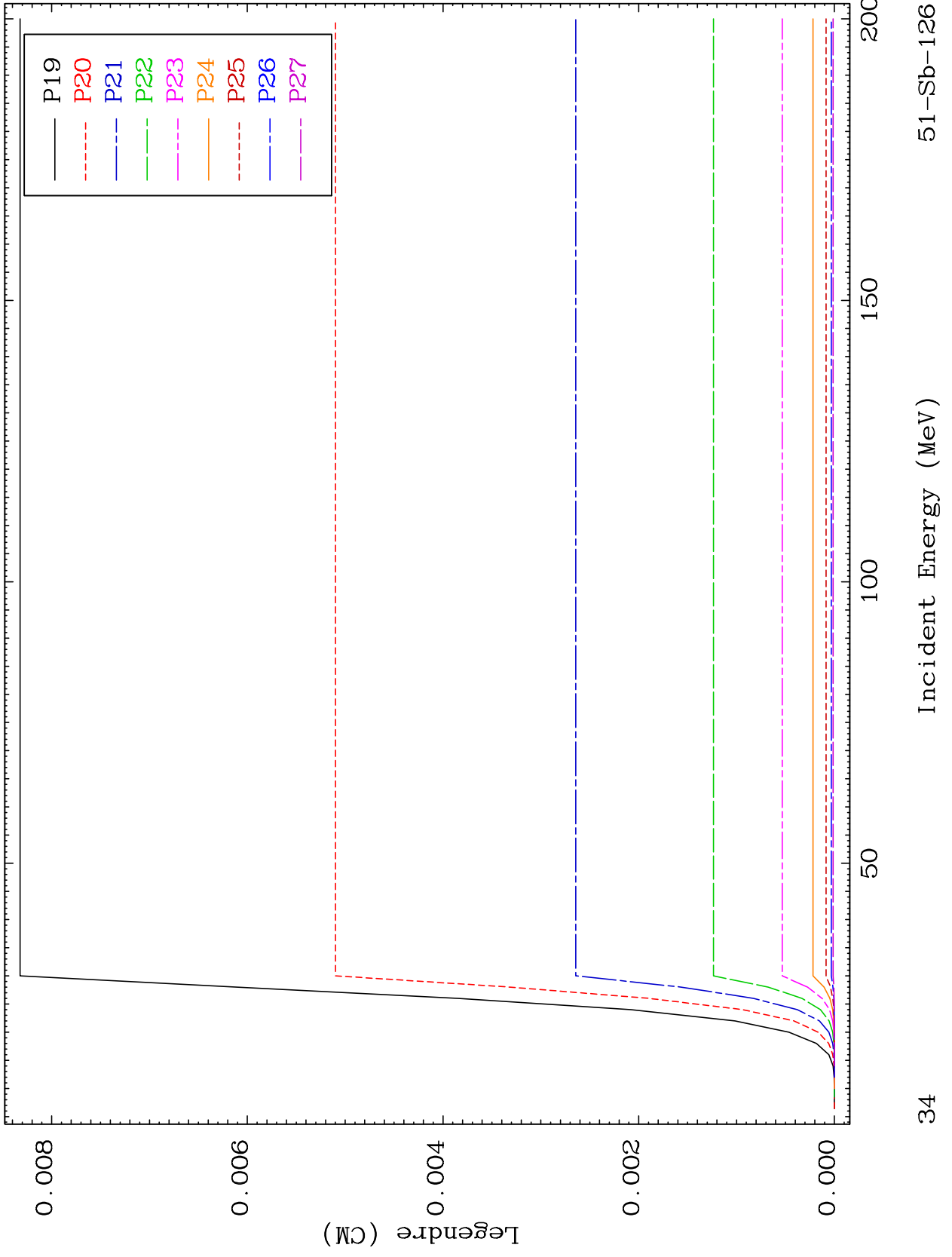
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126



34

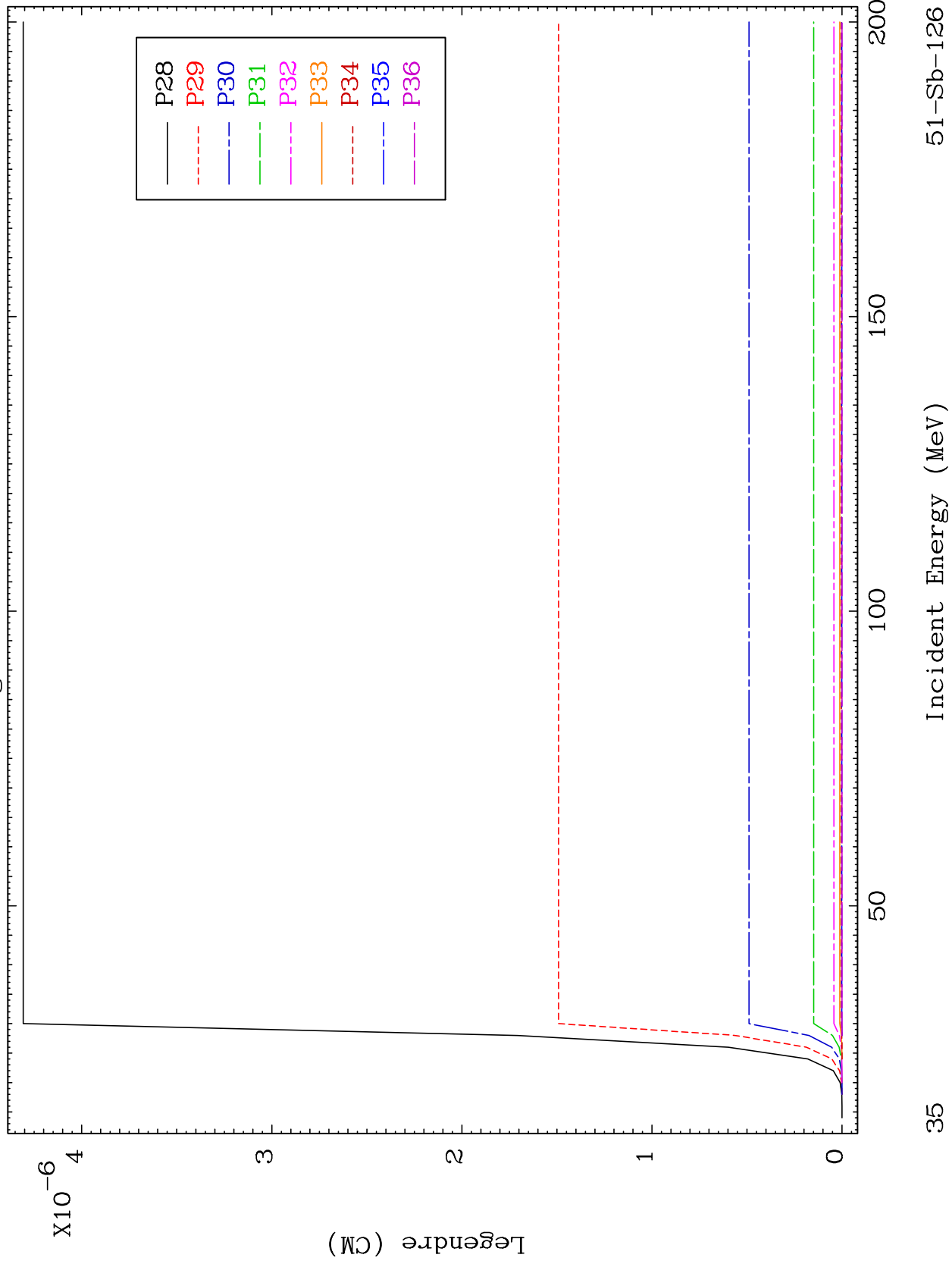
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126



35

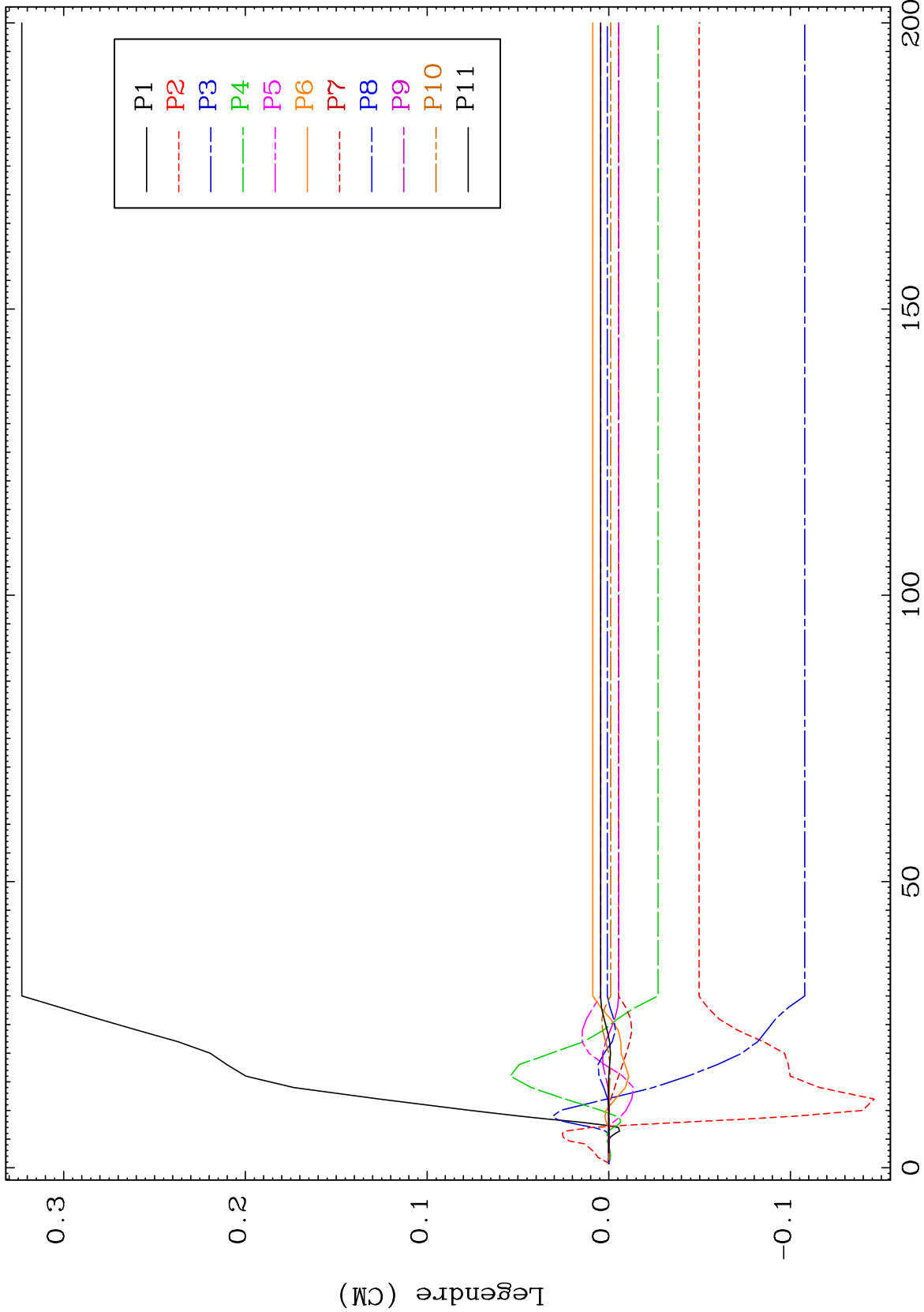
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126



36

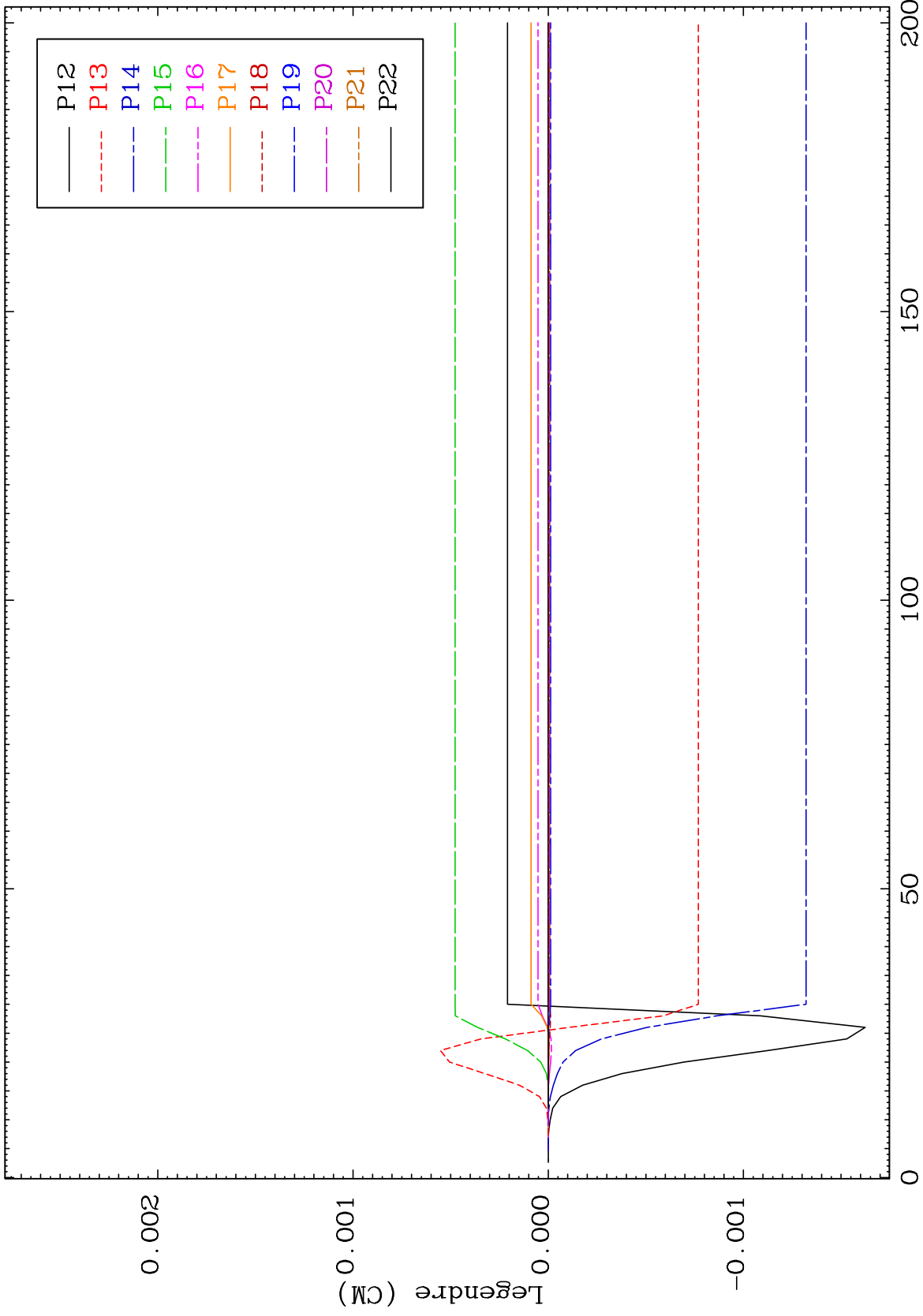
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126



37

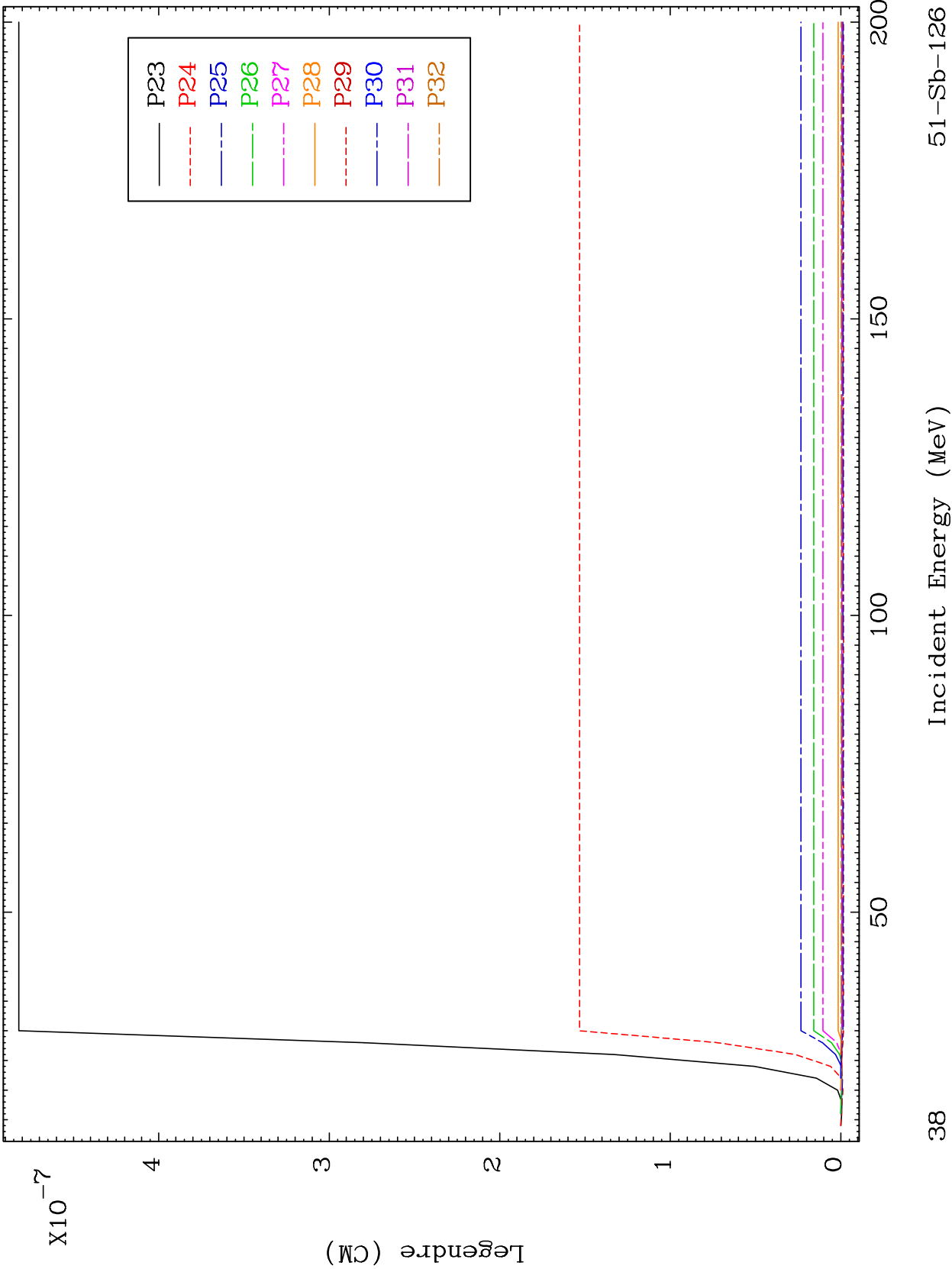
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

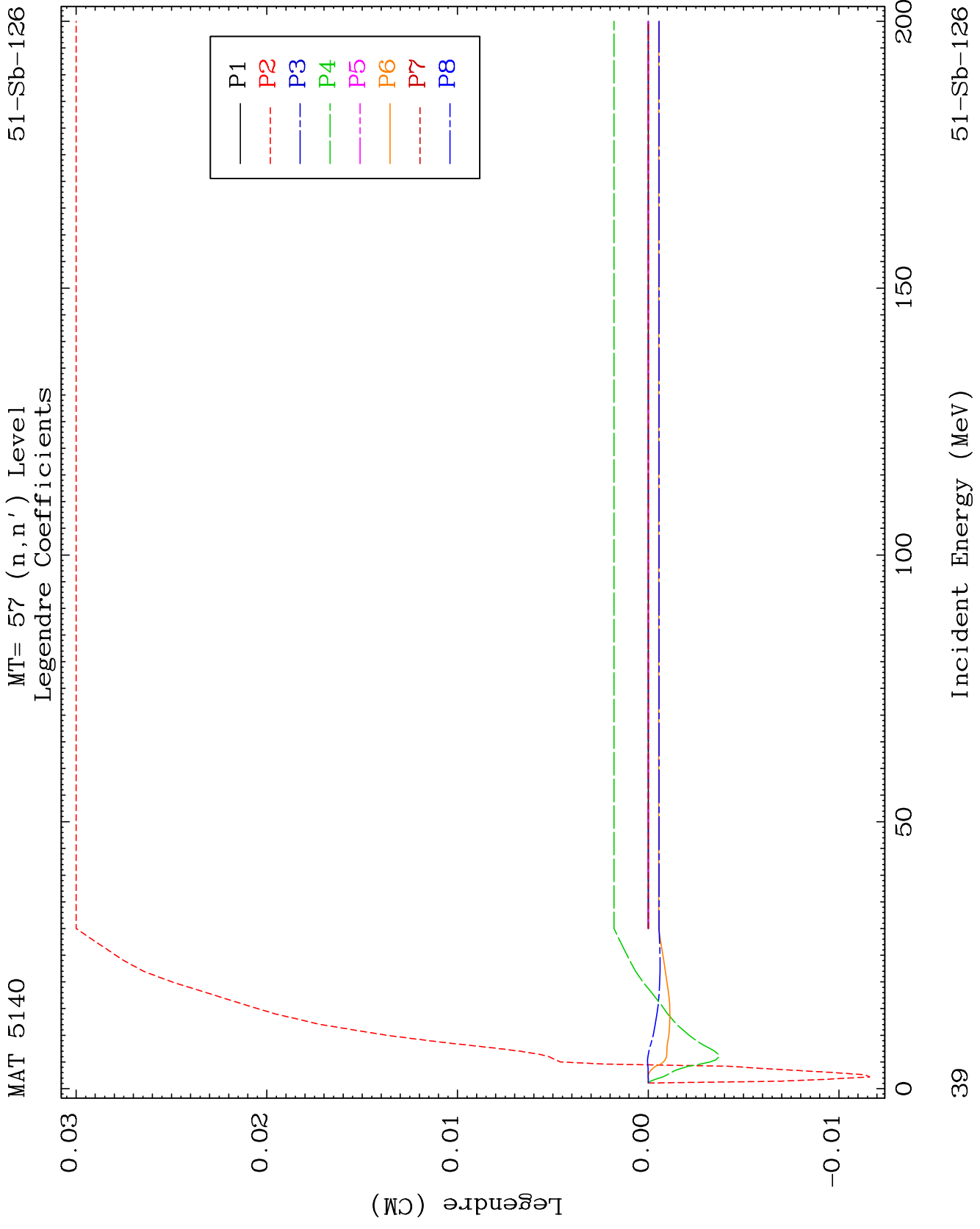
51-Sb-126



38

Incident Energy (MeV)

51-Sb-126



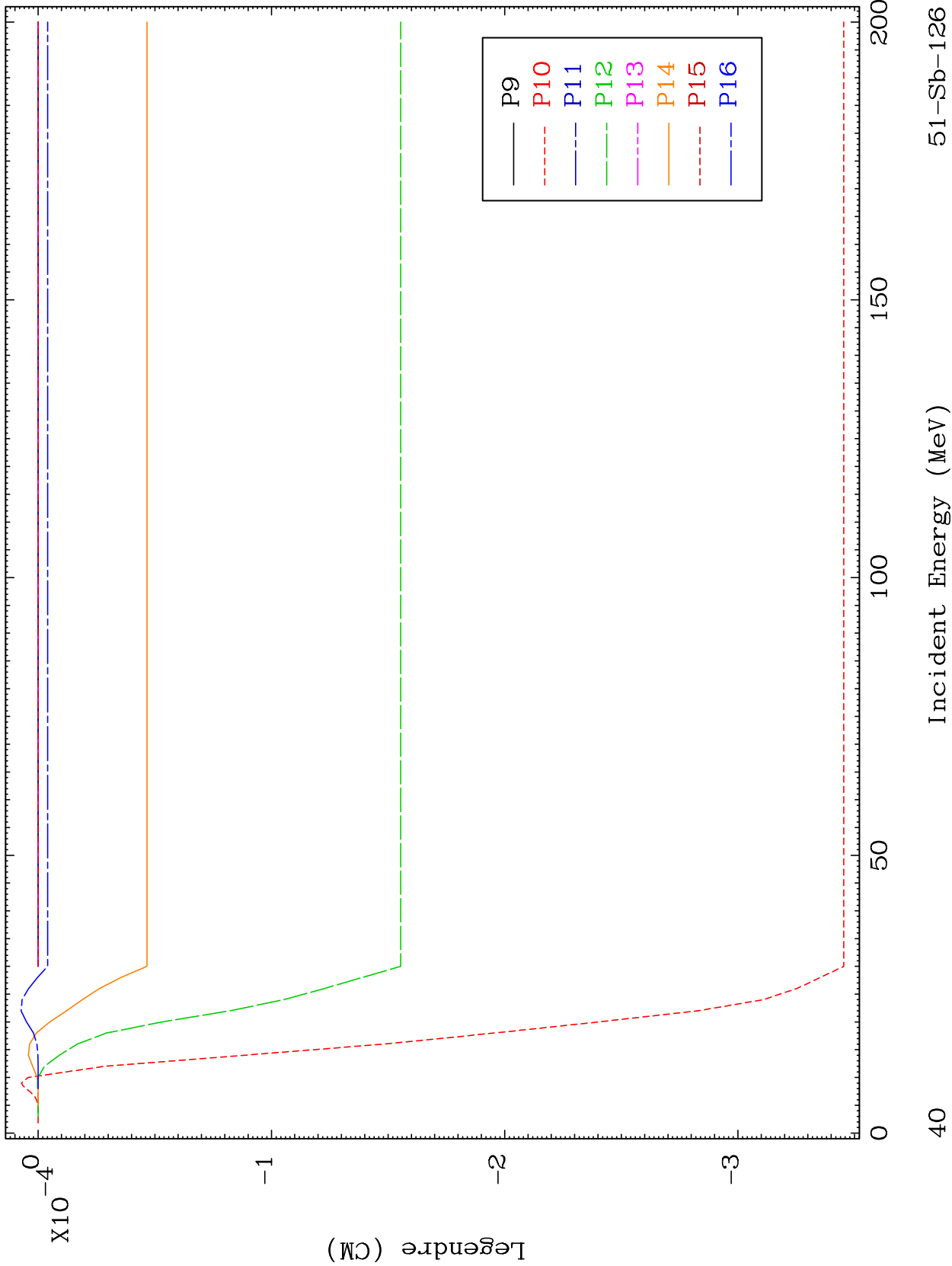


MAT 5140

MT= 57 (n,n') Level

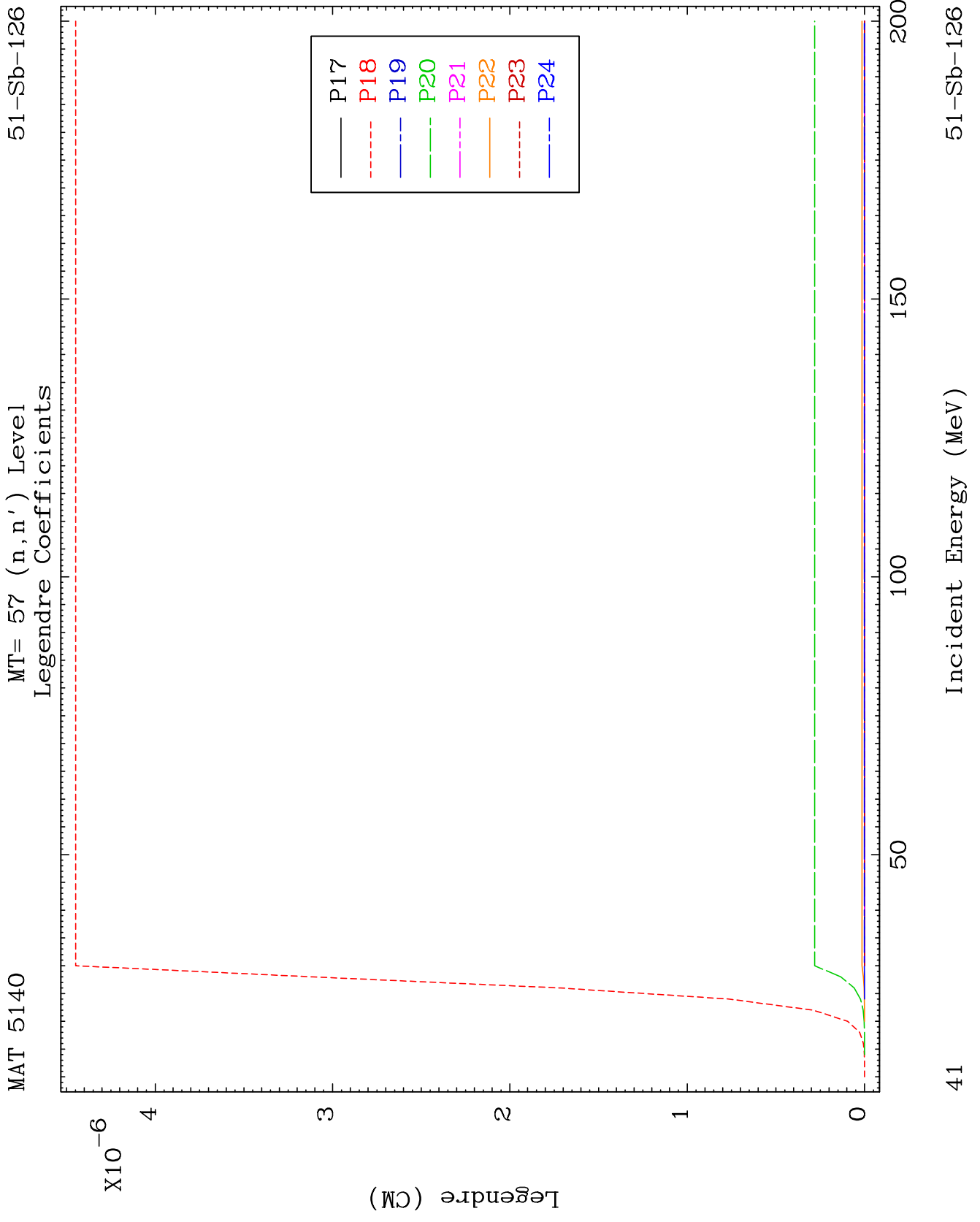
51-Sb-126

Legendre Coefficients



51-Sb-126

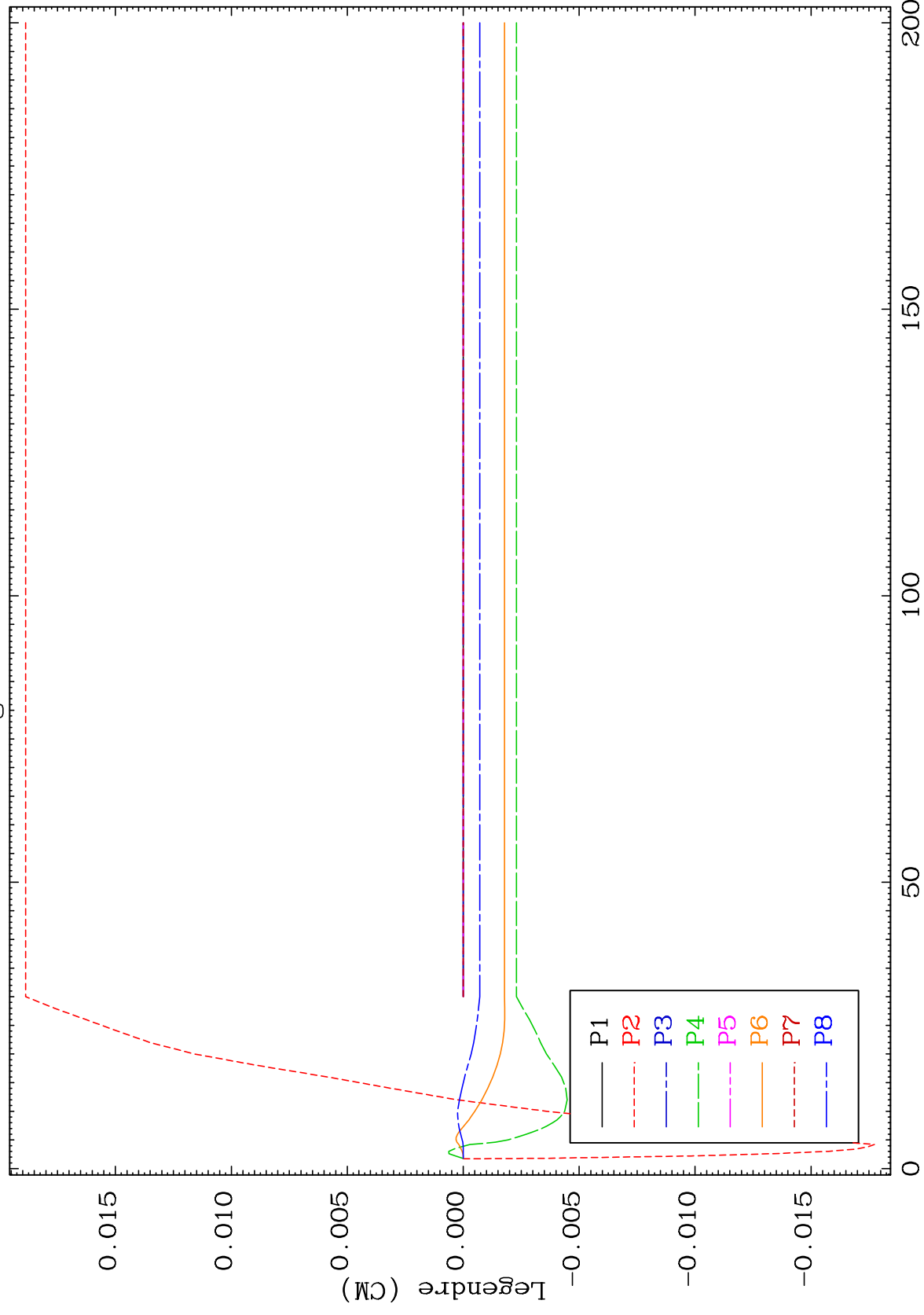
Incident Energy (MeV)



MAT 5140

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

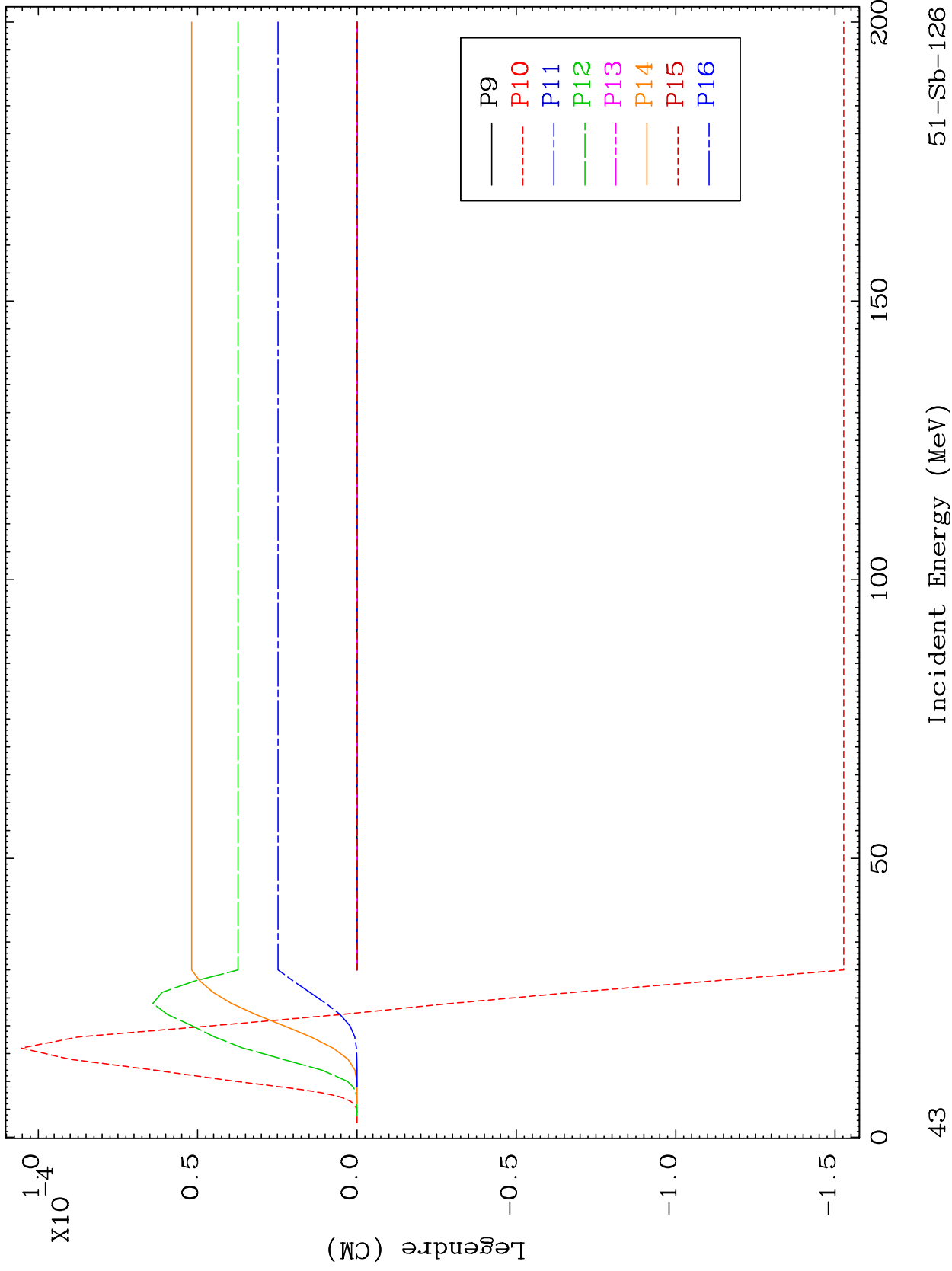
51-Sb-126



51-Sb-126

Incident Energy (MeV)

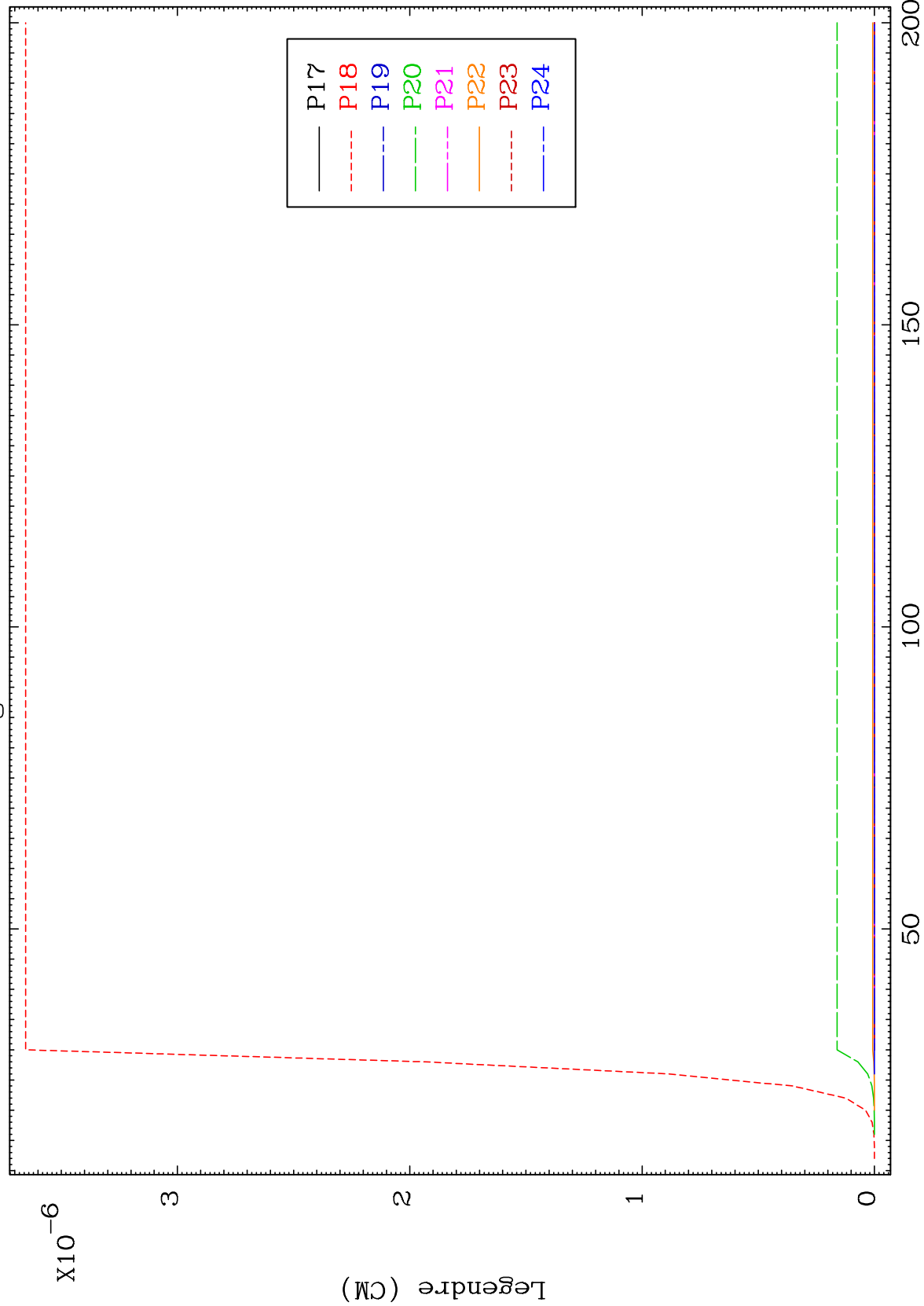
42



MAT 5140

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

51-Sb-126



51-Sb-126

Incident Energy (MeV)

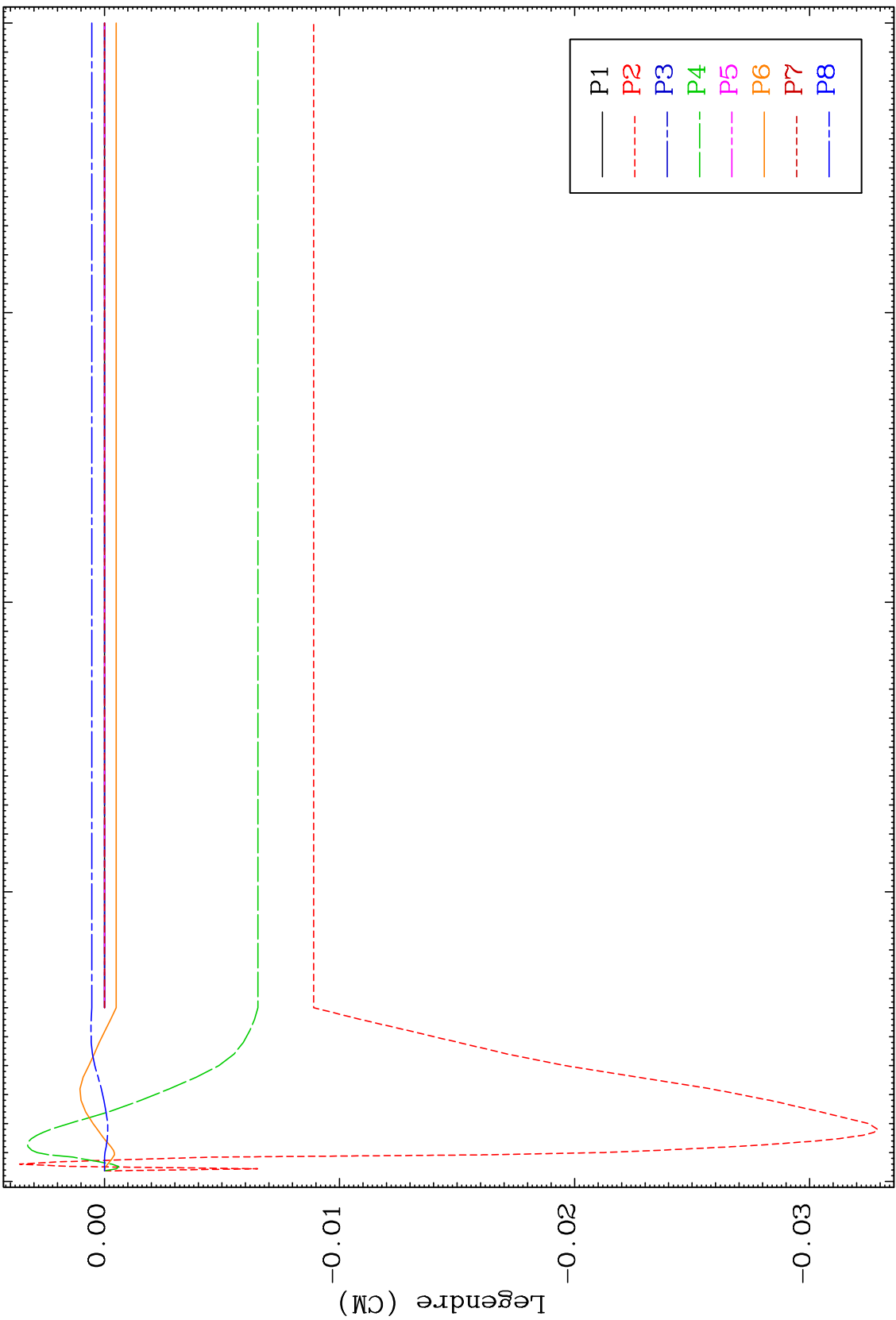
44

MAT 5140

MT= 59 (n,n') Level

51-Sb-126

Legendre Coefficients



0

50

100

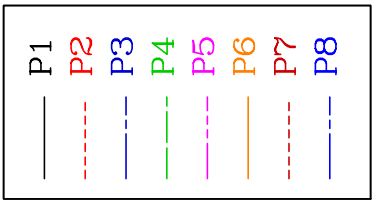
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200

45

Incident Energy (MeV)

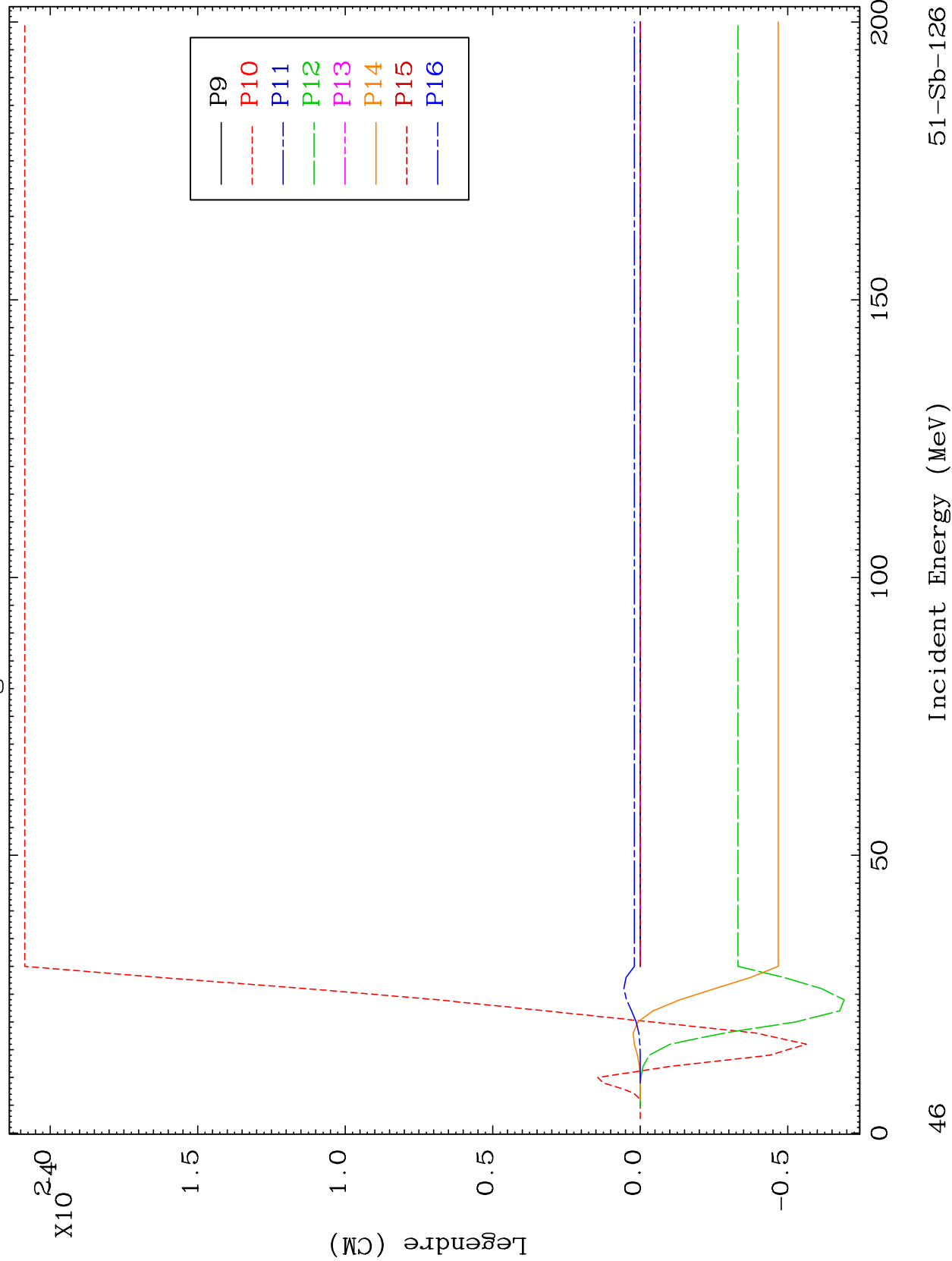
51-Sb-126



MAT 5140

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

51-Sb-126



51-Sb-126

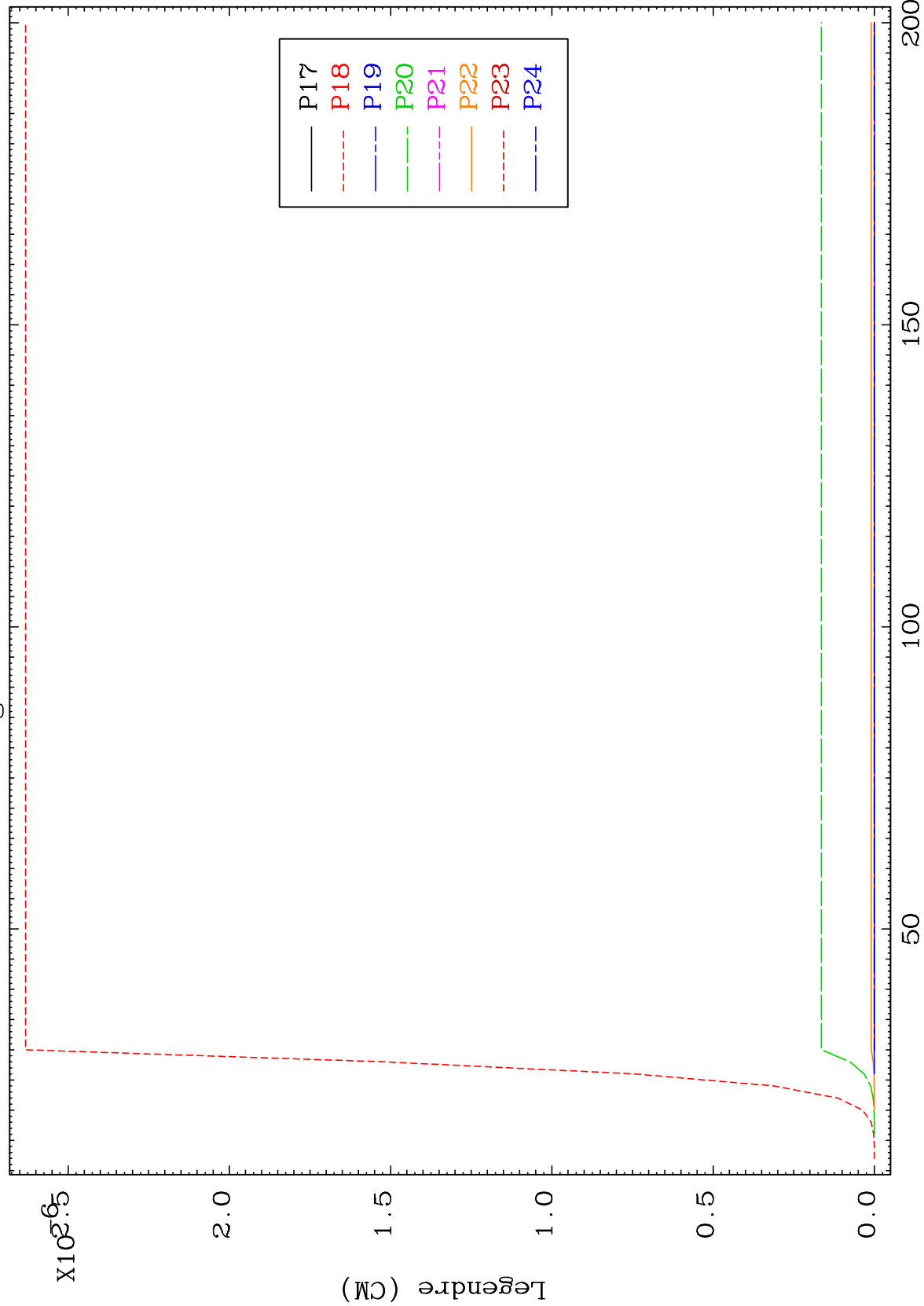
Incident Energy (MeV)

46

MAT 5140

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

51-Sb-126



47

Incident Energy (MeV)

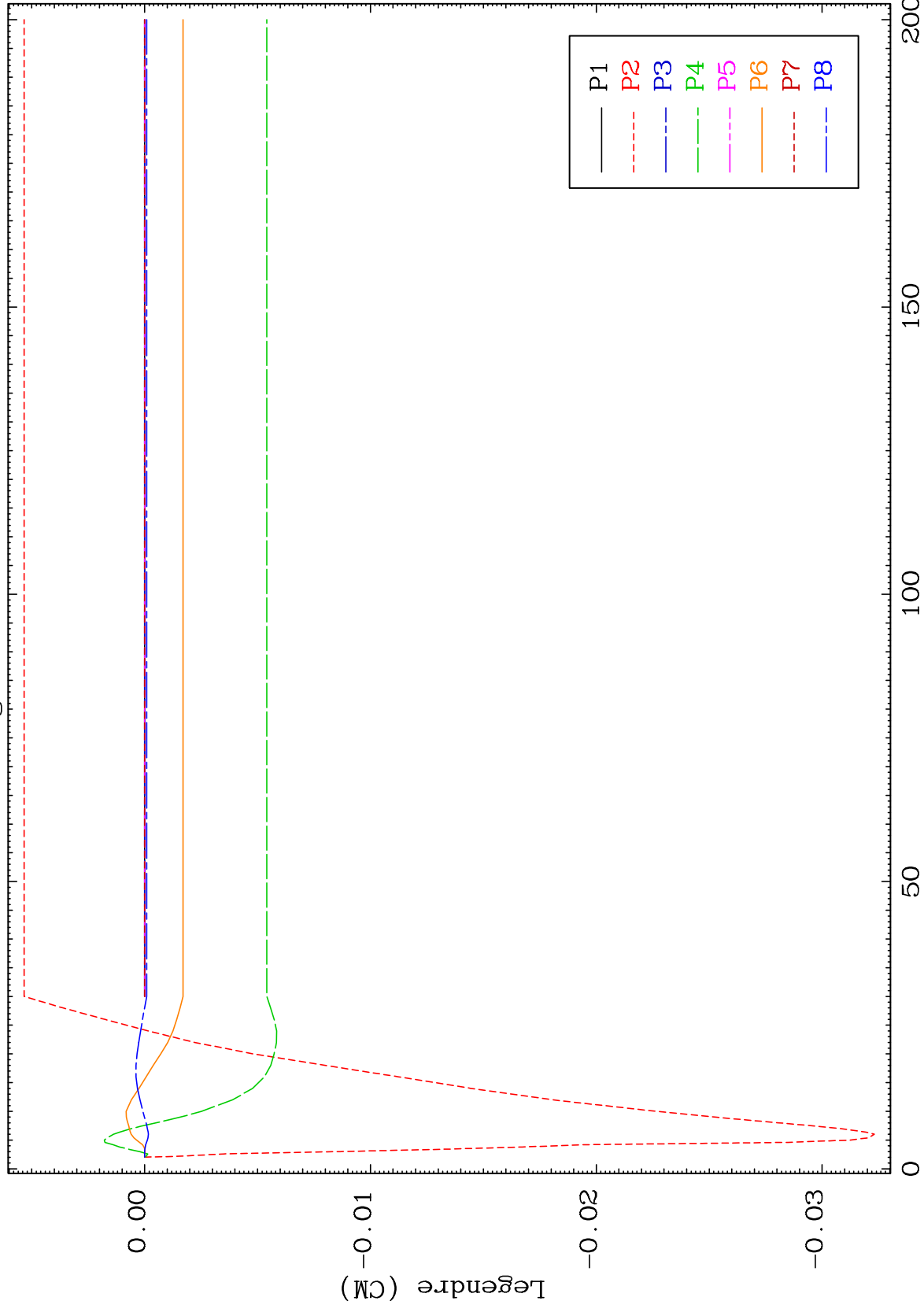
51-Sb-126



MAT 5140

51-Sb-126

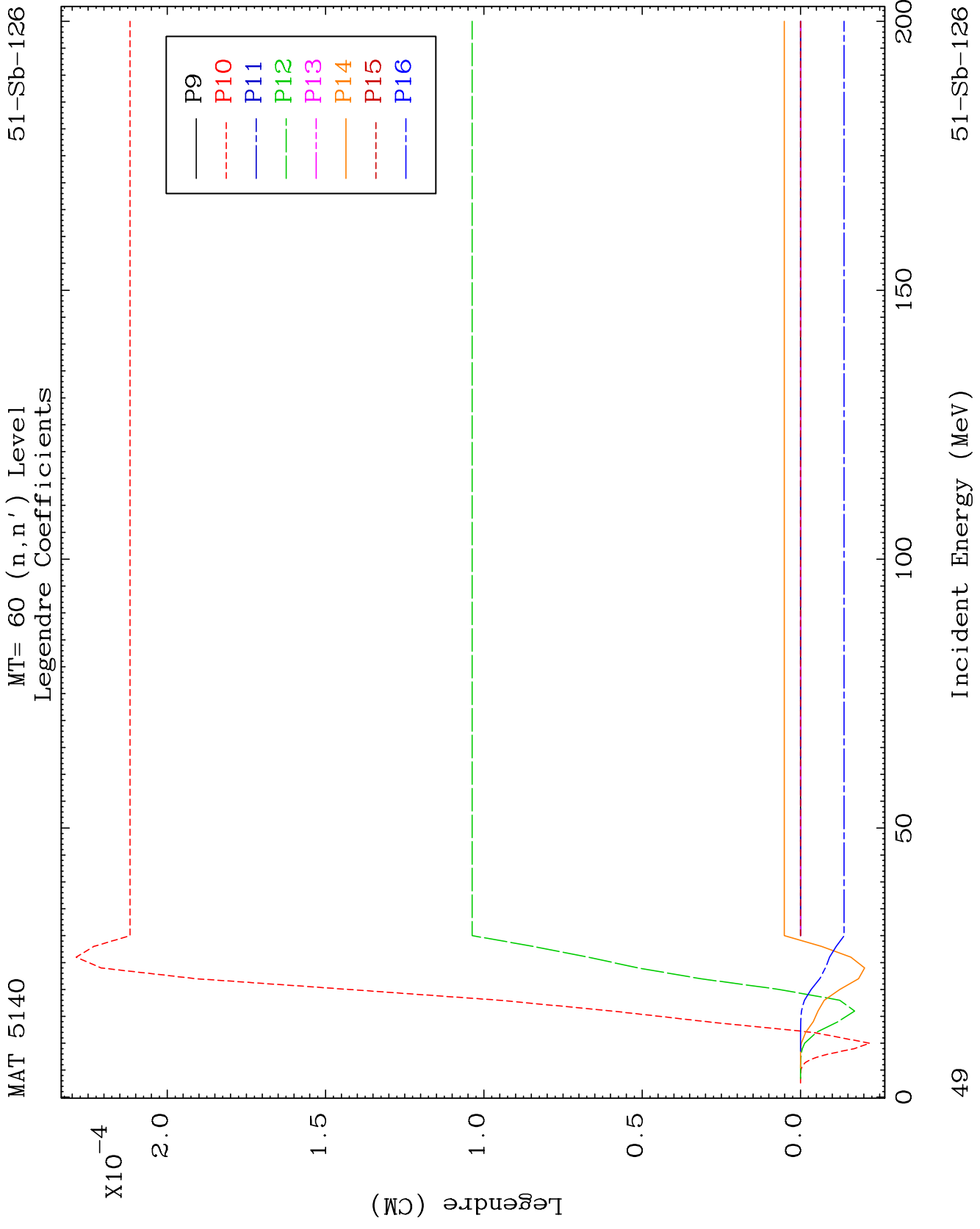
MT= 60 (n,n') Level  
Legendre Coefficients

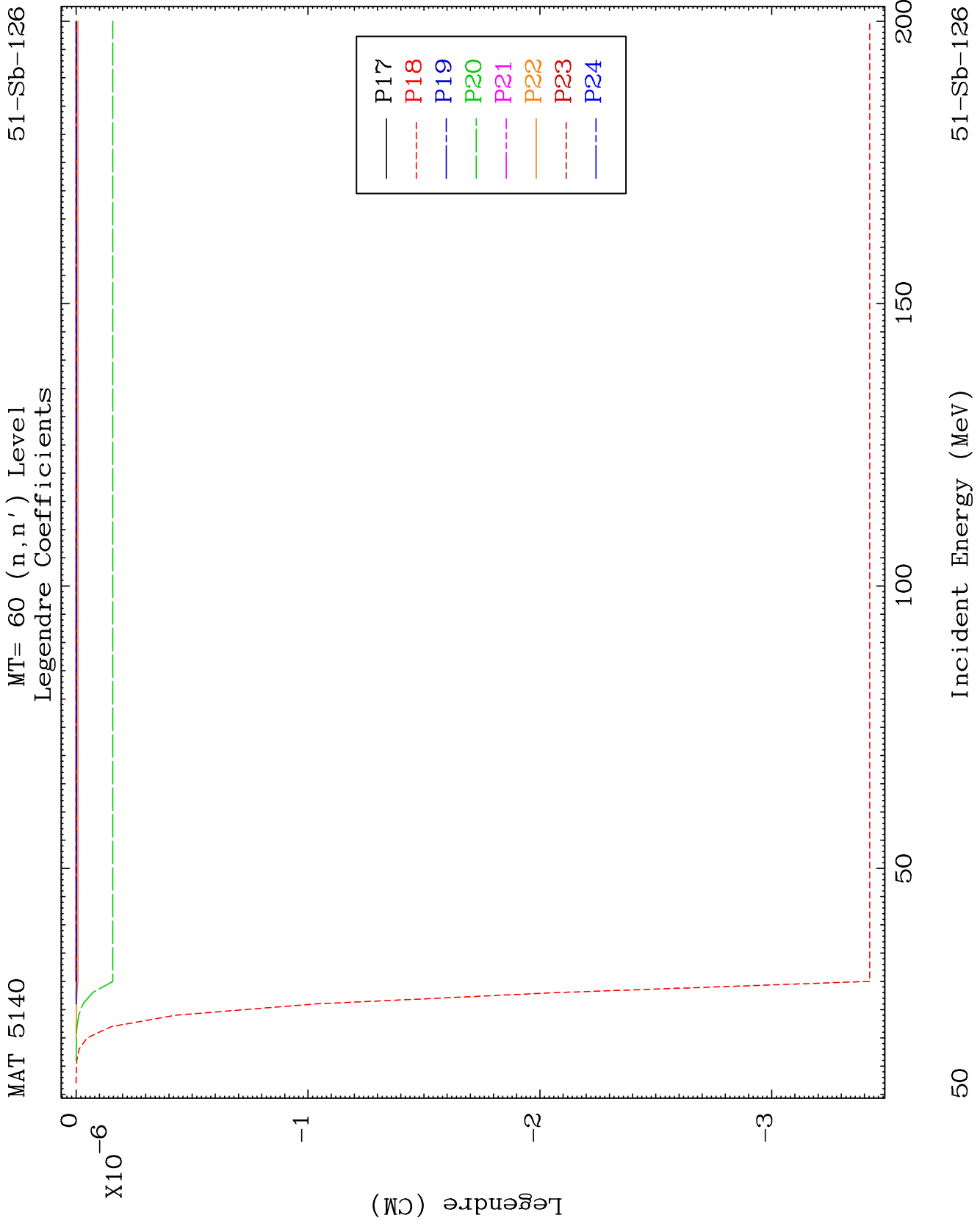


51-Sb-126

Incident Energy (MeV)

48

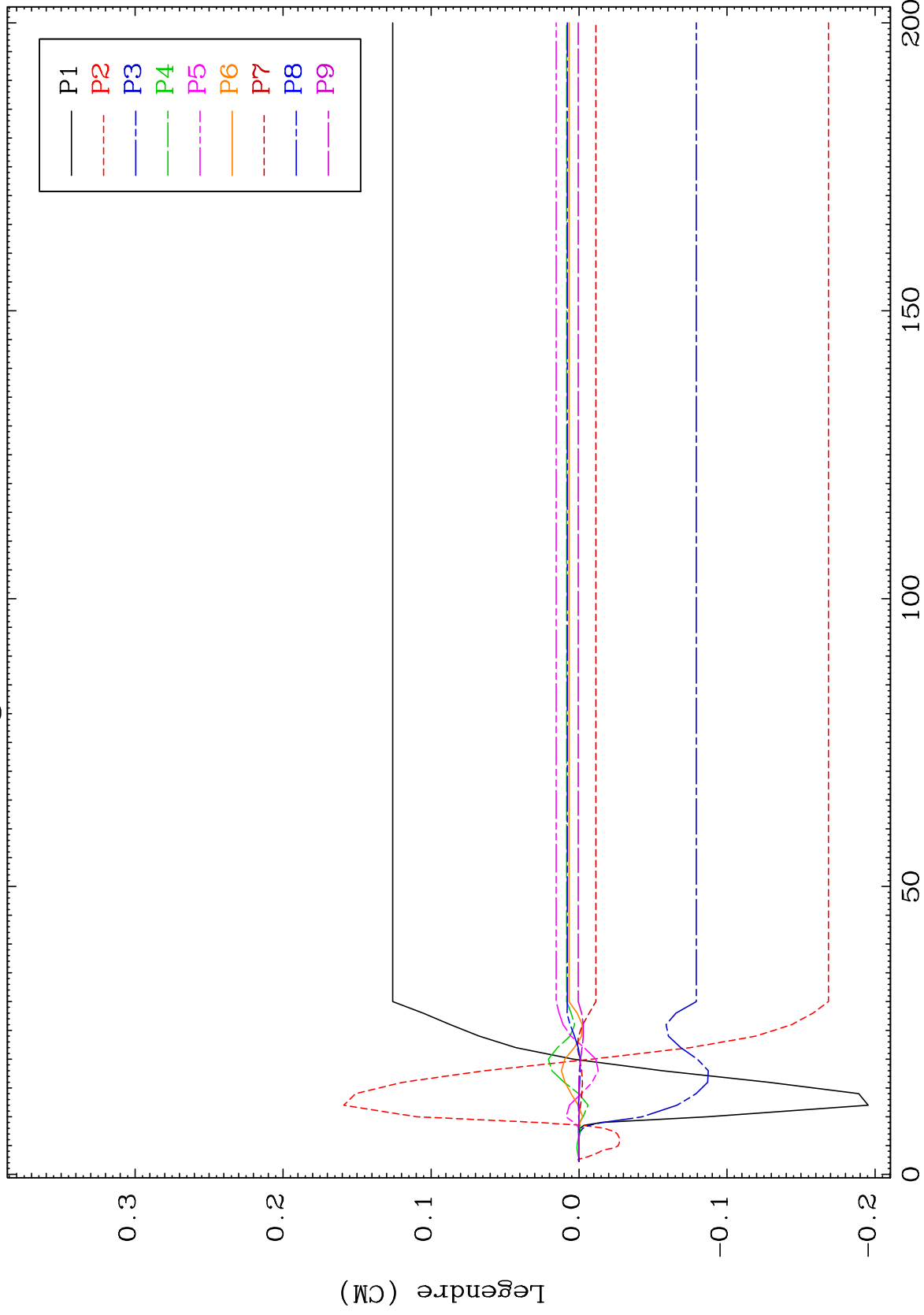




MAT 5140

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

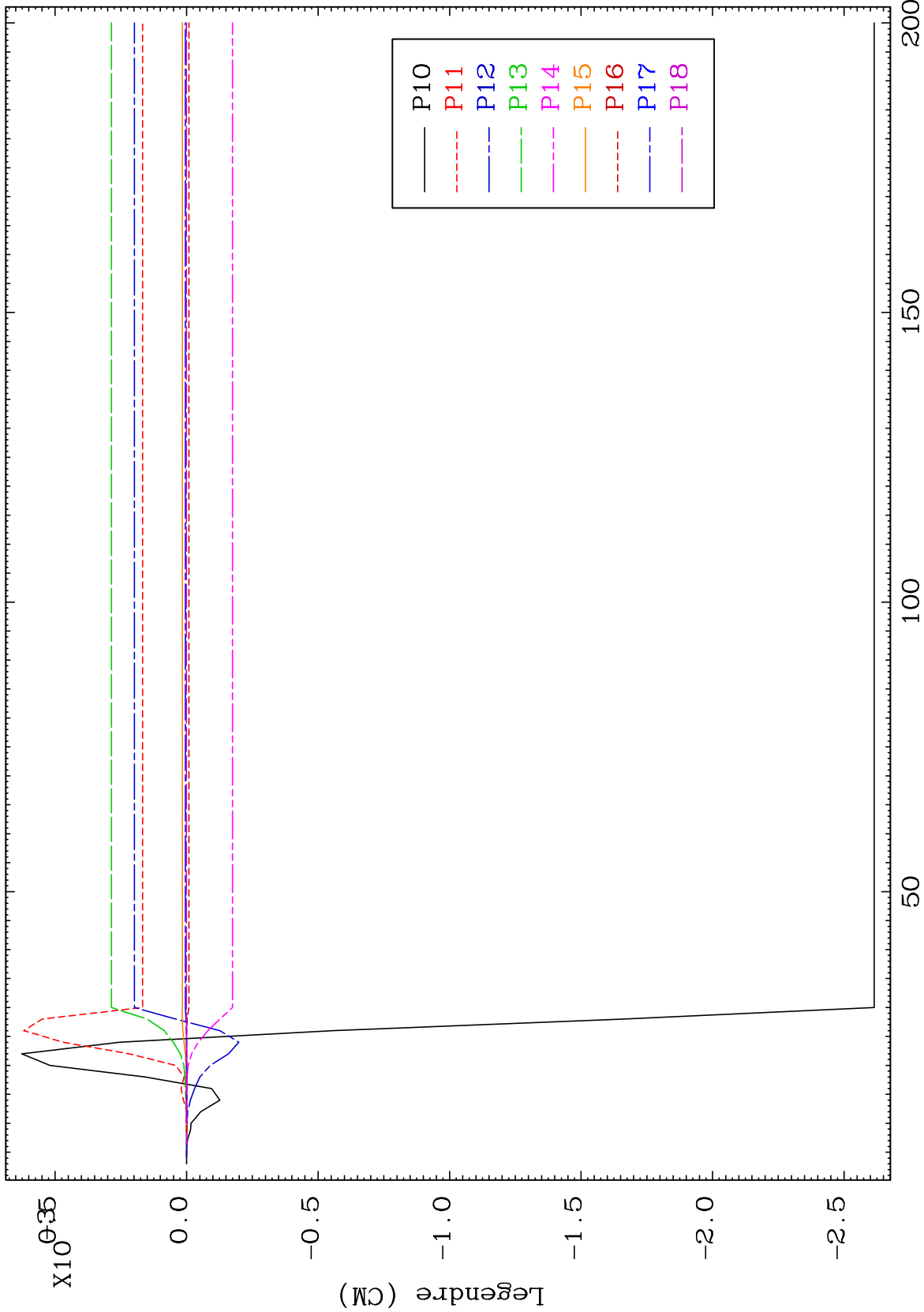
51-Sb-126

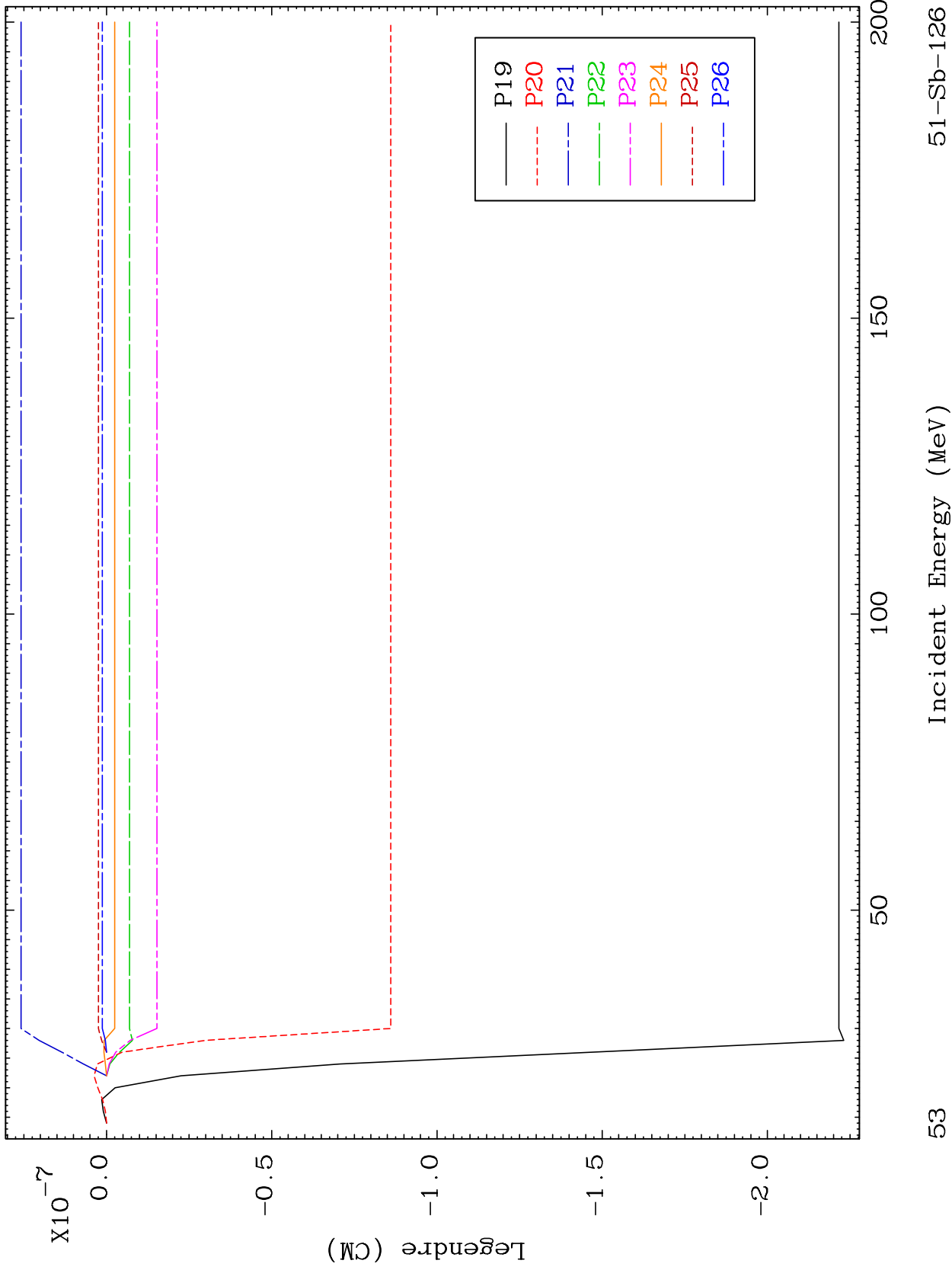


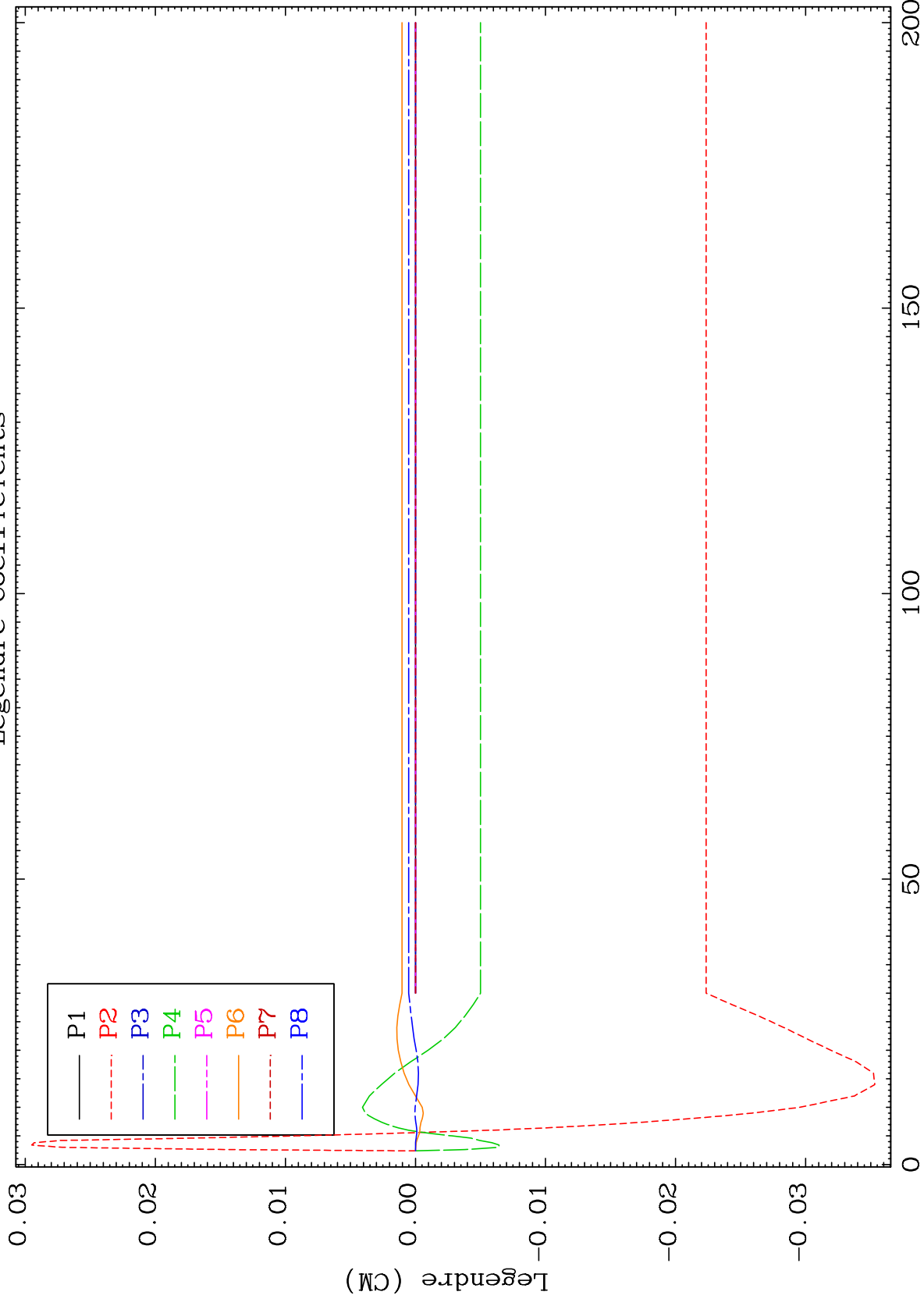
51

Incident Energy (MeV)

51-Sb-126



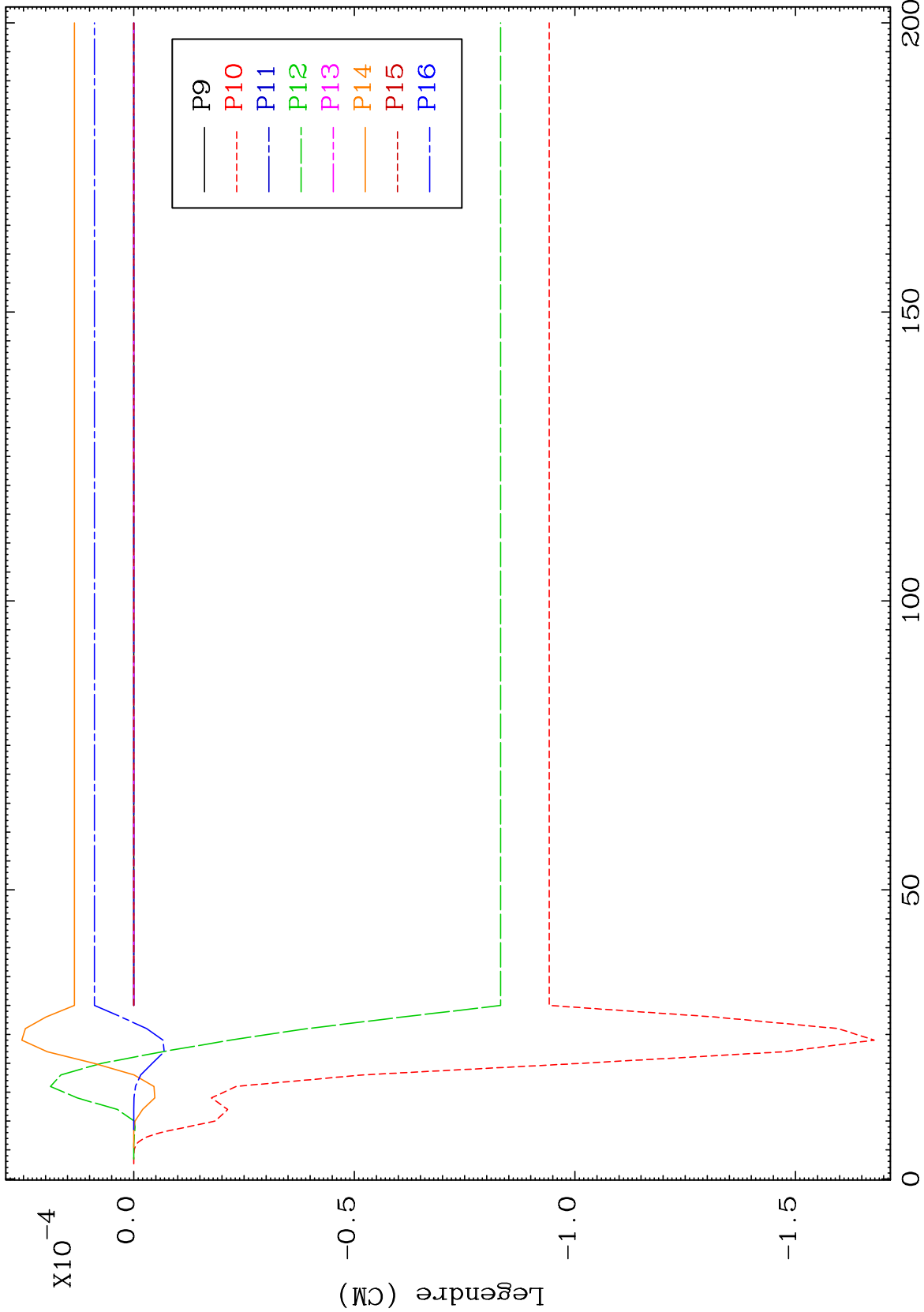




MAT 5140

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

51-Sb-126



55

Incident Energy (MeV)

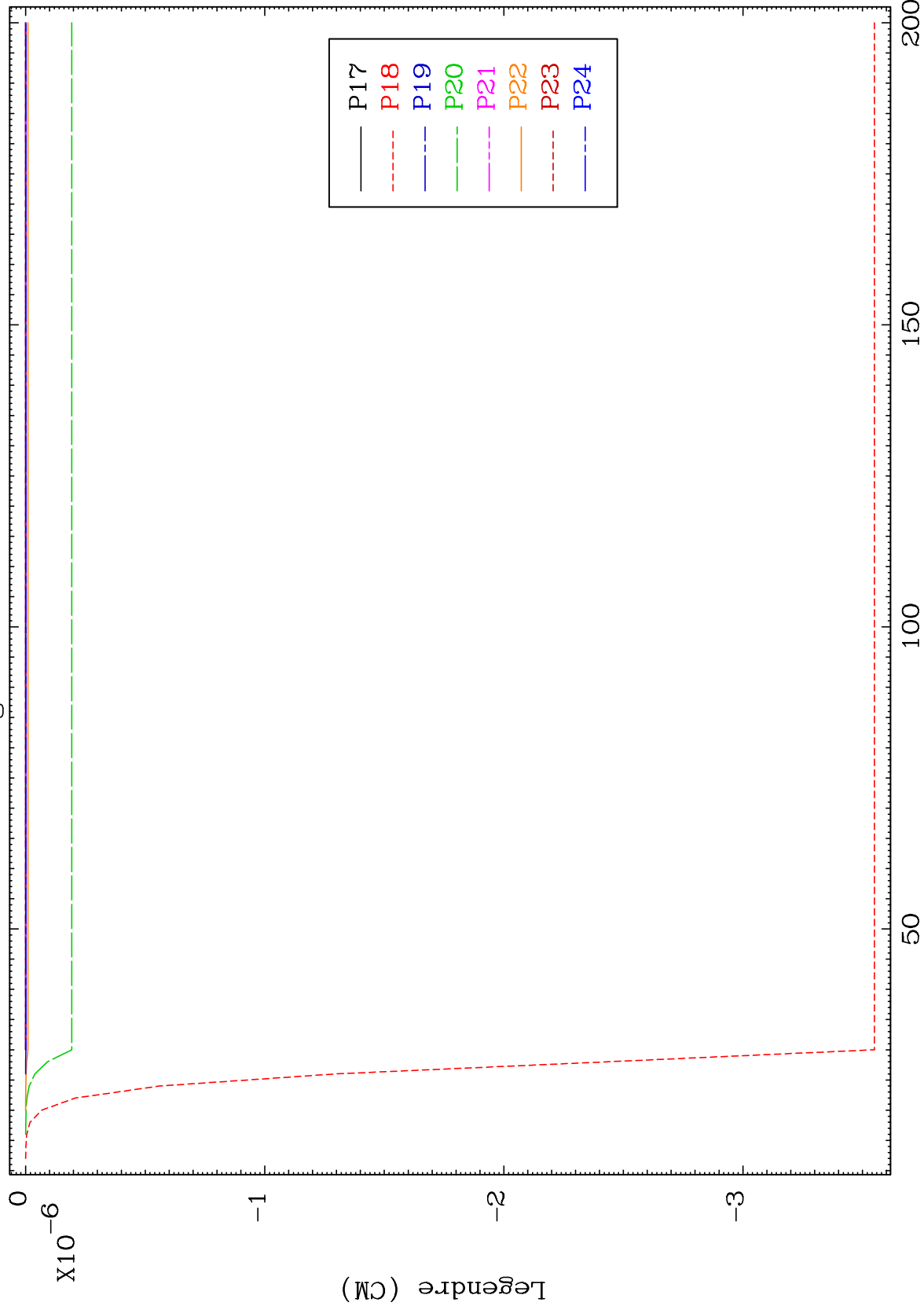
51-Sb-126



MAT 5140

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

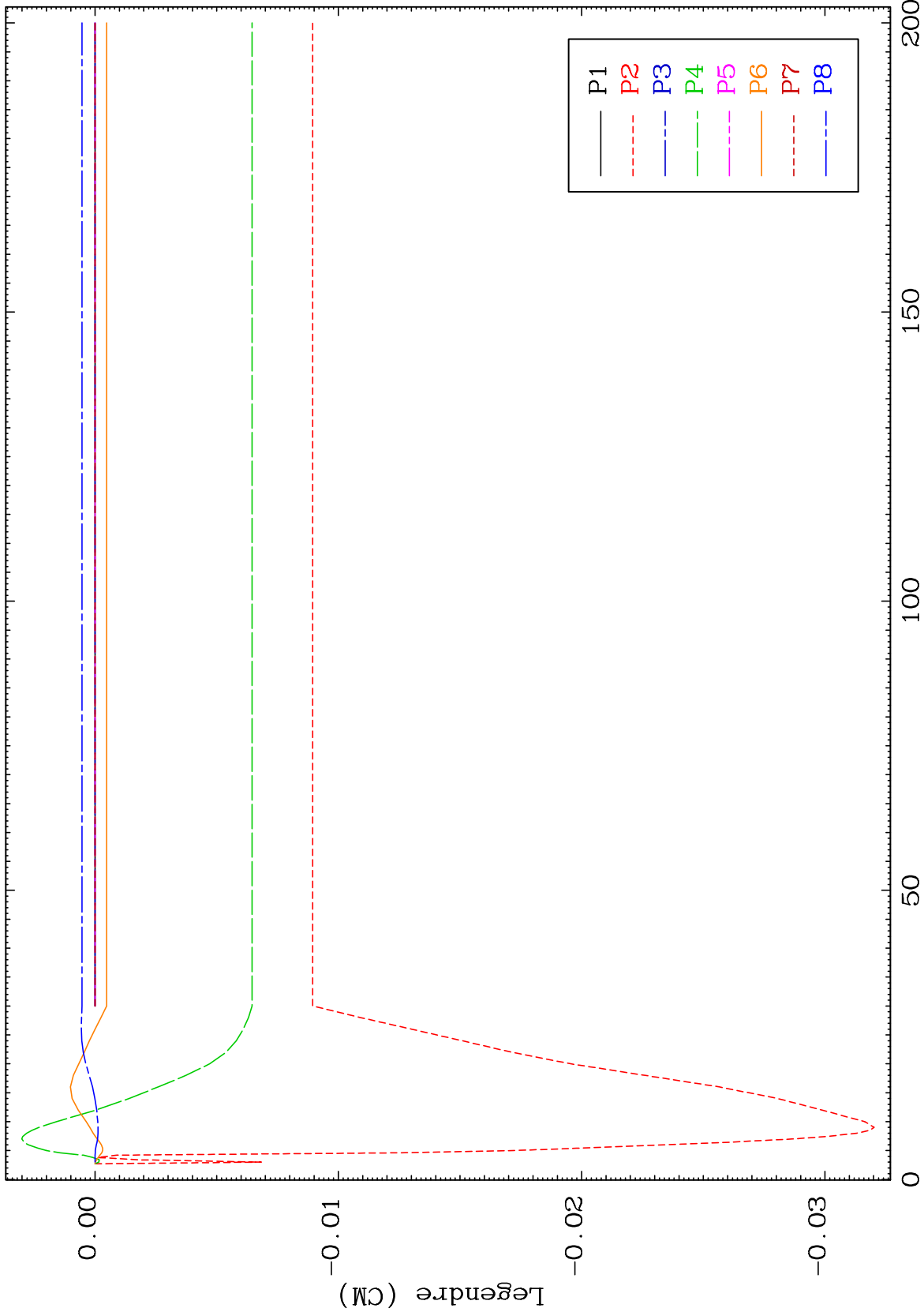
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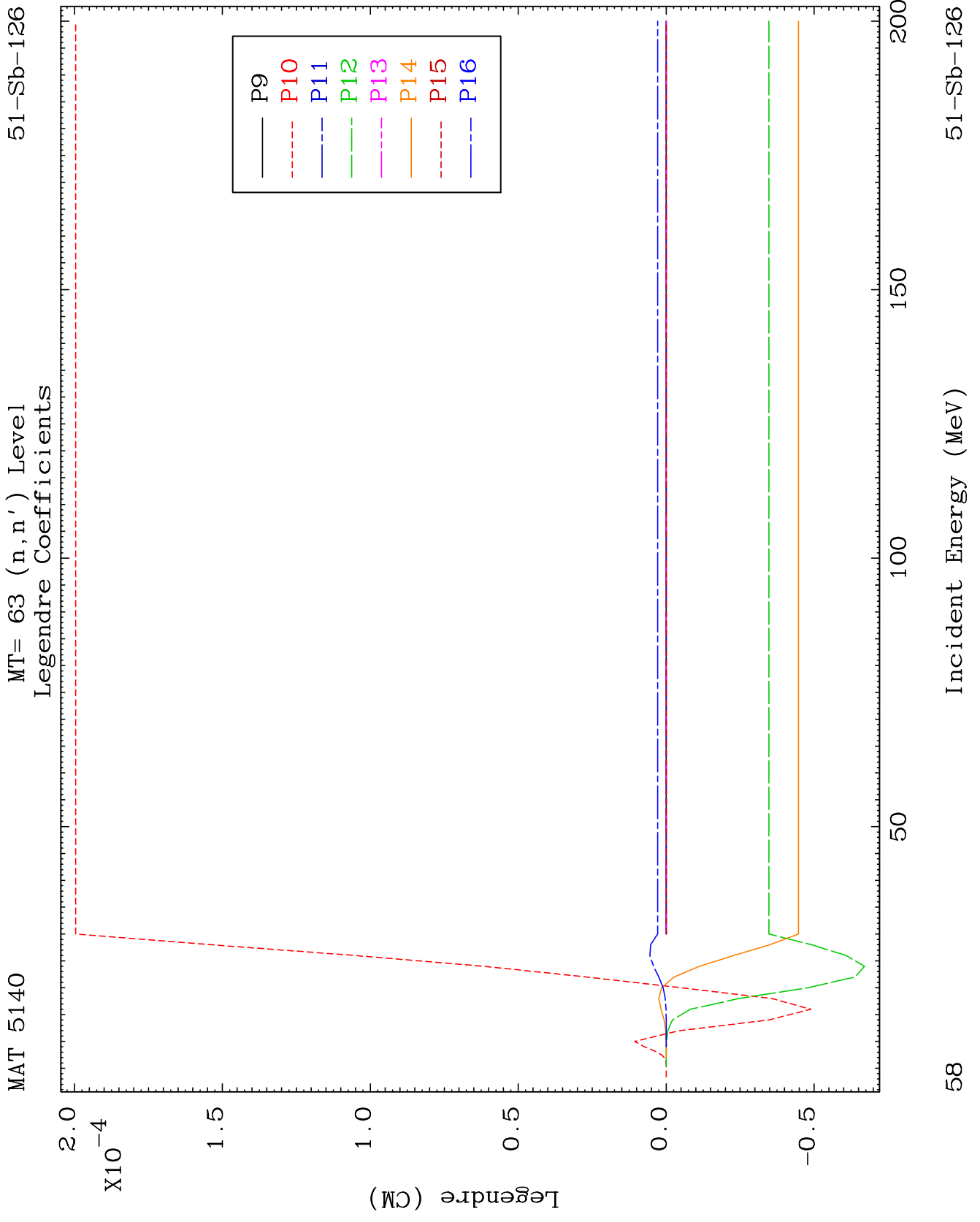


51-Sb-126

Incident Energy (MeV)

56

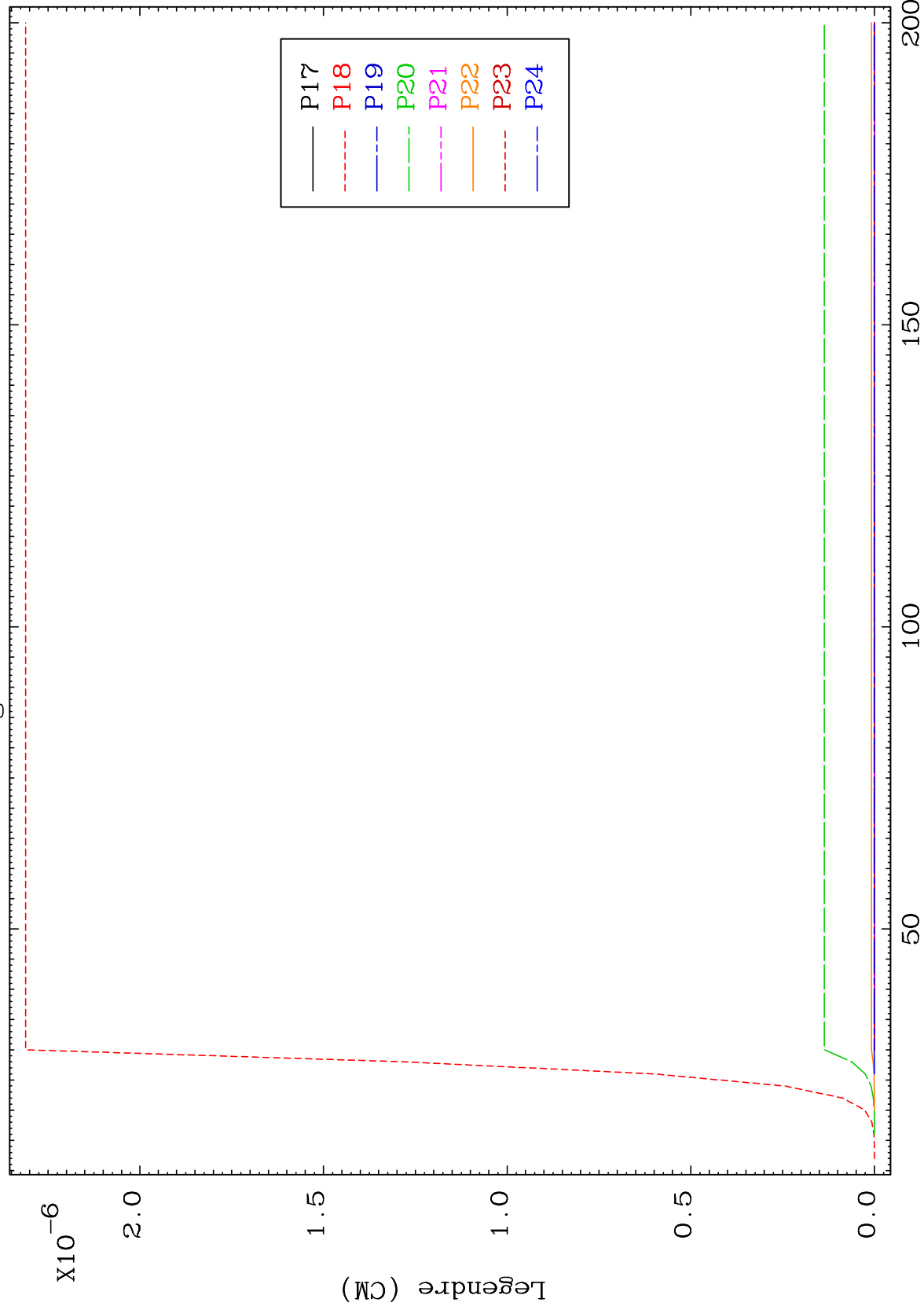




MAT 5140

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

51-Sb-126



51-Sb-126

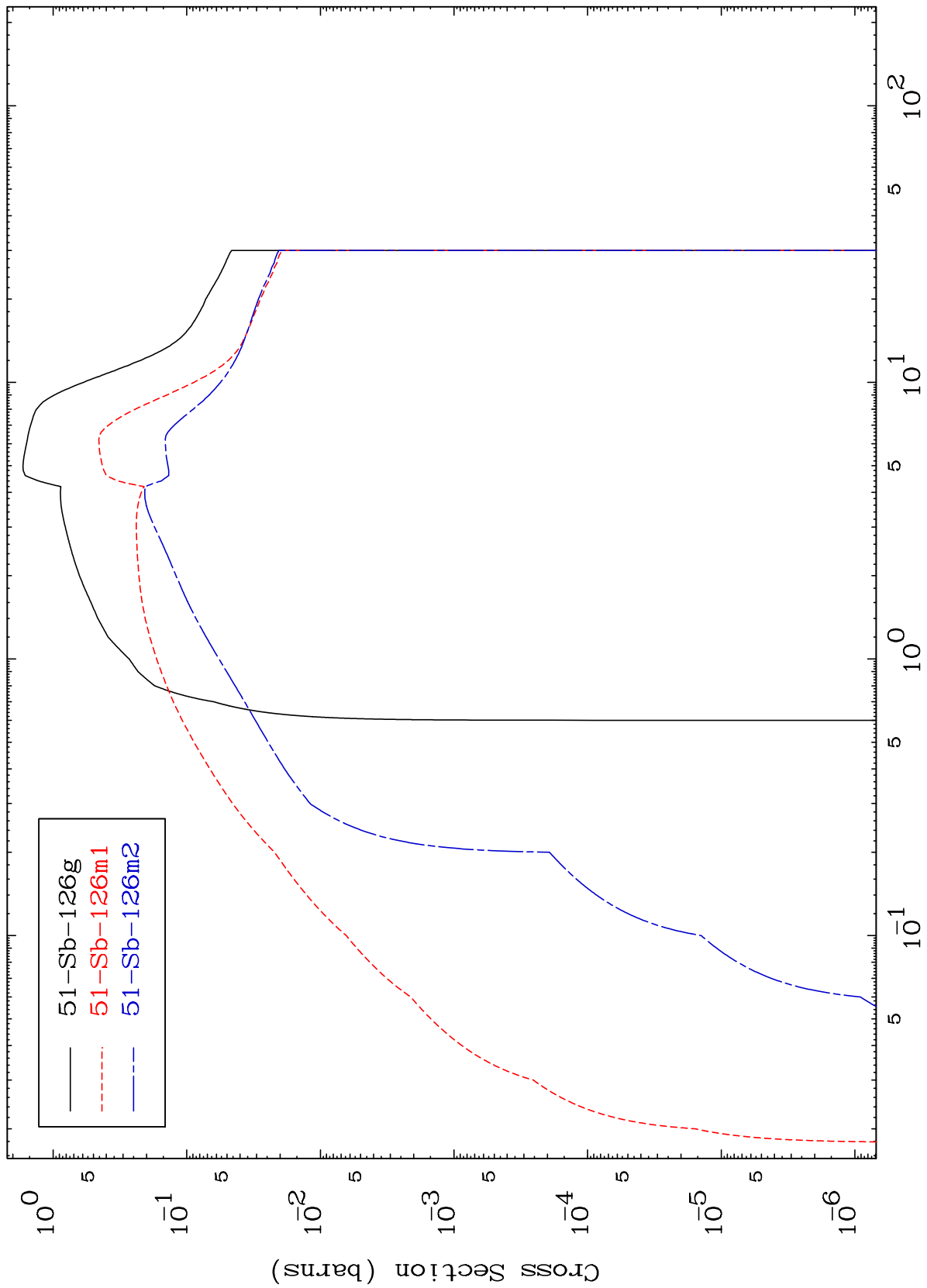
Incident Energy (MeV)

59

MAT 5140

51-Sb-126

Radionuclide Production Cross Section



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

51-Sb-126

Incident Energy (MeV)

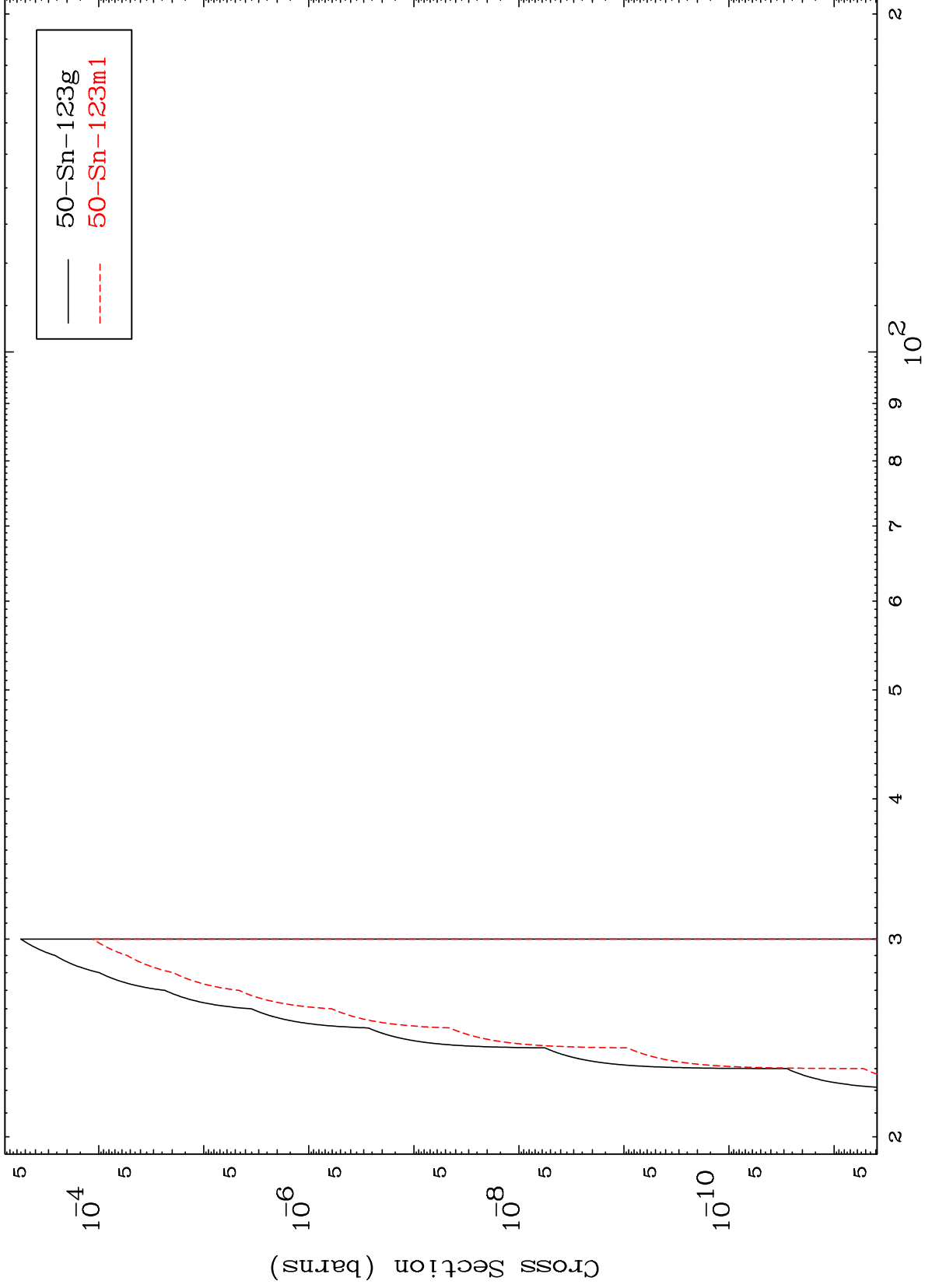
60

MAT 5140

(n,2n) d

51-Sb-126

Radionuclide Production Cross Section



61

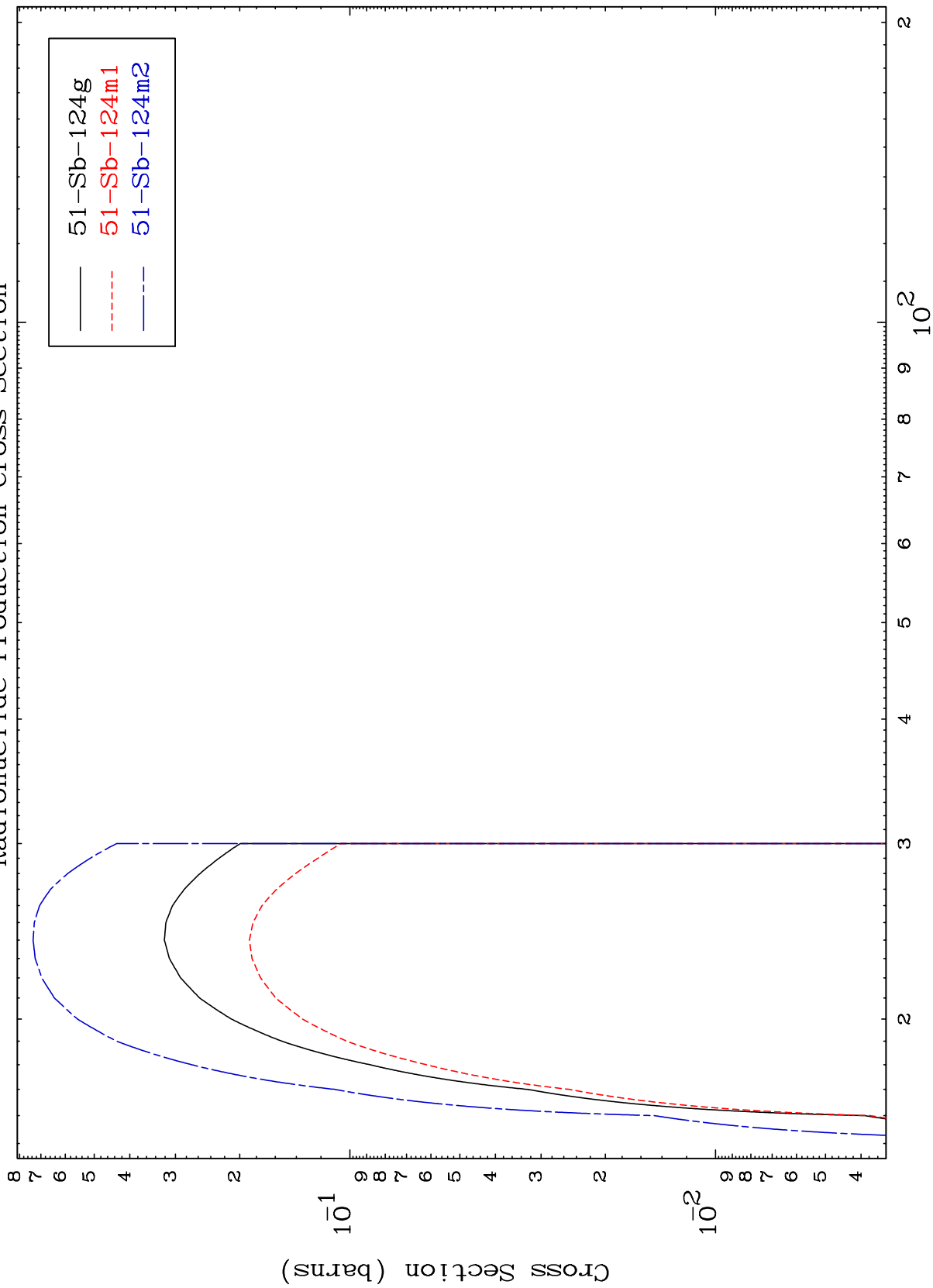
Incident Energy (MeV)

51-Sb-126

MAT 5140

51-Sb-126

(n,3n)  
Radionuclide Production Cross Section

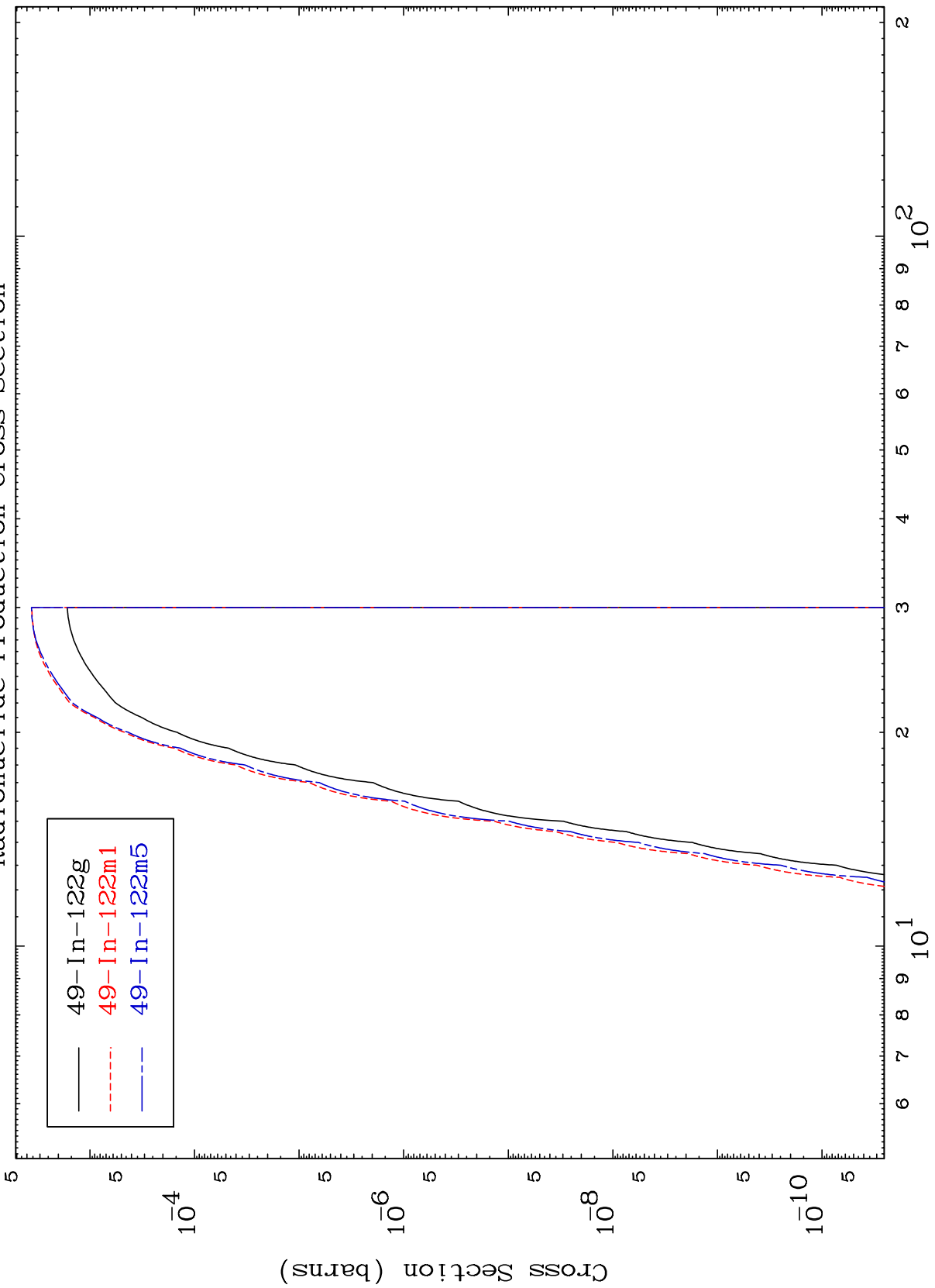


62

Incident Energy (MeV)

51-Sb-126

Radionuclide Production Cross Section

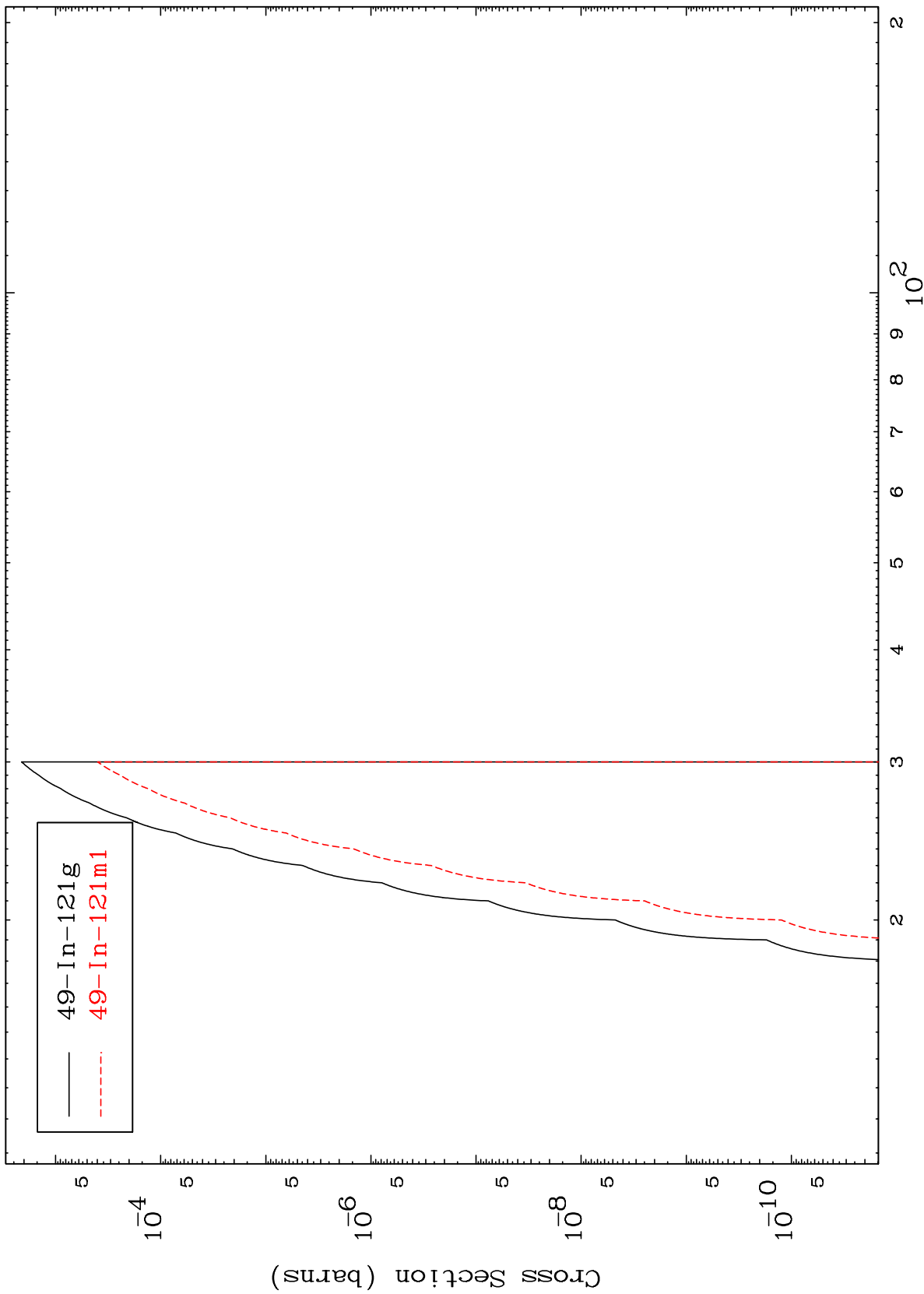




MAT 5140

51-Sb-126

(n,2n)  $\alpha$   
Radionuclide Production Cross Section



64

Incident Energy (MeV)

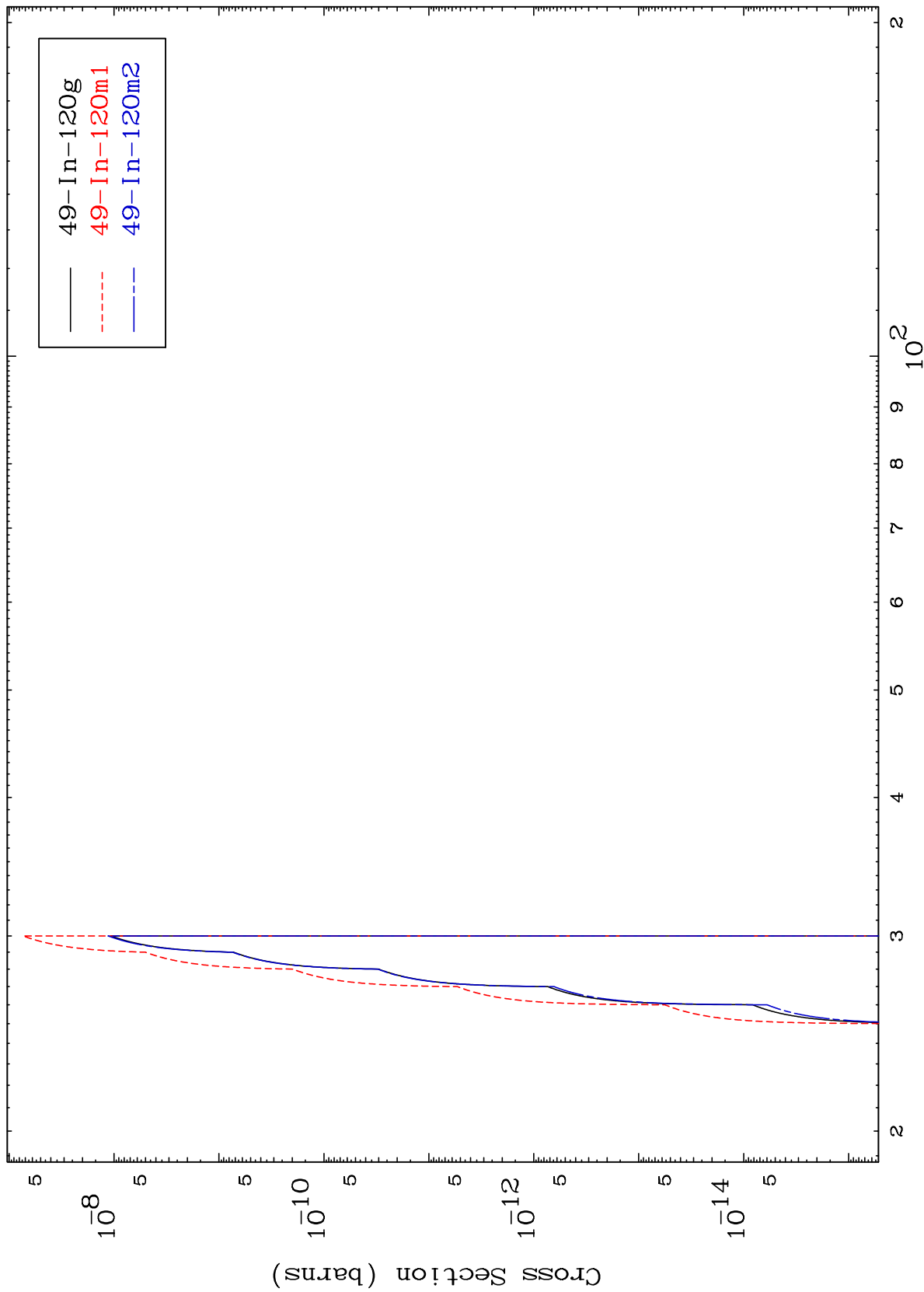
51-Sb-126

MAT 5140

(n,3n)  $\alpha$

51-Sb-126

Radionuclide Production Cross Section



65

Incident Energy (MeV)

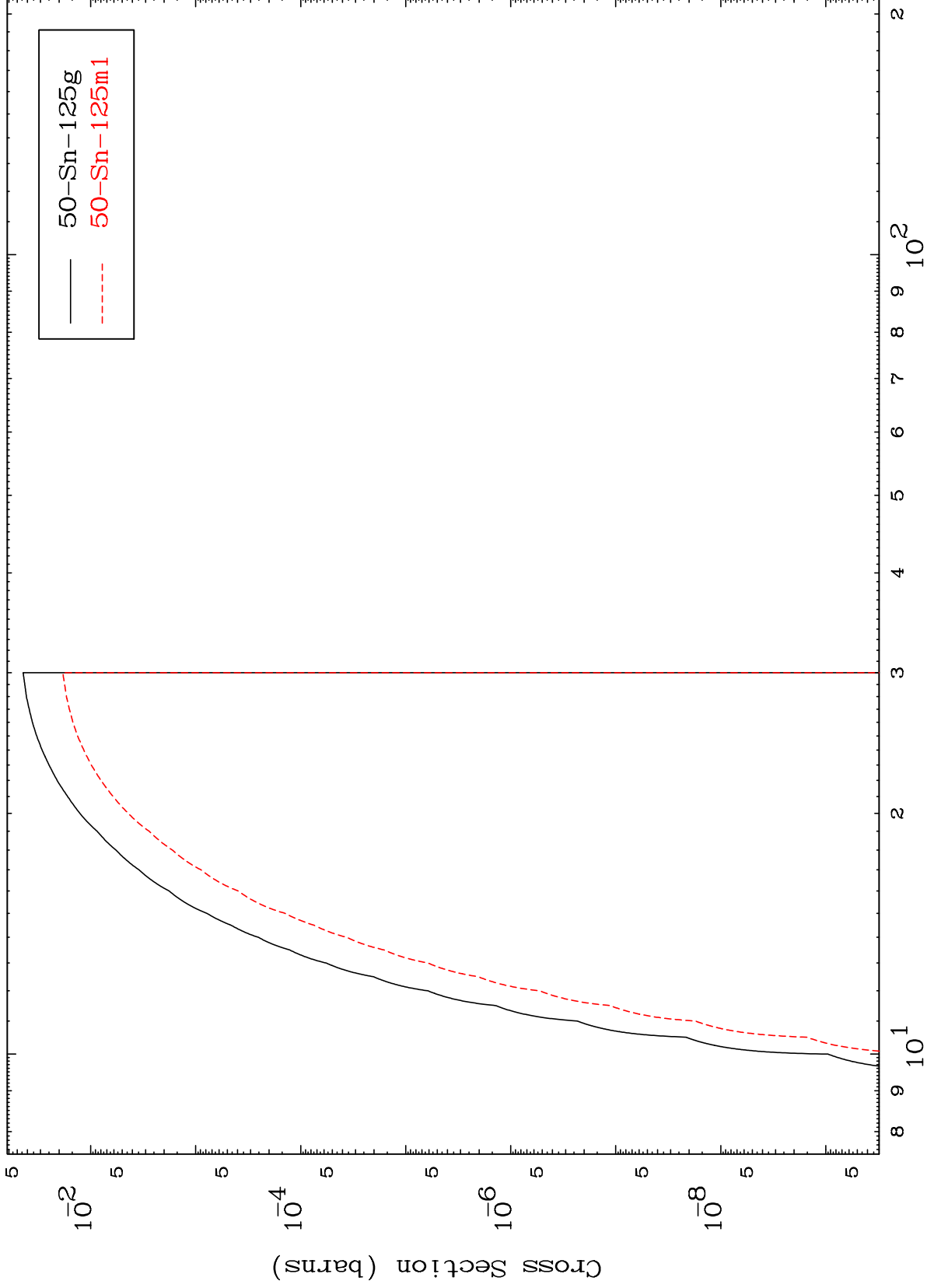
51-Sb-126

MAT 5140

(n,n') p

51-Sb-126

Radionuclide Production Cross Section



66

Incident Energy (MeV)

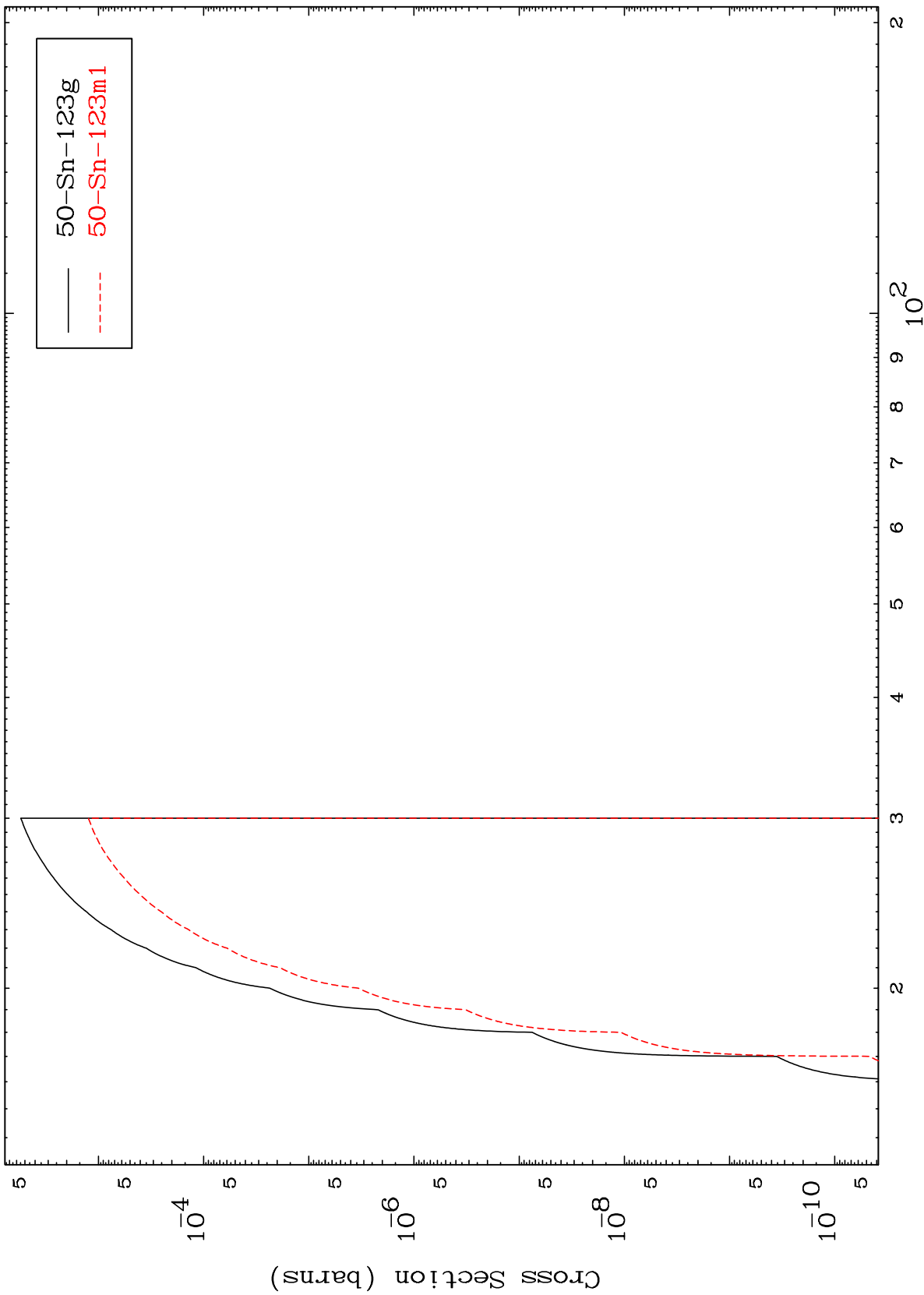
51-Sb-126

MAT 5140

(n,n') t

51-Sb-126

Radionuclide Production Cross Section

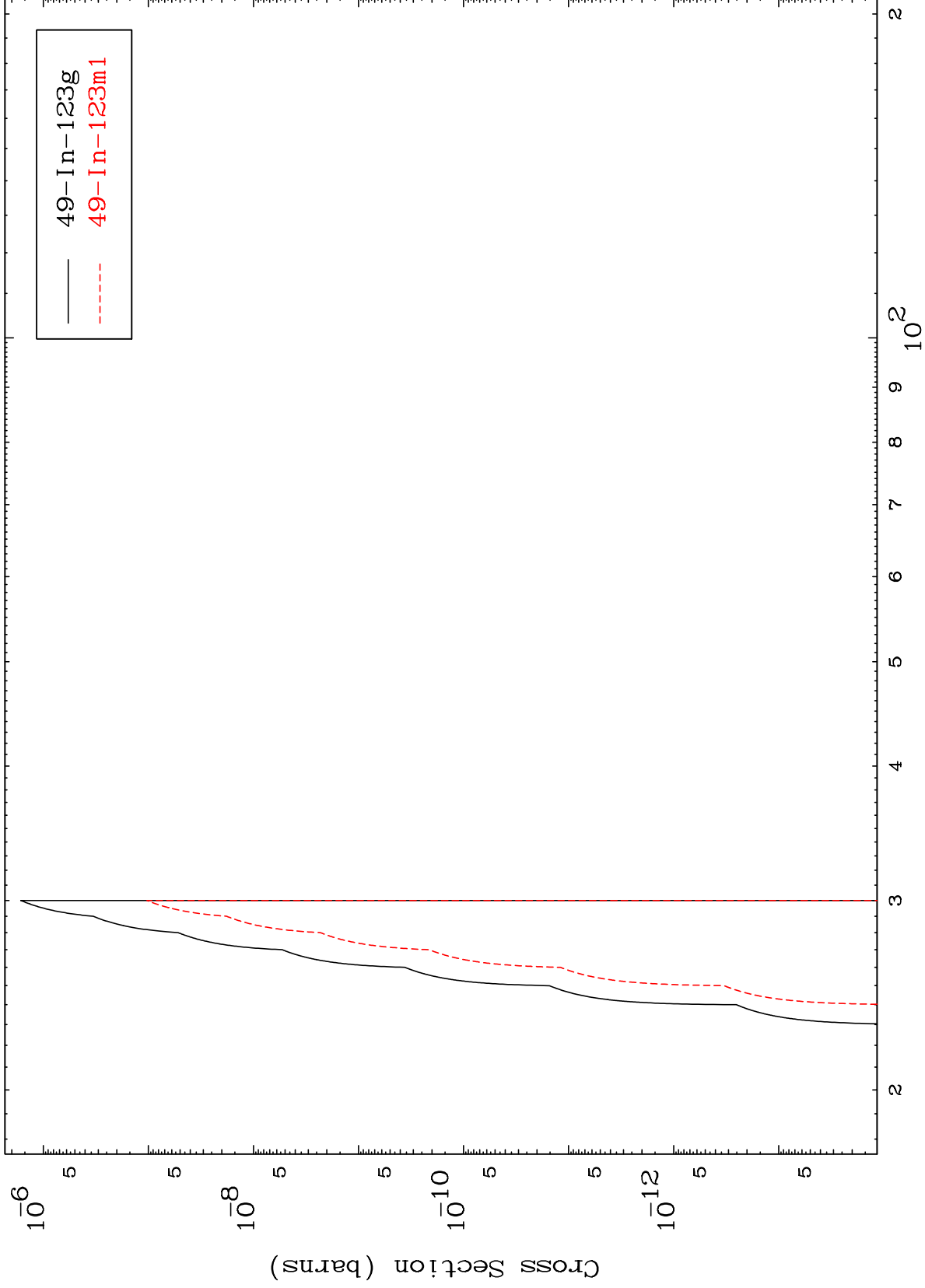


67

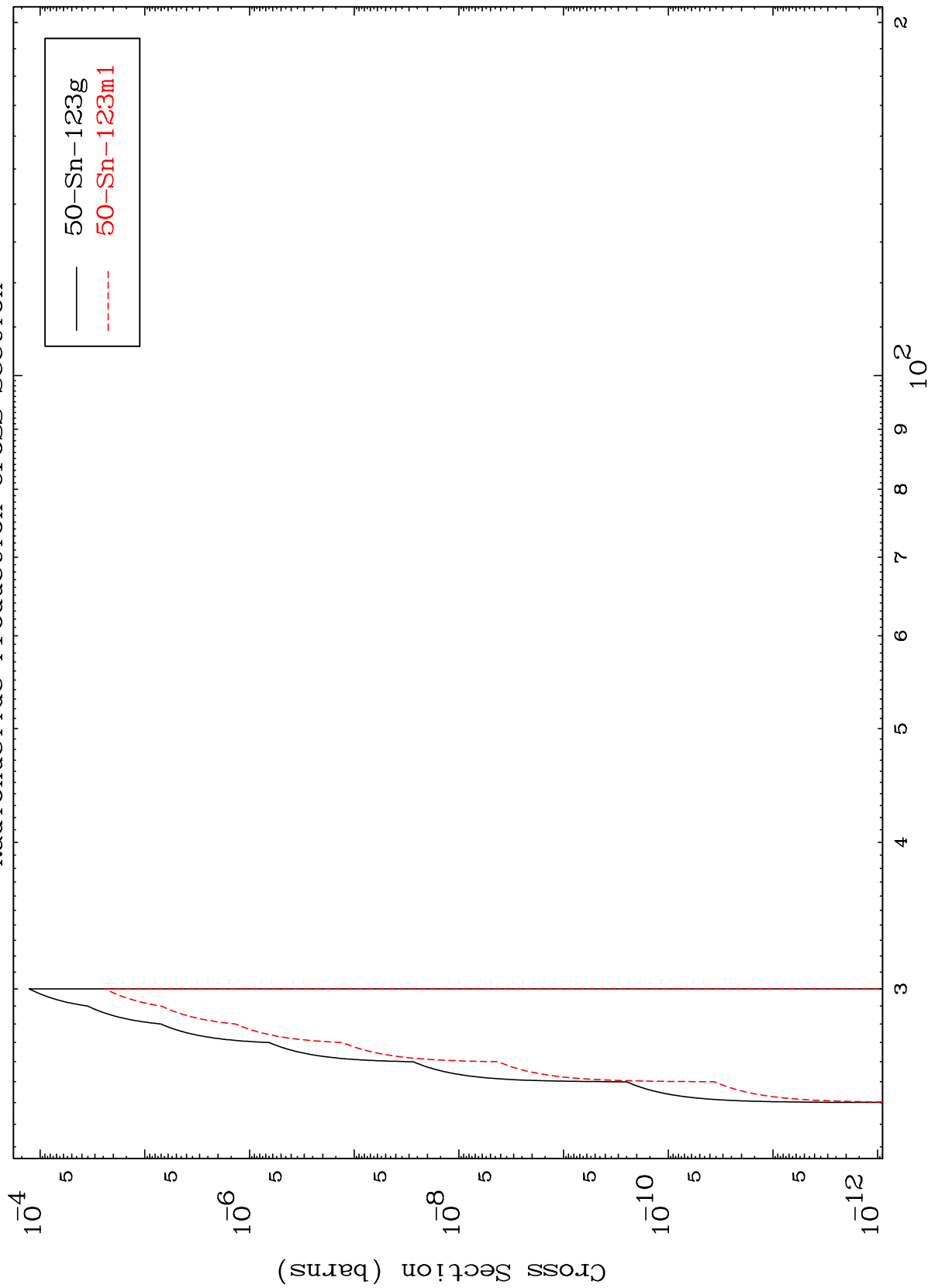
Incident Energy (MeV)

51-Sb-126

Radionuclide Production Cross Section



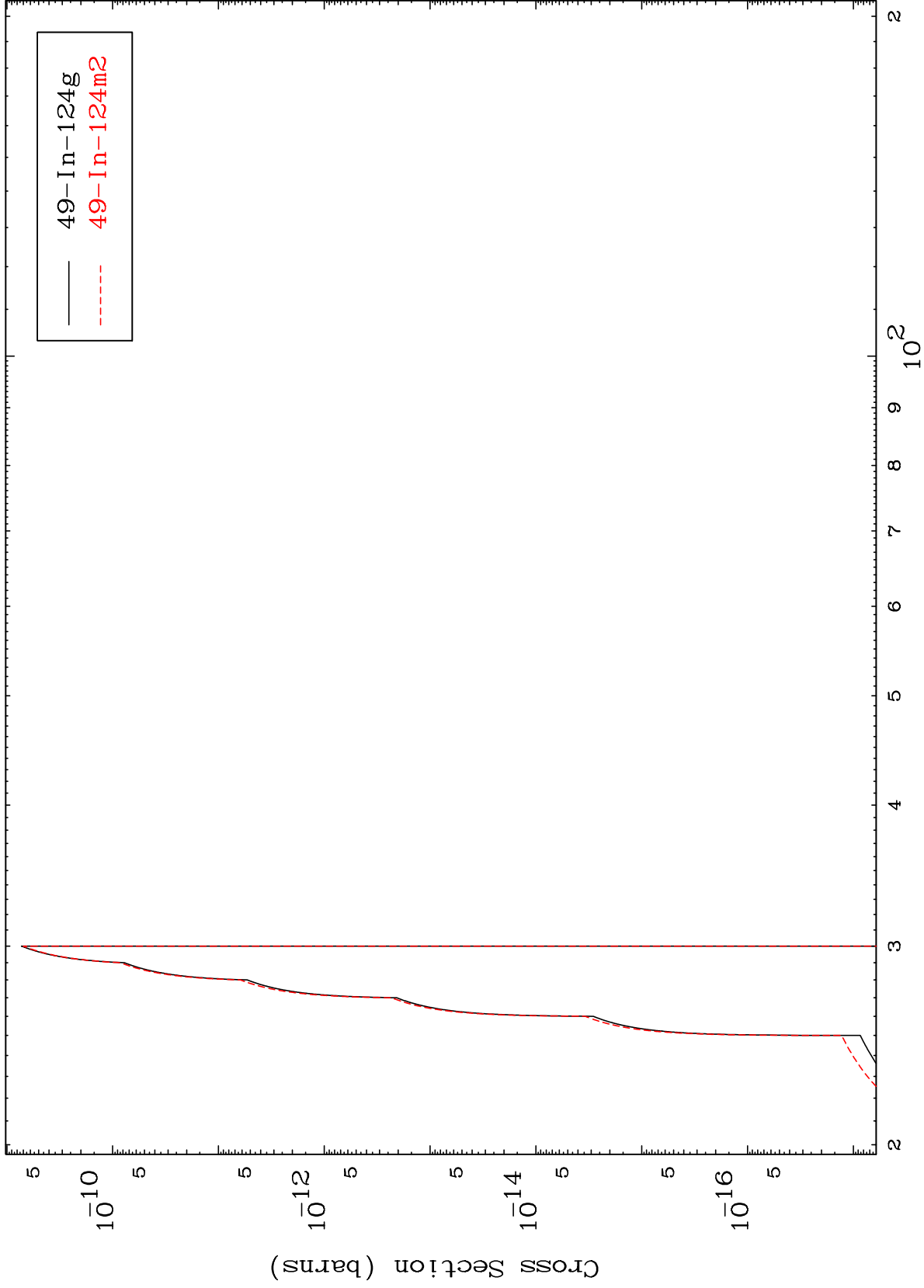
Radionuclide Production Cross Section



MAT 5140

51-Sb-126

(n,2n) p  
Radionuclide Production Cross Section



51-Sb-126

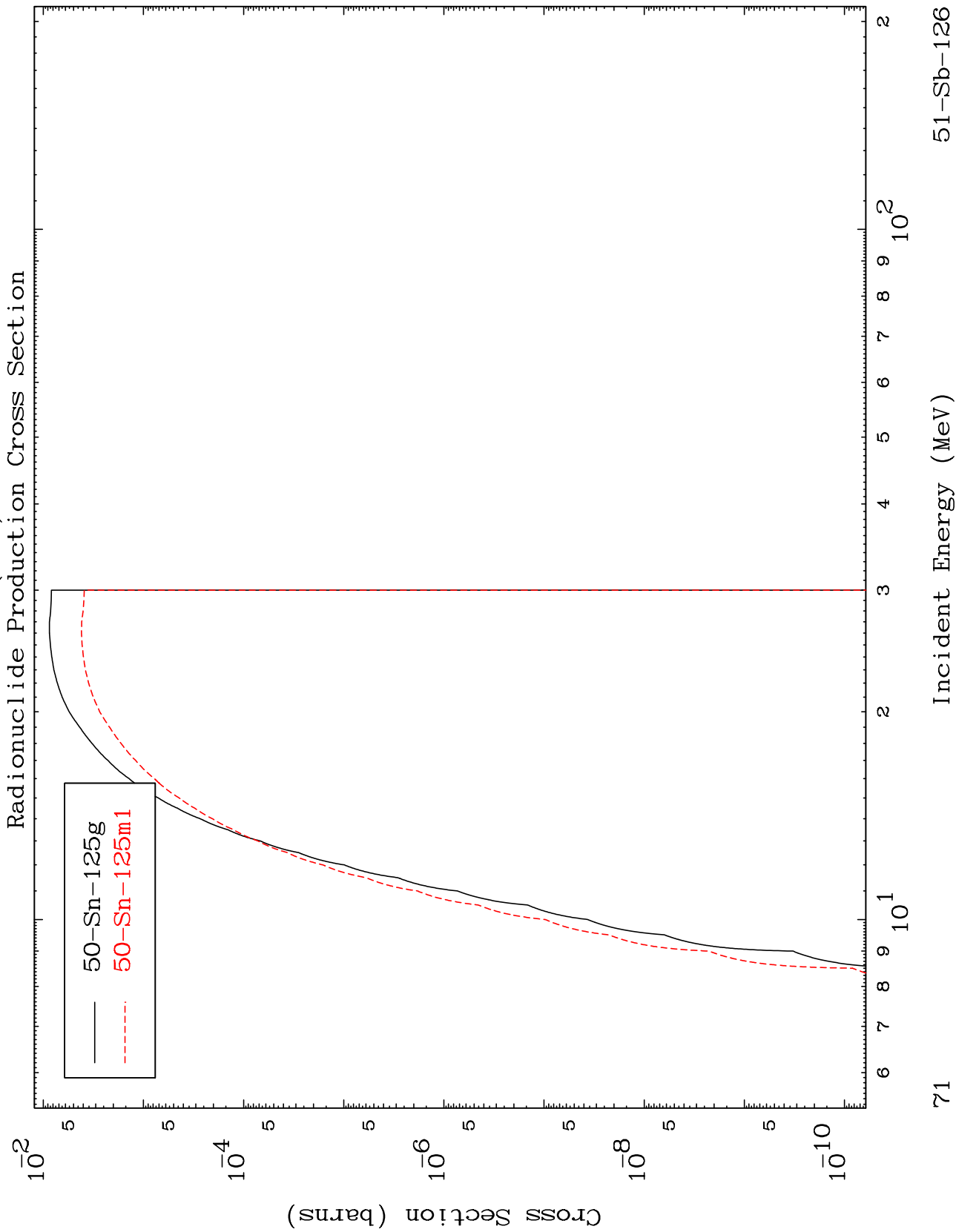
Incident Energy (MeV)

70

MAT 5140

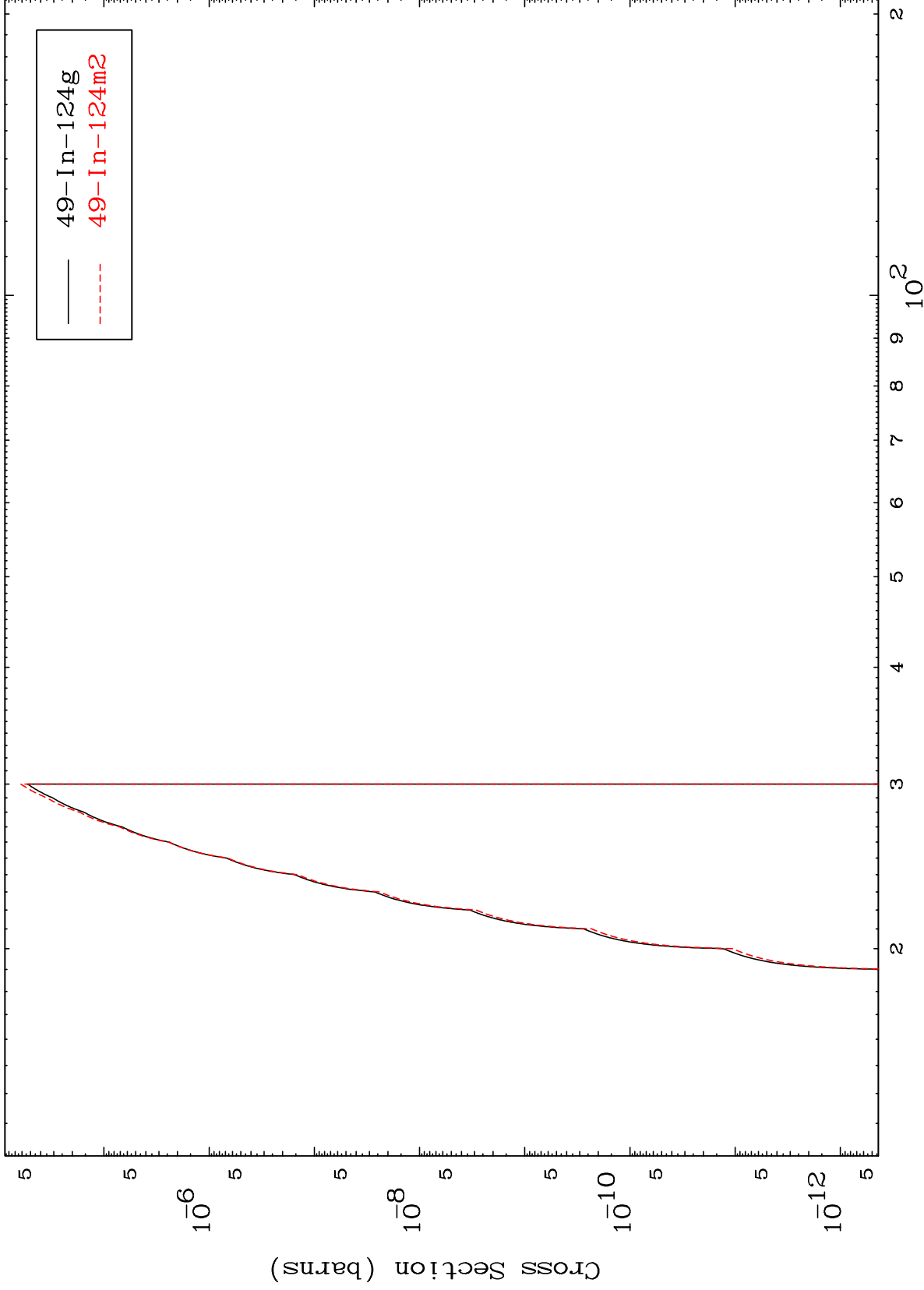
(n,d)

51-Sb-126





Radionuclide Production Cross Section

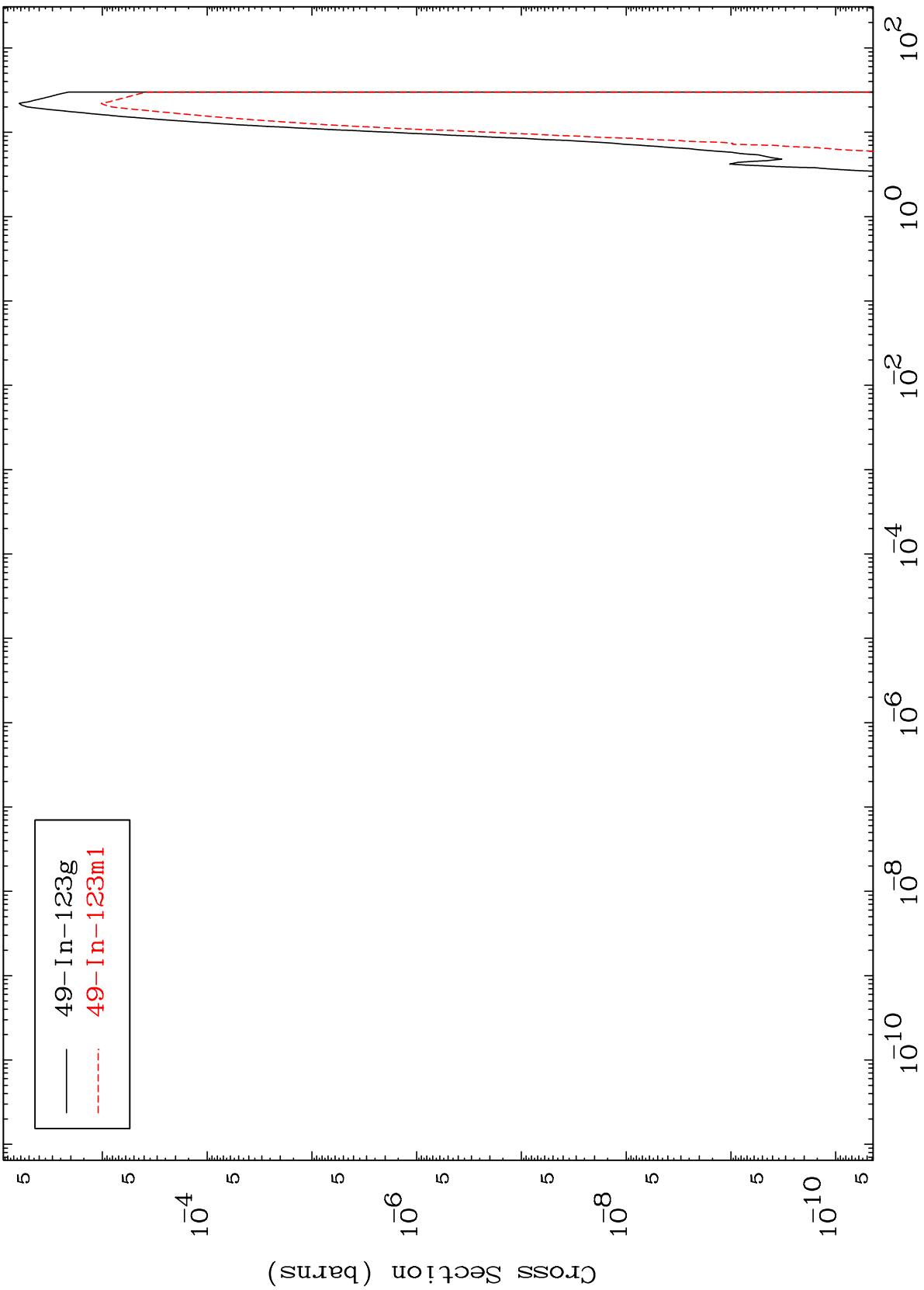


MAT 5140

(n,  $\alpha$ )

51-Sb-126

Radionuclide Production Cross Section



73

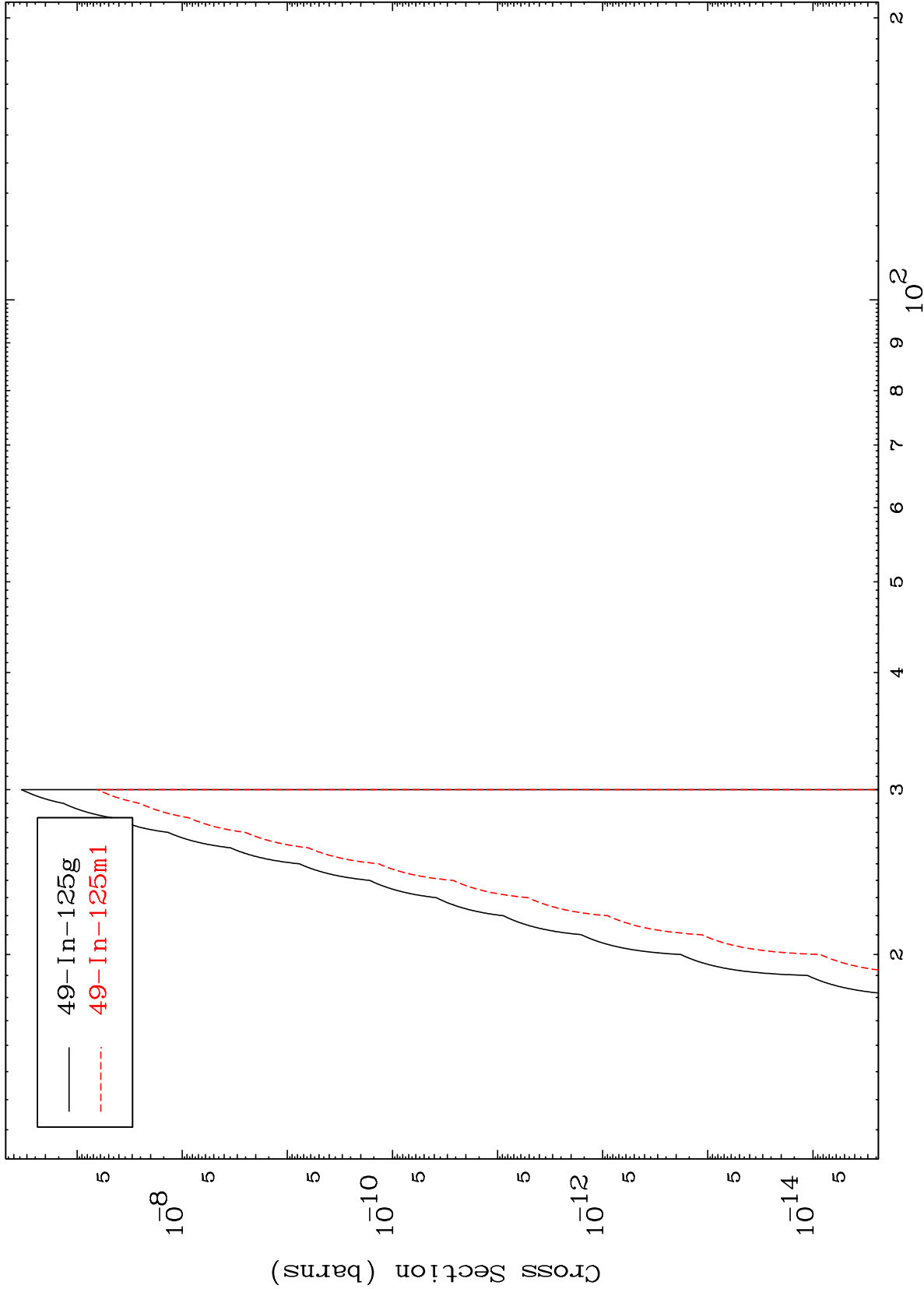
Incident Energy (MeV)

51-Sb-126

MAT 5140

51-Sb-126

(n,2p)  
Radionuclide Production Cross Section



51-Sb-126

Incident Energy (MeV)

74