

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

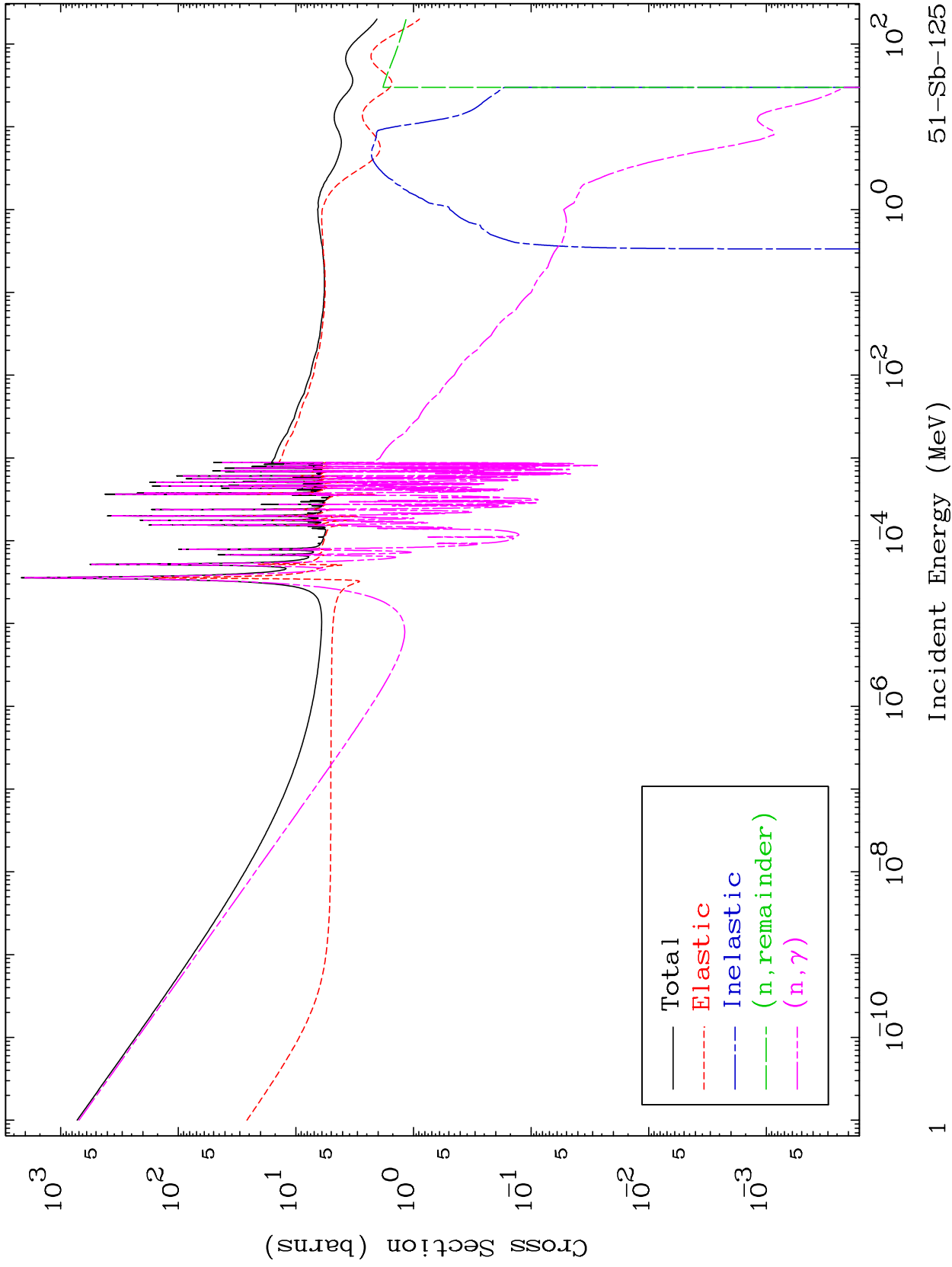
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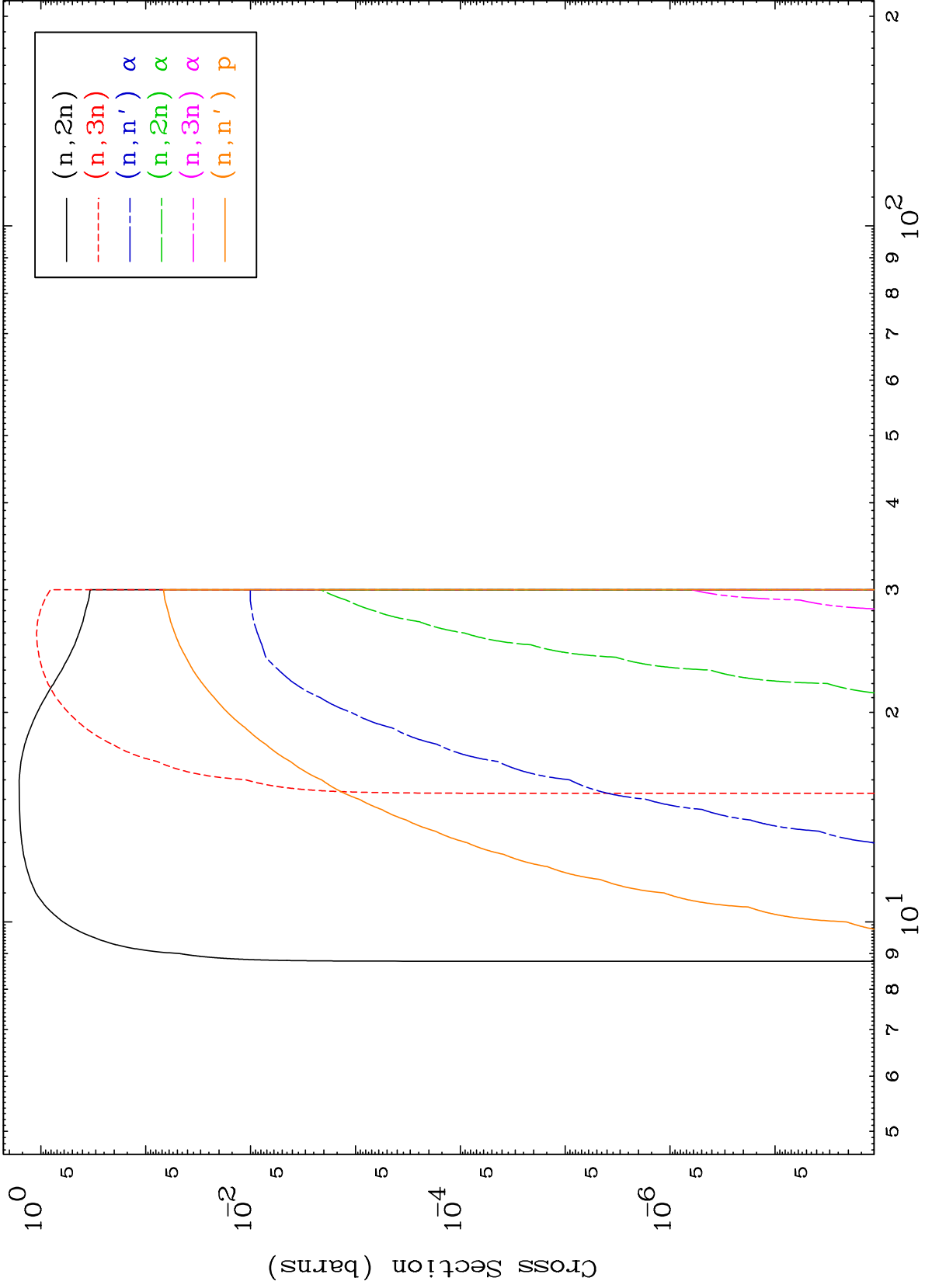
Press Mouse Button to Start

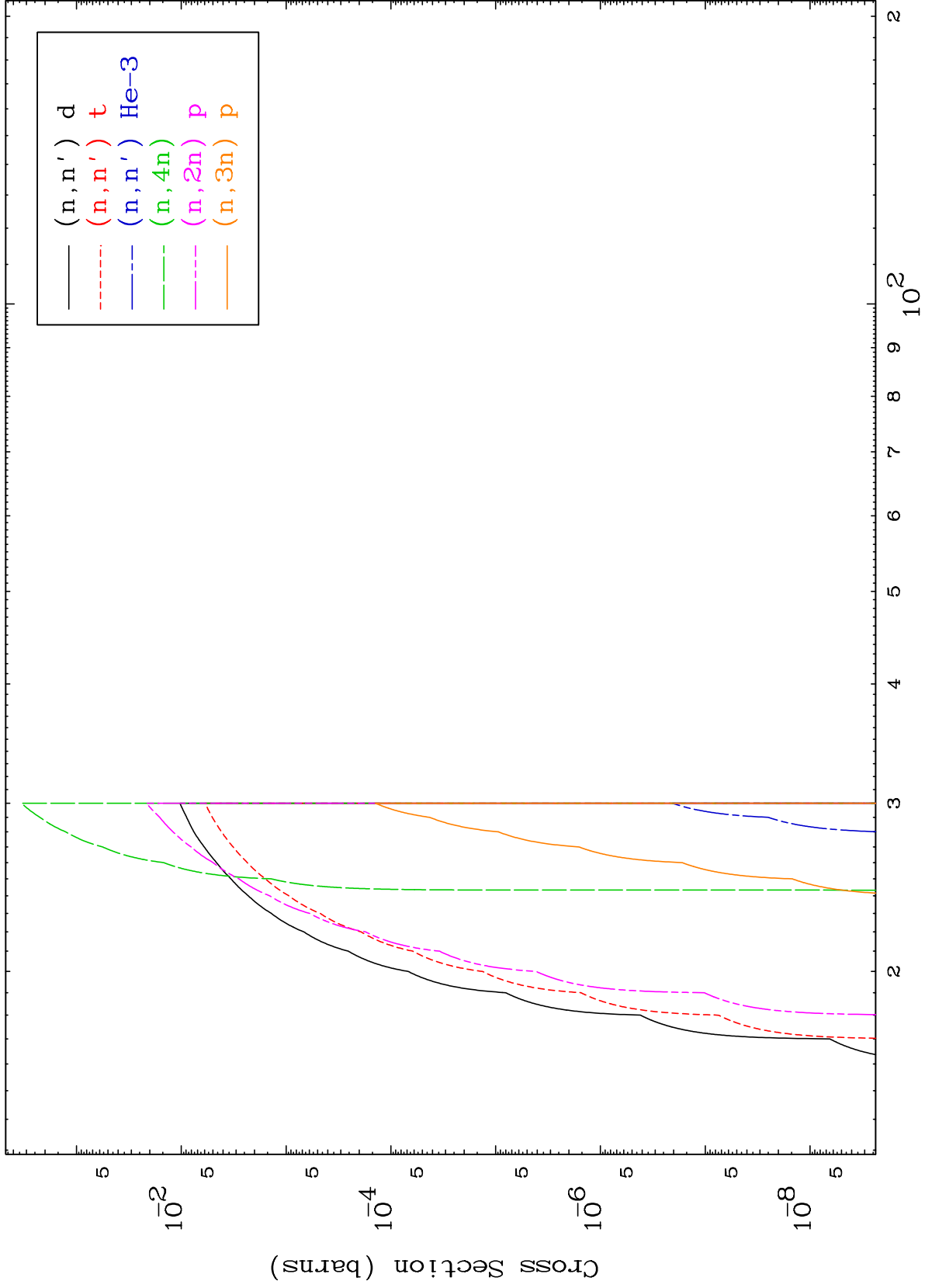
MAT 5137

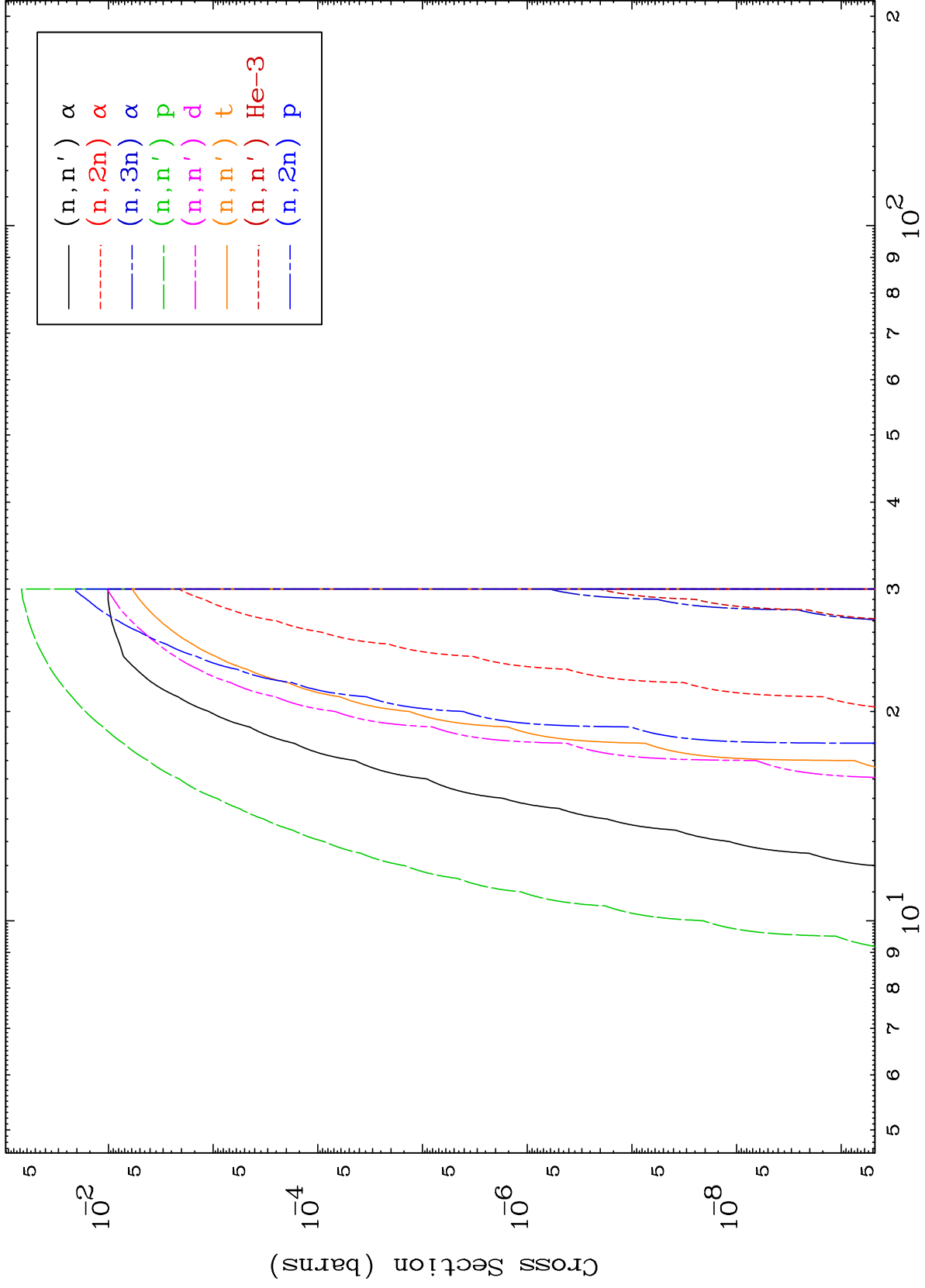
Major  
293 Kelvin Cross Sections

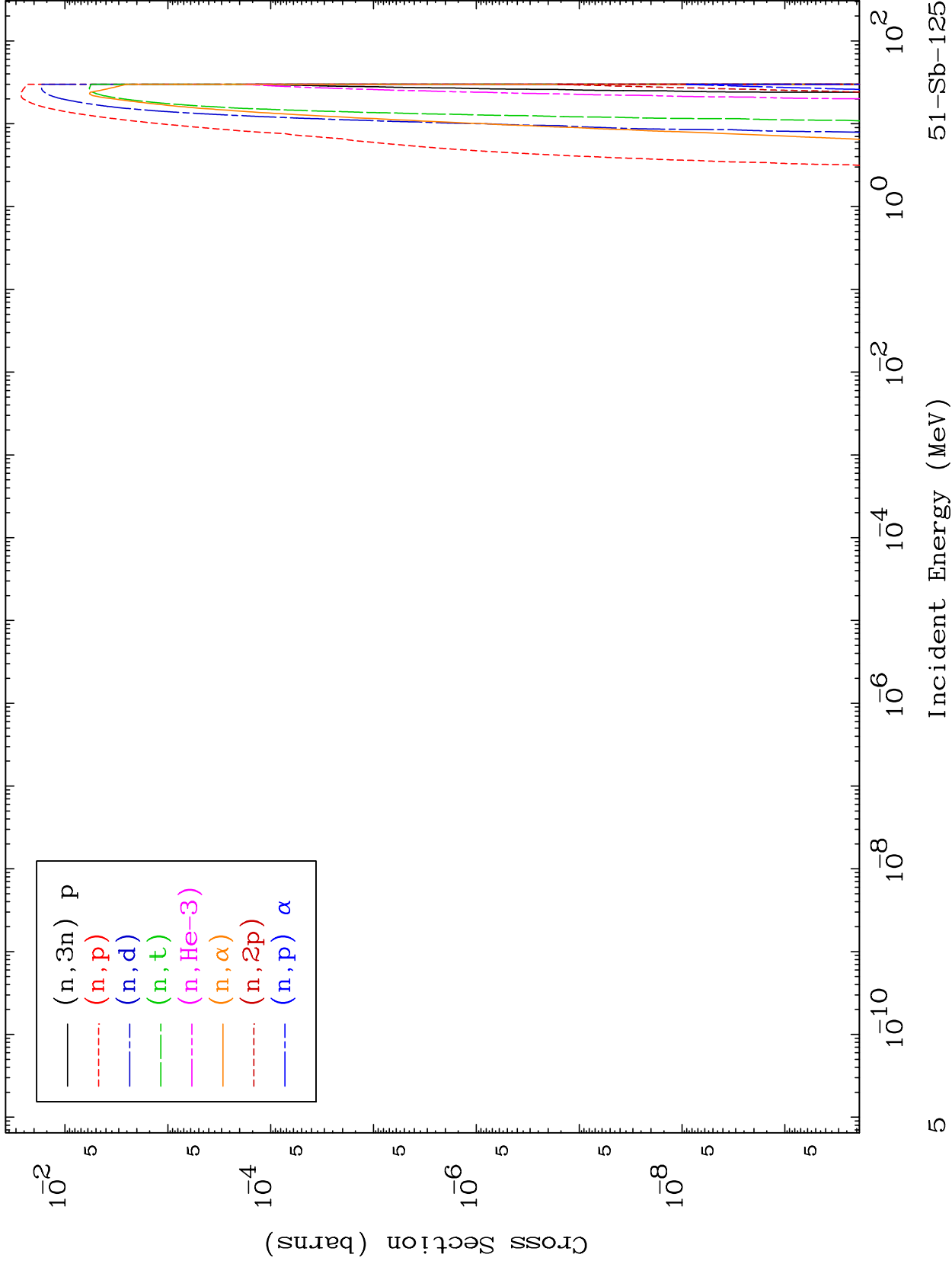
51-Sb-125







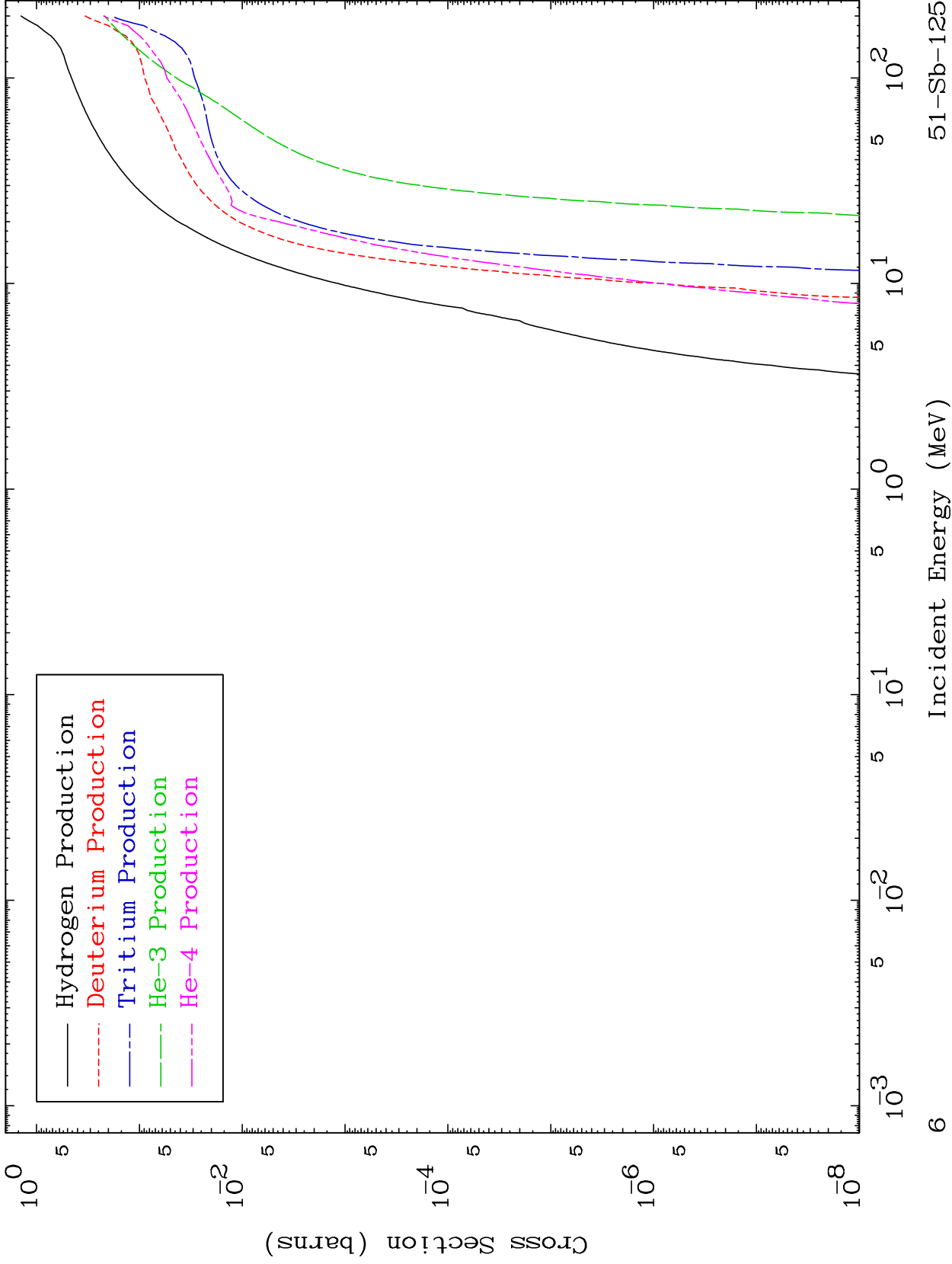




MAT 5137

Particle Production  
293 Kelvin Cross Sections

51-Sb-125



51-Sb-125

Incident Energy (MeV)

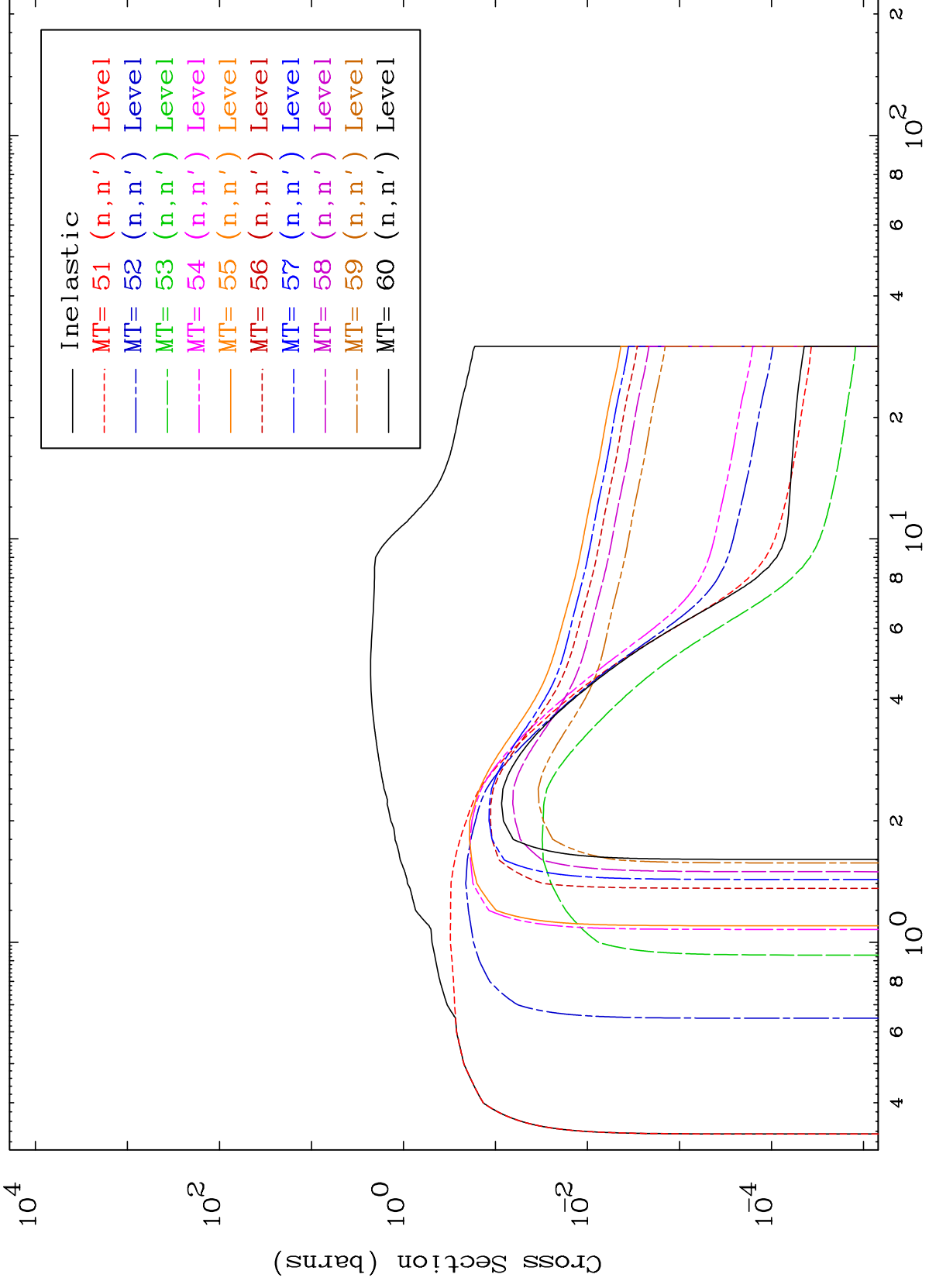
6

MAT 5137

(n,n') Level

51-Sb-125

293 Kelvin Cross Sections



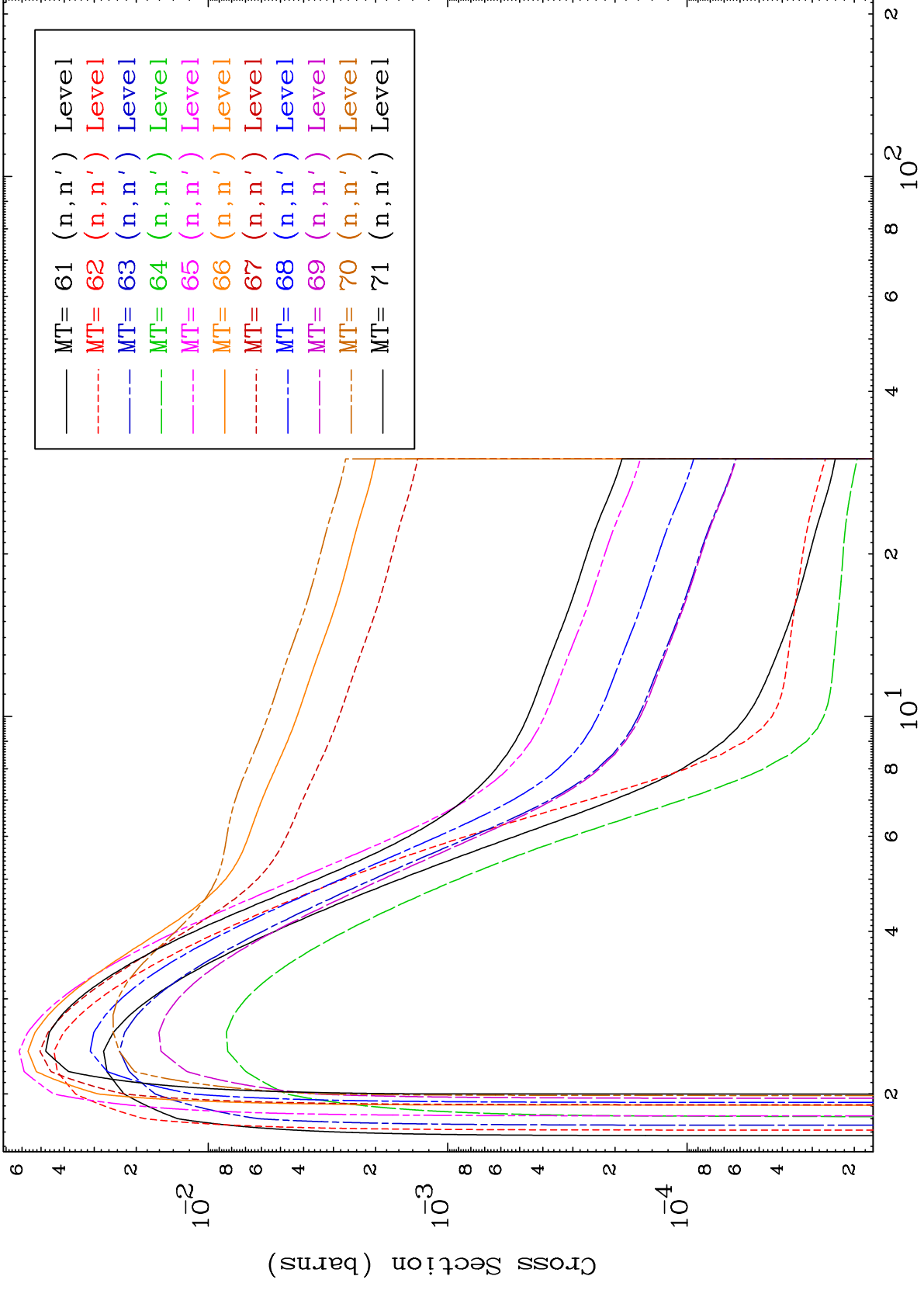


MAT 5137

(n,n') Level

51-Sb-125

293 Kelvin Cross Sections



8

Incident Energy (MeV)

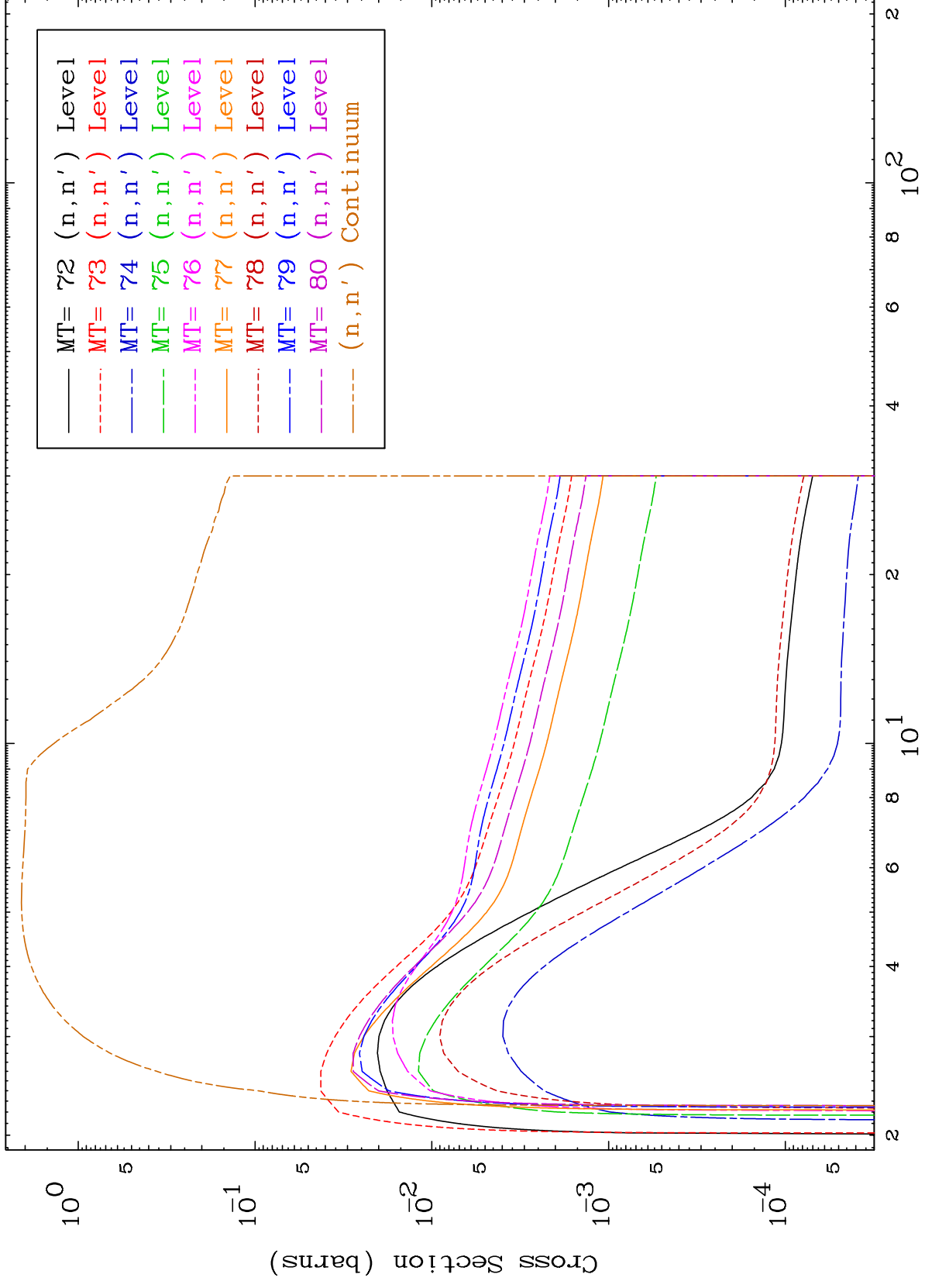
51-Sb-125

MAT 5137

(n,n') Level

51-Sb-125

293 Kelvin Cross Sections



9

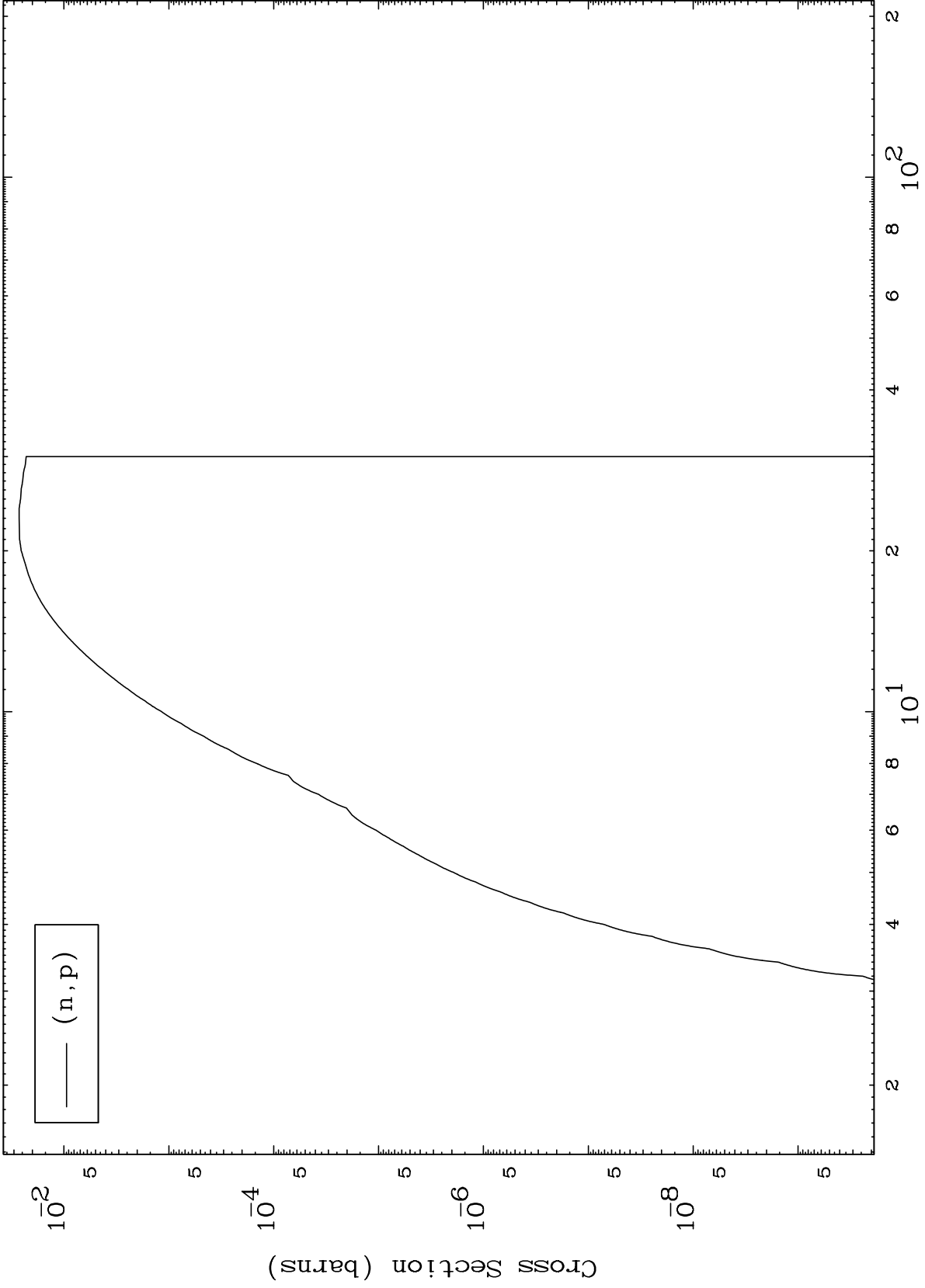
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-125



10

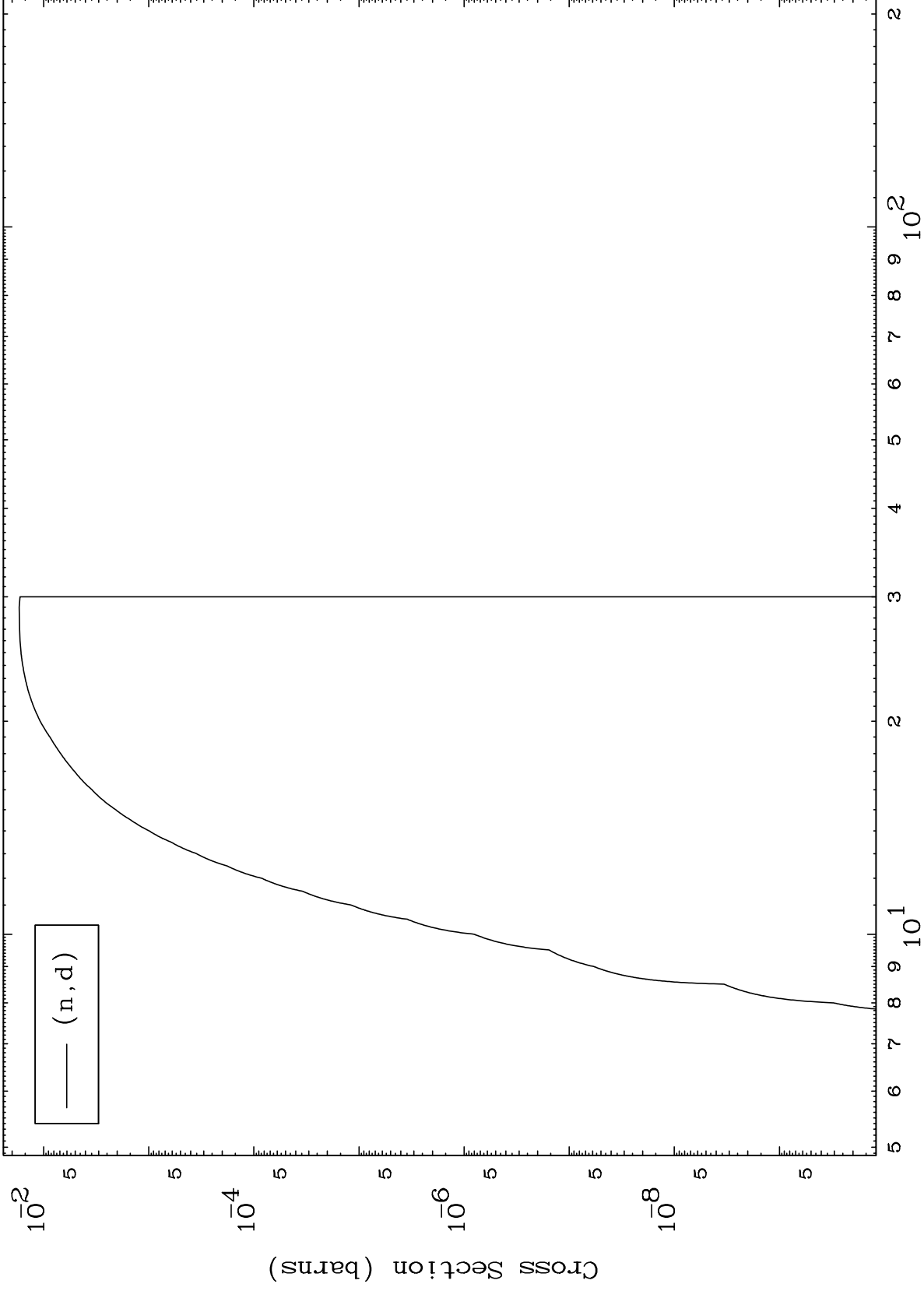
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-125



11

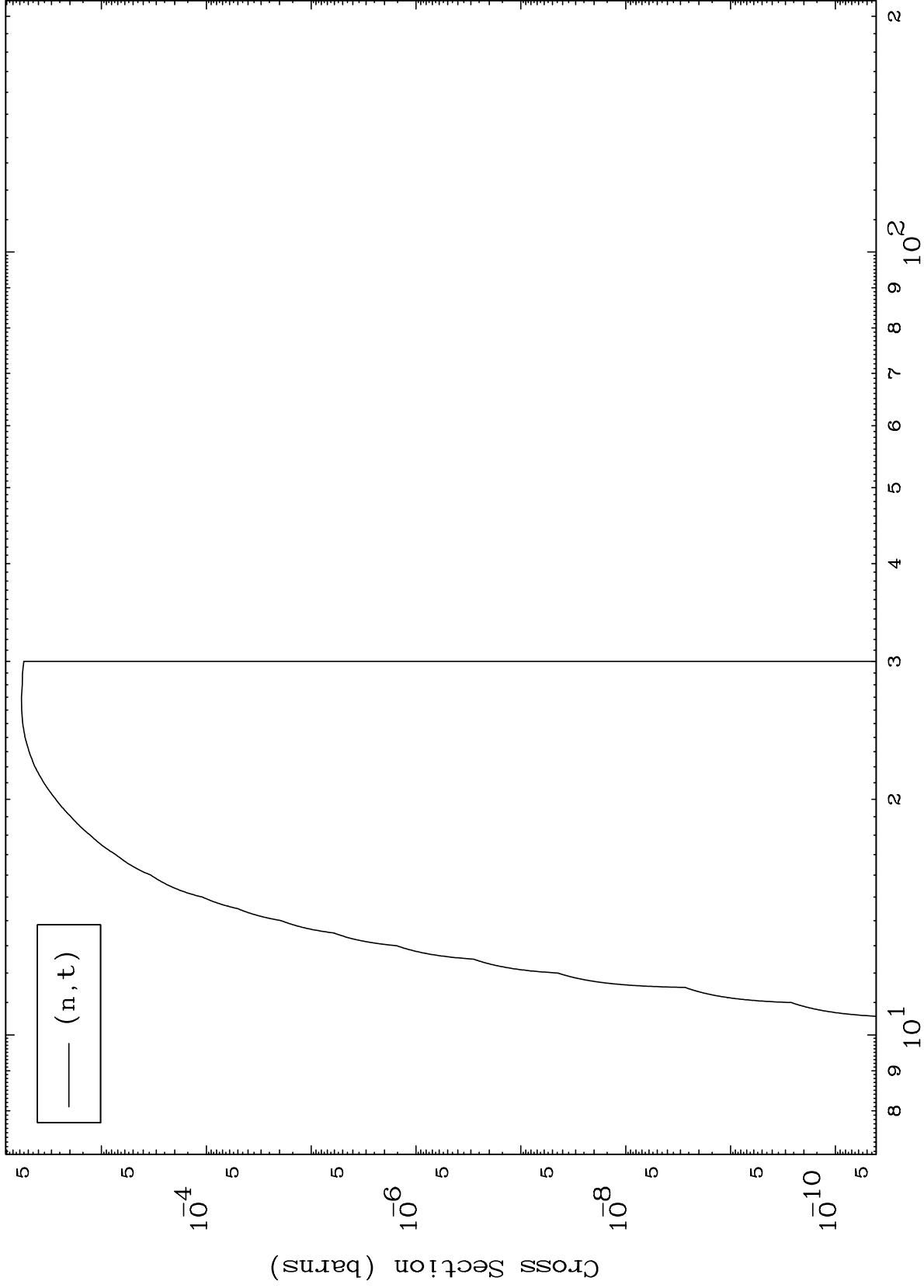
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-125



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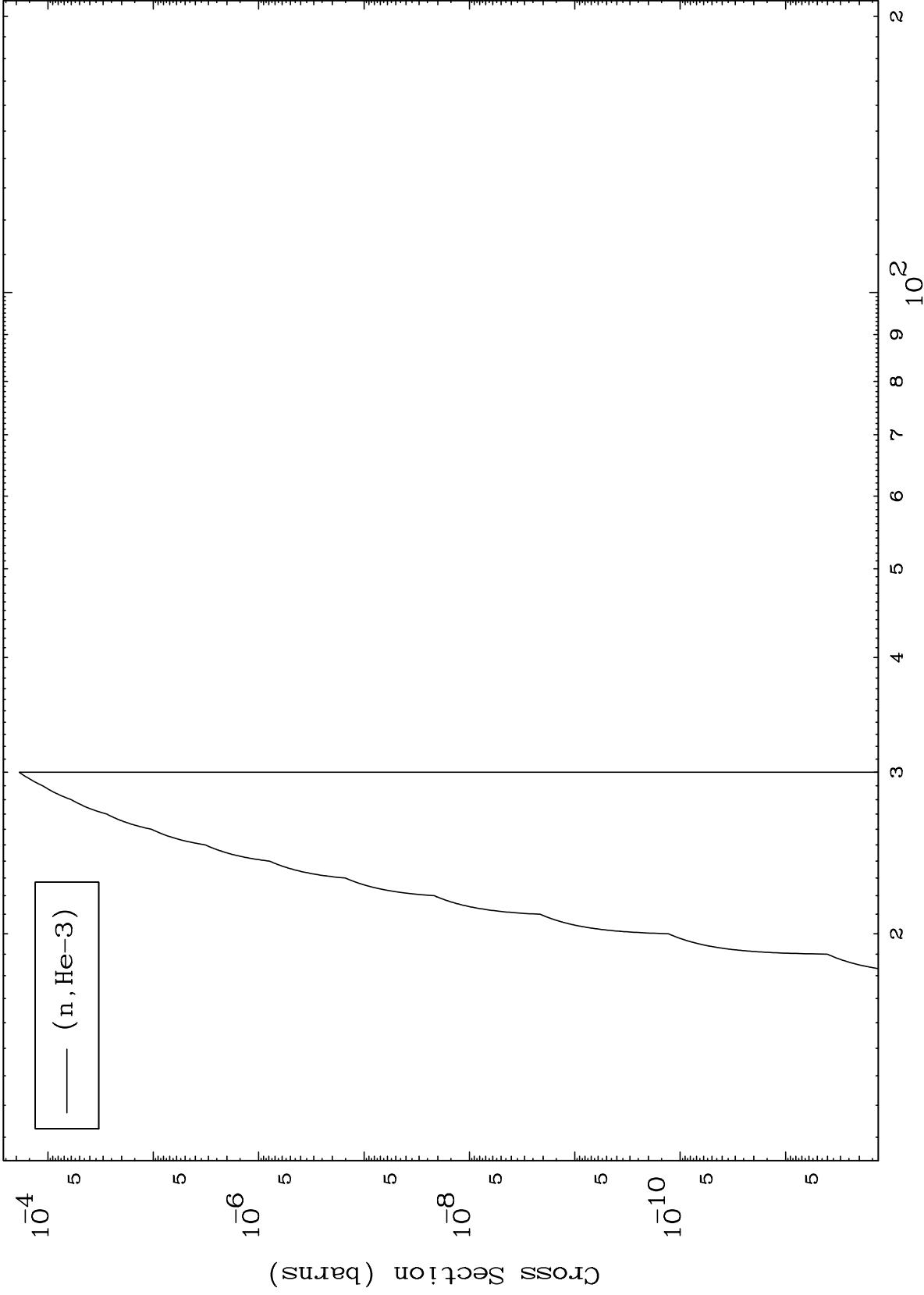
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-125



13

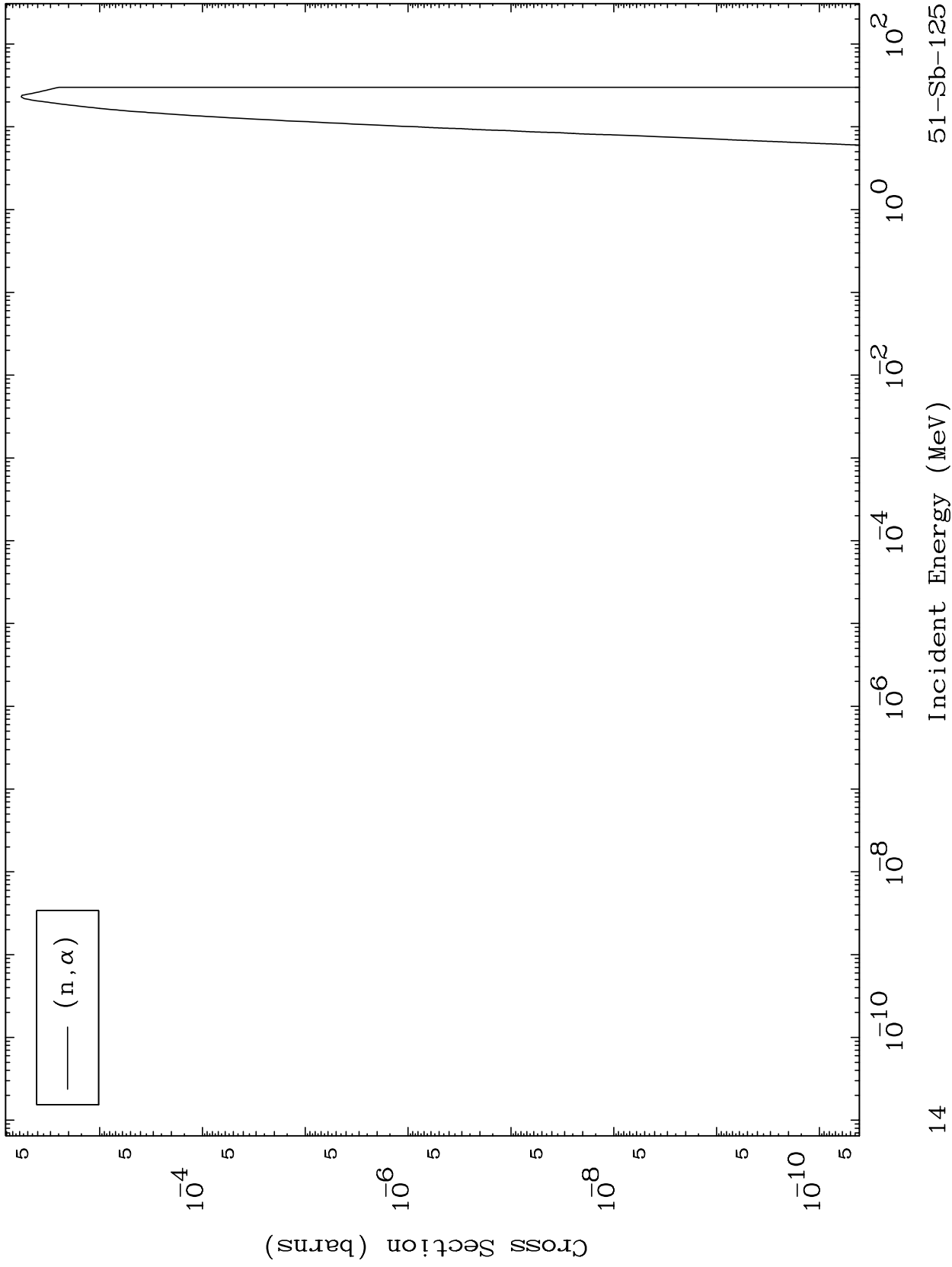
Incident Energy (MeV)

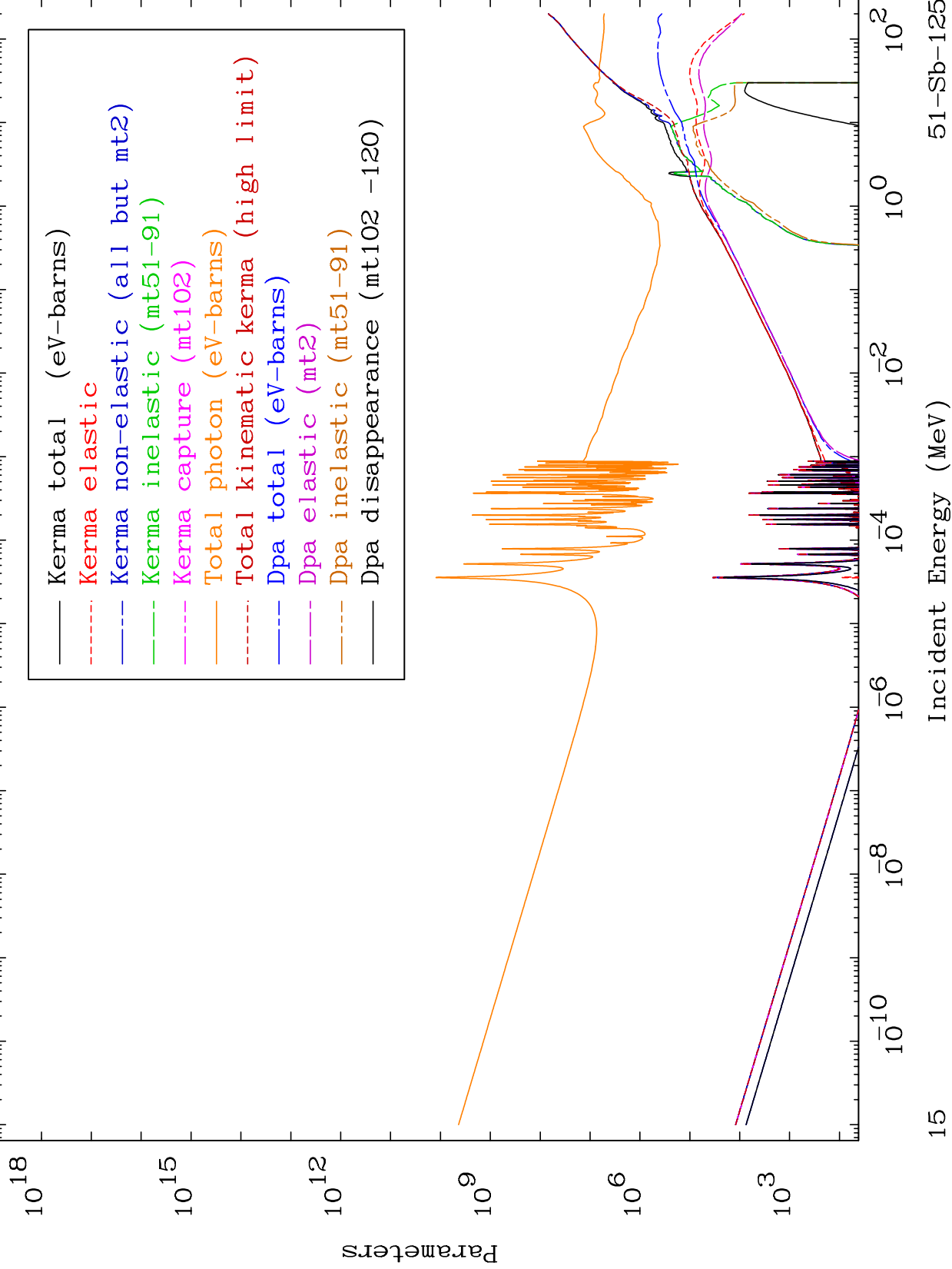
51-Sb-125

MAT 5137

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

51-Sb-125



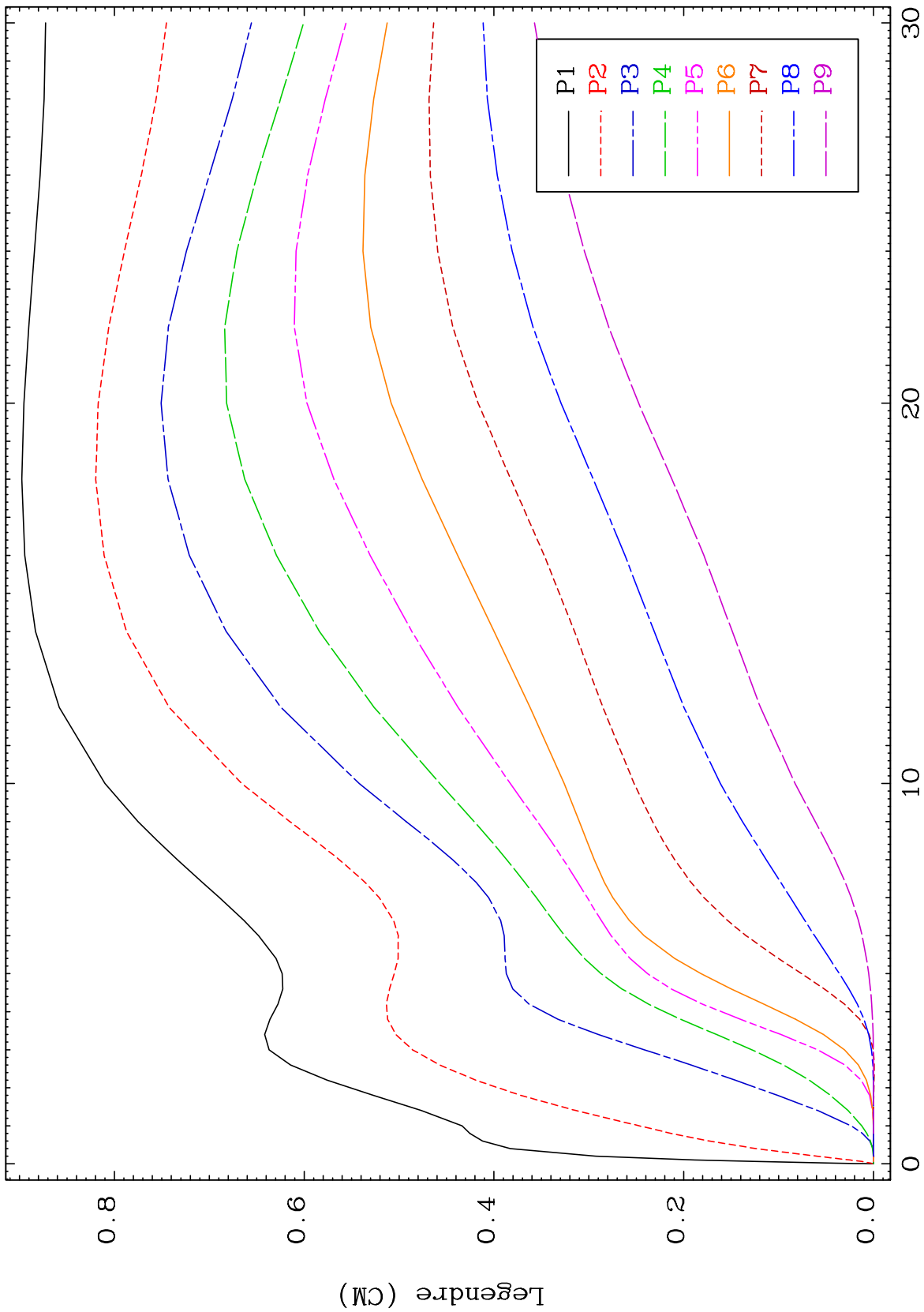




MAT 5137

51-Sb-125

Elastic Legendre Coefficients



51-Sb-125

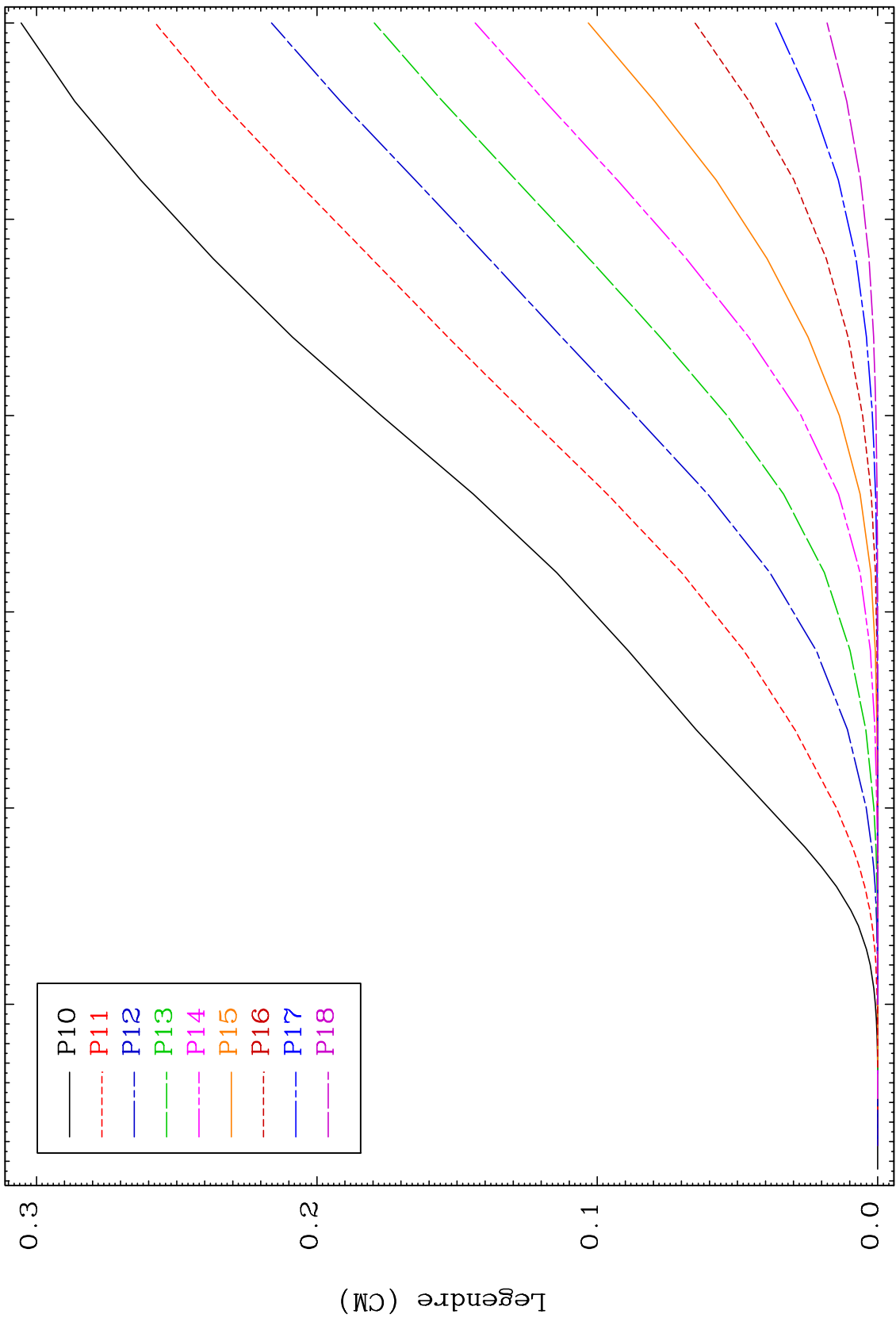
Incident Energy (MeV)

16

MAT 5137

Elastic Legendre Coefficients

51-Sb-125



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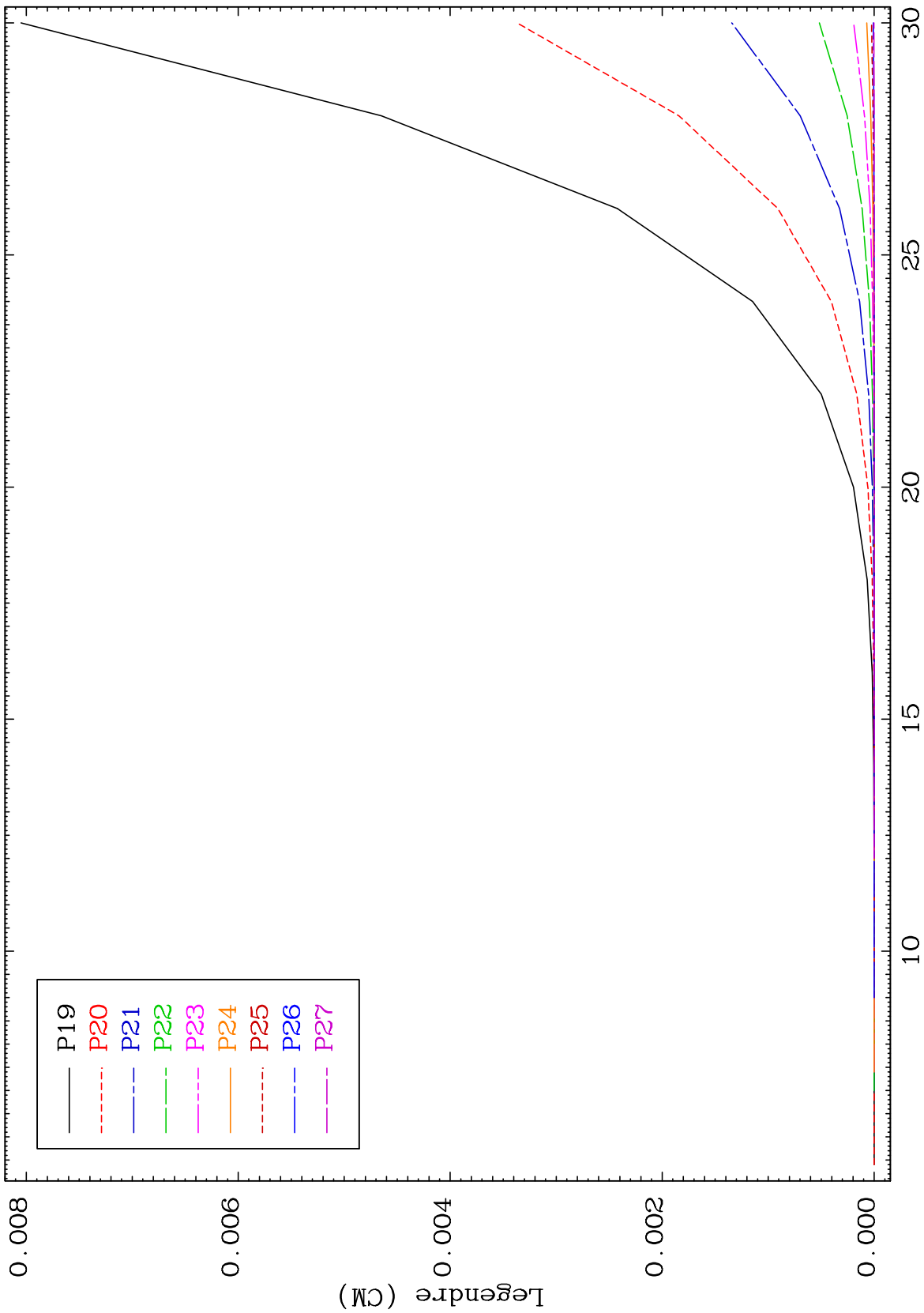
Incident Energy (MeV)

51-Sb-125

MAT 5137

Elastic  
Legendre Coefficients

51-Sb-125



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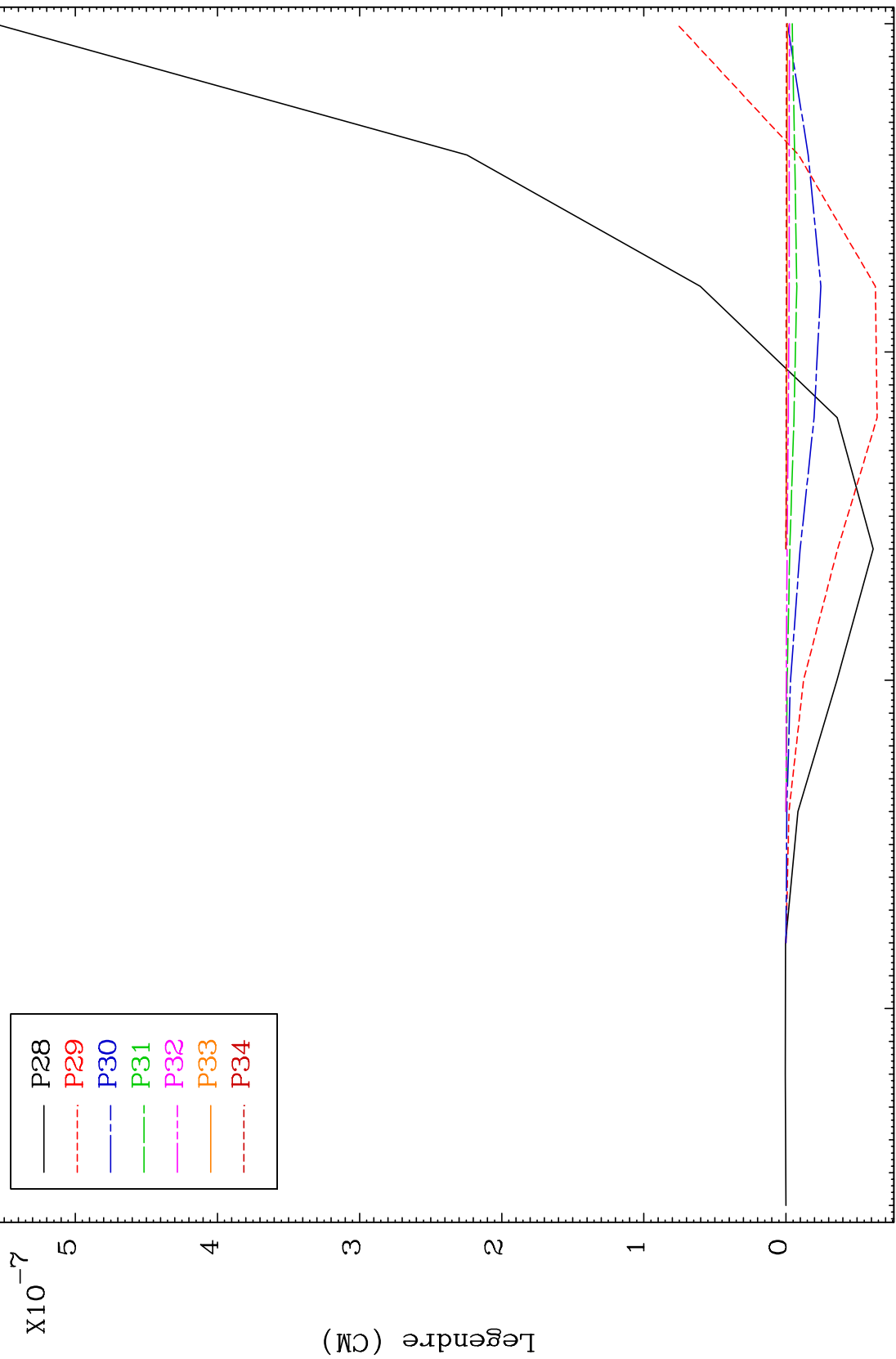
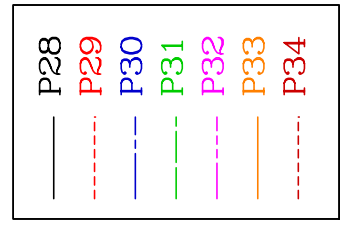
Incident Energy (MeV)

51-Sb-125

MAT 5137

Elastic Legendre Coefficients

51-Sb-125



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Incident Energy (MeV)

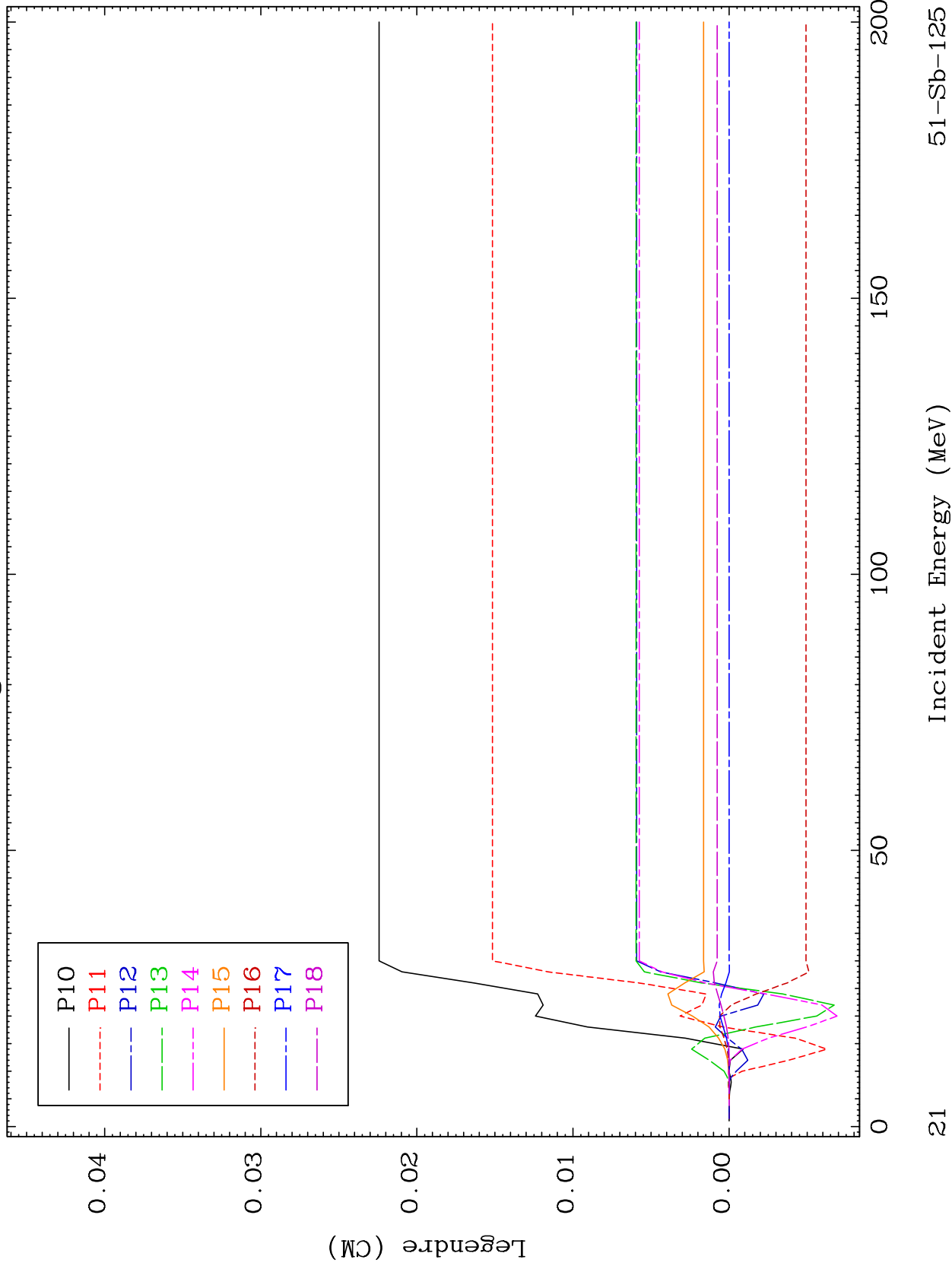
51-Sb-125



MAT 5137

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

51-Sb-125



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Incident Energy (MeV)

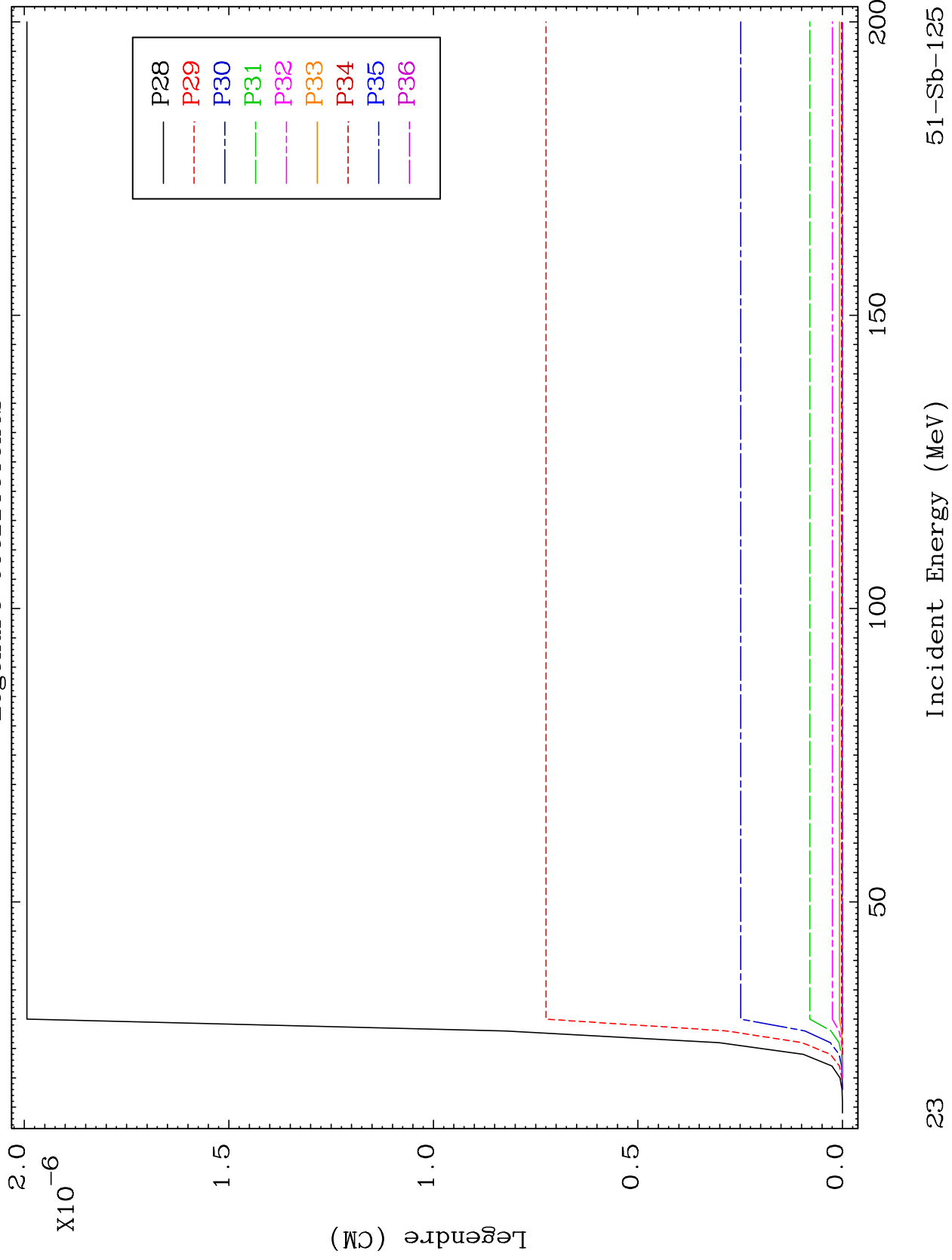
51-Sb-125



MAT 5137

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

51-Sb-125

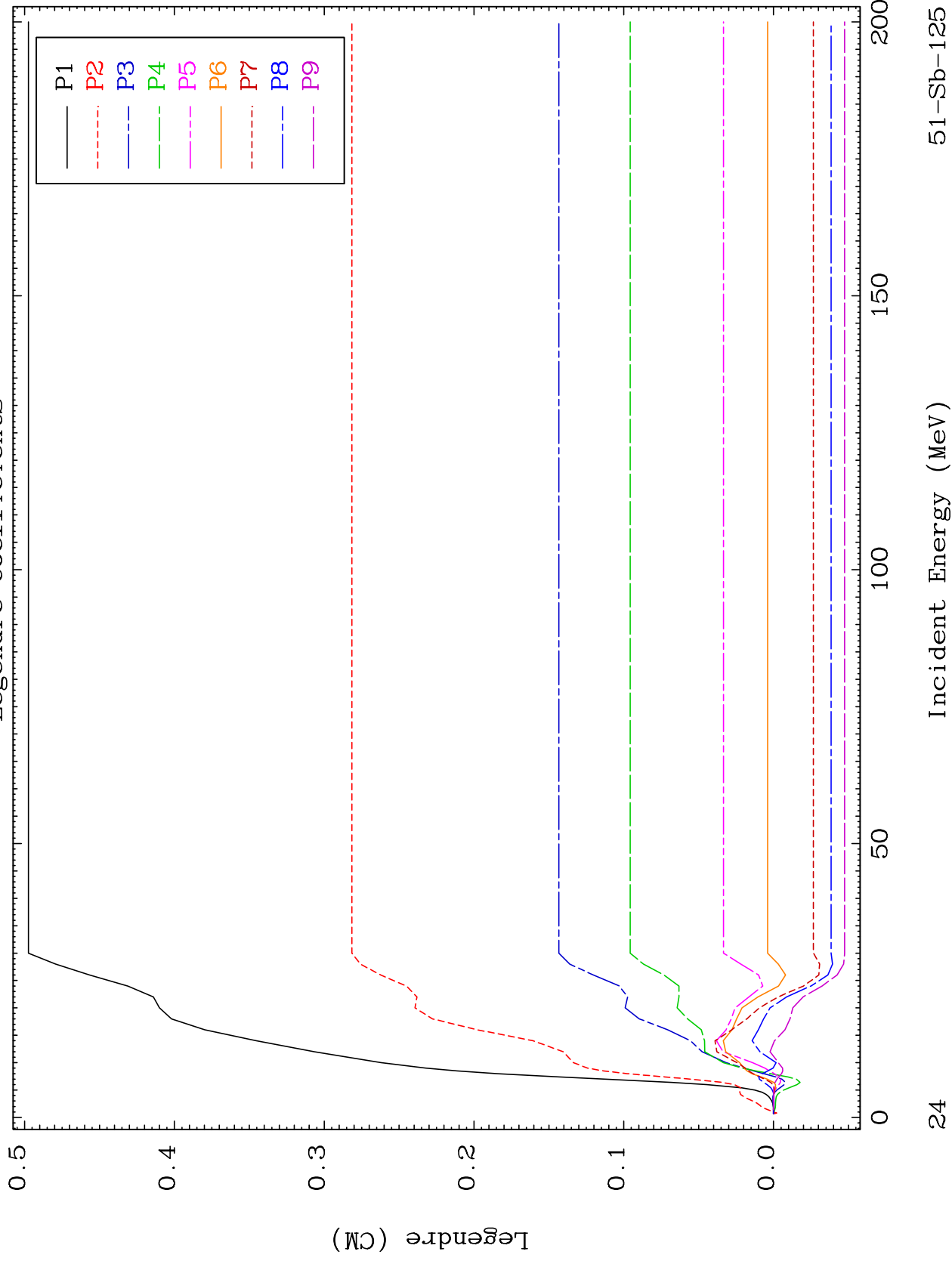




MAT 5137

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

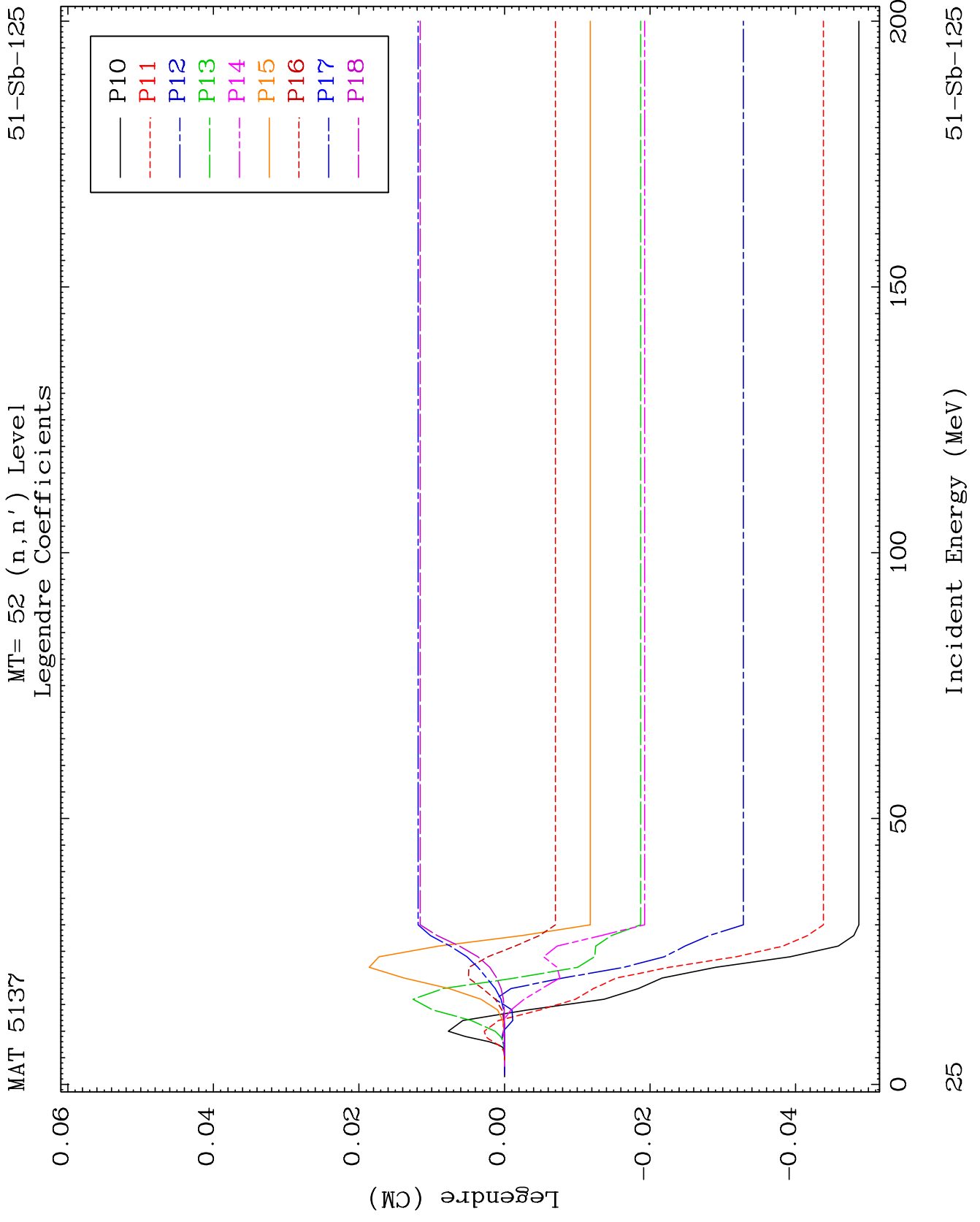
51-Sb-125



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Incident Energy (MeV)

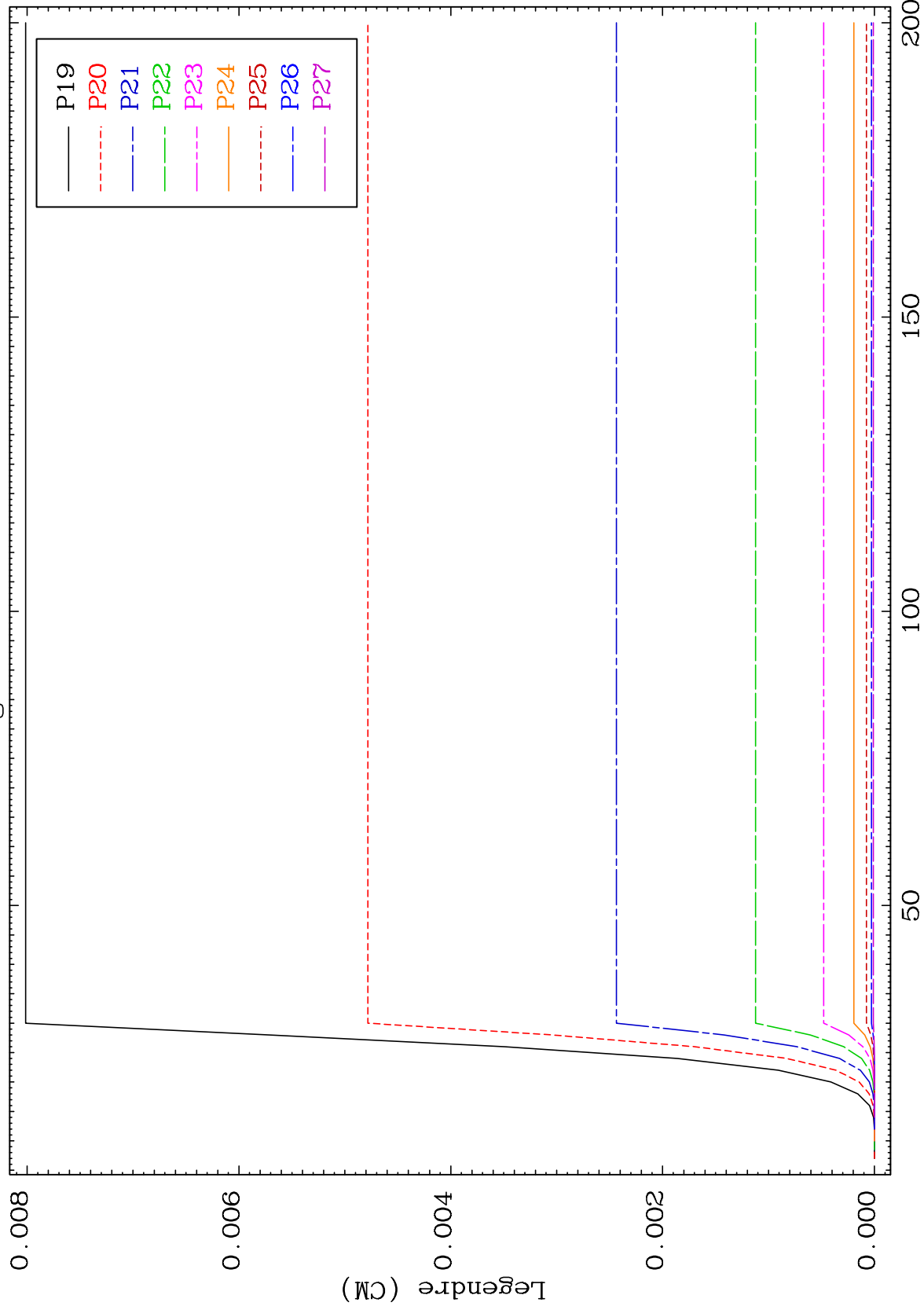
51-Sb-125



MAT 5137

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

51-Sb-125



26

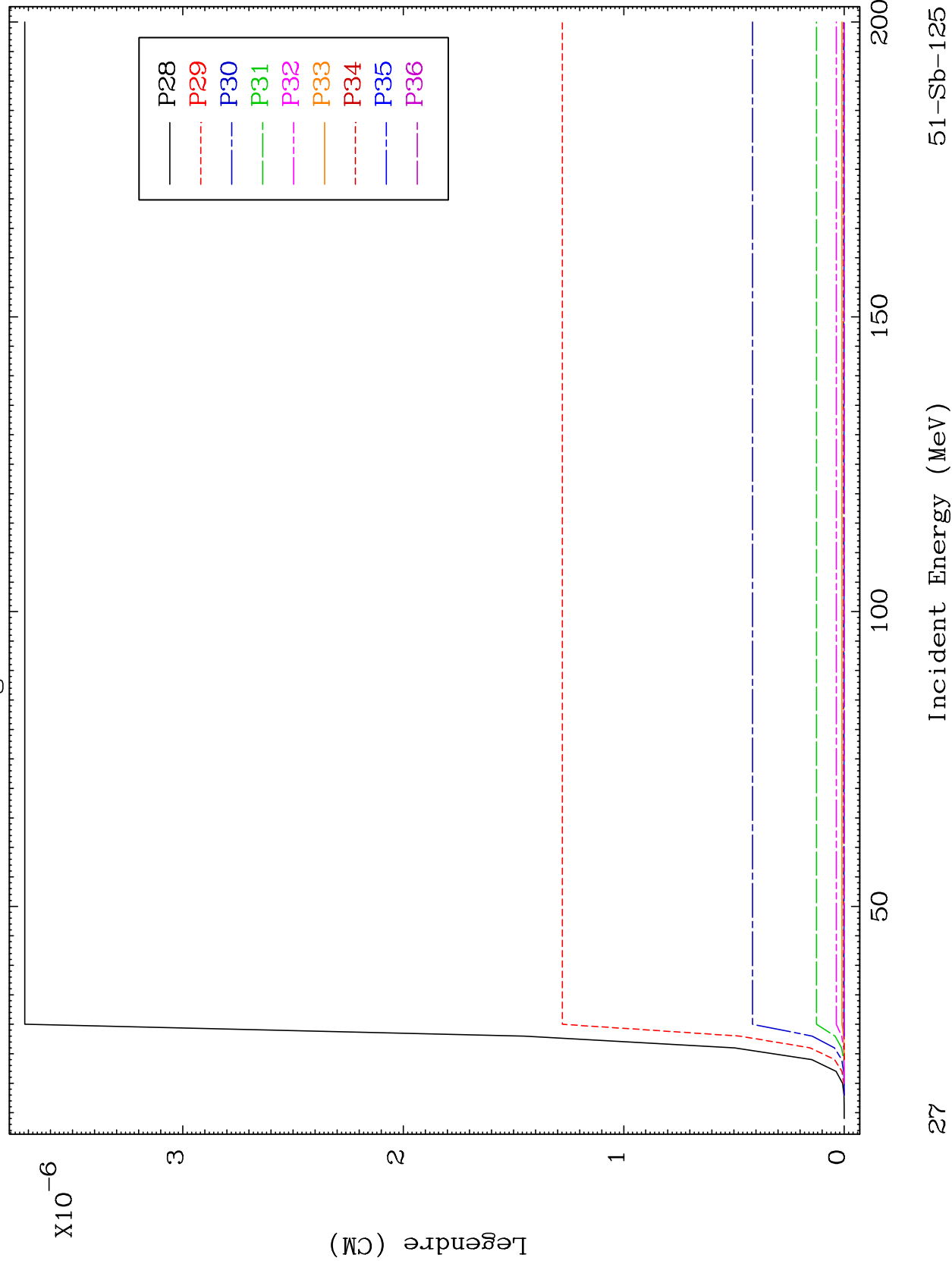
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125

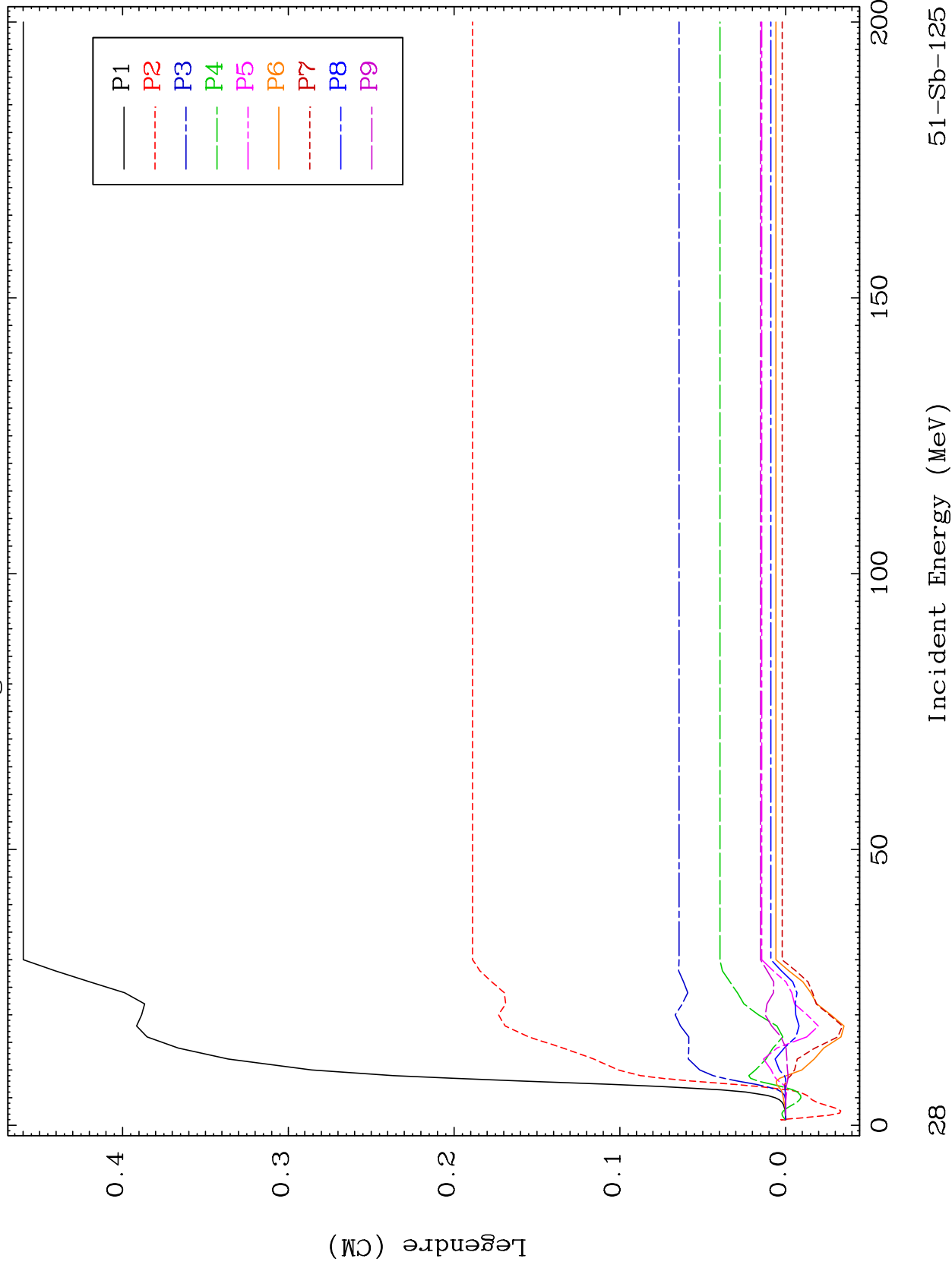


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MAT 5137

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

51-Sb-125



51-Sb-125

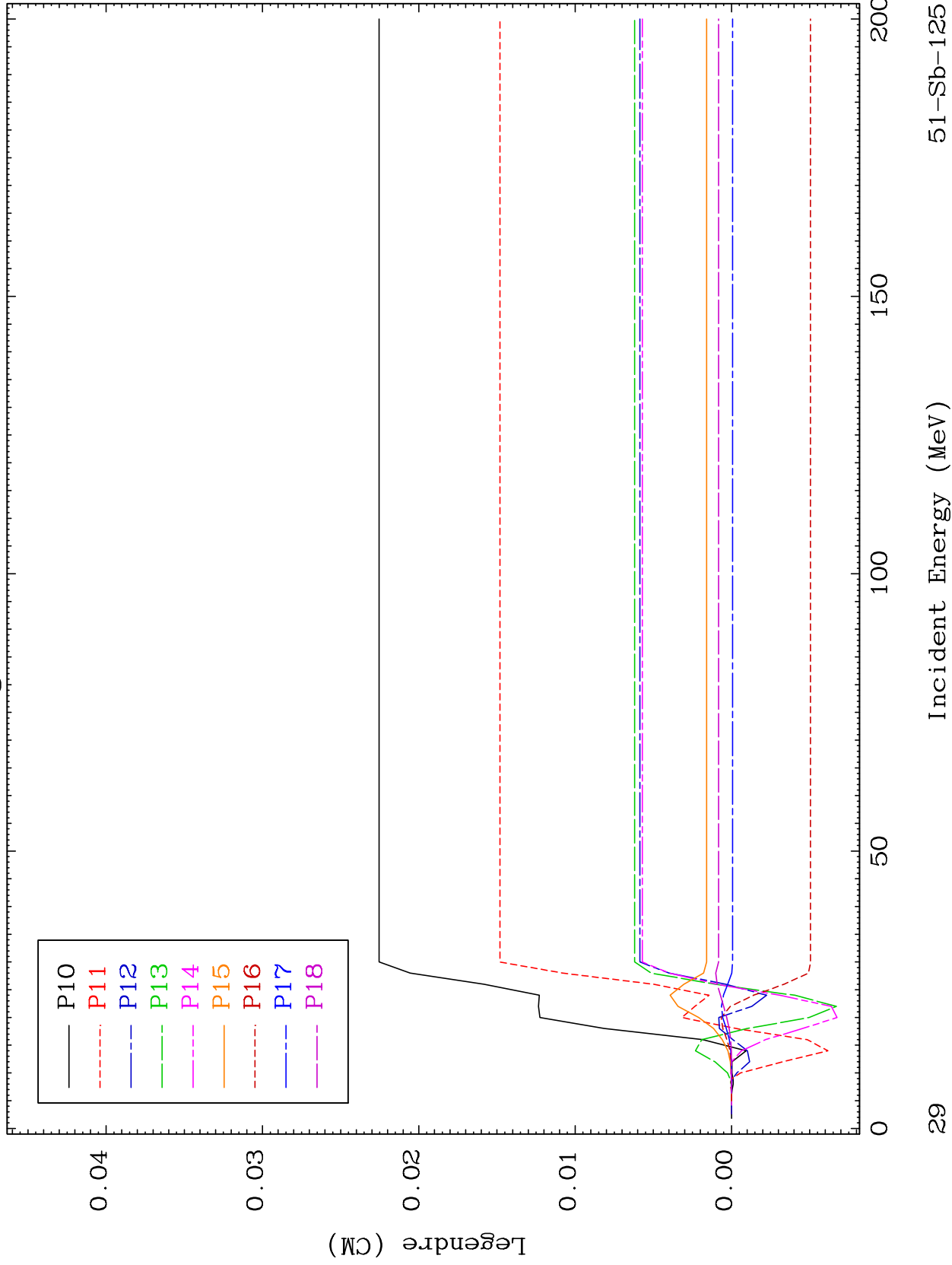
Incident Energy (MeV)

28

MAT 5137

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

51-Sb-125



51-Sb-125

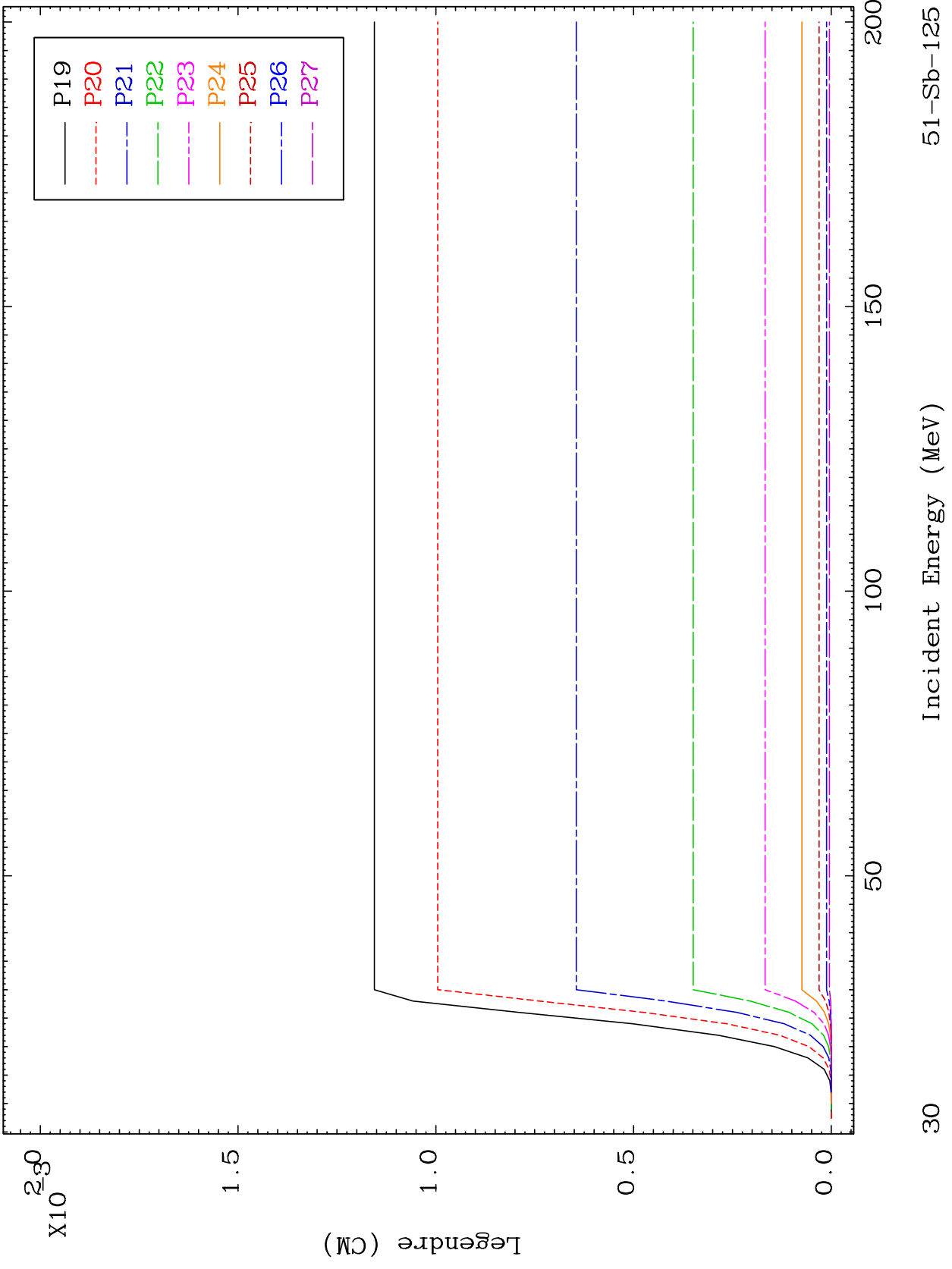
Incident Energy (MeV)

29

MAT 5137

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

51-Sb-125



51-Sb-125

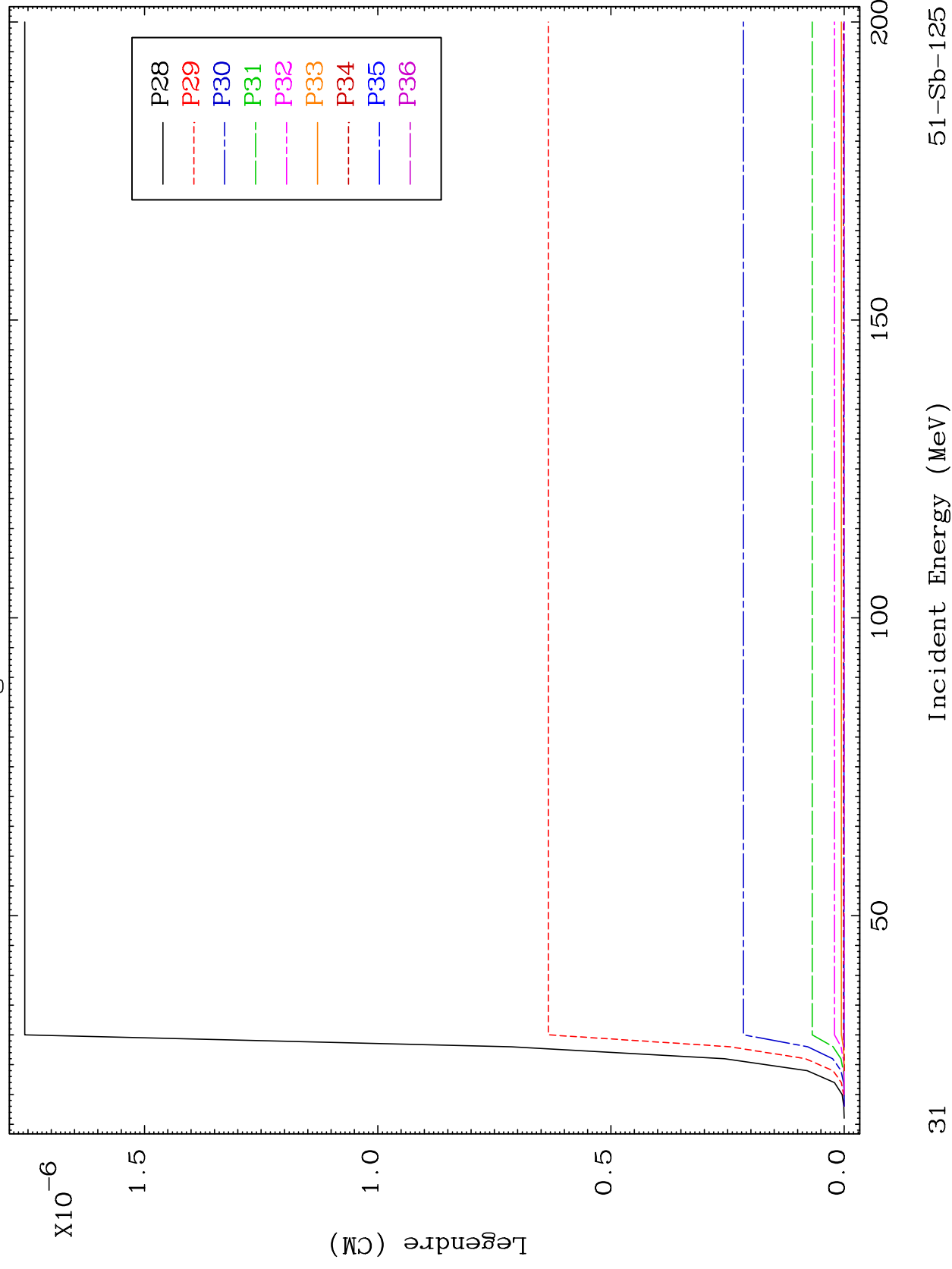
Incident Energy (MeV)

30

MAT 5137

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

51-Sb-125



31

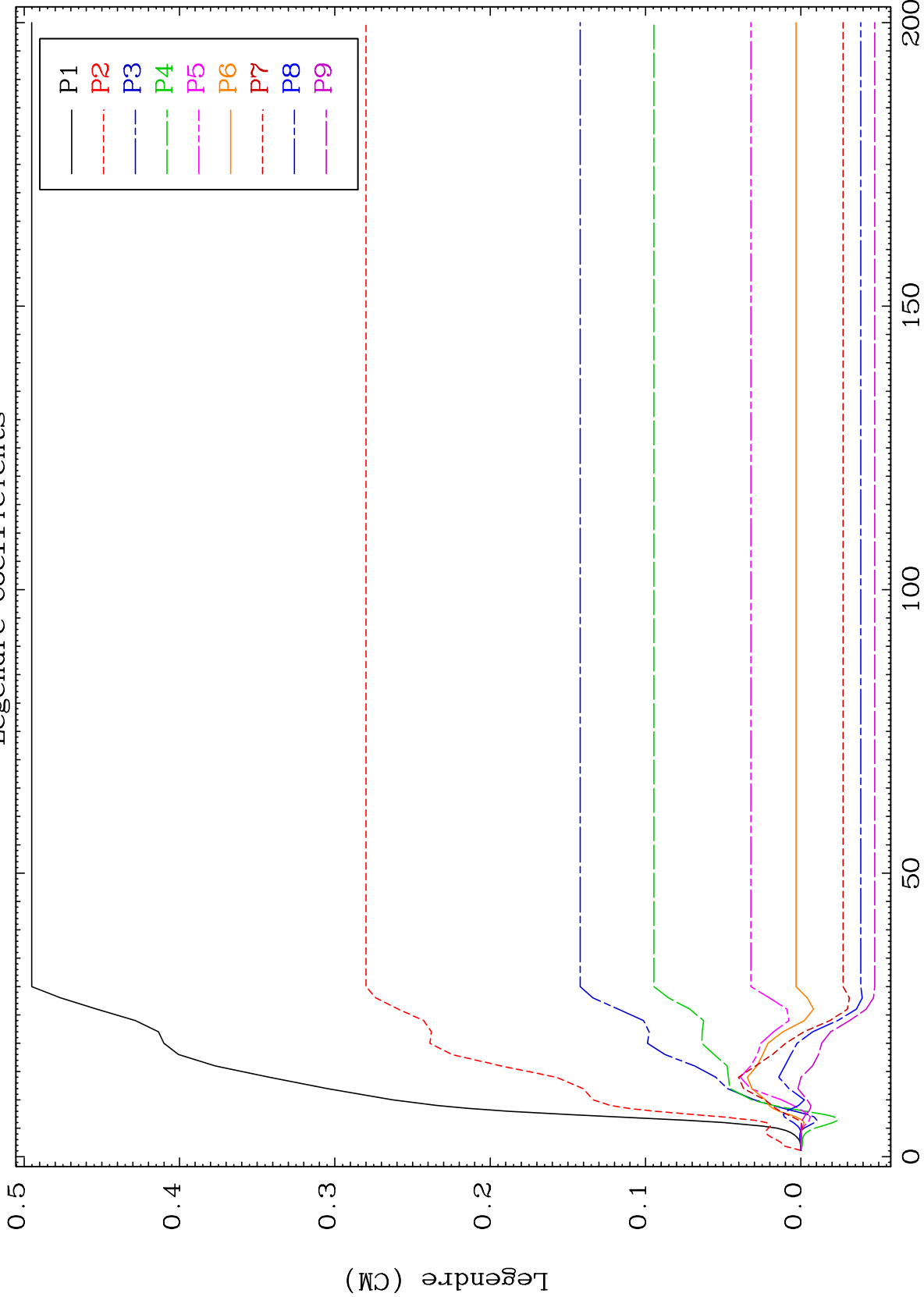


MAT 5137

MT= 54 (n,n') Level

51-Sb-125

Legendre Coefficients



32

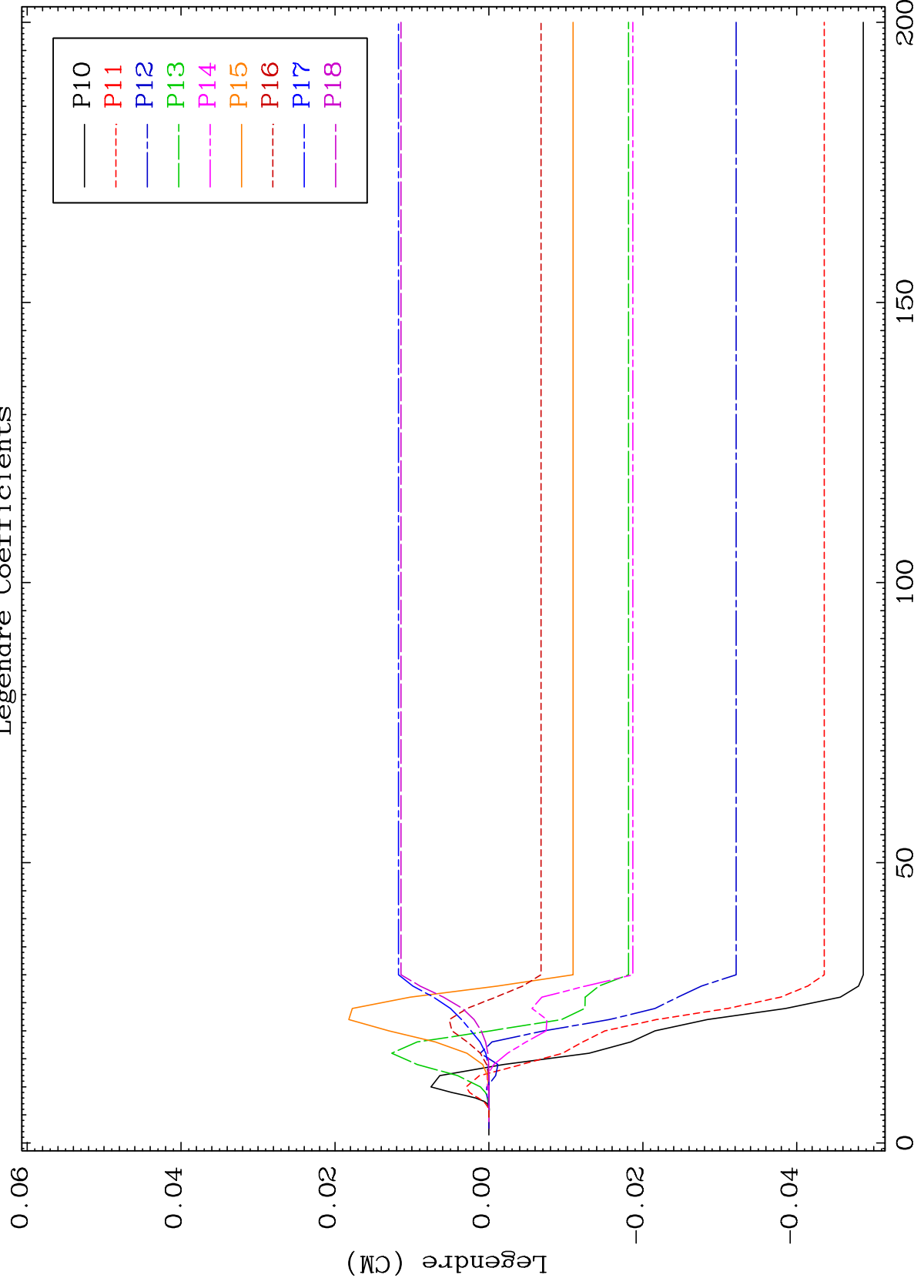
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

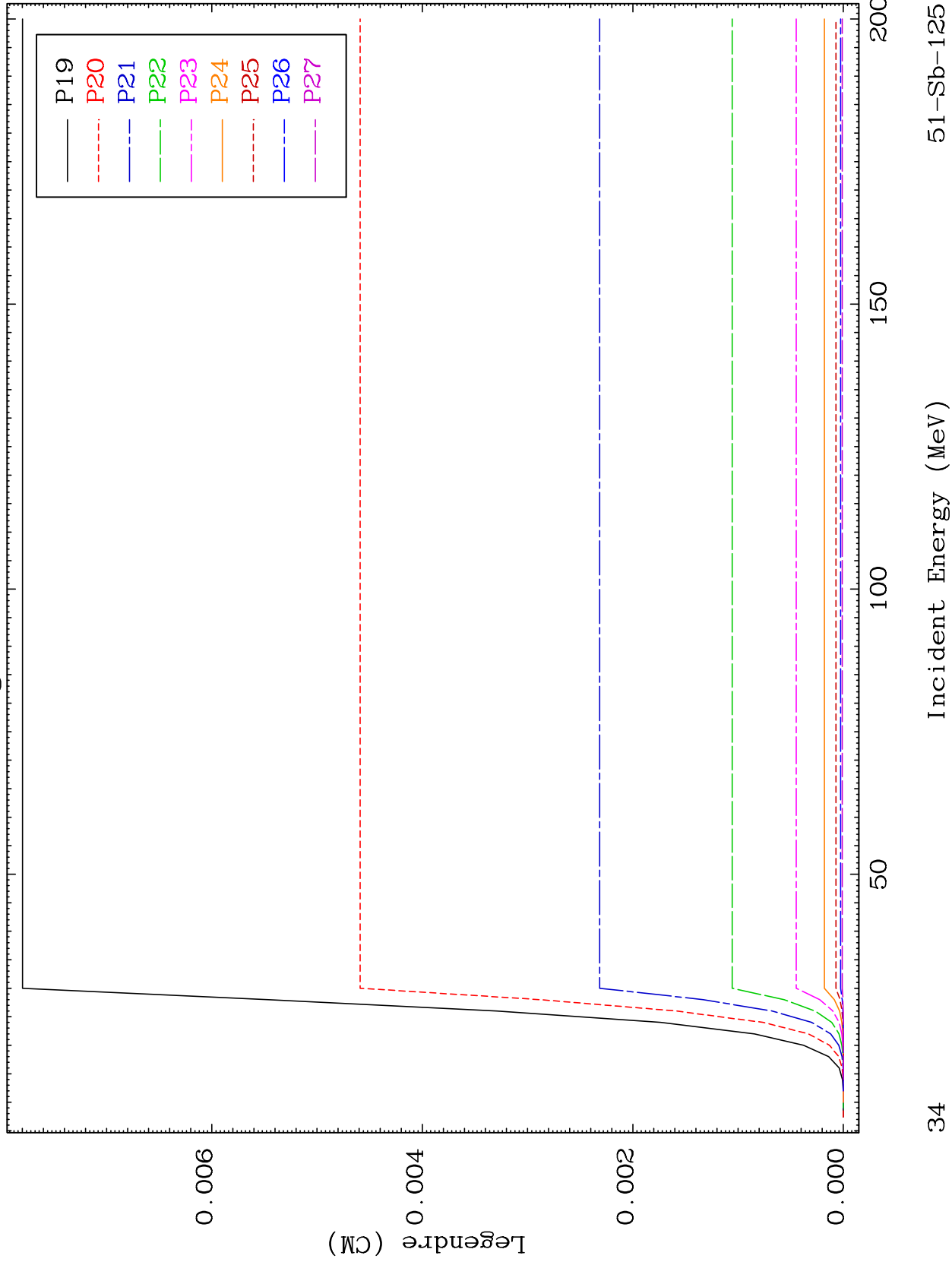
51-Sb-125



MAT 5137

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

51-Sb-125



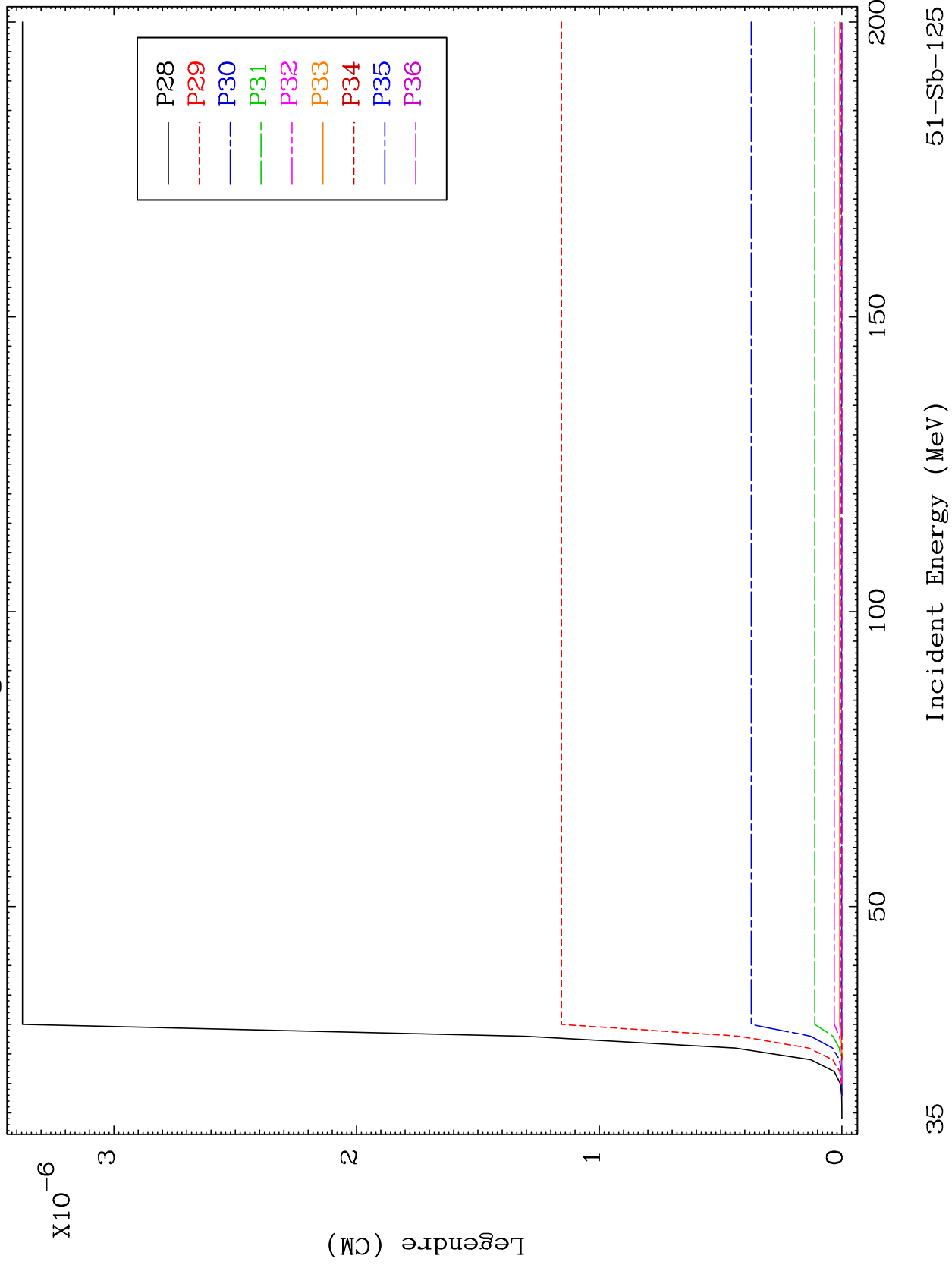
34

51-Sb-125

MAT 5137

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

51-Sb-125

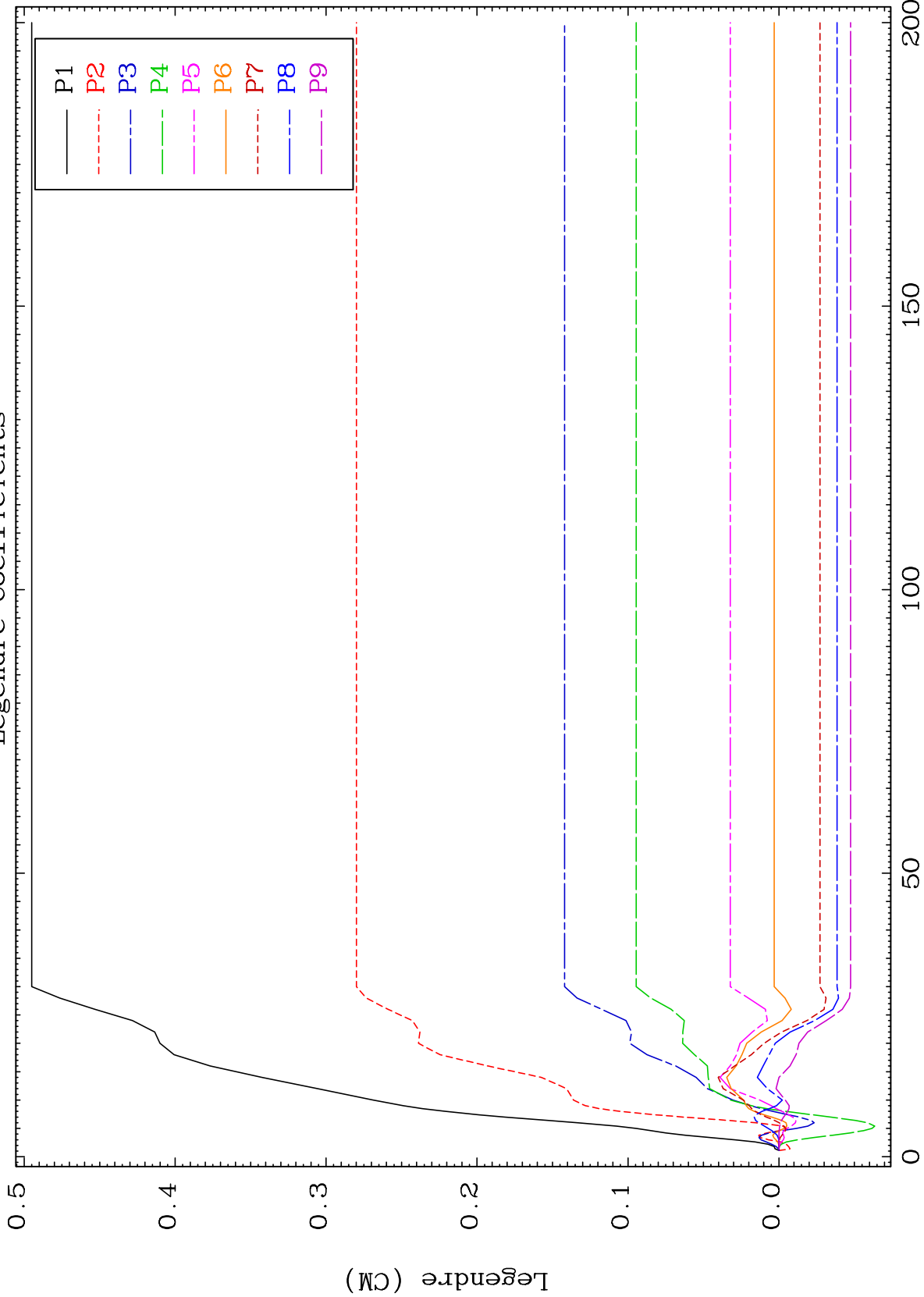


MAT 5137

MT= 55 (n,n') Level

51-Sb-125

Legendre Coefficients



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Incident Energy (MeV)

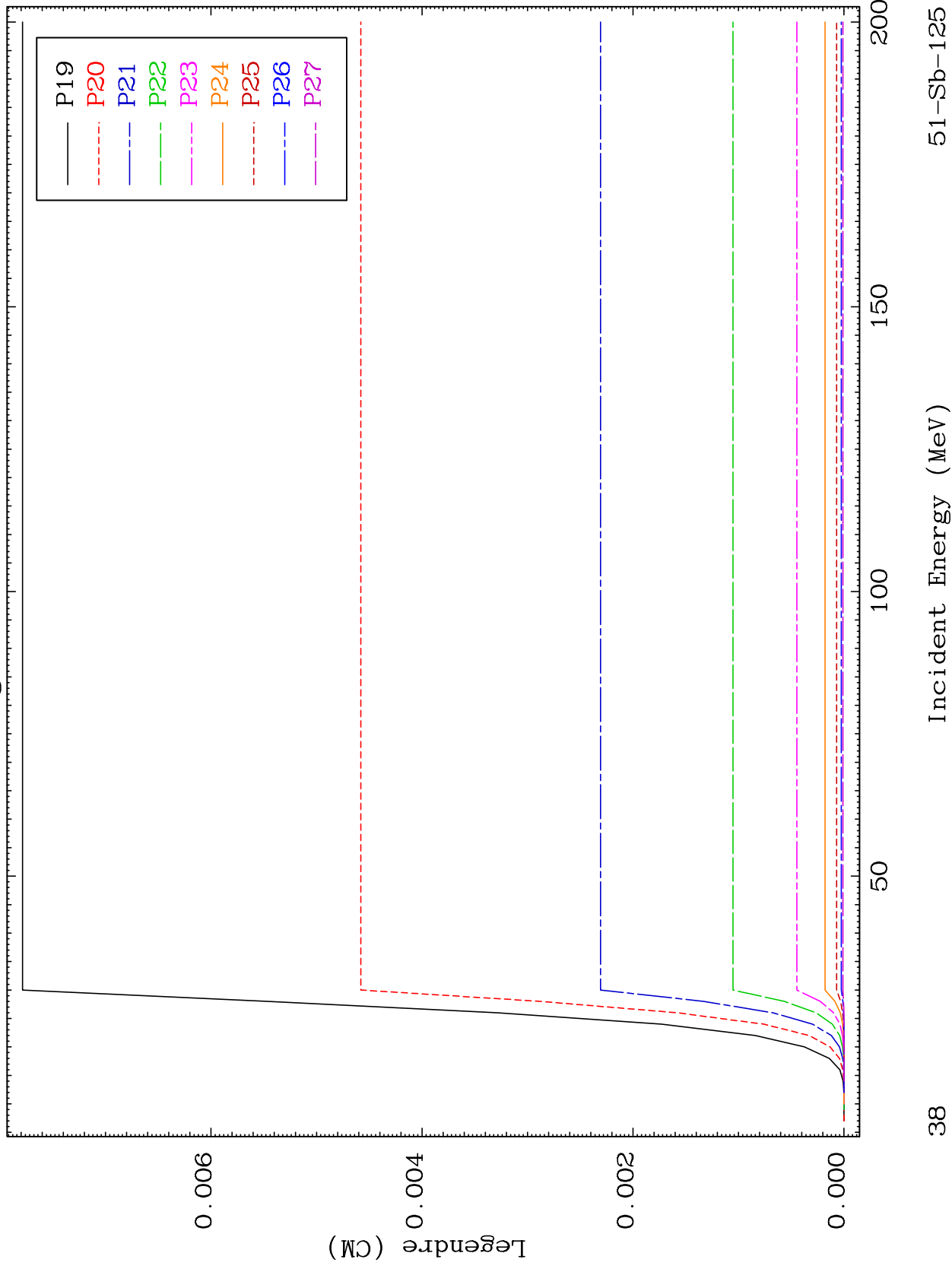
51-Sb-125



MAT 5137

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

51-Sb-125



38

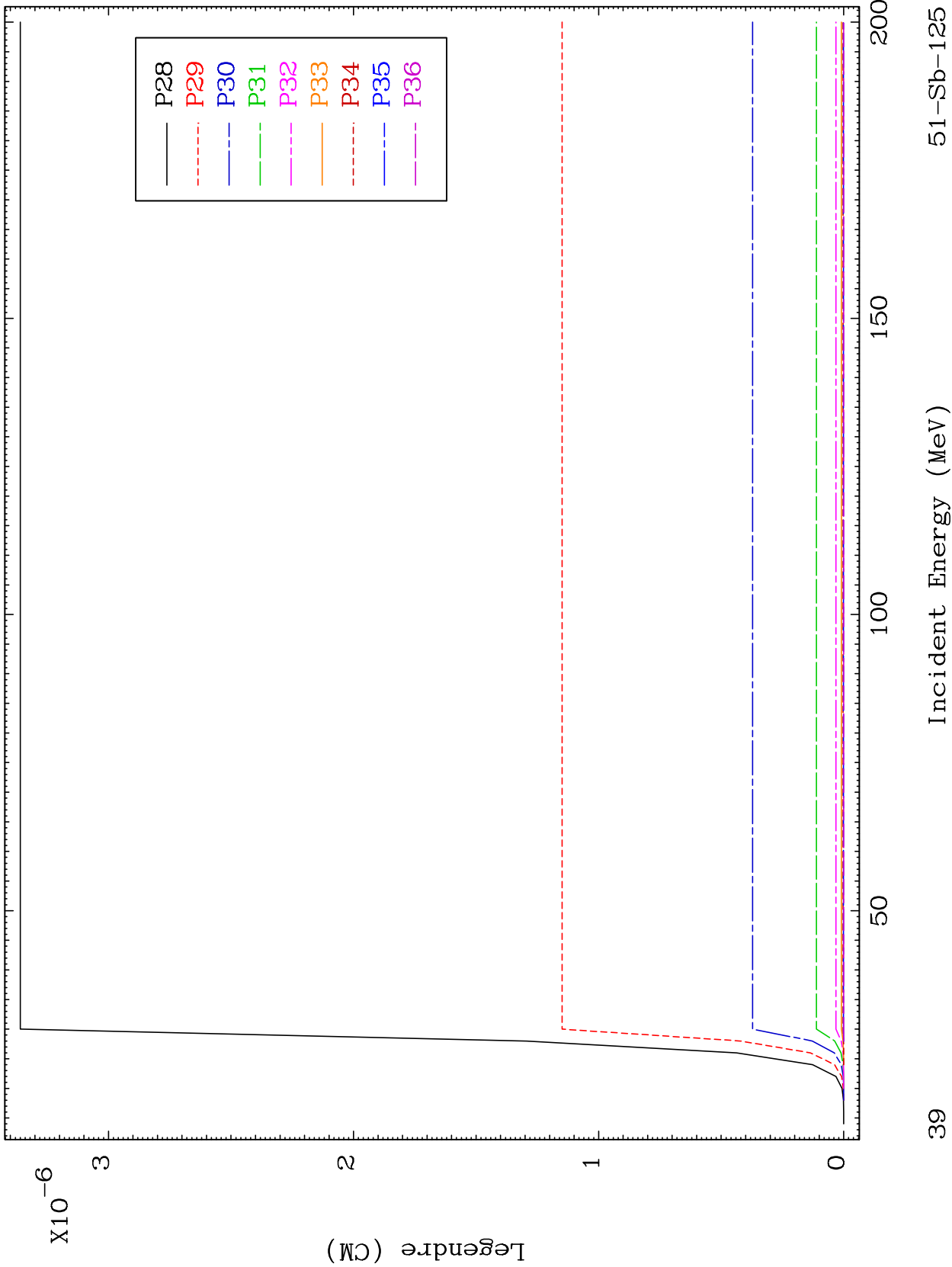
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



39

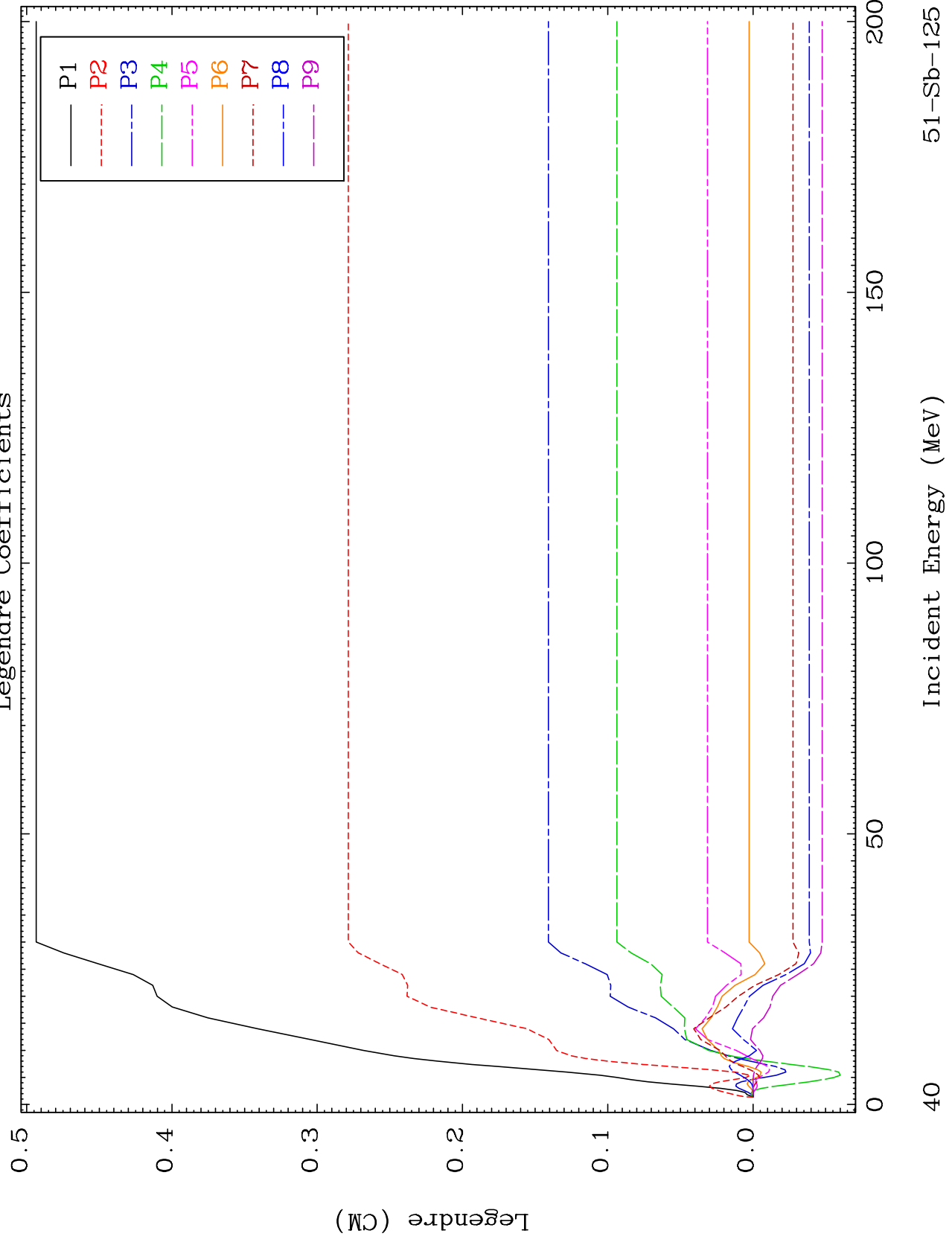
51-Sb-125



MAT 5137

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

51-Sb-125



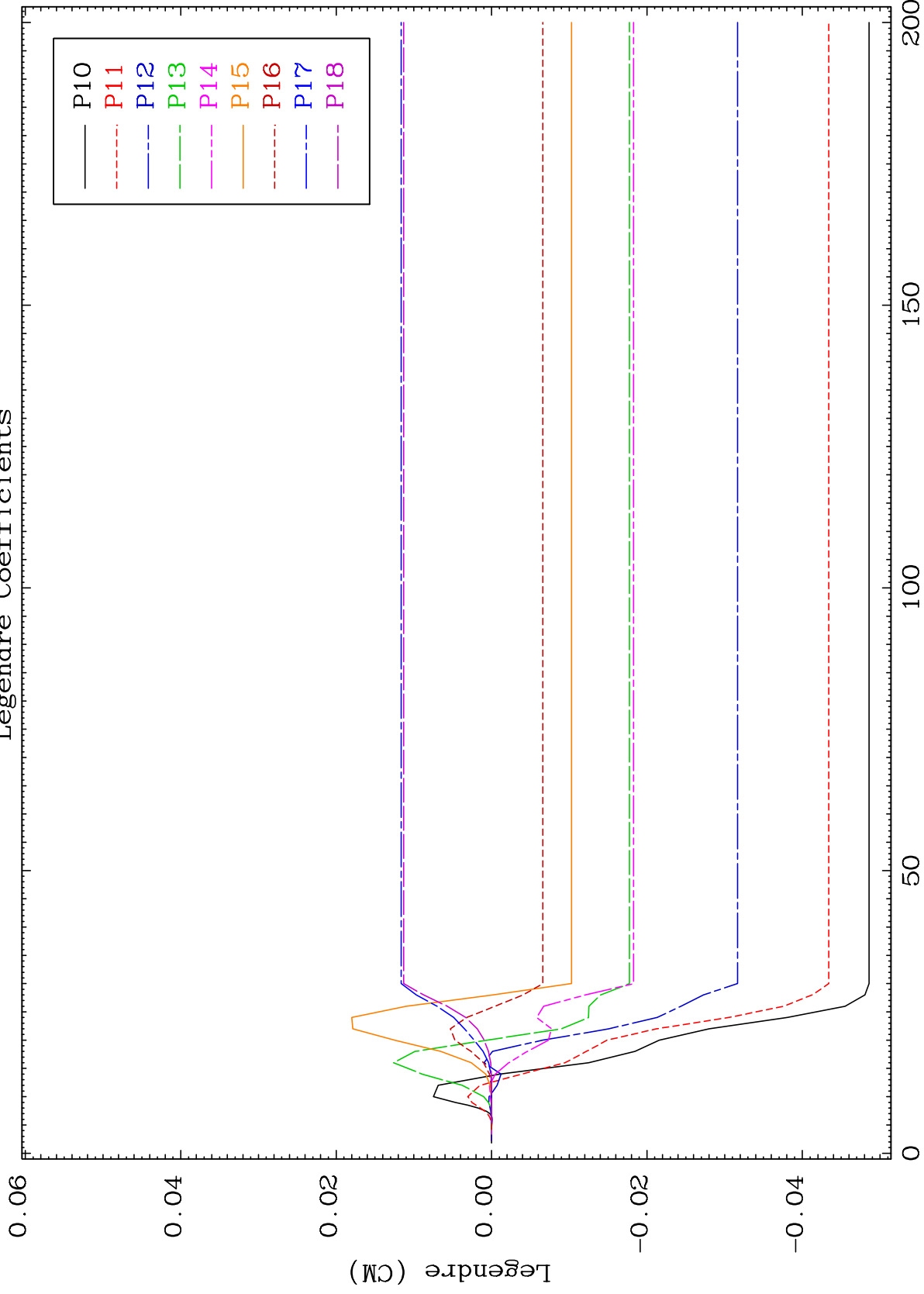
51-Sb-125

Incident Energy (MeV)

MAT 5137

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

51-Sb-125



41

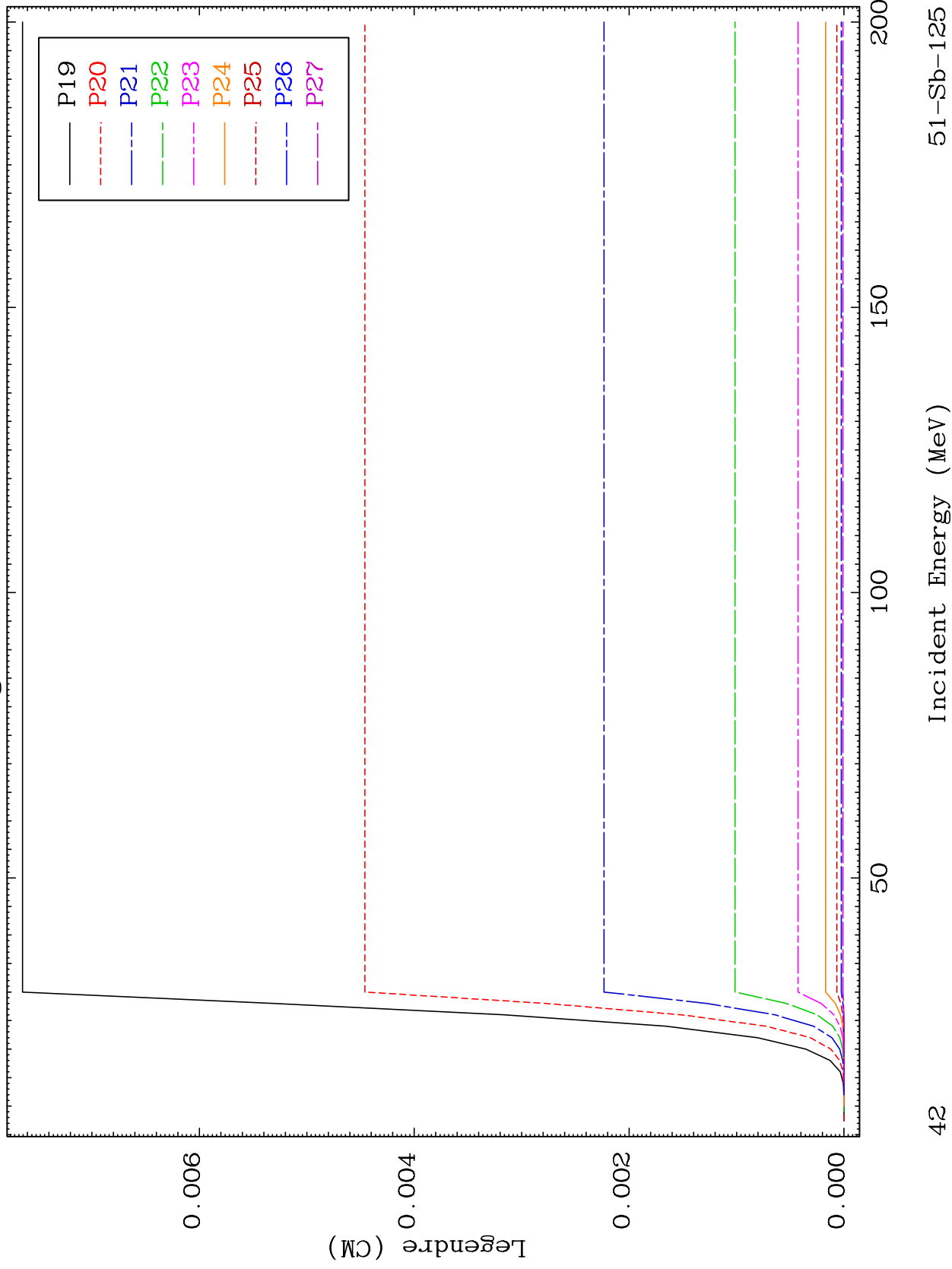
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



42

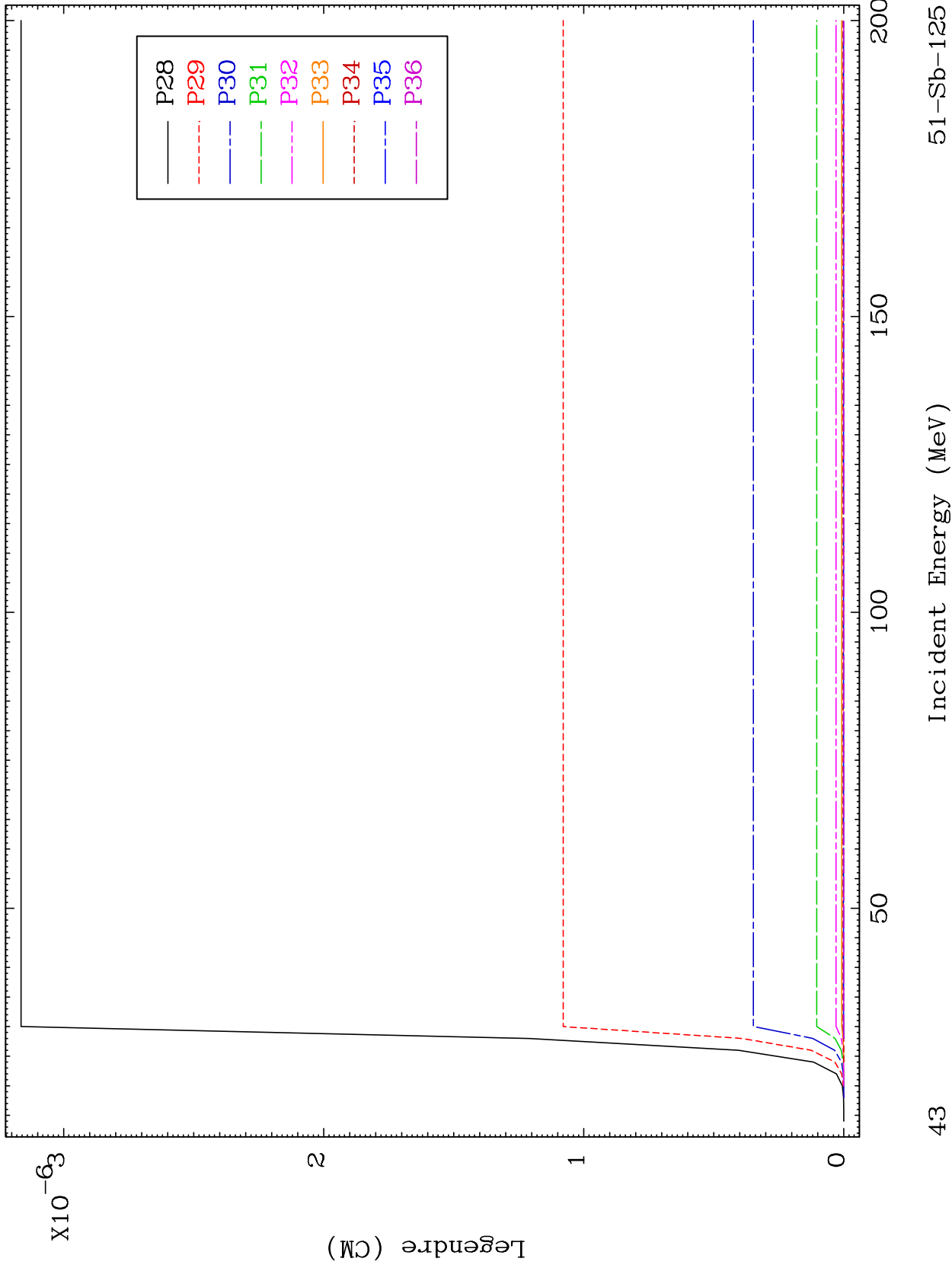
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



43

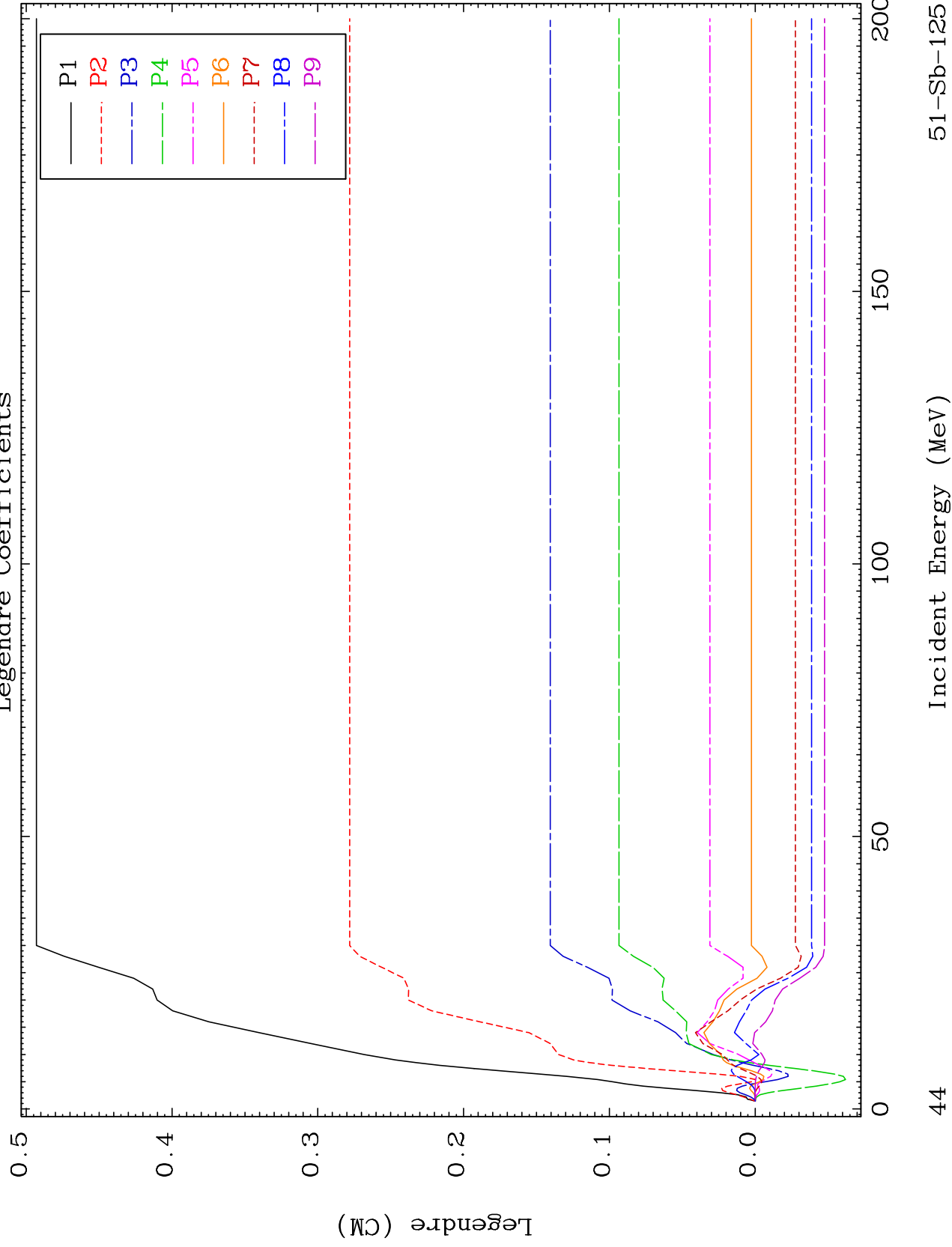
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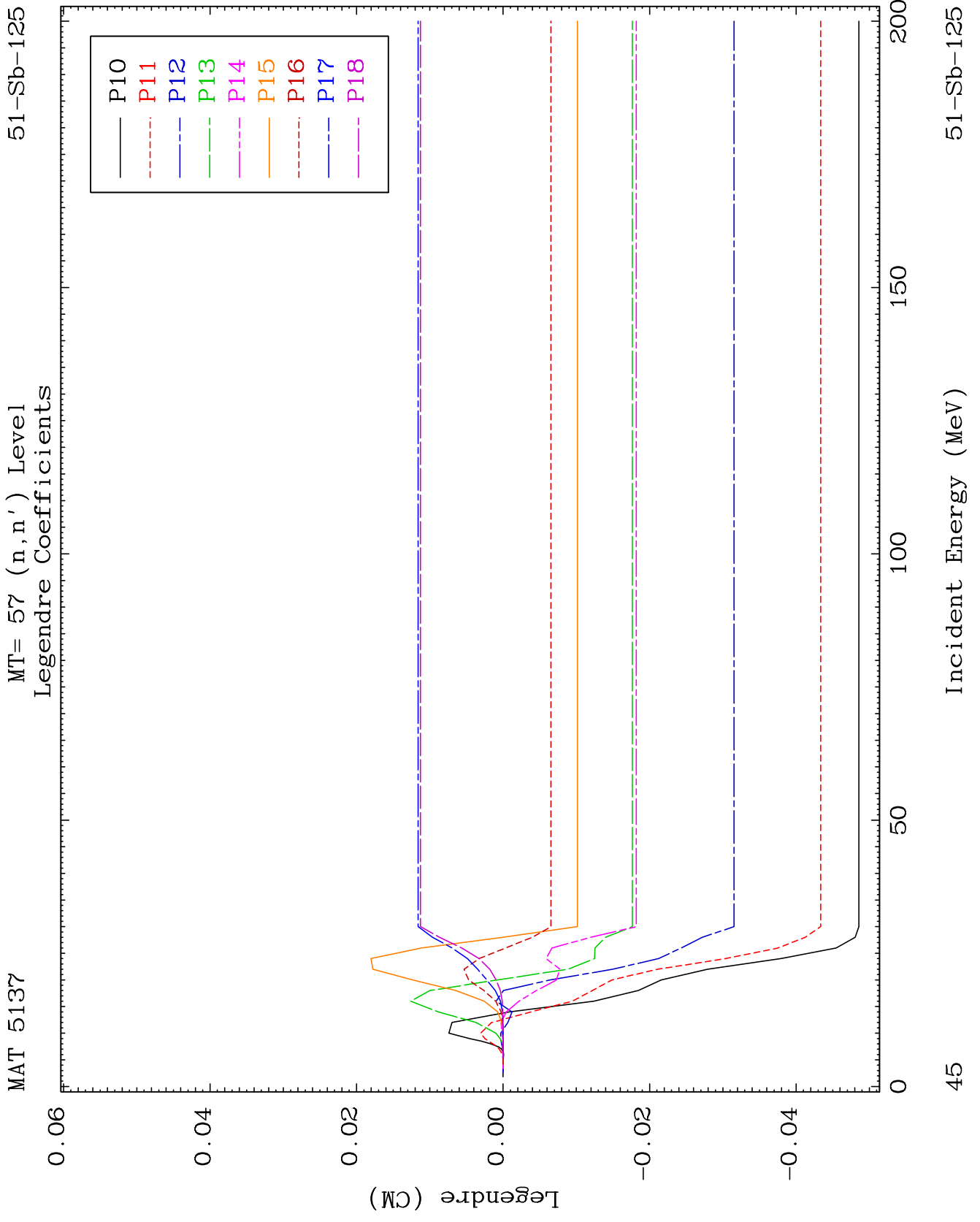
MAT 5137

MT= 57 (n,n') Level

51-Sb-125

Legendre Coefficients

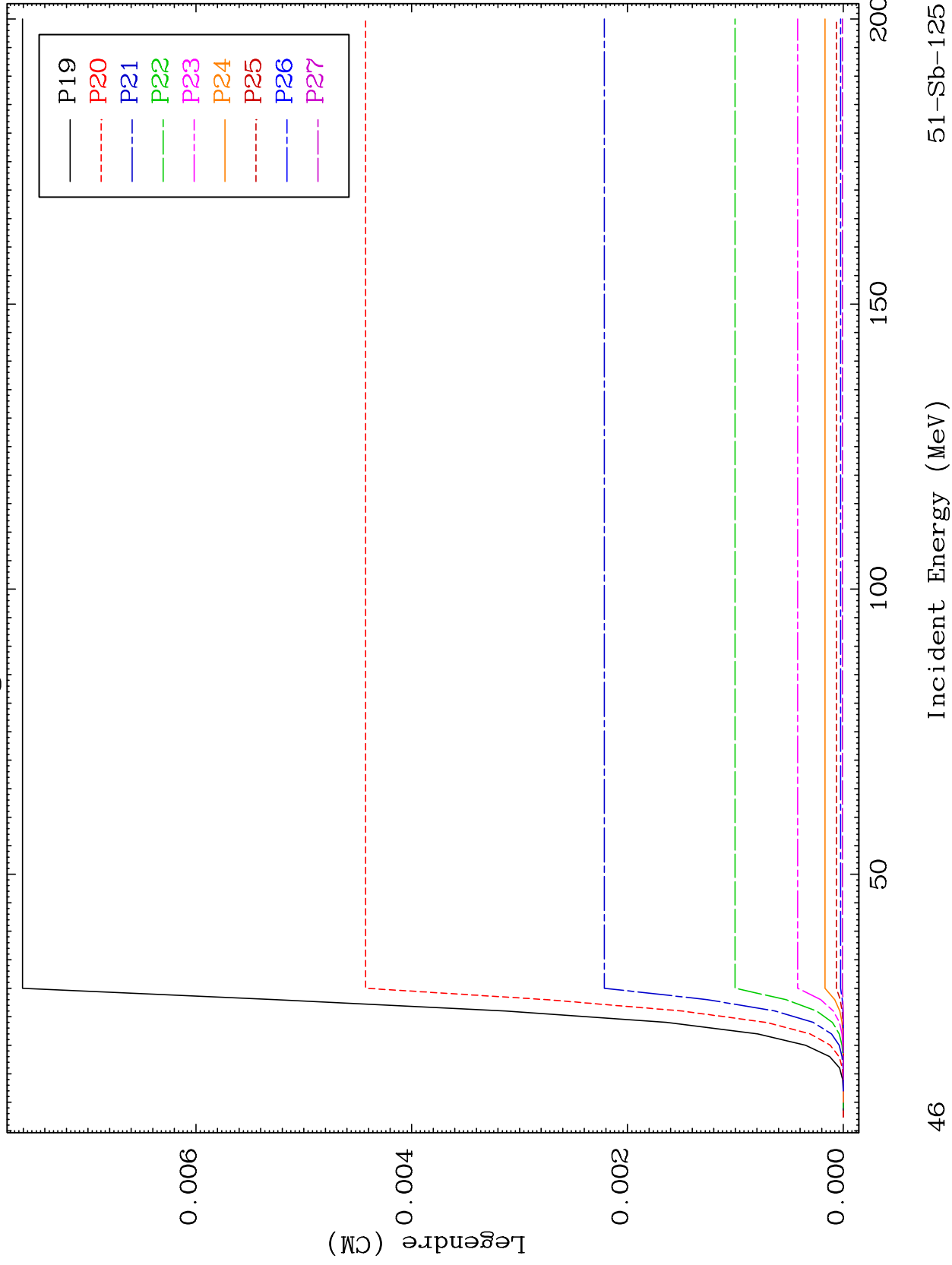




MAT 5137

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

51-Sb-125



46

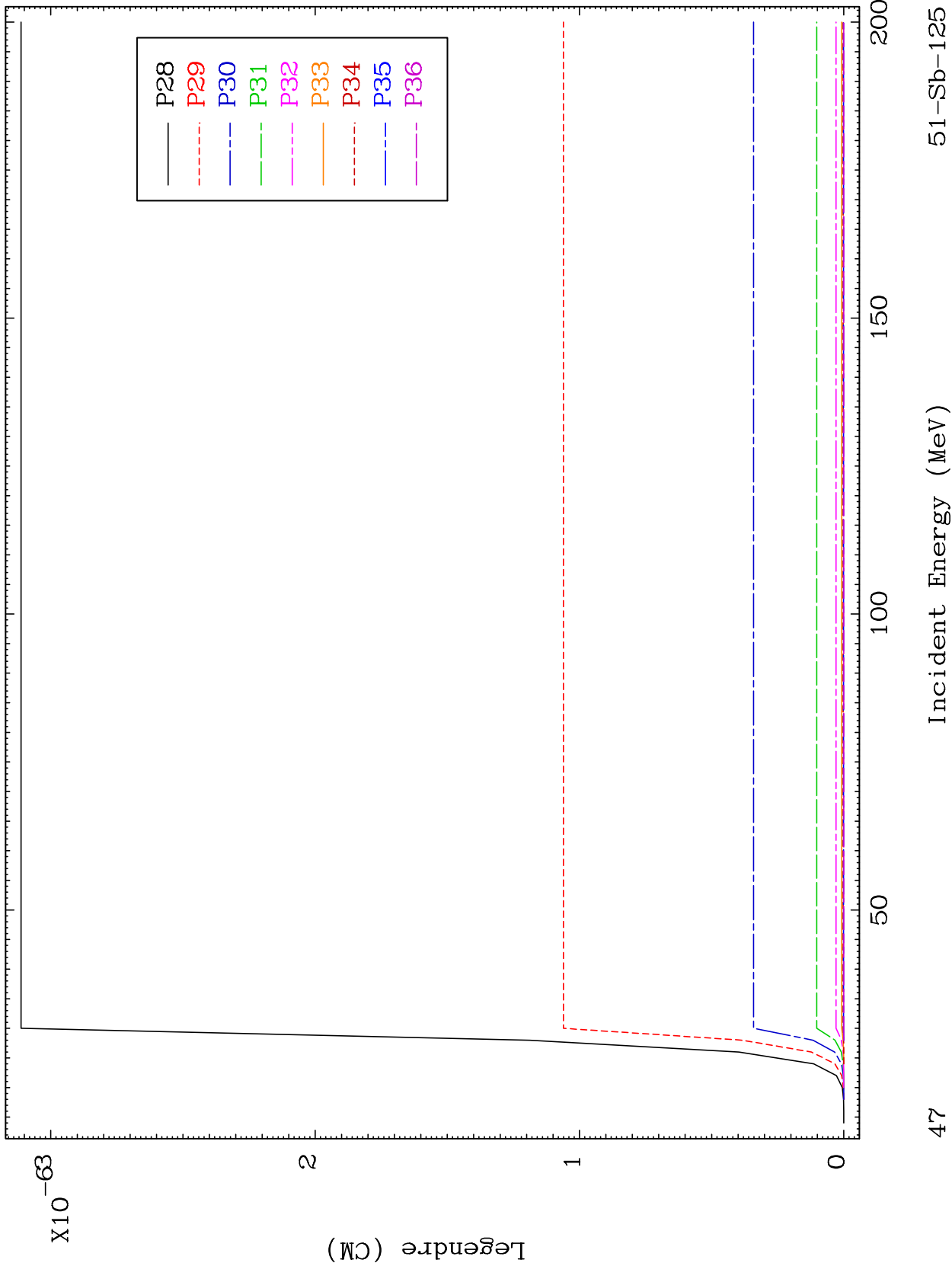
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

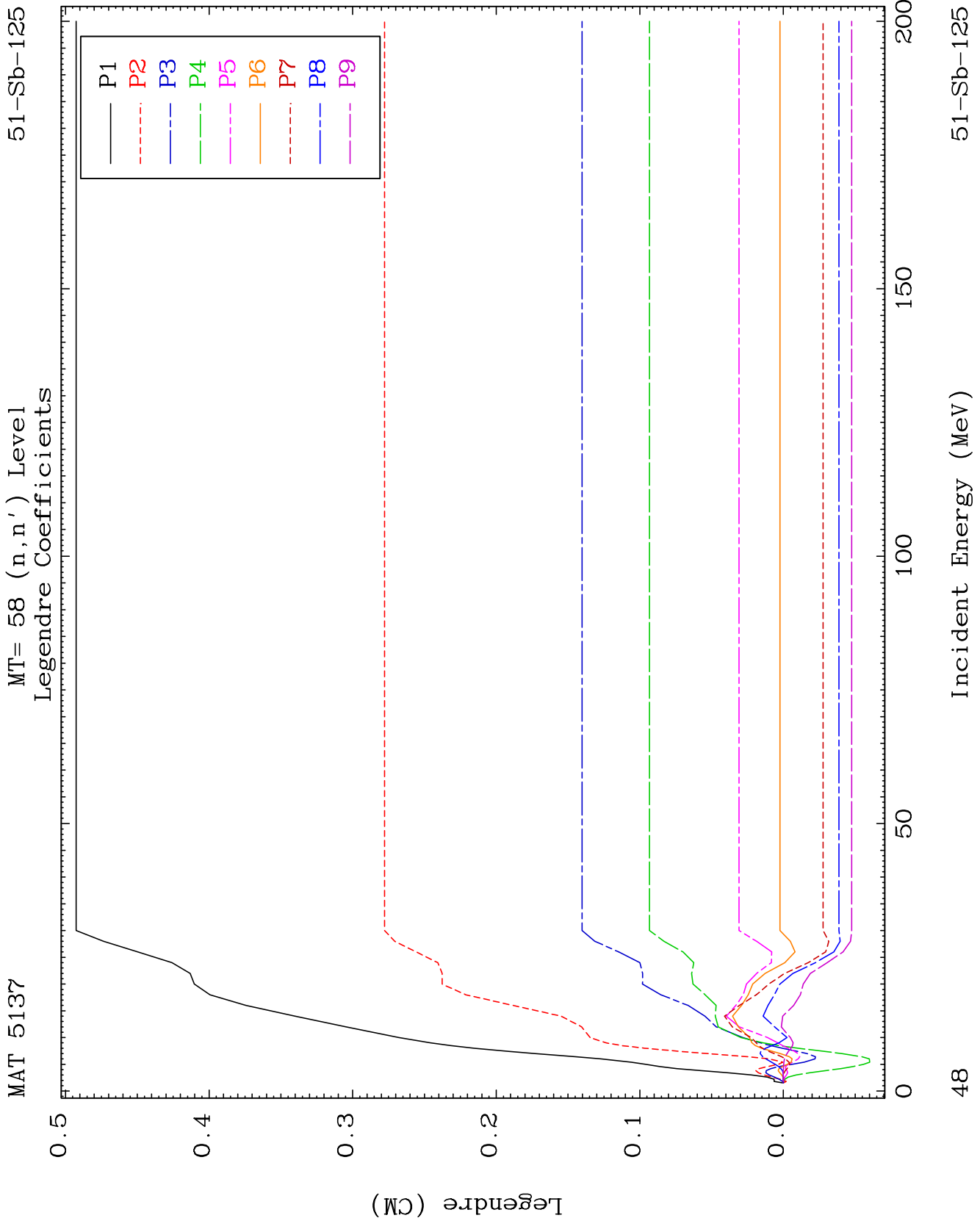
51-Sb-125



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51-Sb-125

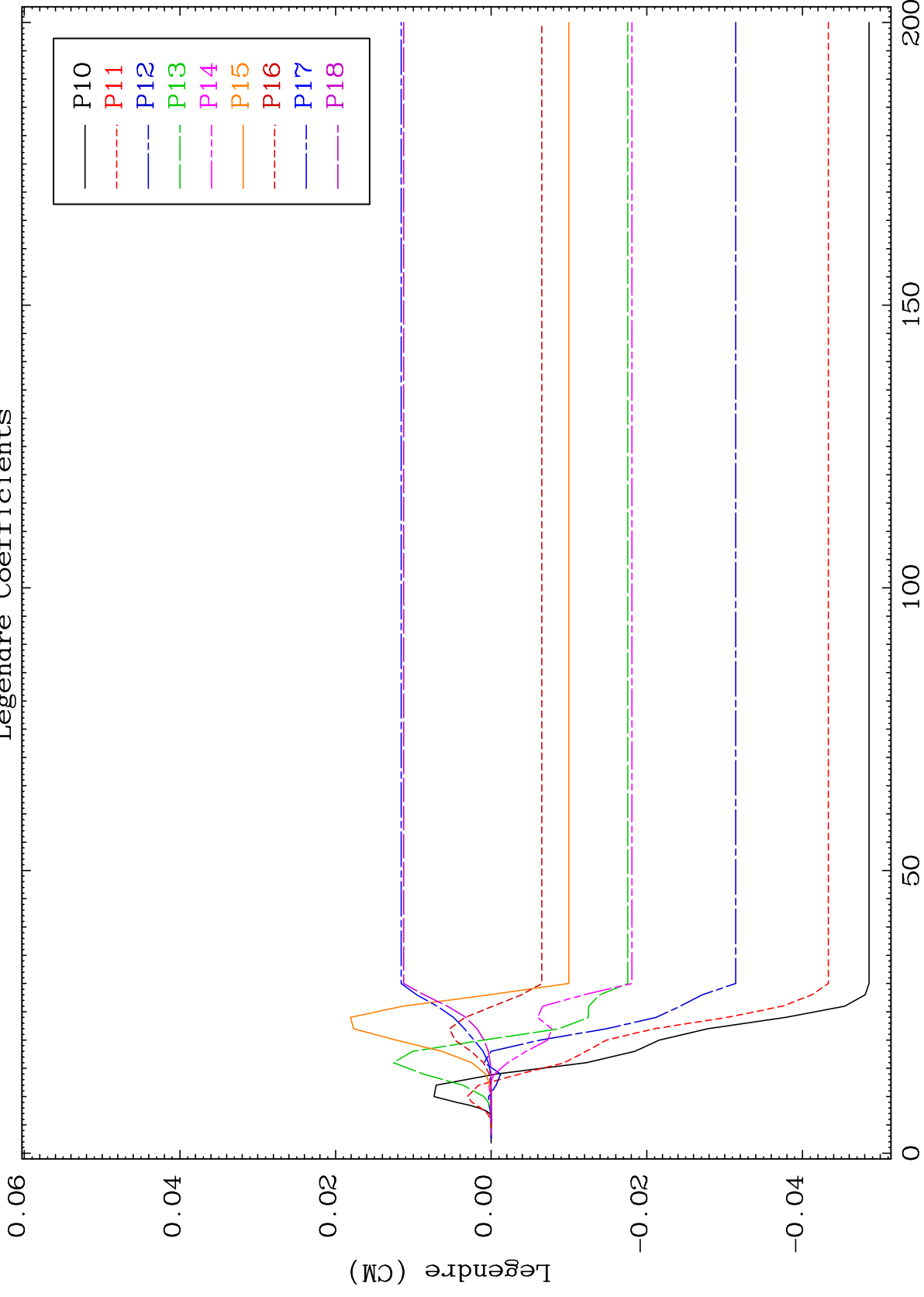




MAT 5137

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

51-Sb-125



49

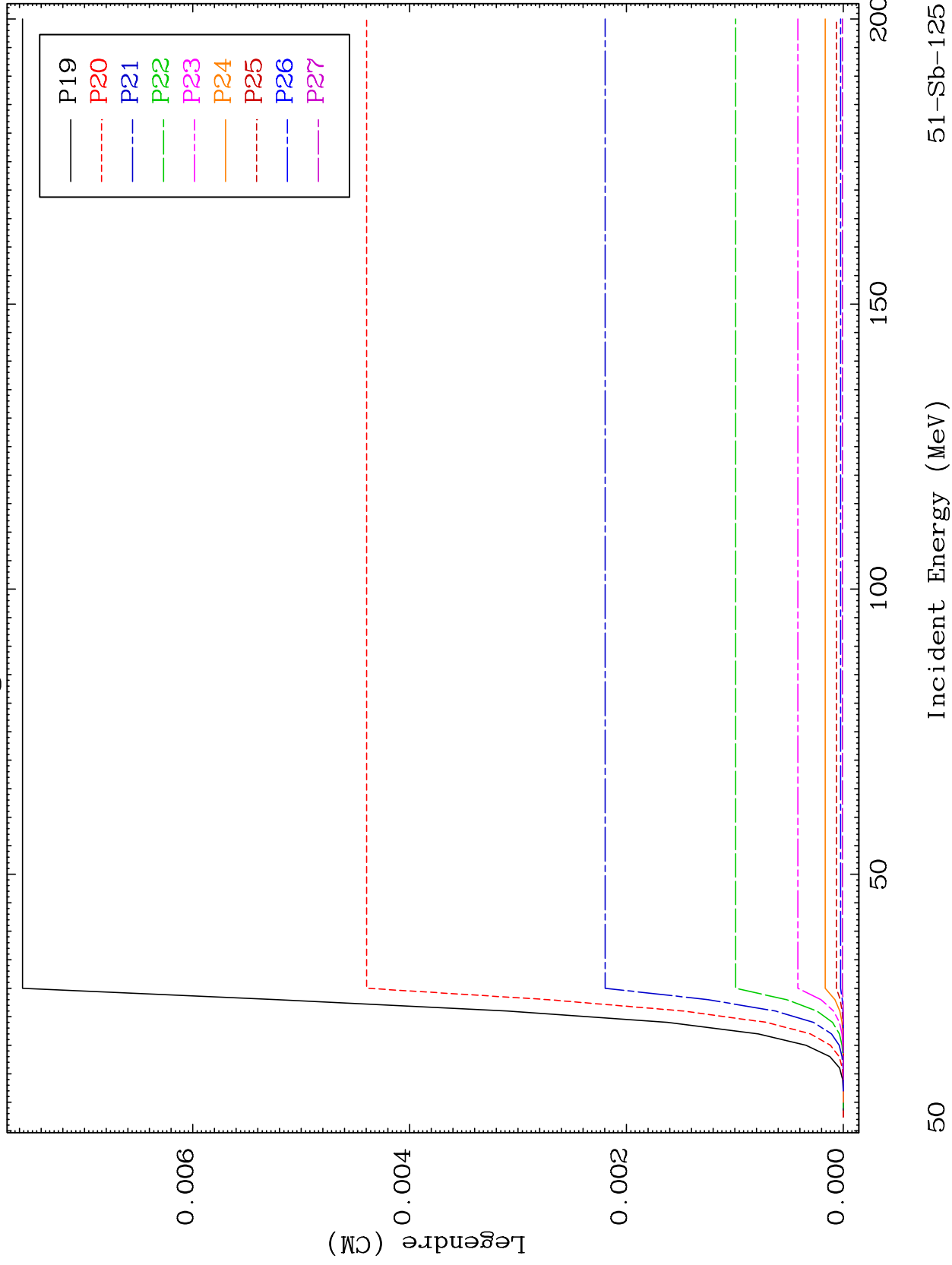
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

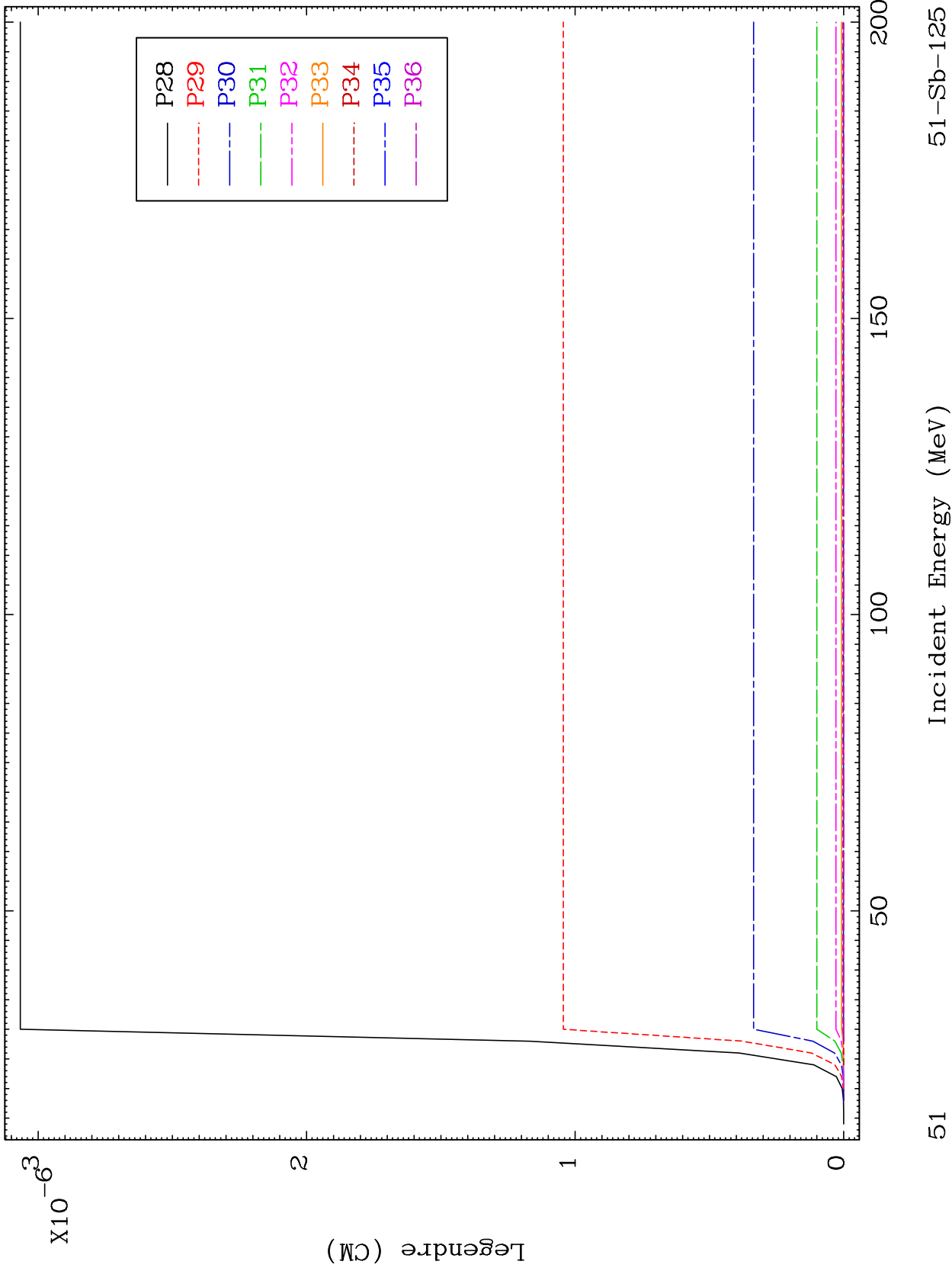
51-Sb-125



MAT 5137

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

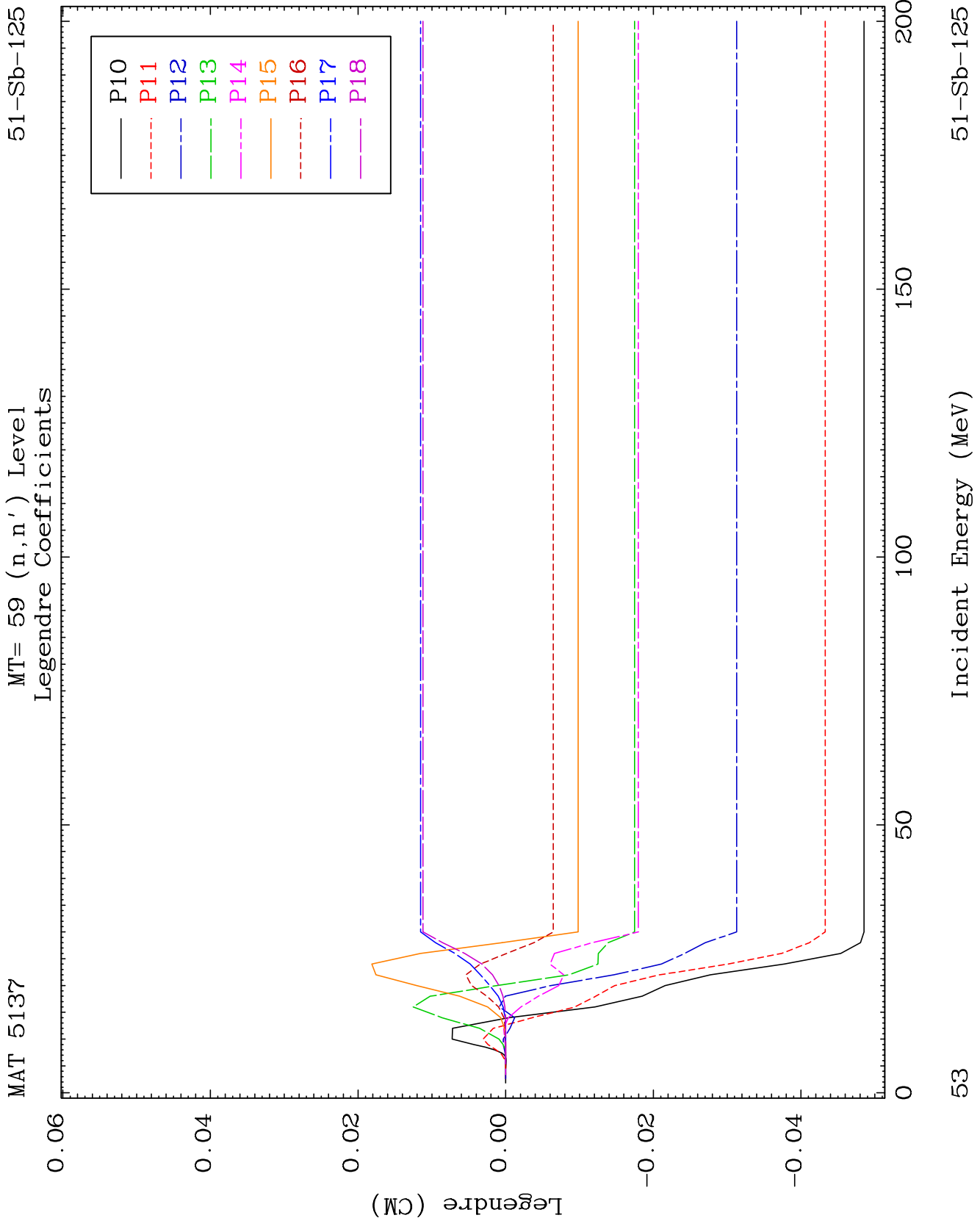
51-Sb-125



51

51-Sb-125

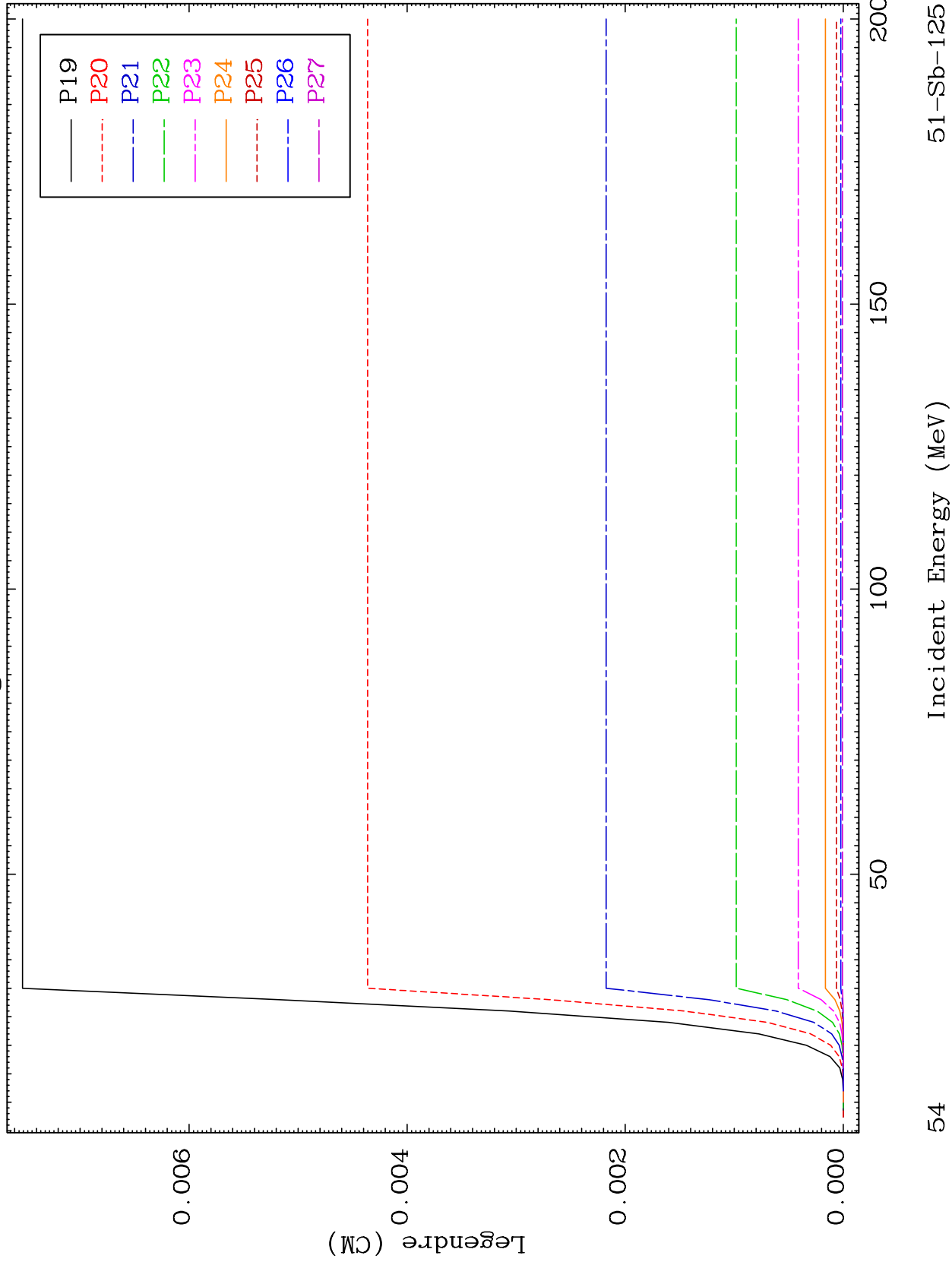




MAT 5137

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

51-Sb-125



54

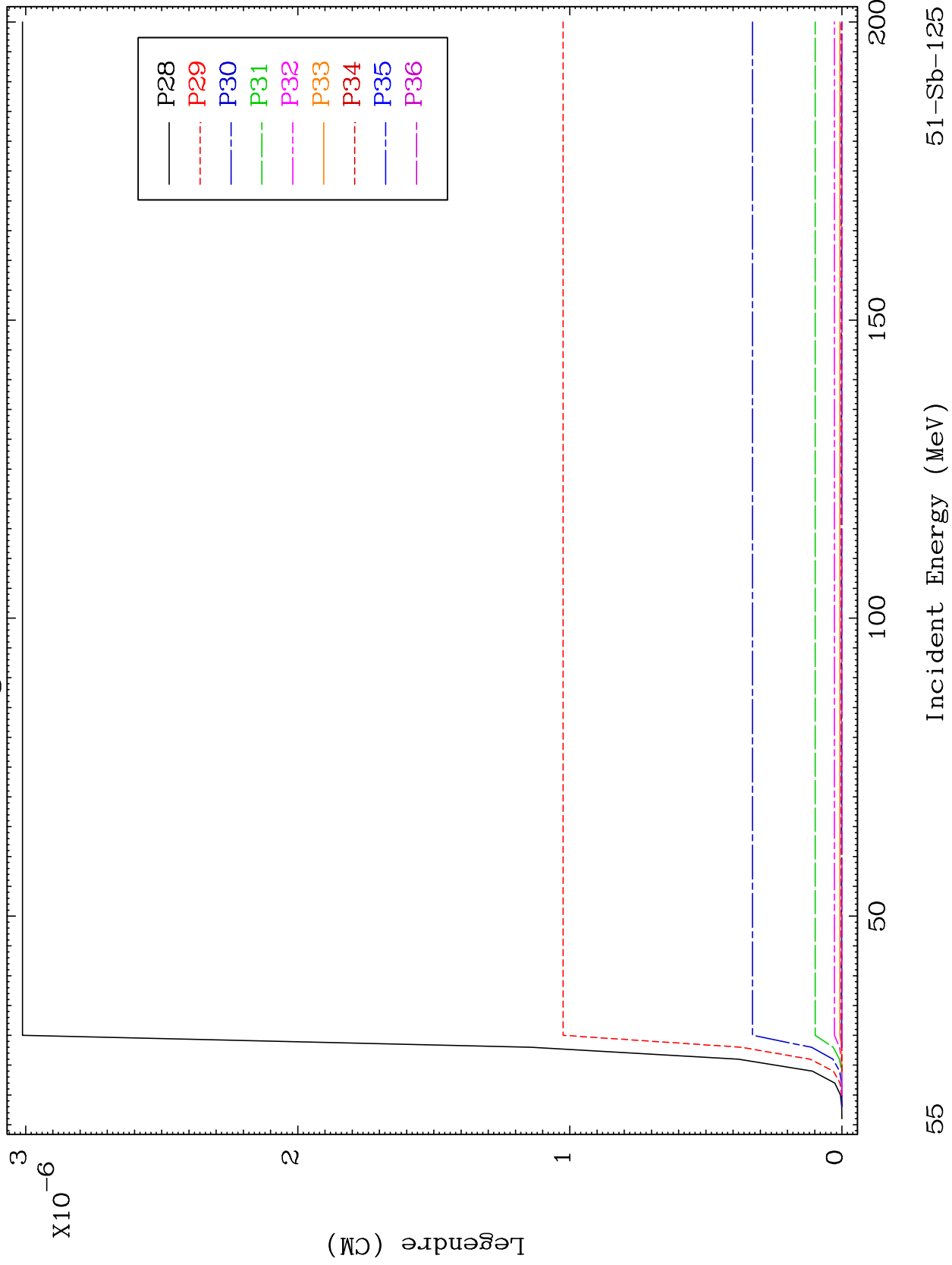
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

Incident Energy (MeV)

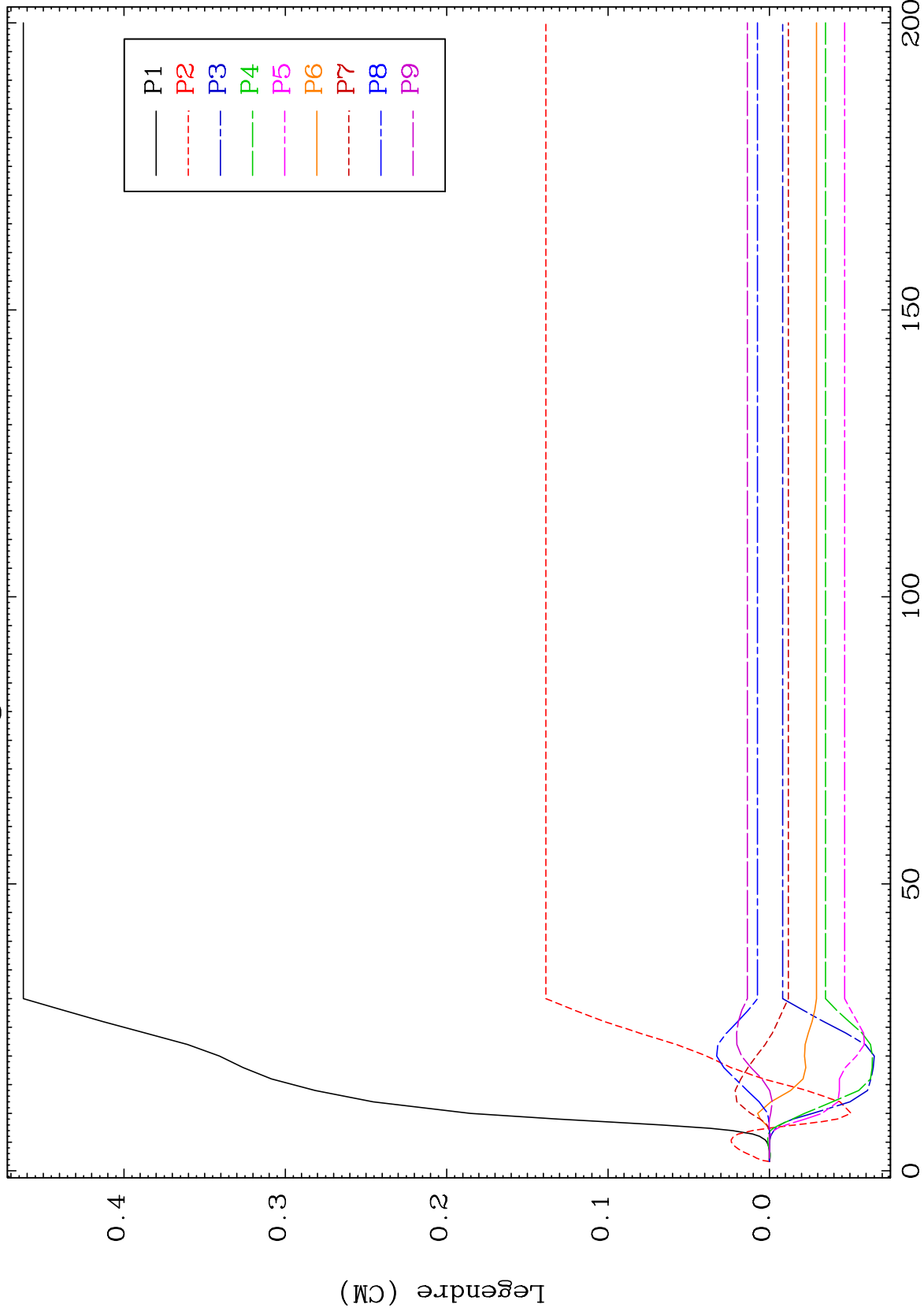
55



MAT 5137

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

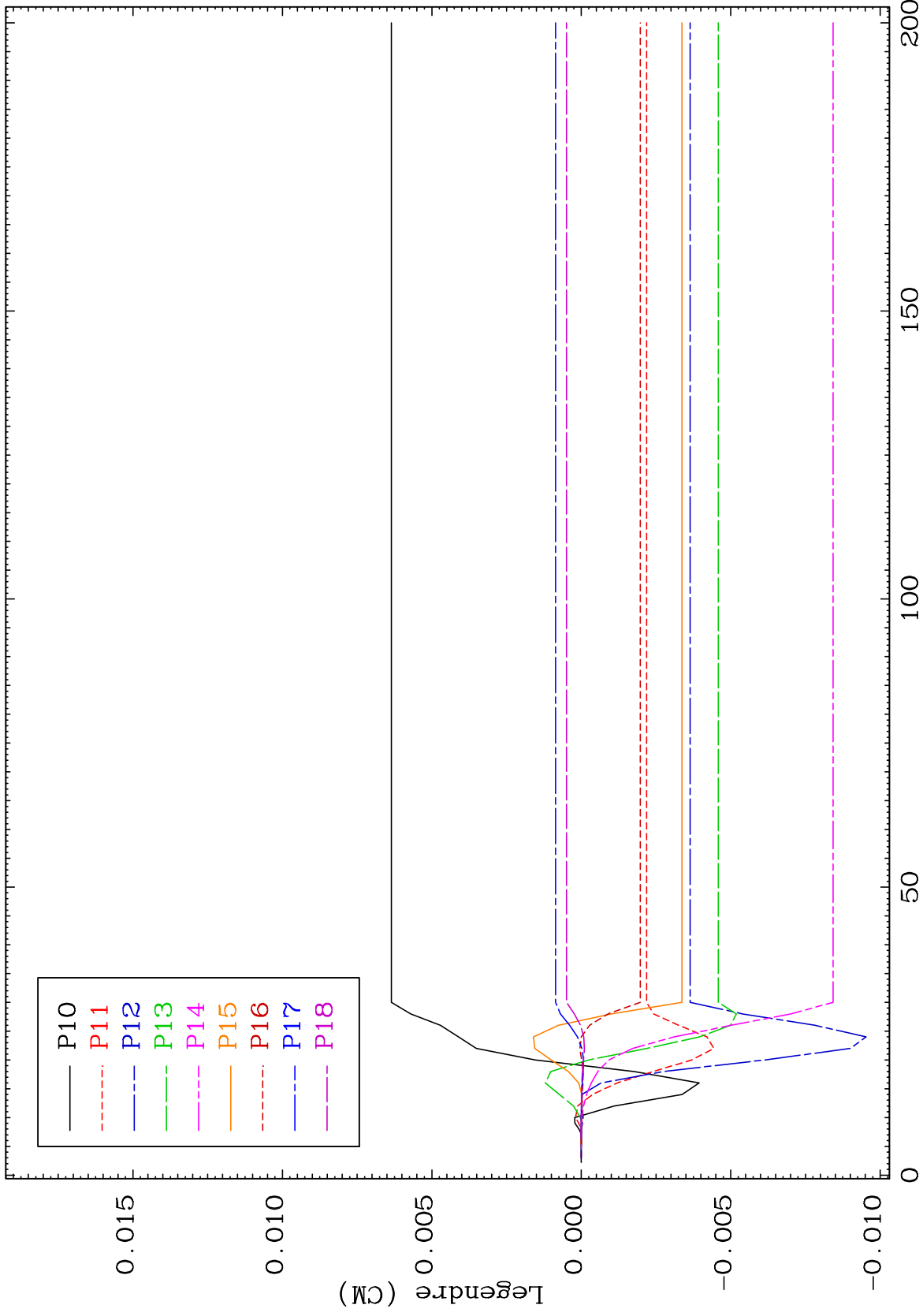
51-Sb-125

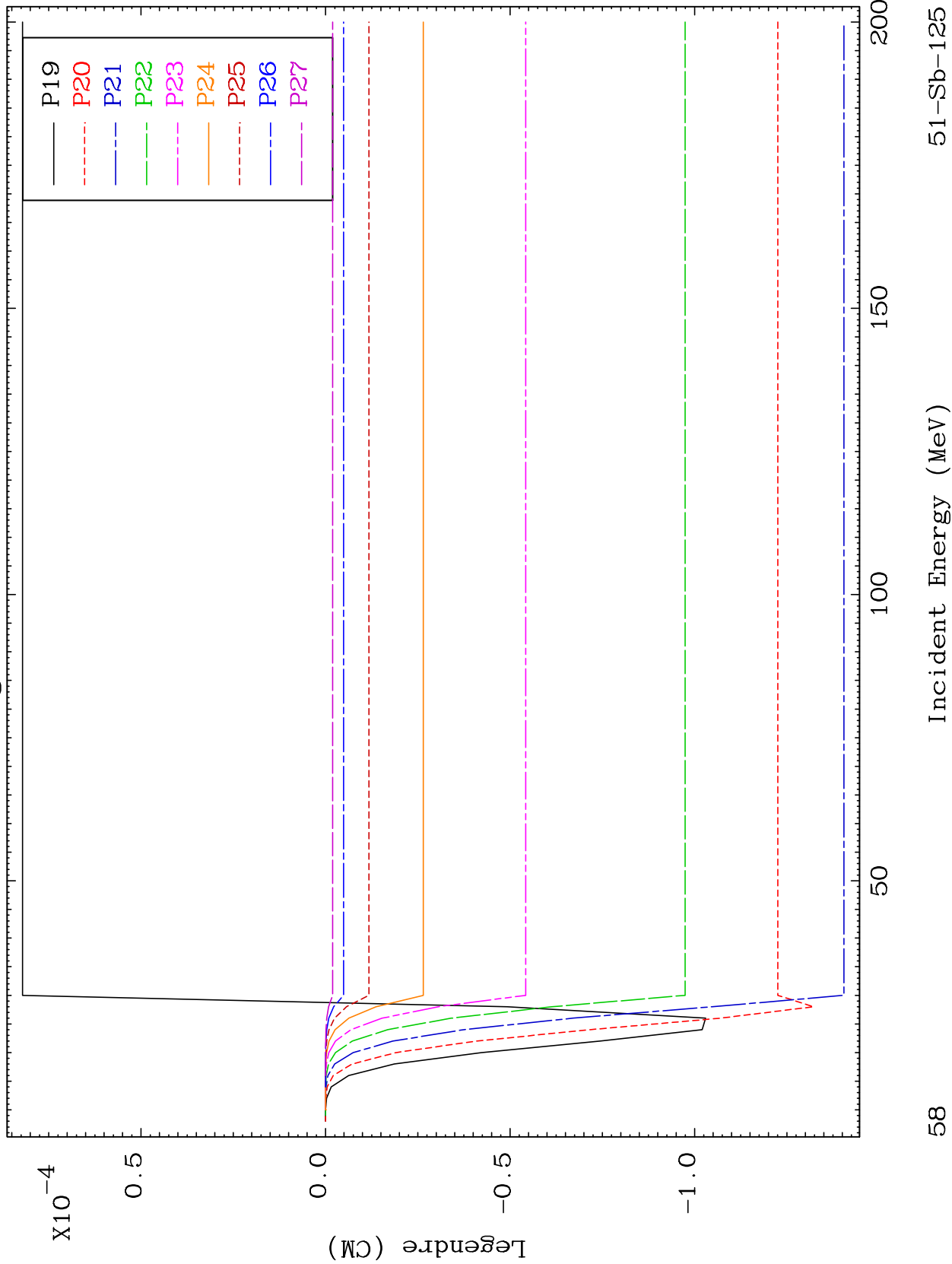


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Incident Energy (MeV)

51-Sb-125

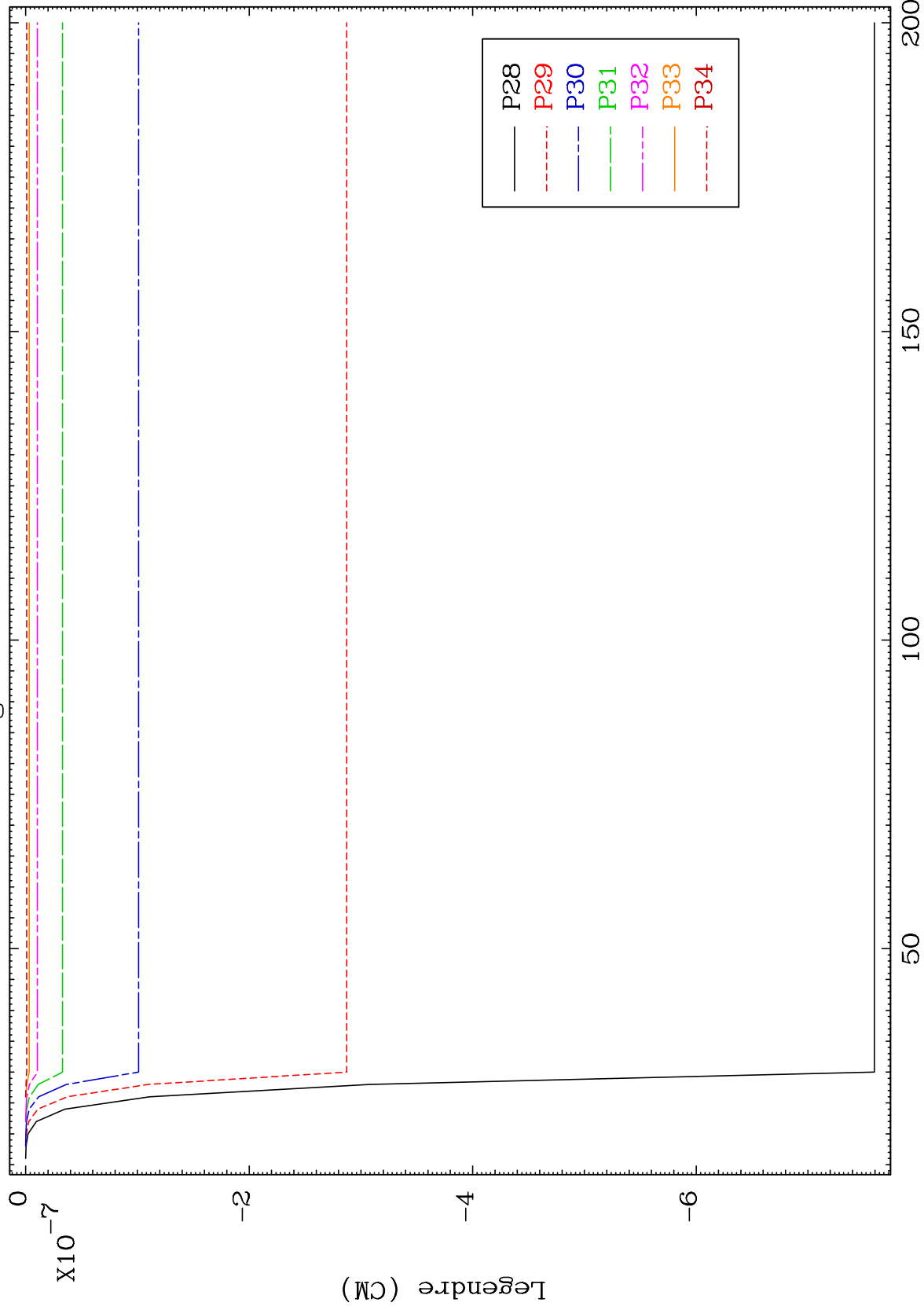




MAT 5137

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

51-Sb-125



59

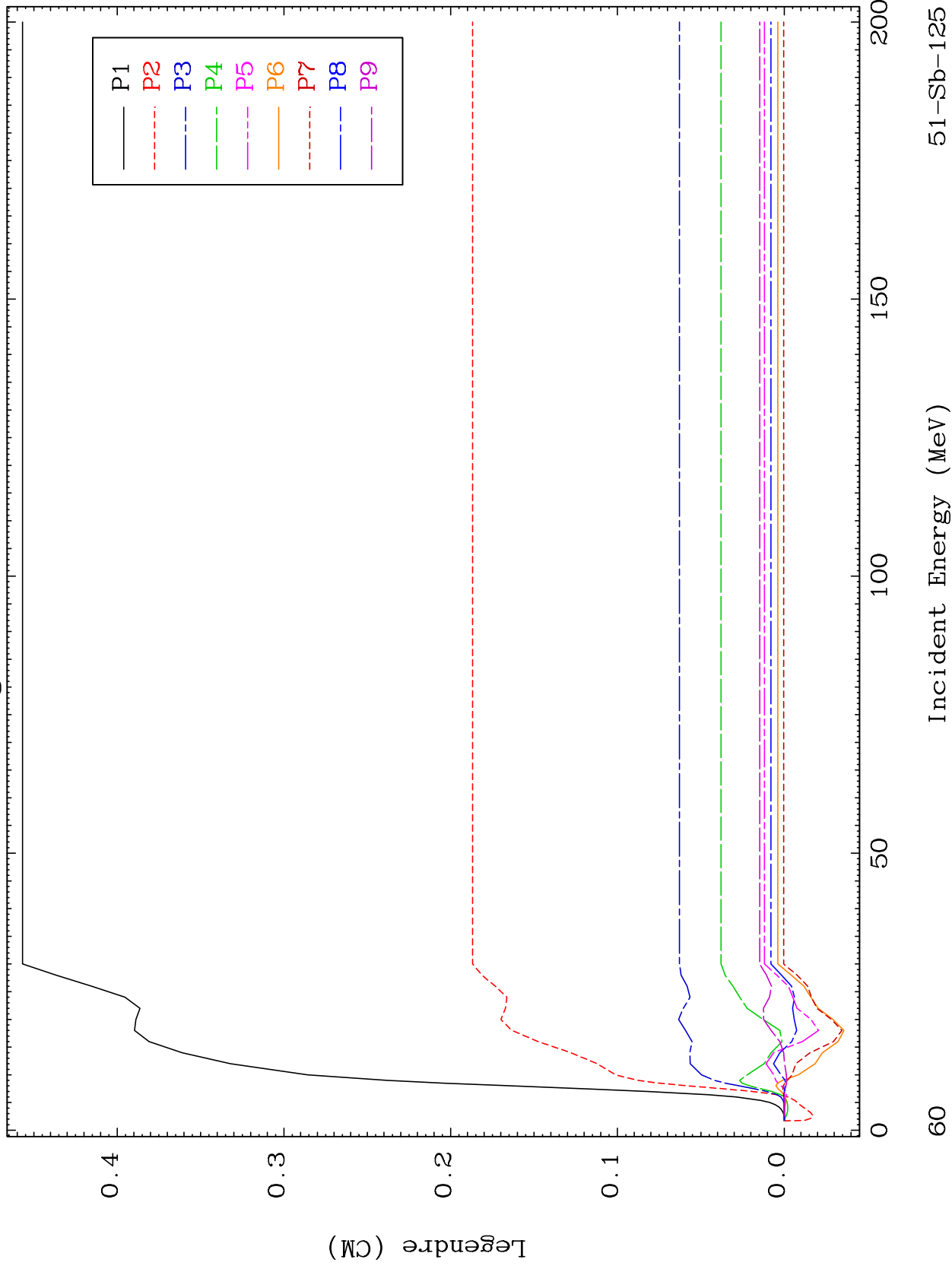
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



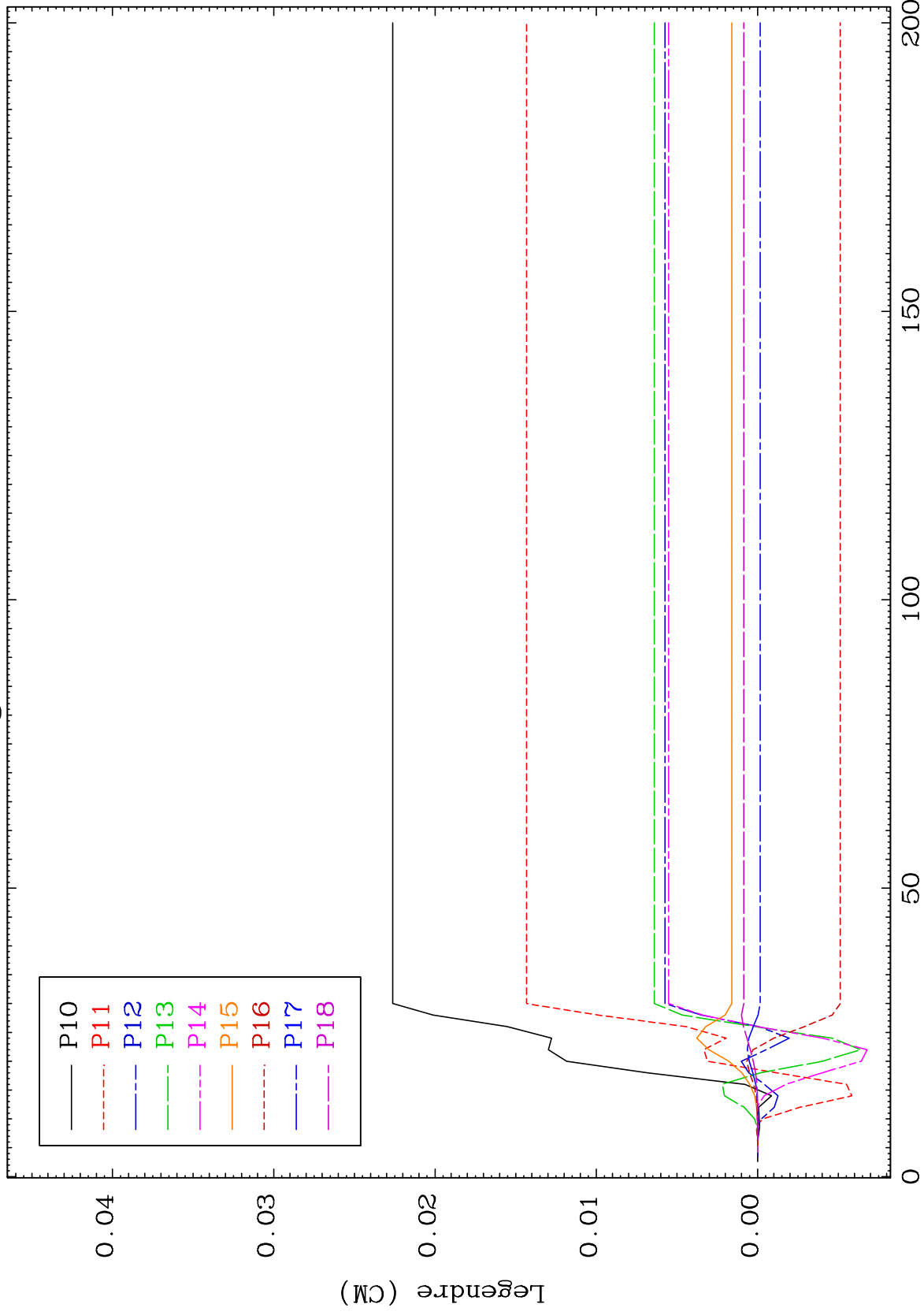
51-Sb-125

Incident Energy (MeV)

MAT 5137

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

51-Sb-125



61

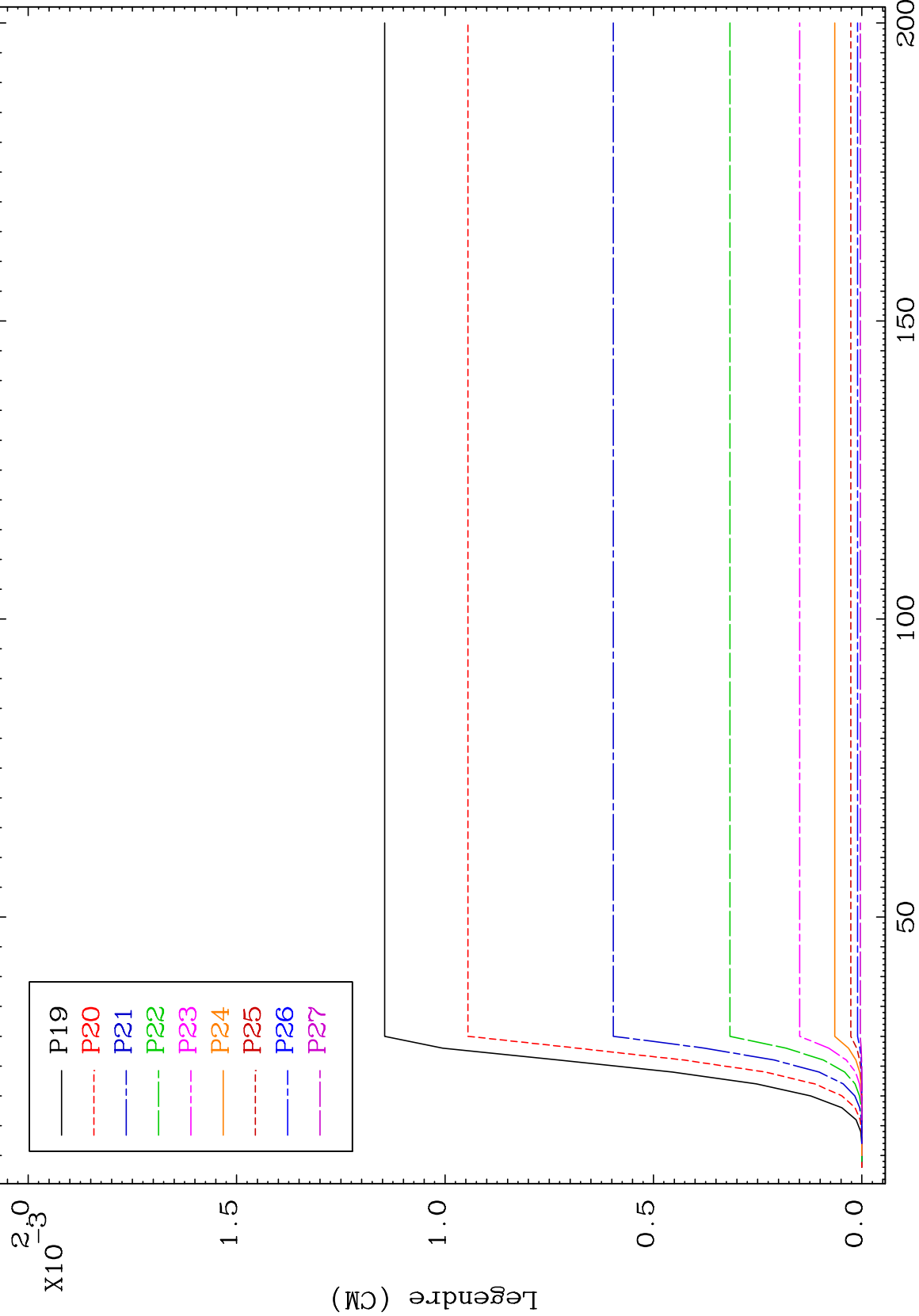
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



62

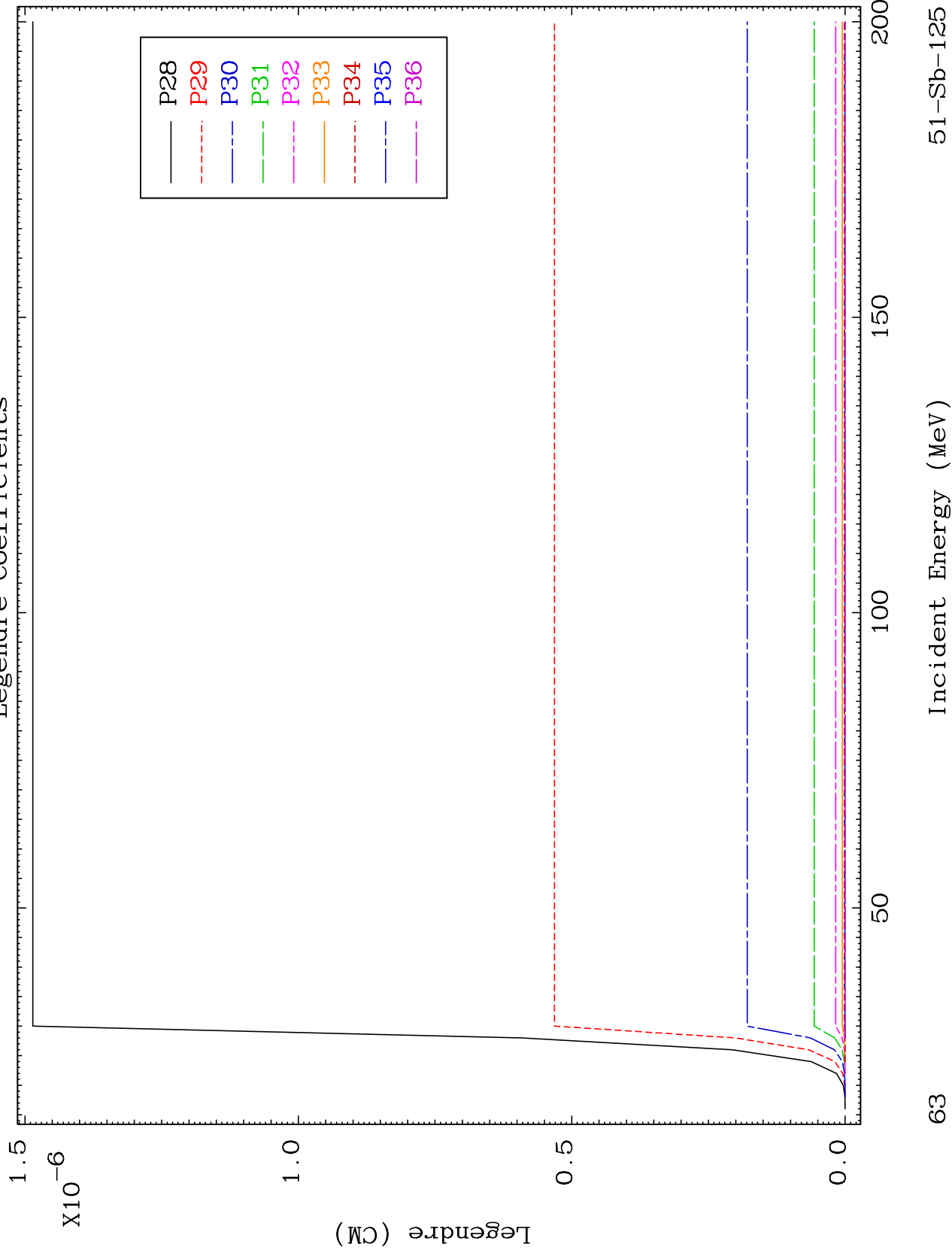
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



63

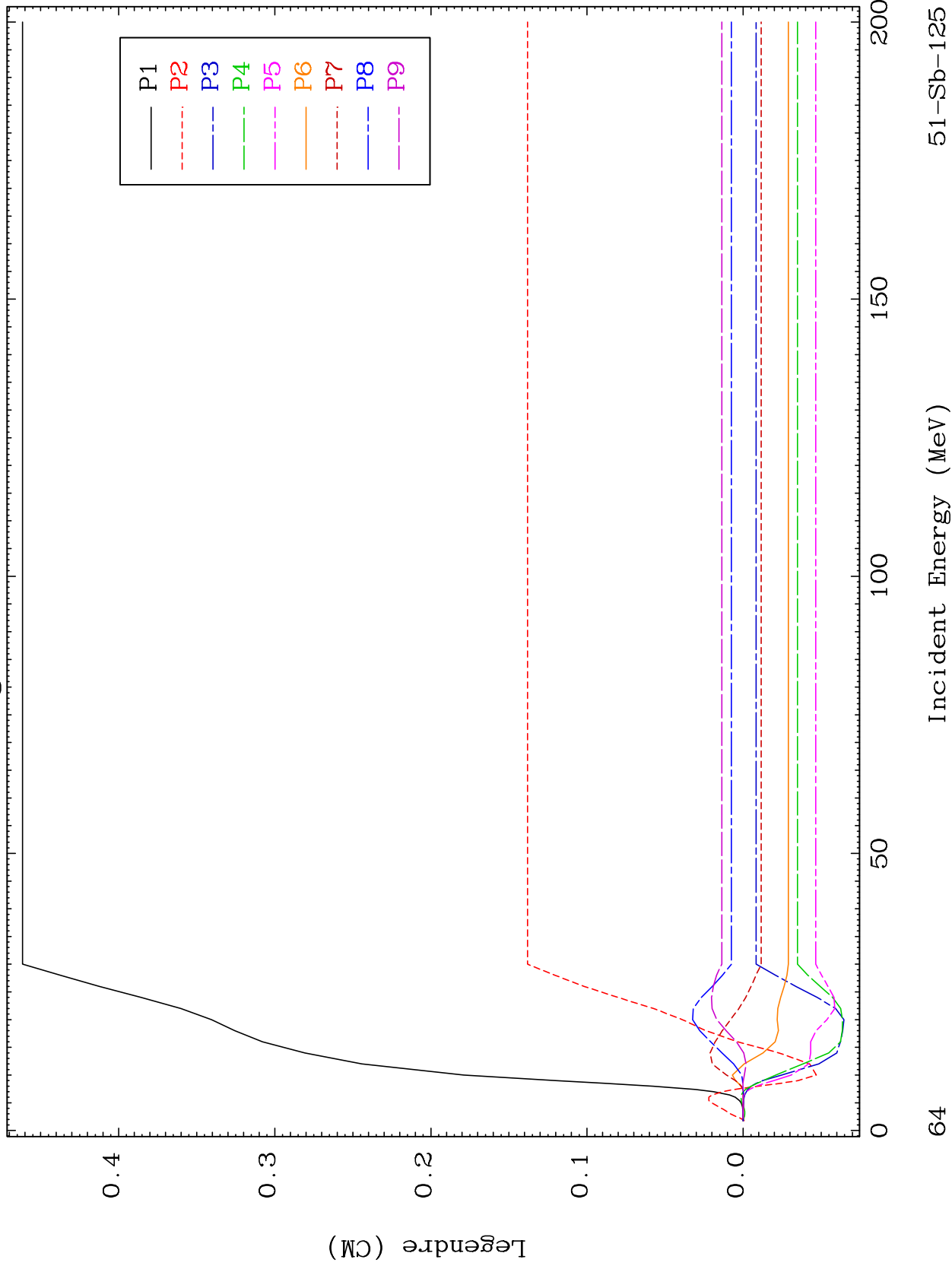
51-Sb-125



MAT 5137

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

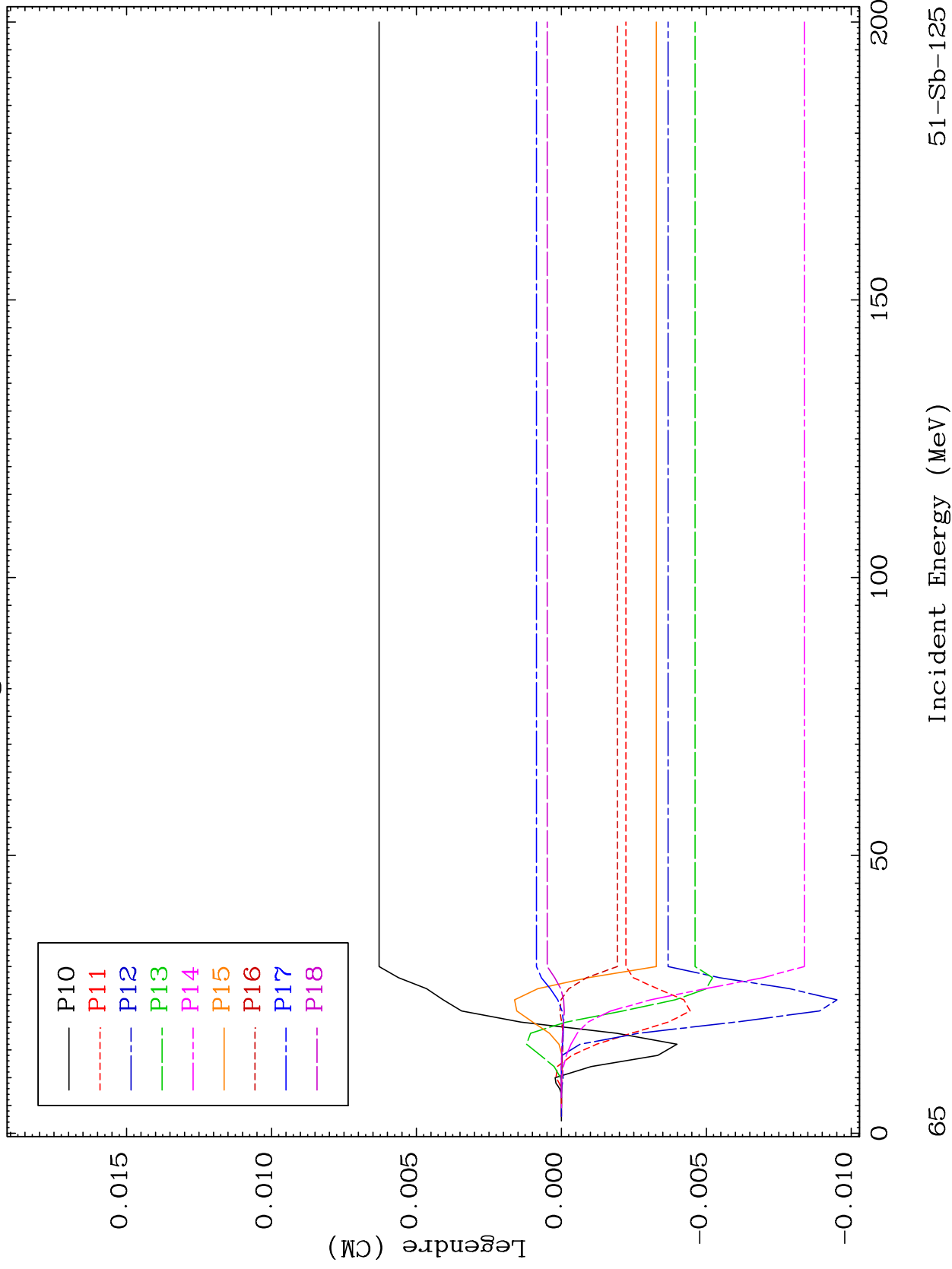
51-Sb-125



MAT 5137

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

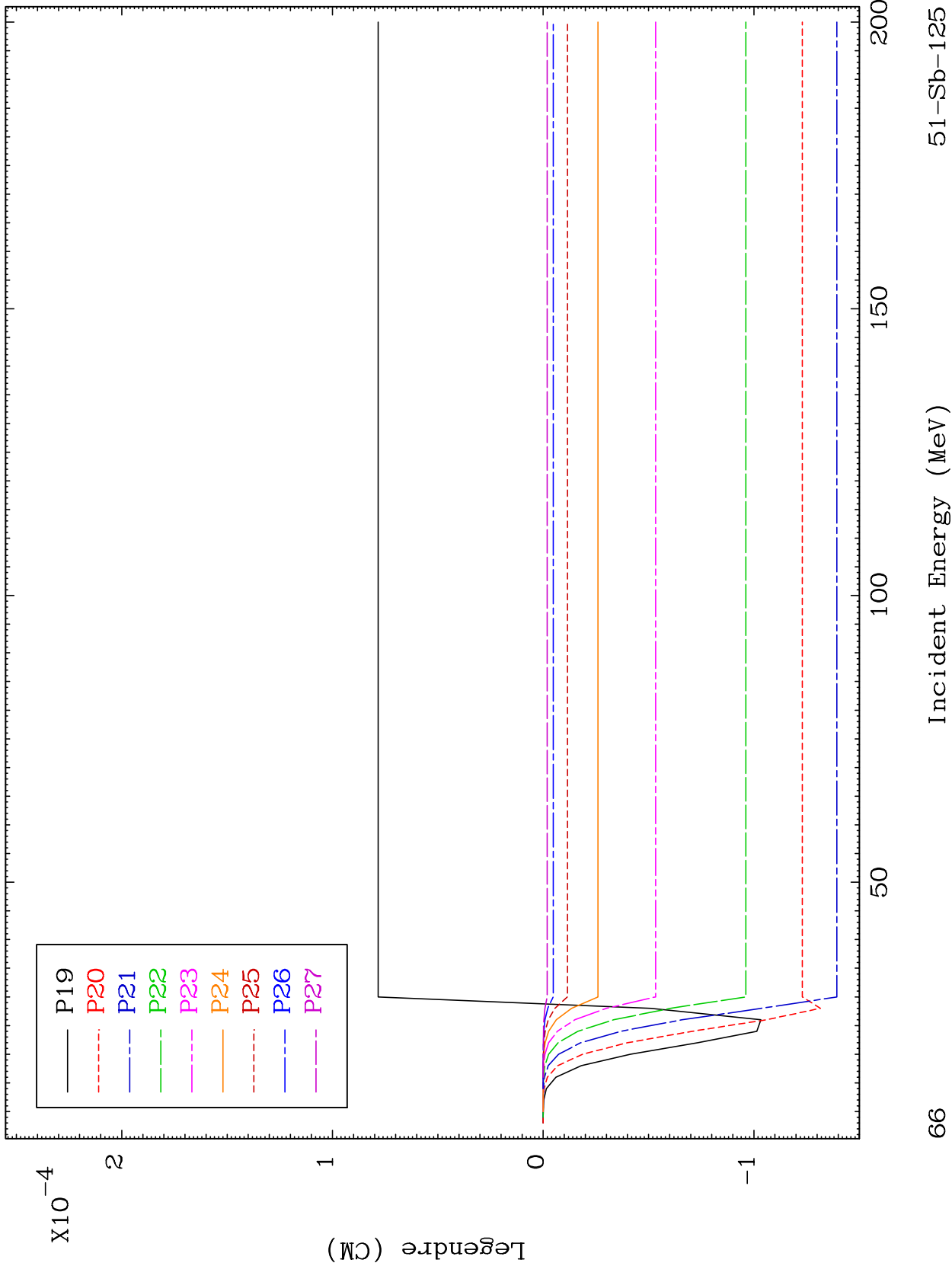
51-Sb-125



51-Sb-125

Incident Energy (MeV)

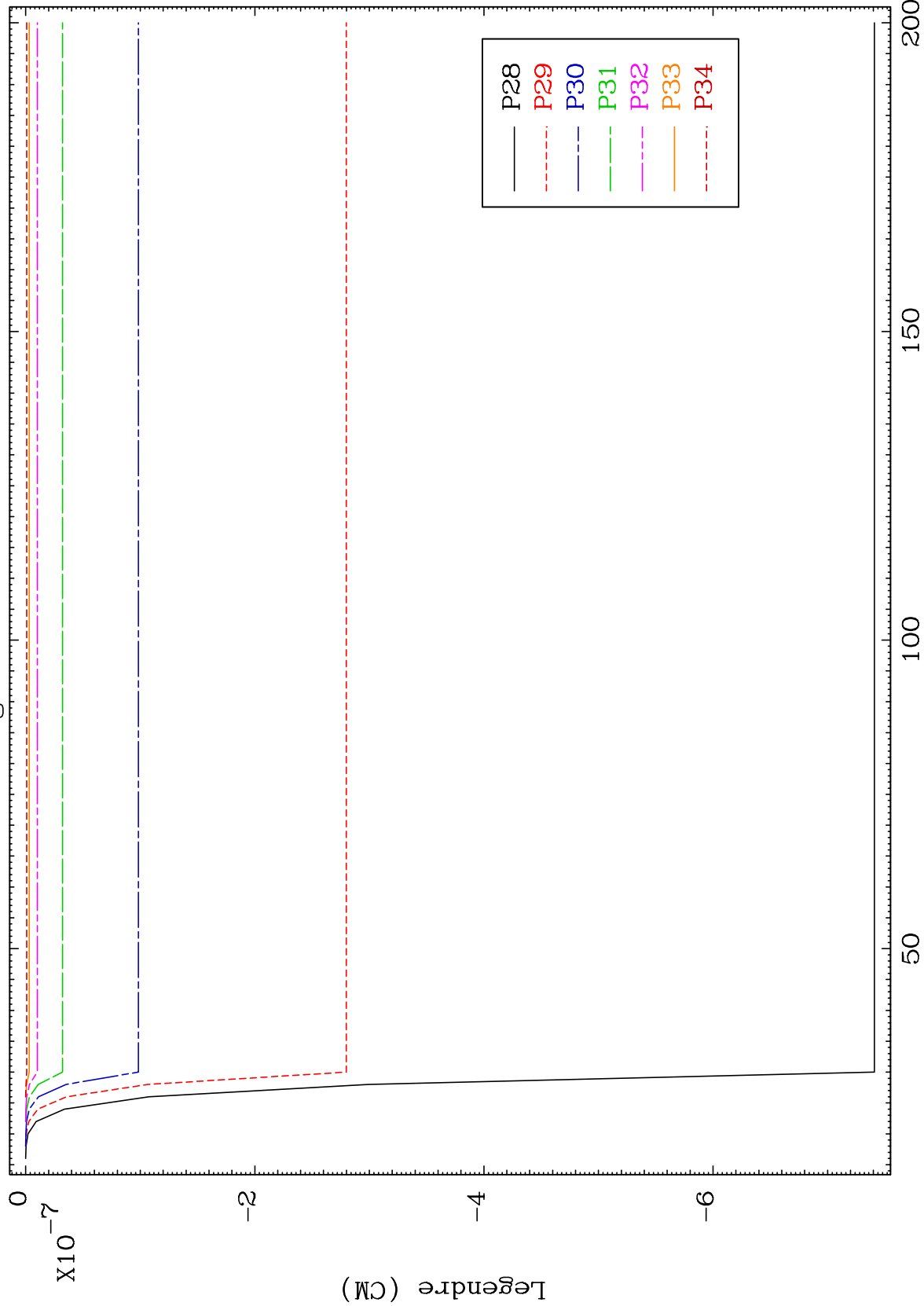
65



MAT 5137

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

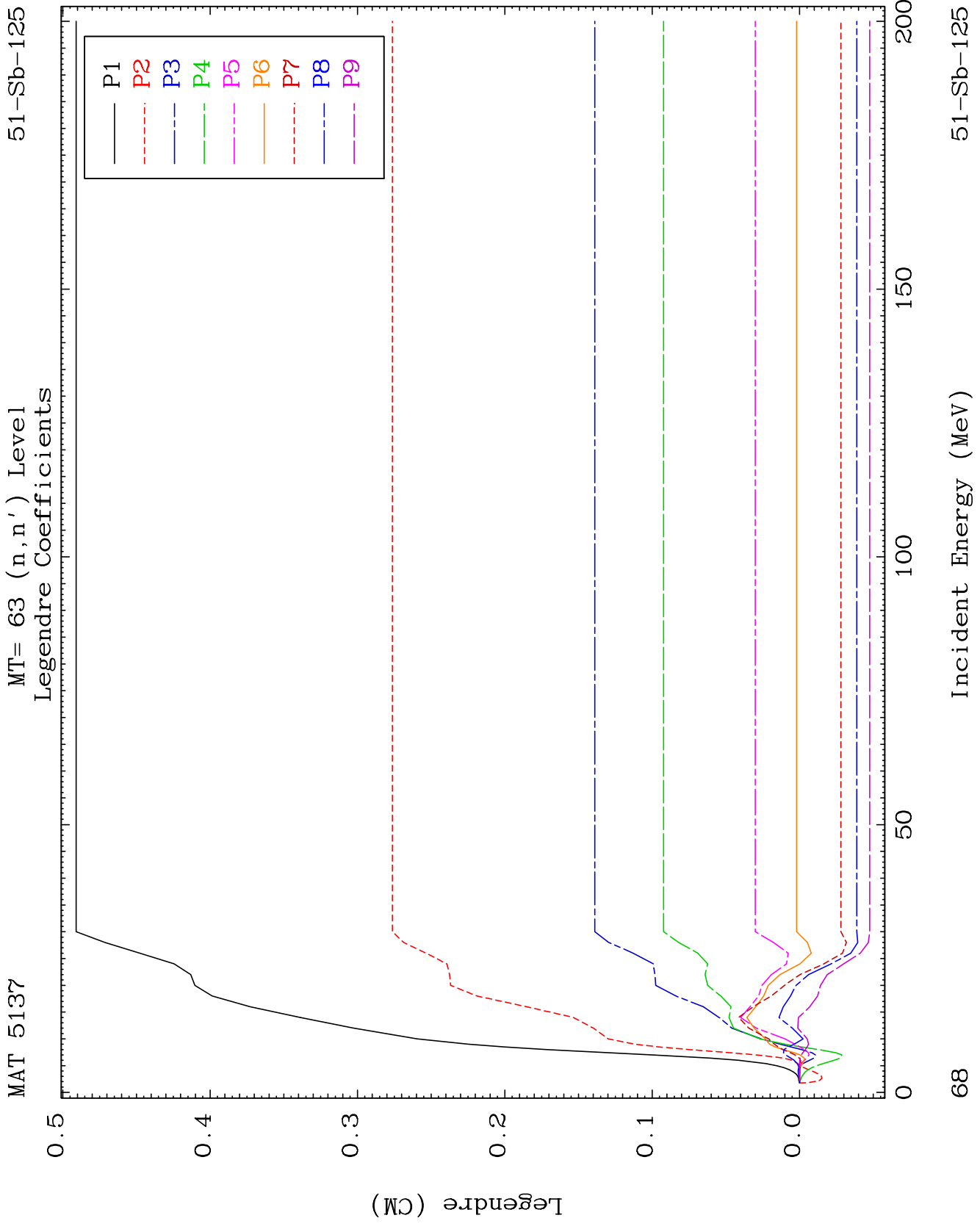
51-Sb-125

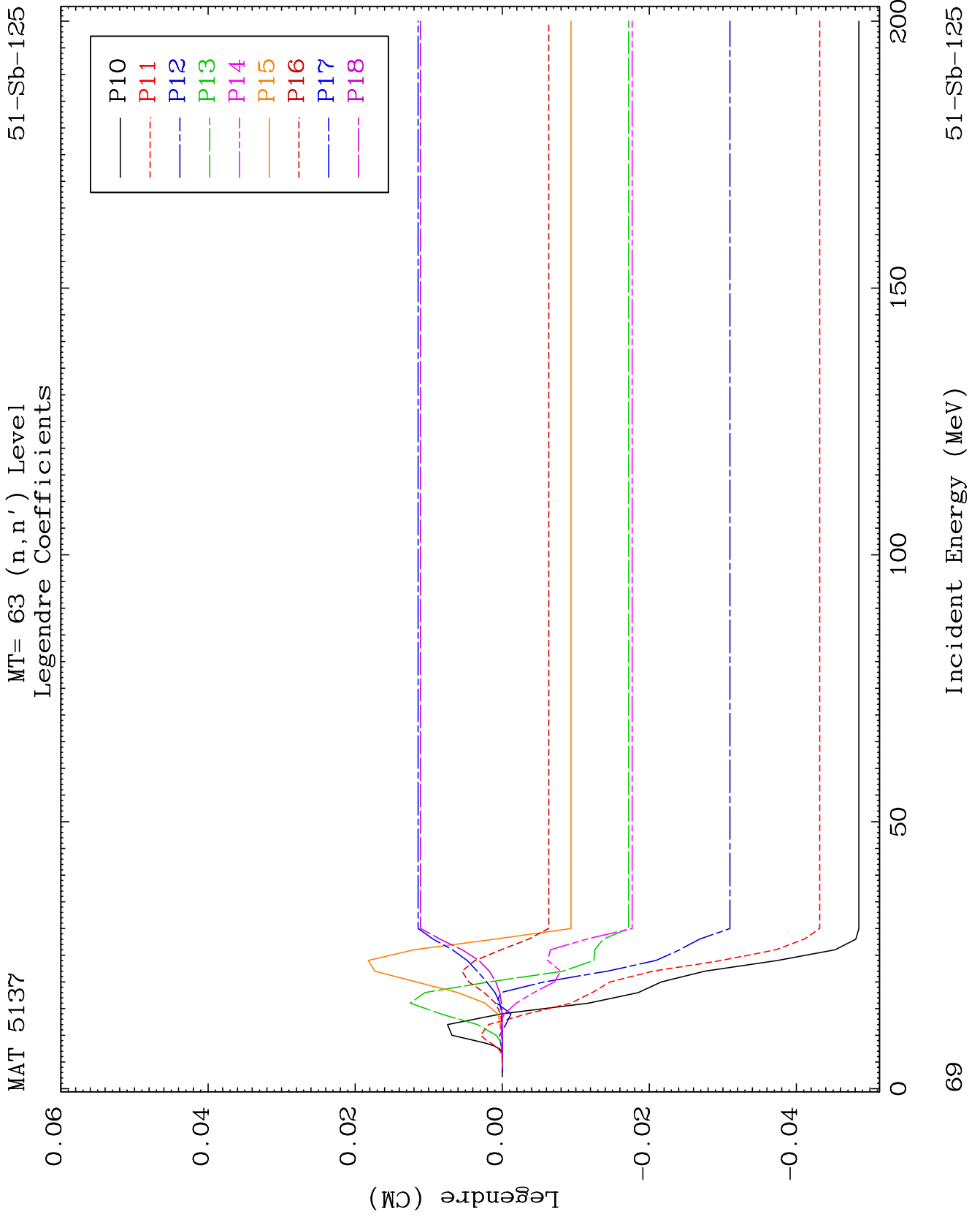


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Incident Energy (MeV)

51-Sb-125

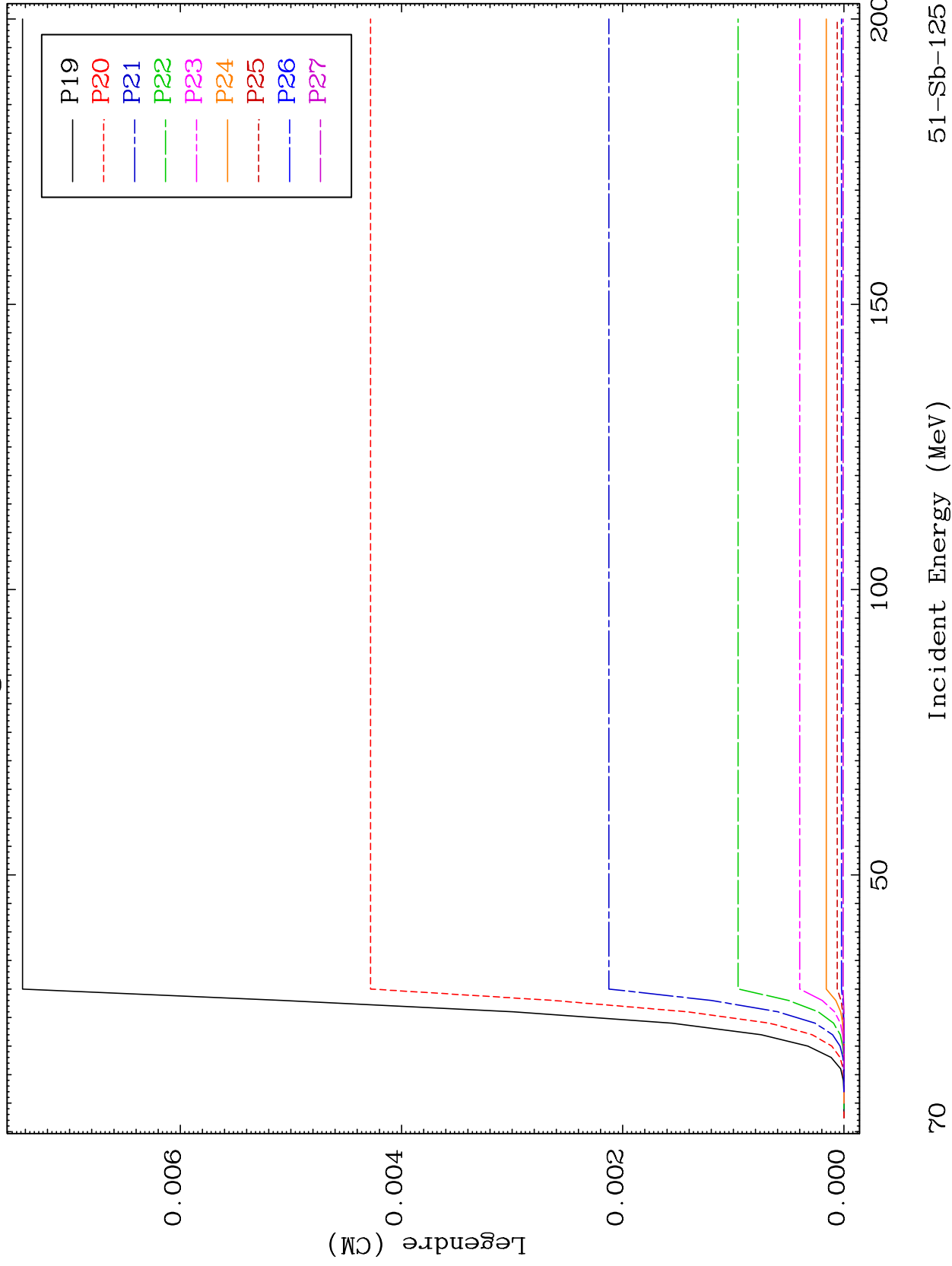




MAT 5137

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

51-Sb-125



70

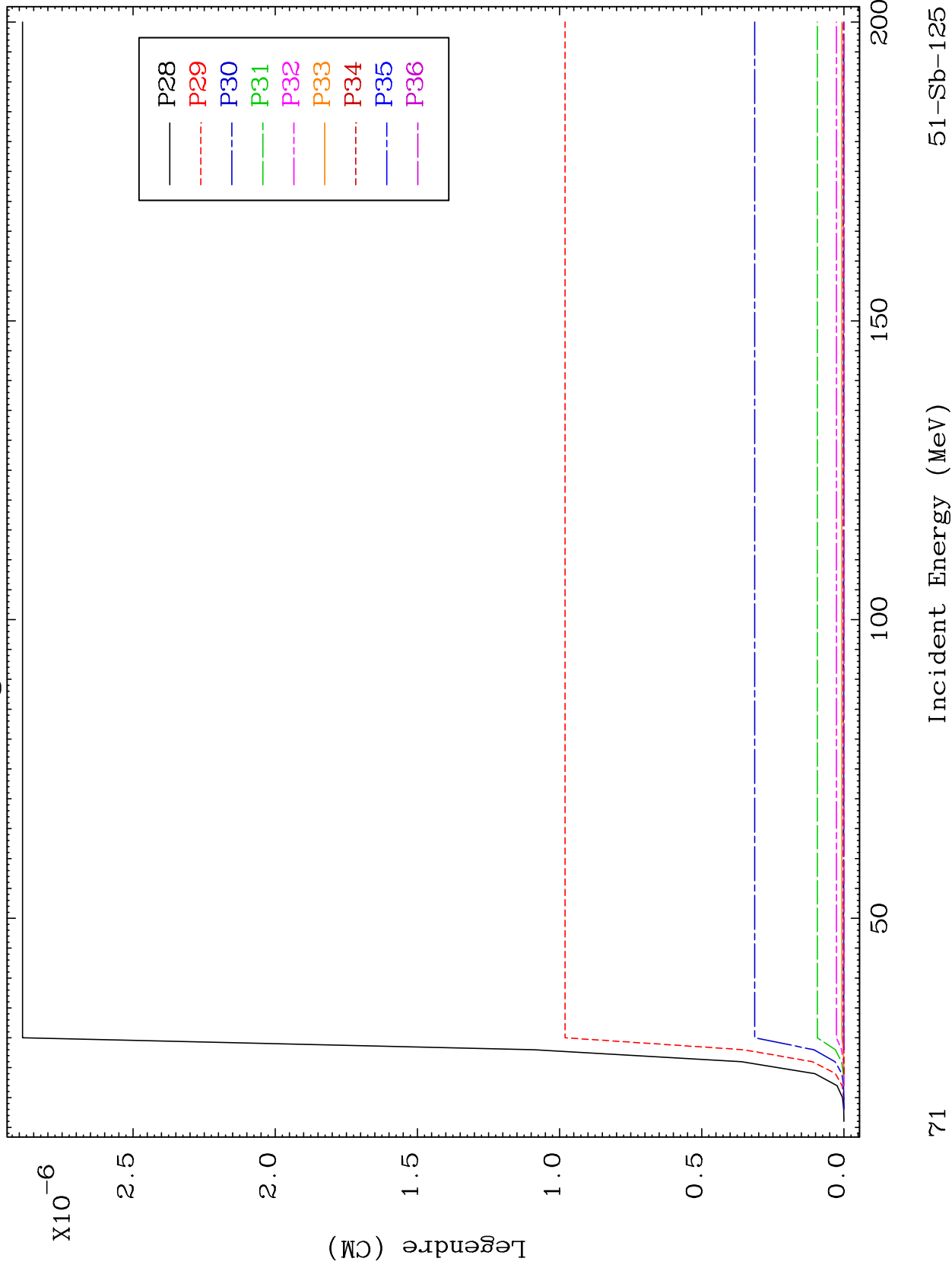
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125

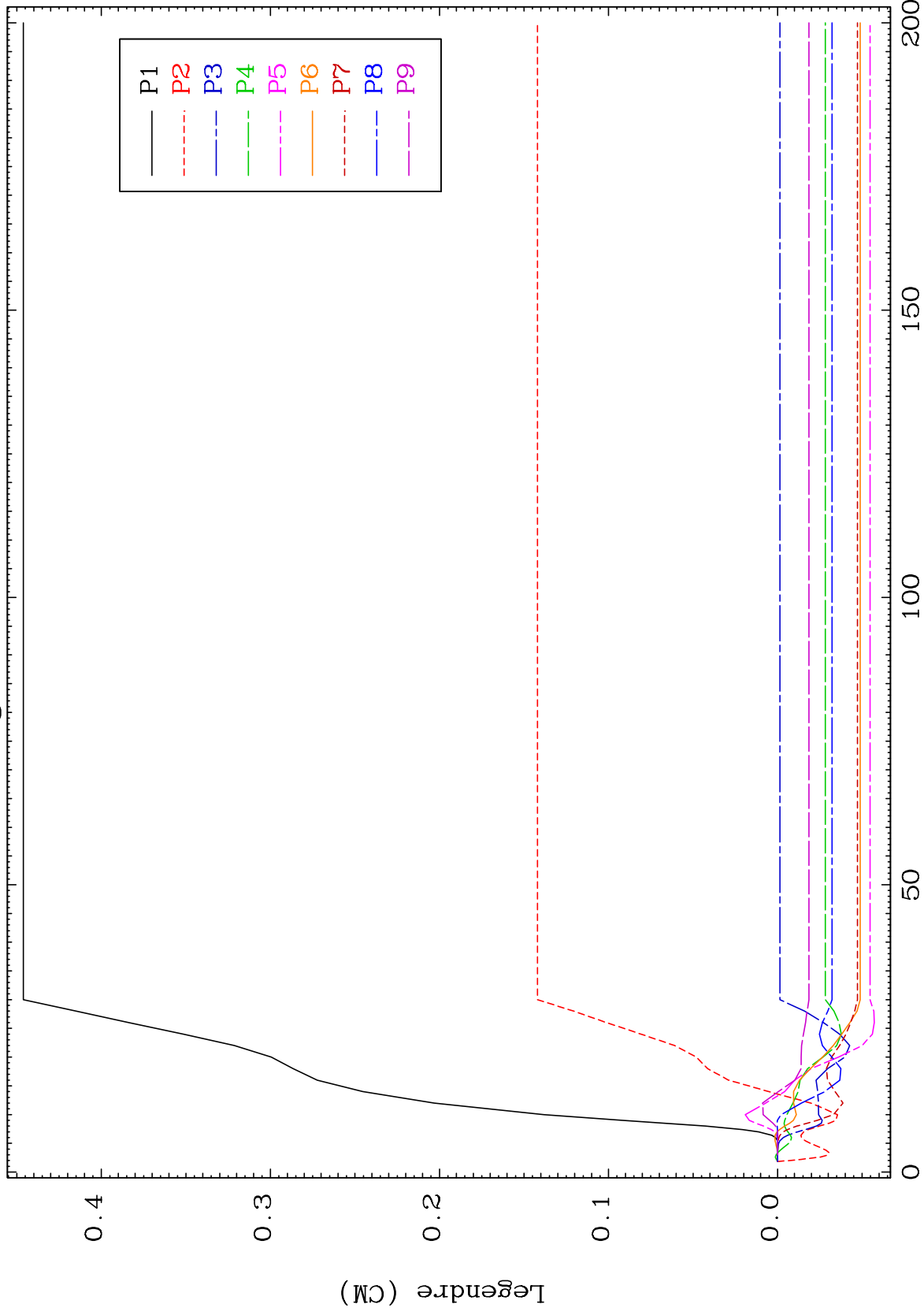




MAT 5137

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

51-Sb-125



72

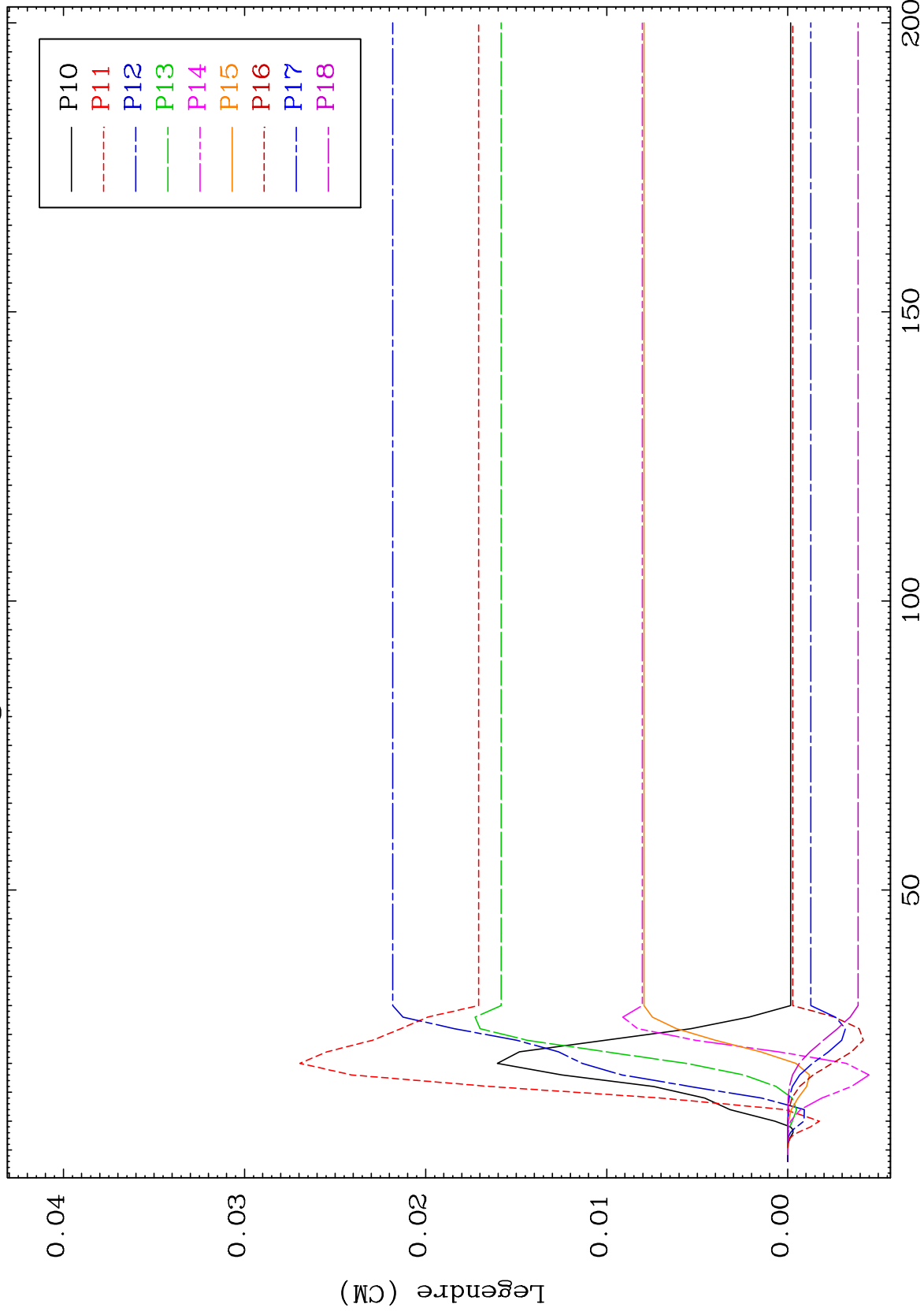
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



73

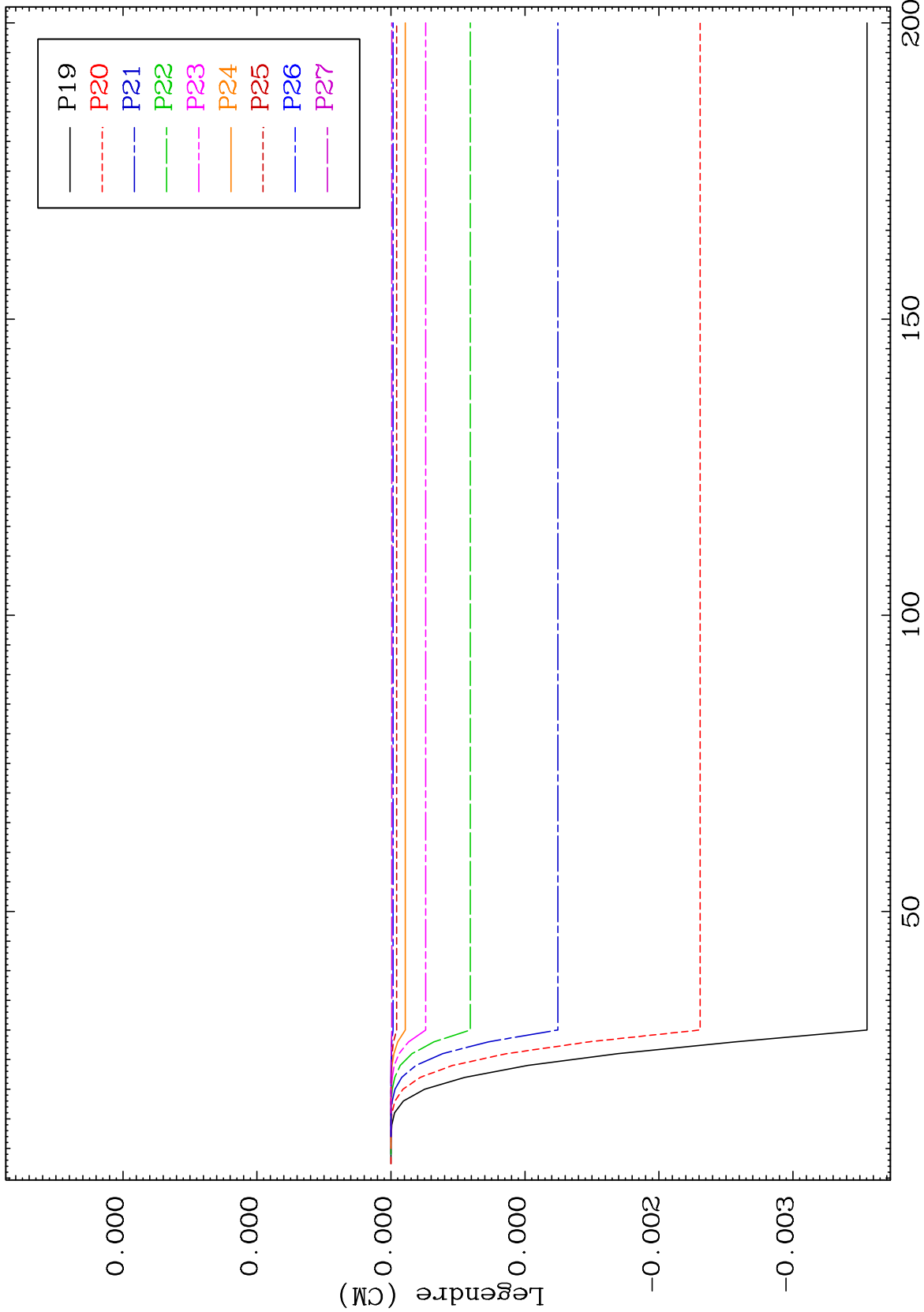
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



74

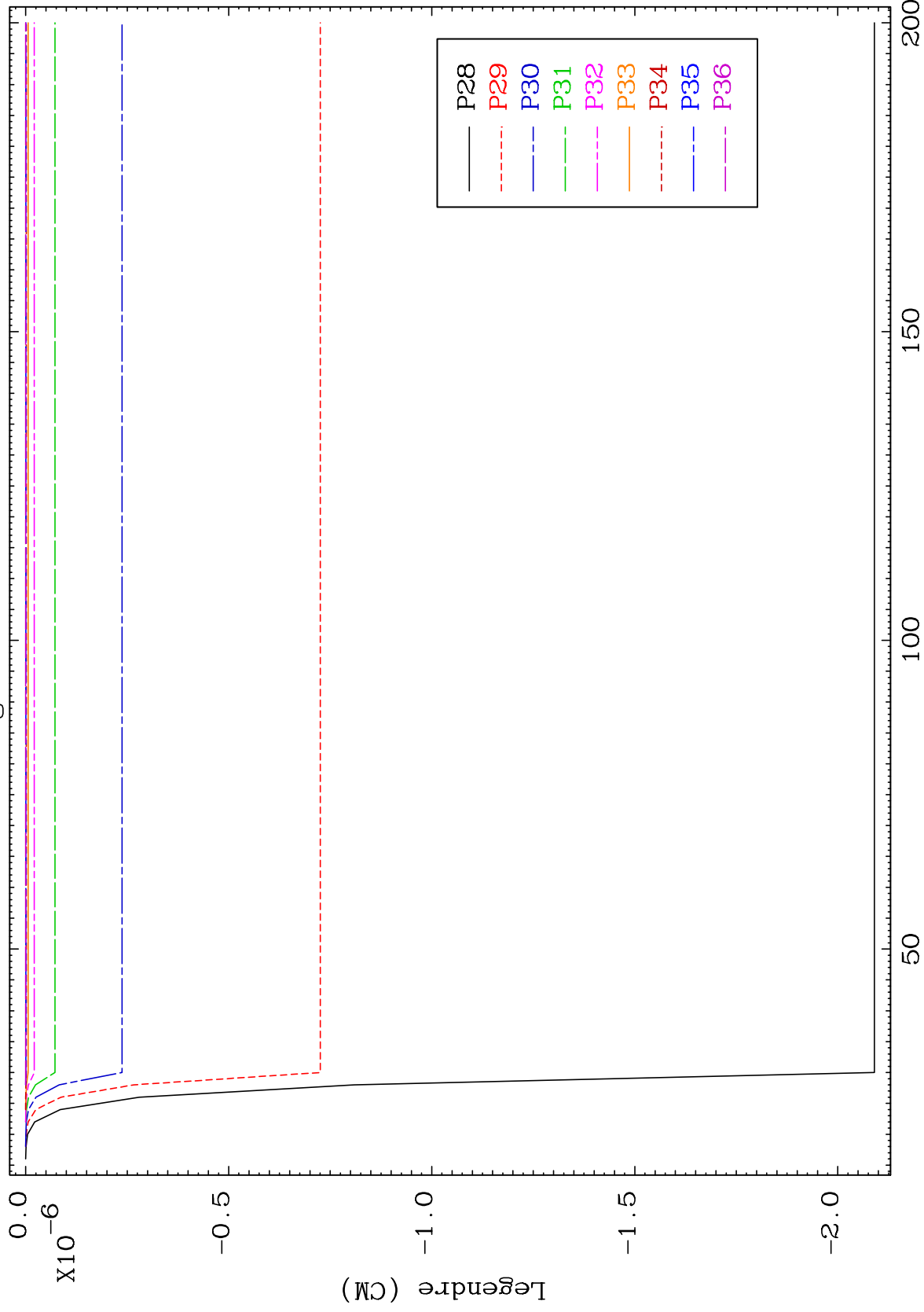
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

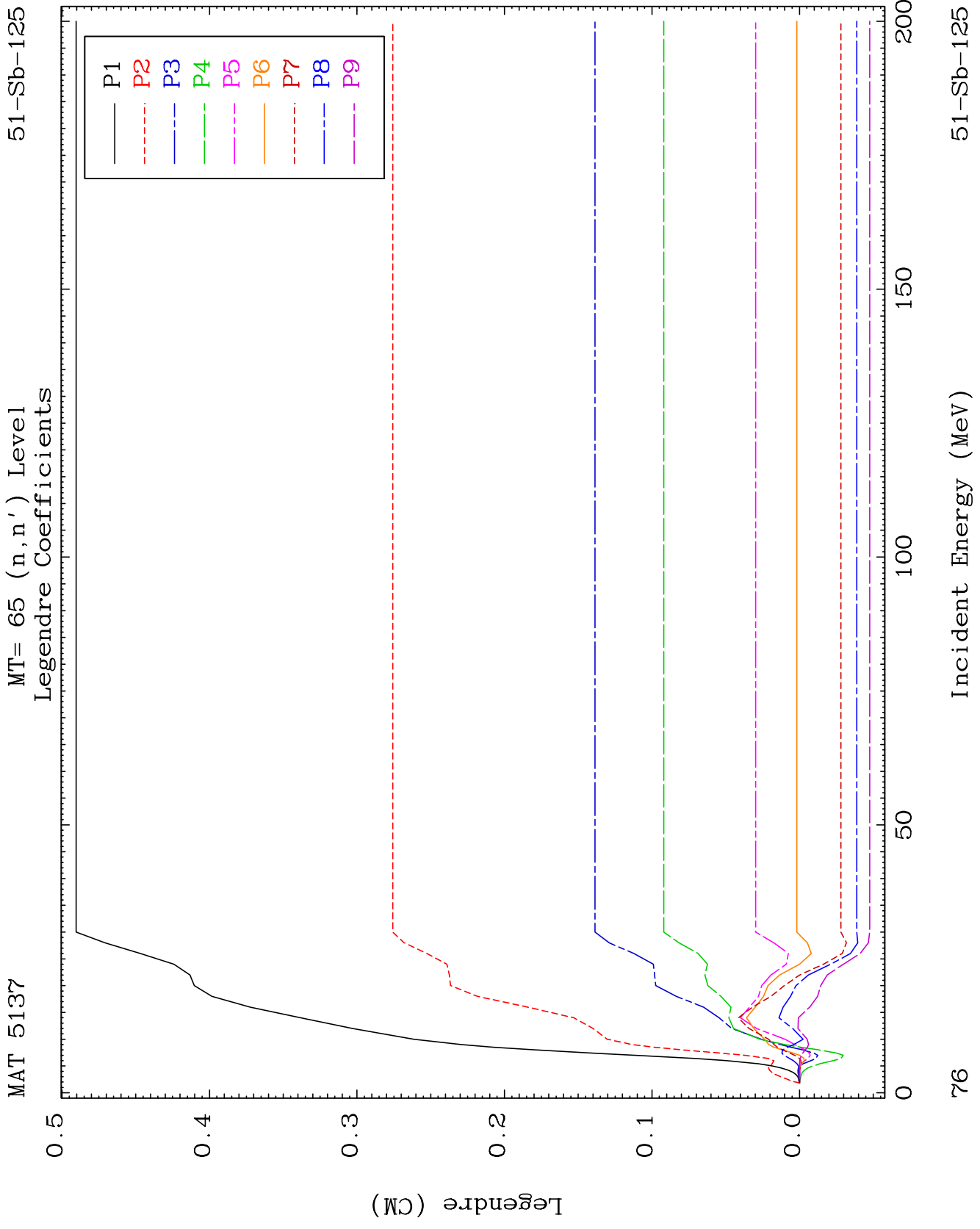
51-Sb-125



75

Incident Energy (MeV)

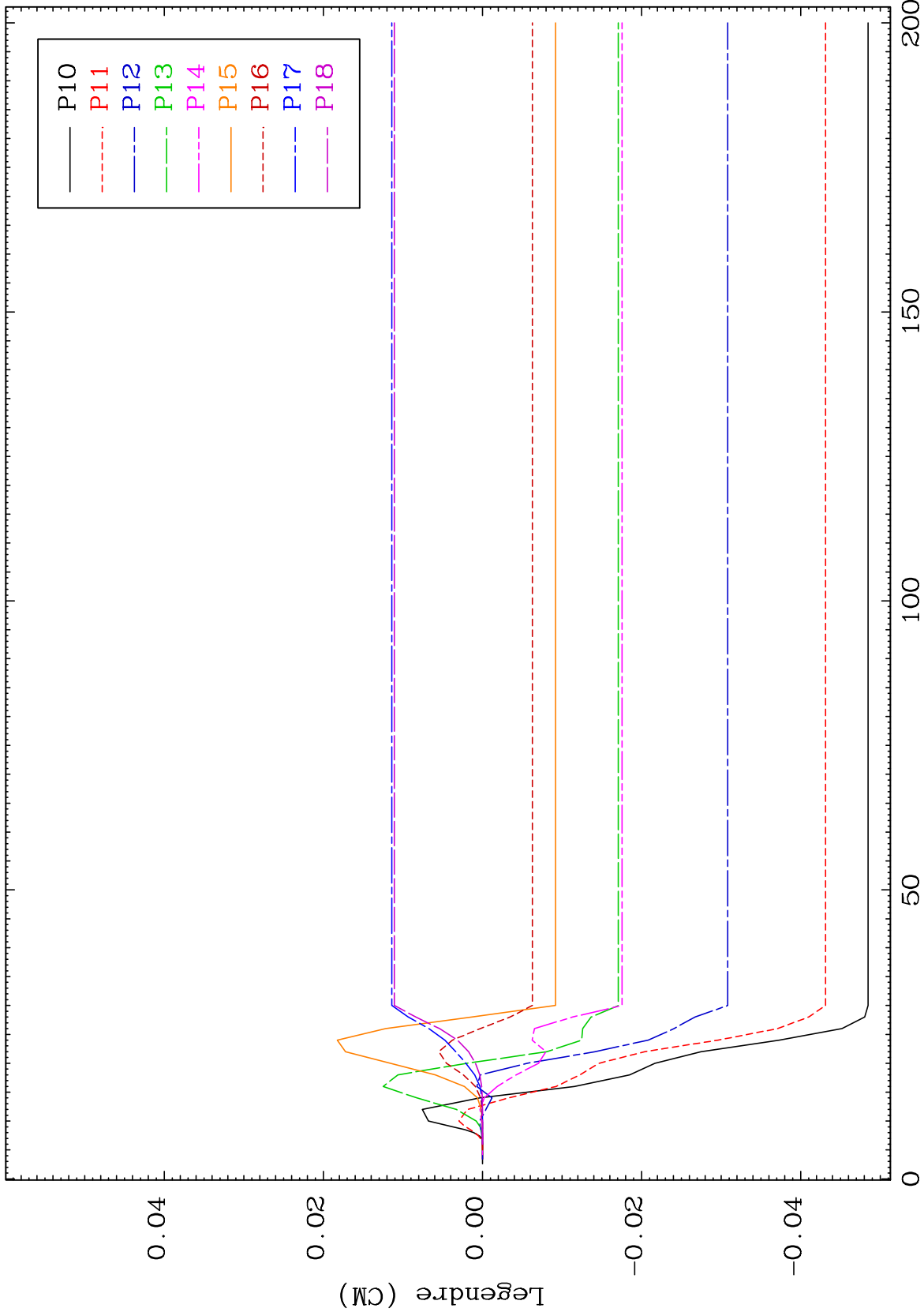
51-Sb-125



MAT 5137

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

51-Sb-125



77

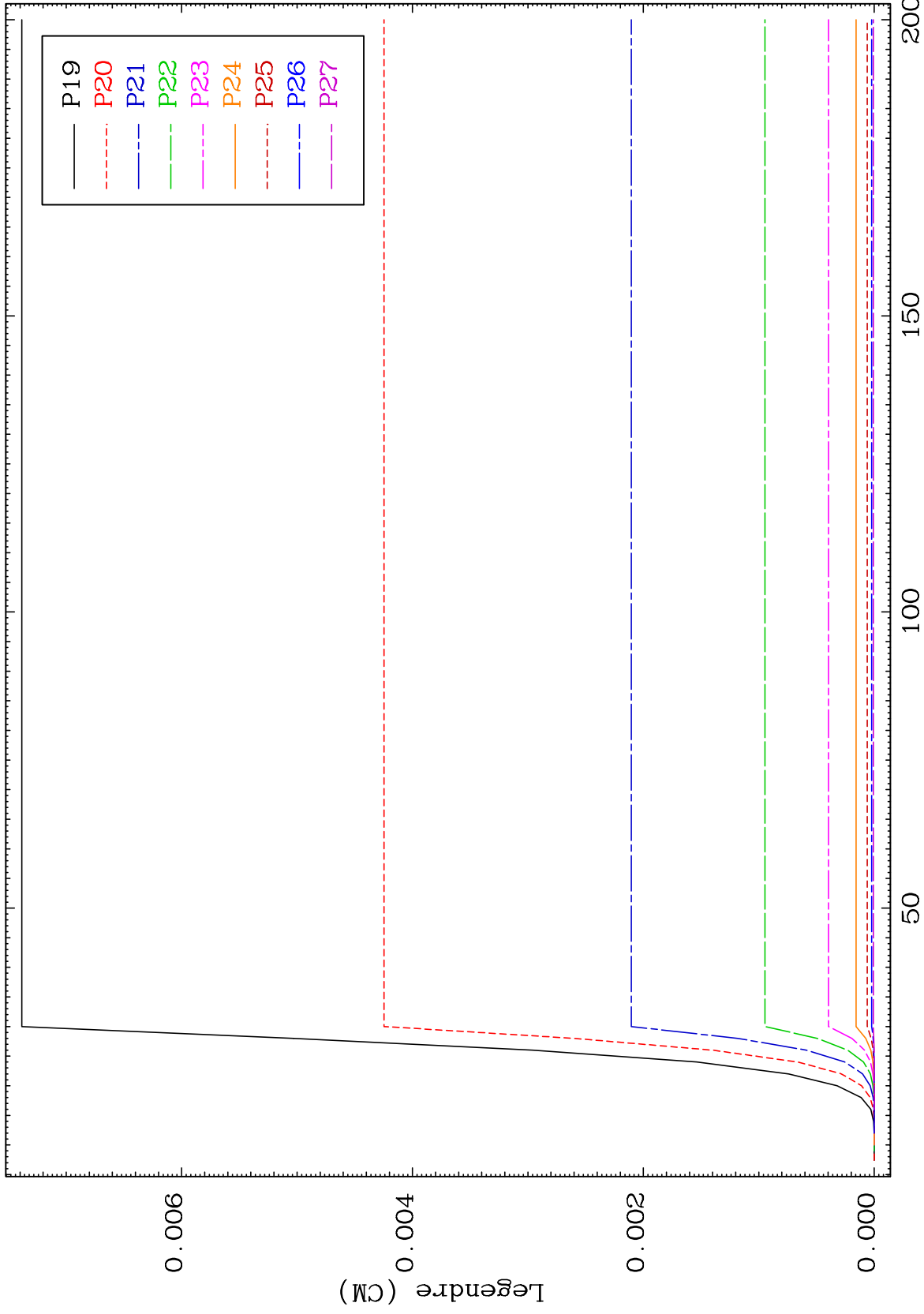
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



78

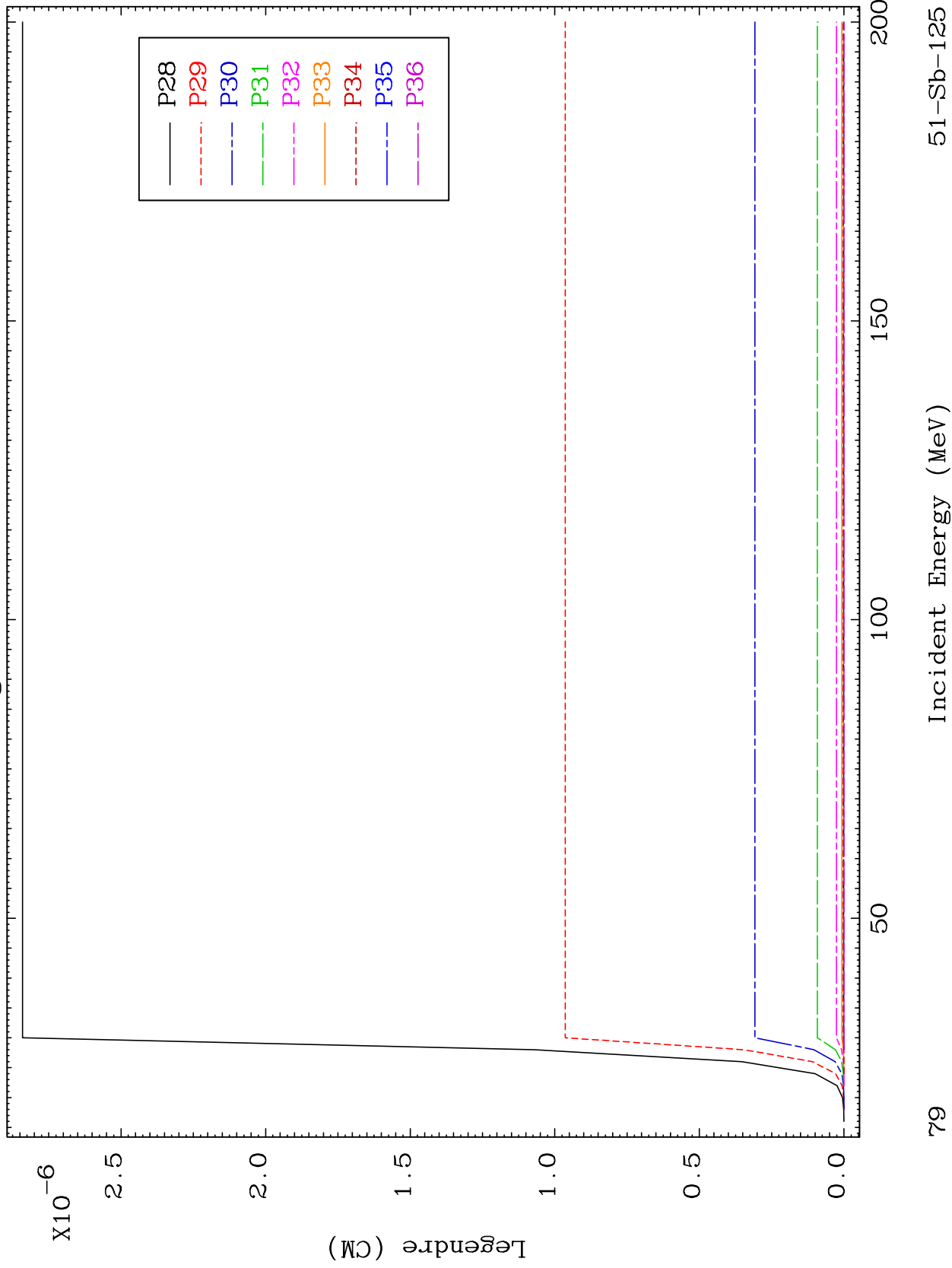
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125

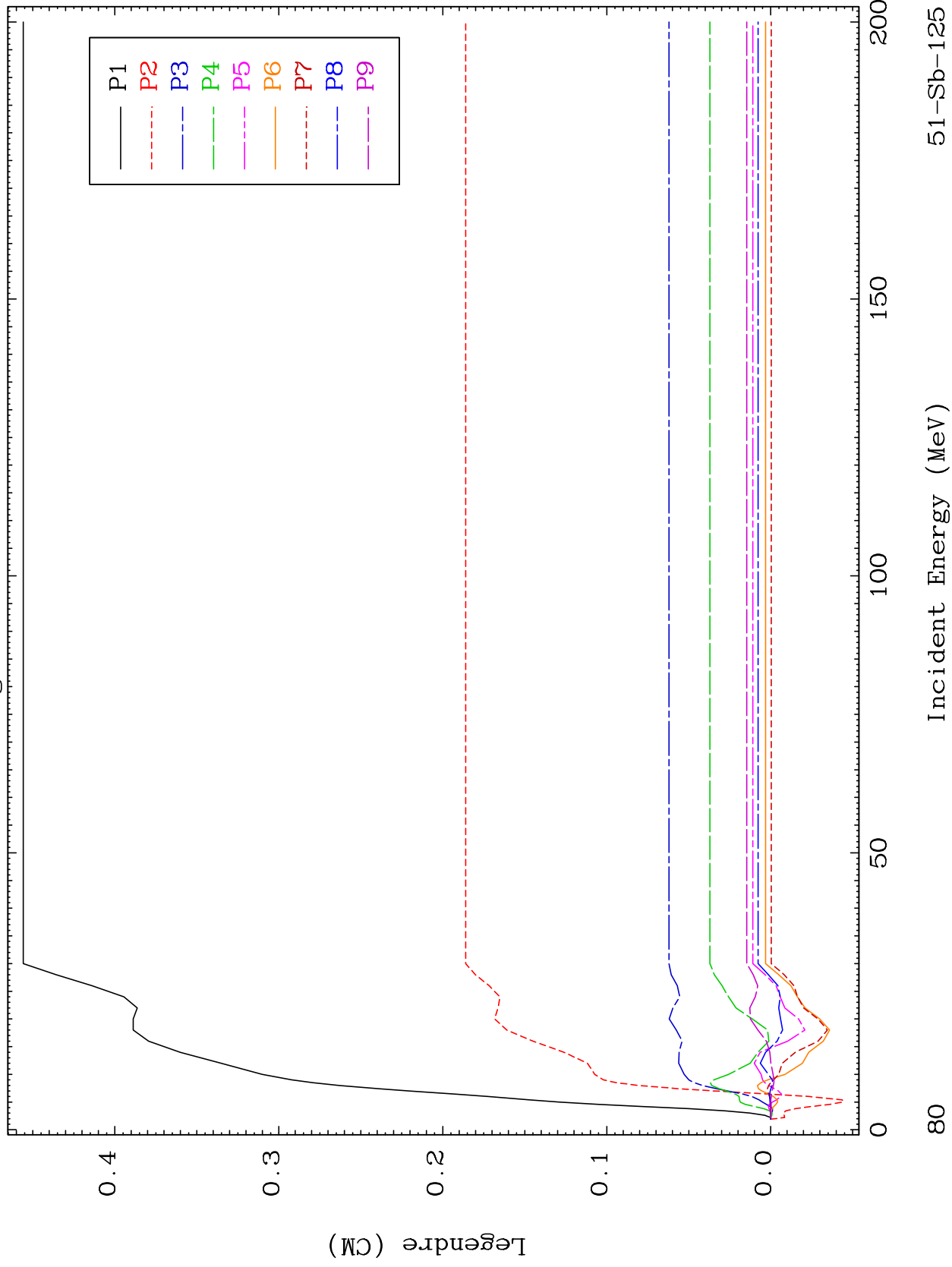




MAT 5137

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

51-Sb-125



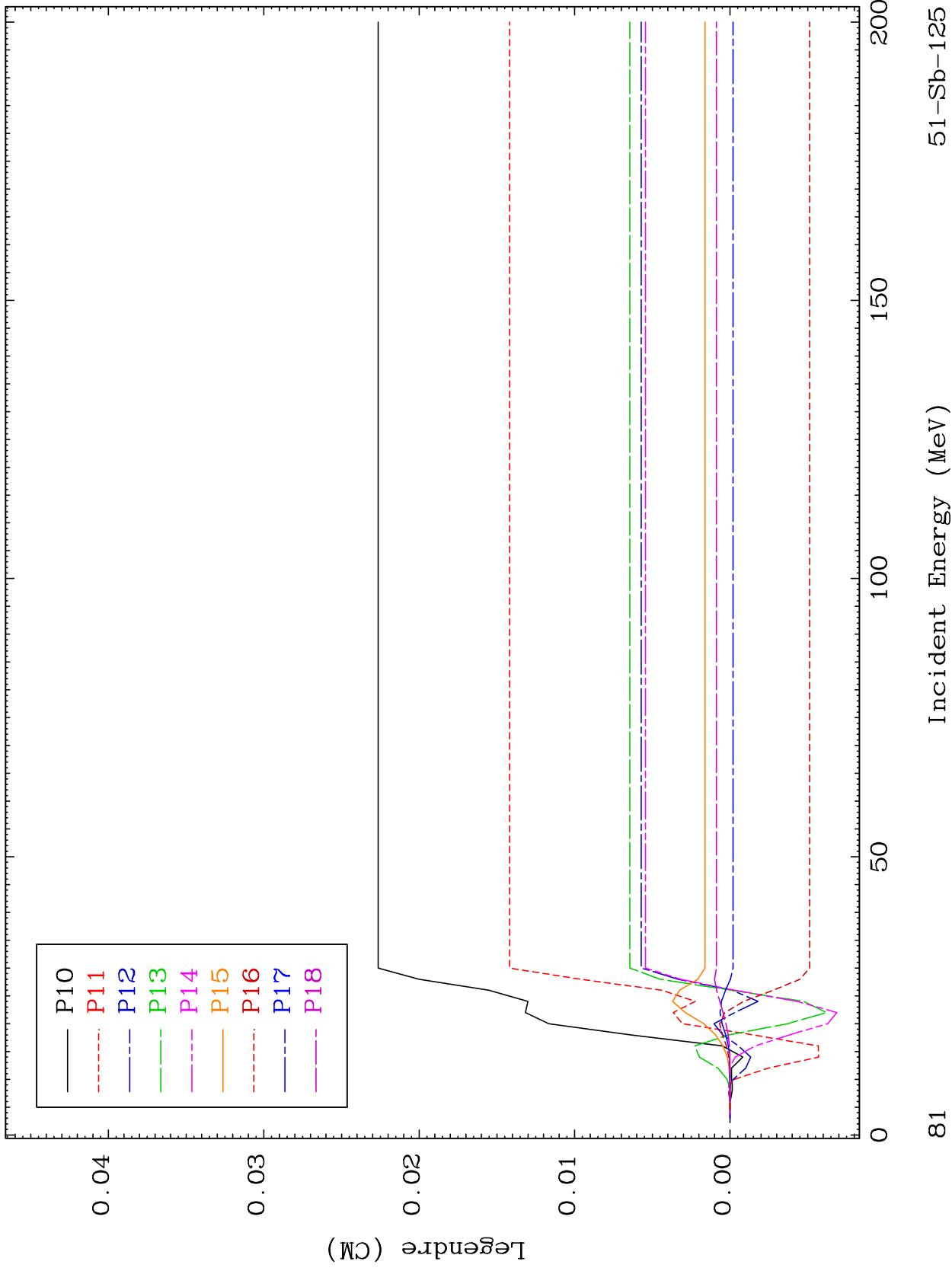
51-Sb-125

Incident Energy (MeV)

MAT 5137

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

51-Sb-125



81

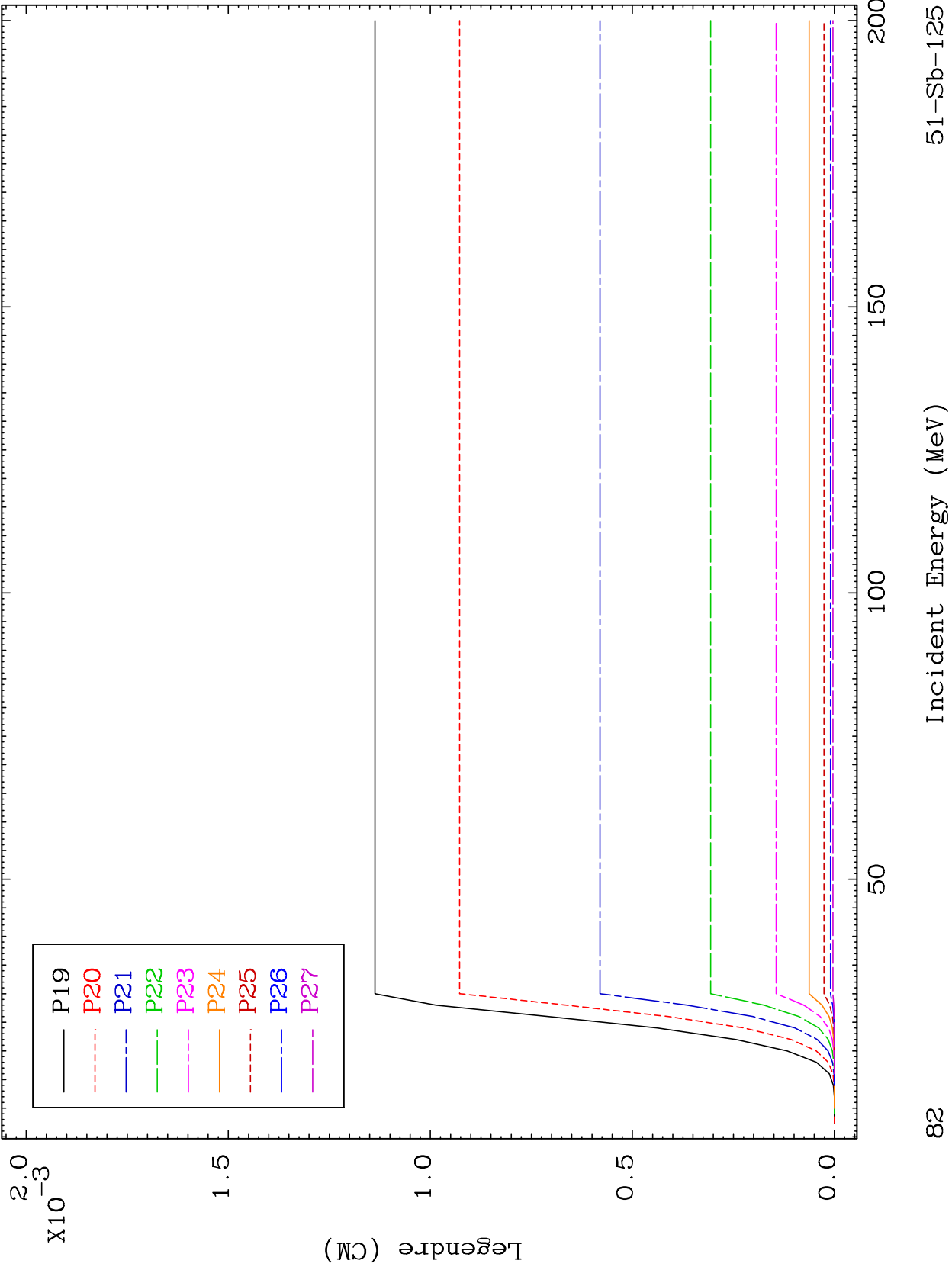
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

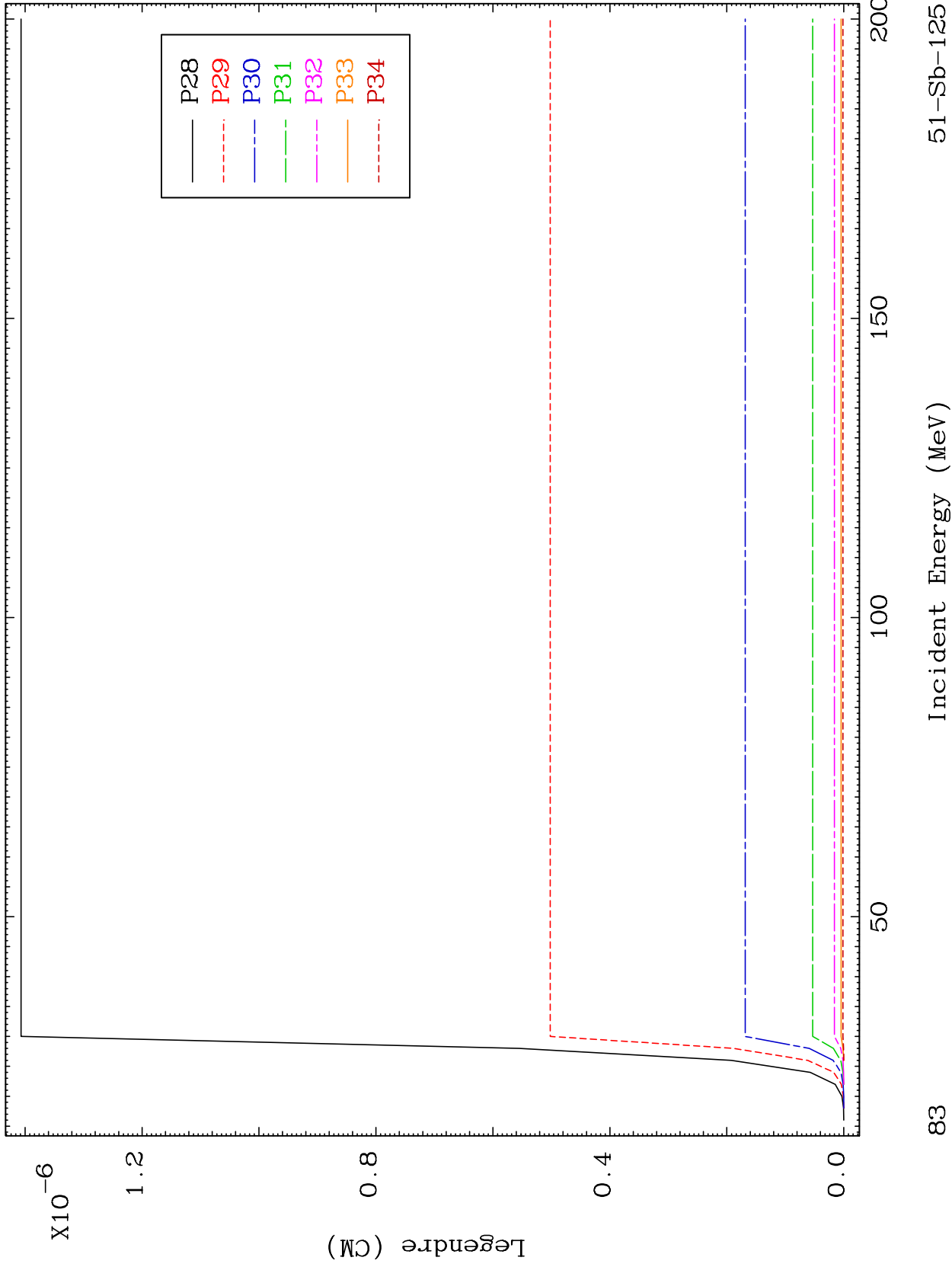
51-Sb-125



MAT 5137

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

51-Sb-125



83

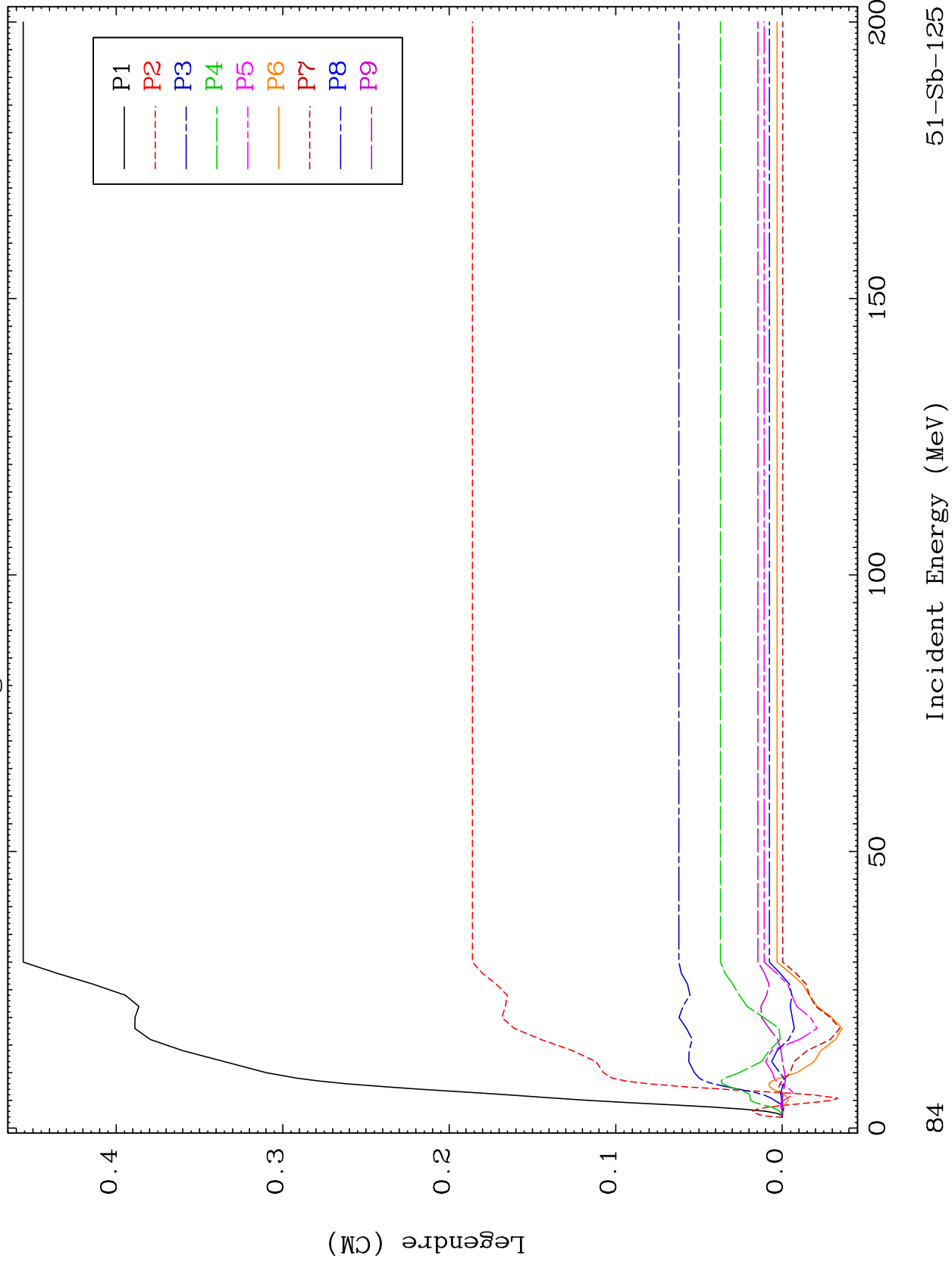
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

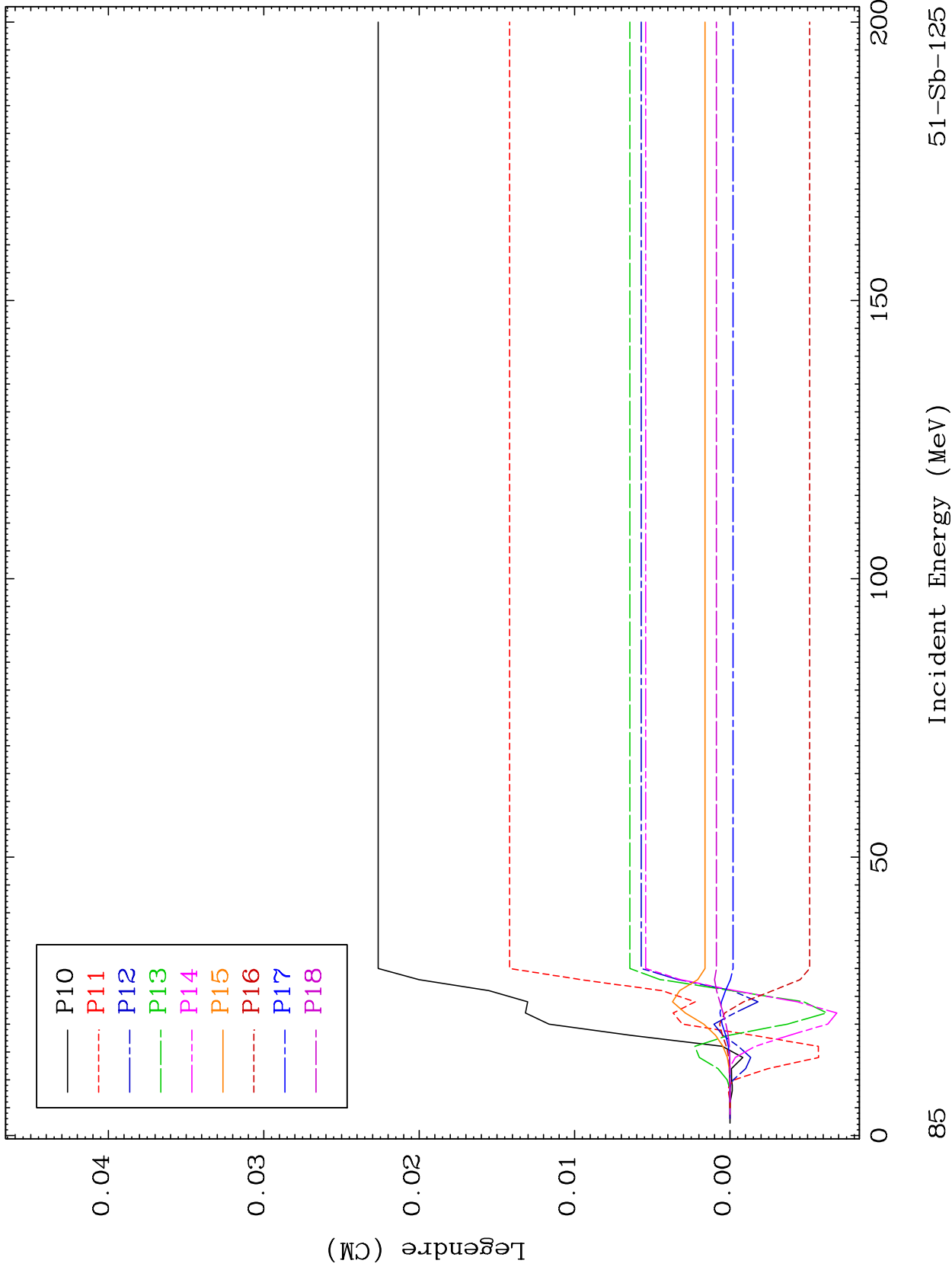
Incident Energy (MeV)

84

MAT 5137

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

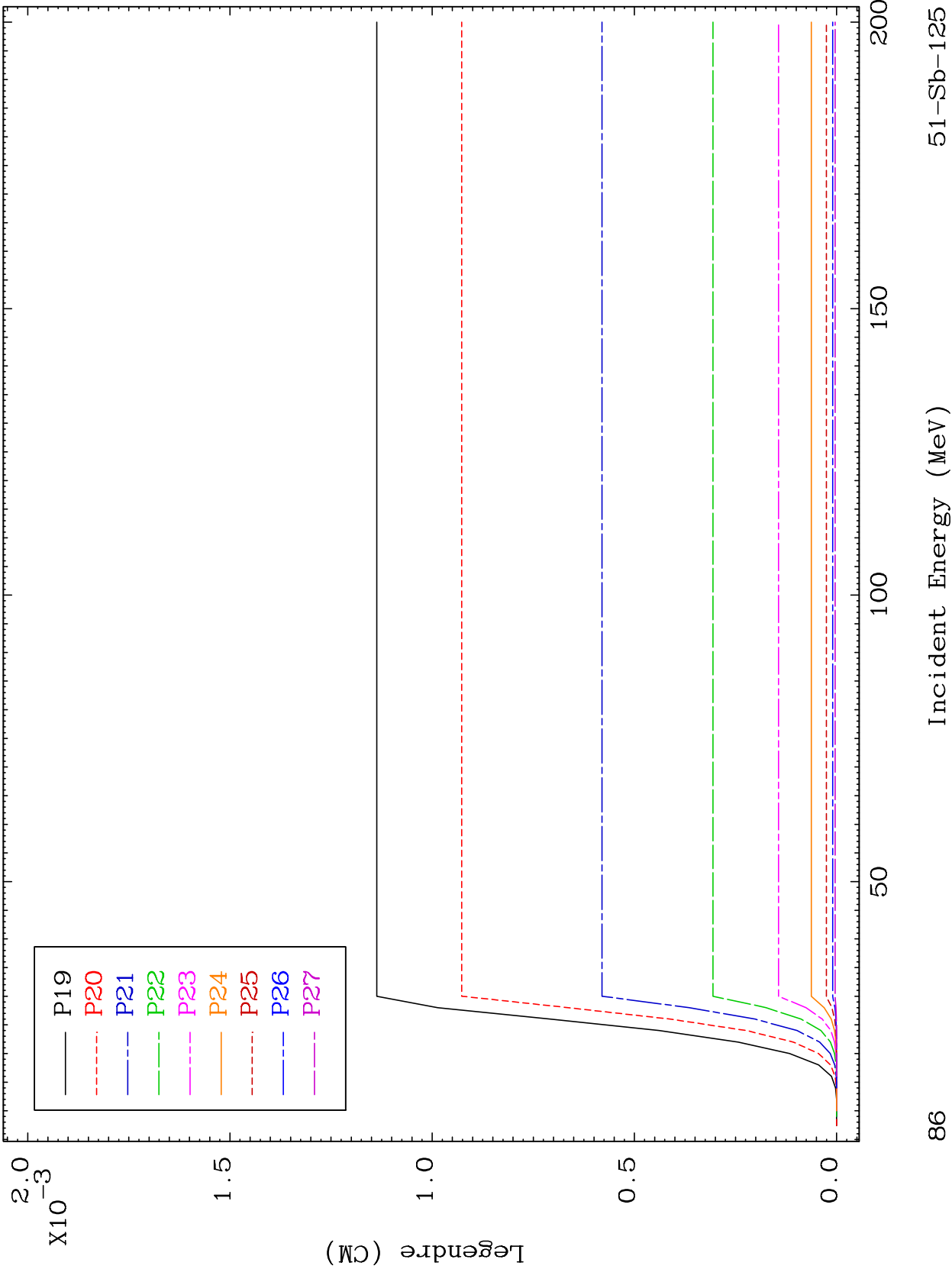
51-Sb-125



51-Sb-125

Incident Energy (MeV)

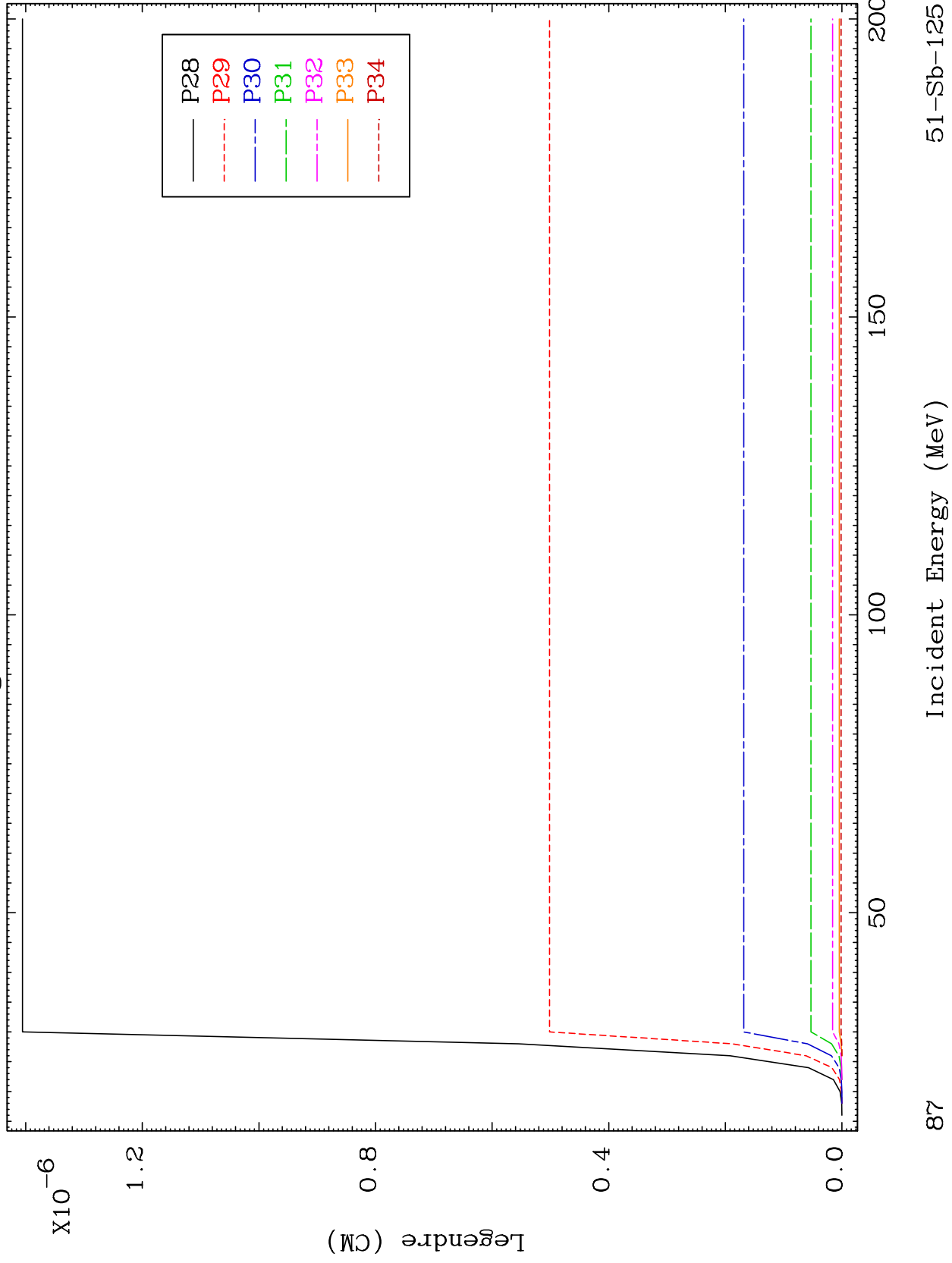
85



MAT 5137

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

51-Sb-125



87

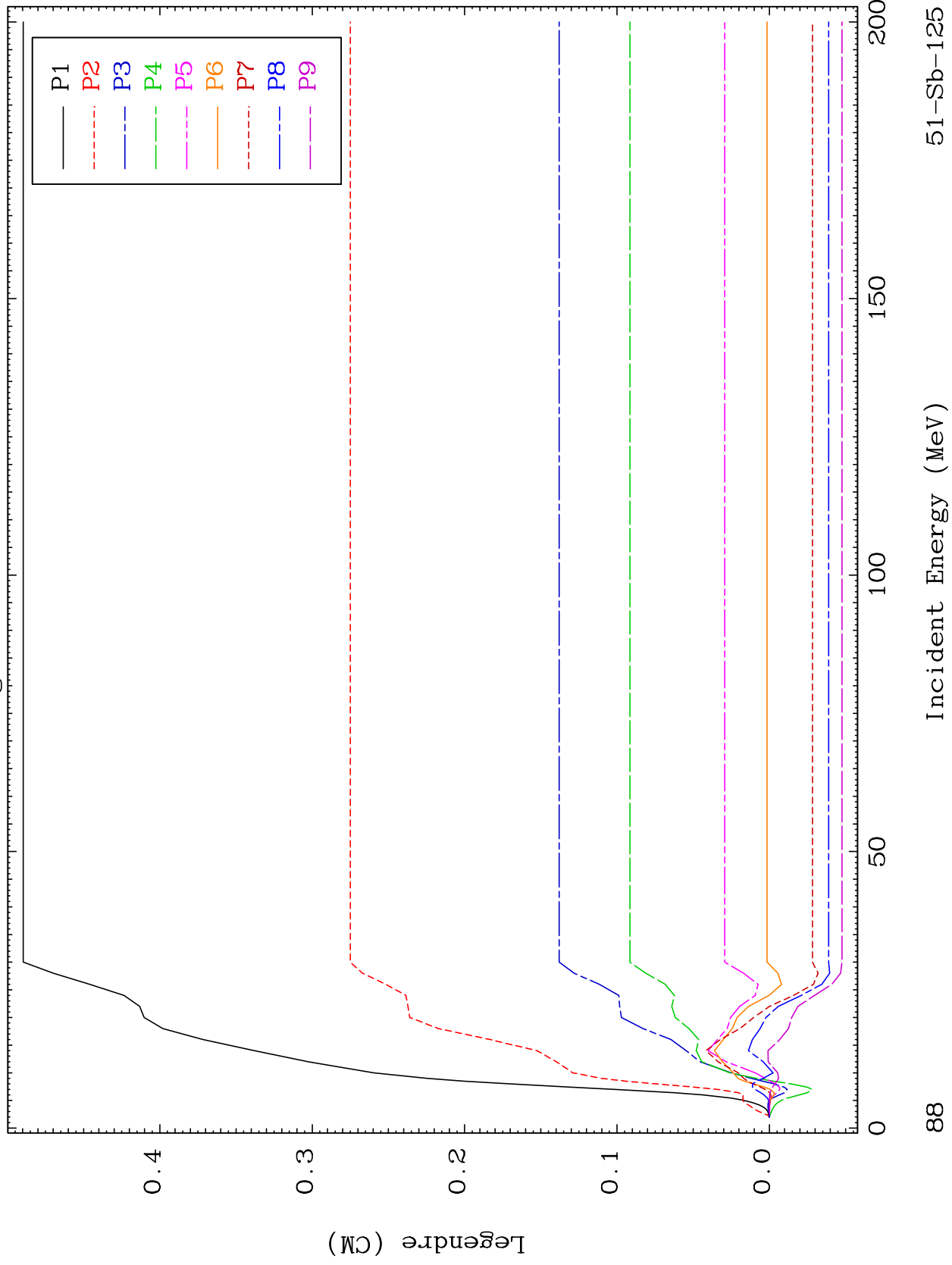
51-Sb-125



MAT 5137

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

51-Sb-125



51-Sb-125

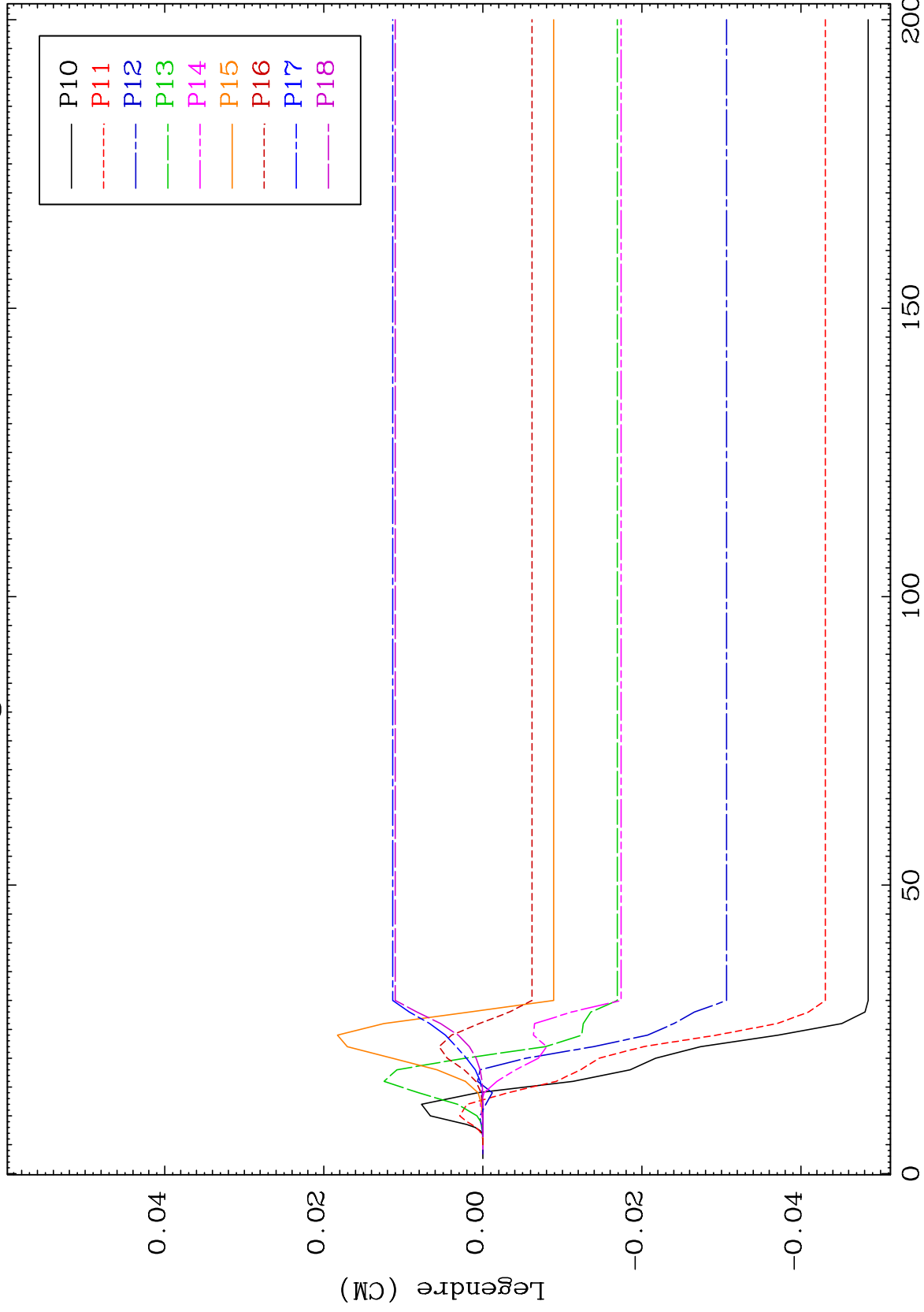
Incident Energy (MeV)

88

MAT 5137

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

51-Sb-125



89

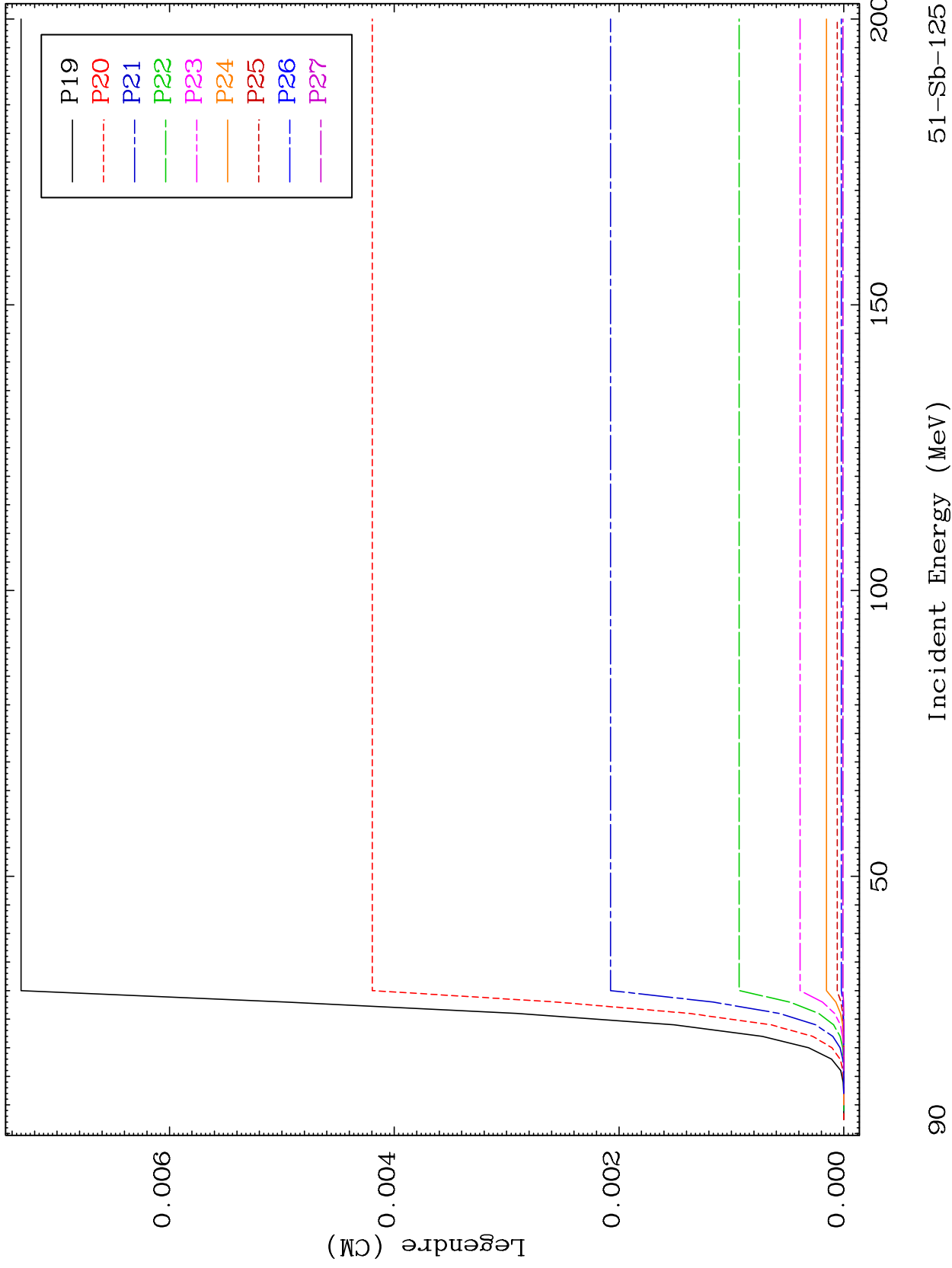
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

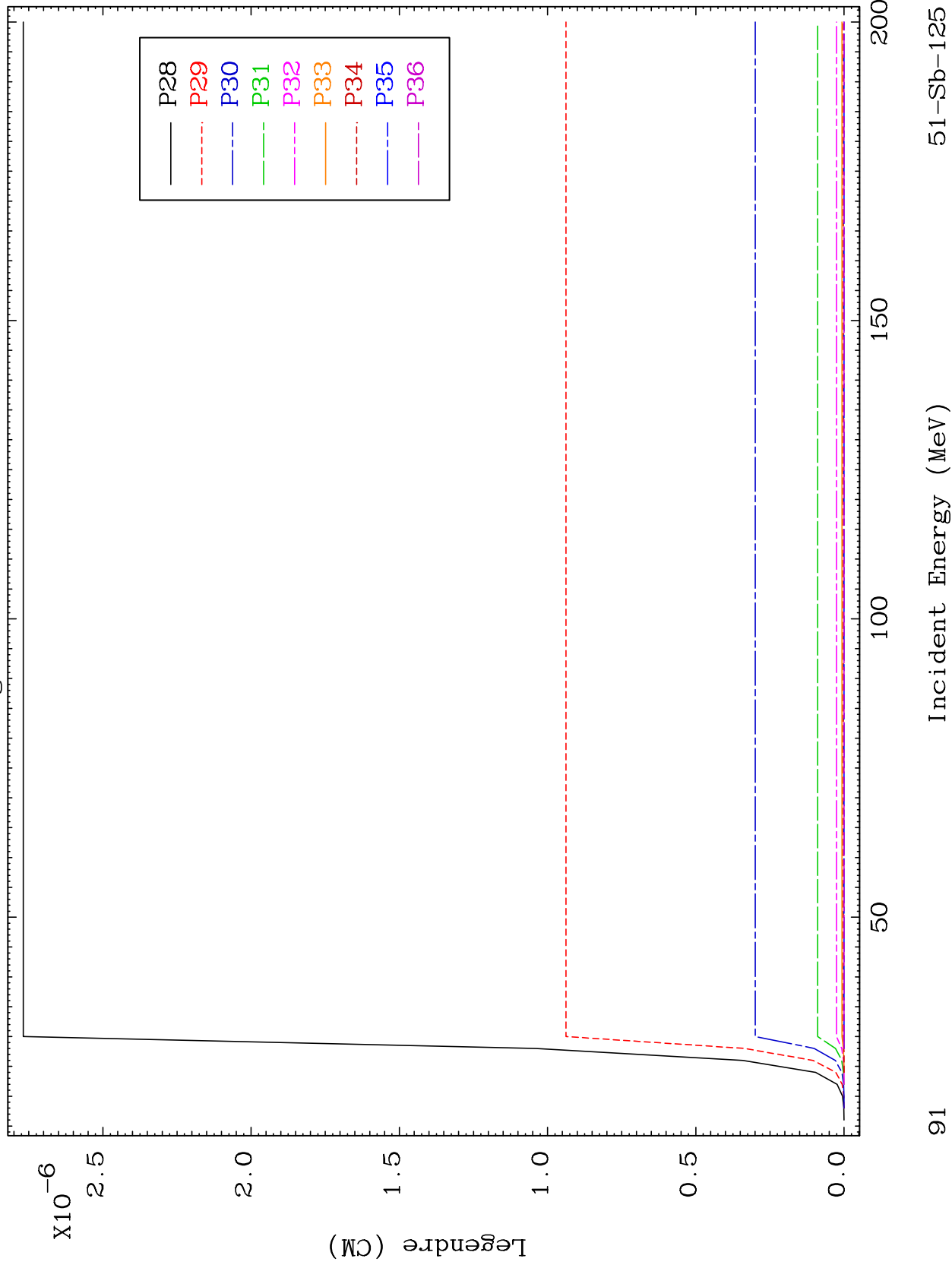
Incident Energy (MeV)

90

MAT 5137

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

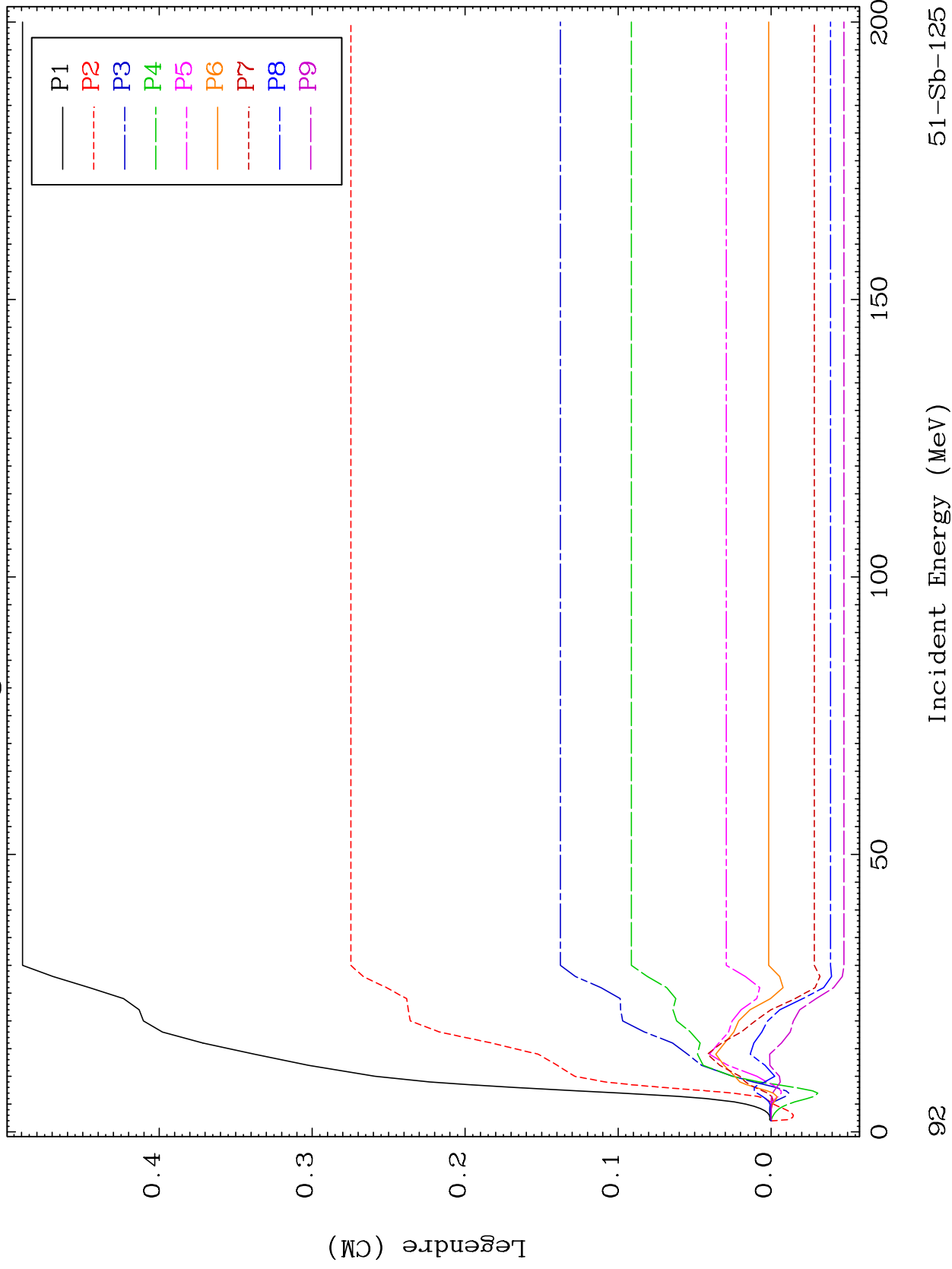
51-Sb-125



MAT 5137

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

51-Sb-125



92

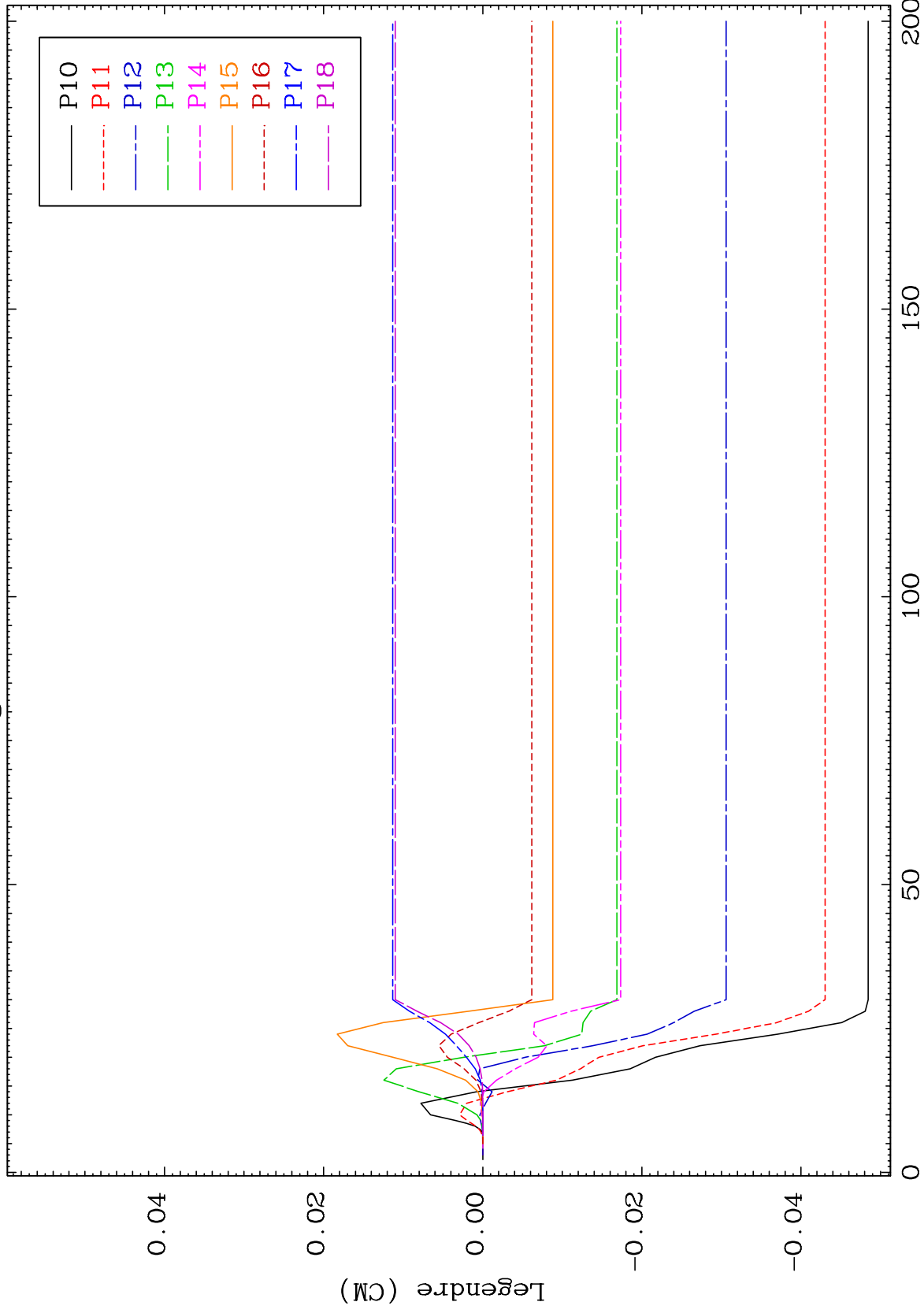
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



93

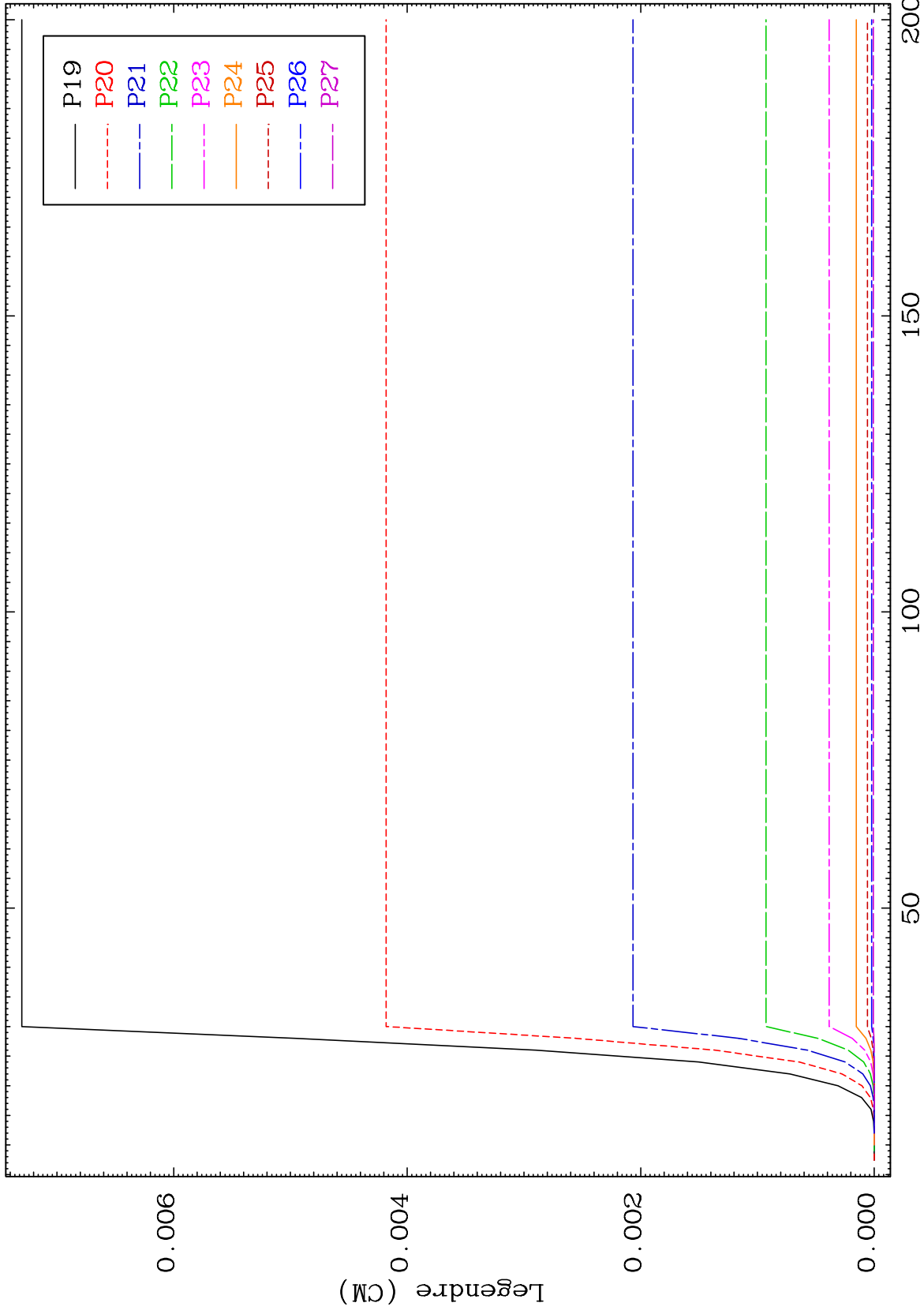
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



94

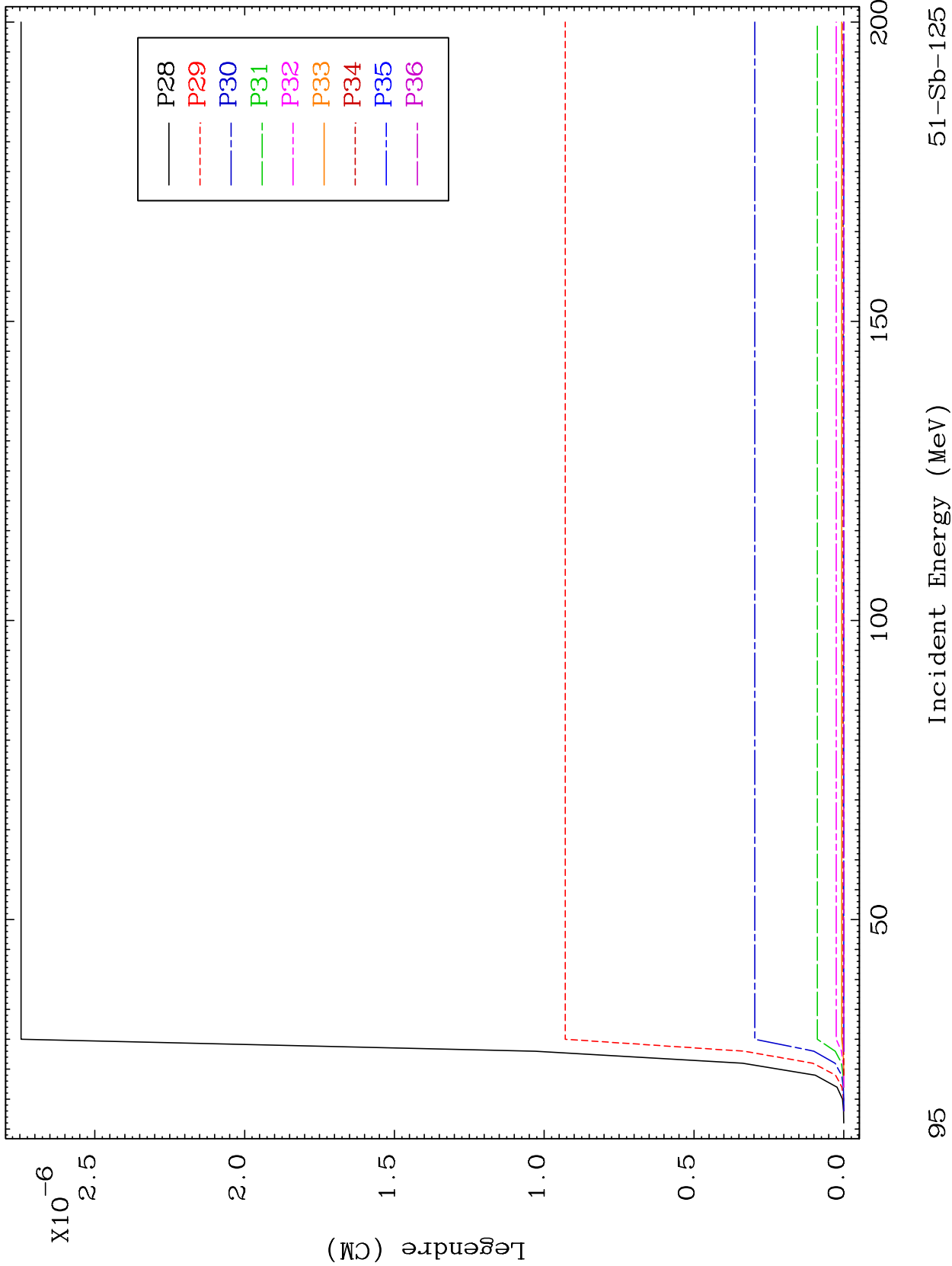
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125

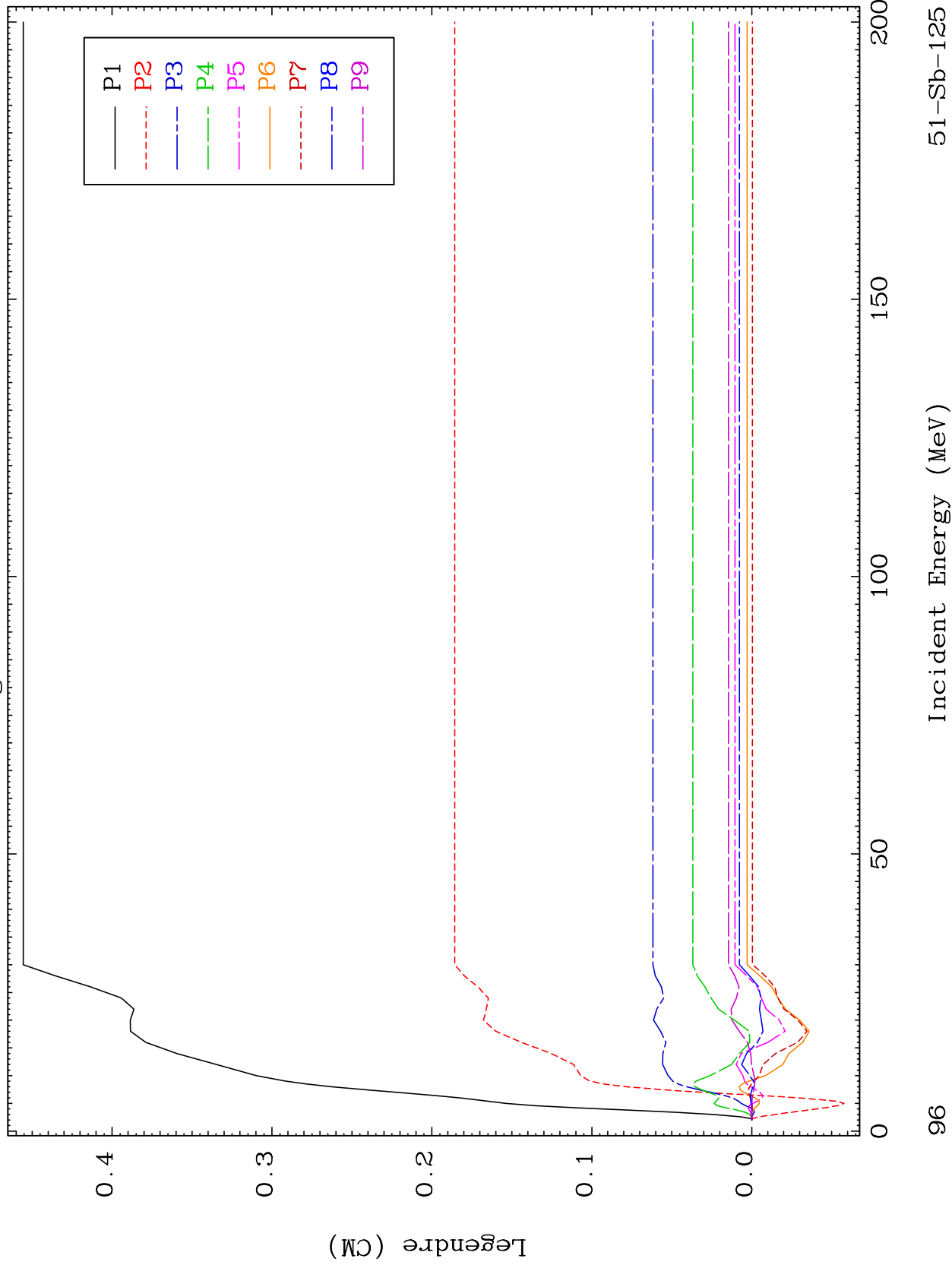




MAT 5137

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

51-Sb-125



51-Sb-125

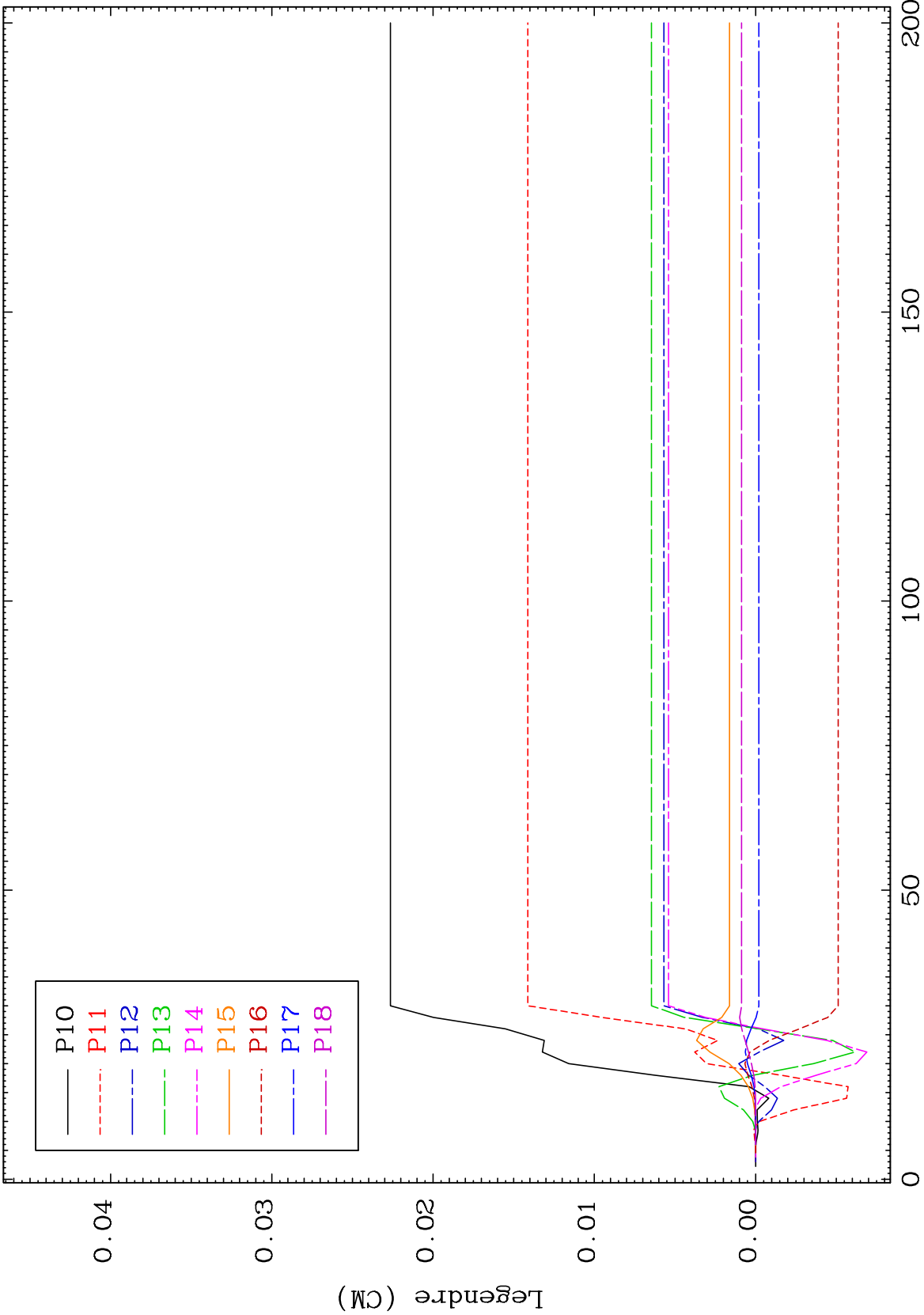
Incident Energy (MeV)

96

MAT 5137

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

51-Sb-125



97

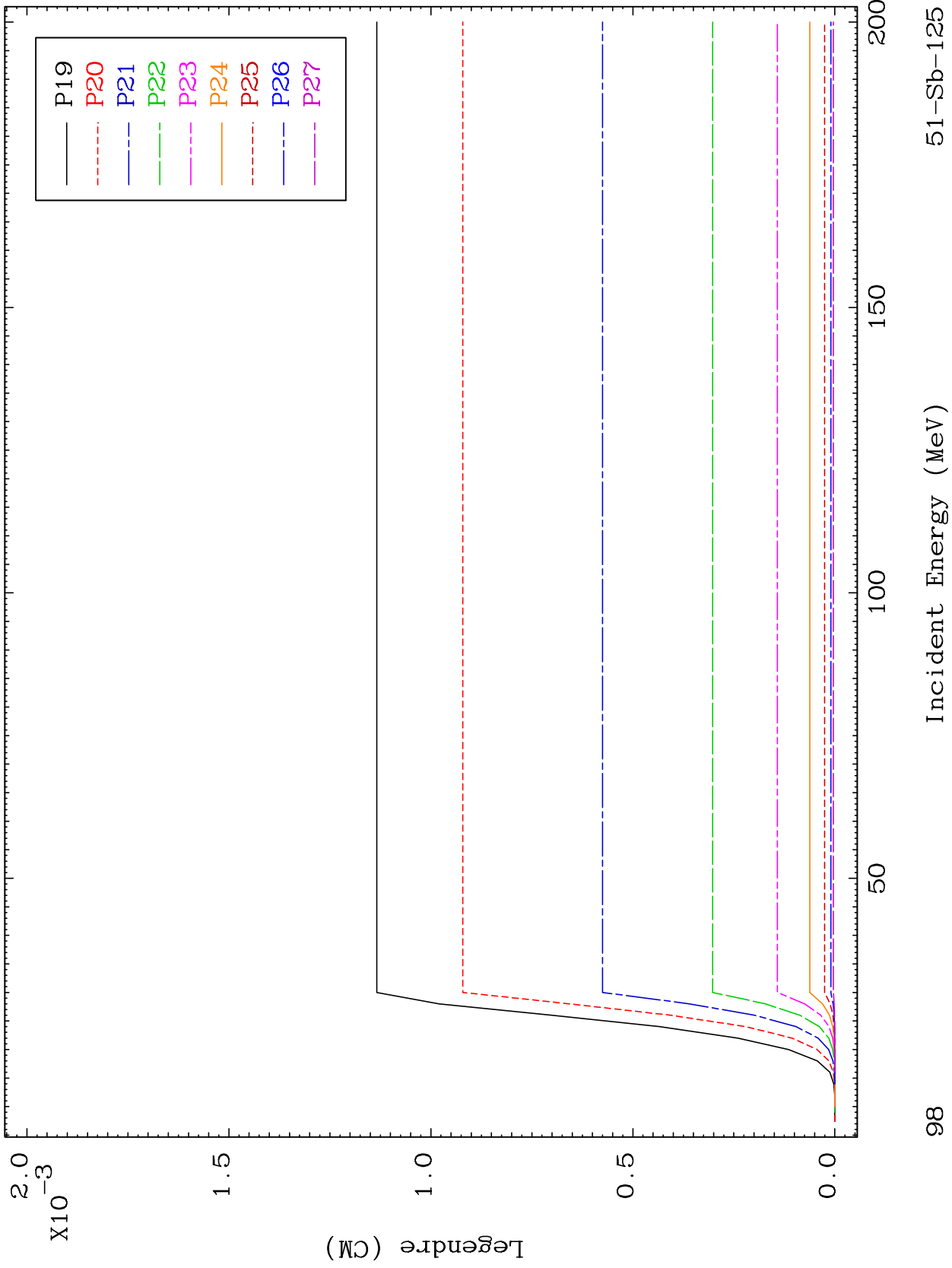
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

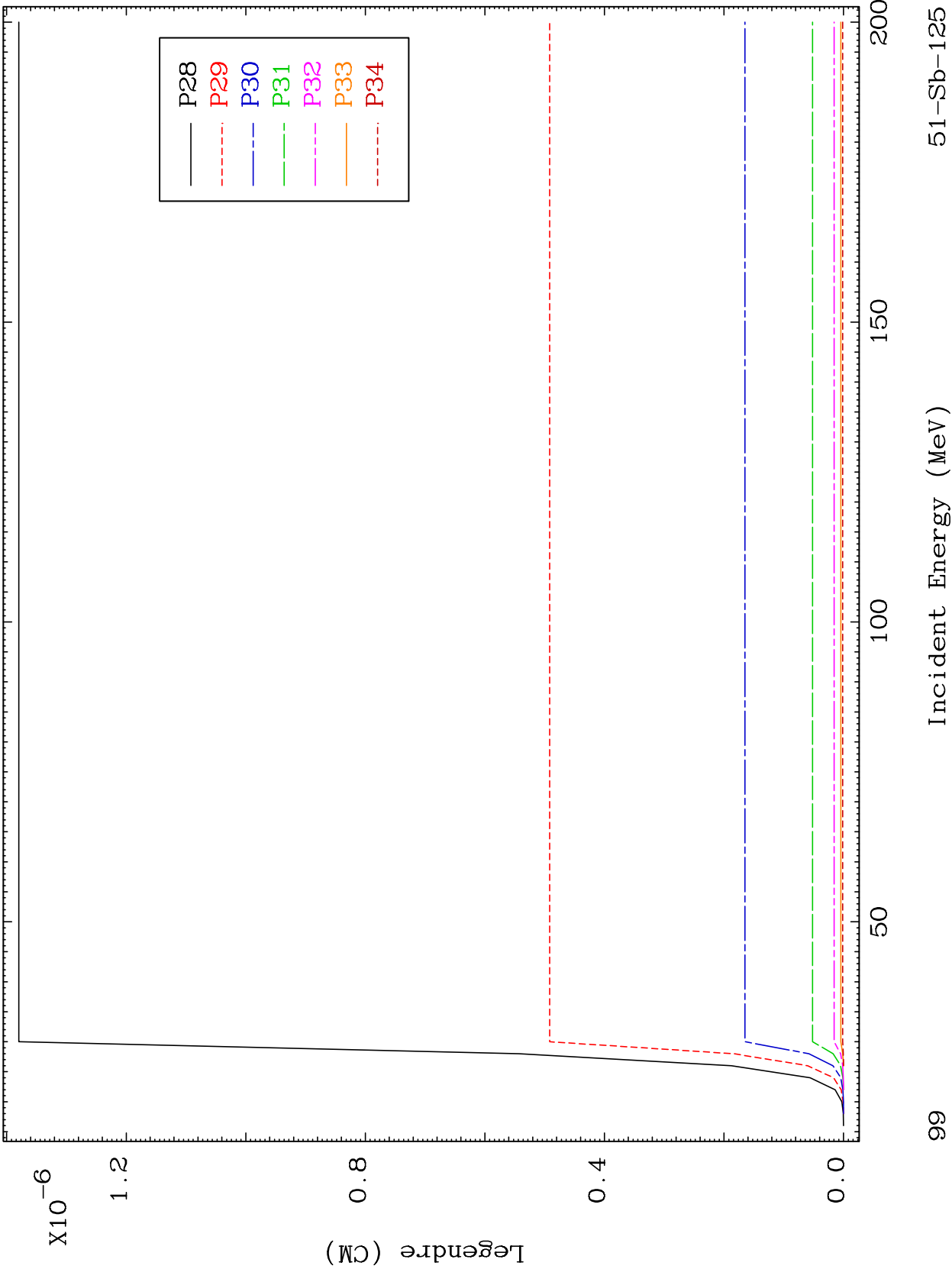
51-Sb-125



MAT 5137

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

51-Sb-125



99

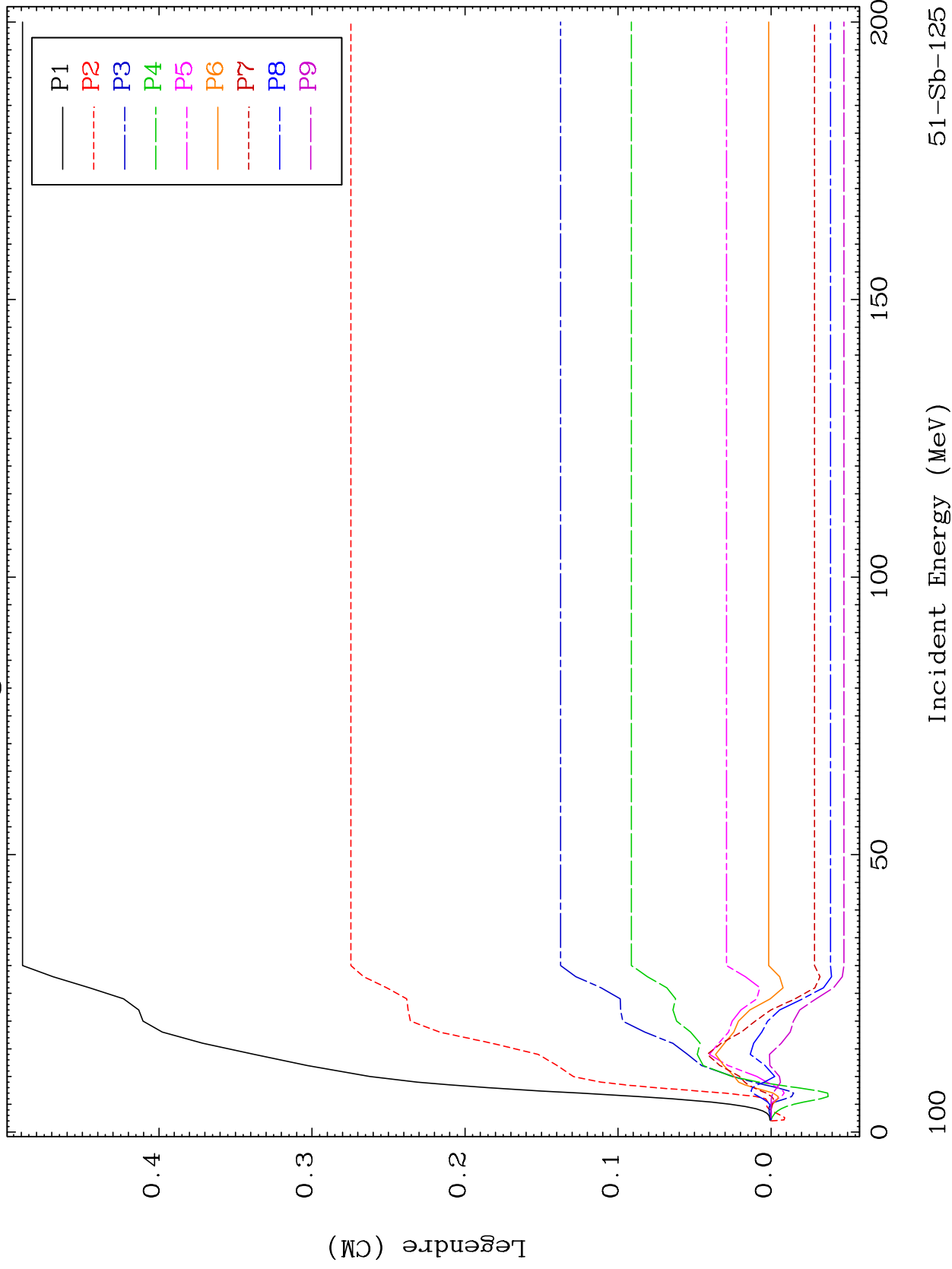
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

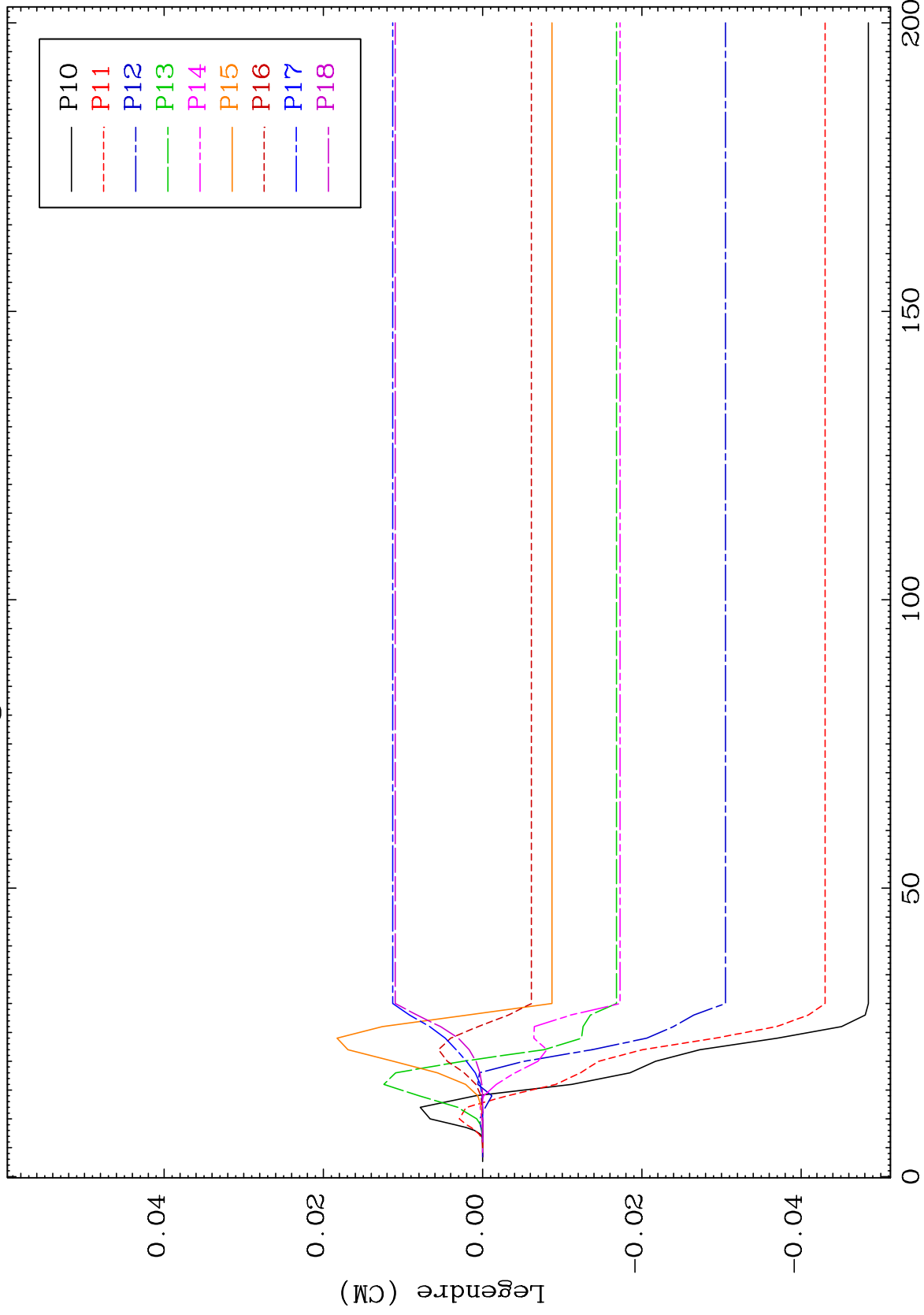
51-Sb-125



MAT 5137

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

51-Sb-125



101

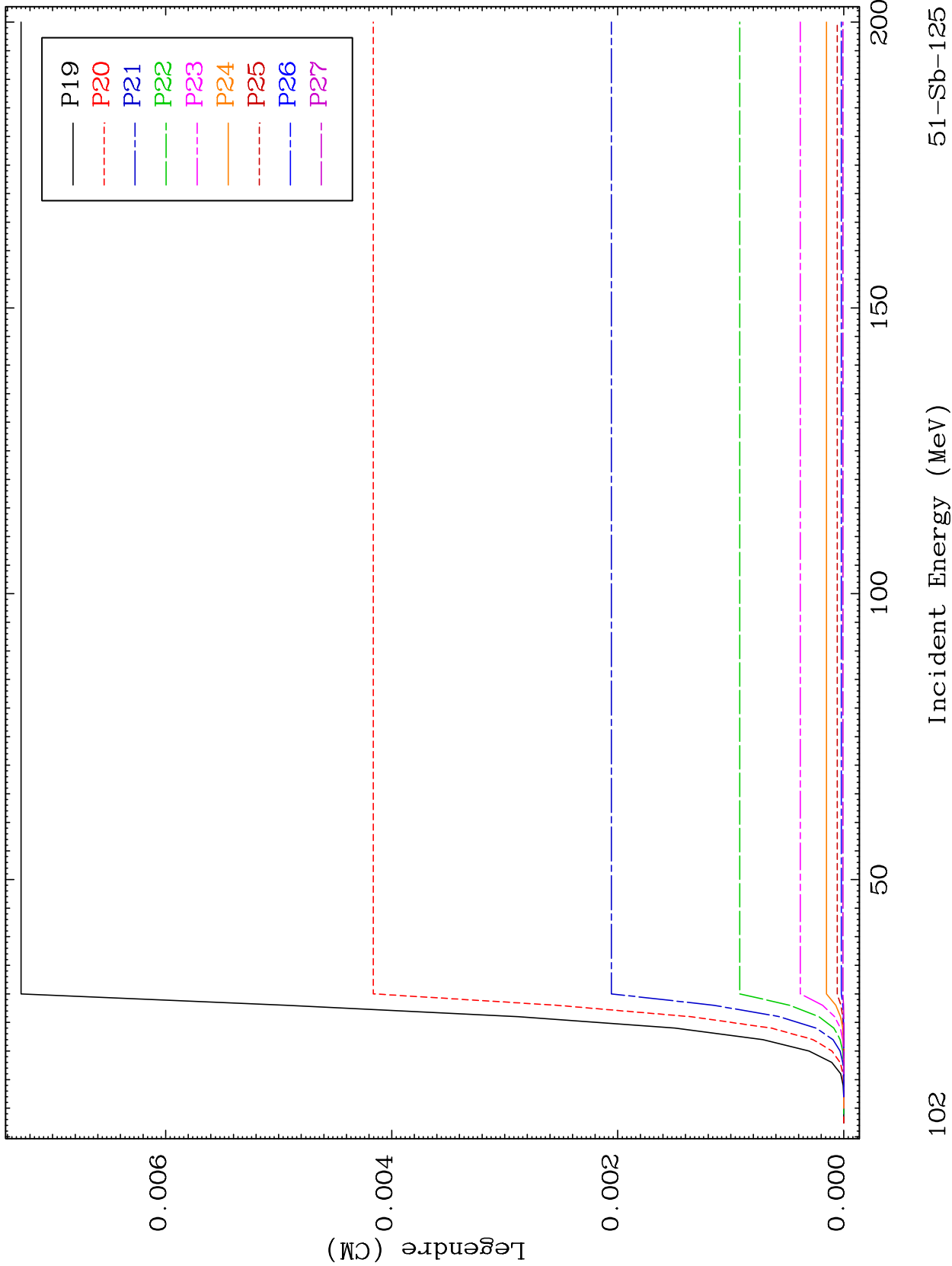
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



102

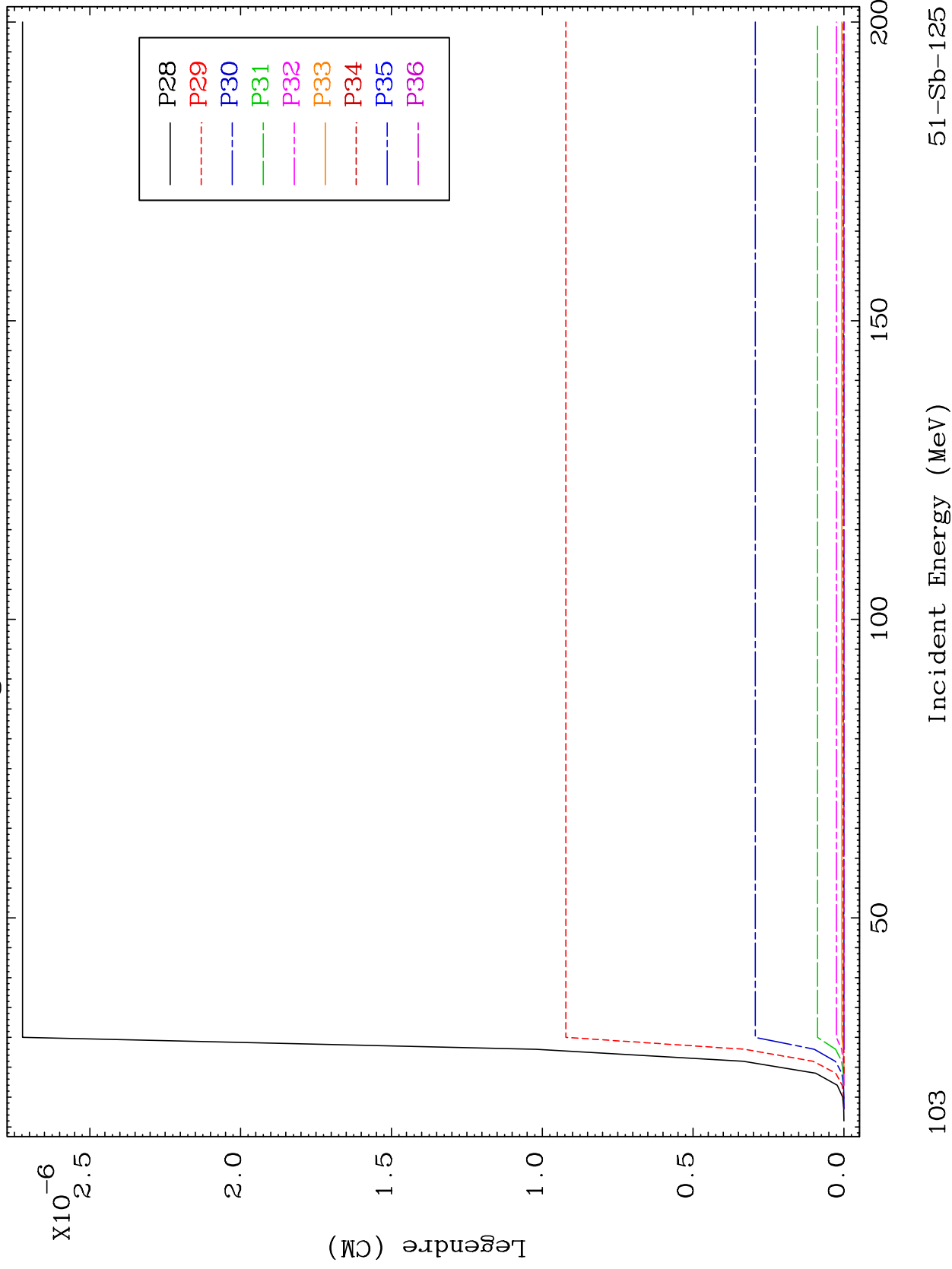
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



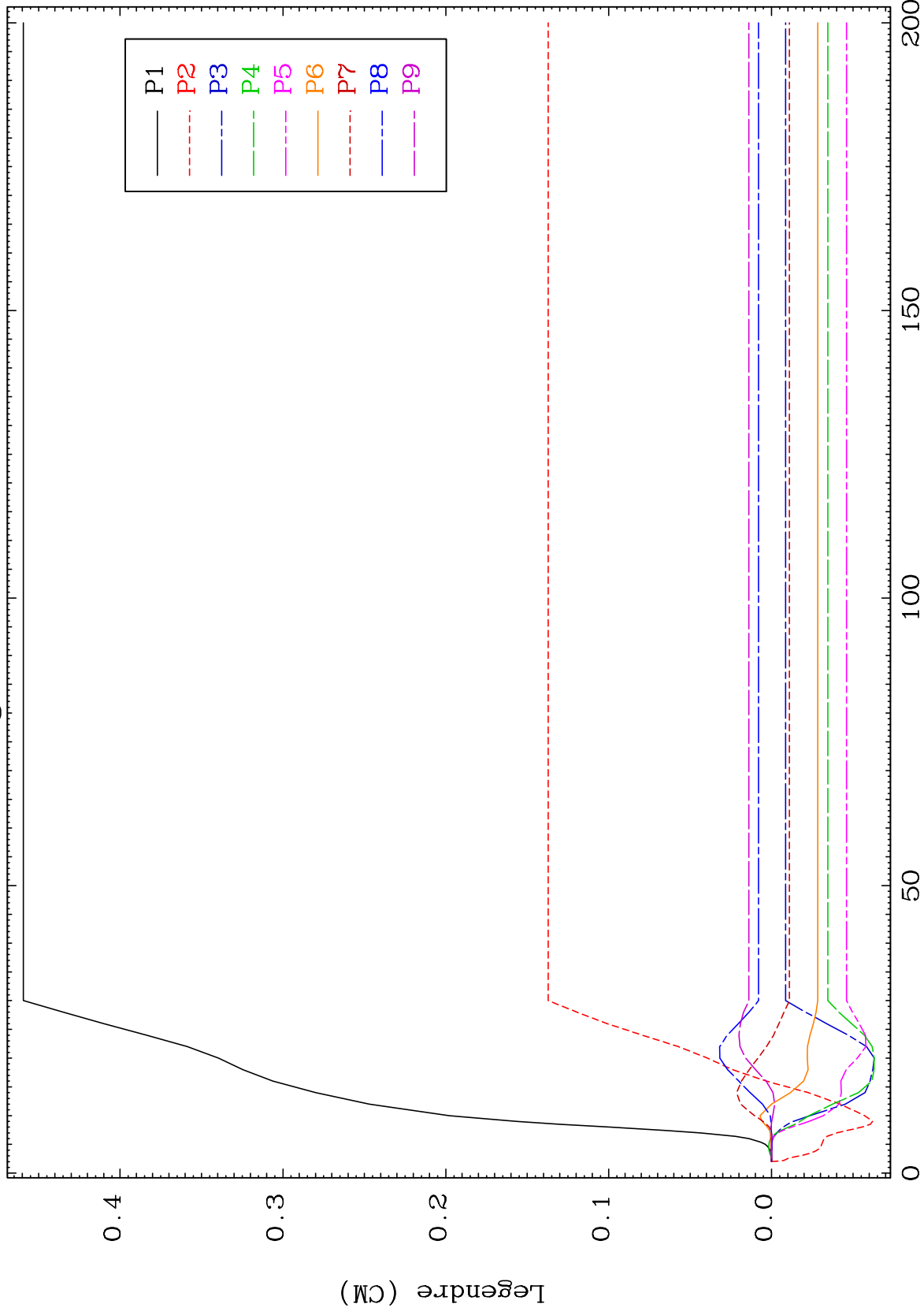
103



MAT 5137

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

51-Sb-125



51-Sb-125

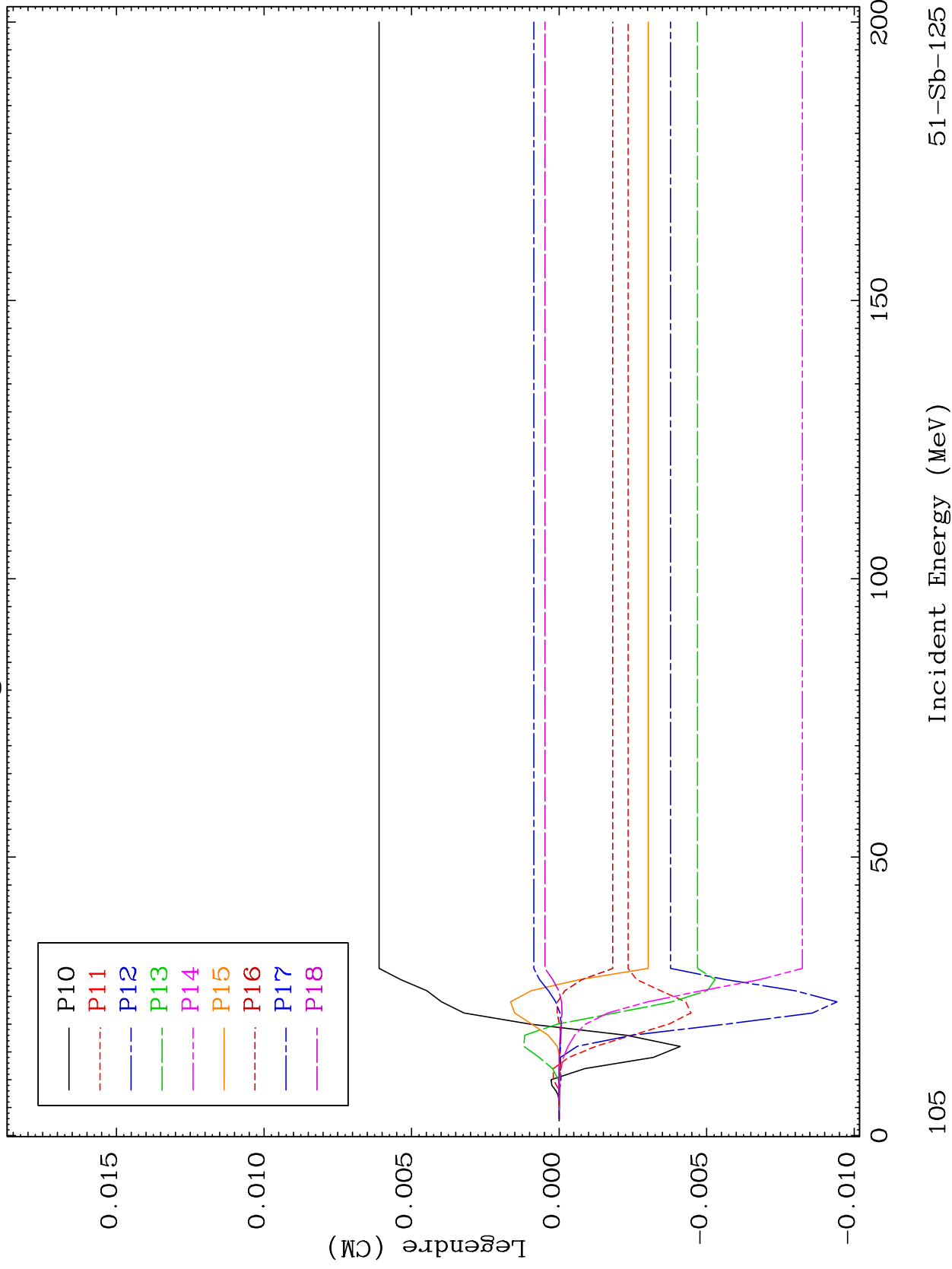
Incident Energy (MeV)

104

MAT 5137

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

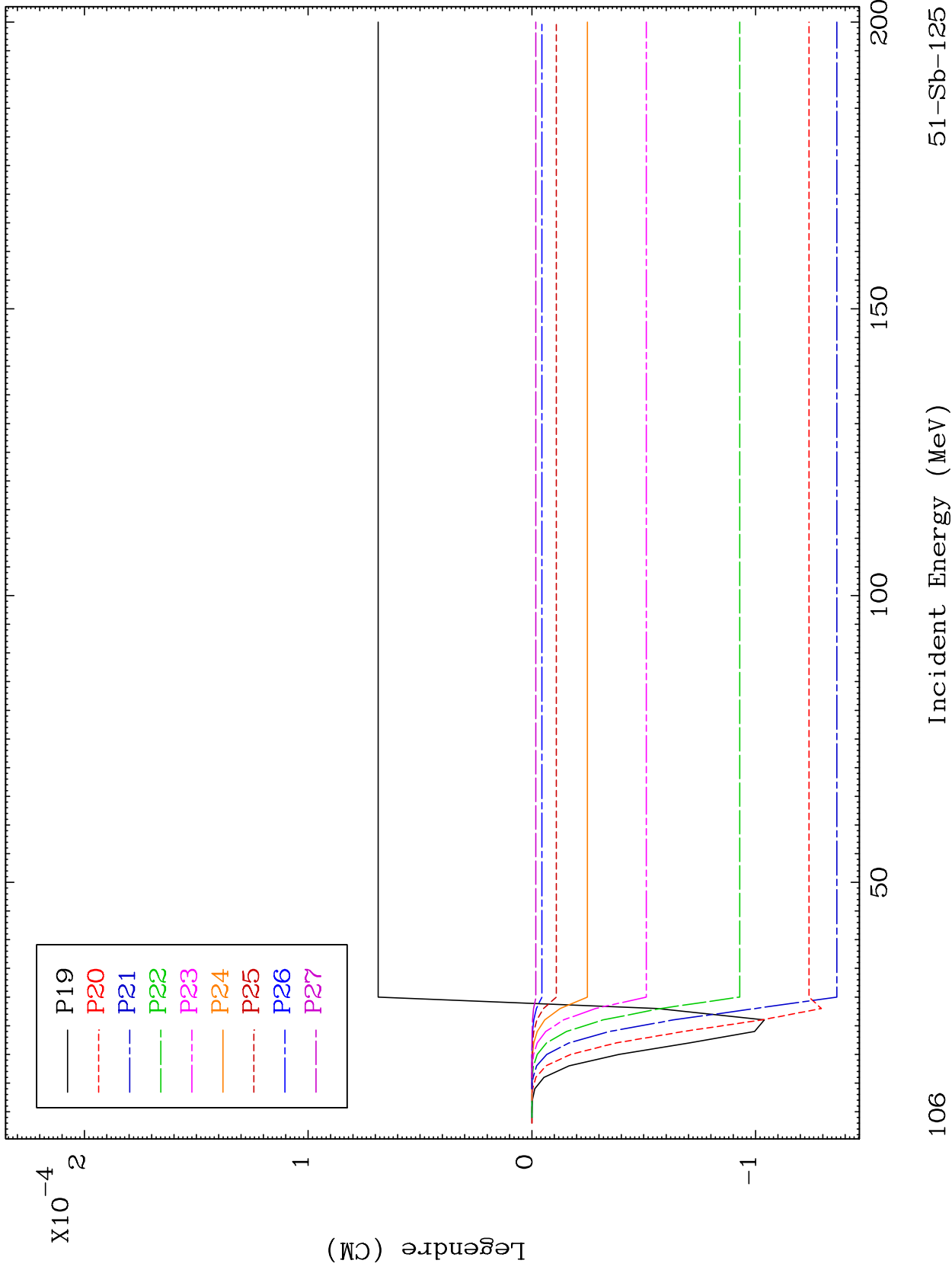
51-Sb-125



51-Sb-125

Incident Energy (MeV)

105

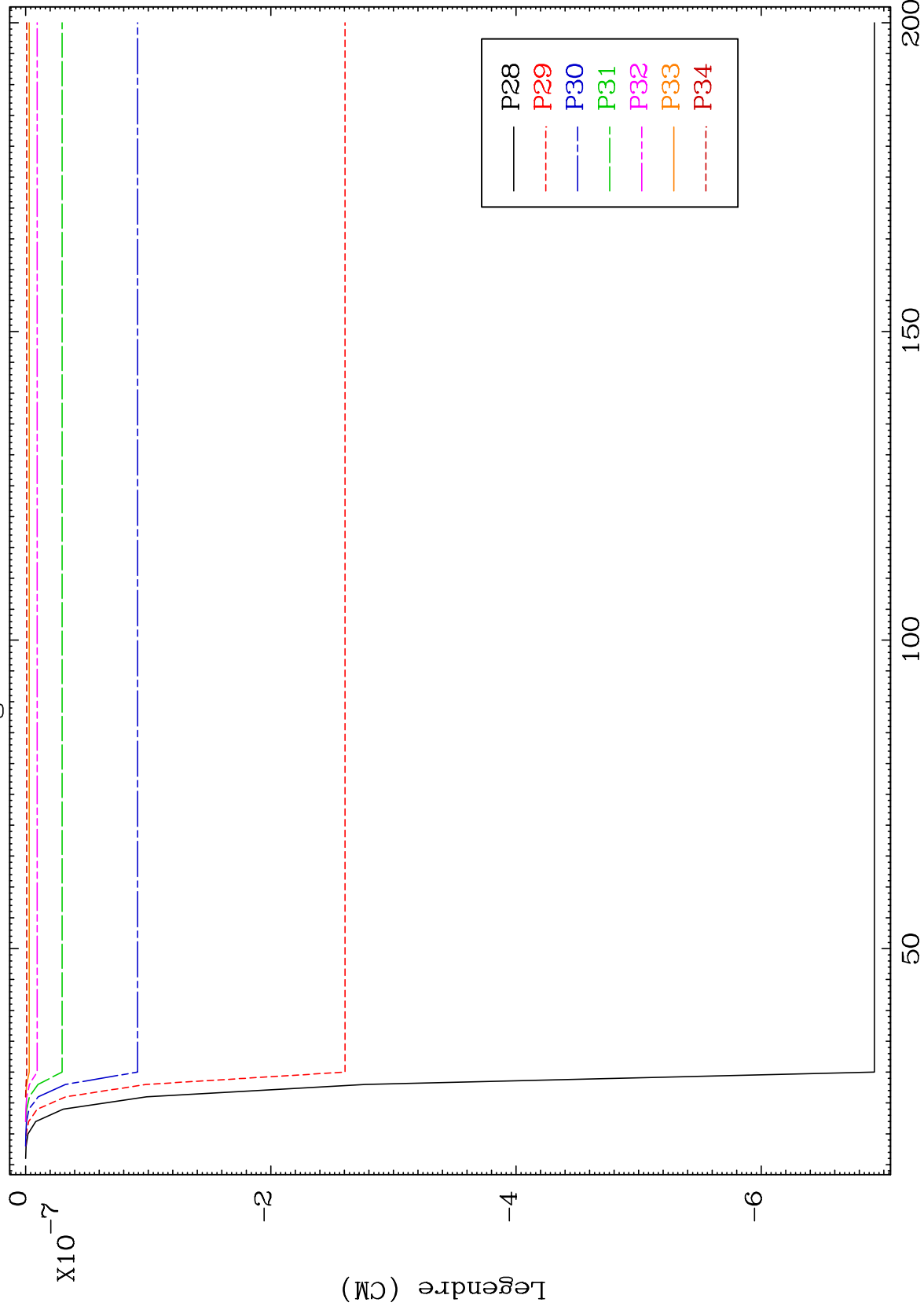


MAT 5137

MT= 72 (n,n') Level

51-Sb-125

Legendre Coefficients



107

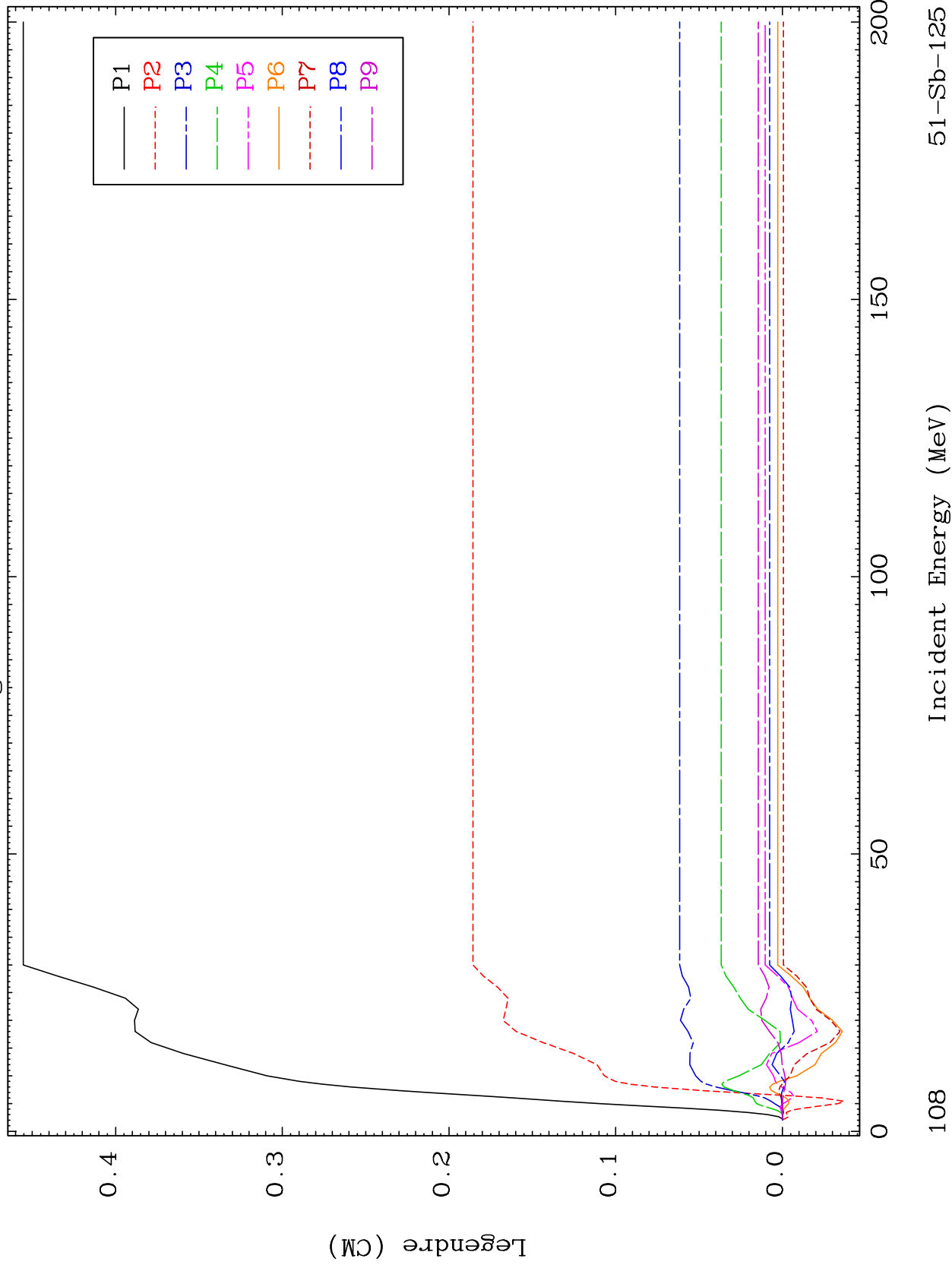
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

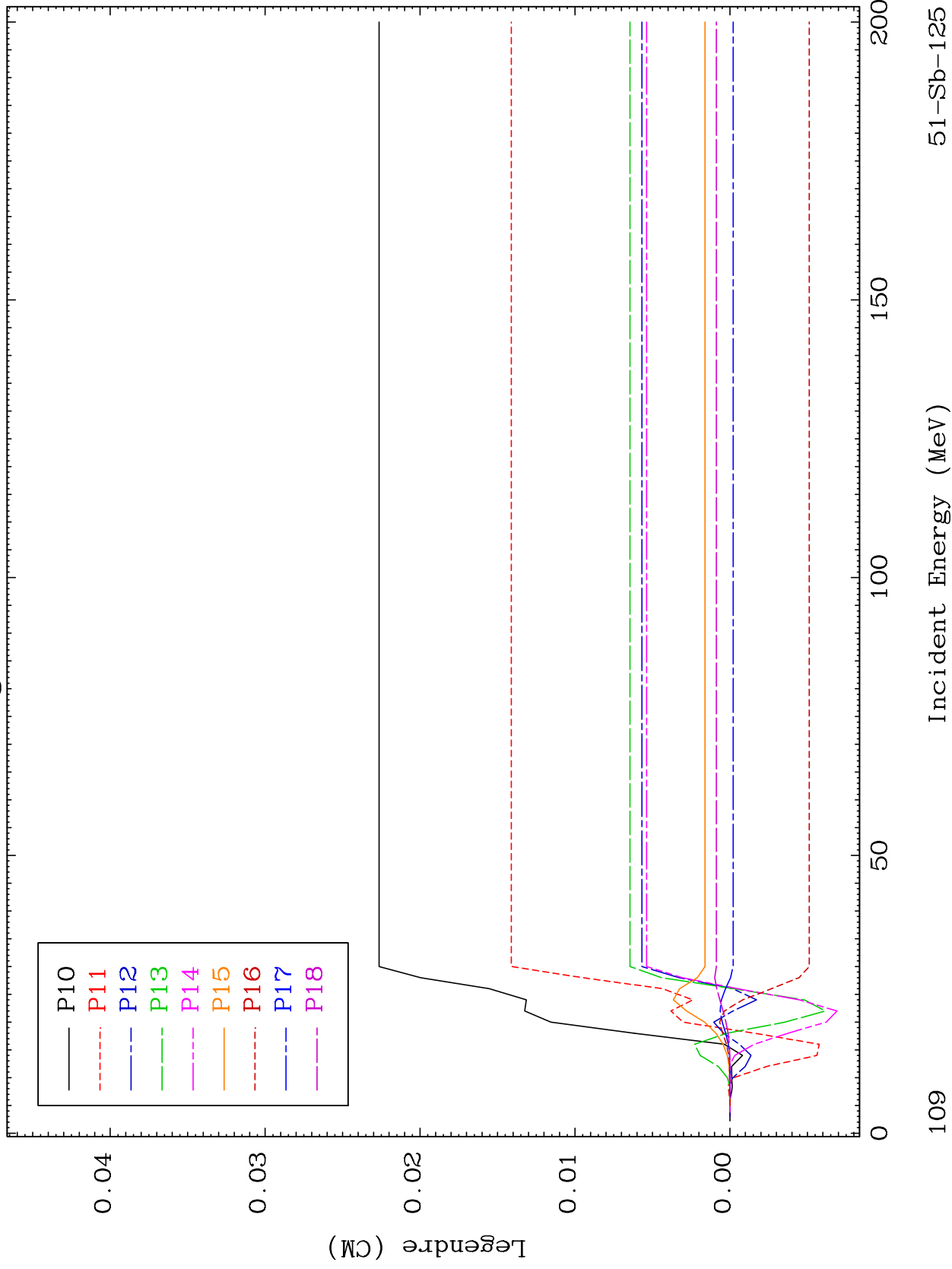
Incident Energy (MeV)

108

MAT 5137

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

51-Sb-125



109

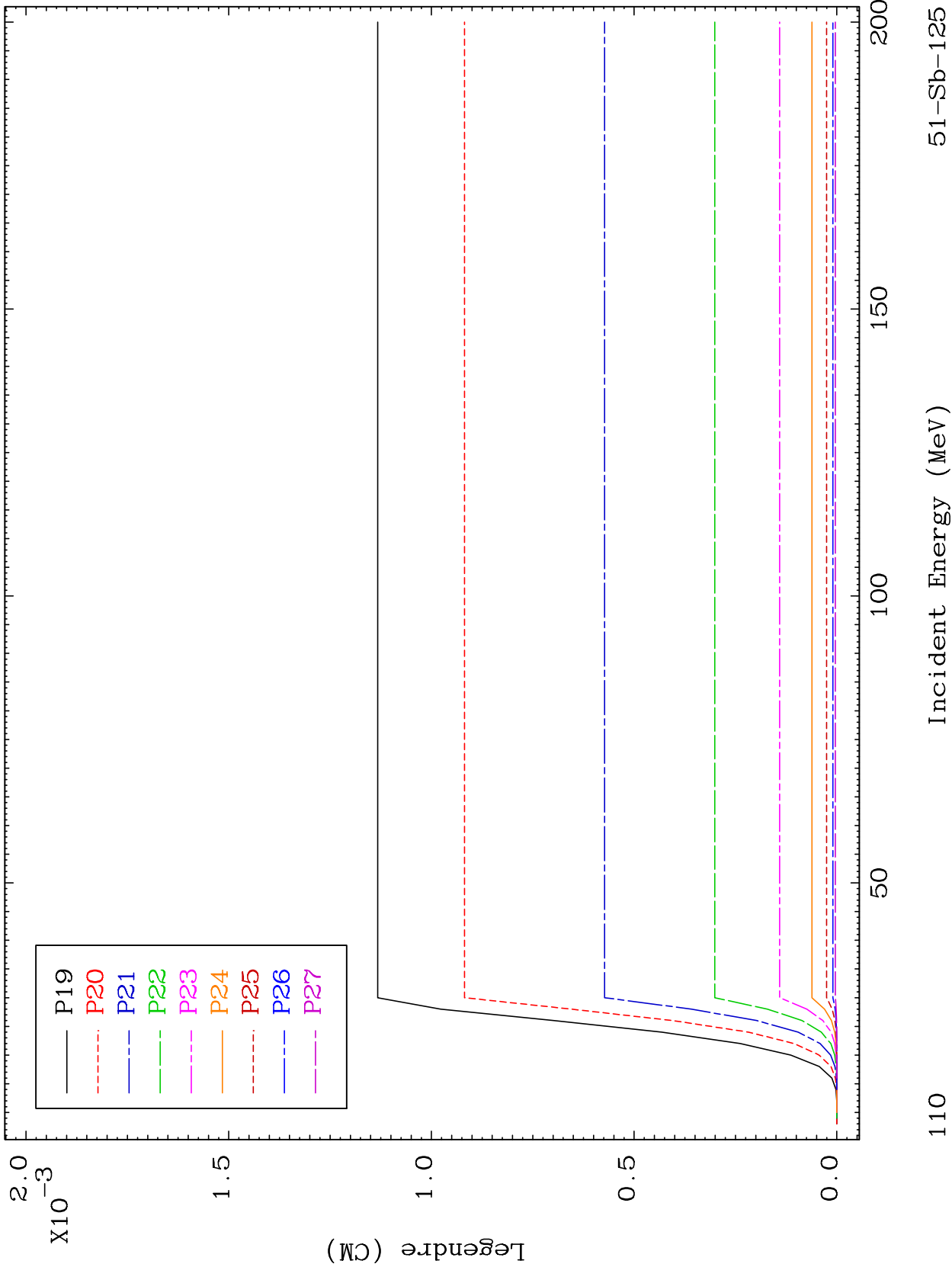
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

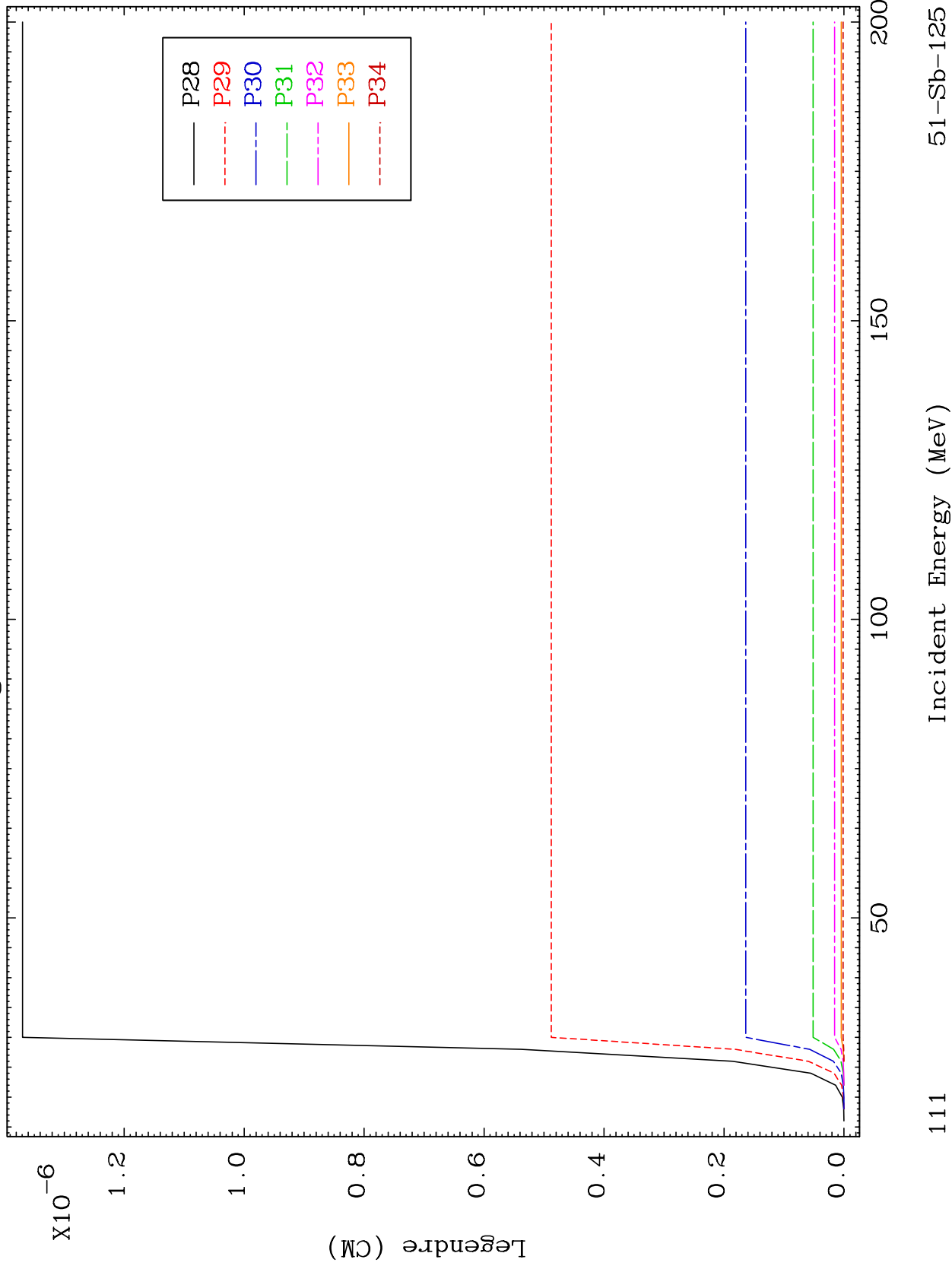
51-Sb-125



MAT 5137

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

51-Sb-125

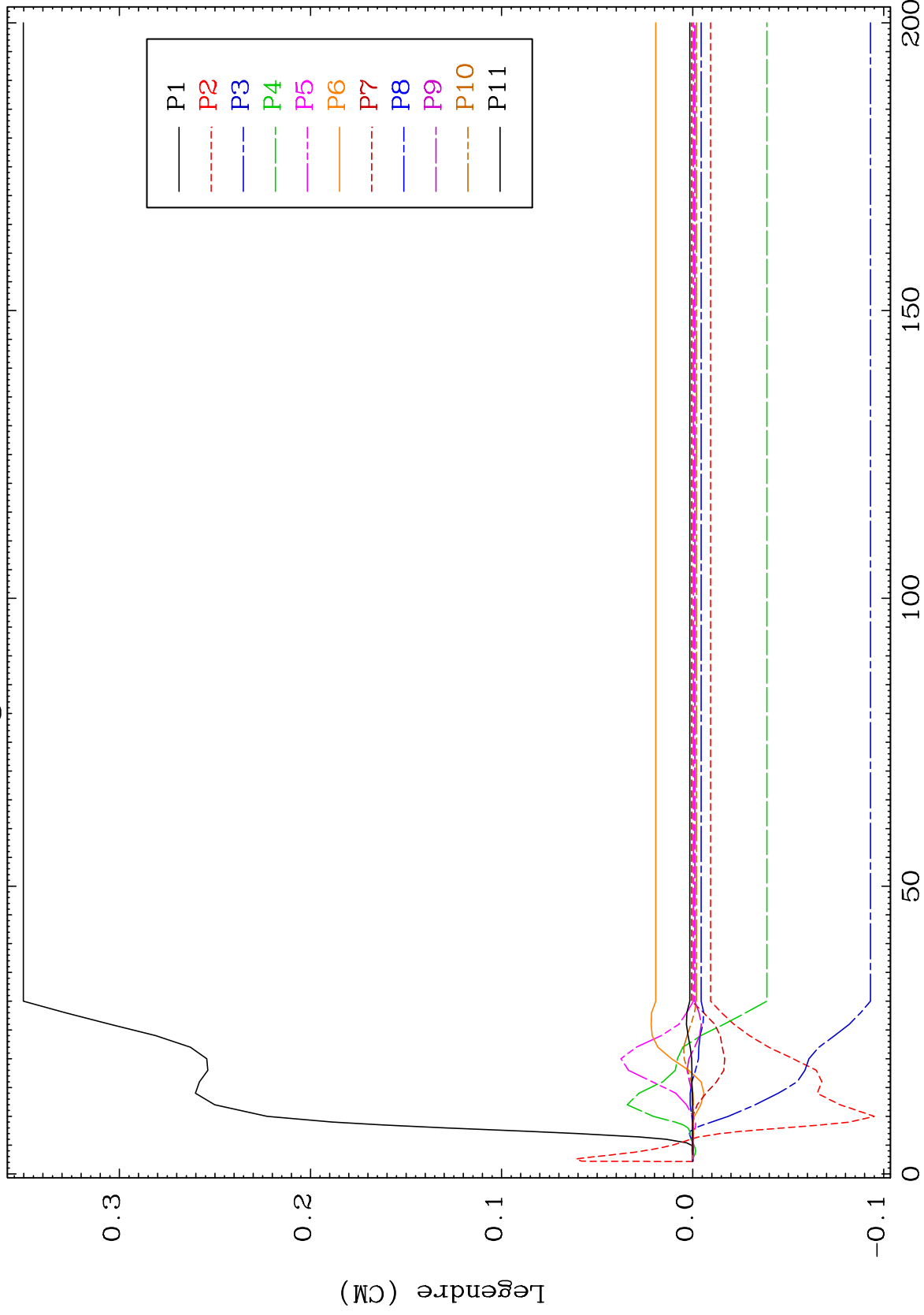




MAT 5137

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

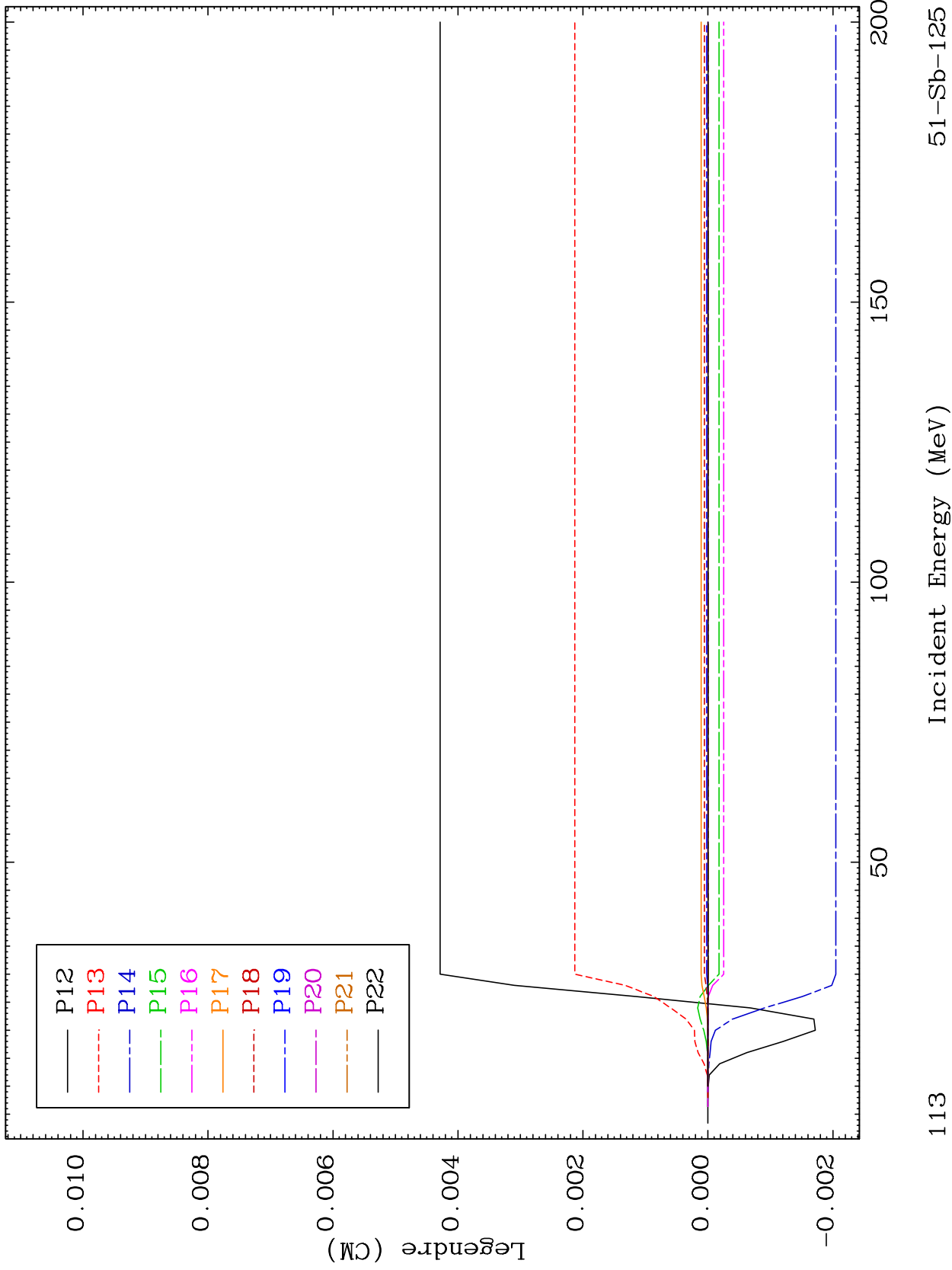
51-Sb-125



112

Incident Energy (MeV)

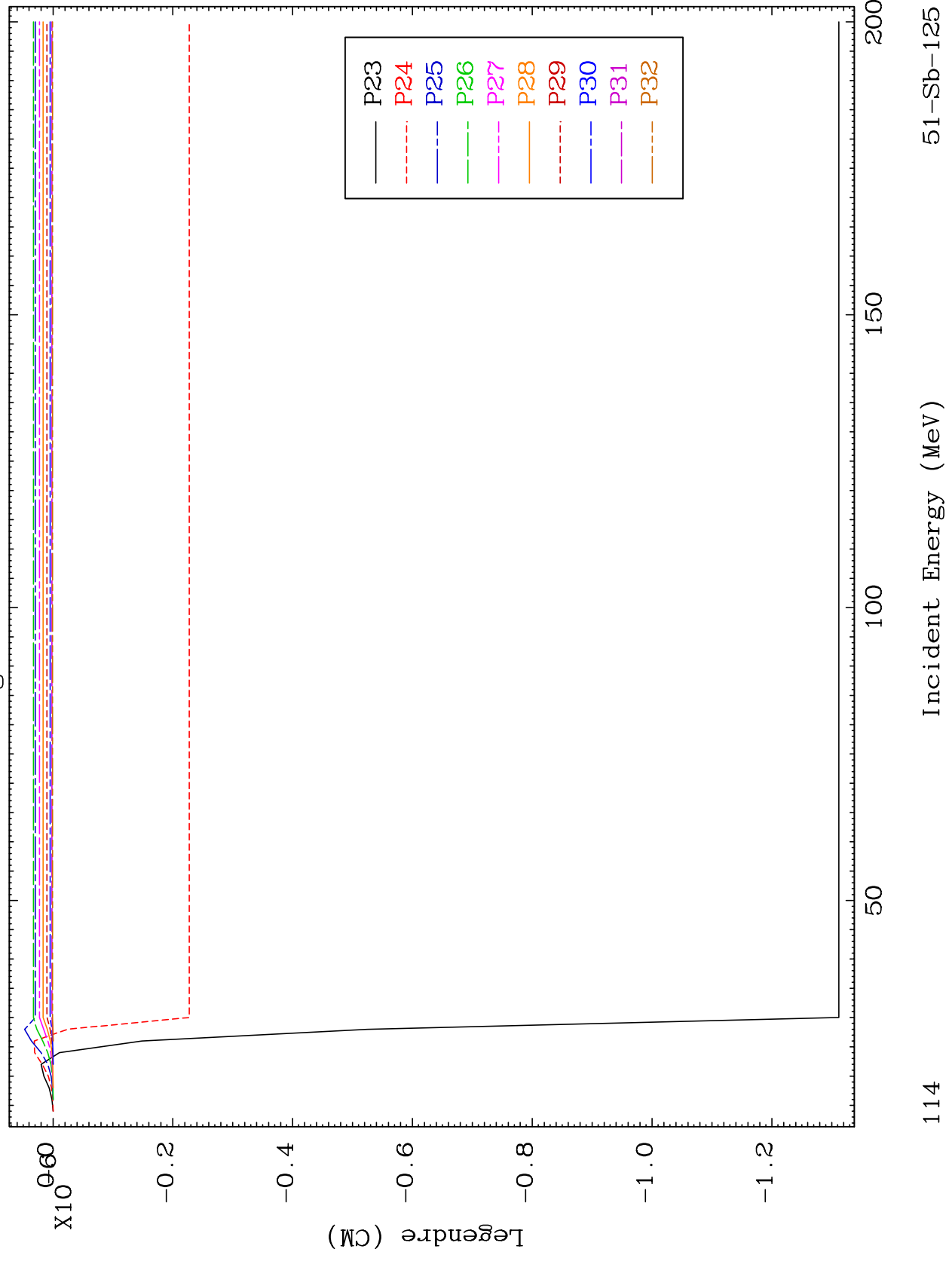
51-Sb-125



MAT 5137

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

51-Sb-125



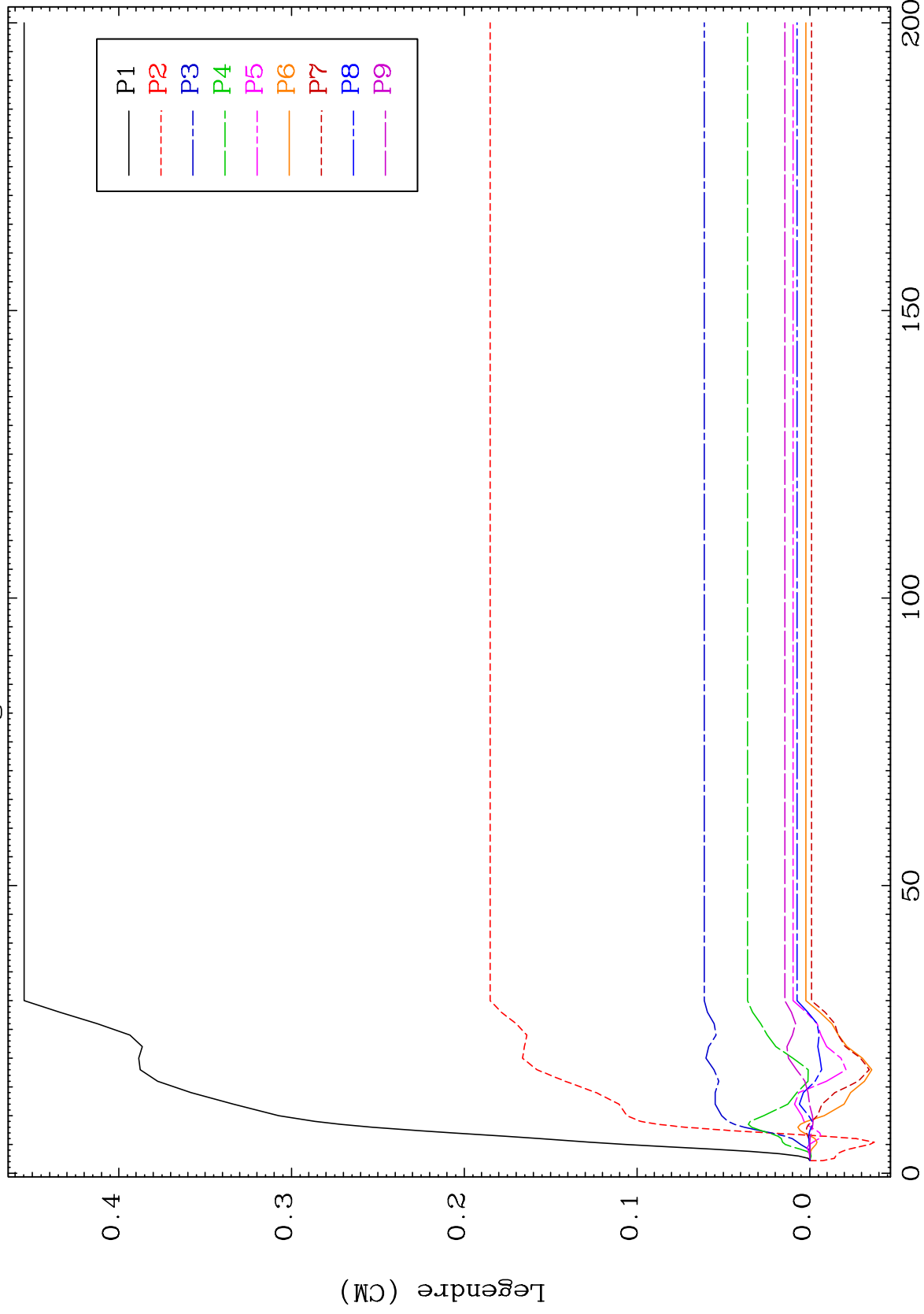
114

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

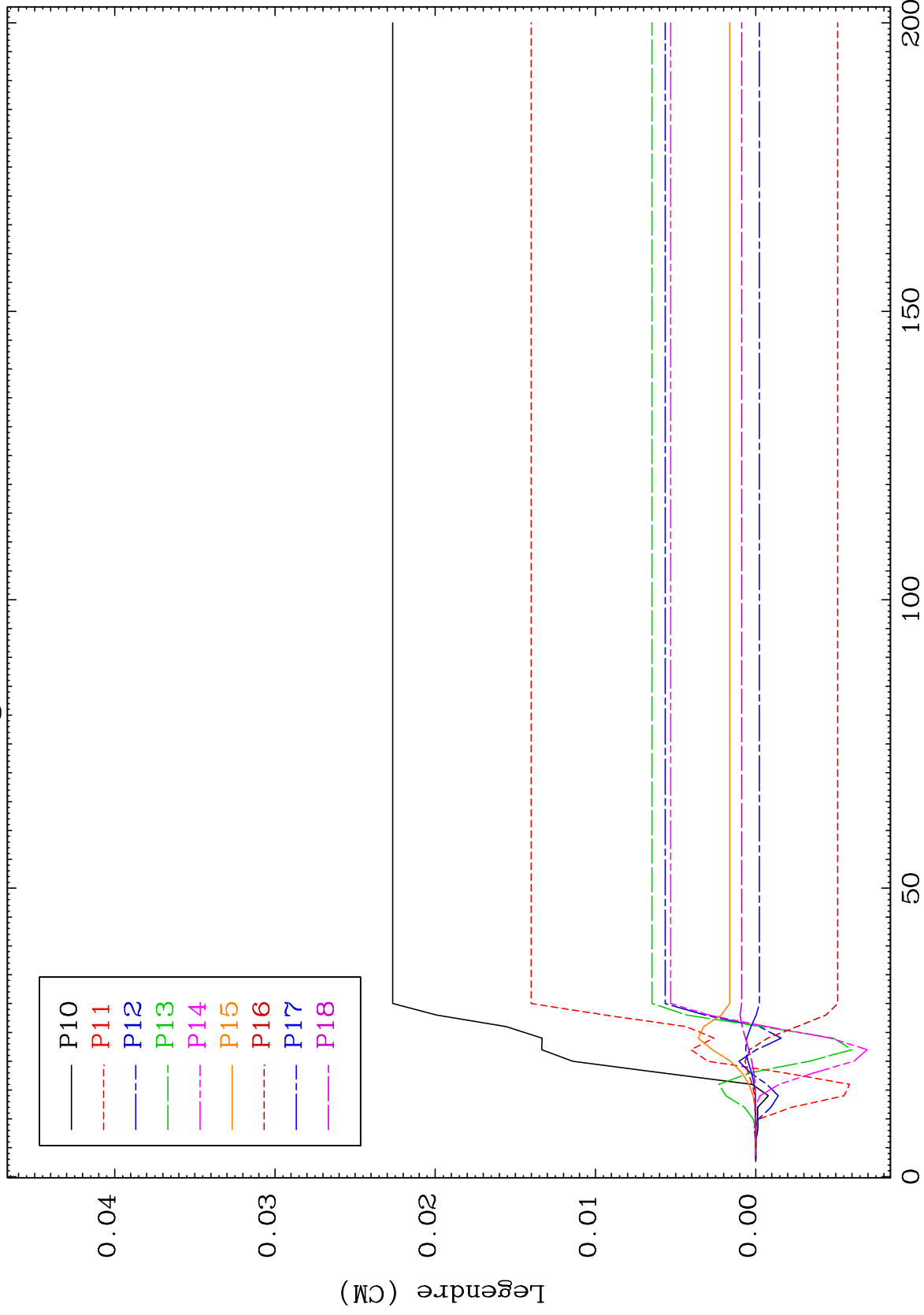
Incident Energy (MeV)

115

MAT 5137

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

51-Sb-125



116

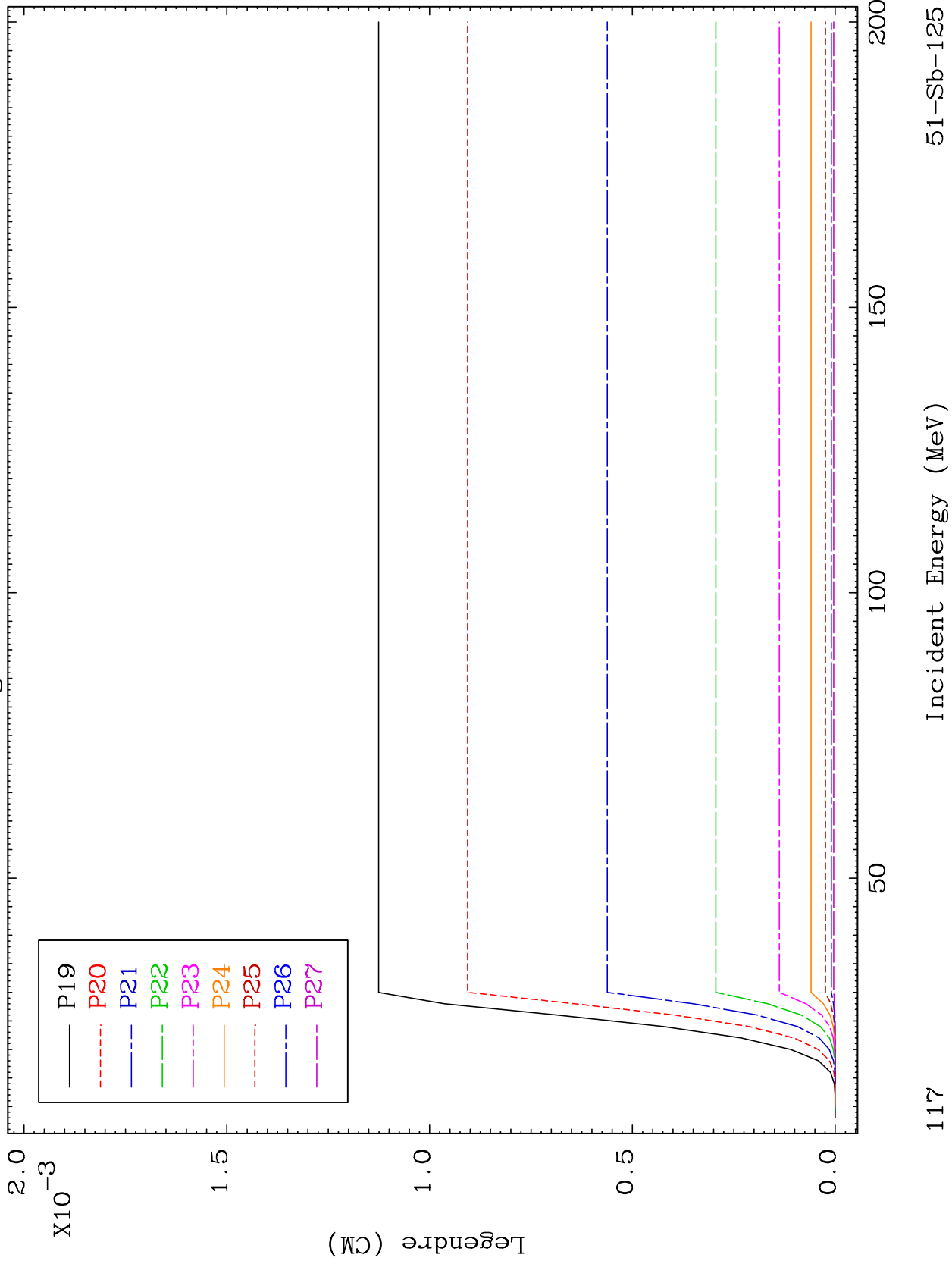
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

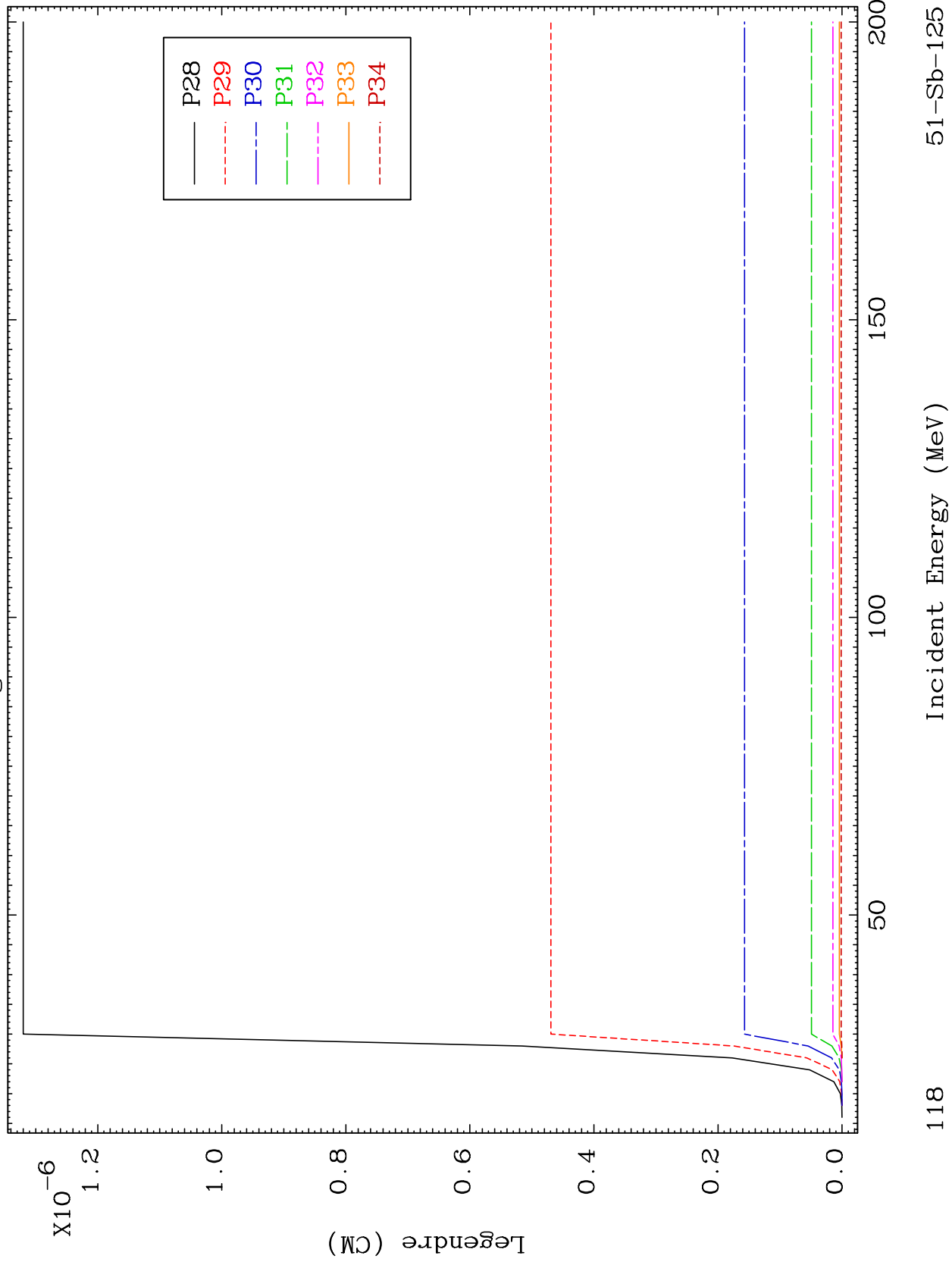
51-Sb-125



MAT 5137

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

51-Sb-125



118

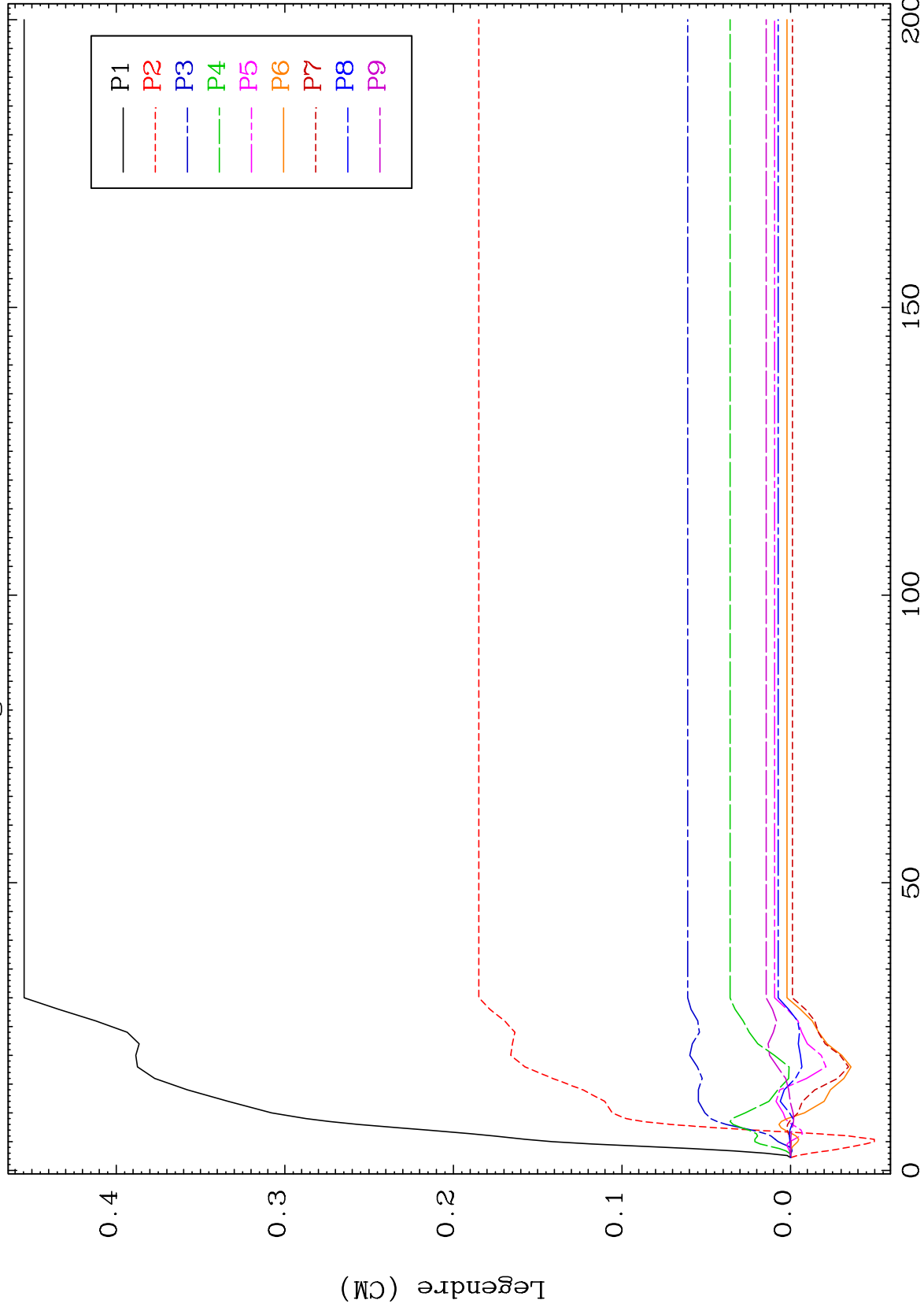
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



119

Incident Energy (MeV)

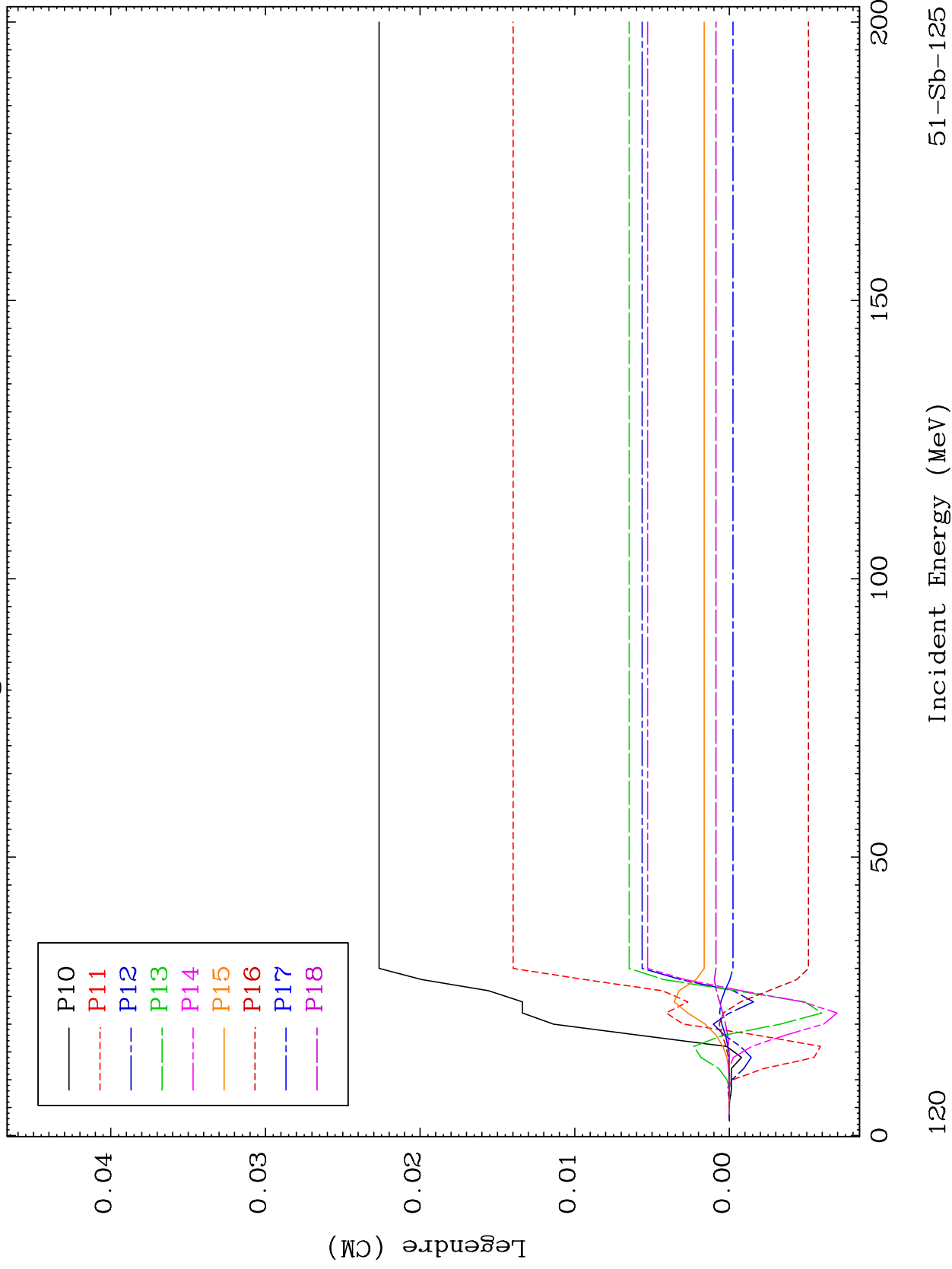
51-Sb-125



MAT 5137

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

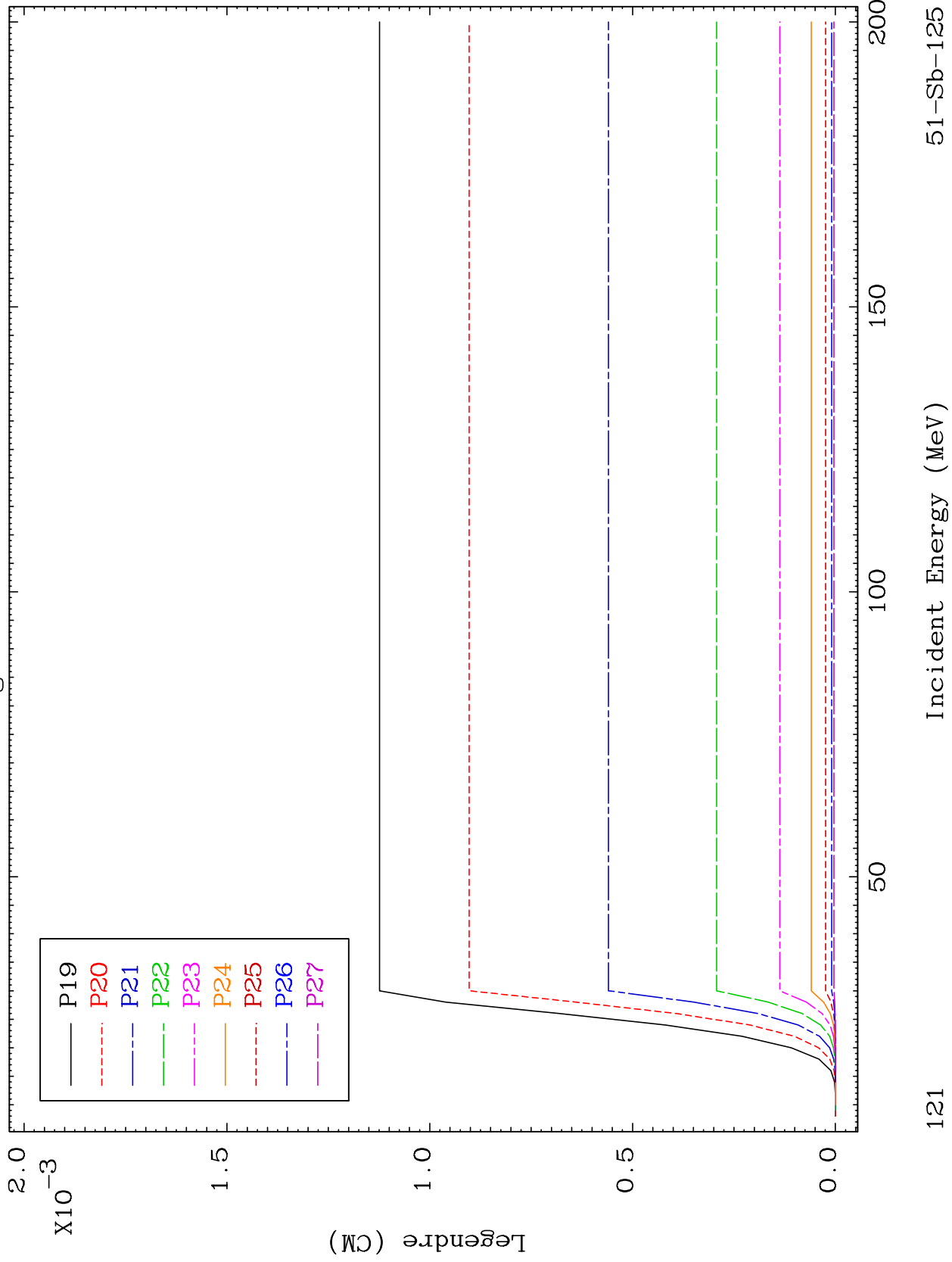
51-Sb-125



MAT 5137

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

51-Sb-125



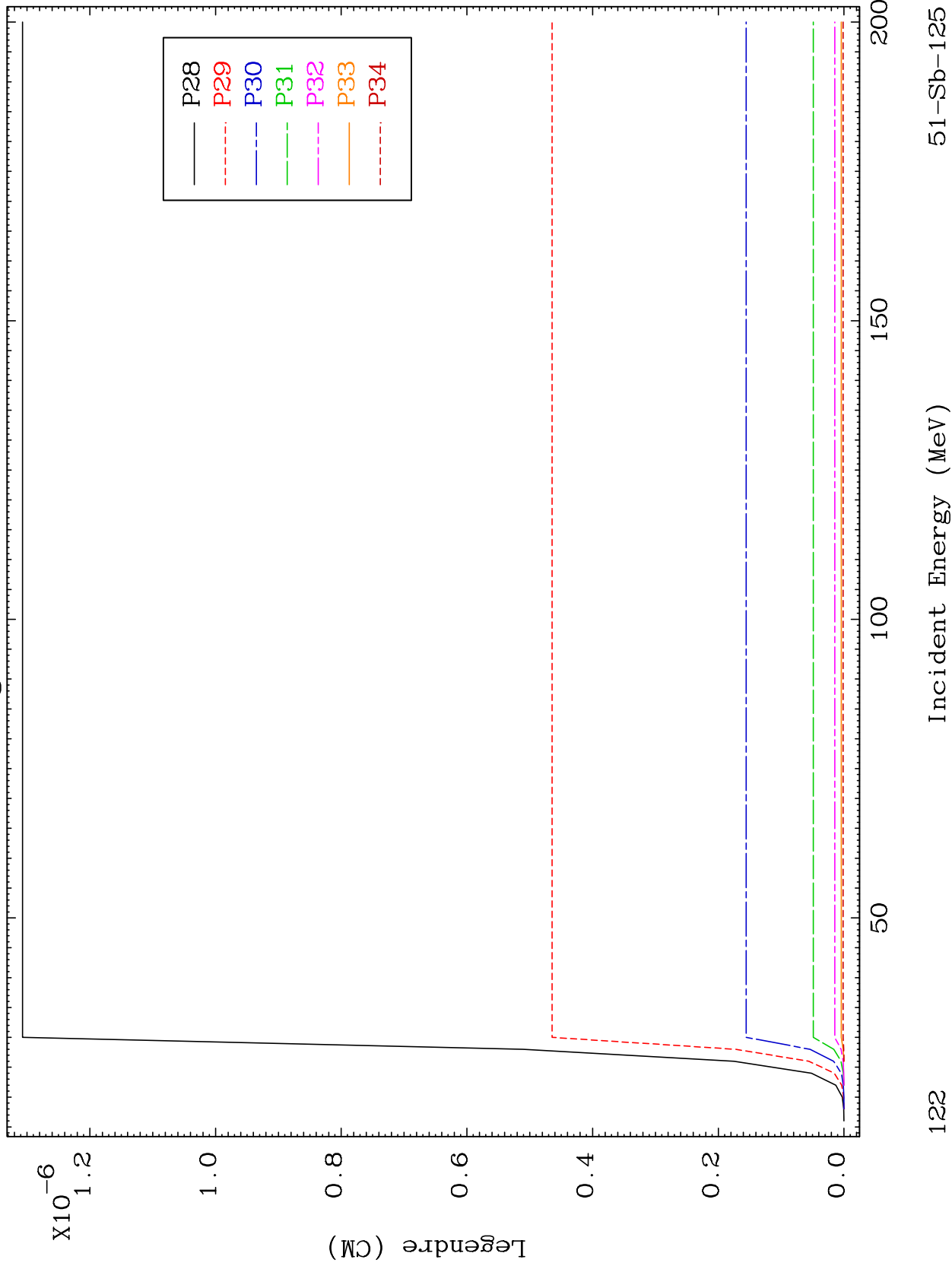
121

51-Sb-125

MAT 5137

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

51-Sb-125



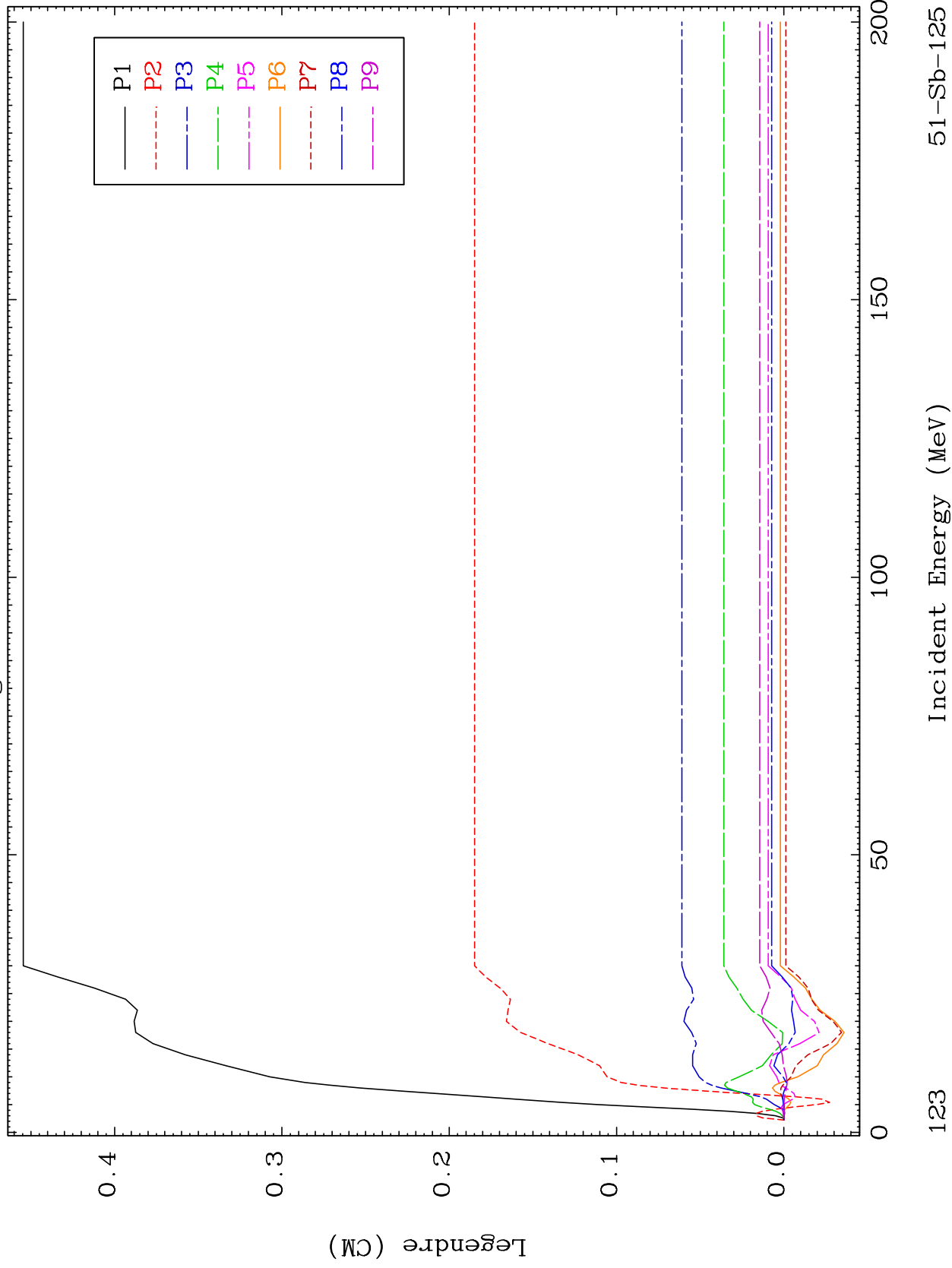
122

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

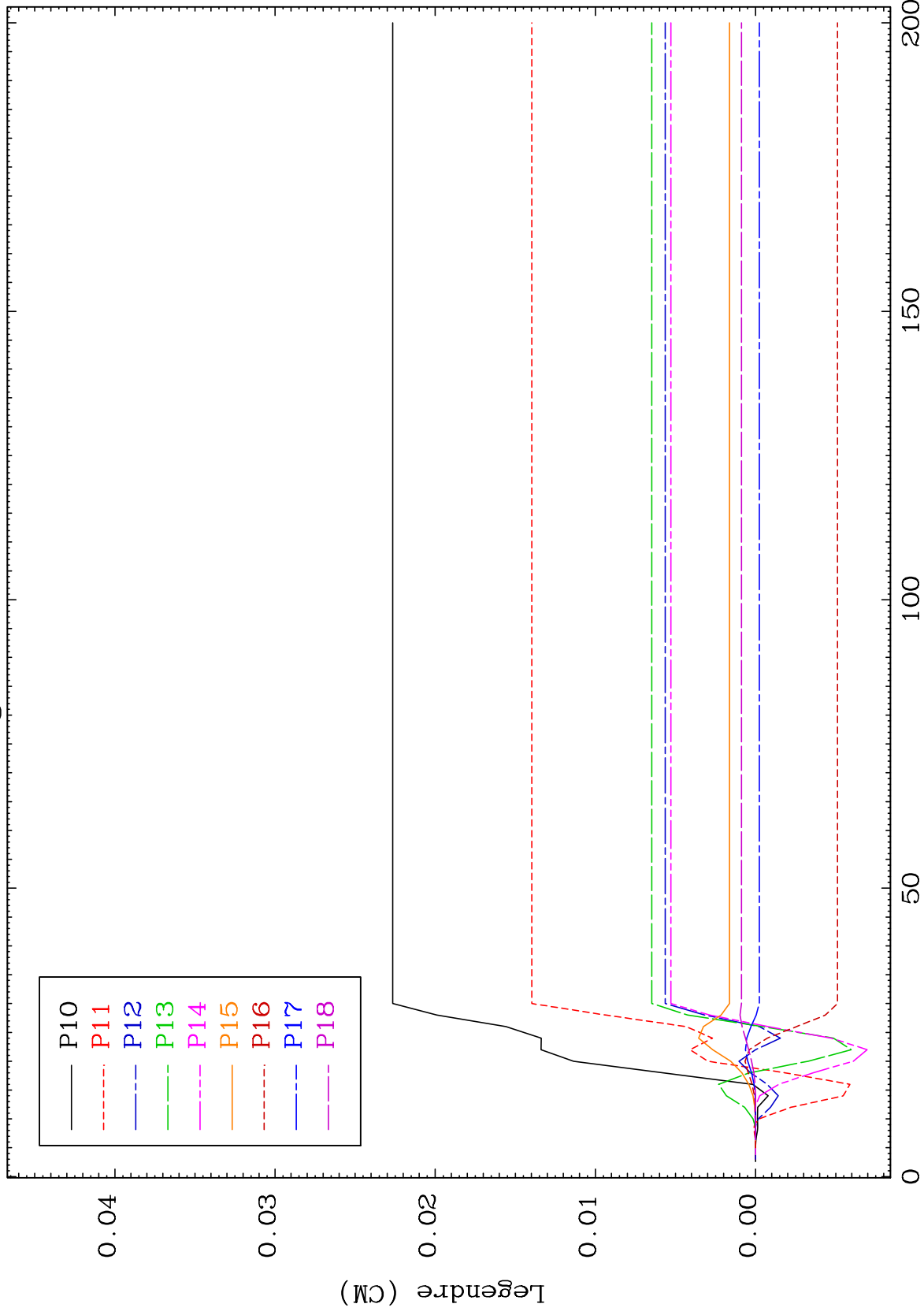
Incident Energy (MeV)

123

MAT 5137

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

51-Sb-125



124

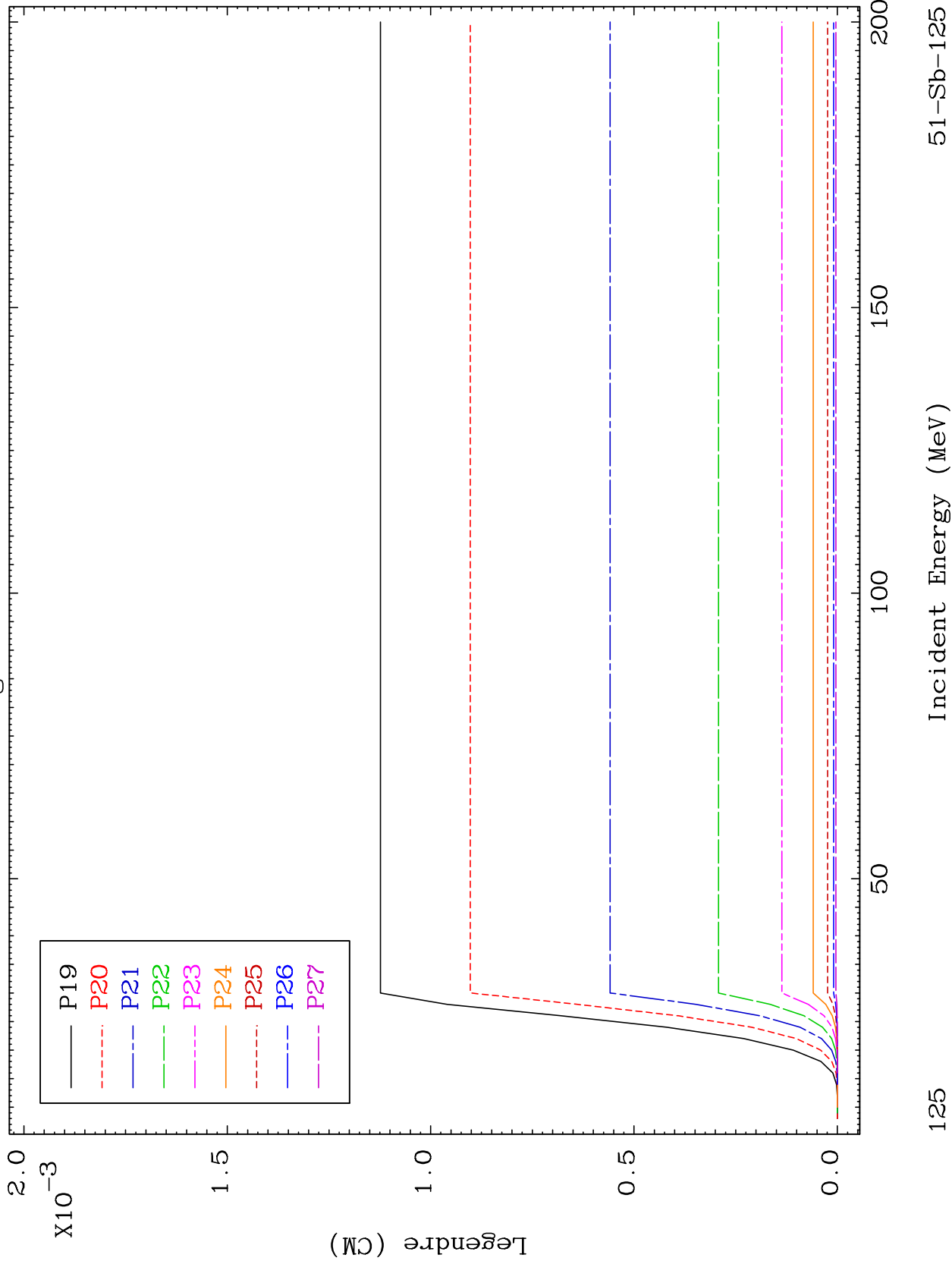
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



125

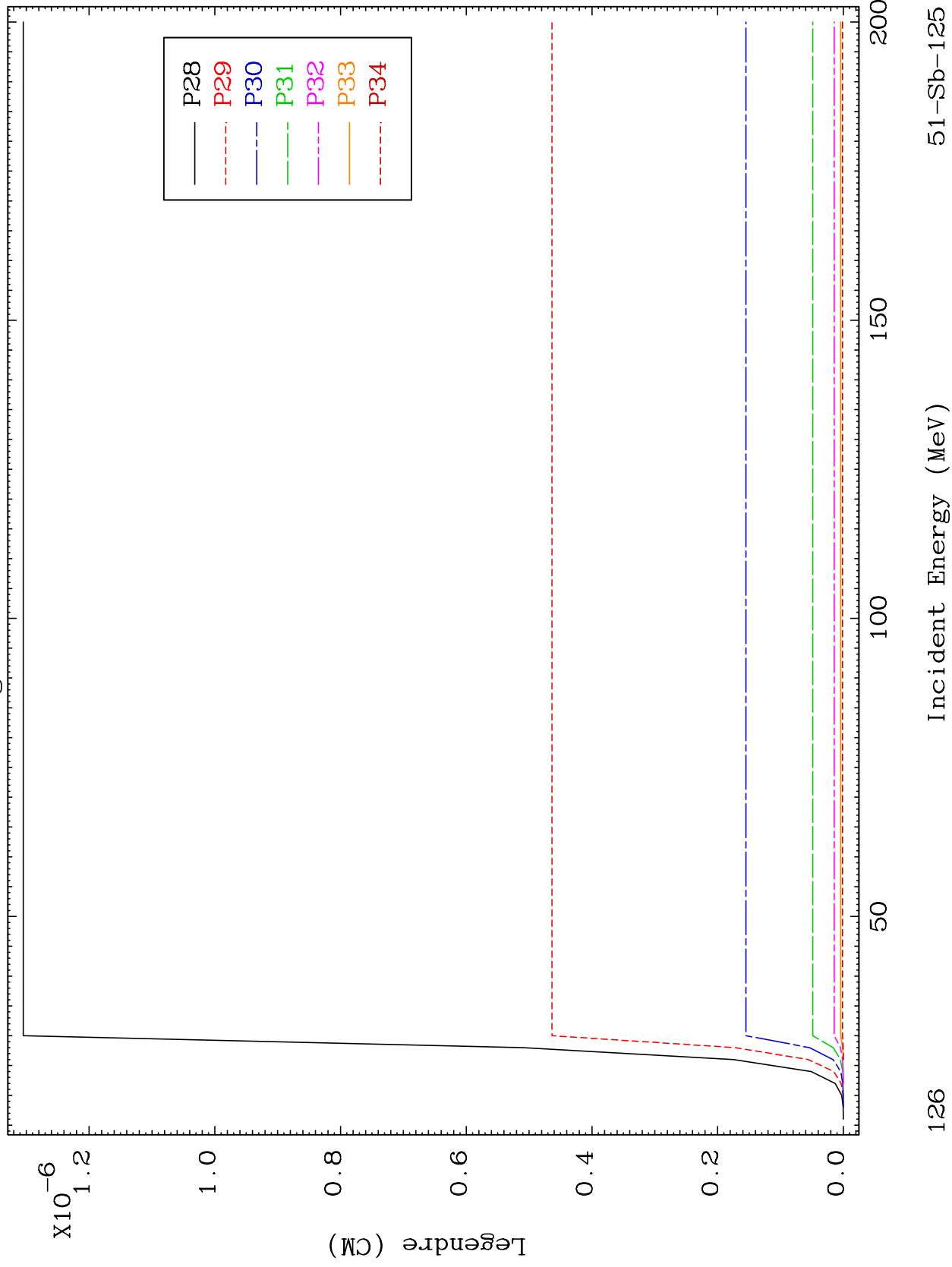
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



126

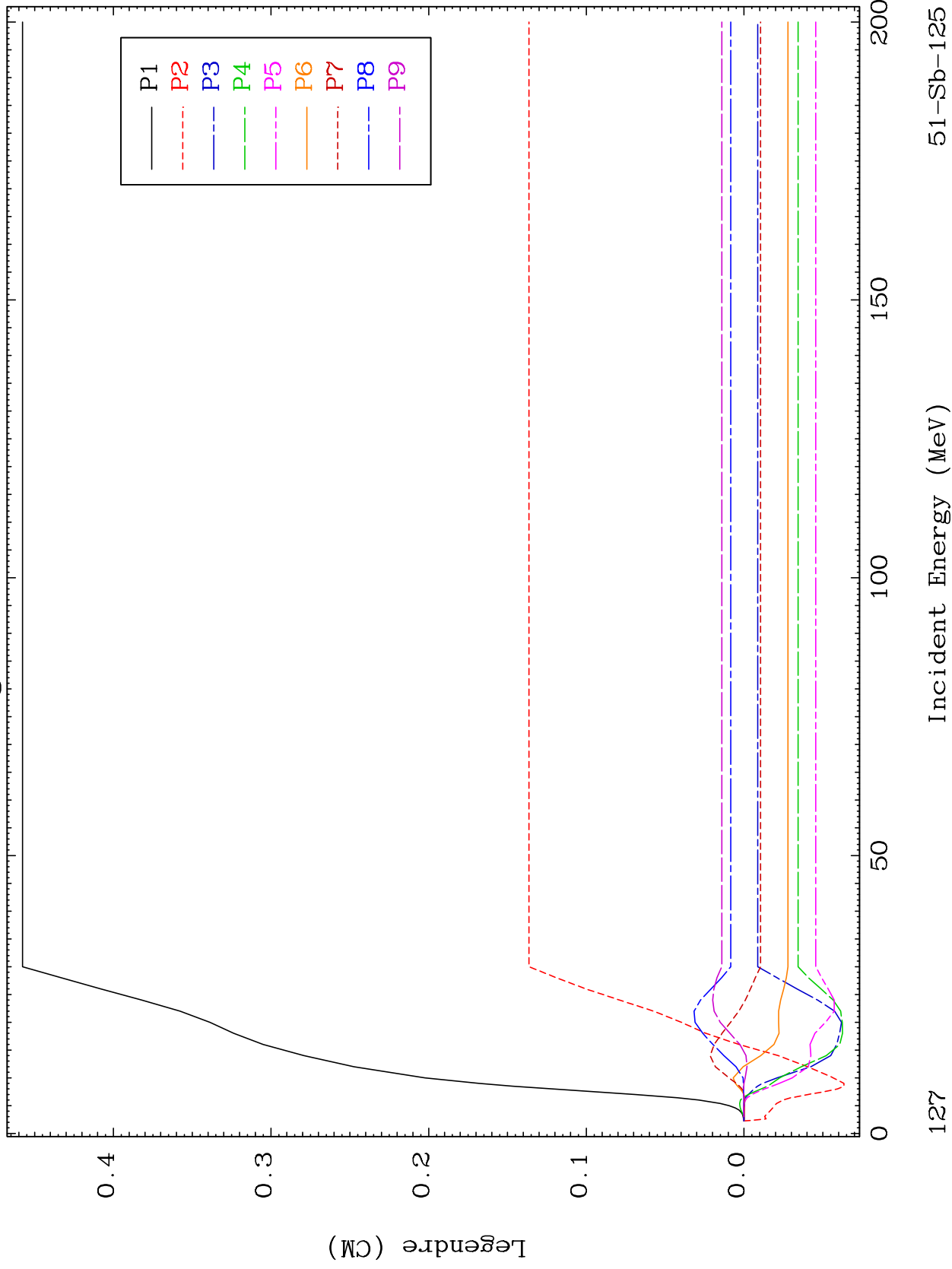
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

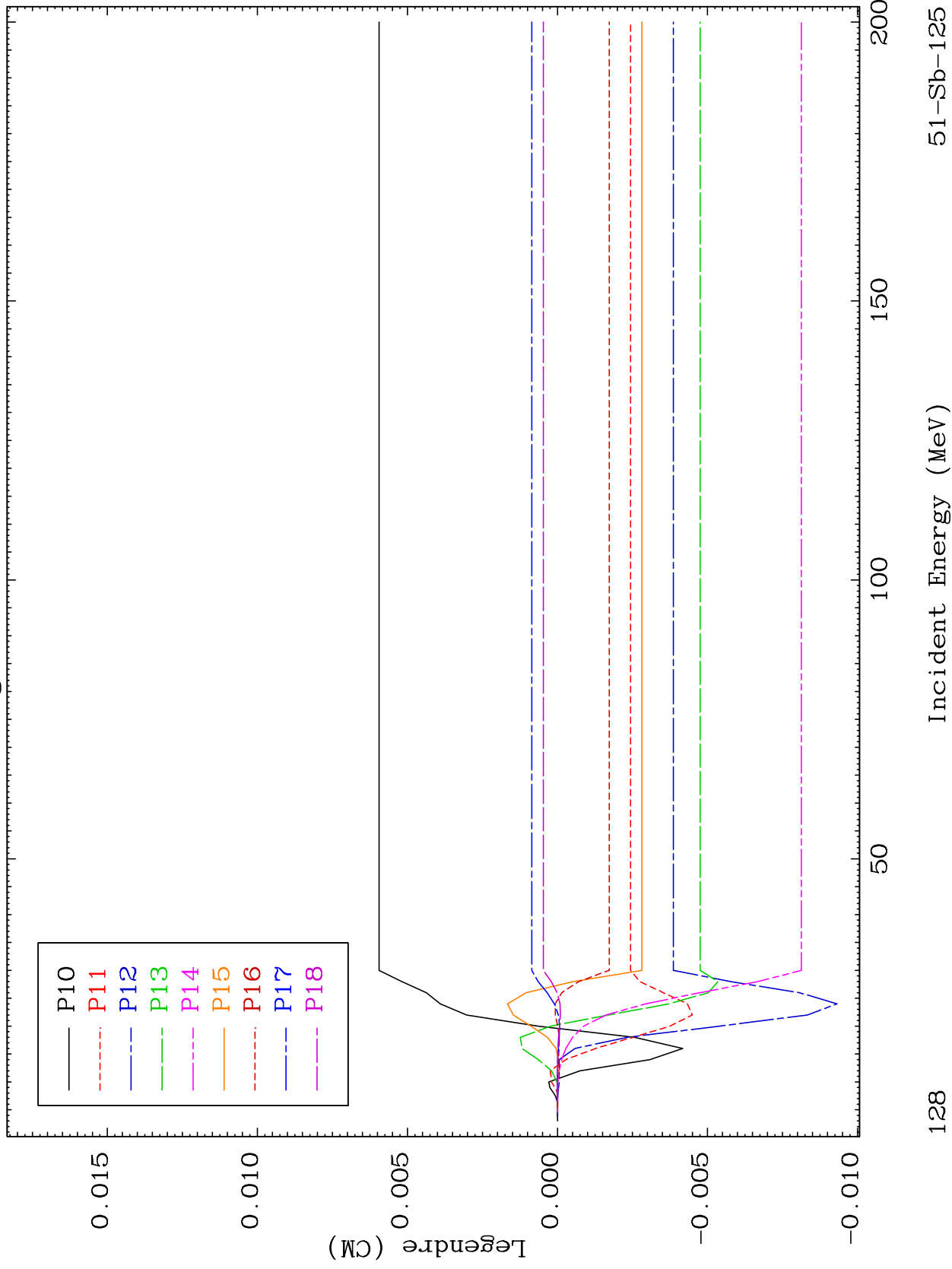
51-Sb-125



127

51-Sb-125

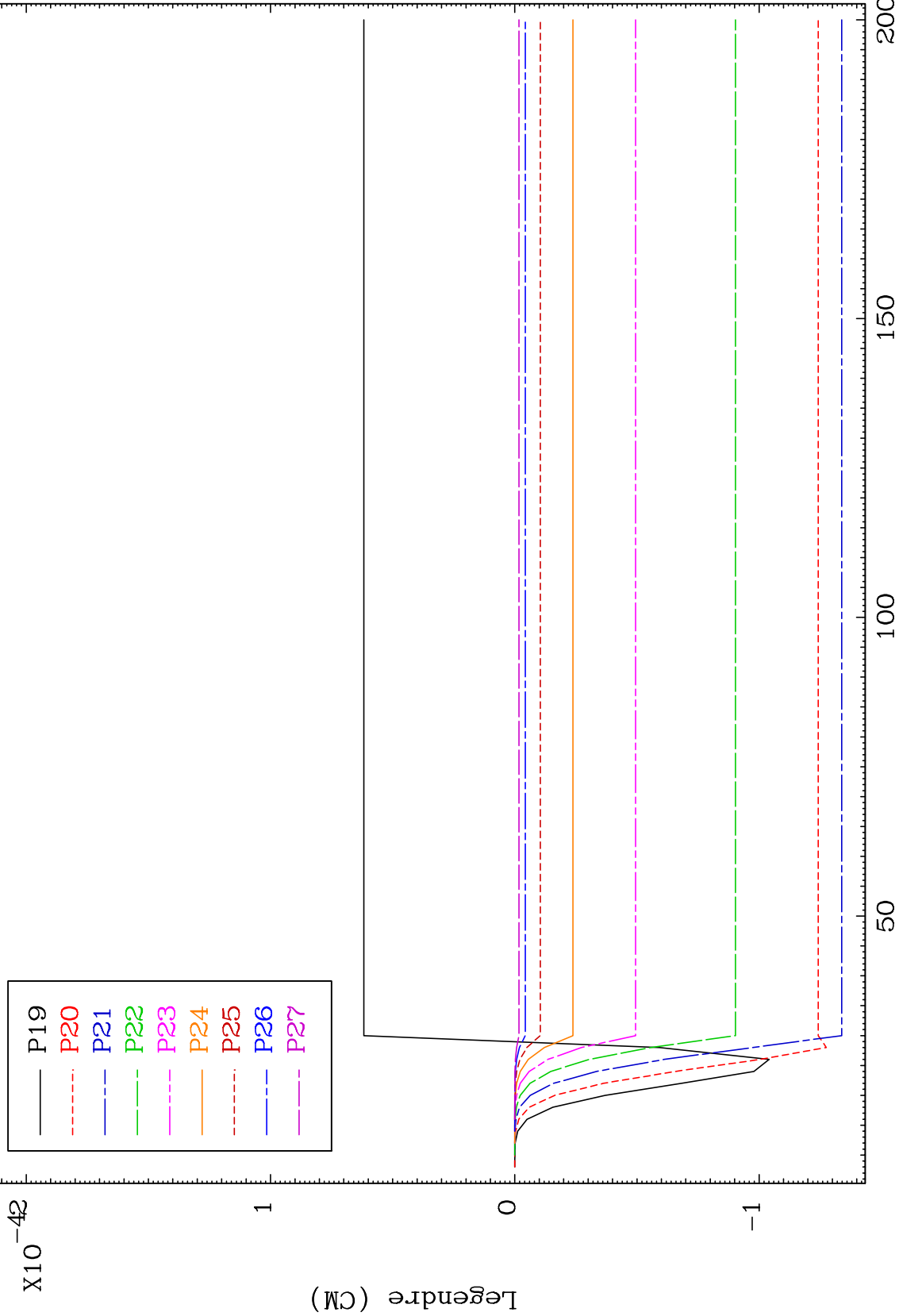
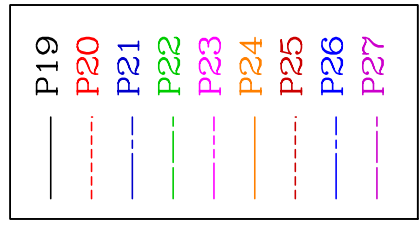




MAT 5137

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

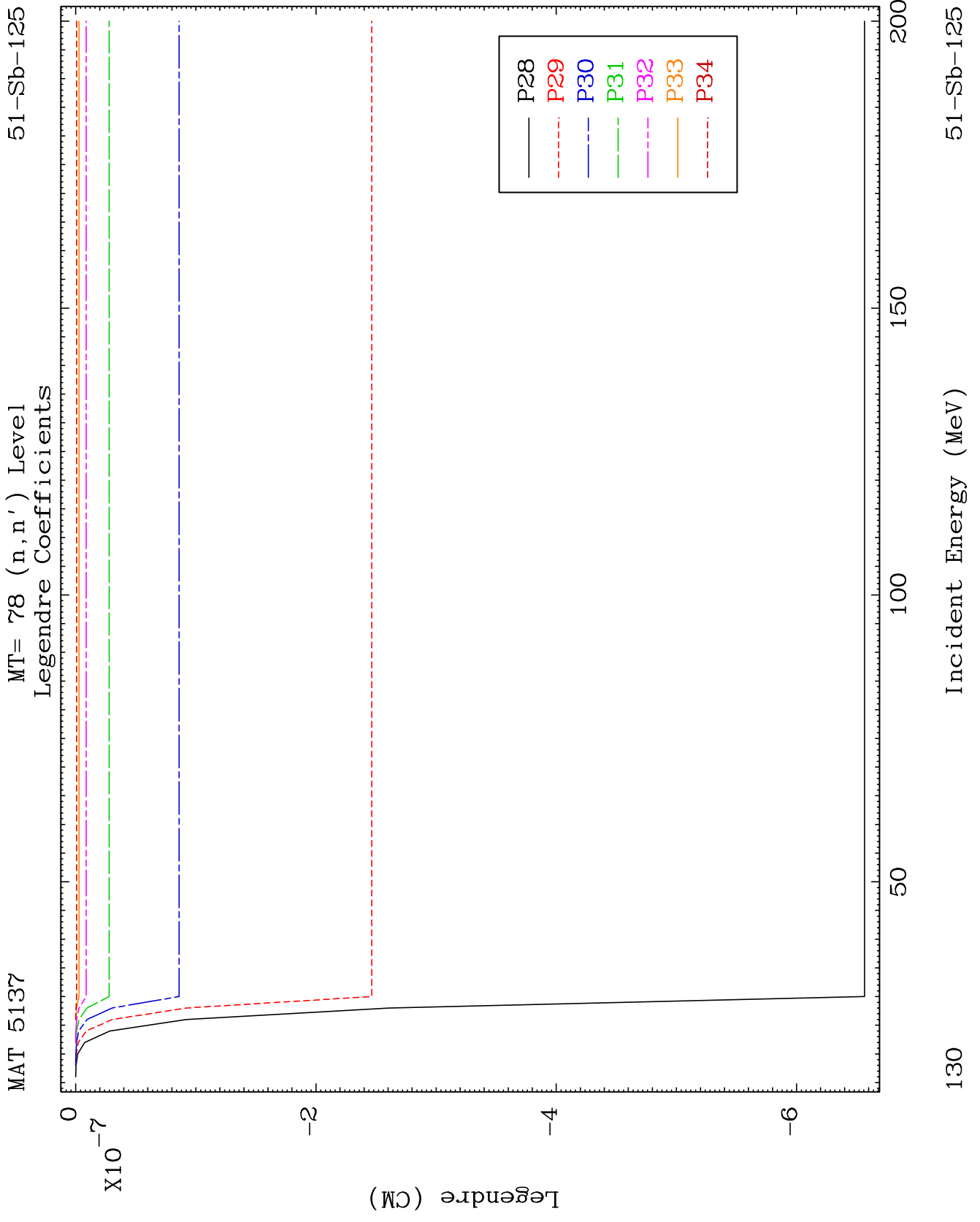
51-Sb-125



129

Incident Energy (MeV)

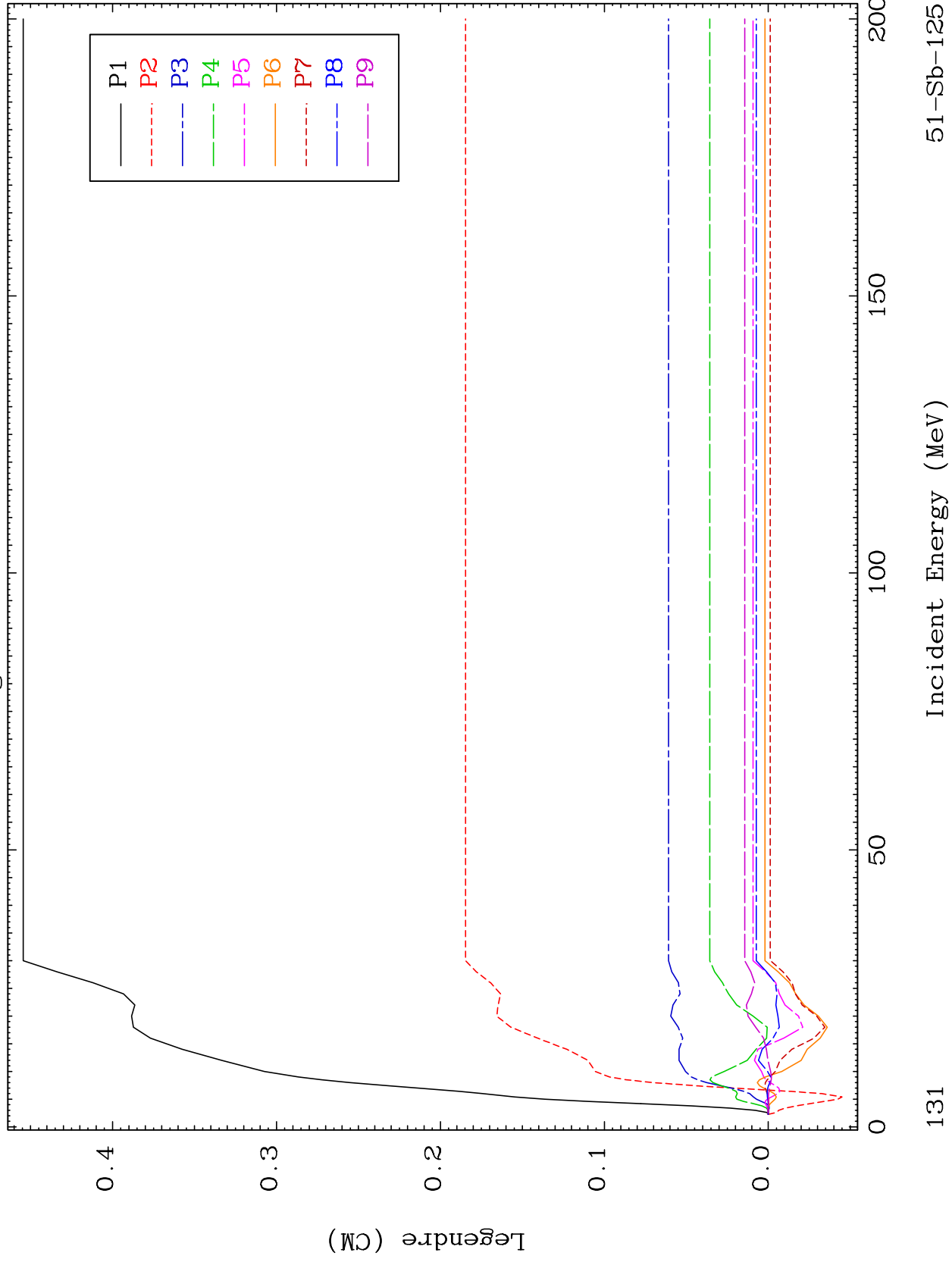
51-Sb-125



MAT 5137

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

51-Sb-125



51-Sb-125

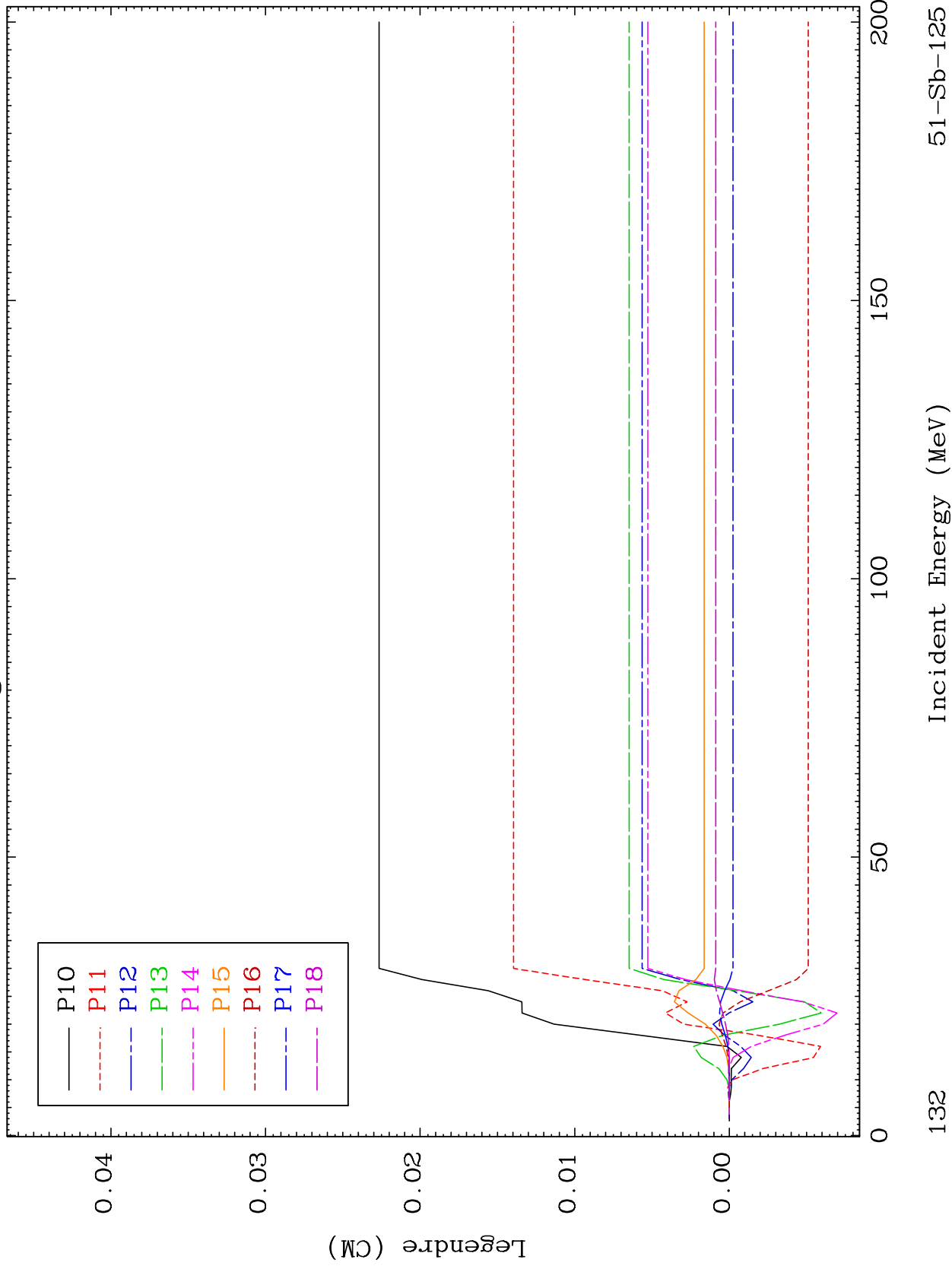
Incident Energy (MeV)

131

MAT 5137

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

51-Sb-125



132

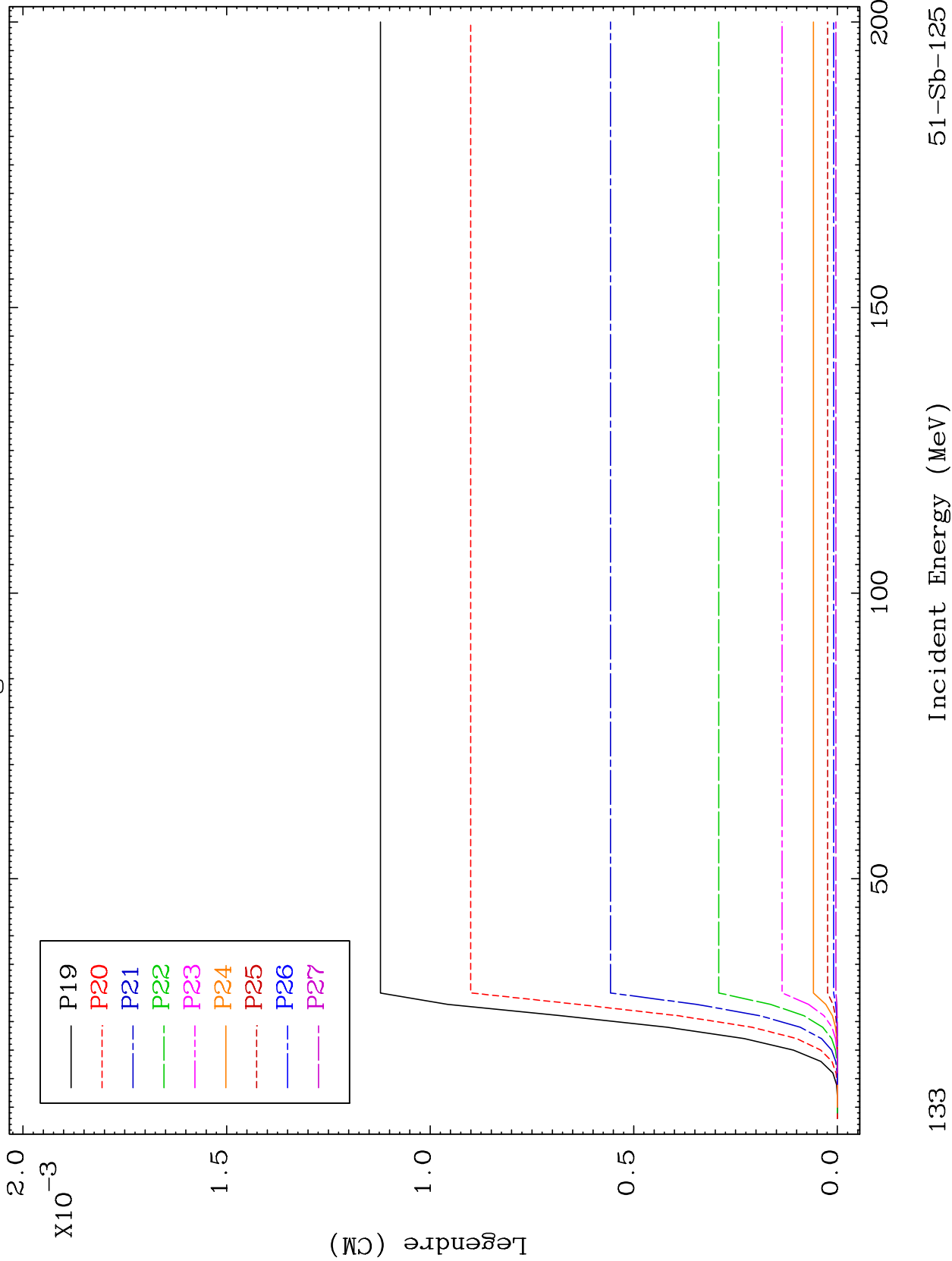
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

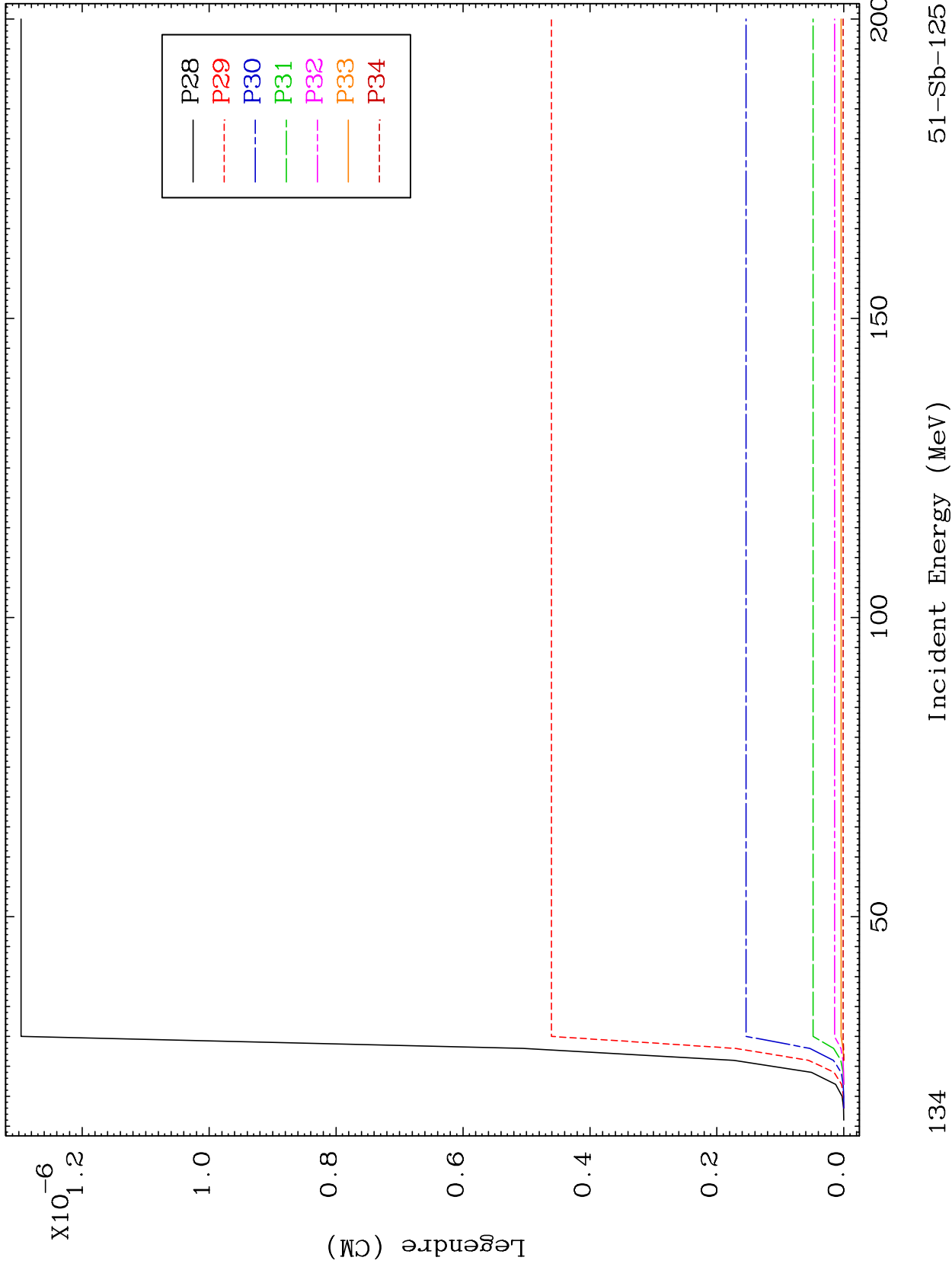
51-Sb-125



MAT 5137

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

51-Sb-125



134

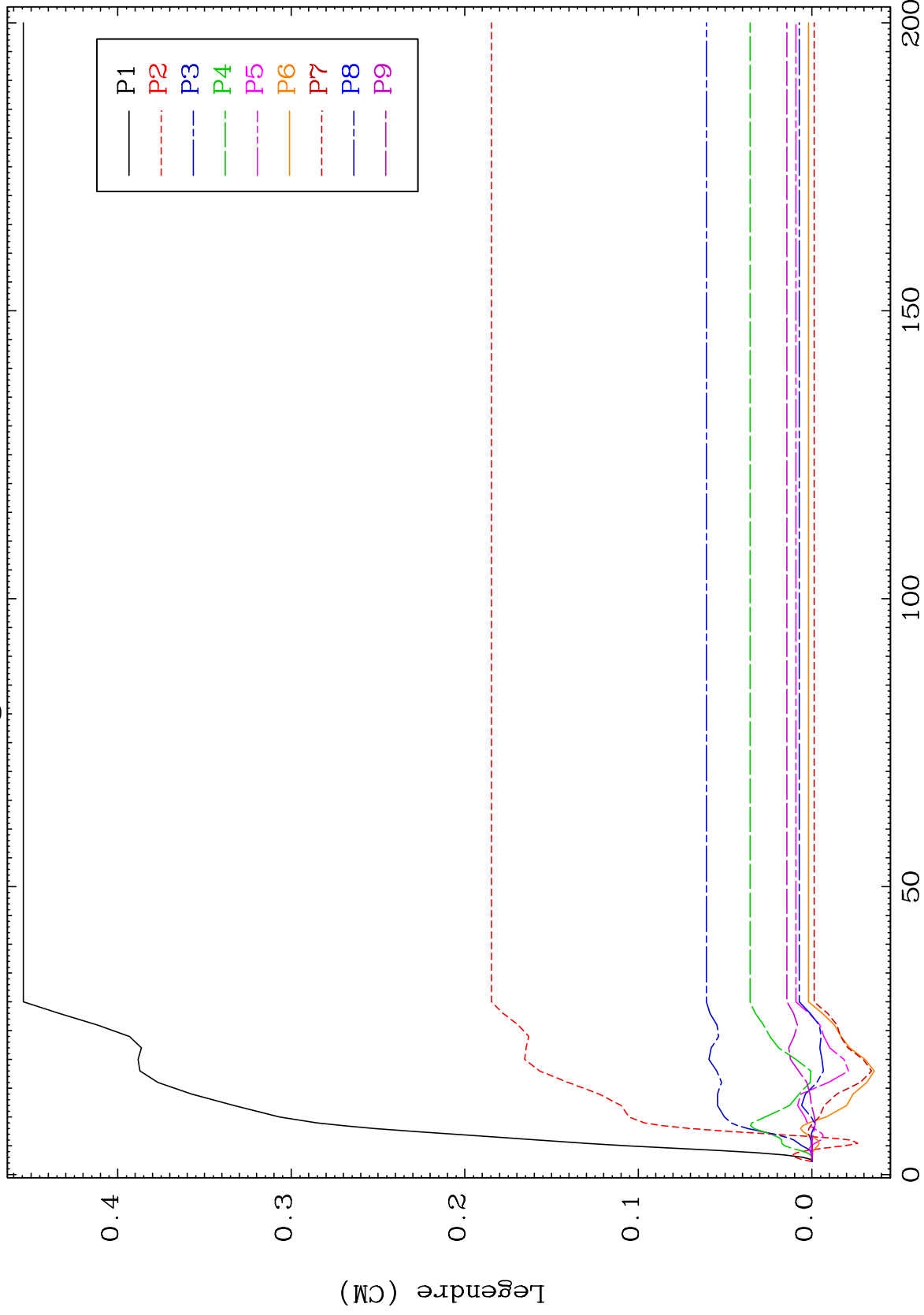
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



51-Sb-125

Incident Energy (MeV)

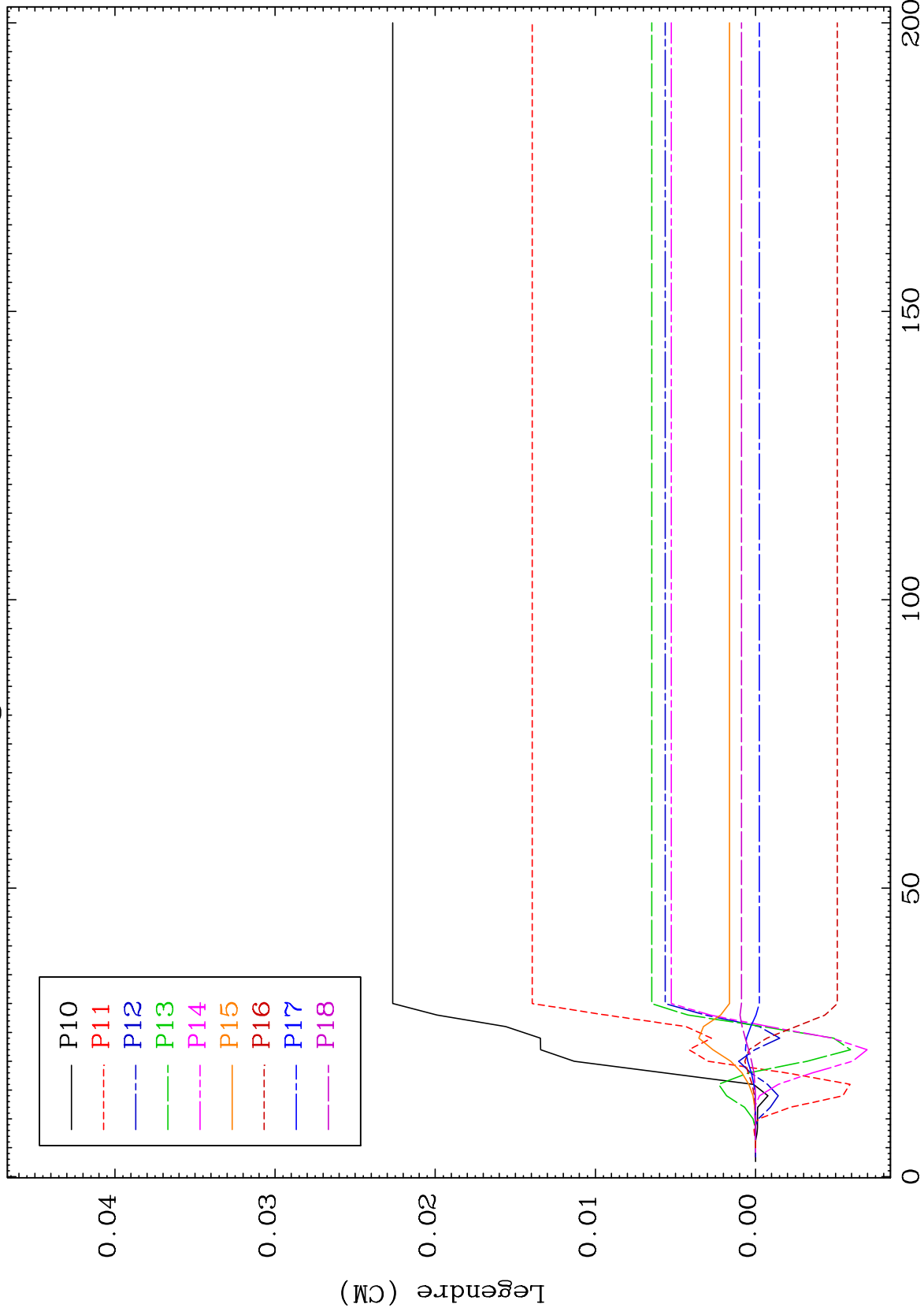
135



MAT 5137

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

51-Sb-125



136

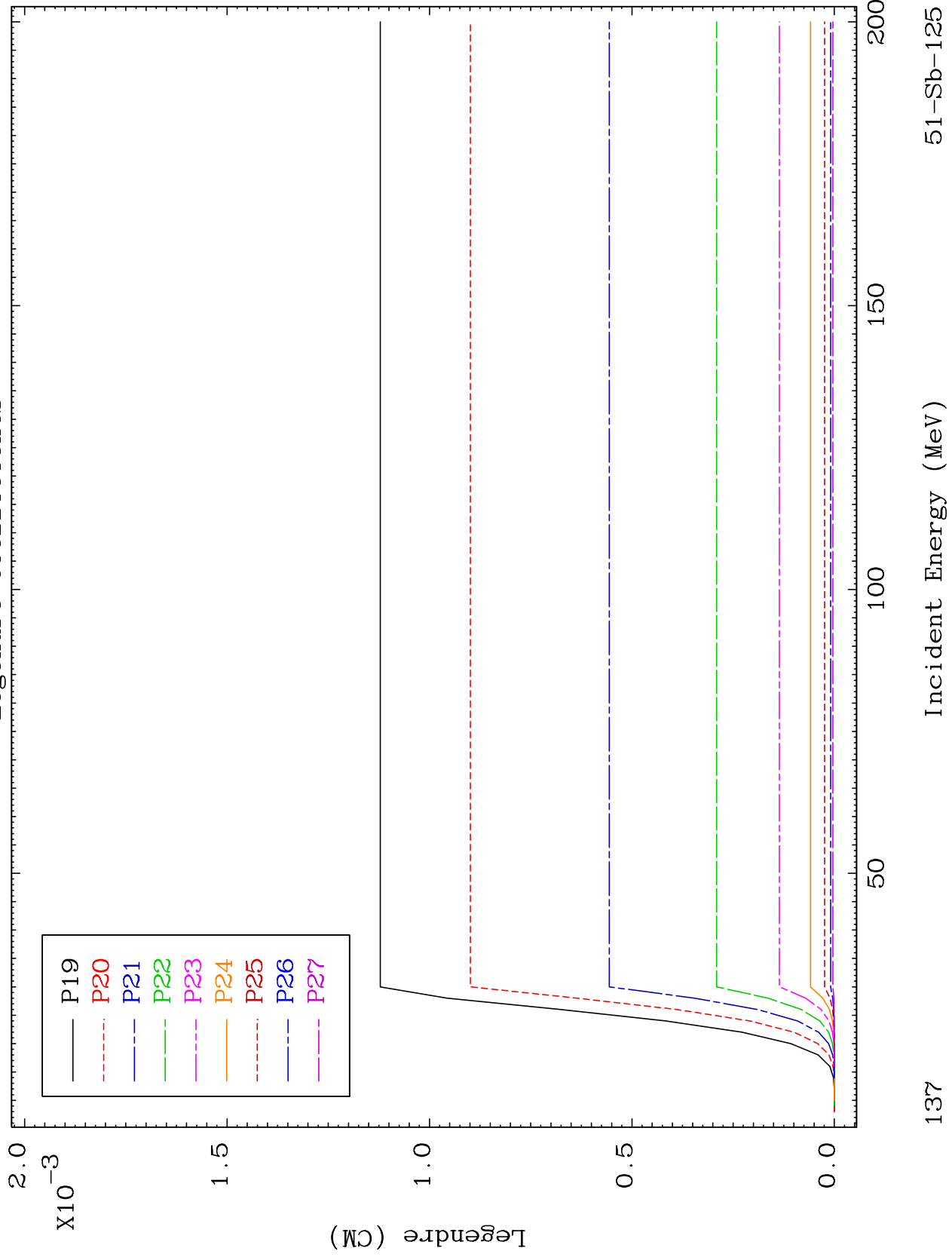
Incident Energy (MeV)

51-Sb-125

MAT 5137

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

51-Sb-125



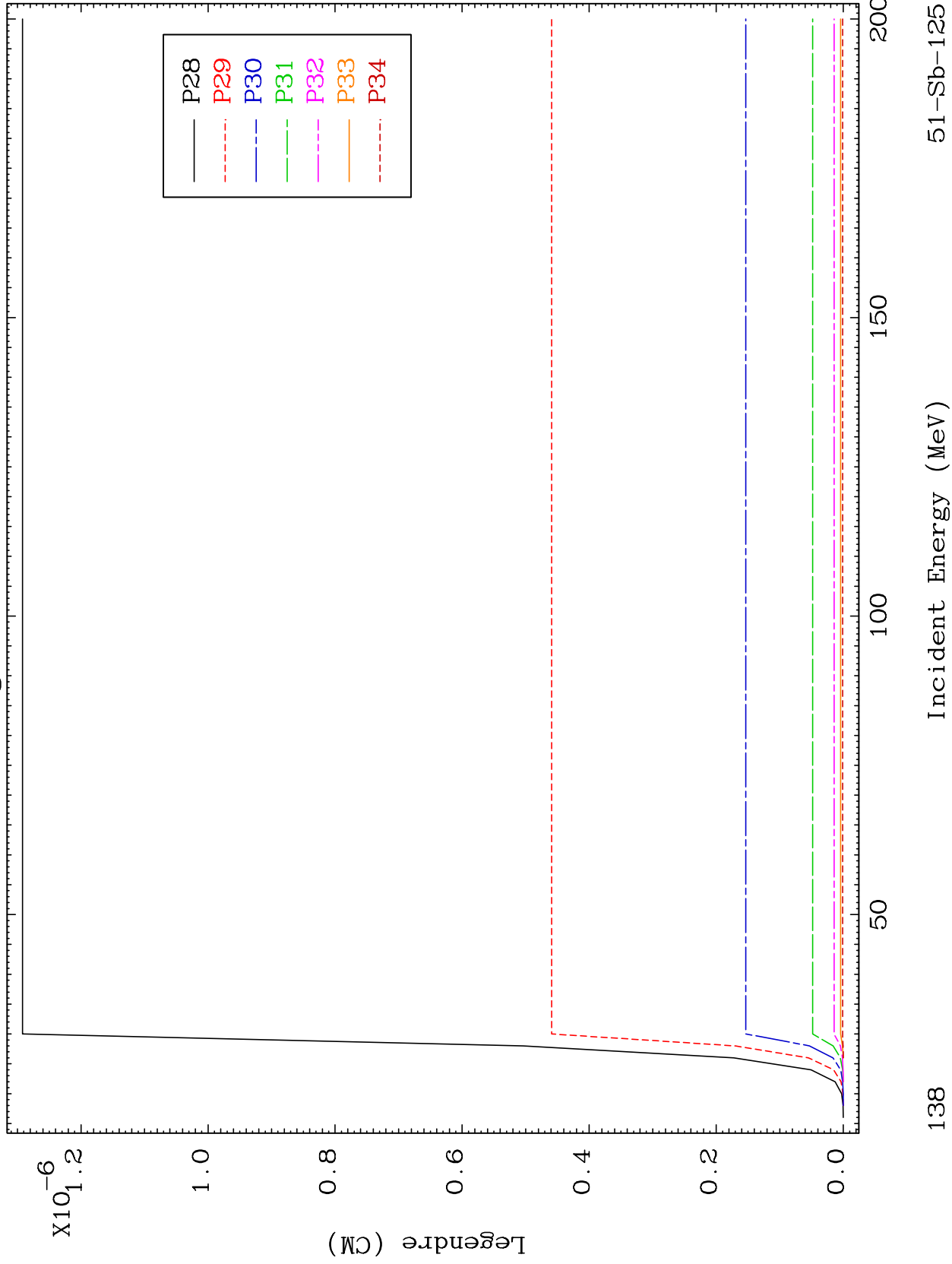
137

51-Sb-125

MAT 5137

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

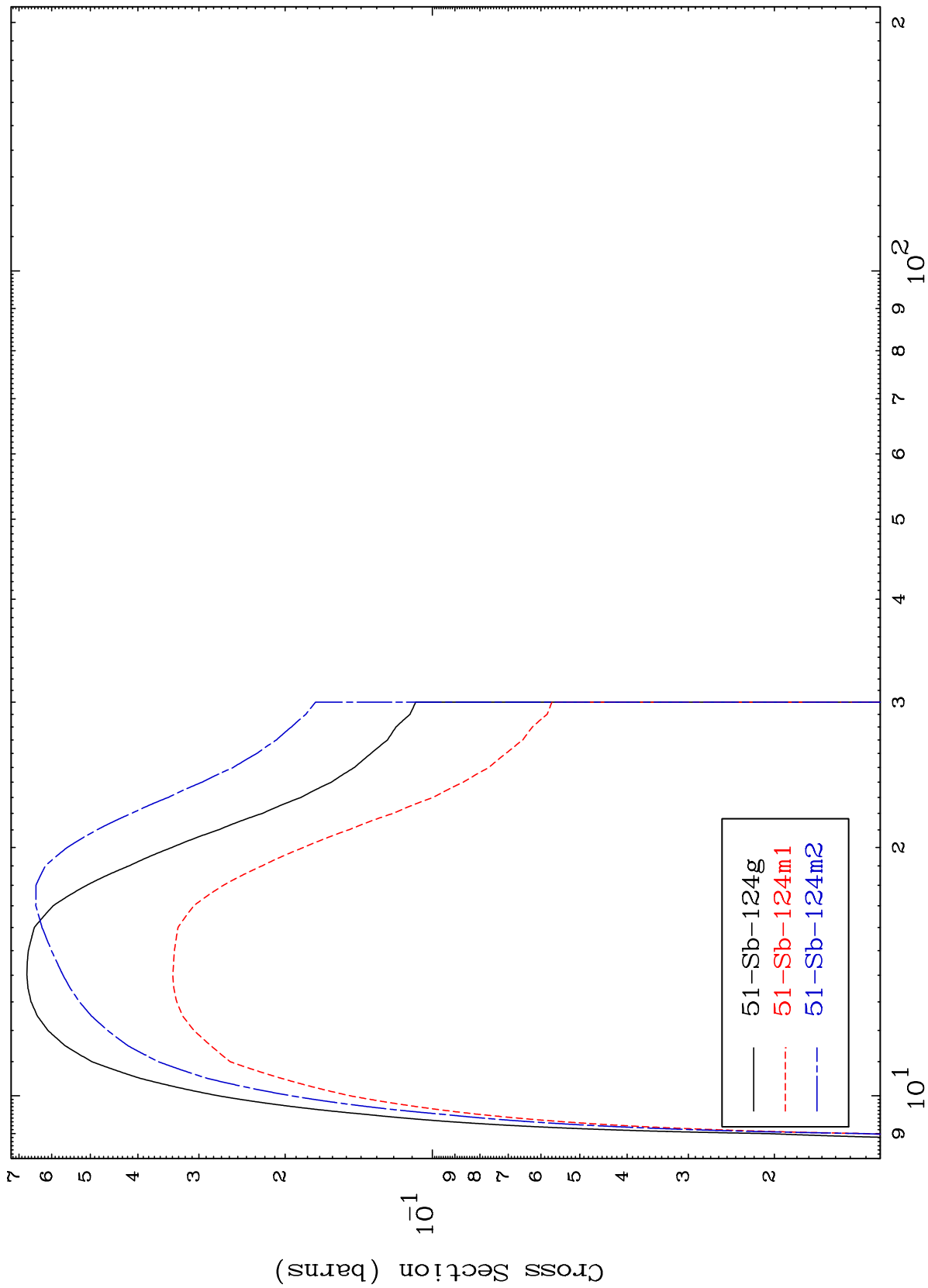
51-Sb-125



MAT 5137

51-Sb-125

Radionuclide Production Cross Section  
(n,2n)

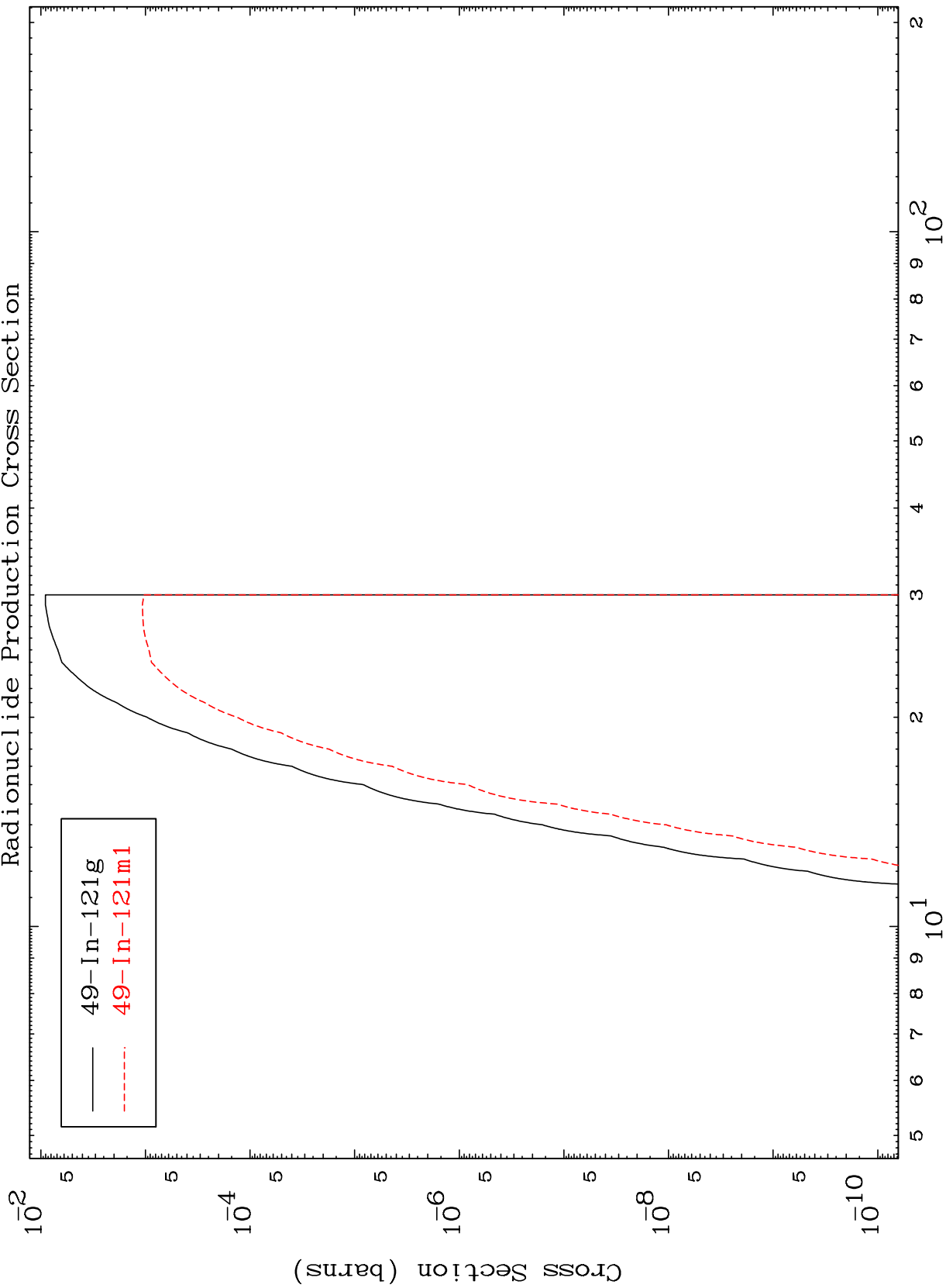


MAT 5137

$(n, n') \alpha$

51-Sb-125

Radionuclide Production Cross Section



140

Incident Energy (MeV)

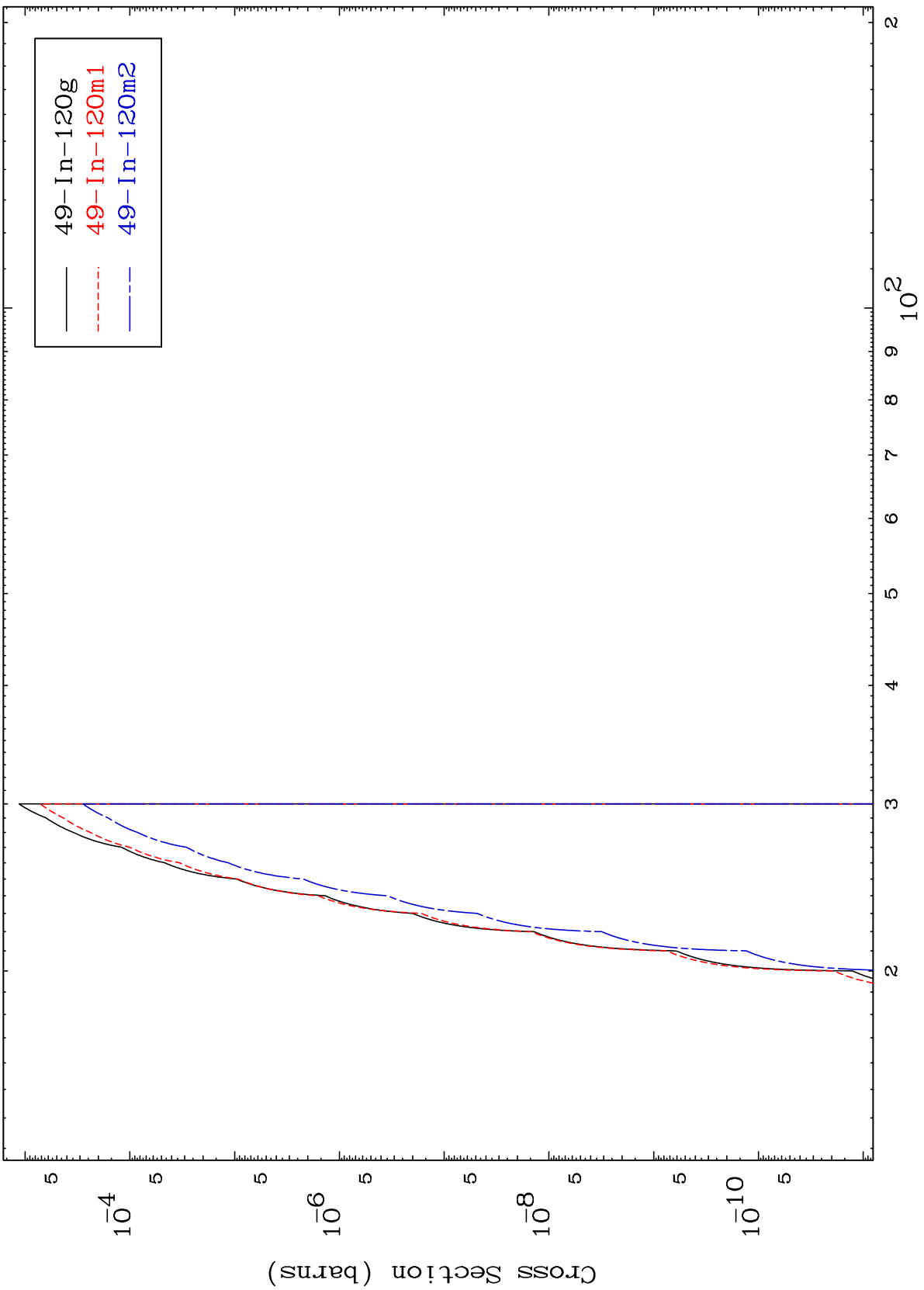
51-Sb-125

MAT 5137

(n,2n)  $\alpha$

51-Sb-125

Radionuclide Production Cross Section



141

Incident Energy (MeV)

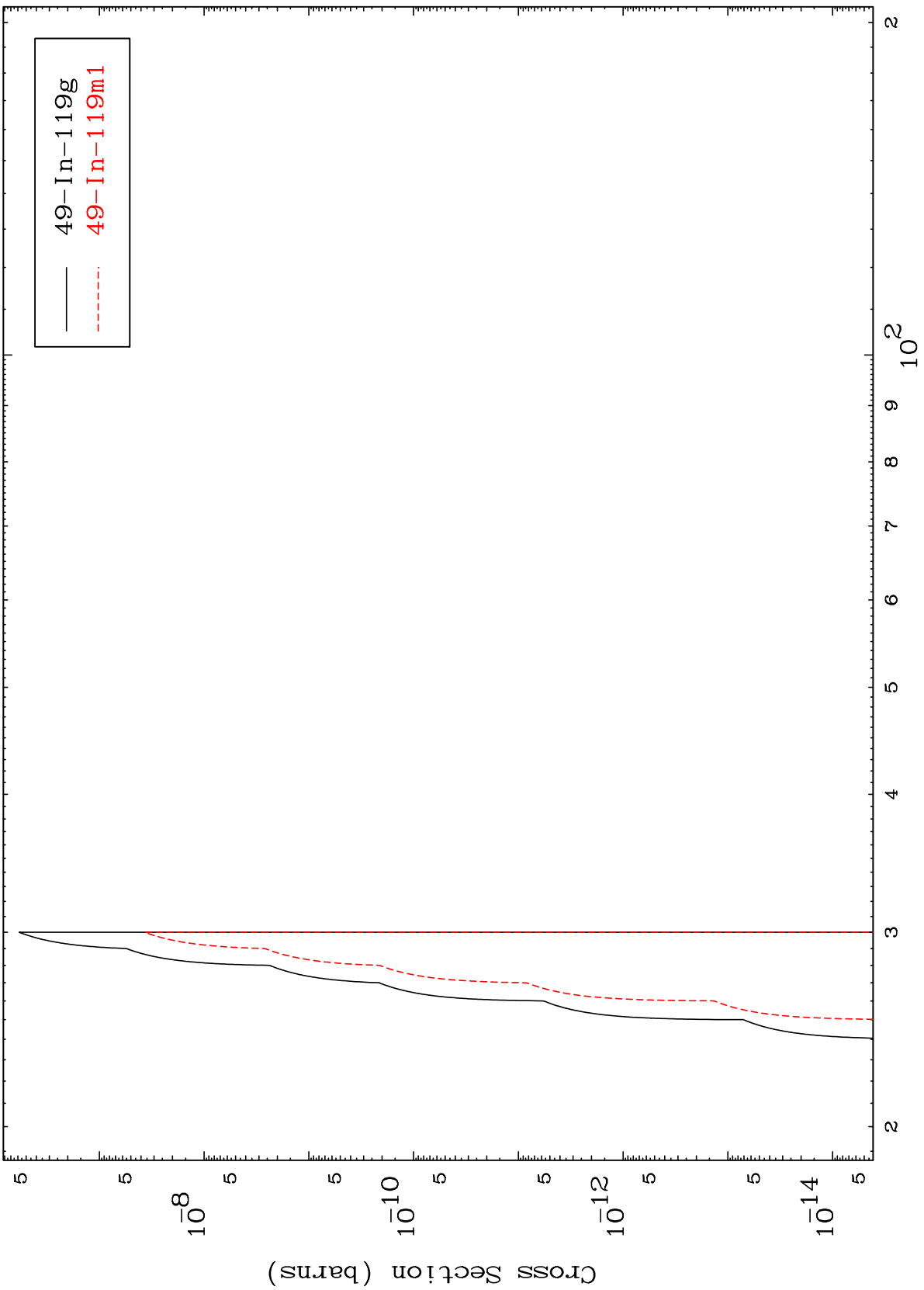
51-Sb-125

MAT 5137

(n,3n)  $\alpha$

51-Sb-125

Radionuclide Production Cross Section



142

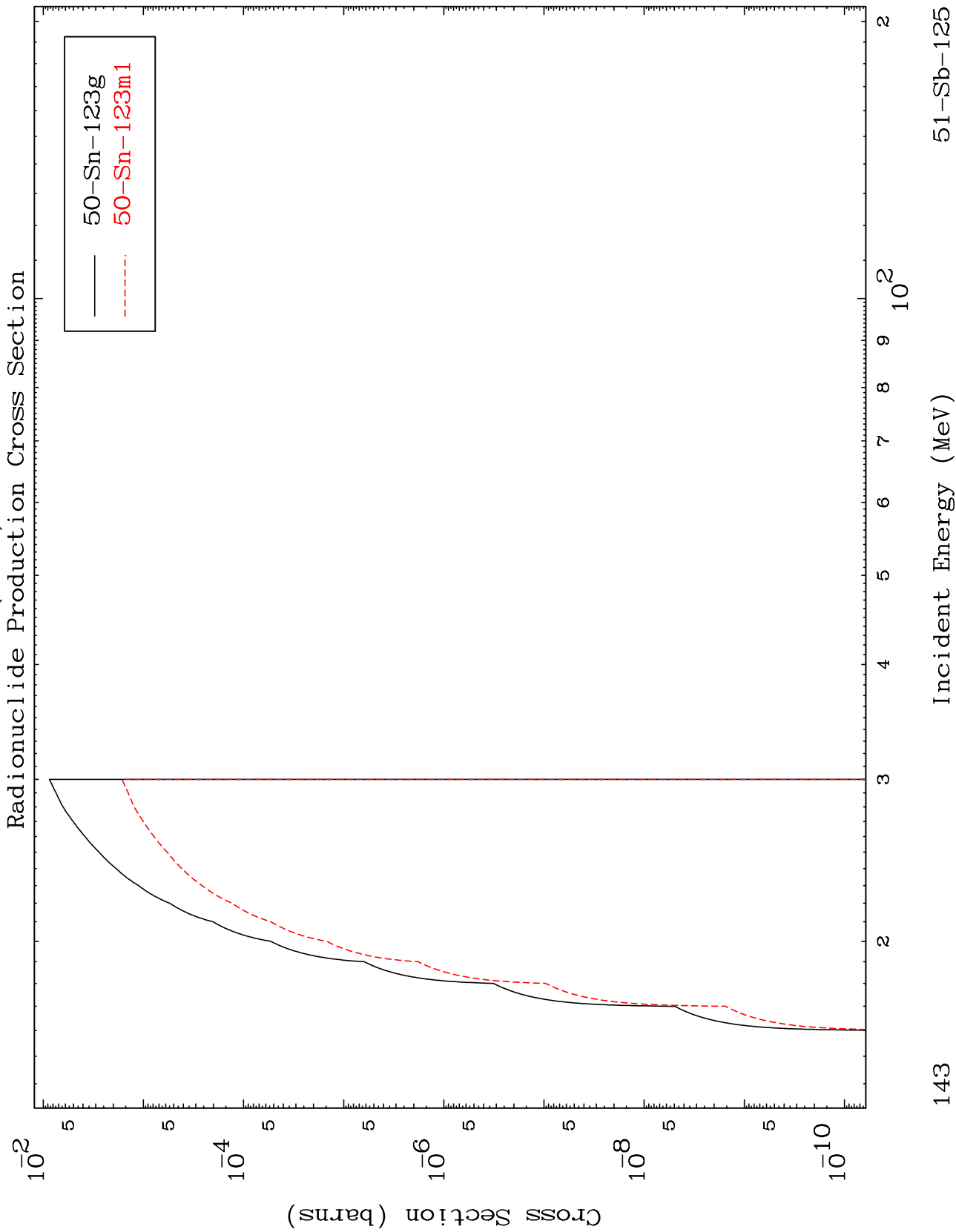
Incident Energy (MeV)

51-Sb-125

MAT 5137

(n,n') d

51-Sb-125



143

51-Sb-125

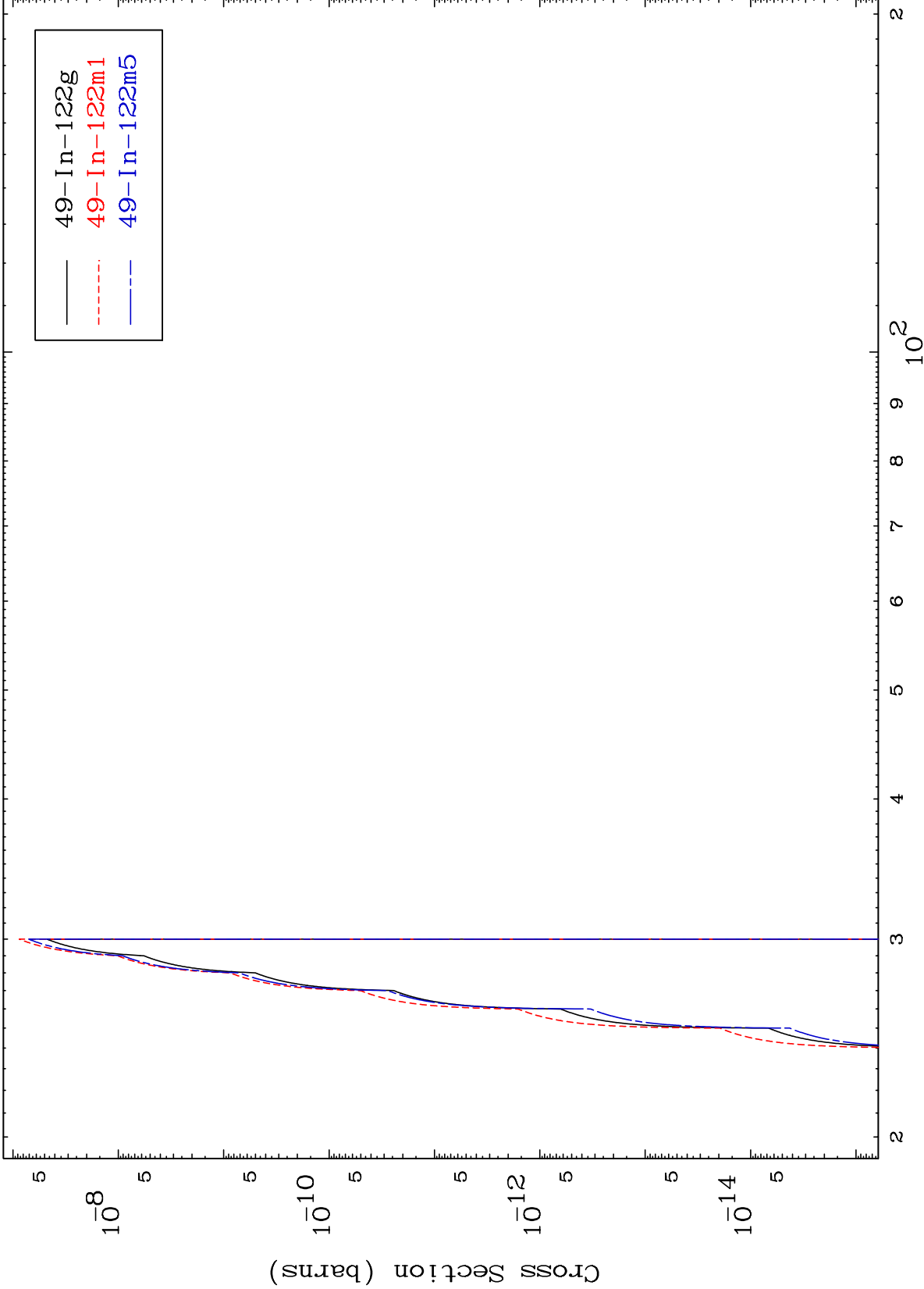


MAT 5137

(n,n') He-3

51-Sb-125

Radionuclide Production Cross Section



144

Incident Energy (MeV)

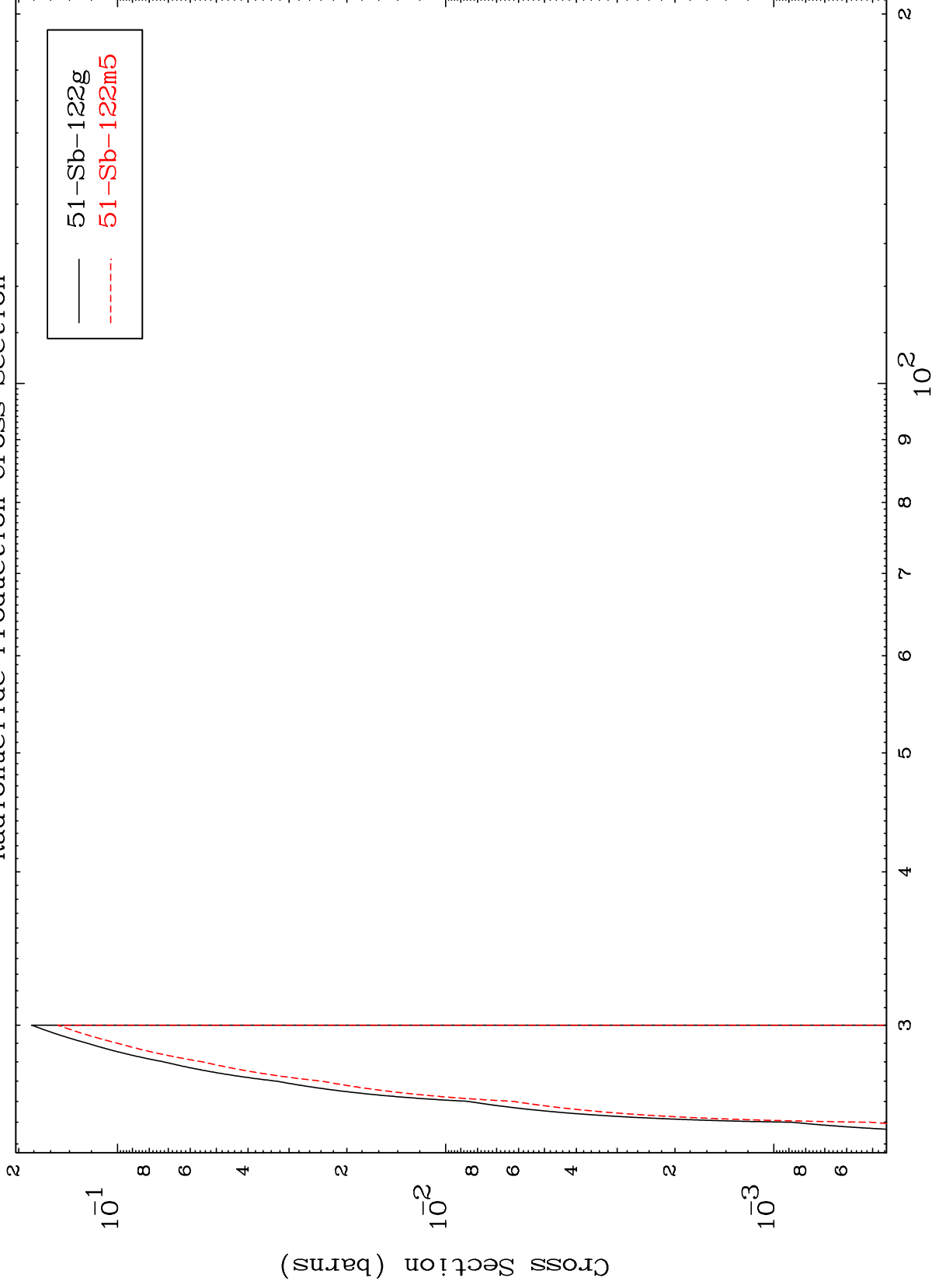
51-Sb-125

MAT 5137

(n,4n)

51-Sb-125

Radionuclide Production Cross Section



145

Incident Energy (MeV)

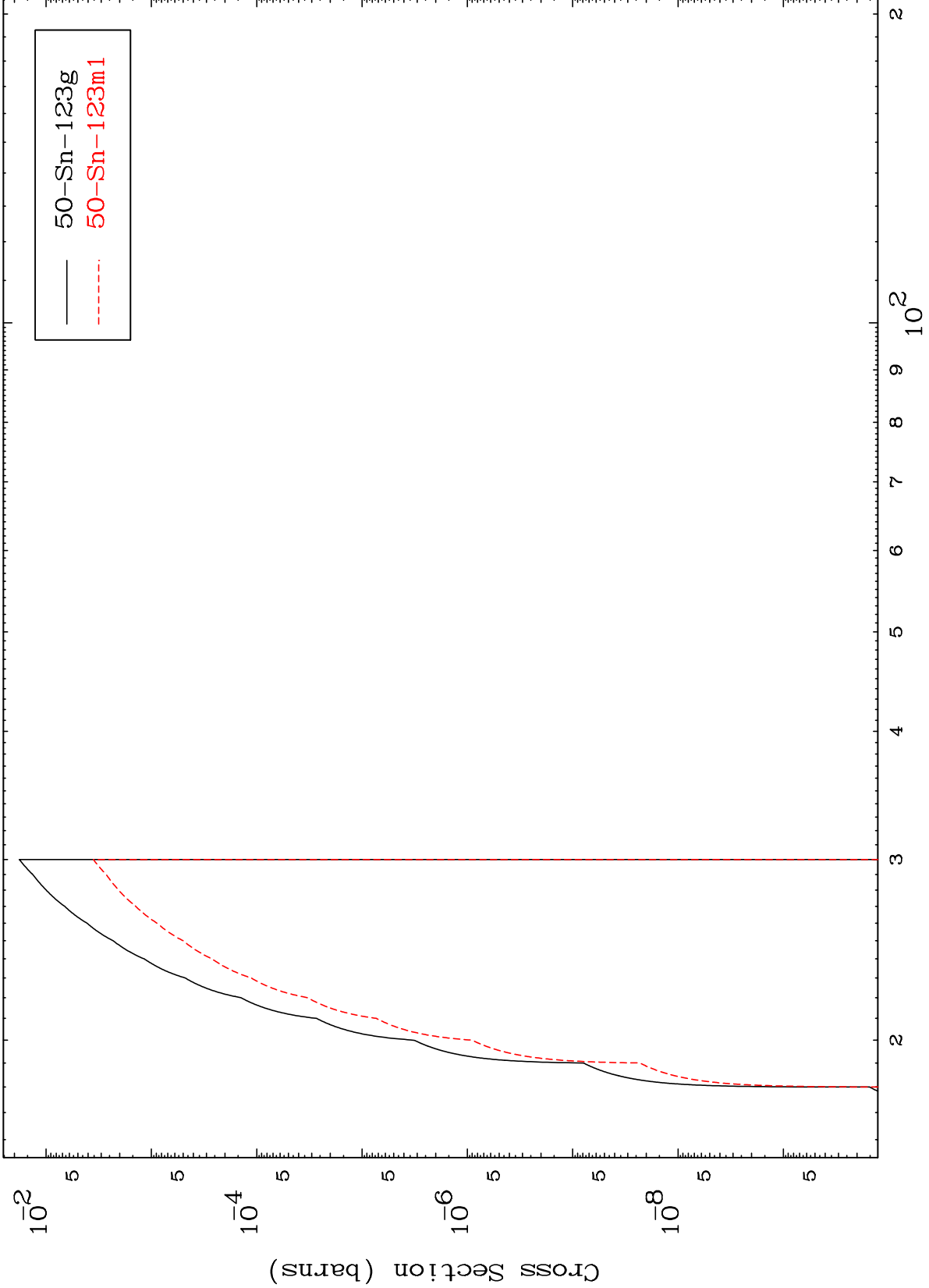
51-Sb-125

MAT 5137

(n,2n) p

51-Sb-125

Radionuclide Production Cross Section



146

Incident Energy (MeV)

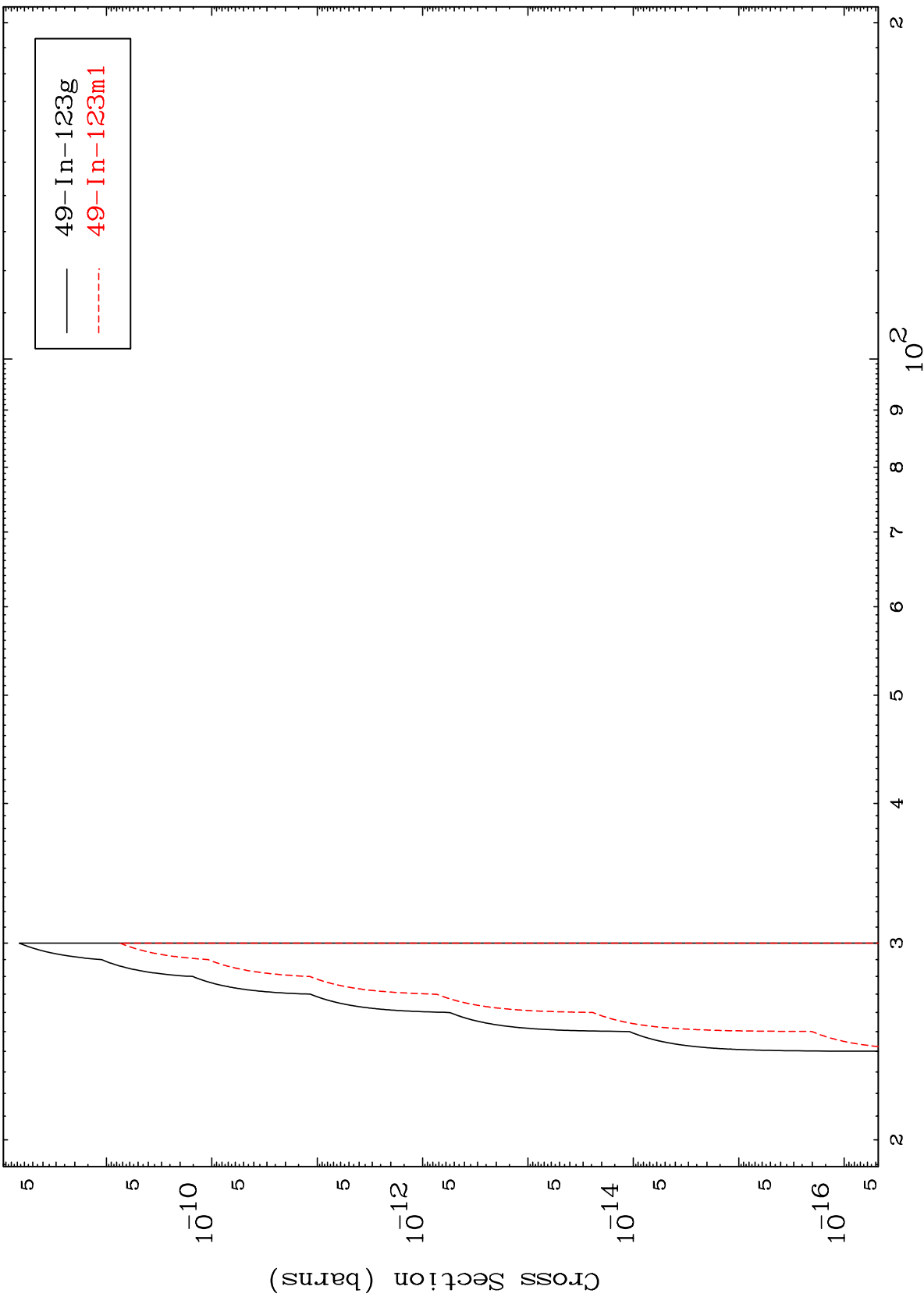
51-Sb-125

MAT 5137

(n,2n) p

51-Sb-125

Radionuclide Production Cross Section



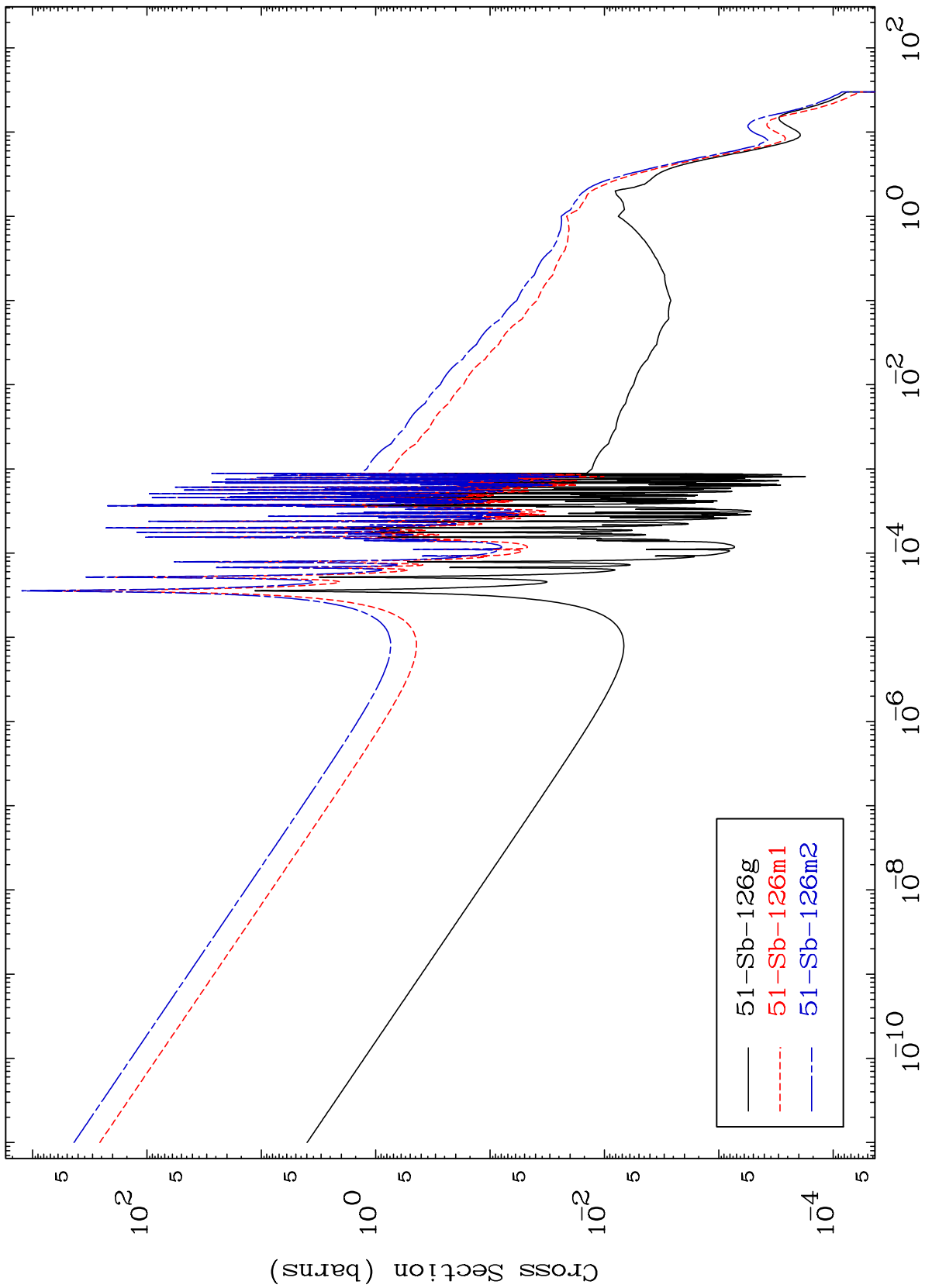
147

Incident Energy (MeV)

51-Sb-125

Radionuclide Production Cross Section

(n,  $\gamma$ )



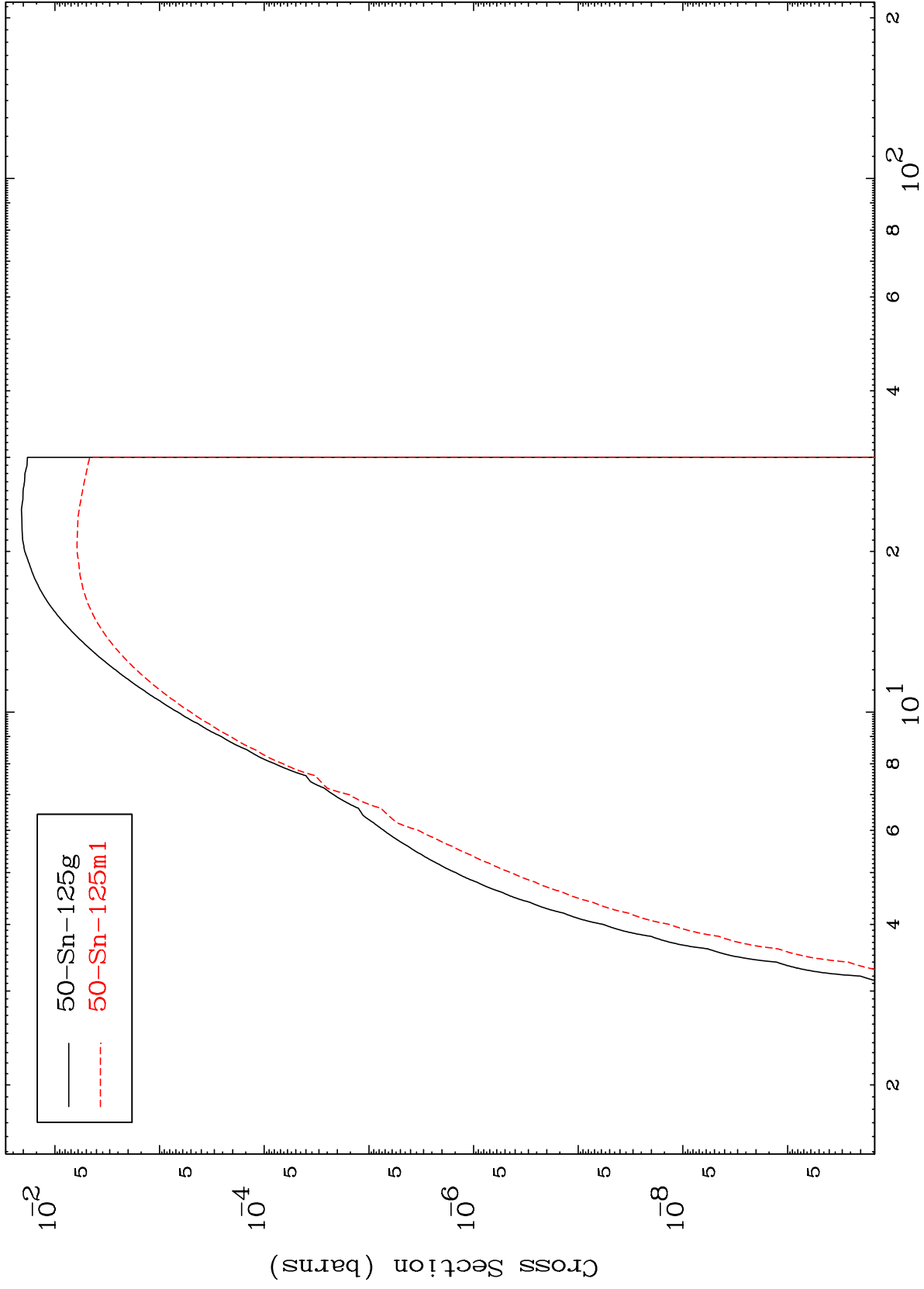
Incident Energy (MeV)

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

MAT 5137

51-Sb-125

(n,p)  
Radionuclide Production Cross Section



149

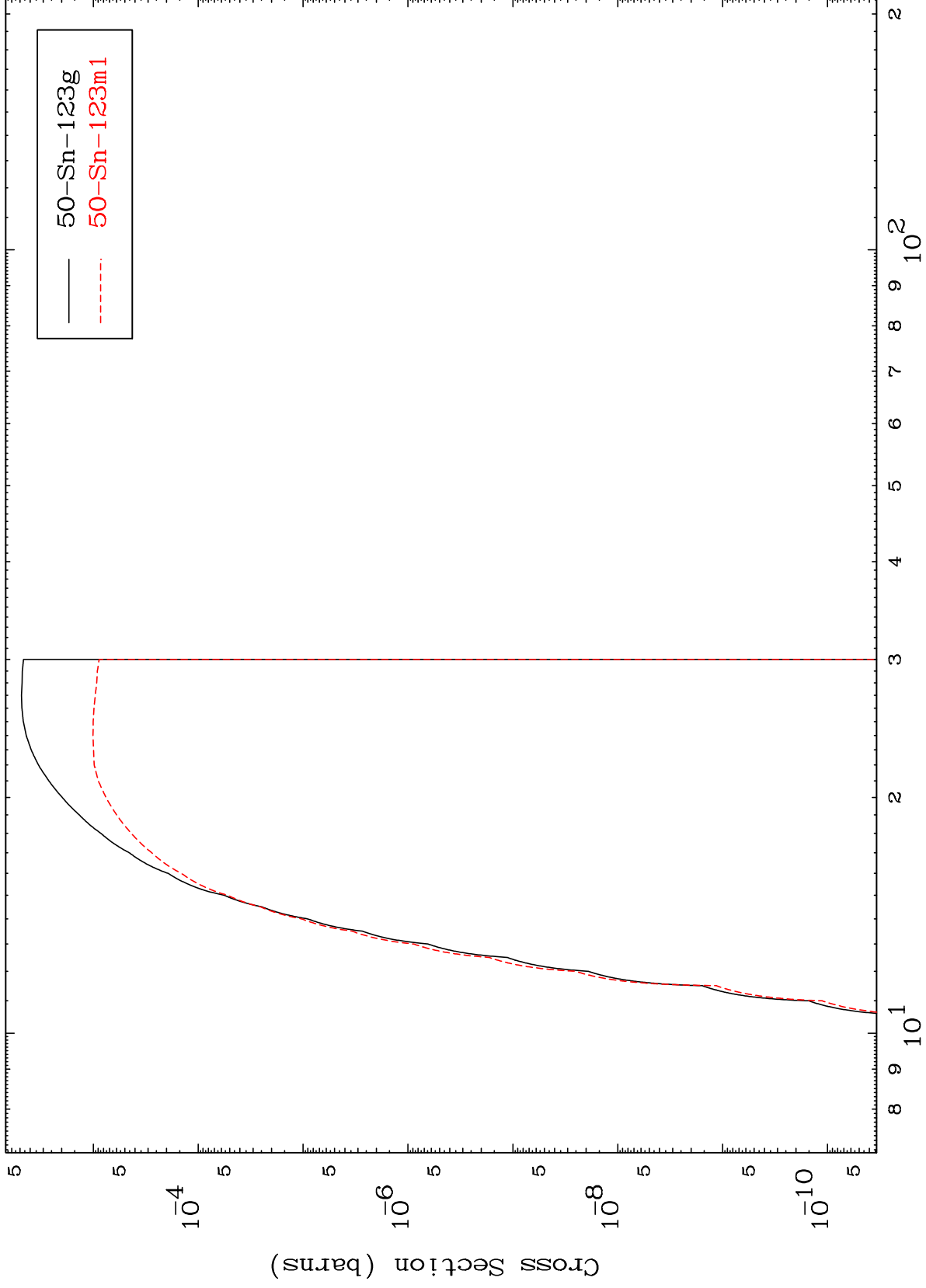
51-Sb-125

Incident Energy (MeV)

MAT 5137

51-Sb-125

(n,t)  
Radionuclide Production Cross Section



51-Sb-125

Incident Energy (MeV)

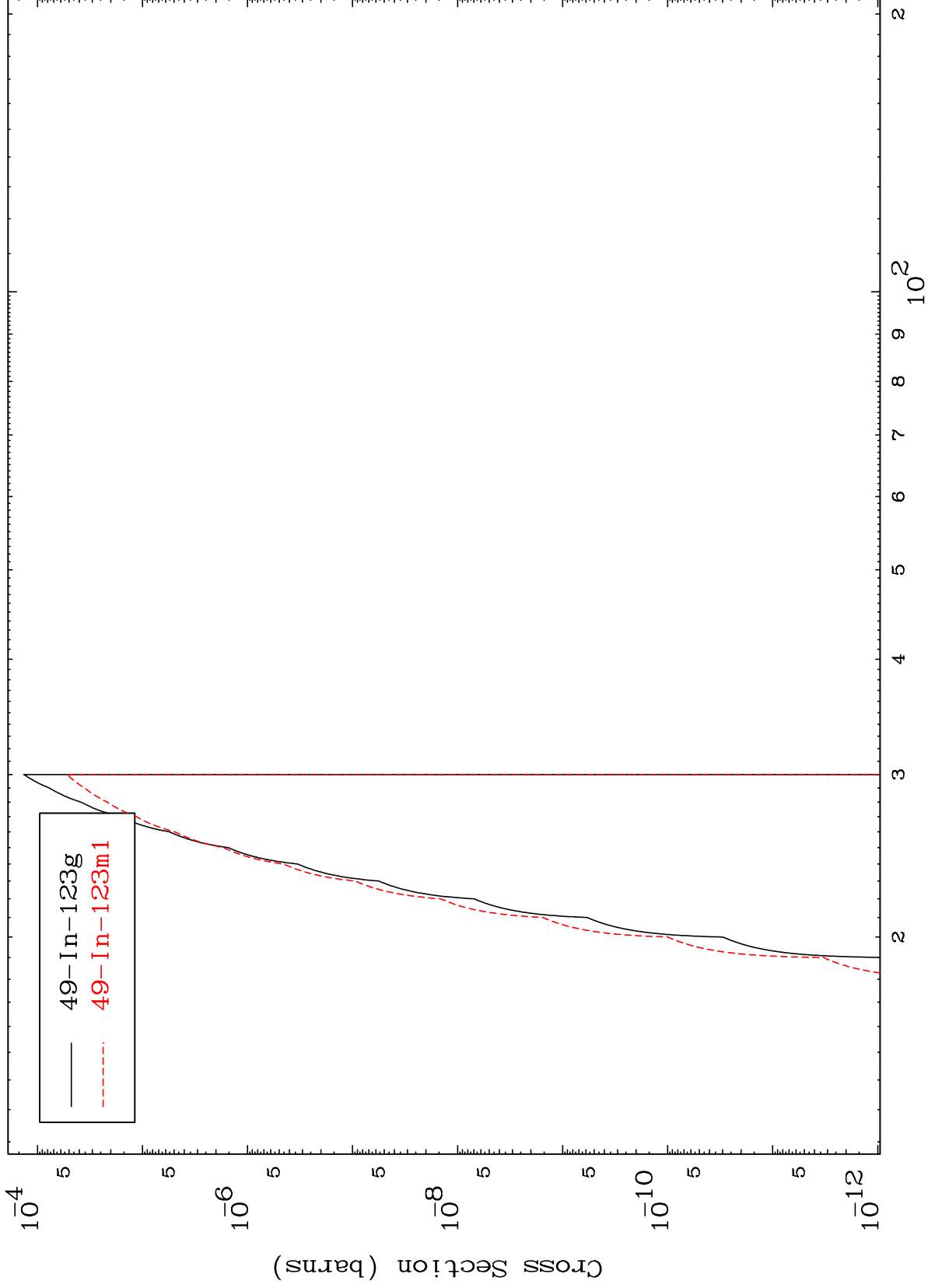
150

MAT 5137

(n,He-3)

51-Sb-125

Radionuclide Production Cross Section

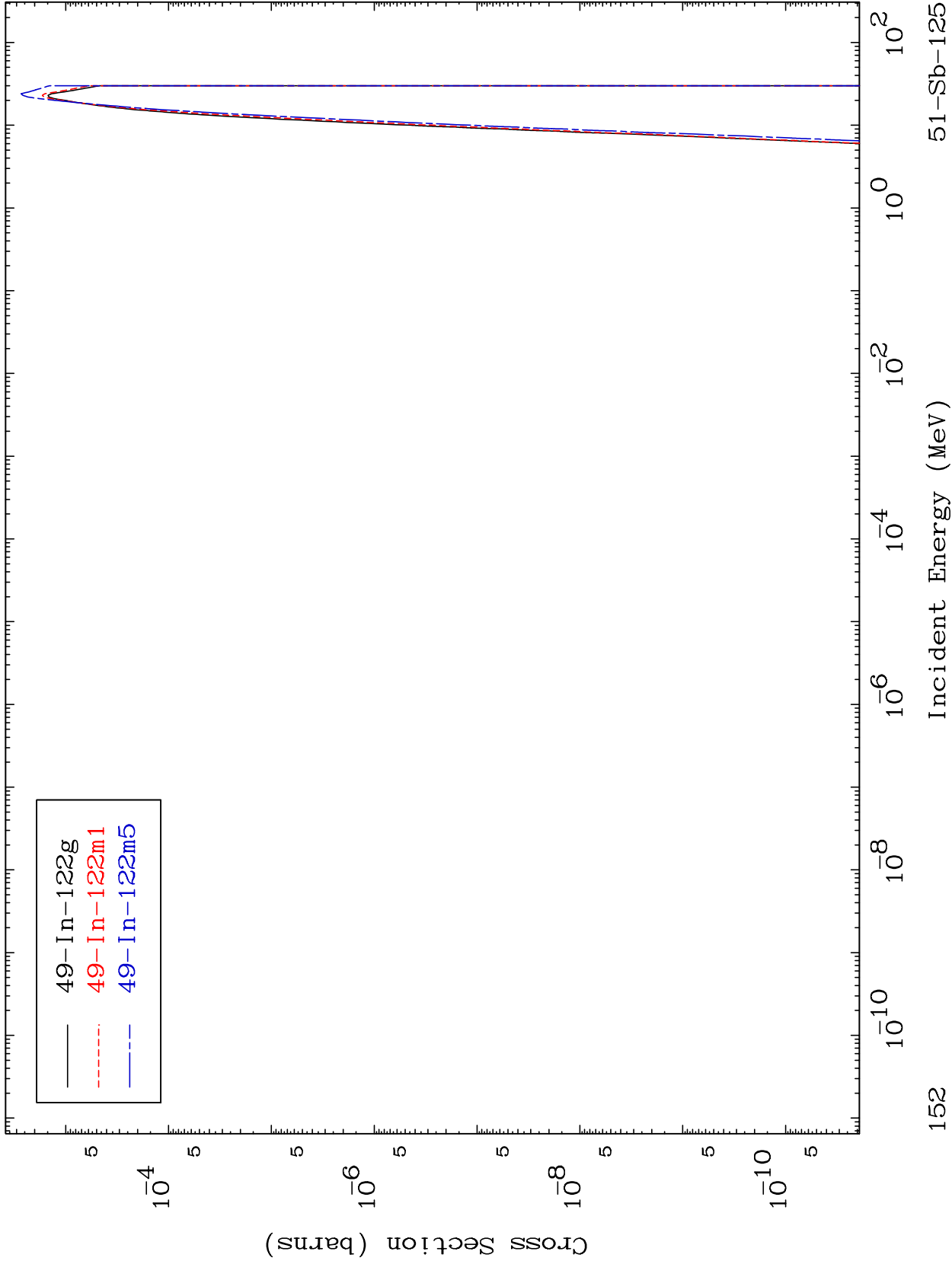




MAT 5137

51-Sb-125

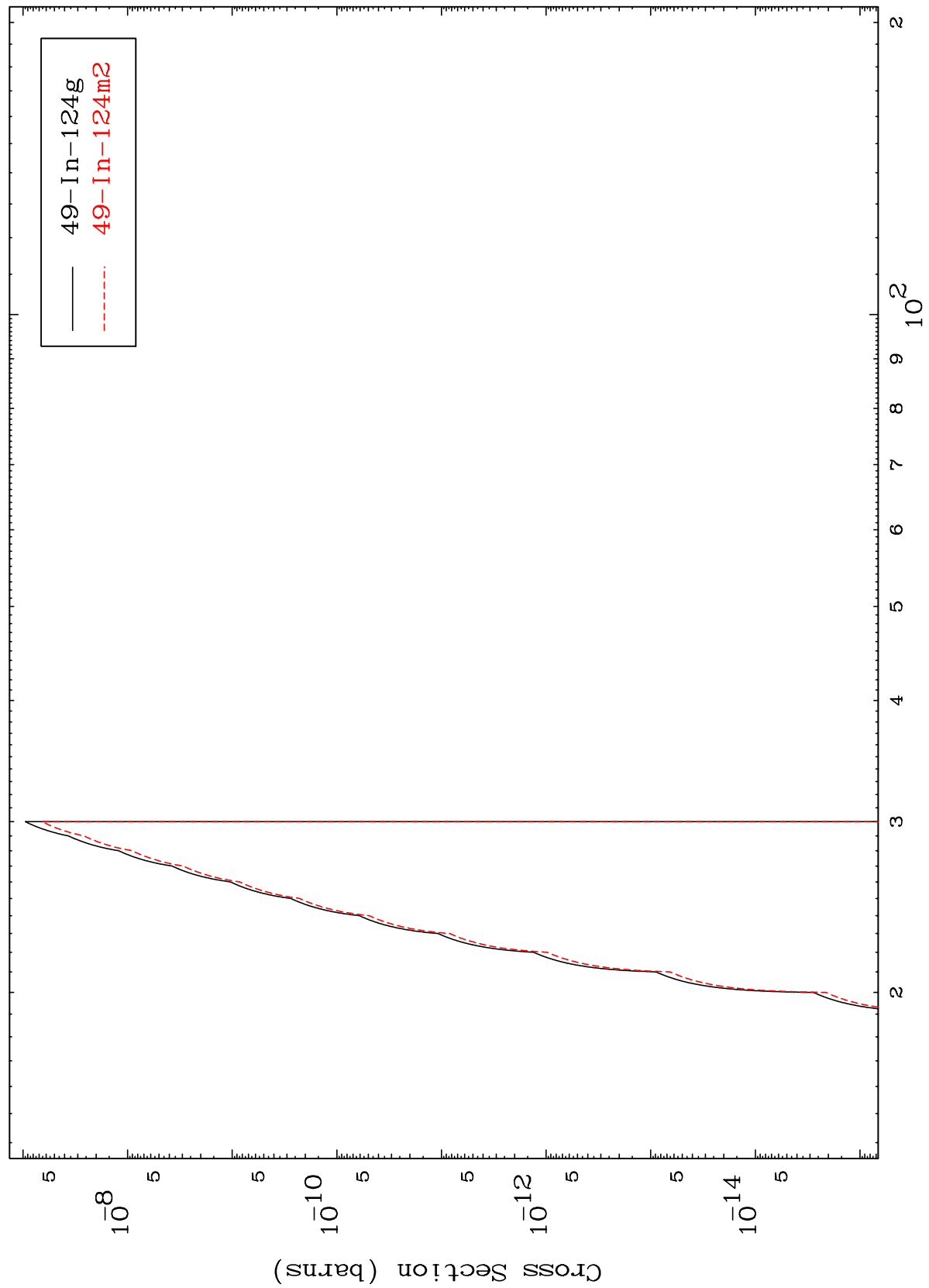
Radionuclide Production Cross Section



152

51-Sb-125

(n,2p)  
Radionuclide Production Cross Section

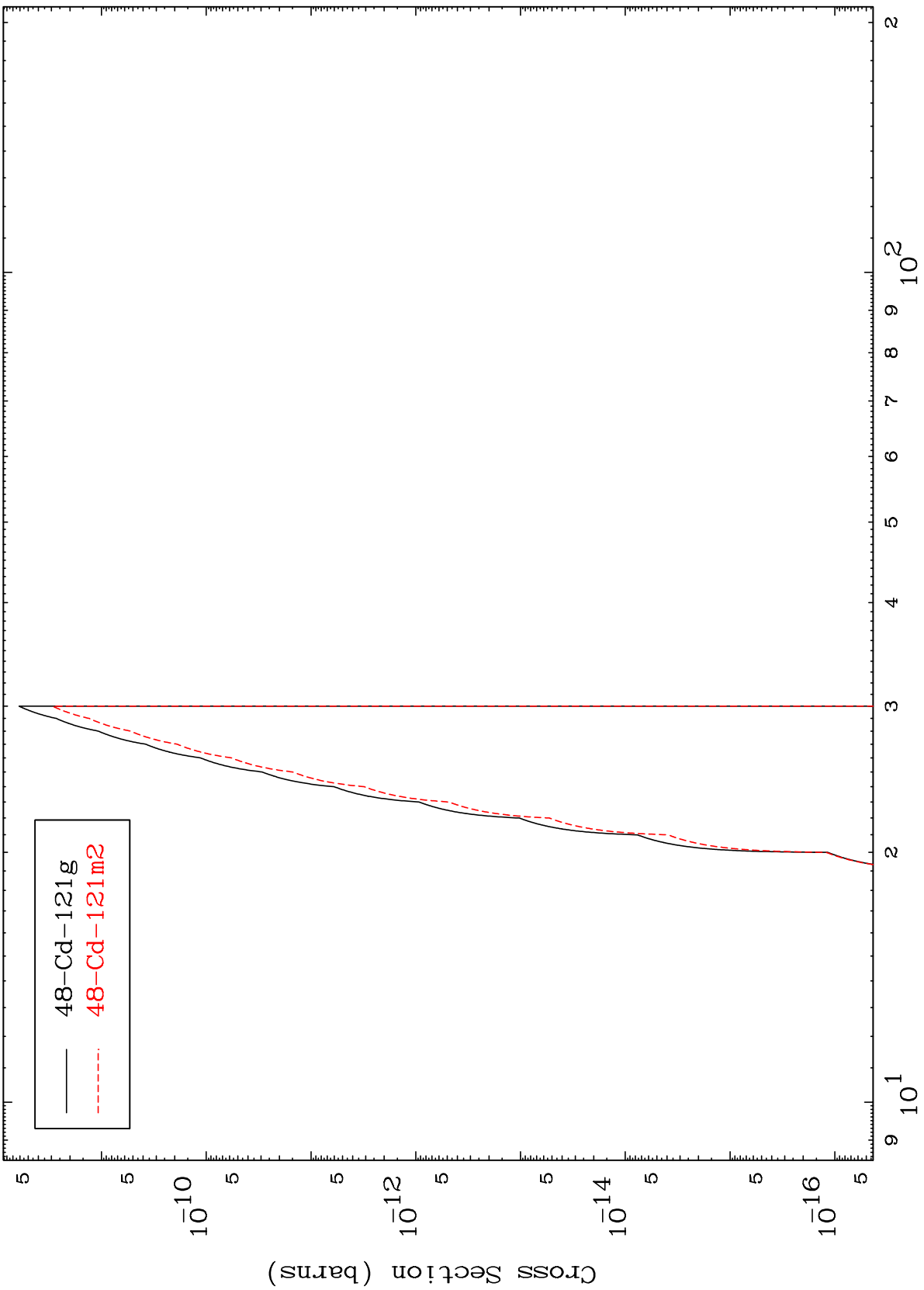


MAT 5137

(n,p)  $\alpha$

51-Sb-125

Radionuclide Production Cross Section



48-Cd-121g  
48-Cd-121m2

154

Incident Energy (MeV)

51-Sb-125