

Program EVALPLOT  
(Version 2018-1)

by

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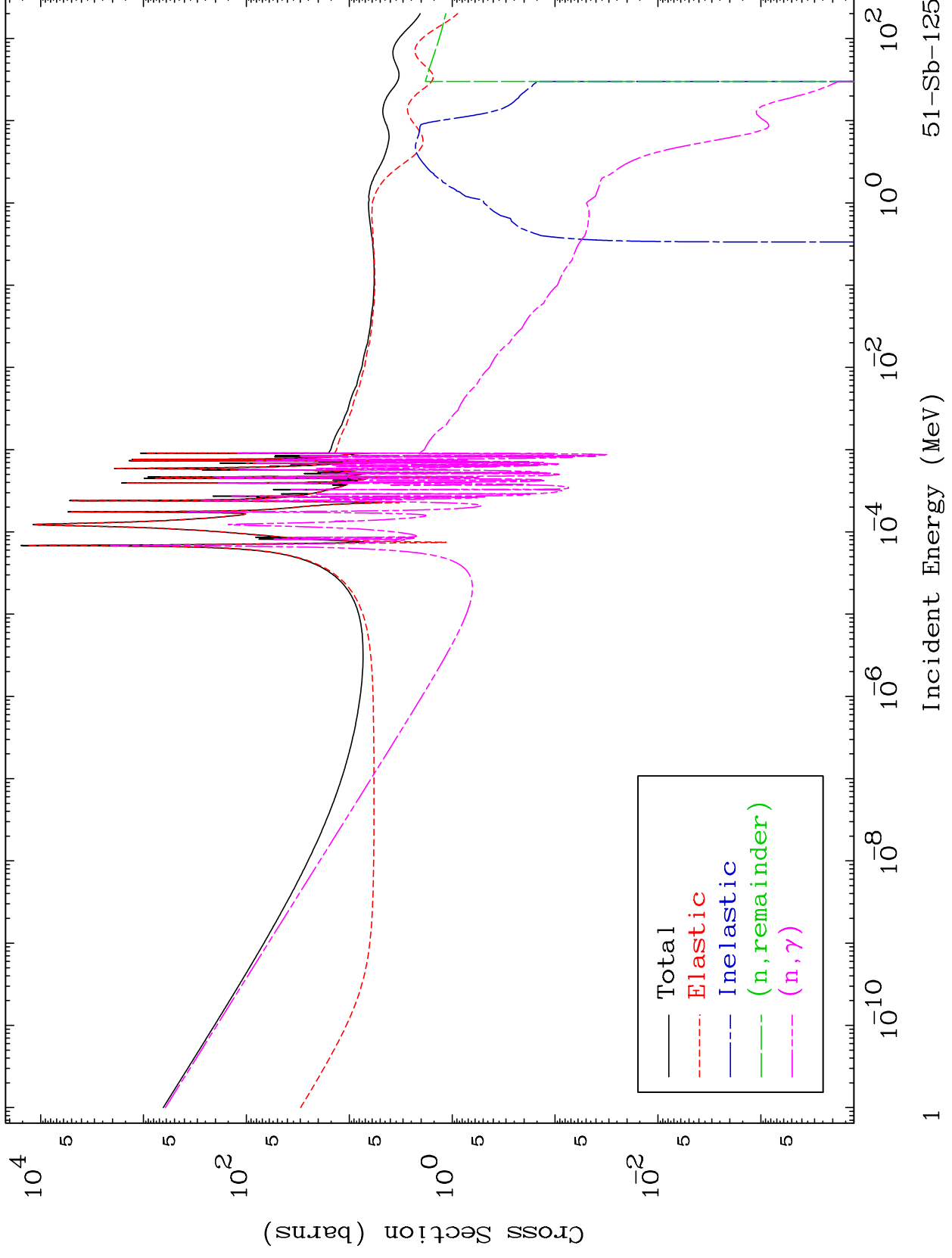
Press Mouse Button to Start

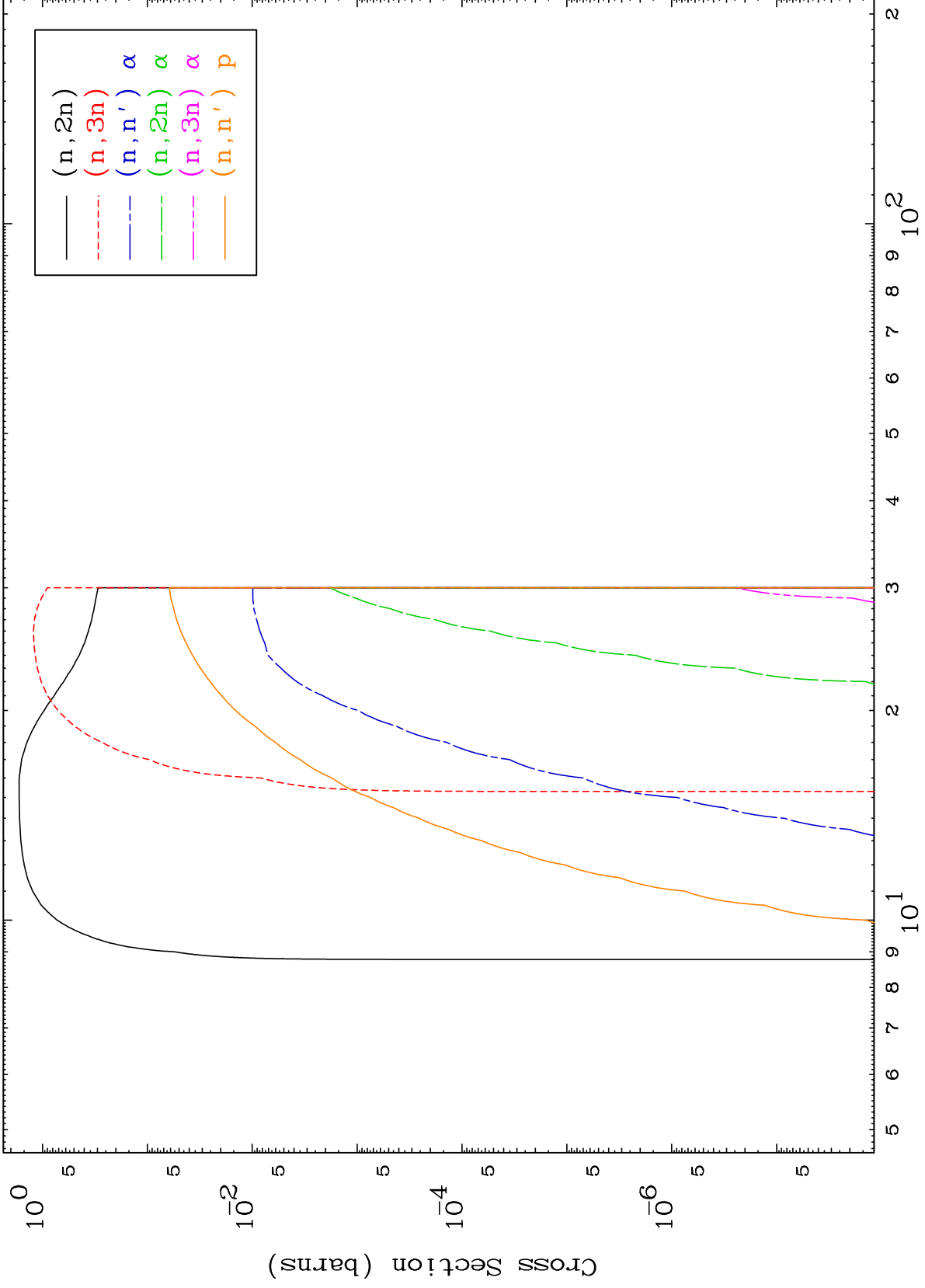
MAT 5137

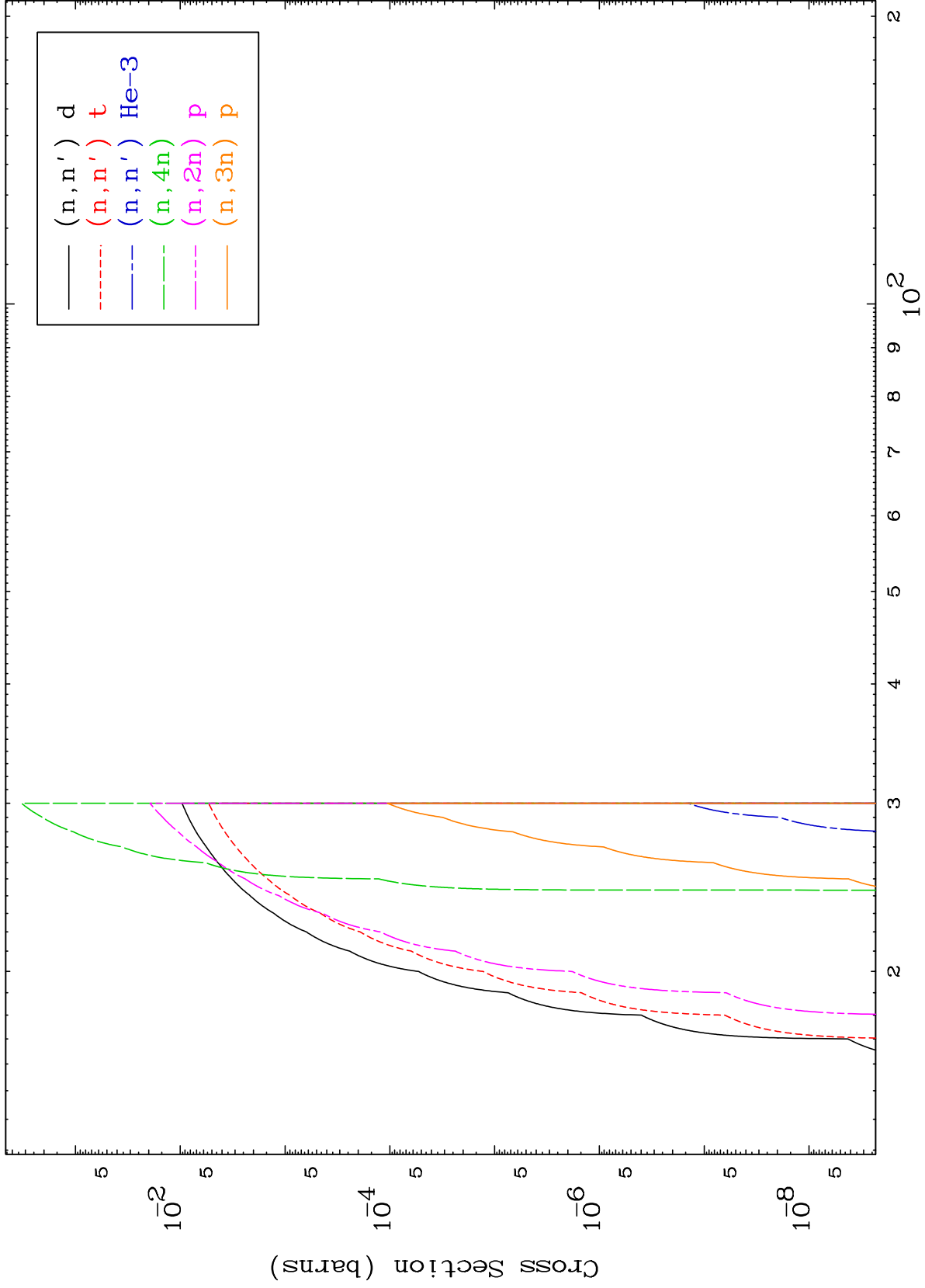
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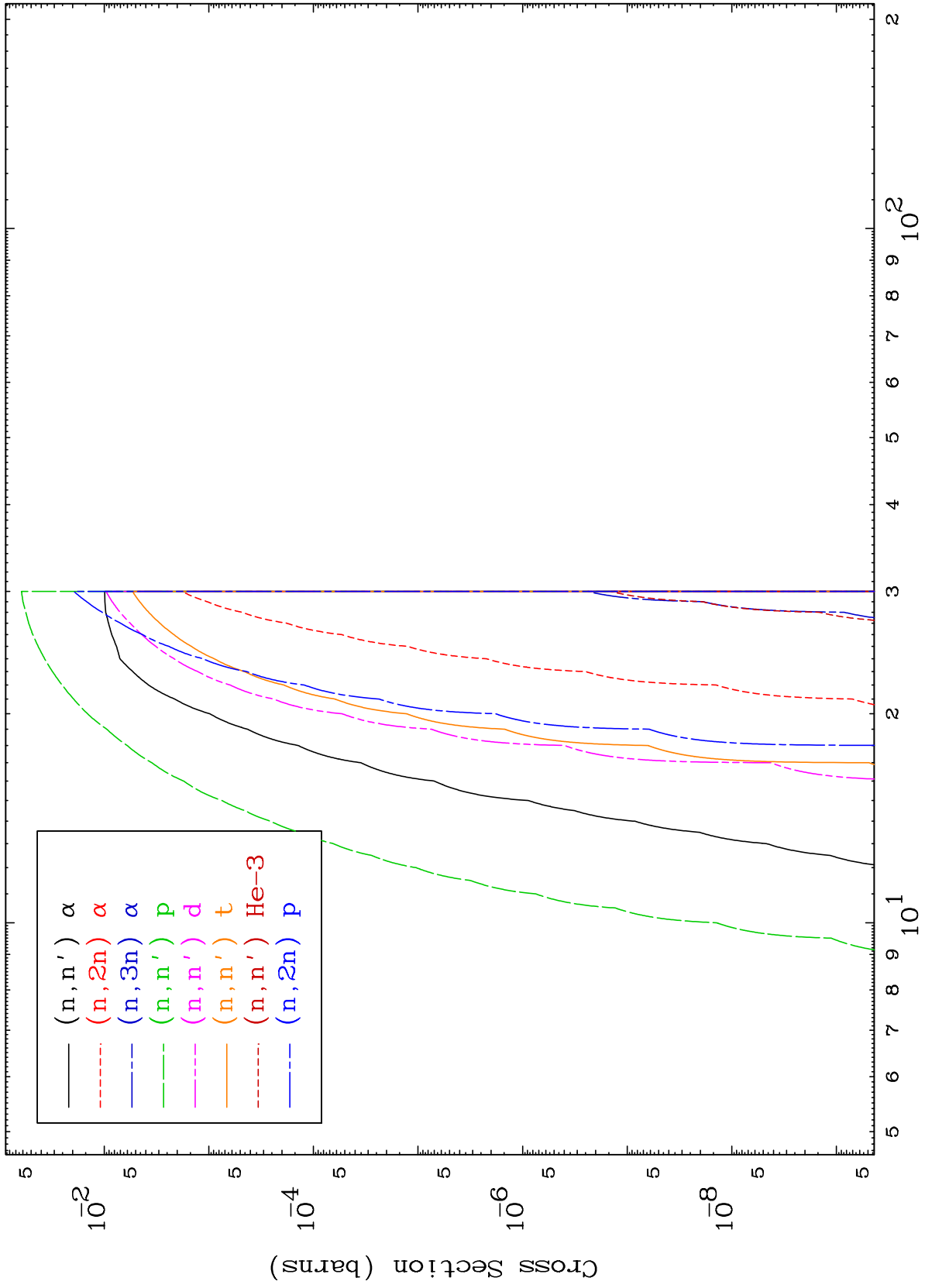
293 Kelvin Cross Sections

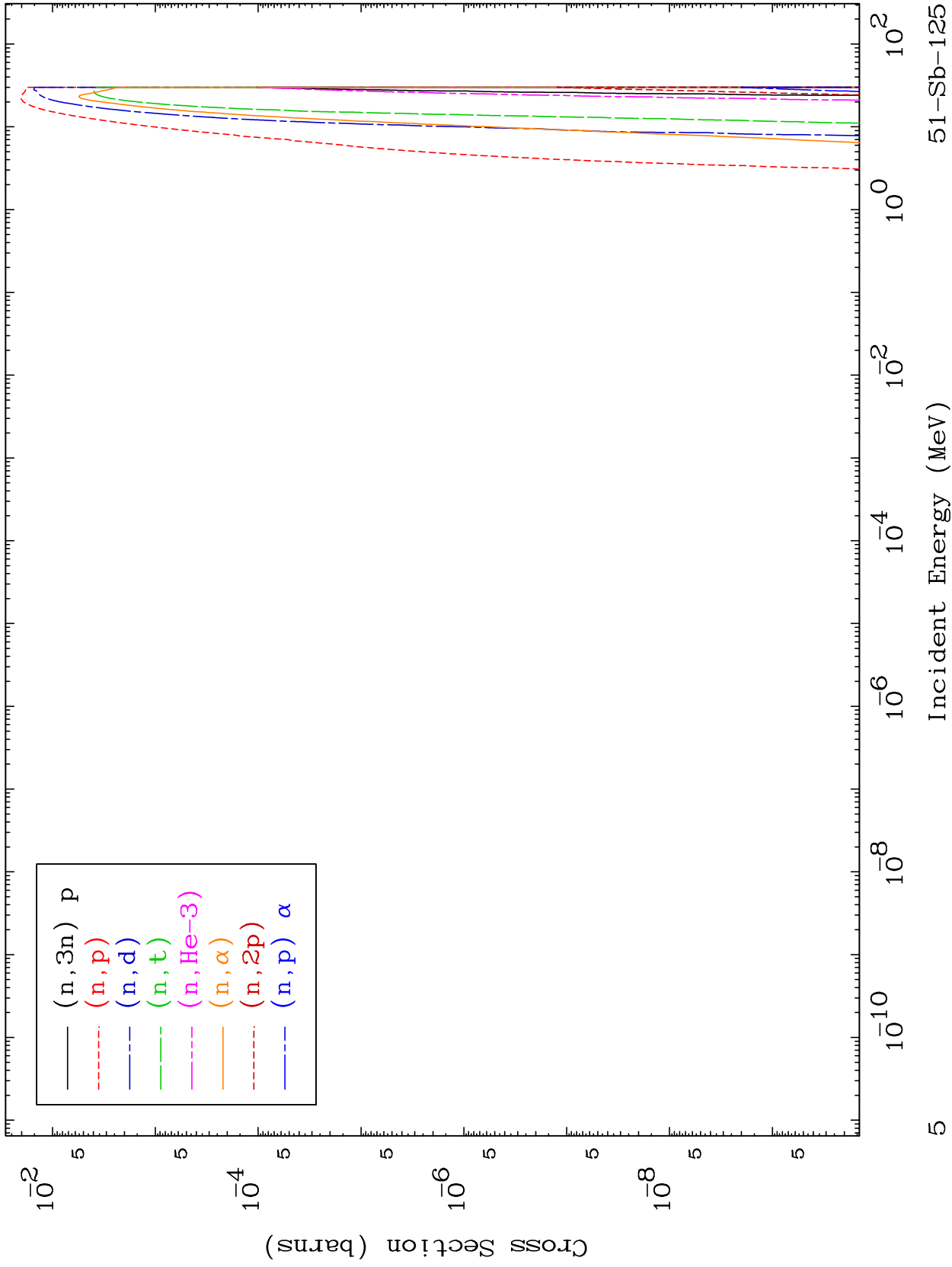
51-Sb-125







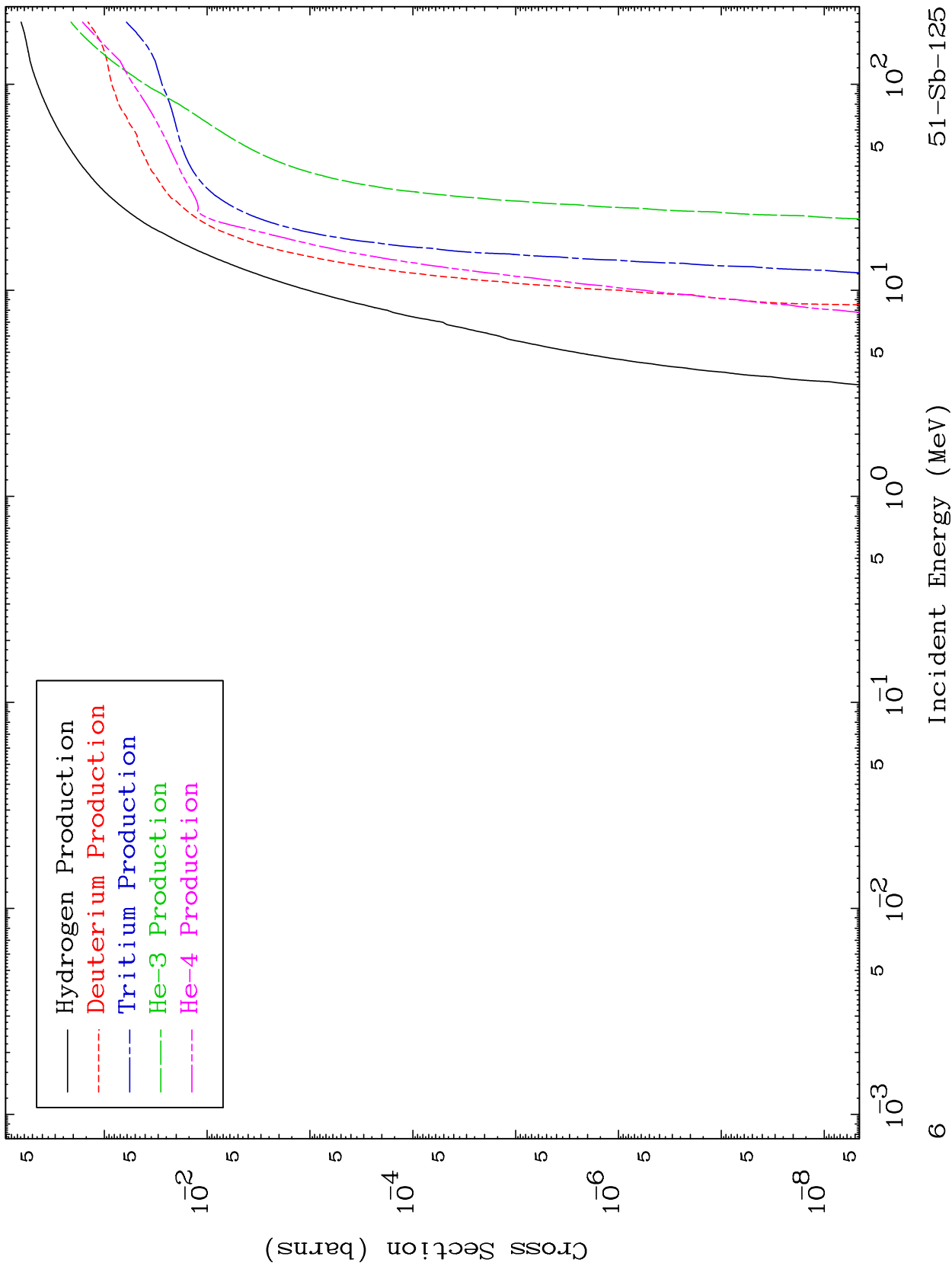




MAT 5137

Particle Production  
293 Kelvin Cross Sections

51-Sb-125



51-Sb-125

Incident Energy (MeV)

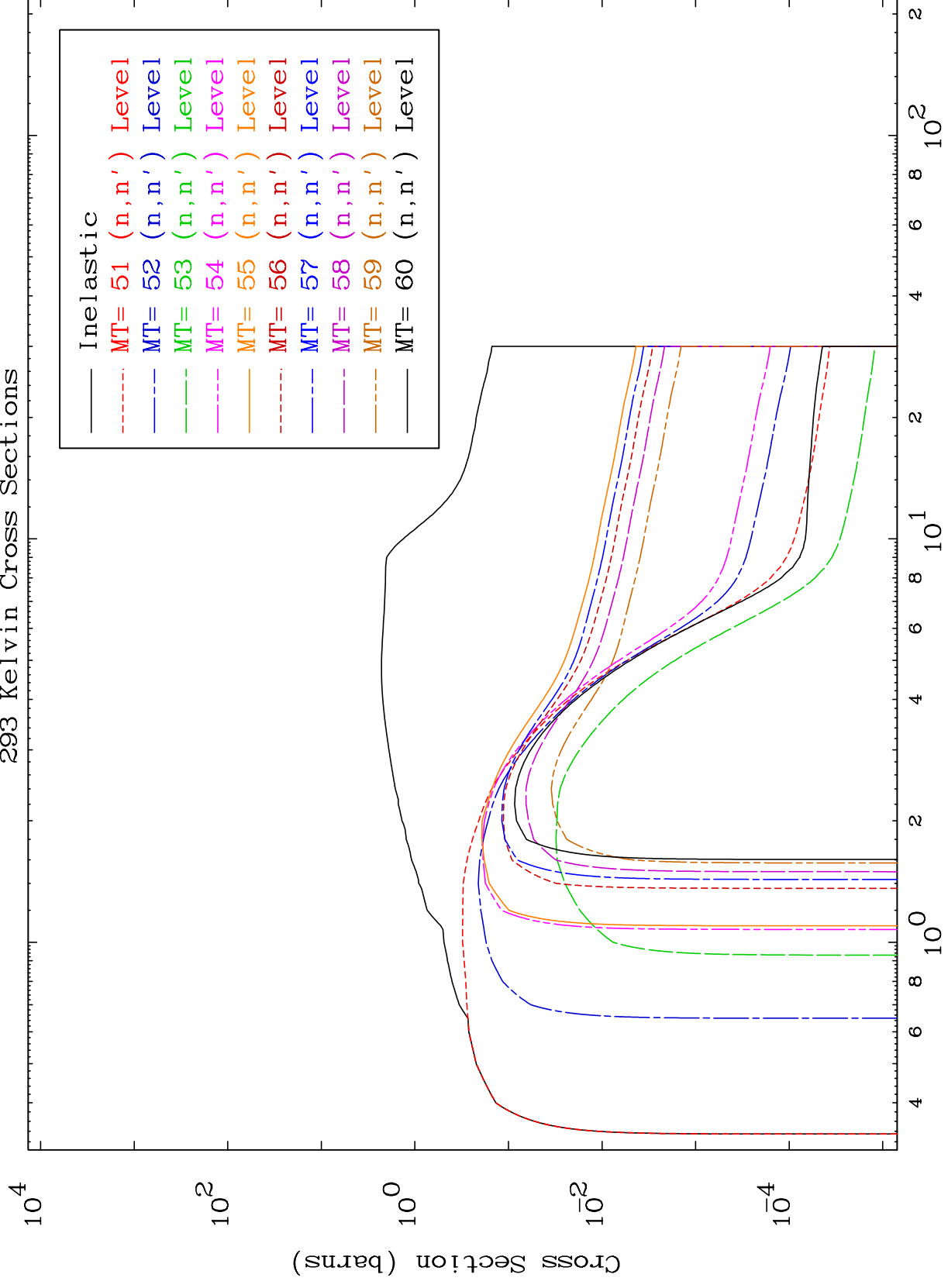
6

MAT 5137

(n,n') Level

51-Sb-125

293 Kelvin Cross Sections

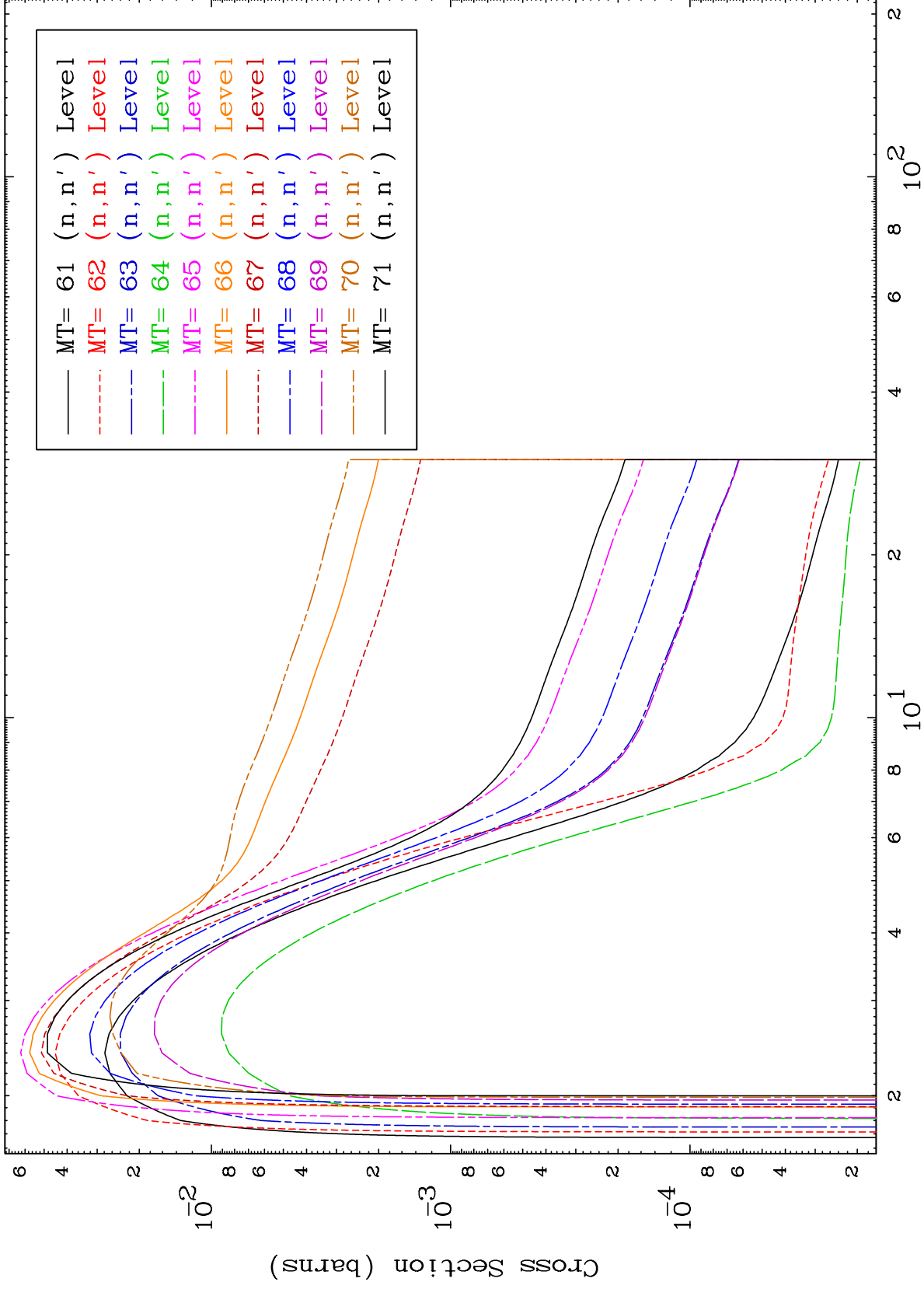


MAT 5137

(n,n') Level

51-Sb-125

293 Kelvin Cross Sections



8

Incident Energy (MeV)

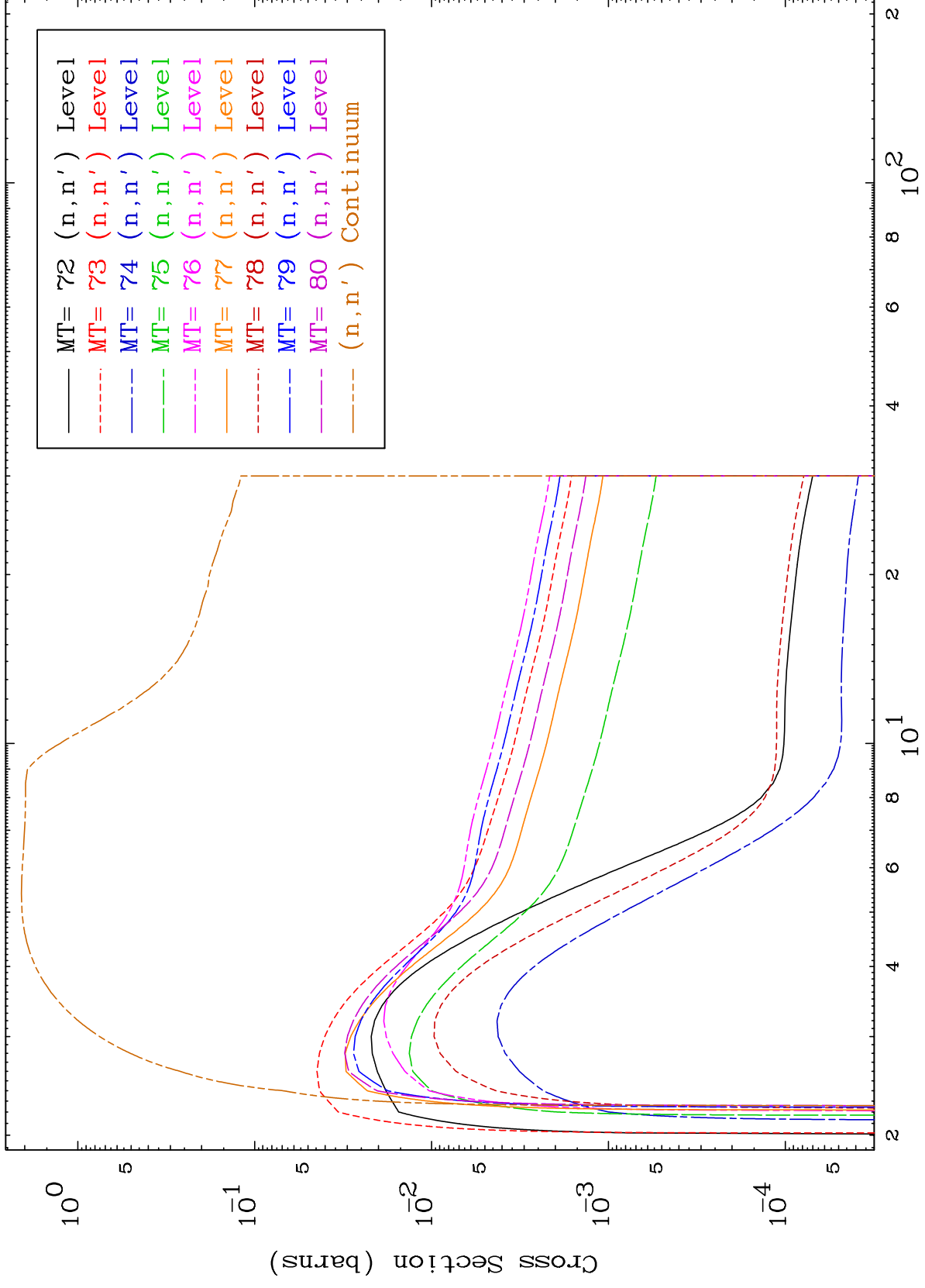
51-Sb-125

MAT 5137

(n,n') Level

51-Sb-125

293 Kelvin Cross Sections



9

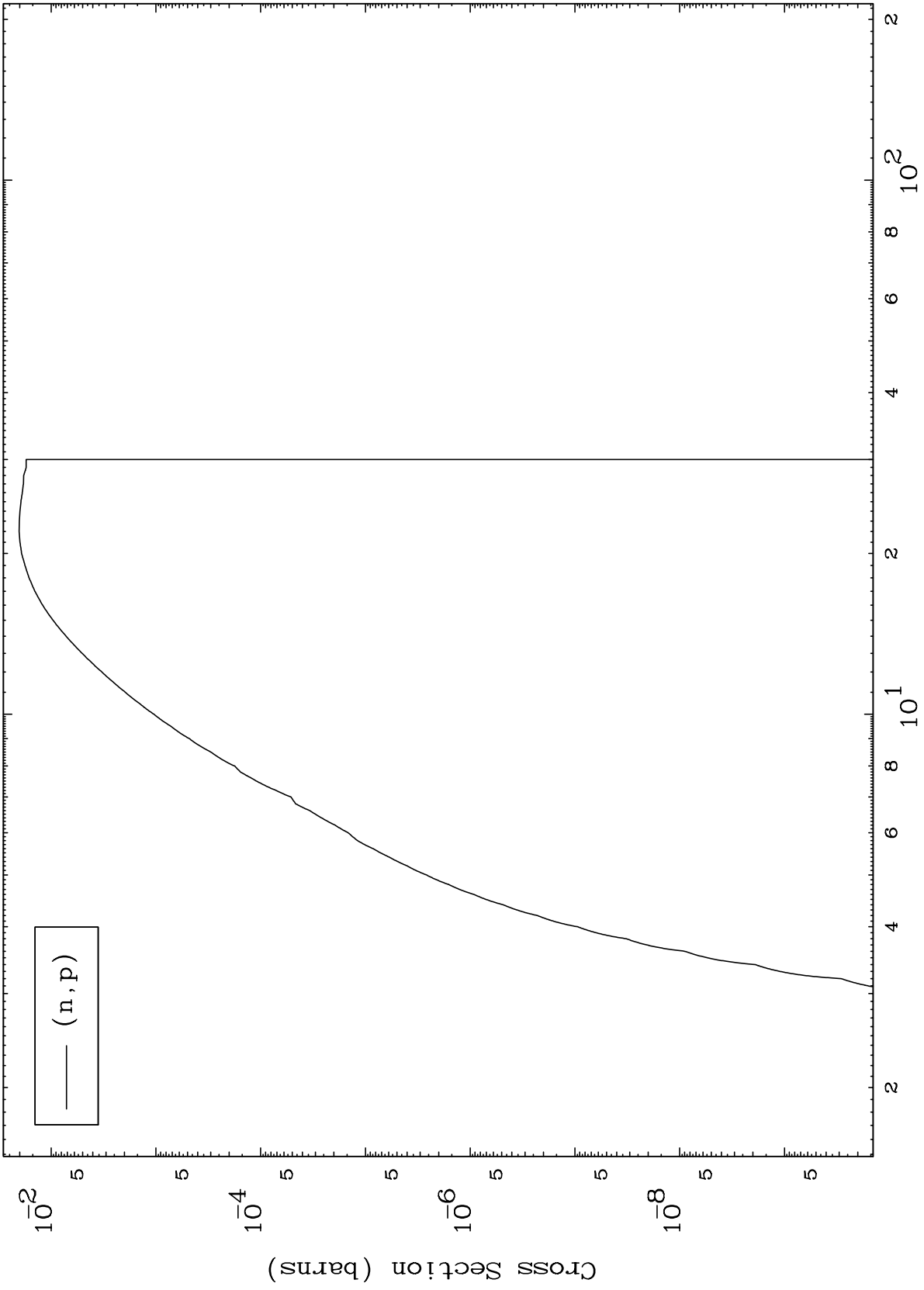
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-125



10

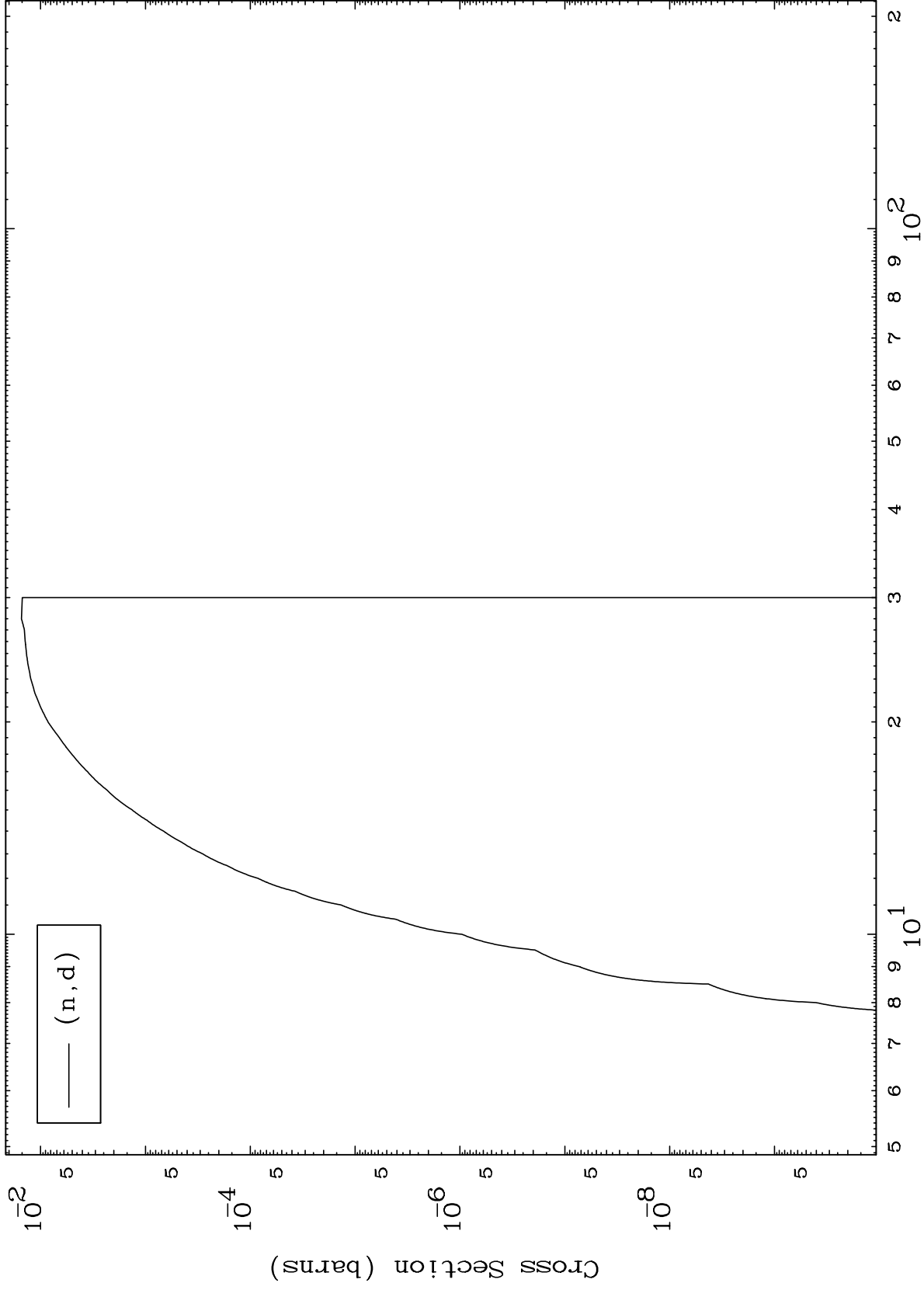
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-125



11

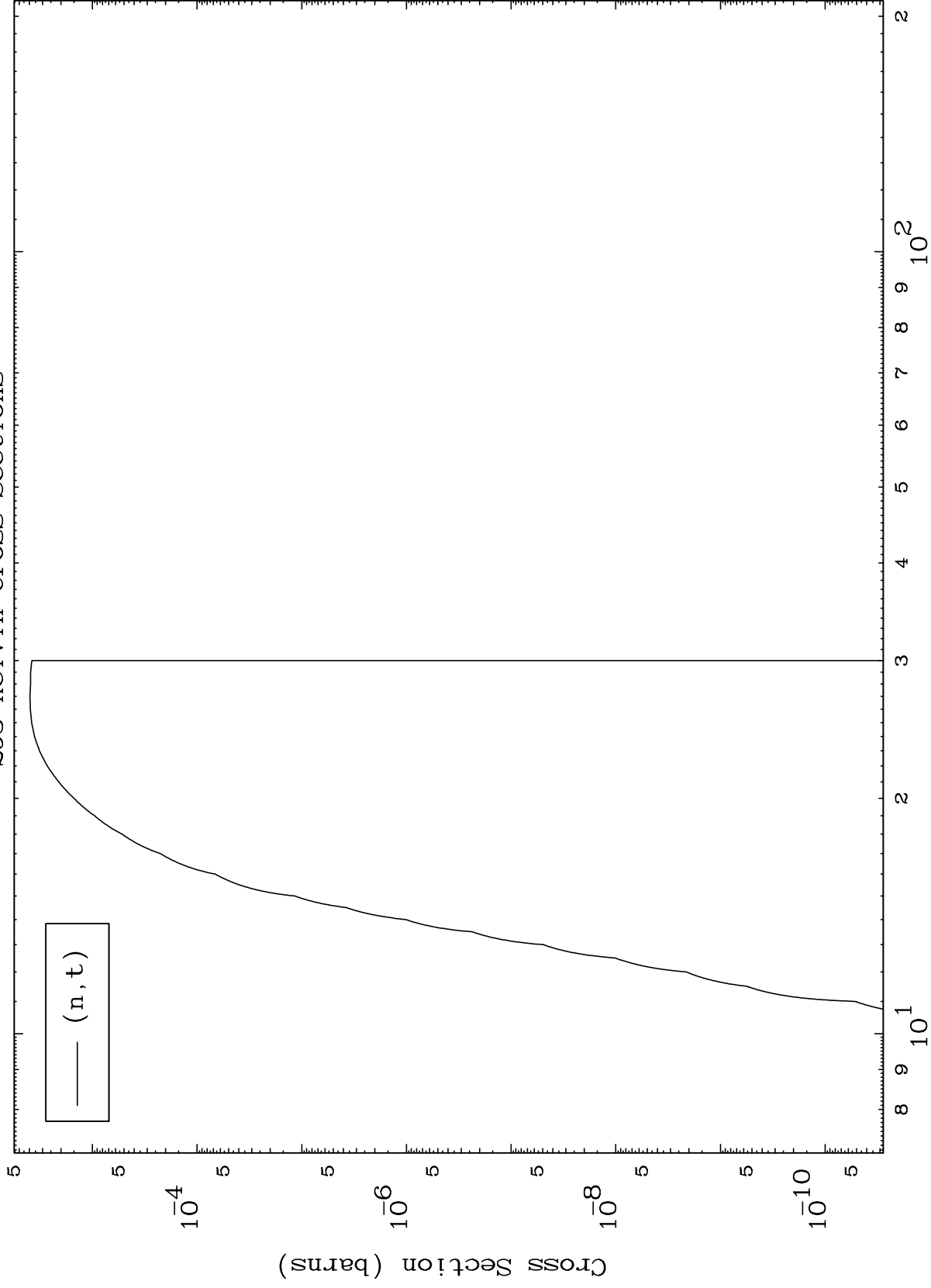
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-125



12

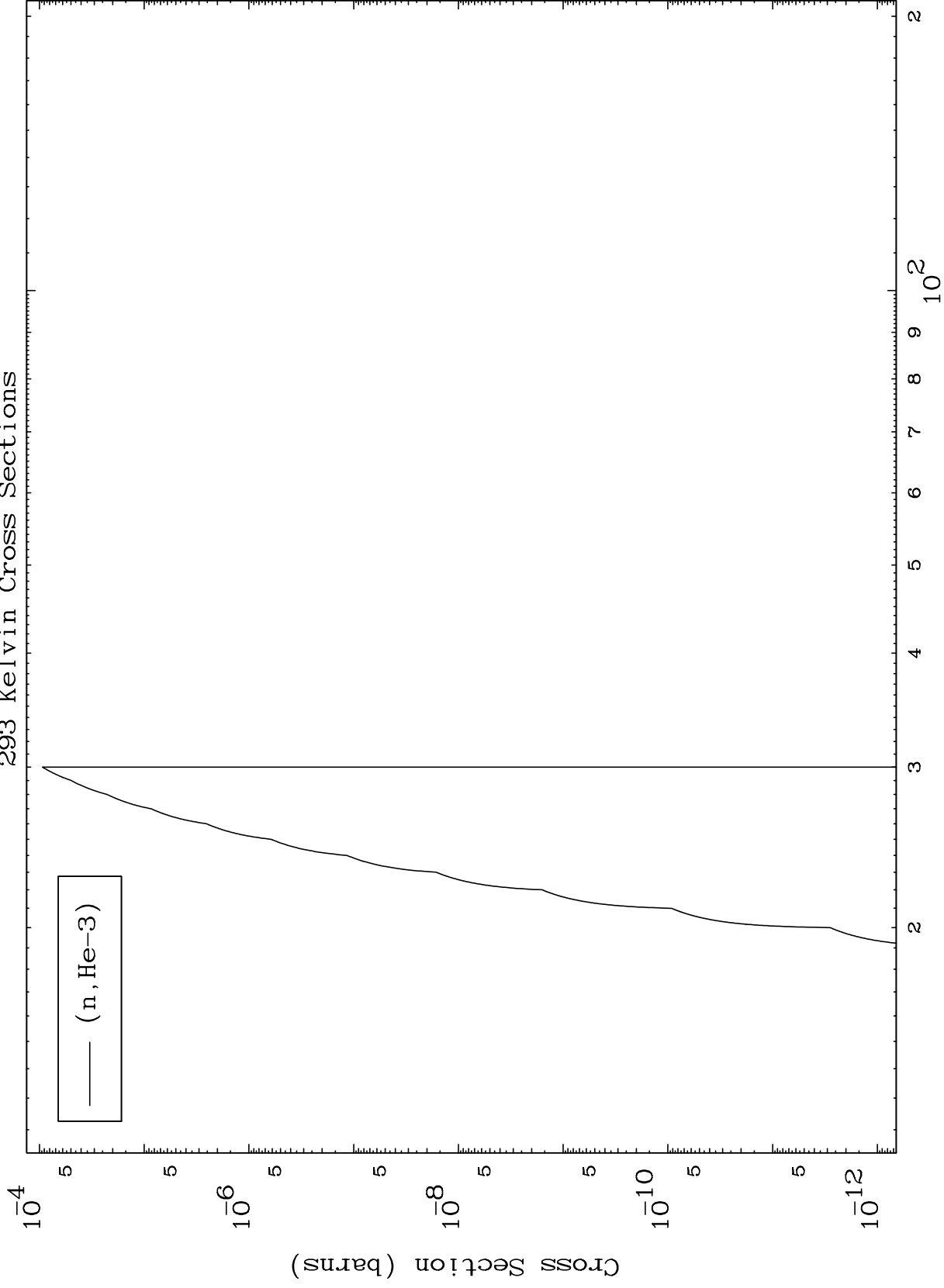
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-125



13

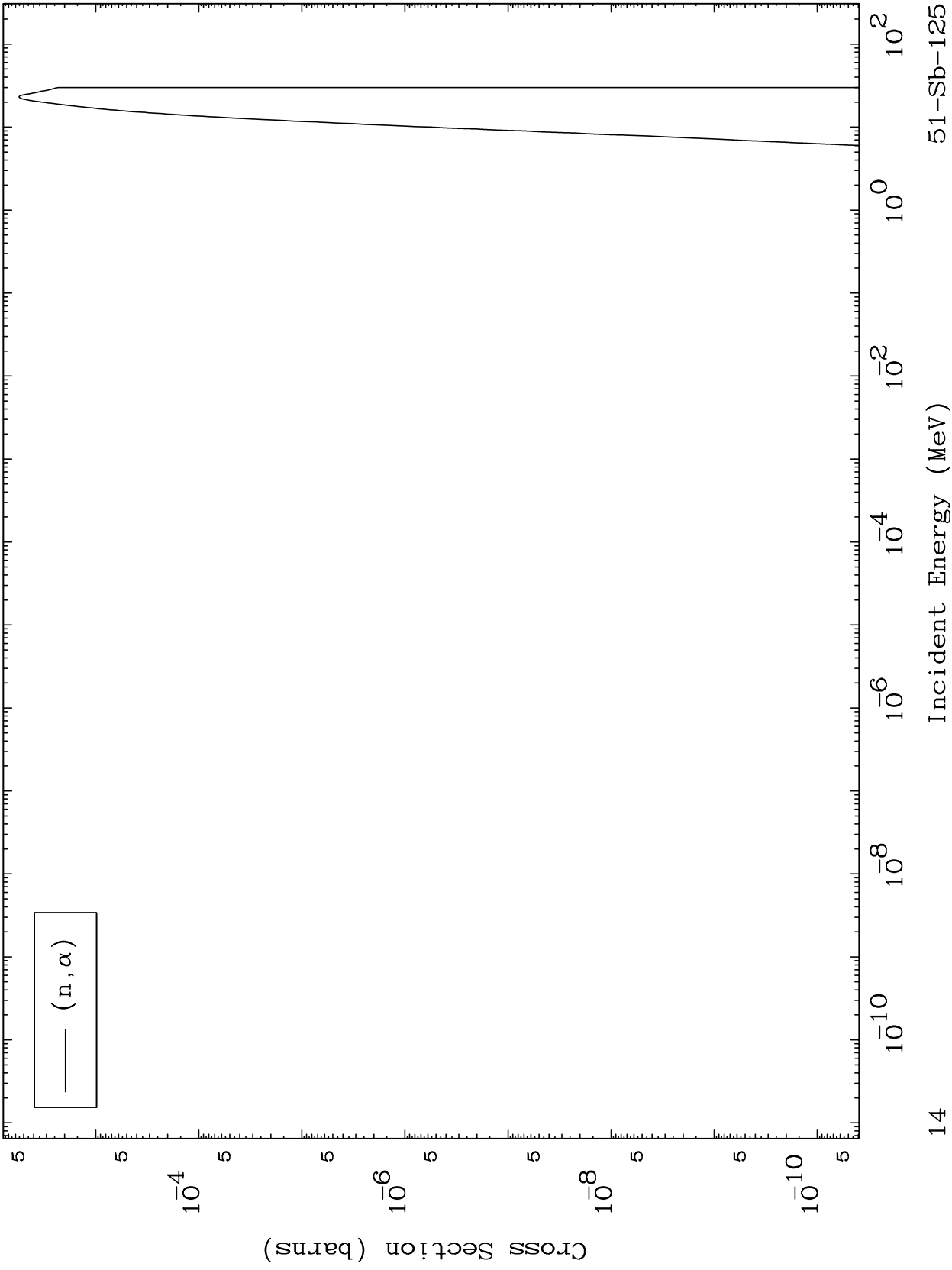
Incident Energy (MeV)

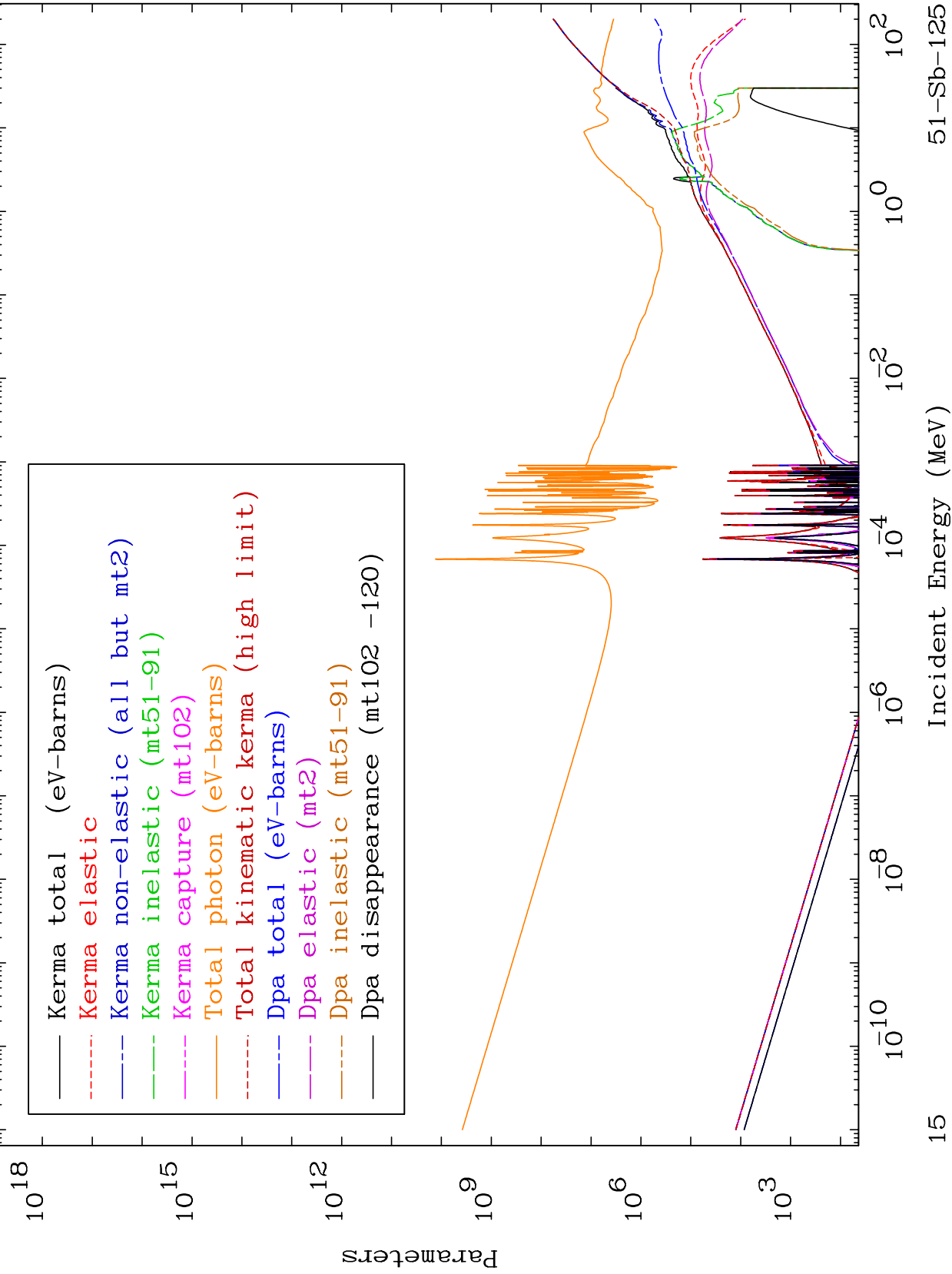
51-Sb-125

MAT 5137

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

51-Sb-125





MAT 5137

51-Sb-125

Elastic Legendre Coefficients



51-Sb-125

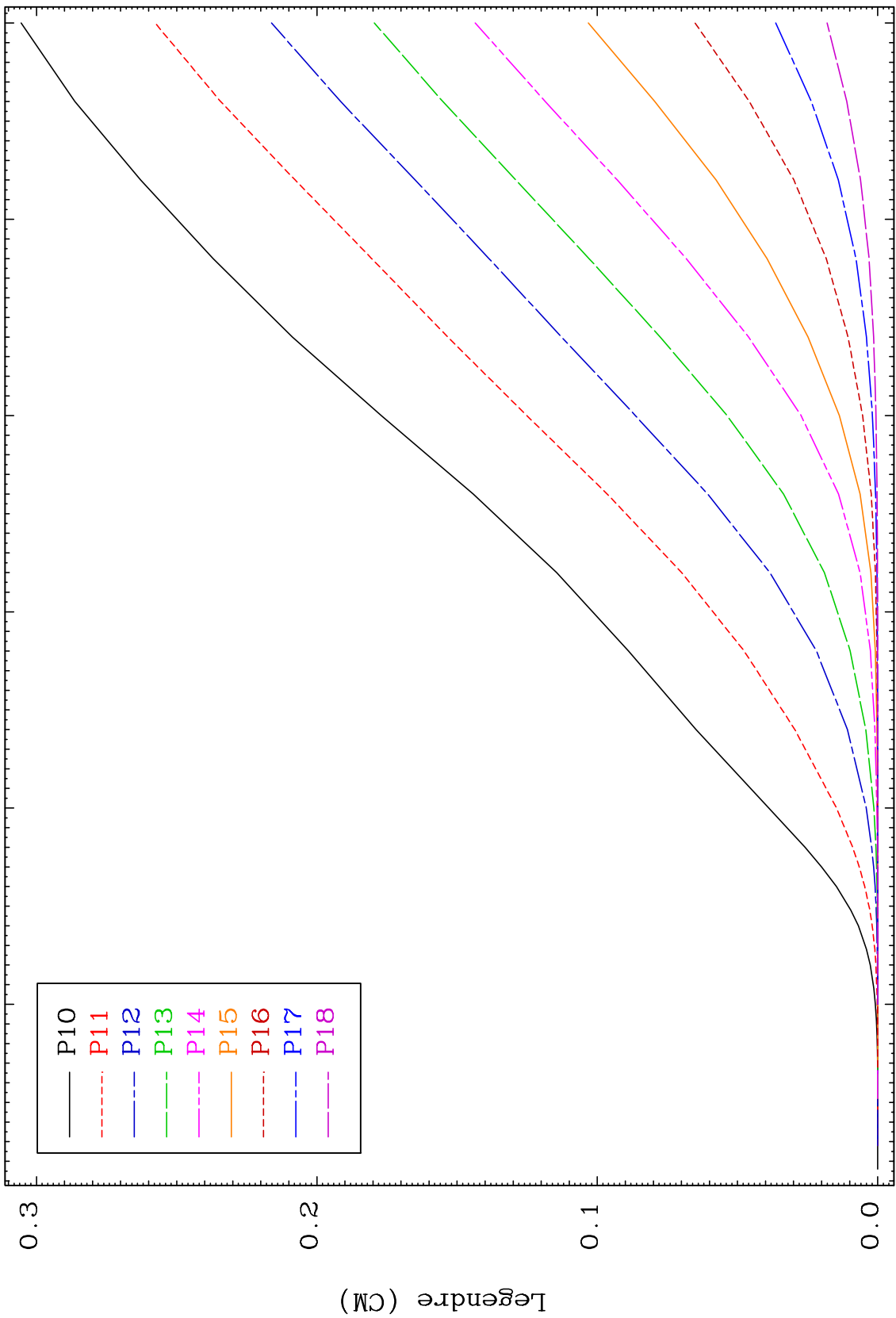
Incident Energy (MeV)

16

MAT 5137

Elastic Legendre Coefficients

51-Sb-125



17

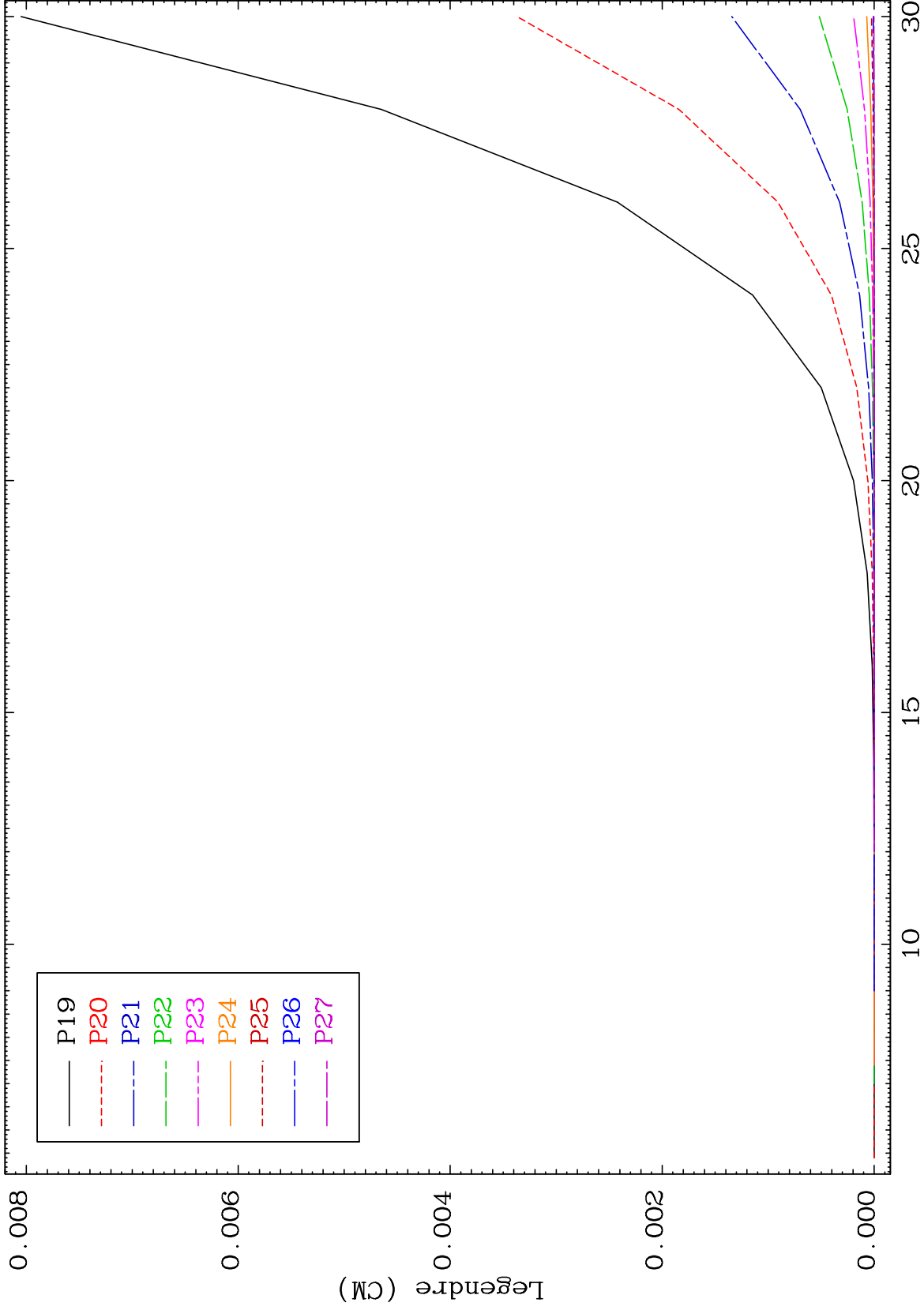
51-Sb-125

Incident Energy (MeV)

MAT 5137

Elastic  
Legendre Coefficients

51-Sb-125



18

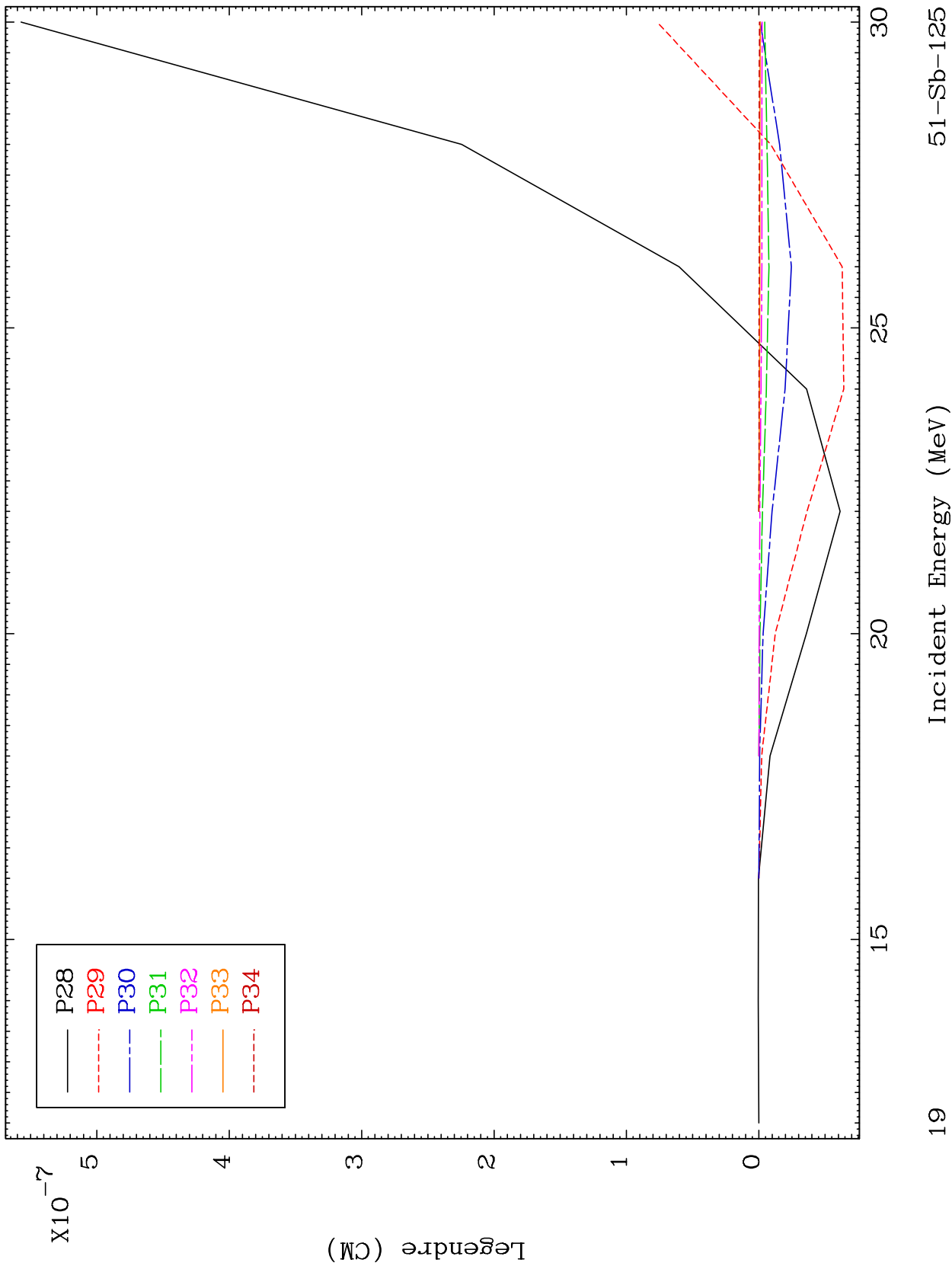
Incident Energy (MeV)

51-Sb-125

MAT 5137

Elastic Legendre Coefficients

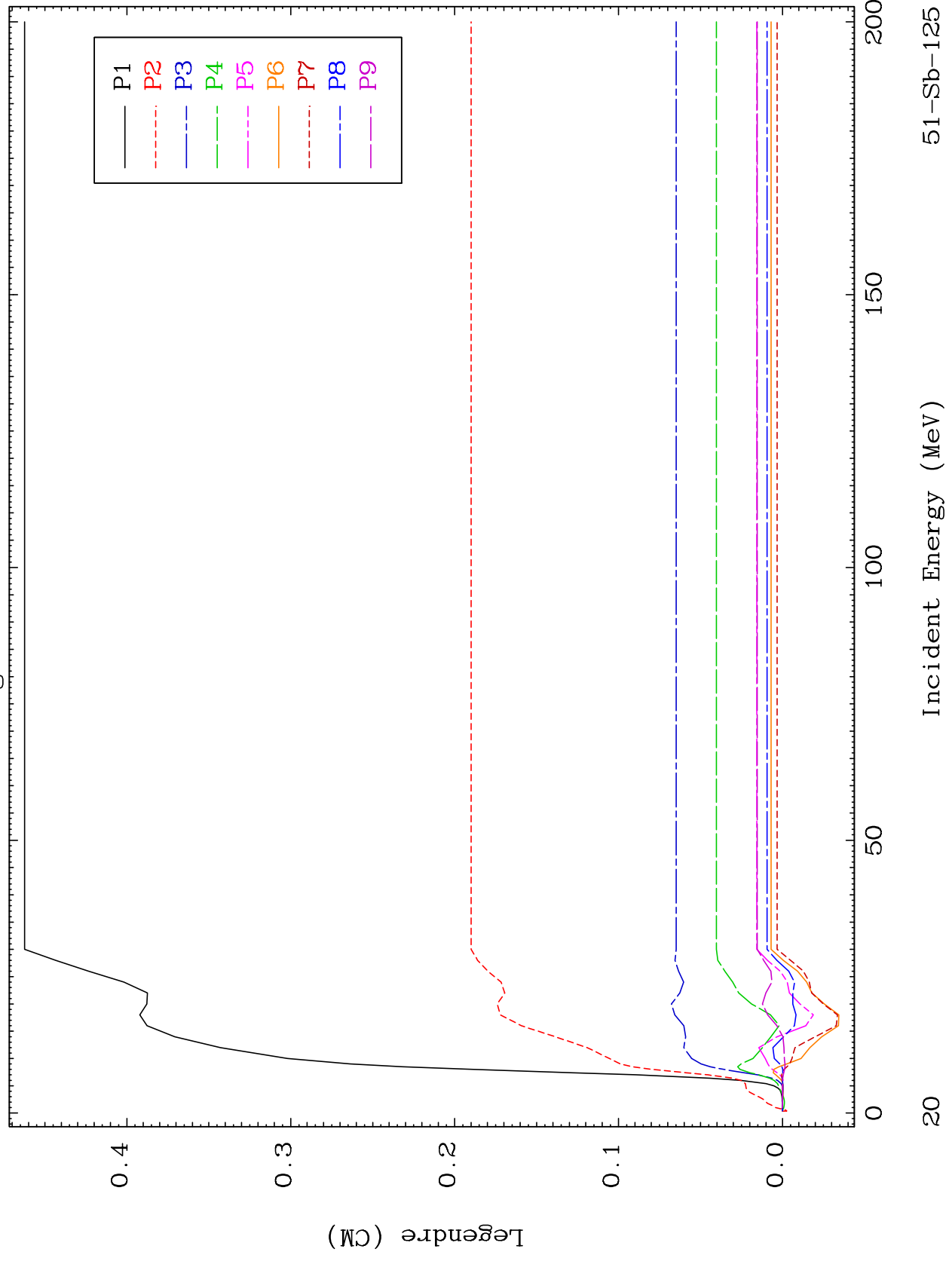
51-Sb-125



MAT 5137

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

51-Sb-125



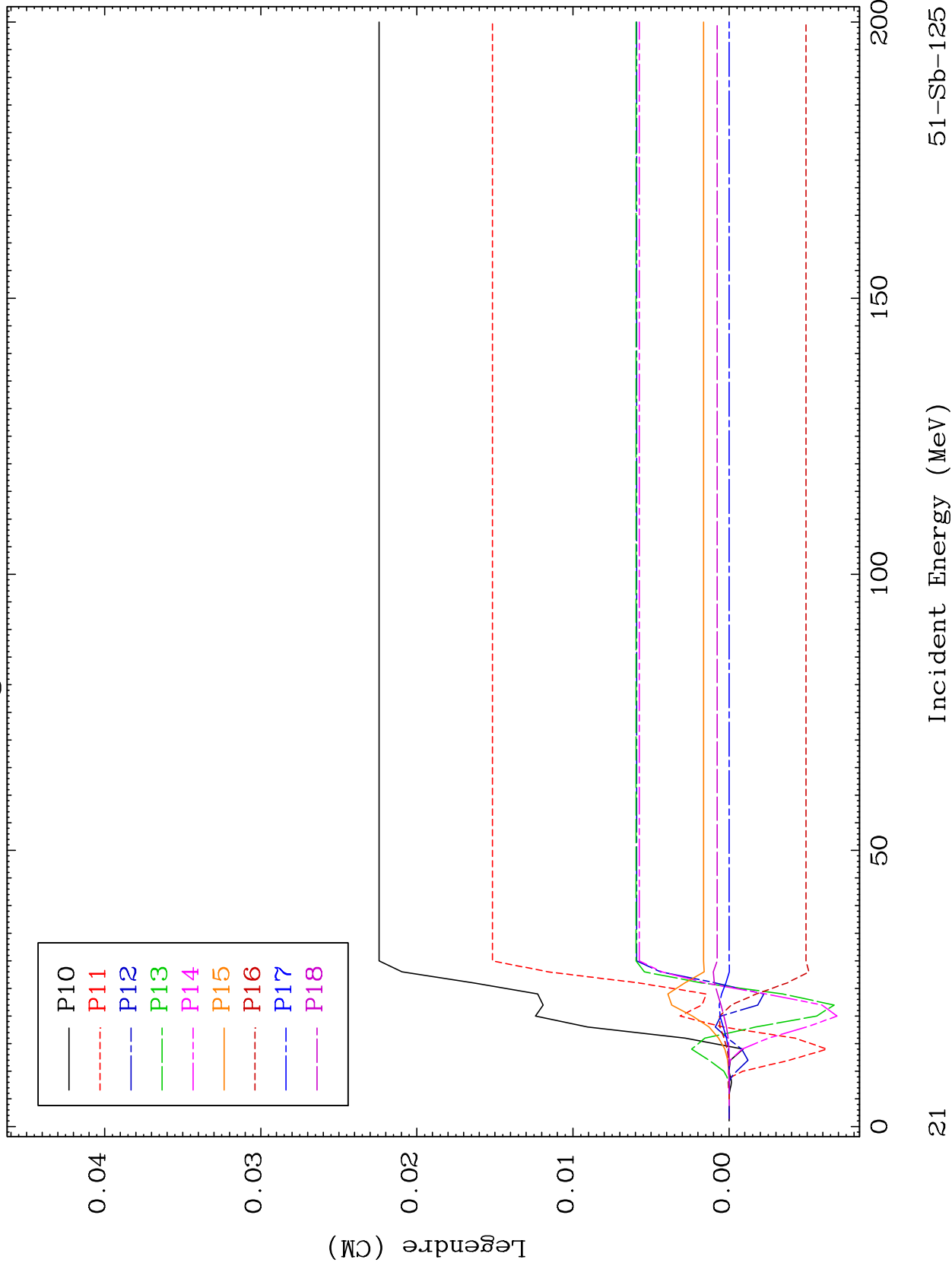
51-Sb-125

Incident Energy (MeV)

MAT 5137

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

51-Sb-125



21

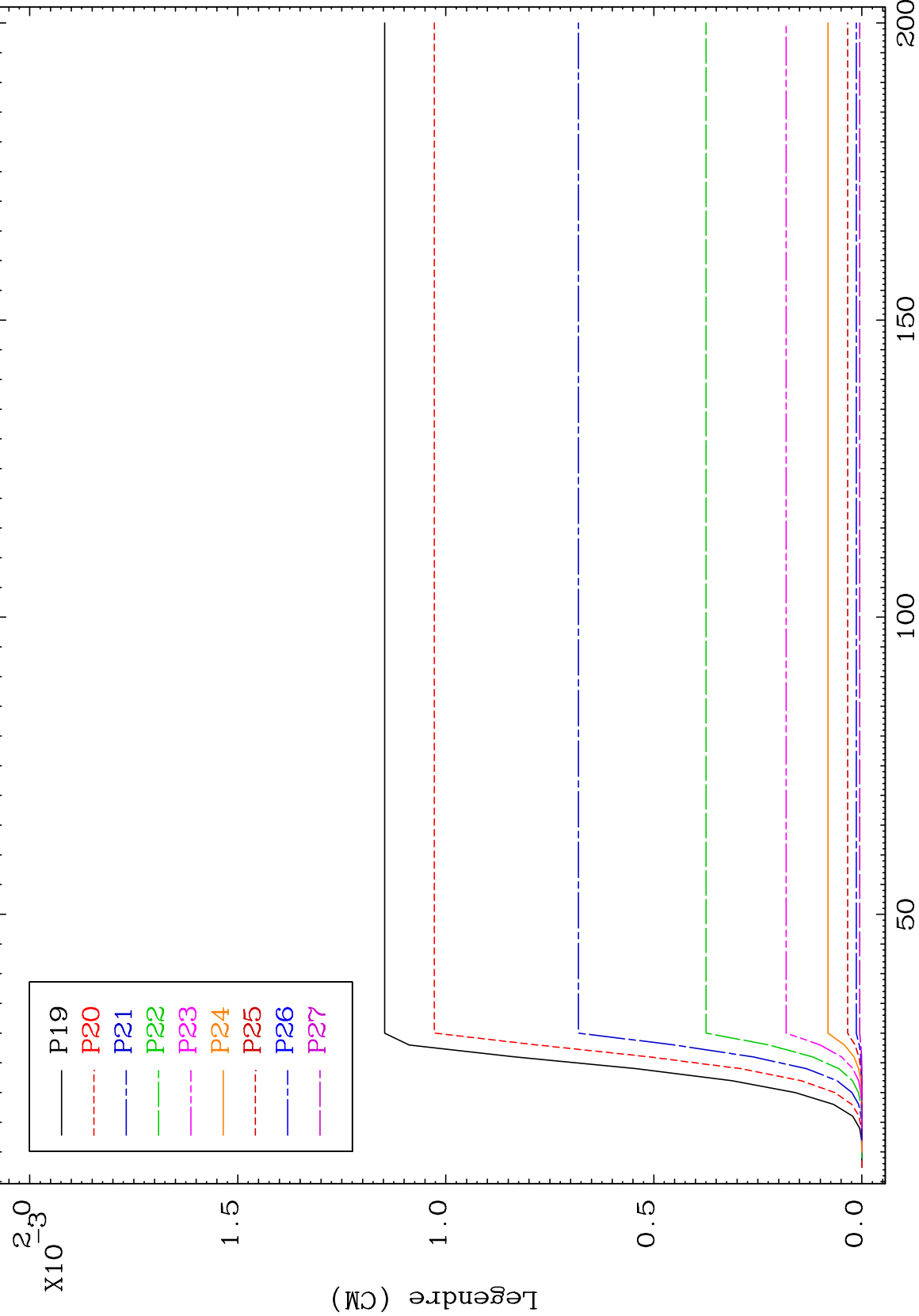
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

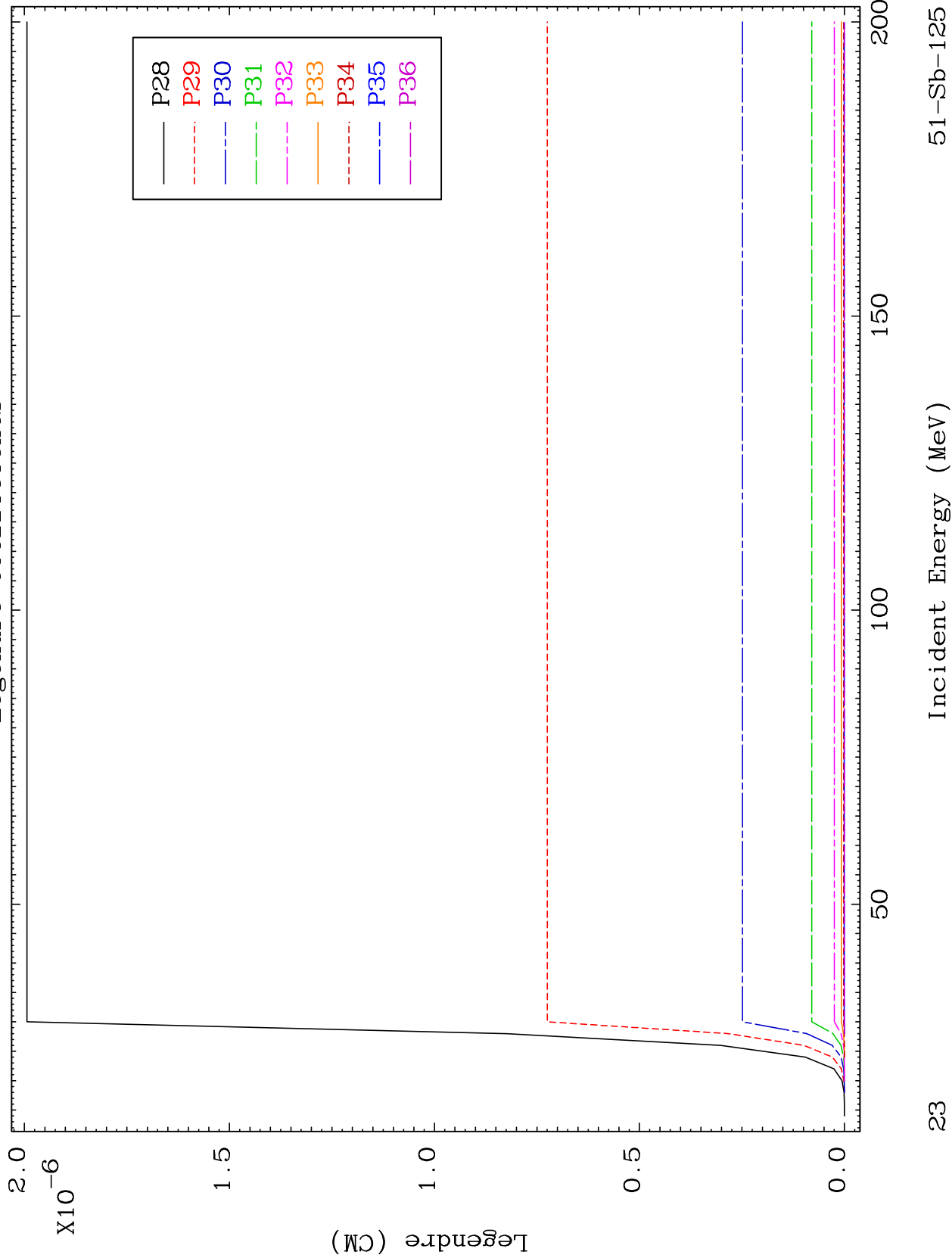
51-Sb-125



MAT 5137

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

51-Sb-125



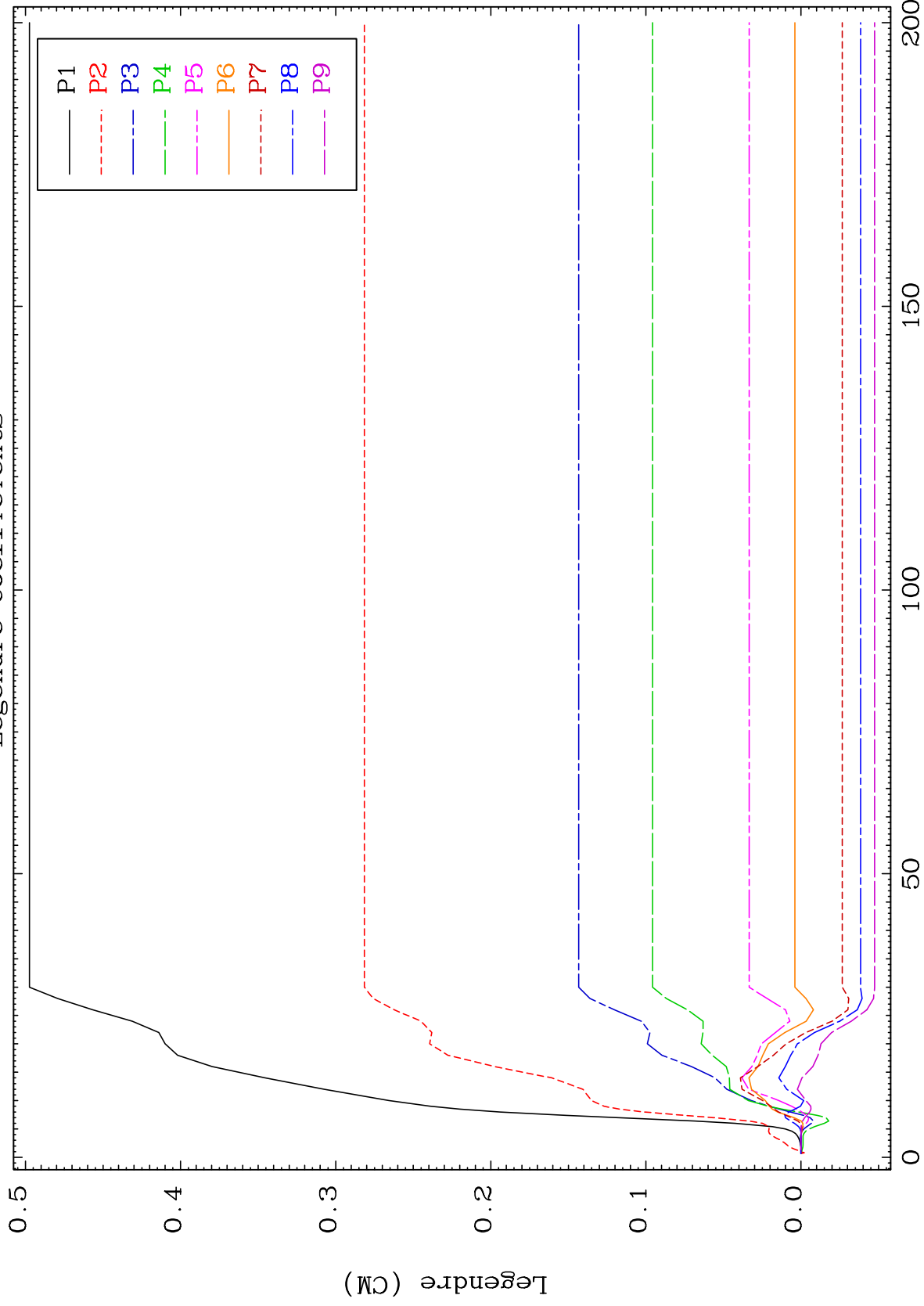
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51-Sb-125

MAT 5137

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

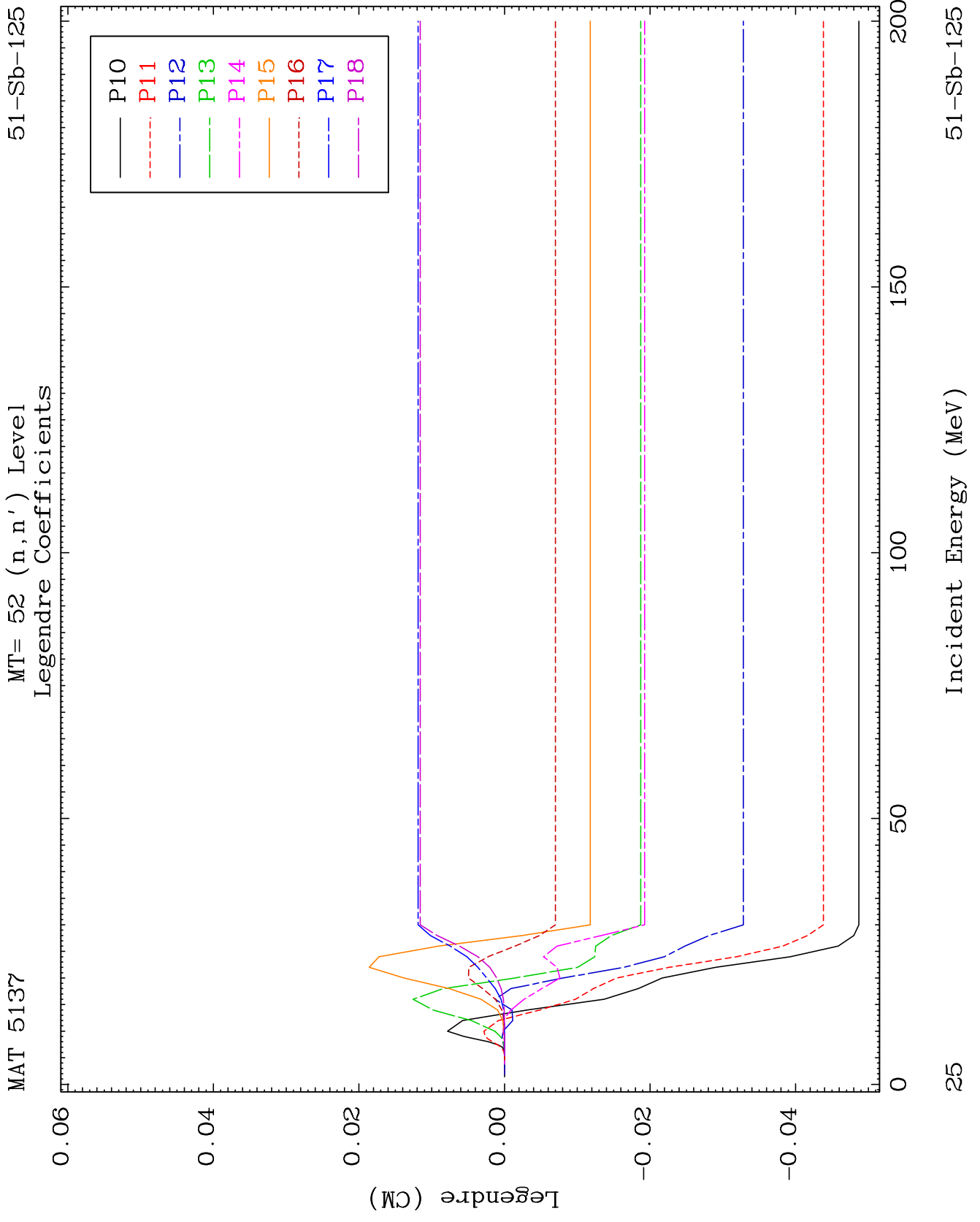
51-Sb-125



24

Incident Energy (MeV)

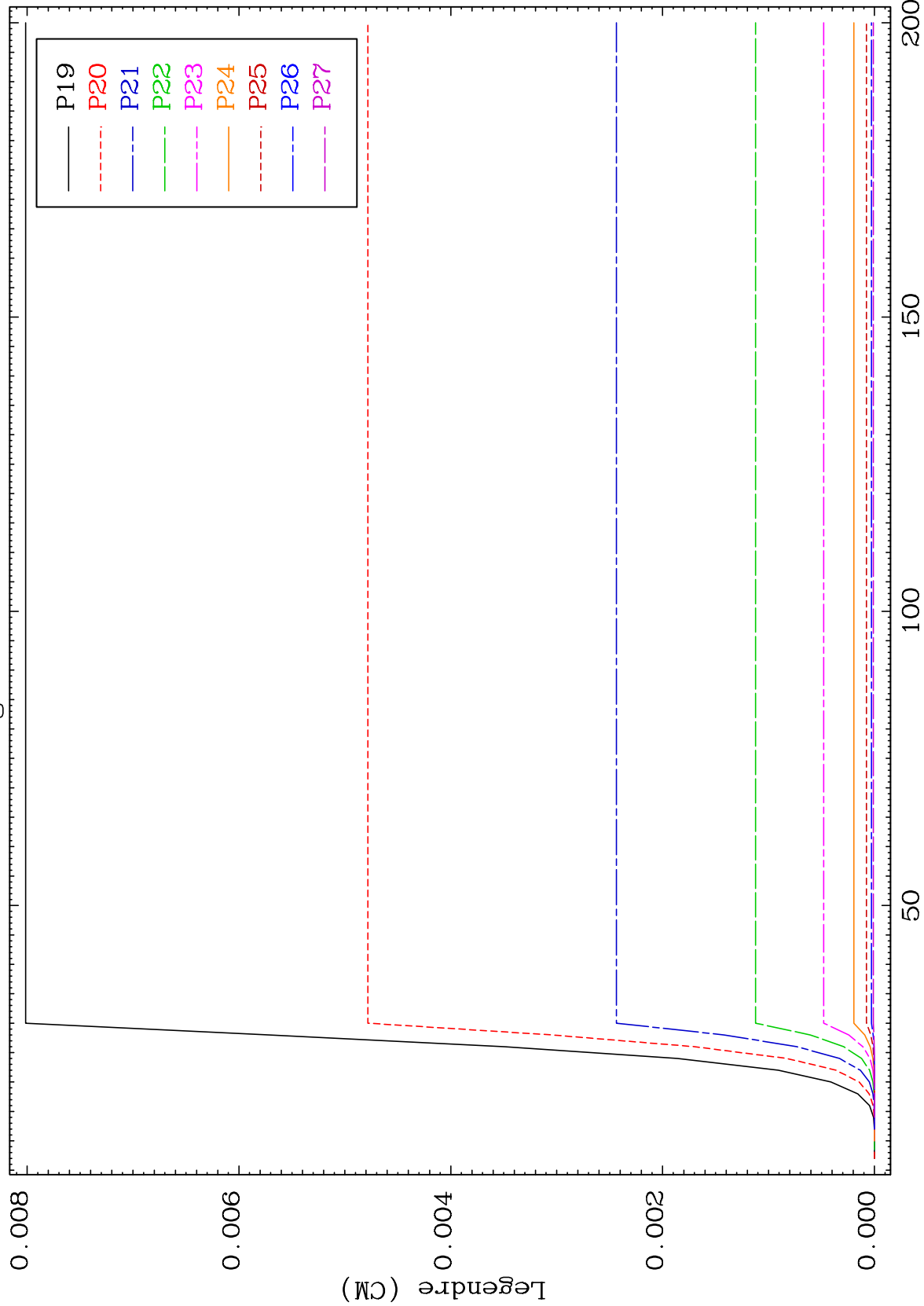
51-Sb-125



MAT 5137

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

51-Sb-125



26

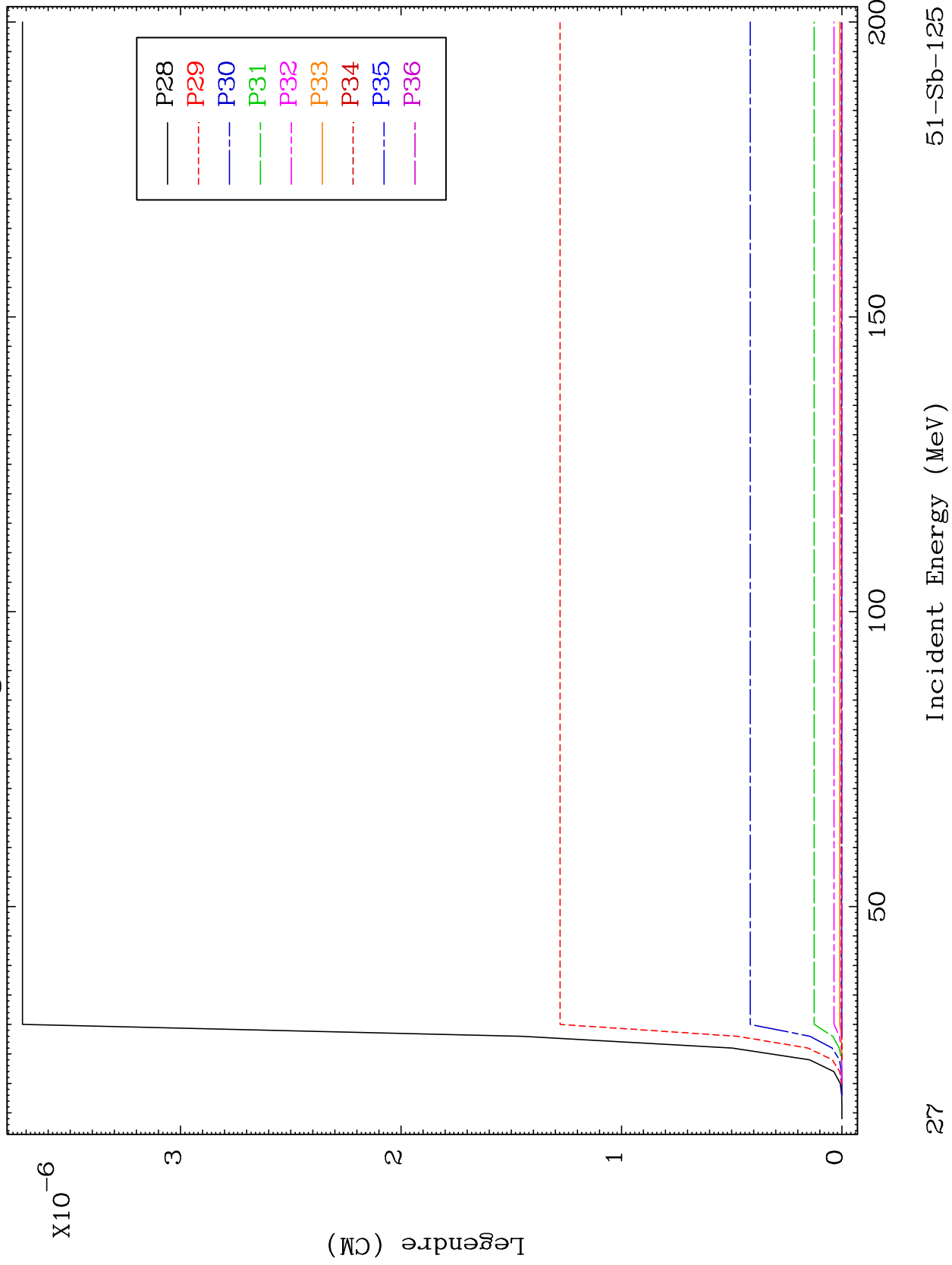
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

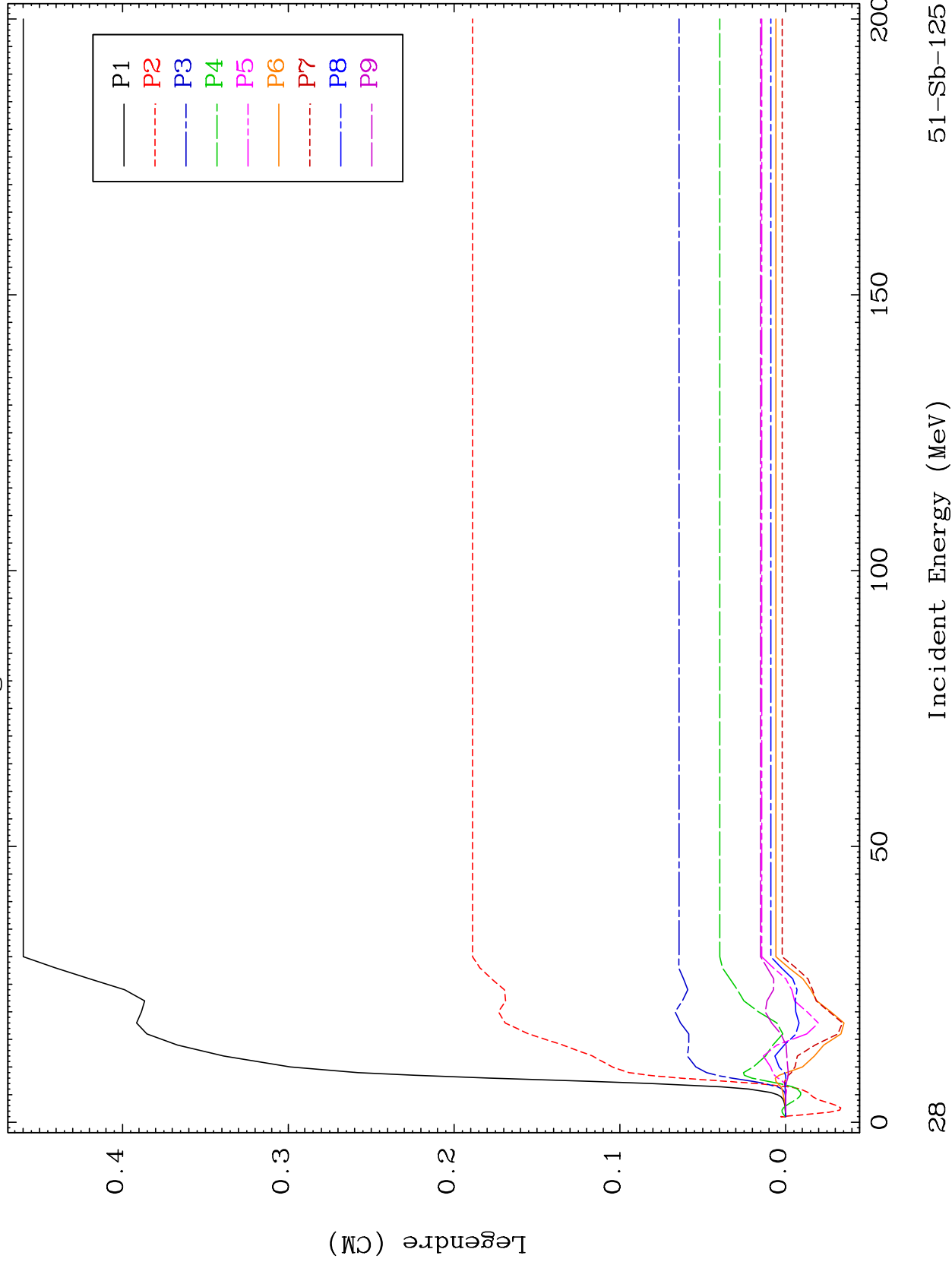
51-Sb-125



MAT 5137

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

51-Sb-125



51-Sb-125

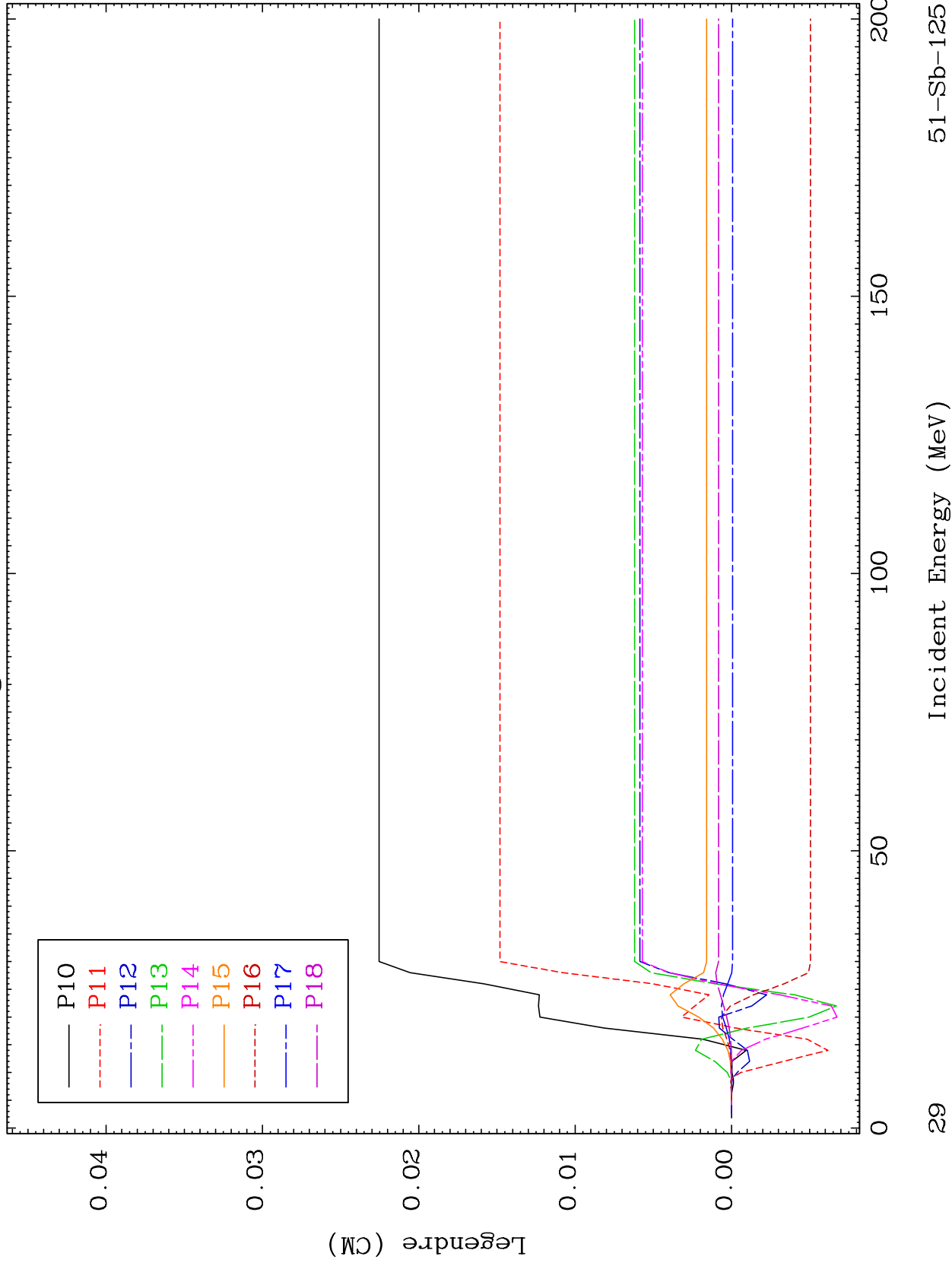
Incident Energy (MeV)

28

MAT 5137

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

51-Sb-125



29

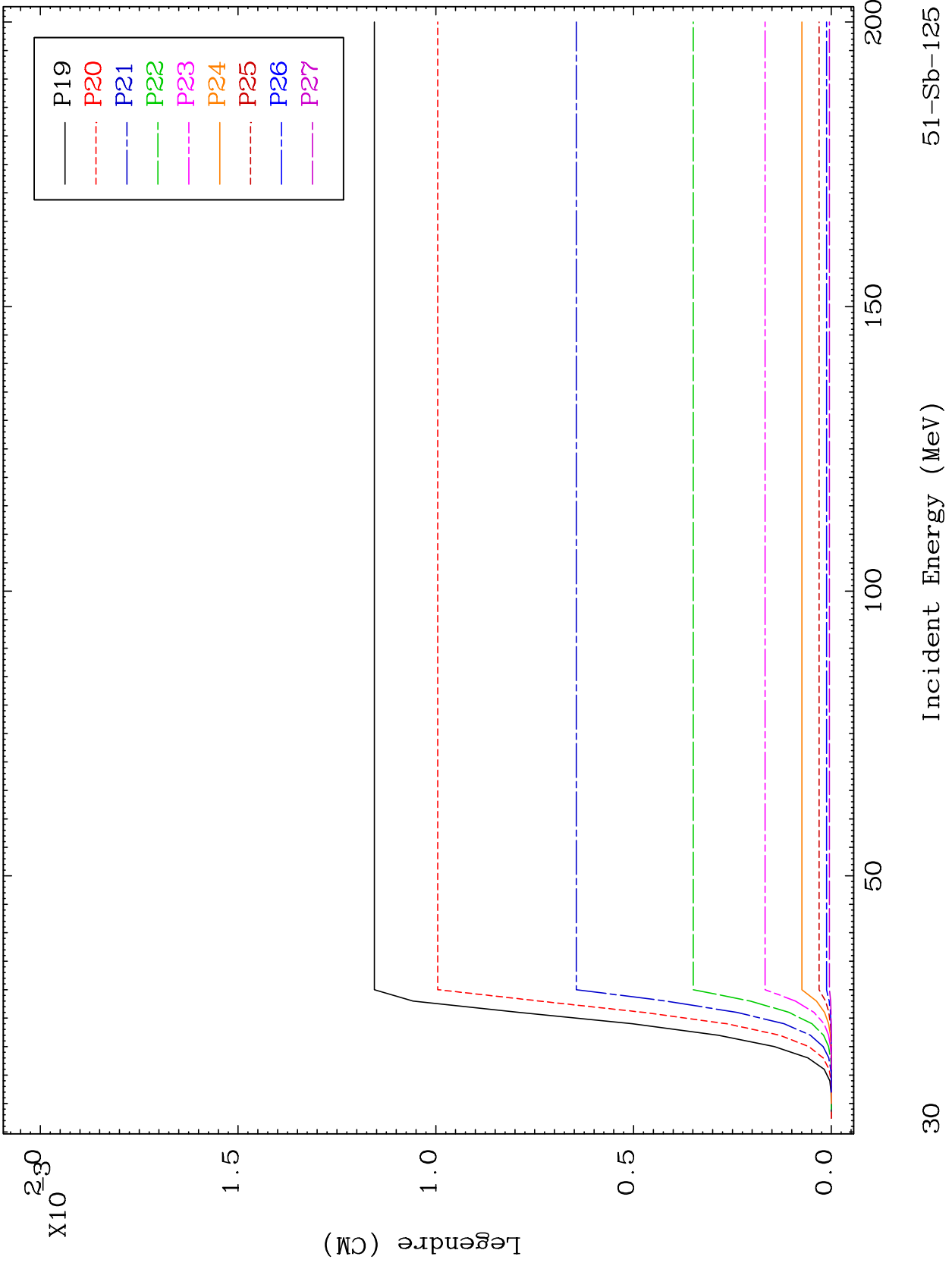
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



30

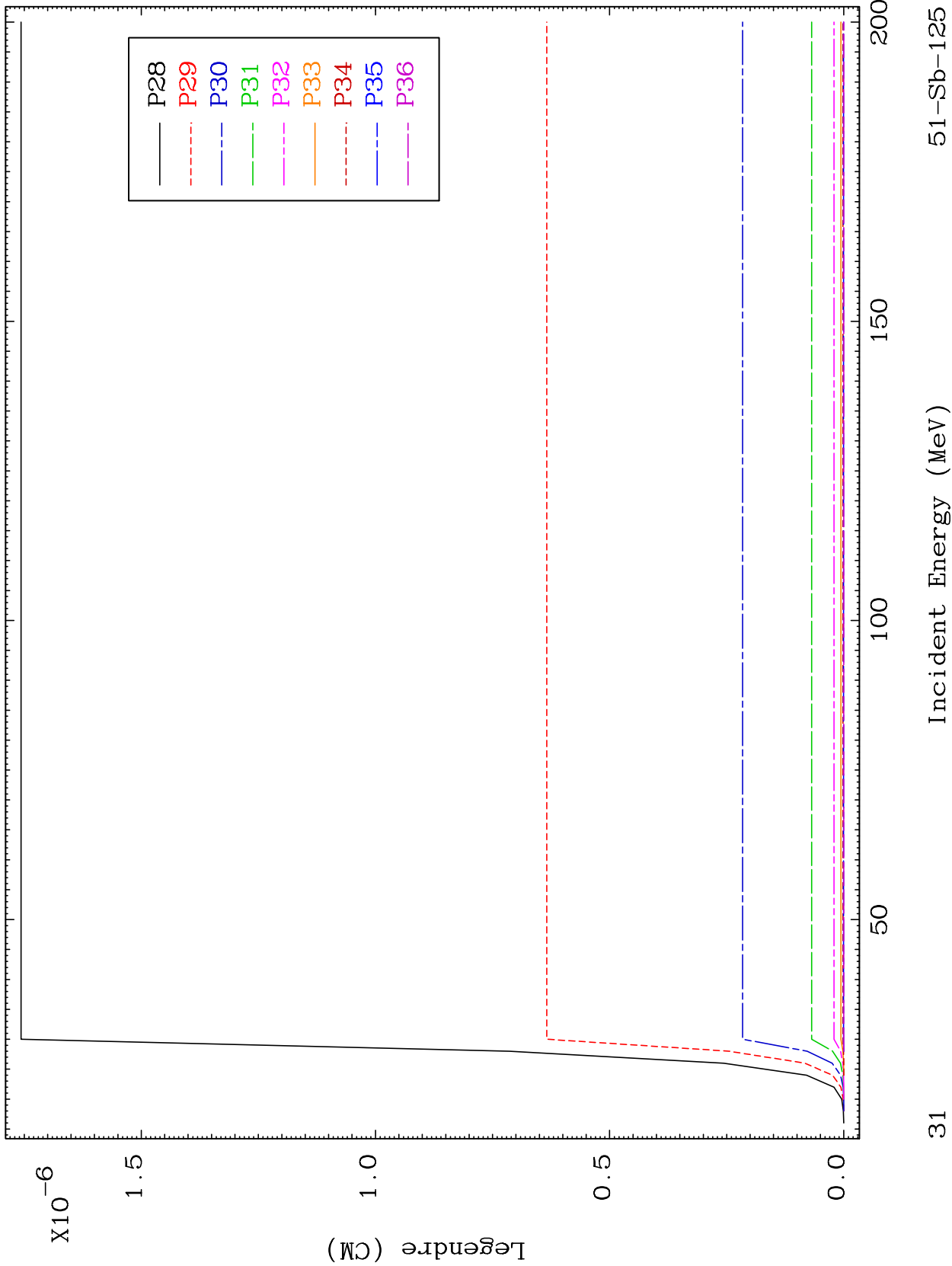
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125

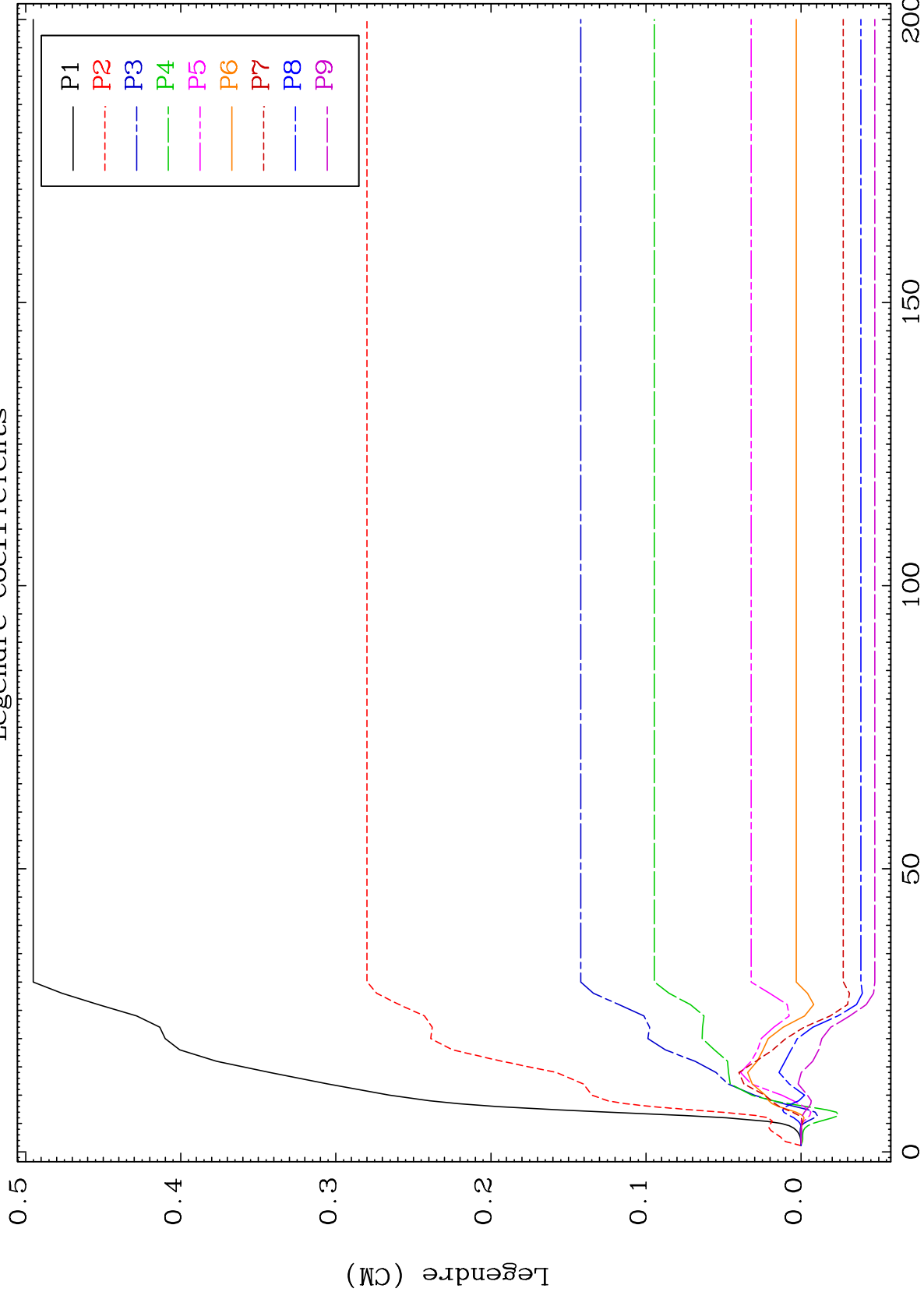


31

MAT 5137

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

51-Sb-125



51-Sb-125

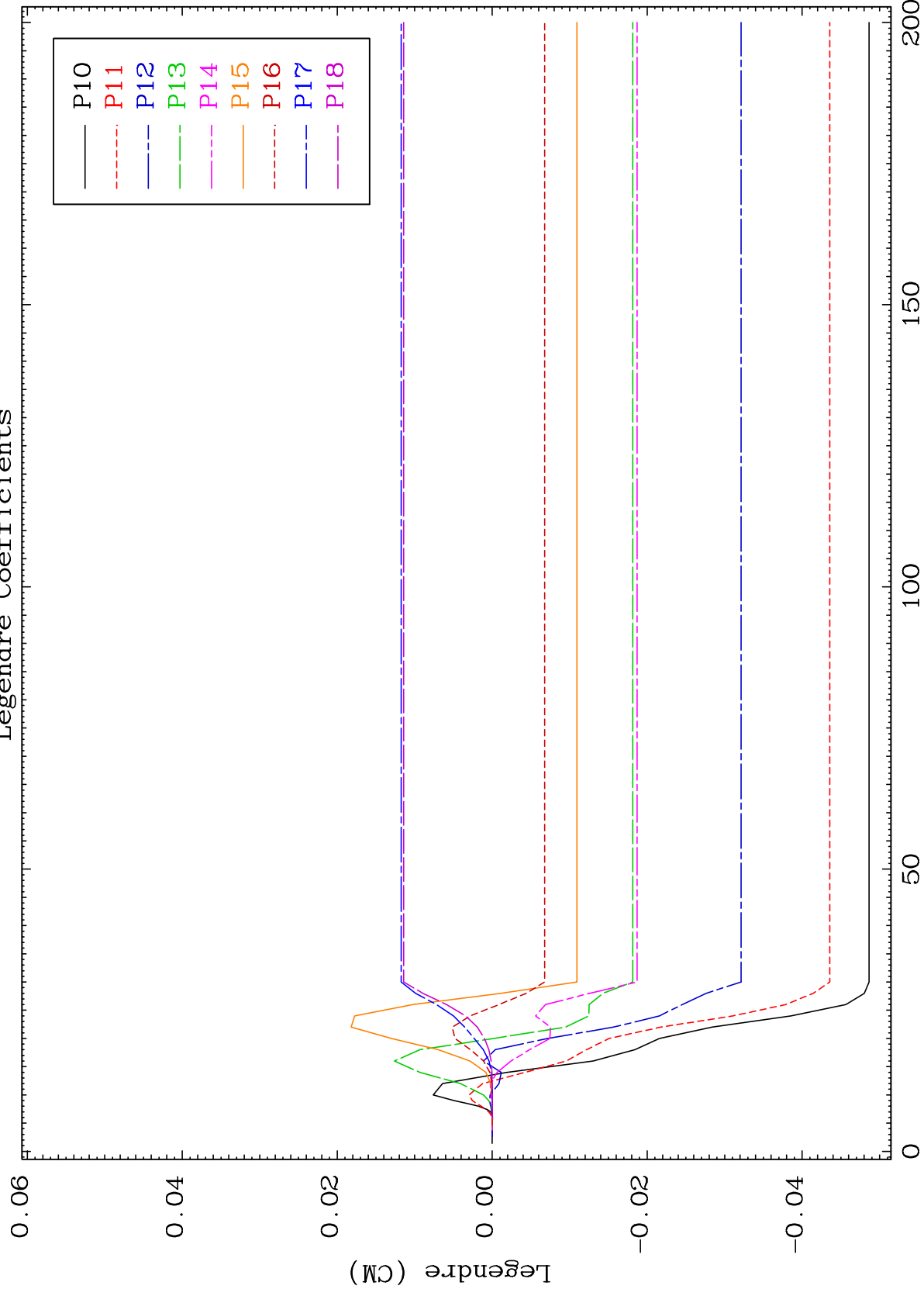
Incident Energy (MeV)

32

MAT 5137

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

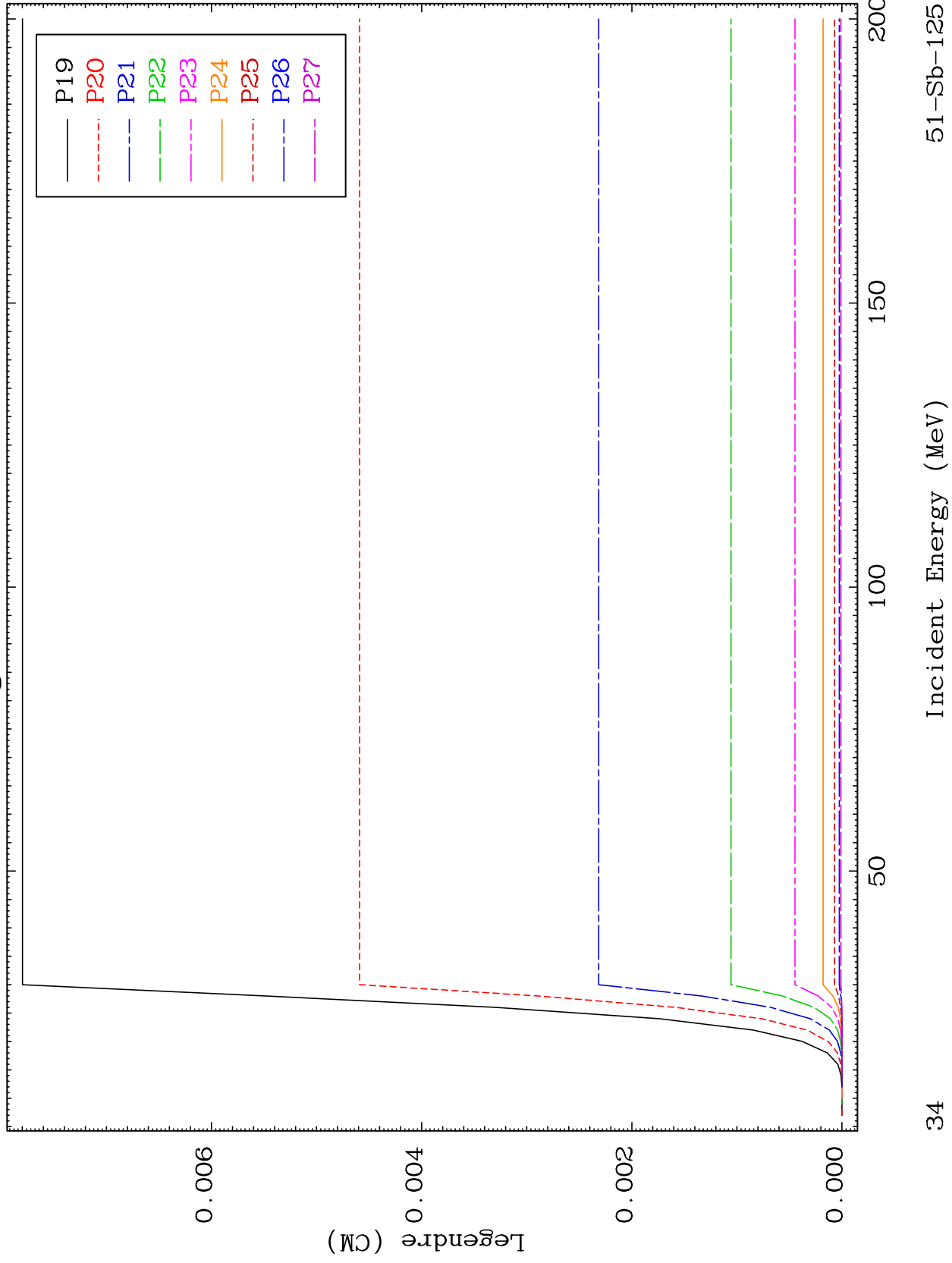
51-Sb-125



MAT 5137

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

51-Sb-125



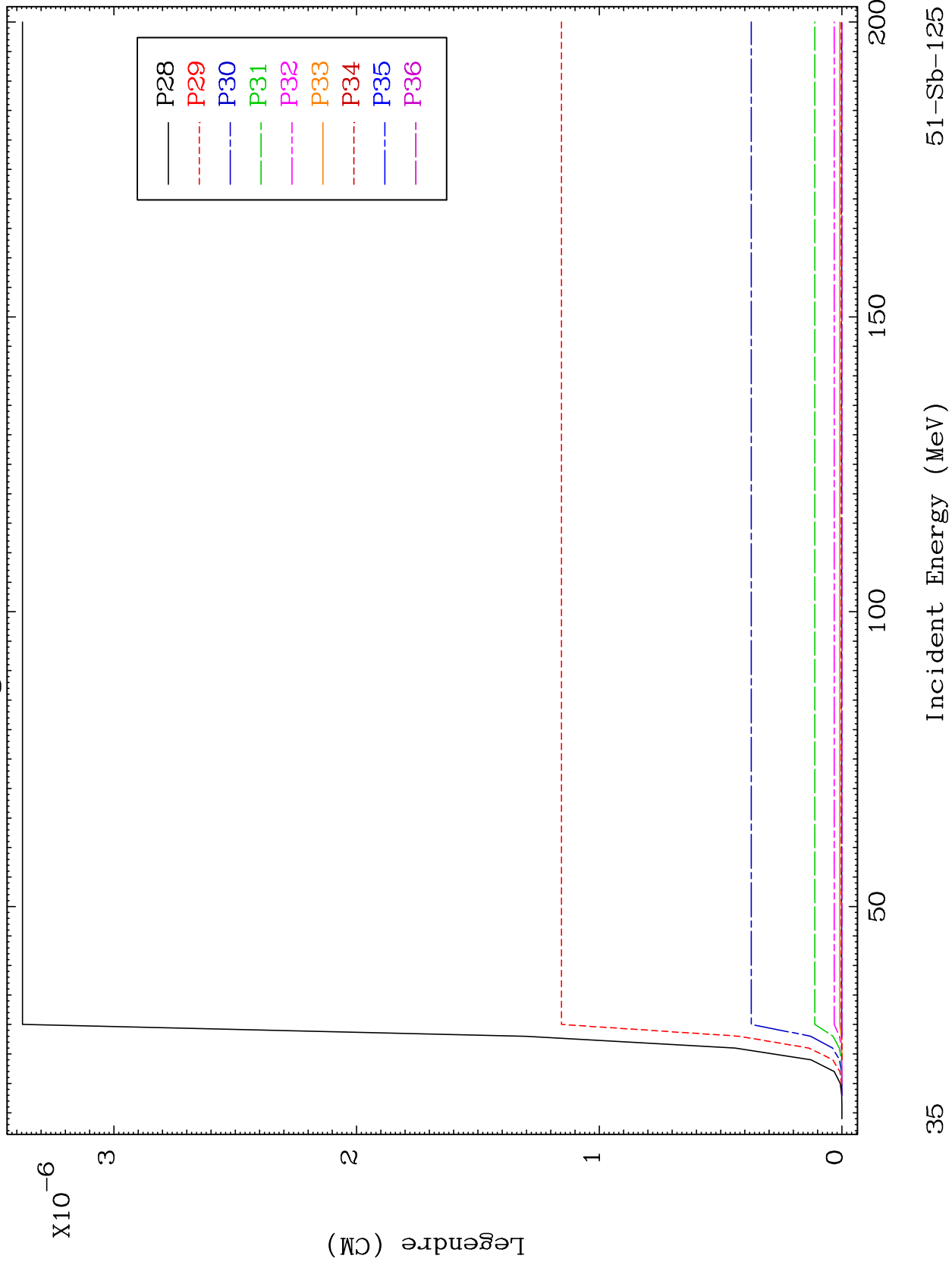
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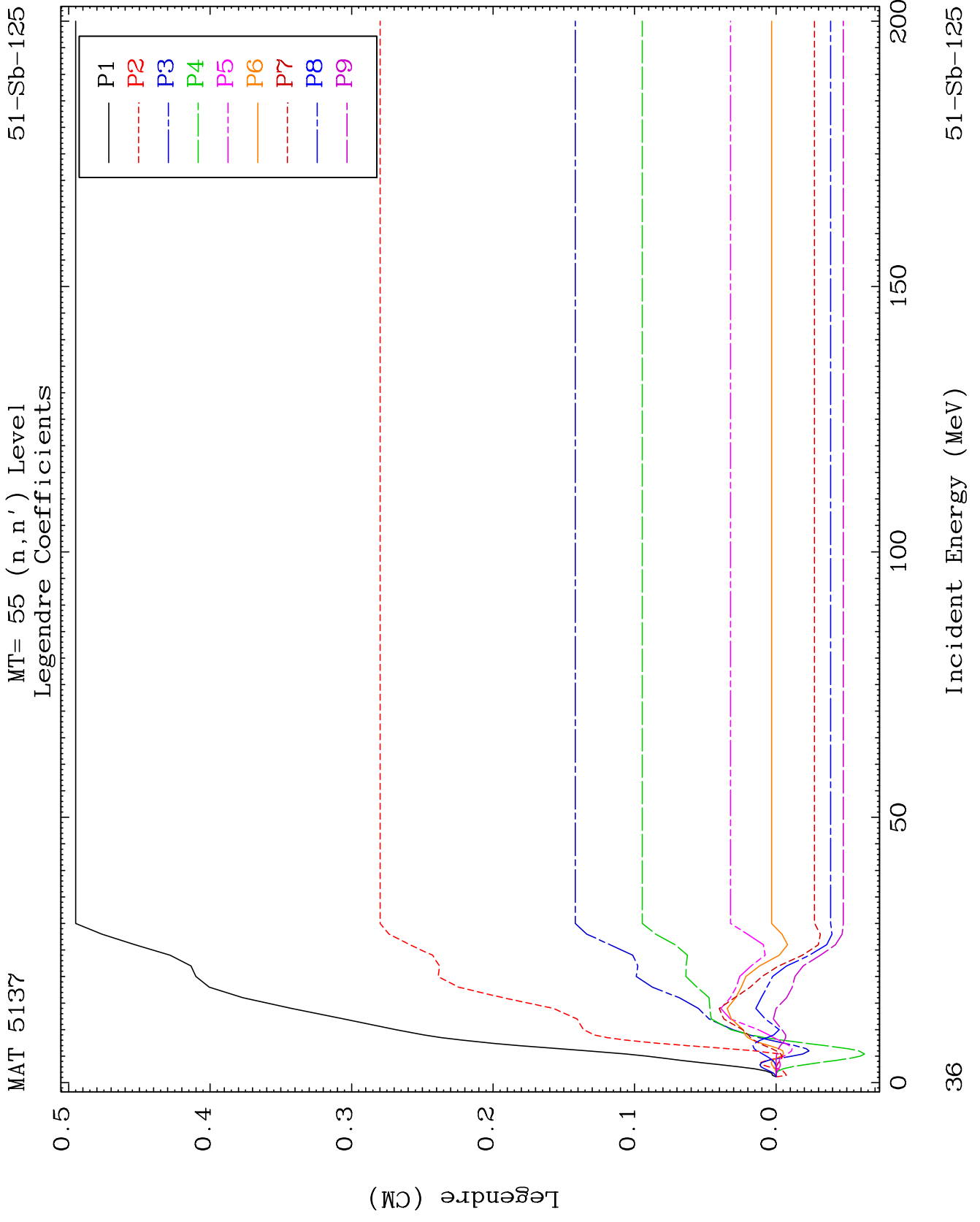
51-Sb-125

MAT 5137

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

51-Sb-125

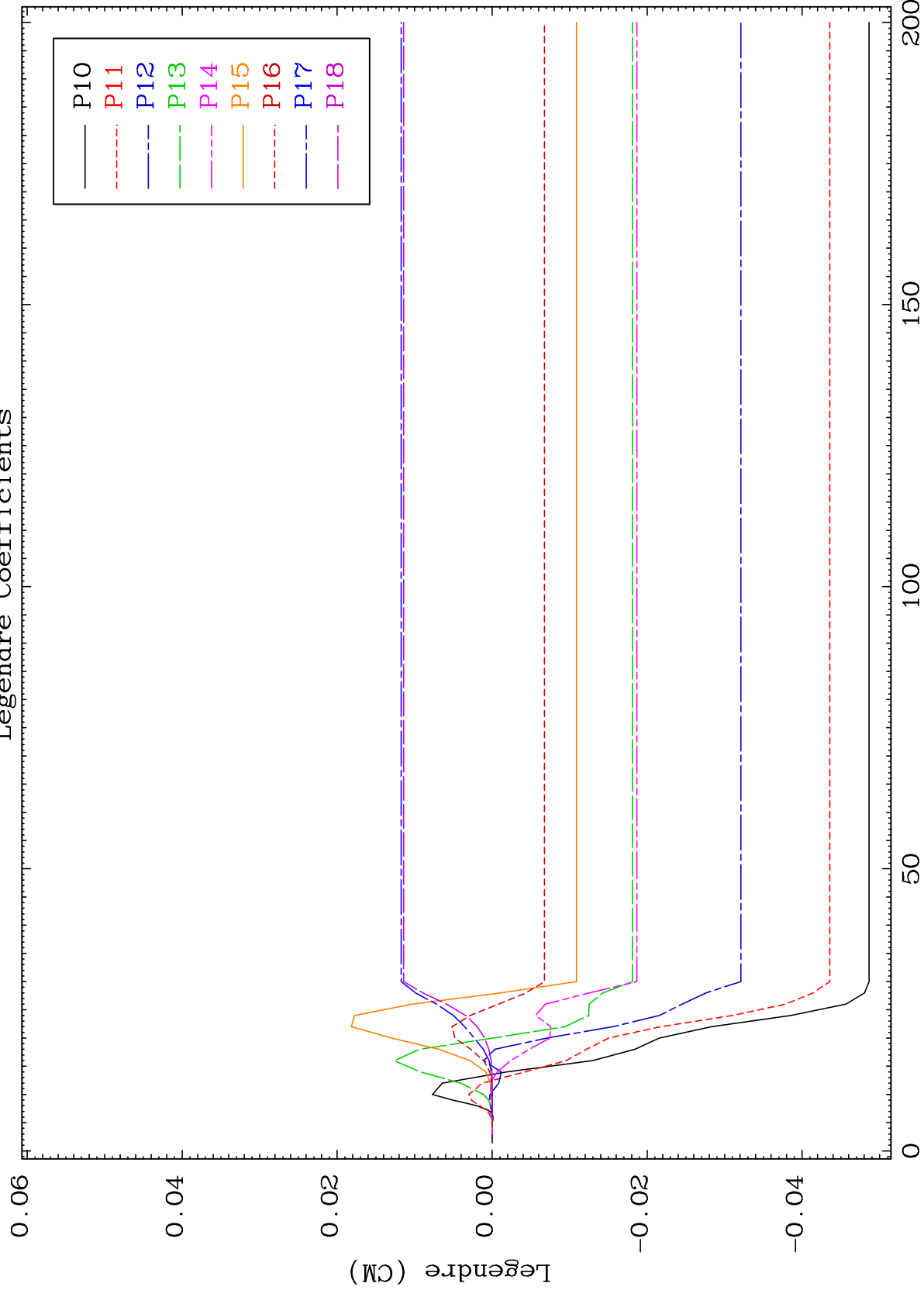




MAT 5137

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

51-Sb-125



37

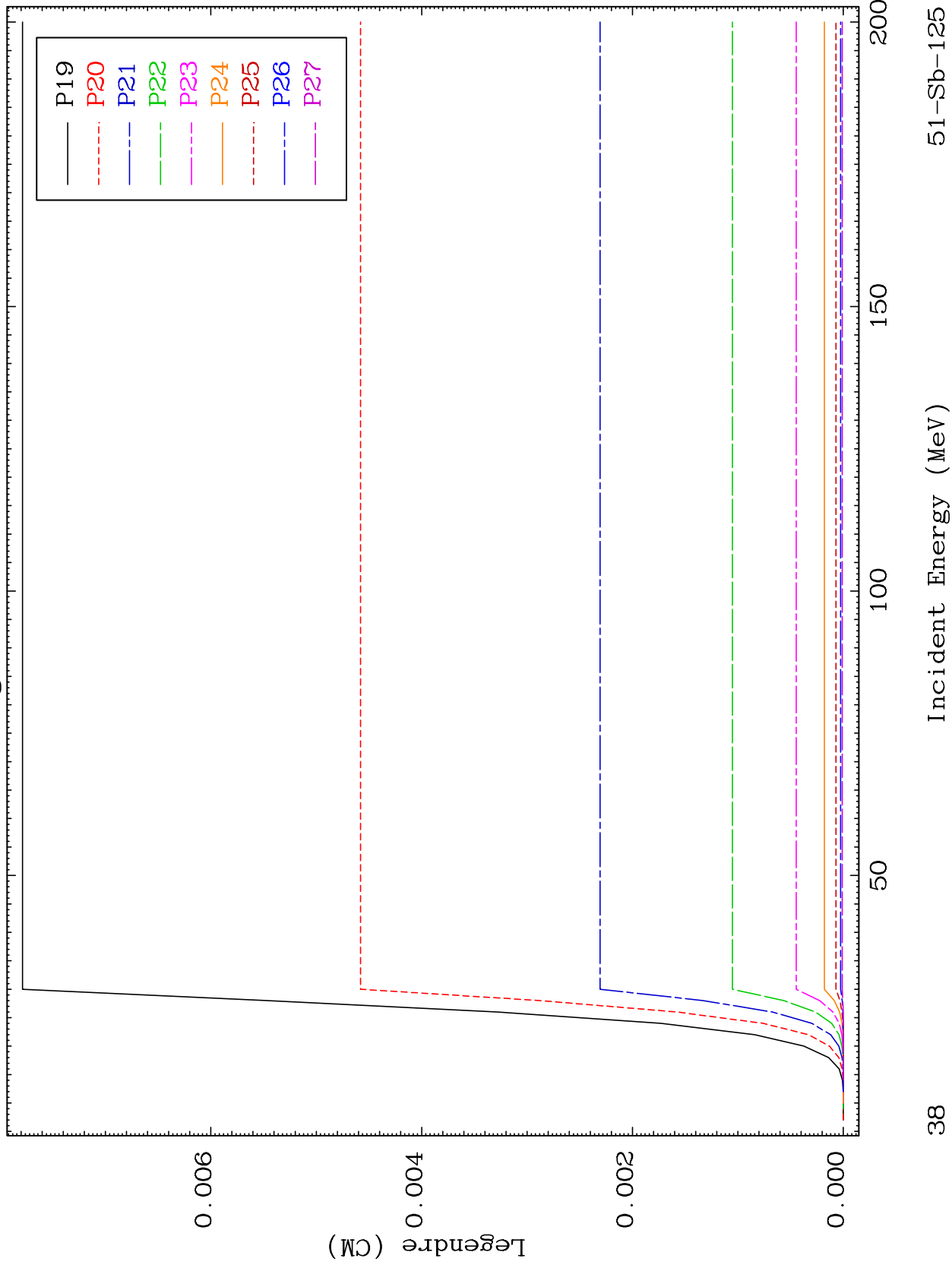
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



38

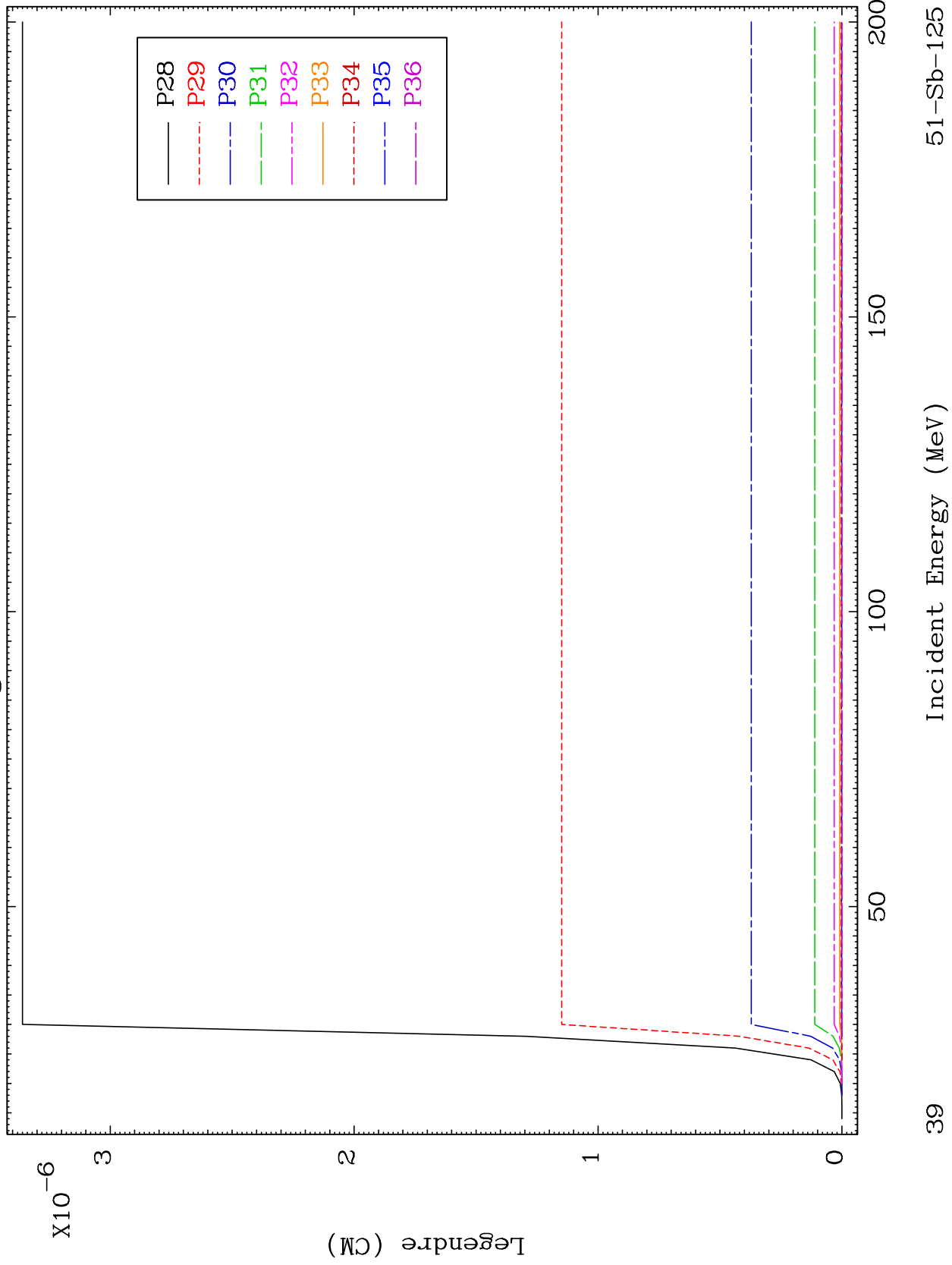
Incident Energy (MeV)

51-Sb-125

MAT 5137

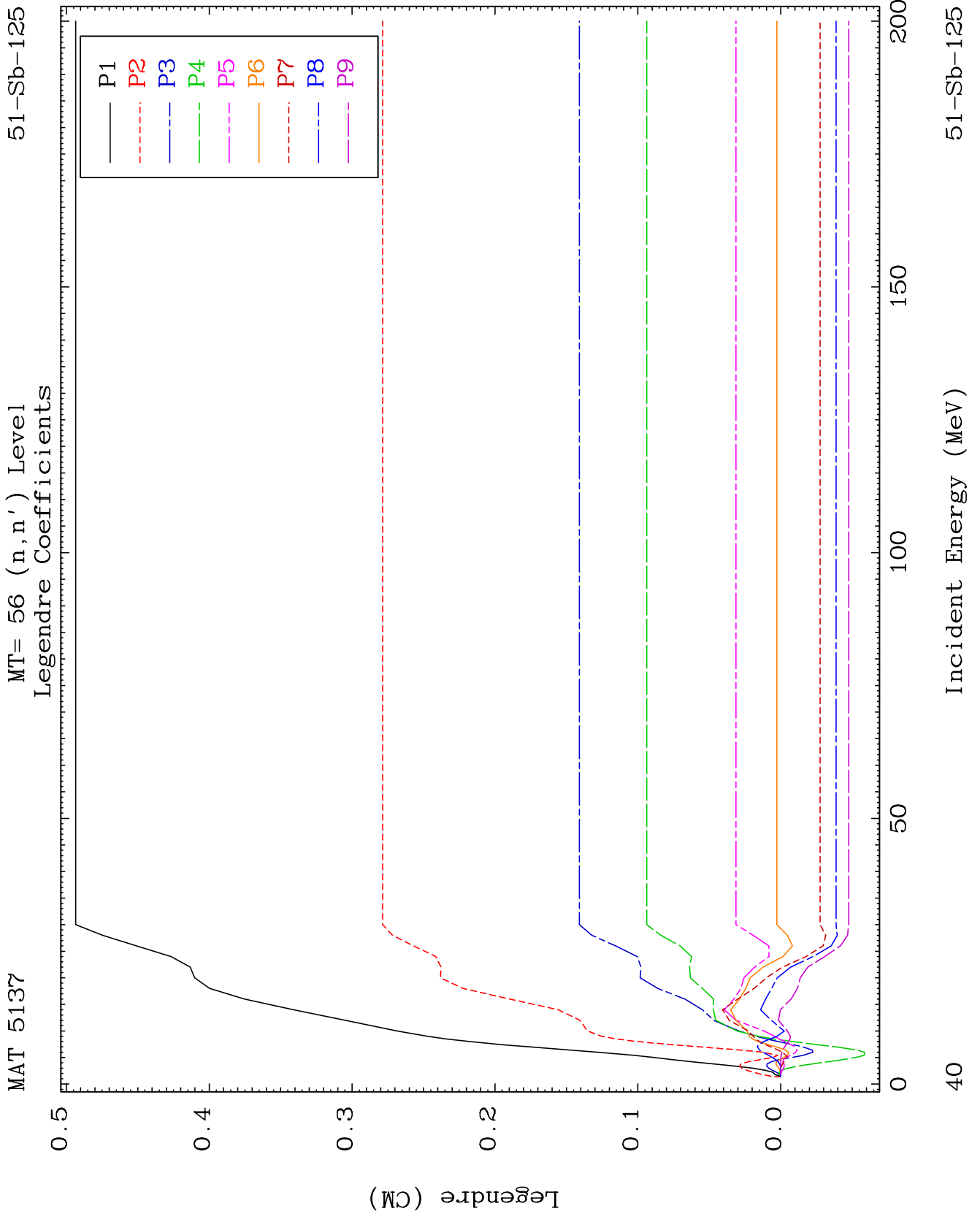
MT= 55 (n,n') Level  
Legendre Coefficients

51-Sb-125



39

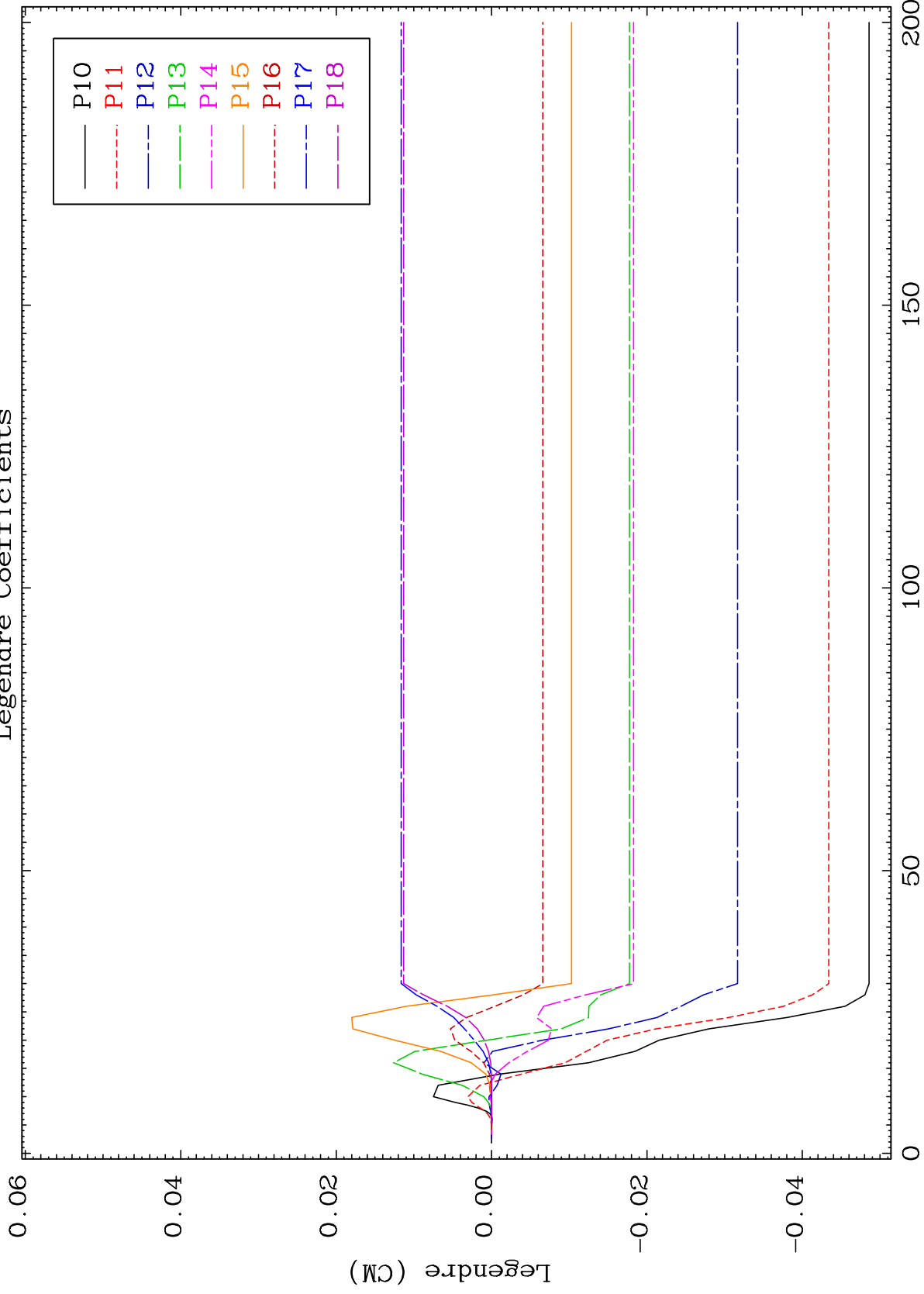
51-Sb-125



MAT 5137

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

51-Sb-125



41

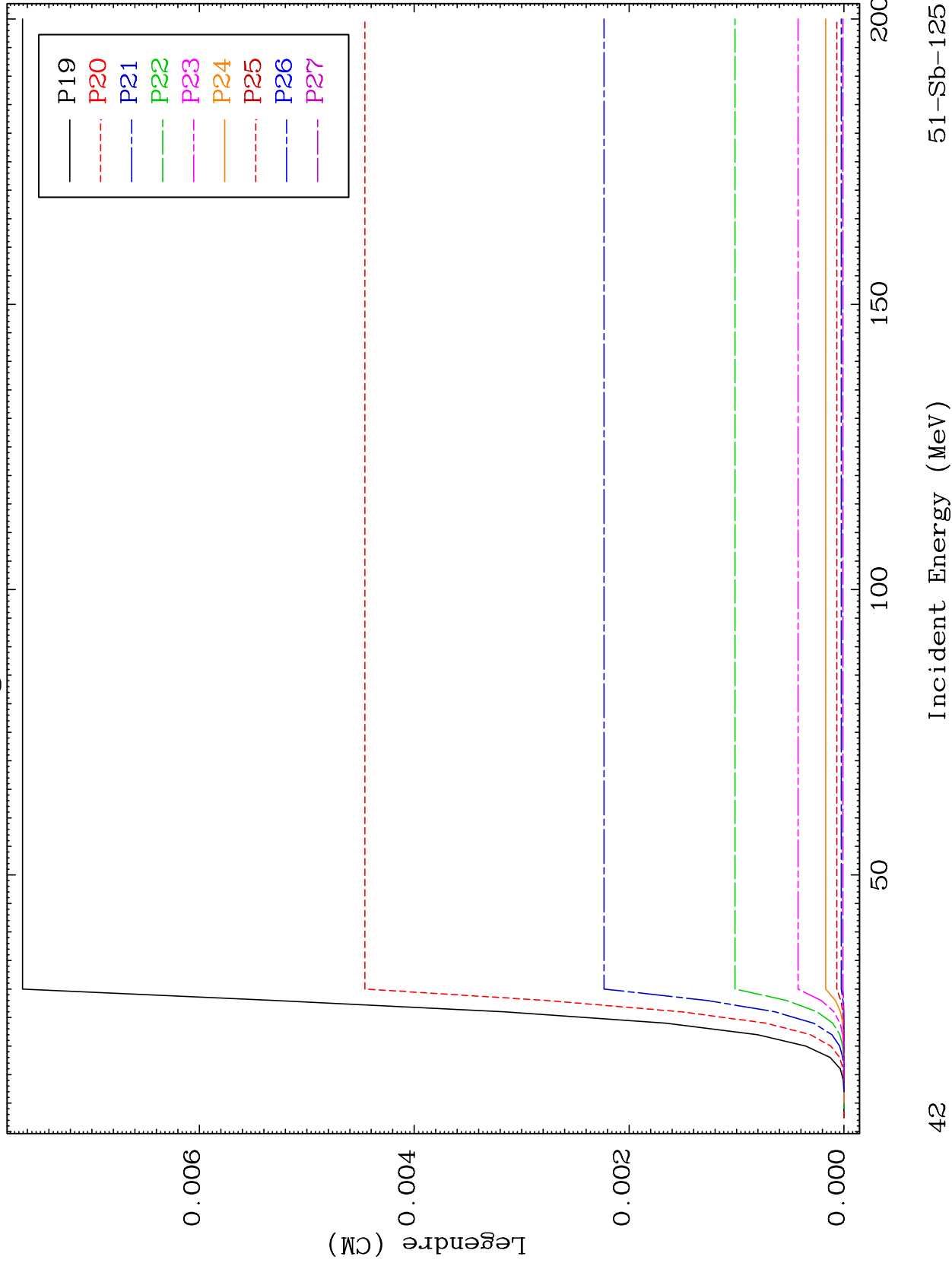
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



42

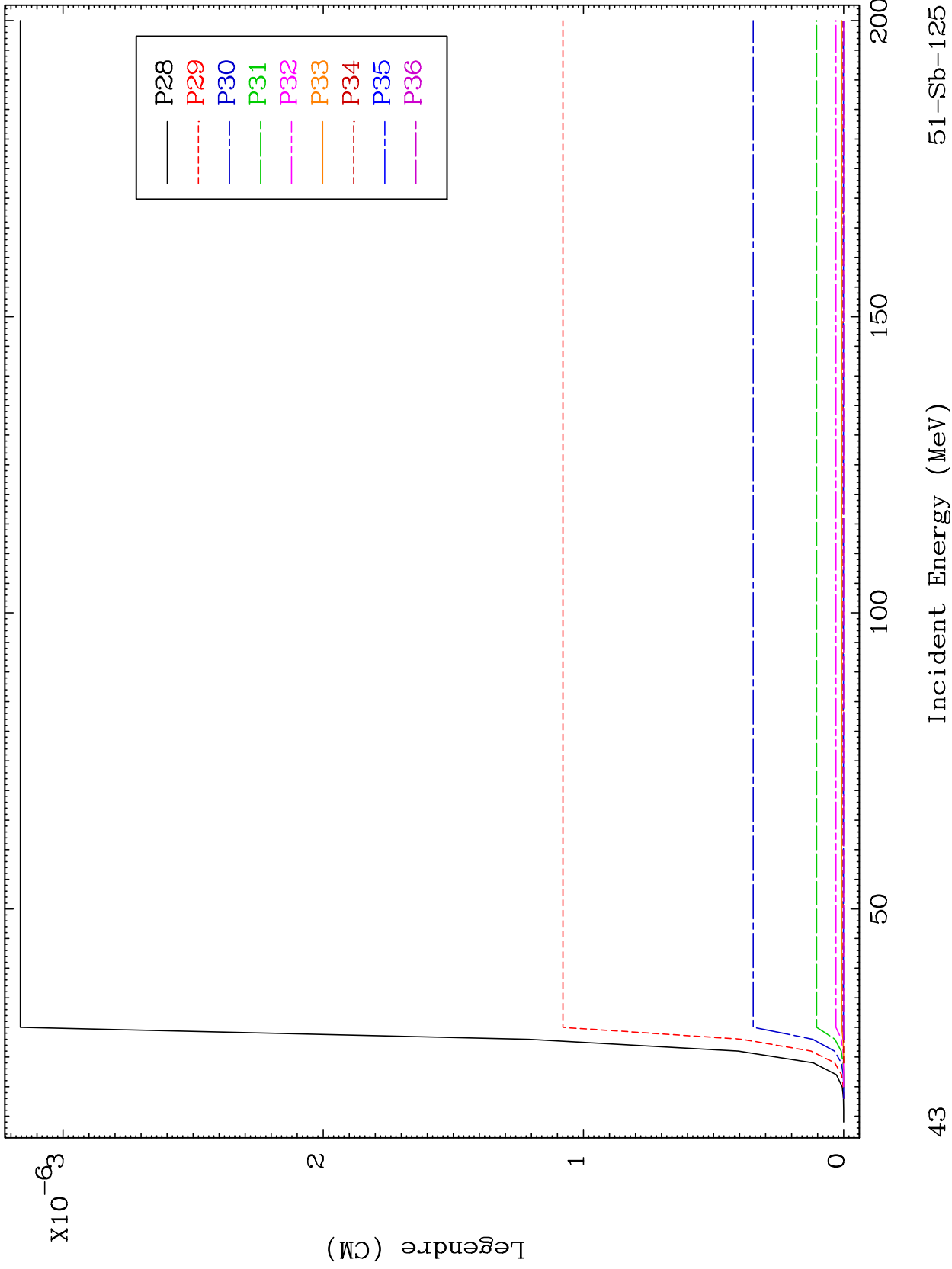
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

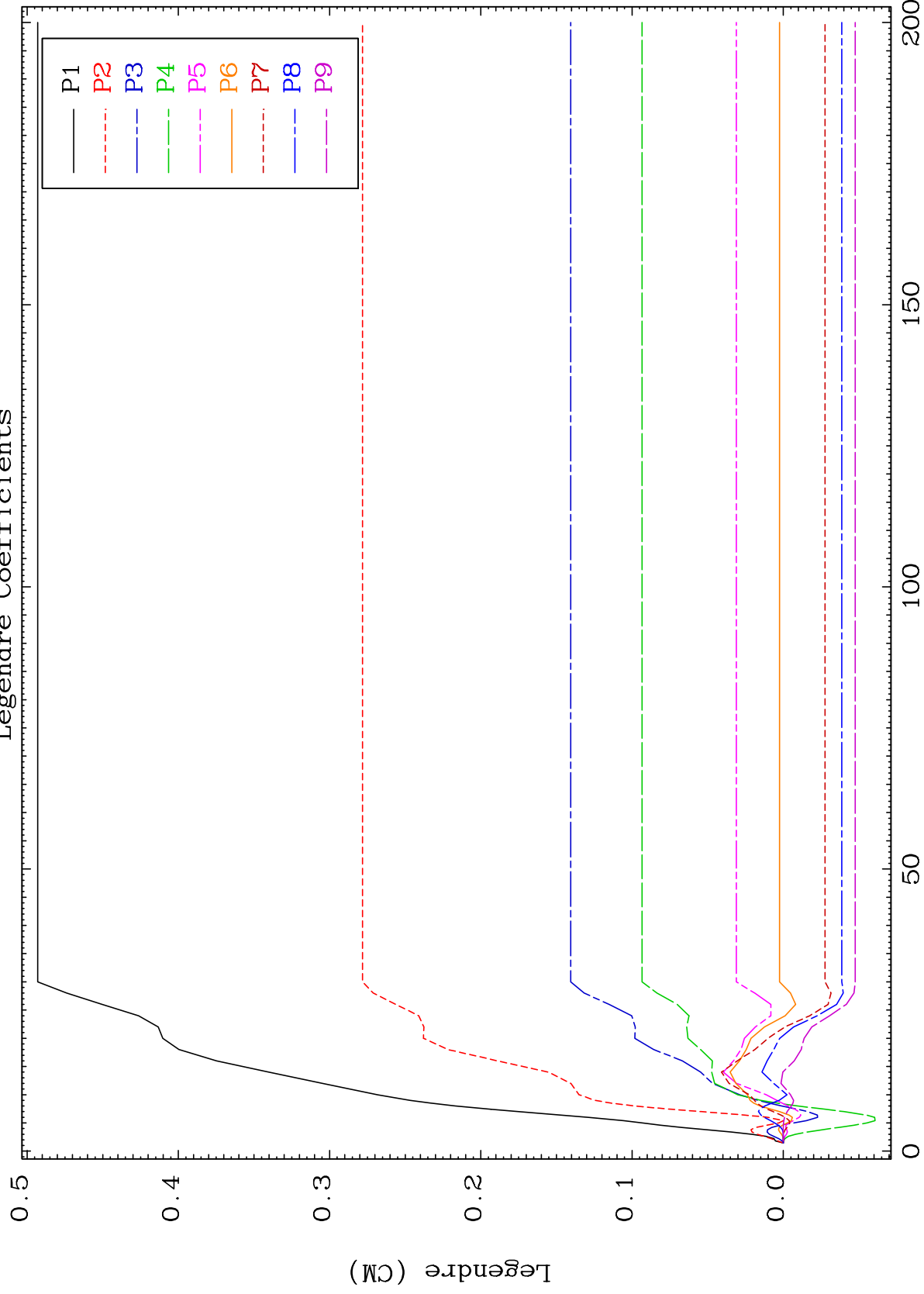
51-Sb-125



MAT 5137

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

51-Sb-125



44

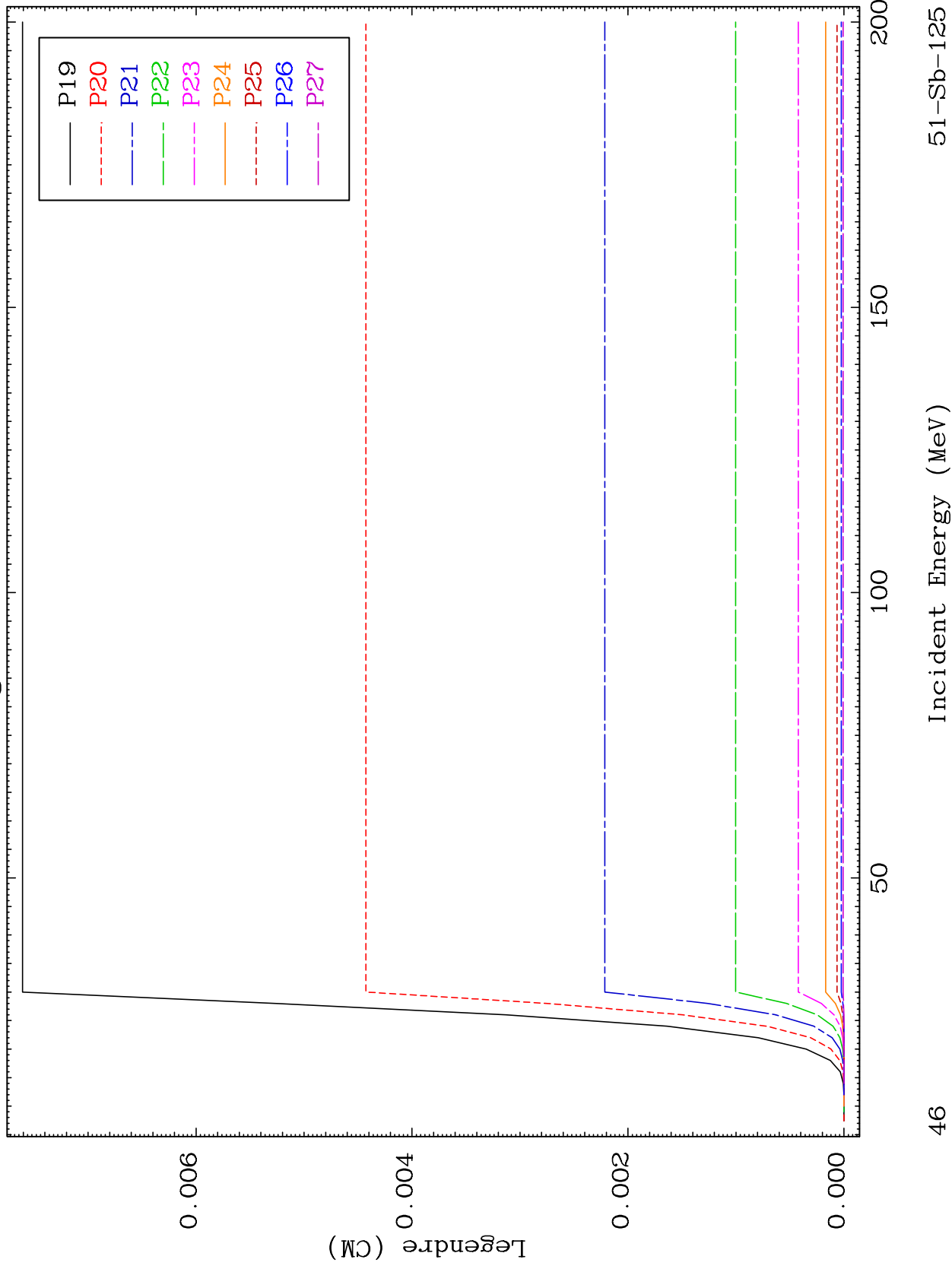
51-Sb-125



MAT 5137

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

51-Sb-125



46

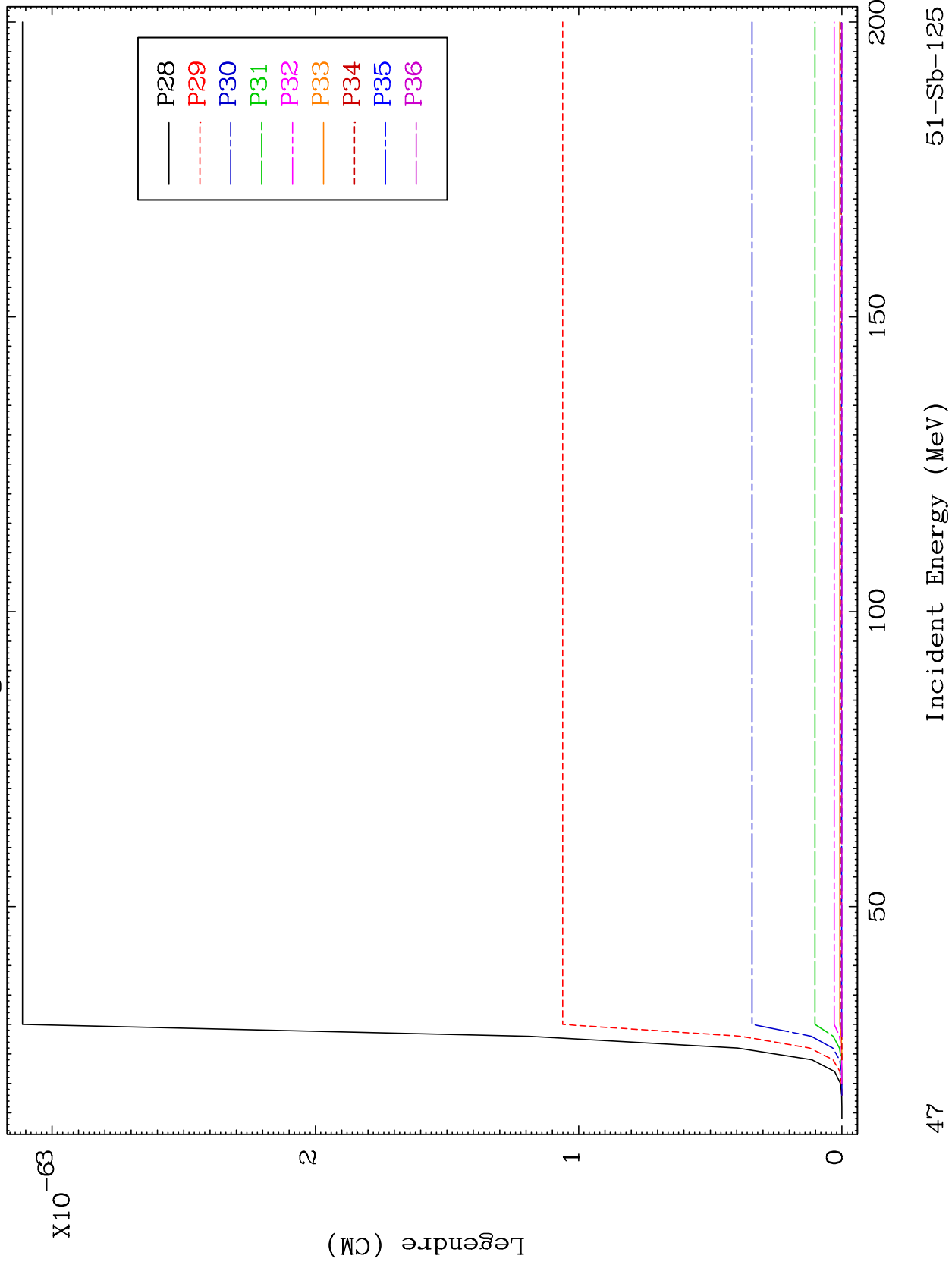
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125

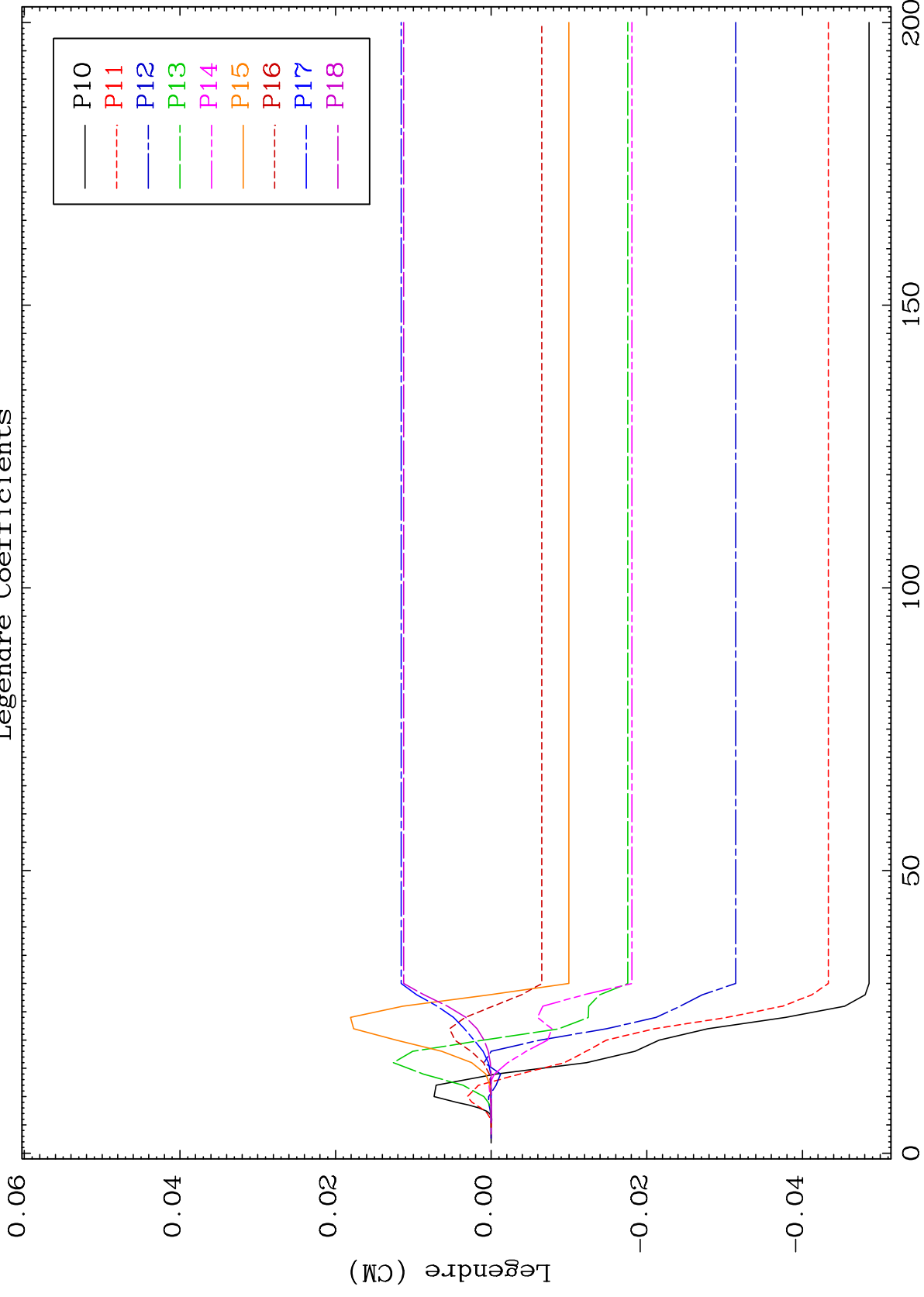




MAT 5137

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

51-Sb-125



49

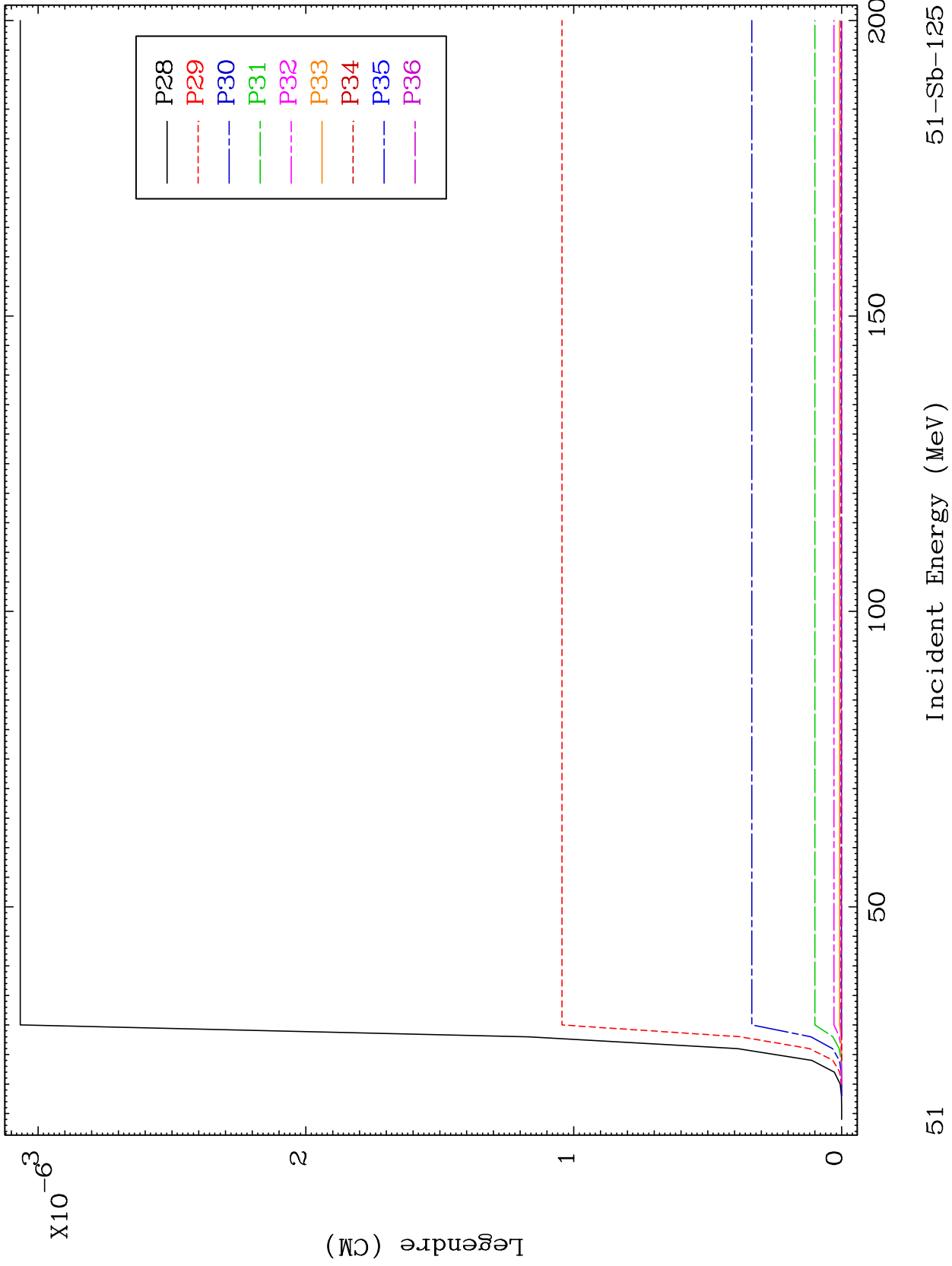
51-Sb-125



MAT 5137

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

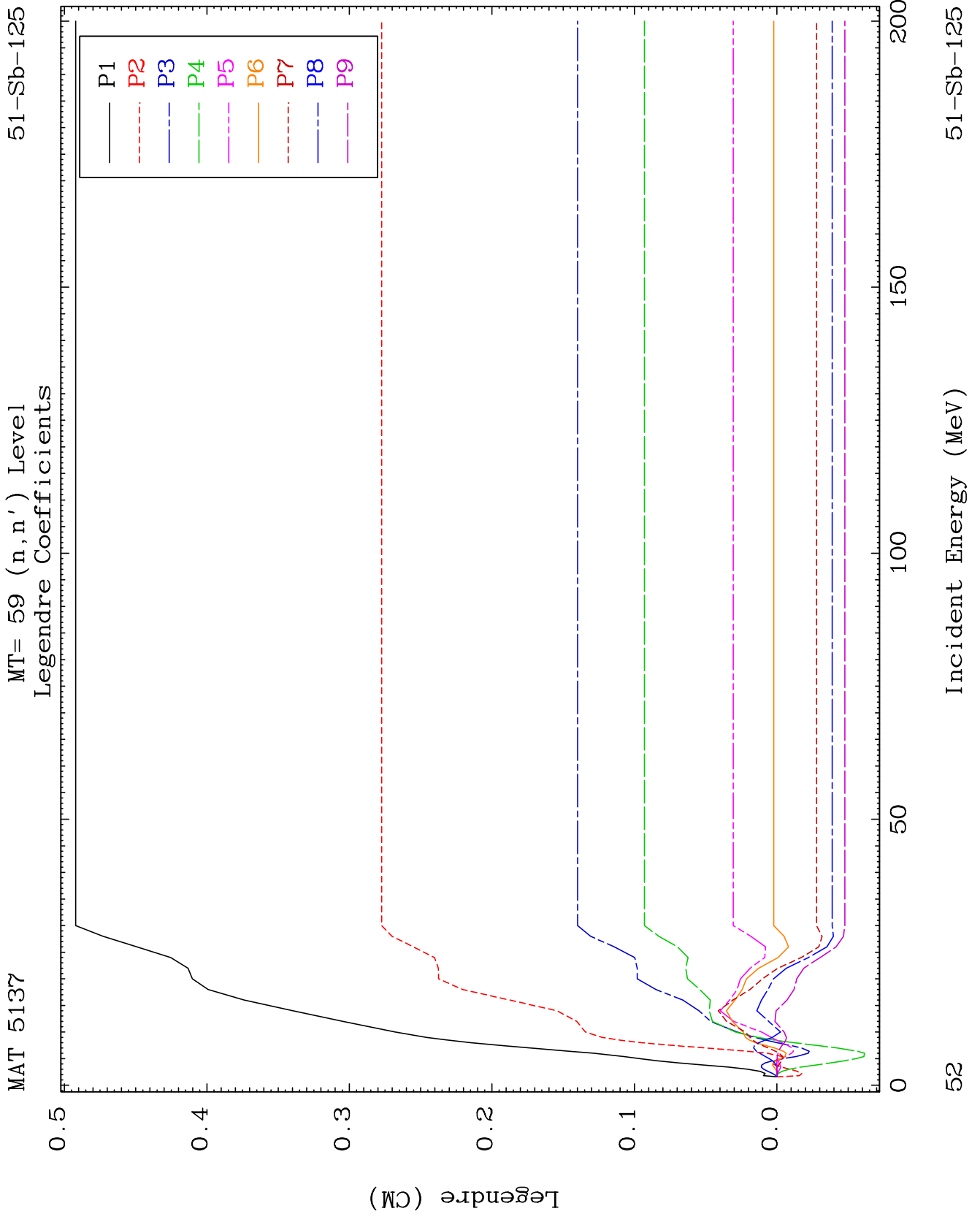
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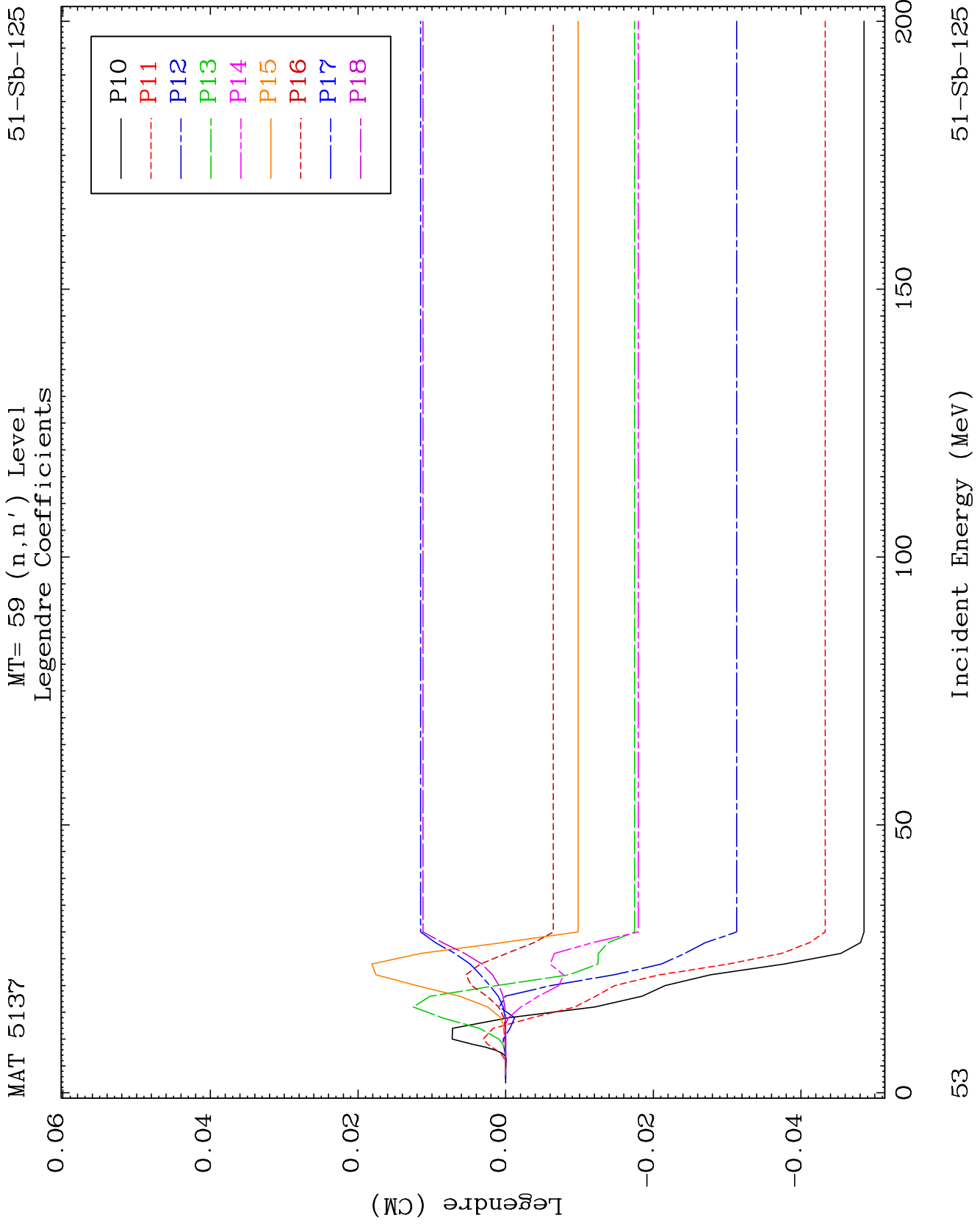


51

Incident Energy (MeV)

51-Sb-125



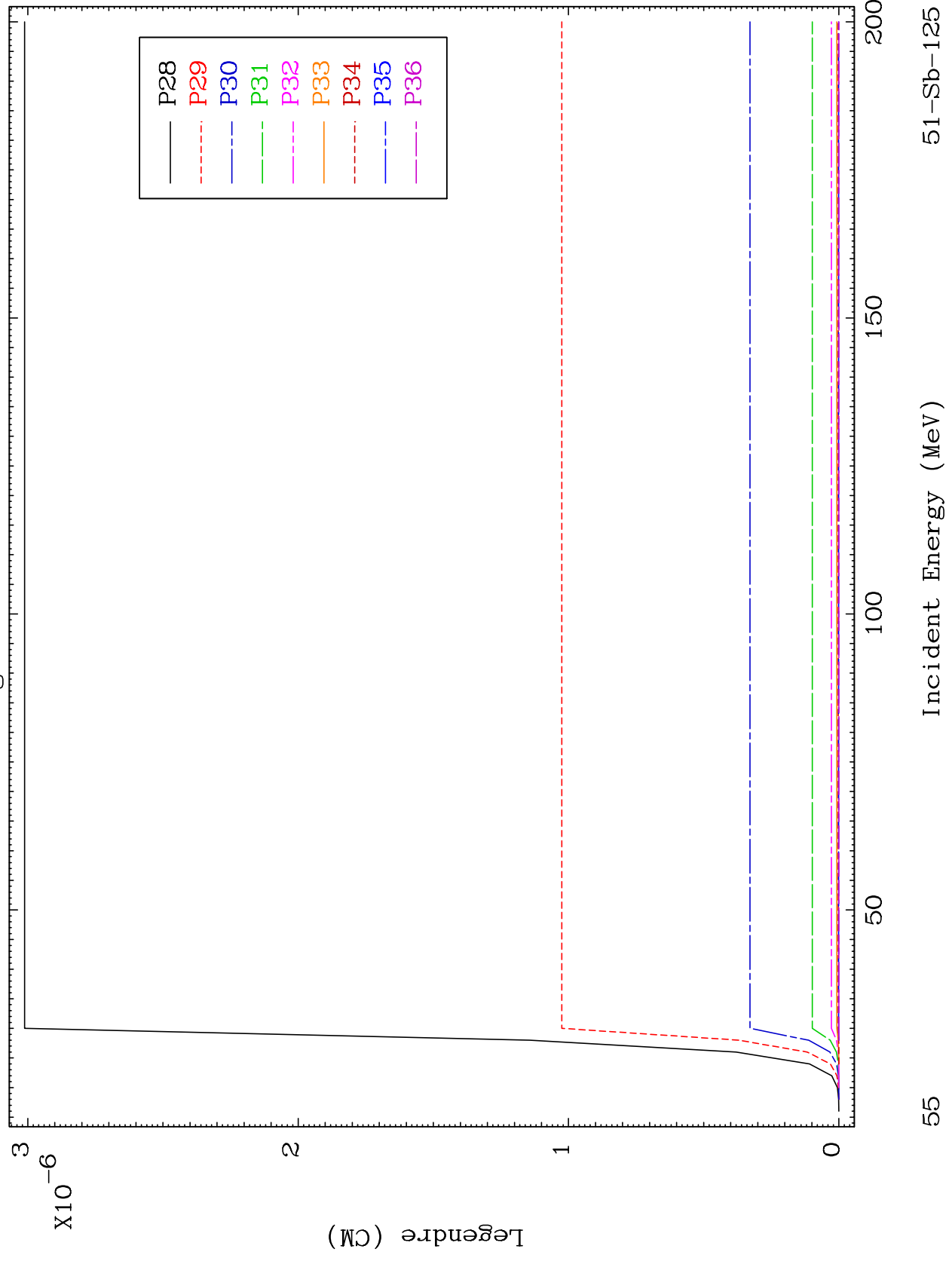




MAT 5137

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

51-Sb-125



55

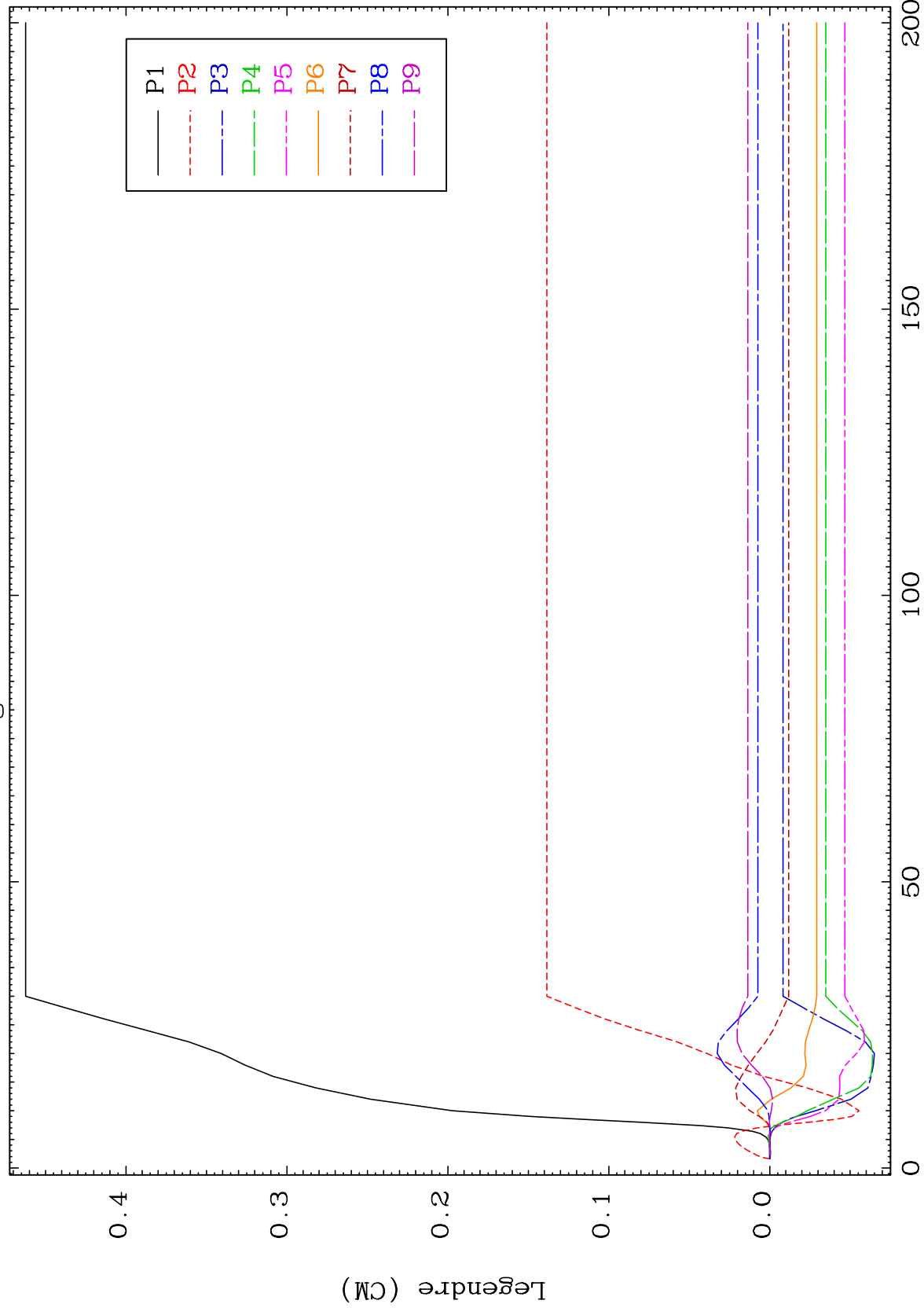
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

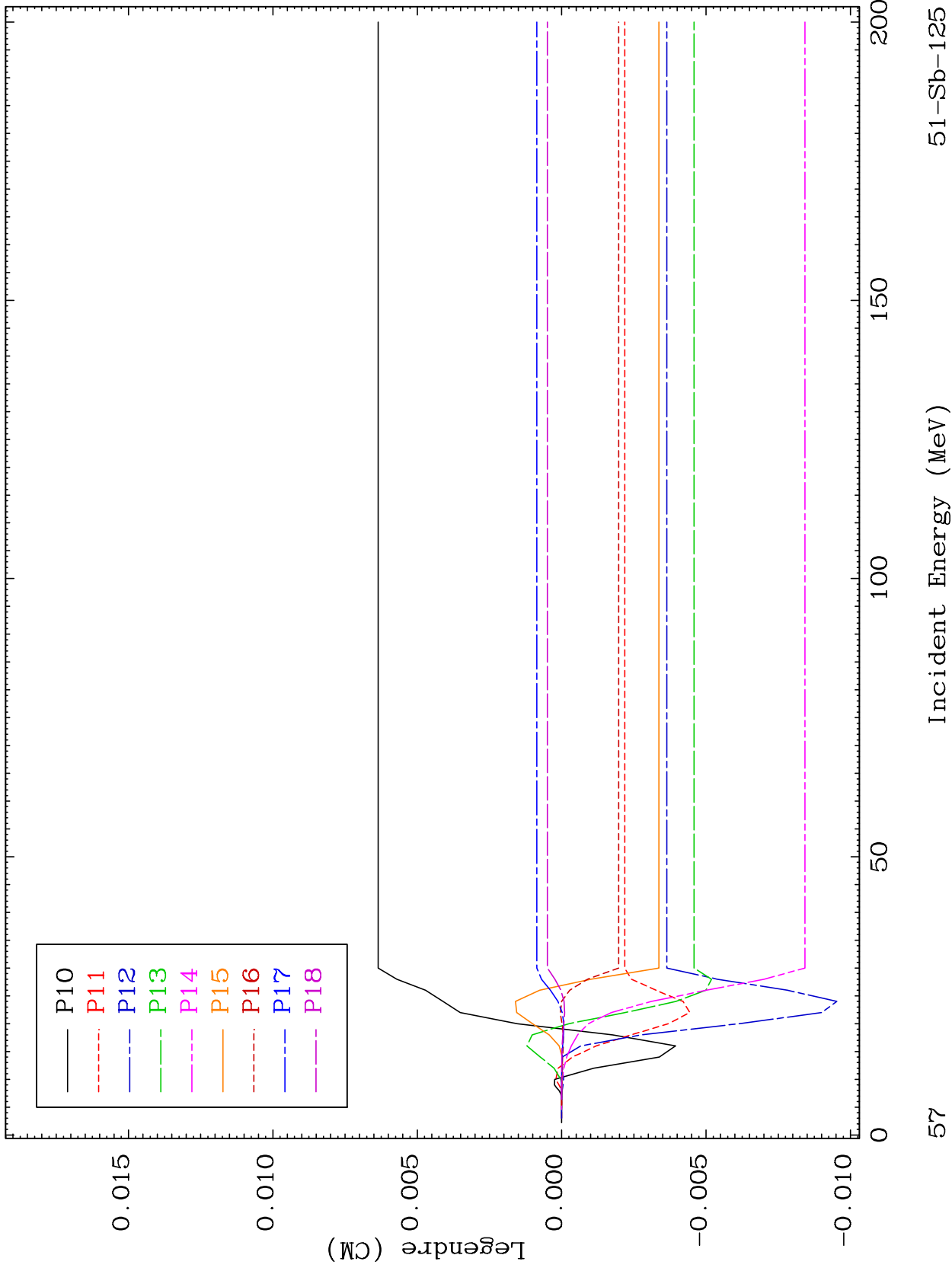
51-Sb-125

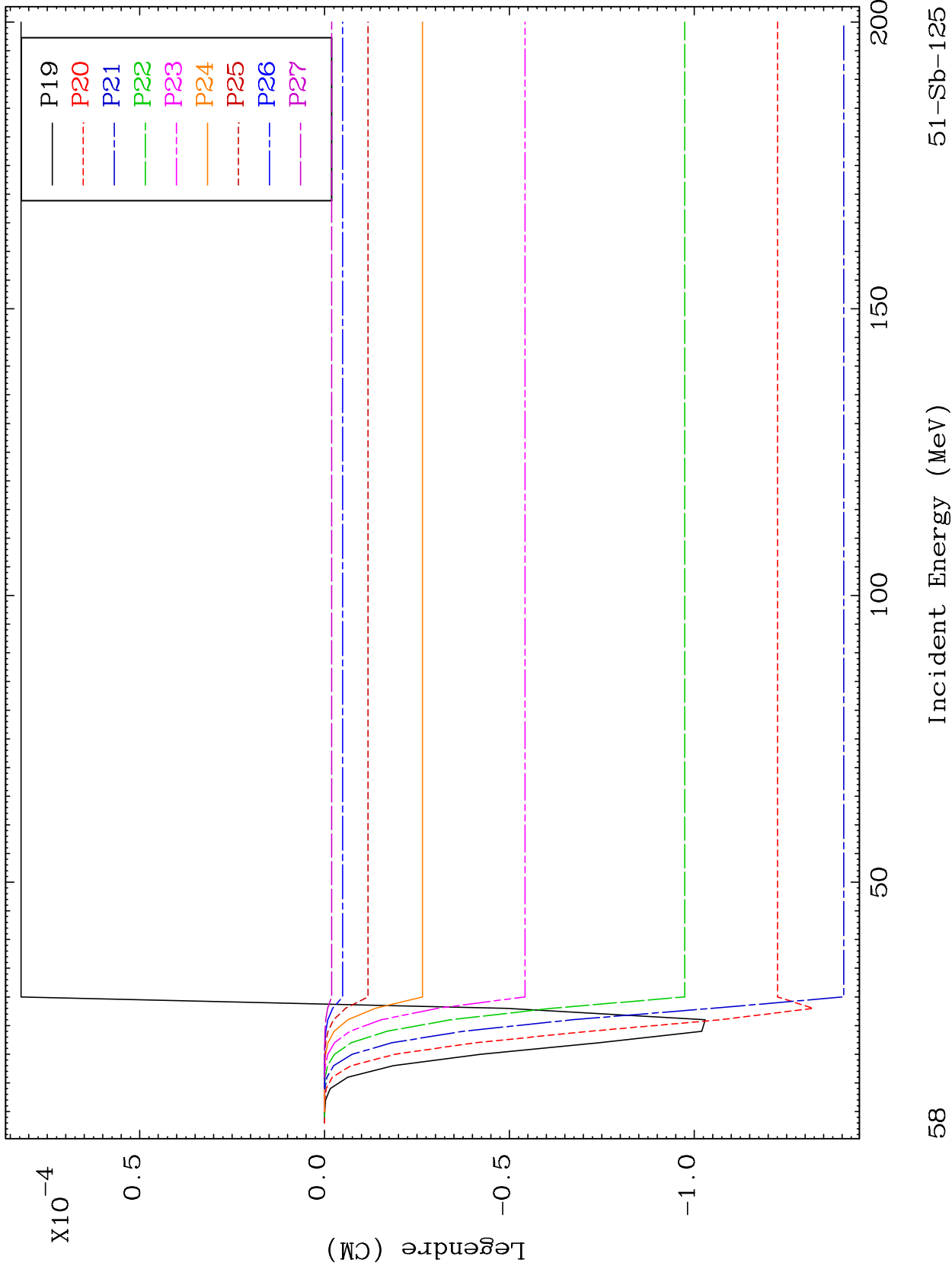


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Incident Energy (MeV)

51-Sb-125

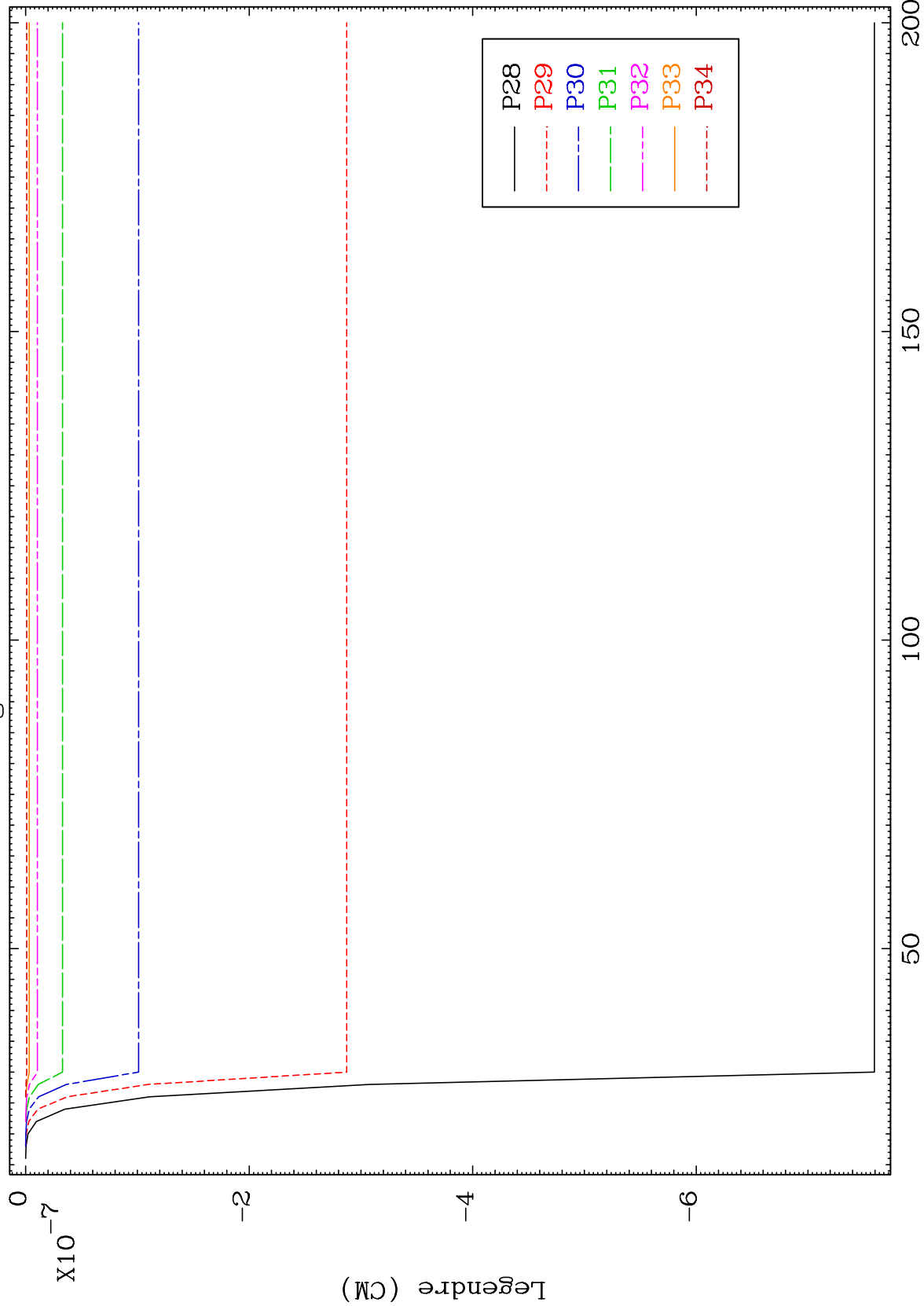




MAT 5137

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

51-Sb-125



59

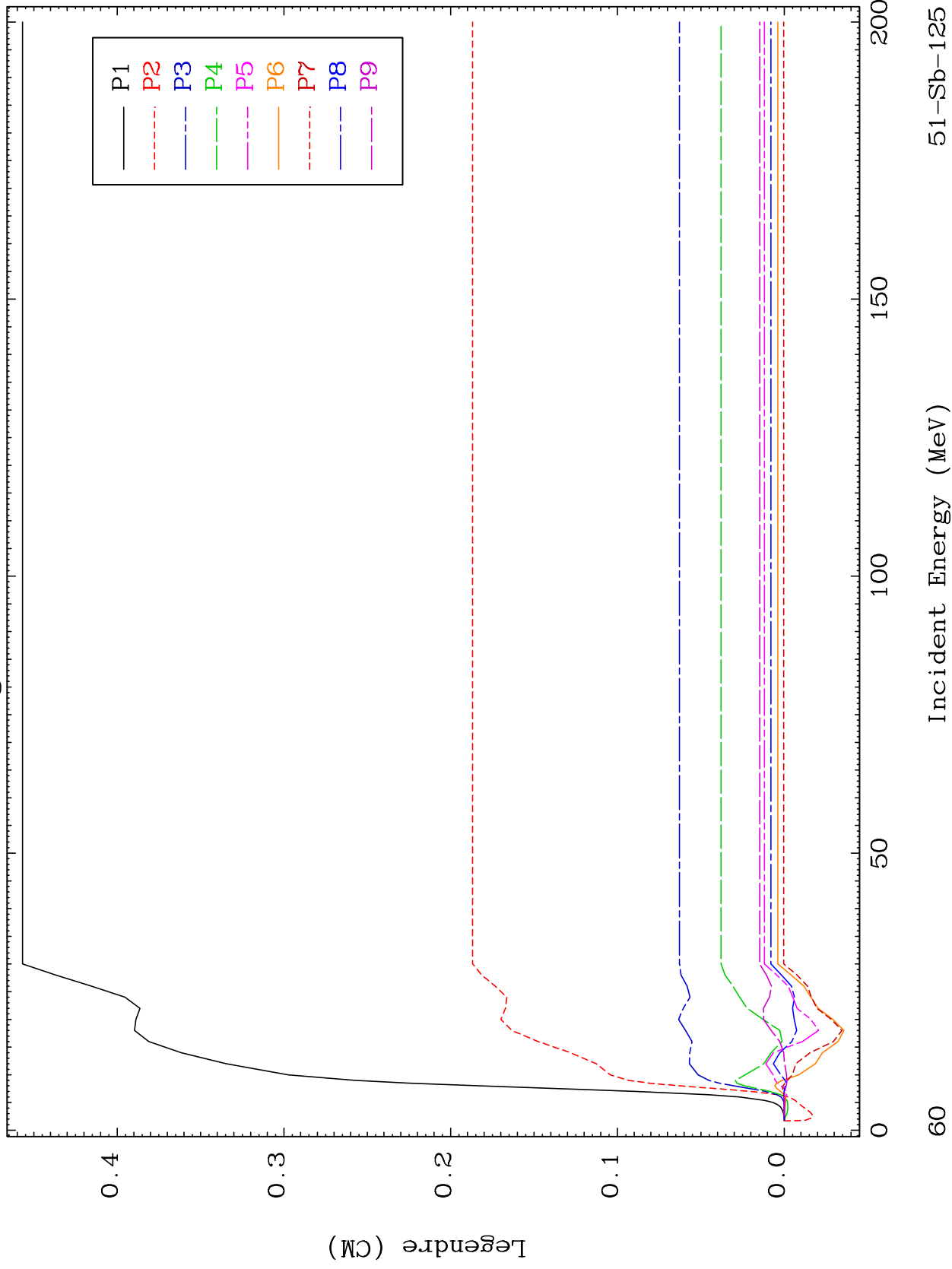
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

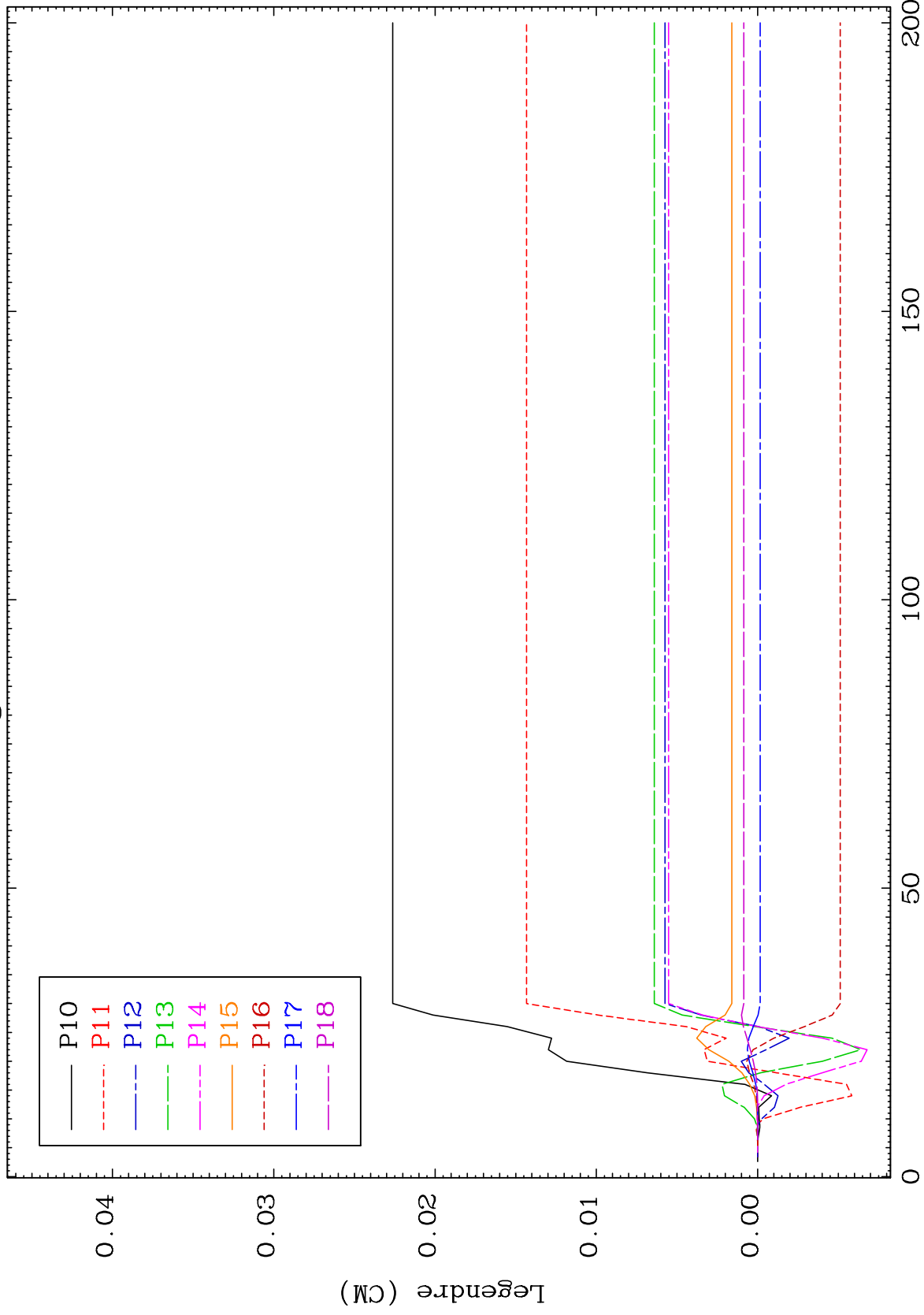
Incident Energy (MeV)

60

MAT 5137

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

51-Sb-125



61

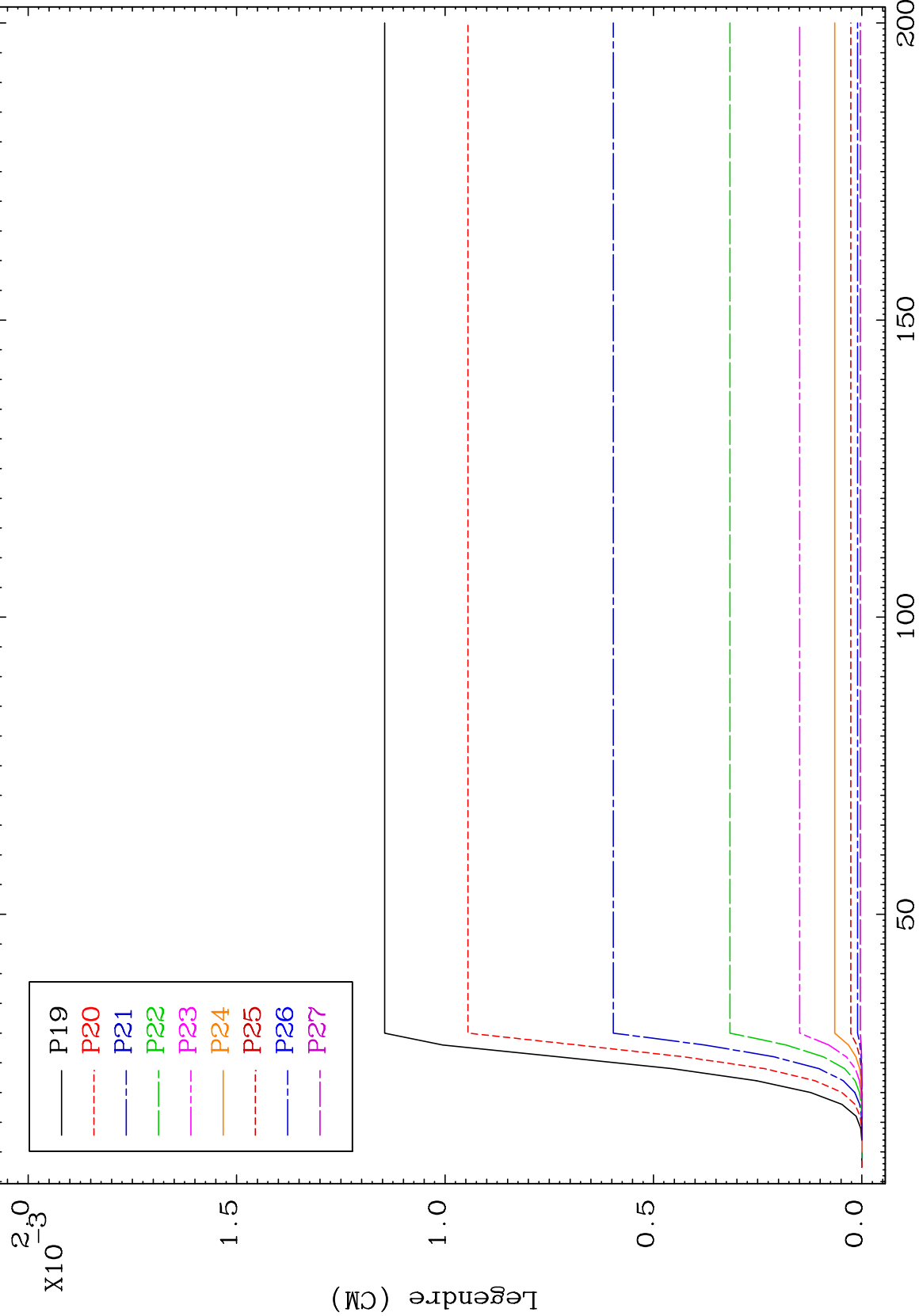
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



62

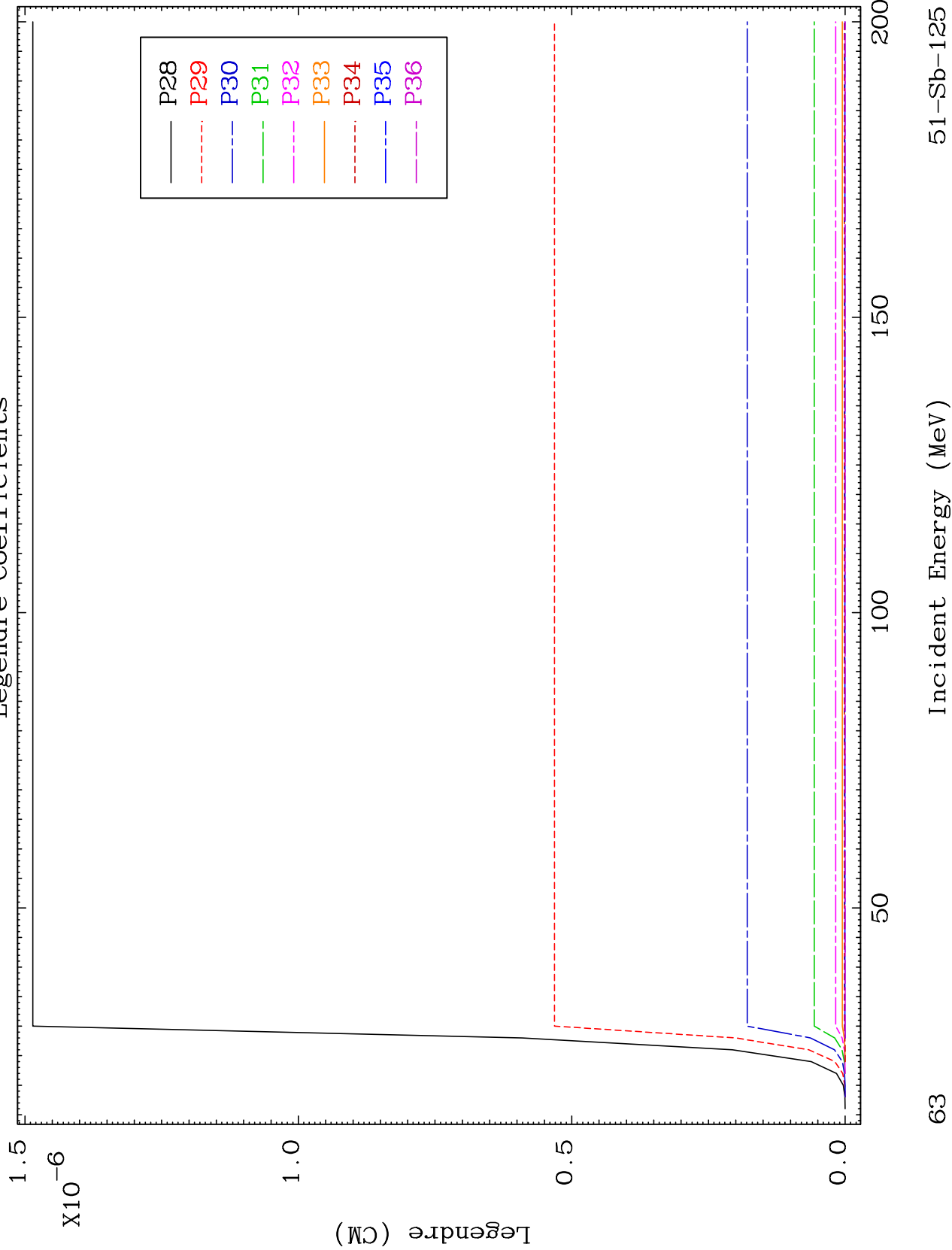
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

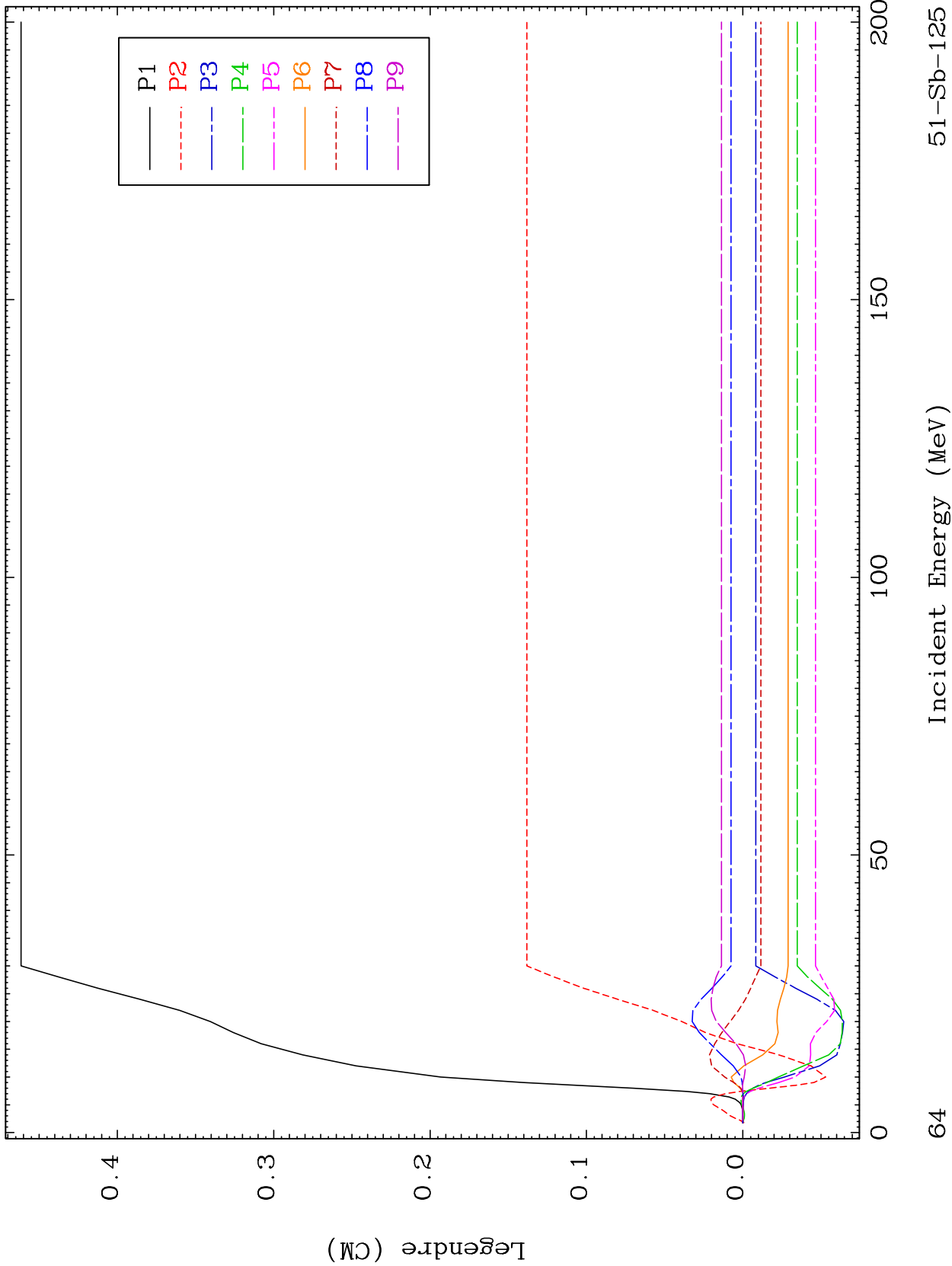
51-Sb-125



MAT 5137

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

51-Sb-125



51-Sb-125

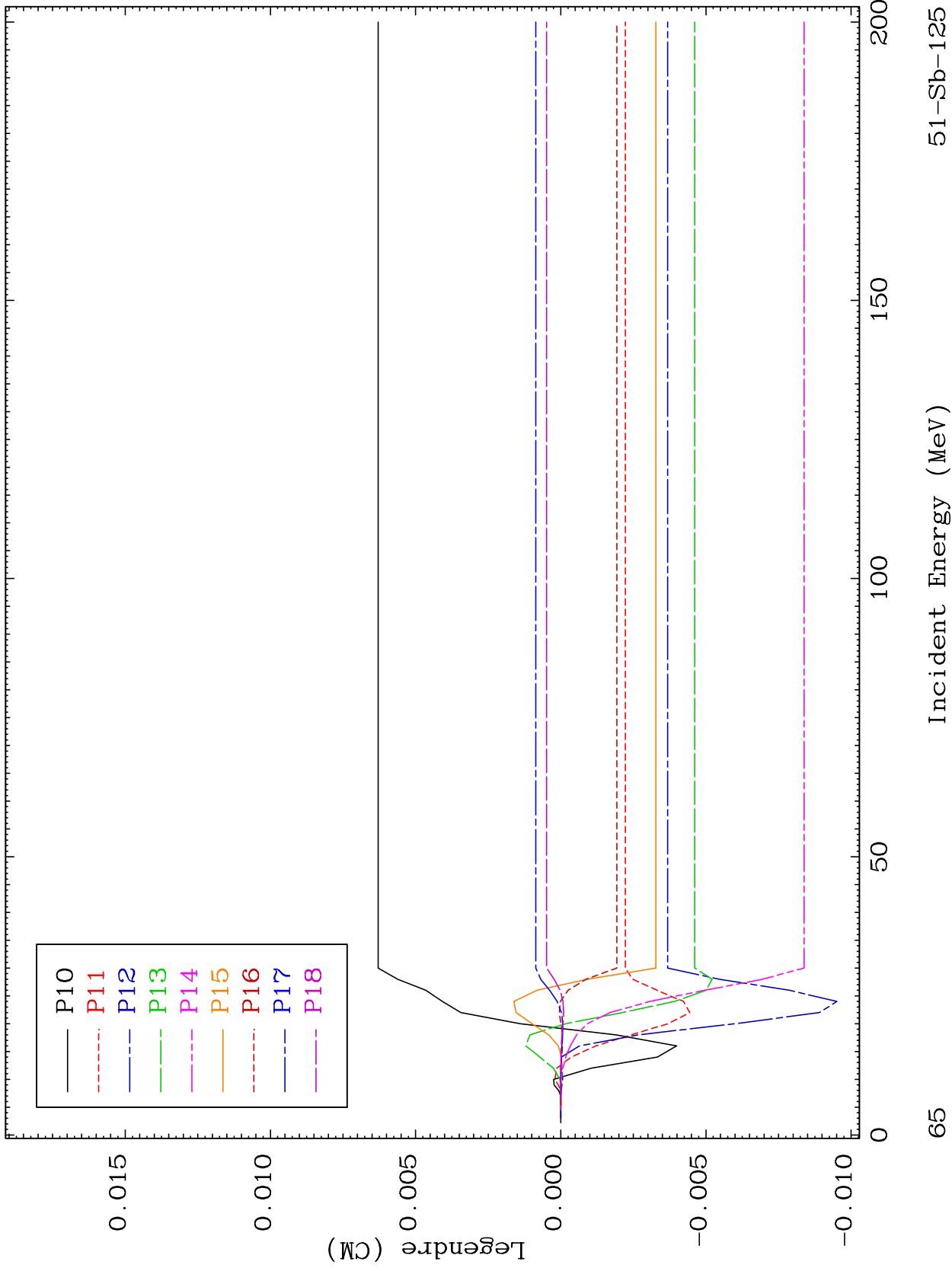
Incident Energy (MeV)

64

MAT 5137

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

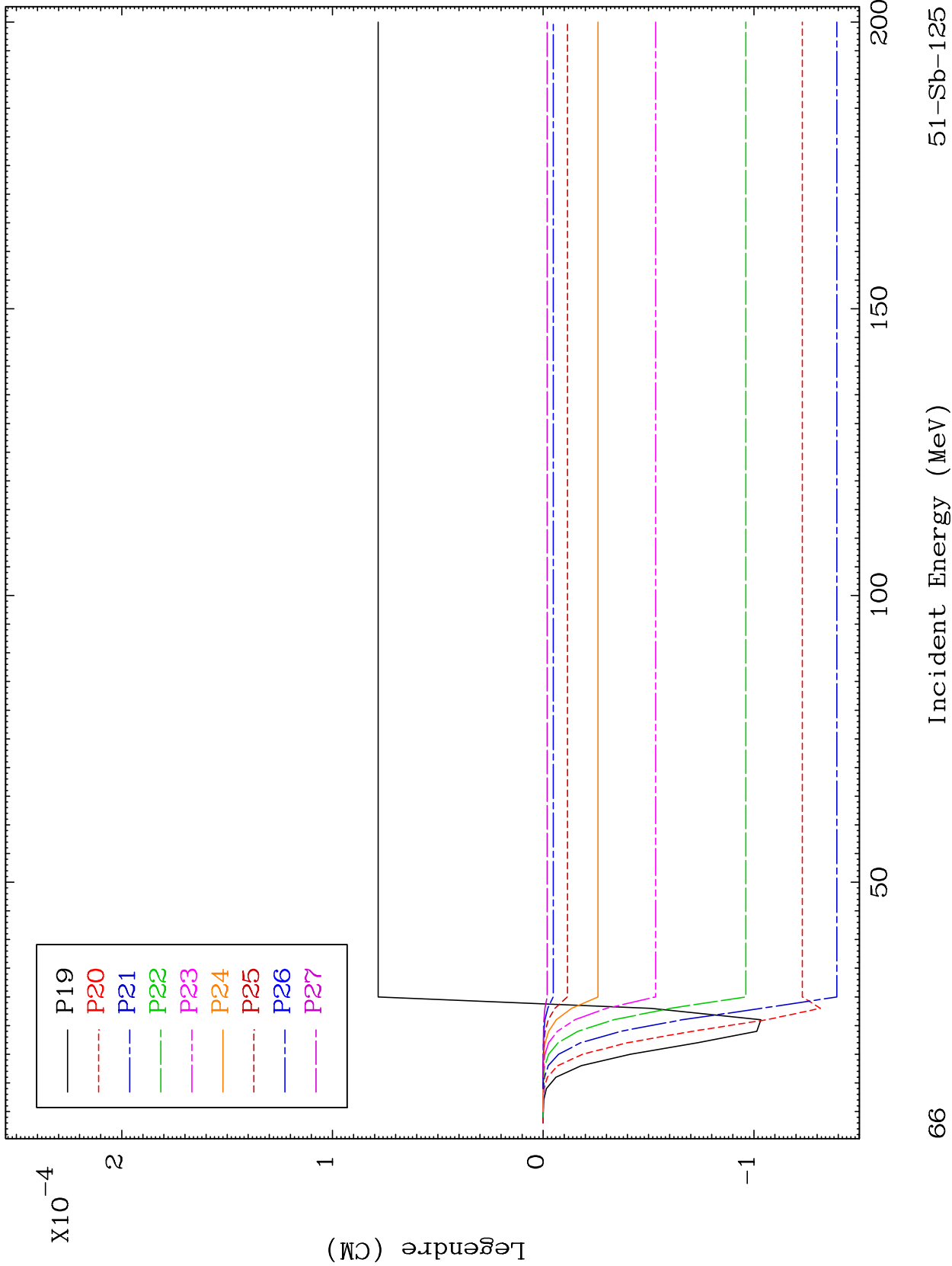
51-Sb-125



65

Incident Energy (MeV)

51-Sb-125

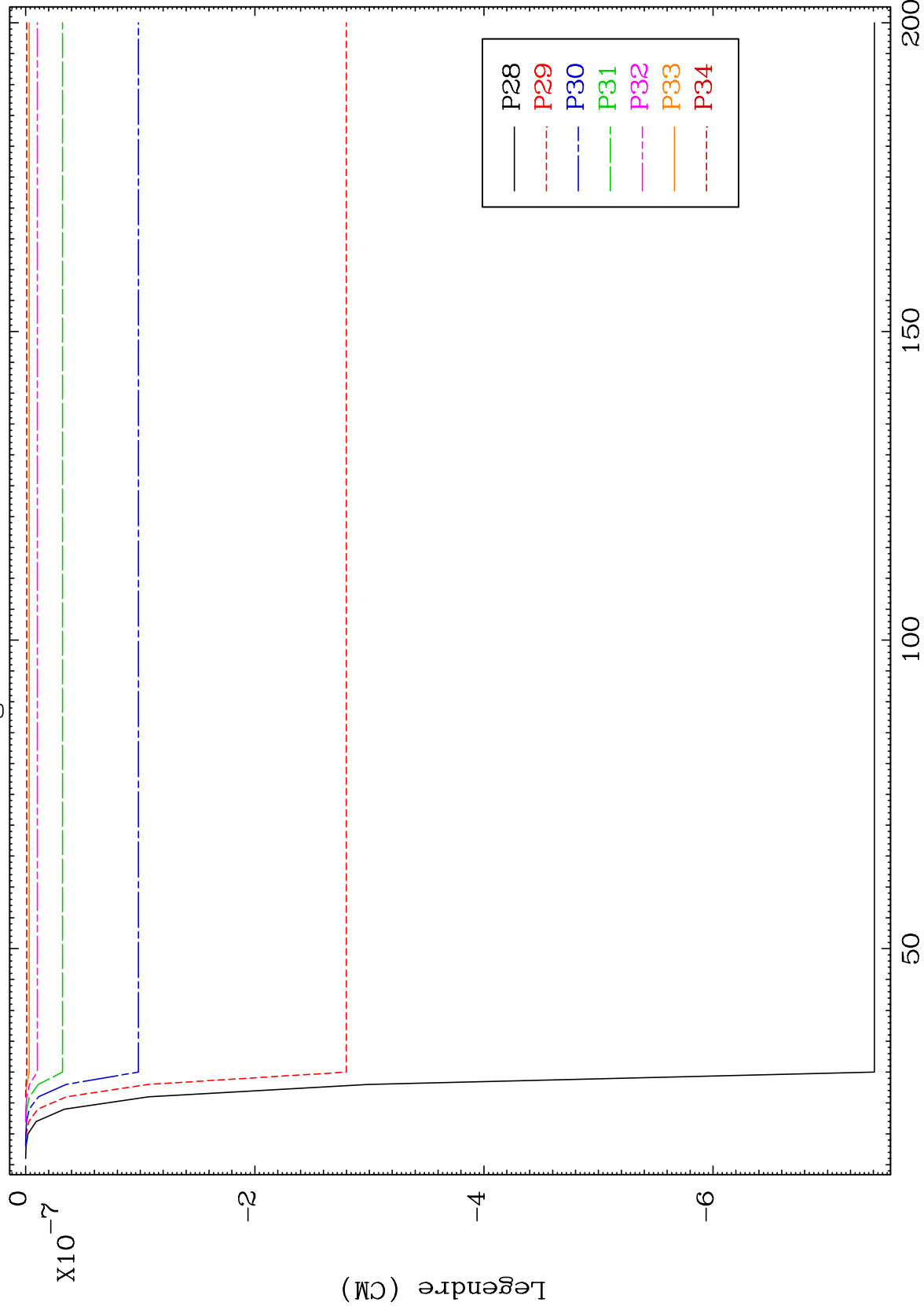


MAT 5137

MT= 62 (n,n') Level

51-Sb-125

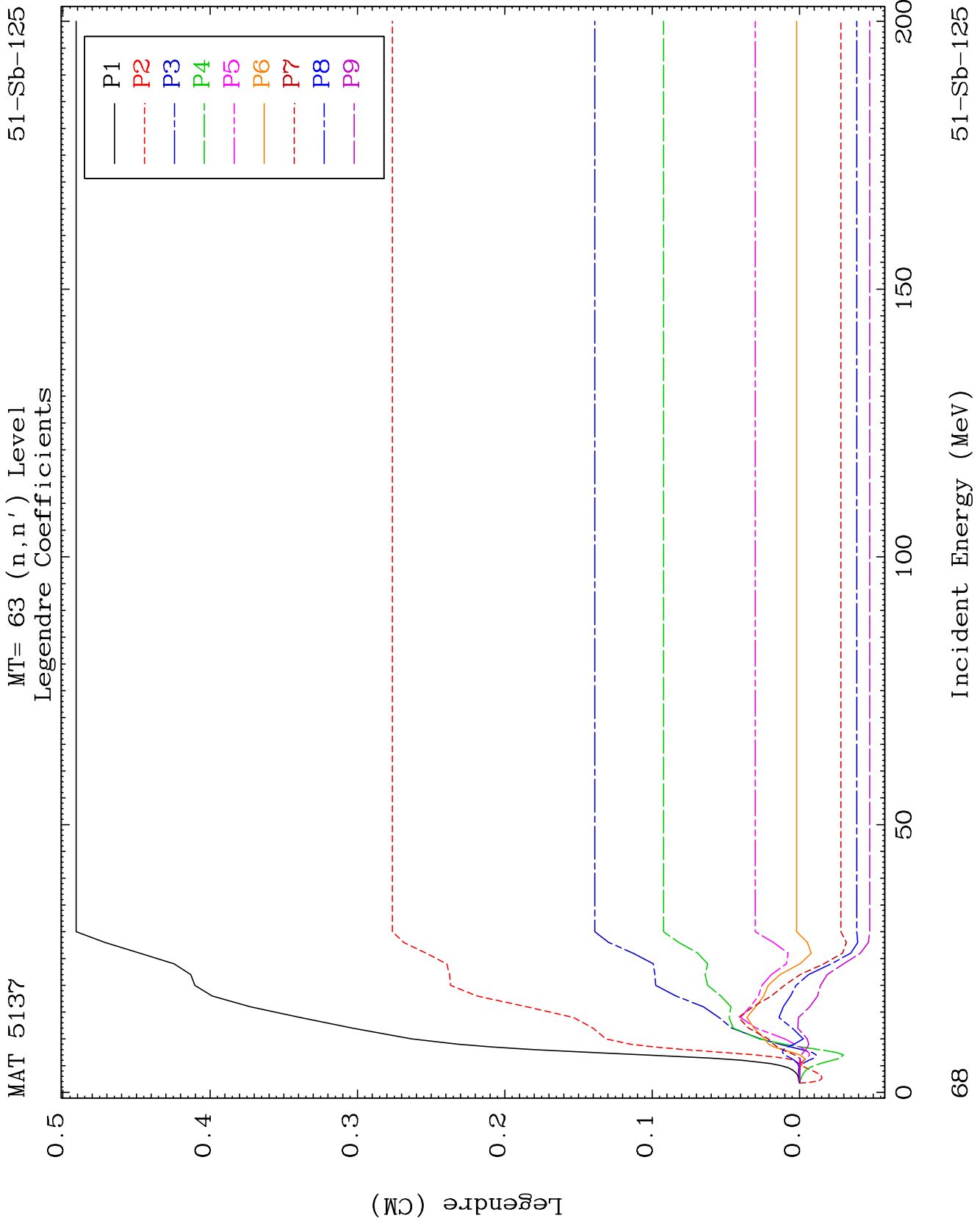
Legendre Coefficients

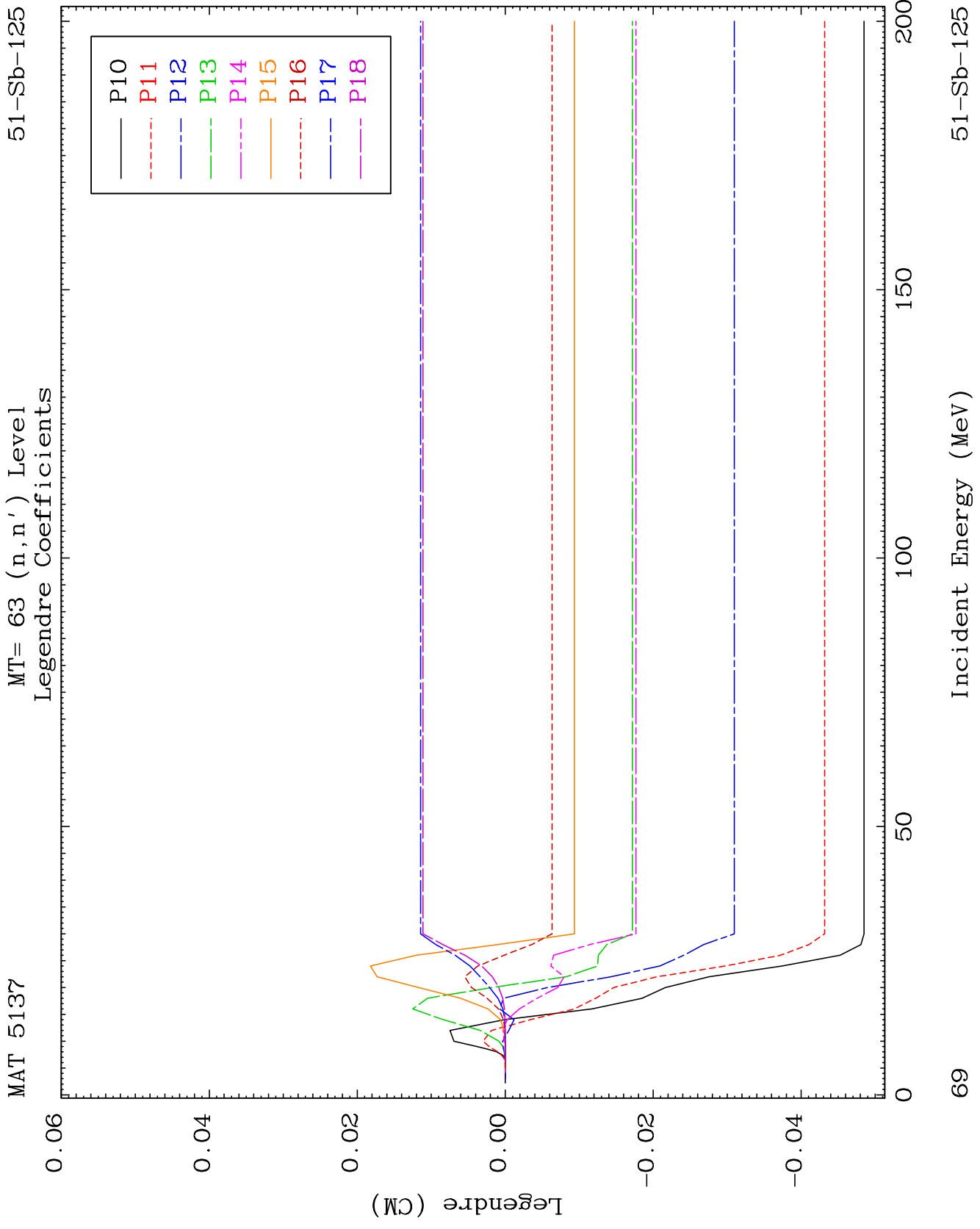


67

Incident Energy (MeV)

51-Sb-125

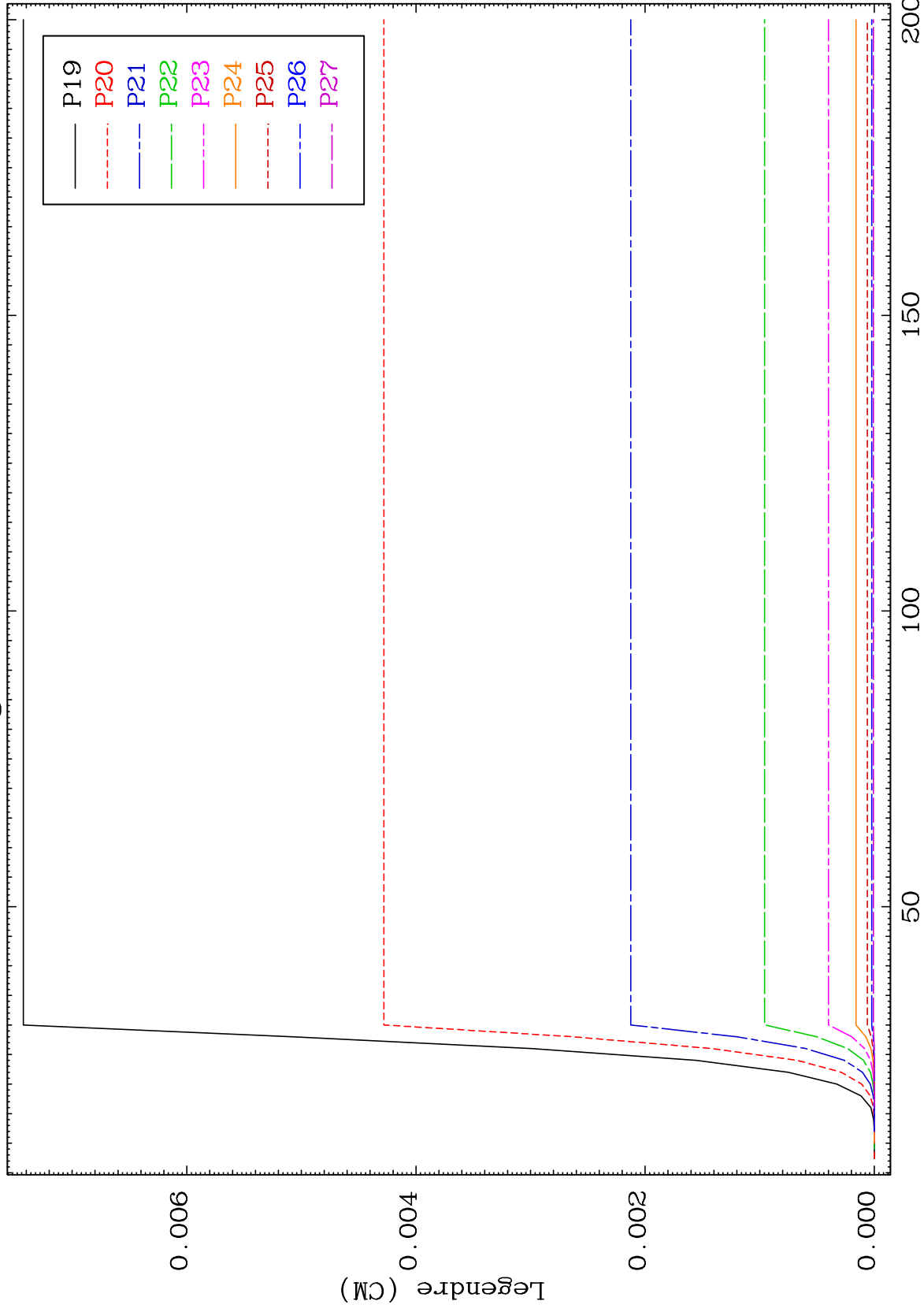




MAT 5137

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

51-Sb-125



70

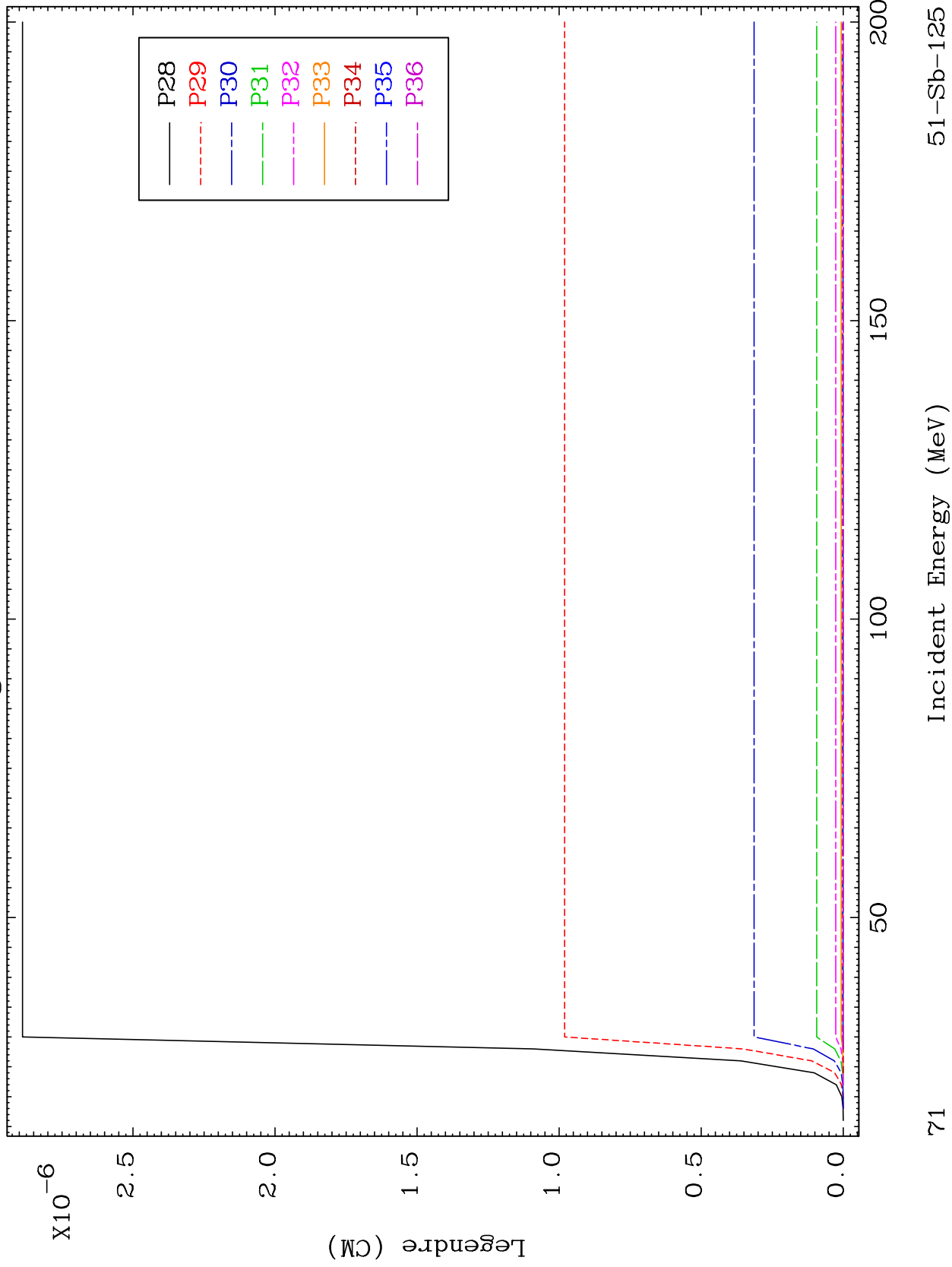
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

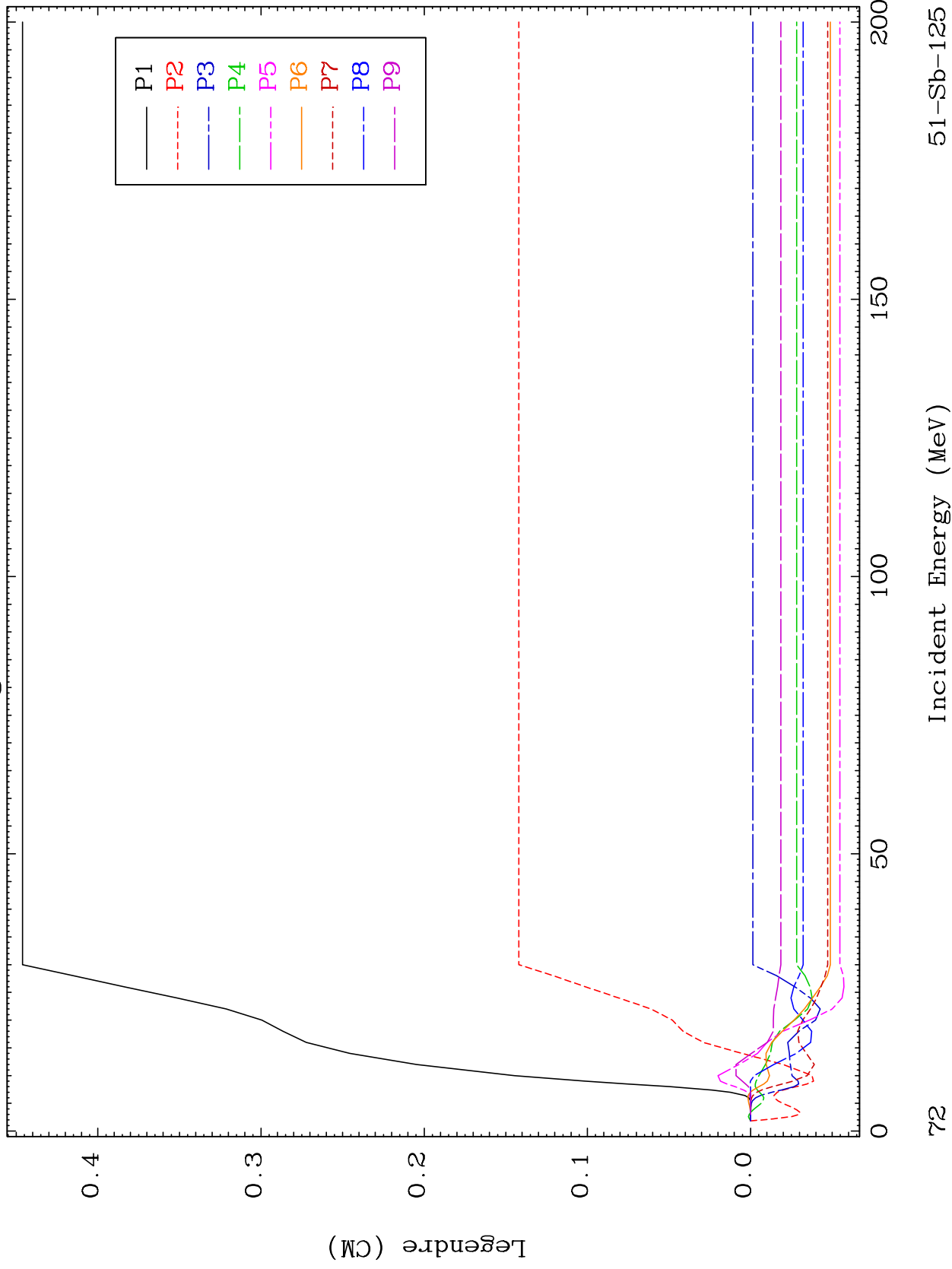
51-Sb-125



MAT 5137

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

51-Sb-125



72

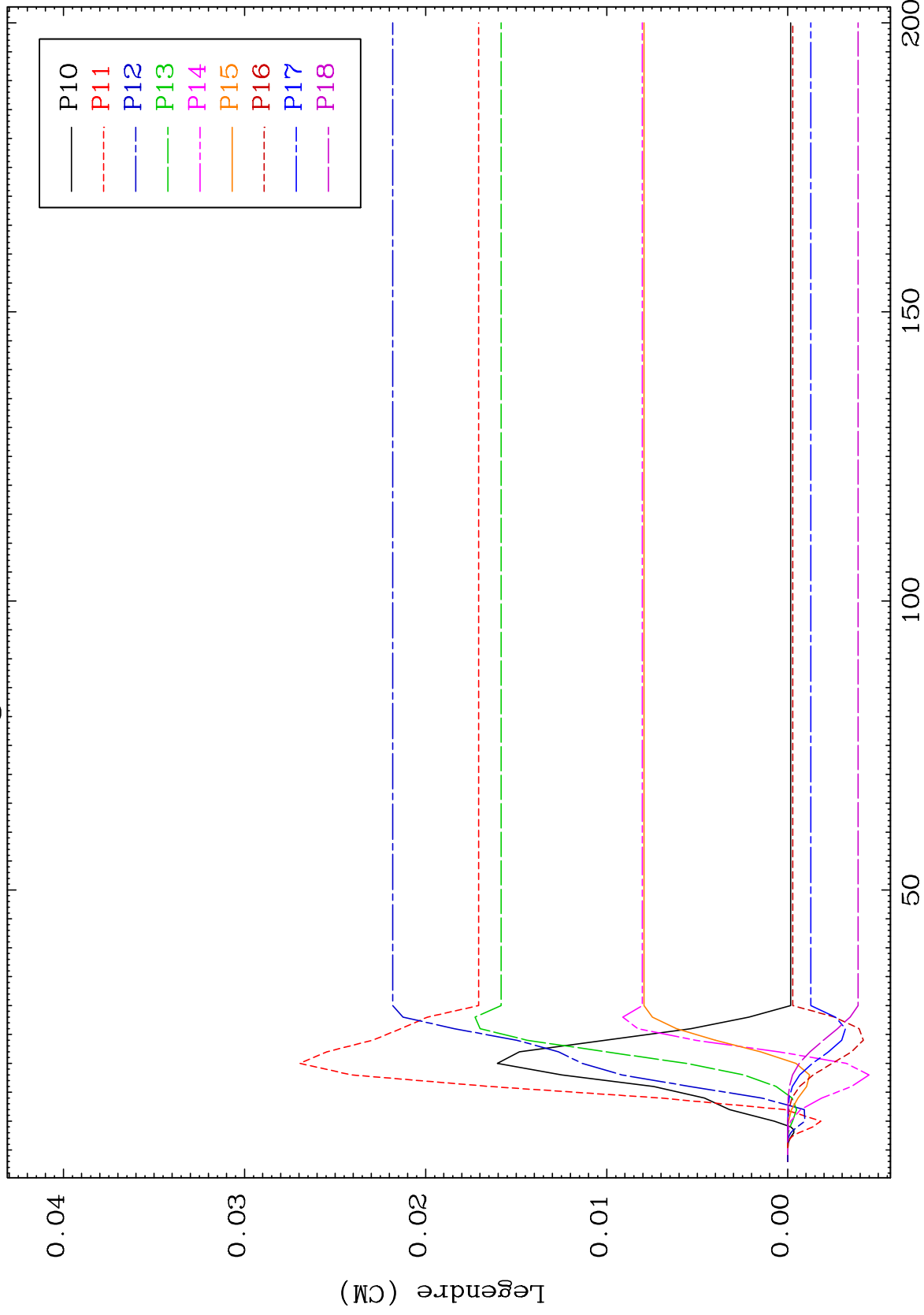
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



73

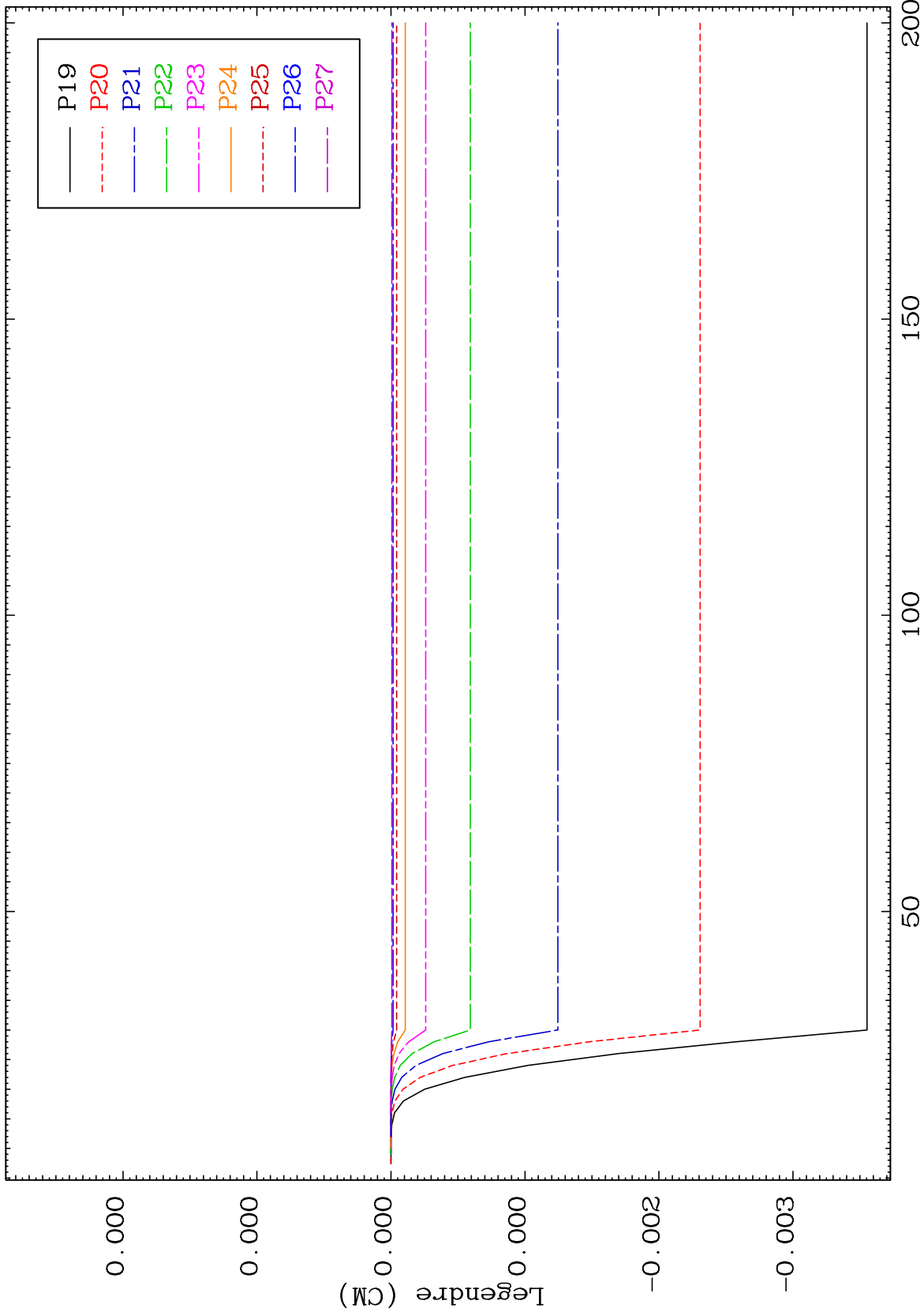
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



74

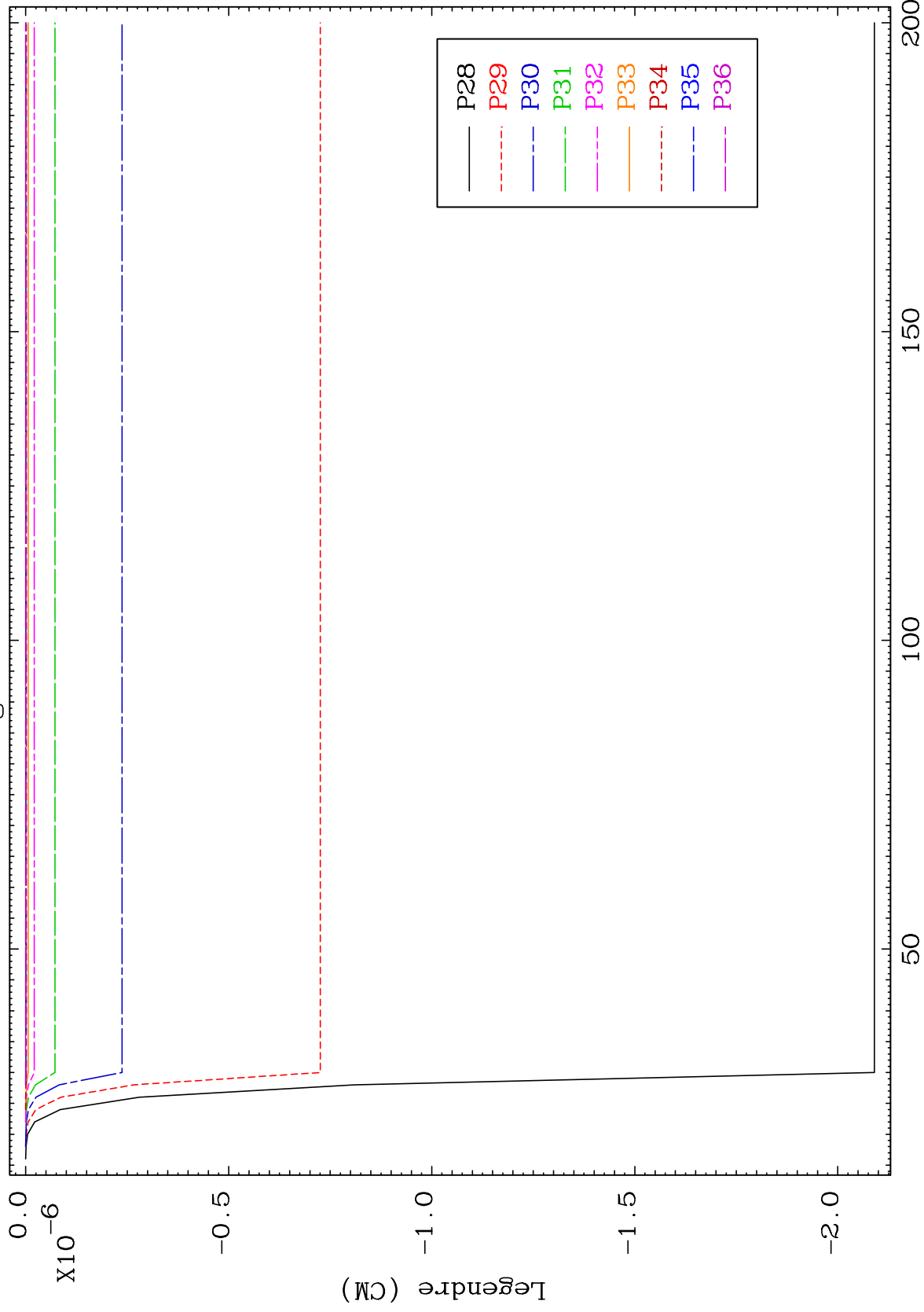
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

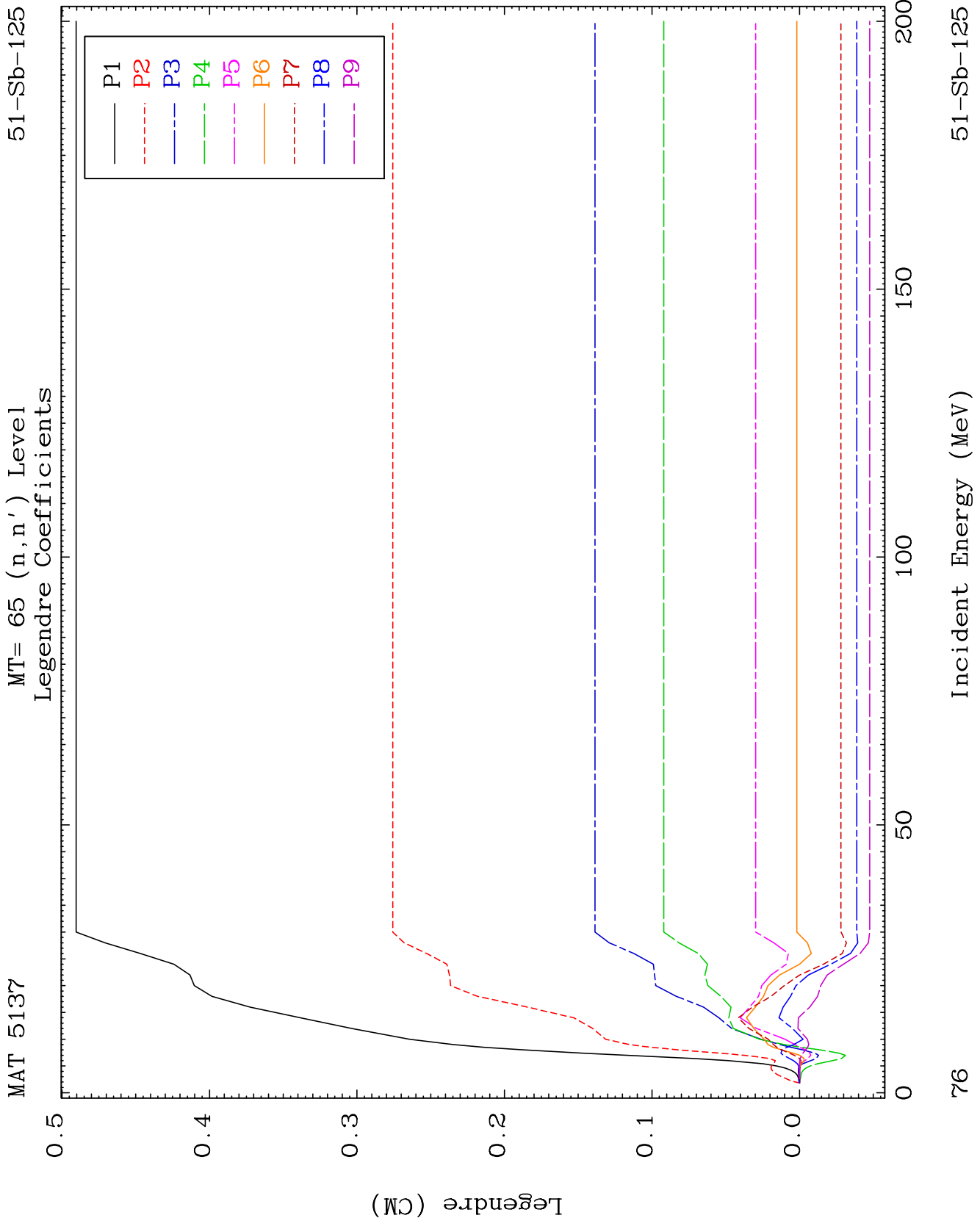
51-Sb-125



75

Incident Energy (MeV)

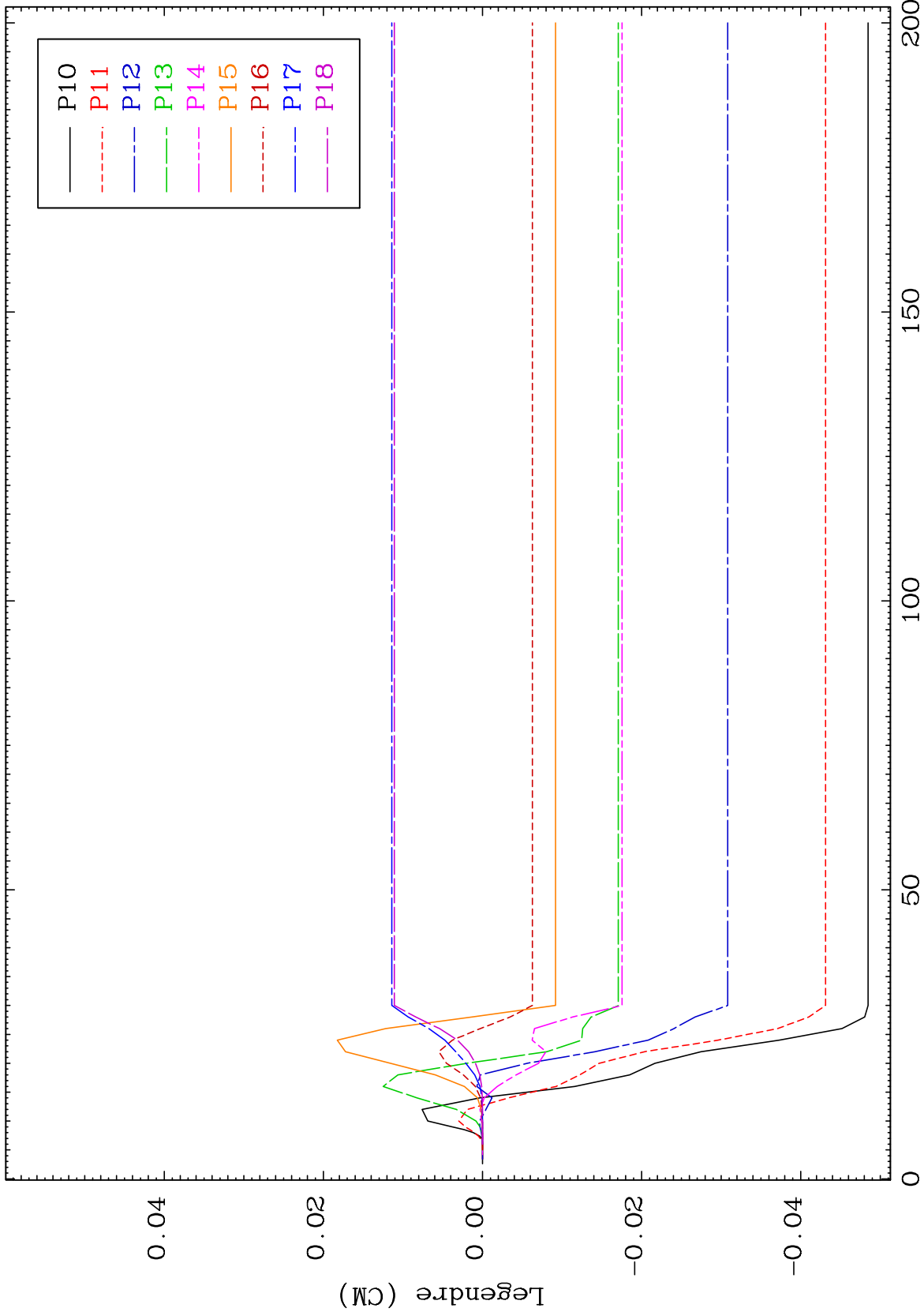
51-Sb-125



MAT 5137

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

51-Sb-125



77

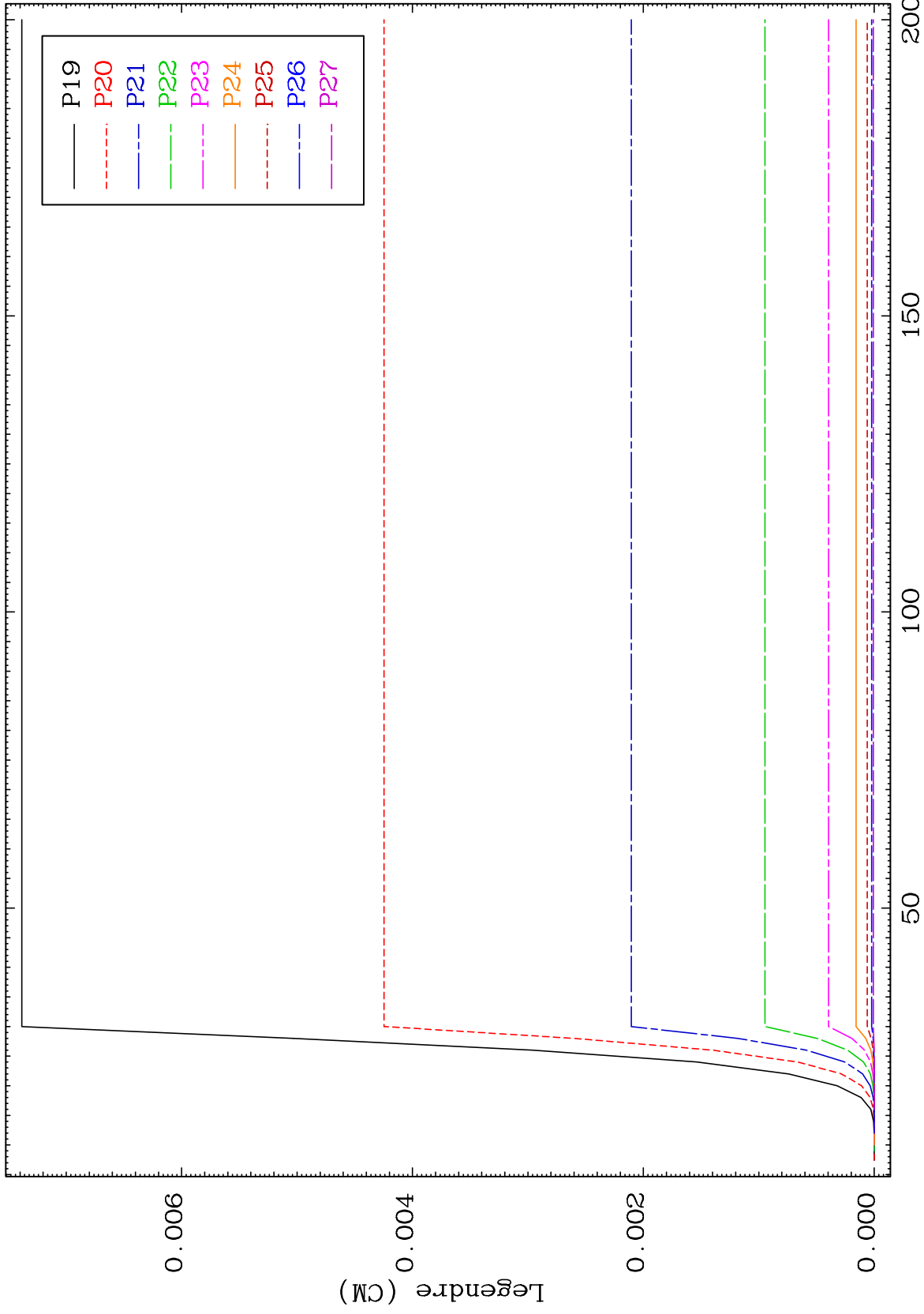
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



78

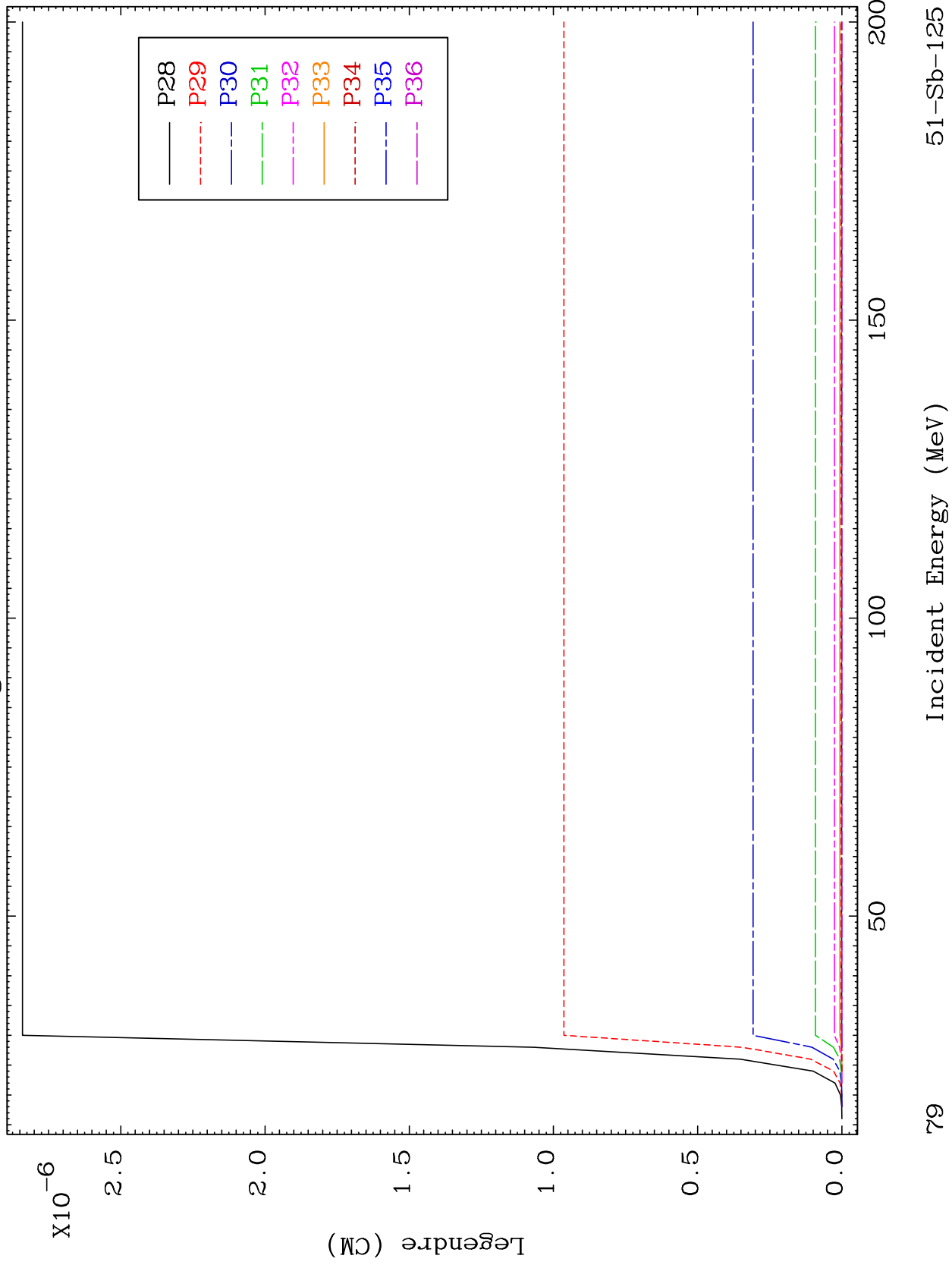
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125

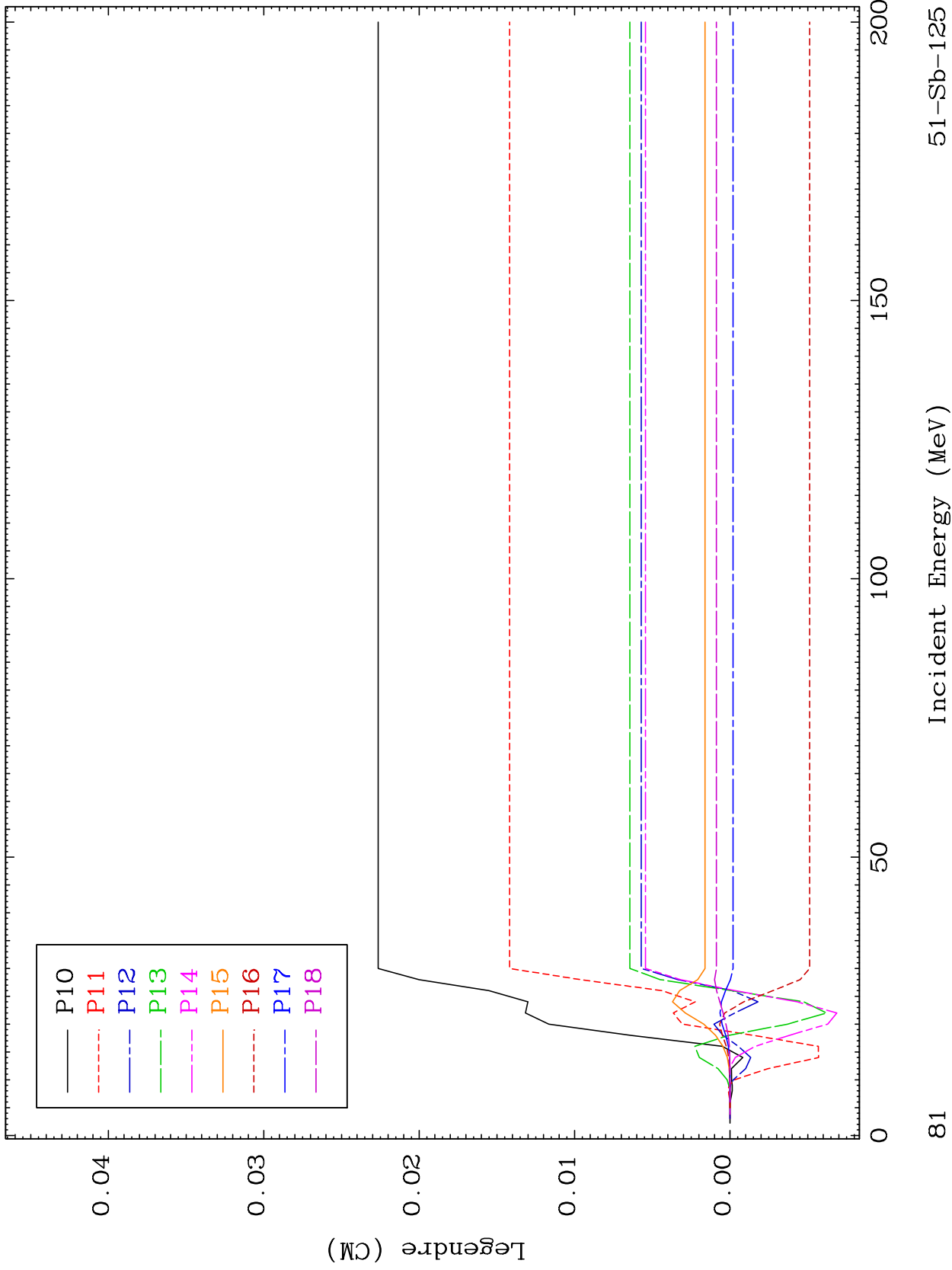




MAT 5137

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

51-Sb-125



81

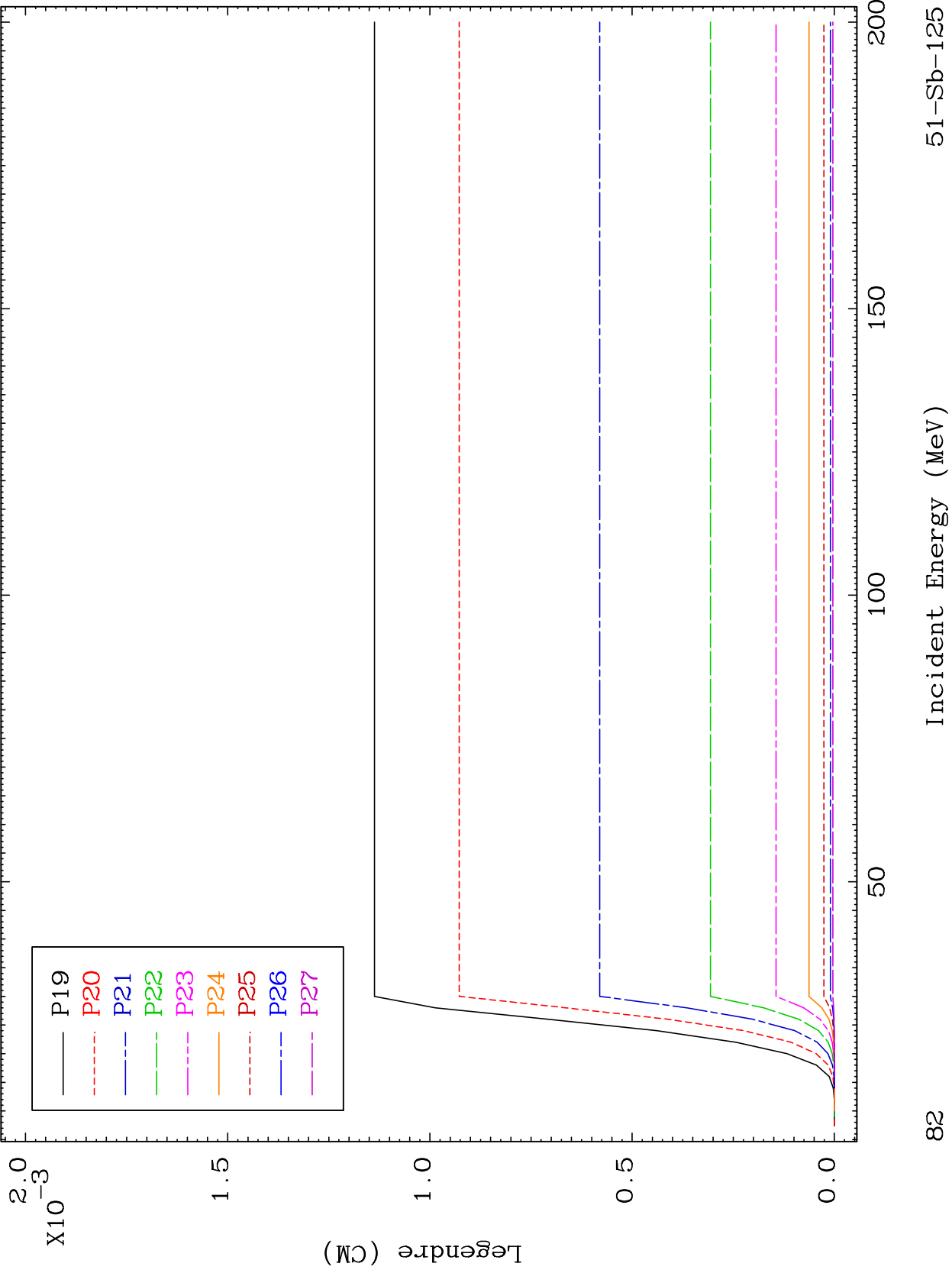
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

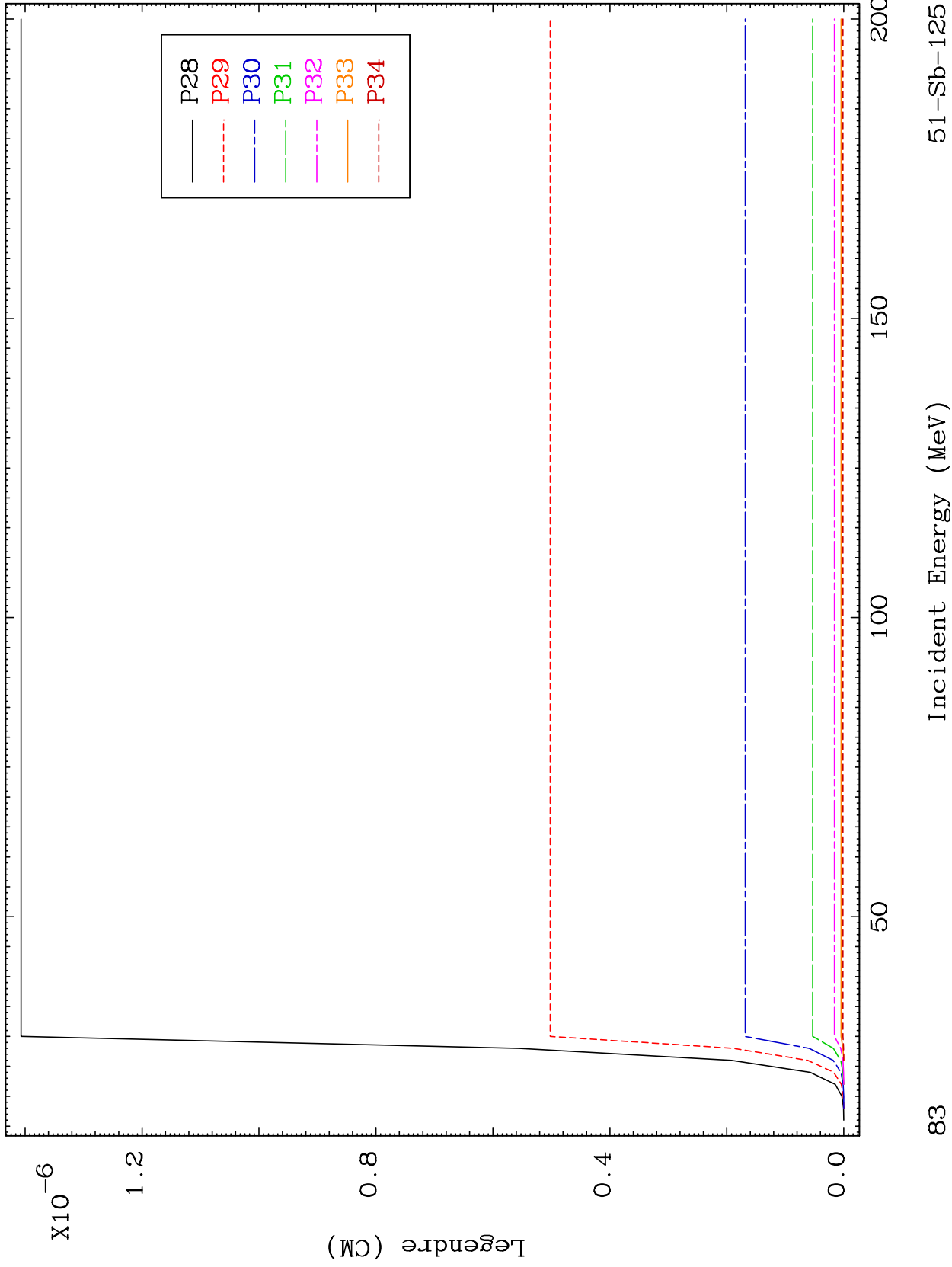
51-Sb-125



MAT 5137

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

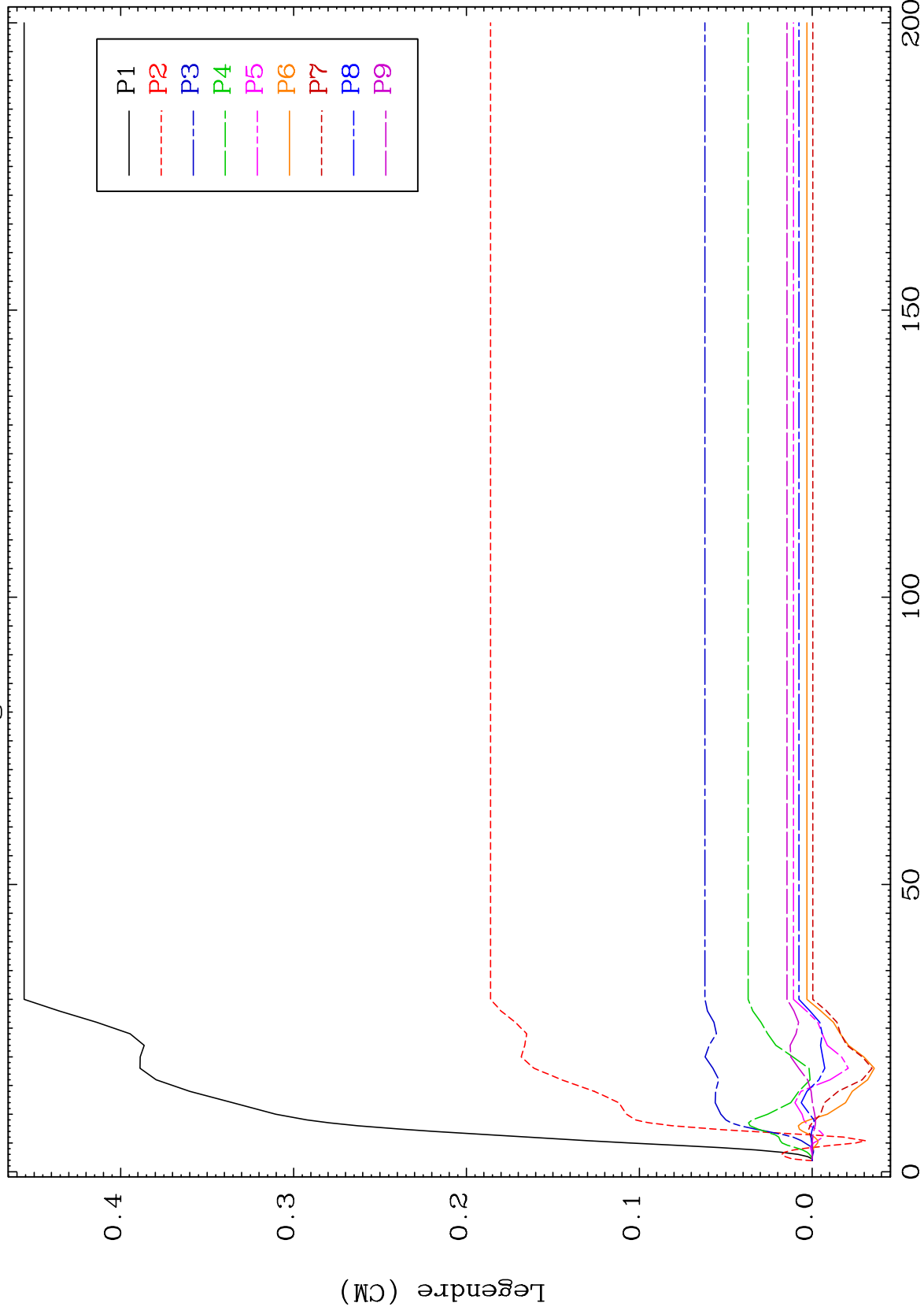
51-Sb-125



MAT 5137

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

51-Sb-125



51-Sb-125

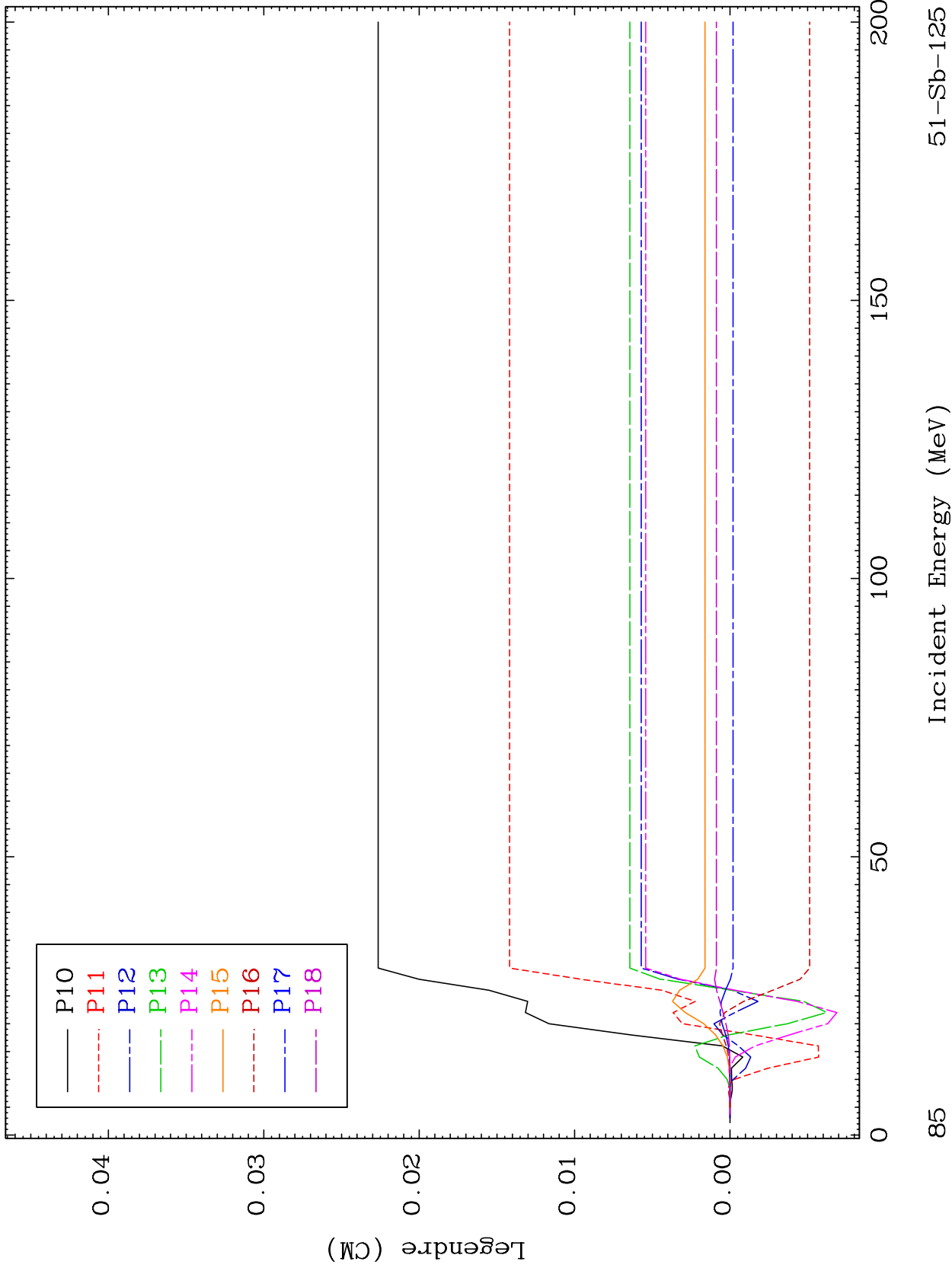
Incident Energy (MeV)

84

MAT 5137

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

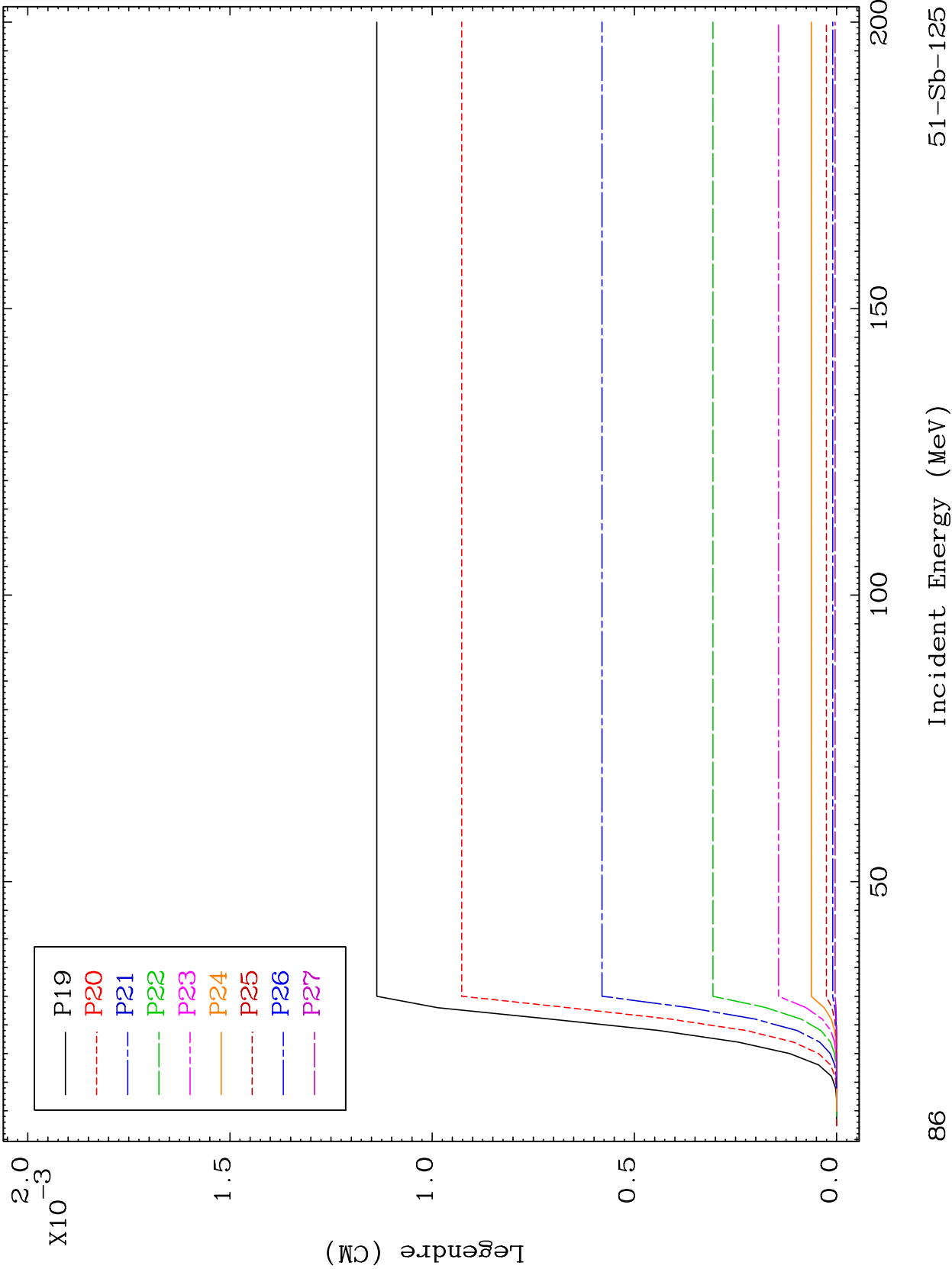
51-Sb-125



51-Sb-125

Incident Energy (MeV)

85

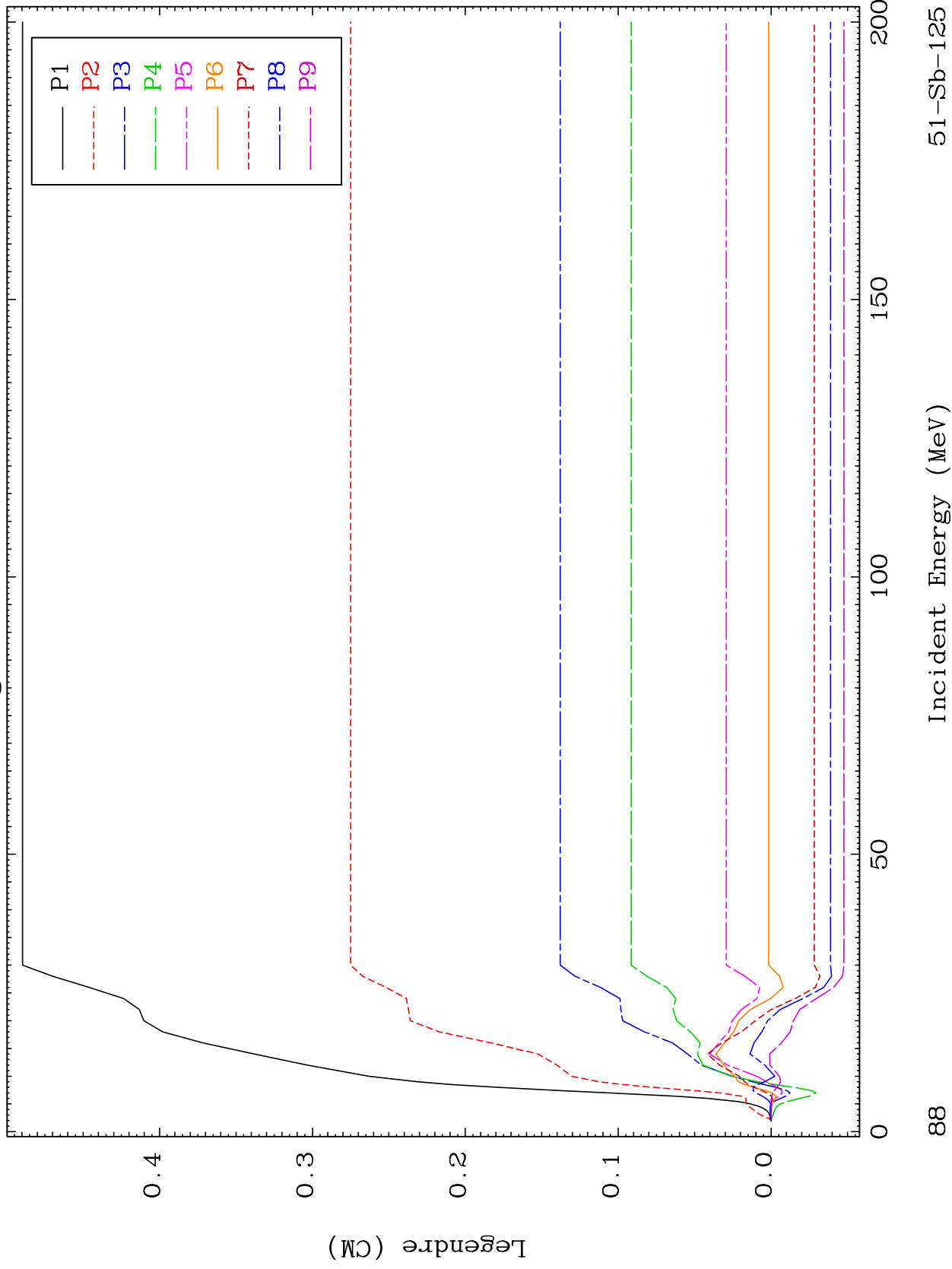




MAT 5137

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

51-Sb-125



51-Sb-125

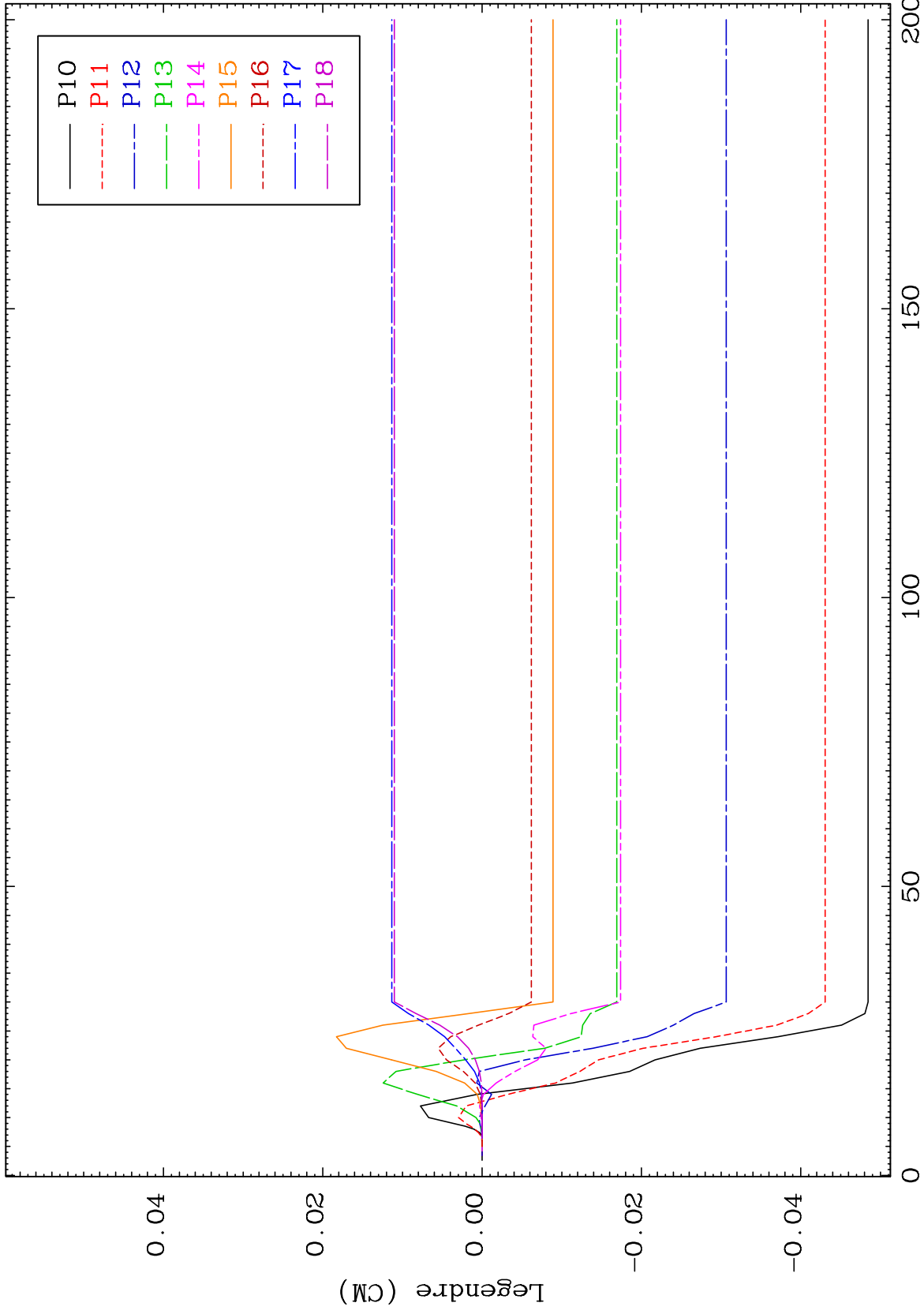
Incident Energy (MeV)

88

MAT 5137

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

51-Sb-125



89

Incident Energy (MeV)

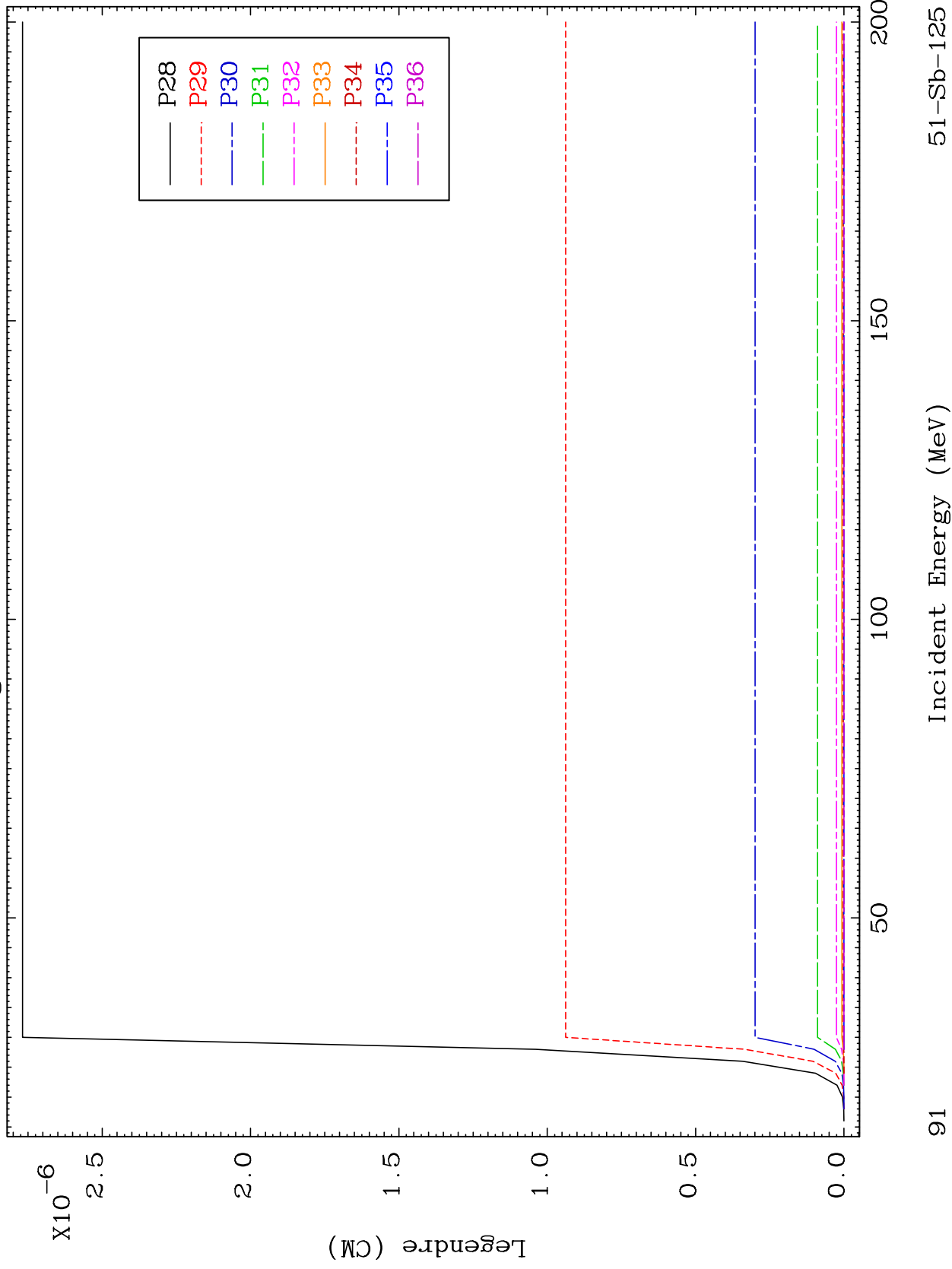
51-Sb-125



MAT 5137

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

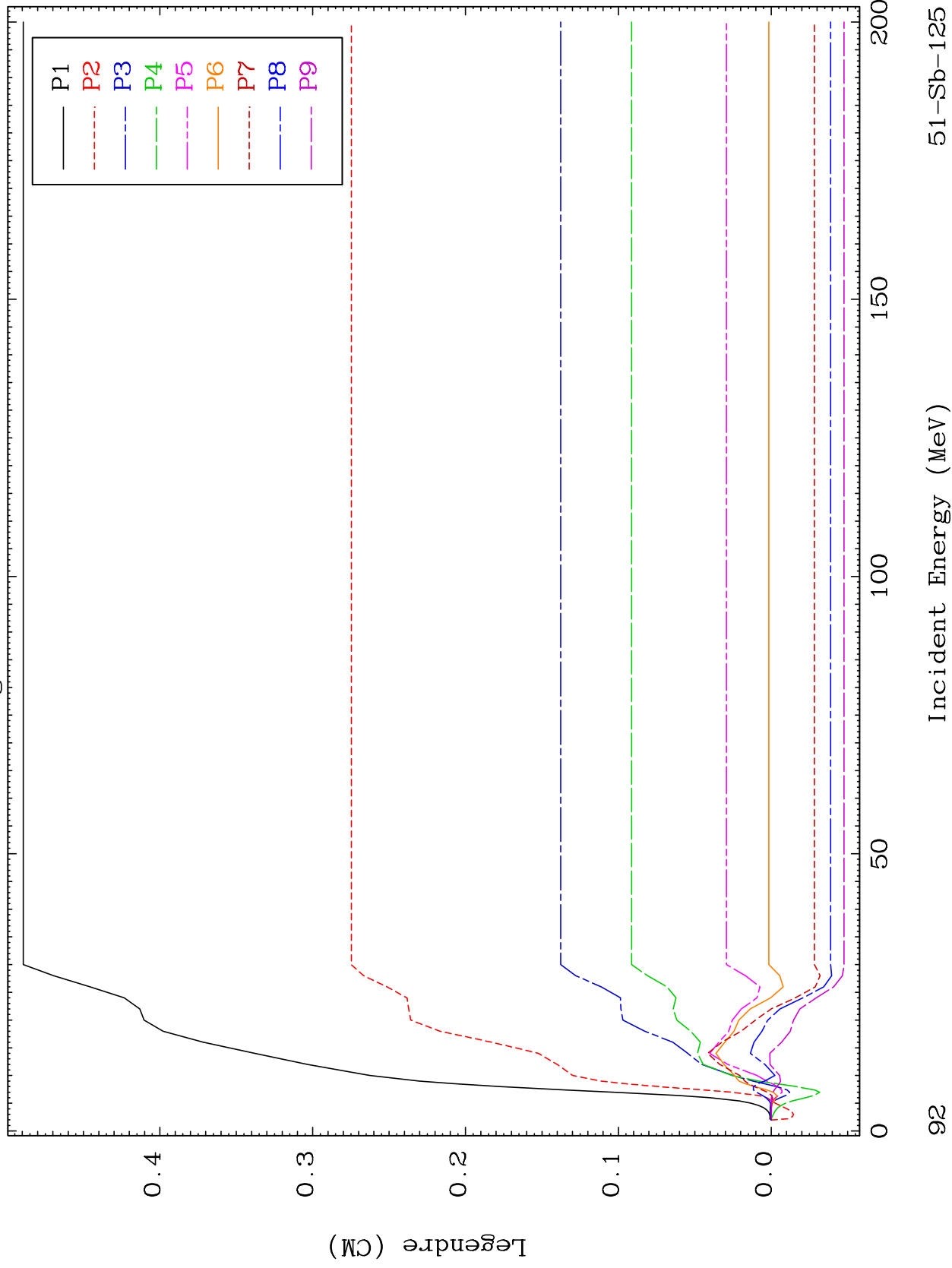
51-Sb-125



MAT 5137

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

51-Sb-125



92

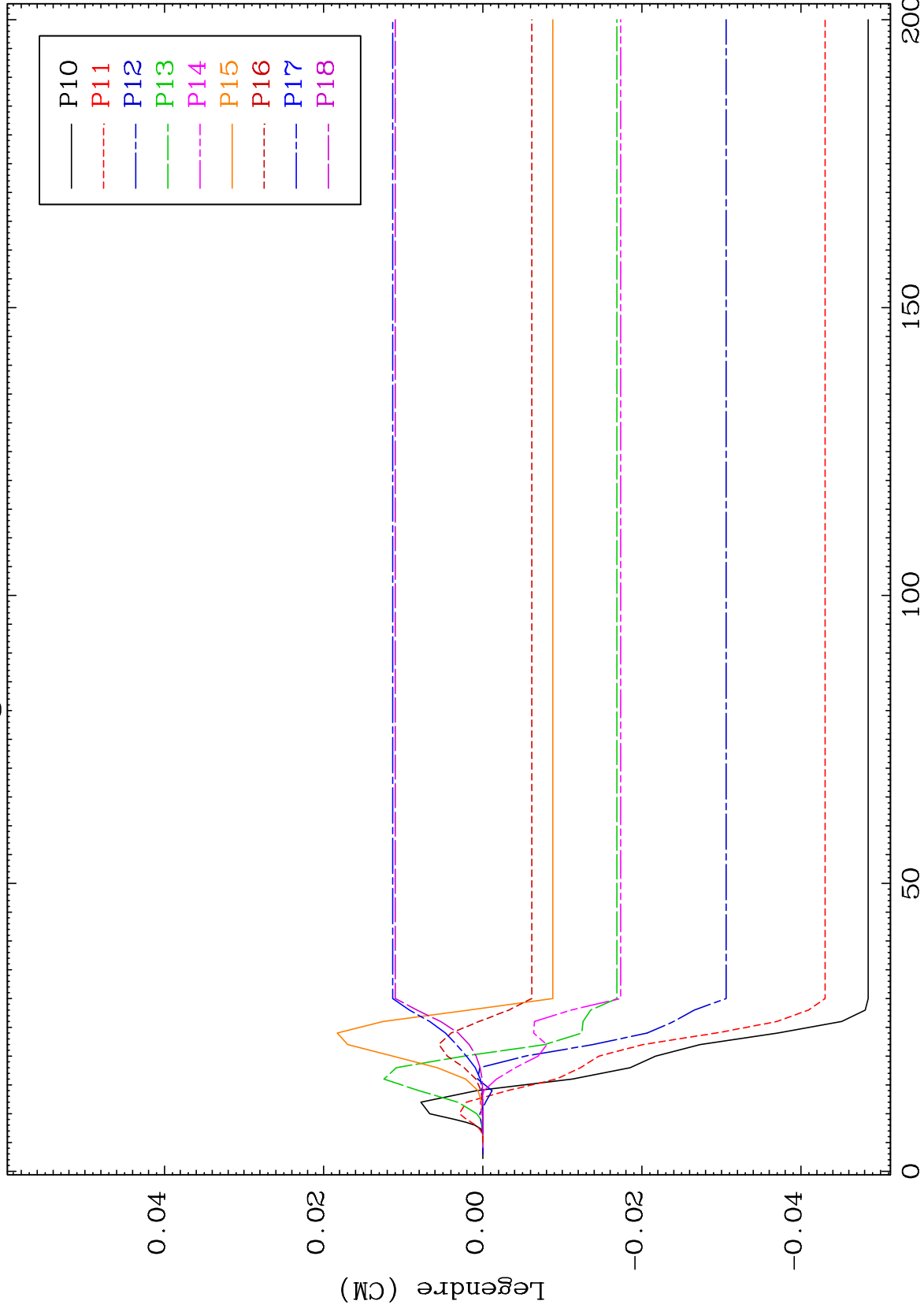
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



93

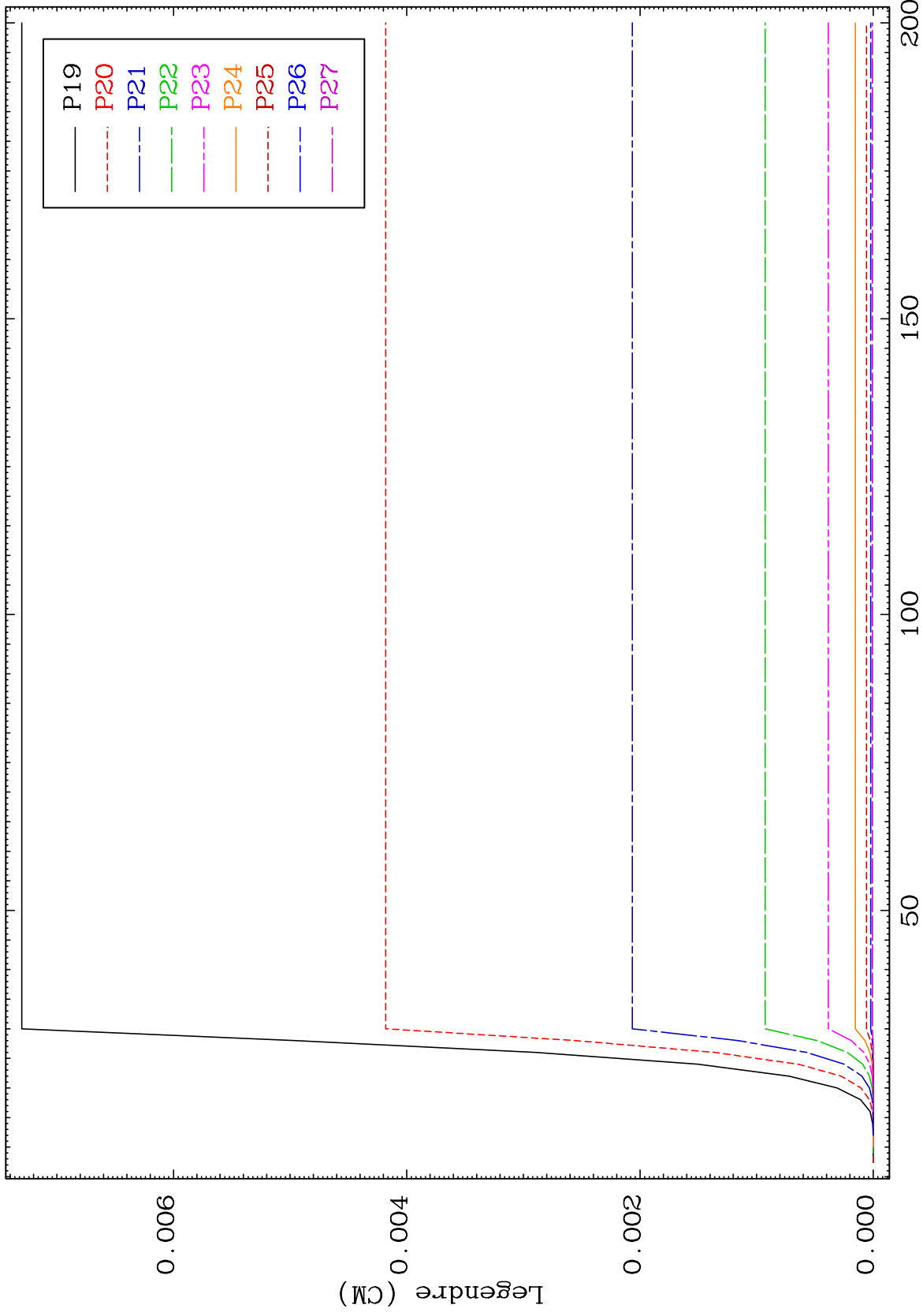
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



94

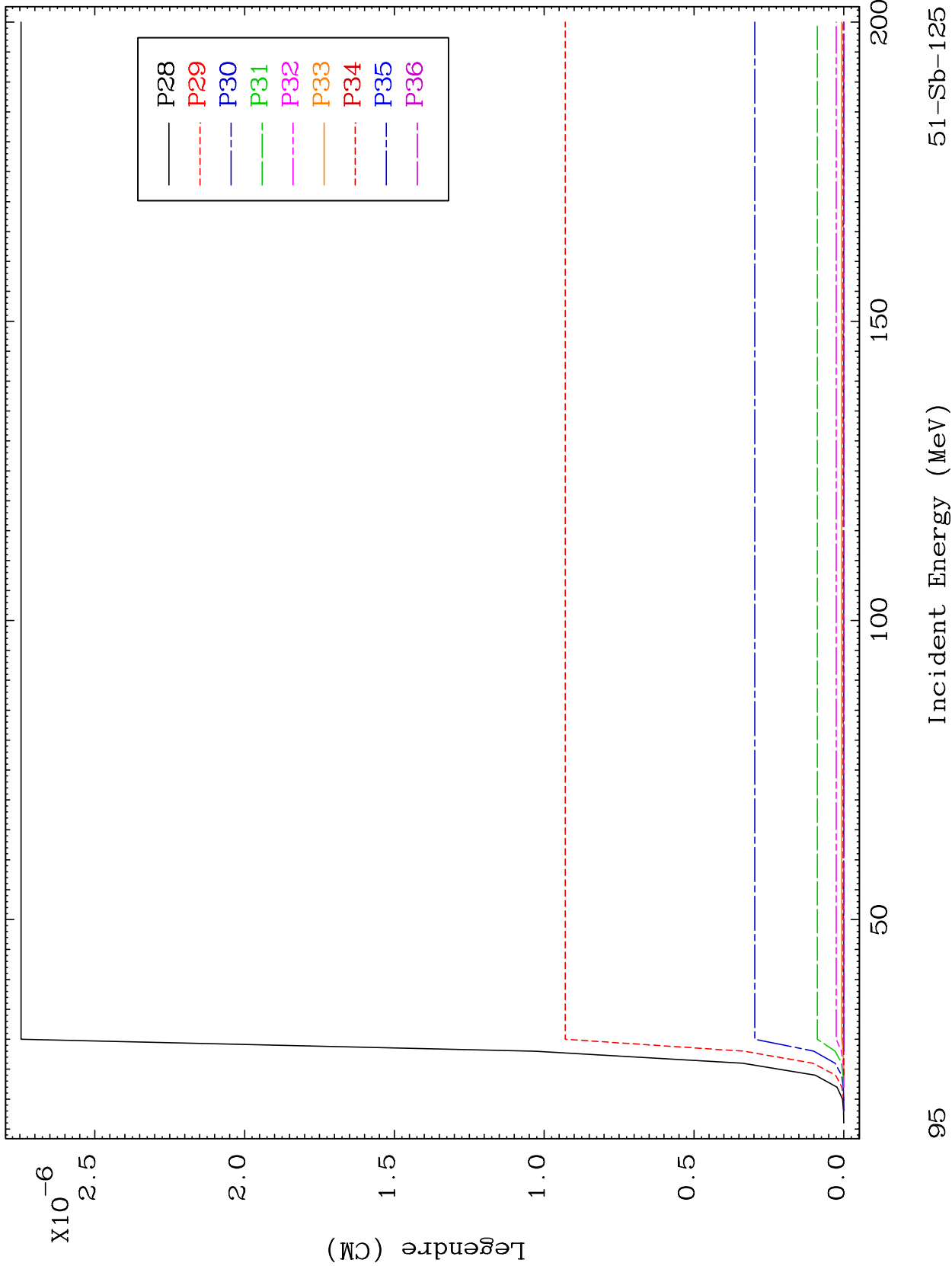
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

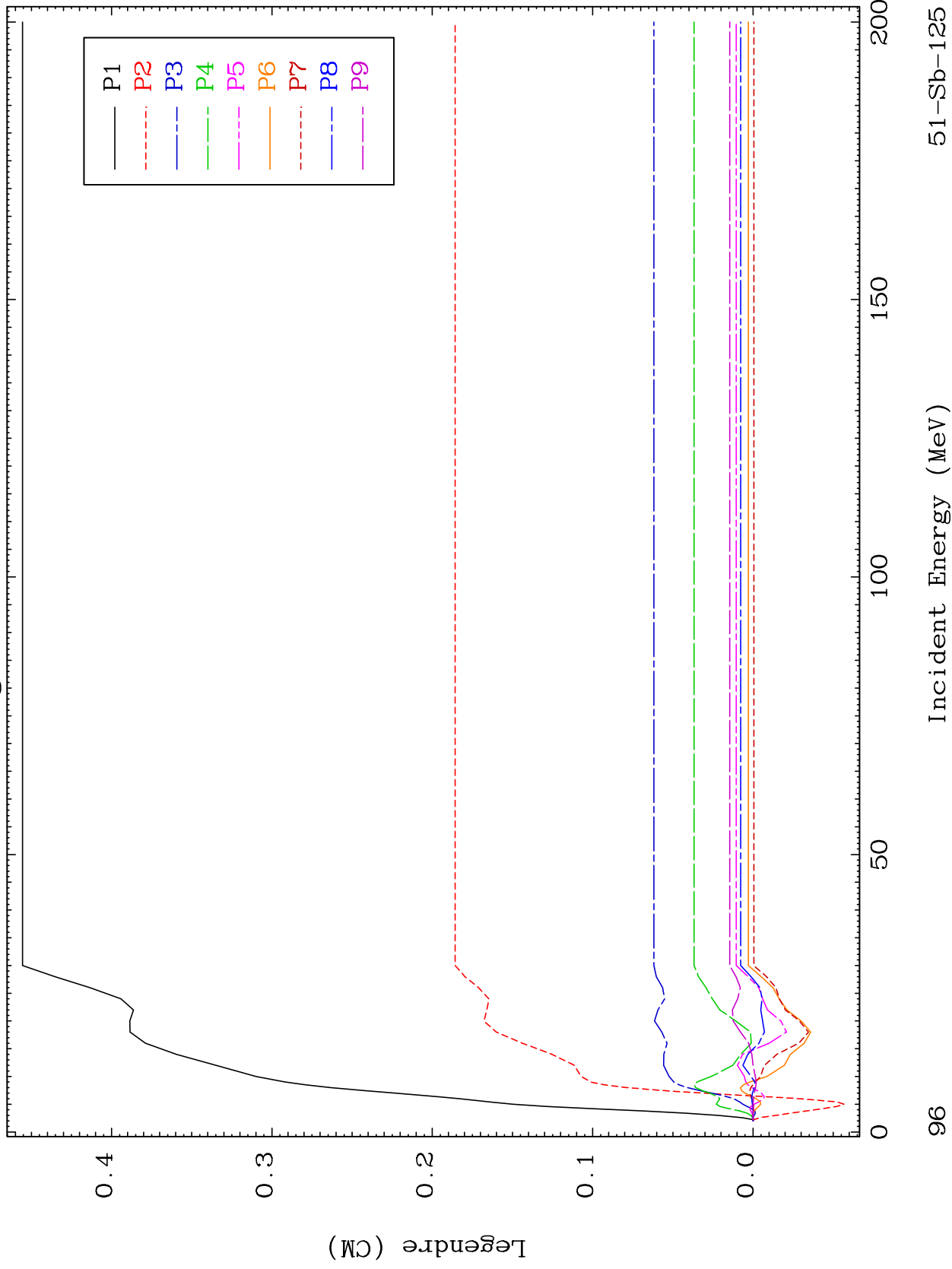
51-Sb-125



MAT 5137

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

51-Sb-125



51-Sb-125

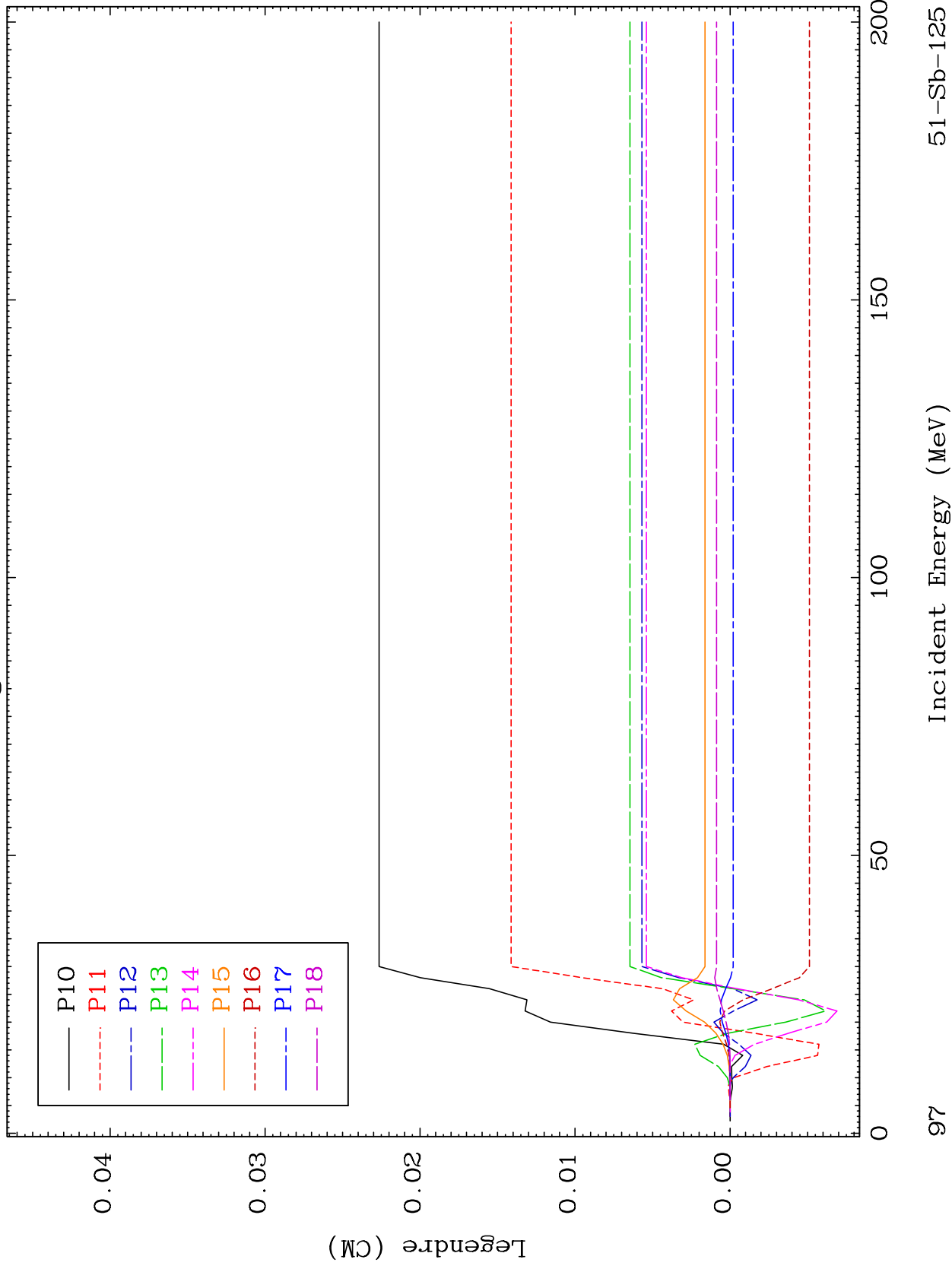
Incident Energy (MeV)

96

MAT 5137

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

51-Sb-125



97

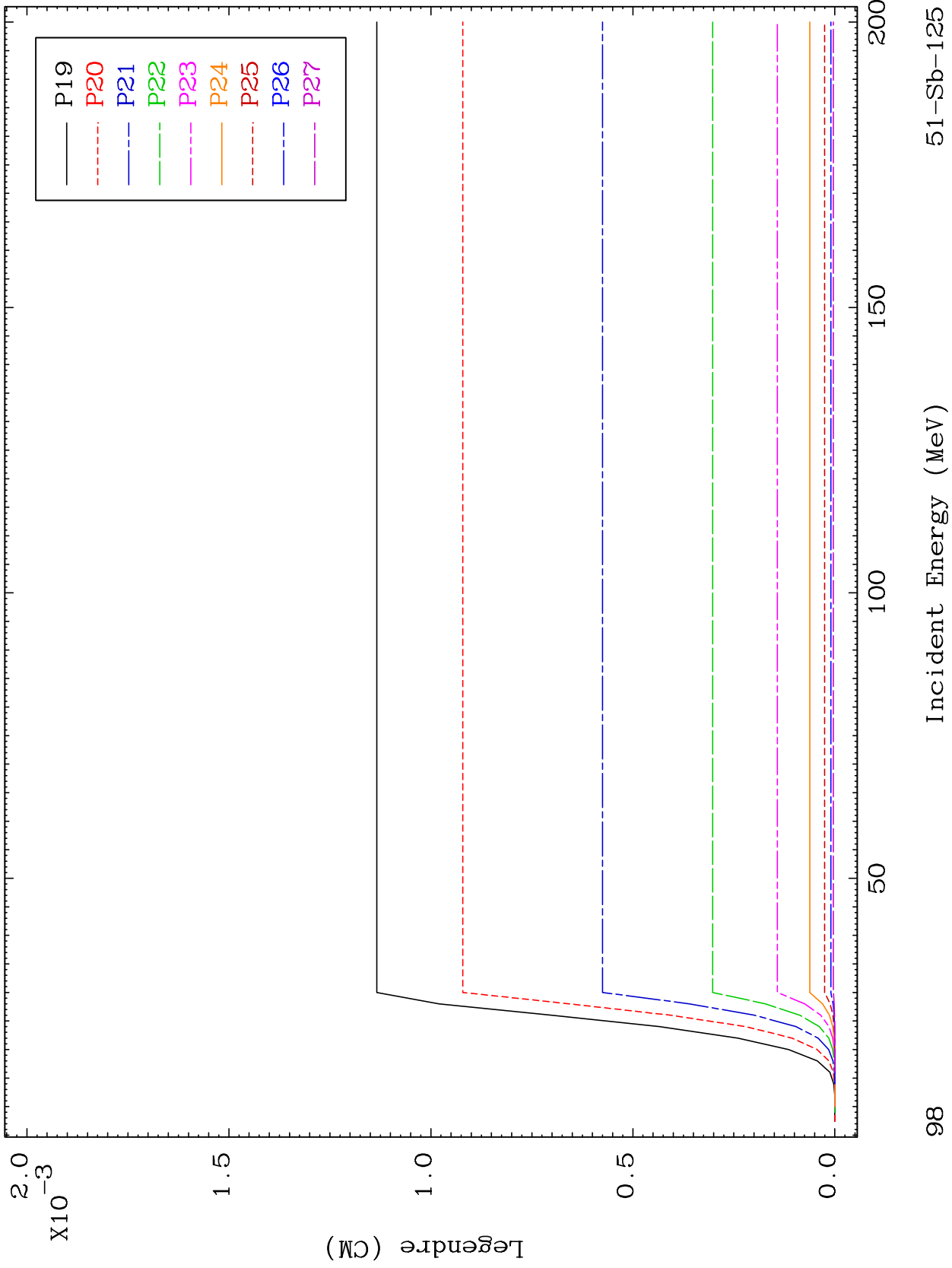
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

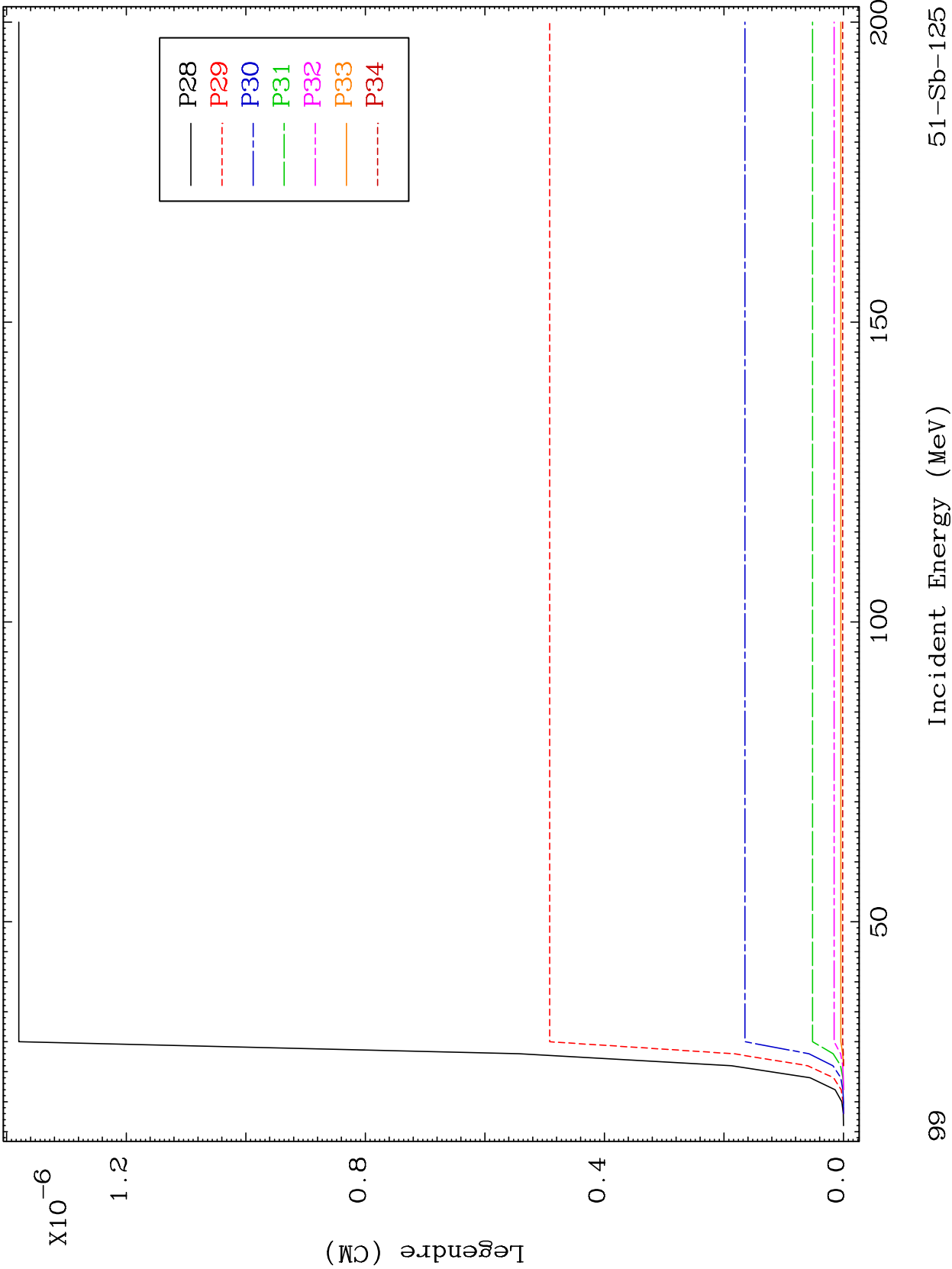
51-Sb-125



MAT 5137

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

51-Sb-125



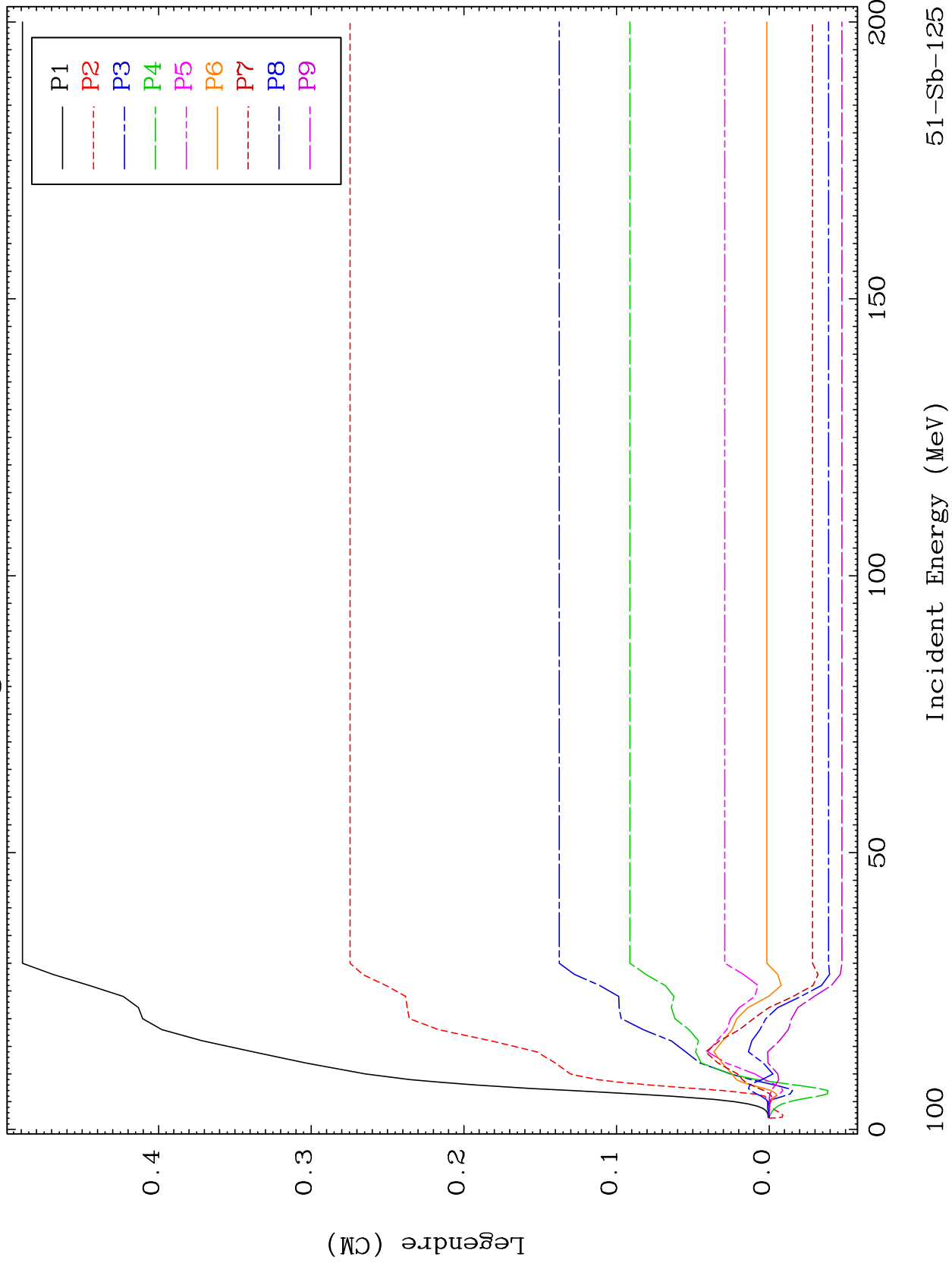
99

51-Sb-125

MAT 5137

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

51-Sb-125



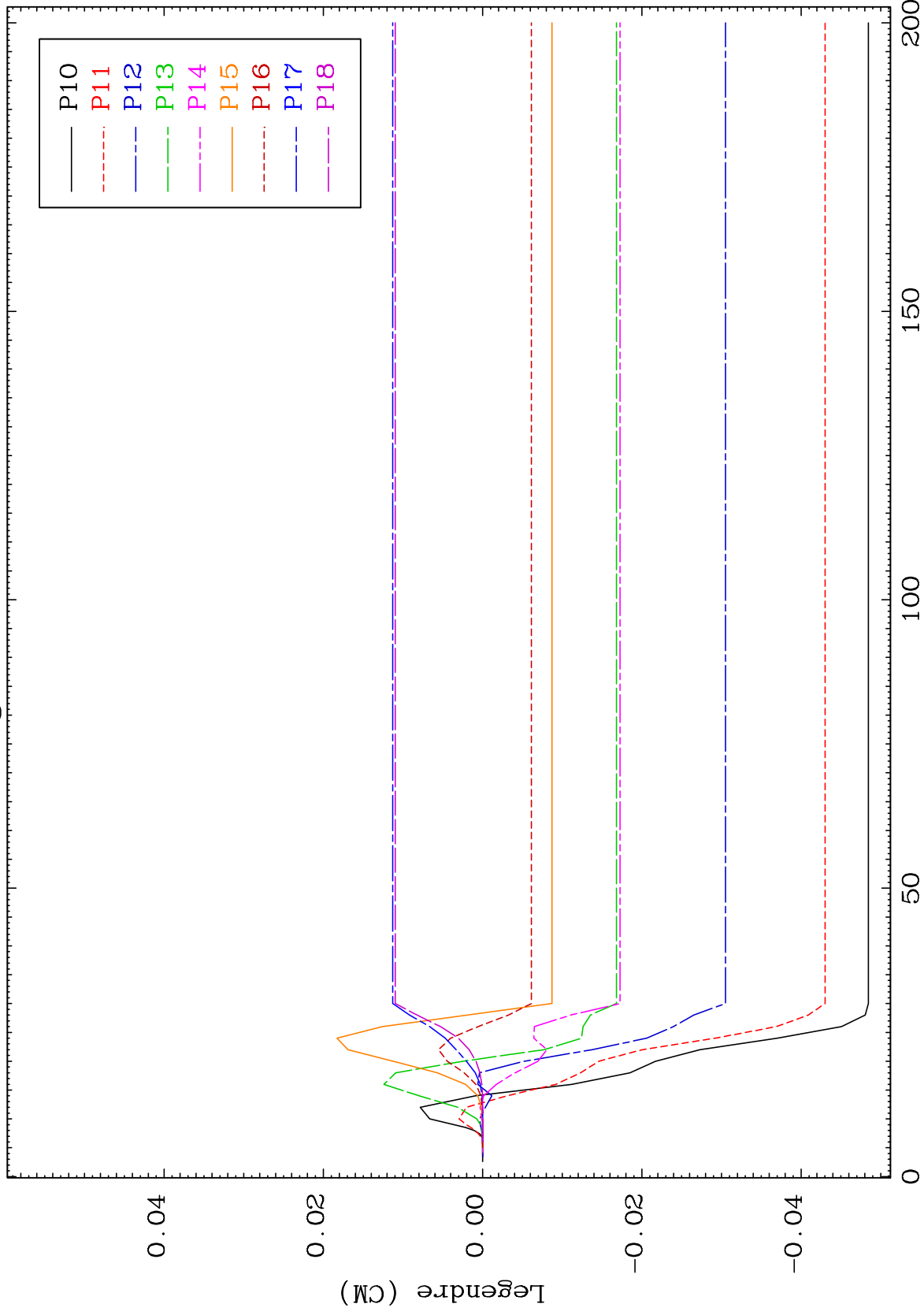
51-Sb-125

Incident Energy (MeV)

MAT 5137

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

51-Sb-125



101

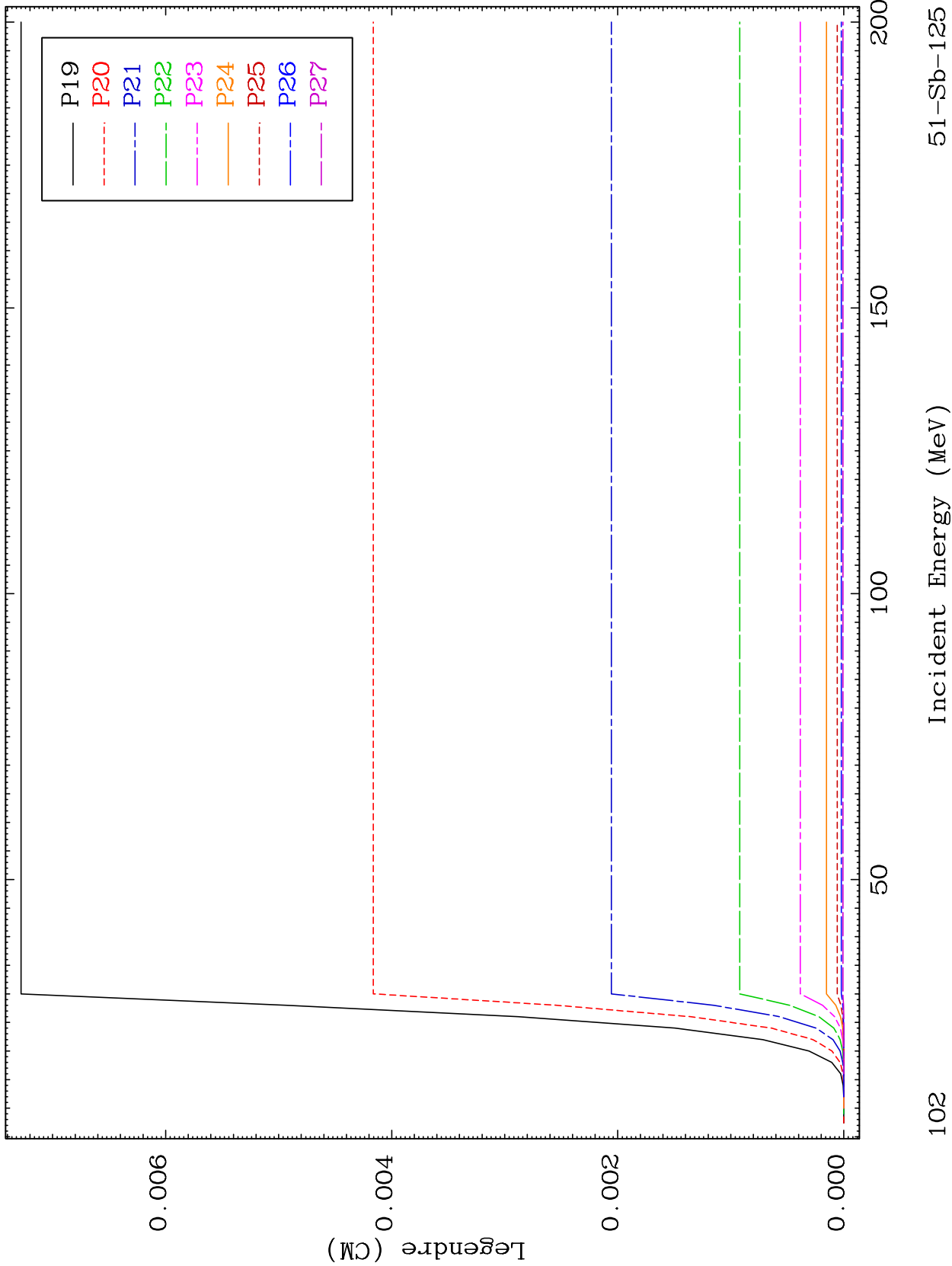
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



102

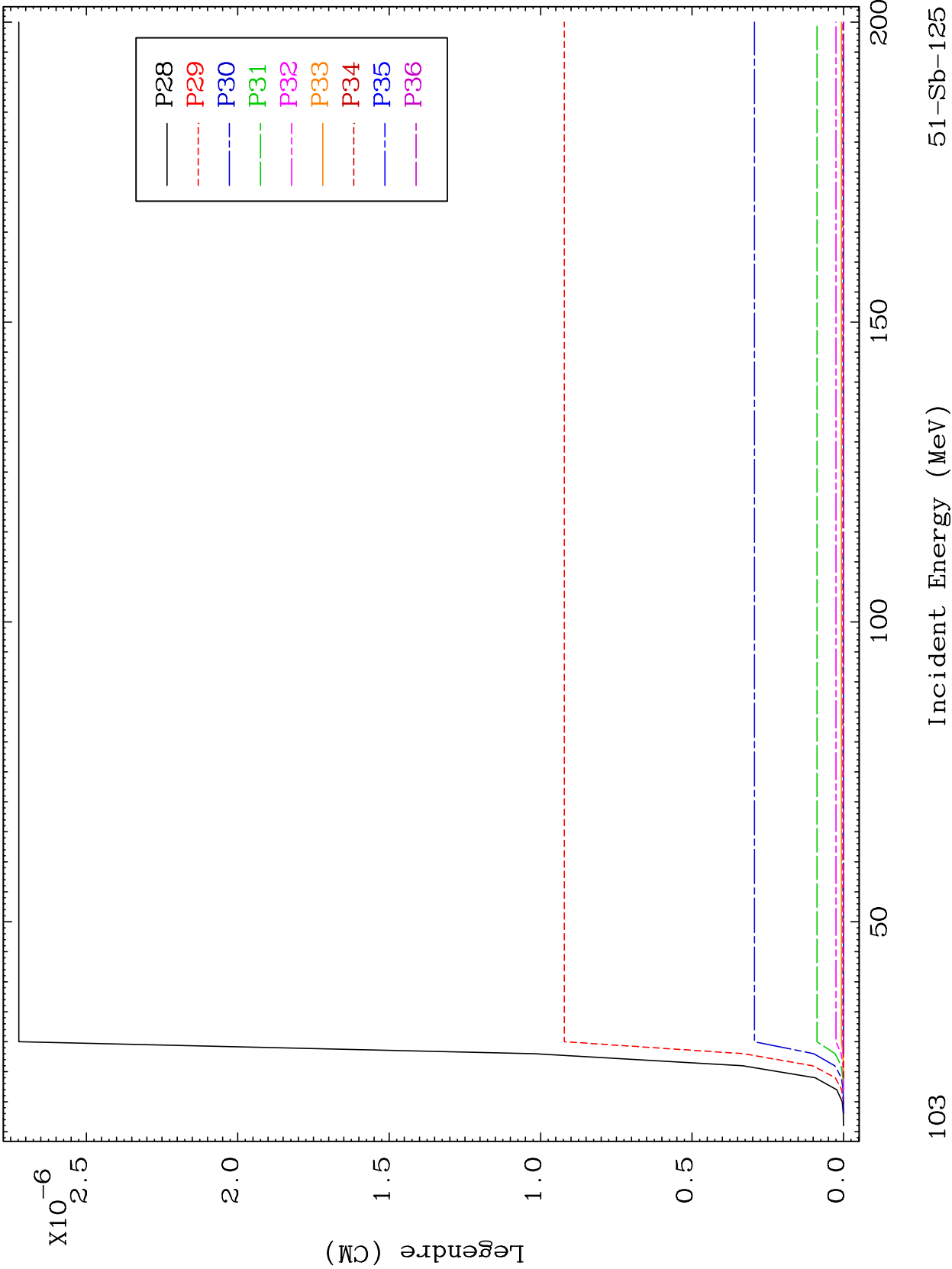
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



103

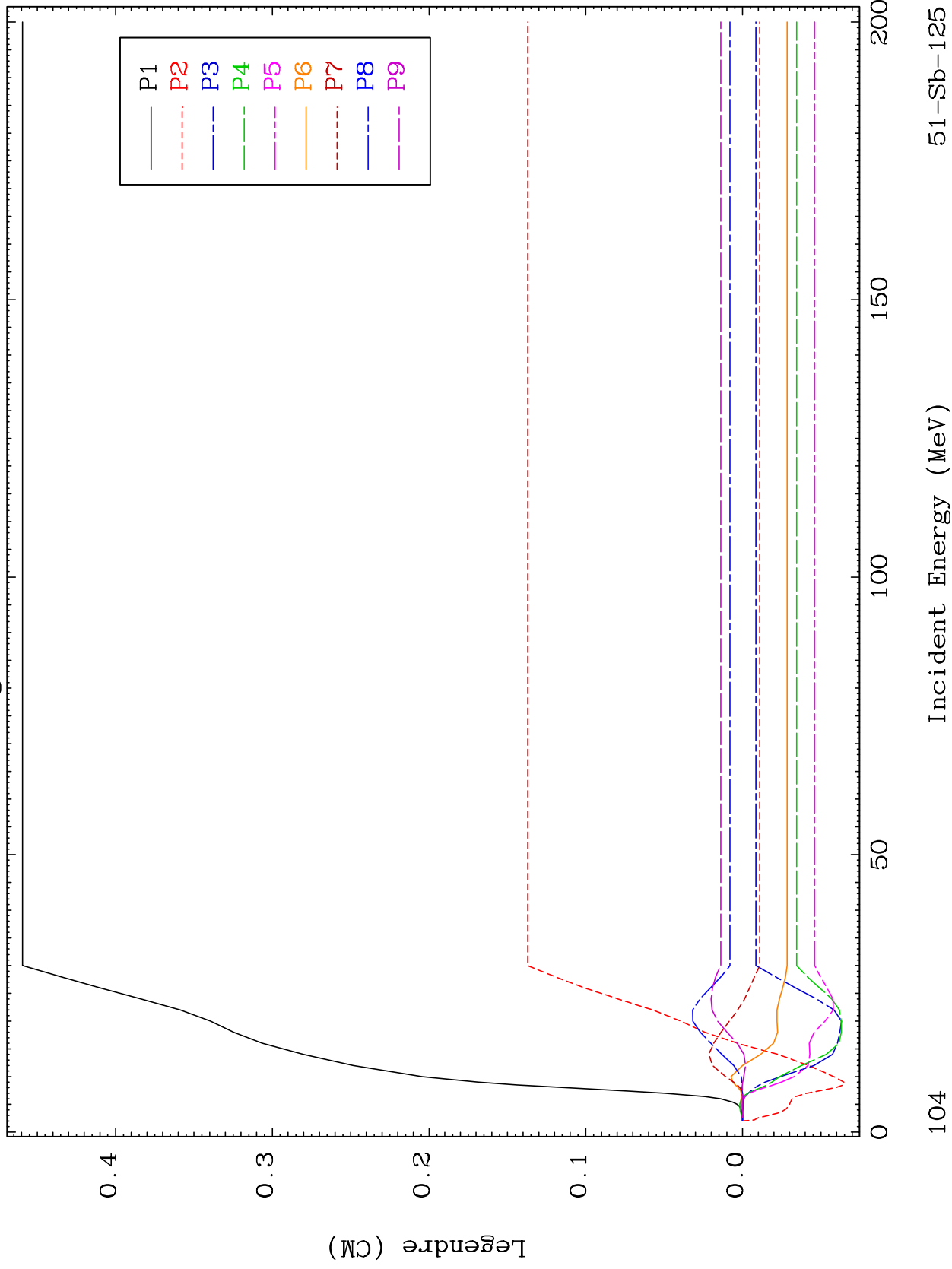
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

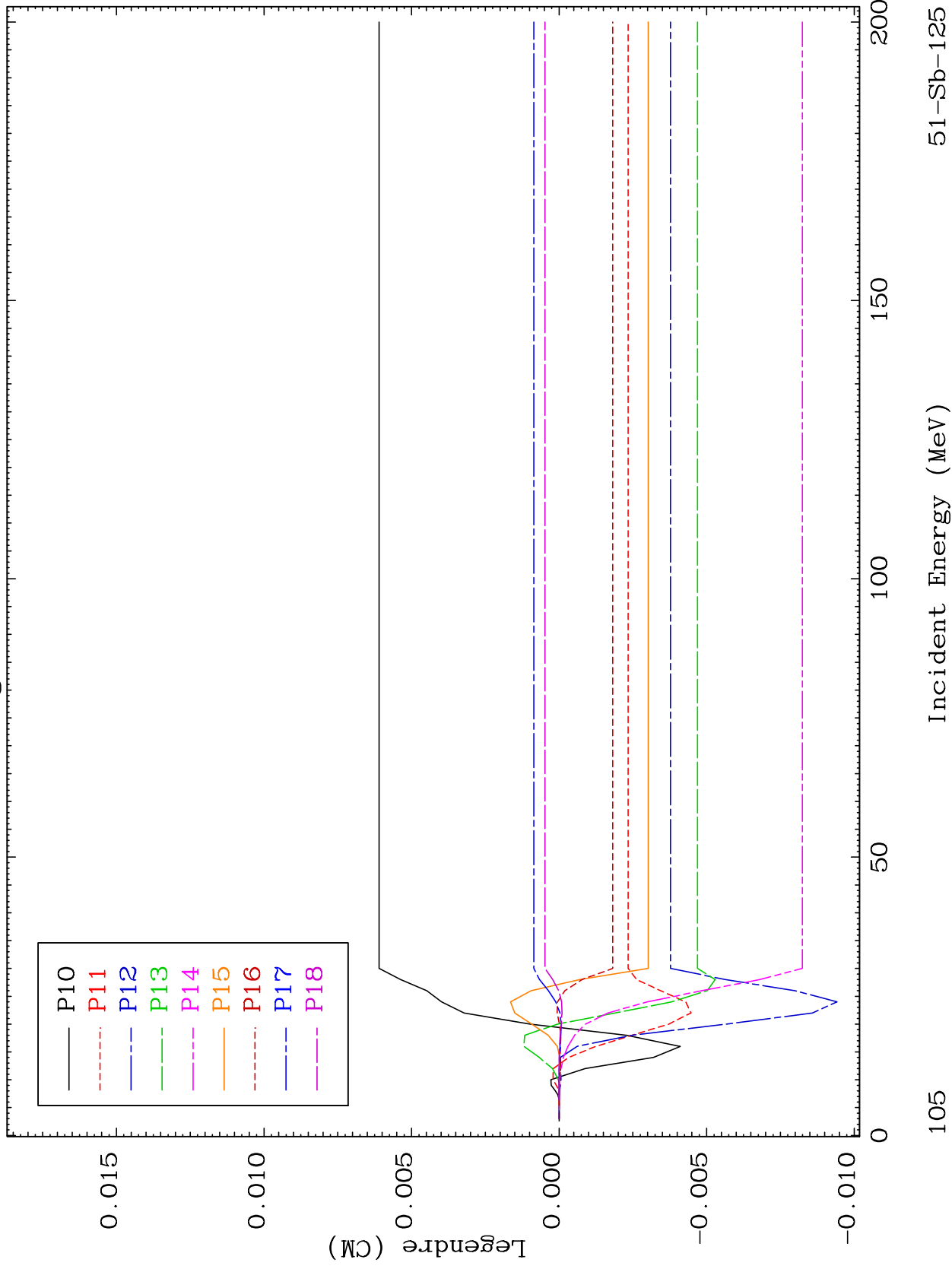
Incident Energy (MeV)

104

MAT 5137

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

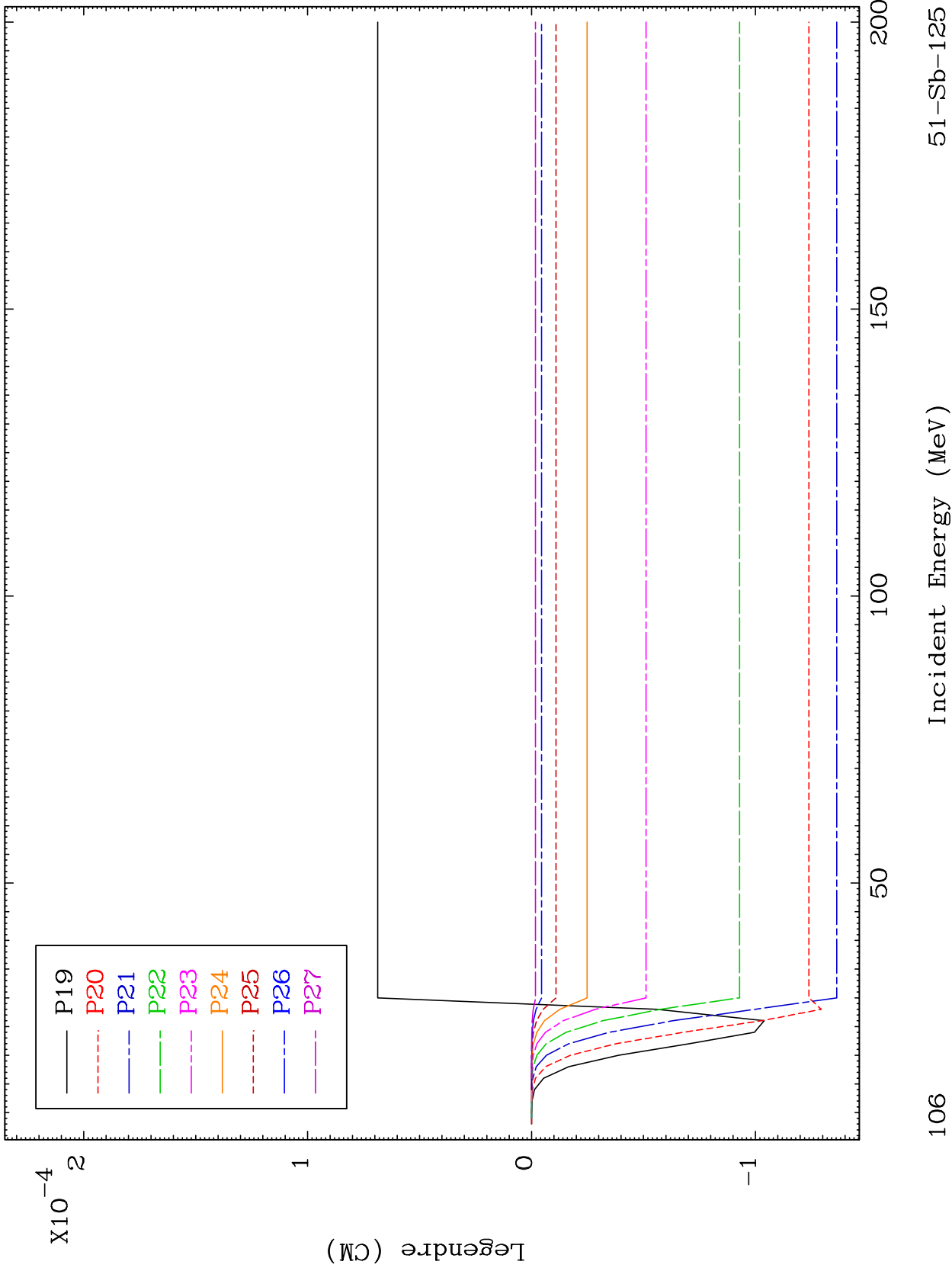
51-Sb-125



51-Sb-125

Incident Energy (MeV)

105

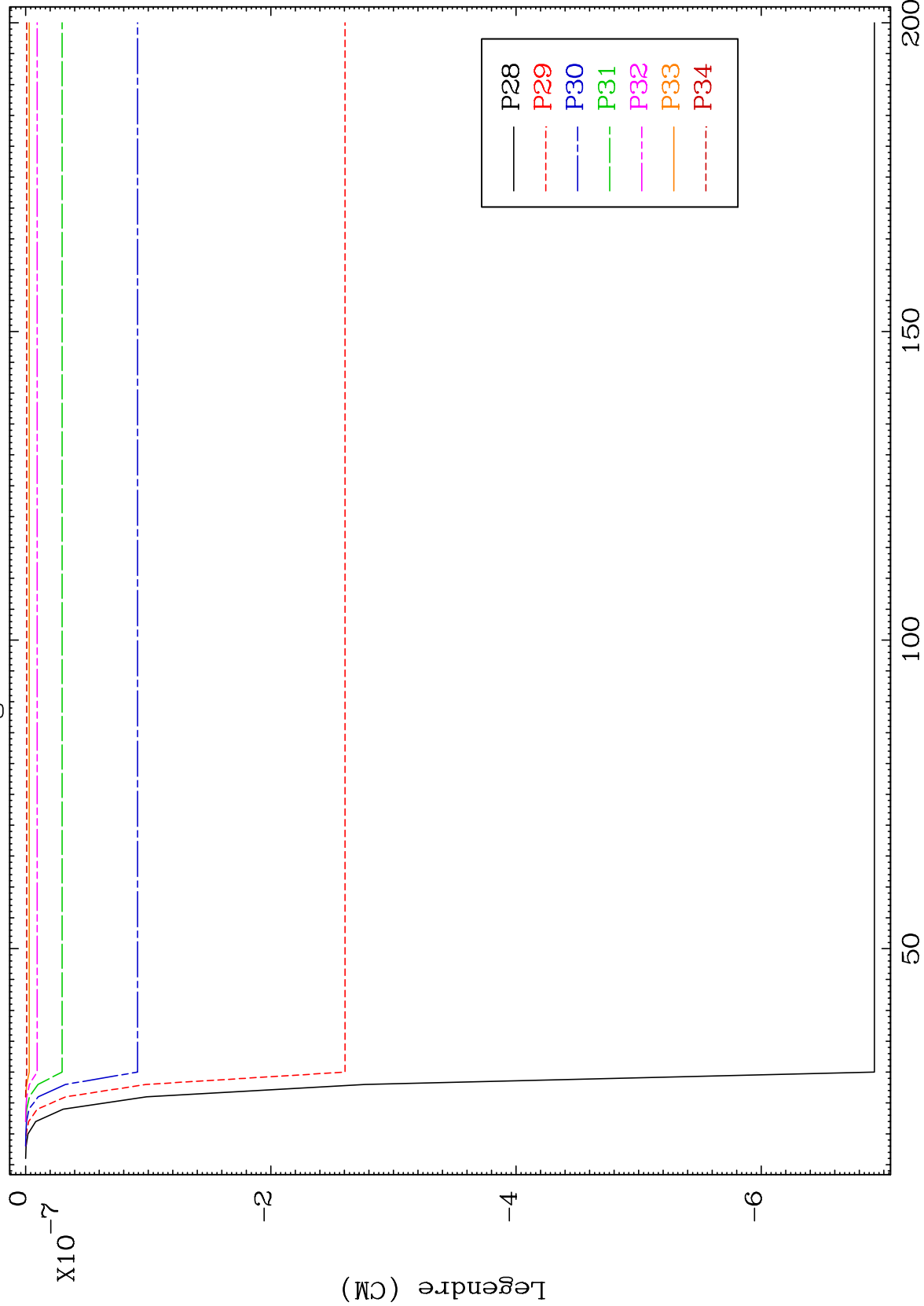


MAT 5137

MT= 72 (n,n') Level

51-Sb-125

Legendre Coefficients



107

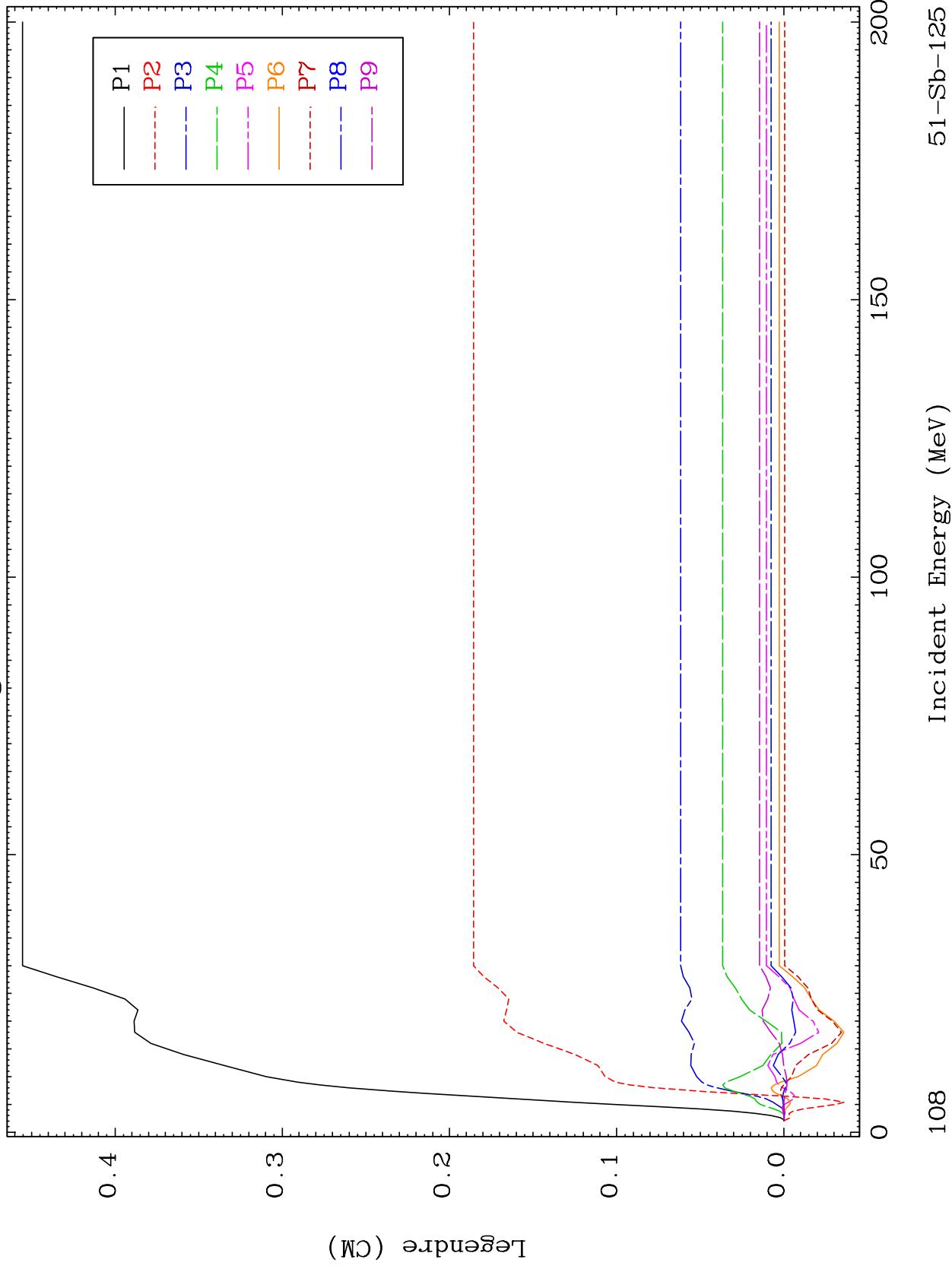
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

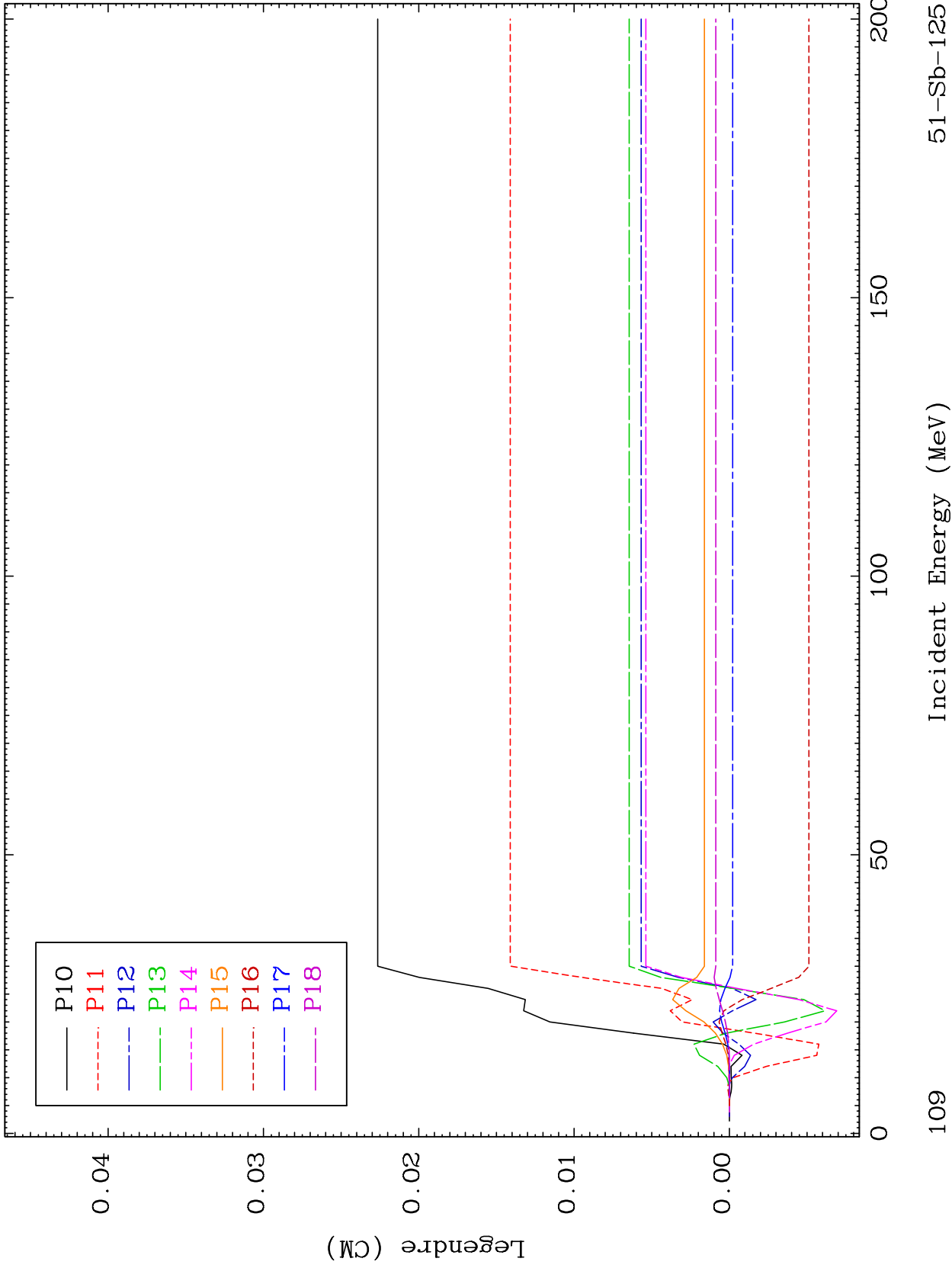
Incident Energy (MeV)

108

MAT 5137

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

51-Sb-125



109

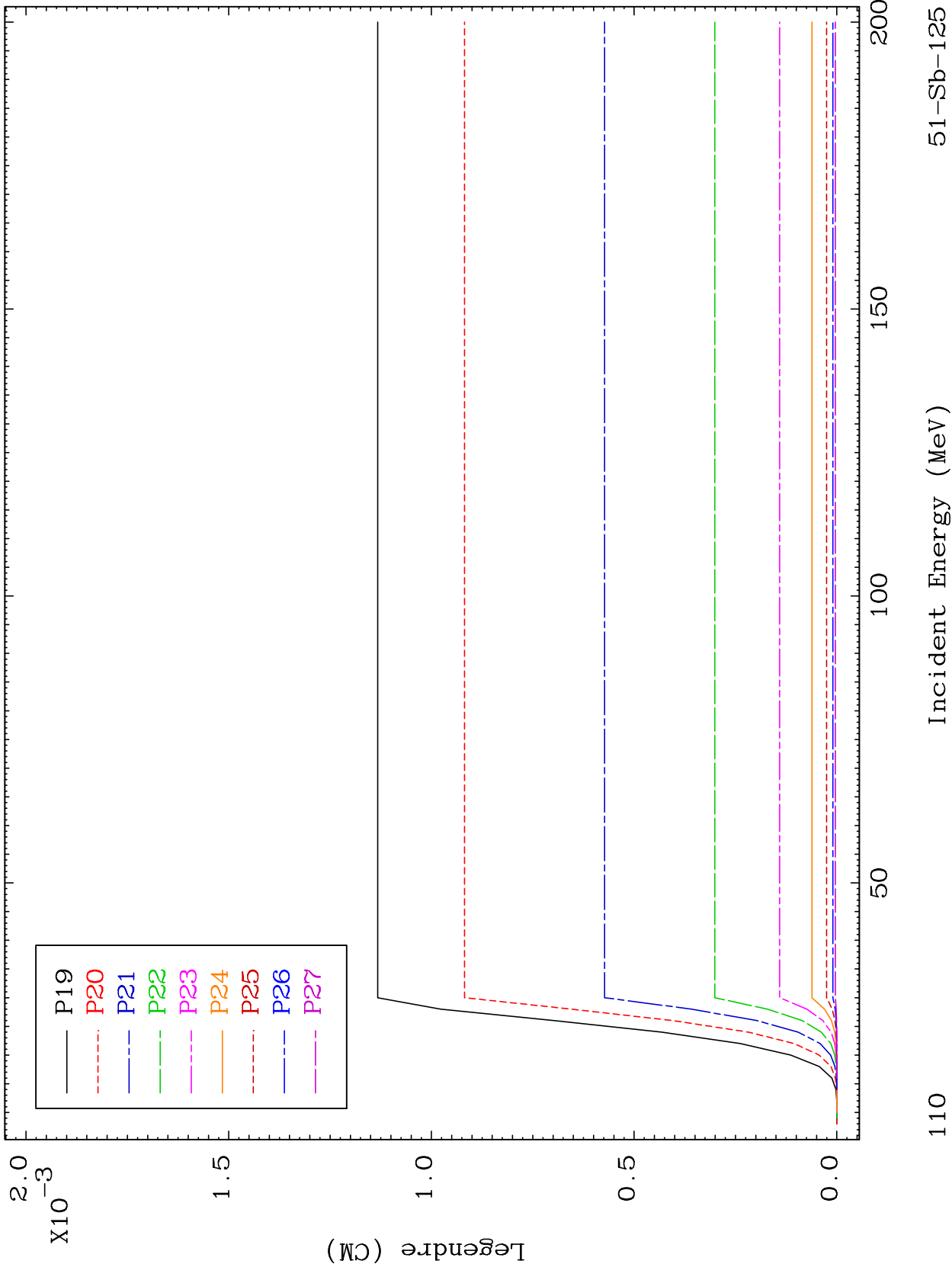
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

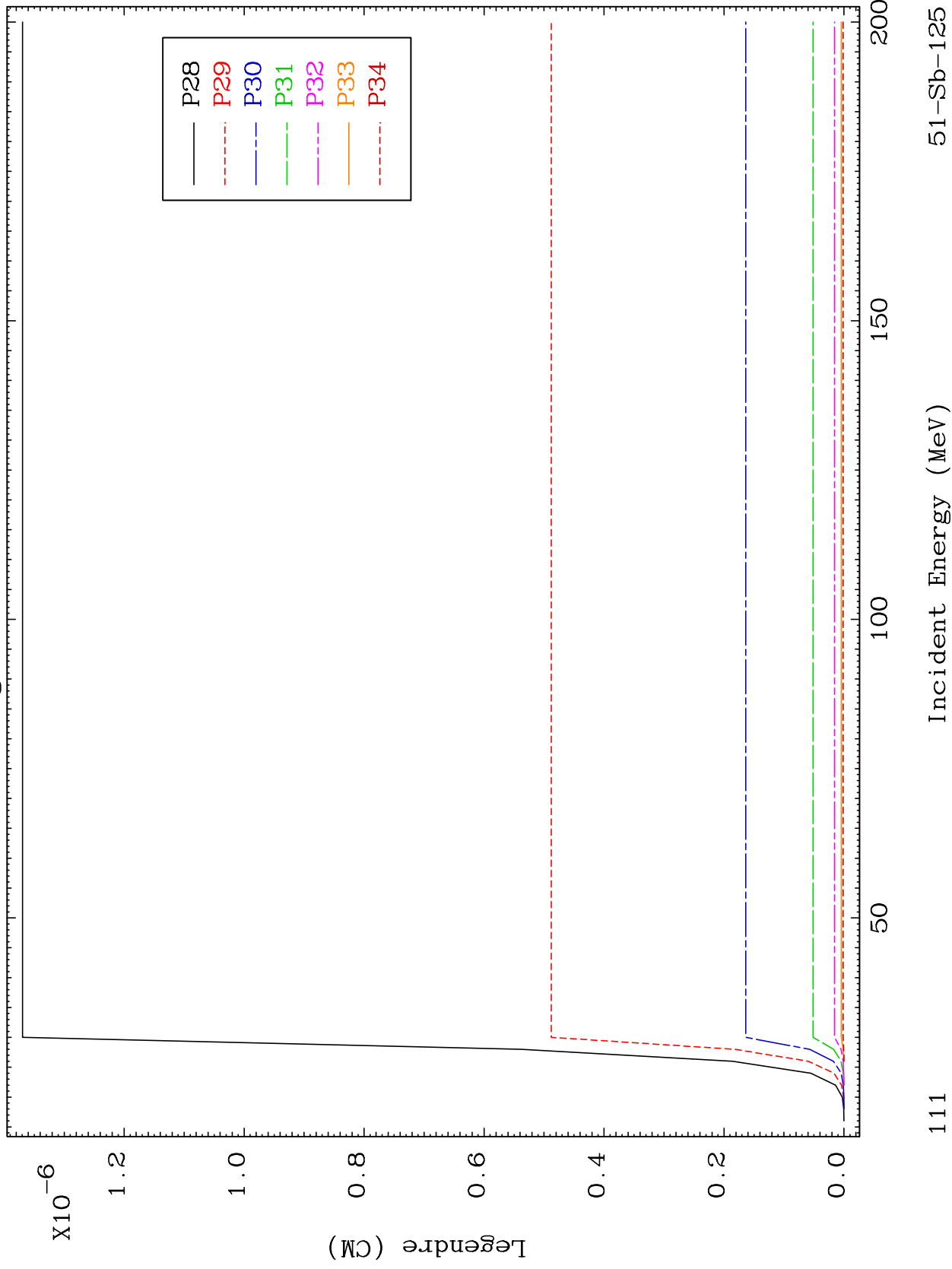
51-Sb-125



MAT 5137

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

51-Sb-125



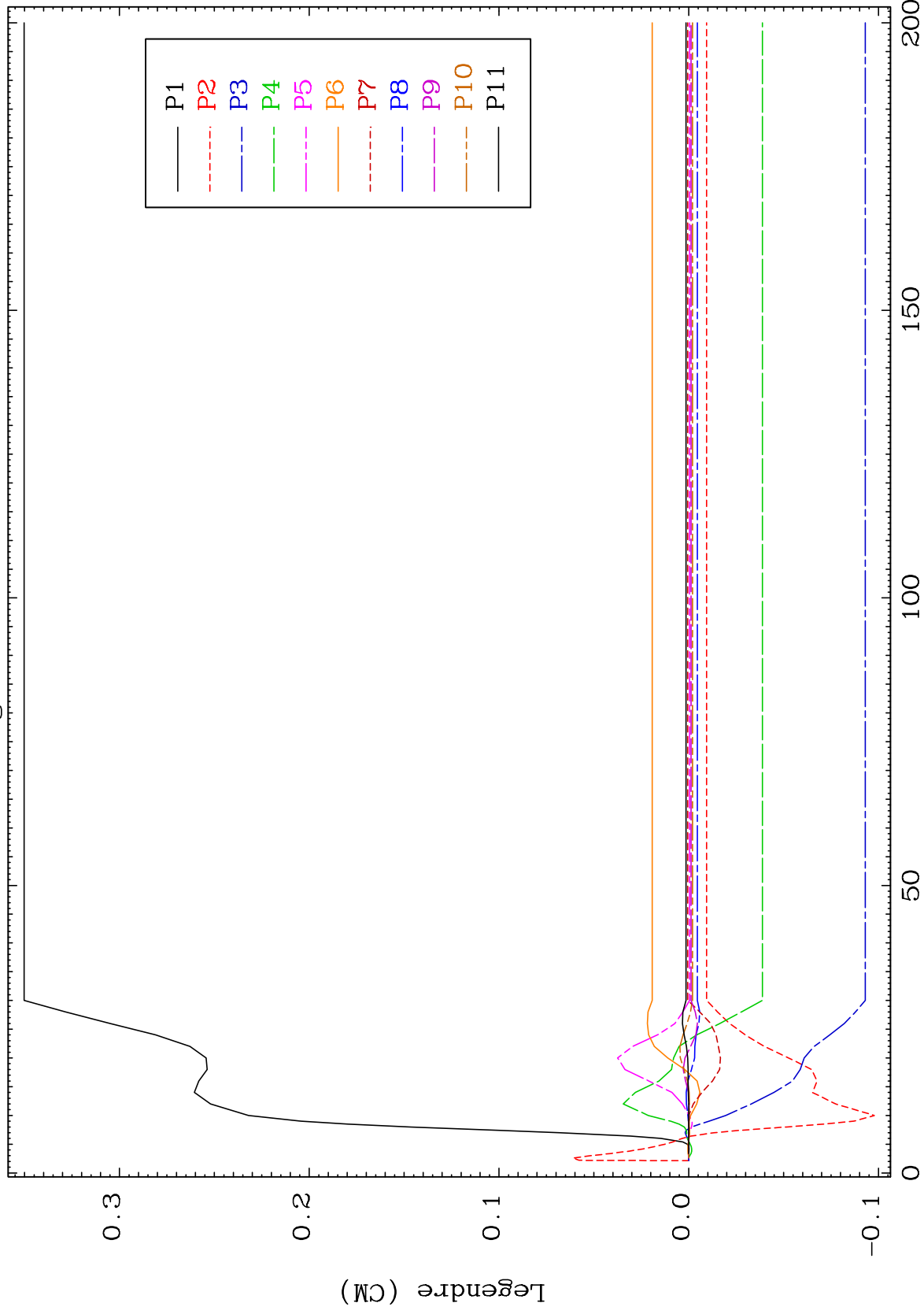
111

51-Sb-125

MAT 5137

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

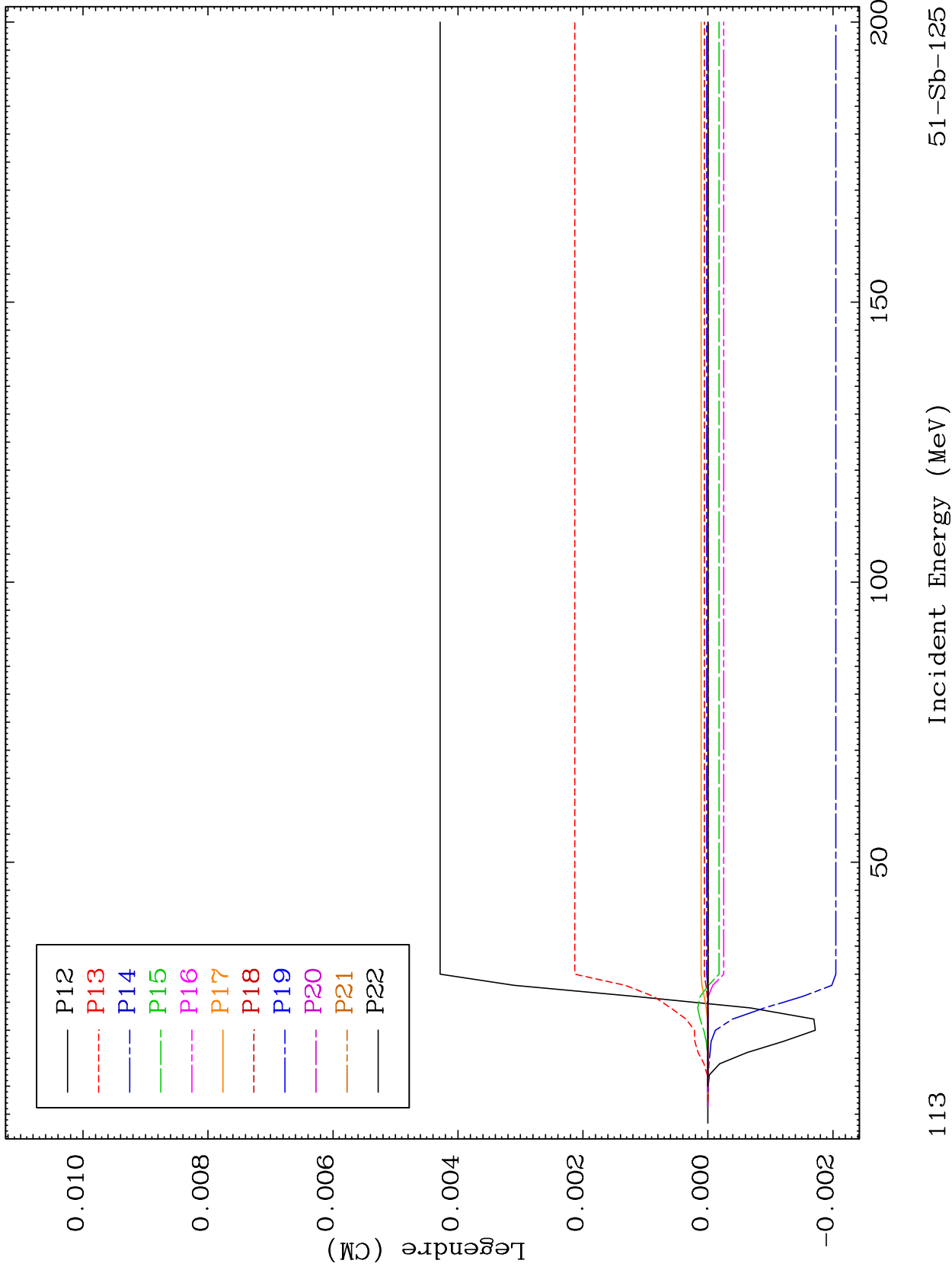
51-Sb-125



112

Incident Energy (MeV)

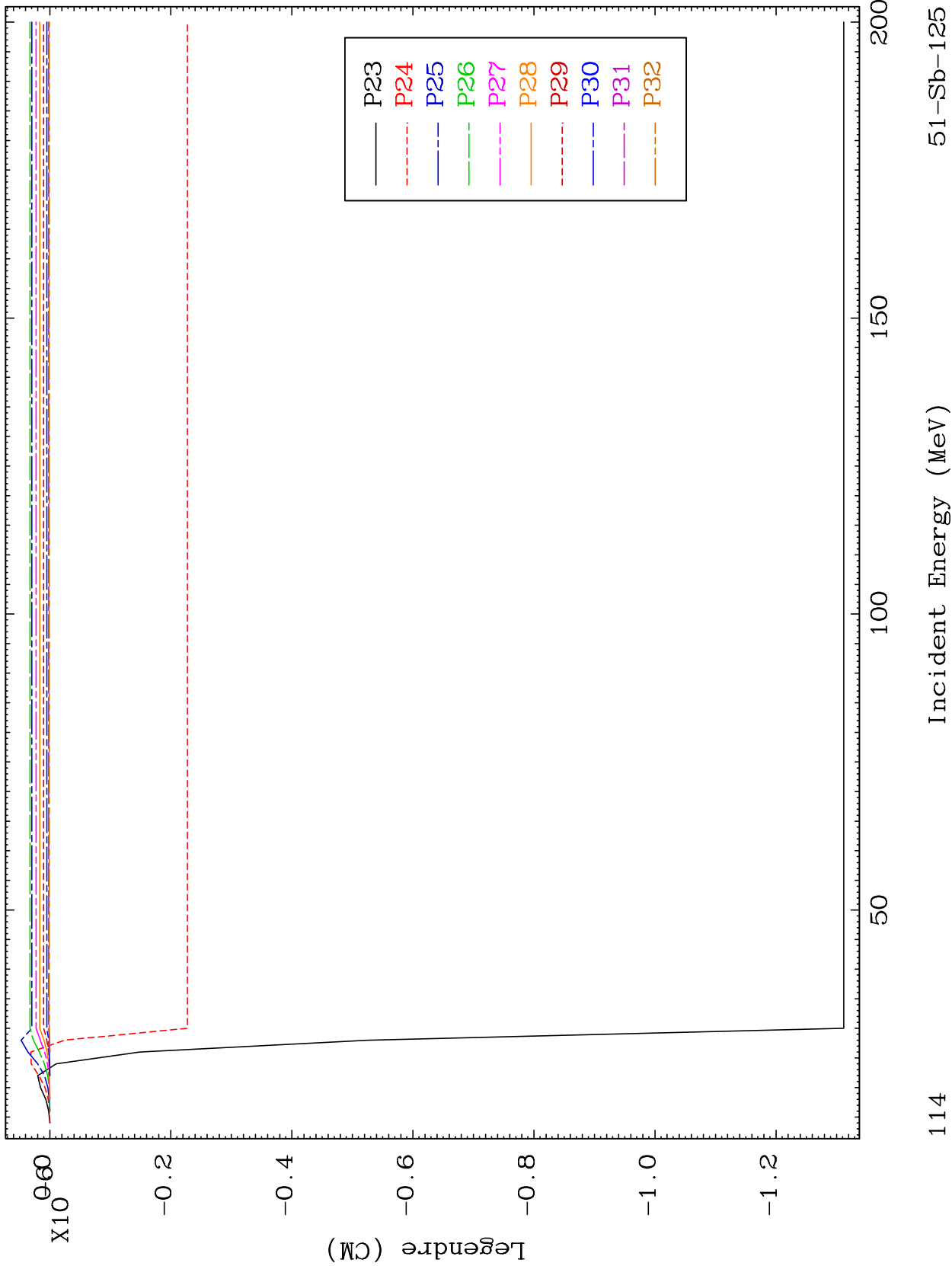
51-Sb-125



MAT 5137

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

51-Sb-125



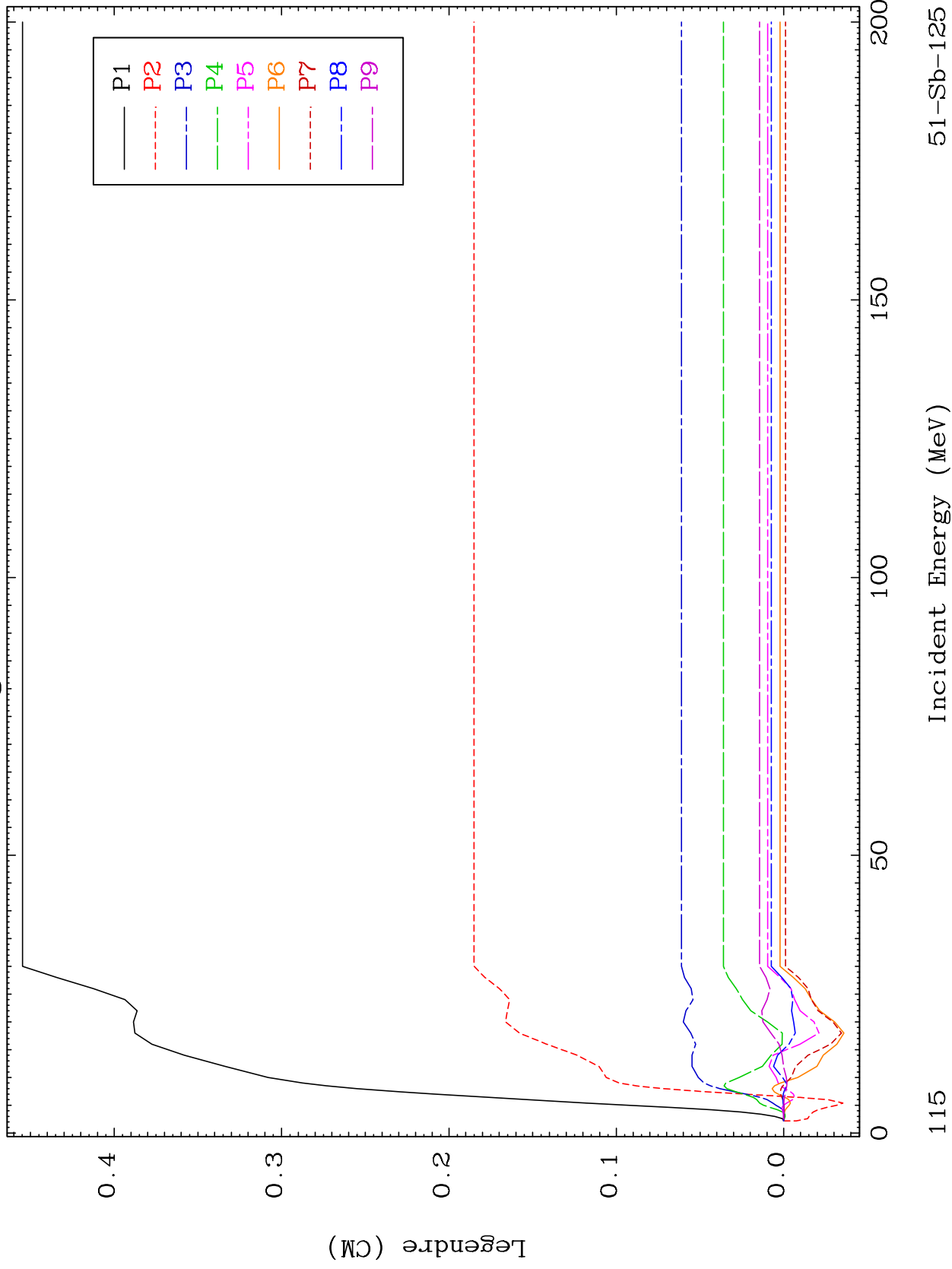
114

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

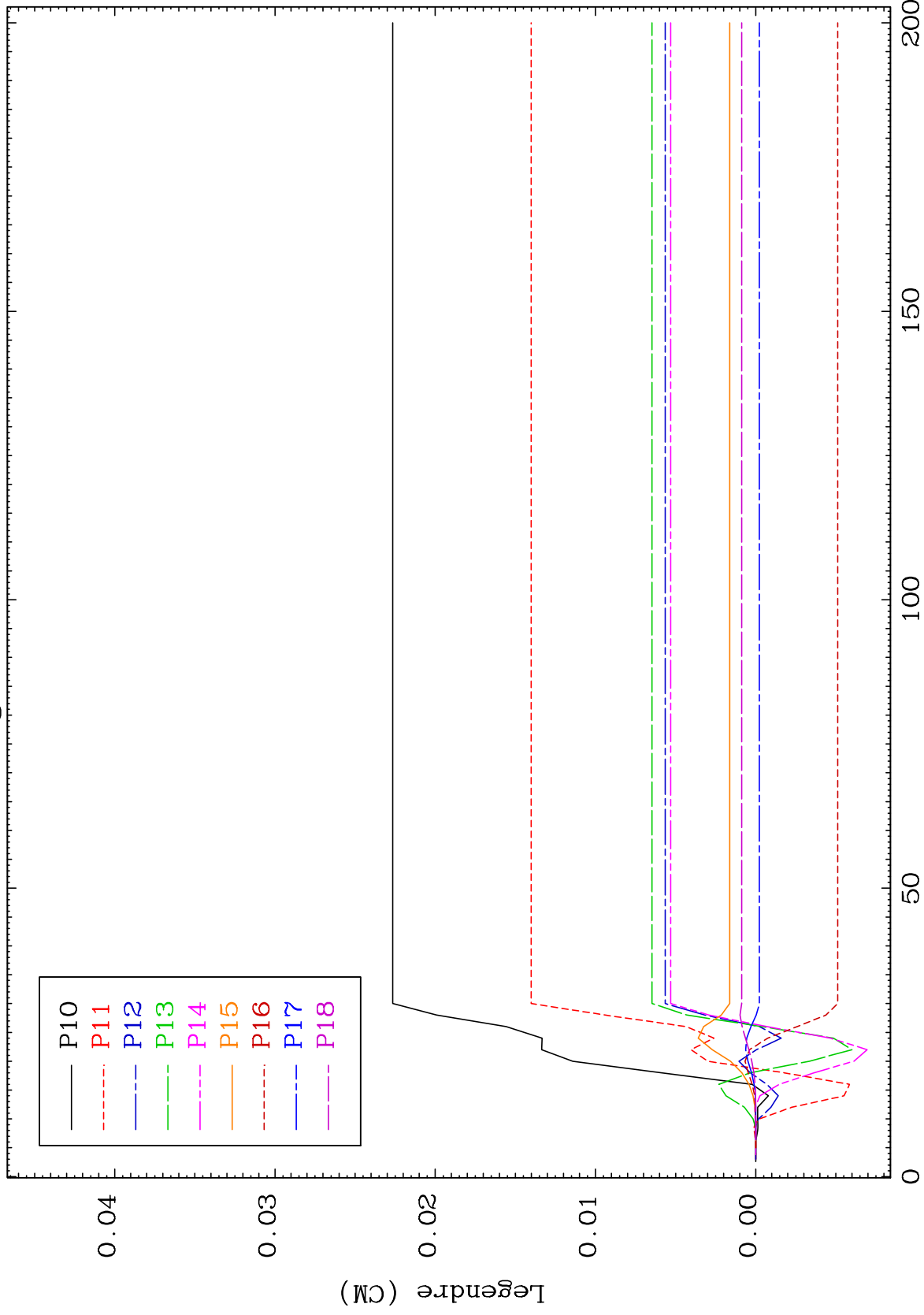
Incident Energy (MeV)

115

MAT 5137

51-Sb-125

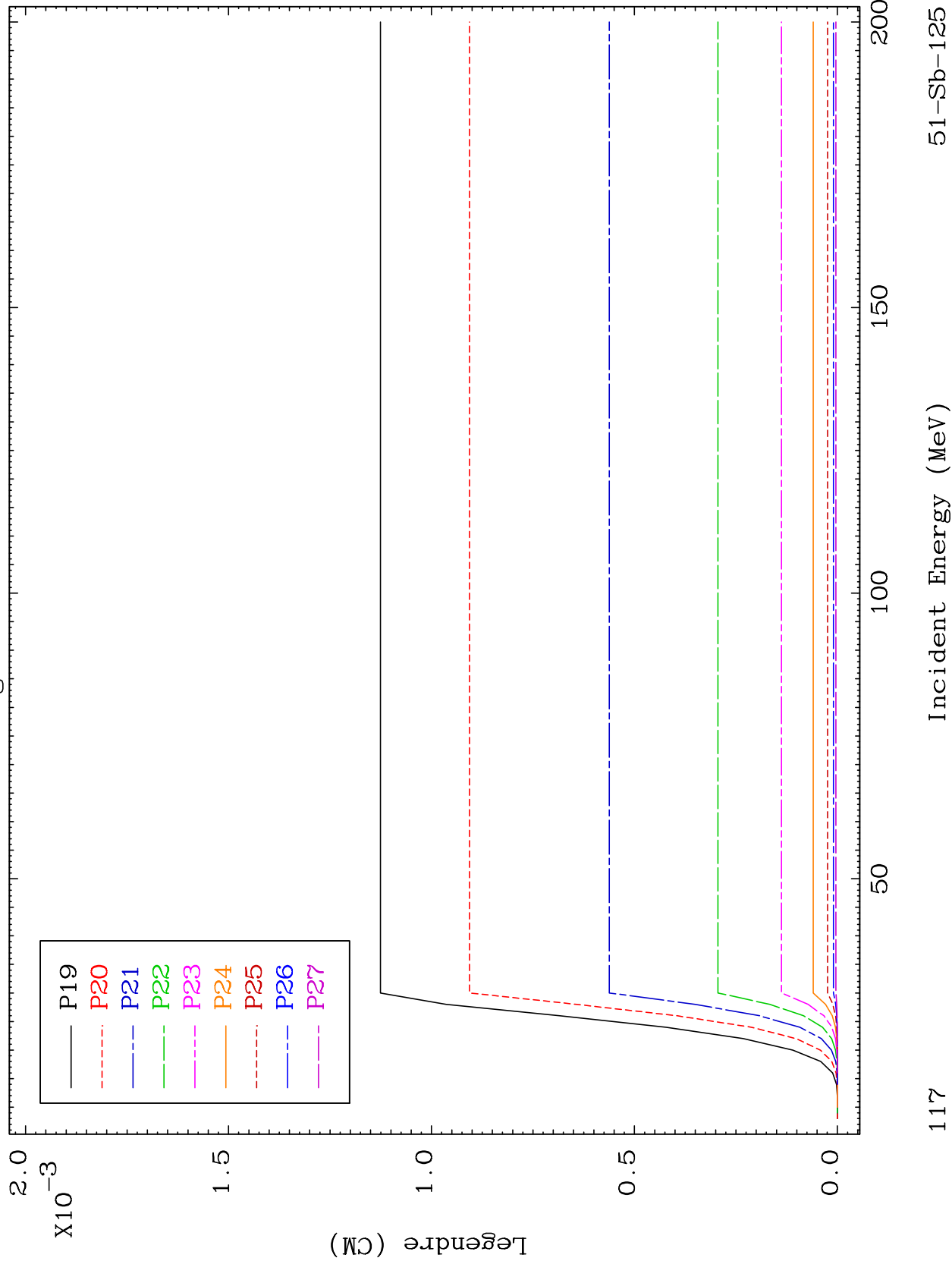
MT= 75 (n,n') Level  
Legendre Coefficients



116

Incident Energy (MeV)

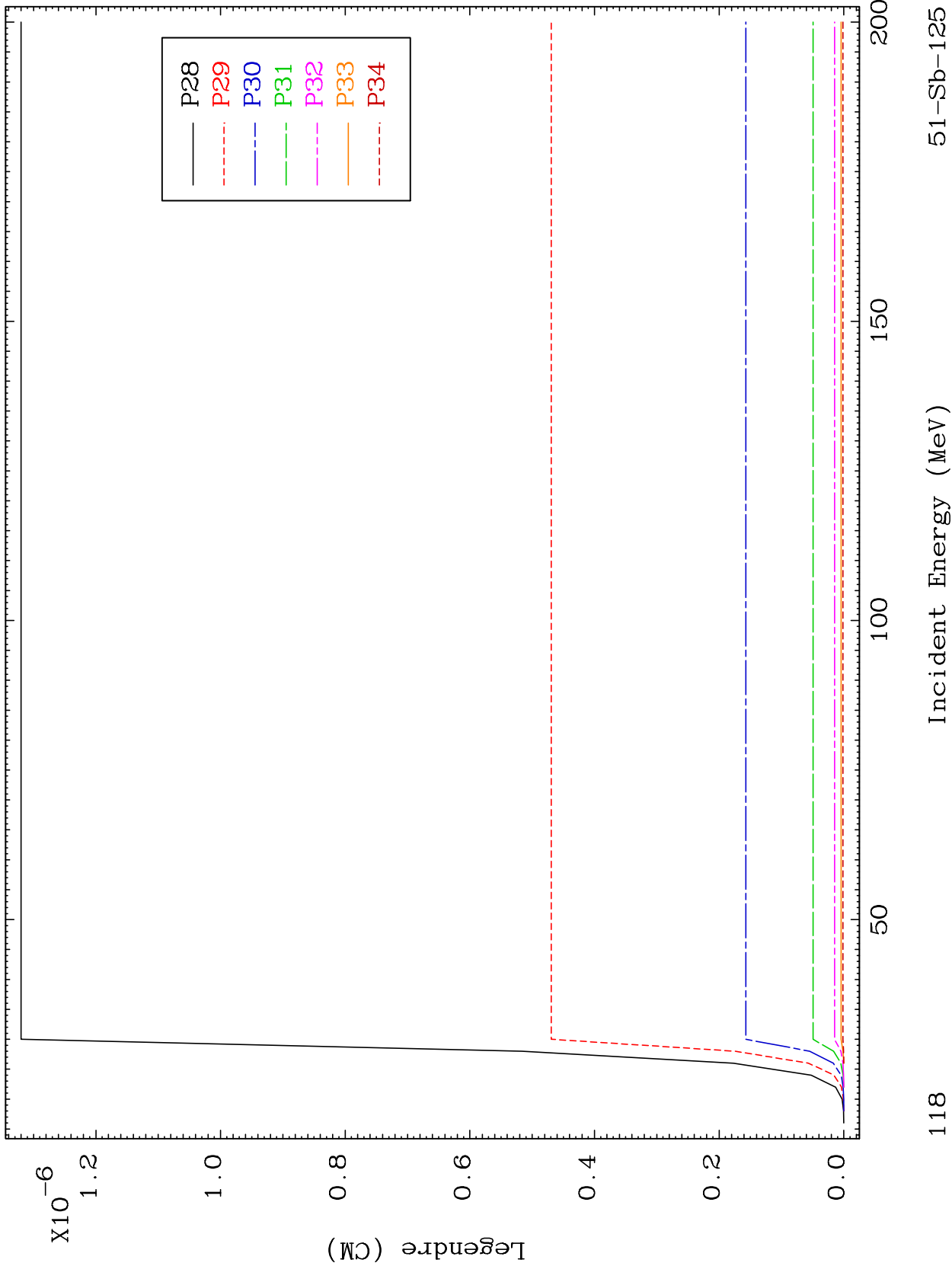
51-Sb-125



MAT 5137

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

51-Sb-125



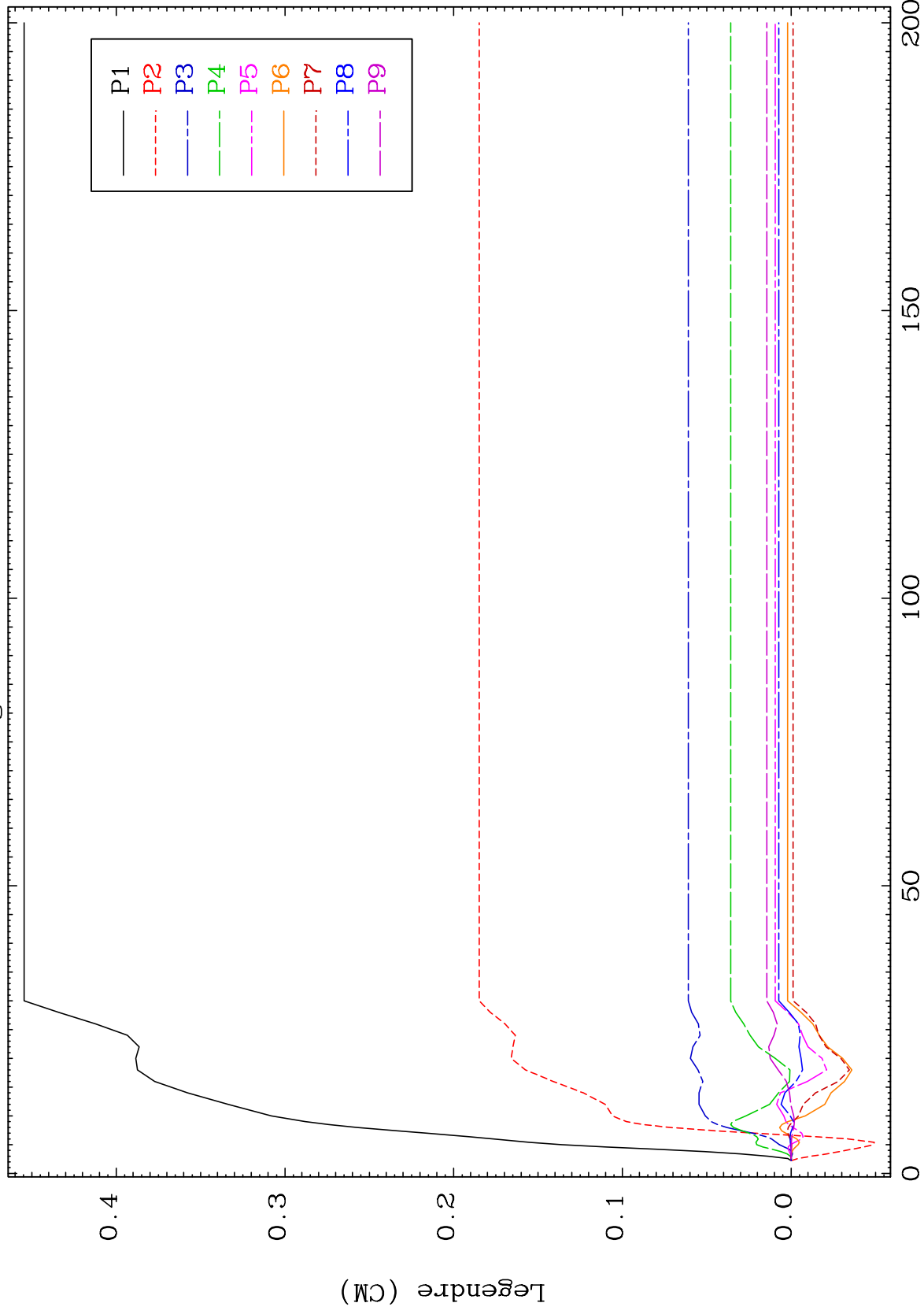
118

51-Sb-125

MAT 5137

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

51-Sb-125



119

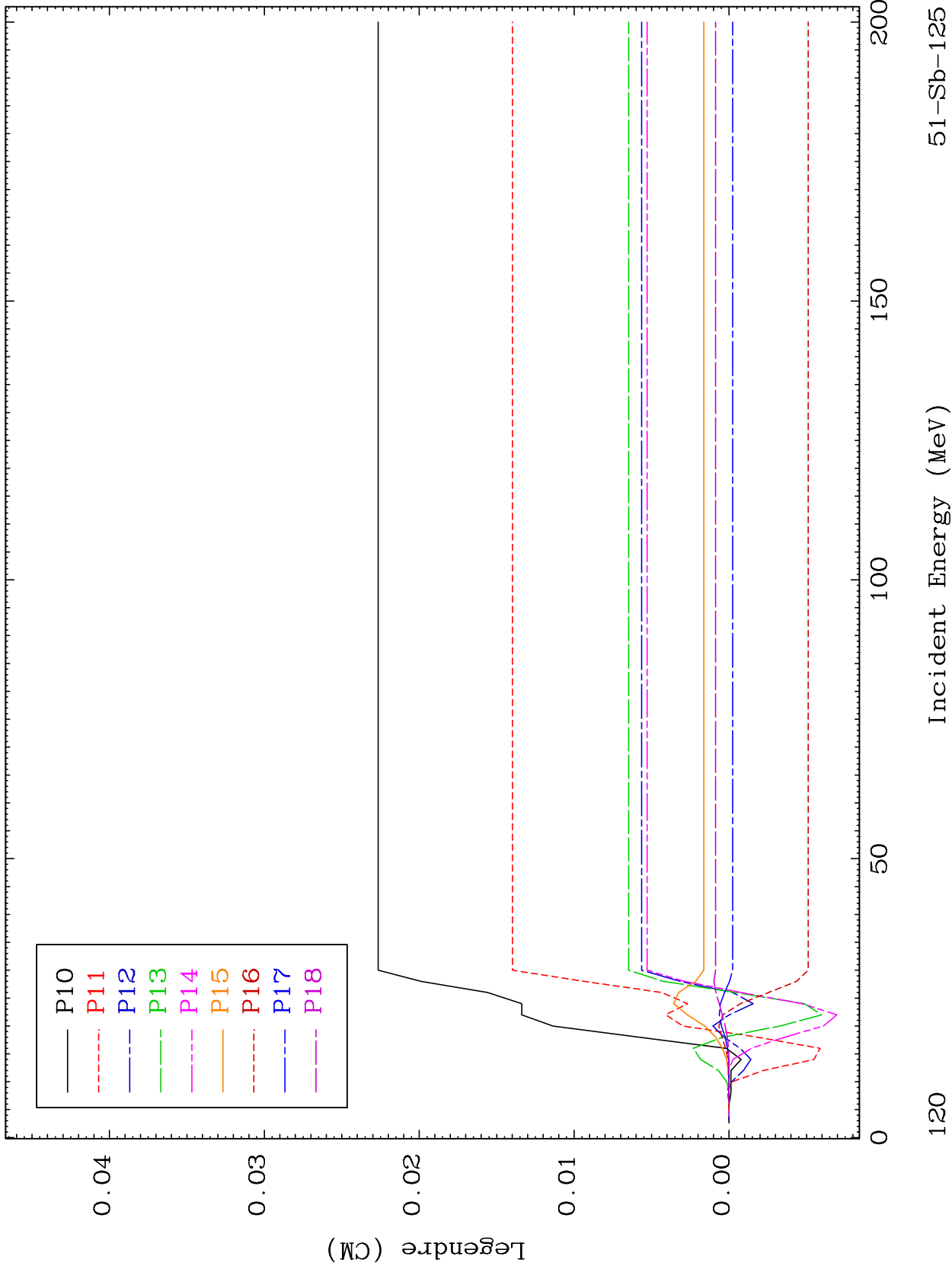
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

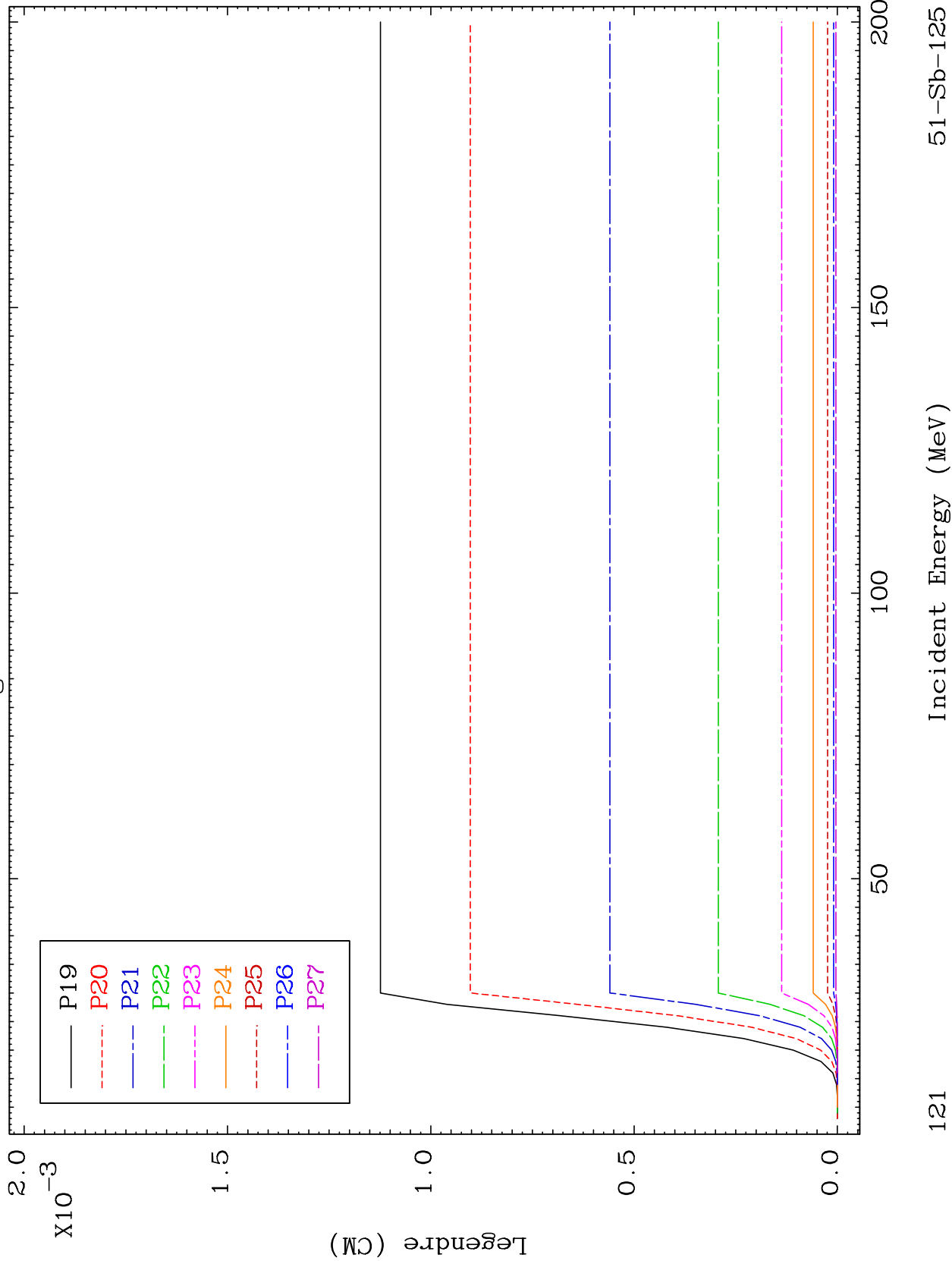
51-Sb-125



MAT 5137

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

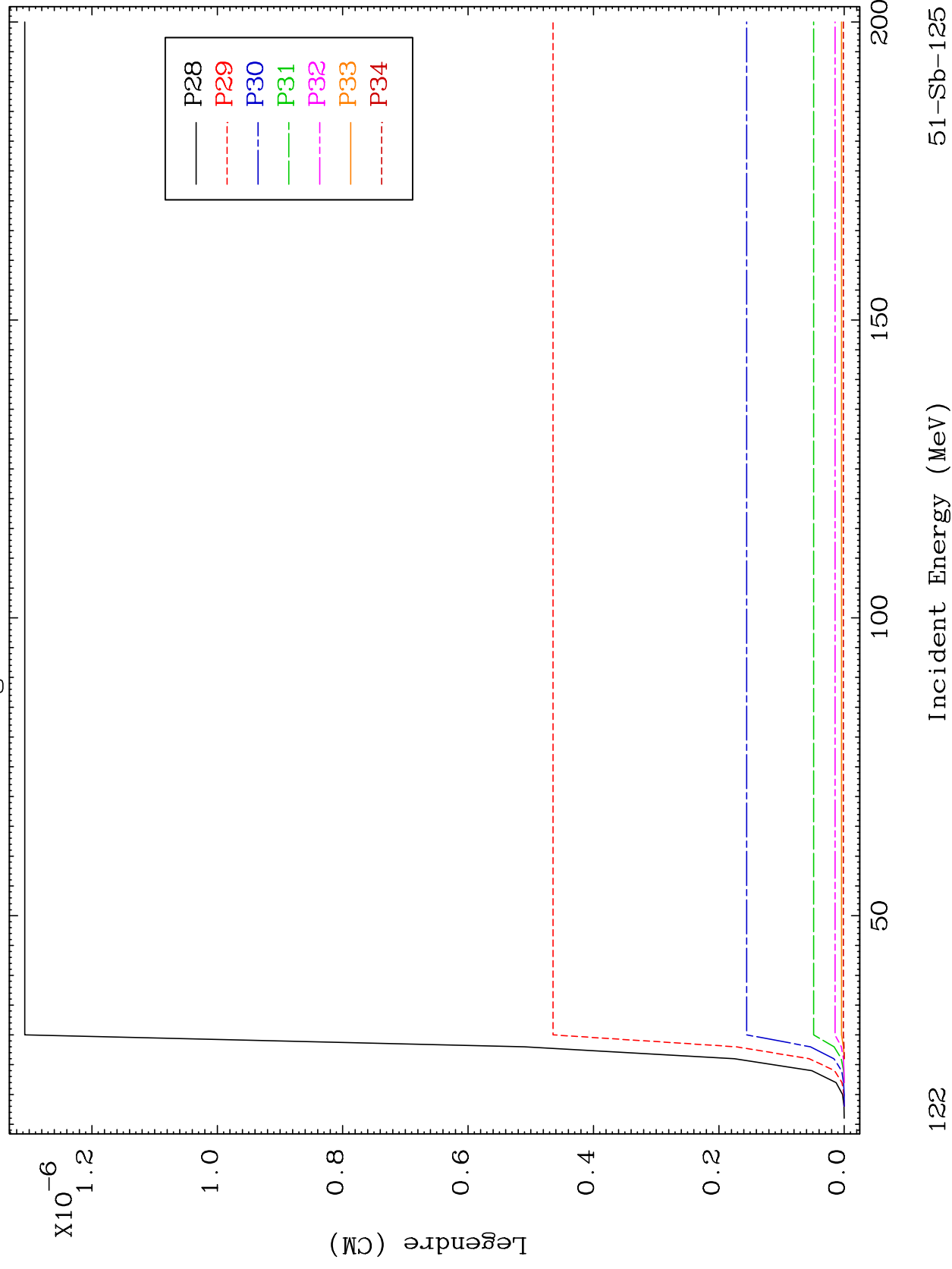
51-Sb-125



MAT 5137

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

51-Sb-125



122

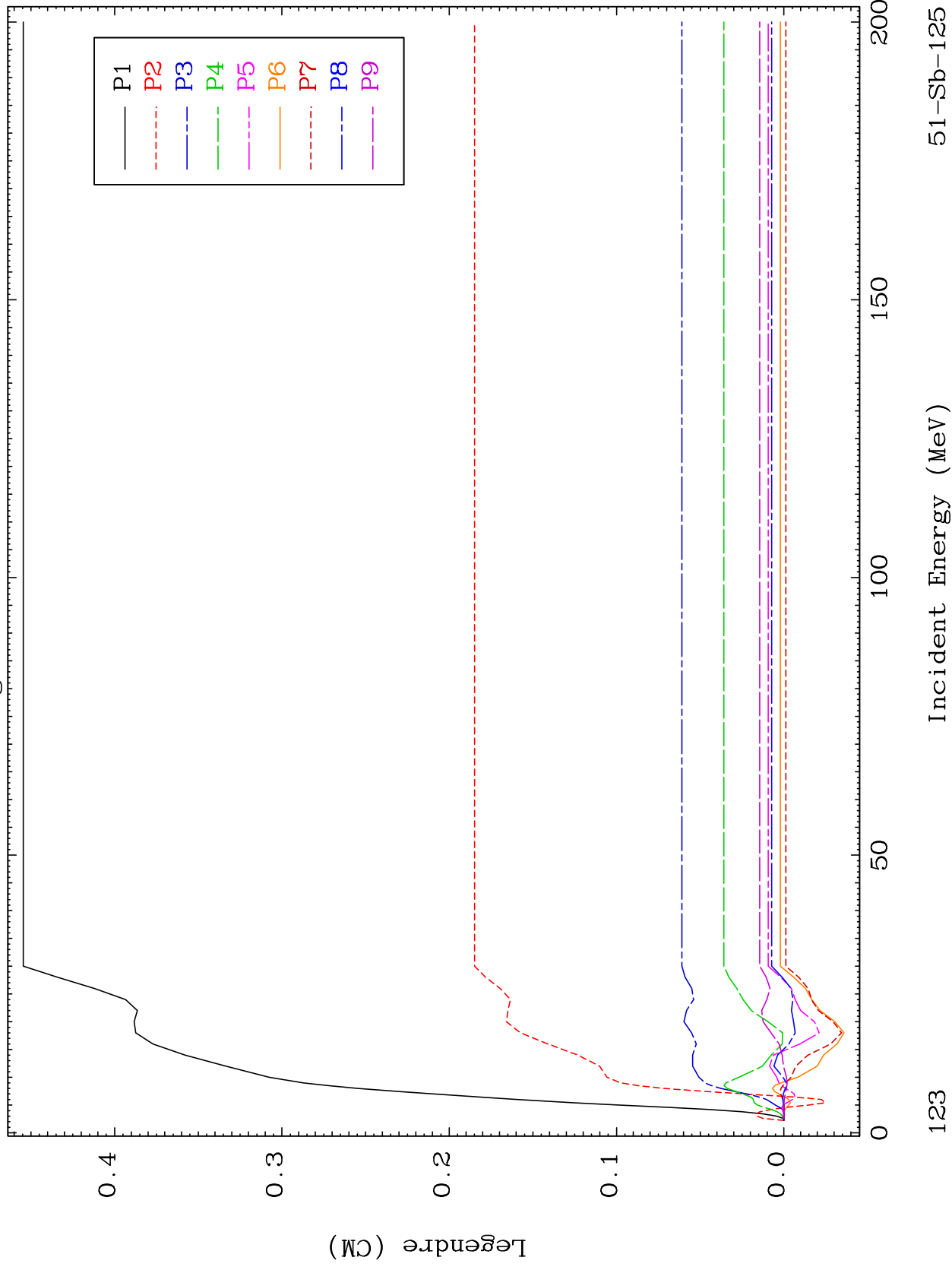
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

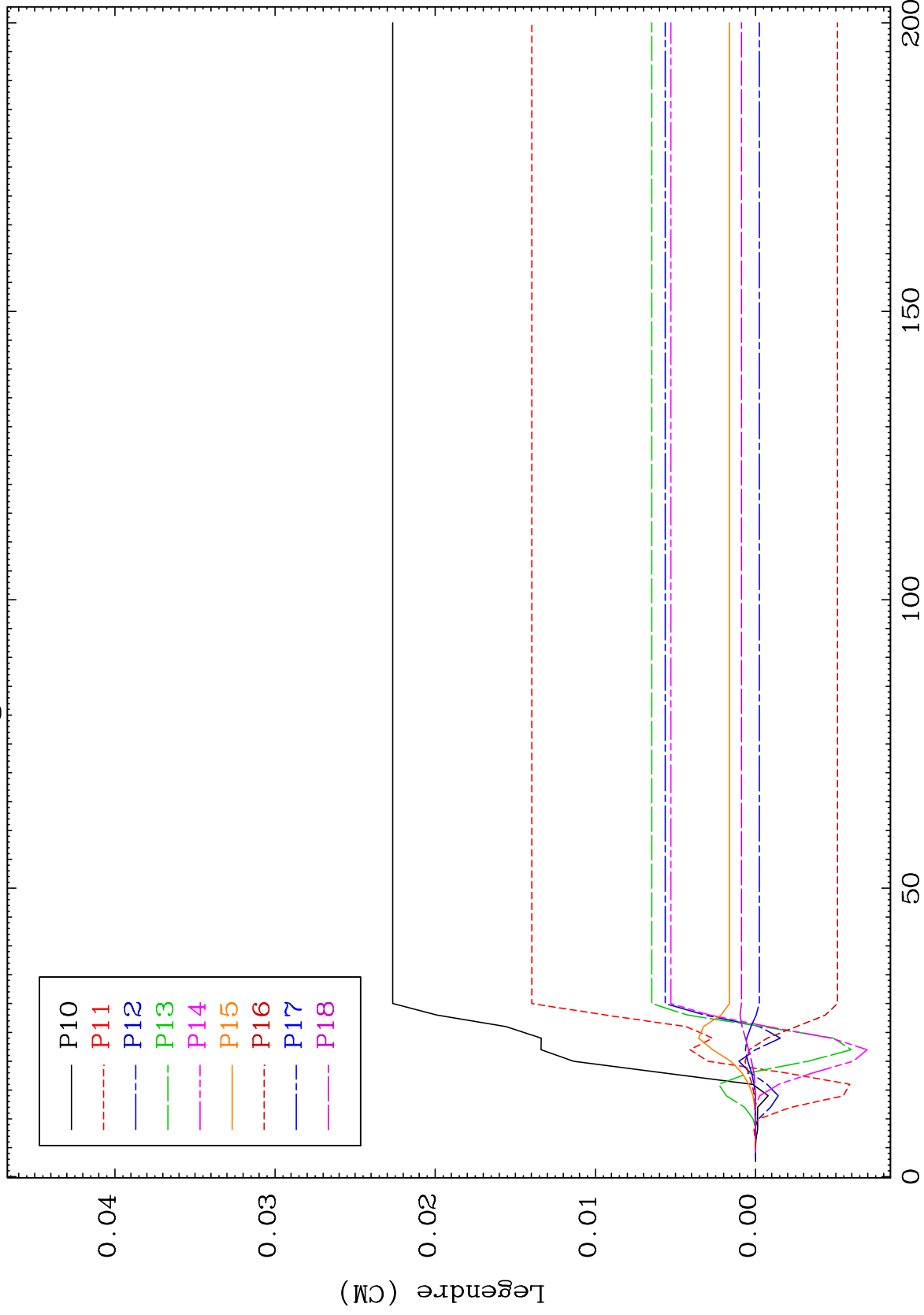
Incident Energy (MeV)

123

MAT 5137

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

51-Sb-125



124

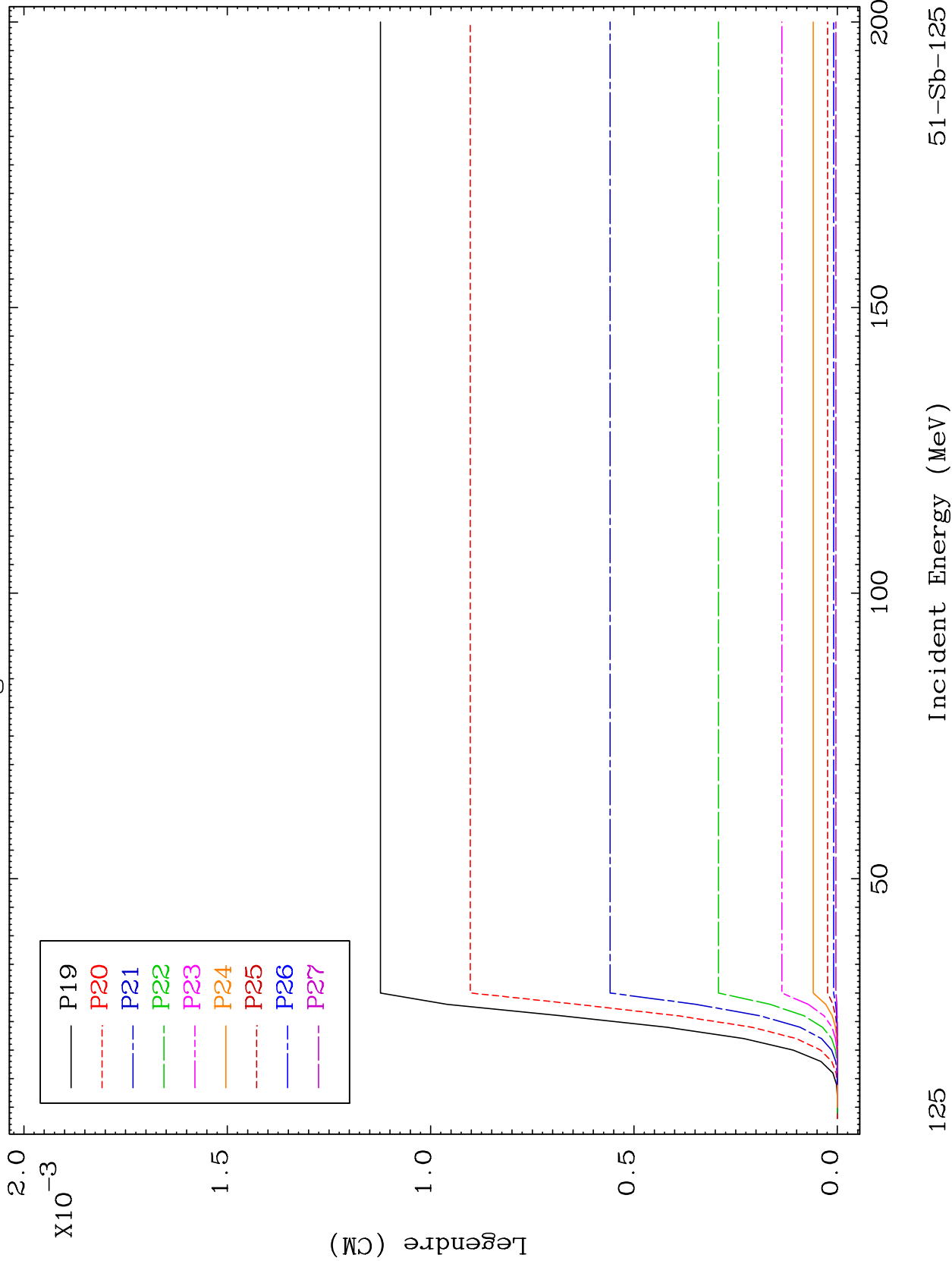
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



125

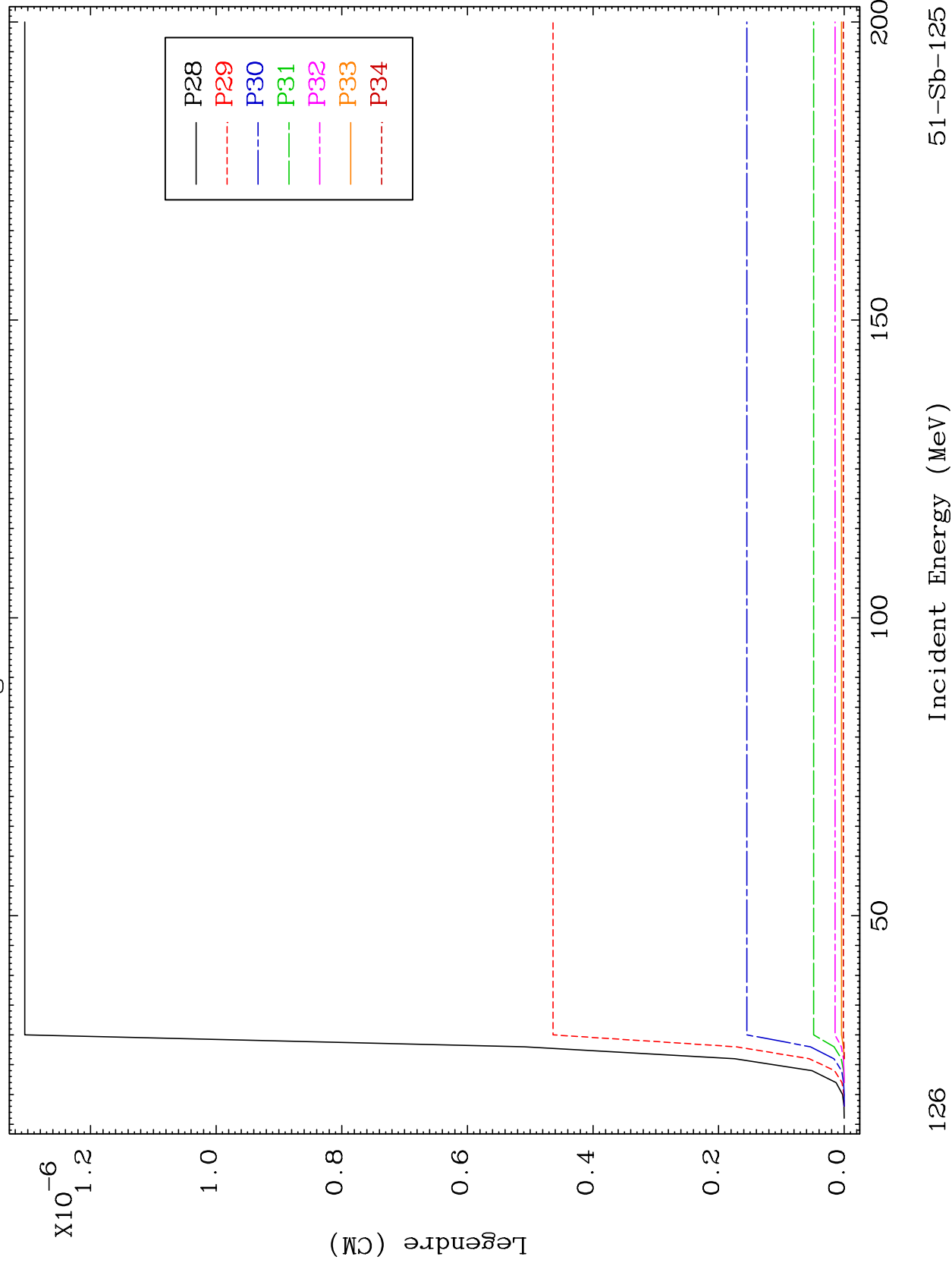
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



126

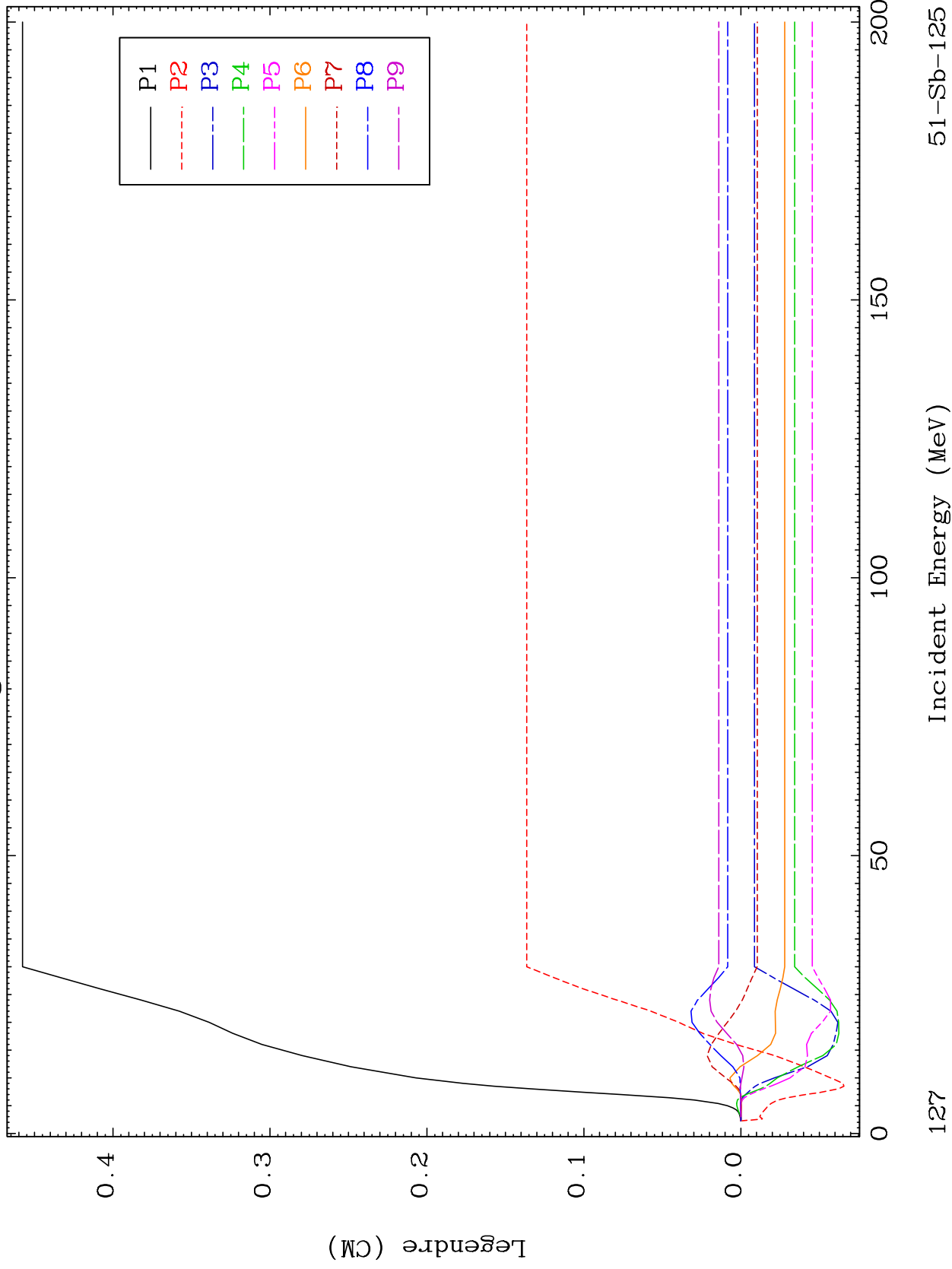
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

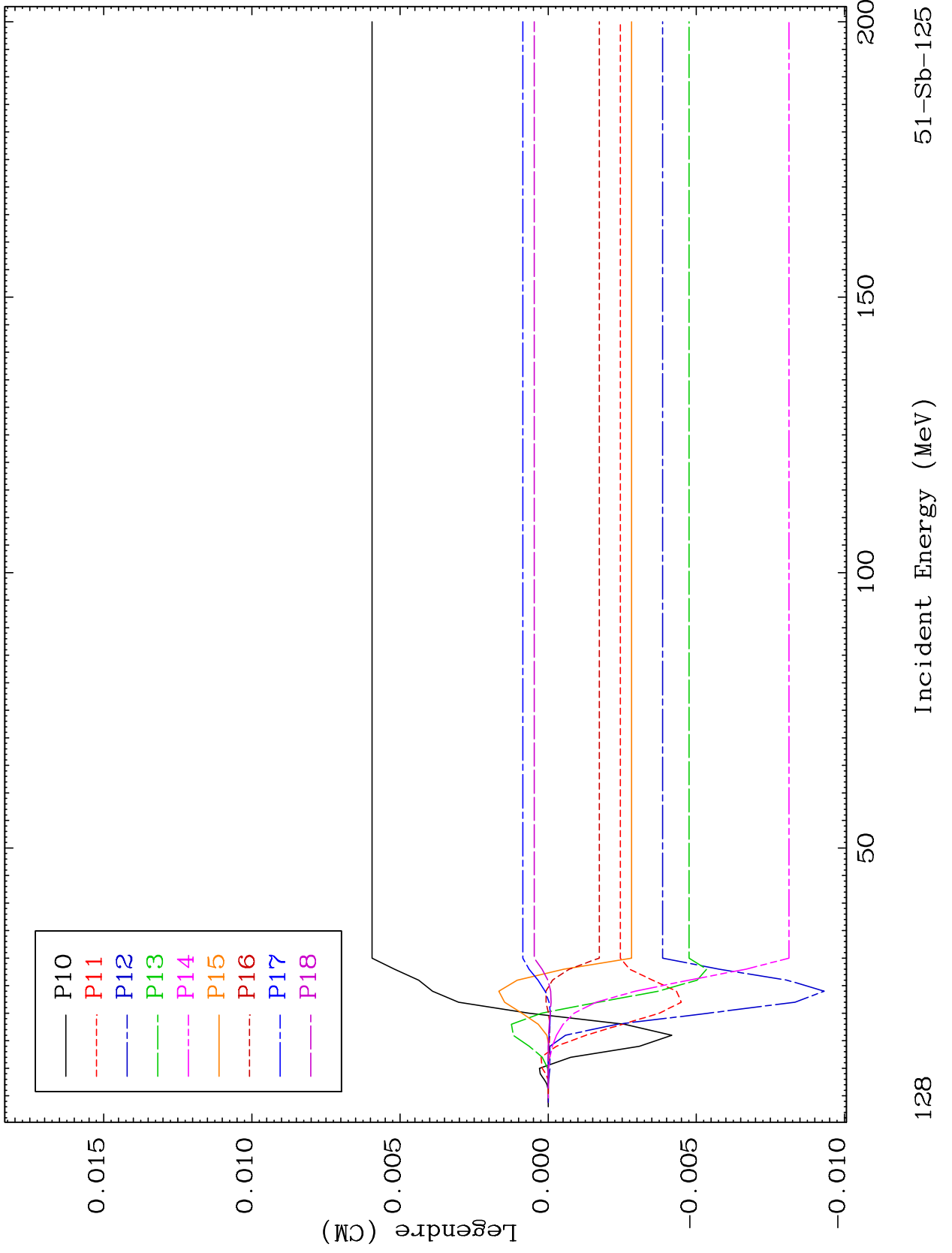
51-Sb-125



51-Sb-125

Incident Energy (MeV)

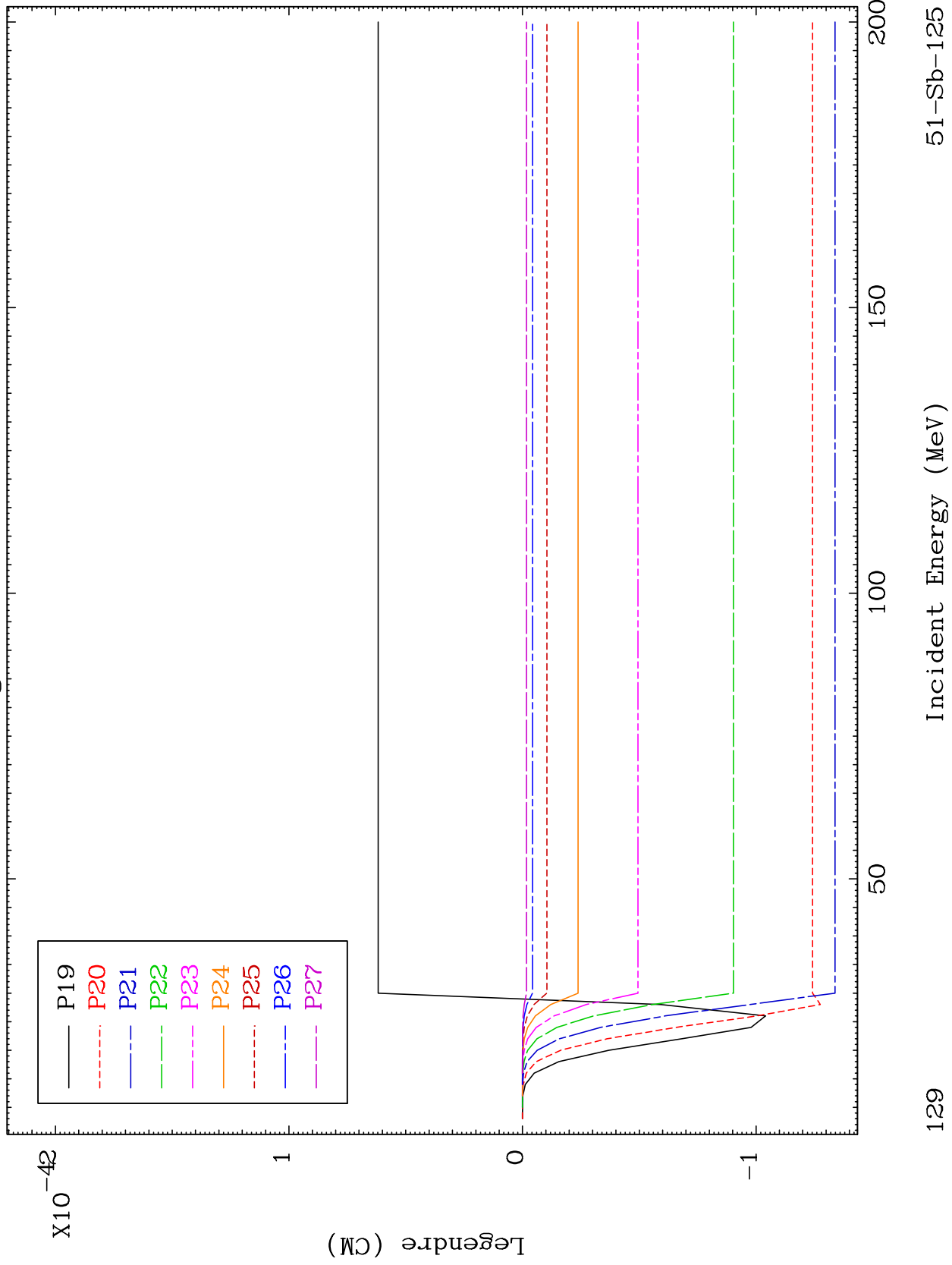
127



MAT 5137

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

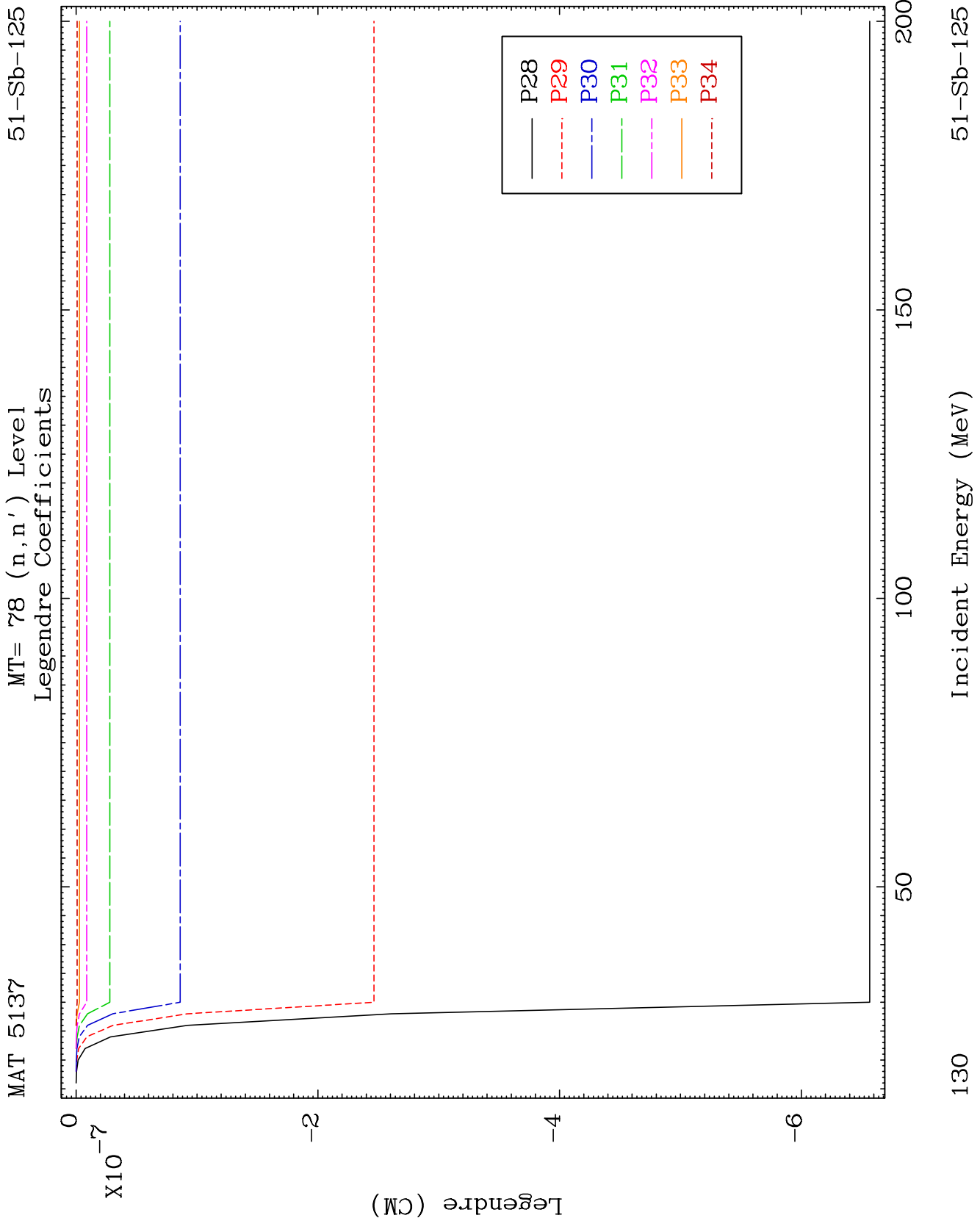
51-Sb-125



129

Incident Energy (MeV)

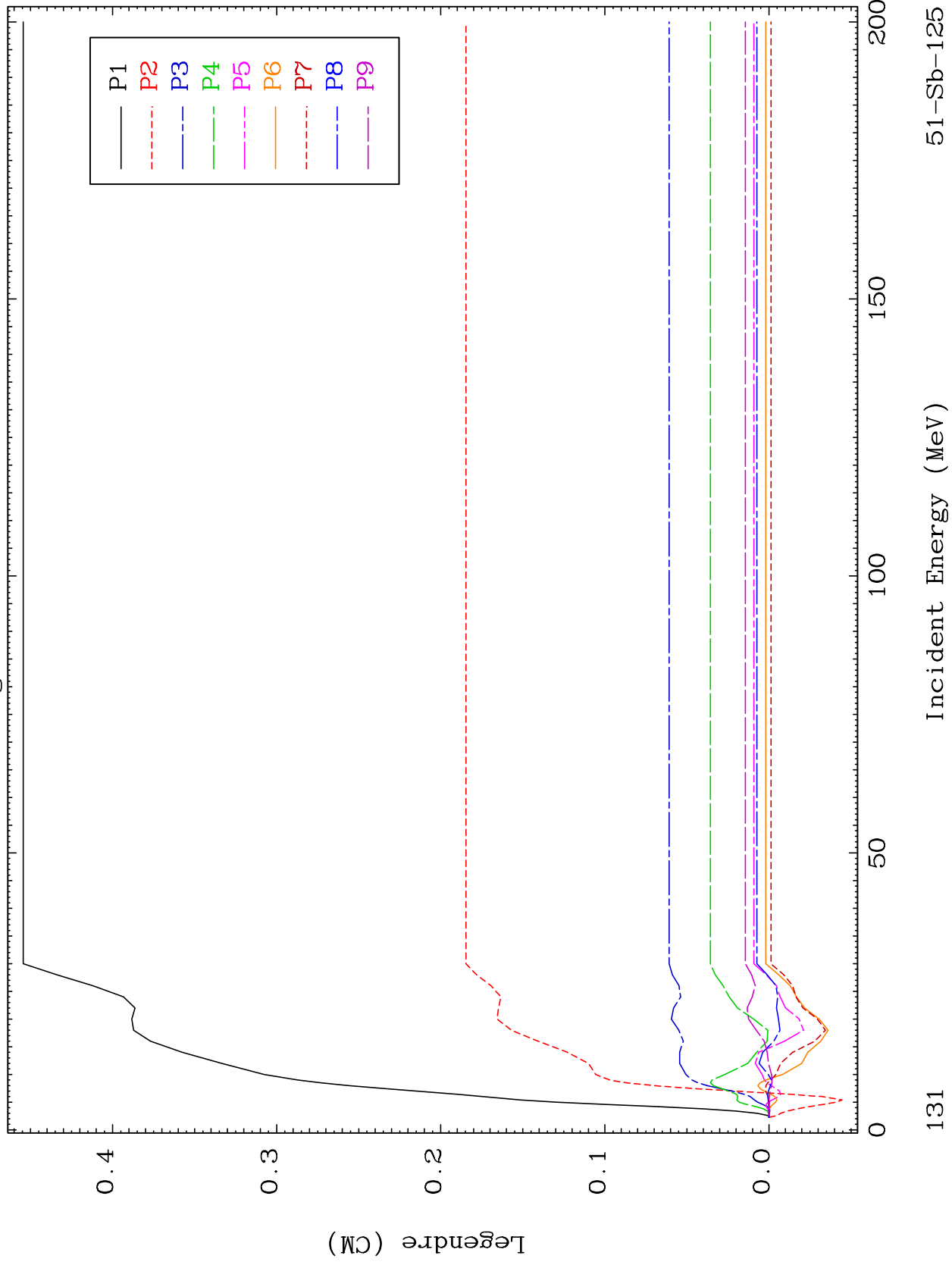
51-Sb-125



MAT 5137

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

51-Sb-125



51-Sb-125

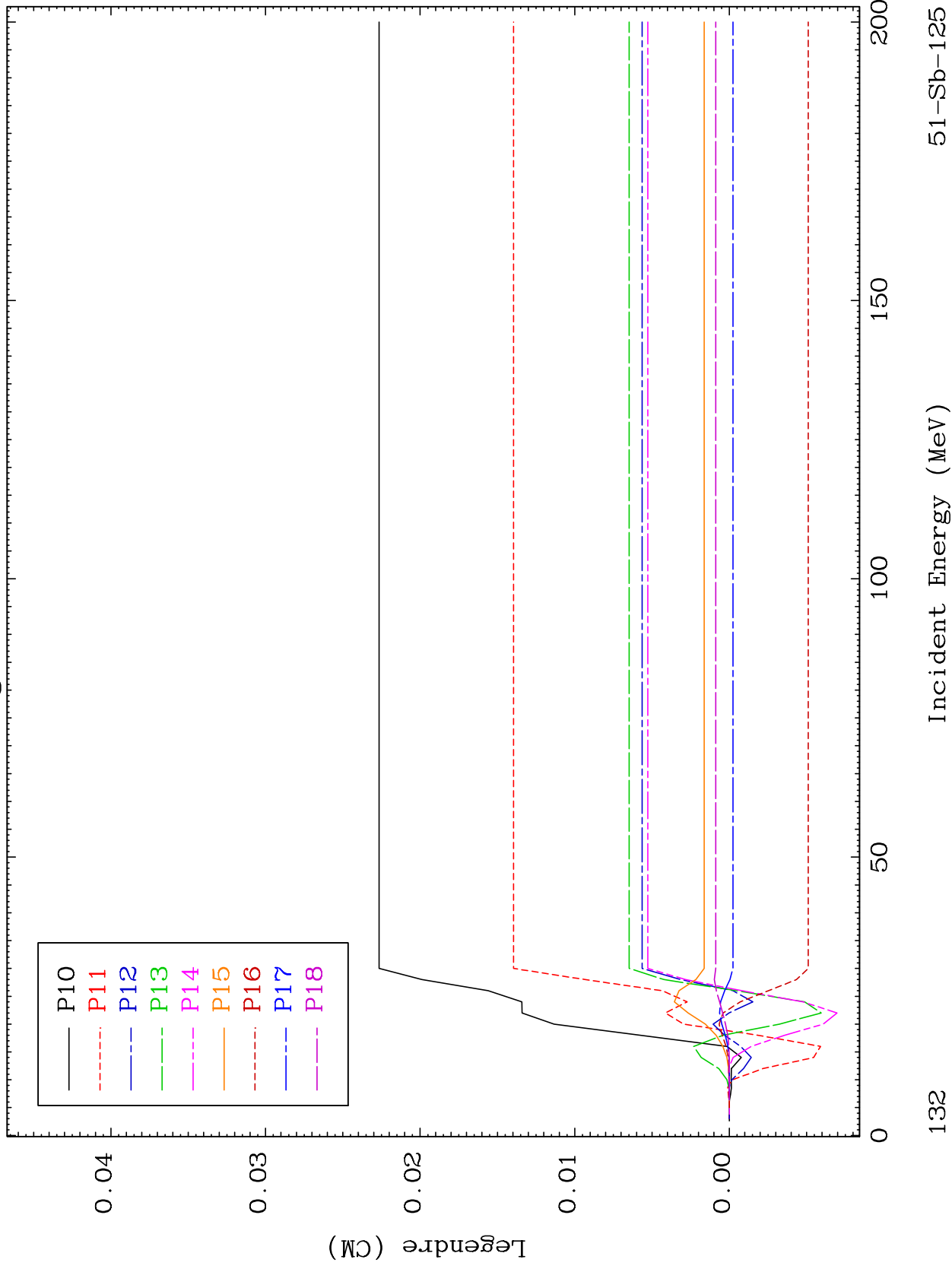
Incident Energy (MeV)

131

MAT 5137

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

51-Sb-125



132

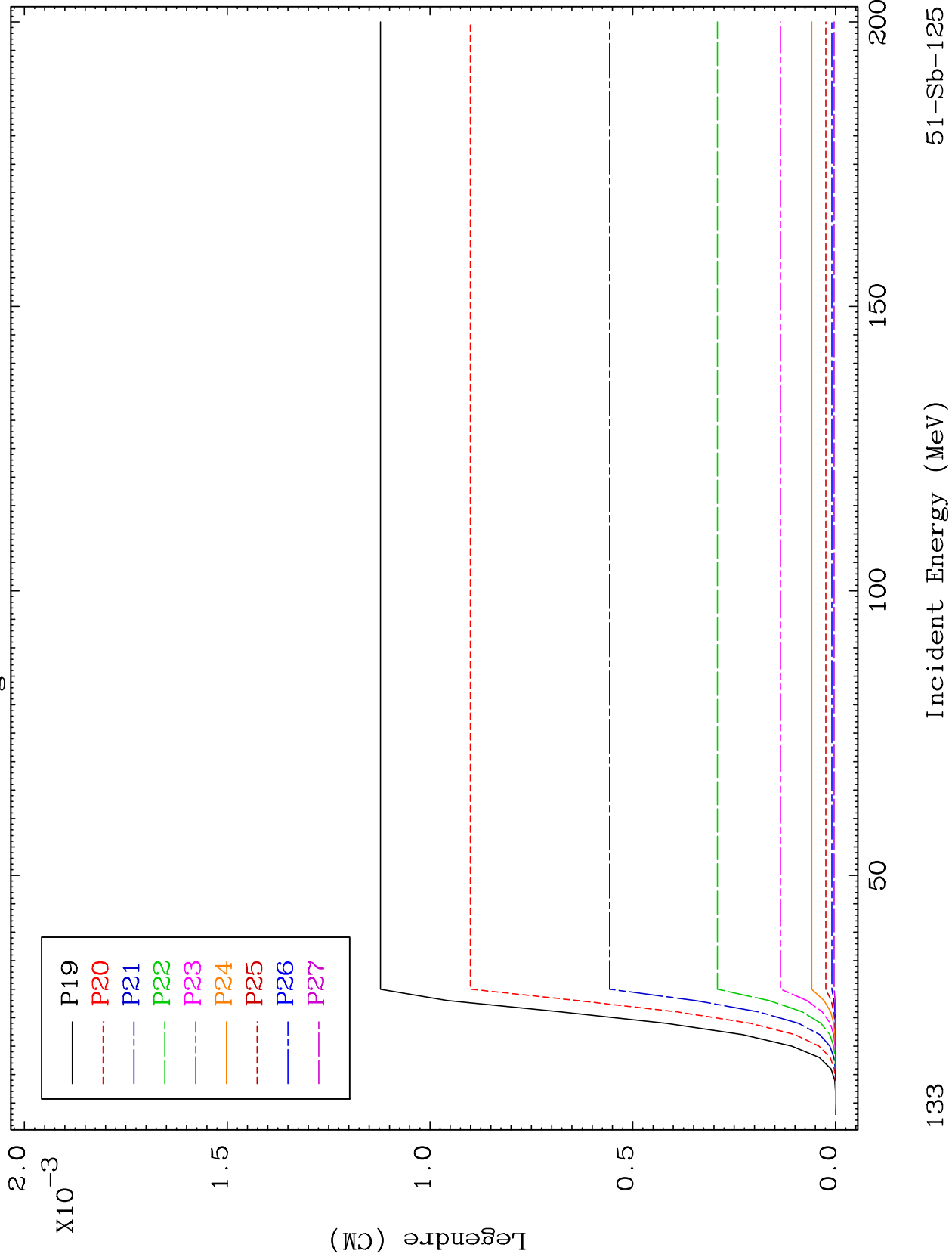
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



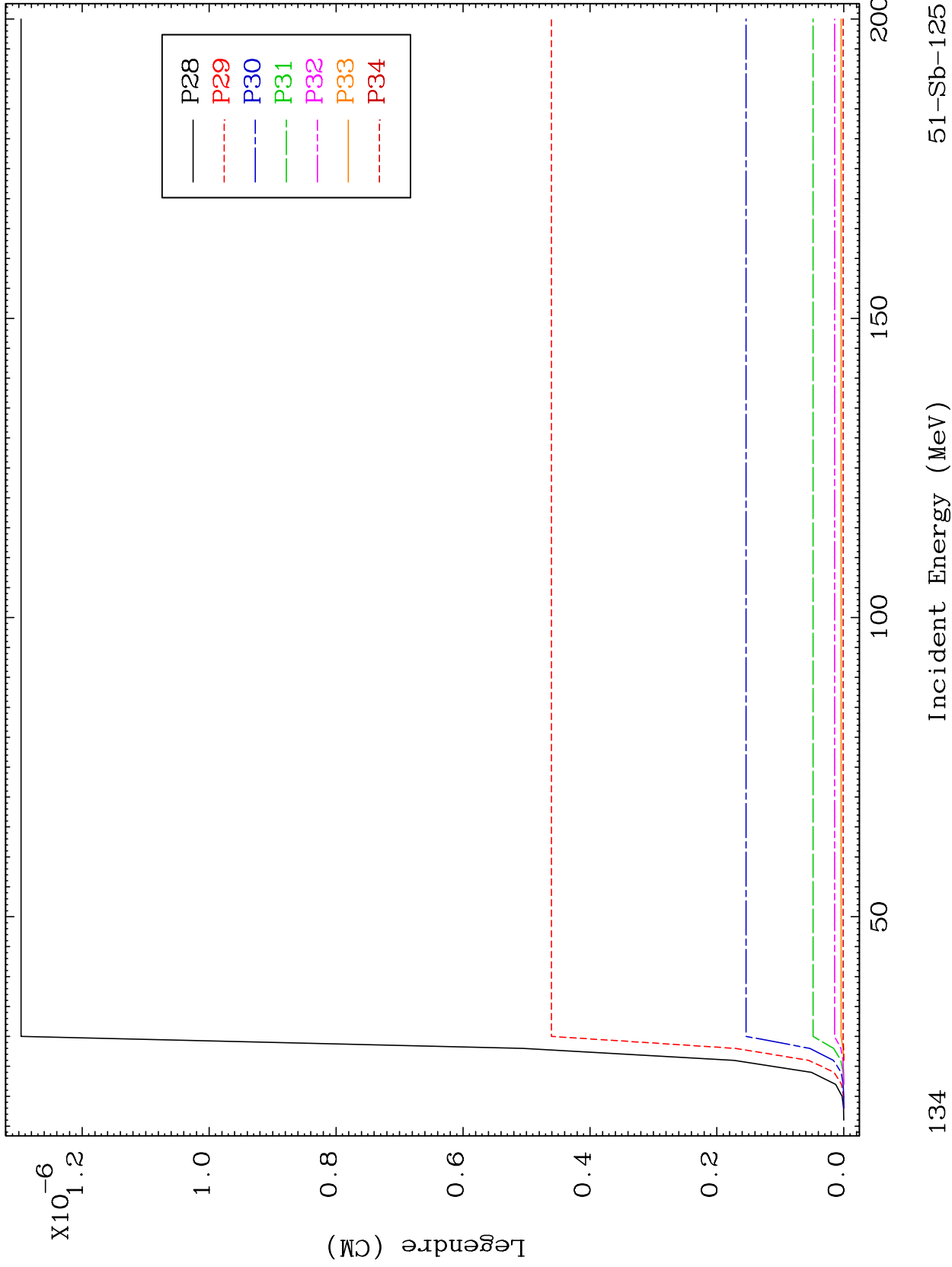
133

51-Sb-125

MAT 5137

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

51-Sb-125



134

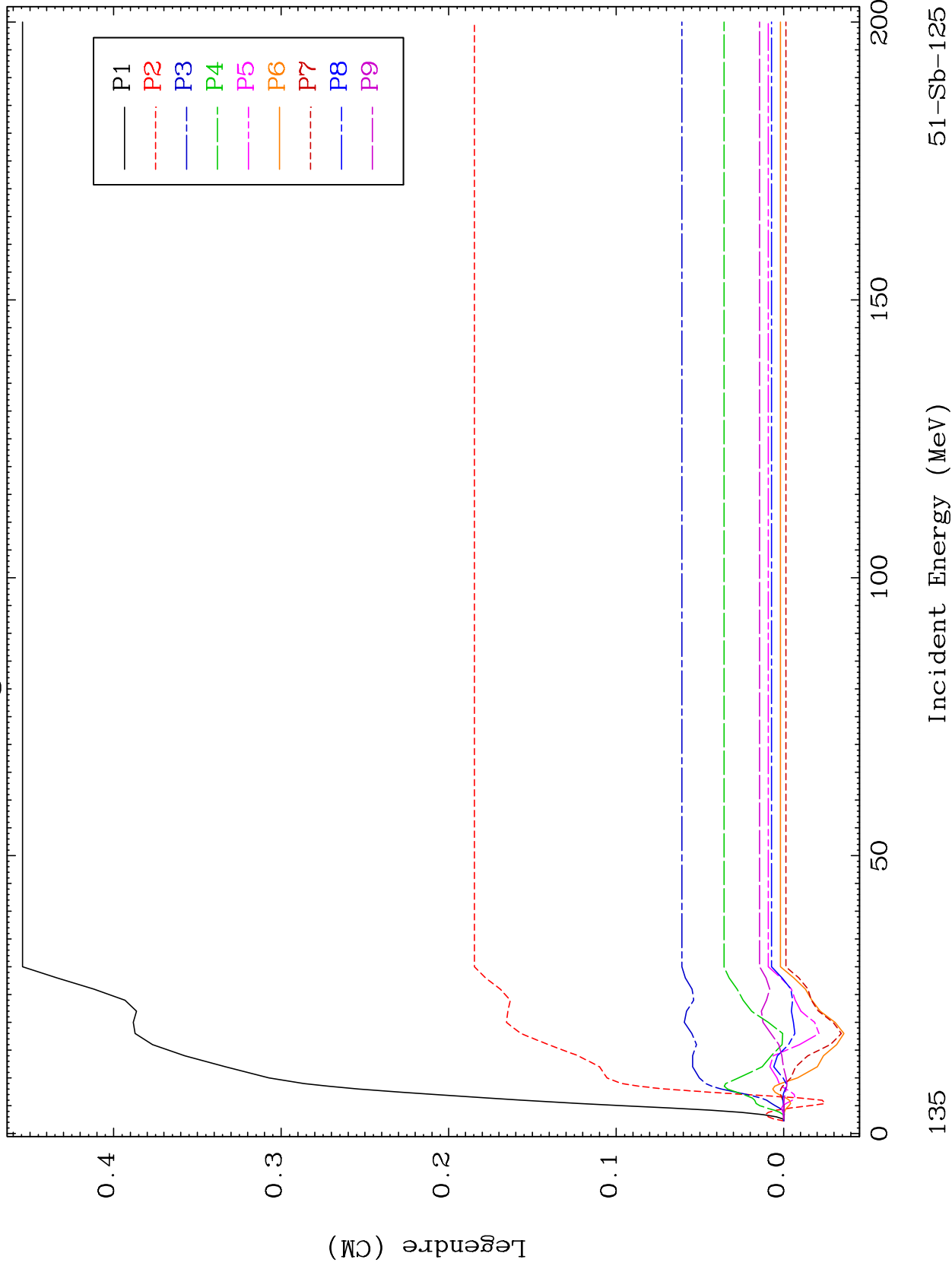
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

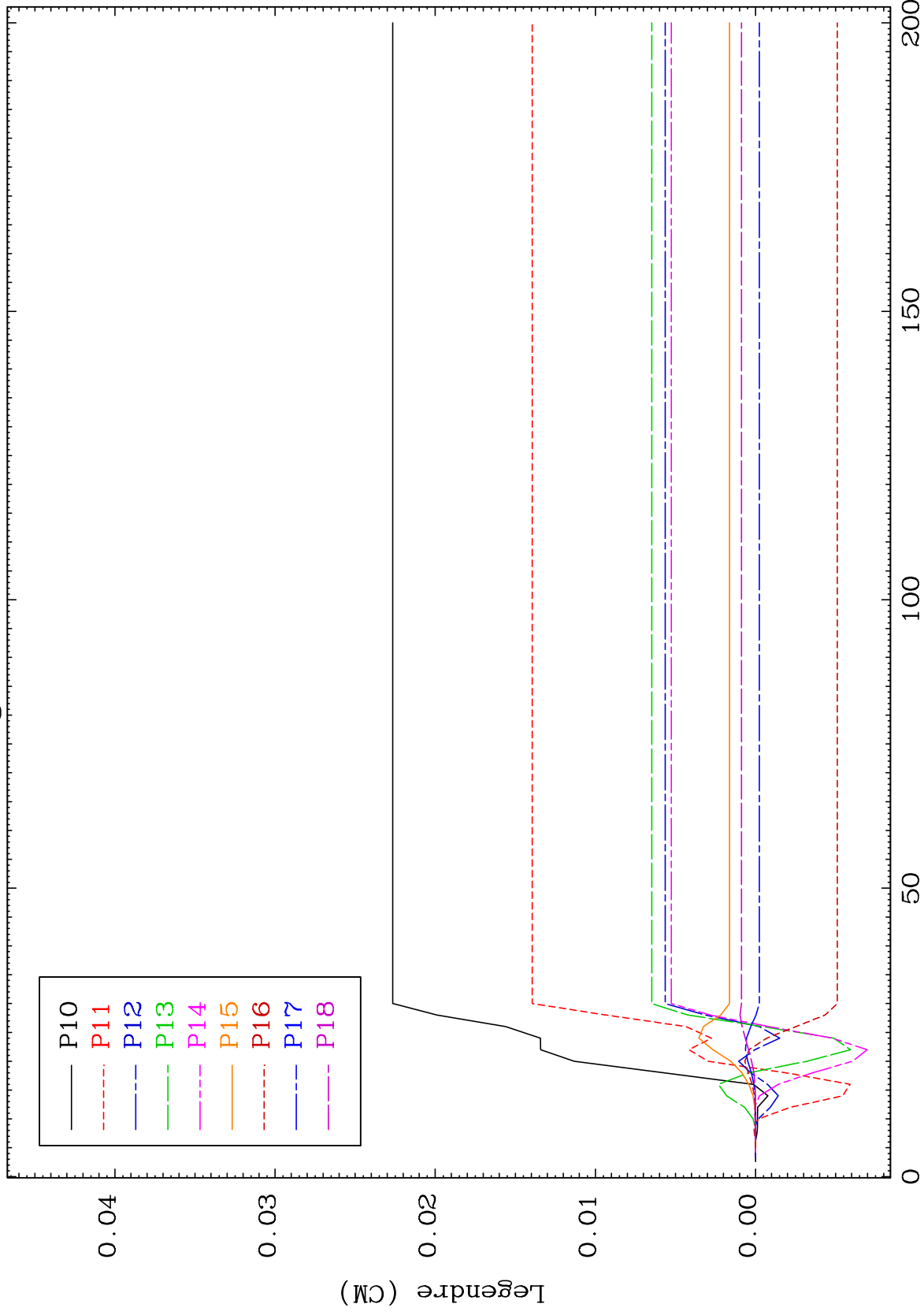
Incident Energy (MeV)

135

MAT 5137

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

51-Sb-125



136

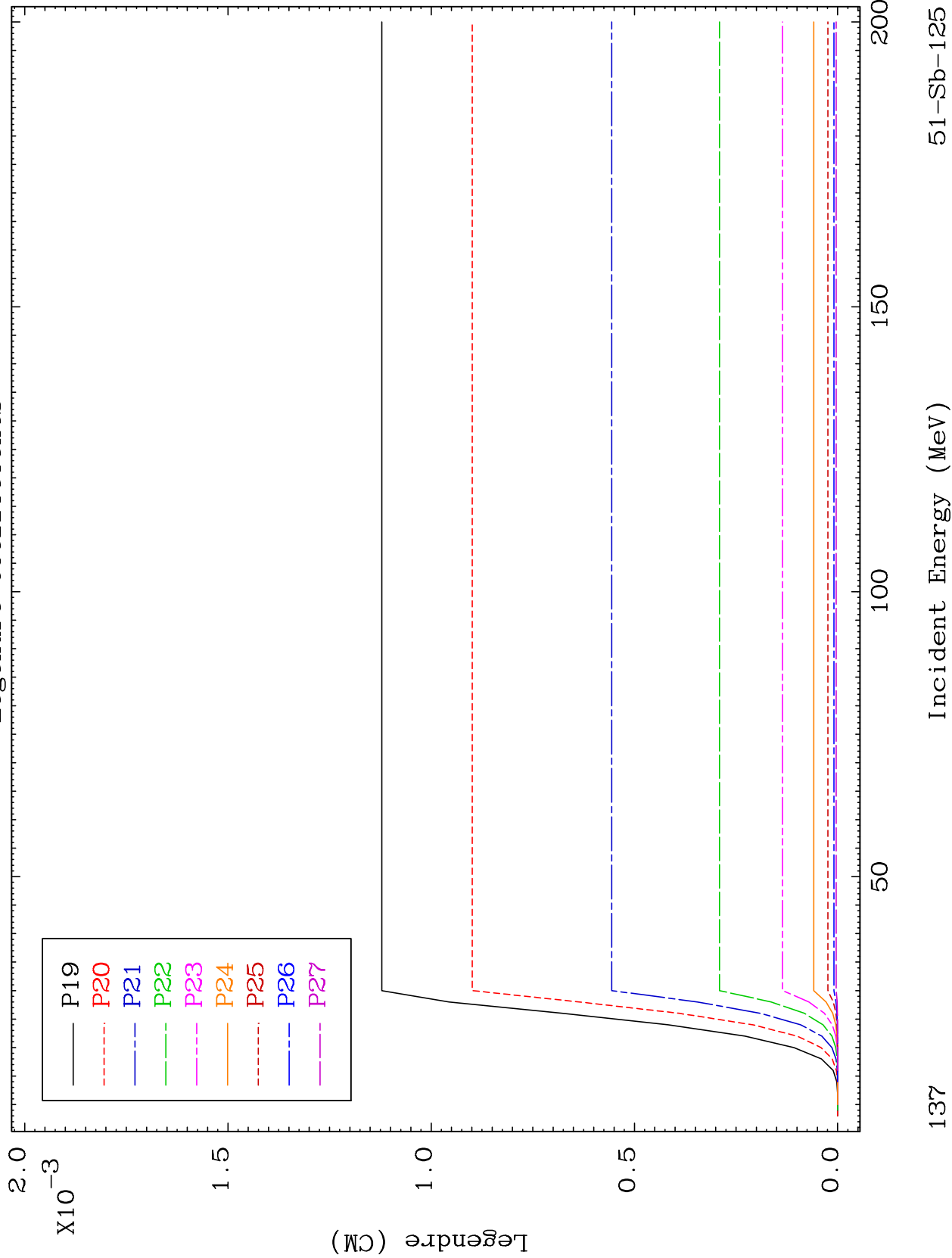
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



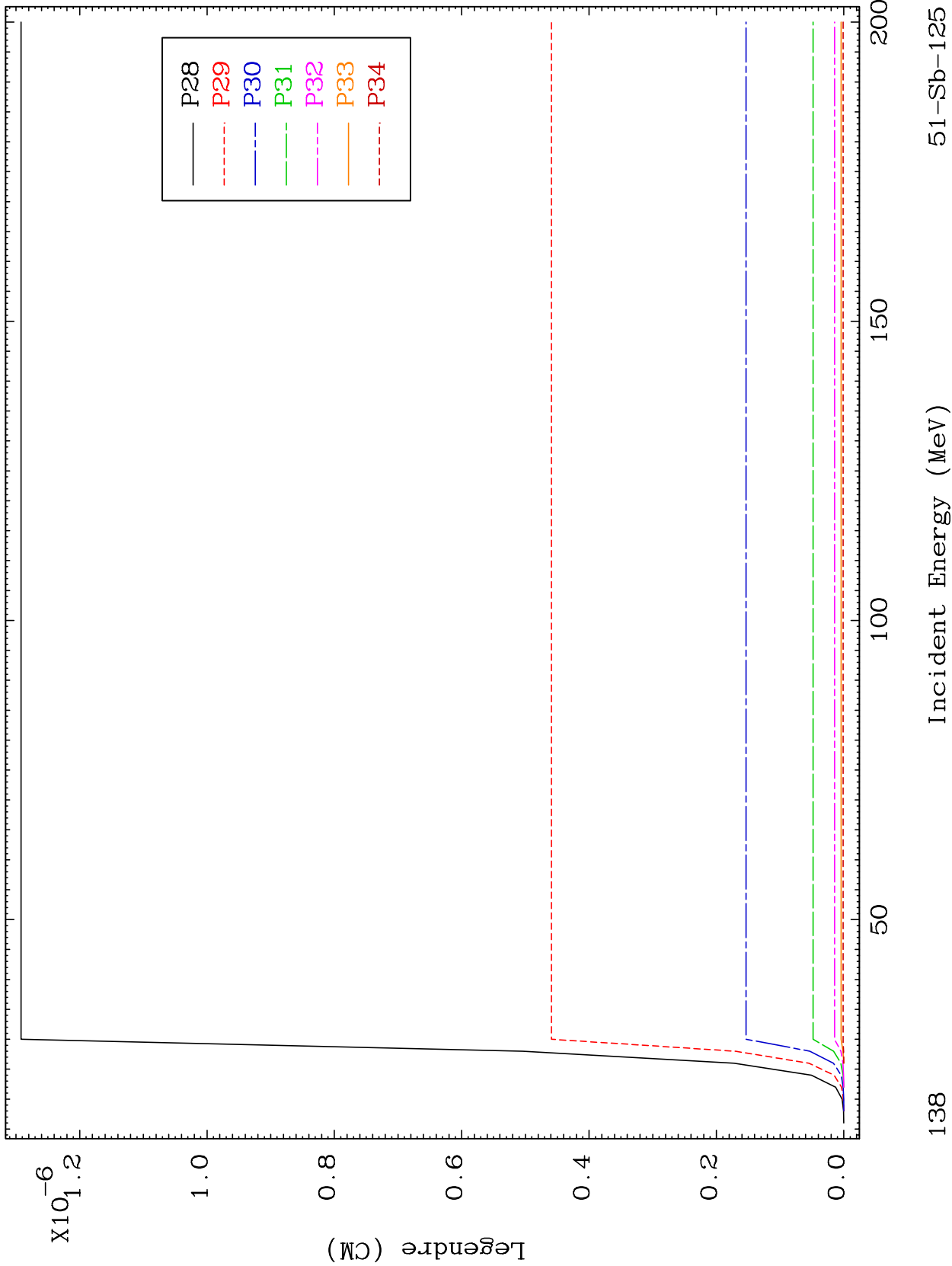
137

51-Sb-125

MAT 5137

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

51-Sb-125



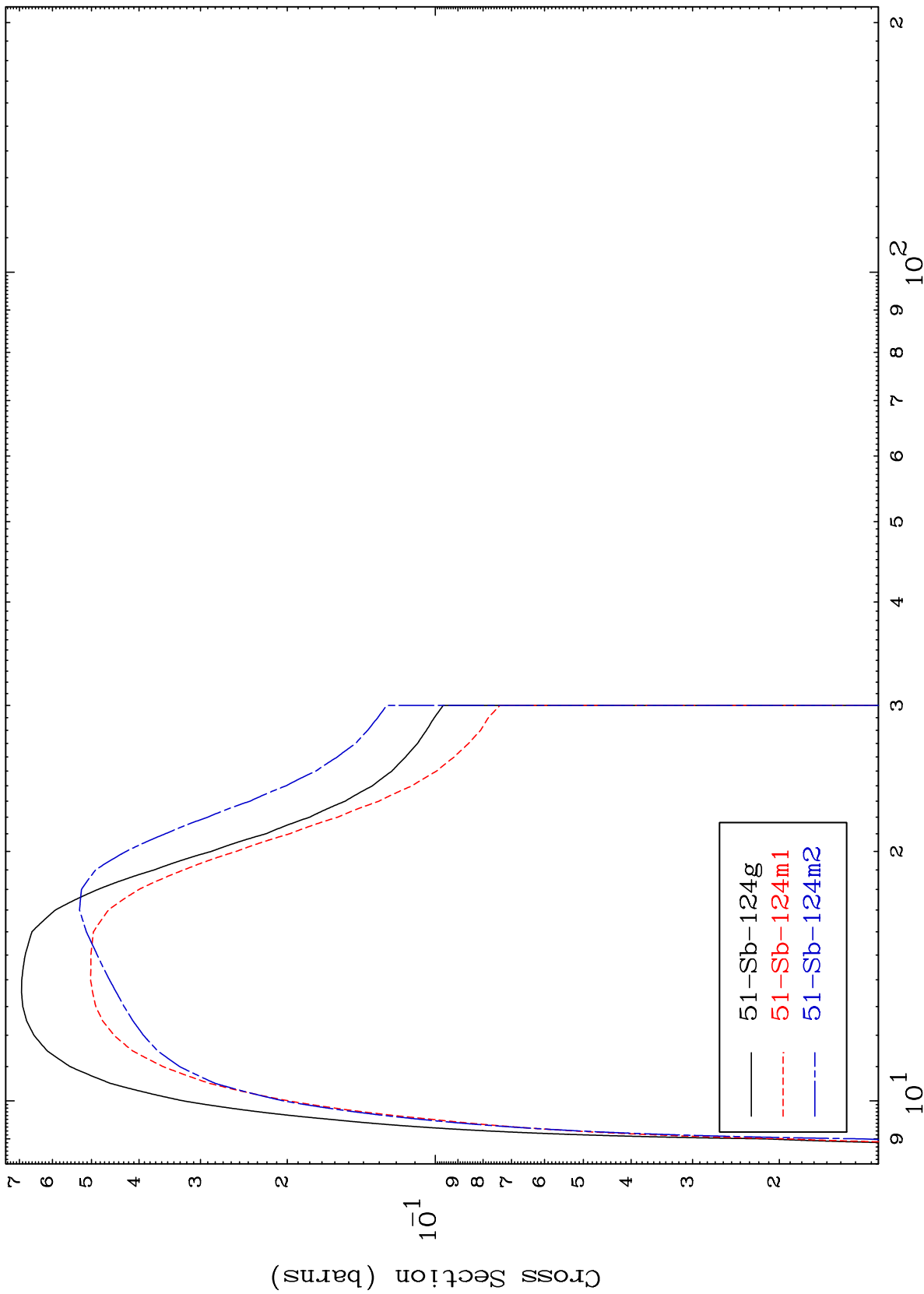
138

51-Sb-125

MAT 5137

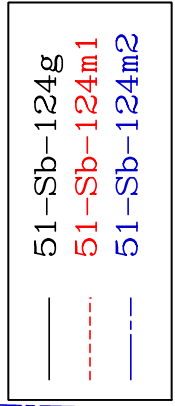
51-Sb-125

(n,2n)  
Radionuclide Production Cross Section



51-Sb-125

Incident Energy (MeV)

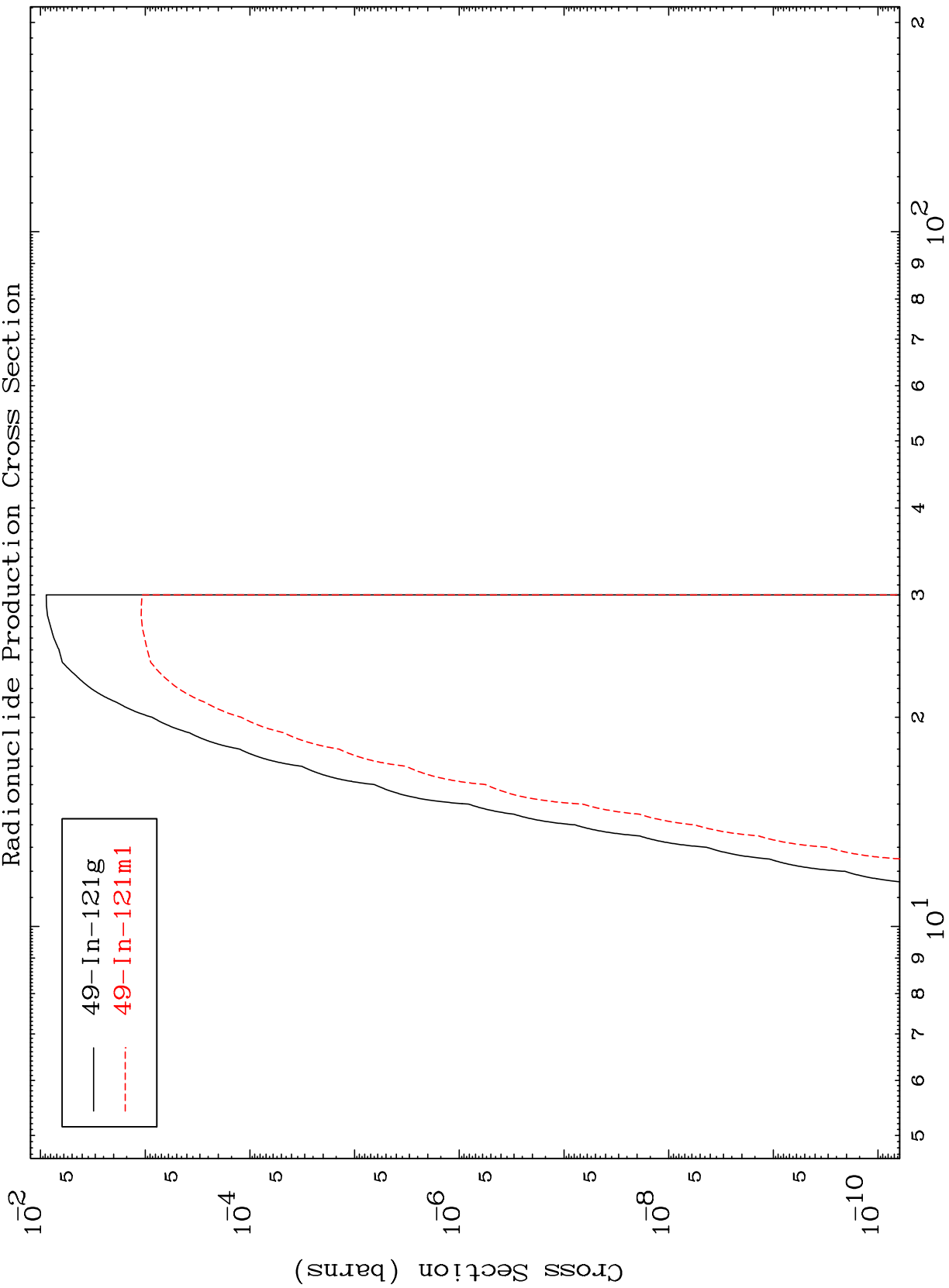


MAT 5137

(n,n')  $\alpha$

51-Sb-125

Radionuclide Production Cross Section

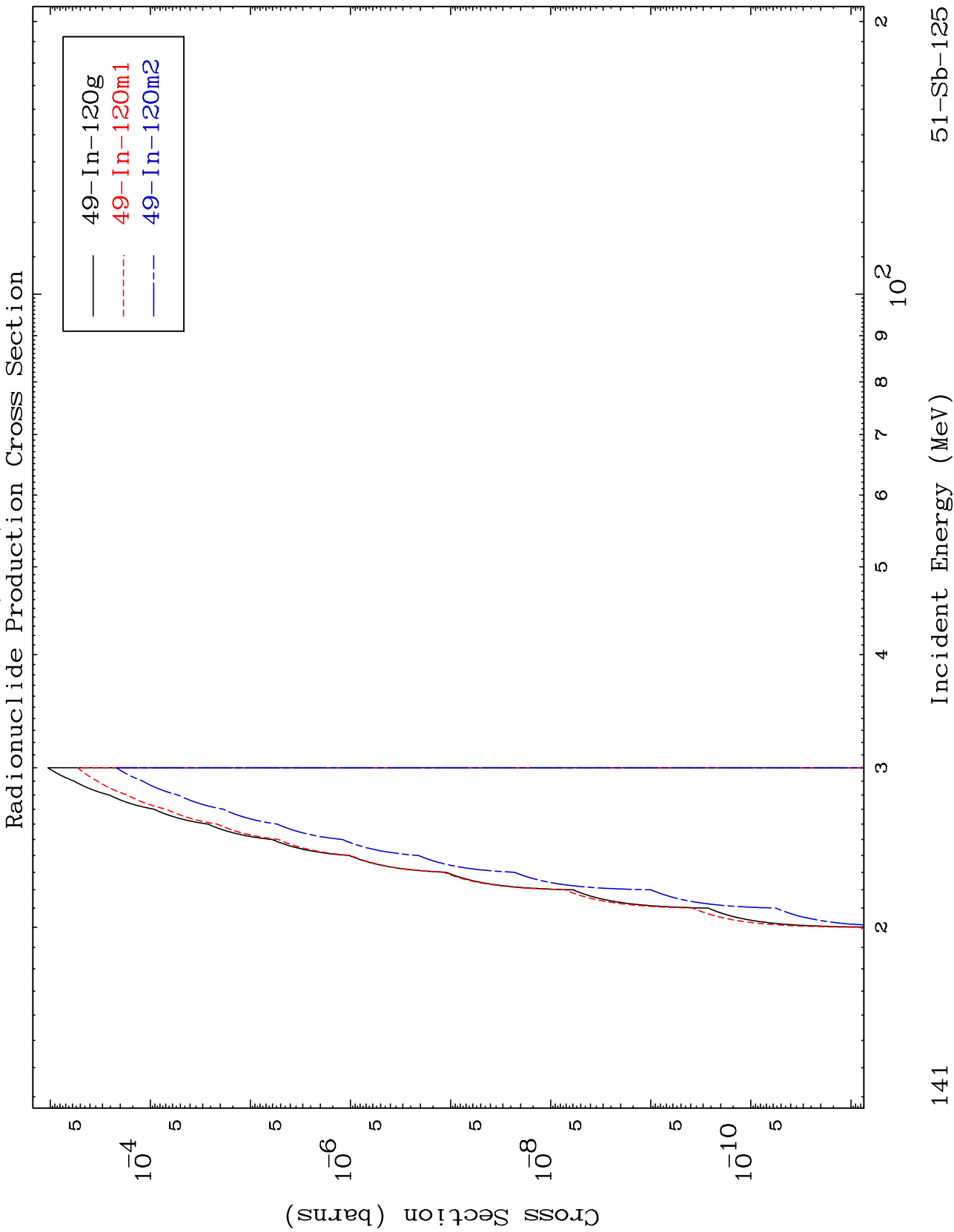


— 49-In-121g  
- - - 49-In-121m1

140

Incident Energy (MeV)

51-Sb-125

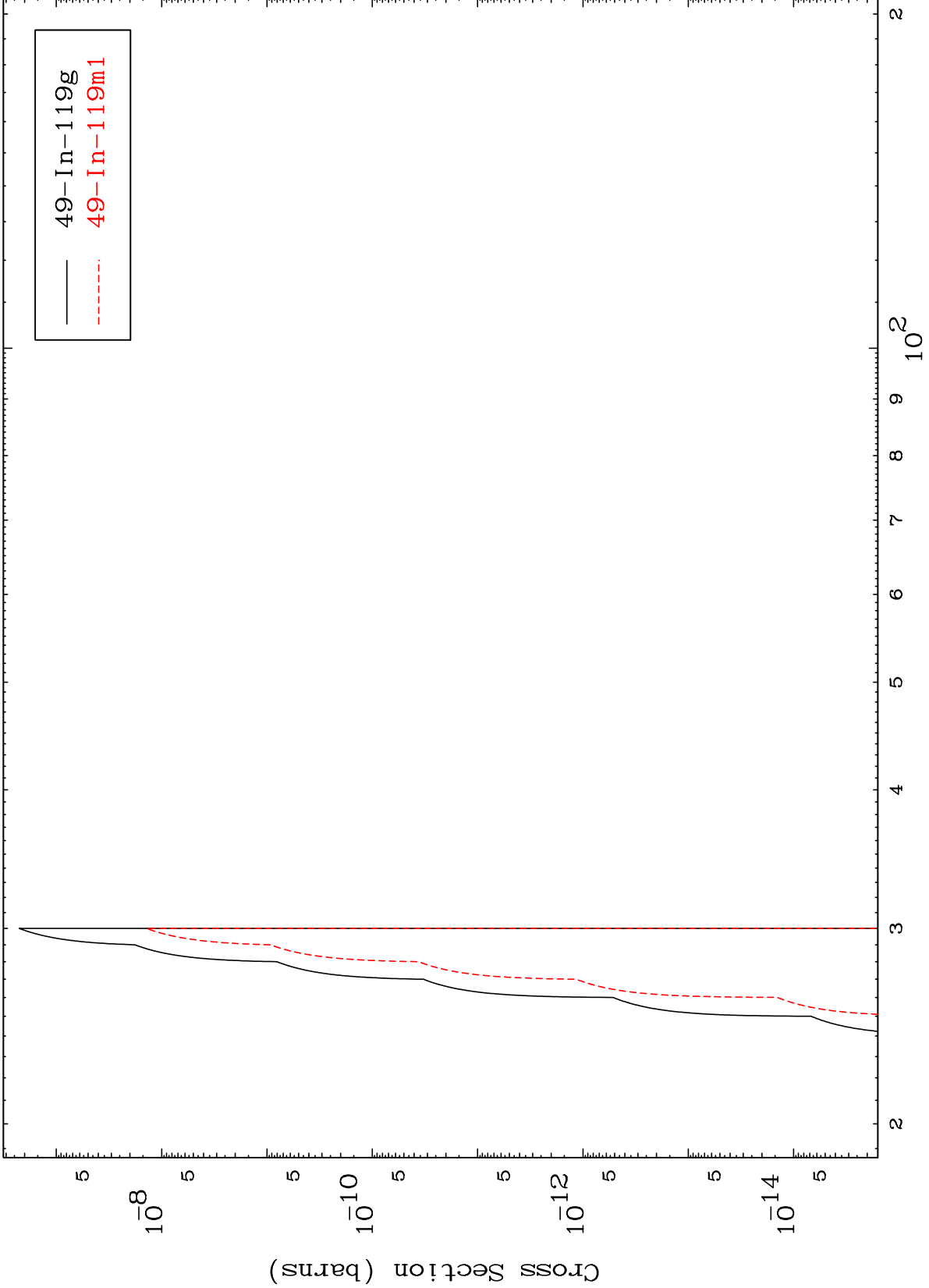


MAT 5137

(n,3n)  $\alpha$

51-Sb-125

Radionuclide Production Cross Section



49-In-119g  
49-In-119m1

142

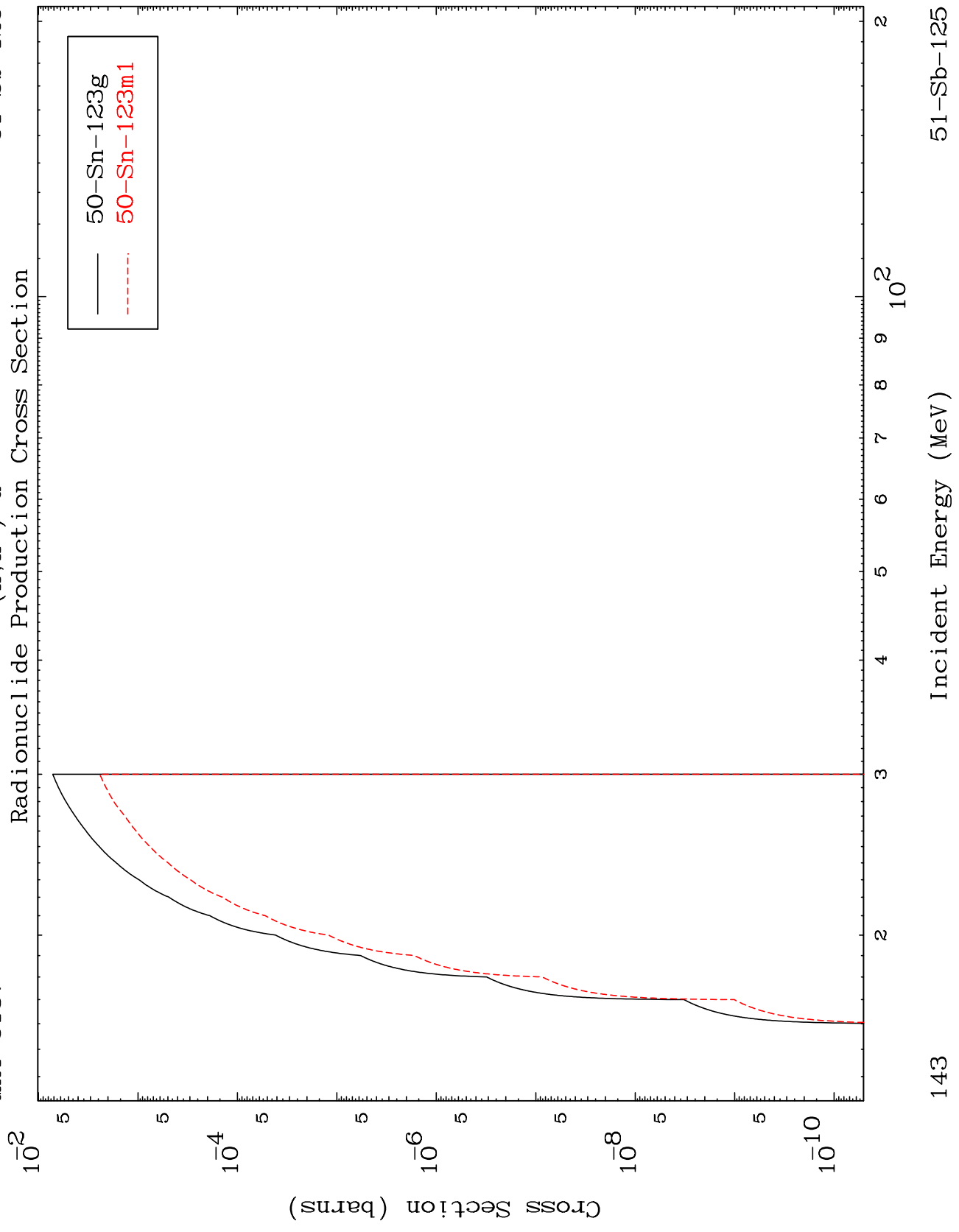
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n,n') d

51-Sb-125



143

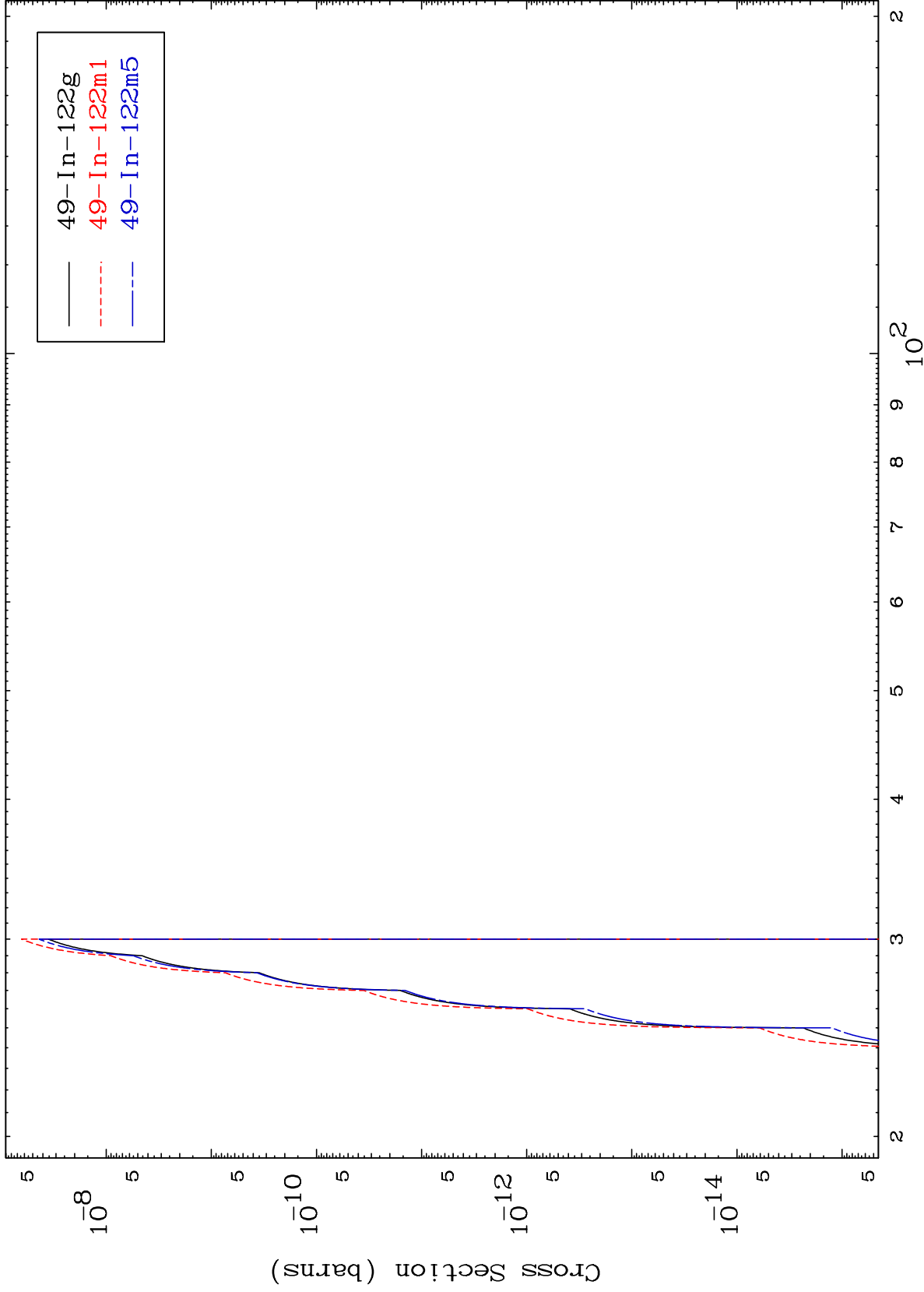
51-Sb-125

MAT 5137

(n,n') He-3

51-Sb-125

Radionuclide Production Cross Section



144

Incident Energy (MeV)

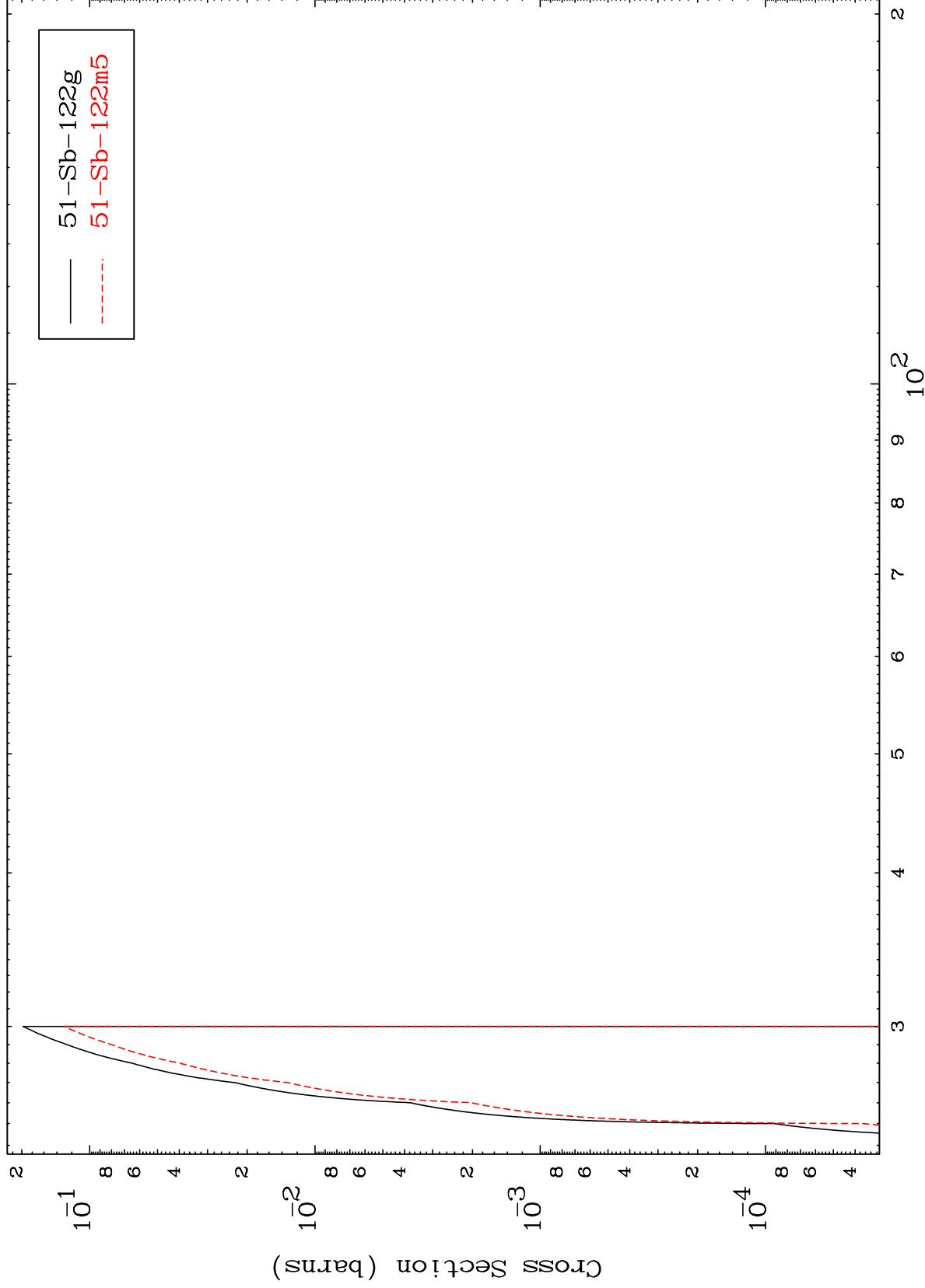
51-Sb-125

MAT 5137

(n,4n)

51-Sb-125

Radionuclide Production Cross Section

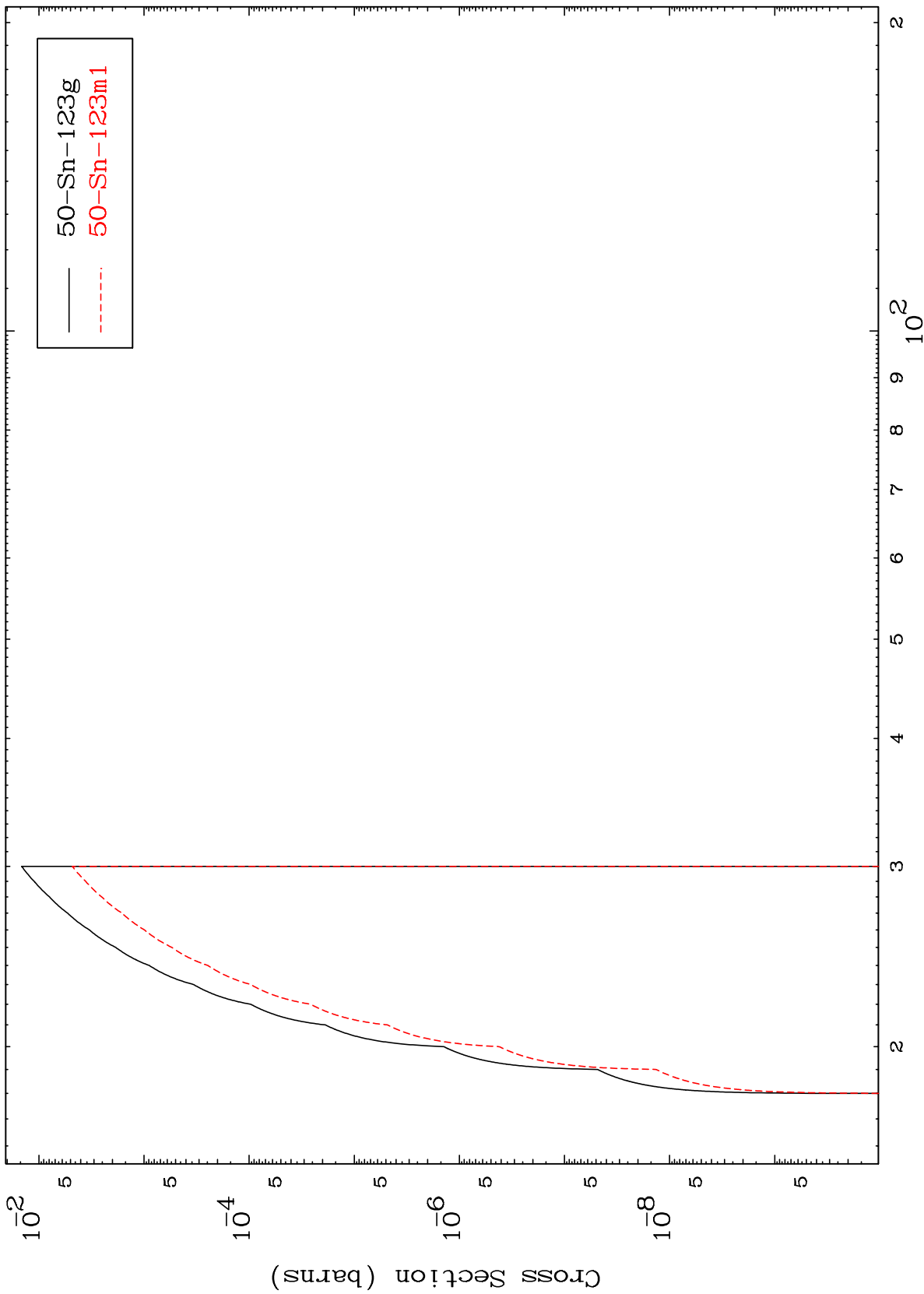


145

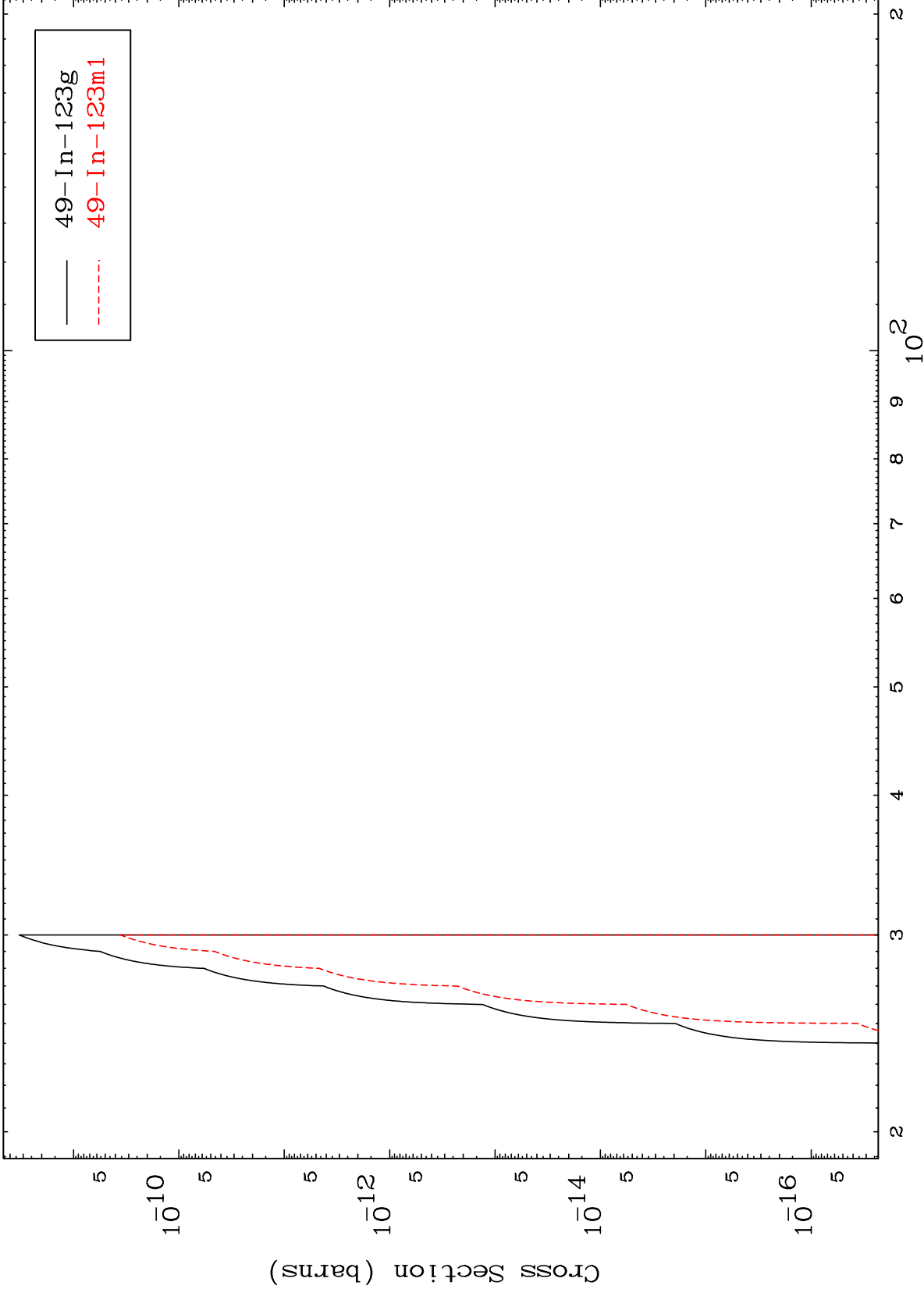
Incident Energy (MeV)

51-Sb-125

Radionuclide Production Cross Section



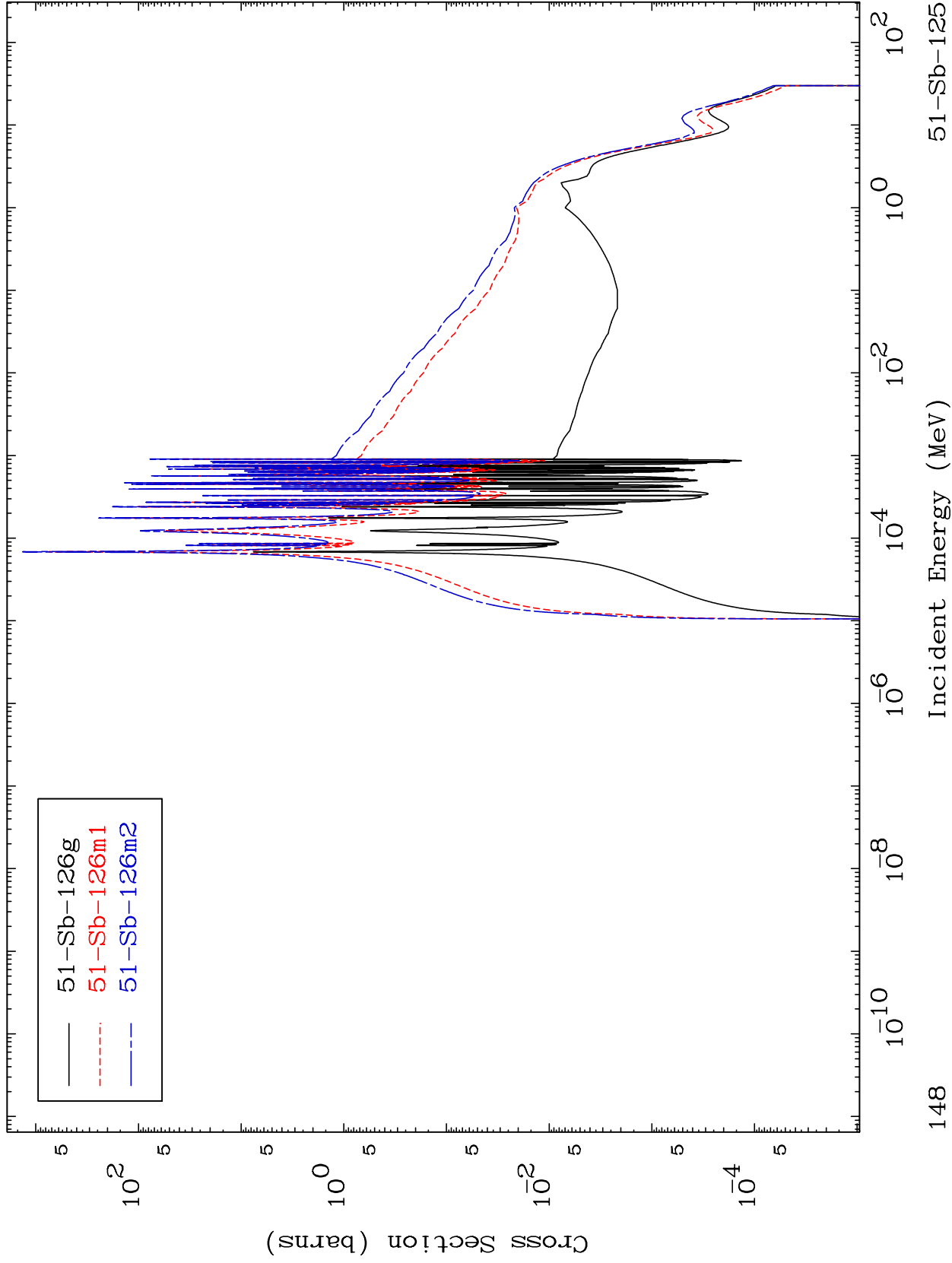
Radionuclide Production Cross Section



MAT 5137

51-Sb-125

(n,γ)  
Radionuclide Production Cross Section

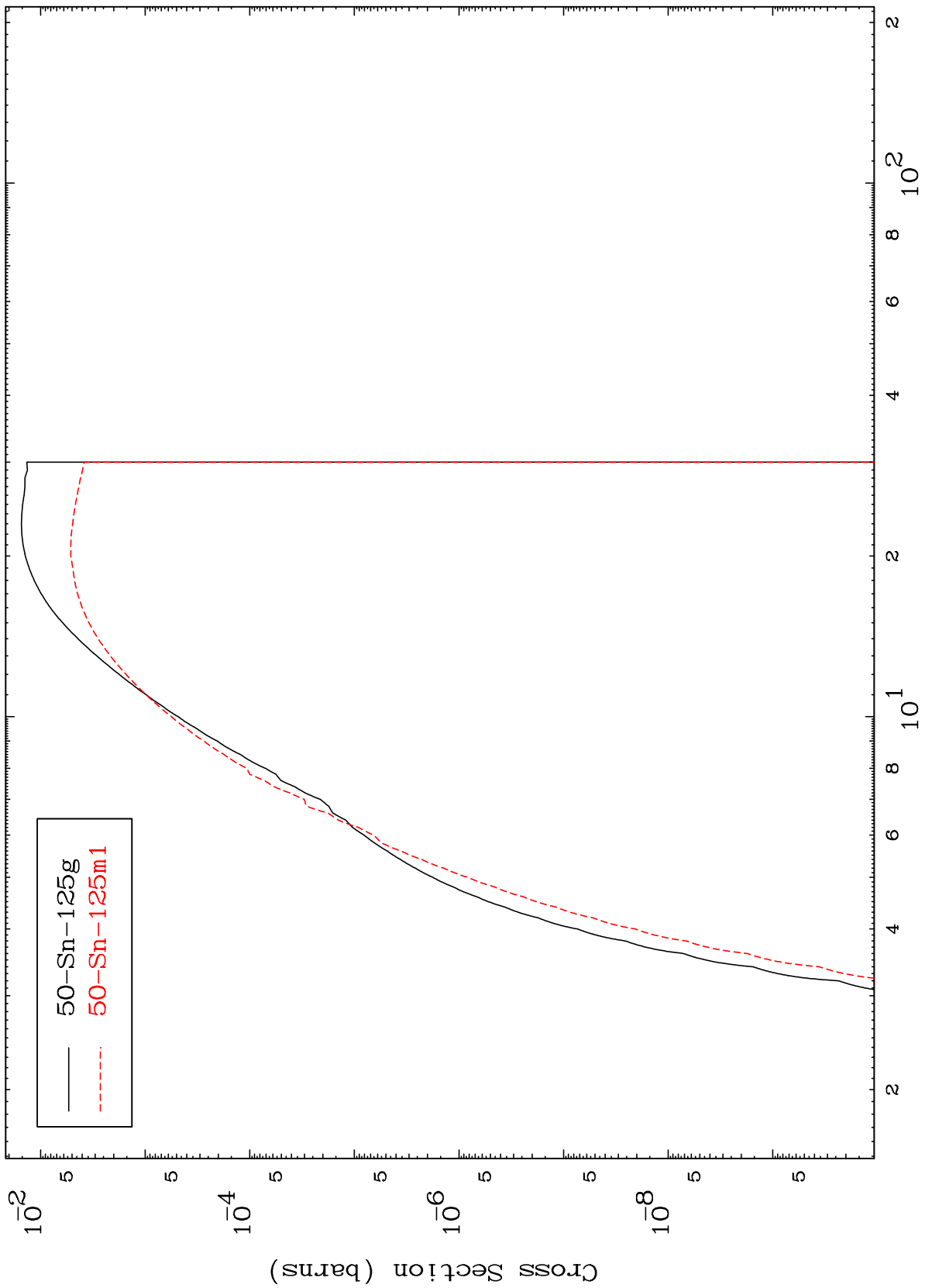


148

MAT 5137

51-Sb-125

(n,p)  
Radionuclide Production Cross Section



149

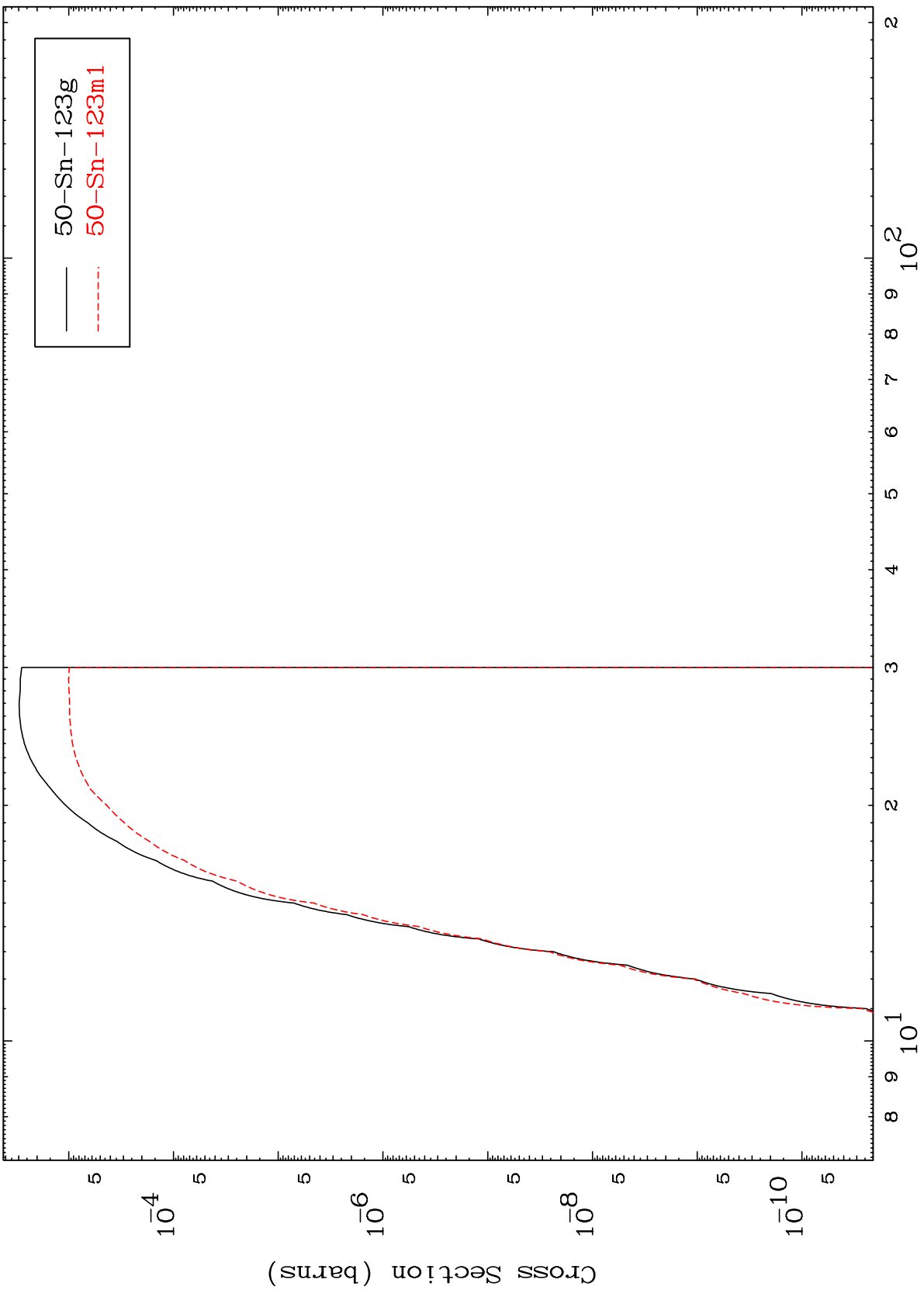
Incident Energy (MeV)

51-Sb-125

MAT 5137

51-Sb-125

(n, t)  
Radionuclide Production Cross Section



50-Sn-123g  
50-Sn-123m1

150

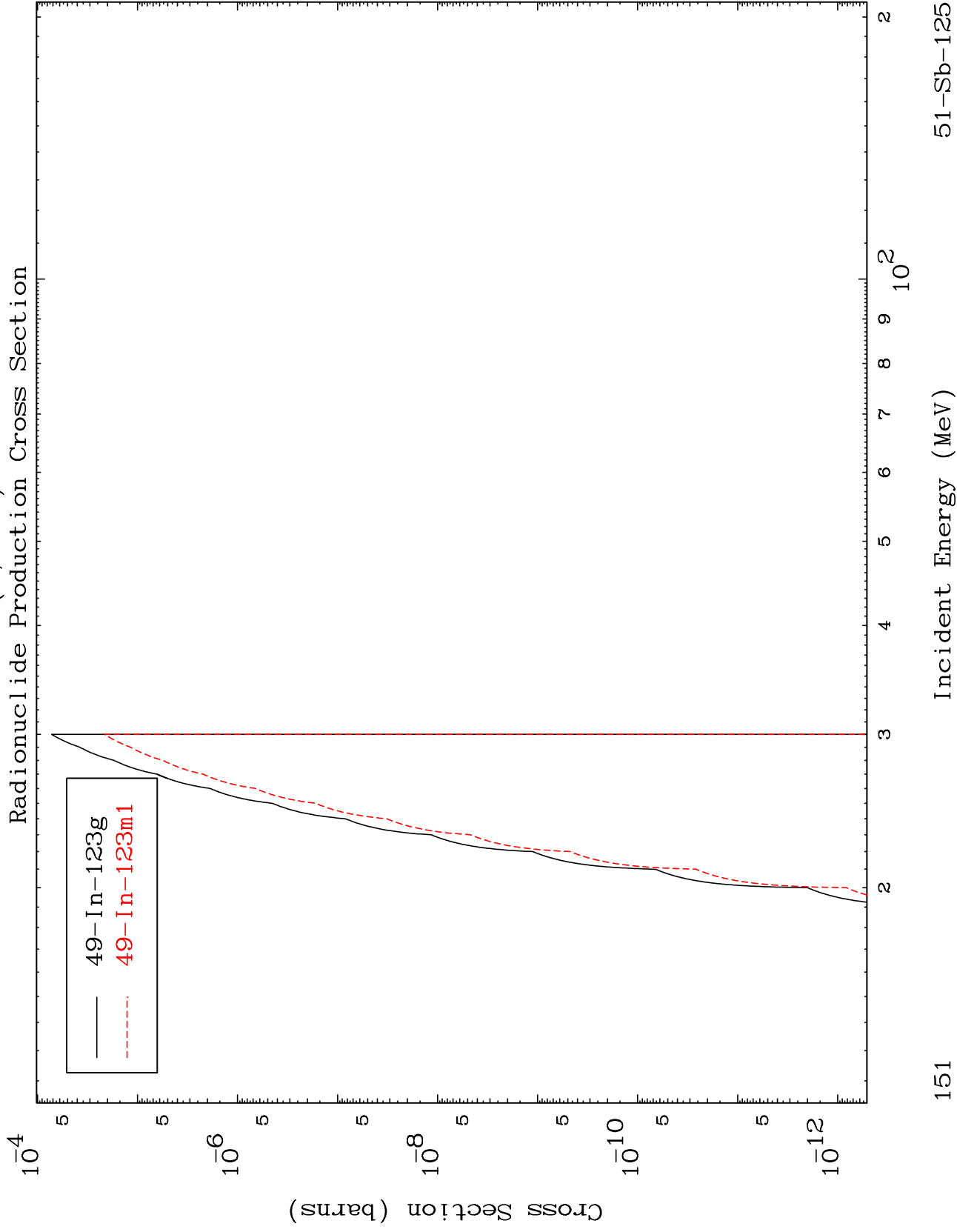
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n,He-3)

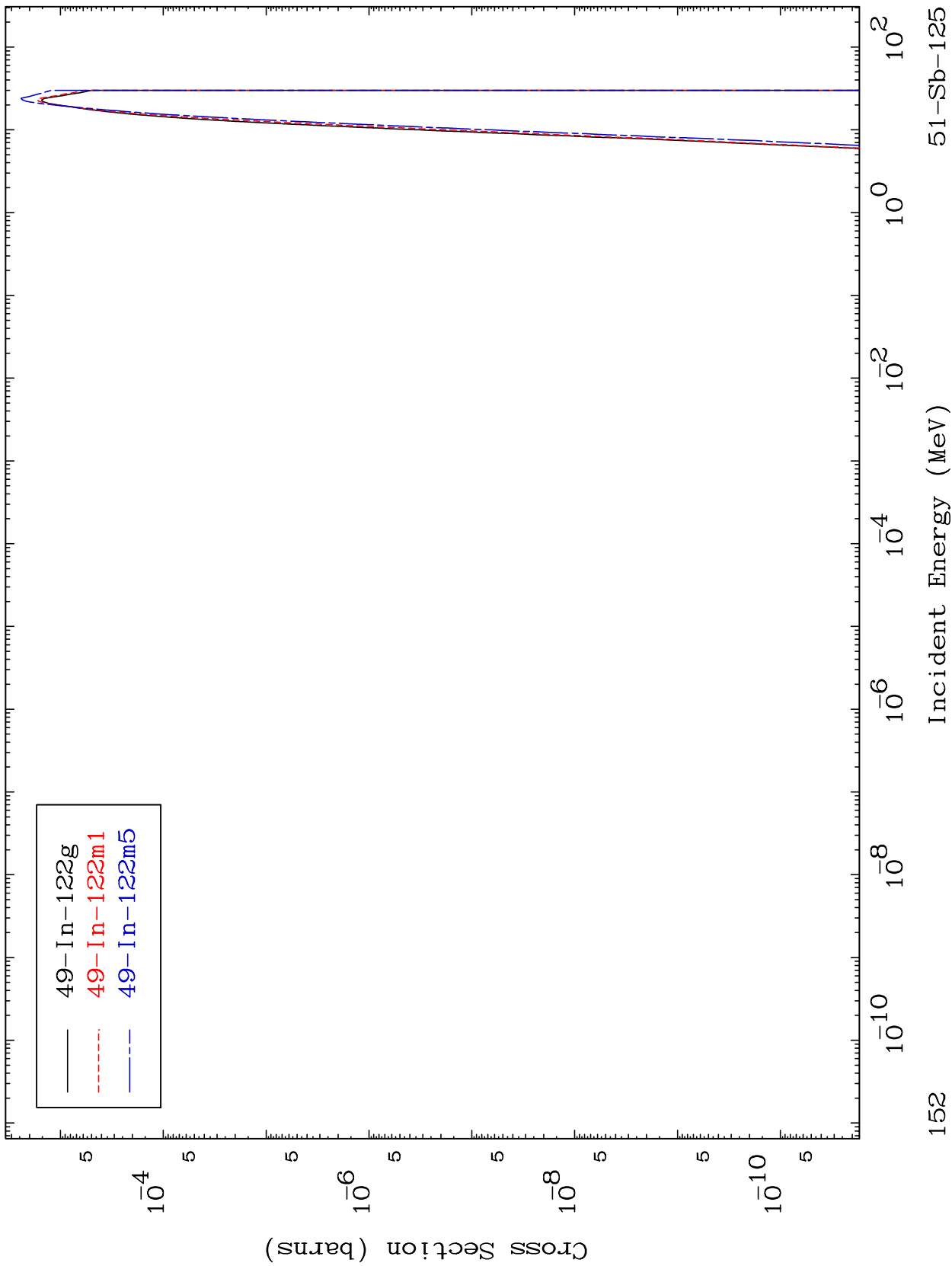
51-Sb-125



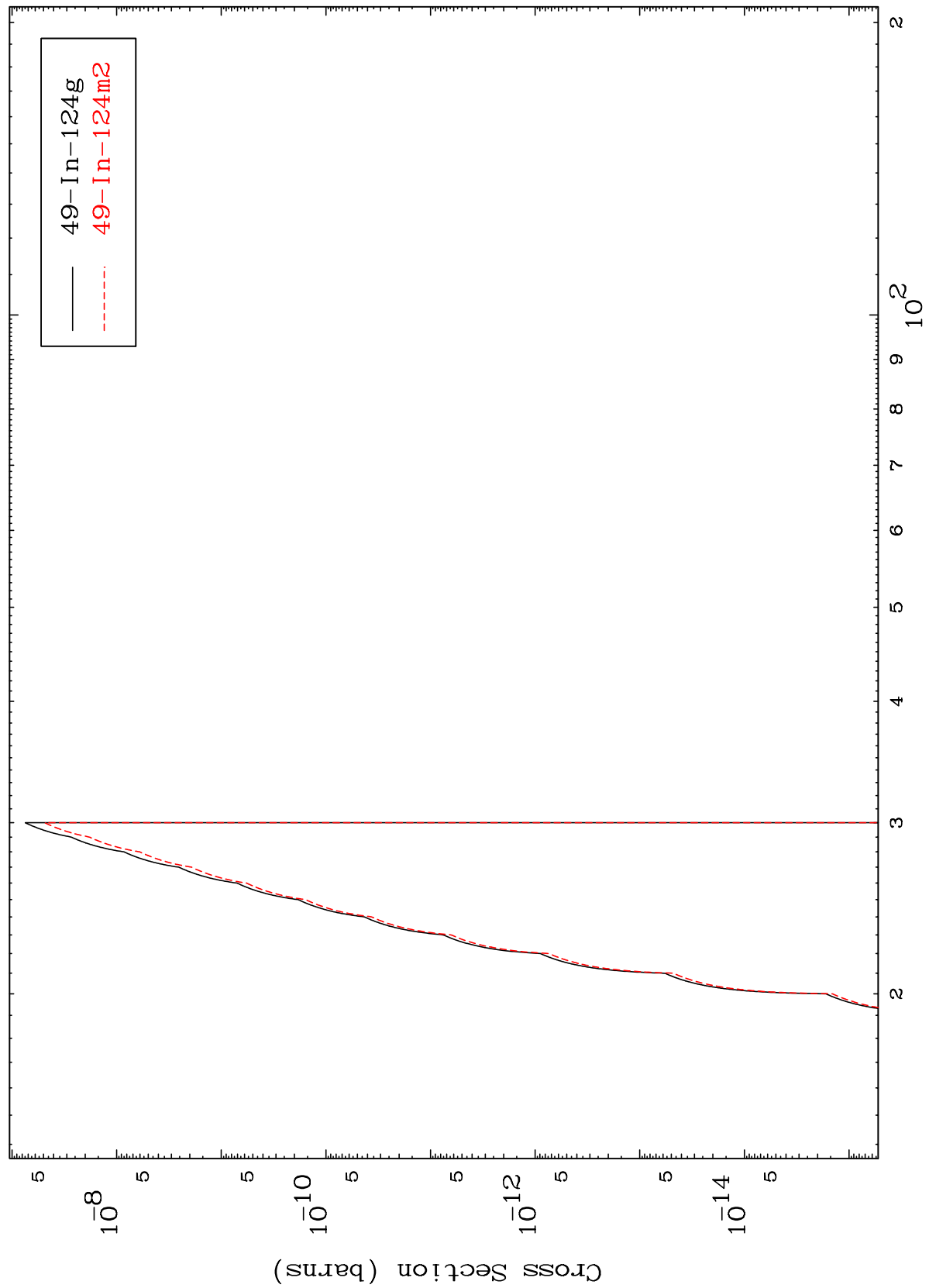
MAT 5137

51-Sb-125

Radionuclide Production Cross Section



(n,2p)  
Radionuclide Production Cross Section



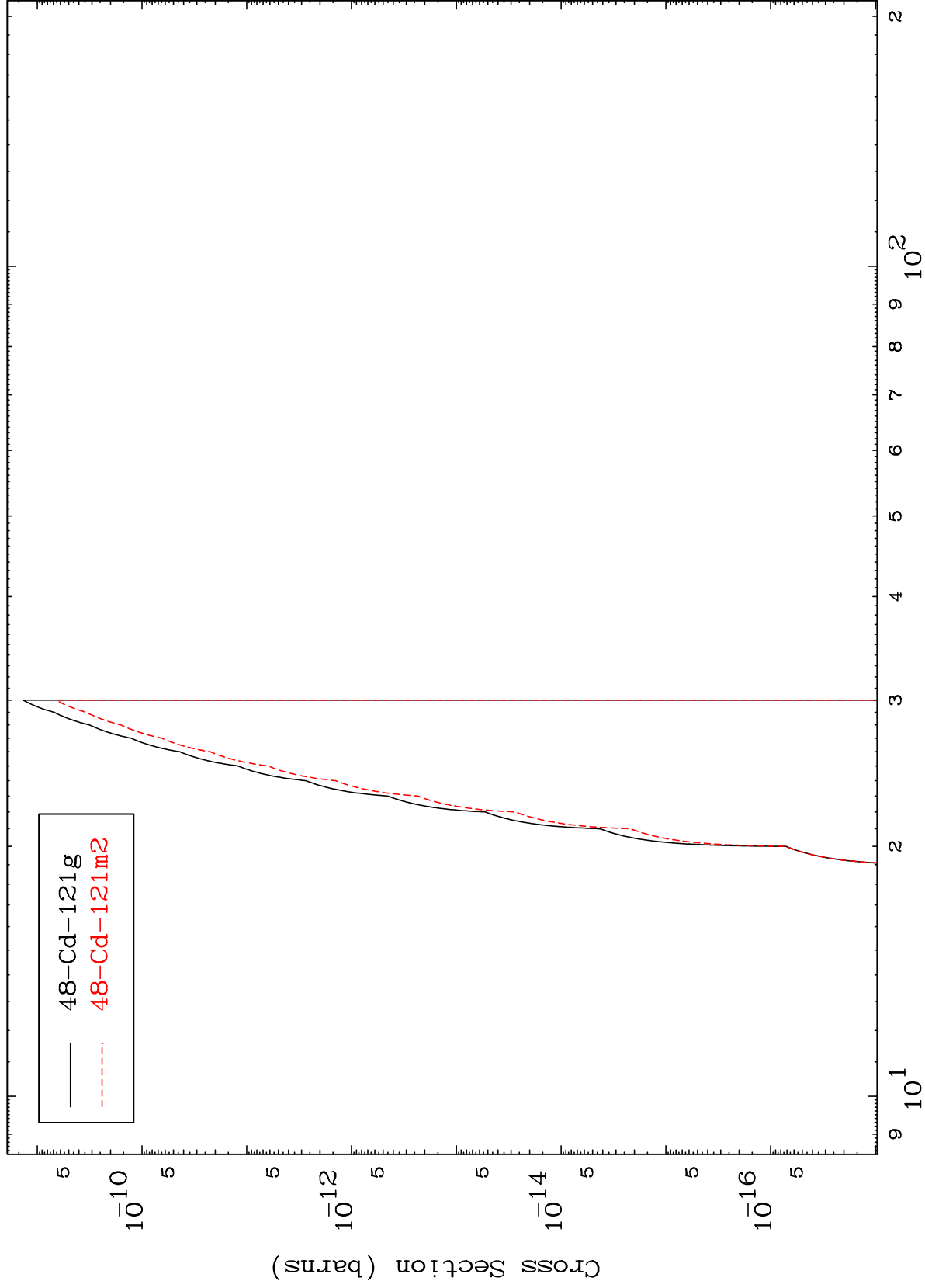
49-In-124g  
49-In-124m2

MAT 5137

(n,p)  $\alpha$

51-Sb-125

Radionuclide Production Cross Section



154

Incident Energy (MeV)

51-Sb-125