

Program EVALPLOT
(Version 2017-1)

by

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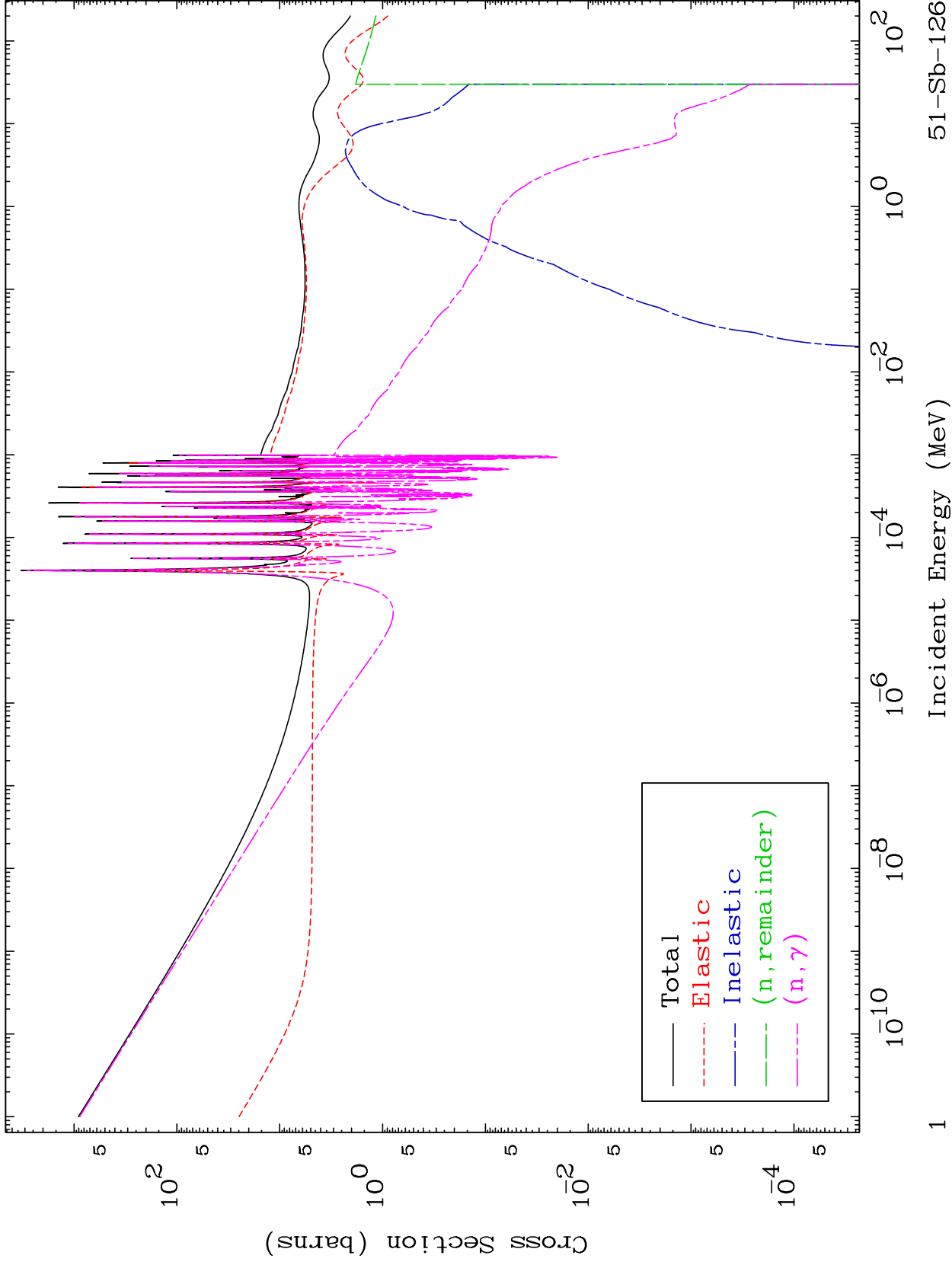
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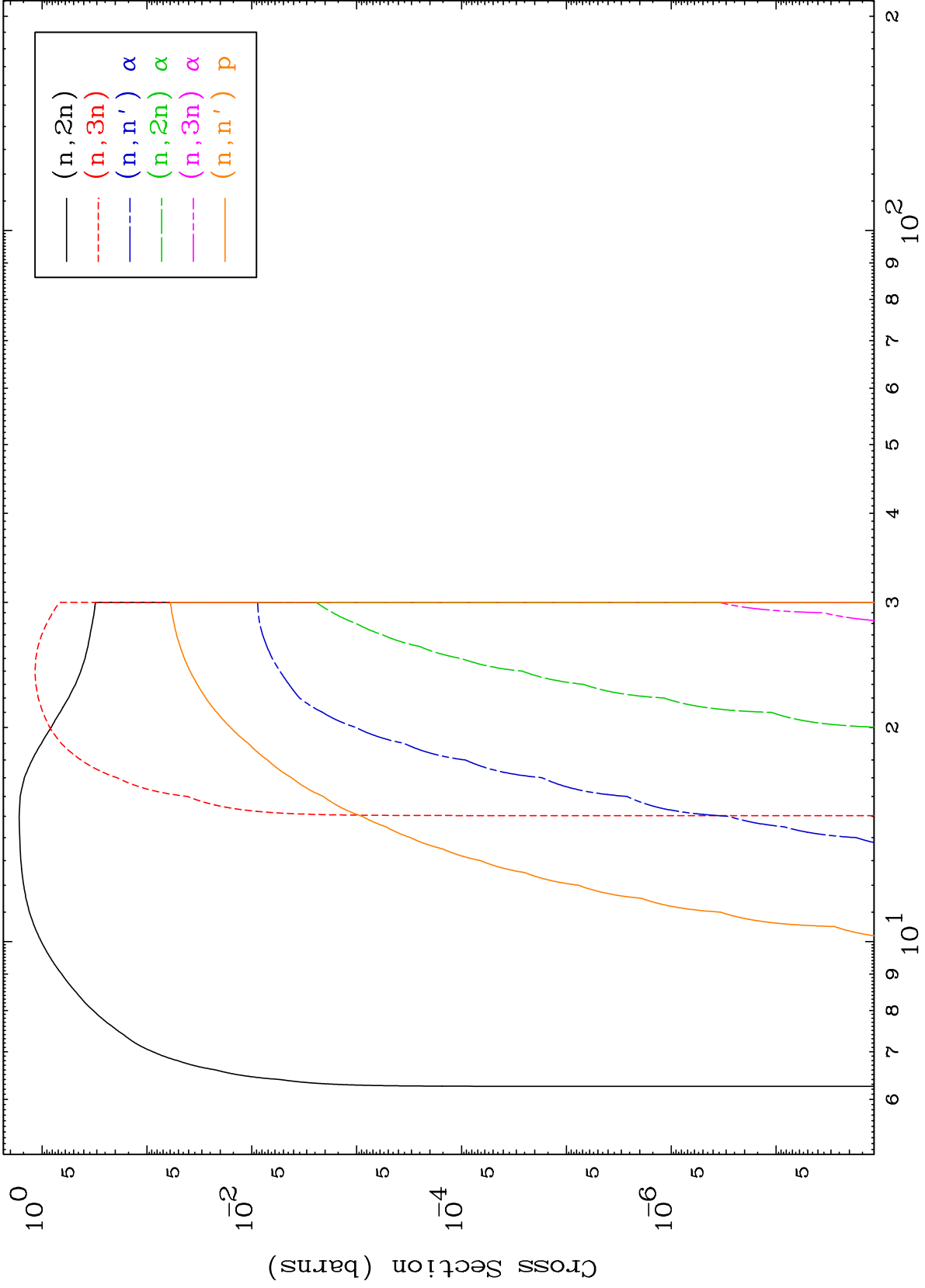
Press Mouse Button to Start

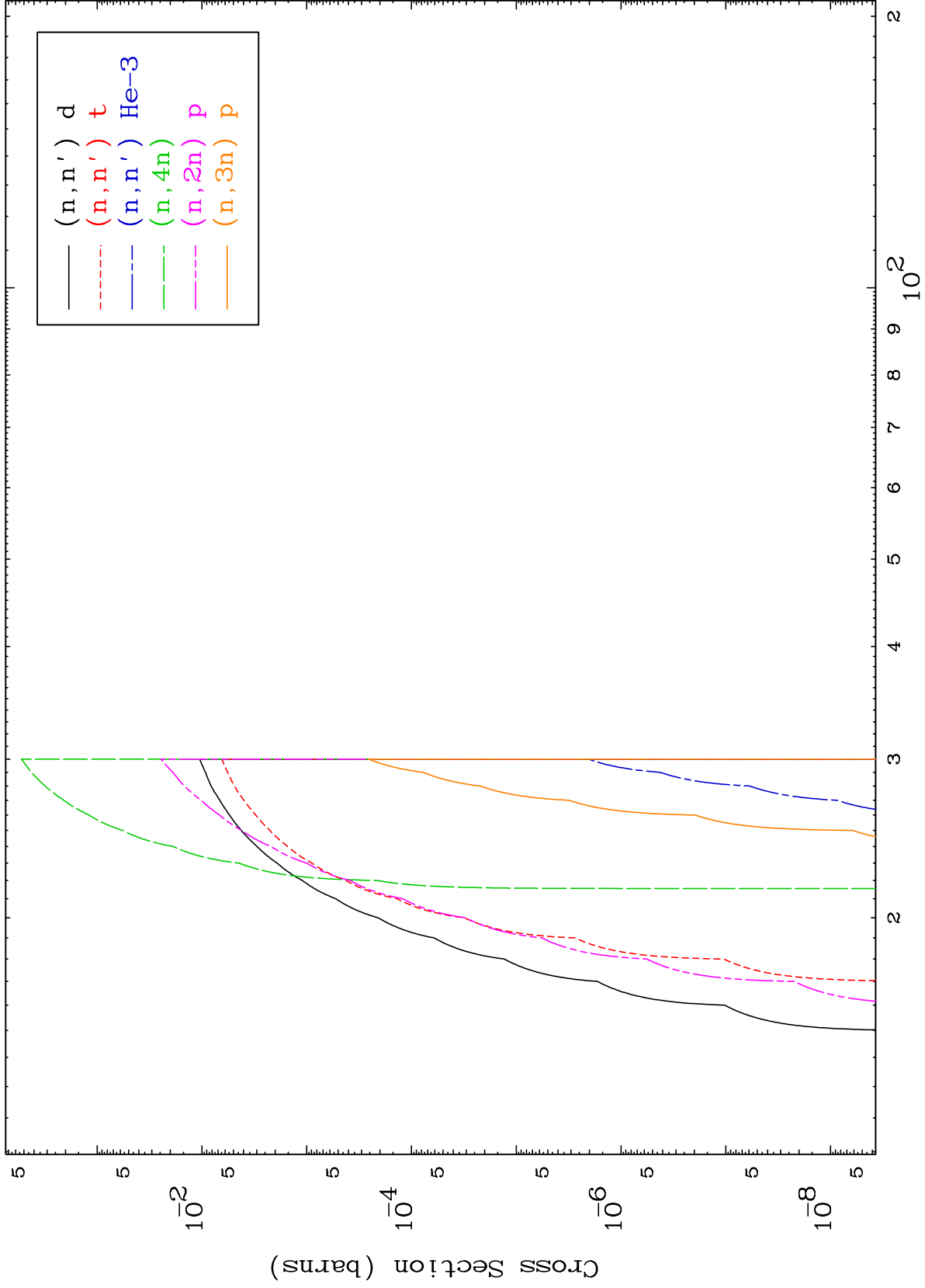
MAT 5140

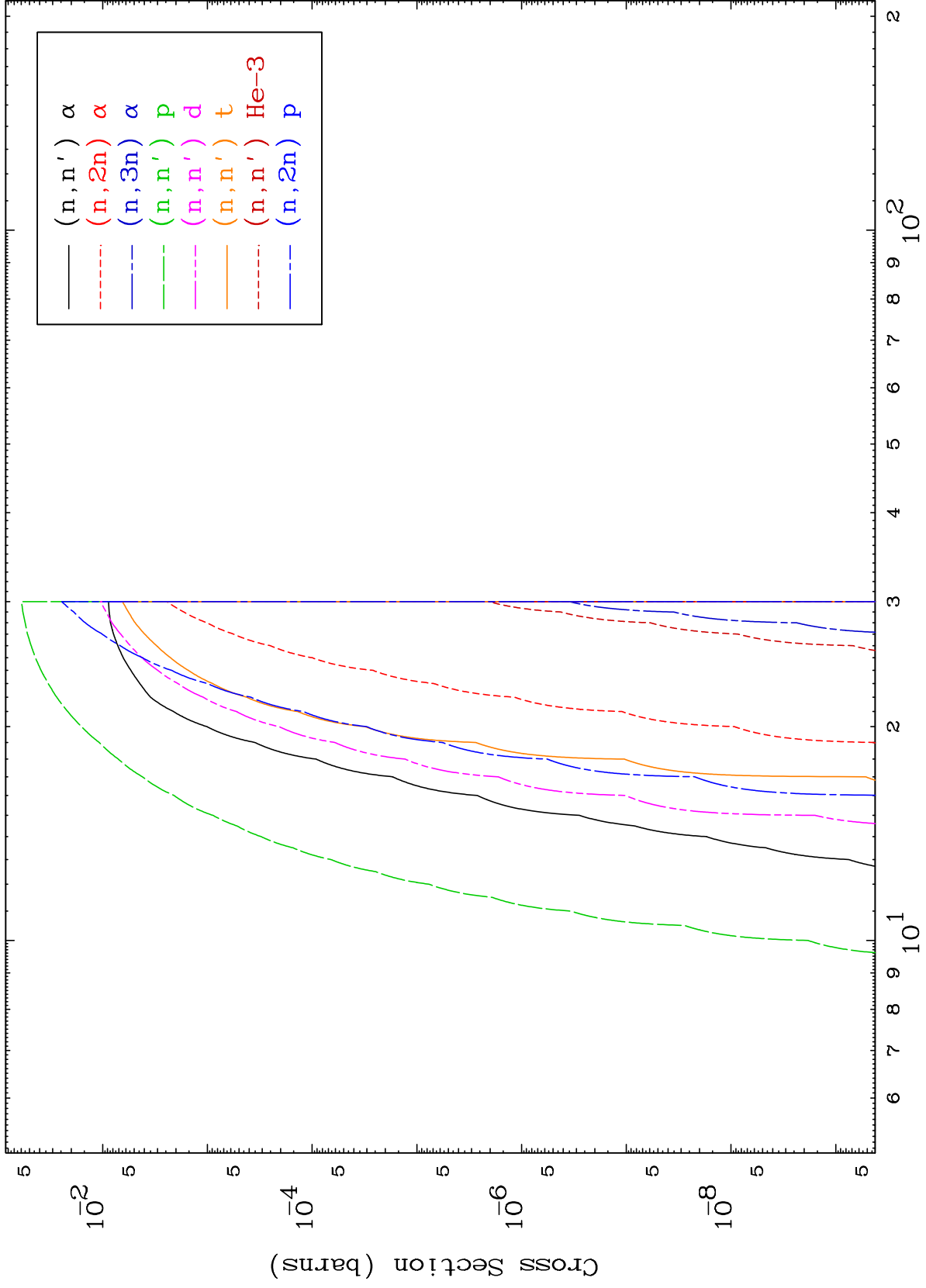
Major
293 Kelvin Cross Sections

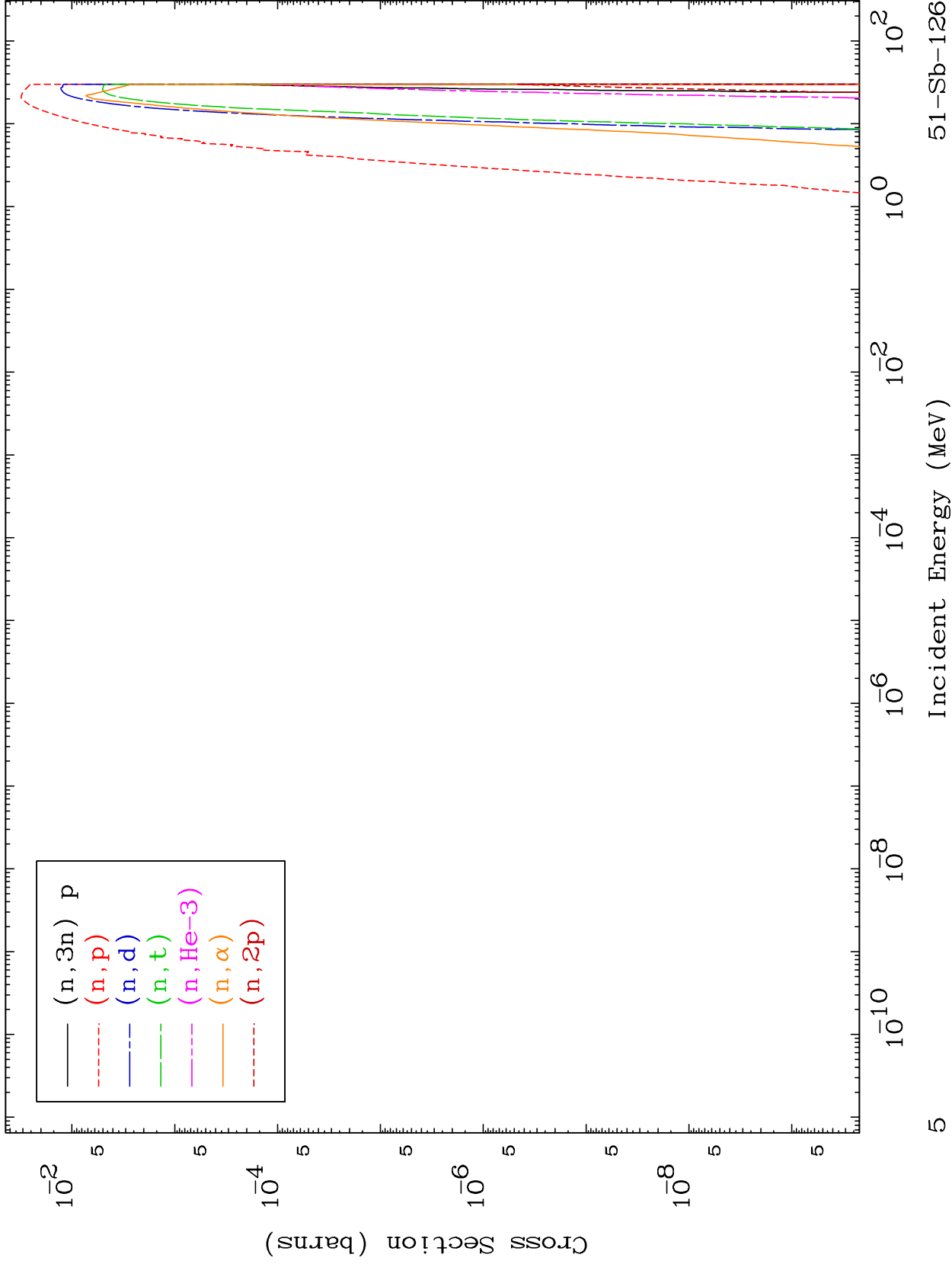
51-Sb-126







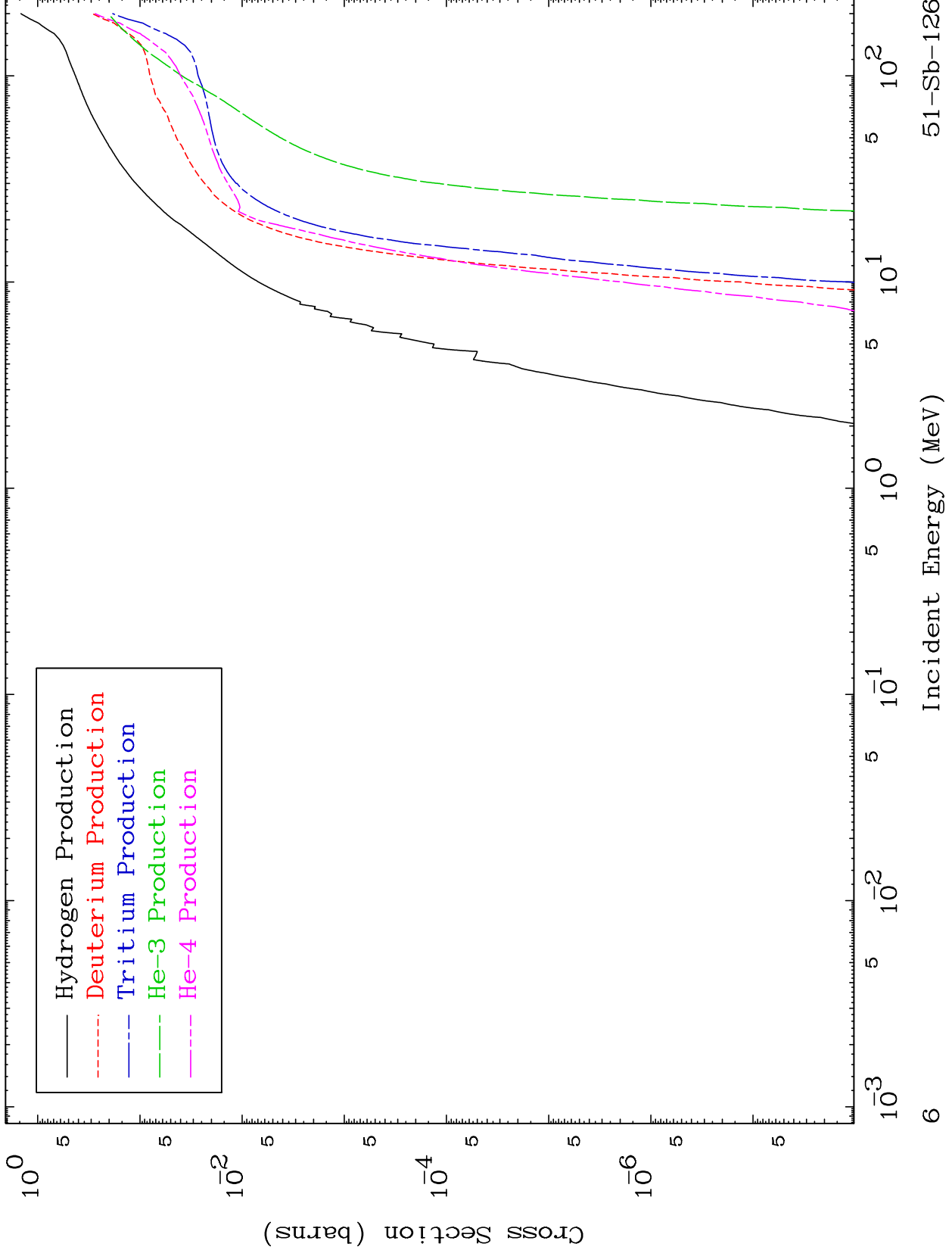




MAT 5140

Particle Production
293 Kelvin Cross Sections

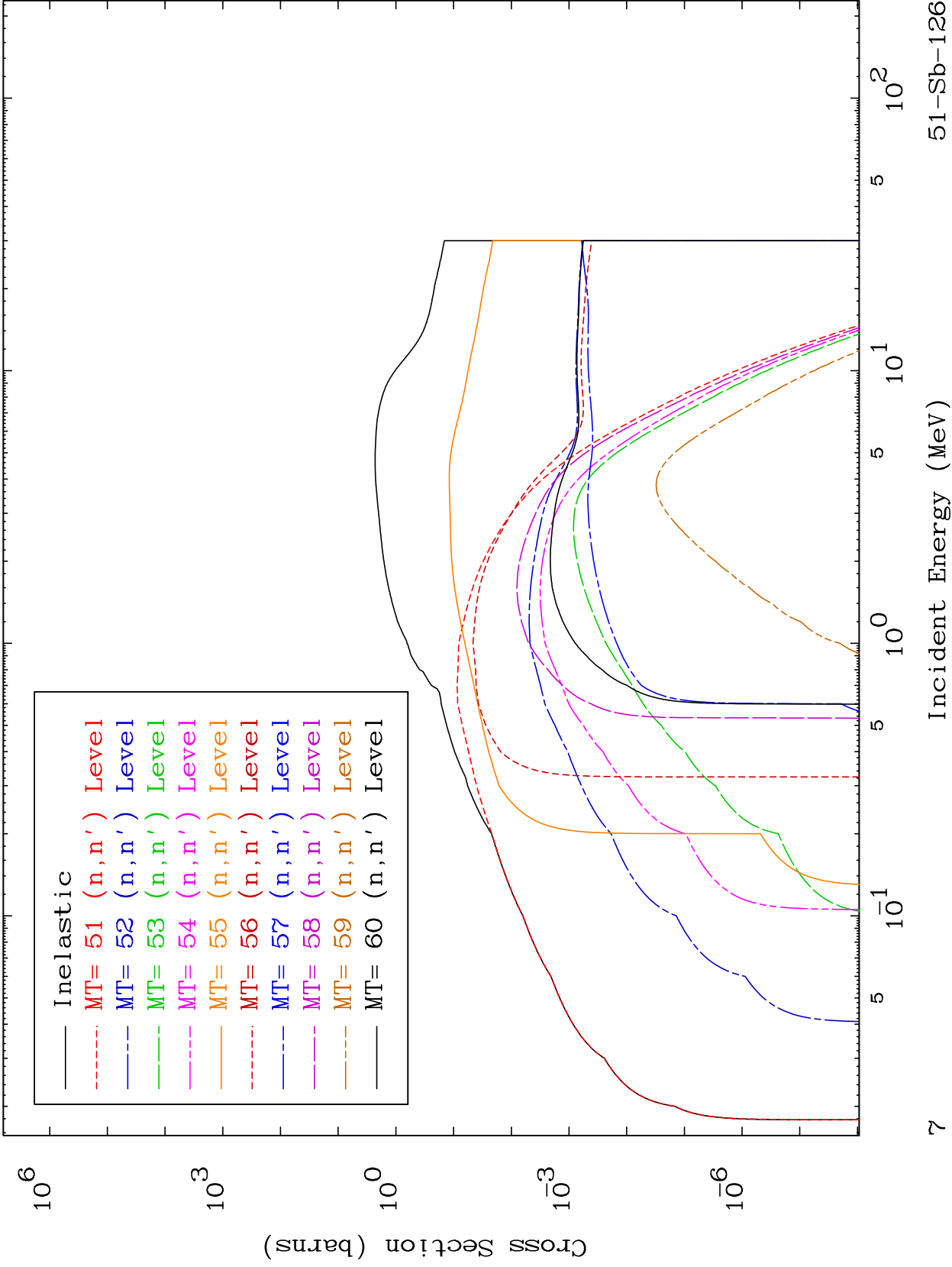
51-Sb-126



51-Sb-126

Incident Energy (MeV)

6

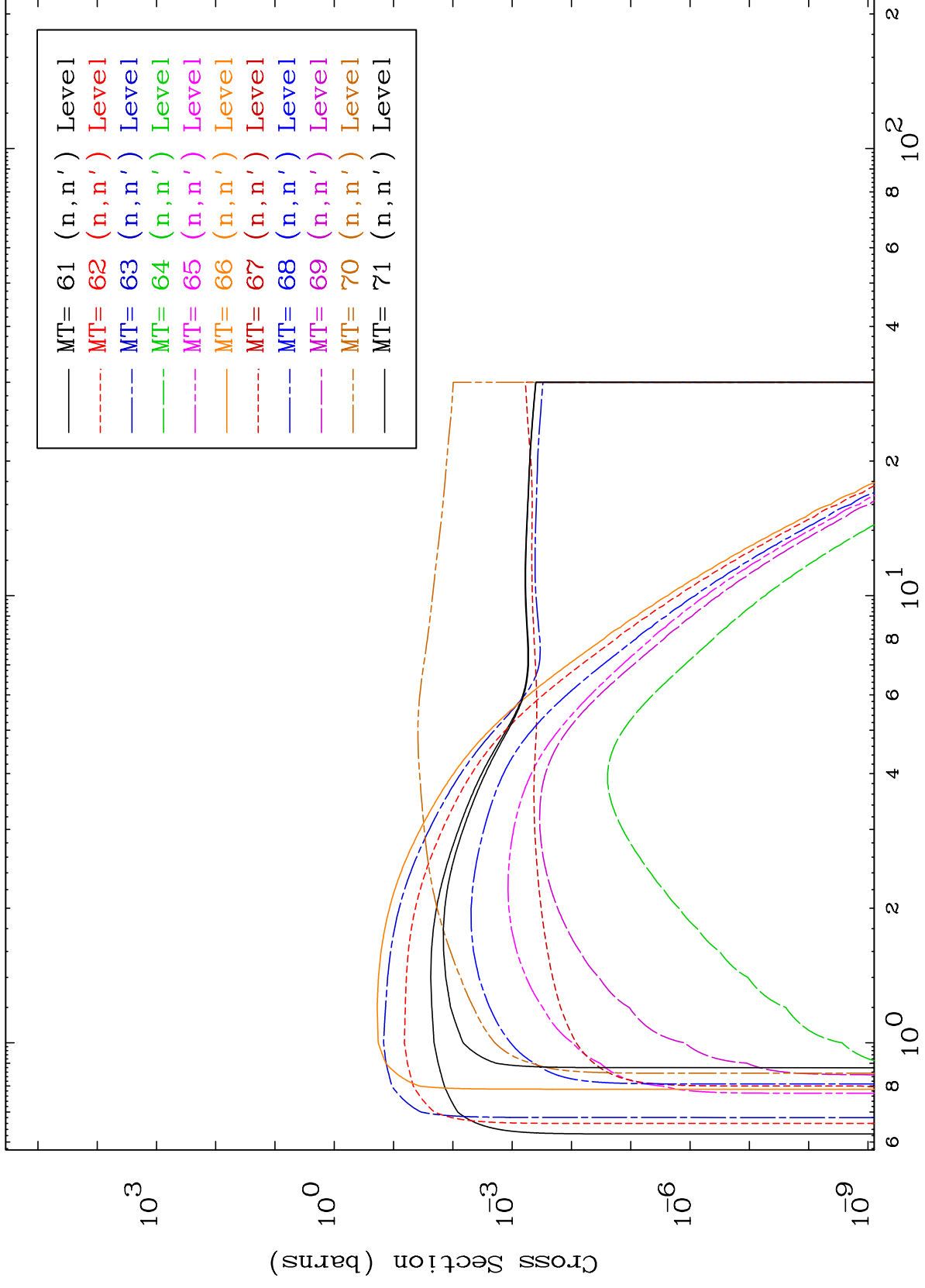


MAT 5140

(n,n') Level

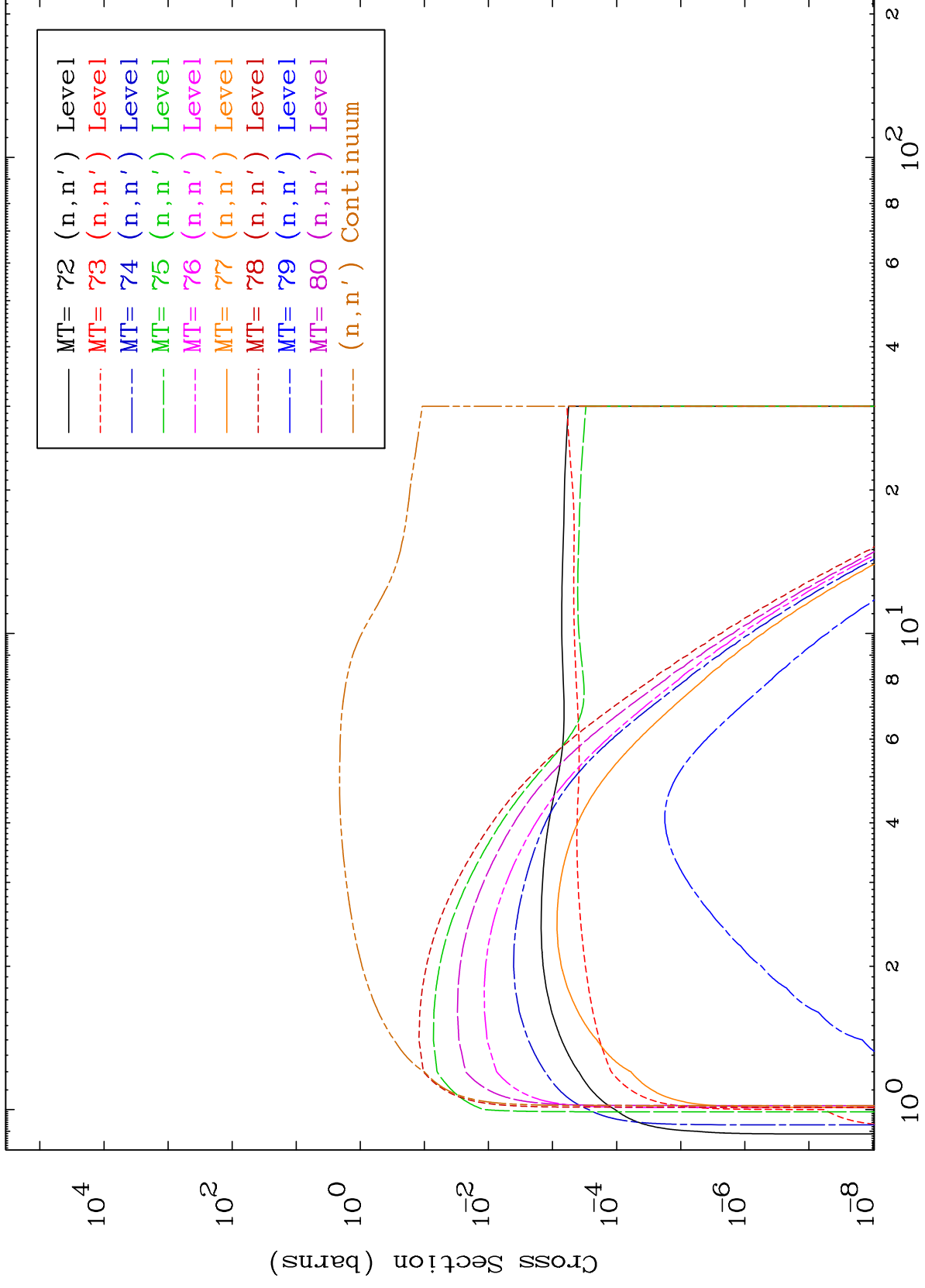
51-Sb-126

293 Kelvin Cross Sections



Incident Energy (MeV)

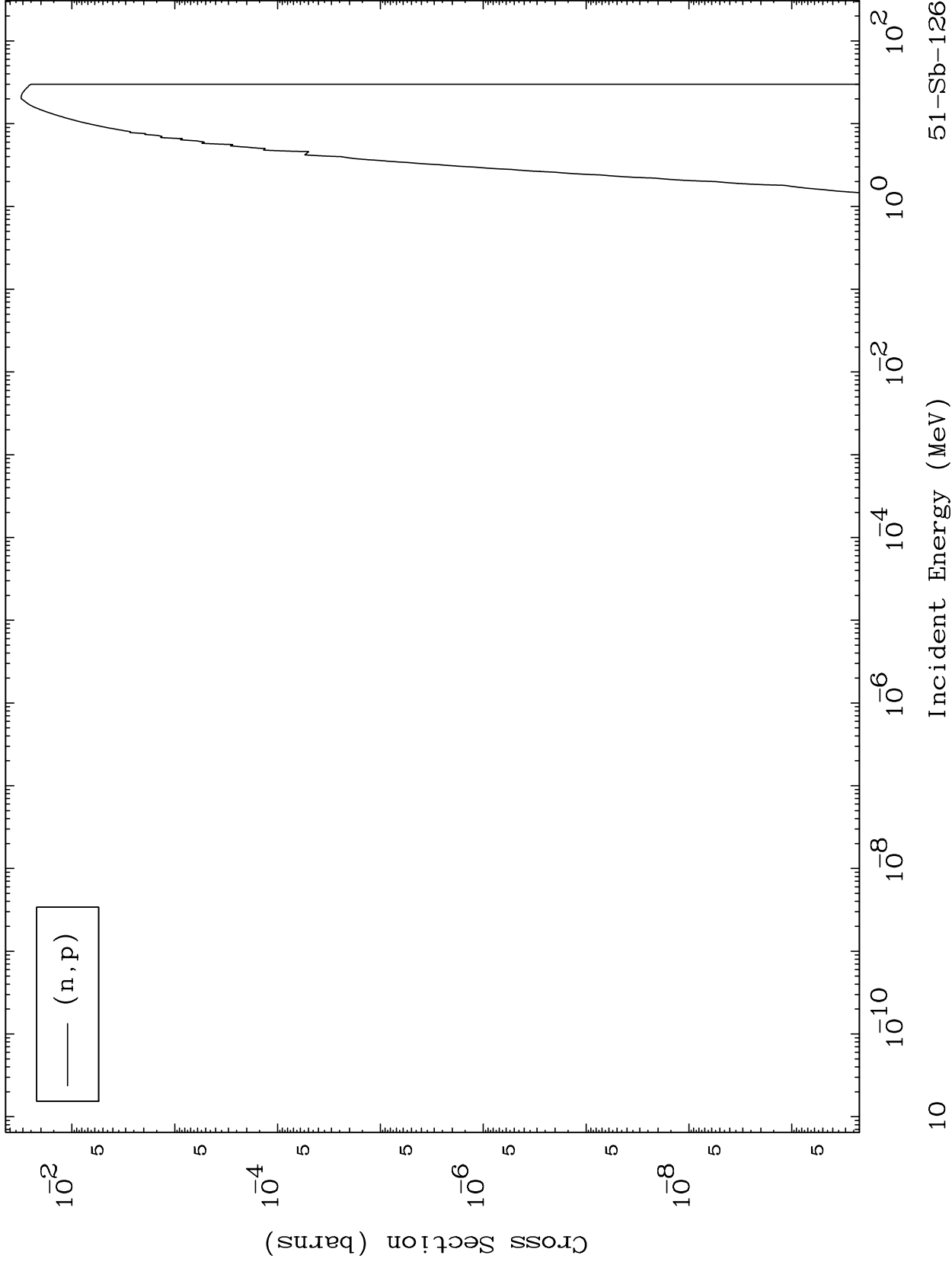
51-Sb-126



MAT 5140

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-126



10

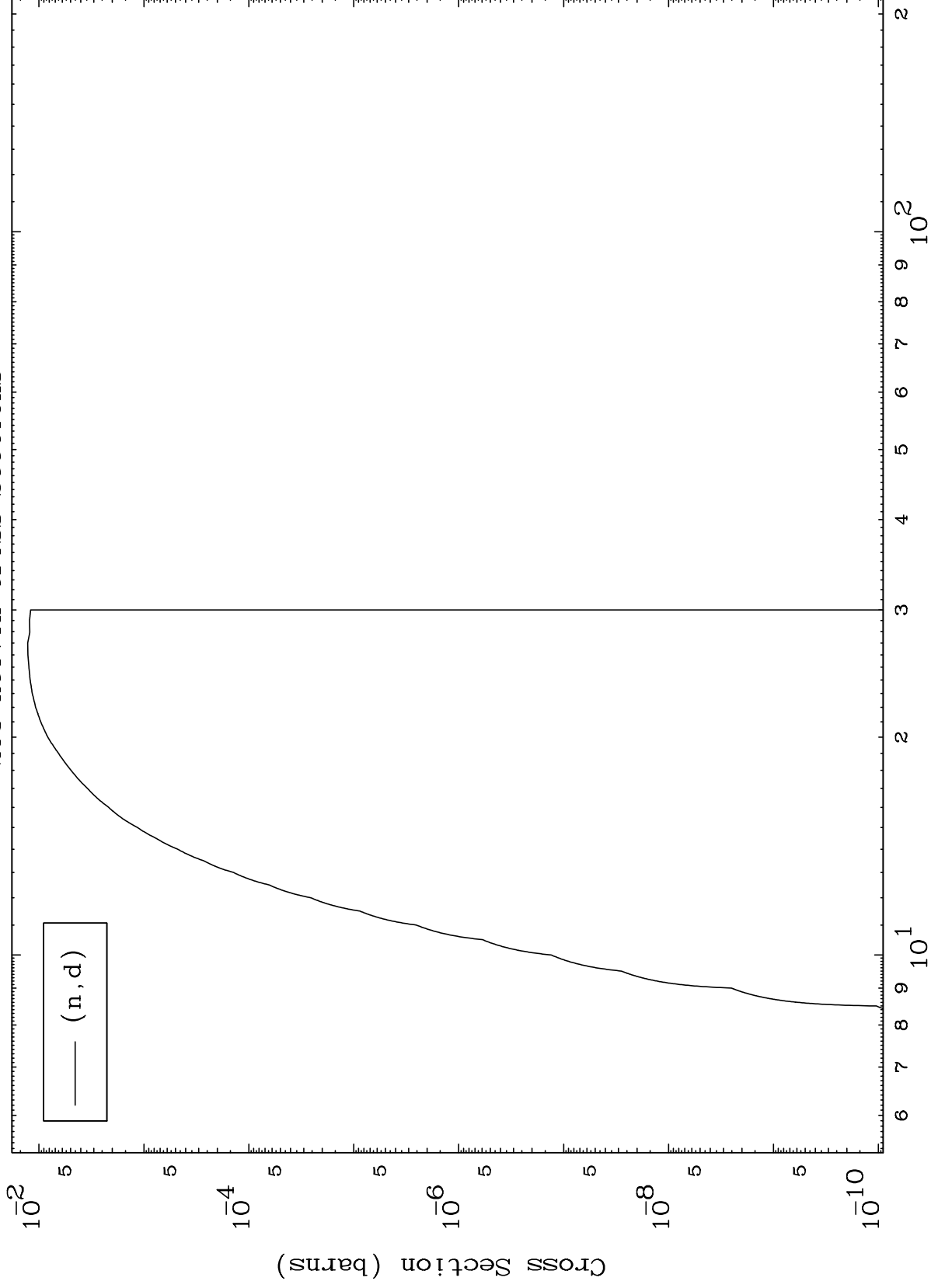
Incident Energy (MeV)

51-Sb-126

MAT 5140

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-126



11

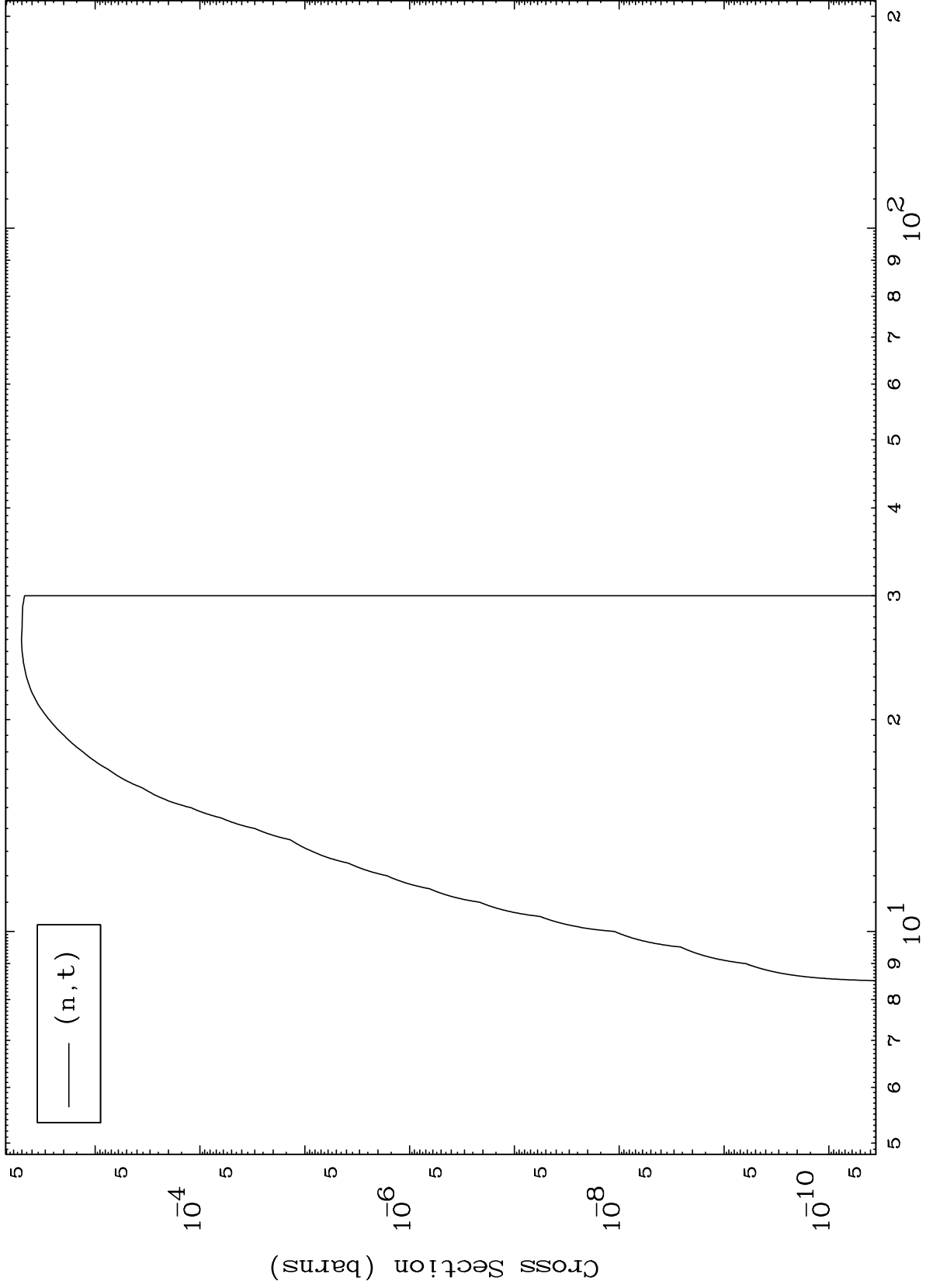
Incident Energy (MeV)

51-Sb-126

MAT 5140

(n,t) Levels
293 Kelvin Cross Sections

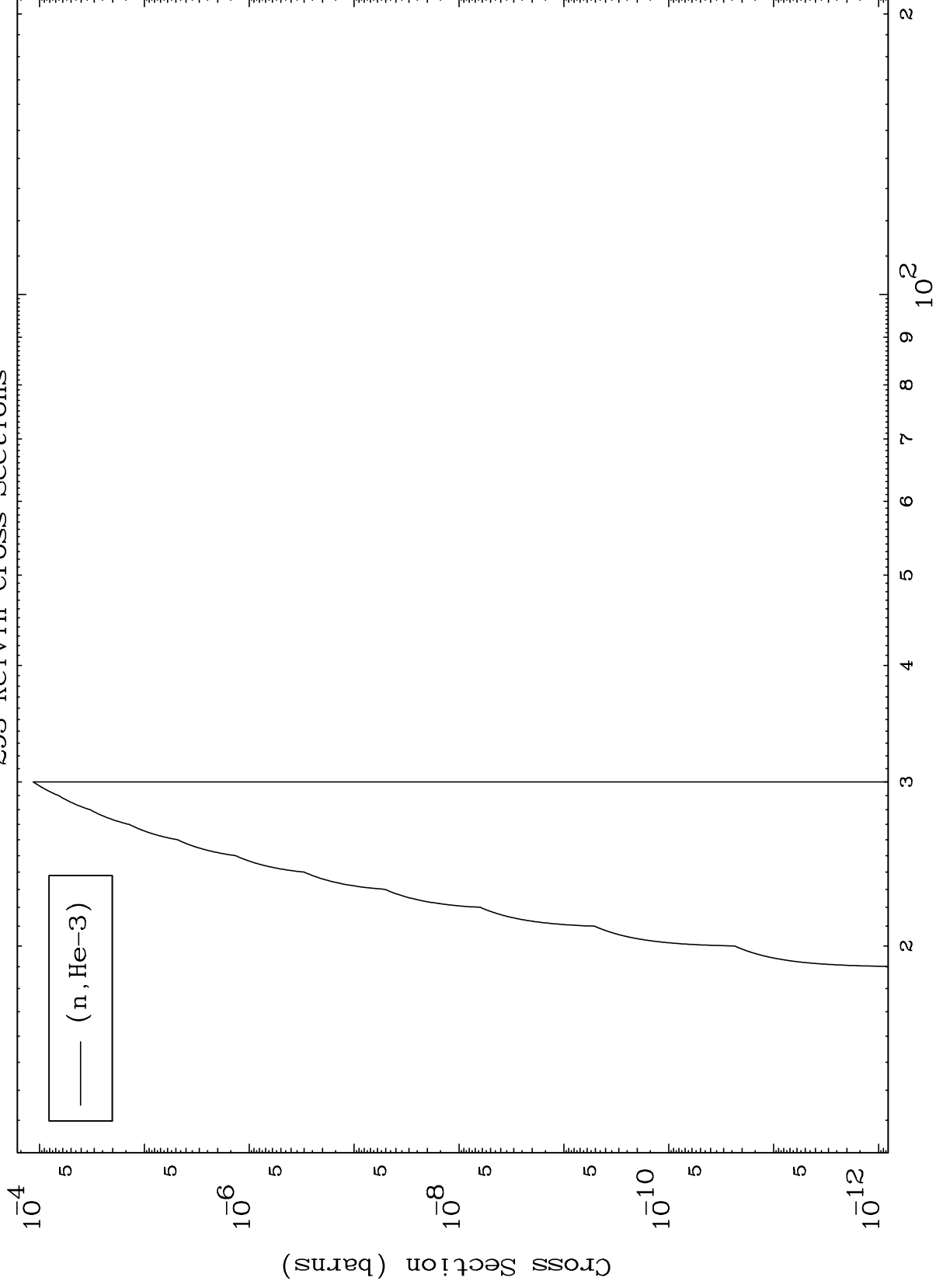
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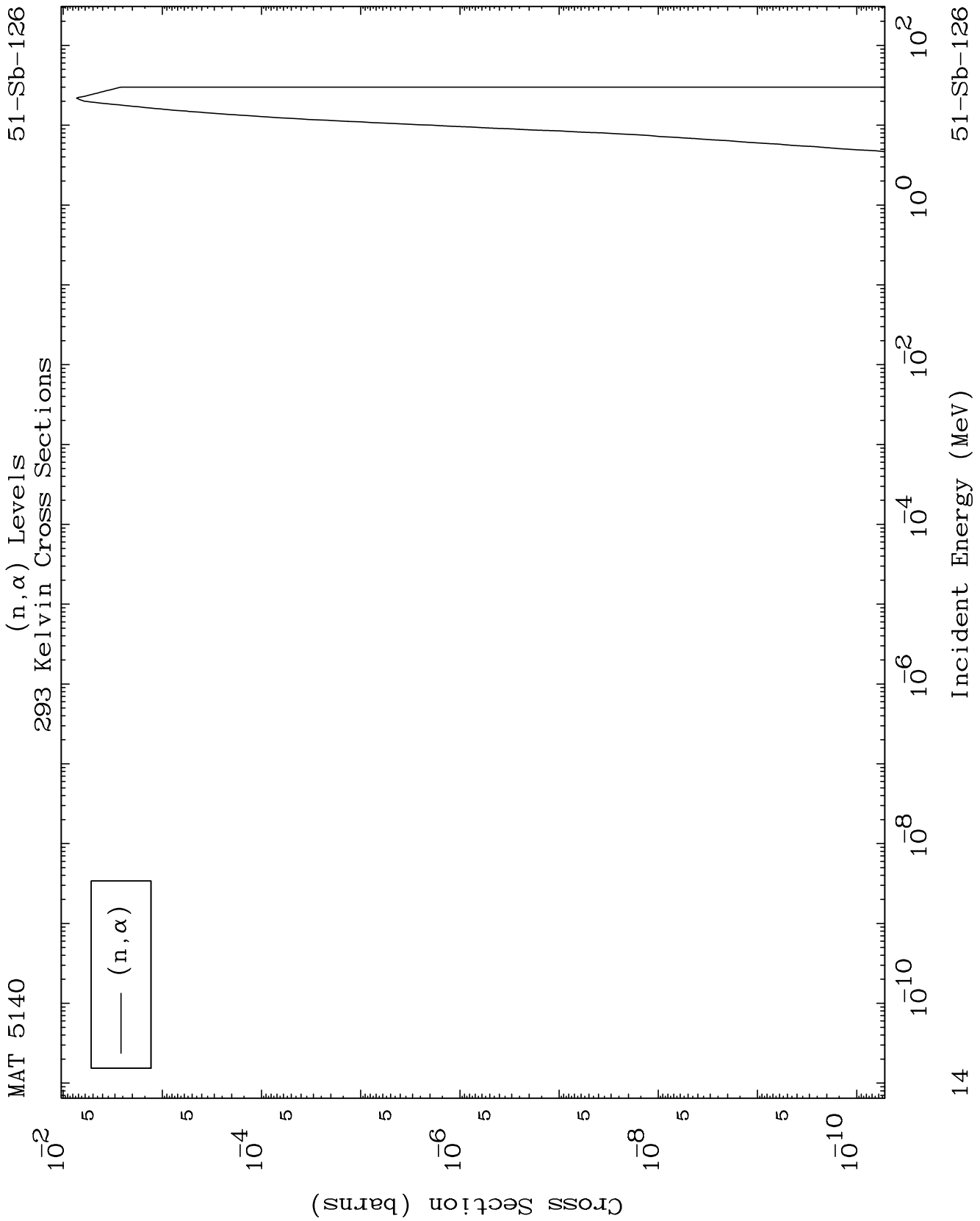


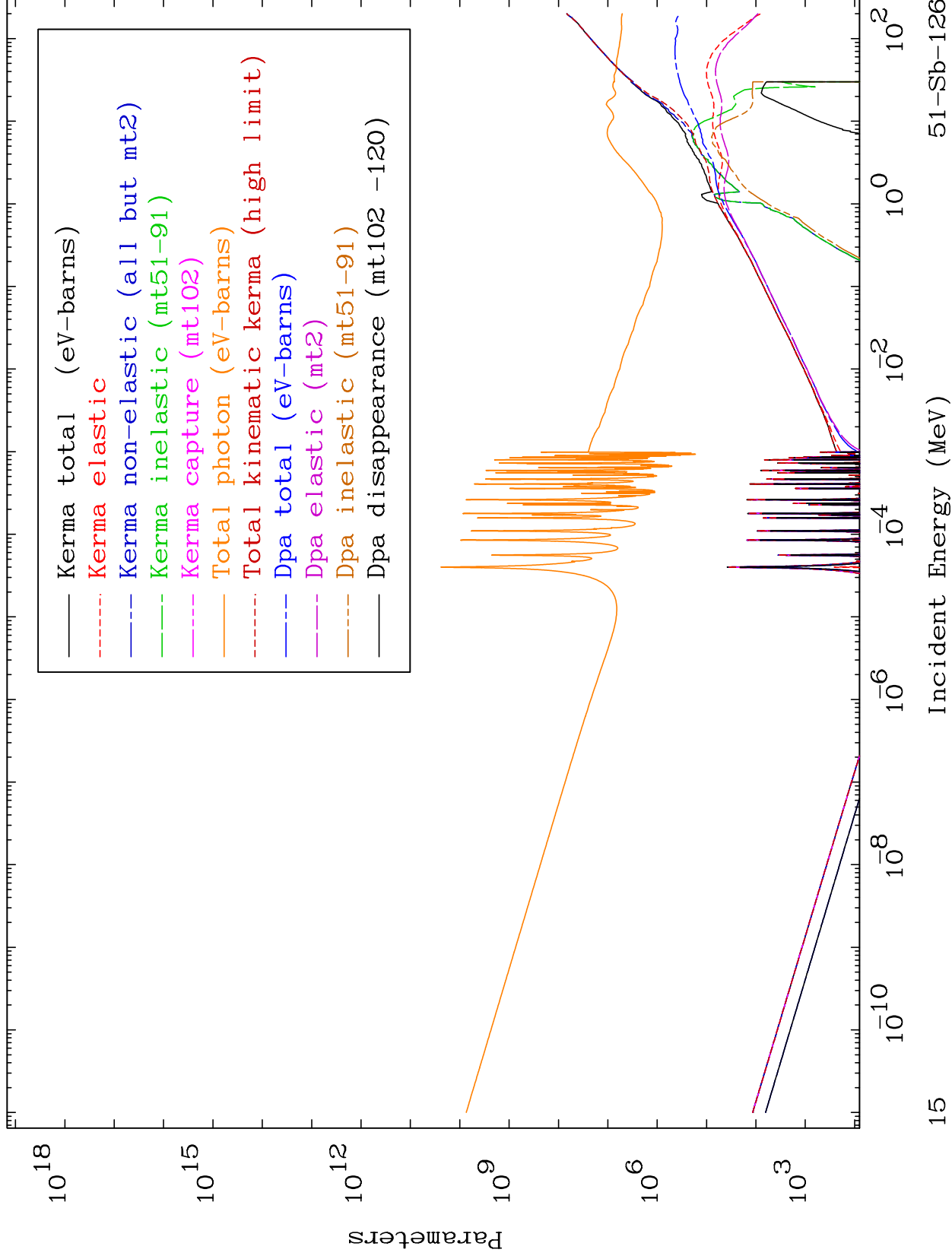
12

Incident Energy (MeV)

51-Sb-126



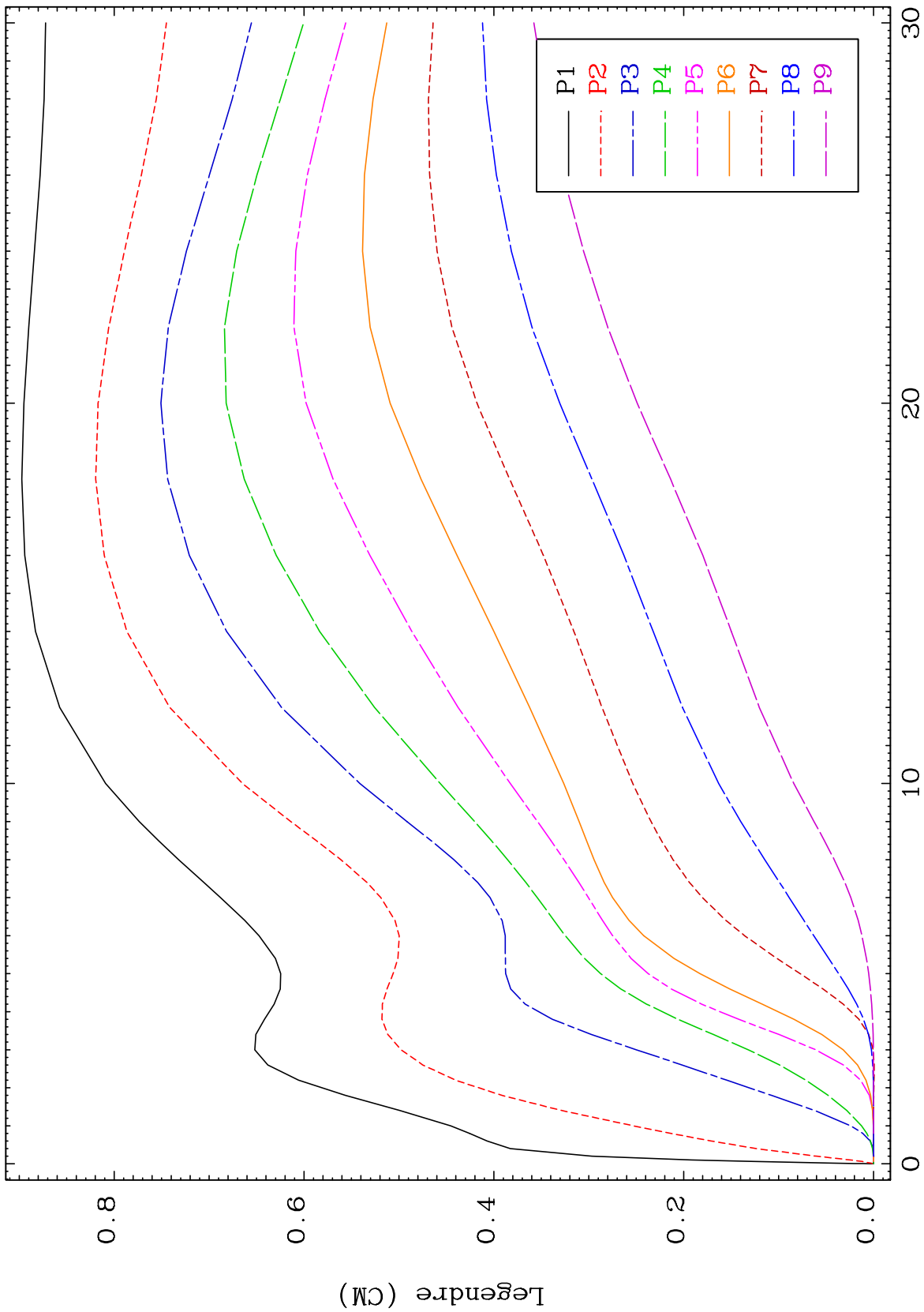




MAT 5140

51-Sb-126

Elastic Legendre Coefficients

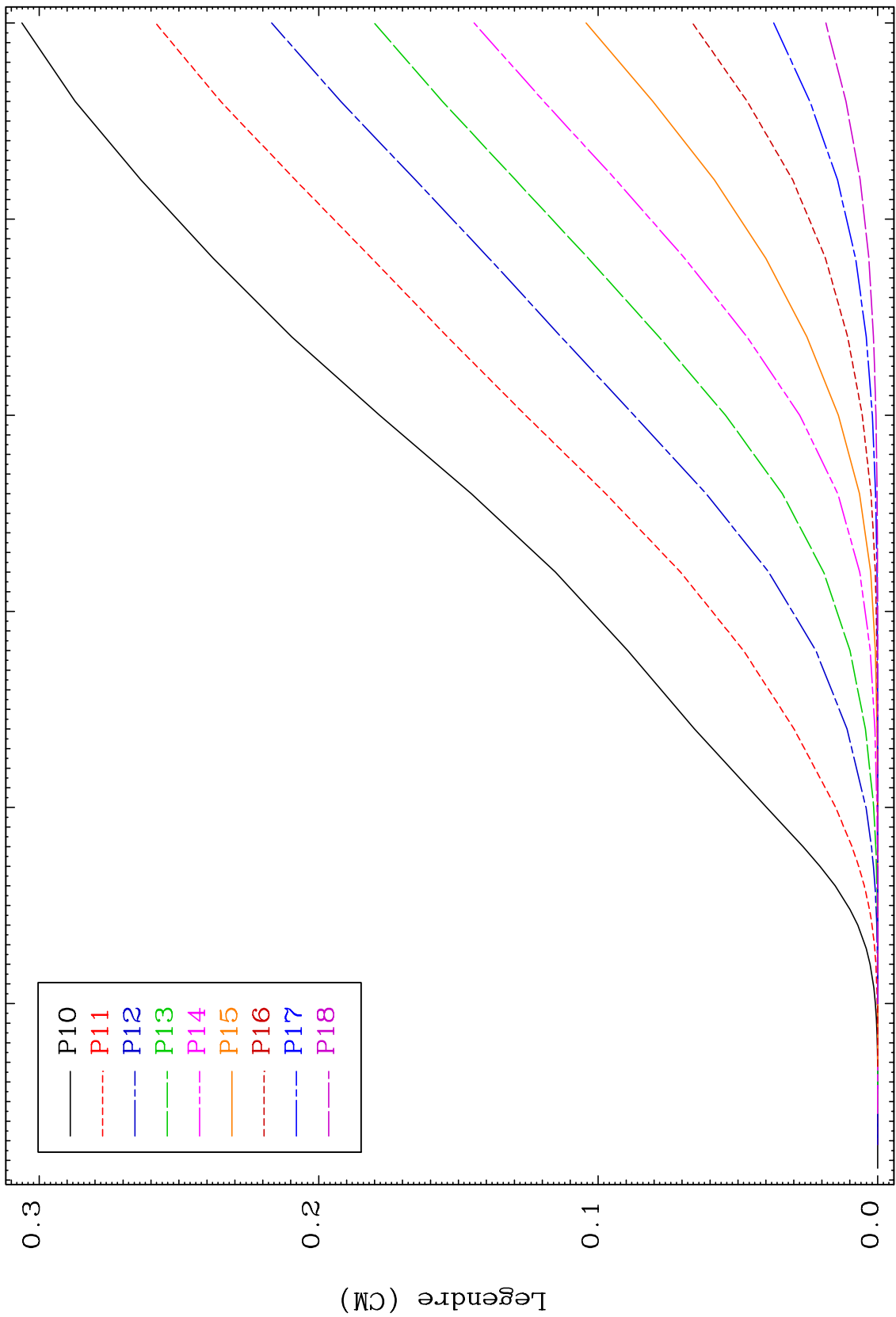


16

Incident Energy (MeV)

51-Sb-126

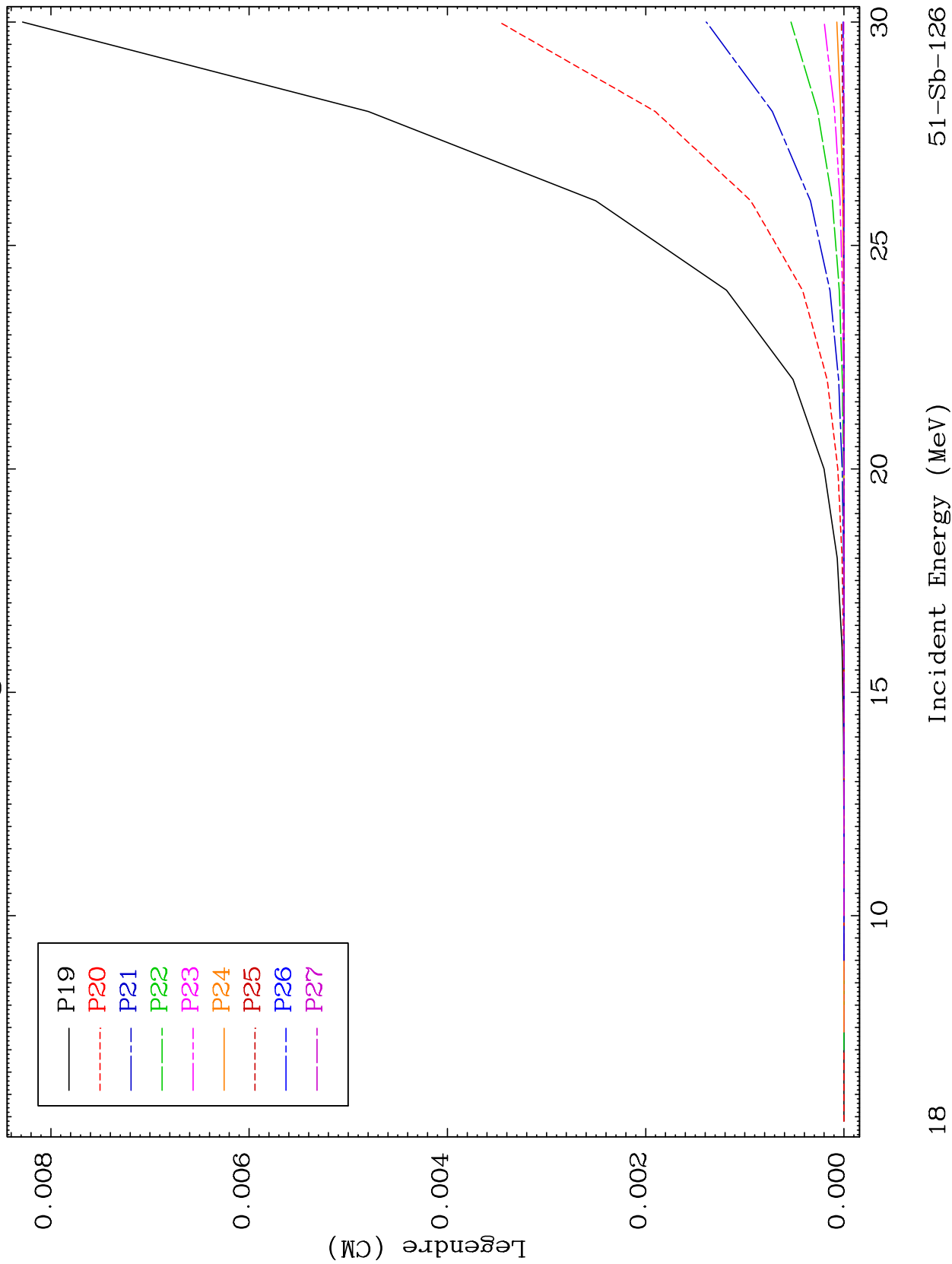
Elastic Legendre Coefficients



MAT 5140

Elastic Legendre Coefficients

51-Sb-126



18

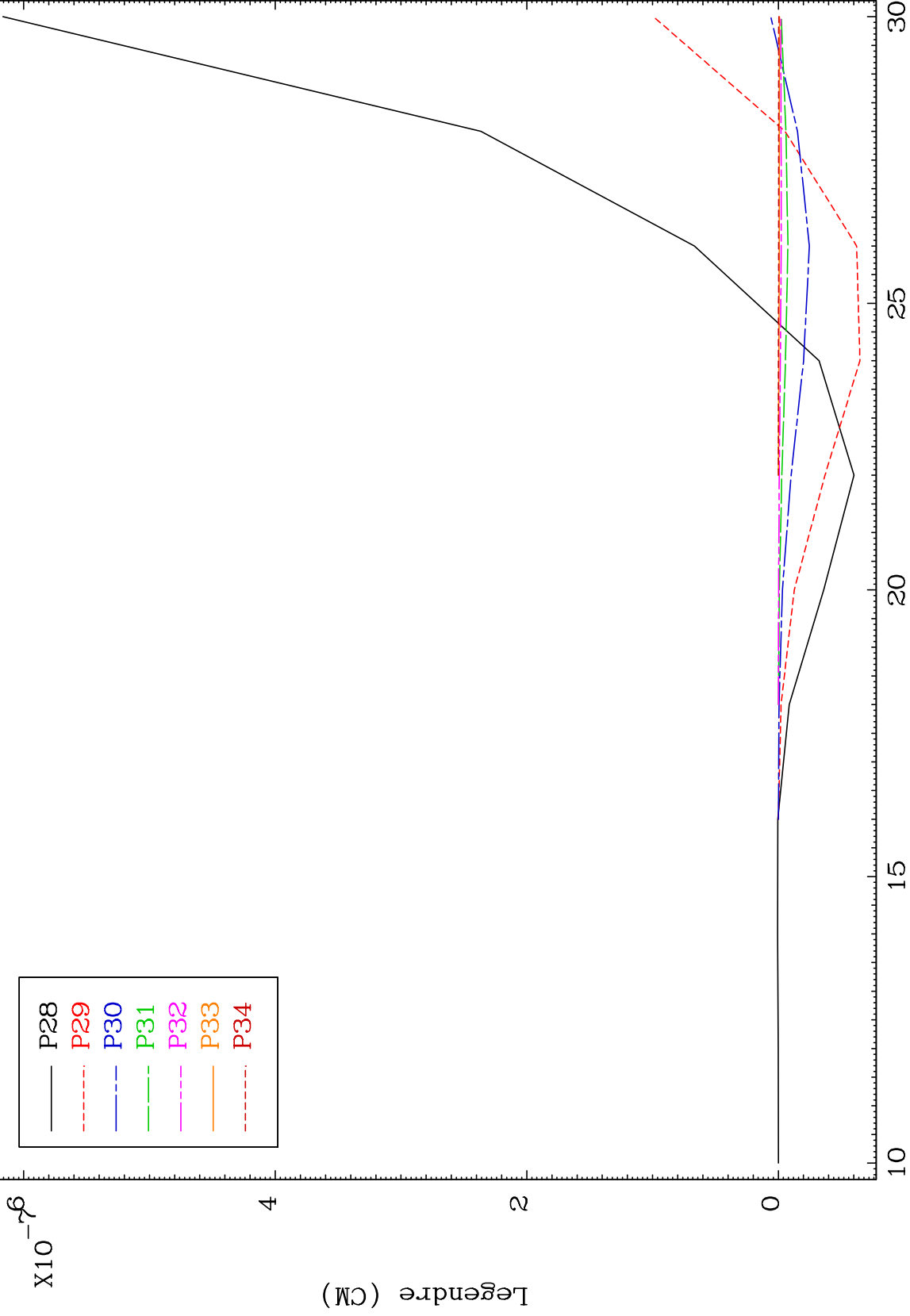
Incident Energy (MeV)

51-Sb-126

MAT 5140

Elastic Legendre Coefficients

51-Sb-126



19

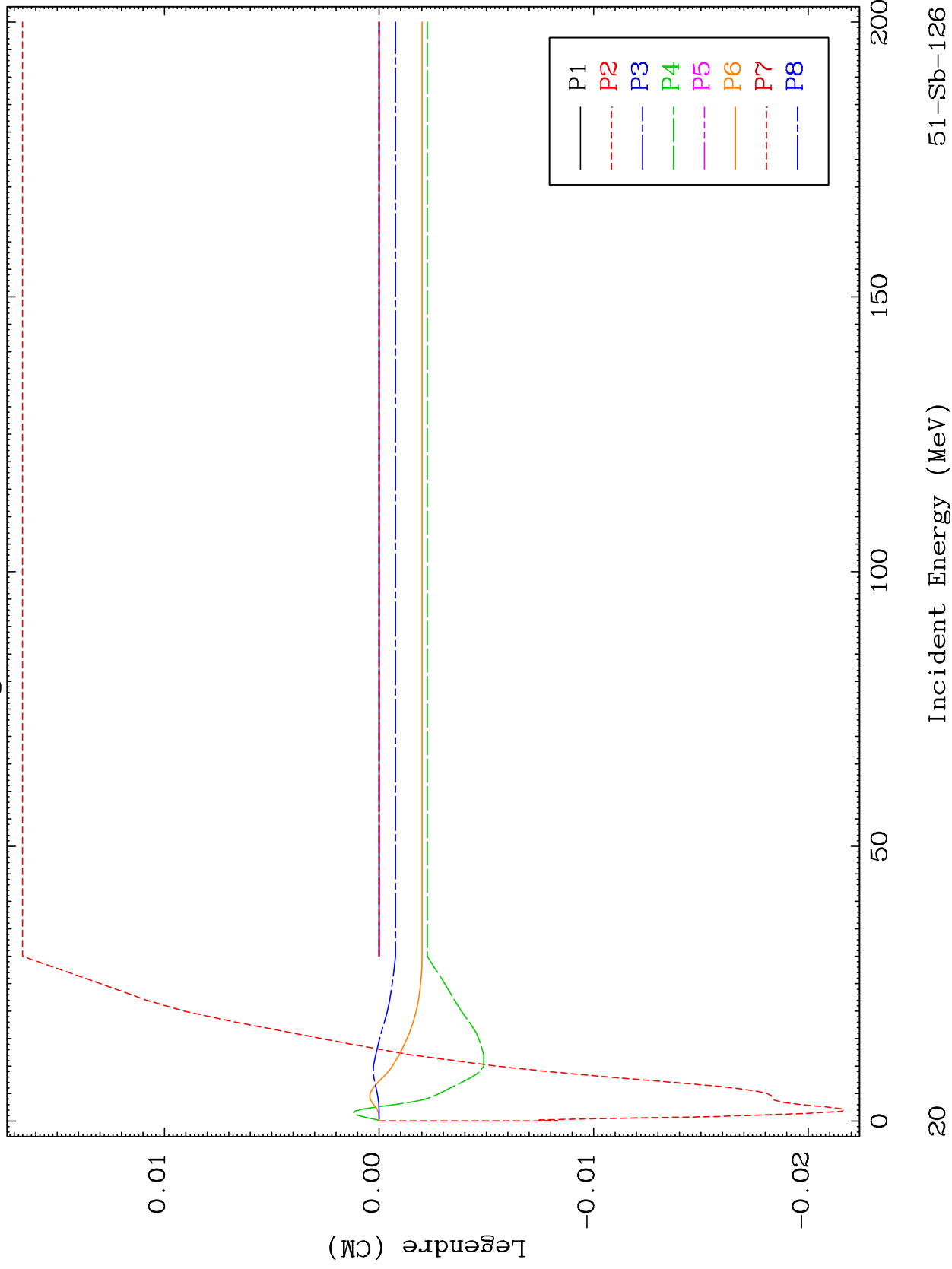
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

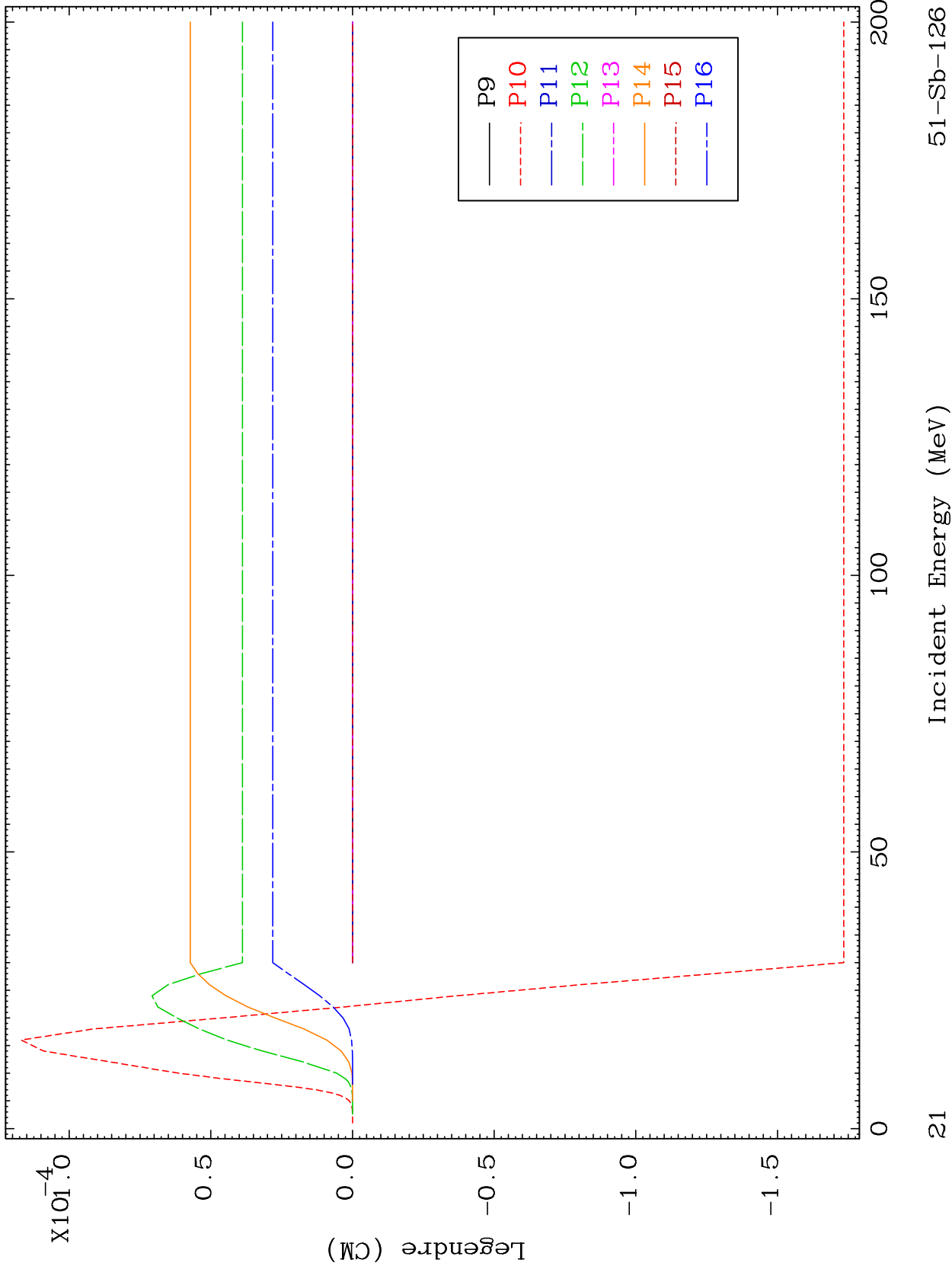
51-Sb-126



MAT 5140

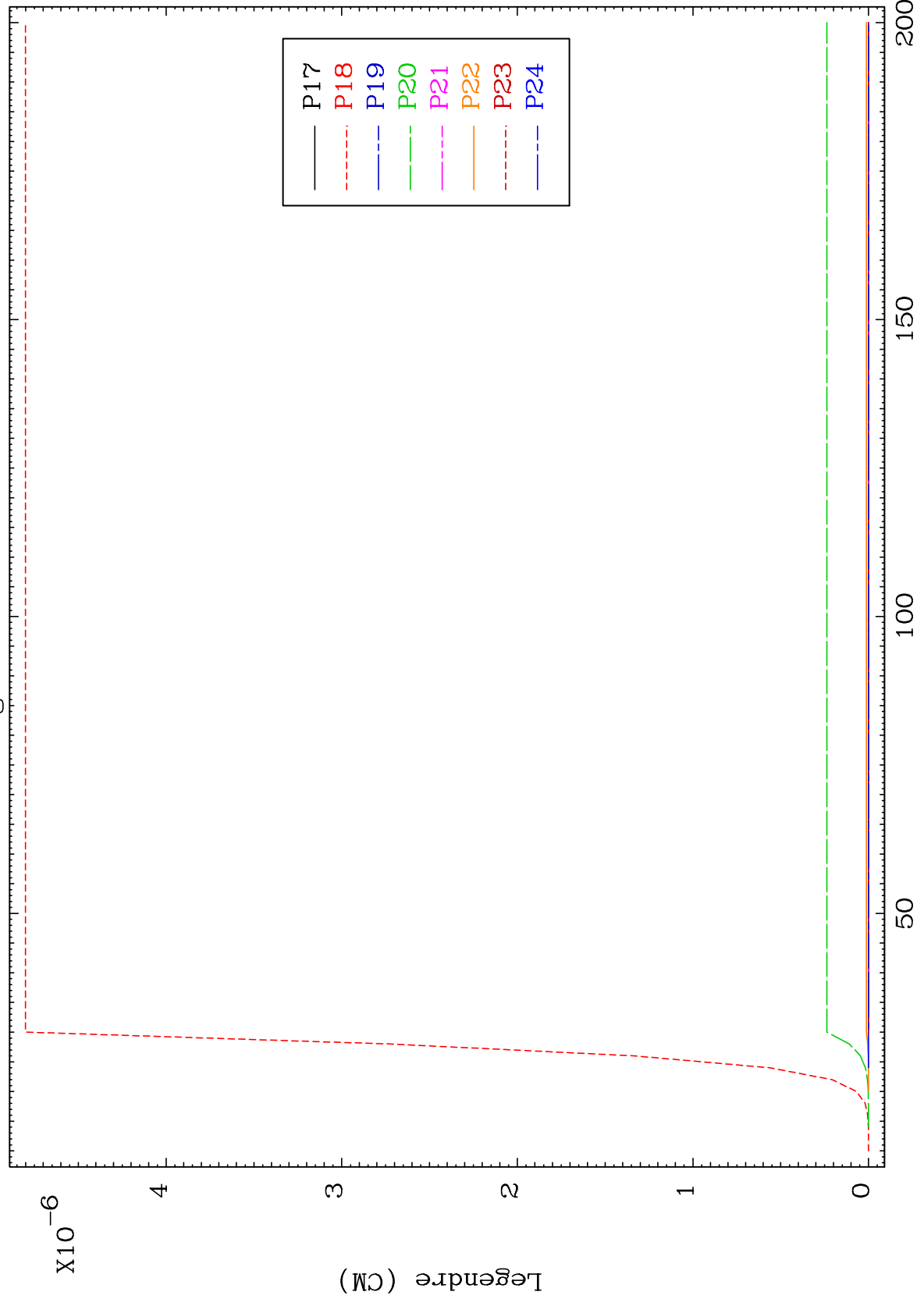
MT= 51 (n,n') Level
Legendre Coefficients

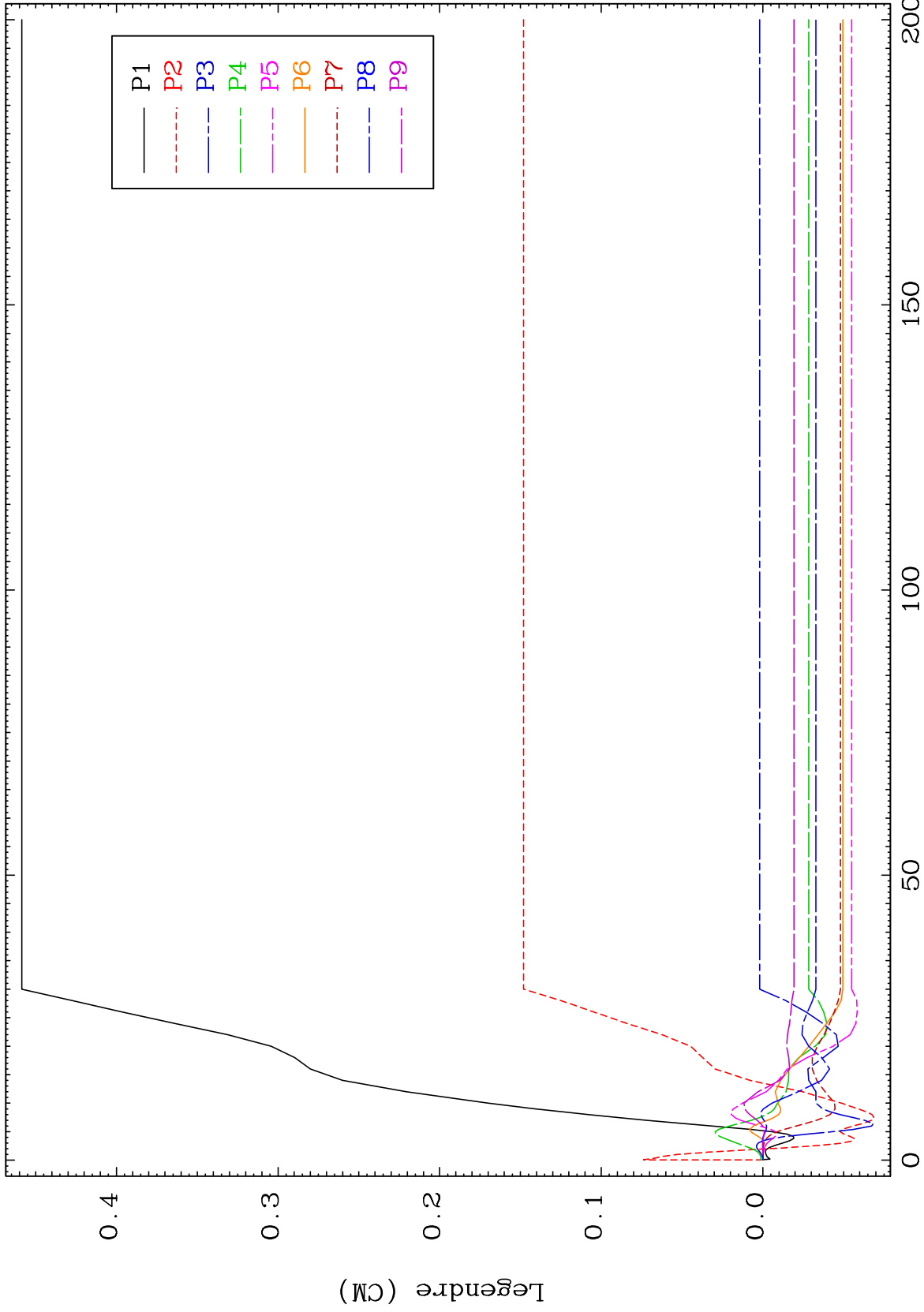
51-Sb-126



21

51-Sb-126

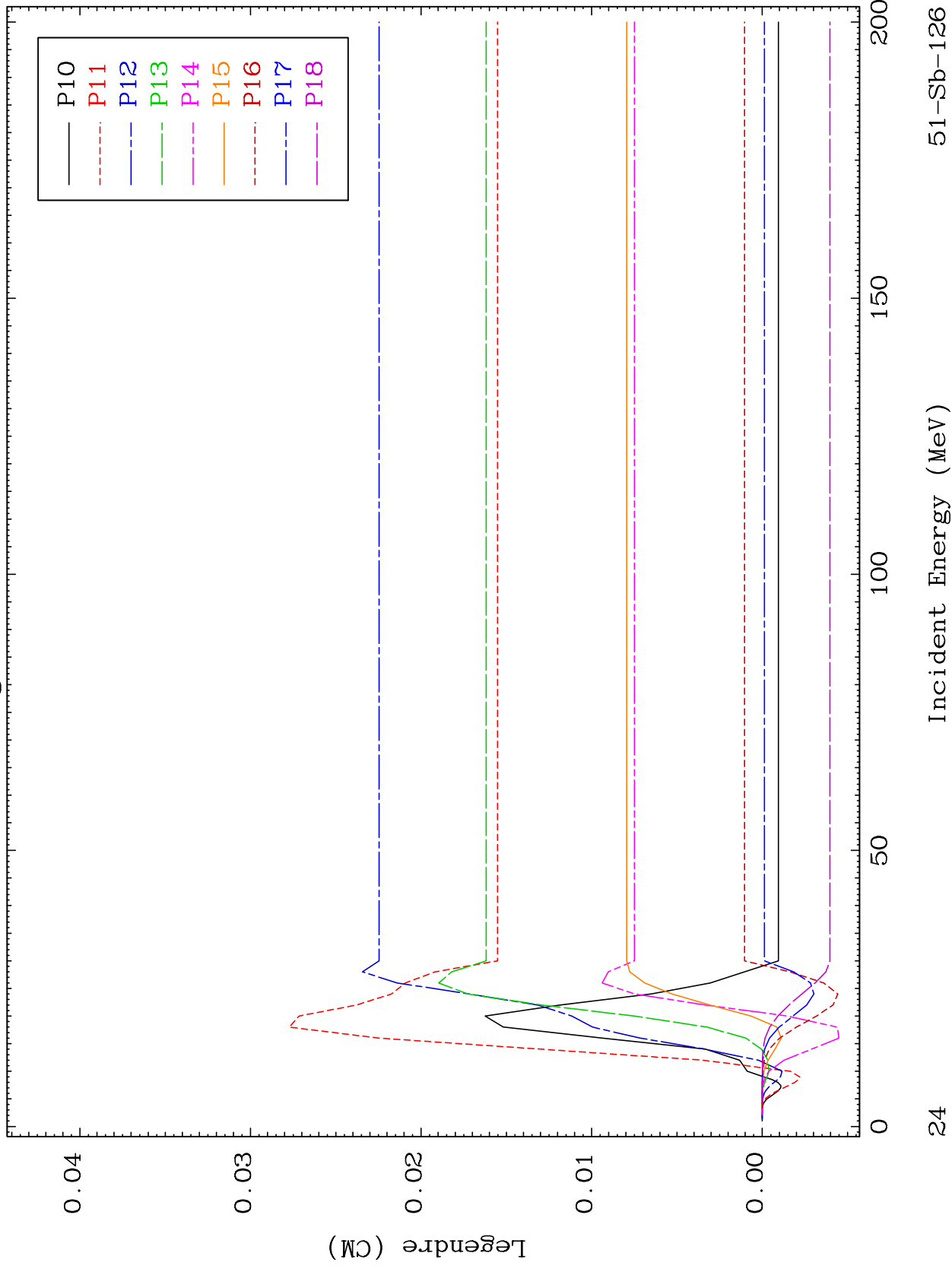




MAT 5140

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

51-Sb-126



51-Sb-126

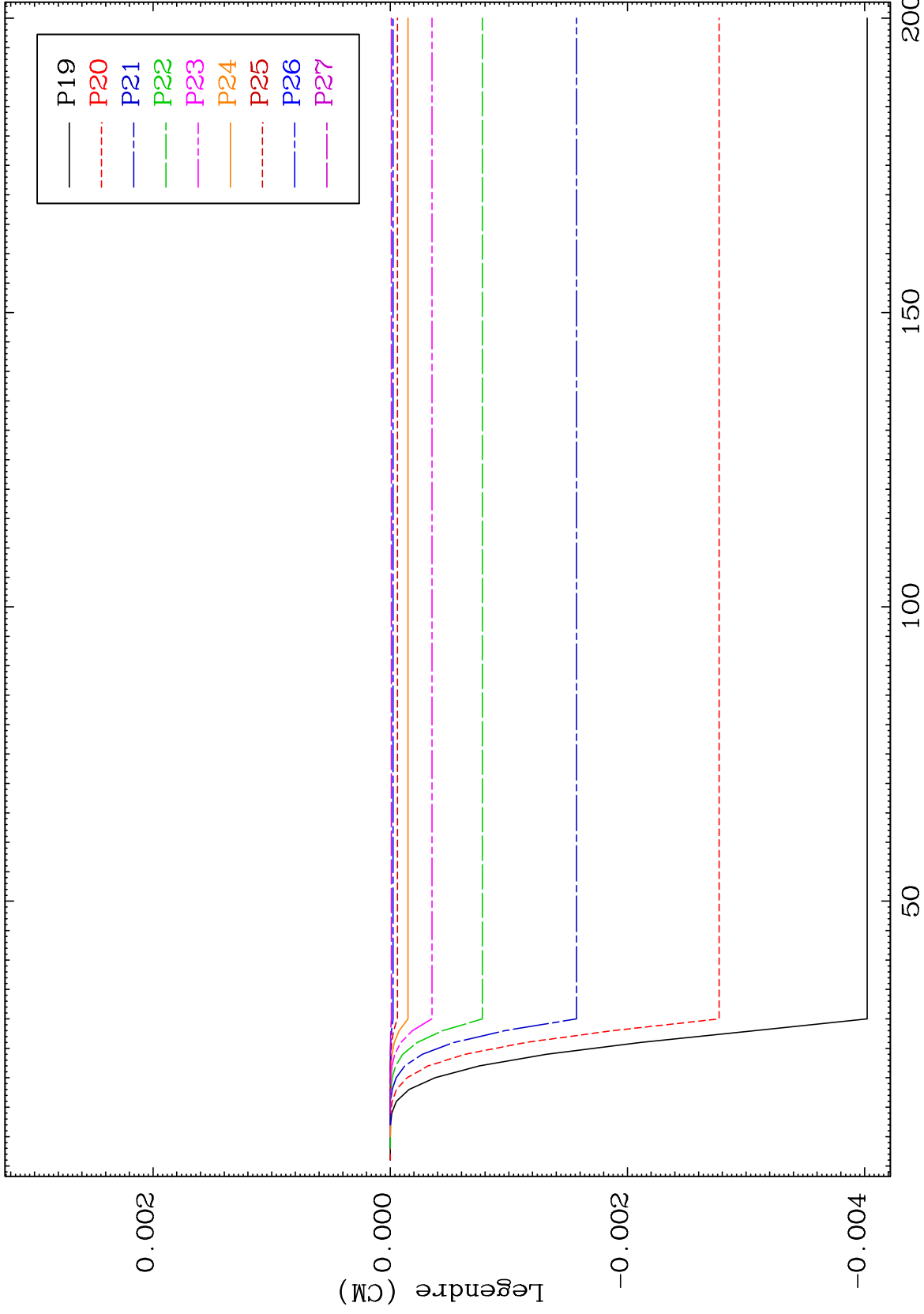
Incident Energy (MeV)

24

MAT 5140

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

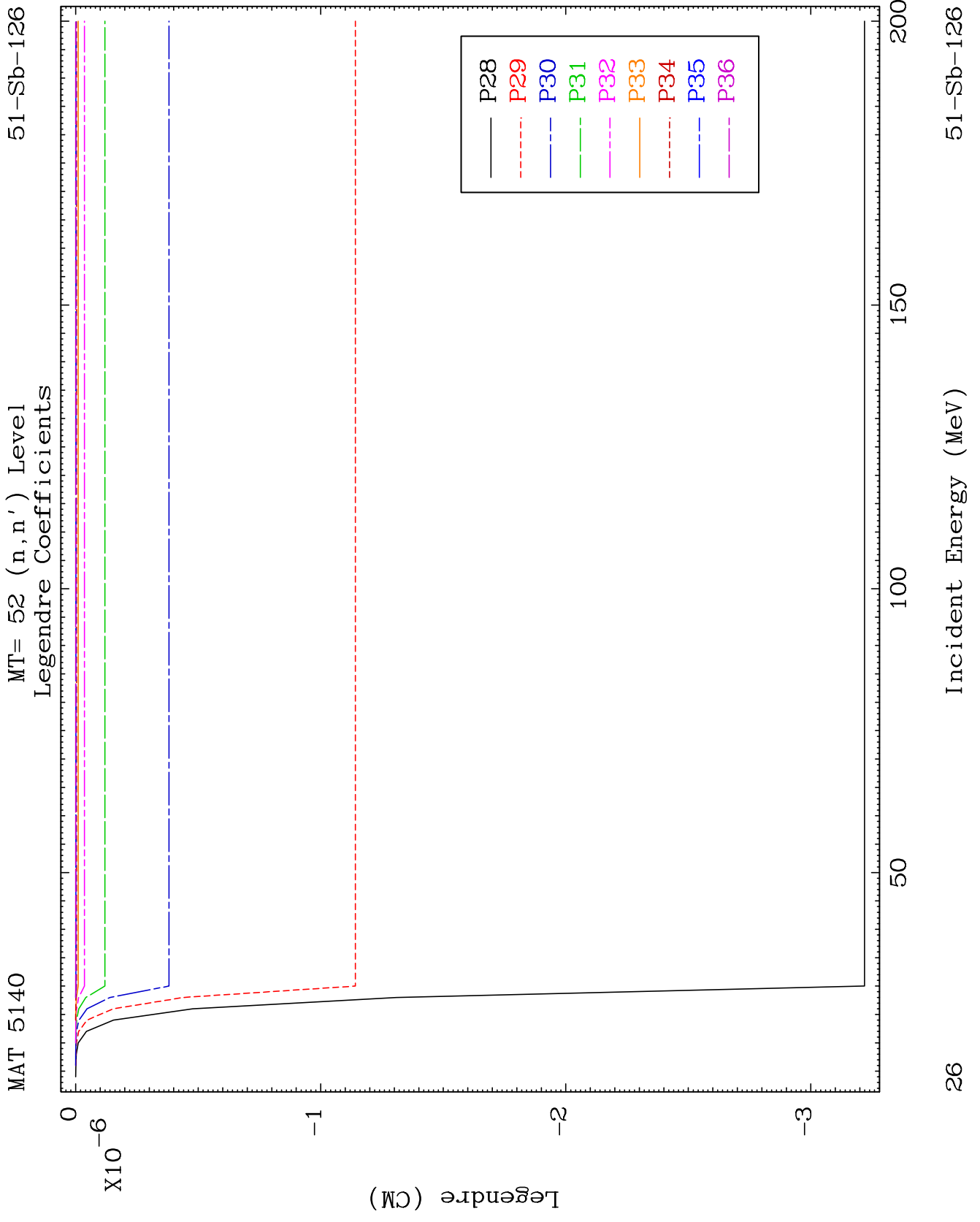
51-Sb-126

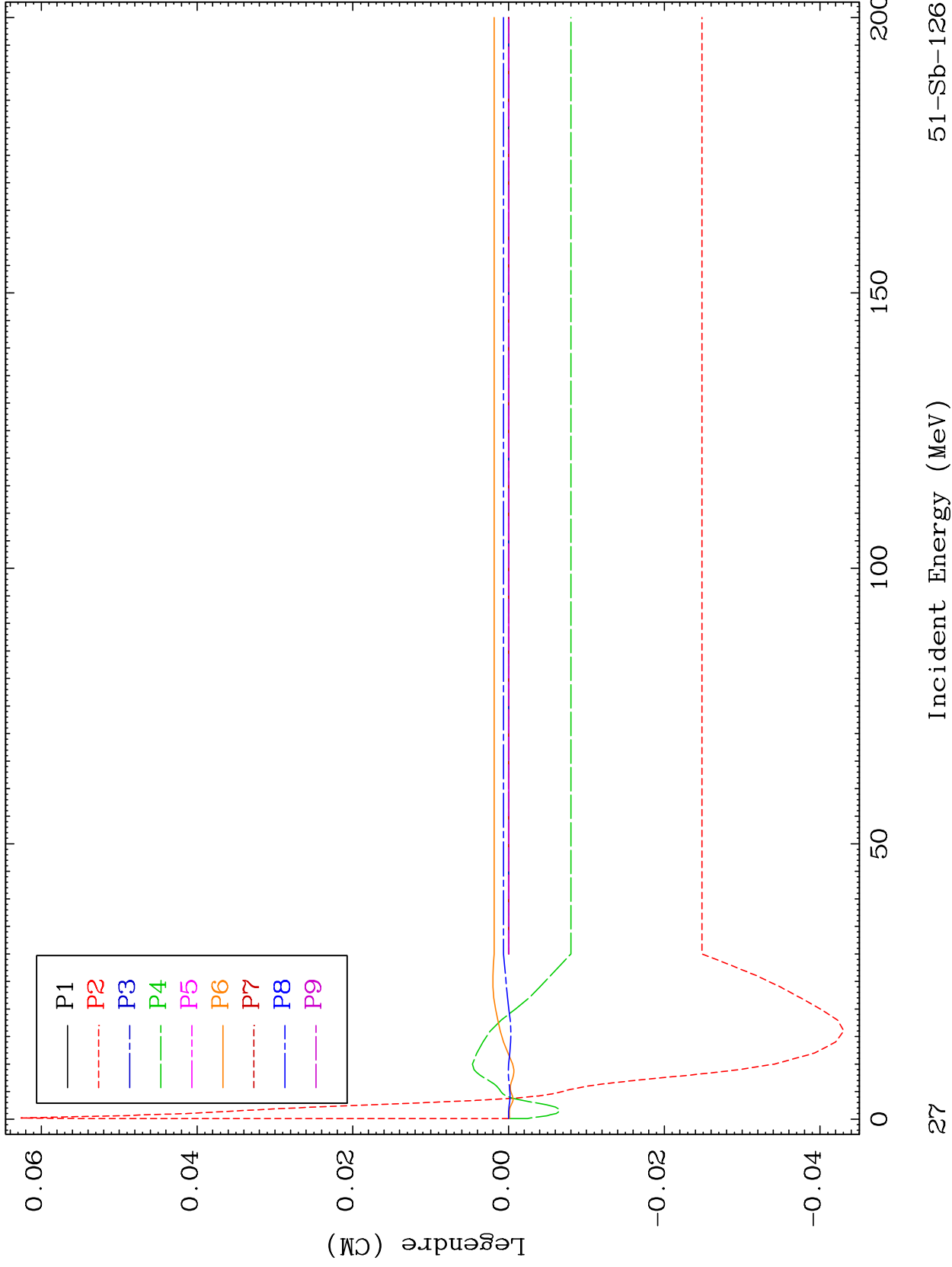


25

Incident Energy (MeV)

51-Sb-126

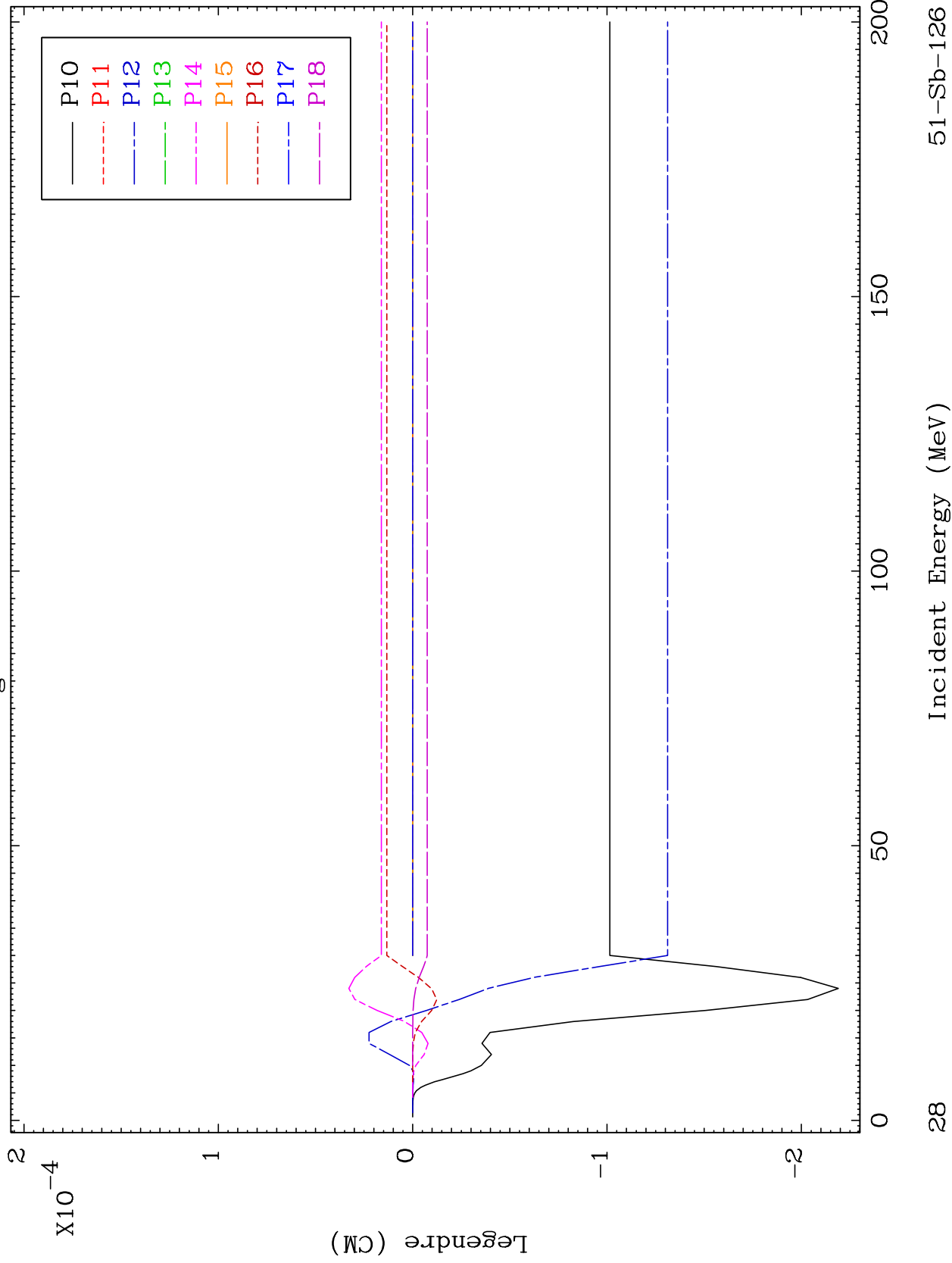




MAT 5140

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

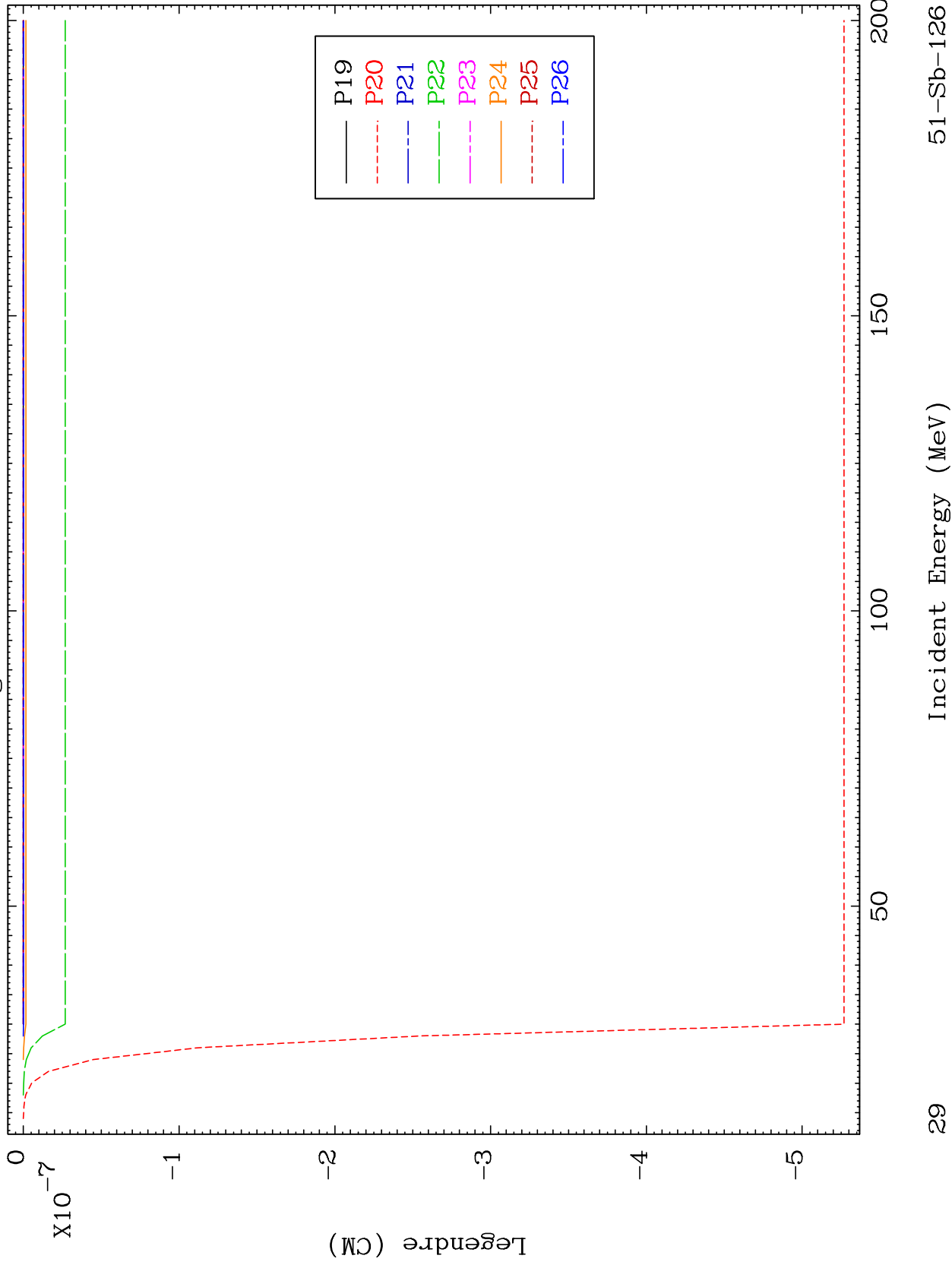
51-Sb-126



MAT 5140

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

51-Sb-126



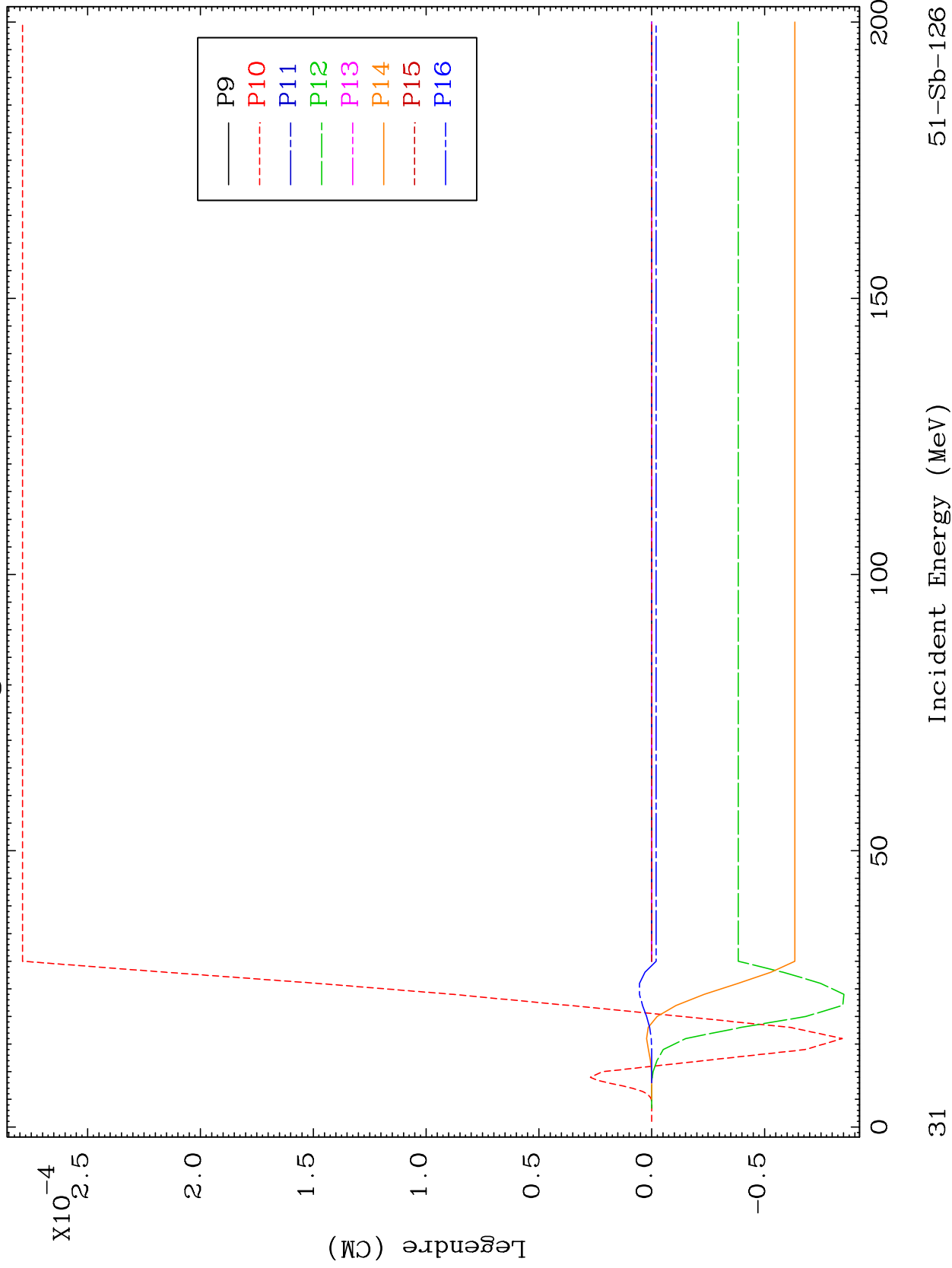
29

51-Sb-126

MAT 5140

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

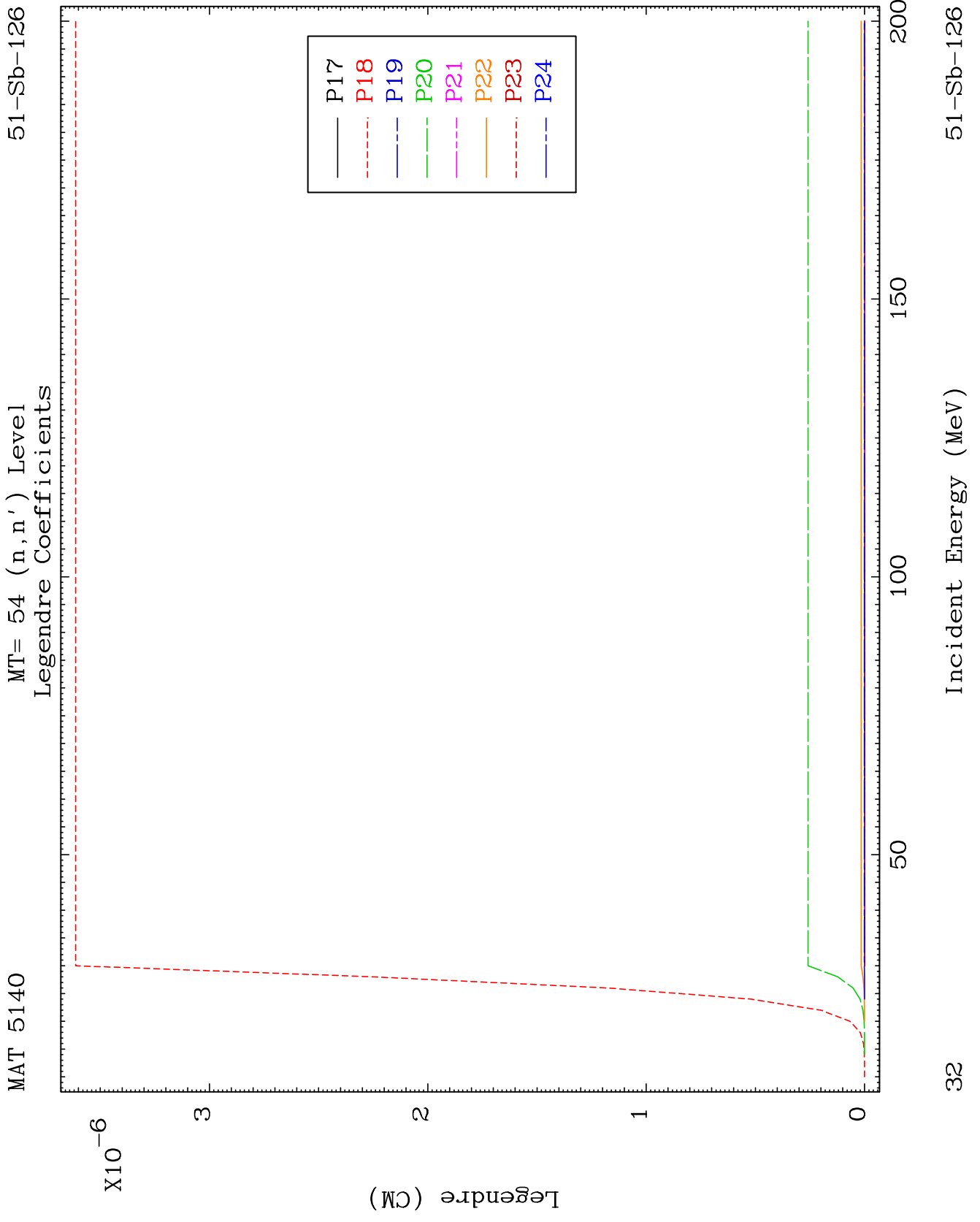
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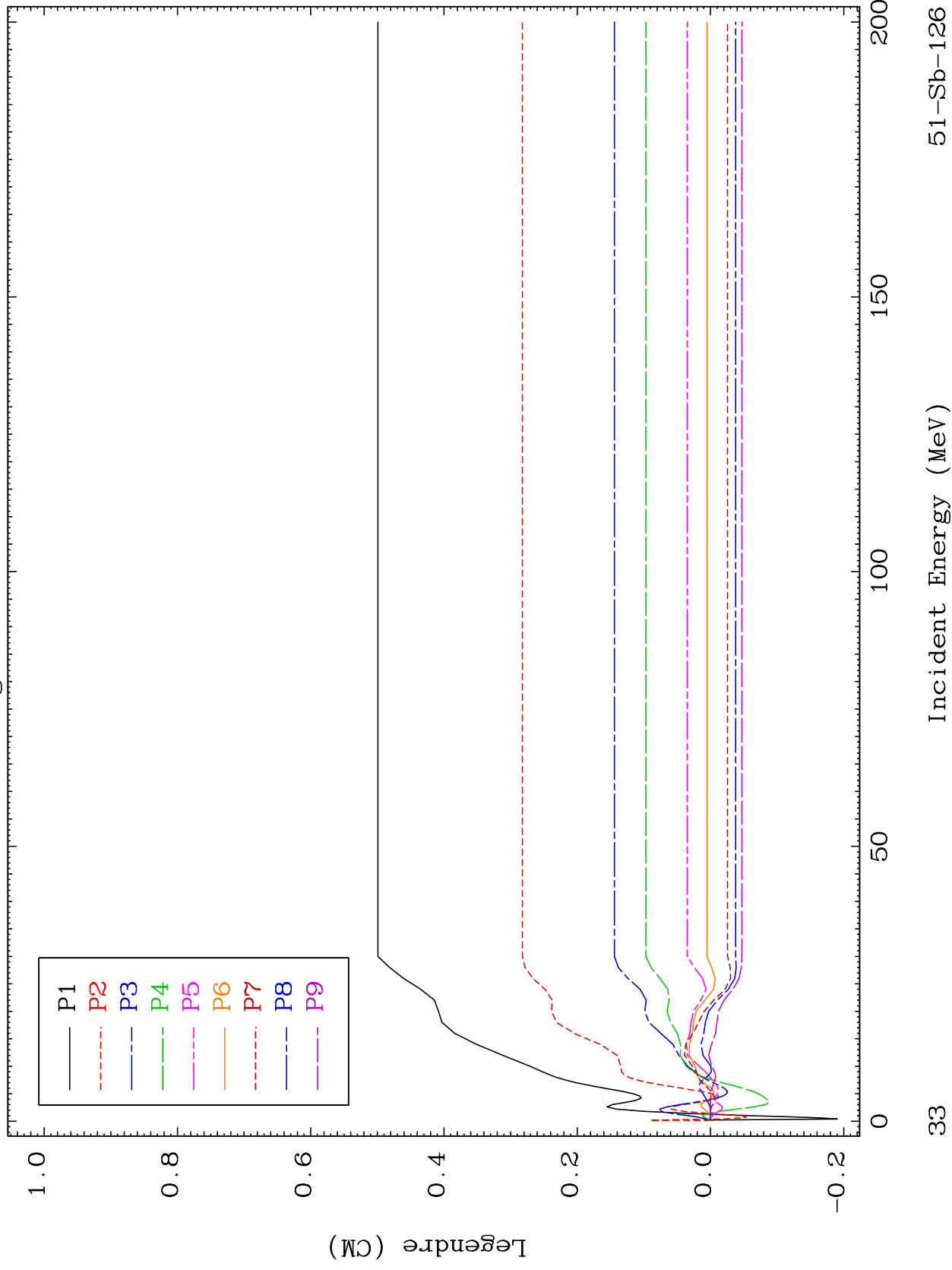


31

Incident Energy (MeV)

51-Sb-126

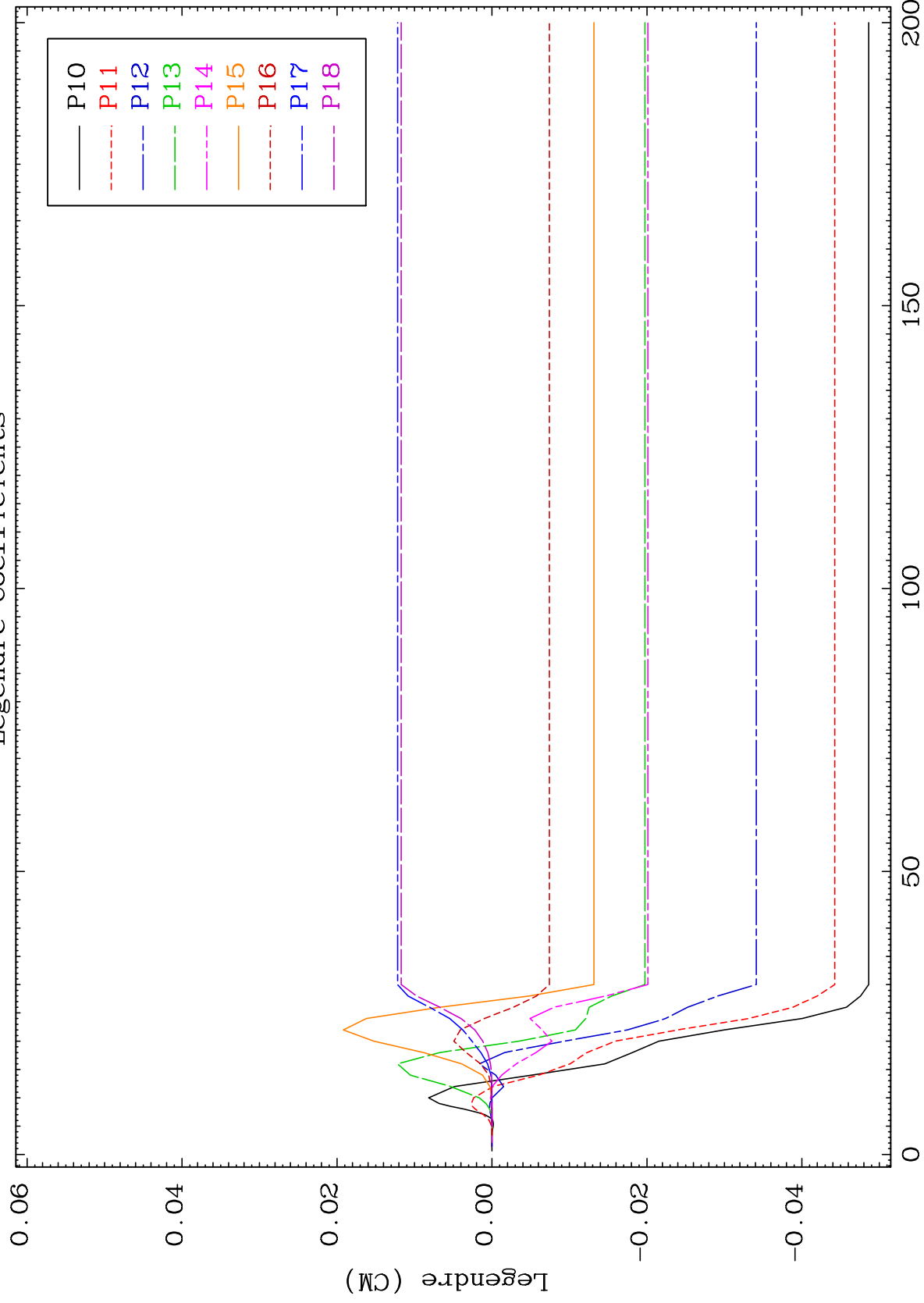




MAT 5140

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

51-Sb-126



34

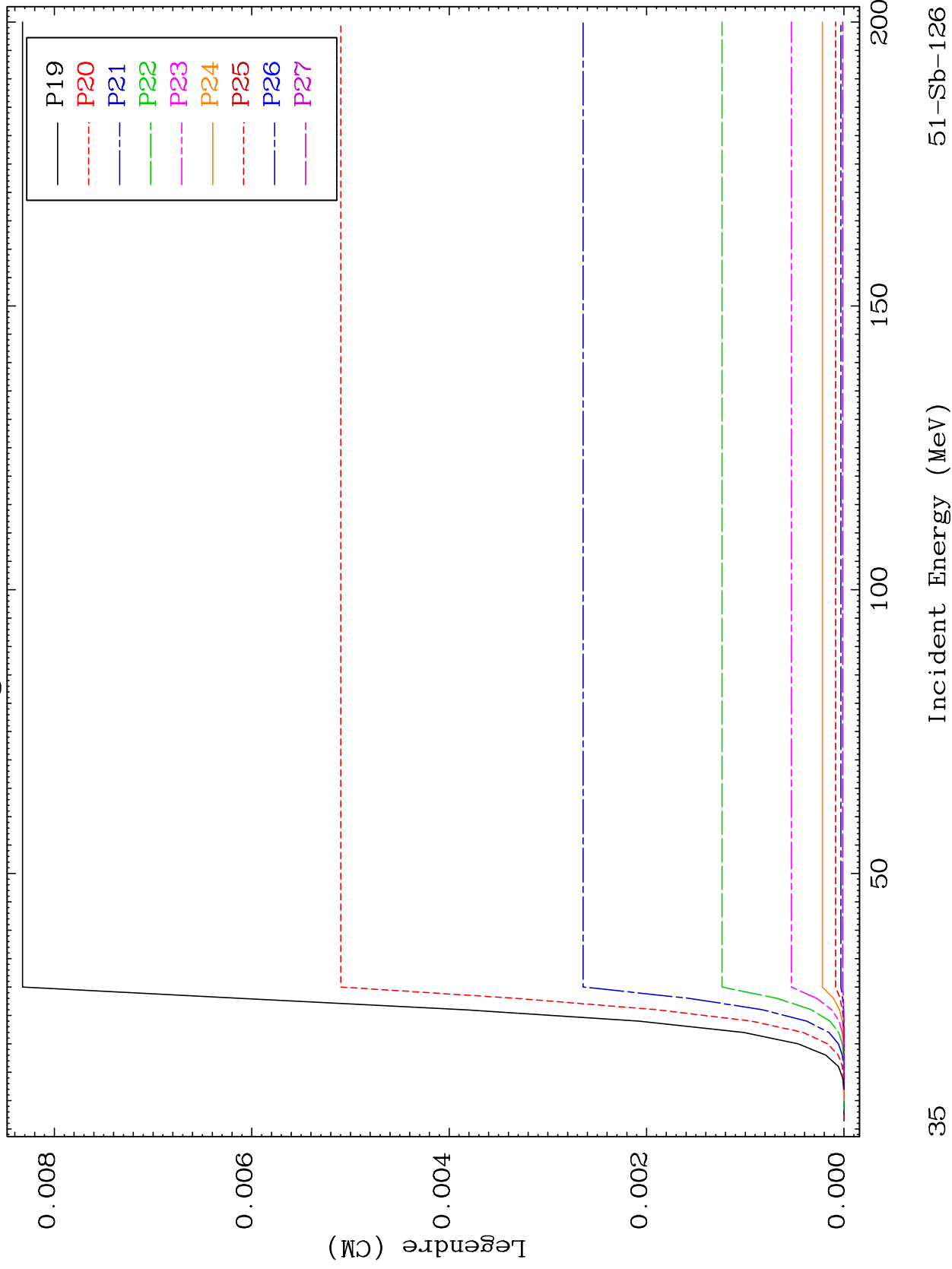
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126



51-Sb-126

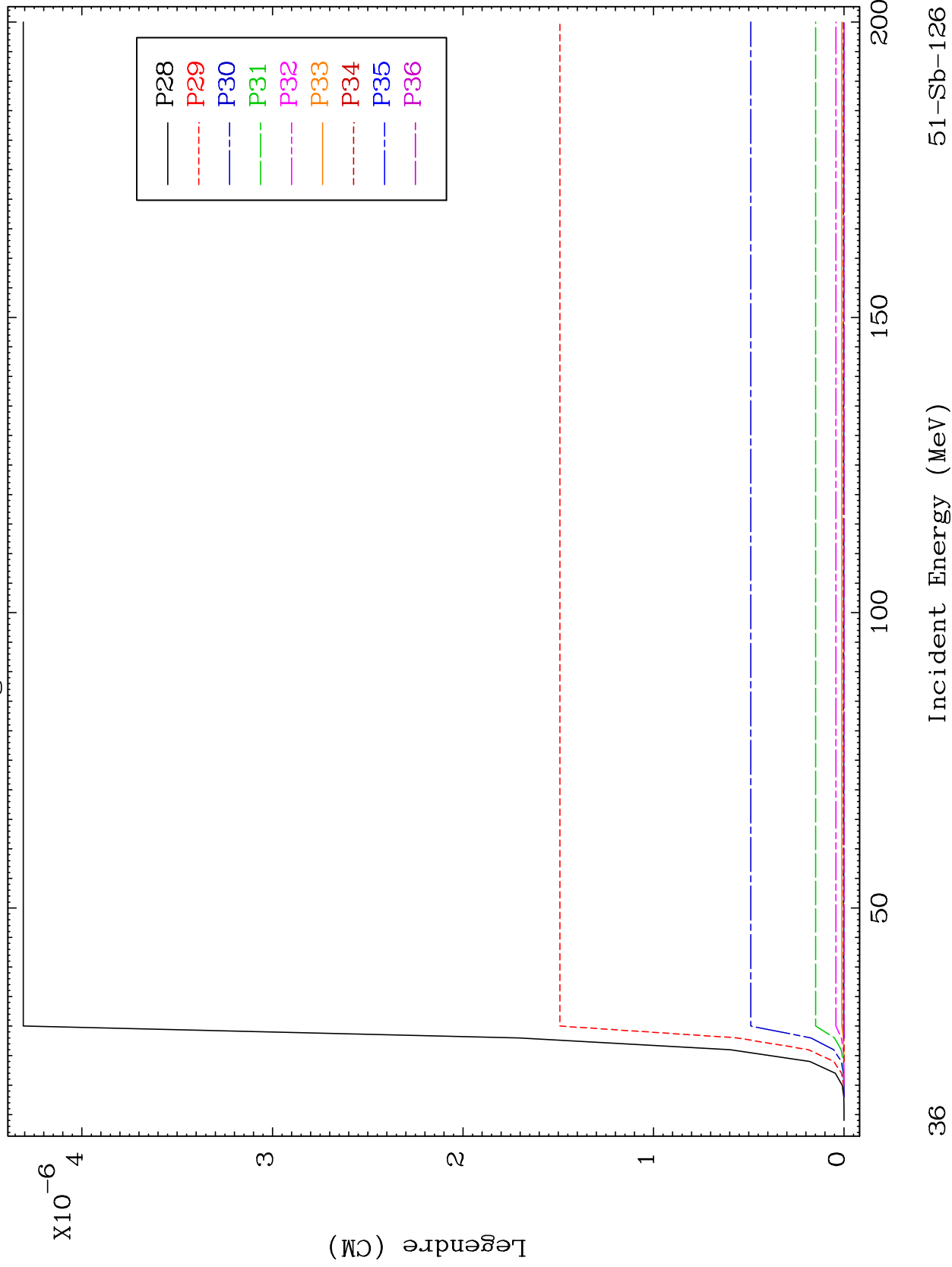
Incident Energy (MeV)

35

MAT 5140

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

51-Sb-126



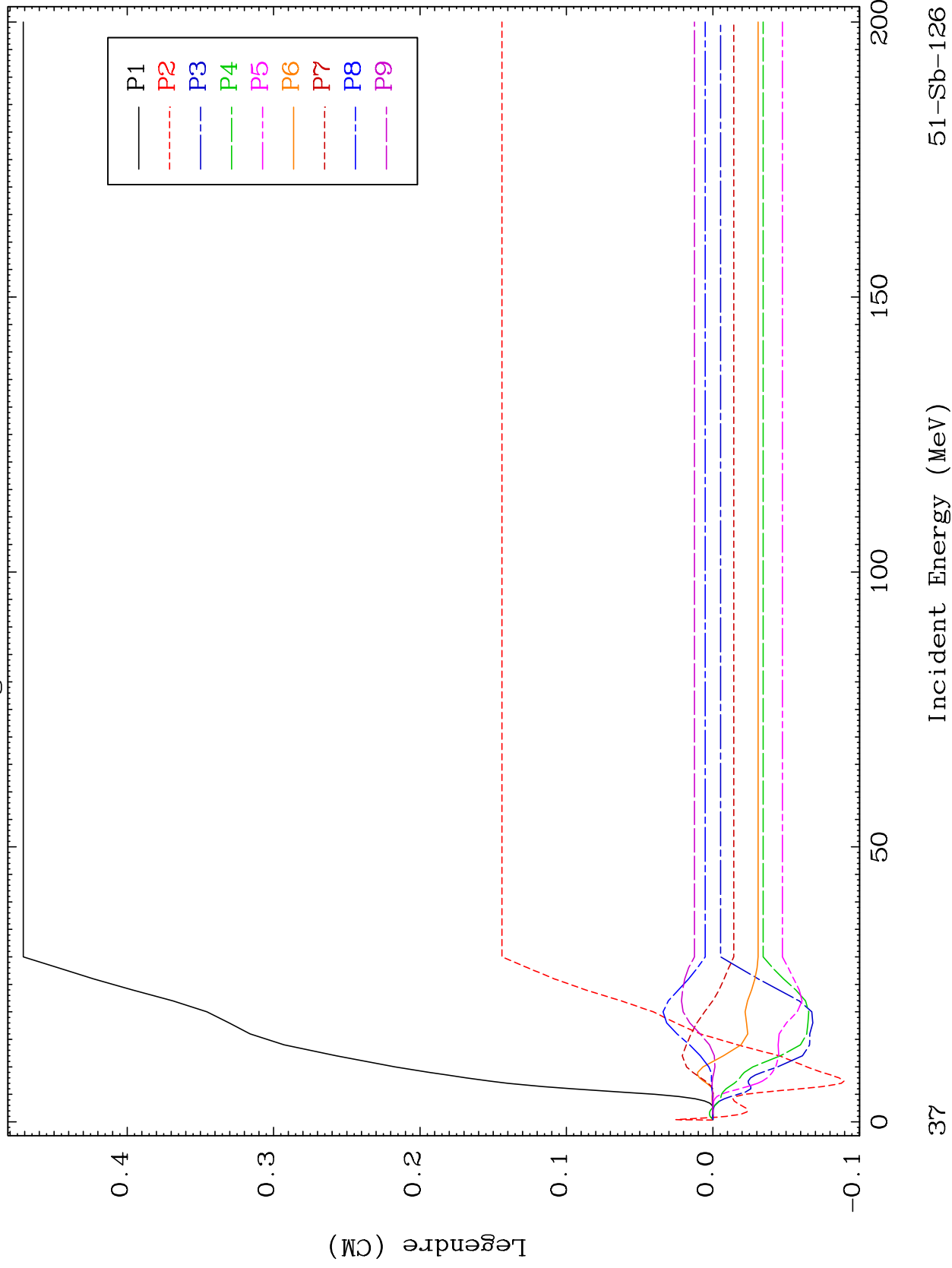
36

51-Sb-126

MAT 5140

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

51-Sb-126



51-Sb-126

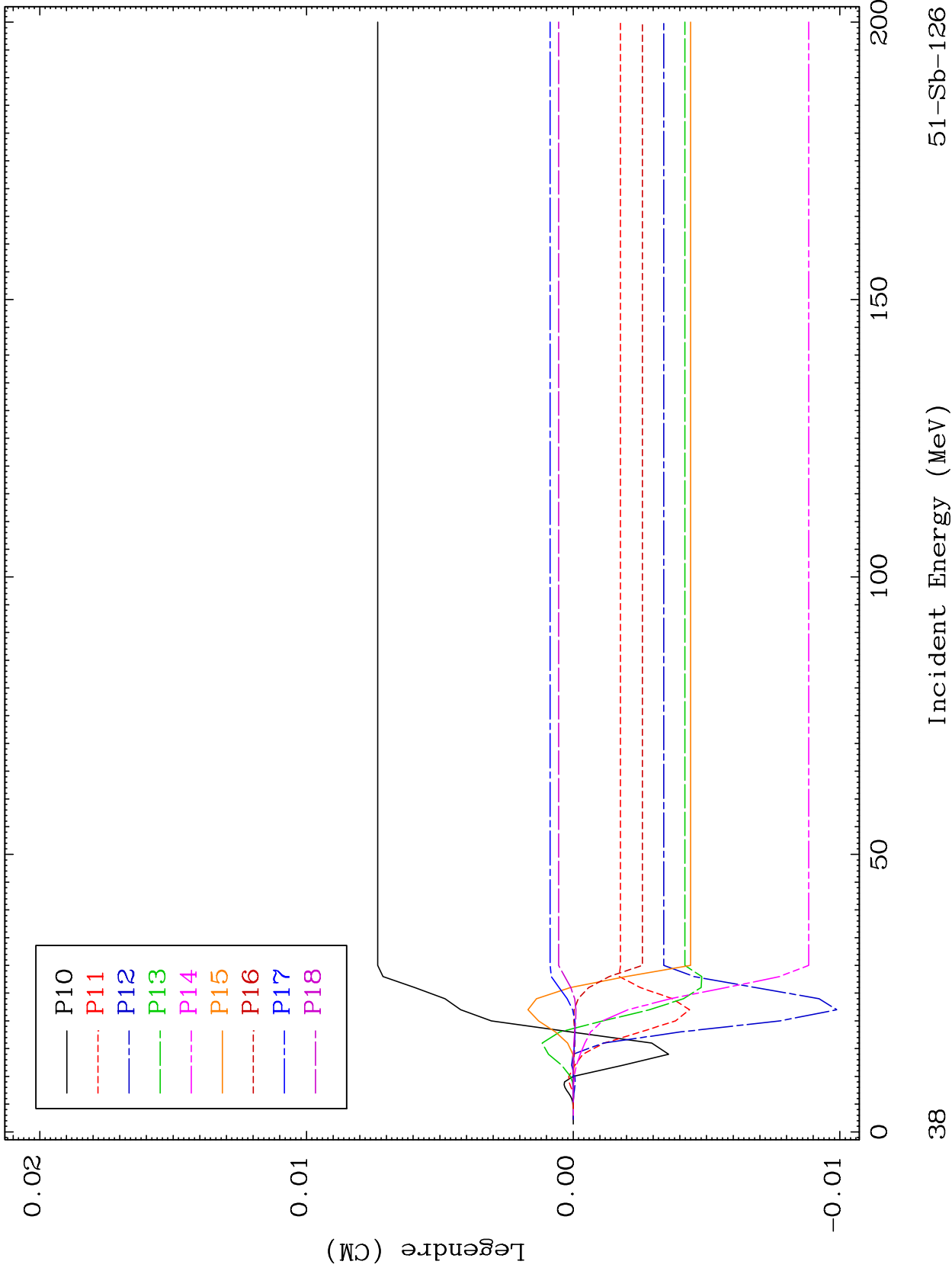
Incident Energy (MeV)

37

MAT 5140

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

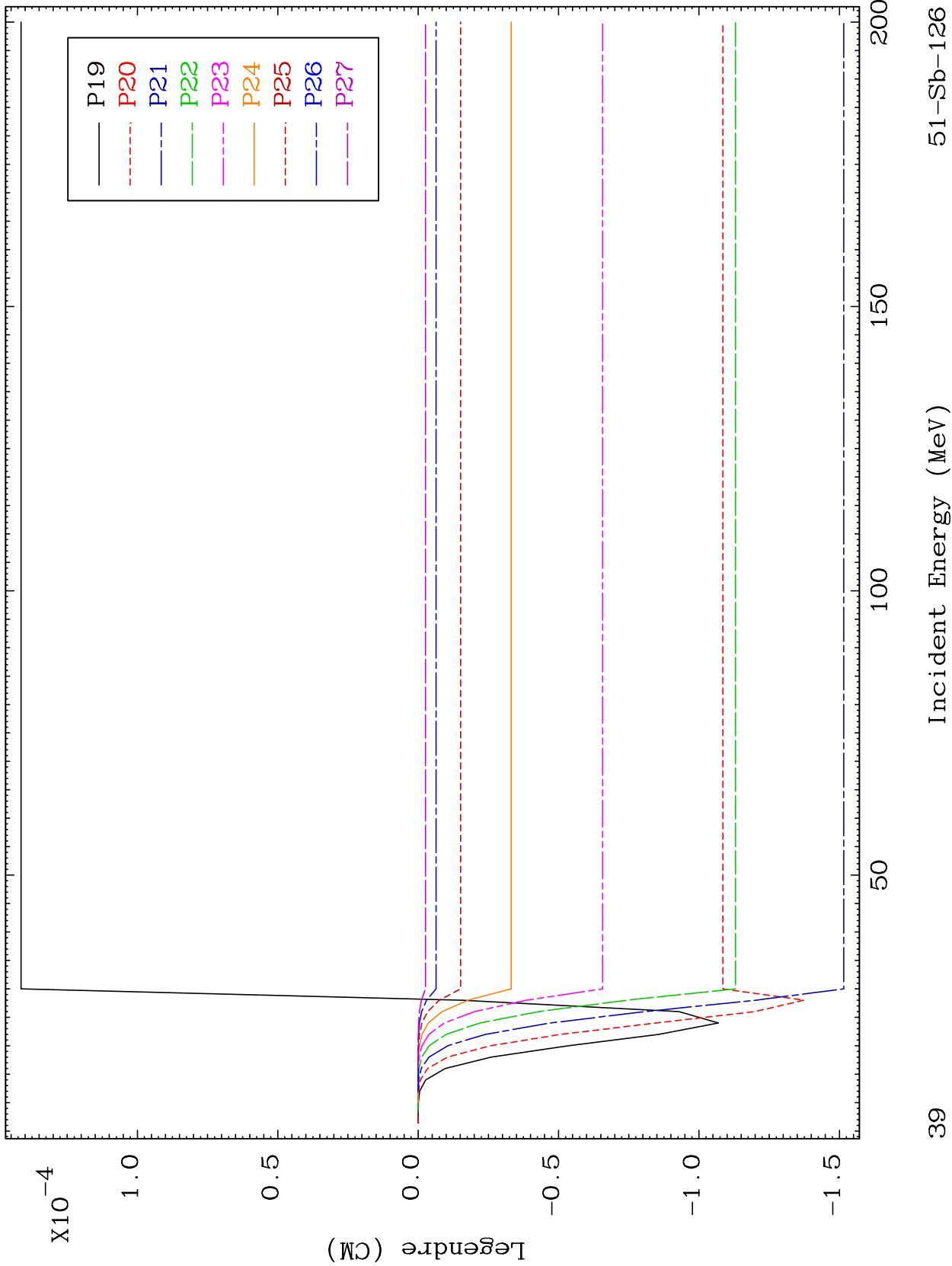
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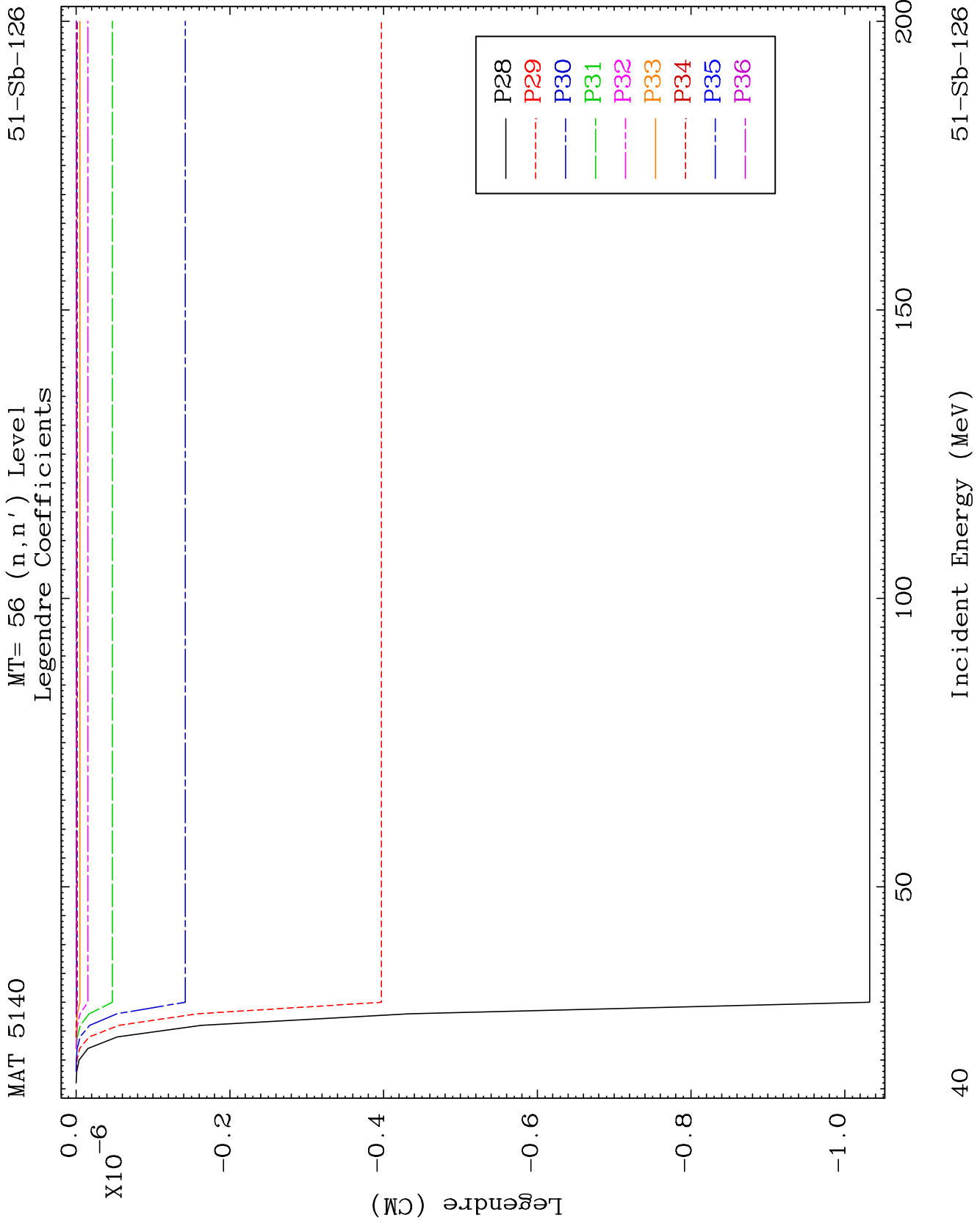


51-Sb-126

Incident Energy (MeV)

38

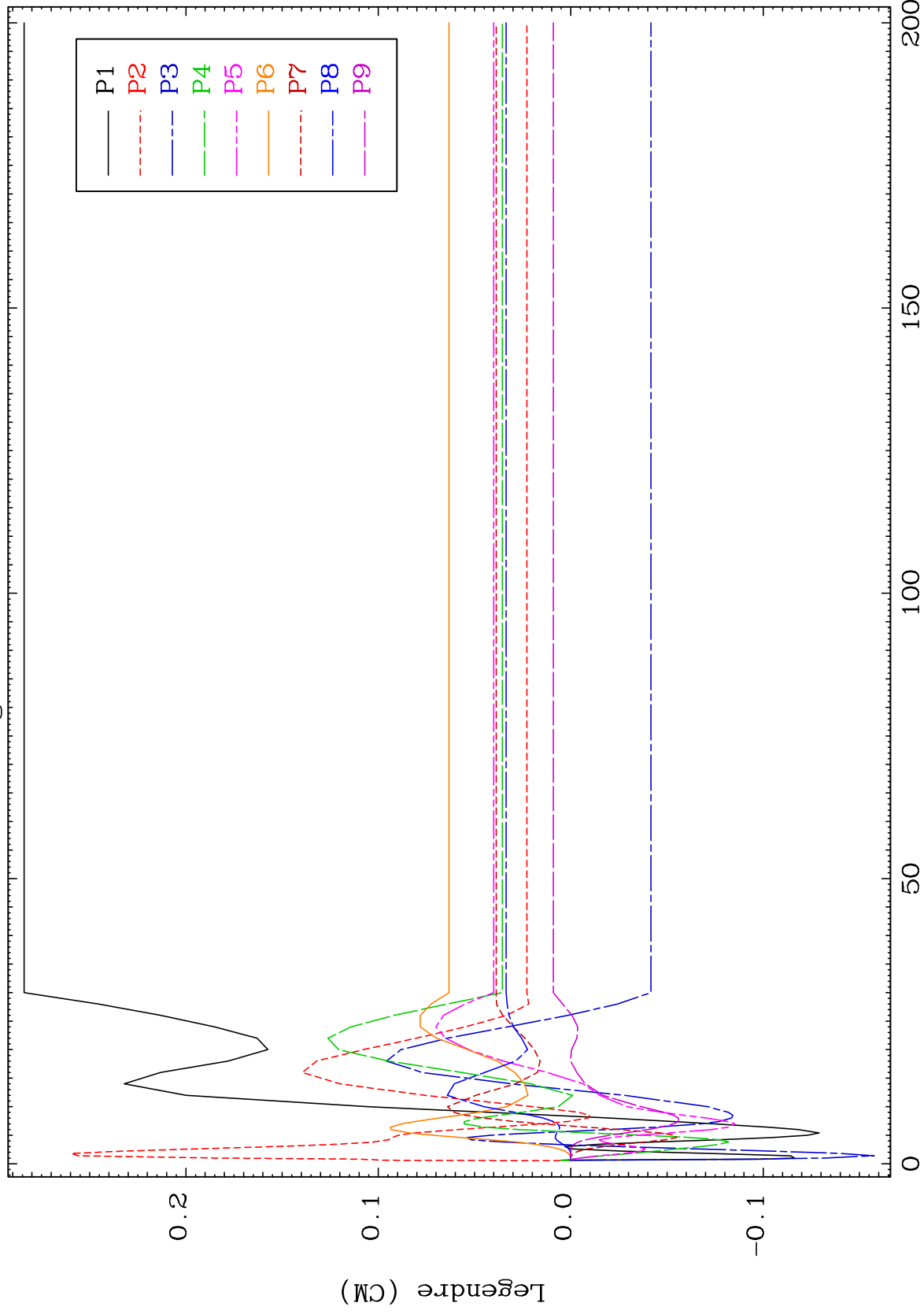




MAT 5140

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

51-Sb-126



41

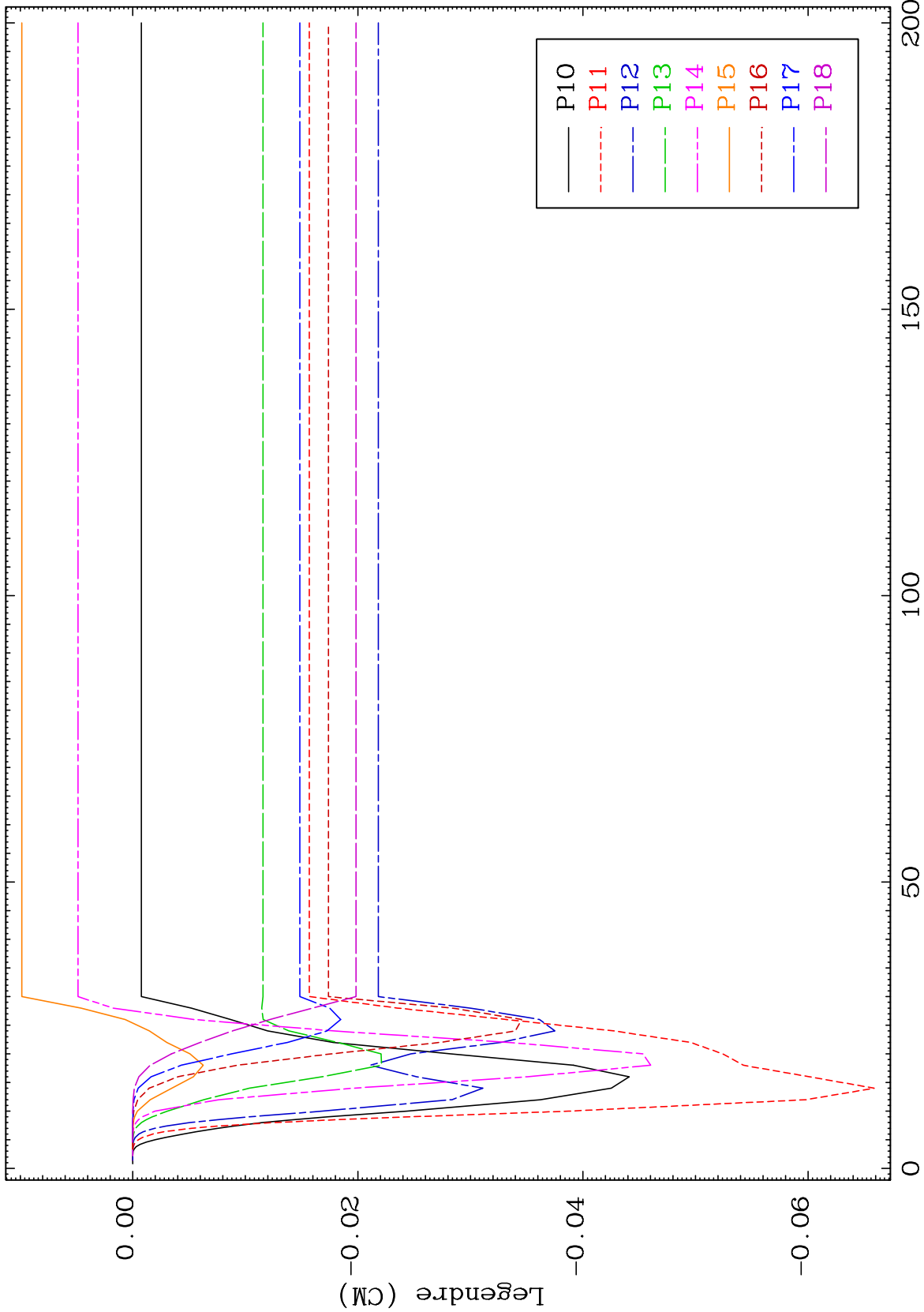
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

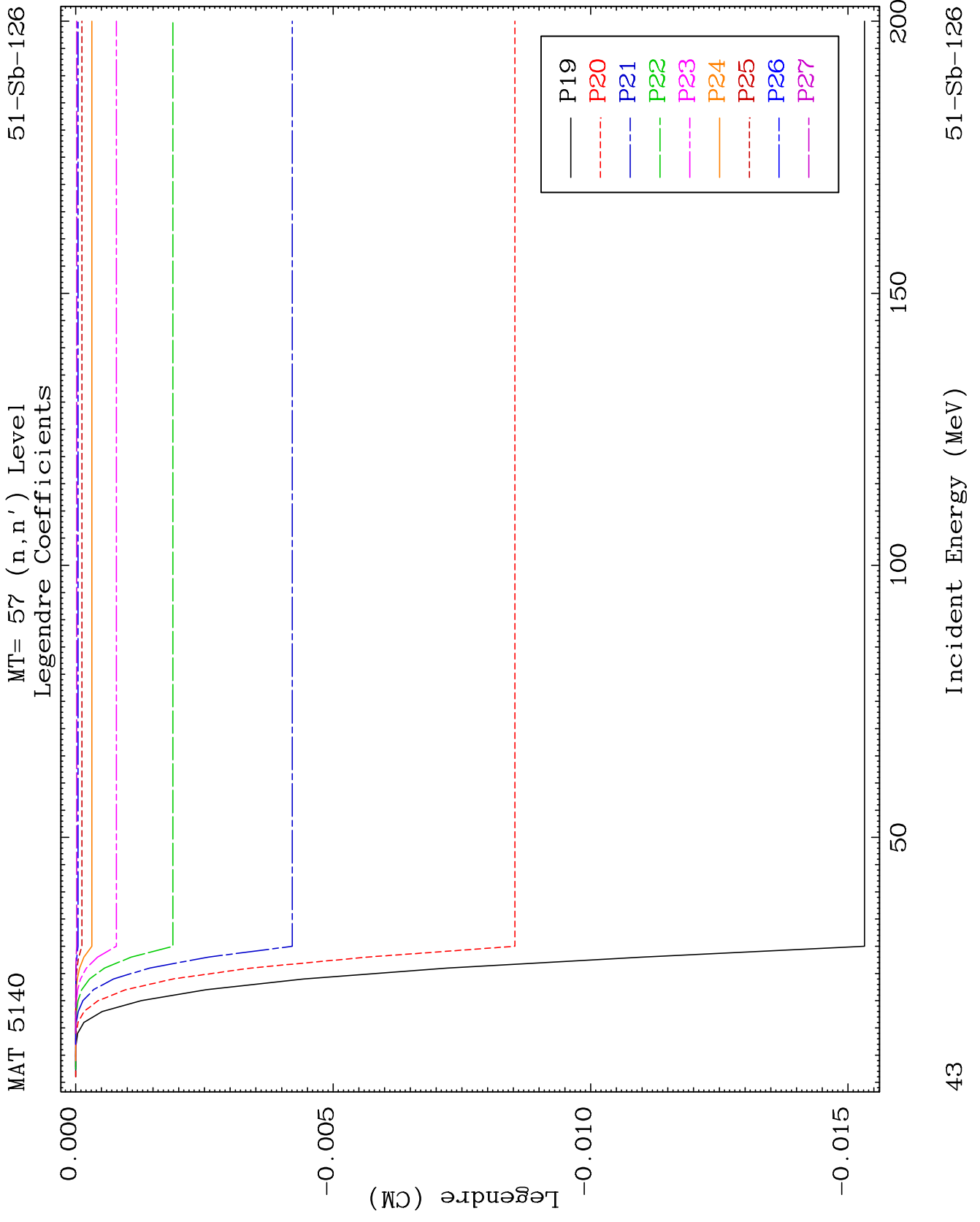
51-Sb-126



42

Incident Energy (MeV)

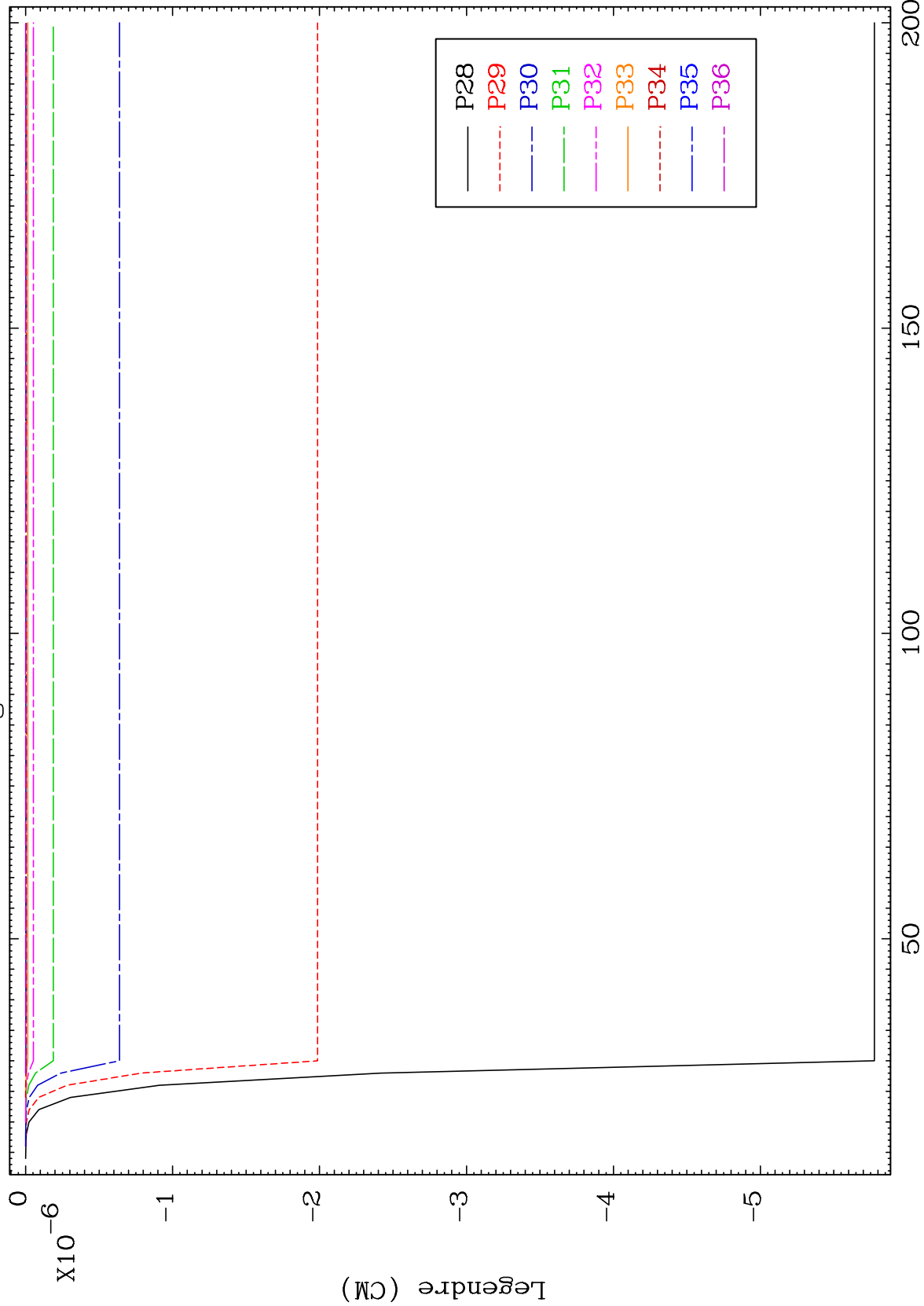
51-Sb-126



MAT 5140

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

51-Sb-126



44

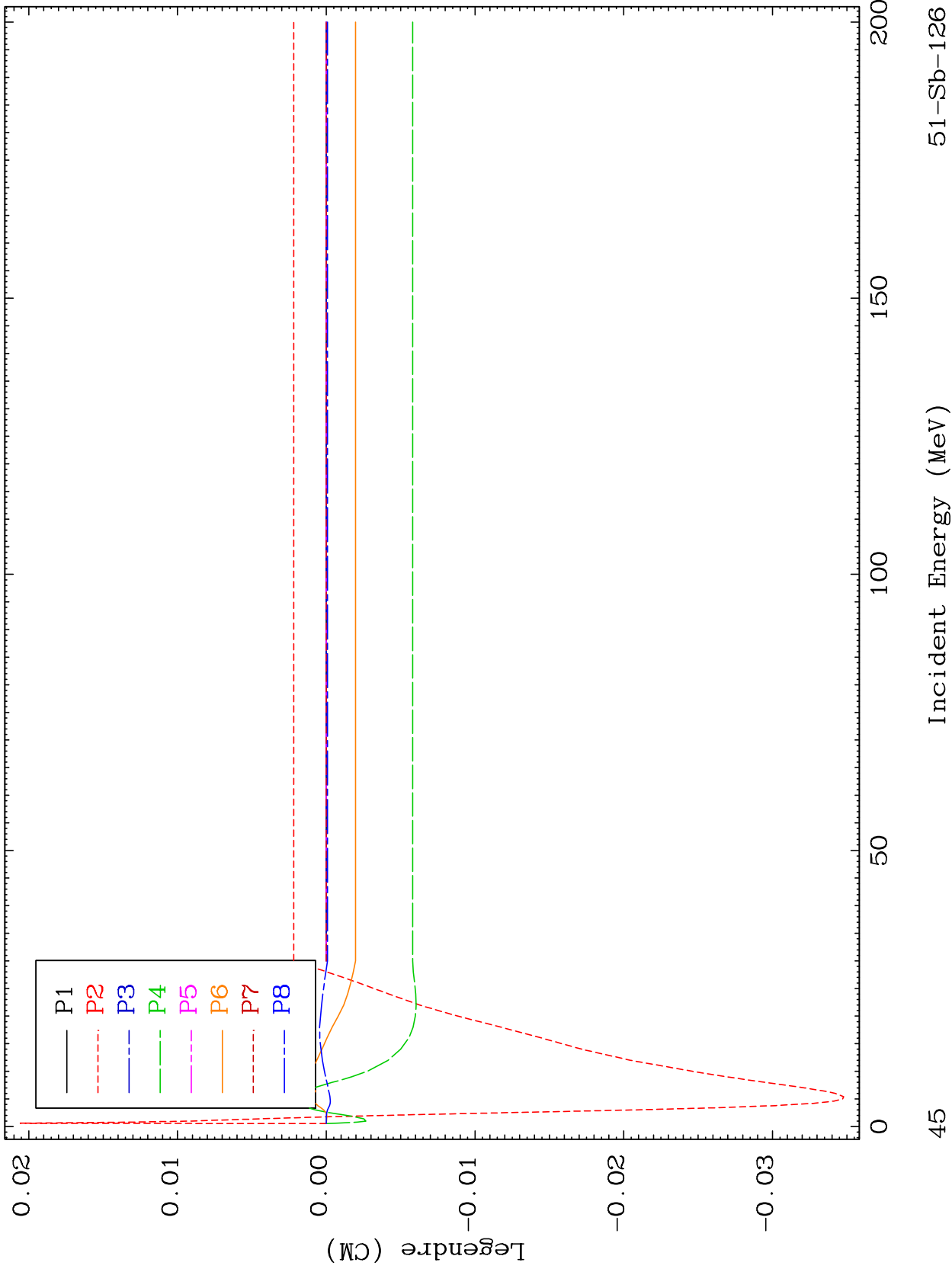
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126



51-Sb-126

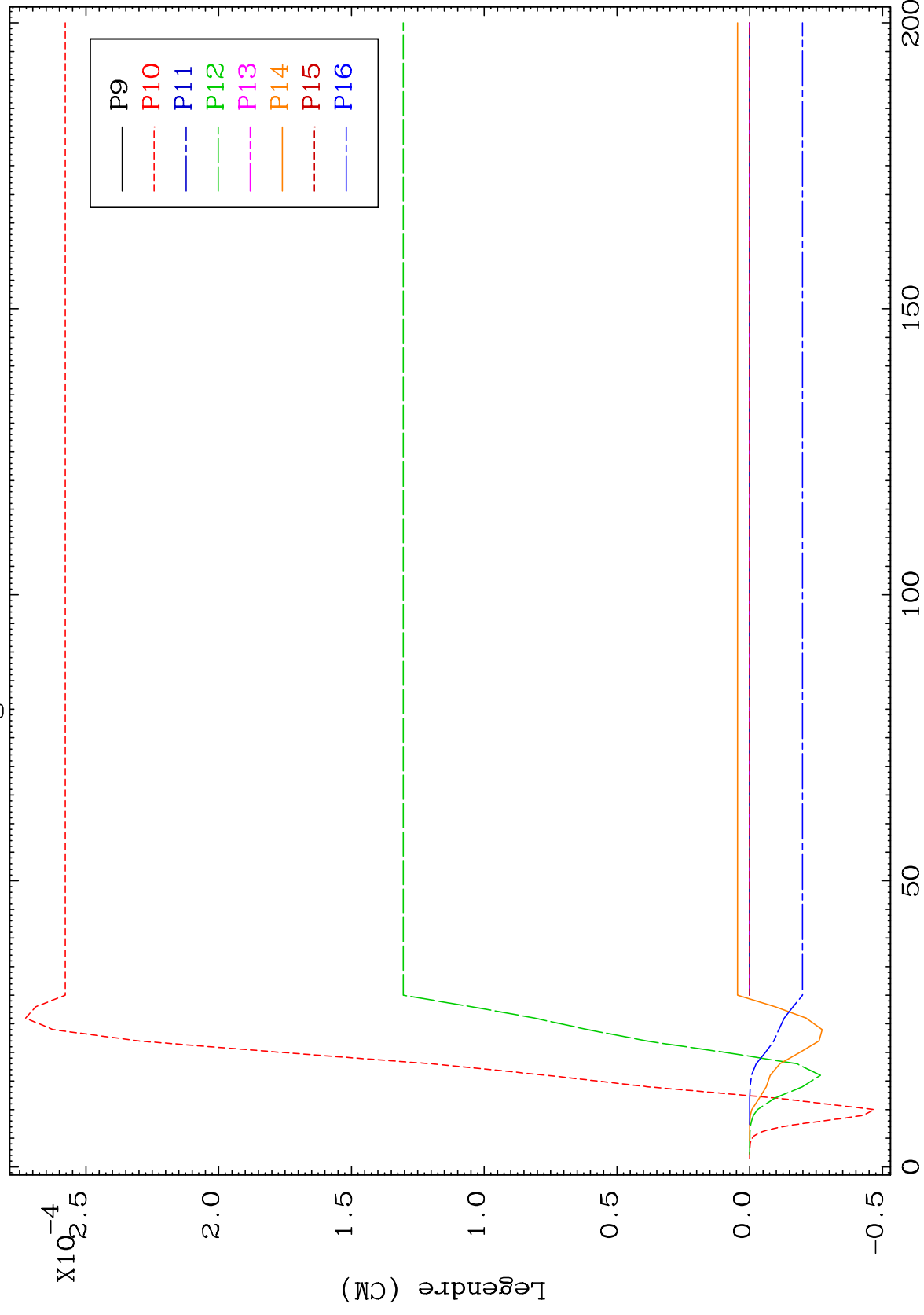
Incident Energy (MeV)

45

MAT 5140

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

51-Sb-126



46

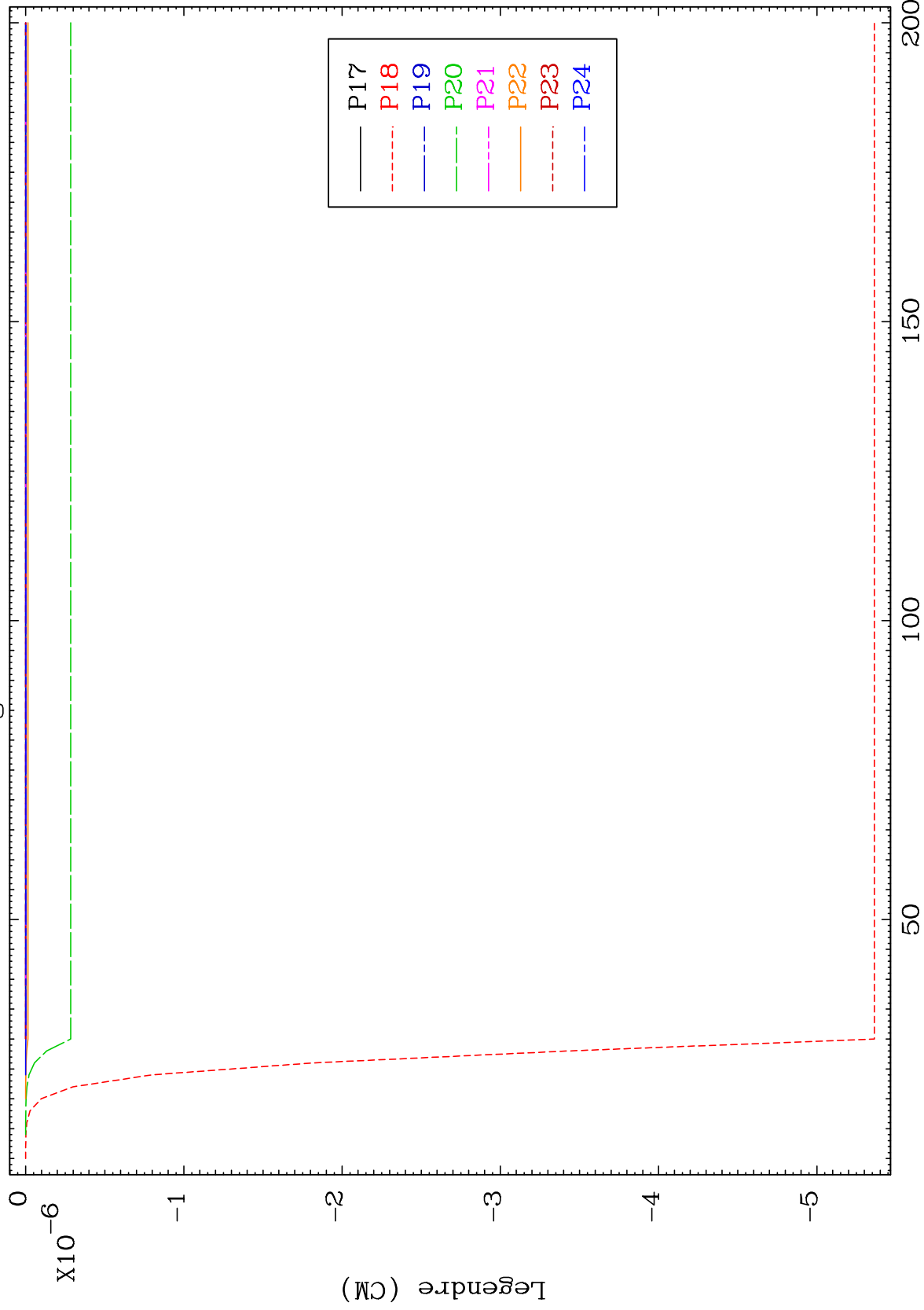
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126



47

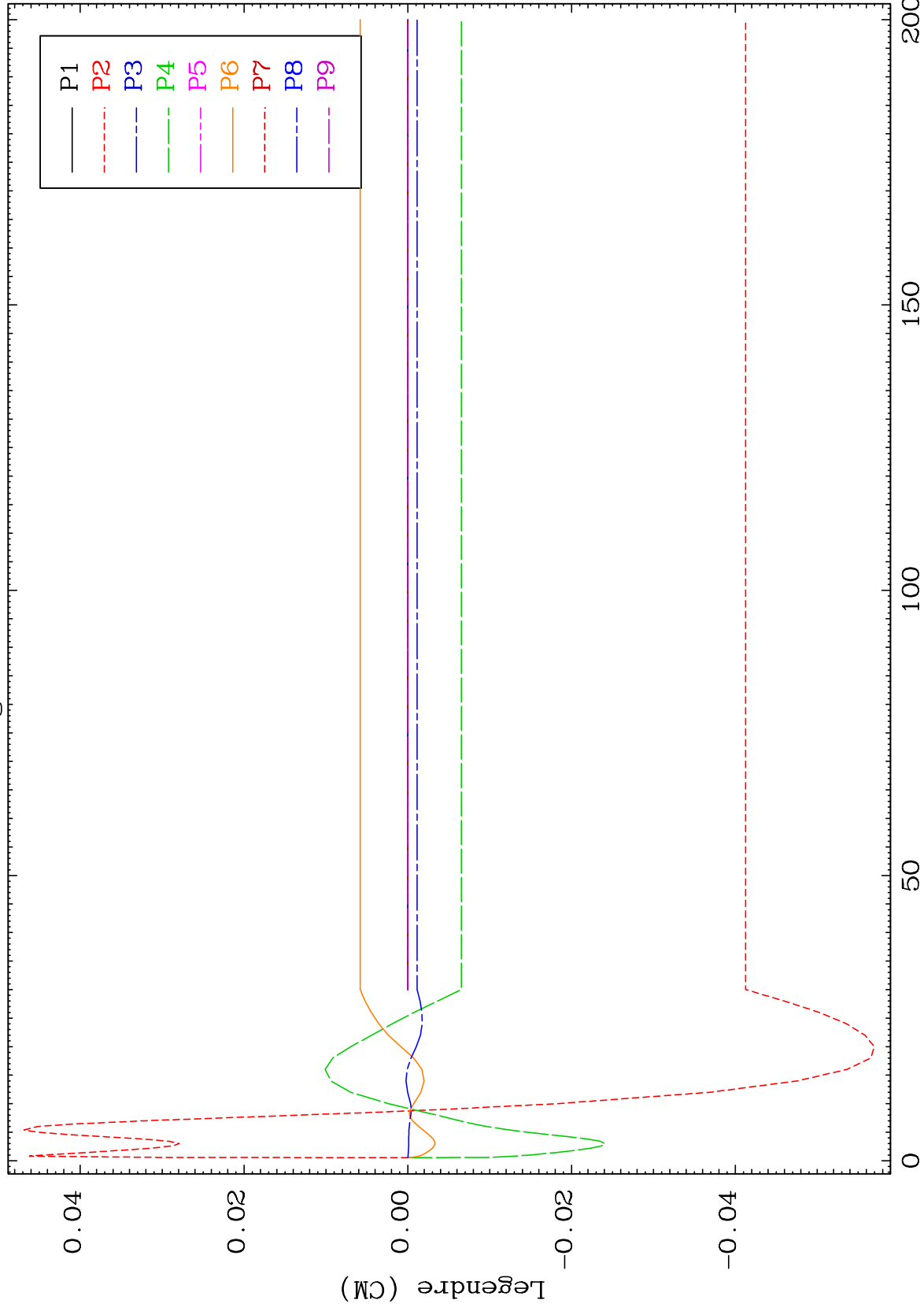
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

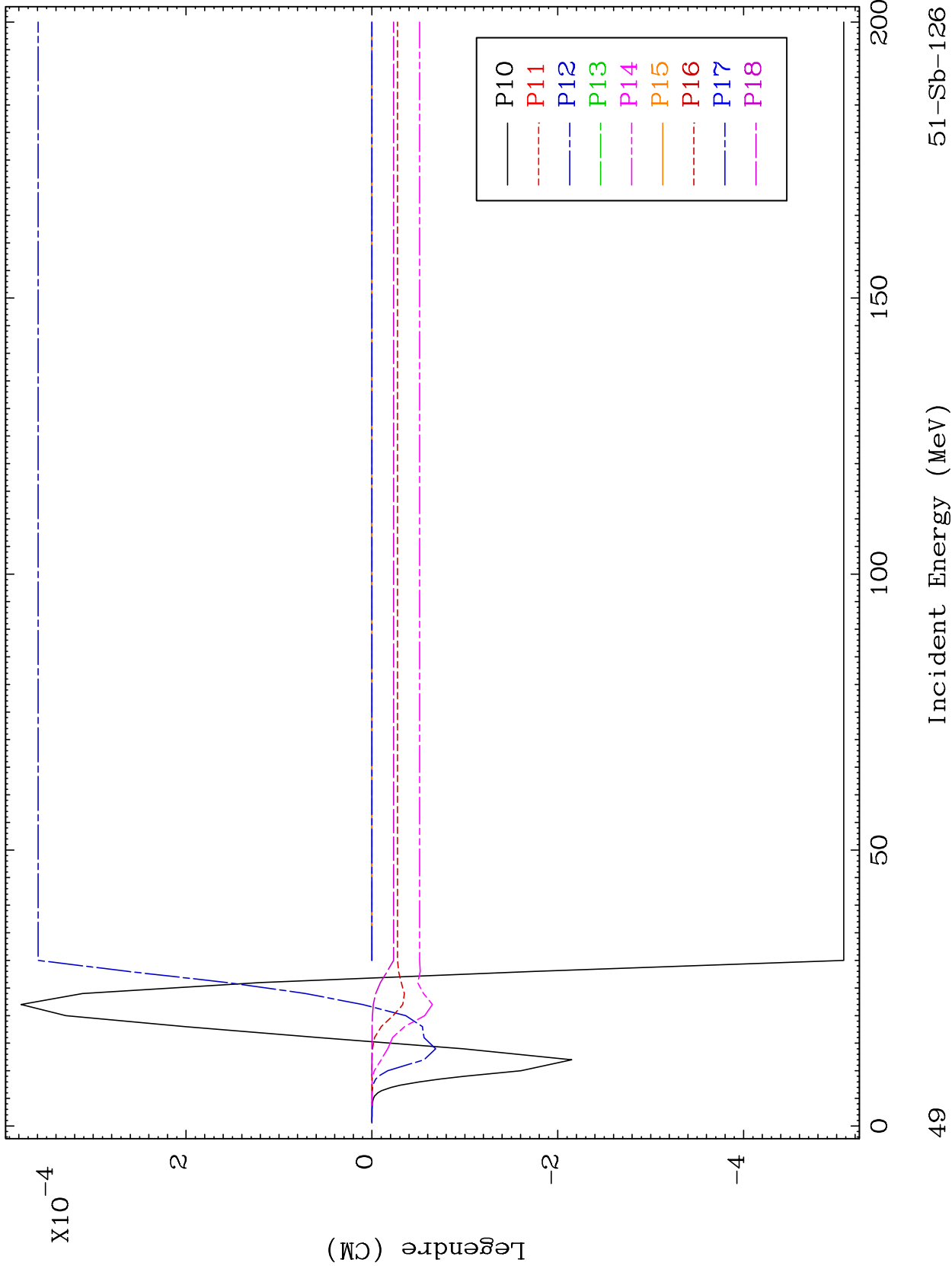
51-Sb-126



48

Incident Energy (MeV)

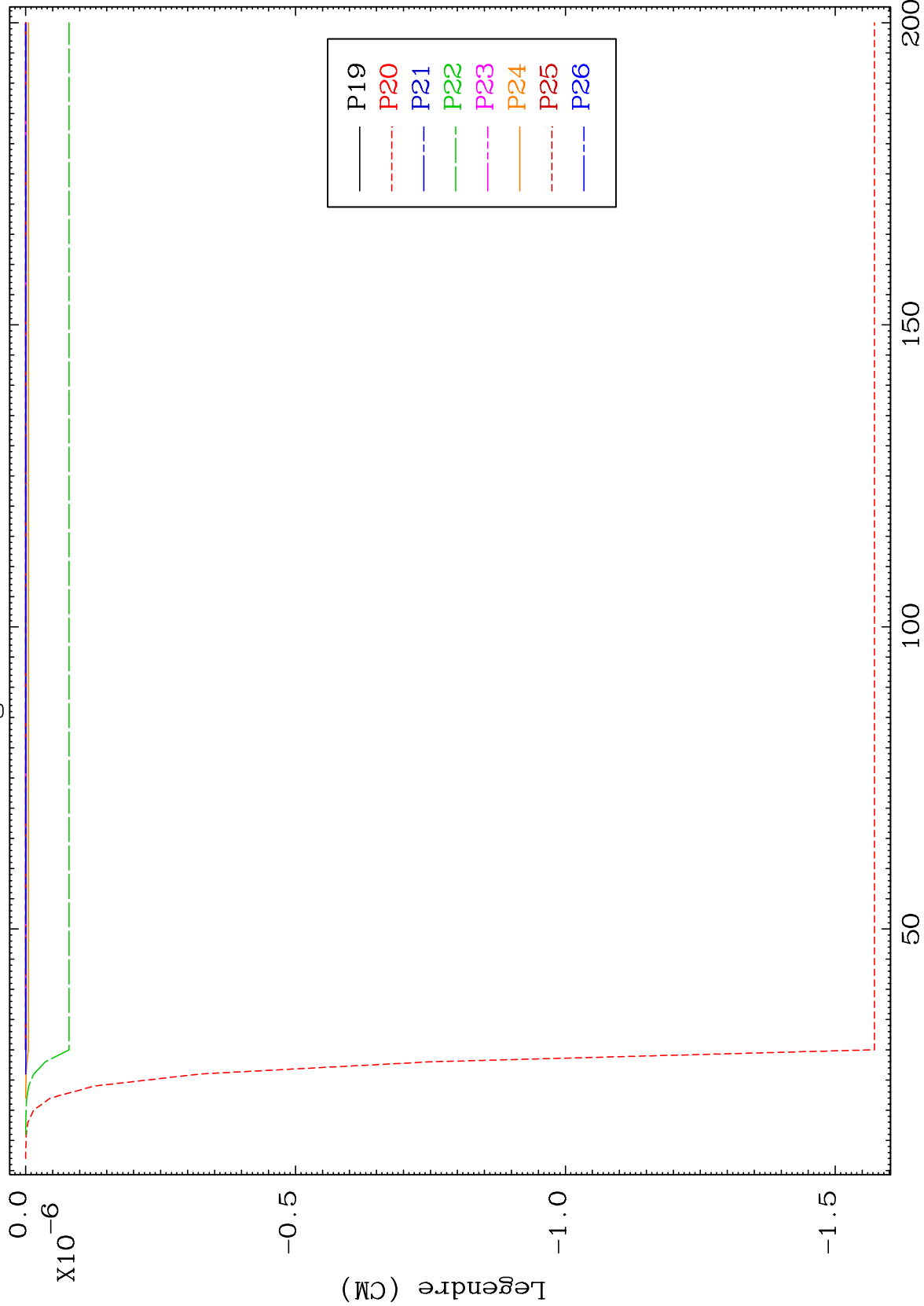
51-Sb-126



MAT 5140

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

51-Sb-126



51-Sb-126

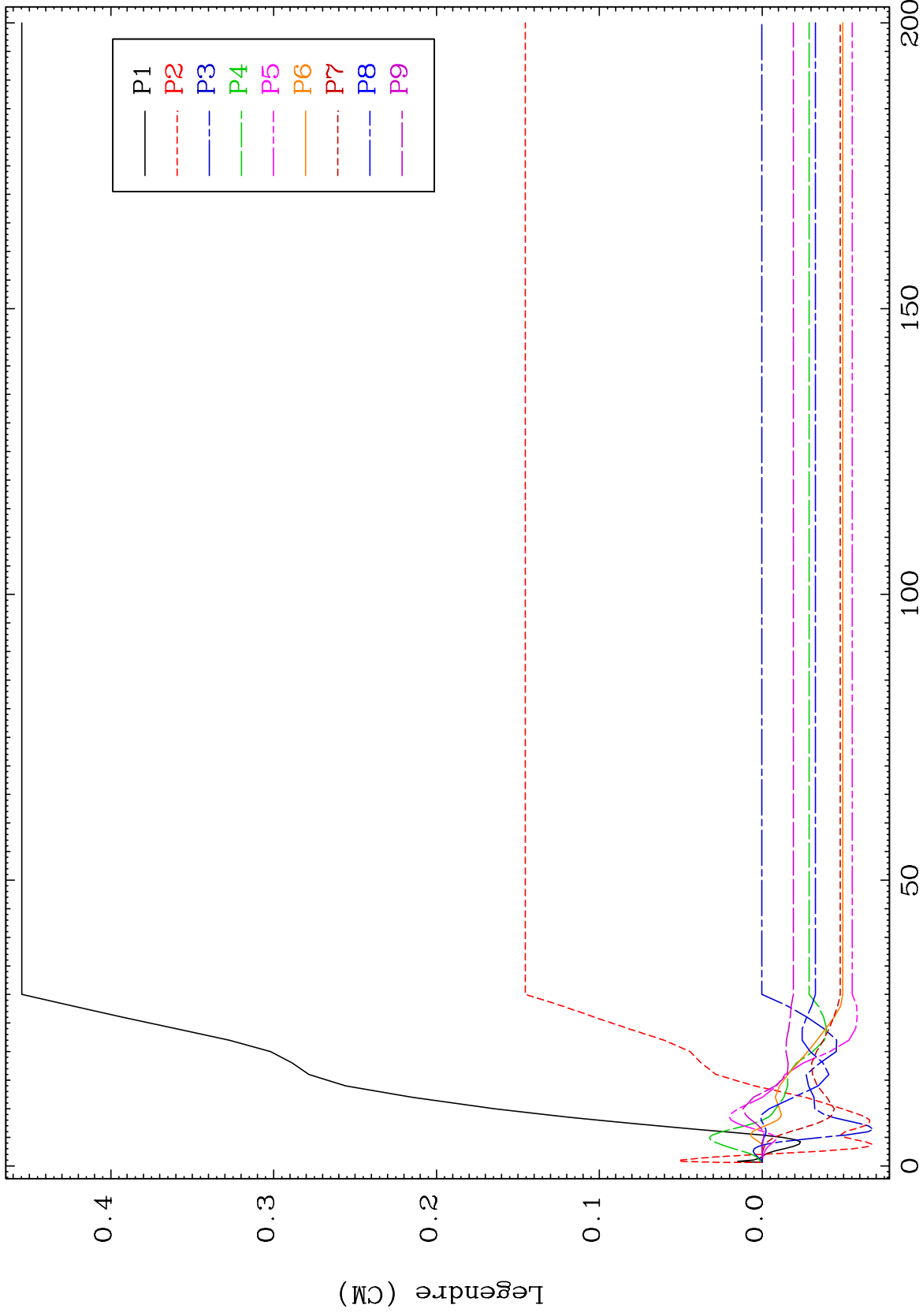
Incident Energy (MeV)

50

MAT 5140

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

51-Sb-126



51

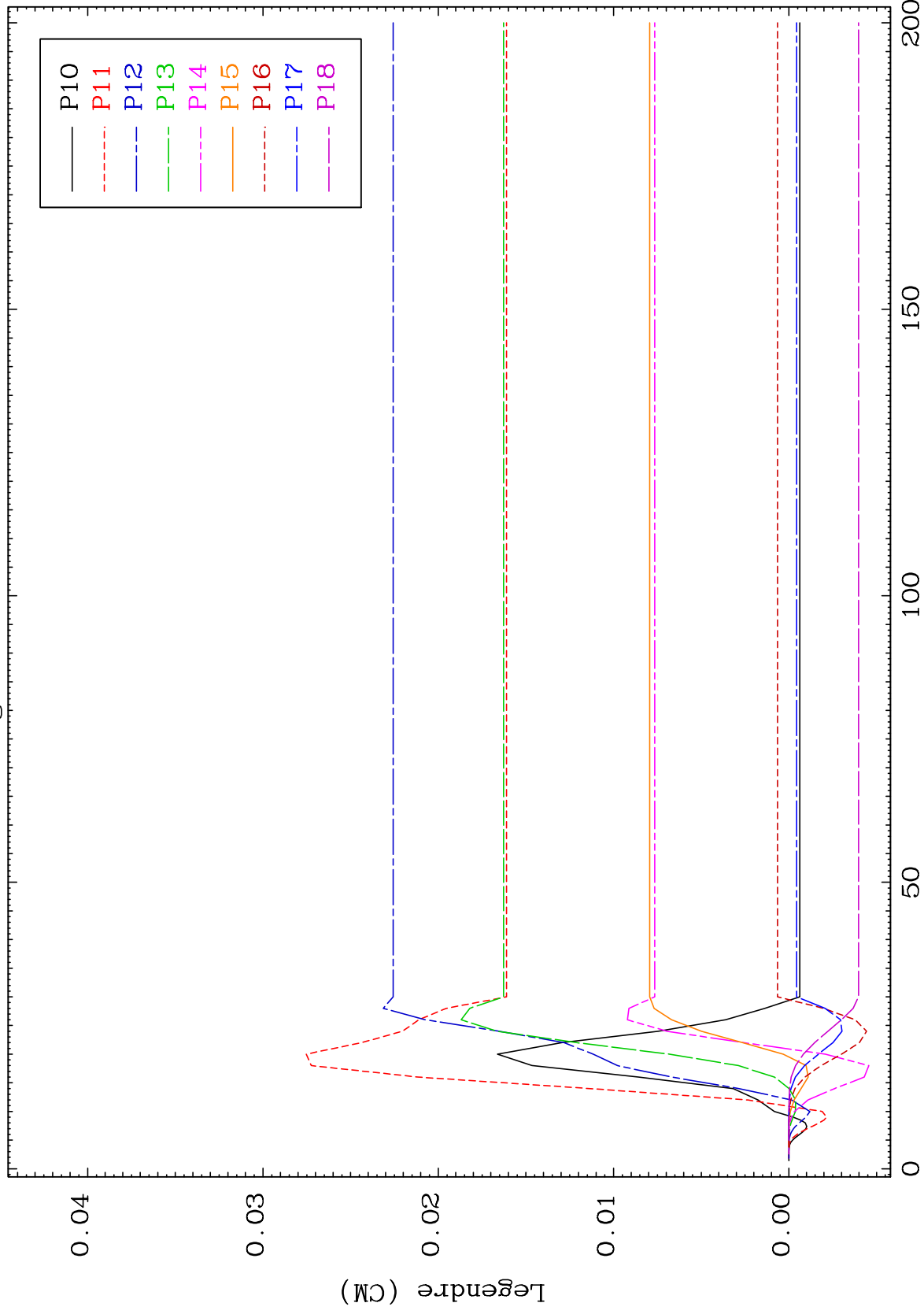
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

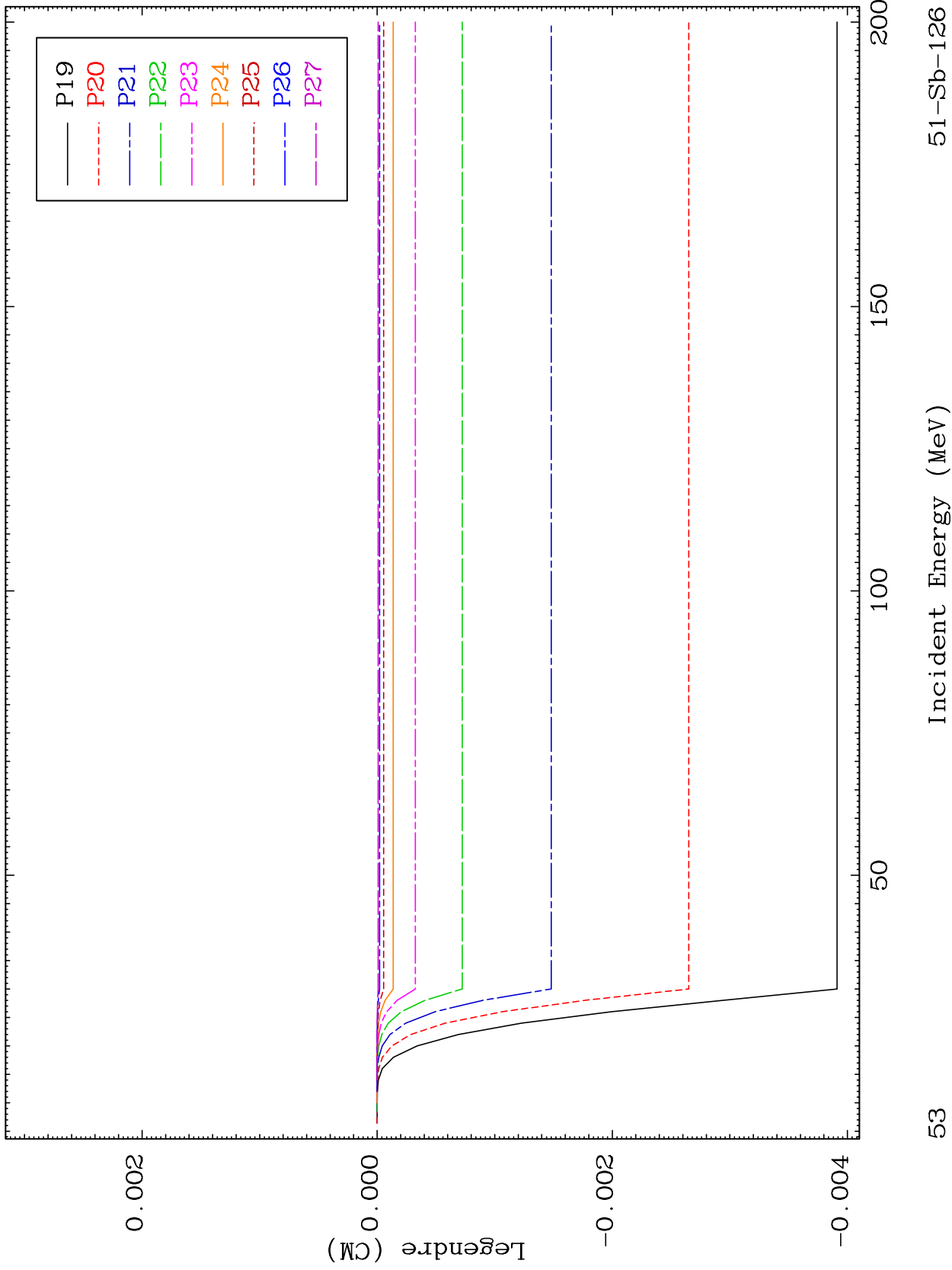
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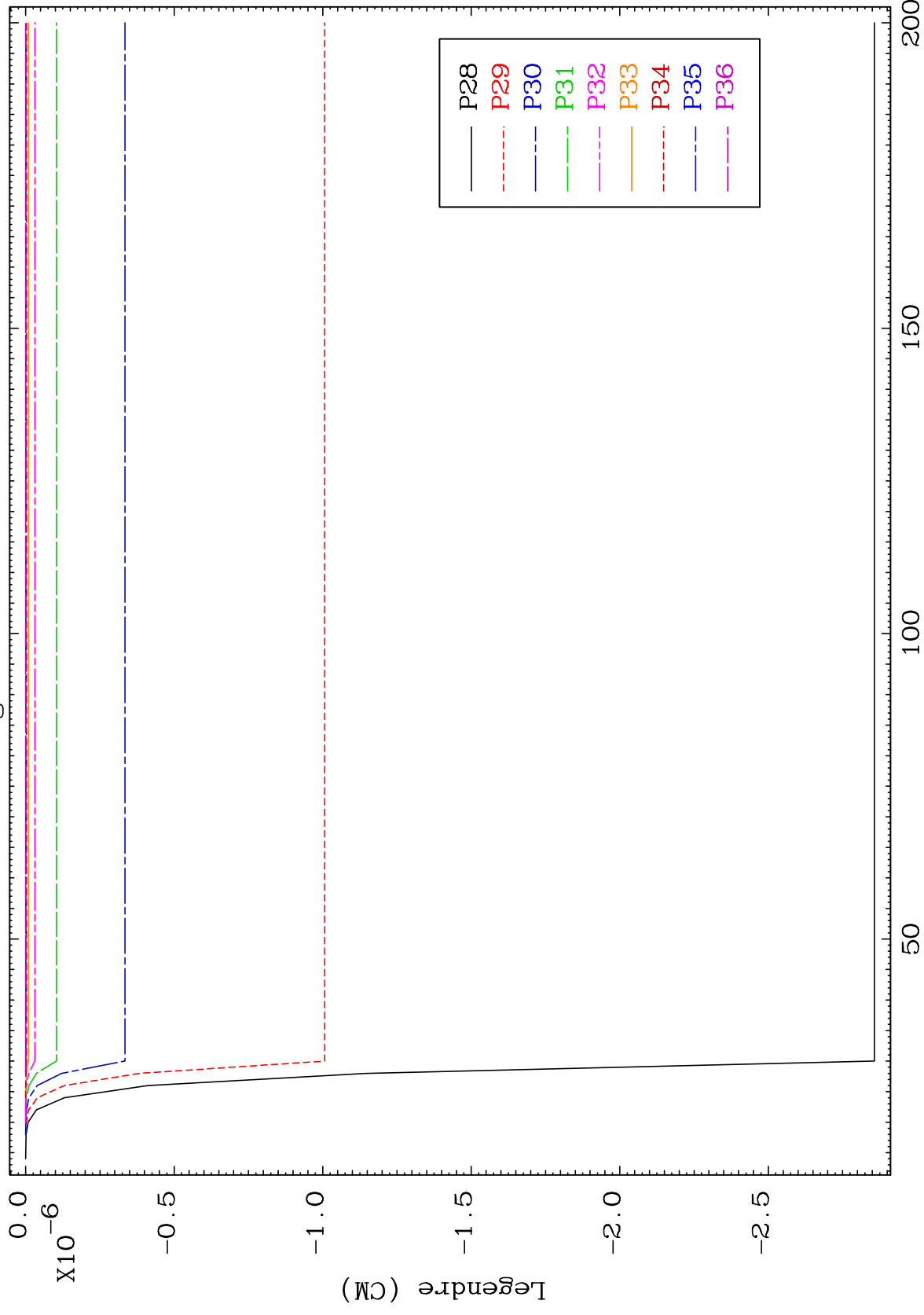


52

Incident Energy (MeV)

51-Sb-126

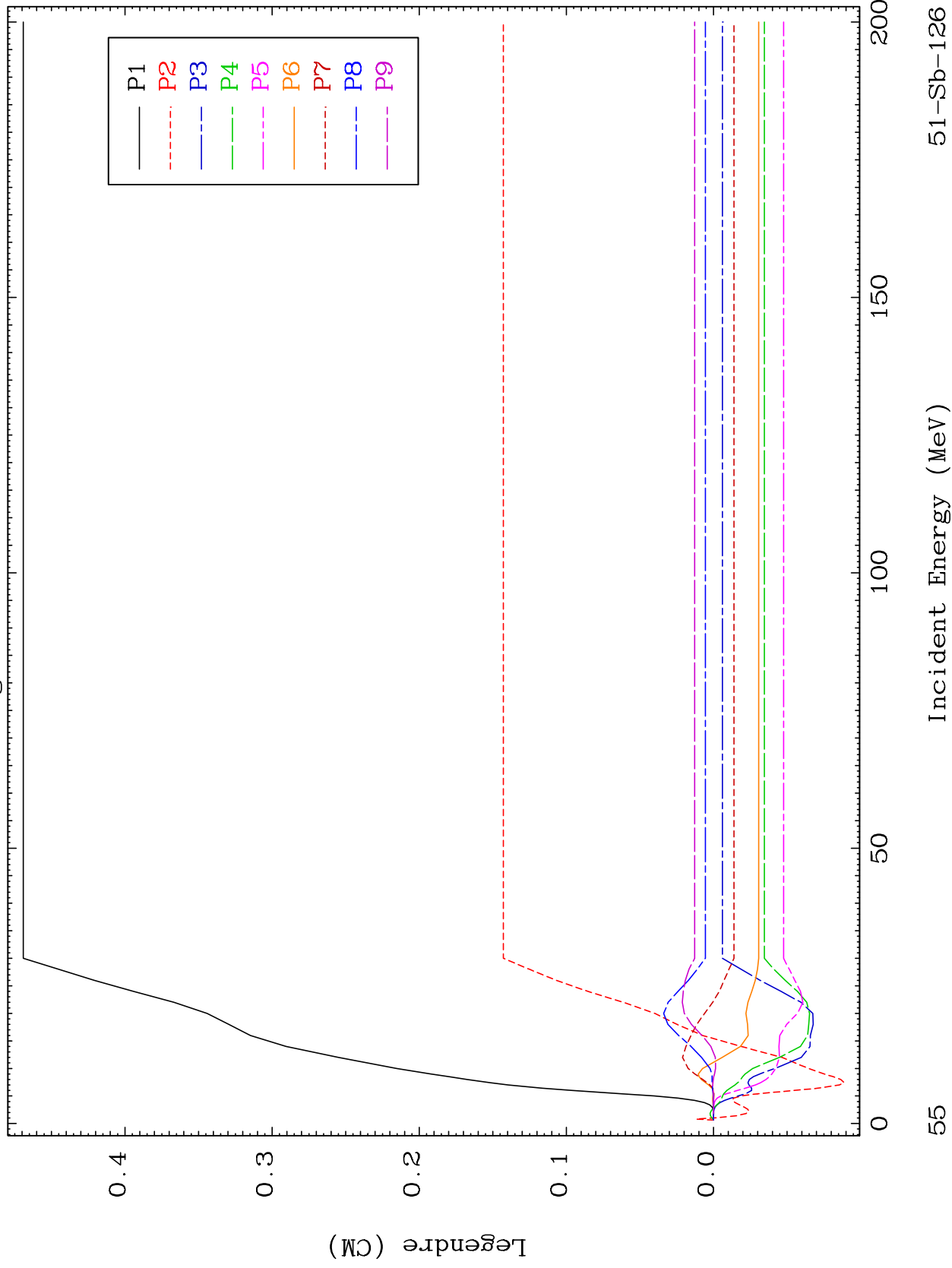




MAT 5140

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

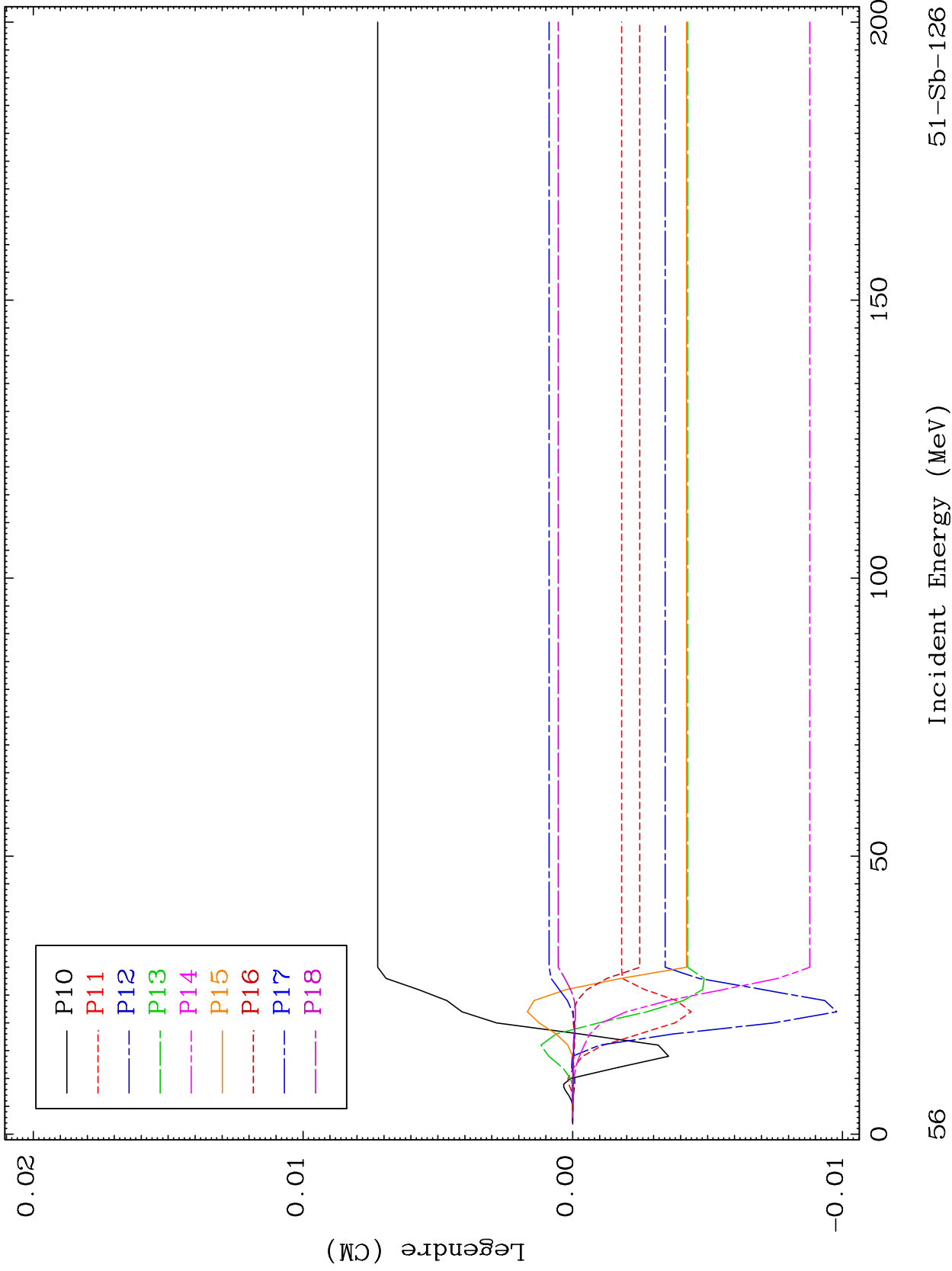
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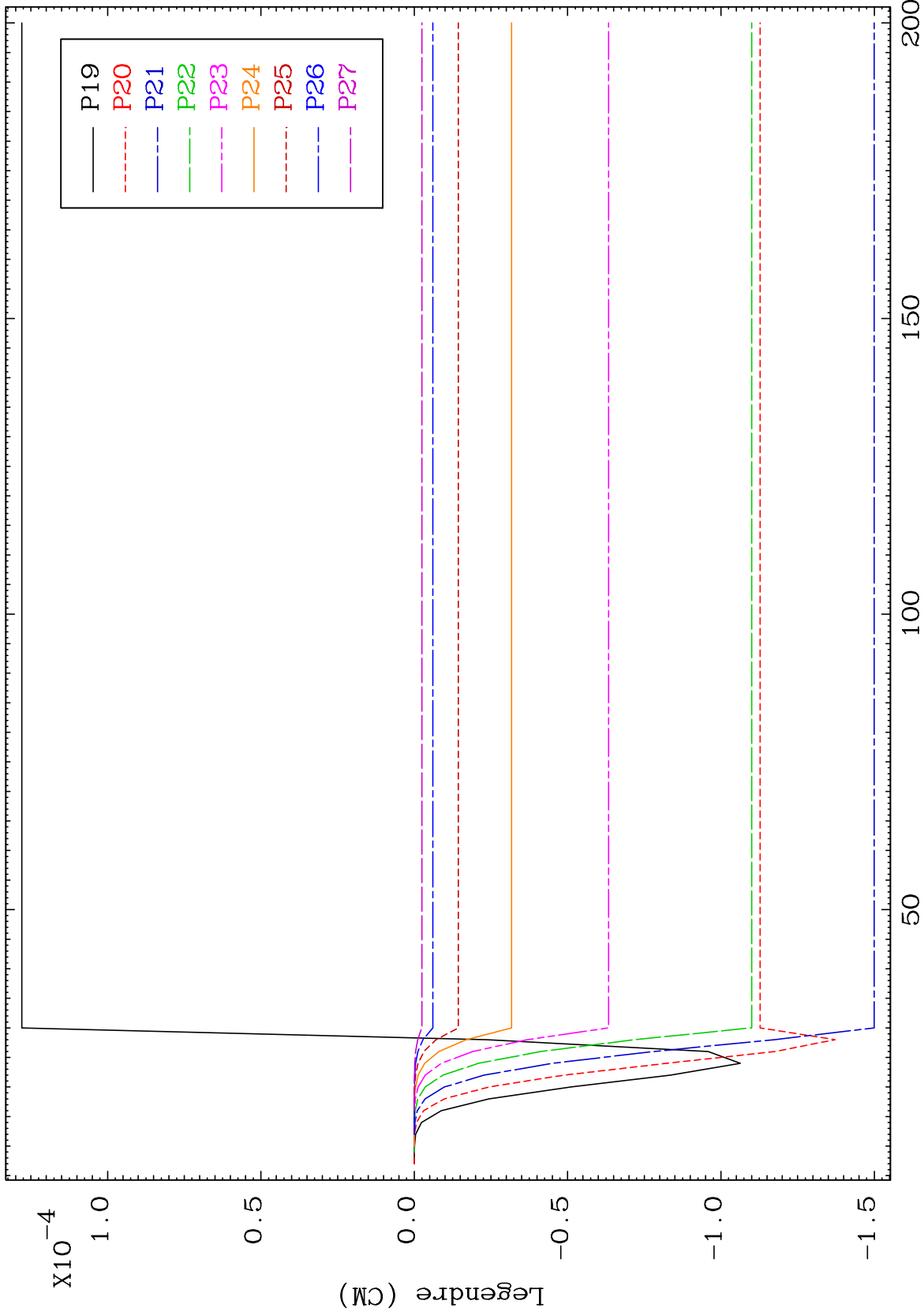


51-Sb-126

Incident Energy (MeV)

55



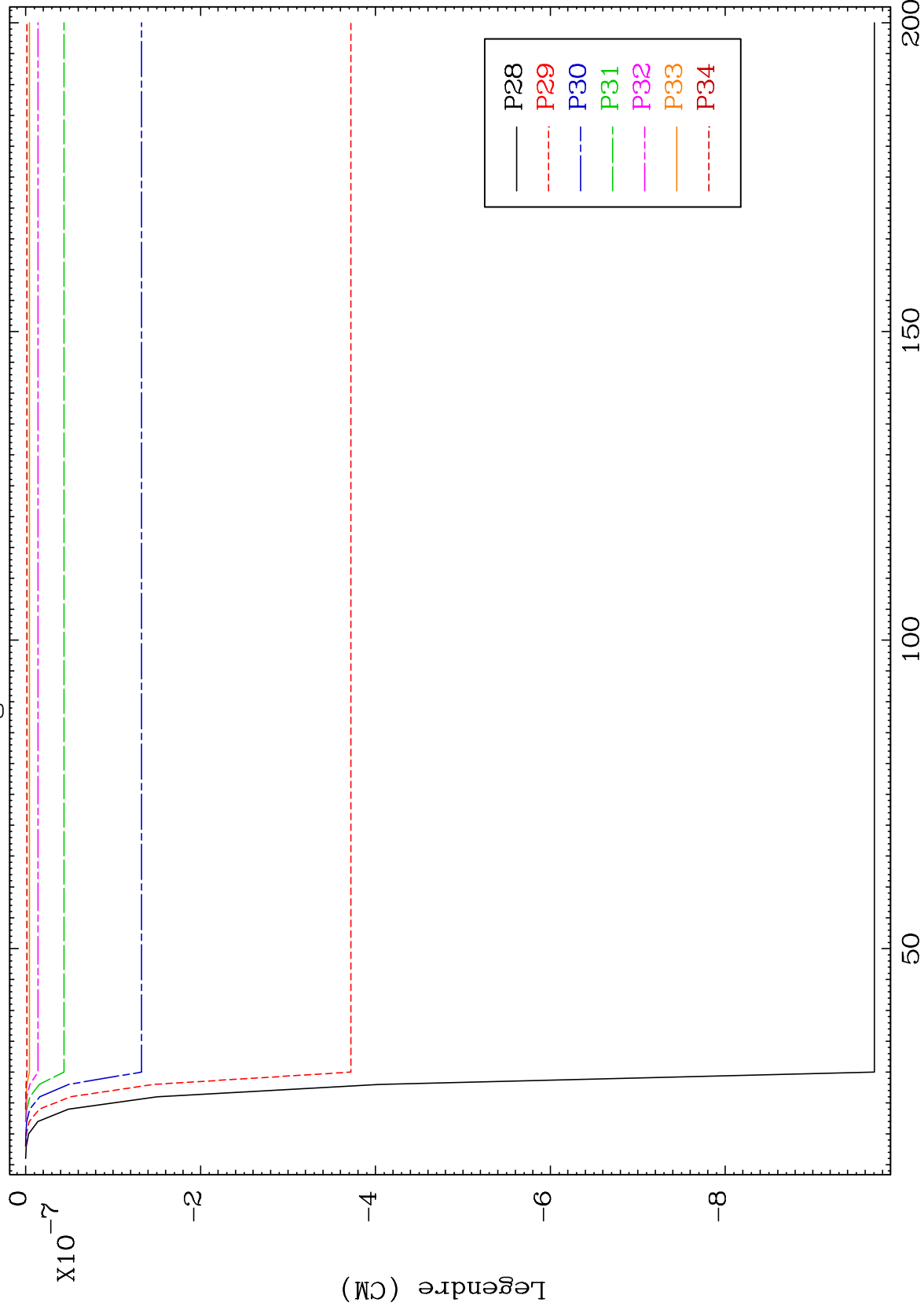


MAT 5140

MT= 61 (n,n') Level

51-Sb-126

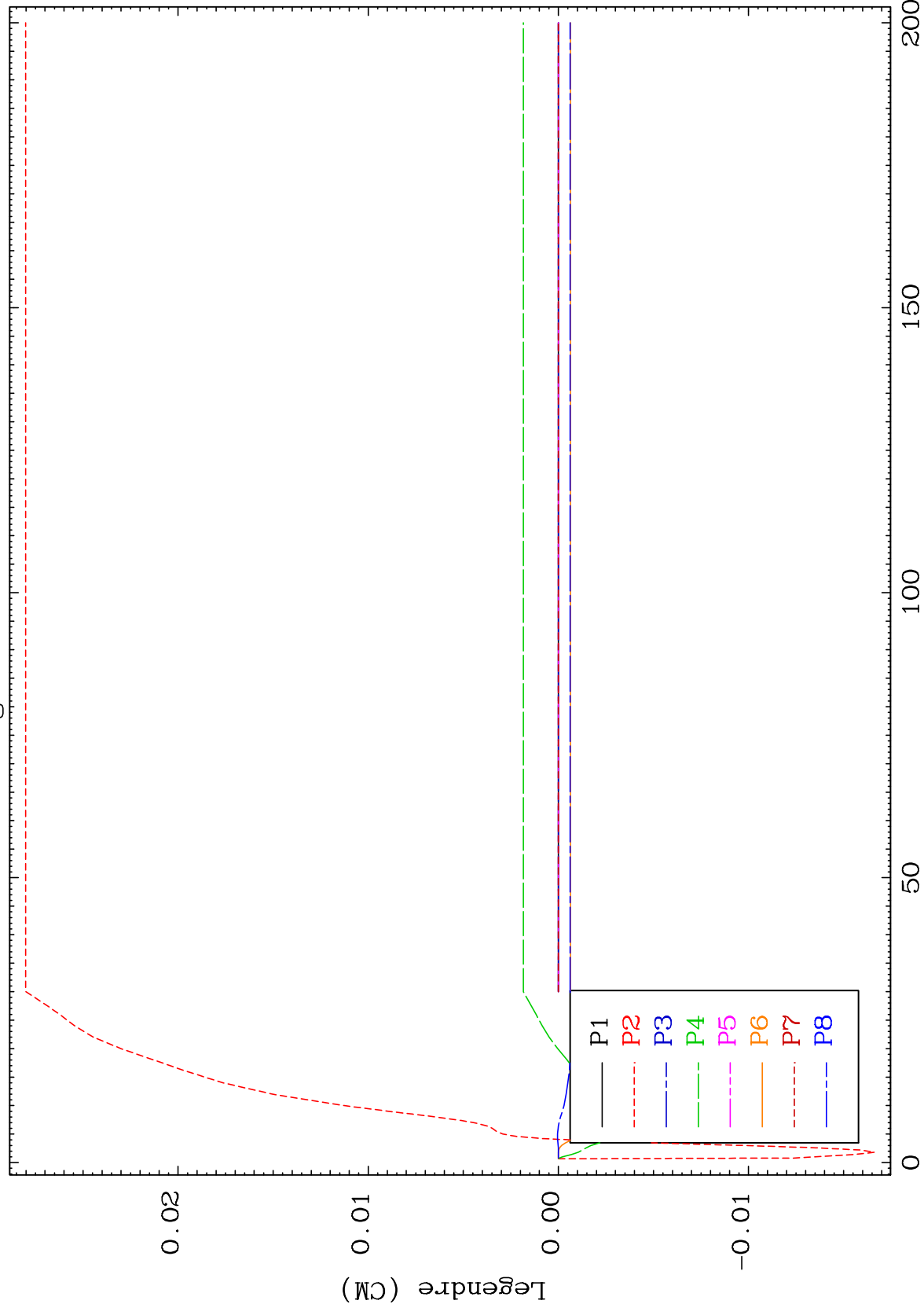
Legendre Coefficients



58

Incident Energy (MeV)

51-Sb-126

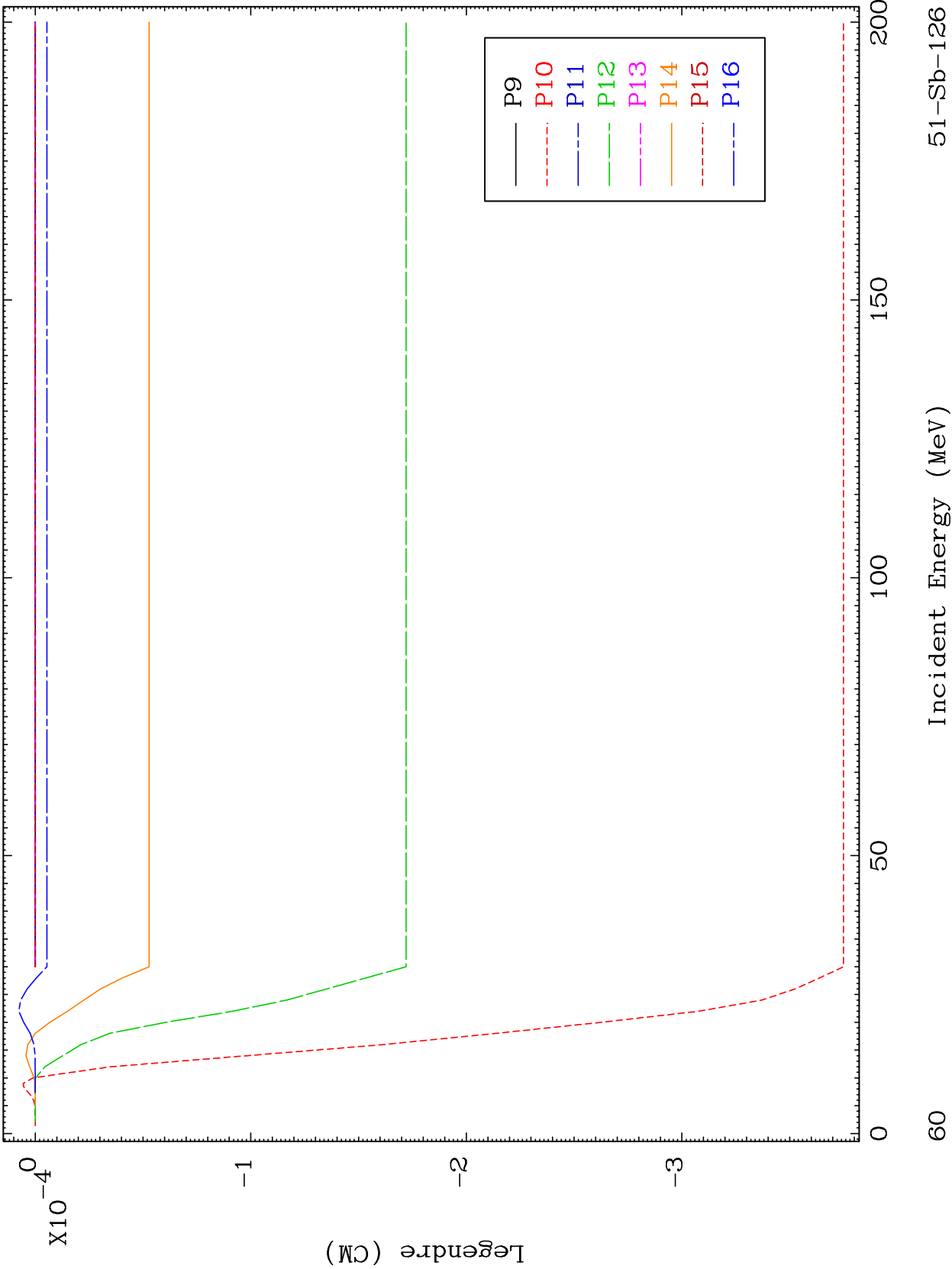


MAT 5140

MT= 62 (n,n') Level

51-Sb-126

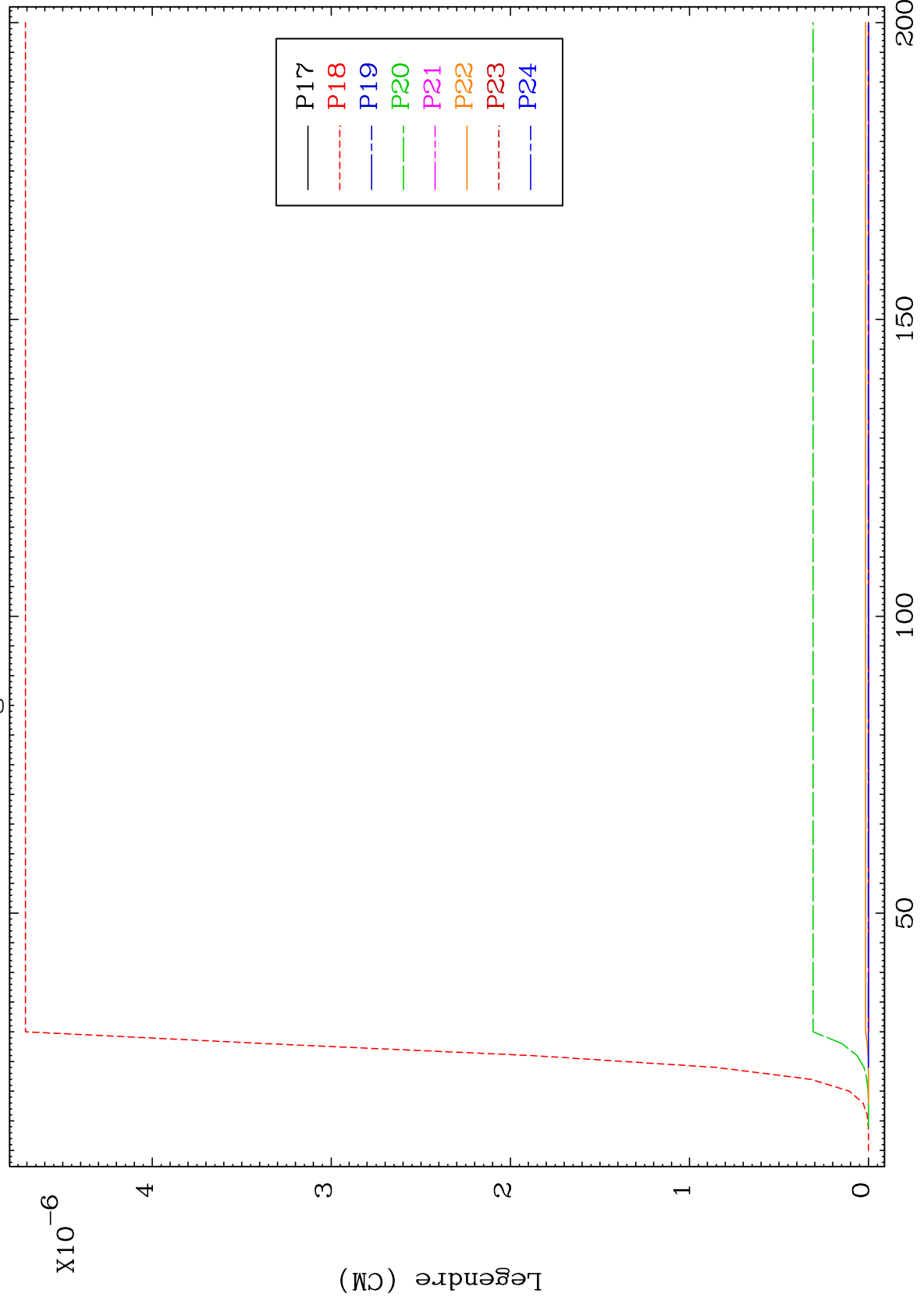
Legendre Coefficients



MAT 5140

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

51-Sb-126



51-Sb-126

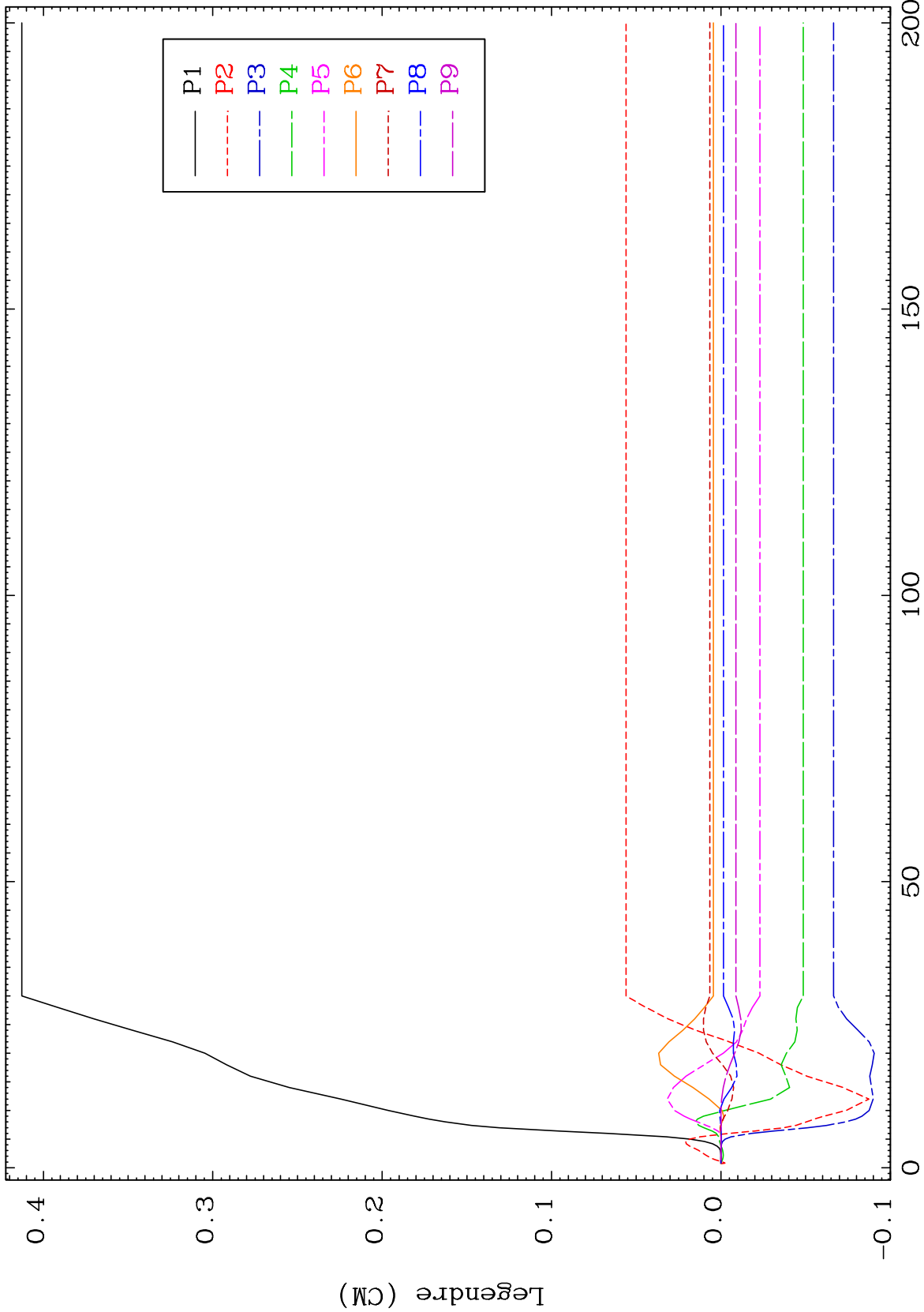
Incident Energy (MeV)

61

MAT 5140

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

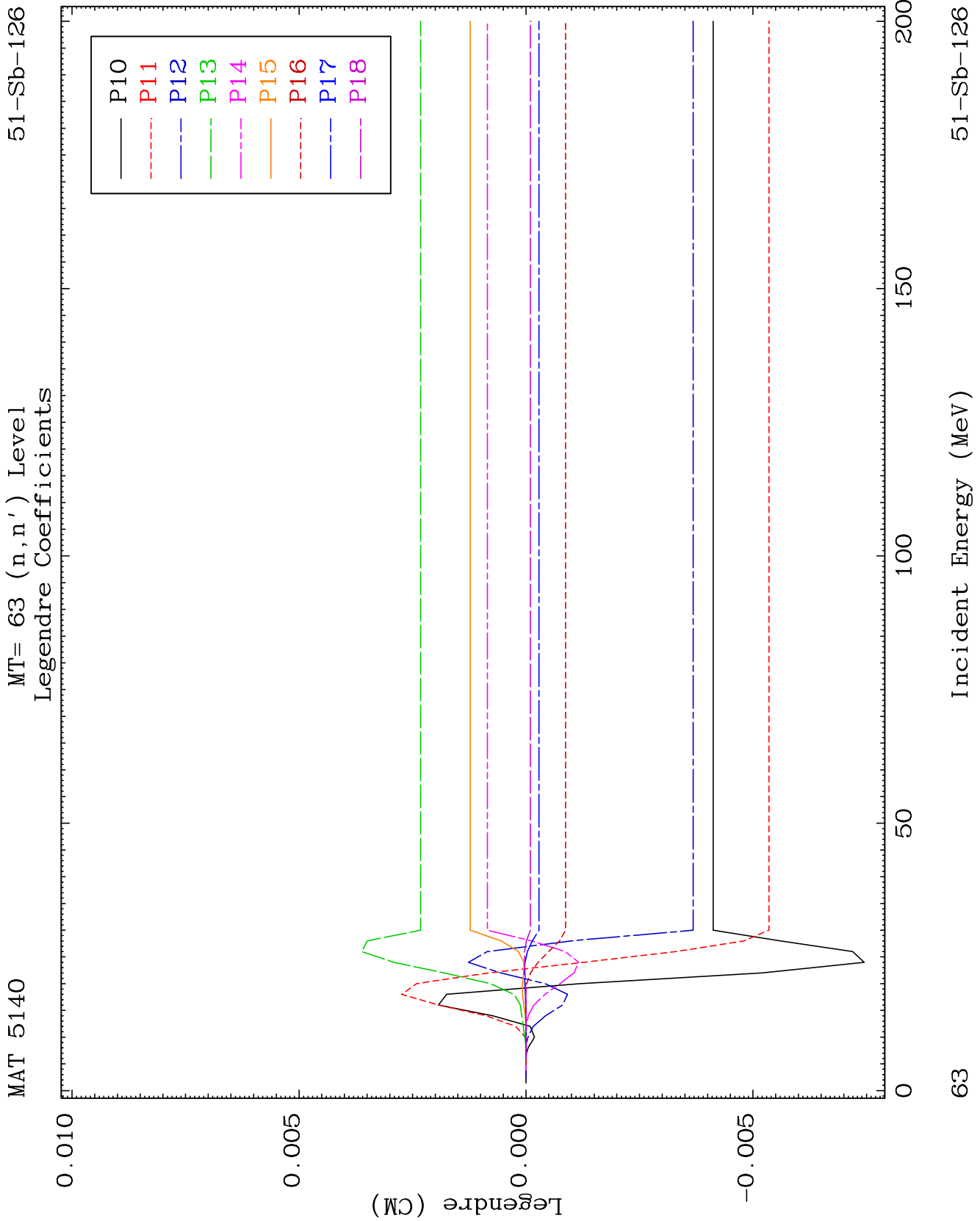
51-Sb-126



62

Incident Energy (MeV)

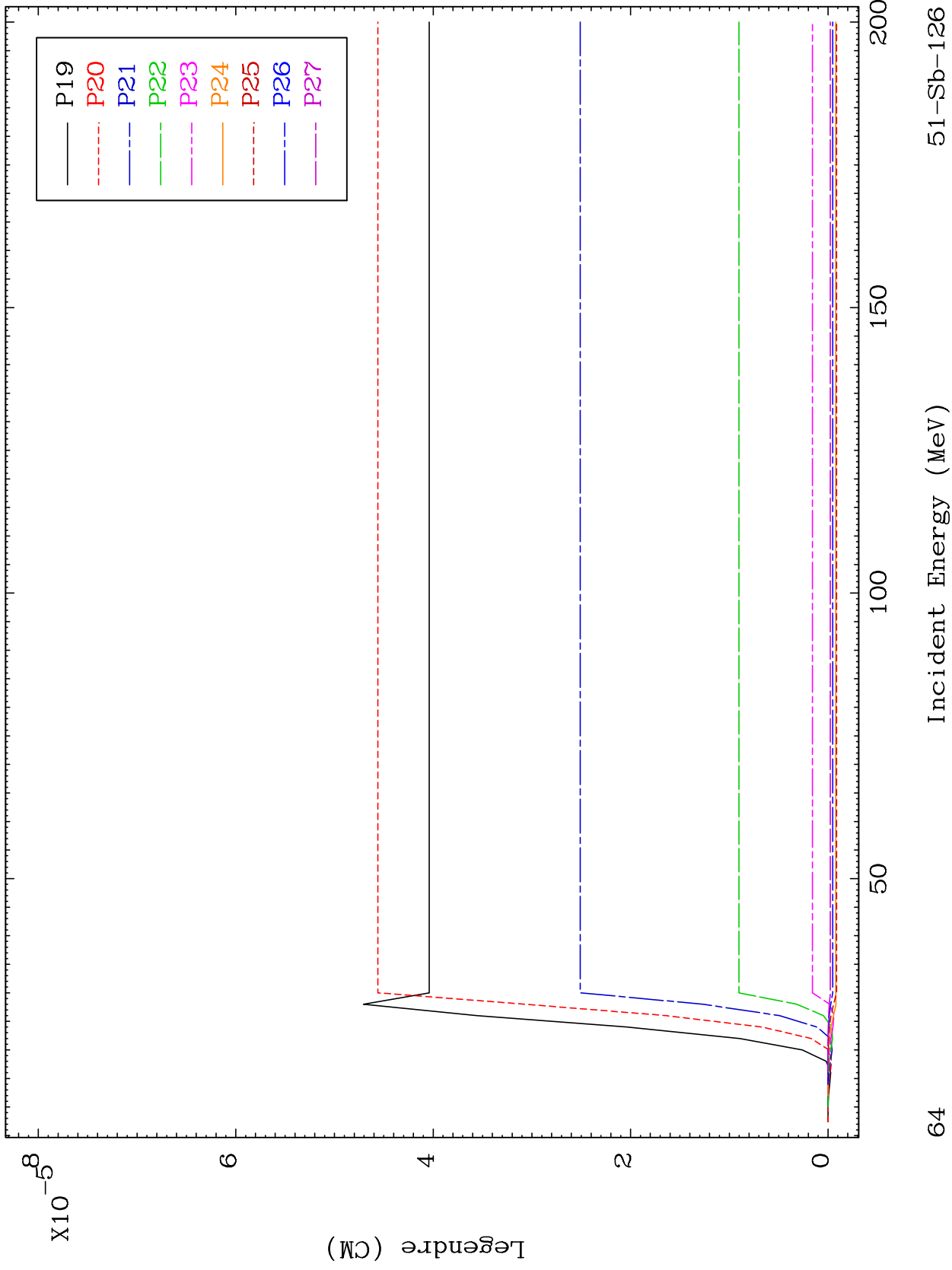
51-Sb-126



MAT 5140

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

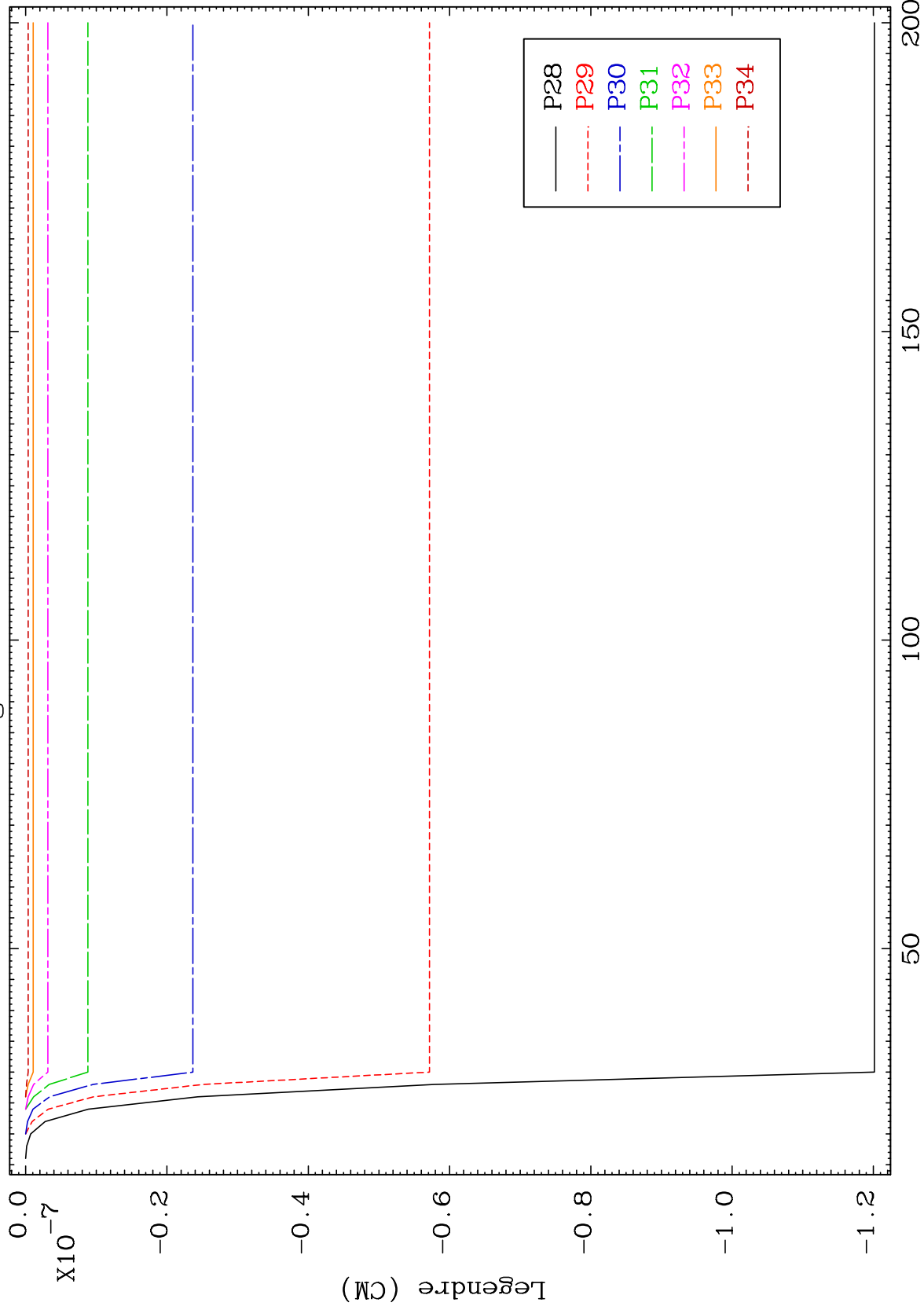
51-Sb-126



MAT 5140

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

51-Sb-126



65

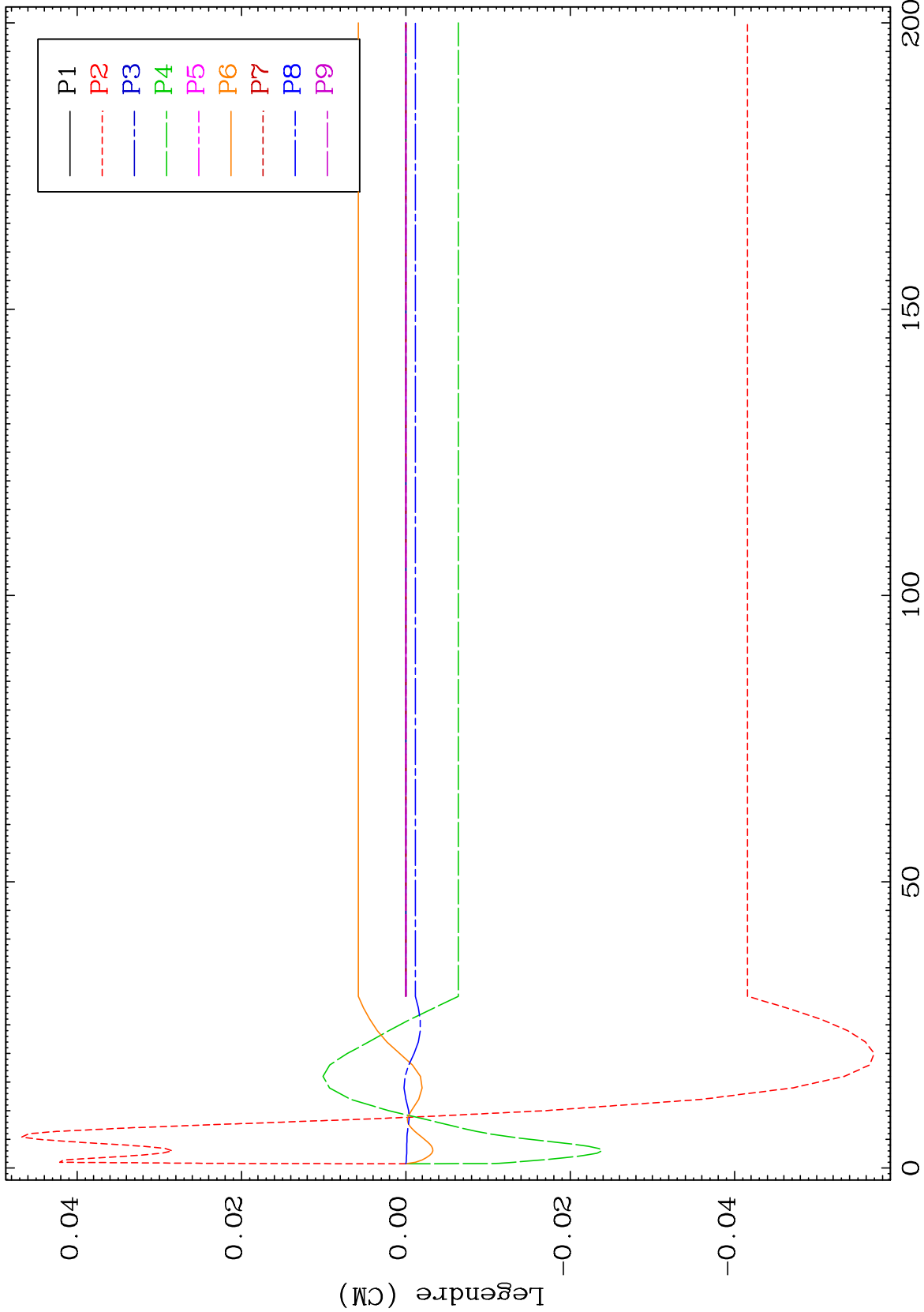
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

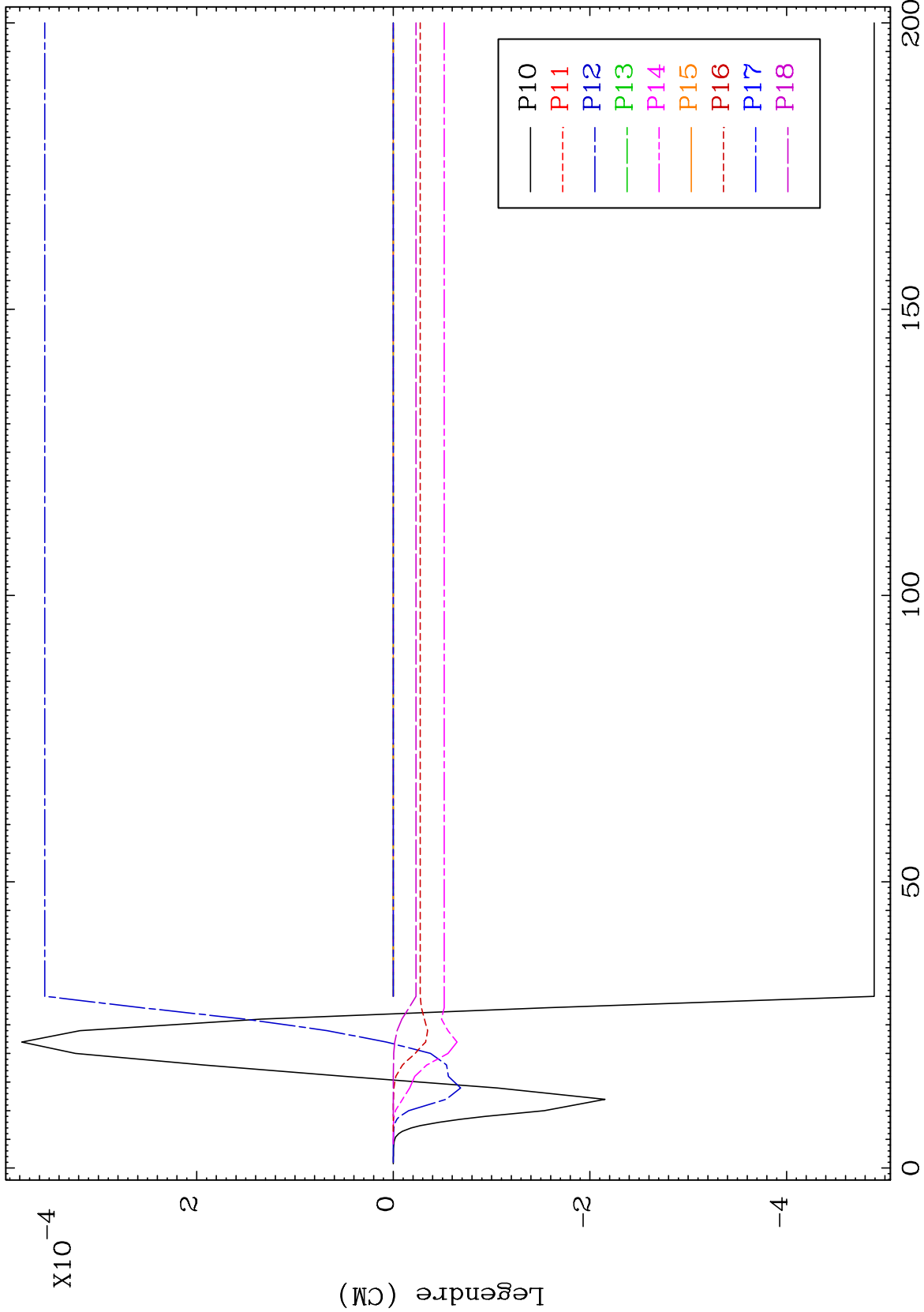
51-Sb-126



66

Incident Energy (MeV)

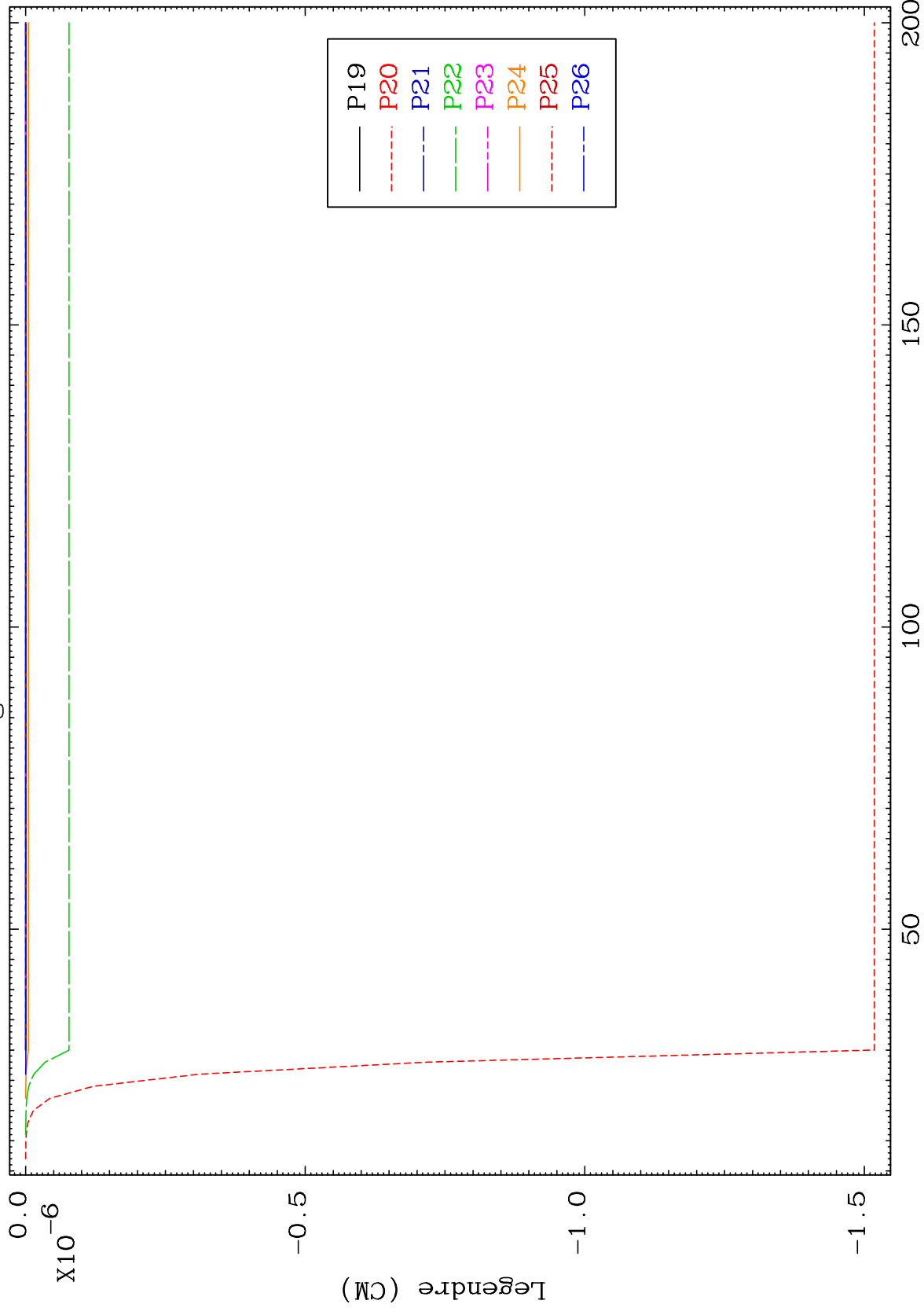
51-Sb-126



MAT 5140

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

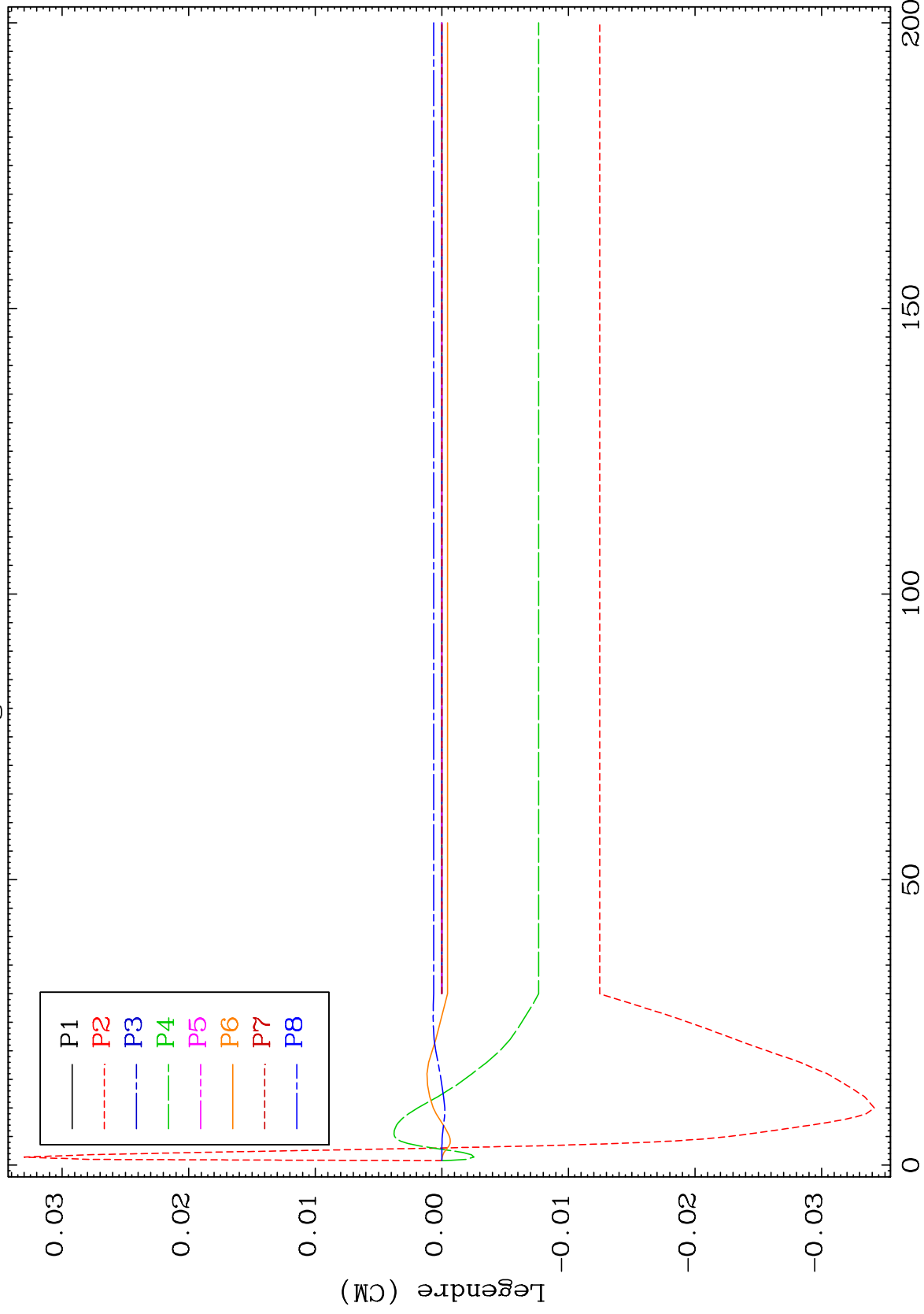
51-Sb-126



MAT 5140

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

51-Sb-126



69

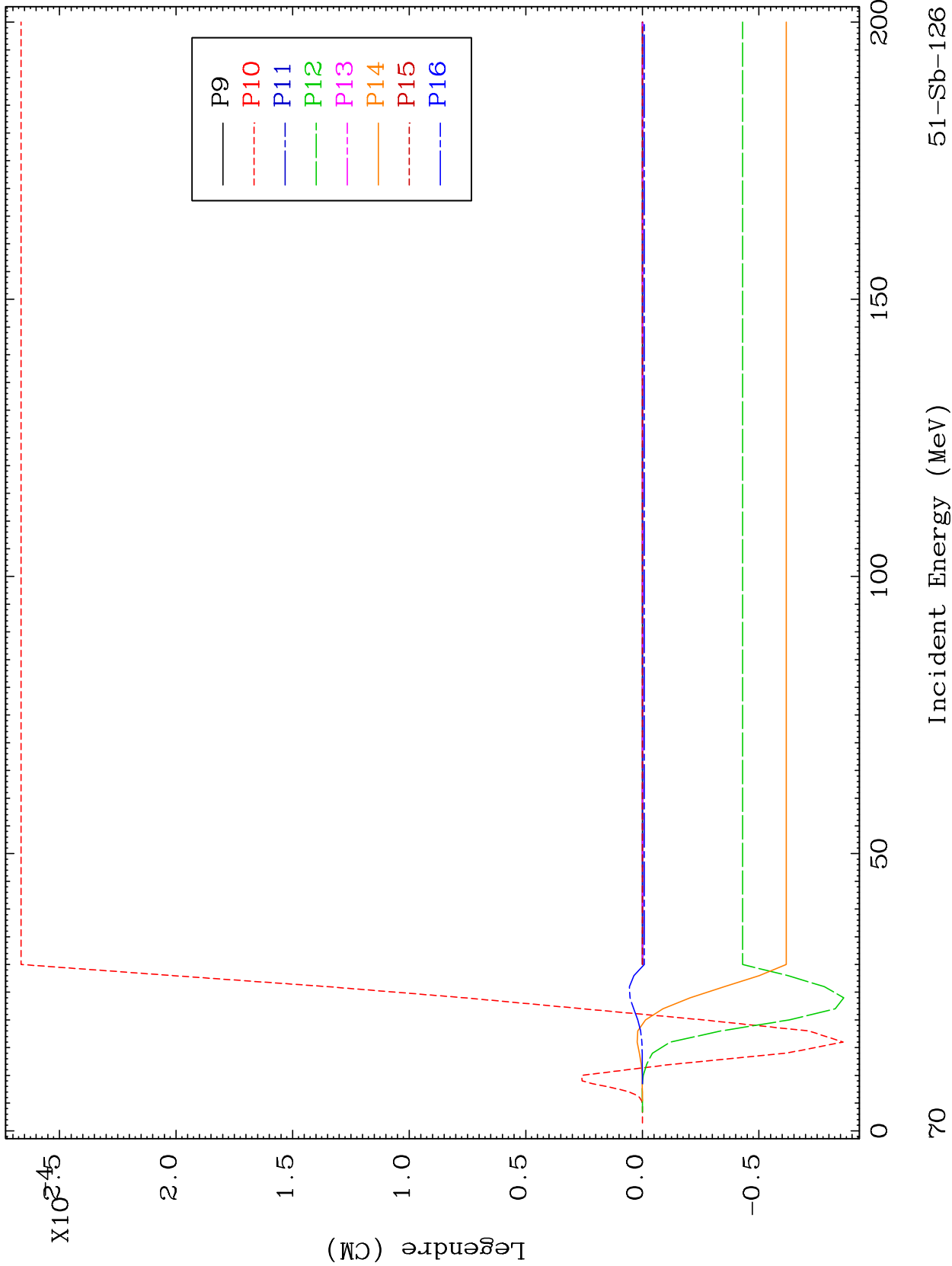
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126

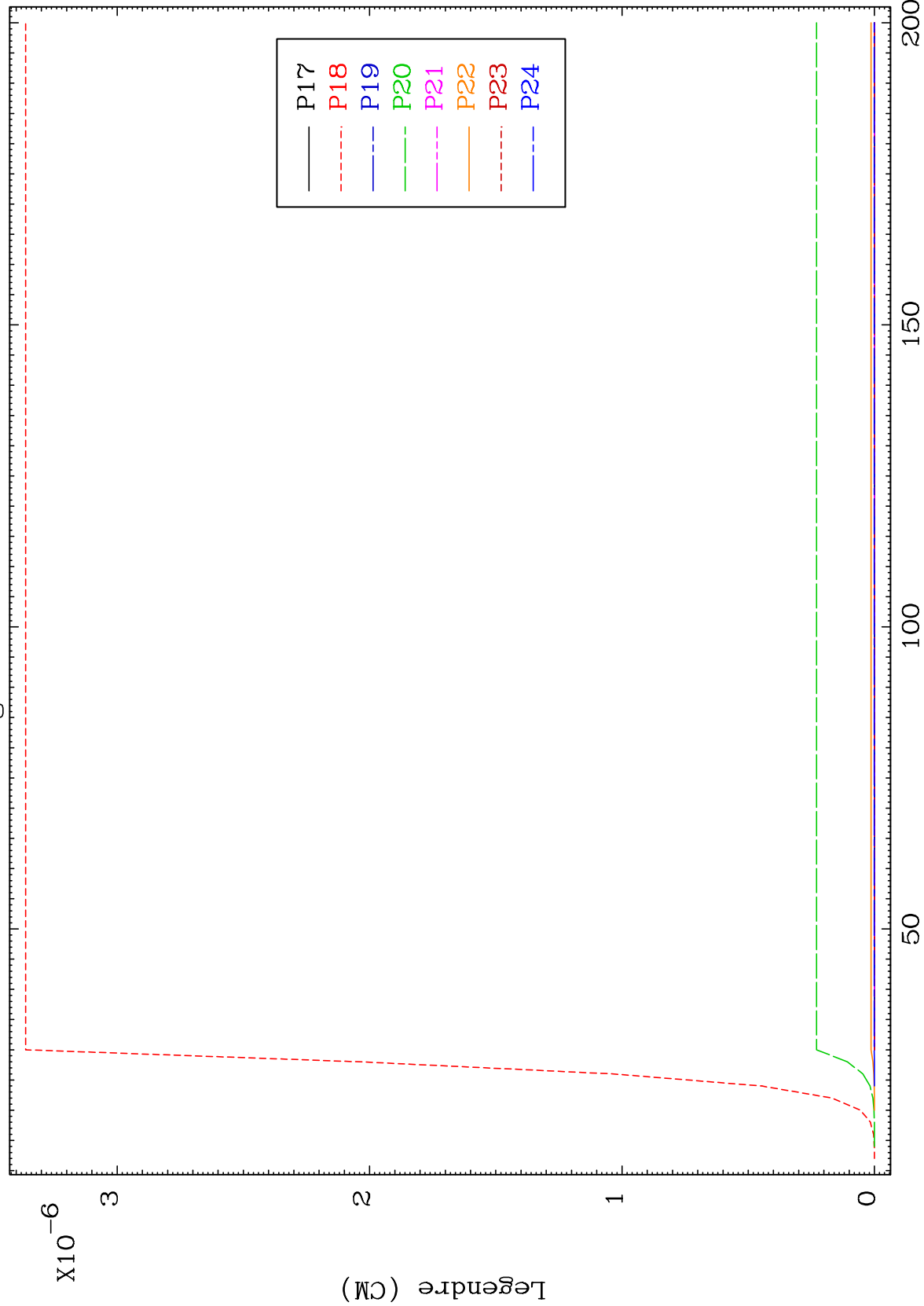


51-Sb-126

MAT 5140

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

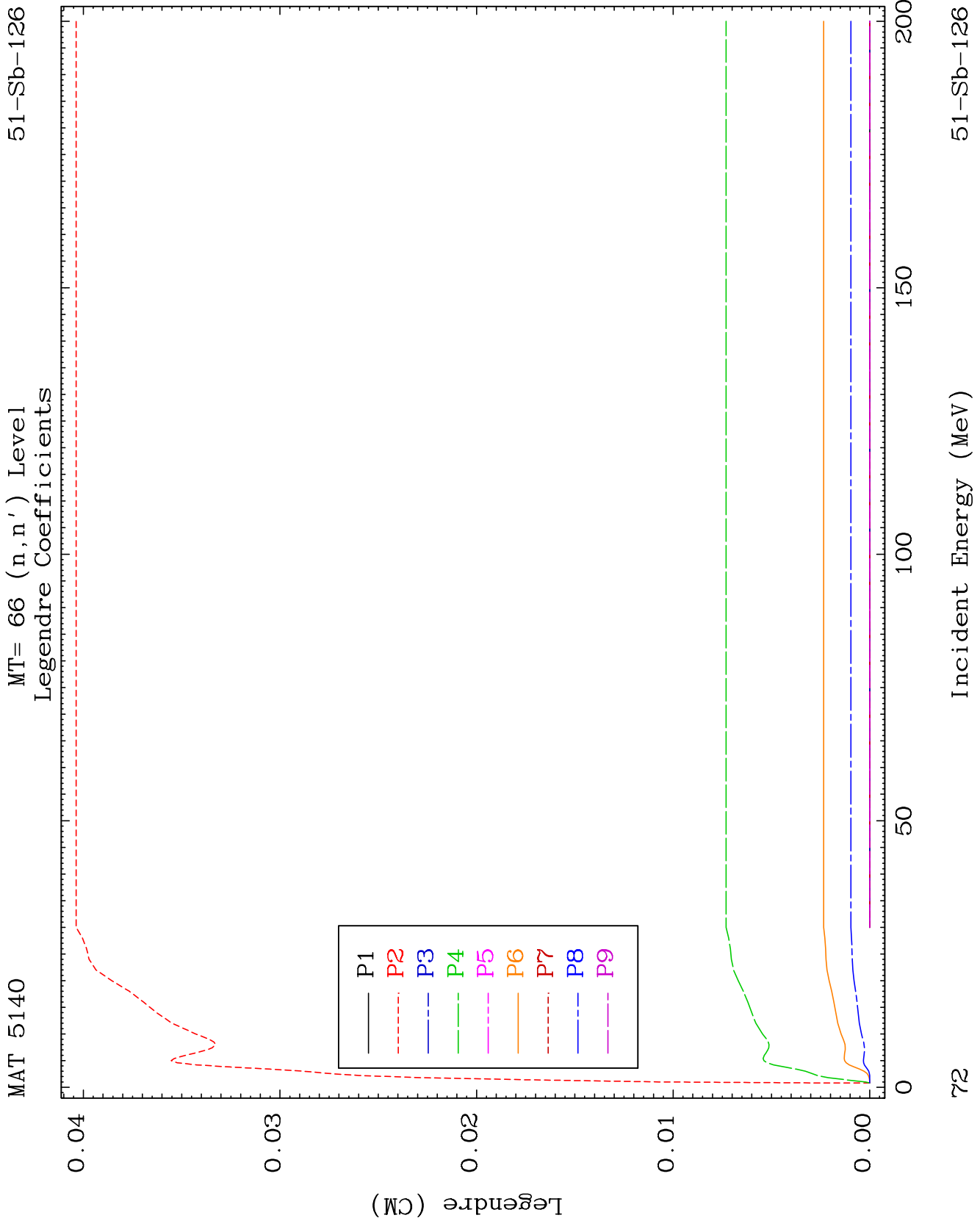
51-Sb-126



51-Sb-126

Incident Energy (MeV)

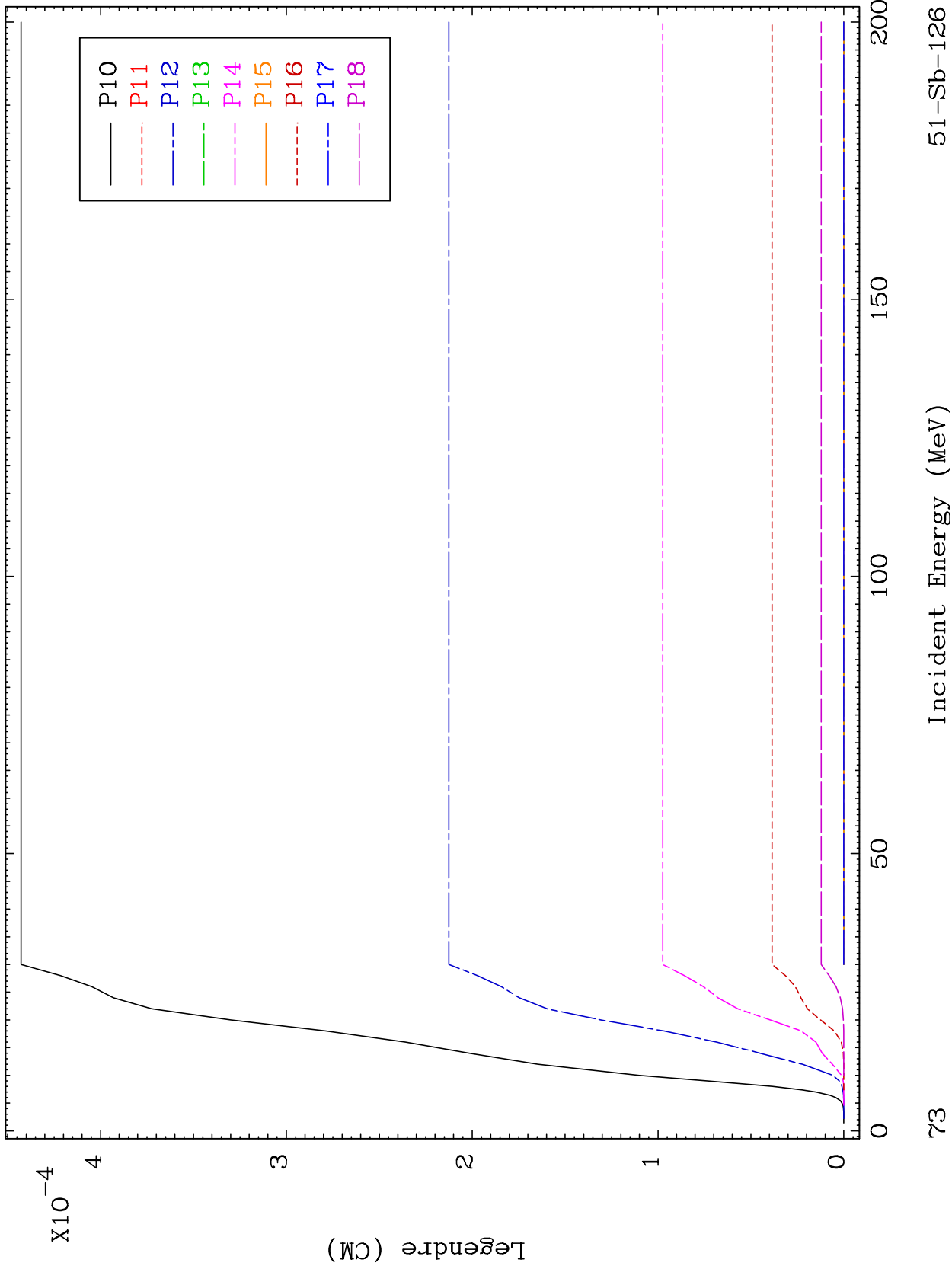
71



MAT 5140

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

51-Sb-126



51-Sb-126

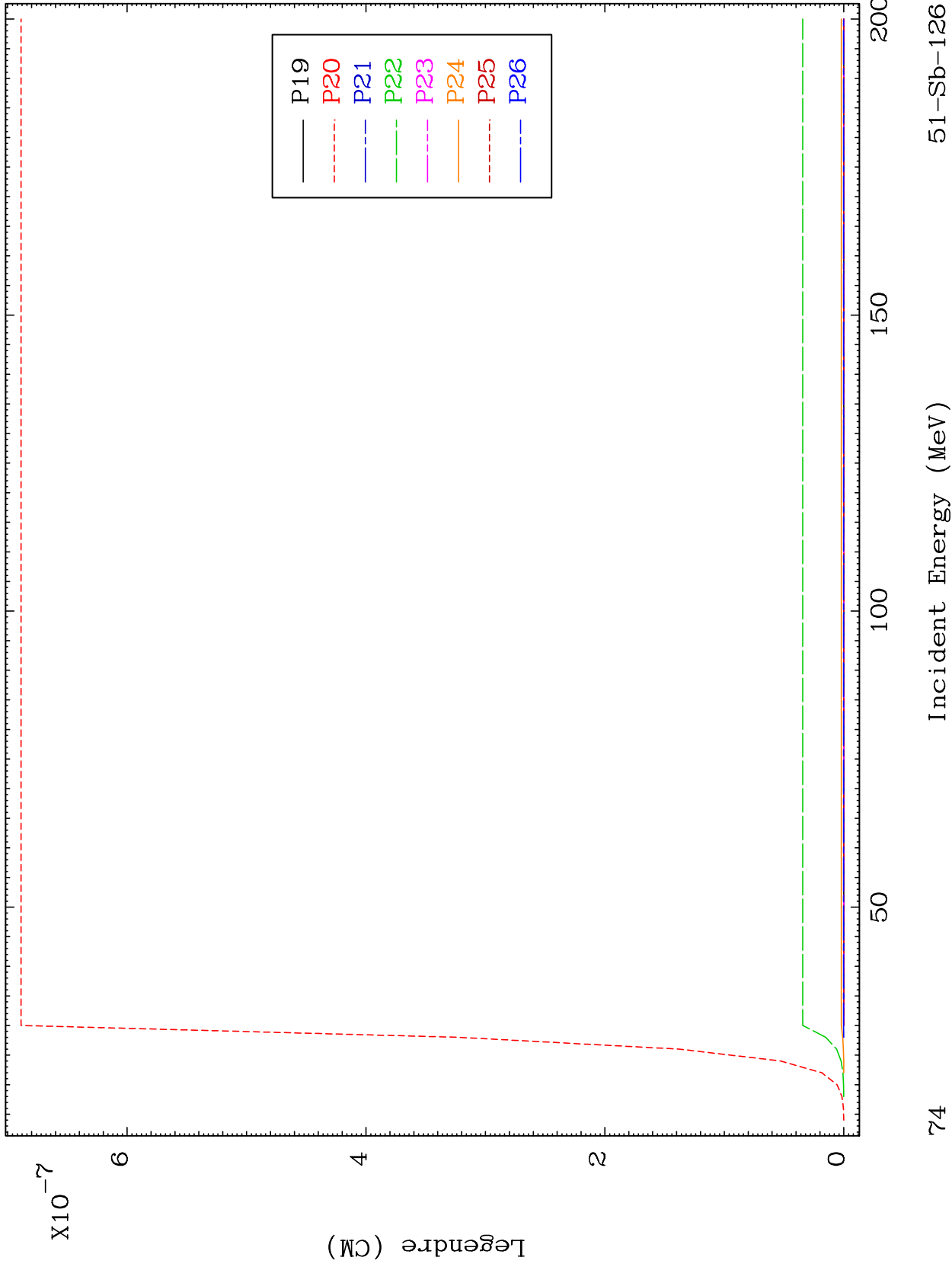
Incident Energy (MeV)

73

MAT 5140

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

51-Sb-126



74

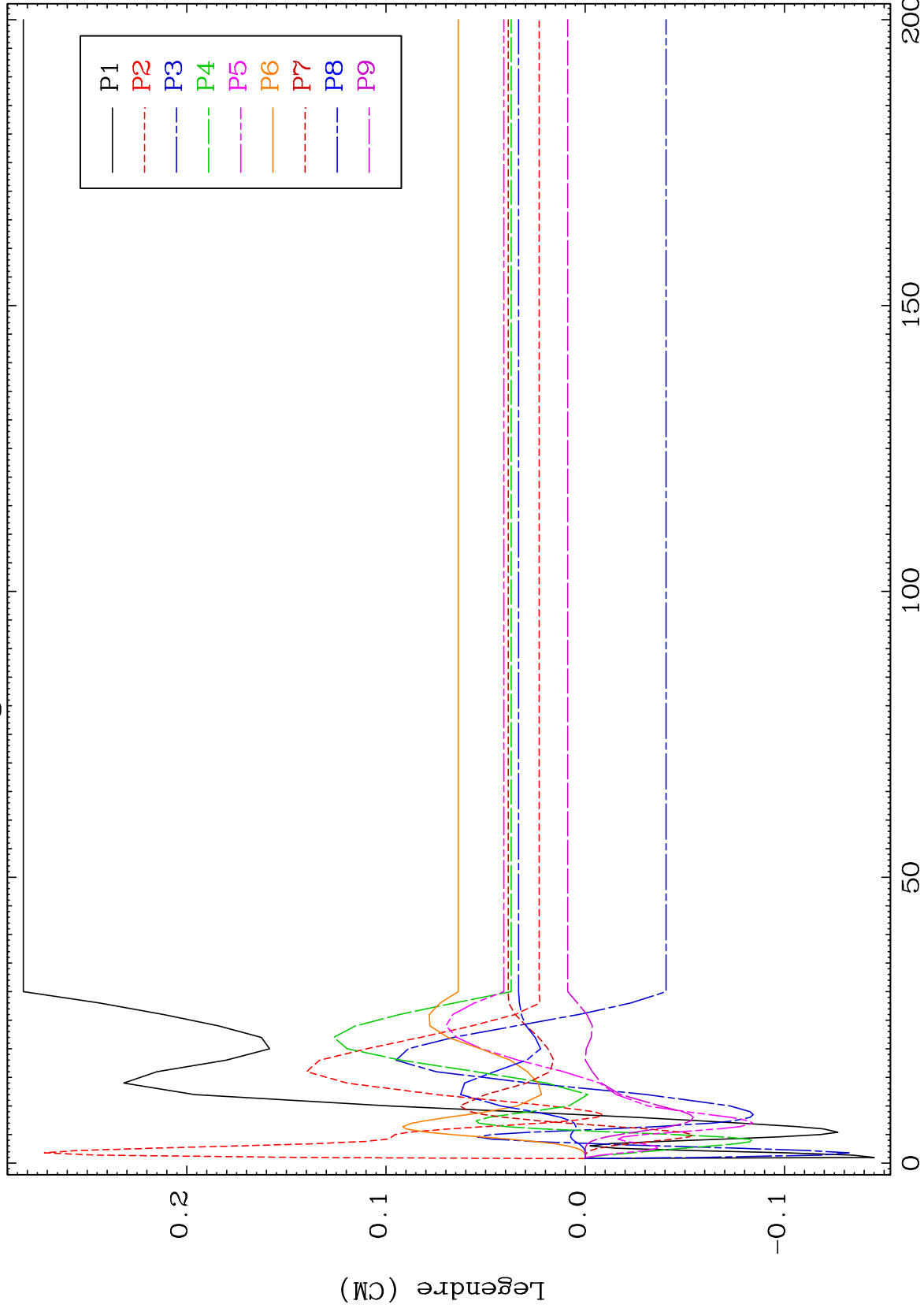
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126



51-Sb-126

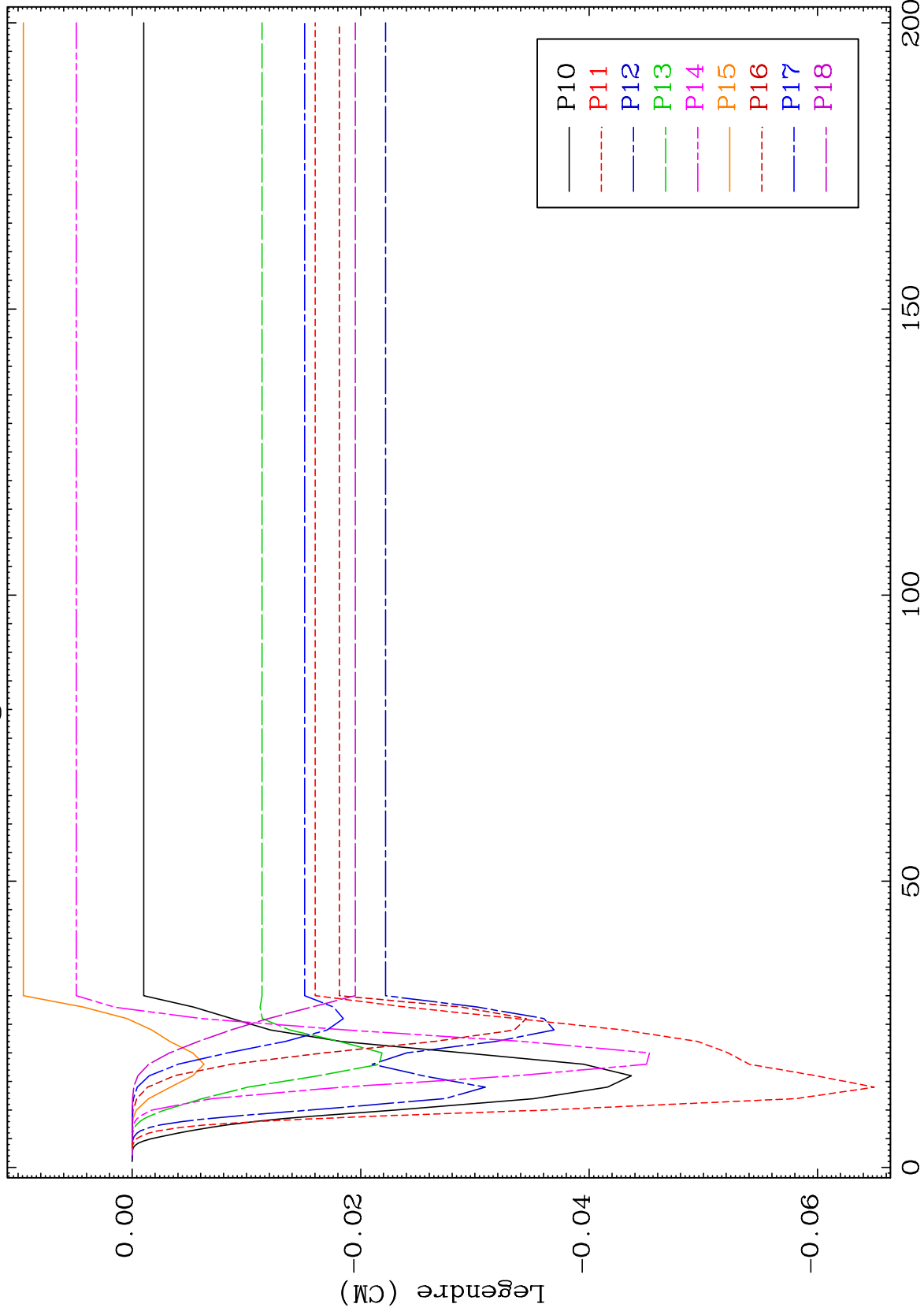
Incident Energy (MeV)

75

MAT 5140

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

51-Sb-126



76

Incident Energy (MeV)

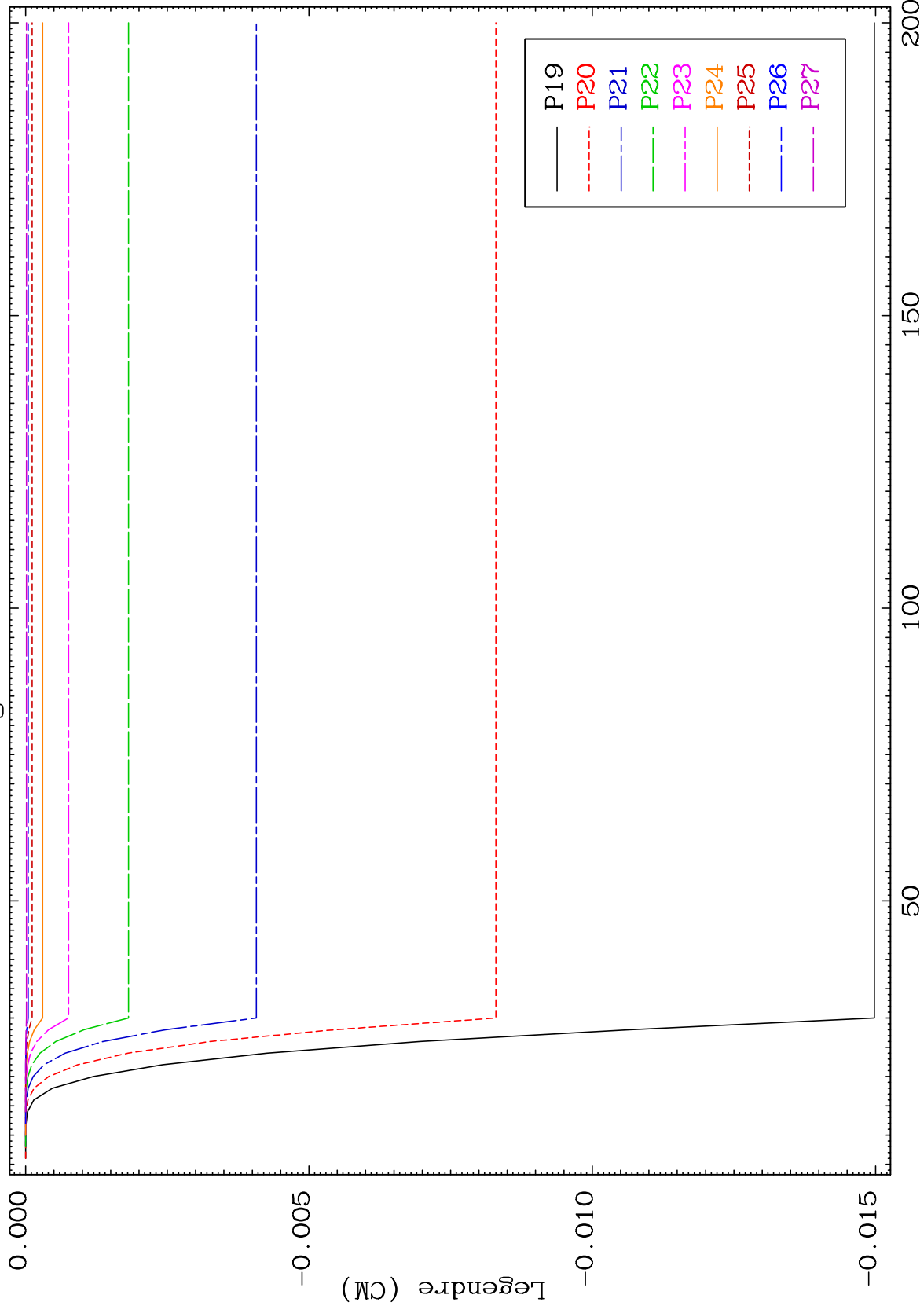
51-Sb-126

MAT 5140

MT= 67 (n,n') Level

51-Sb-126

Legendre Coefficients



51-Sb-126

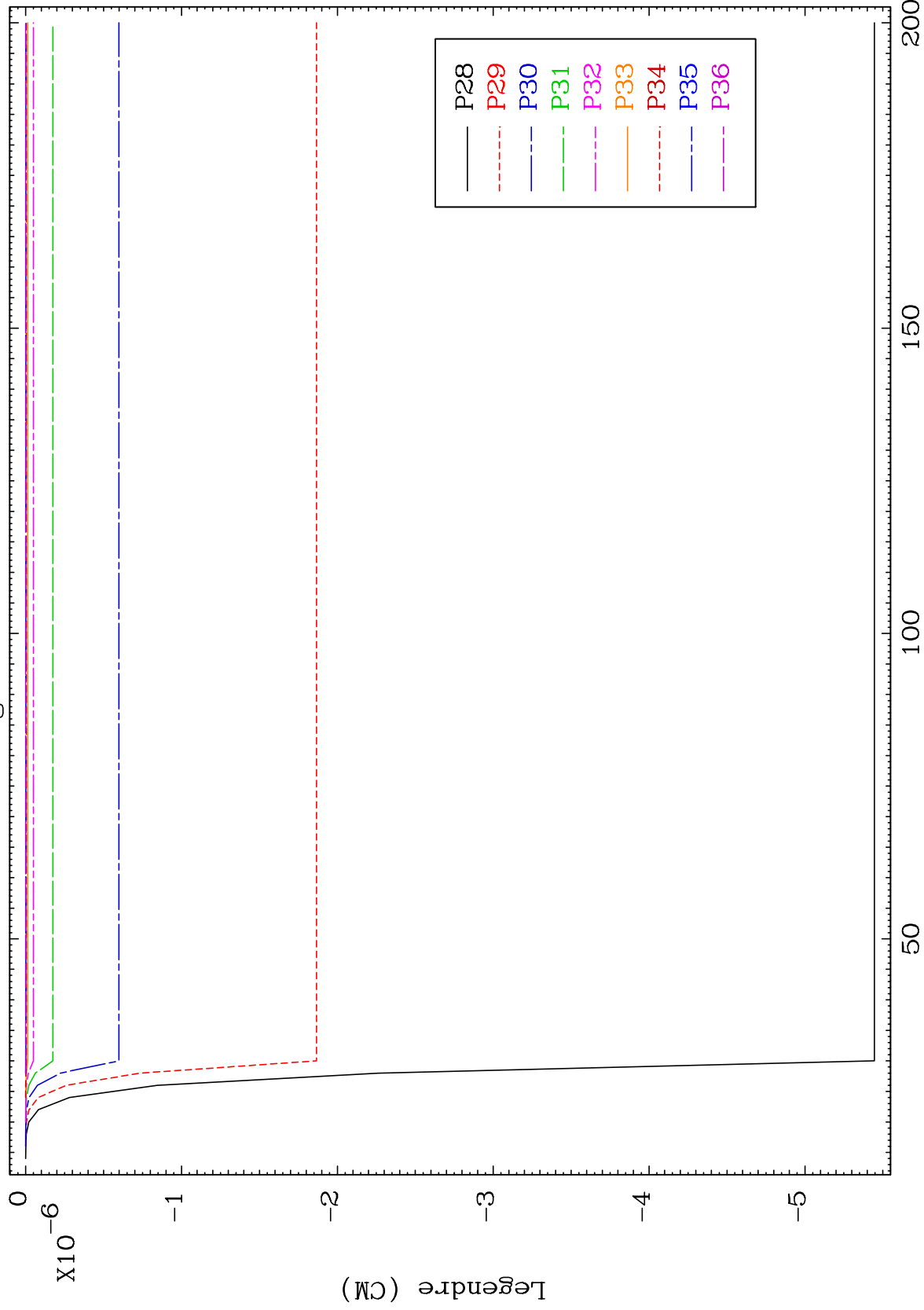
Incident Energy (MeV)

77

MAT 5140

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

51-Sb-126



78

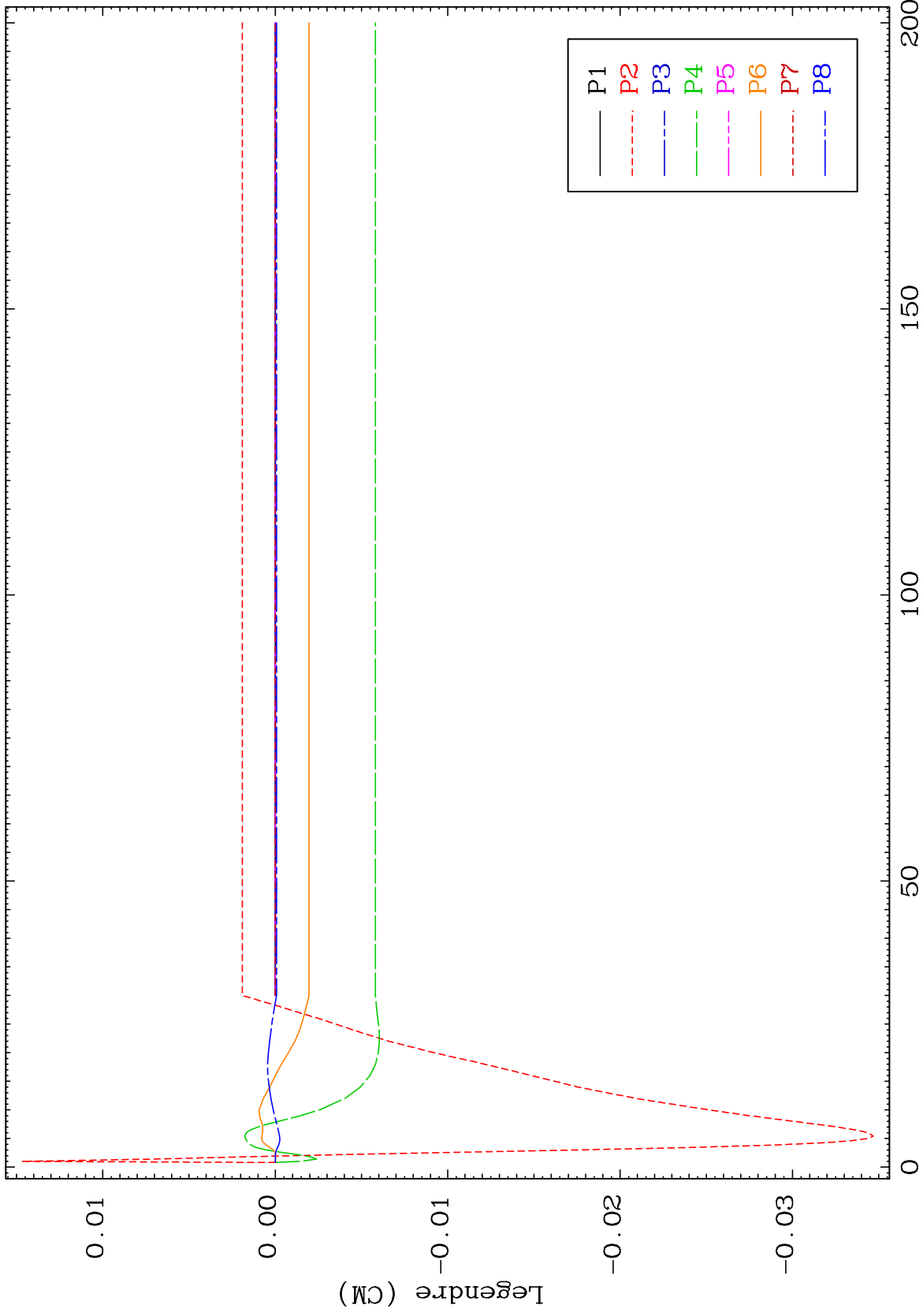
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126



79

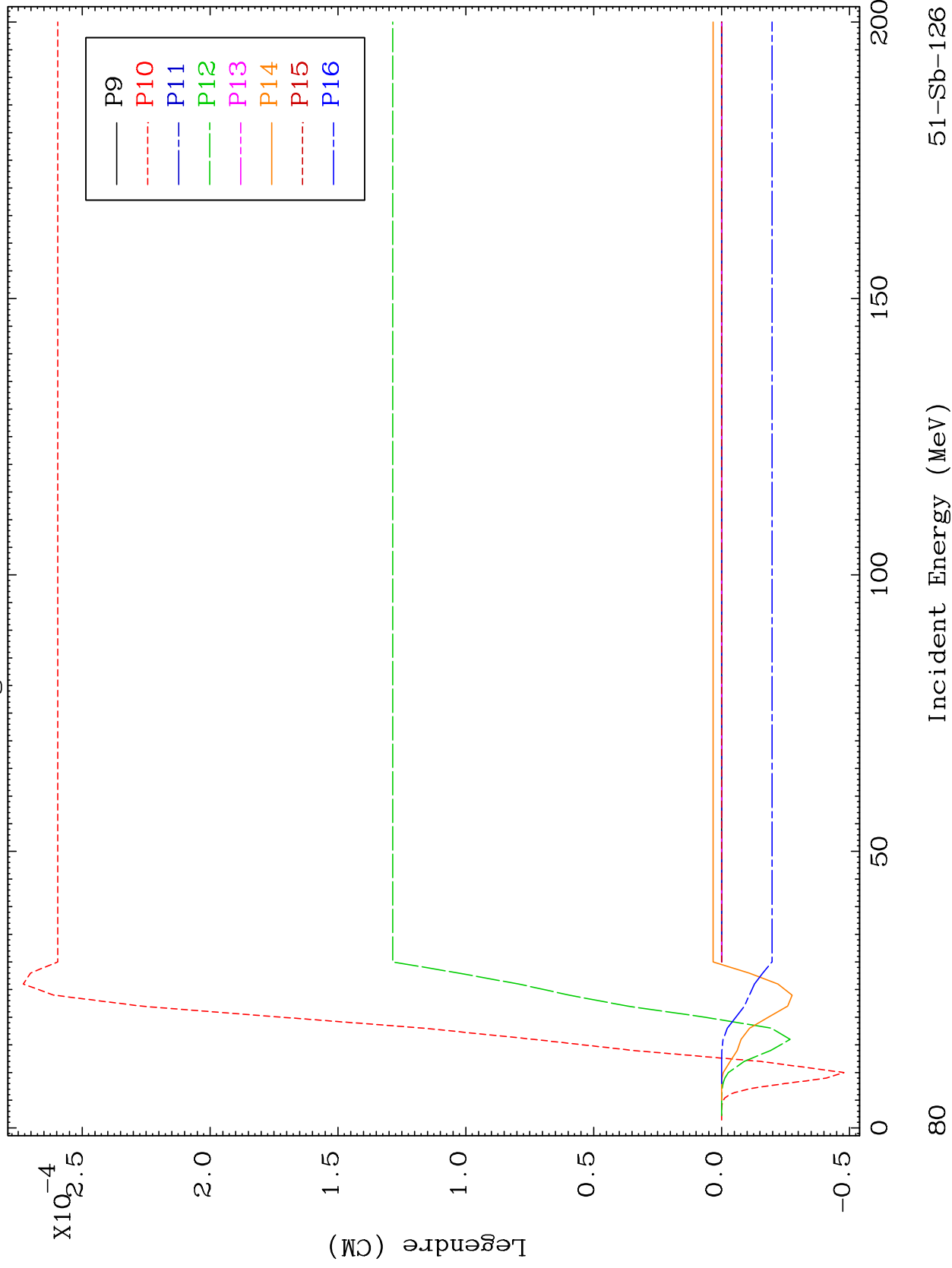
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126

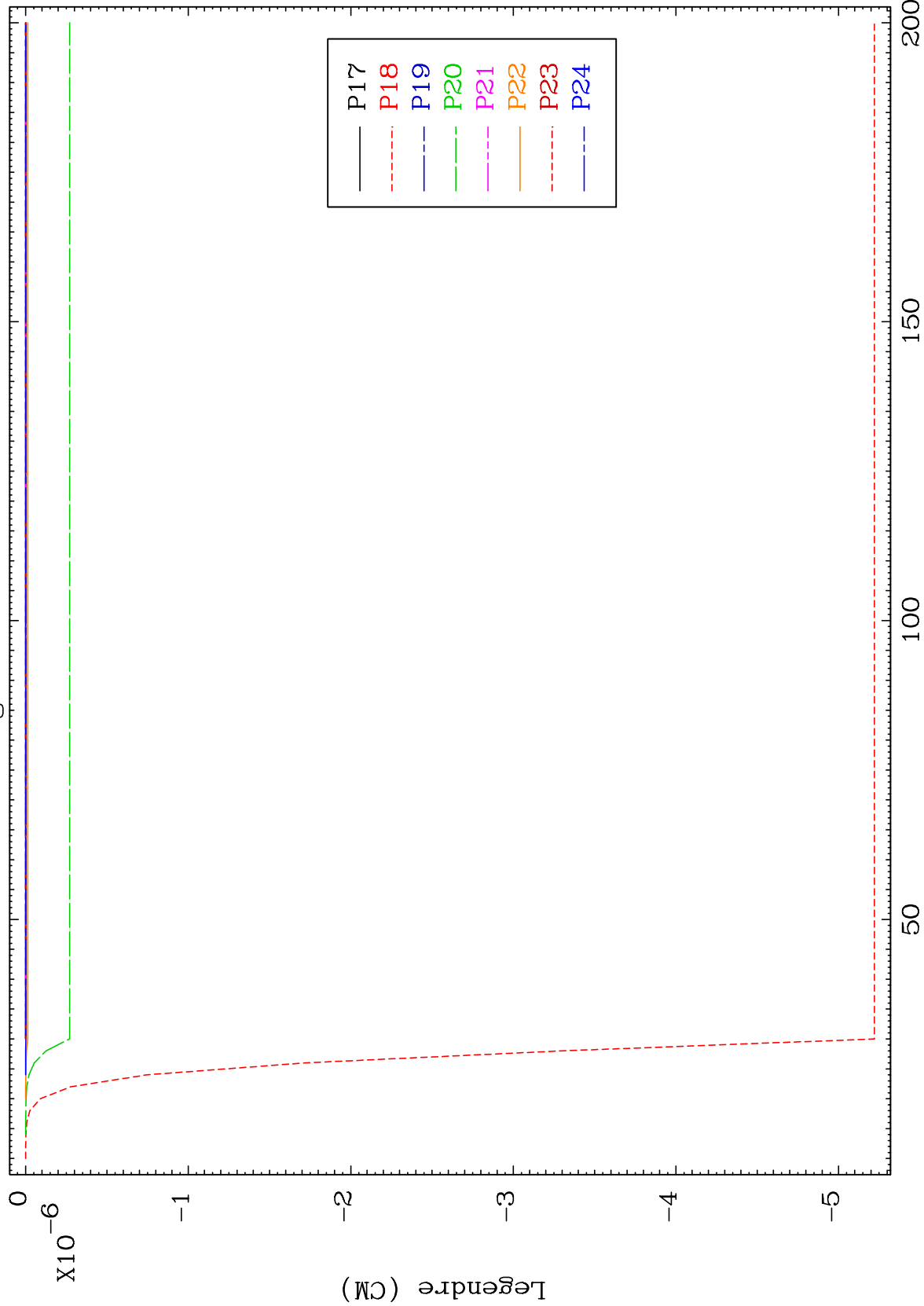


51-Sb-126

MAT 5140

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

51-Sb-126



81

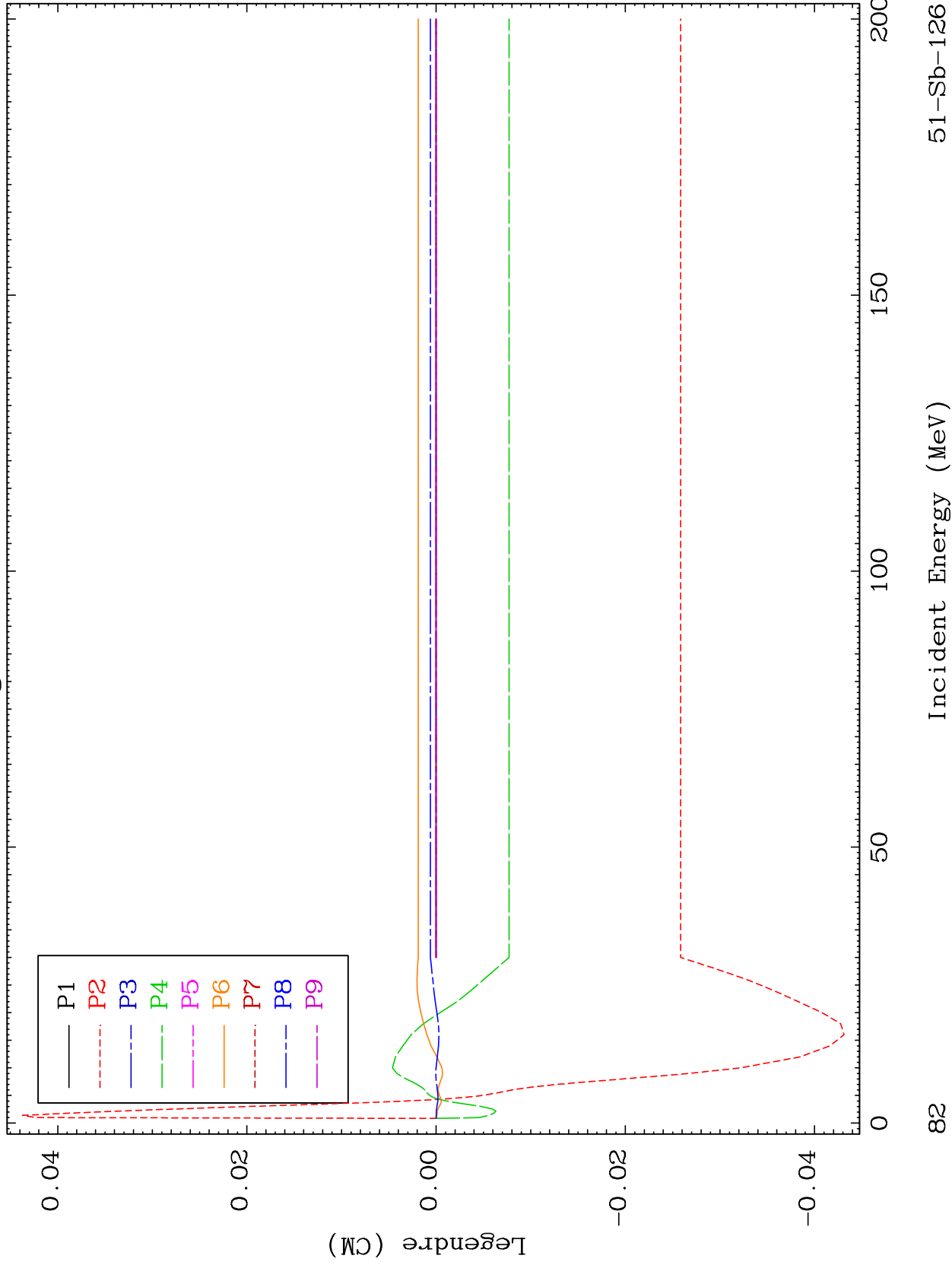
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126



51-Sb-126

Incident Energy (MeV)

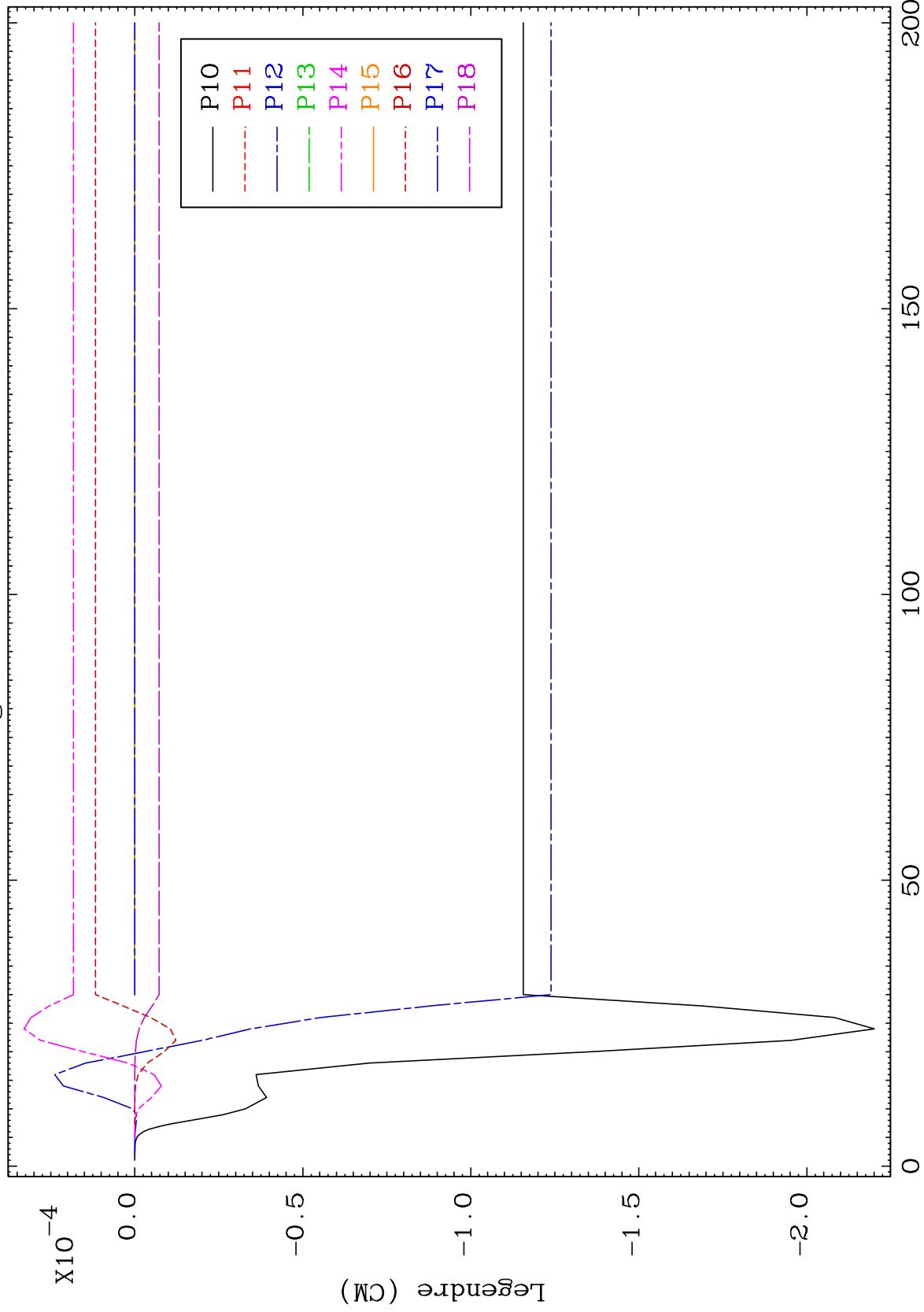
82

MAT 5140

MT= 69 (n,n') Level

51-Sb-126

Legendre Coefficients



83

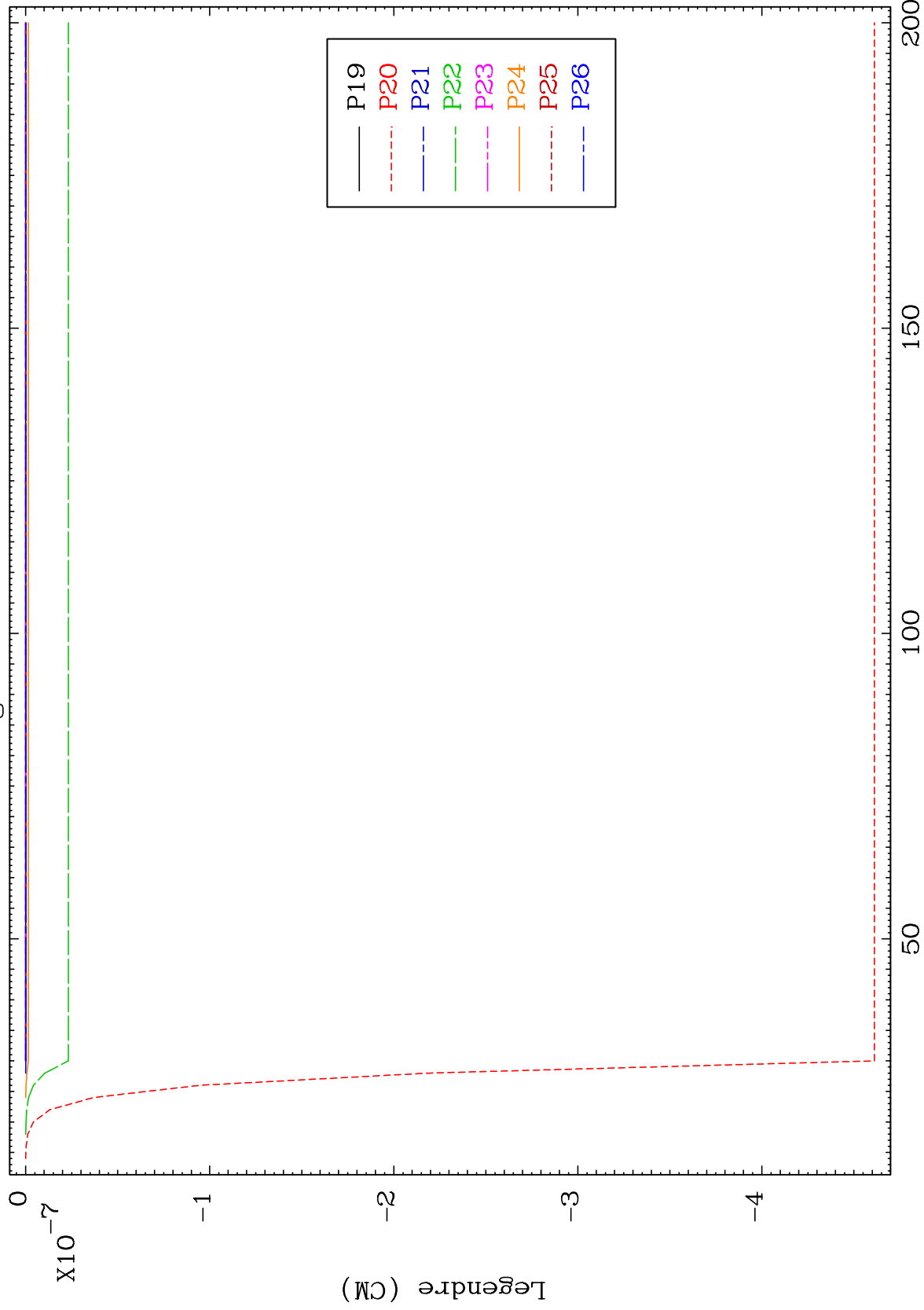
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126



84

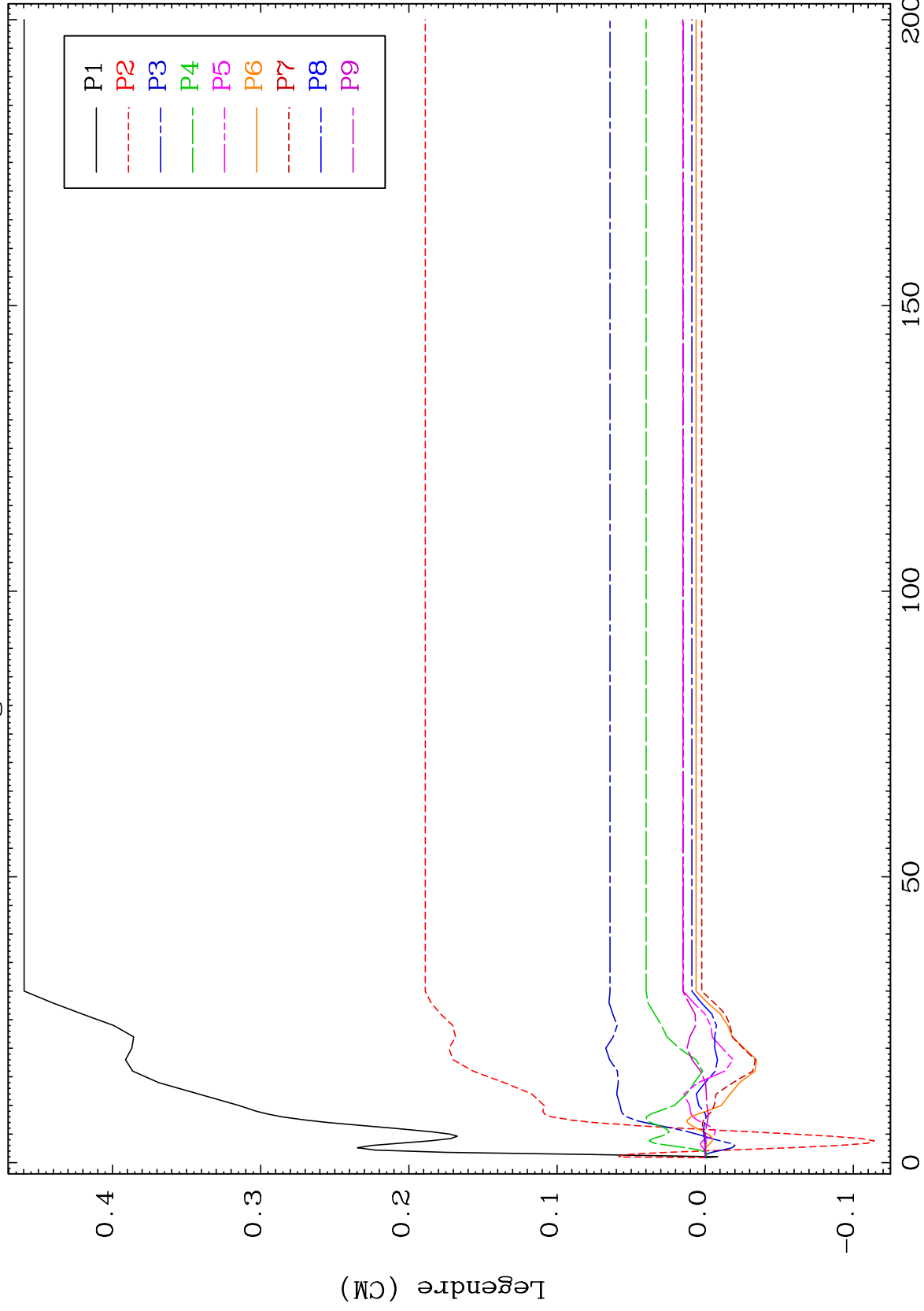
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

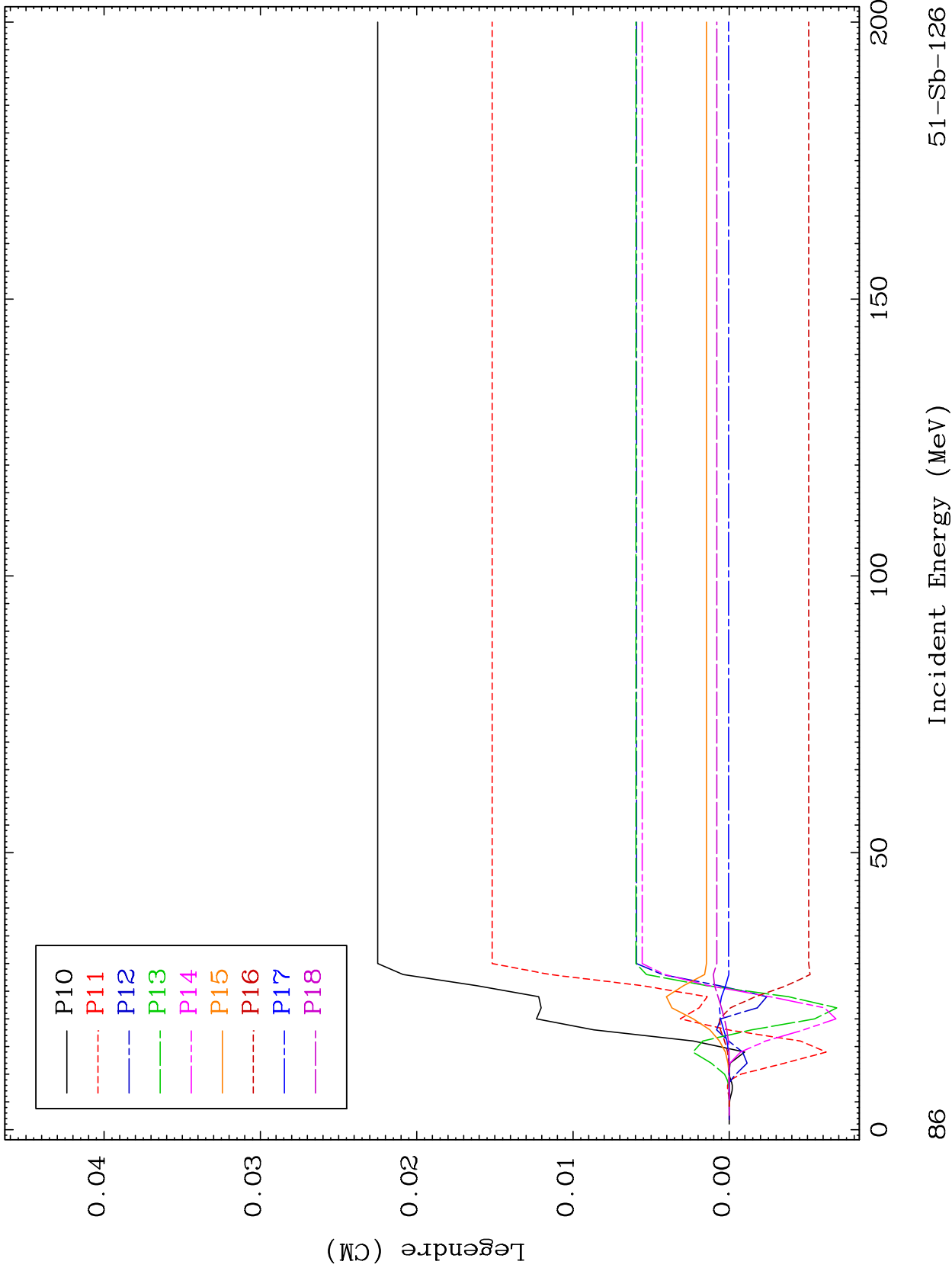
51-Sb-126

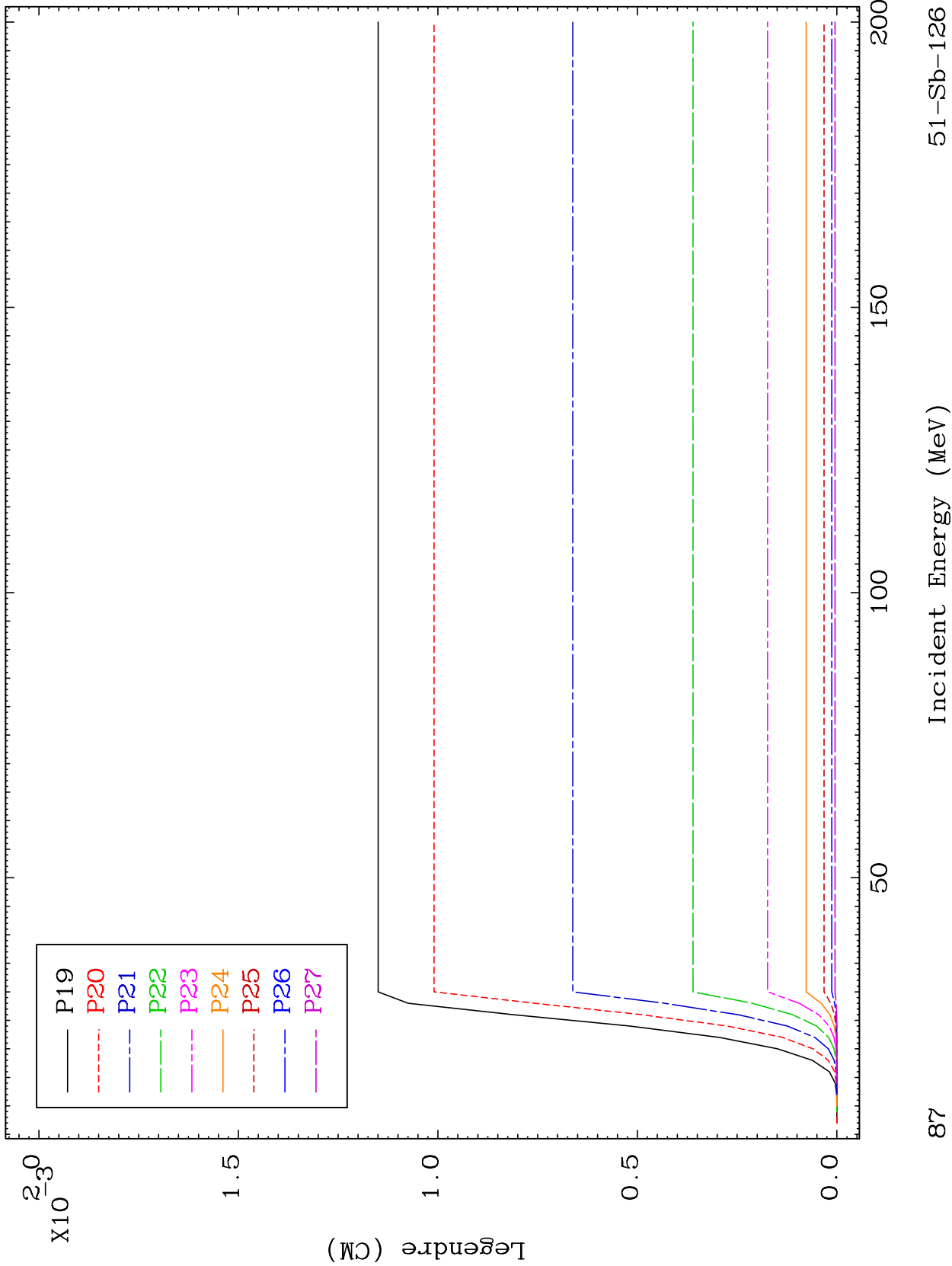


51-Sb-126

Incident Energy (MeV)

85

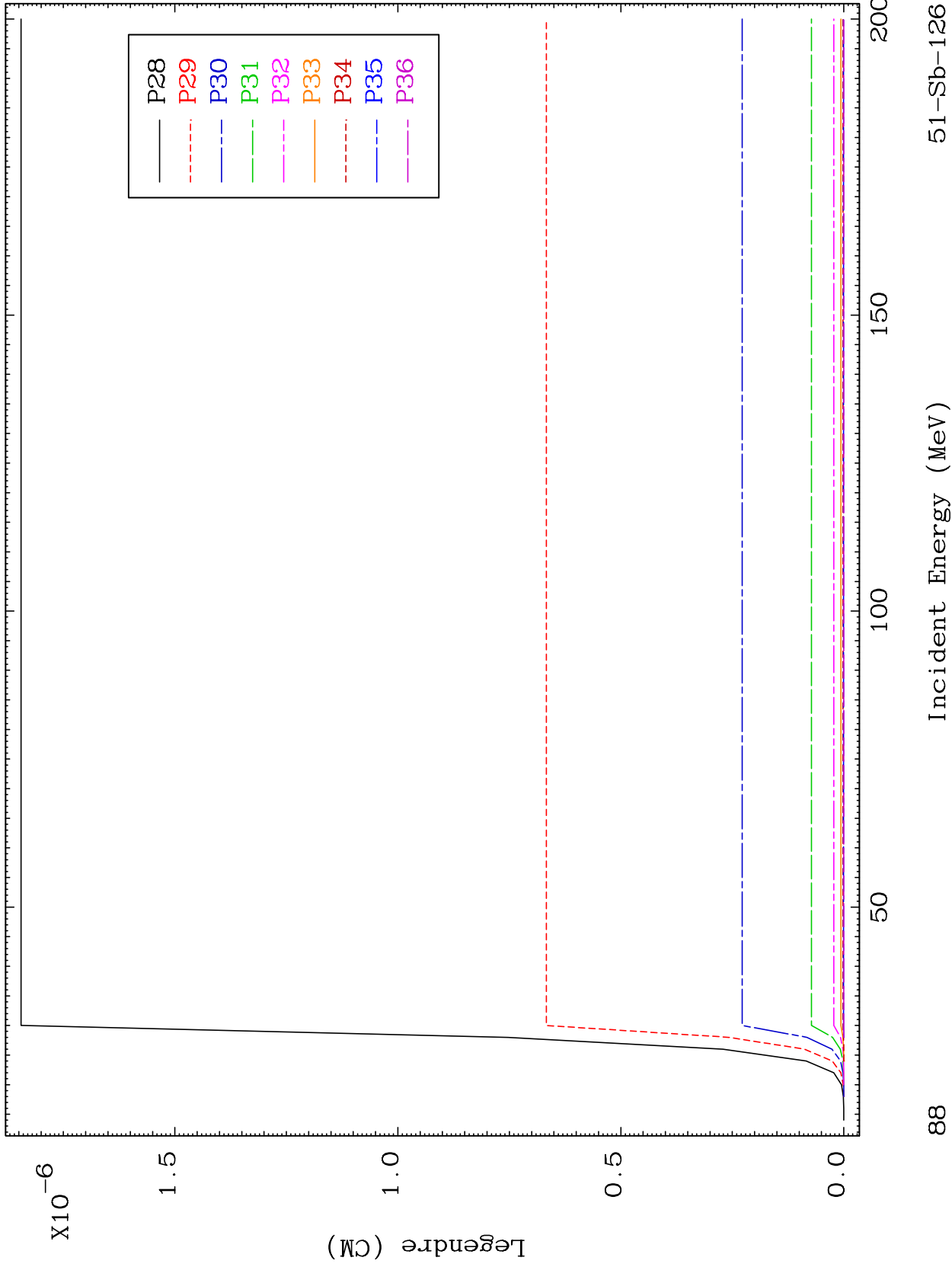


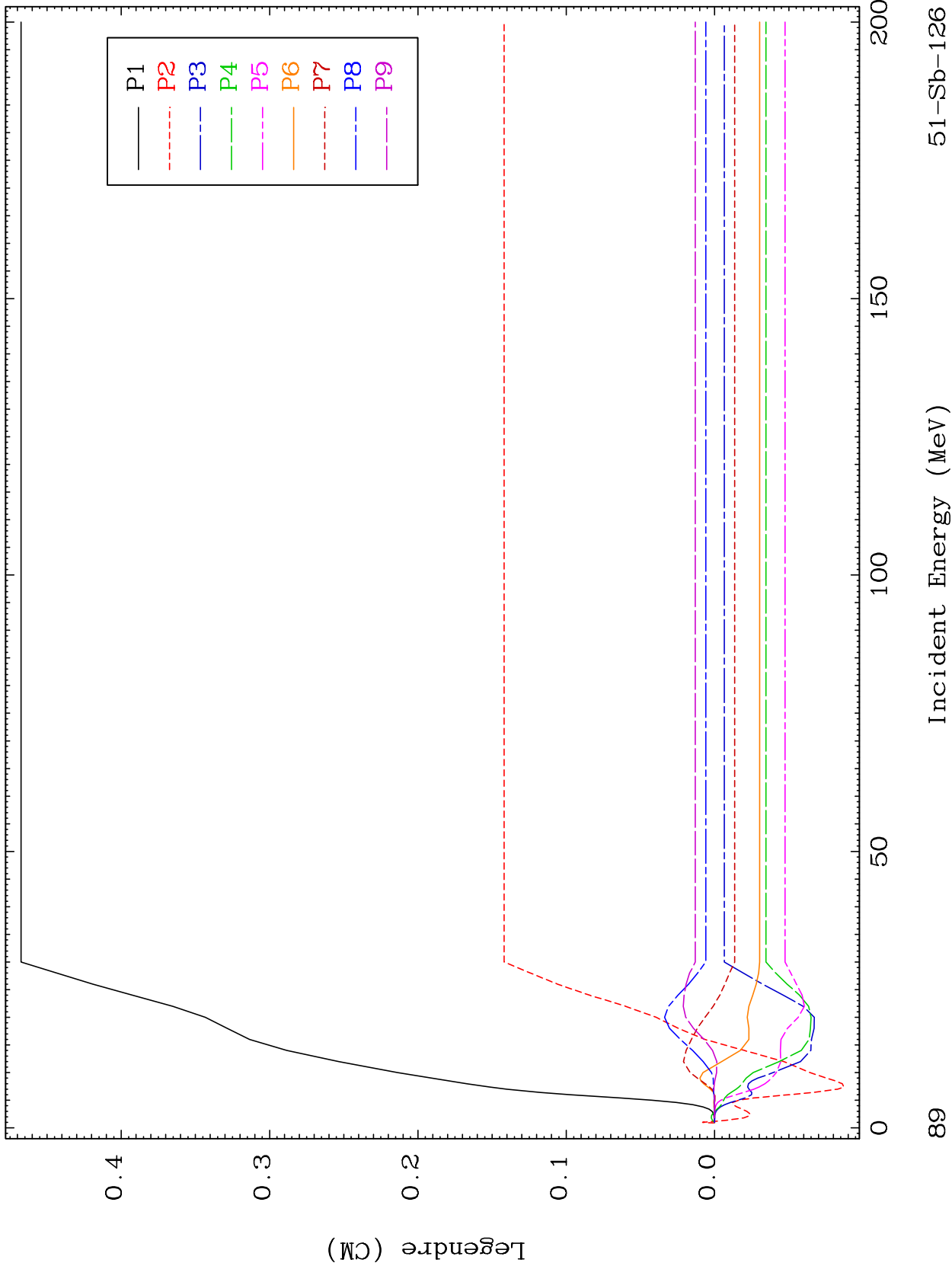


MAT 5140

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

51-Sb-126

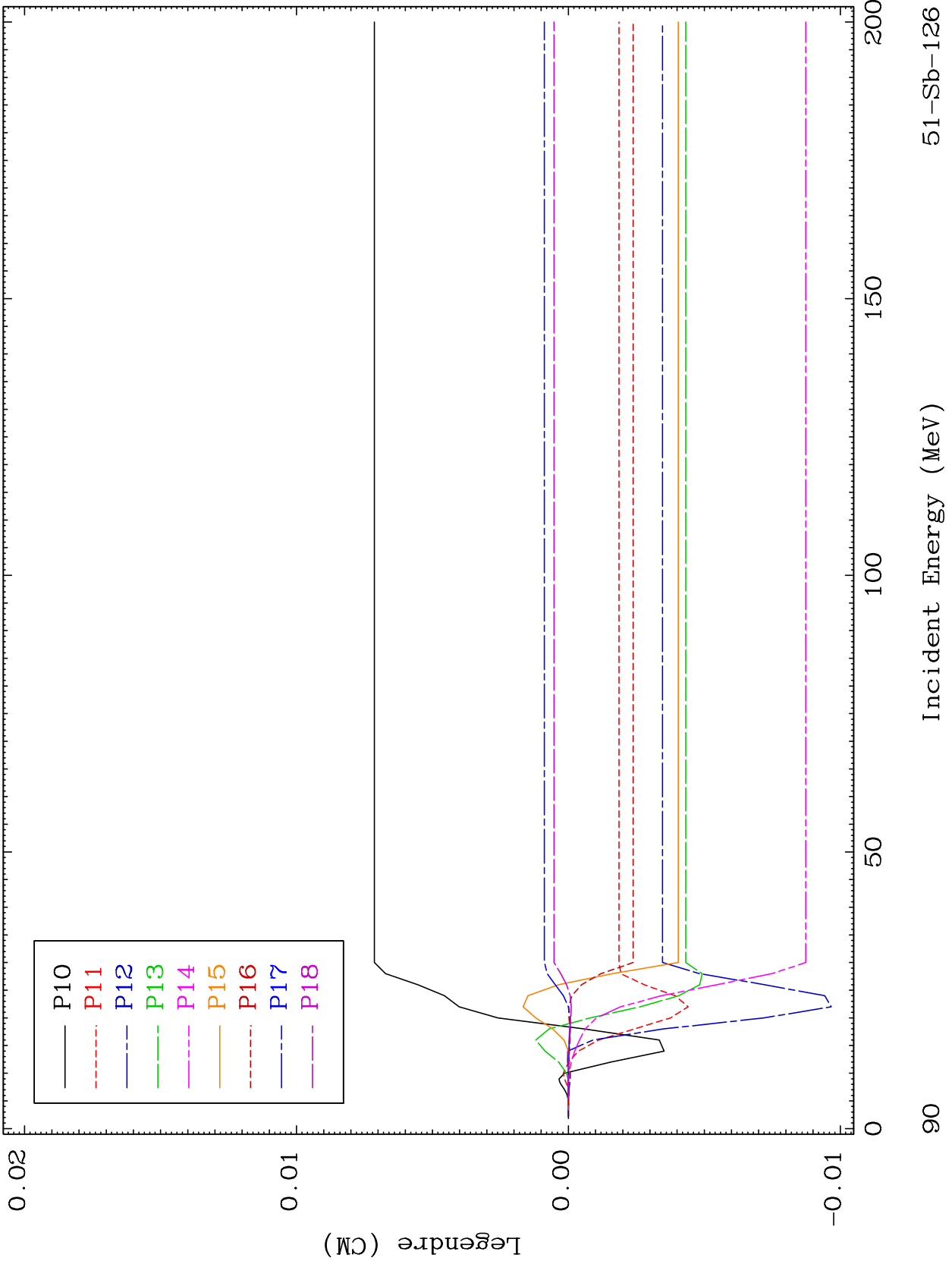




MAT 5140

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

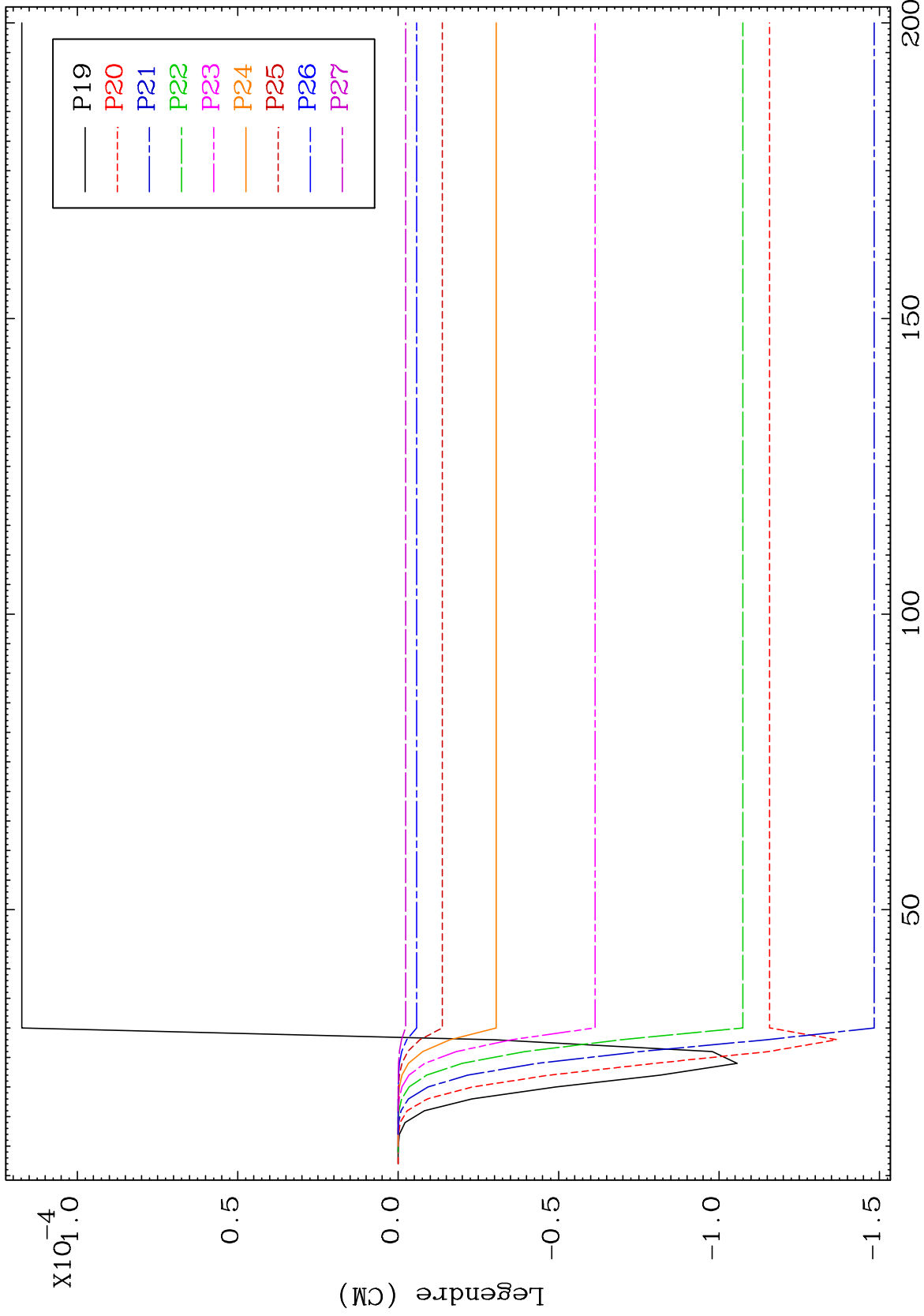
51-Sb-126

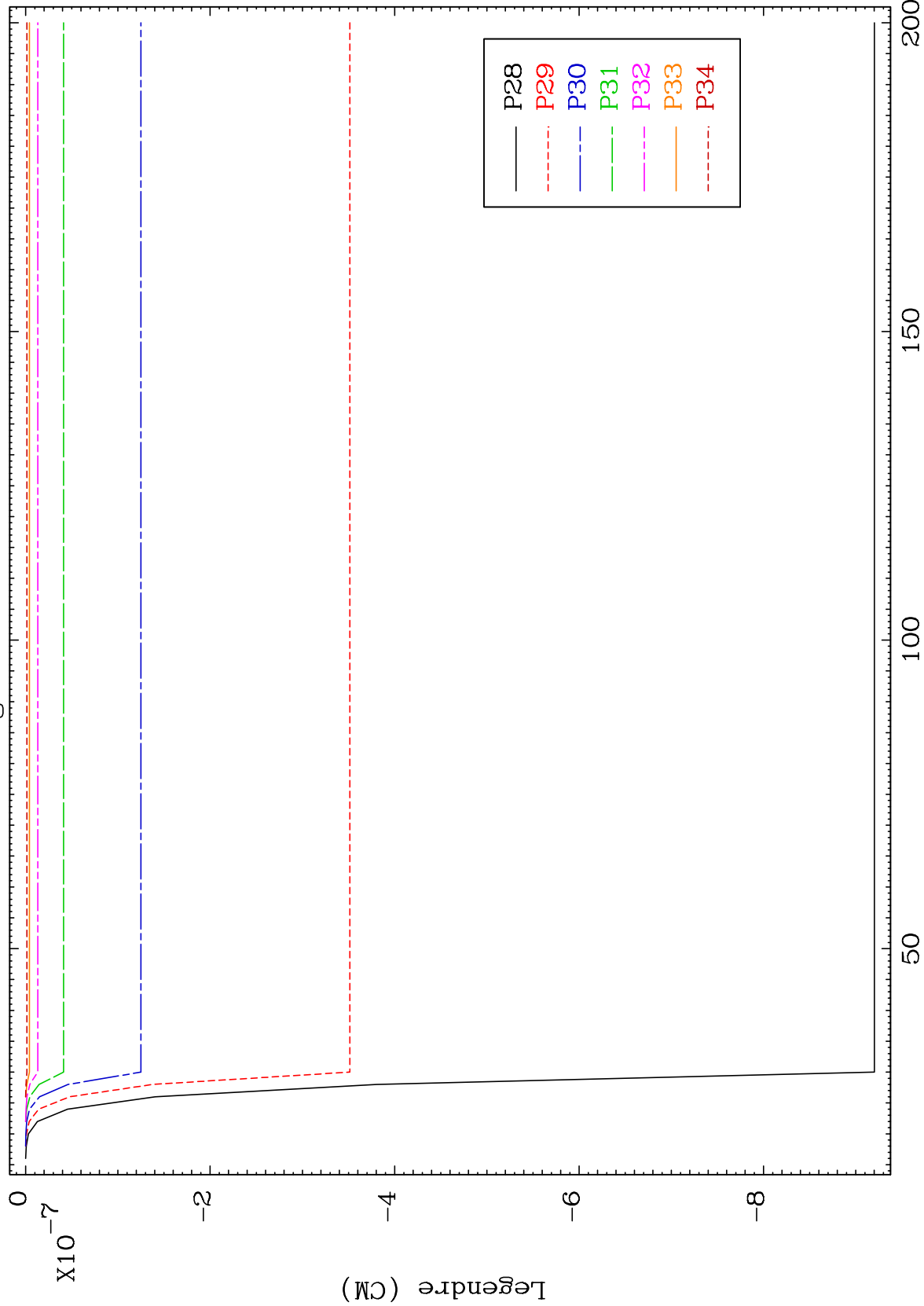


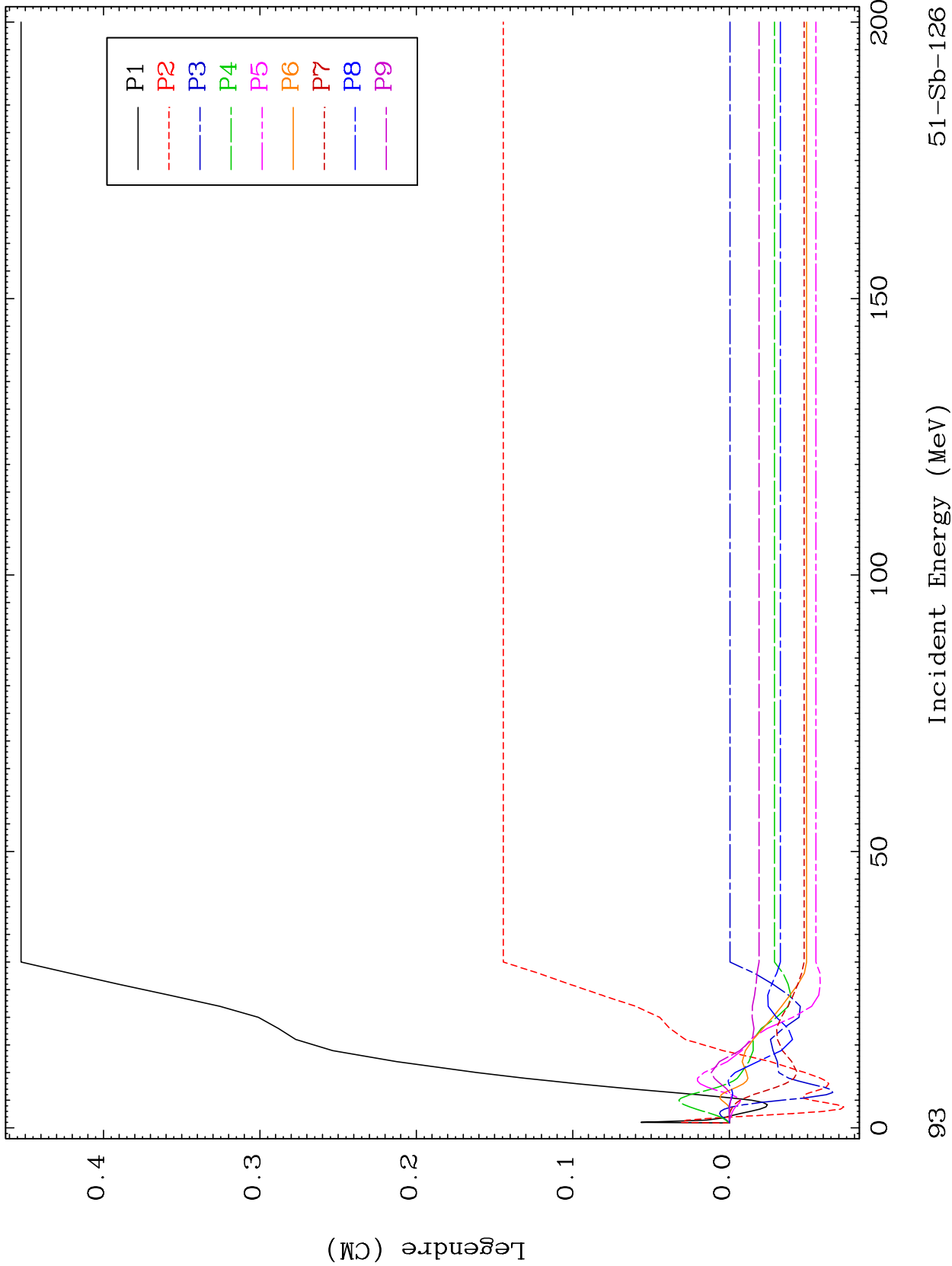
51-Sb-126

Incident Energy (MeV)

90



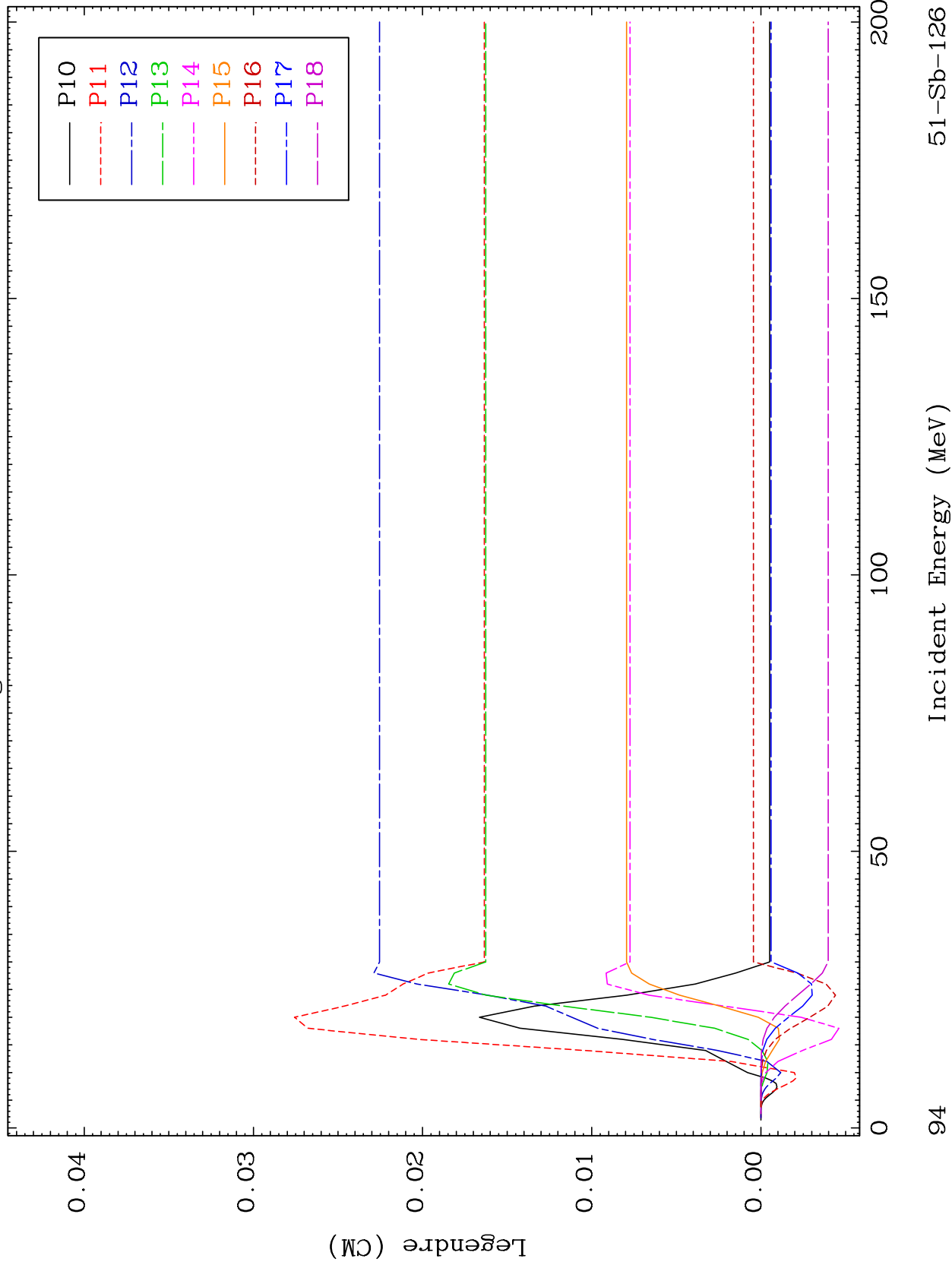




MAT 5140

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

51-Sb-126



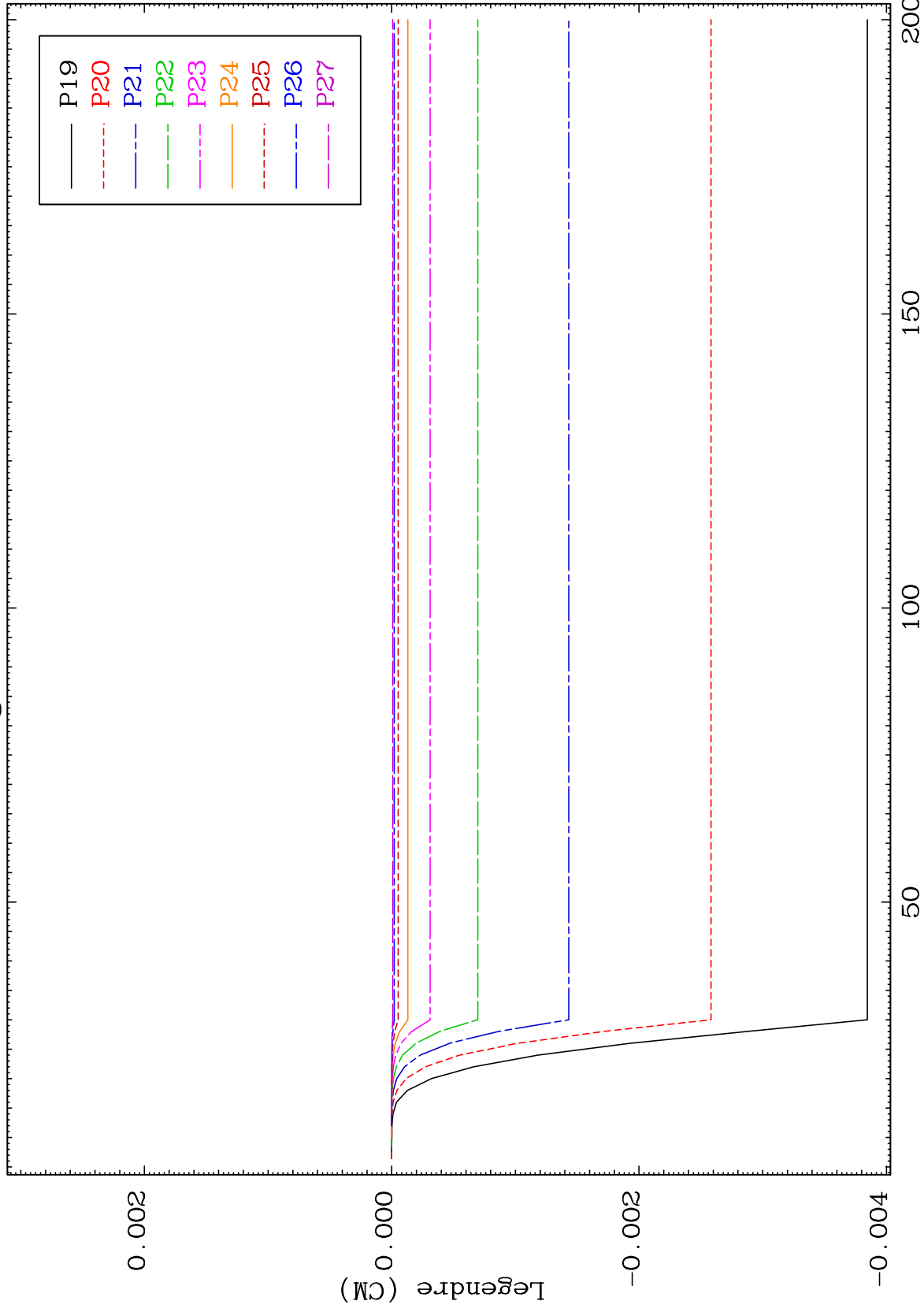
94

51-Sb-126

MAT 5140

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

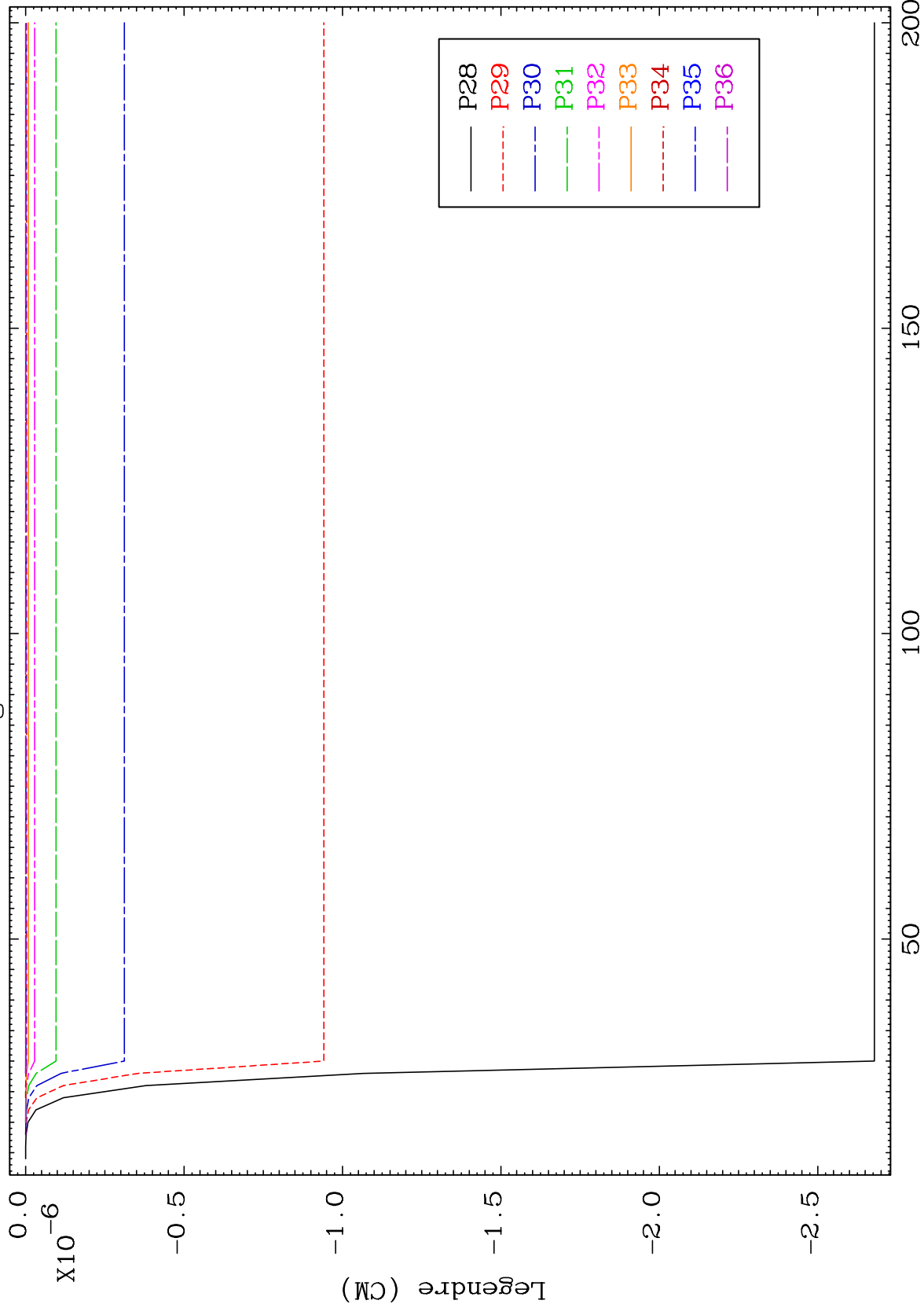
51-Sb-126



95

Incident Energy (MeV)

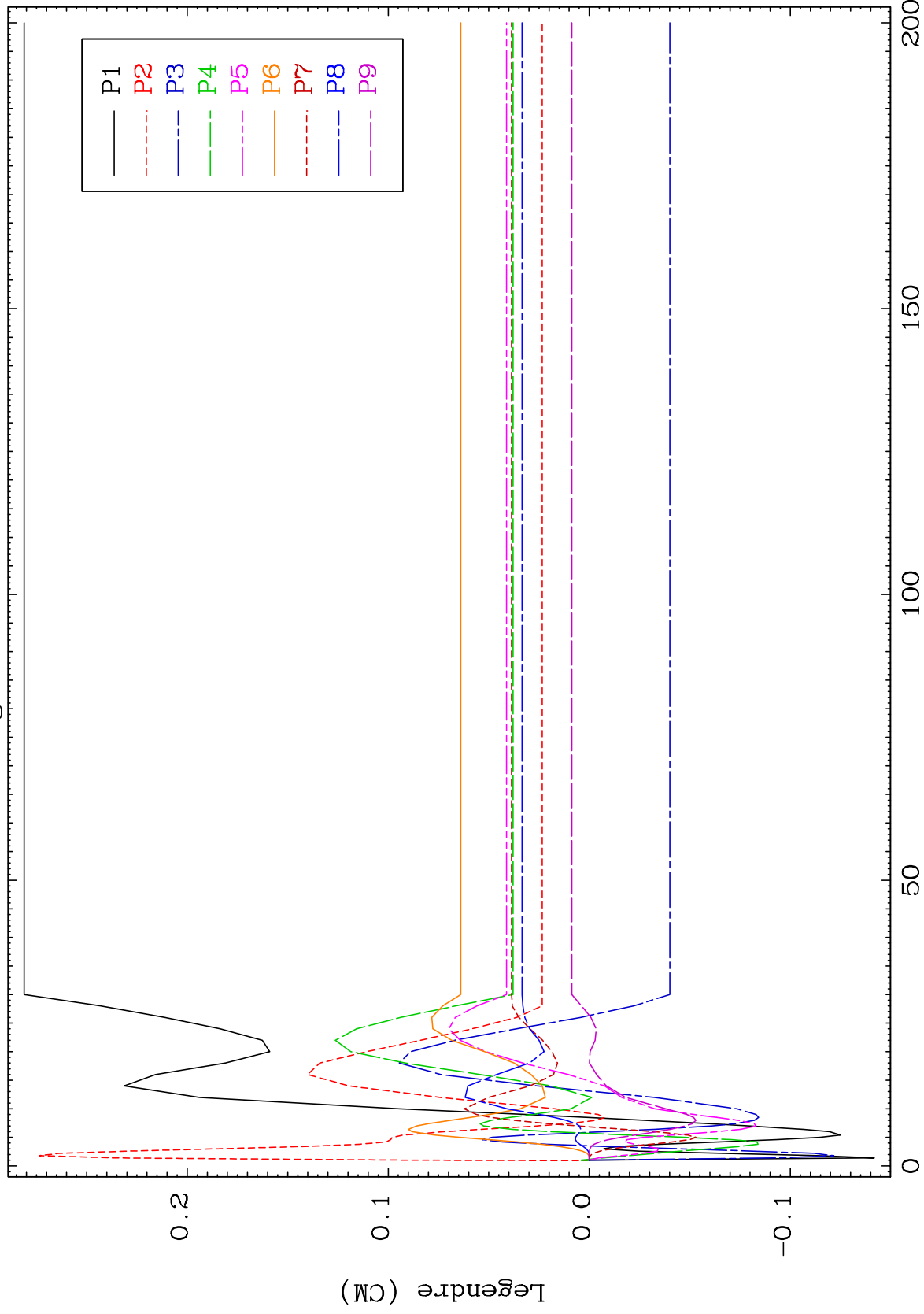
51-Sb-126



MAT 5140

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

51-Sb-126



97

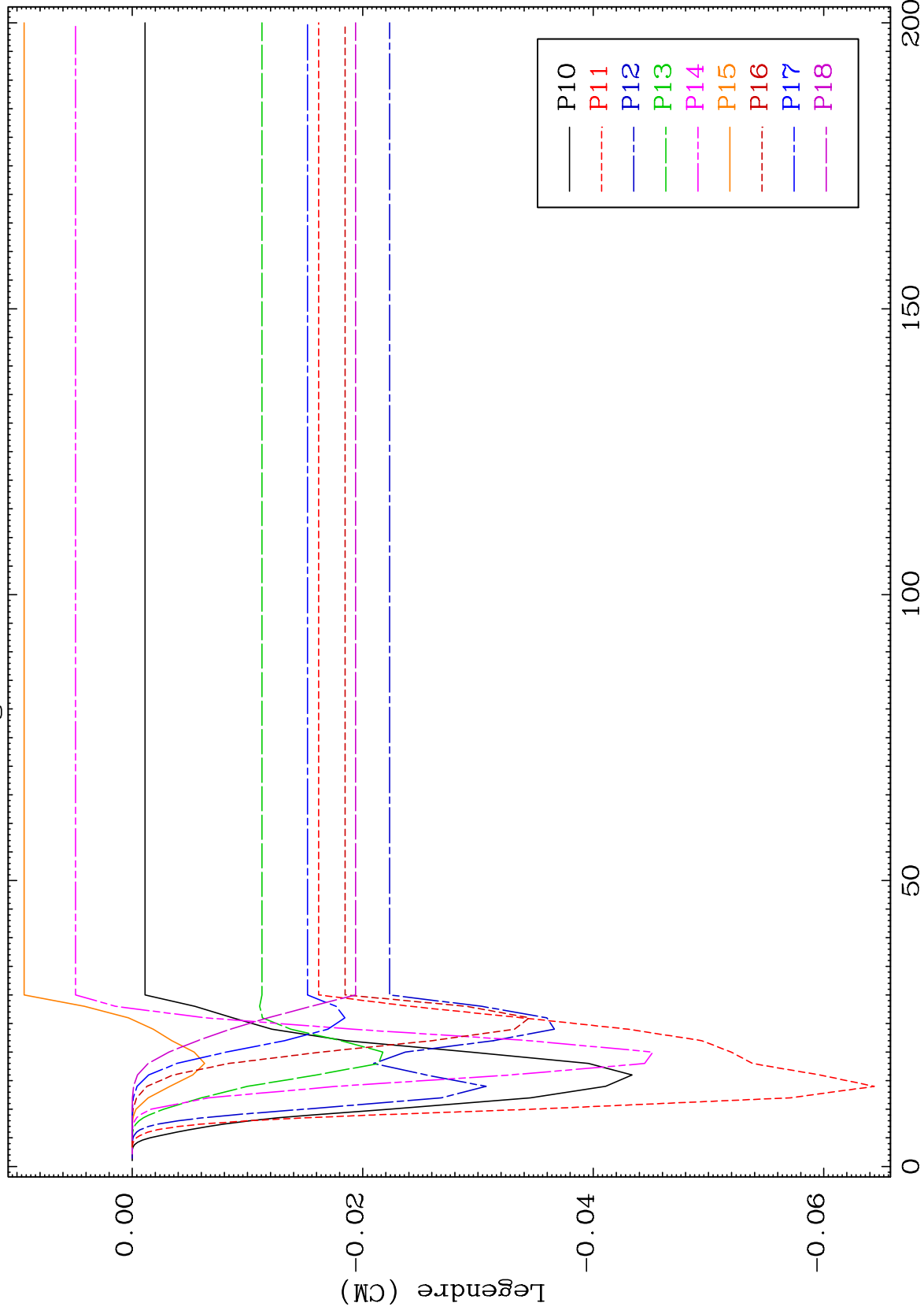
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

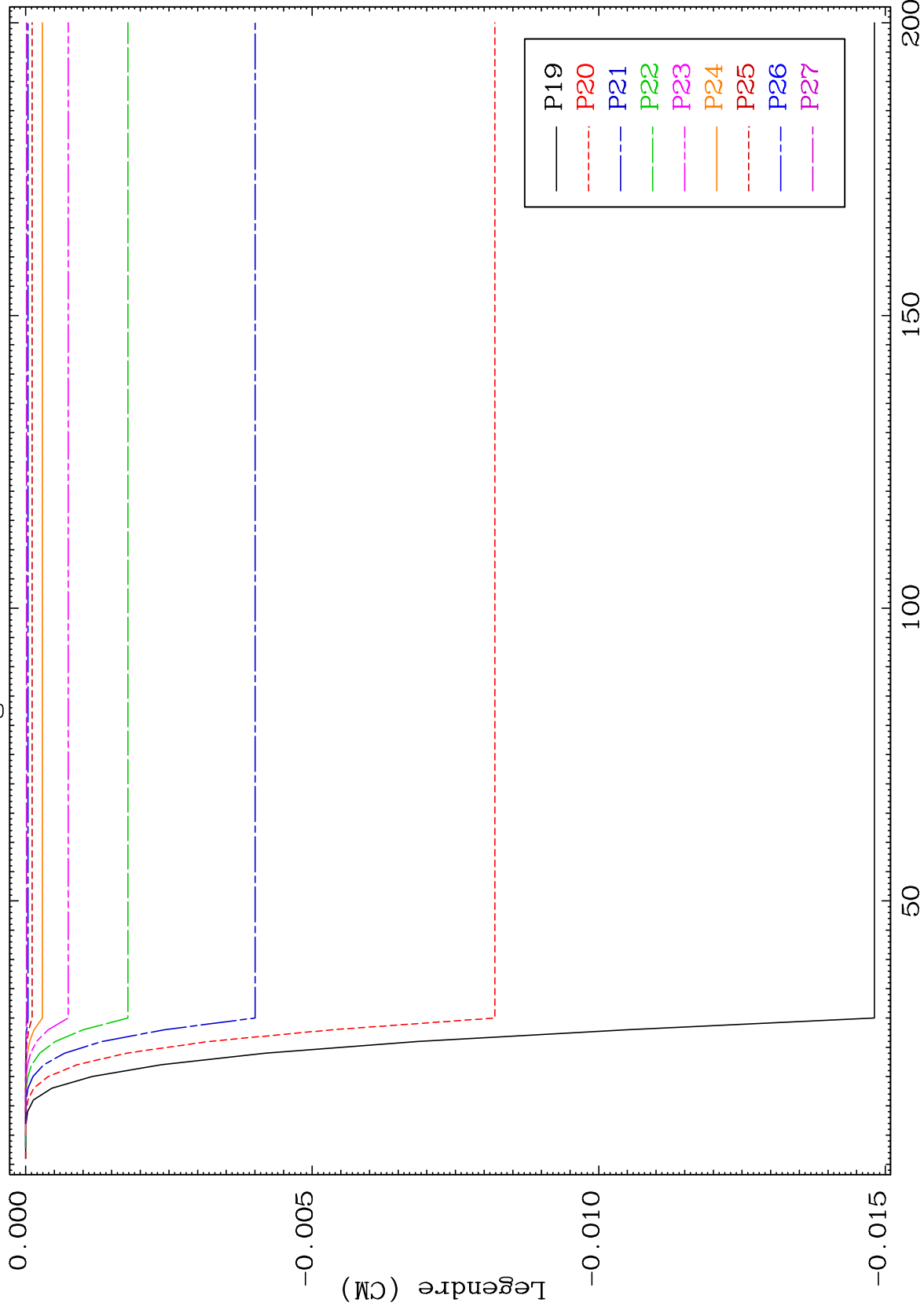
51-Sb-126



98

Incident Energy (MeV)

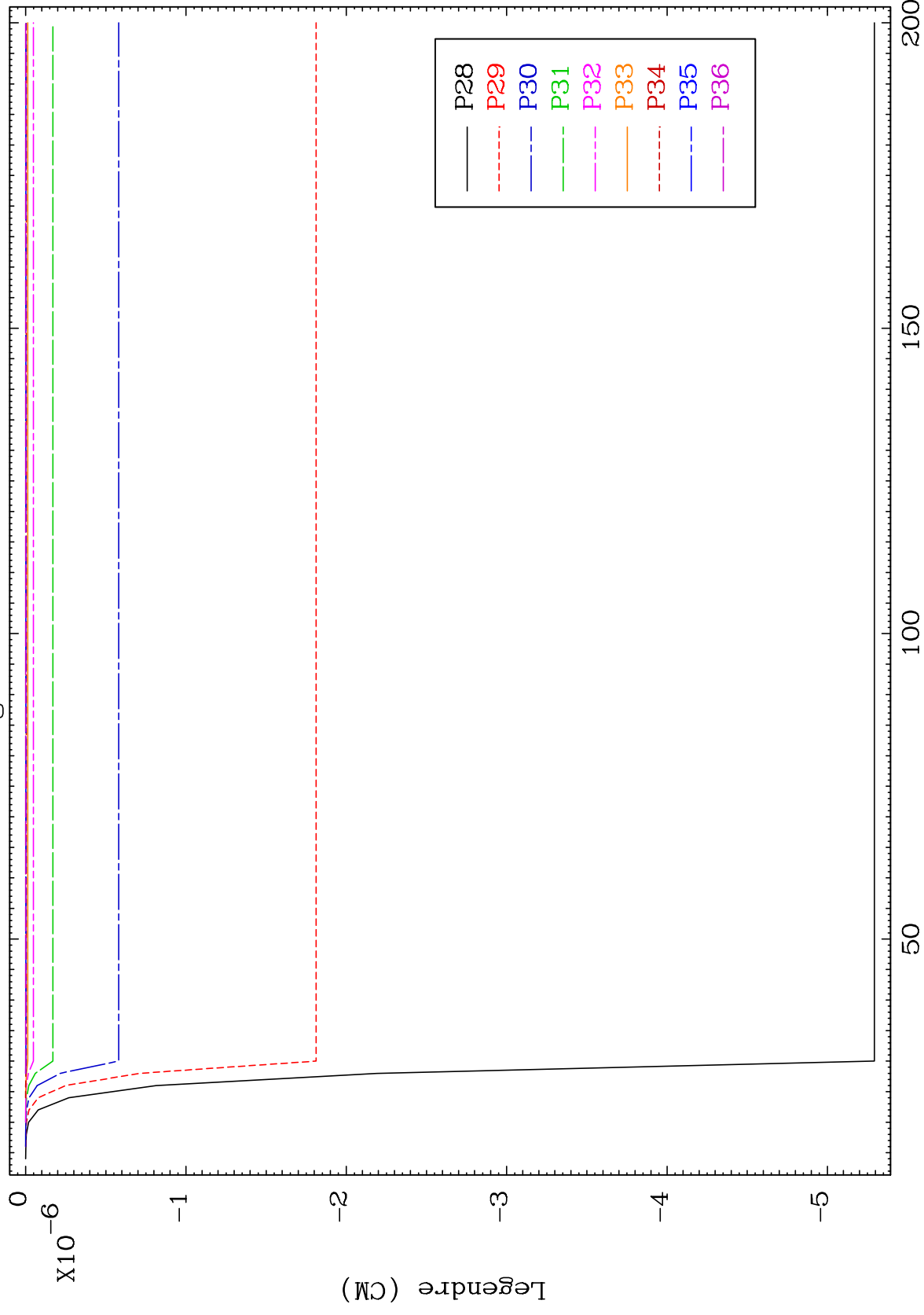
51-Sb-126



MAT 5140

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

51-Sb-126



51-Sb-126

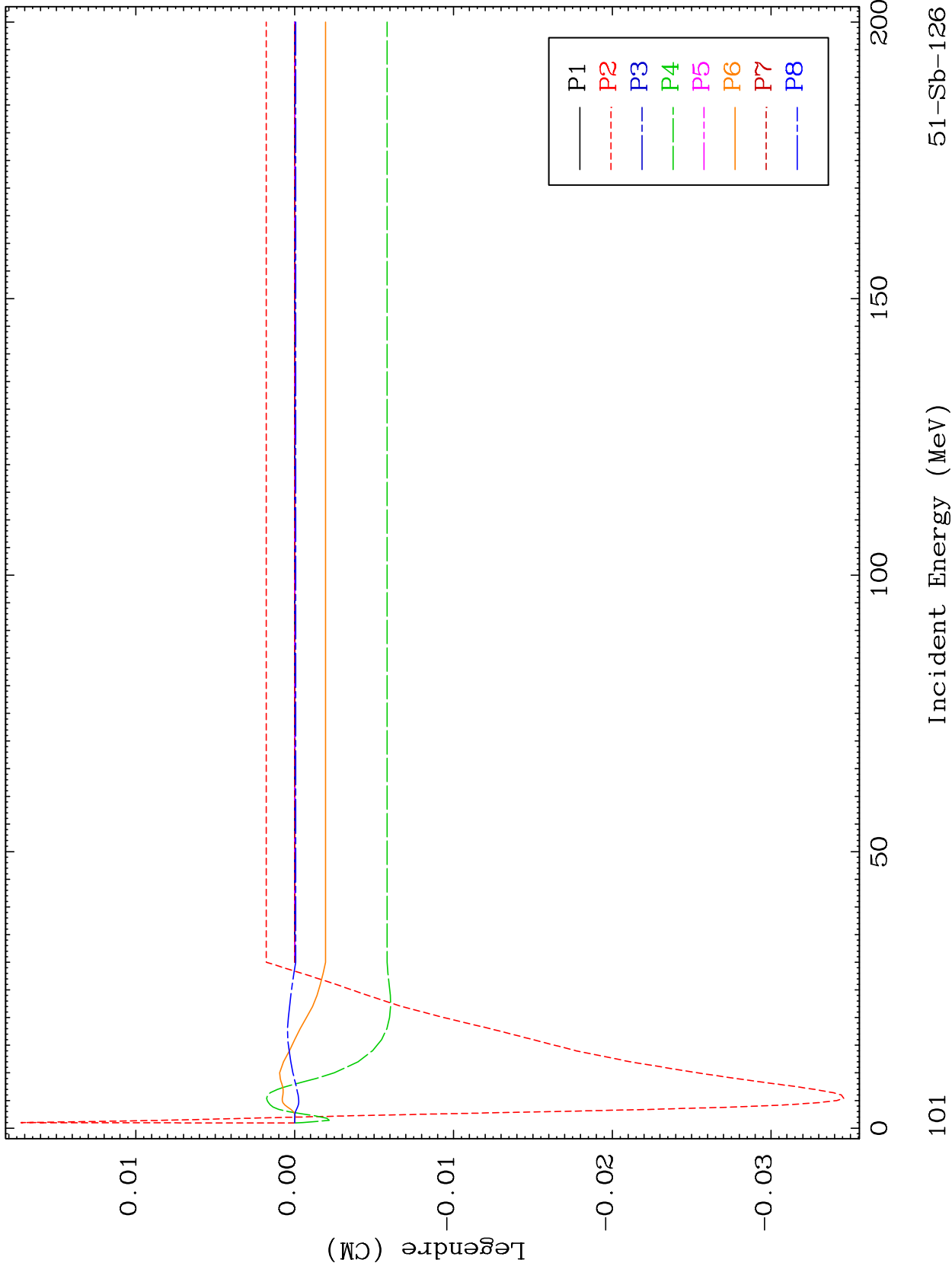
Incident Energy (MeV)

100

MAT 5140

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

51-Sb-126



51-Sb-126

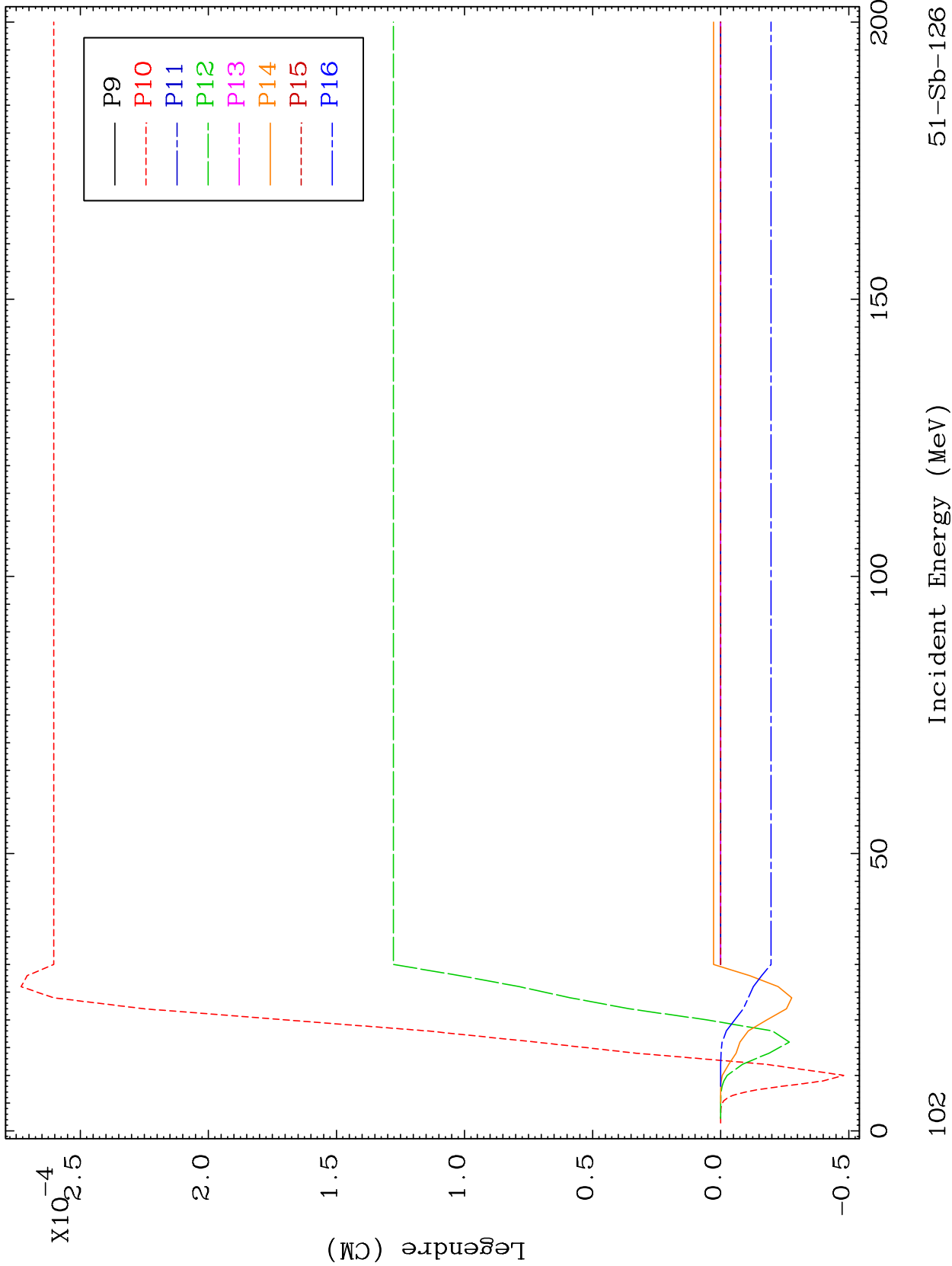
Incident Energy (MeV)

101

MAT 5140

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

51-Sb-126



51-Sb-126

Incident Energy (MeV)

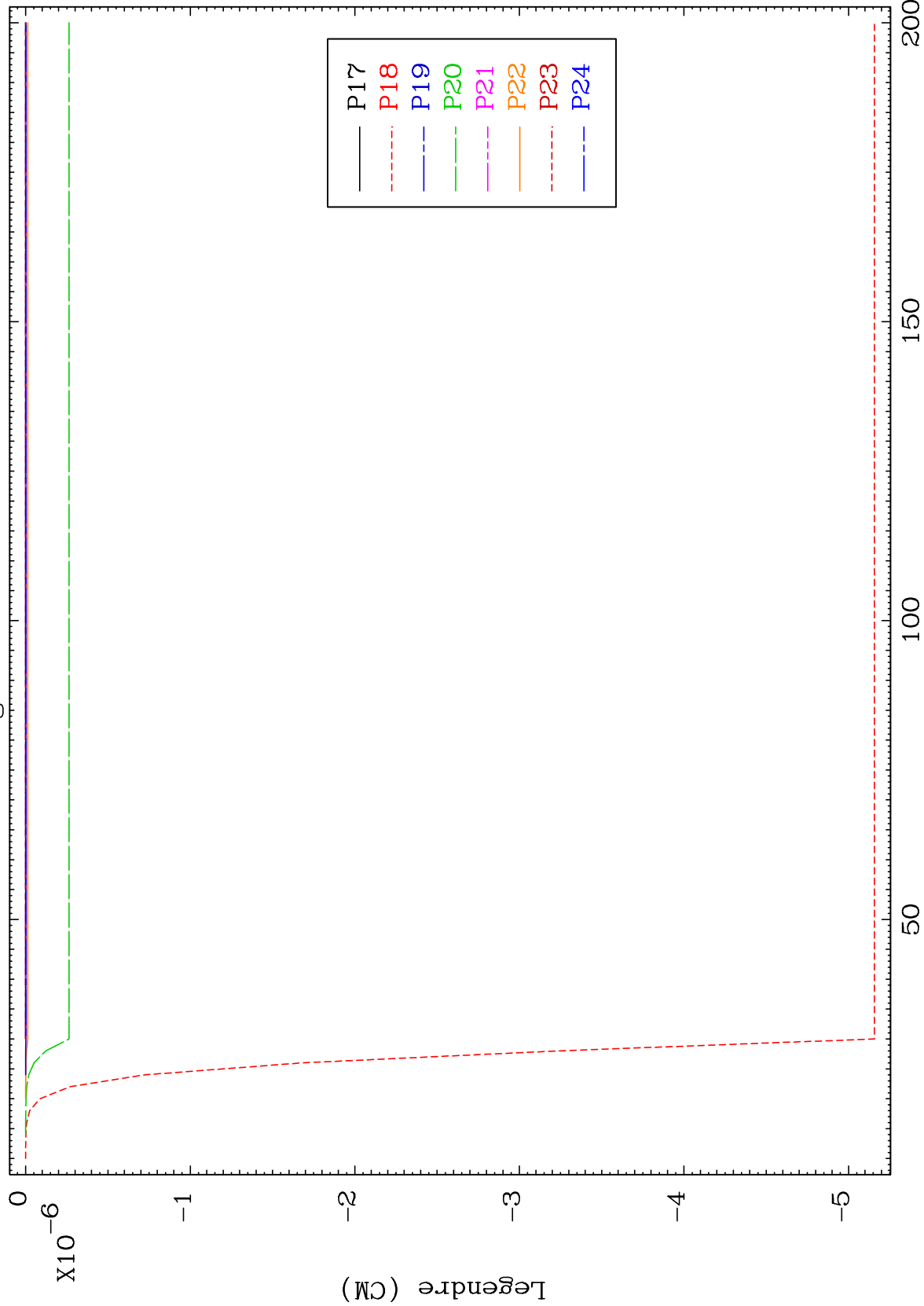
102

MAT 5140

MT= 74 (n,n') Level

51-Sb-126

Legendre Coefficients



51-Sb-126

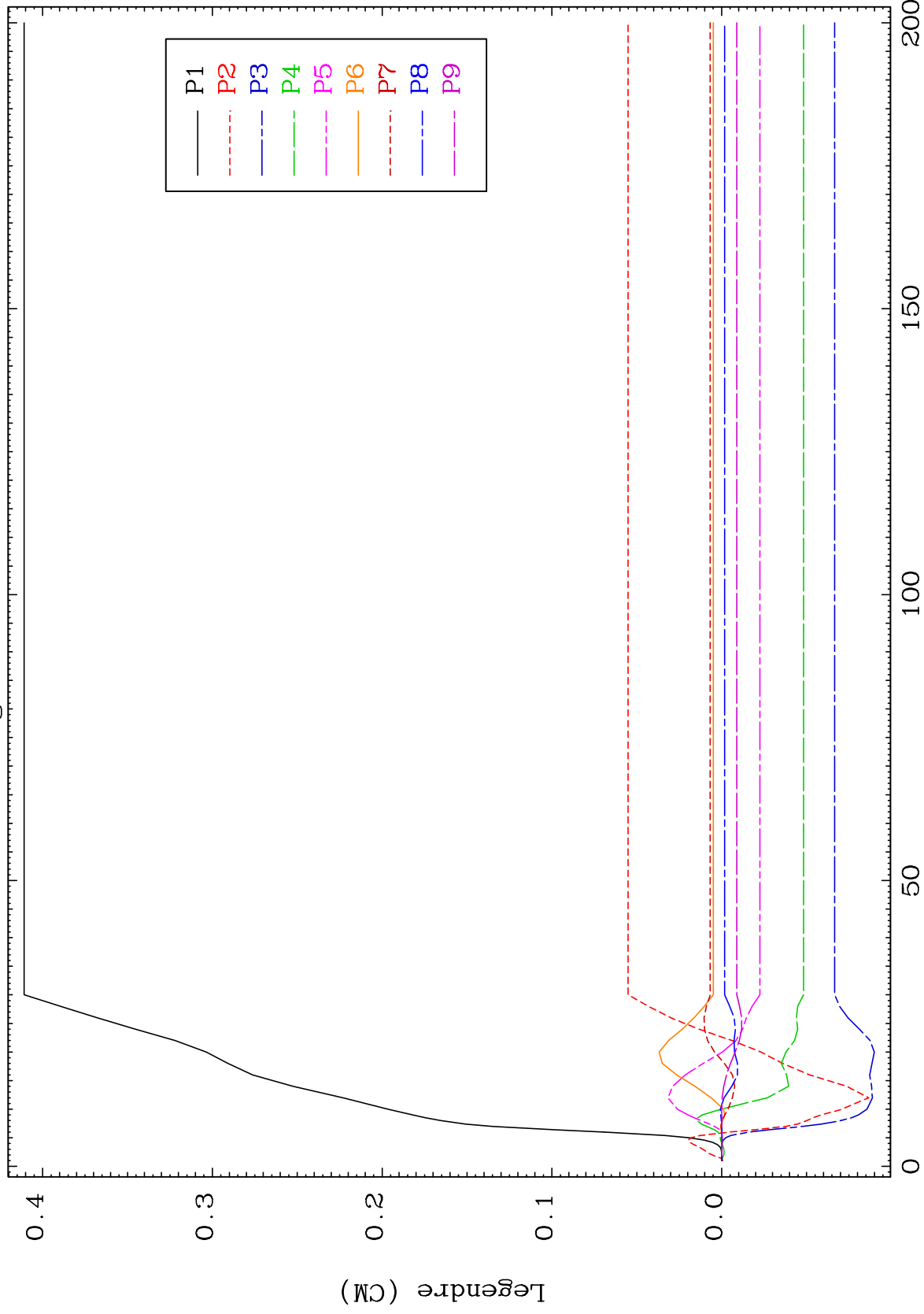
Incident Energy (MeV)

103

MAT 5140

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

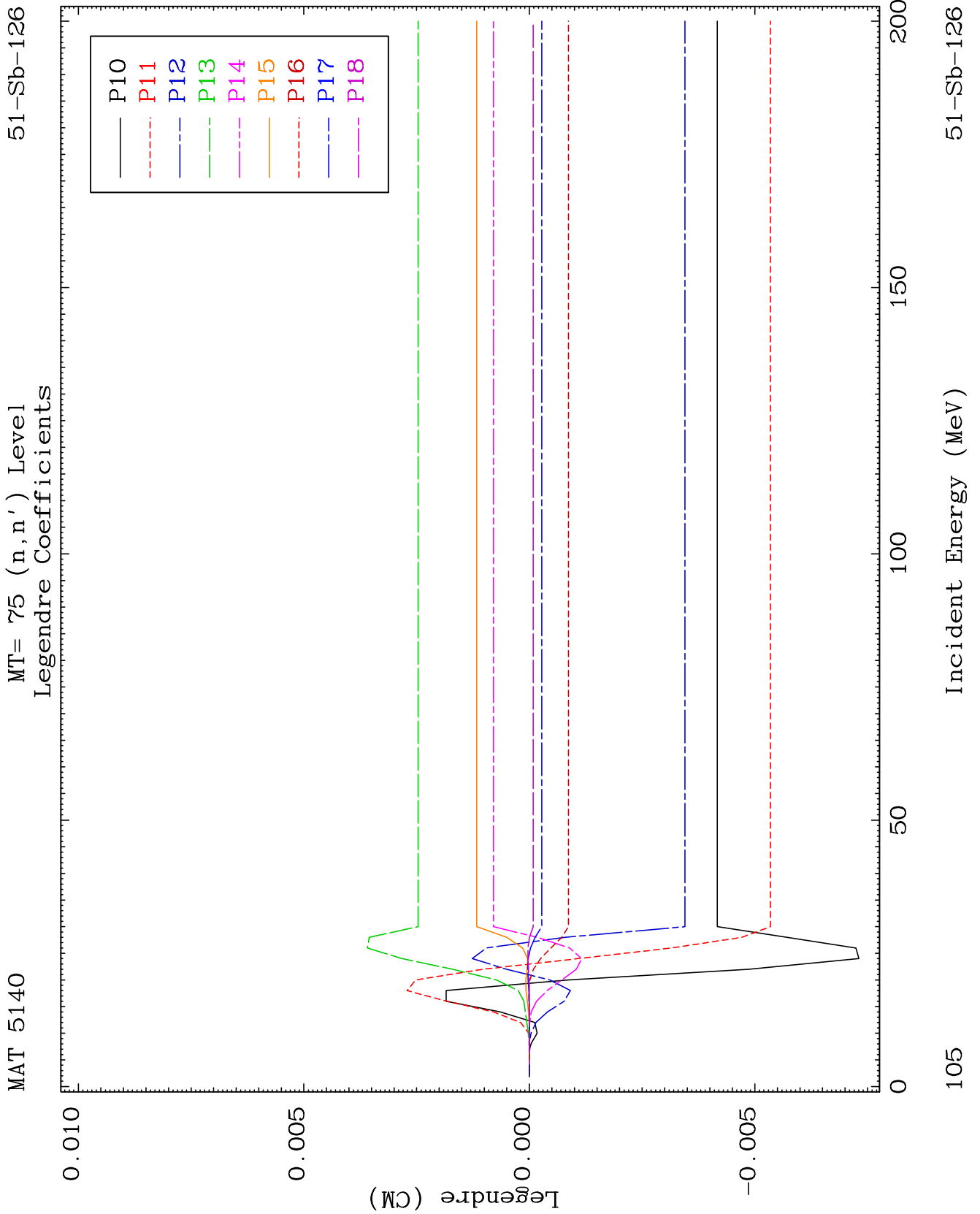
51-Sb-126



51-Sb-126

Incident Energy (MeV)

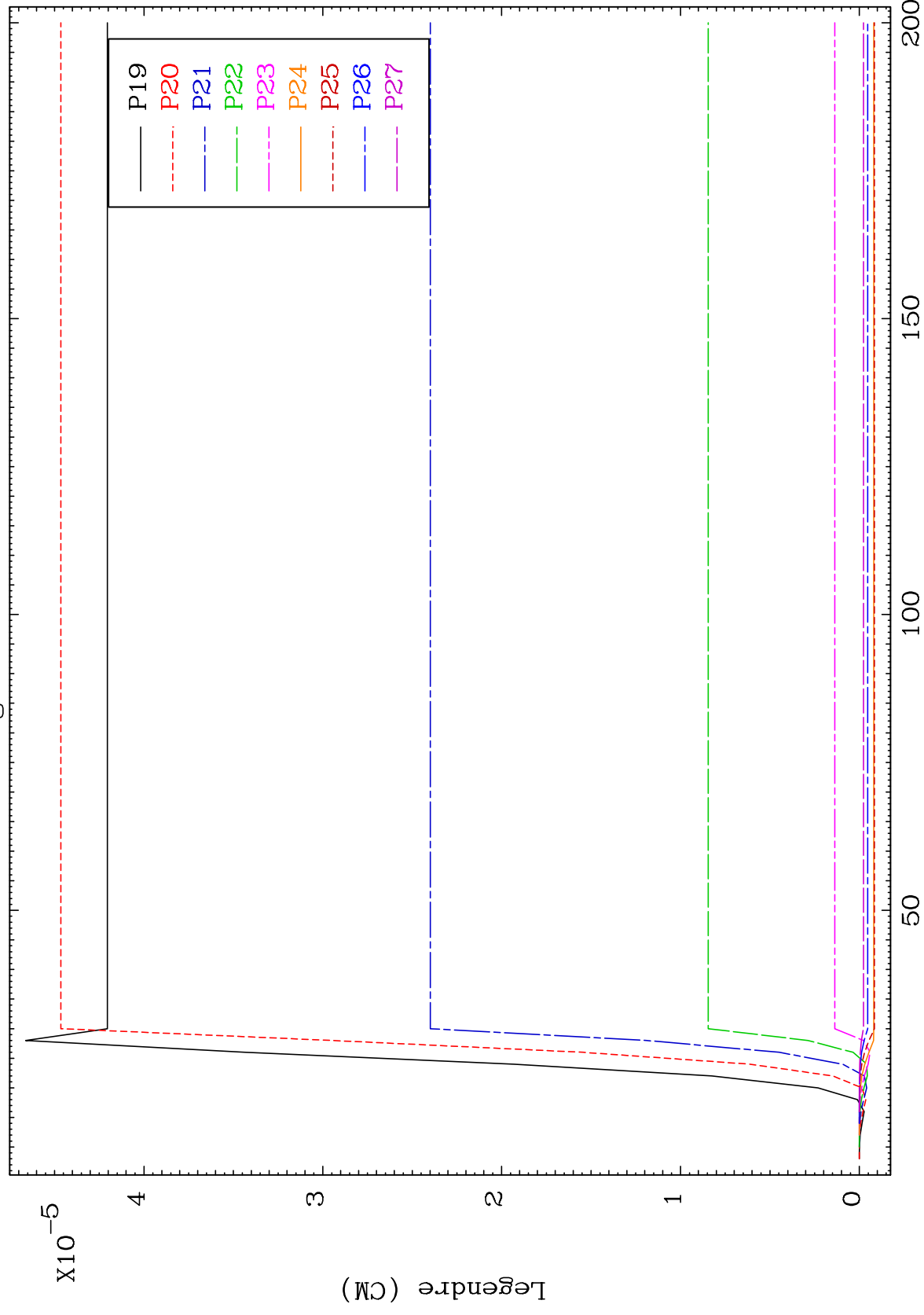
104



MAT 5140

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

51-Sb-126



106

Incident Energy (MeV)

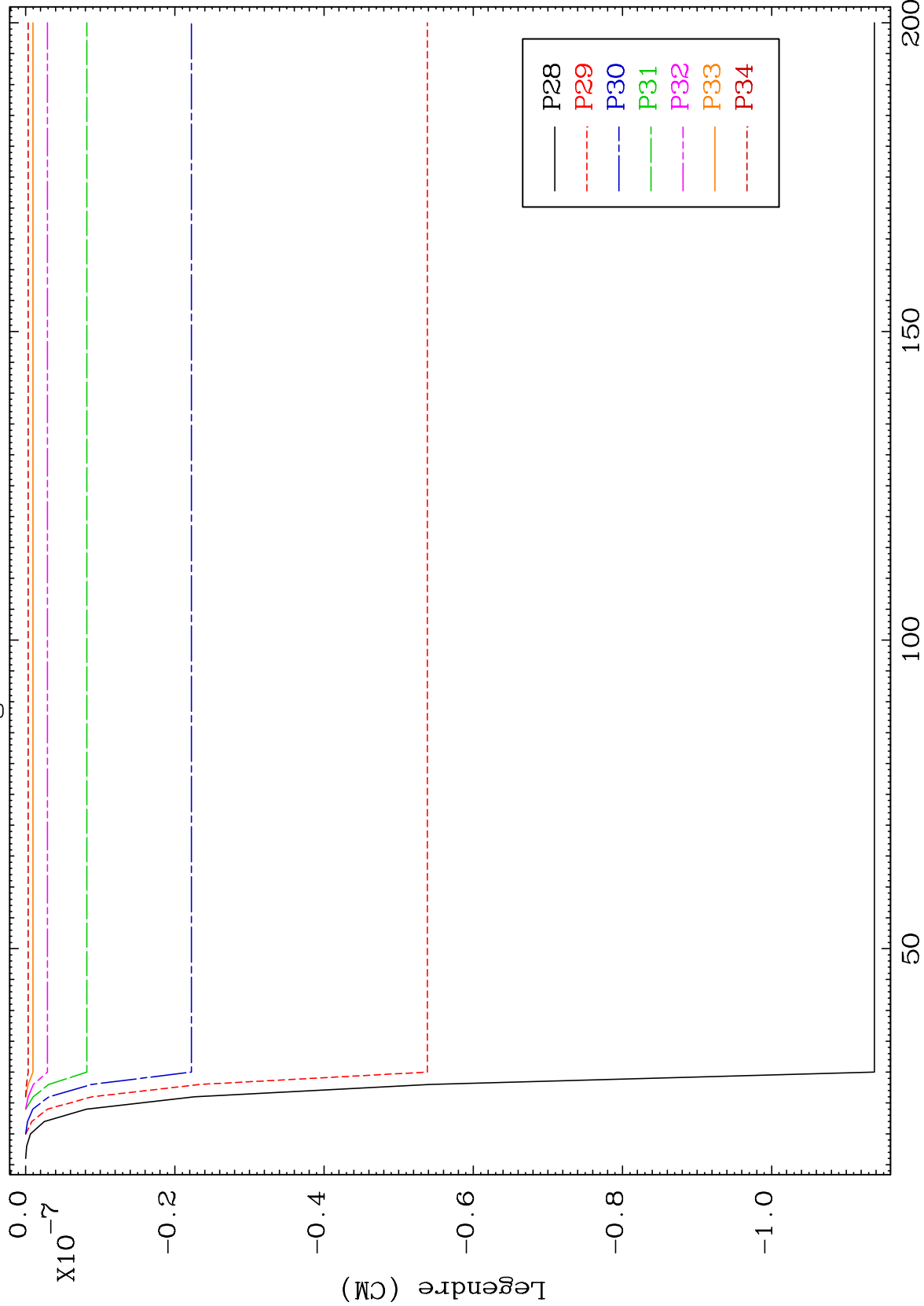
51-Sb-126

MAT 5140

MT= 75 (n,n') Level

51-Sb-126

Legendre Coefficients



107

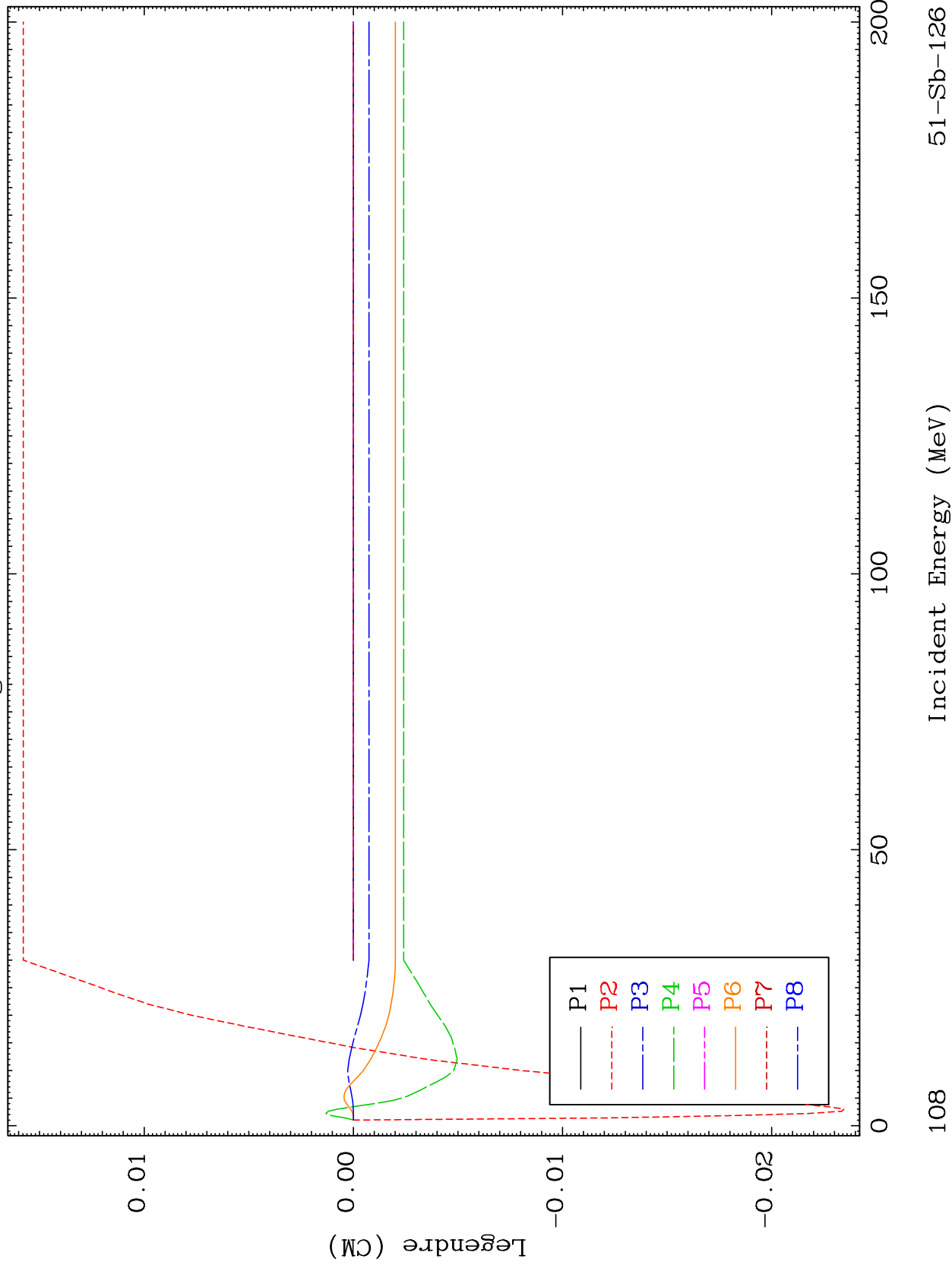
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

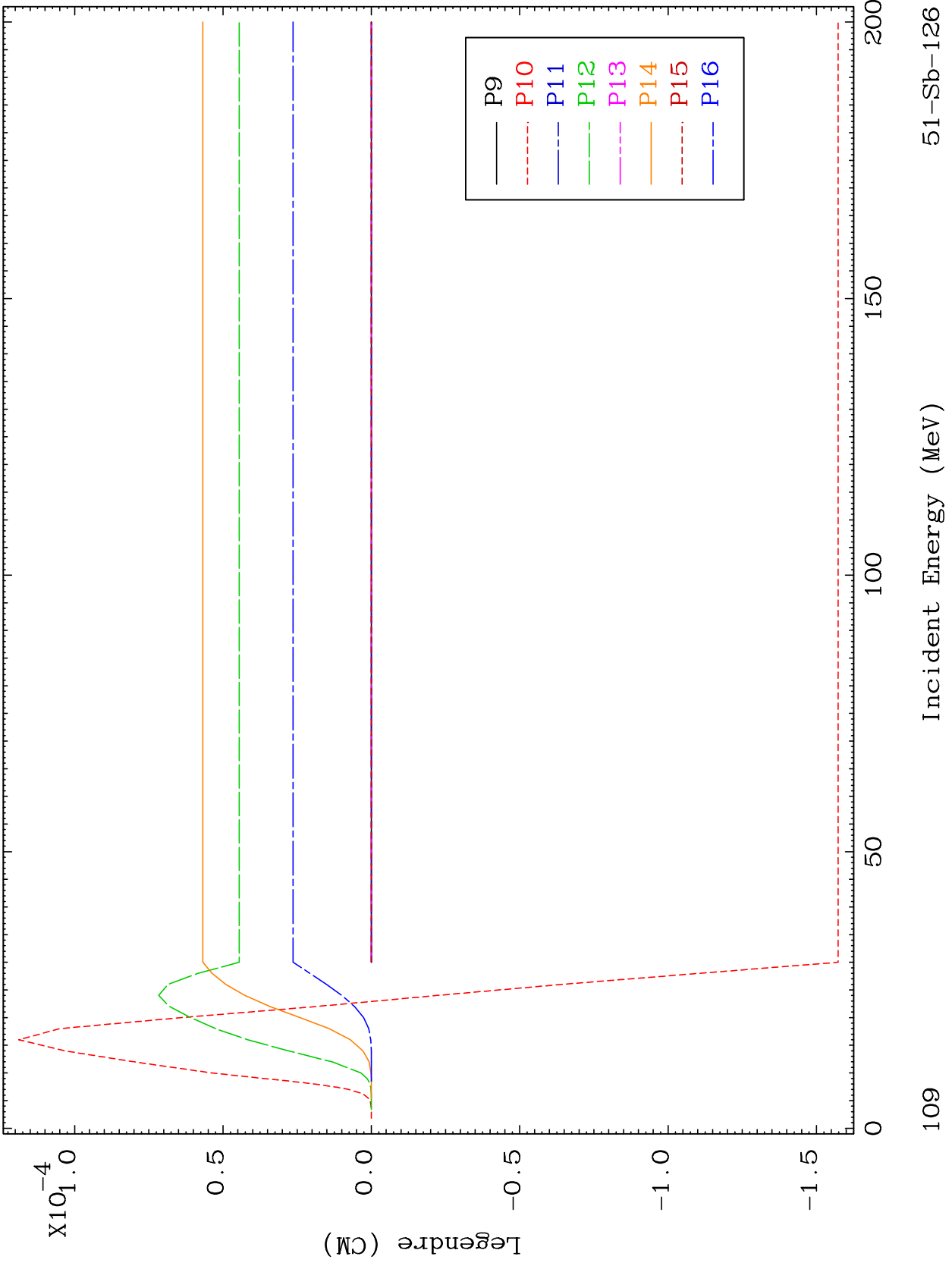
51-Sb-126

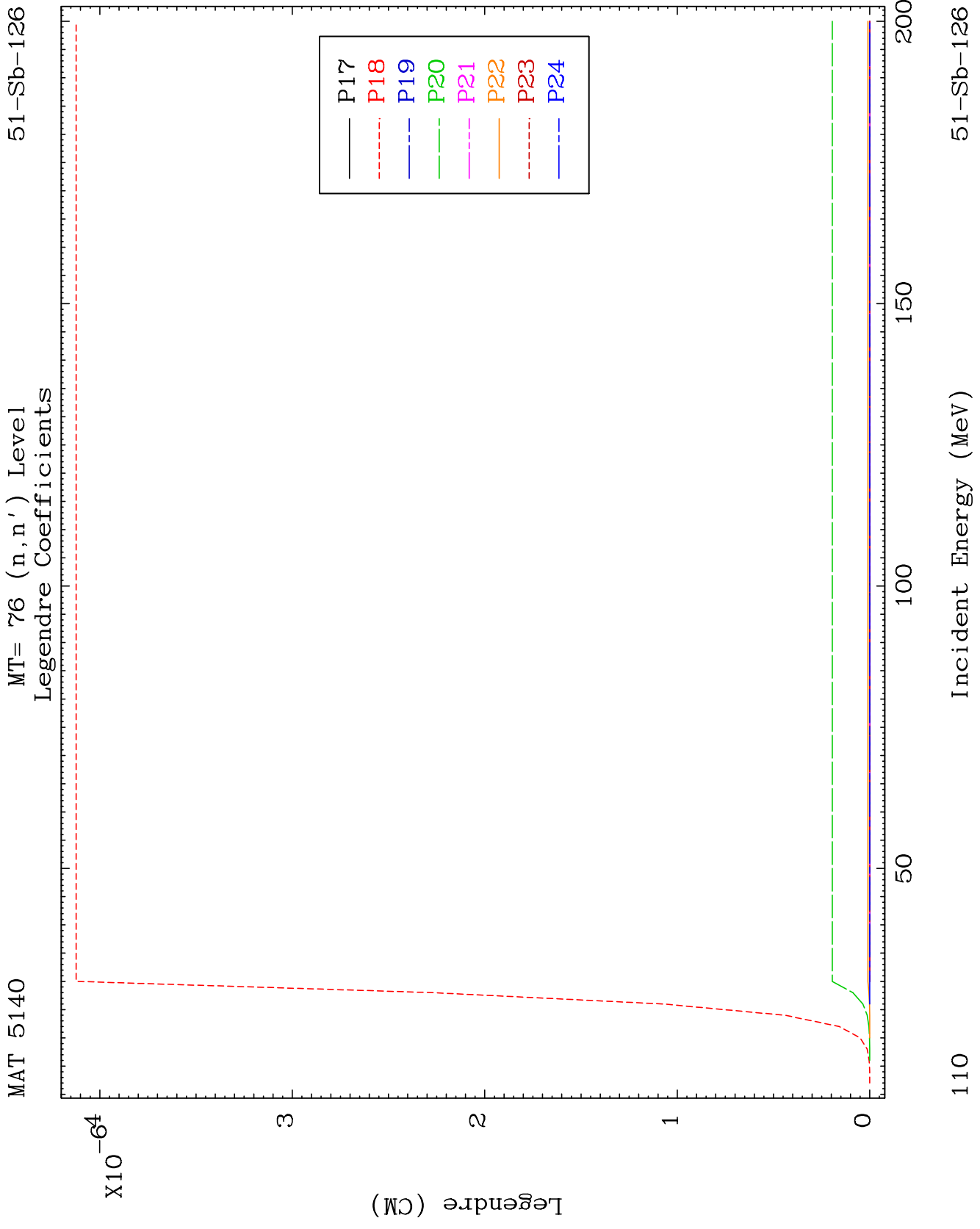


51-Sb-126

Incident Energy (MeV)

108

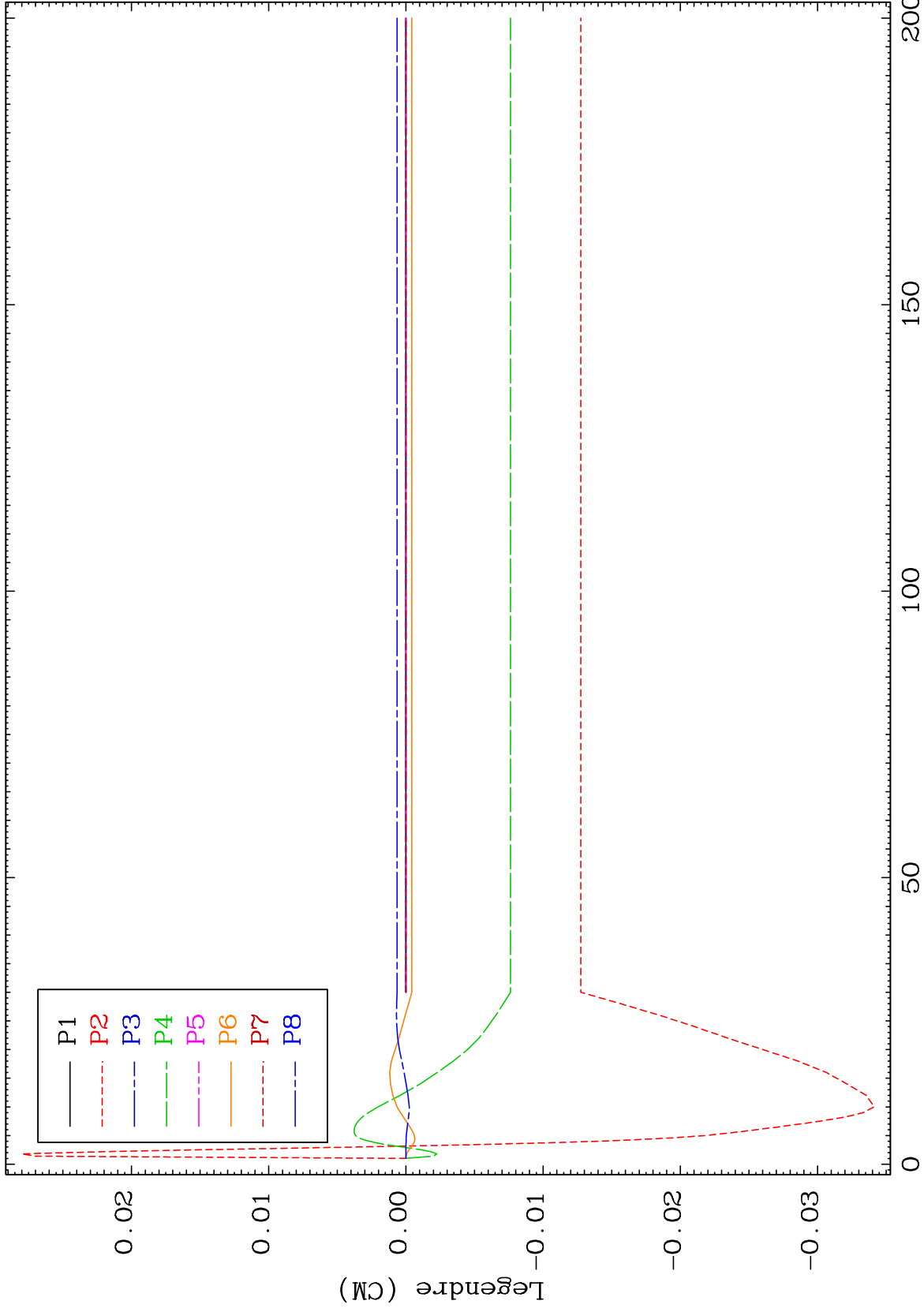




MAT 5140

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

51-Sb-126



111

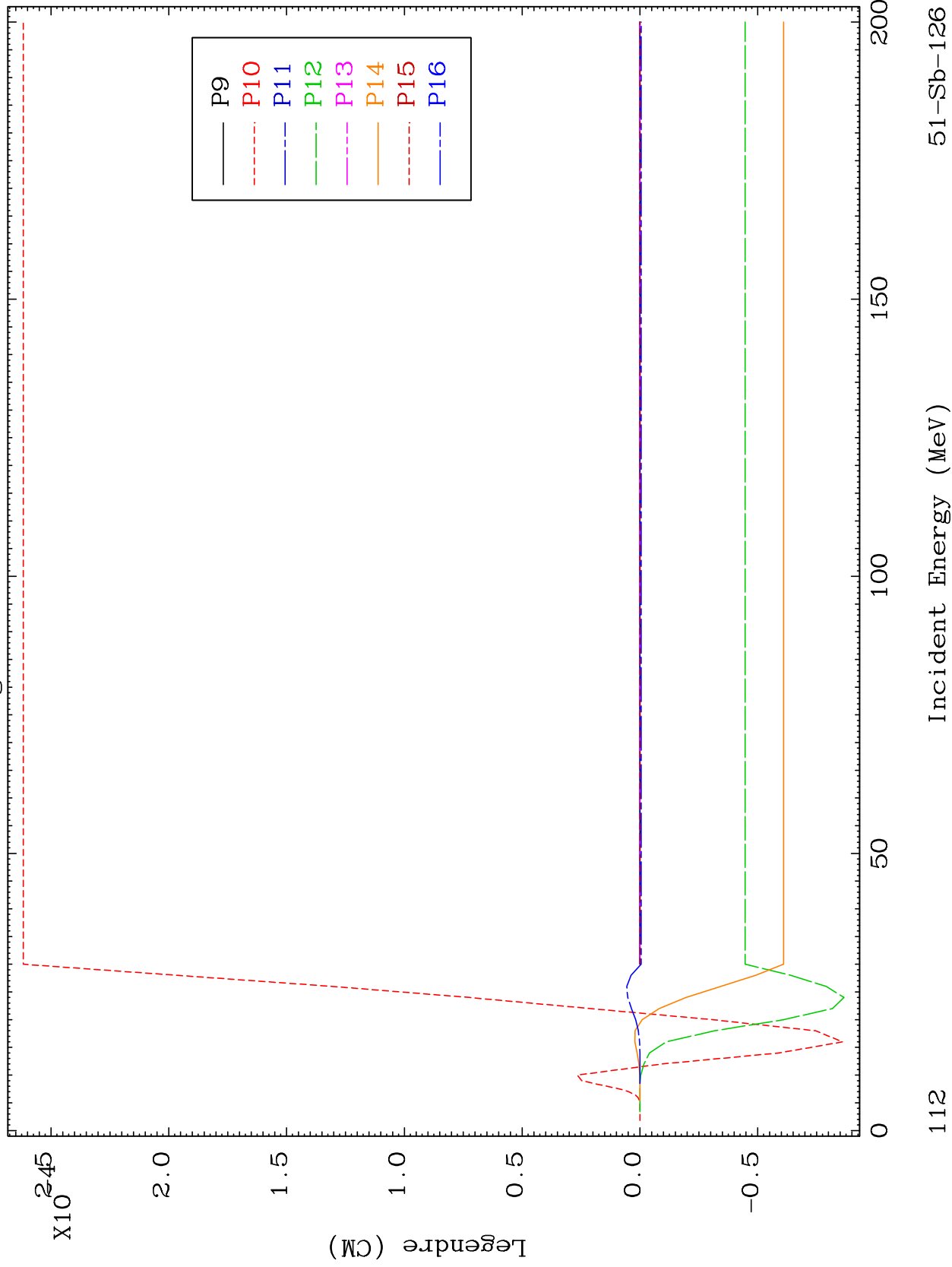
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126



51-Sb-126

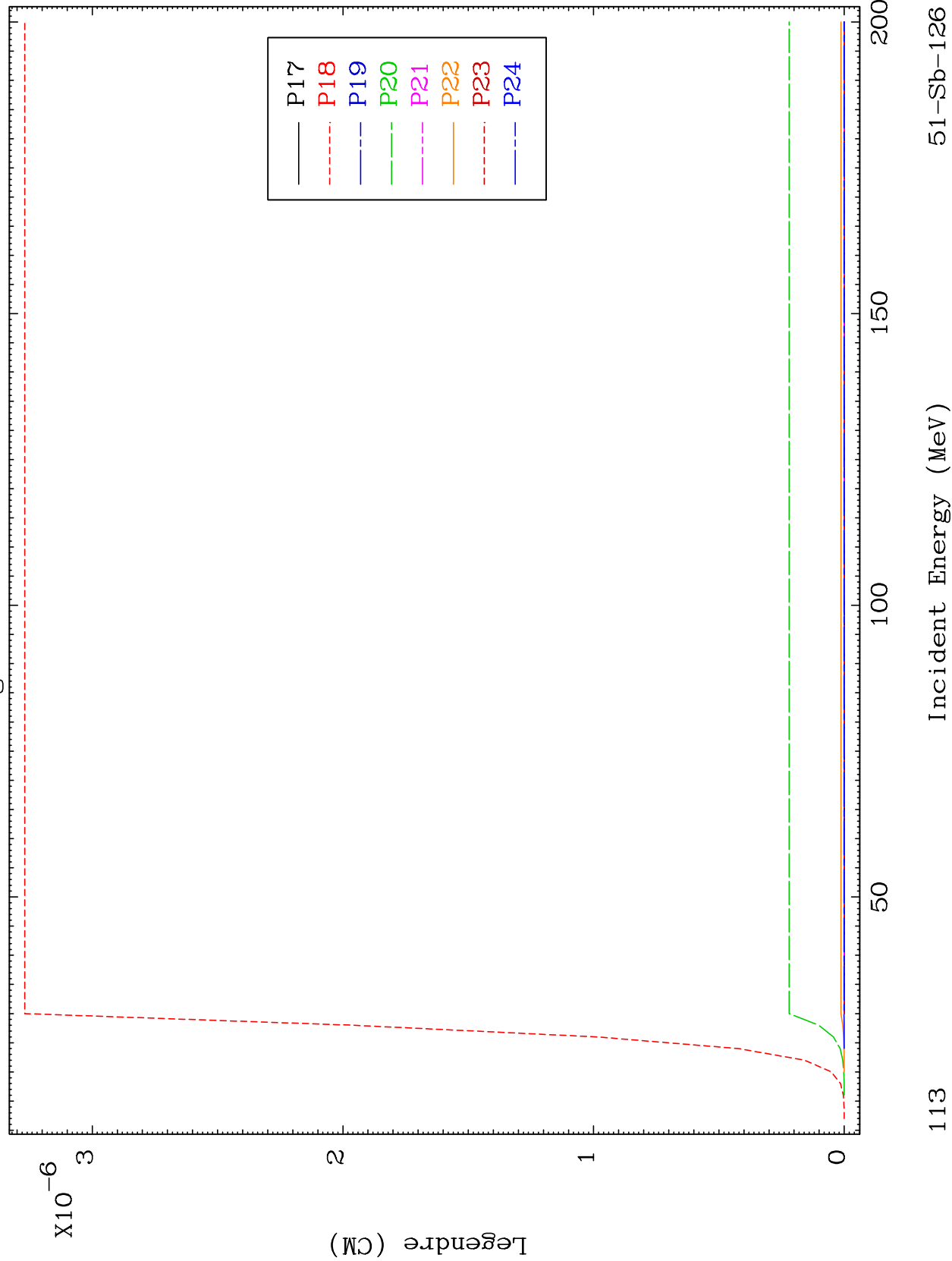
Incident Energy (MeV)

112

MAT 5140

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

51-Sb-126



113

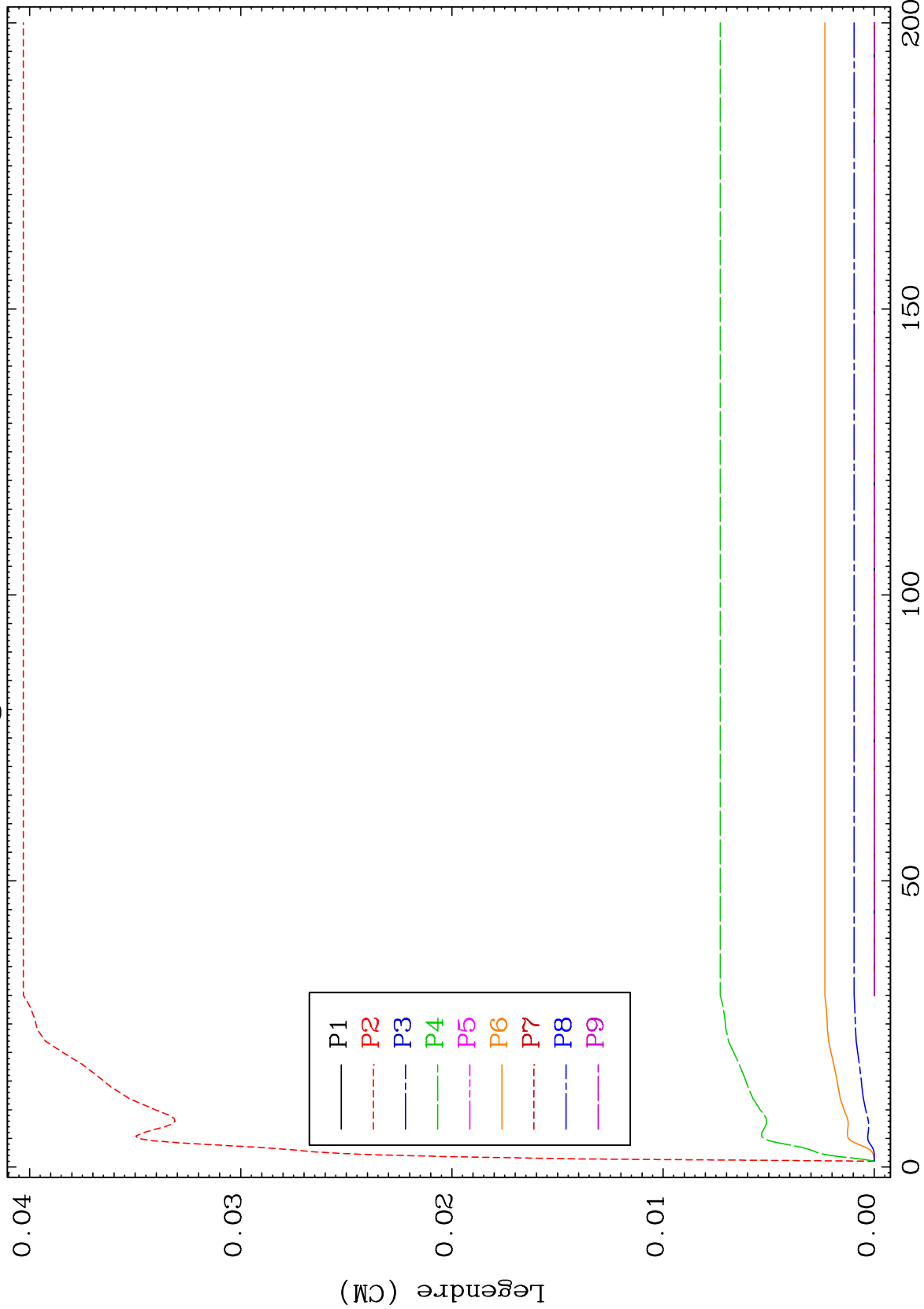
Incident Energy (MeV)

51-Sb-126

MAT 5140

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

51-Sb-126



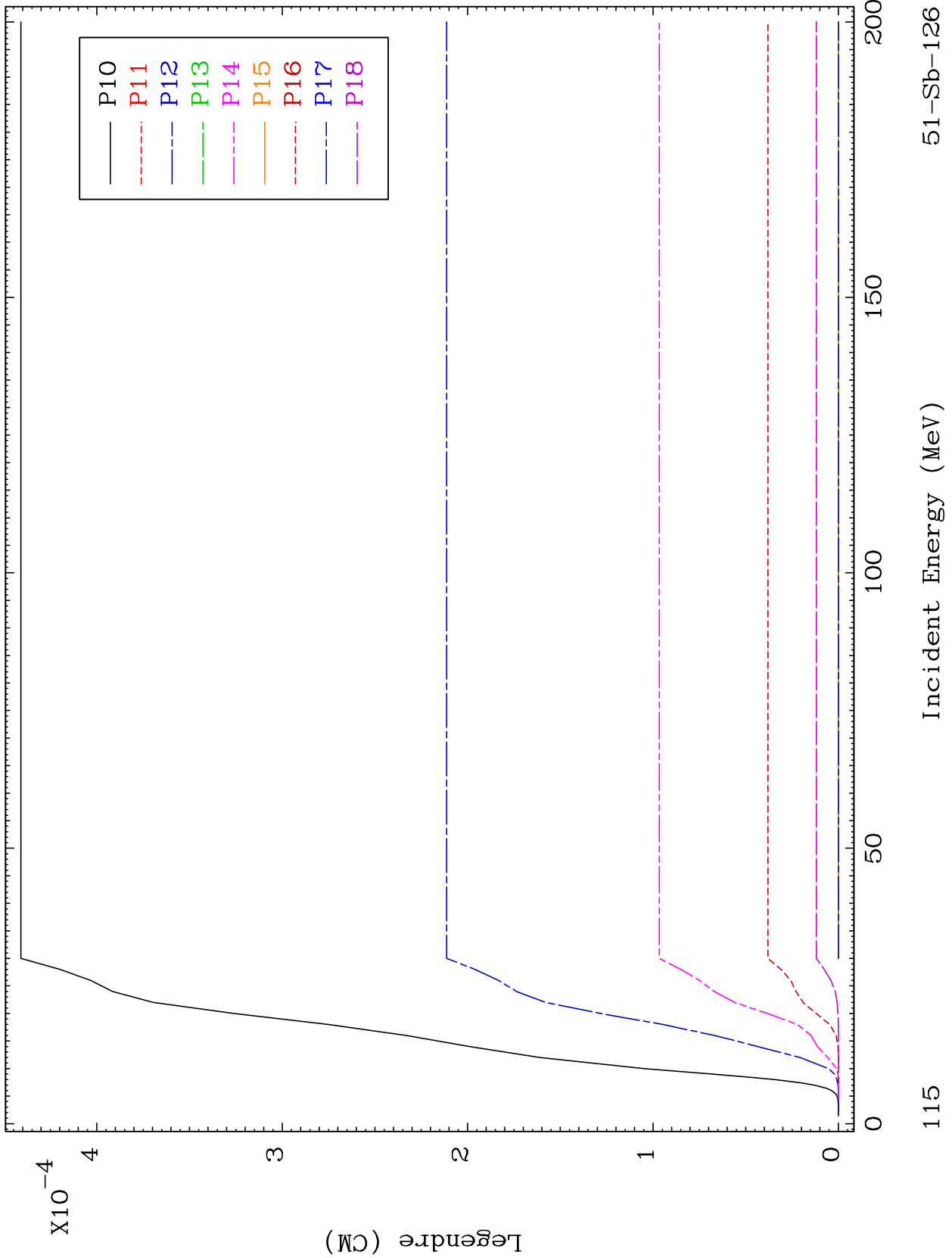
114

51-Sb-126

MAT 5140

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

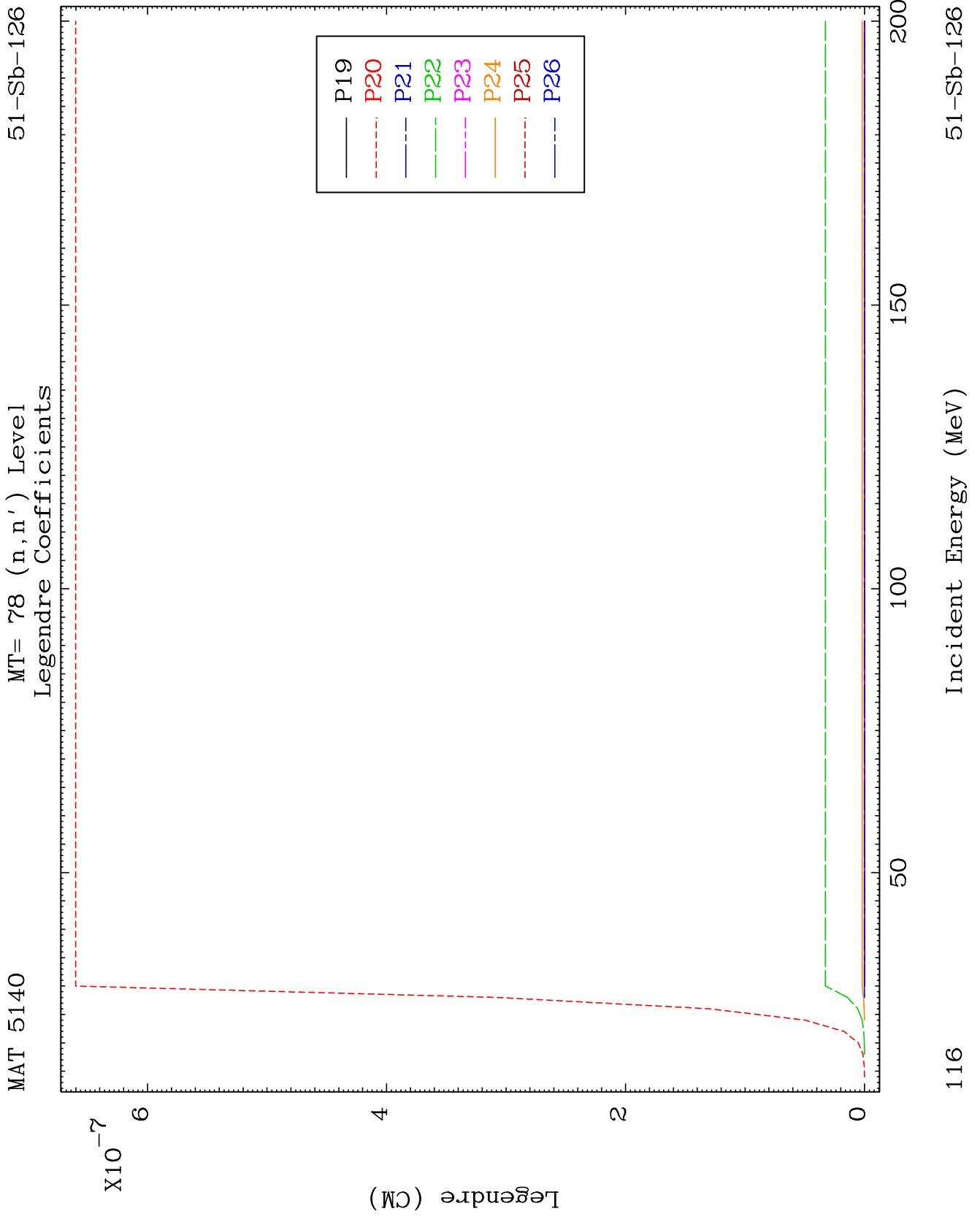
51-Sb-126

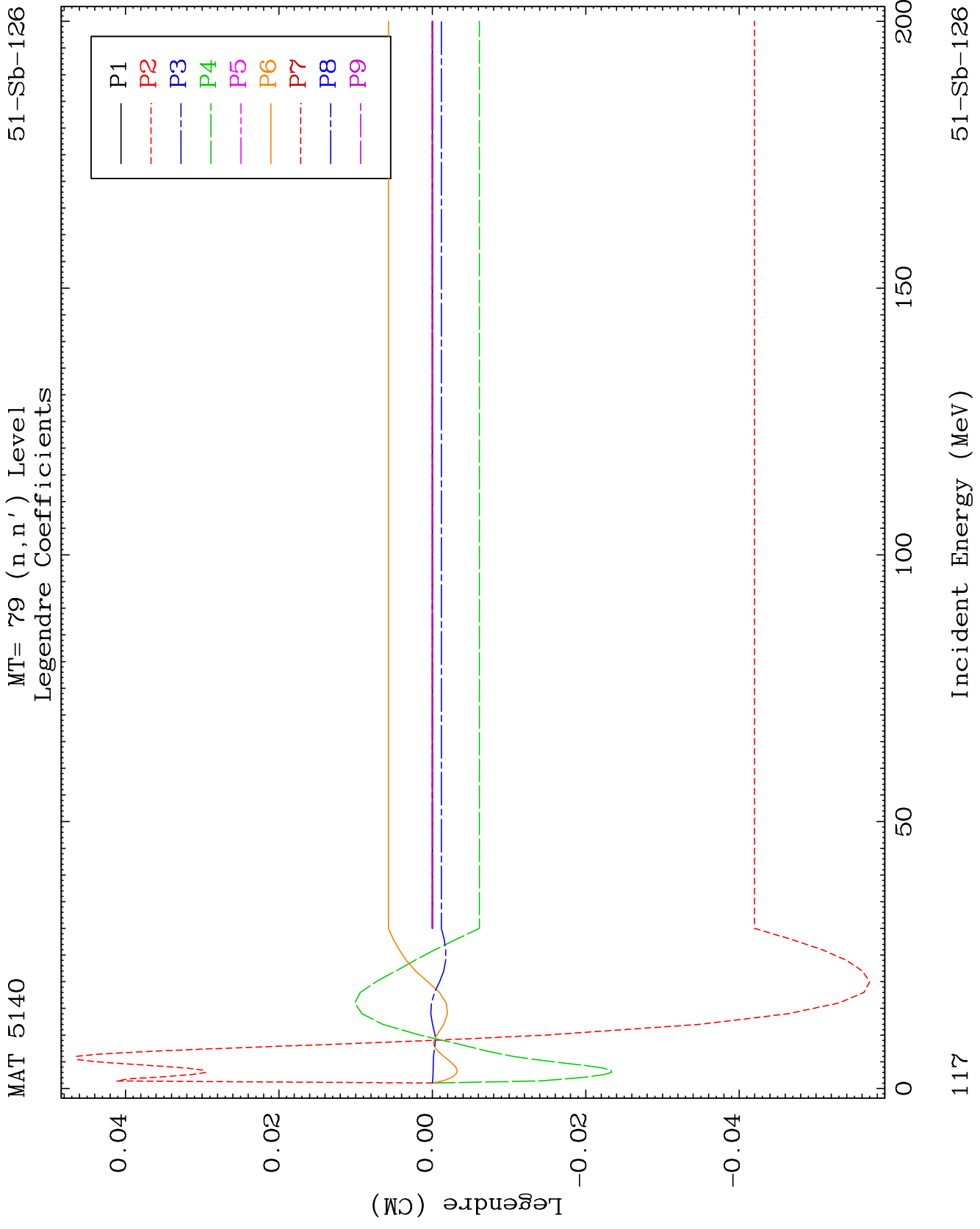


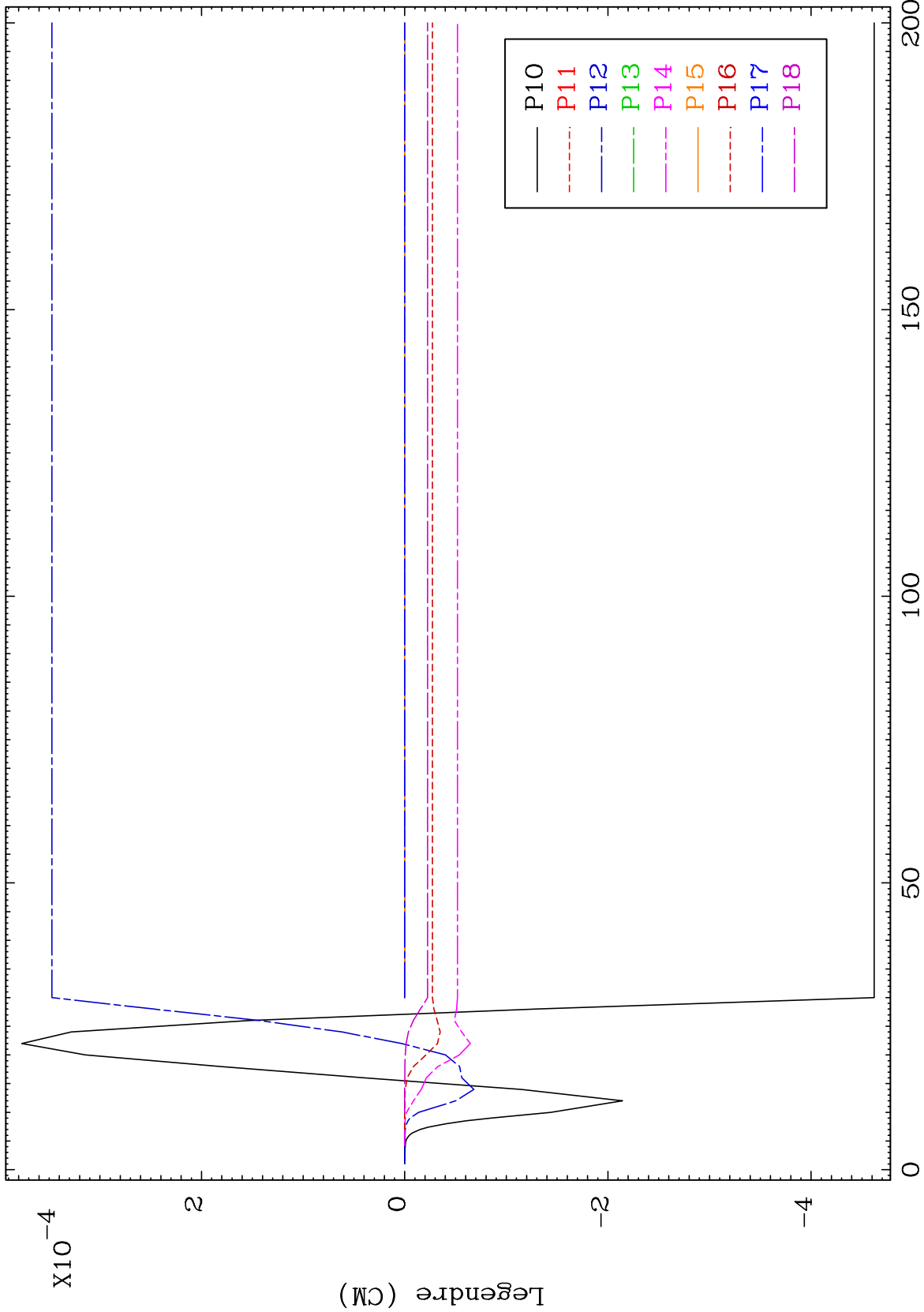
51-Sb-126

Incident Energy (MeV)

115



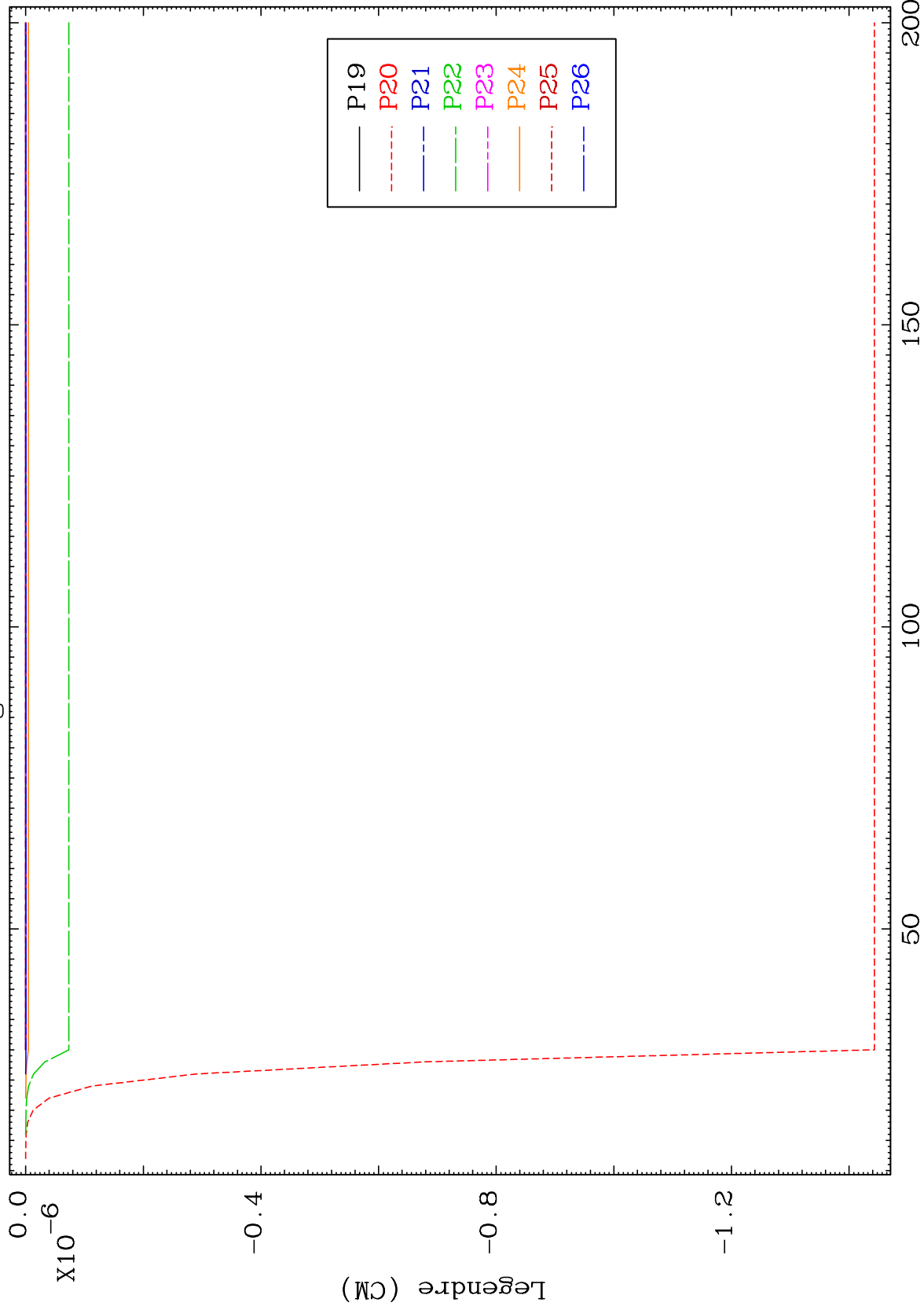




MAT 5140

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

51-Sb-126



51-Sb-126

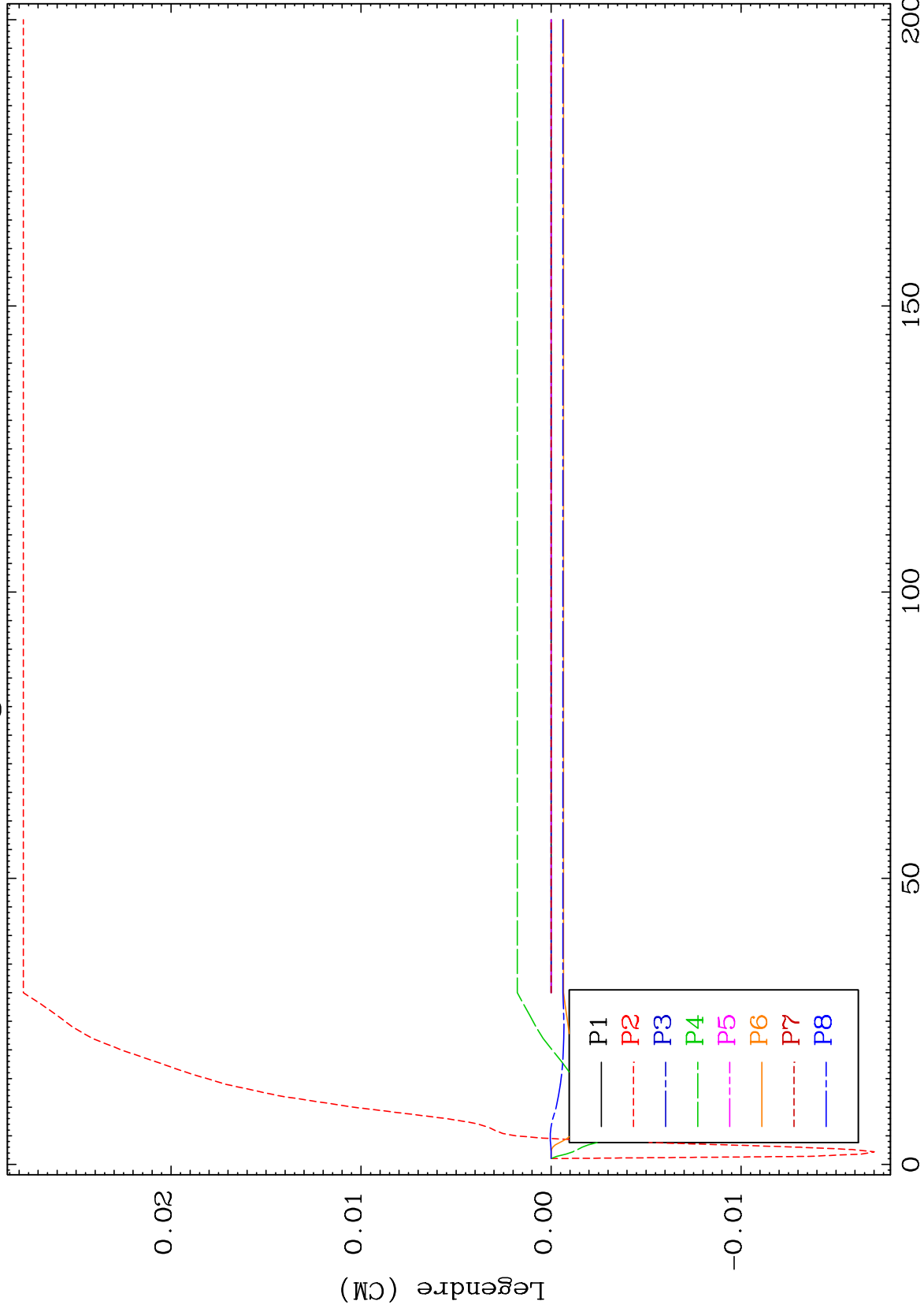
Incident Energy (MeV)

119

MAT 5140

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

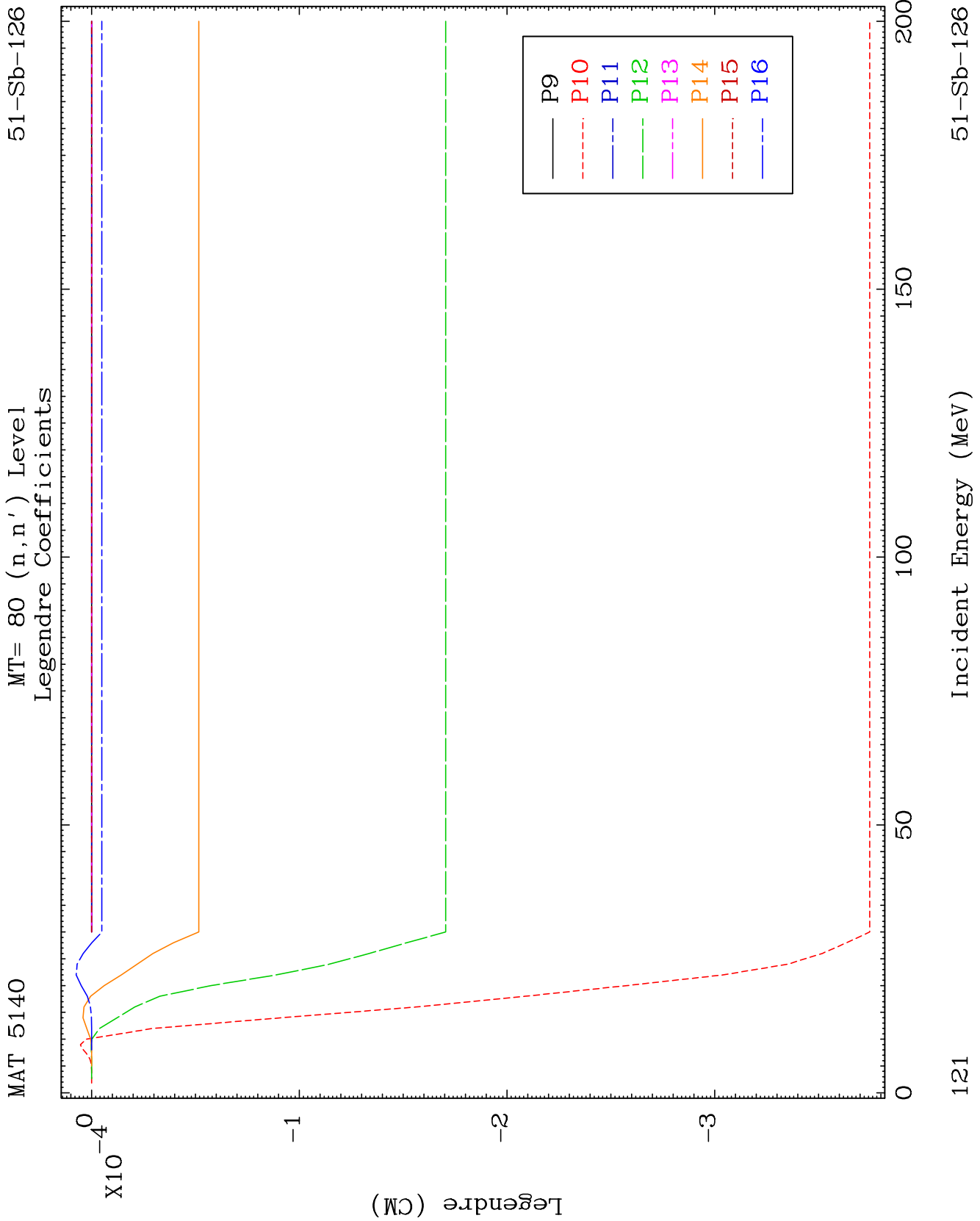
51-Sb-126

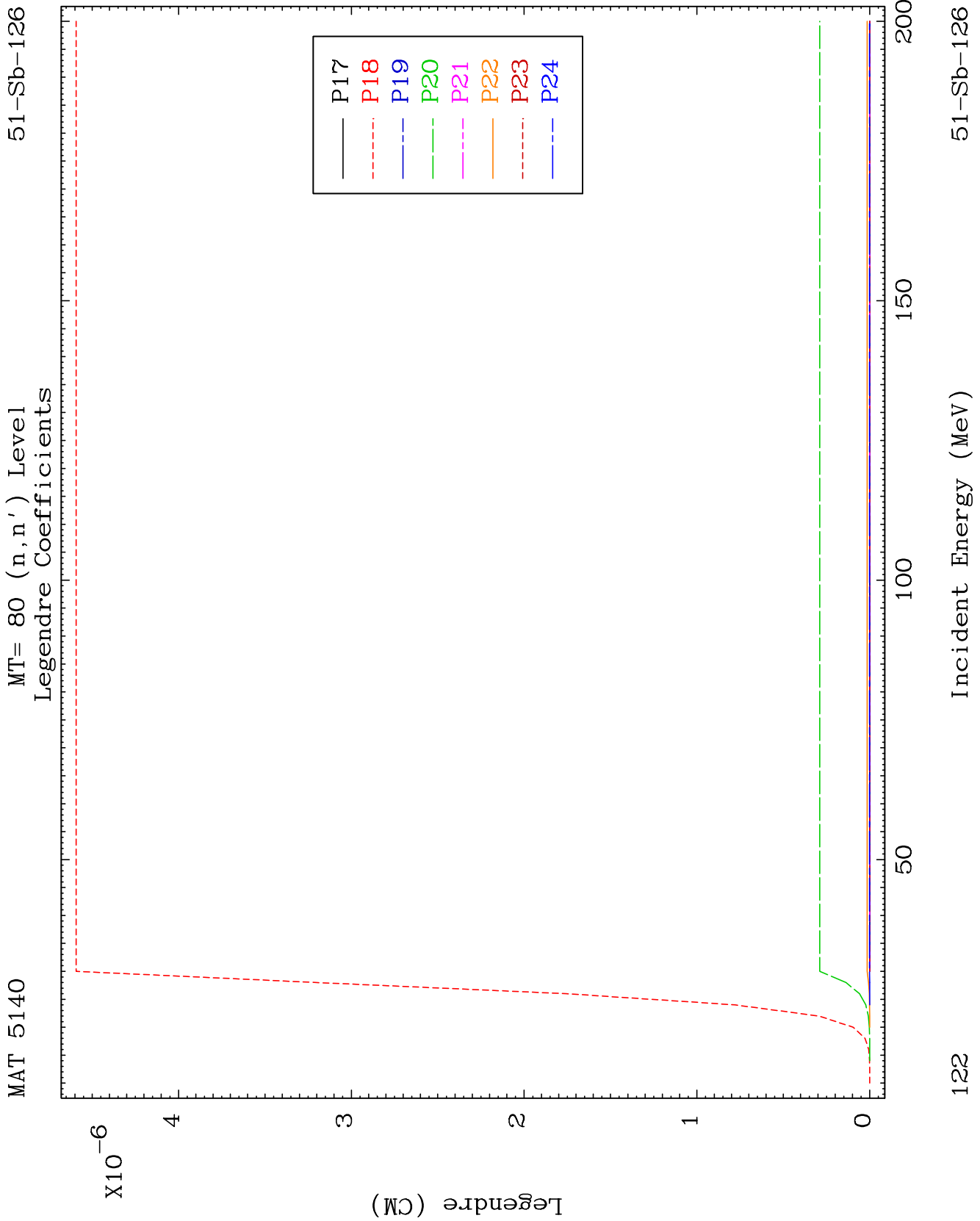


51-Sb-126

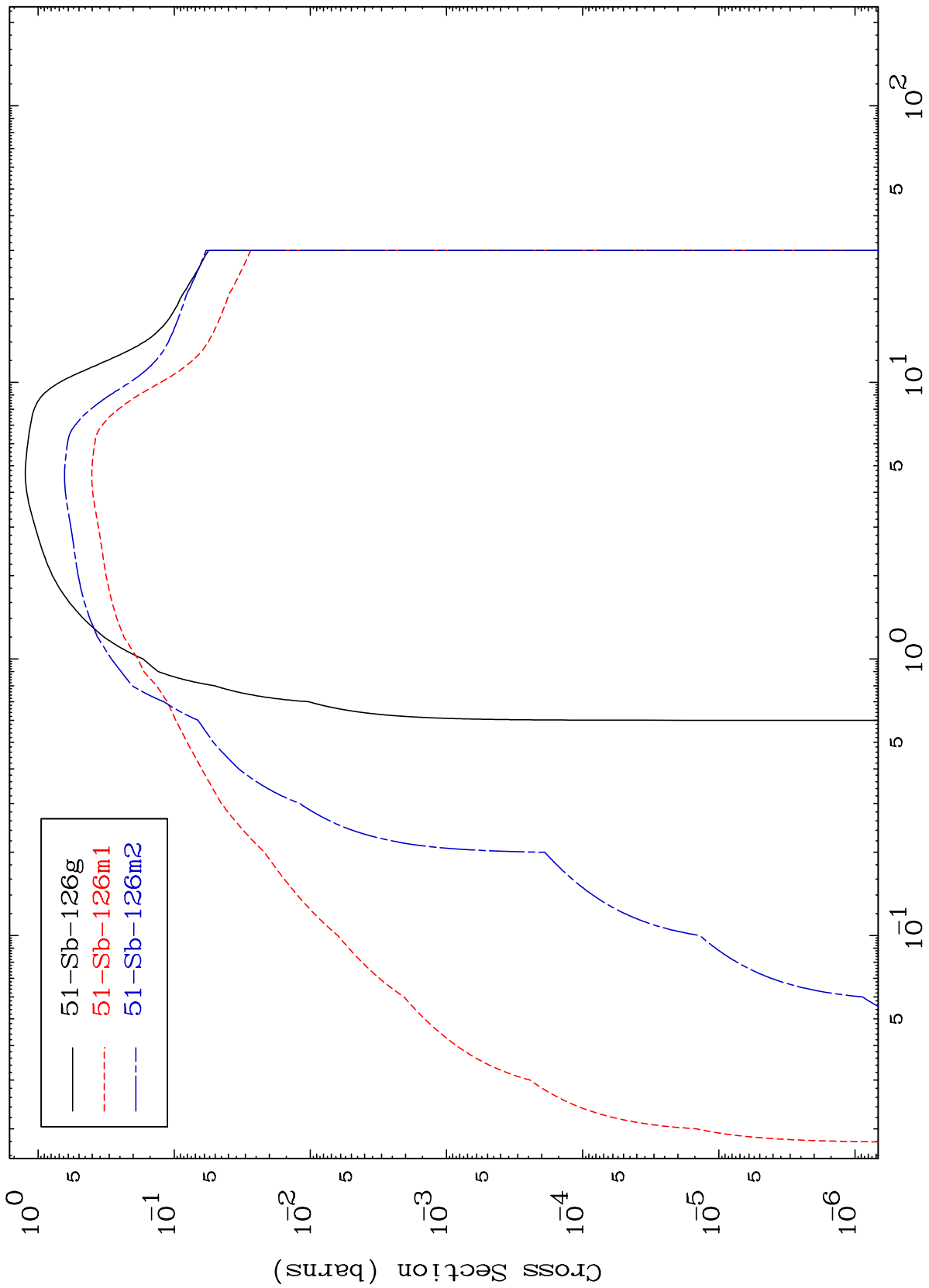
Incident Energy (MeV)

120





Radionuclide Production Cross Section



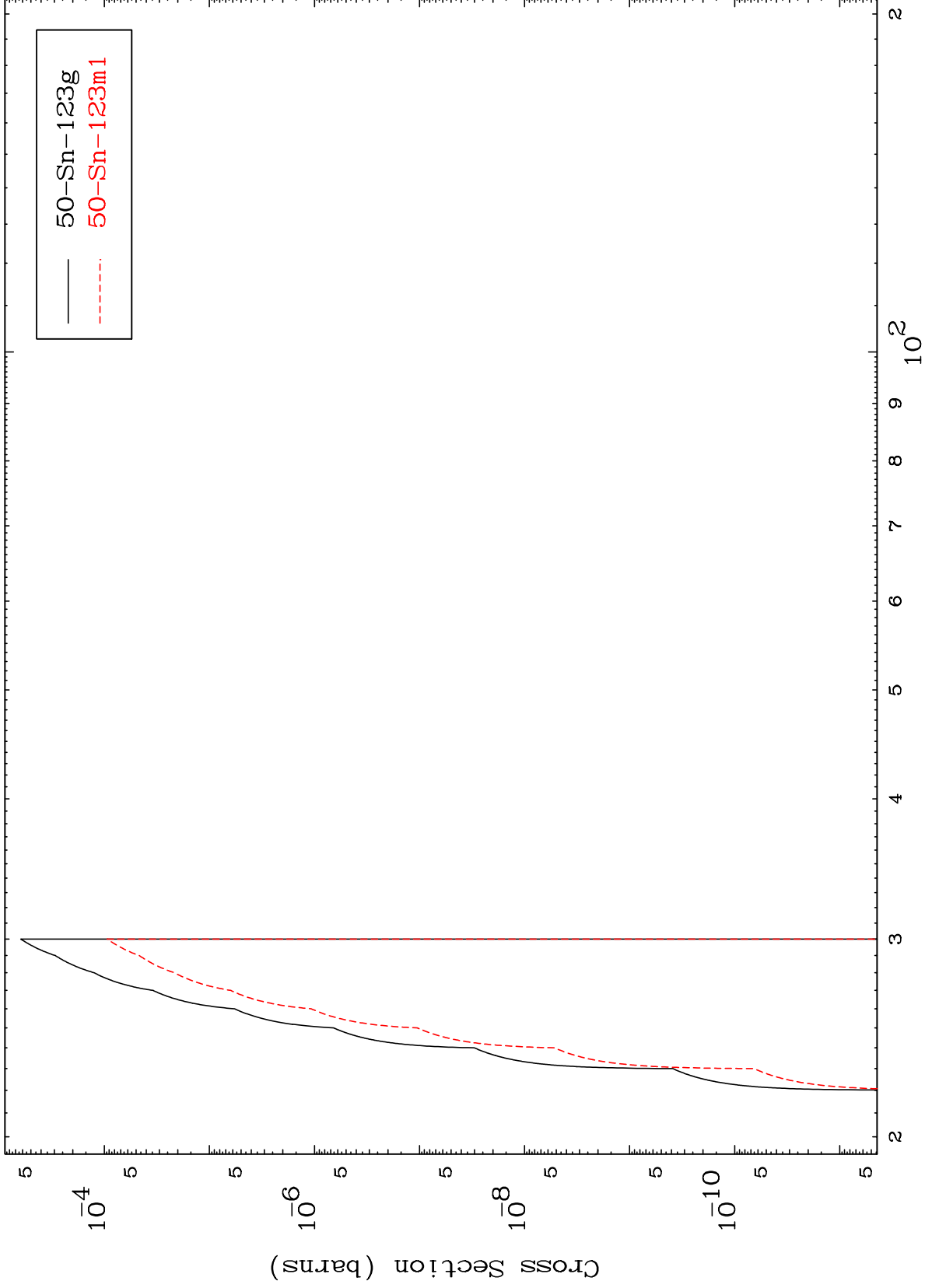
51-Sb-126g
51-Sb-126m1
51-Sb-126m2

MAT 5140

(n,2n) d

51-Sb-126

Radionuclide Production Cross Section



124

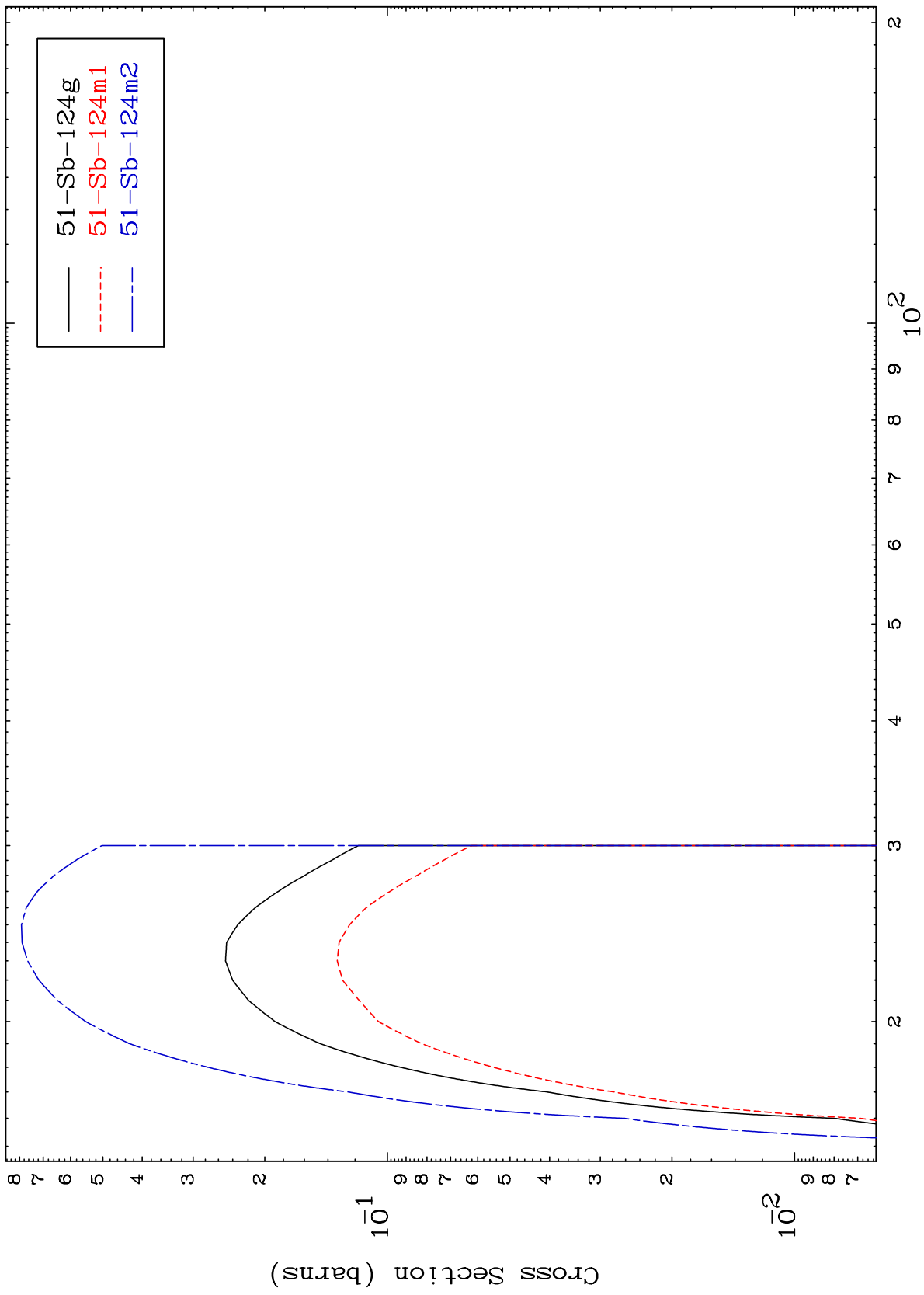
Incident Energy (MeV)

51-Sb-126

MAT 5140

51-Sb-126

(n,3n)
Radionuclide Production Cross Section

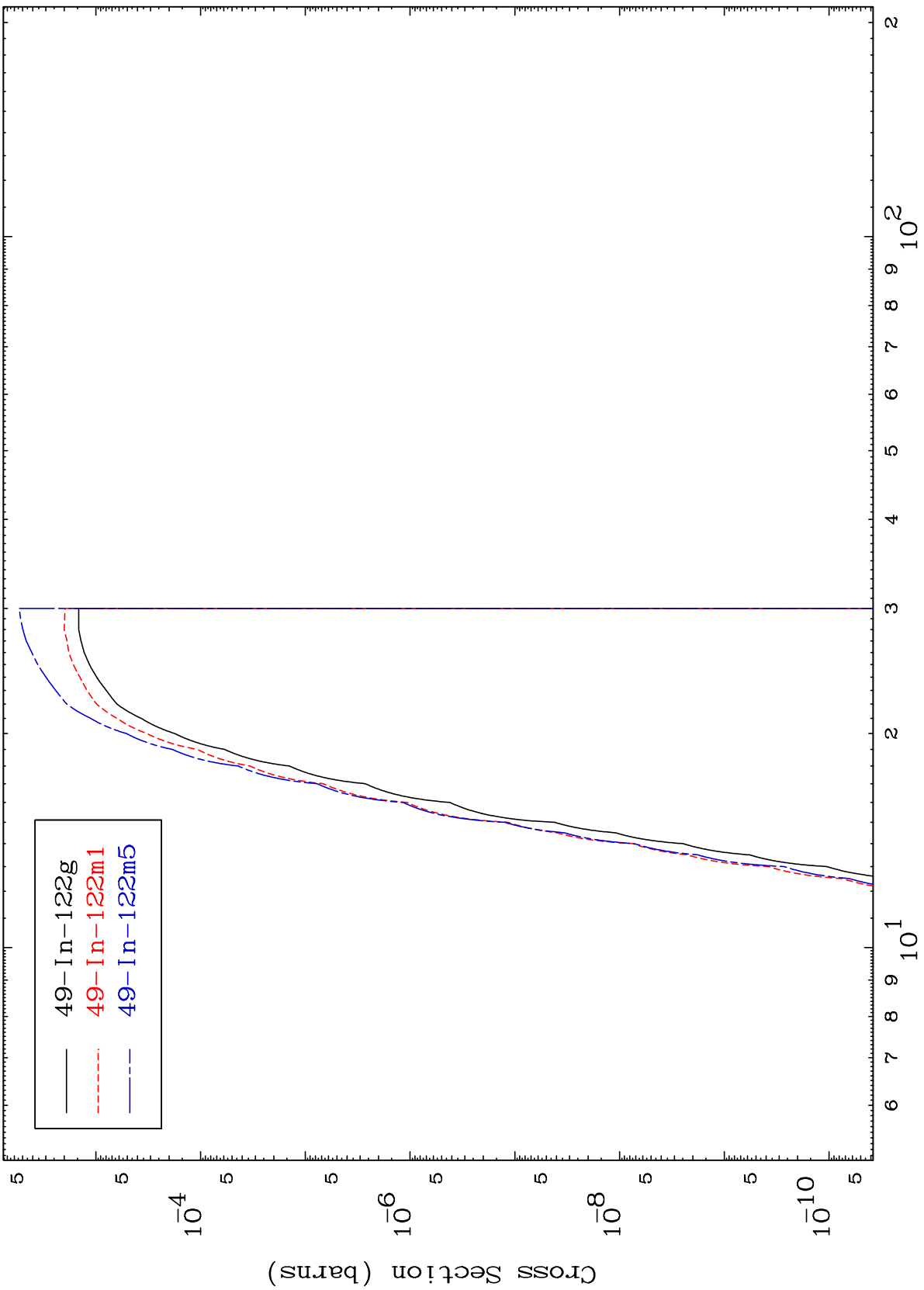


125

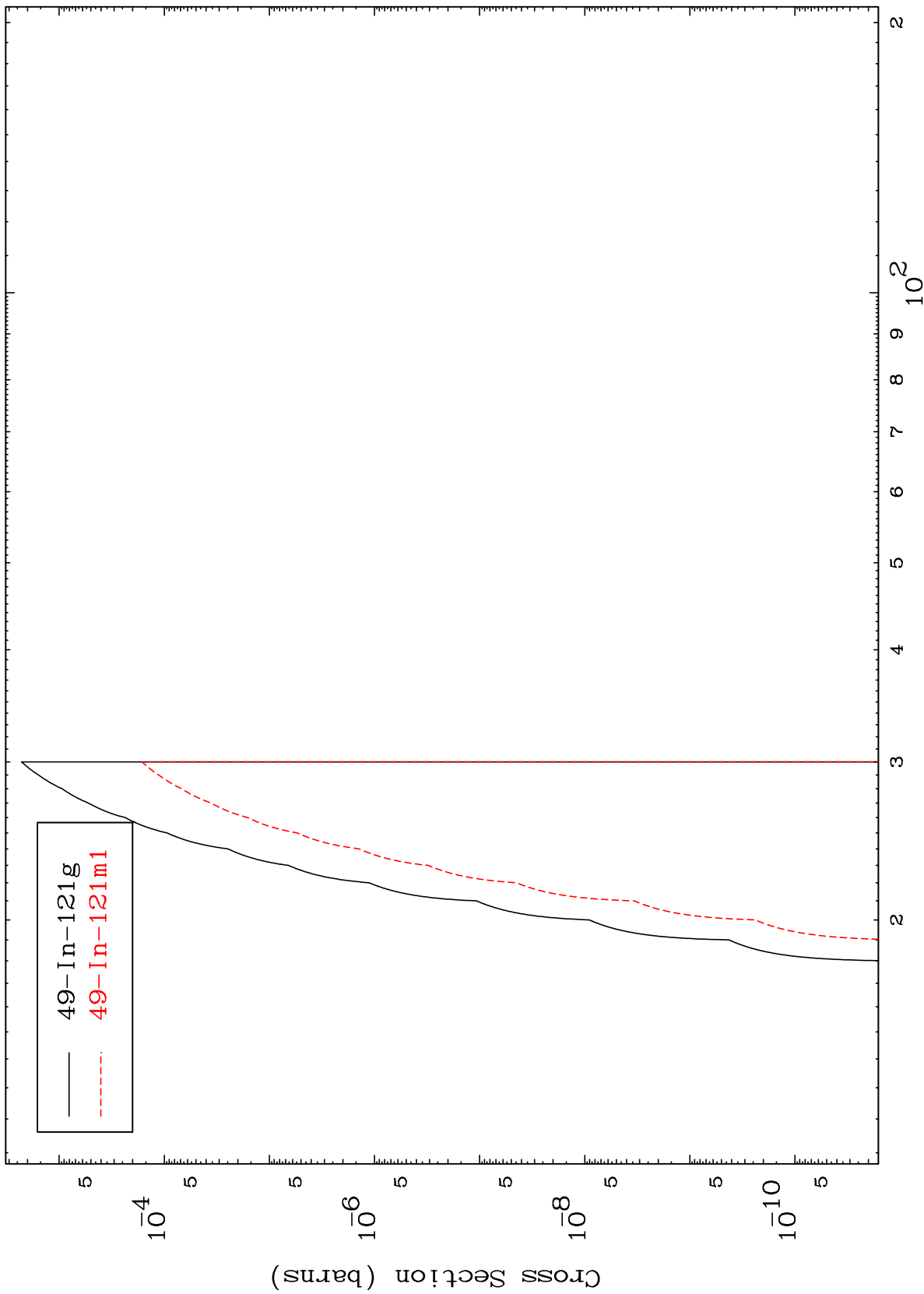
Incident Energy (MeV)

51-Sb-126

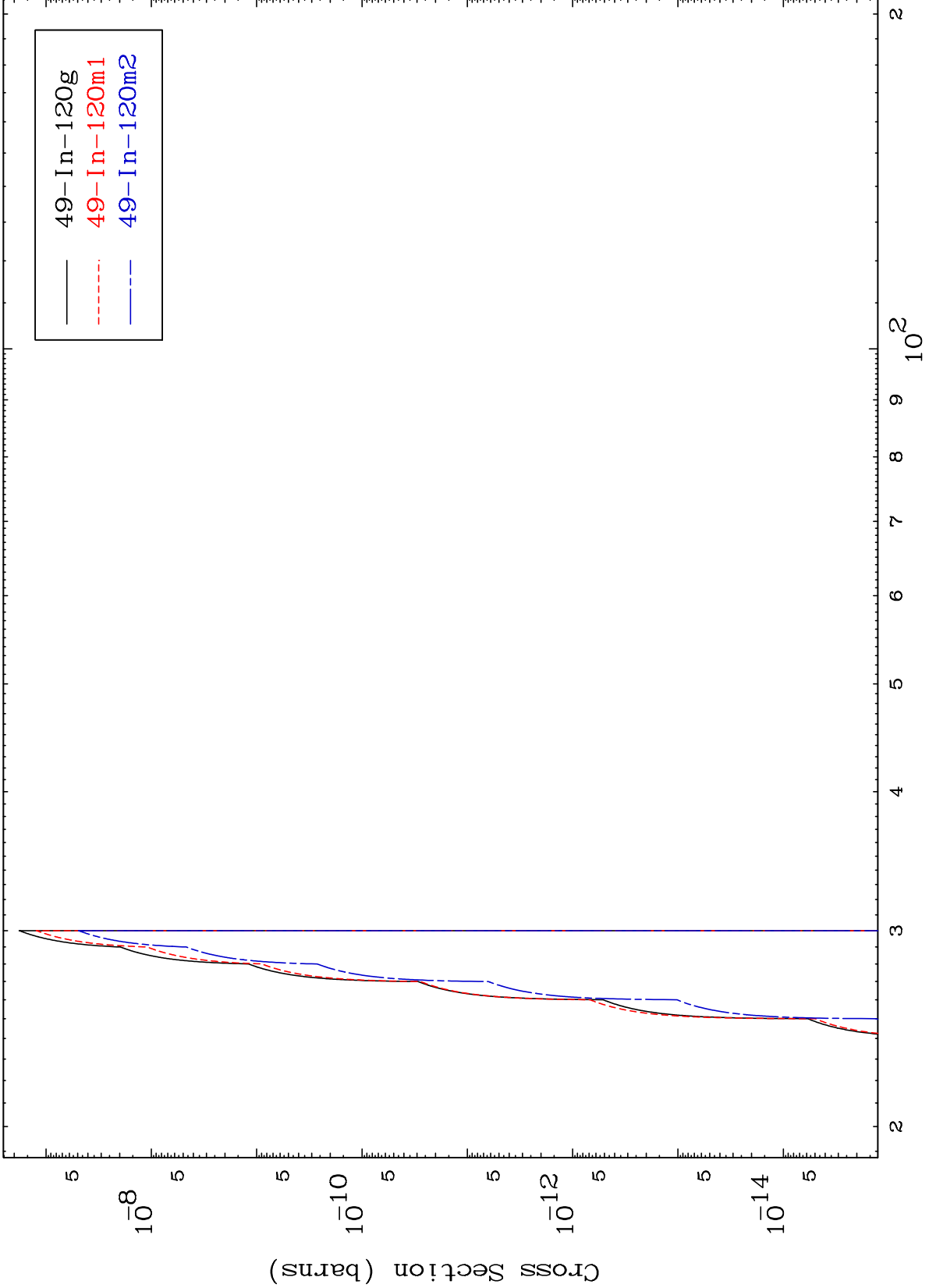
(n,n') α
Radionuclide Production Cross Section



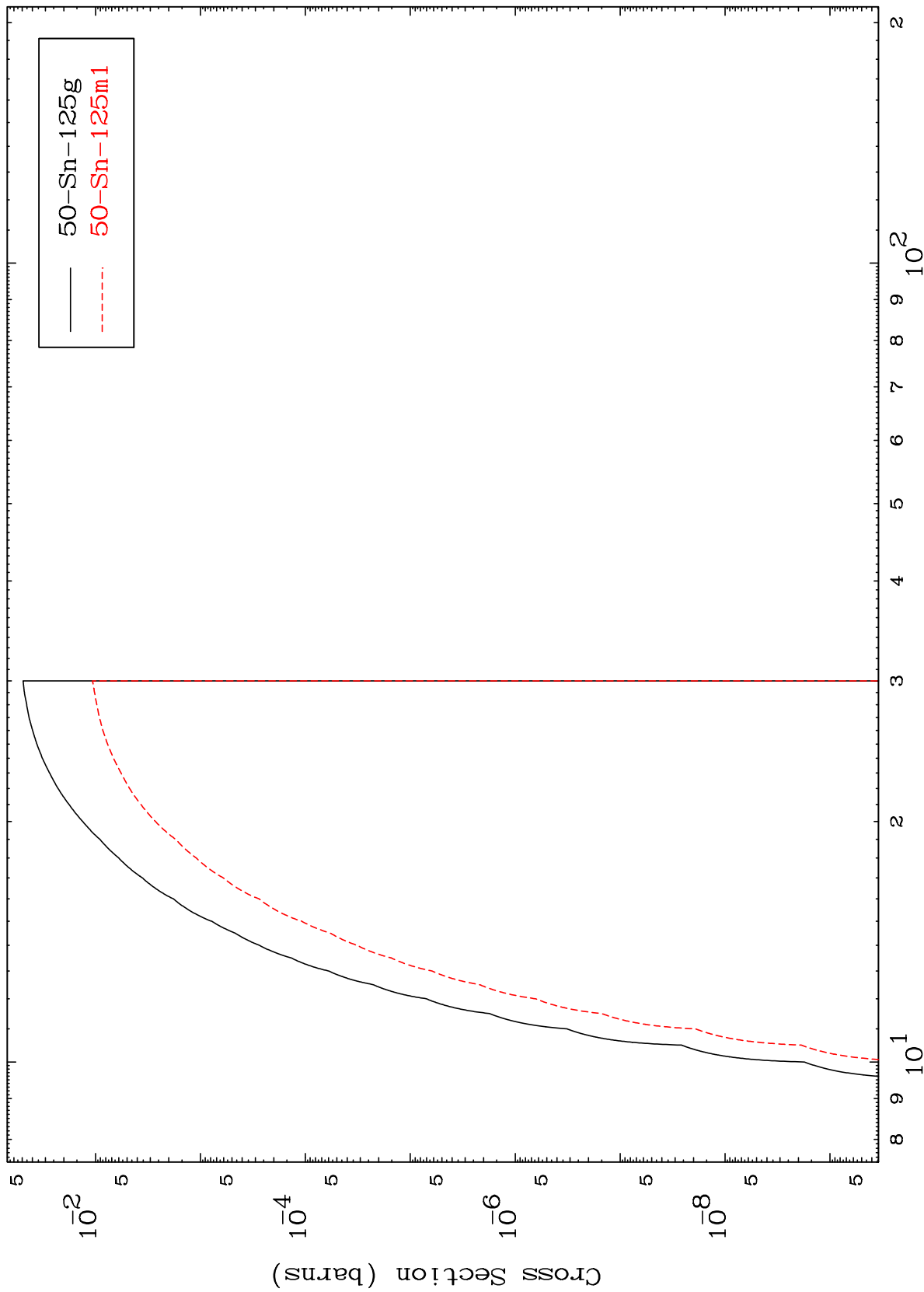
(n,2n) α
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

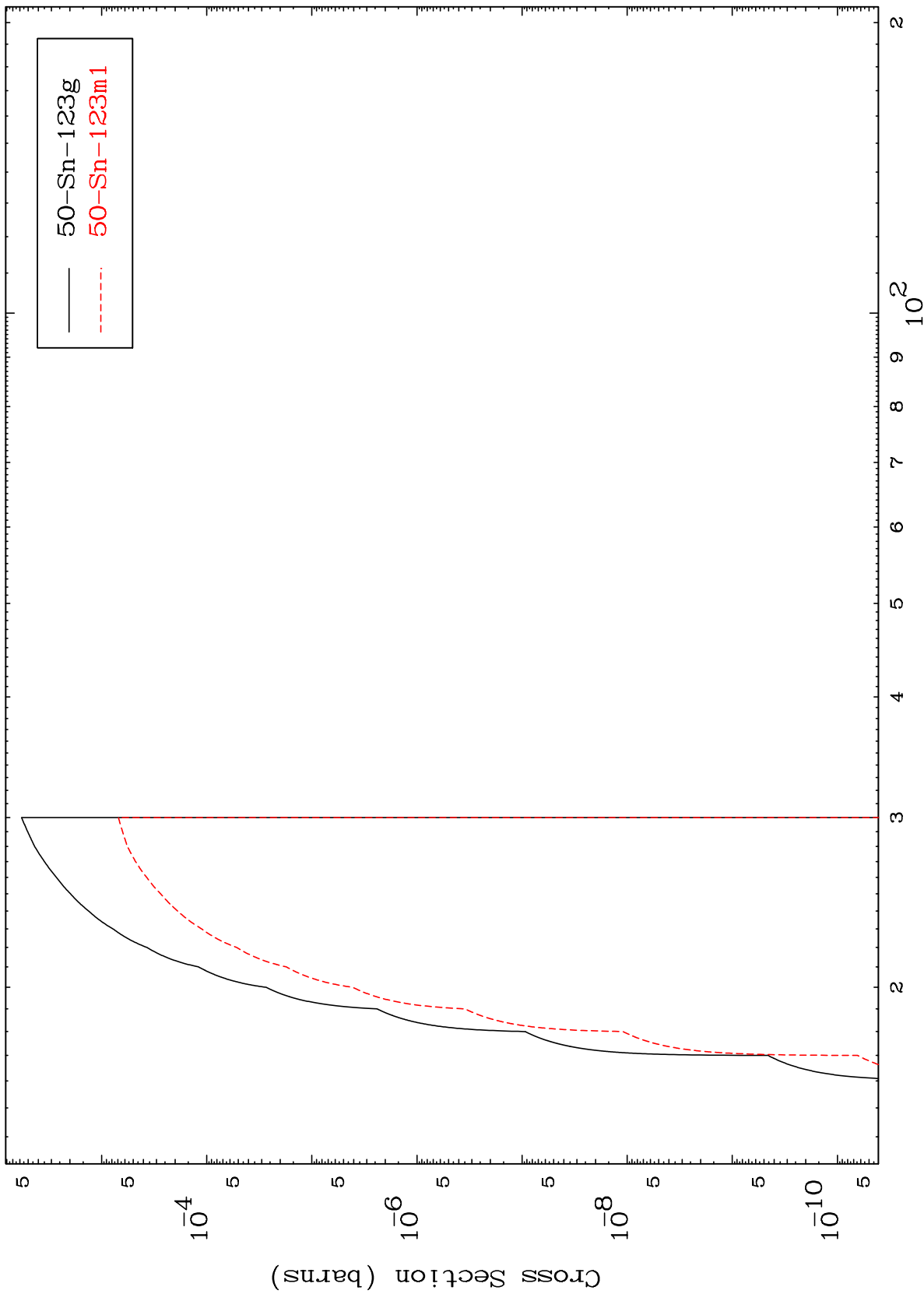


MAT 5140

(n,n') t

51-Sb-126

Radionuclide Production Cross Section



130

Incident Energy (MeV)

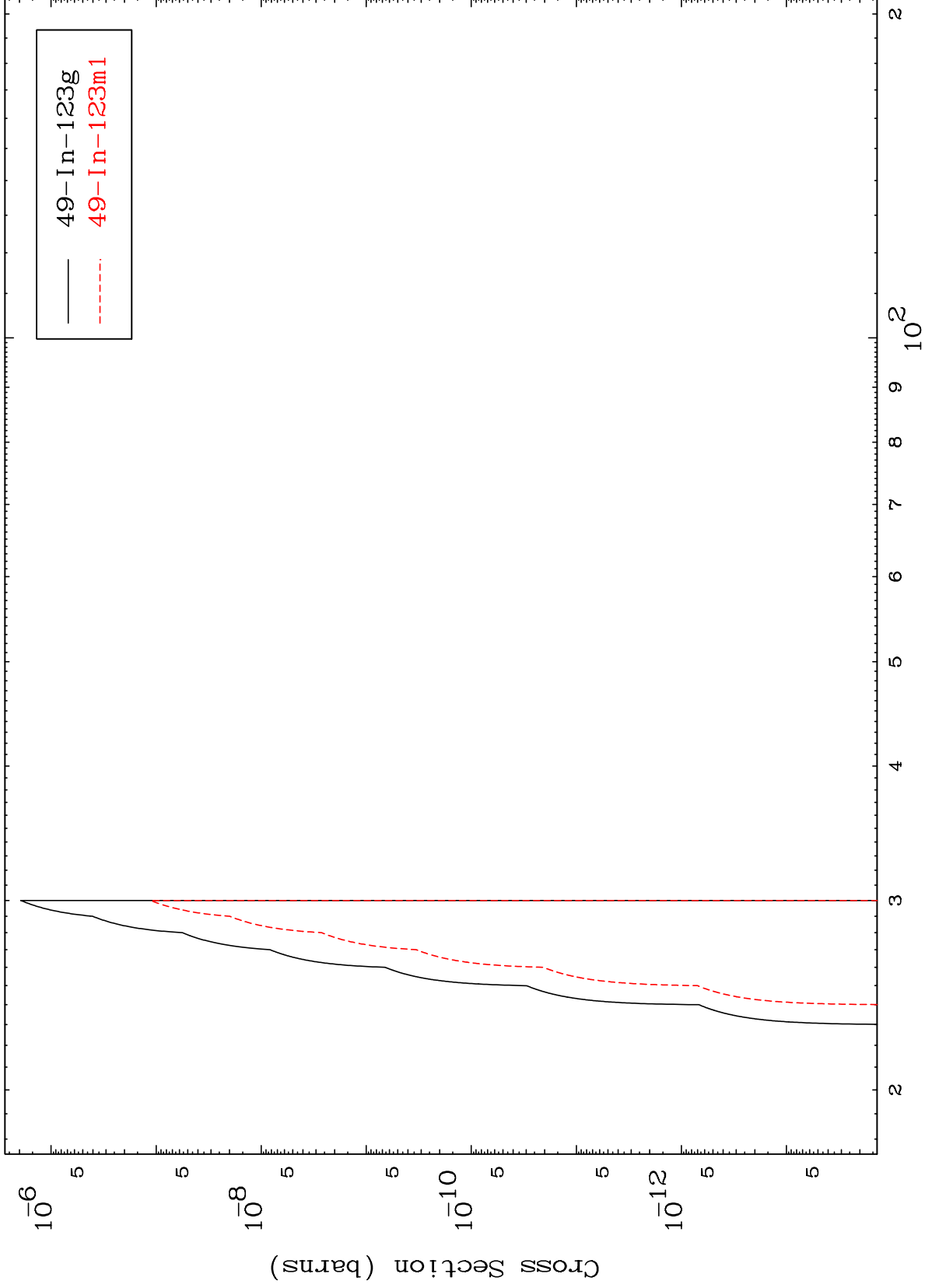
51-Sb-126

MAT 5140

(n,n') He-3

51-Sb-126

Radionuclide Production Cross Section

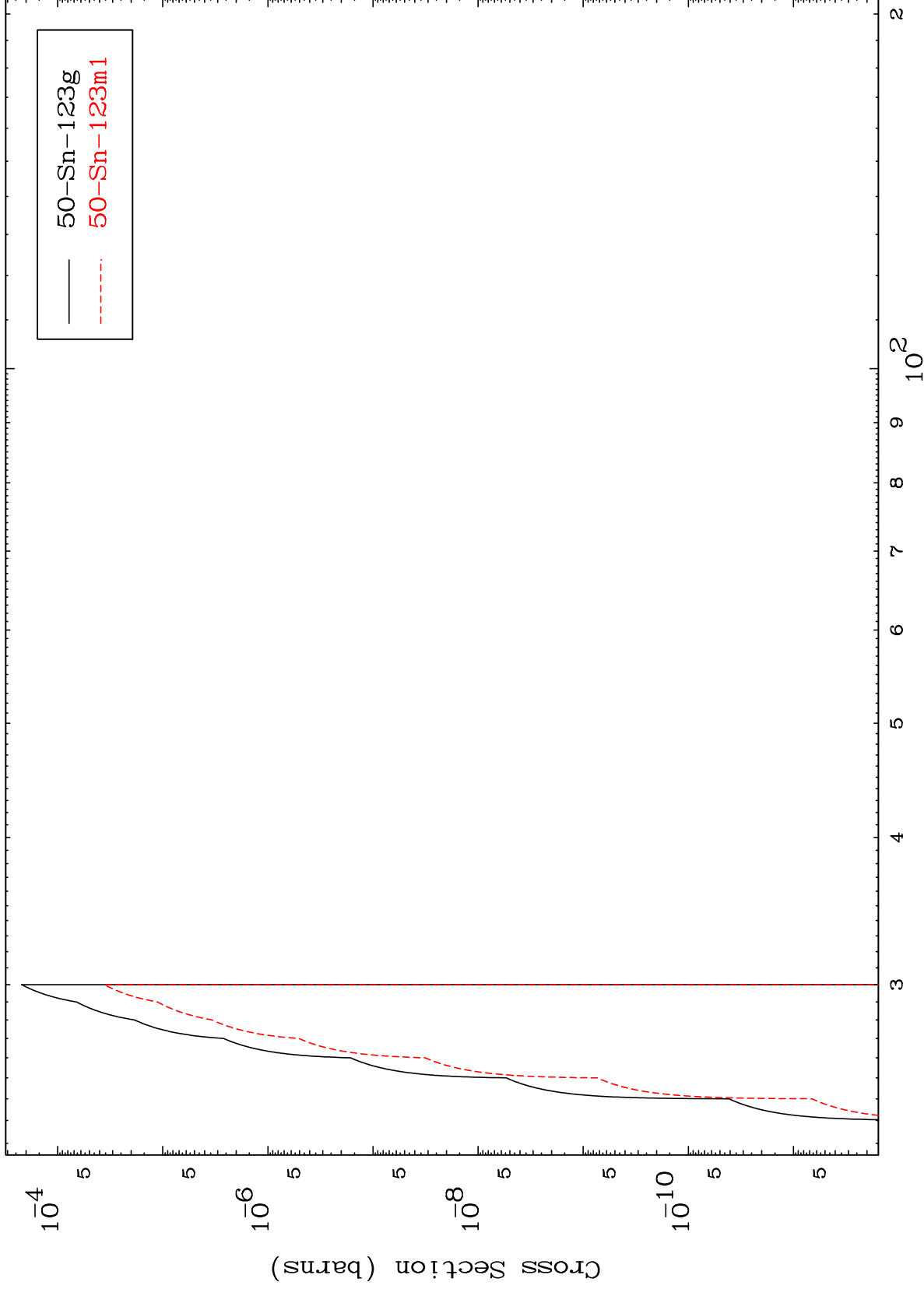


131

Incident Energy (MeV)

51-Sb-126

Radionuclide Production Cross Section

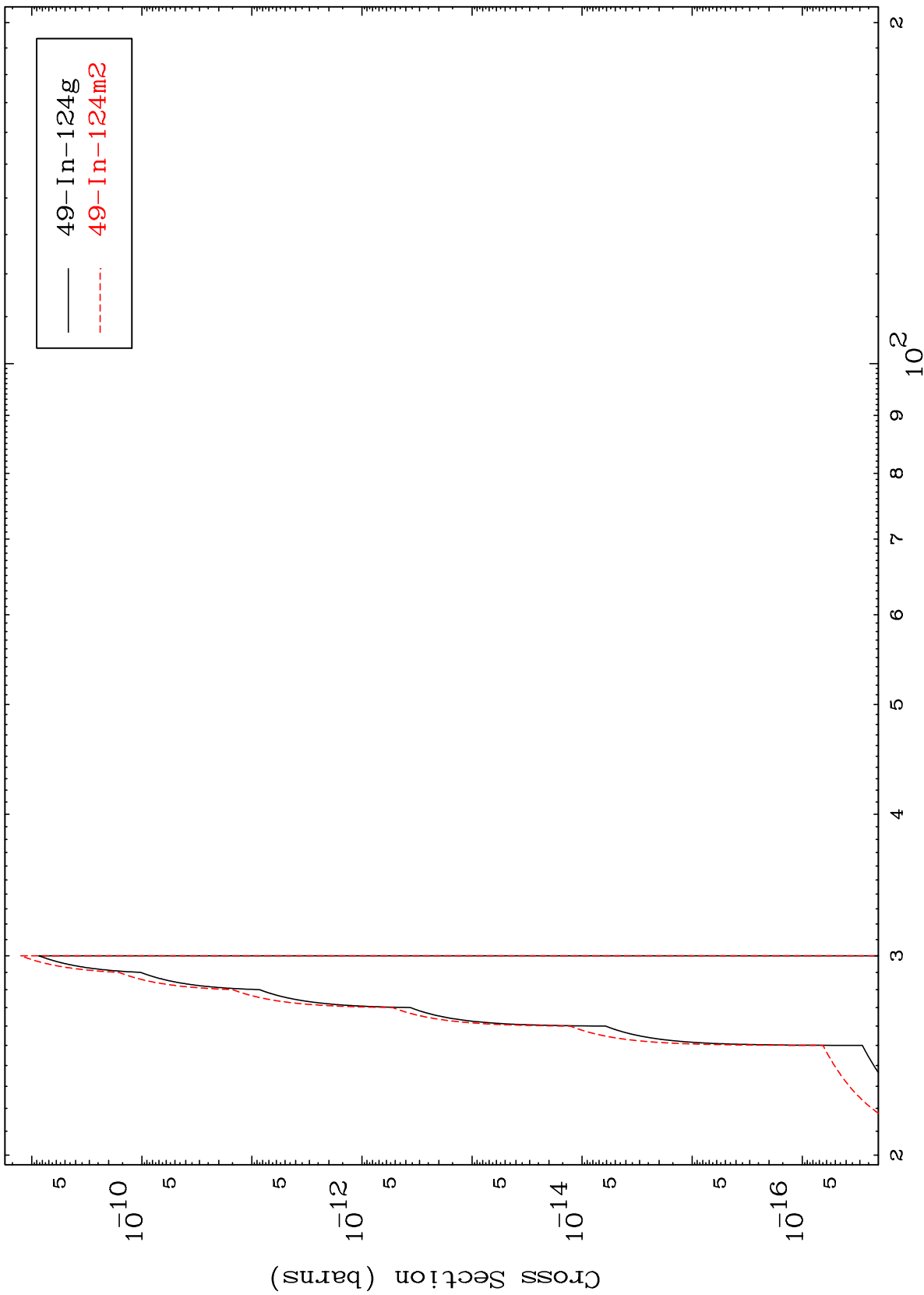


MAT 5140

(n,2n) p

51-Sb-126

Radionuclide Production Cross Section



133

Incident Energy (MeV)

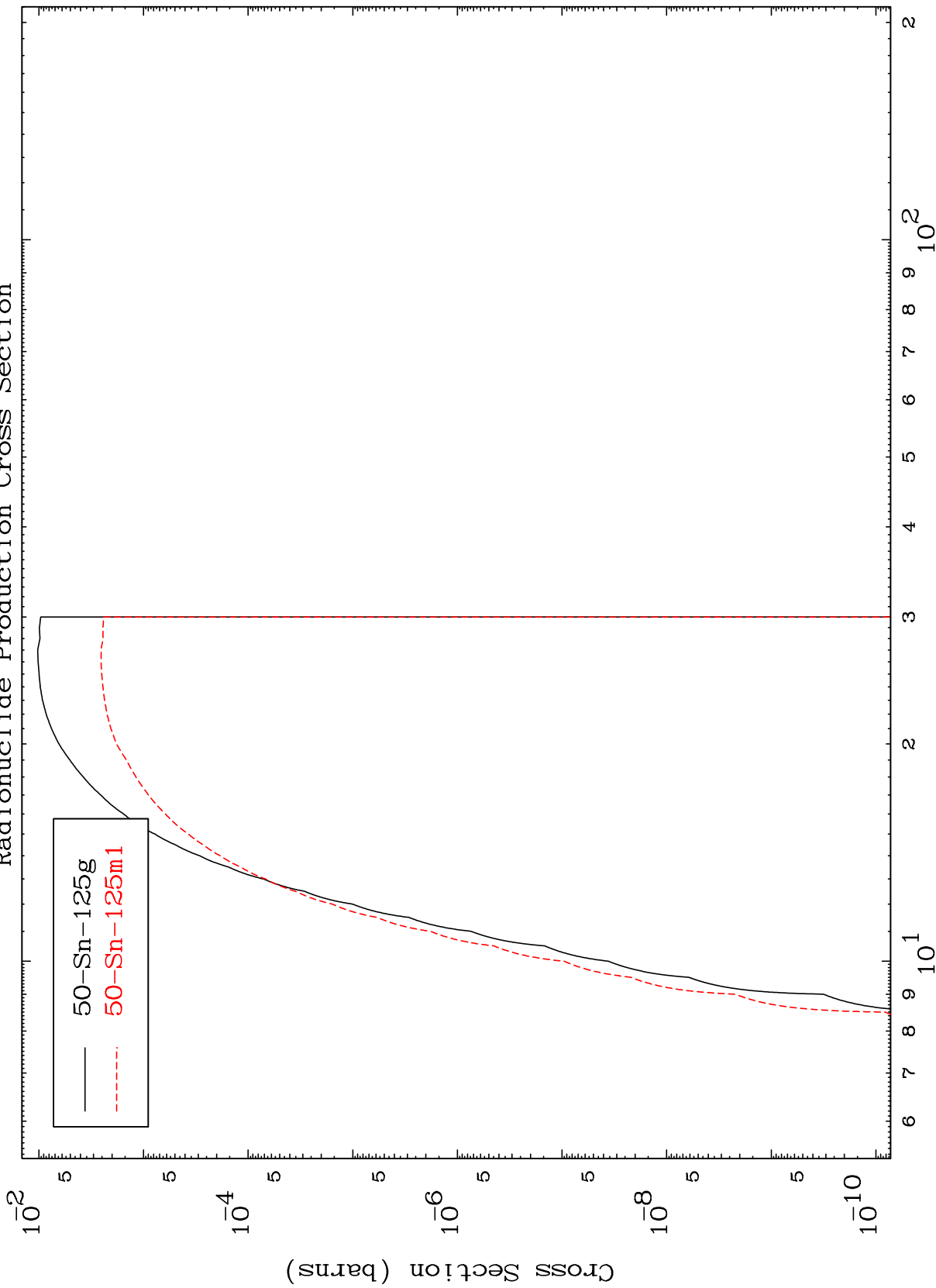
51-Sb-126

MAT 5140

(n,d)

51-Sb-126

Radionuclide Production Cross Section

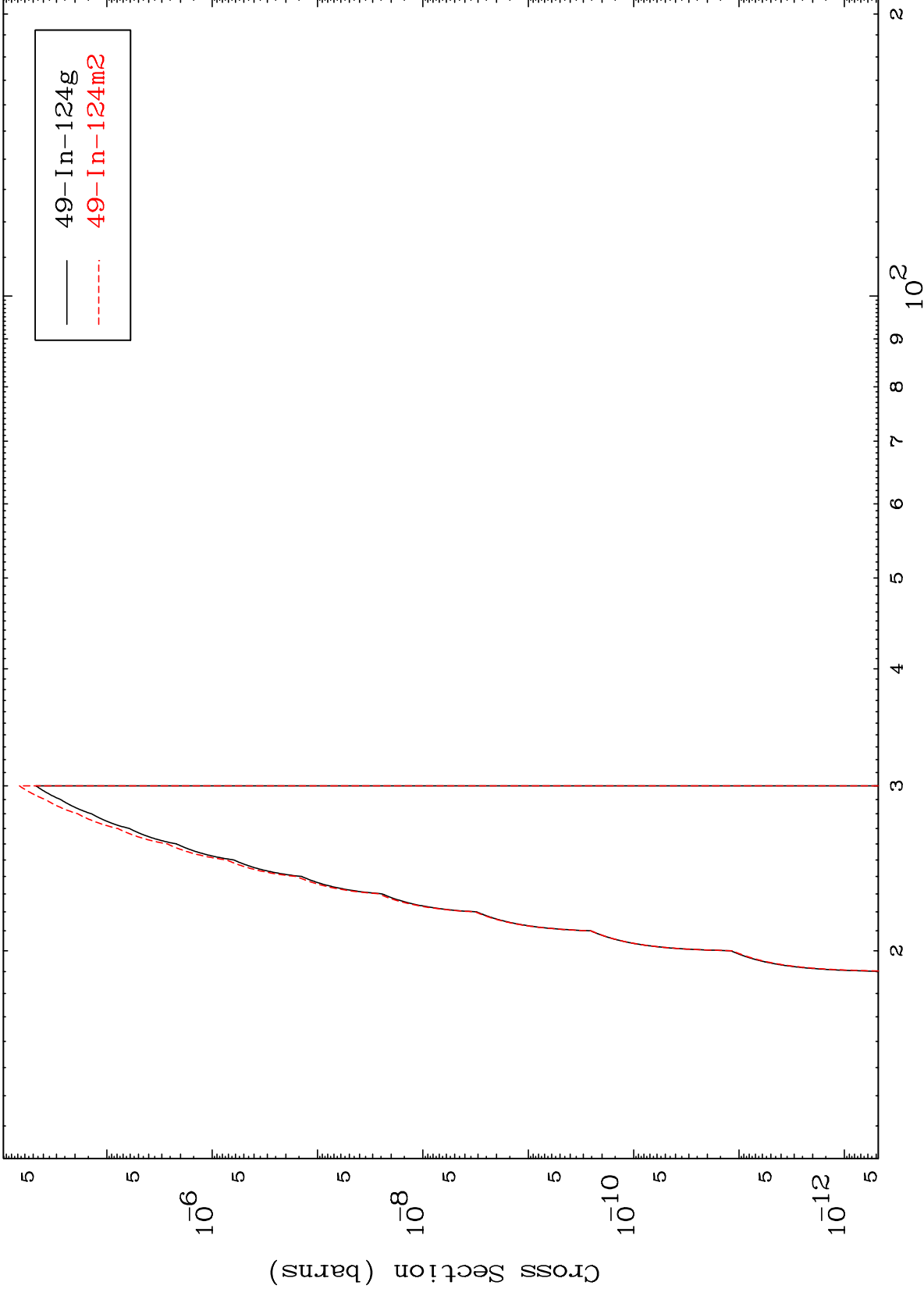


134

Incident Energy (MeV)

51-Sb-126

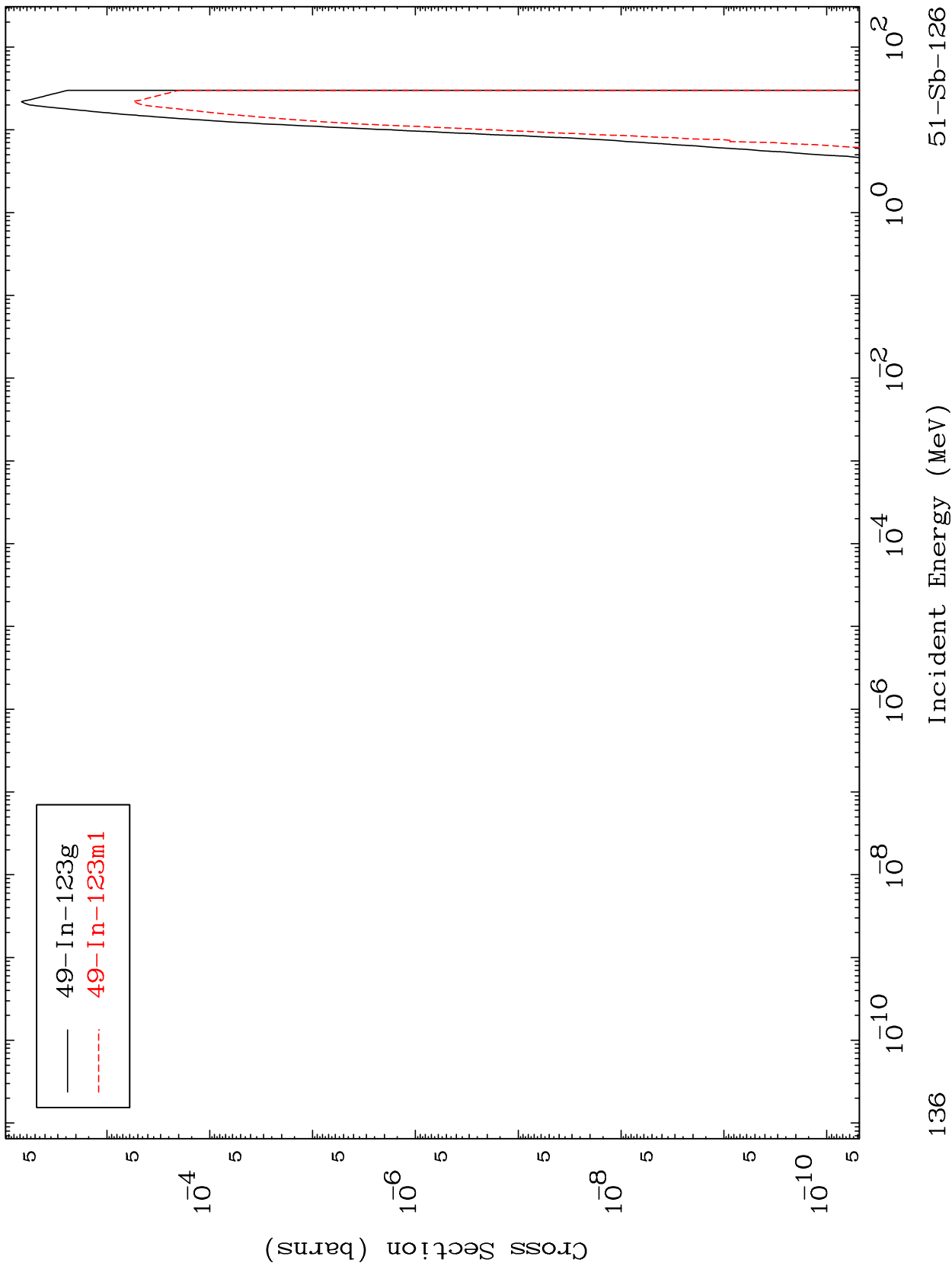
Radionuclide Production Cross Section



MAT 5140

51-Sb-126

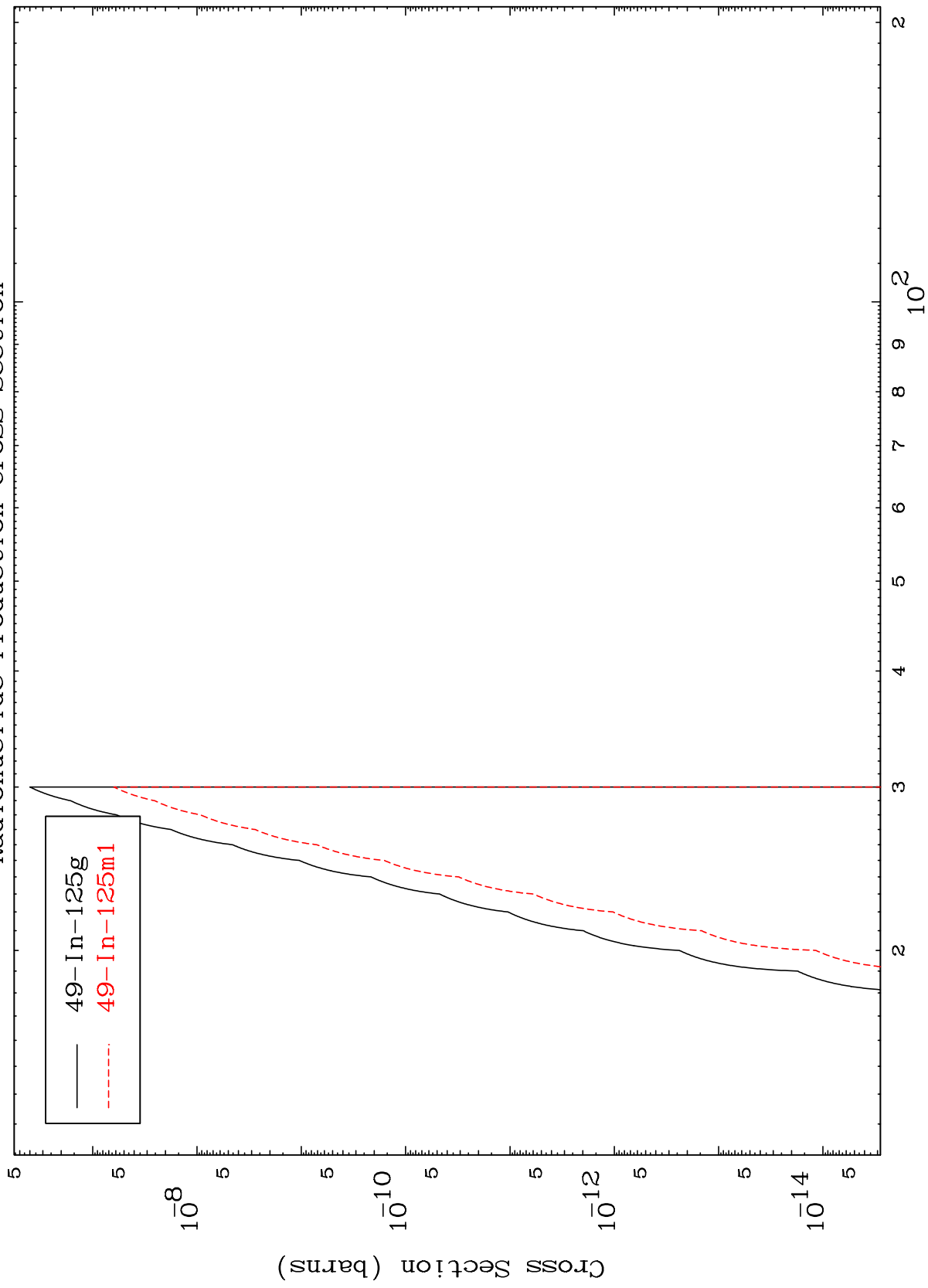
Radionuclide Production Cross Section



MAT 5140

51-Sb-126

(n,2p)
Radionuclide Production Cross Section



137

Incident Energy (MeV)

51-Sb-126