

Program EVALPLOT  
(Version 2018-1)

by

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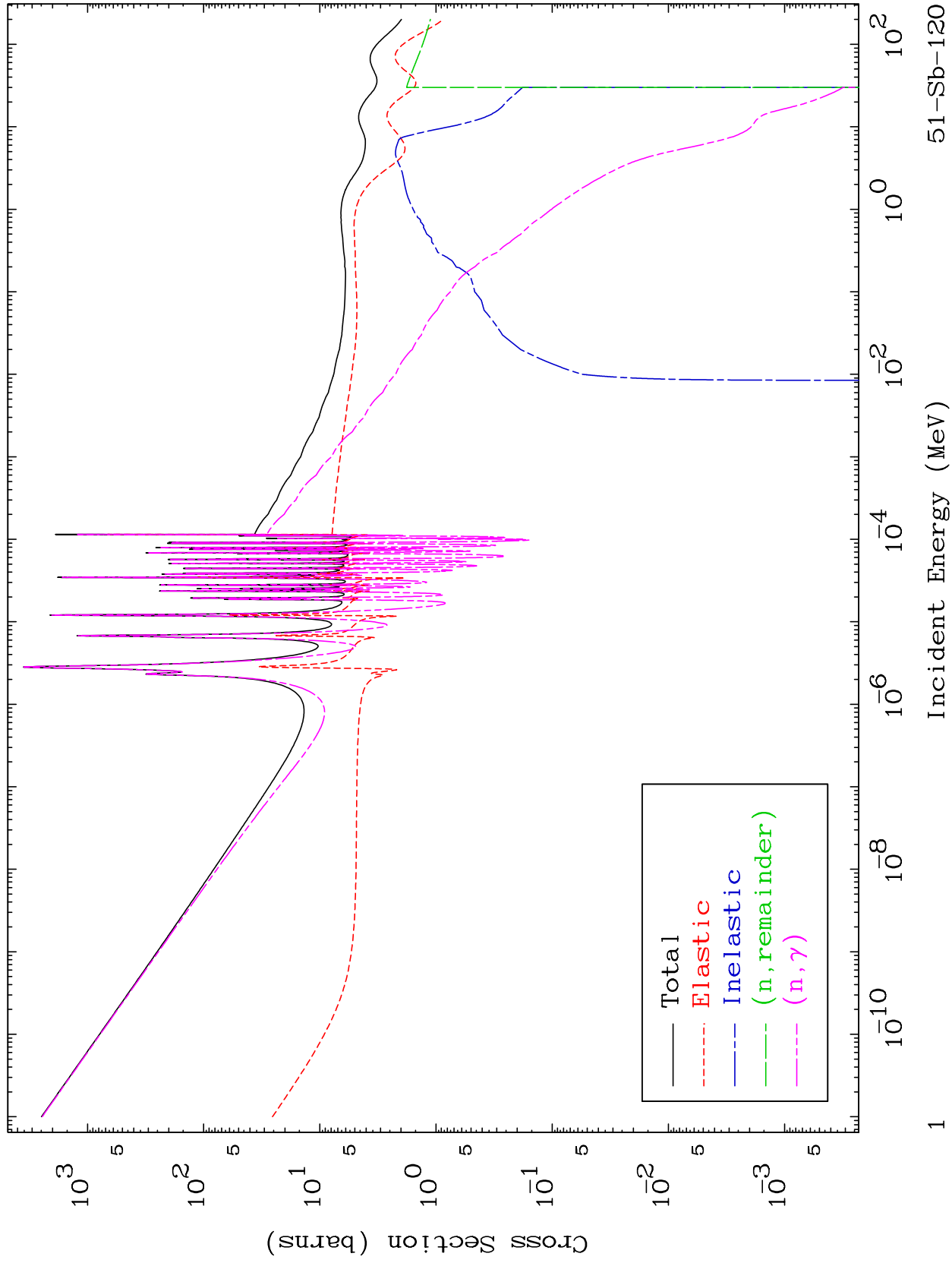
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5122

Major  
293 Kelvin Cross Sections

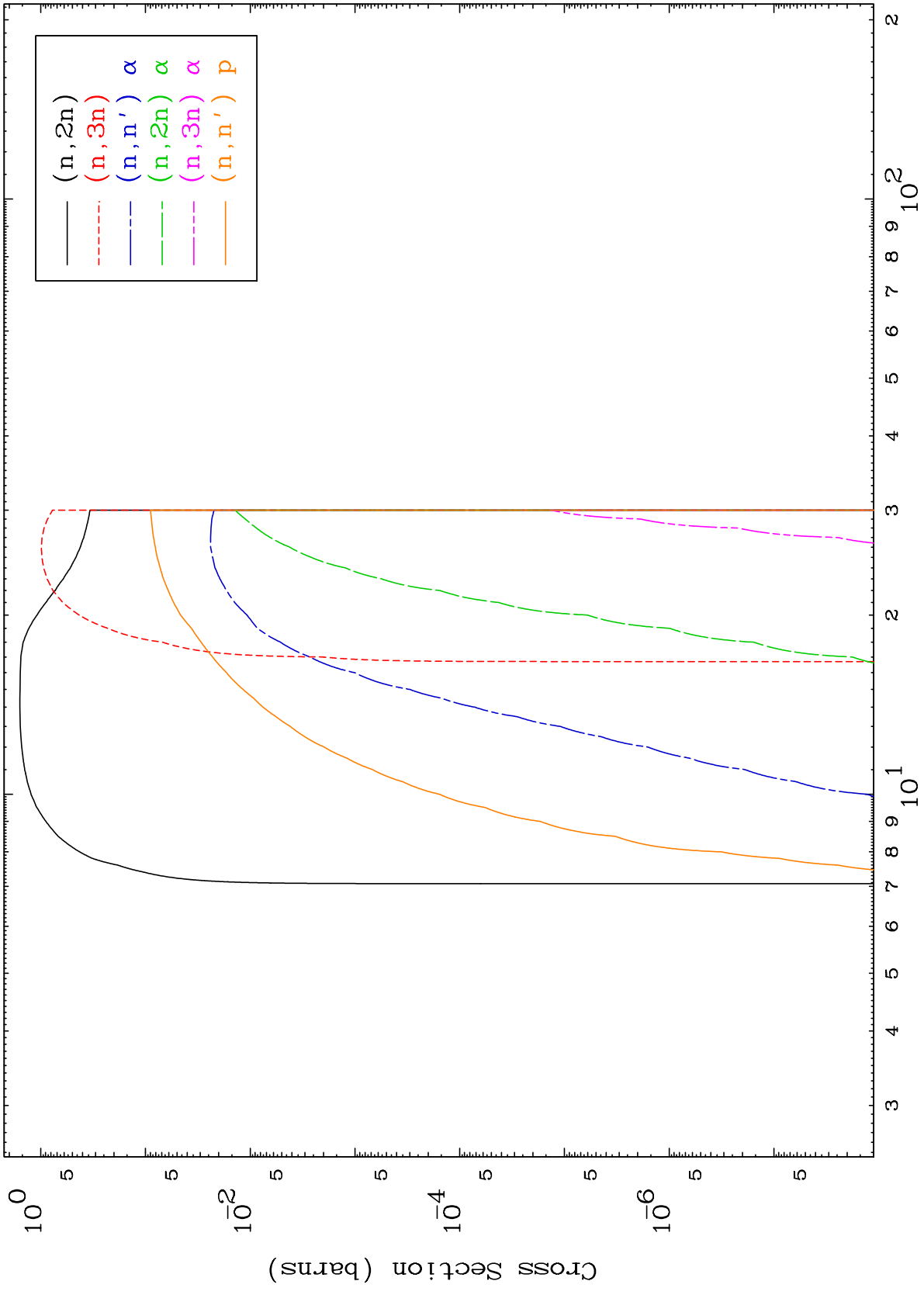
51-Sb-120



MAT 5122

### Neutron Production 293 Kelvin Cross Sections

51-Sb-120



2

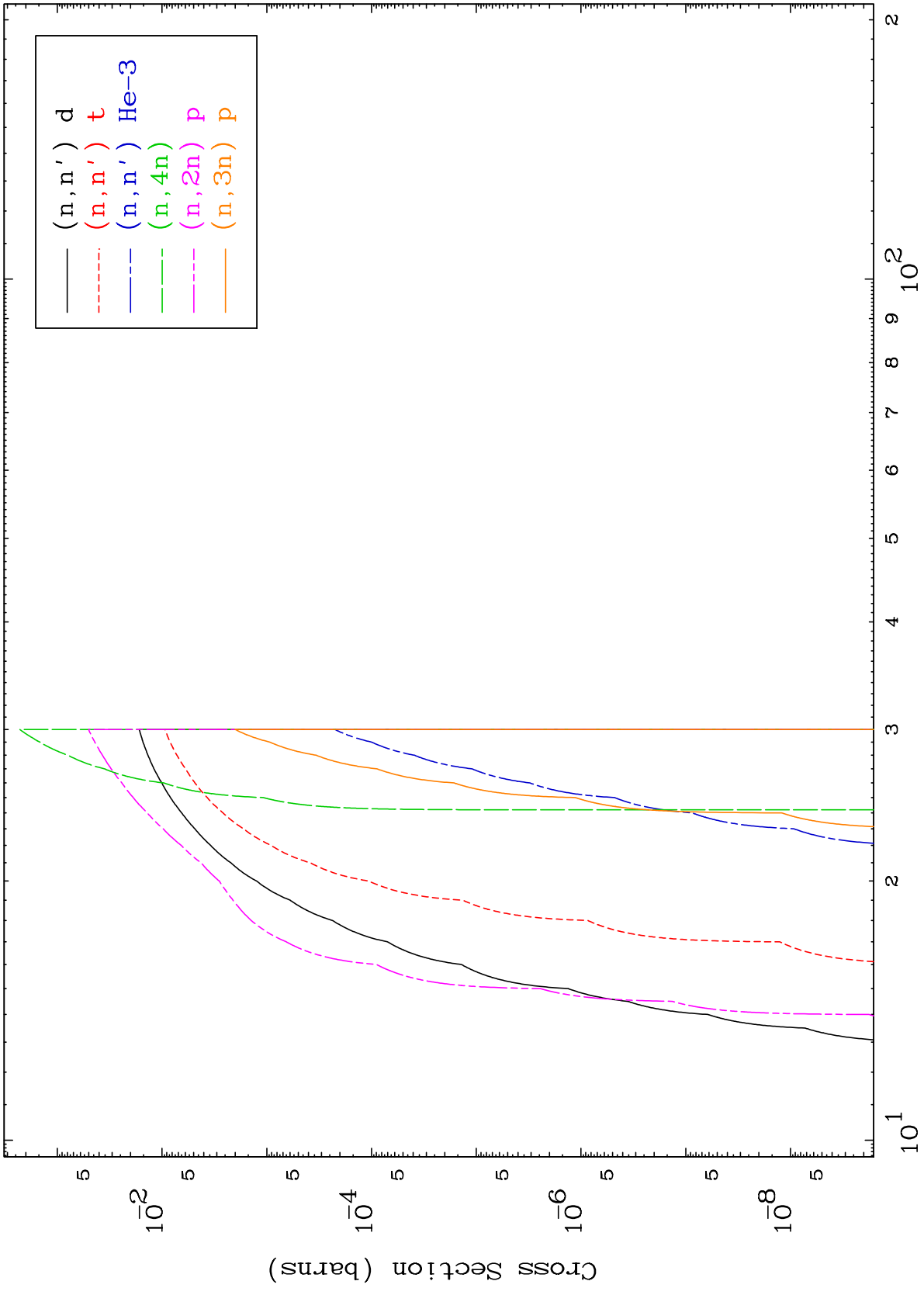
Incident Energy (MeV)

51-Sb-120

MAT 5122

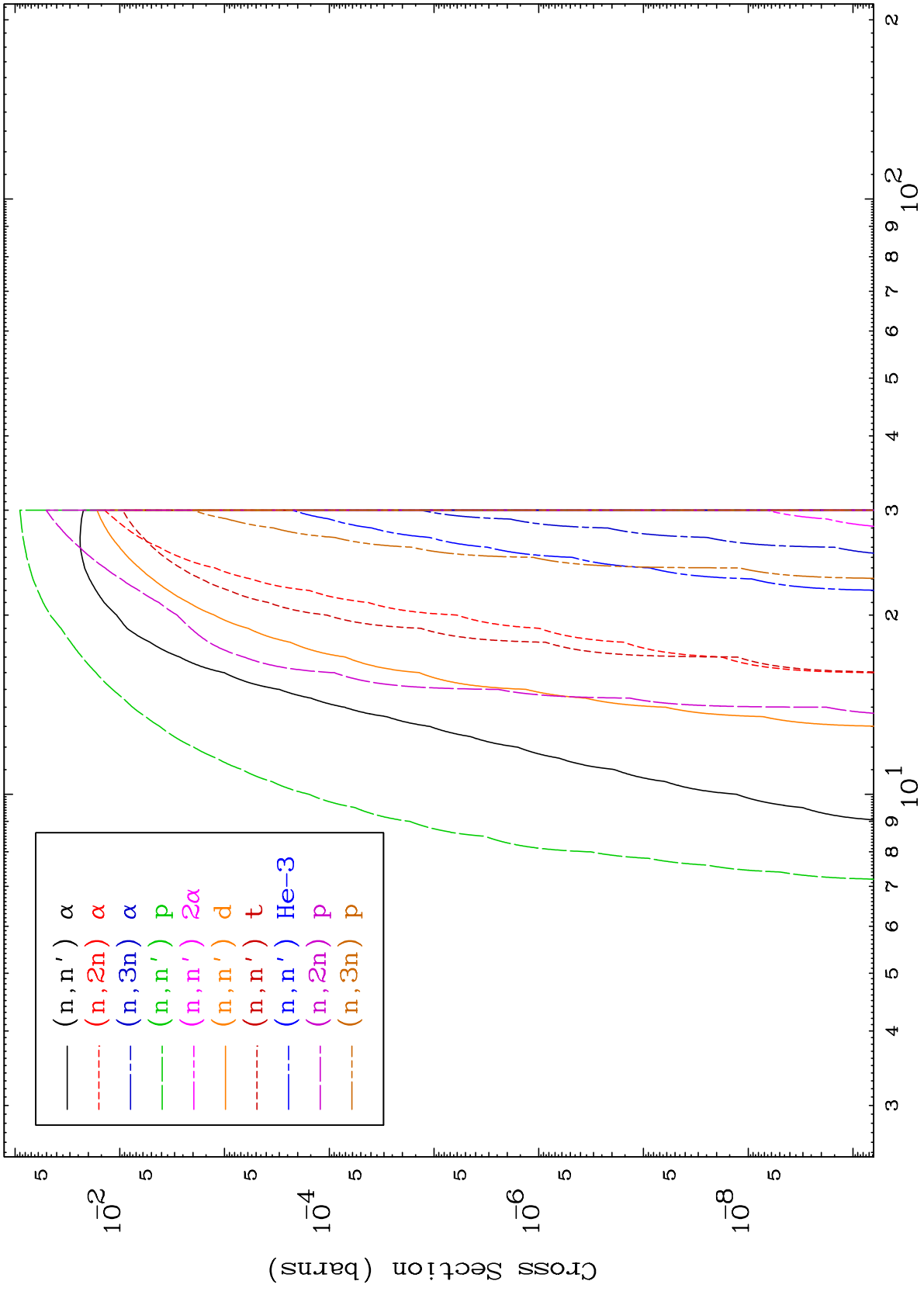
Neutron Production  
293 Kelvin Cross Sections

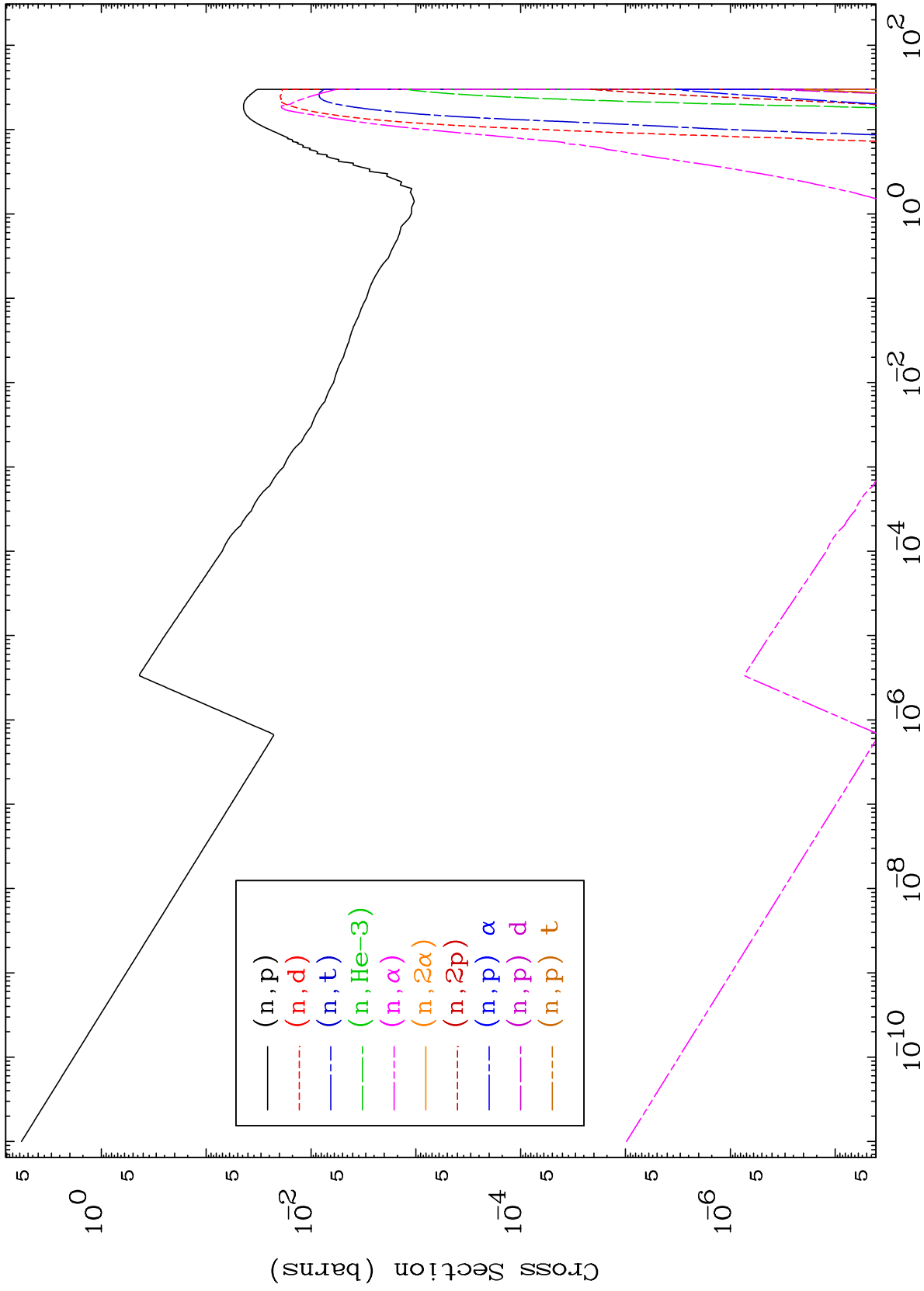
51-Sb-120



51-Sb-120

Incident Energy (MeV)

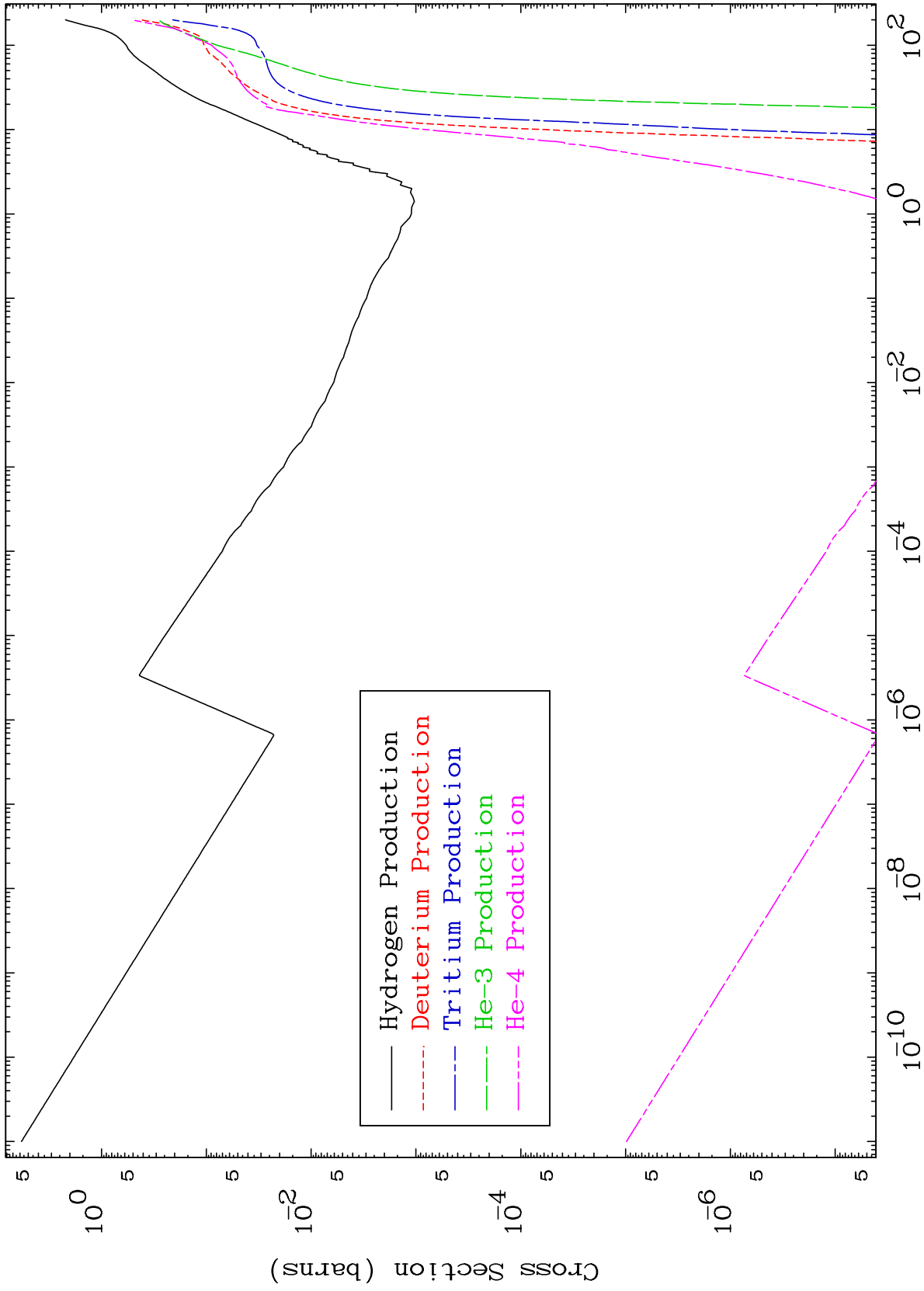




MAT 5122

Particle Production  
293 Kelvin Cross Sections

51-Sb-120



6

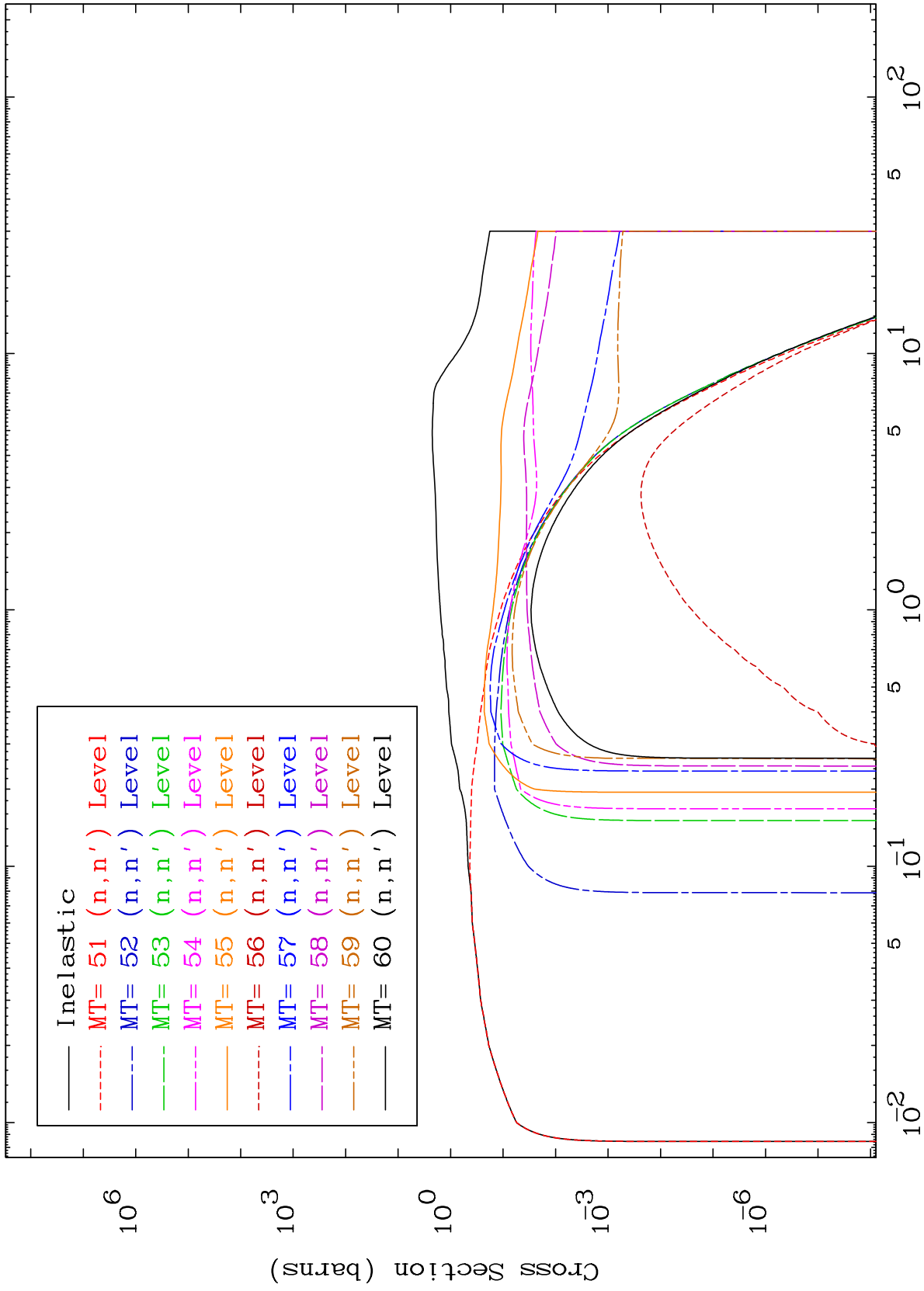
Incident Energy (MeV)

51-Sb-120

MAT 5122

293 Kelvin Cross Sections

51-Sb-120



7

Incident Energy (MeV)

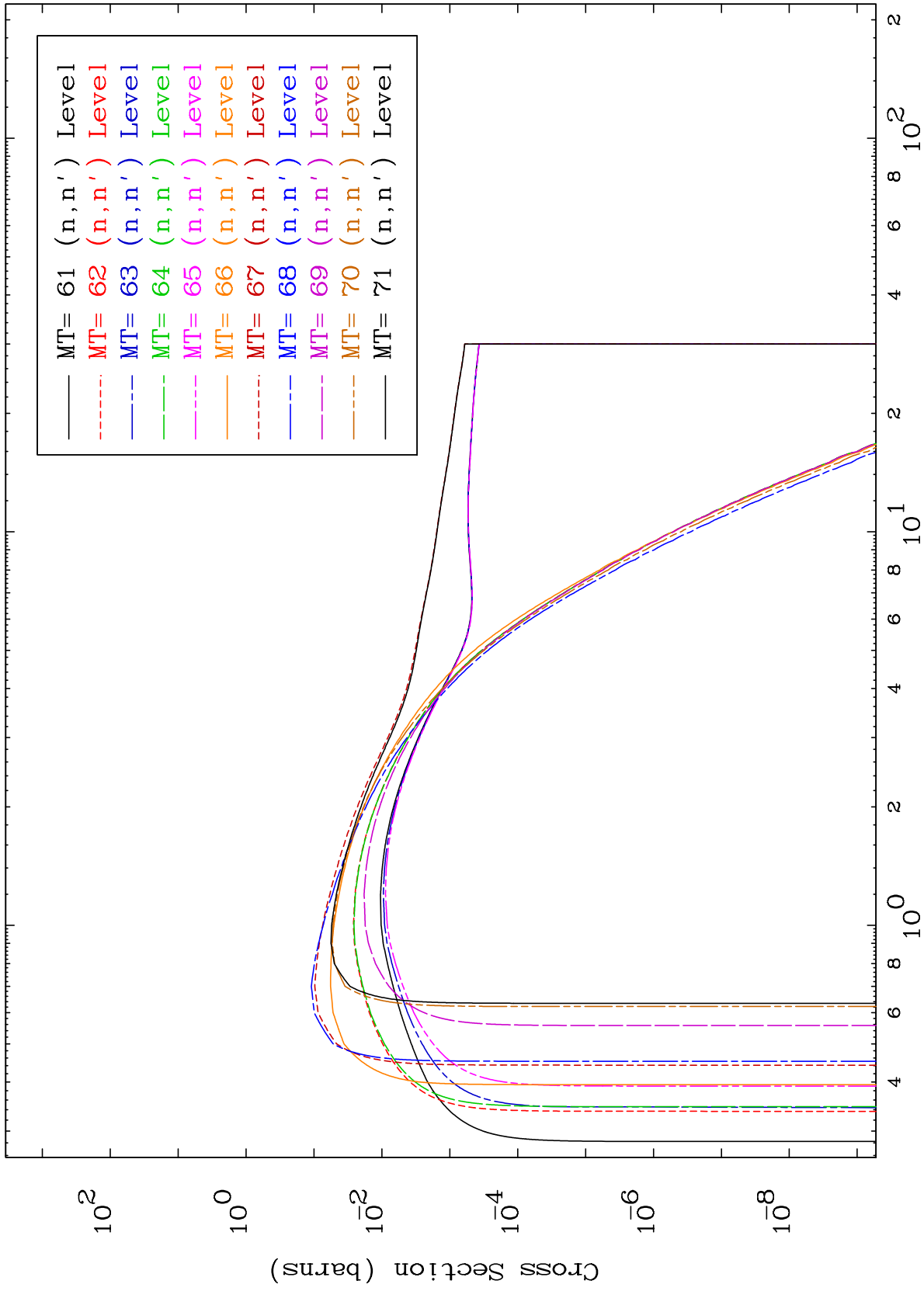
51-Sb-120



MAT 5122

(n,n') Level  
293 Kelvin Cross Sections

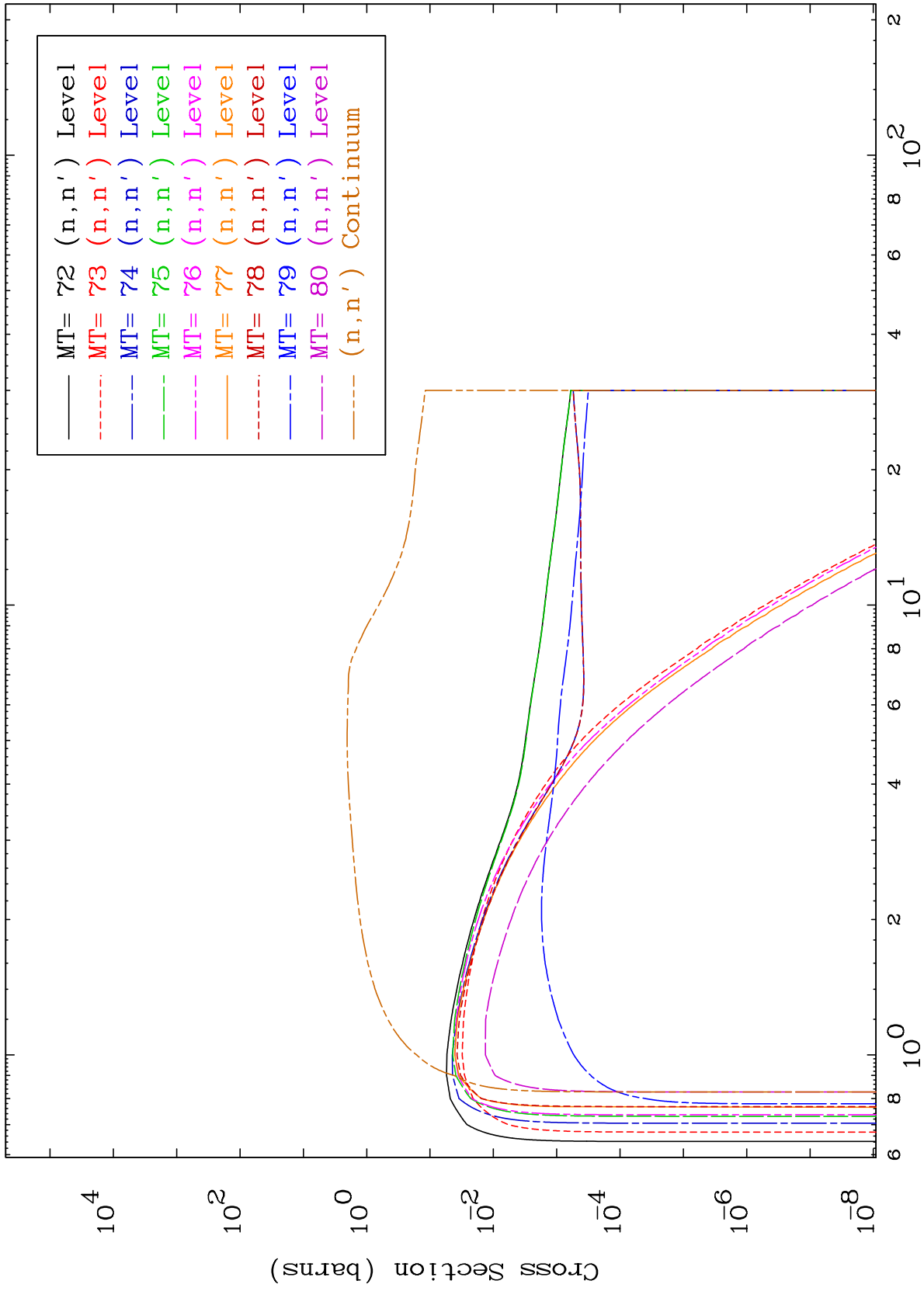
51-Sb-120



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Incident Energy (MeV)

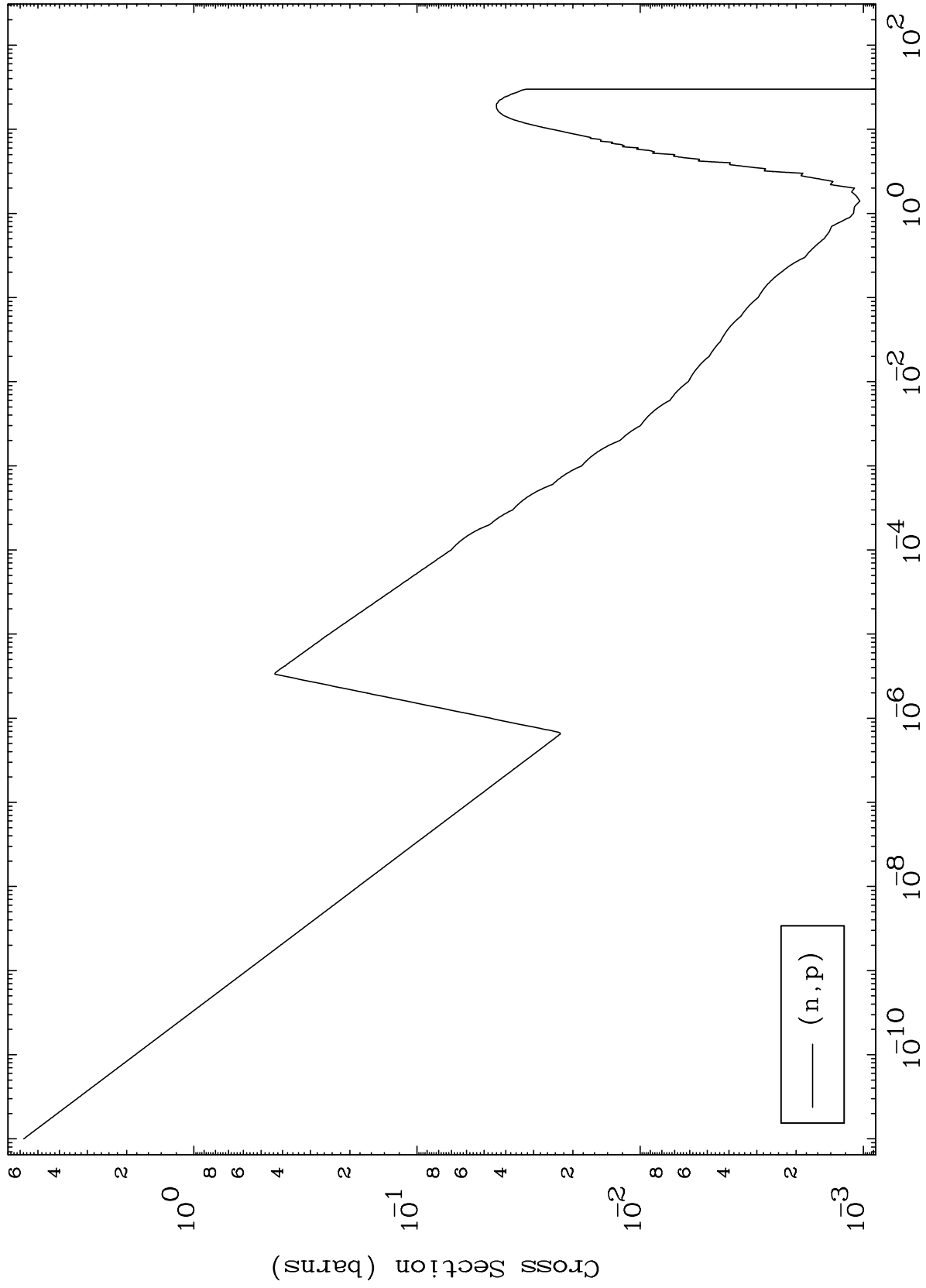
51-Sb-120



MAT 5122

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-120



10

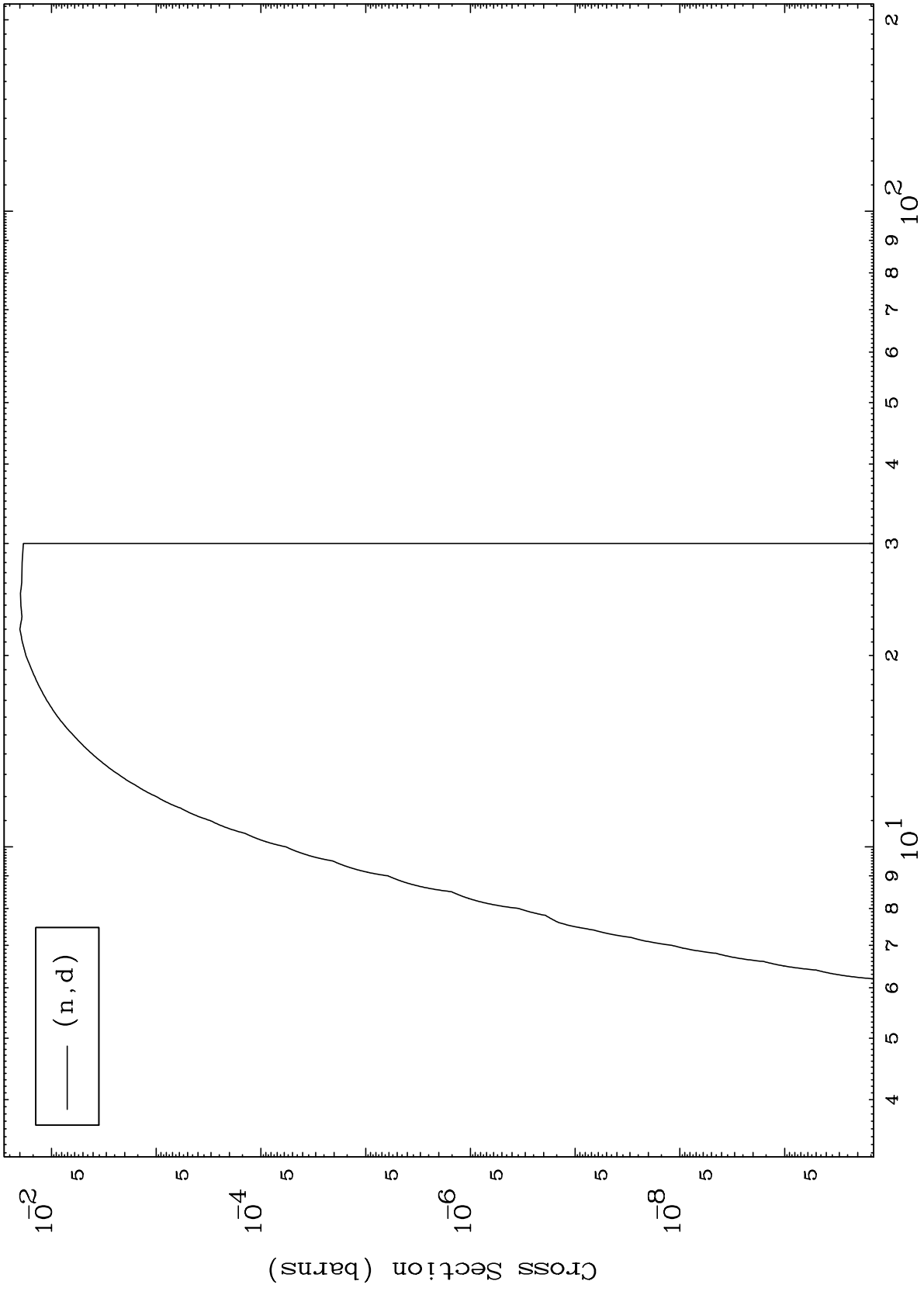
Incident Energy (MeV)

51-Sb-120

MAT 5122

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-120



11

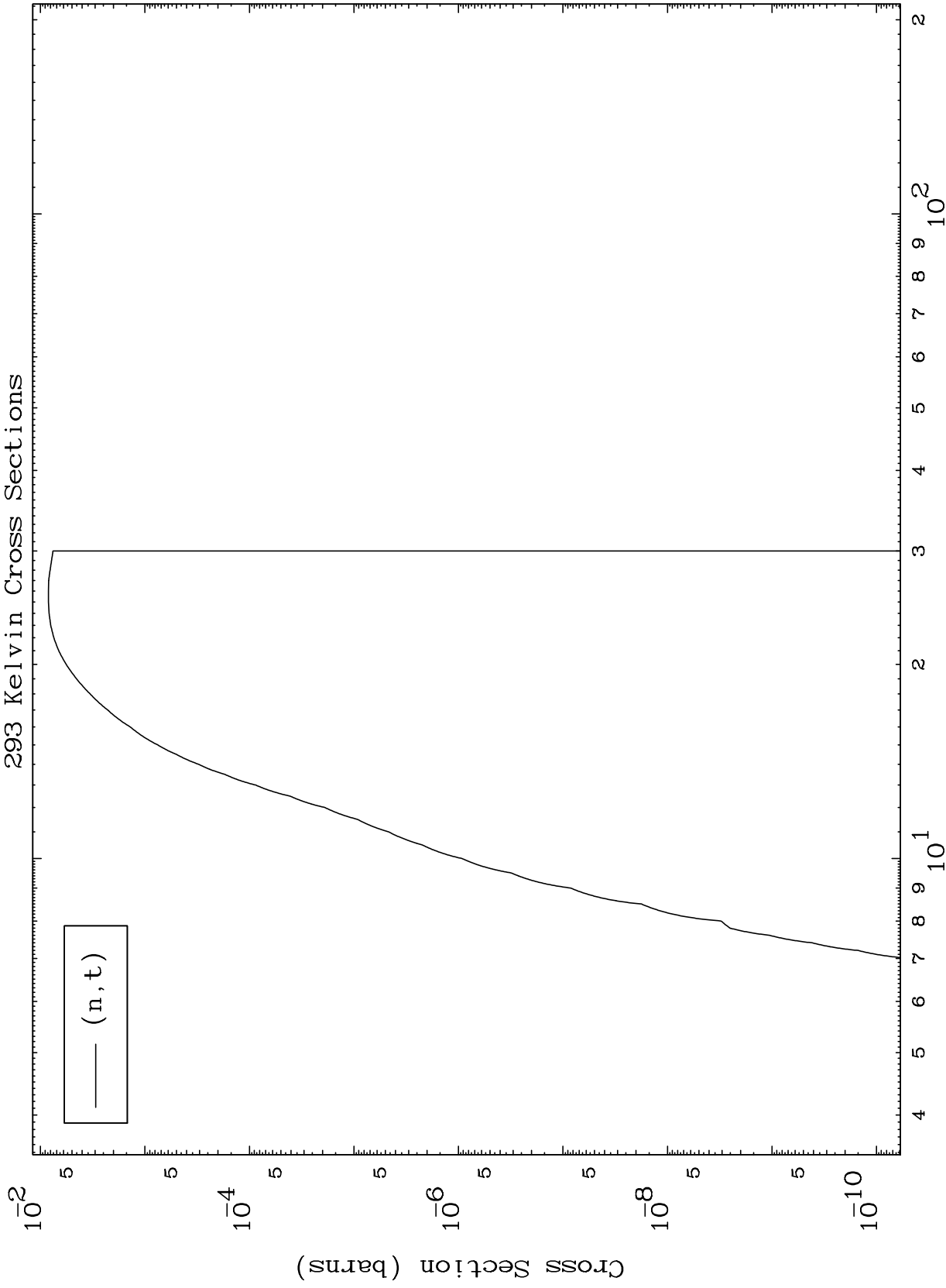
Incident Energy (MeV)

51-Sb-120

MAT 5122

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-120



12

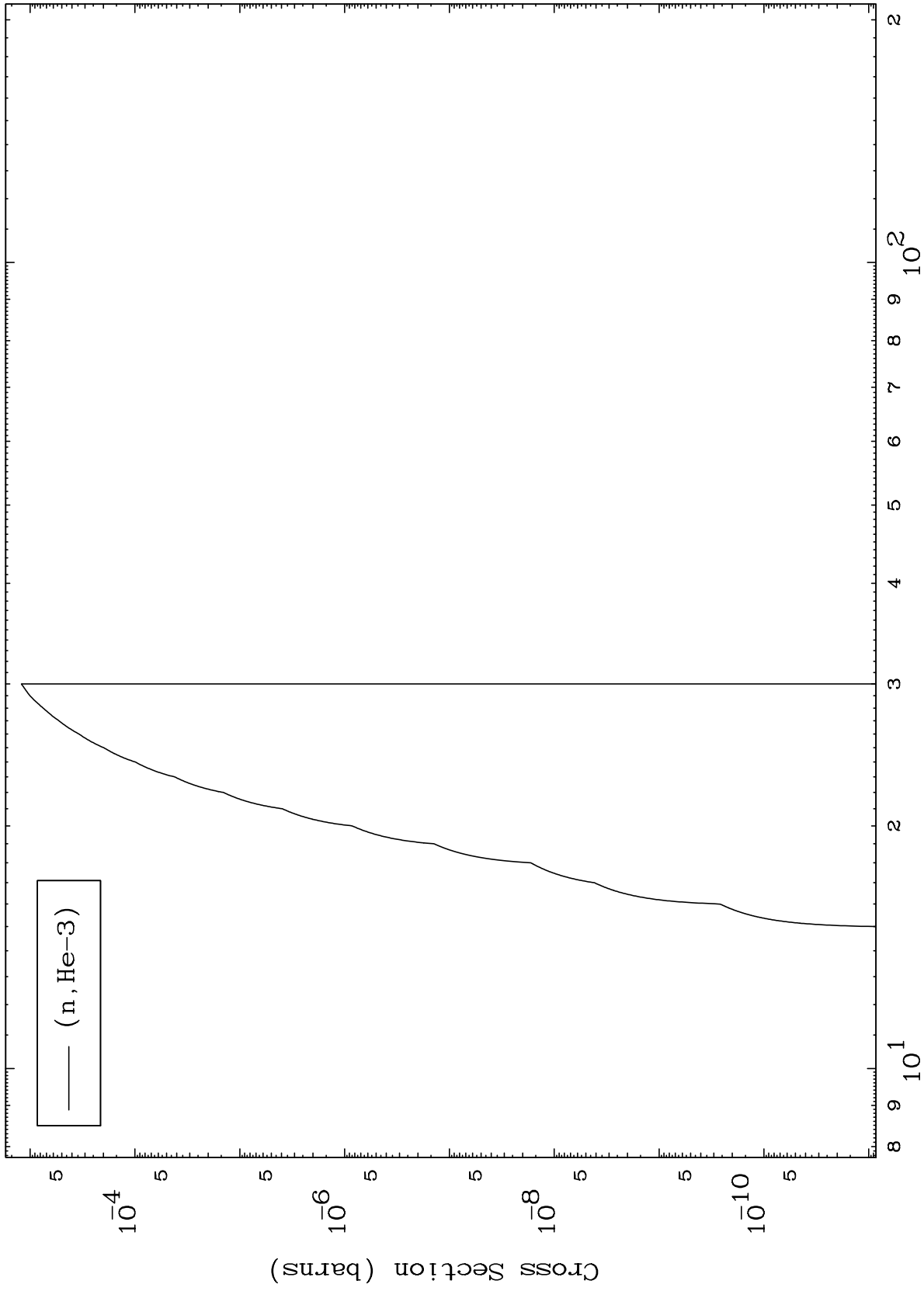
Incident Energy (MeV)

51-Sb-120

MAT 5122

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-120



13

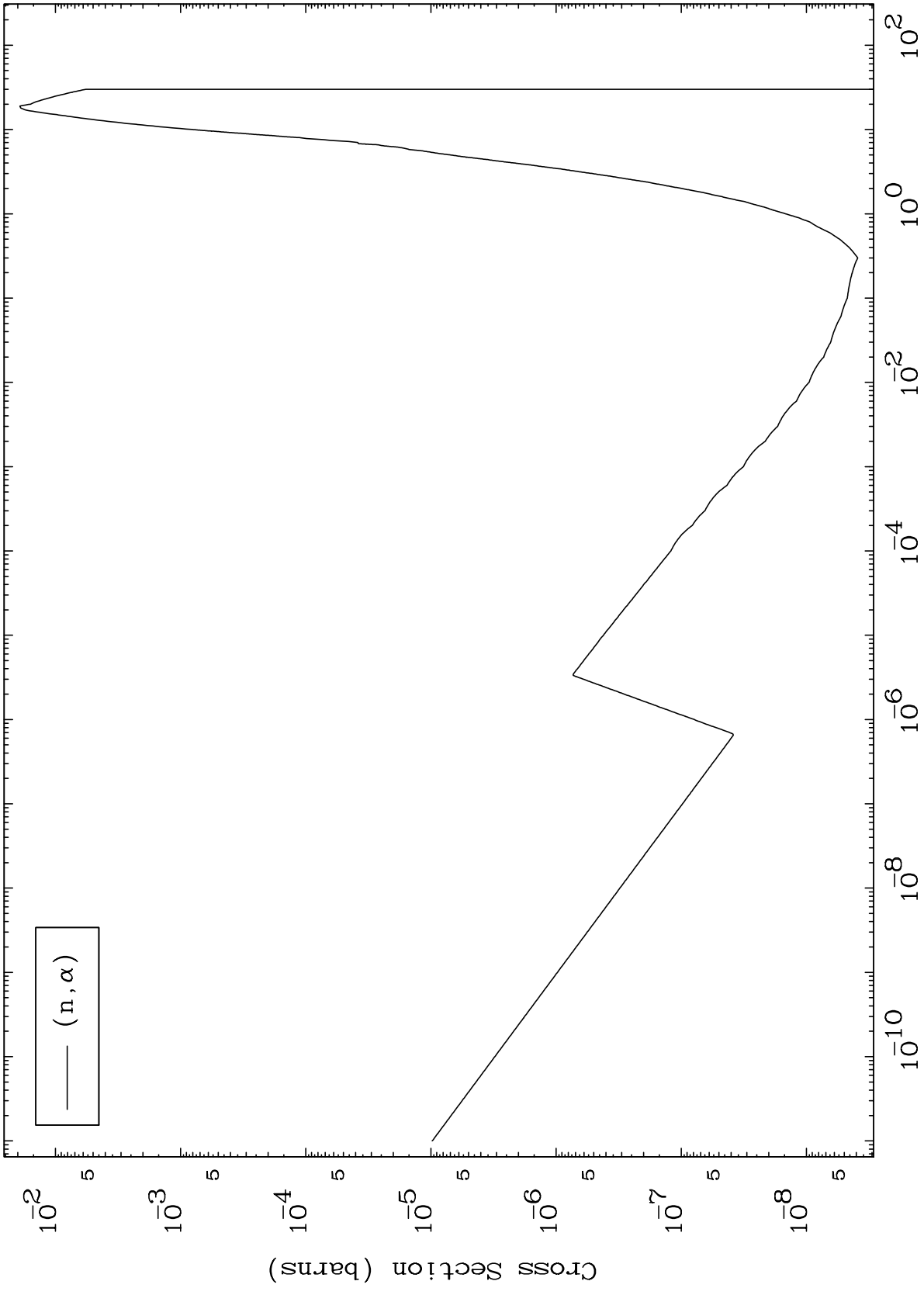
Incident Energy (MeV)

51-Sb-120

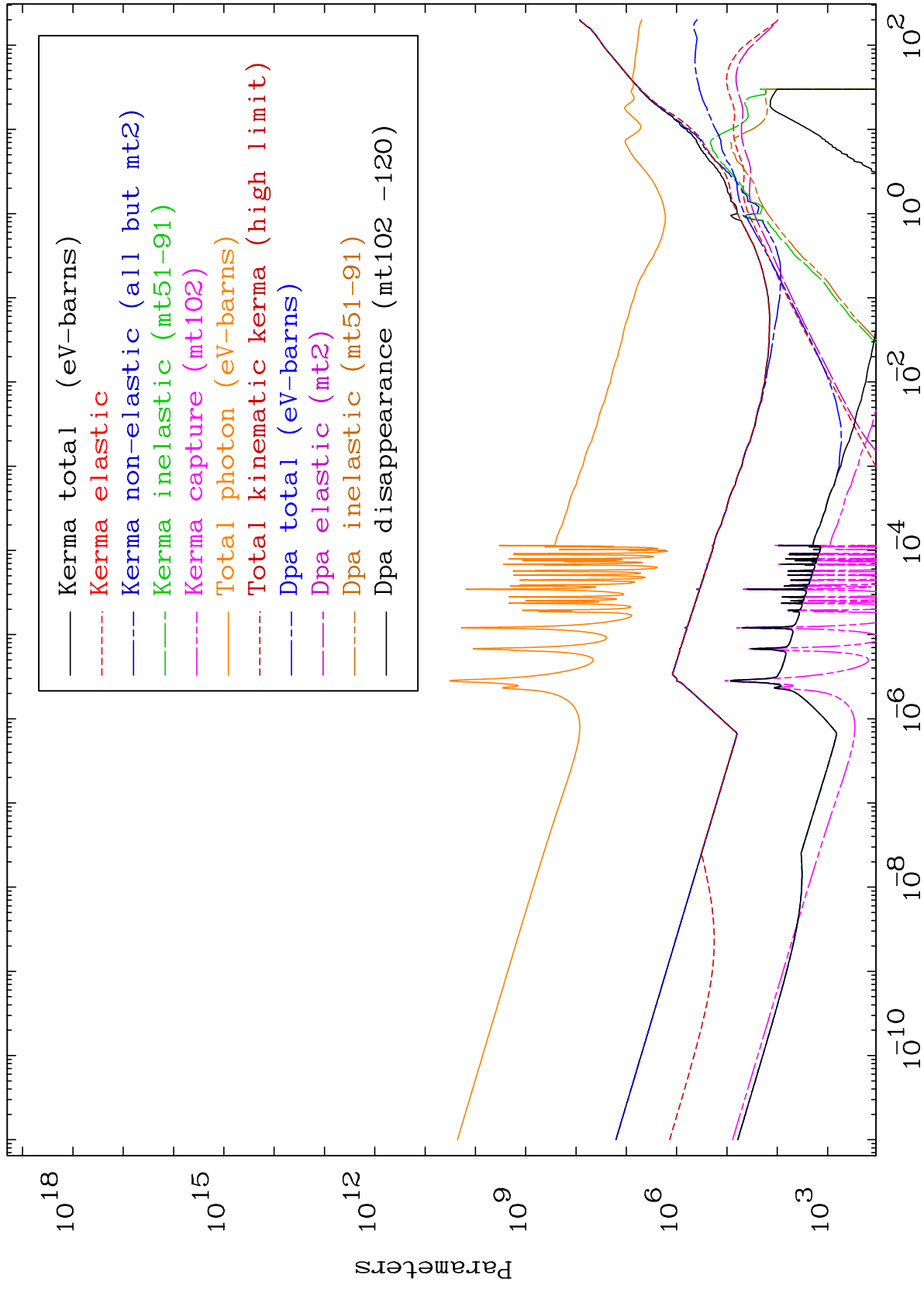
MAT 5122

(n,α) Levels  
293 Kelvin Cross Sections

51-Sb-120



51-Sb-120

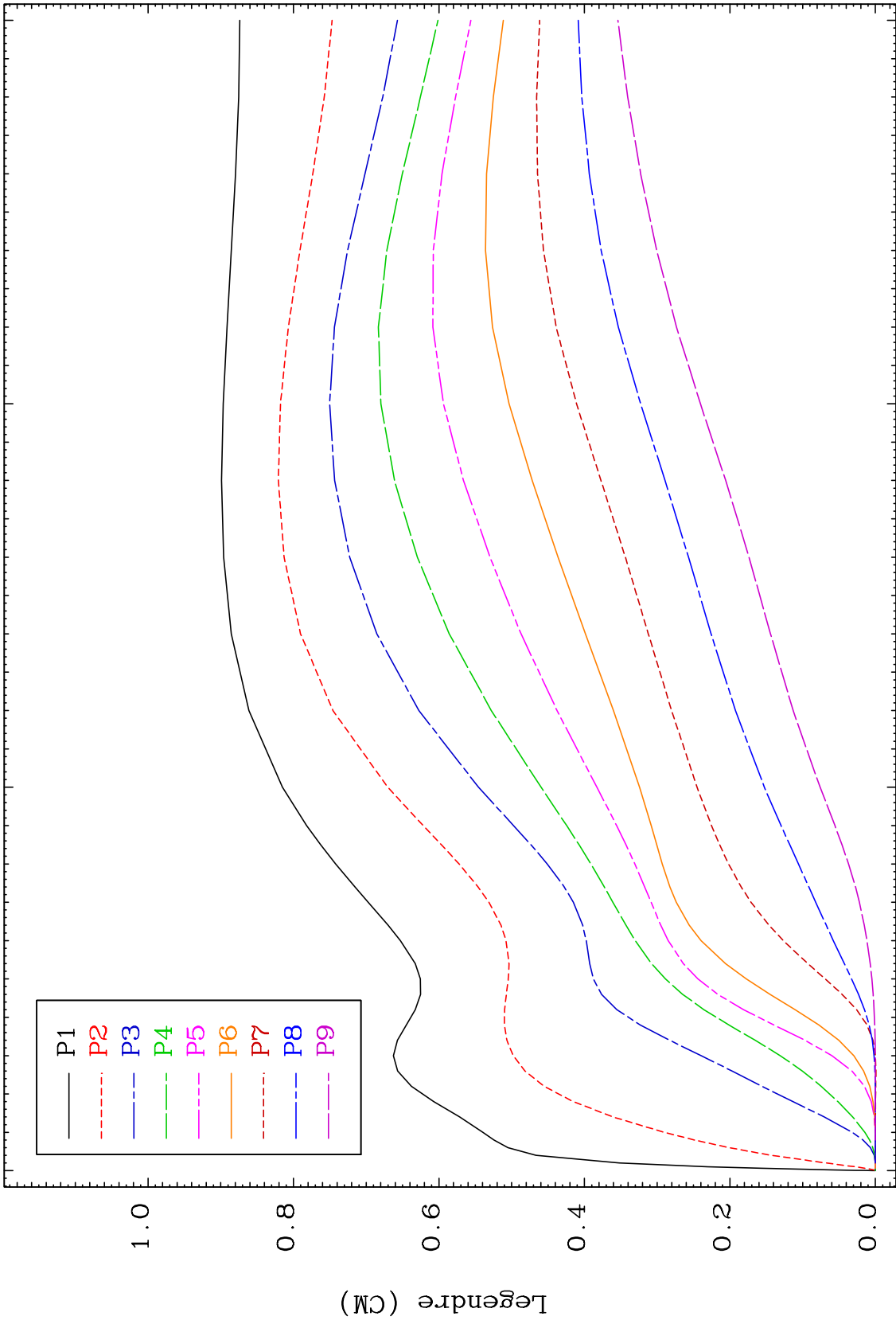




MAT 5122

Elastic Legendre Coefficients

51-Sb-120



16

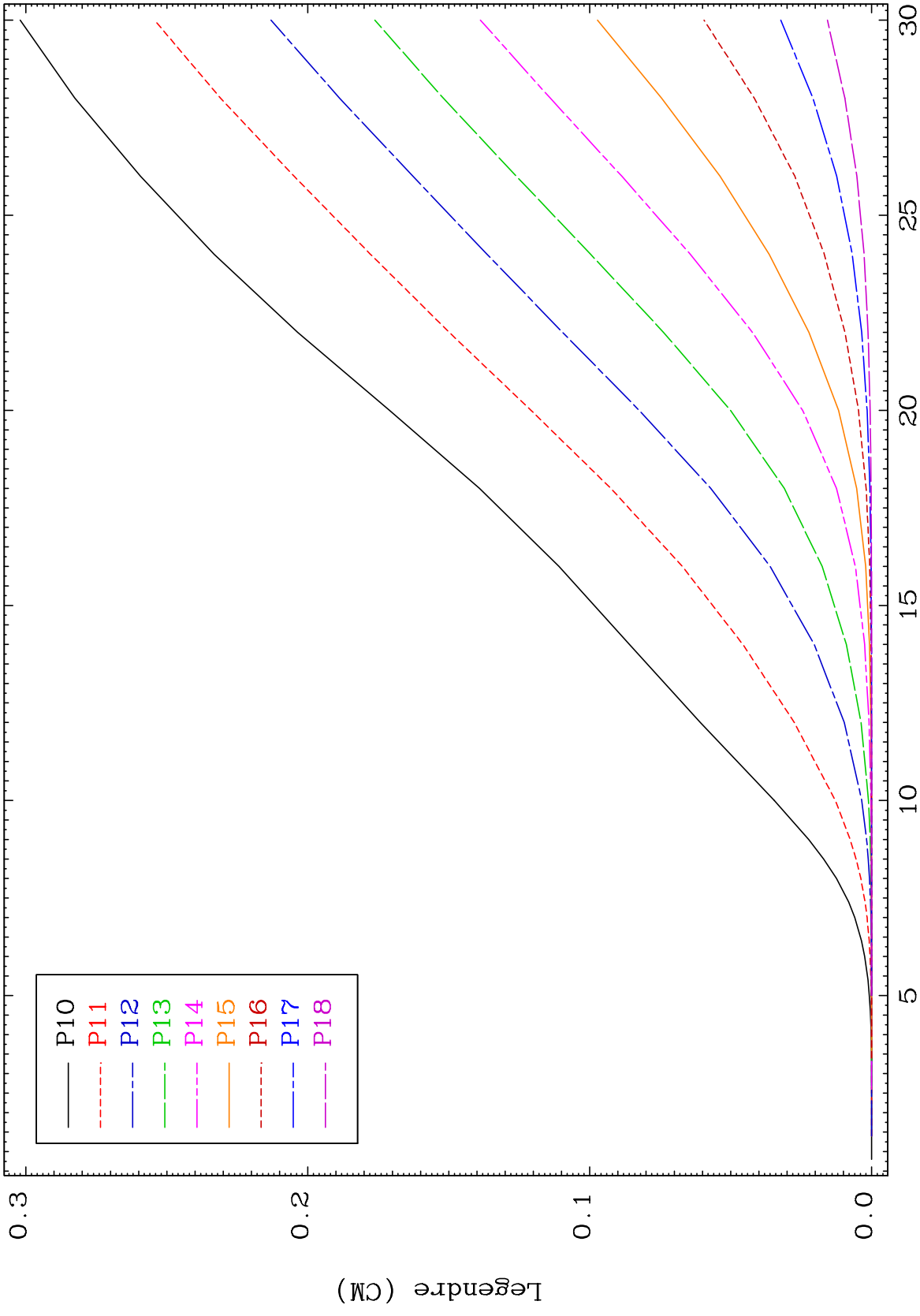
Incident Energy (MeV)

51-Sb-120

MAT 5122

Elastic Legendre Coefficients

51-Sb-120



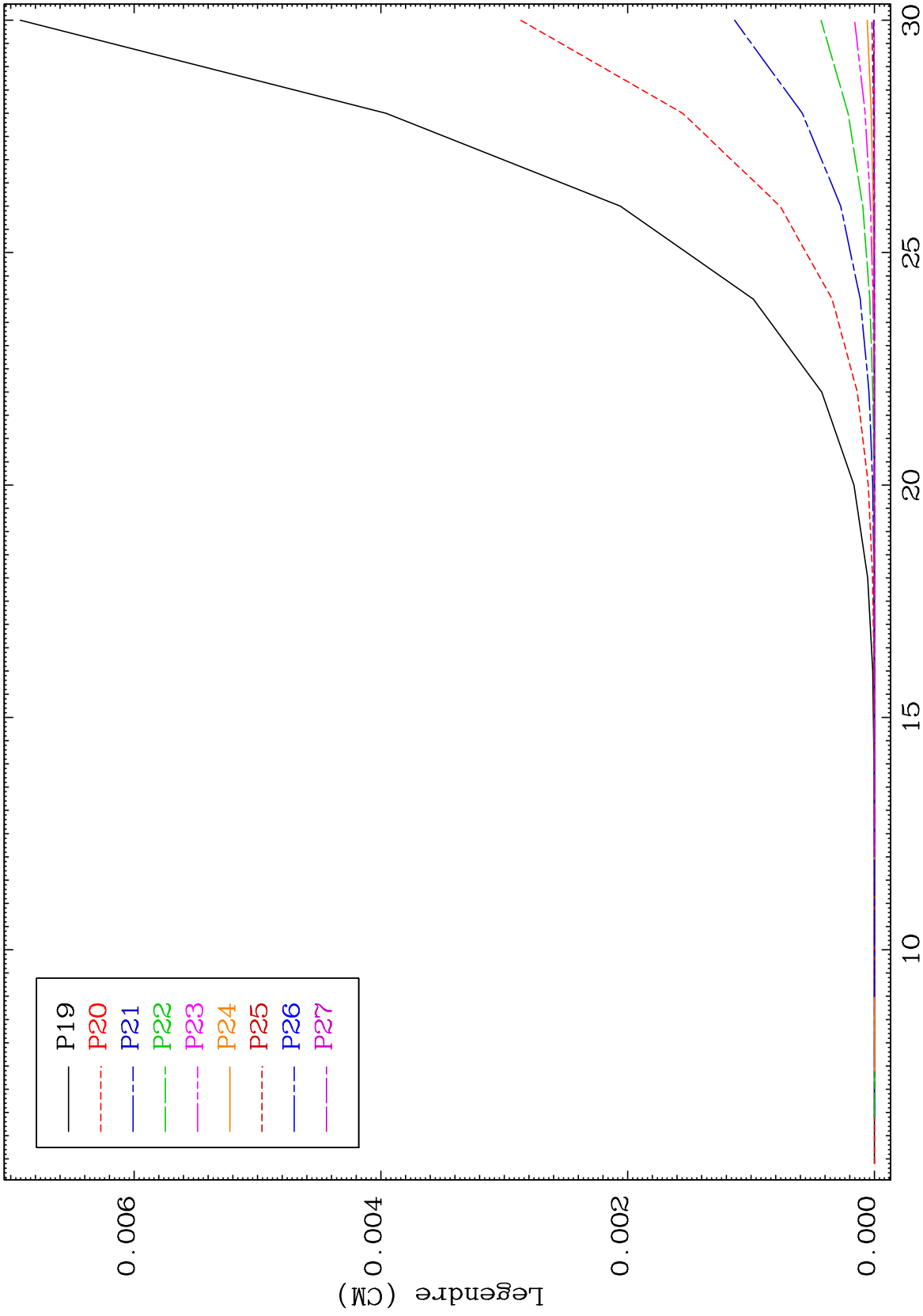
17

51-Sb-120

MAT 5122

### Elastic Legendre Coefficients

51-Sb-120



18

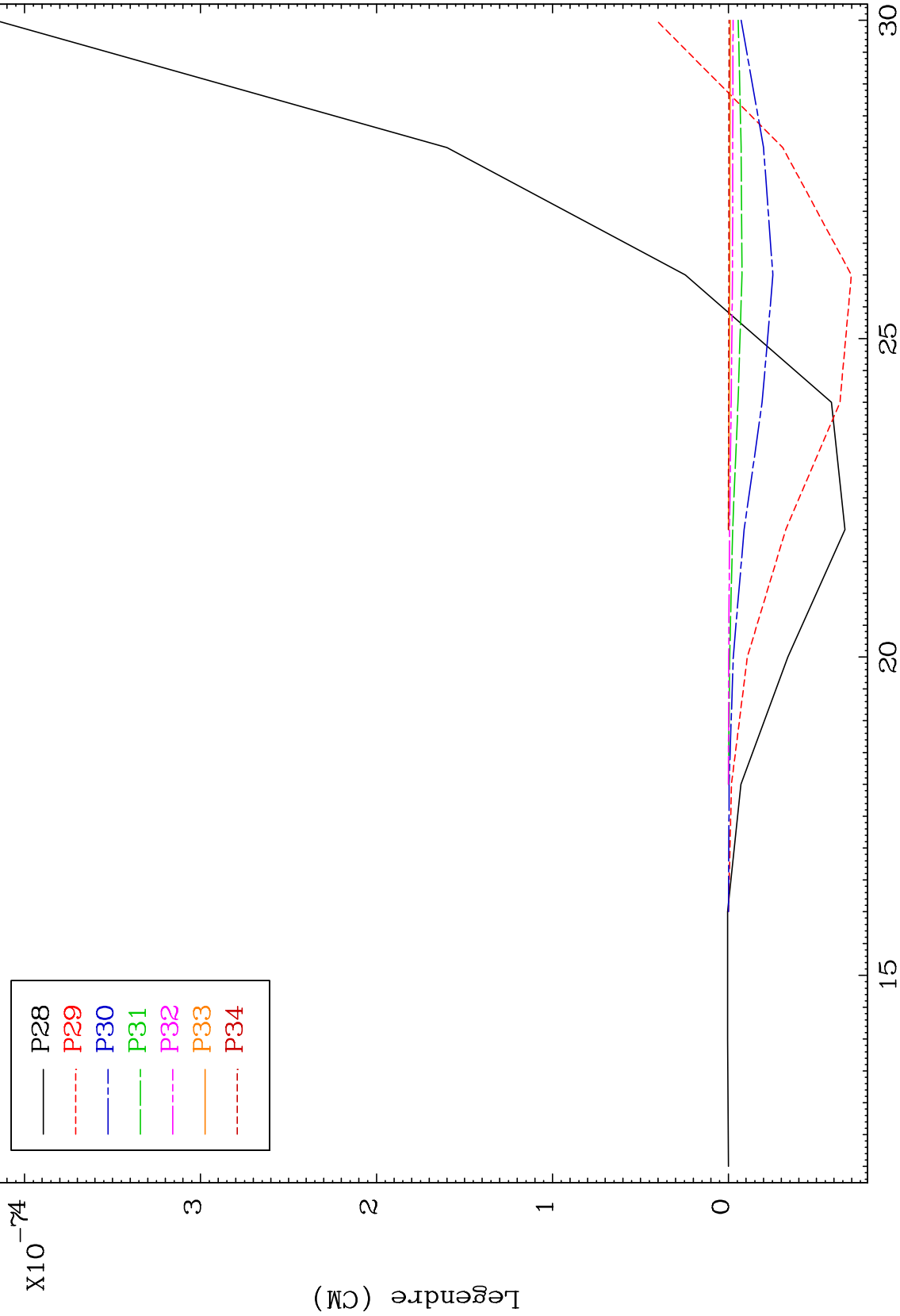
Incident Energy (MeV)

51-Sb-120

MAT 5122

Elastic Legendre Coefficients

51-Sb-120

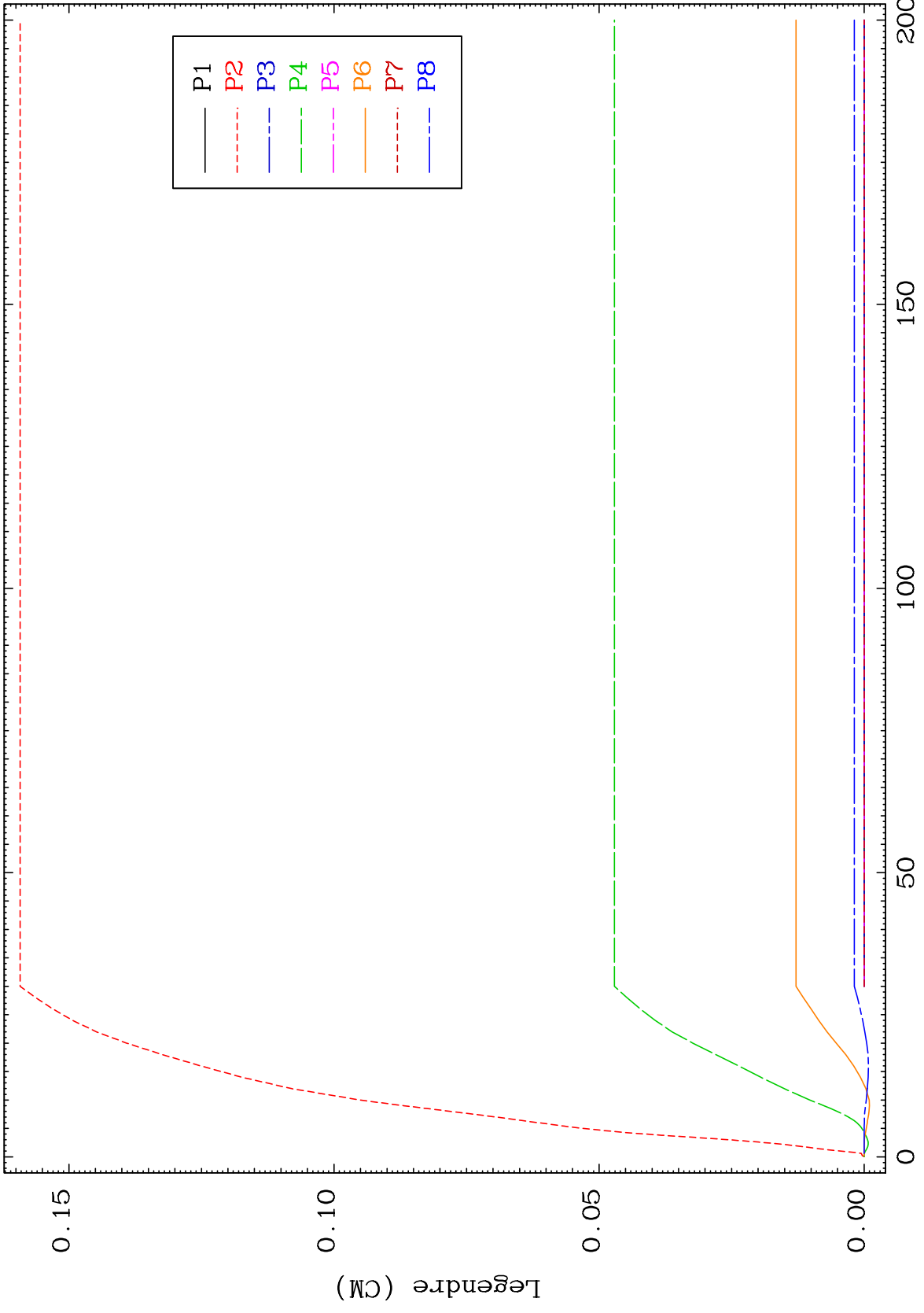


19

Incident Energy (MeV)

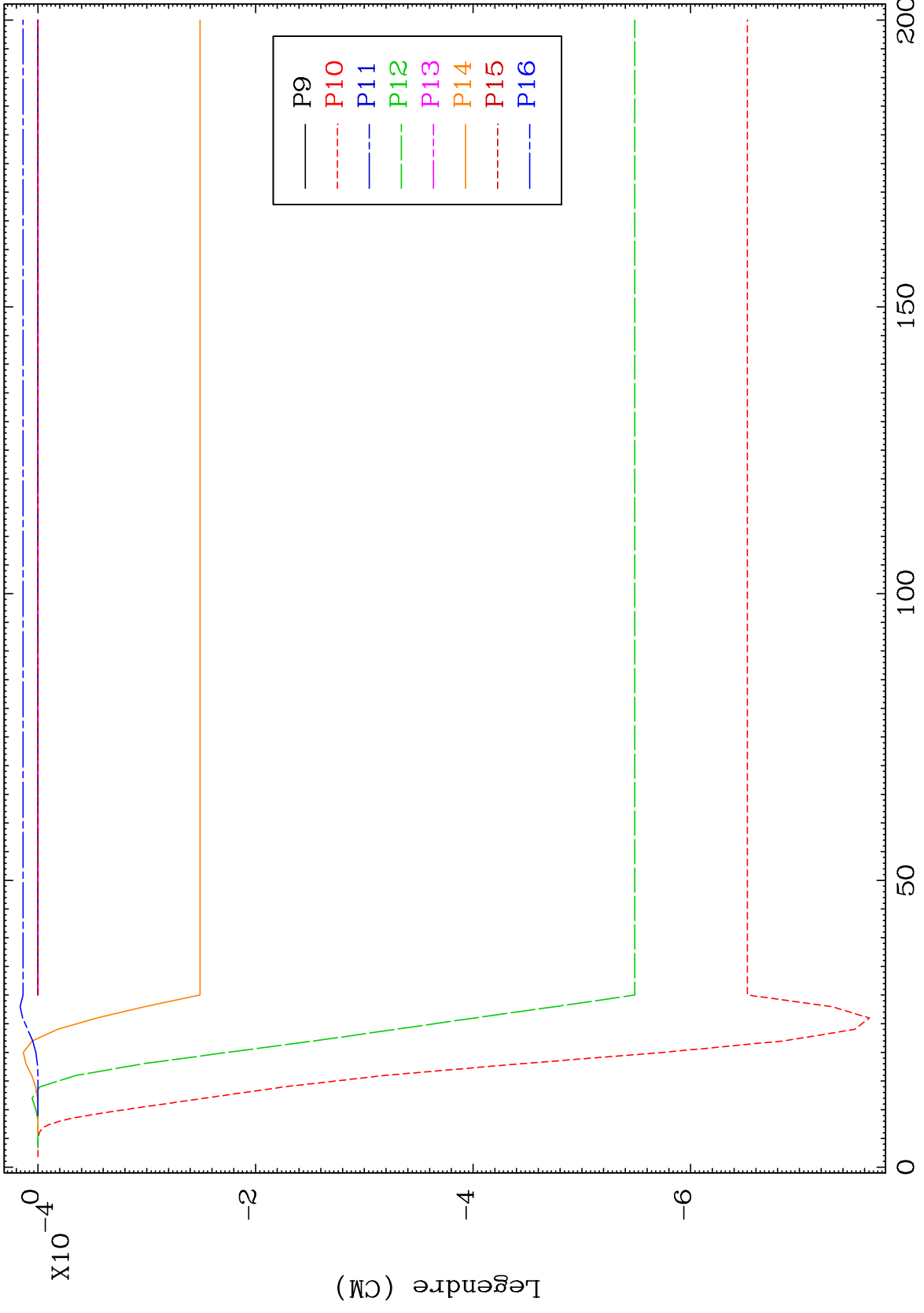
51-Sb-120

MAT 5122 MT= 51 (n,n') Level Legendre Coefficients 51-Sb-120



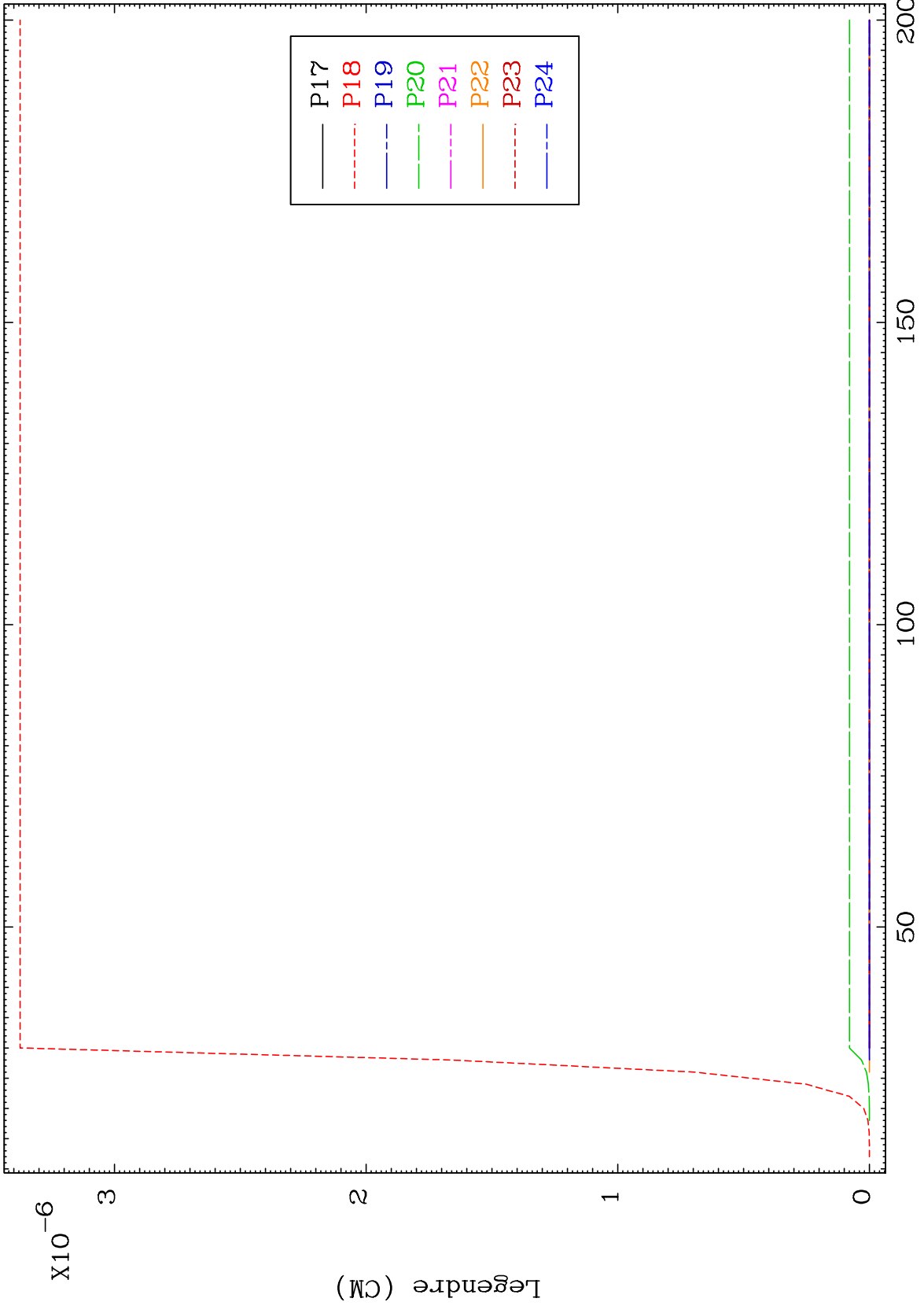
Legendre (CM) Incident Energy (MeV) 51-Sb-120

MAT 5122 MT= 51 (n,n') Level Legendre Coefficients 51-Sb-120



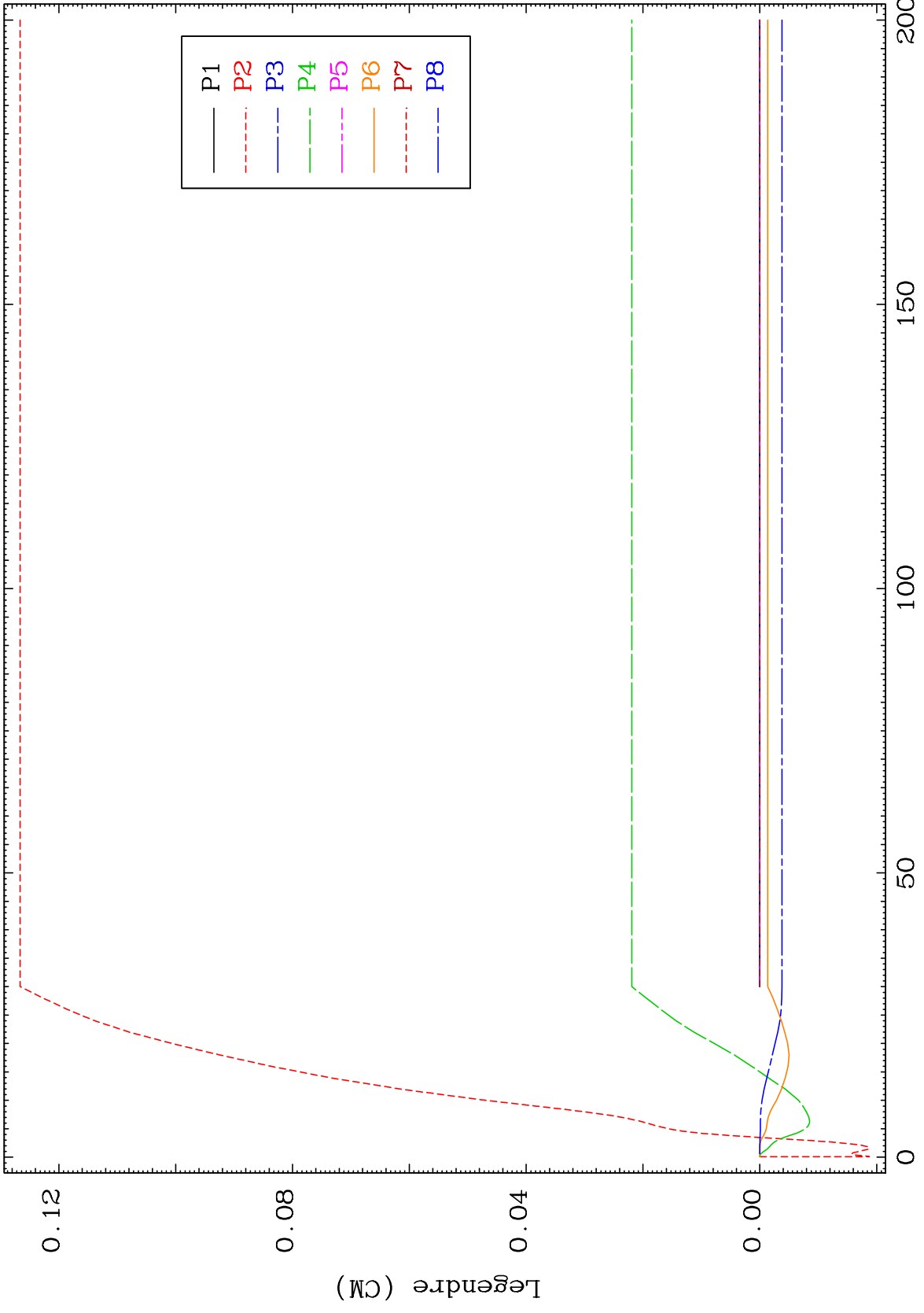
21 51-Sb-120

MAT 5122 MT= 51 (n,n') Level Legendre Coefficients 51-Sb-120



22 Incident Energy (MeV) 51-Sb-120

MAT 5122 MT= 52 (n,n') Level Legendre Coefficients 51-Sb-120



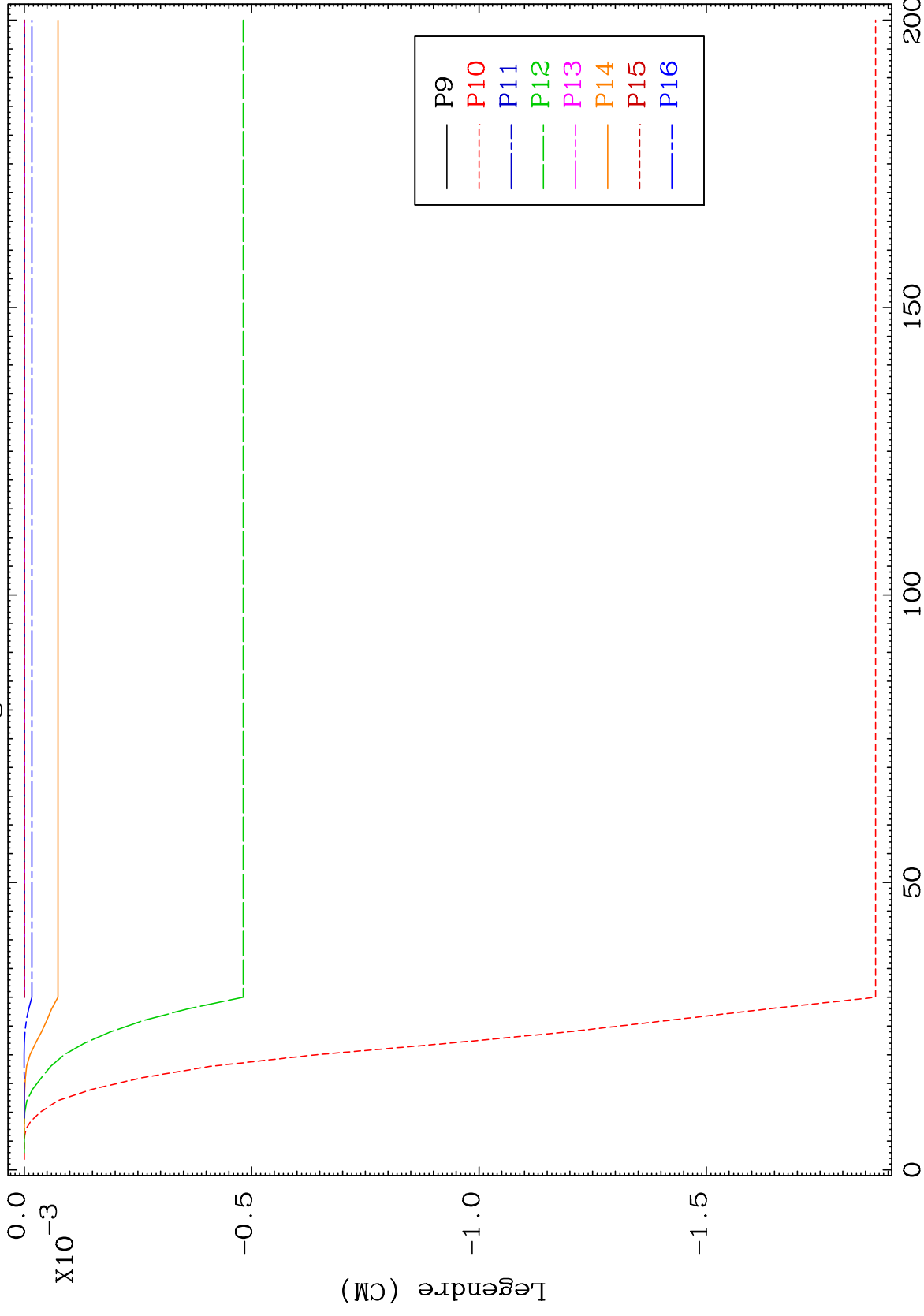
23 51-Sb-120



MAT 5122

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

51-Sb-120

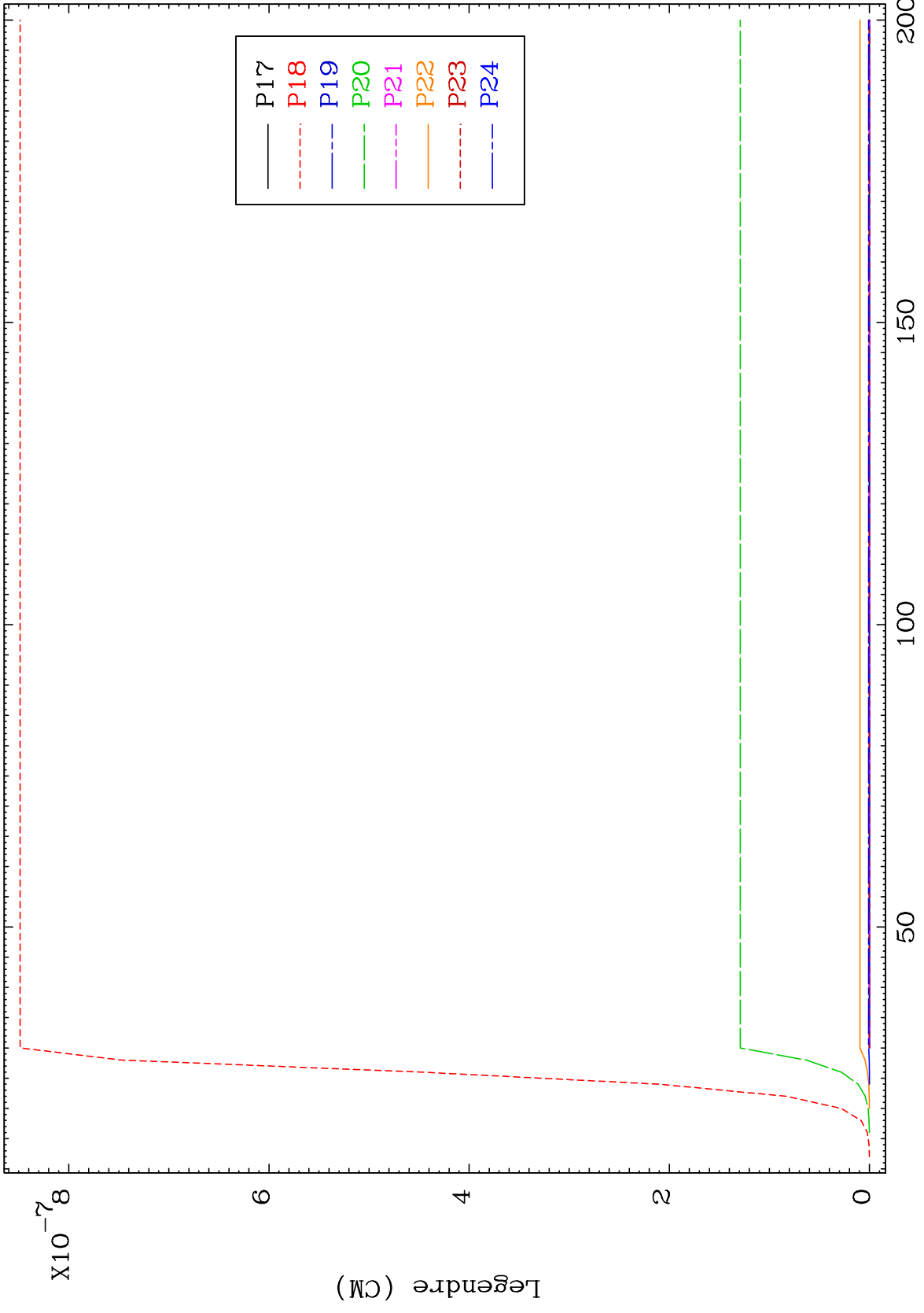


51-Sb-120

Incident Energy (MeV)

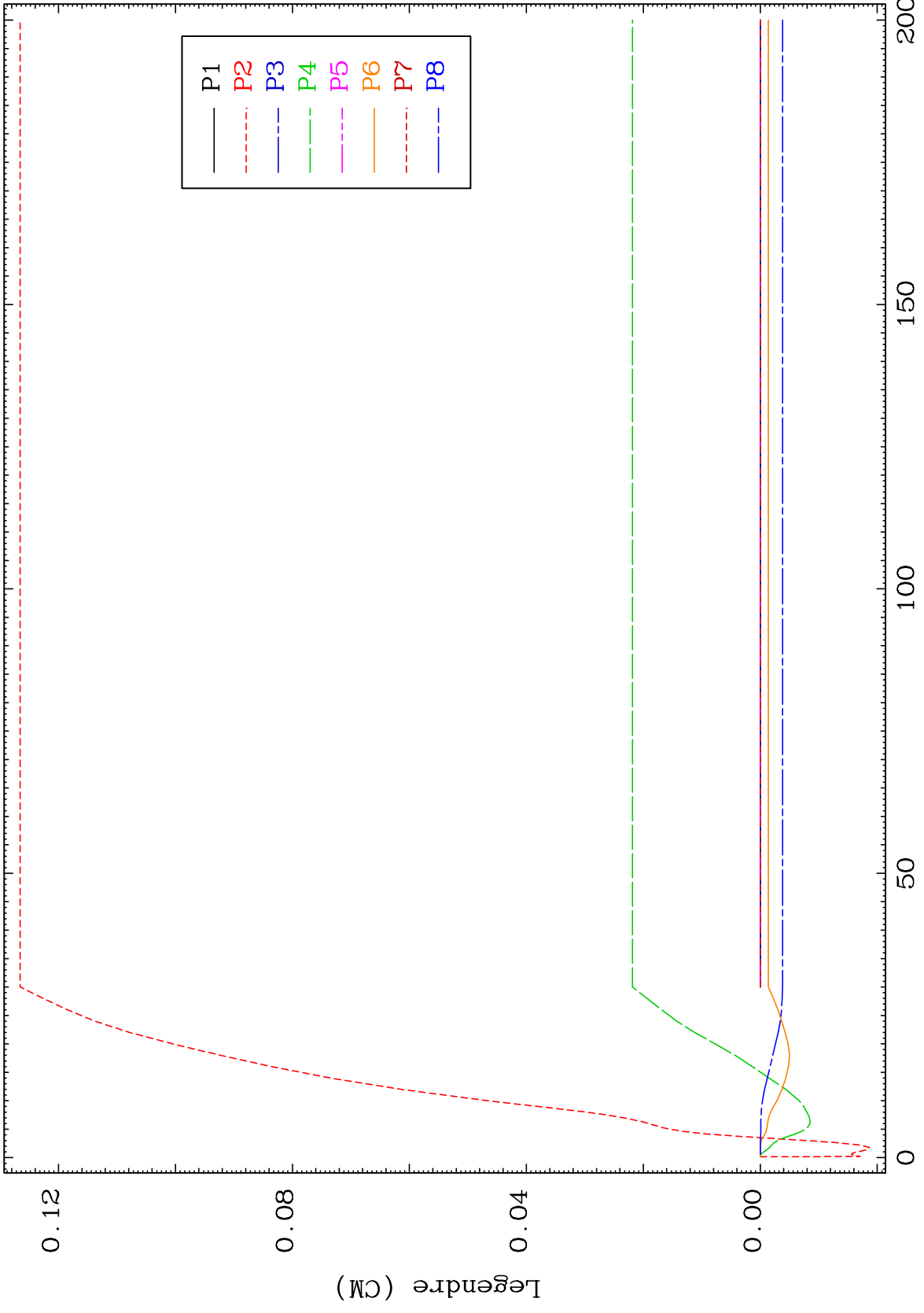
24

MAT 5122 MT= 52 (n,n') Level Legendre Coefficients 51-Sb-120



Legendre (CM) Incident Energy (MeV) 51-Sb-120

MAT 5122 MT= 53 (n,n') Level Legendre Coefficients 51-Sb-120

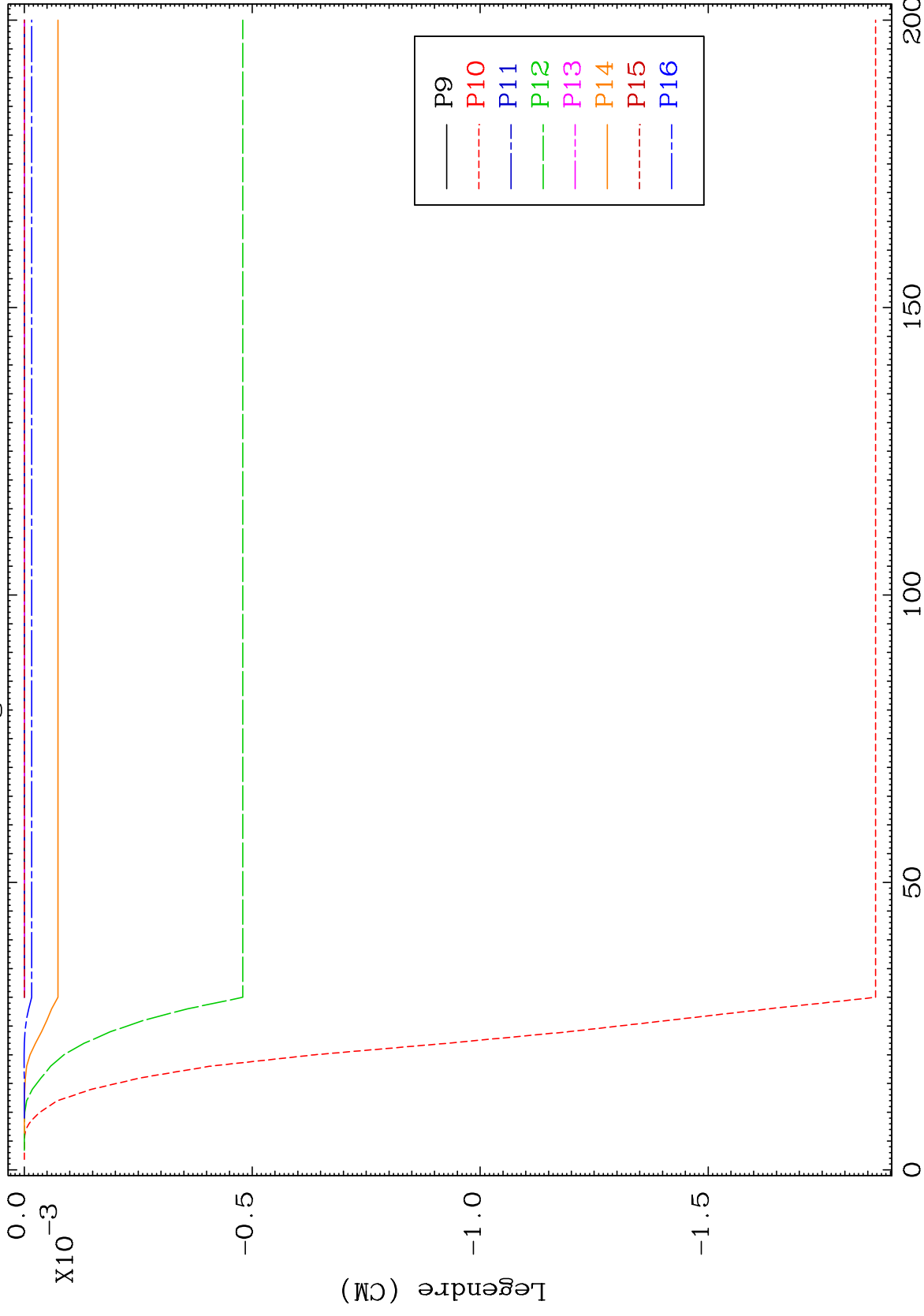


26 51-Sb-120

MAT 5122

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

51-Sb-120

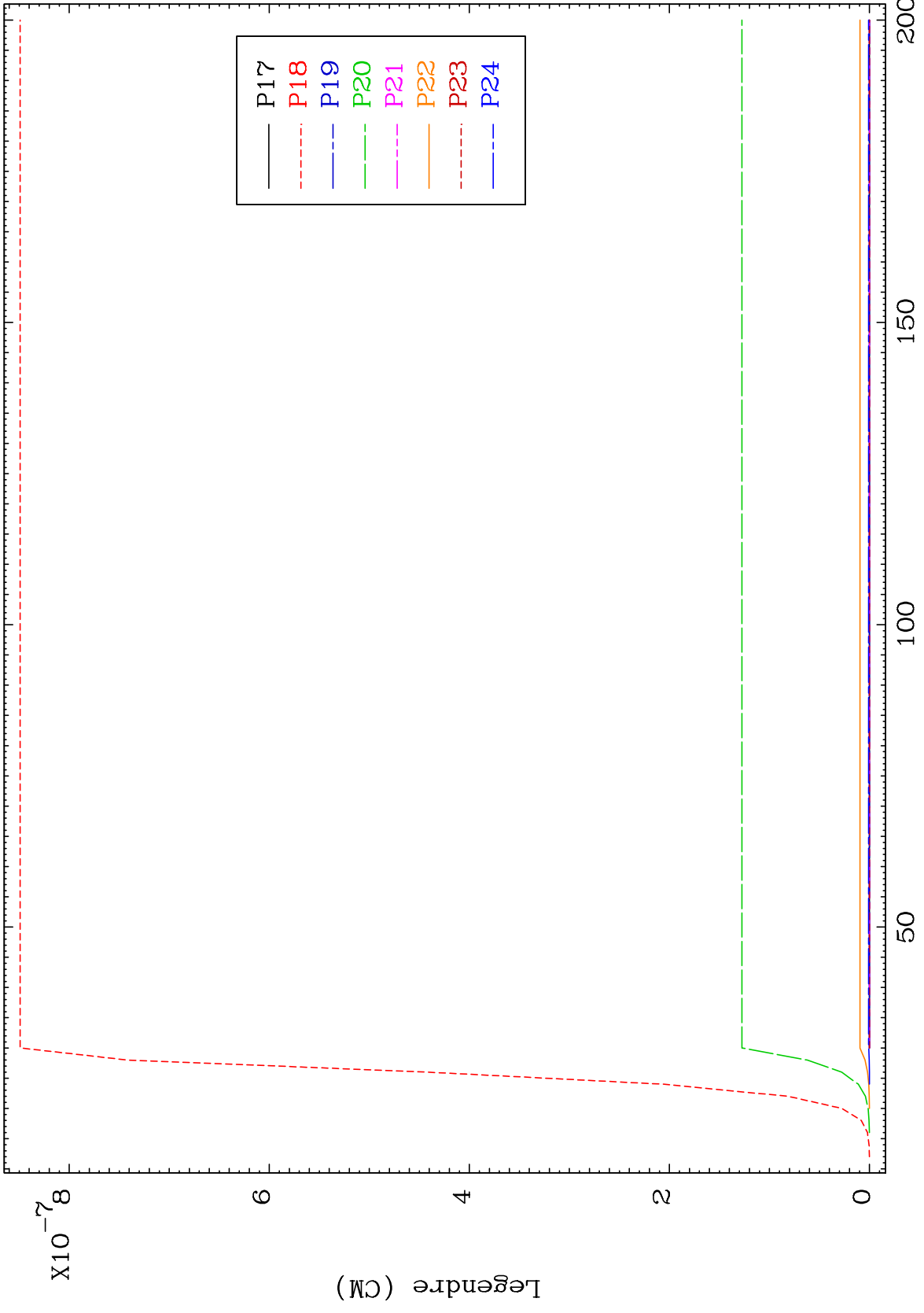


51-Sb-120

Incident Energy (MeV)

27

MAT 5122 MT= 53 (n,n') Level Legendre Coefficients 51-Sb-120

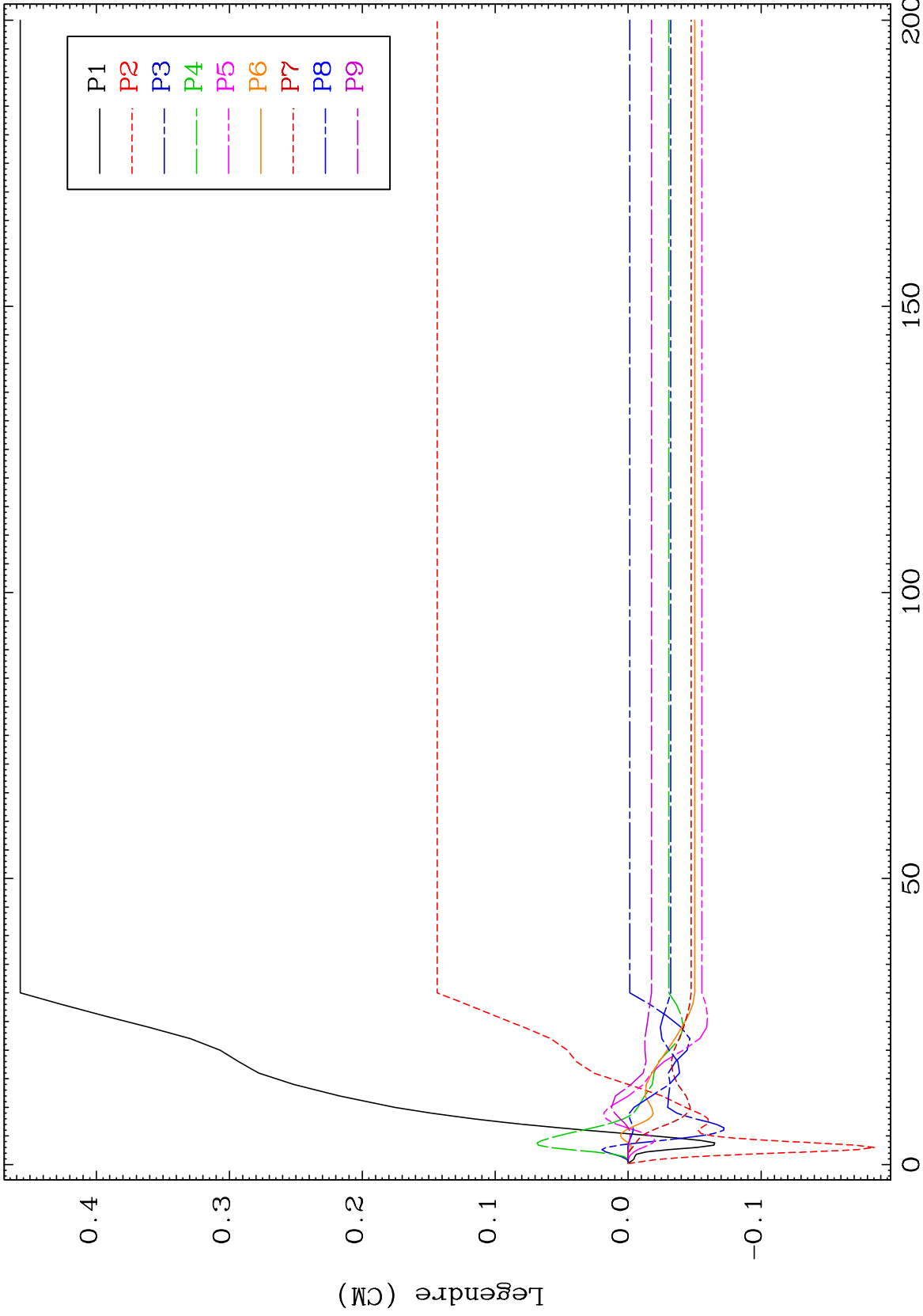


28 50 100 150 200 51-Sb-120

MAT 5122

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

51-Sb-120



29

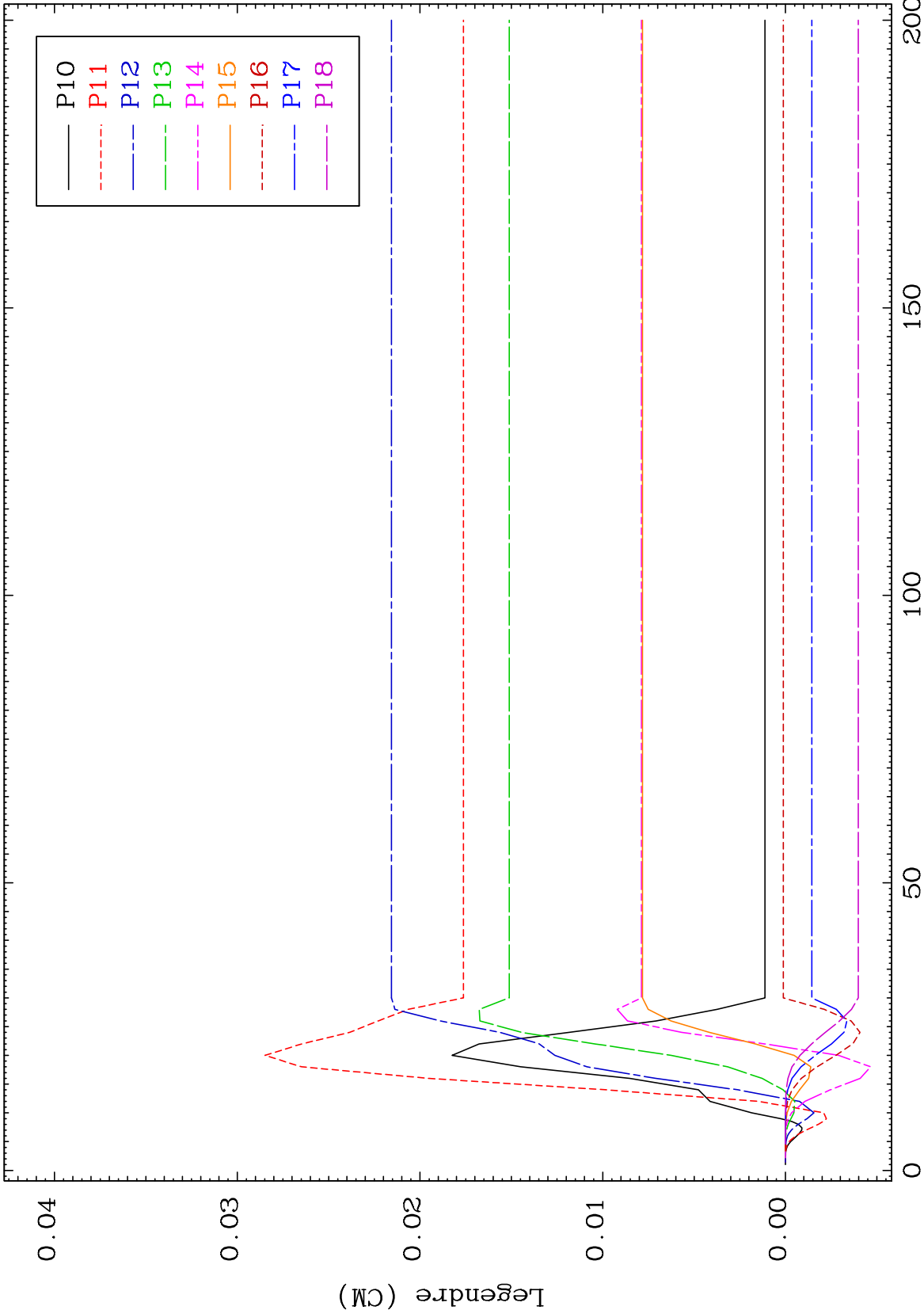
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120

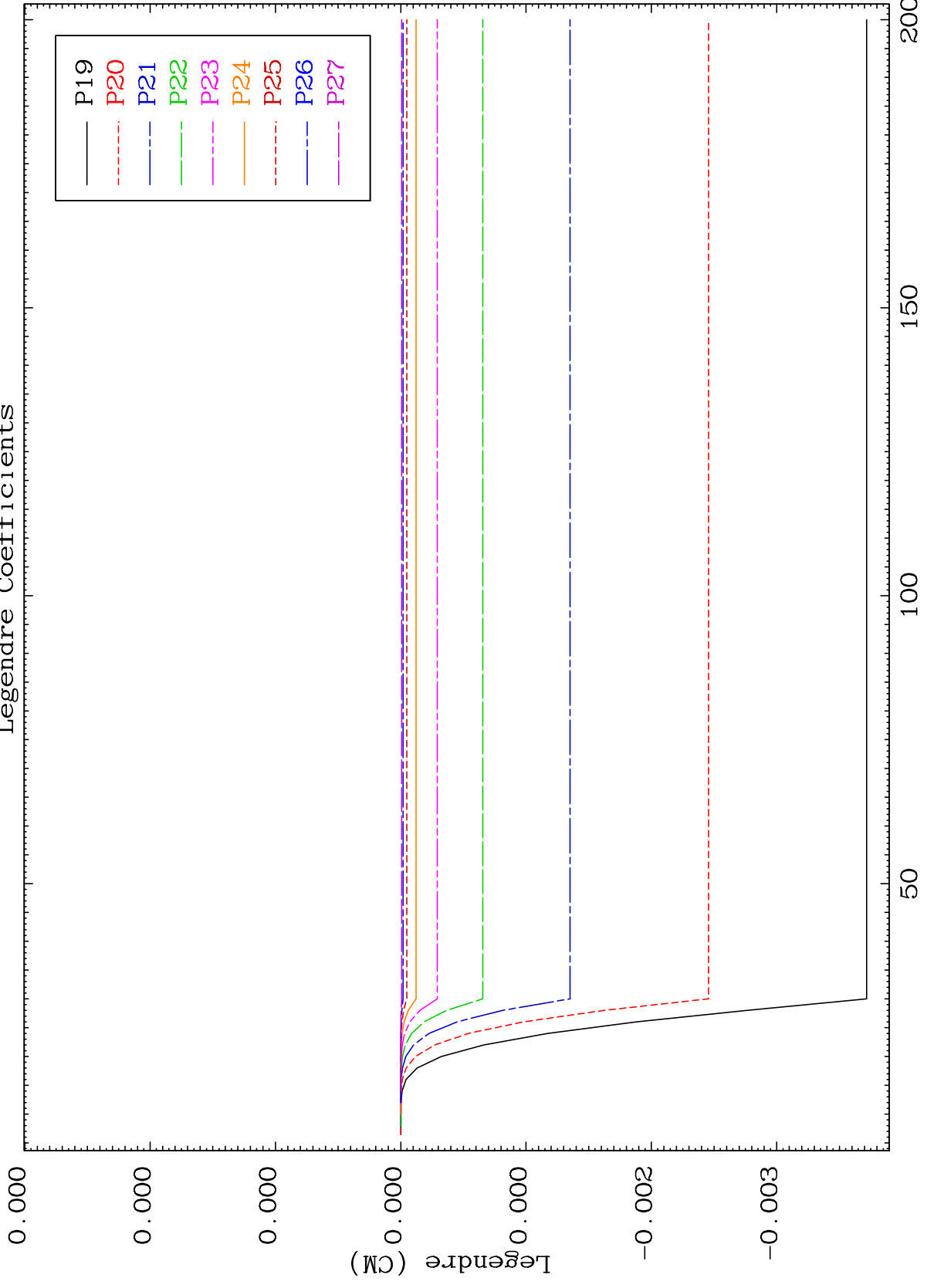


51-Sb-120

Incident Energy (MeV)

0

MAT 5122 MT= 54 (n,n') Level Legendre Coefficients 51-Sb-120

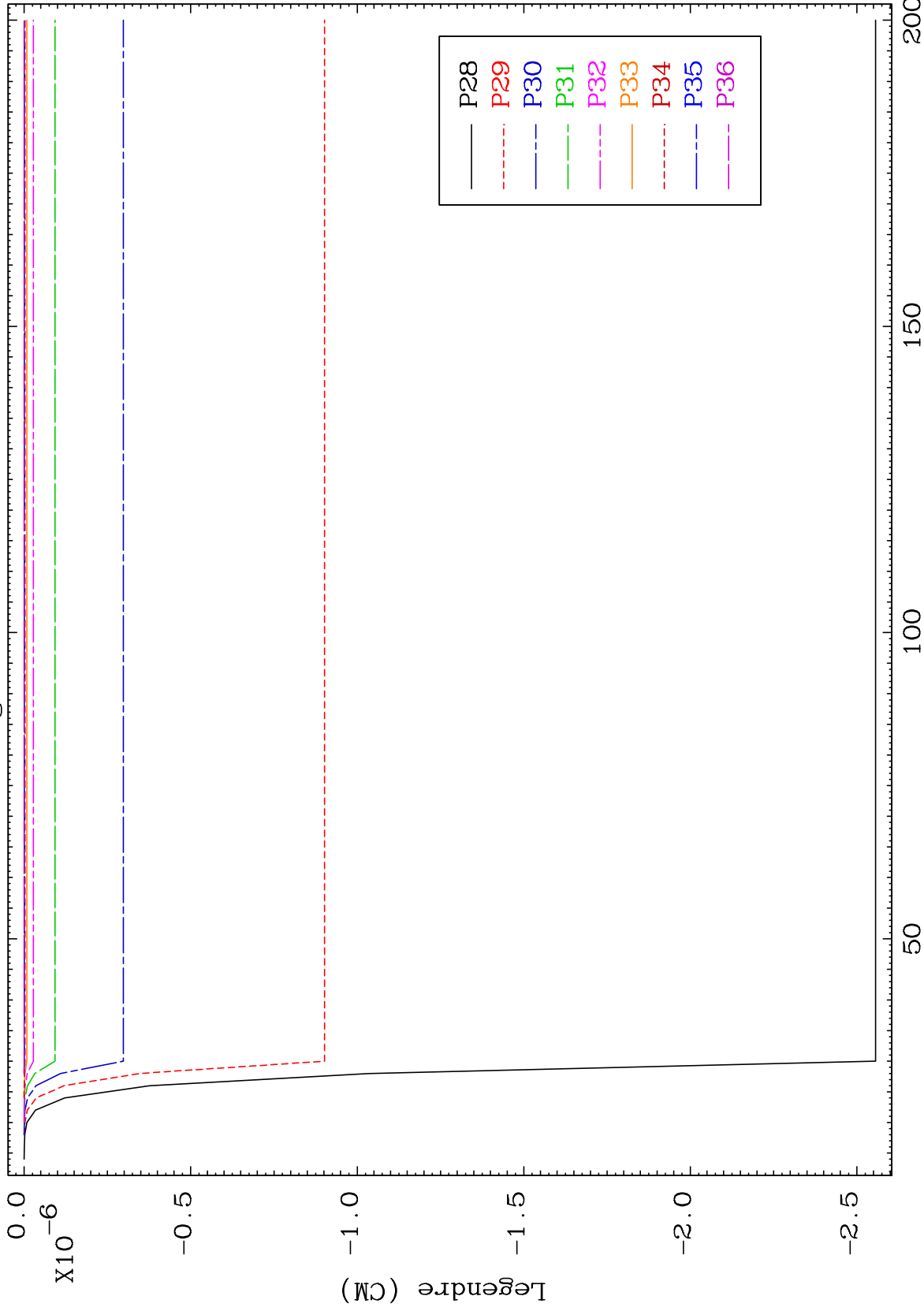




MAT 5122 MT= 54 (n,n') Level

51-Sb-120

Legendre Coefficients



51-Sb-120

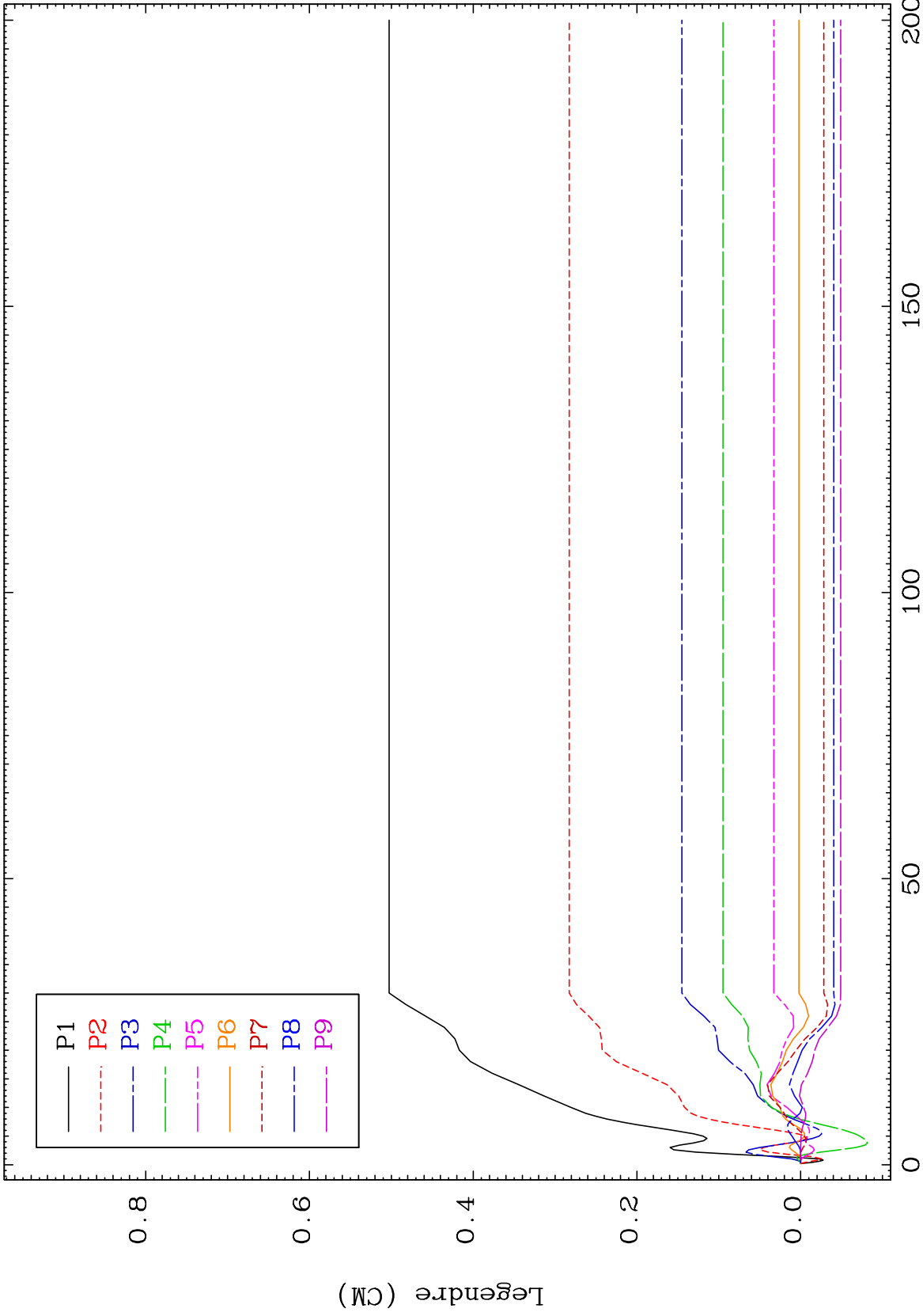
Incident Energy (MeV)

32

MAT 5122

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

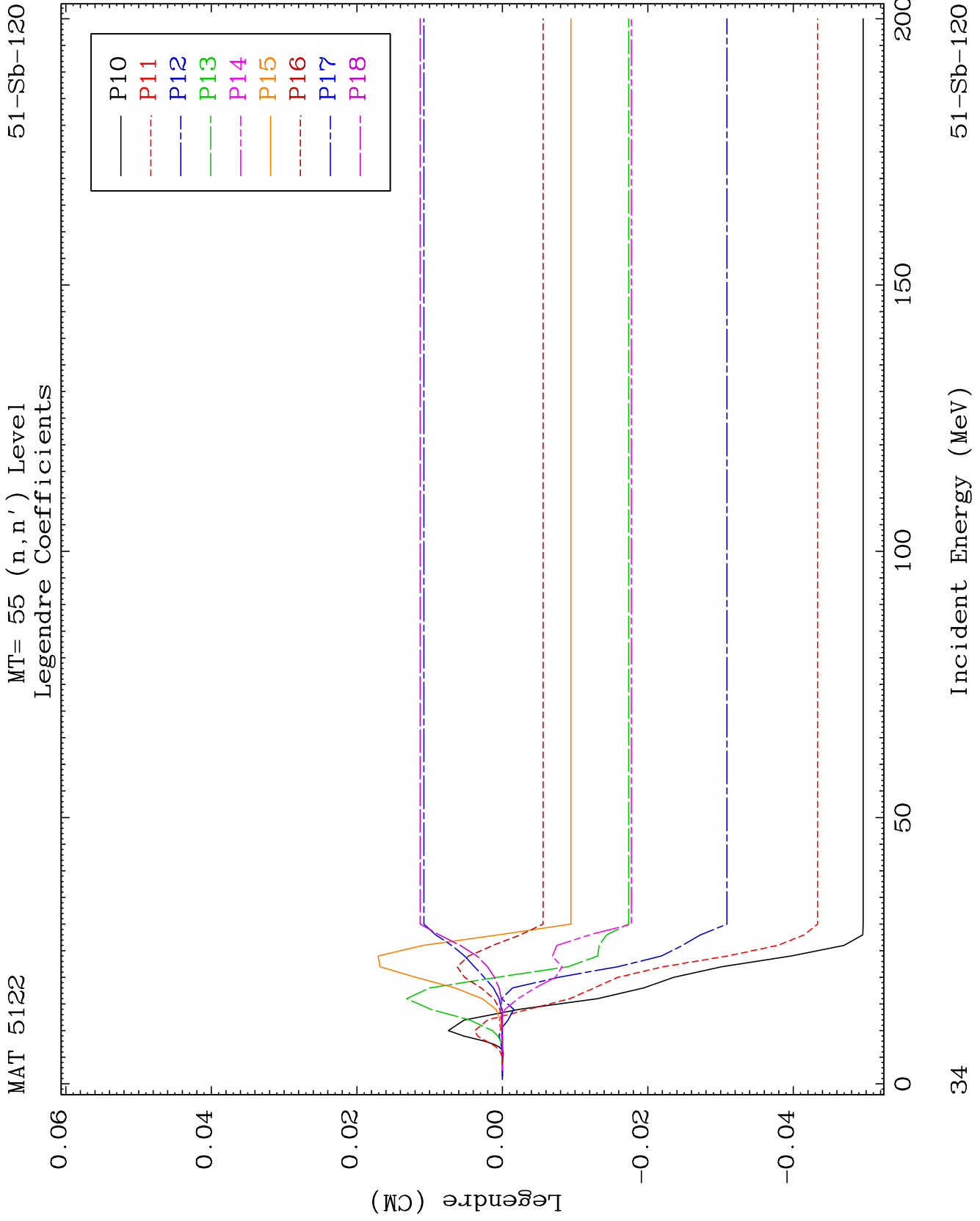
51-Sb-120



33

Incident Energy (MeV)

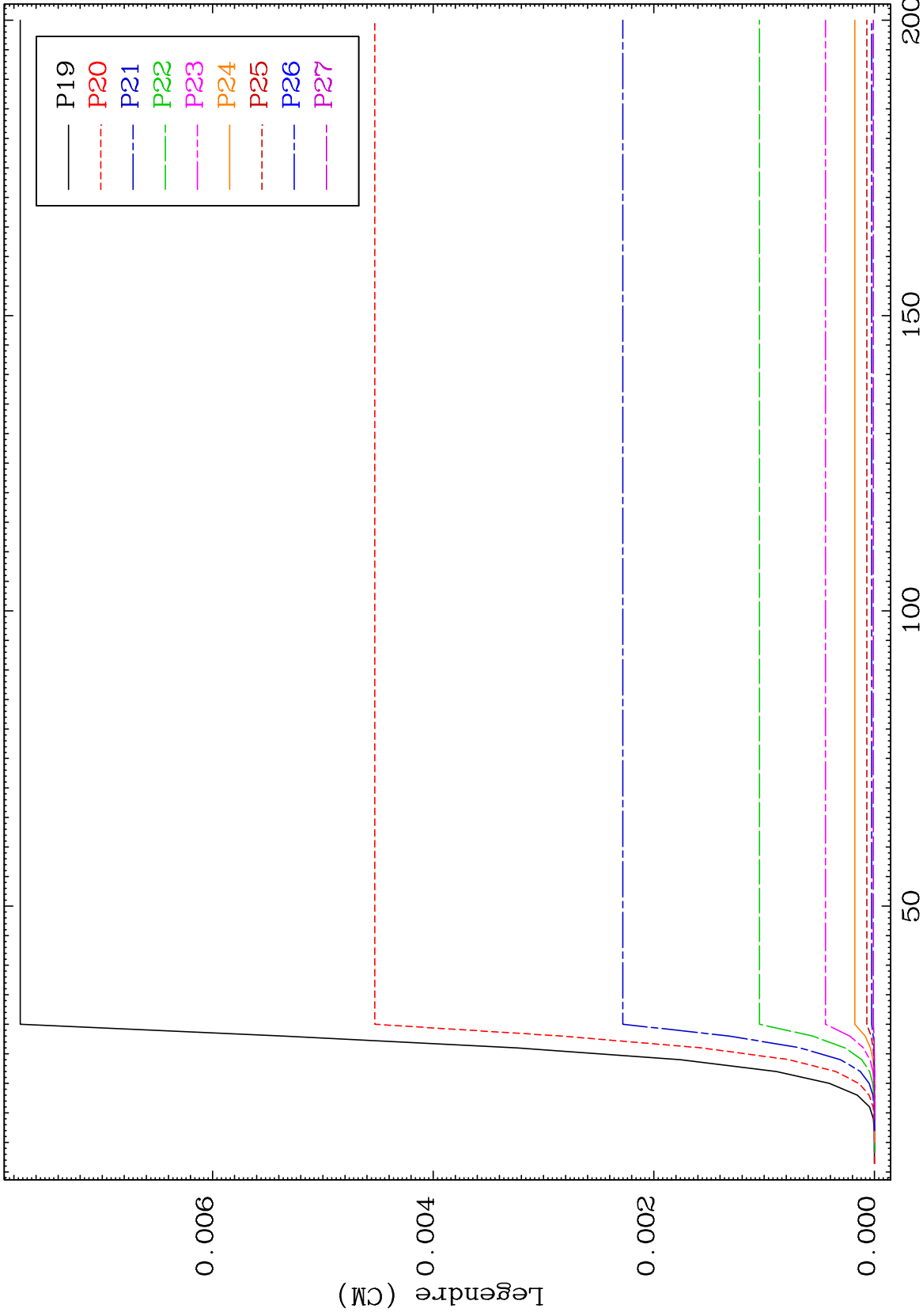
51-Sb-120



MAT 5122

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

51-Sb-120



35

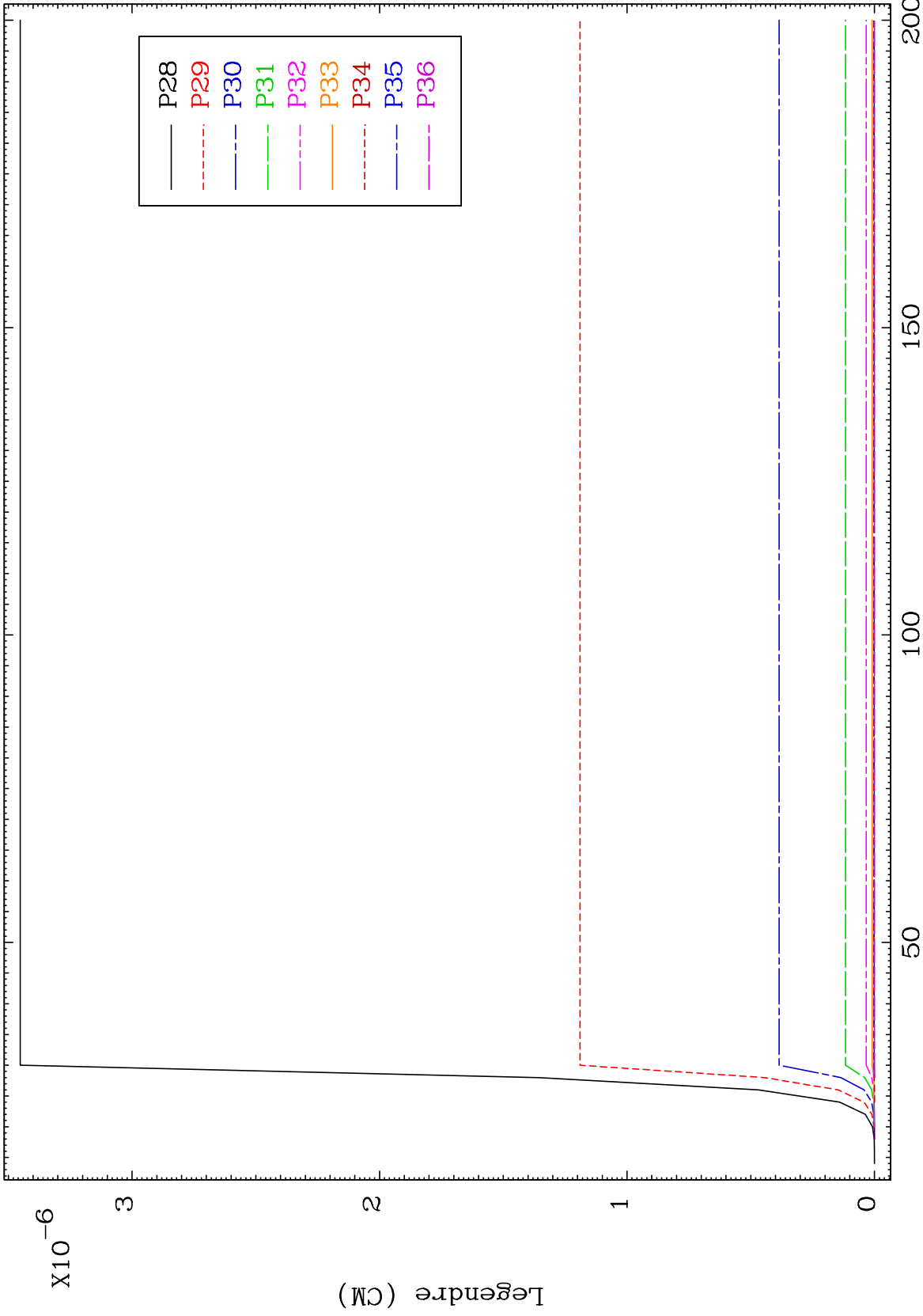
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



36

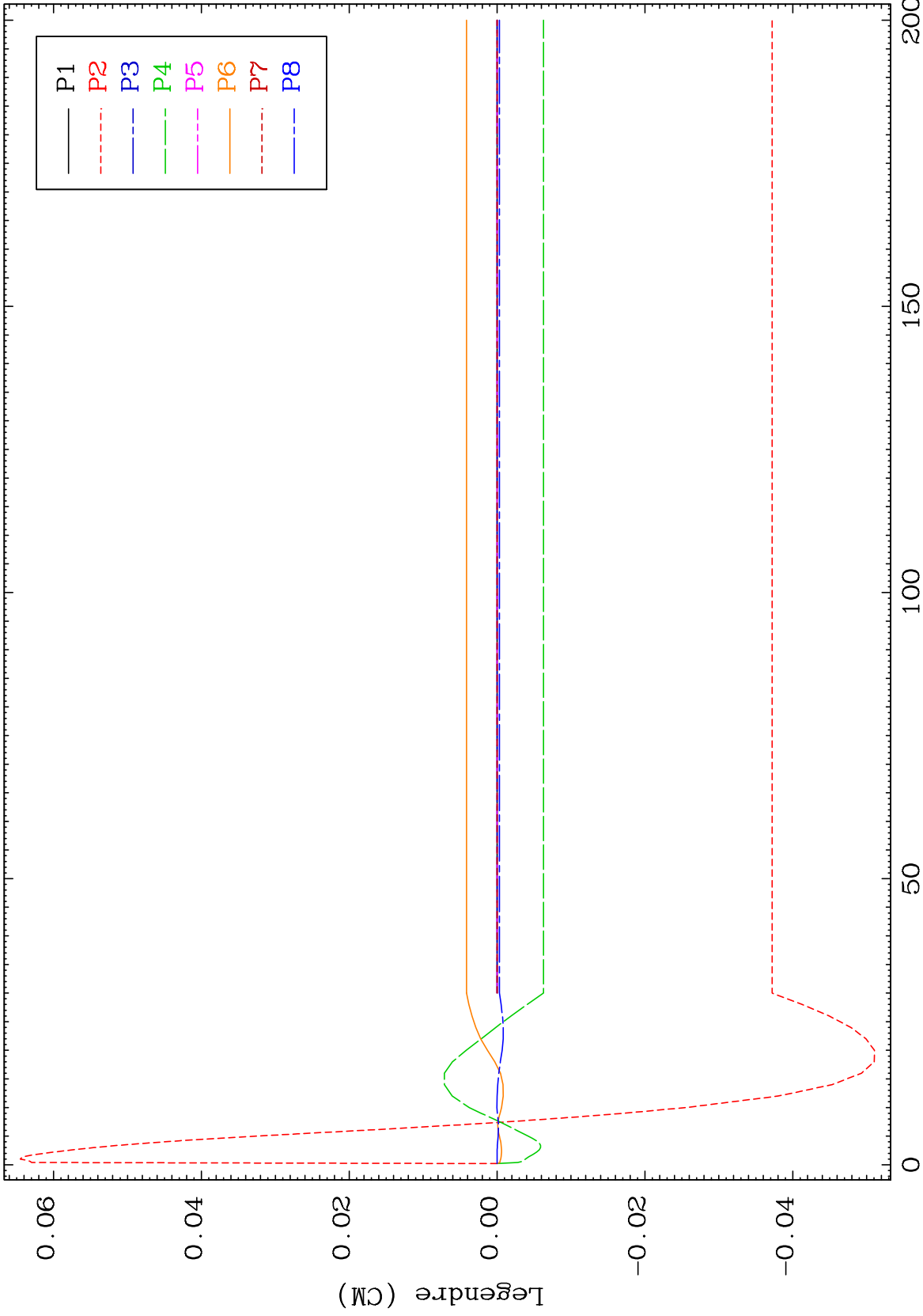
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



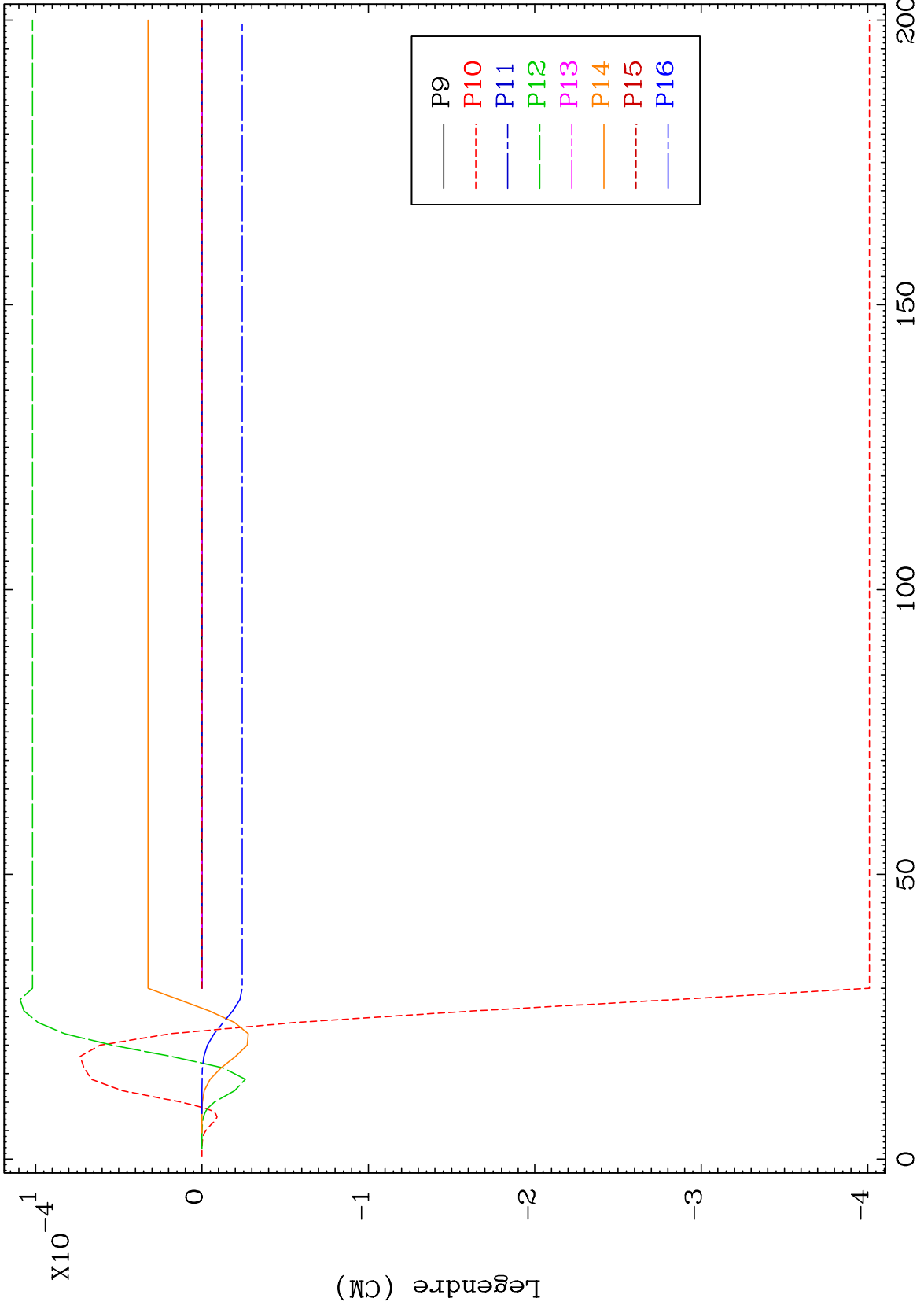
37

51-Sb-120

MAT 5122

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

51-Sb-120

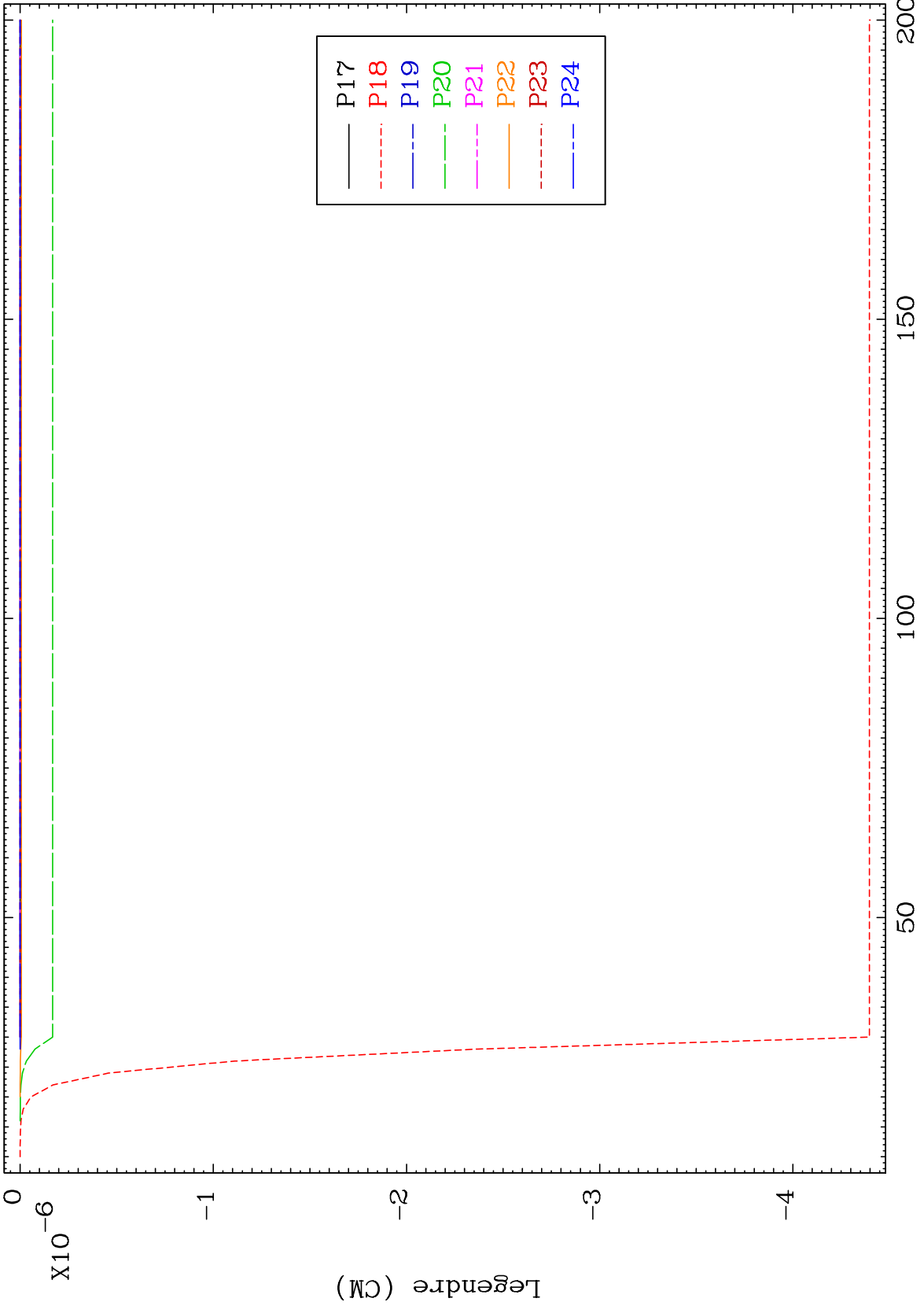


38

Incident Energy (MeV)

51-Sb-120

MAT 5122 MT= 56 (n,n') Level Legendre Coefficients 51-Sb-120

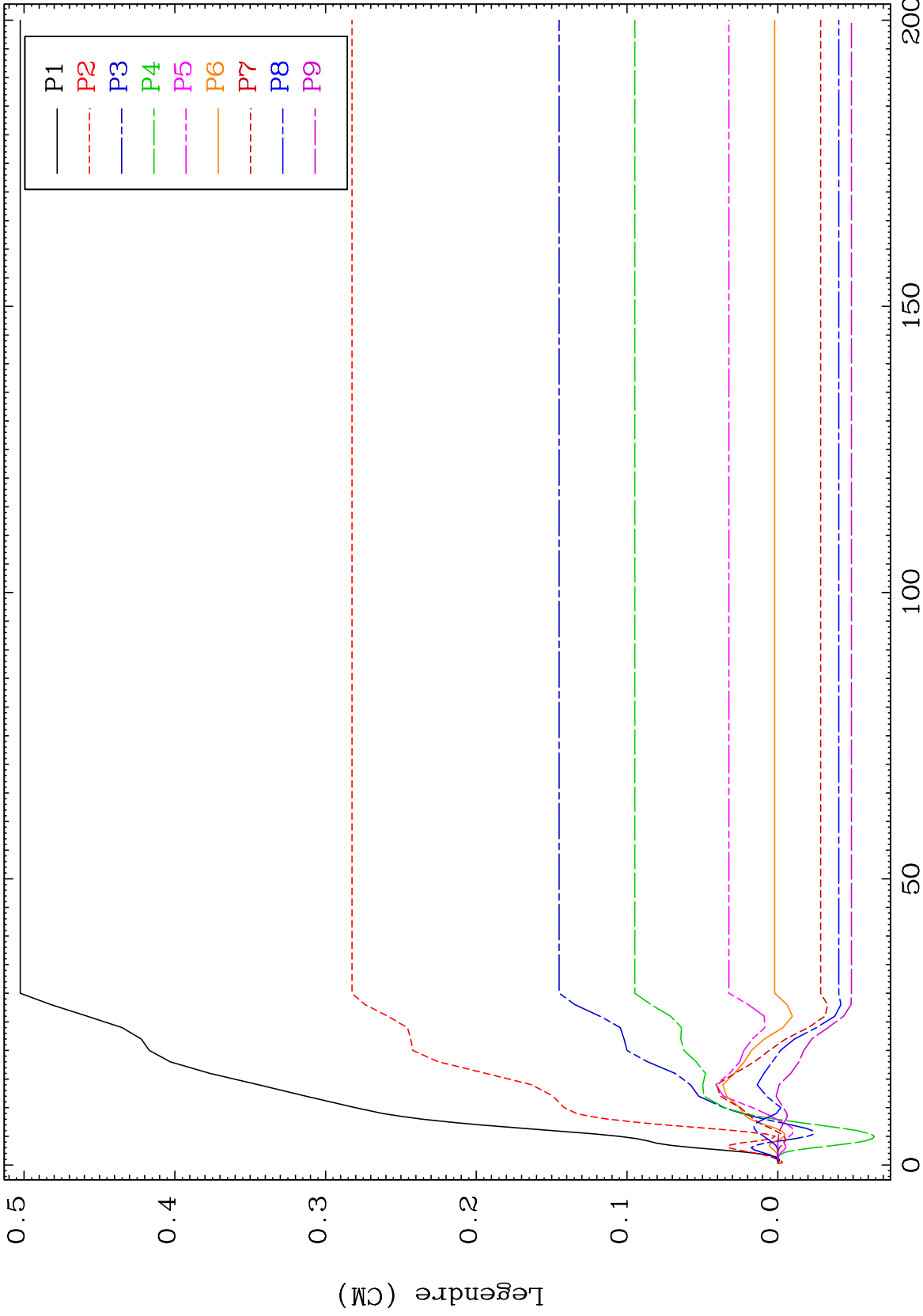




MAT 5122

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

51-Sb-120

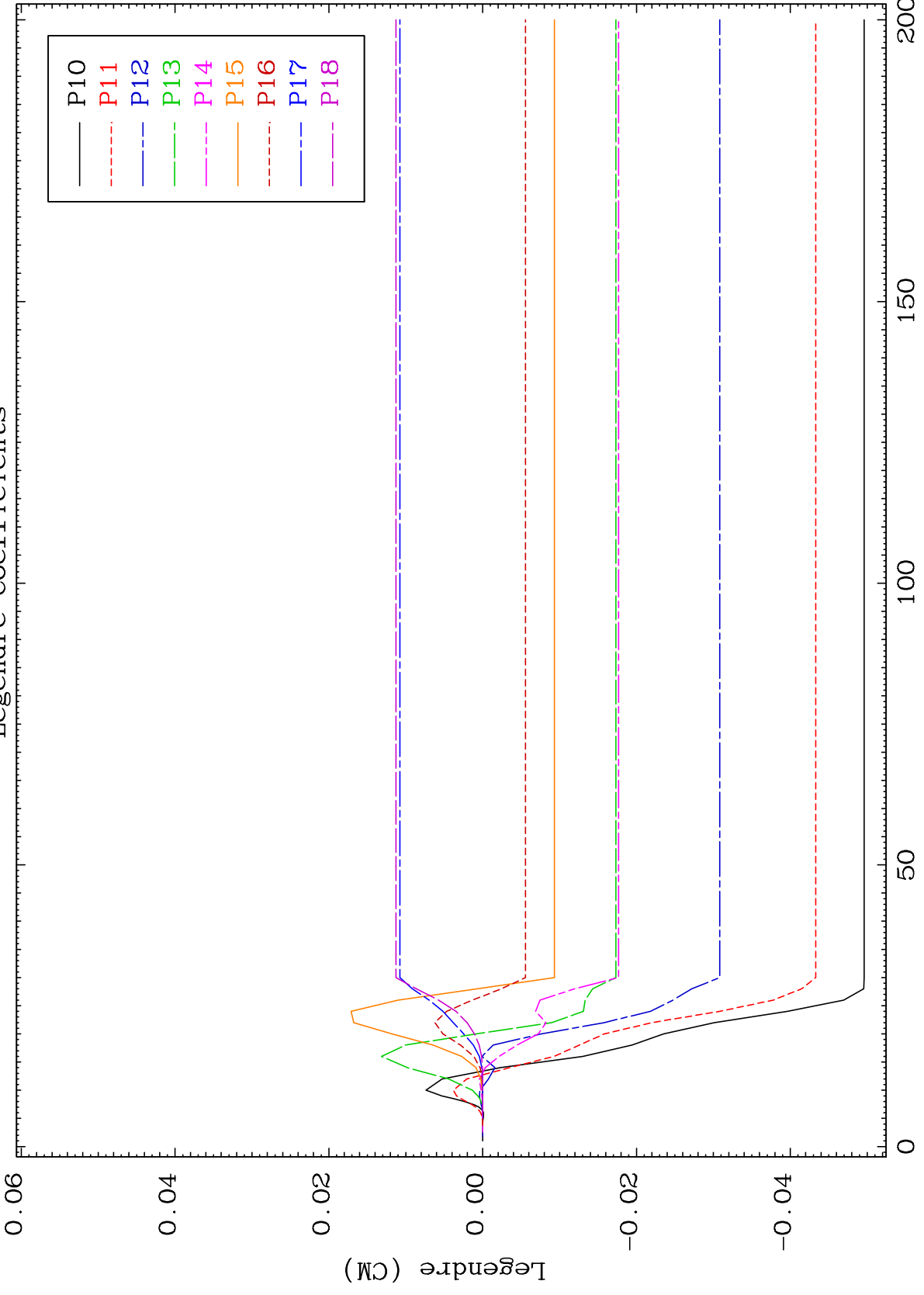


51-Sb-120

Incident Energy (MeV)

40

MAT 5122 MT= 57 (n,n') Level Legendre Coefficients 51-Sb-120

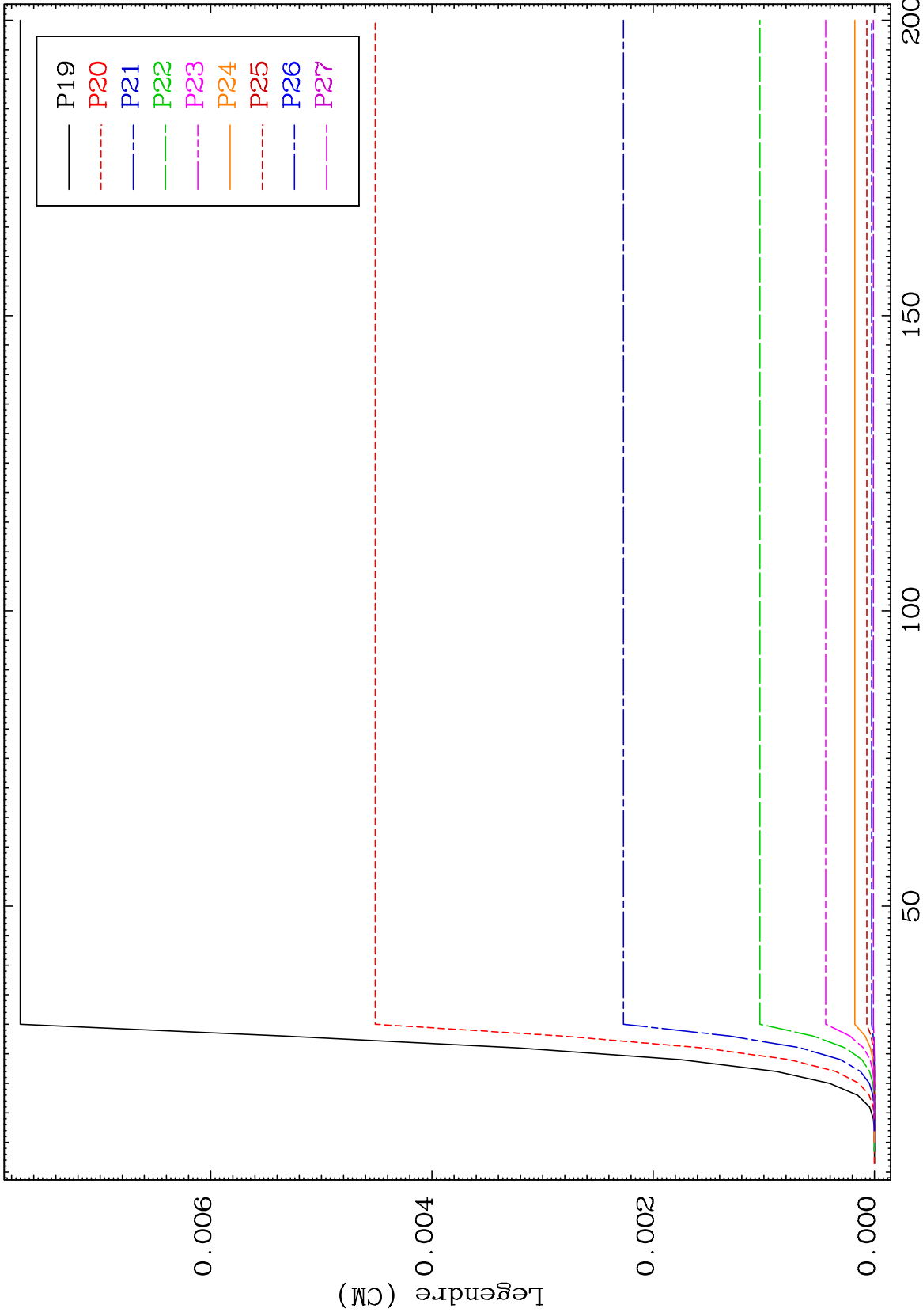


41 51-Sb-120

MAT 5122

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

51-Sb-120



42

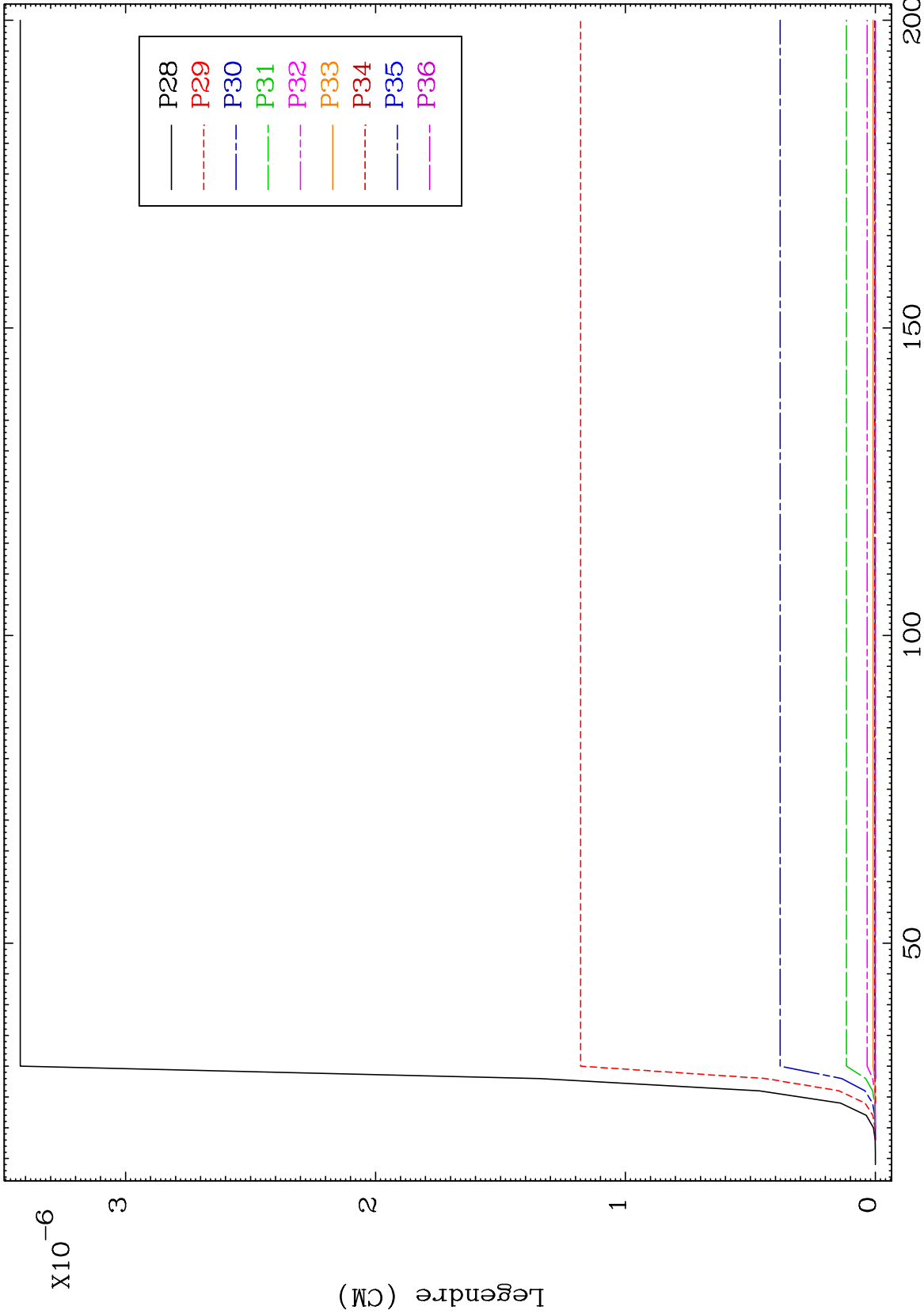
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



43

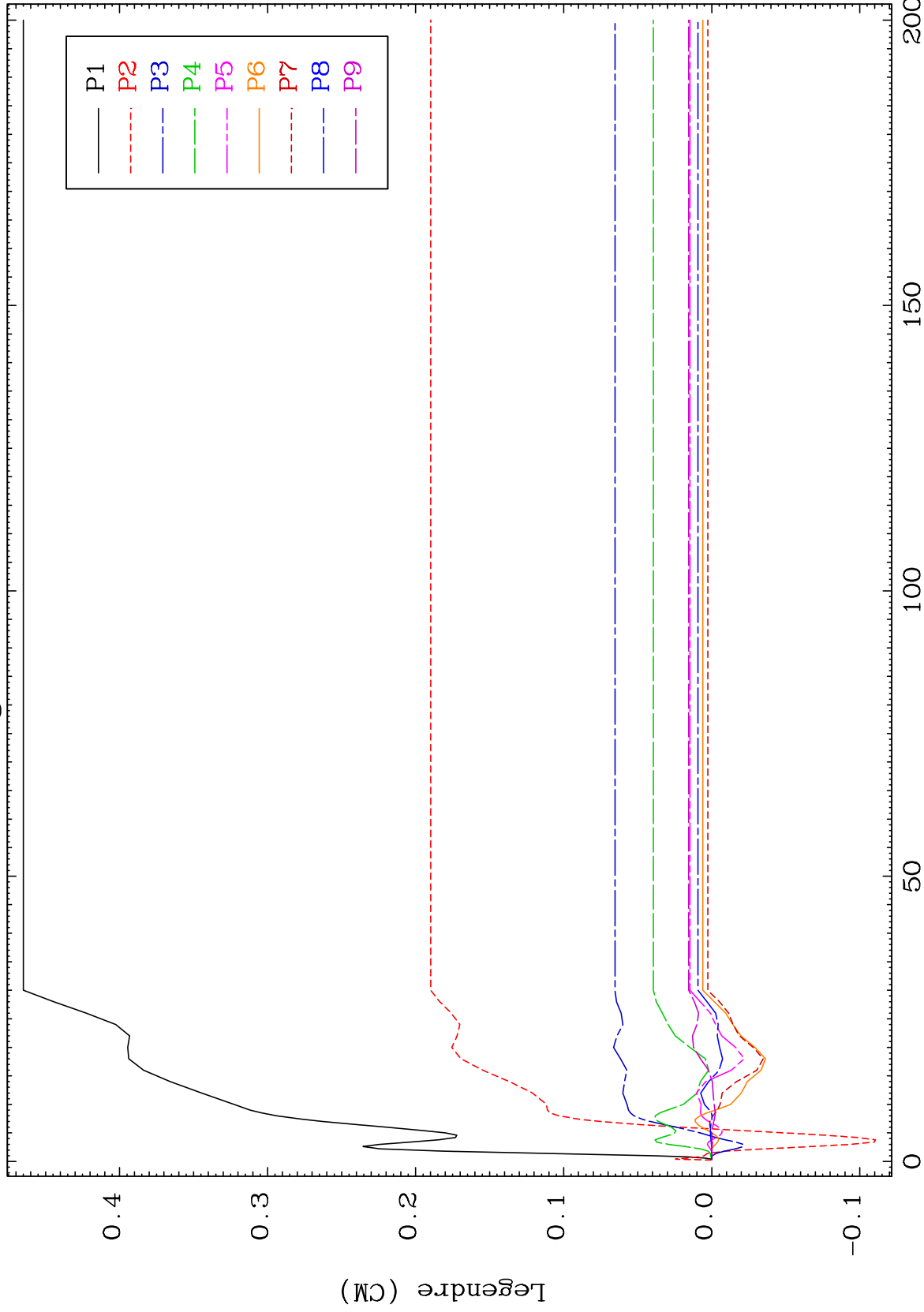
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



44

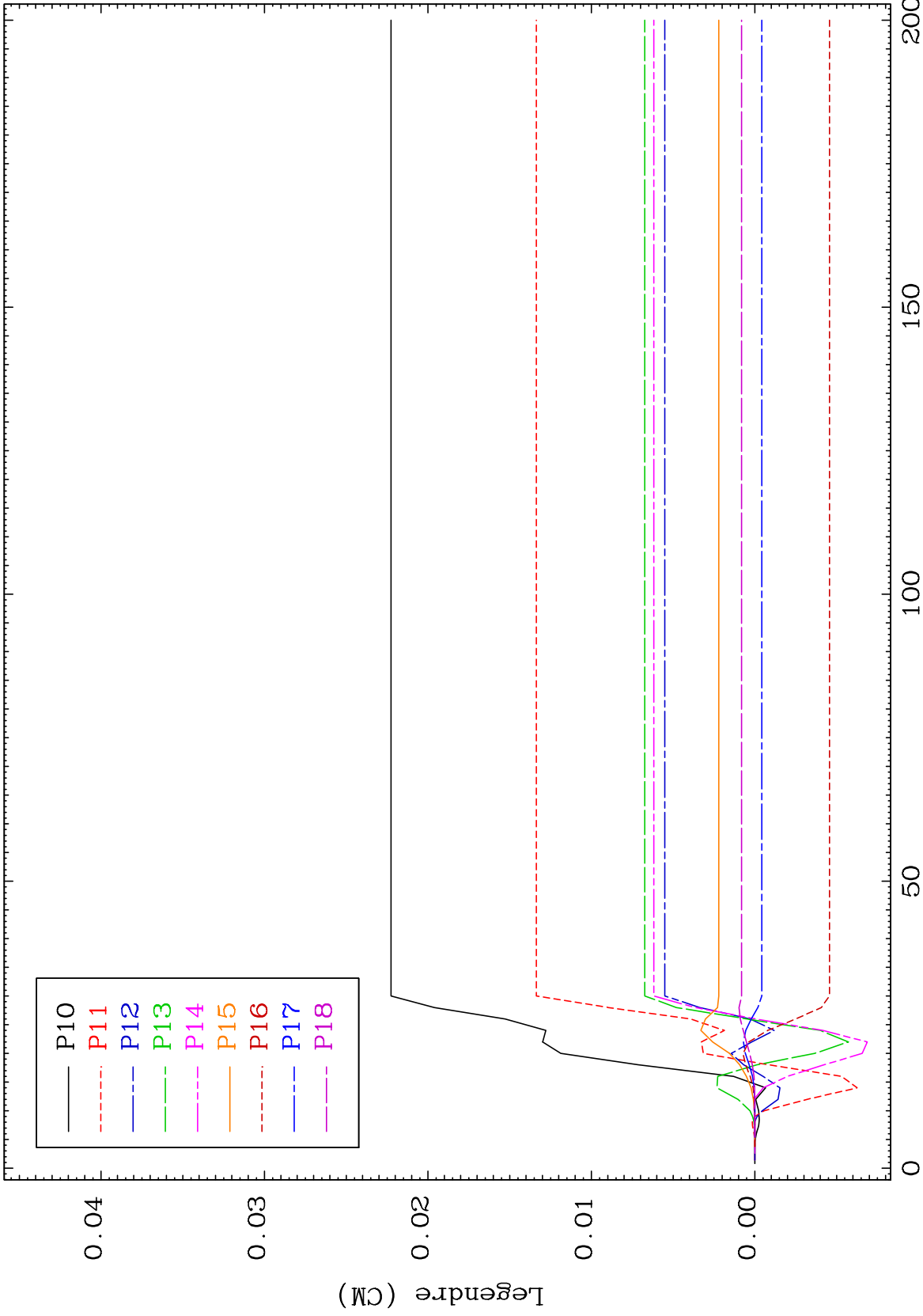
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



45

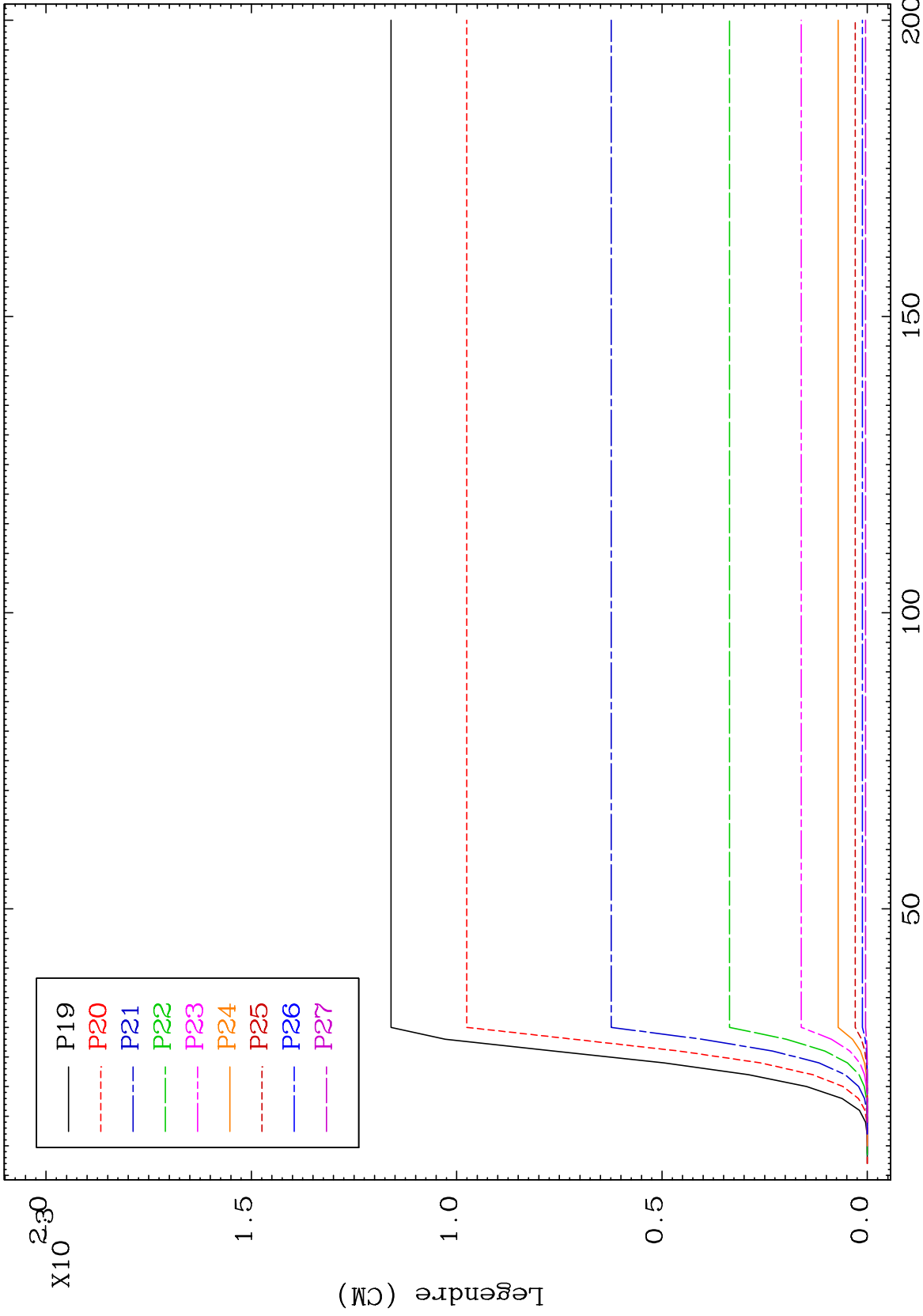
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



46

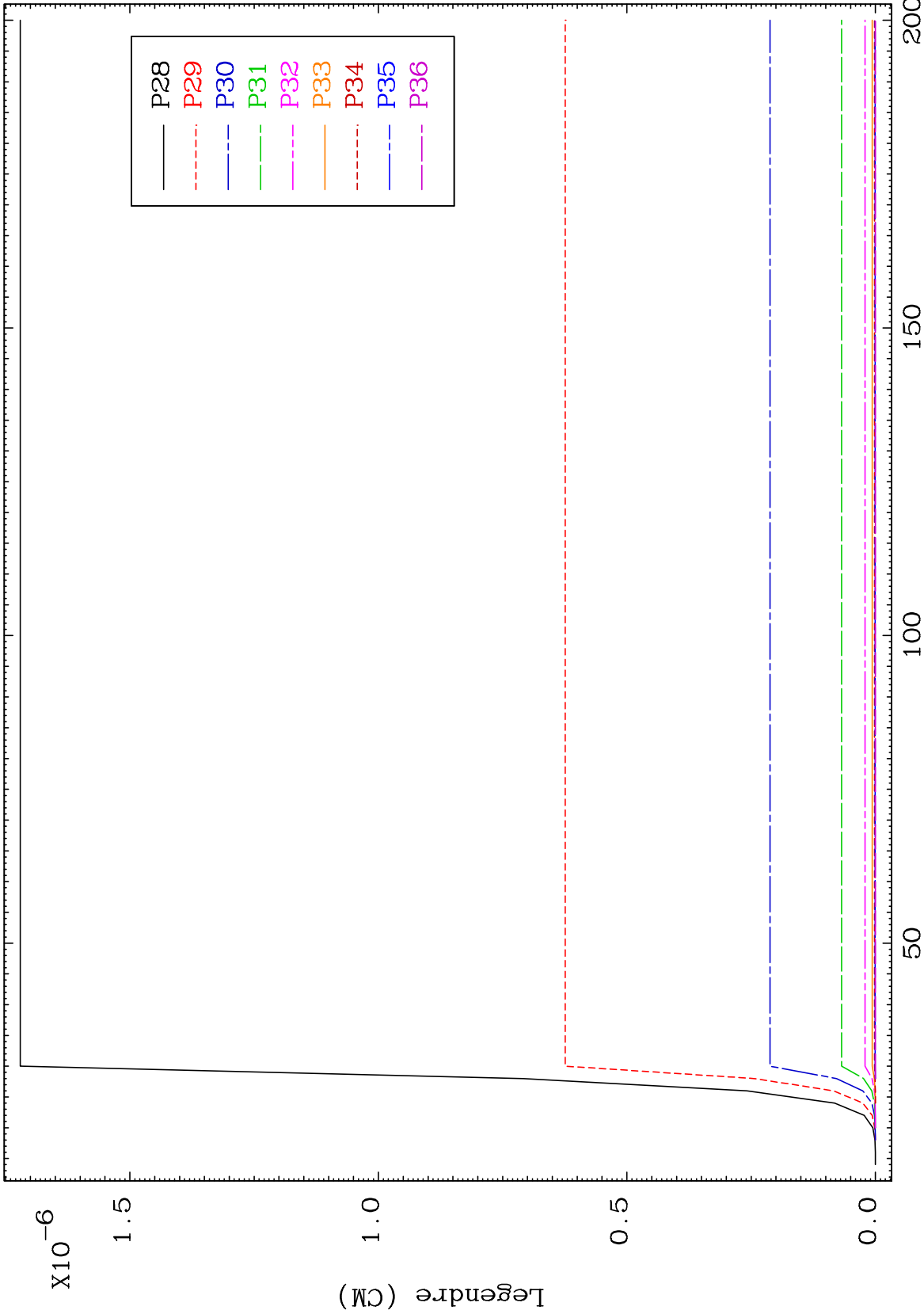
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



47

Incident Energy (MeV)

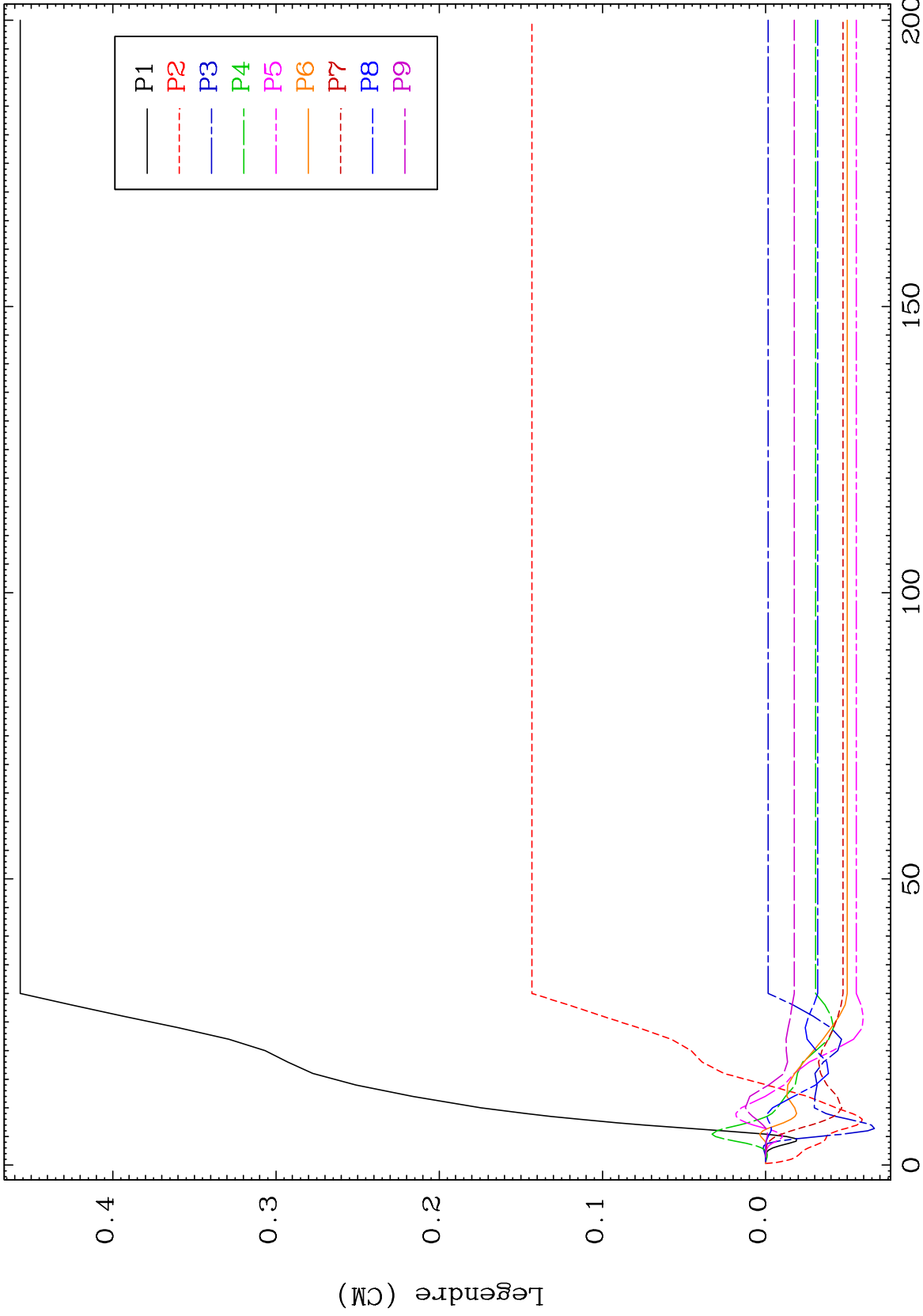
51-Sb-120



MAT 5122

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

51-Sb-120



48

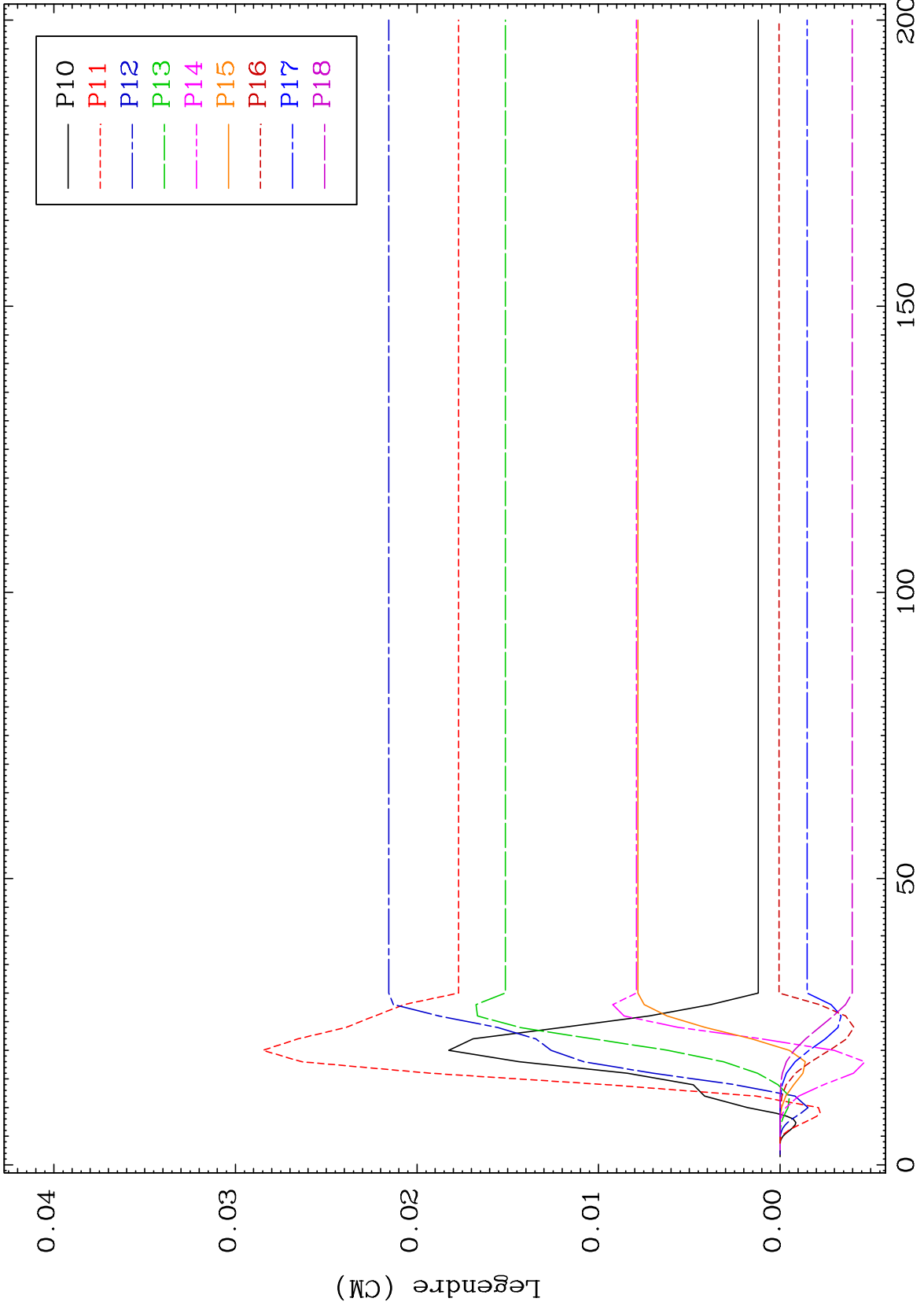
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



49

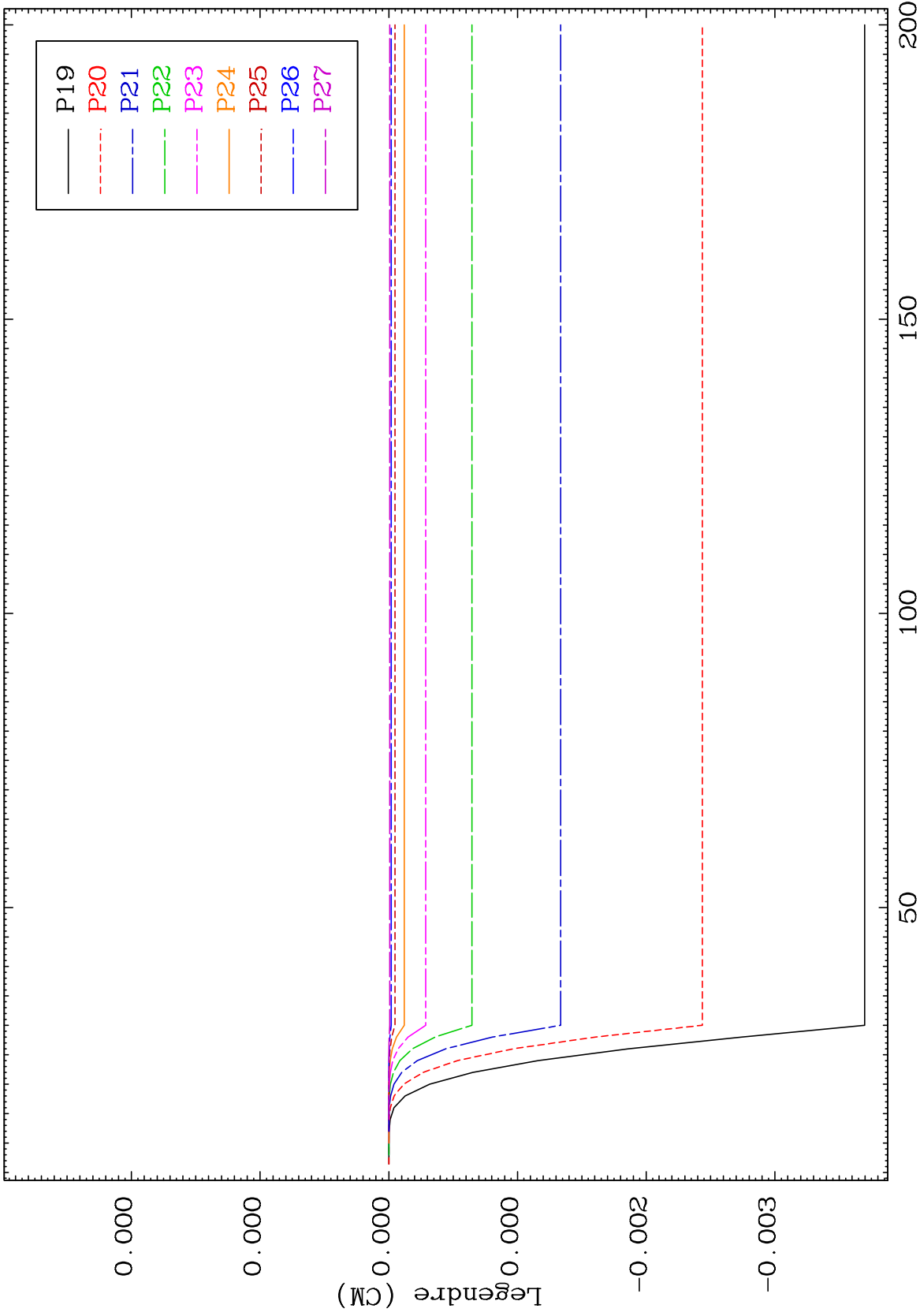
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



50

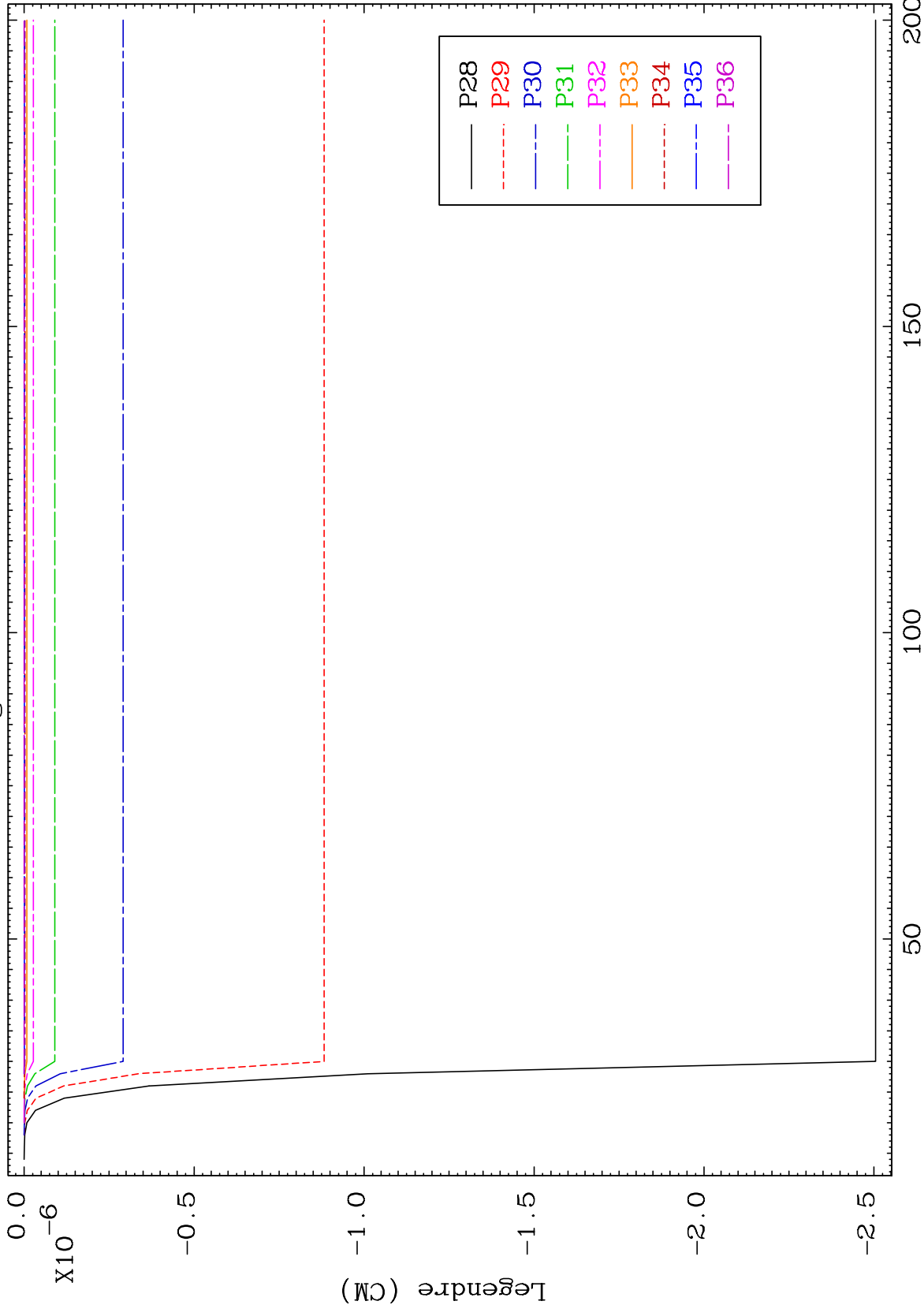
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



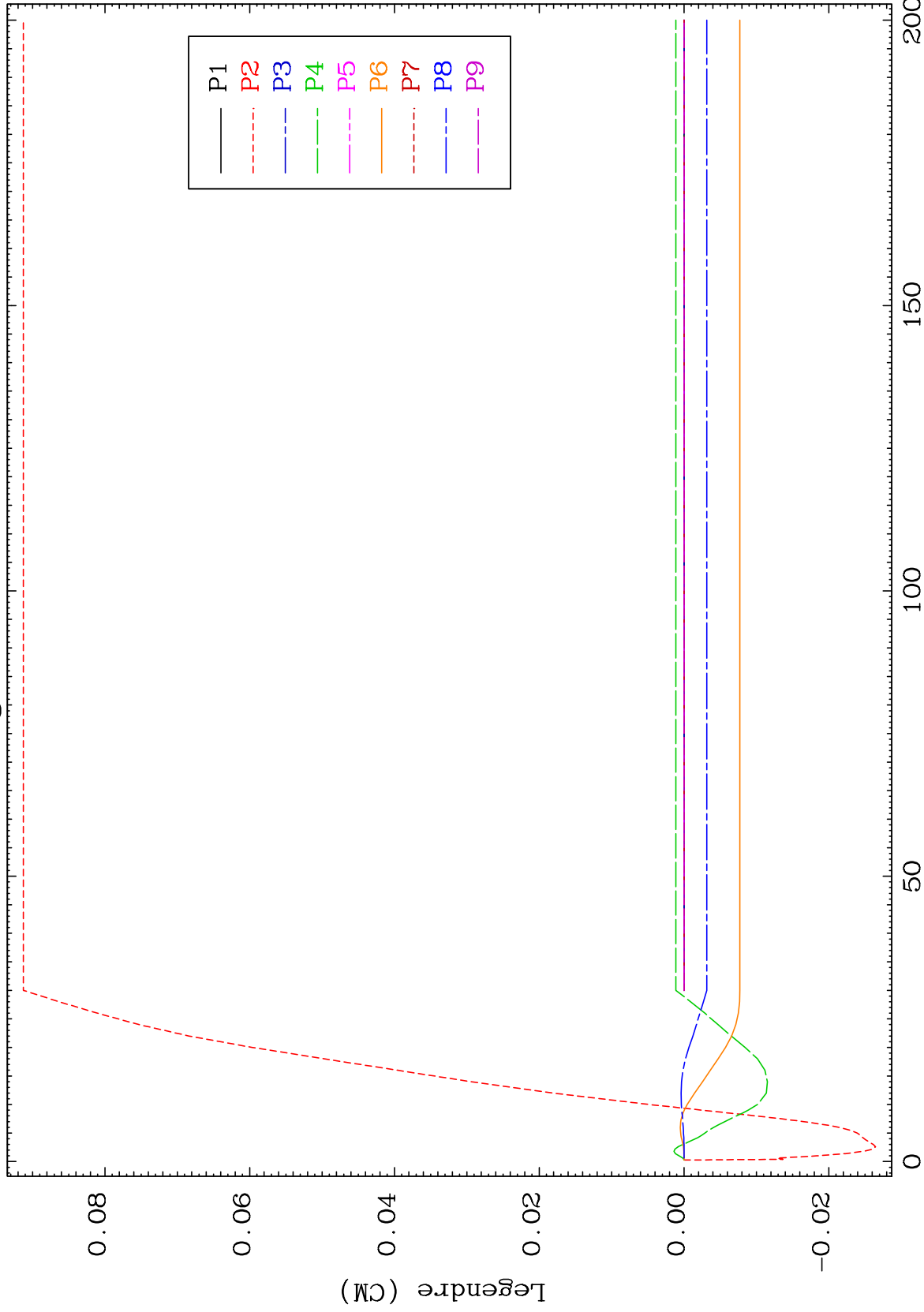
51

51-Sb-120

MAT 5122

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

51-Sb-120



52

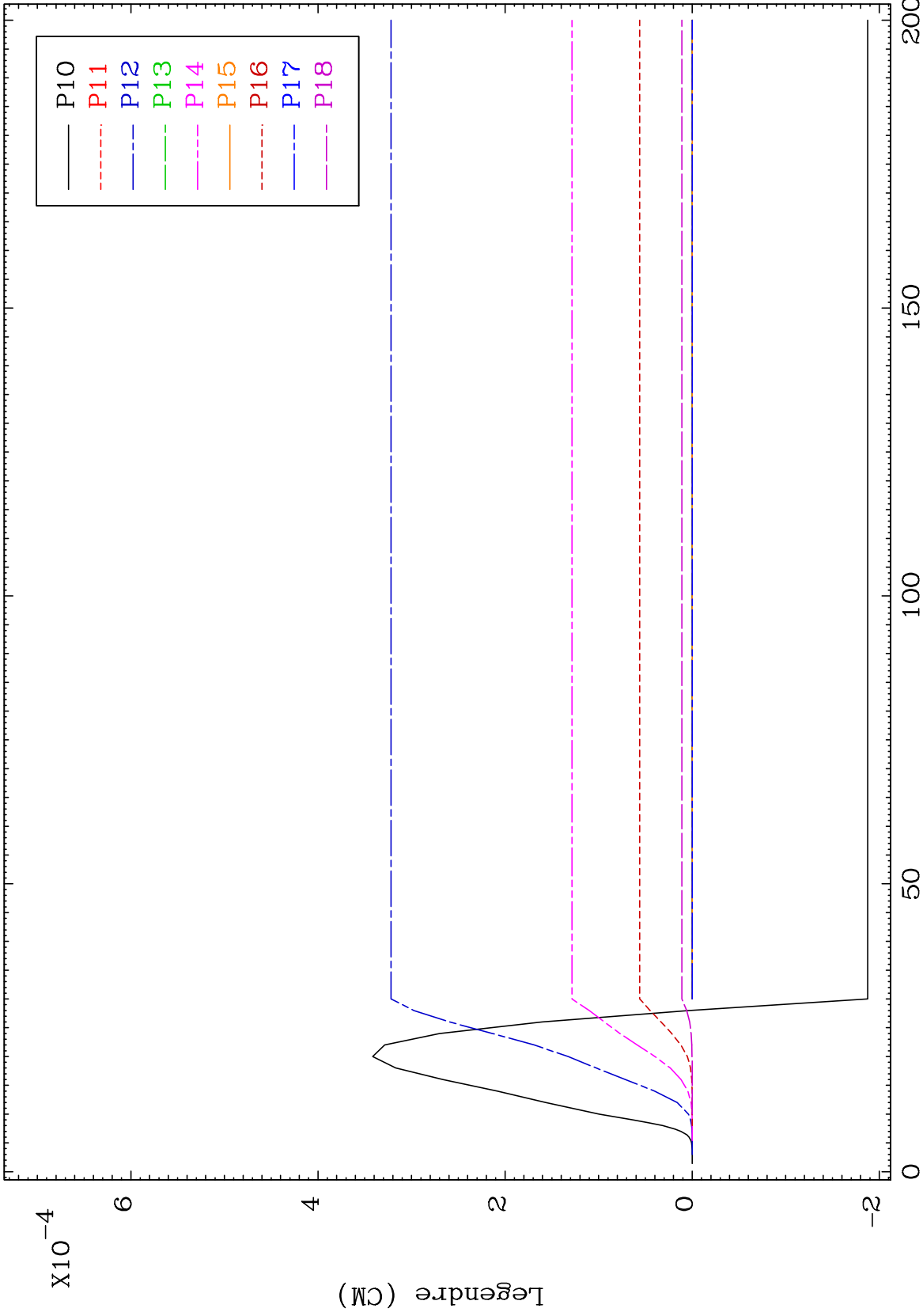
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120

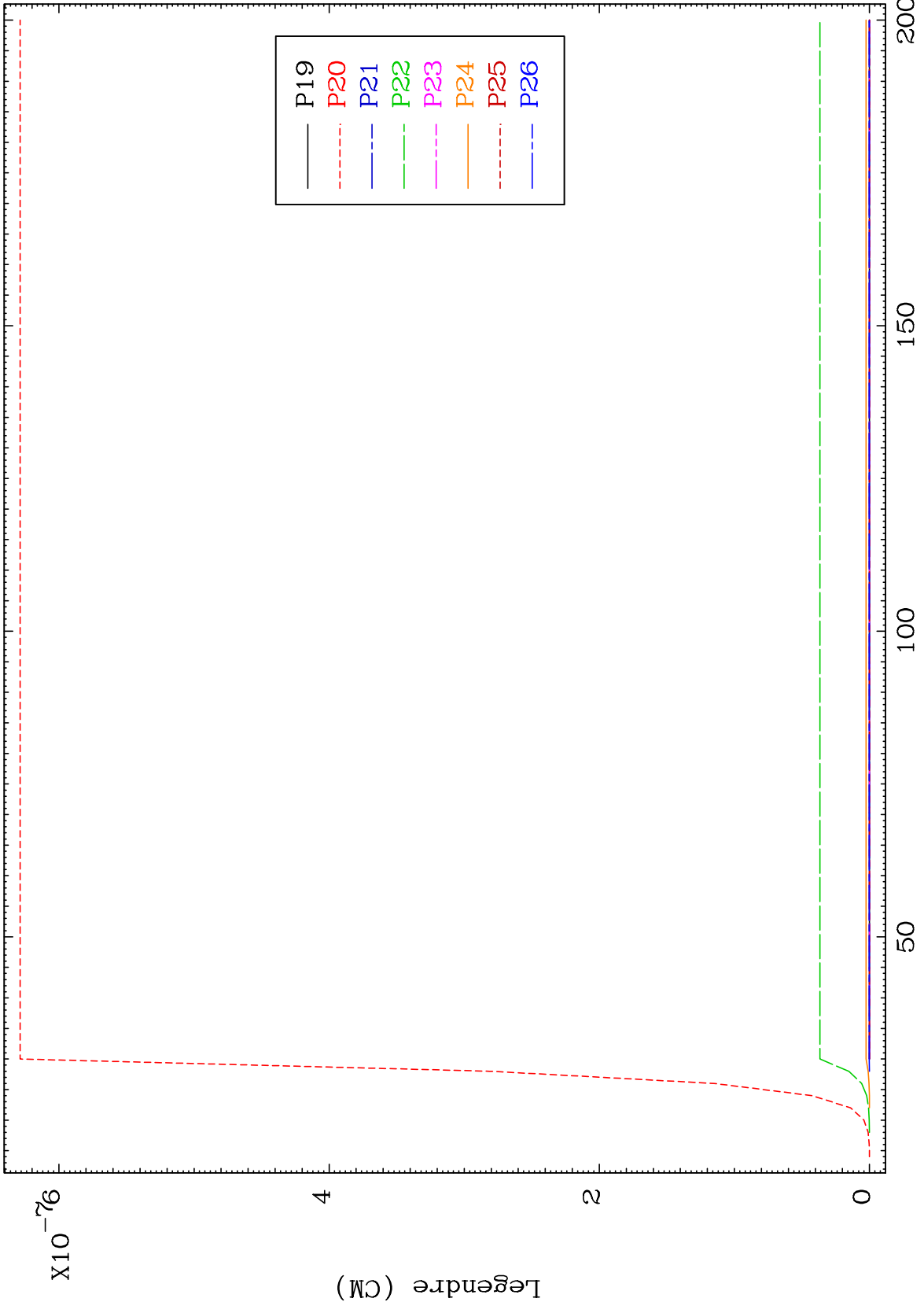


53

Incident Energy (MeV)

51-Sb-120

MAT 5122 MT= 60 (n,n') Level Legendre Coefficients 51-Sb-120

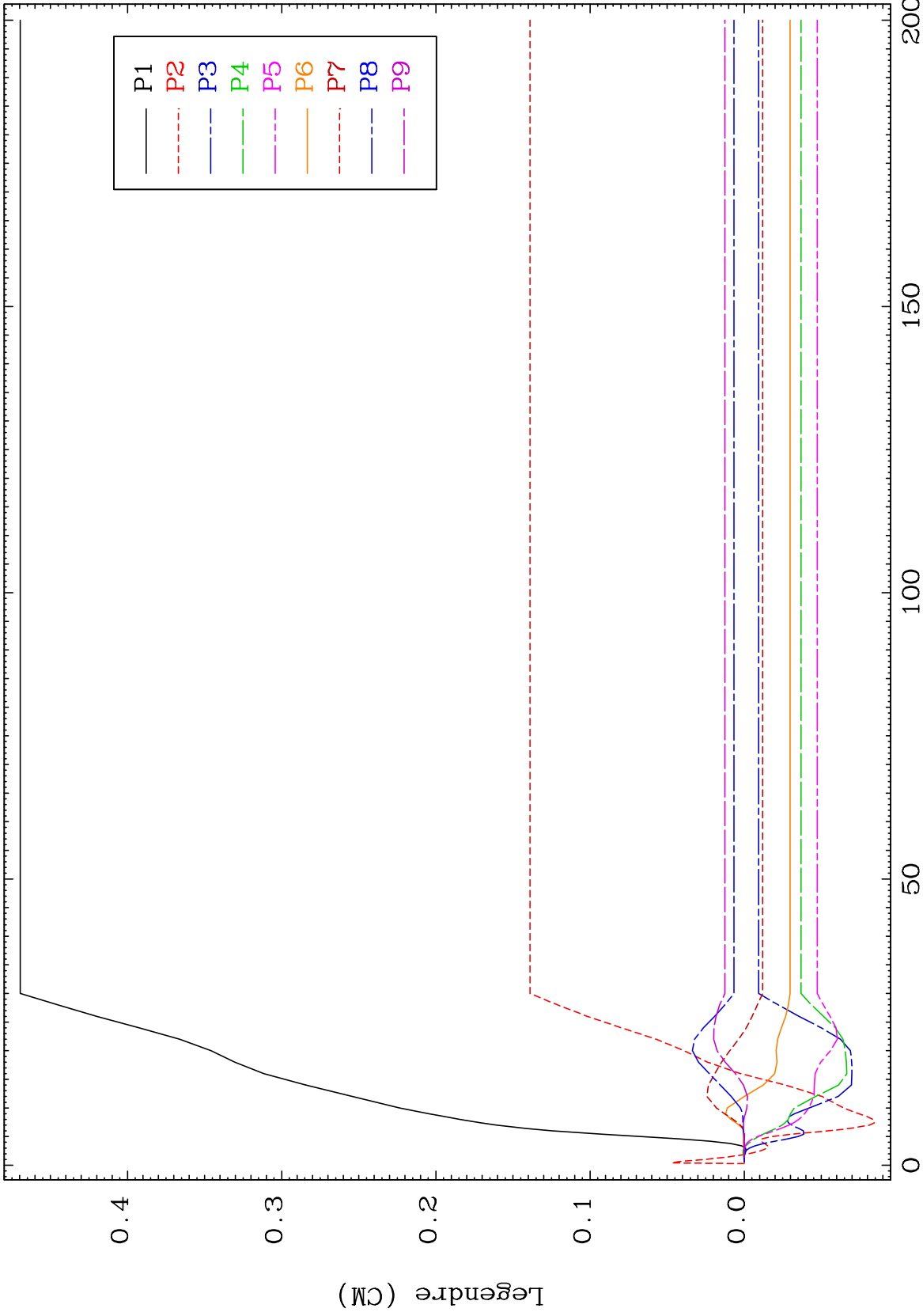


54 Incident Energy (MeV) 51-Sb-120

MAT 5122

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

51-Sb-120



55

Incident Energy (MeV)

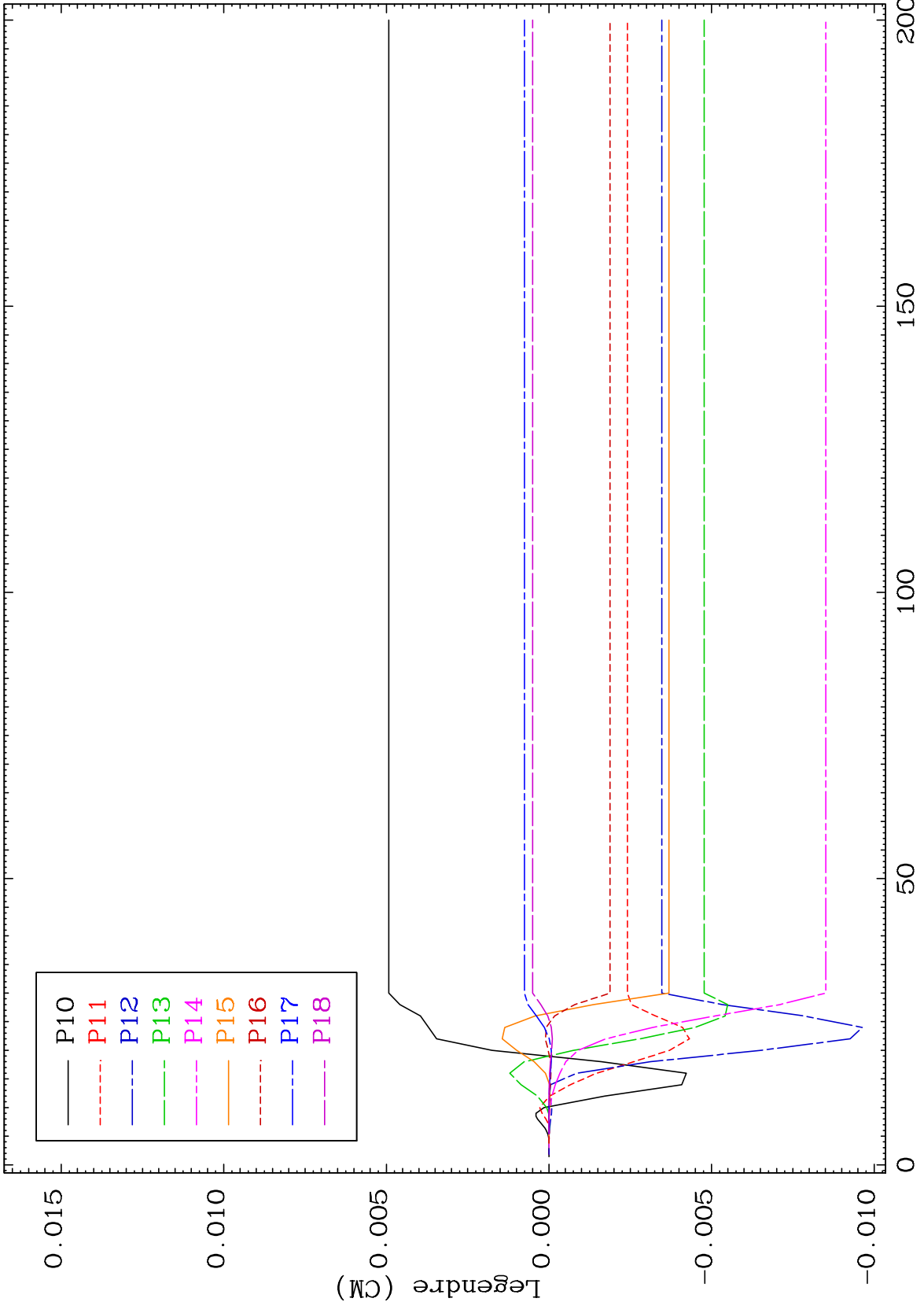
51-Sb-120



MAT 5122

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

51-Sb-120



56

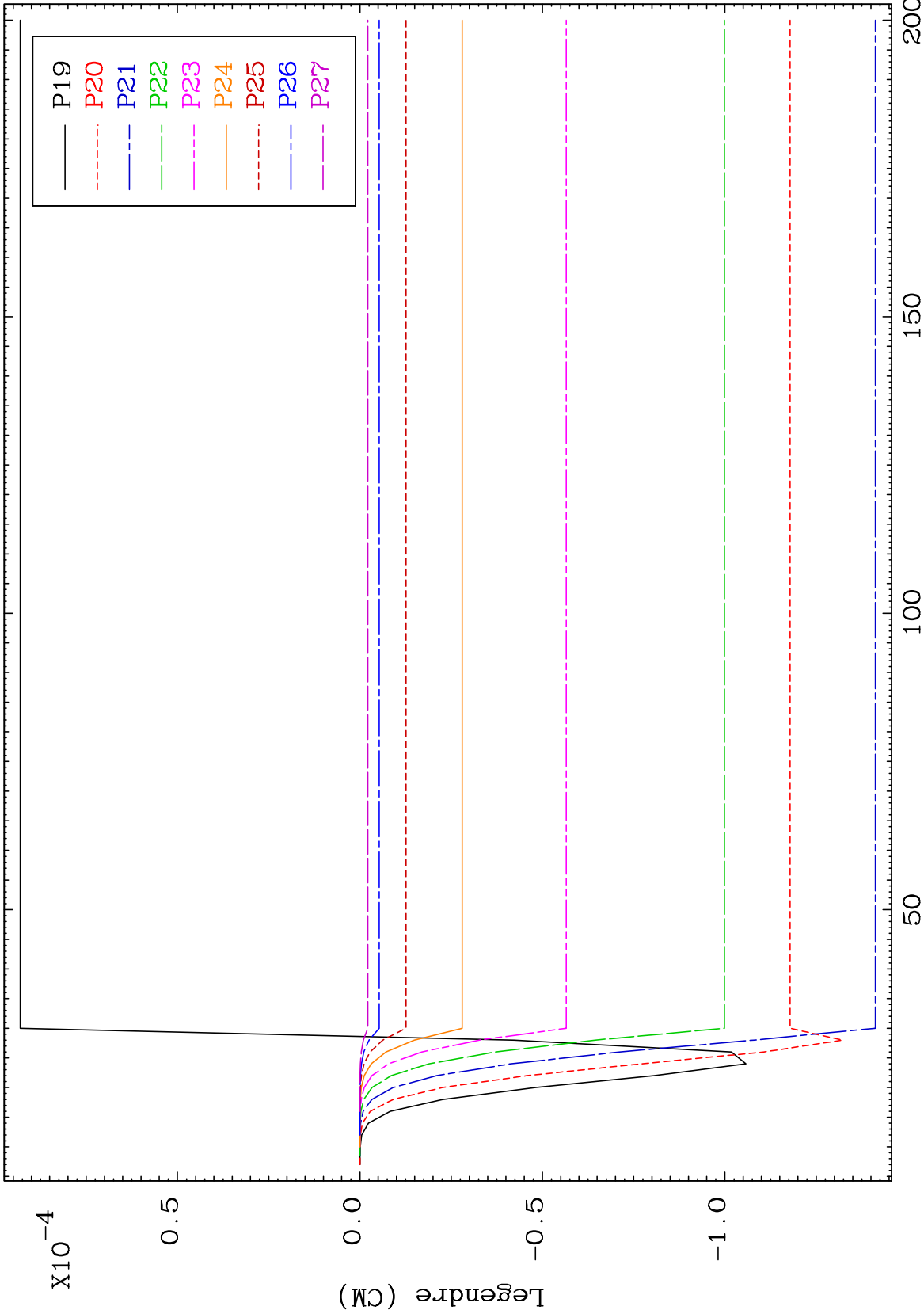
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120

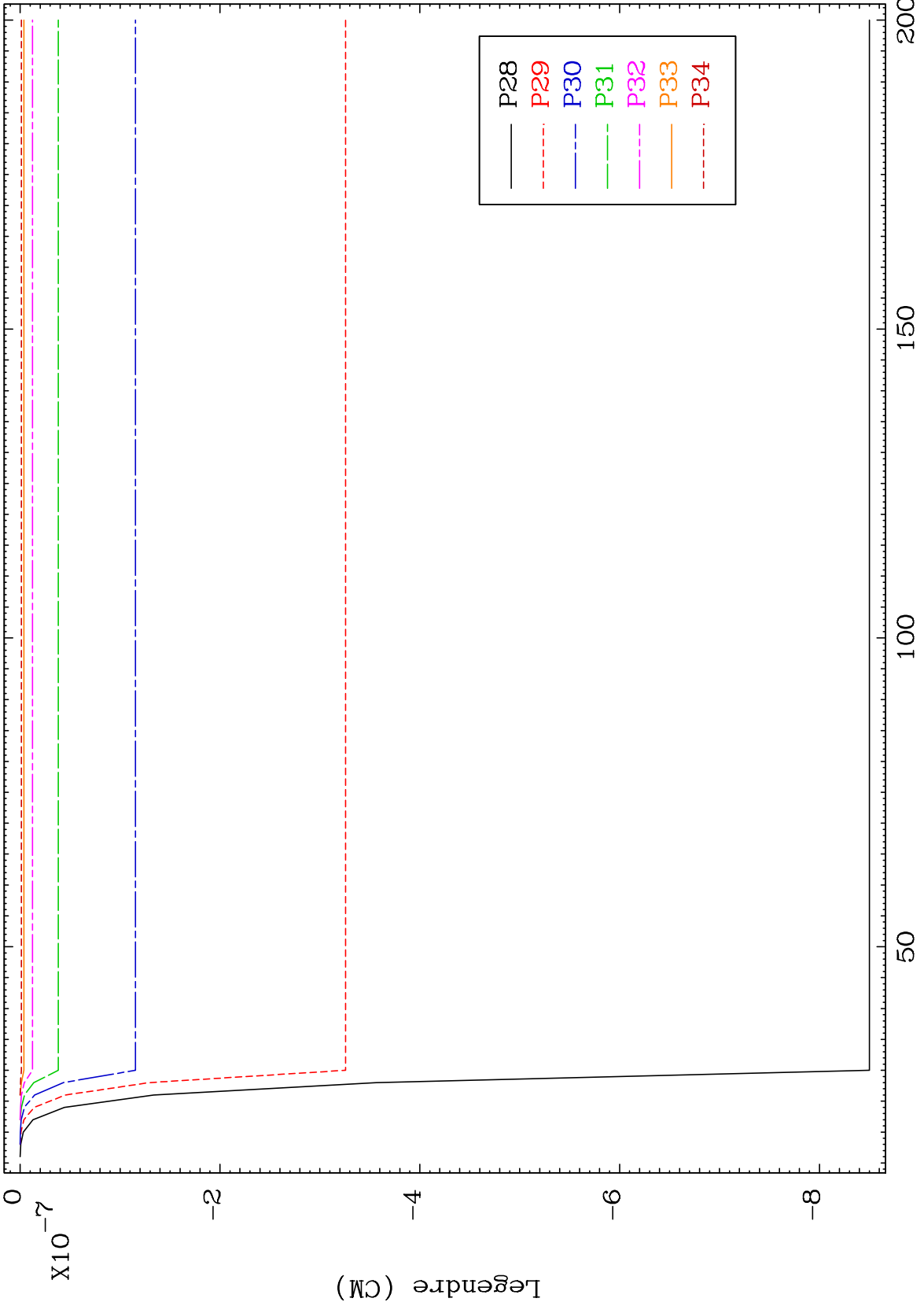


57

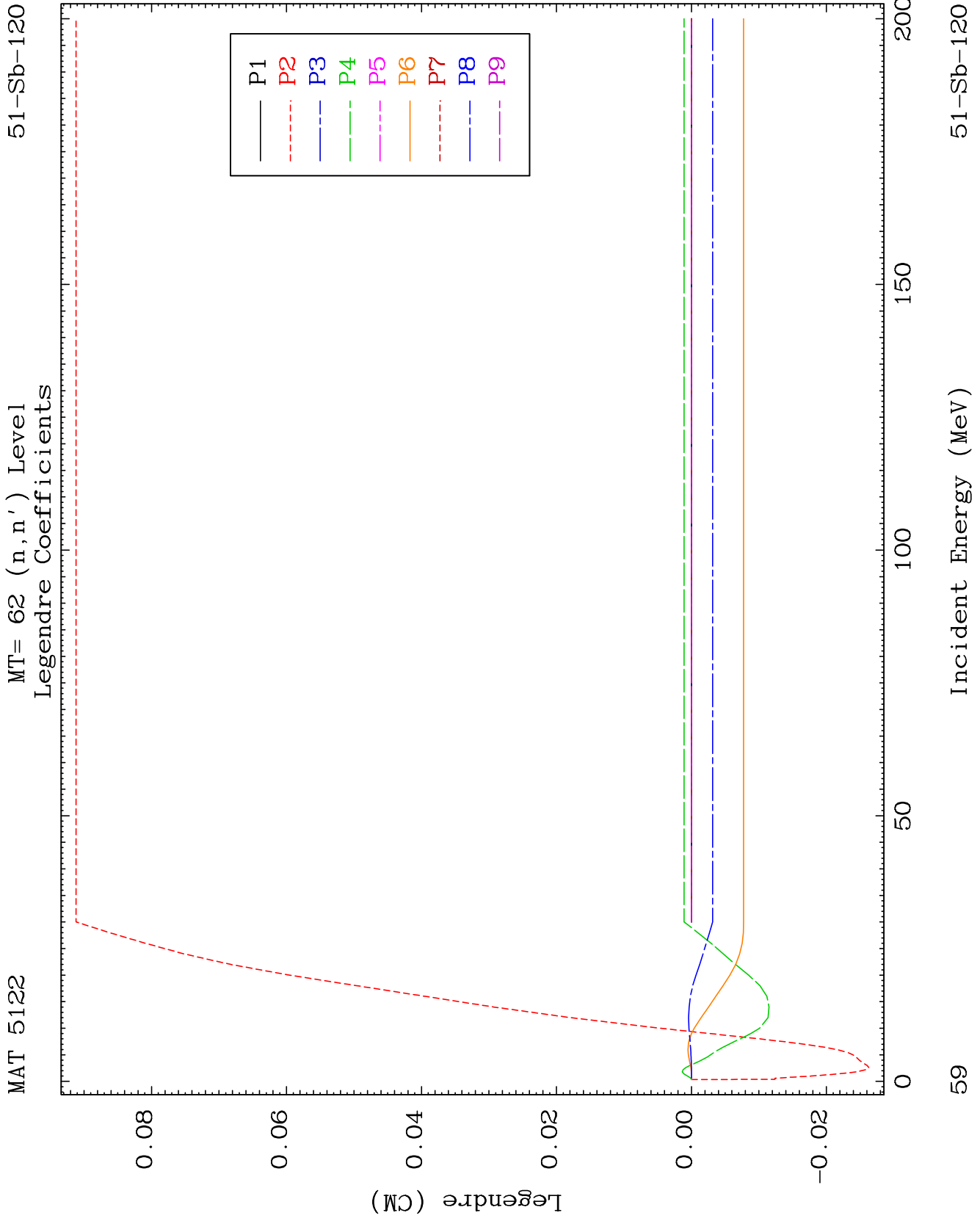
Incident Energy (MeV)

51-Sb-120

MAT 5122 MT= 61 (n,n') Level Legendre Coefficients 51-Sb-120



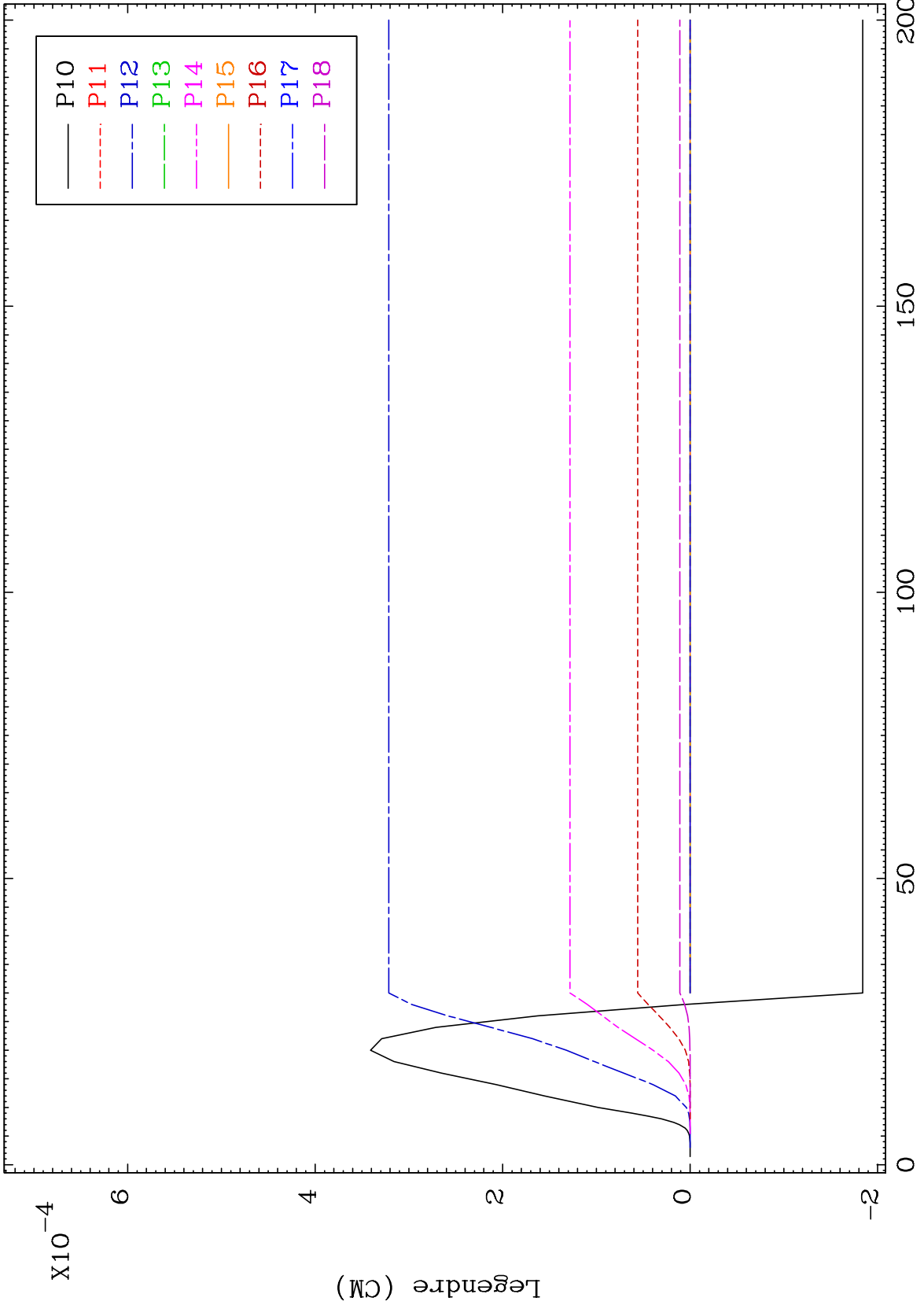
58 51-Sb-120



MAT 5122

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

51-Sb-120



60

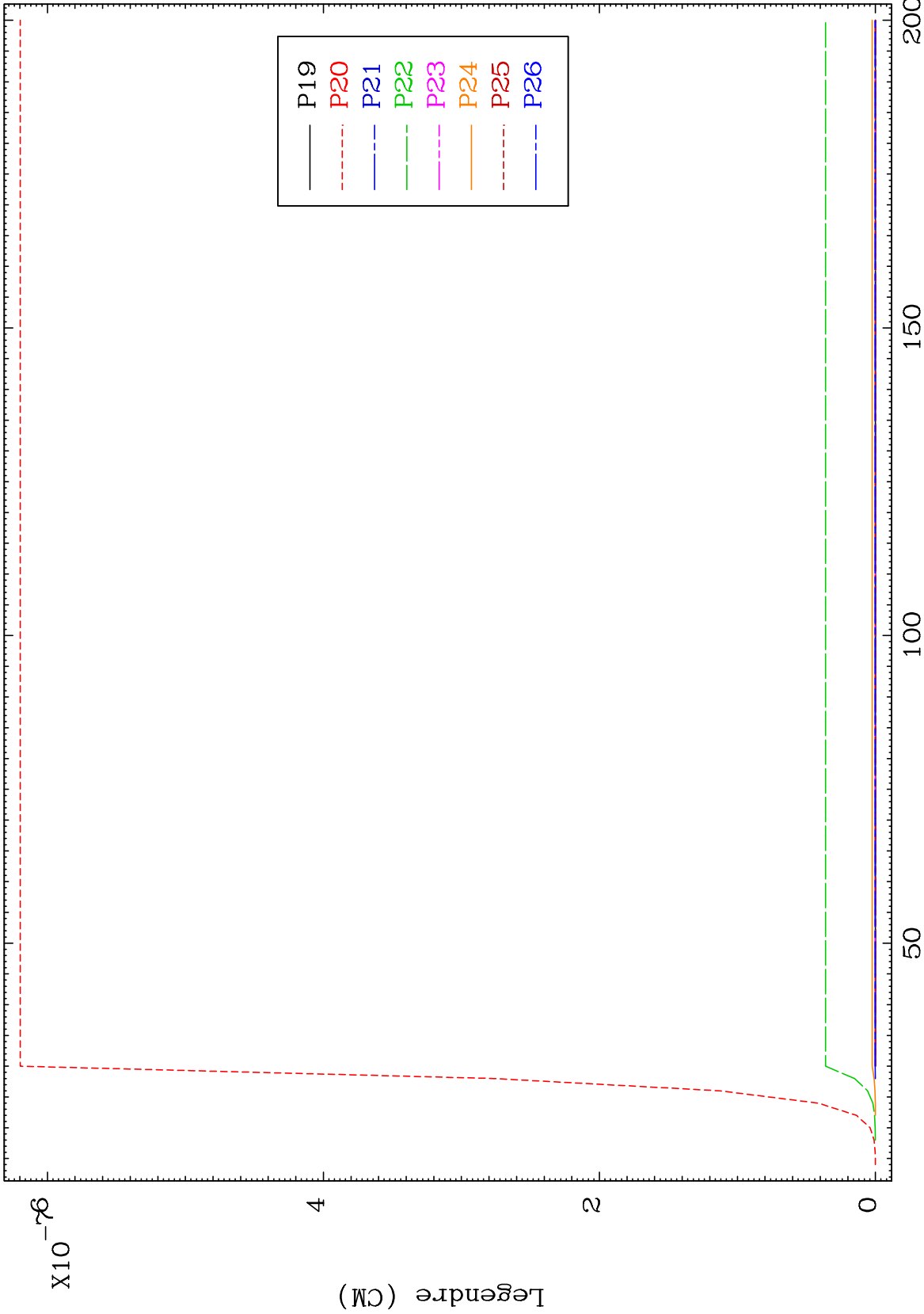
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



61

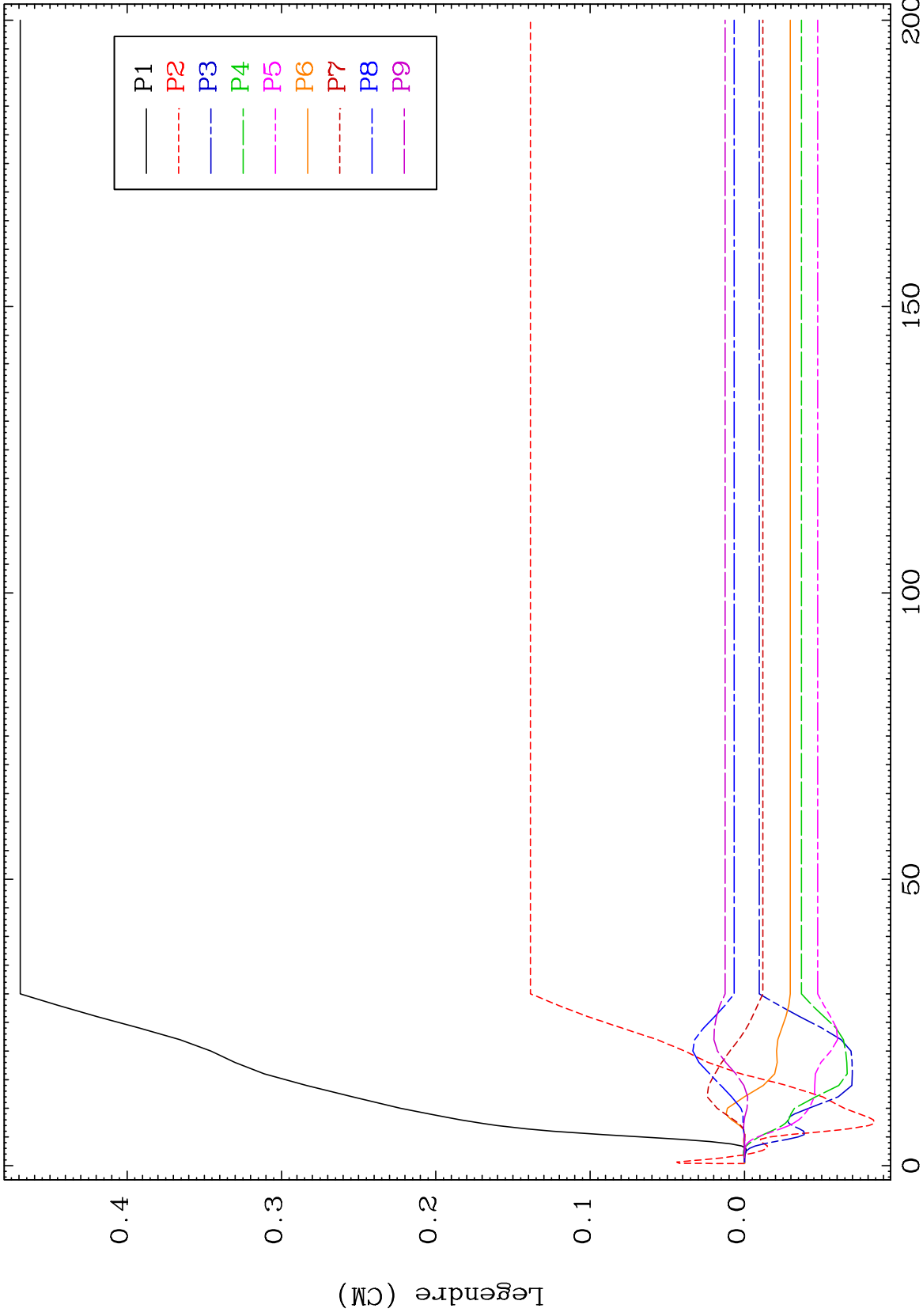
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



62

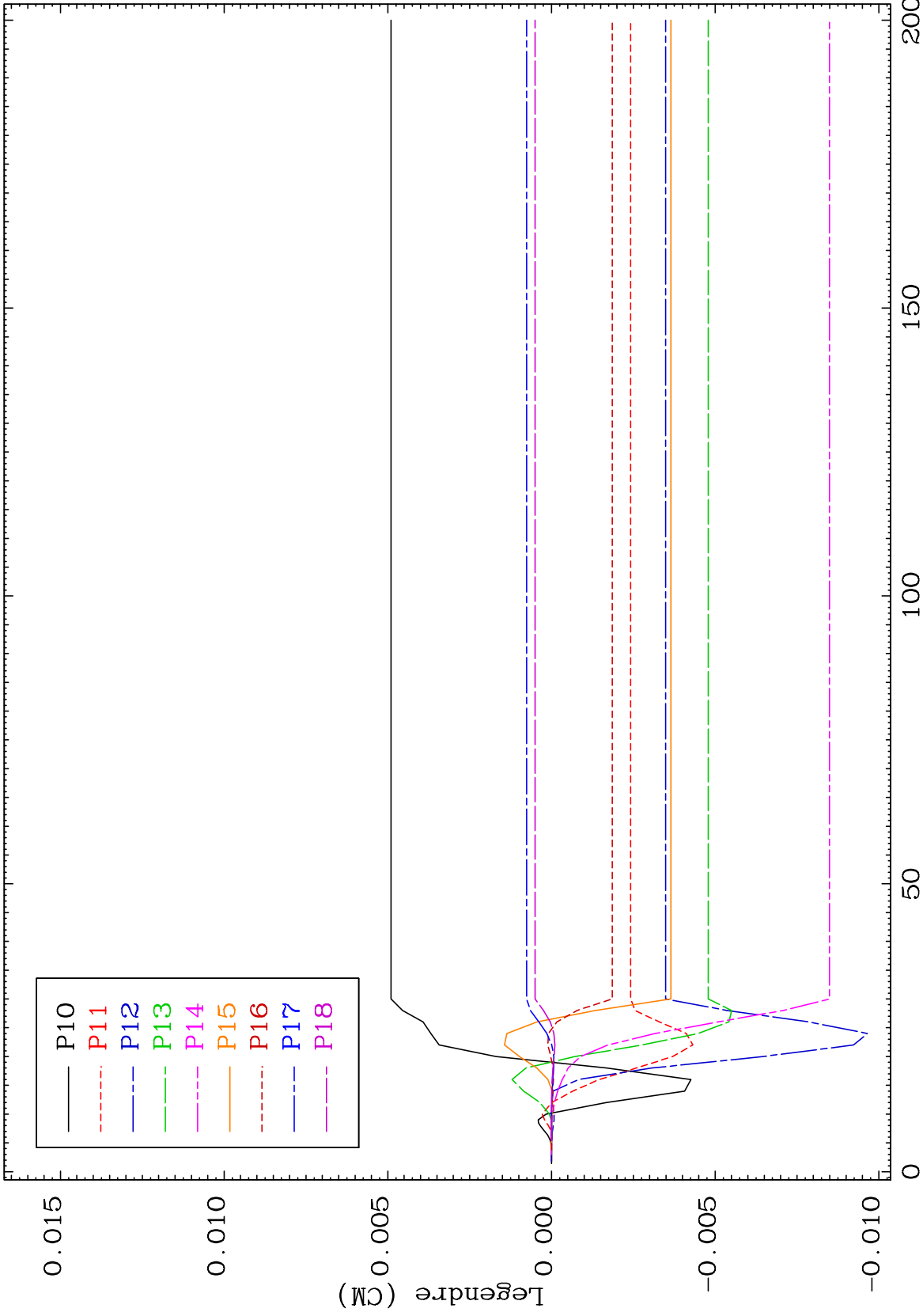
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



63

Incident Energy (MeV)

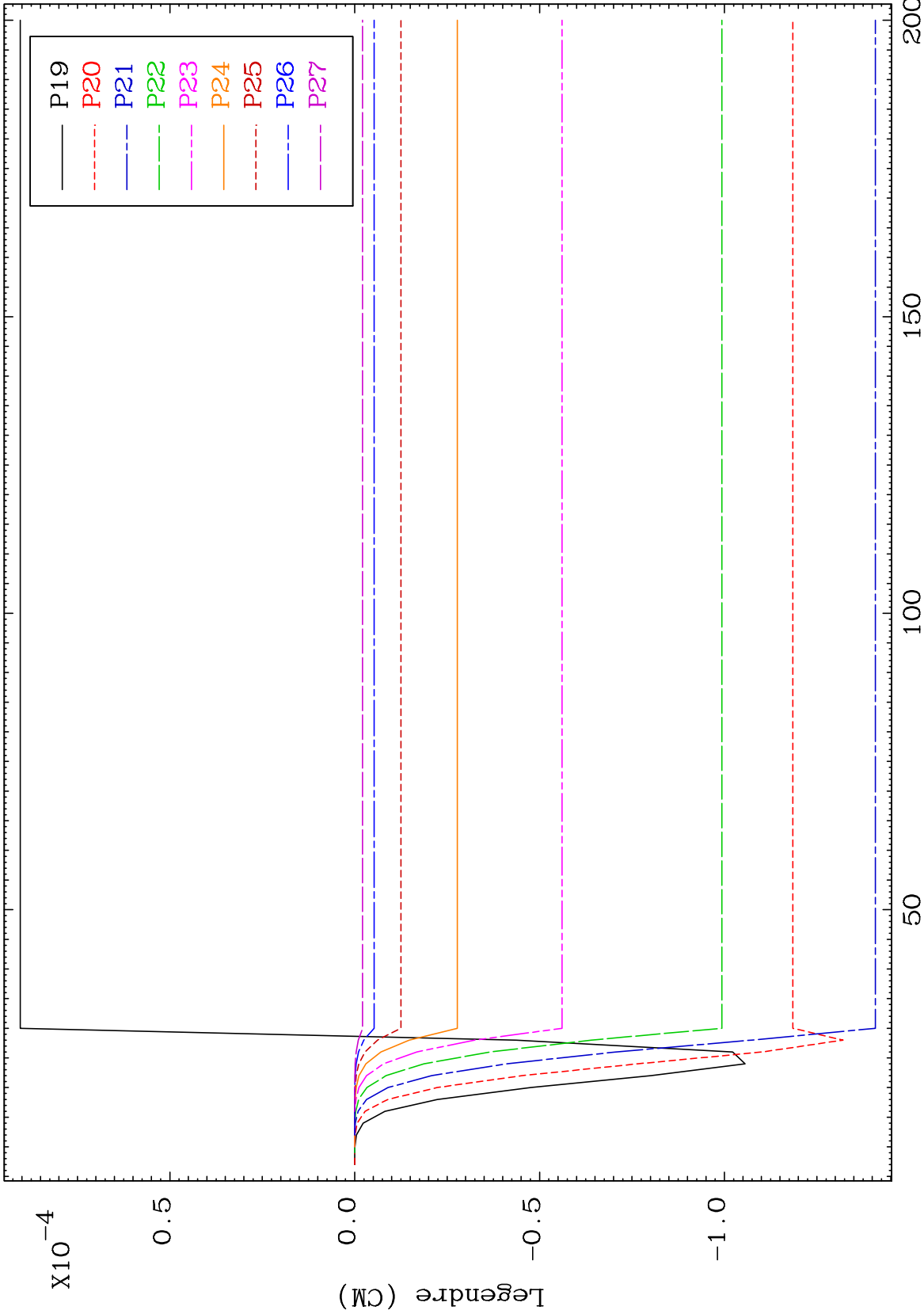
51-Sb-120



MAT 5122

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

51-Sb-120



64

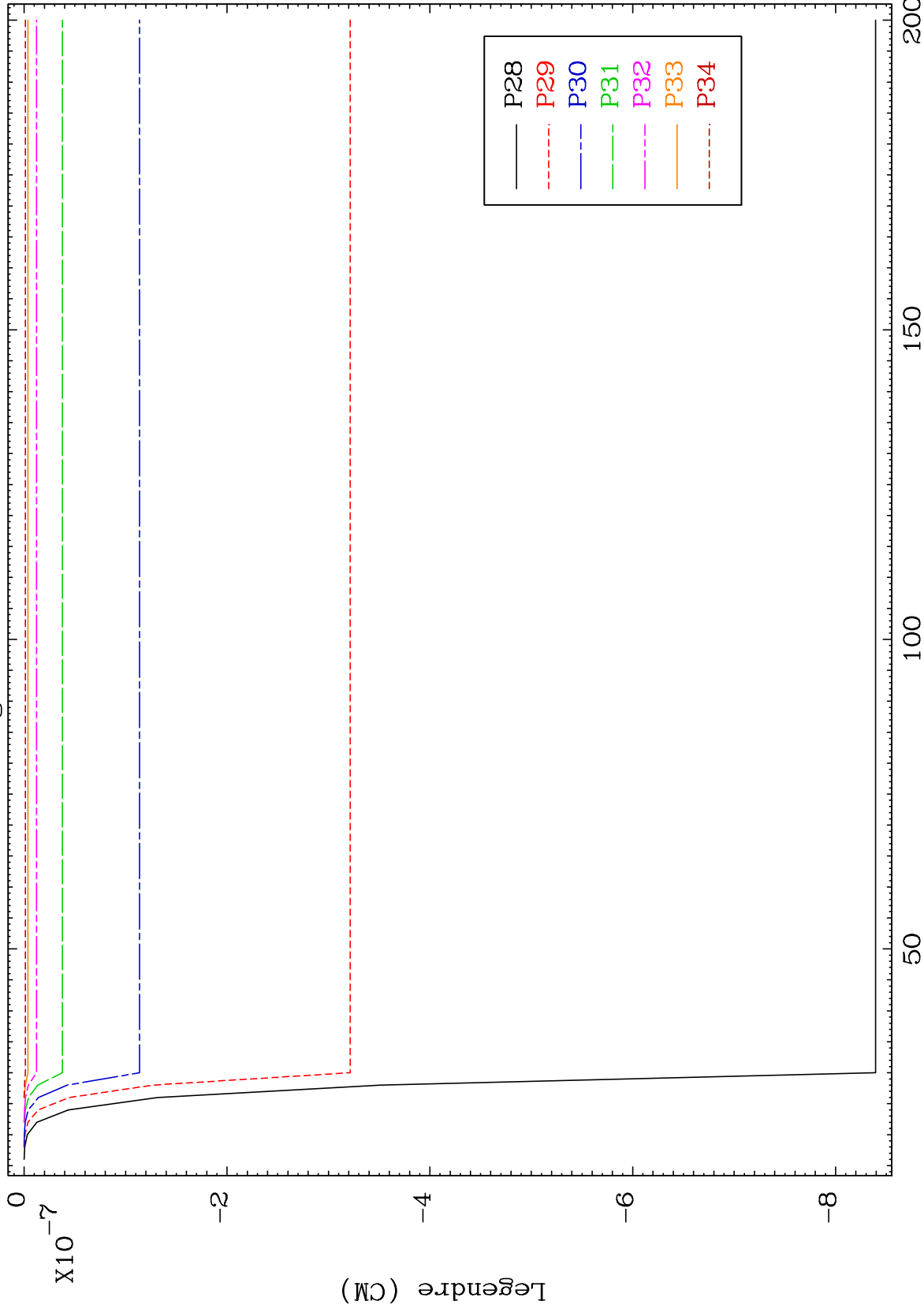
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



51-Sb-120

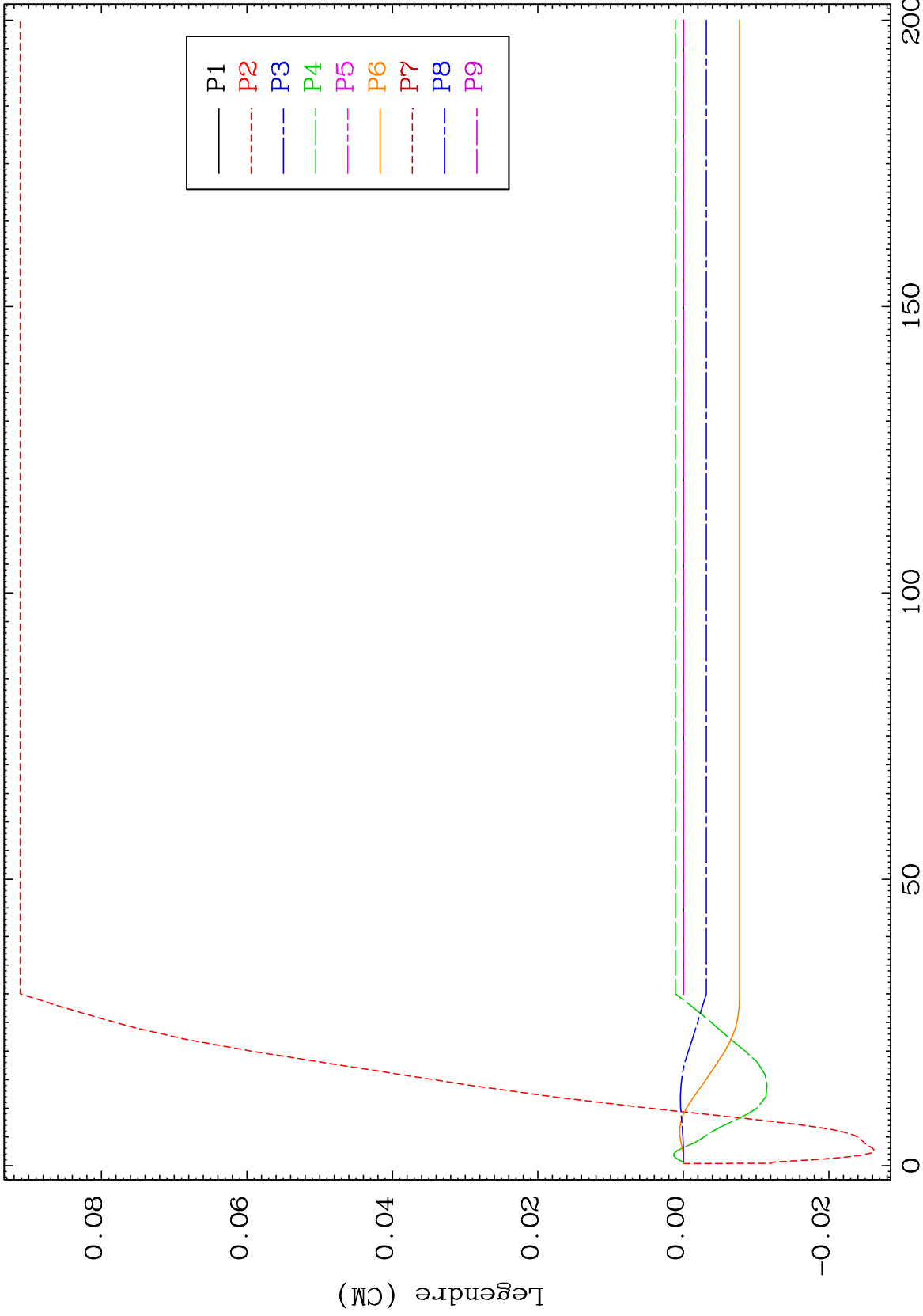
Incident Energy (MeV)

65

MAT 5122

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

51-Sb-120



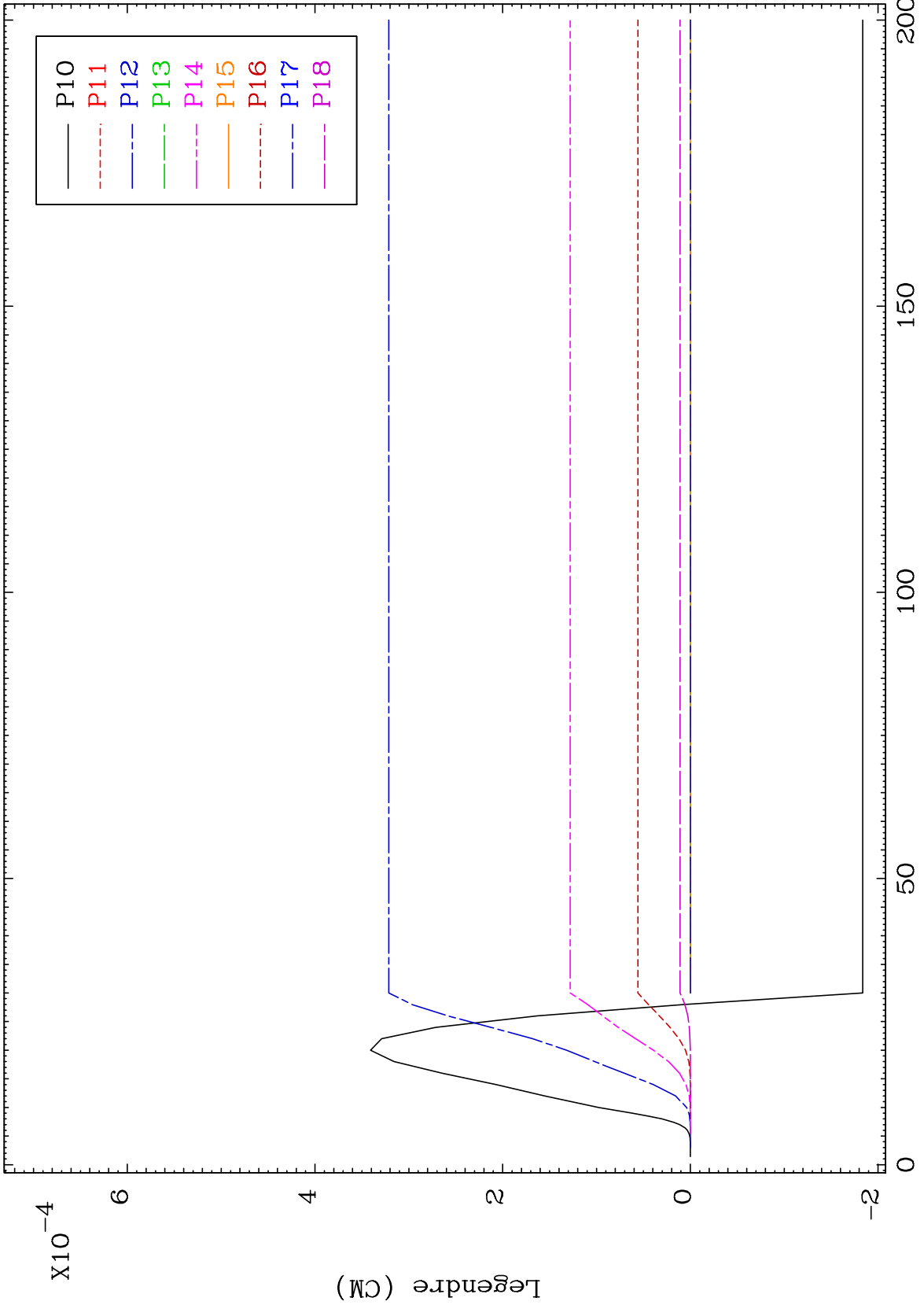
66

51-Sb-120

MAT 5122

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

51-Sb-120



67

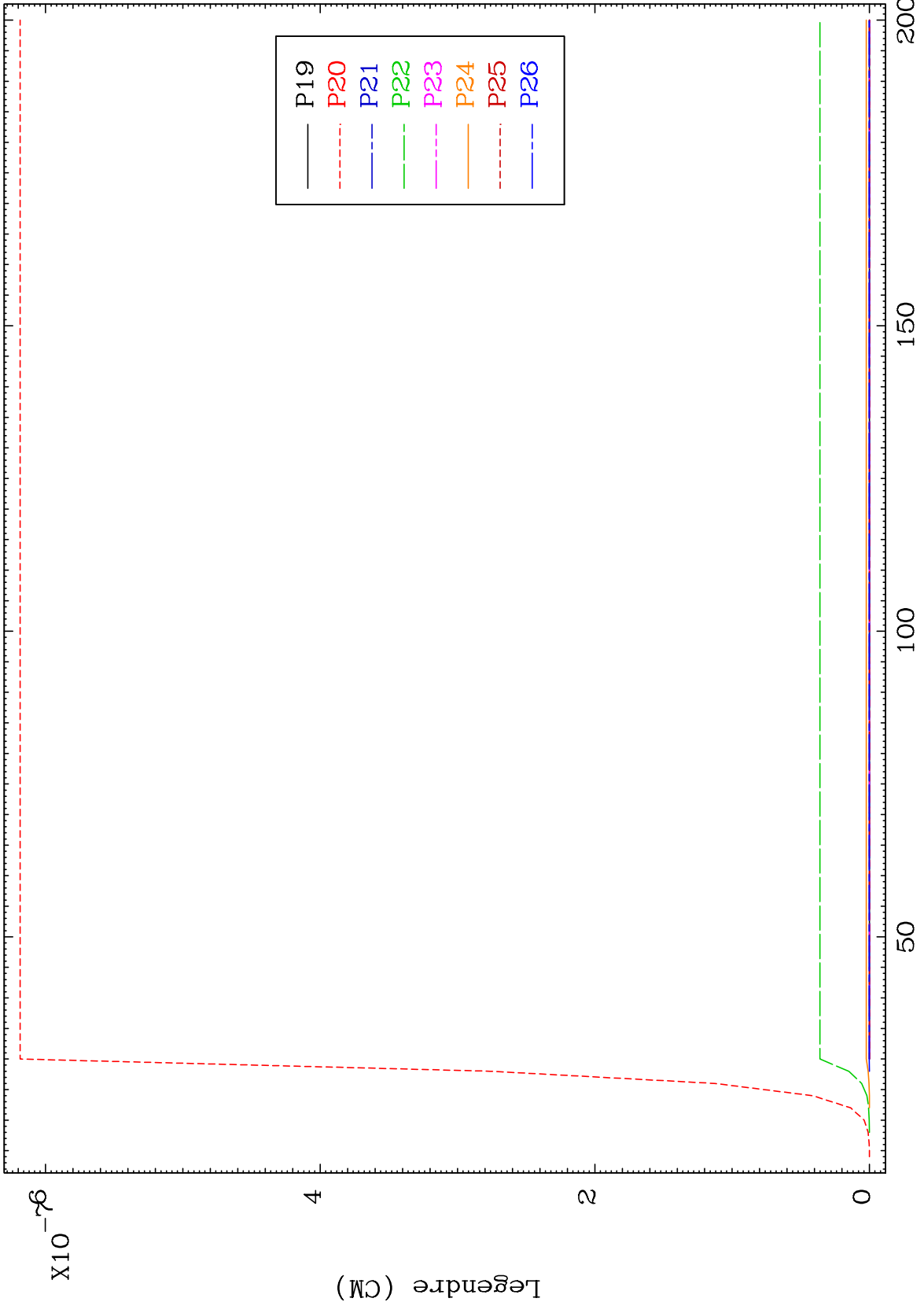
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



68

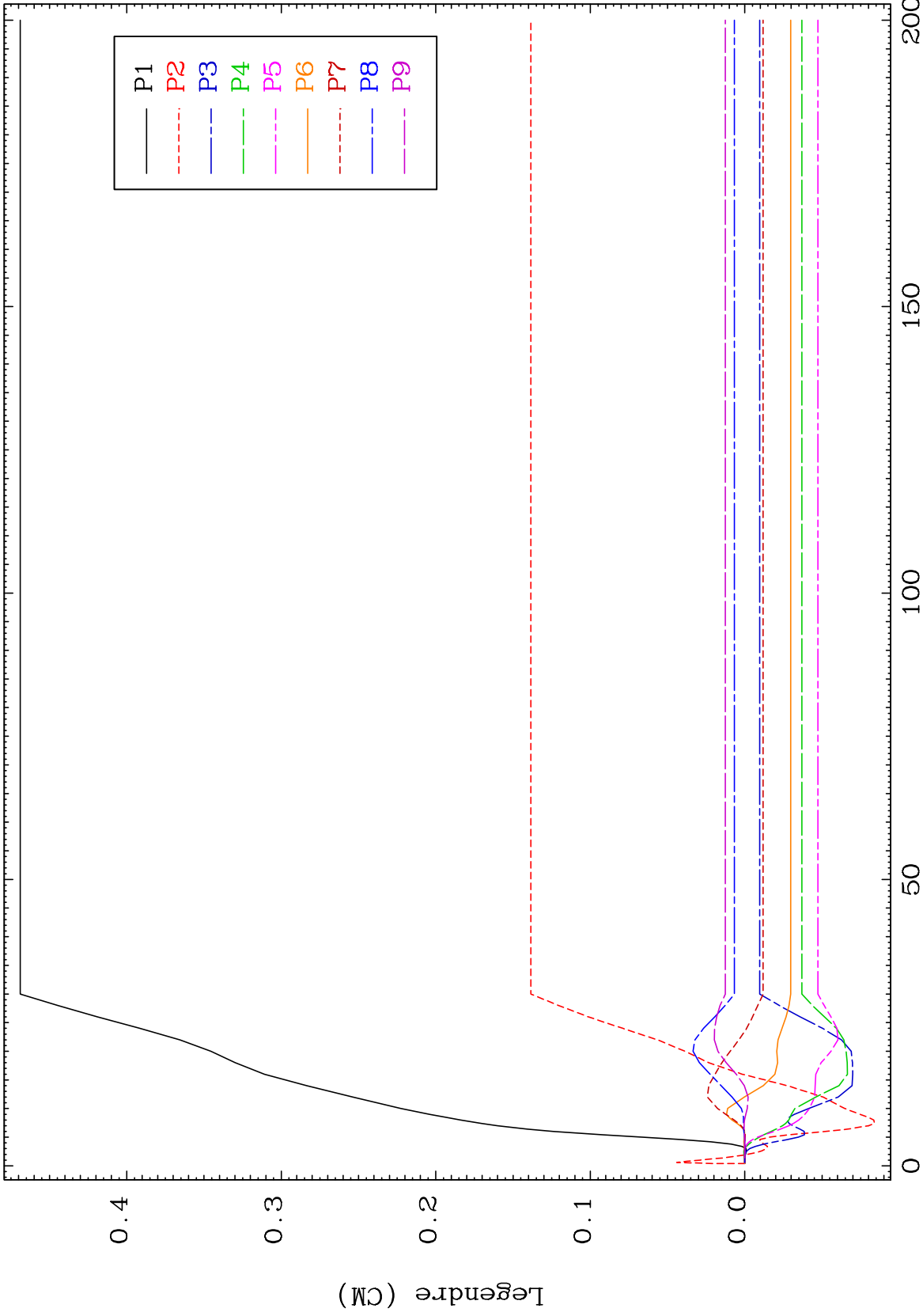
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



69

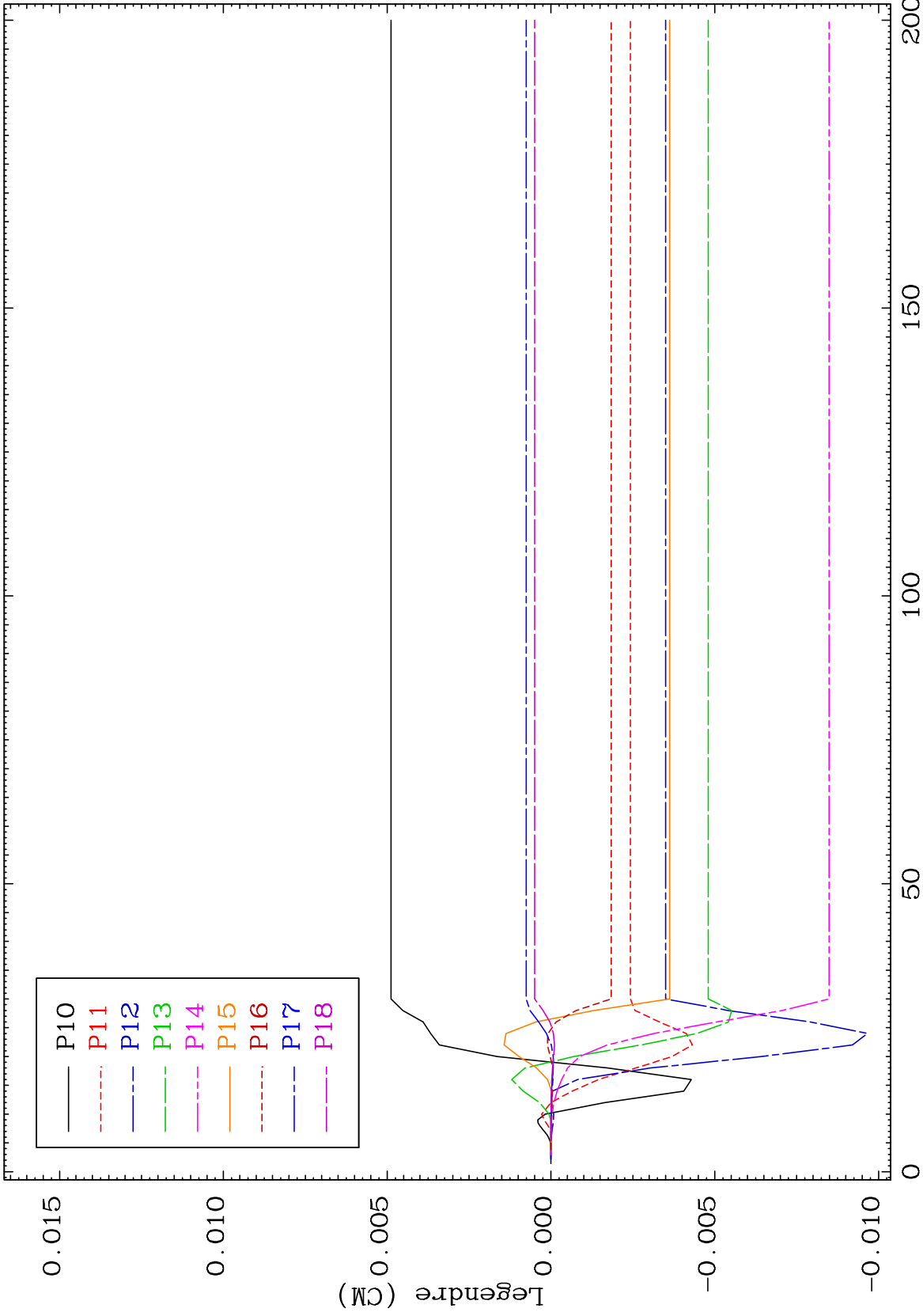
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



70

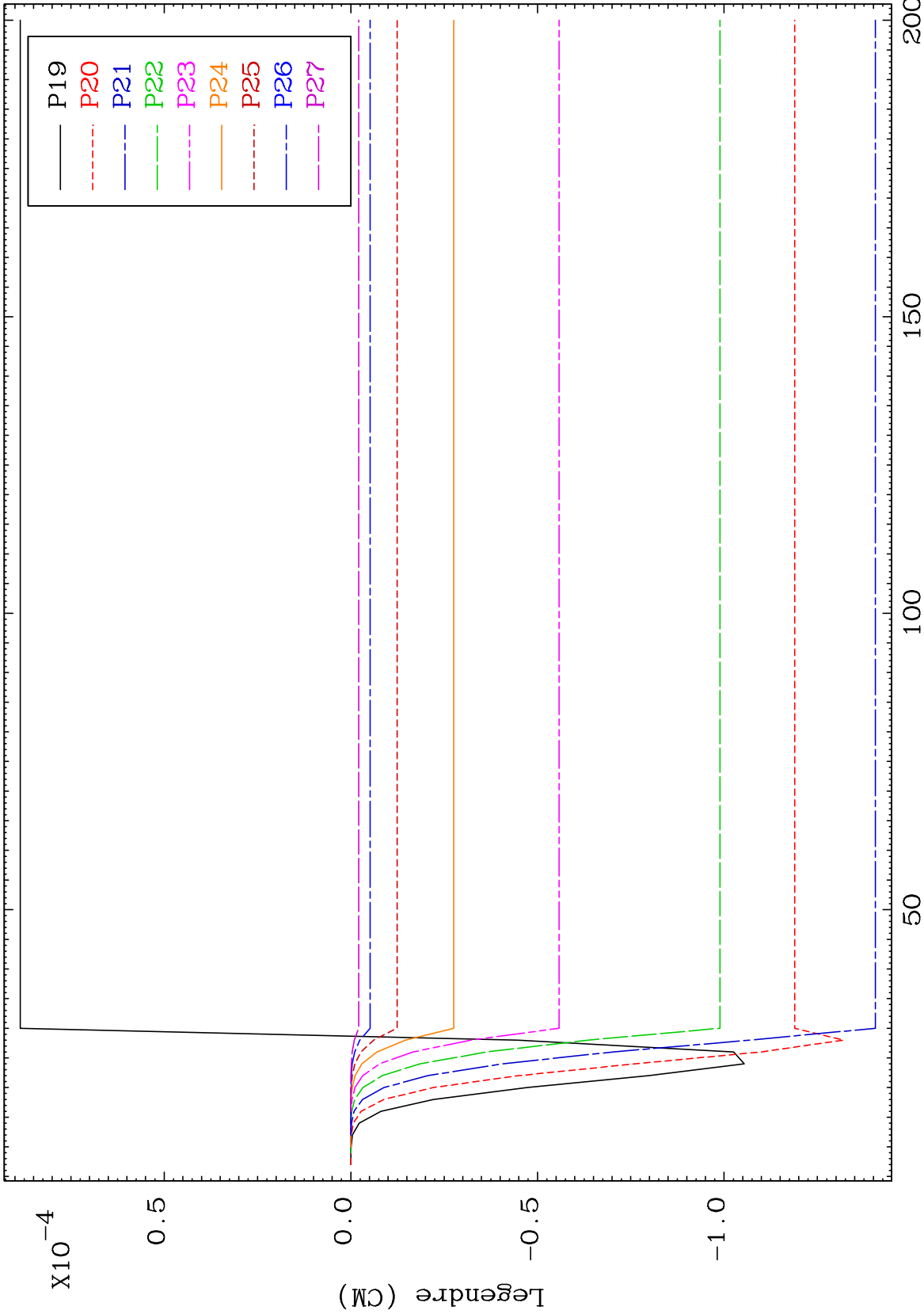
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



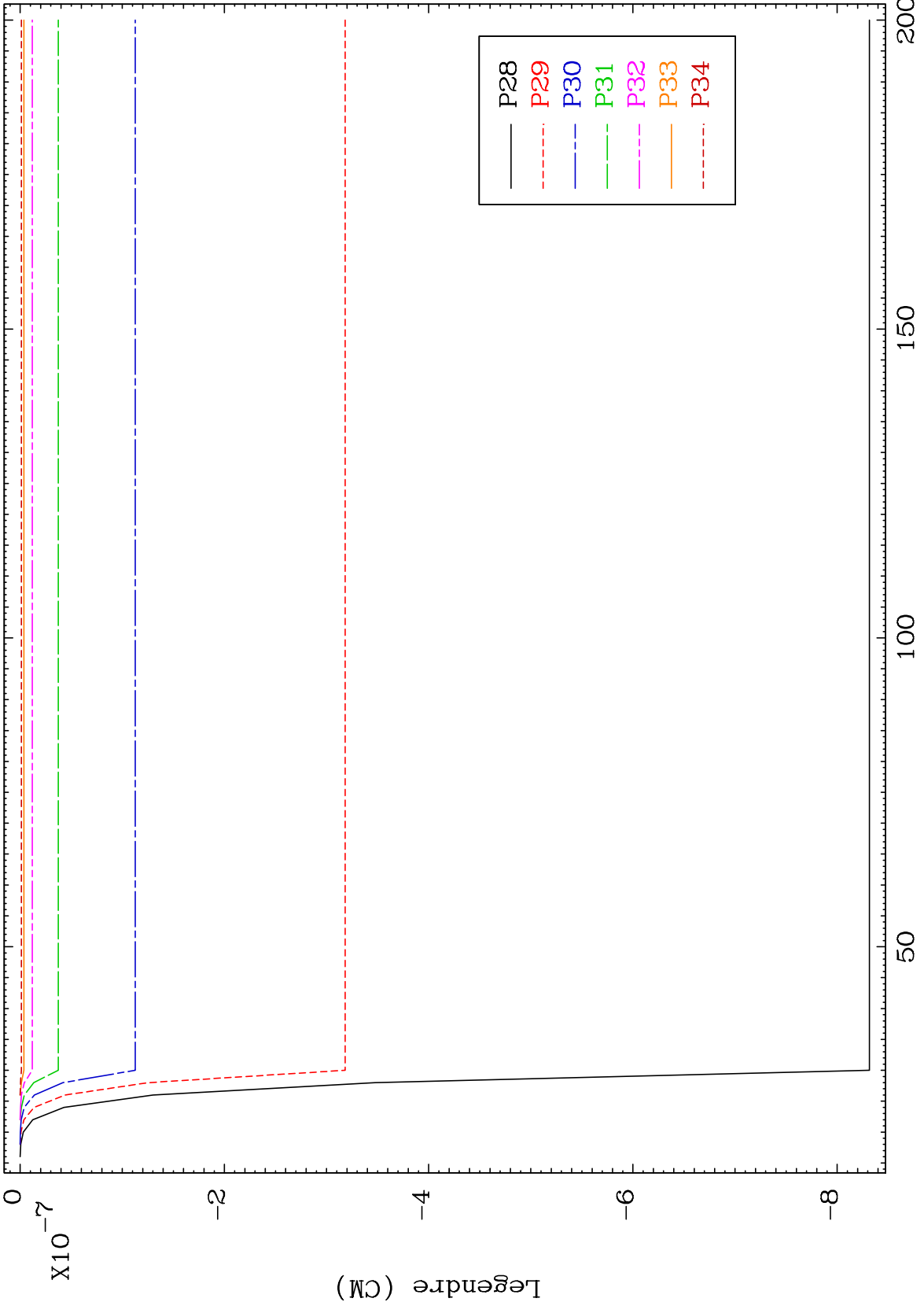
71

Incident Energy (MeV)

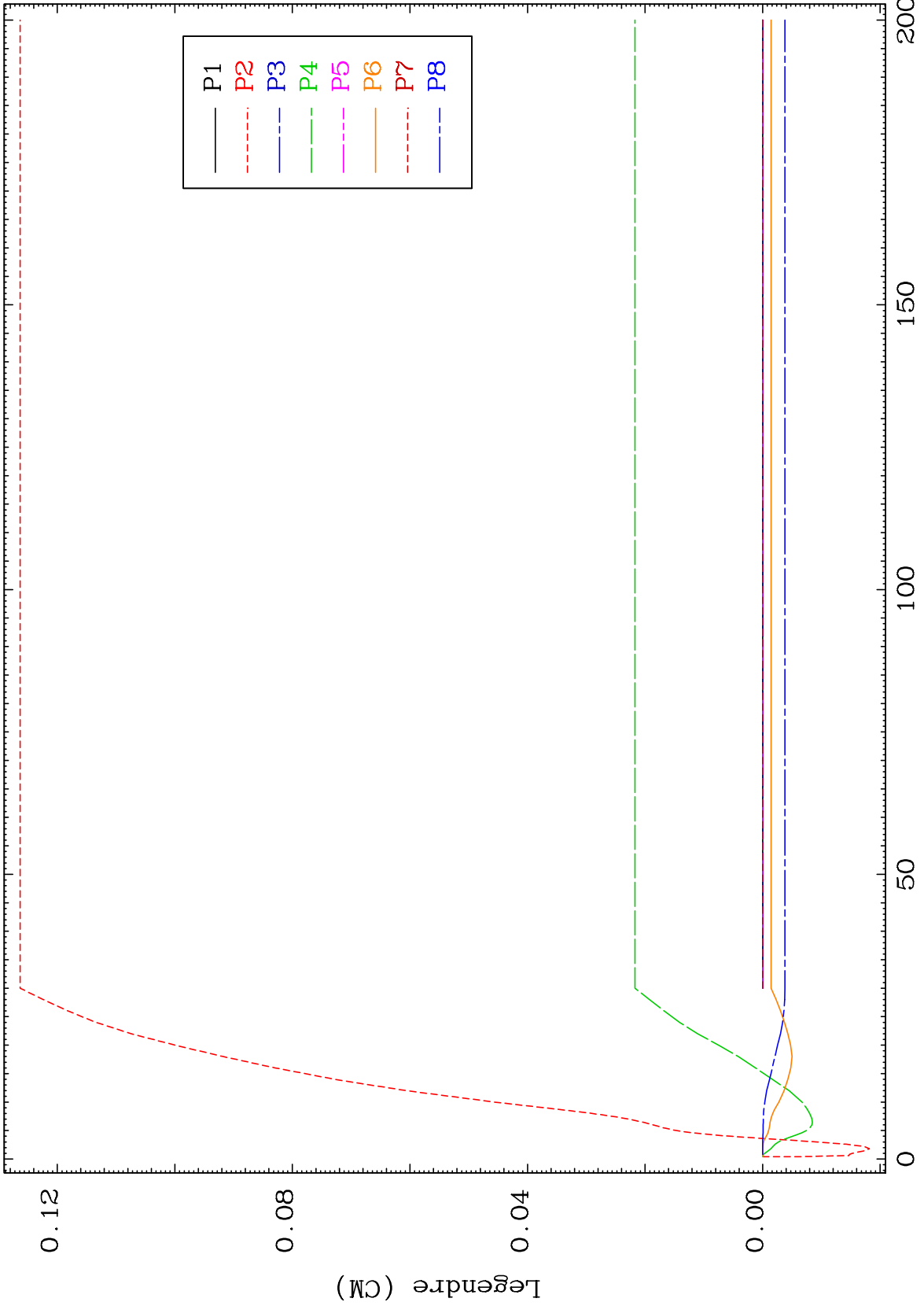
51-Sb-120



MAT 5122 MT= 65 (n,n') Level Legendre Coefficients 51-Sb-120



MAT 5122 MT= 66 (n,n') Level Legendre Coefficients 51-Sb-120

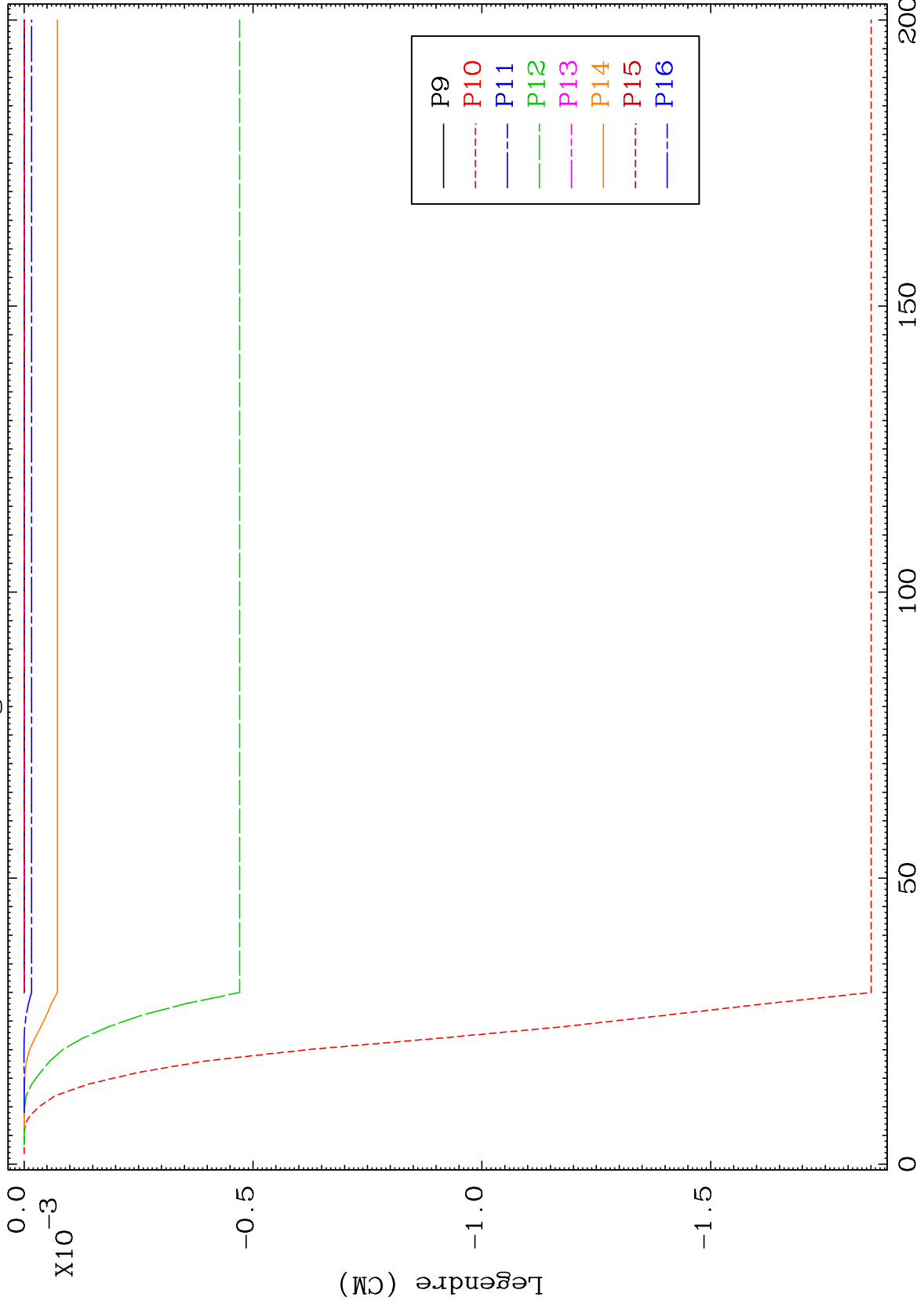


73 51-Sb-120

MAT 5122

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

51-Sb-120

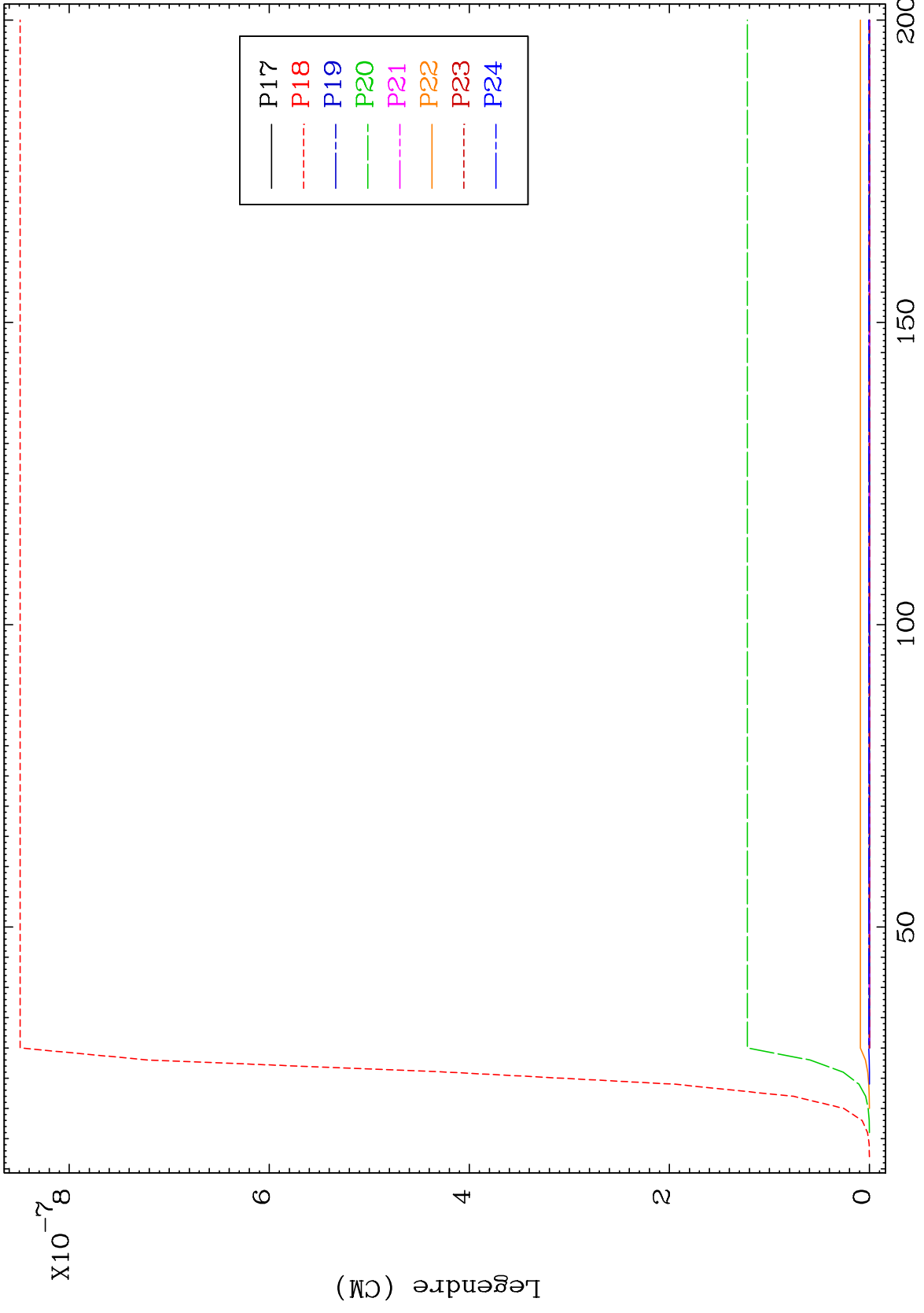


51-Sb-120

Incident Energy (MeV)

74

MAT 5122 MT= 66 (n,n') Level Legendre Coefficients 51-Sb-120

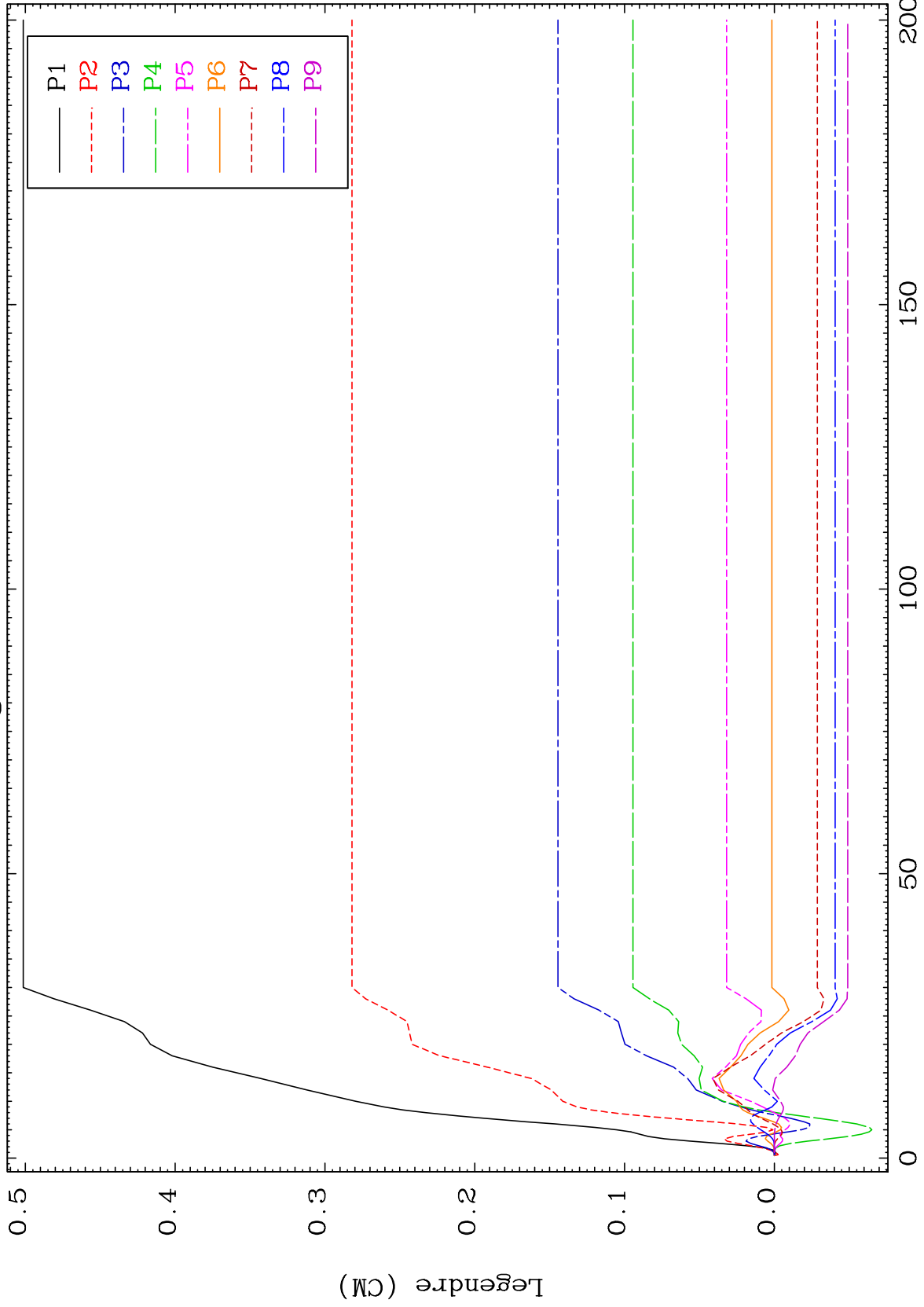


75 50 100 150 200 51-Sb-120

MAT 5122

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

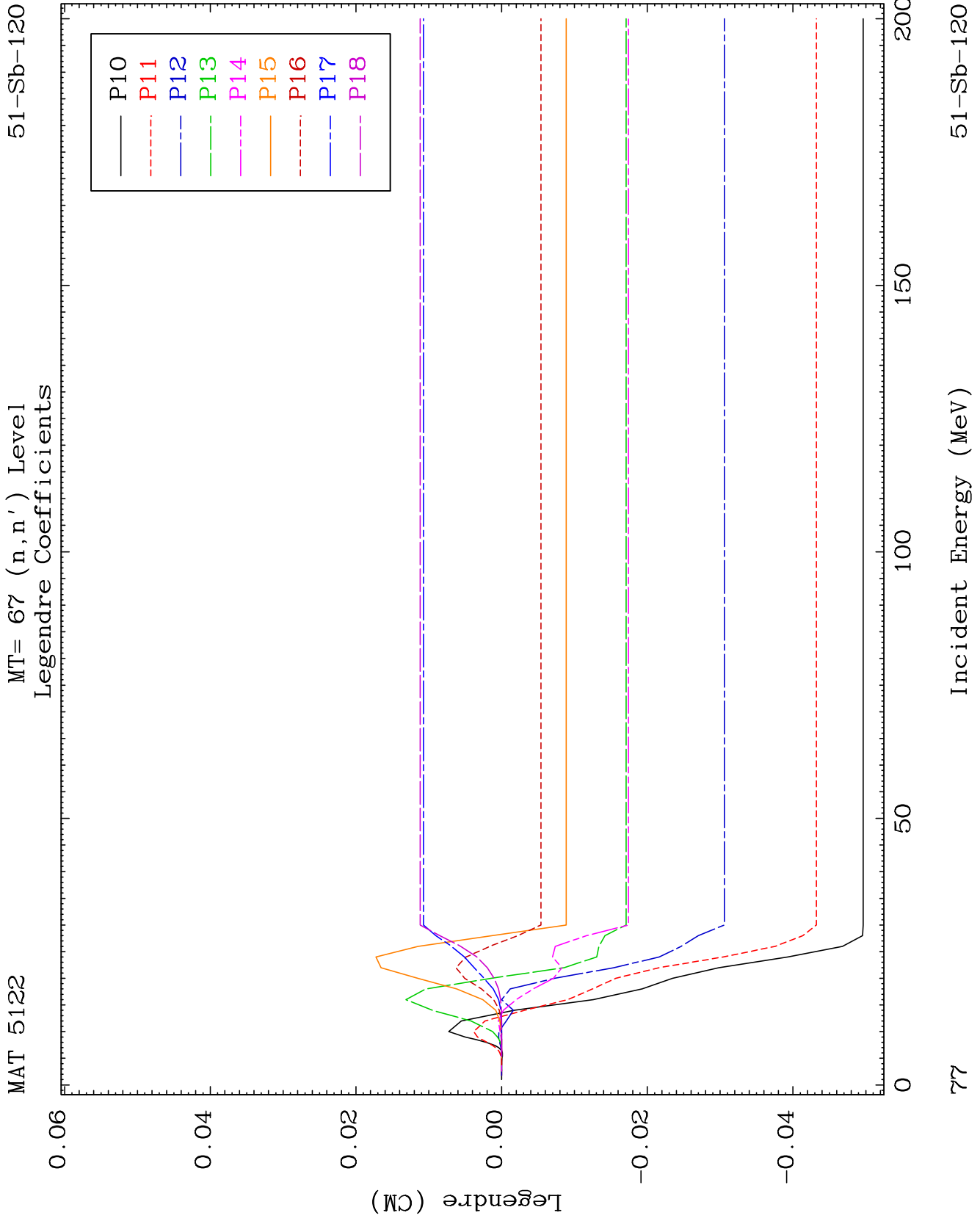
51-Sb-120



76

Incident Energy (MeV)

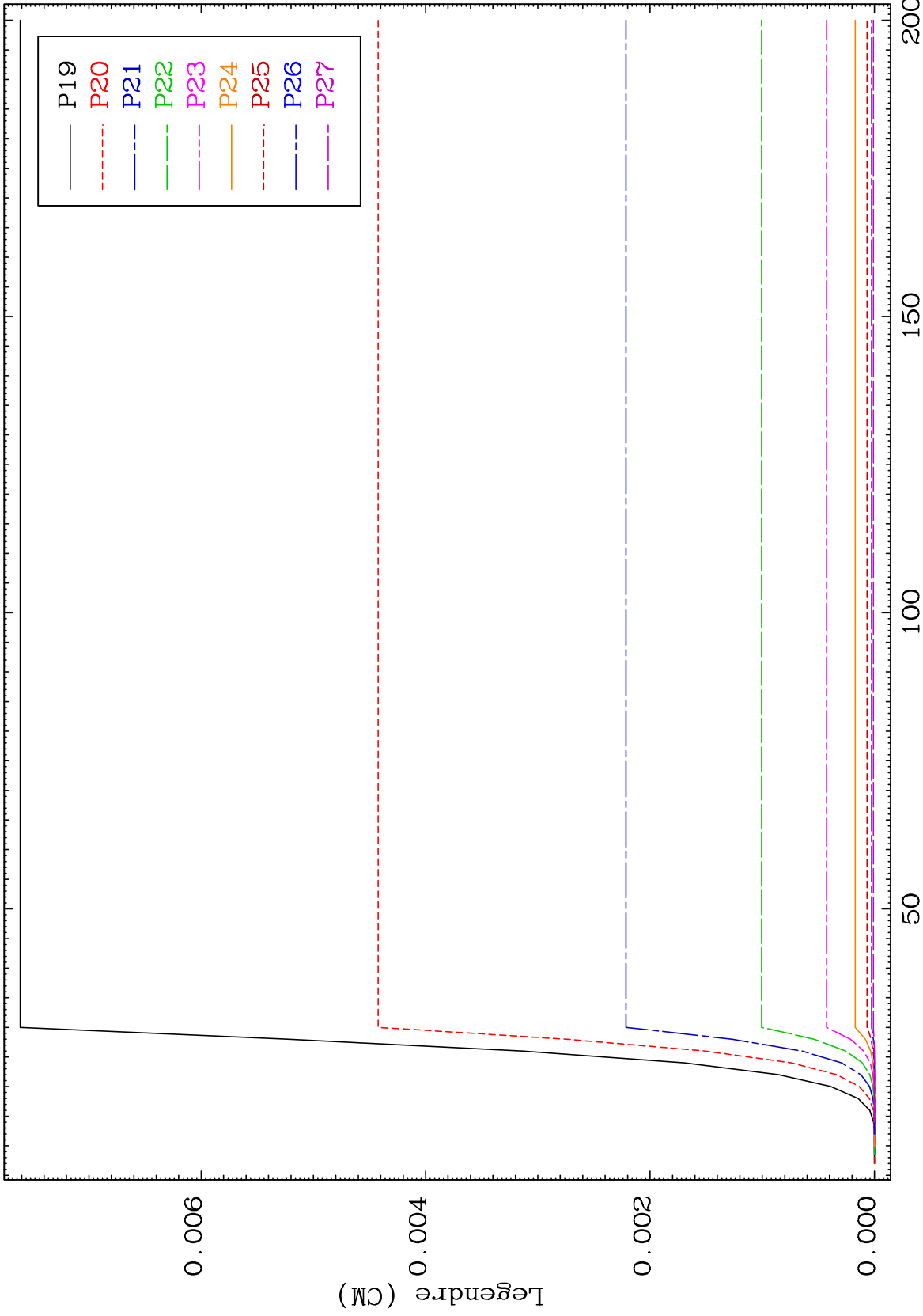
51-Sb-120



MAT 5122

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

51-Sb-120



78

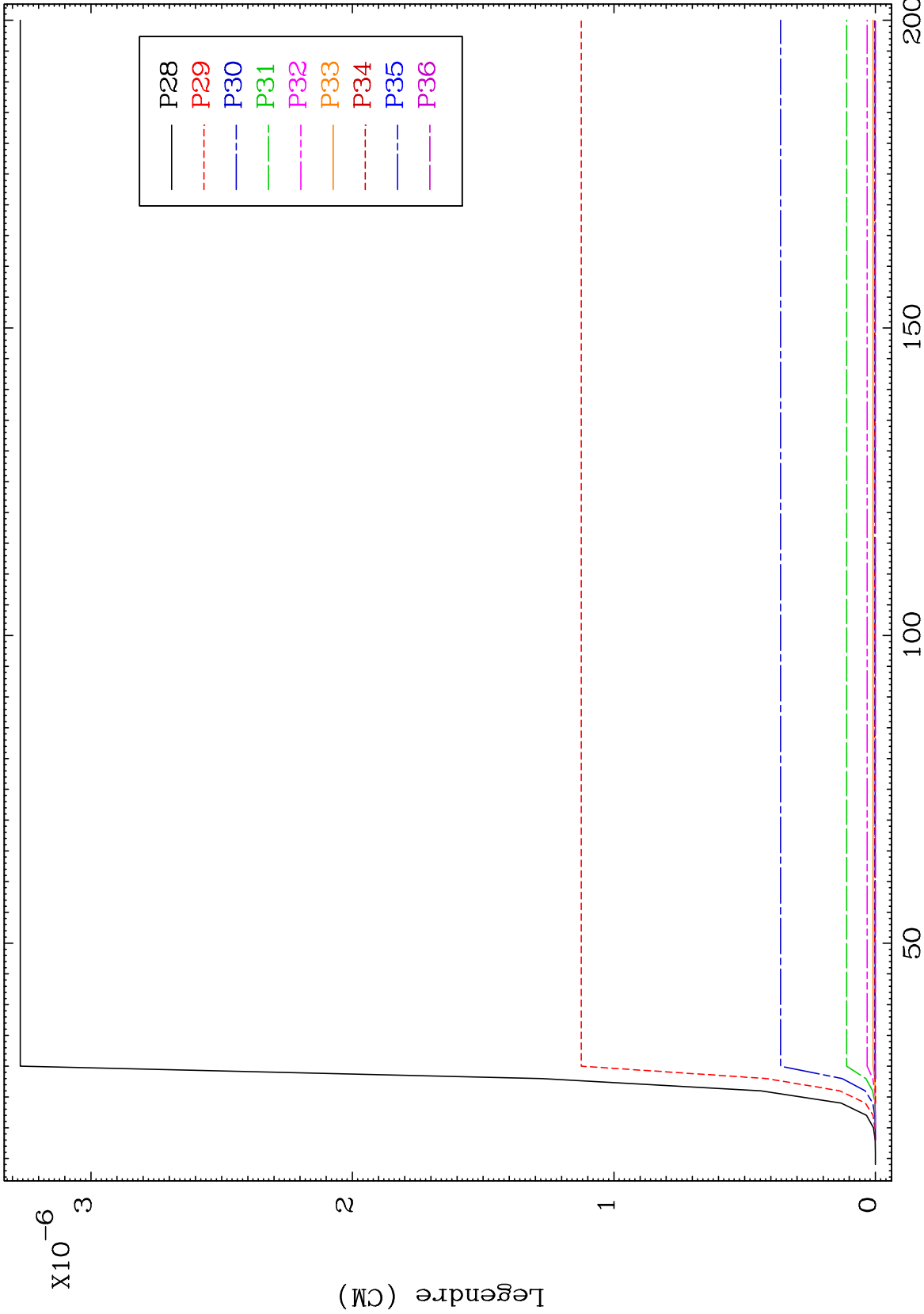
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120

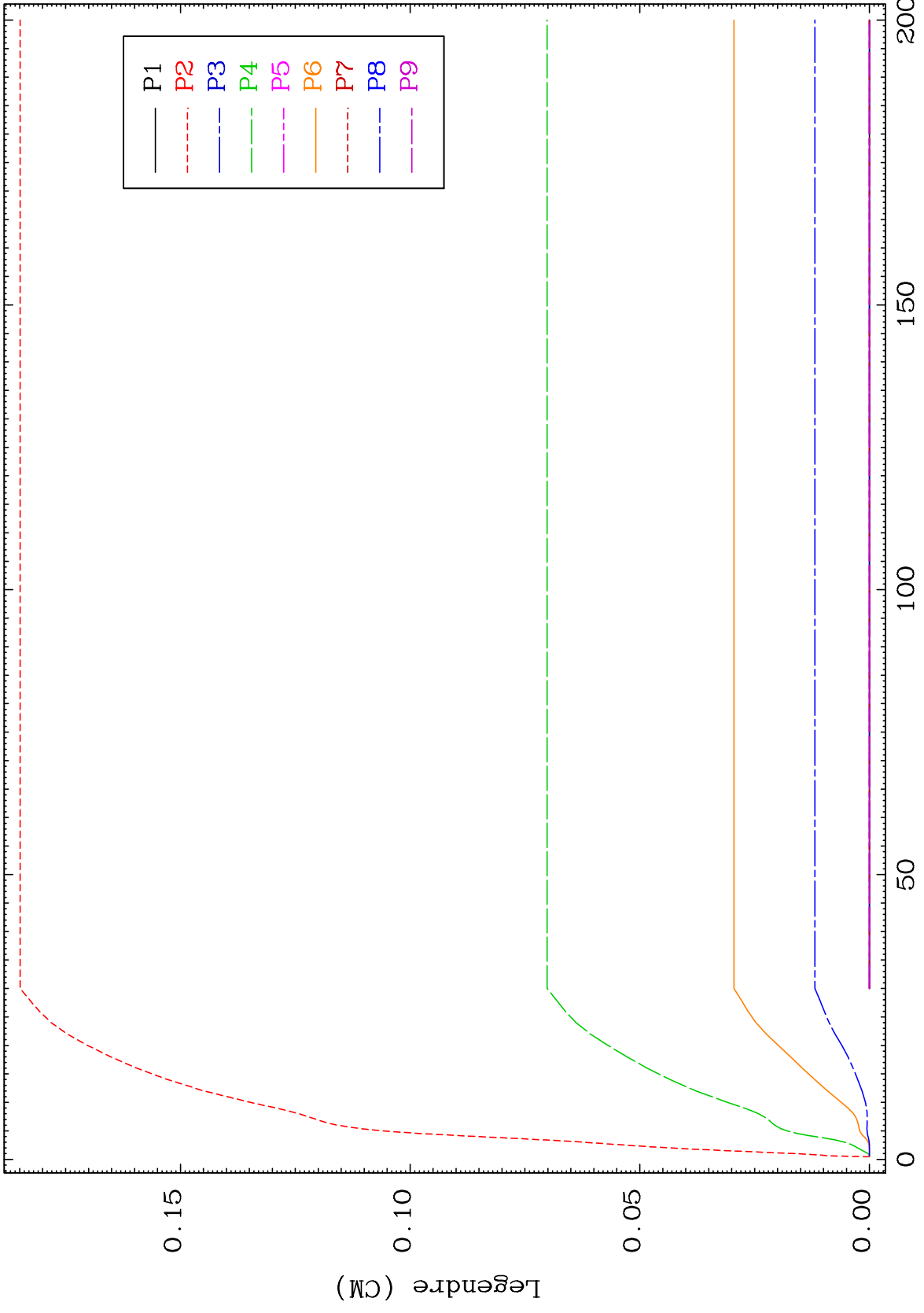


79

51-Sb-120



MAT 5122 MT= 68 (n,n') Level Legendre Coefficients 51-Sb-120

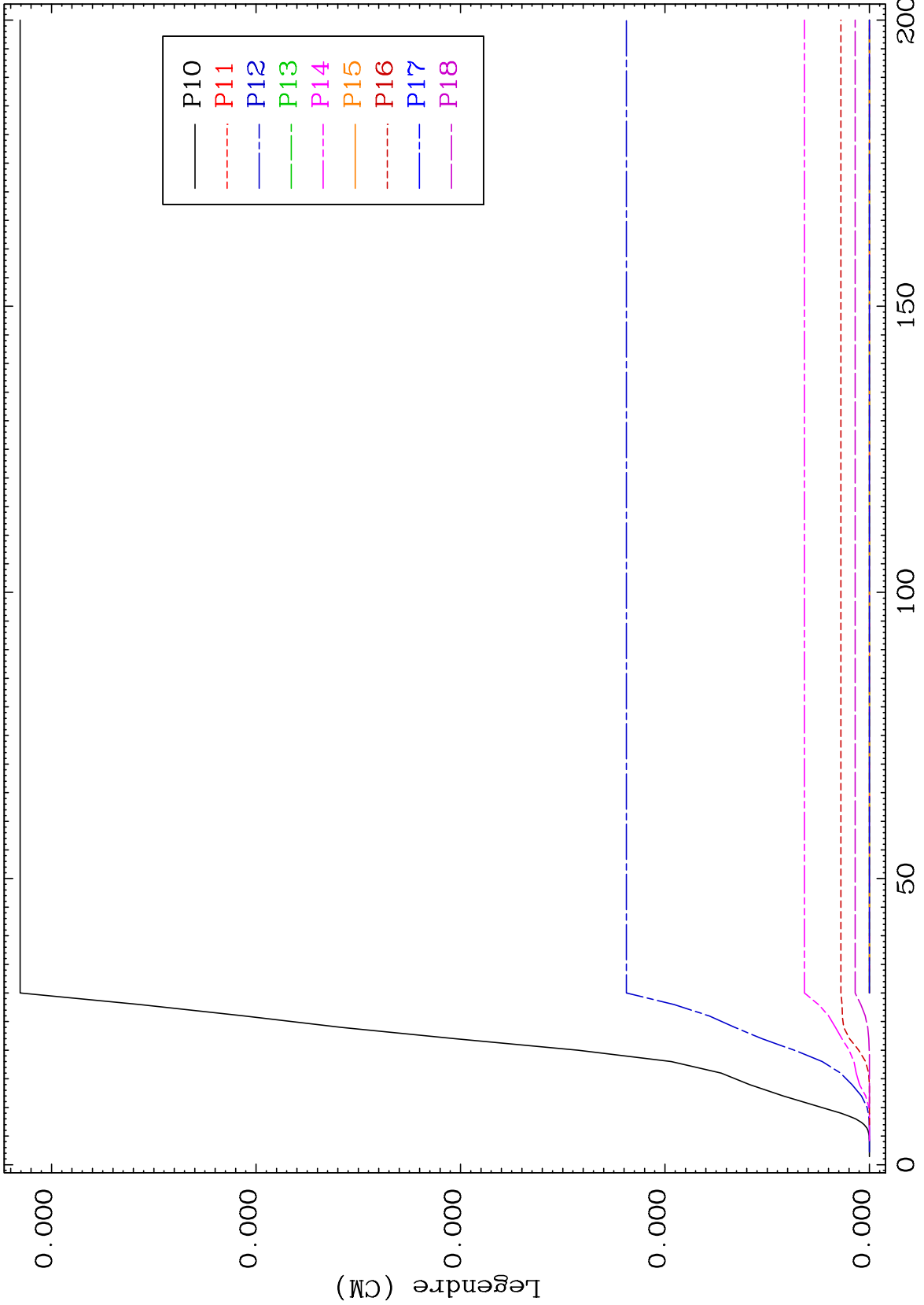


51-Sb-120

MAT 5122

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

51-Sb-120

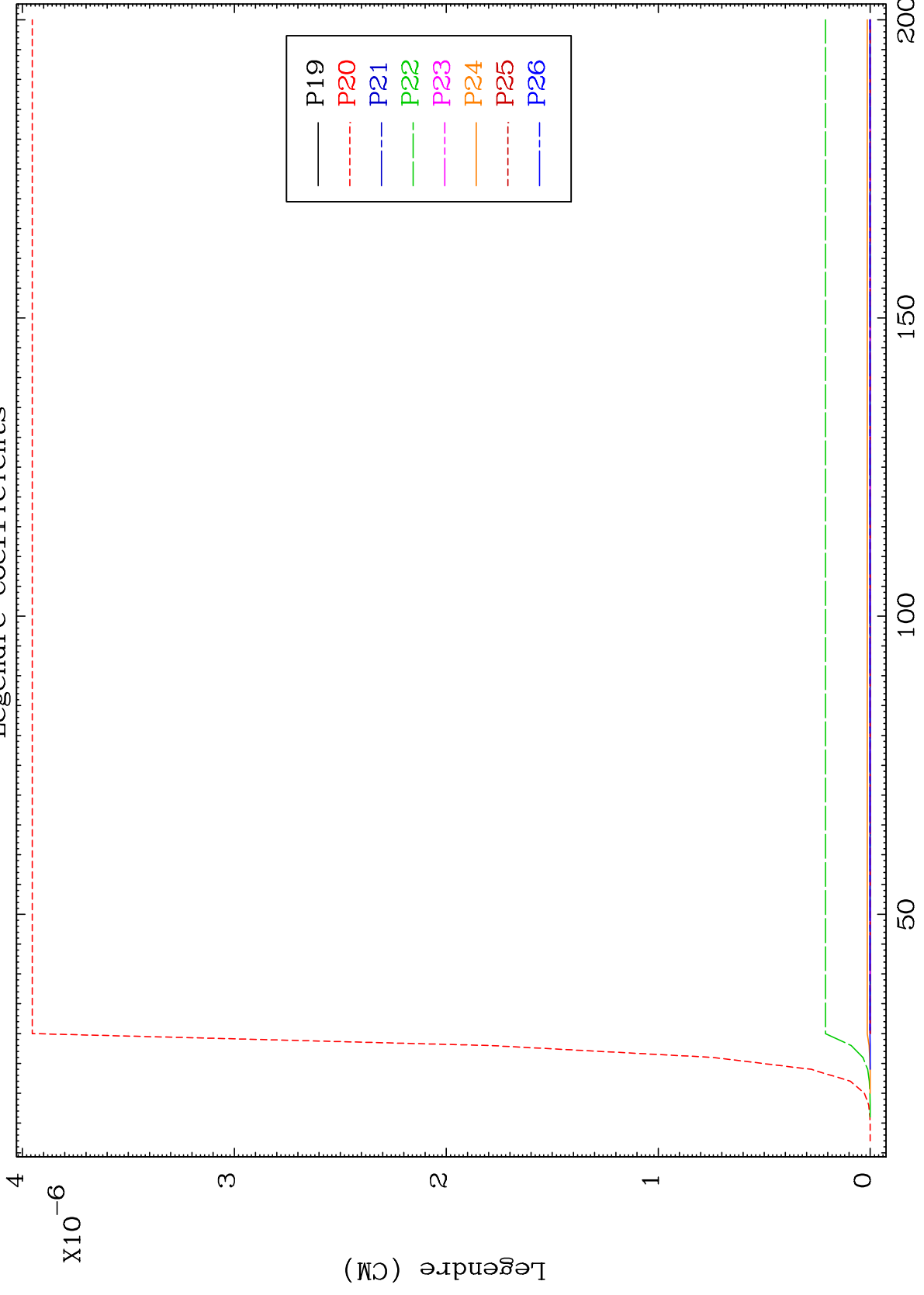


81

Incident Energy (MeV)

51-Sb-120

MAT 5122 MT= 68 (n,n') Level Legendre Coefficients 51-Sb-120

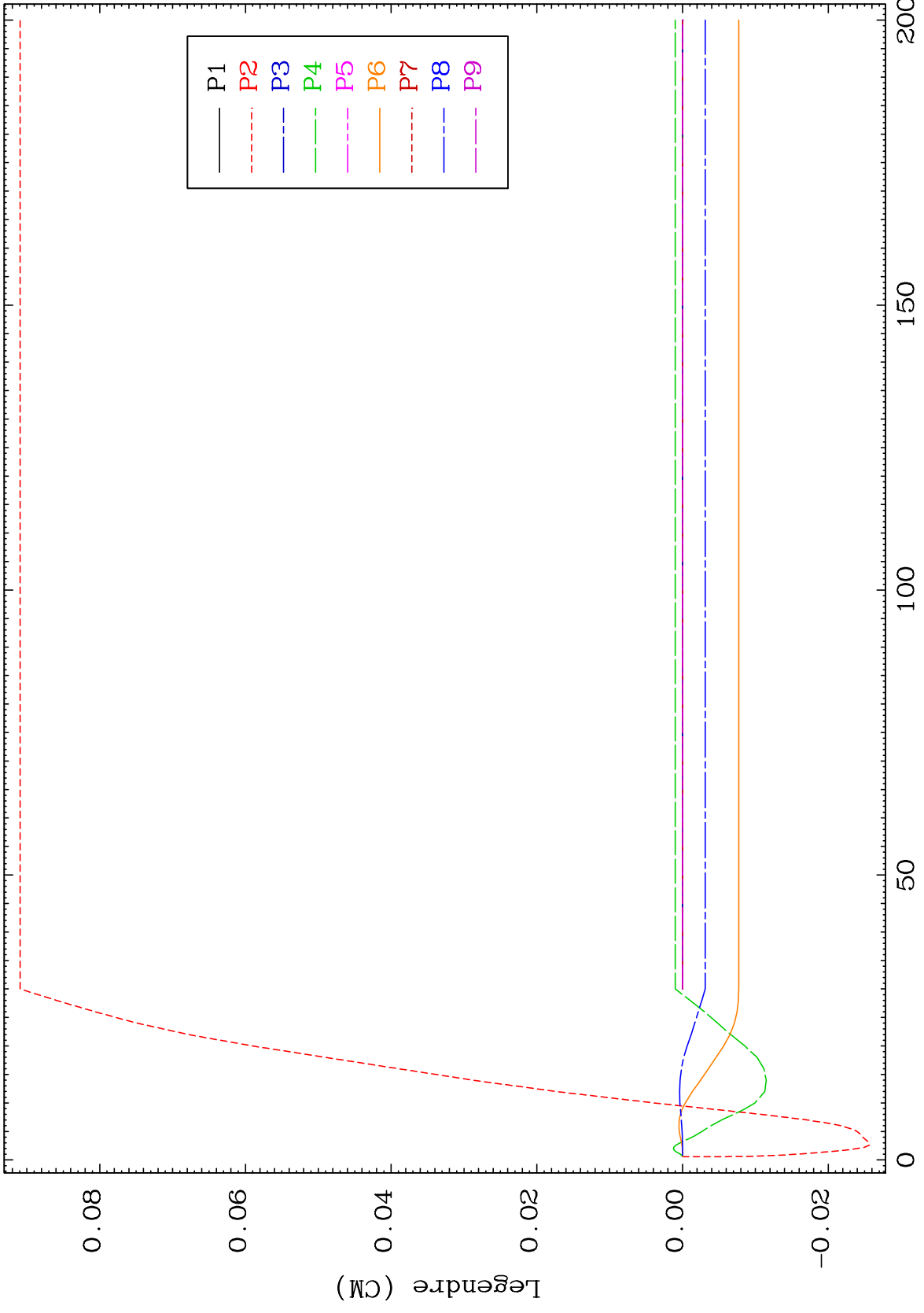


82

Incident Energy (MeV)

51-Sb-120

MAT 5122 MT= 69 (n,n') Level Legendre Coefficients 51-Sb-120

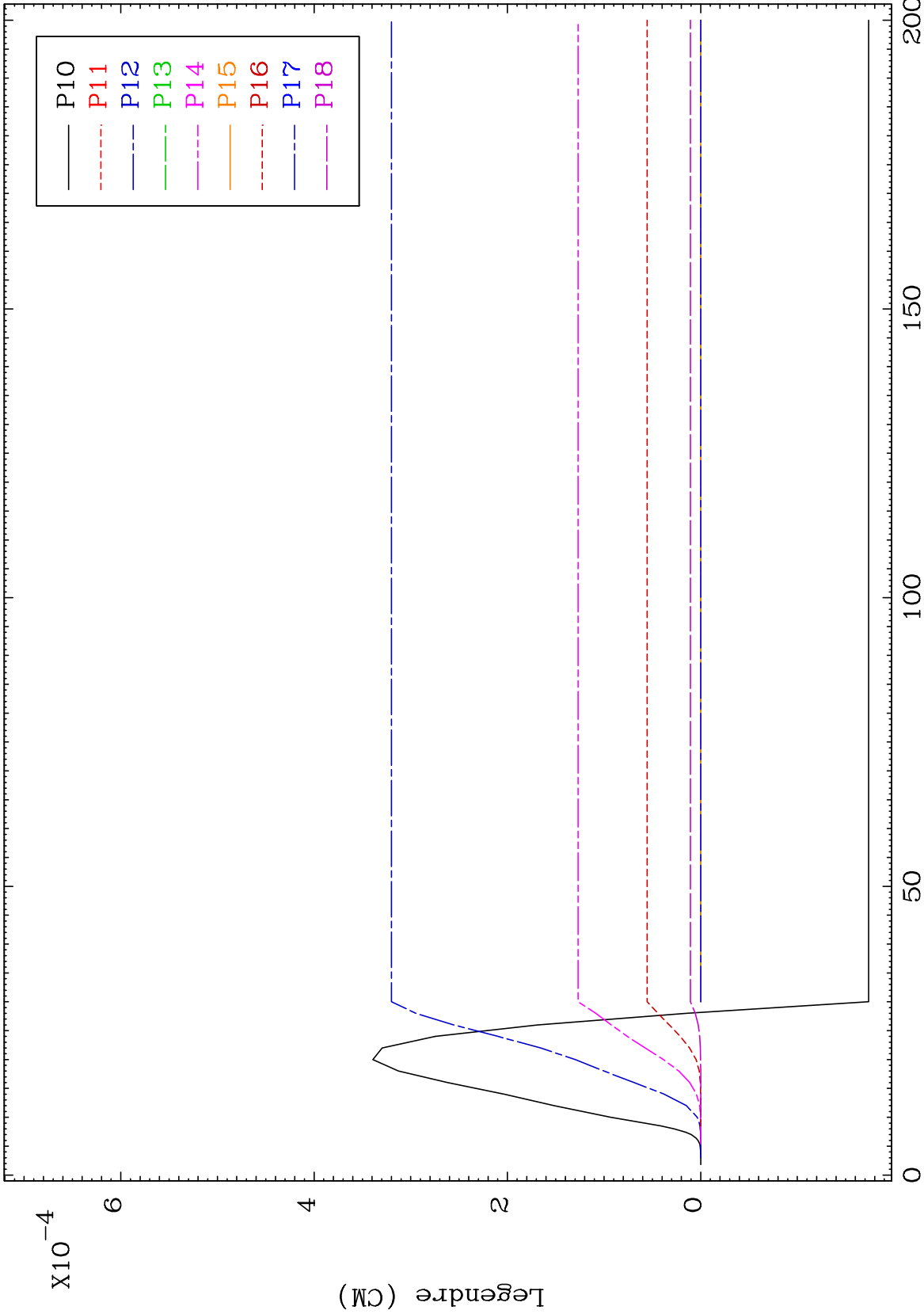


83 51-Sb-120

MAT 5122

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

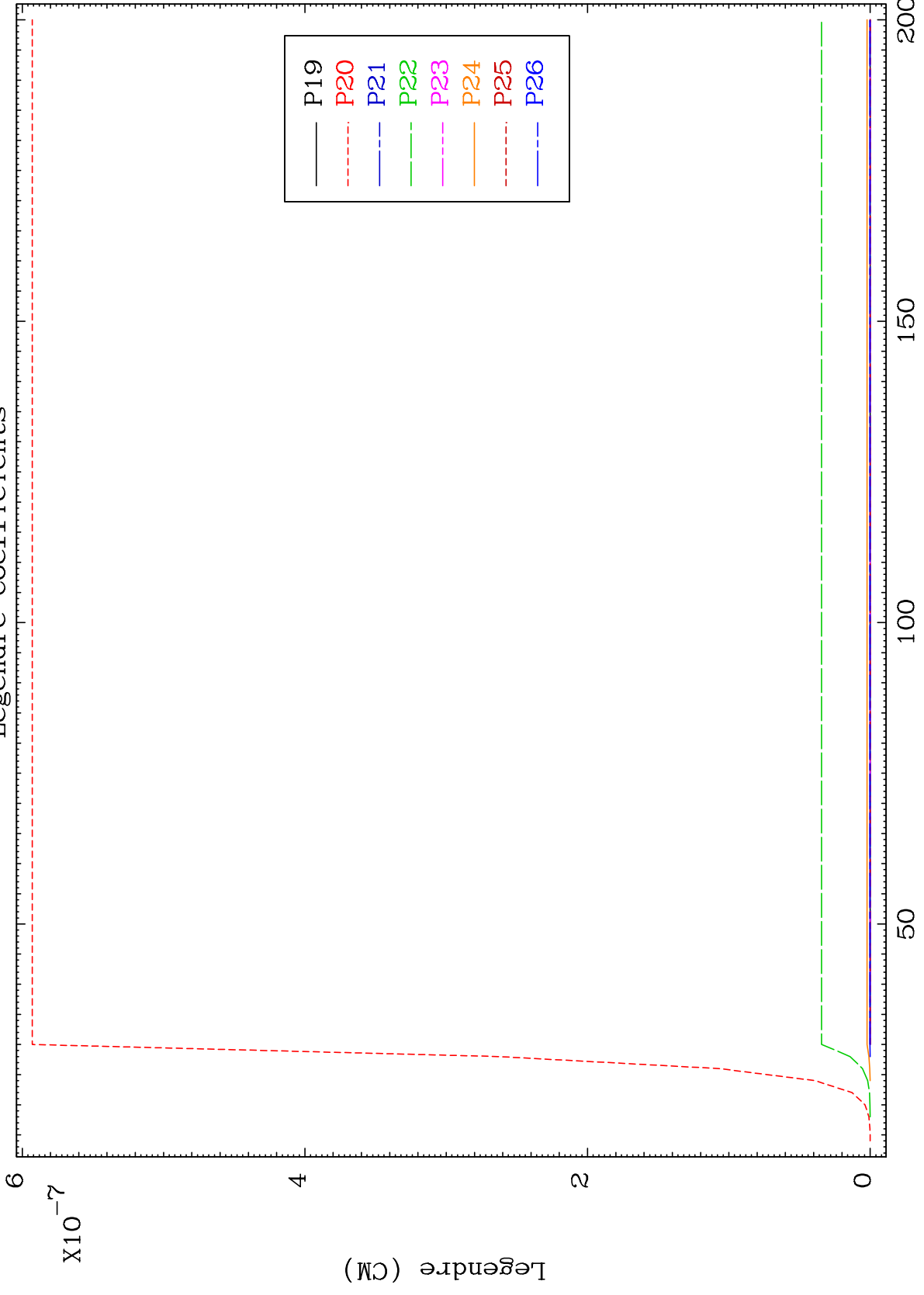
51-Sb-120



84

51-Sb-120

MAT 5122 MT= 69 (n,n') Level Legendre Coefficients 51-Sb-120

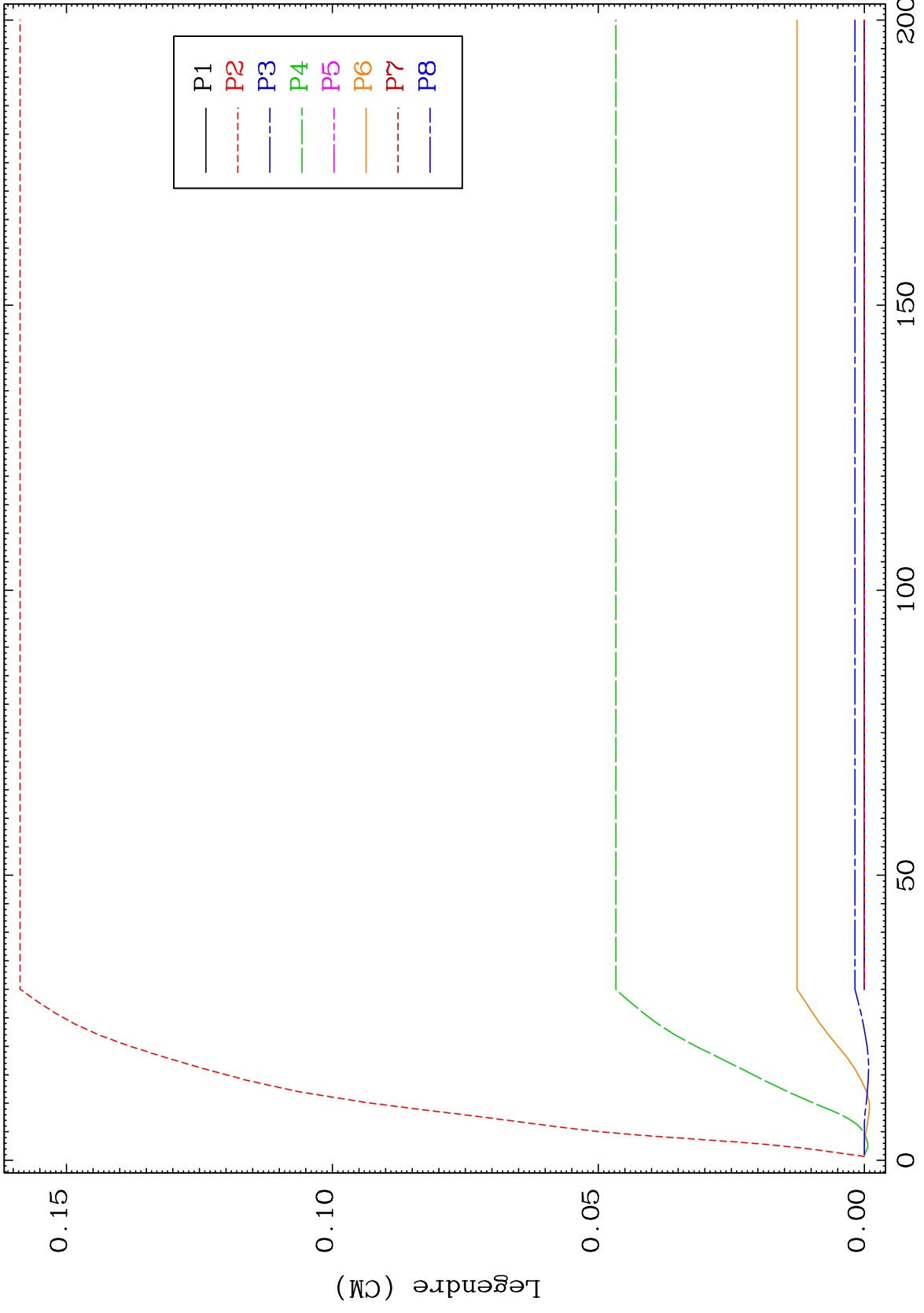


85 50 100 150 200 51-Sb-120

MAT 5122

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

51-Sb-120

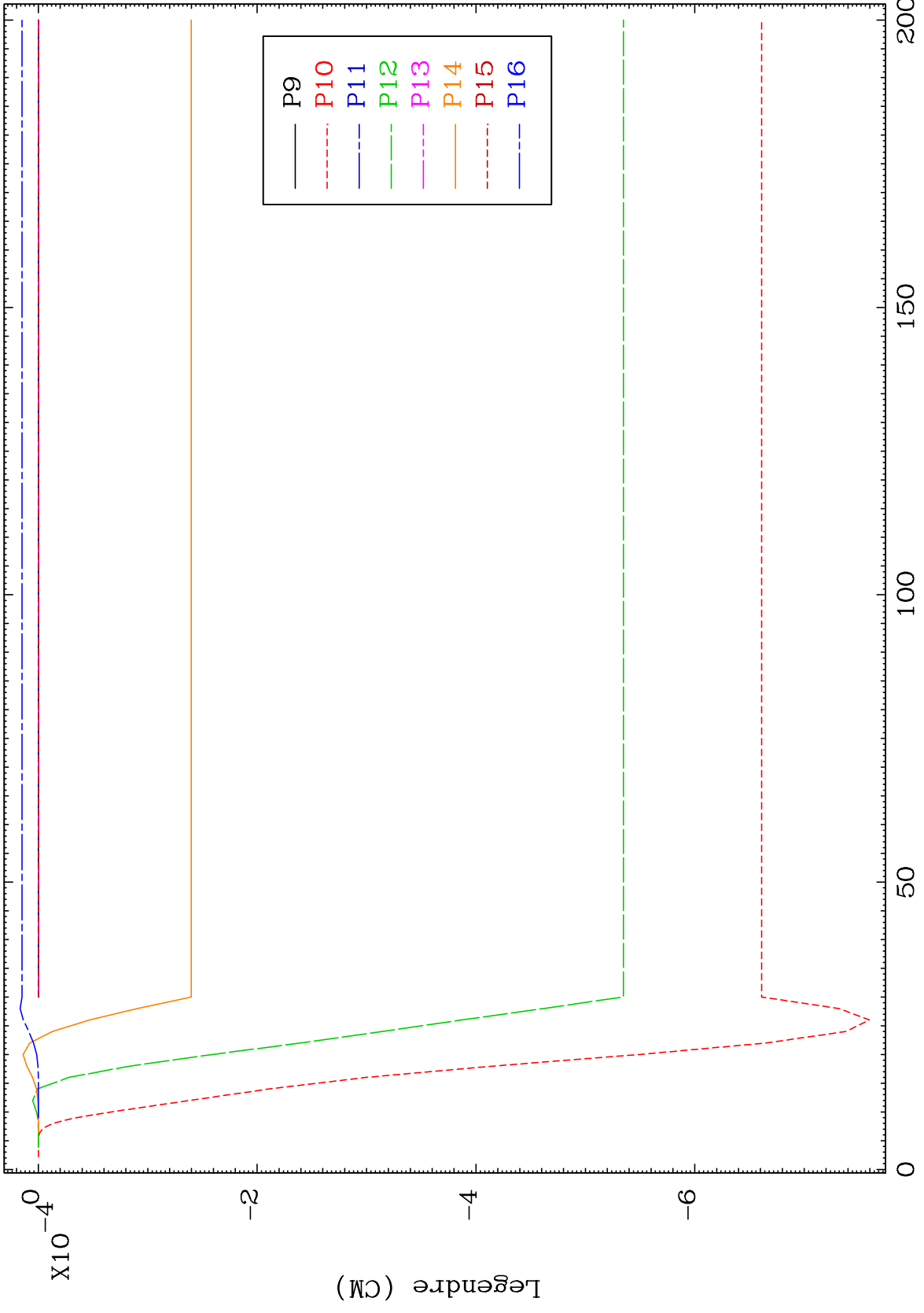


86

Incident Energy (MeV)

51-Sb-120

MAT 5122 MT= 70 (n,n') Level Legendre Coefficients 51-Sb-120

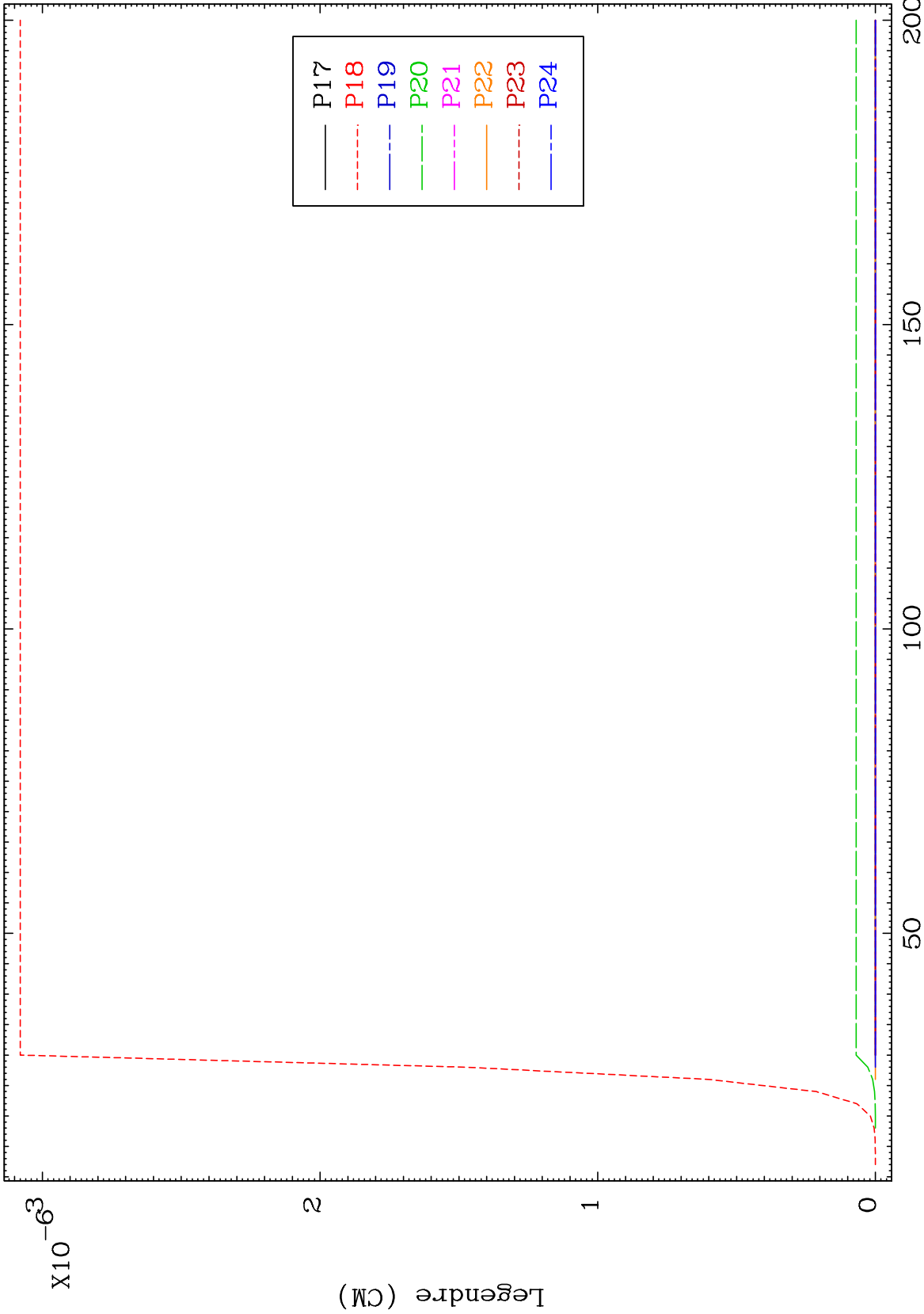




MAT 5122

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

51-Sb-120



88

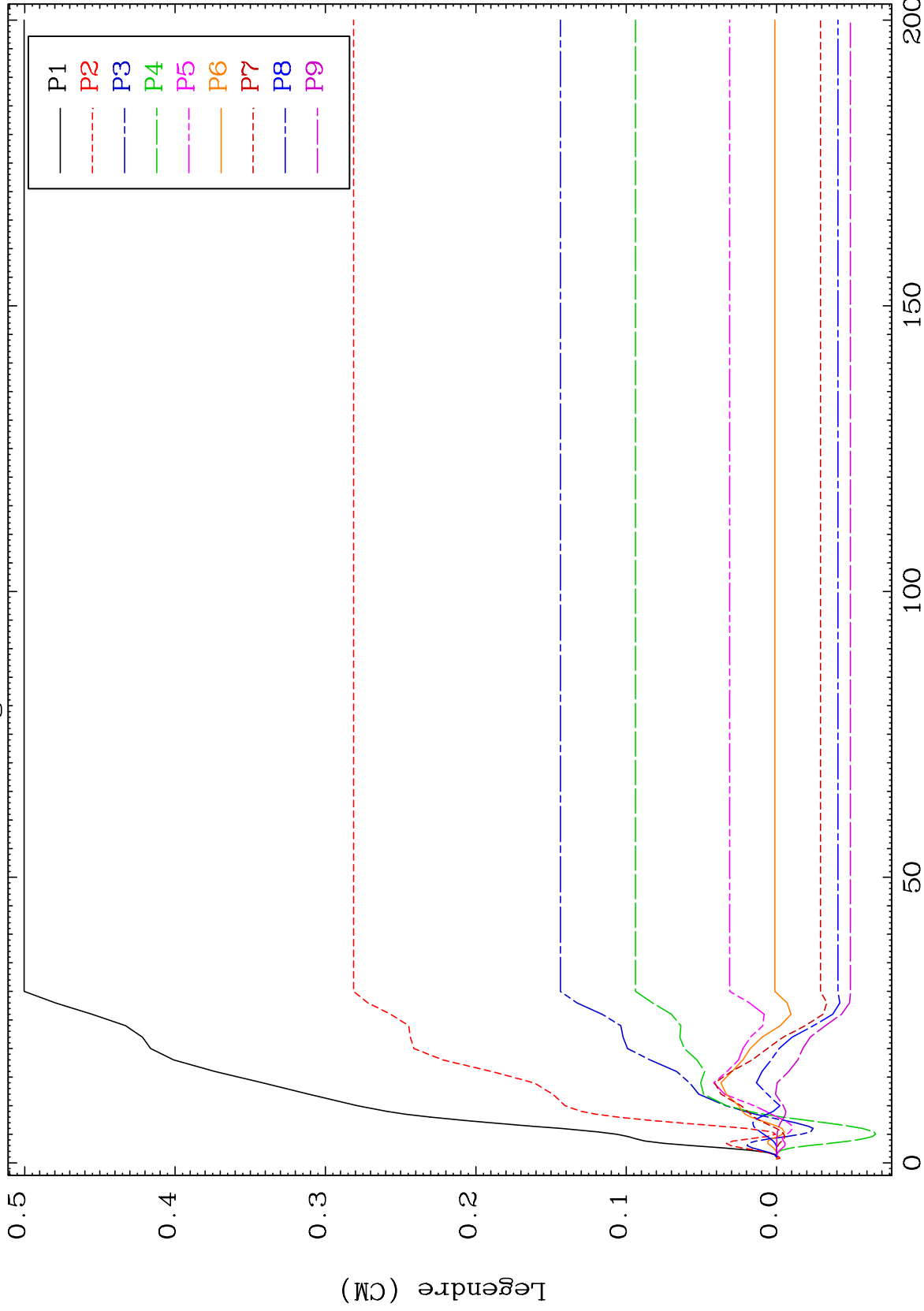
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120



89

Incident Energy (MeV)

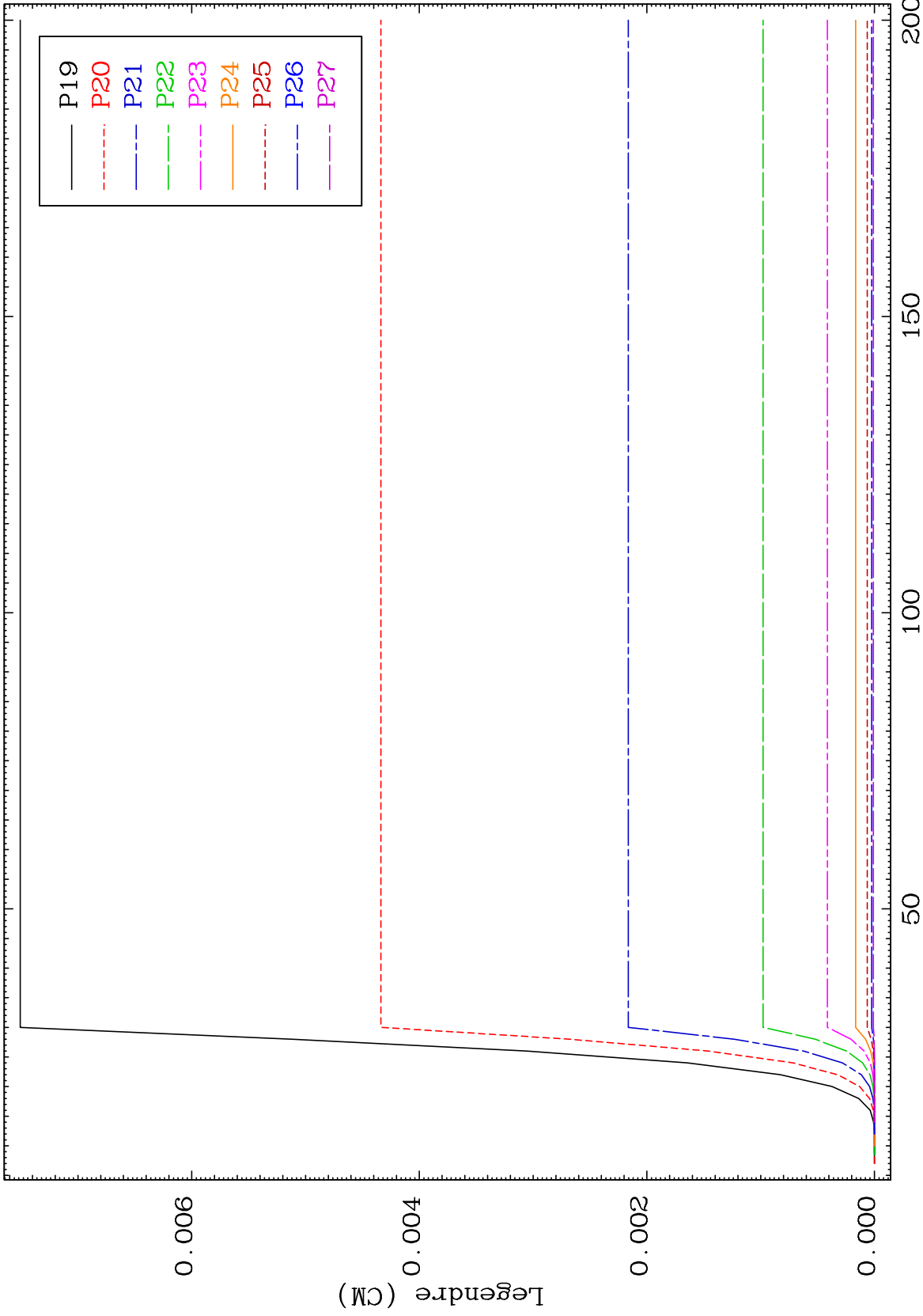
51-Sb-120



MAT 5122

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

51-Sb-120



91

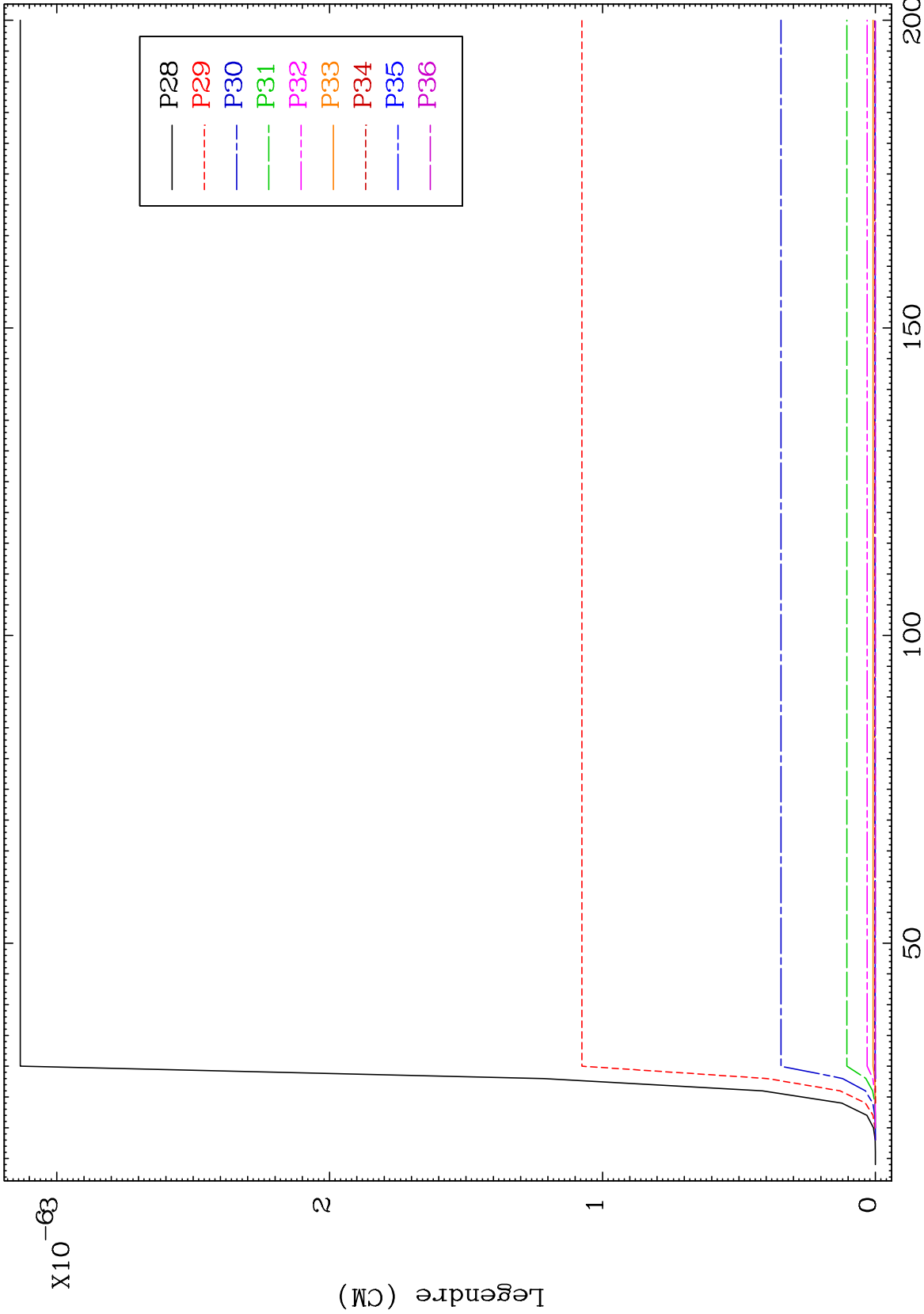
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

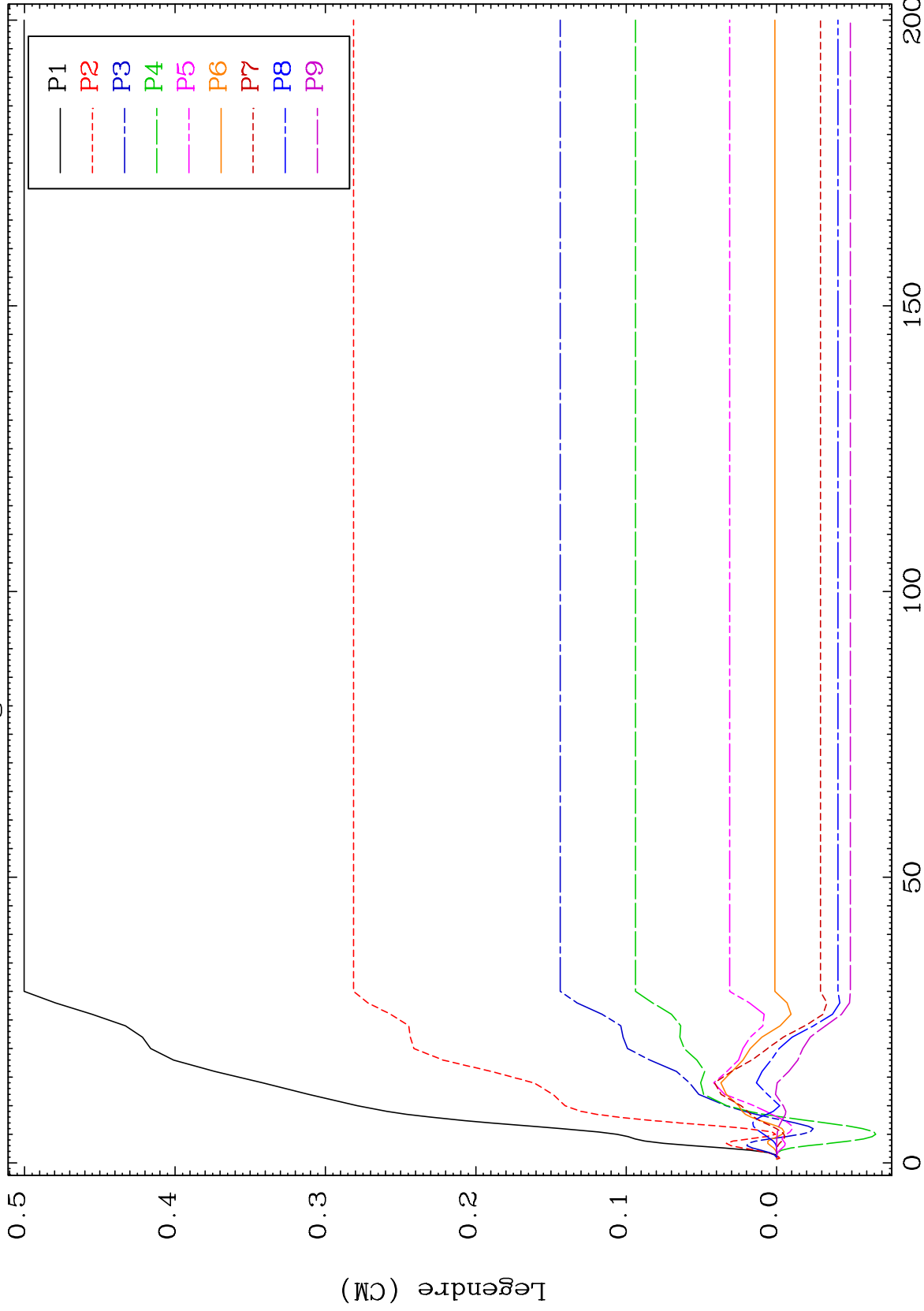
51-Sb-120



MAT 5122

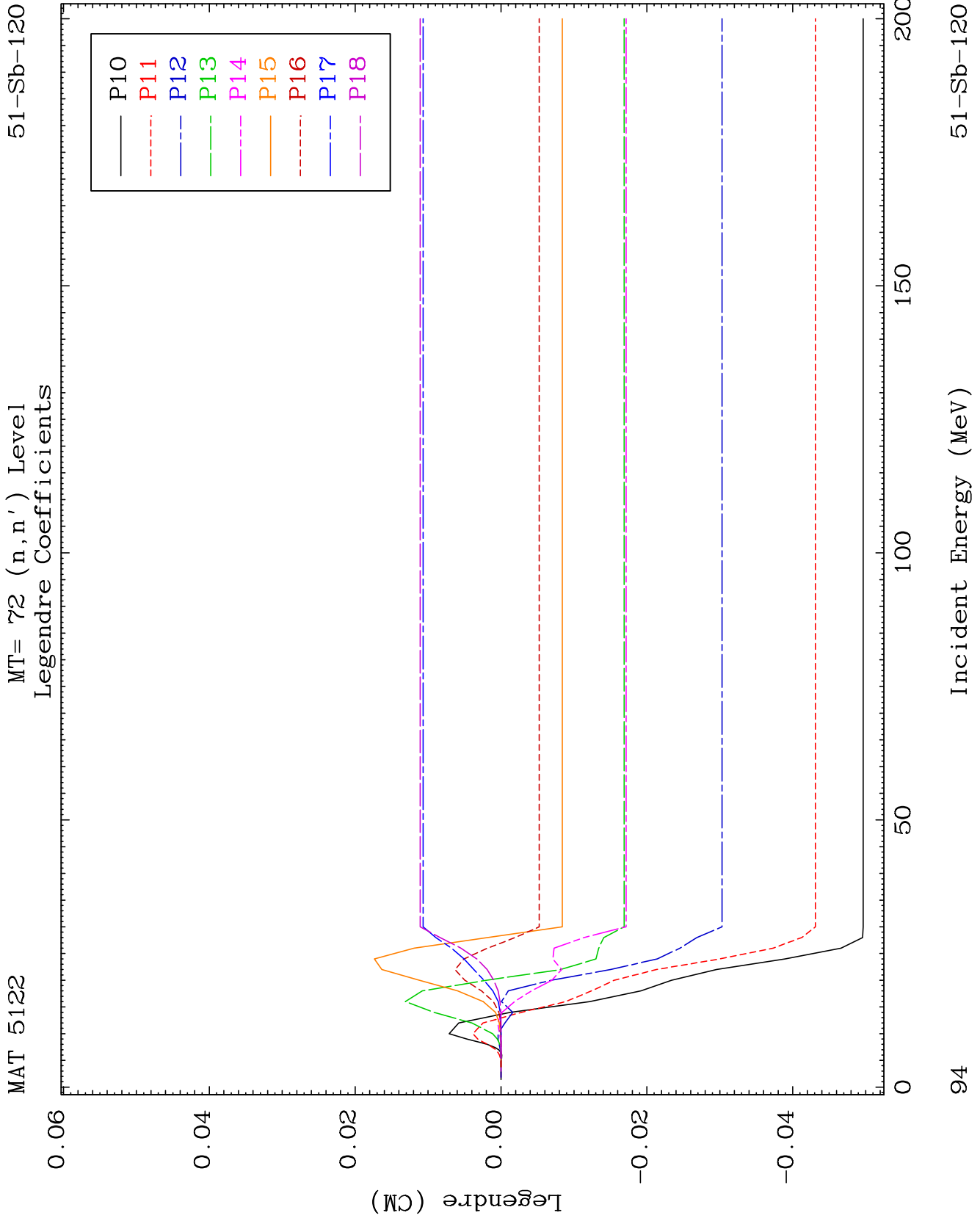
MT= 72 (n,n') Level  
Legendre Coefficients

51-Sb-120



93

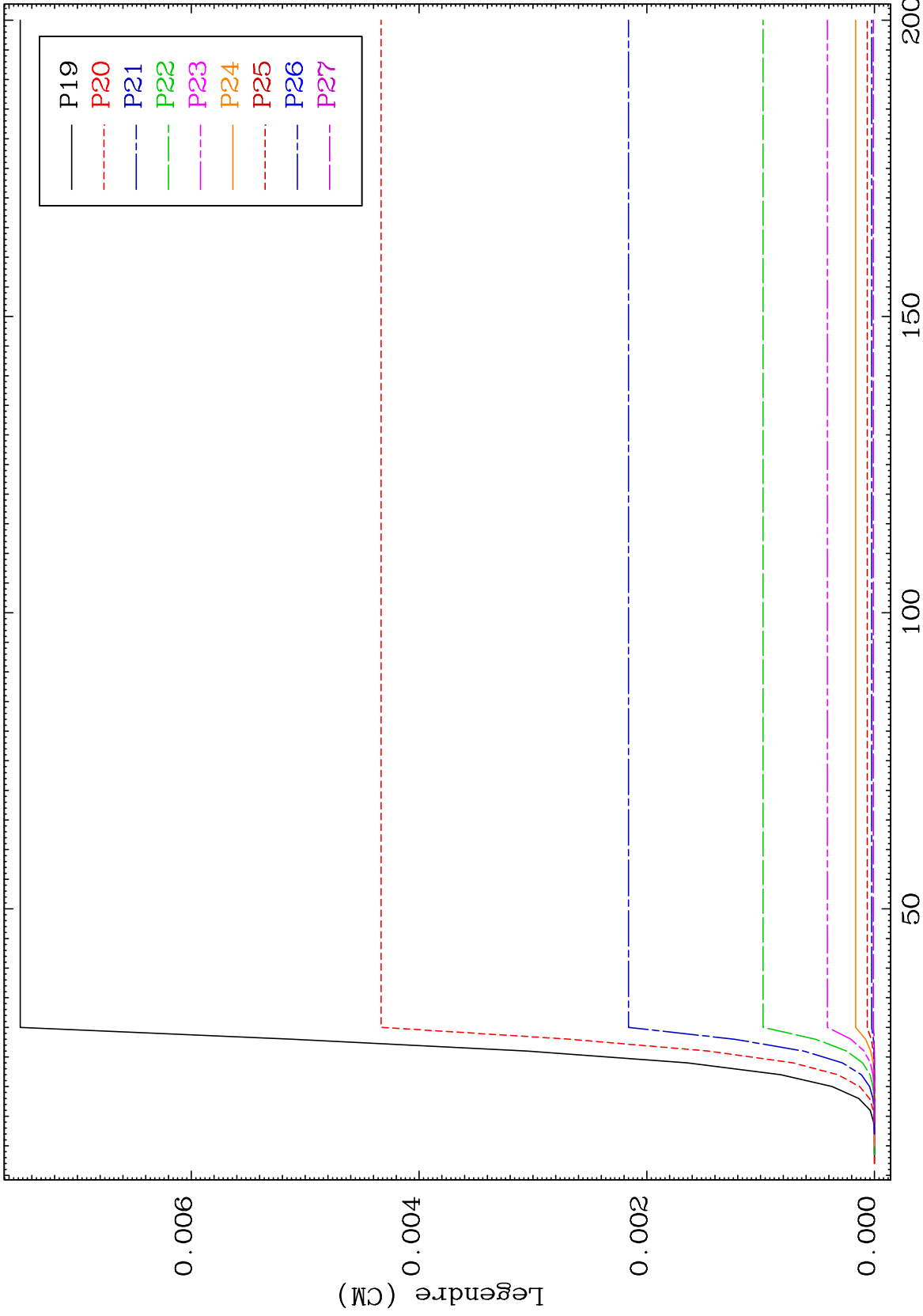
51-Sb-120



MAT 5122

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

51-Sb-120



95

Incident Energy (MeV)

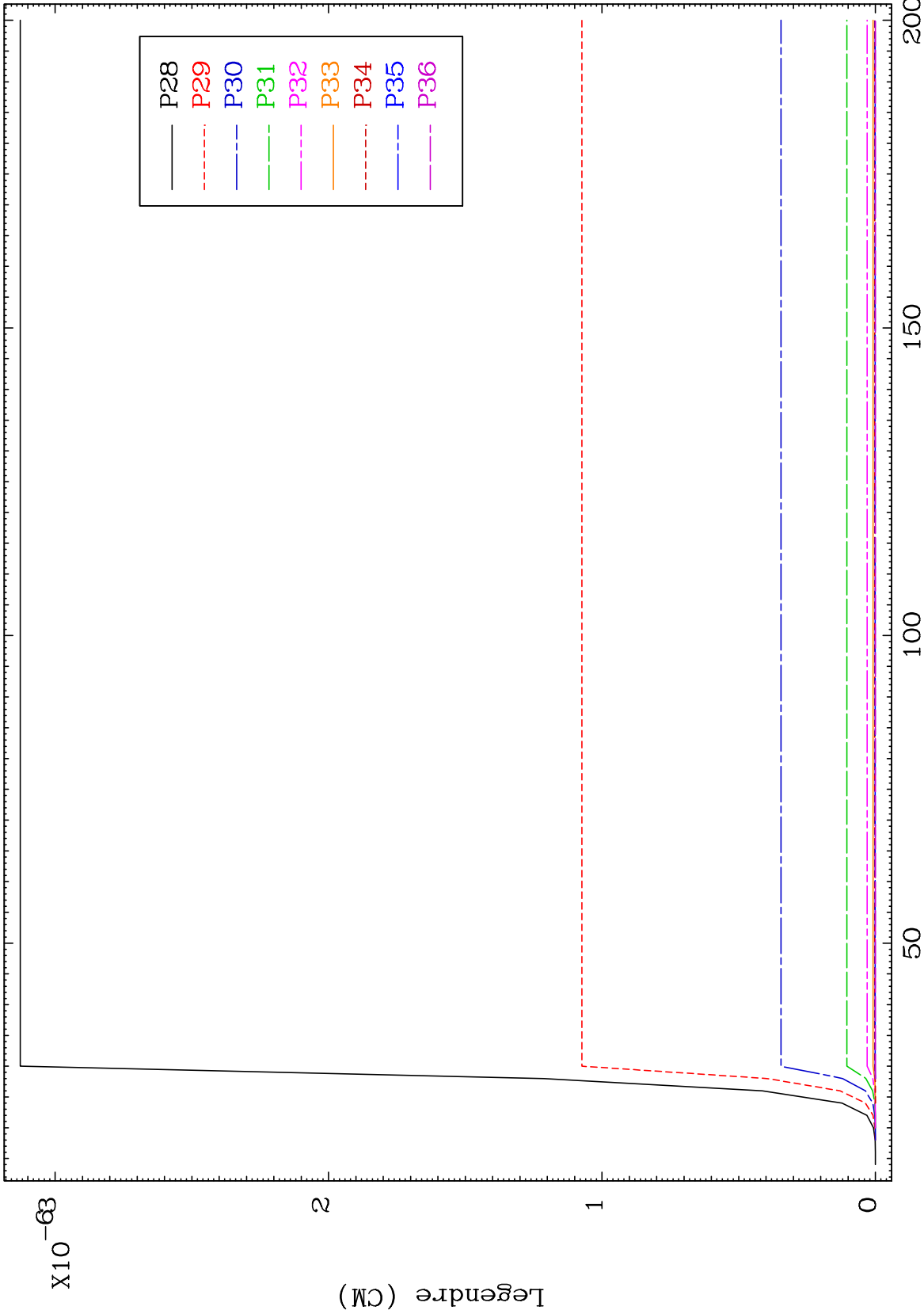
51-Sb-120



MAT 5122

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

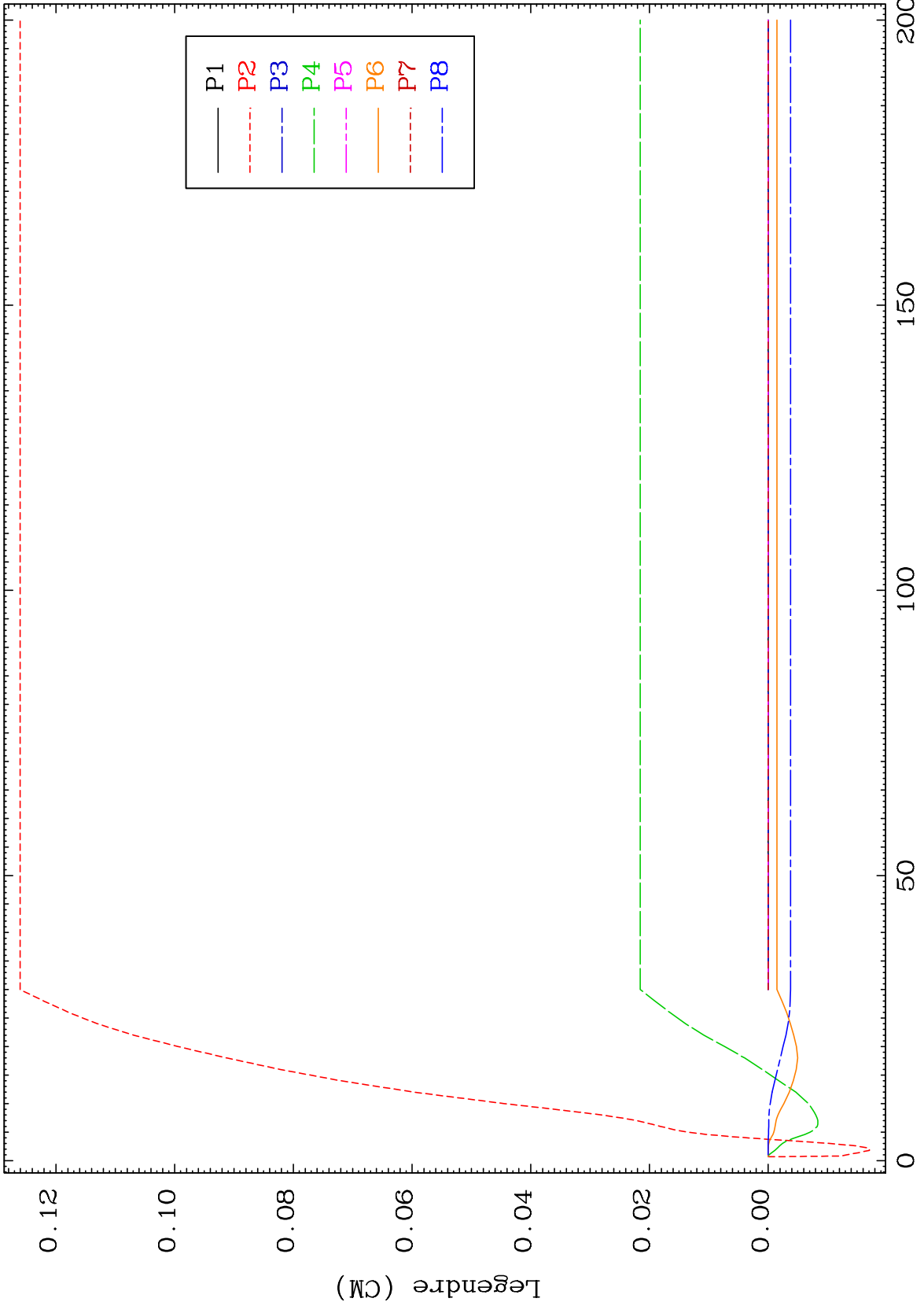
51-Sb-120



96

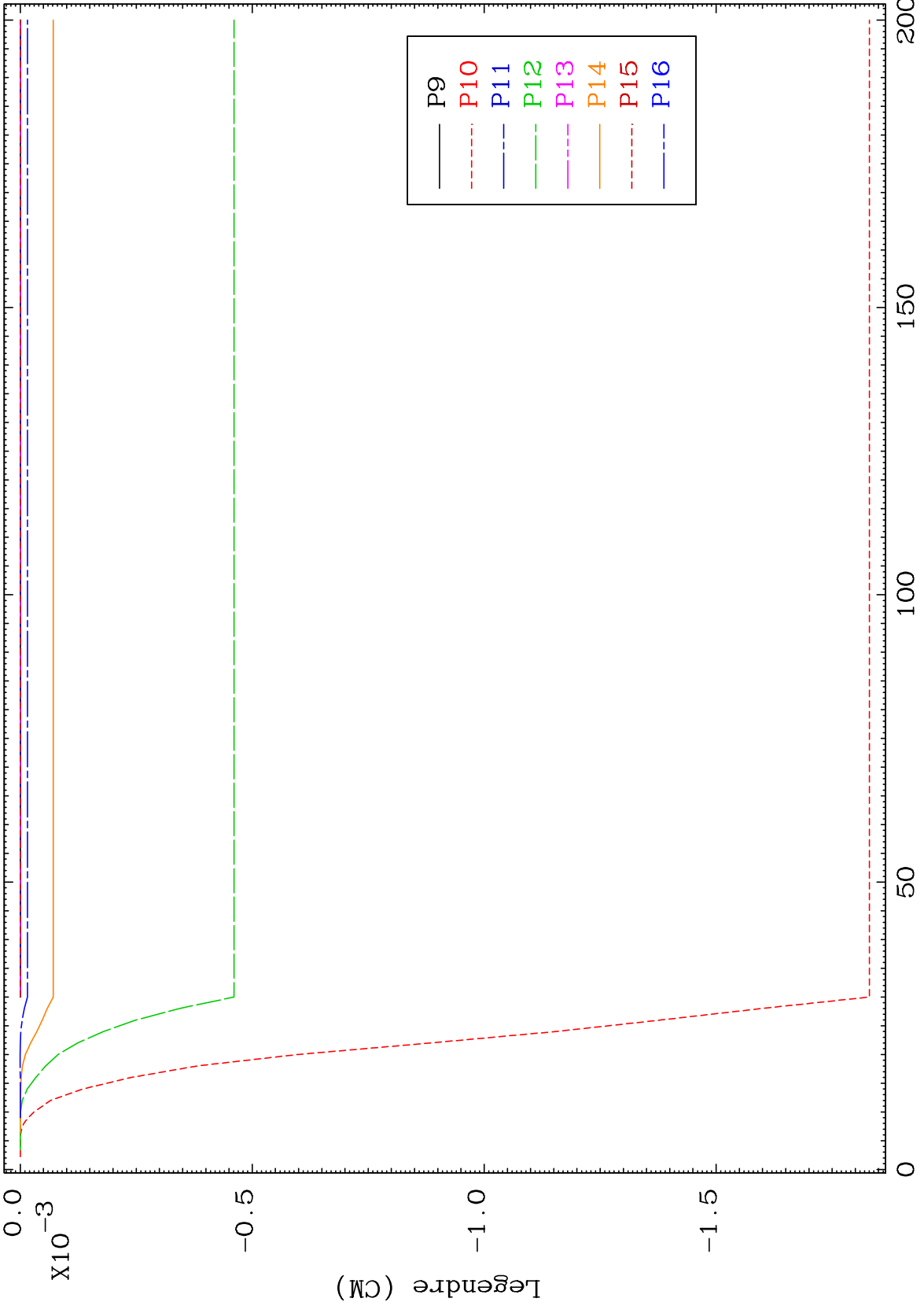
51-Sb-120

MAT 5122 MT= 73 (n,n') Level Legendre Coefficients 51-Sb-120

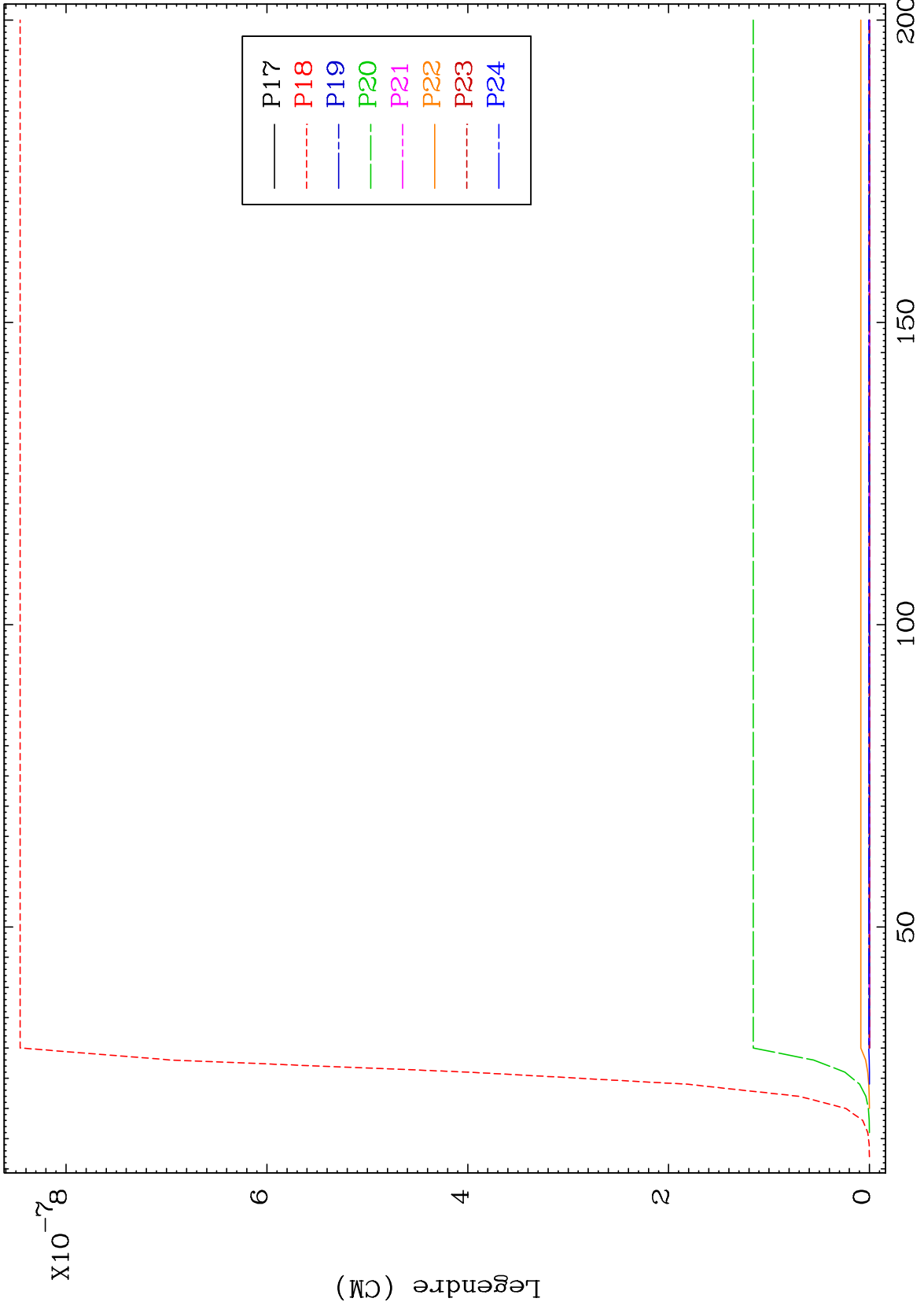


97 51-Sb-120

MAT 5122 MT= 73 (n,n') Level Legendre Coefficients 51-Sb-120



MAT 5122 MT= 73 (n,n') Level Legendre Coefficients 51-Sb-120

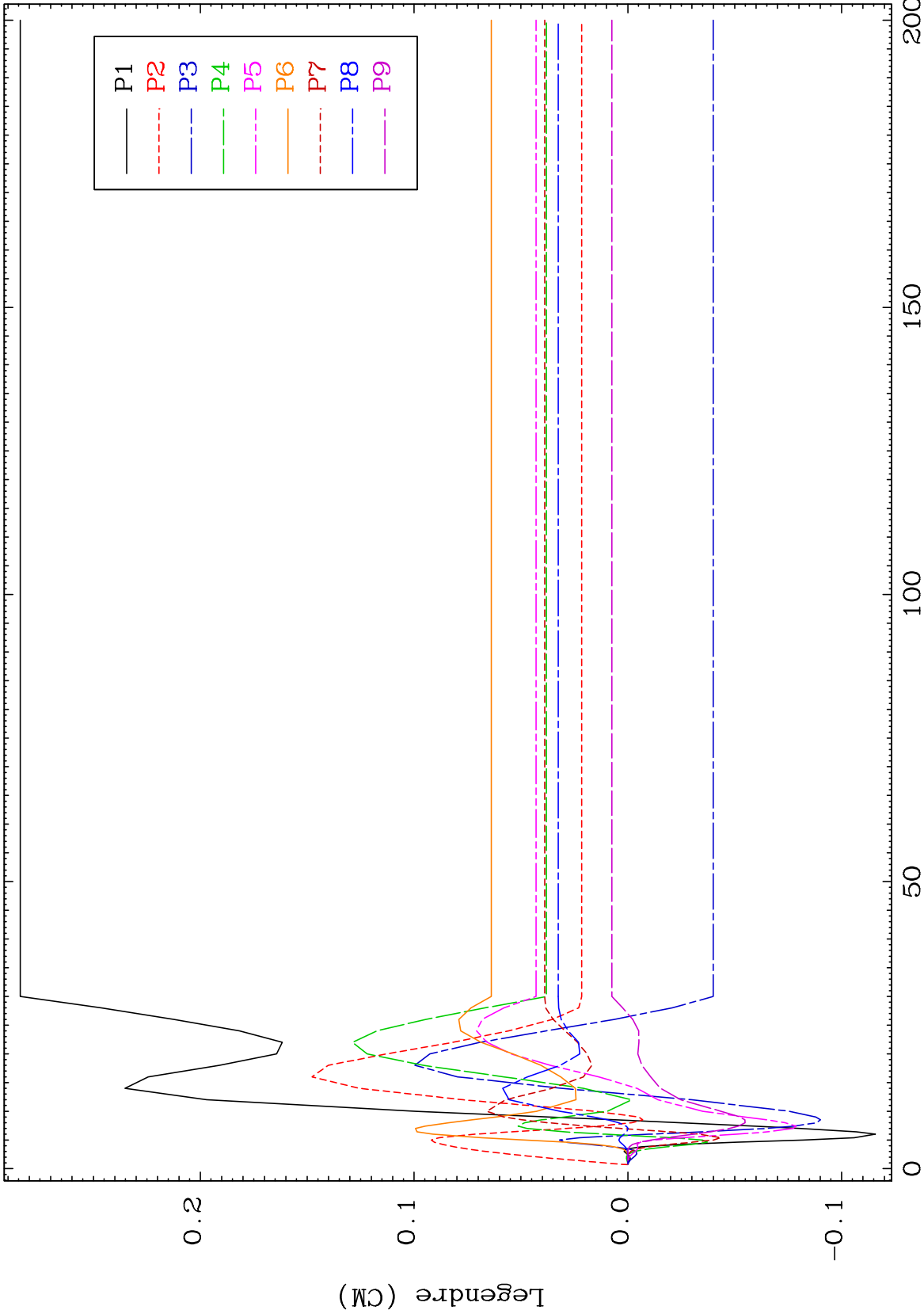


99 51-Sb-120

MAT 5122

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

51-Sb-120



51-Sb-120

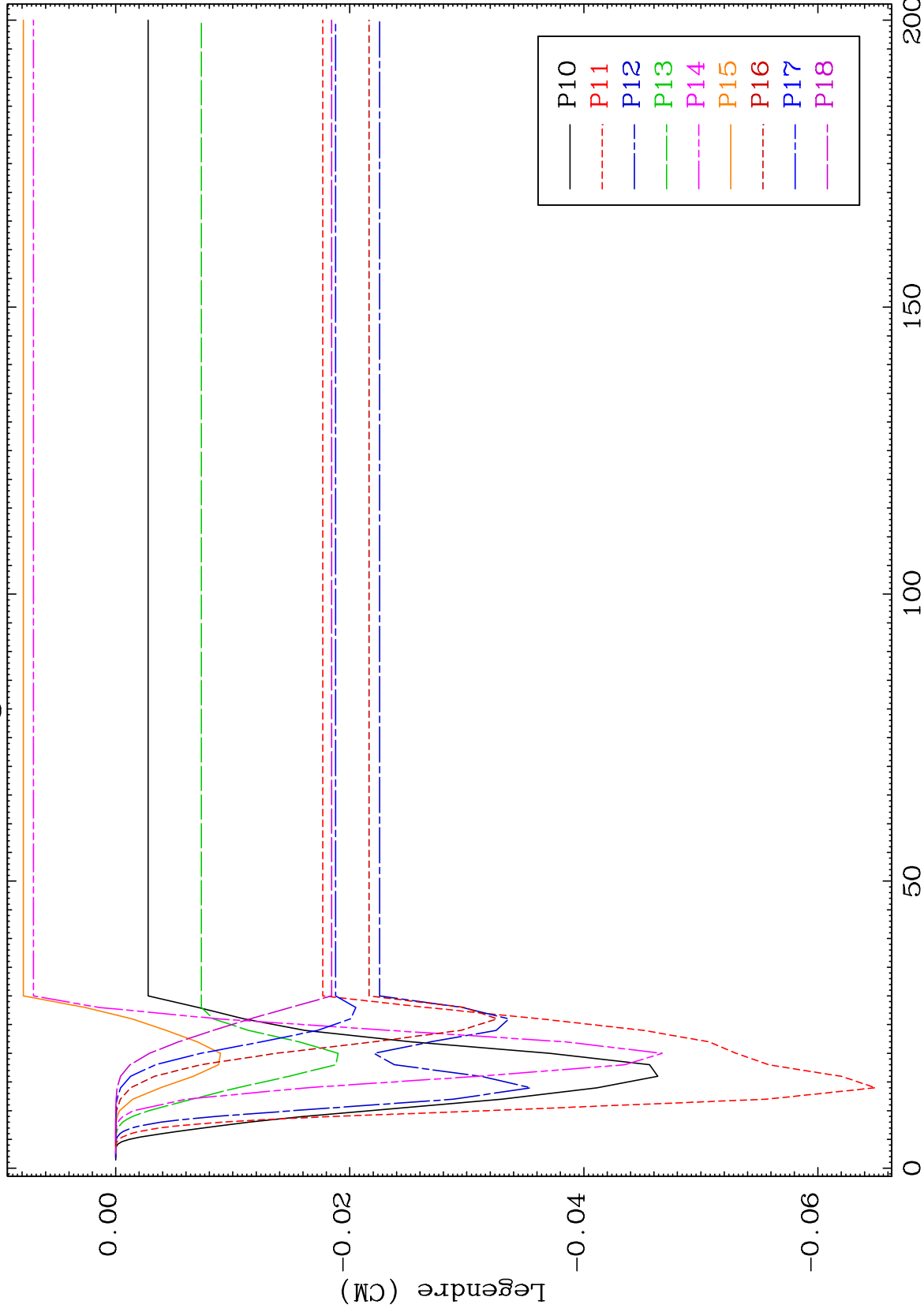
Incident Energy (MeV)

100

MAT 5122

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

51-Sb-120

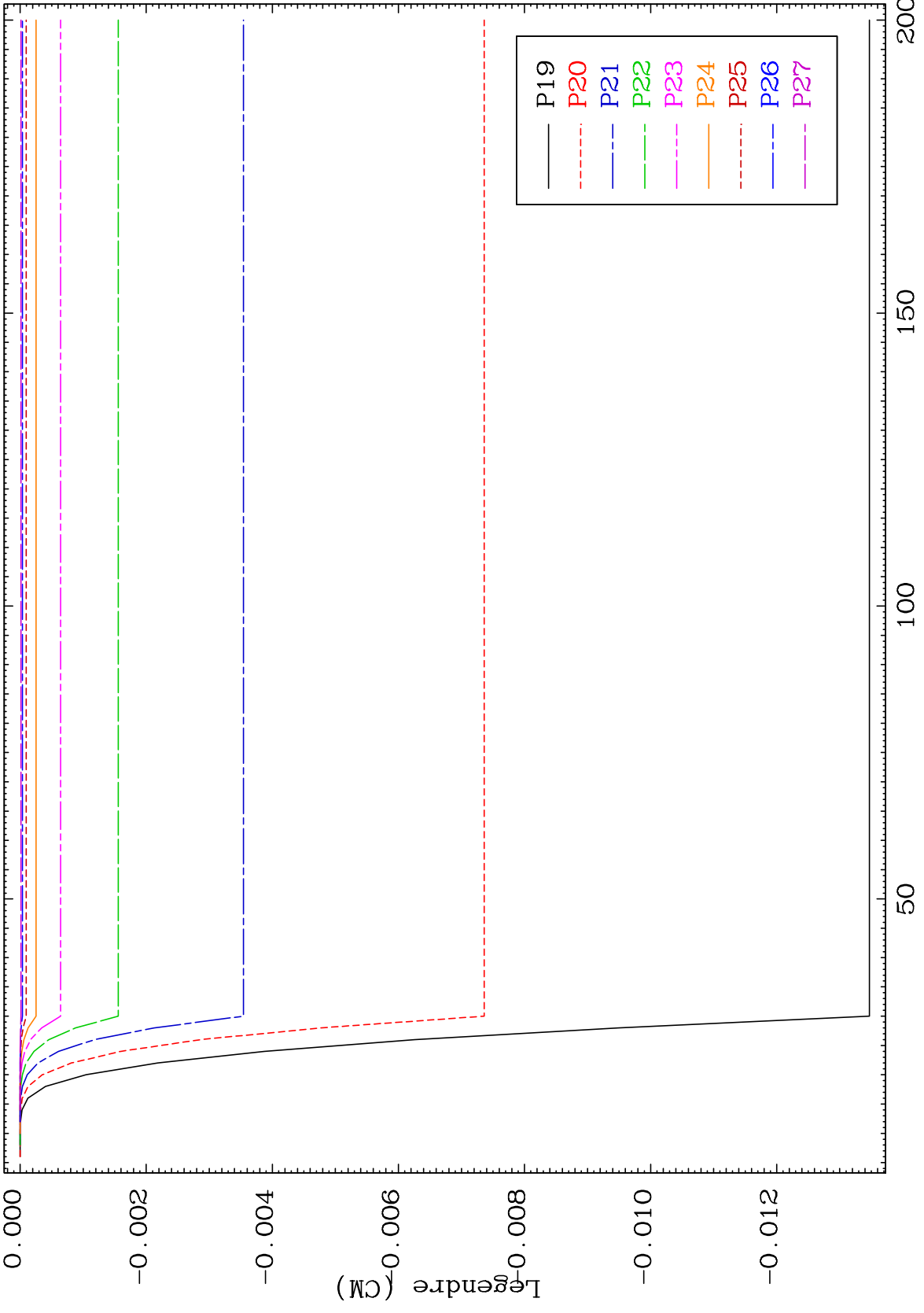


101

Incident Energy (MeV)

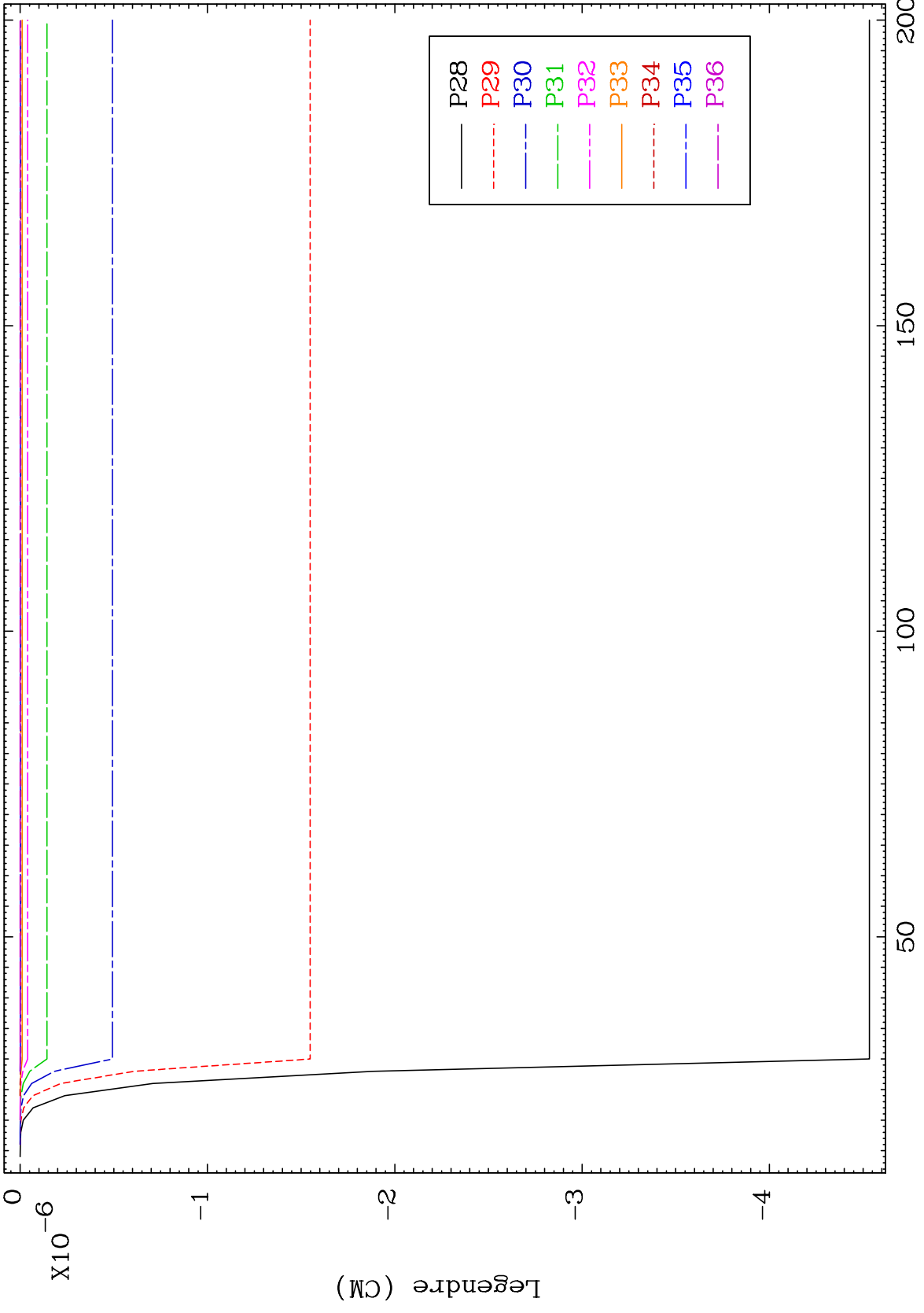
51-Sb-120

MAT 5122 MT= 74 (n,n') Level Legendre Coefficients 51-Sb-120



102 51-Sb-120

MAT 5122 MT= 74 (n,n') Level Legendre Coefficients 51-Sb-120



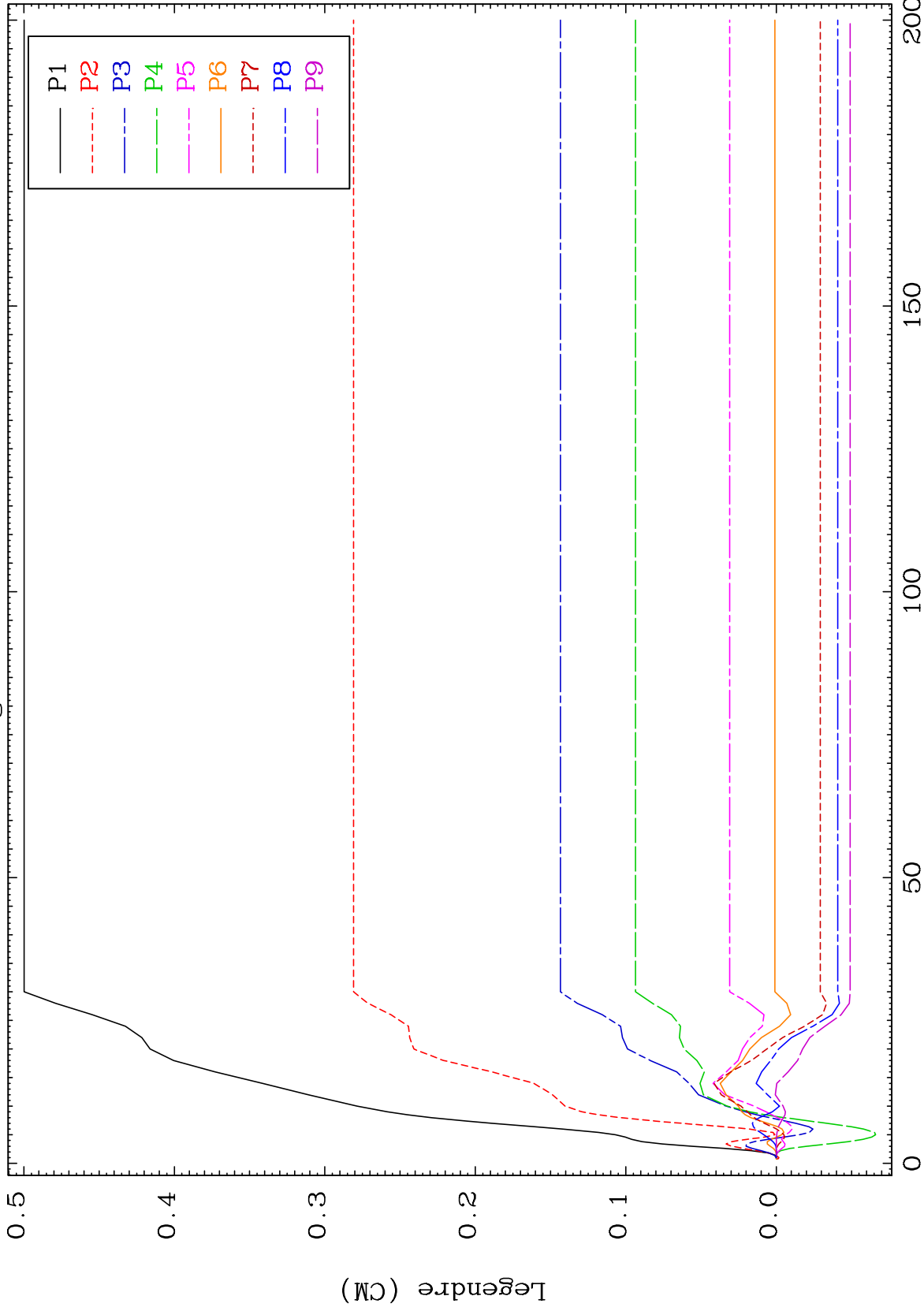
103 Incident Energy (MeV) 51-Sb-120



MAT 5122

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

51-Sb-120



104

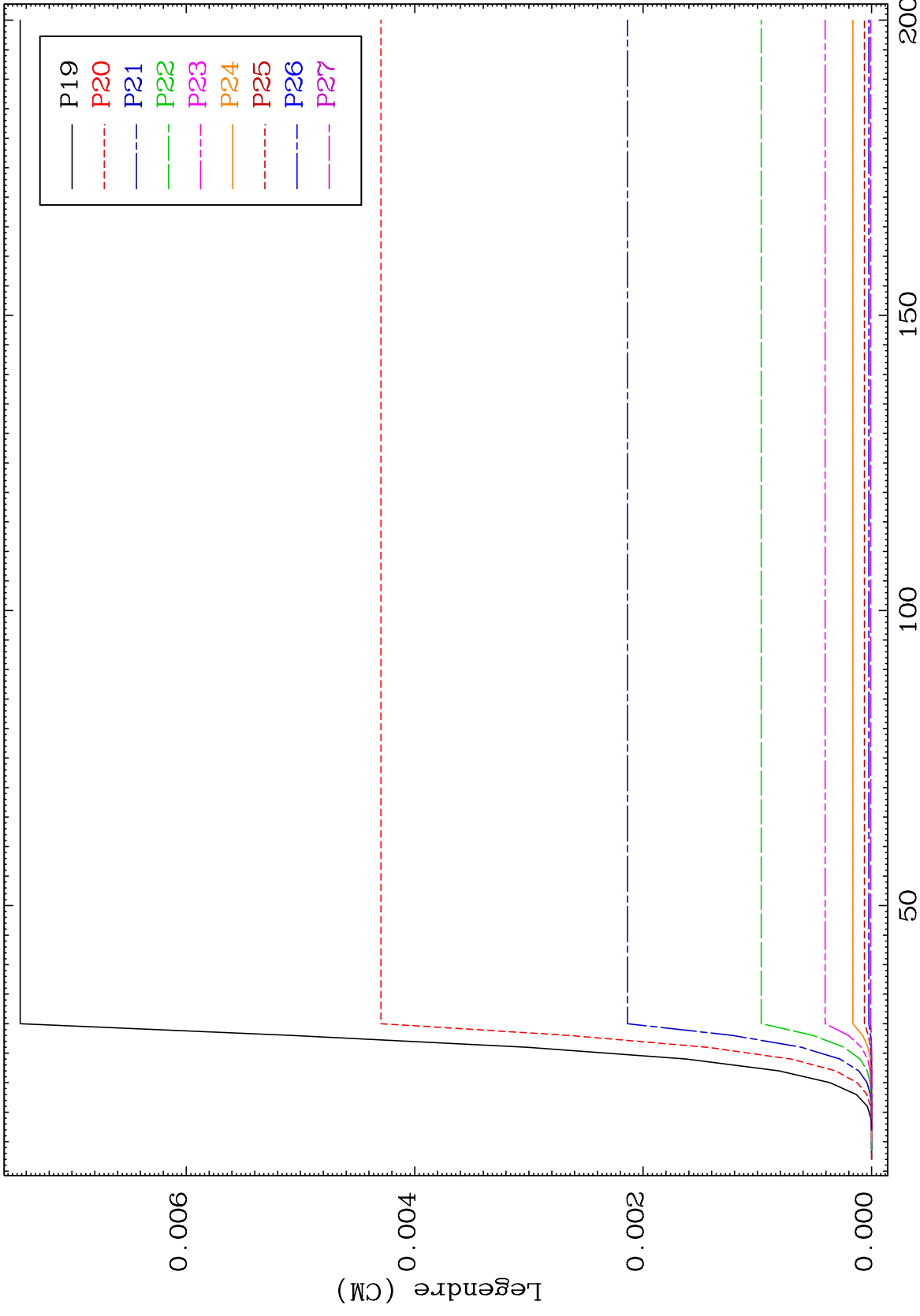
51-Sb-120



MAT 5122

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

51-Sb-120



106

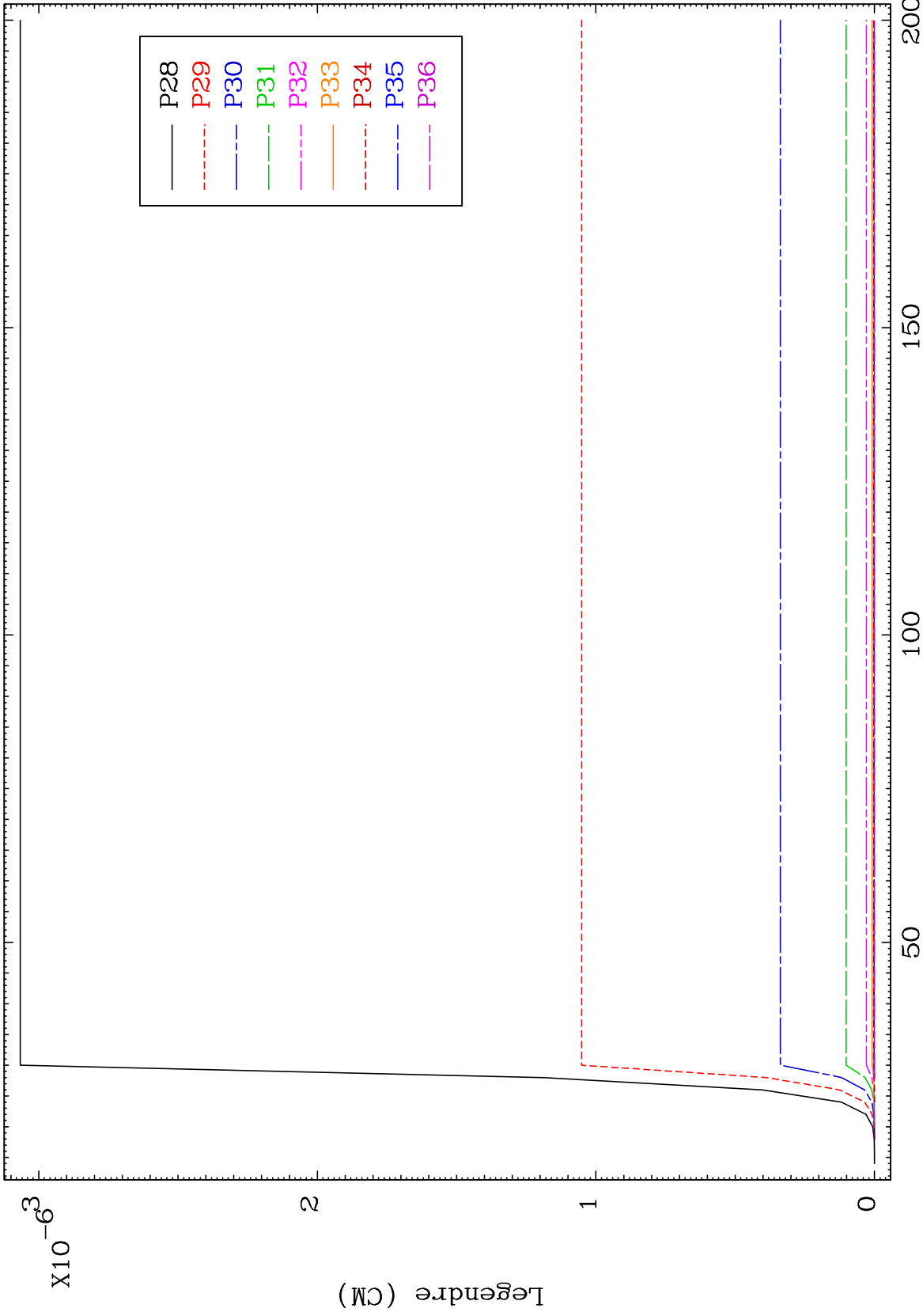
Incident Energy (MeV)

51-Sb-120

MAT 5122

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

51-Sb-120

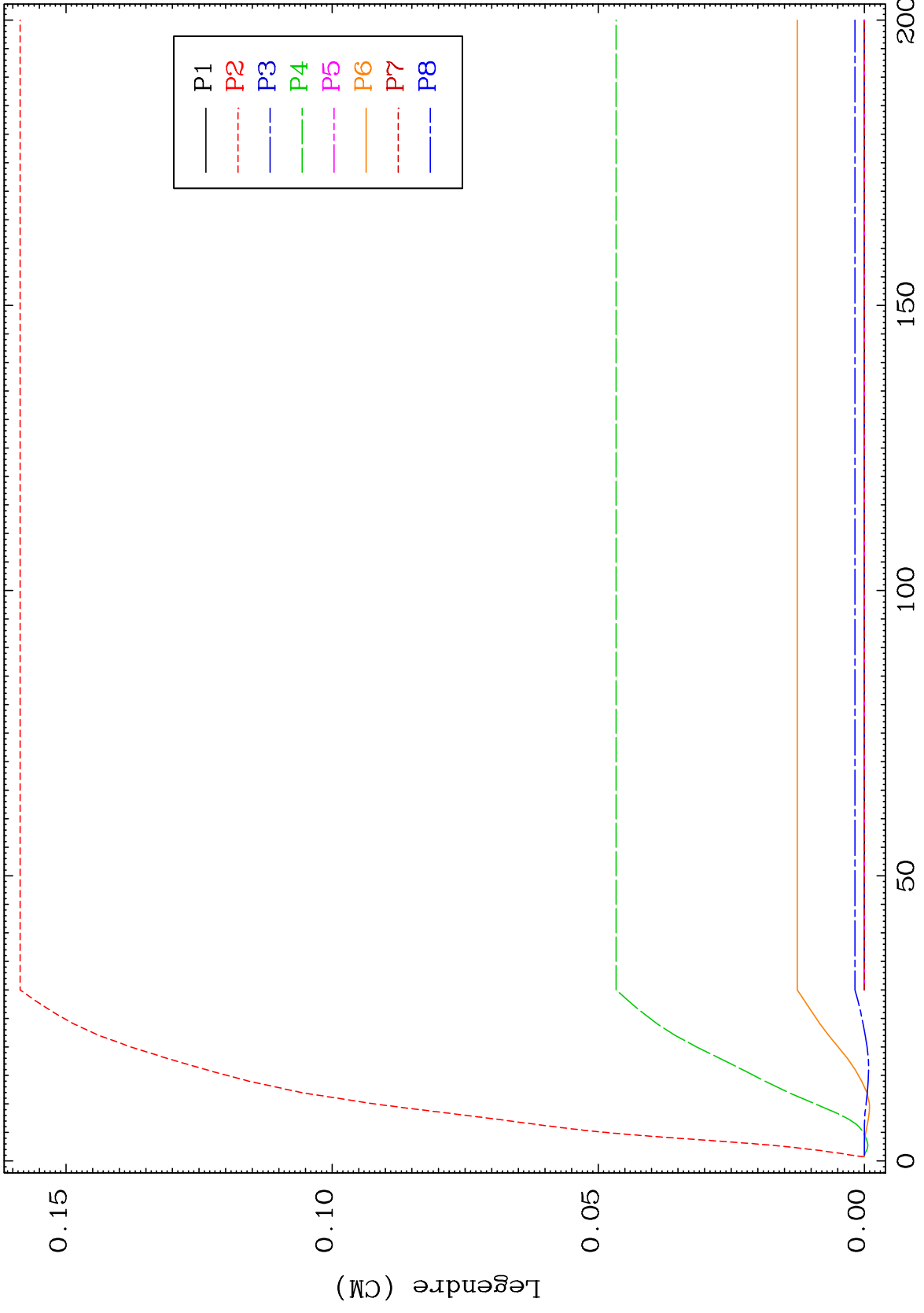


107

Incident Energy (MeV)

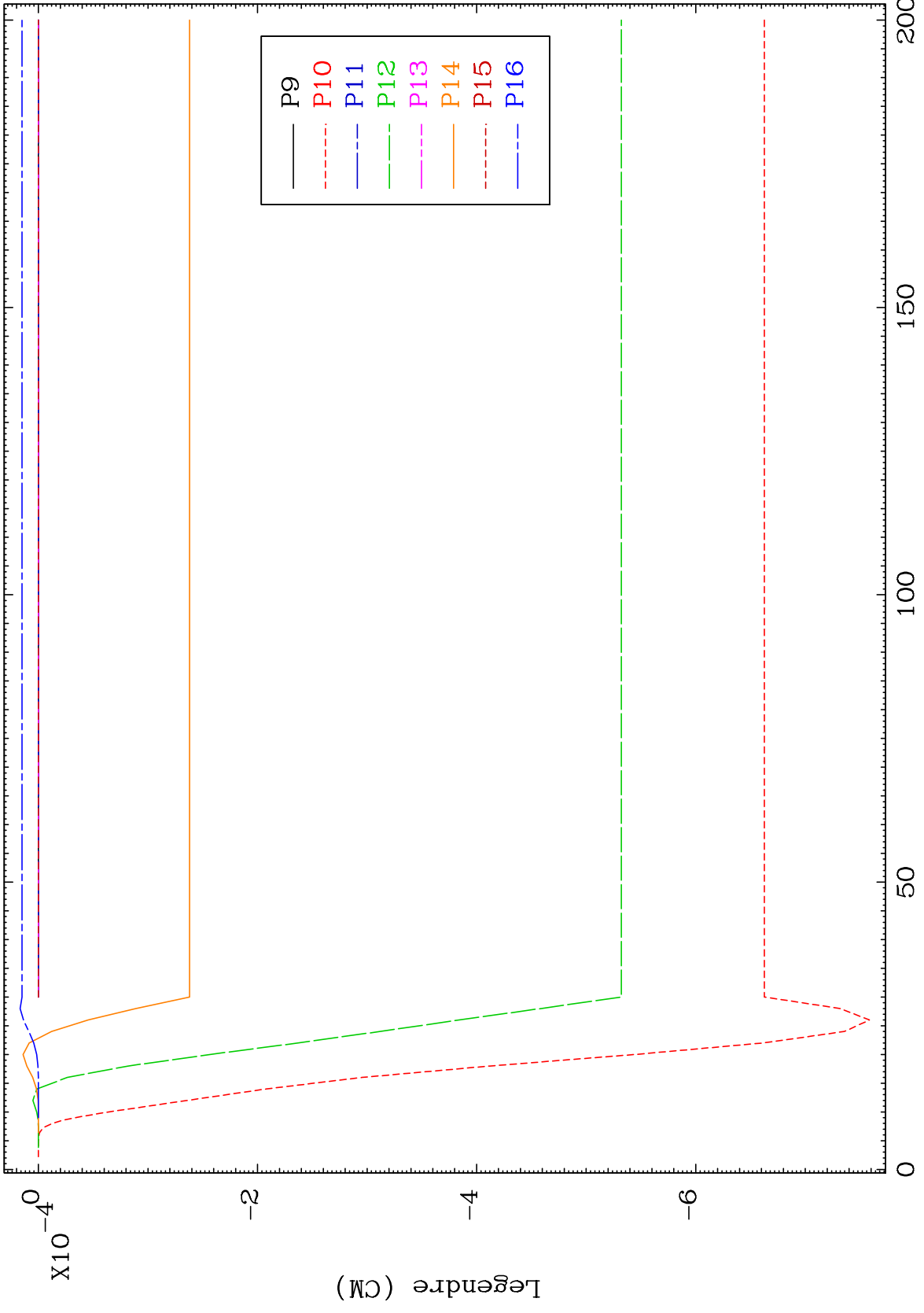
51-Sb-120

MAT 5122 MT= 76 (n,n') Level Legendre Coefficients 51-Sb-120



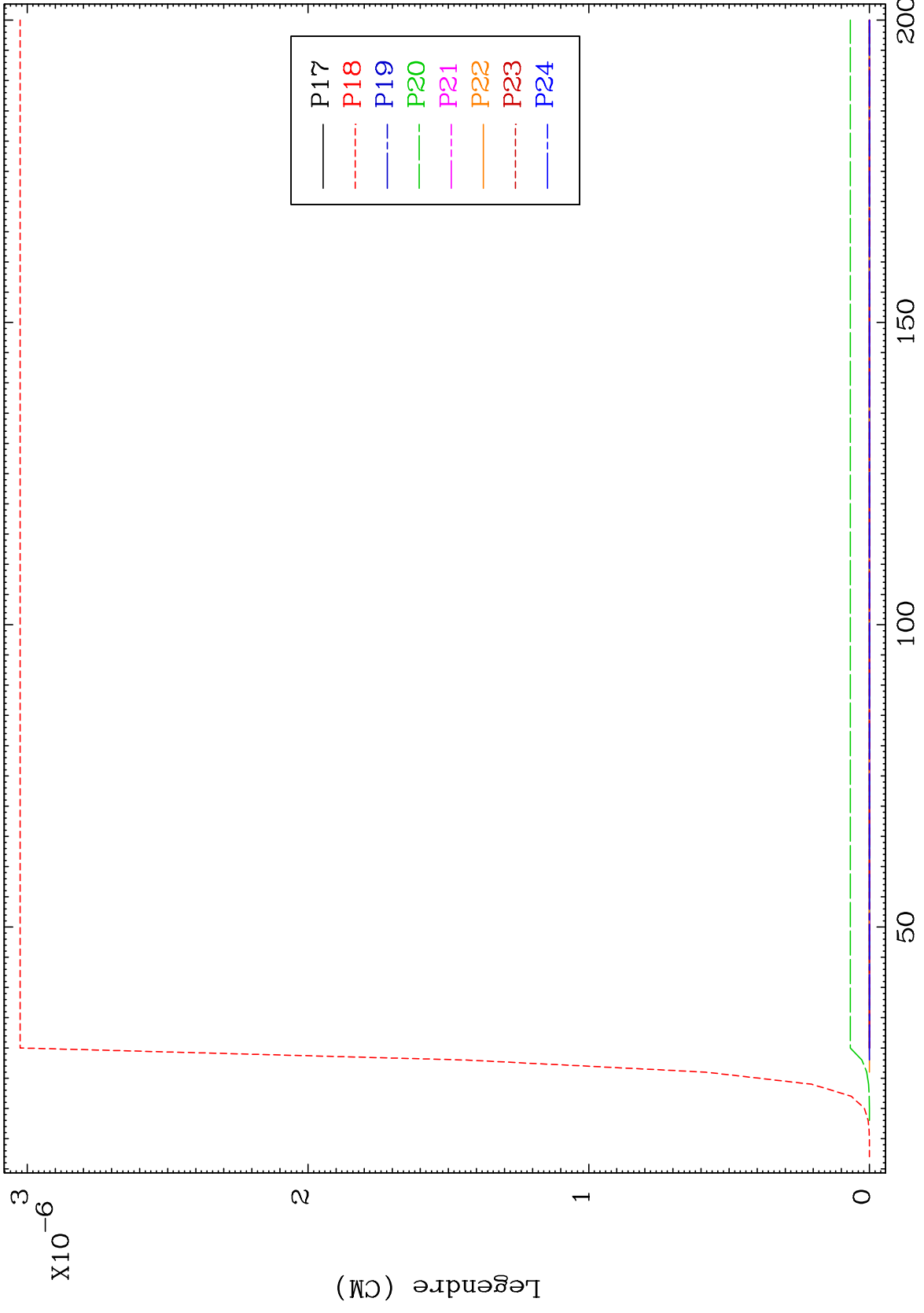
108 Incident Energy (MeV) 51-Sb-120

MAT 5122 MT= 76 (n,n') Level Legendre Coefficients 51-Sb-120



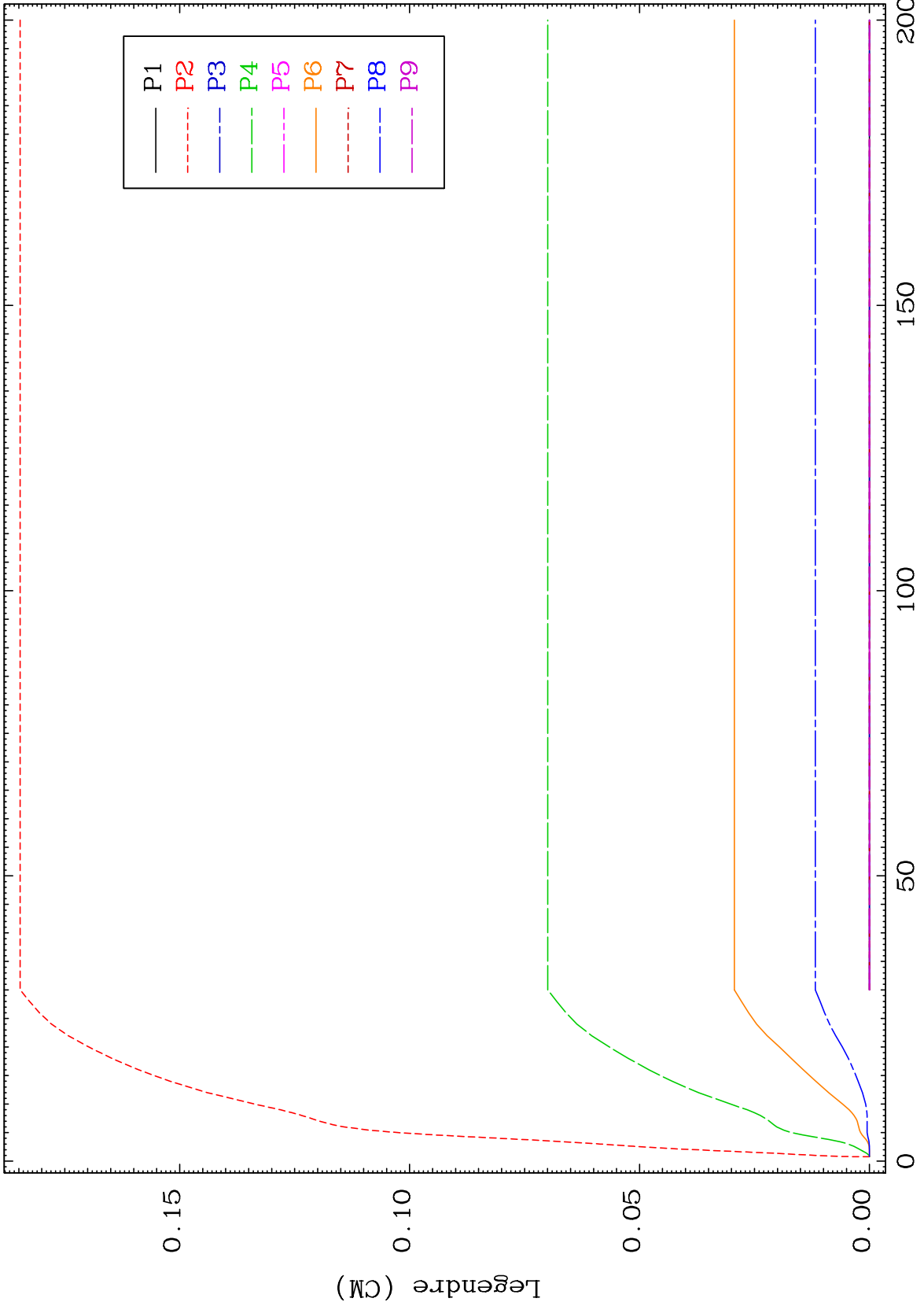
109 51-Sb-120

MAT 5122 MT= 76 (n,n') Level Legendre Coefficients 51-Sb-120



Incident Energy (MeV) 51-Sb-120

MAT 5122 MT= 77 (n,n') Level Legendre Coefficients 51-Sb-120



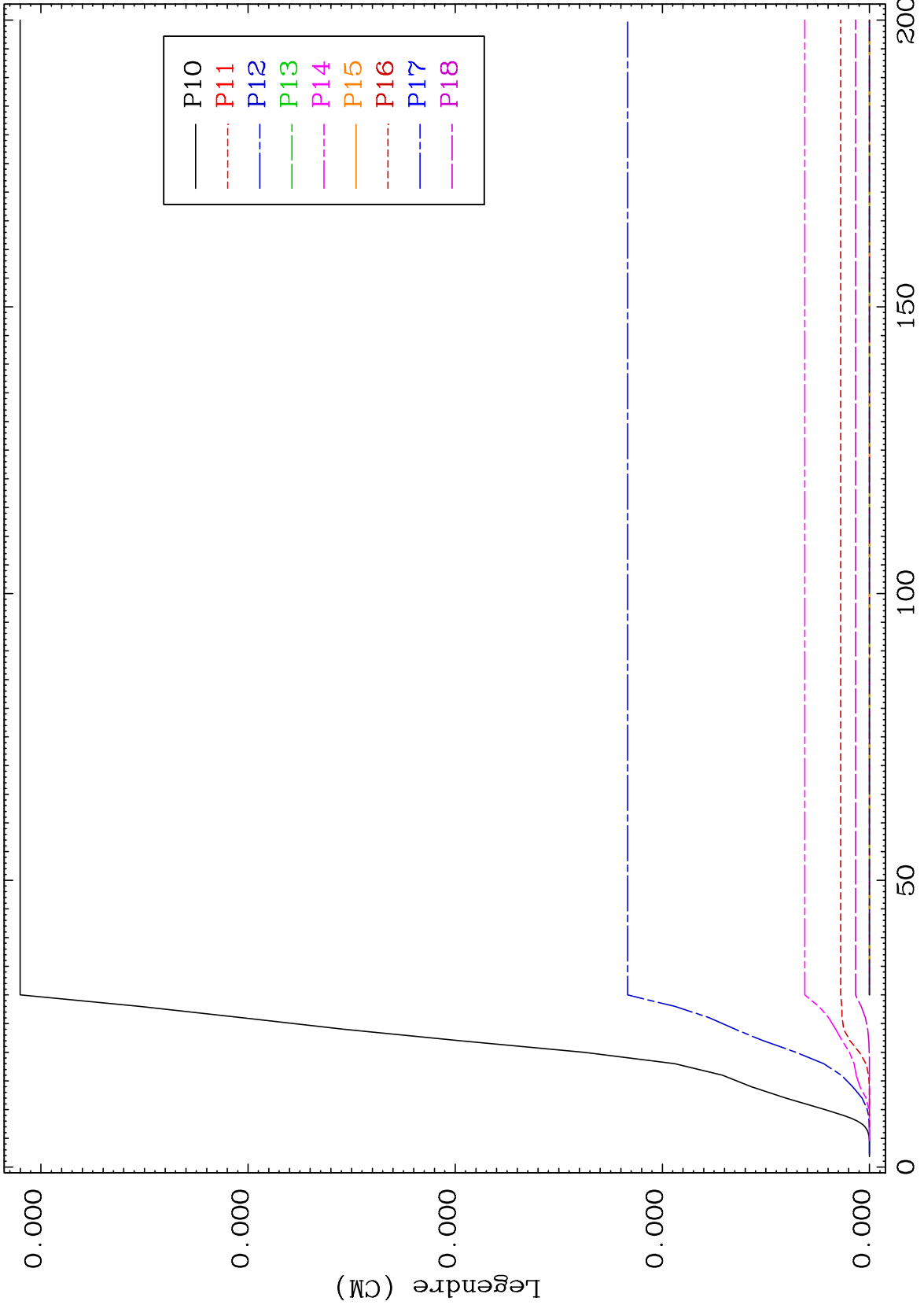
111 51-Sb-120



MAT 5122

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

51-Sb-120

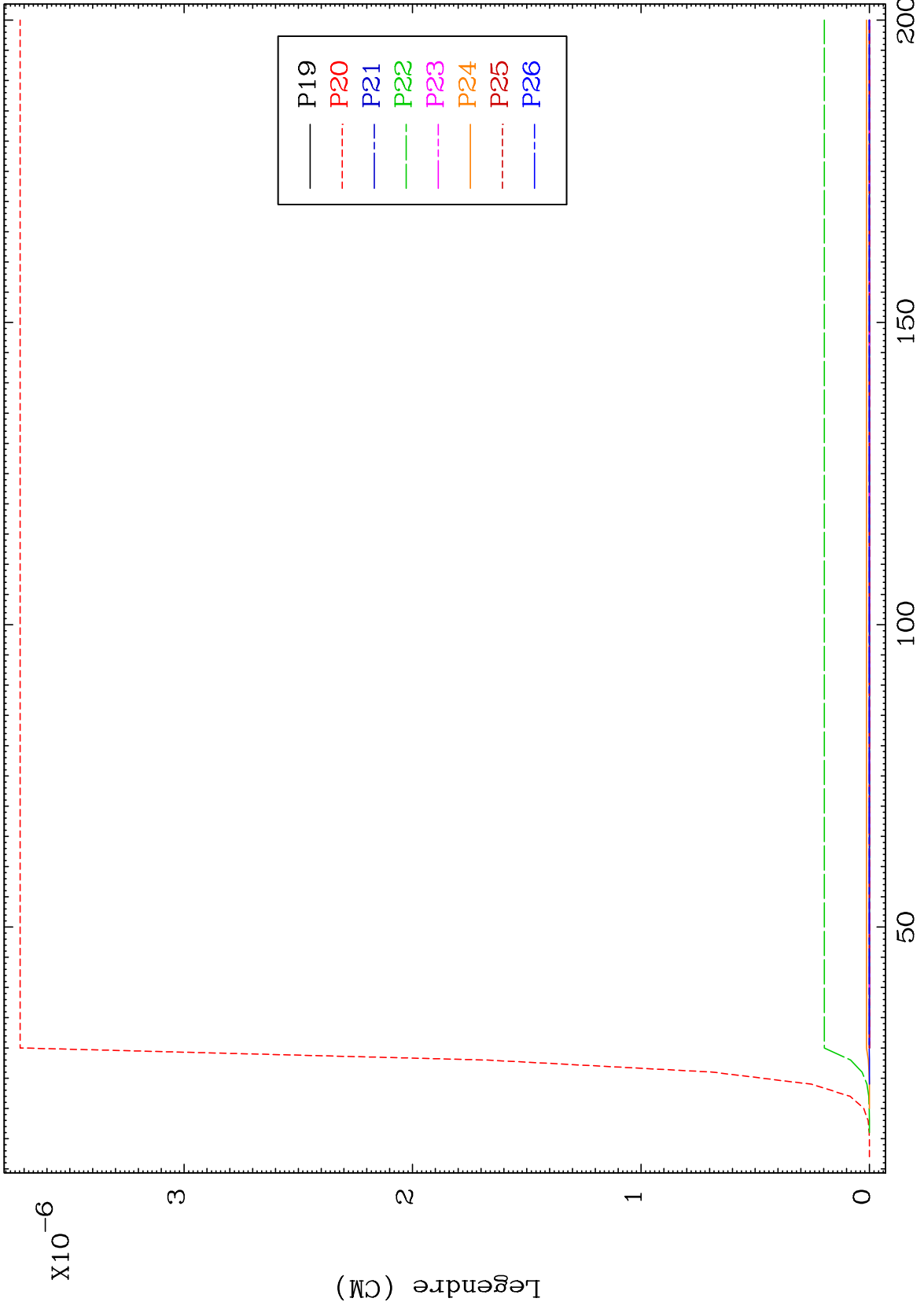


112

Incident Energy (MeV)

51-Sb-120

MAT 5122 MT= 77 (n,n') Level Legendre Coefficients 51-Sb-120

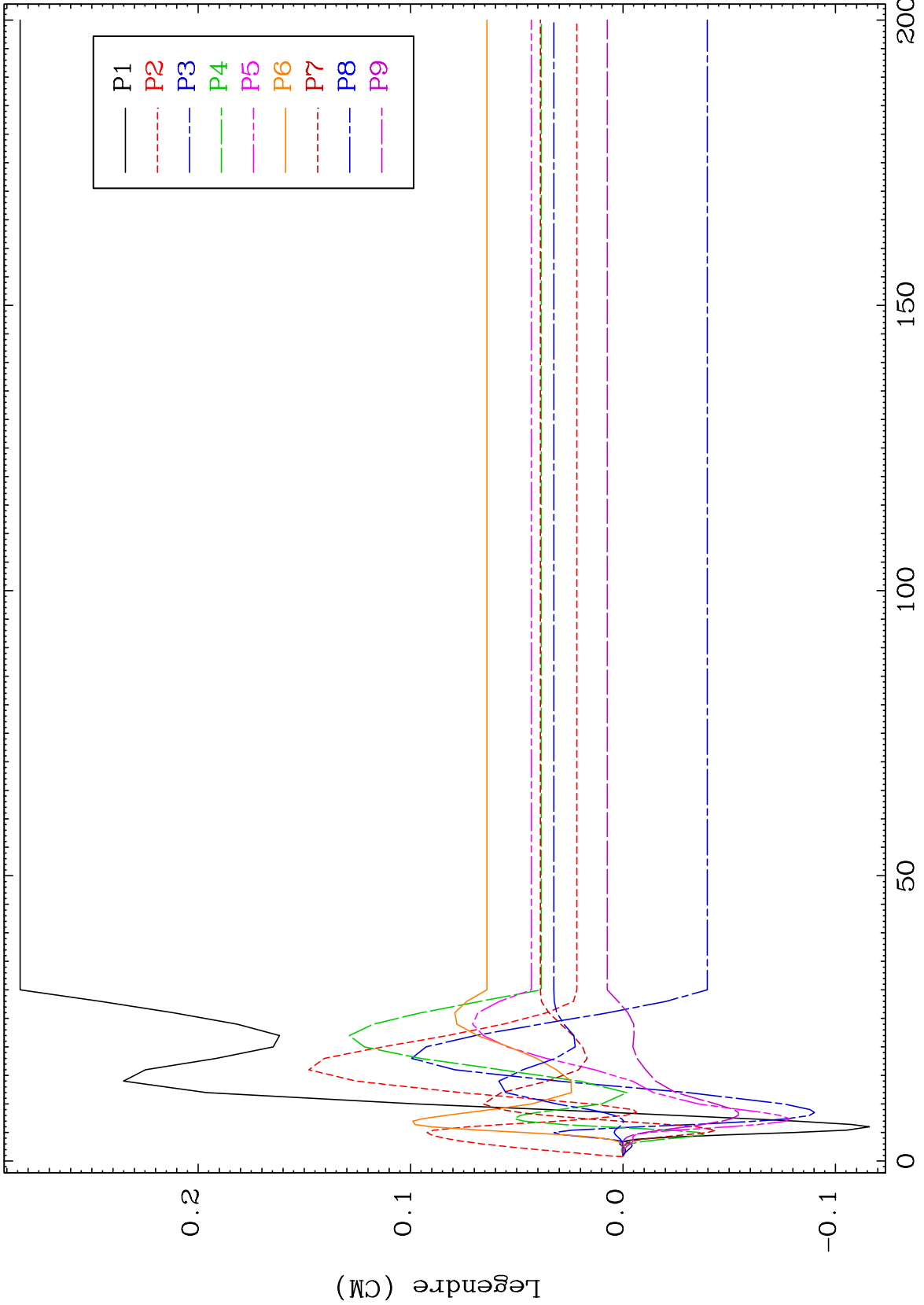


113 51-Sb-120

MAT 5122

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

51-Sb-120



51-Sb-120

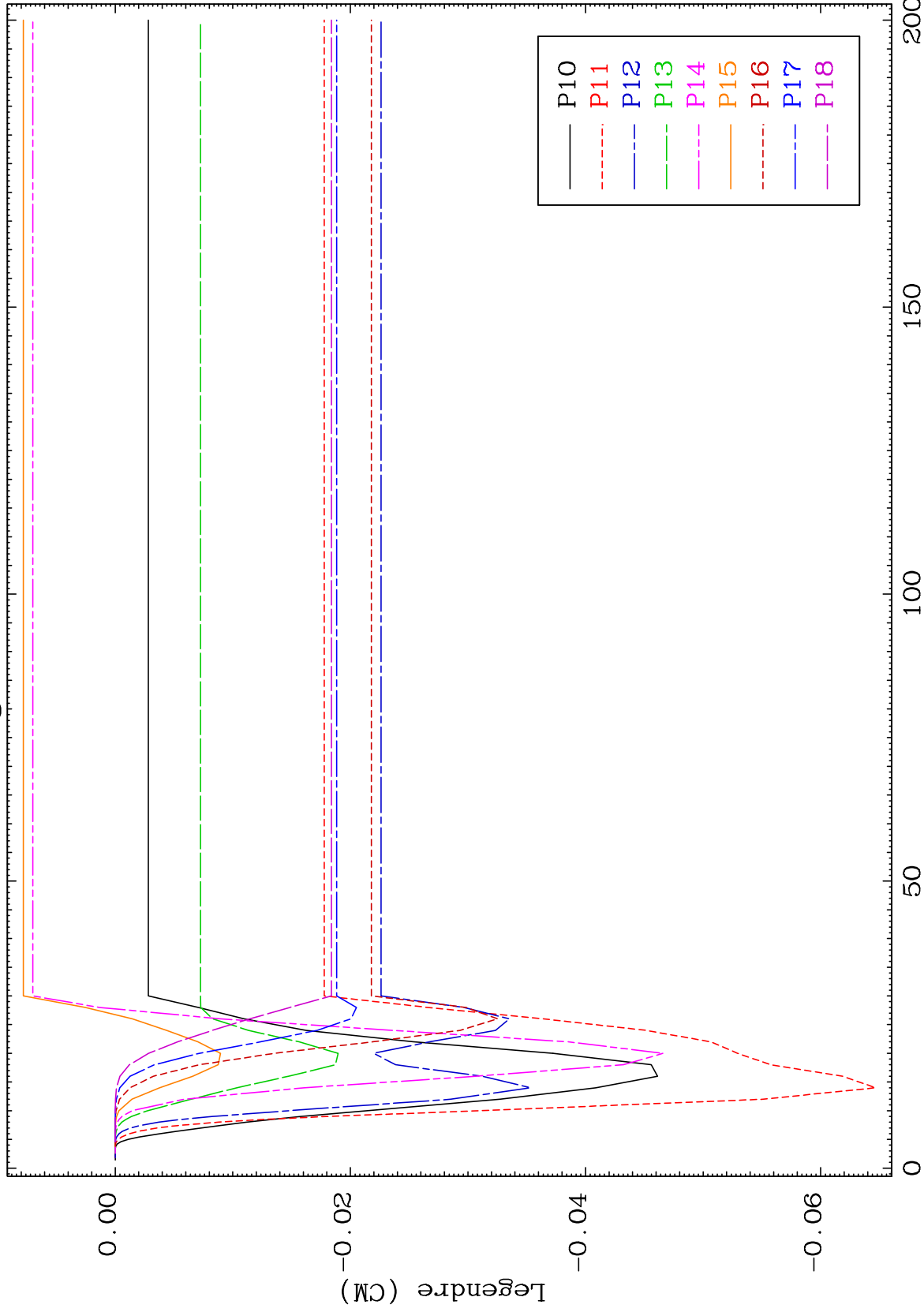
Incident Energy (MeV)

114

MAT 5122

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

51-Sb-120

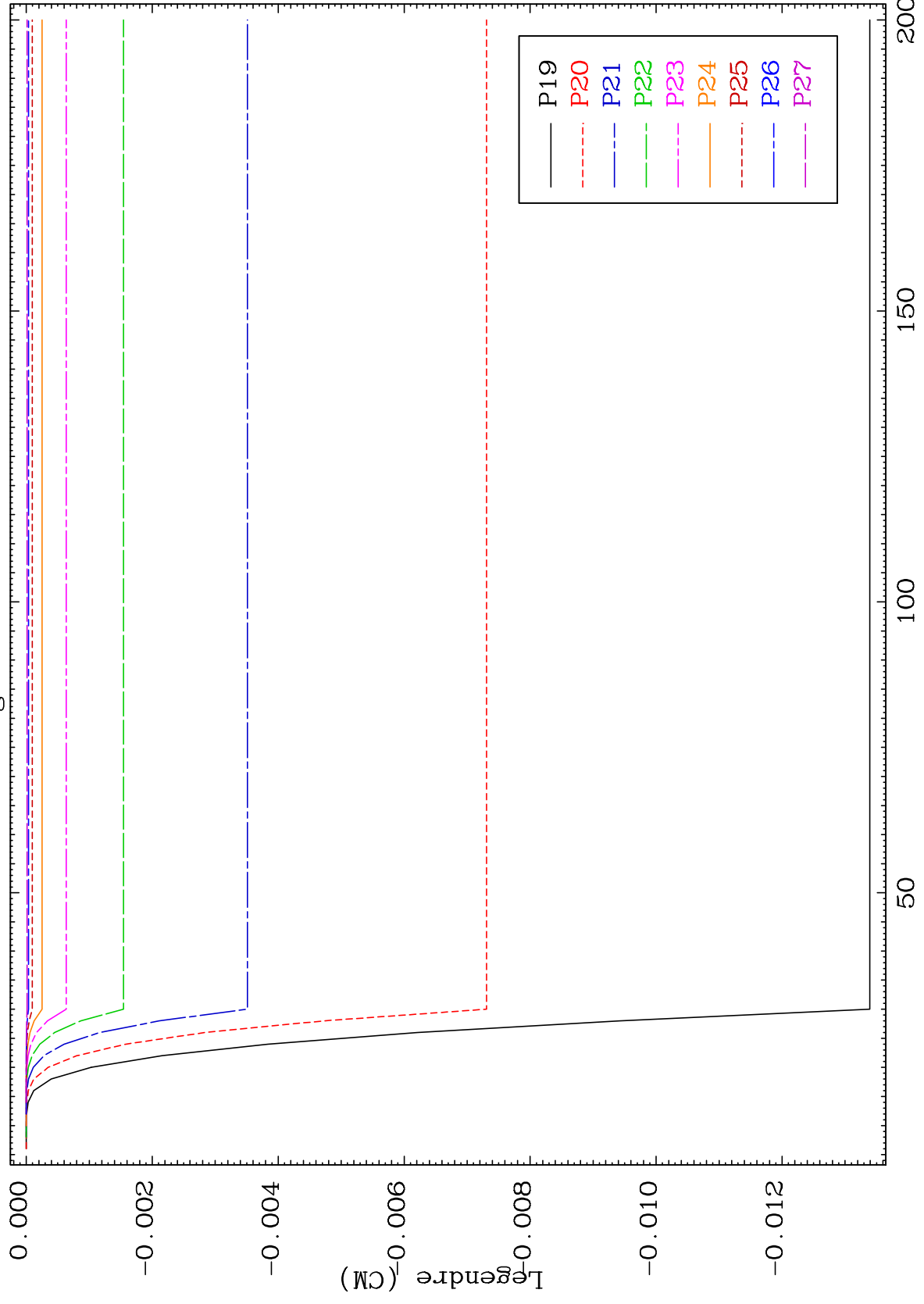


115

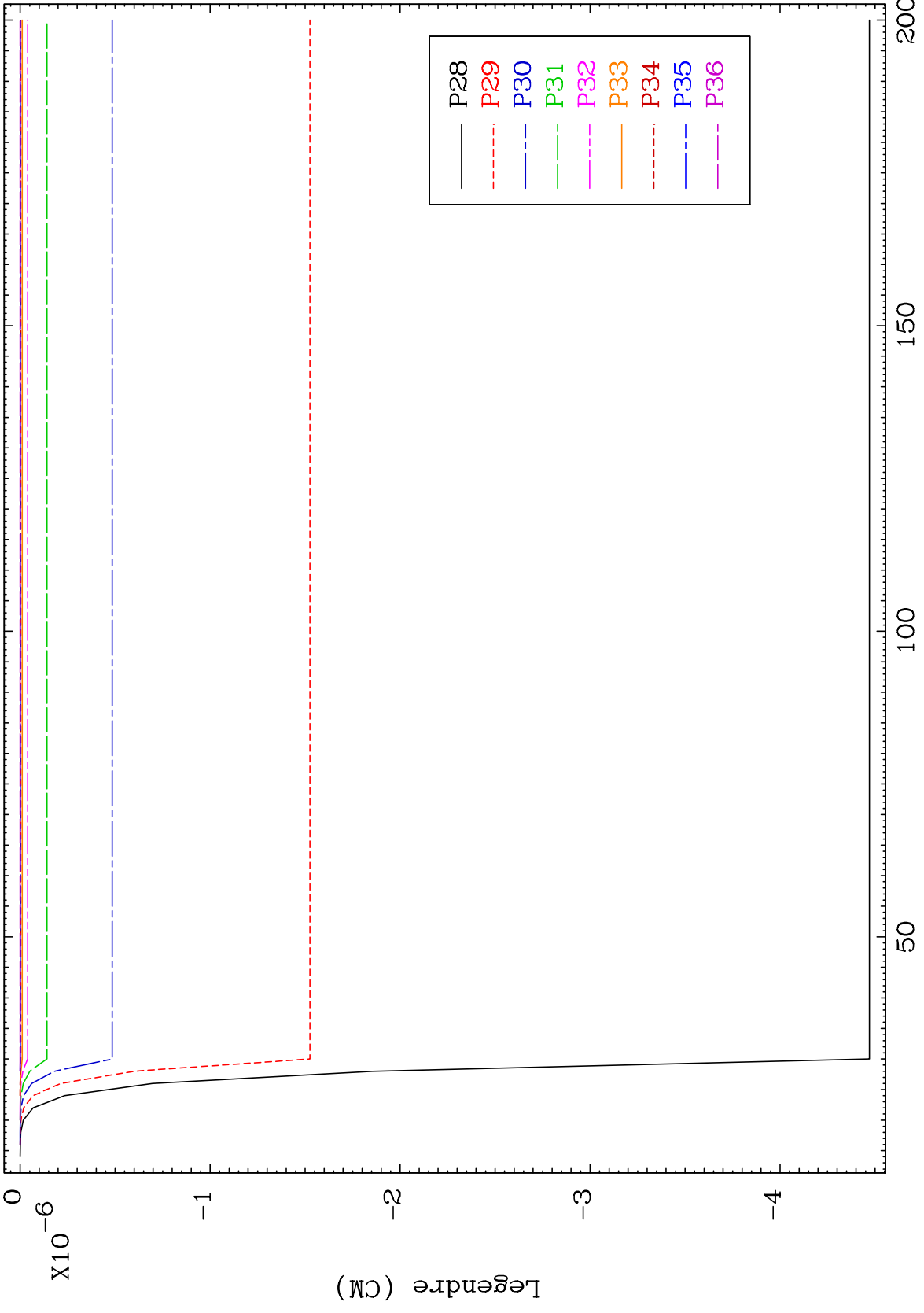
Incident Energy (MeV)

51-Sb-120

MAT 5122 MT= 78 (n,n') Level Legendre Coefficients 51-Sb-120



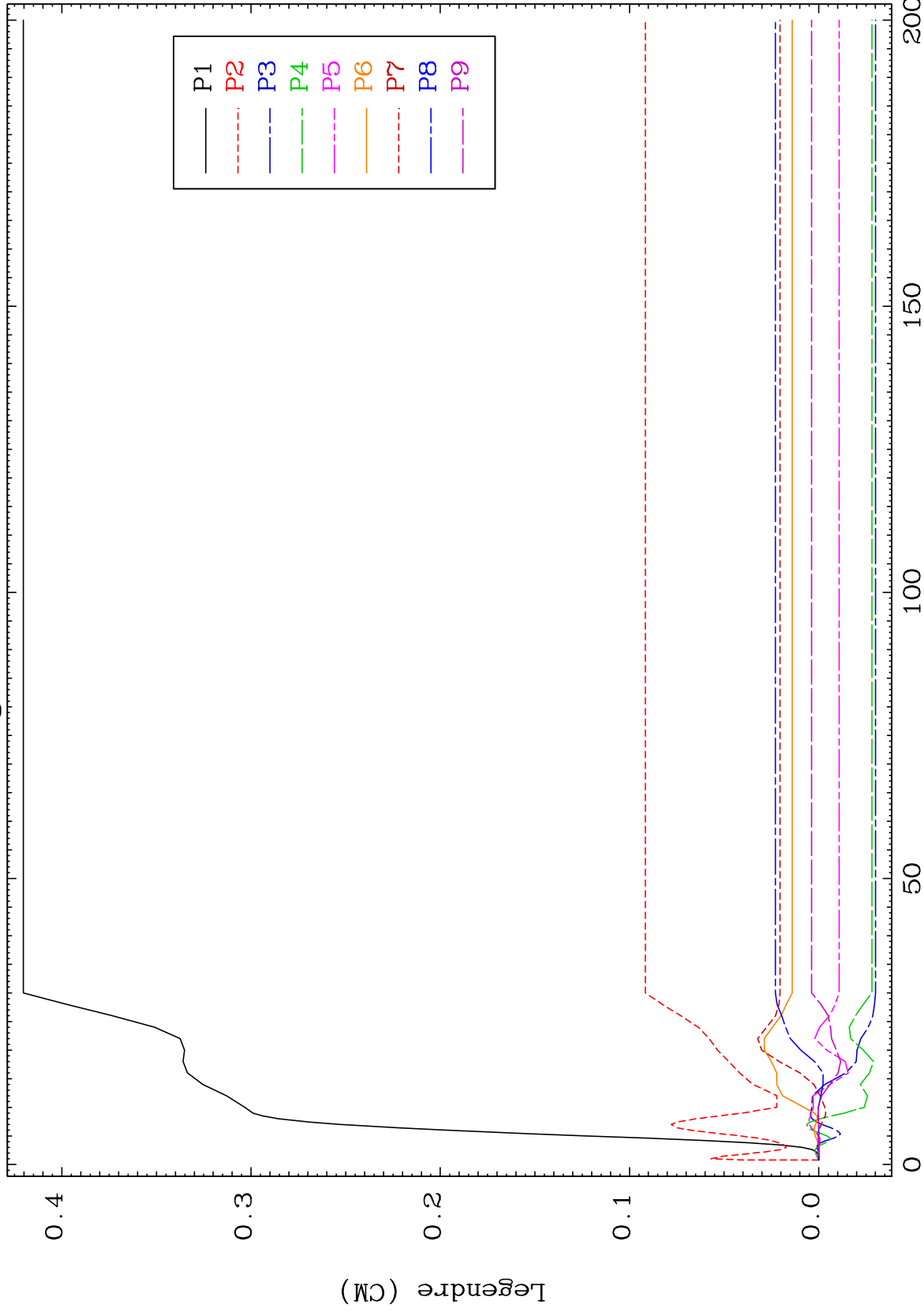
MAT 5122 MT= 78 (n,n') Level Legendre Coefficients 51-Sb-120



MAT 5122

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

51-Sb-120

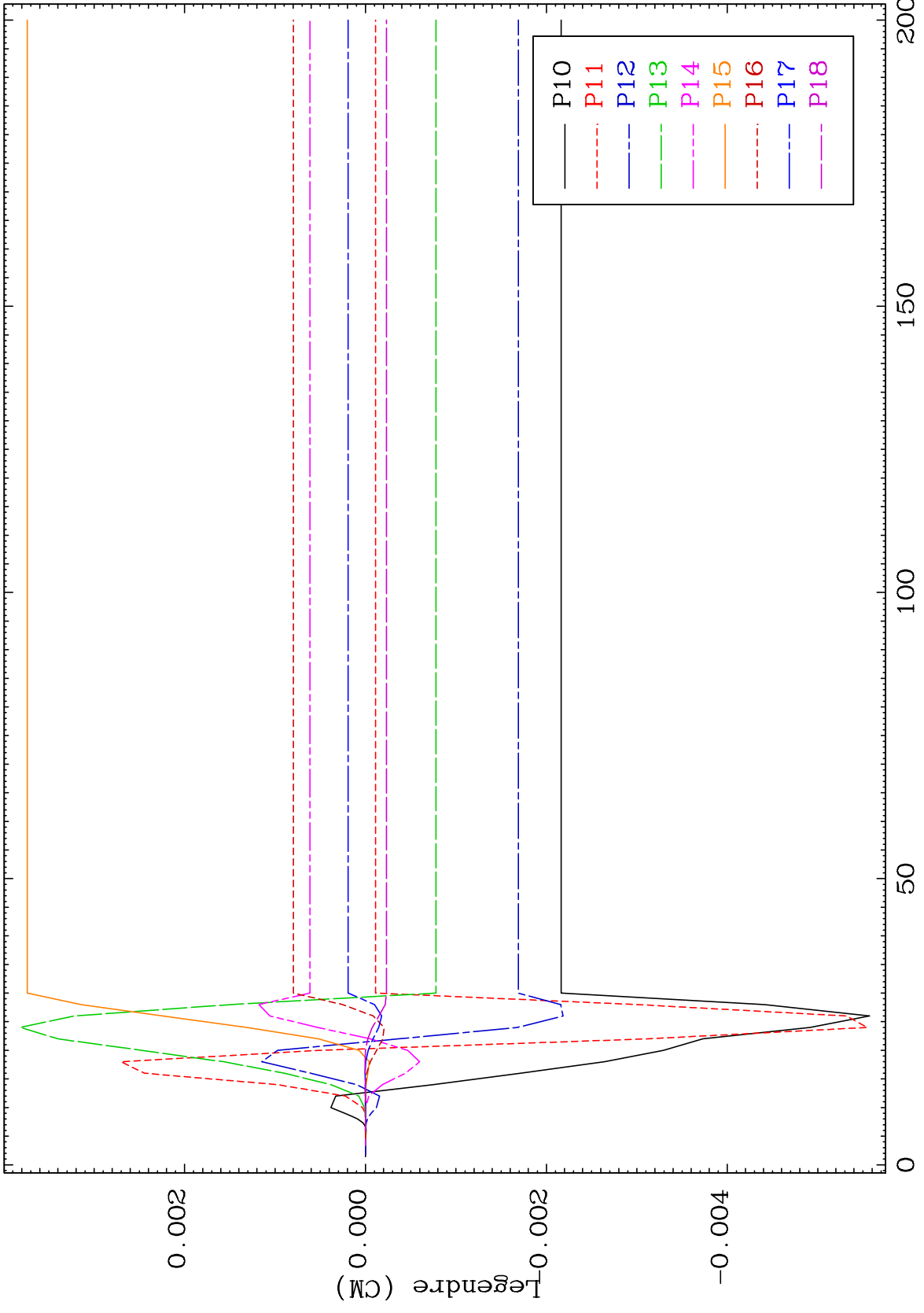


118

Incident Energy (MeV)

51-Sb-120

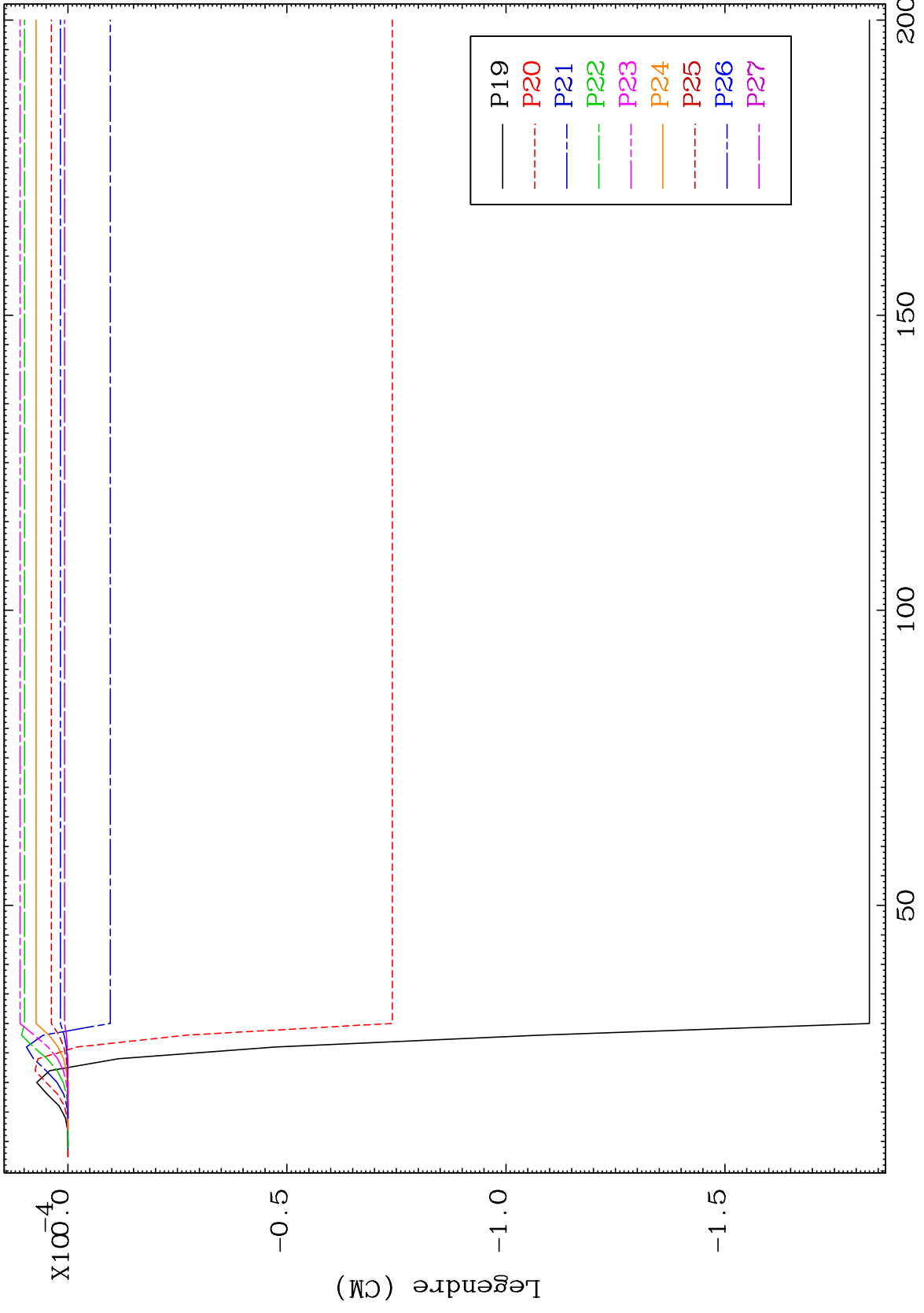
MAT 5122 MT= 79 (n,n') Level Legendre Coefficients 51-Sb-120



119 51-Sb-120



MAT 5122 MT= 79 (n,n') Level Legendre Coefficients 51-Sb-120

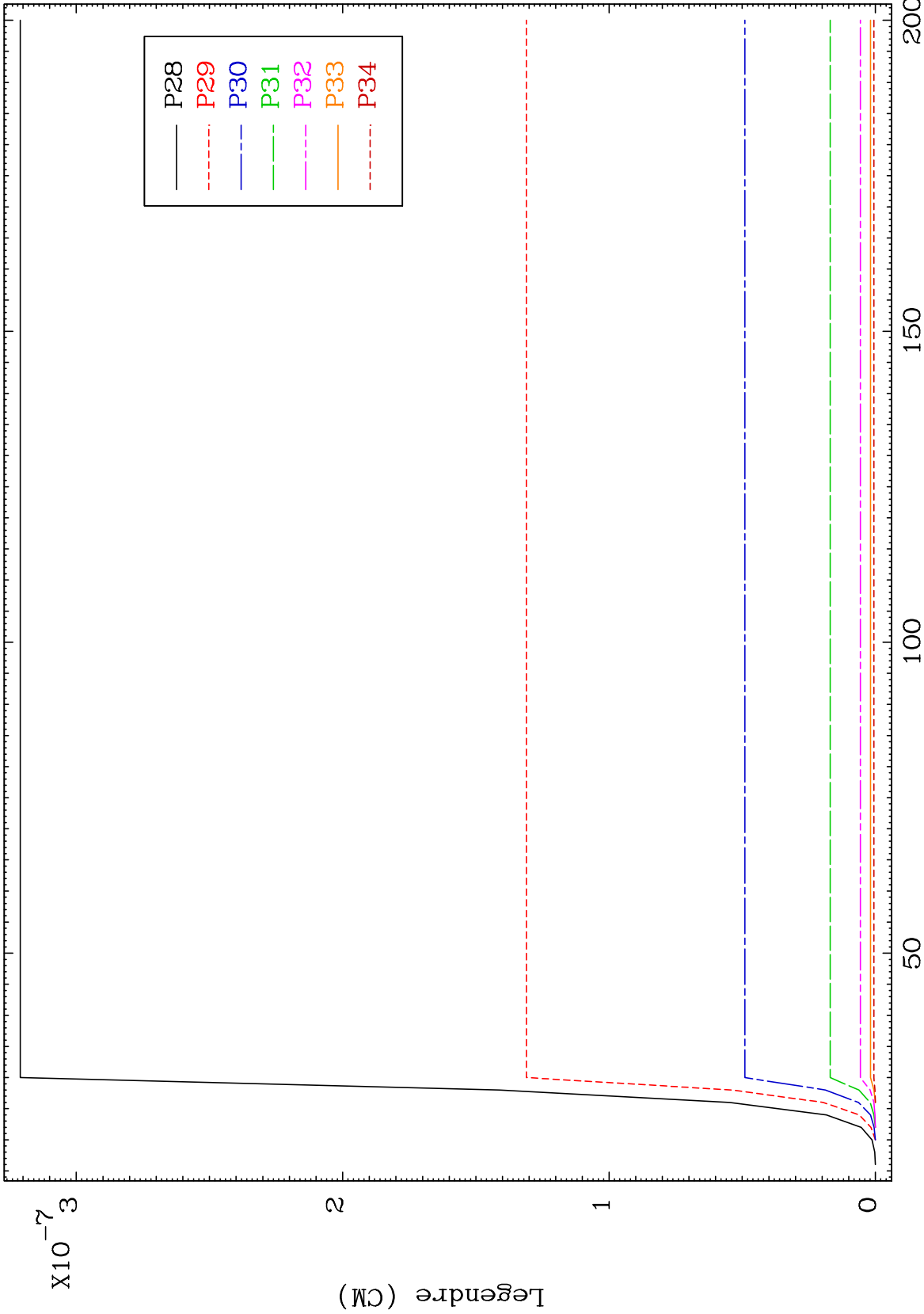


120 51-Sb-120

MAT 5122

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

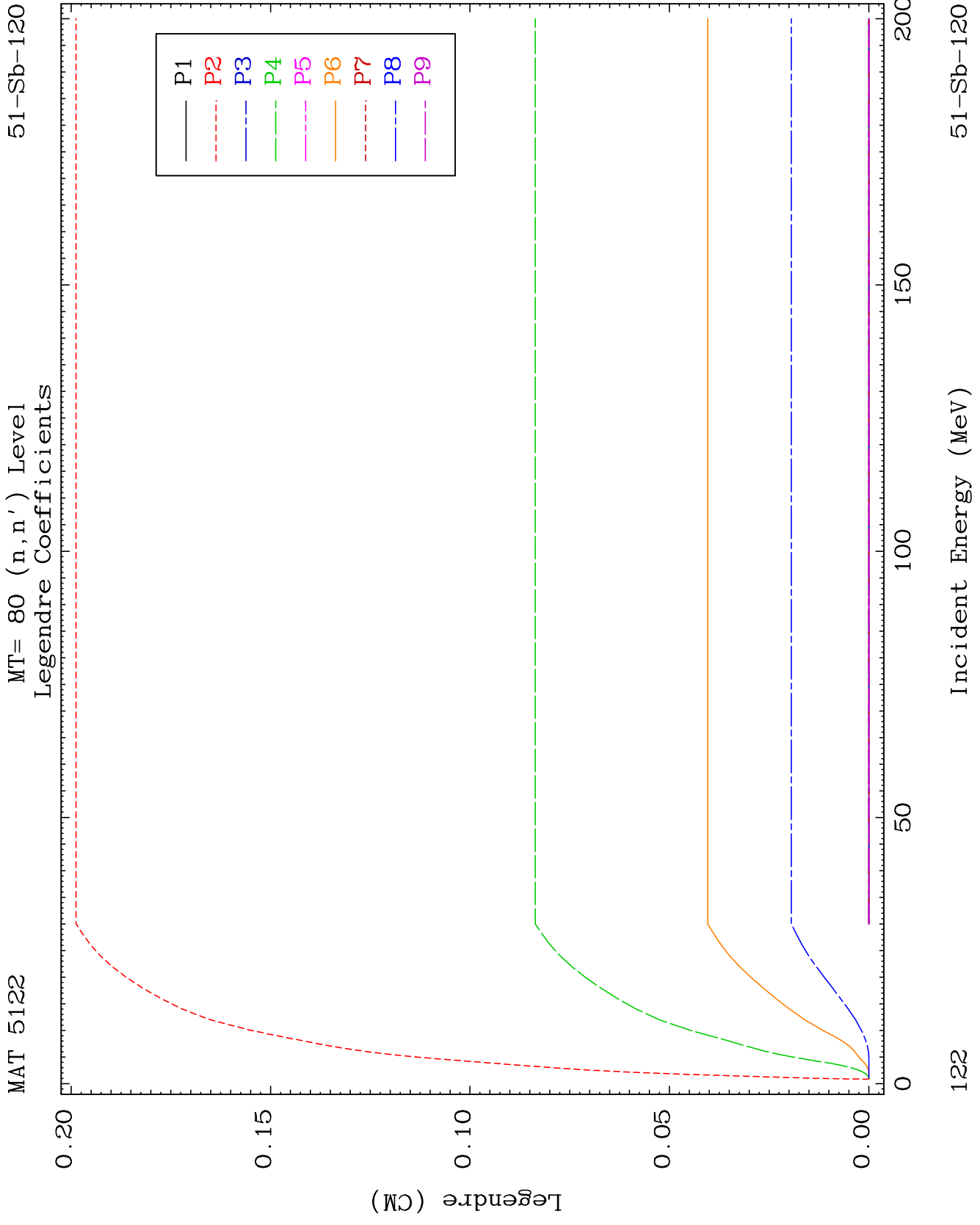
51-Sb-120



121

Incident Energy (MeV)

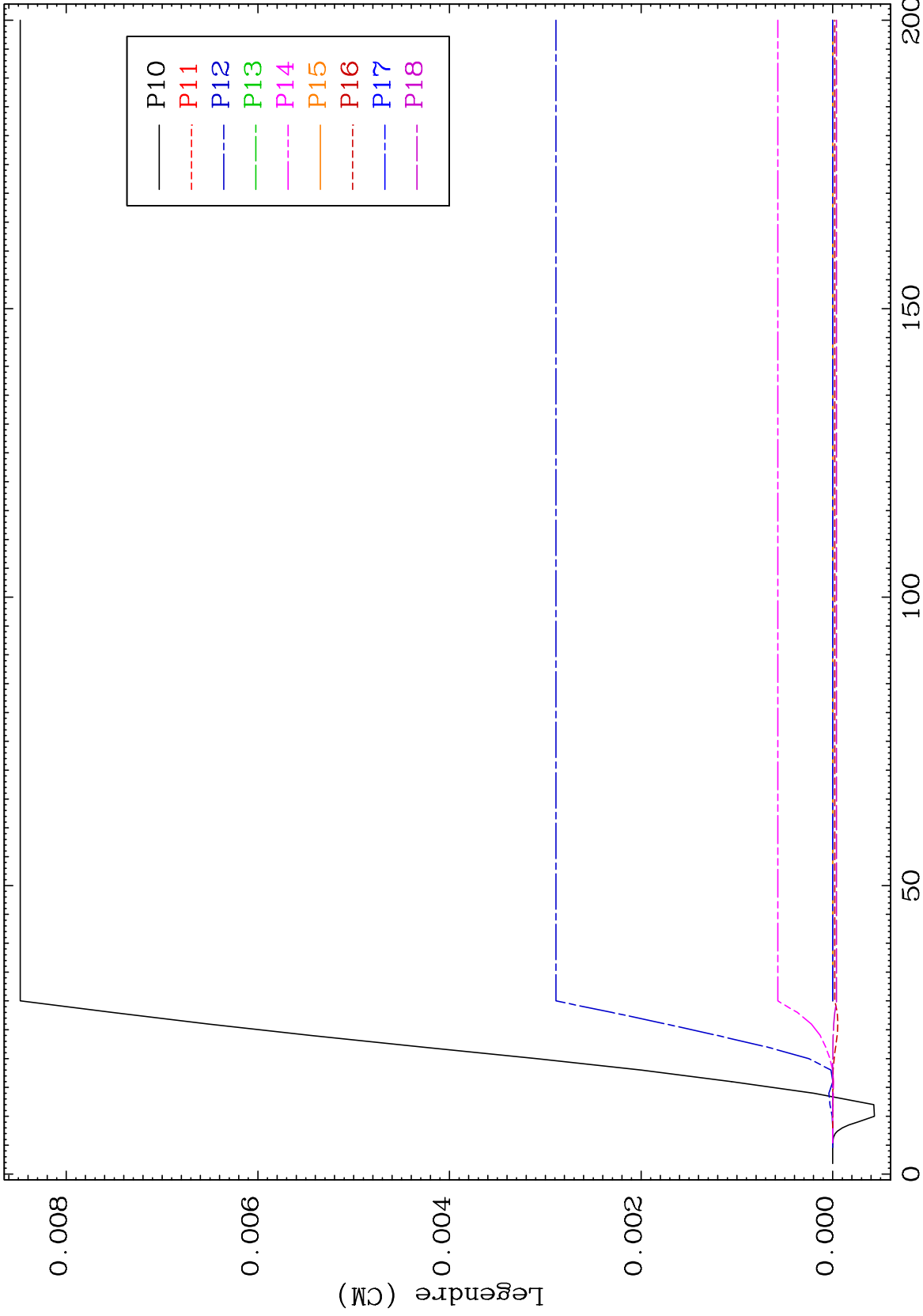
51-Sb-120



MAT 5122

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

51-Sb-120

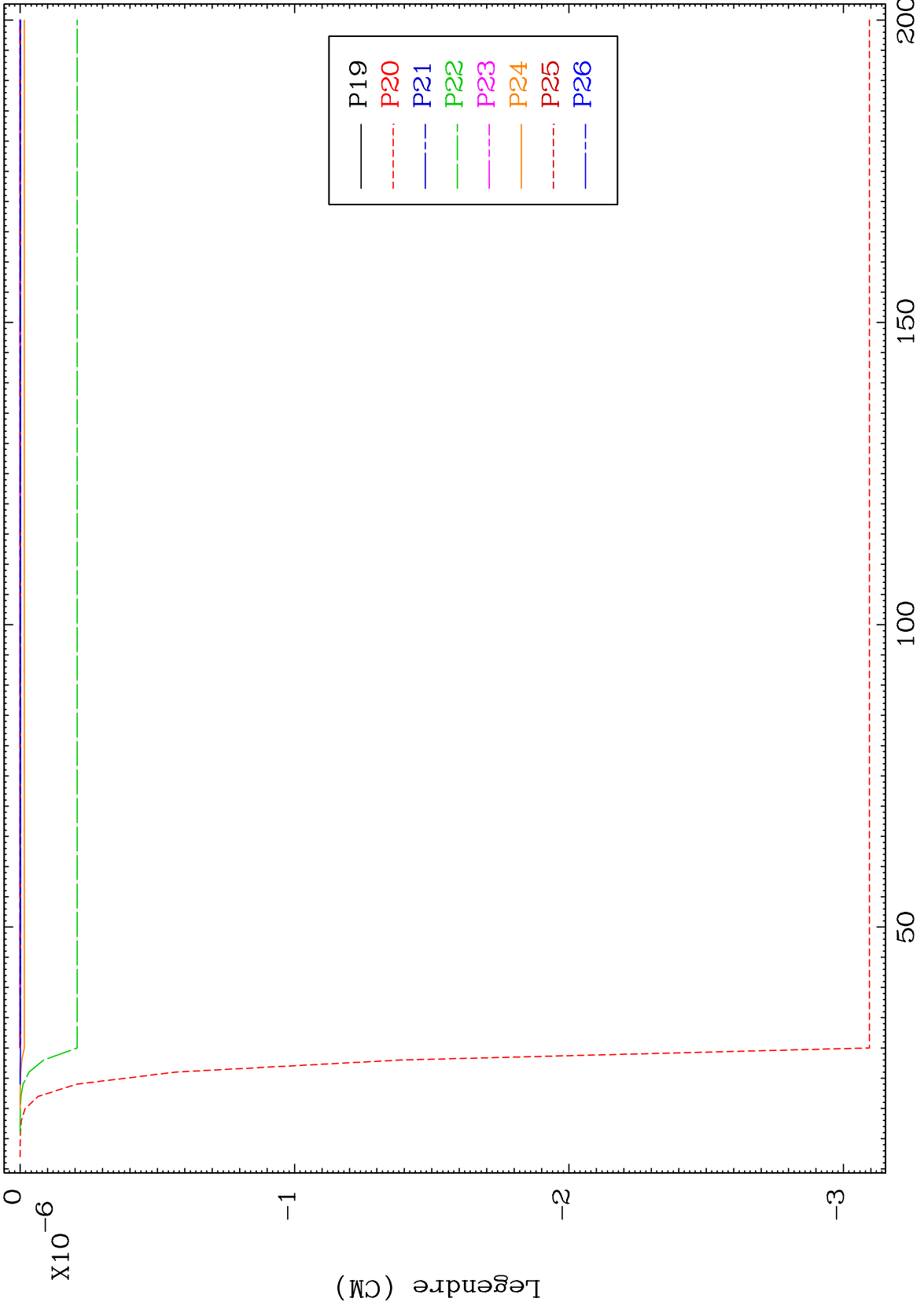


123

Incident Energy (MeV)

51-Sb-120

MAT 5122 MT= 80 (n,n') Level Legendre Coefficients 51-Sb-120

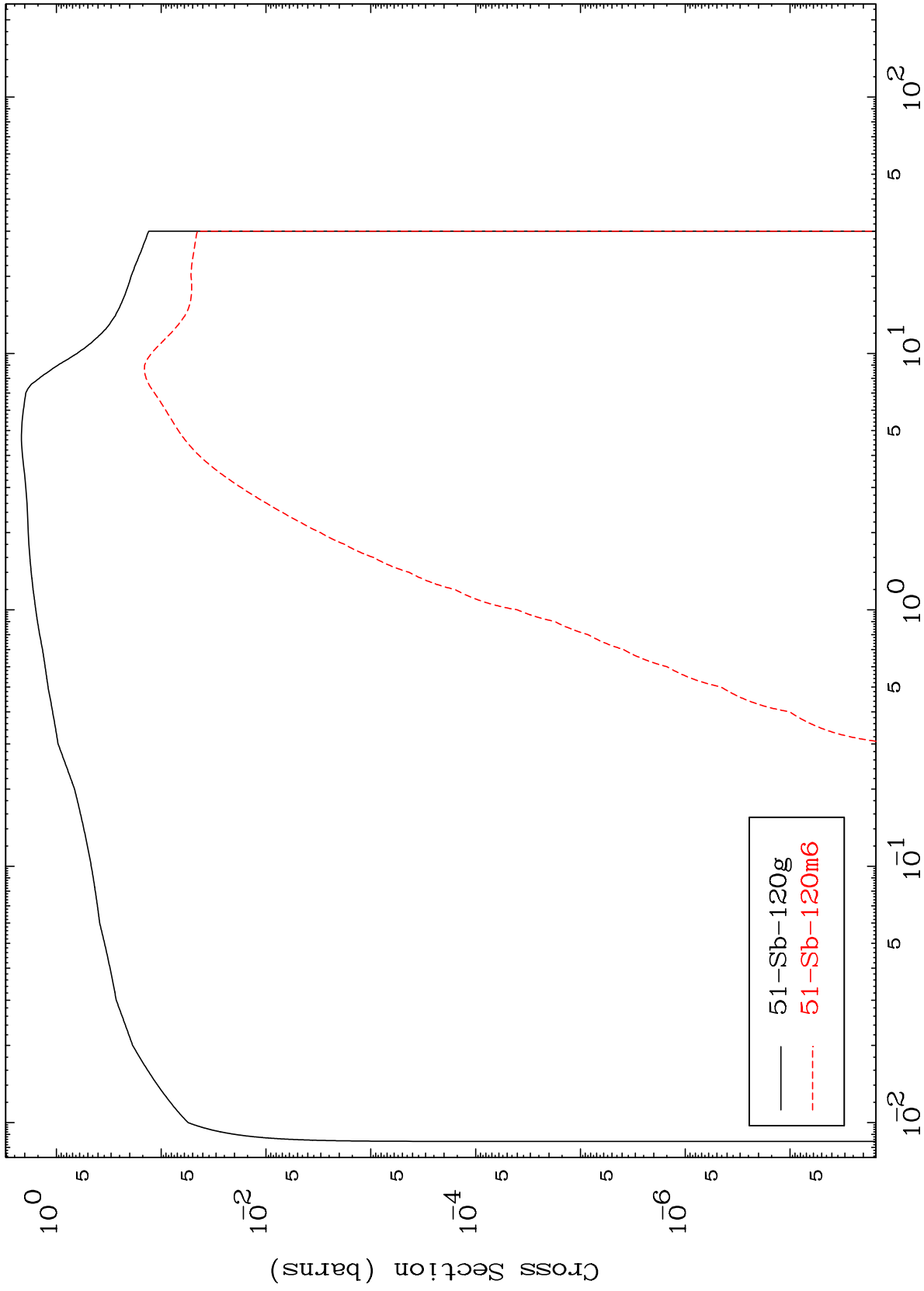


124 51-Sb-120

MAT 5122

51-Sb-120

### Inelastic Radionuclide Production Cross Section



125

Incident Energy (MeV)

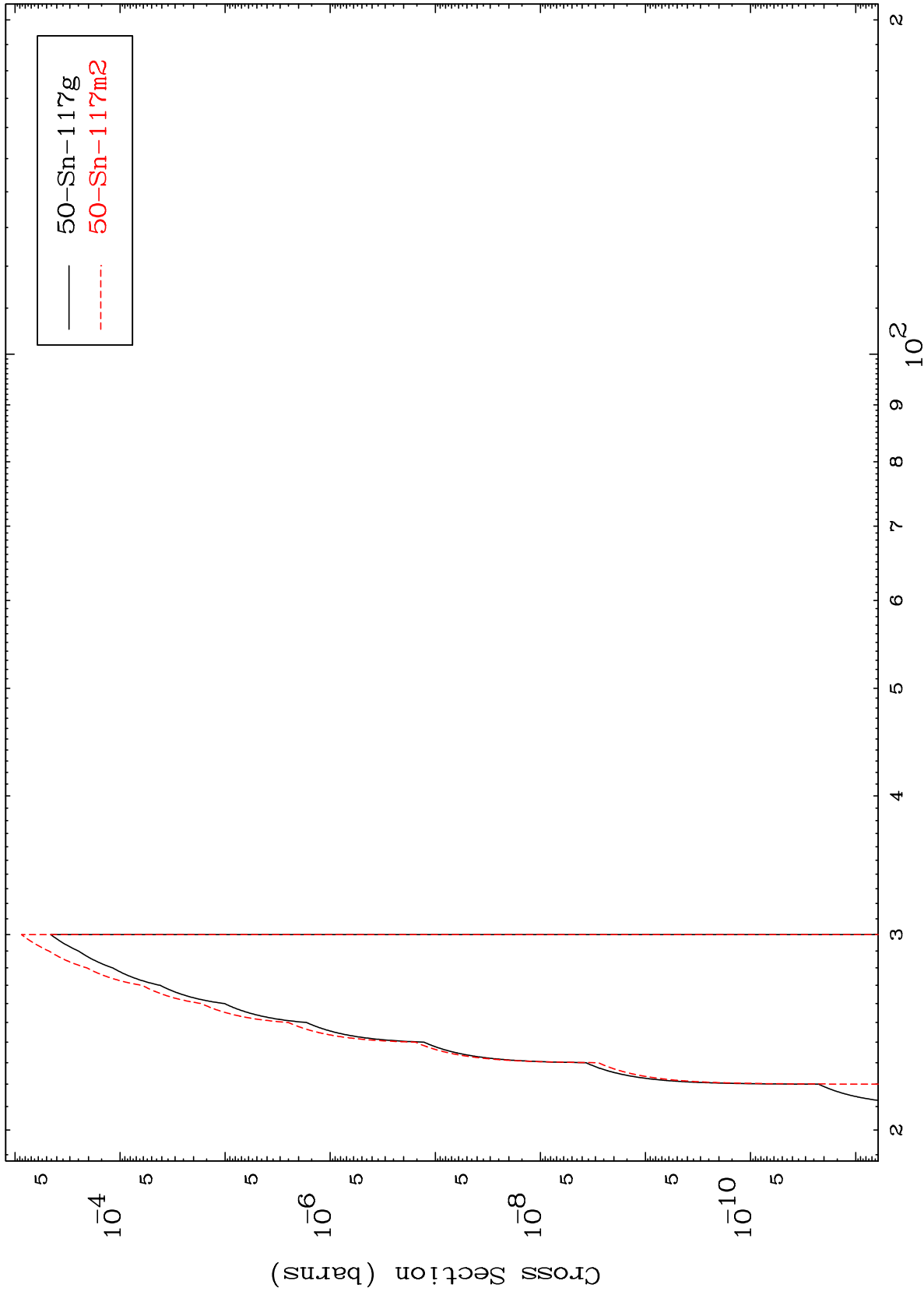
51-Sb-120

MAT 5122

(n,2n) d

51-Sb-120

Radionuclide Production Cross Section



126

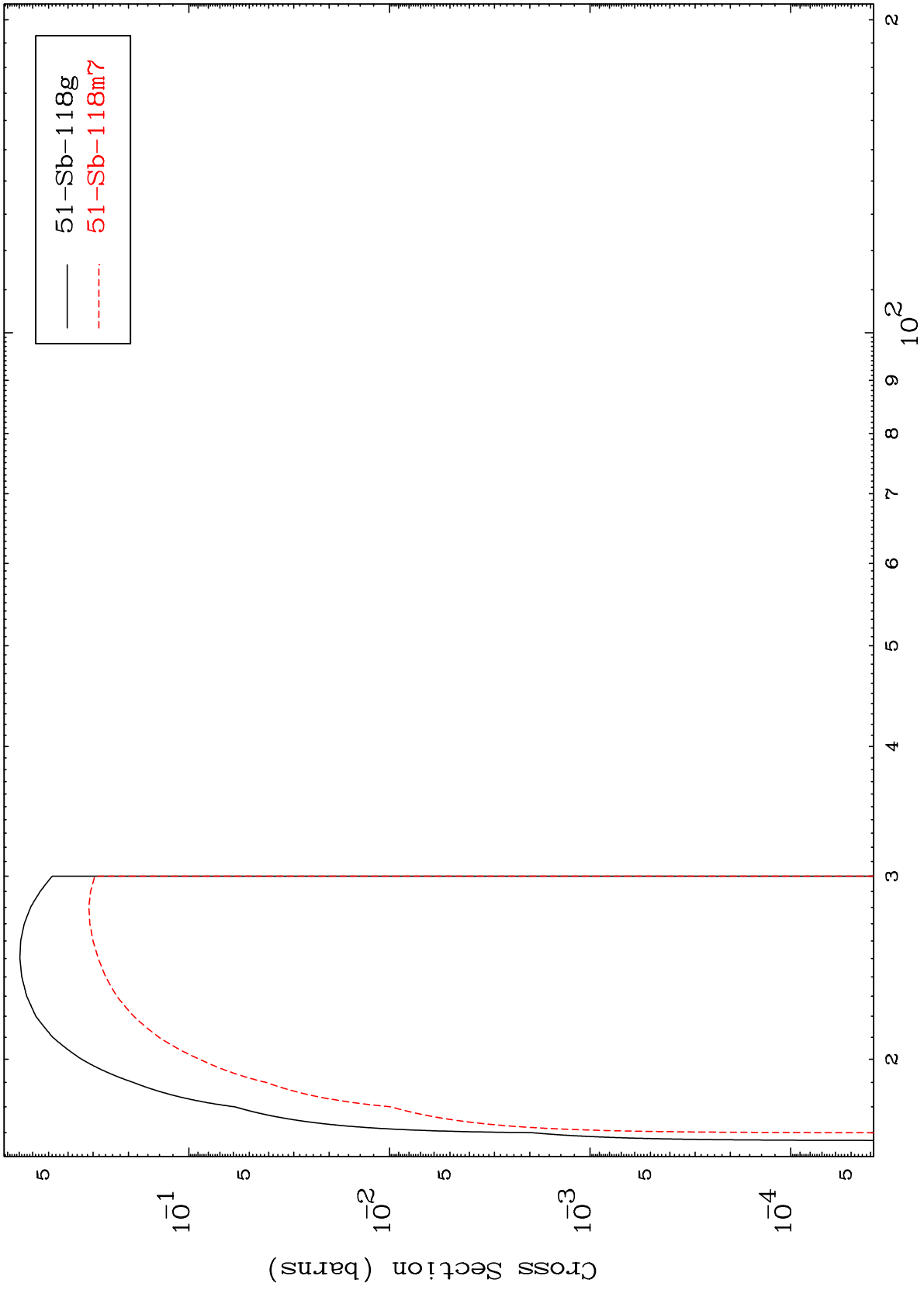
Incident Energy (MeV)

51-Sb-120

MAT 5122

51-Sb-120

(n,3n)  
Radionuclide Production Cross Section



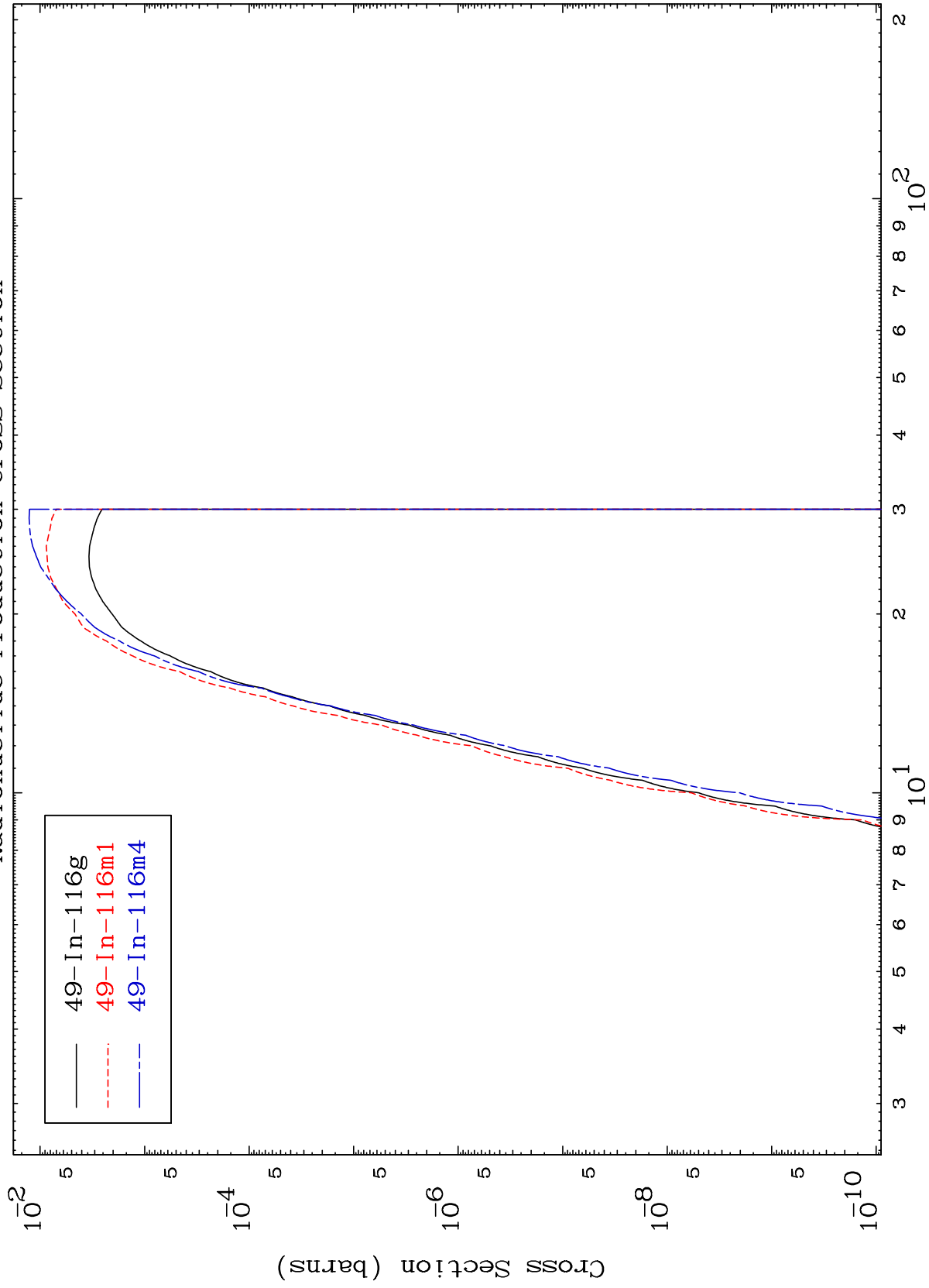
127

Incident Energy (MeV)

51-Sb-120



(n,n')  $\alpha$   
Radionuclide Production Cross Section

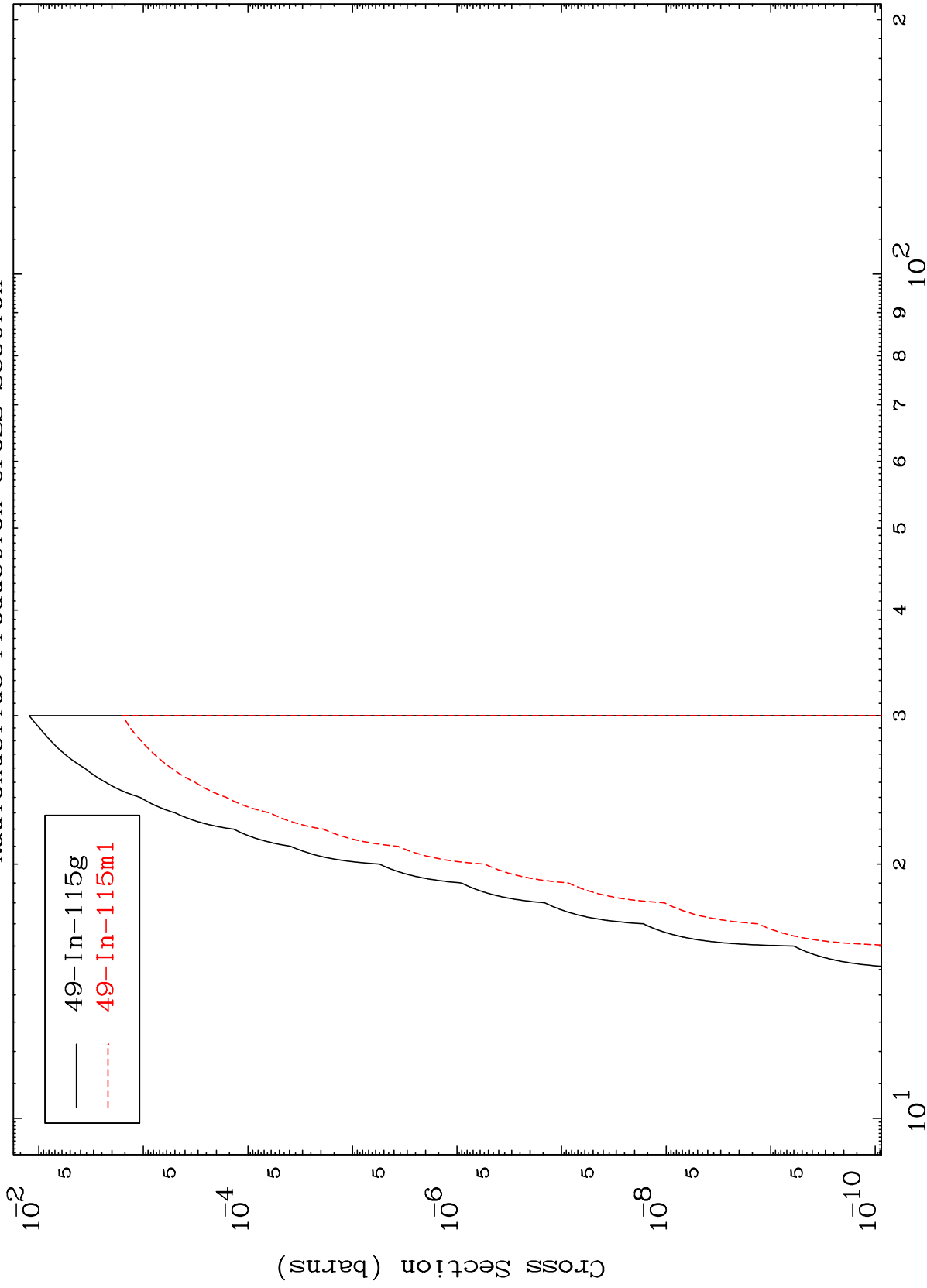


MAT 5122

(n,2n)  $\alpha$

51-Sb-120

Radionuclide Production Cross Section

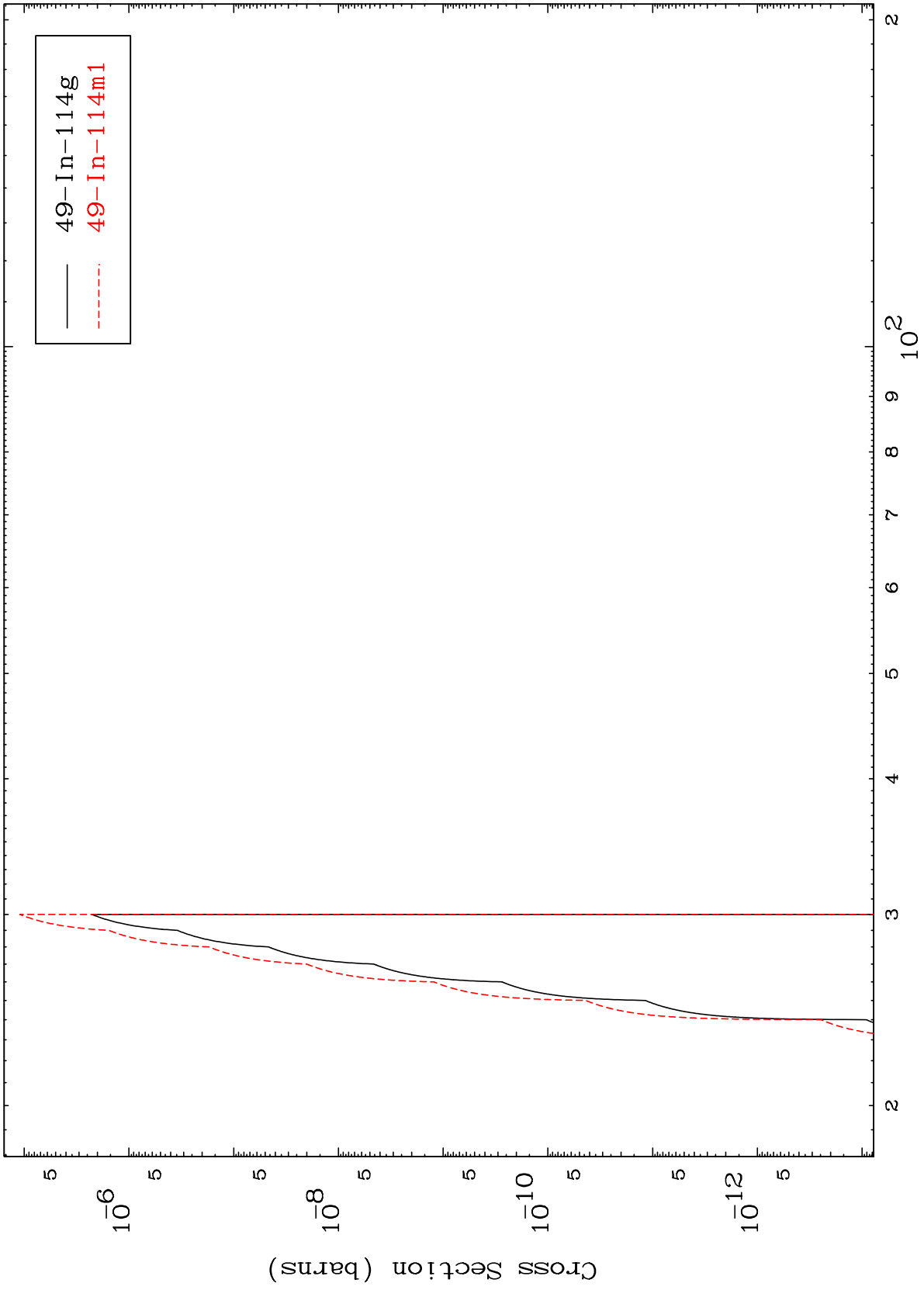


MAT 5122

(n,3n)  $\alpha$

51-Sb-120

Radionuclide Production Cross Section



130

Incident Energy (MeV)

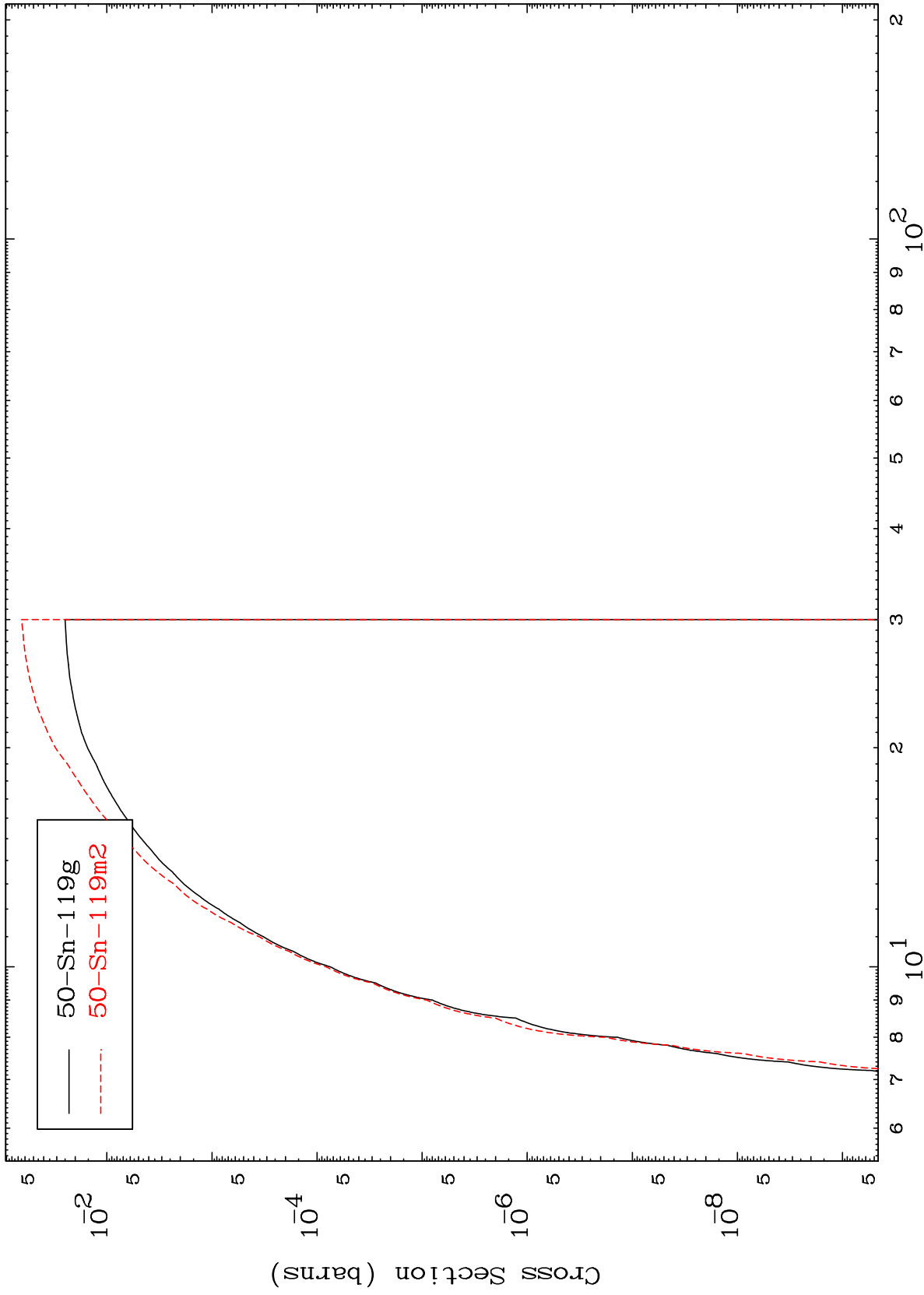
51-Sb-120

MAT 5122

(n,n') p

51-Sb-120

Radionuclide Production Cross Section



131

Incident Energy (MeV)

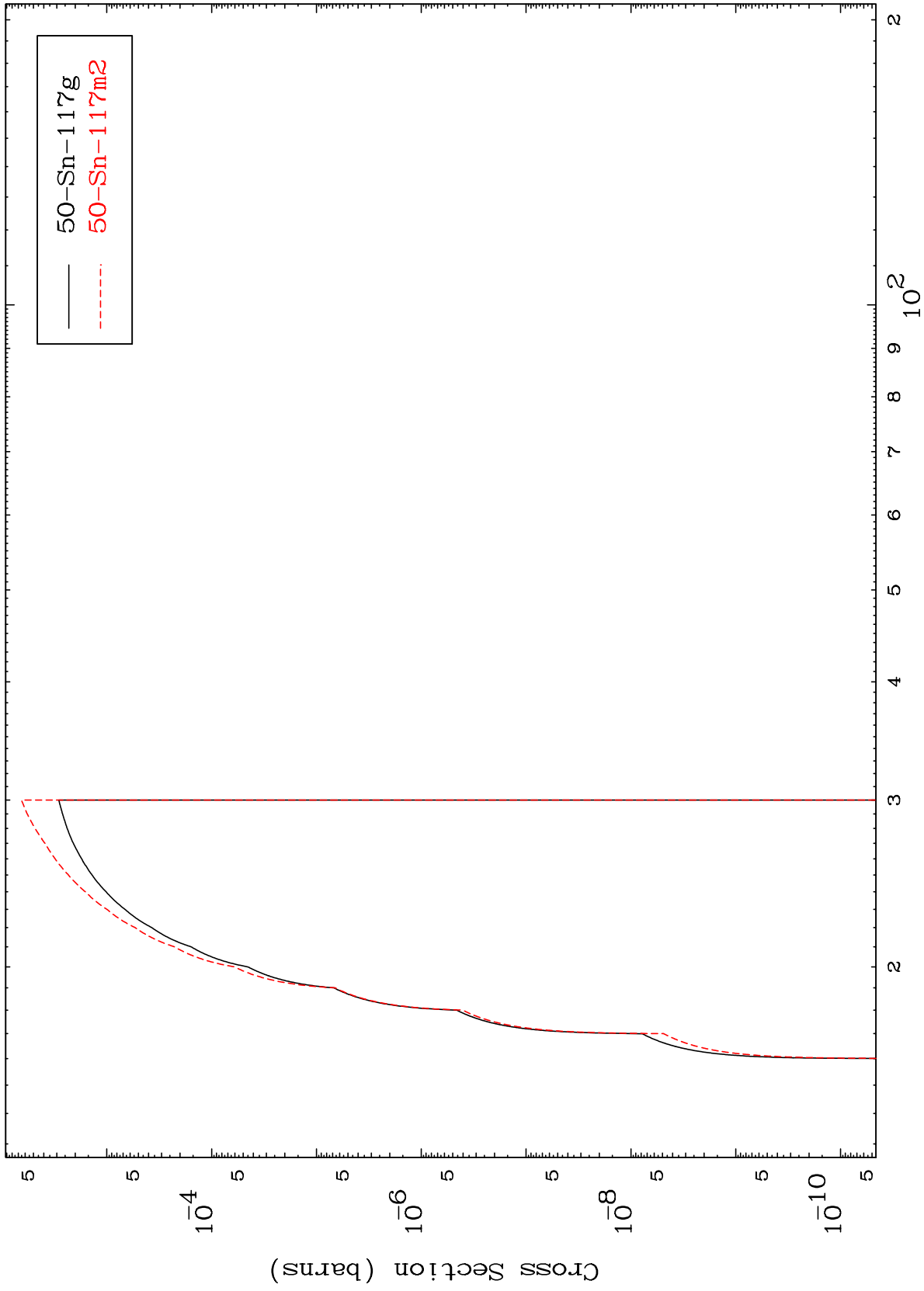
51-Sb-120

MAT 5122

(n,n') t

51-Sb-120

Radionuclide Production Cross Section

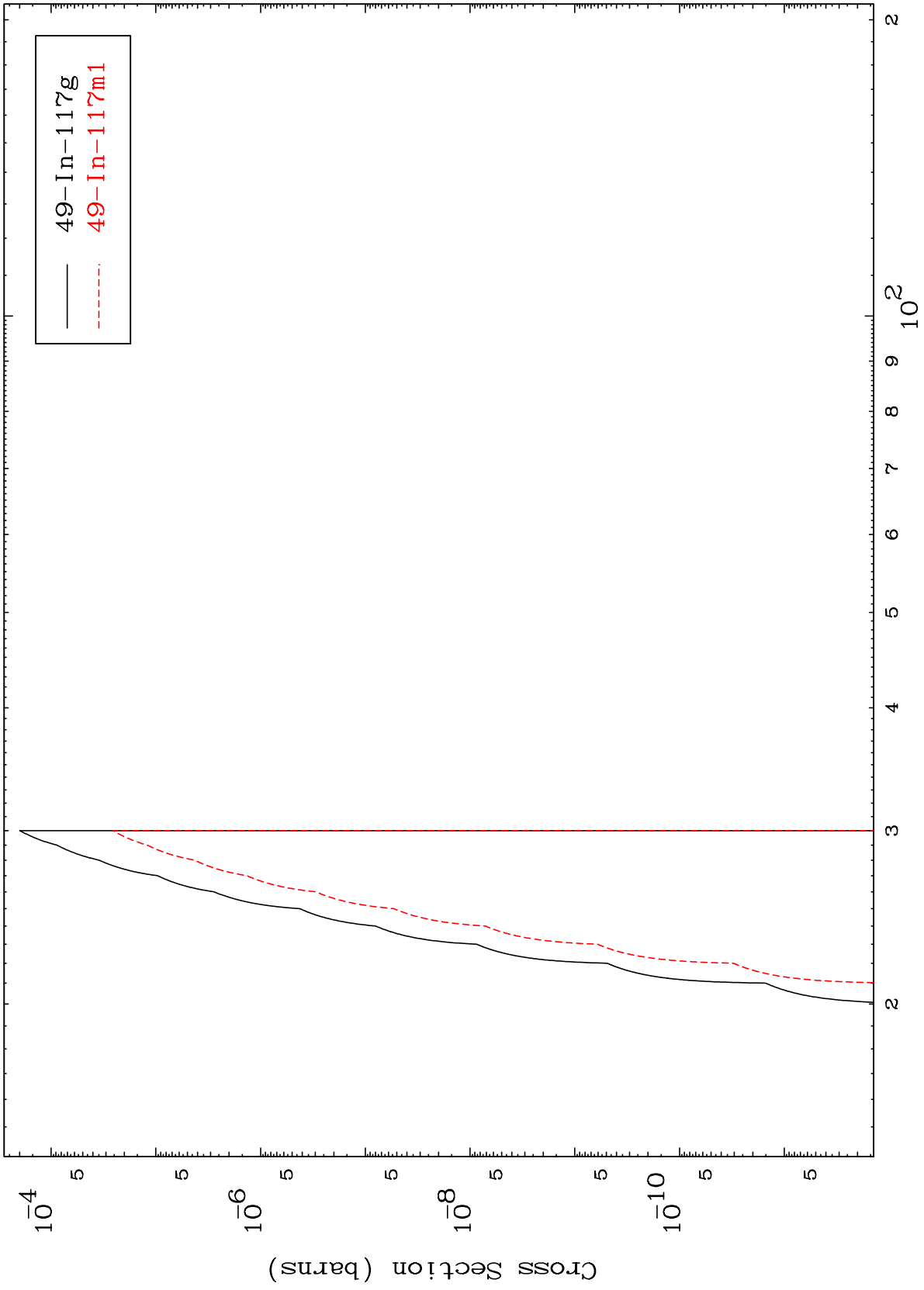


132

Incident Energy (MeV)

51-Sb-120

Radionuclide Production Cross Section

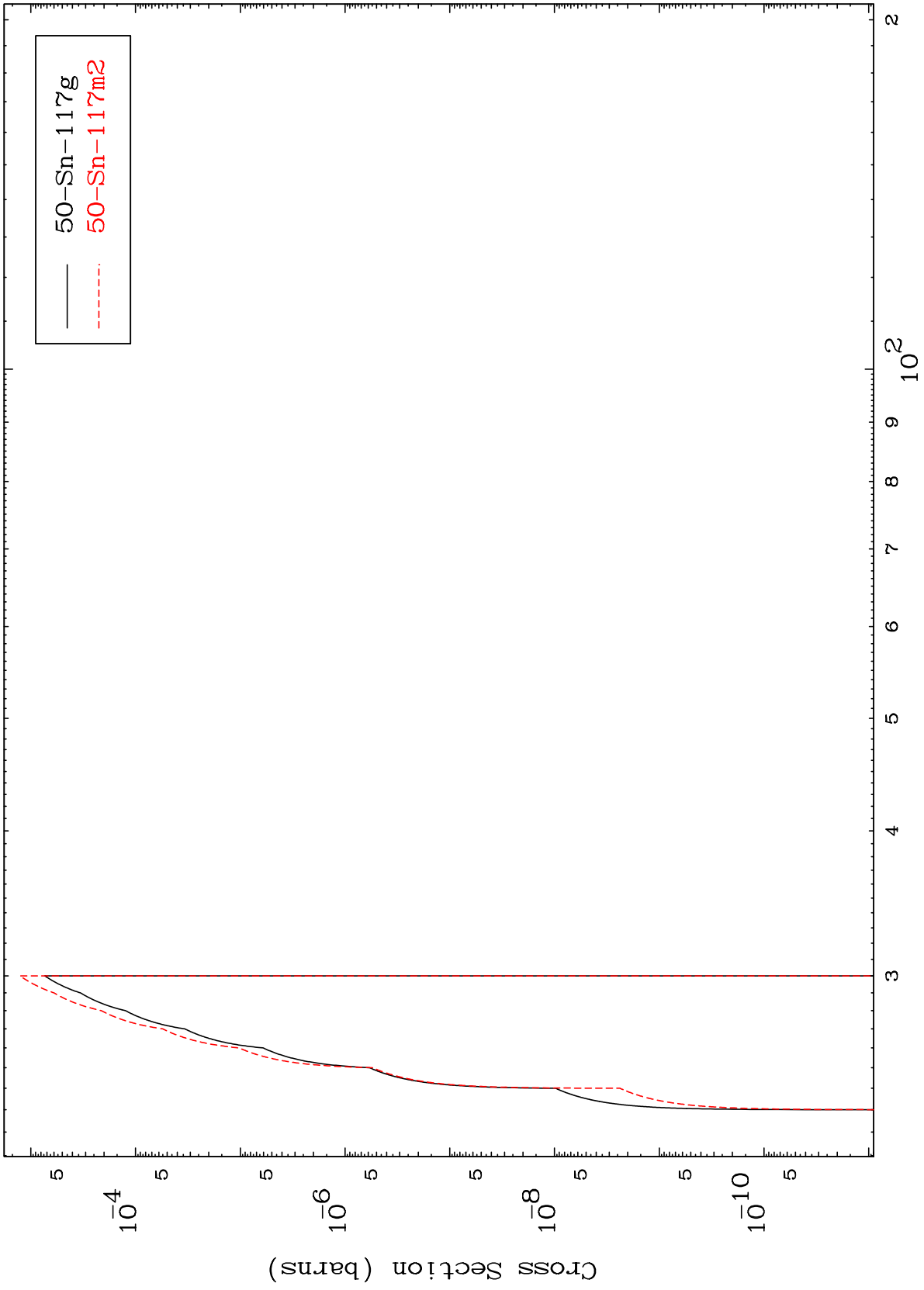


MAT 5122

(n,3n) p

51-Sb-120

Radionuclide Production Cross Section



134

Incident Energy (MeV)

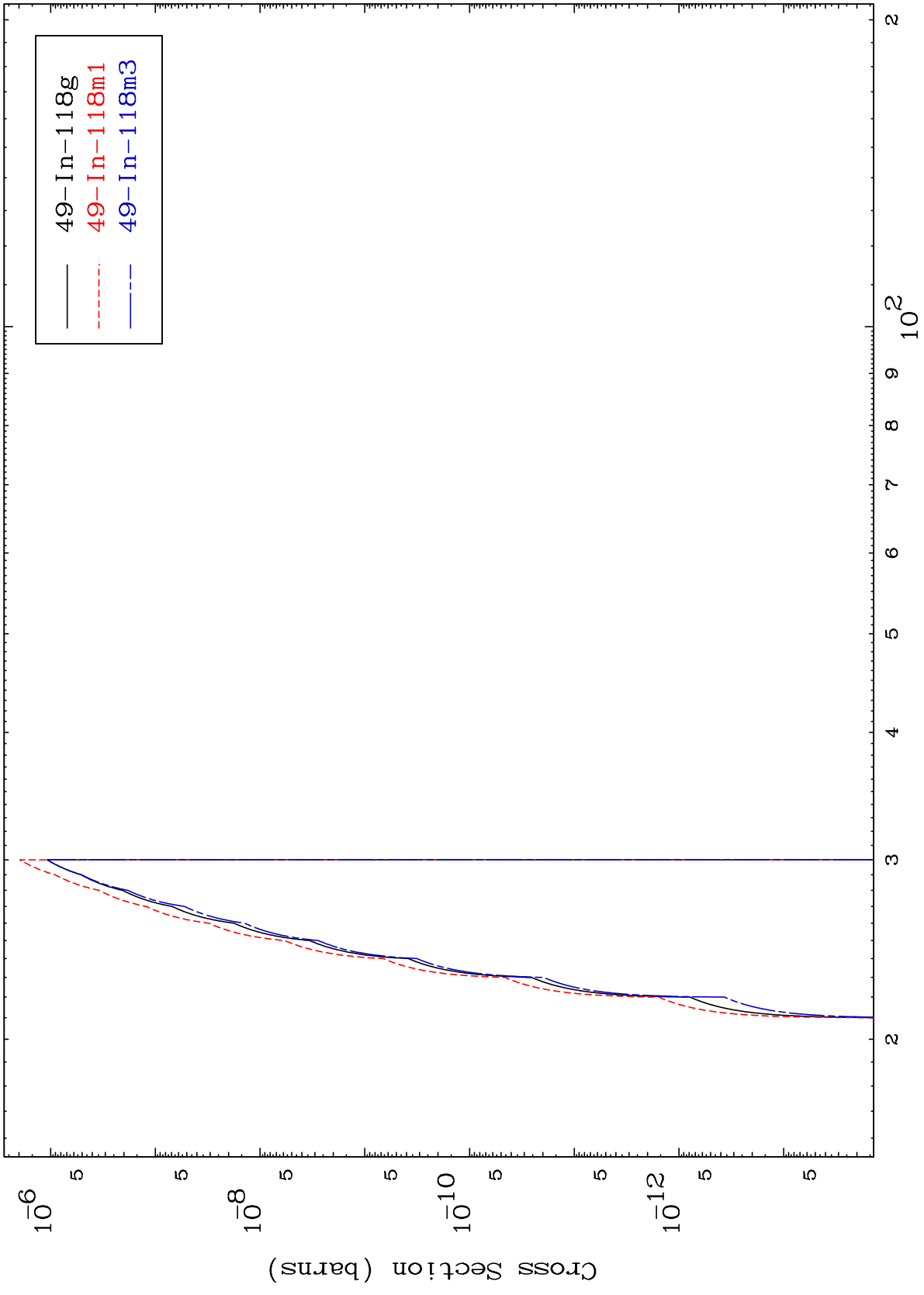
51-Sb-120

MAT 5122

(n,2n) p

51-Sb-120

Radionuclide Production Cross Section



135

Incident Energy (MeV)

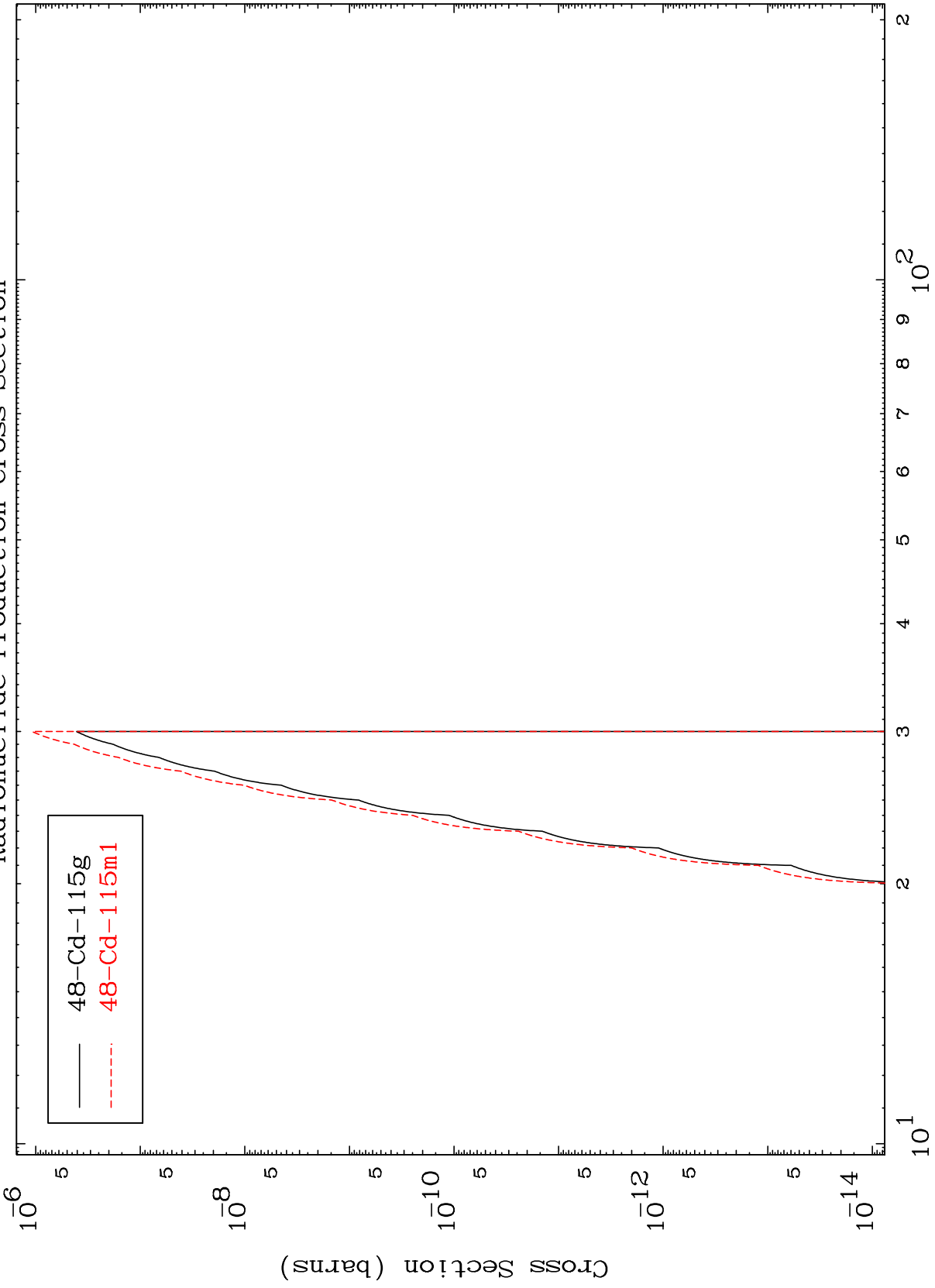
51-Sb-120



MAT 5122

51-Sb-120

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



136

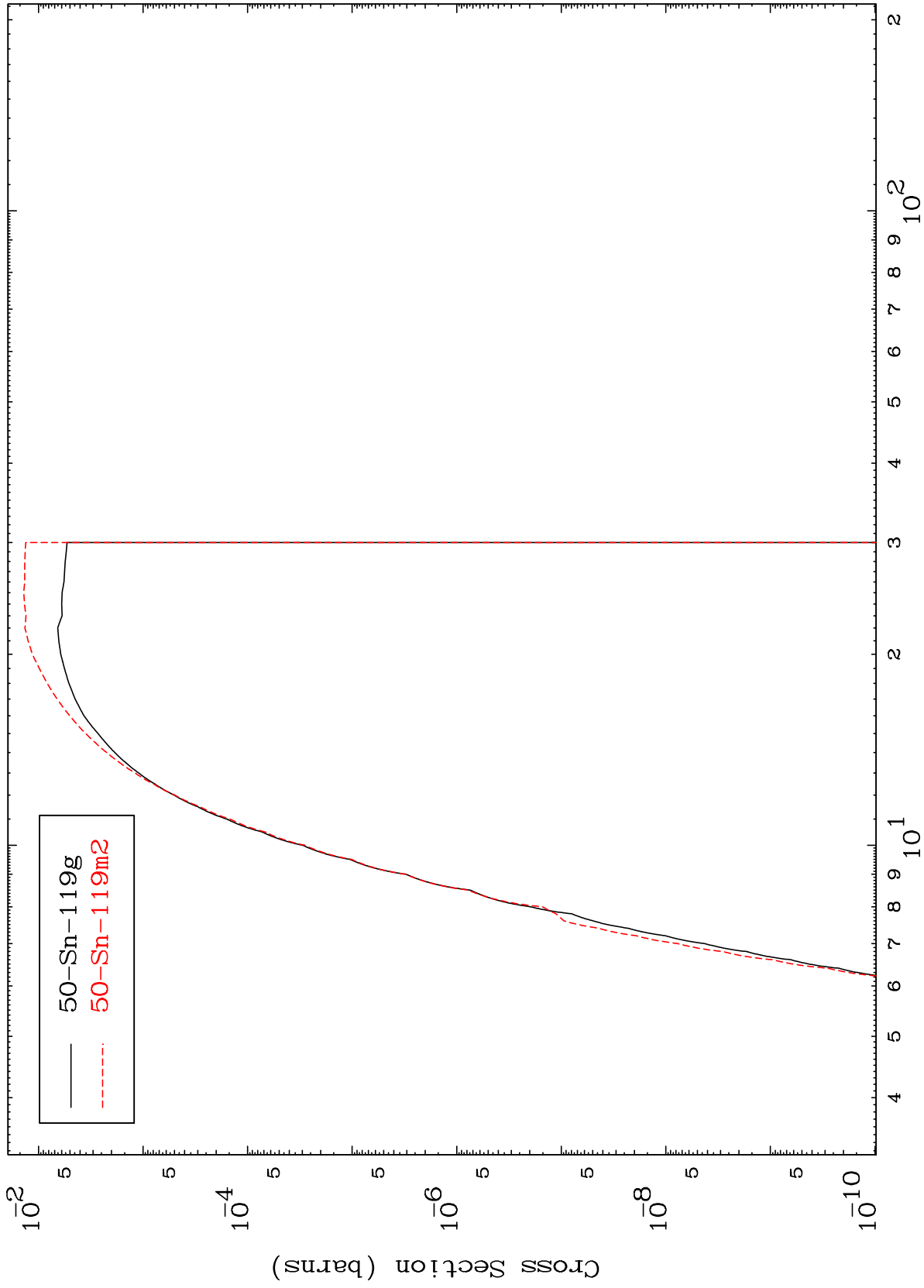
Incident Energy (MeV)

51-Sb-120

MAT 5122

51-Sb-120

(n,d)  
Radionuclide Production Cross Section



137

Incident Energy (MeV)

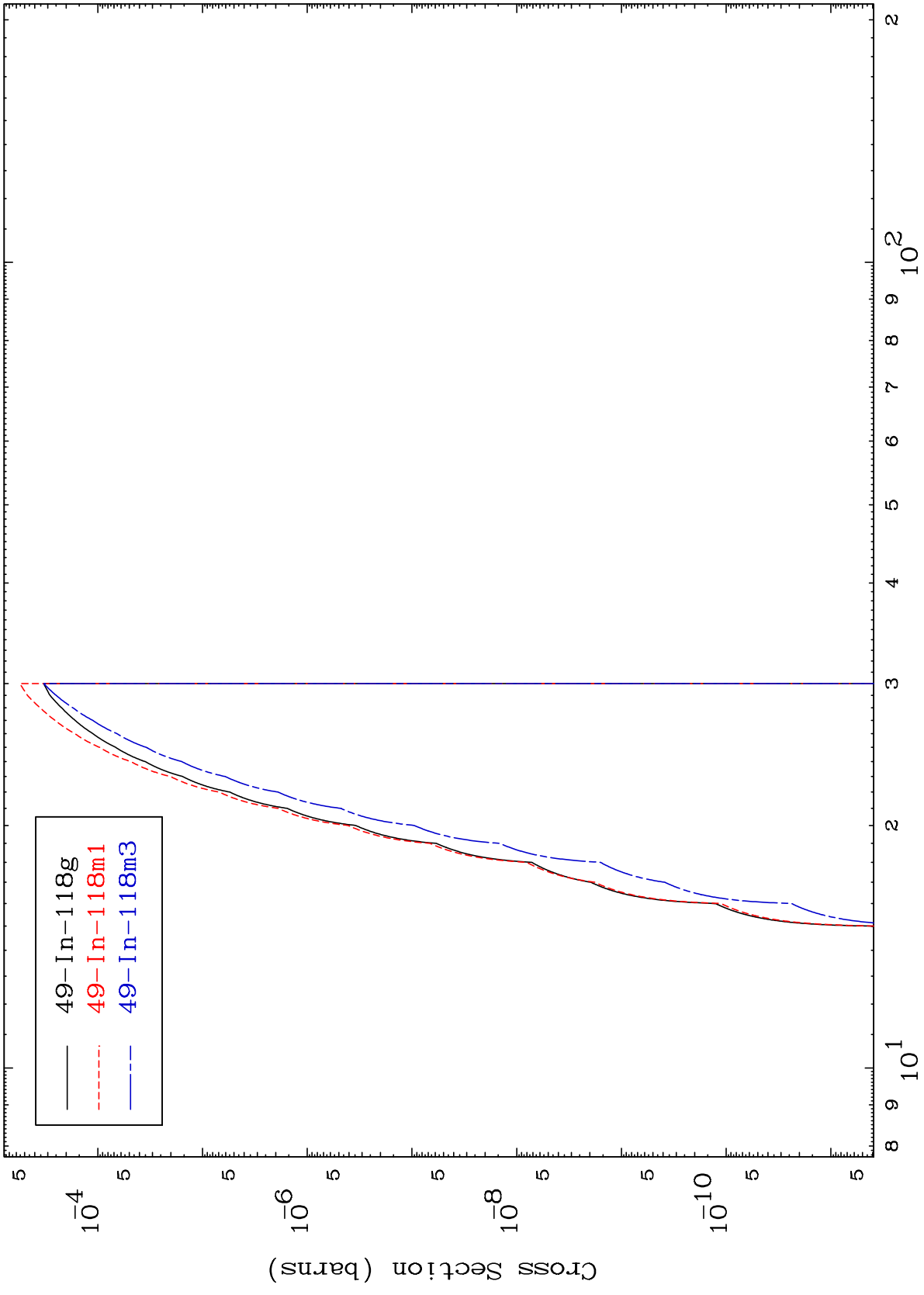
51-Sb-120

MAT 5122

(n,He-3)

51-Sb-120

Radionuclide Production Cross Section



49-In-118g  
49-In-118m1  
49-In-118m3

138

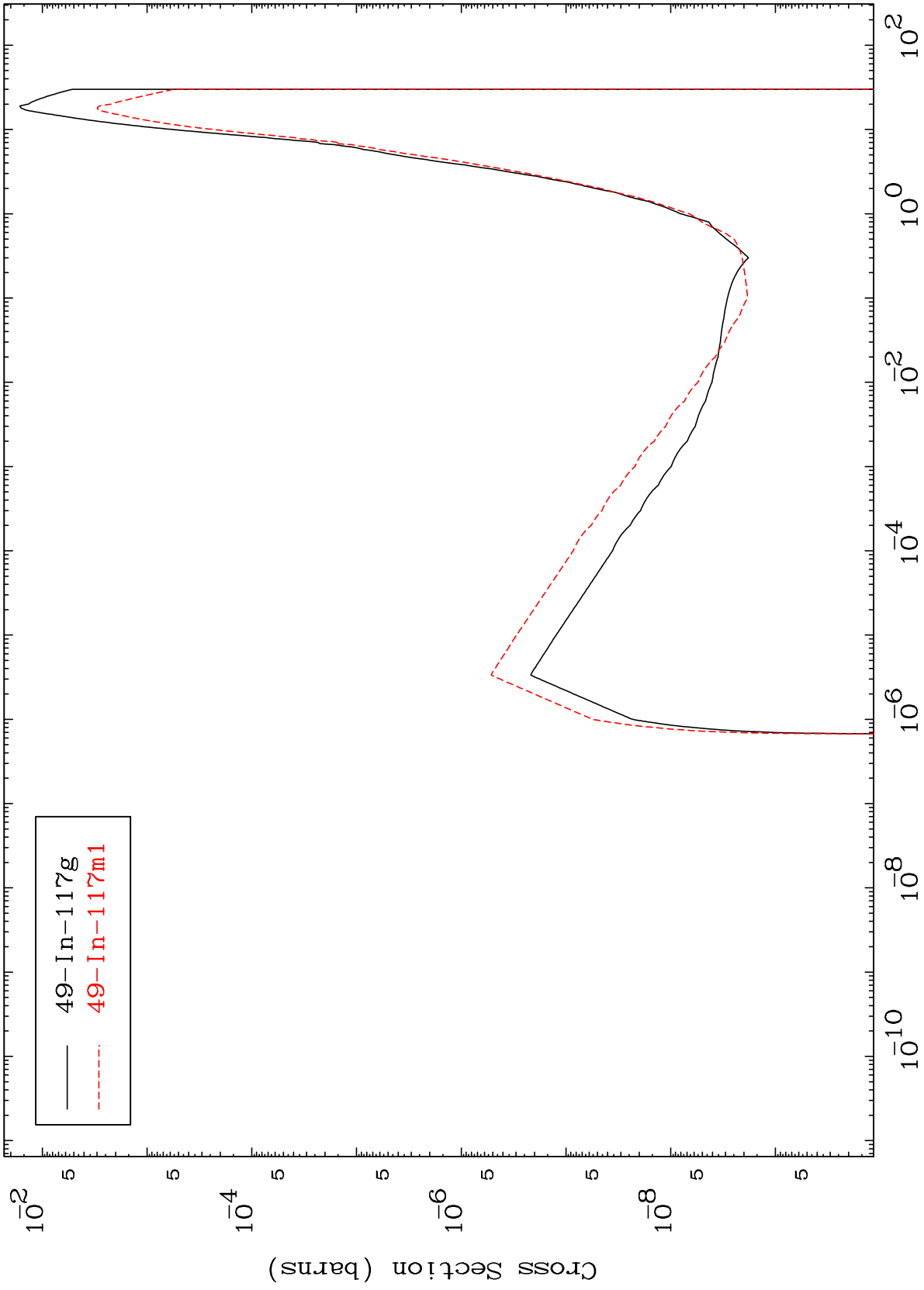
Incident Energy (MeV)

51-Sb-120

MAT 5122

(n,α)  
Radionuclide Production Cross Section

51-Sb-120



139

Incident Energy (MeV)

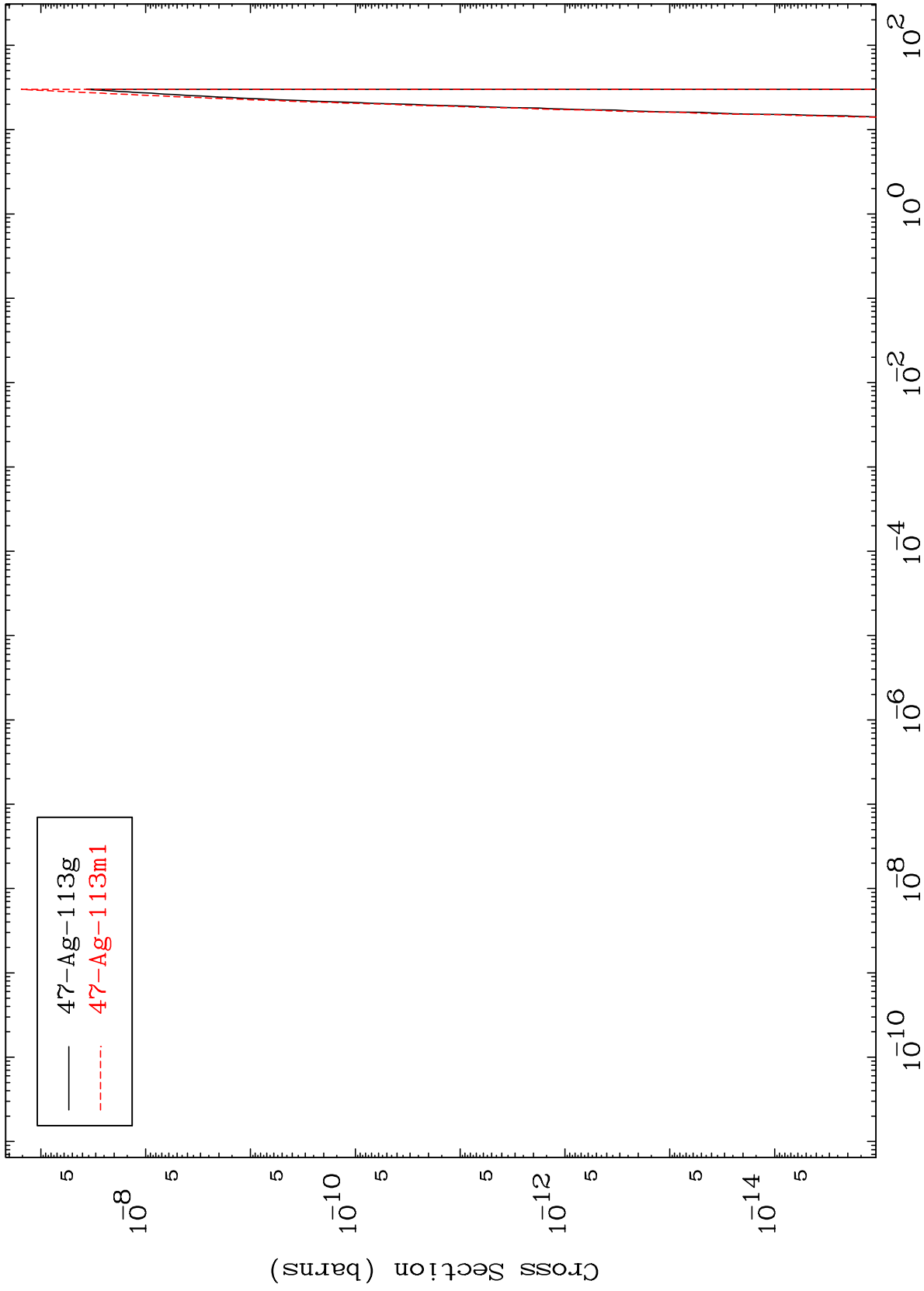
51-Sb-120

MAT 5122

(n,2α)

51-Sb-120

Radionuclide Production Cross Section



140

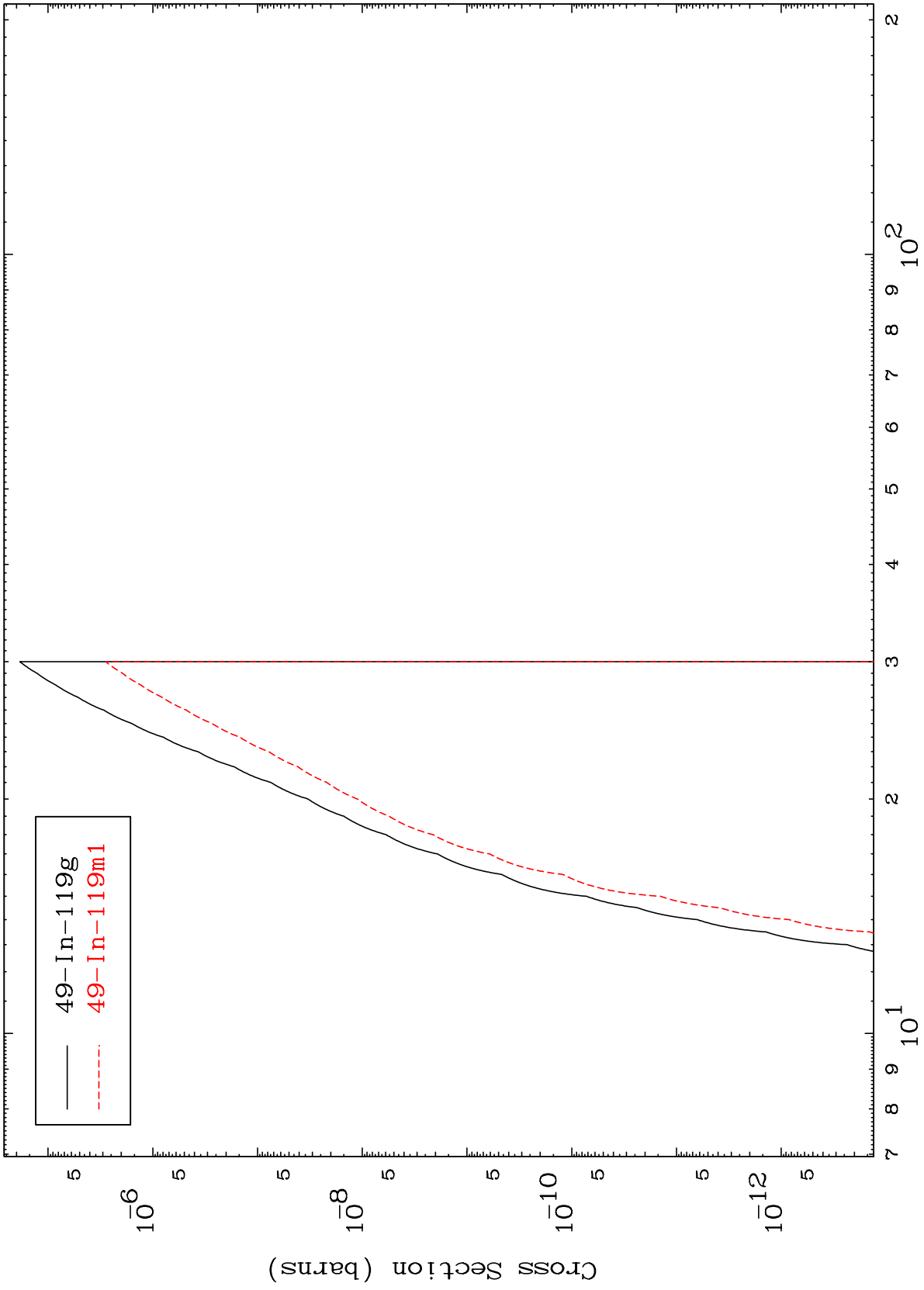
Incident Energy (MeV)

51-Sb-120

MAT 5122

51-Sb-120

(n,2p)  
Radionuclide Production Cross Section



141

Incident Energy (MeV)

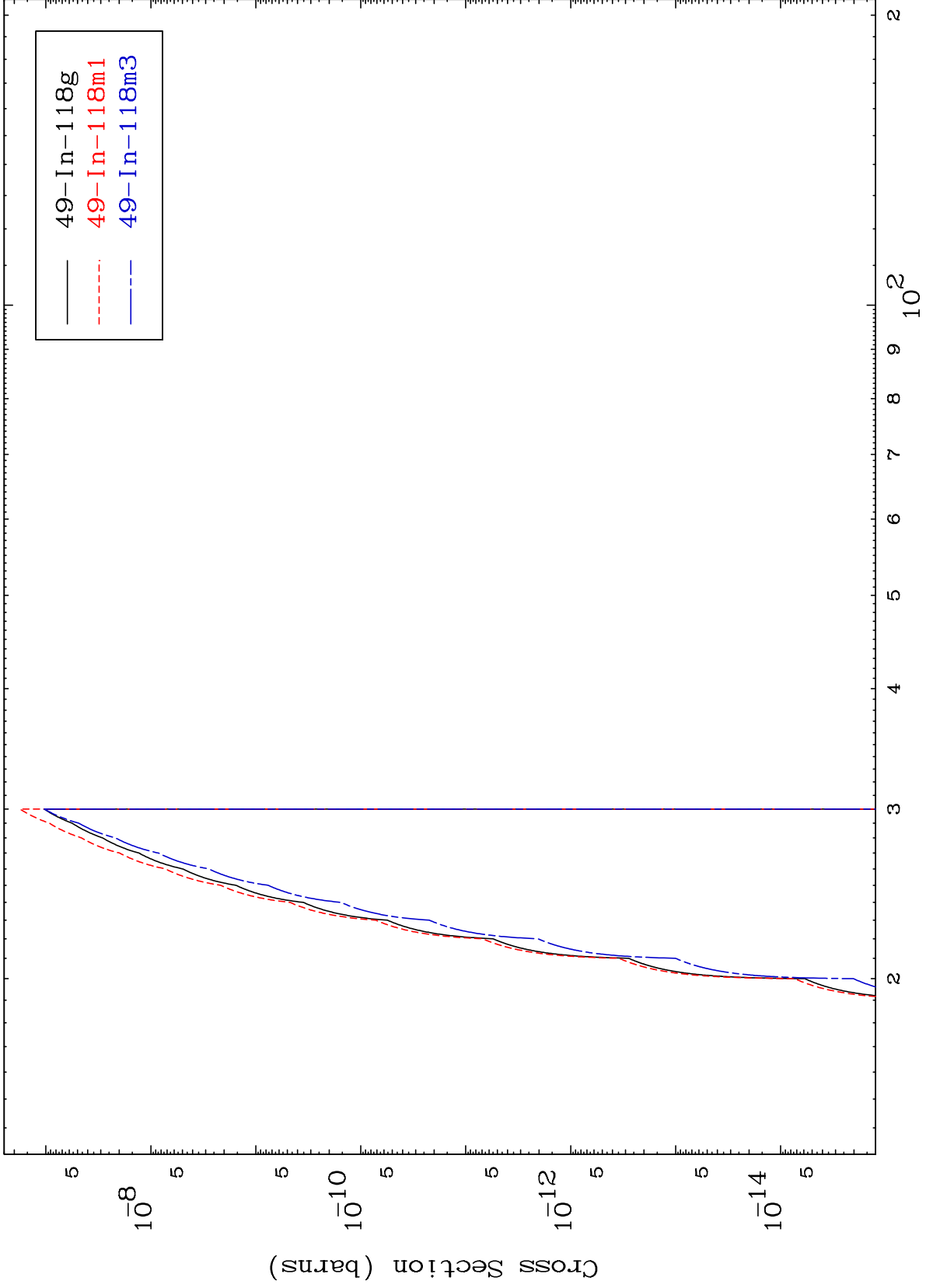
51-Sb-120

MAT 5122

(n,p) d

51-Sb-120

Radionuclide Production Cross Section



142

Incident Energy (MeV)

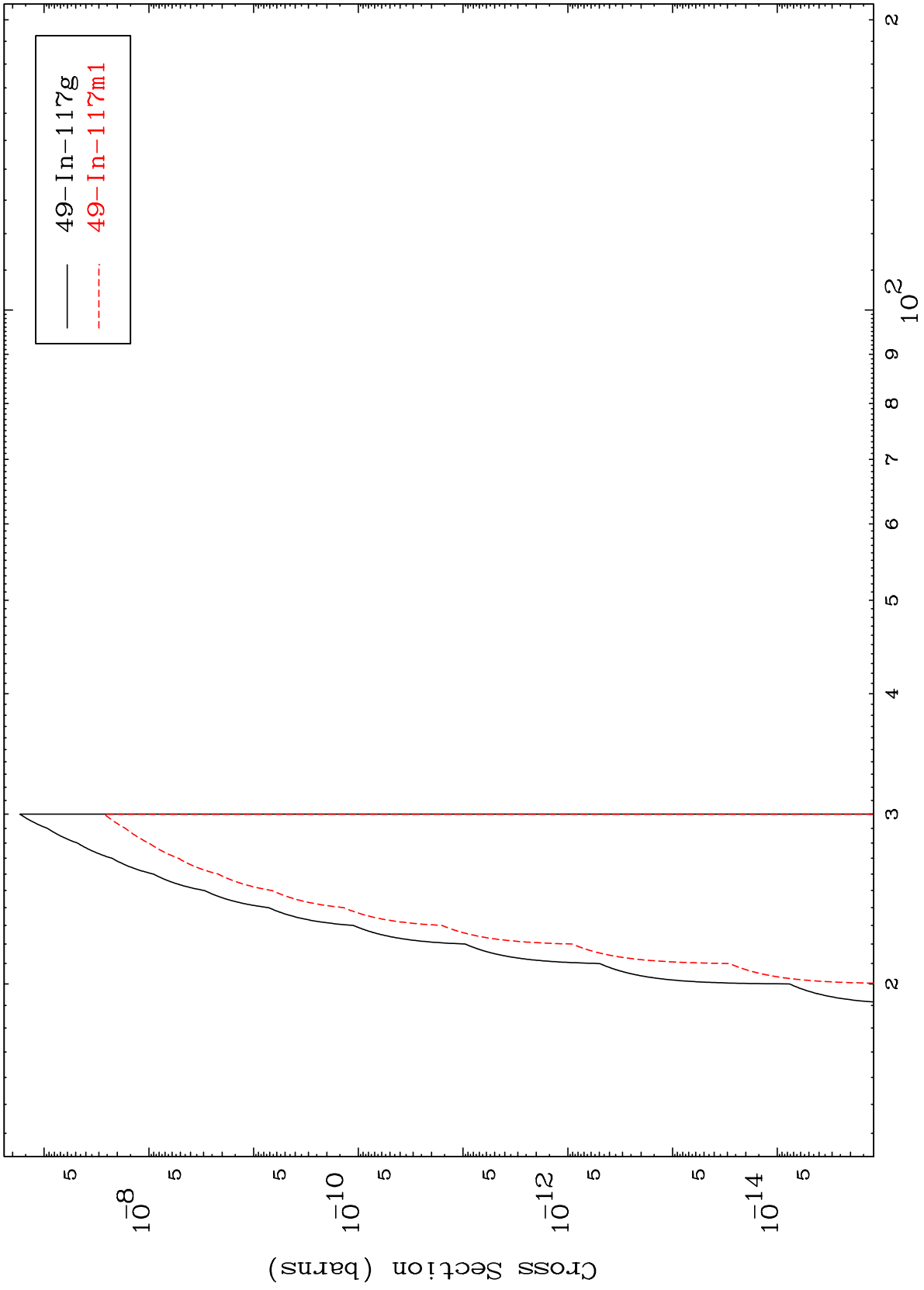
51-Sb-120

MAT 5122

(n,p) t

51-Sb-120

Radionuclide Production Cross Section



143

Incident Energy (MeV)

51-Sb-120

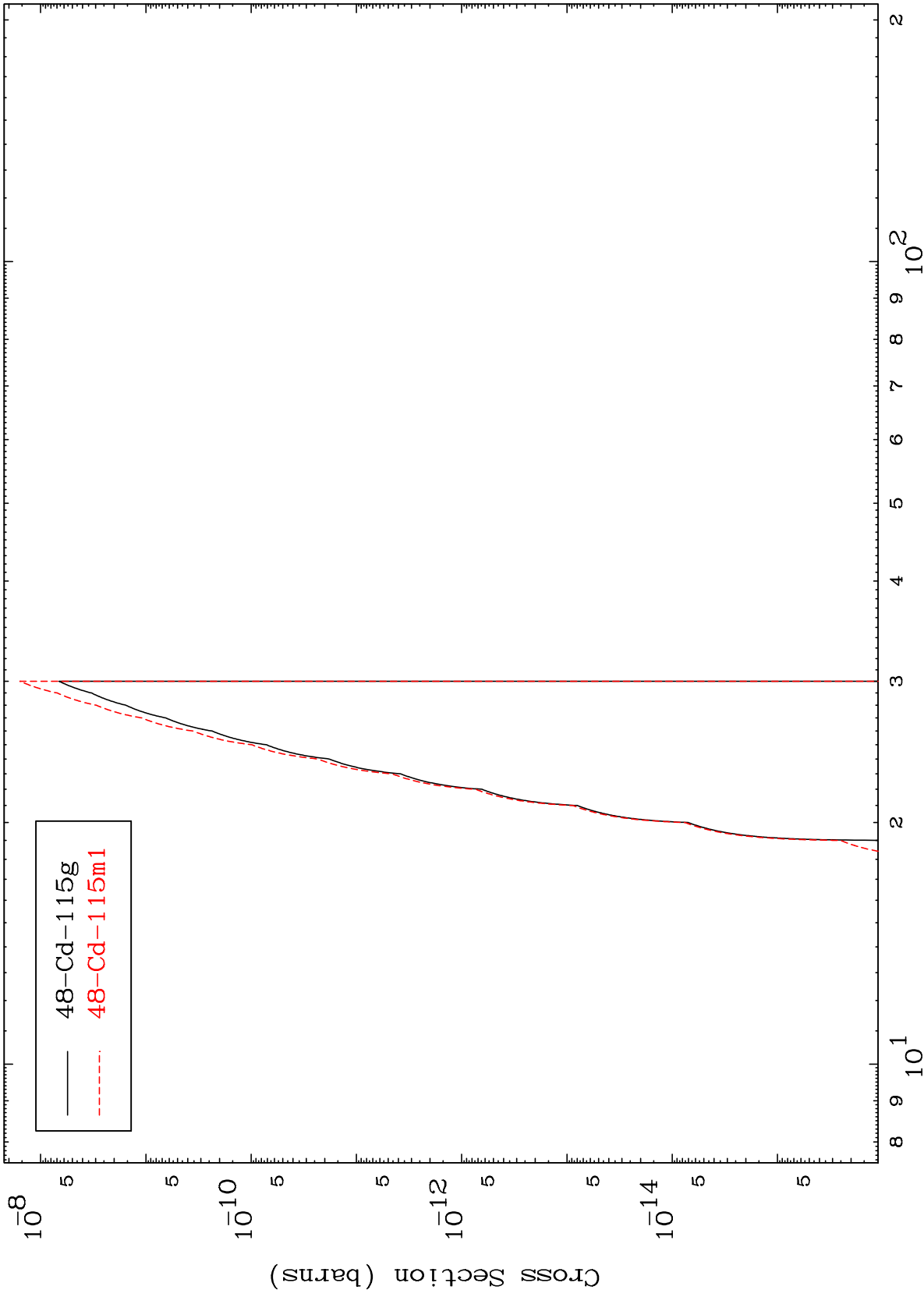


MAT 5122

(n,d)  $\alpha$

51-Sb-120

Radionuclide Production Cross Section



48-Cd-115g  
48-Cd-115m1

144

Incident Energy (MeV)

51-Sb-120