

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

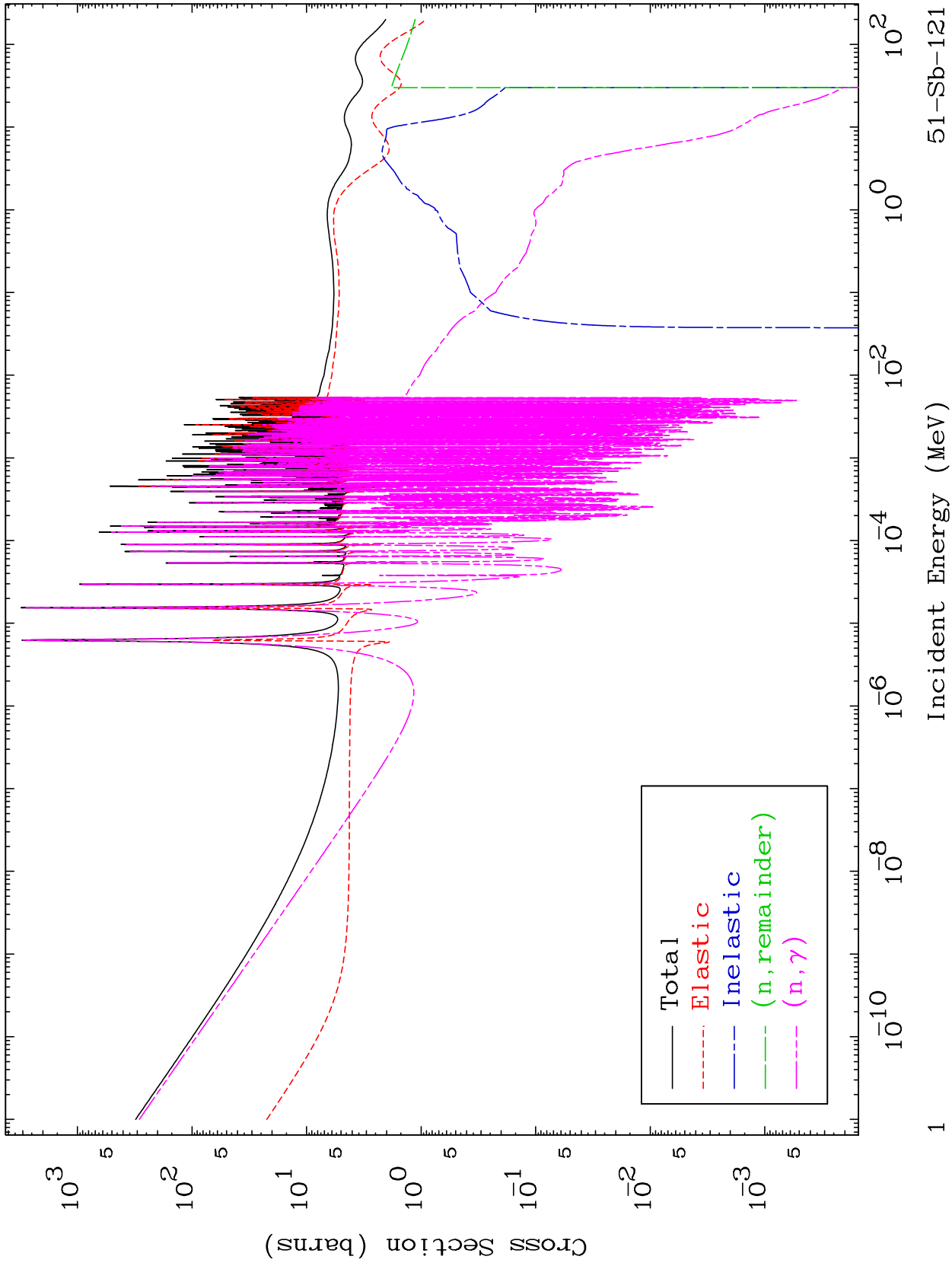
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

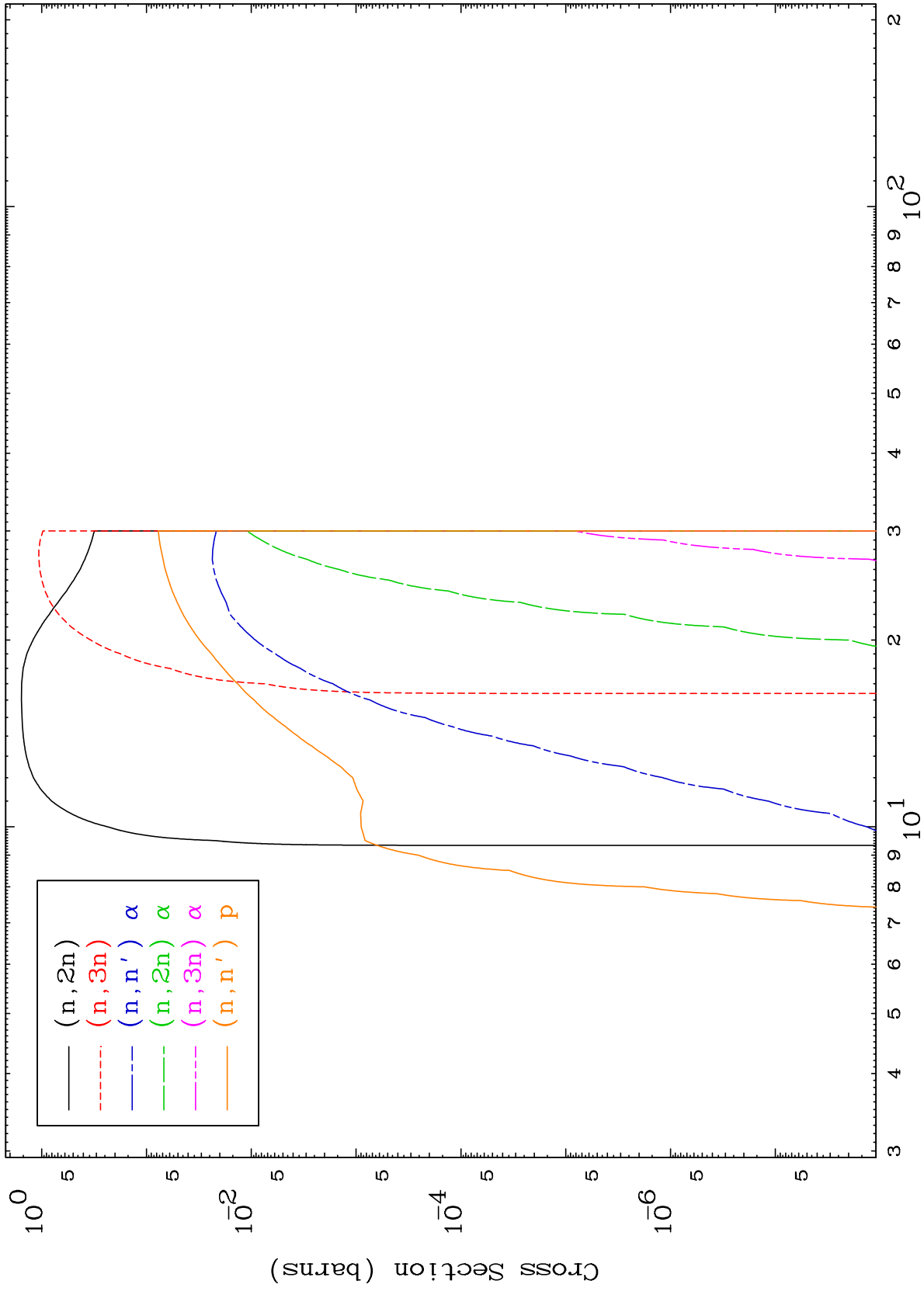
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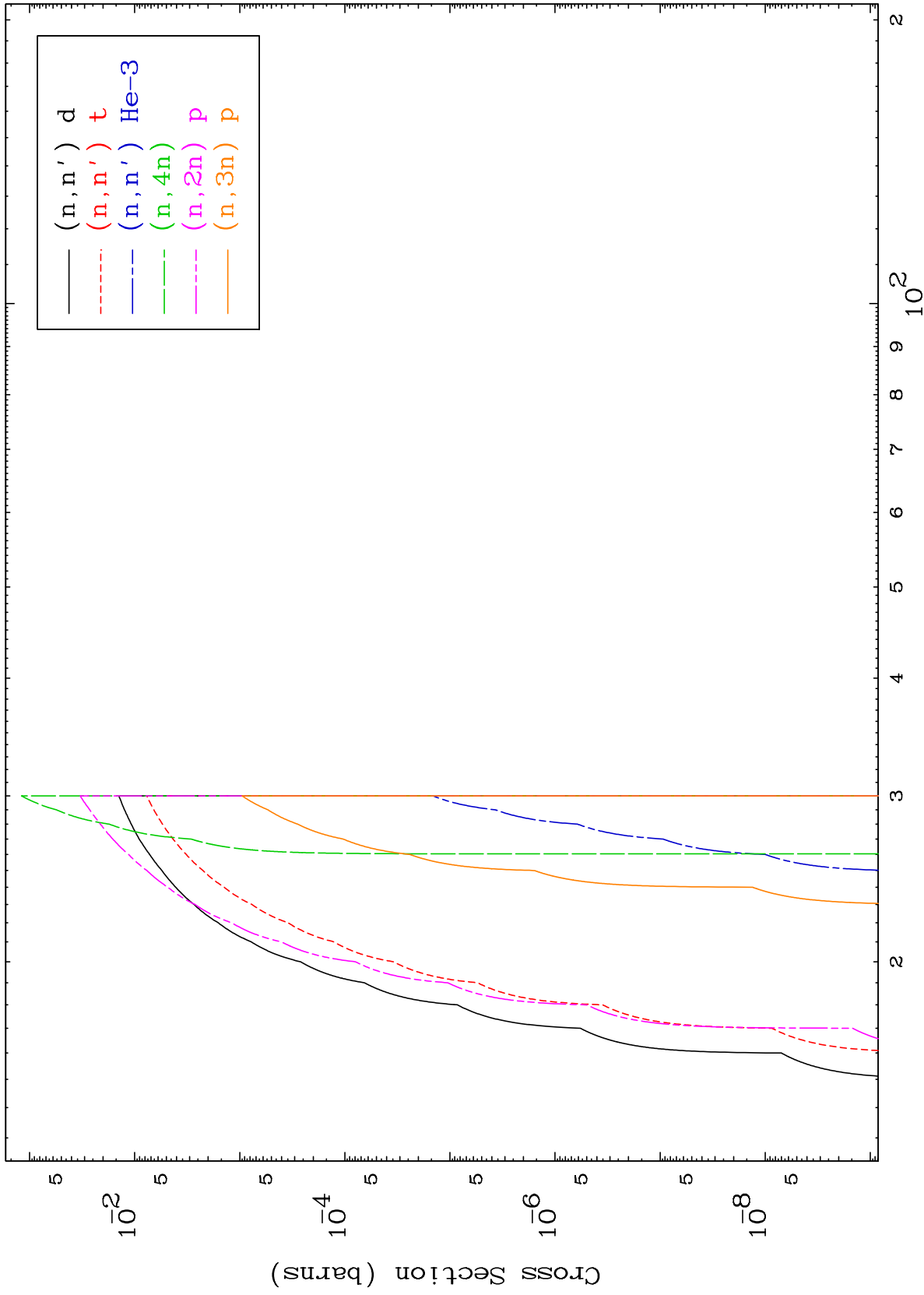
MAT 5125

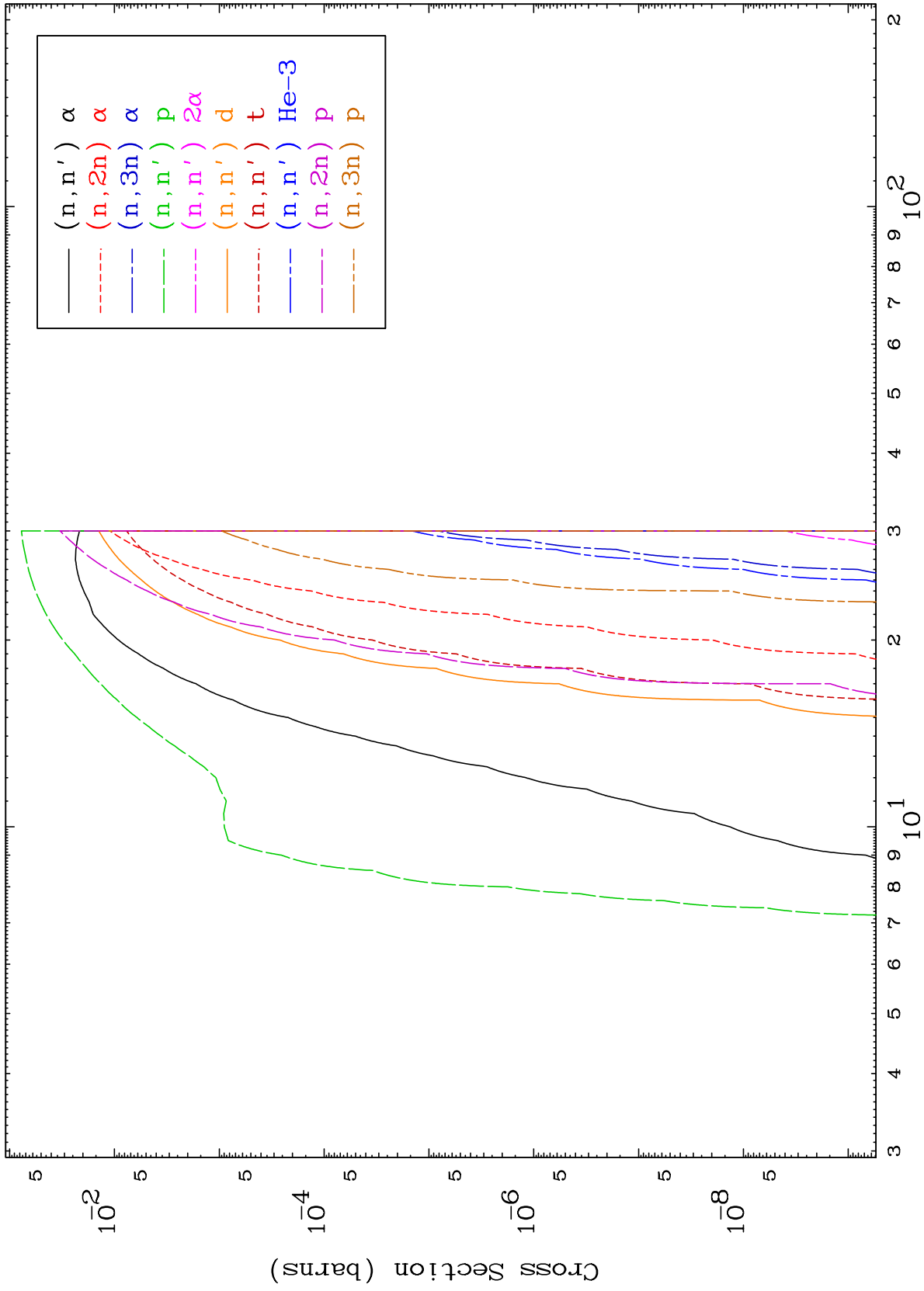
Major  
293 Kelvin Cross Sections

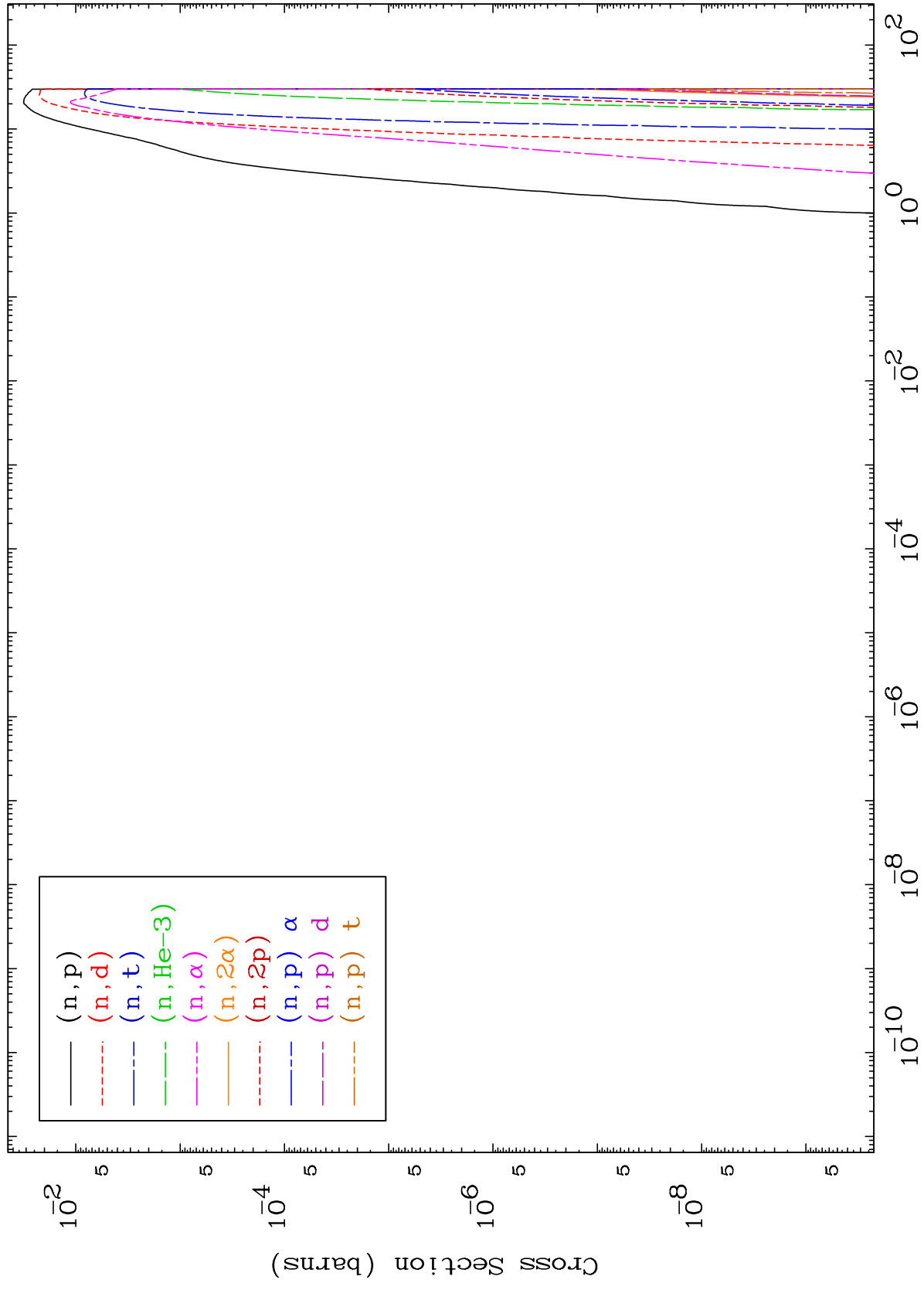
51-Sb-121







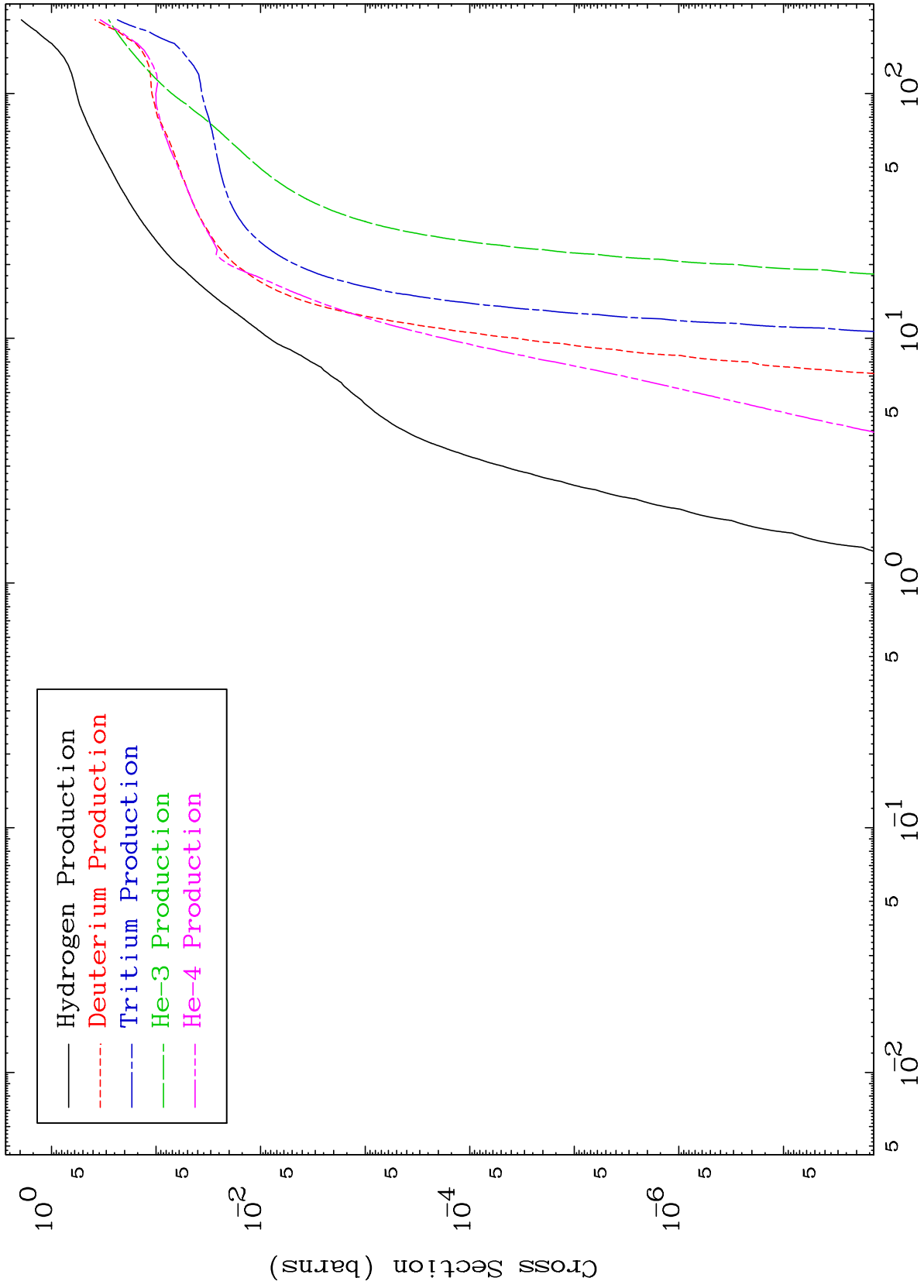




MAT 5125

Particle Production  
293 Kelvin Cross Sections

51-Sb-121



51-Sb-121

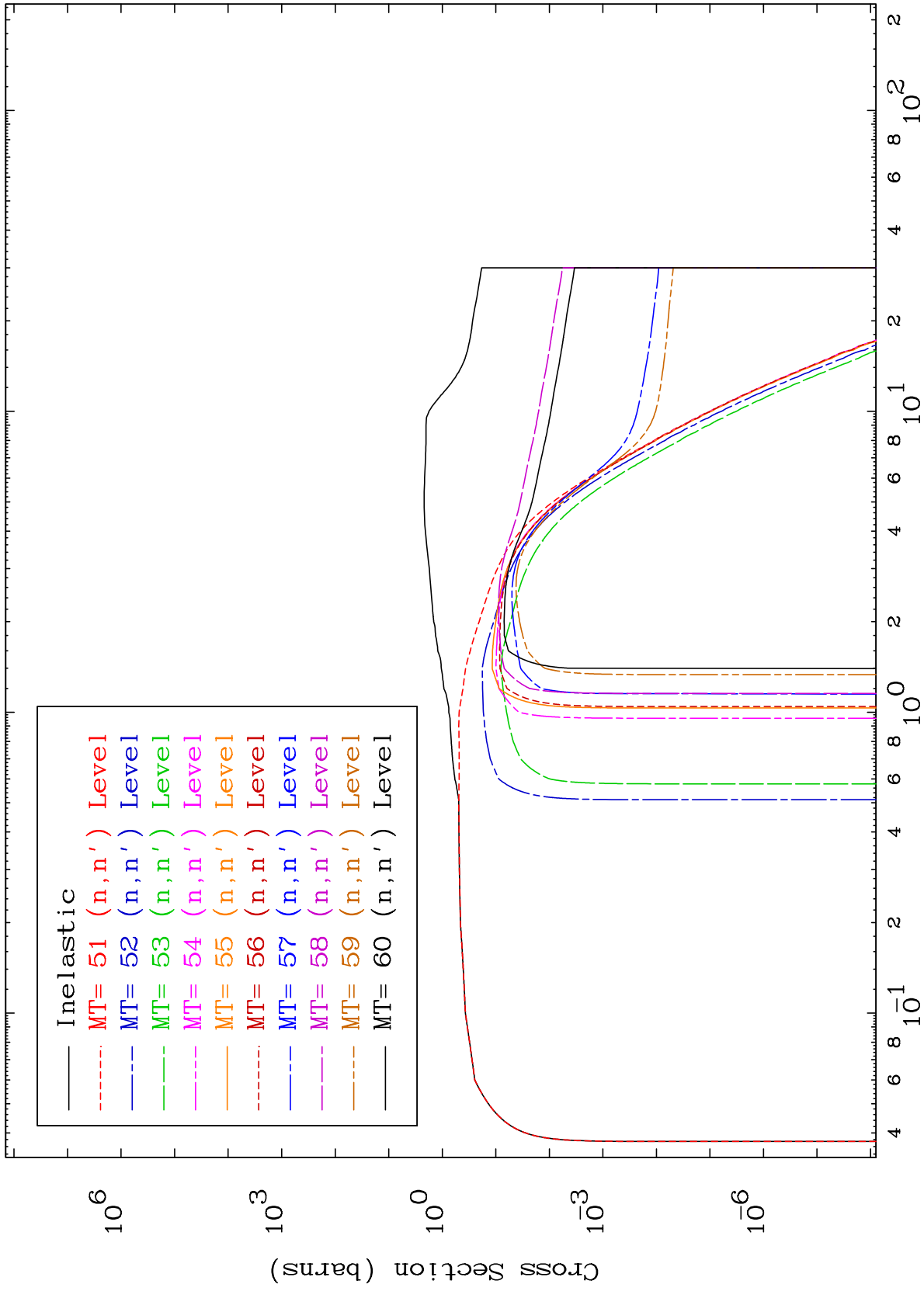
Incident Energy (MeV)

6

MAT 5125

293 Kelvin Cross Sections

51-Sb-121



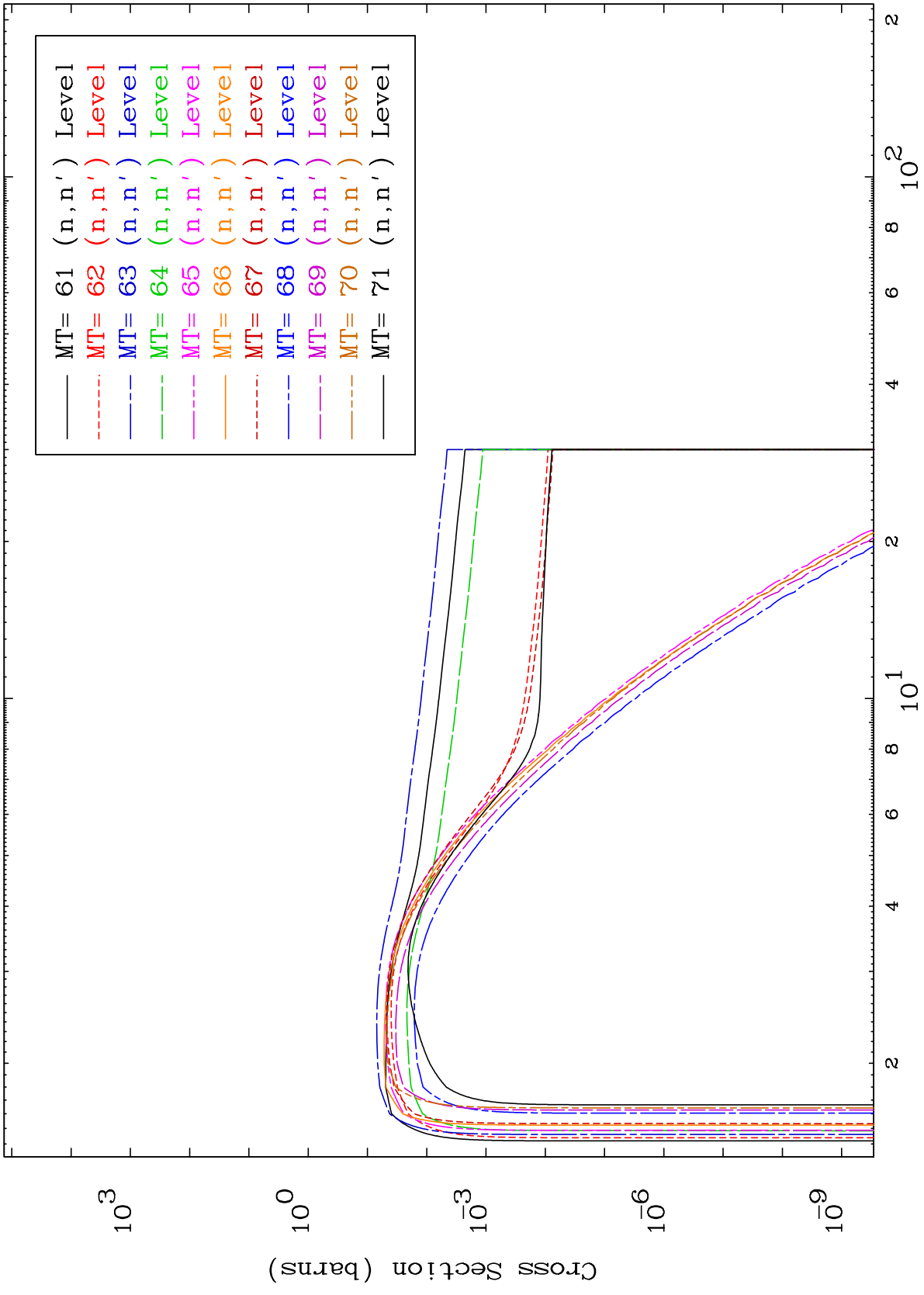


MAT 5125

(n,n') Level

51-Sb-121

293 Kelvin Cross Sections



8

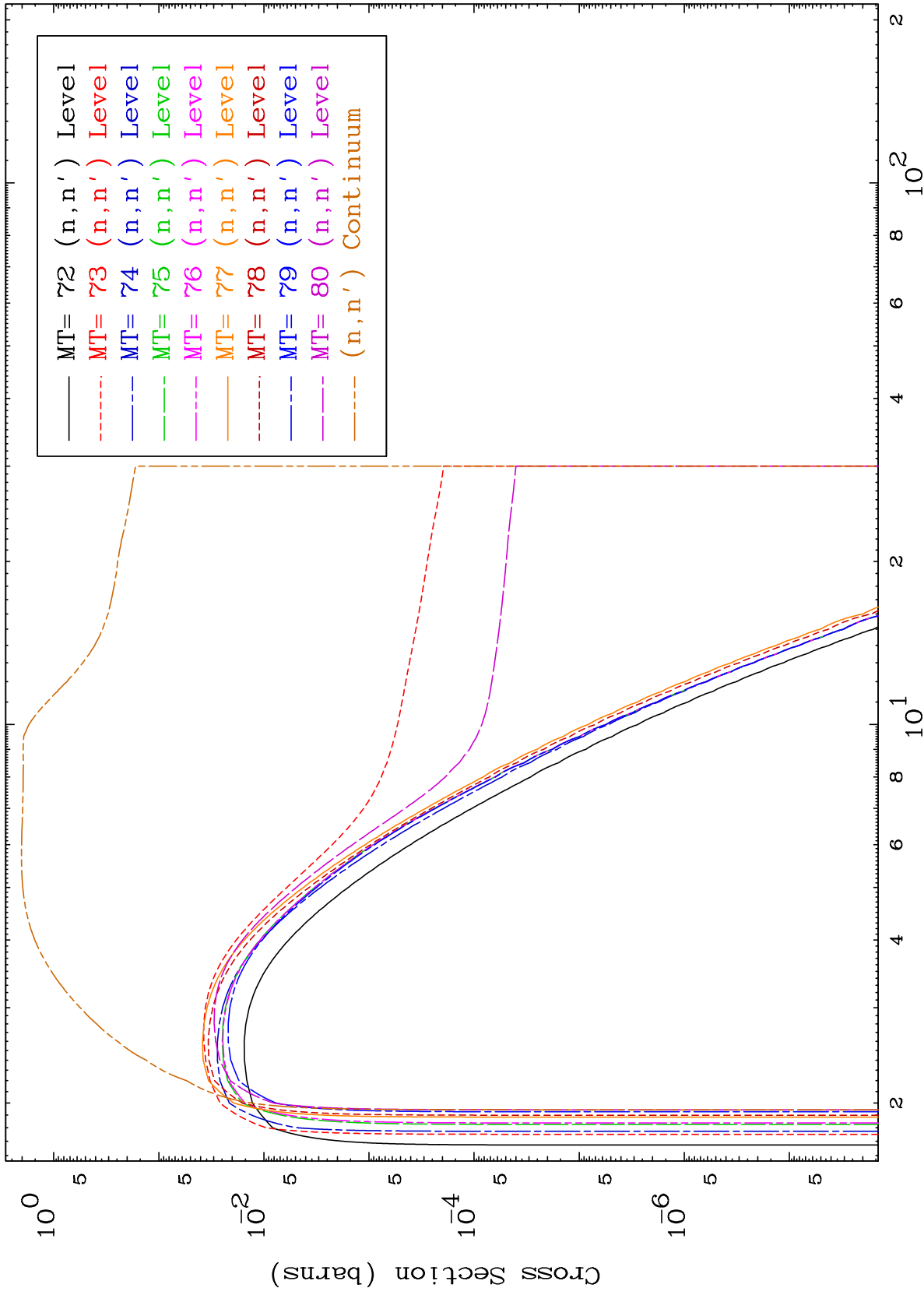
Incident Energy (MeV)

51-Sb-121

MAT 5125

(n,n') Level  
293 Kelvin Cross Sections

51-Sb-121



9

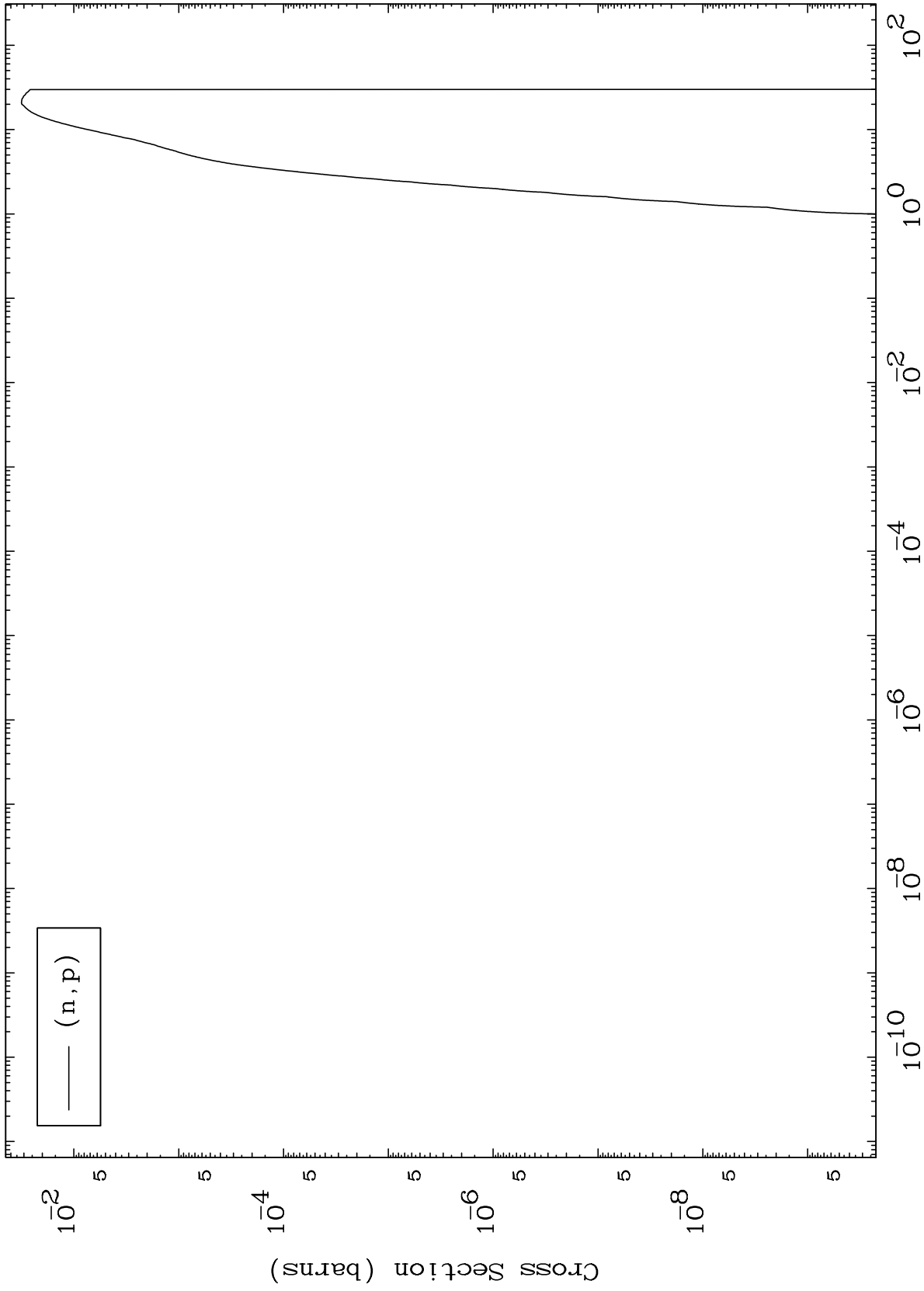
Incident Energy (MeV)

51-Sb-121

MAT 5125

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-121



10

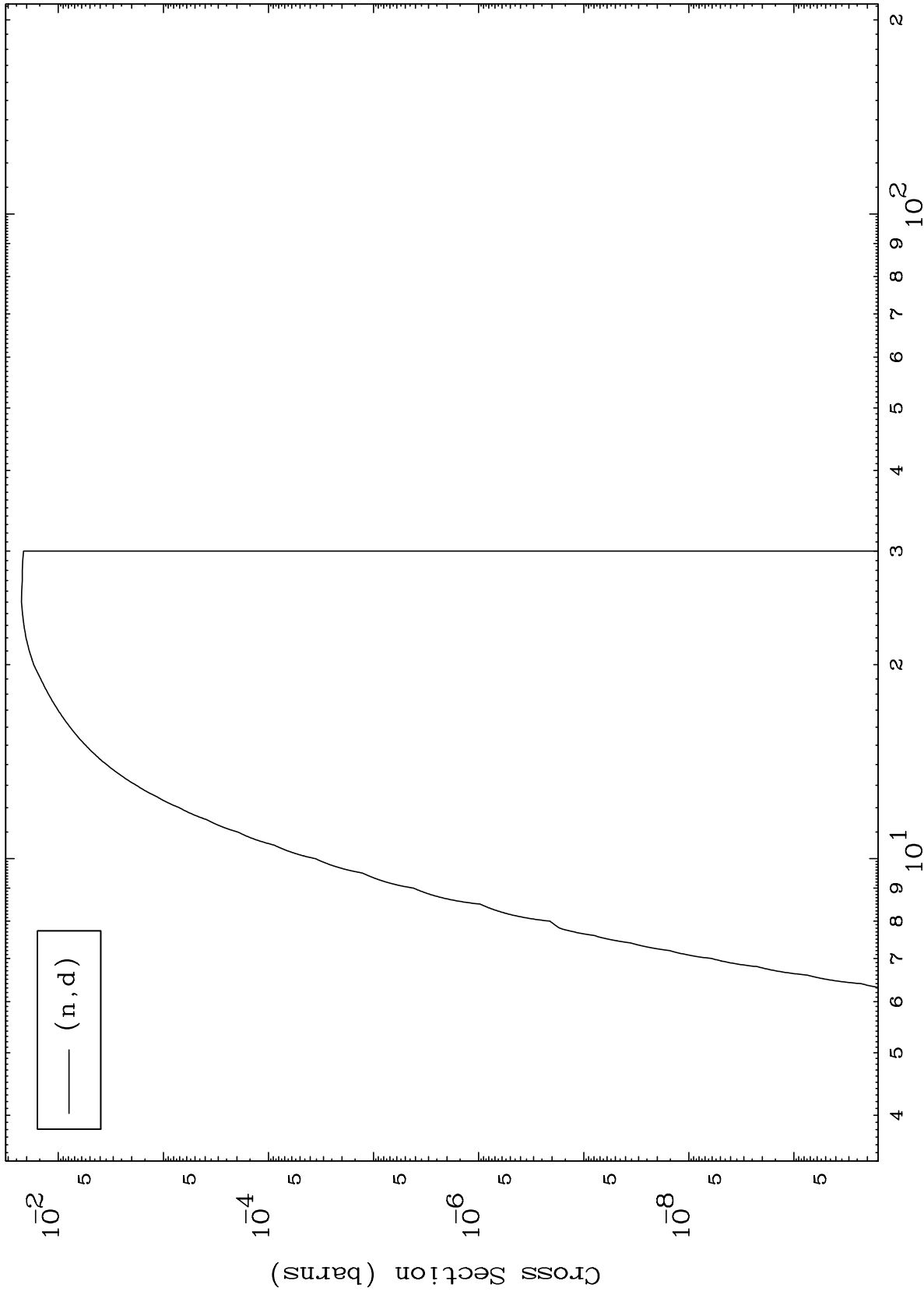
Incident Energy (MeV)

51-Sb-121

MAT 5125

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-121



11

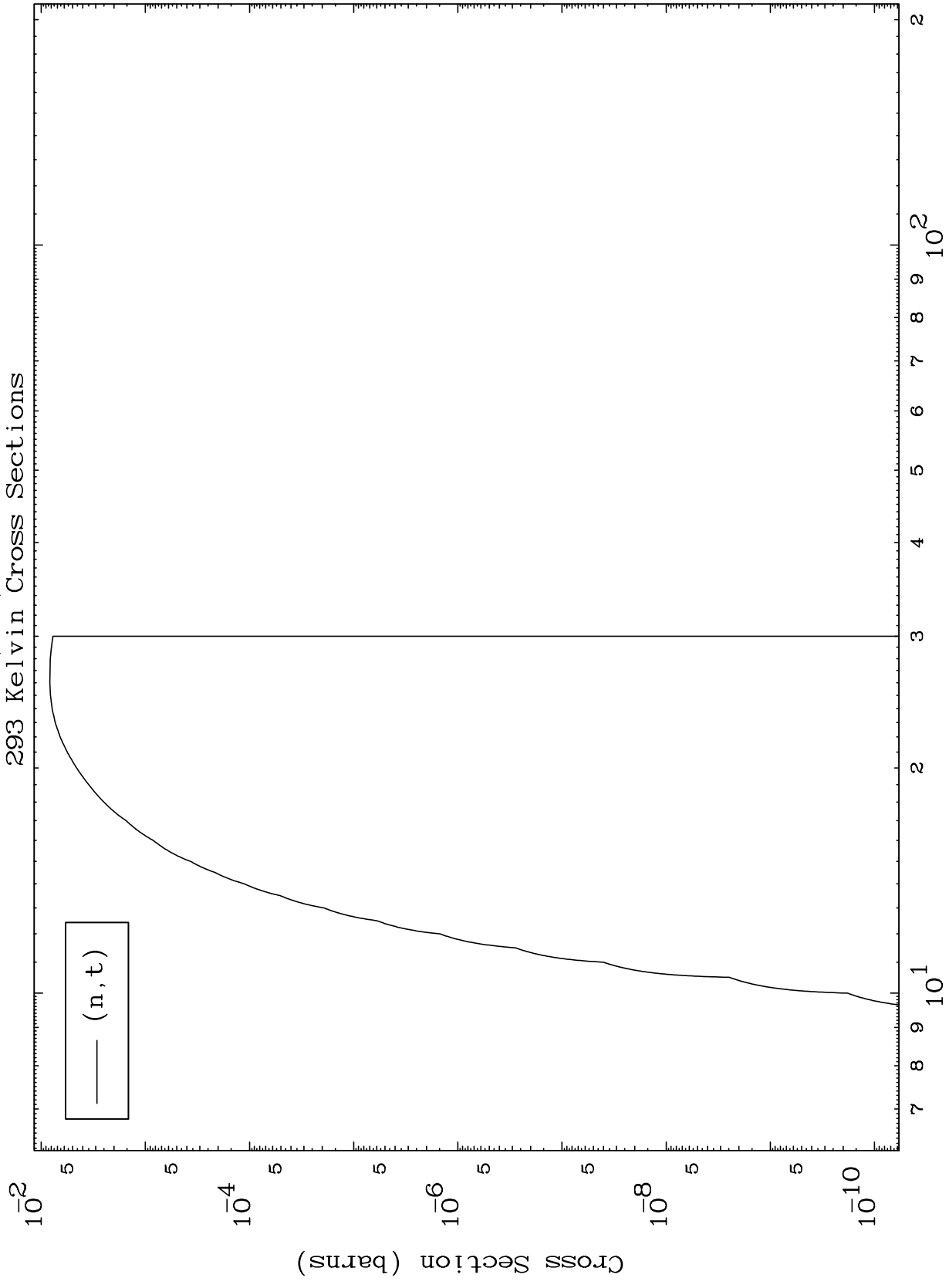
Incident Energy (MeV)

51-Sb-121

MAT 5125

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-121



12

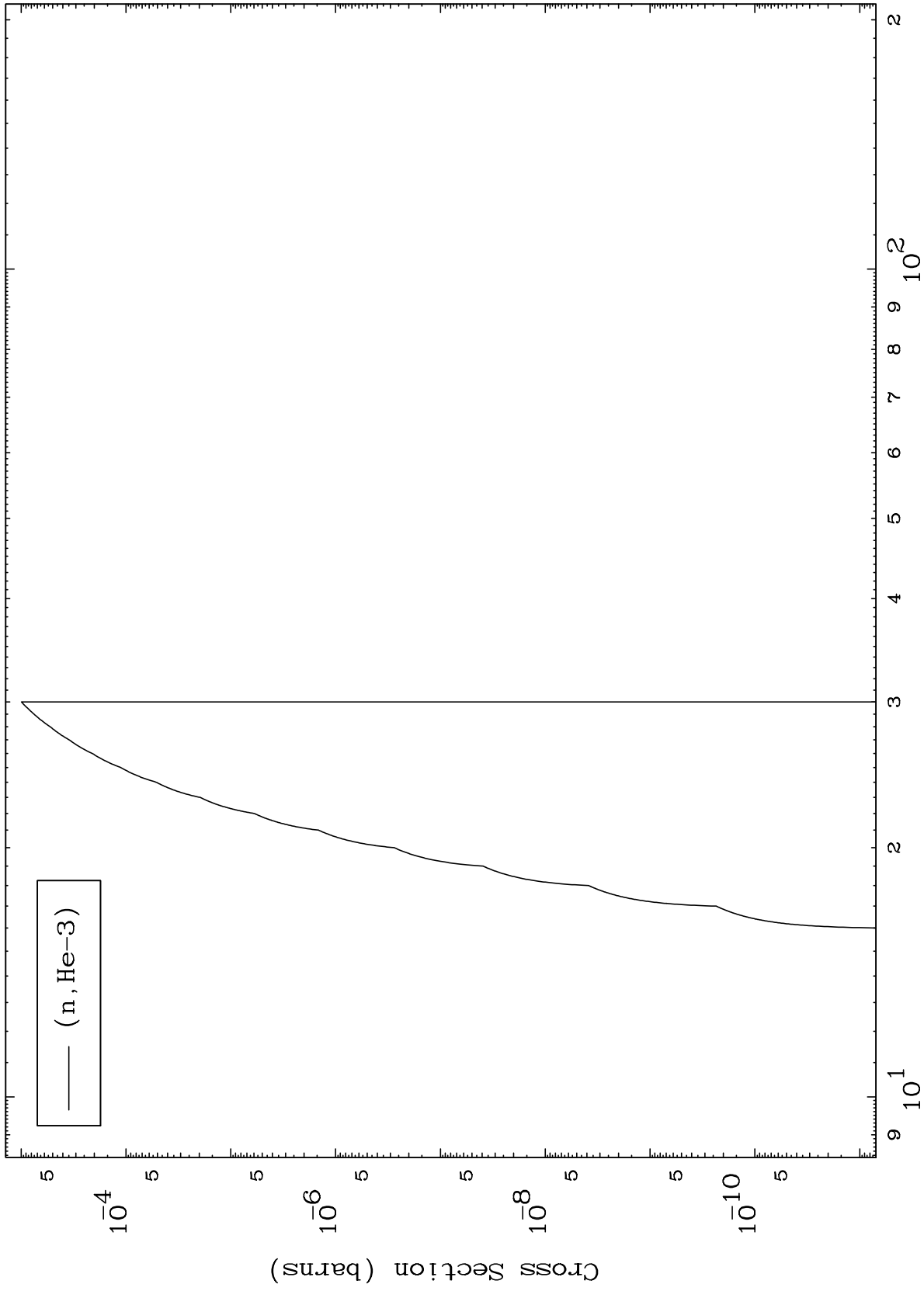
Incident Energy (MeV)

51-Sb-121

MAT 5125

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-121



13

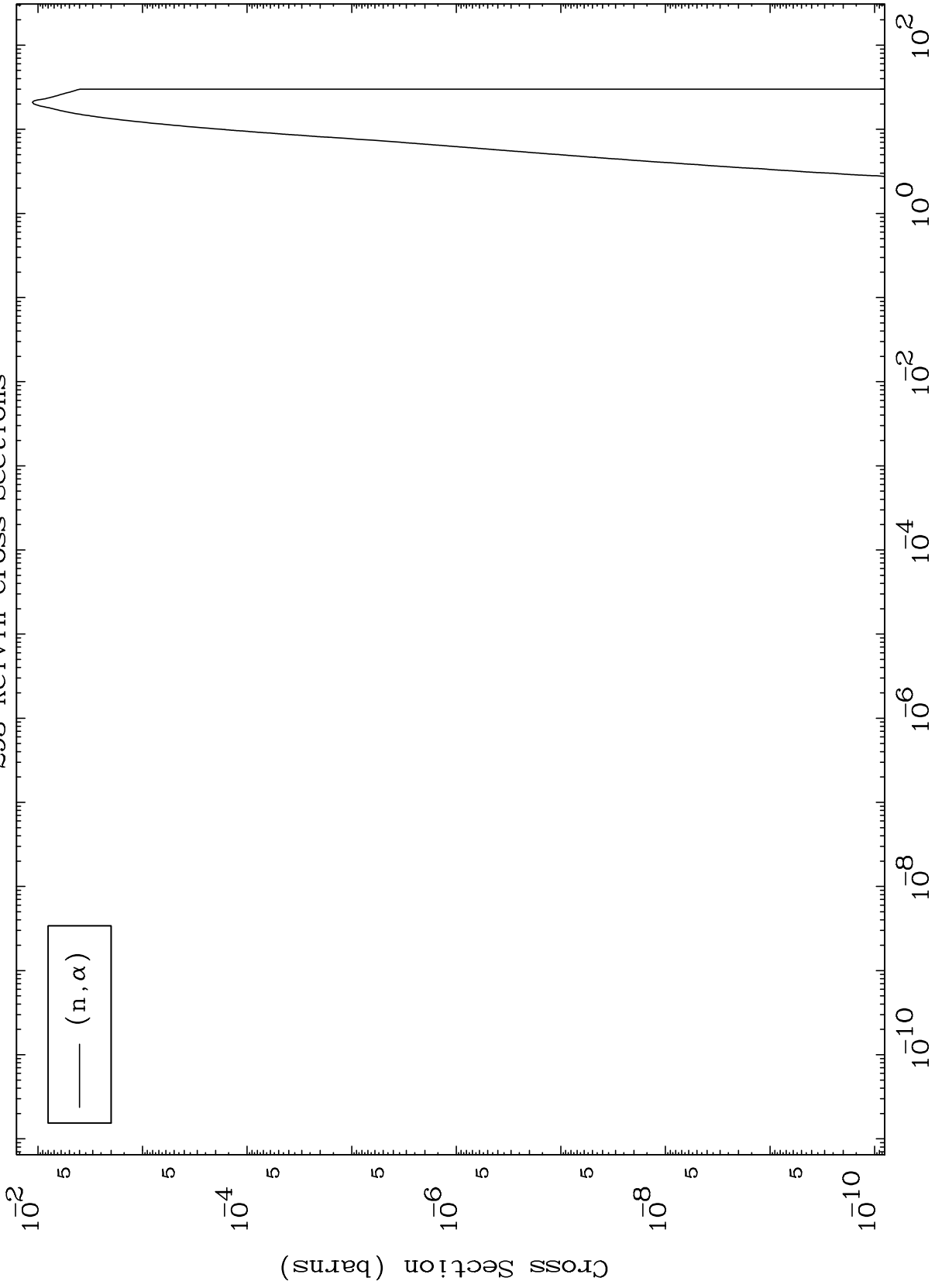
Incident Energy (MeV)

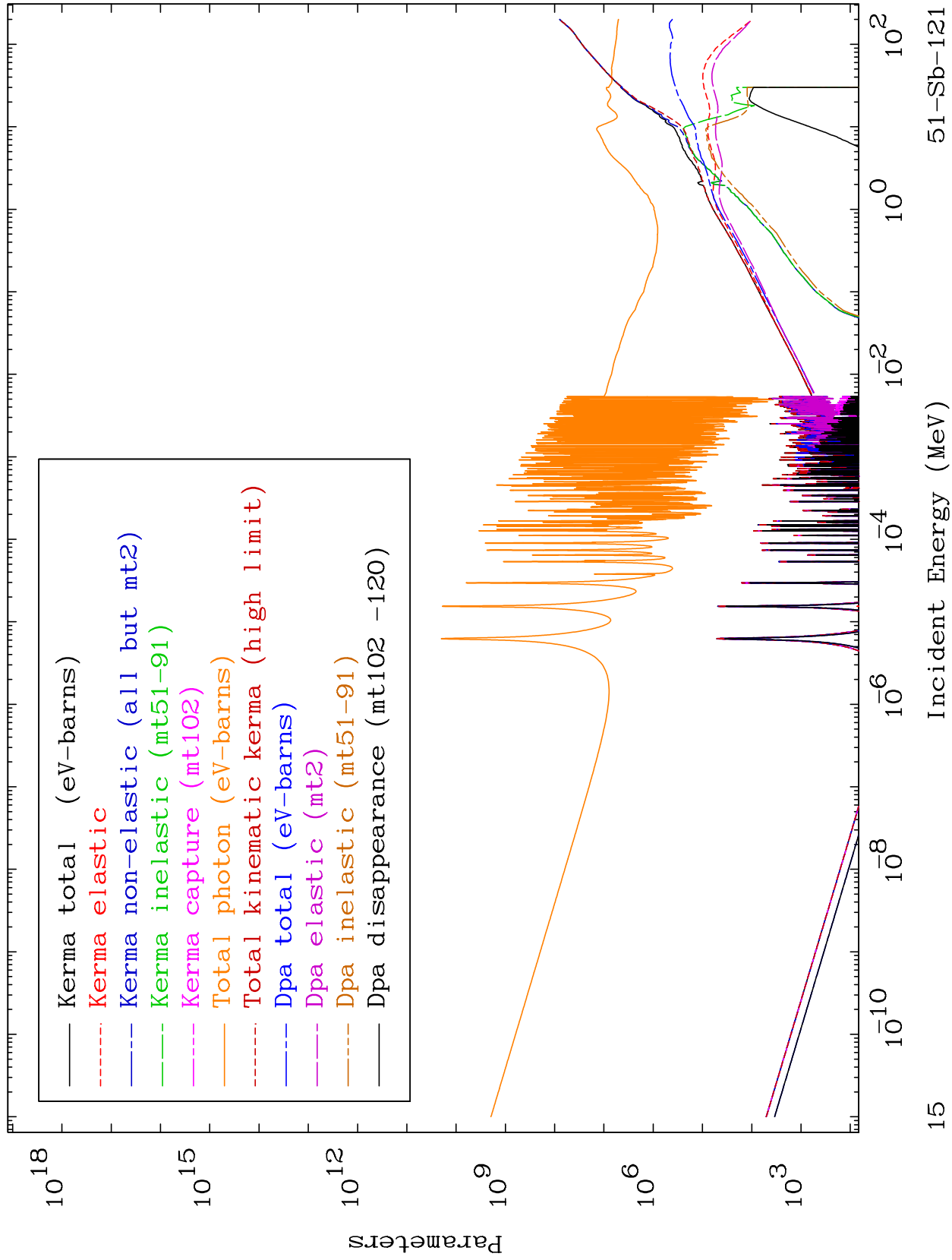
51-Sb-121

MAT 5125

(n,α) Levels  
293 Kelvin Cross Sections

51-Sb-121



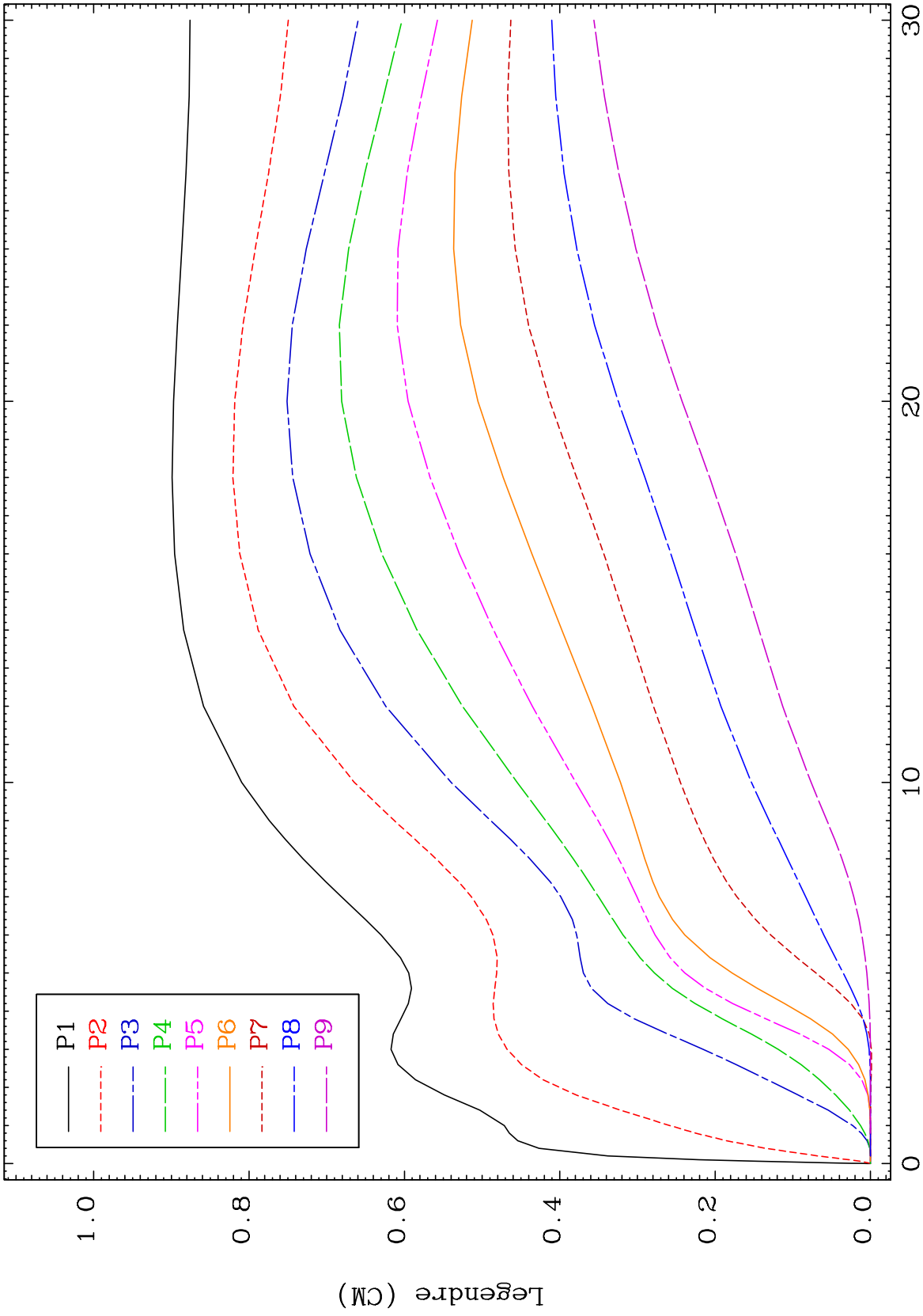




MAT 5125

Elastic Legendre Coefficients

51-Sb-121



16

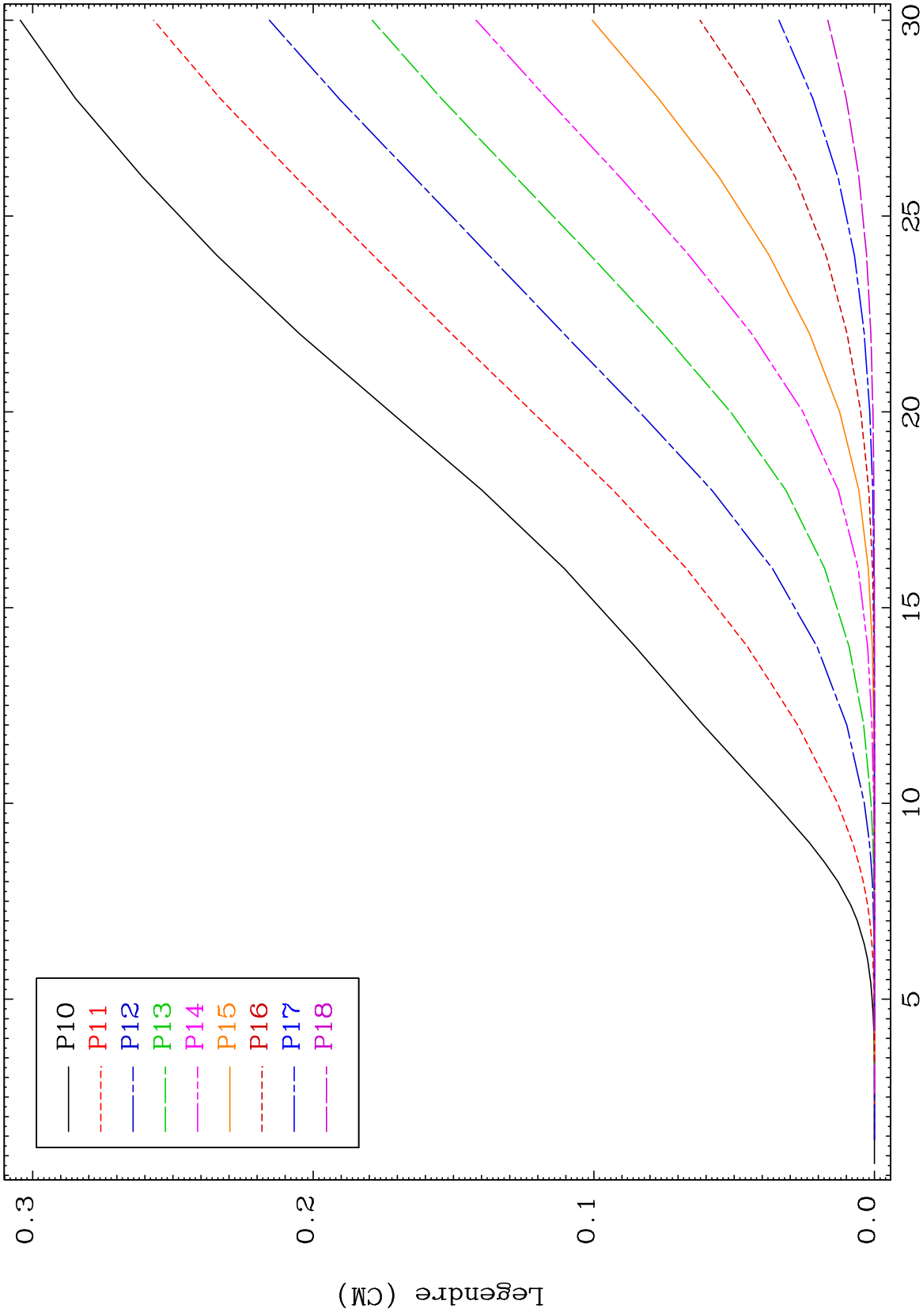
Incident Energy (MeV)

51-Sb-121

MAT 5125

Elastic Legendre Coefficients

51-Sb-121



17

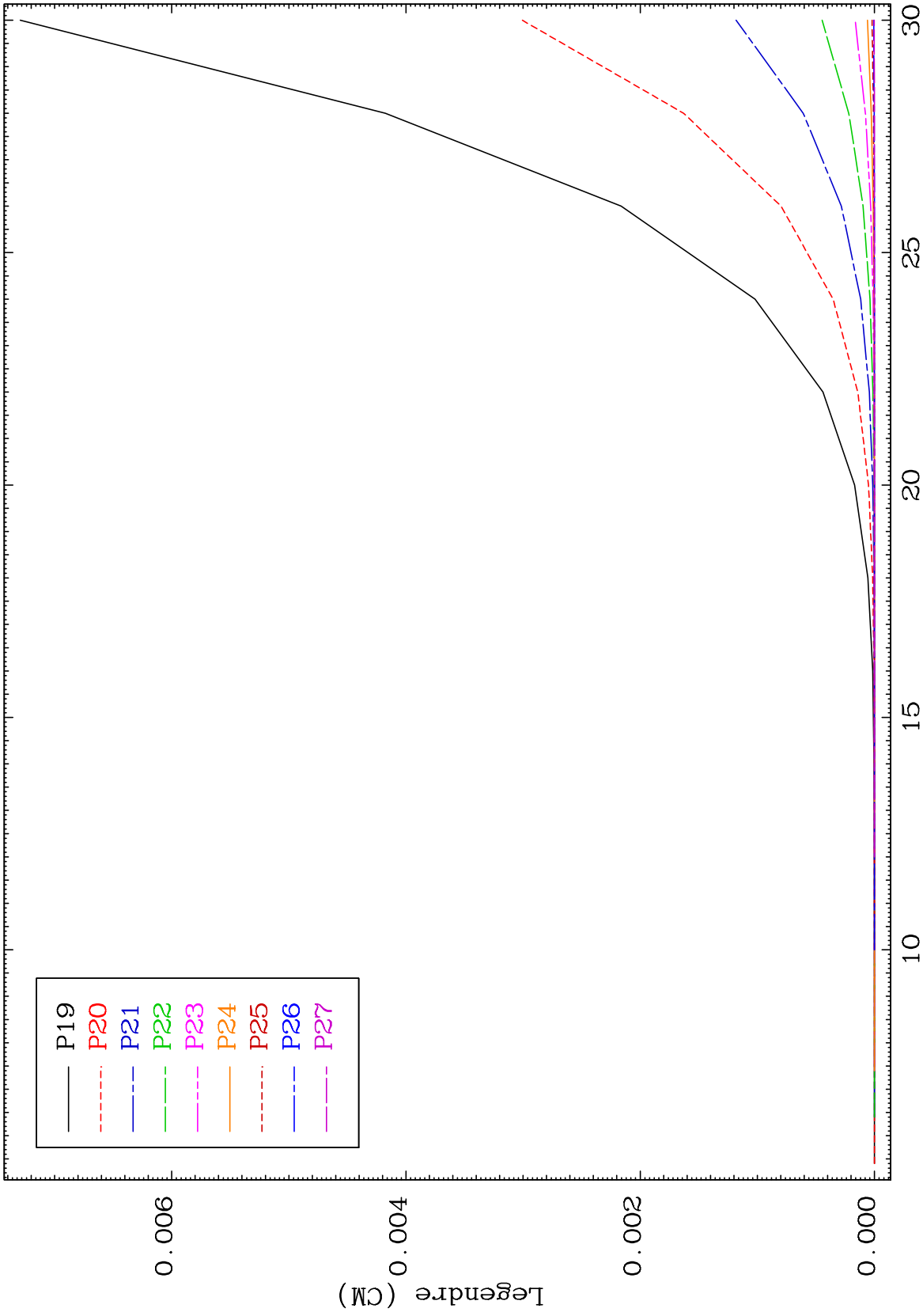
Incident Energy (MeV)

51-Sb-121

MAT 5125

### Elastic Legendre Coefficients

51-Sb-121



18

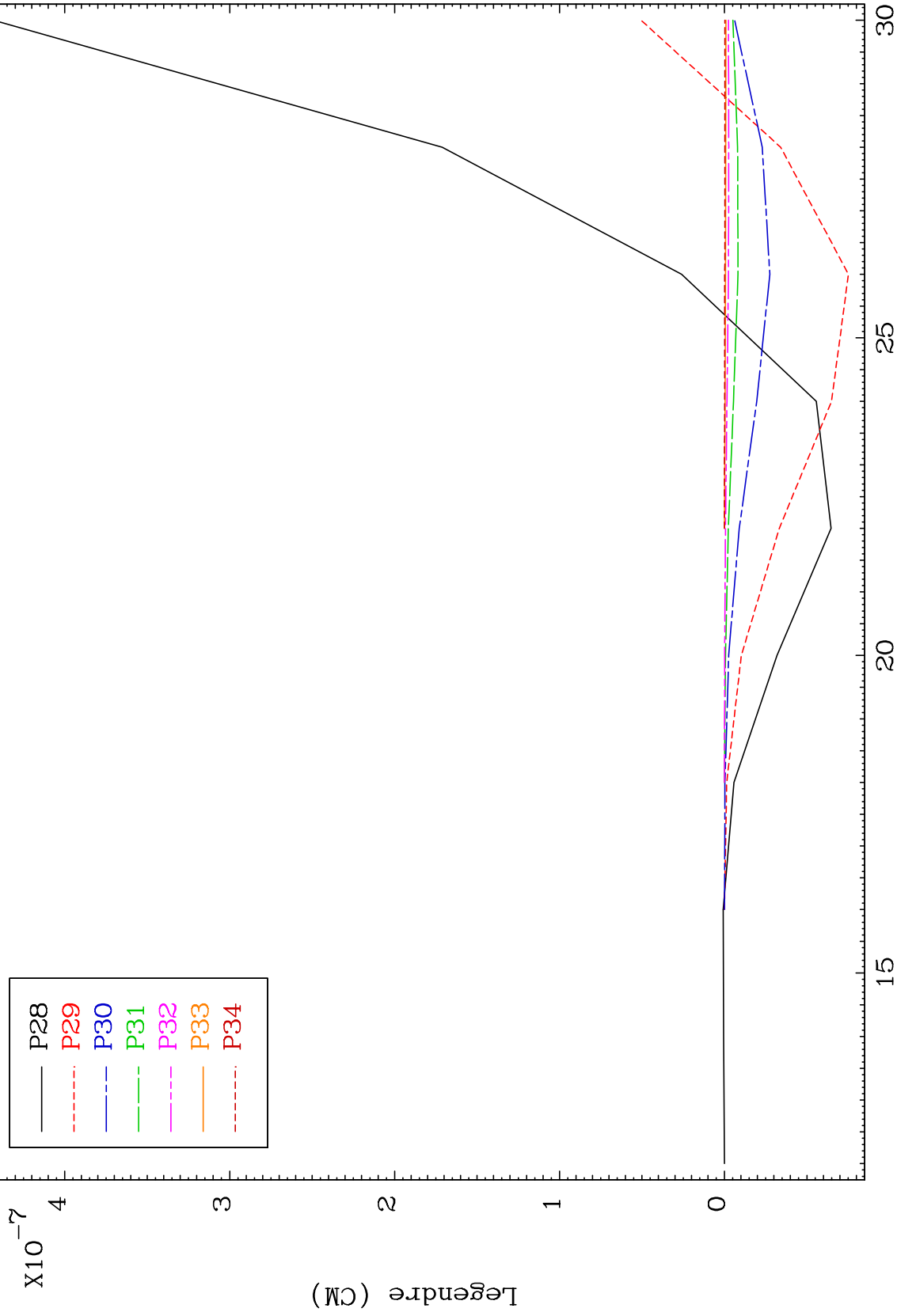
Incident Energy (MeV)

51-Sb-121

MAT 5125

Elastic Legendre Coefficients

51-Sb-121



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Incident Energy (MeV)

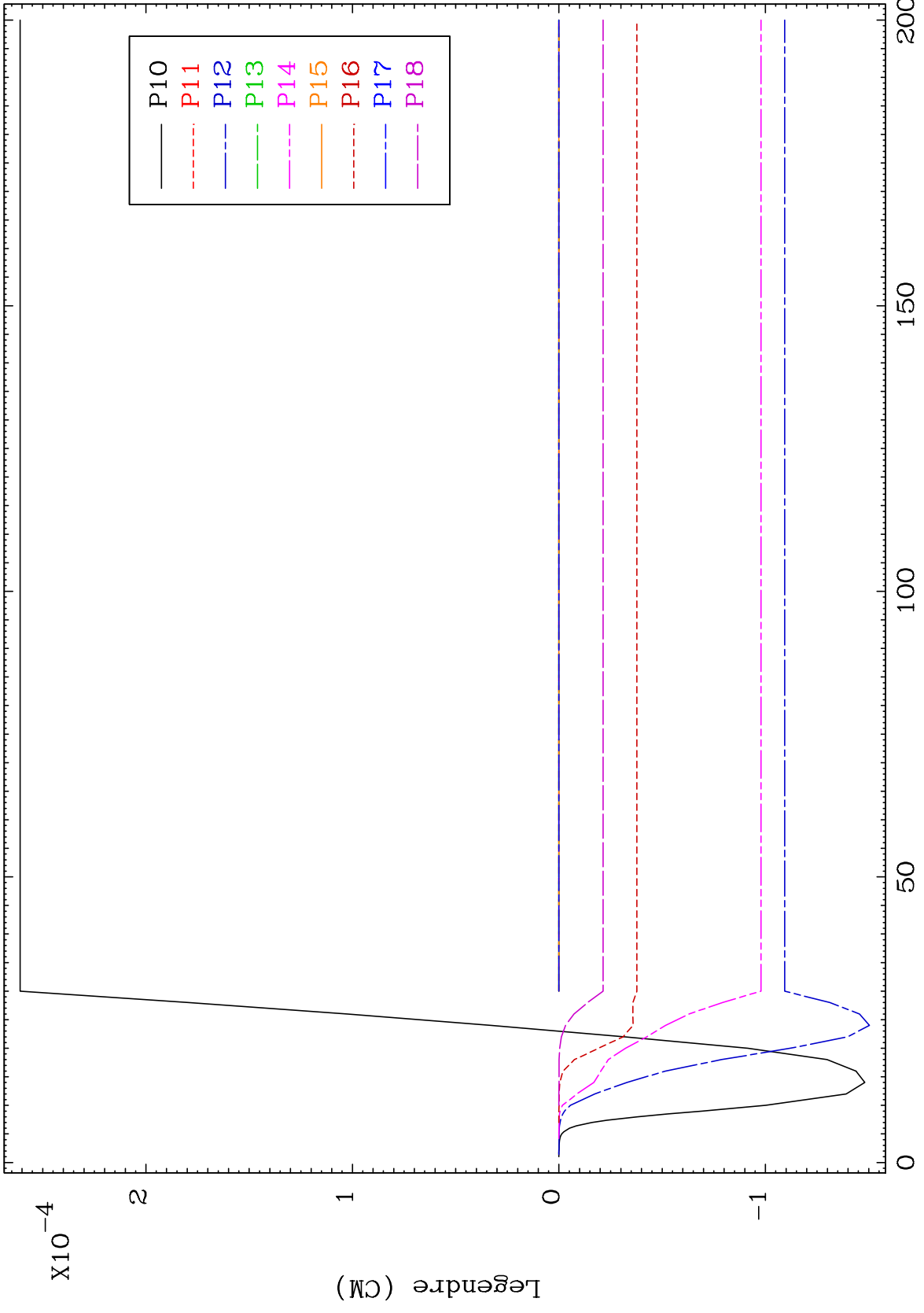
51-Sb-121



MAT 5125

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

51-Sb-121

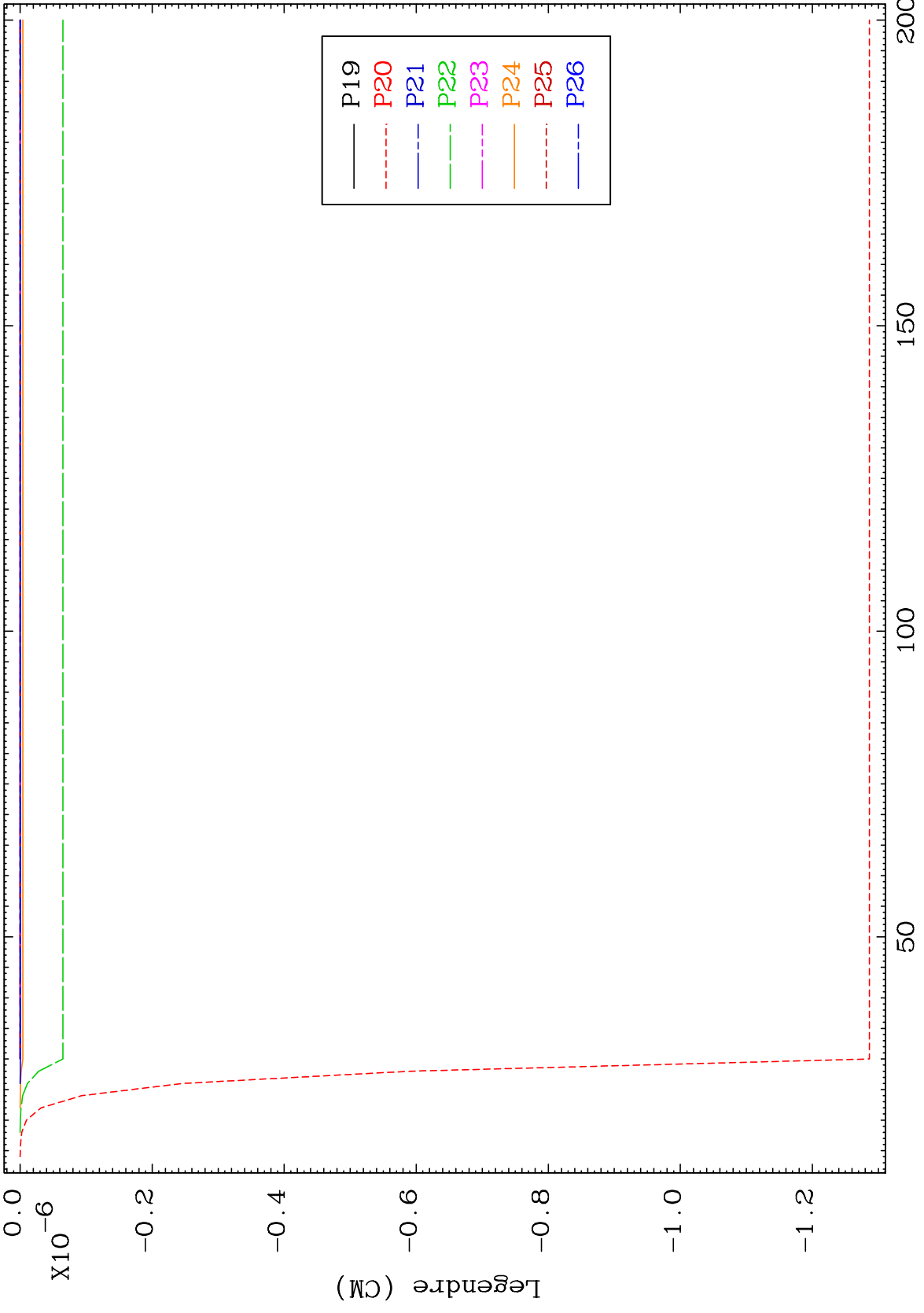


21

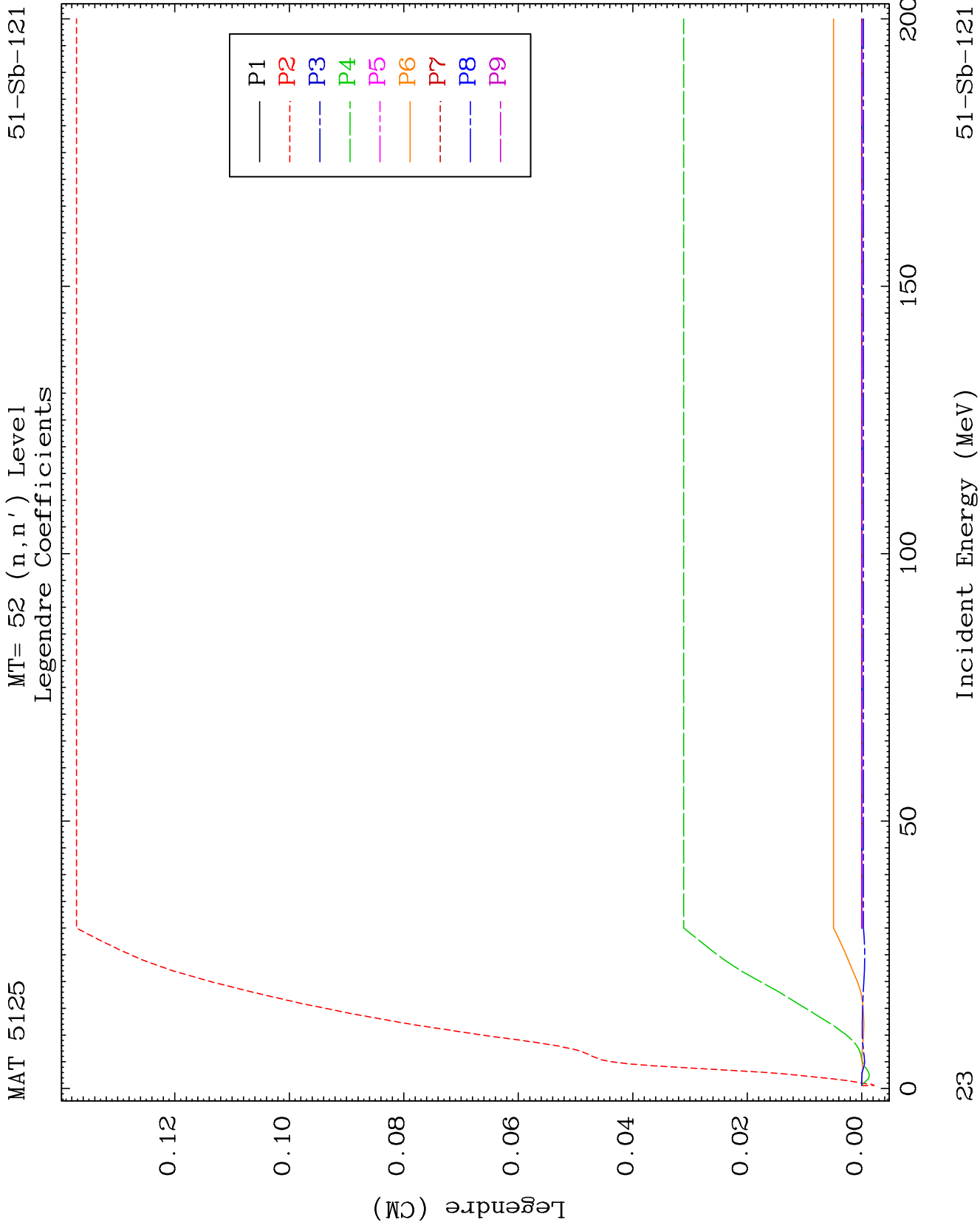
Incident Energy (MeV)

51-Sb-121

MAT 5125 MT= 51 (n,n') Level Legendre Coefficients 51-Sb-121

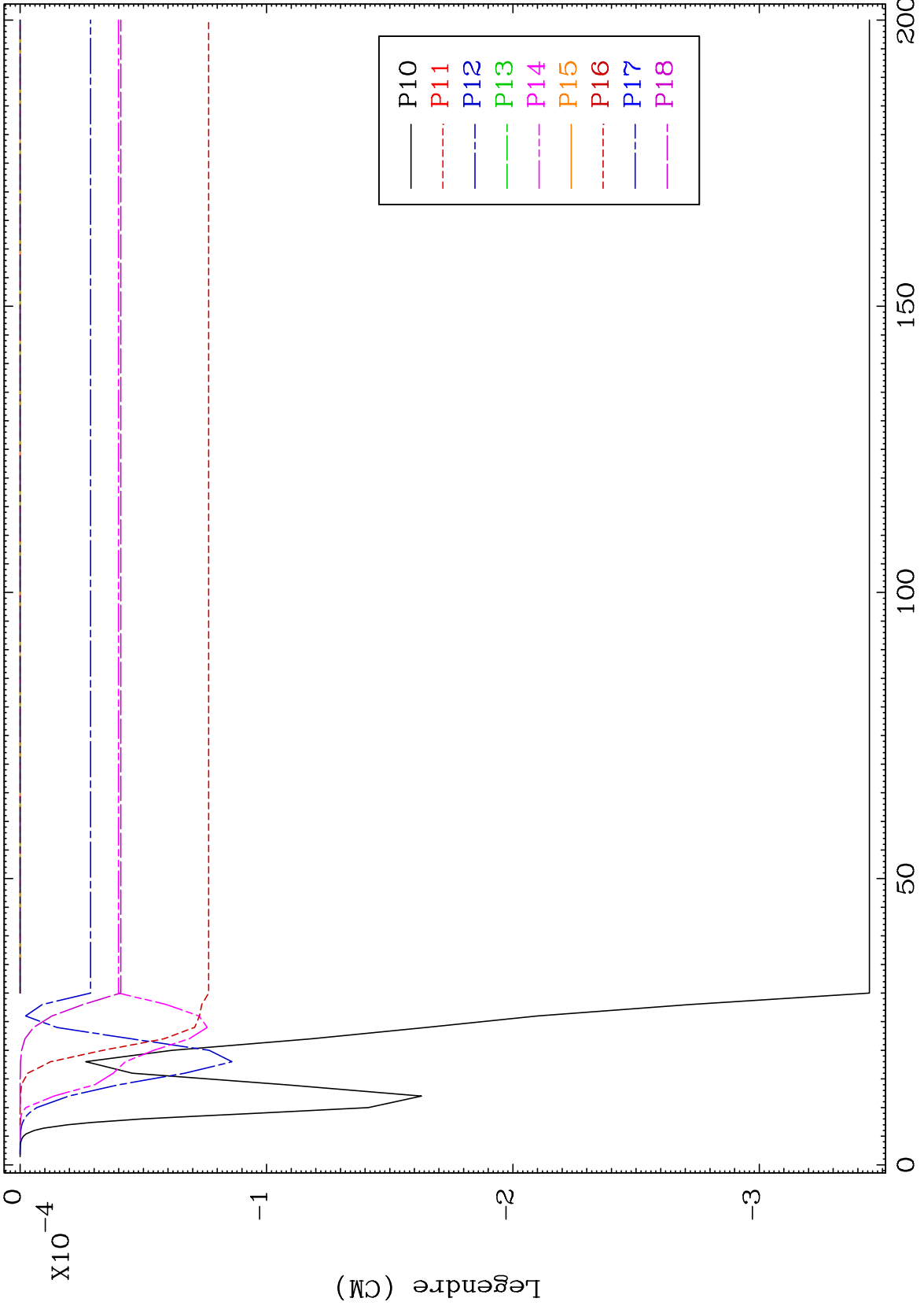


22 51-Sb-121



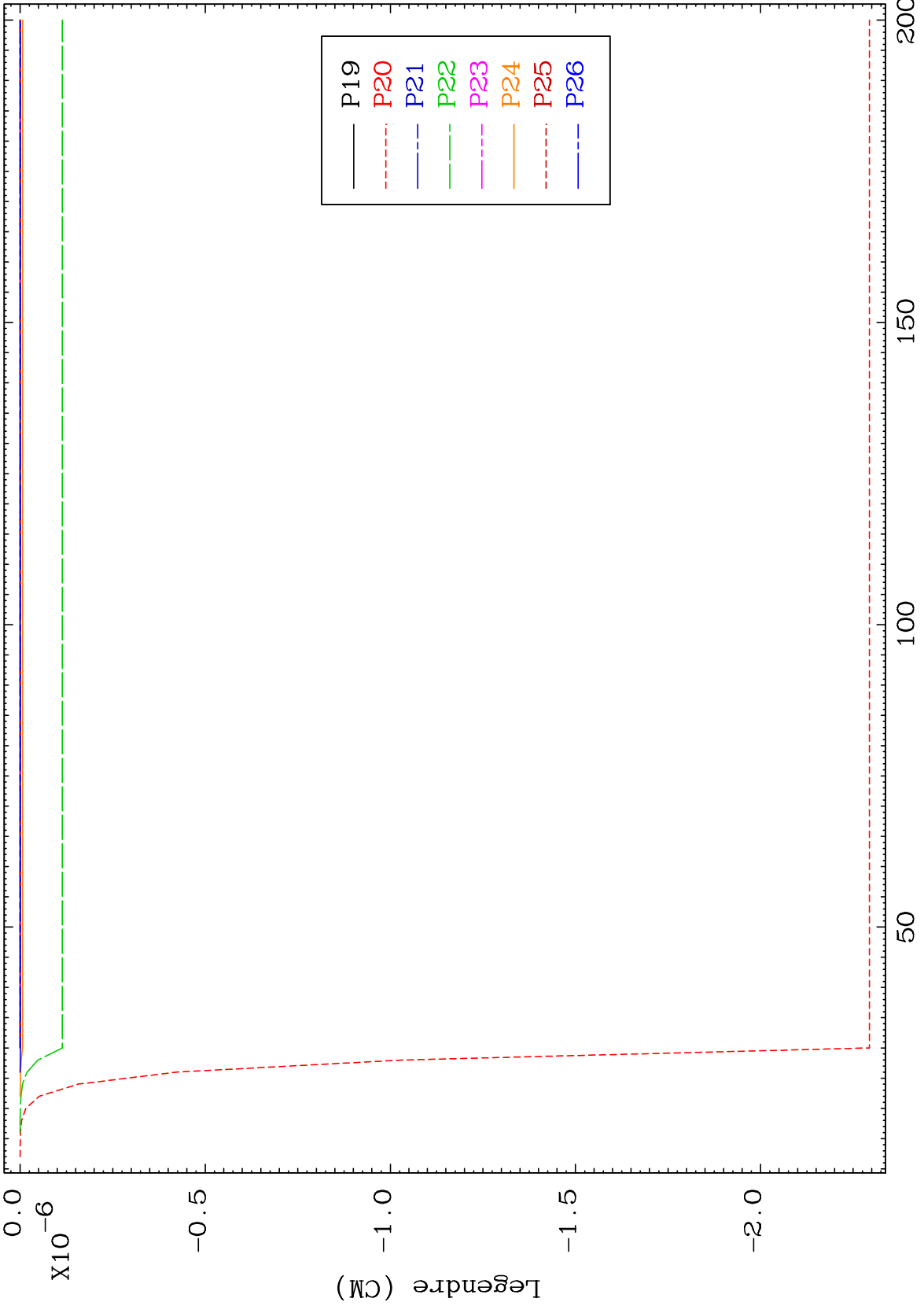


MAT 5125 MT= 52 (n,n') Level Legendre Coefficients 51-Sb-121

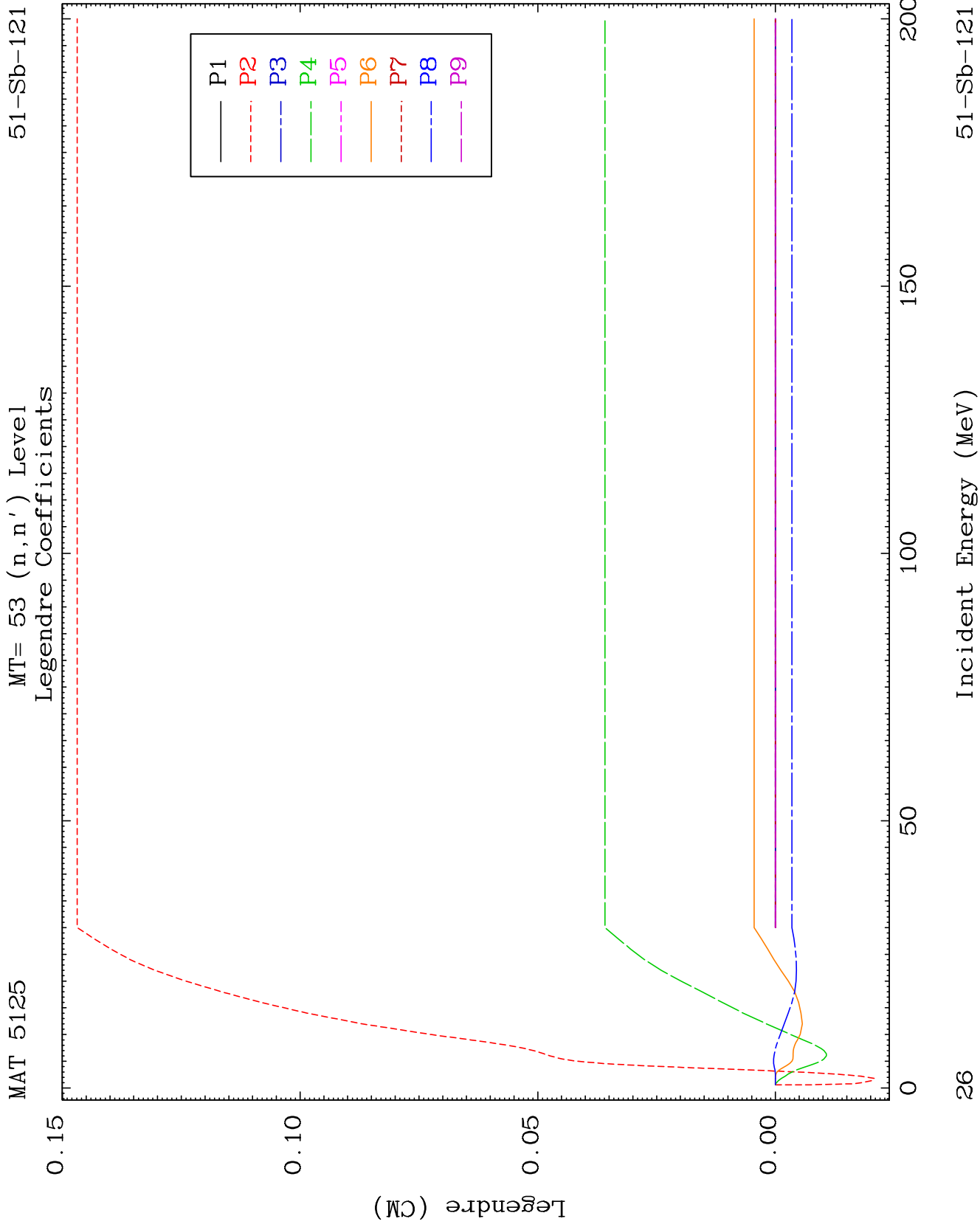


24 51-Sb-121

MAT 5125 MT= 52 (n,n') Level Legendre Coefficients 51-Sb-121



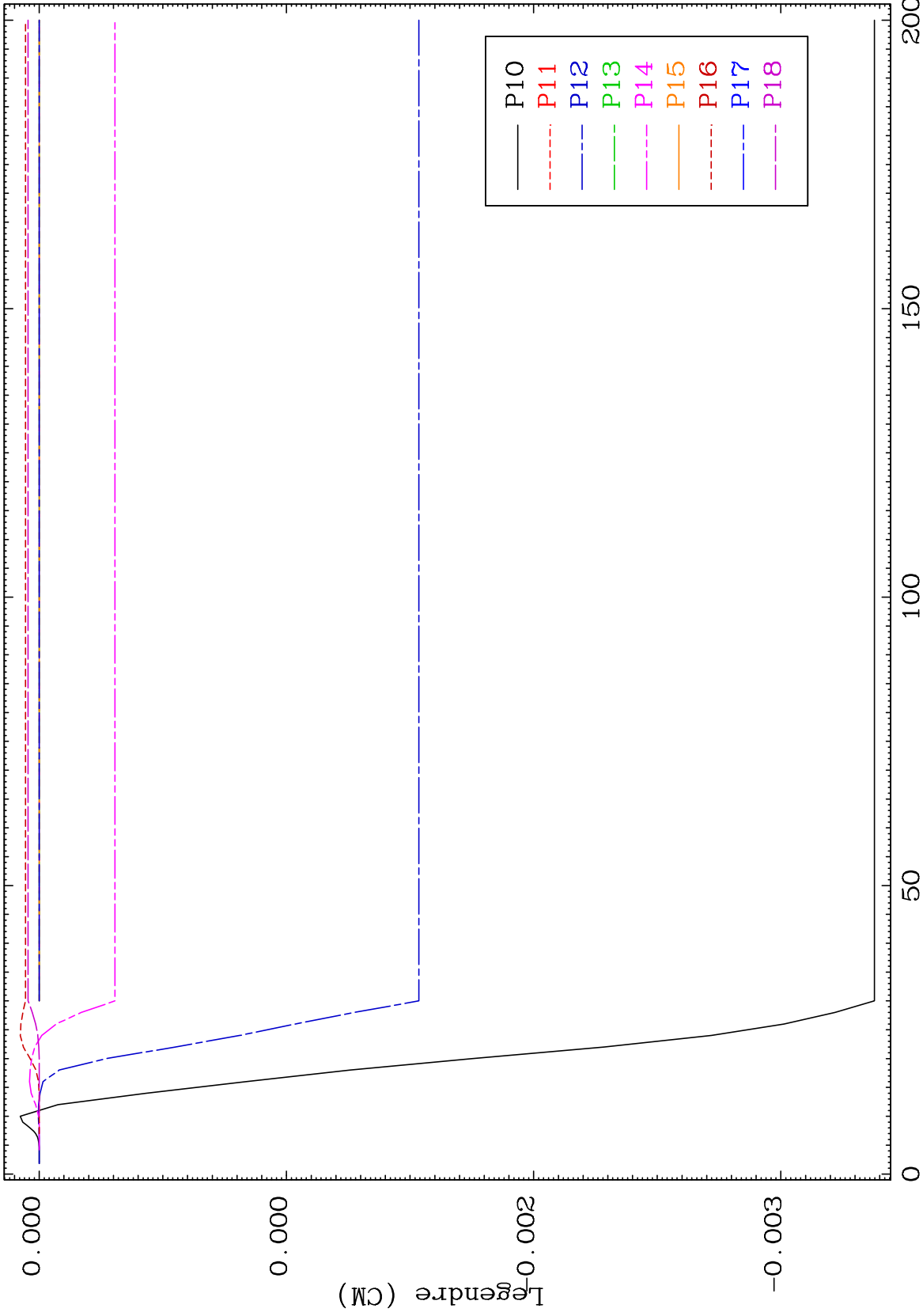
25 Incident Energy (MeV) 51-Sb-121



MAT 5125

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

51-Sb-121



27

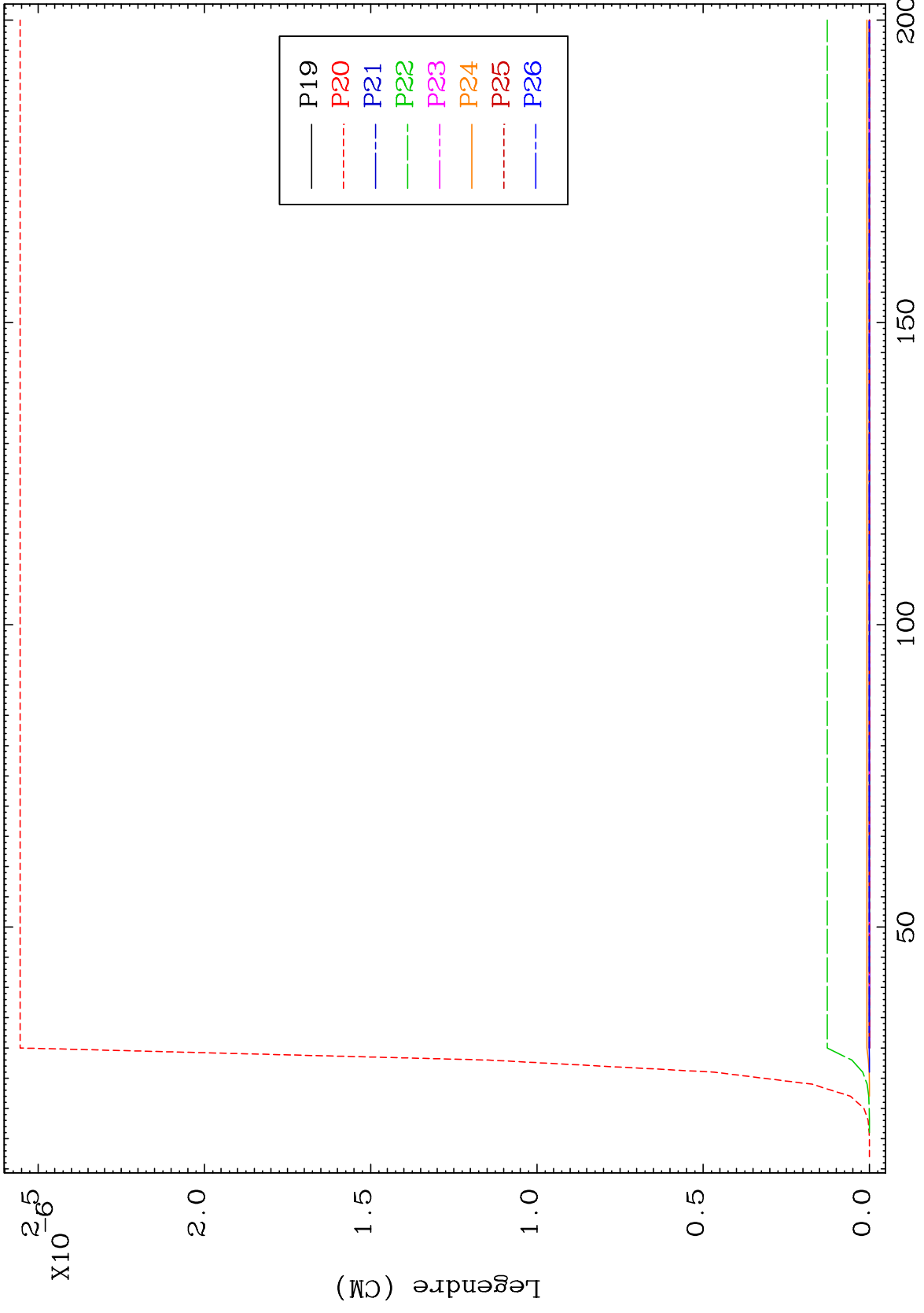
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



28

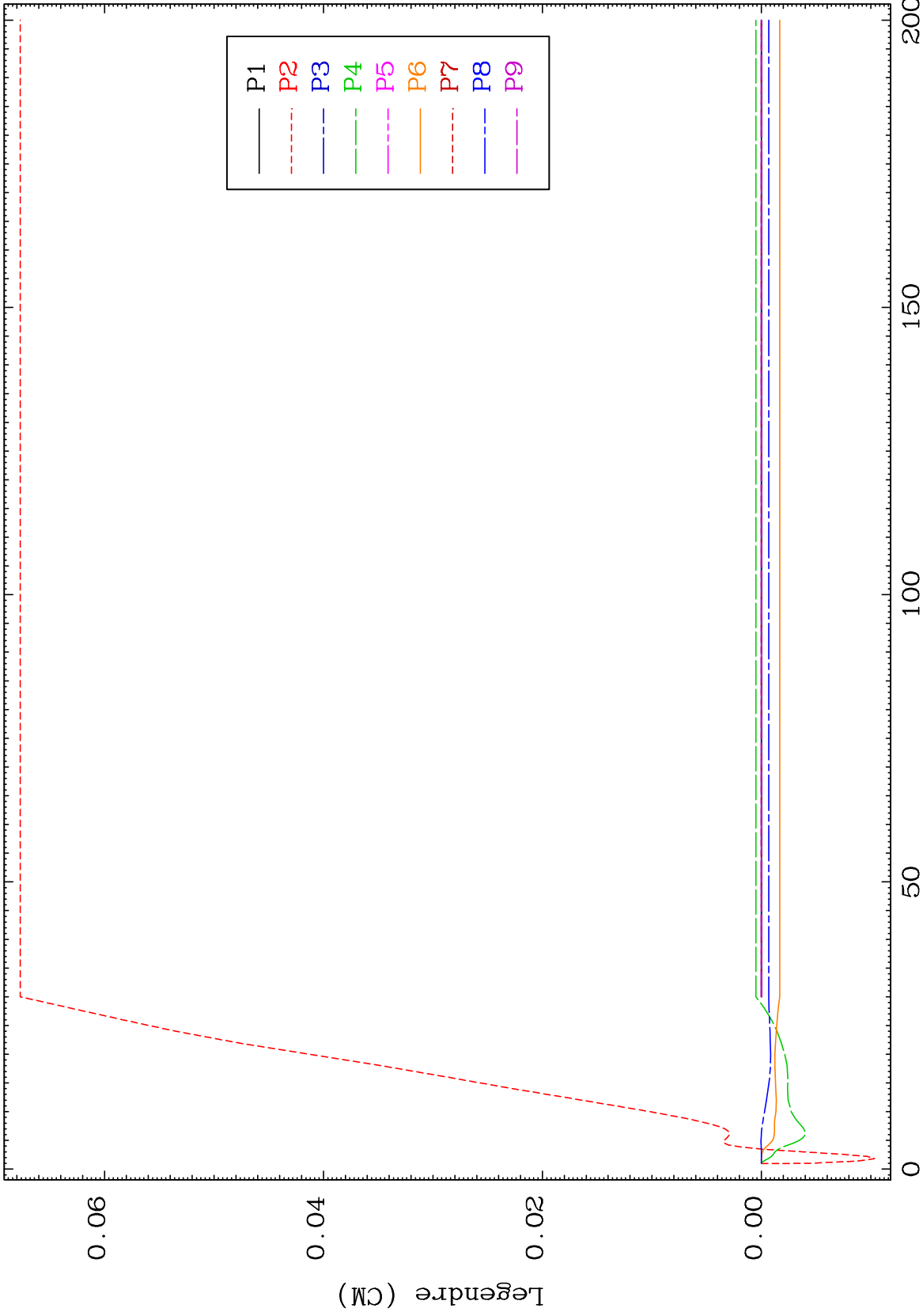
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



29

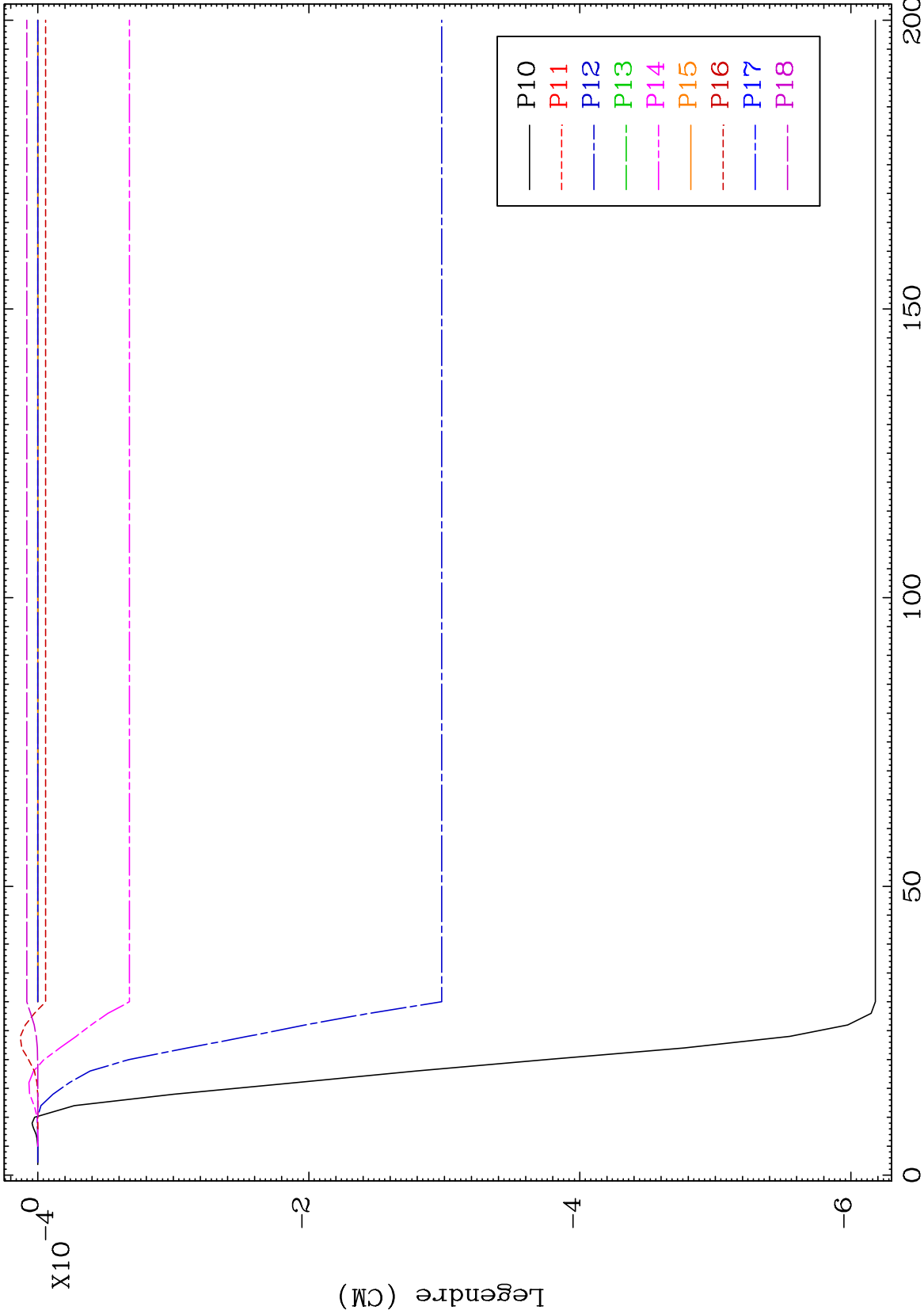
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121

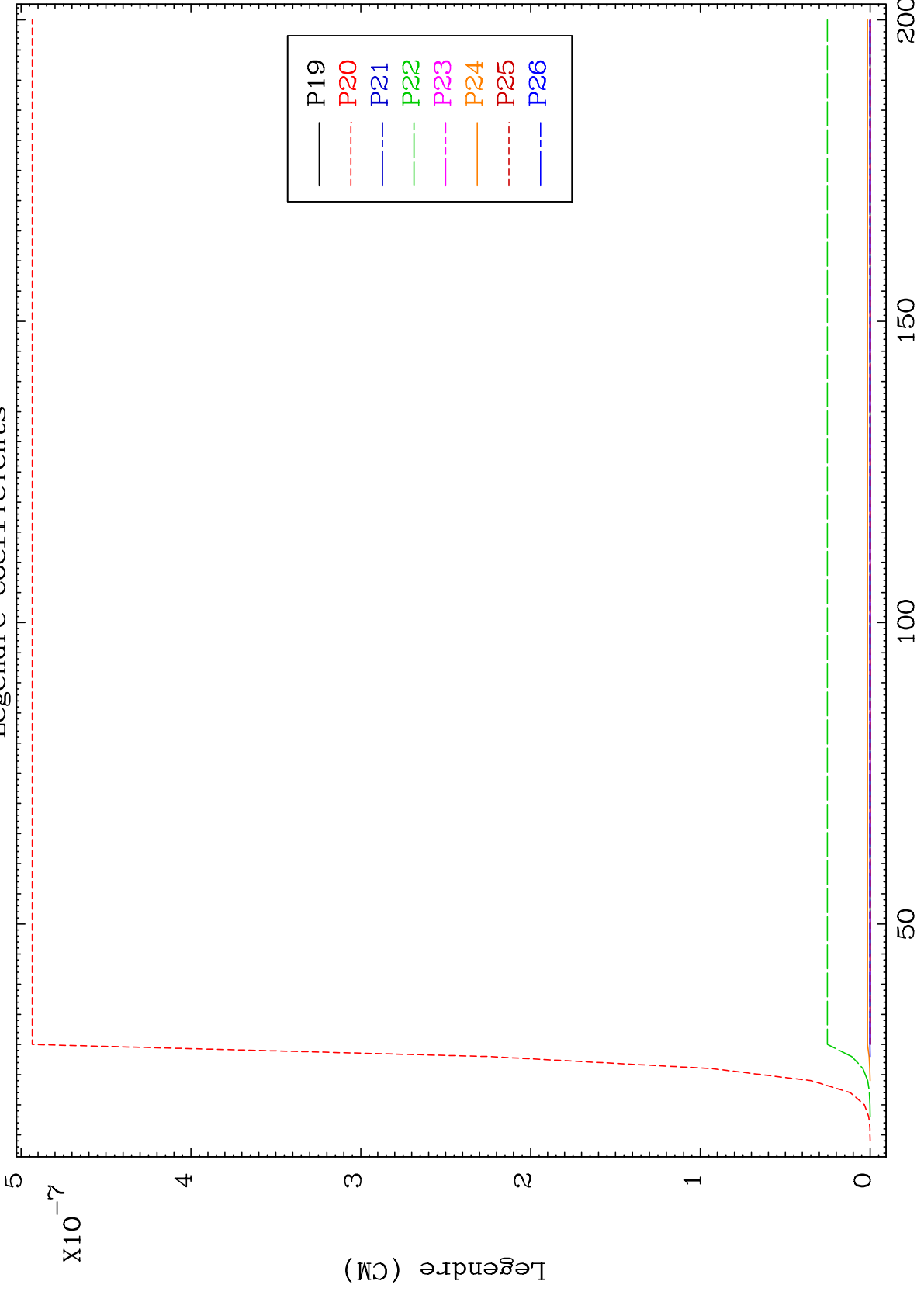


30

Incident Energy (MeV)

51-Sb-121

MAT 5125 MT= 54 (n,n') Level Legendre Coefficients 51-Sb-121

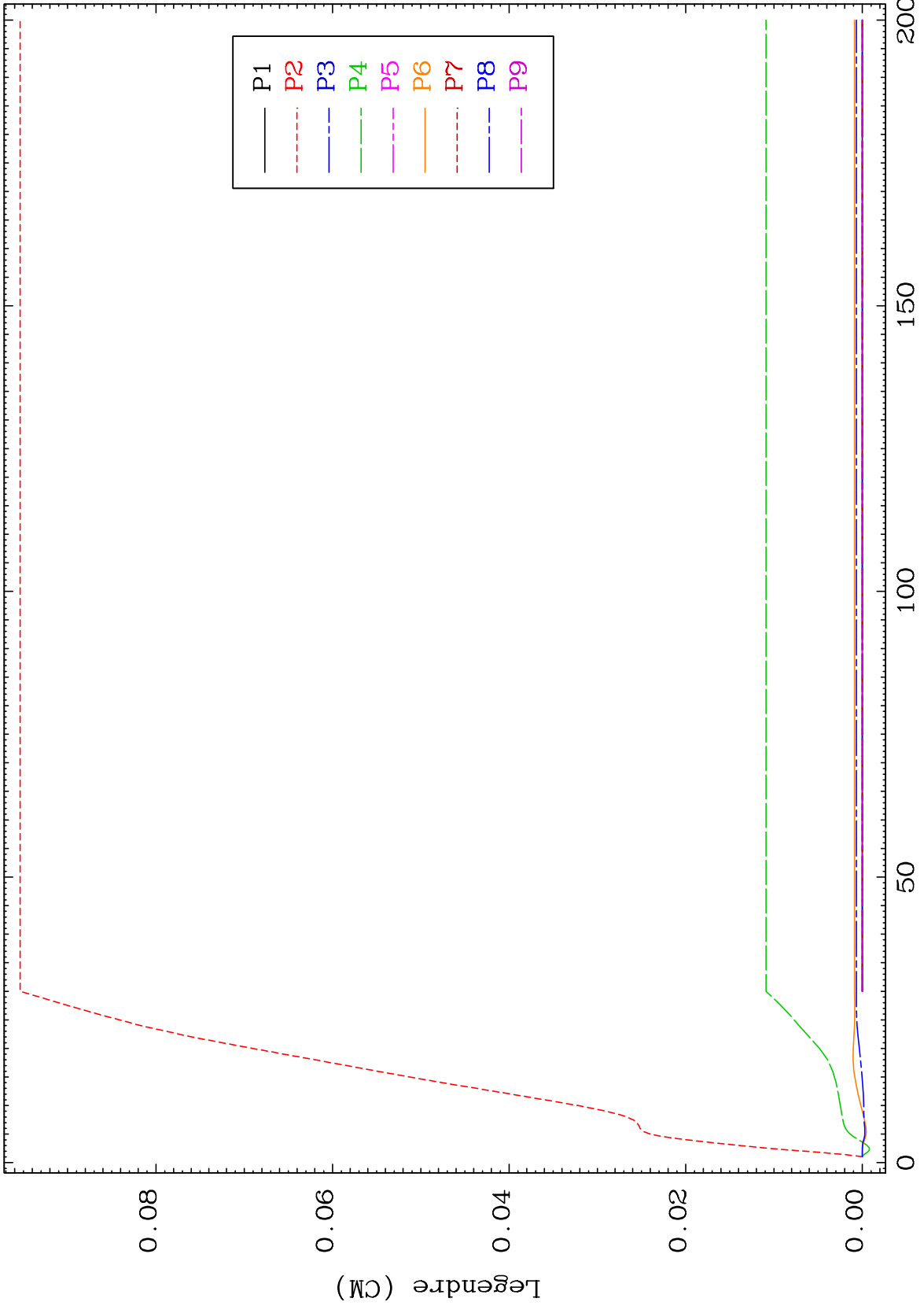




MAT 5125

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

51-Sb-121



32

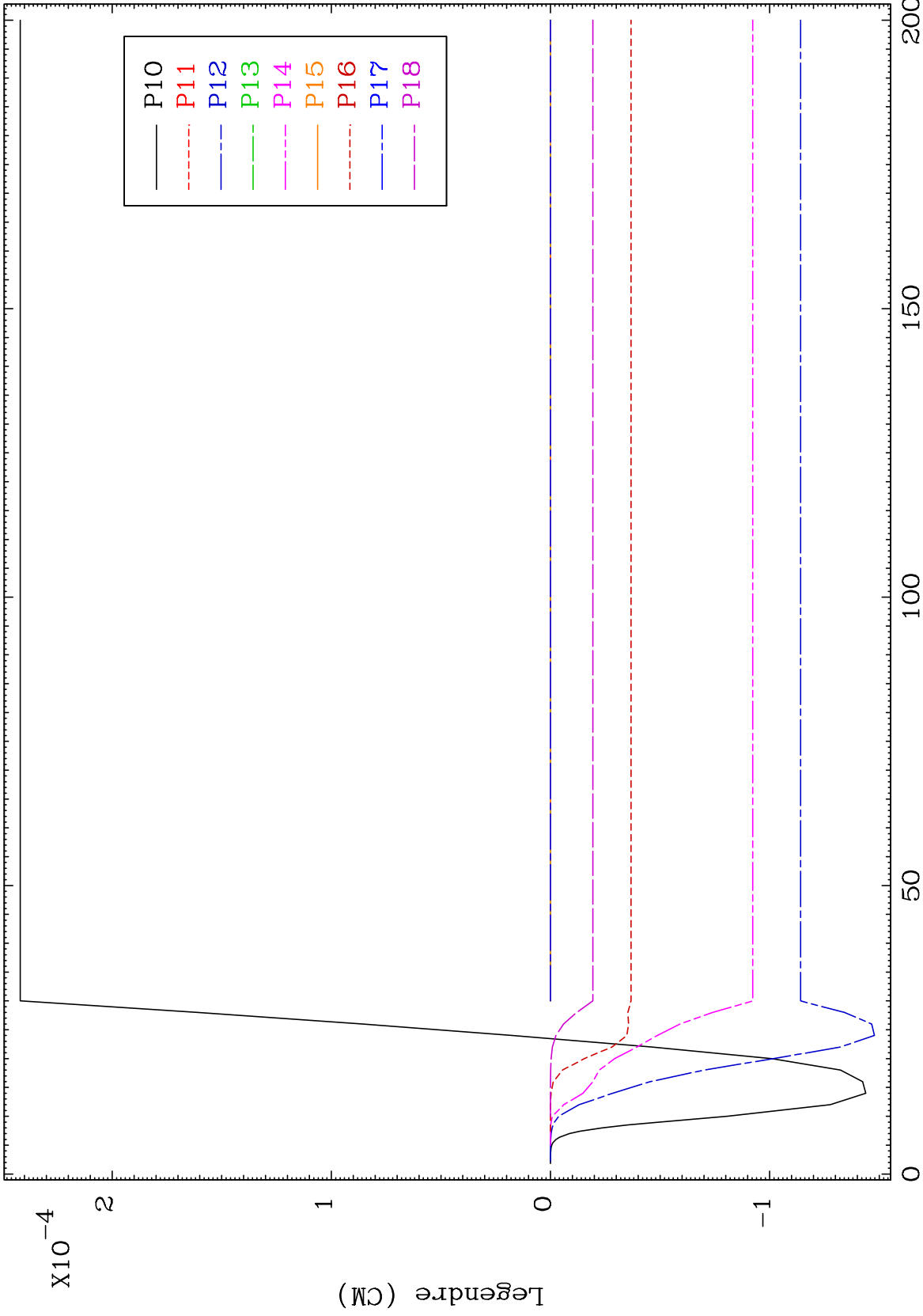
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



33

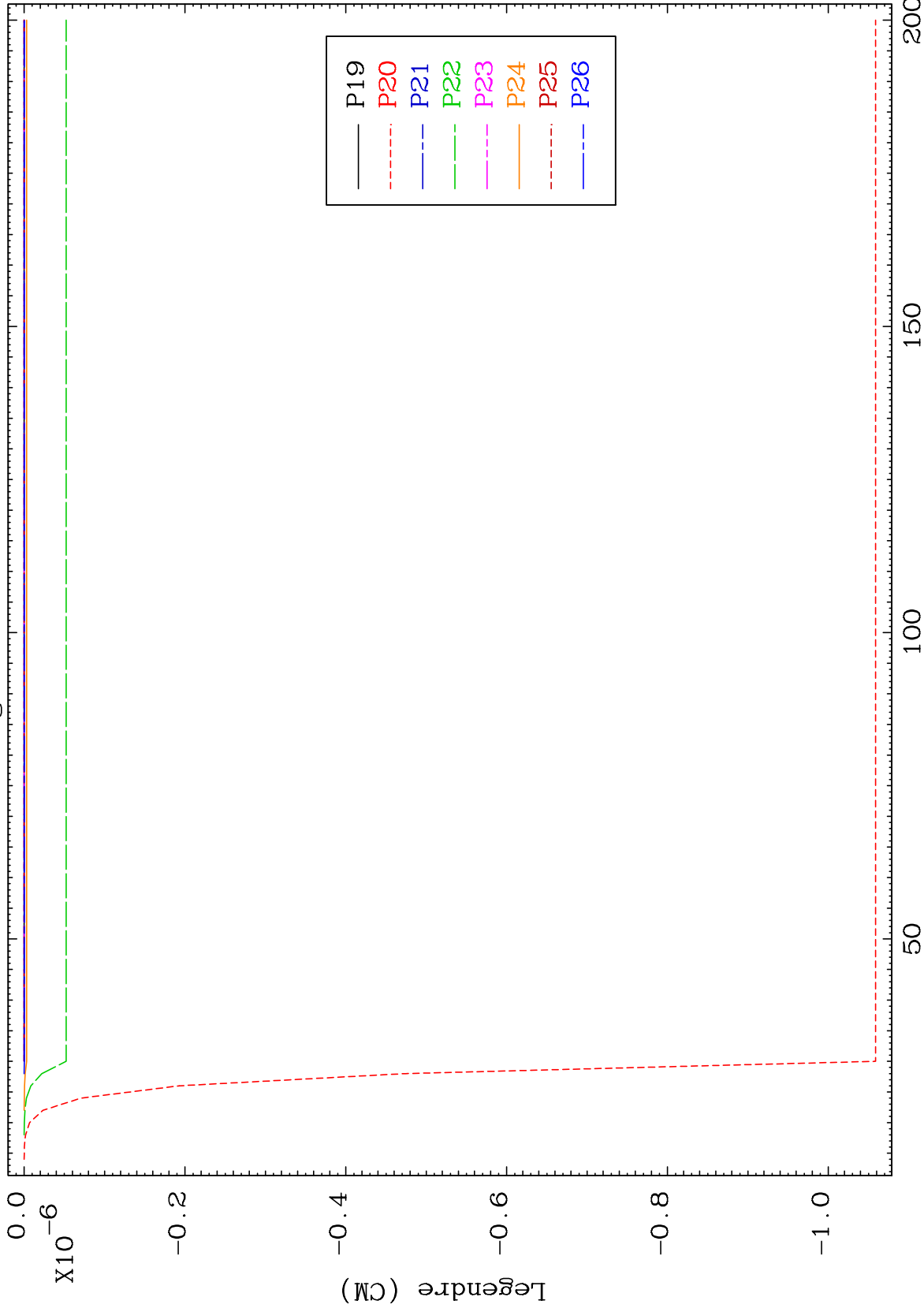
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



34

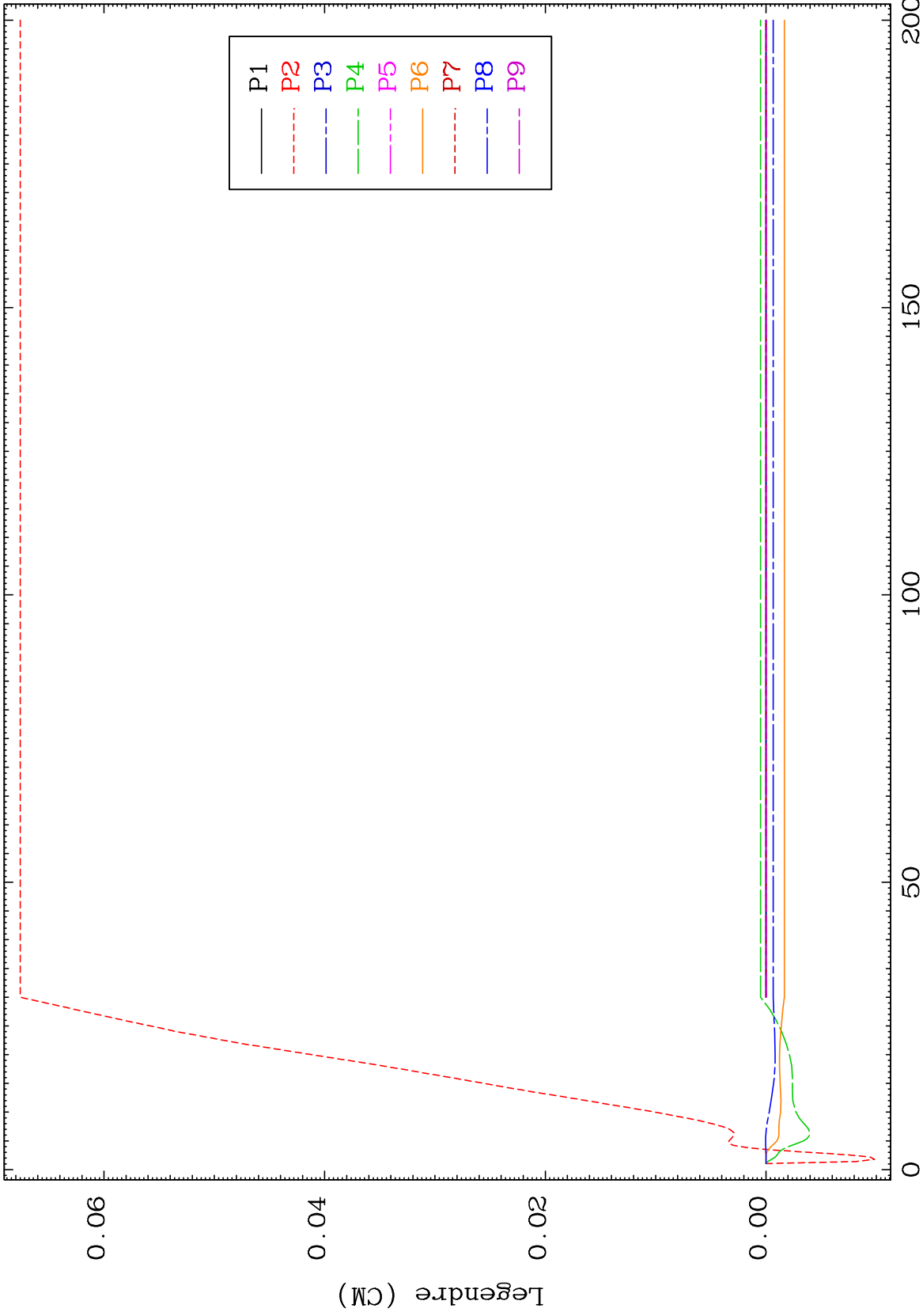
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



51-Sb-121

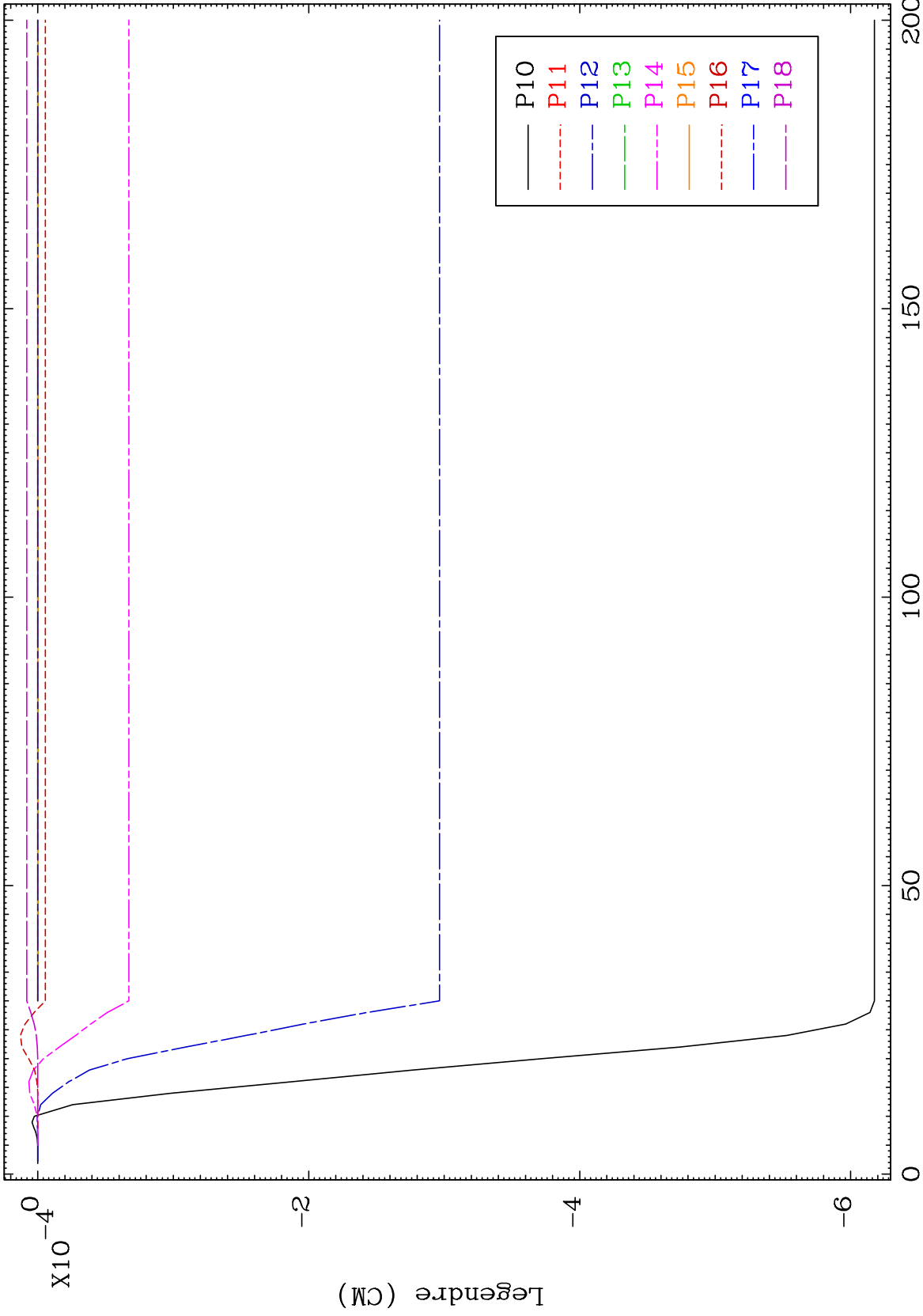
Incident Energy (MeV)

35

MAT 5125

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

51-Sb-121



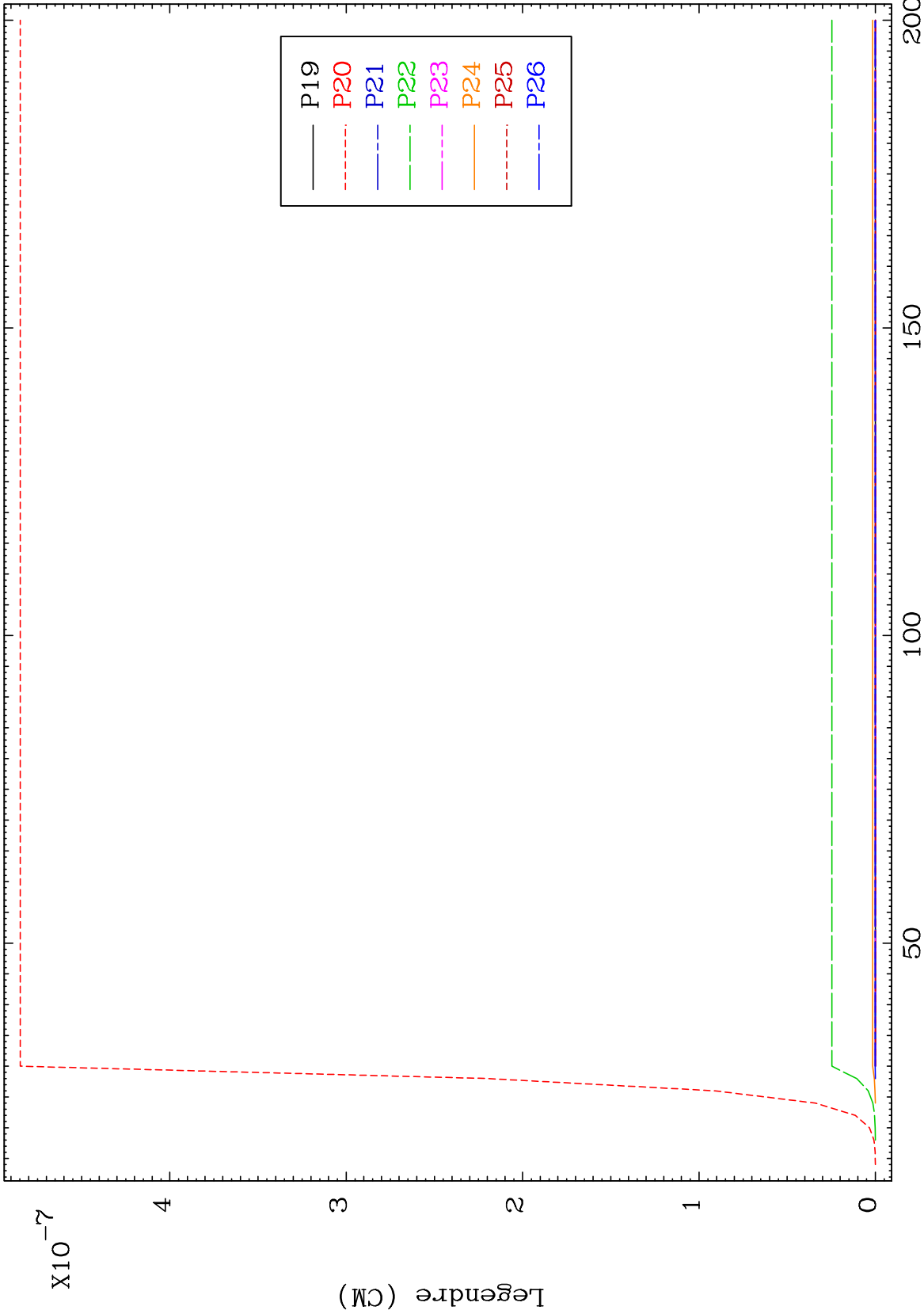
36

51-Sb-121

MAT 5125

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

51-Sb-121



37

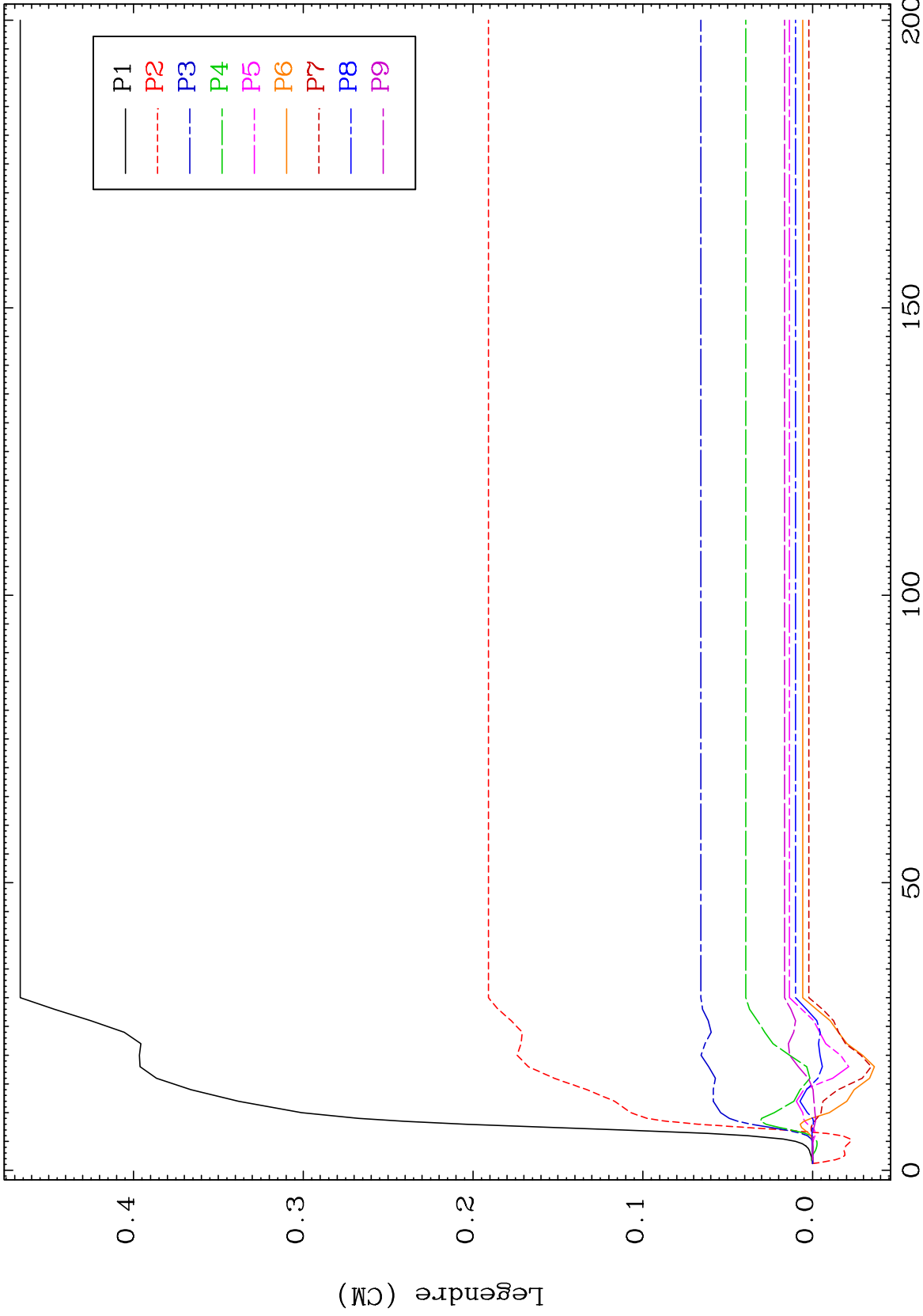
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



38

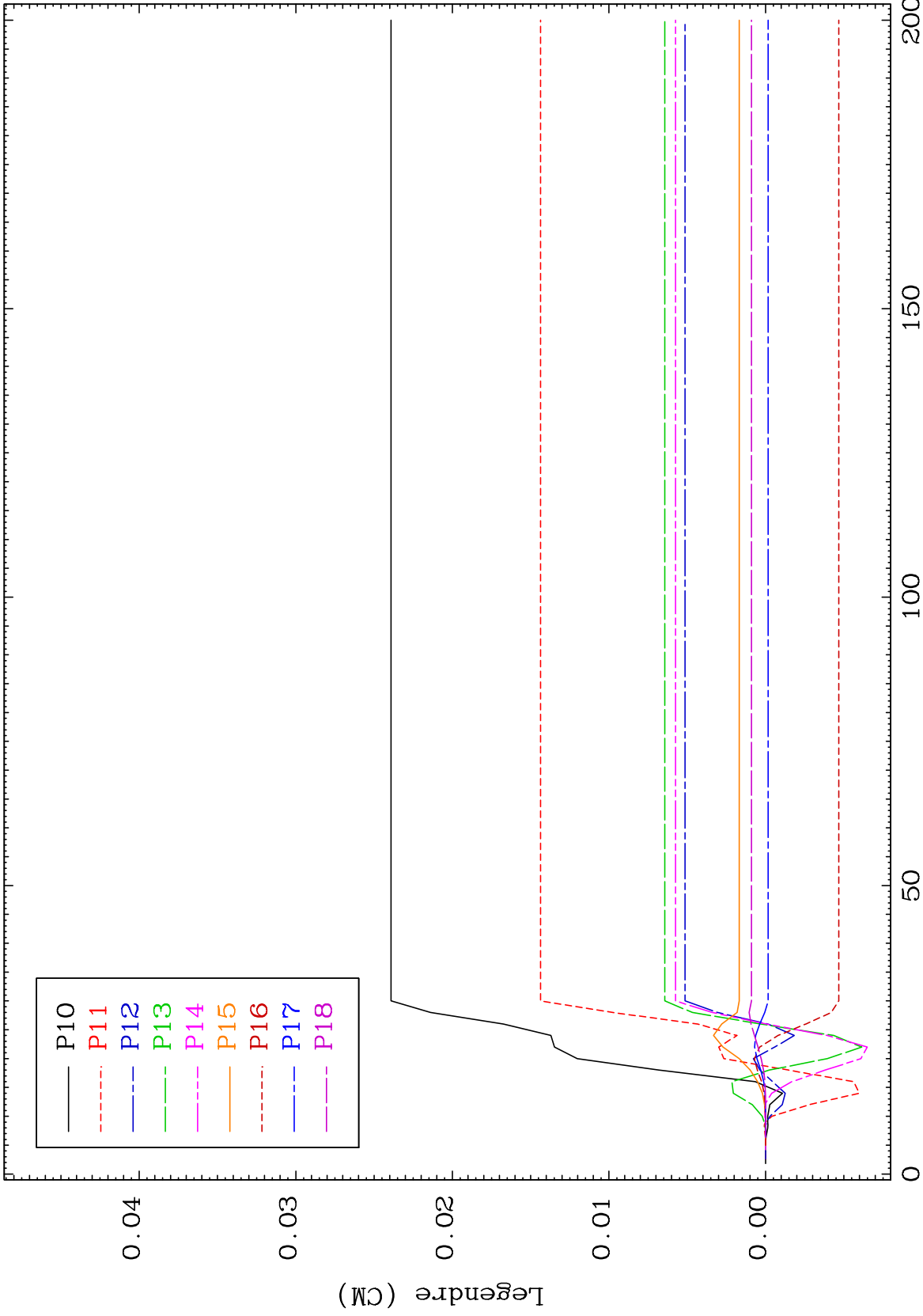
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



39

Incident Energy (MeV)

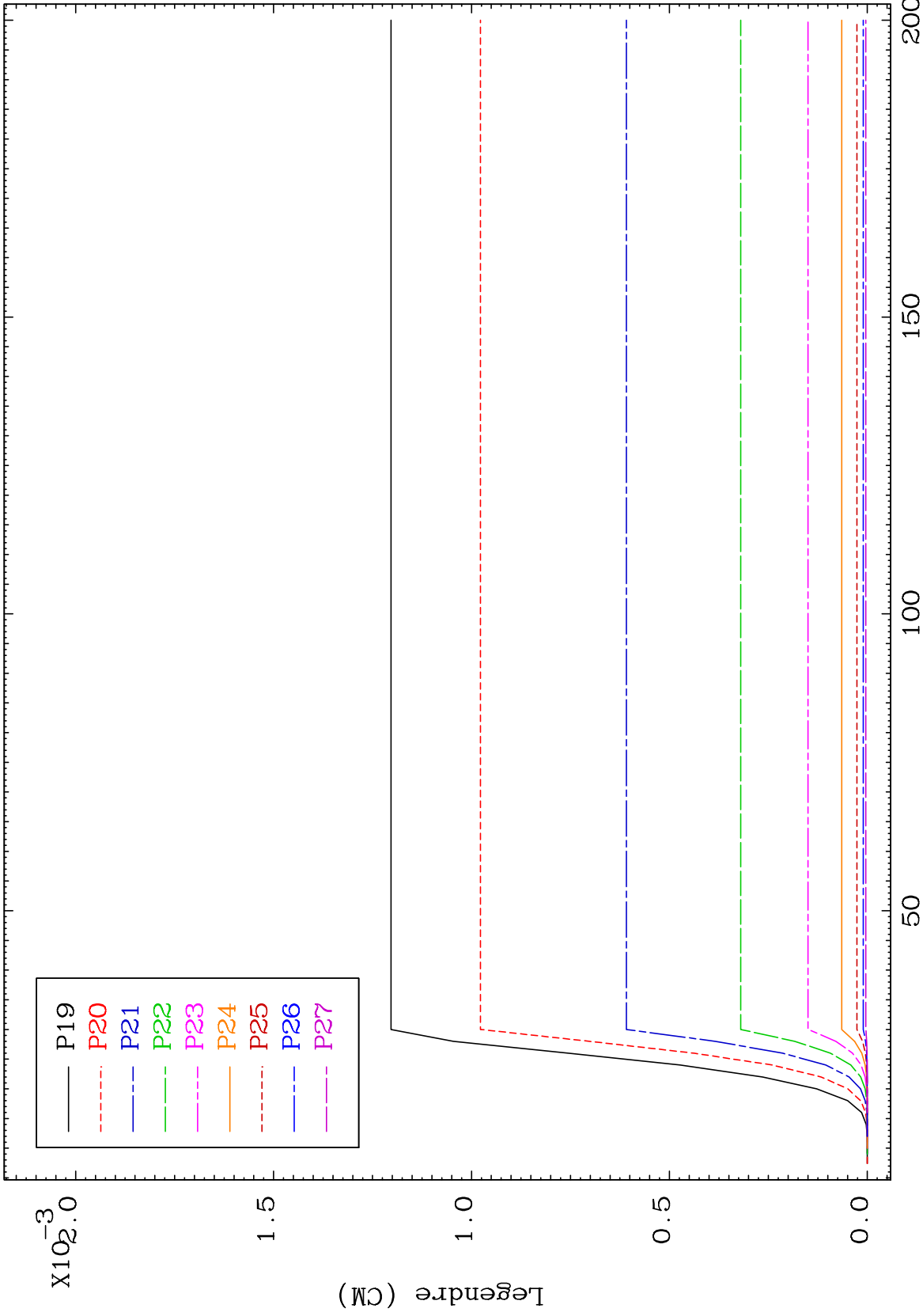
51-Sb-121



MAT 5125

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

51-Sb-121



40

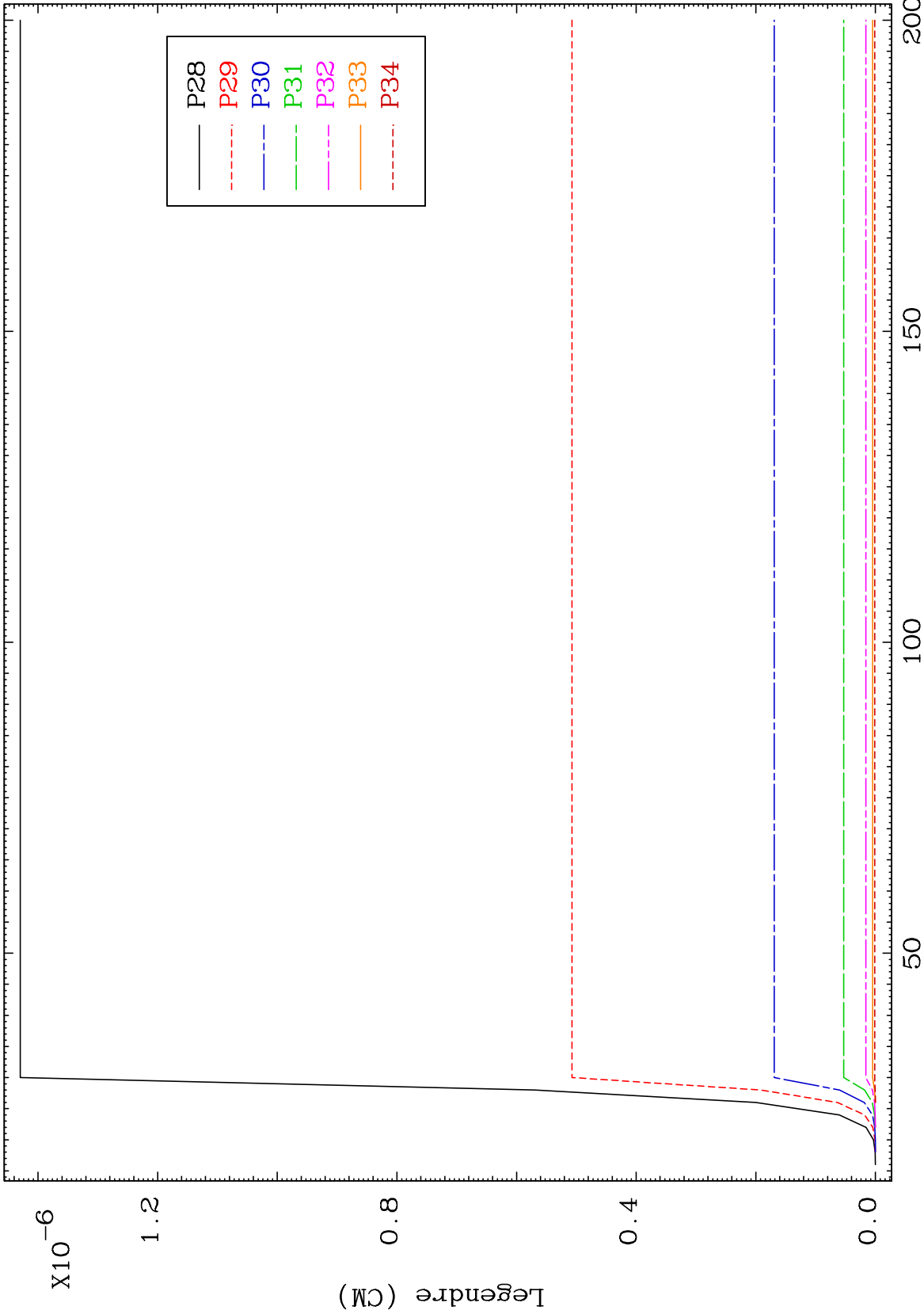
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



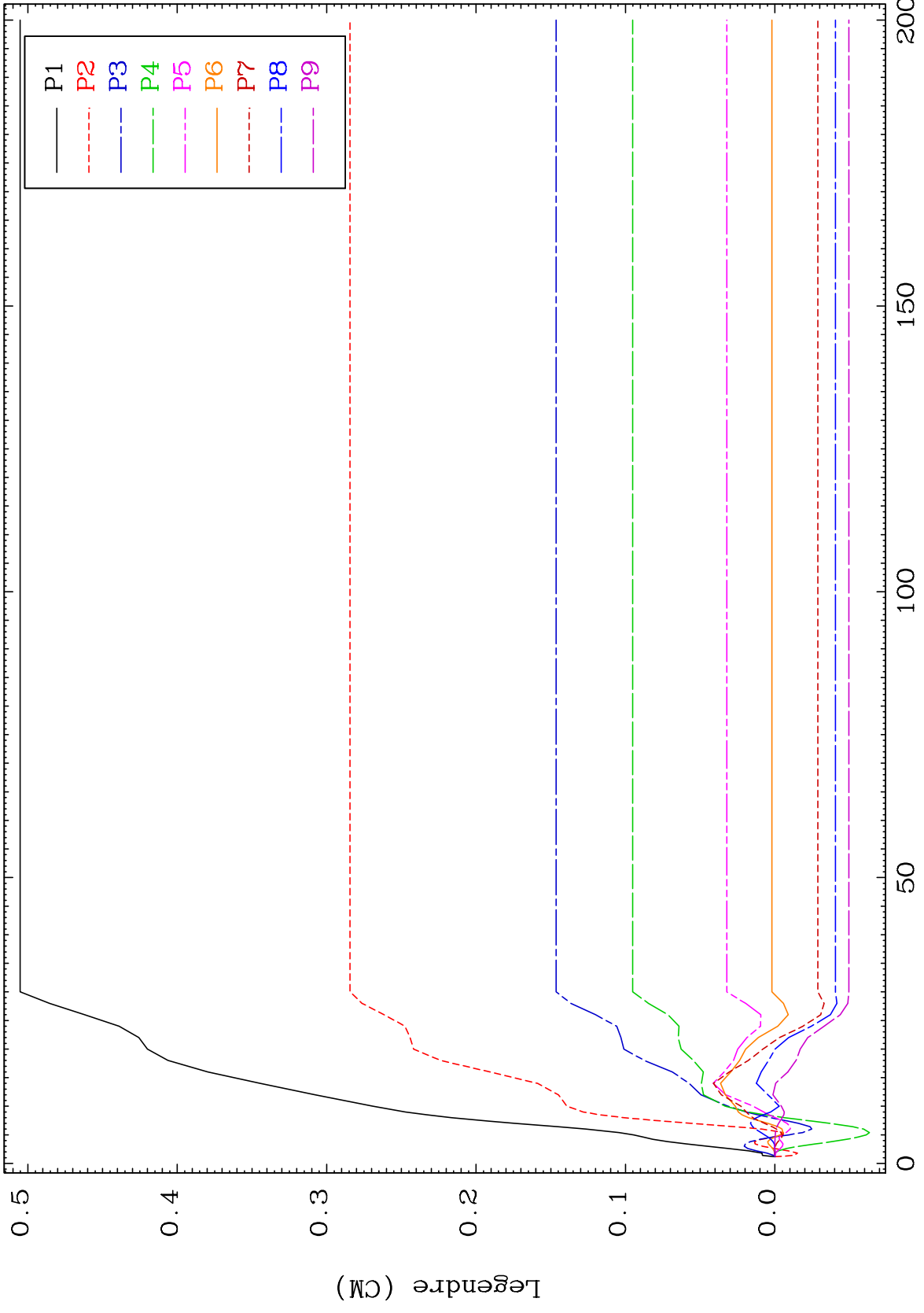
41

51-Sb-121

MAT 5125

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

51-Sb-121



42

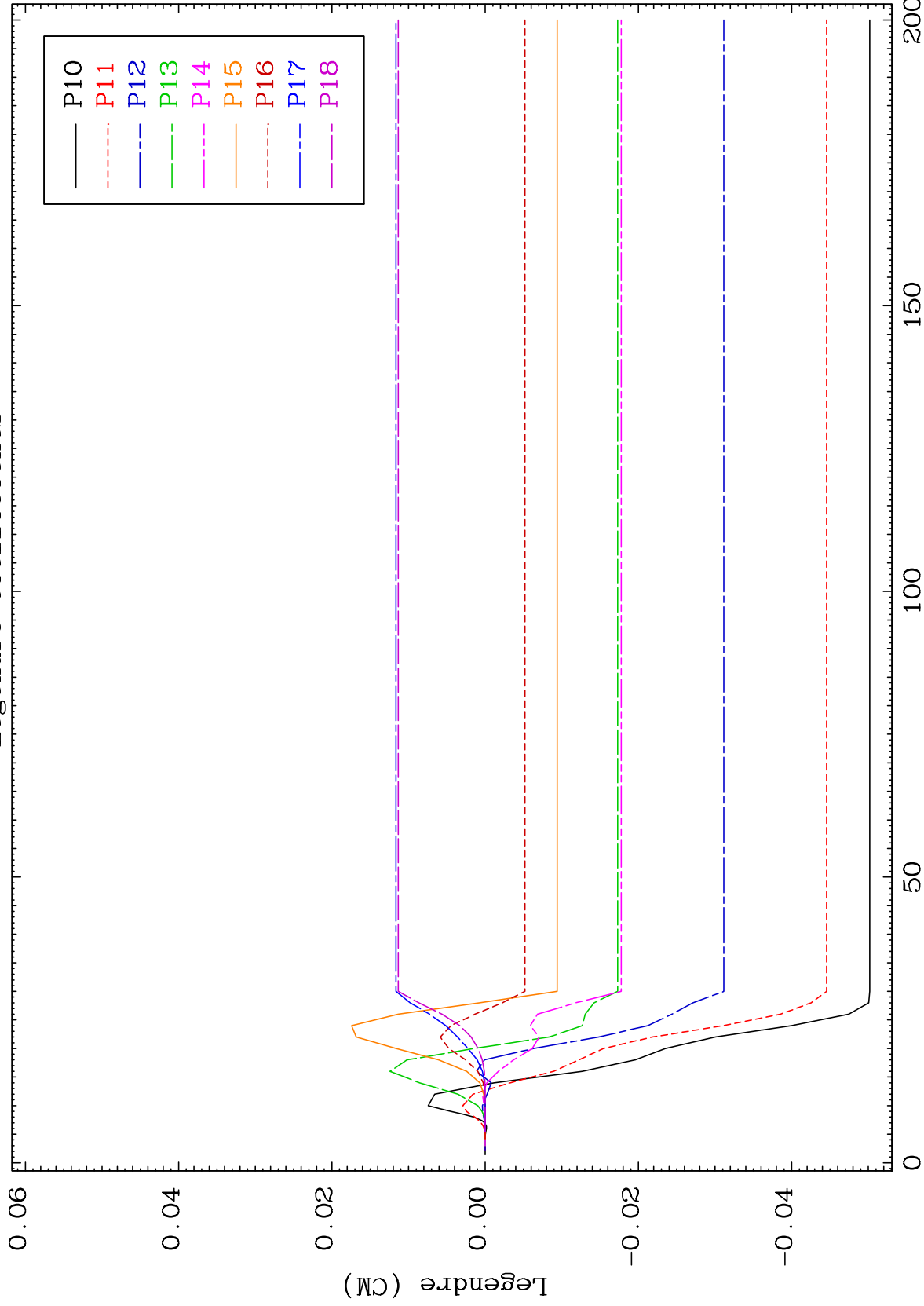
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



43

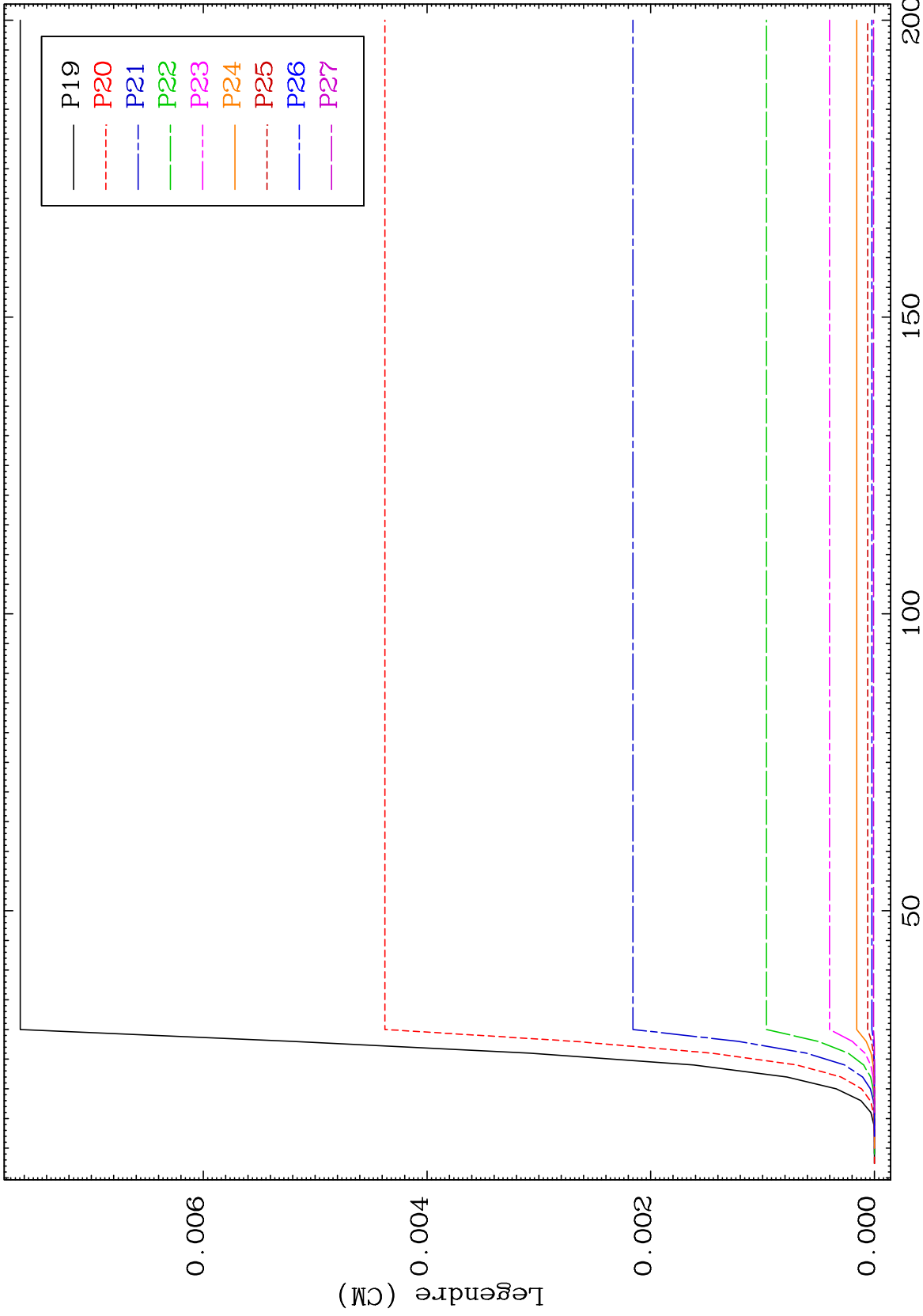
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



44

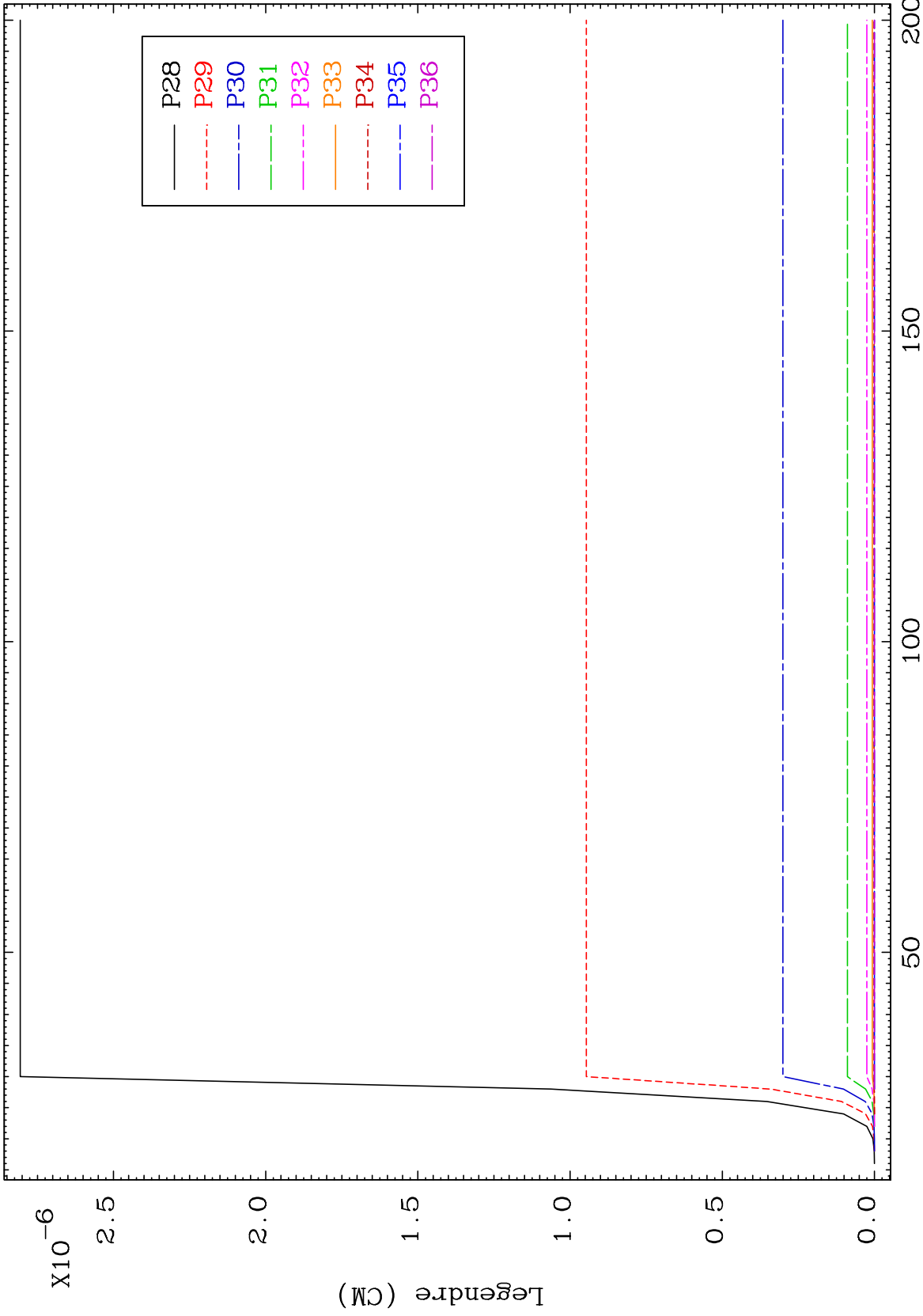
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



45

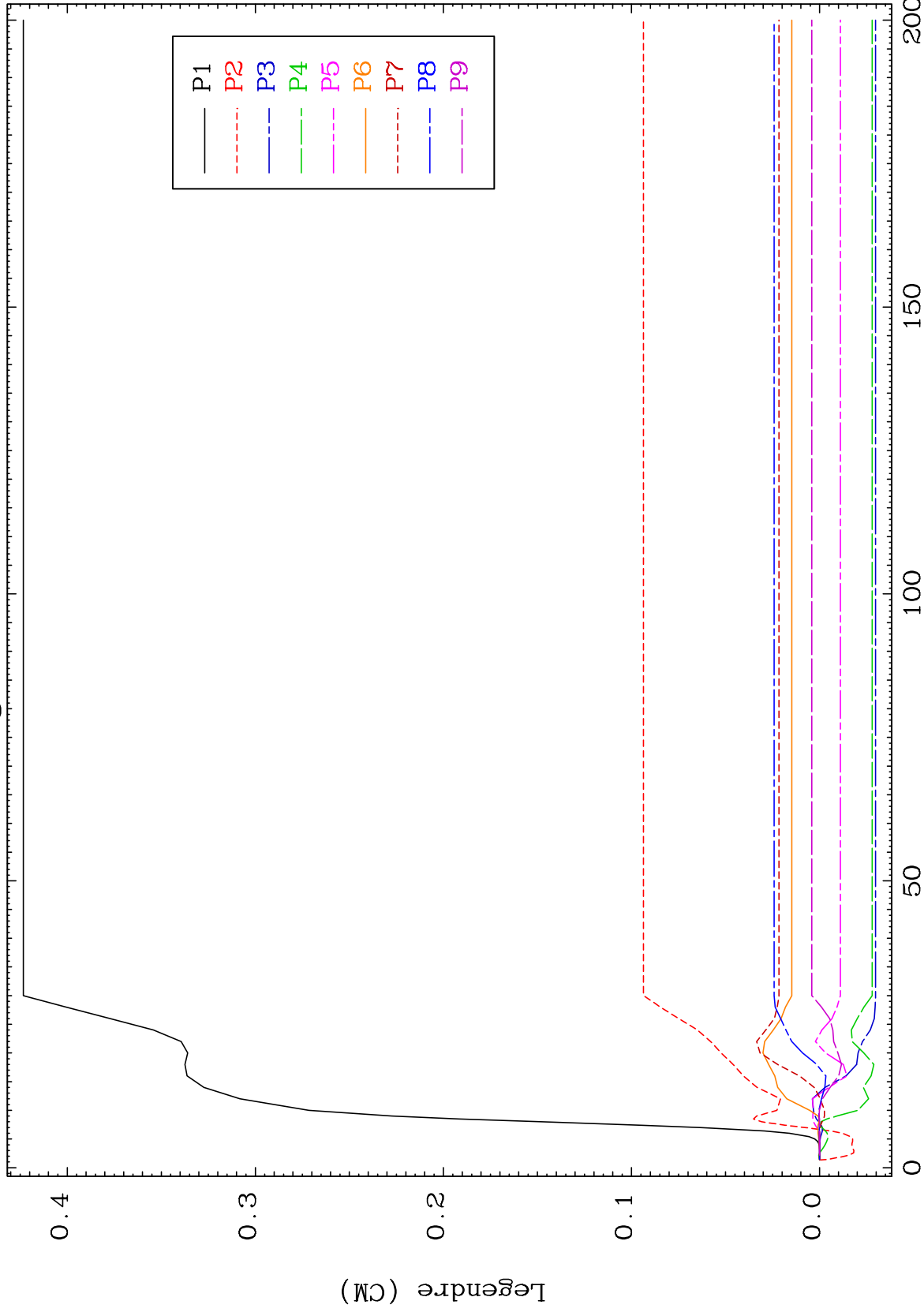
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



46

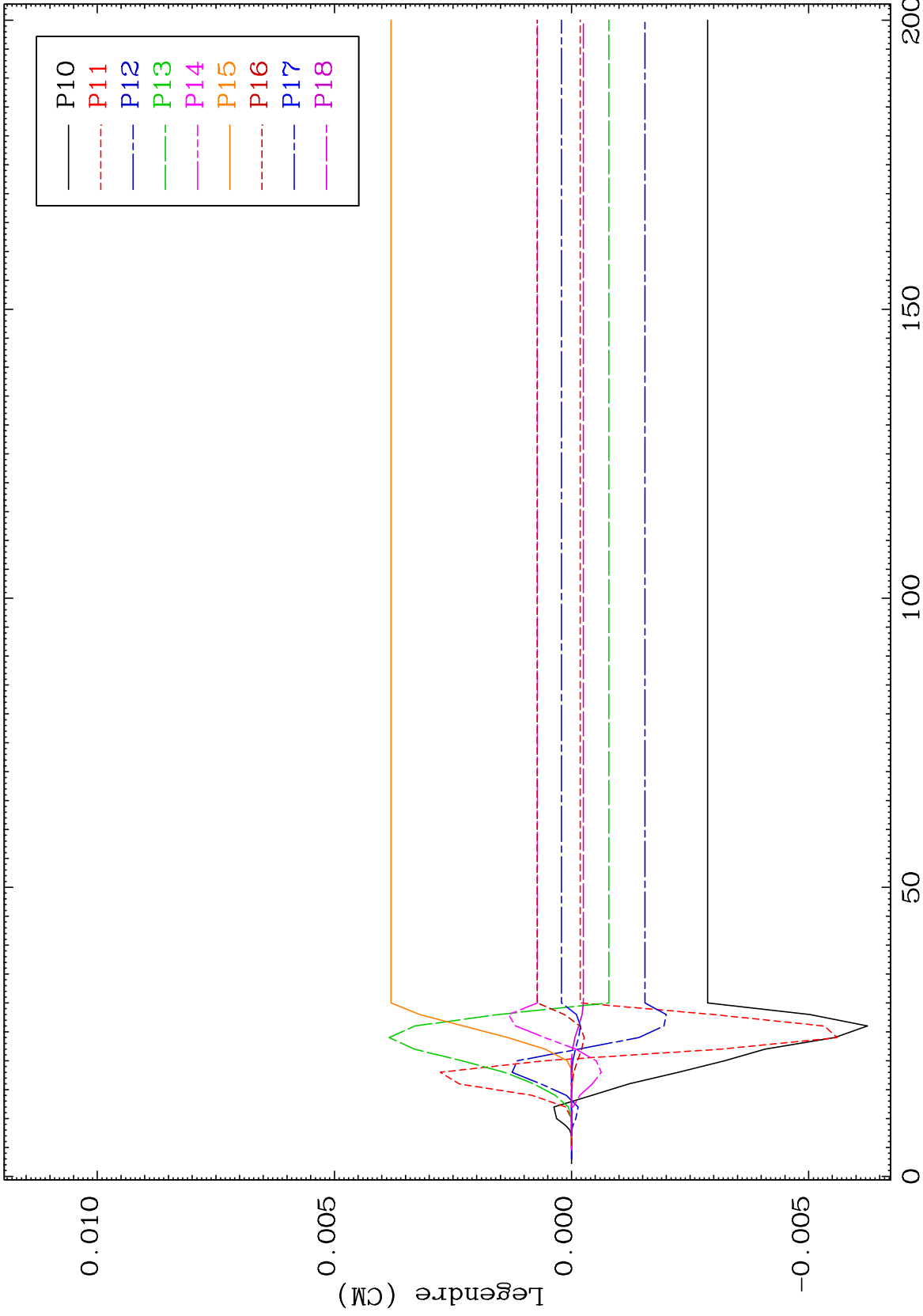
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



47

Incident Energy (MeV)

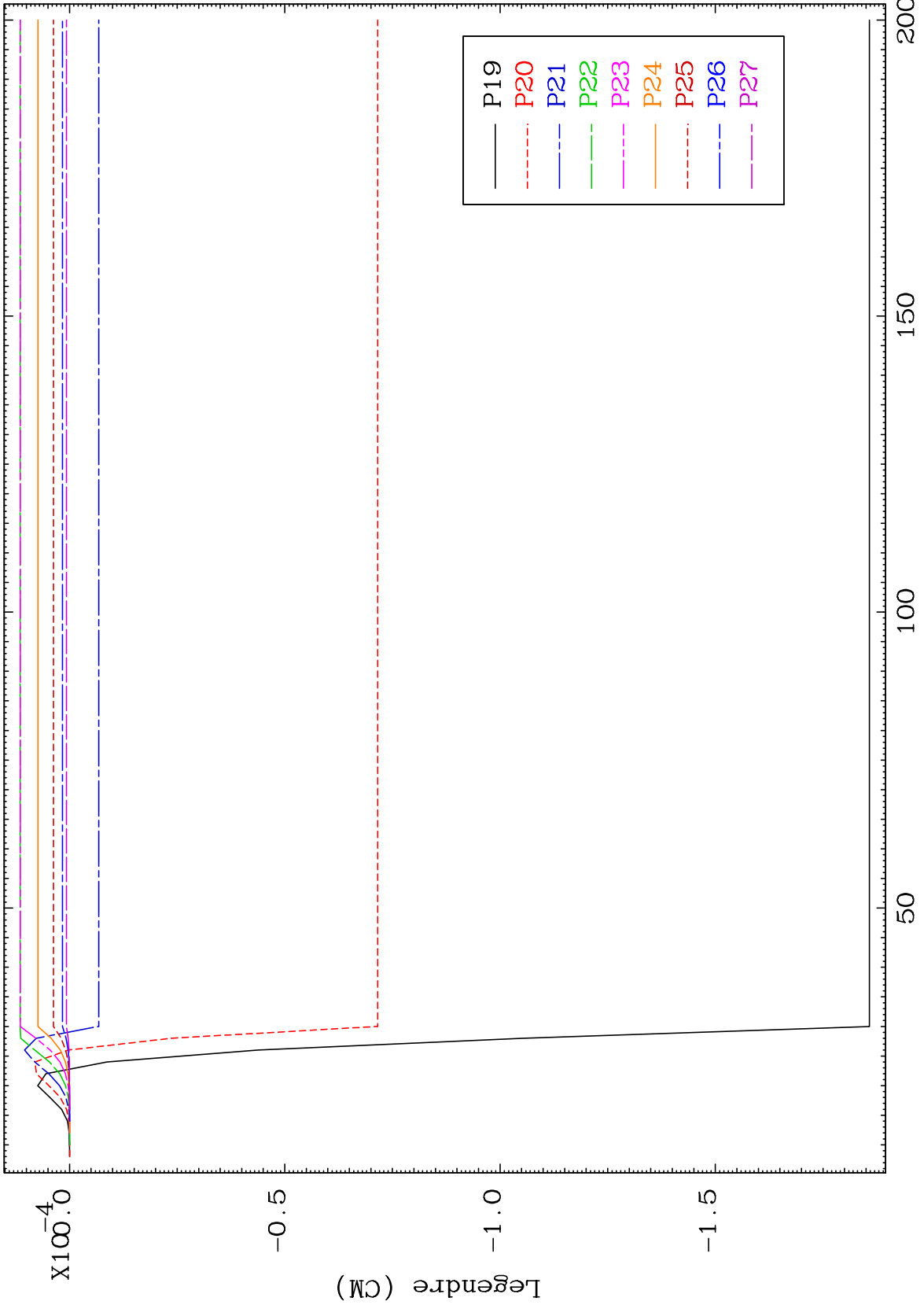
51-Sb-121



MAT 5125

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

51-Sb-121



48

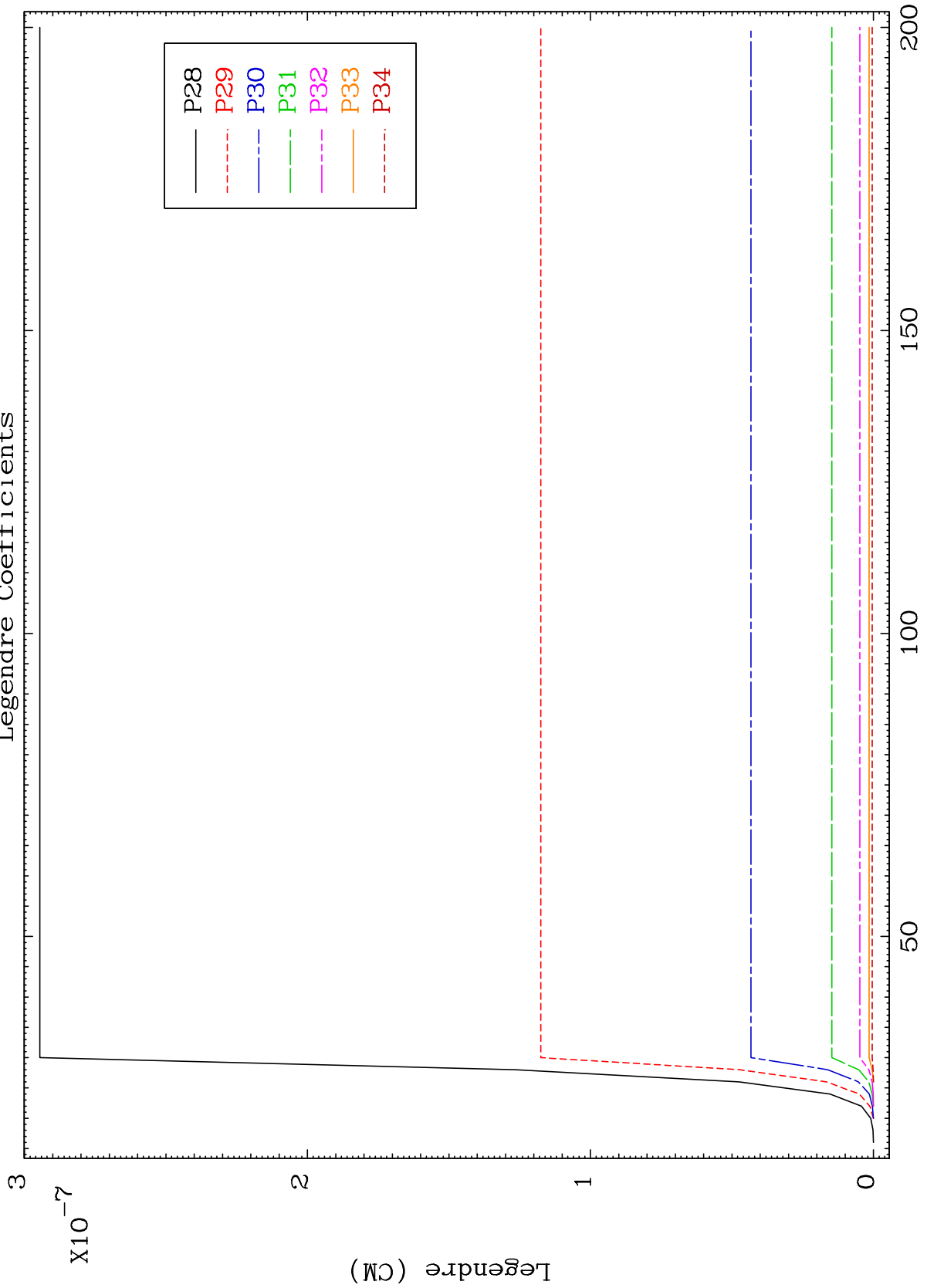
Incident Energy (MeV)

51-Sb-121

MAT 5125

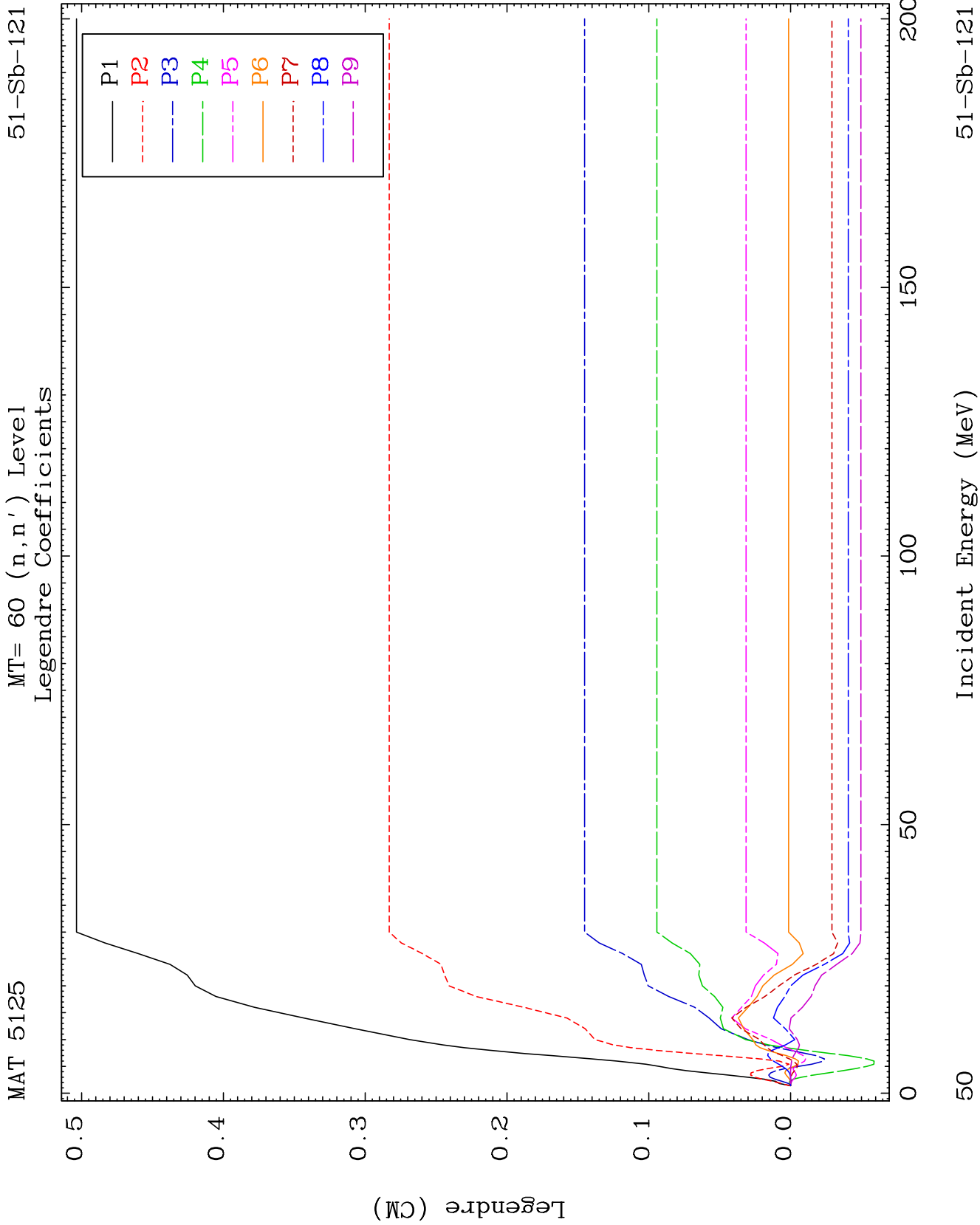
MT= 59 (n,n') Level  
Legendre Coefficients

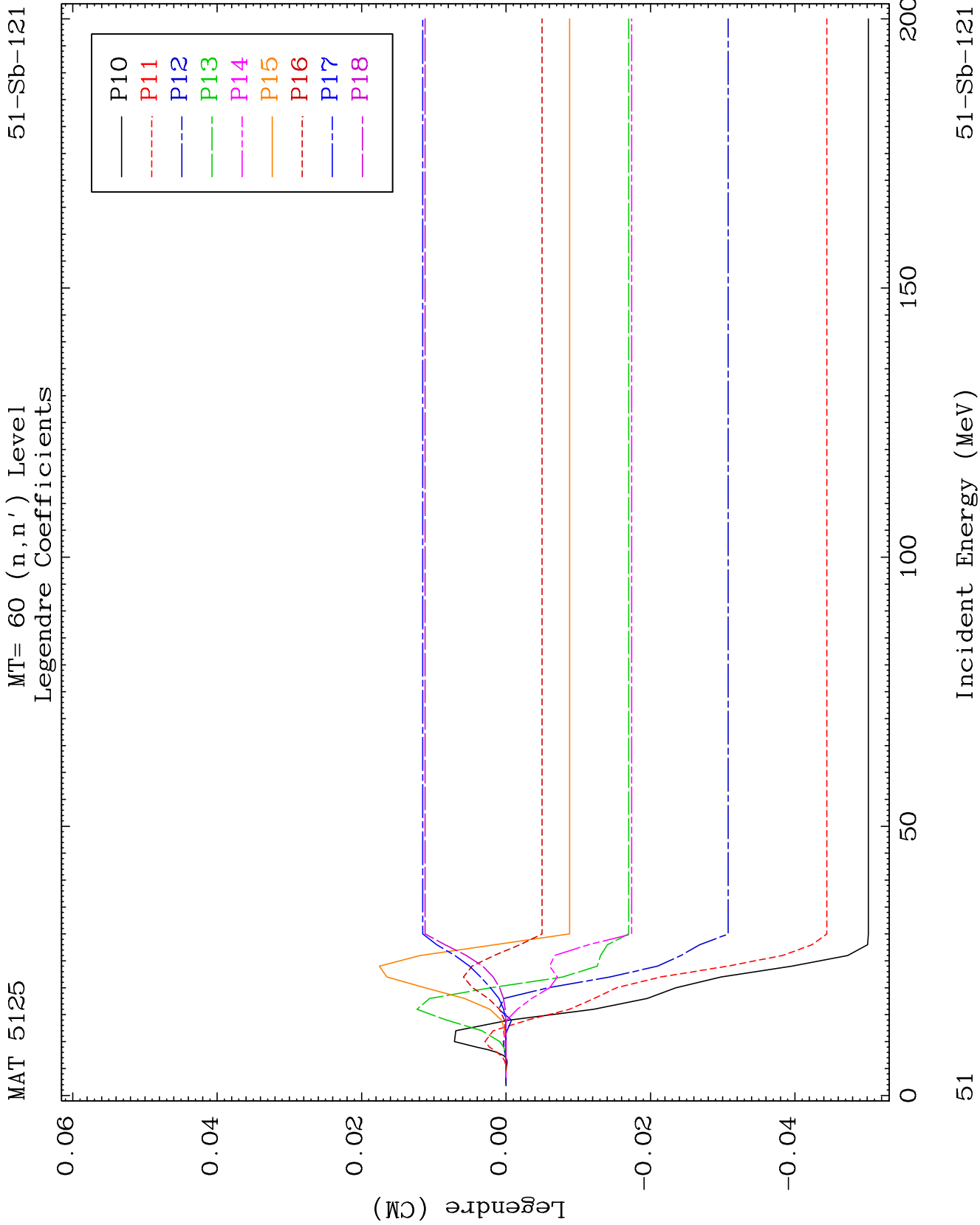
51-Sb-121



49

51-Sb-121

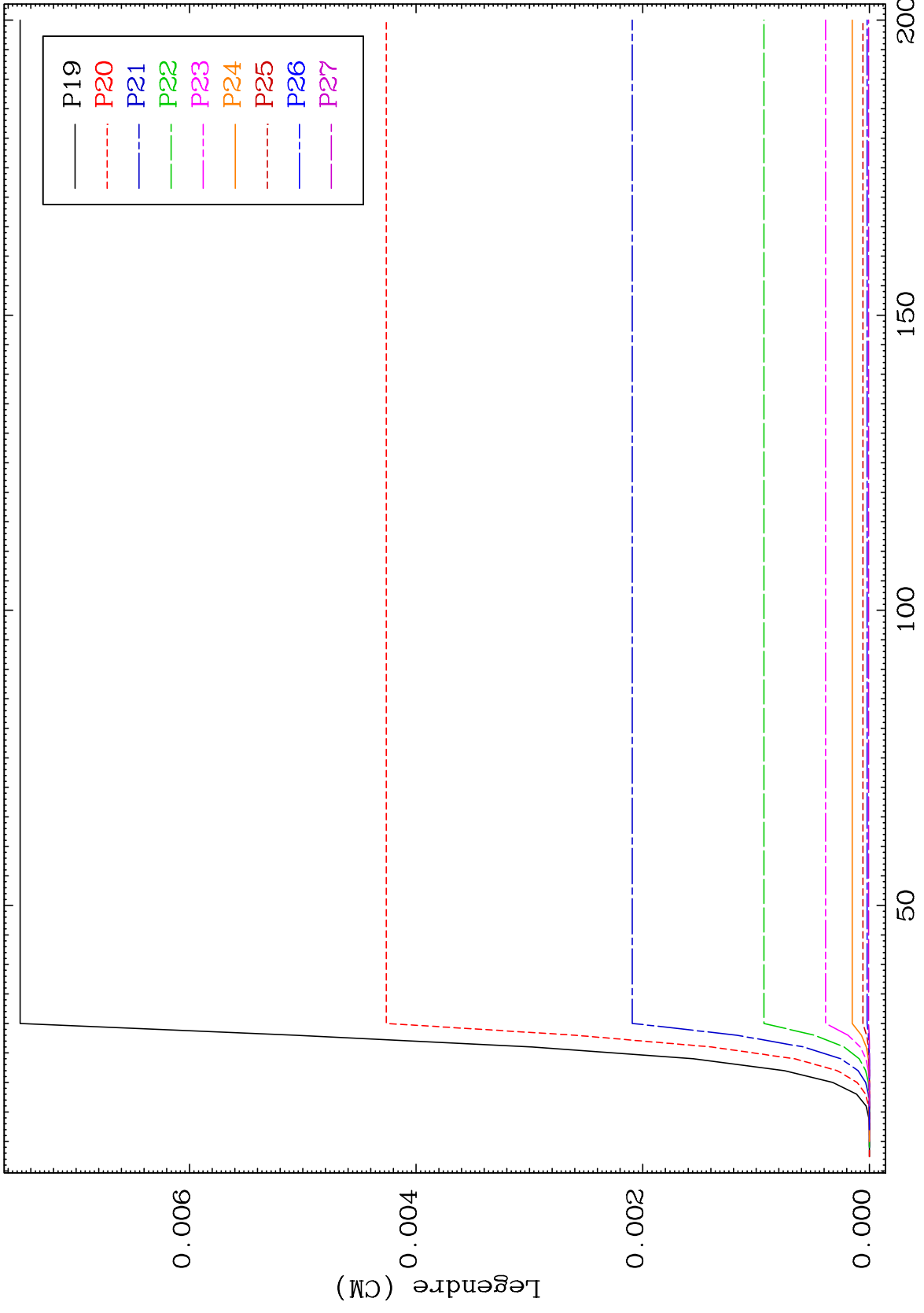




MAT 5125

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

51-Sb-121



52

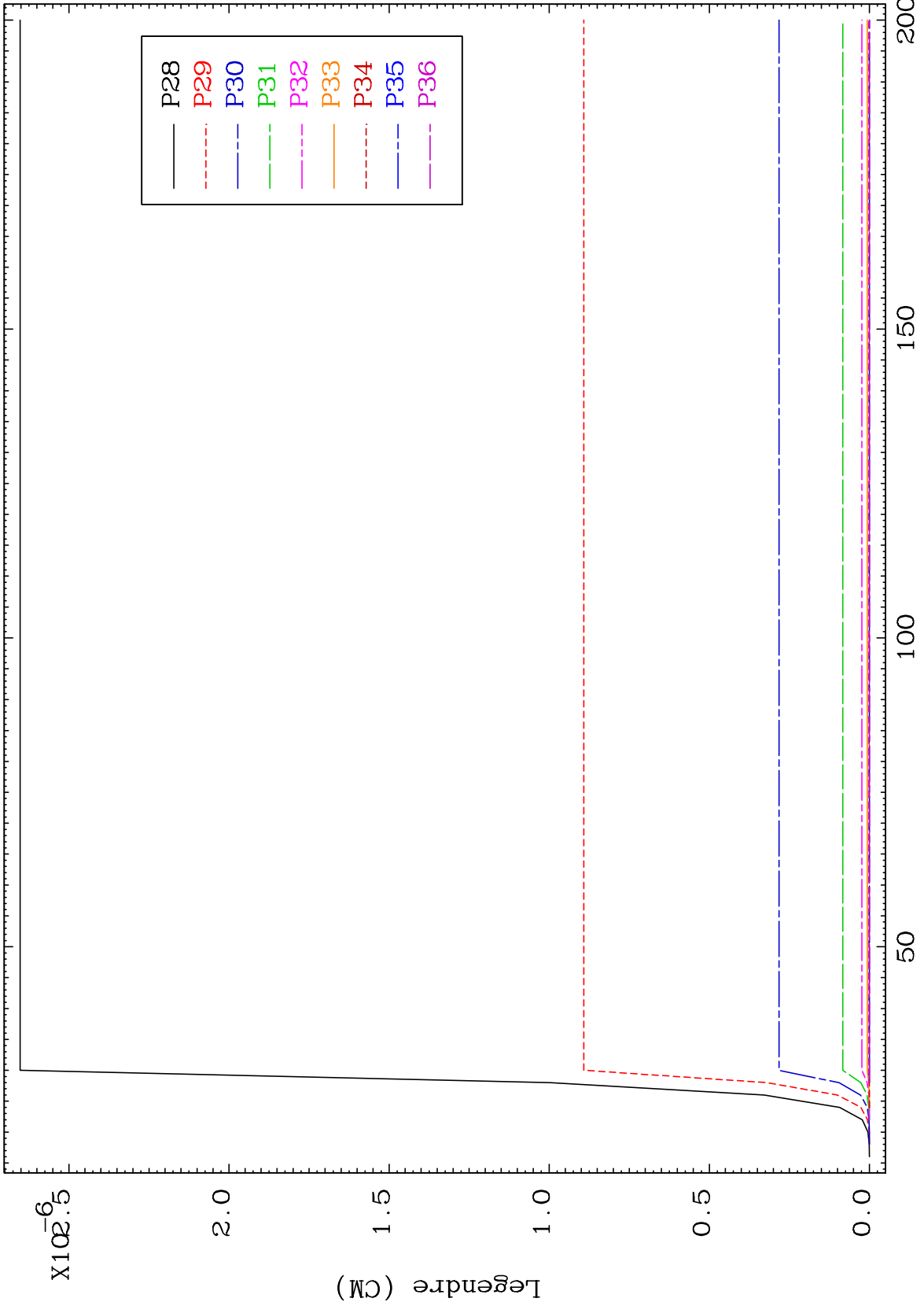
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



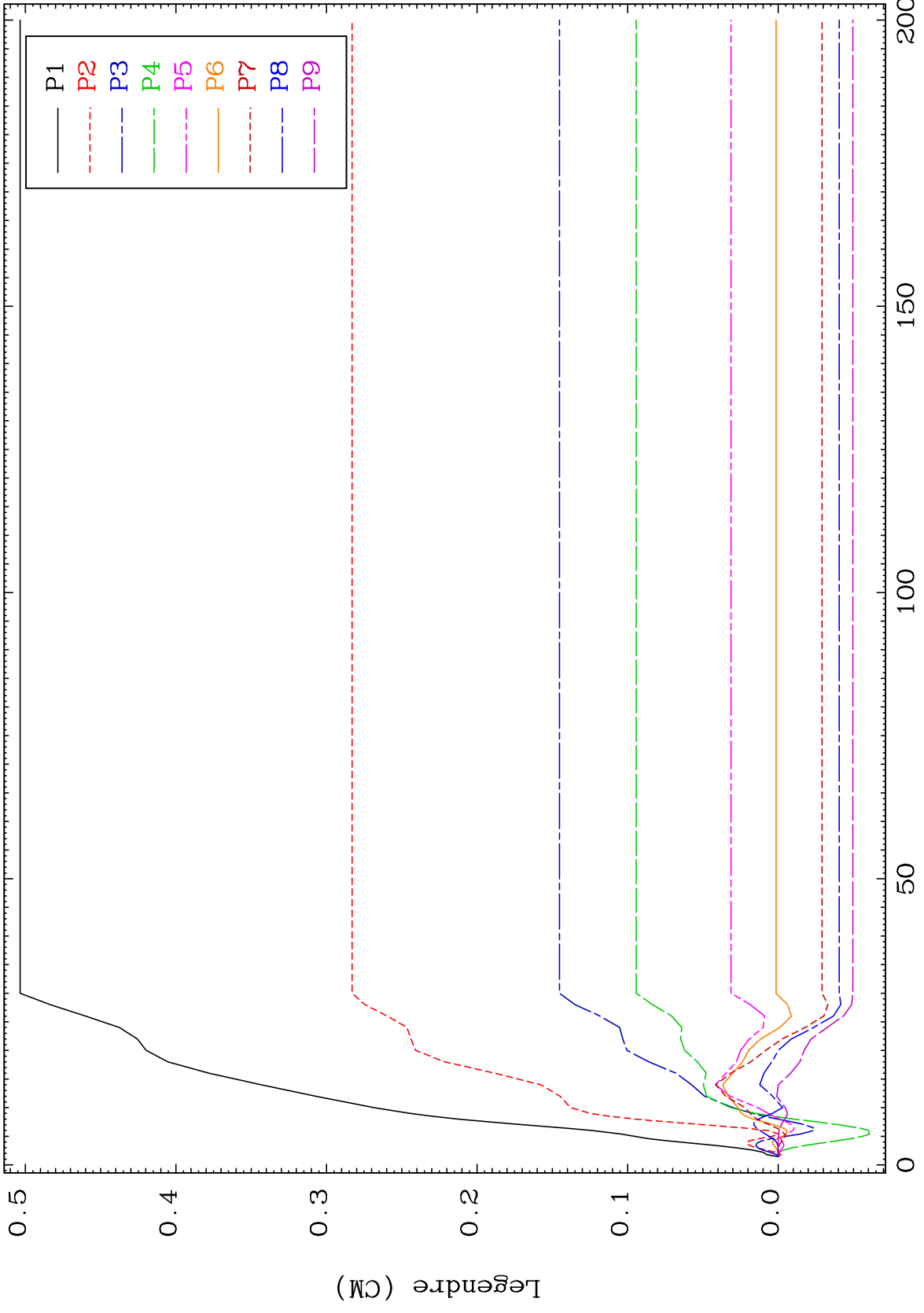
53

51-Sb-121

MAT 5125

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

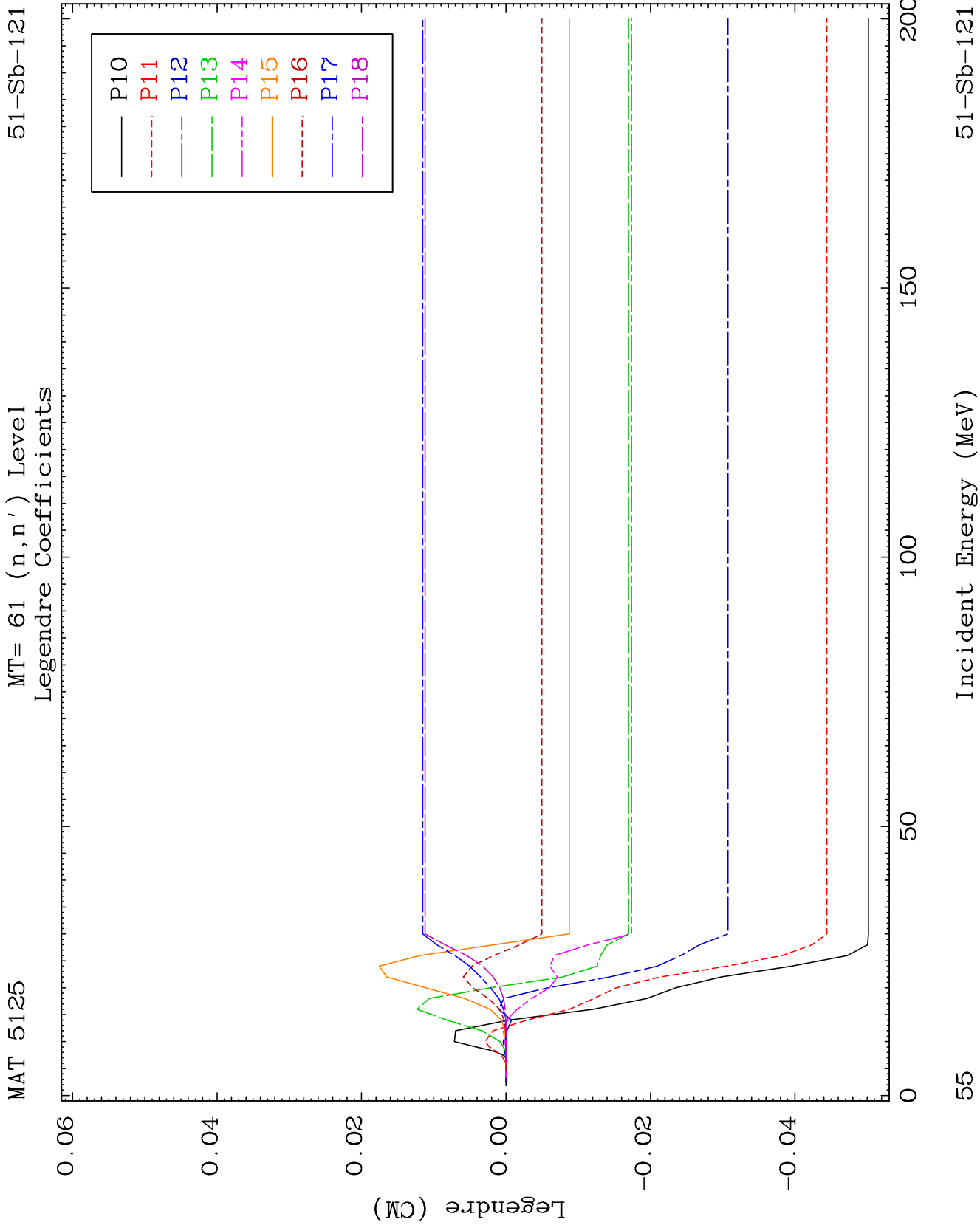
51-Sb-121



54

Incident Energy (MeV)

51-Sb-121

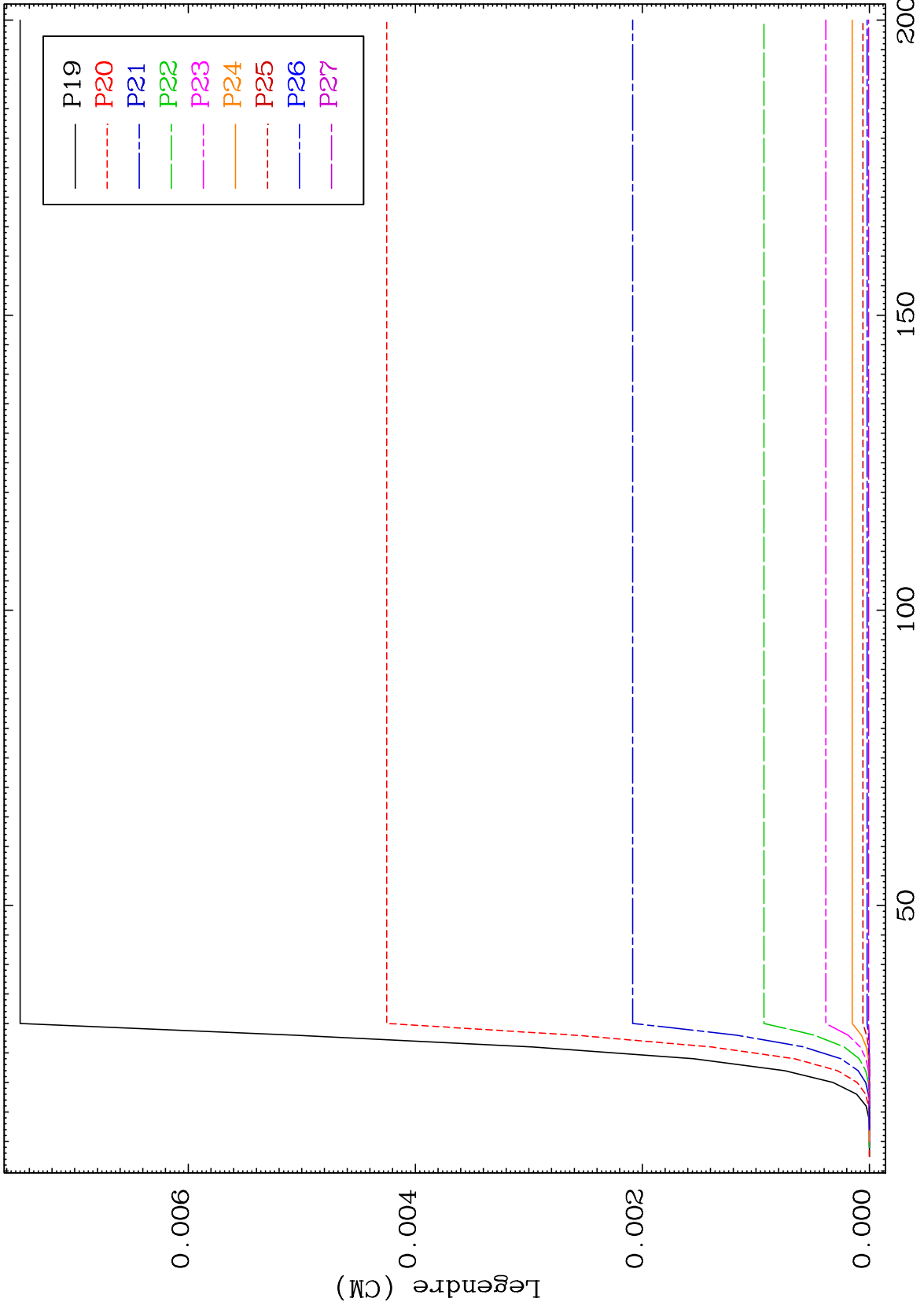




MAT 5125

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

51-Sb-121



56

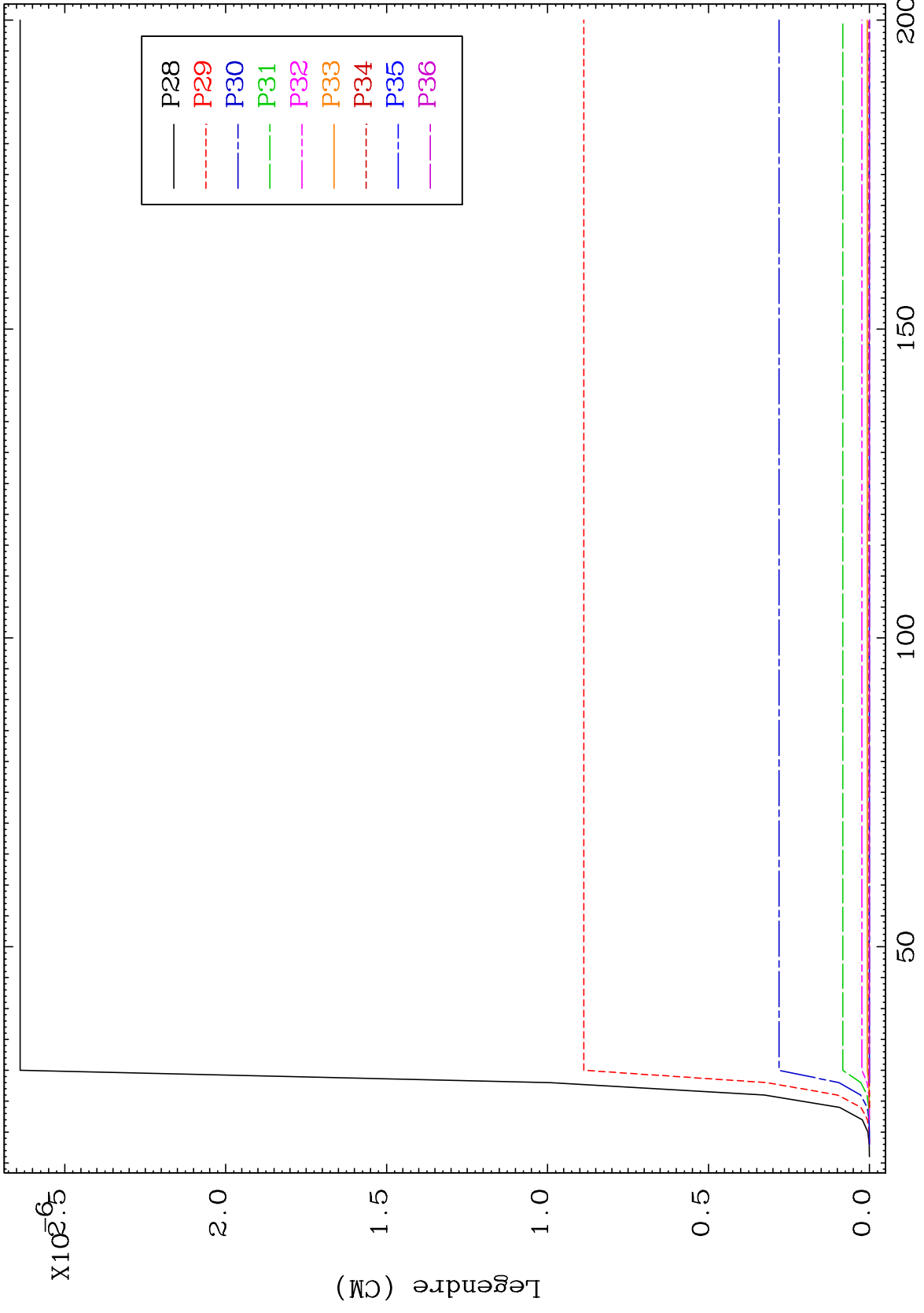
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



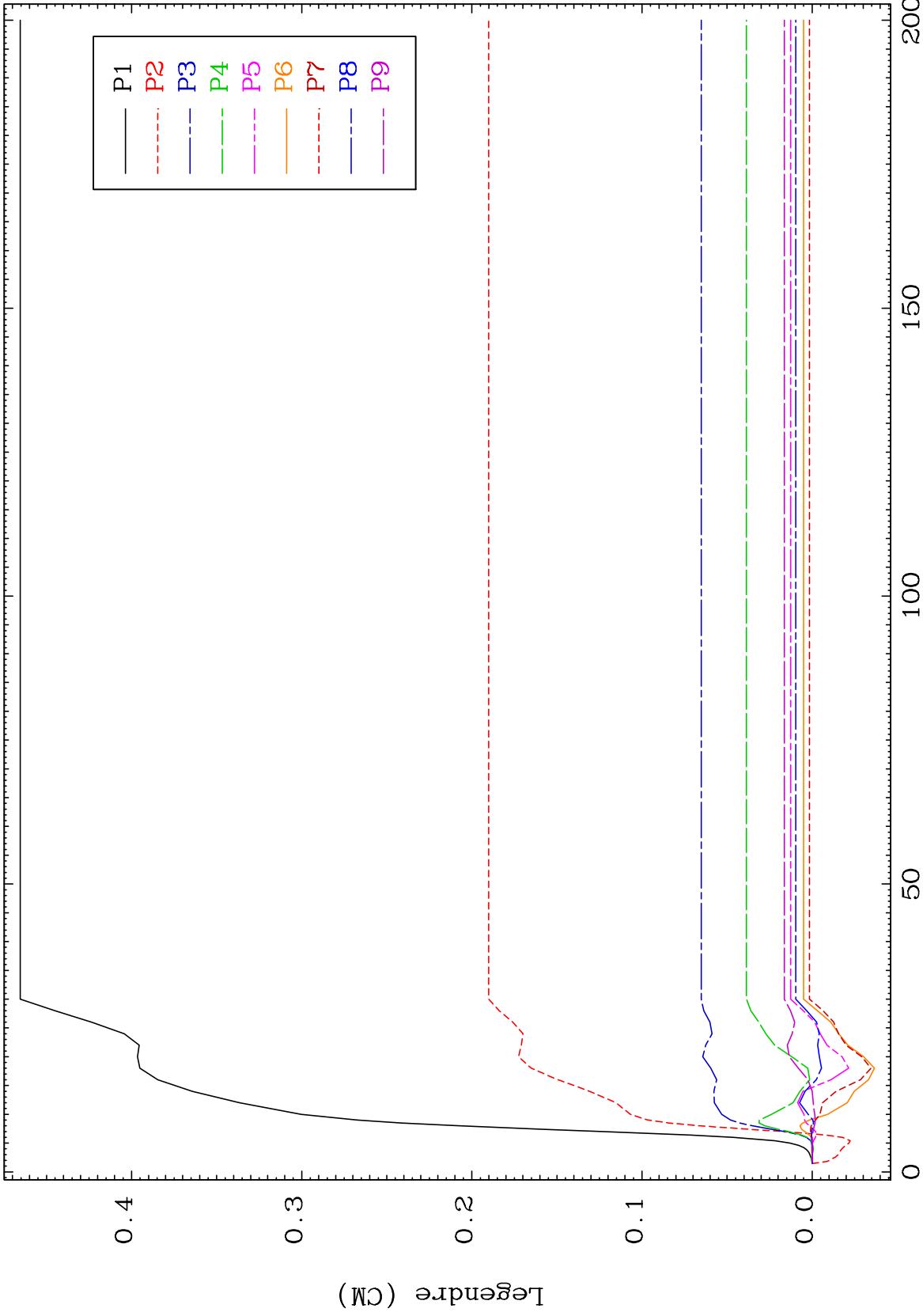
57

51-Sb-121

MAT 5125

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

51-Sb-121



58

Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



59

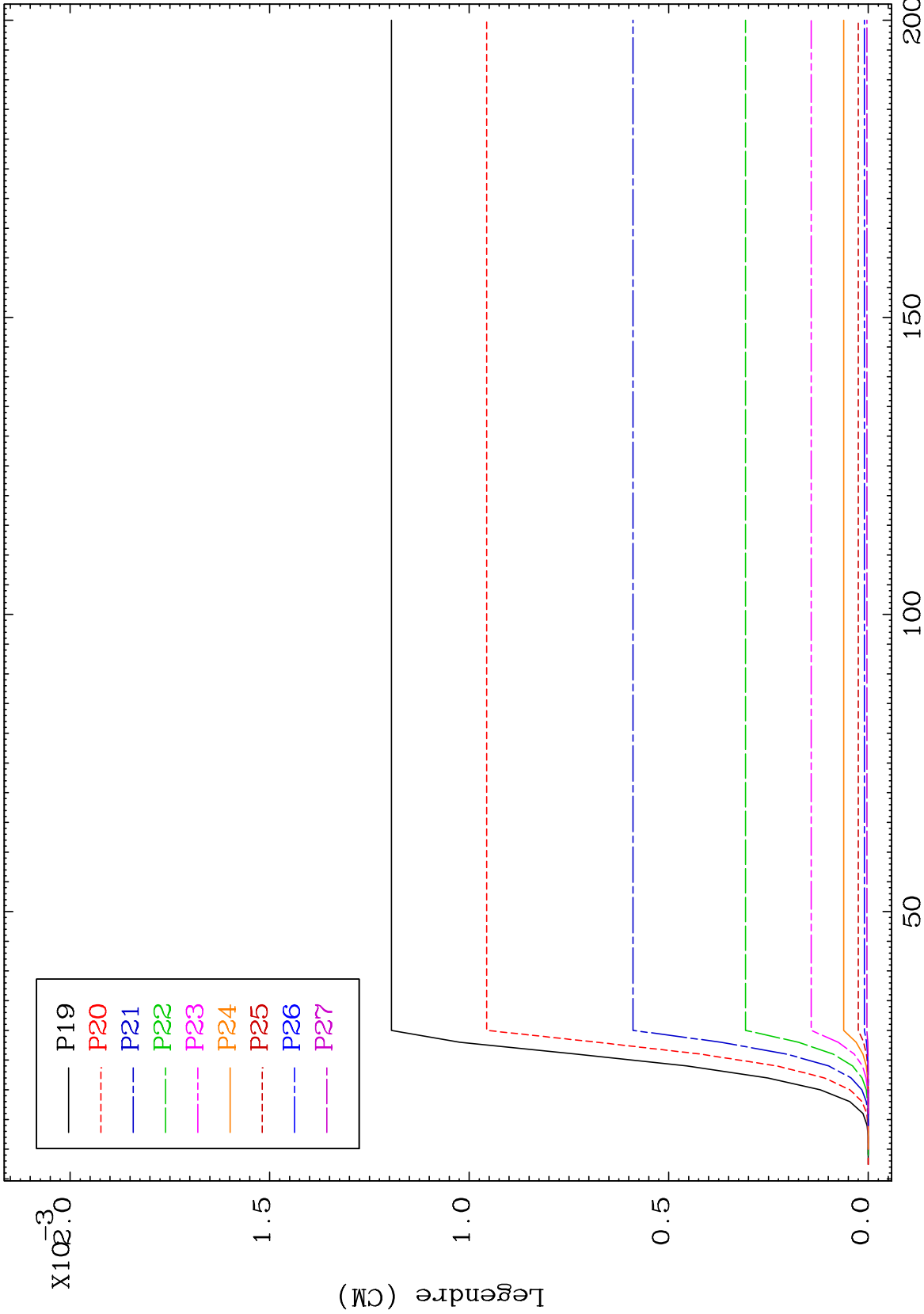
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



60

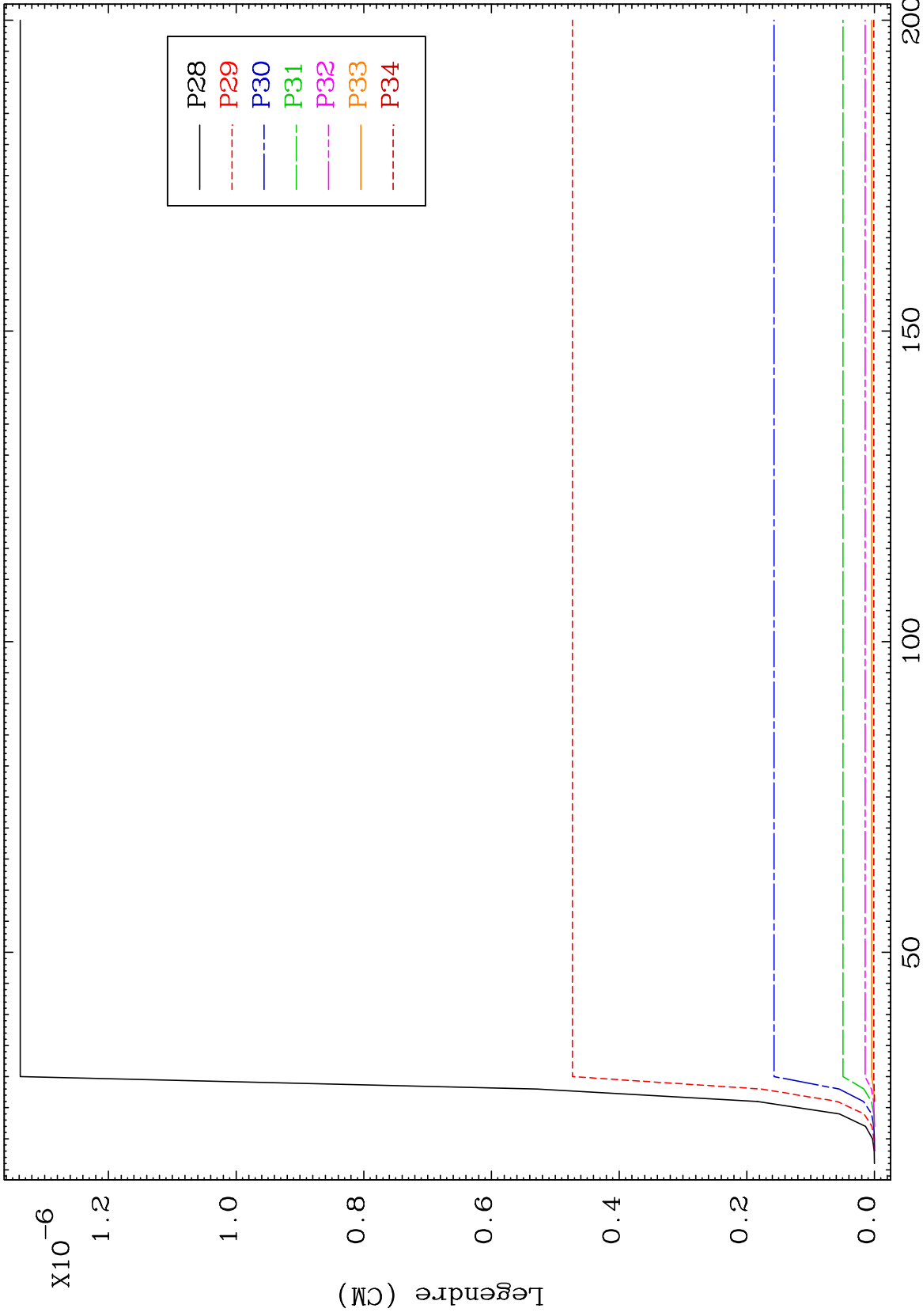
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



61

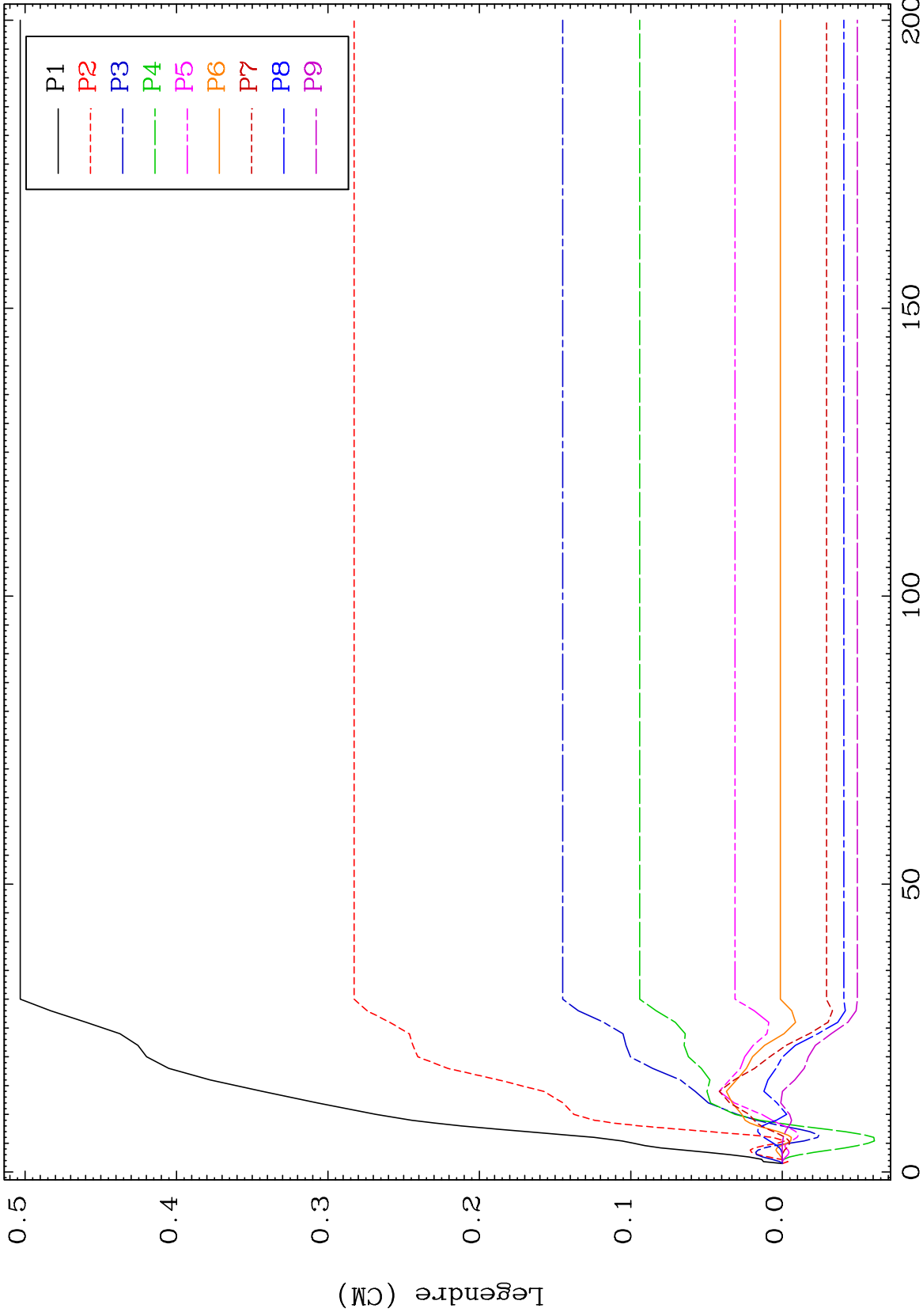
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



62

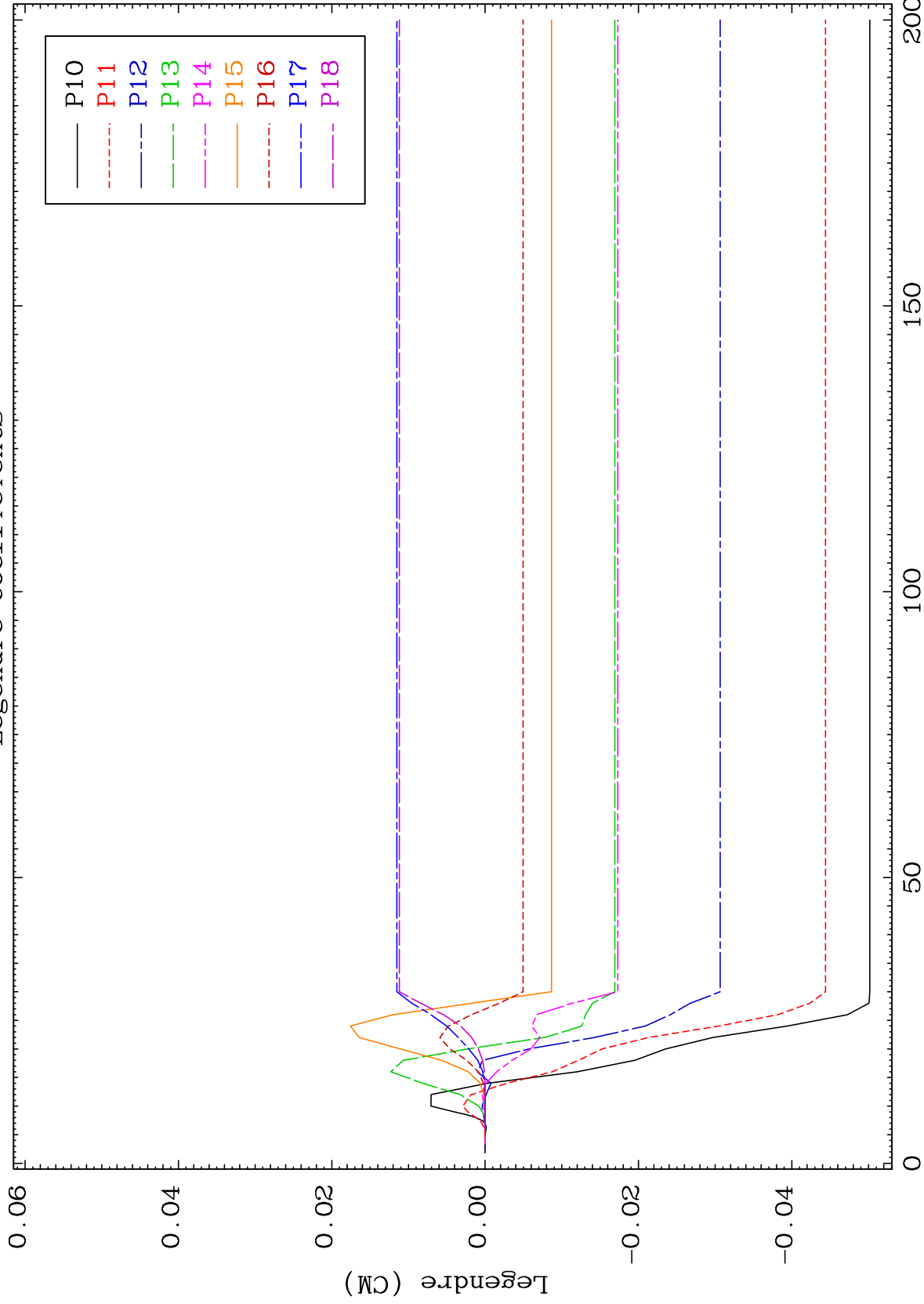
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



63

Incident Energy (MeV)

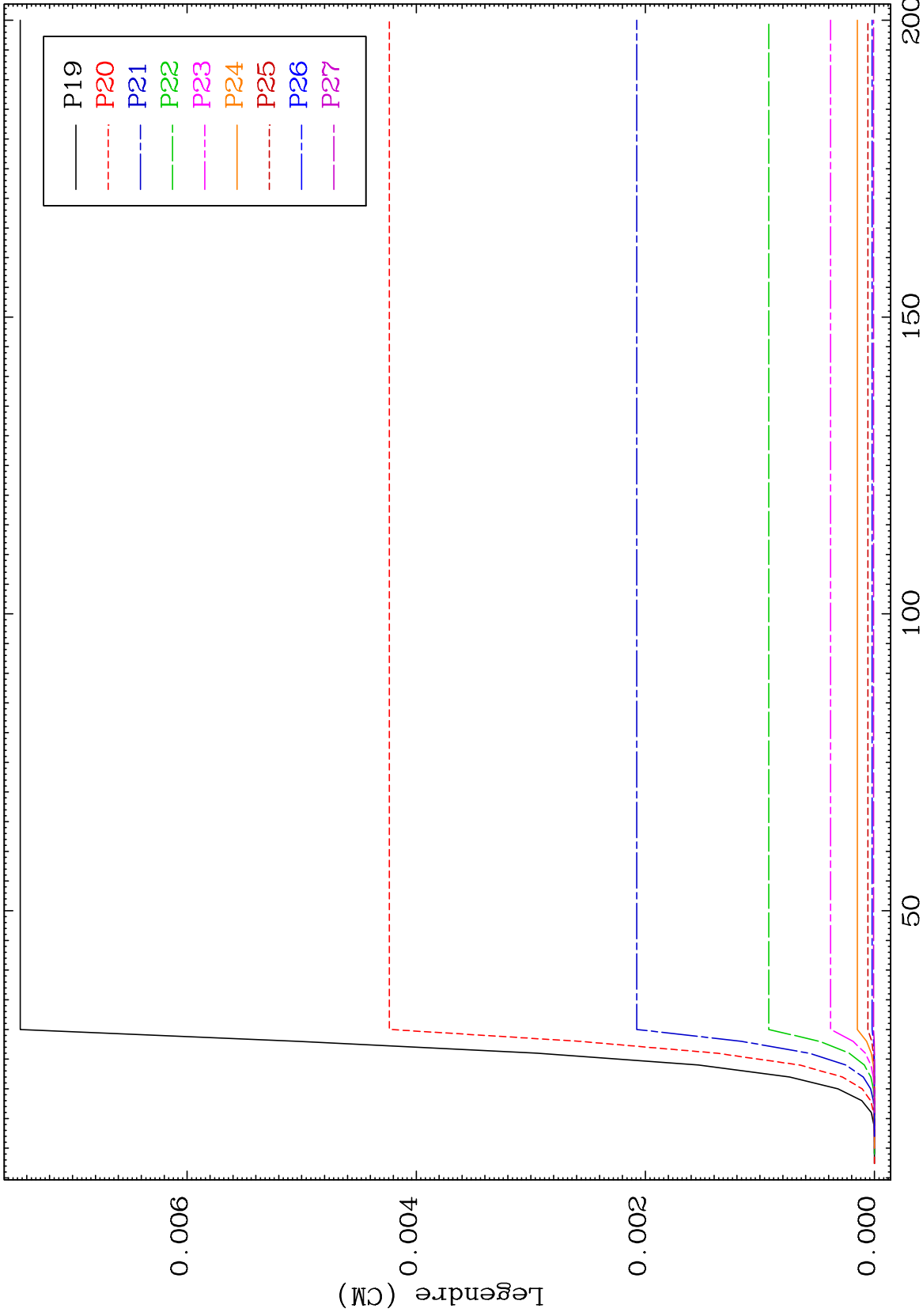
51-Sb-121



MAT 5125

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

51-Sb-121



64

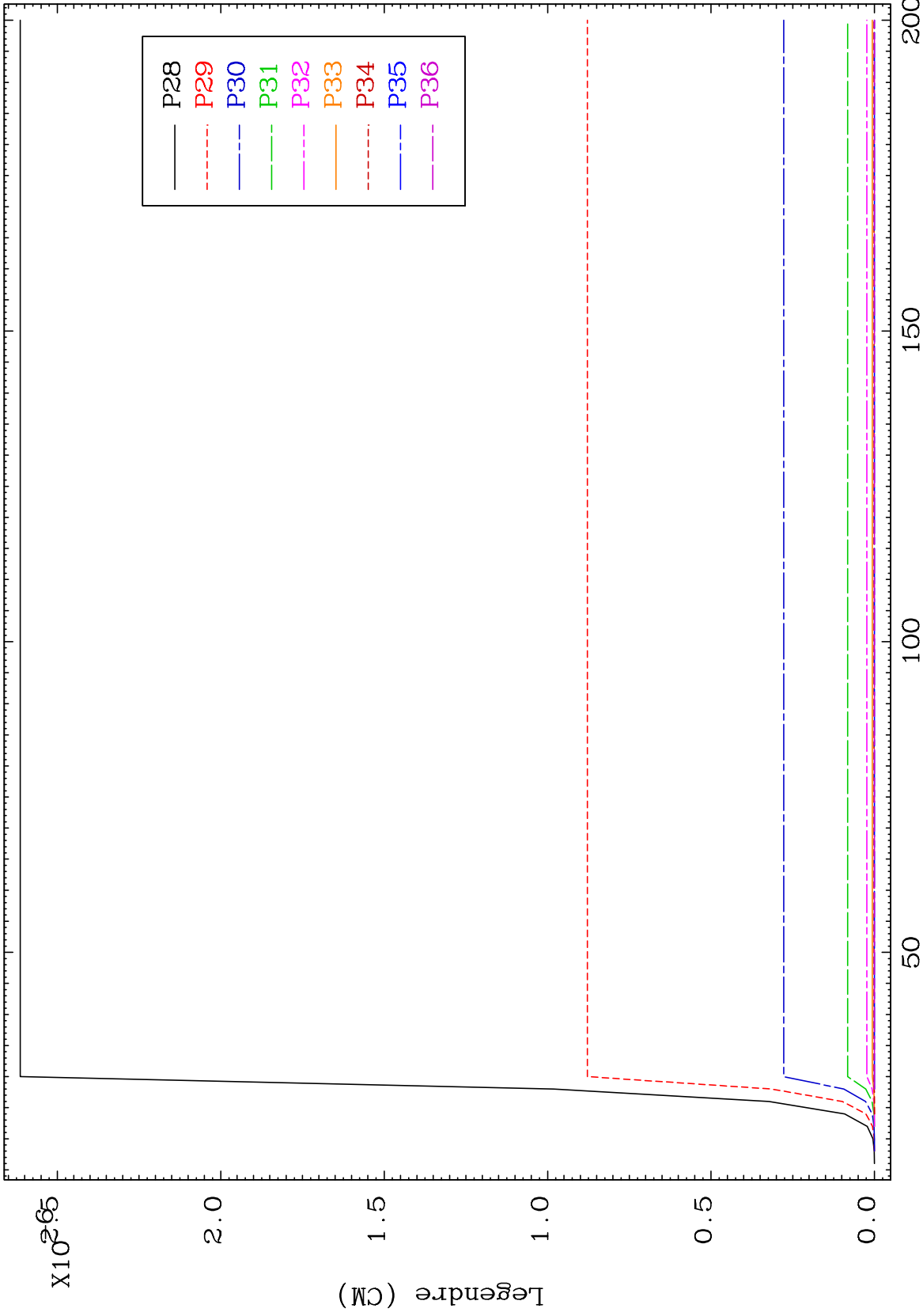
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



65

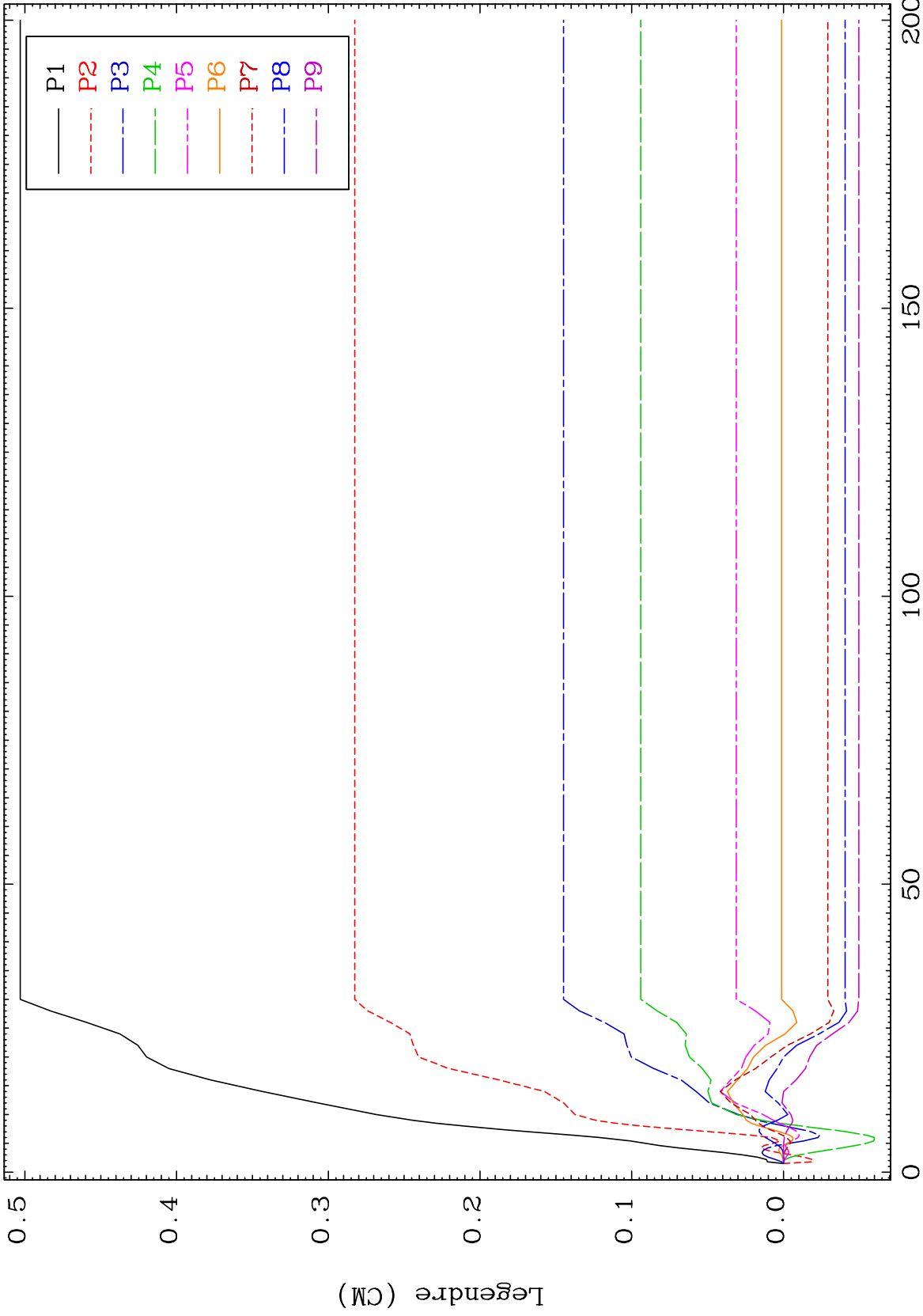
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121

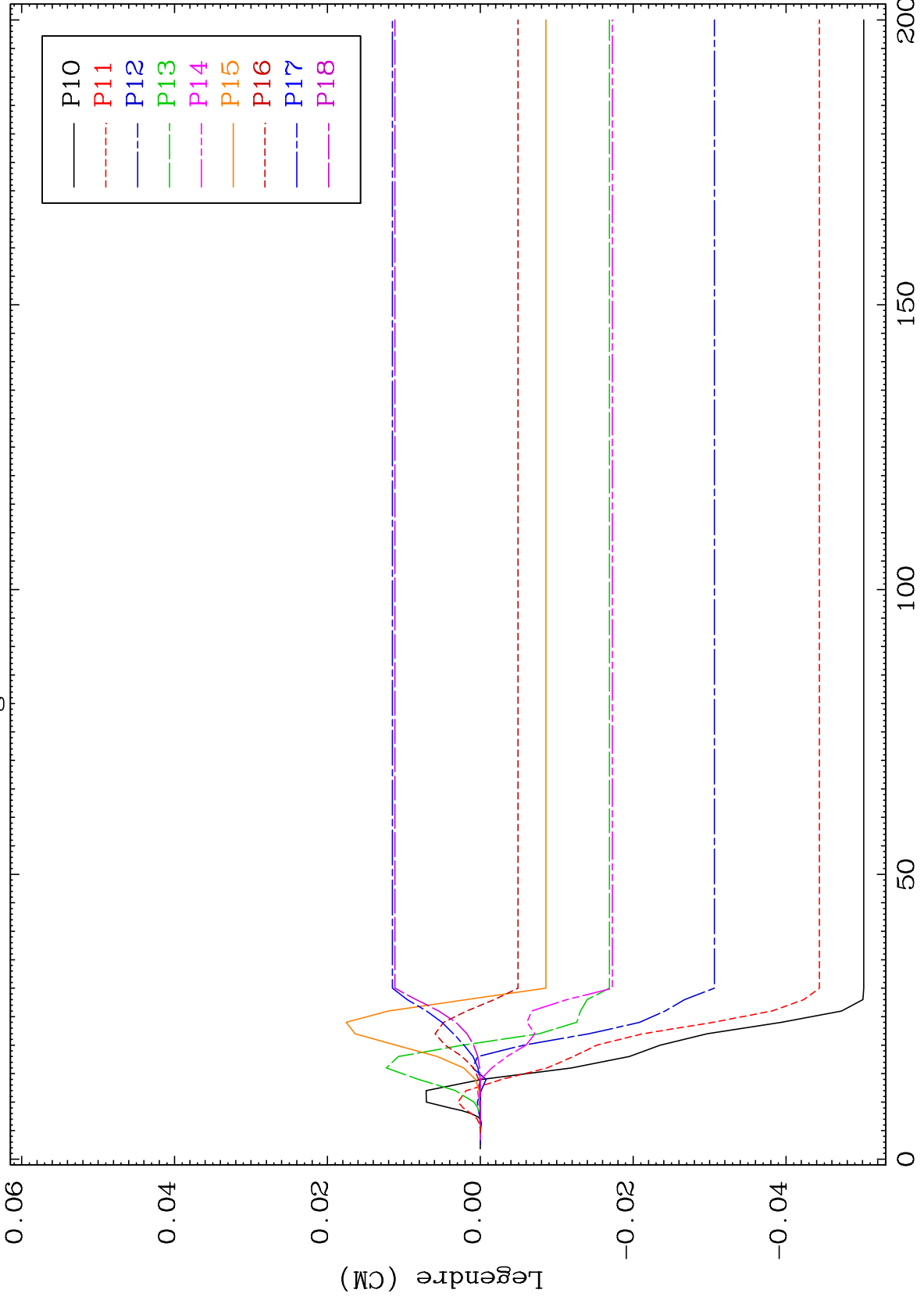


66

Incident Energy (MeV)

51-Sb-121

MAT 5125 MT= 64 (n,n') Level Legendre Coefficients 51-Sb-121

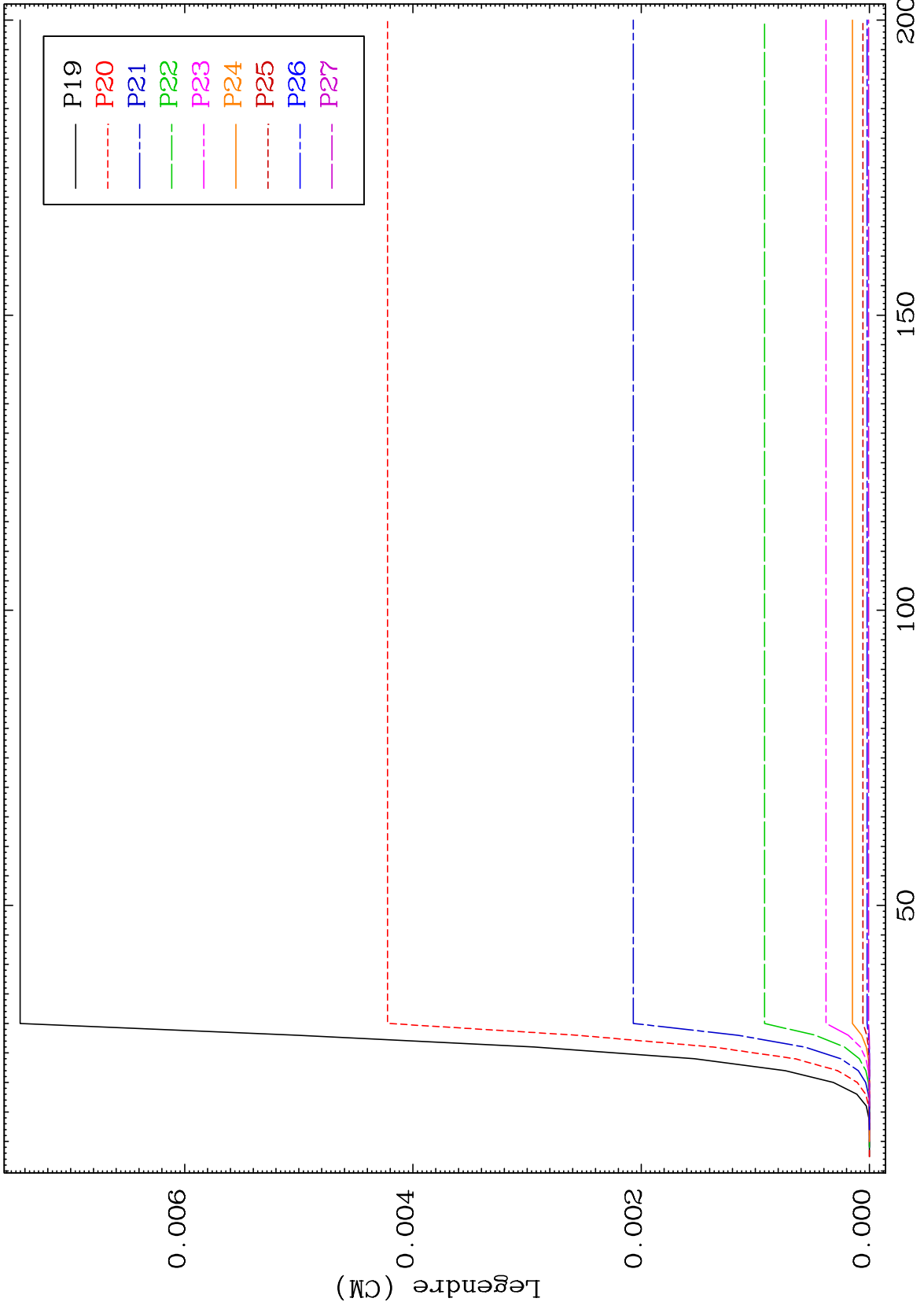


67 51-Sb-121

MAT 5125

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

51-Sb-121



68

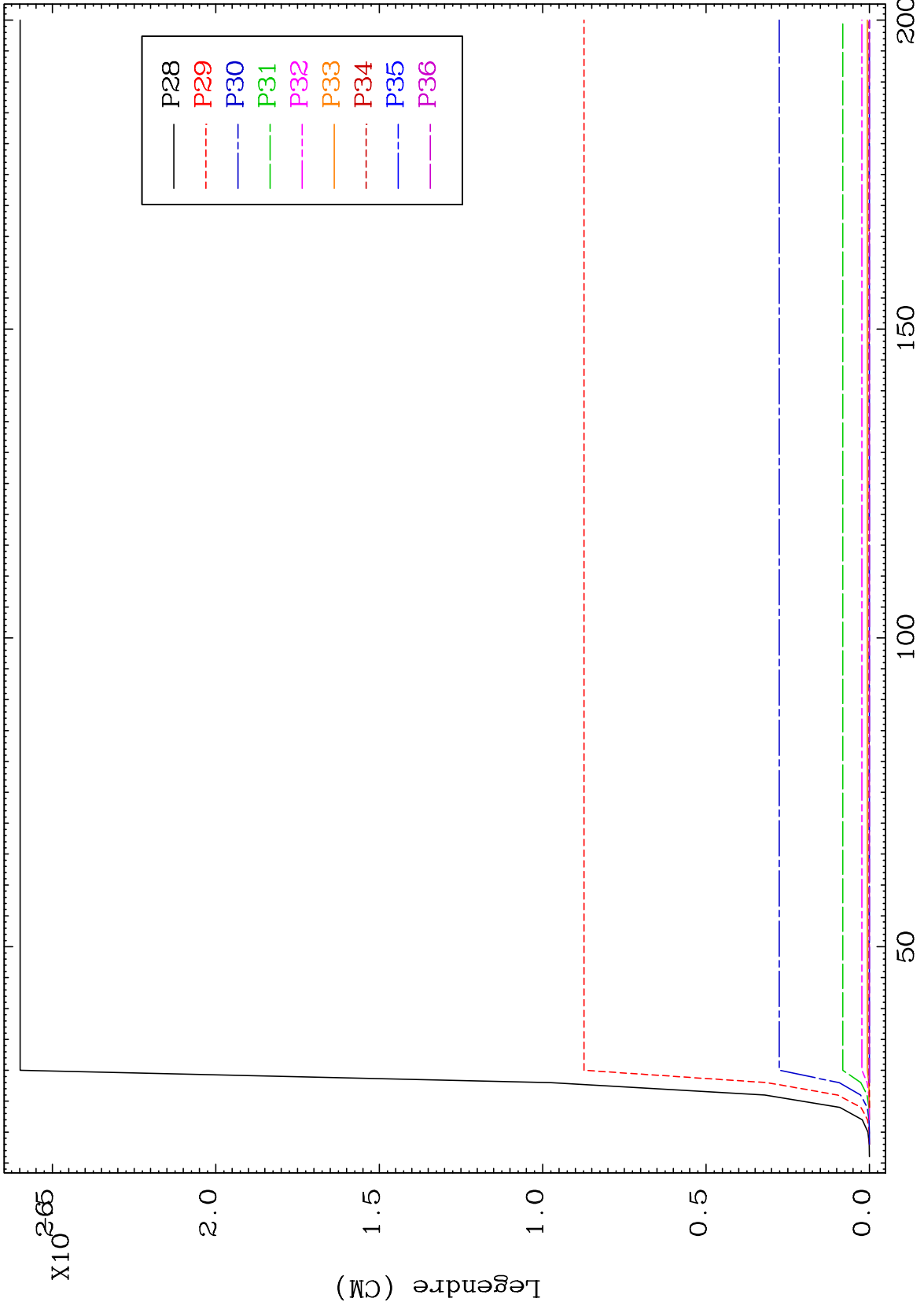
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



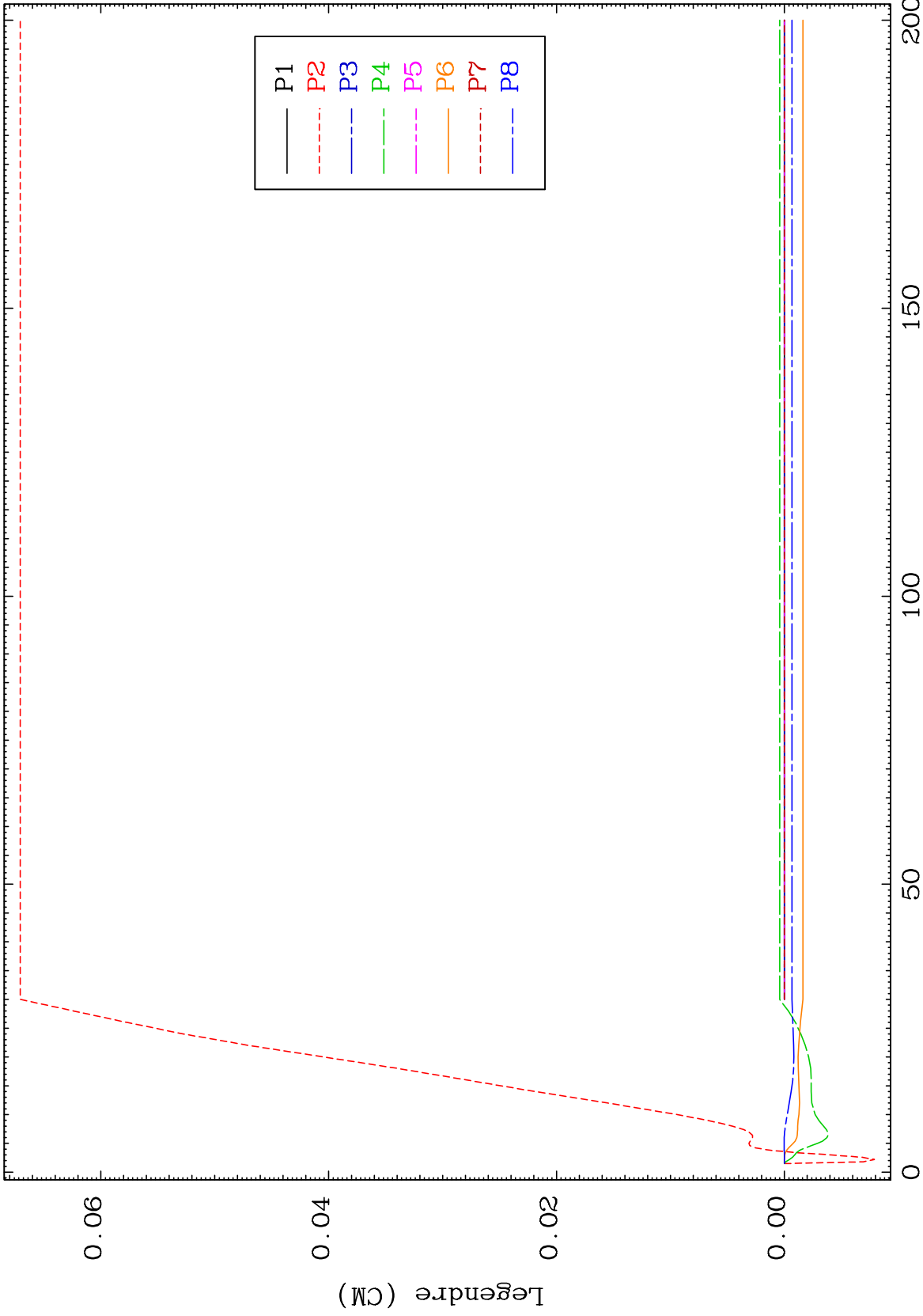
69

51-Sb-121

MAT 5125

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

51-Sb-121



70

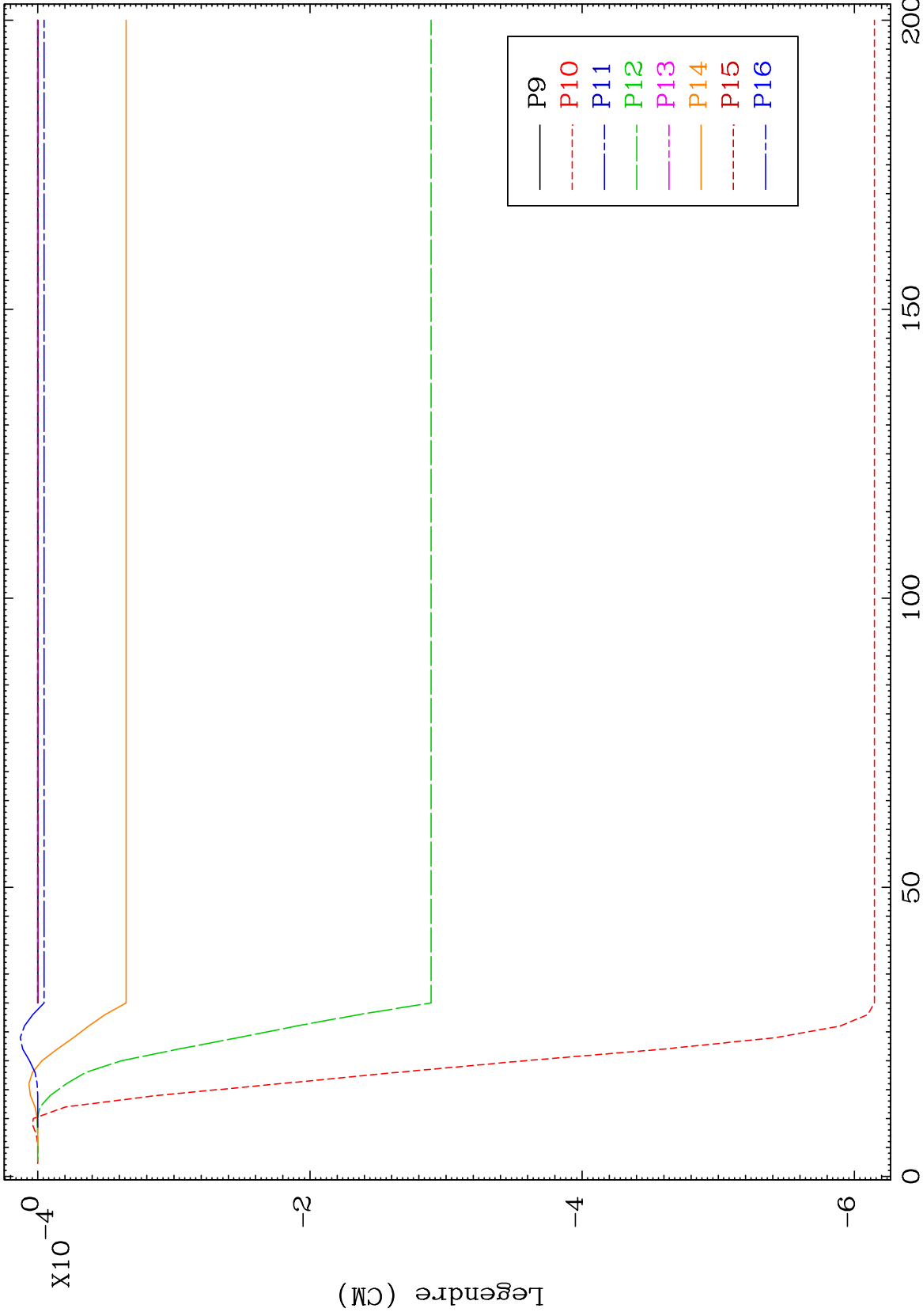
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



71

Incident Energy (MeV)

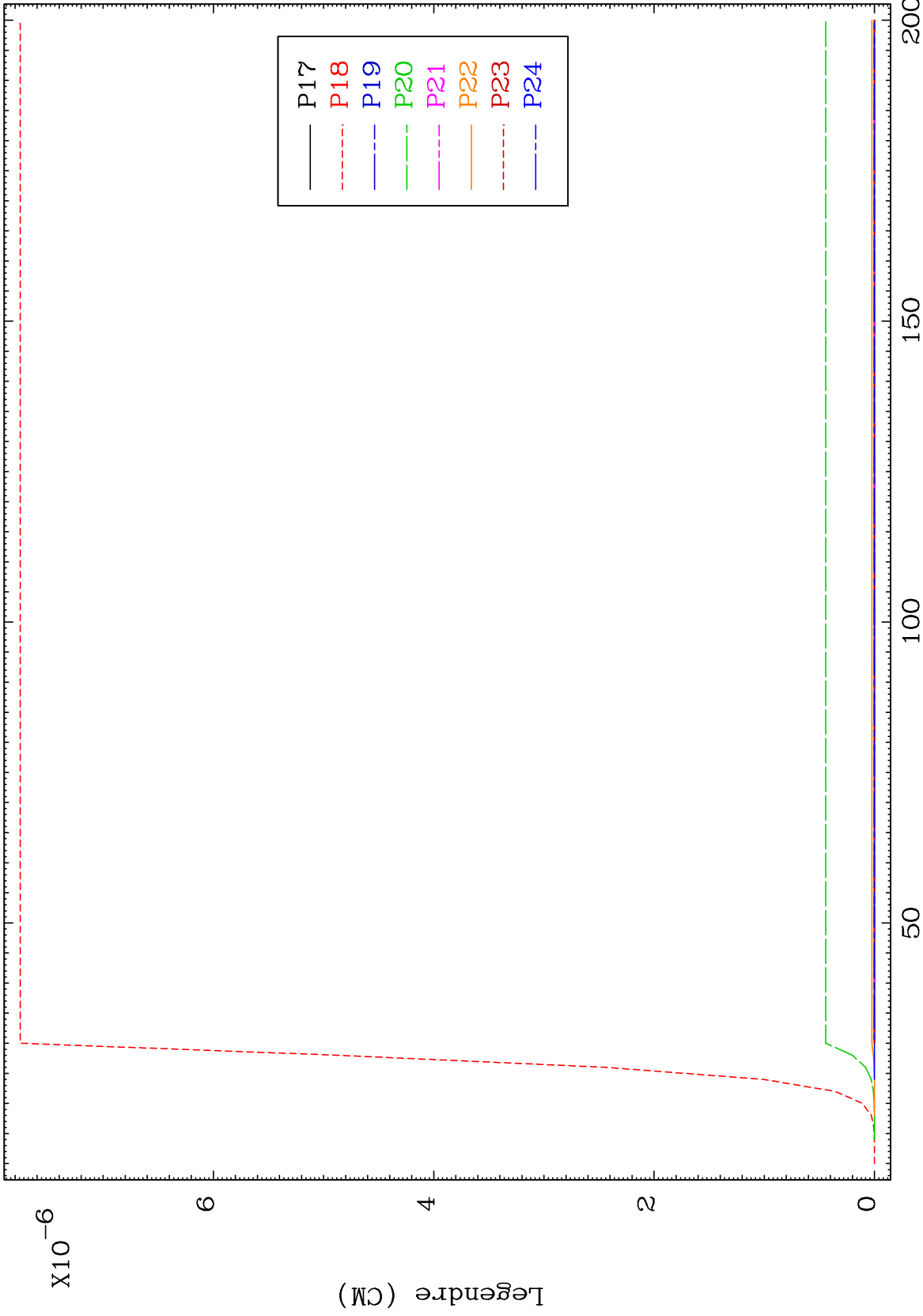
51-Sb-121



MAT 5125

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

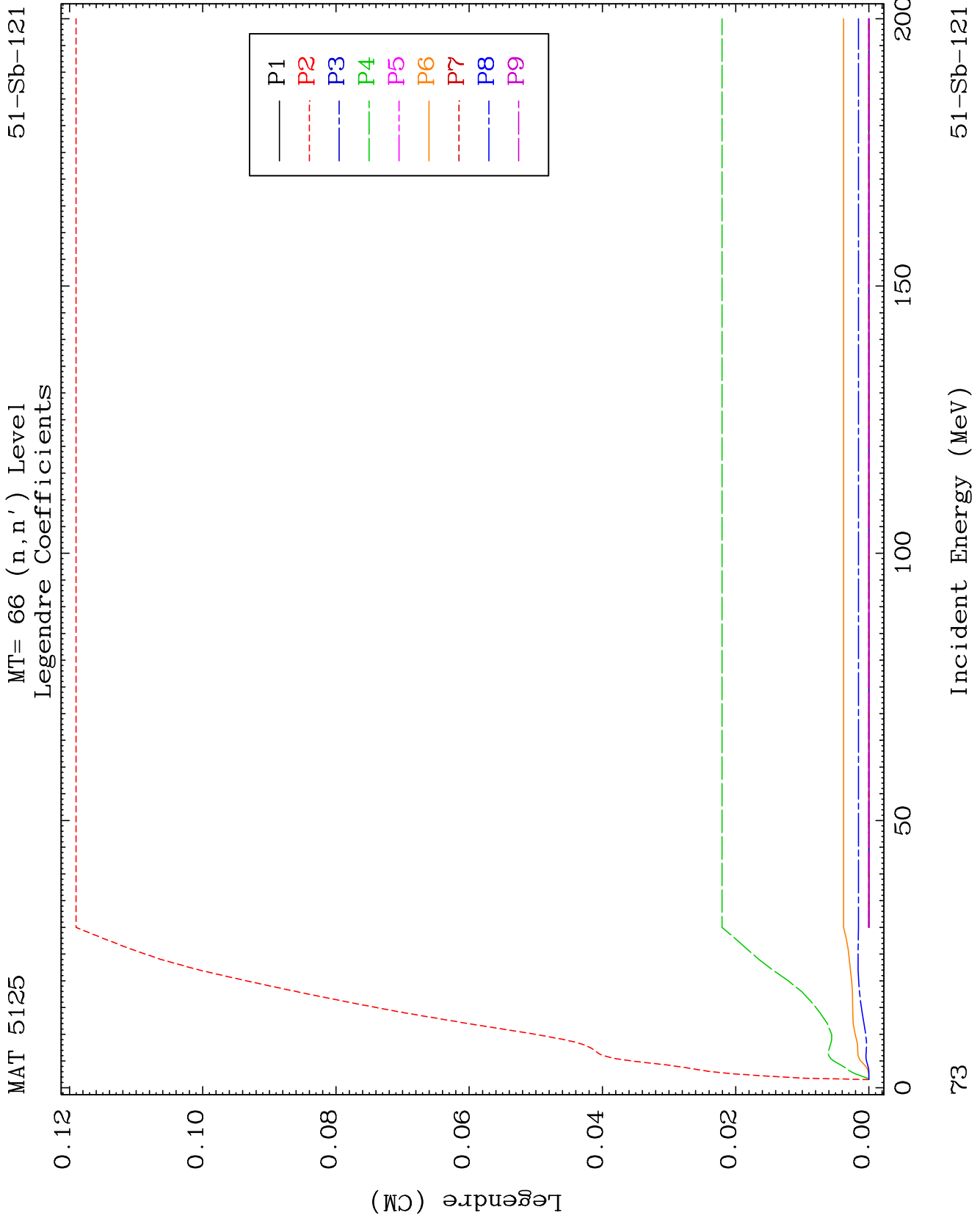
51-Sb-121



72

Incident Energy (MeV)

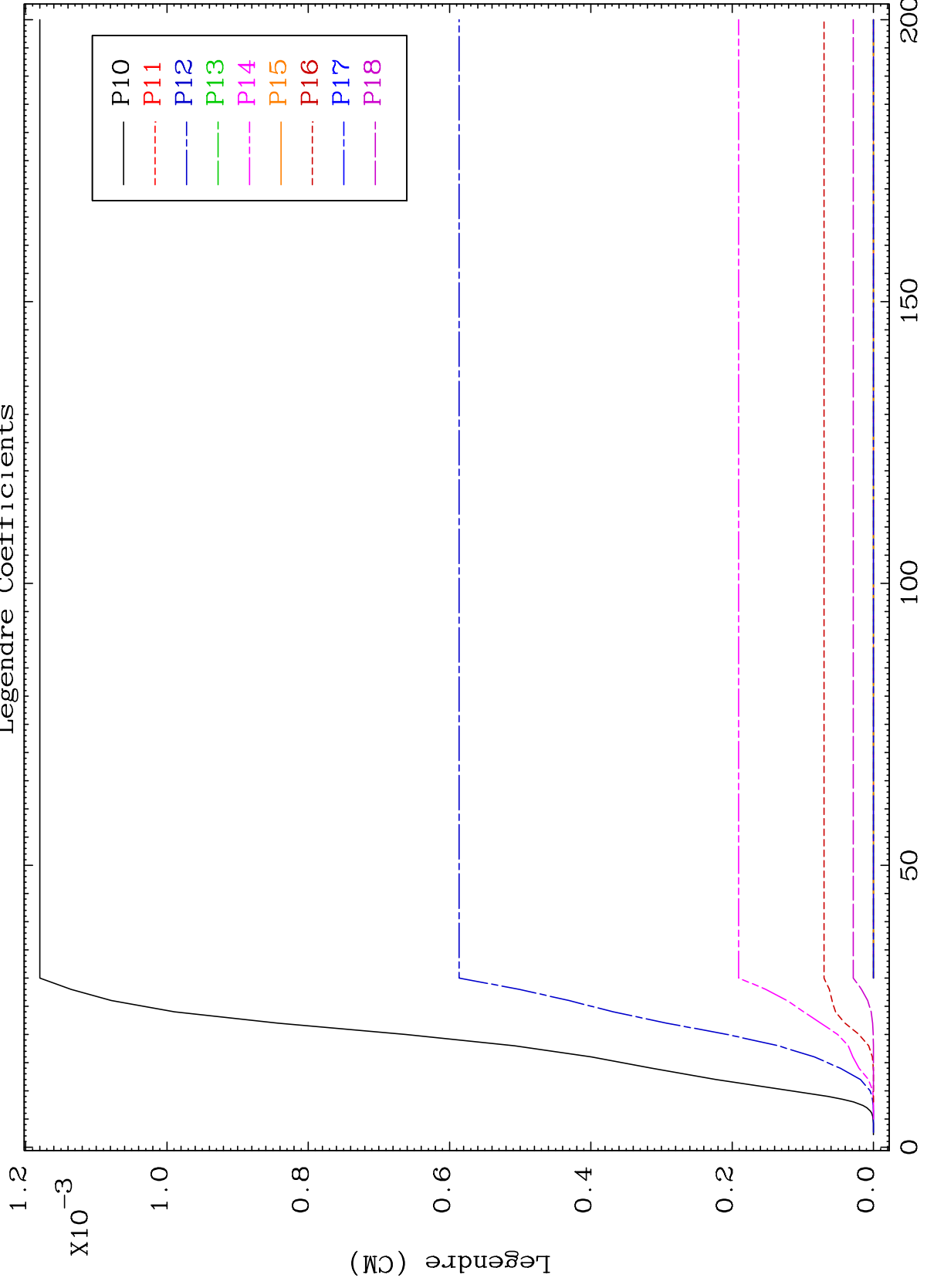
51-Sb-121



MAT 5125

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

51-Sb-121

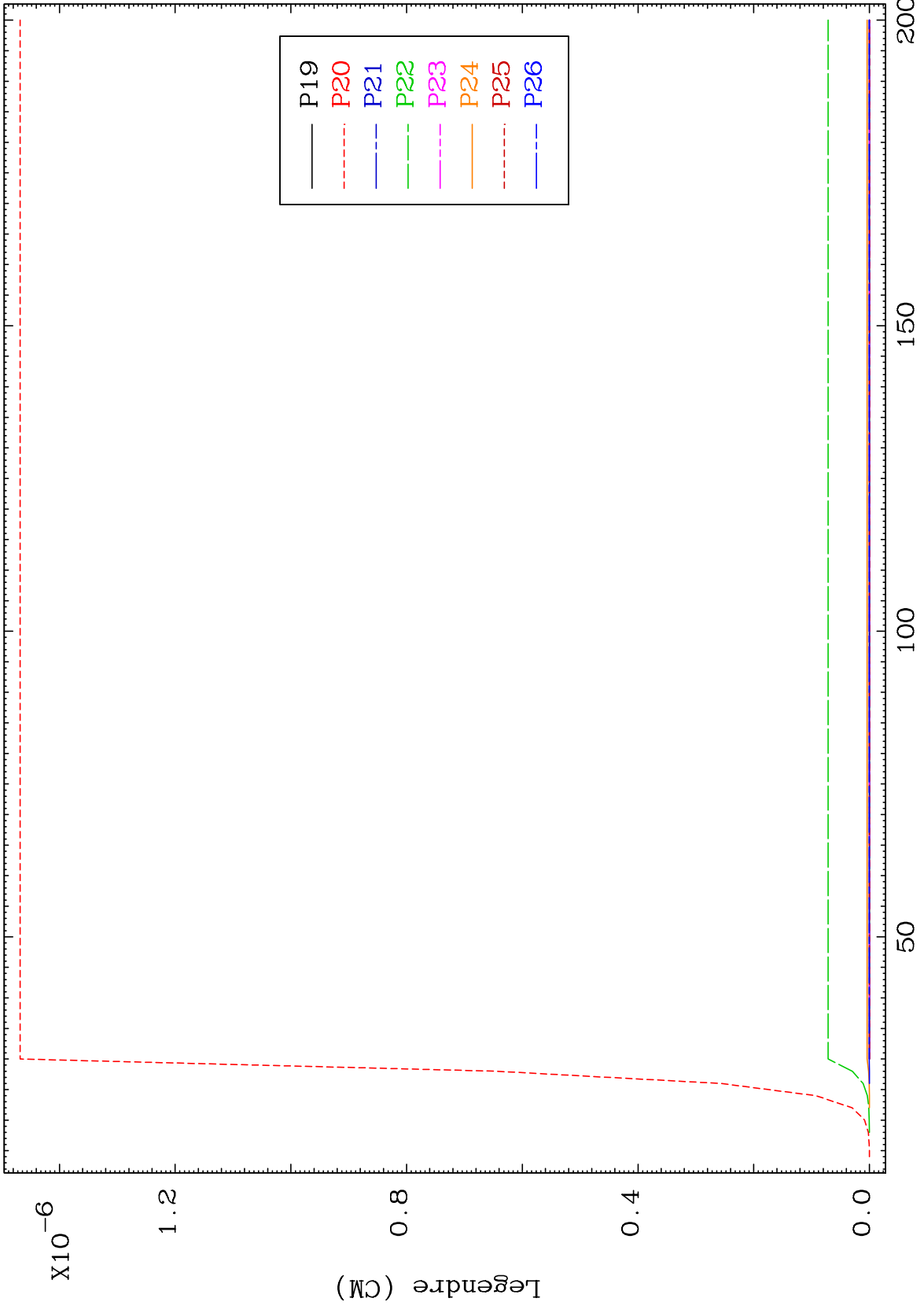


74

Incident Energy (MeV)

51-Sb-121

MAT 5125 MT= 66 (n,n') Level Legendre Coefficients 51-Sb-121

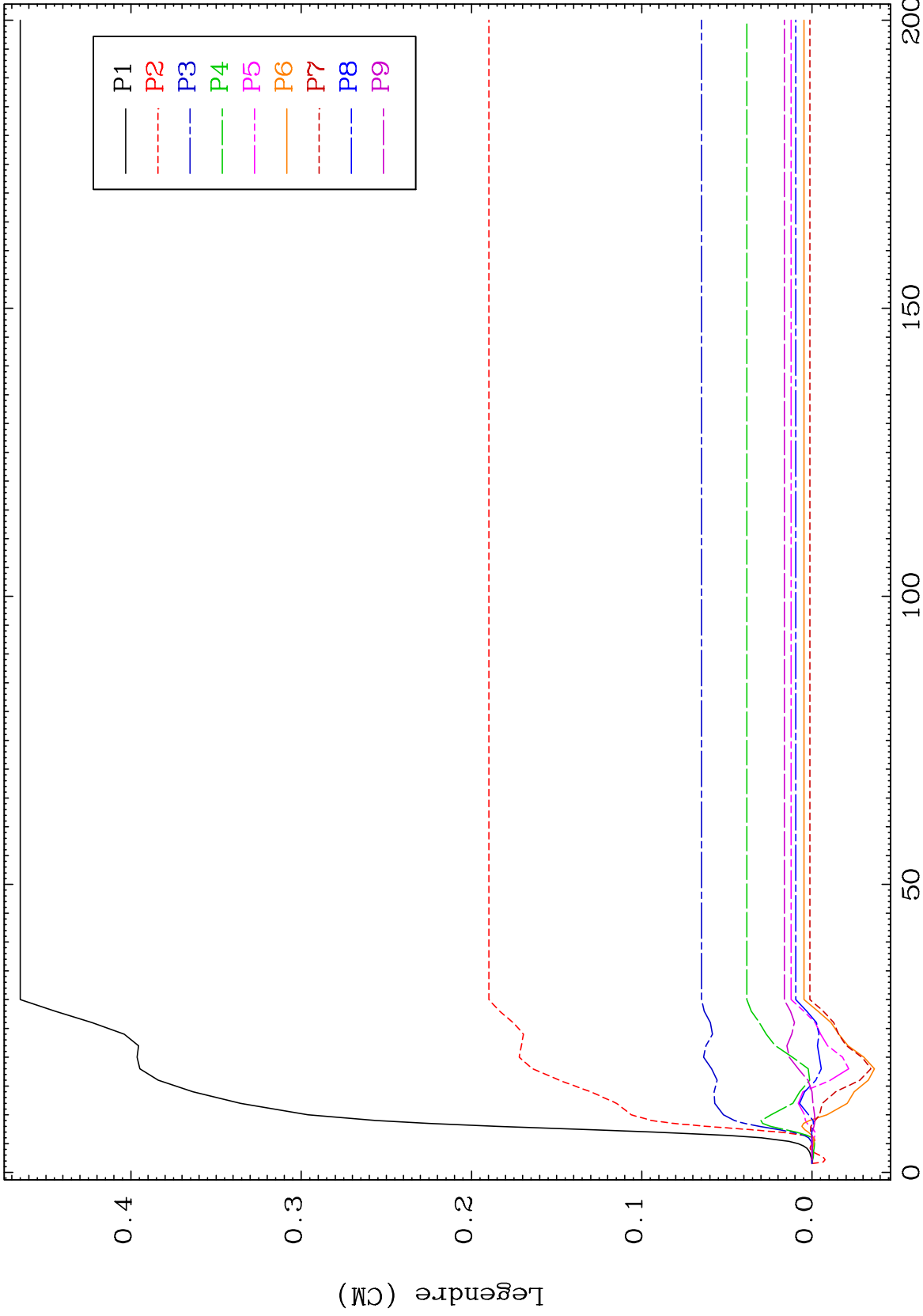


75 50 100 150 200 51-Sb-121

MAT 5125

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

51-Sb-121



76

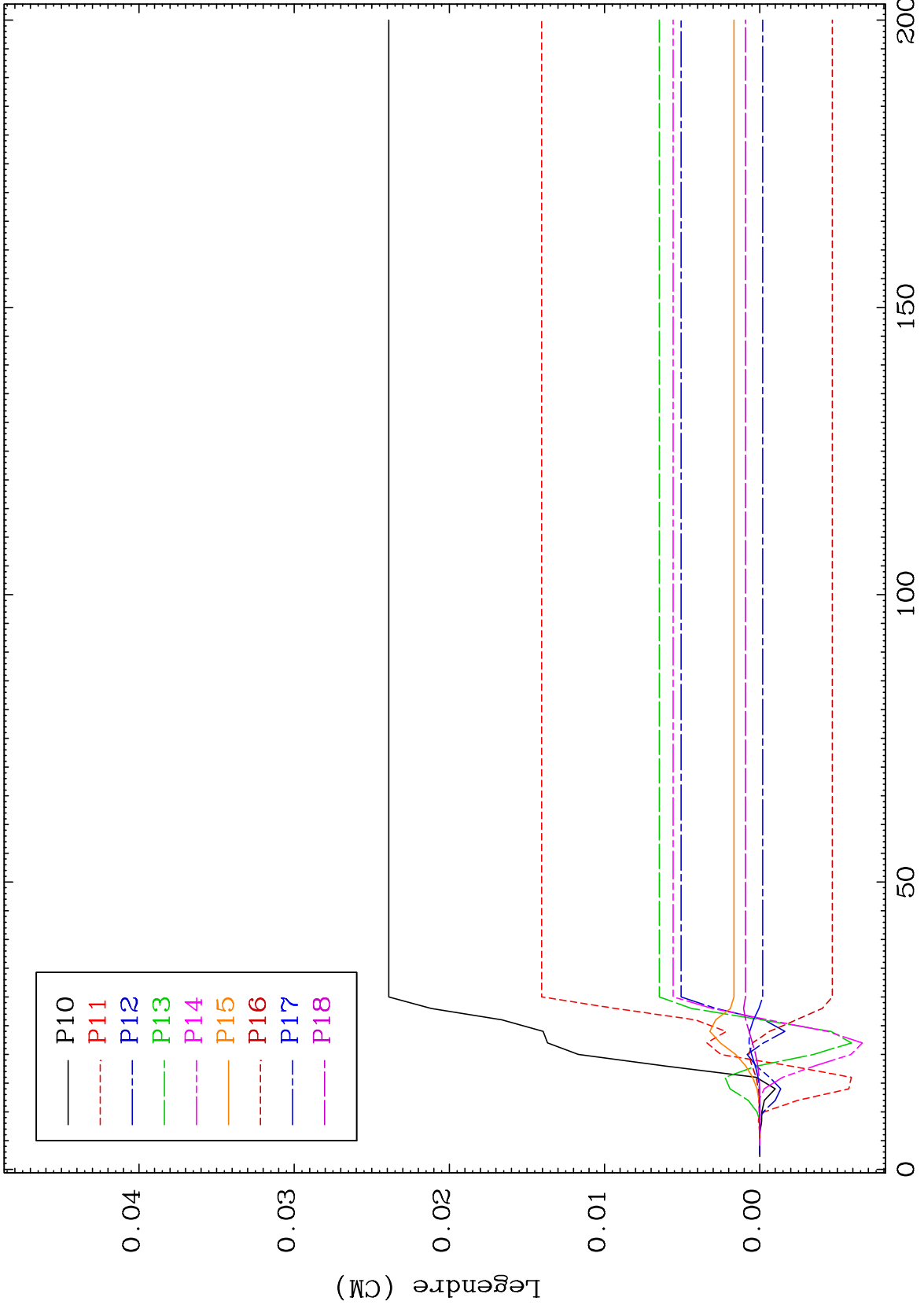
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



77

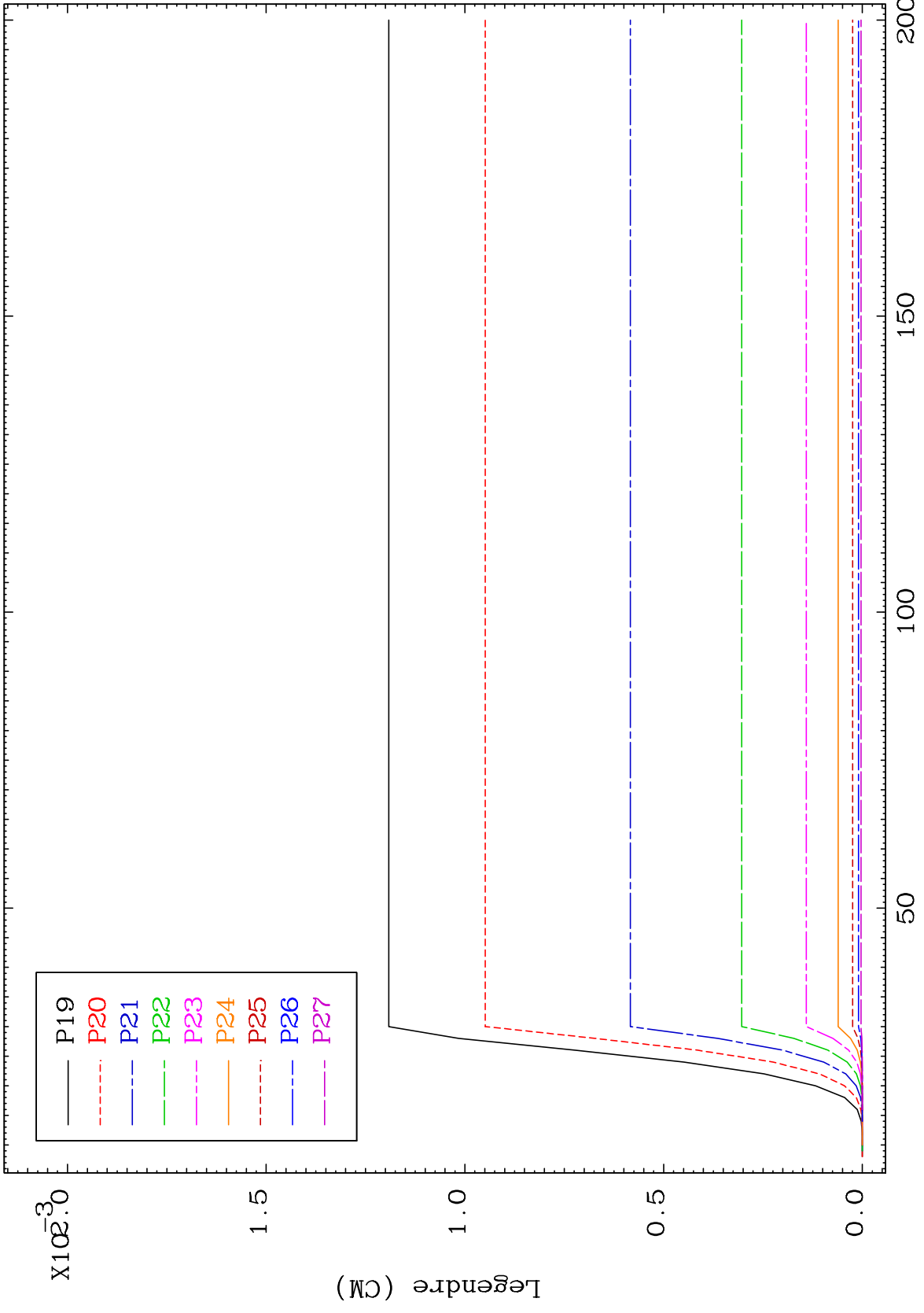
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



78

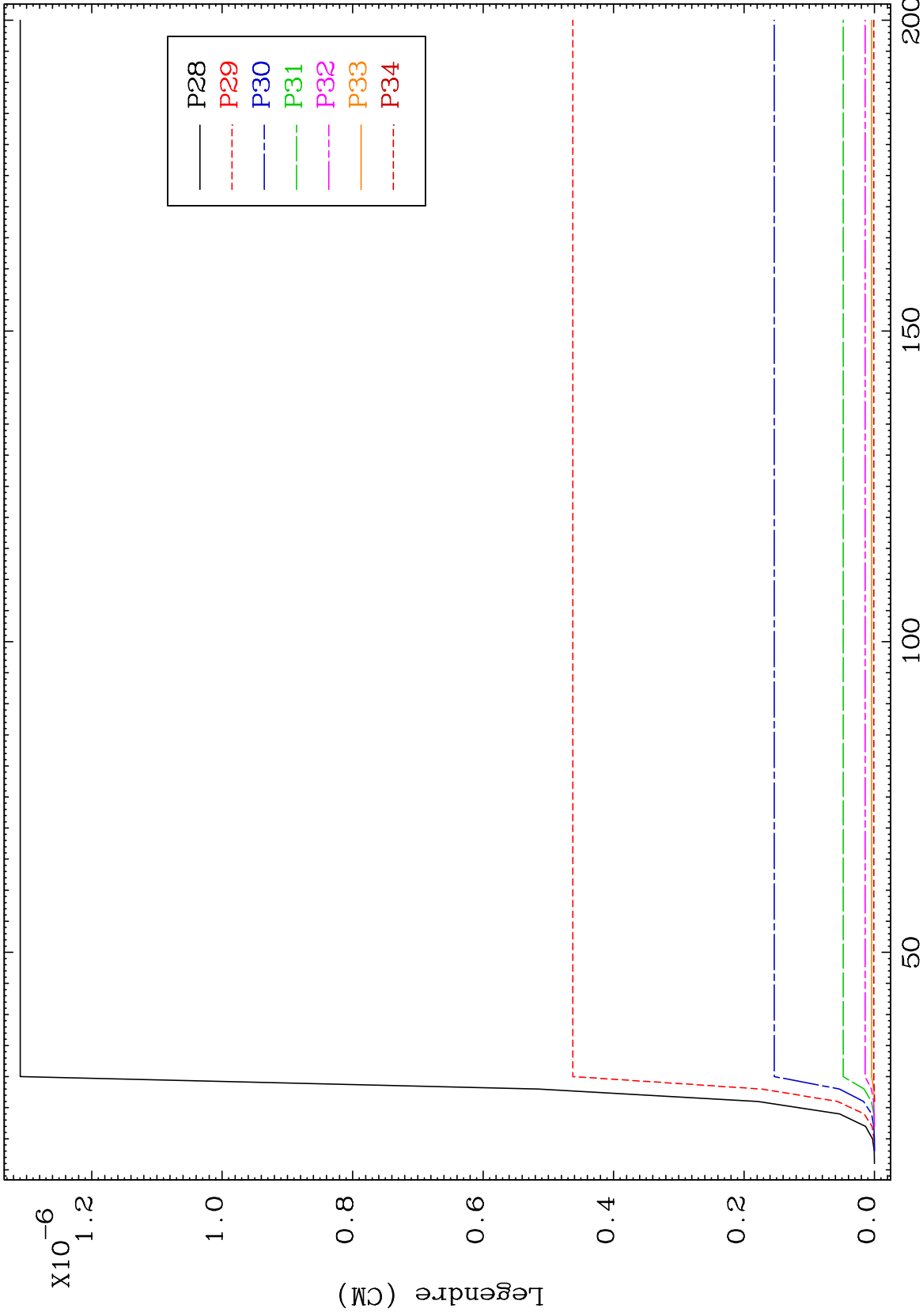
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



79

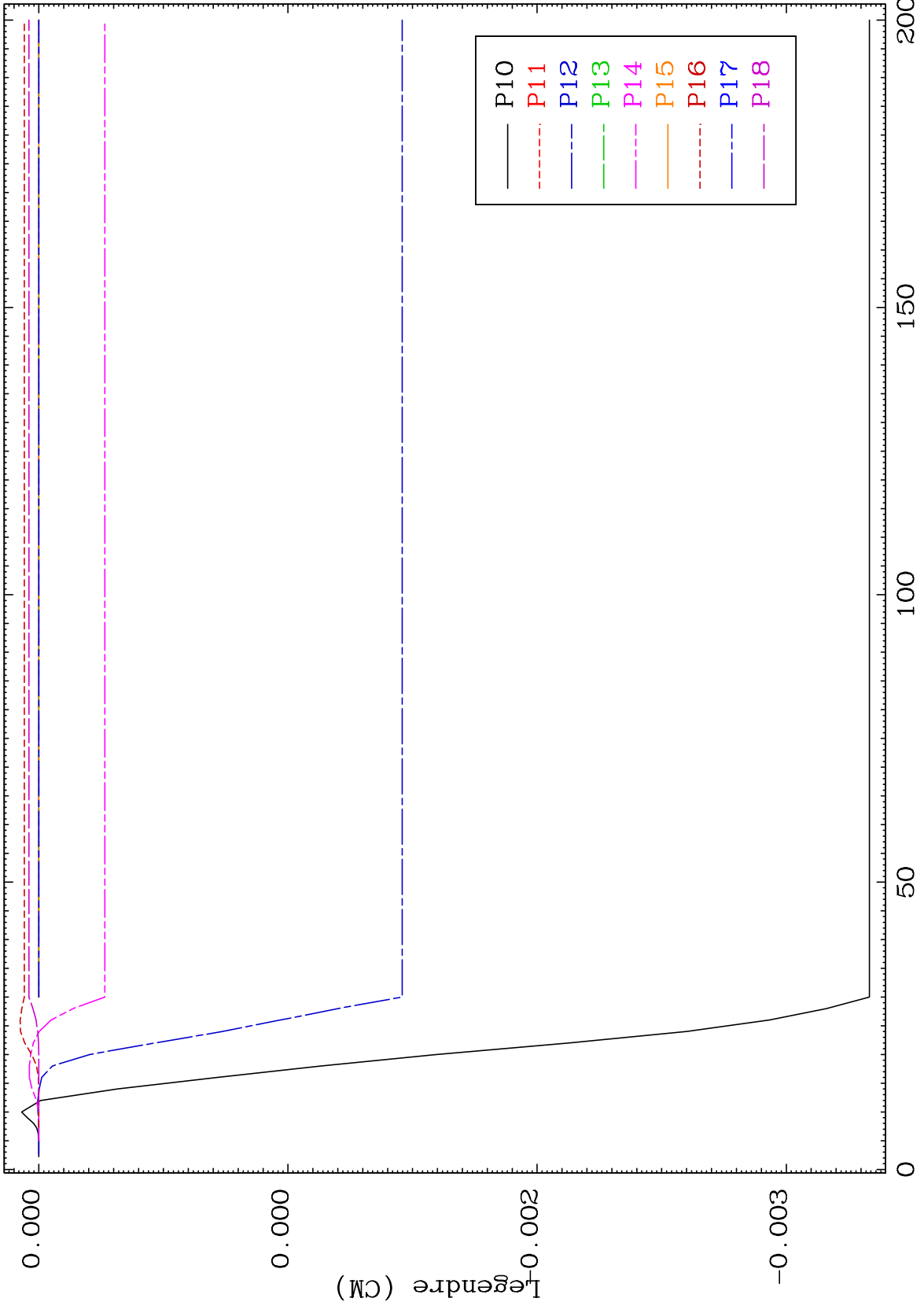
Incident Energy (MeV)

51-Sb-121





MAT 5125 MT= 68 (n,n') Level Legendre Coefficients 51-Sb-121

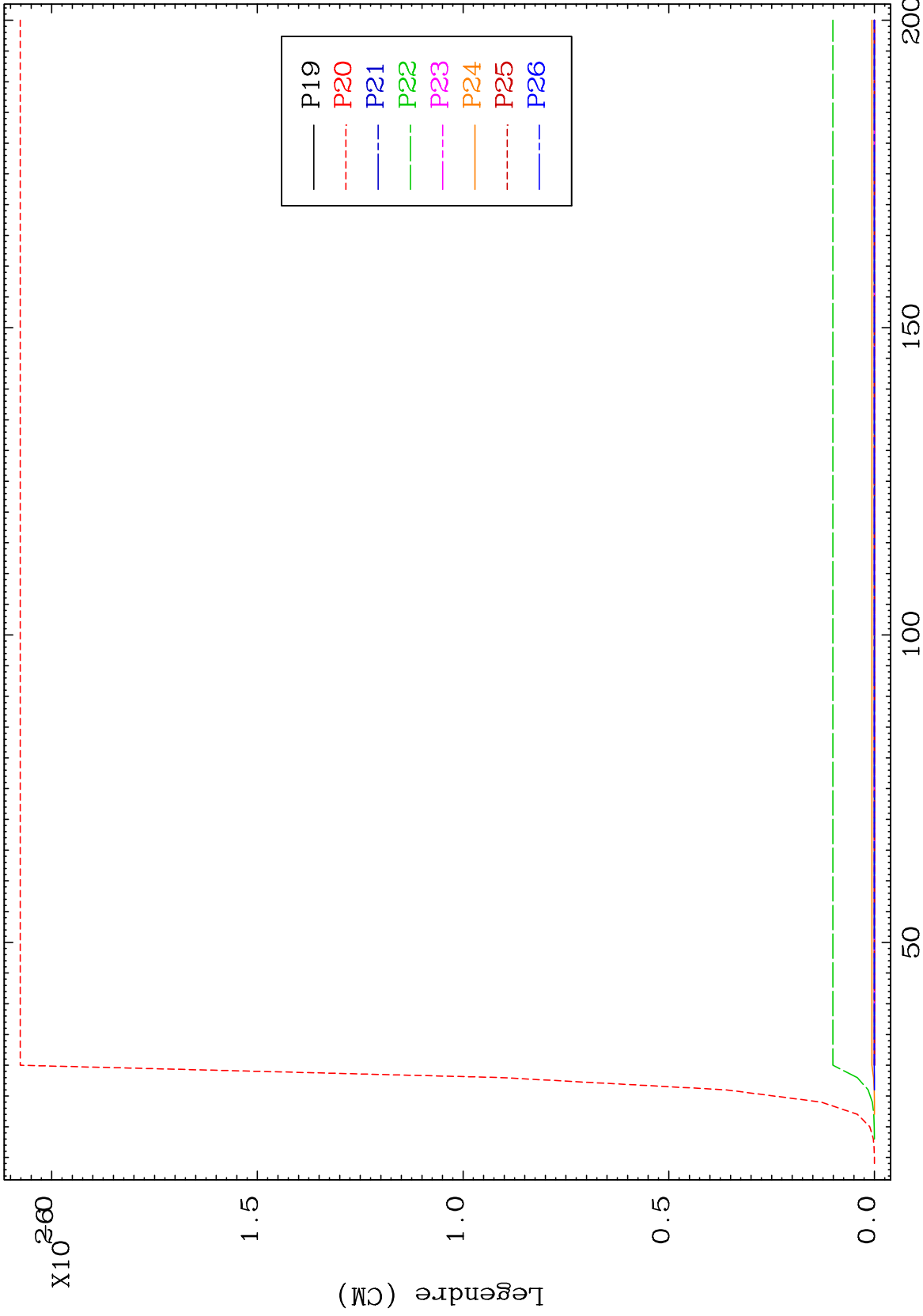


81 51-Sb-121

MAT 5125

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

51-Sb-121

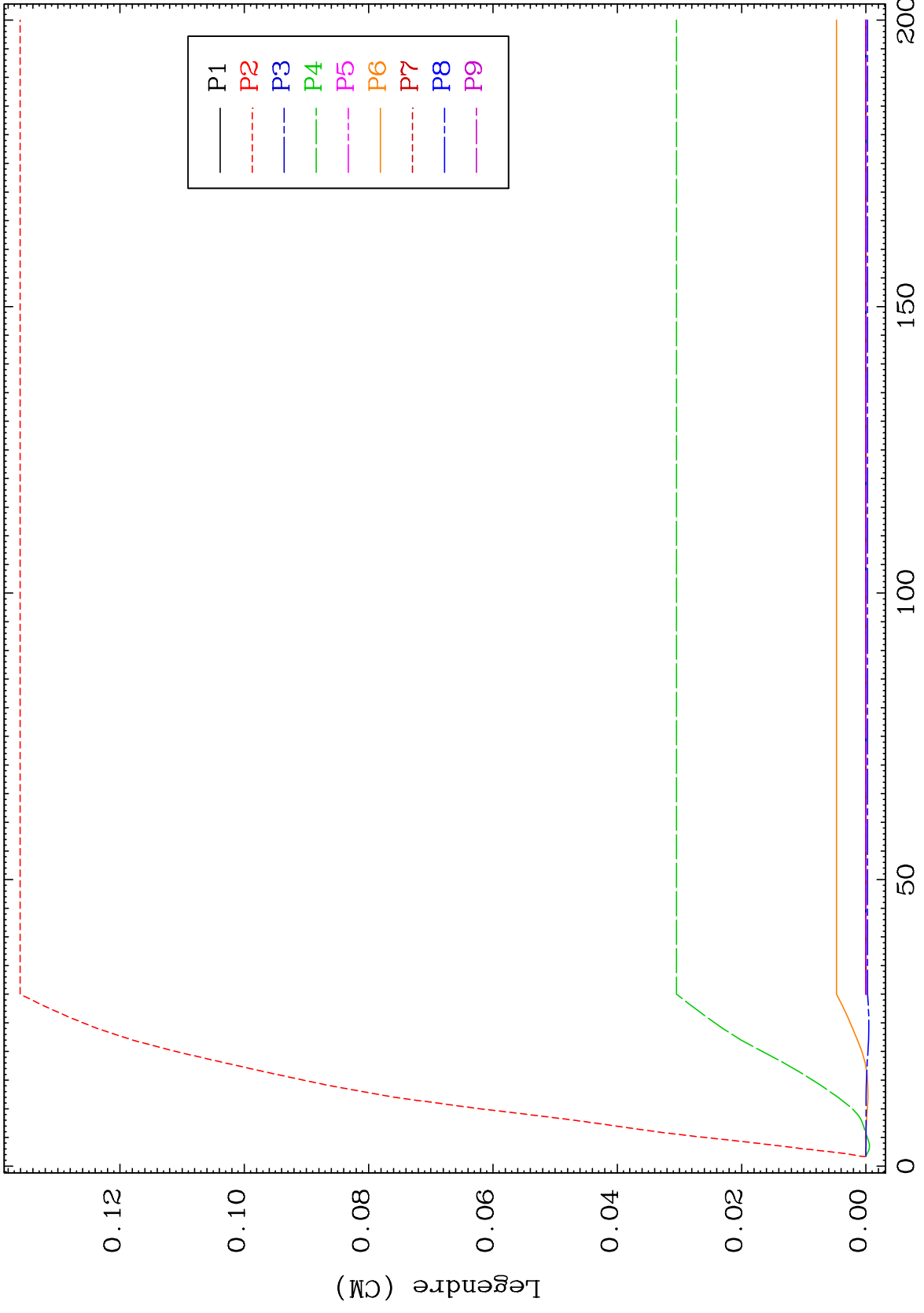


82

Incident Energy (MeV)

51-Sb-121

MAT 5125 MT= 69 (n,n') Level Legendre Coefficients 51-Sb-121

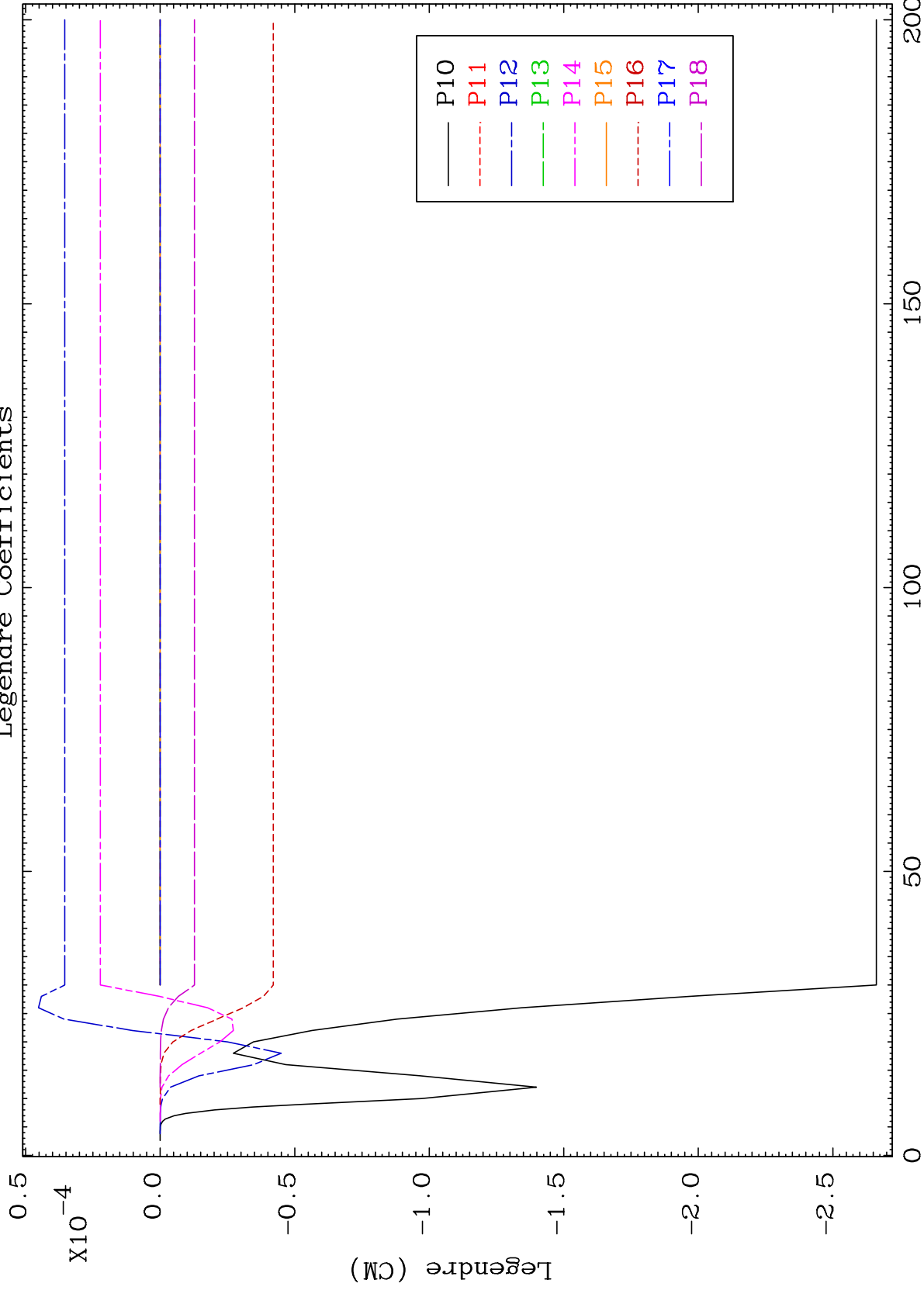


83 51-Sb-121

MAT 5125

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

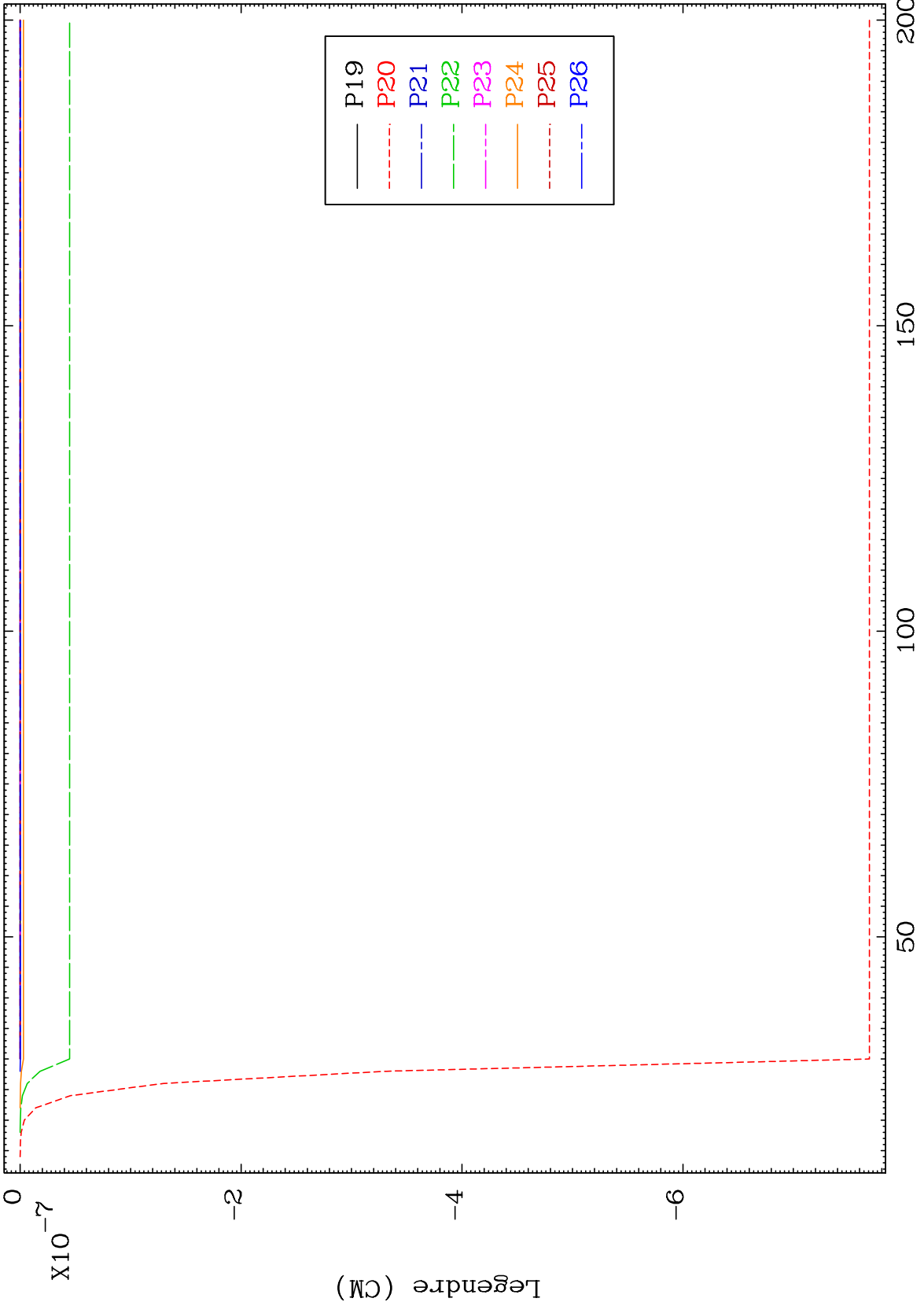
51-Sb-121



84

51-Sb-121

MAT 5125 MT= 69 (n,n') Level Legendre Coefficients 51-Sb-121



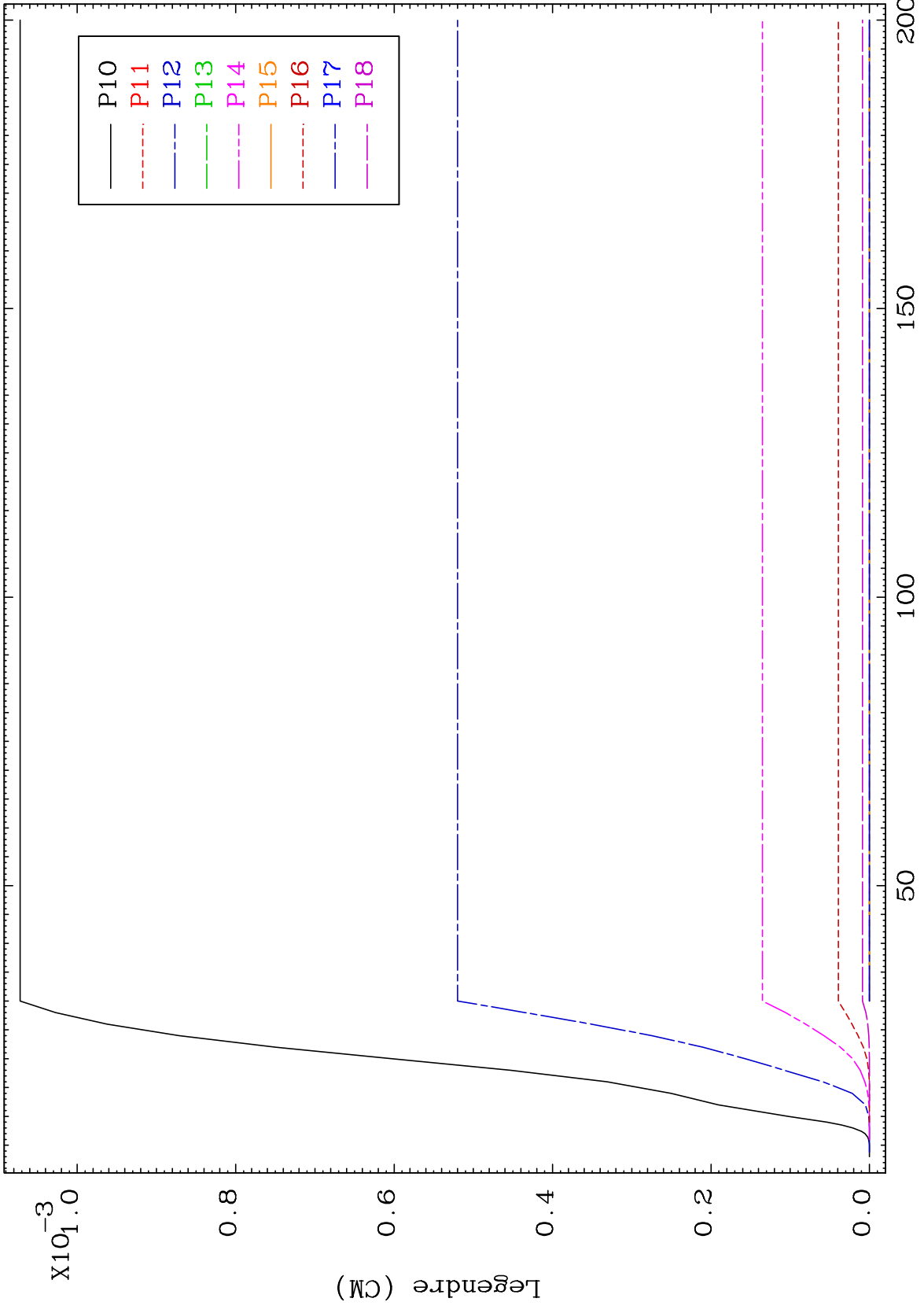
85 51-Sb-121



MAT 5125

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

51-Sb-121



87

Incident Energy (MeV)

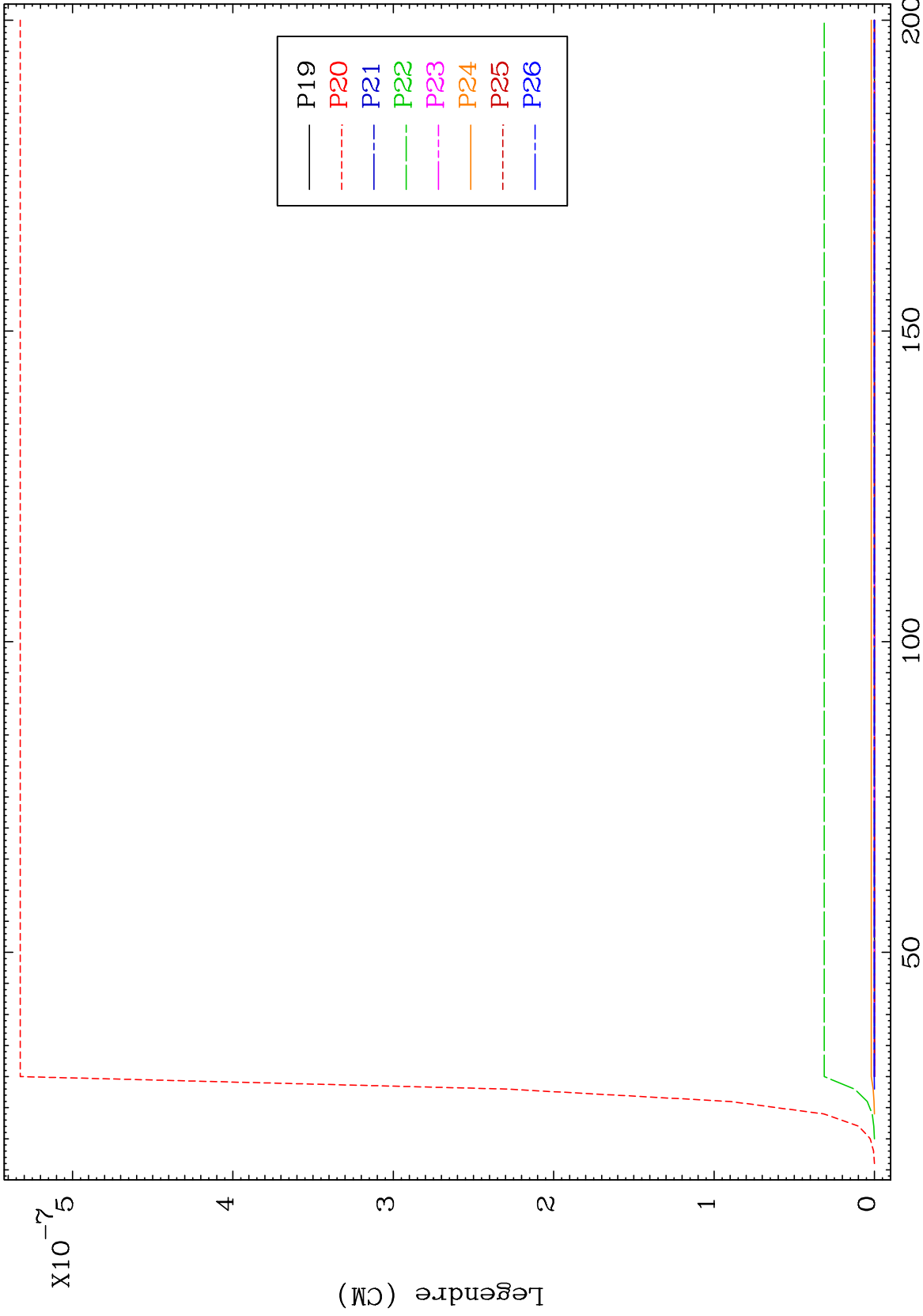
51-Sb-121



MAT 5125

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

51-Sb-121



88

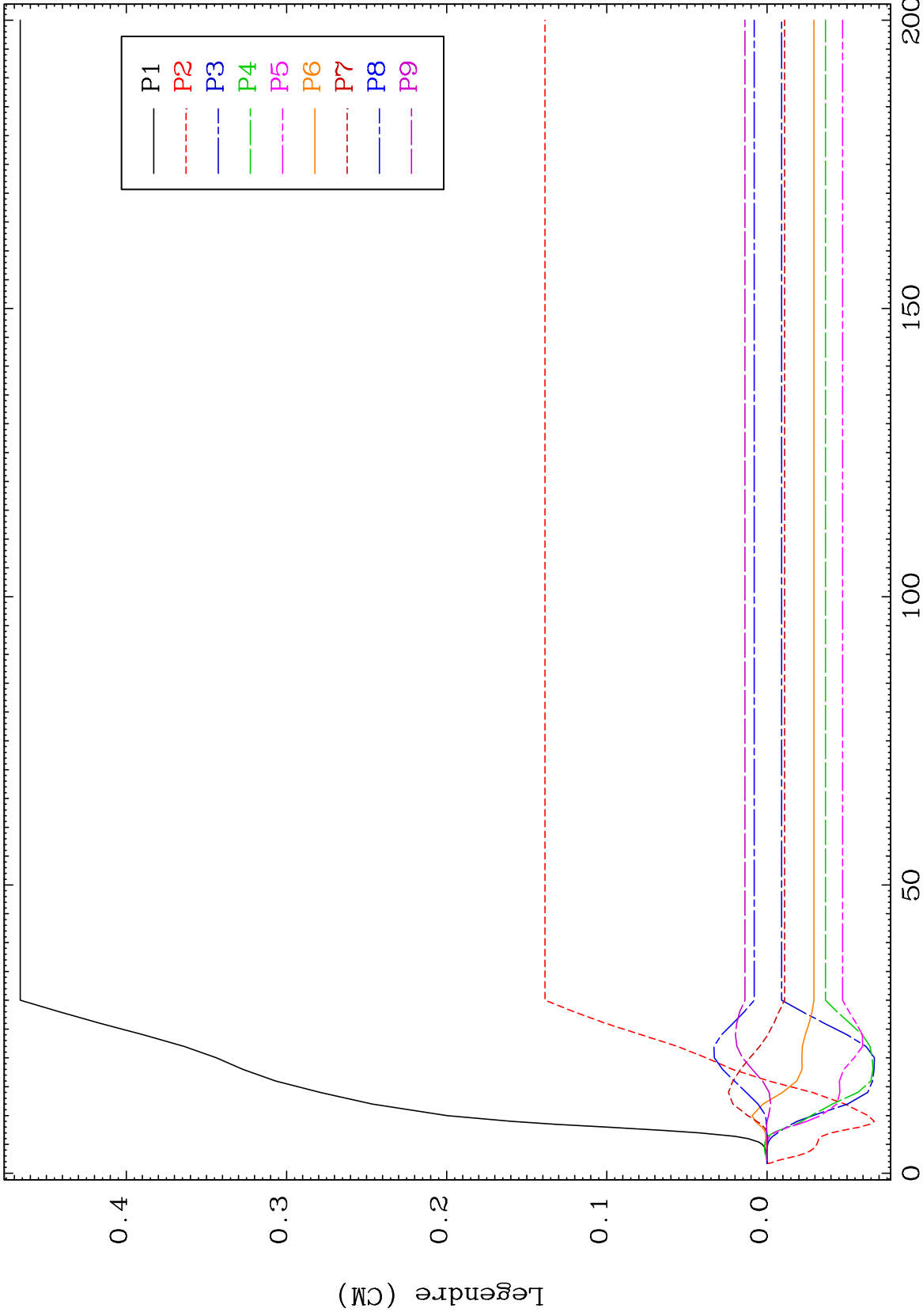
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



89

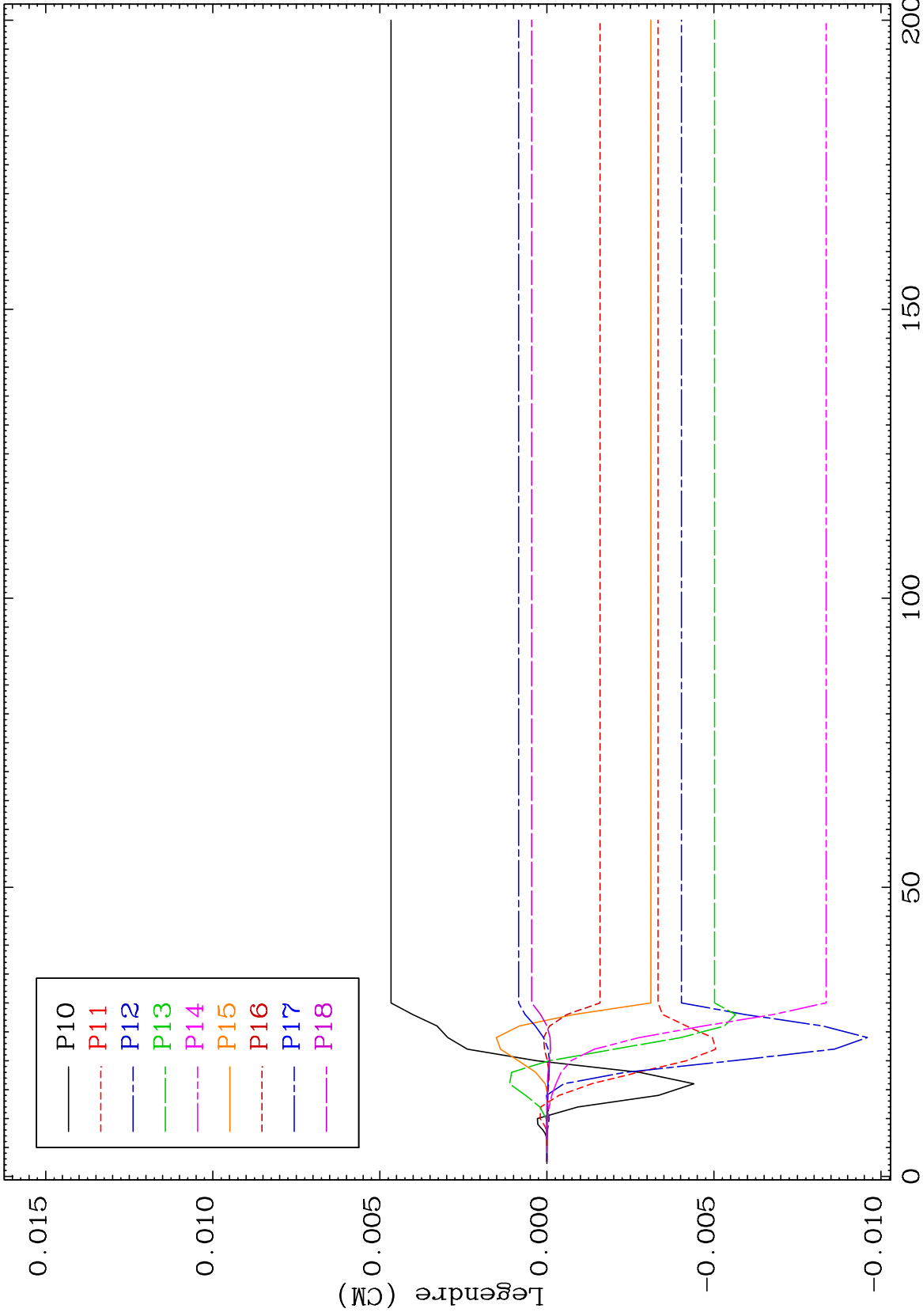
51-Sb-121

51-Sb-121

MAT 5125

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

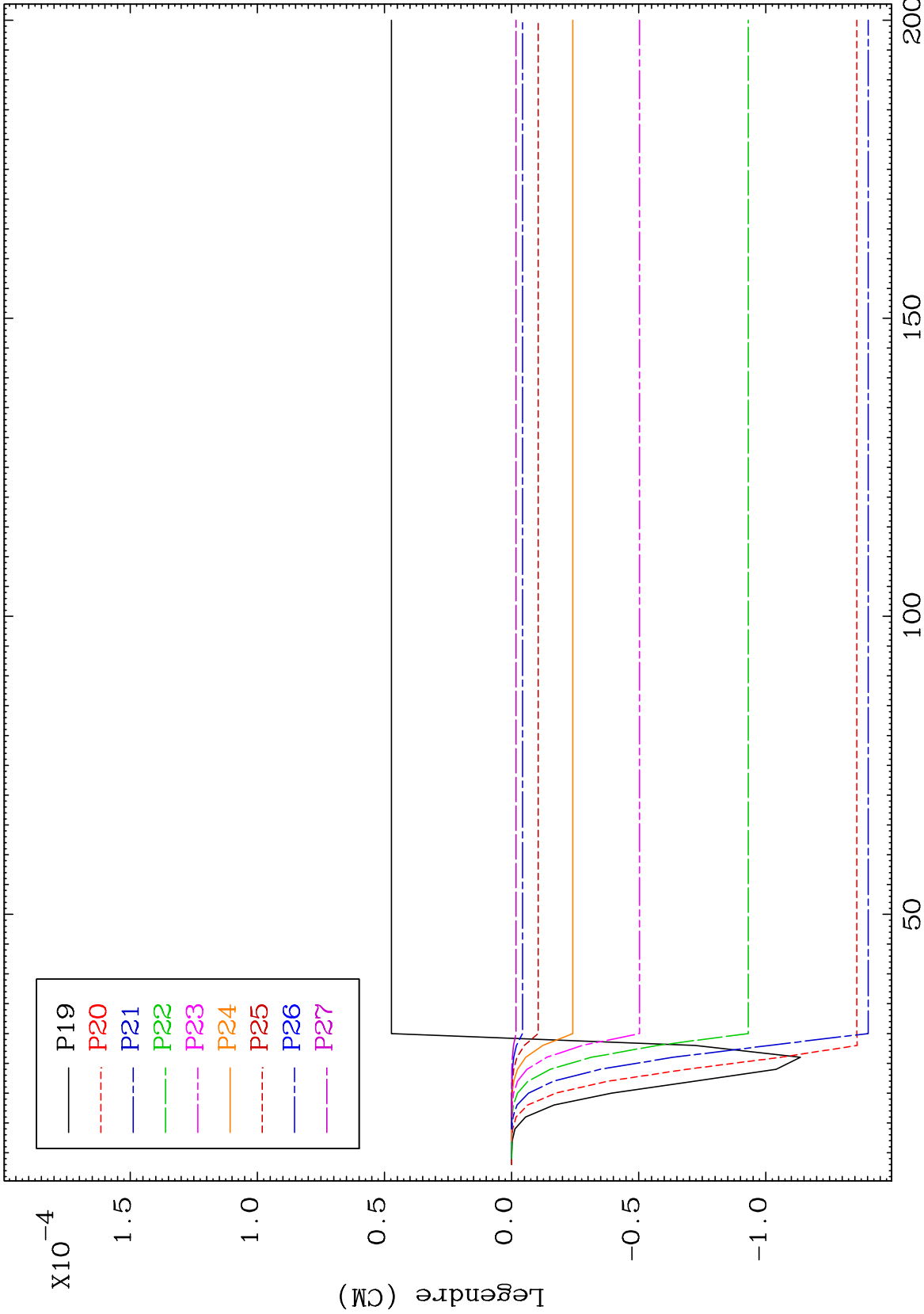
51-Sb-121



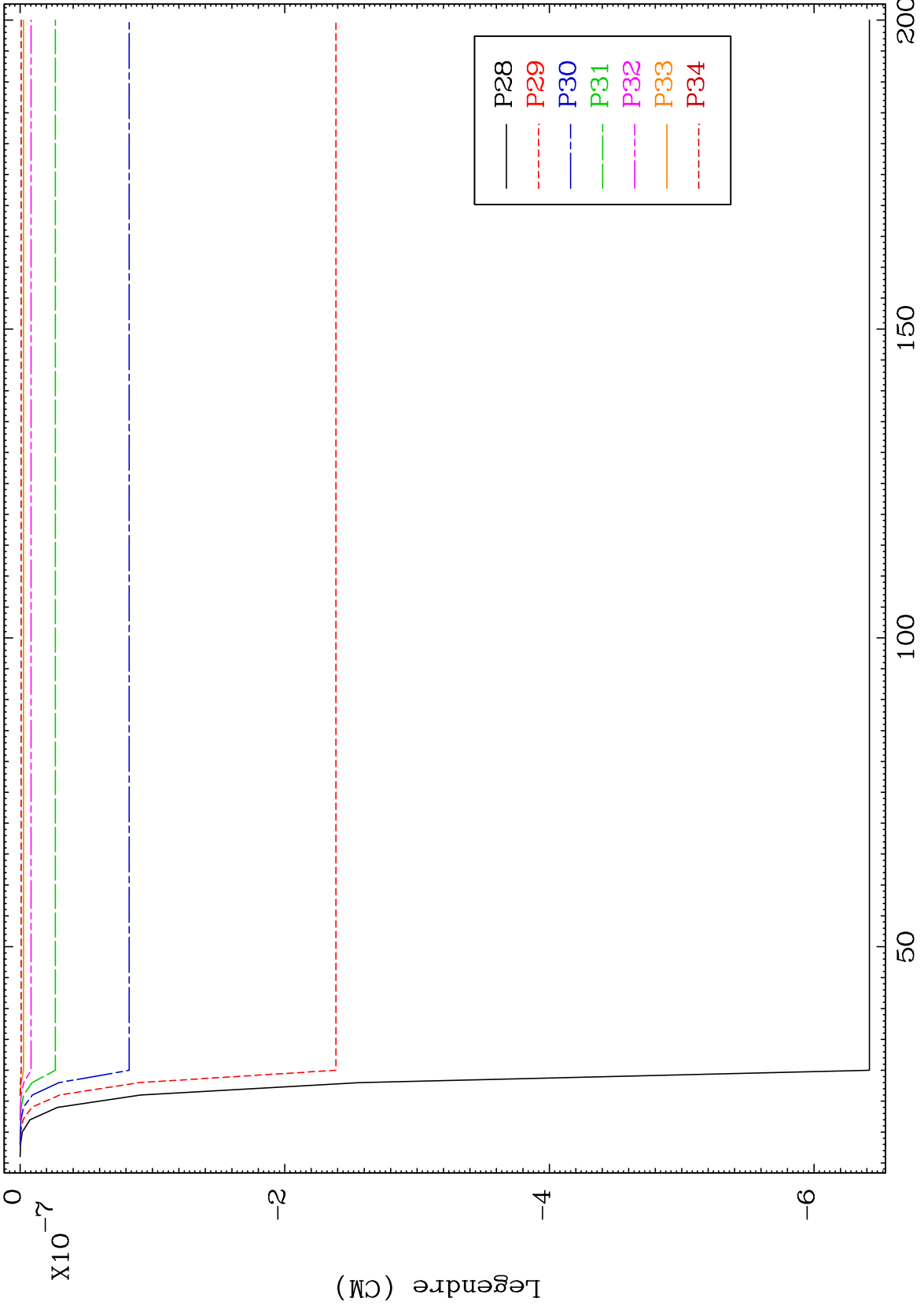
90

Incident Energy (MeV)

51-Sb-121

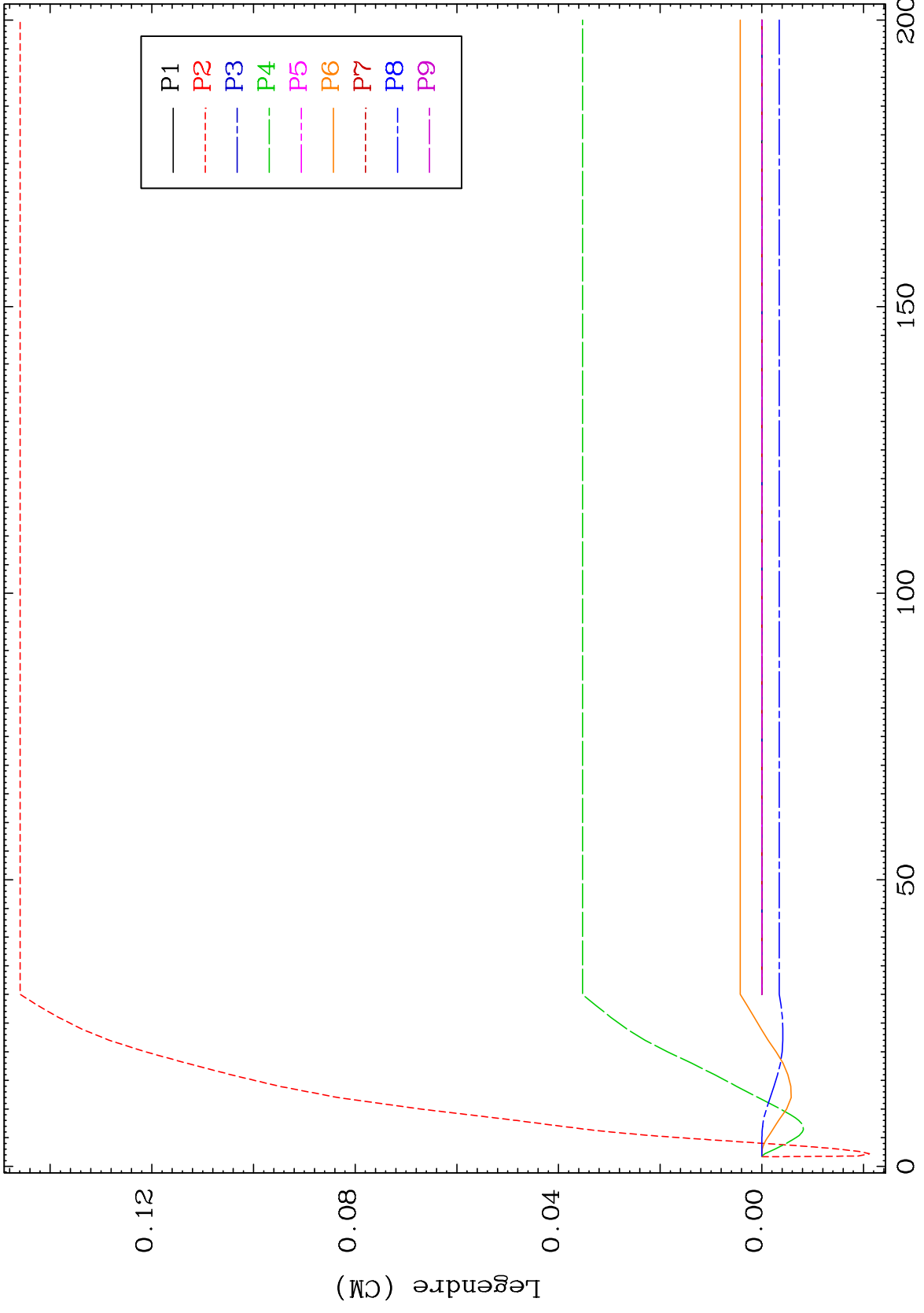


MAT 5125 MT= 71 (n,n') Level Legendre Coefficients 51-Sb-121



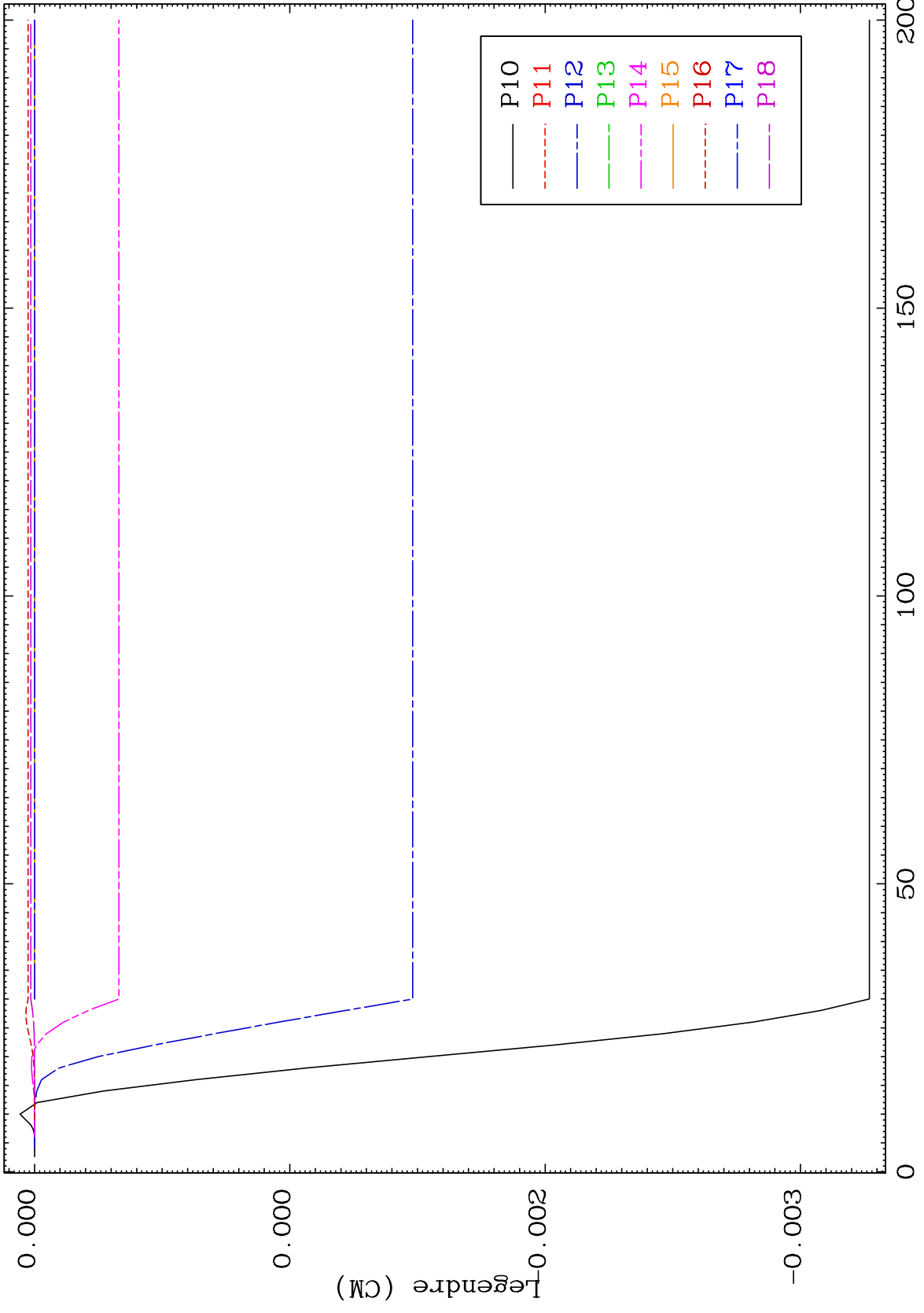
92 51-Sb-121

MAT 5125 MT= 72 (n,n') Level Legendre Coefficients 51-Sb-121



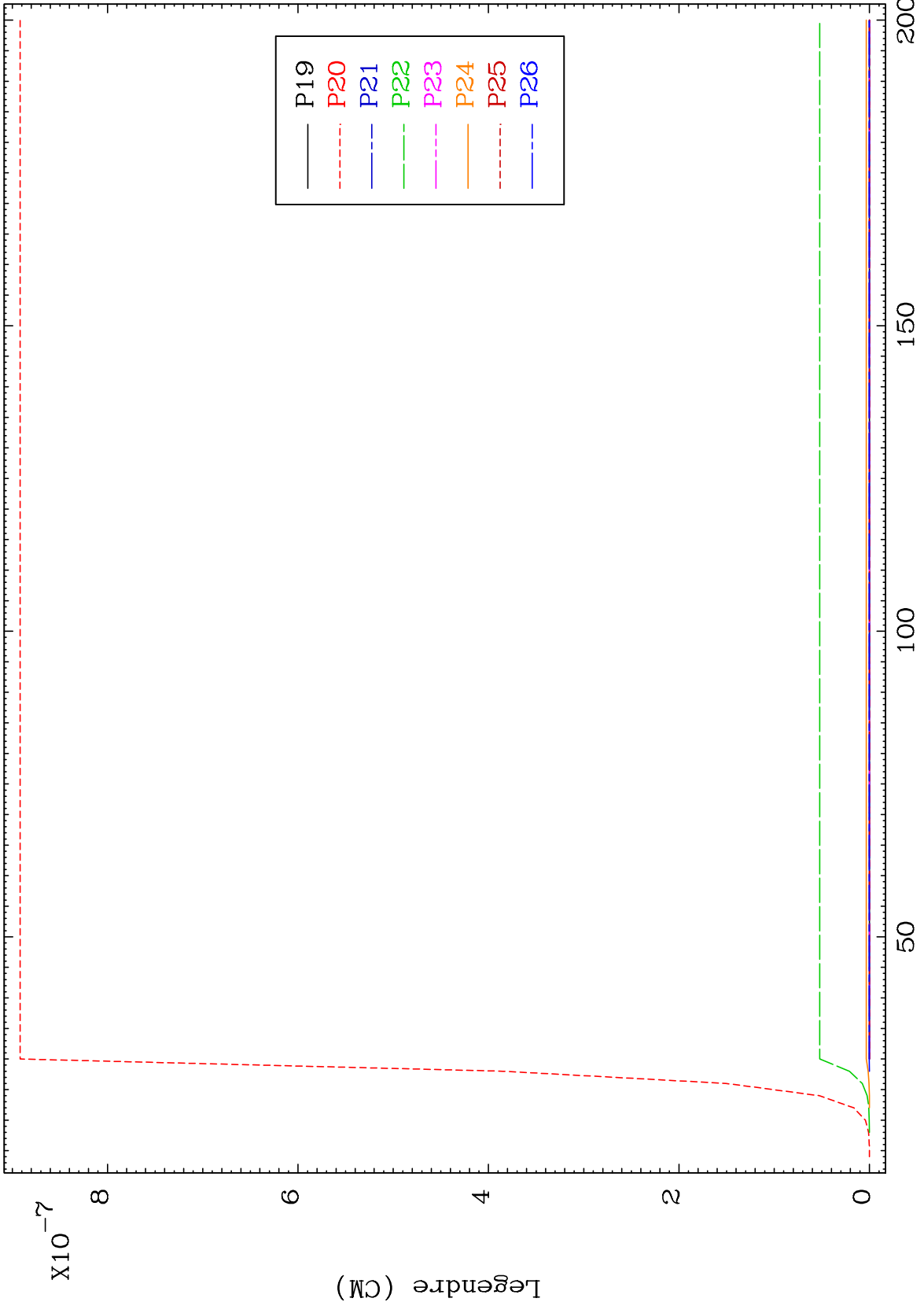
93 51-Sb-121

MAT 5125 MT= 72 (n,n') Level Legendre Coefficients 51-Sb-121



94 51-Sb-121

MAT 5125 MT= 72 (n,n') Level Legendre Coefficients 51-Sb-121



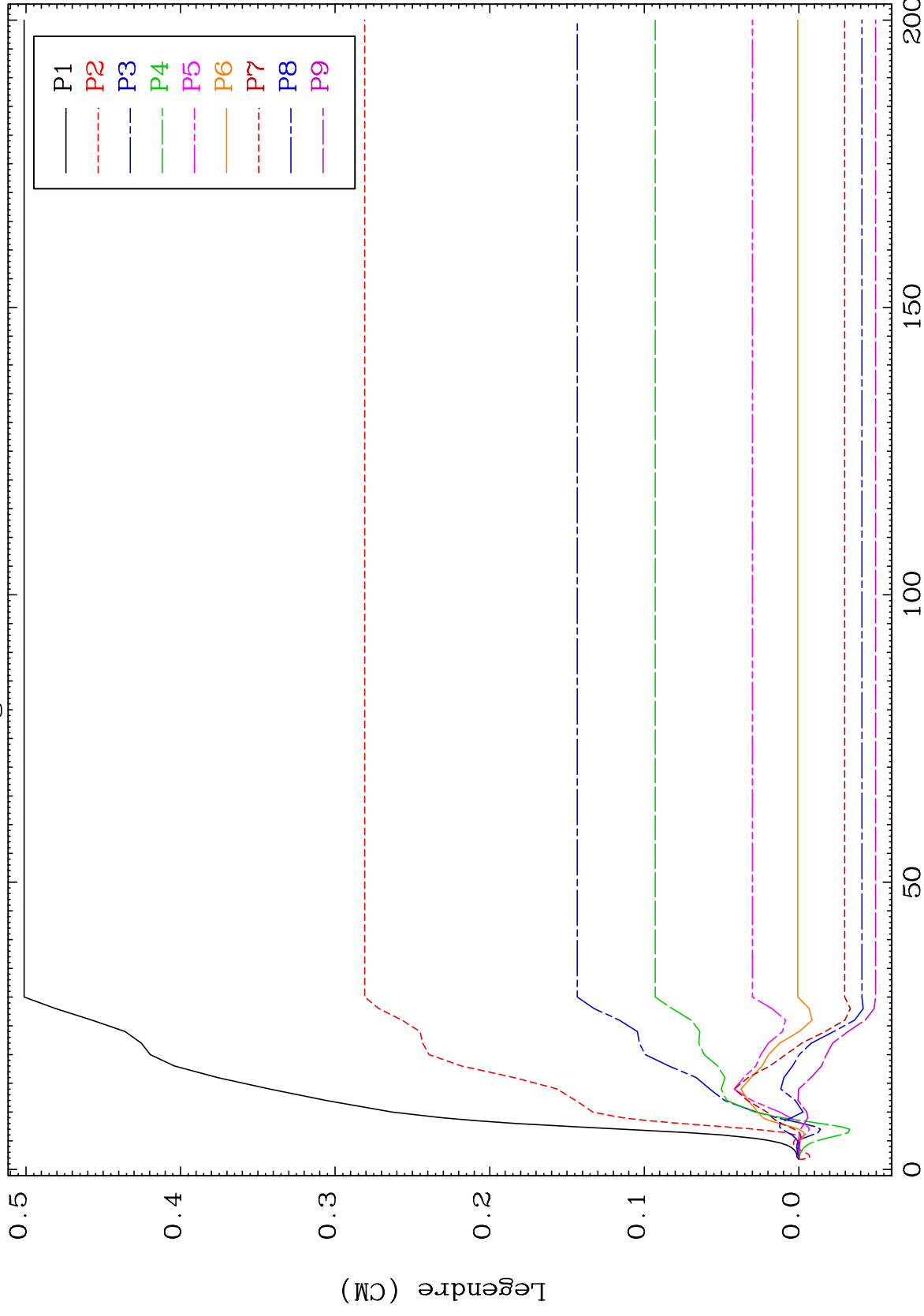
95 50 100 150 200 Incident Energy (MeV) 51-Sb-121



MAT 5125

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

51-Sb-121



96

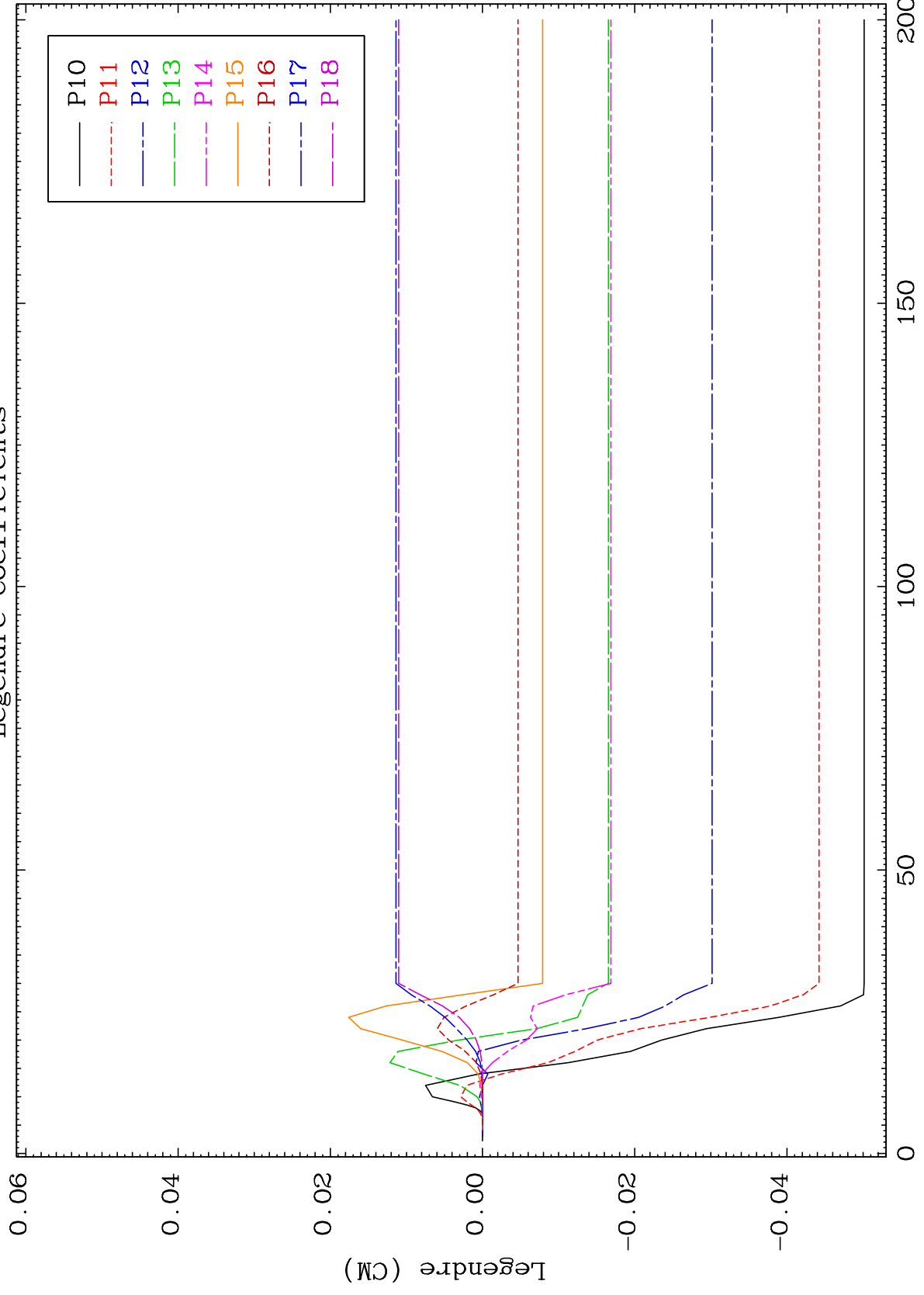
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



97

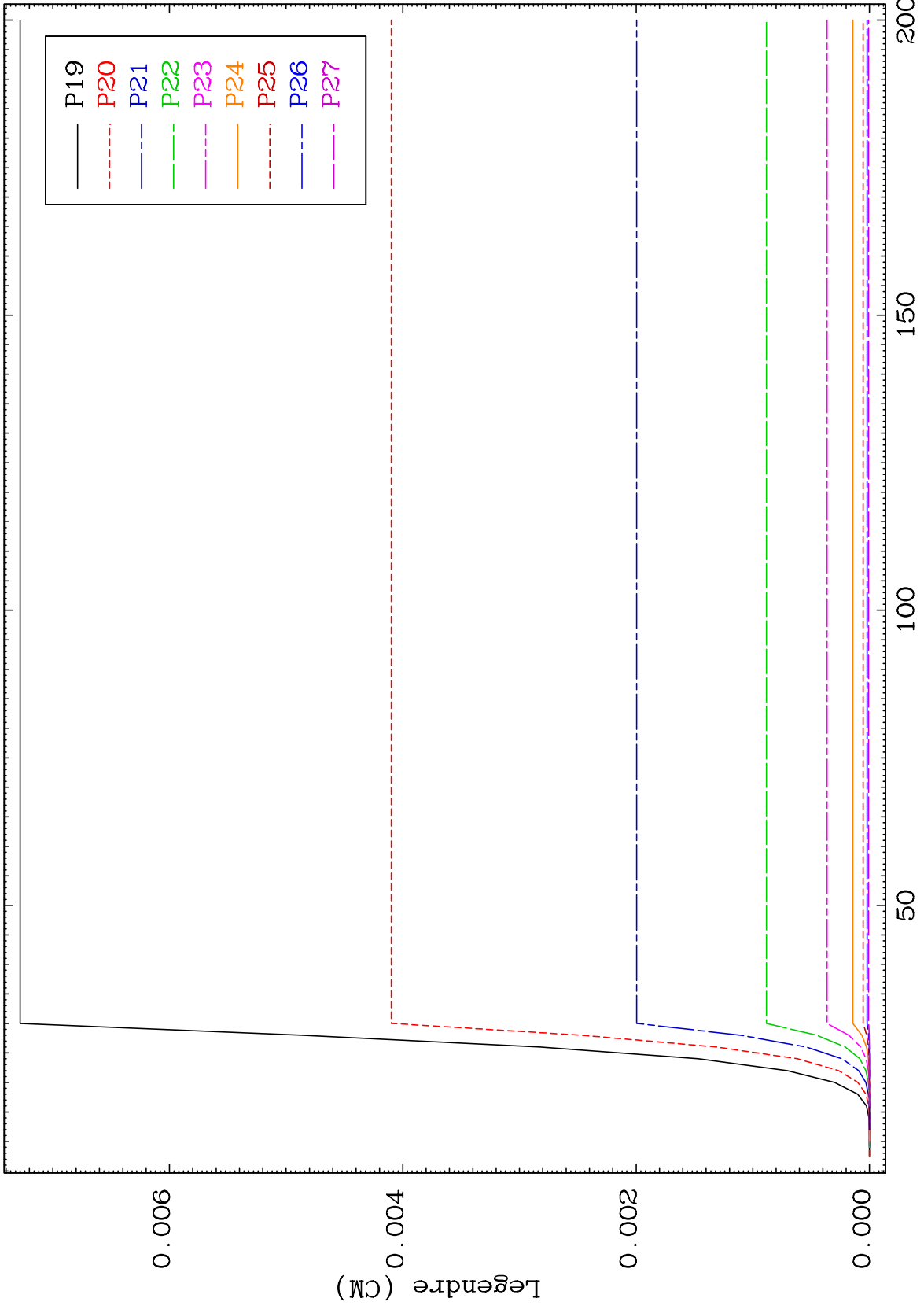
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



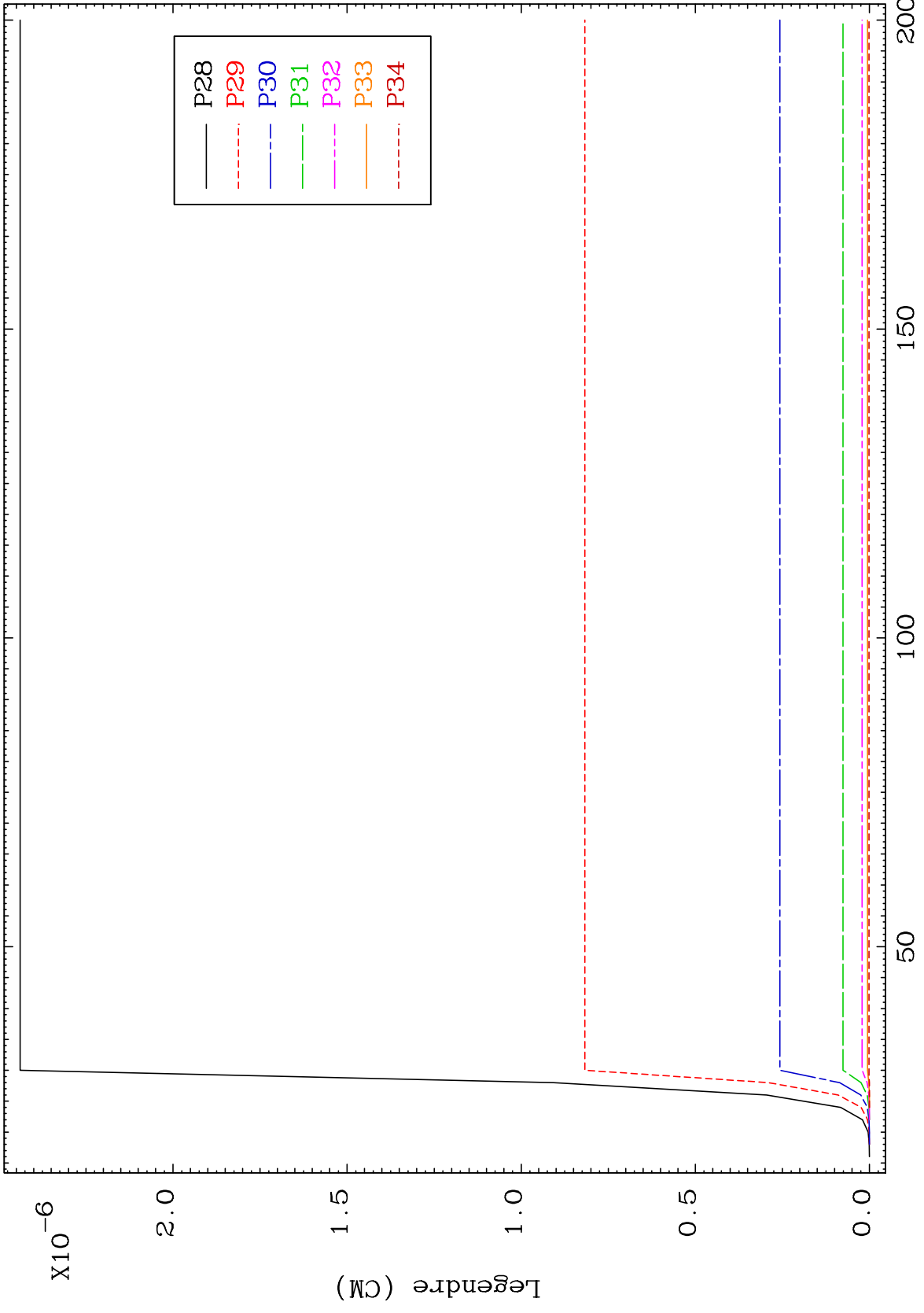
98

51-Sb-121

MAT 5125

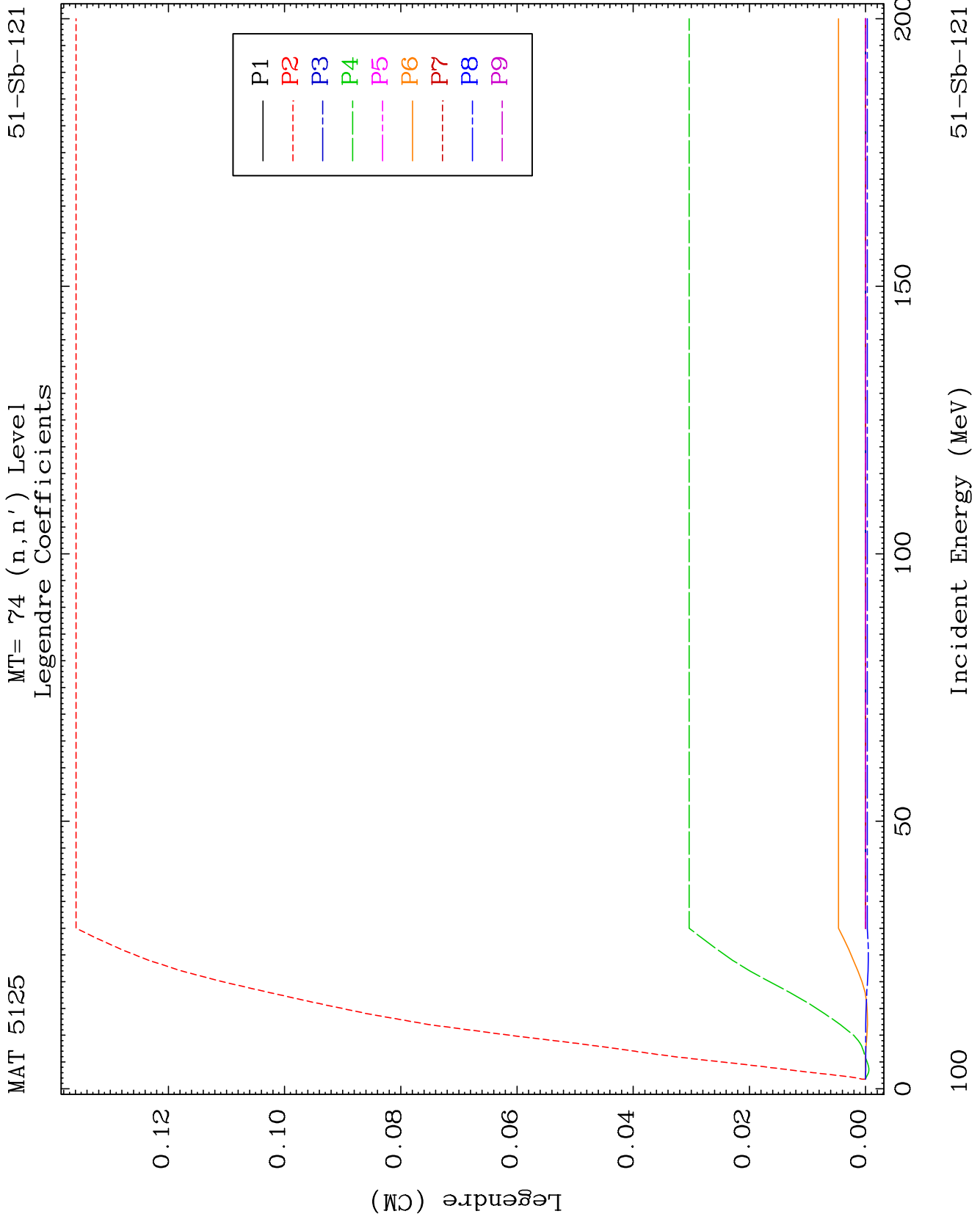
MT= 73 (n,n') Level  
Legendre Coefficients

51-Sb-121



99

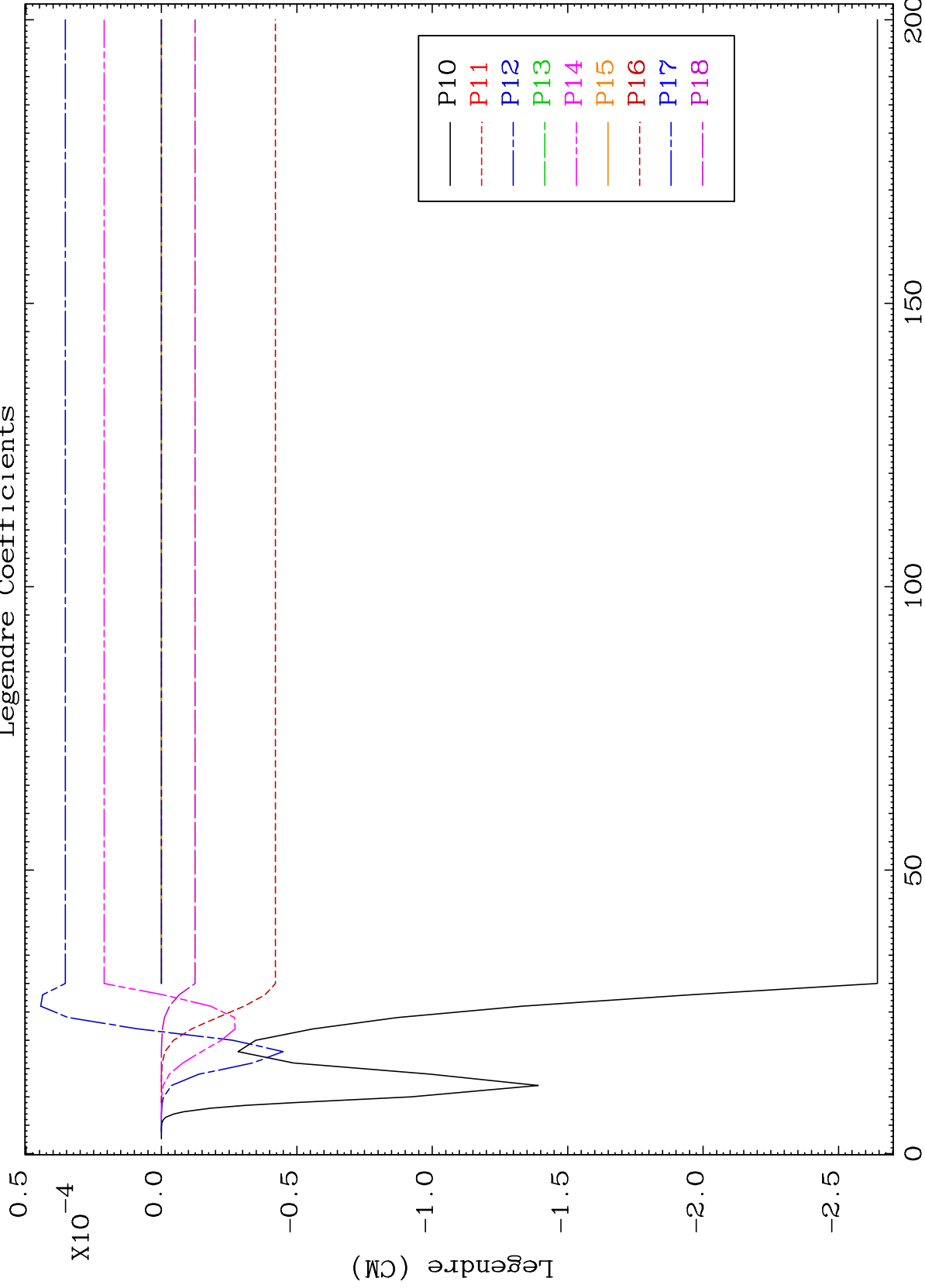
51-Sb-121



MAT 5125

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

51-Sb-121



101

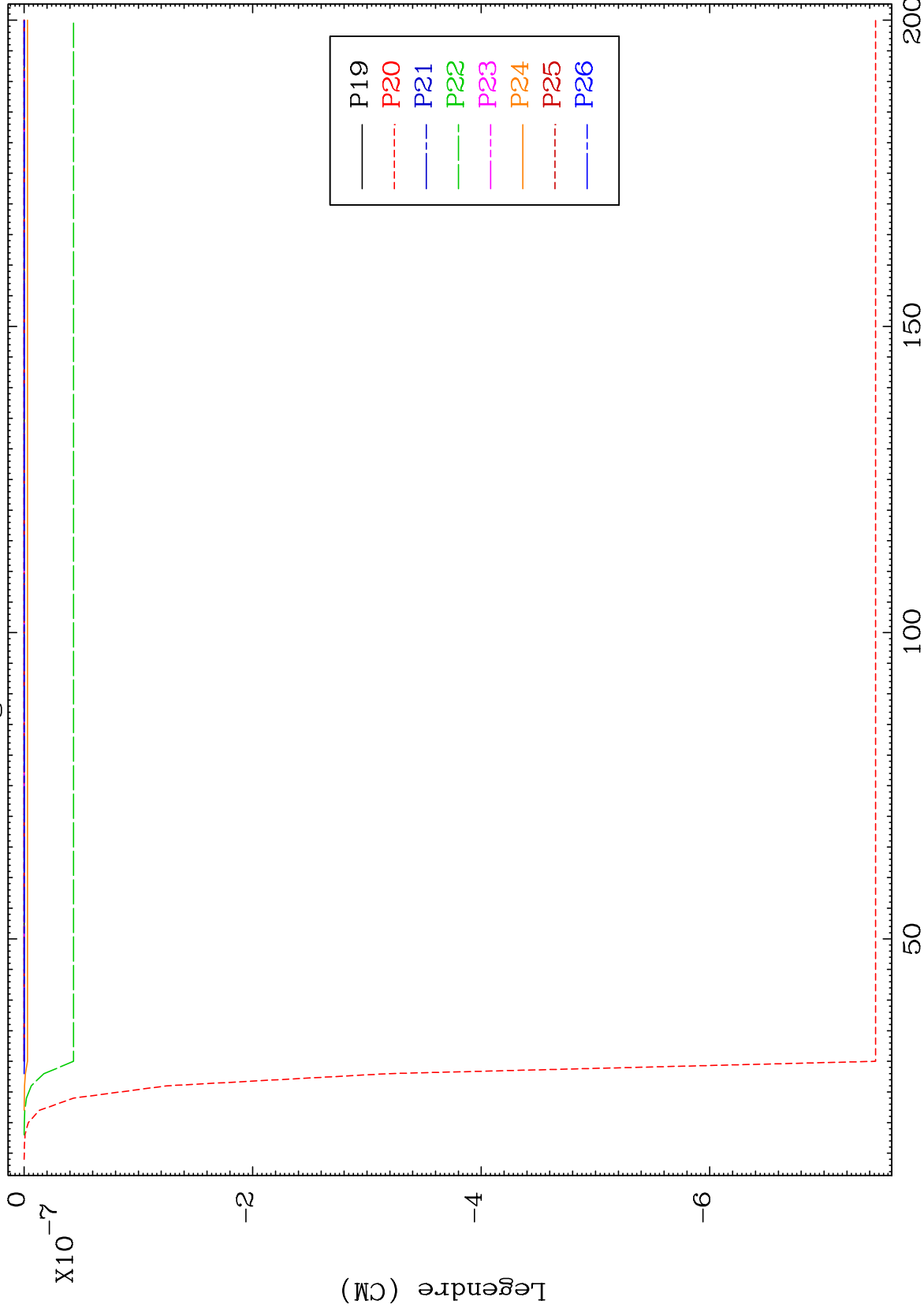
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

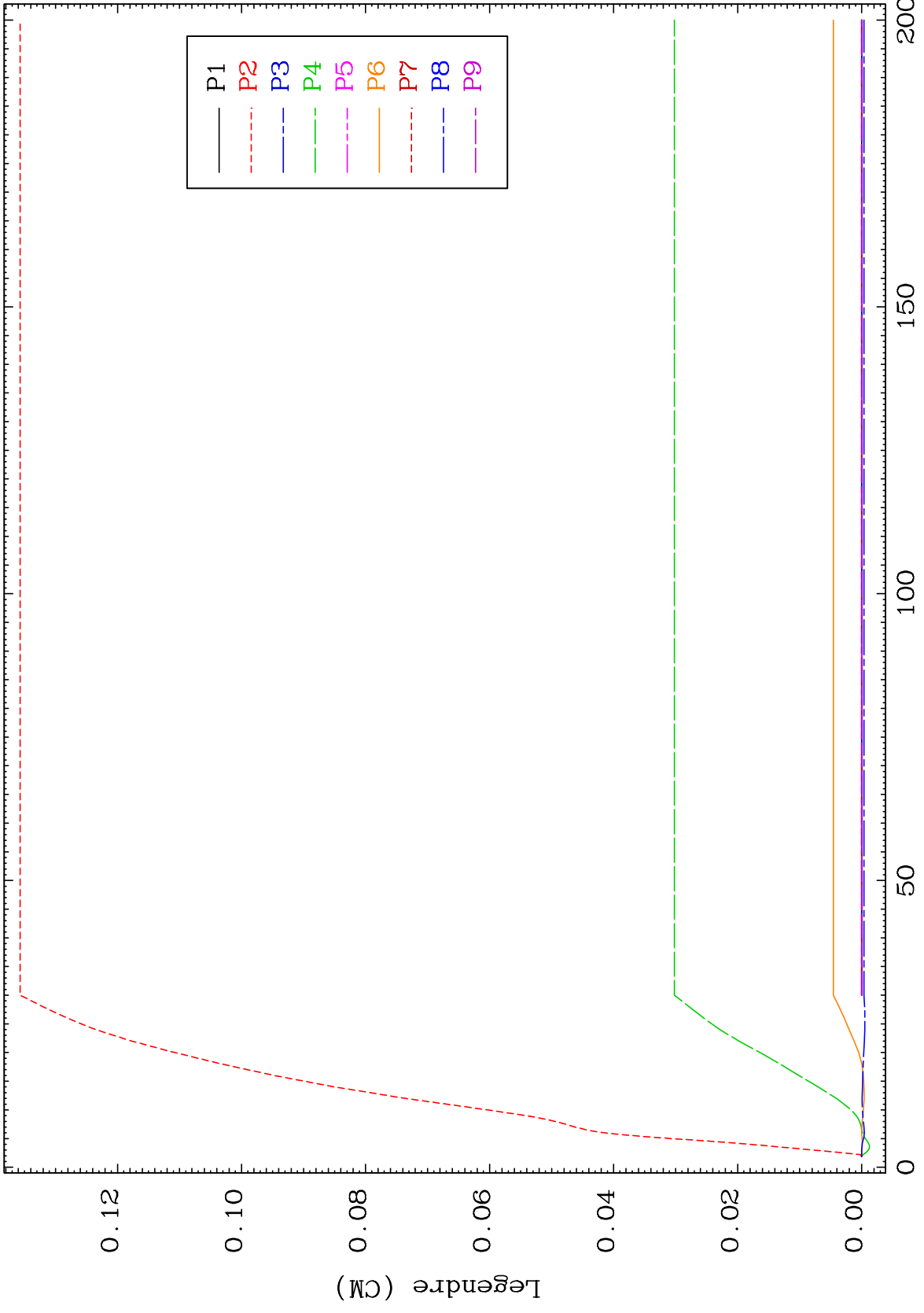
51-Sb-121



102

51-Sb-121

MAT 5125 MT= 75 (n,n') Level Legendre Coefficients 51-Sb-121



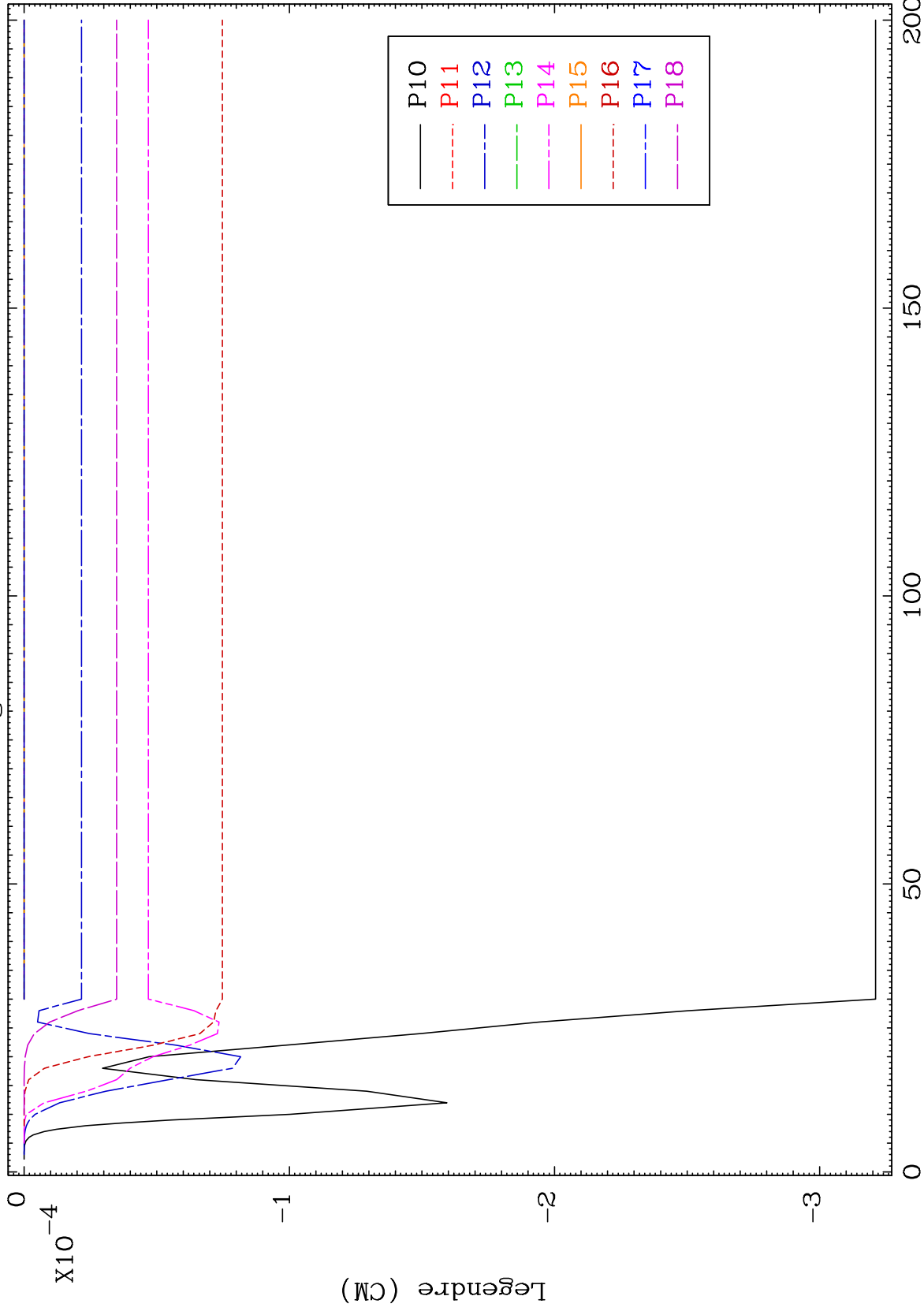
103 Incident Energy (MeV) 51-Sb-121



MAT 5125

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

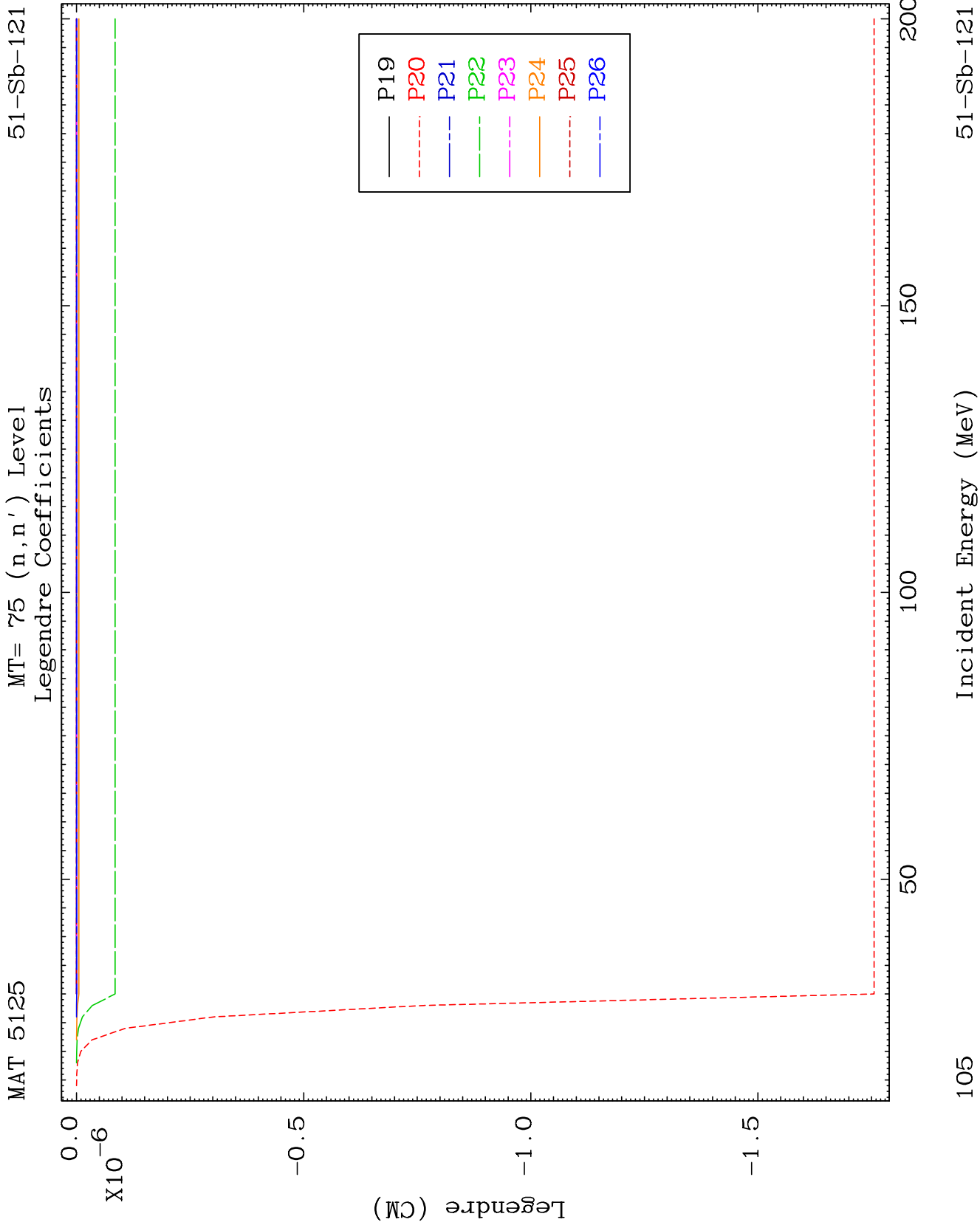
51-Sb-121

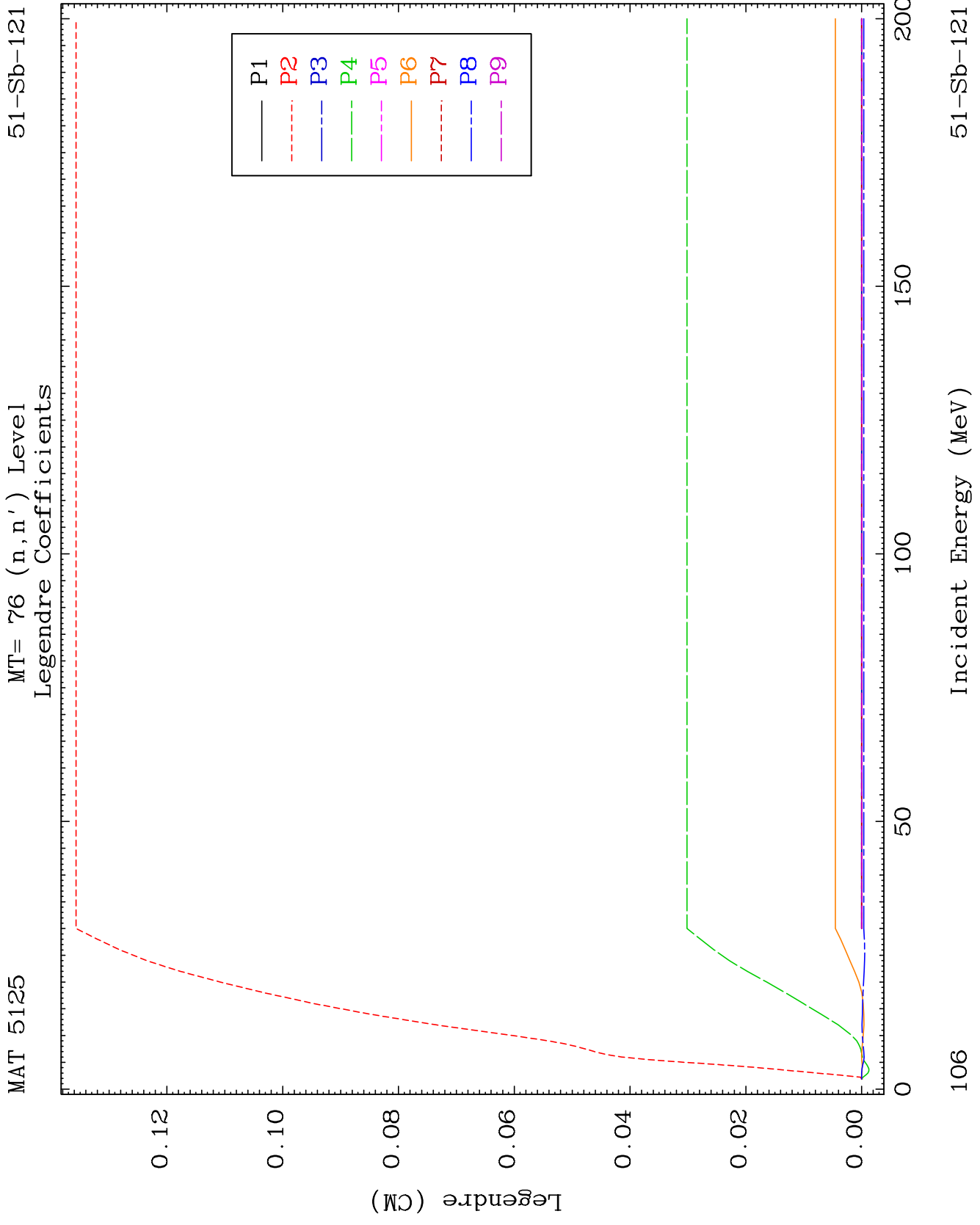


104

Incident Energy (MeV)

51-Sb-121

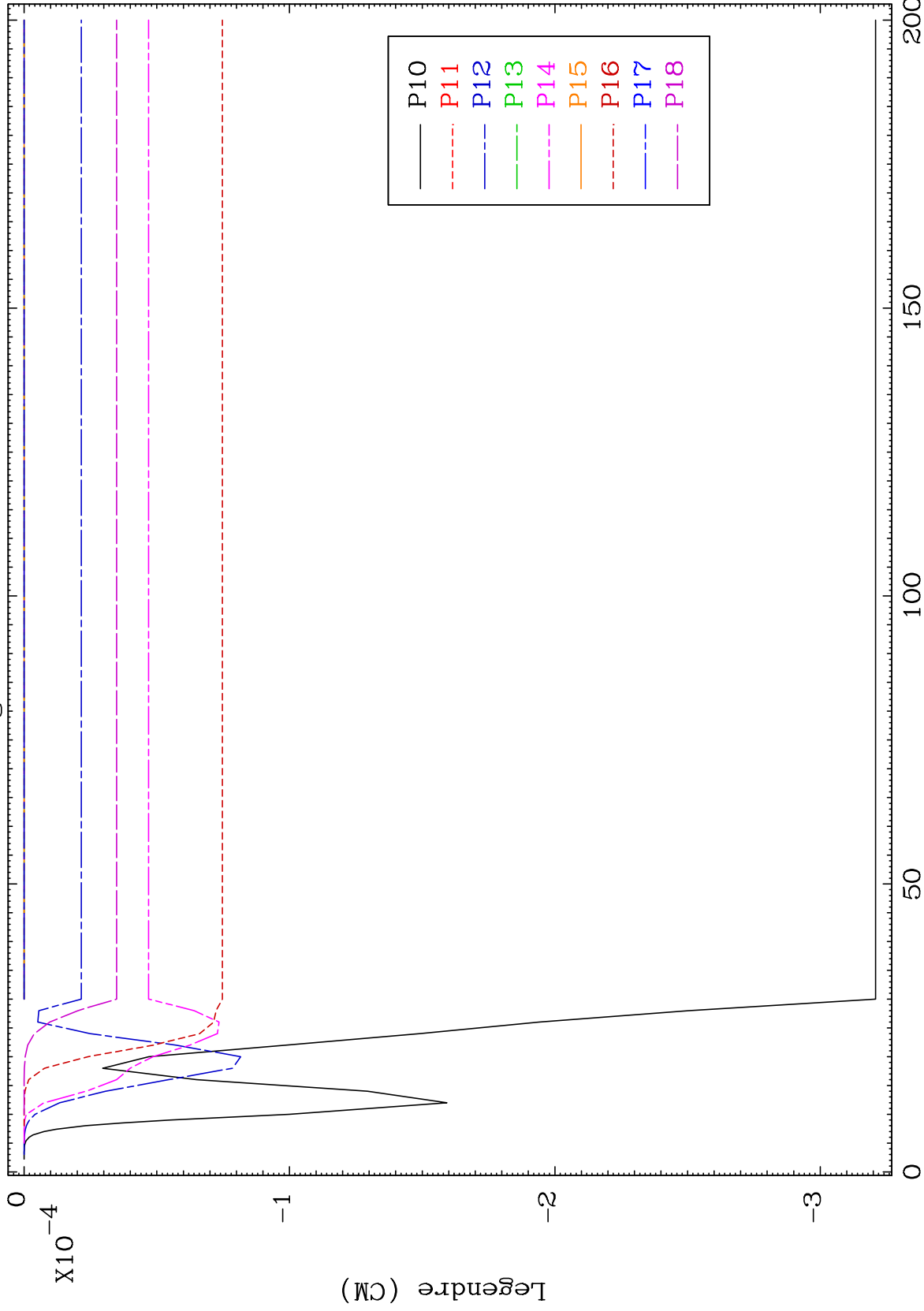




MAT 5125

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

51-Sb-121



107

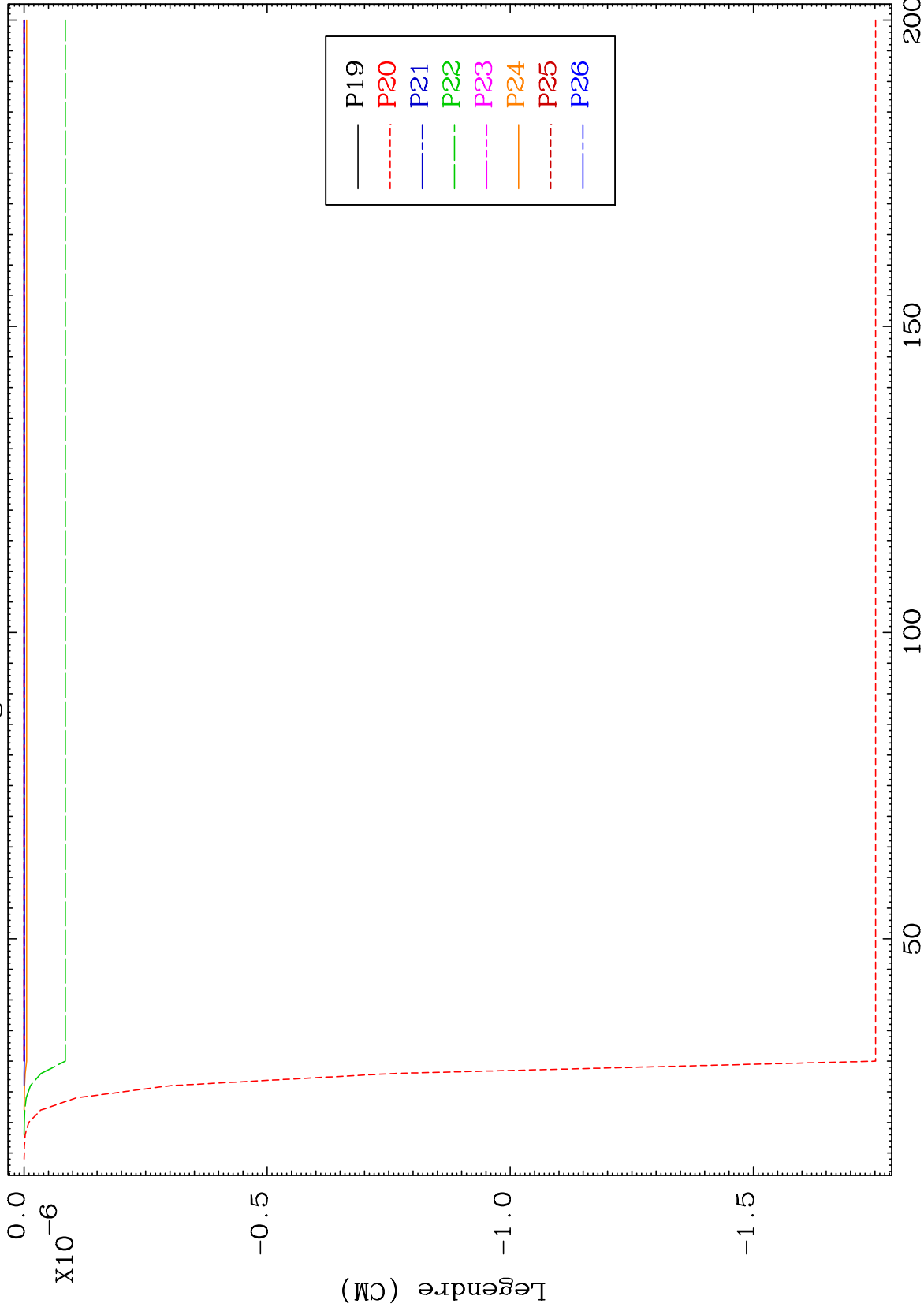
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



108

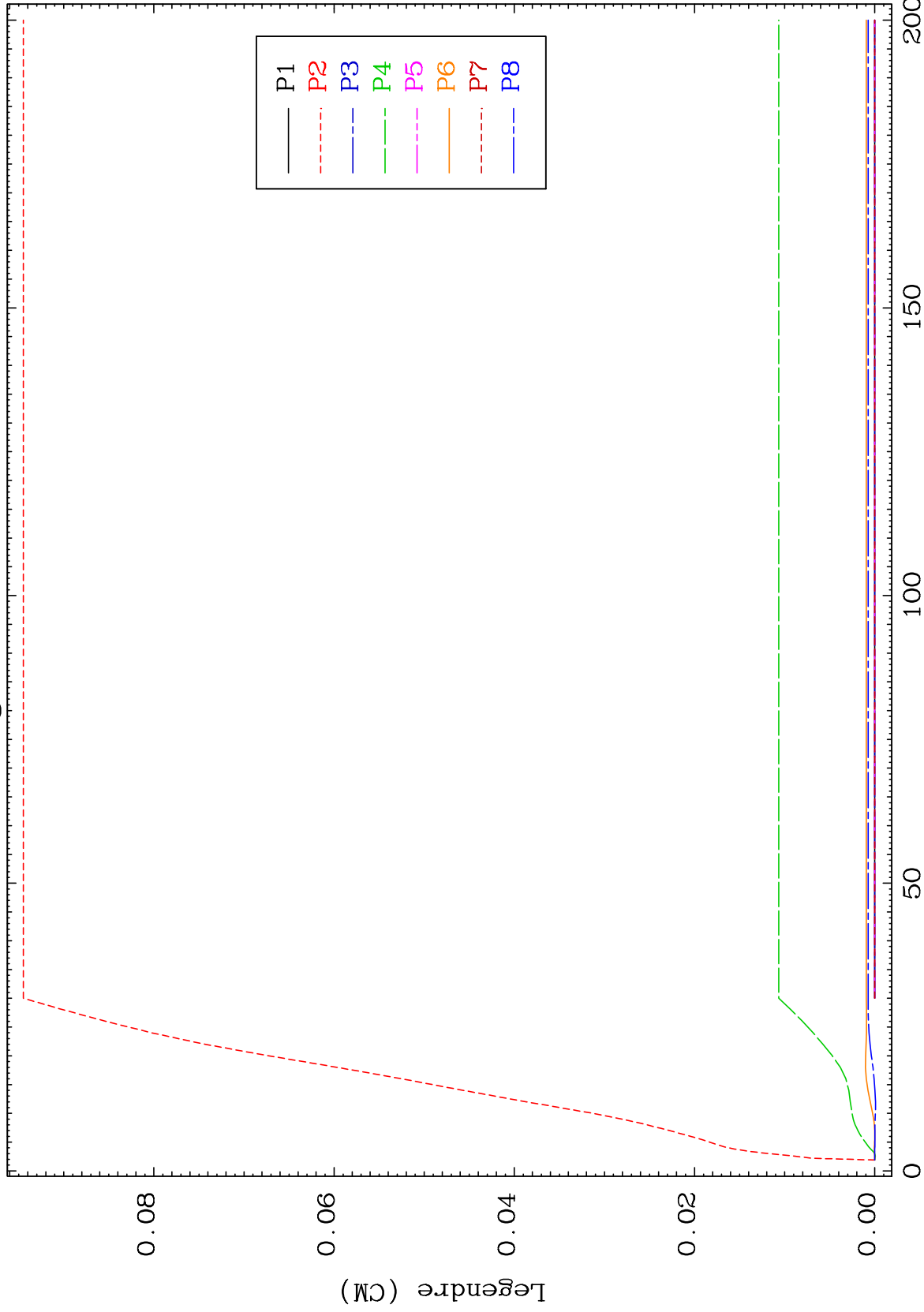
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



51-Sb-121

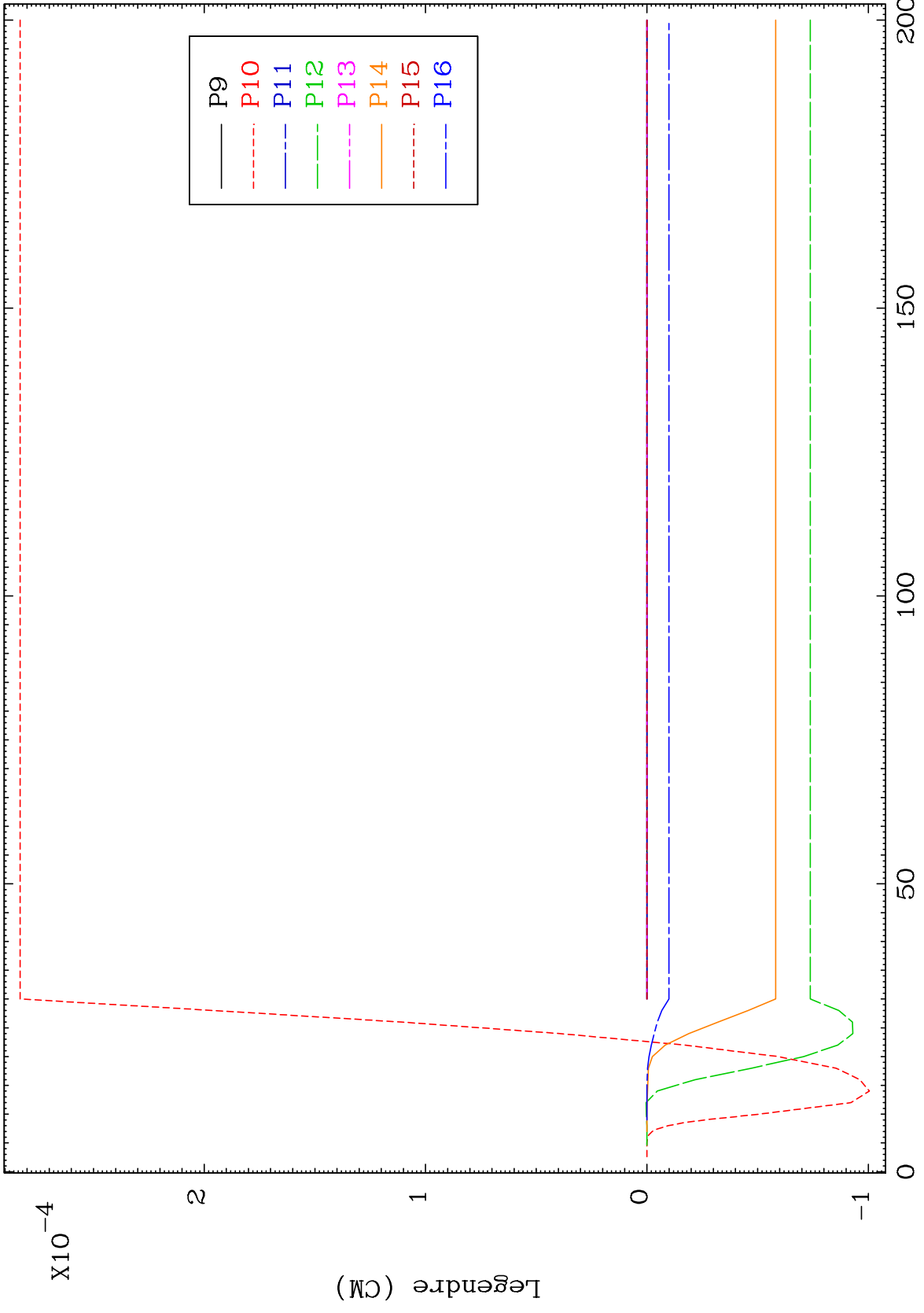
Incident Energy (MeV)

109

MAT 5125

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

51-Sb-121

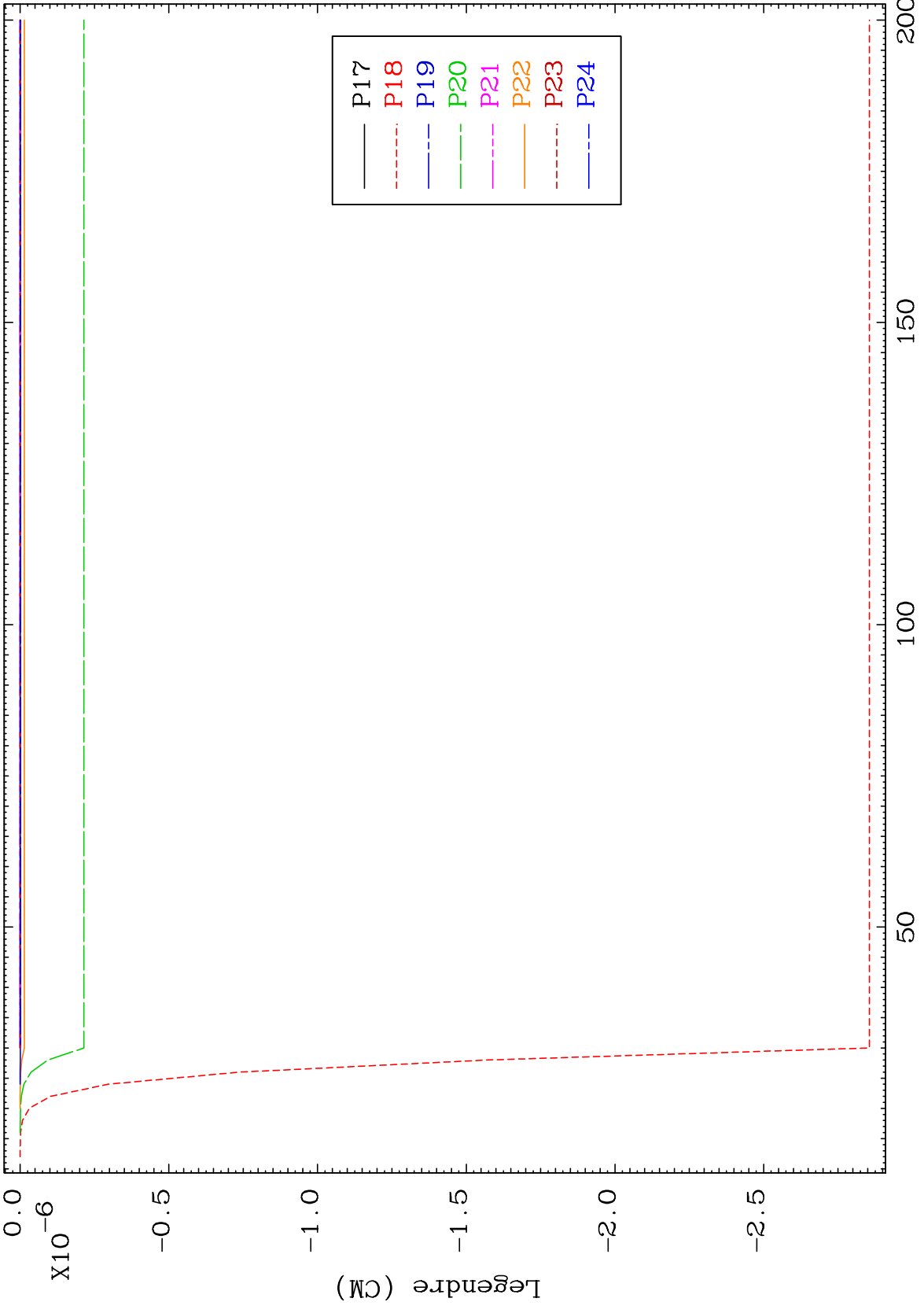


51-Sb-121

Incident Energy (MeV)

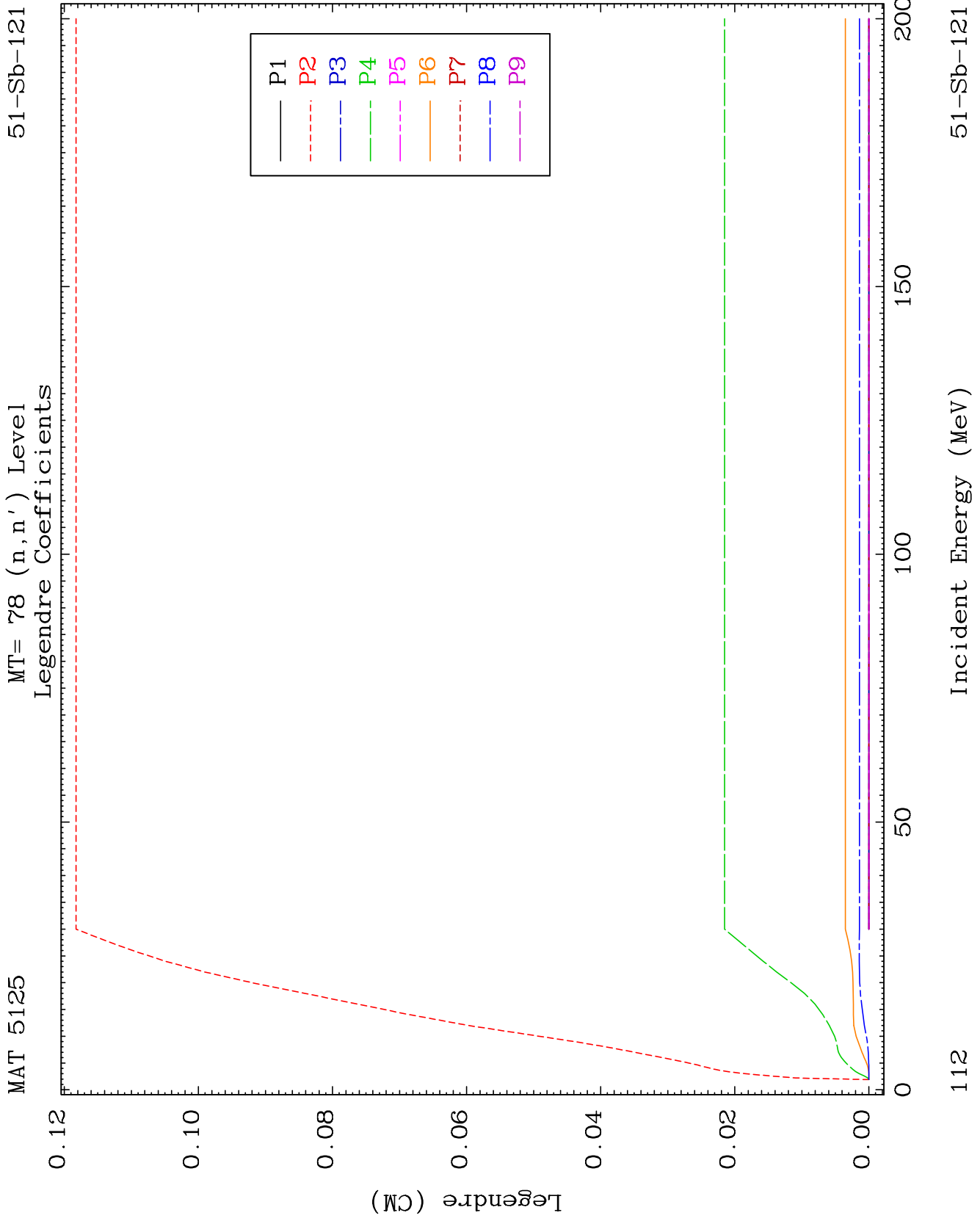
110

MAT 5125 MT= 77 (n,n') Level Legendre Coefficients 51-Sb-121



111 51-Sb-121

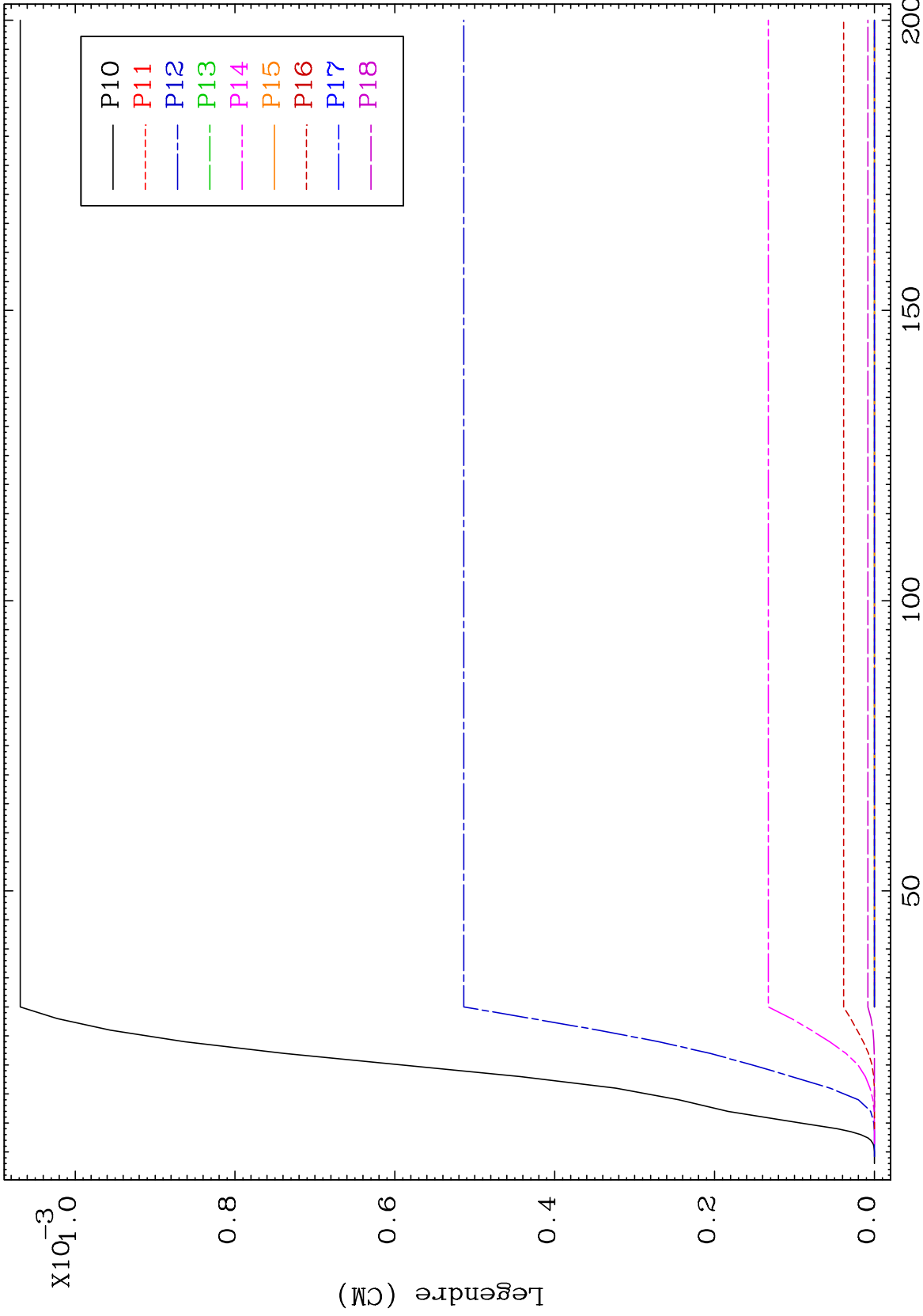




MAT 5125

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

51-Sb-121



113

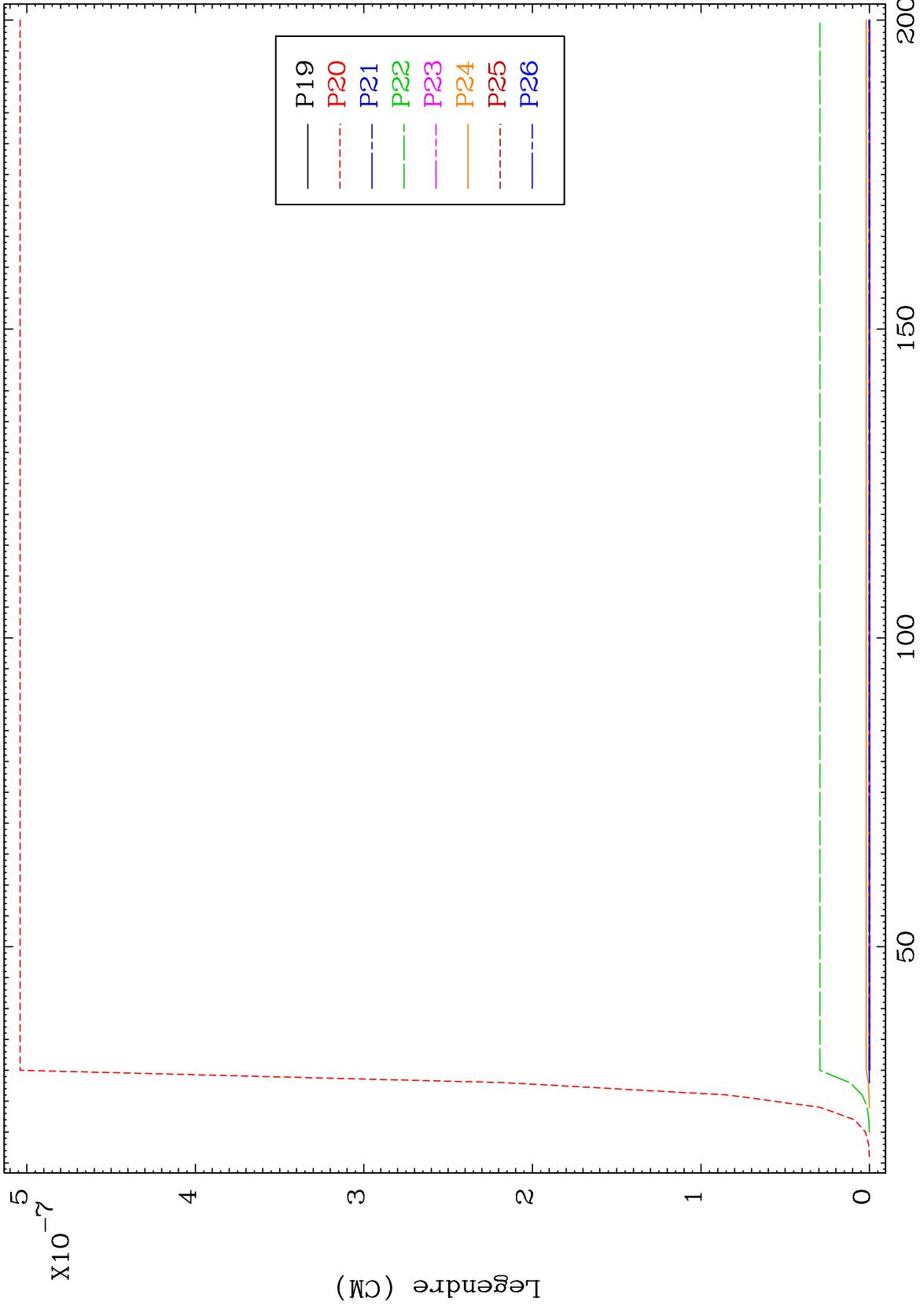
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

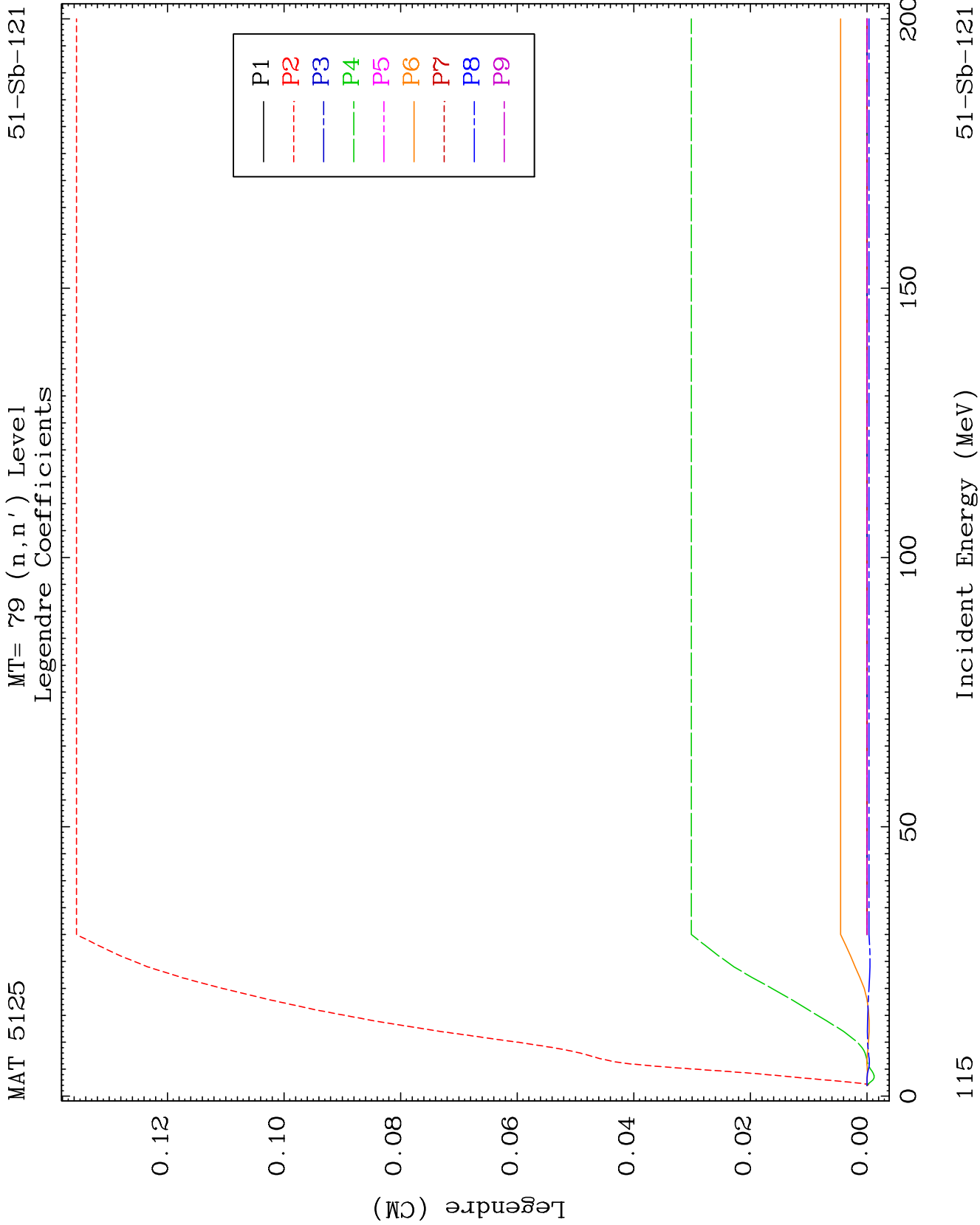
51-Sb-121



114

Incident Energy (MeV)

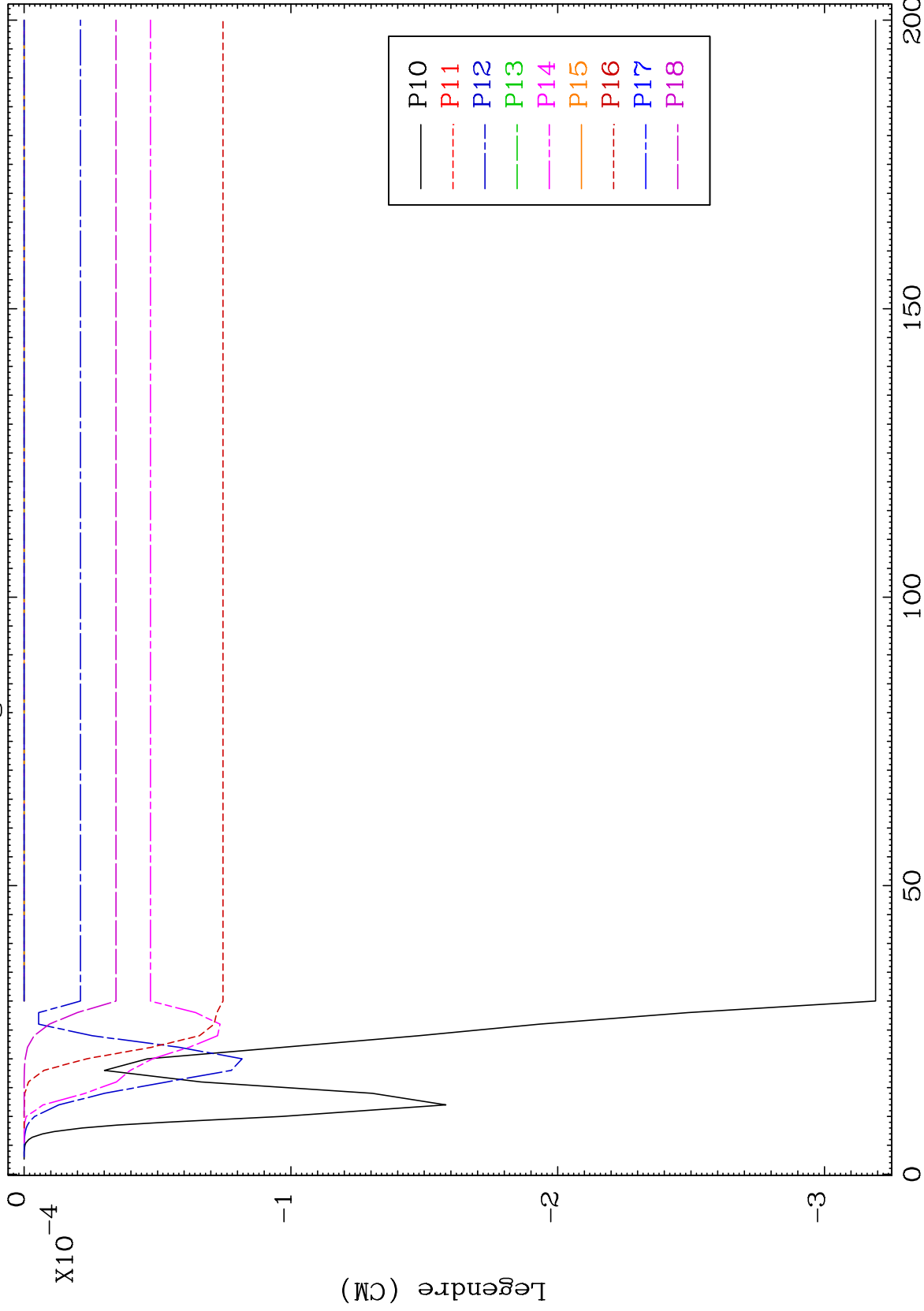
51-Sb-121



MAT 5125

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

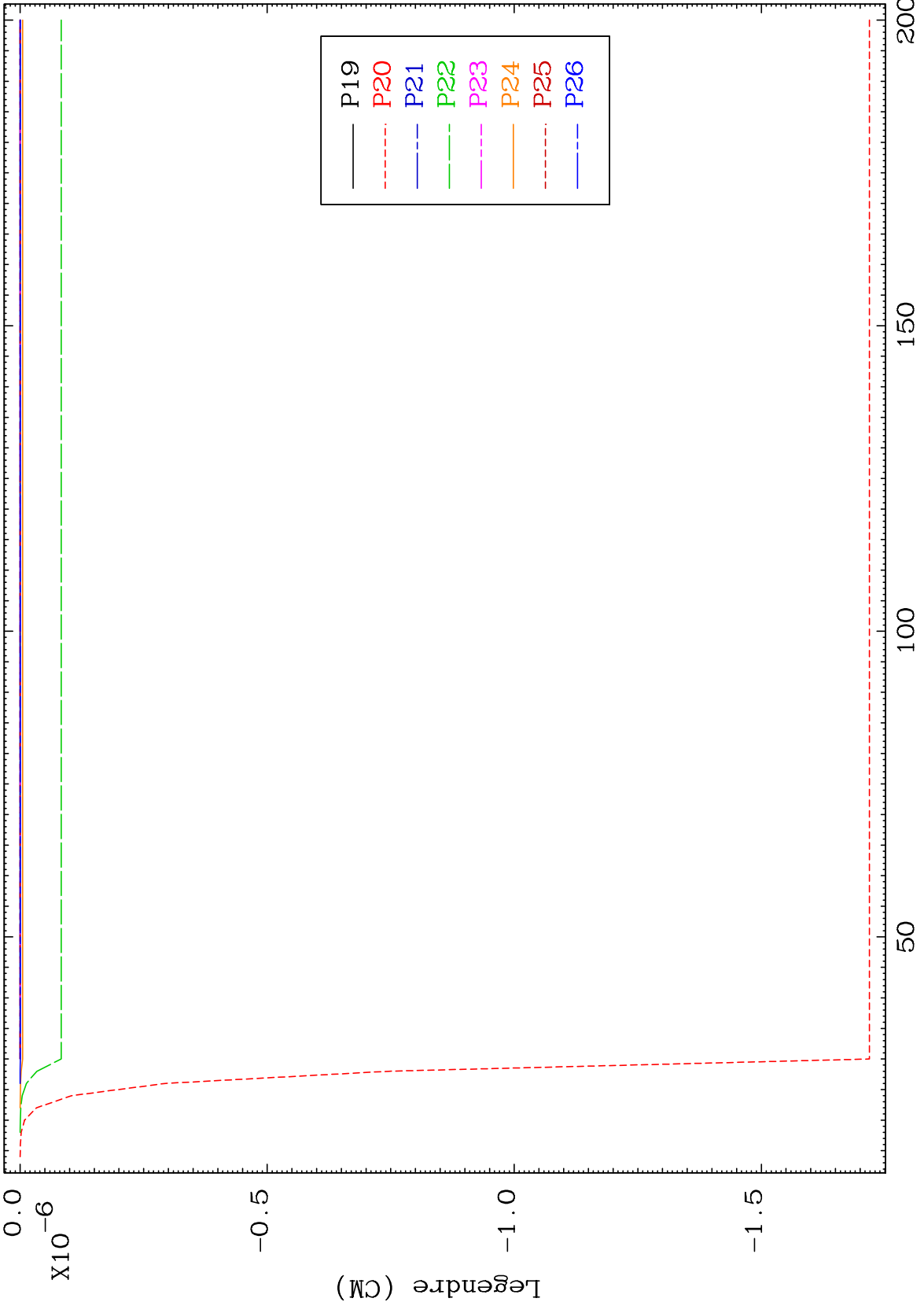
51-Sb-121



116

51-Sb-121

MAT 5125 MT= 79 (n,n') Level Legendre Coefficients 51-Sb-121

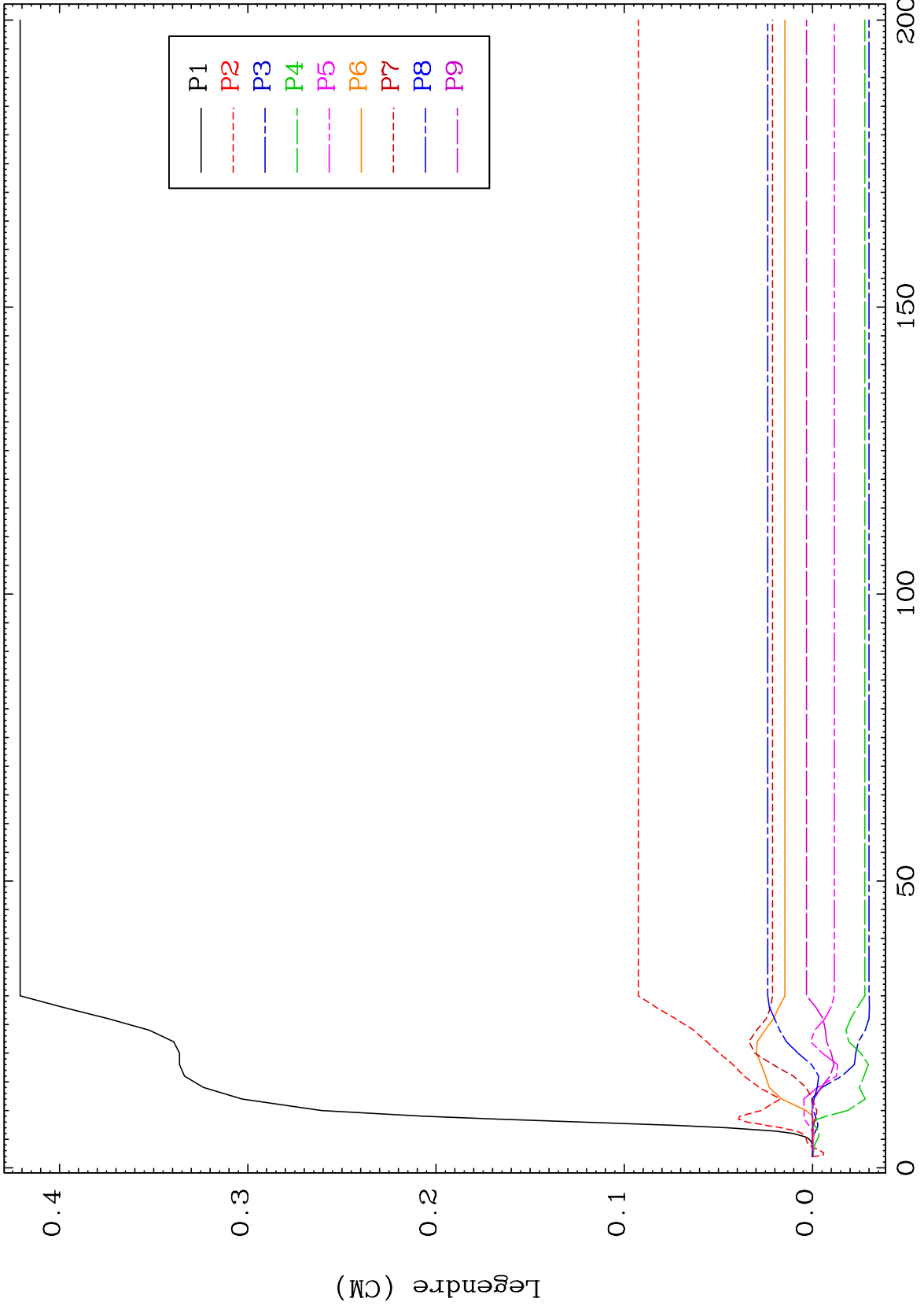


117 51-Sb-121

MAT 5125

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

51-Sb-121



118

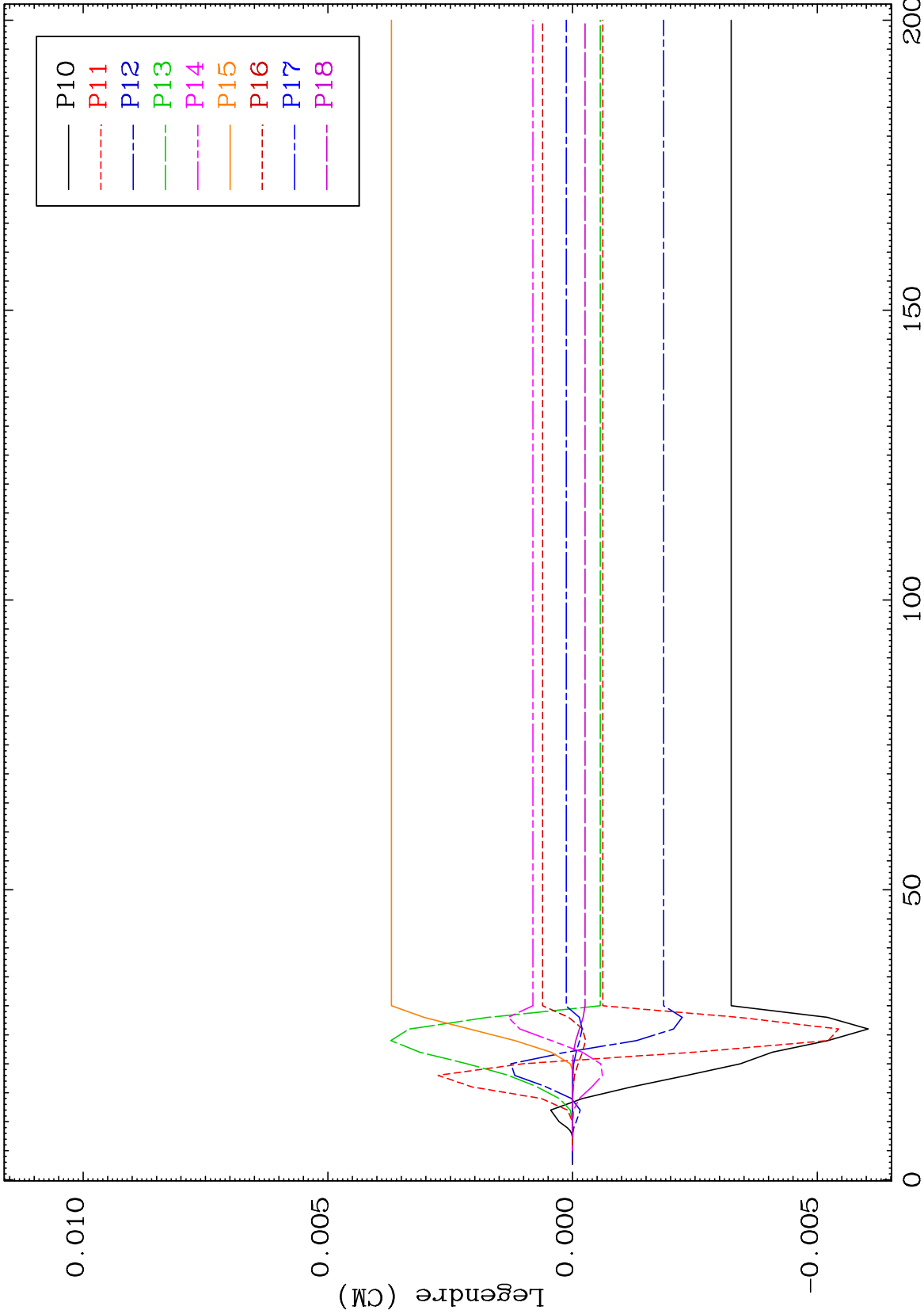
Incident Energy (MeV)

51-Sb-121

MAT 5125

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

51-Sb-121



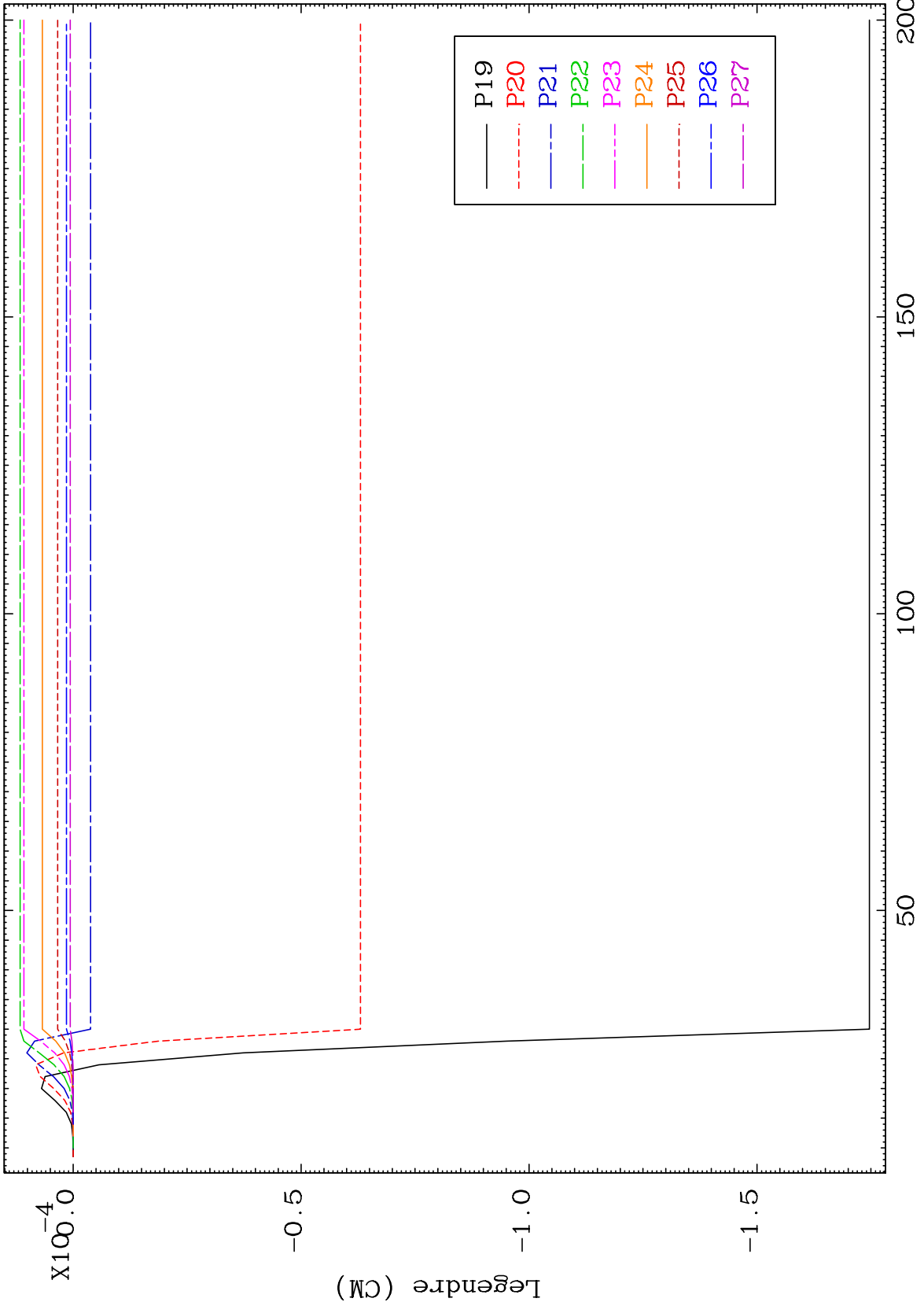
119

Incident Energy (MeV)

51-Sb-121



MAT 5125 MT= 80 (n,n') Level Legendre Coefficients 51-Sb-121

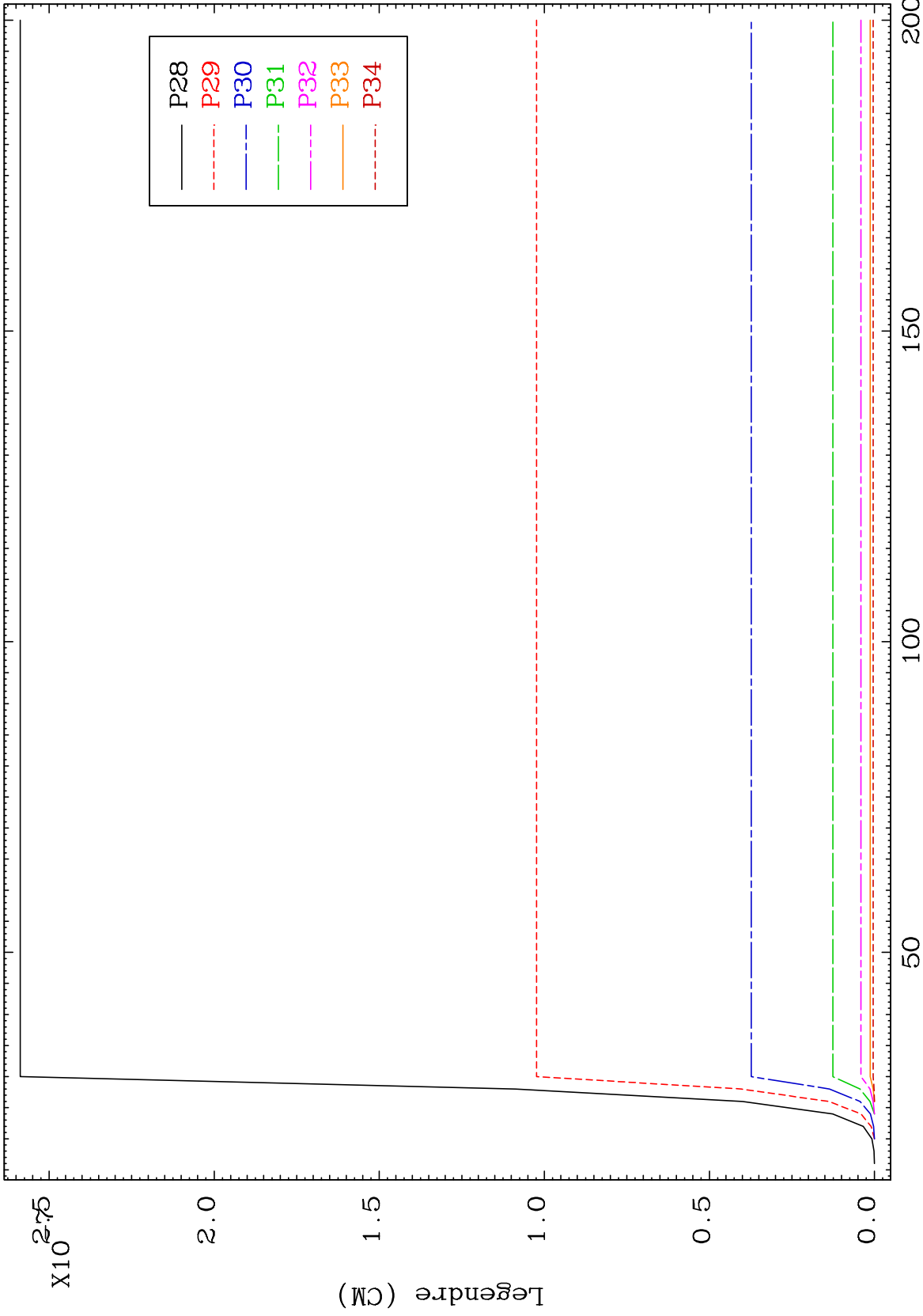


120 Incident Energy (MeV) 51-Sb-121

MAT 5125

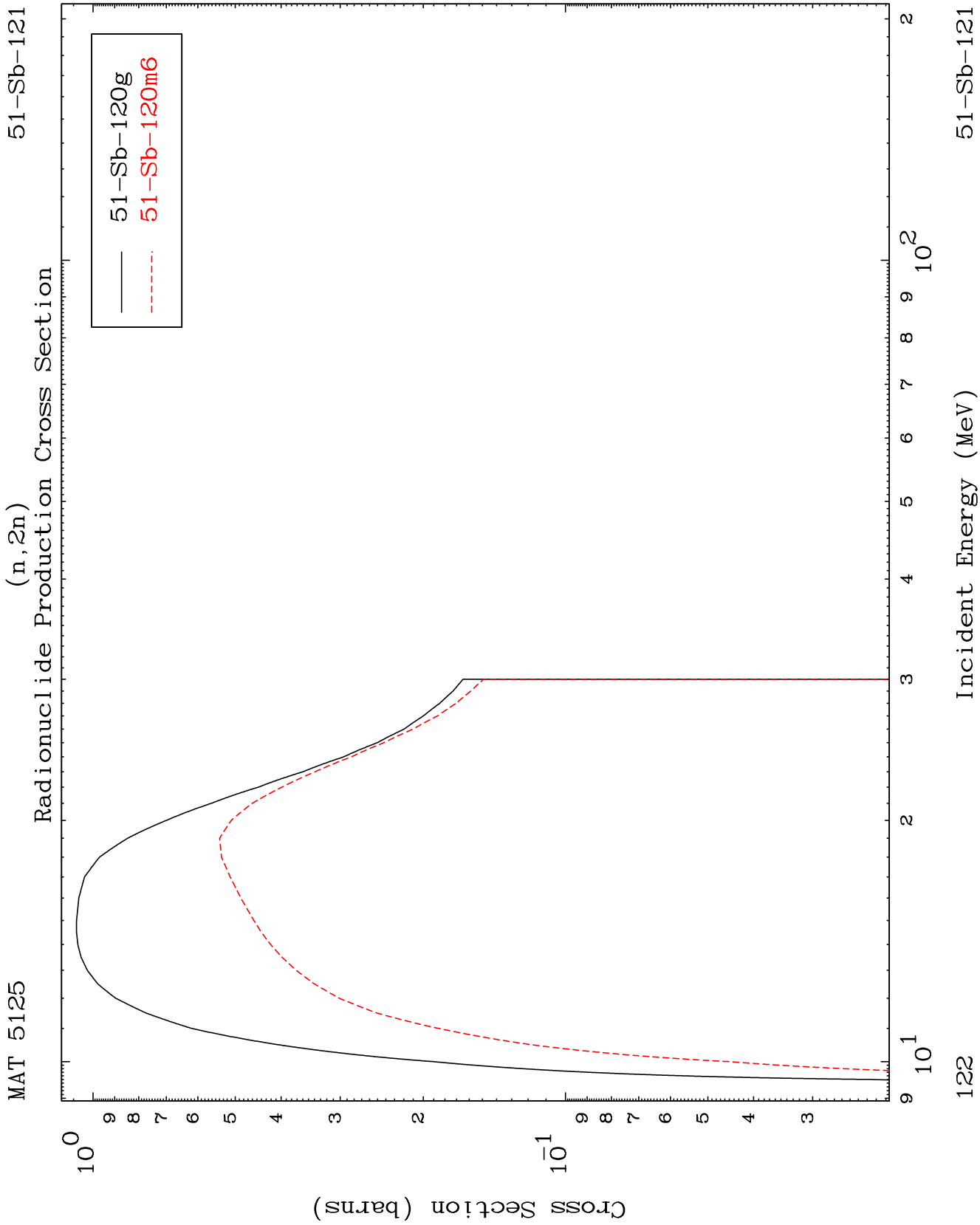
MT= 80 (n,n') Level  
Legendre Coefficients

51-Sb-121



121

51-Sb-121

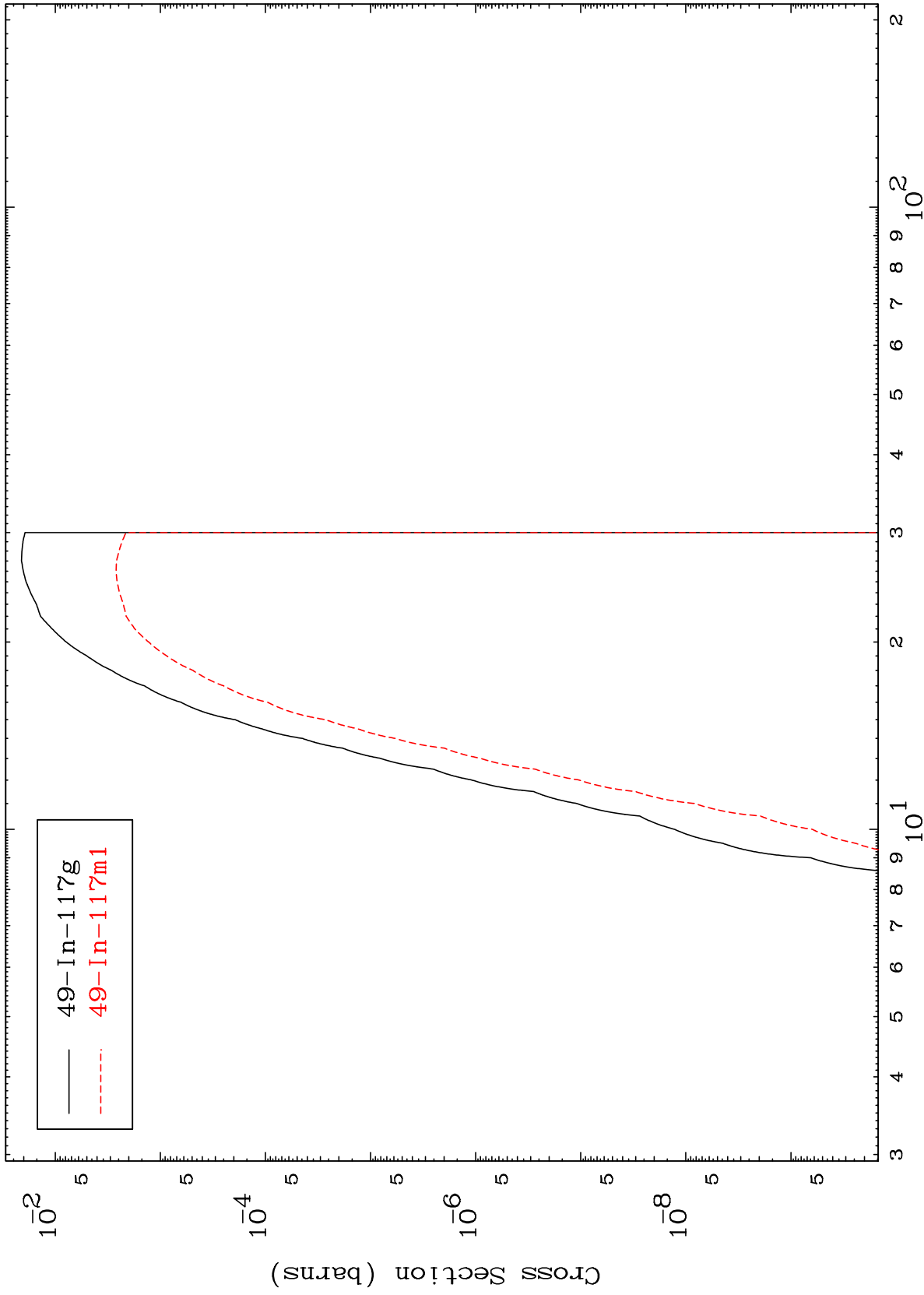


MAT 5125

(n,n')  $\alpha$

51-Sb-121

Radionuclide Production Cross Section



123

Incident Energy (MeV)

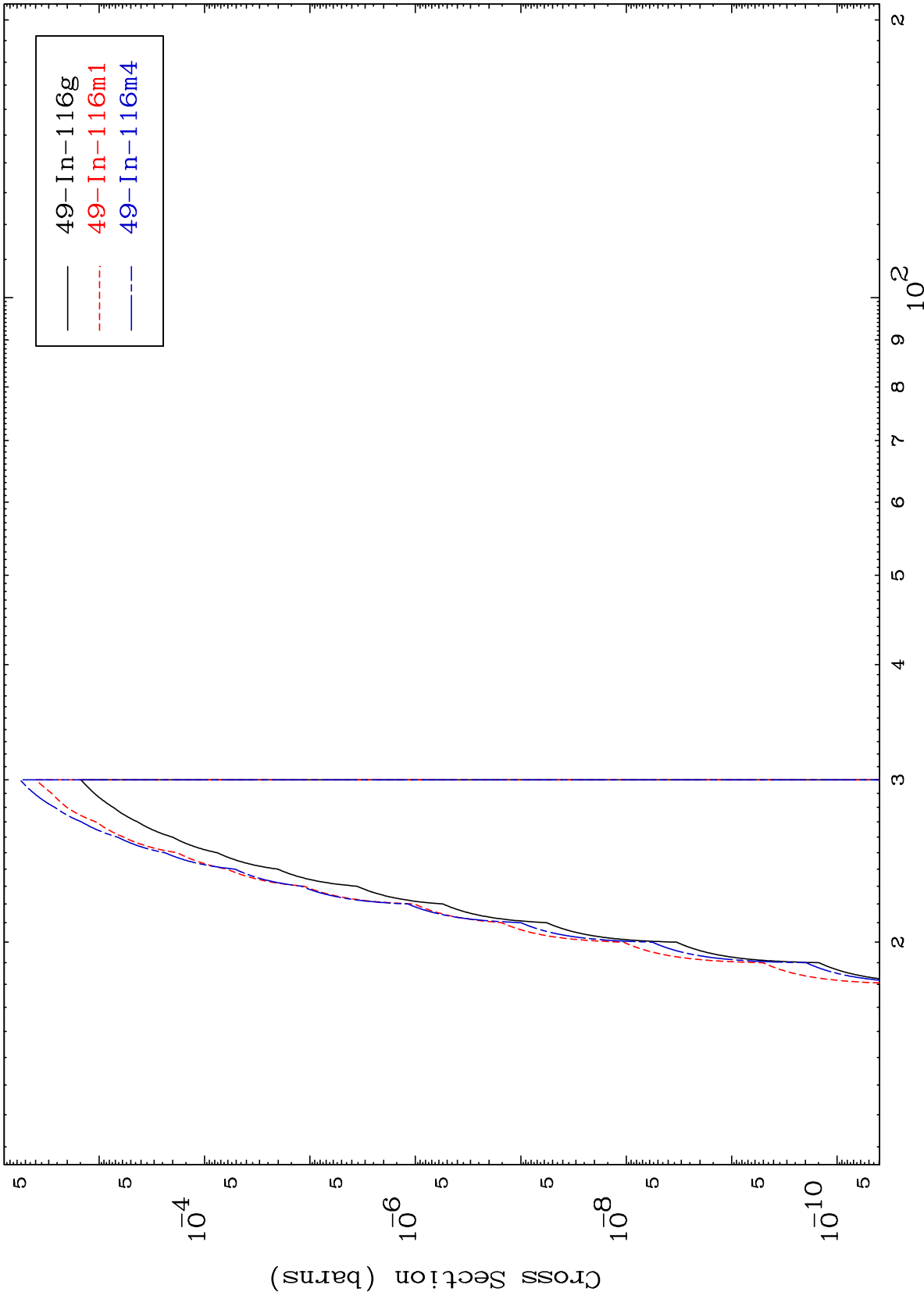
51-Sb-121

MAT 5125

(n,2n)  $\alpha$

51-Sb-121

Radionuclide Production Cross Section



124

Incident Energy (MeV)

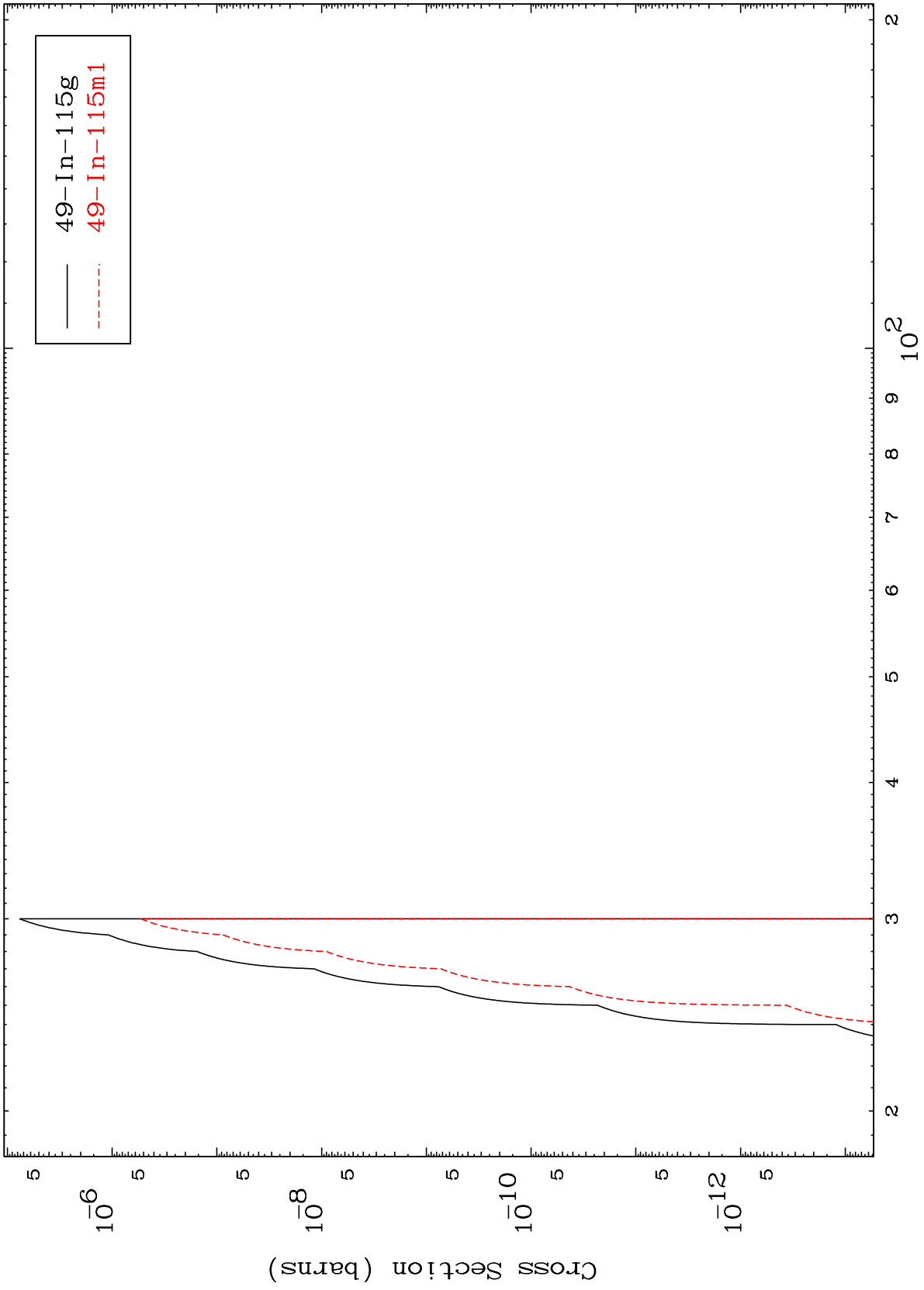
51-Sb-121

MAT 5125

(n,3n)  $\alpha$

51-Sb-121

Radionuclide Production Cross Section



125

Incident Energy (MeV)

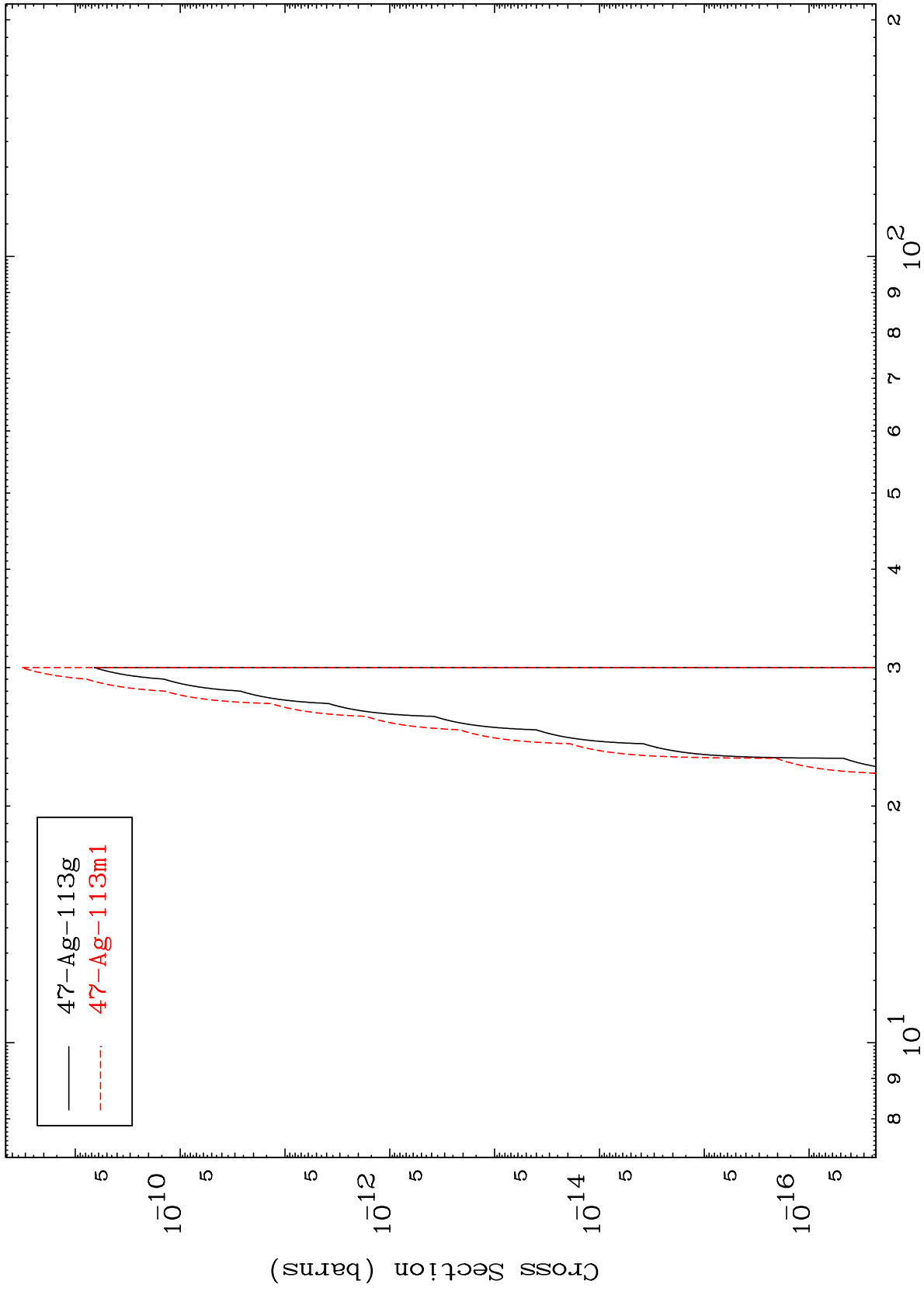
51-Sb-121

MAT 5125

(n,n') 2 $\alpha$

51-Sb-121

Radionuclide Production Cross Section



126

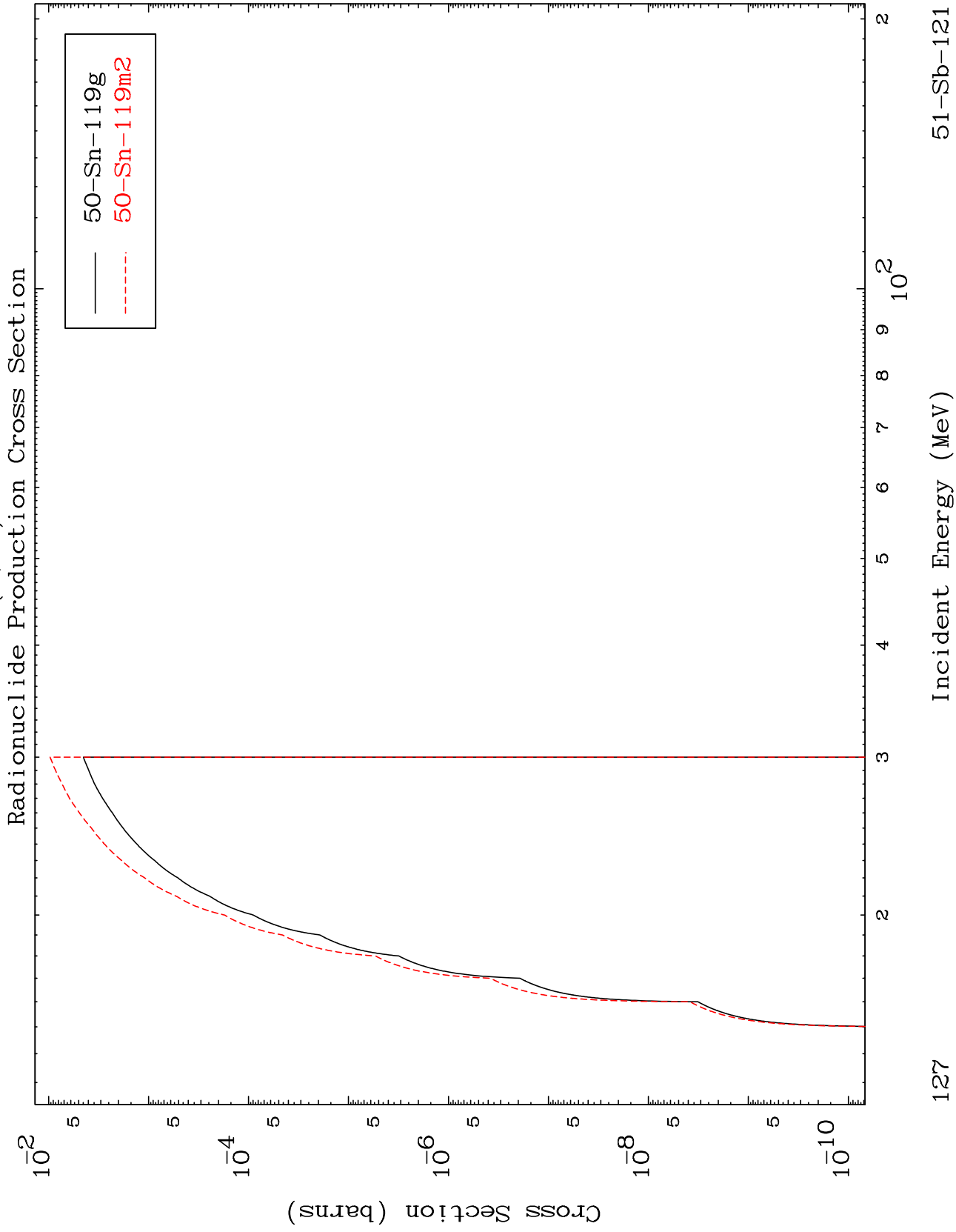
Incident Energy (MeV)

51-Sb-121

MAT 5125

(n,n') d

51-Sb-121

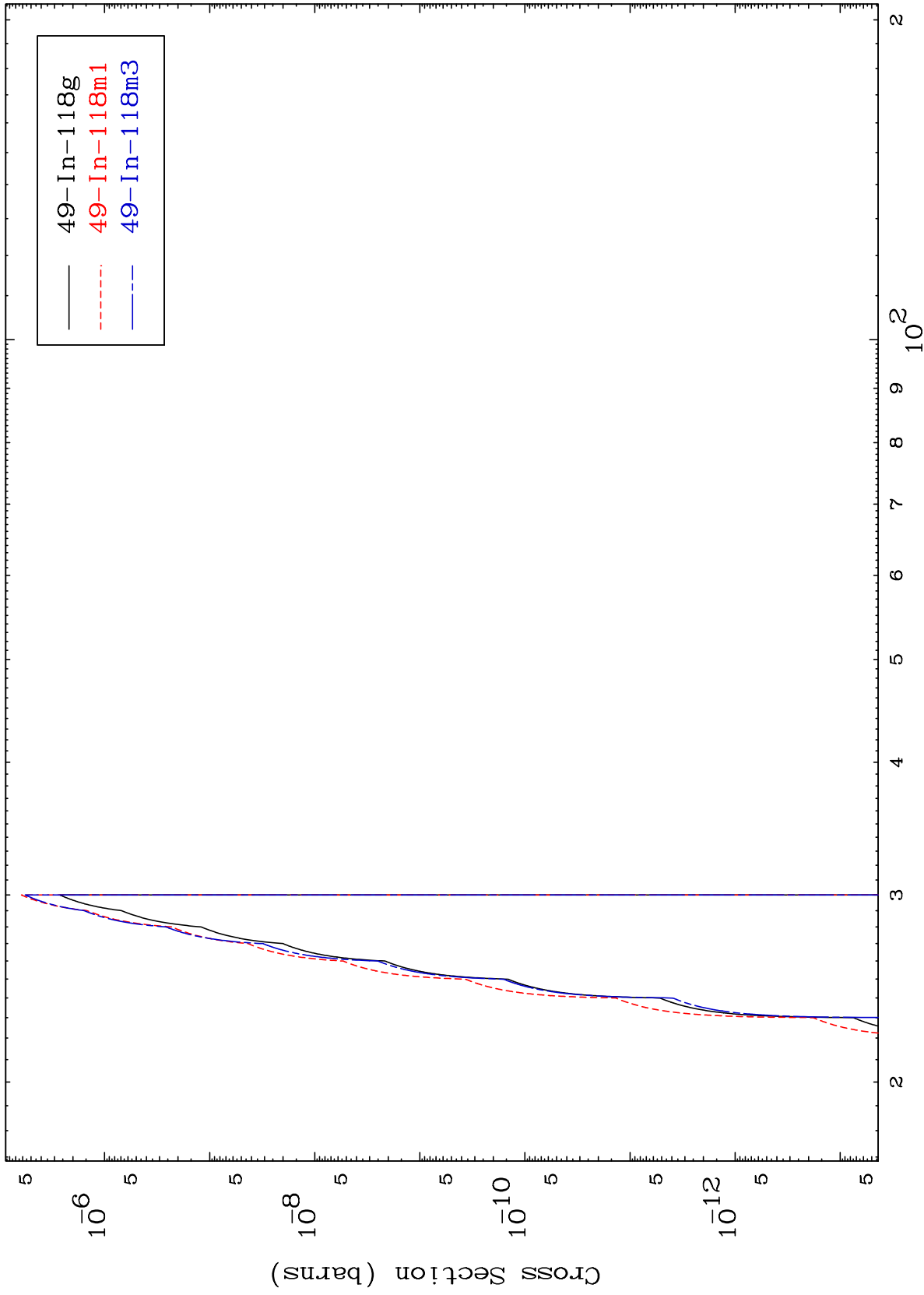


127

51-Sb-121



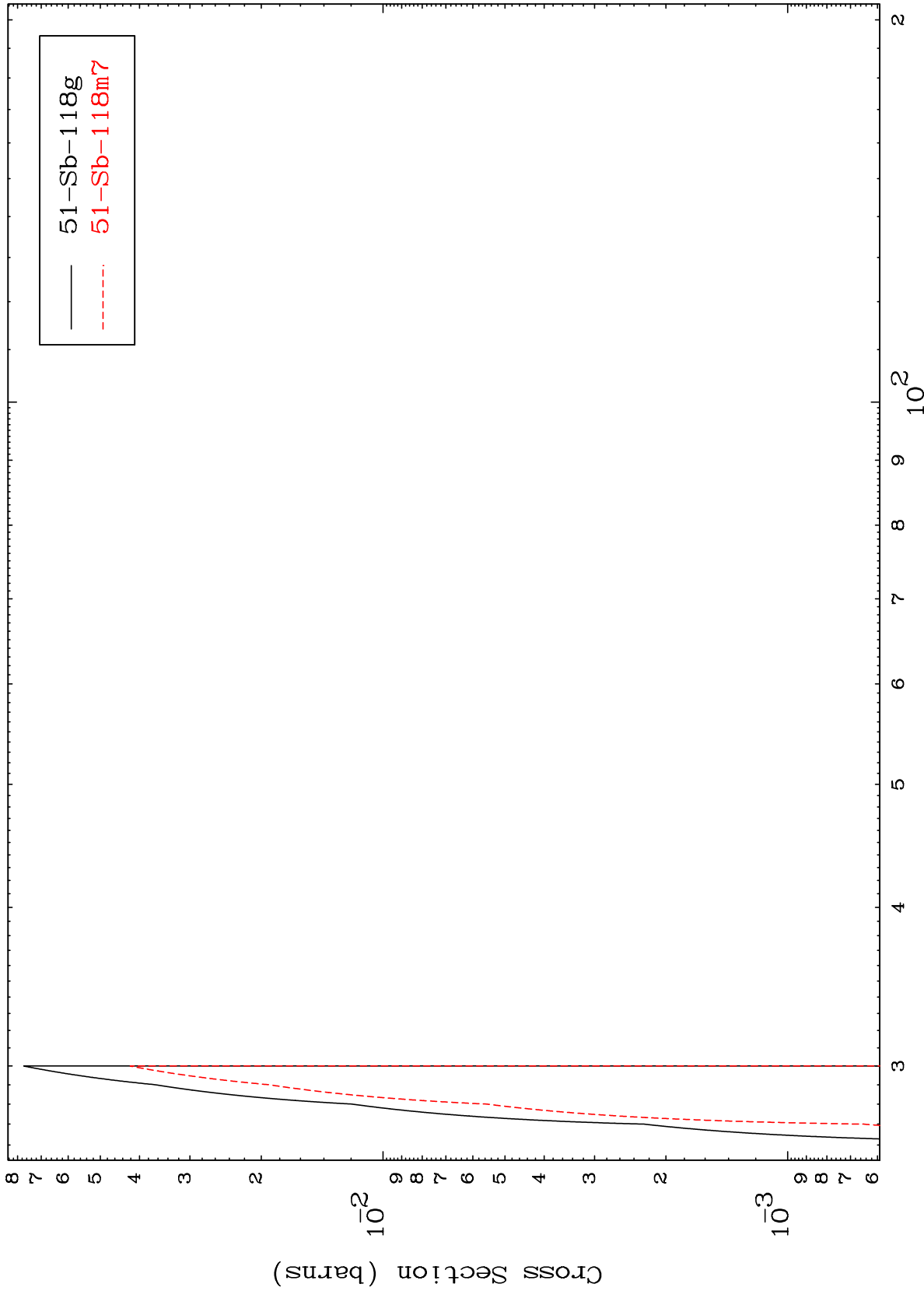
Radionuclide Production Cross Section



MAT 5125

51-Sb-121

(n,4n)  
Radionuclide Production Cross Section



129

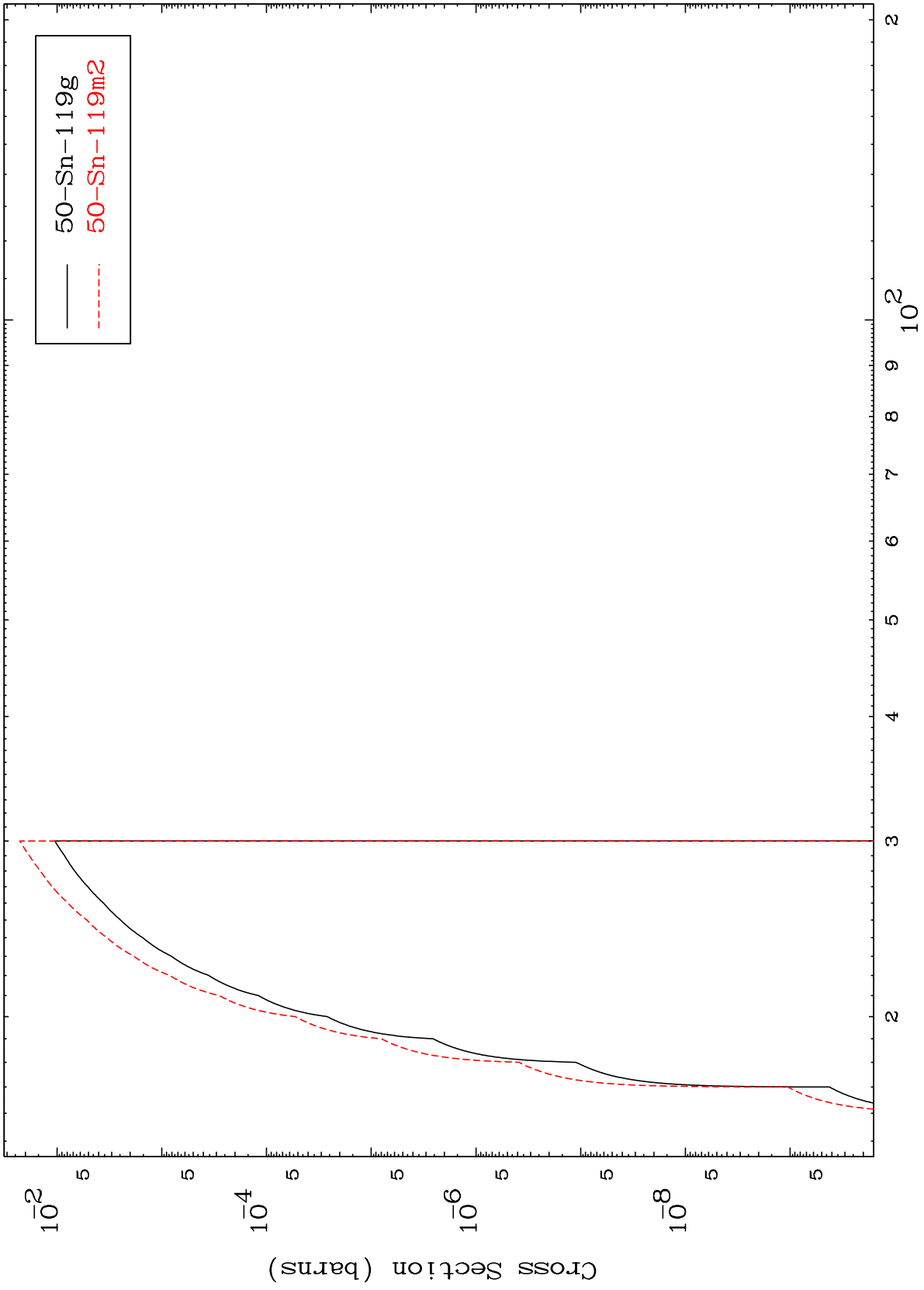
51-Sb-121

MAT 5125

(n,2n) p

51-Sb-121

Radionuclide Production Cross Section



130

Incident Energy (MeV)

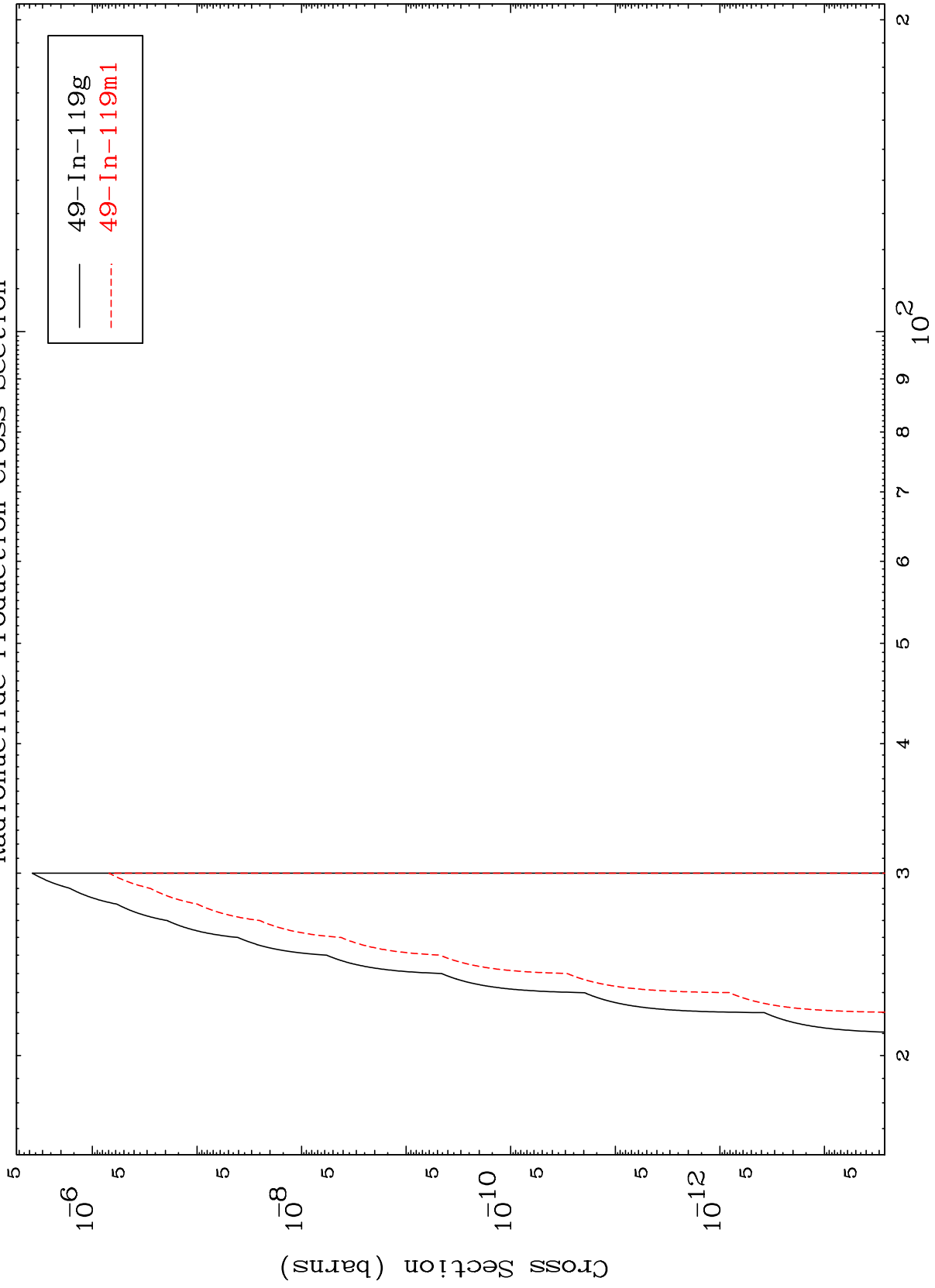
51-Sb-121

MAT 5125

(n,2n) p

51-Sb-121

Radionuclide Production Cross Section



131

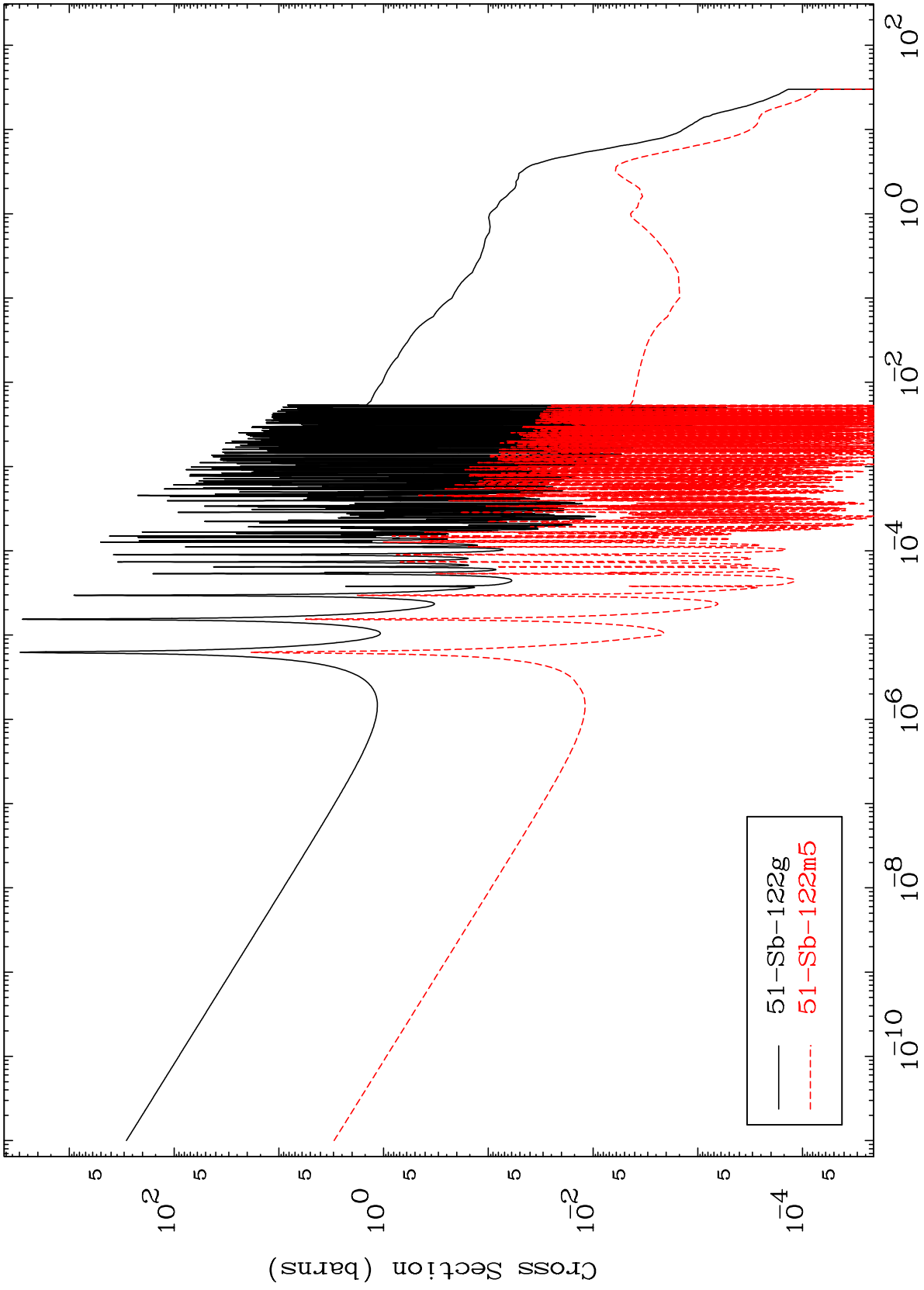
Incident Energy (MeV)

51-Sb-121

MAT 5125

51-Sb-121

(n,γ)  
Radionuclide Production Cross Section



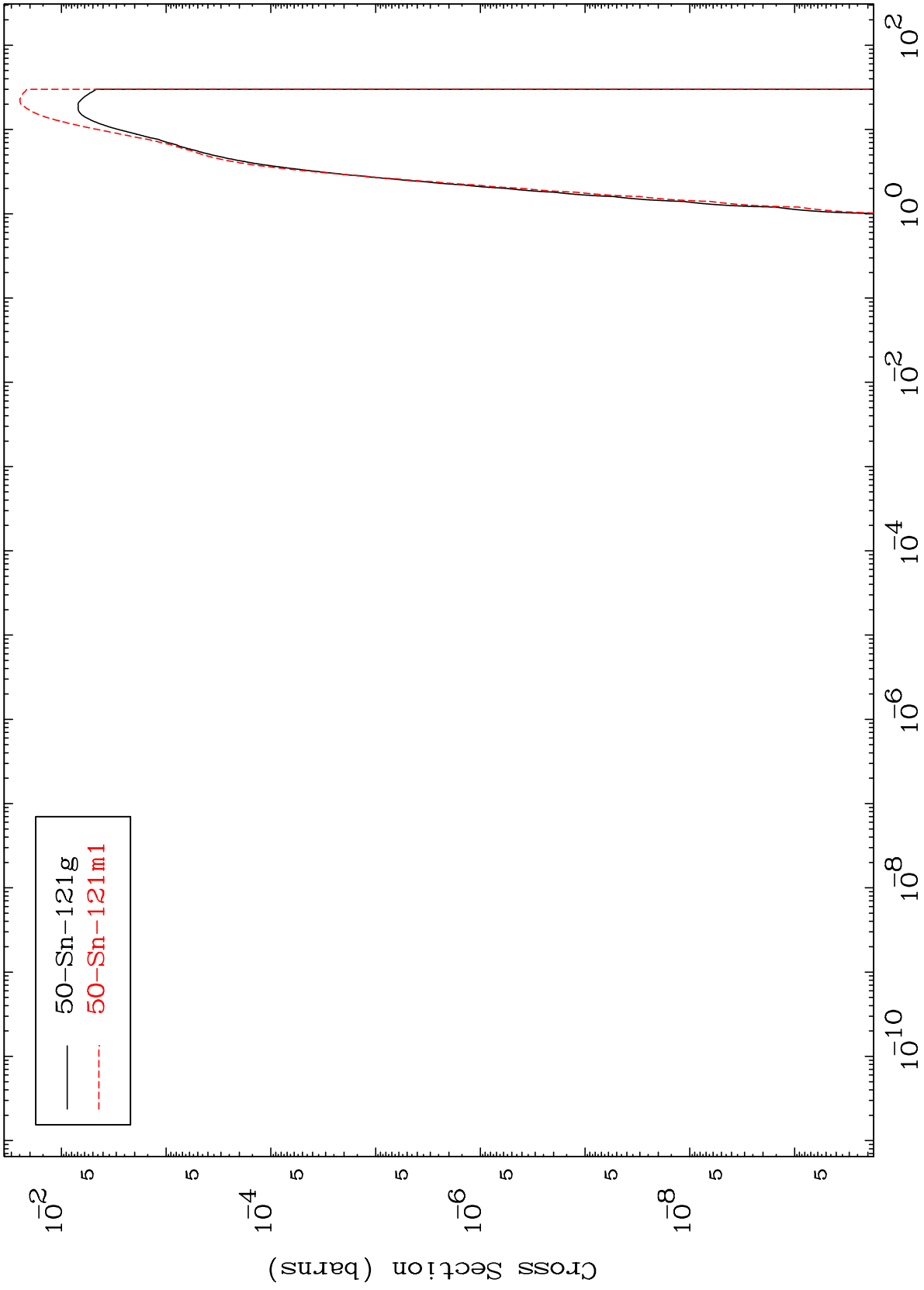
132

51-Sb-121

MAT 5125

(n,p)  
Radionuclide Production Cross Section

51-Sb-121



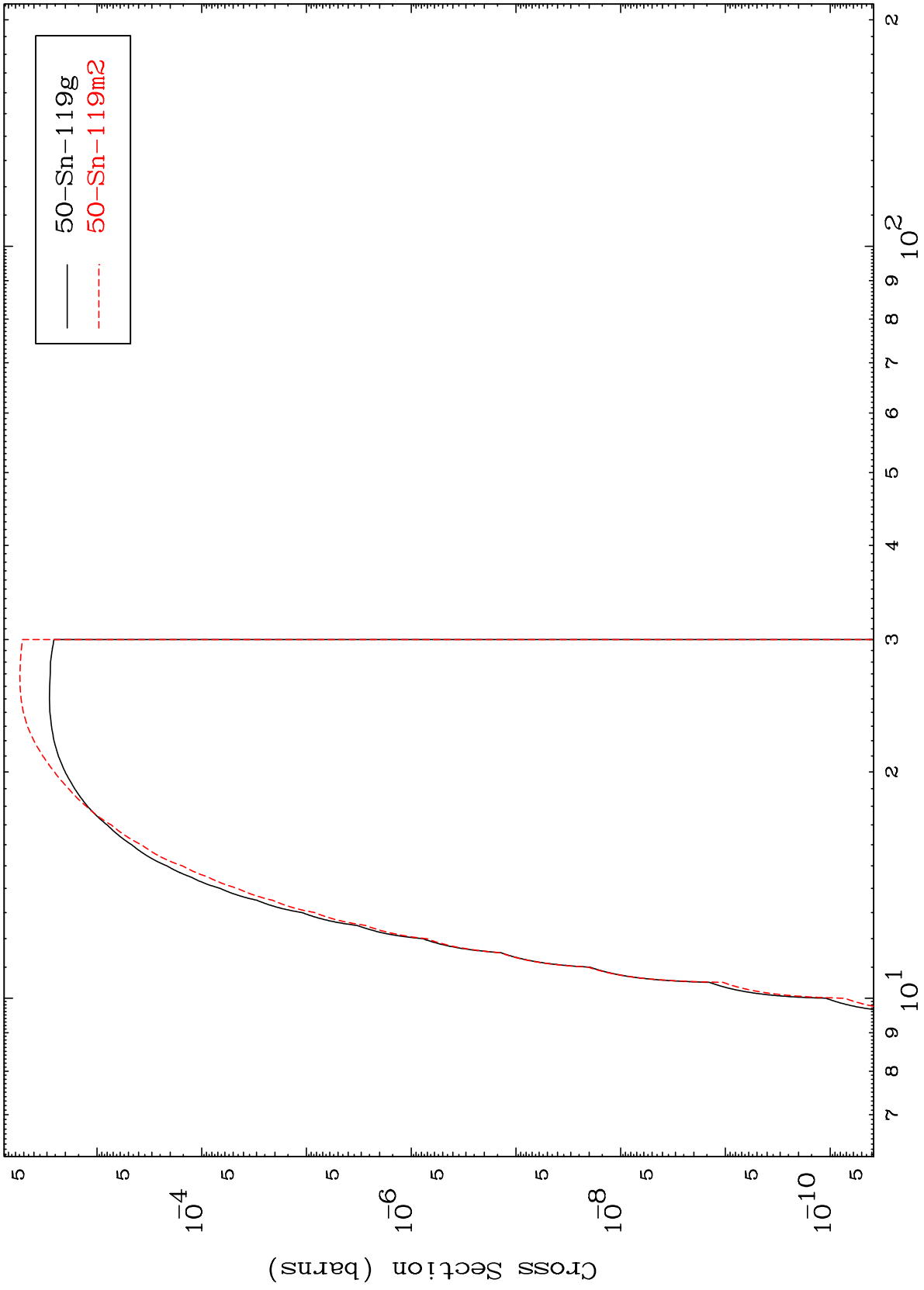
133

51-Sb-121

MAT 5125

51-Sb-121

(n,t)  
Radionuclide Production Cross Section



134

Incident Energy (MeV)

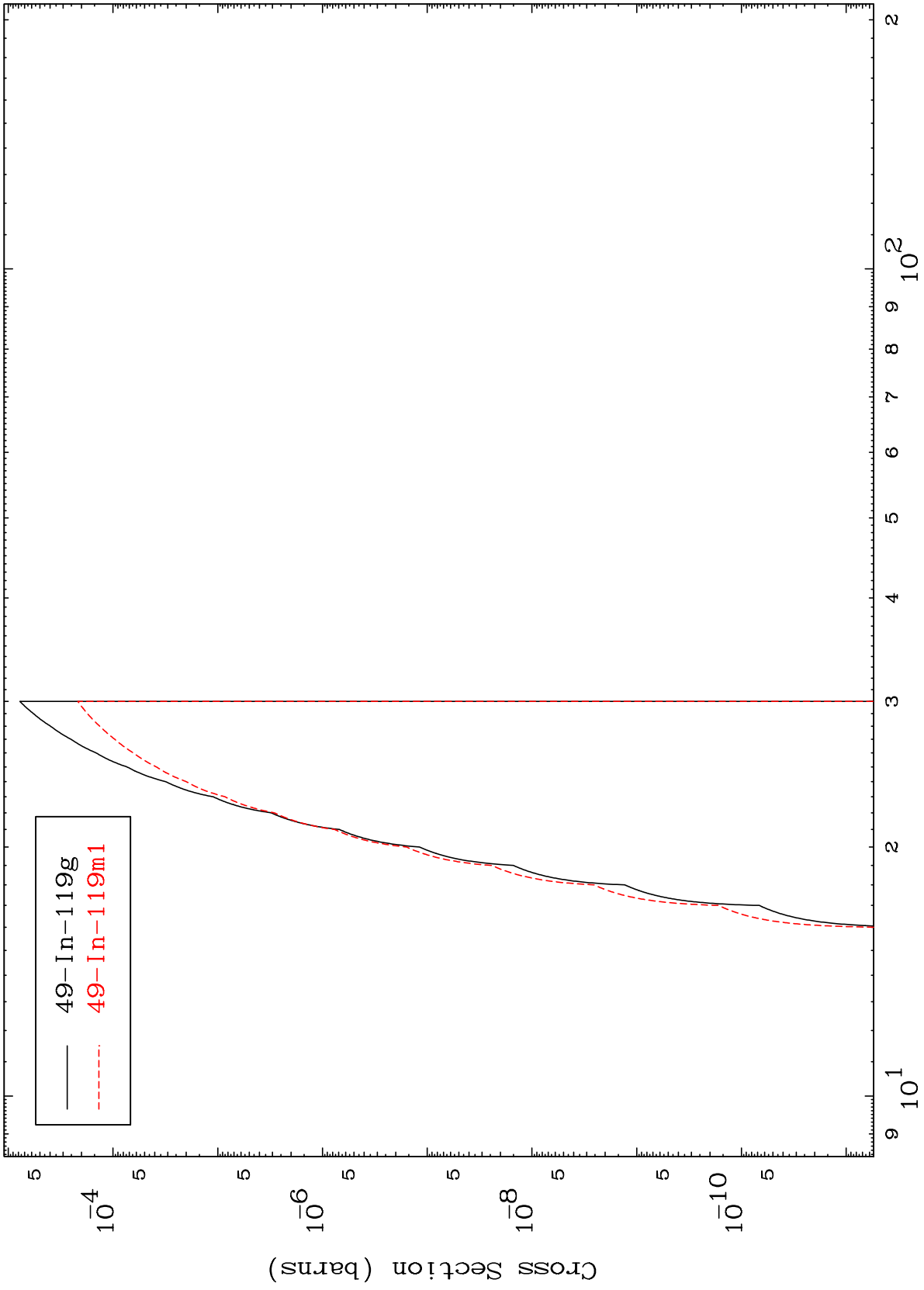
51-Sb-121

MAT 5125

(n, He-3)

51-Sb-121

Radionuclide Production Cross Section



135

Incident Energy (MeV)

51-Sb-121

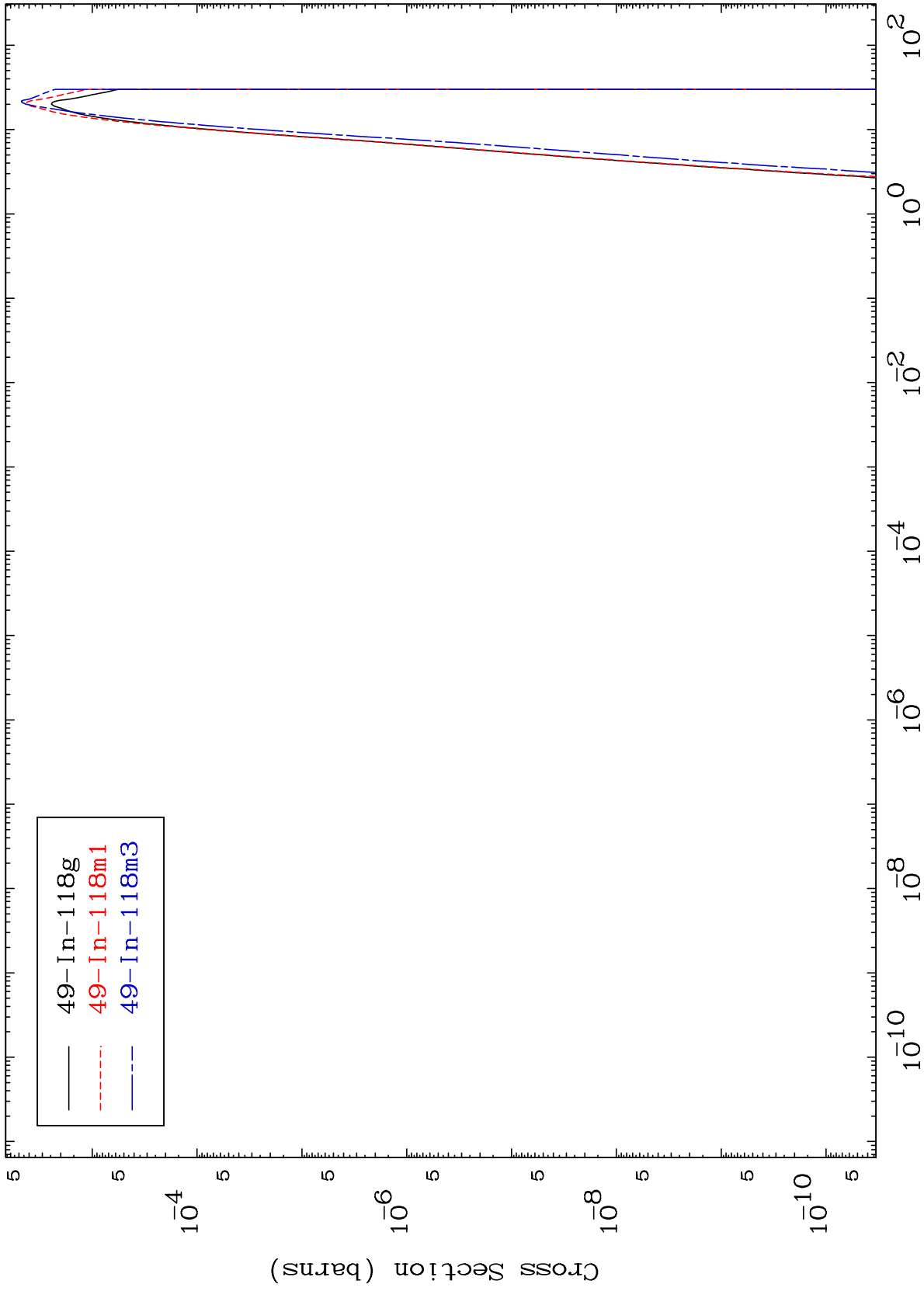


MAT 5125

(n,  $\alpha$ )

51-Sb-121

Radionuclide Production Cross Section



136

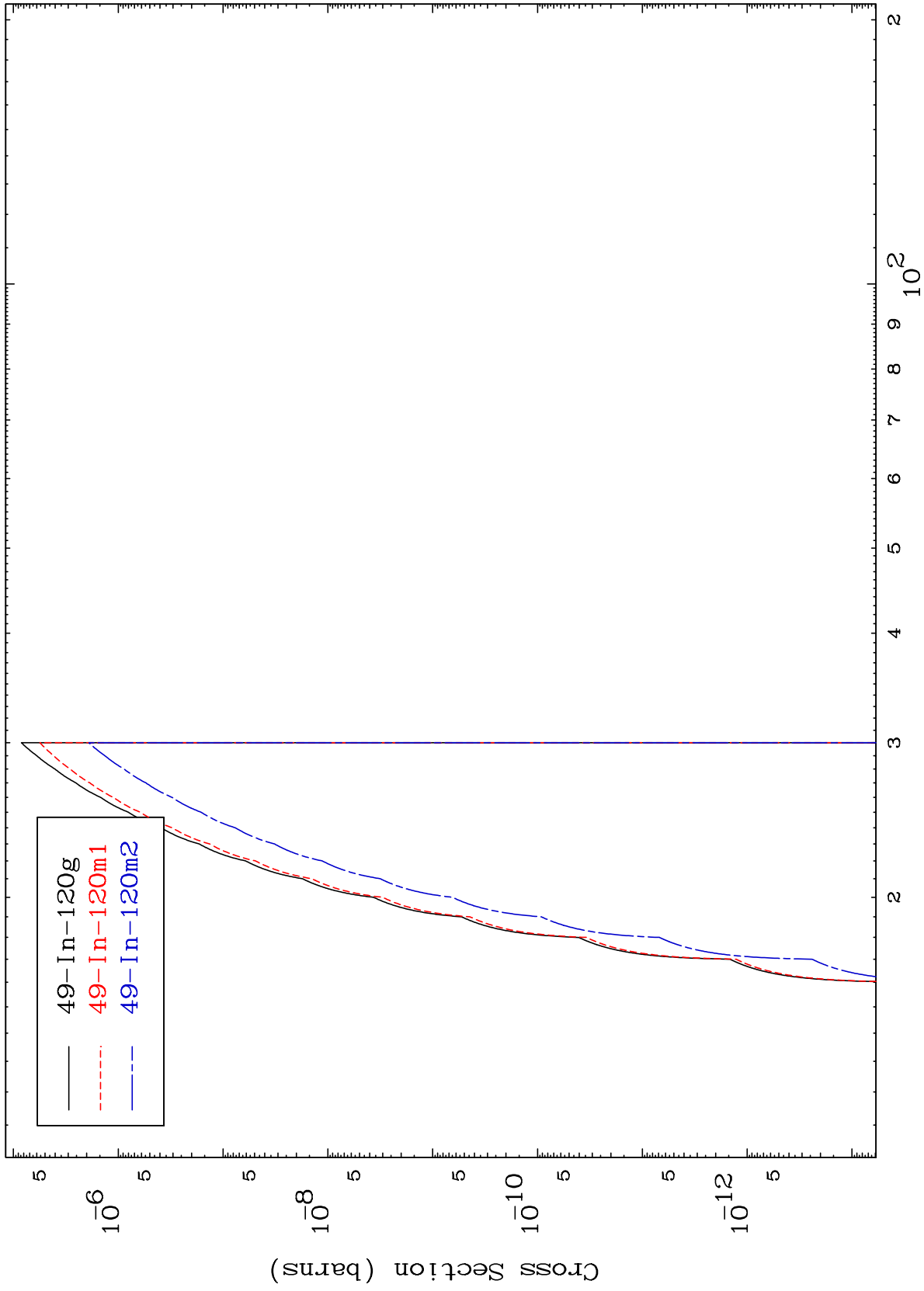
Incident Energy (MeV)

51-Sb-121

MAT 5125

51-Sb-121

(n,2p)  
Radionuclide Production Cross Section



137

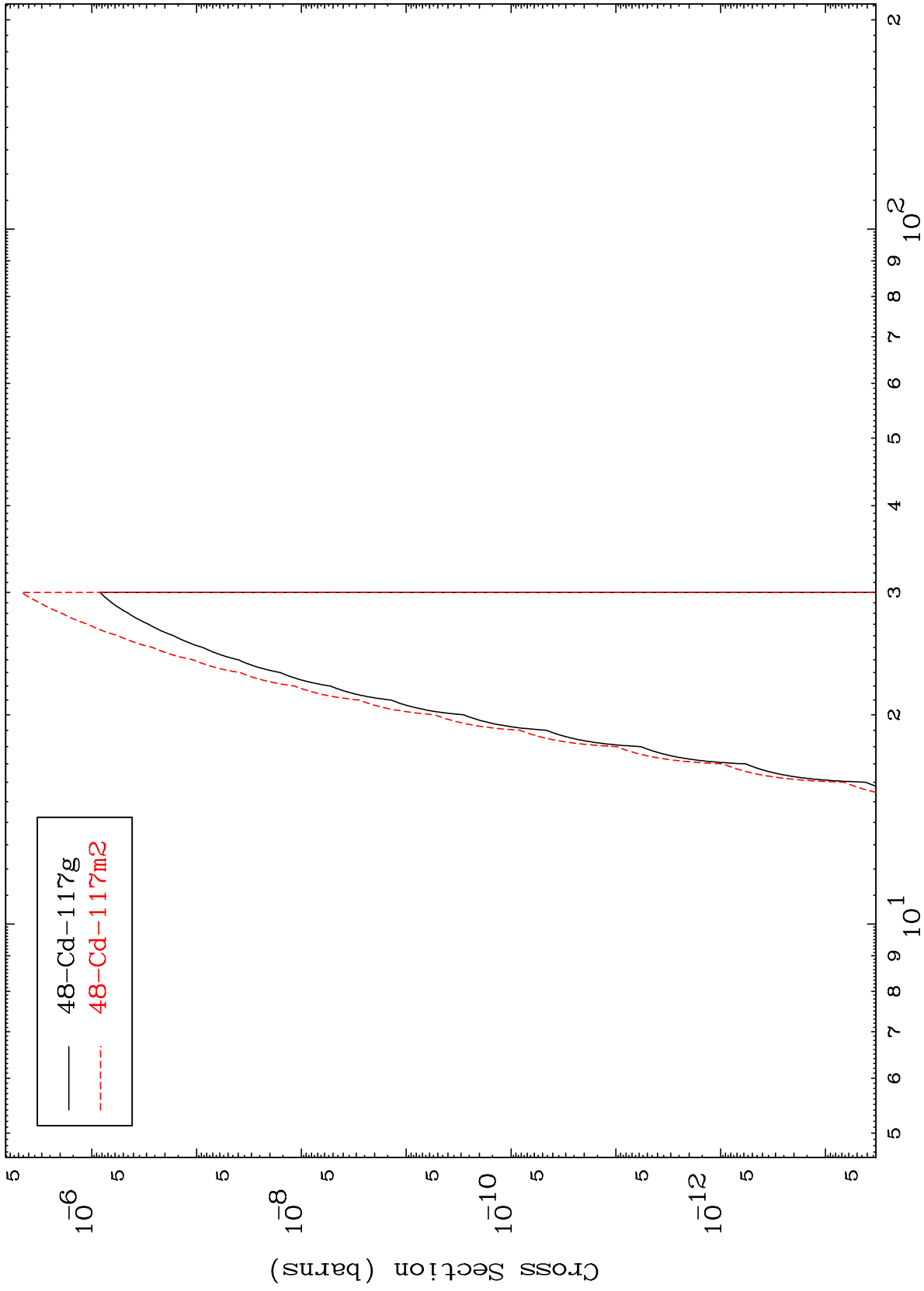
51-Sb-121

MAT 5125

(n,p)  $\alpha$

51-Sb-121

Radionuclide Production Cross Section



138

Incident Energy (MeV)

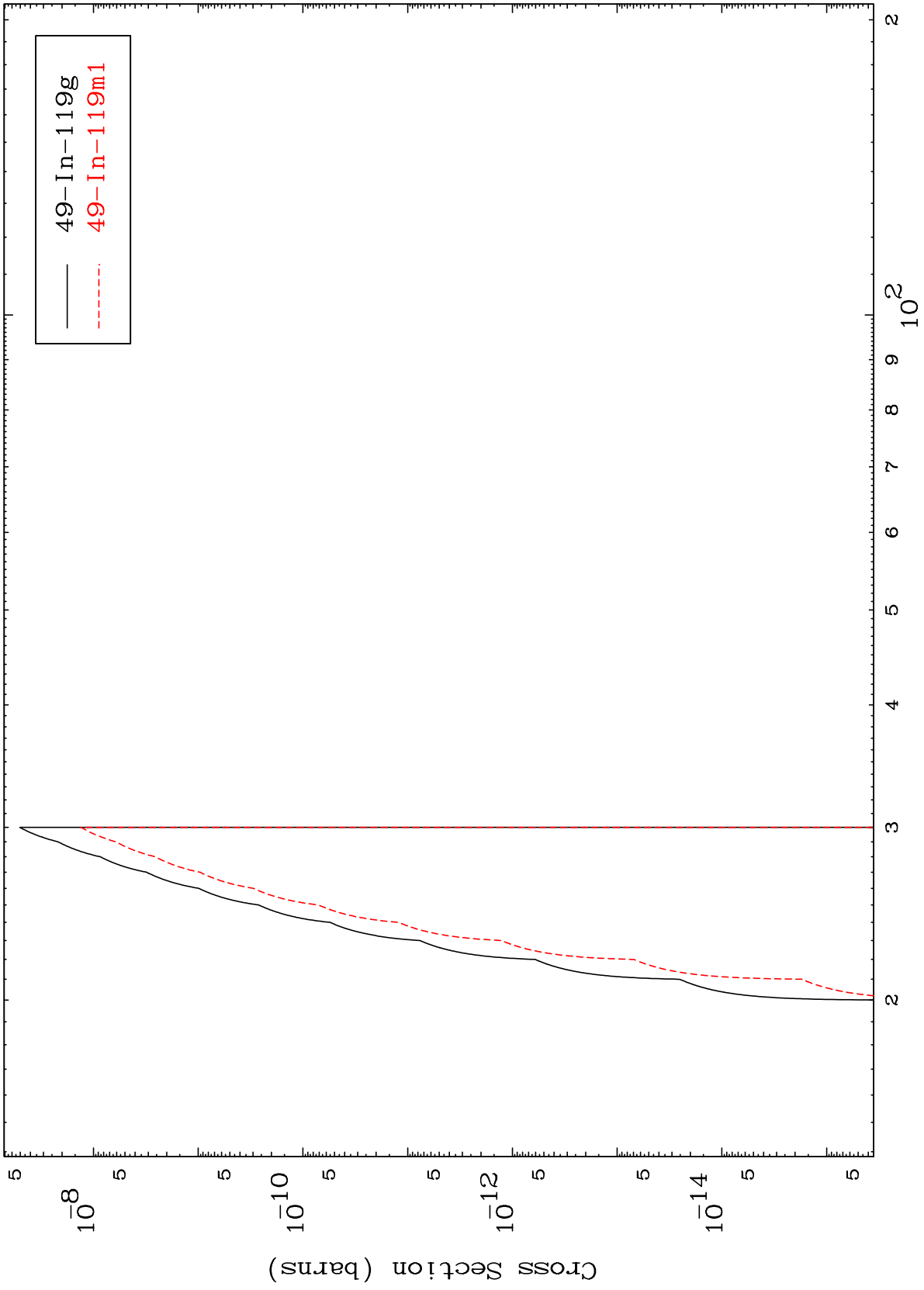
51-Sb-121

MAT 5125

(n,p) d

51-Sb-121

Radionuclide Production Cross Section



139

Incident Energy (MeV)

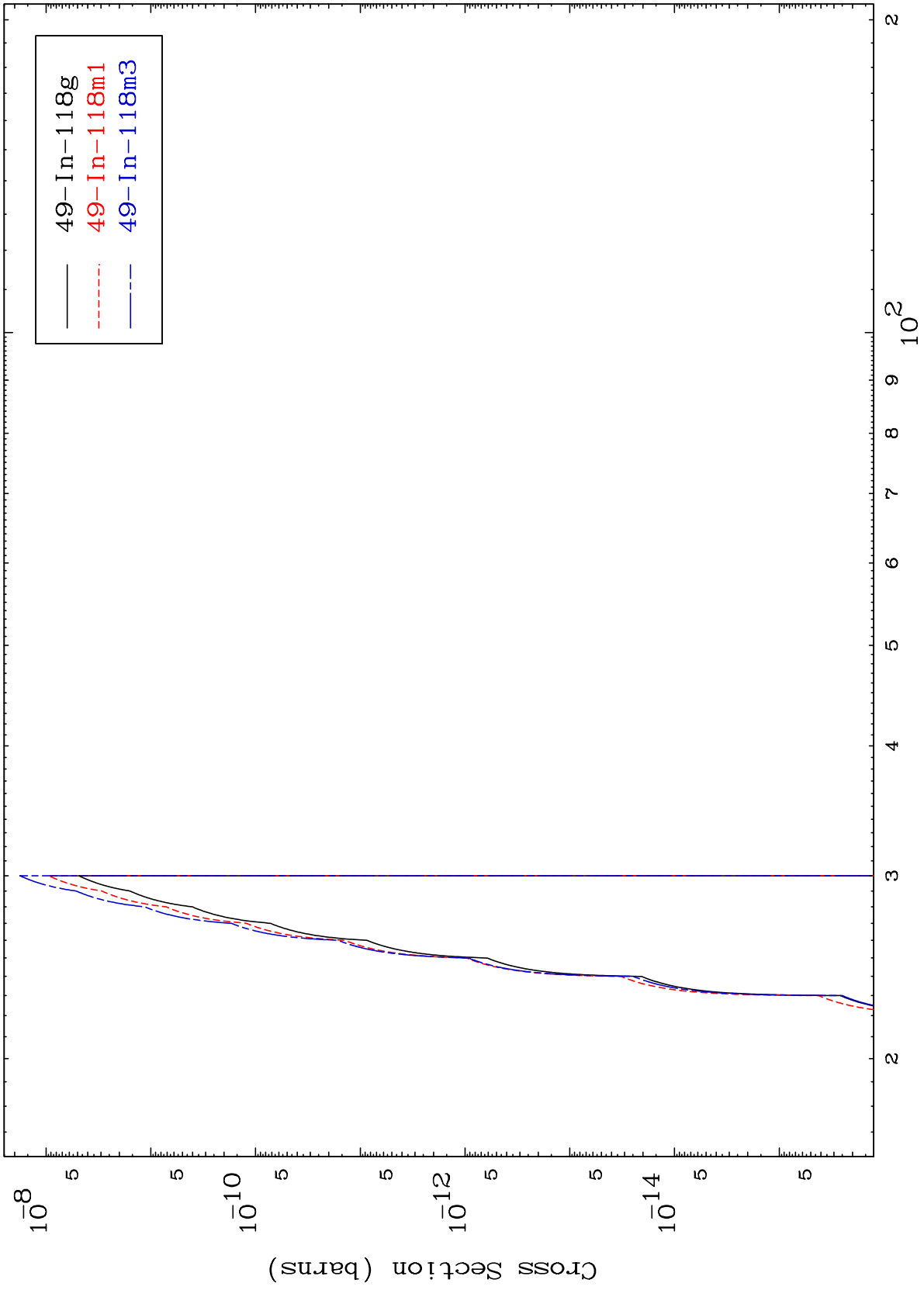
51-Sb-121

MAT 5125

(n,p) t

51-Sb-121

Radionuclide Production Cross Section



140

Incident Energy (MeV)

51-Sb-121