

Program EVALPLOT  
(Version 2018-1)

by

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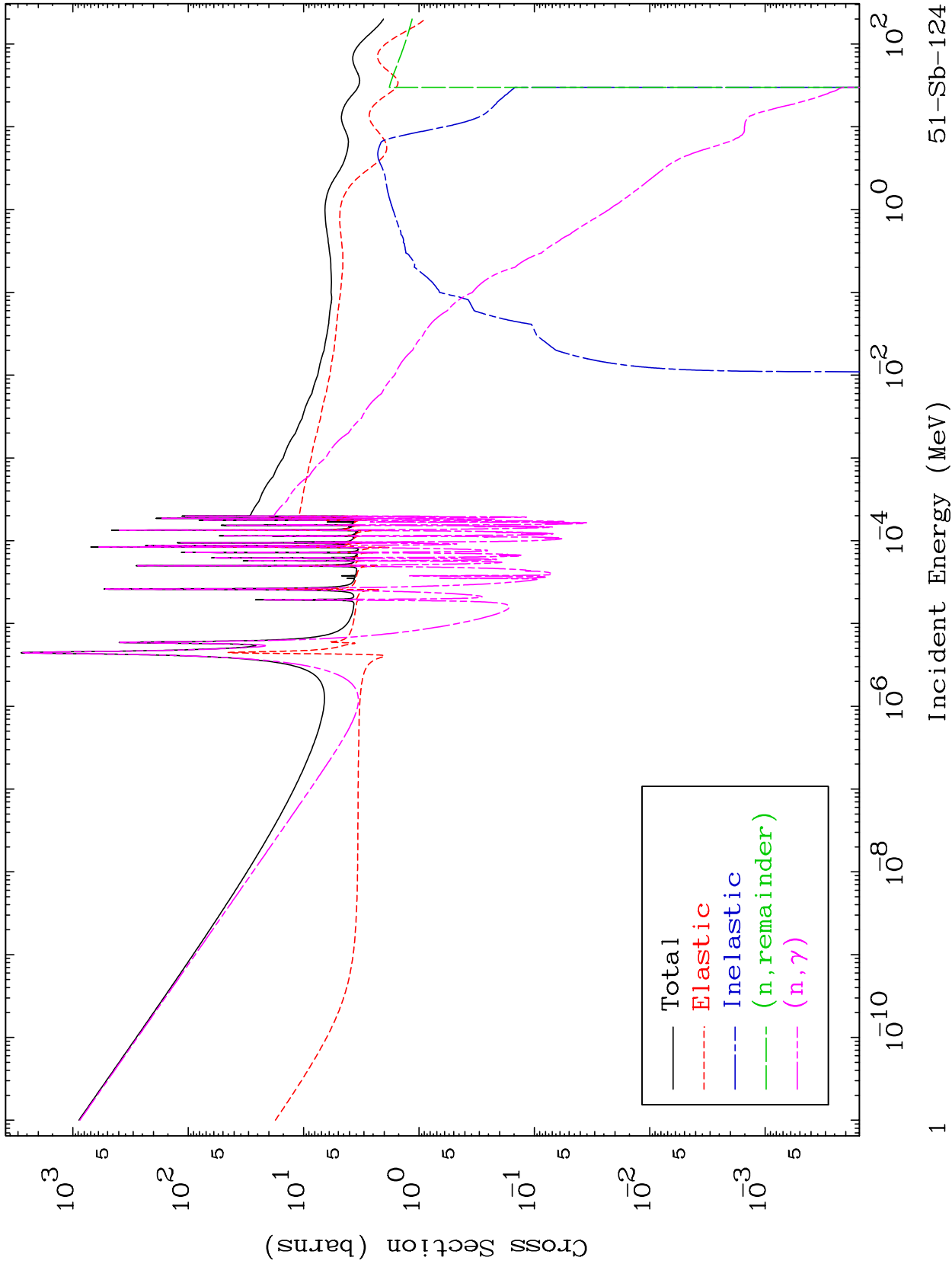
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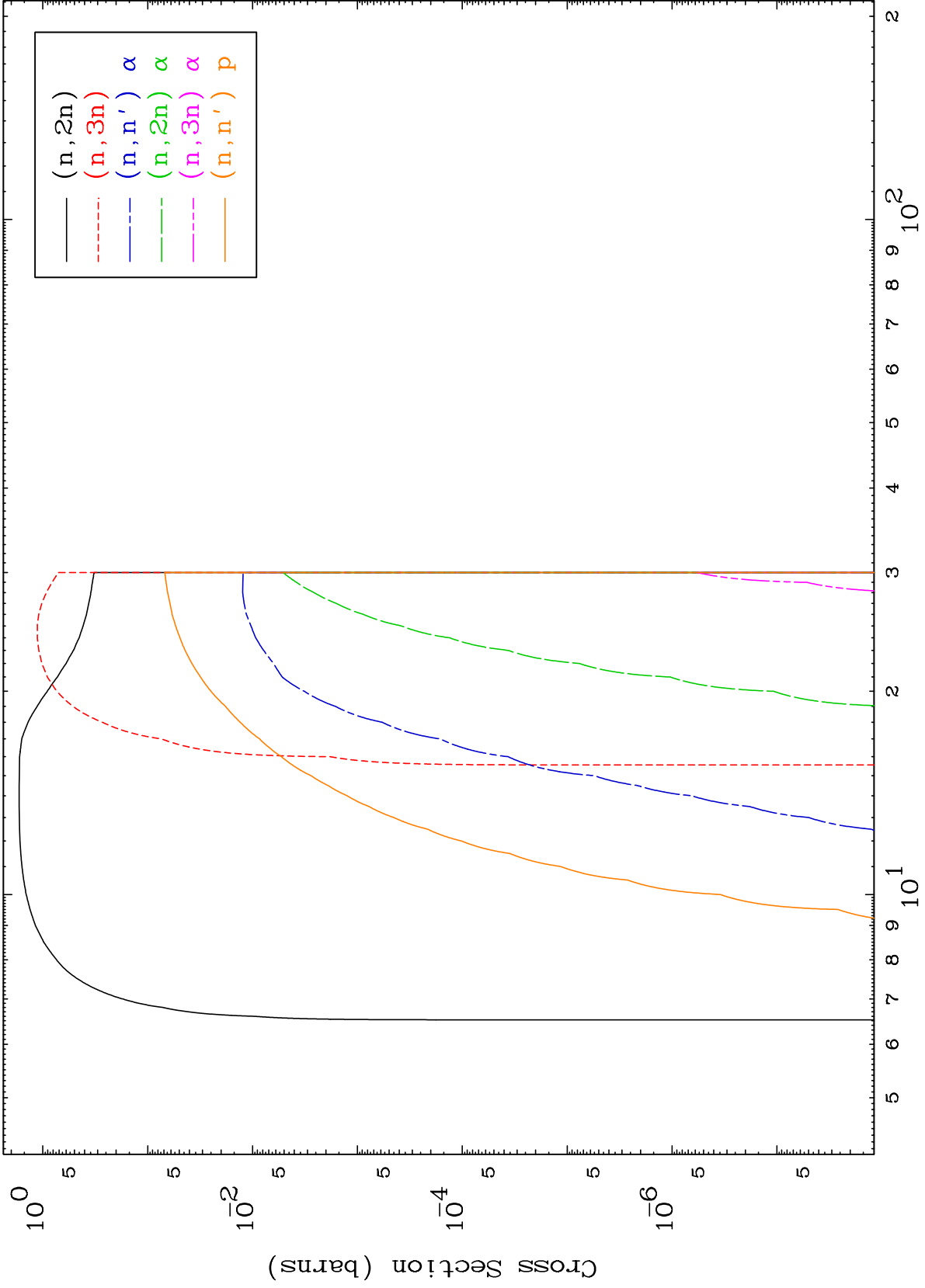
MAT 5134

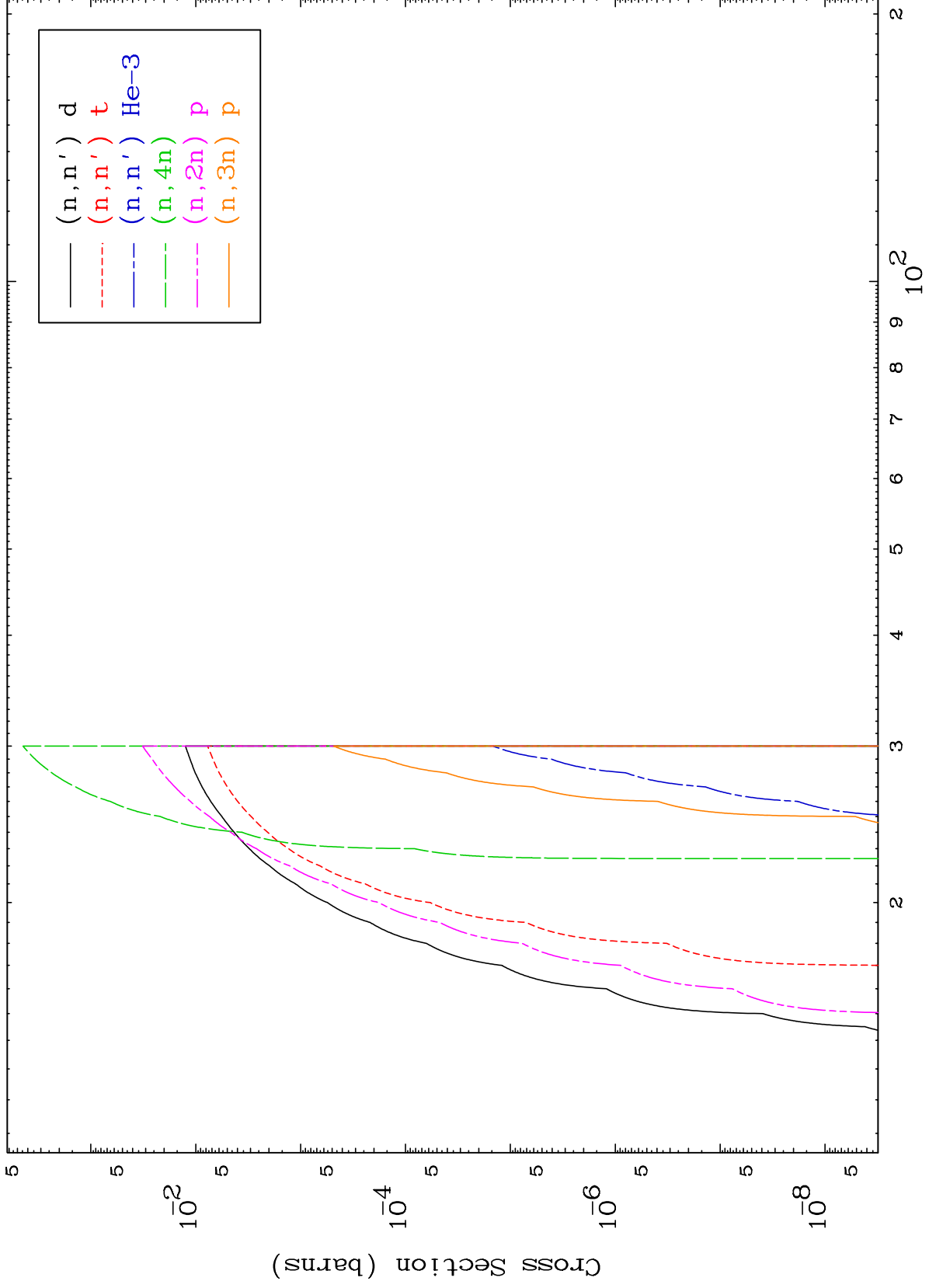
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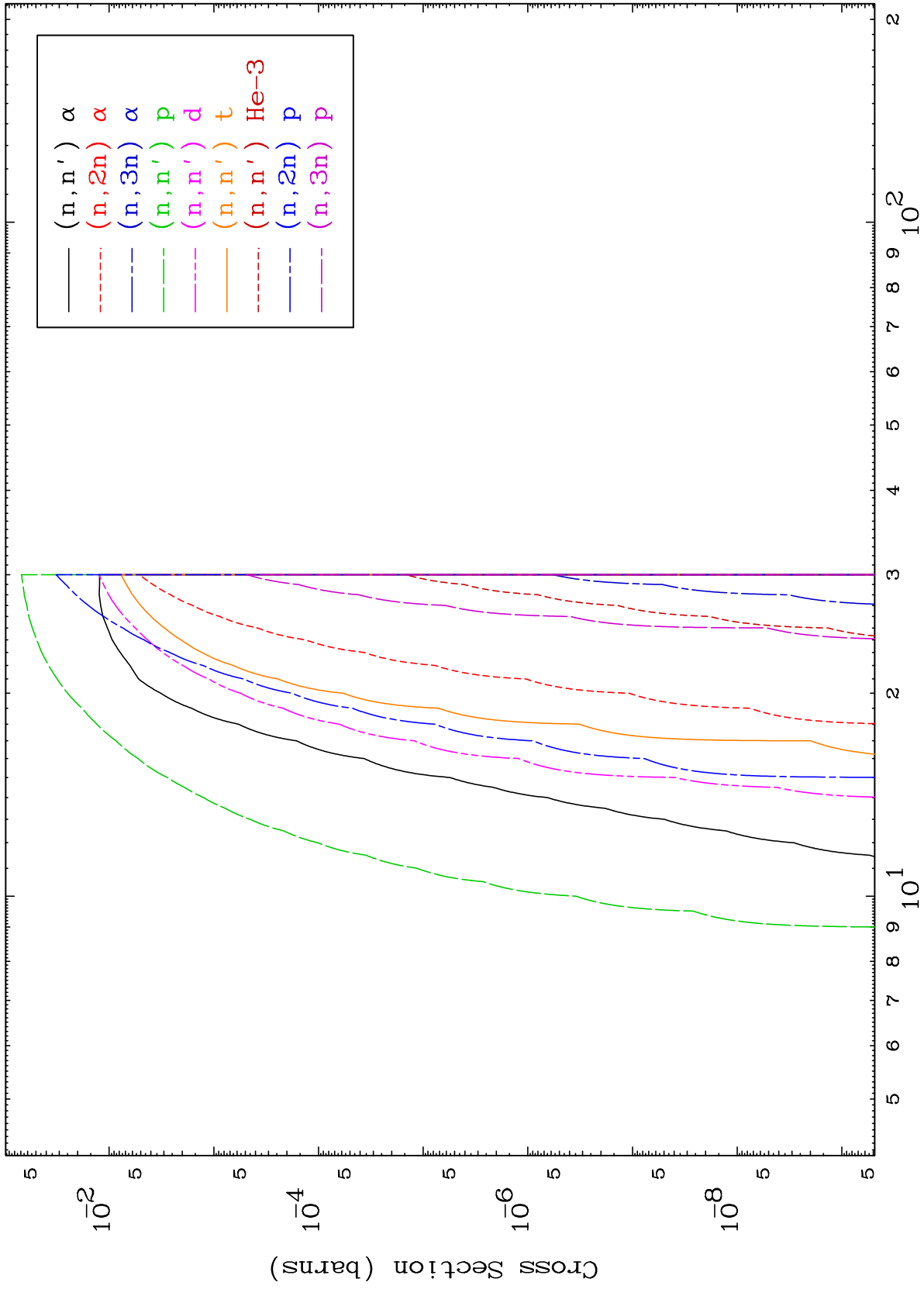
293 Kelvin Cross Sections

51-Sb-124





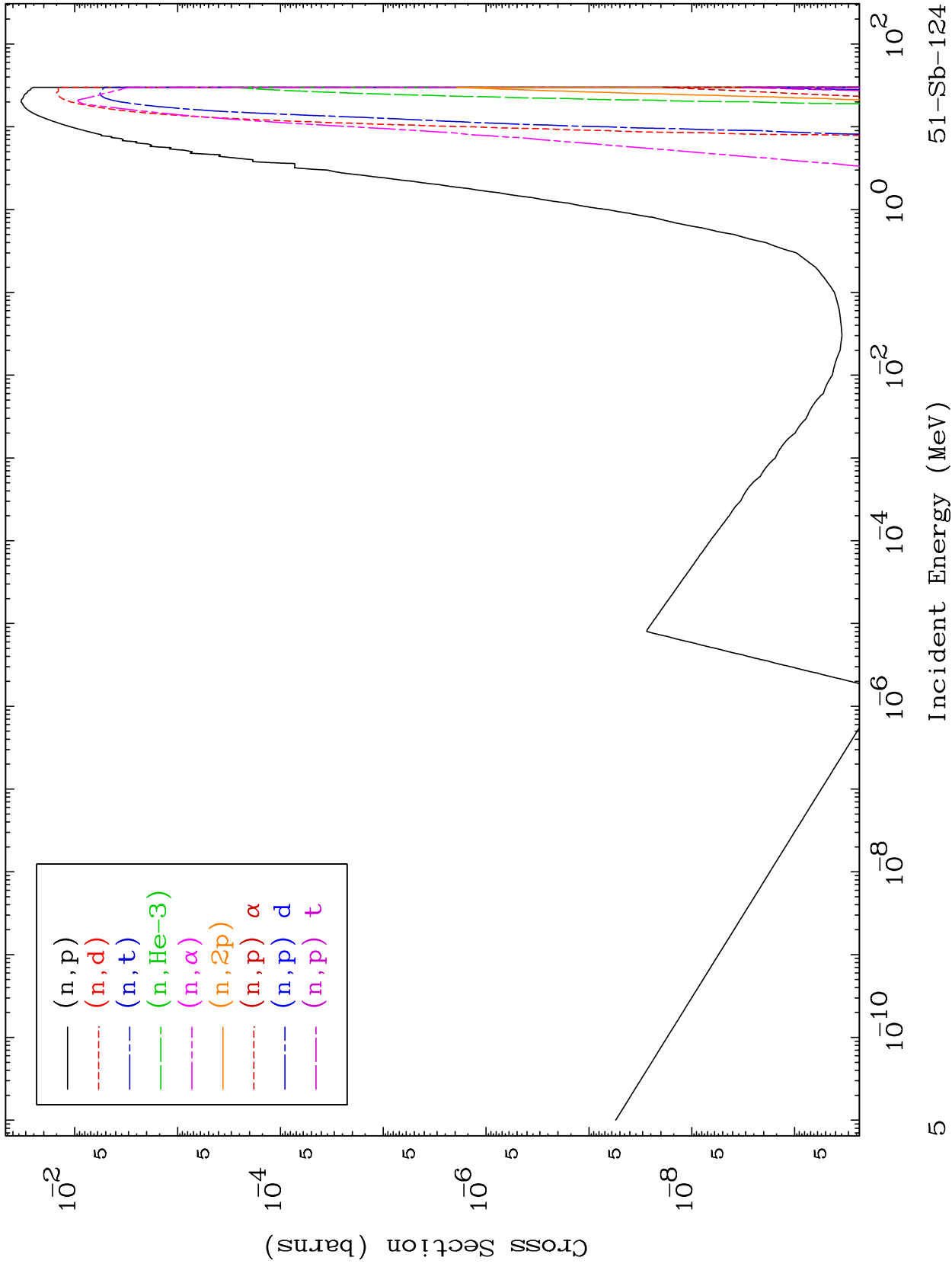




MAT 5134

Charged Particle  
293 Kelvin Cross Sections

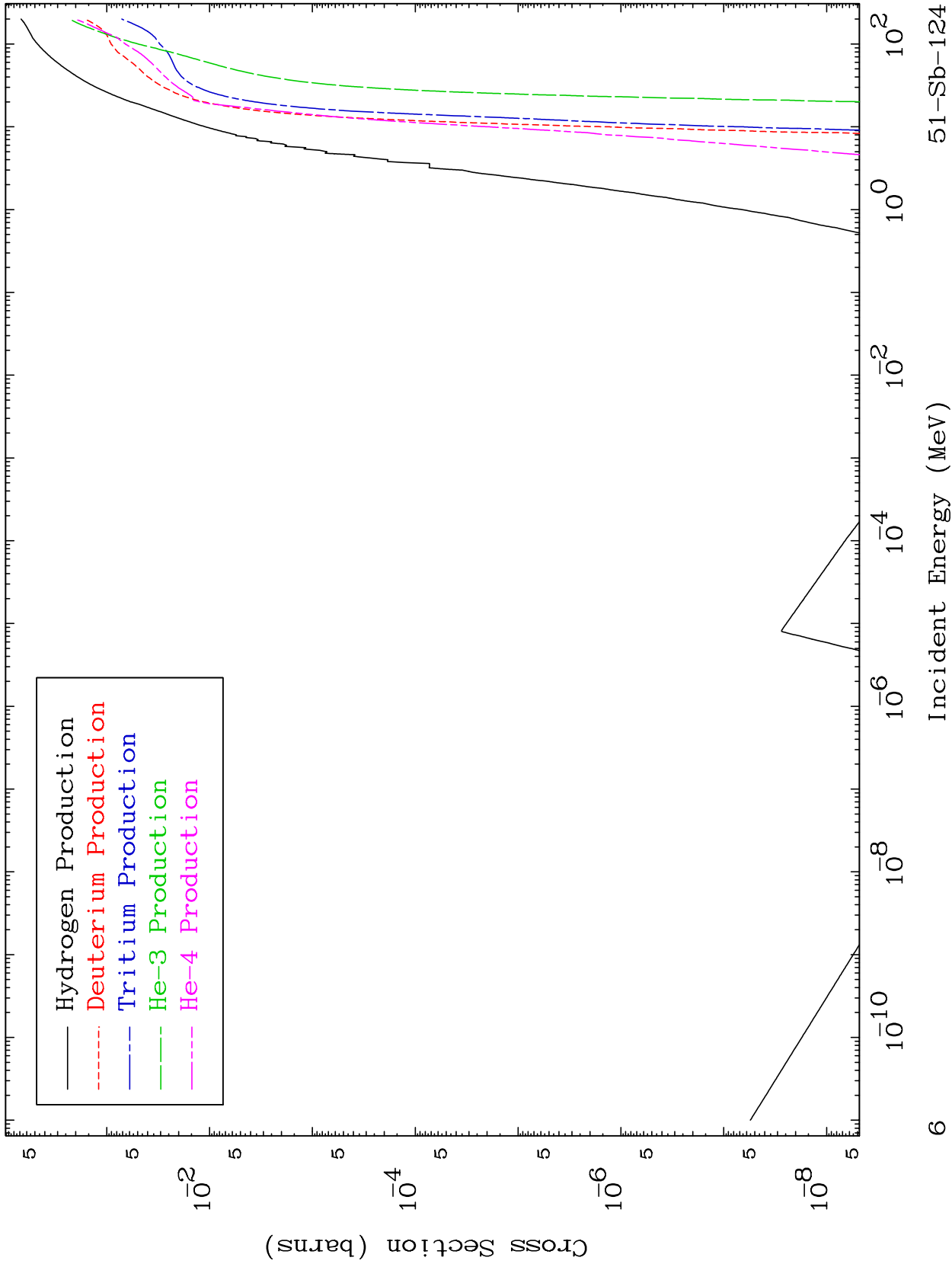
51-Sb-124



MAT 5134

Particle Production  
293 Kelvin Cross Sections

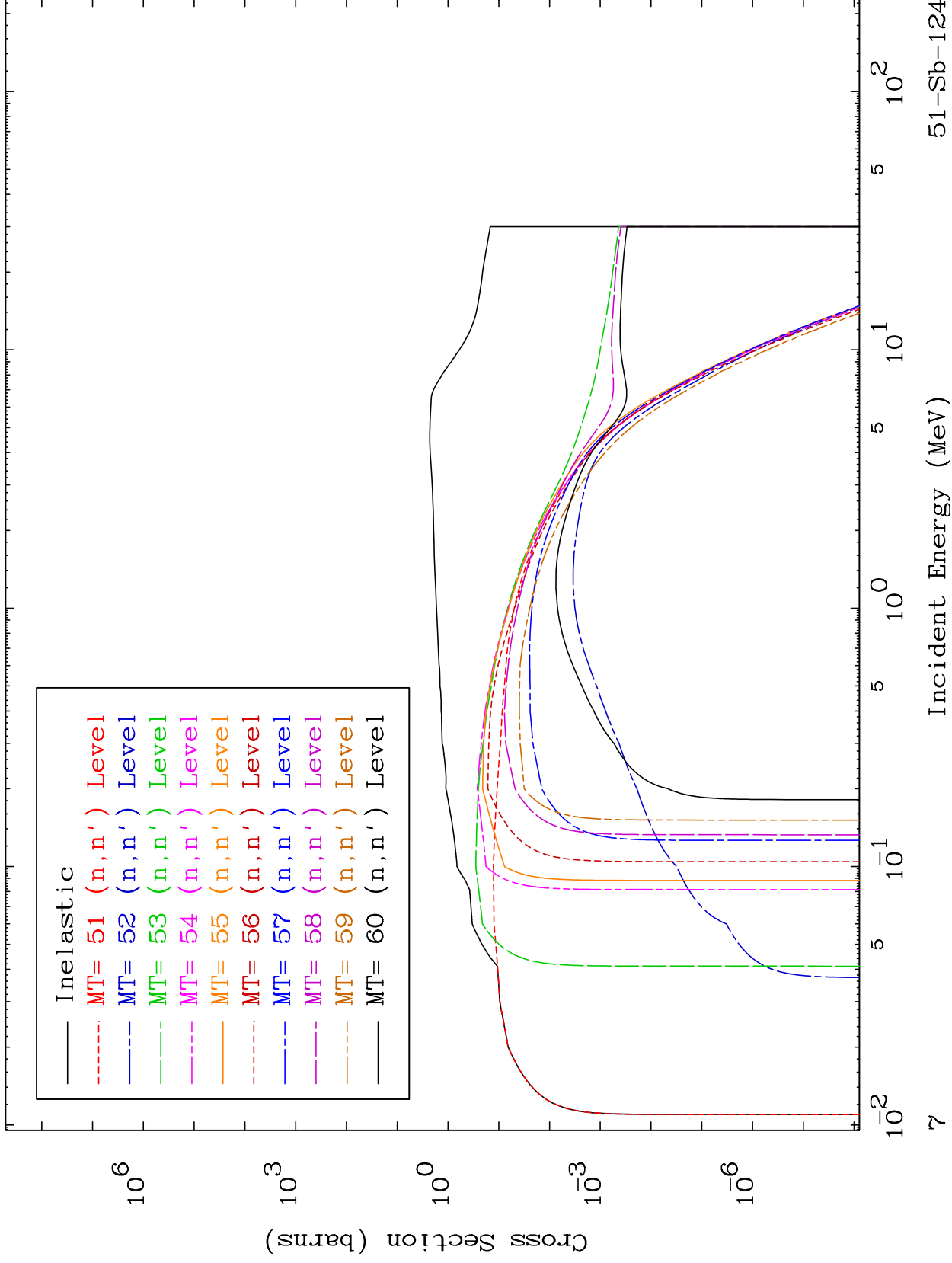
51-Sb-124



MAT 5134

(n,n') Level  
293 Kelvin Cross Sections

51-Sb-124



51-Sb-124

Incident Energy (MeV)

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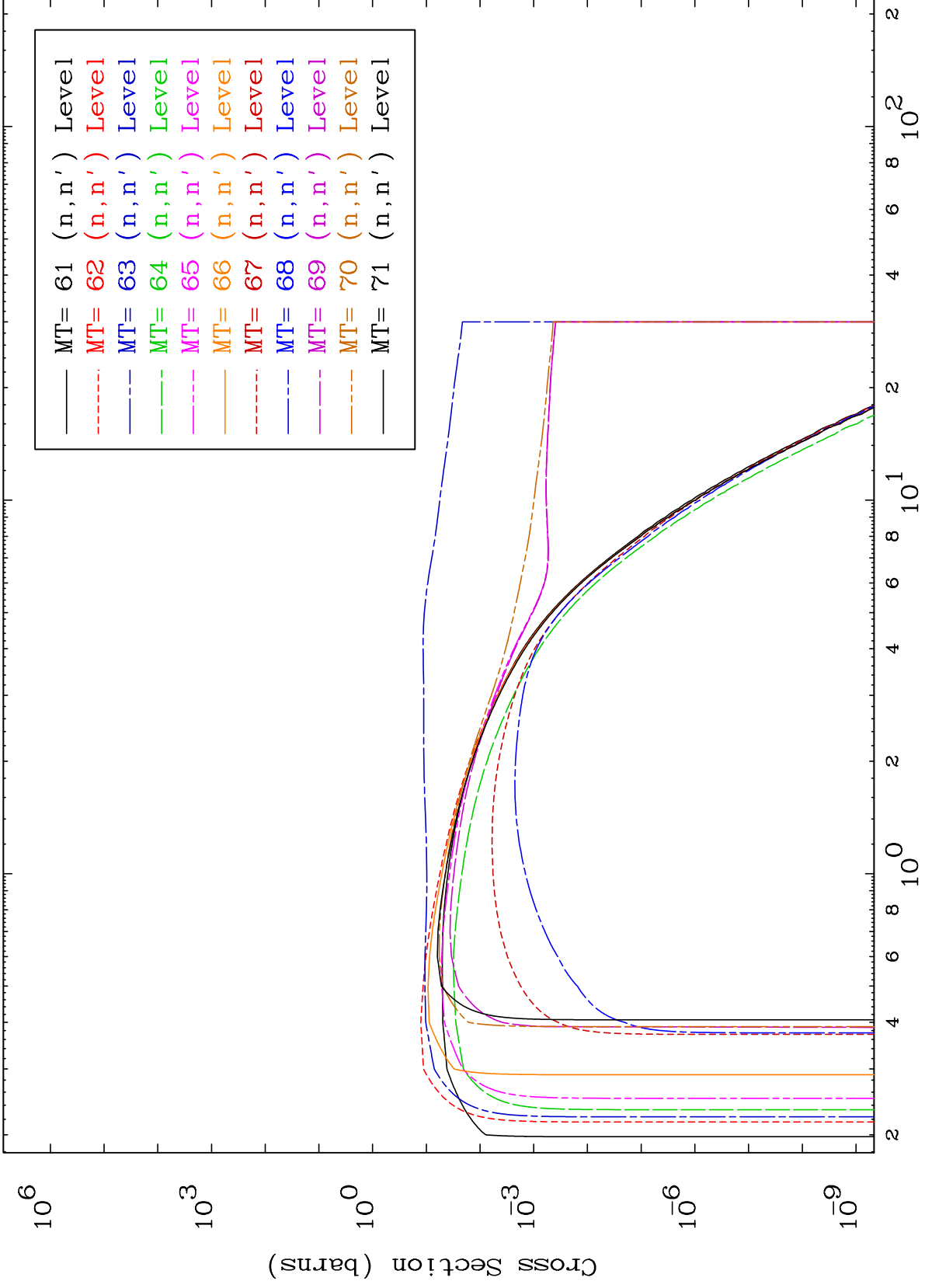


MAT 5134

(n,n') Level

293 Kelvin Cross Sections

51-Sb-124

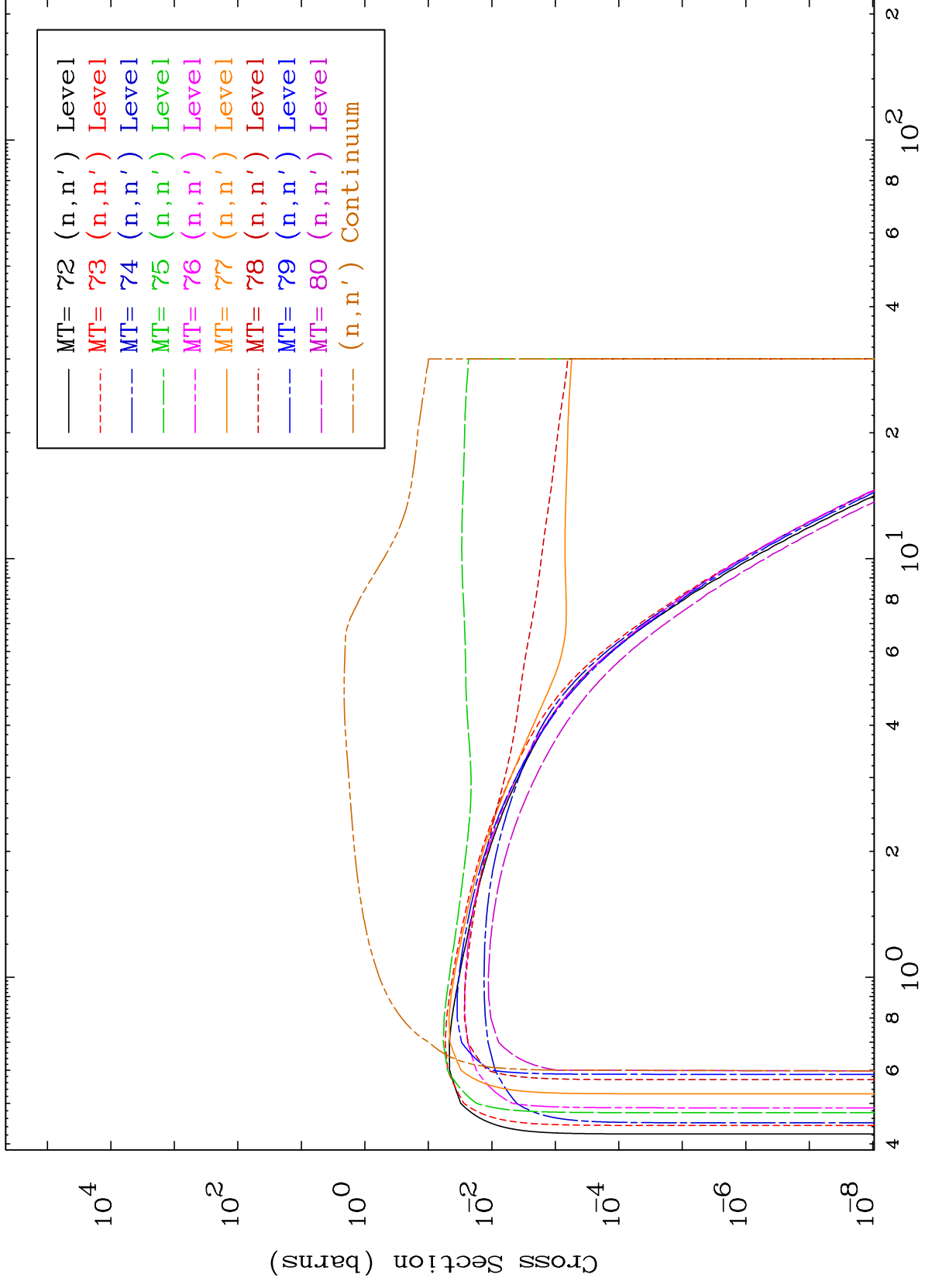


8

Incident Energy (MeV)

51-Sb-124

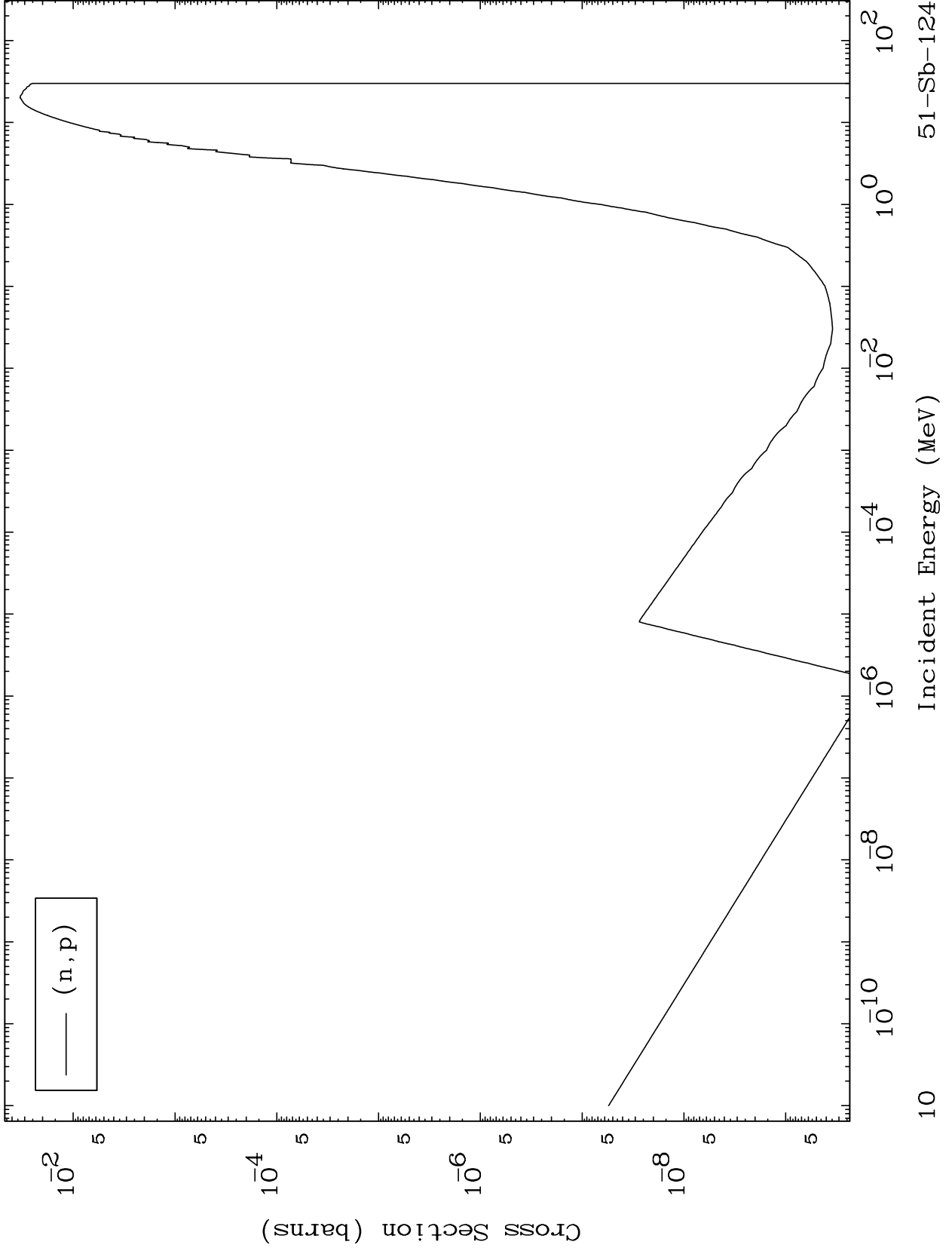
293 Kelvin Cross Sections



MAT 5134

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-124



10

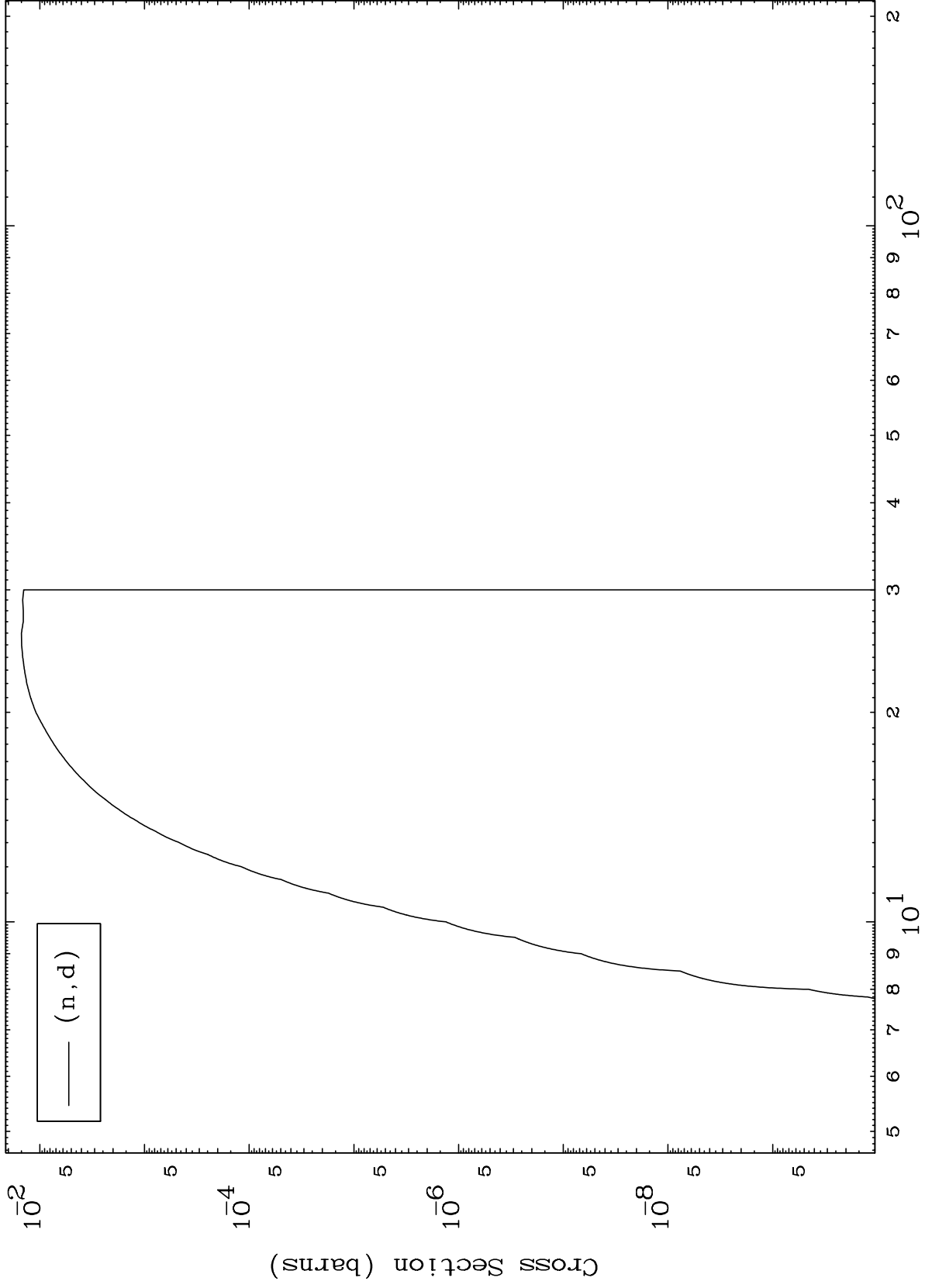
Incident Energy (MeV)

51-Sb-124

MAT 5134

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-124



11

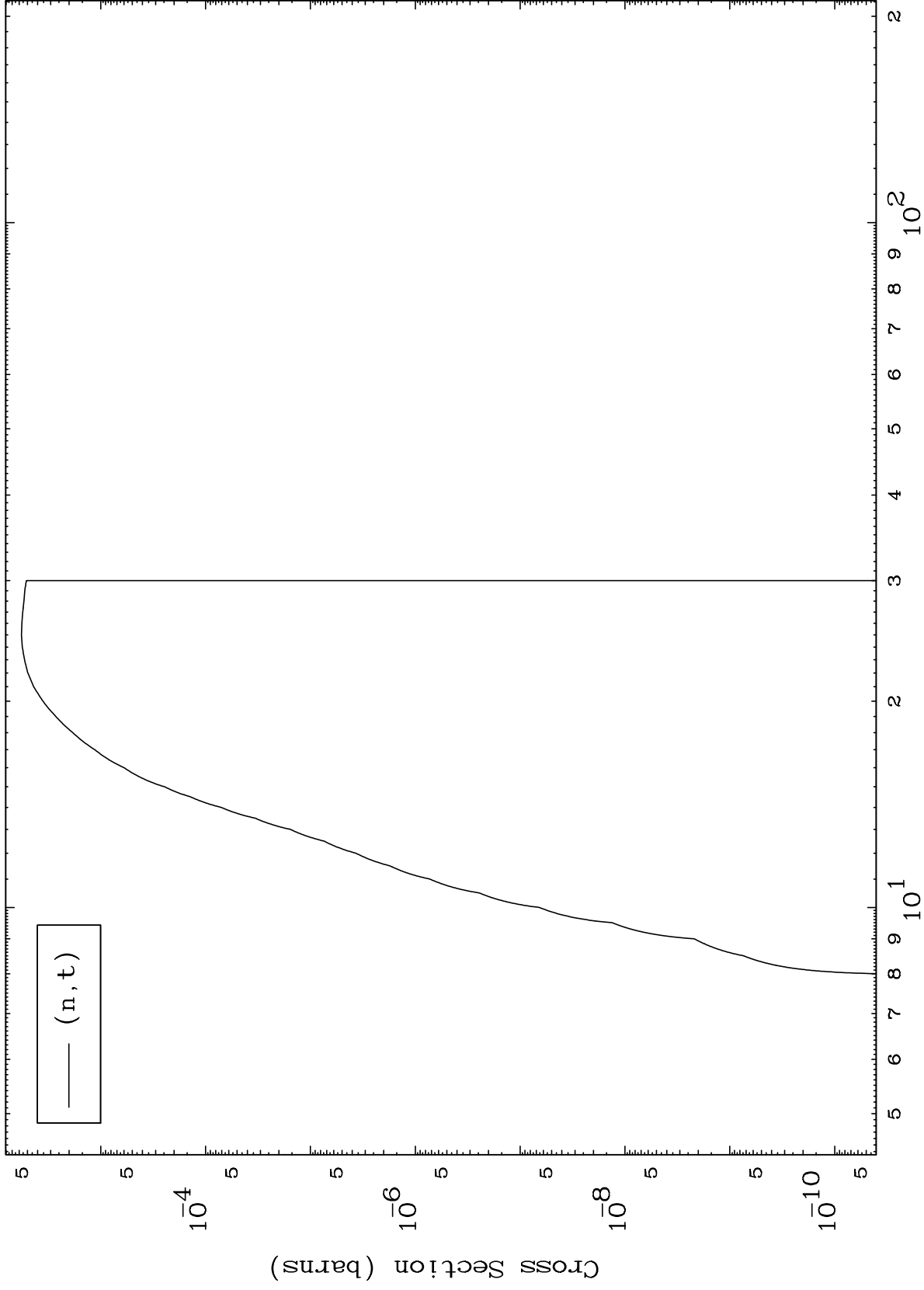
Incident Energy (MeV)

51-Sb-124

MAT 5134

(n,t) Levels  
293 Kelvin Cross Sections

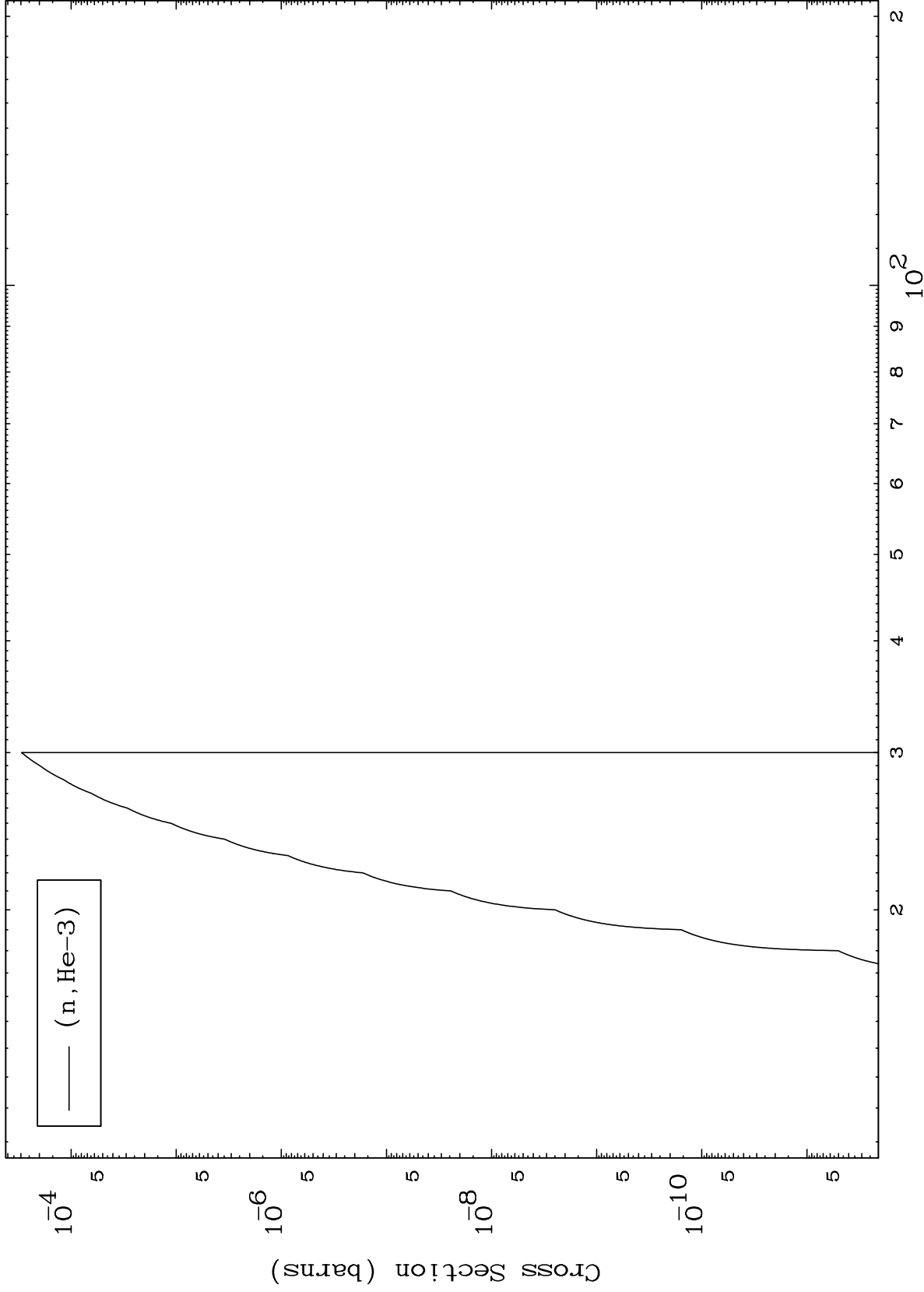
51-Sb-124



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Incident Energy (MeV)

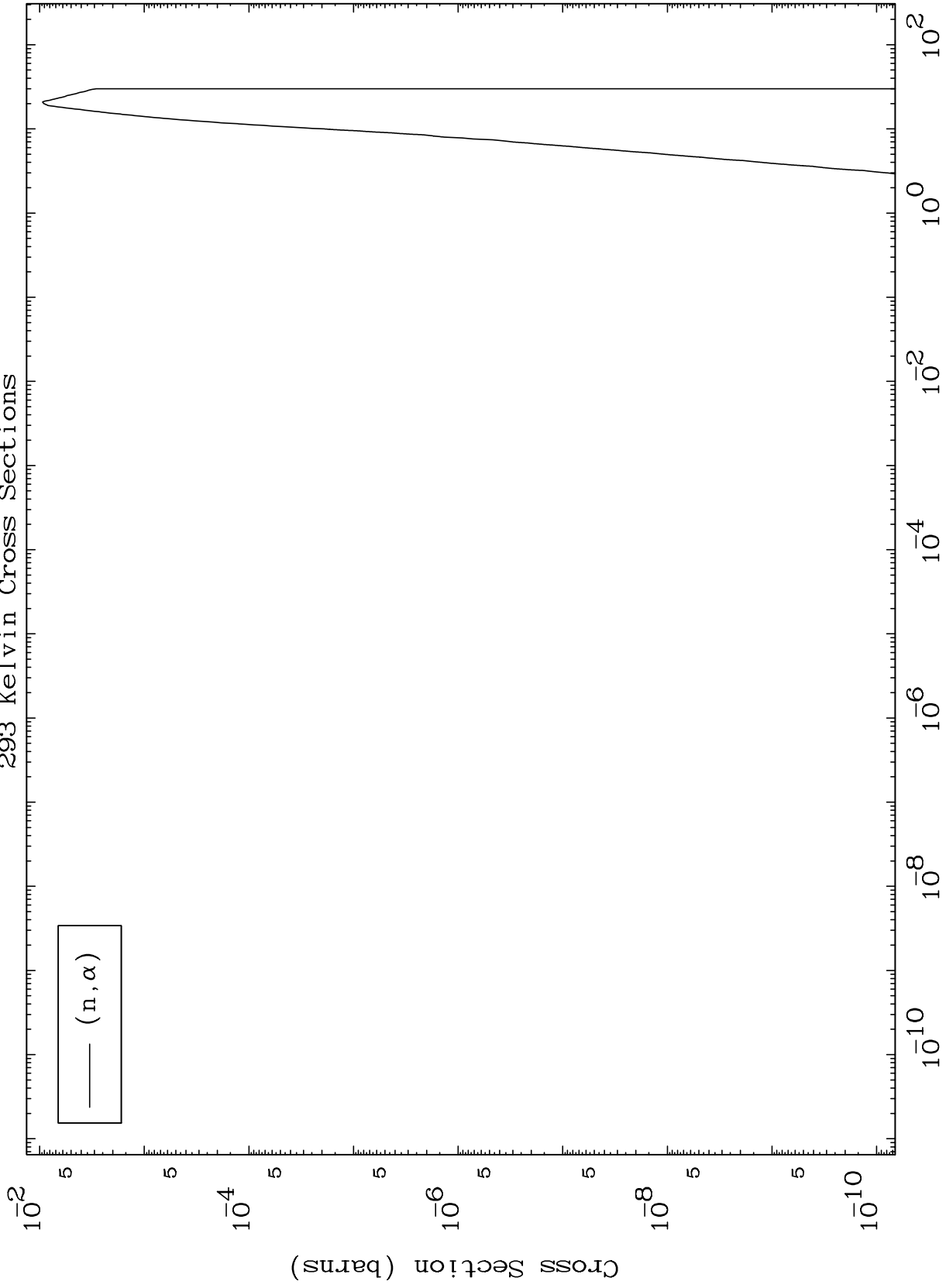
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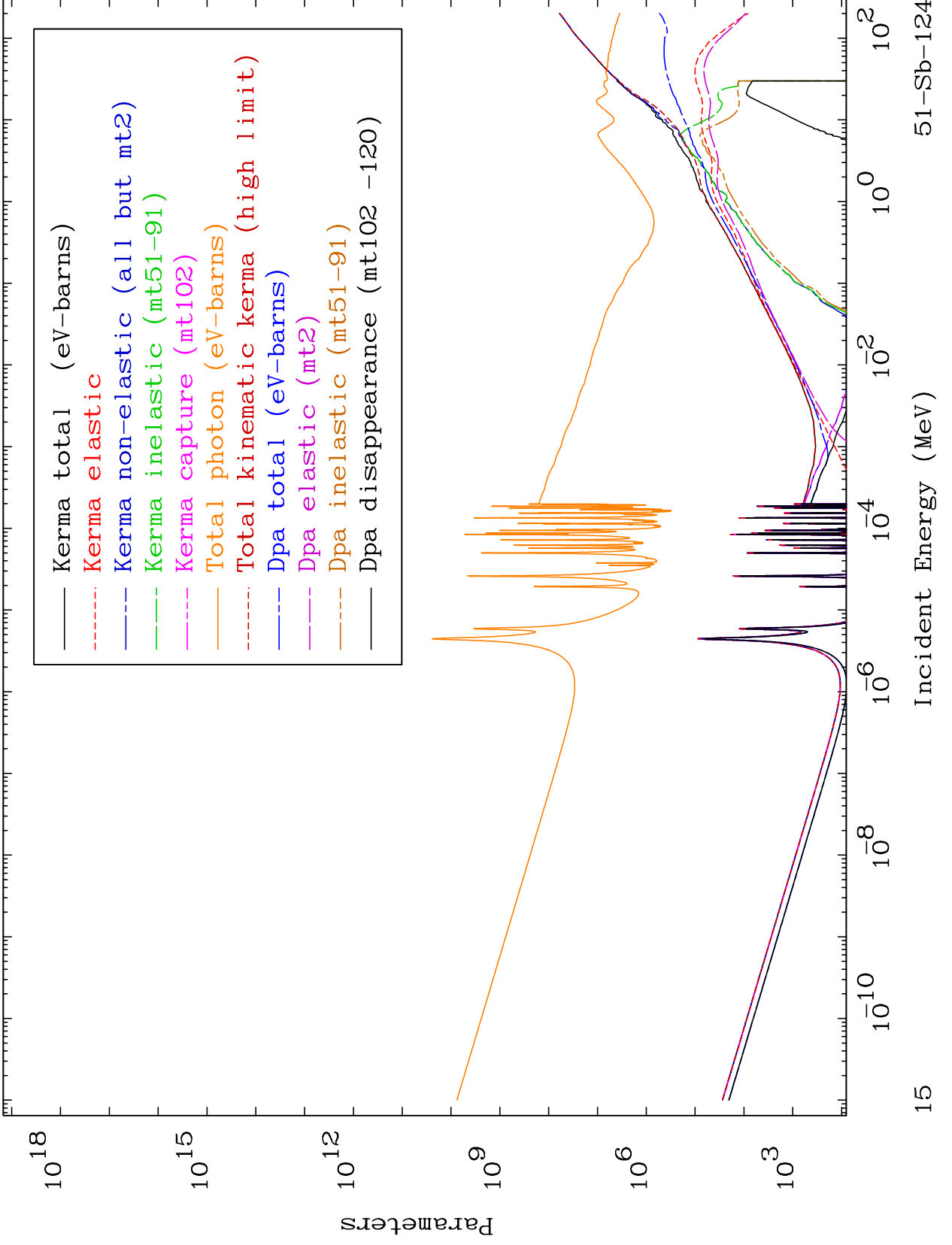


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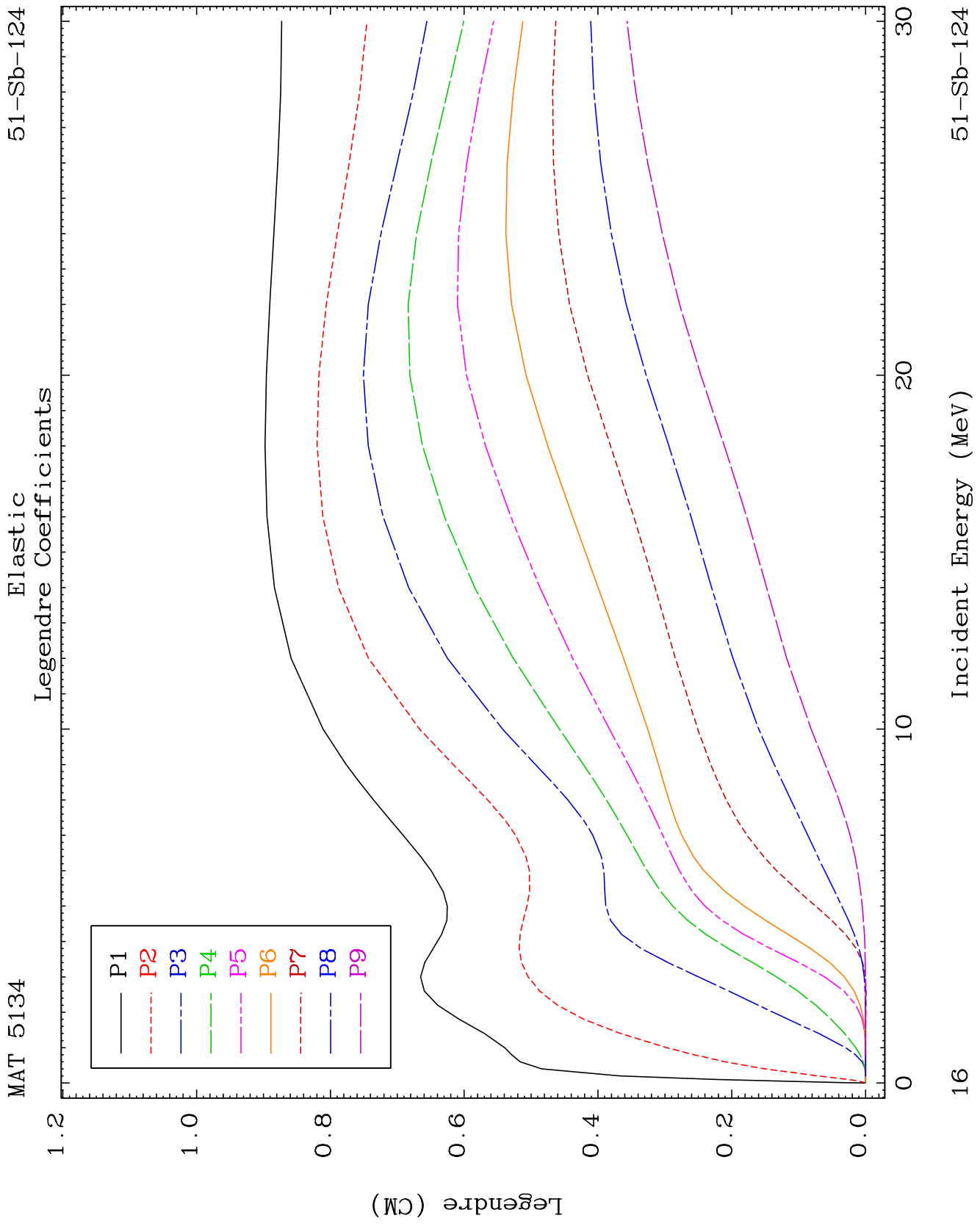
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

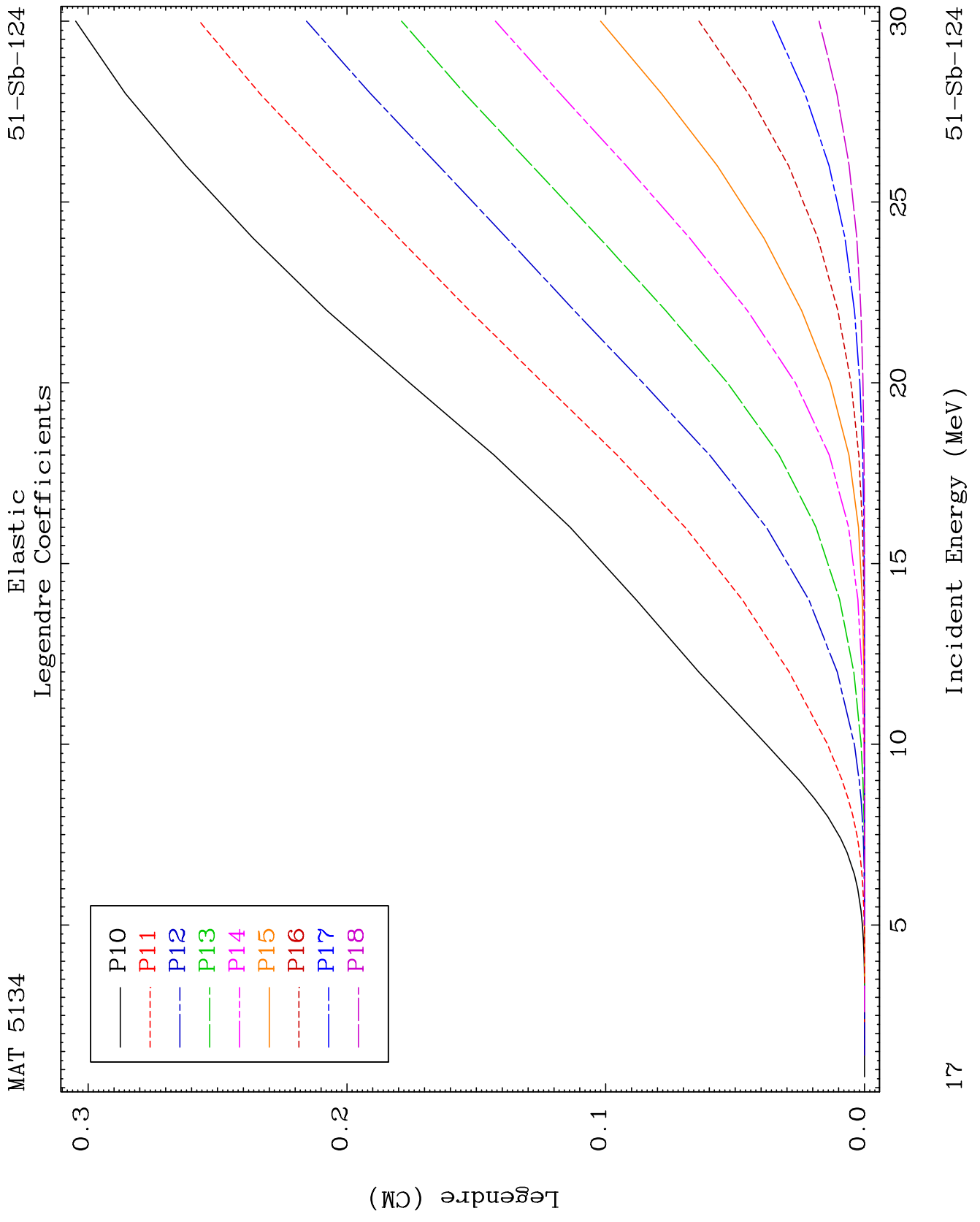
51-Sb-124







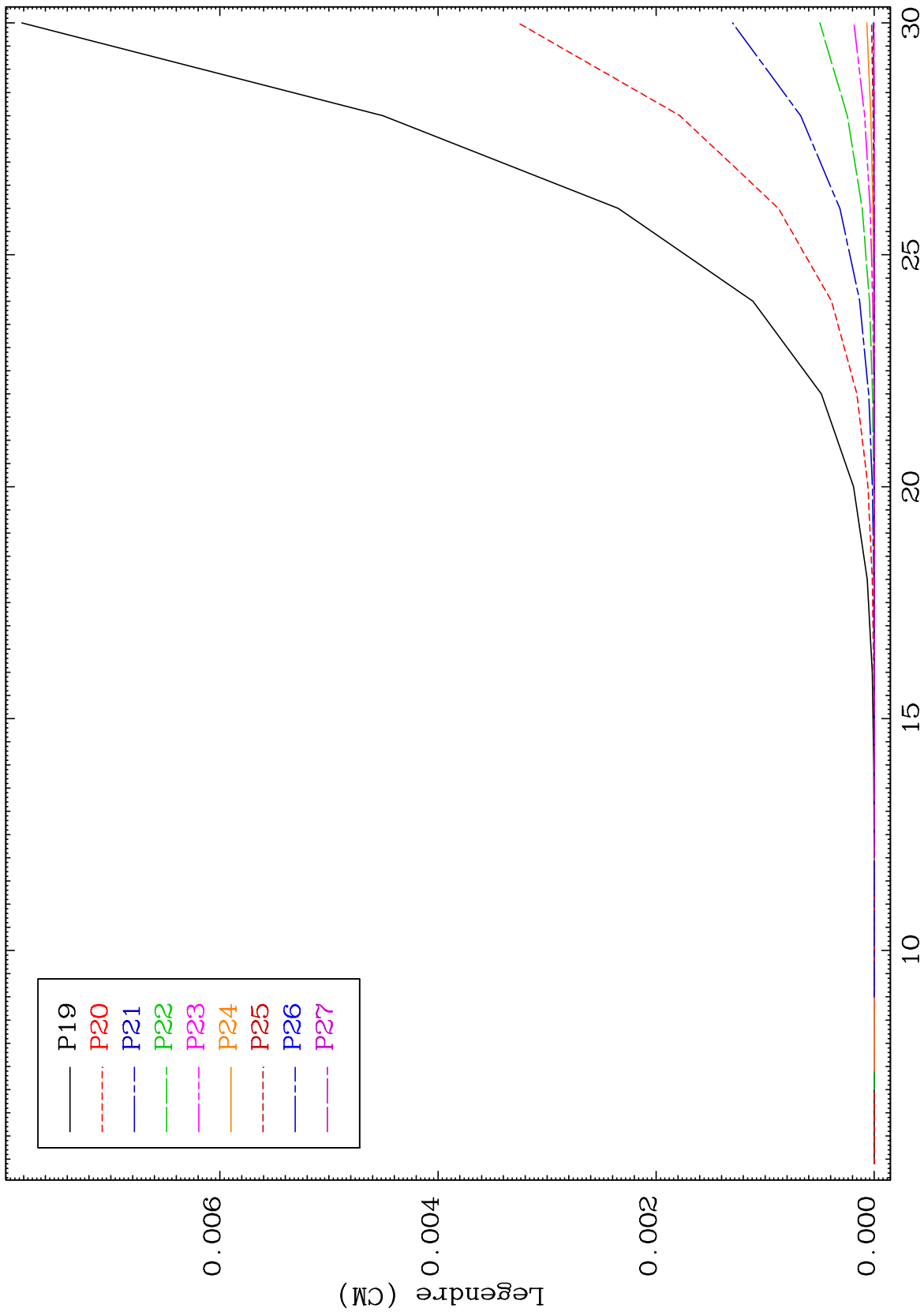




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Elastic Legendre Coefficients

51-Sb-124



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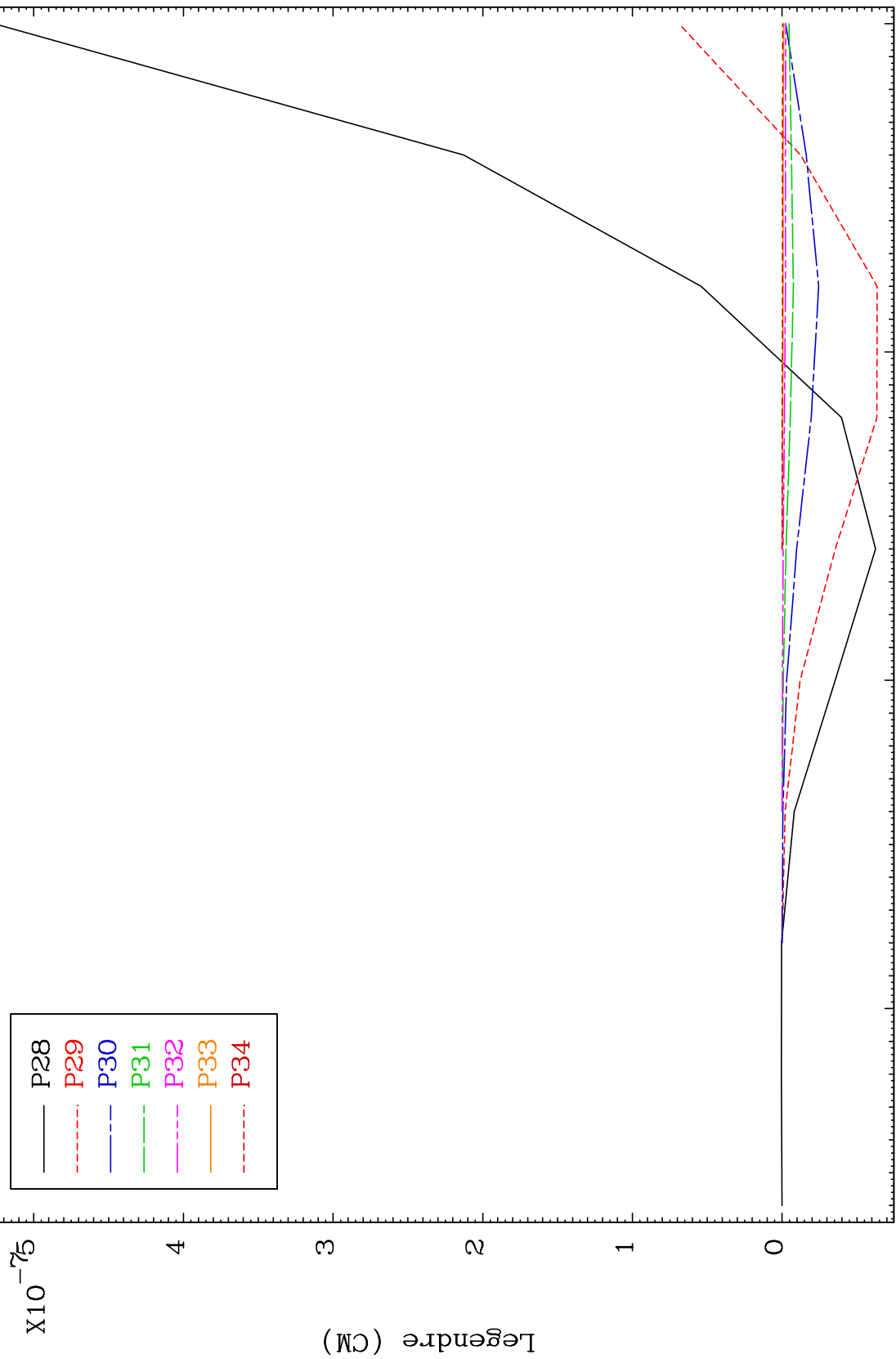
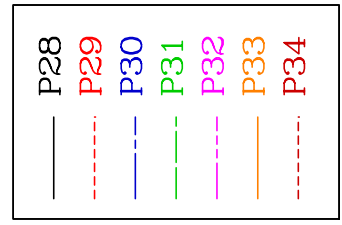
Incident Energy (MeV)

51-Sb-124

MAT 5134

Elastic  
Legendre Coefficients

51-Sb-124



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Incident Energy (MeV)

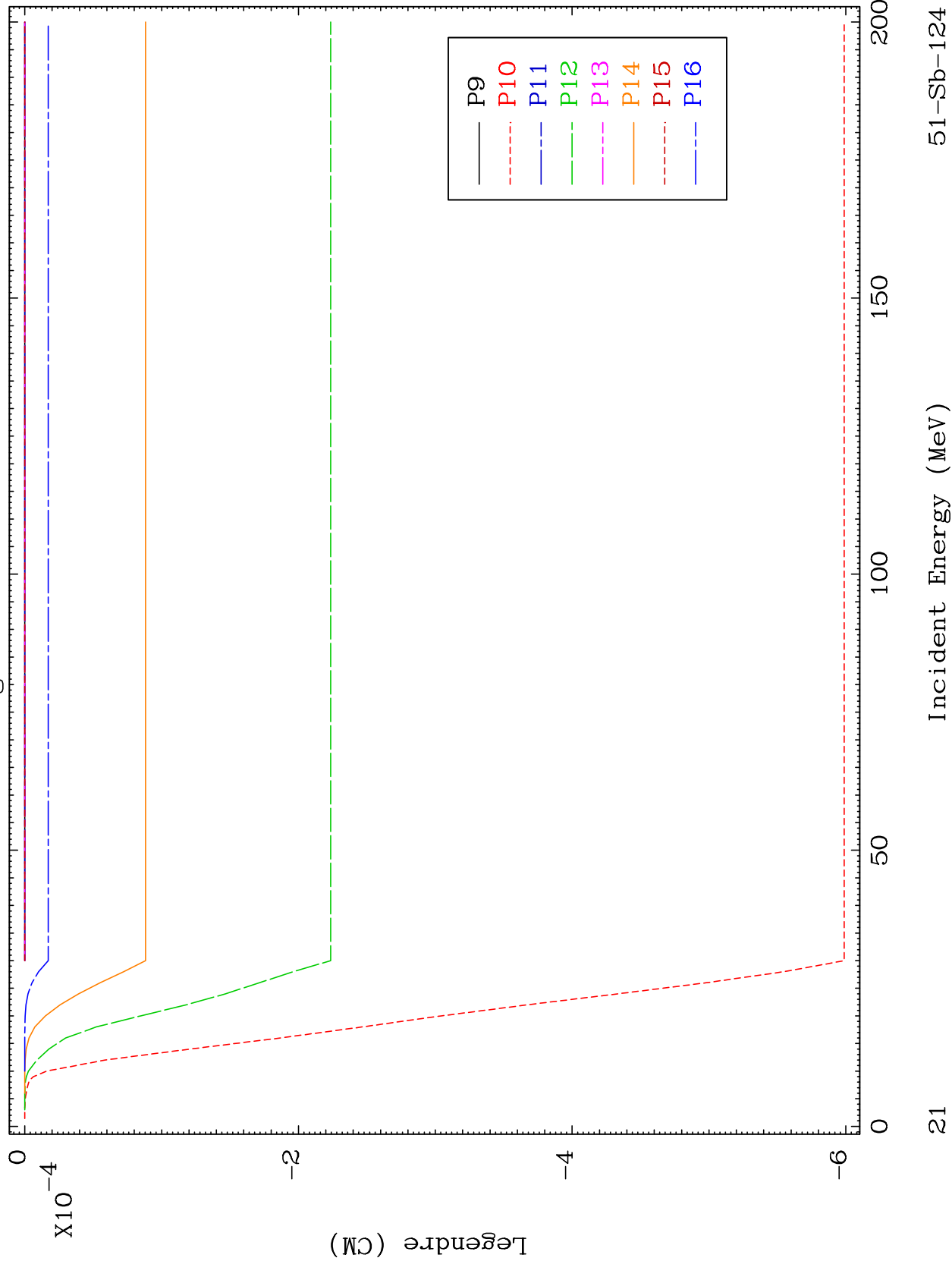
51-Sb-124



MAT 5134

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

51-Sb-124



21

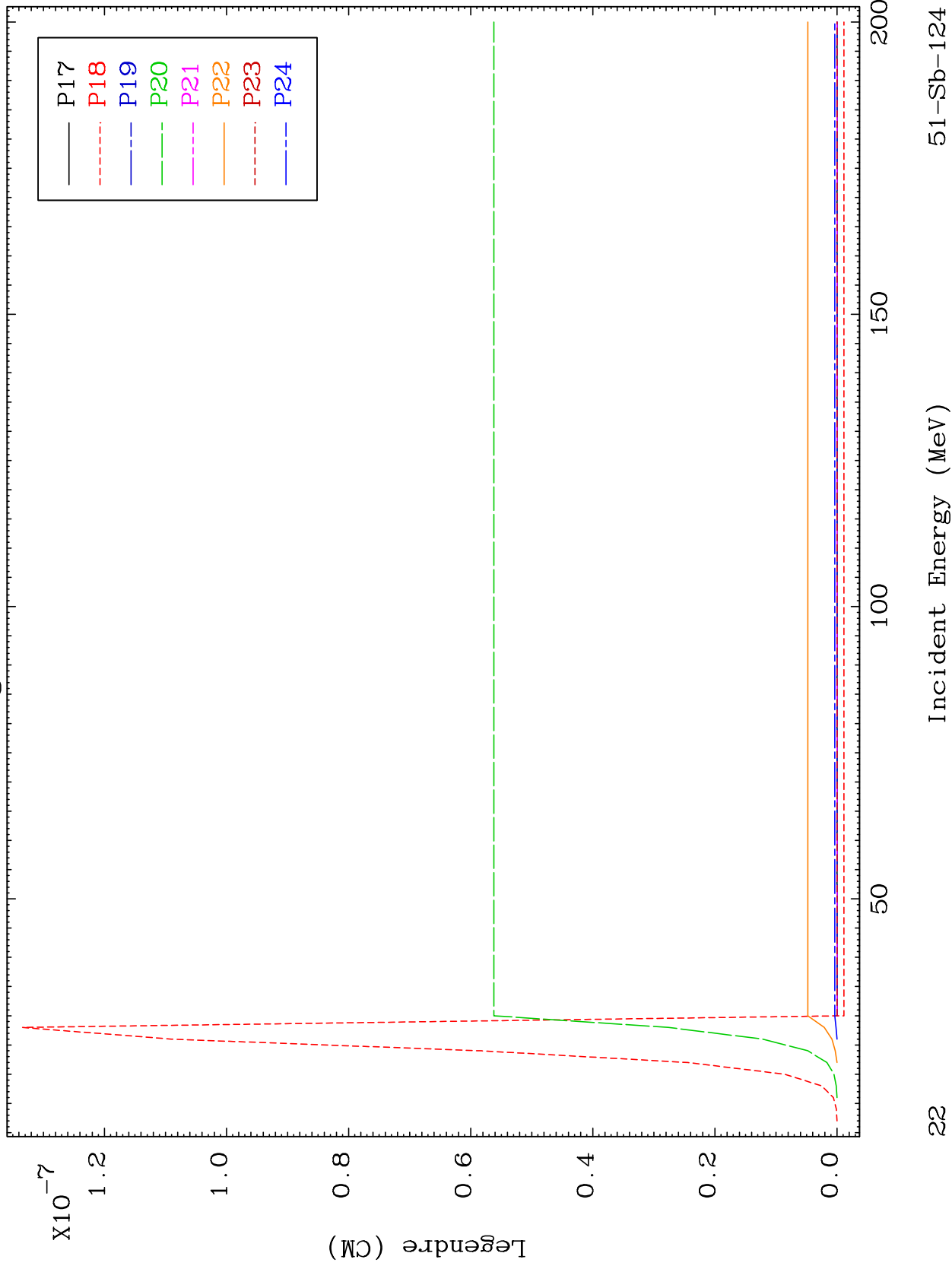
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



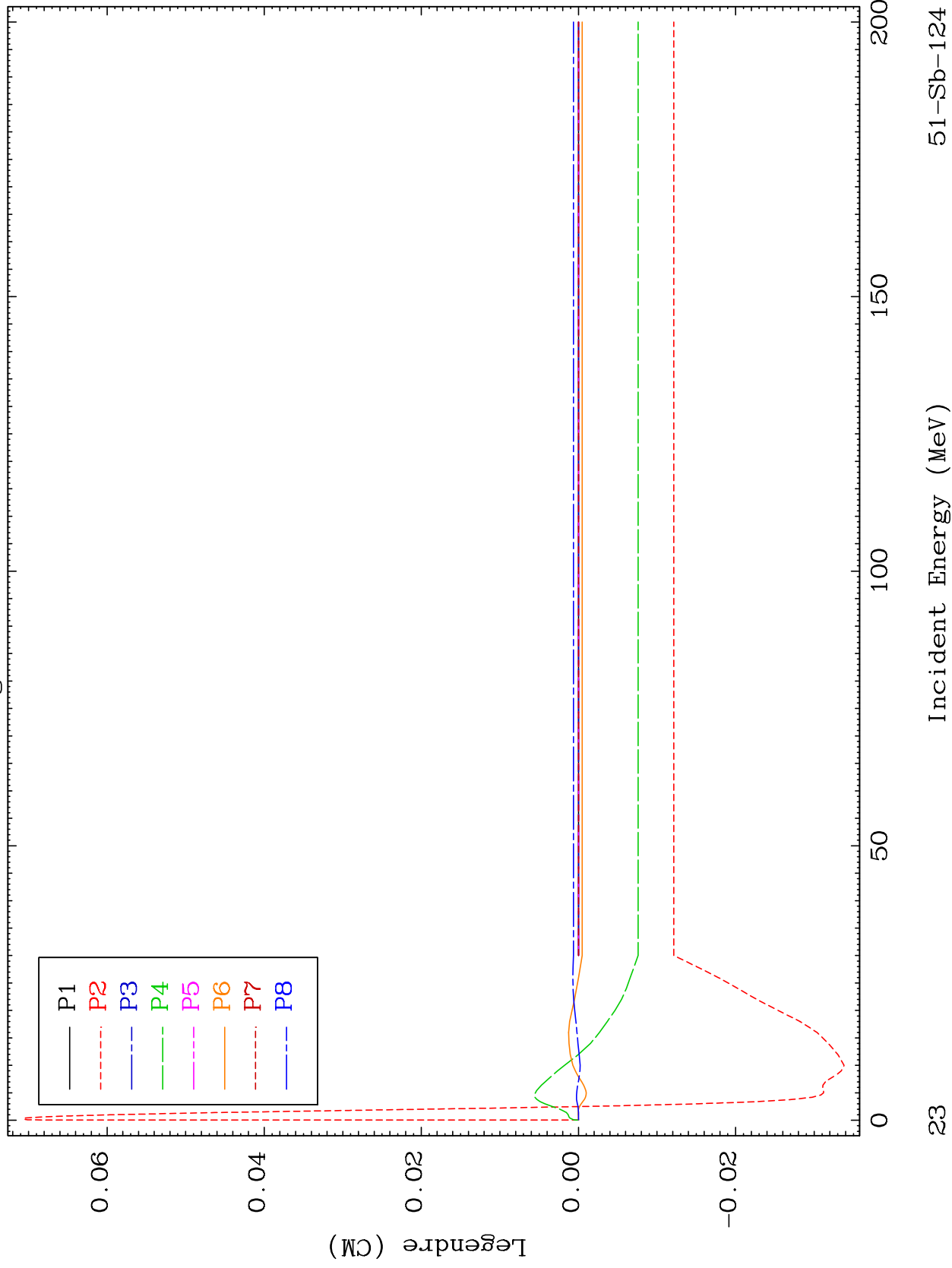
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51-Sb-124

MAT 5134

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

51-Sb-124

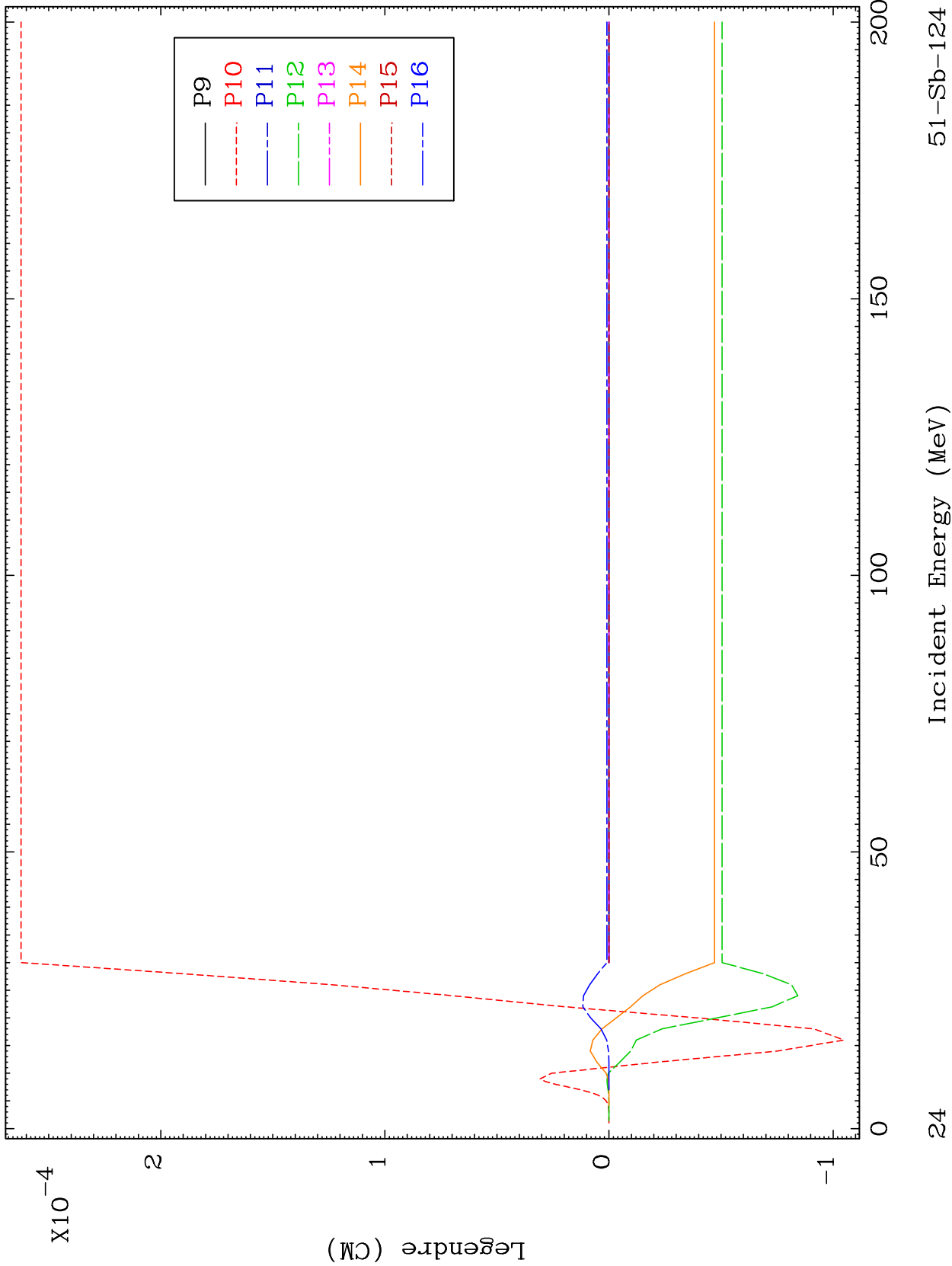




MAT 5134

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

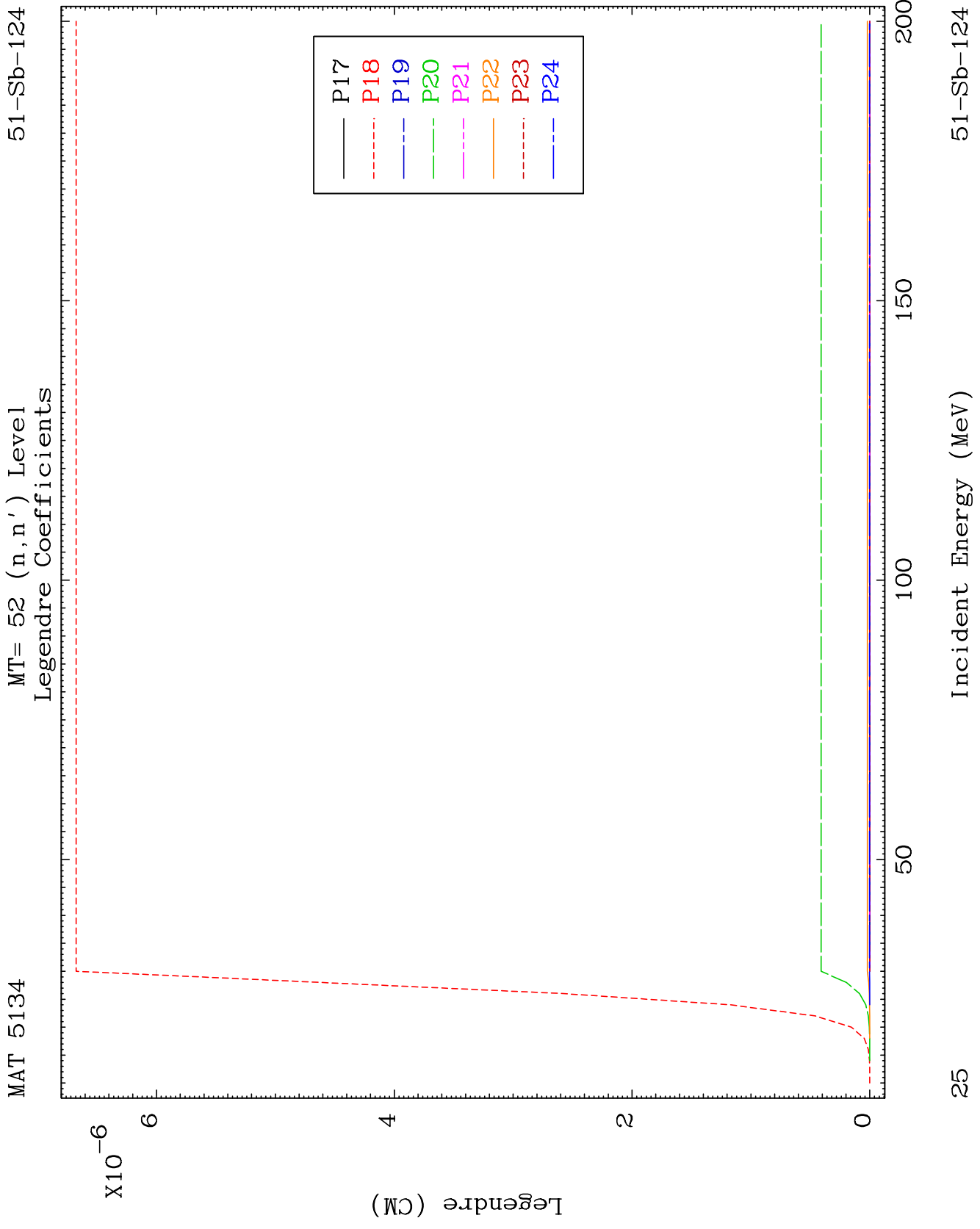
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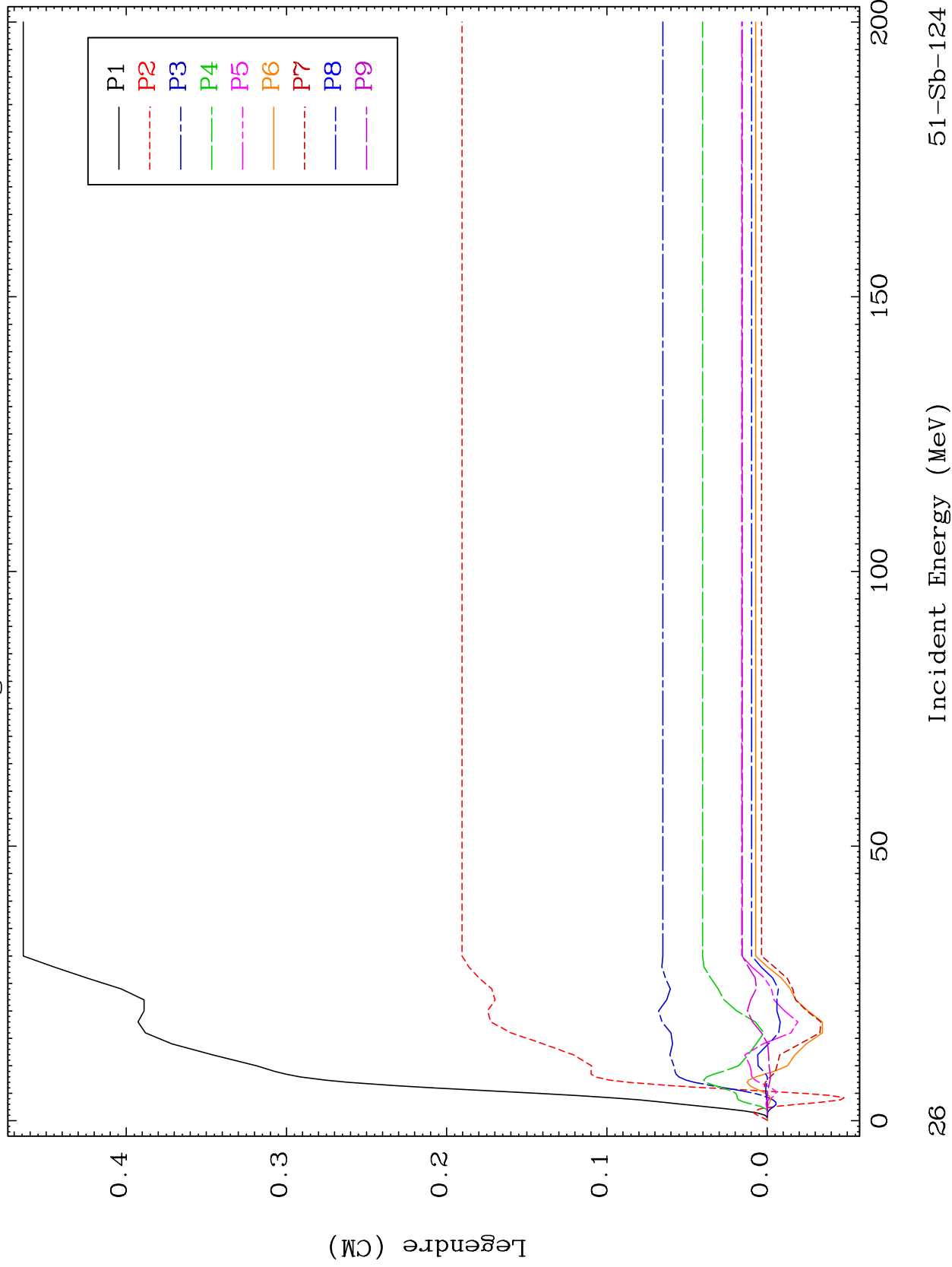


24

Incident Energy (MeV)

51-Sb-124

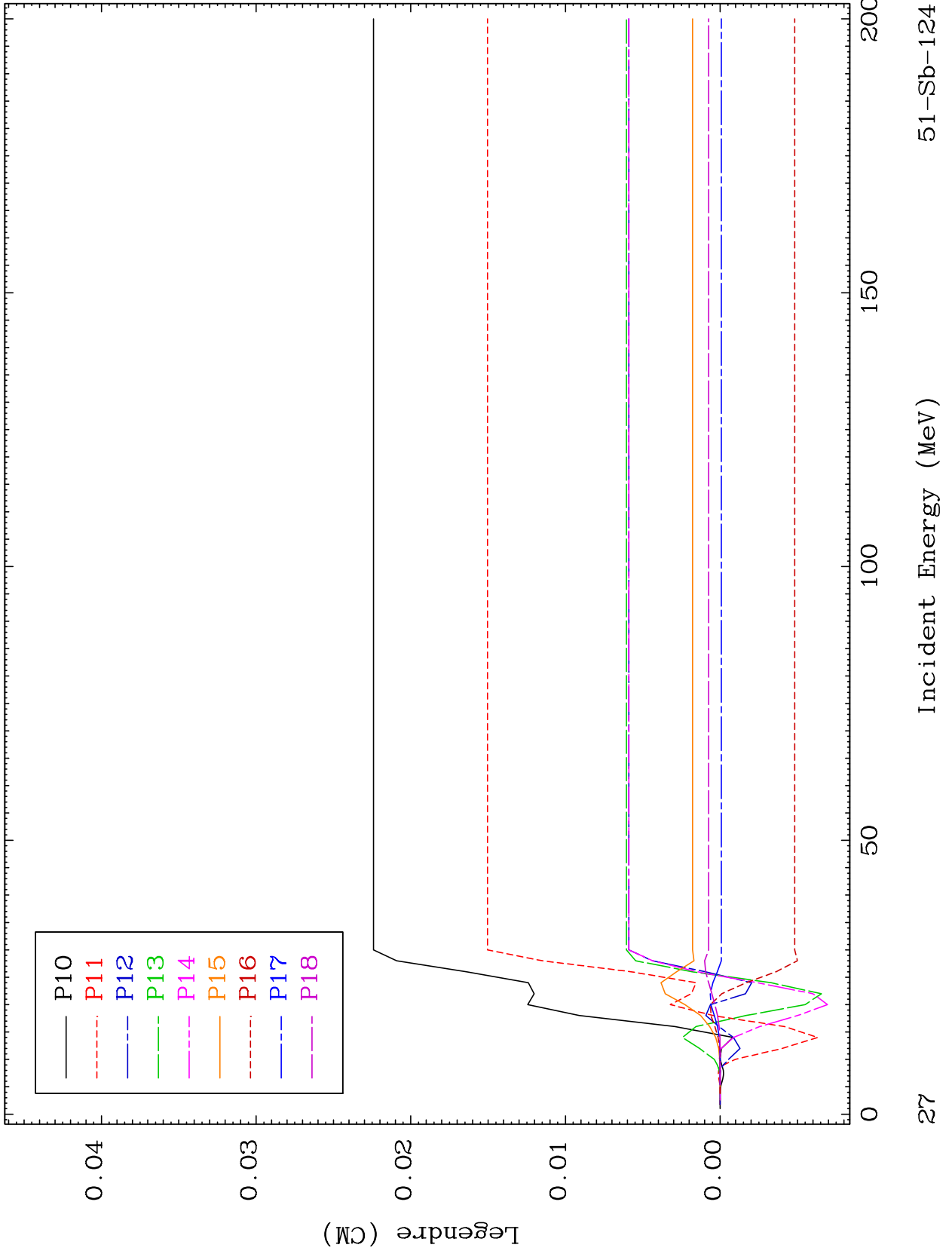




MAT 5134

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

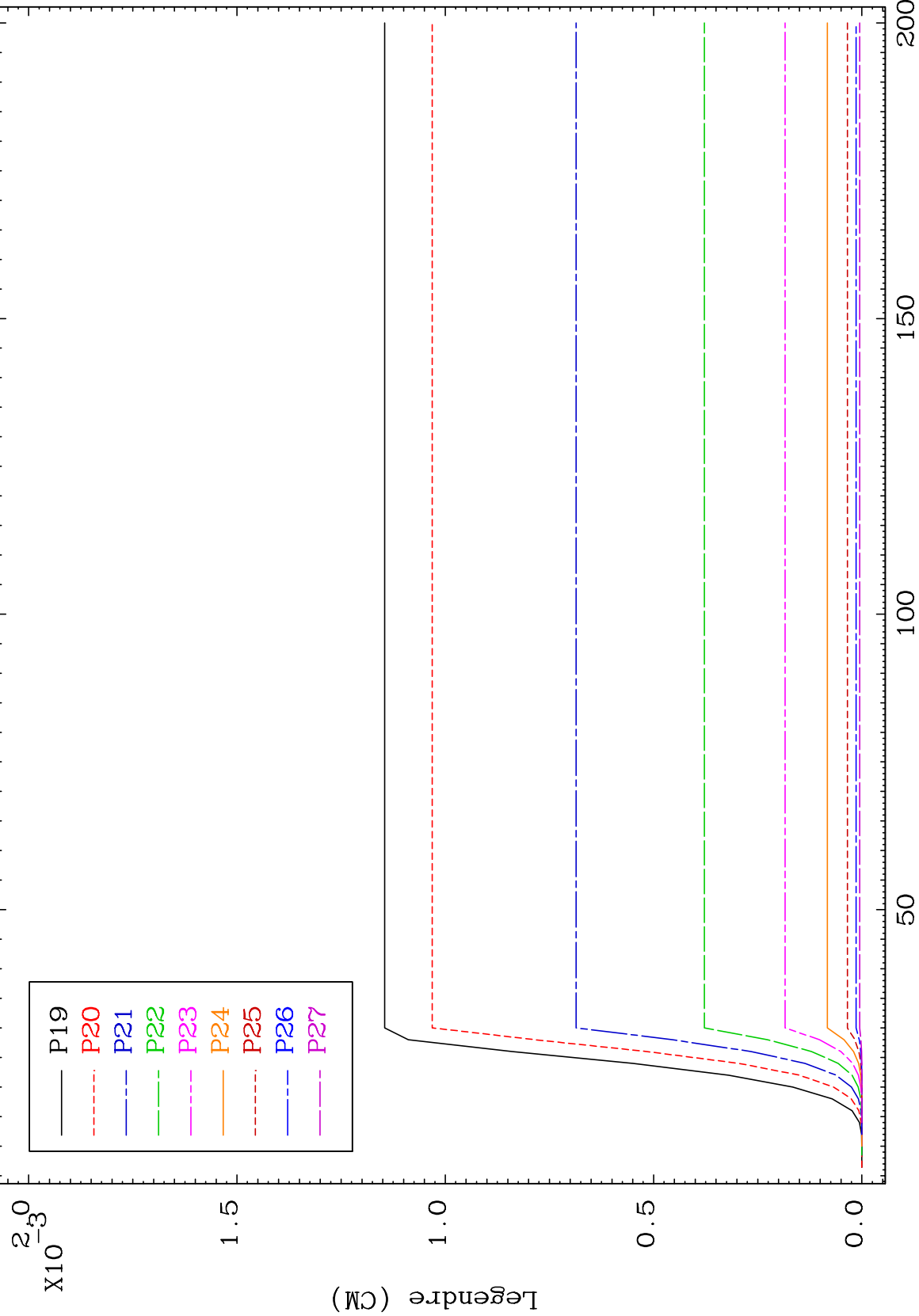
51-Sb-124



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Incident Energy (MeV)

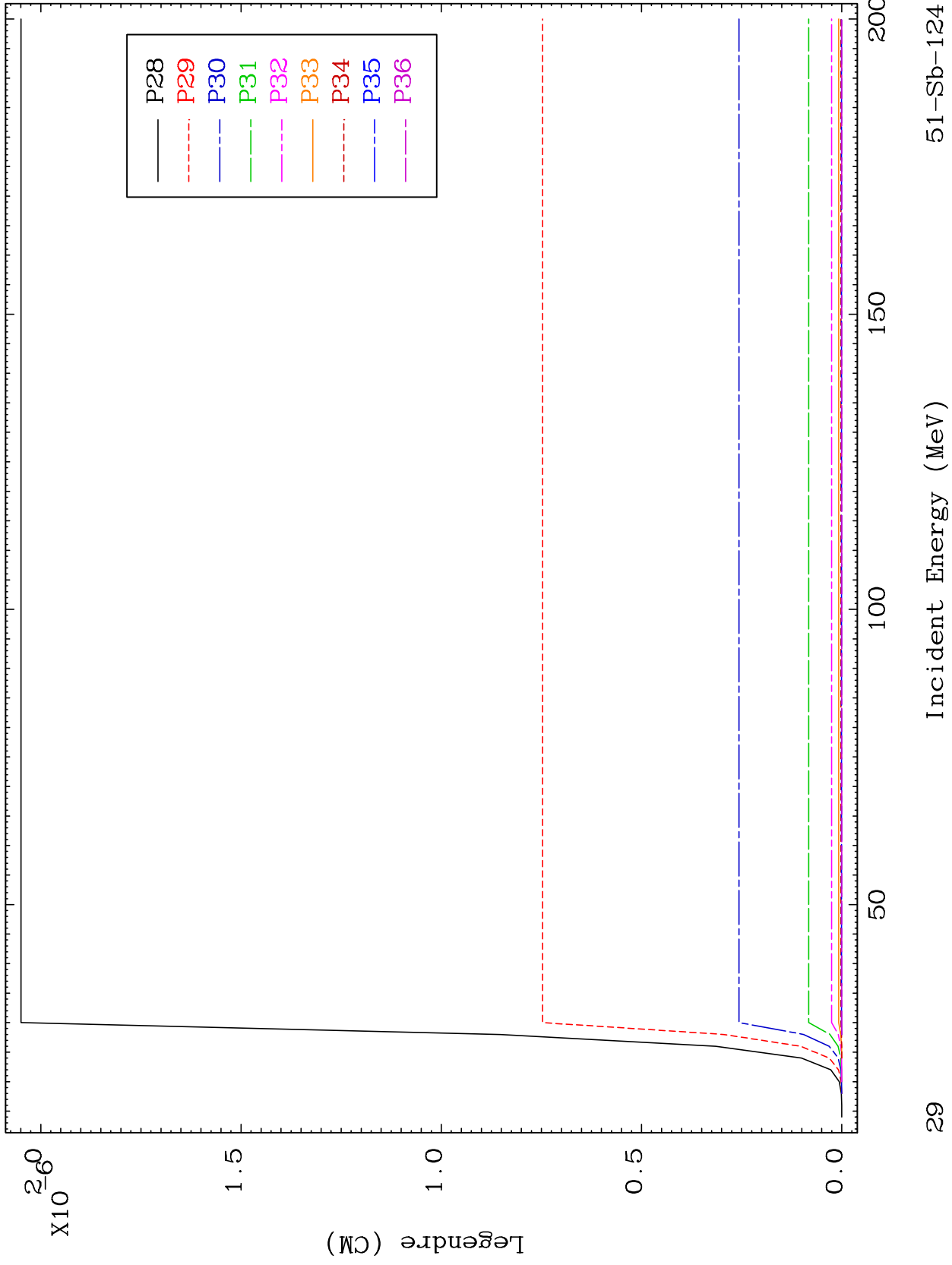
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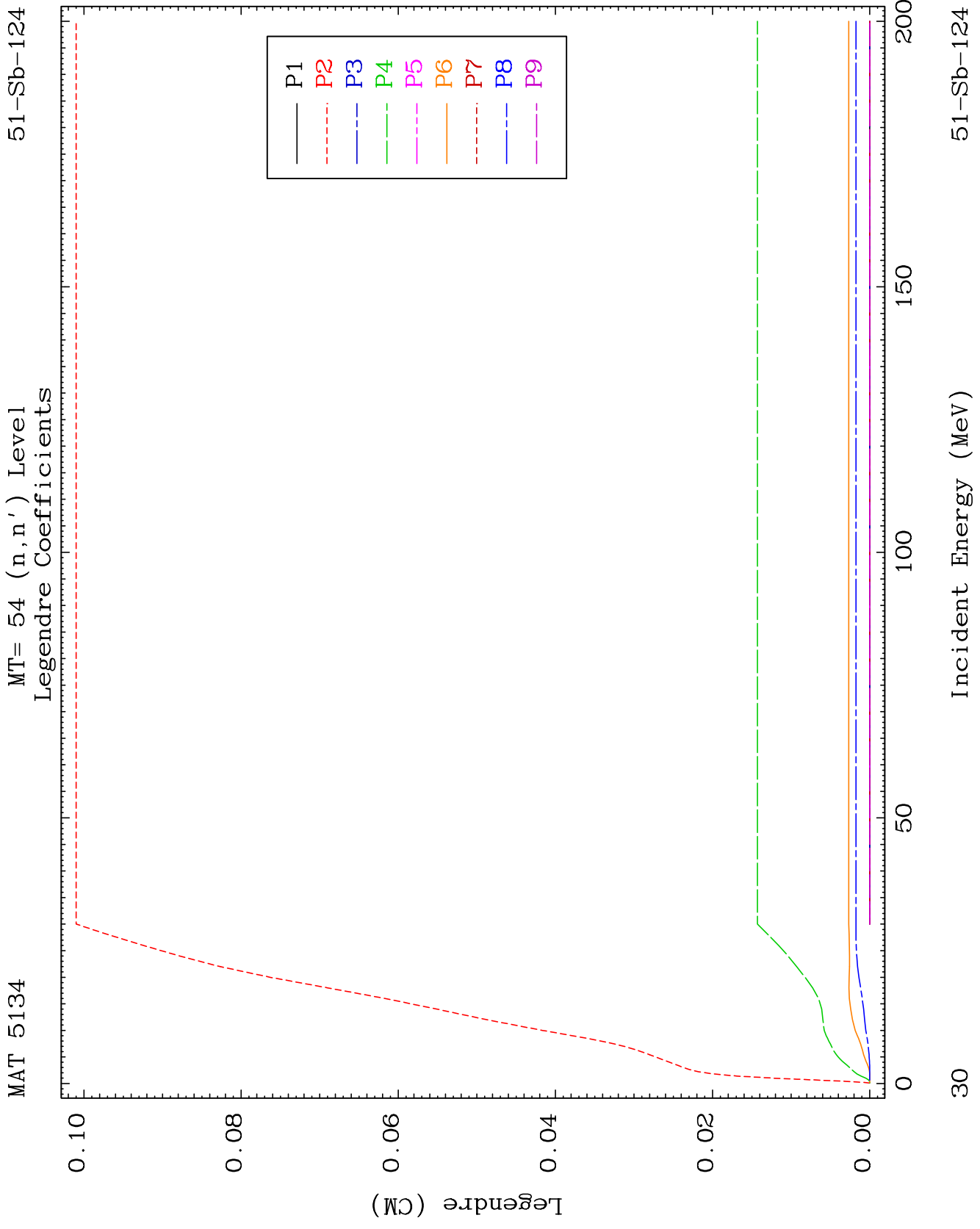


MAT 5134

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

51-Sb-124

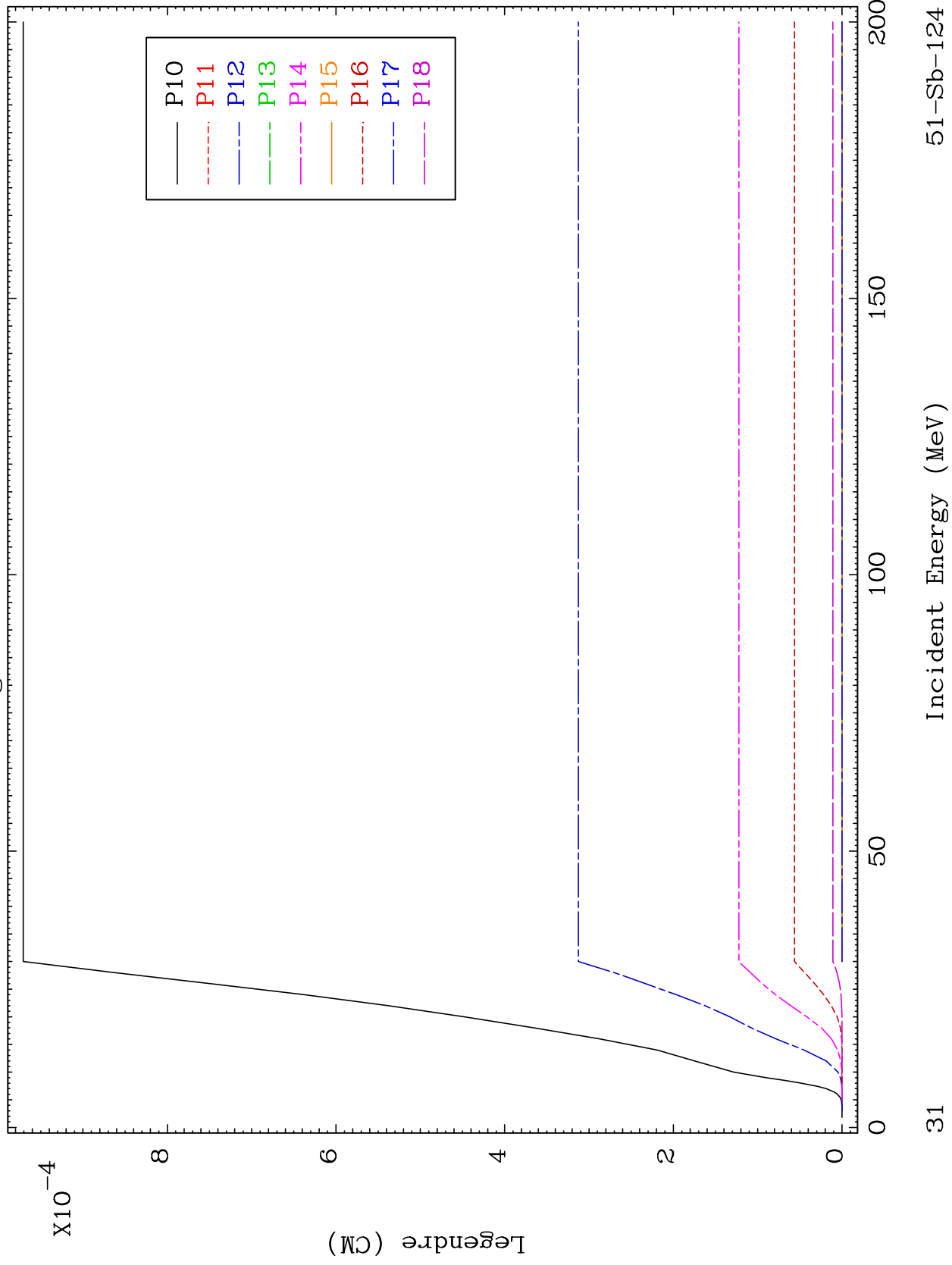




MAT 5134

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

51-Sb-124

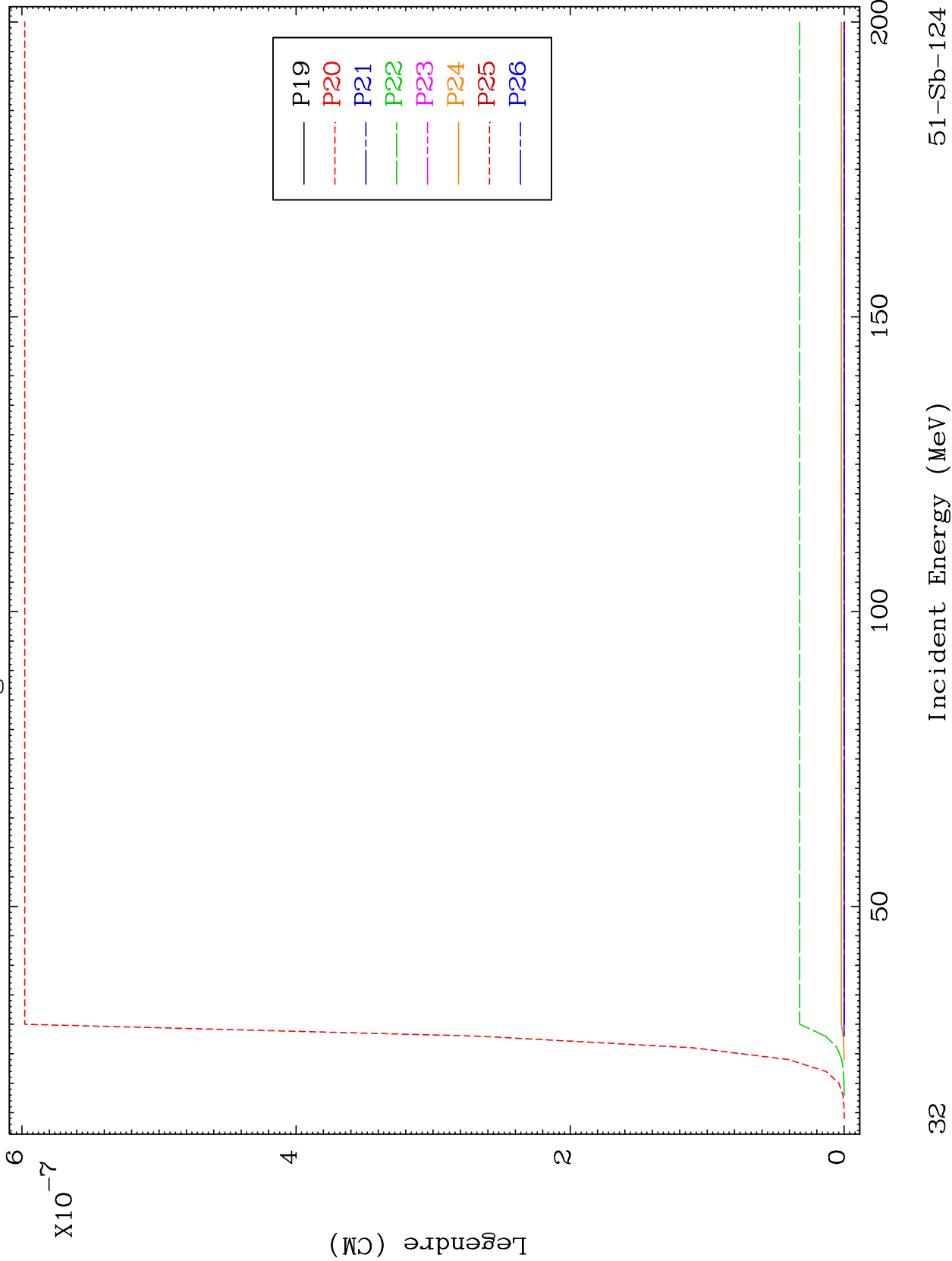


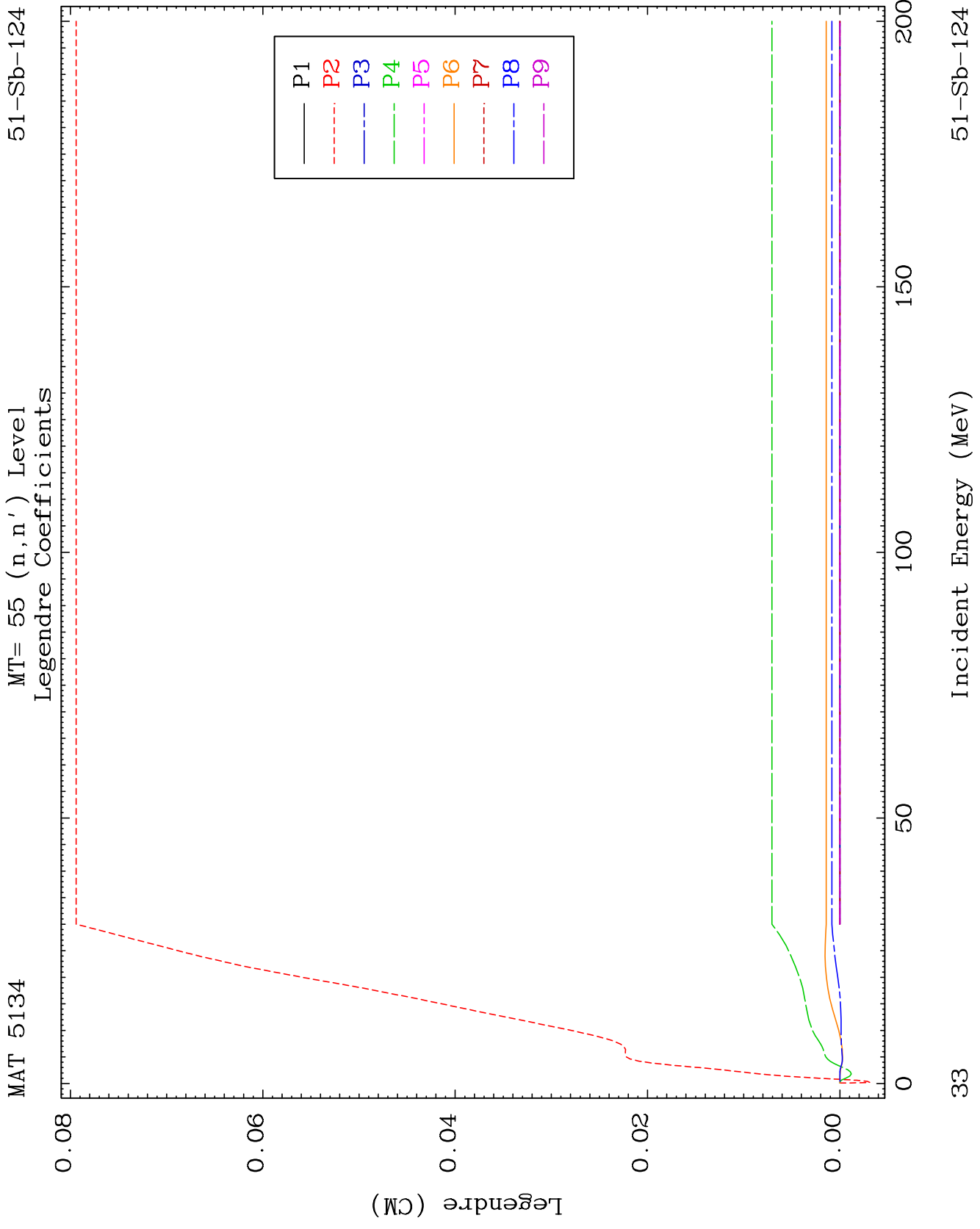


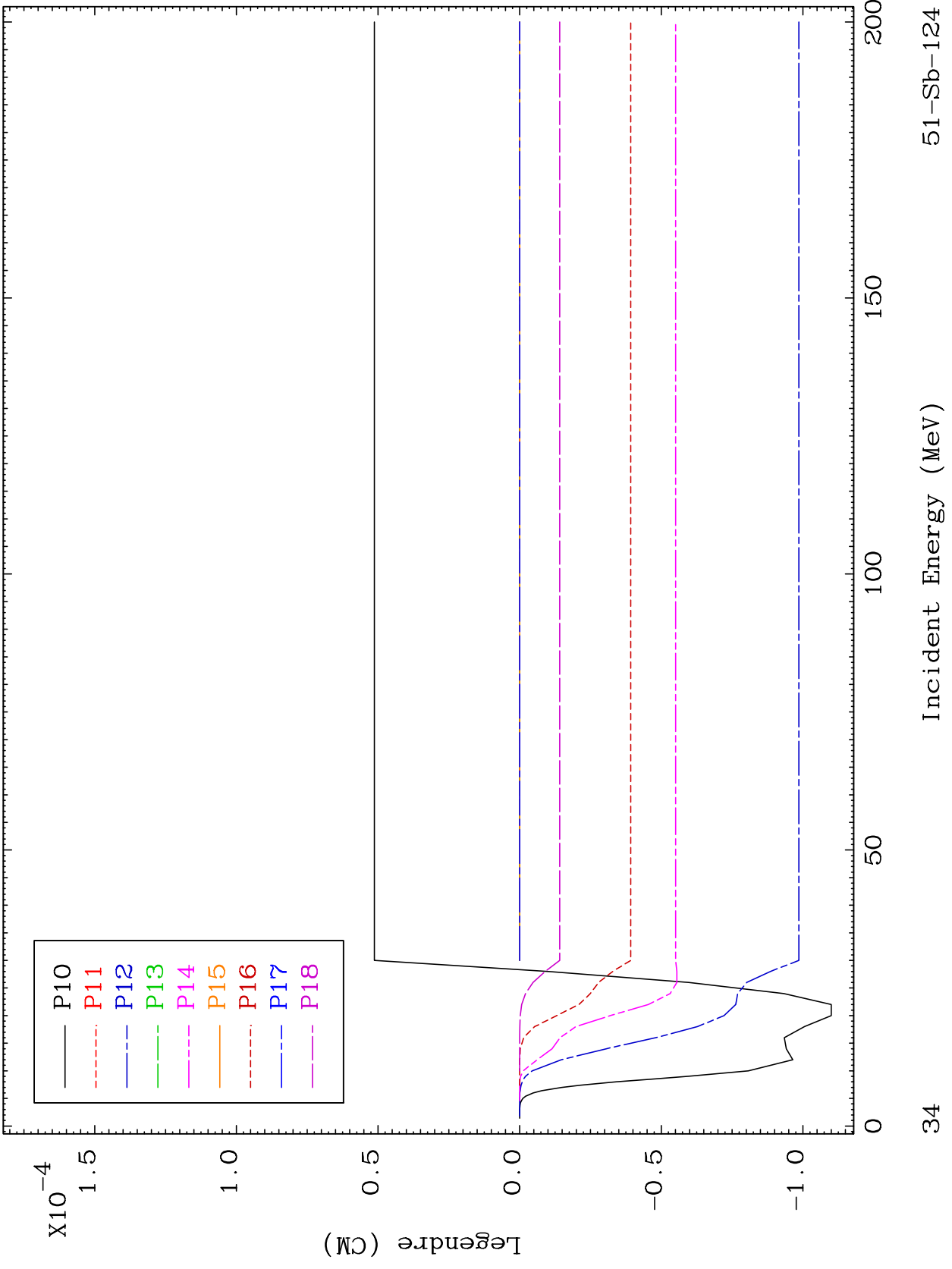
MAT 5134

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

51-Sb-124





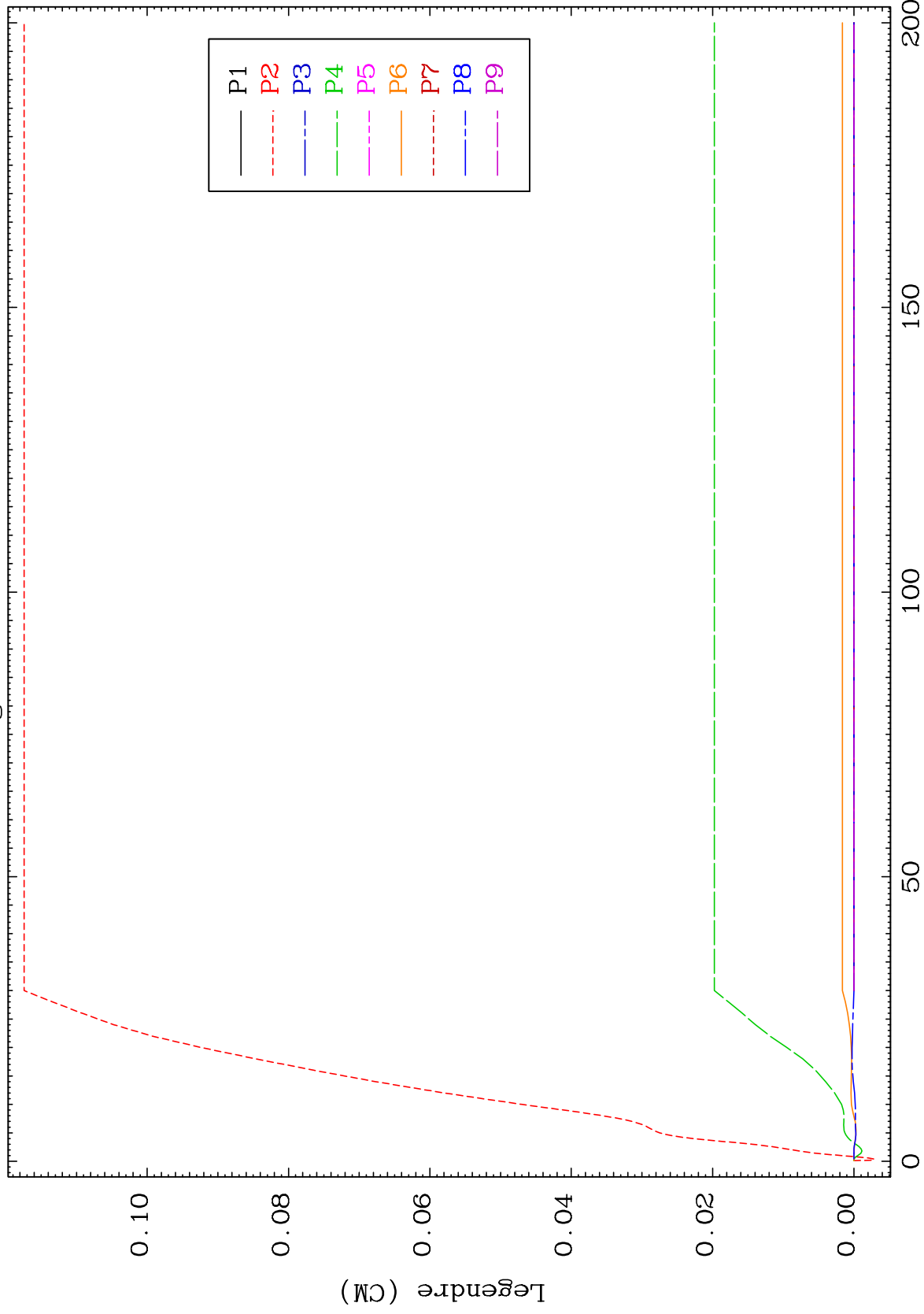




MAT 5134

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

51-Sb-124



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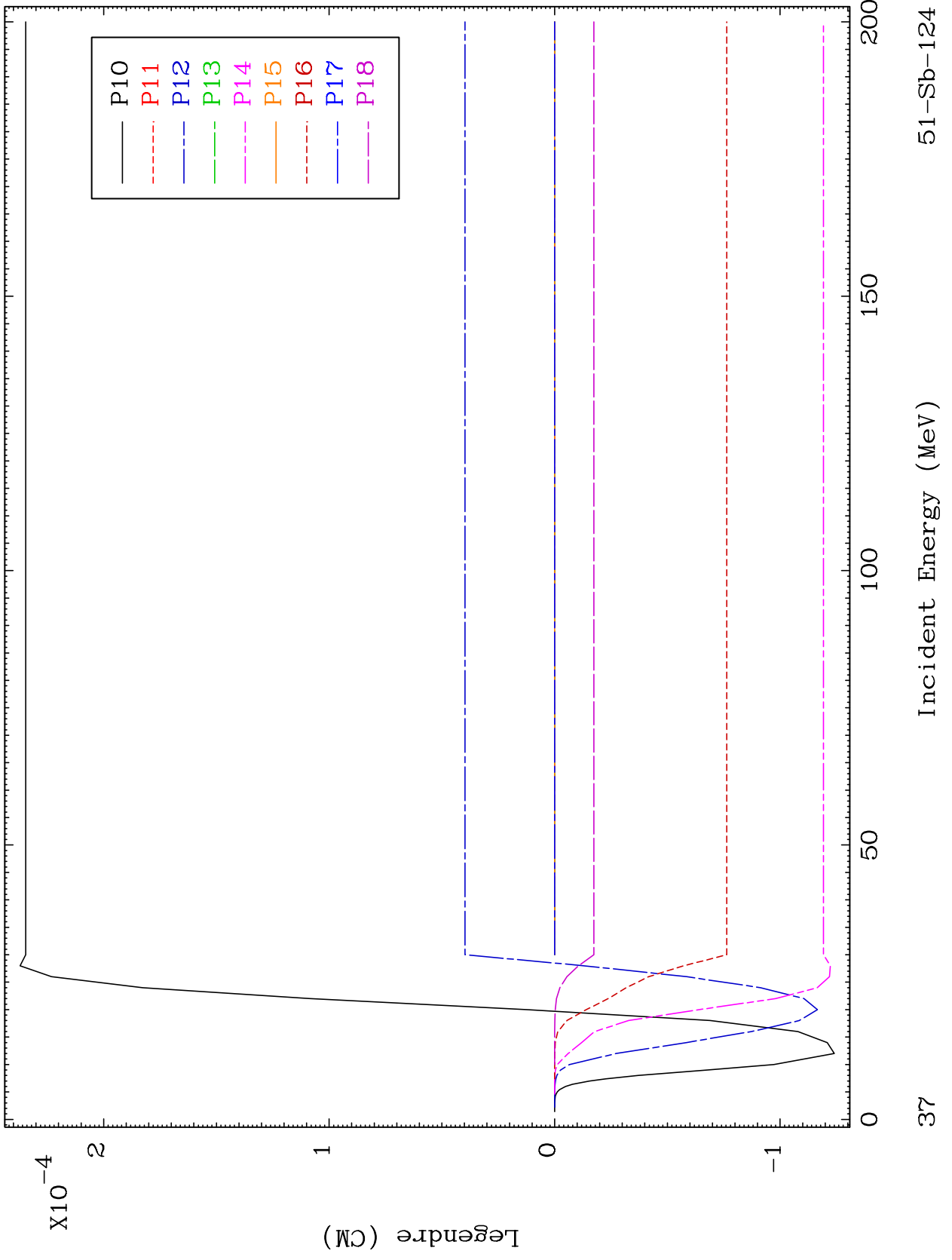
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



51-Sb-124

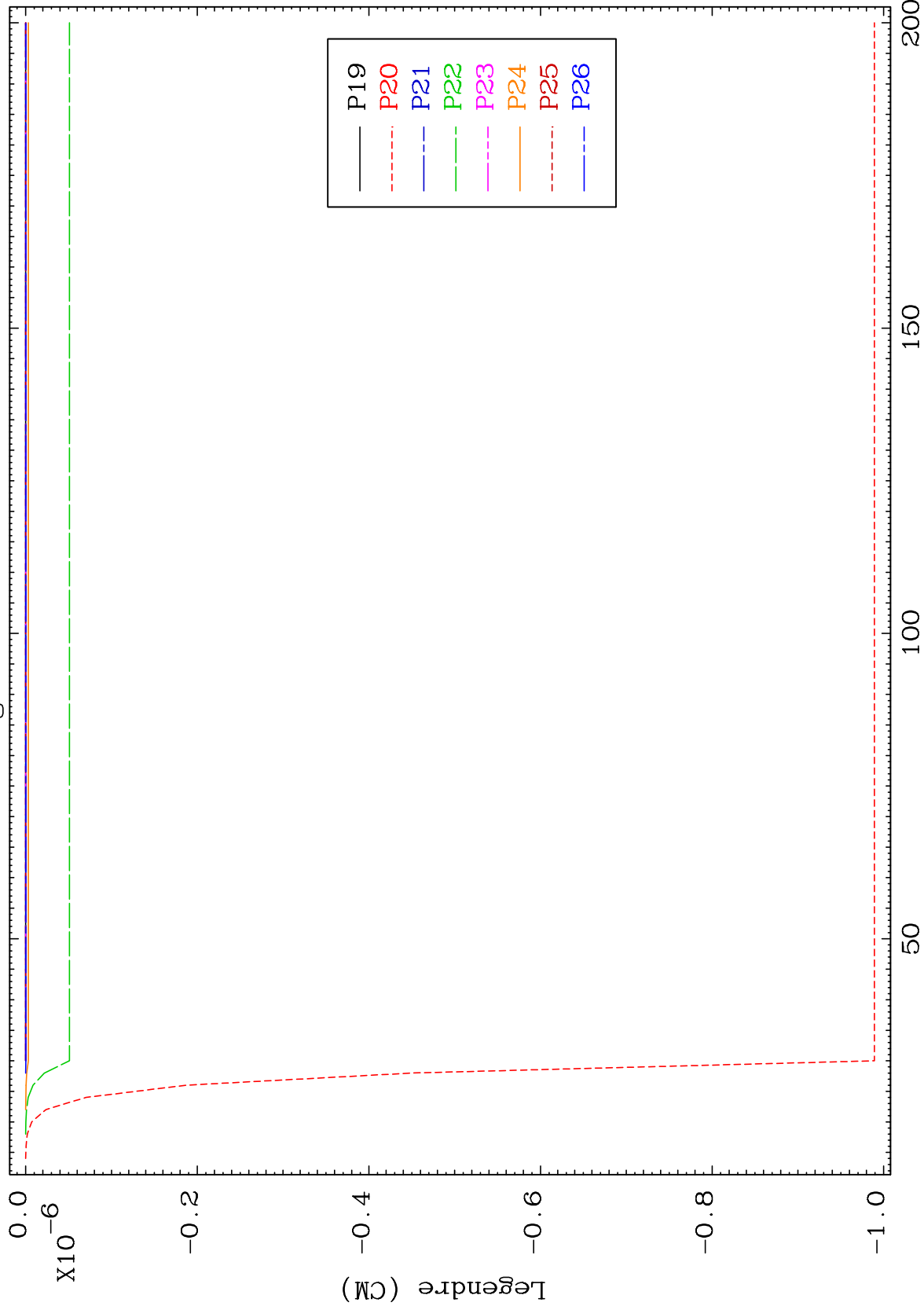
Incident Energy (MeV)

37

MAT 5134

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

51-Sb-124



38

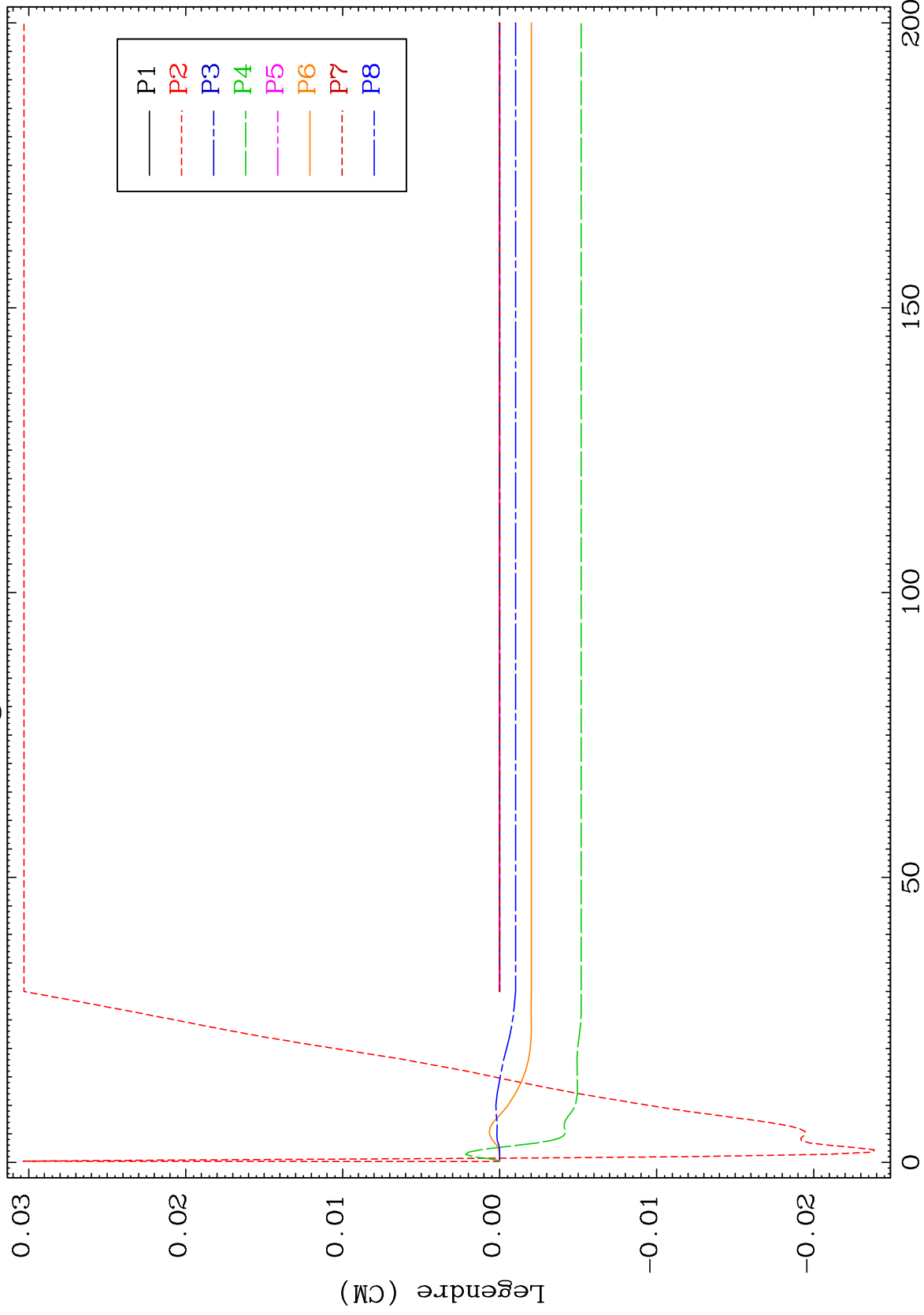
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



51-Sb-124

Incident Energy (MeV)

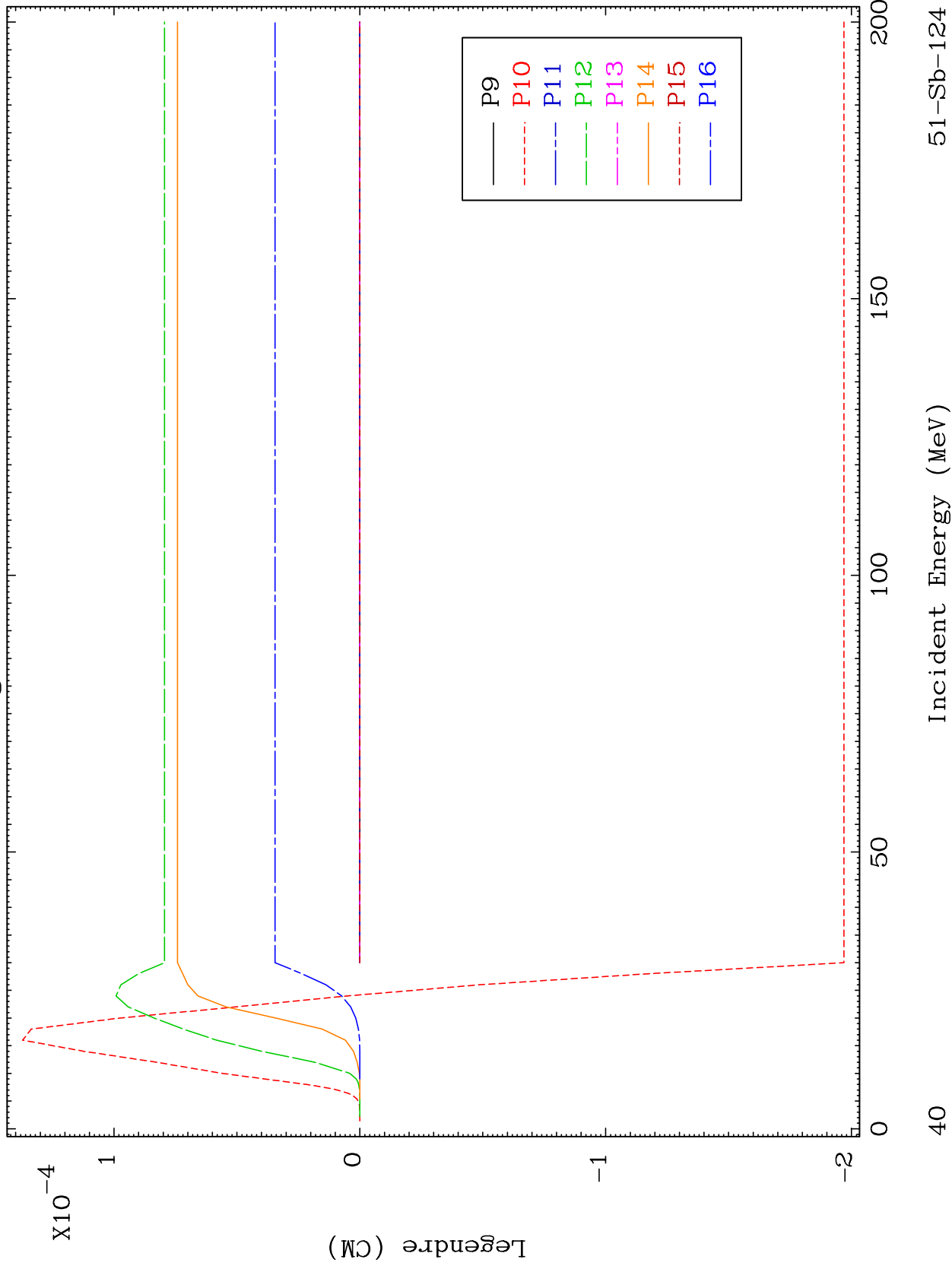
39



MAT 5134

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

51-Sb-124

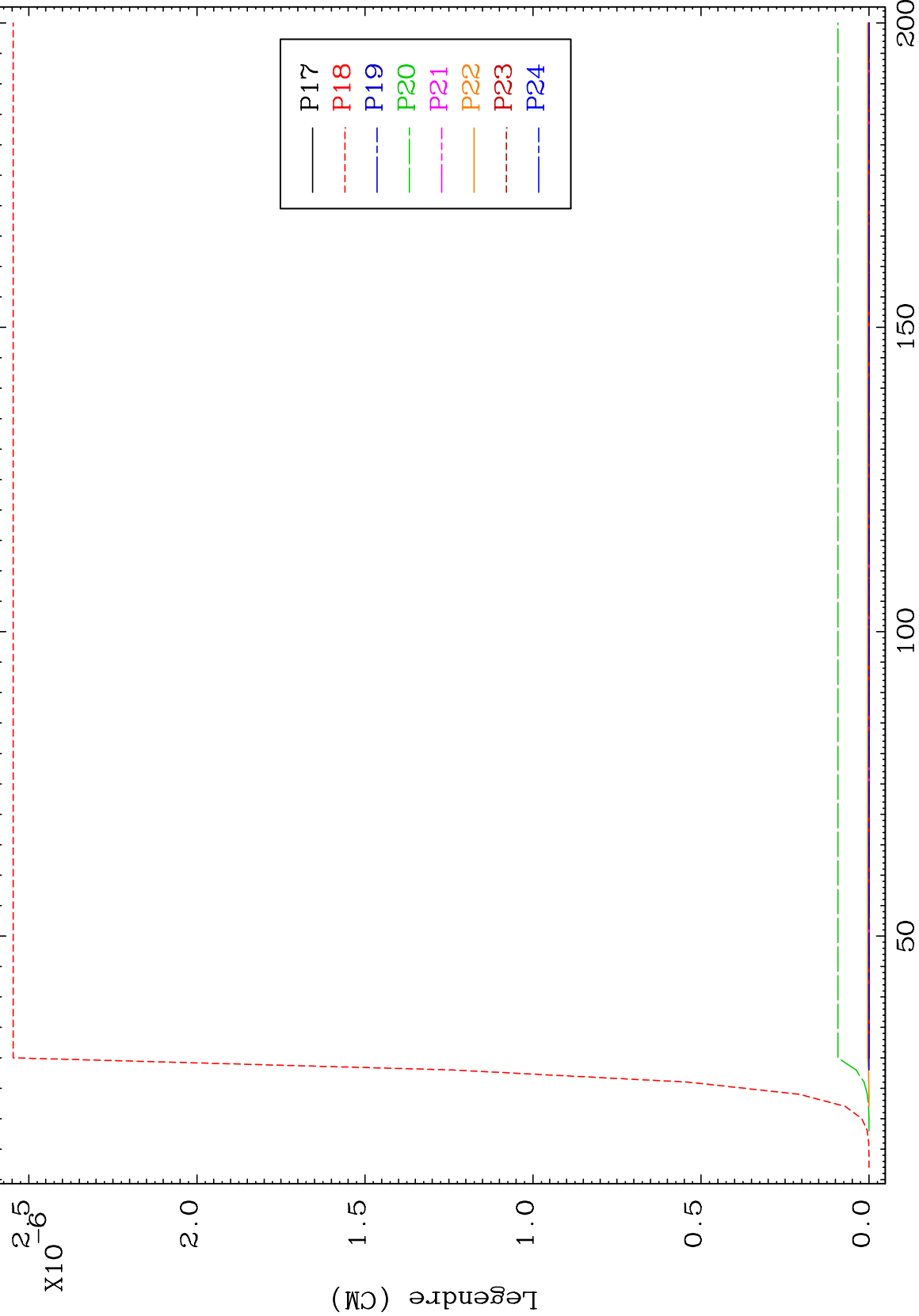


51-Sb-124

MAT 5134

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

51-Sb-124



41

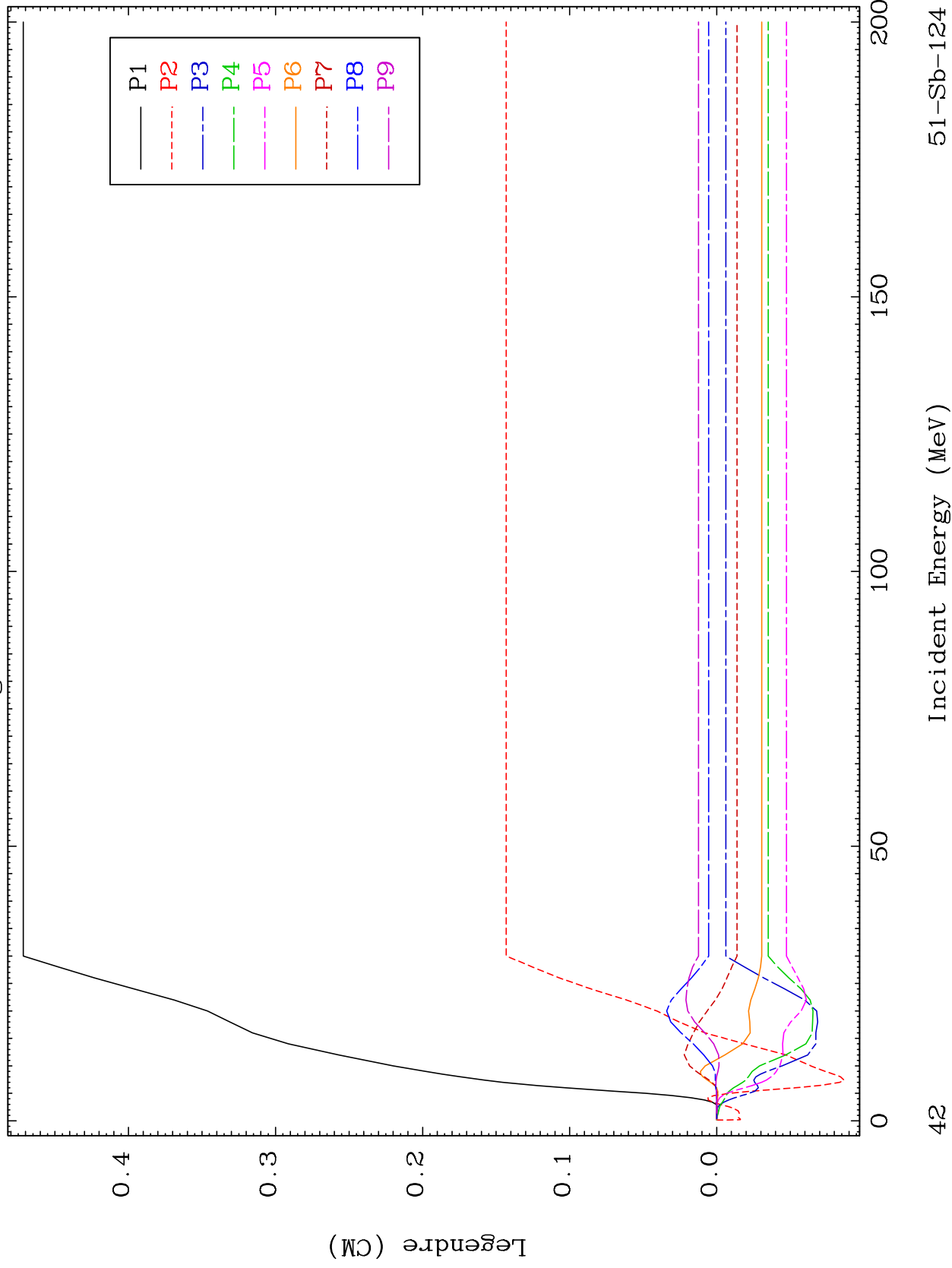
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

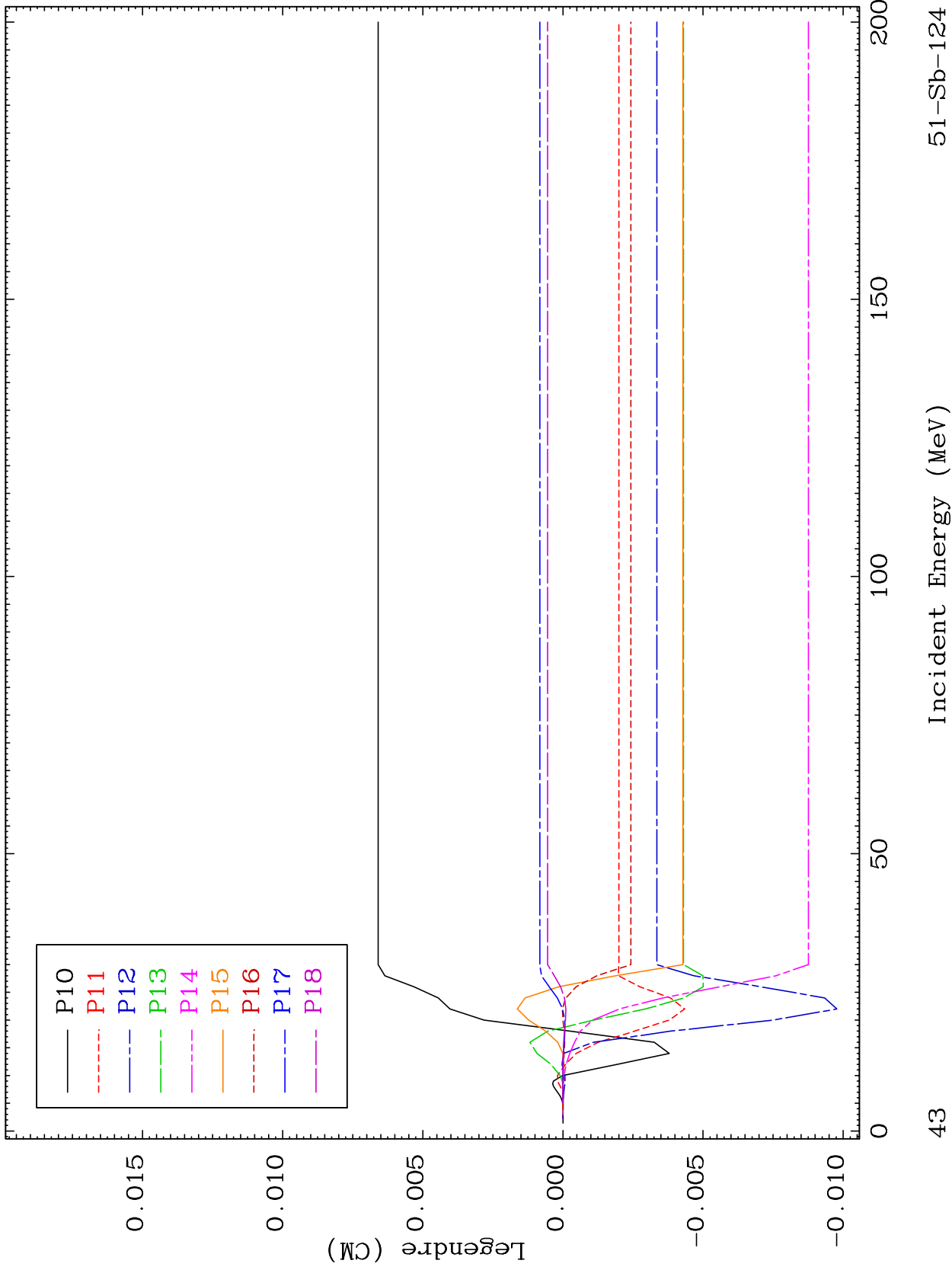
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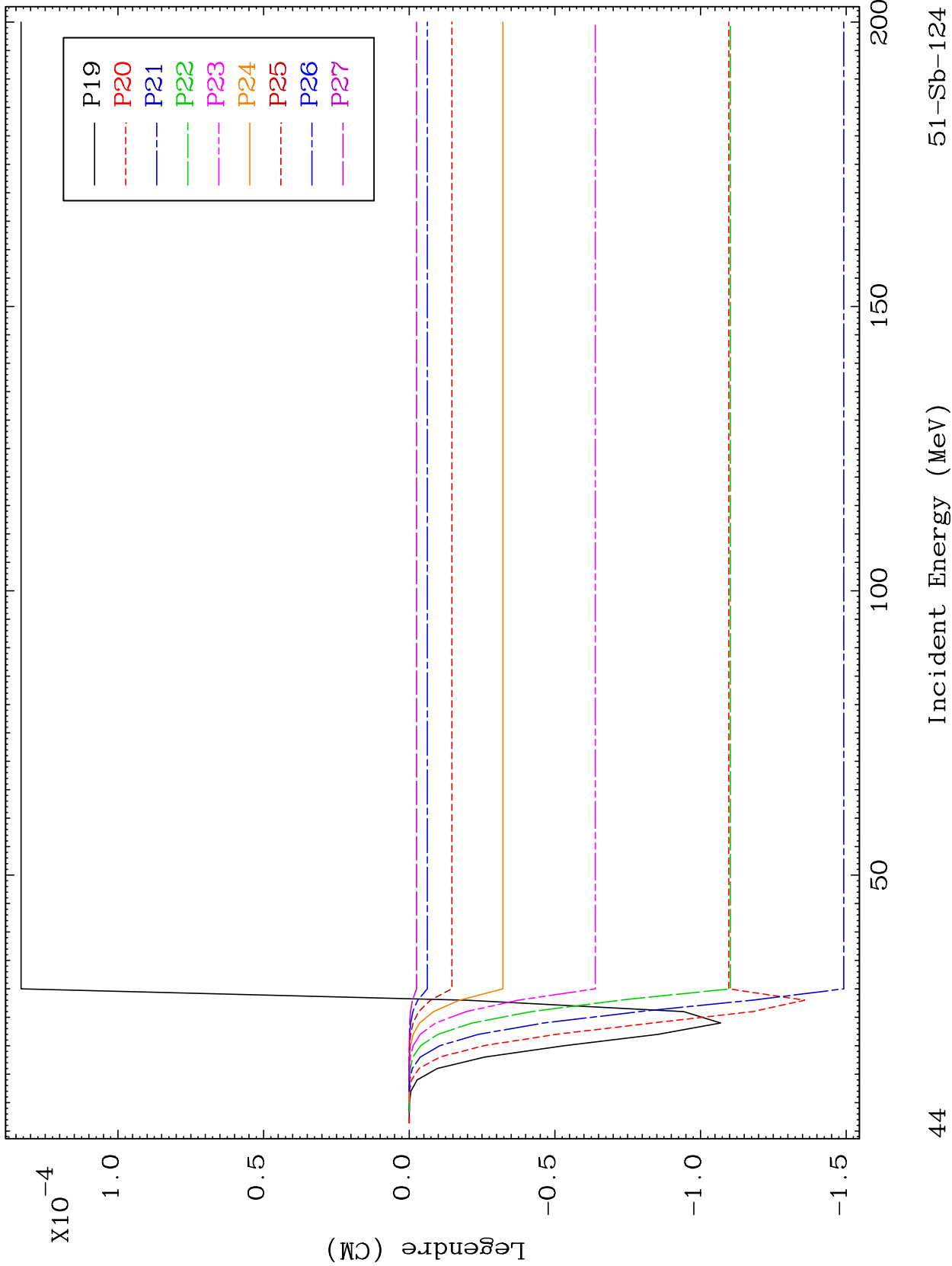


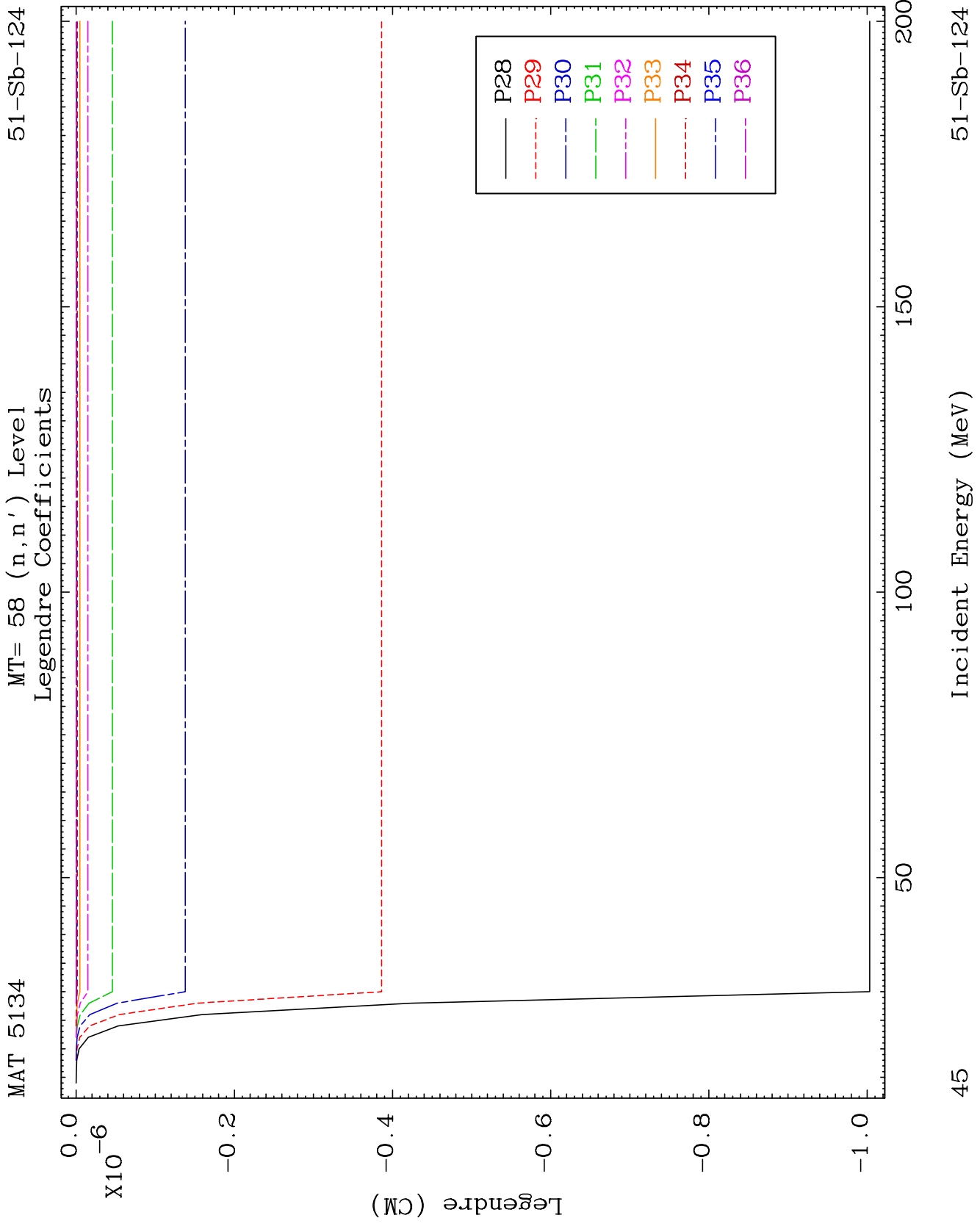
51-Sb-124

Incident Energy (MeV)

42



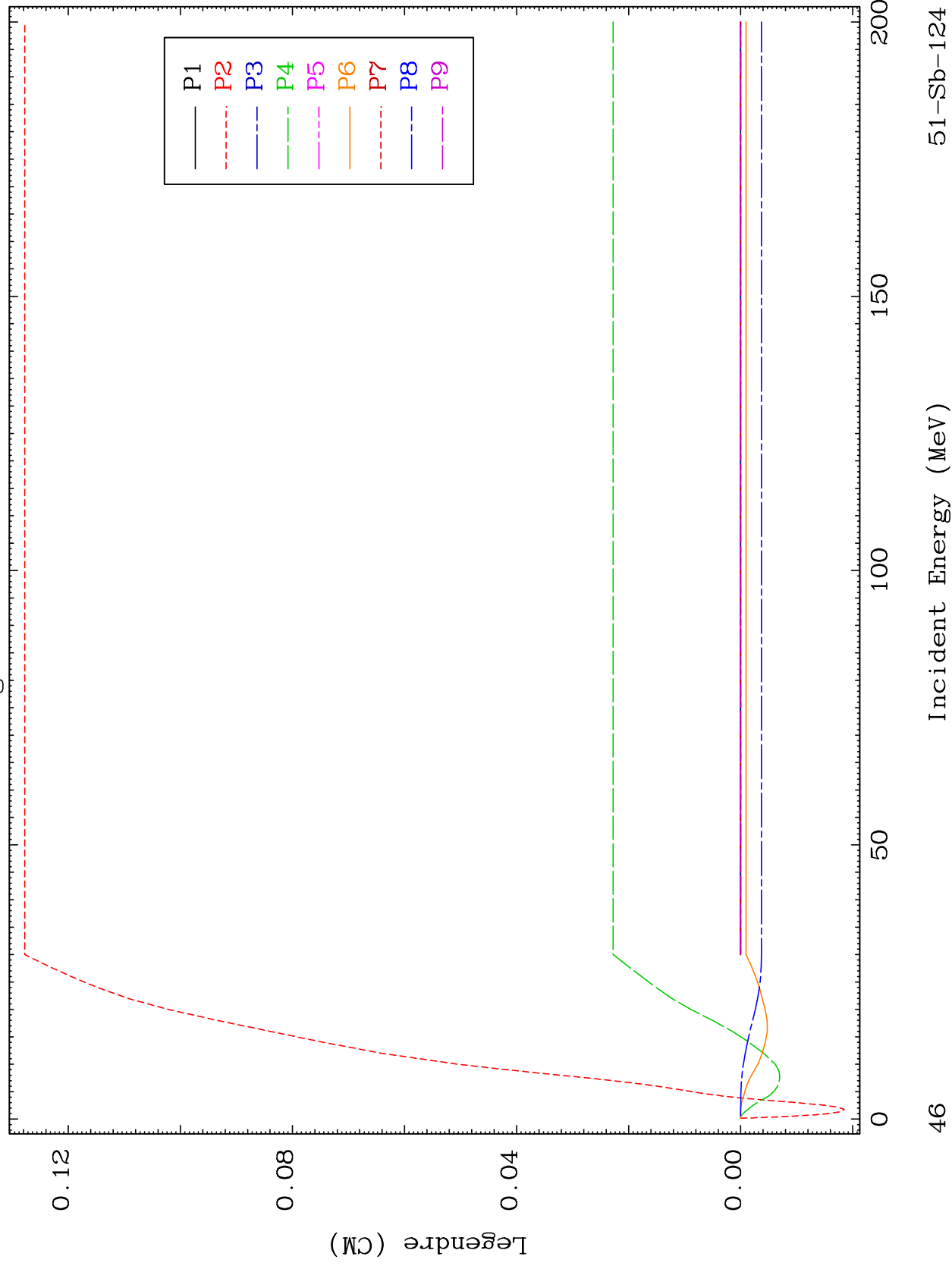




MAT 5134

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

51-Sb-124



51-Sb-124

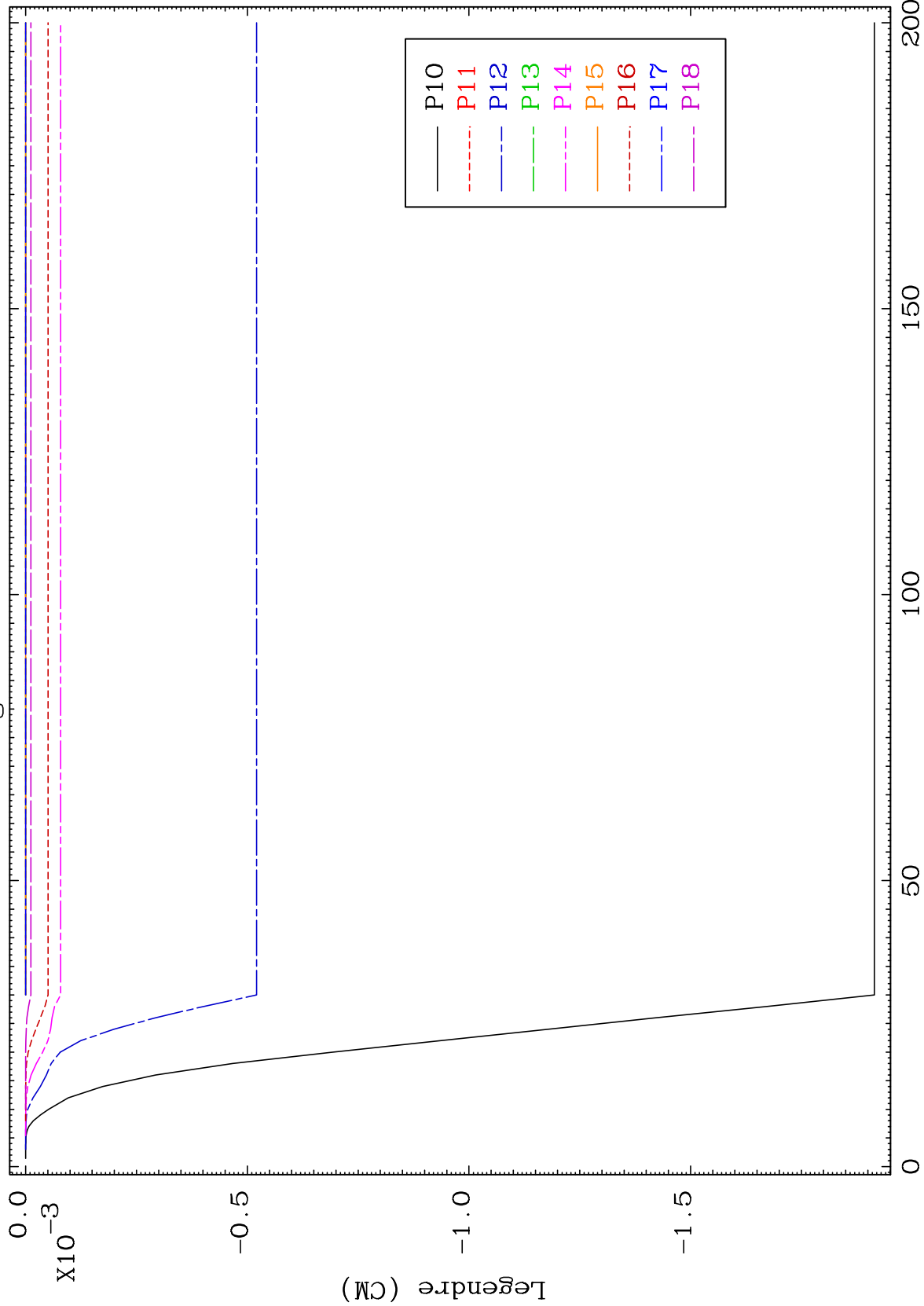
Incident Energy (MeV)

46

MAT 5134

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

51-Sb-124

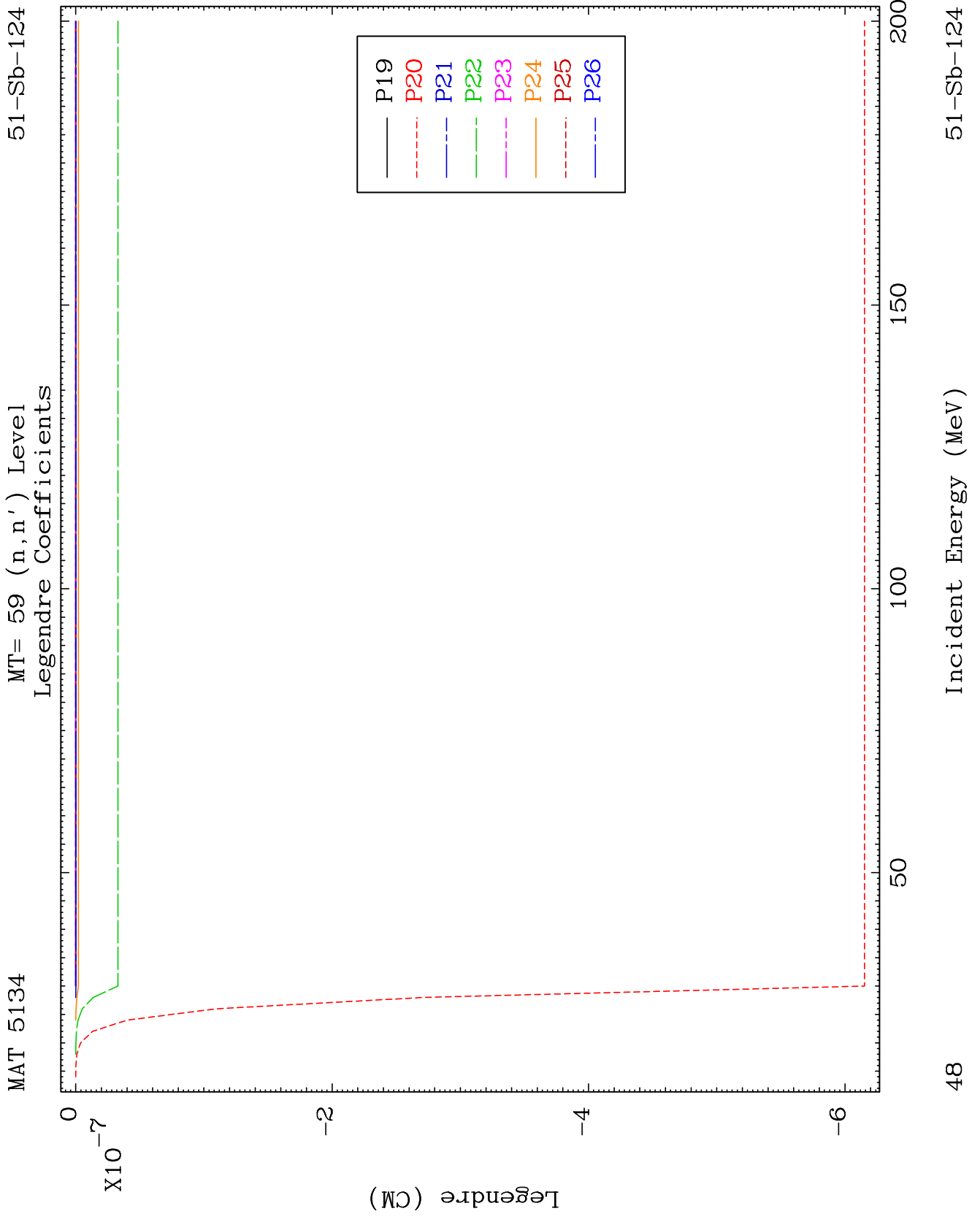


47

Incident Energy (MeV)

51-Sb-124

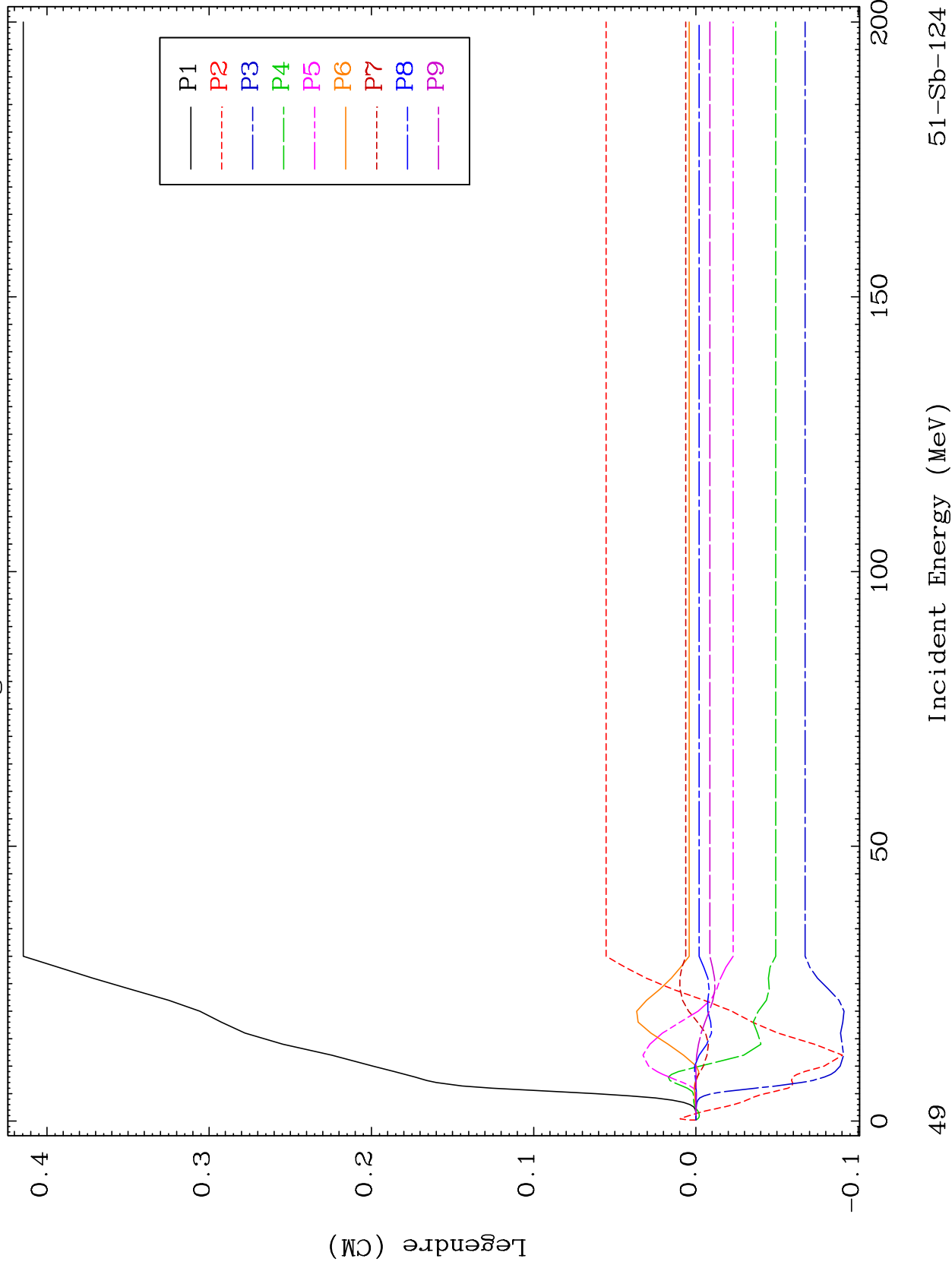




MAT 5134

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

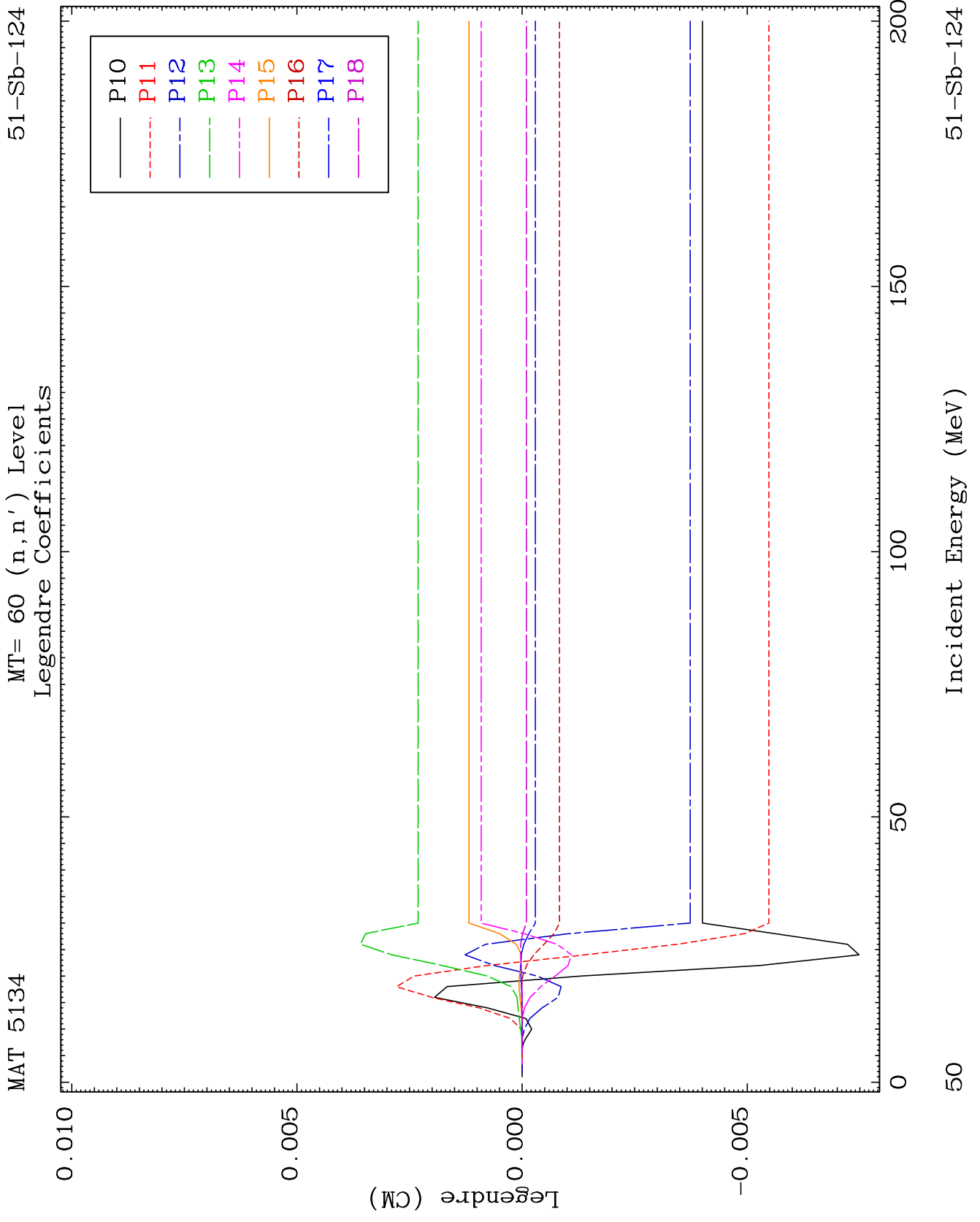
51-Sb-124



51-Sb-124

Incident Energy (MeV)

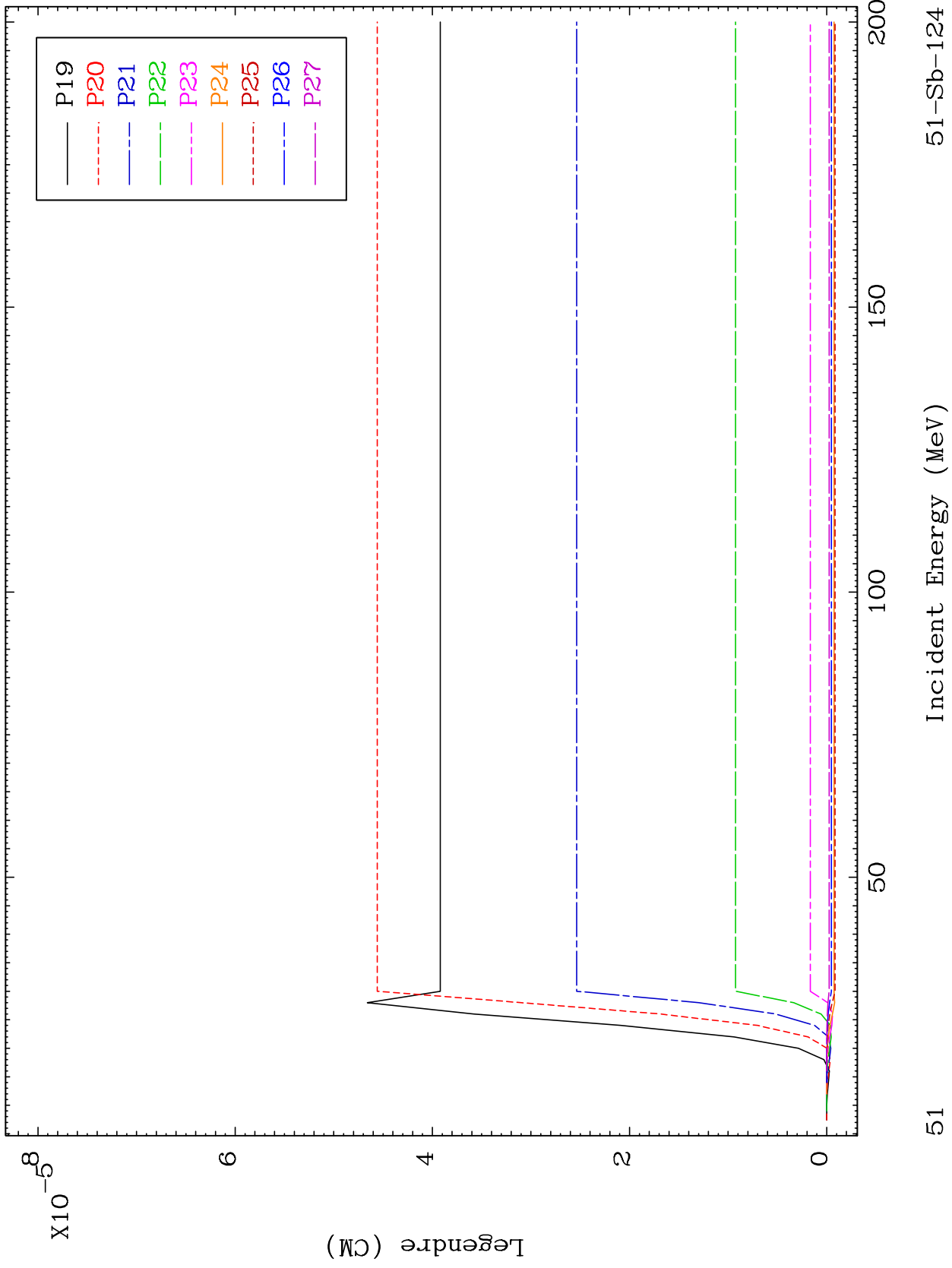
49



MAT 5134

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

51-Sb-124



51

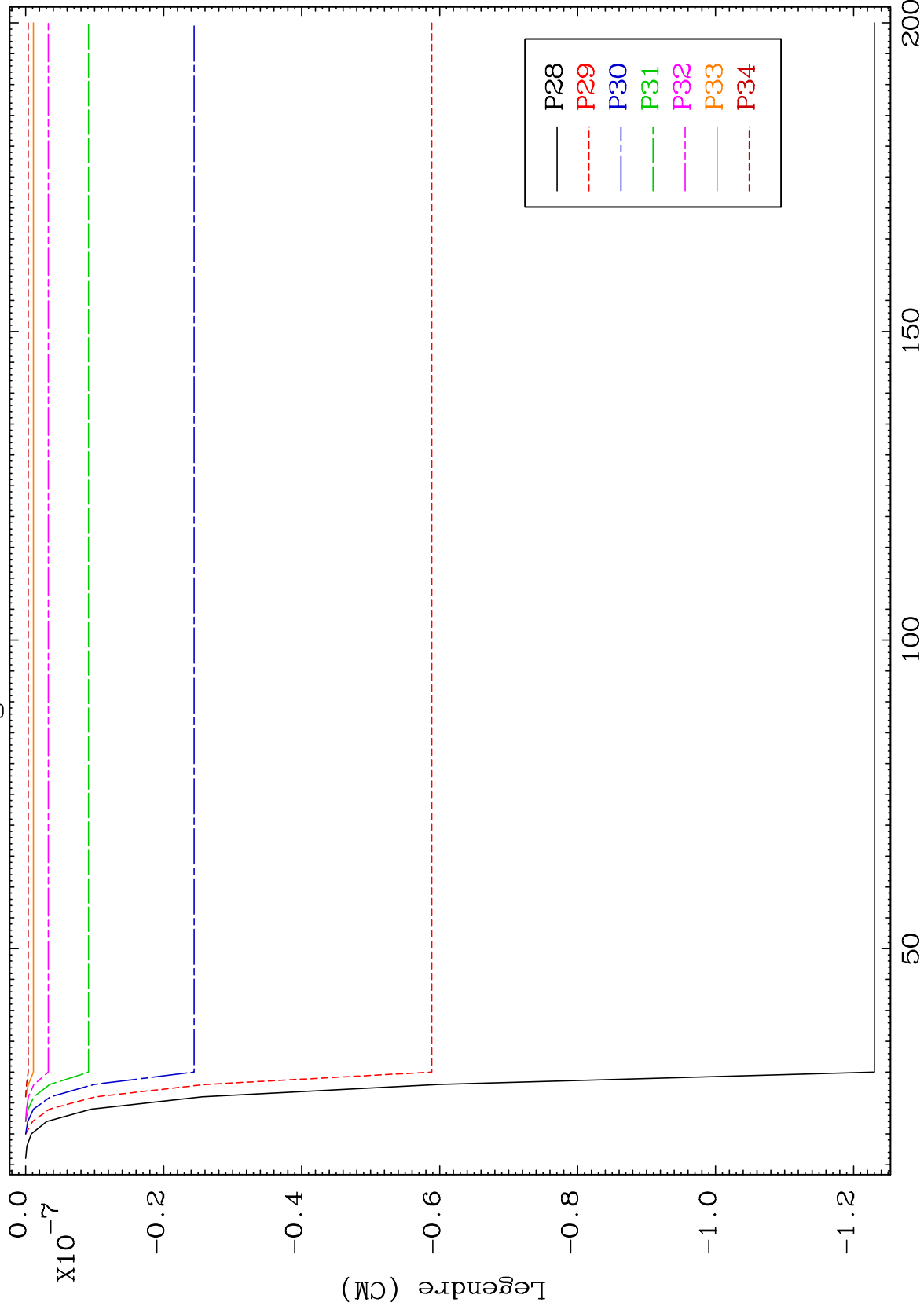
51-Sb-124

MAT 5134

MT= 60 (n,n') Level

51-Sb-124

Legendre Coefficients



52

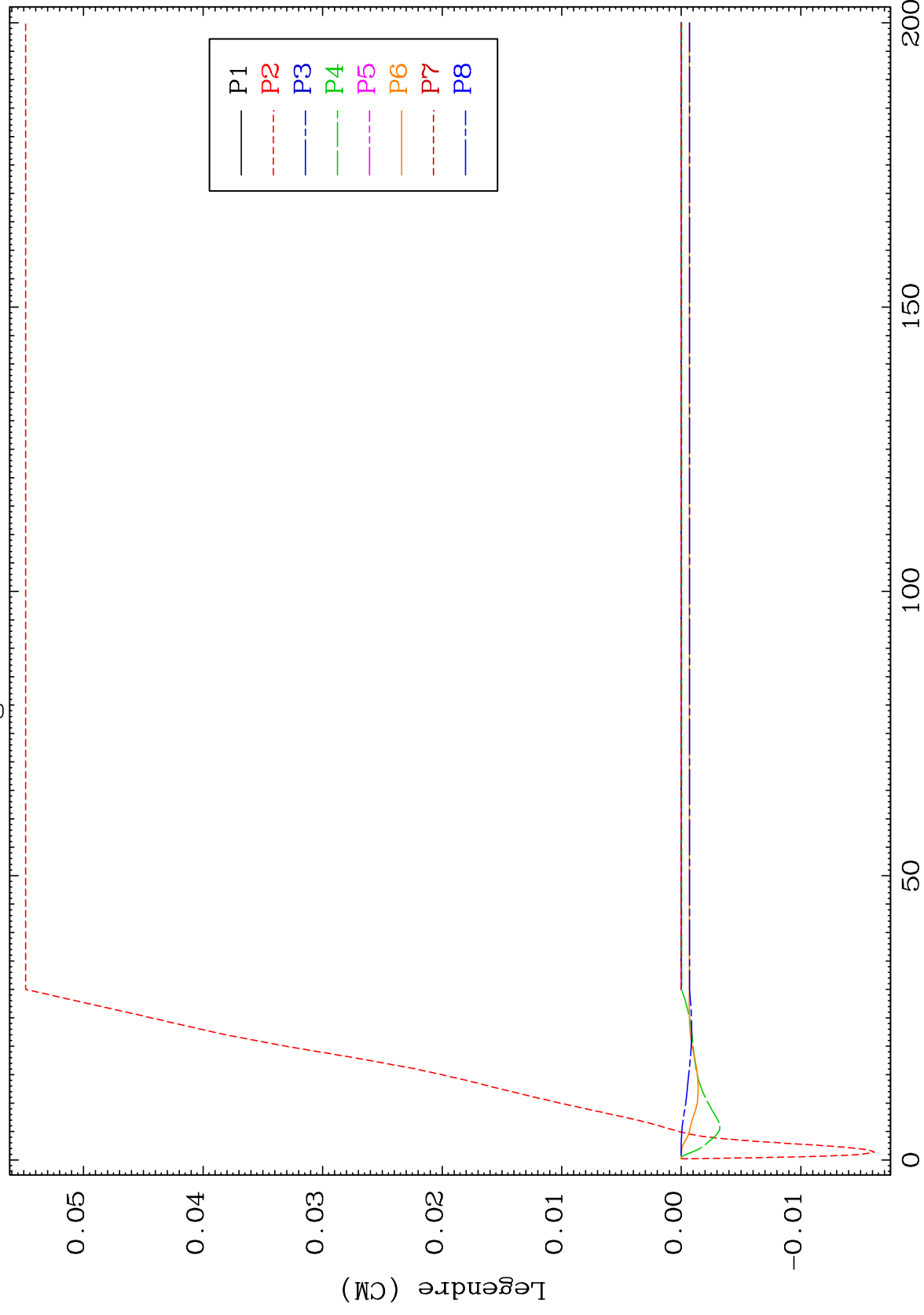
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



53

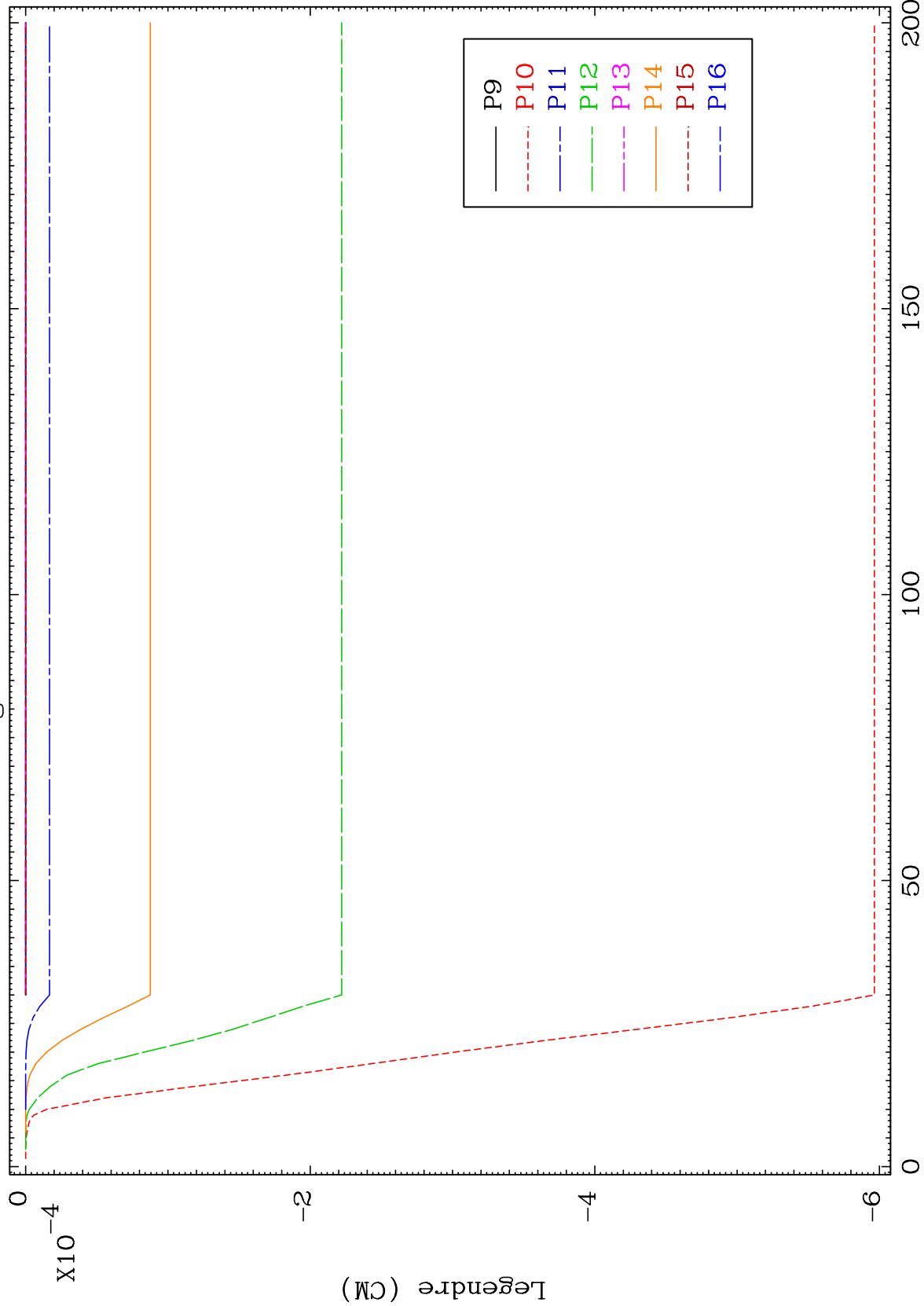
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



54

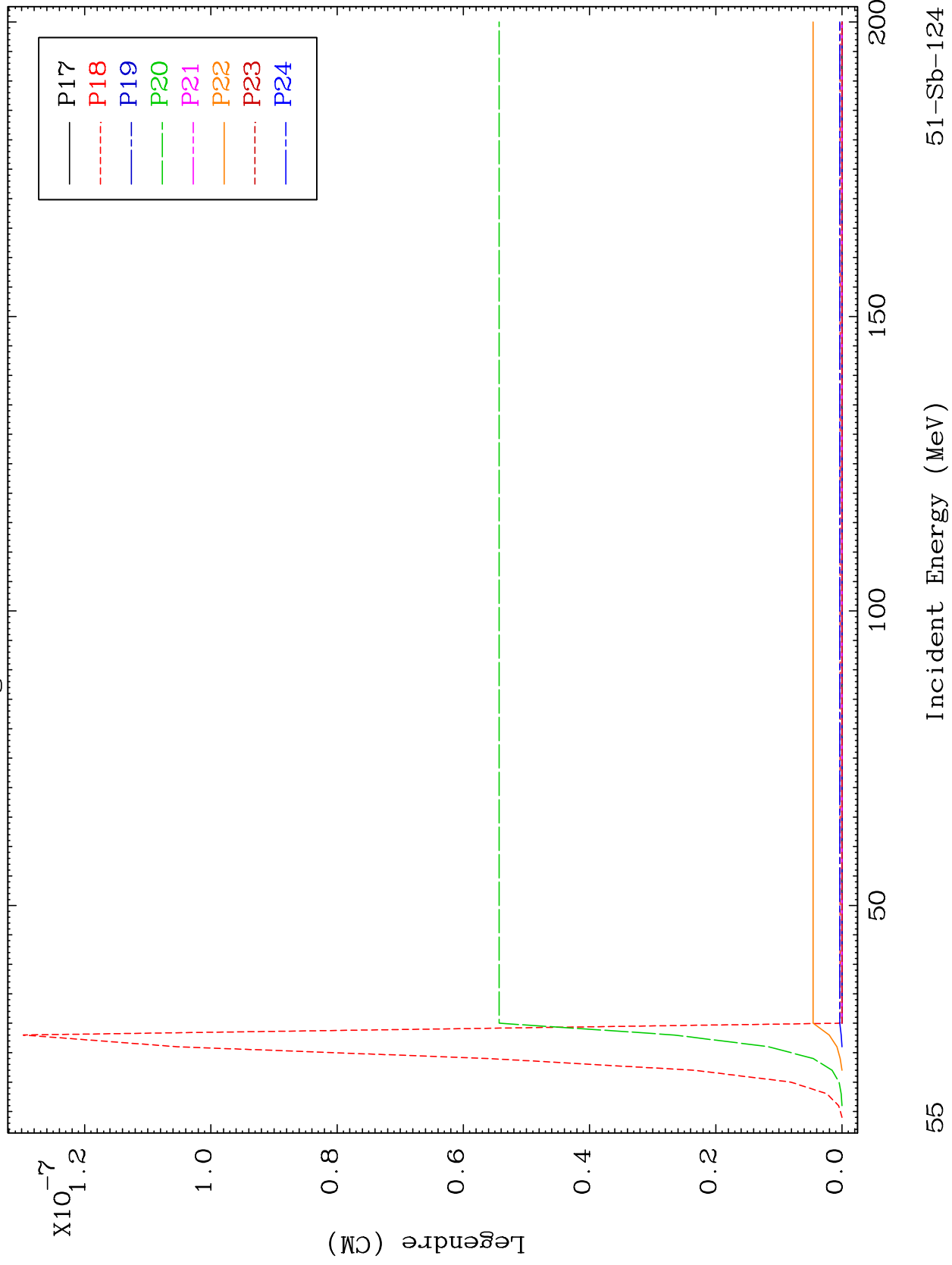
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



55

Incident Energy (MeV)

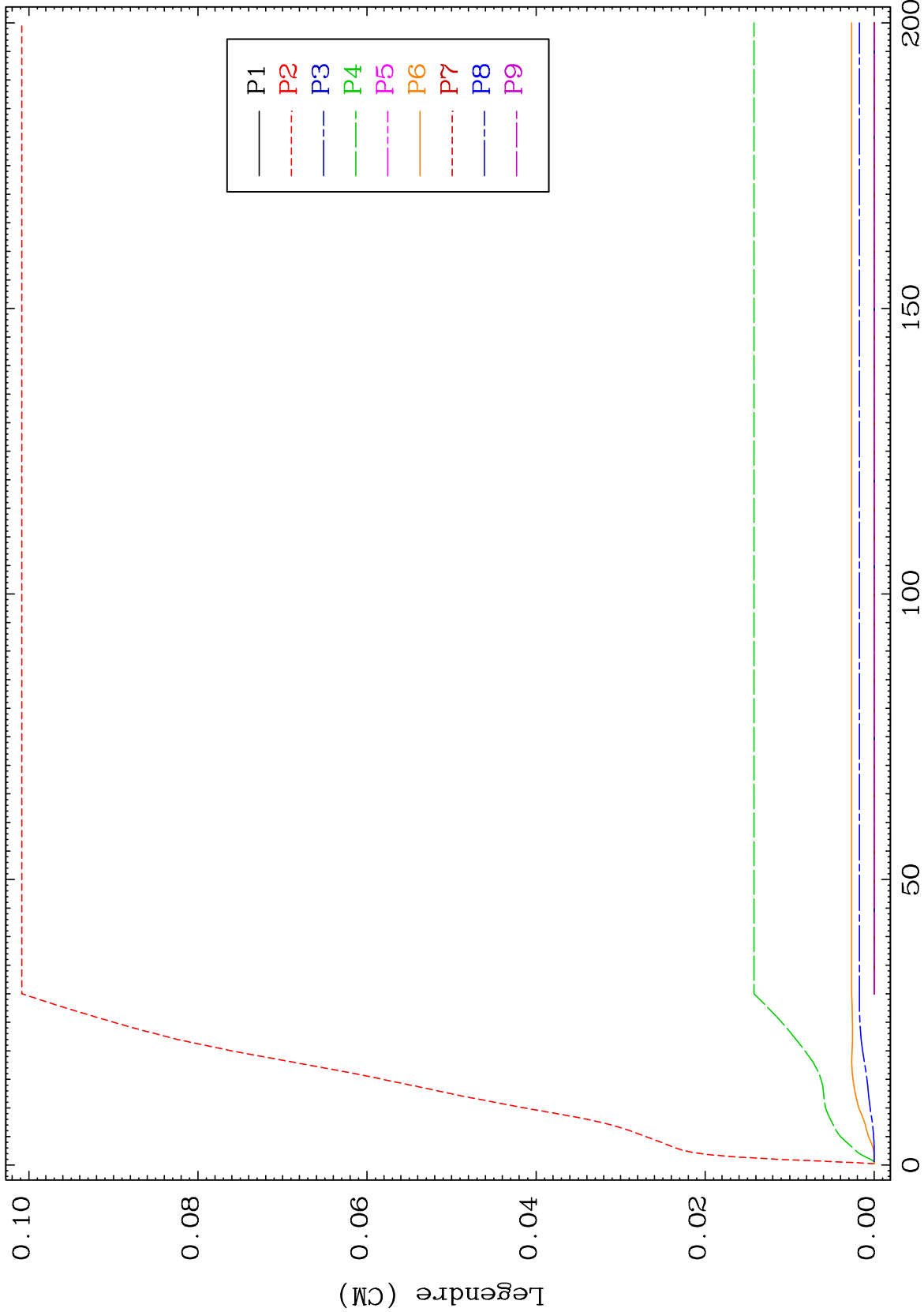
51-Sb-124



MAT 5134

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

51-Sb-124



56

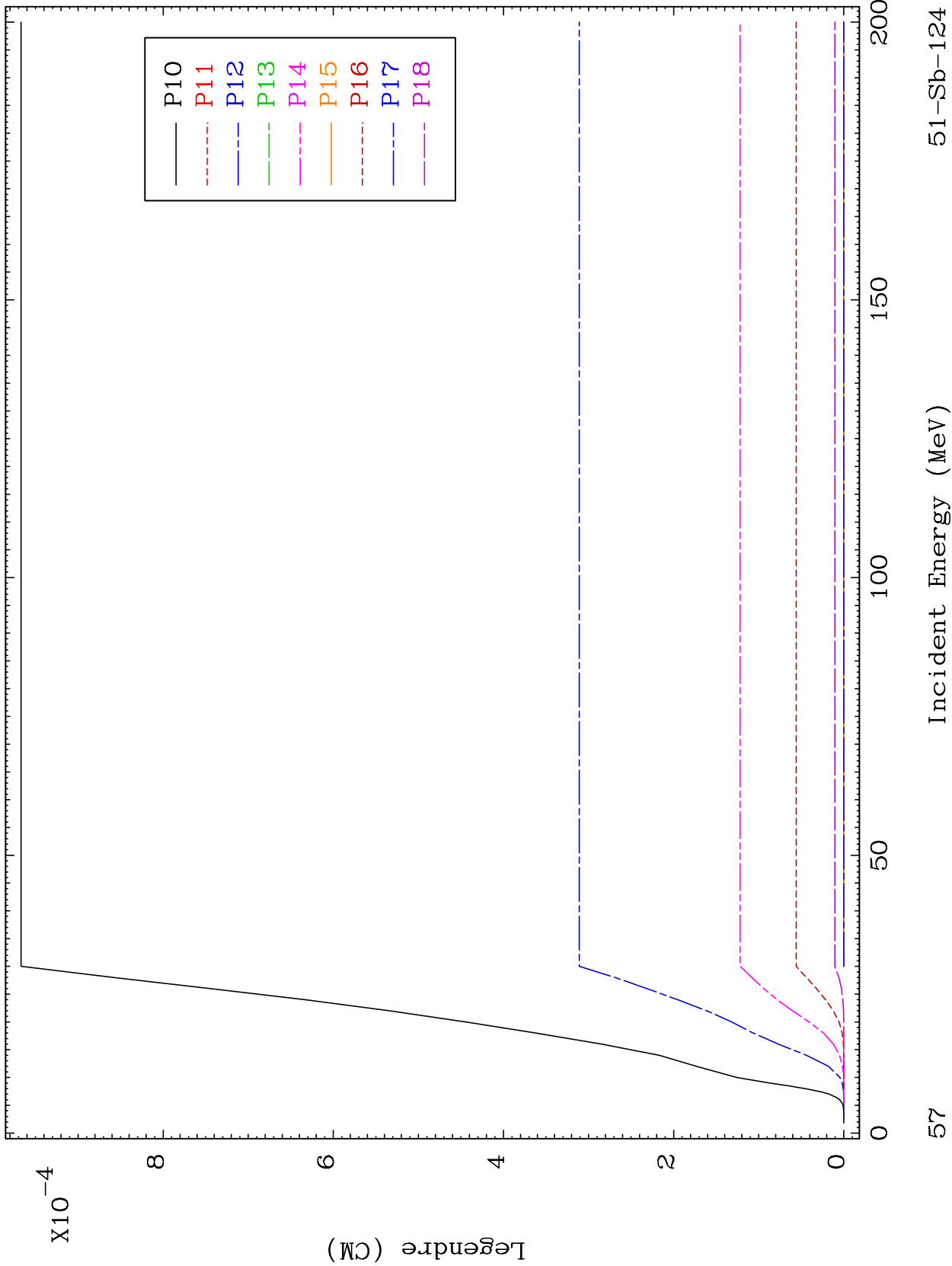
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

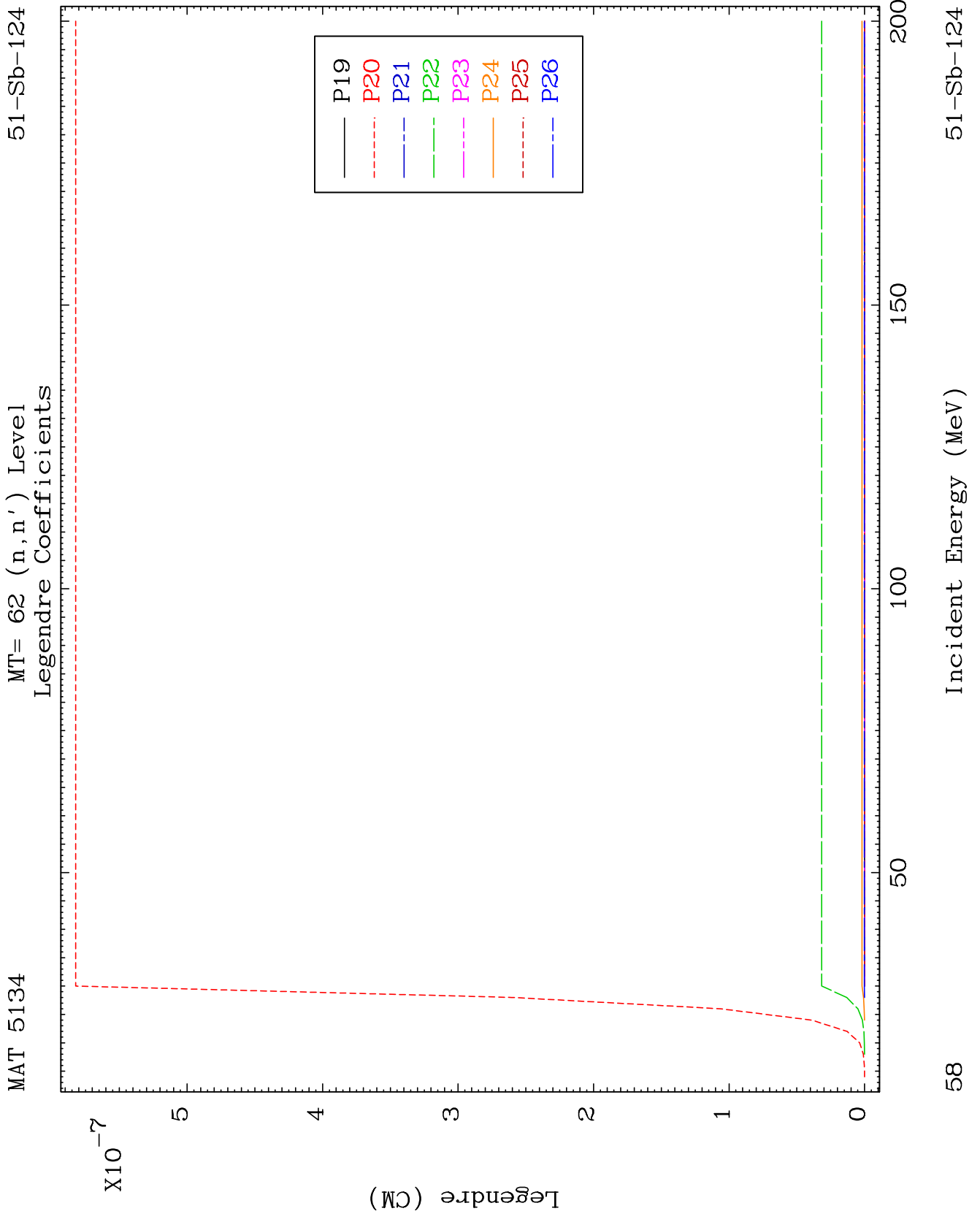
51-Sb-124



57

Incident Energy (MeV)

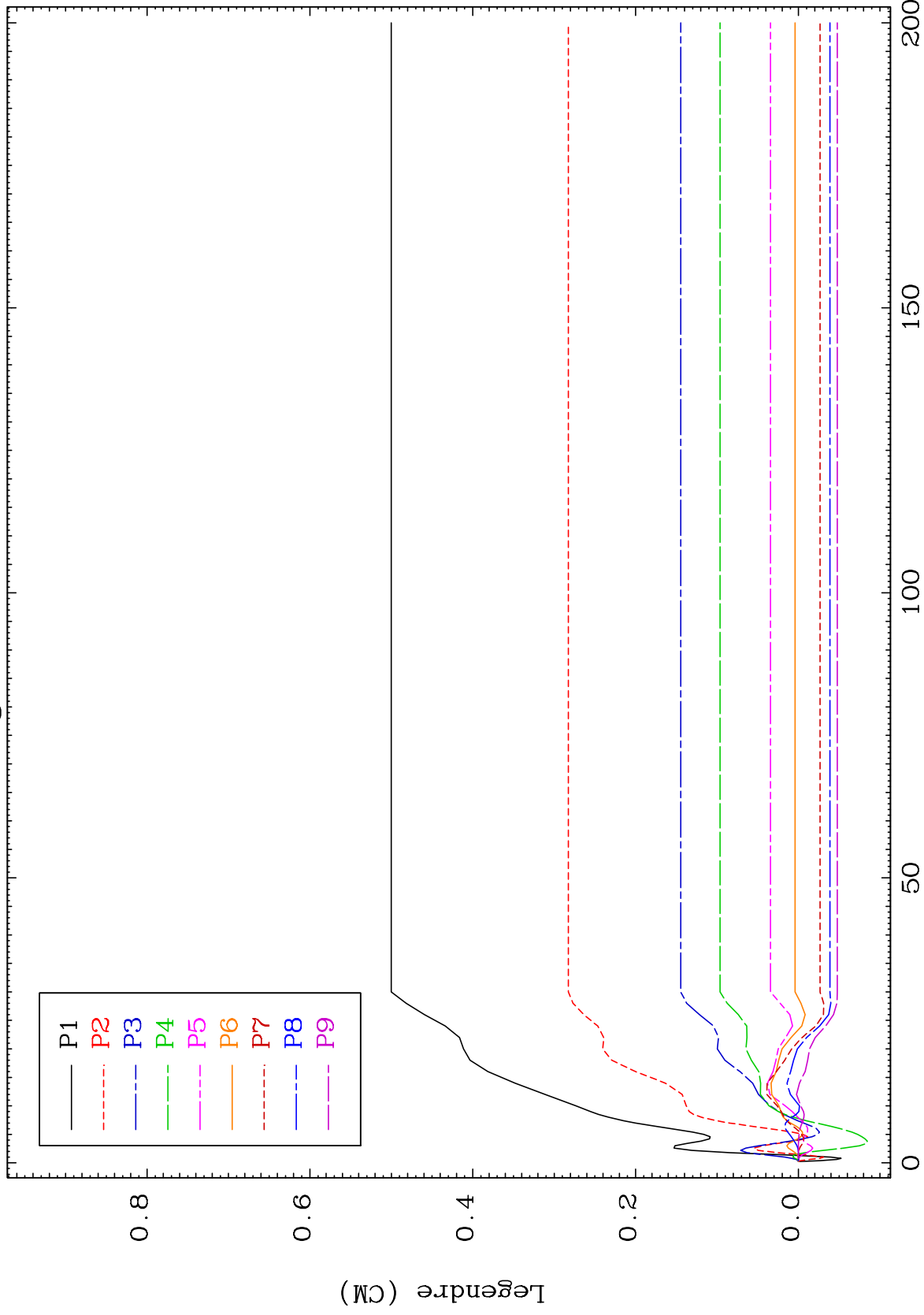
51-Sb-124



MAT 5134

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

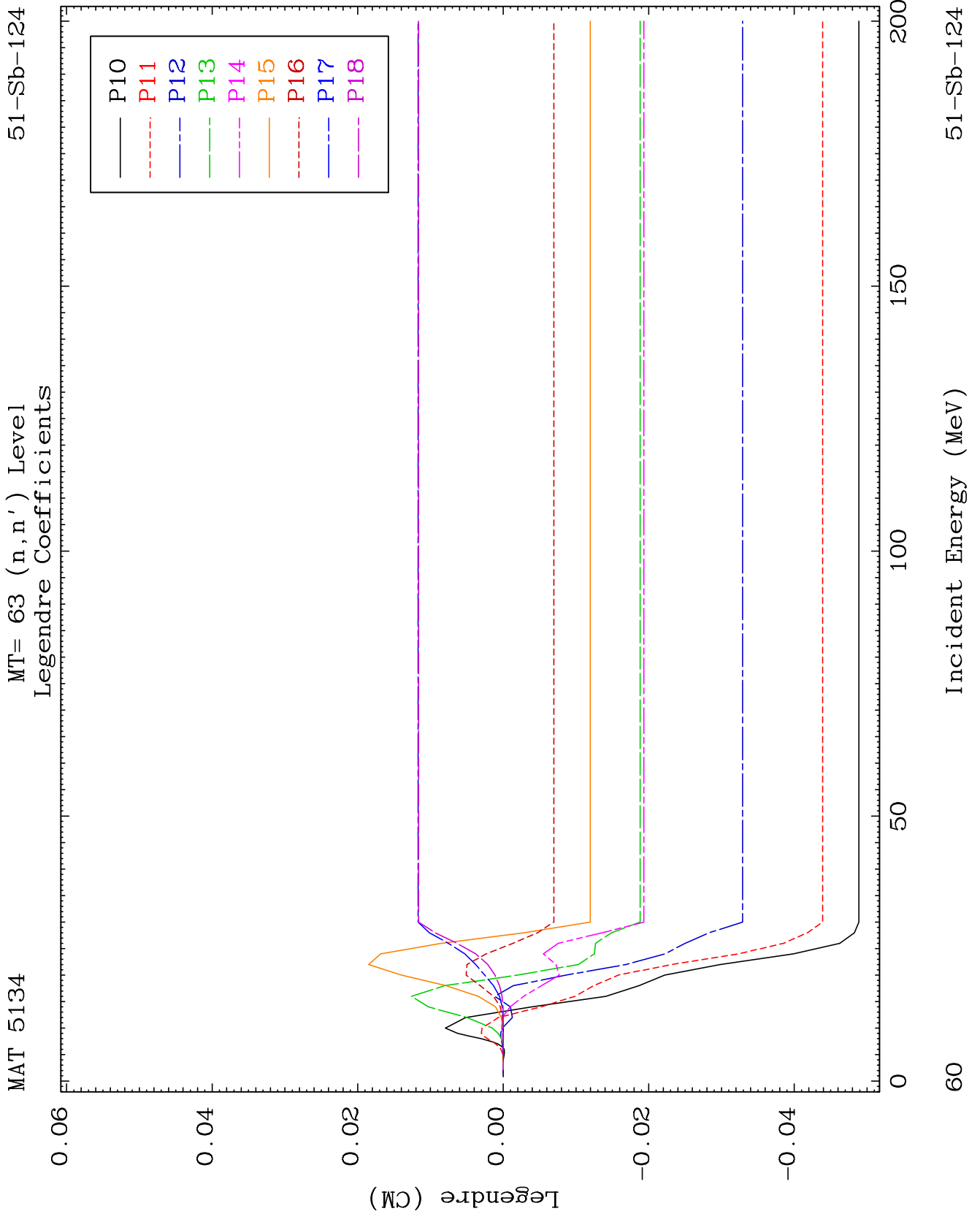
51-Sb-124



59

Incident Energy (MeV)

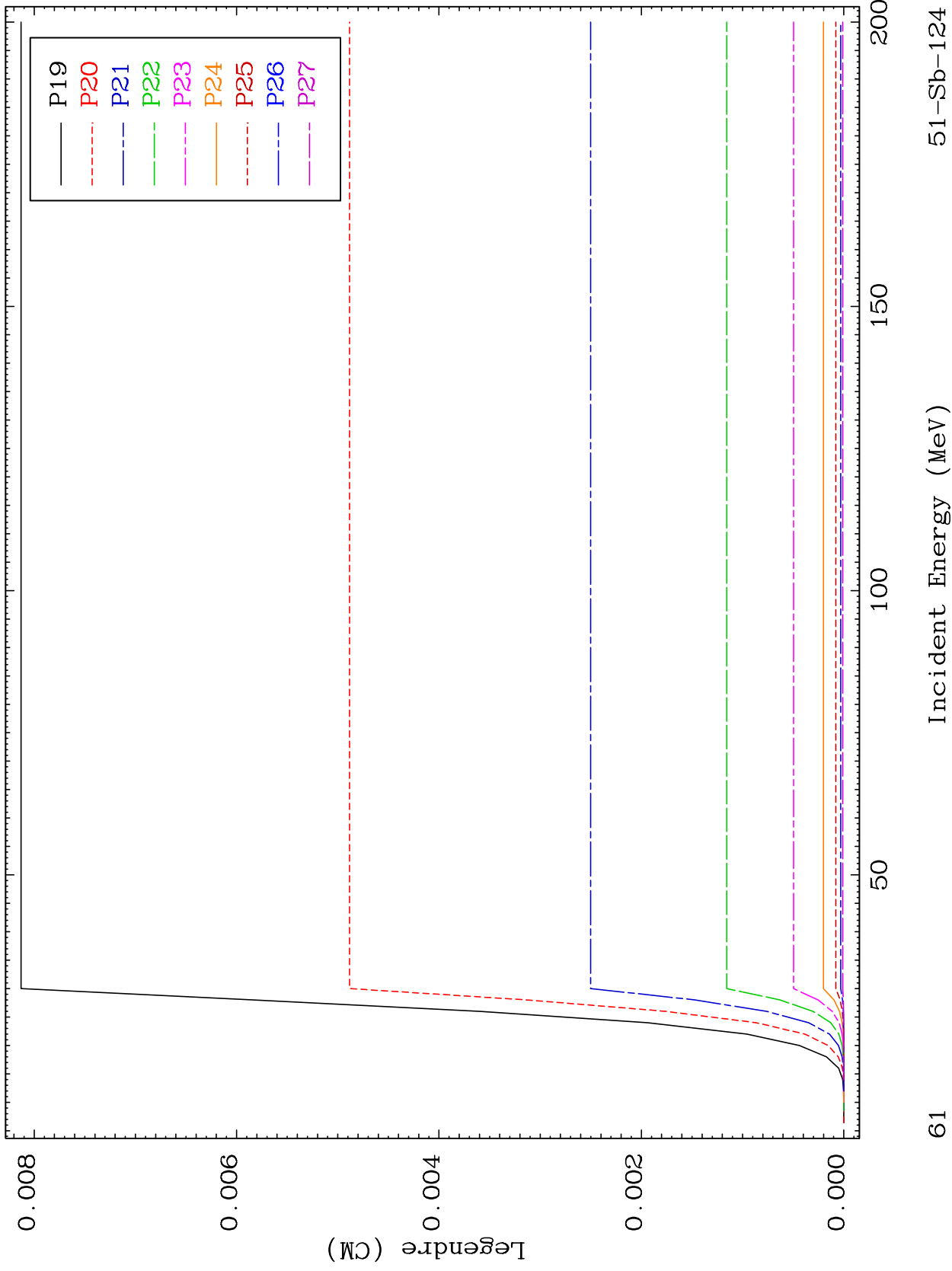
51-Sb-124



MAT 5134

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

51-Sb-124



61

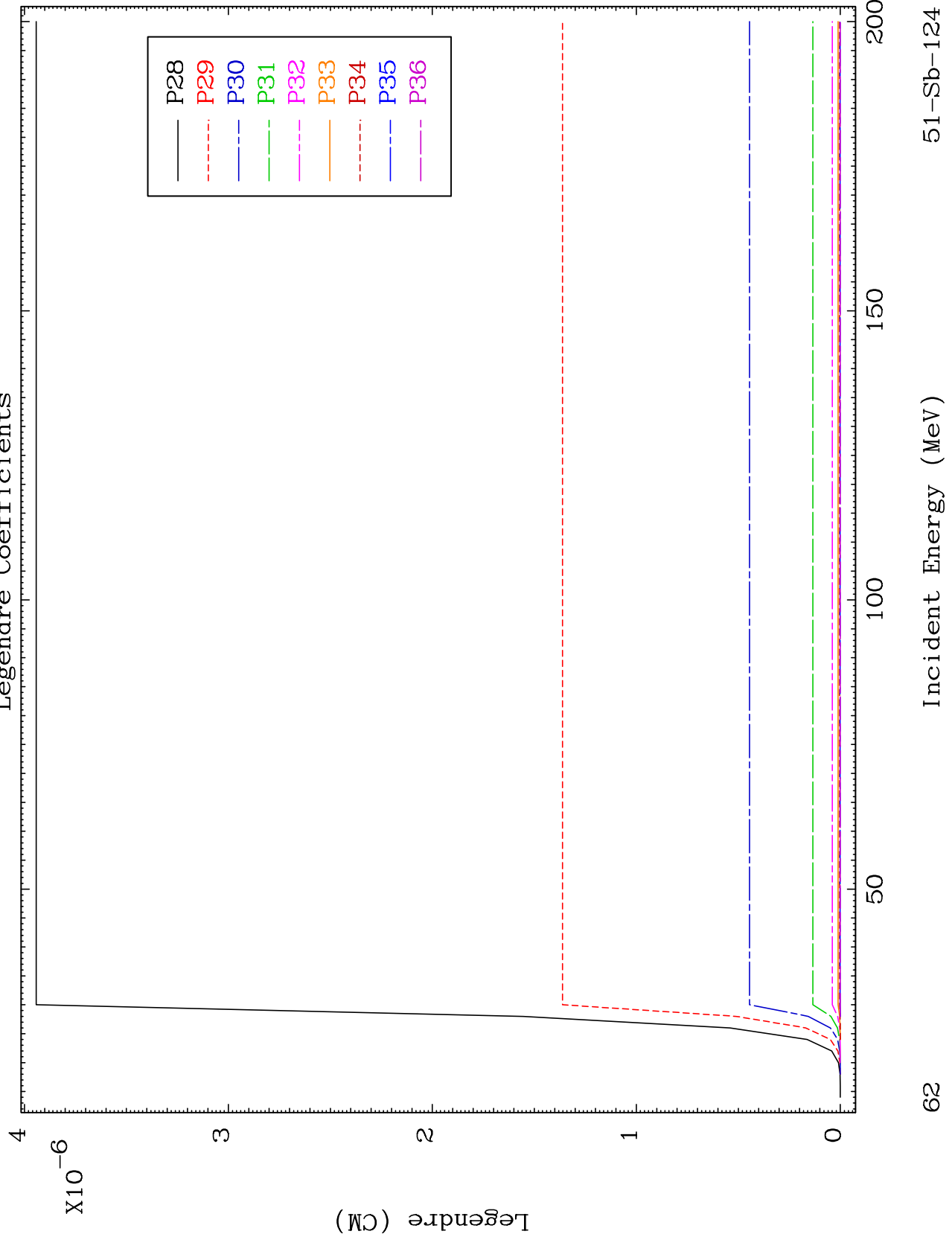
Incident Energy (MeV)

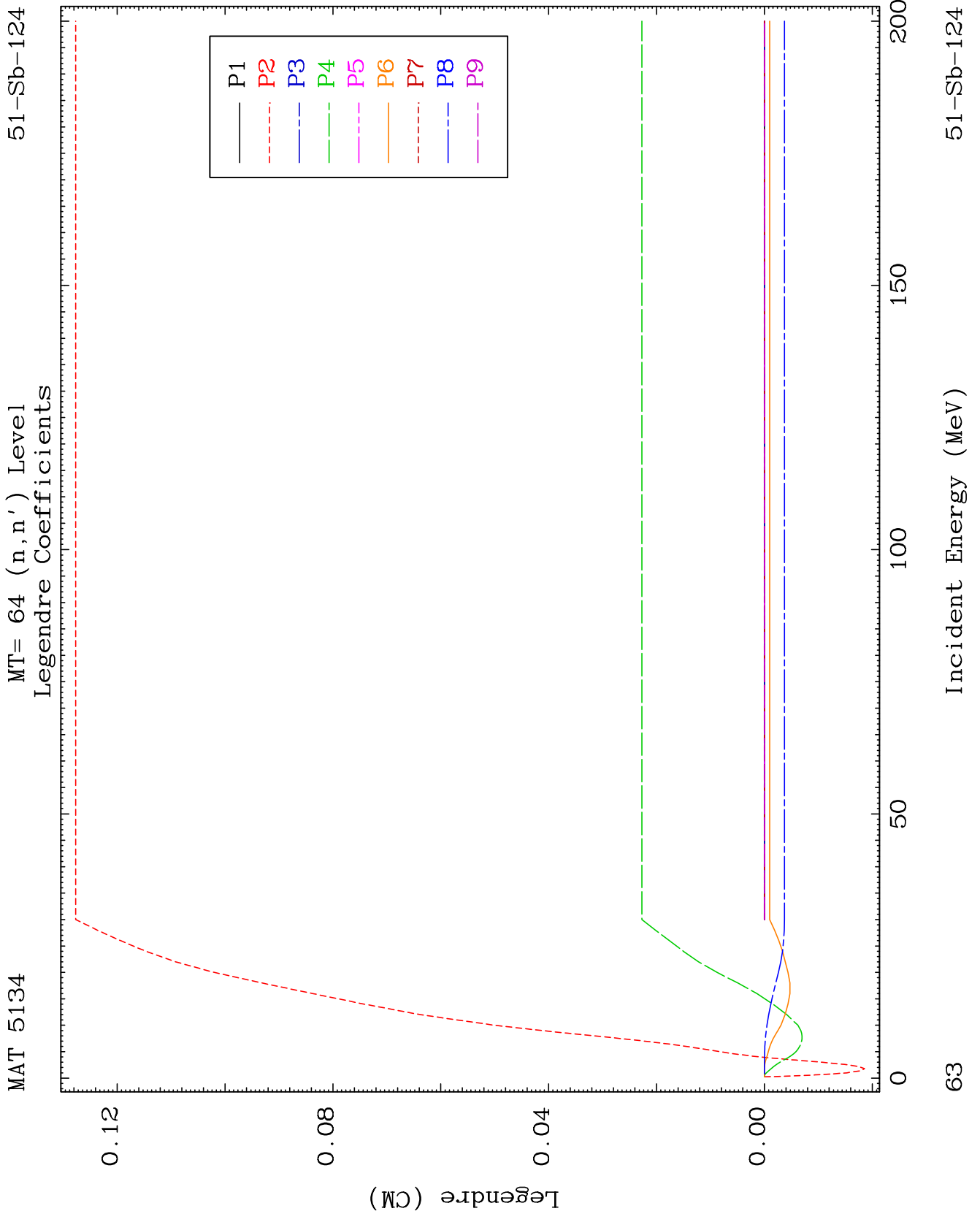
51-Sb-124

MAT 5134

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

51-Sb-124



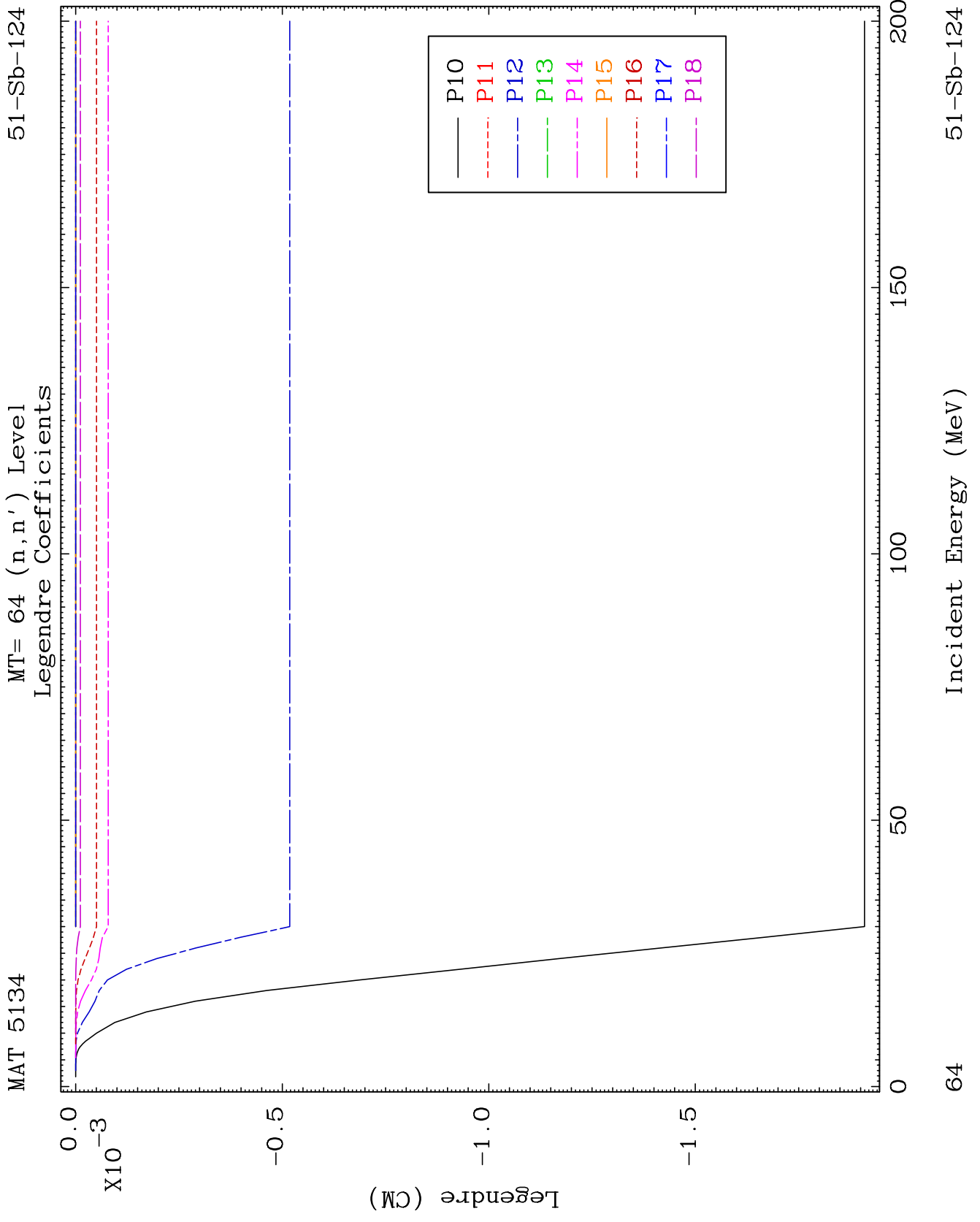


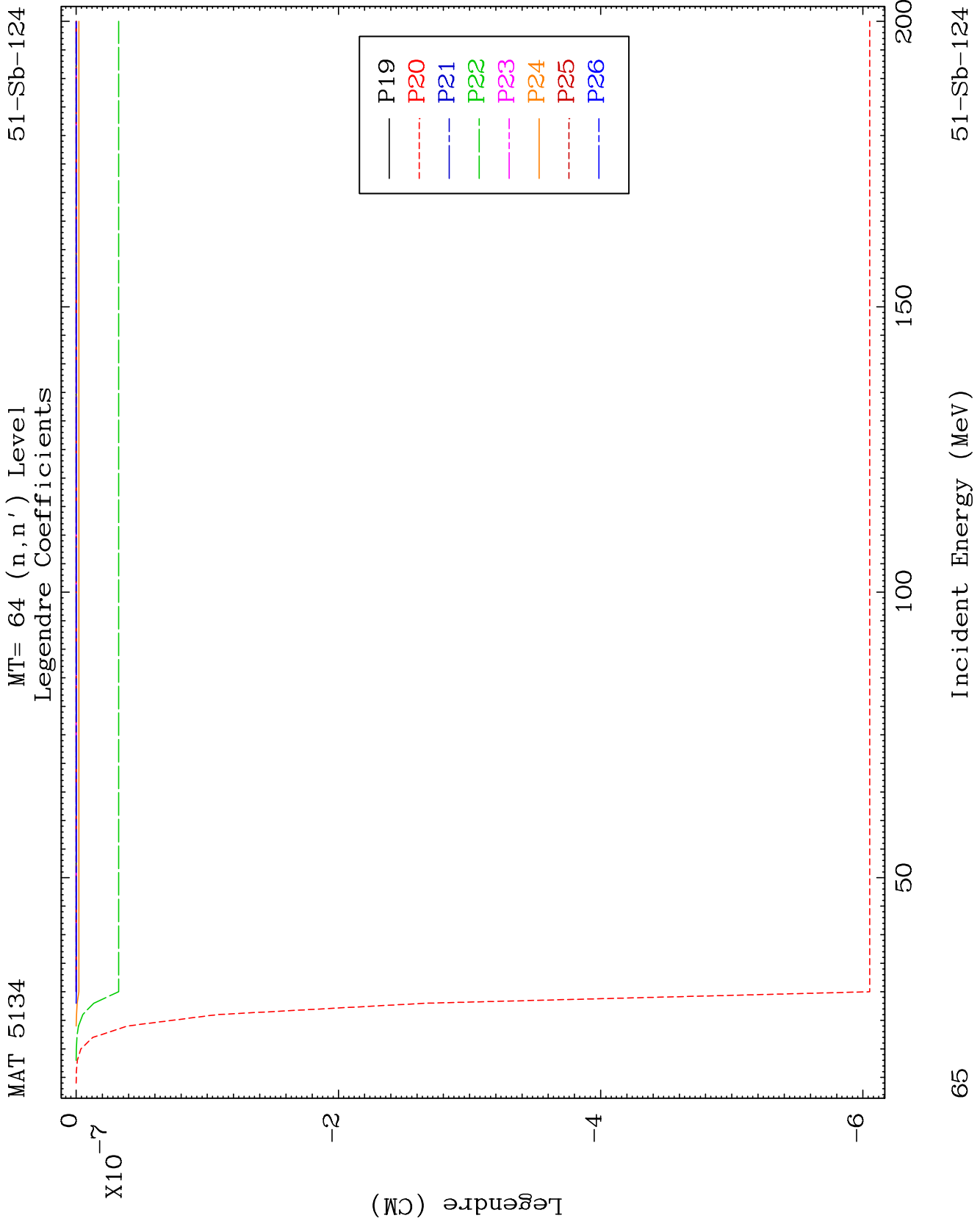
51-Sb-124

Incident Energy (MeV)

63



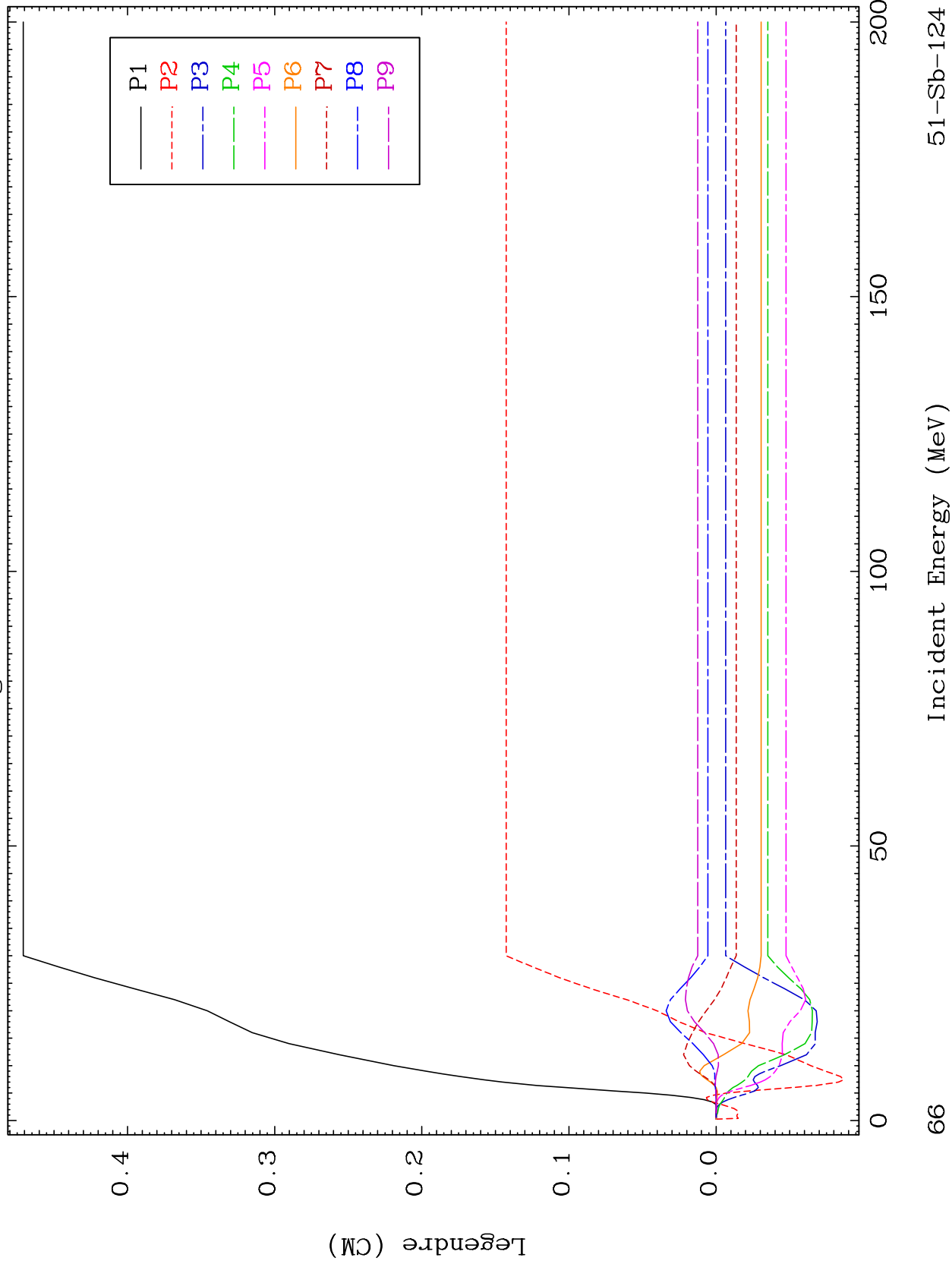




MAT 5134

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

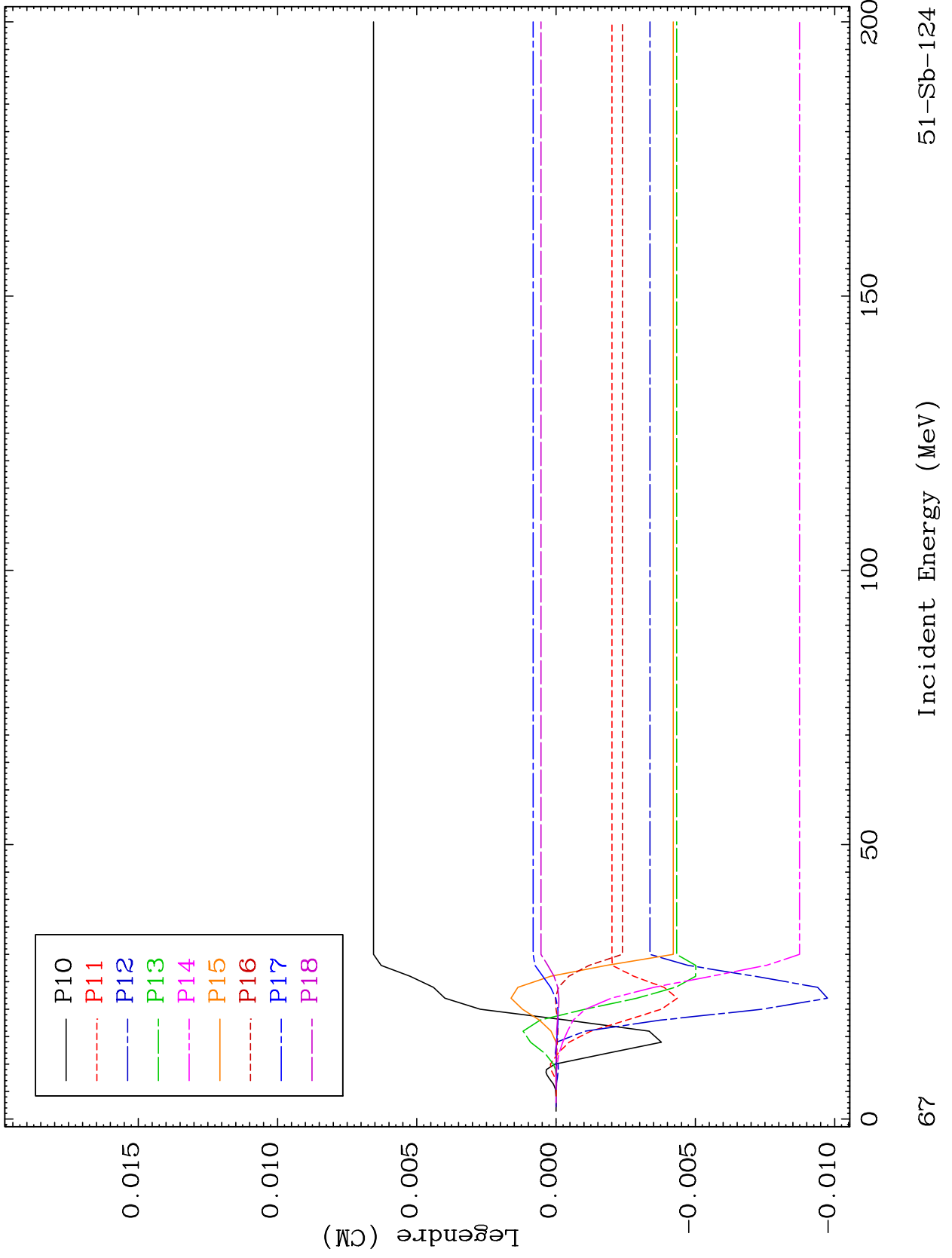
51-Sb-124



51-Sb-124

Incident Energy (MeV)

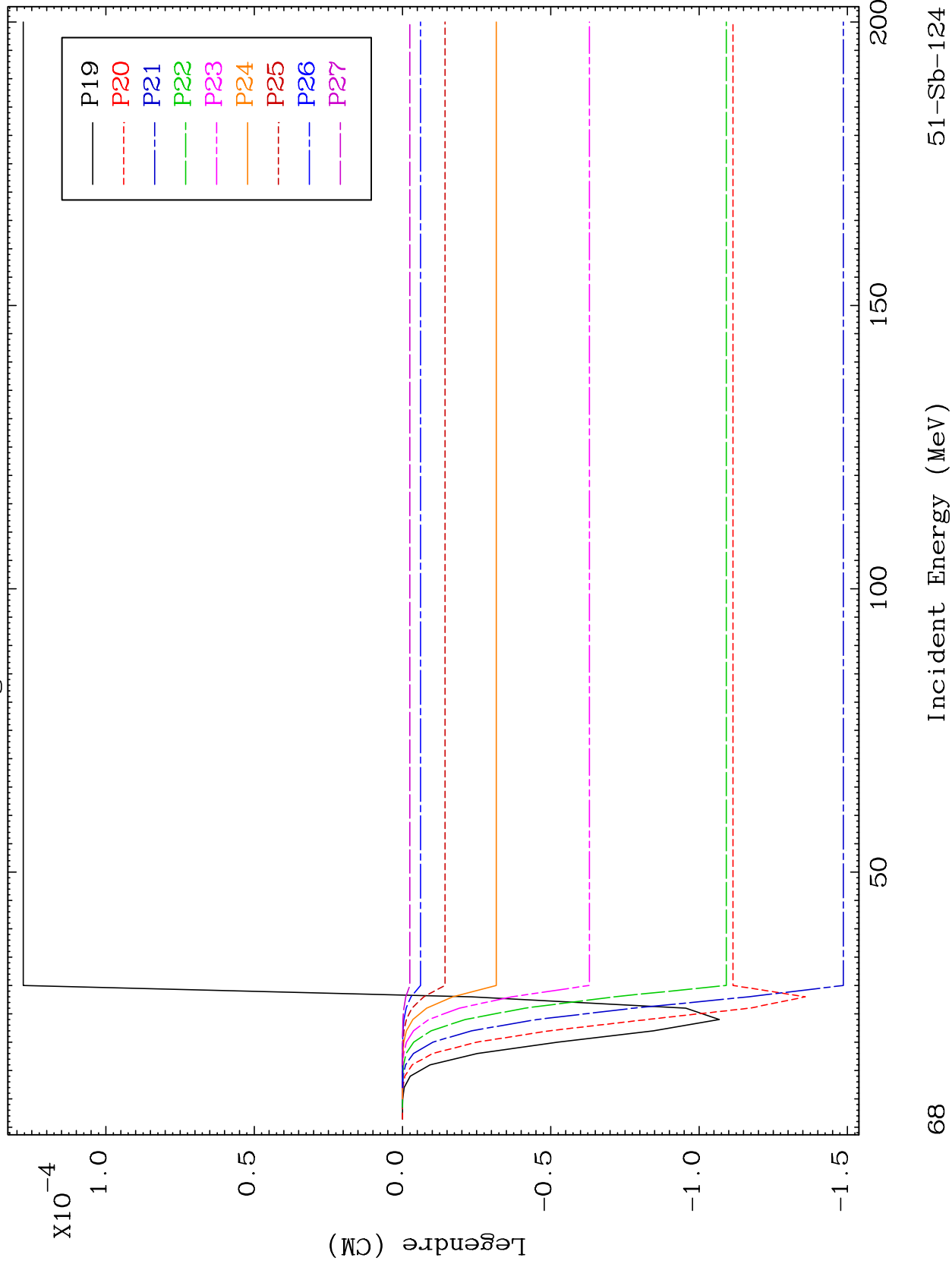
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MAT 5134

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

51-Sb-124



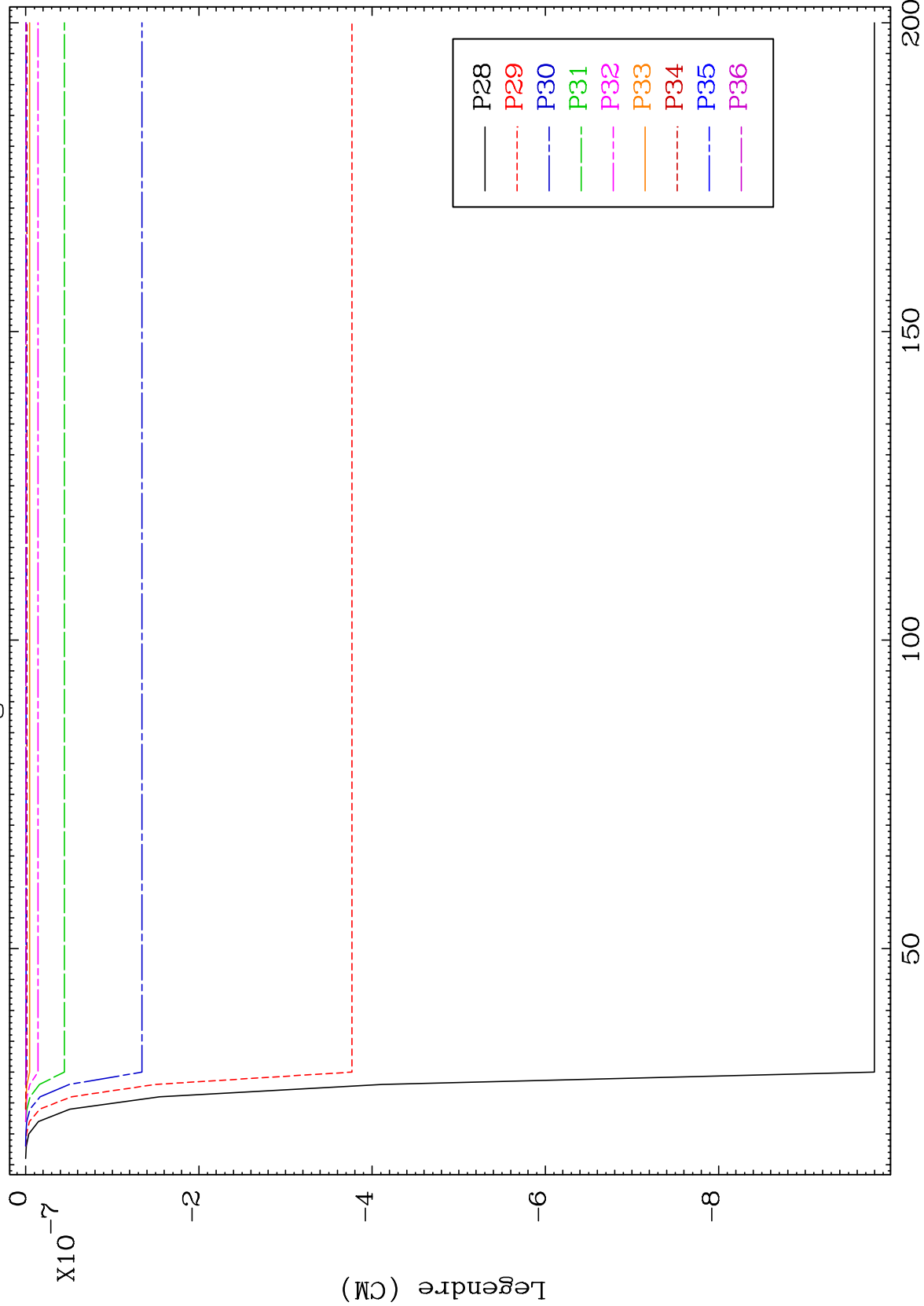
68

51-Sb-124

MAT 5134

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

51-Sb-124



69

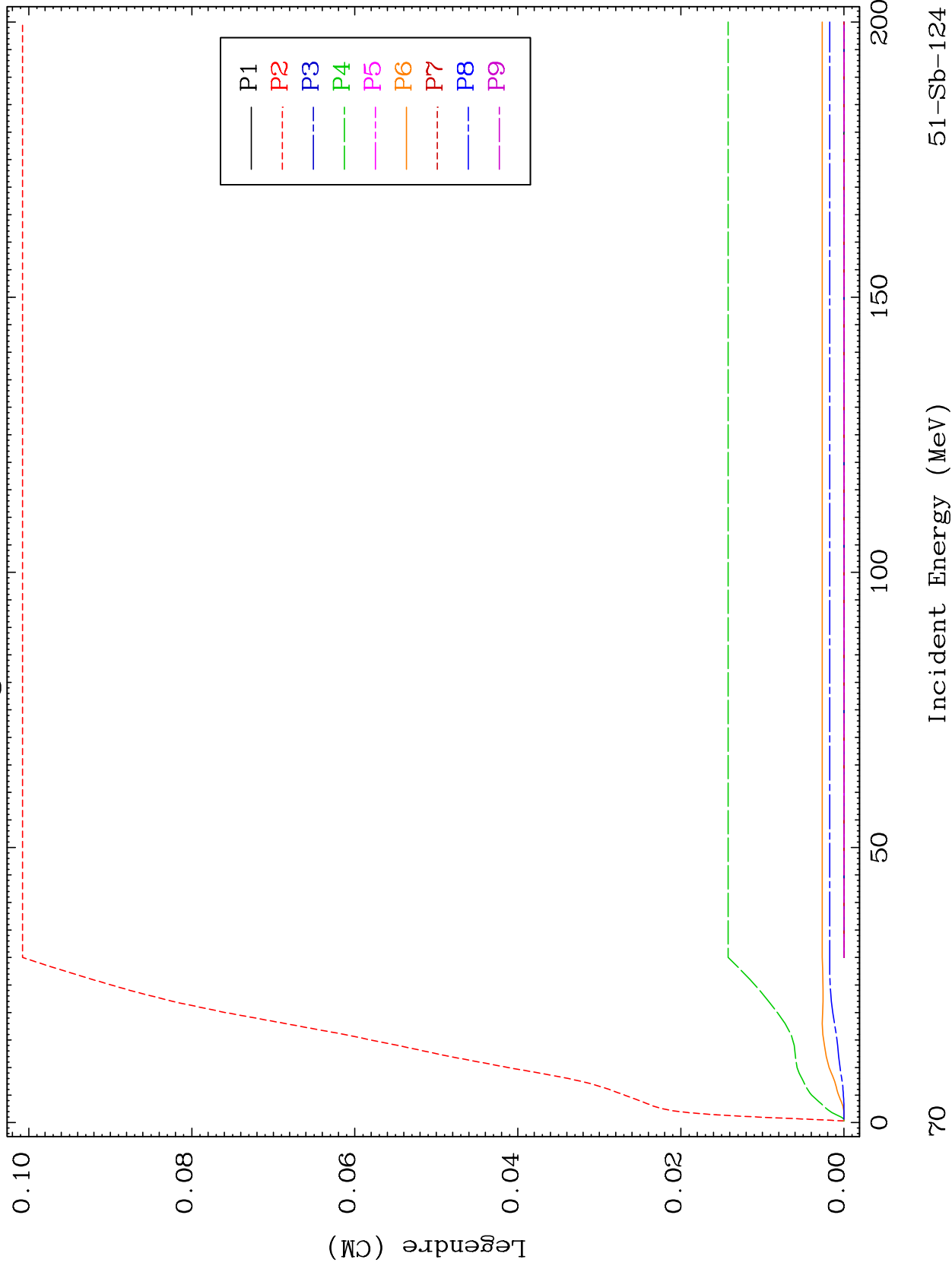
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

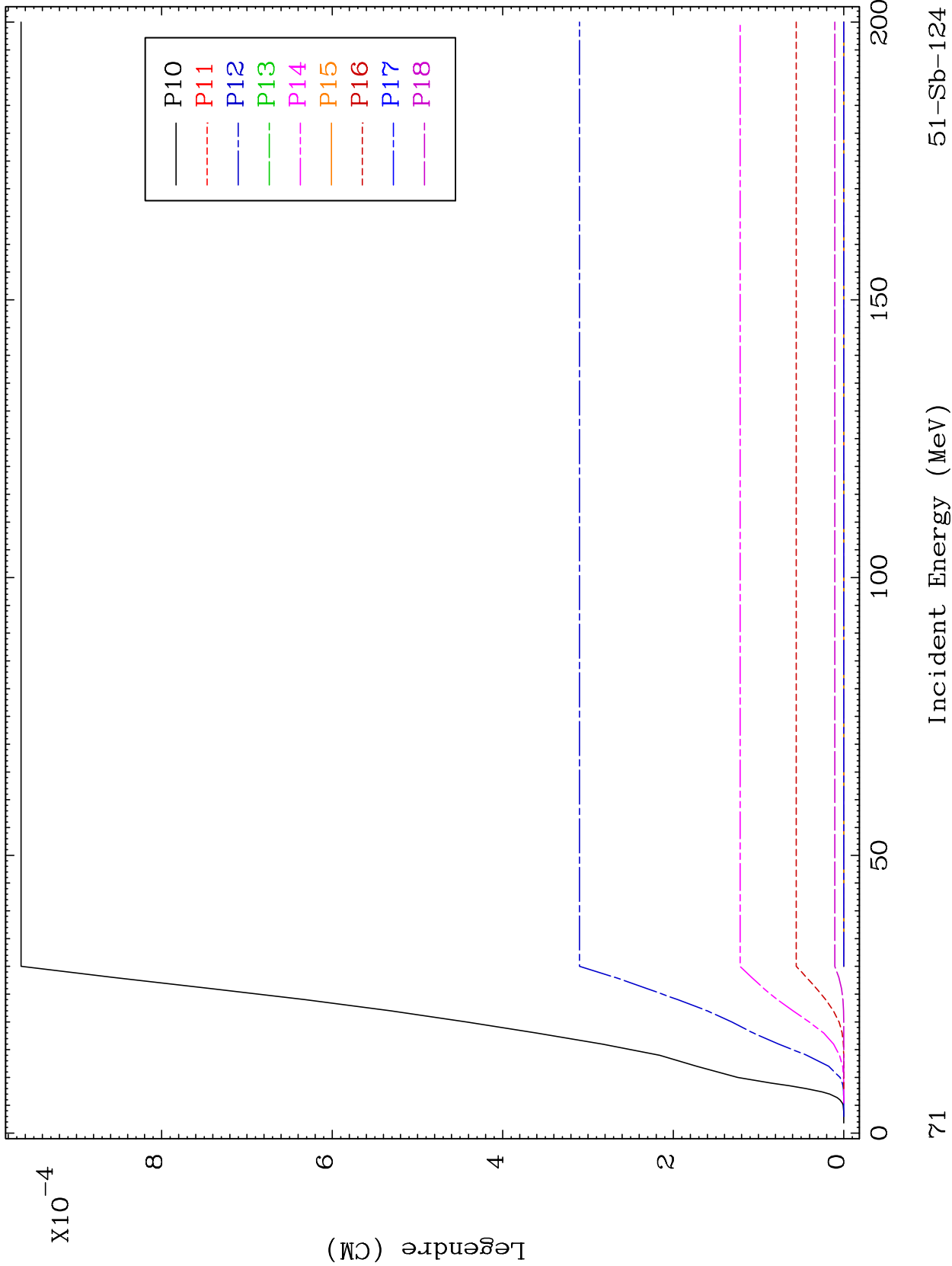
51-Sb-124



MAT 5134

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

51-Sb-124



71

Incident Energy (MeV)

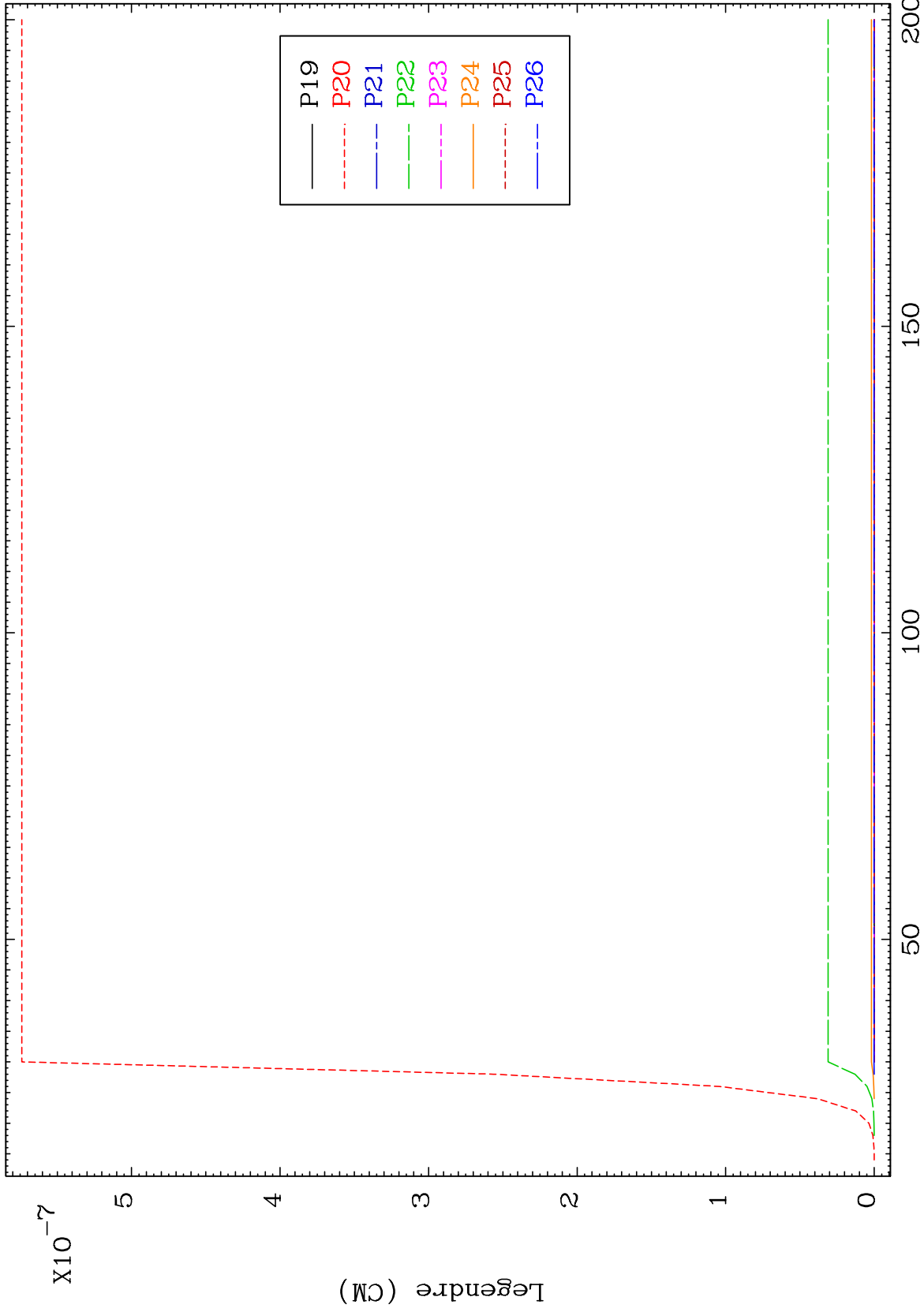
51-Sb-124



MAT 5134

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

51-Sb-124



72

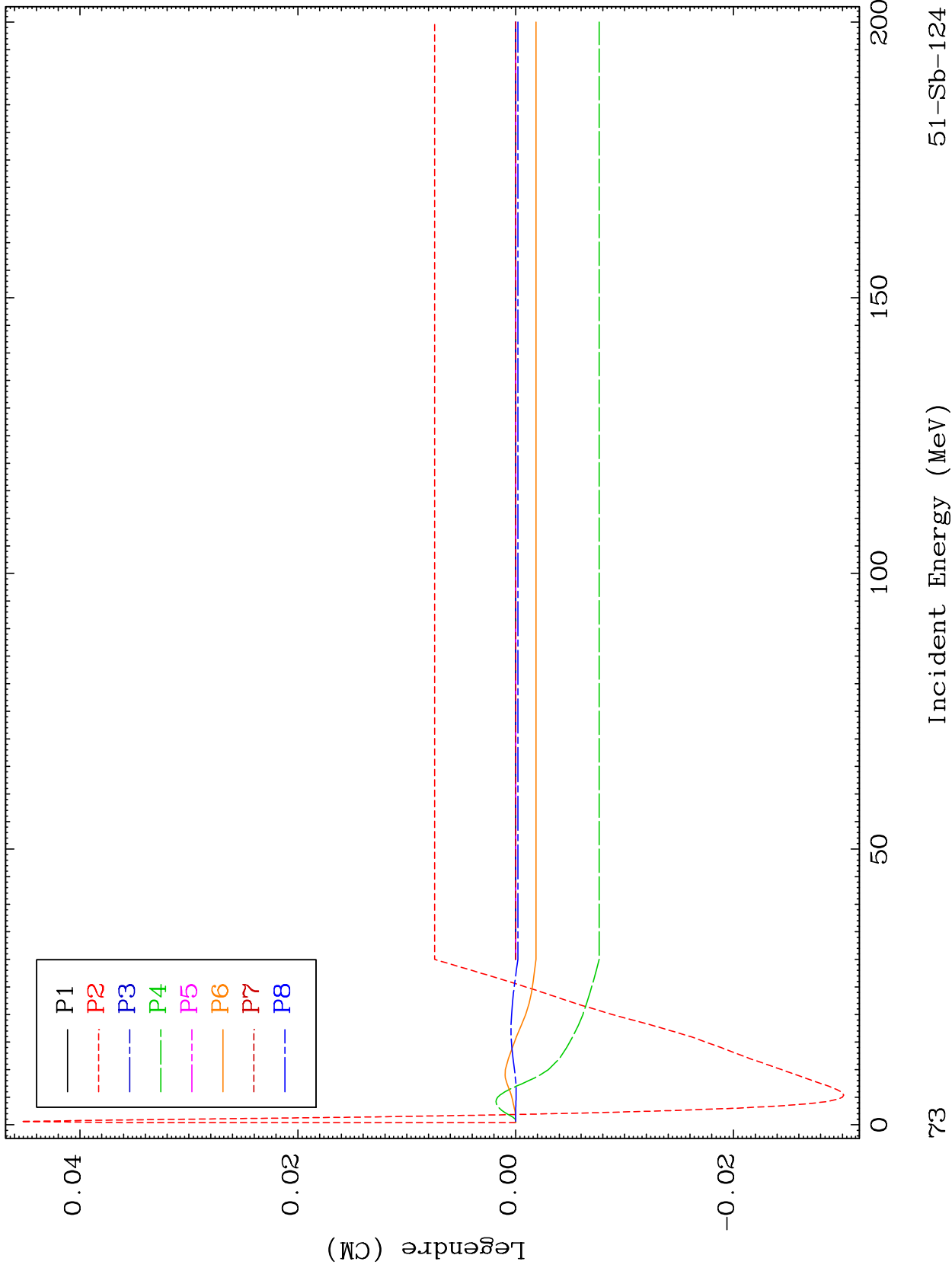
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

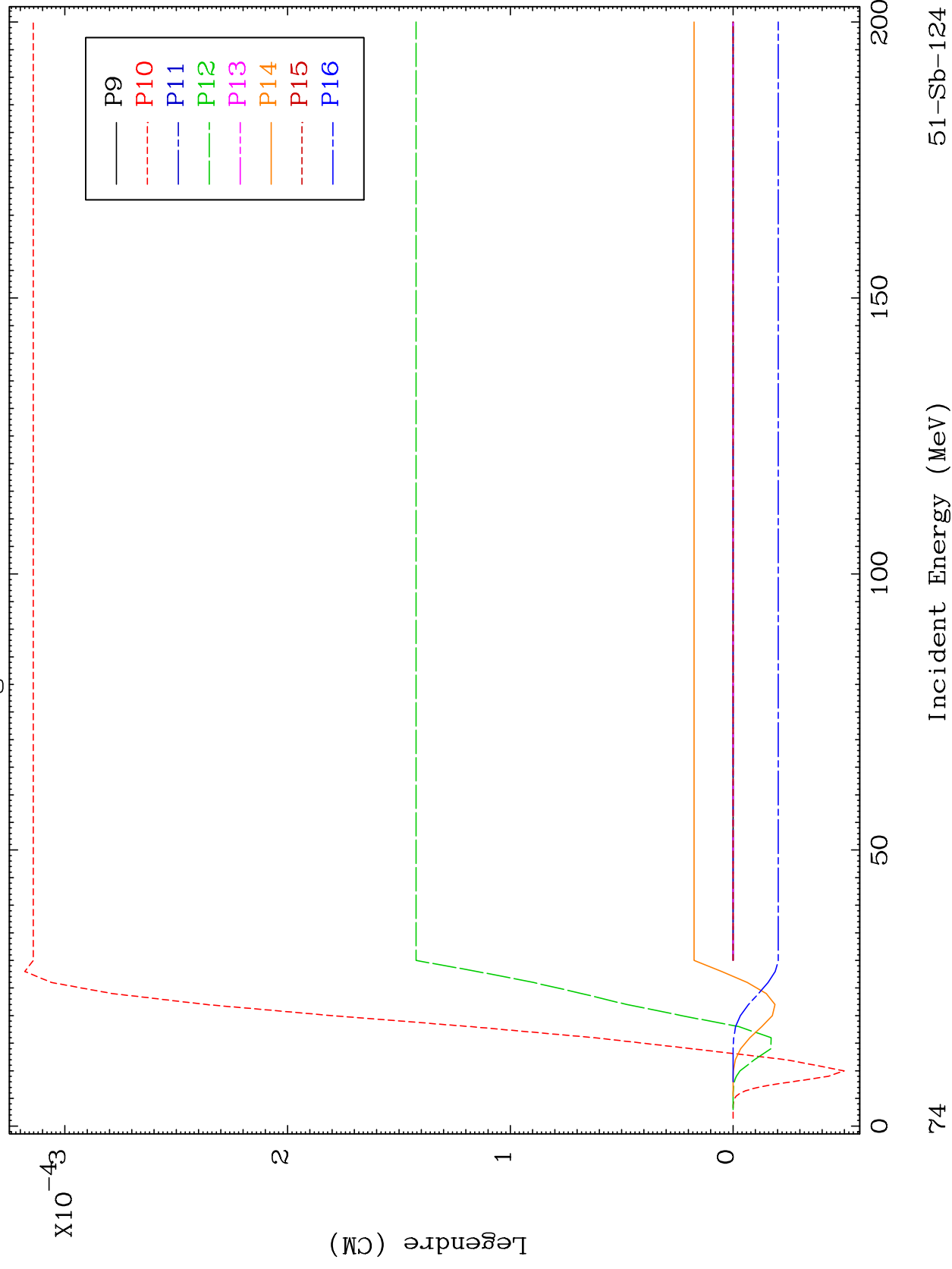
51-Sb-124



MAT 5134

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

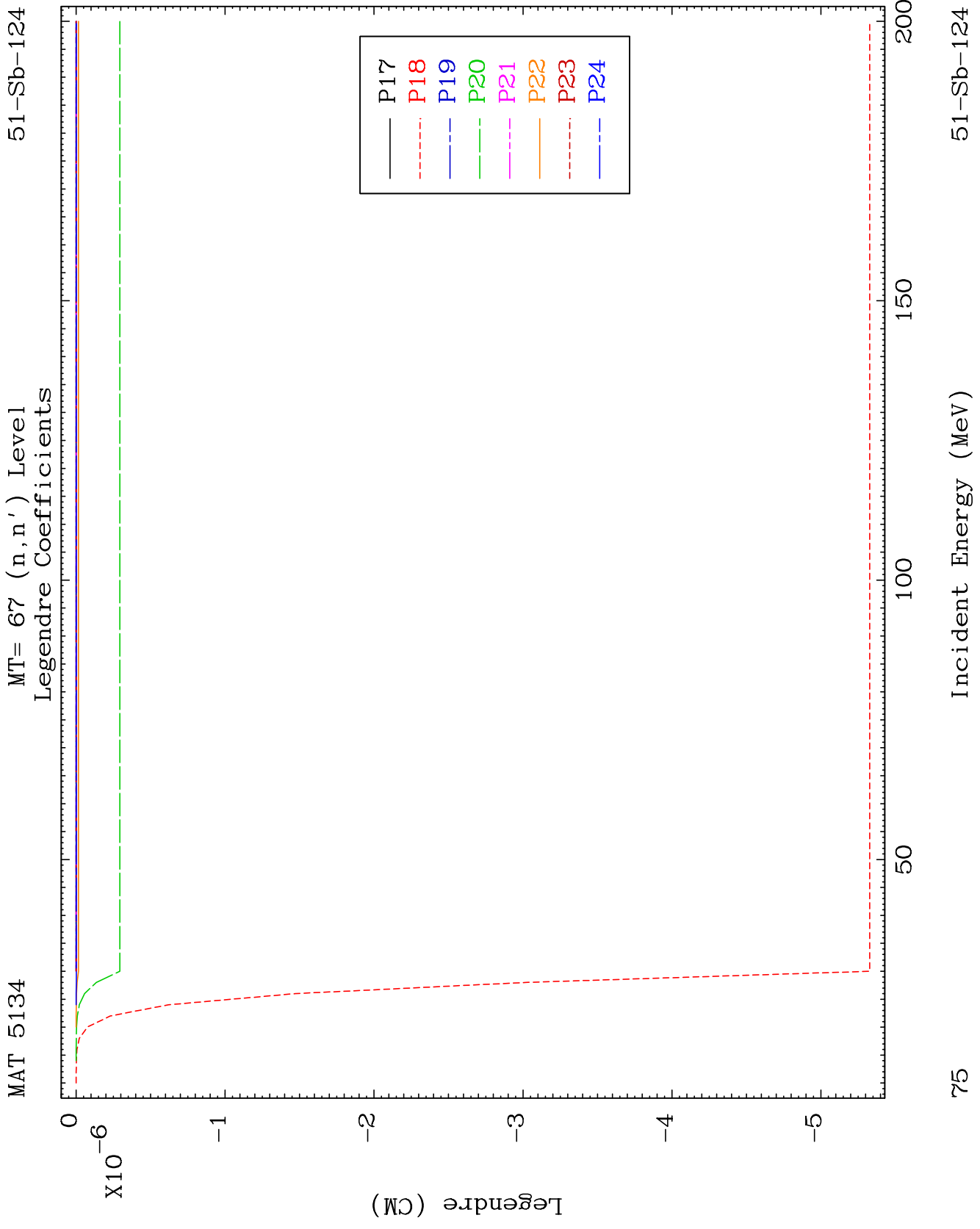
51-Sb-124



74

Incident Energy (MeV)

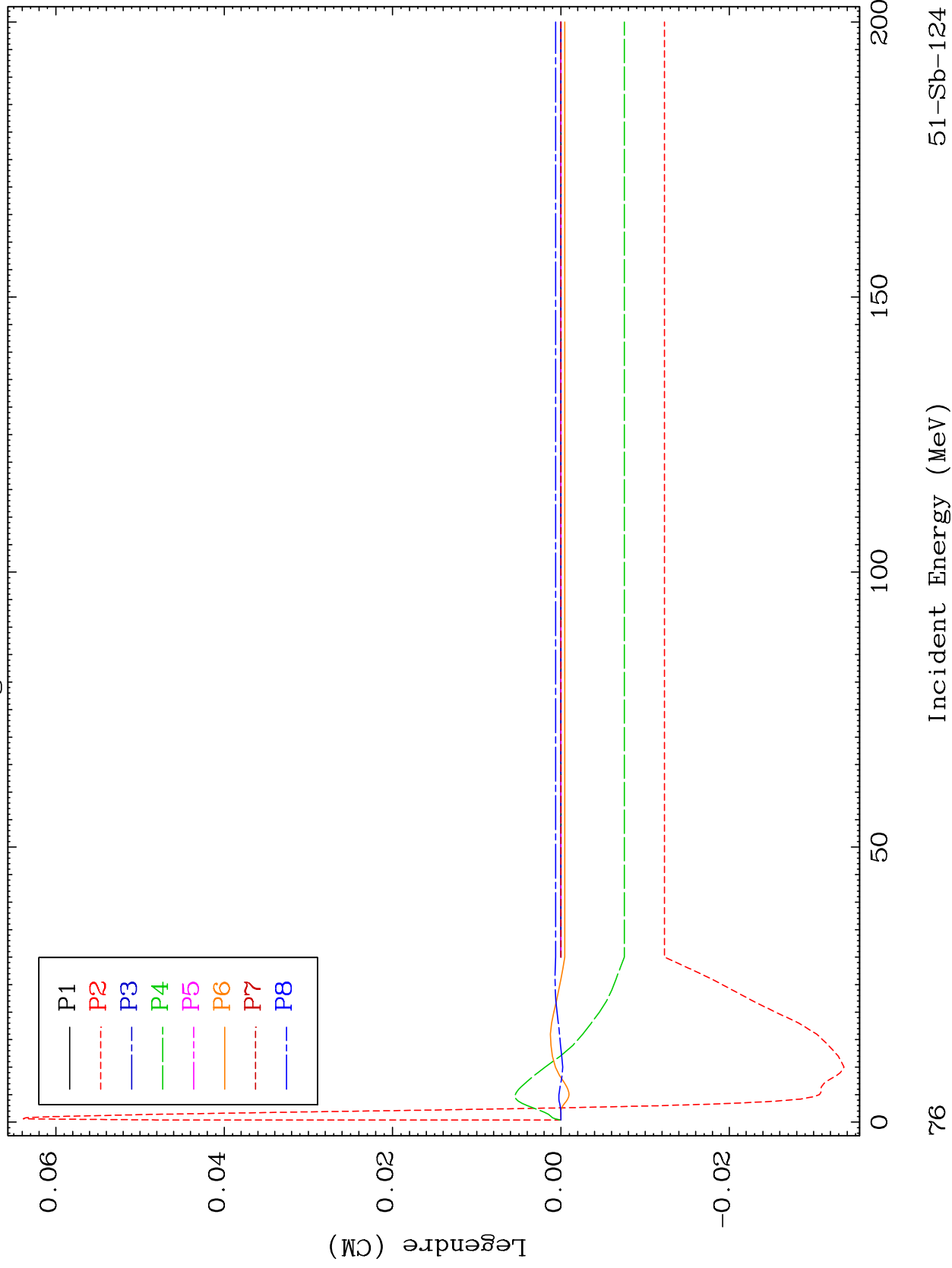
51-Sb-124



MAT 5134

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

51-Sb-124

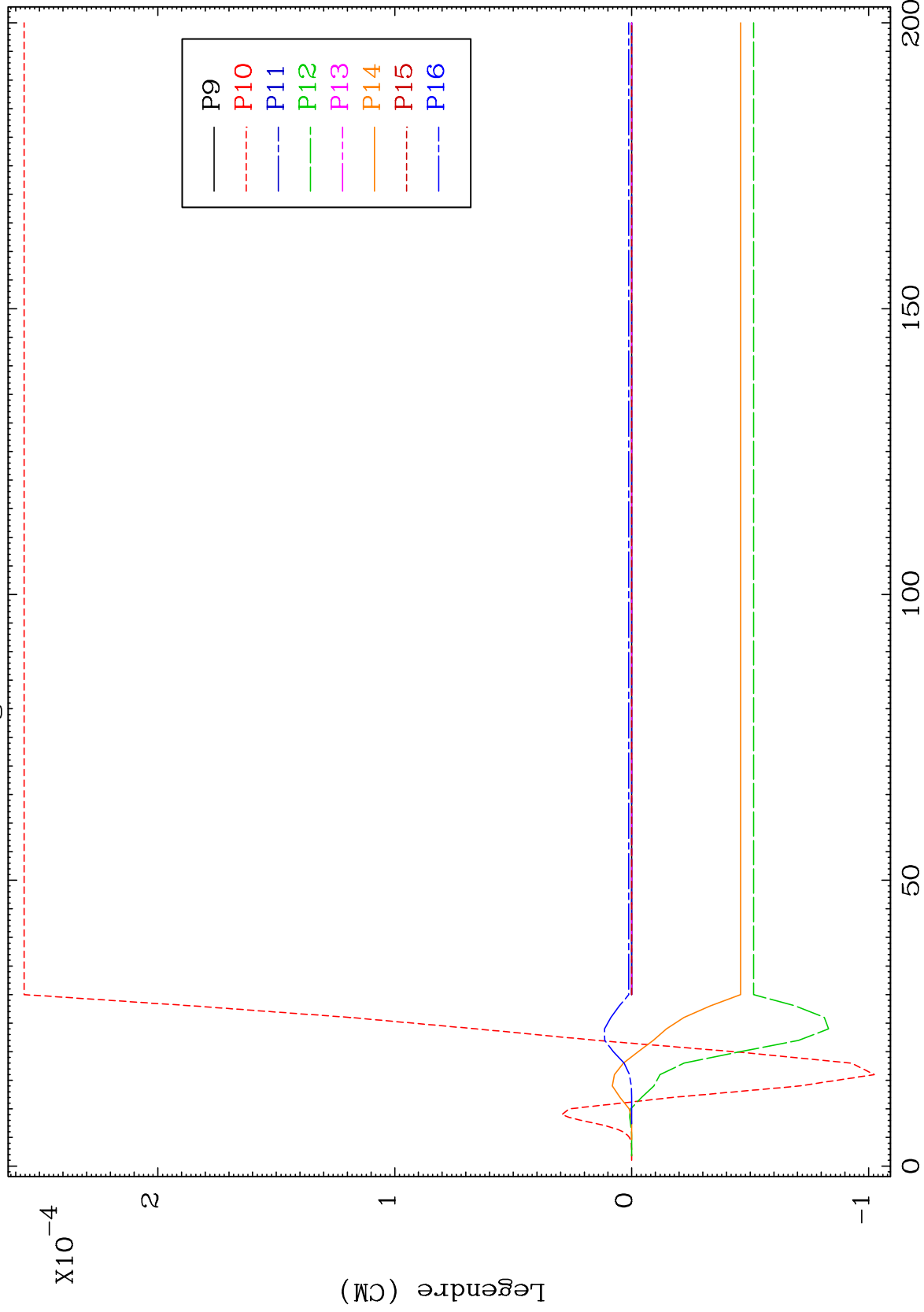


51-Sb-124

MAT 5134

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

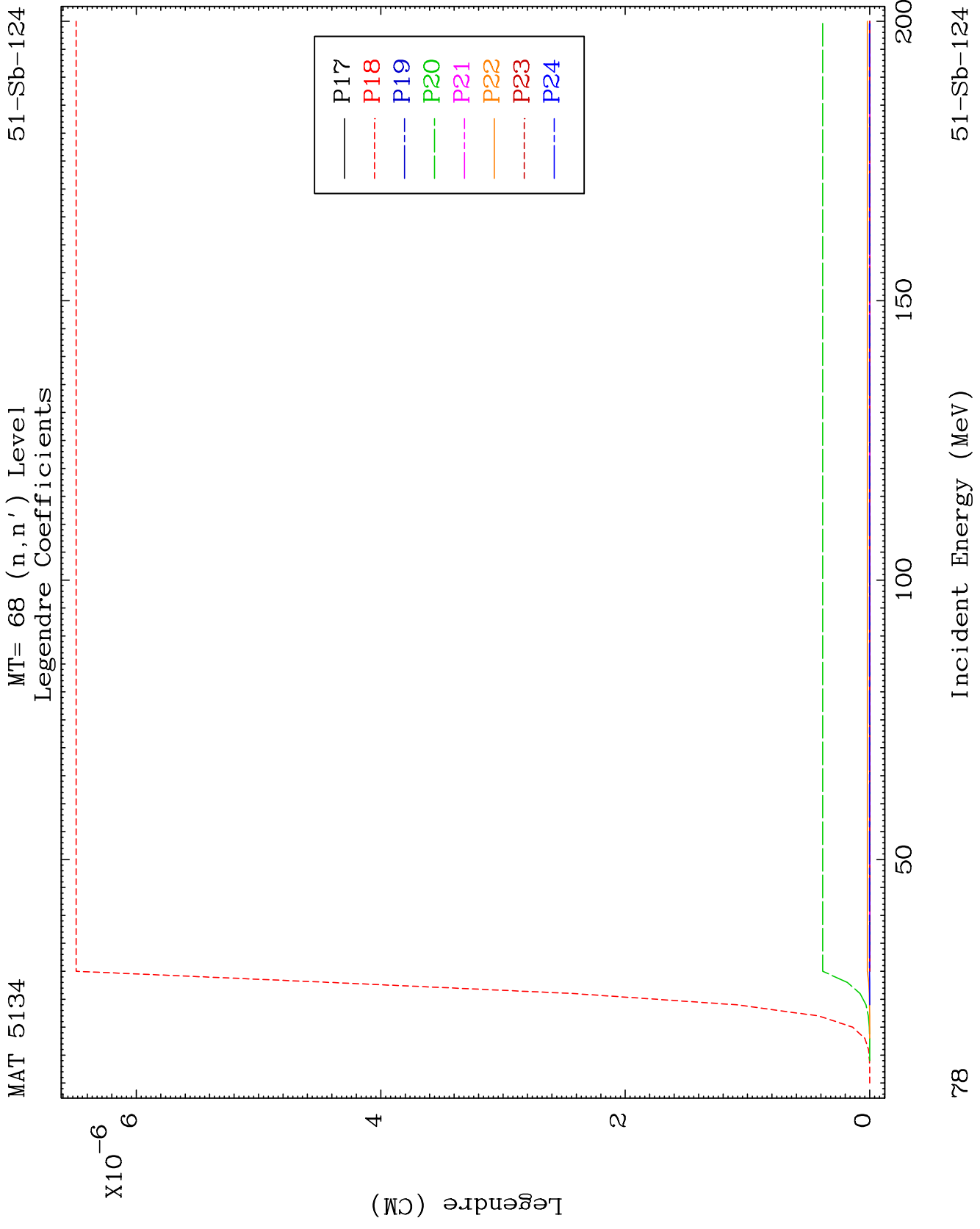
51-Sb-124



77

Incident Energy (MeV)

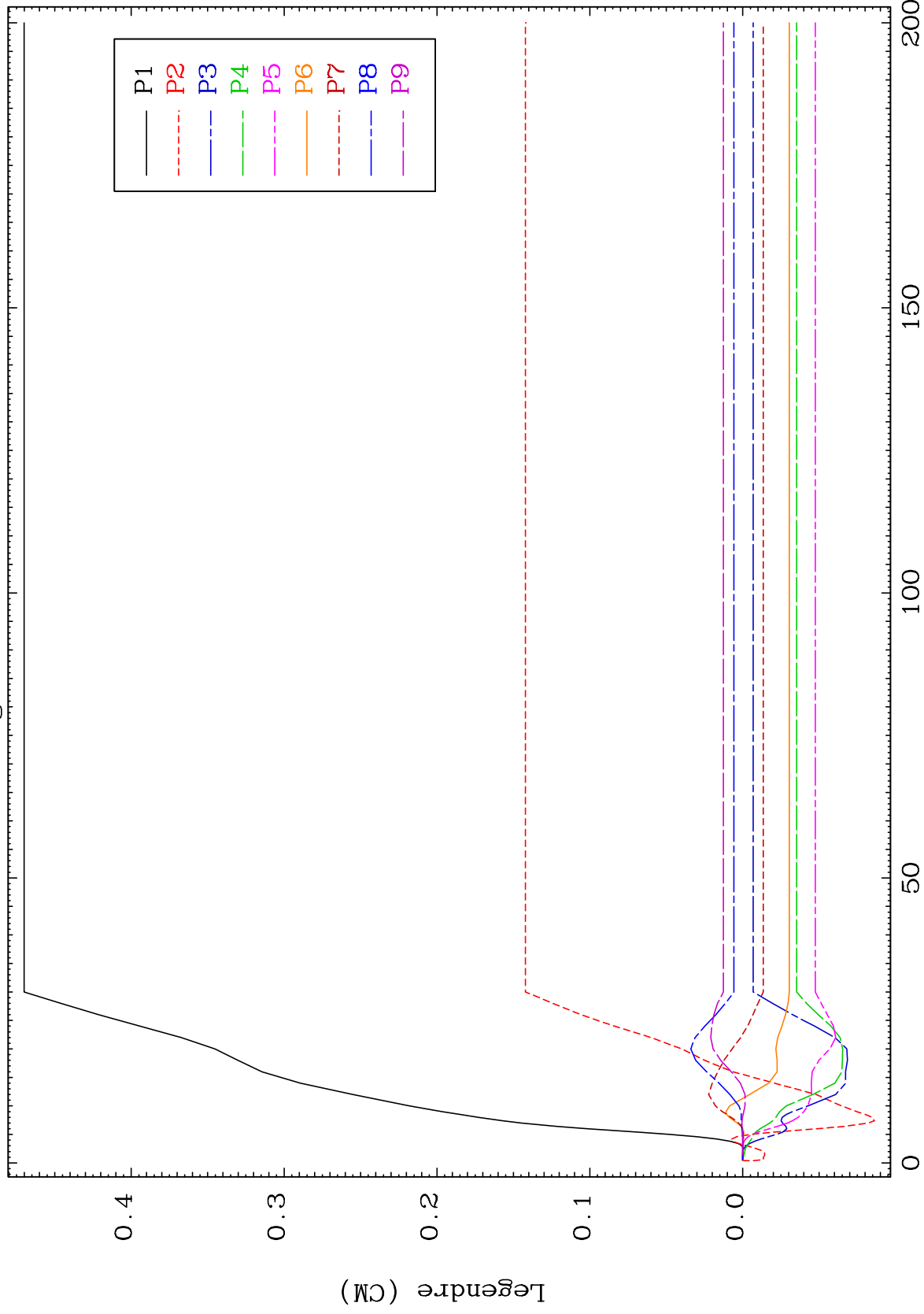
51-Sb-124



MAT 5134

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

51-Sb-124



79

Incident Energy (MeV)

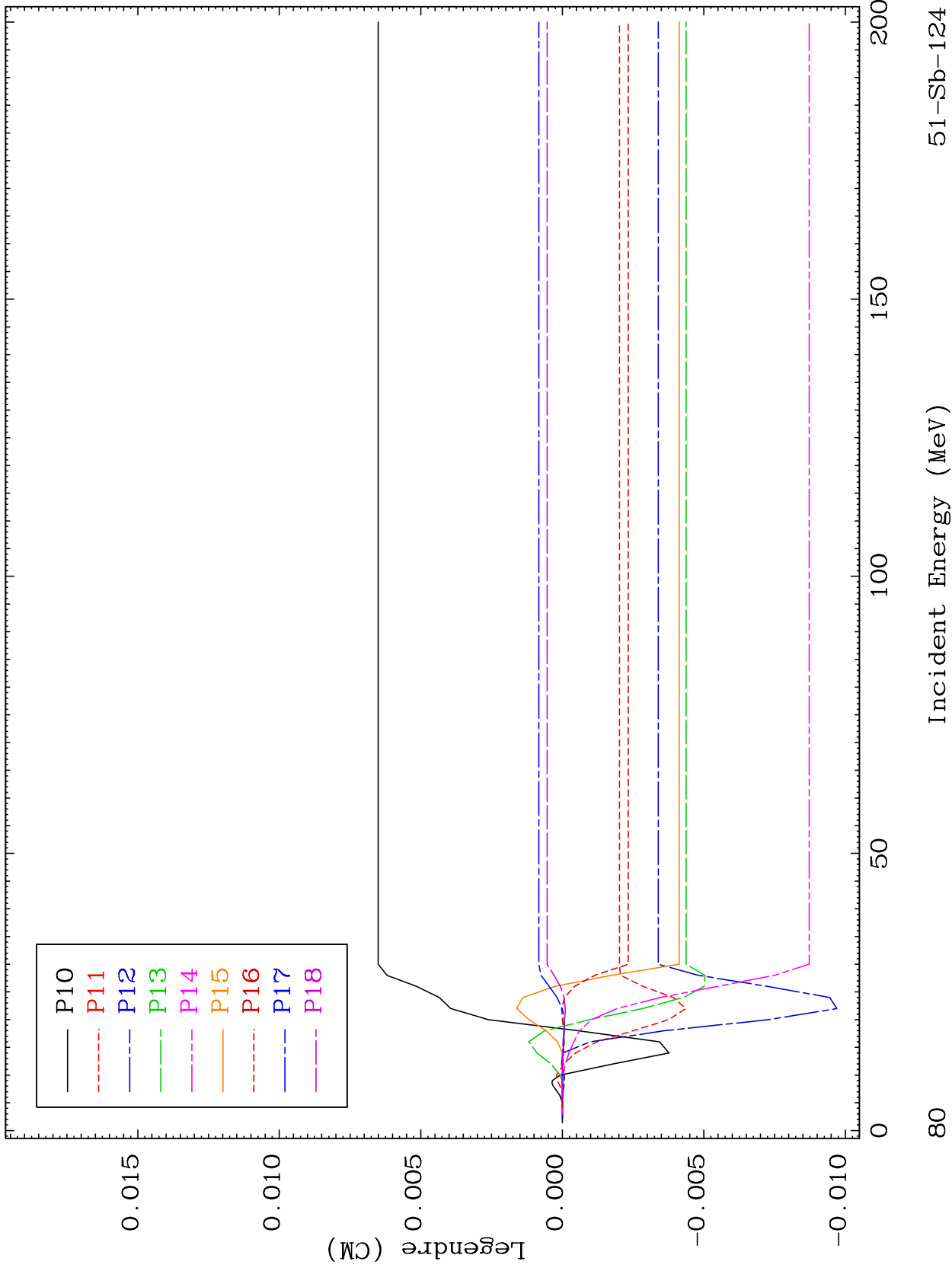
51-Sb-124



MAT 5134

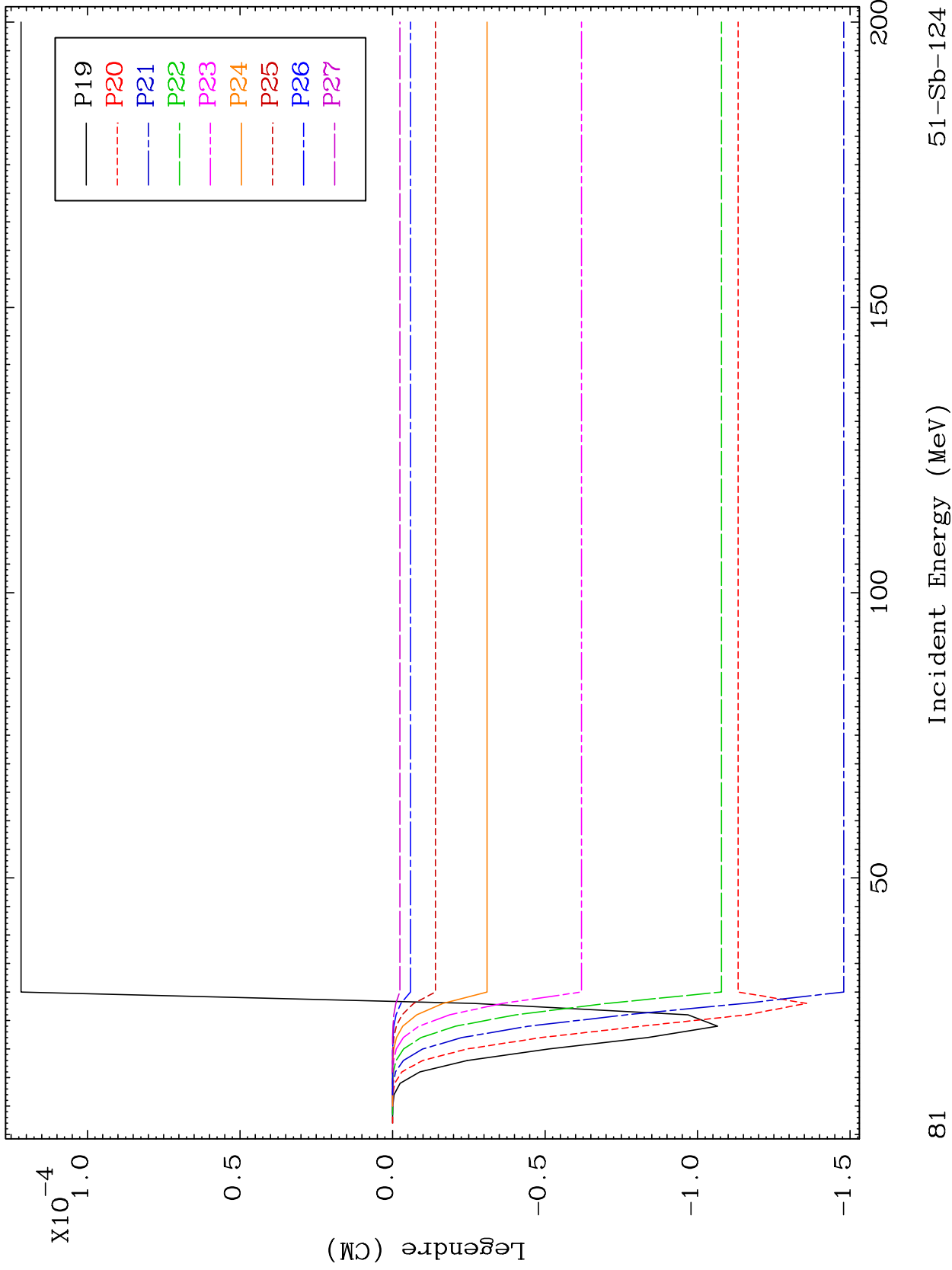
MT= 69 (n,n') Level  
Legendre Coefficients

51-Sb-124



51-Sb-124

Incident Energy (MeV)

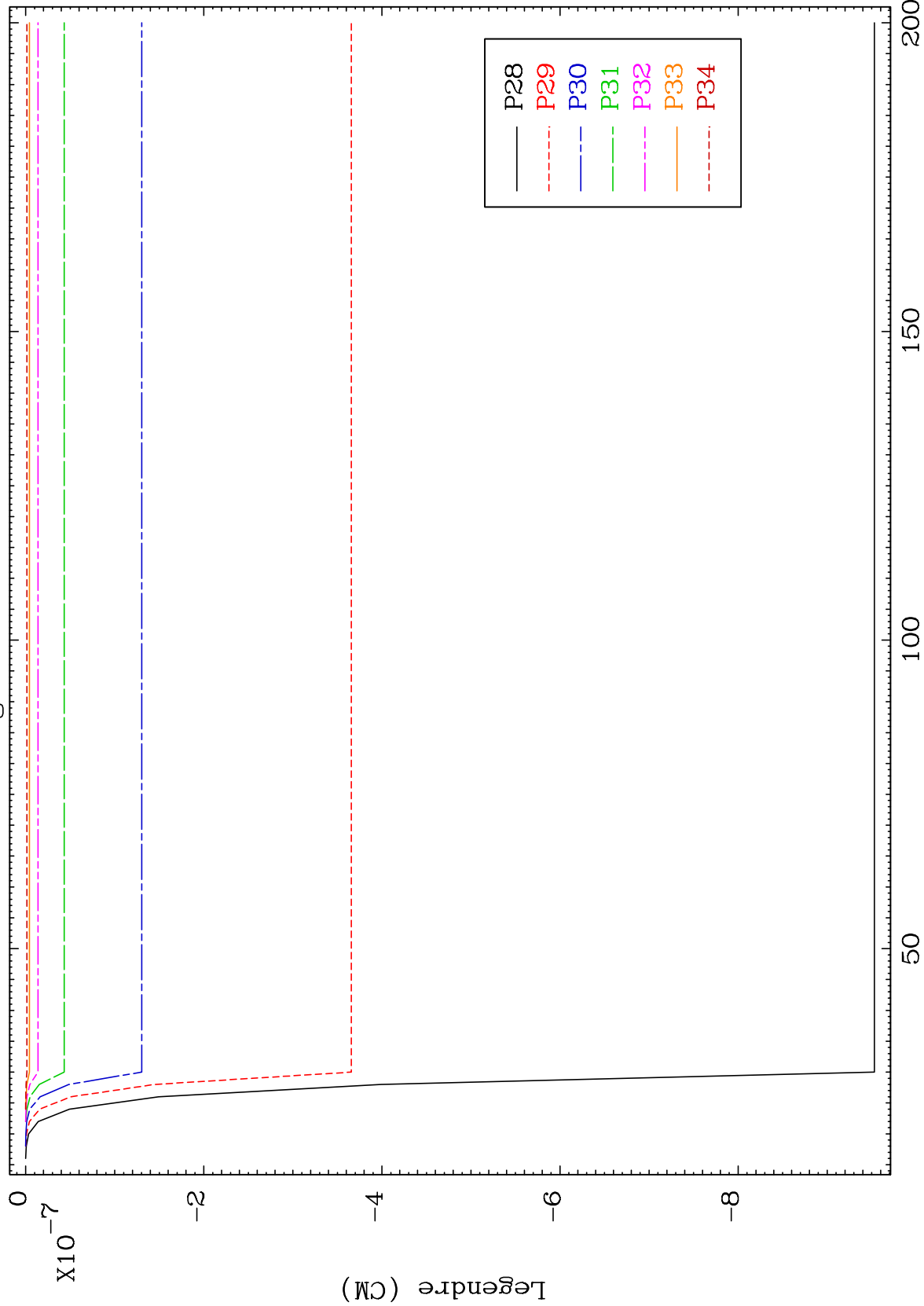


MAT 5134

MT= 69 (n,n') Level

51-Sb-124

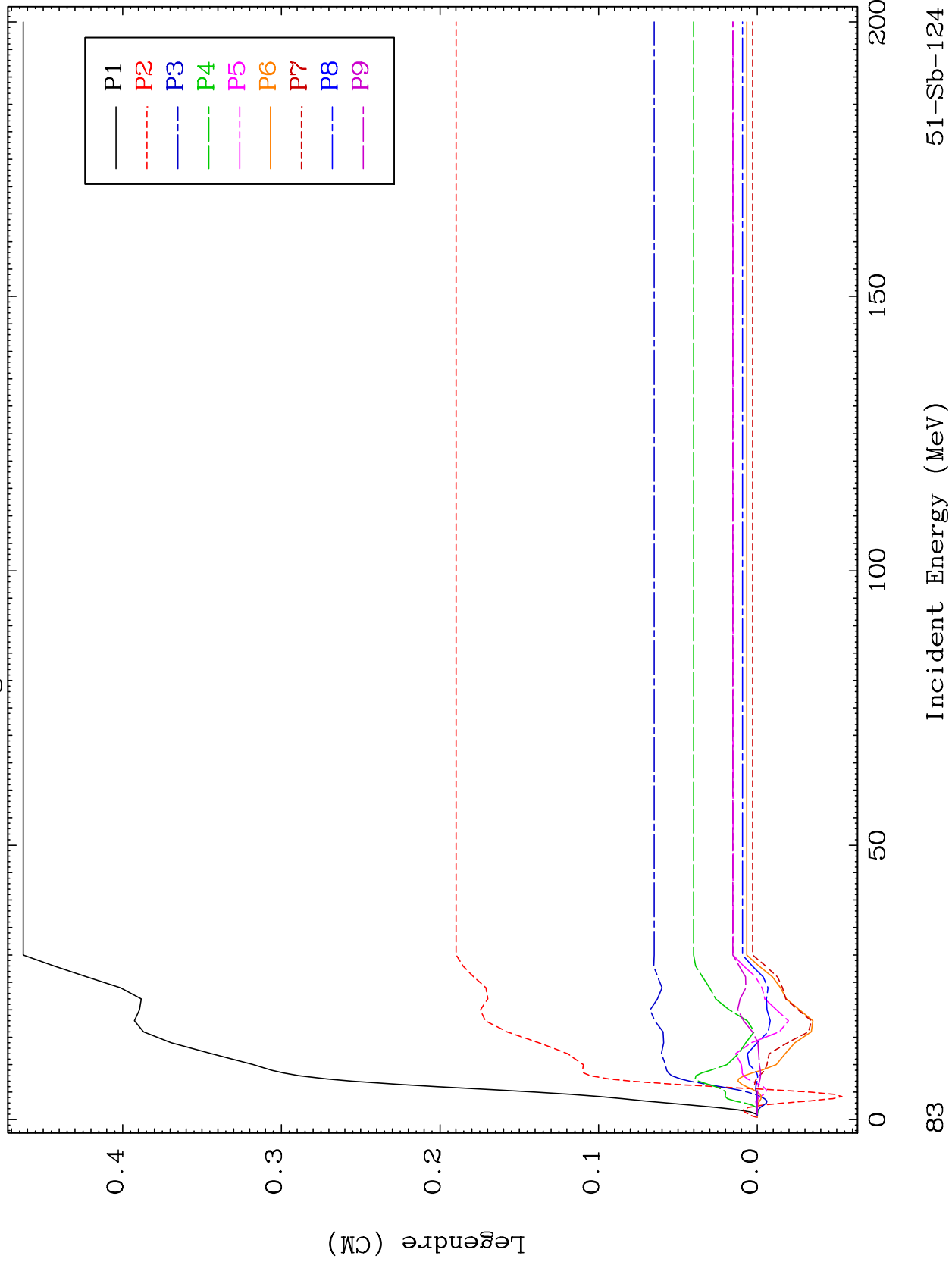
Legendre Coefficients



MAT 5134

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

51-Sb-124



83

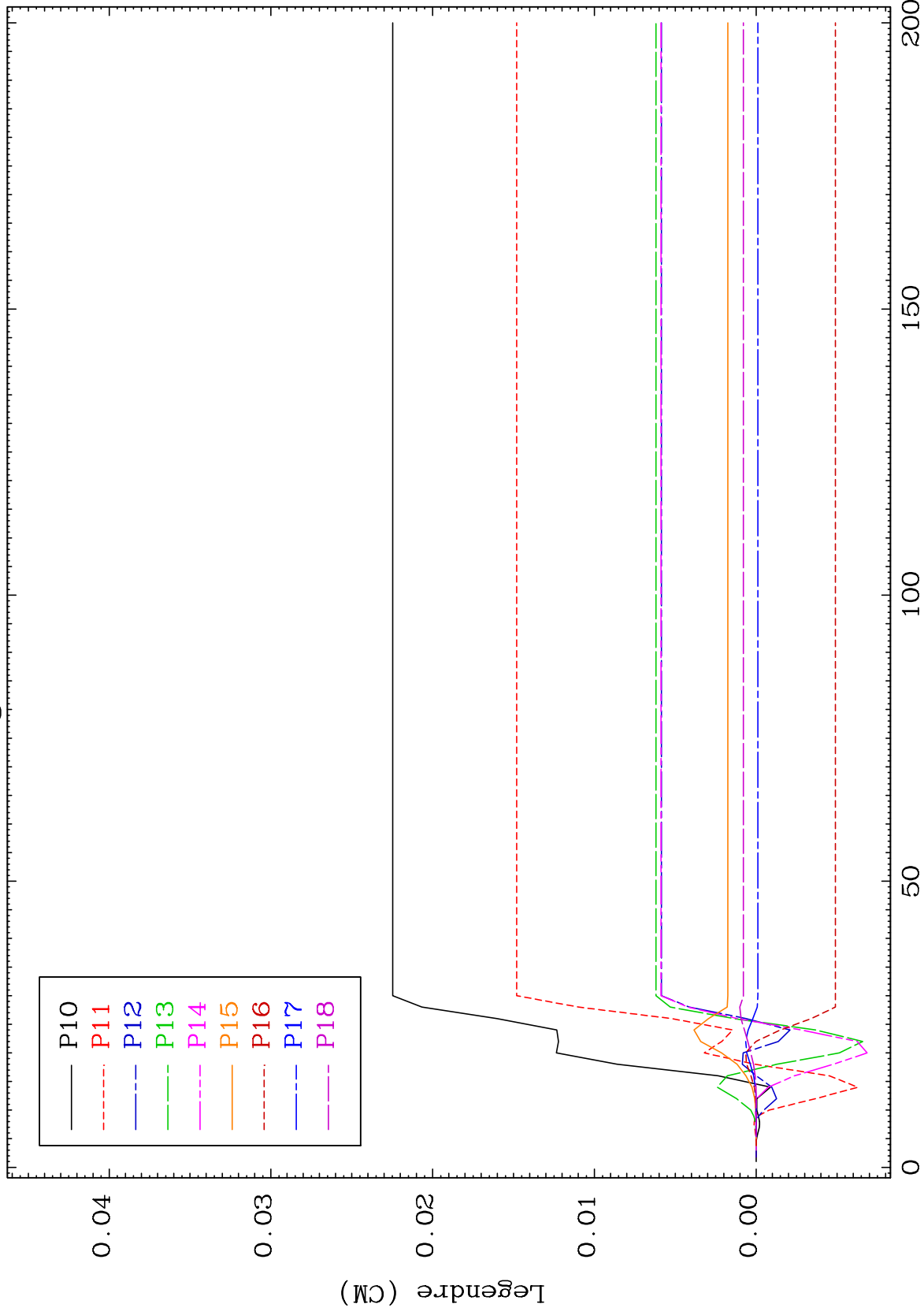
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

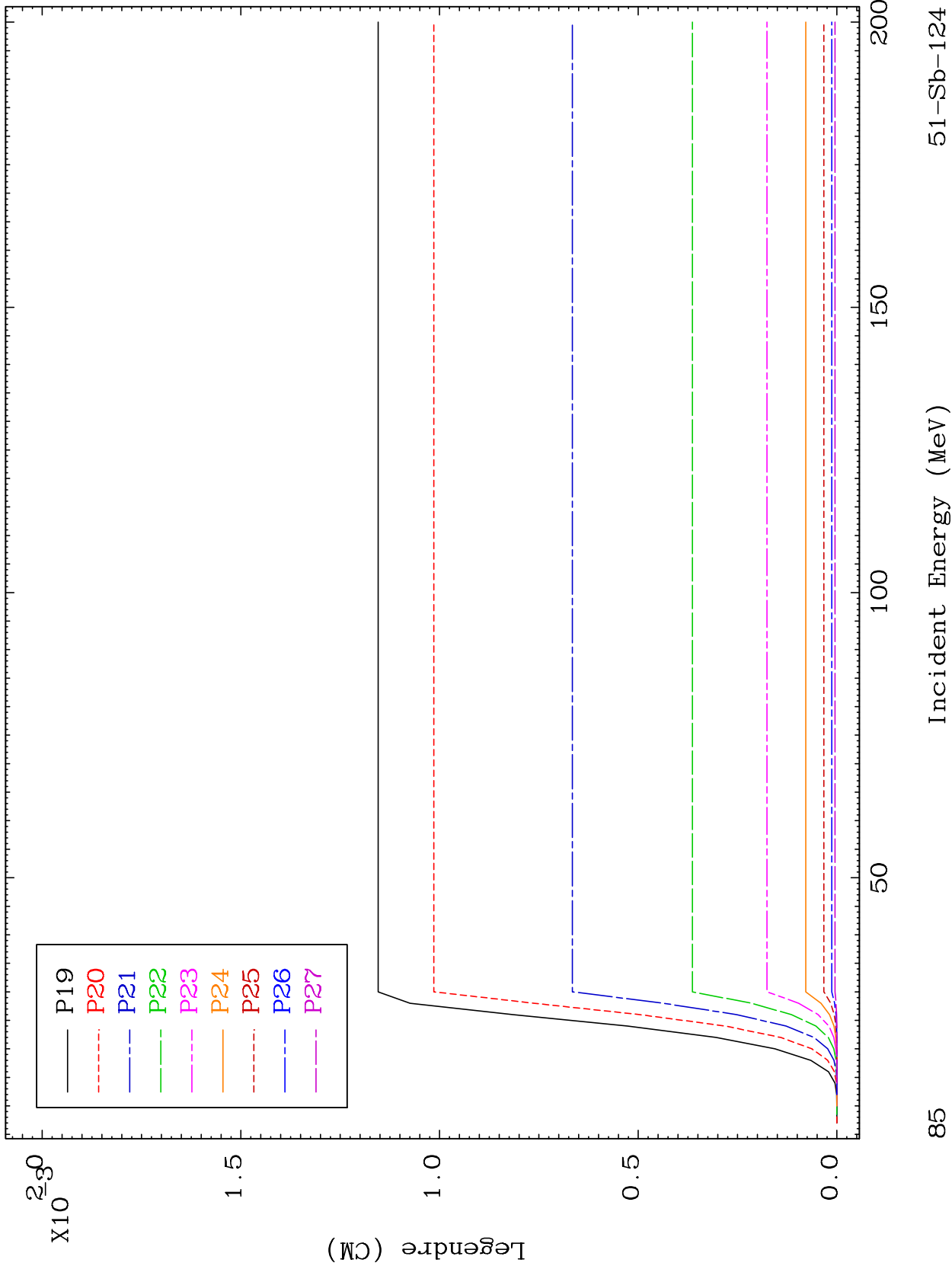
51-Sb-124



84

Incident Energy (MeV)

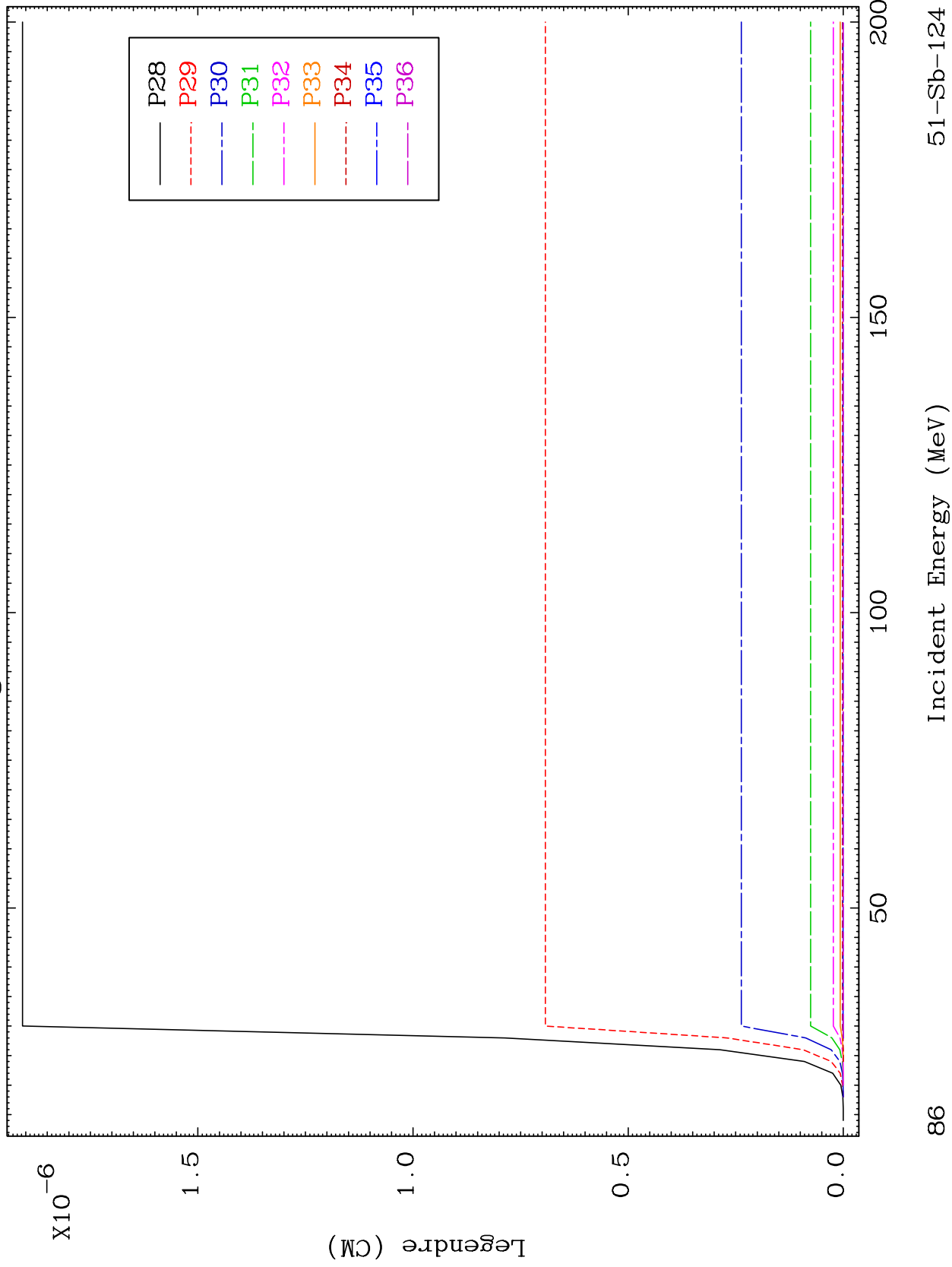
51-Sb-124



MAT 5134

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

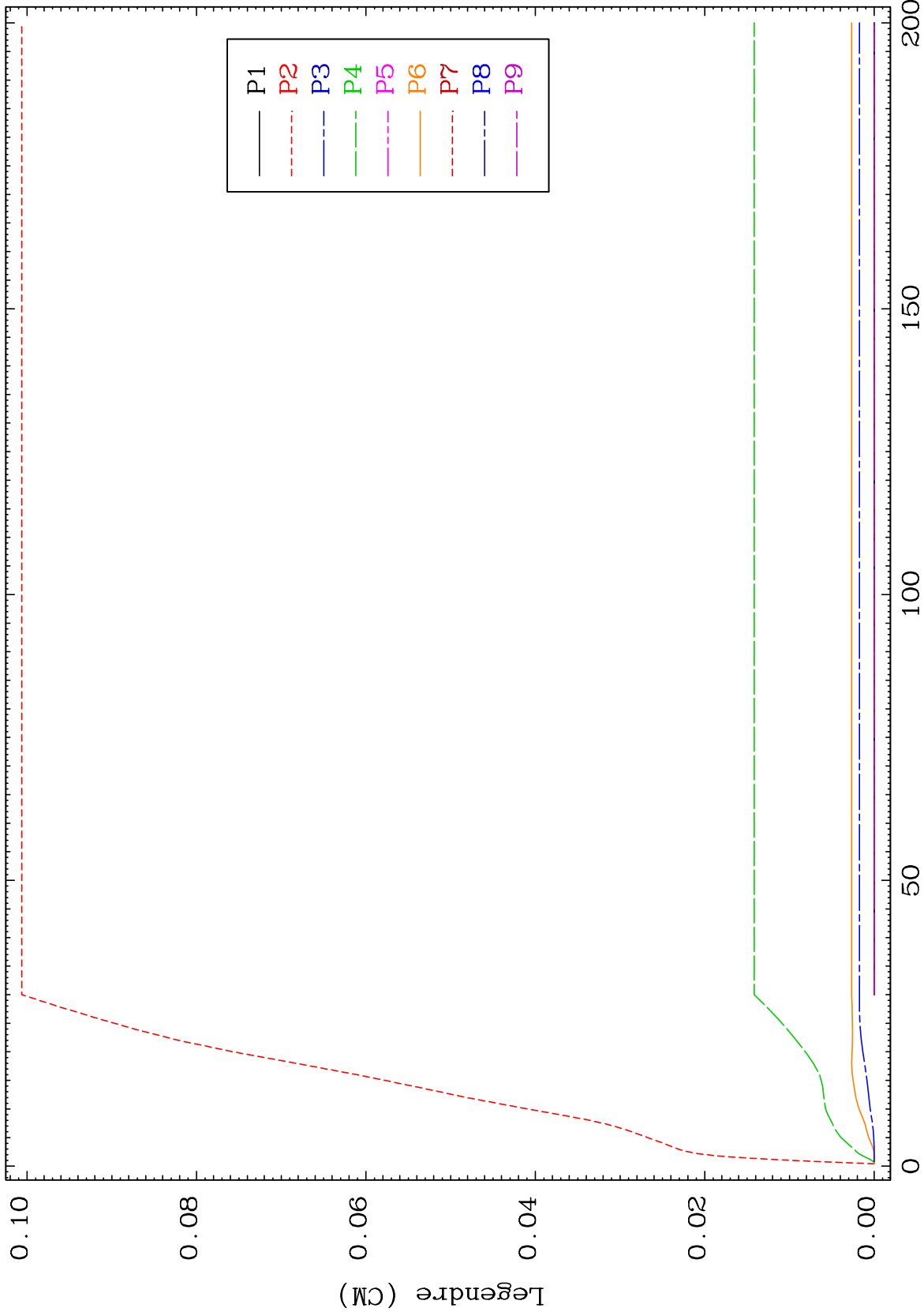
51-Sb-124



MAT 5134

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

51-Sb-124



87

Incident Energy (MeV)

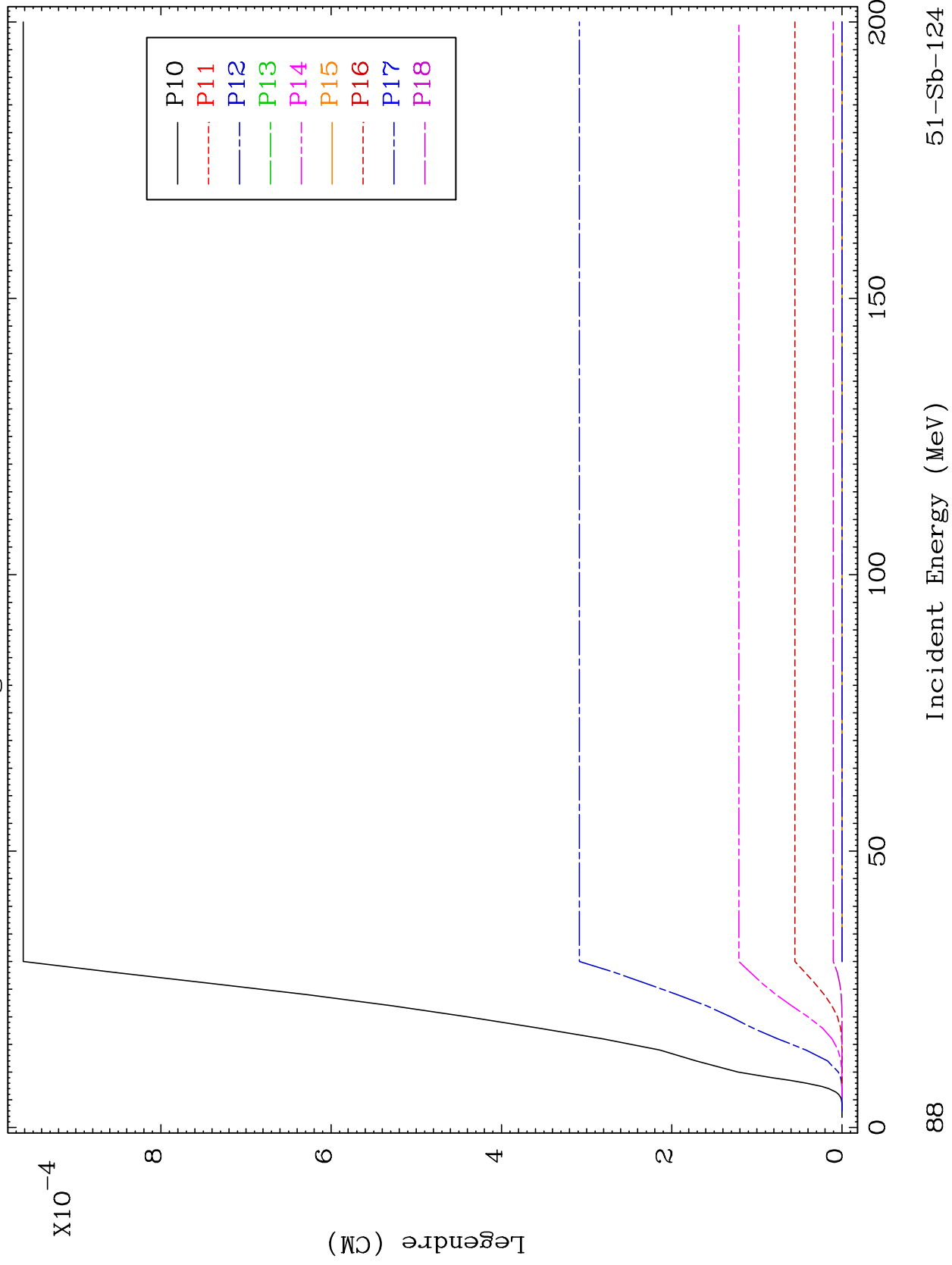
51-Sb-124



MAT 5134

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

51-Sb-124



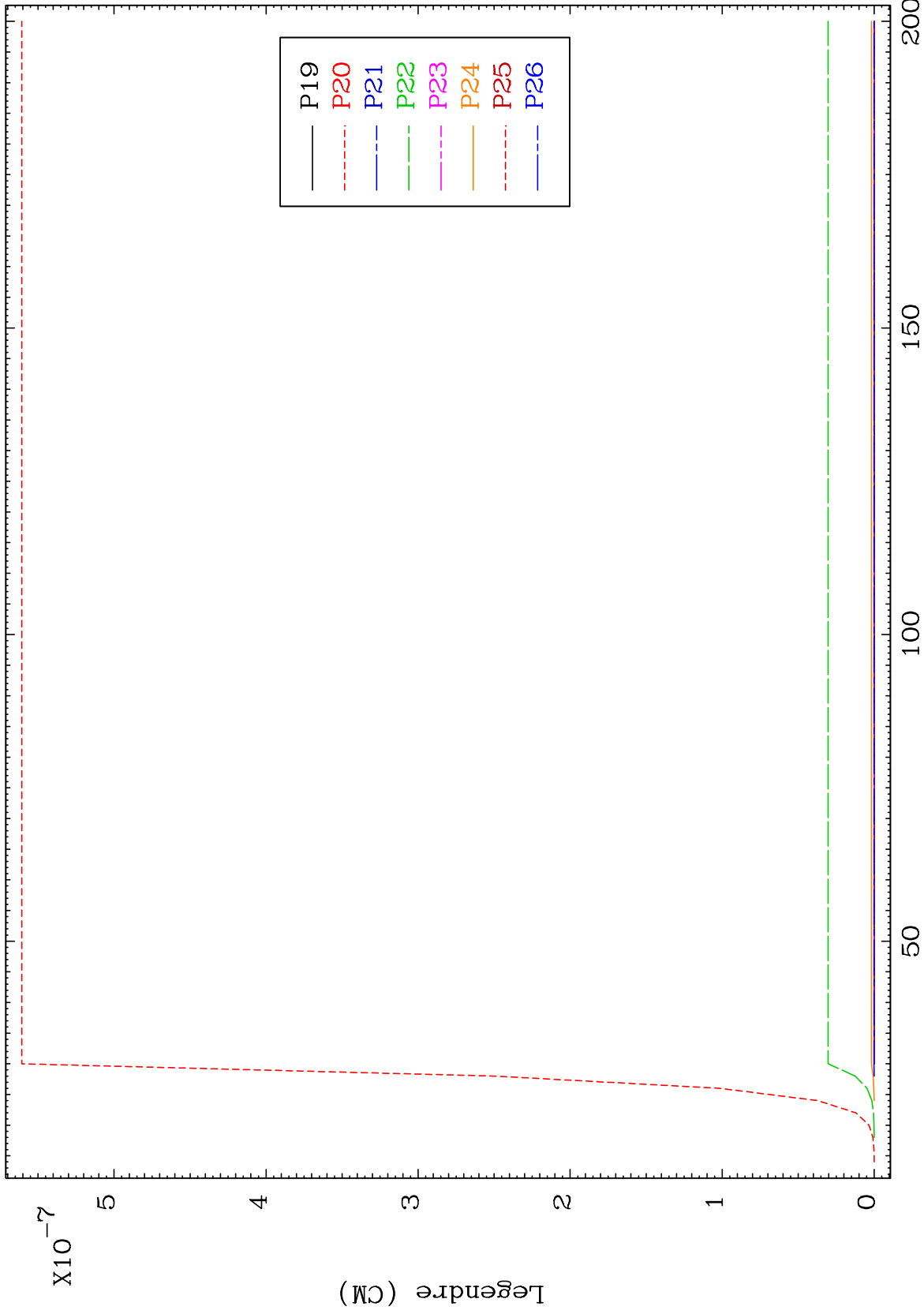
88

51-Sb-124

MAT 5134

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

51-Sb-124



89

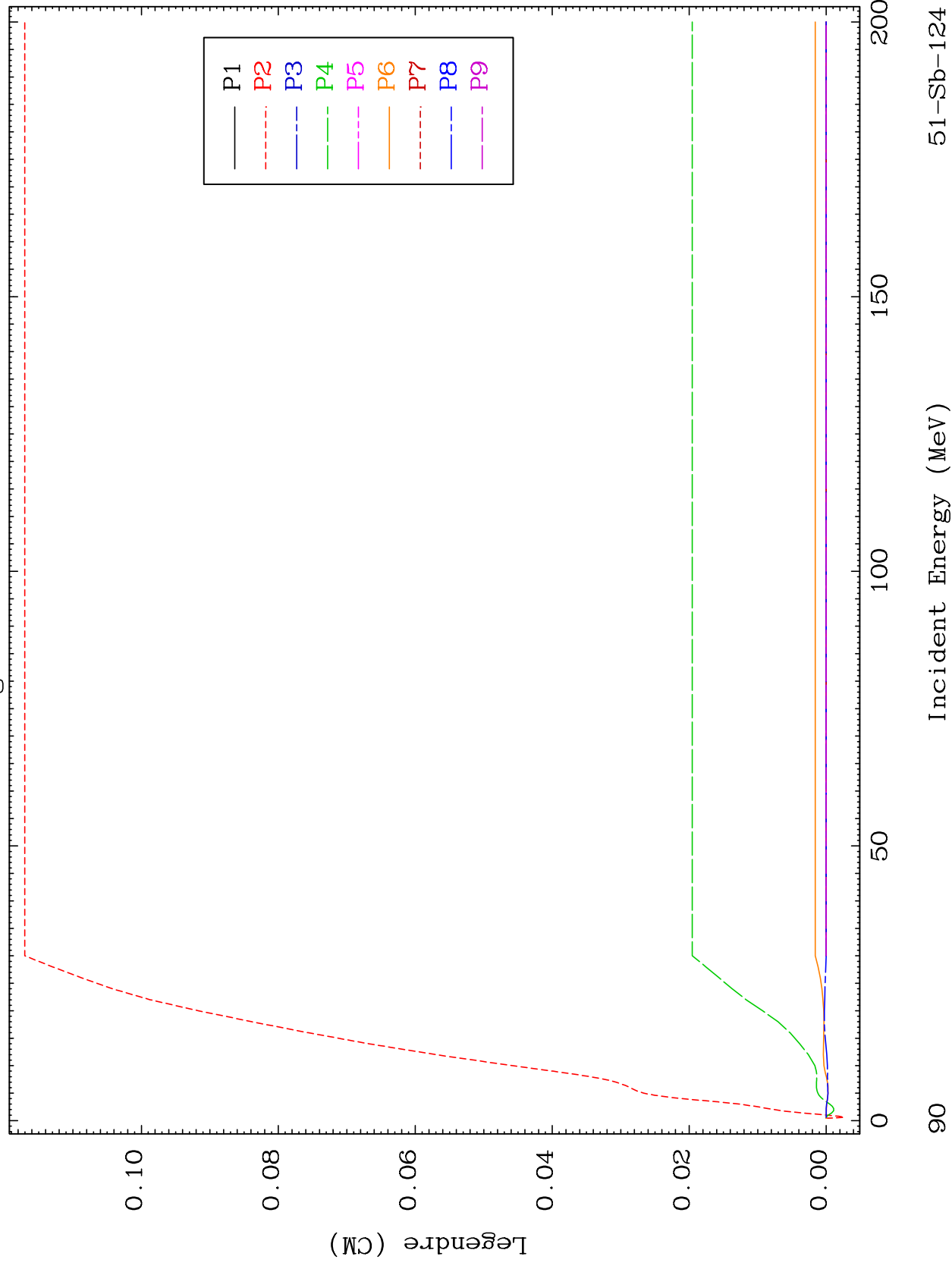
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124

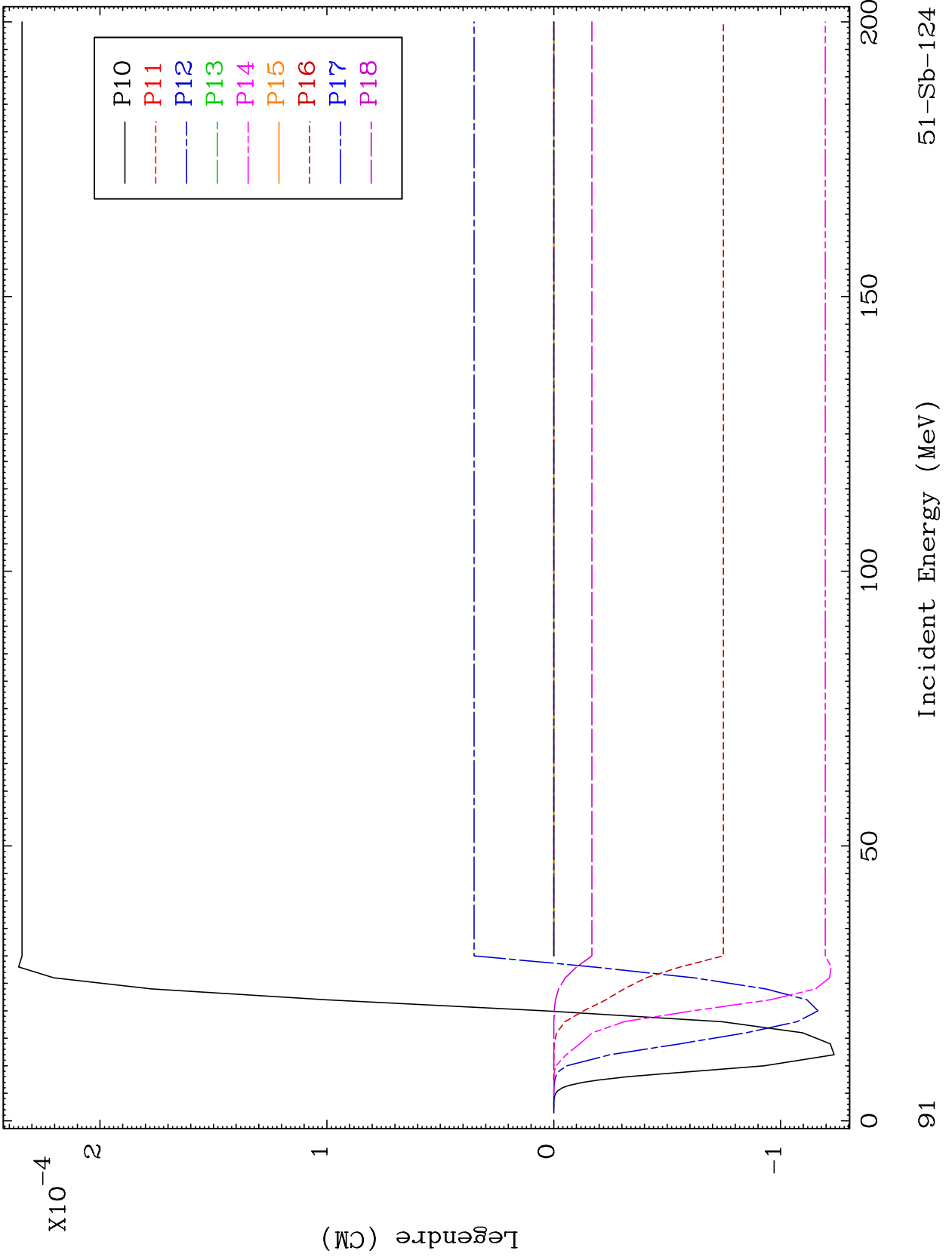


51-Sb-124

MAT 5134

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

51-Sb-124



51-Sb-124

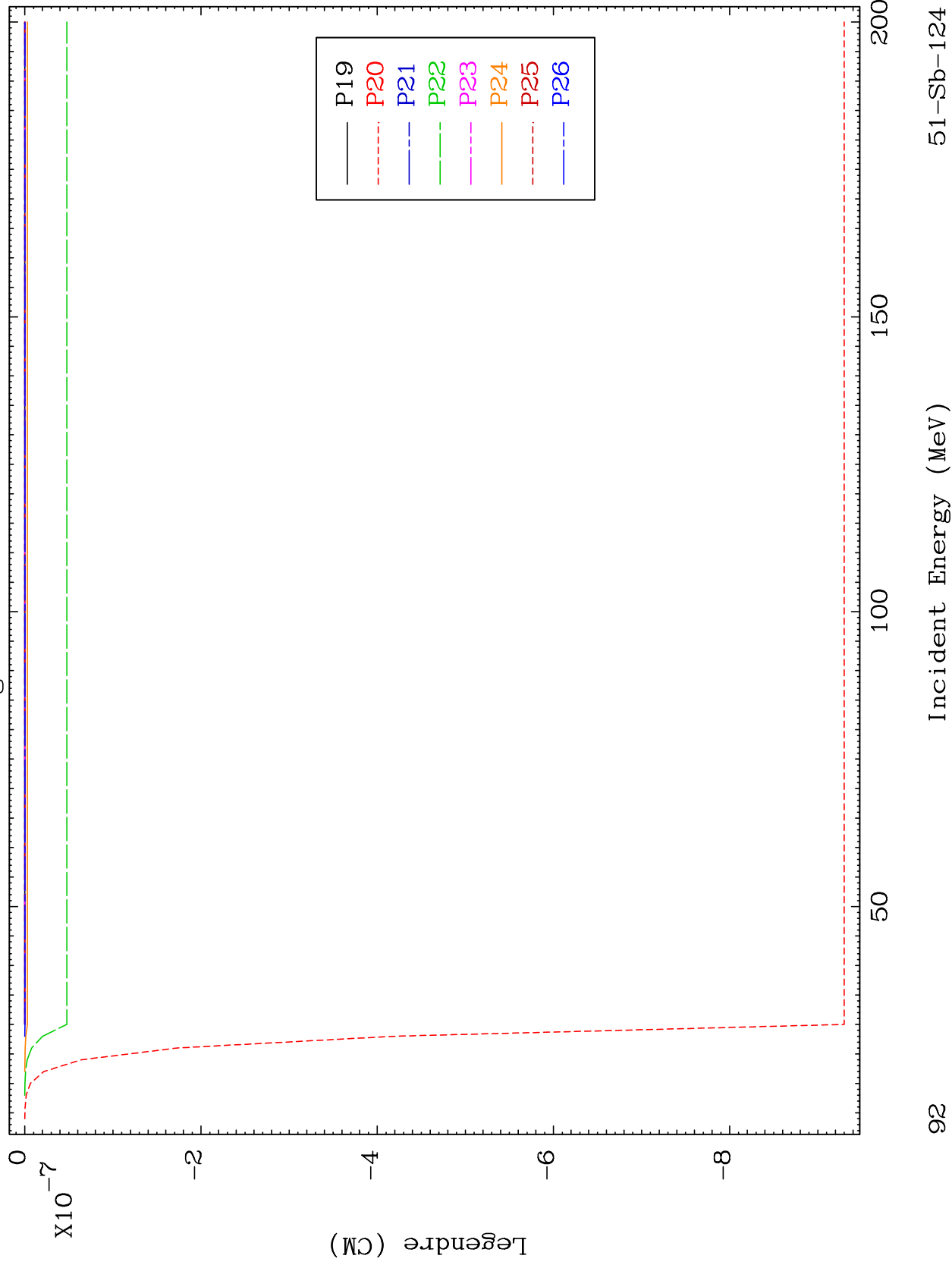
Incident Energy (MeV)

91

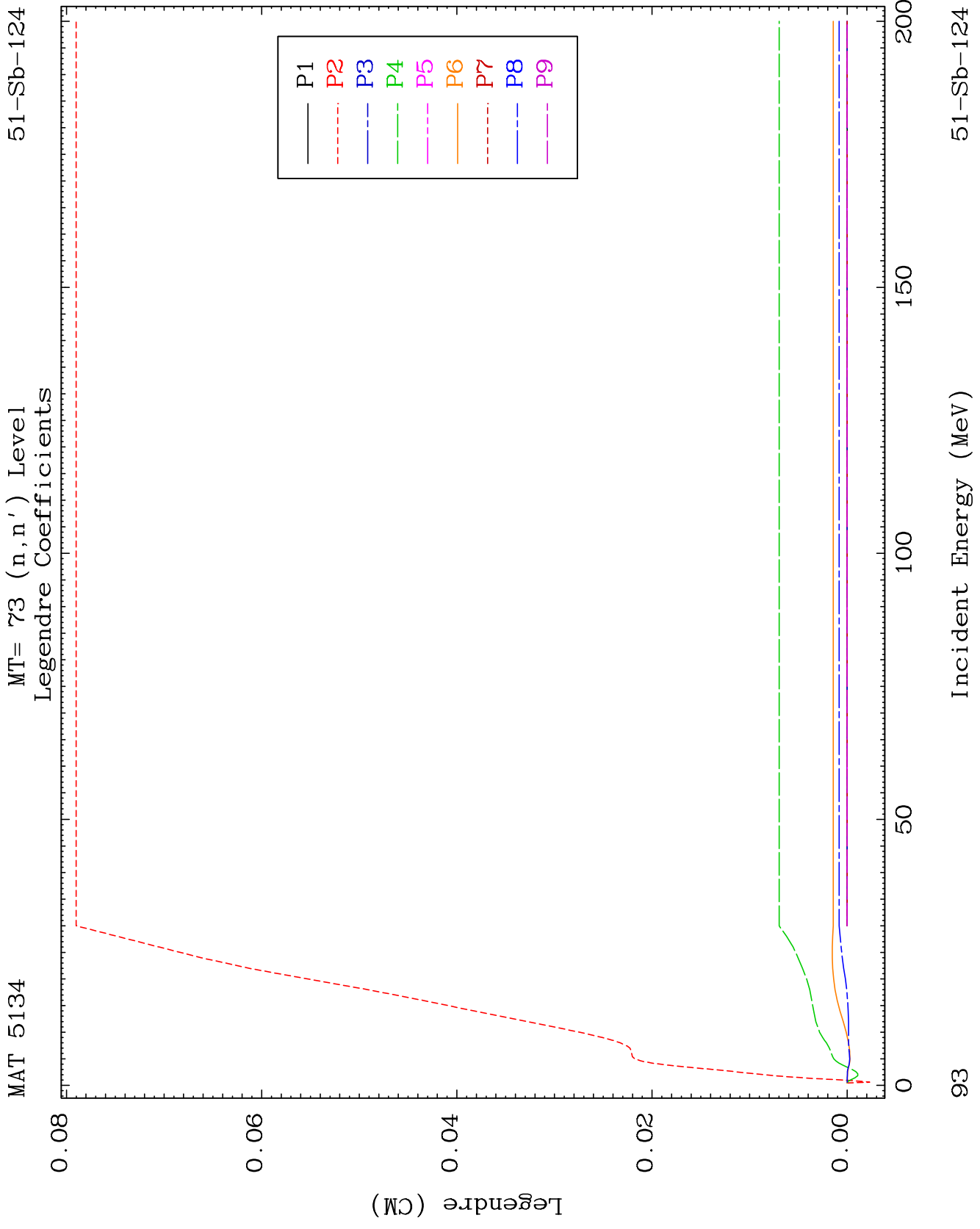
MAT 5134

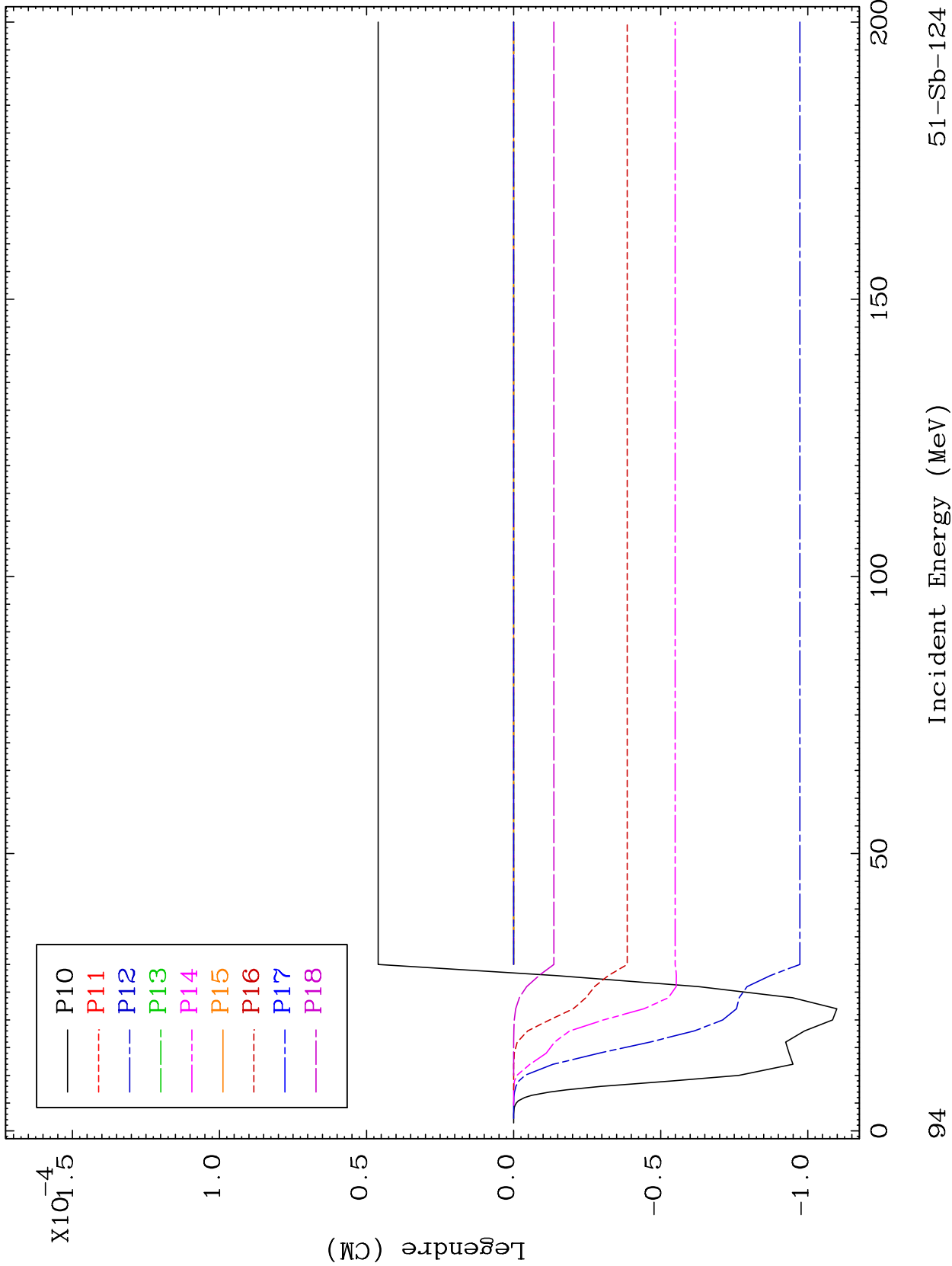
MT= 72 (n,n') Level  
Legendre Coefficients

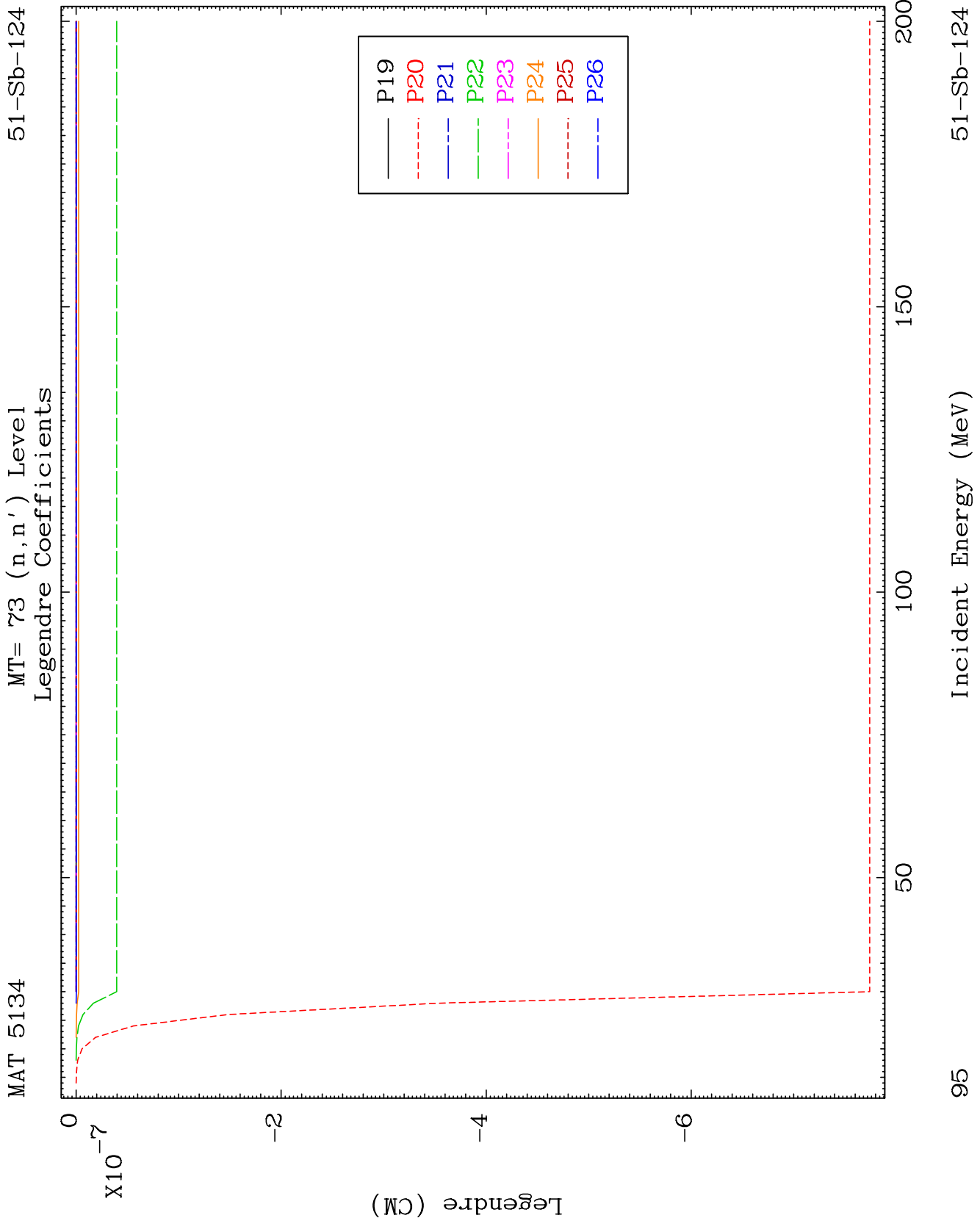
51-Sb-124



92





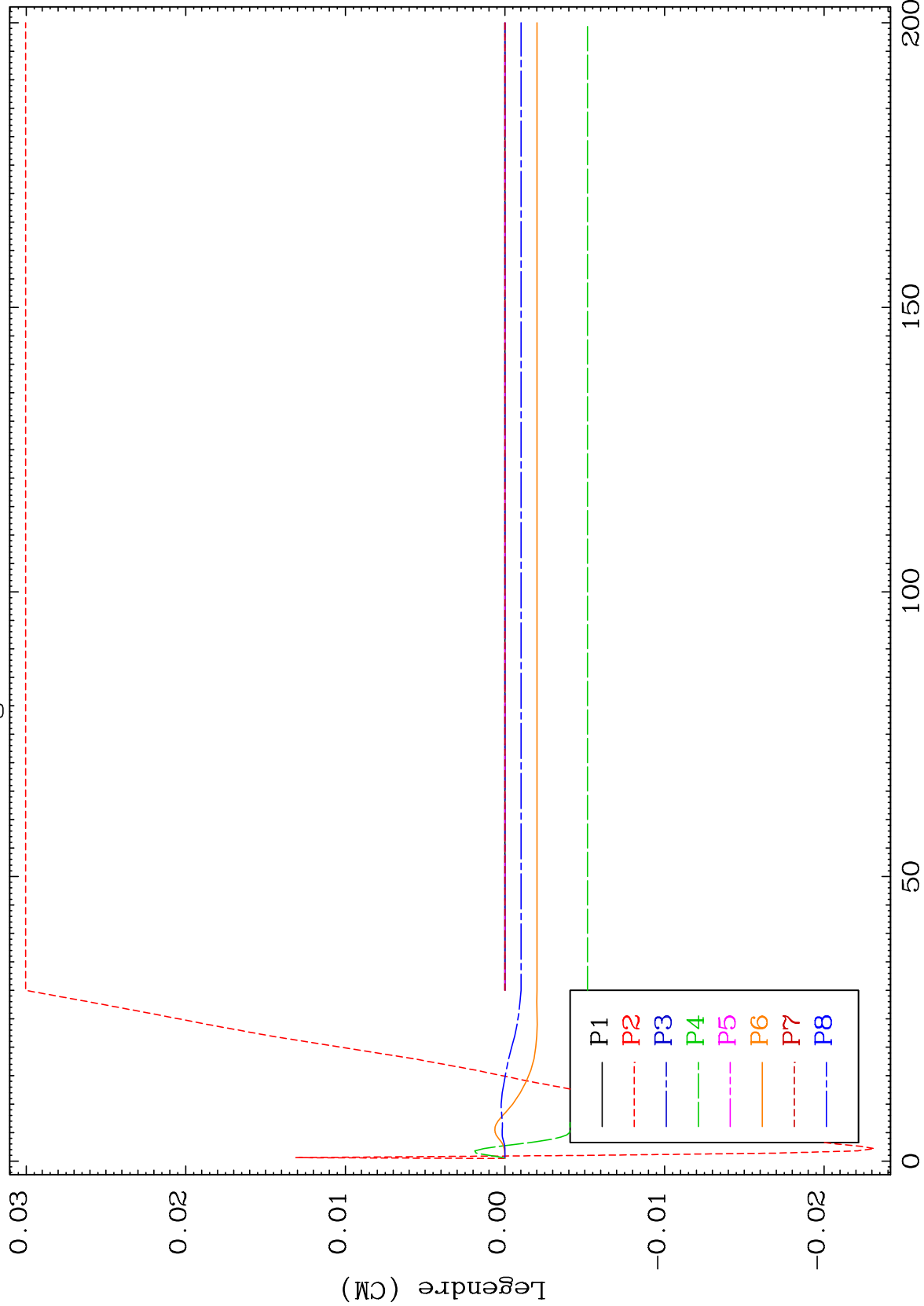




MAT 5134

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

51-Sb-124



96

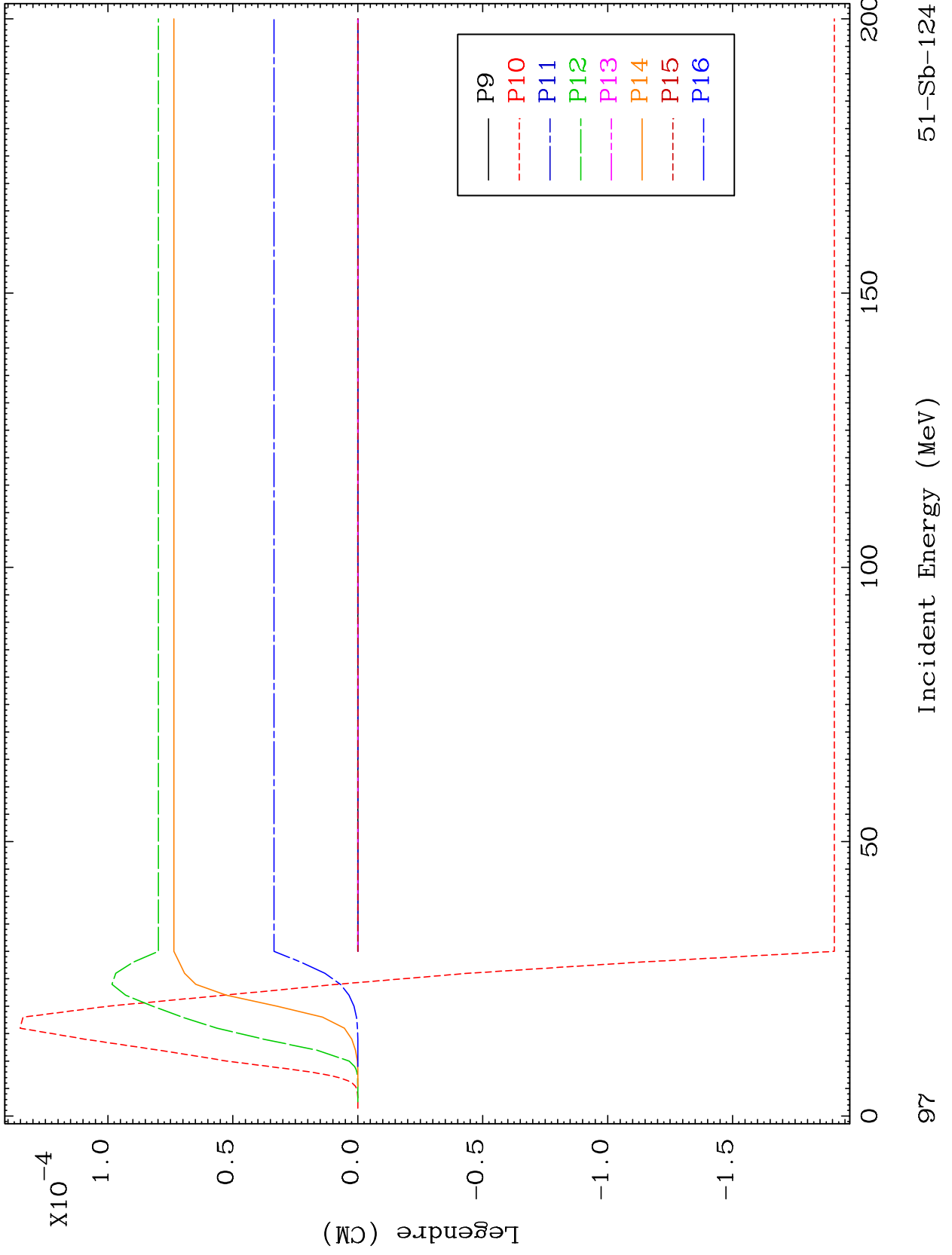
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



97

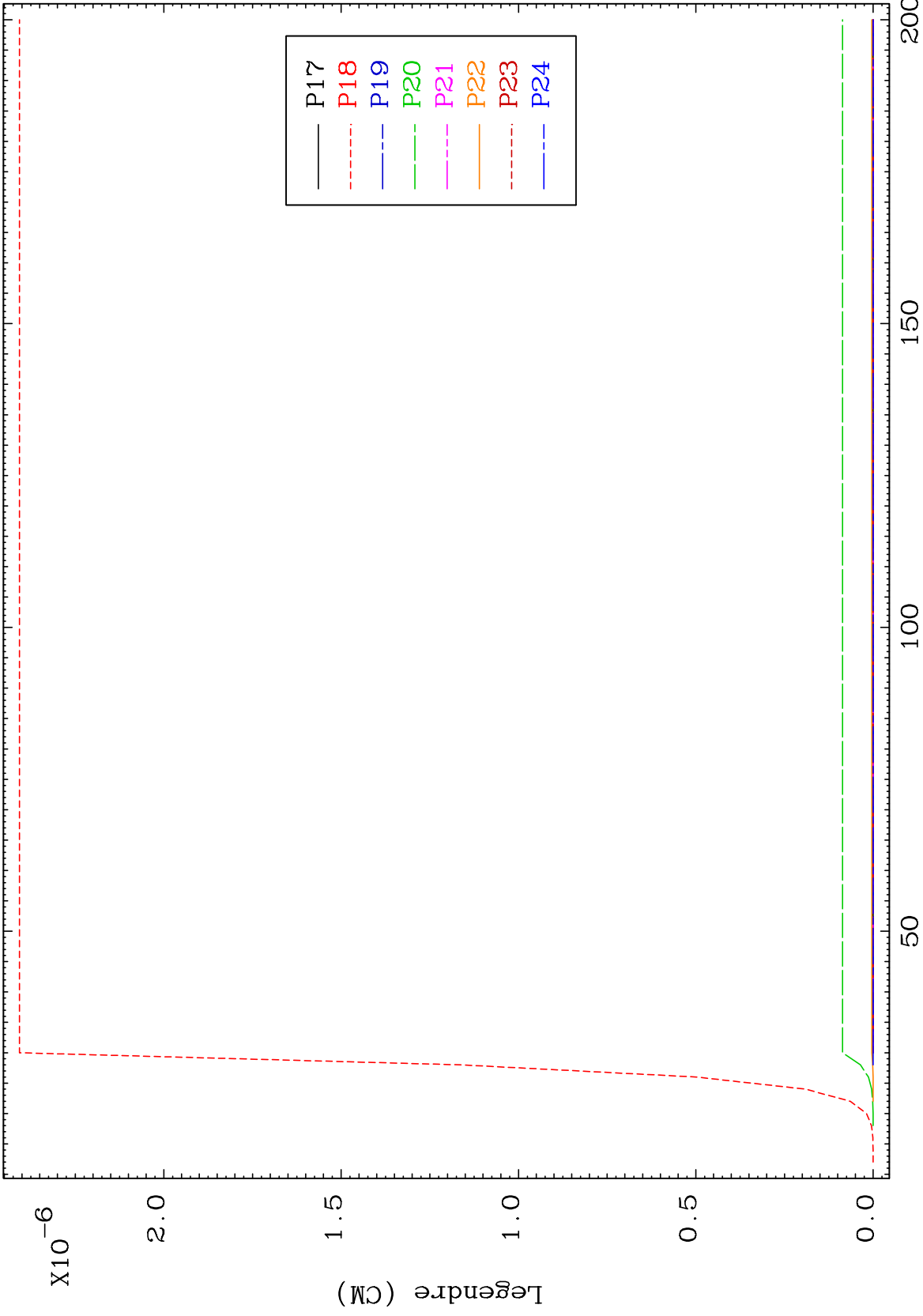
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



98

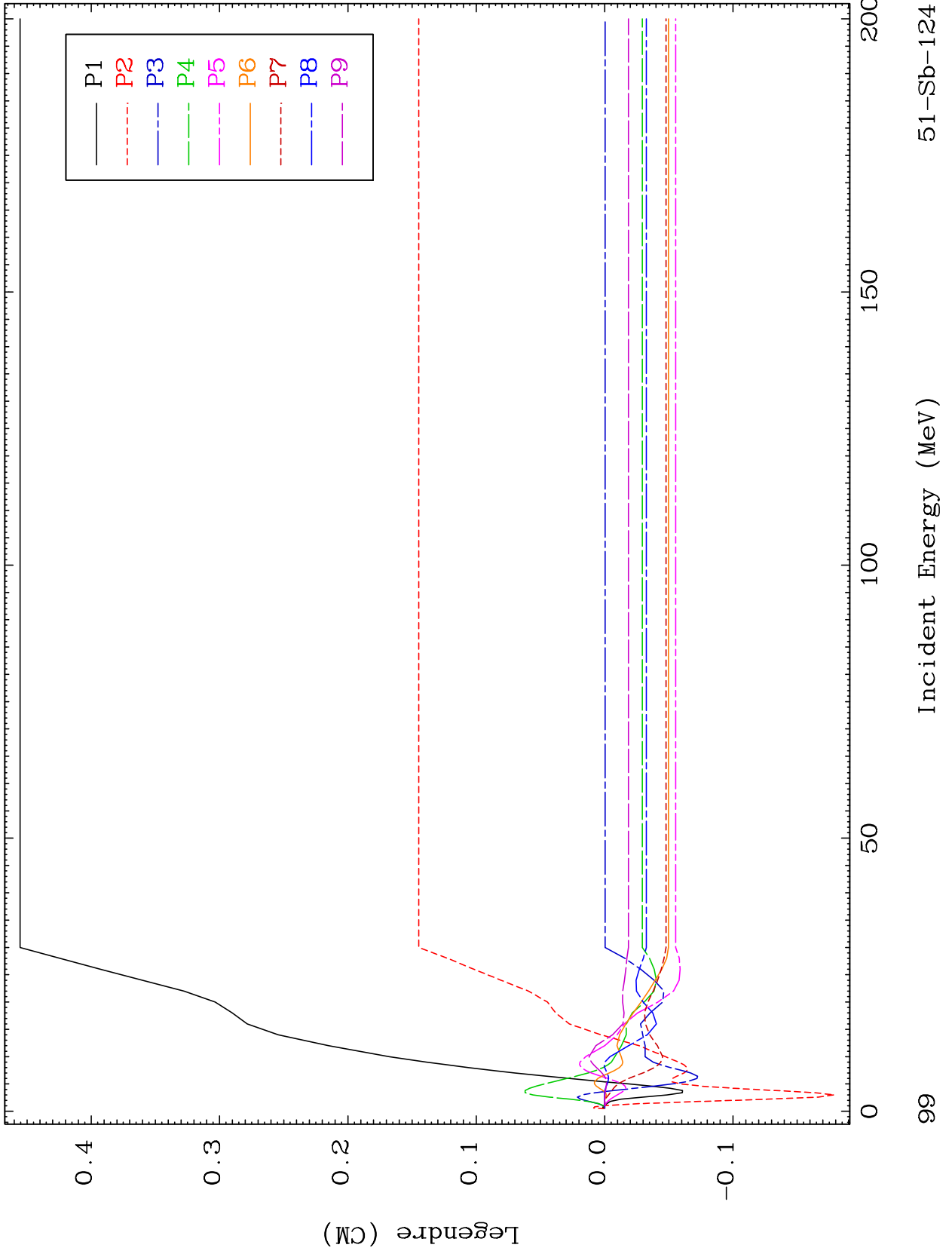
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

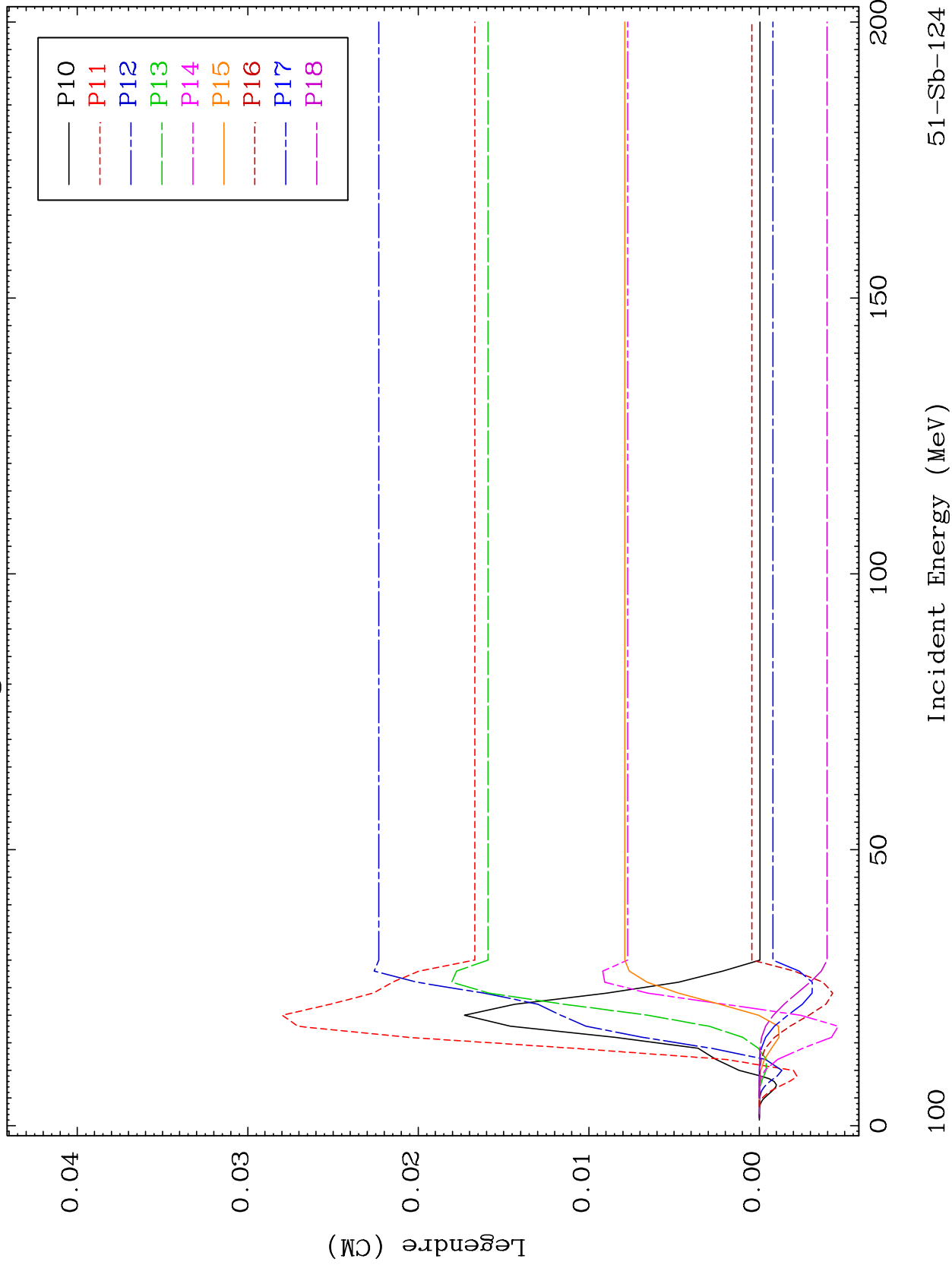
51-Sb-124



MAT 5134

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

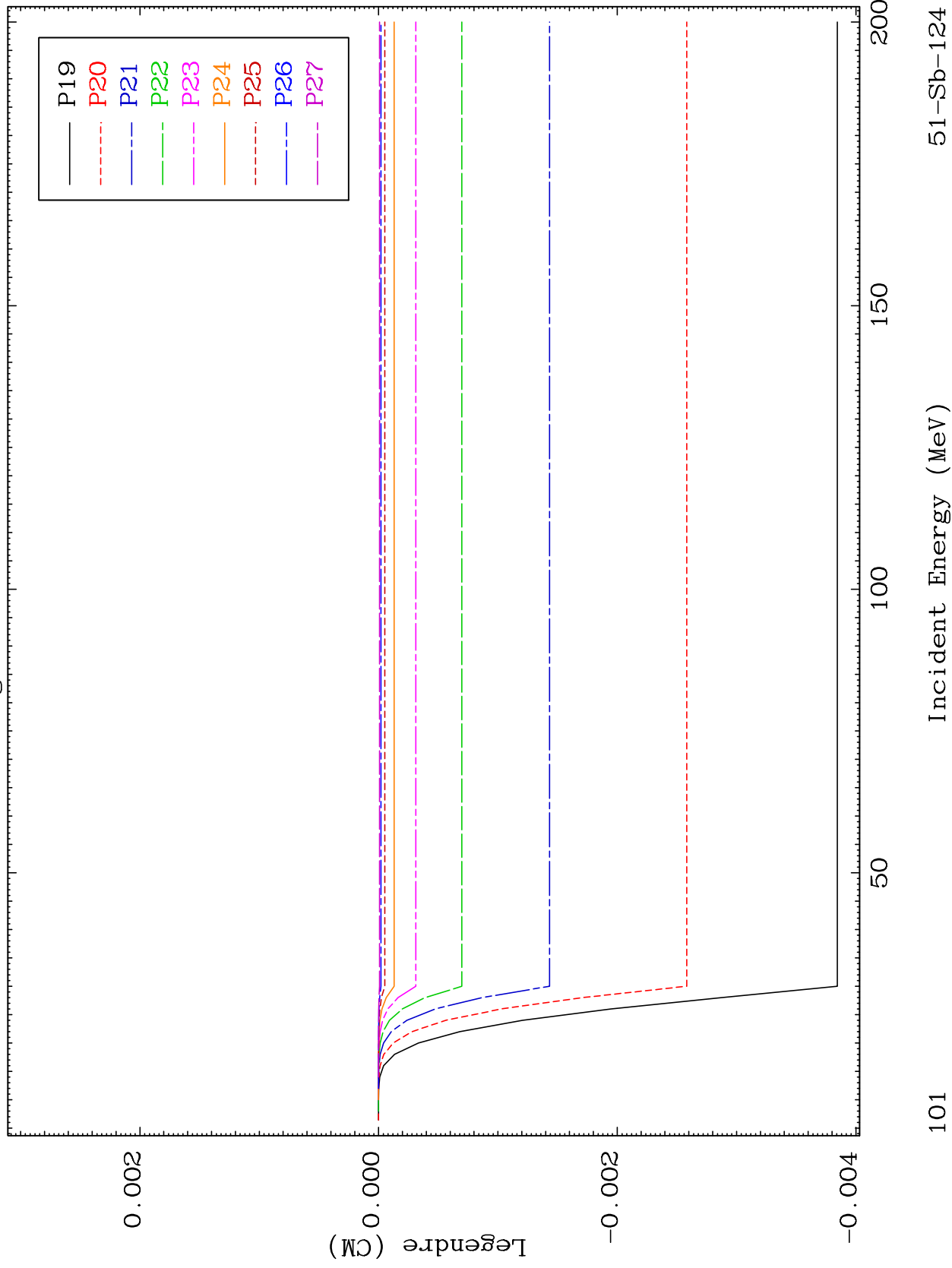
51-Sb-124



MAT 5134

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

51-Sb-124



101

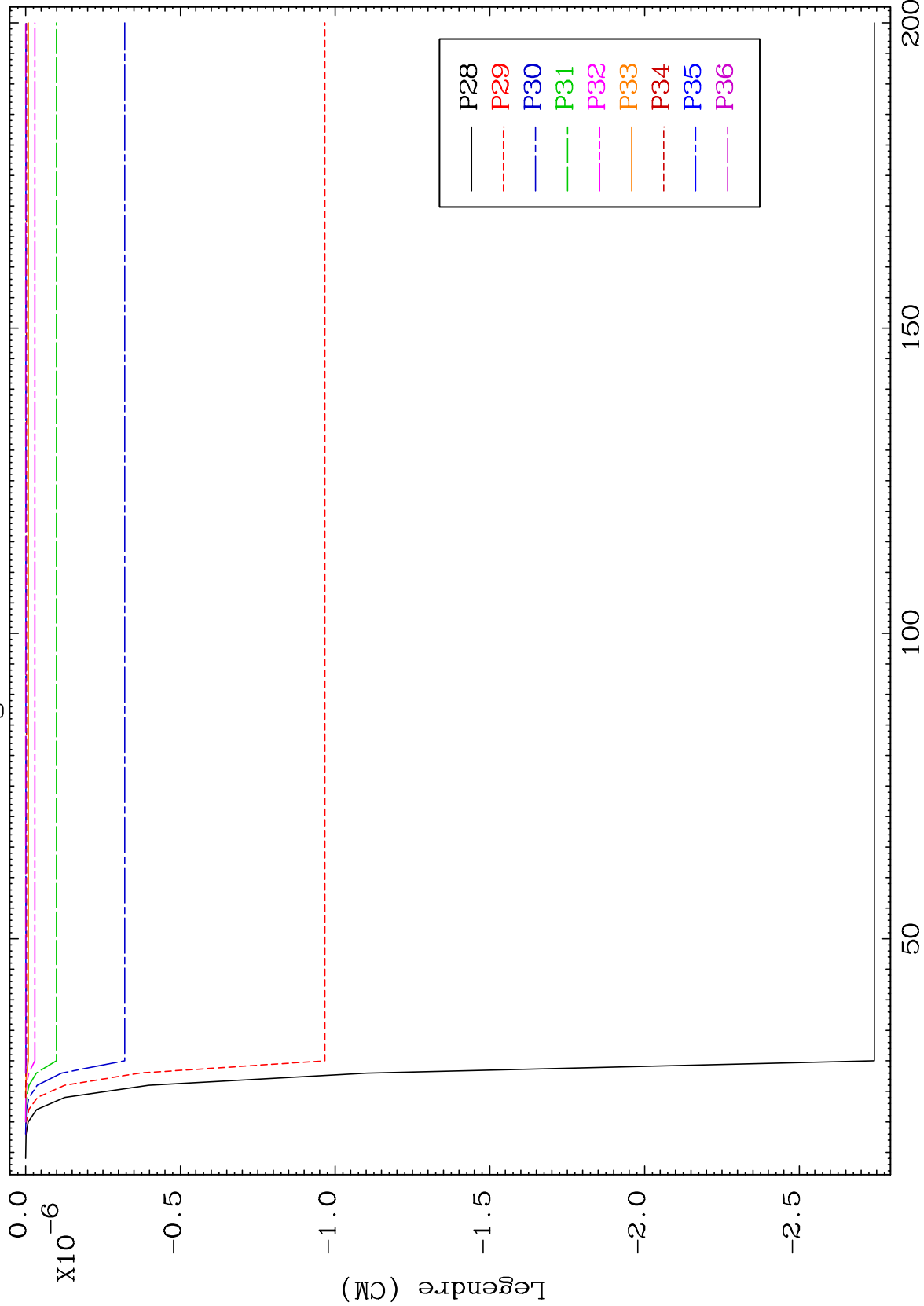
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



102

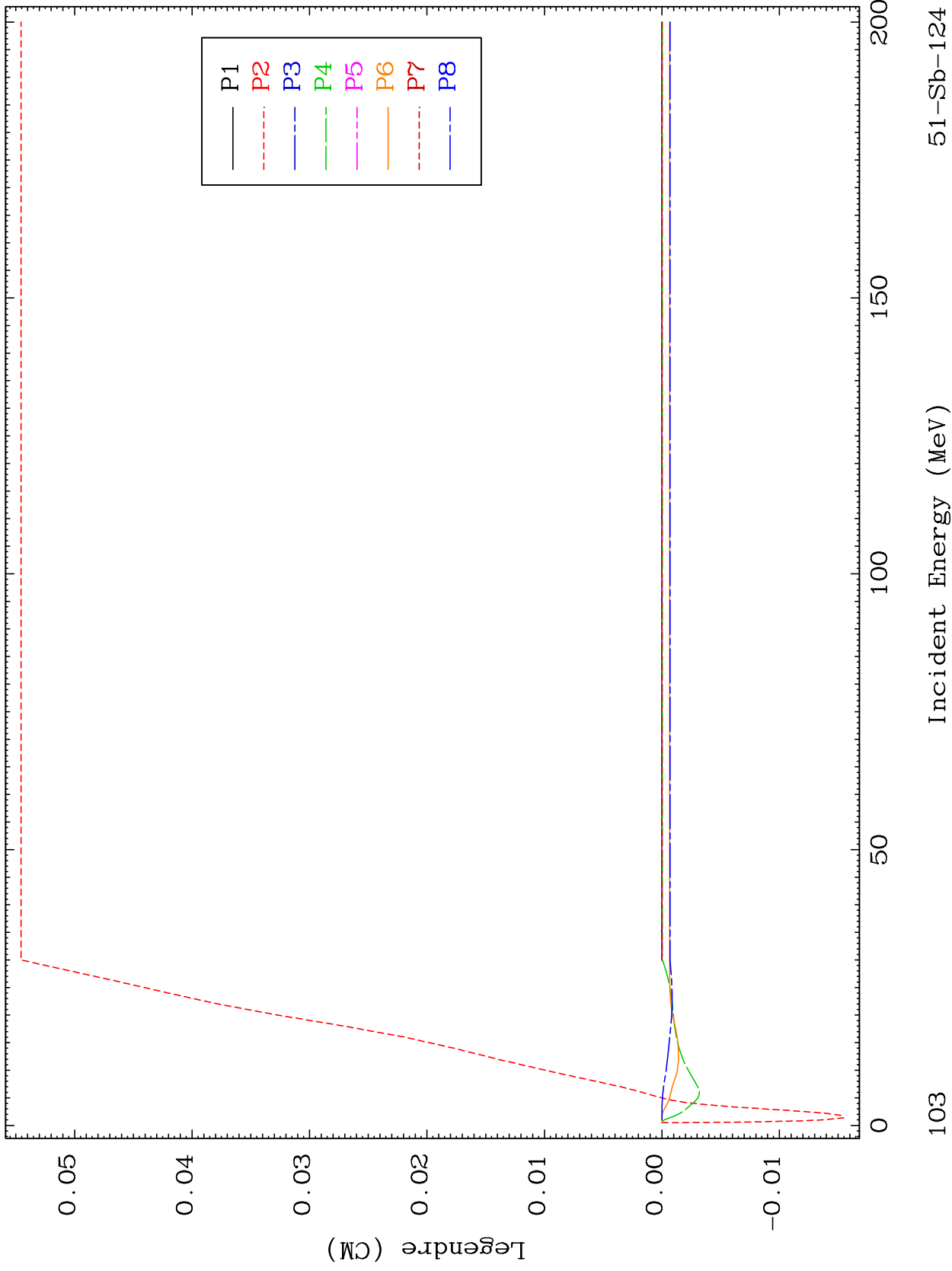
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124

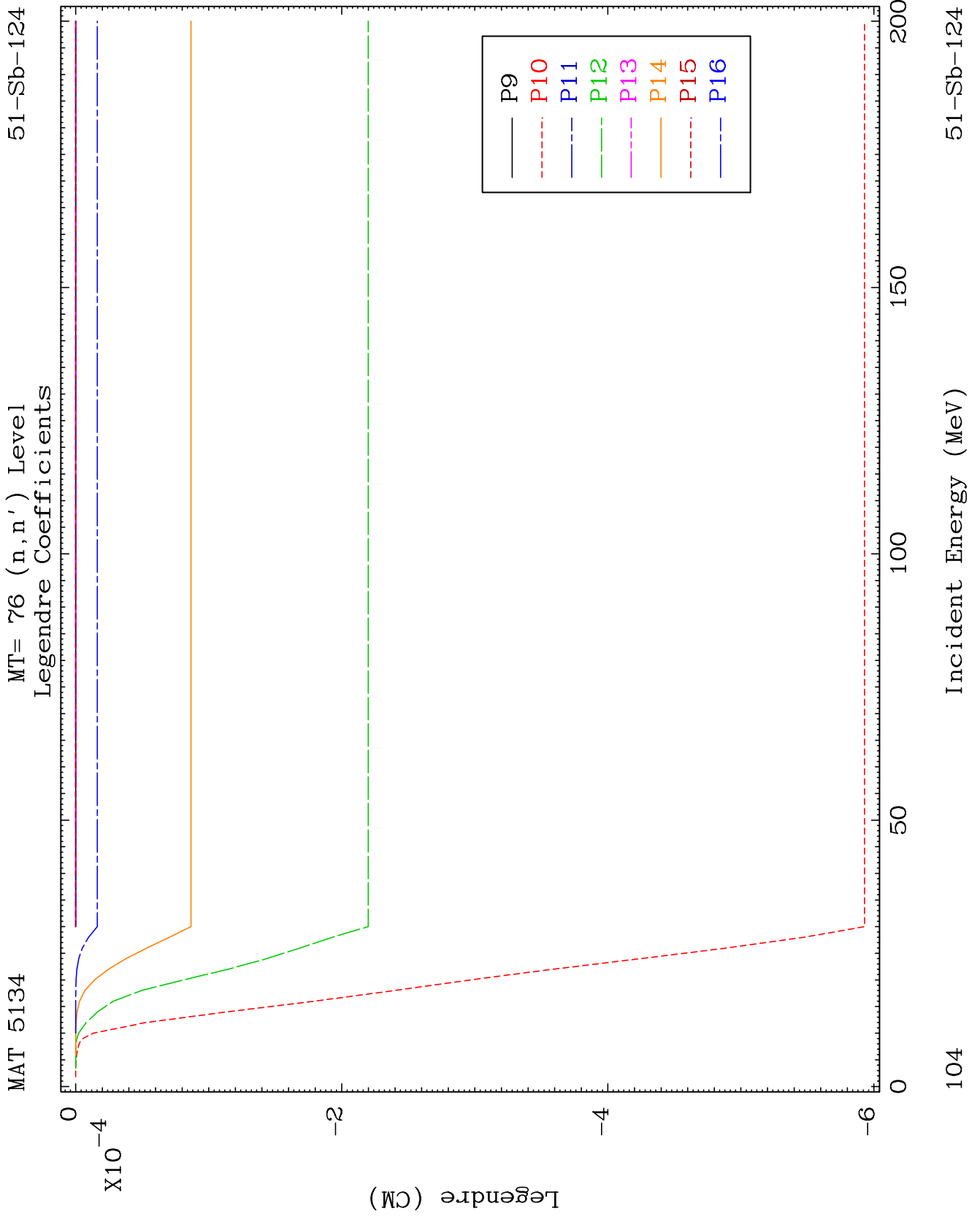


51-Sb-124

Incident Energy (MeV)

103

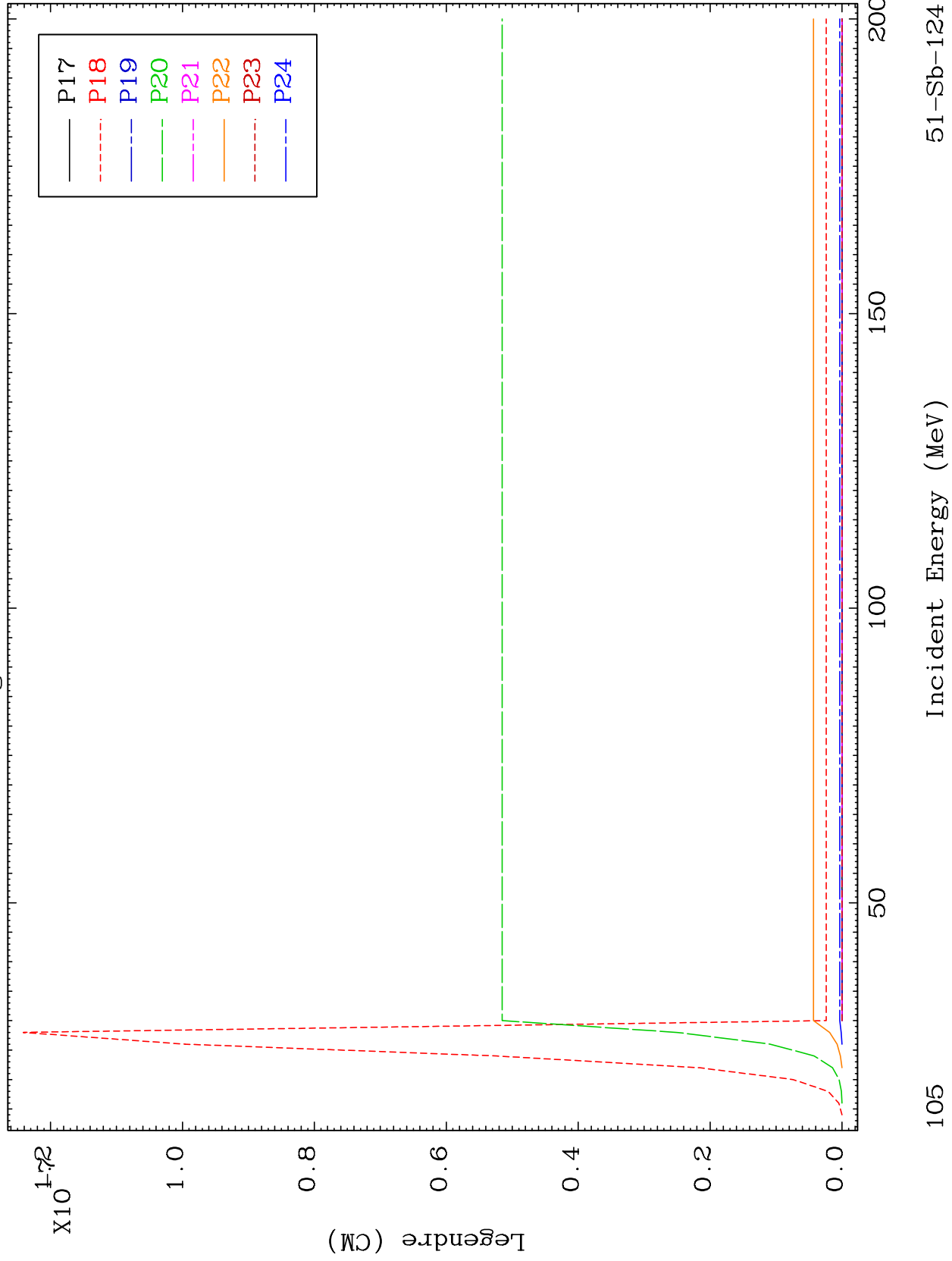




MAT 5134

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

51-Sb-124



51-Sb-124

Incident Energy (MeV)

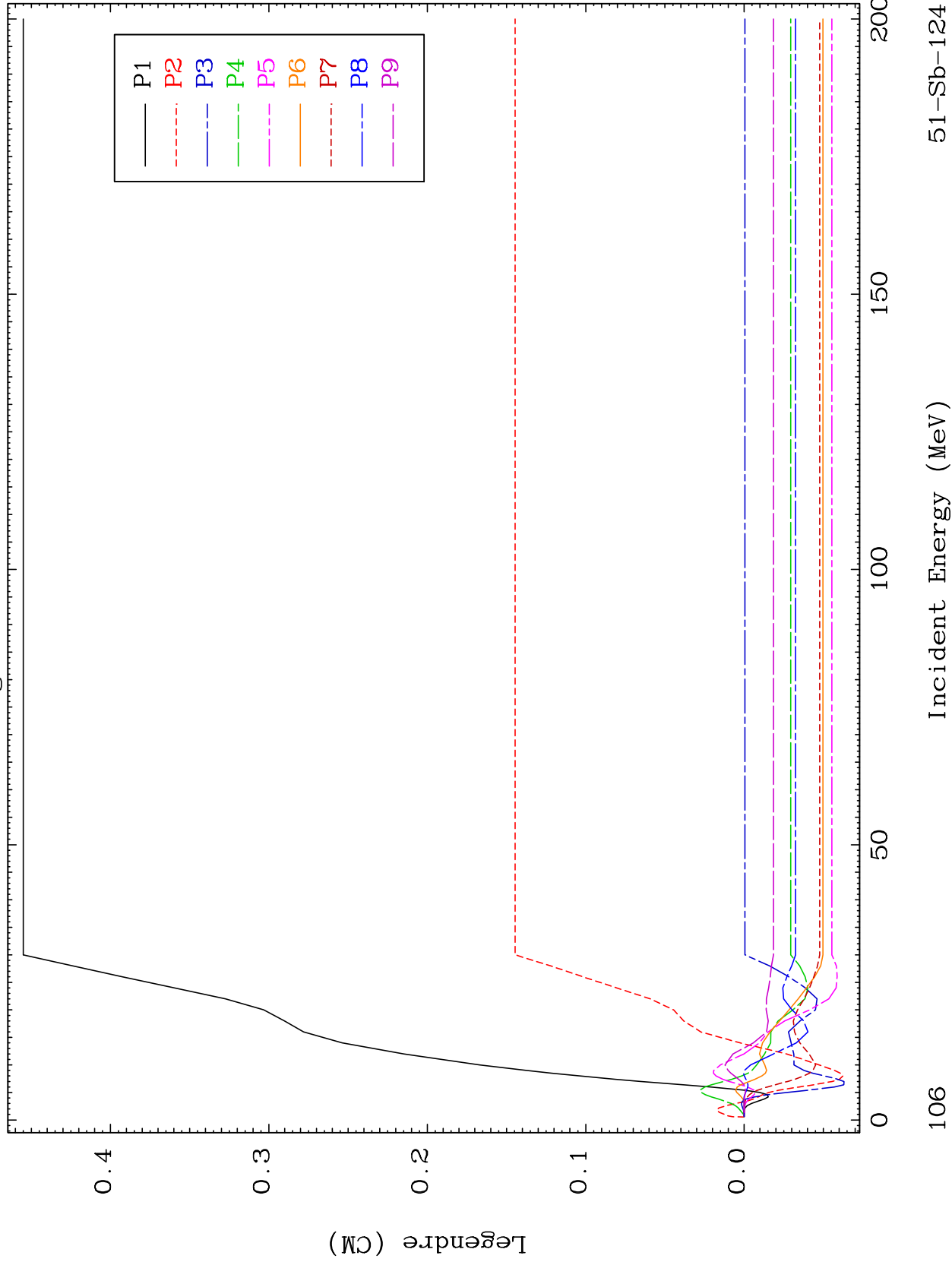
105

MAT 5134

MT= 77 (n,n') Level

51-Sb-124

Legendre Coefficients



51-Sb-124

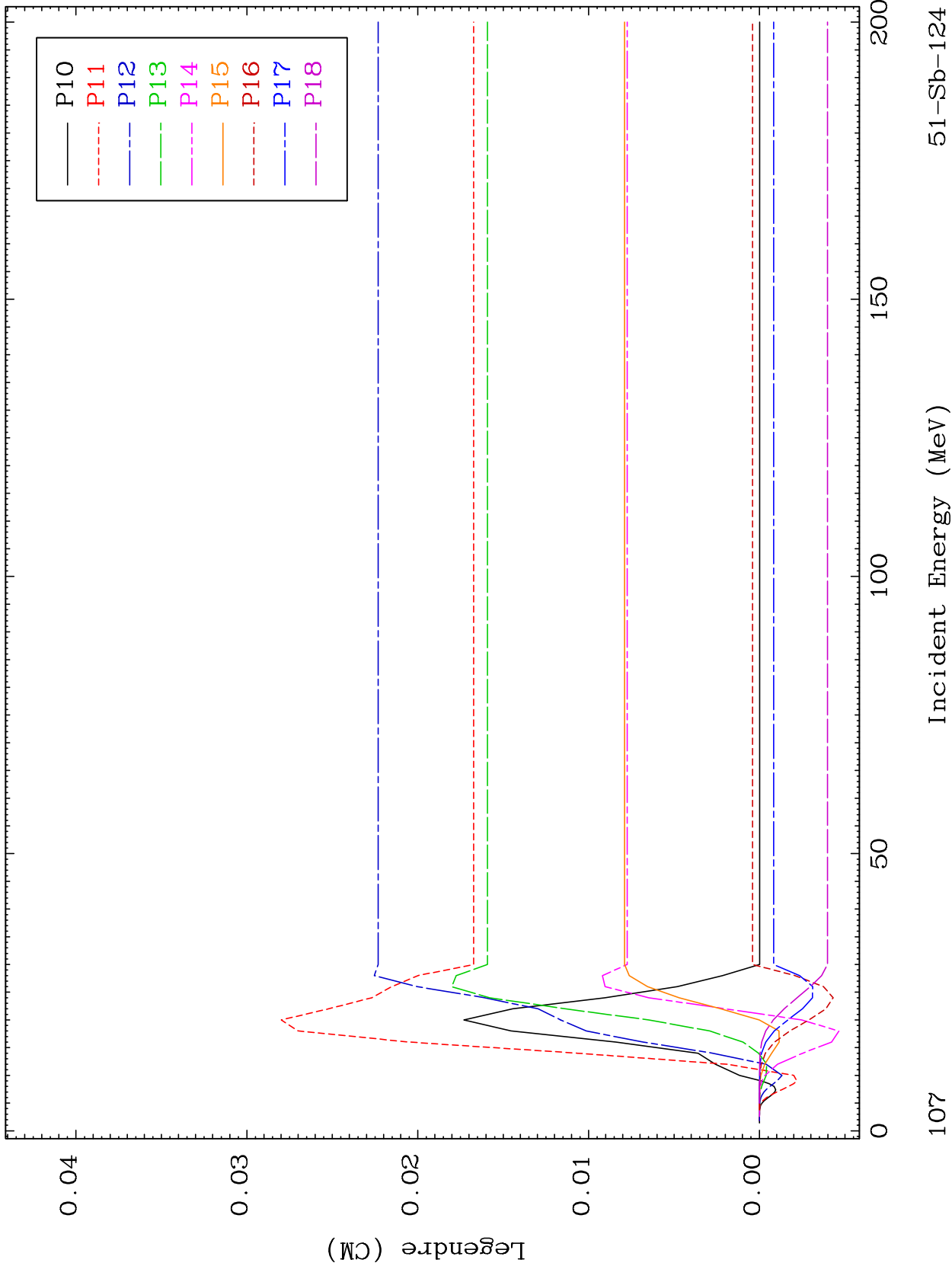
Incident Energy (MeV)

106

MAT 5134

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

51-Sb-124

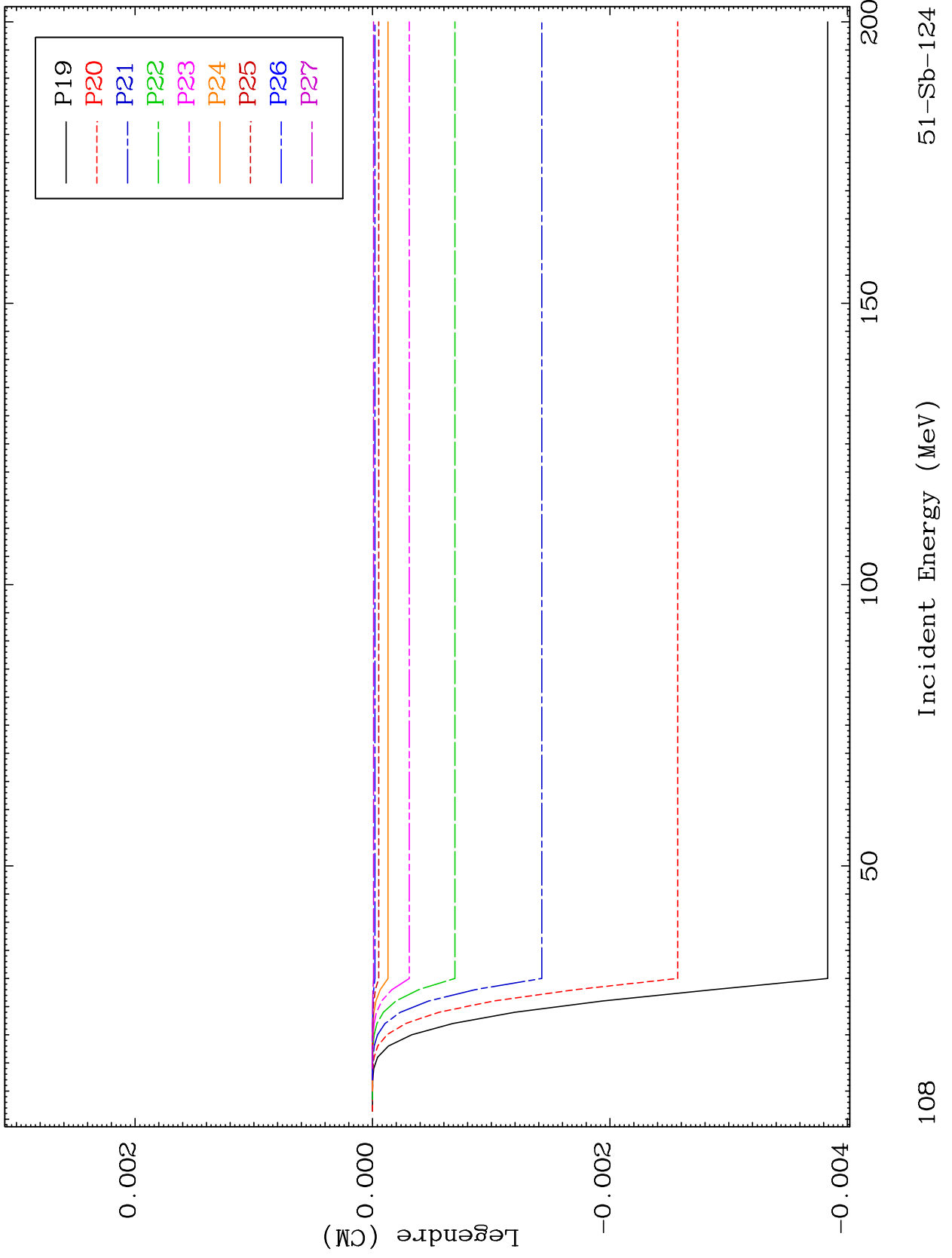


107

MAT 5134

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

51-Sb-124



108

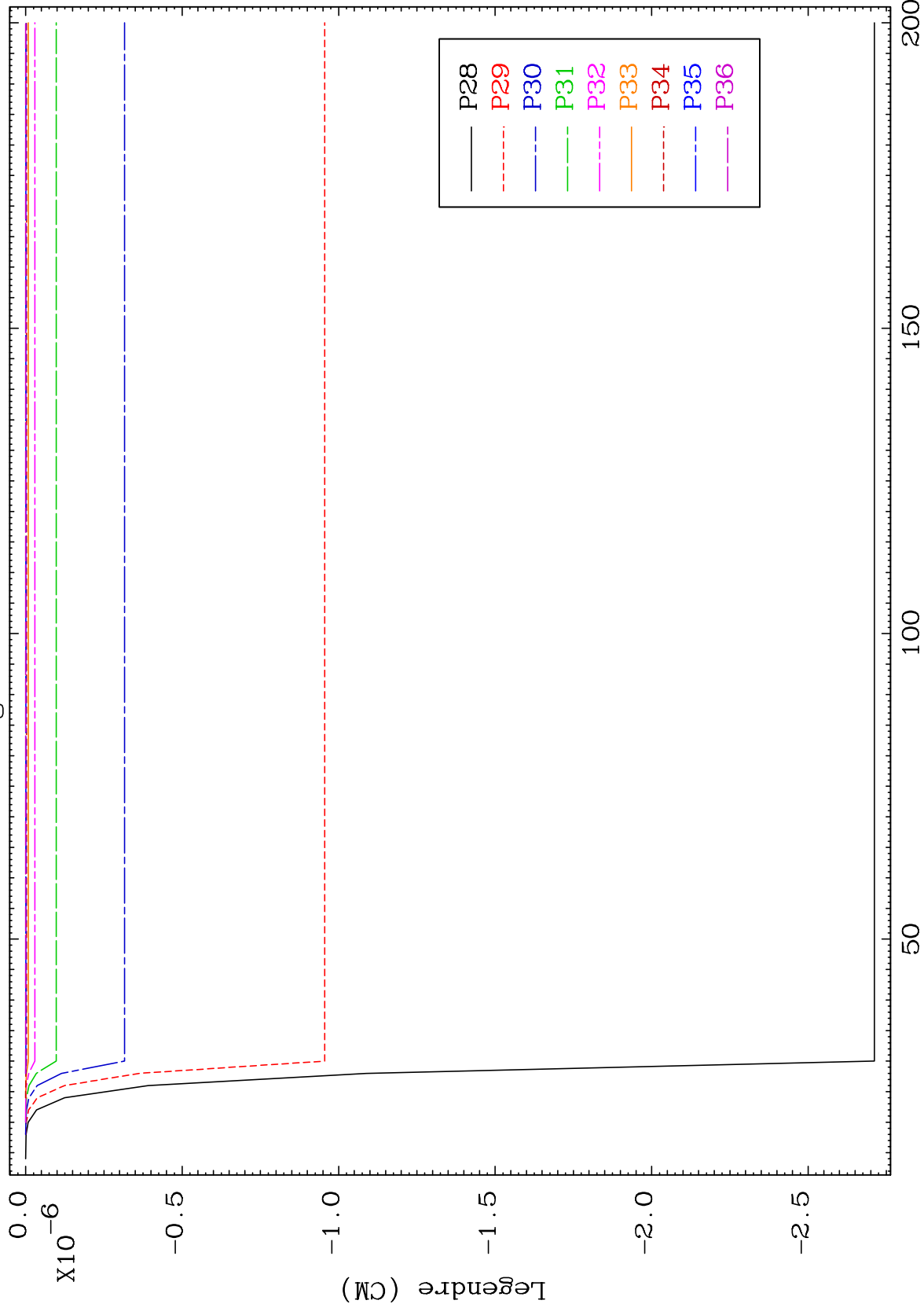
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



109

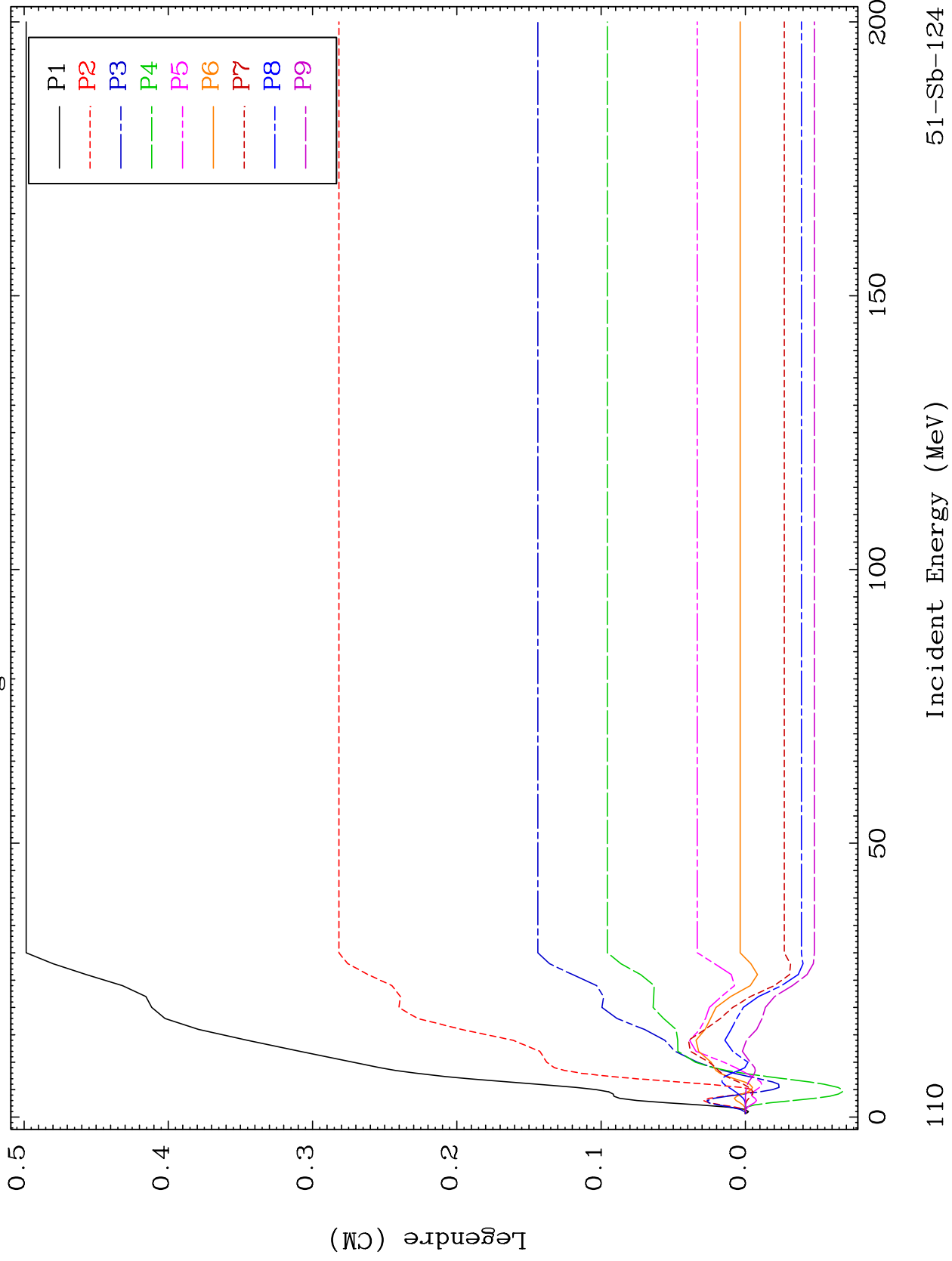
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

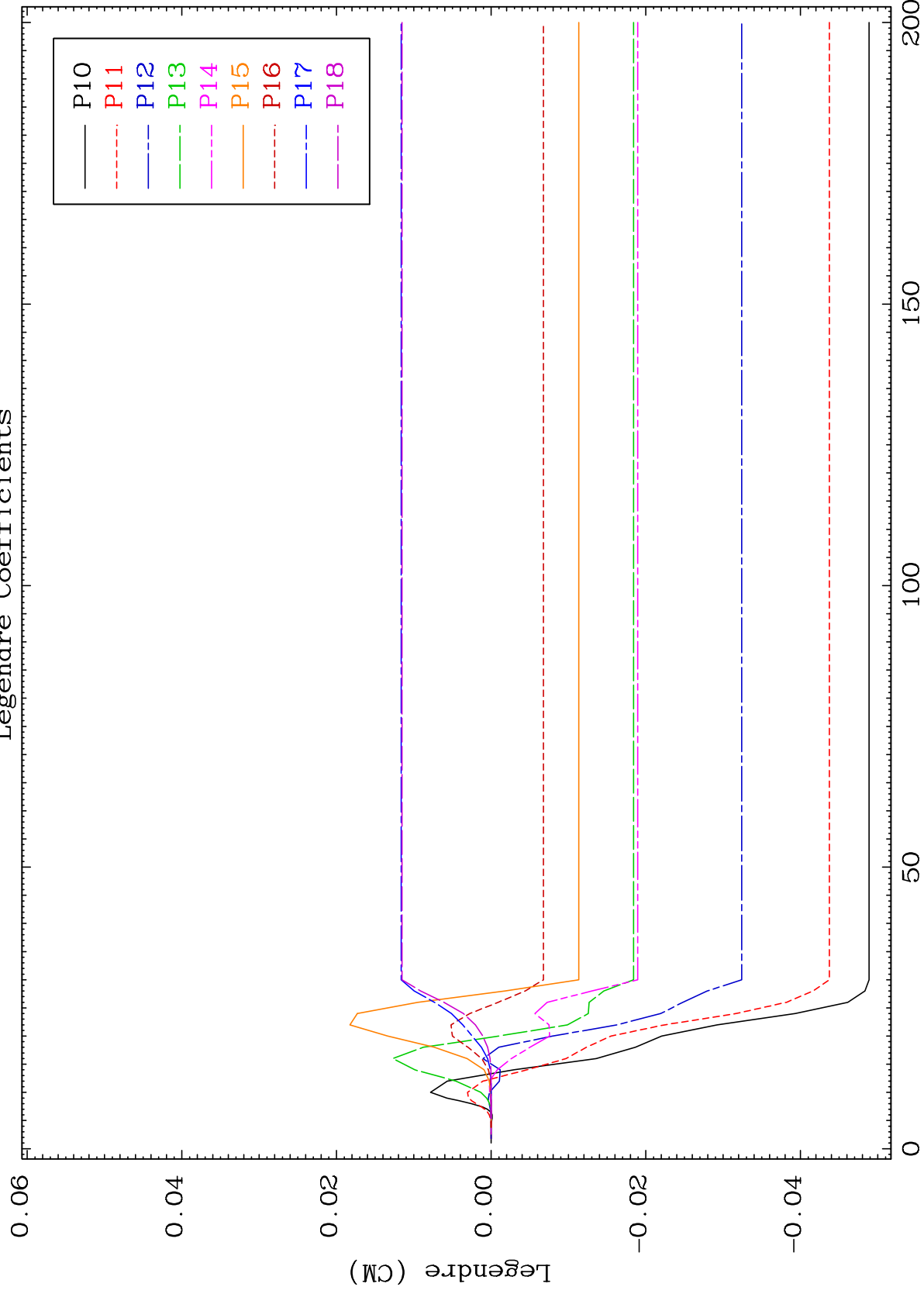
51-Sb-124



MAT 5134

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

51-Sb-124



111

Incident Energy (MeV)

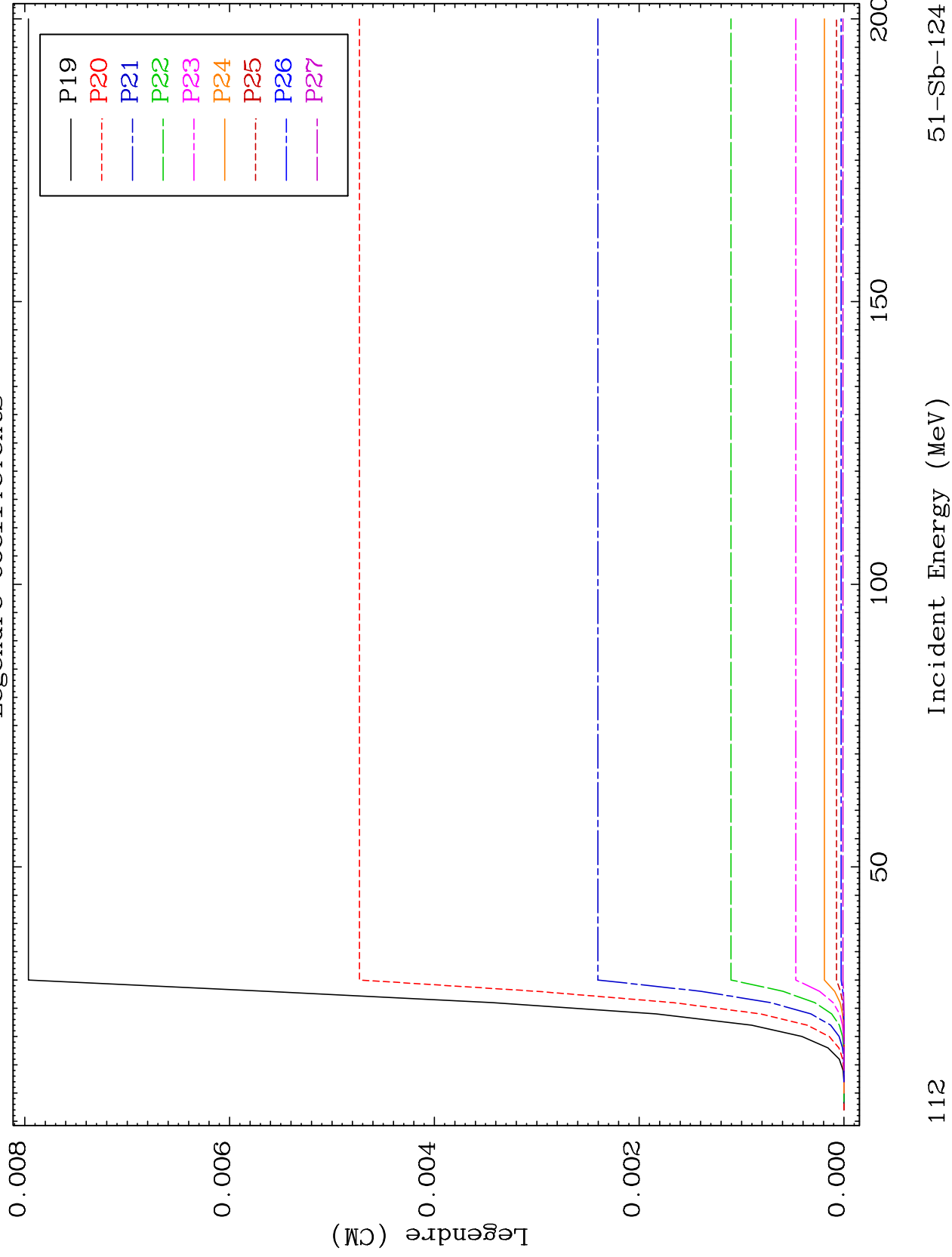
51-Sb-124



MAT 5134

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

51-Sb-124



112

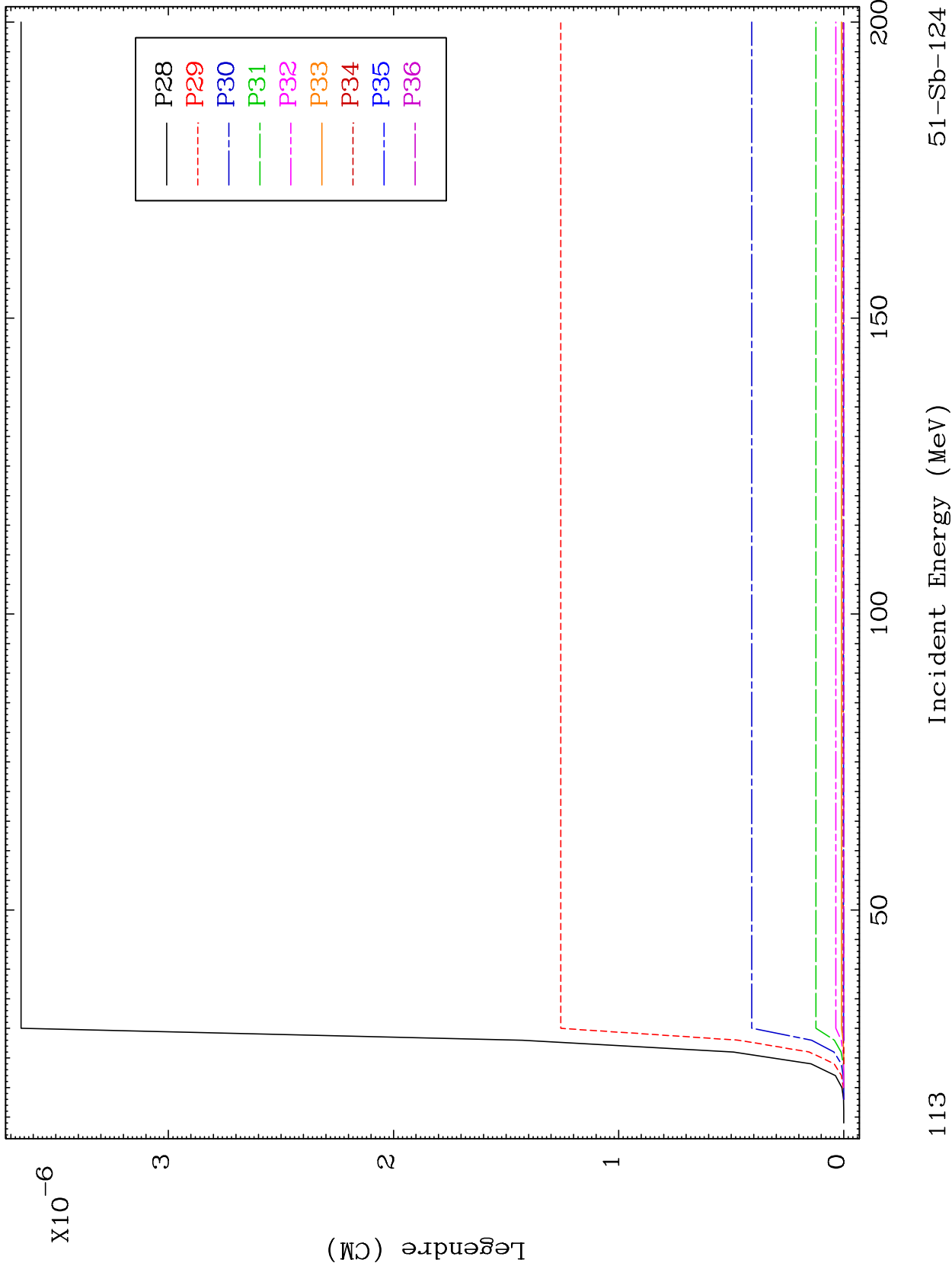
Incident Energy (MeV)

51-Sb-124

MAT 5134

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

51-Sb-124



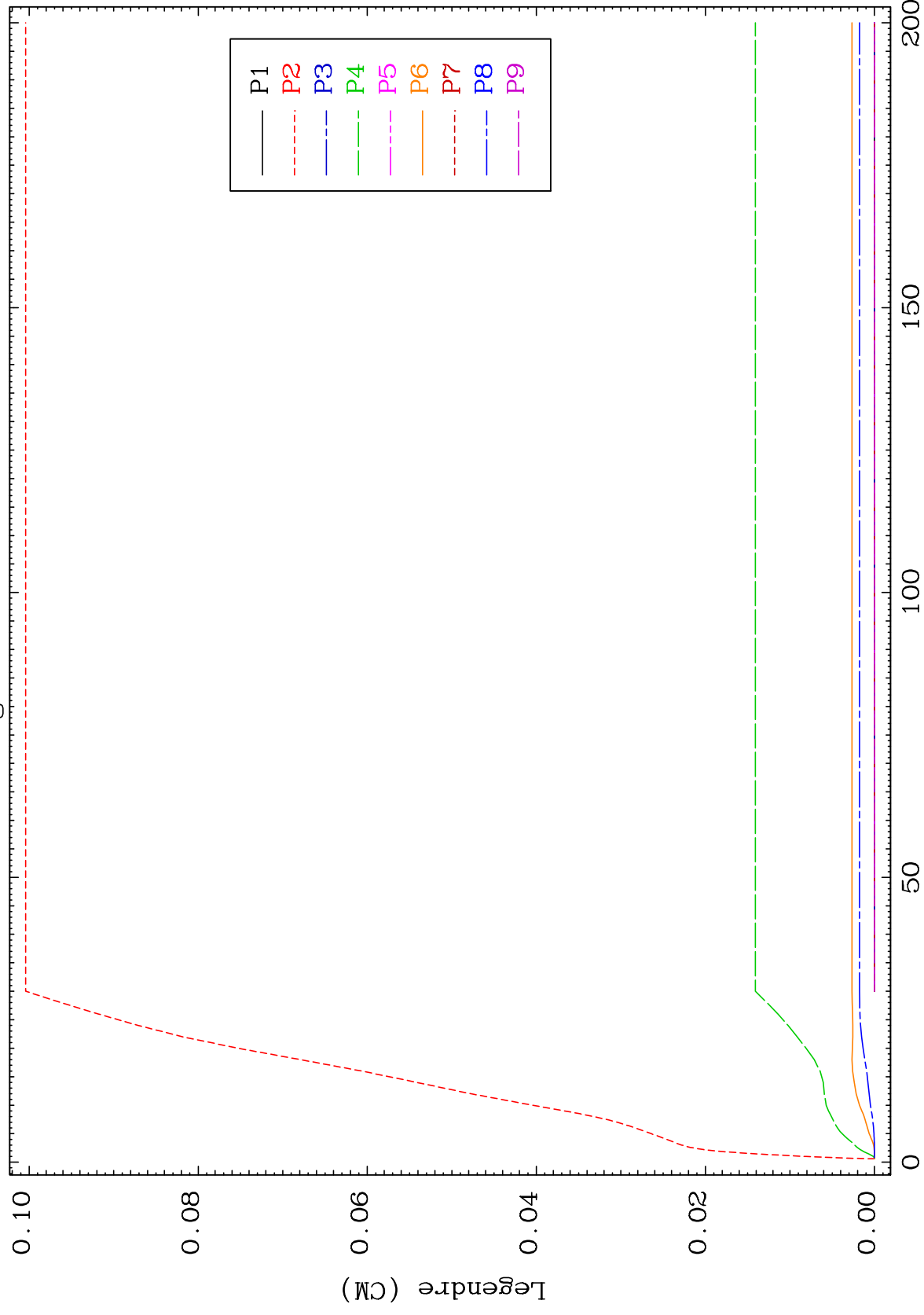
113

51-Sb-124

MAT 5134

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

51-Sb-124



51-Sb-124

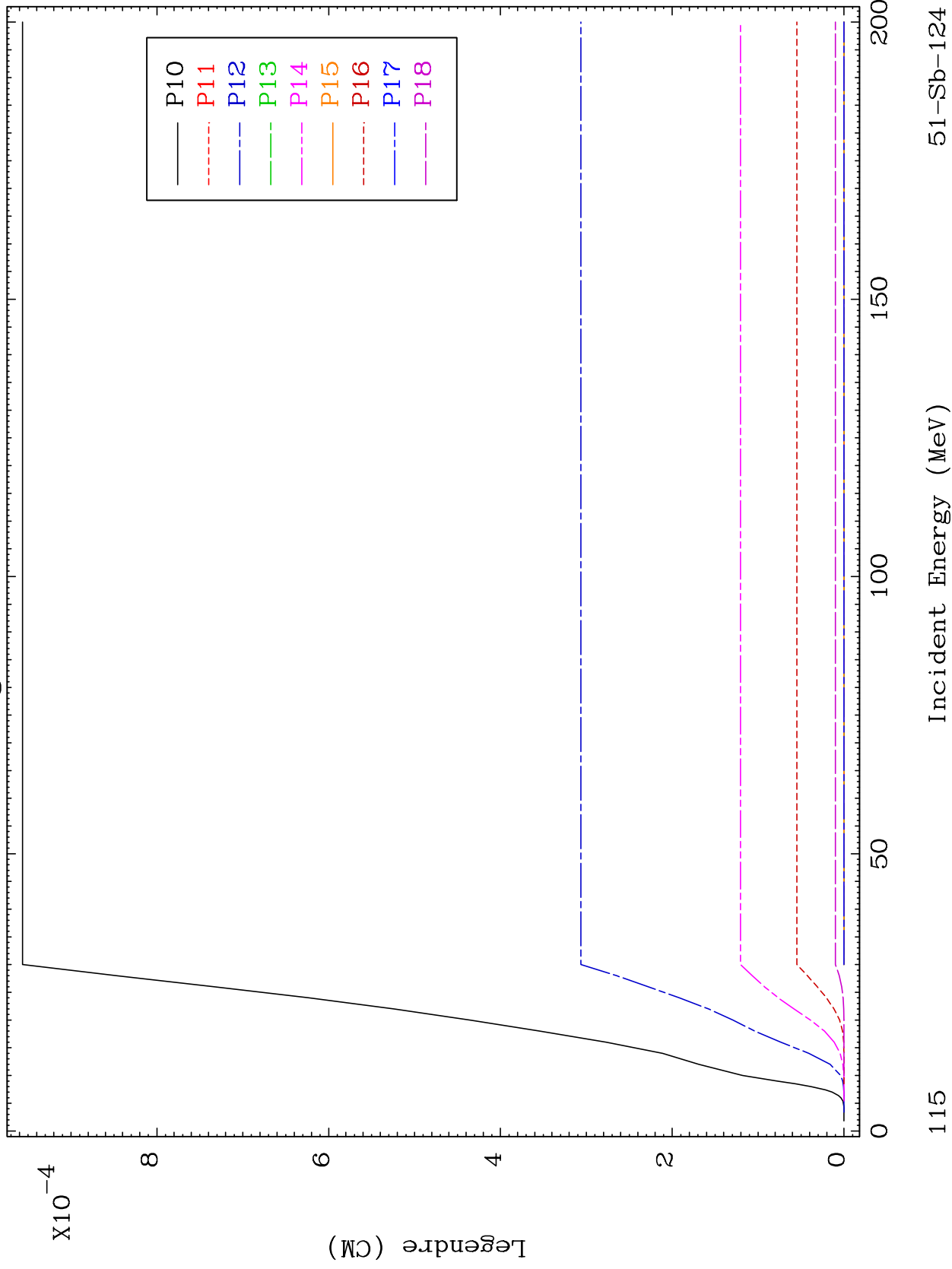
Incident Energy (MeV)

114

MAT 5134

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

51-Sb-124



51-Sb-124

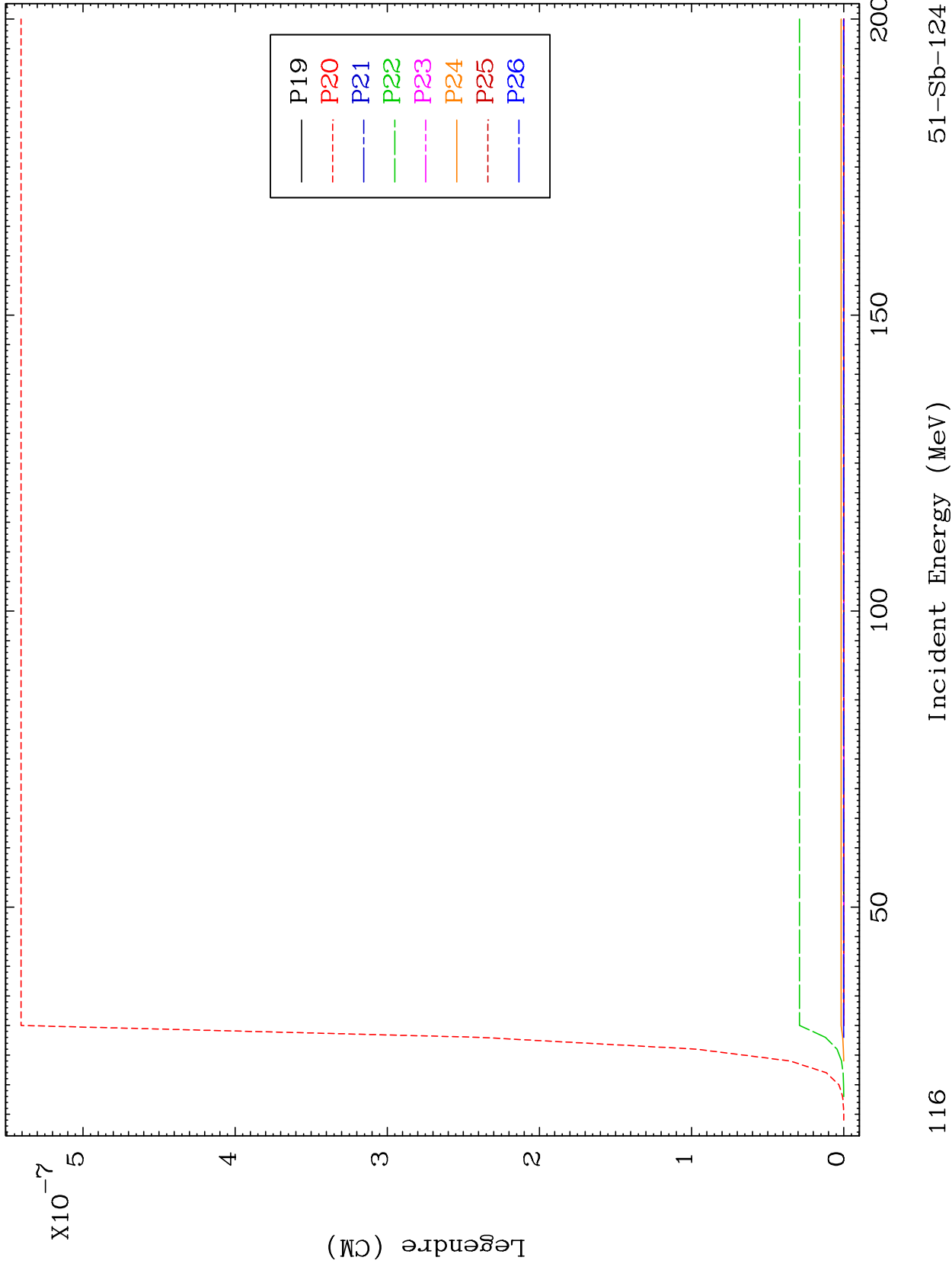
Incident Energy (MeV)

115

MAT 5134

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

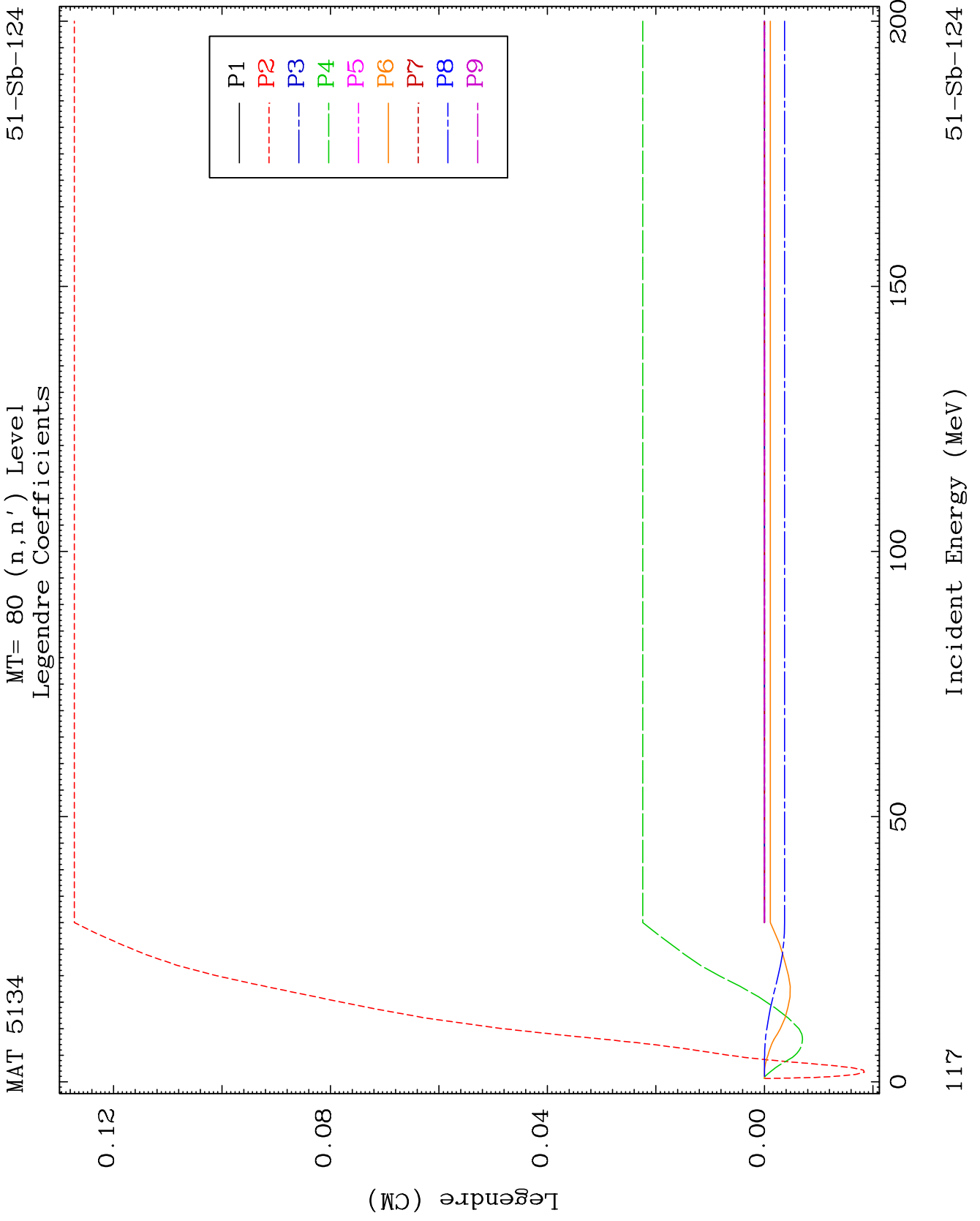
51-Sb-124



116

Incident Energy (MeV)

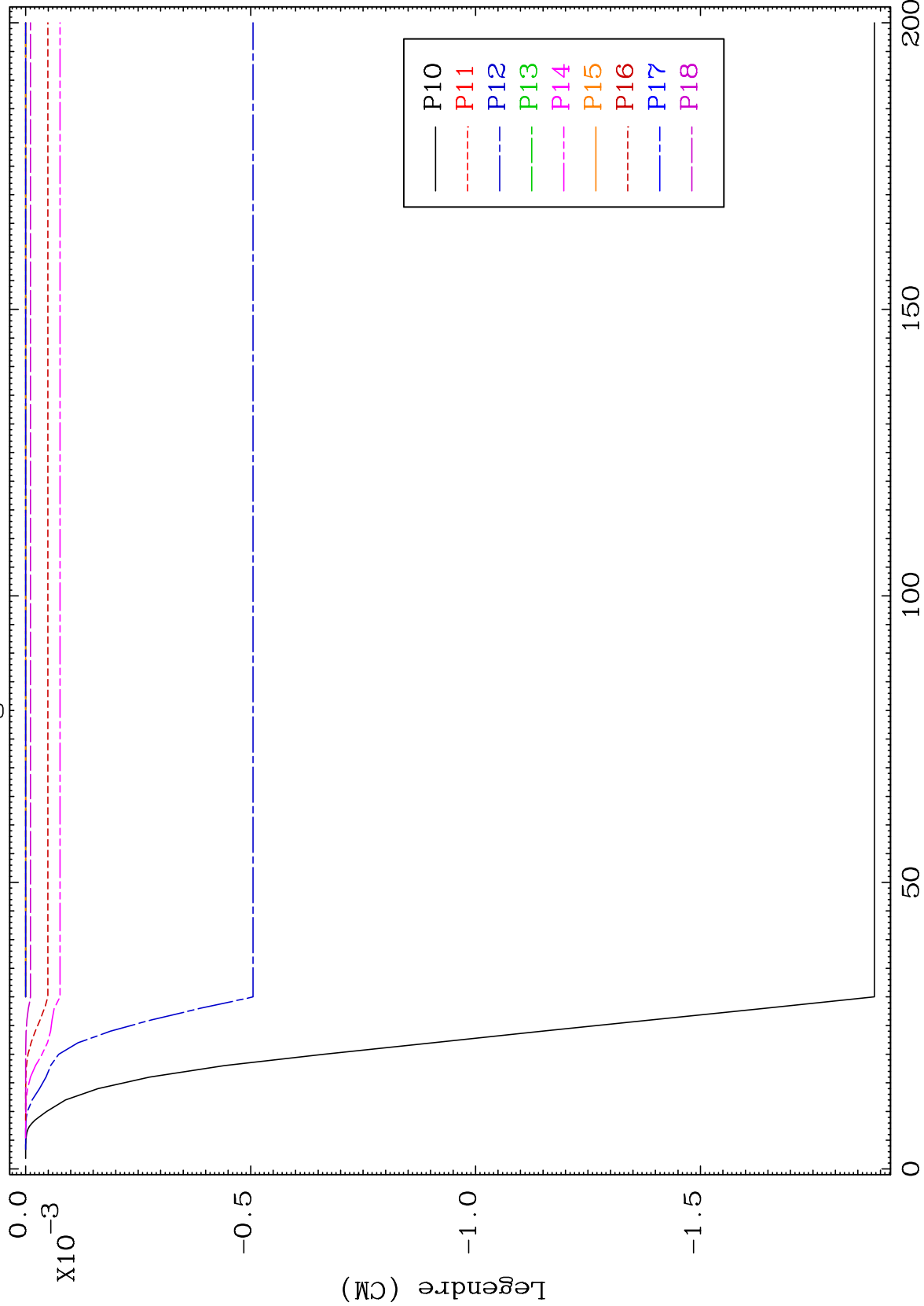
51-Sb-124



MAT 5134

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

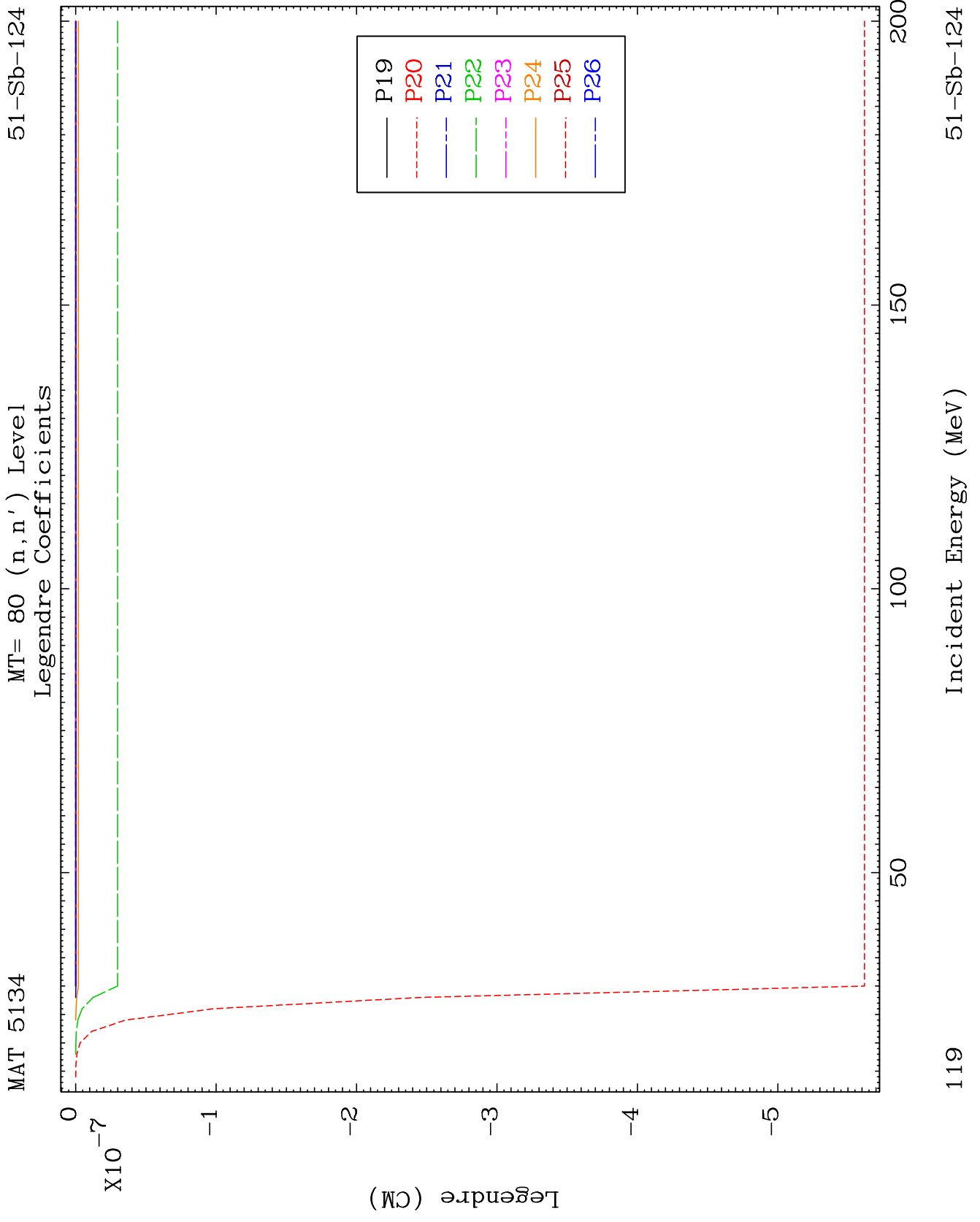
51-Sb-124



118

Incident Energy (MeV)

51-Sb-124

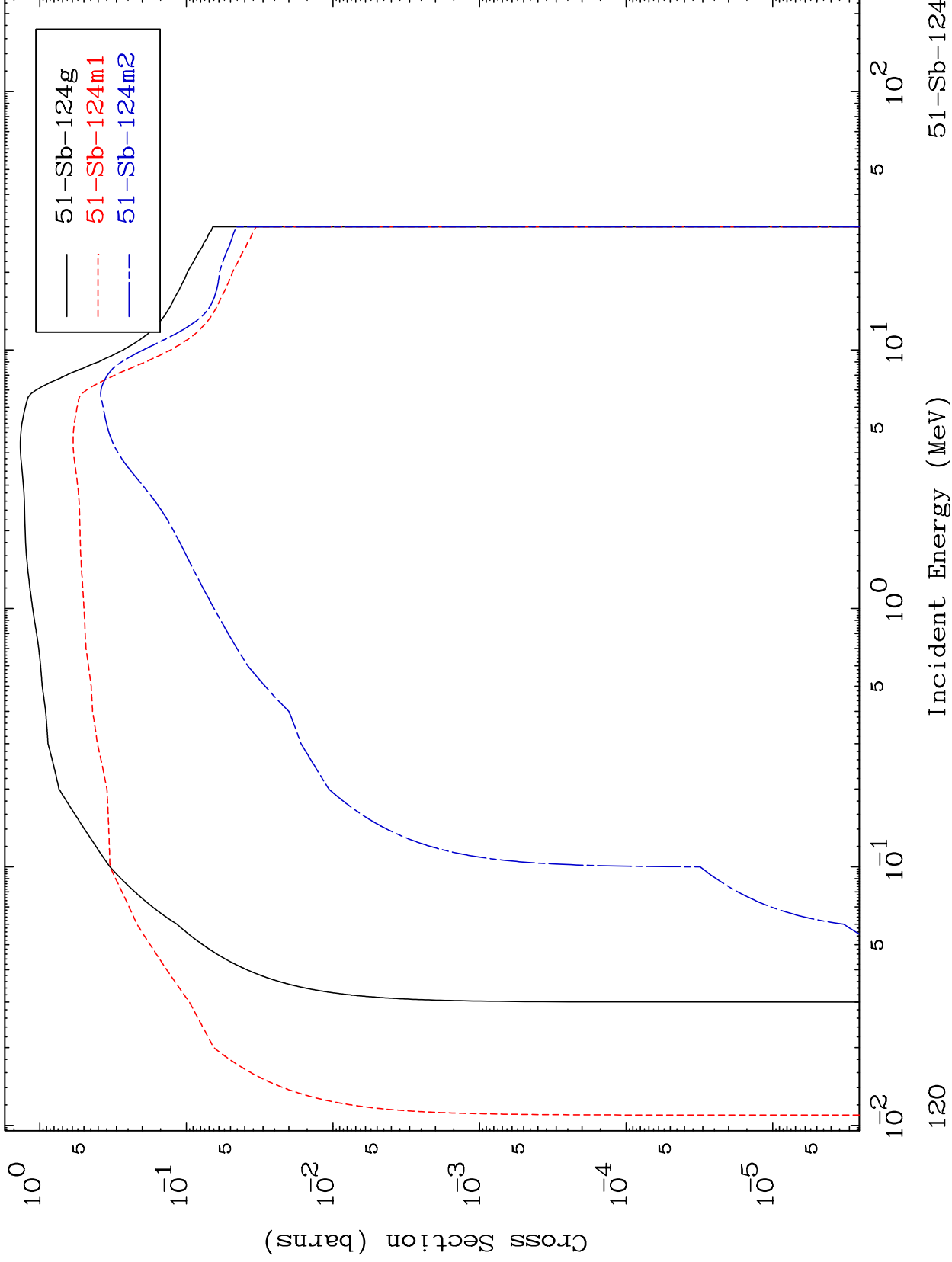




MAT 5134

51-Sb-124

Inelastic  
Radionuclide Production Cross Section

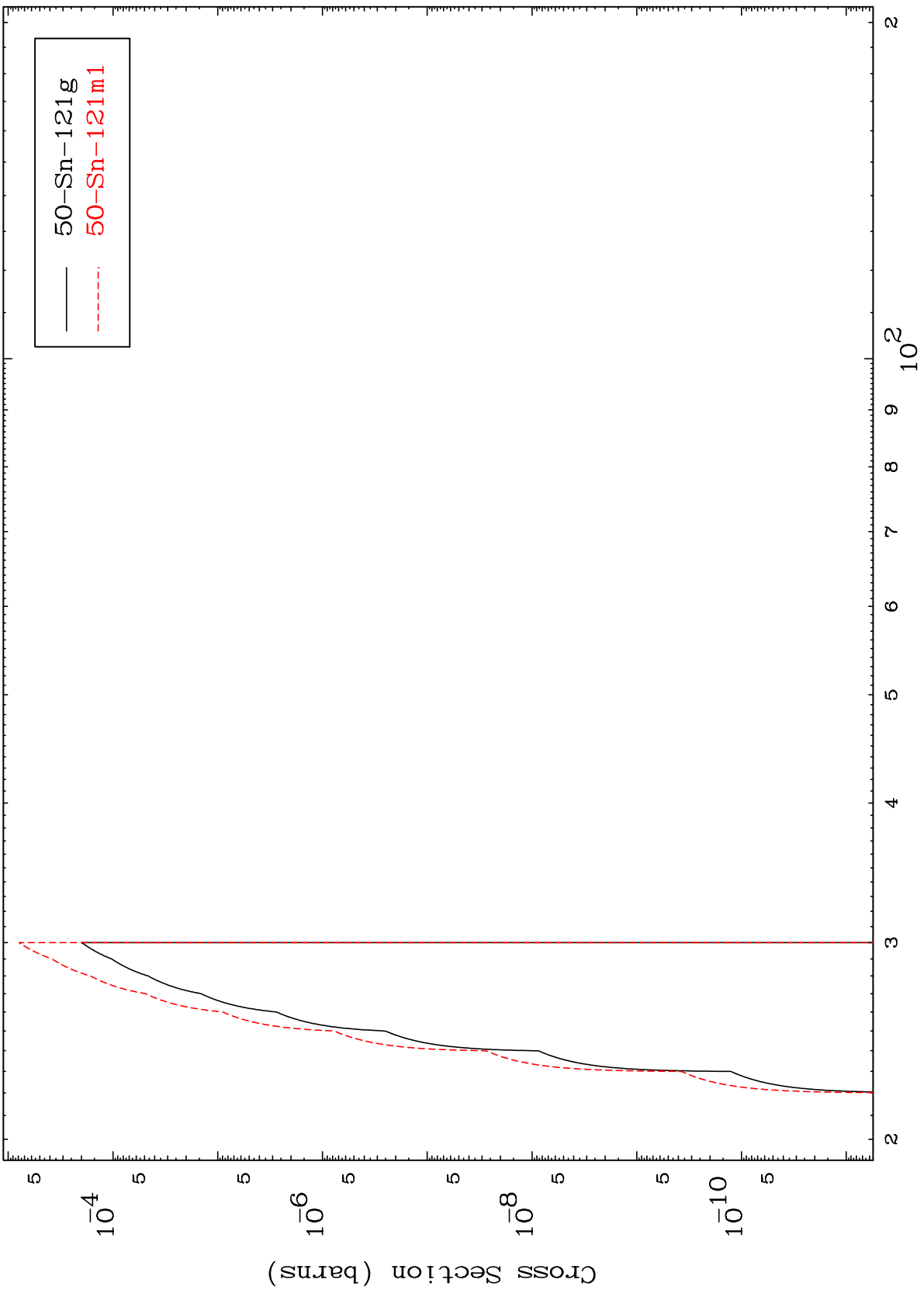


MAT 5134

(n,2n) d

51-Sb-124

Radionuclide Production Cross Section



121

Incident Energy (MeV)

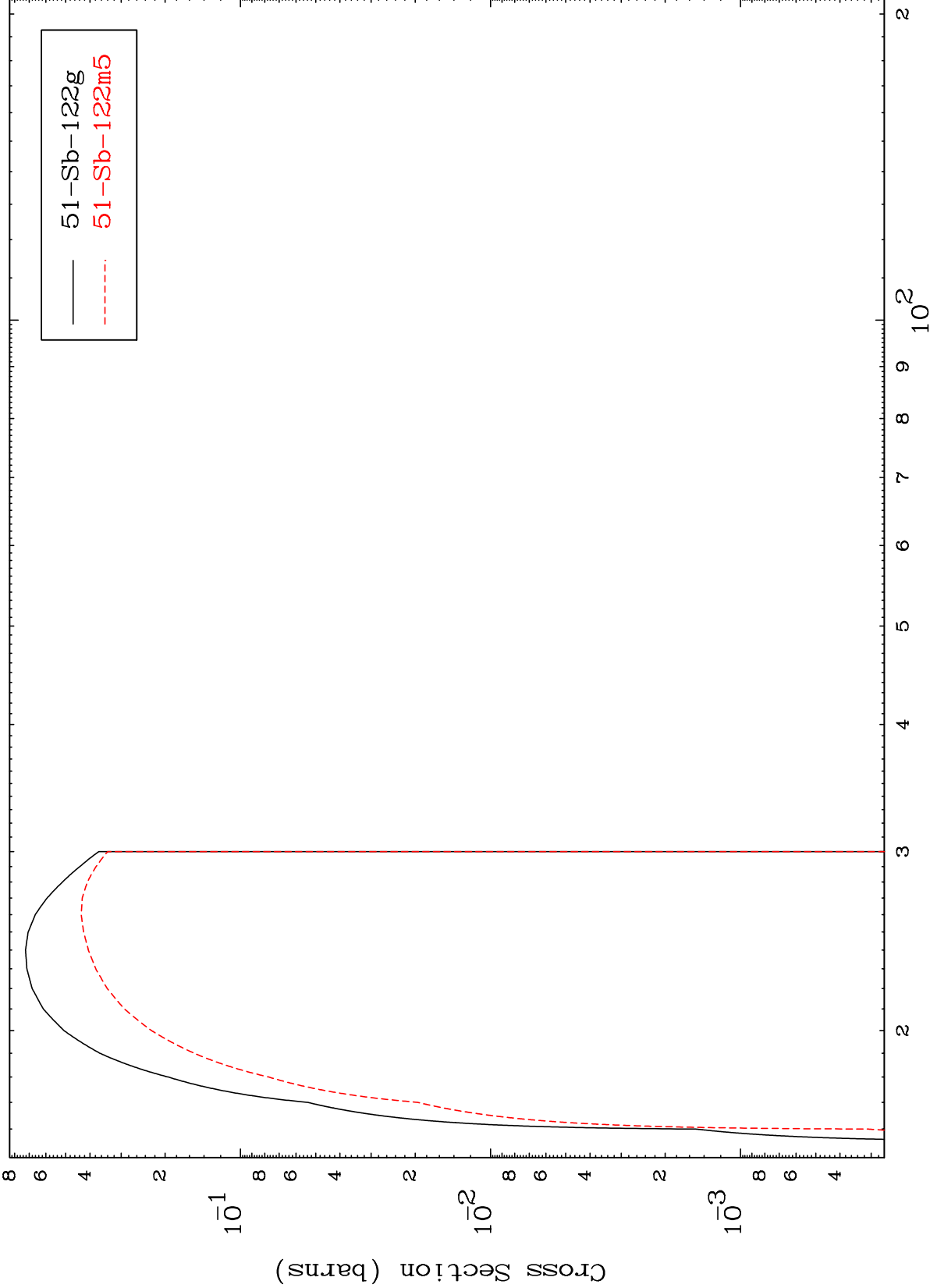
51-Sb-124

MAT 5134

(n,3n)

51-Sb-124

Radionuclide Production Cross Section



51-Sb-122g  
51-Sb-122m5

122

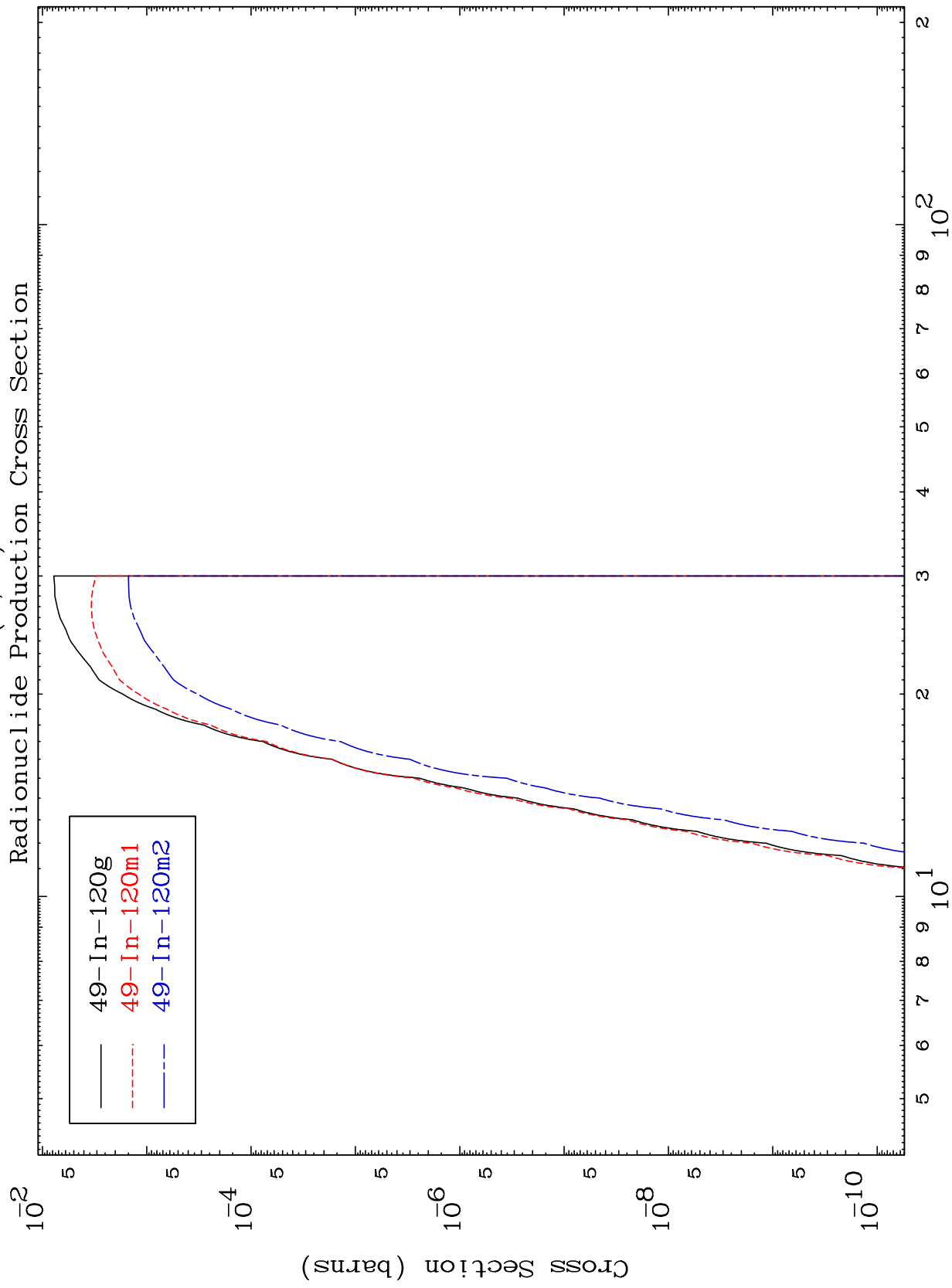
Incident Energy (MeV)

51-Sb-124

MAT 5134

(n,n')  $\alpha$

51-Sb-124



123

Incident Energy (MeV)

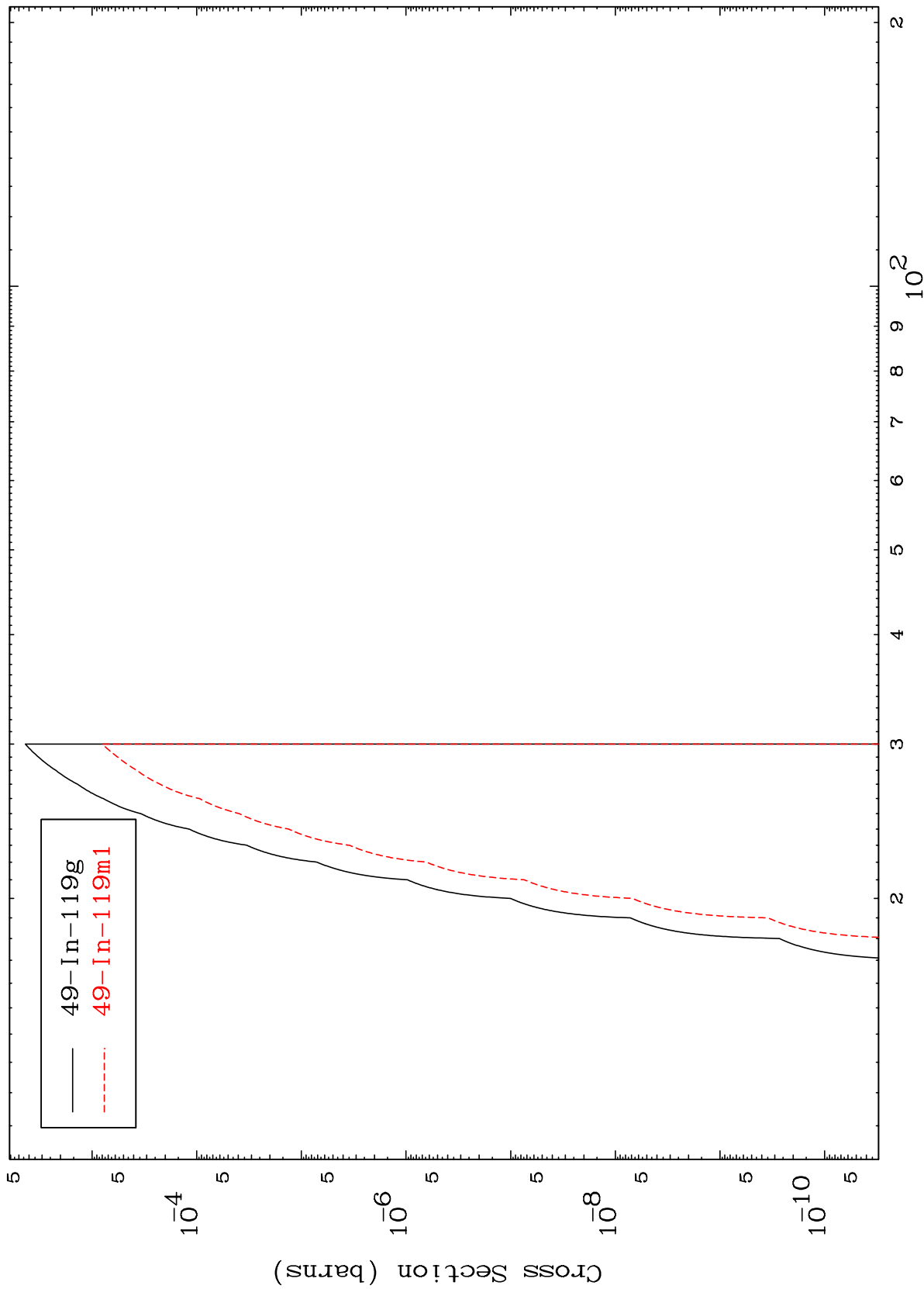
51-Sb-124

MAT 5134

(n,2n)  $\alpha$

51-Sb-124

Radionuclide Production Cross Section



124

Incident Energy (MeV)

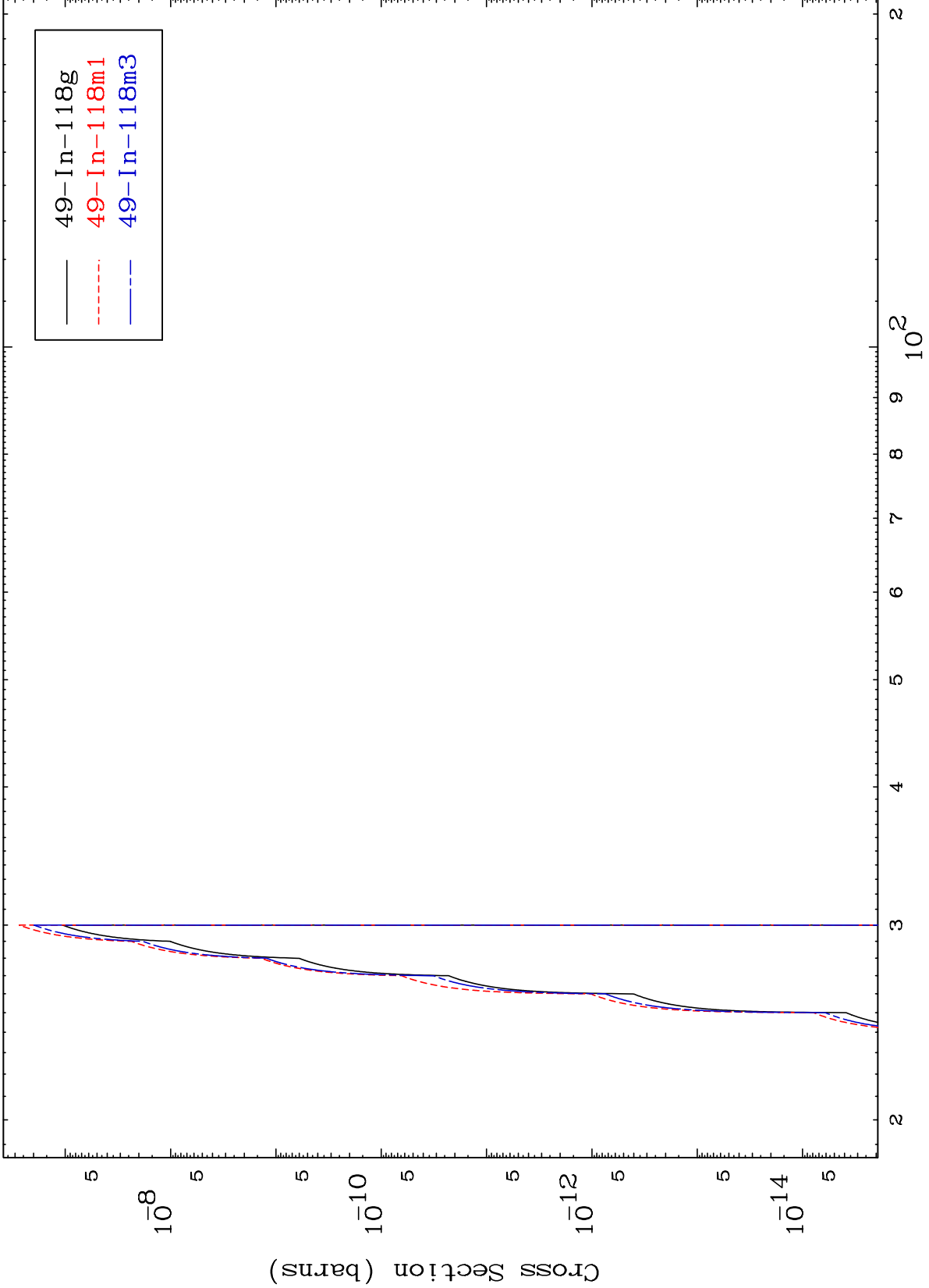
51-Sb-124

MAT 5134

(n,3n)  $\alpha$

51-Sb-124

Radionuclide Production Cross Section



125

Incident Energy (MeV)

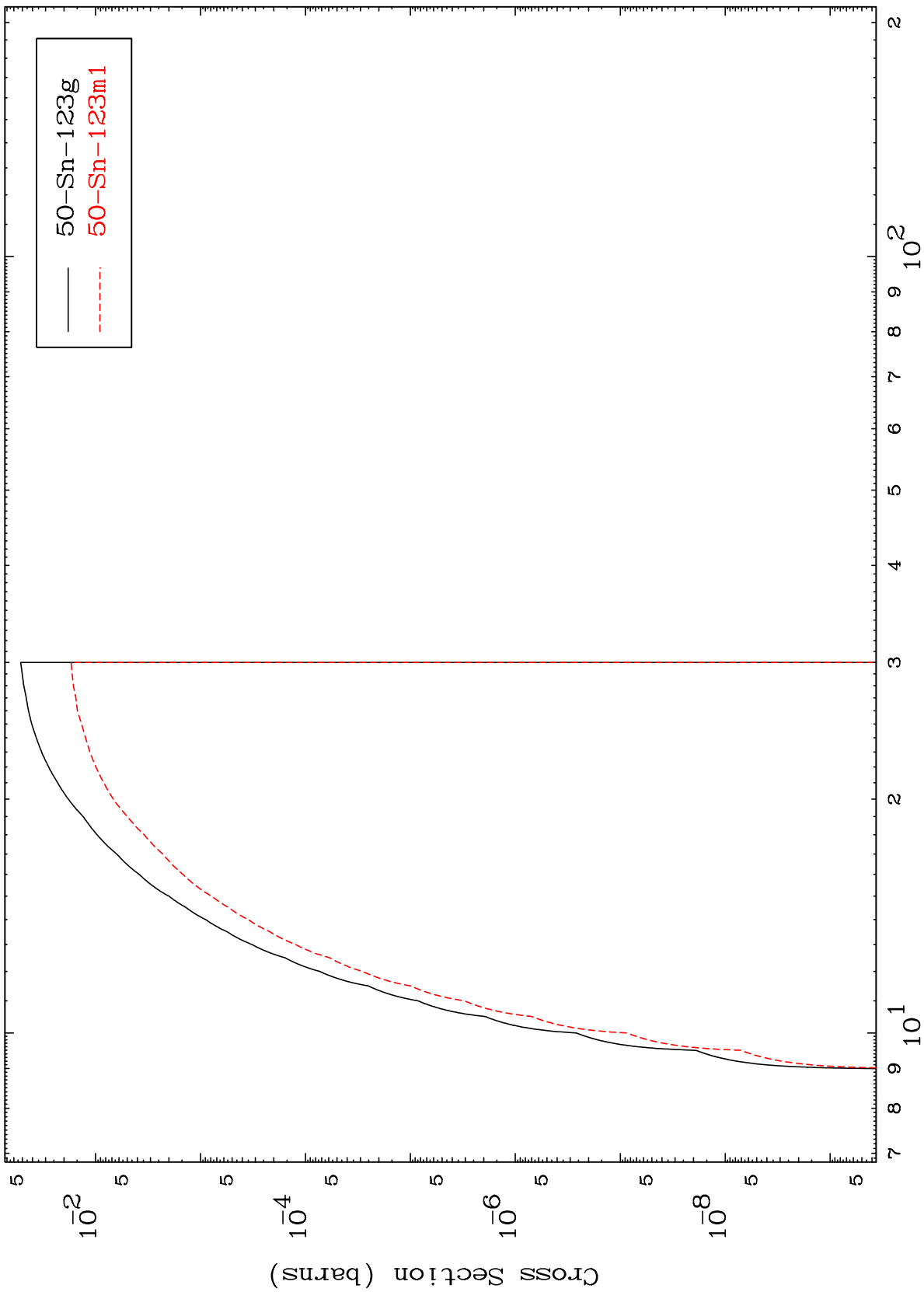
51-Sb-124

MAT 5134

(n,n') p

51-Sb-124

Radionuclide Production Cross Section

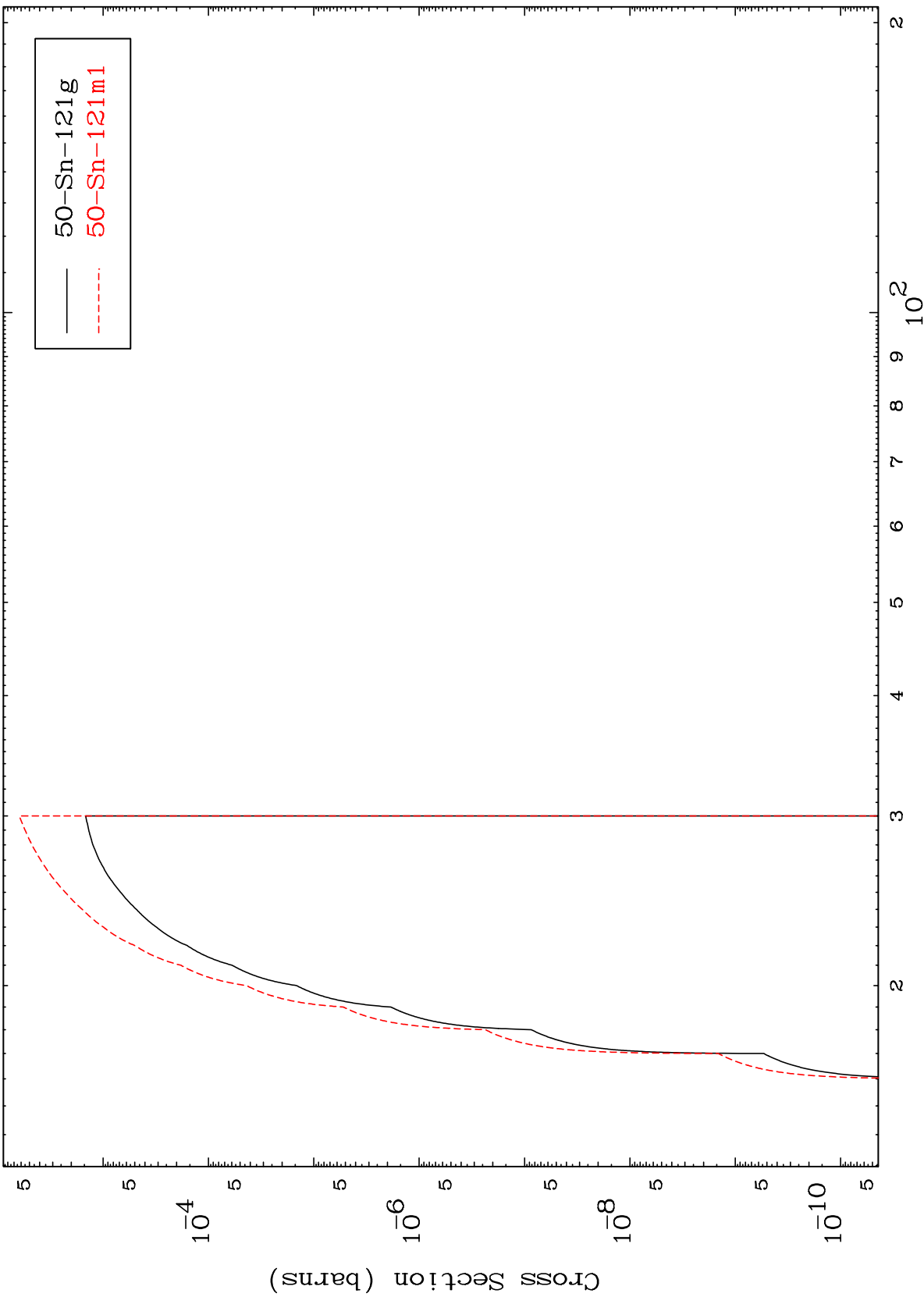


126

Incident Energy (MeV)

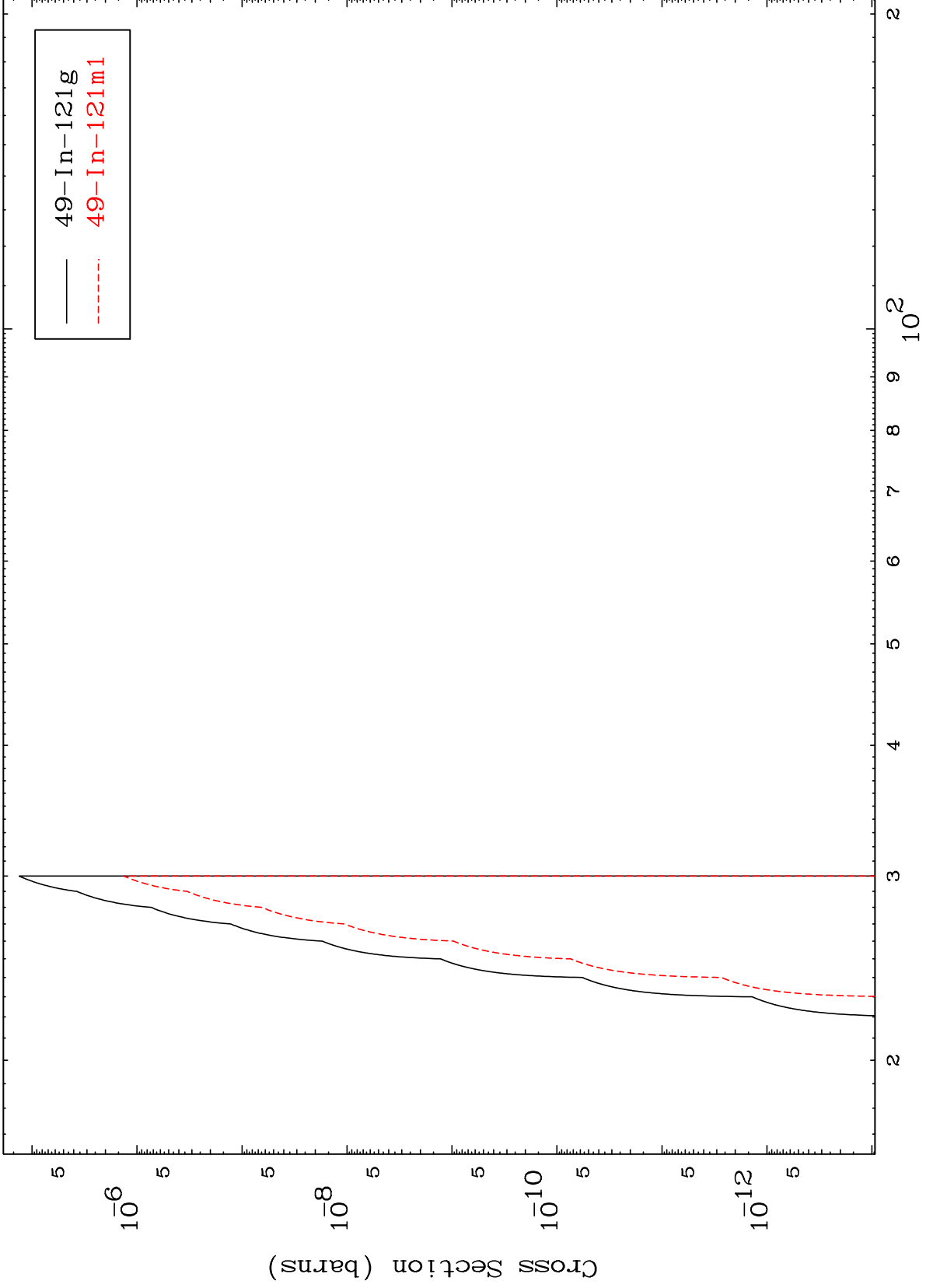
51-Sb-124

Radionuclide Production Cross Section

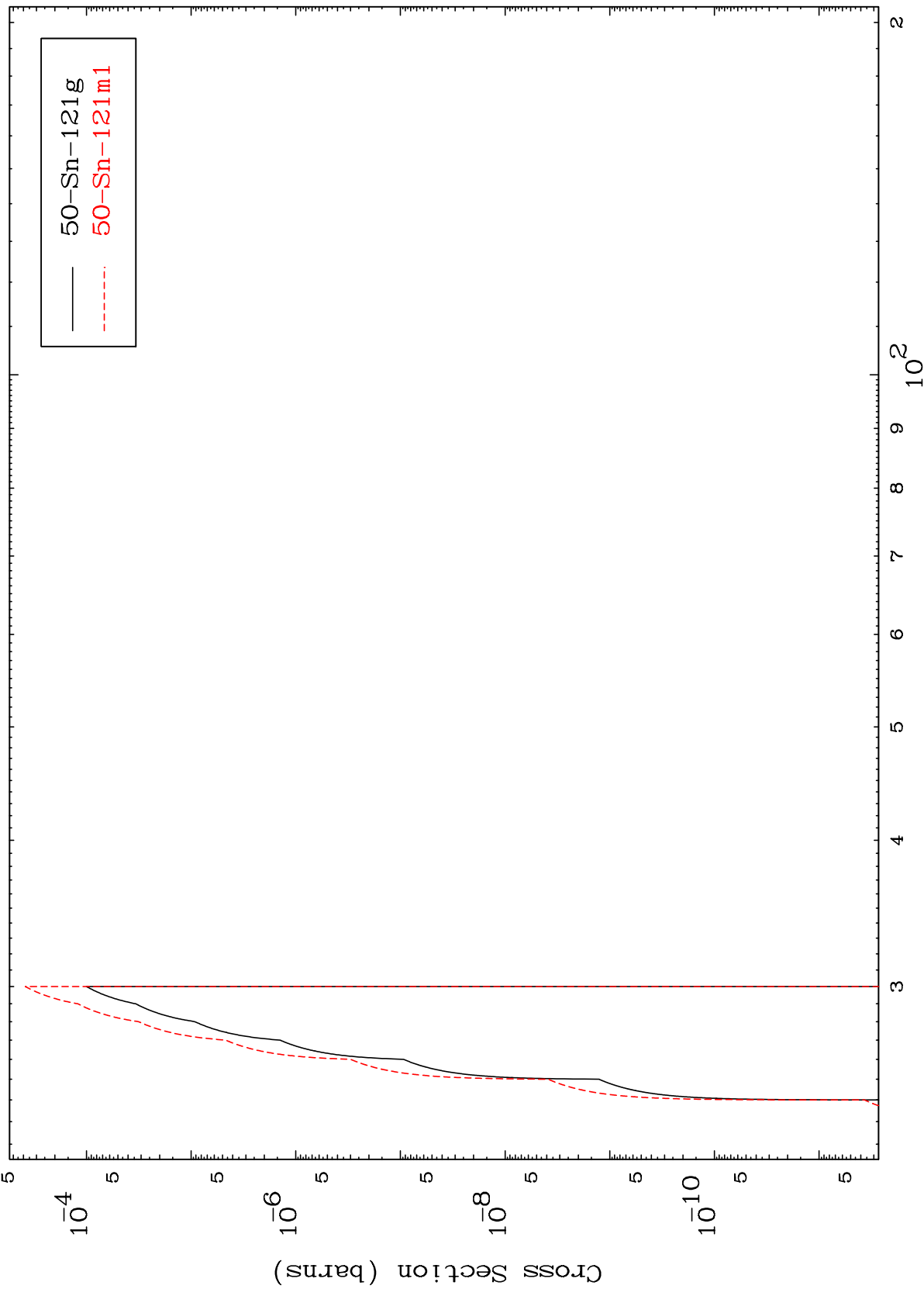




Radionuclide Production Cross Section



Radionuclide Production Cross Section

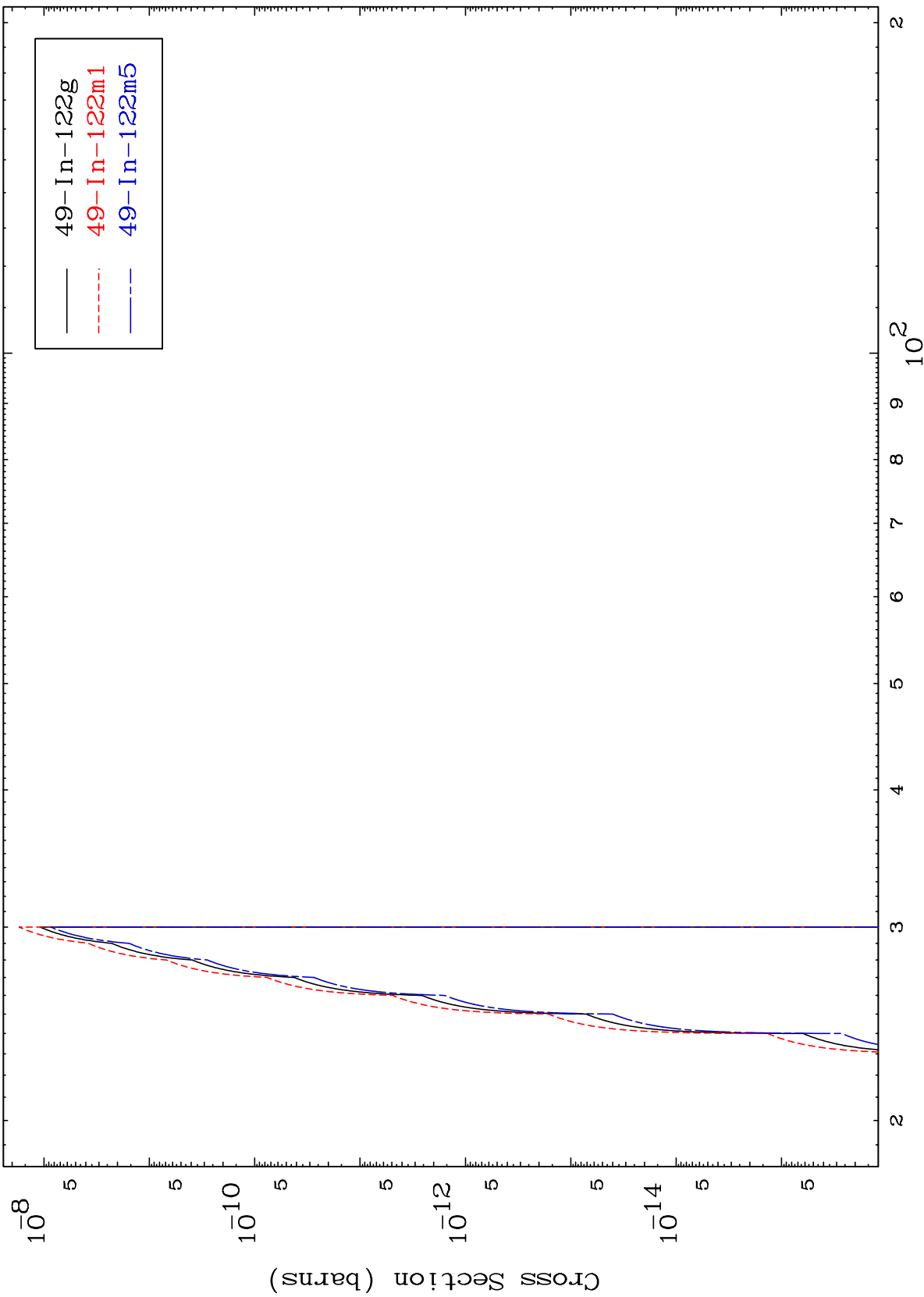


MAT 5134

(n,2n) p

51-Sb-124

Radionuclide Production Cross Section



130

Incident Energy (MeV)

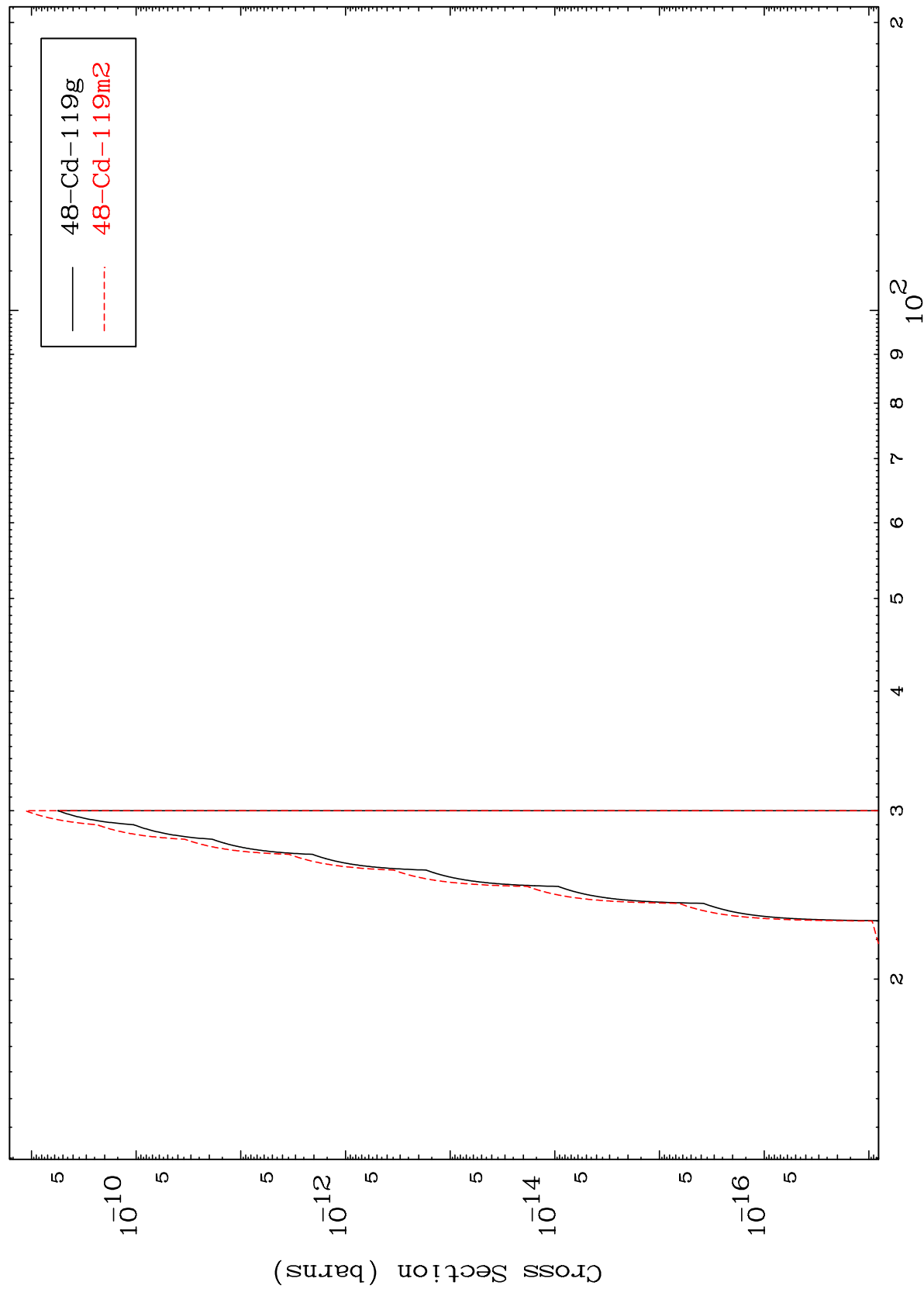
51-Sb-124

MAT 5134

(n,n') p  $\alpha$

51-Sb-124

Radionuclide Production Cross Section



131

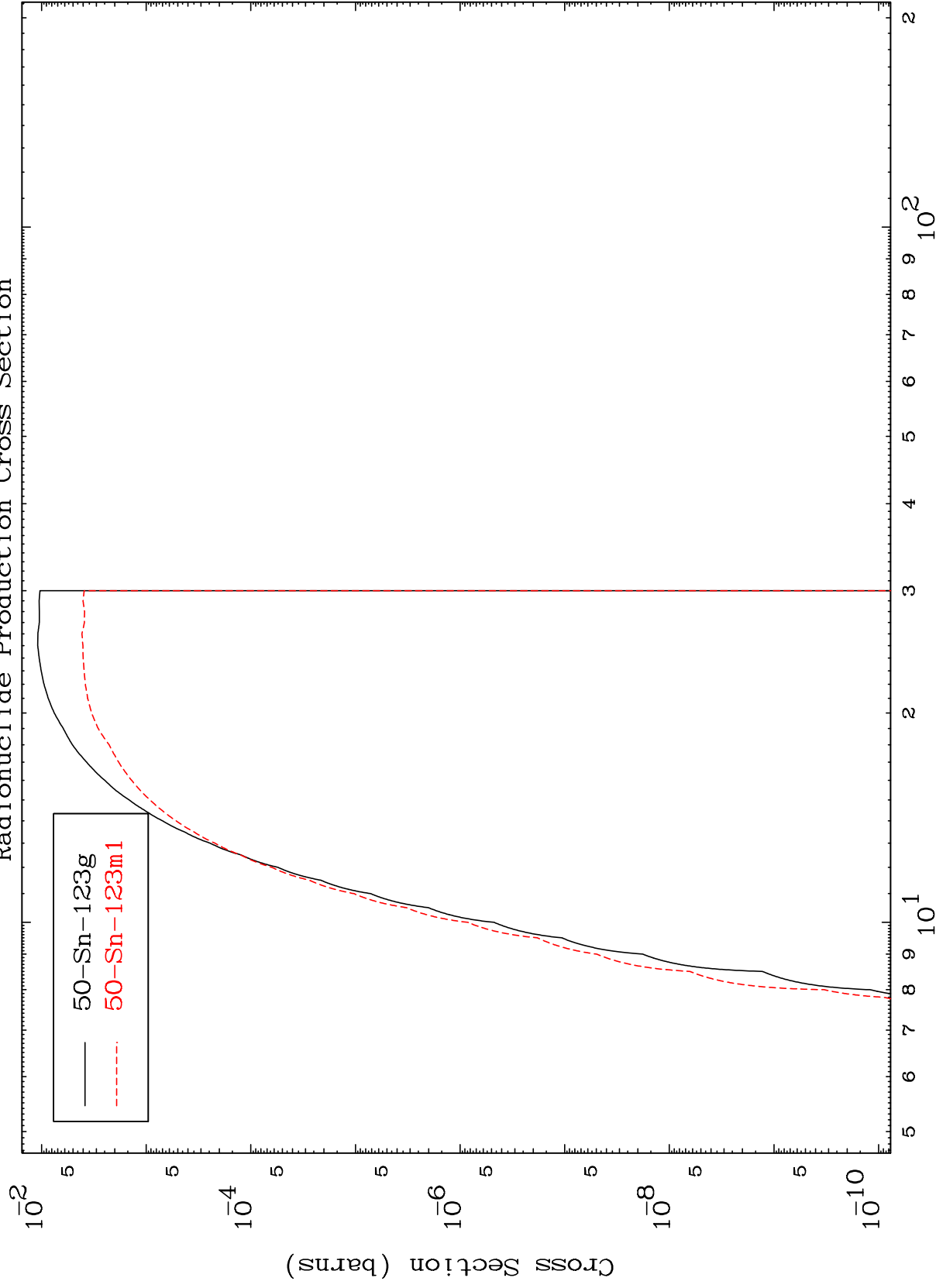
Incident Energy (MeV)

51-Sb-124

MAT 5134

51-Sb-124

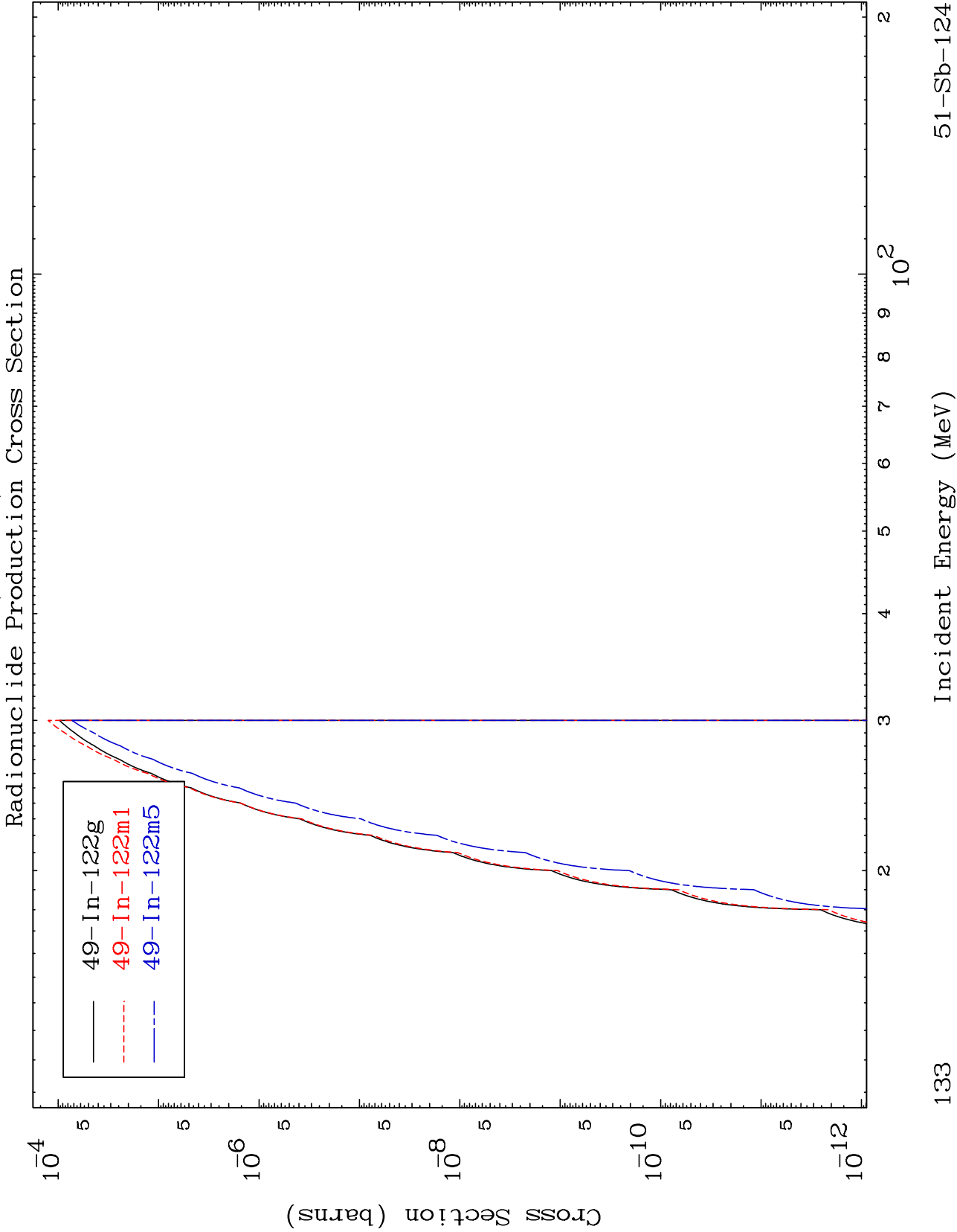
(n,d)  
Radionuclide Production Cross Section



51-Sb-124

Incident Energy (MeV)

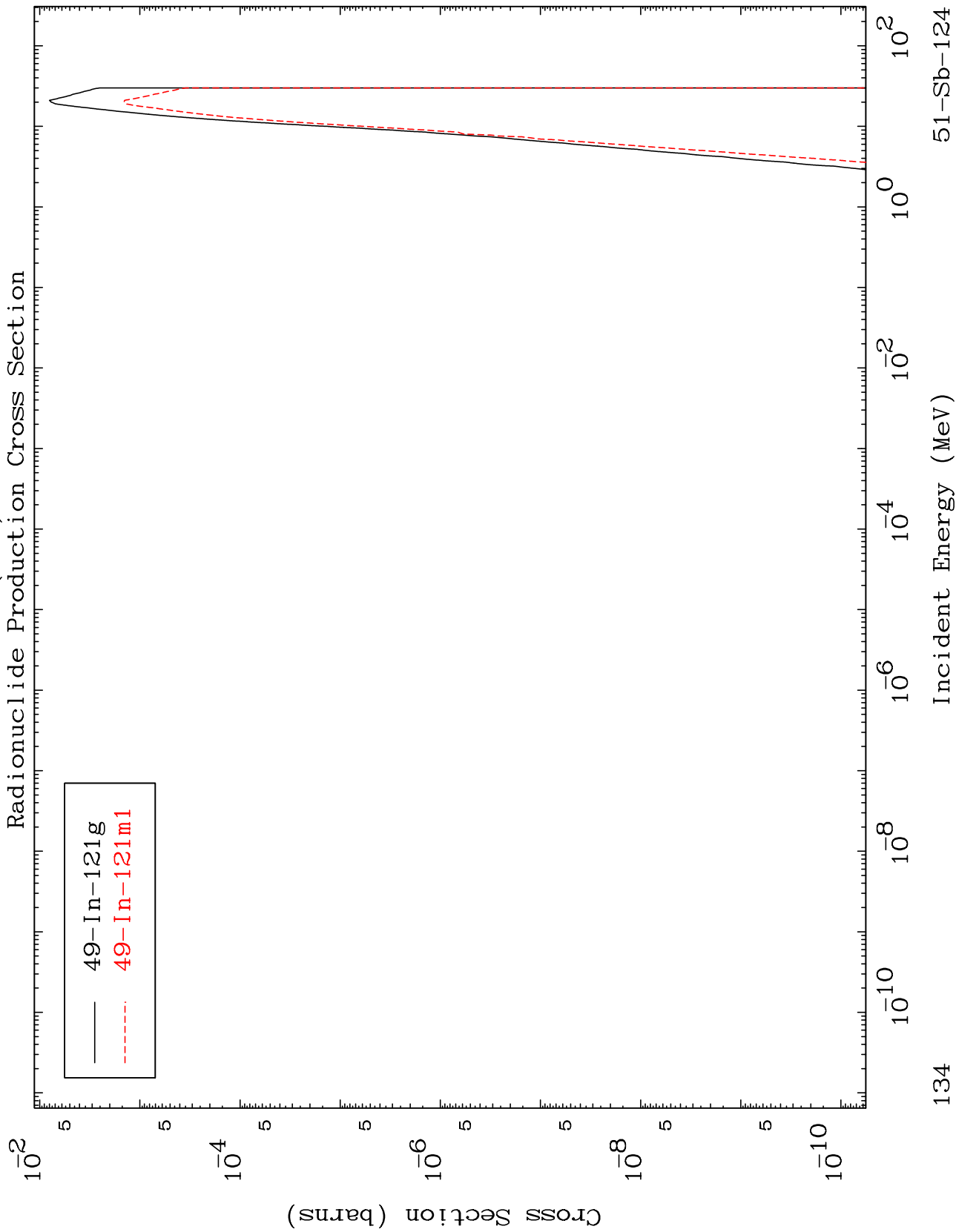
132



MAT 5134

(n,  $\alpha$ )

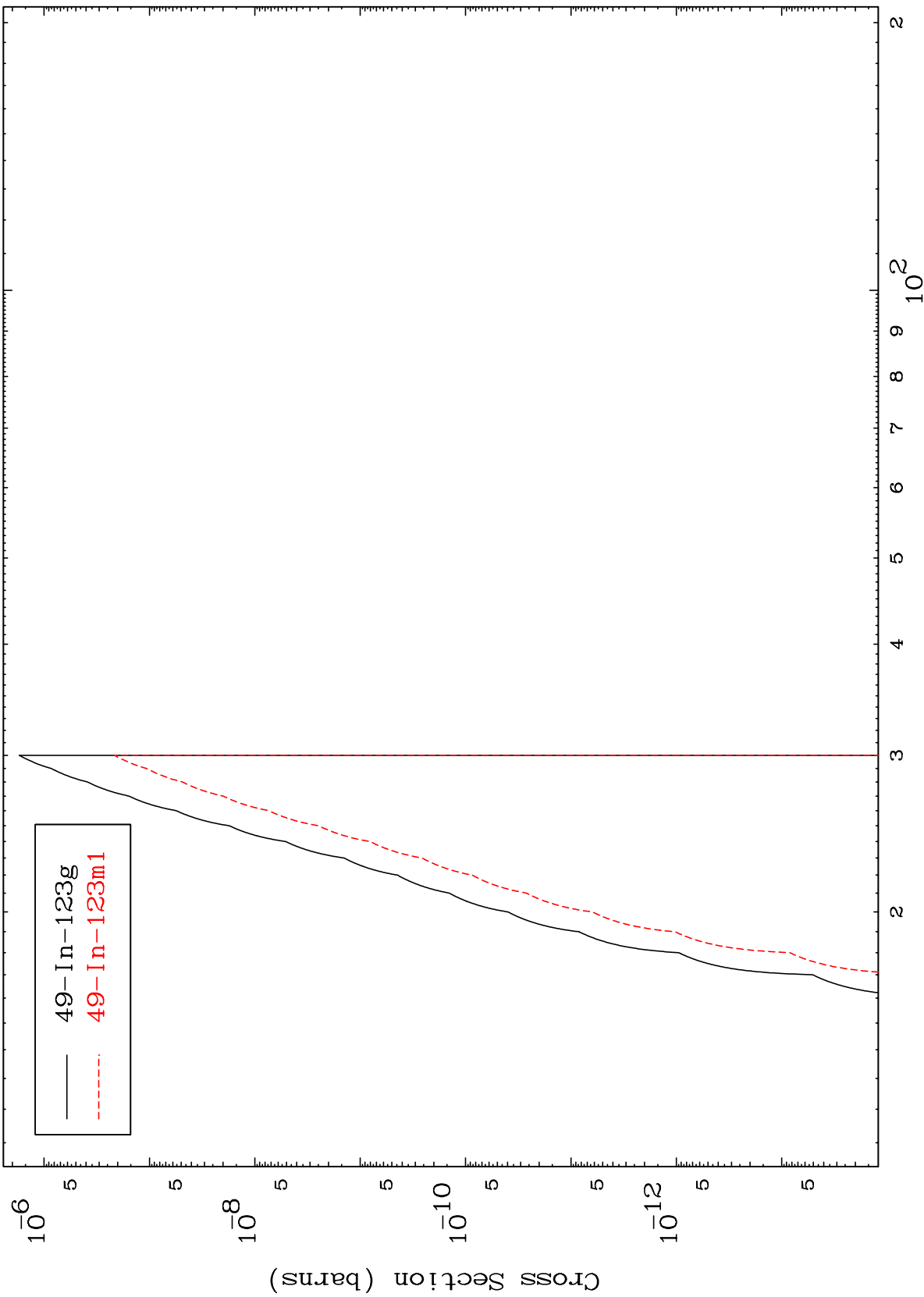
51-Sb-124



MAT 5134

51-Sb-124

(n,2p)  
Radionuclide Production Cross Section



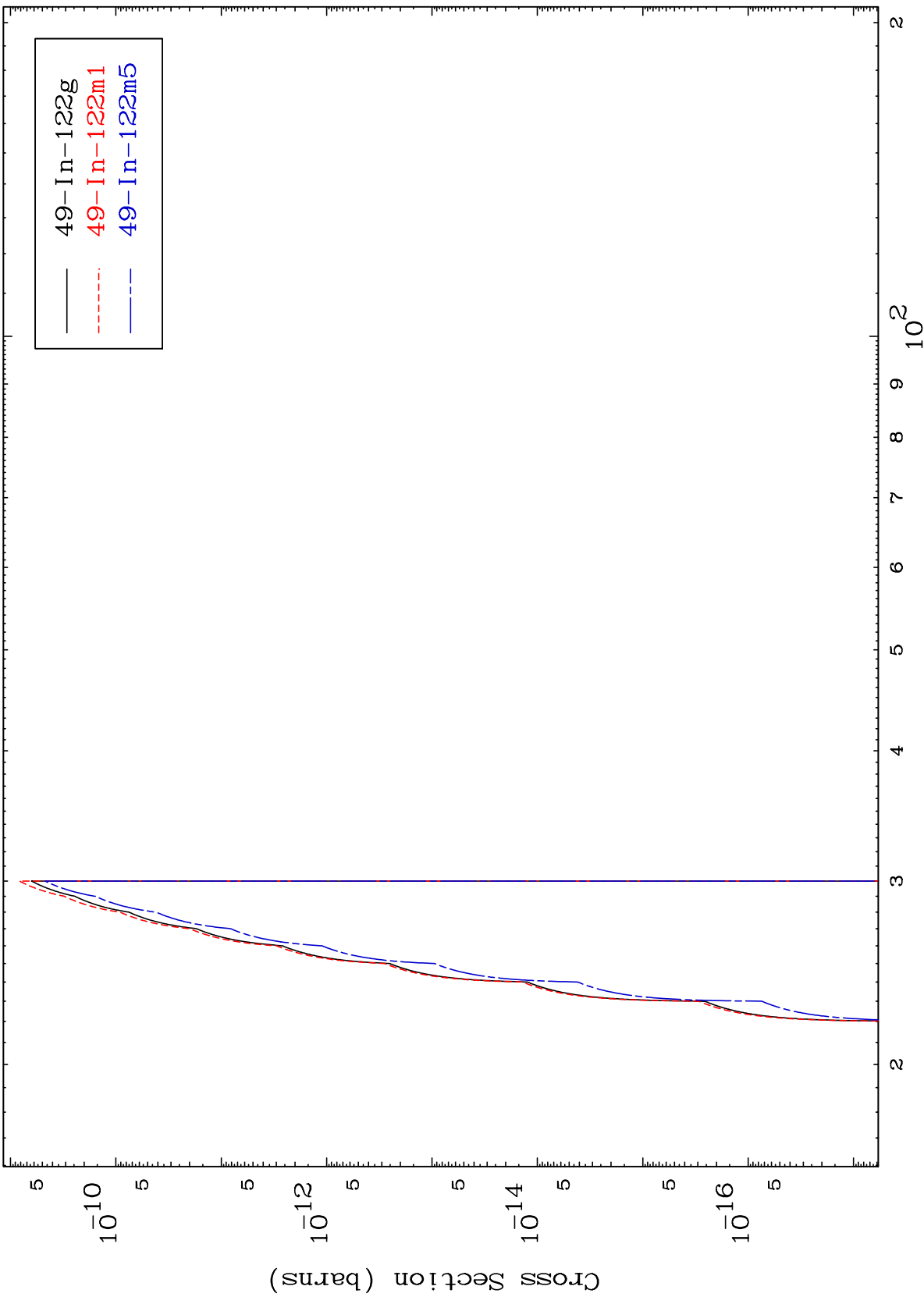
135

51-Sb-124

Incident Energy (MeV)



Radionuclide Production Cross Section

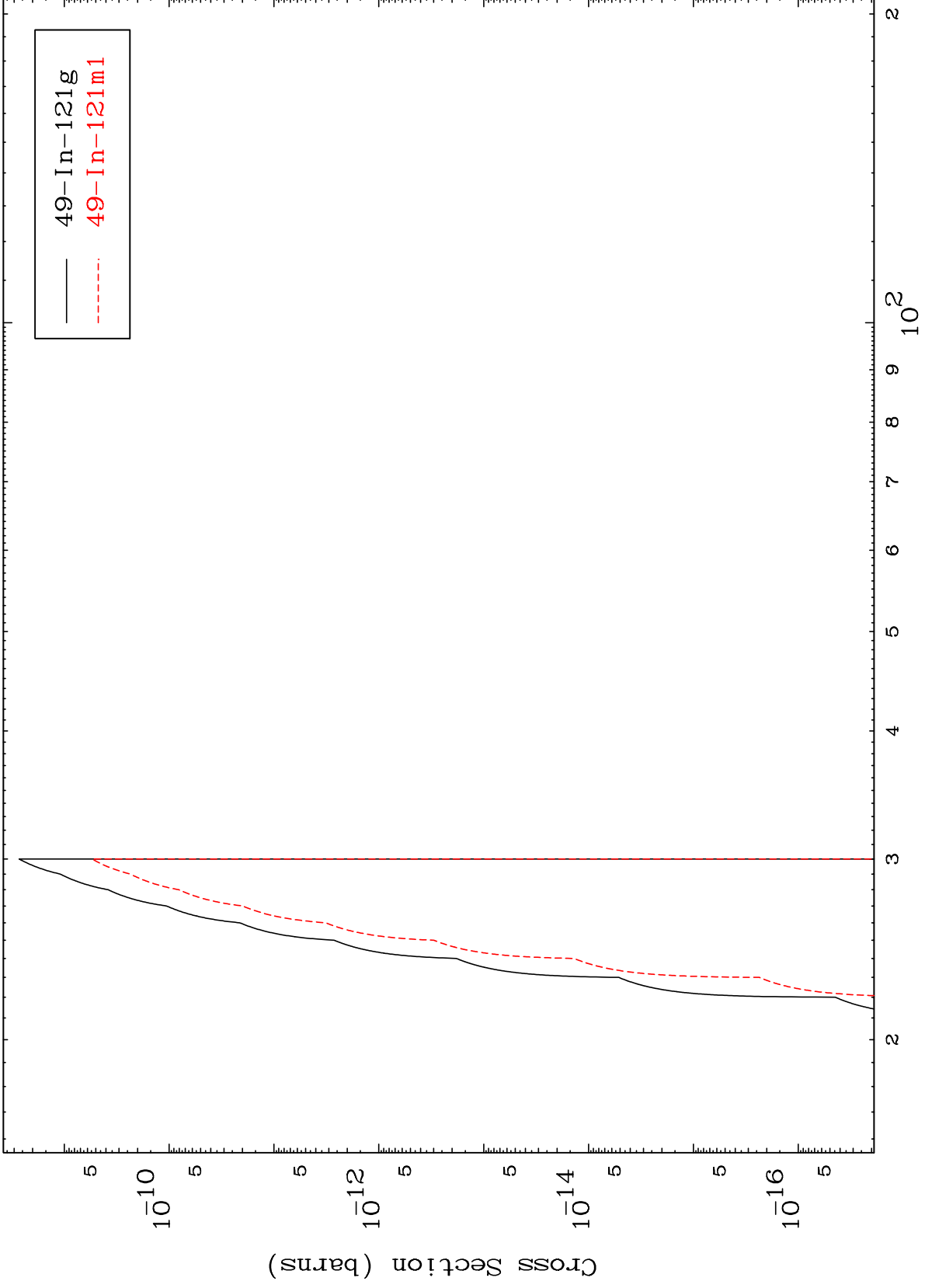


MAT 5134

(n,p) t

51-Sb-124

Radionuclide Production Cross Section



49-In-121g  
49-In-121m1

137

Incident Energy (MeV)

51-Sb-124