

Program EVALPLOT
(Version 2018-1)

by

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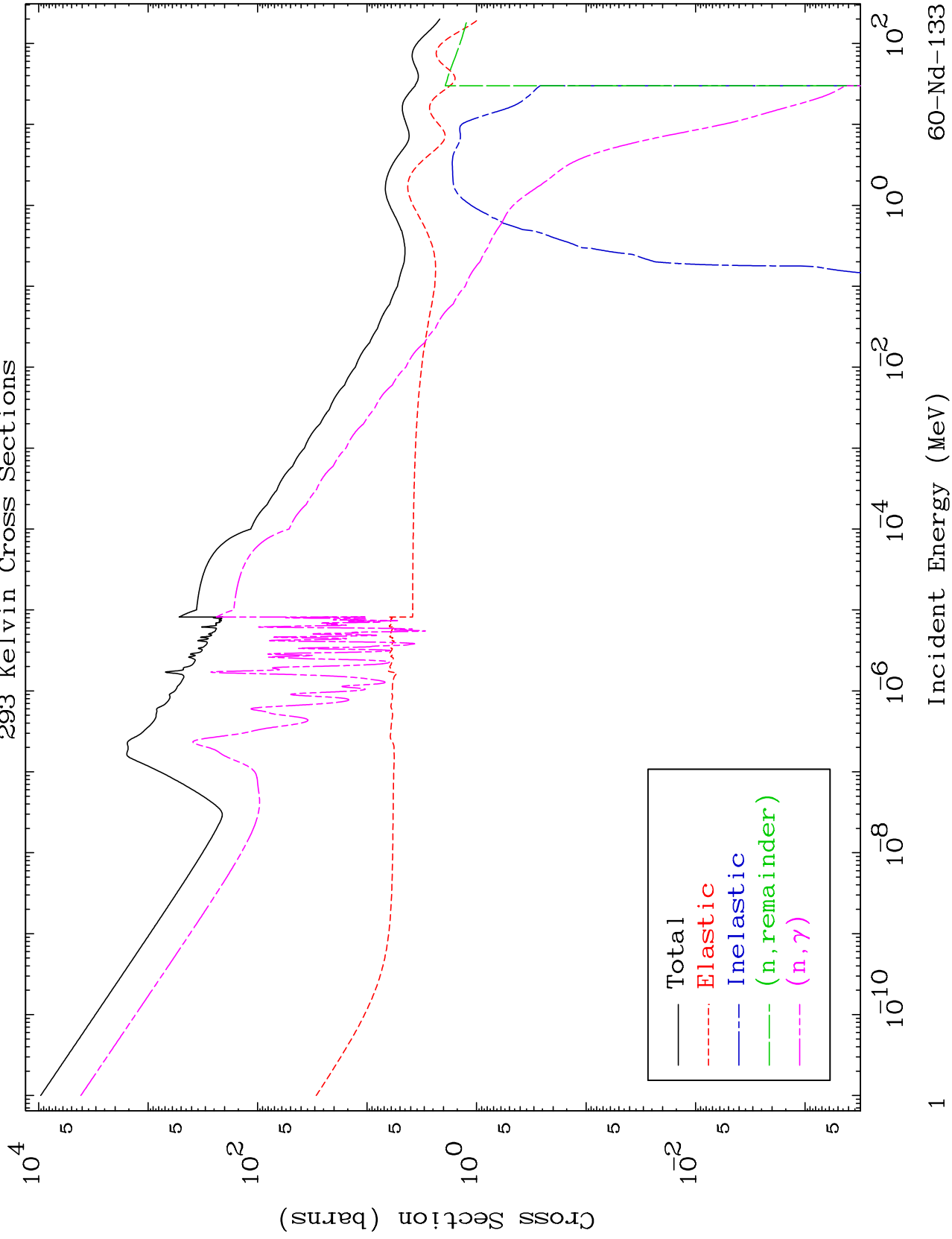
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5998

Major
293 Kelvin Cross Sections

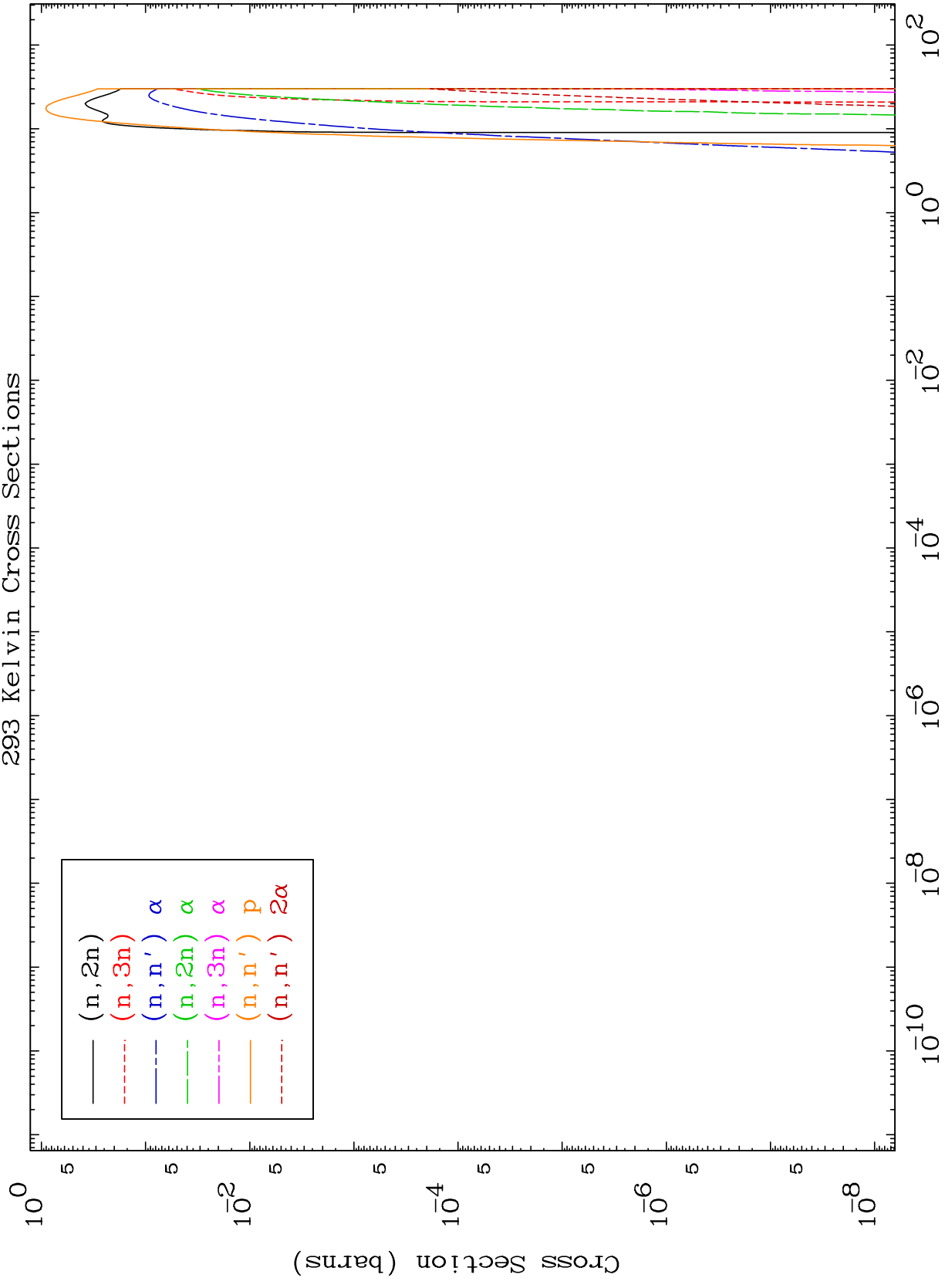
60-Nd-133



MAT 5998

Neutron Production
293 Kelvin Cross Sections

60-Nd-133

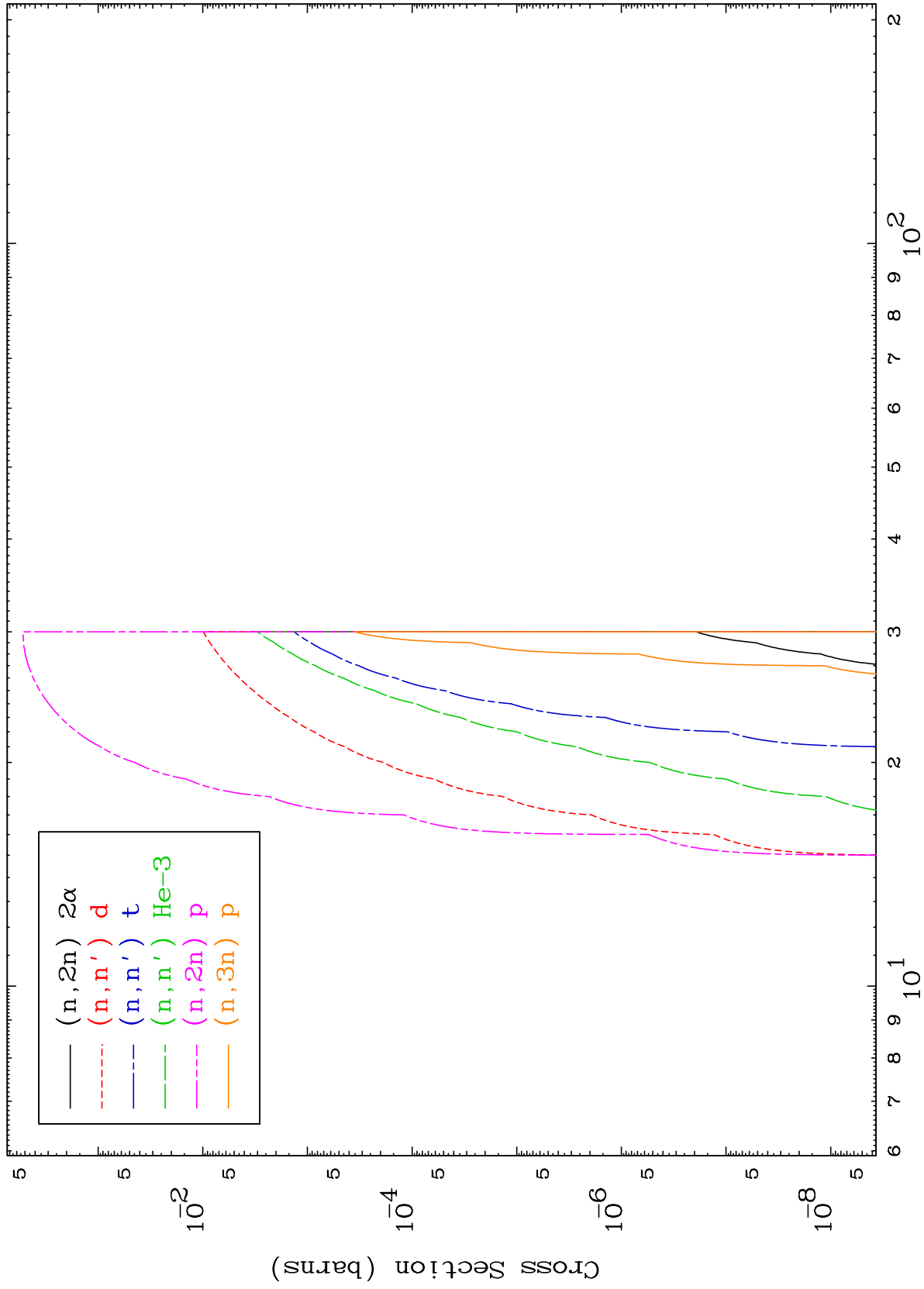


60-Nd-133

MAT 5998

Neutron Production
293 Kelvin Cross Sections

60-Nd-133



3

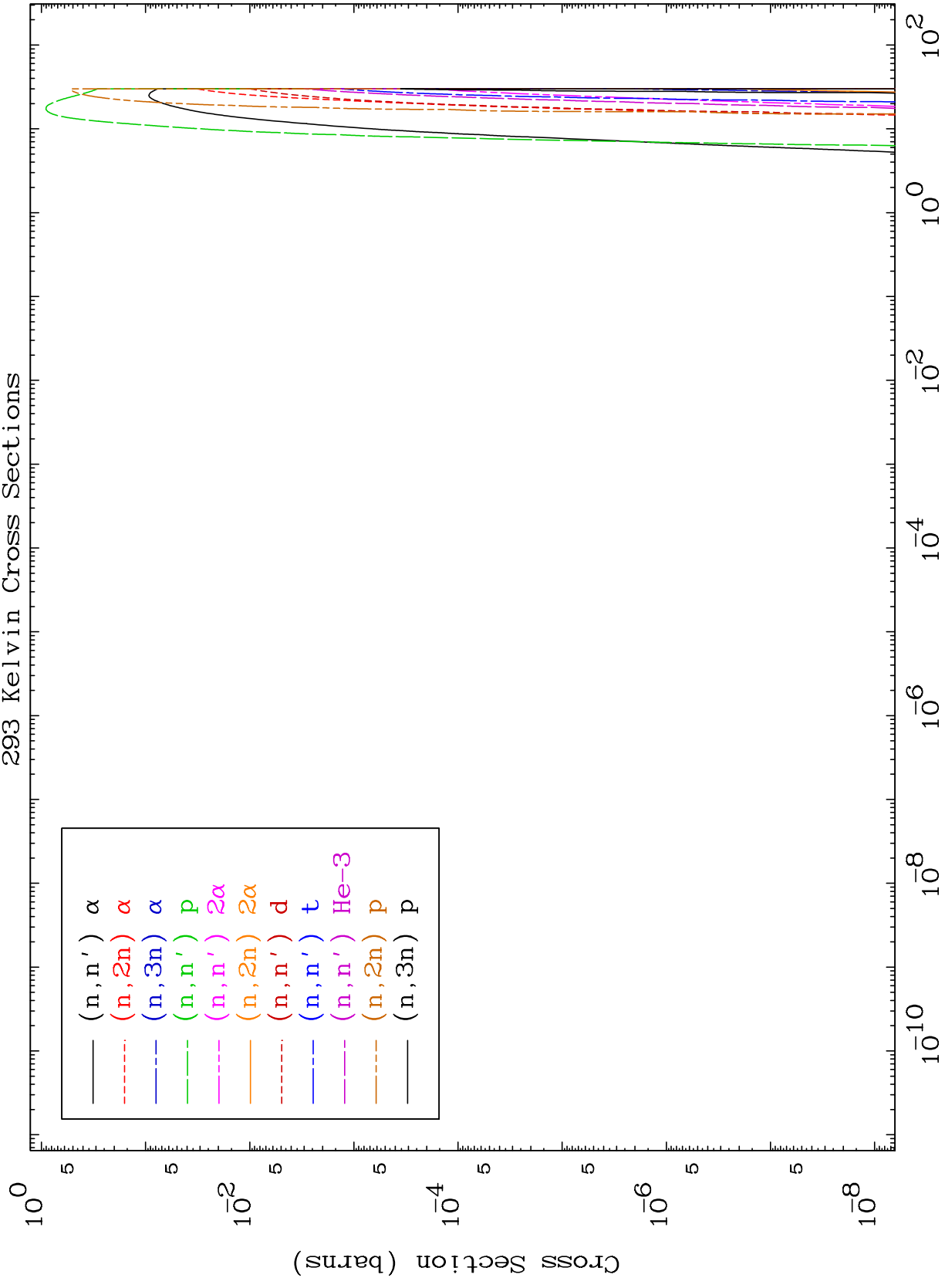
Incident Energy (MeV)

60-Nd-133

MAT 5998

Charged Particle
293 Kelvin Cross Sections

60-Nd-133

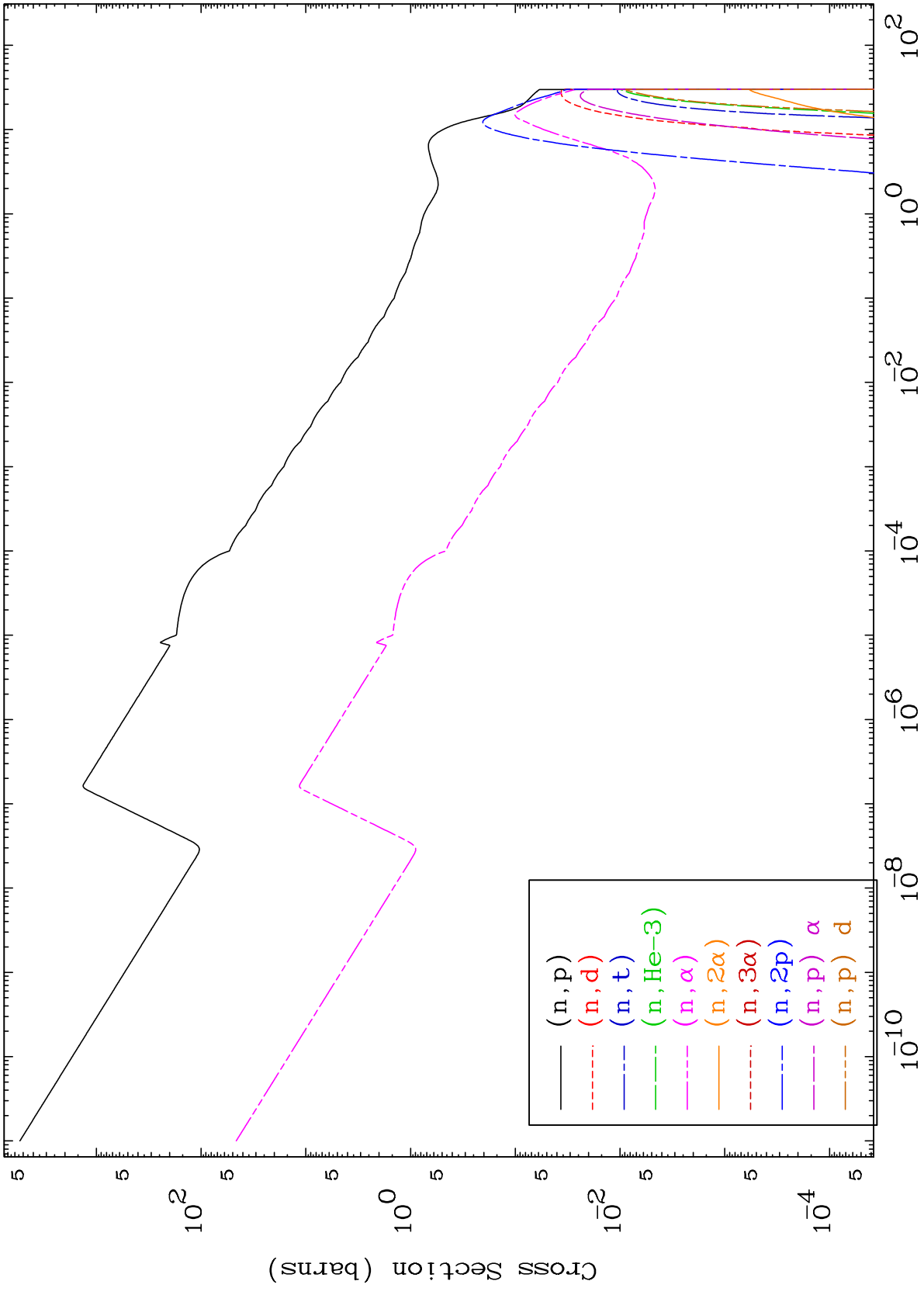


60-Nd-133

MAT 5998

293 Charged Particle
Kelvin Cross Sections

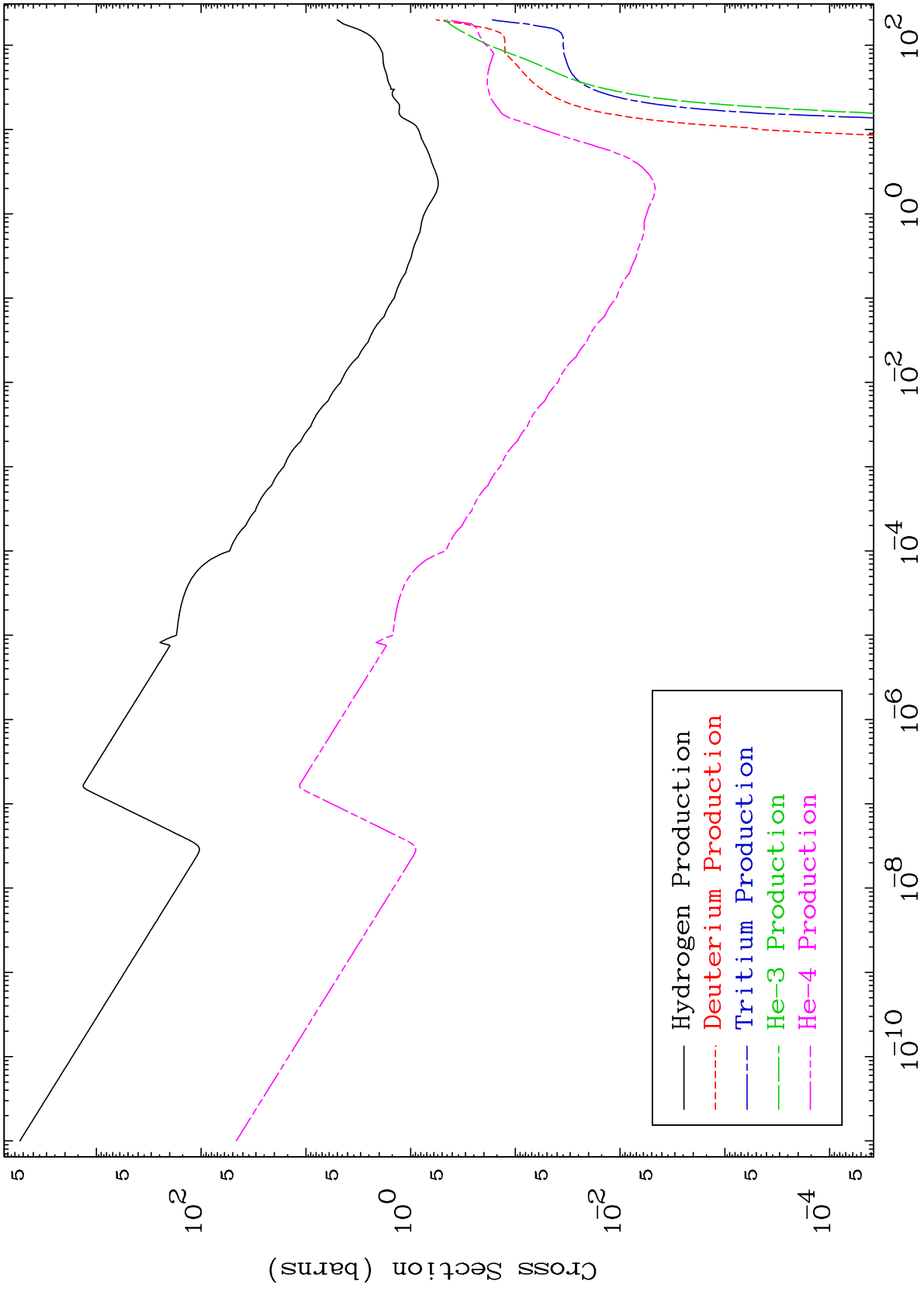
60-Nd-133



MAT 5998

Particle Production
293 Kelvin Cross Sections

60-Nd-133

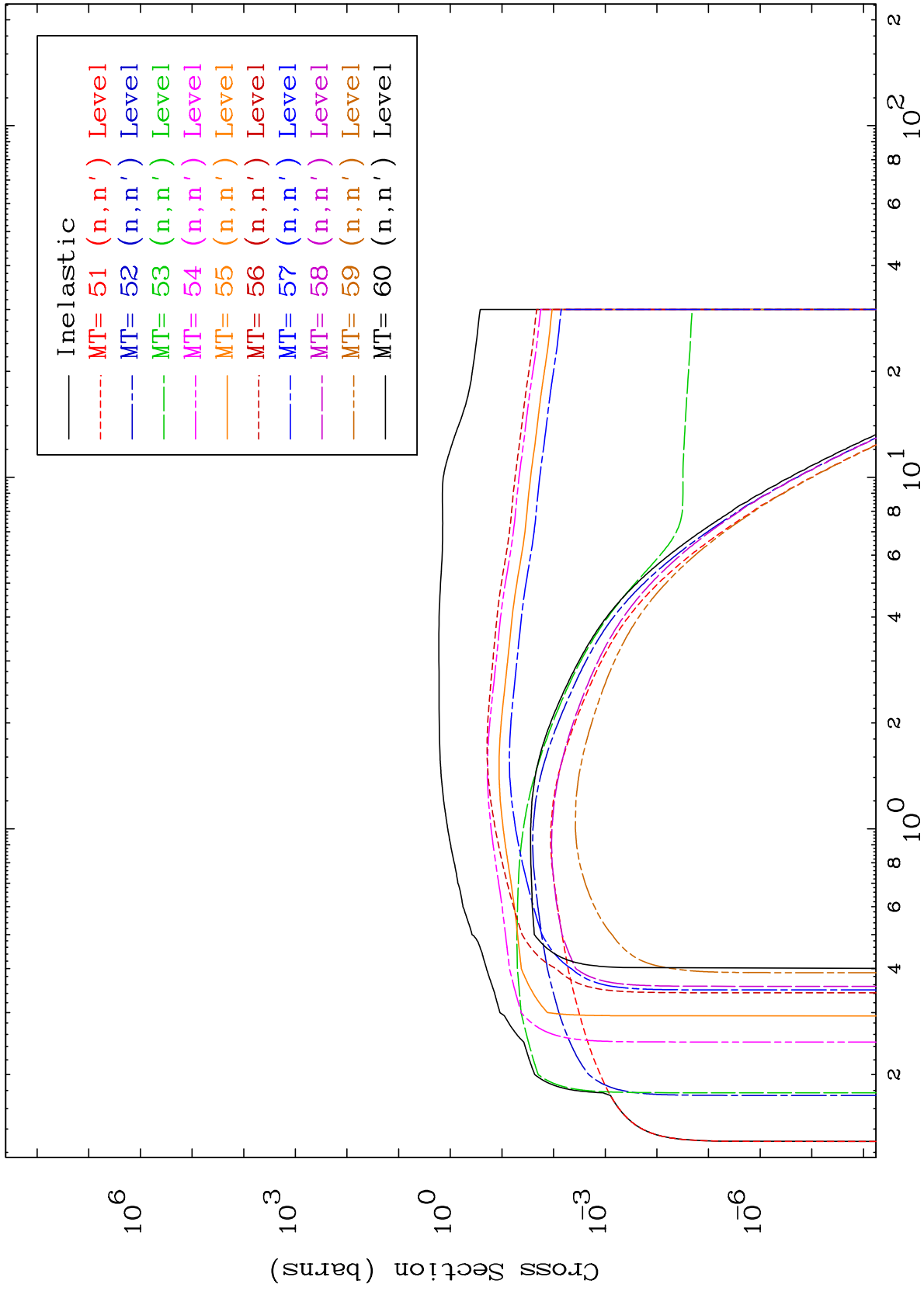


MAT 5998

(n,n') Level

60-Nd-133

293 Kelvin Cross Sections



7

Incident Energy (MeV)

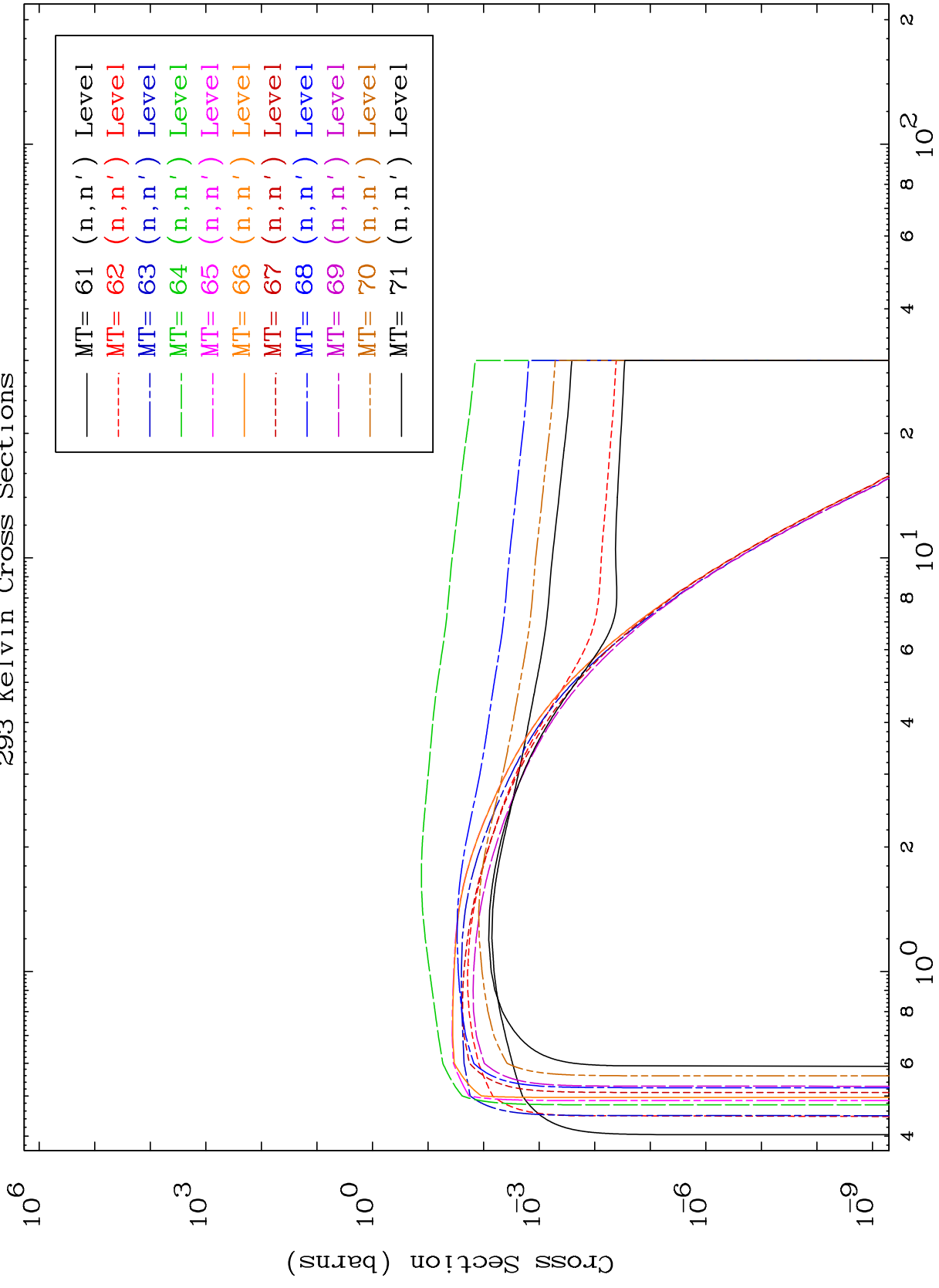
60-Nd-133

MAT 5998

(n,n') Level

60-Nd-133

293 Kelvin Cross Sections



8

Incident Energy (MeV)

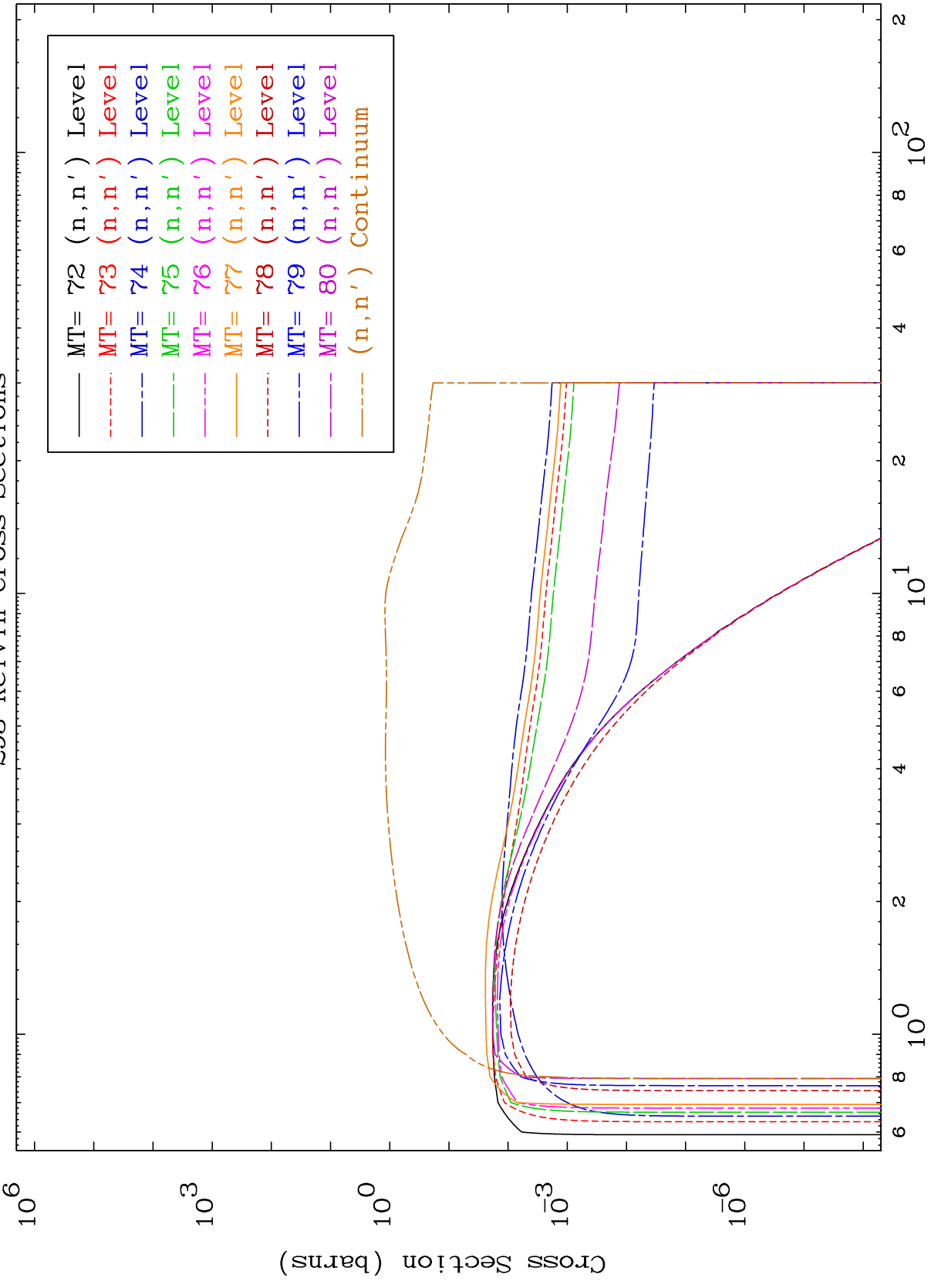
60-Nd-133

MAT 5998

(n,n') Level

60-Nd-133

293 Kelvin Cross Sections



9

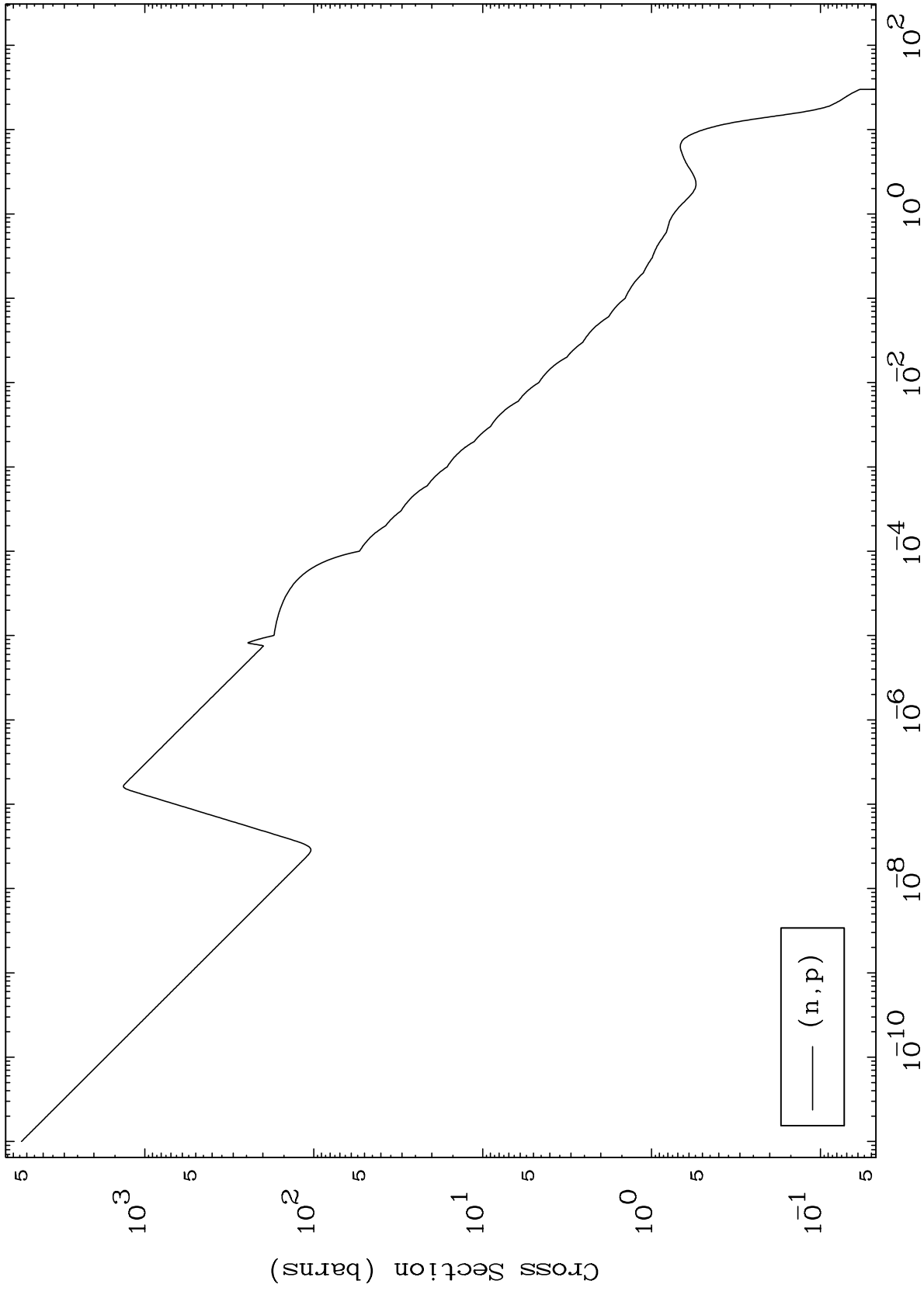
Incident Energy (MeV)

60-Nd-133

MAT 5998

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-133



10

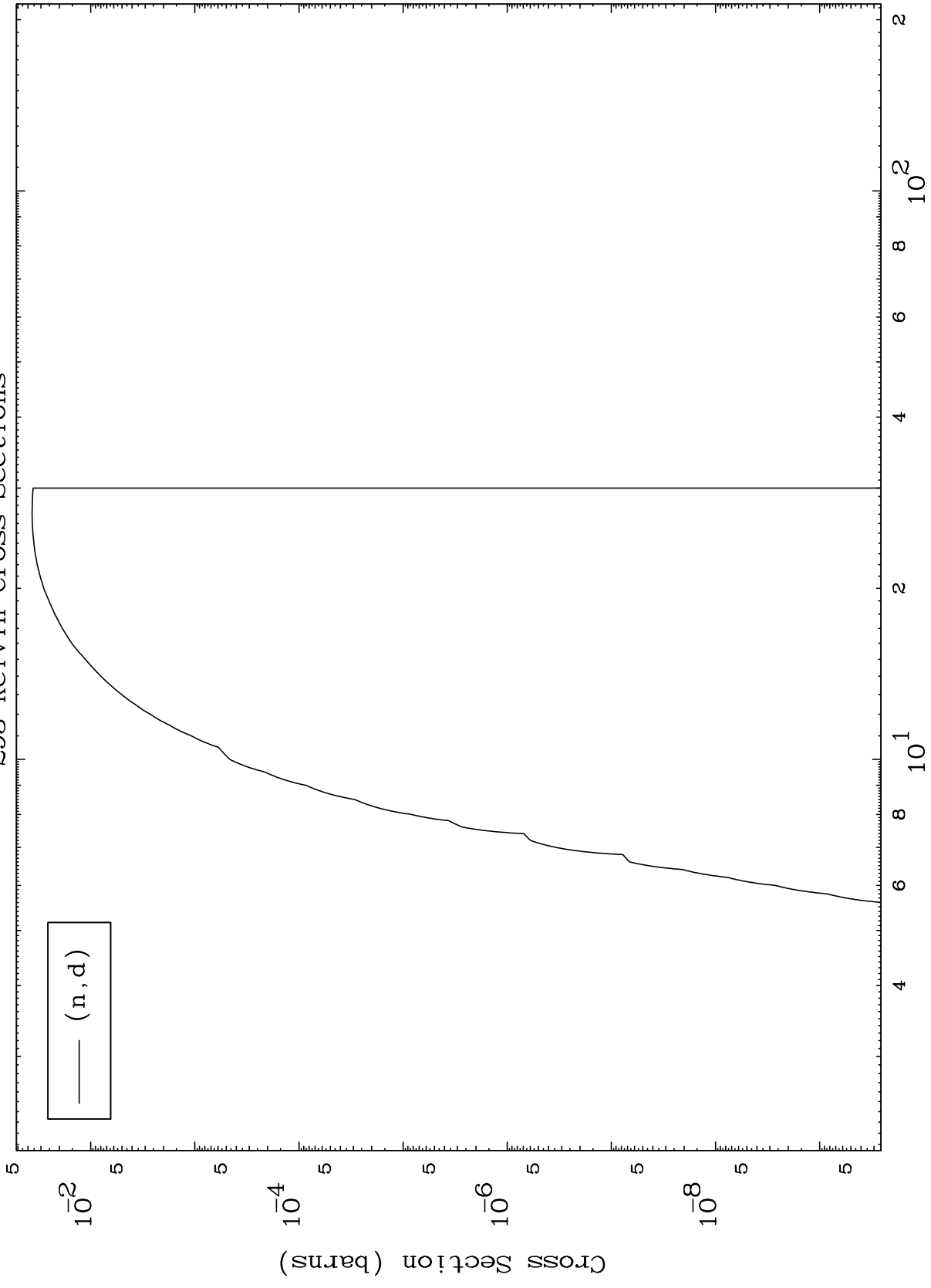
Incident Energy (MeV)

60-Nd-133

MAT 5998

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-133



11

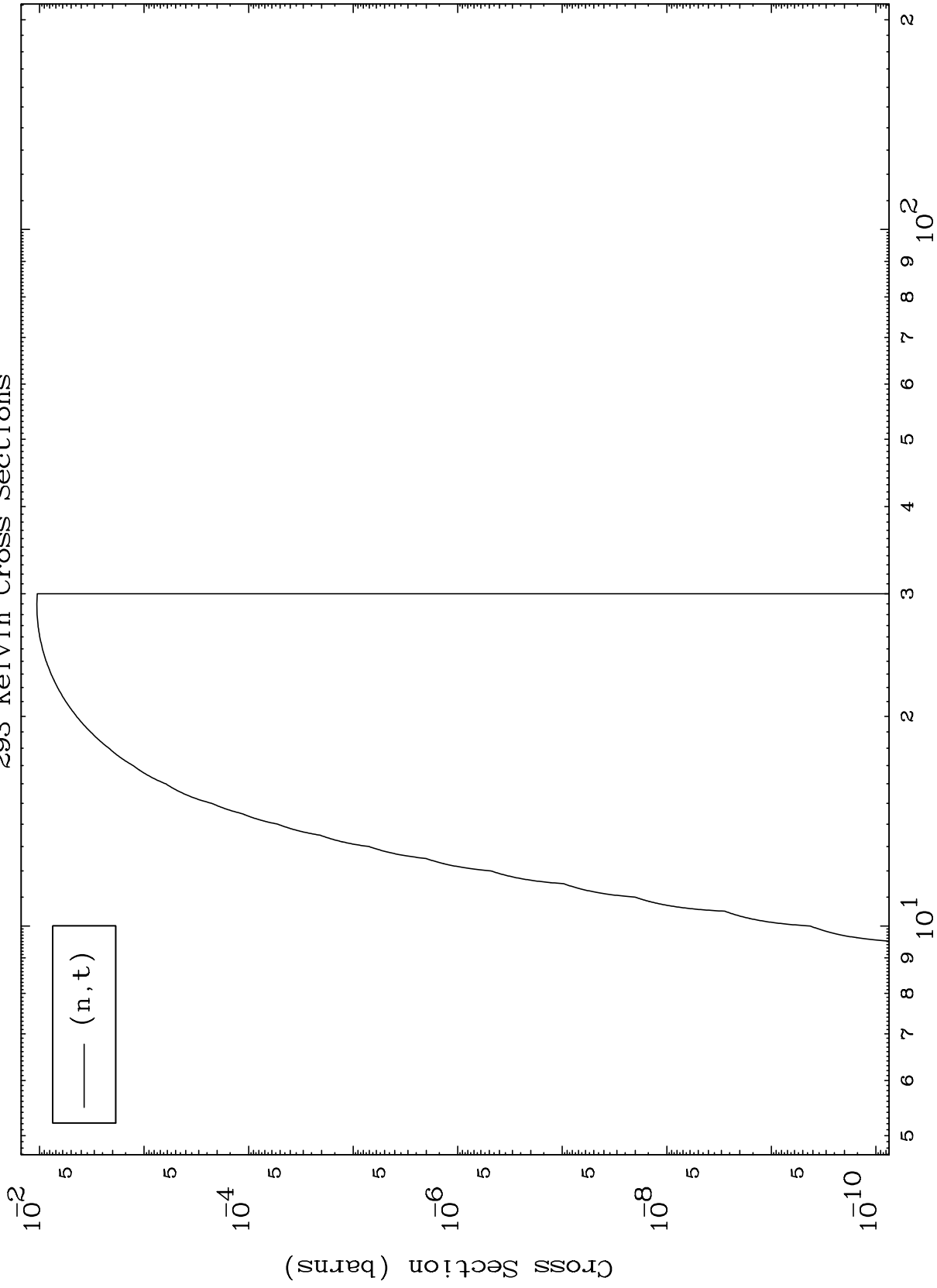
Incident Energy (MeV)

60-Nd-133

MAT 5998

60-Nd-133

(n,t) Levels
293 Kelvin Cross Sections



12

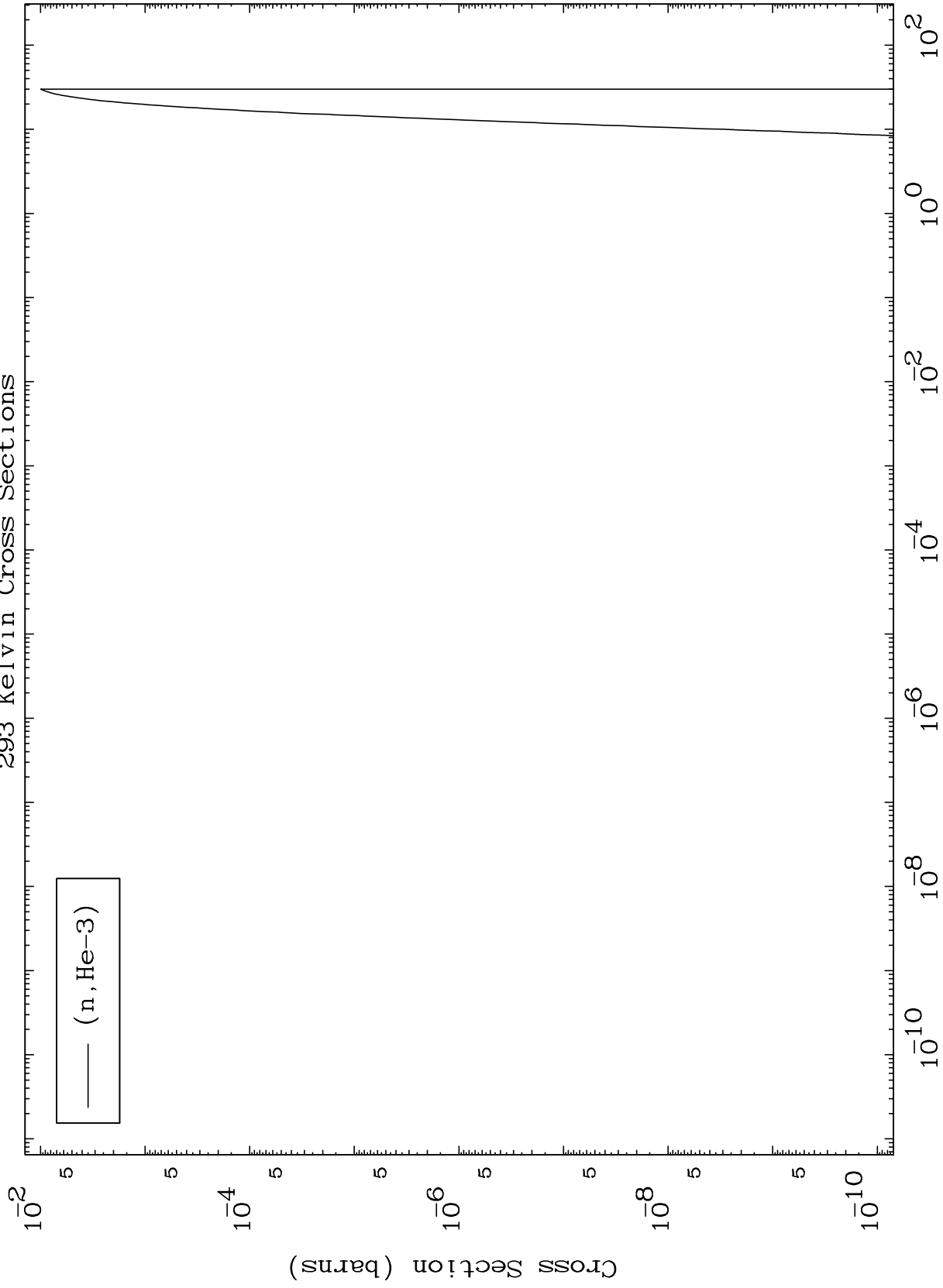
Incident Energy (MeV)

60-Nd-133

MAT 5998

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-133

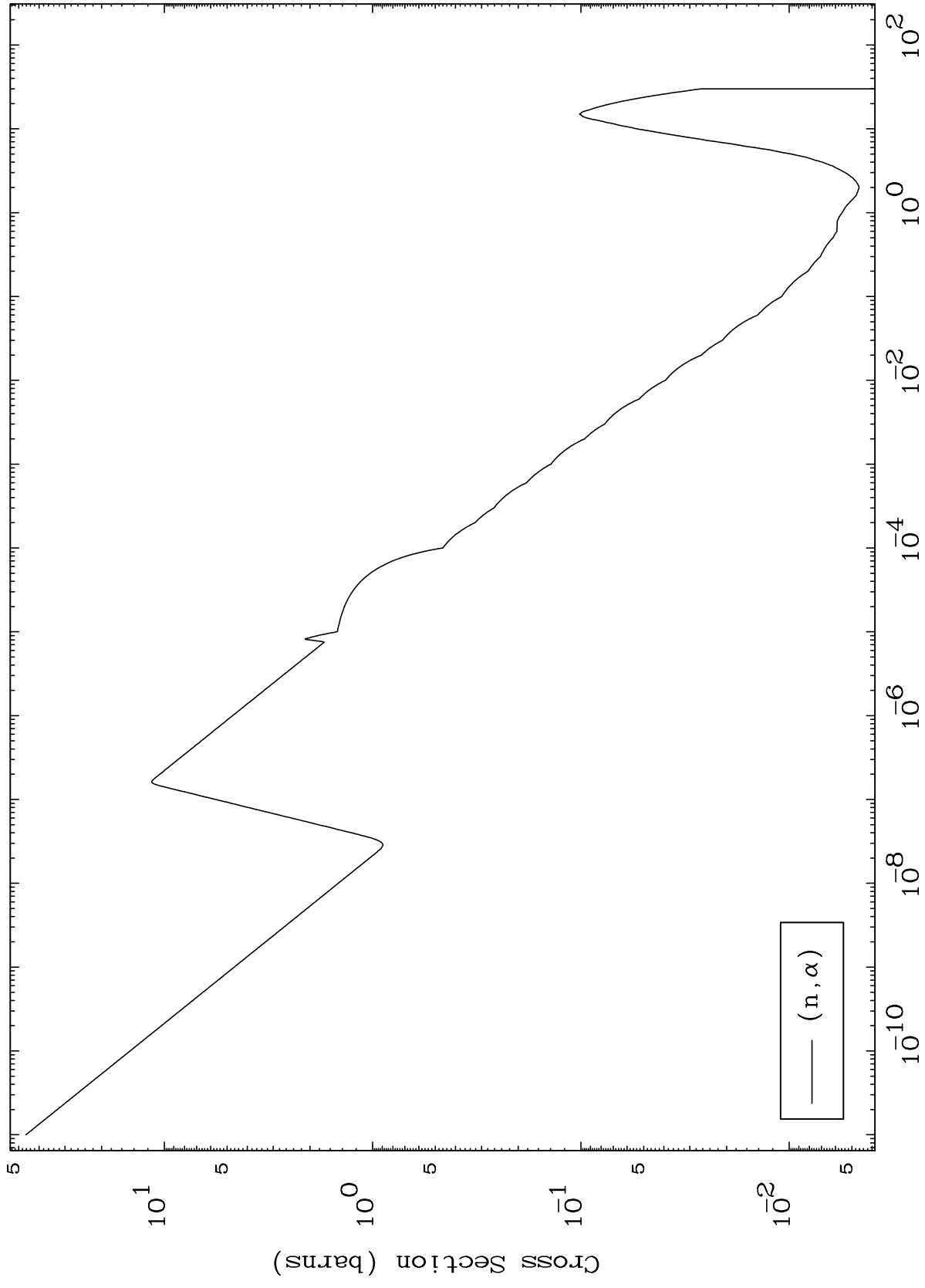


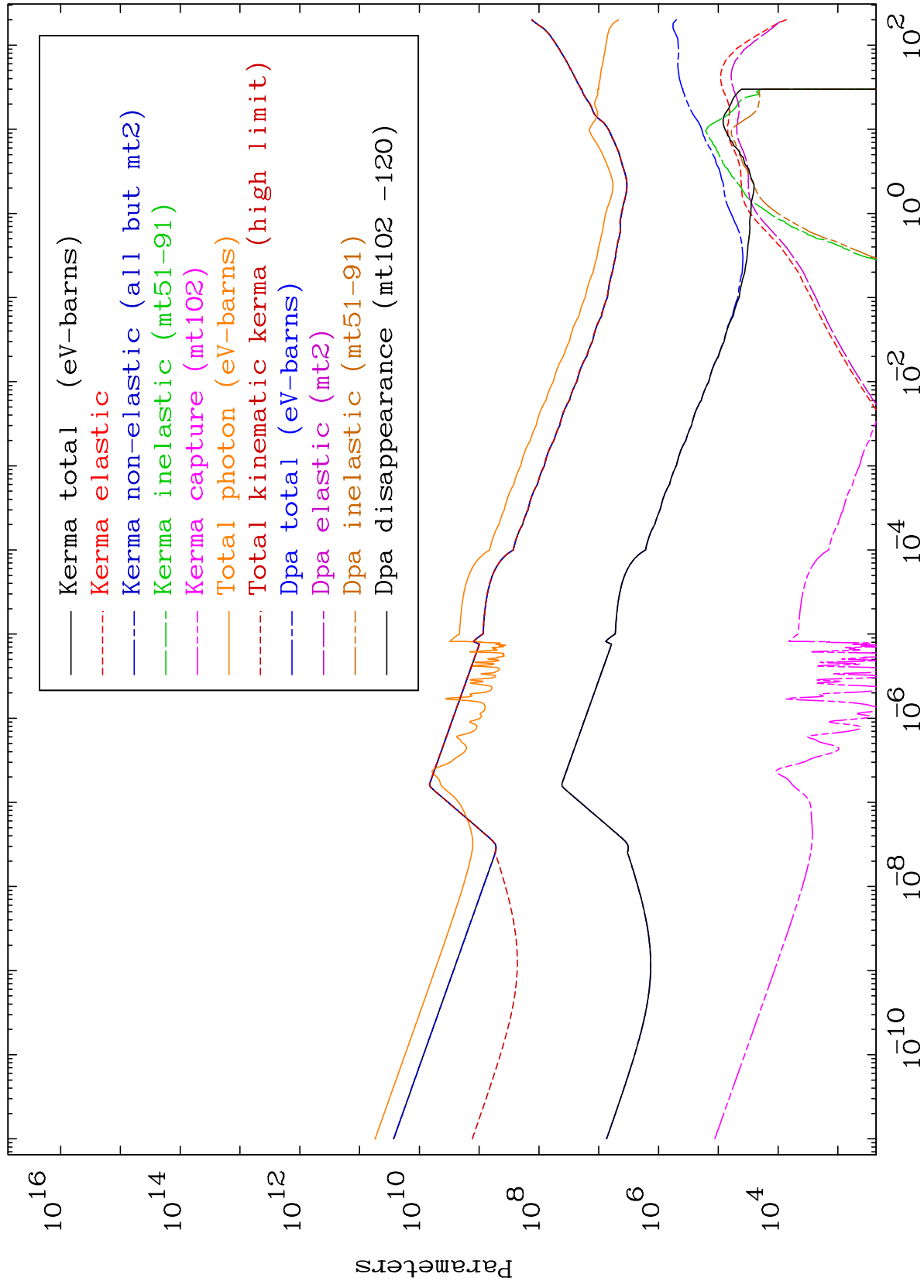
(n, He-3)

MAT 5998

(n,α) Levels
293 Kelvin Cross Sections

60-Nd-133

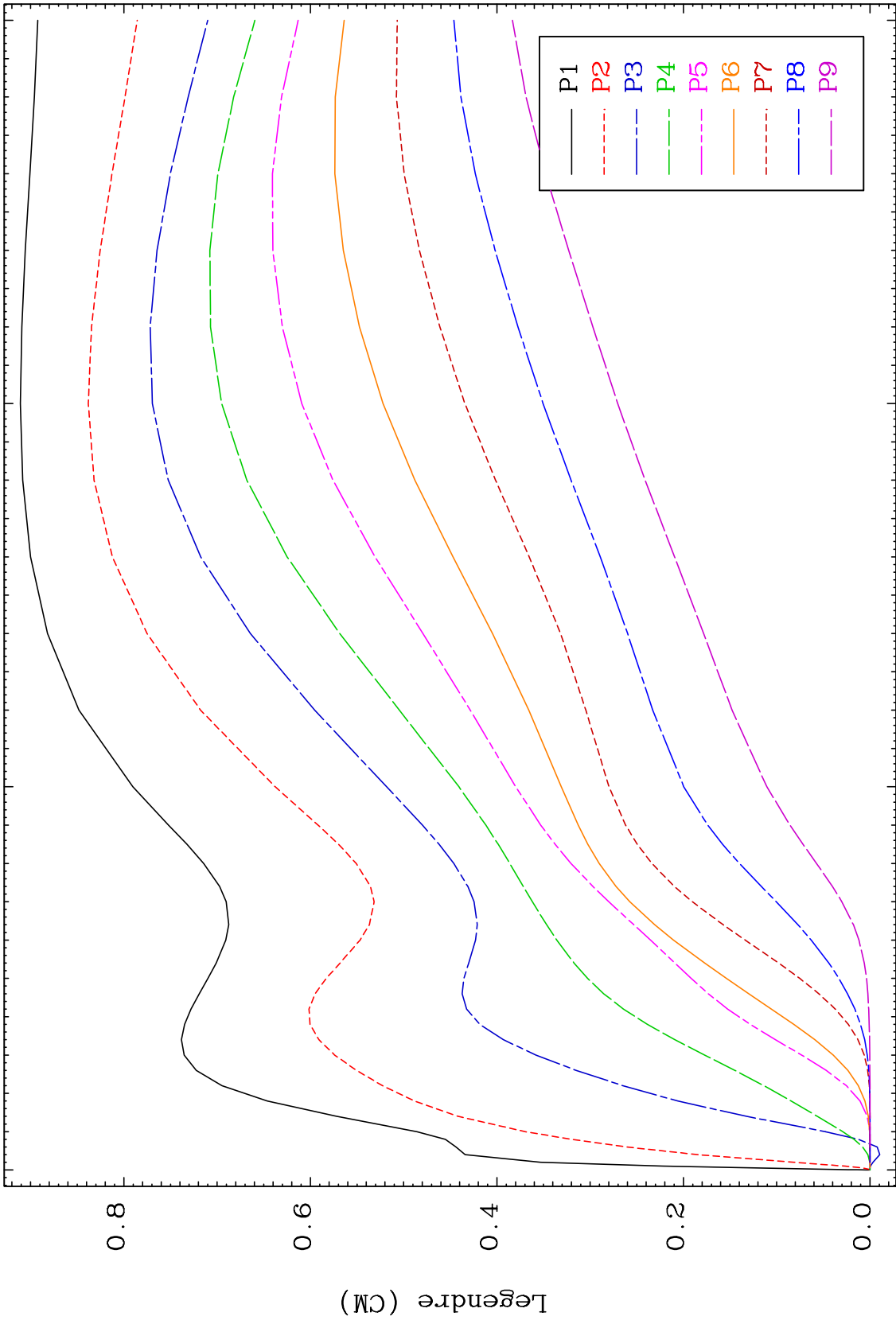




MAT 5998

Elastic Legendre Coefficients

$^{60}\text{Nd-133}$



16

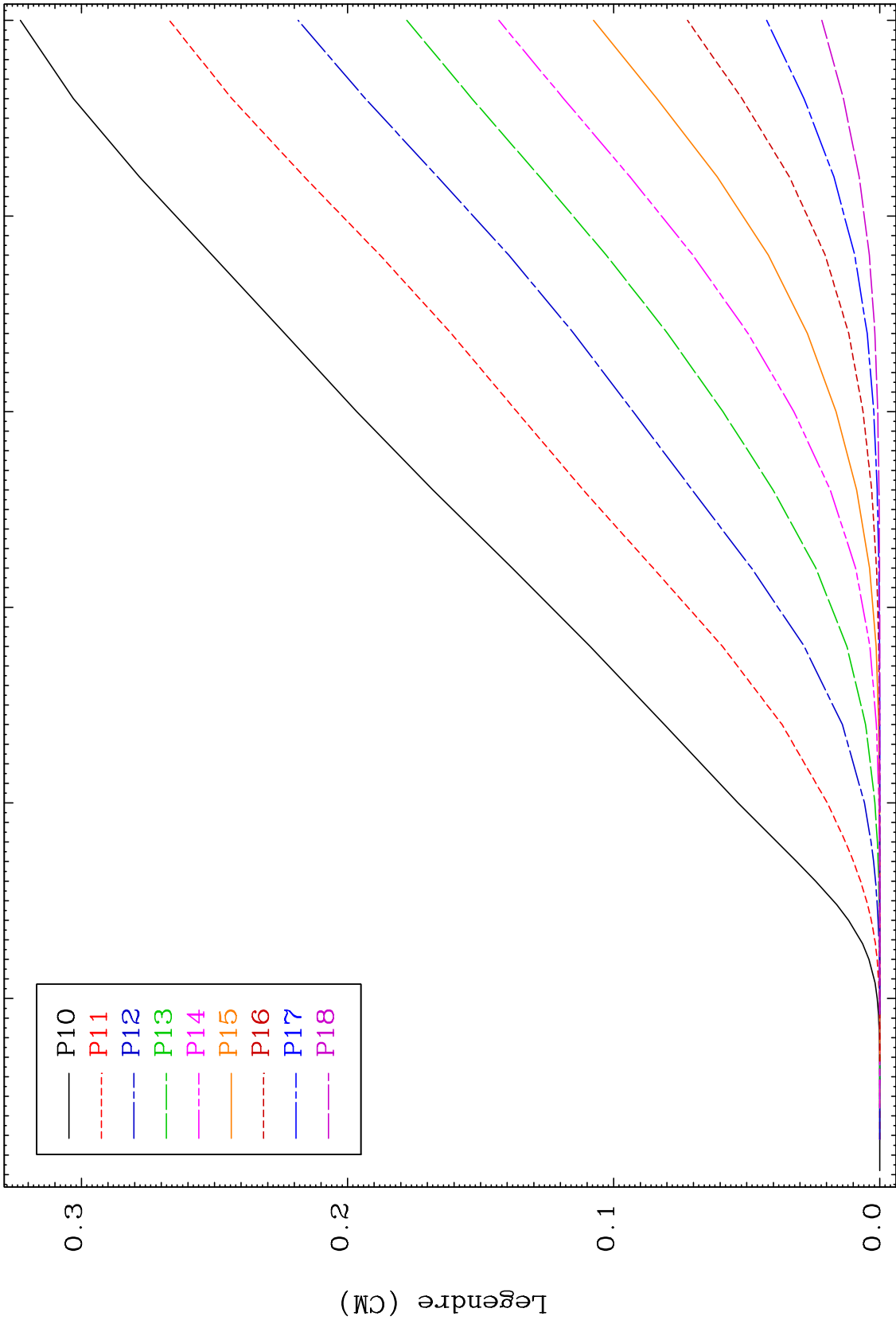
Incident Energy (MeV)

$^{60}\text{Nd-133}$

MAT 5998

Elastic Legendre Coefficients

60-Nd-133



17

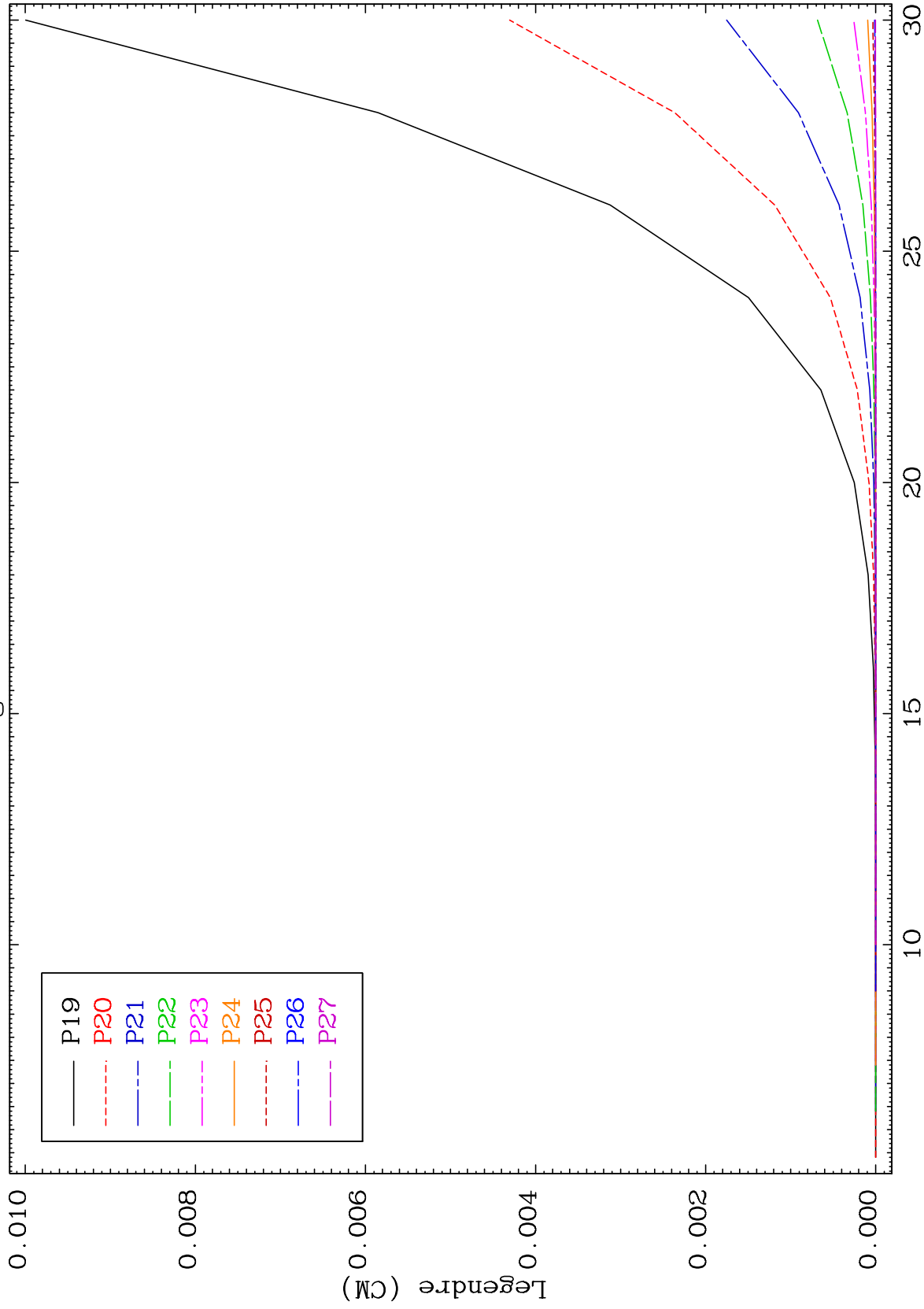
Incident Energy (MeV)

60-Nd-133

MAT 5998

Elastic
Legendre Coefficients

60-Nd-133



18

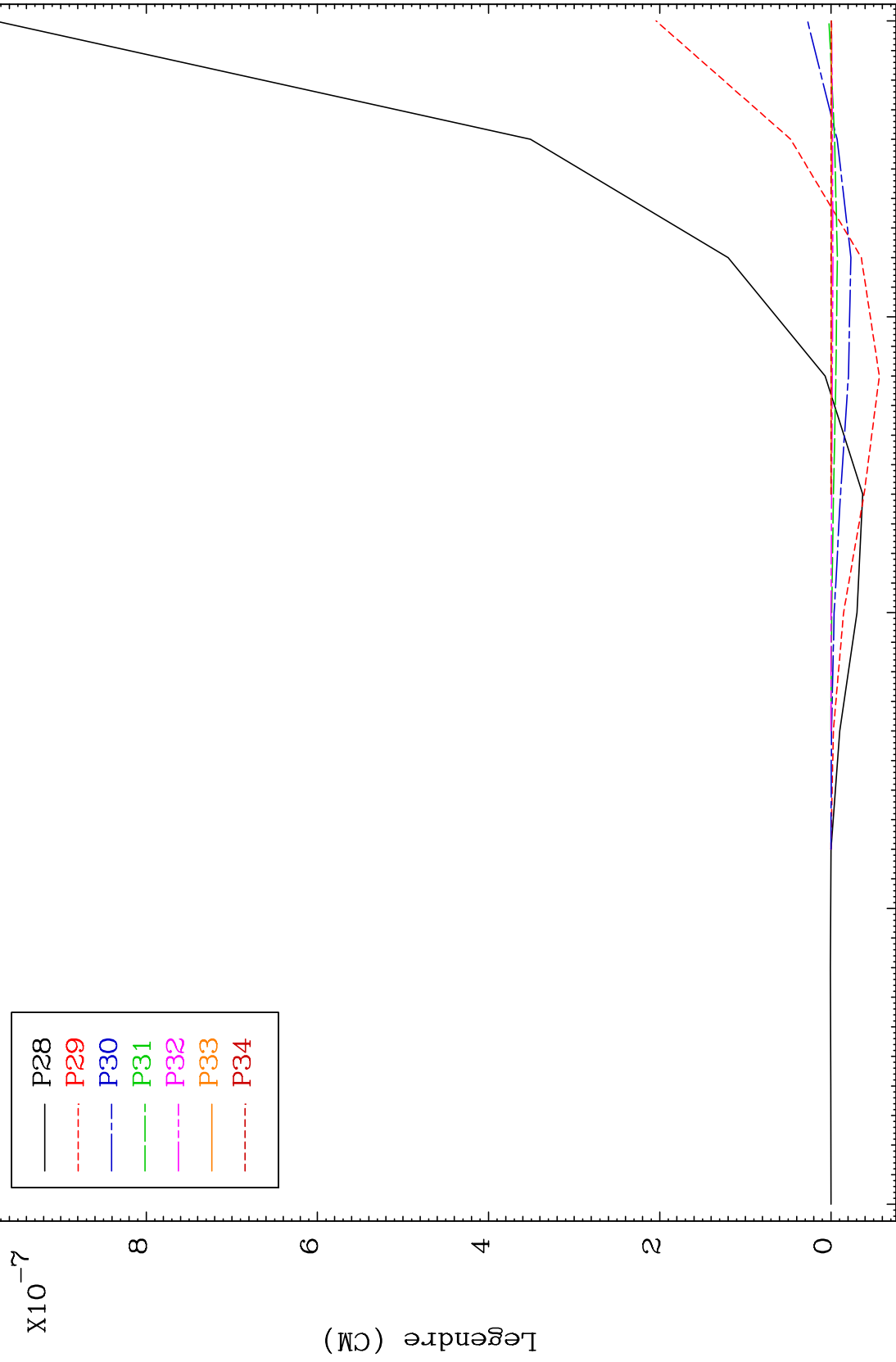
Incident Energy (MeV)

60-Nd-133

MAT 5998

Elastic Legendre Coefficients

60-Nd-133

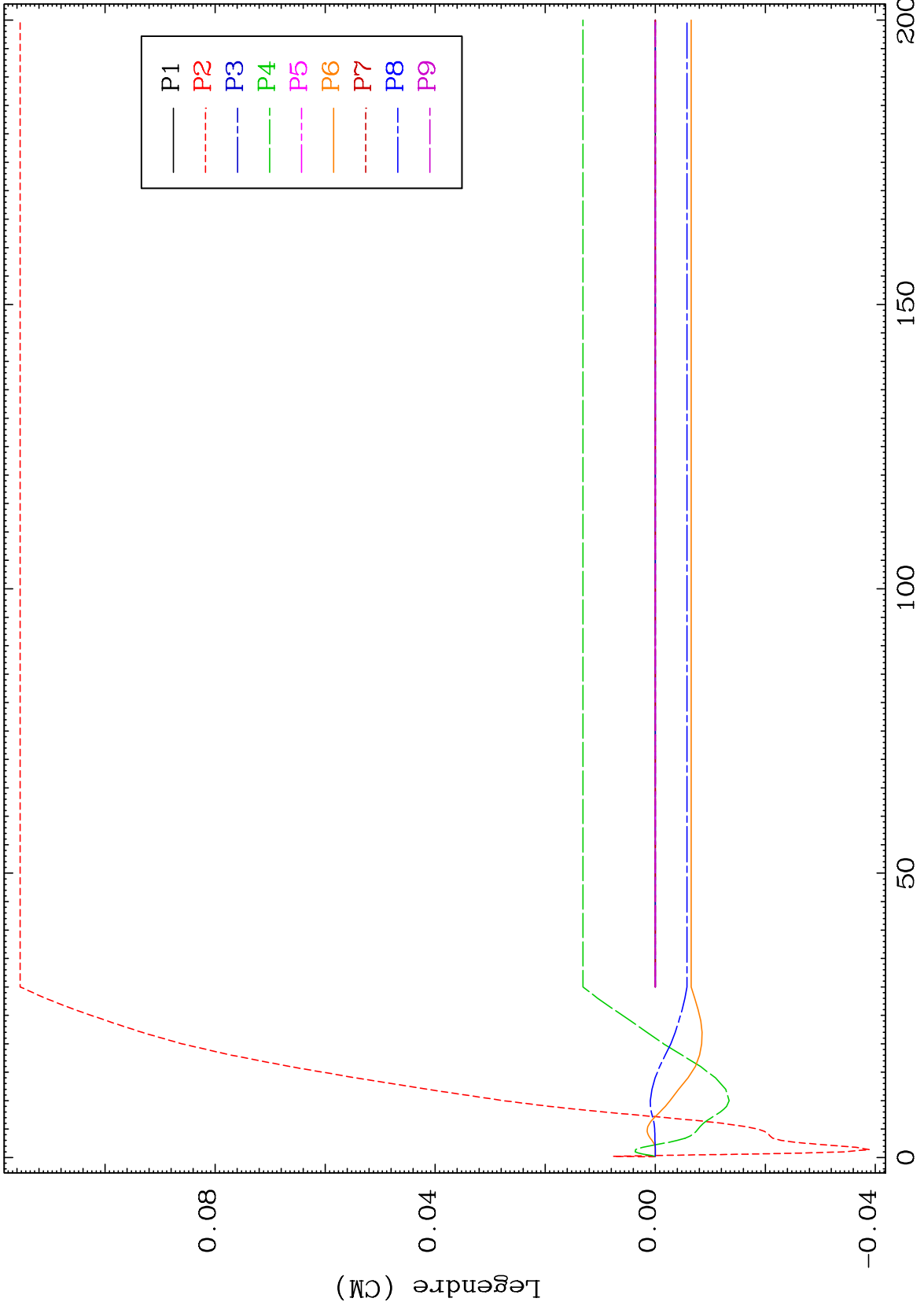


19

Incident Energy (MeV)

60-Nd-133

MAT 5998 MT= 51 (n,n') Level Legendre Coefficients 60-Nd-133

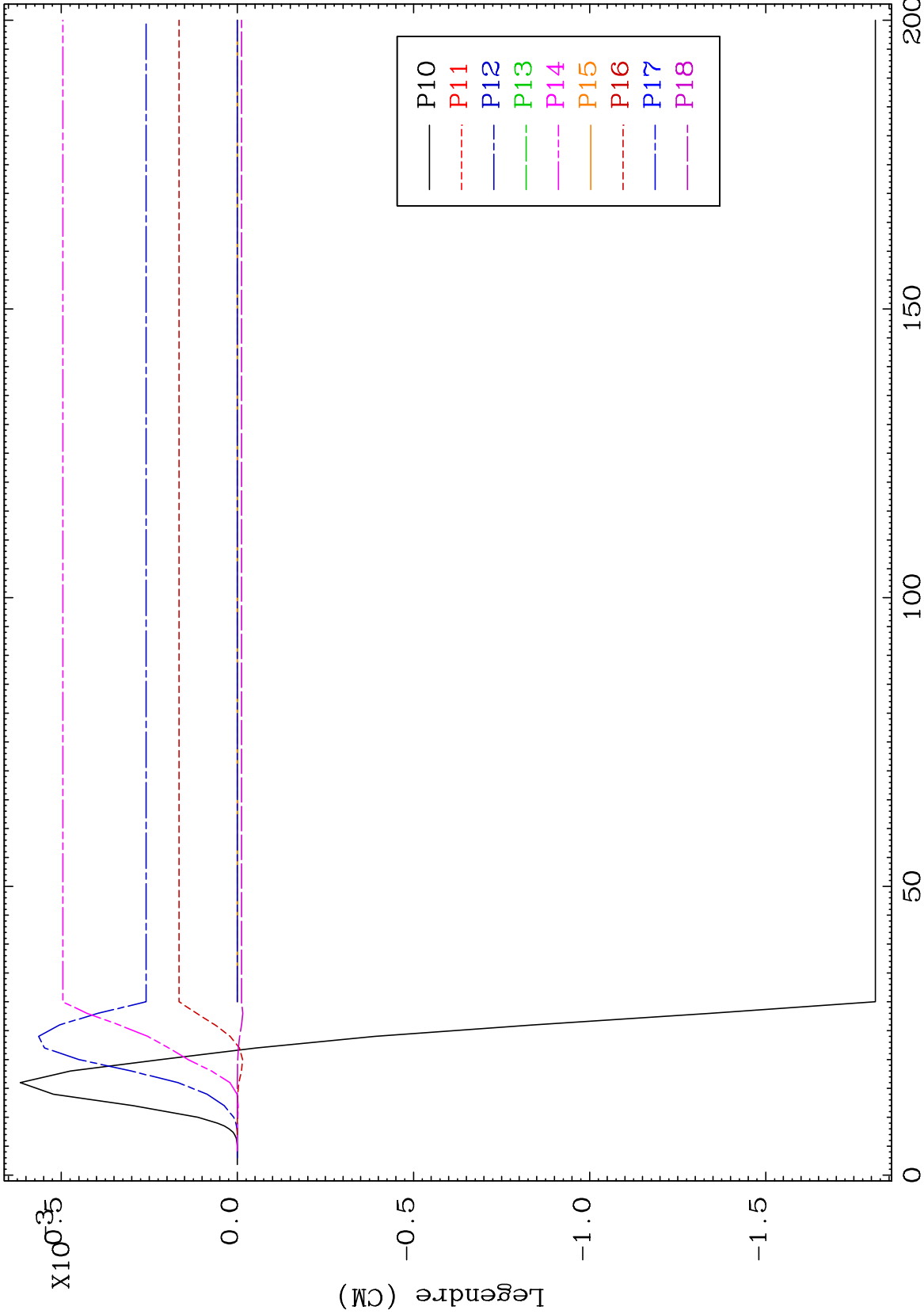


60-Nd-133

MAT 5998

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

60-Nd-133



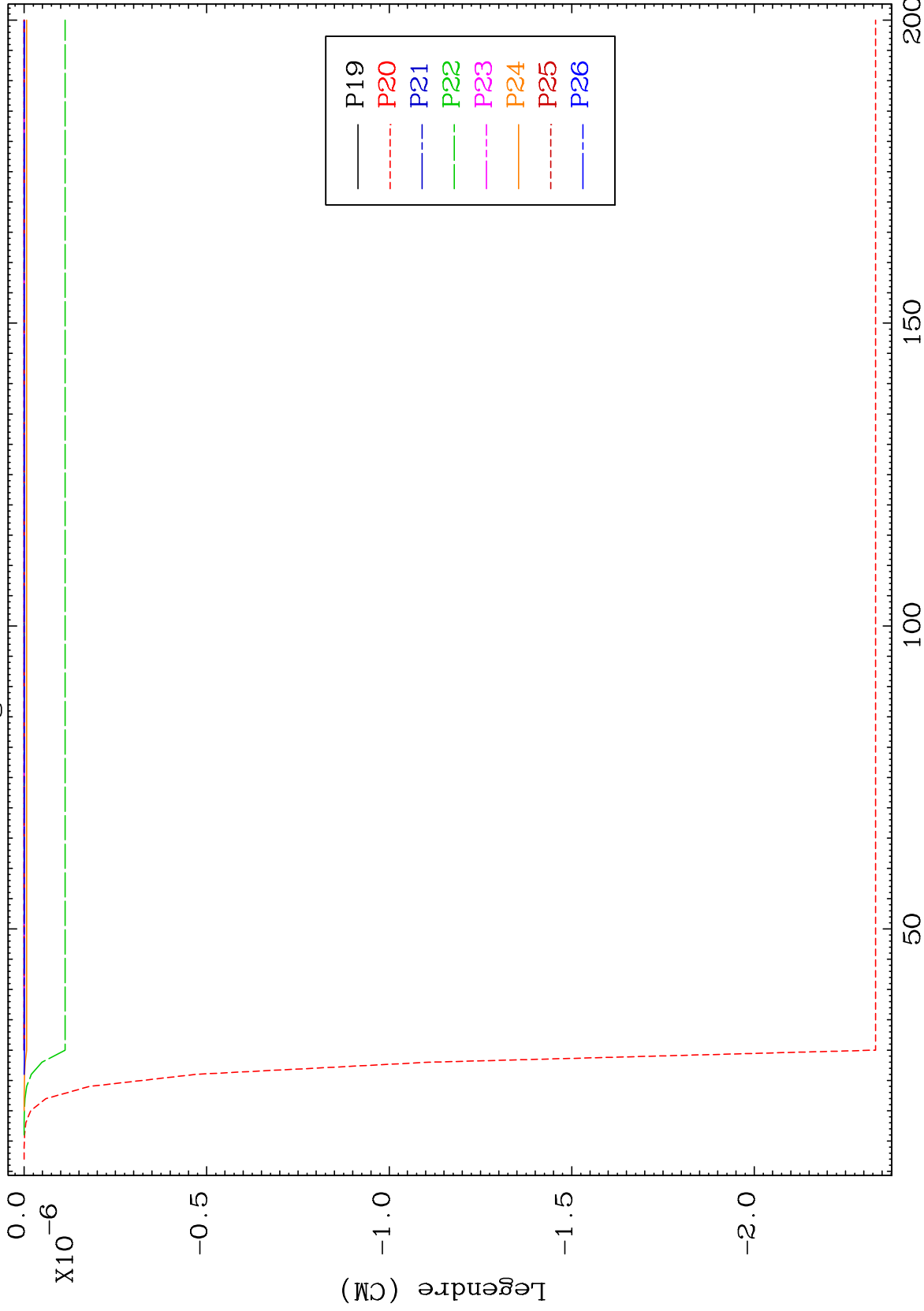
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Incident Energy (MeV)

60-Nd-133

MAT 5998 MT= 51 (n,n') Level 60-Nd-133

Legendre Coefficients



60-Nd-133

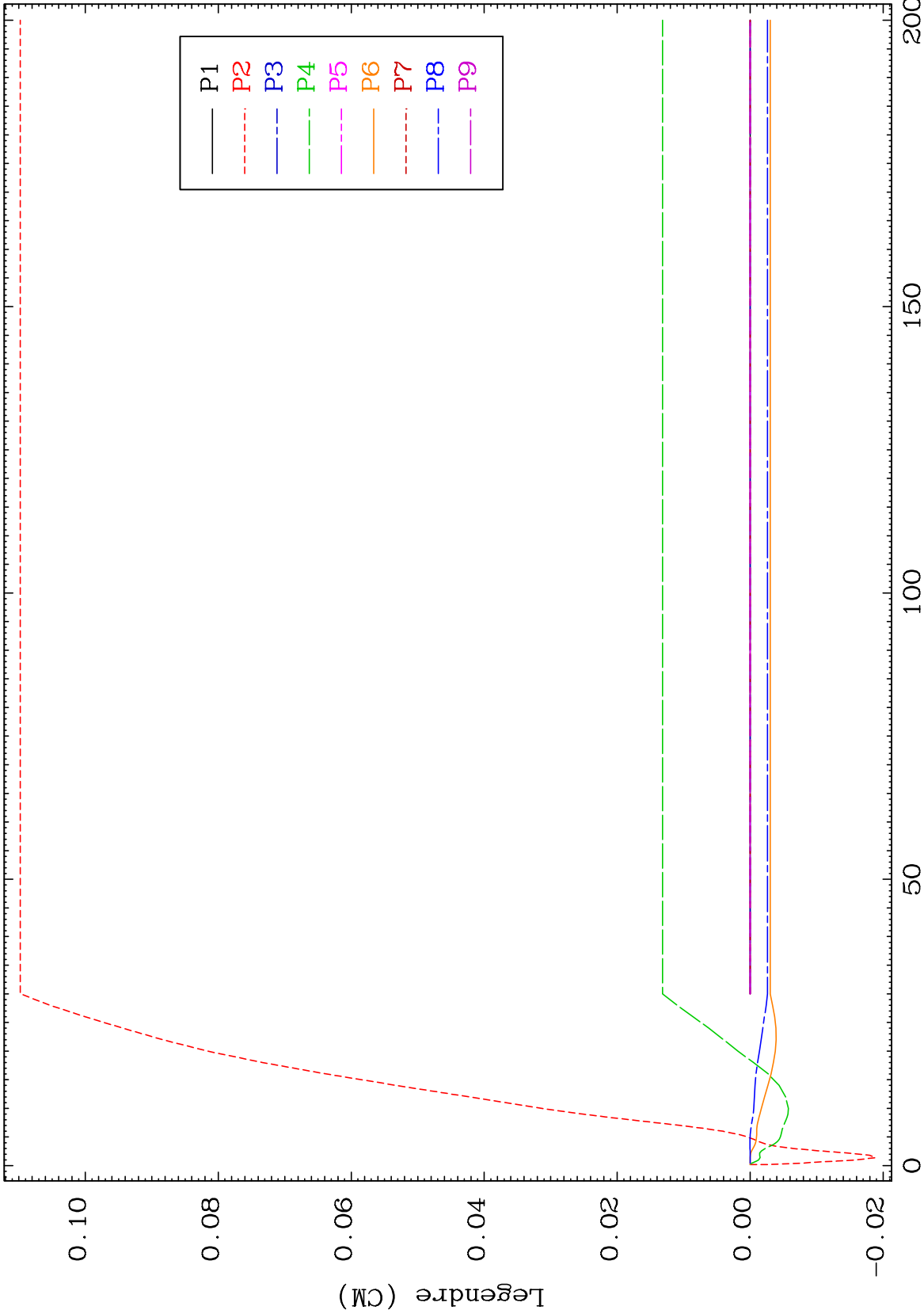
Incident Energy (MeV)

22

MAT 5998

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

60-Nd-133



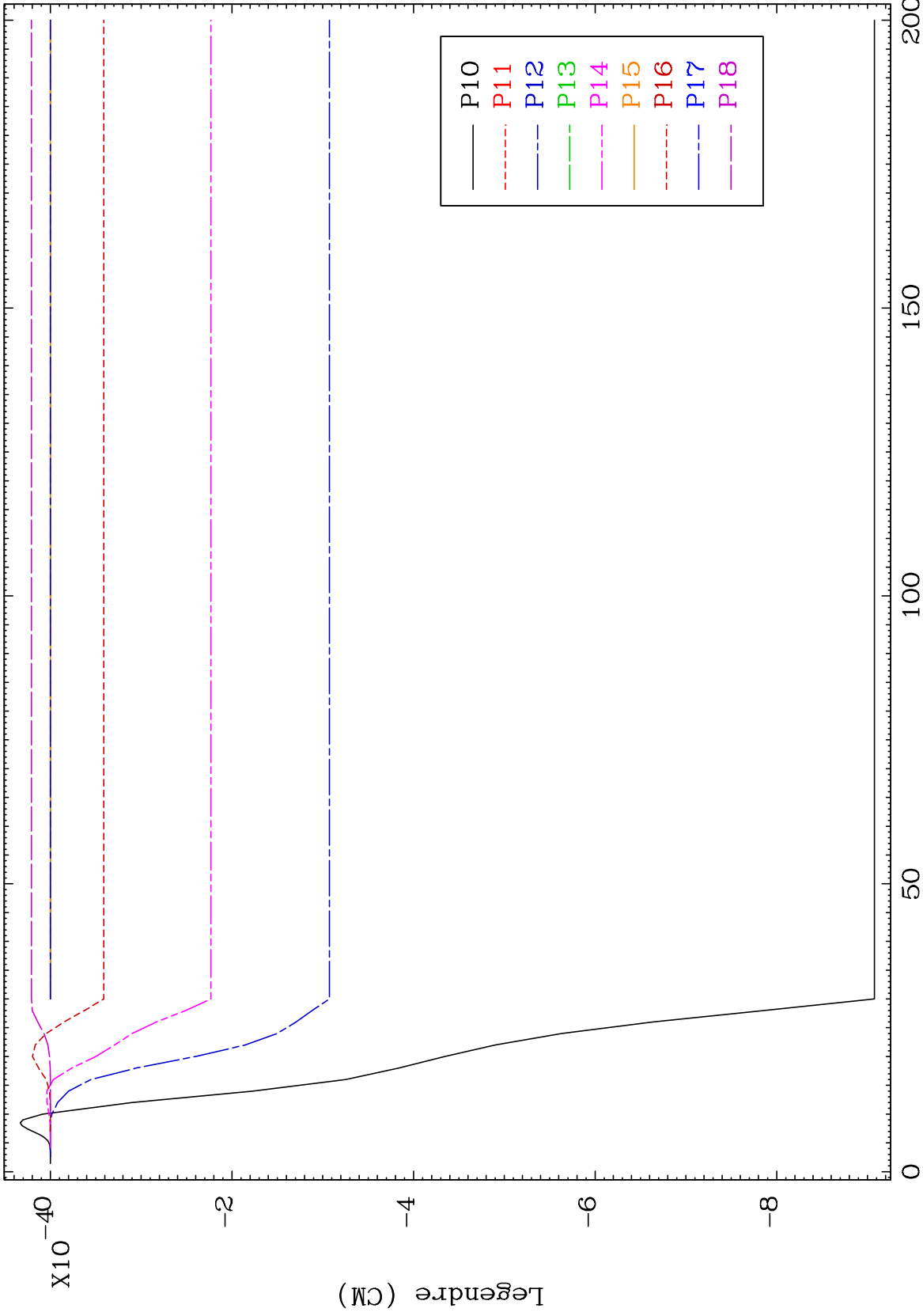
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60-Nd-133

MAT 5998

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

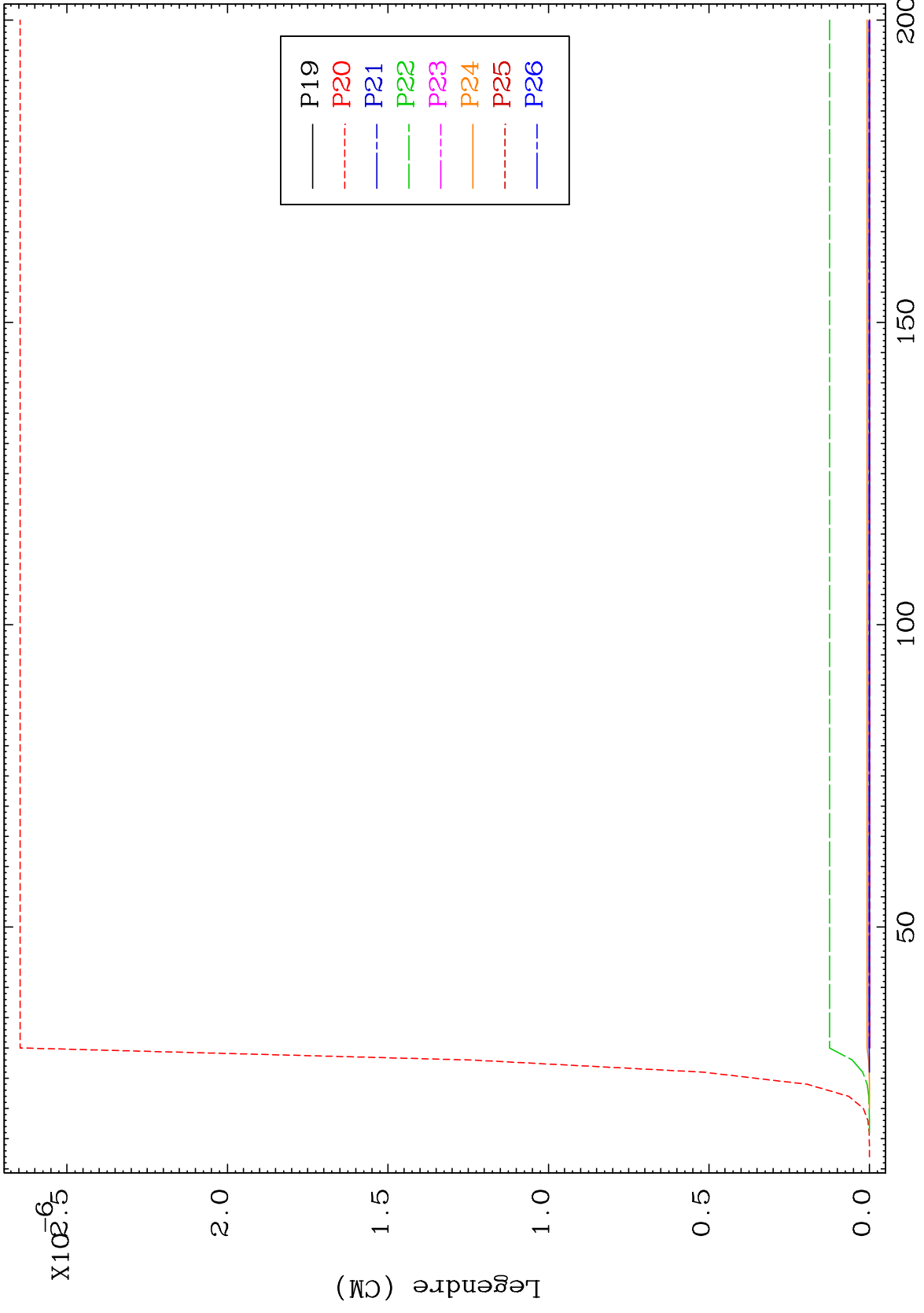
60-Nd-133



24

60-Nd-133

MAT 5998 MT= 52 (n,n') Level Legendre Coefficients 60-Nd-133

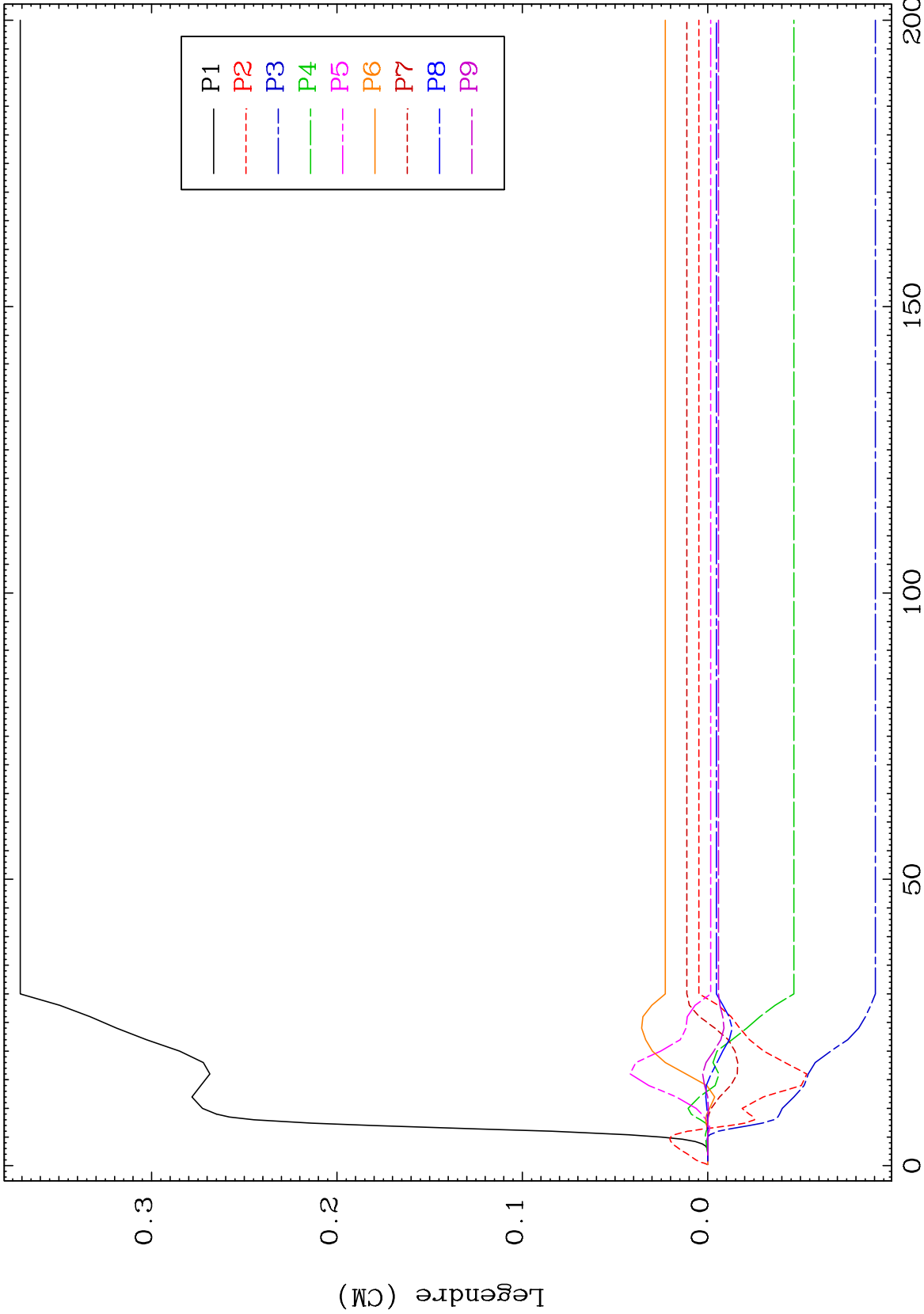


60-Nd-133

MAT 5998

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

60-Nd-133



26

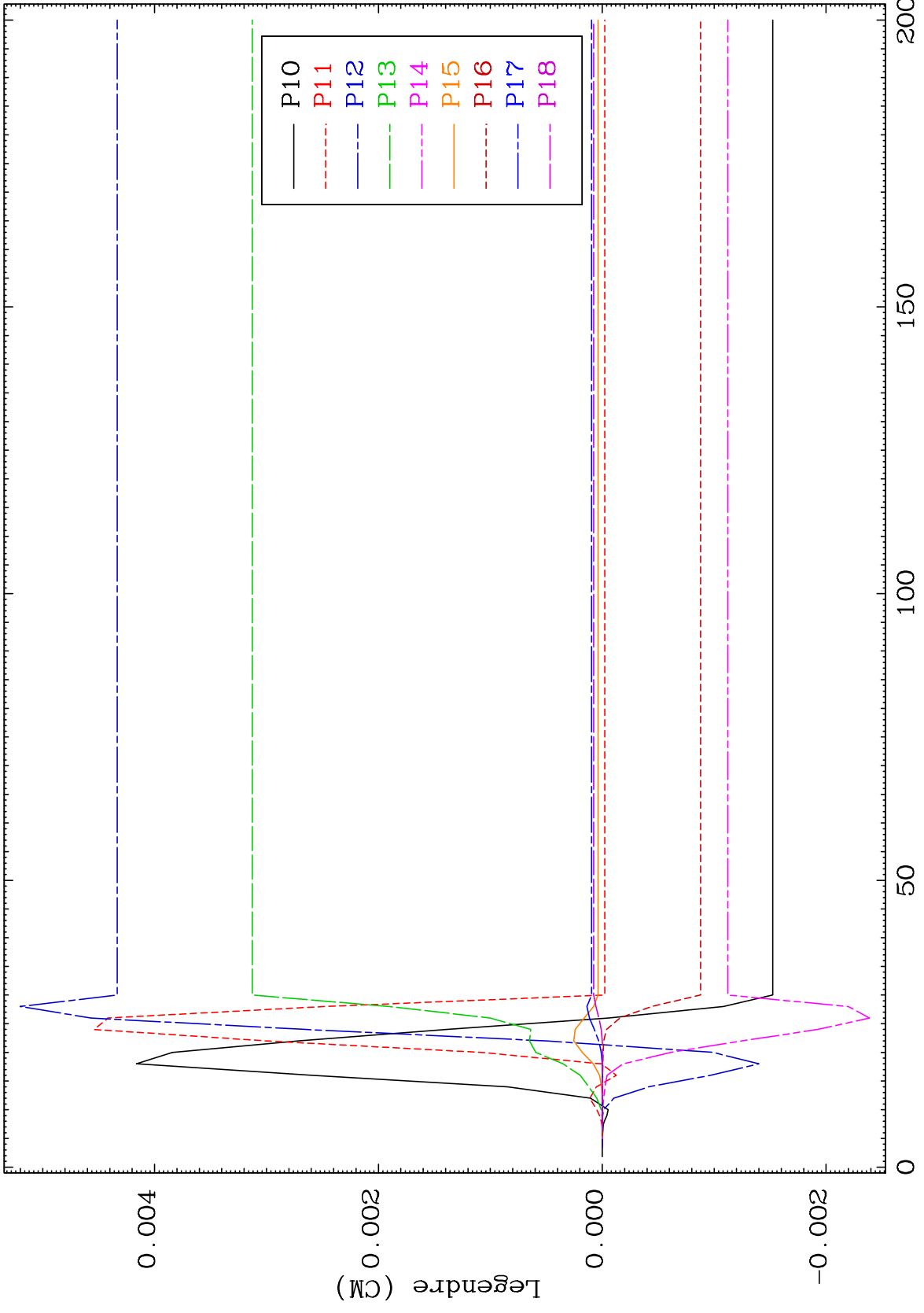
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



27

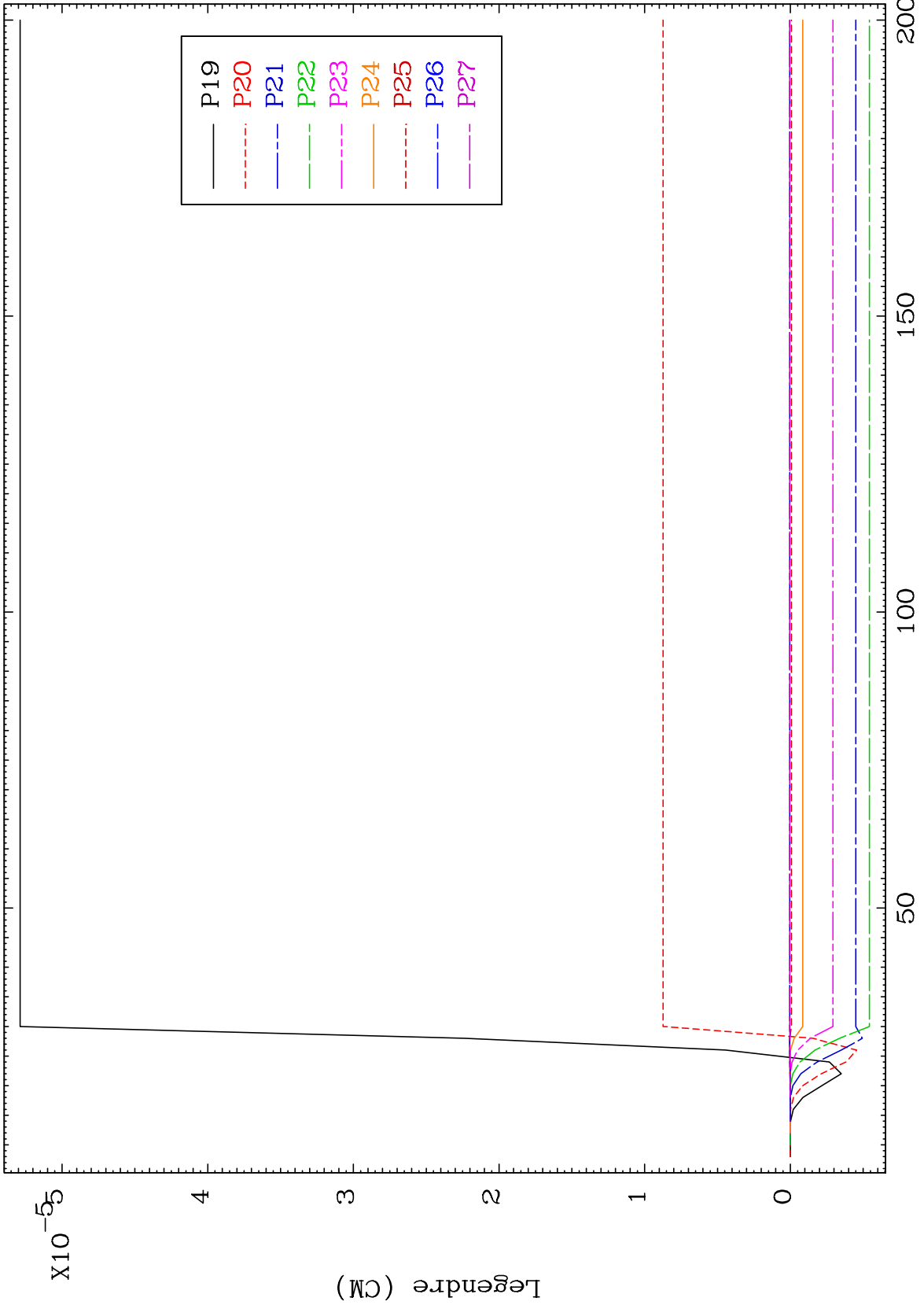
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



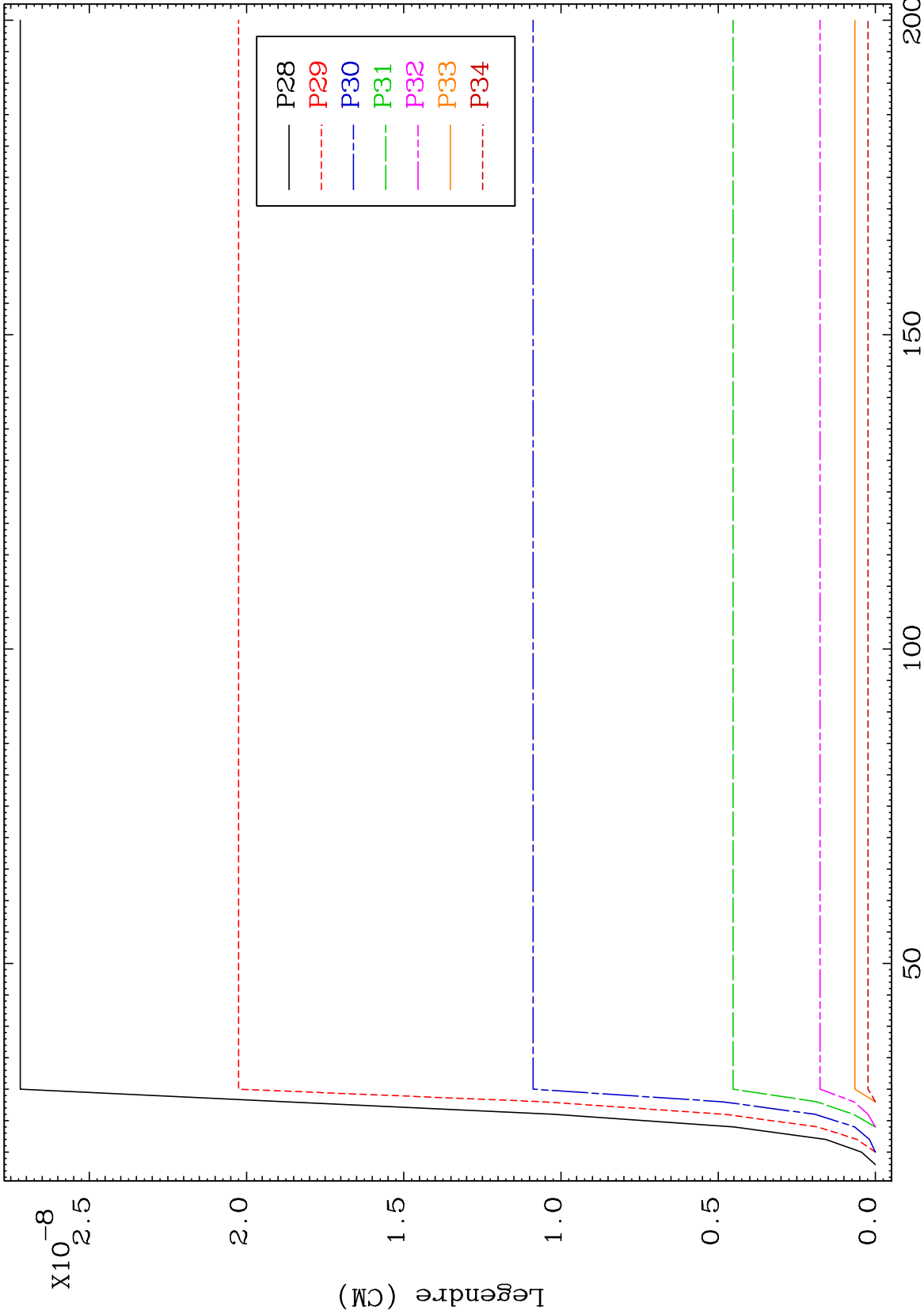
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60-Nd-133

MAT 5998

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

60-Nd-133



29

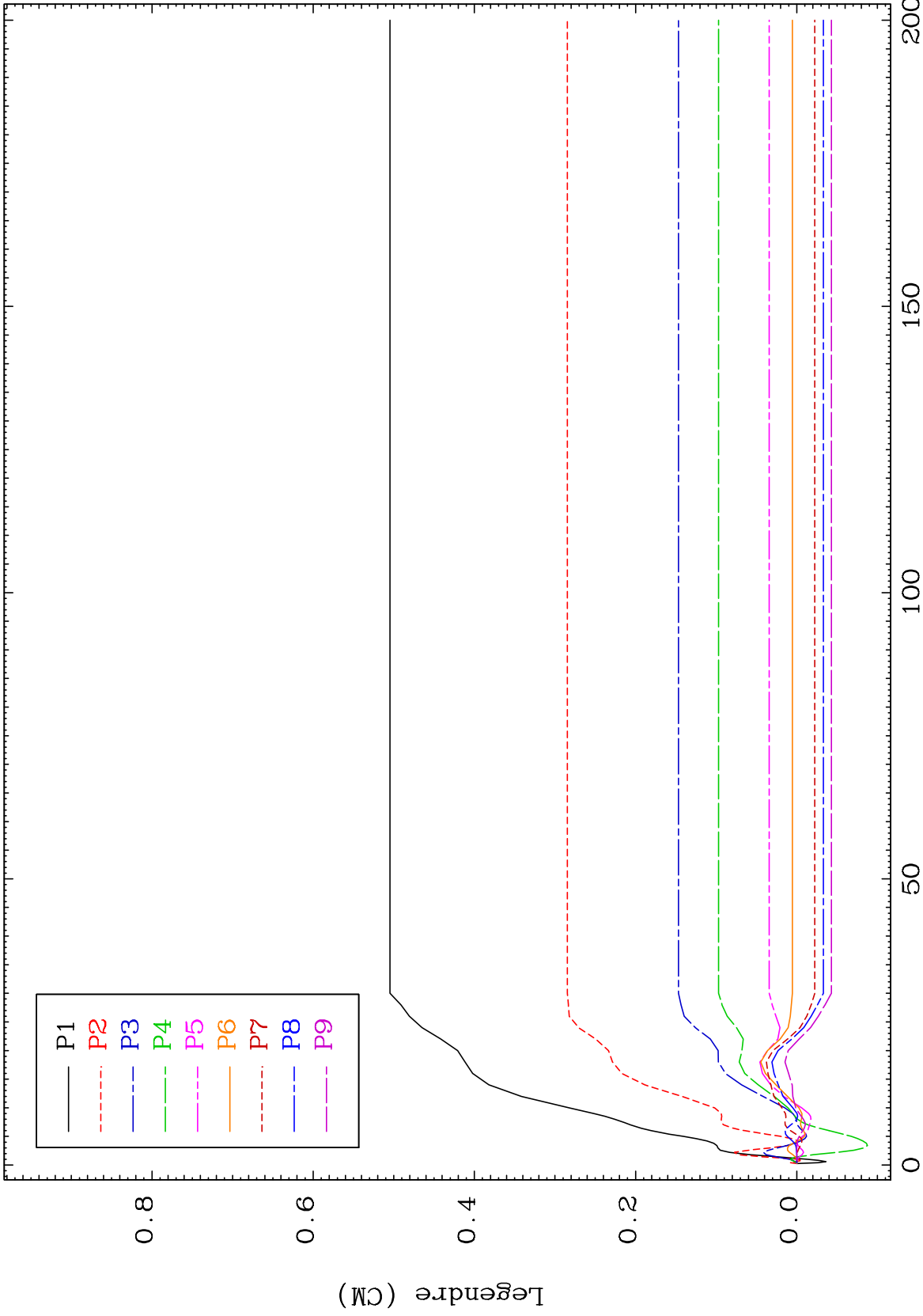
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



60-Nd-133

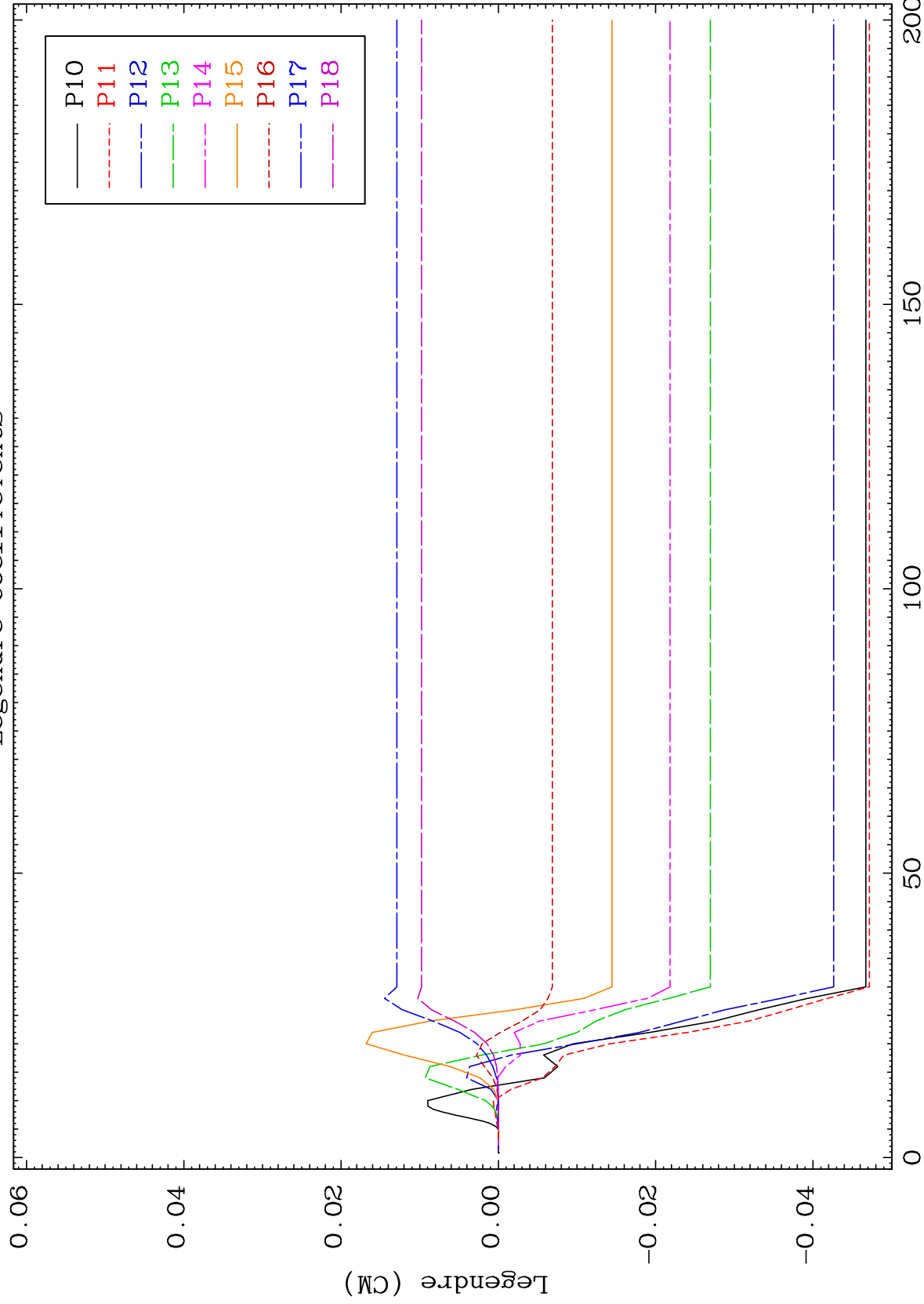
Incident Energy (MeV)

30

MAT 5998

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

60-Nd-133



31

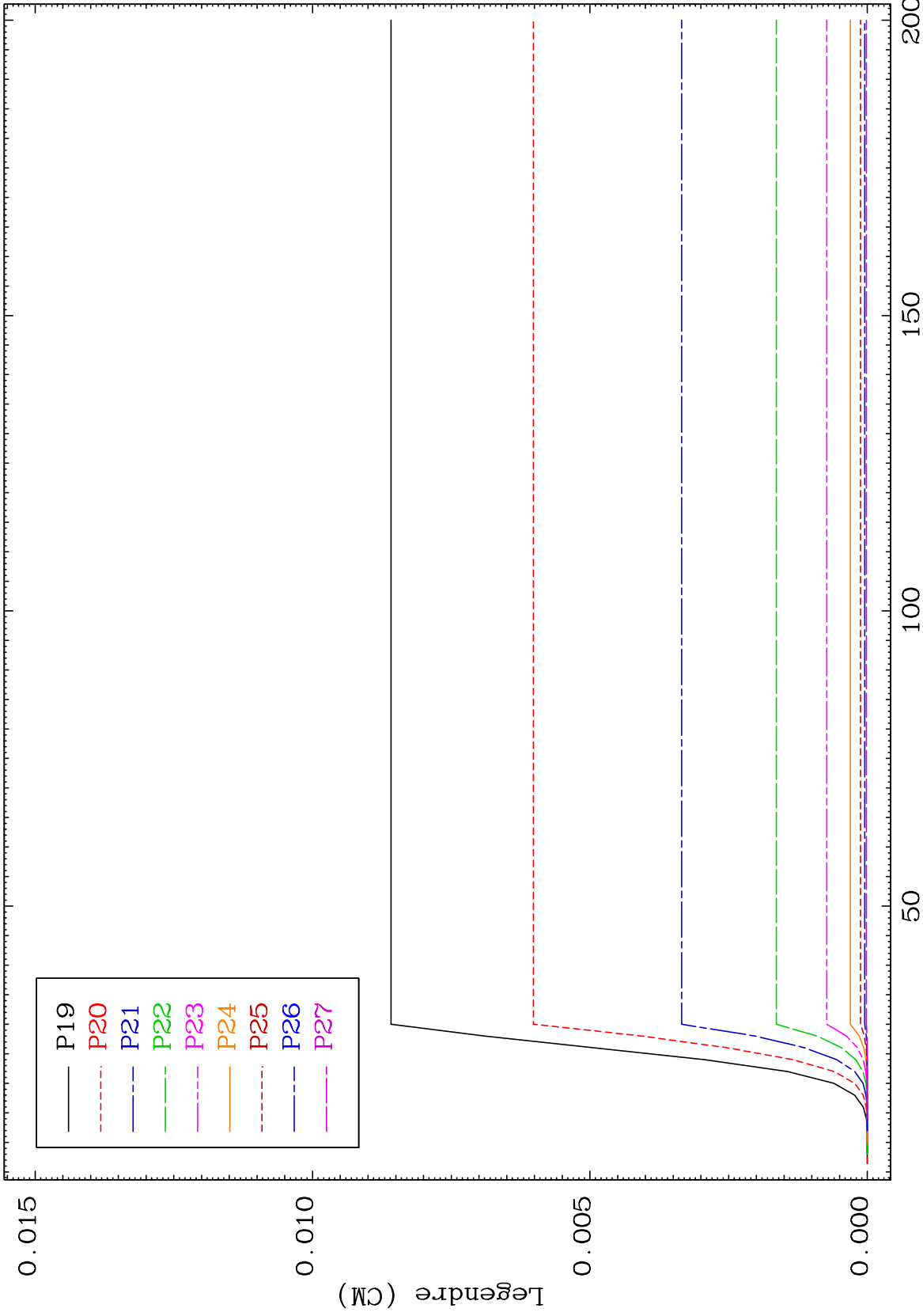
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



32

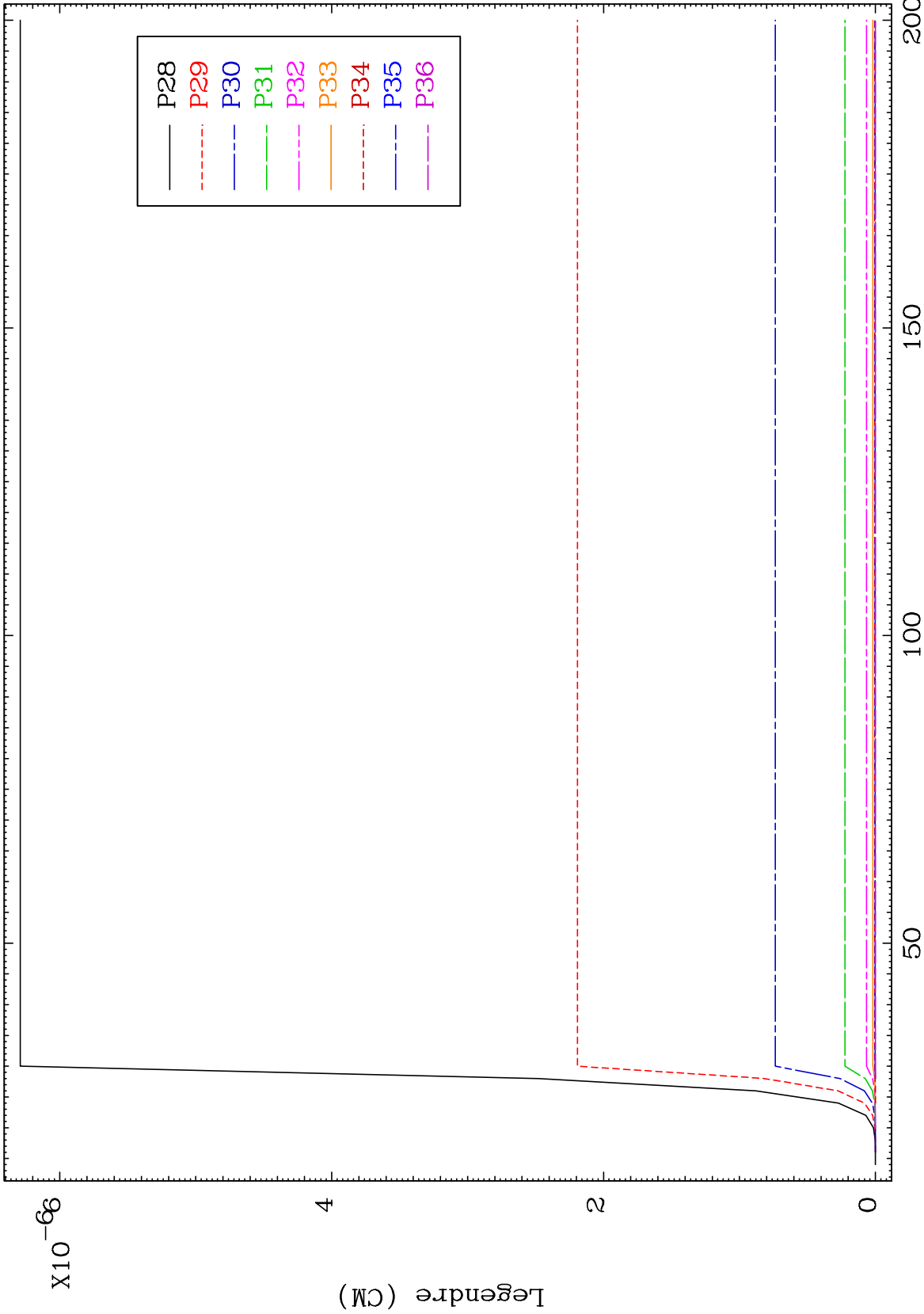
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



33

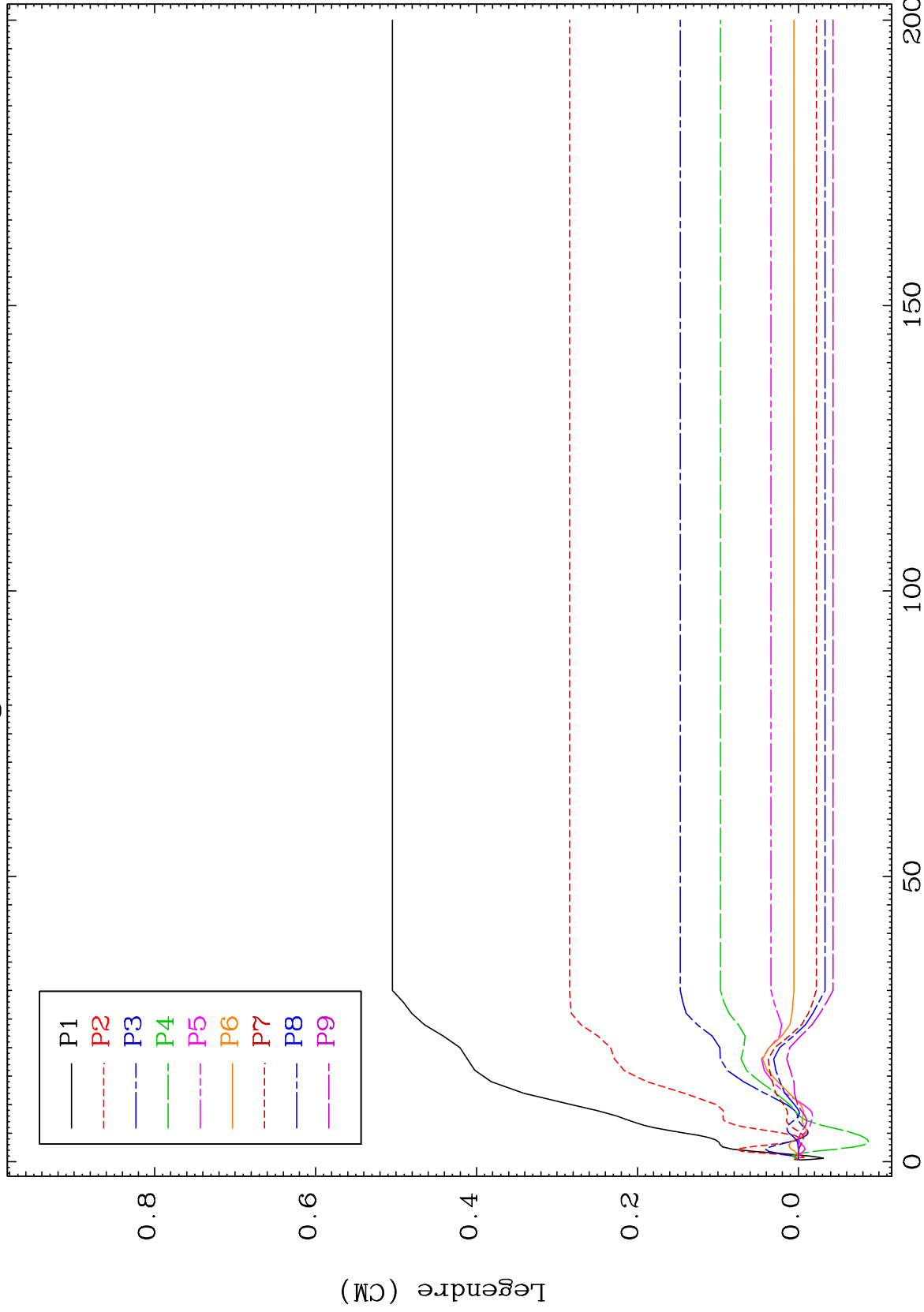
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



34

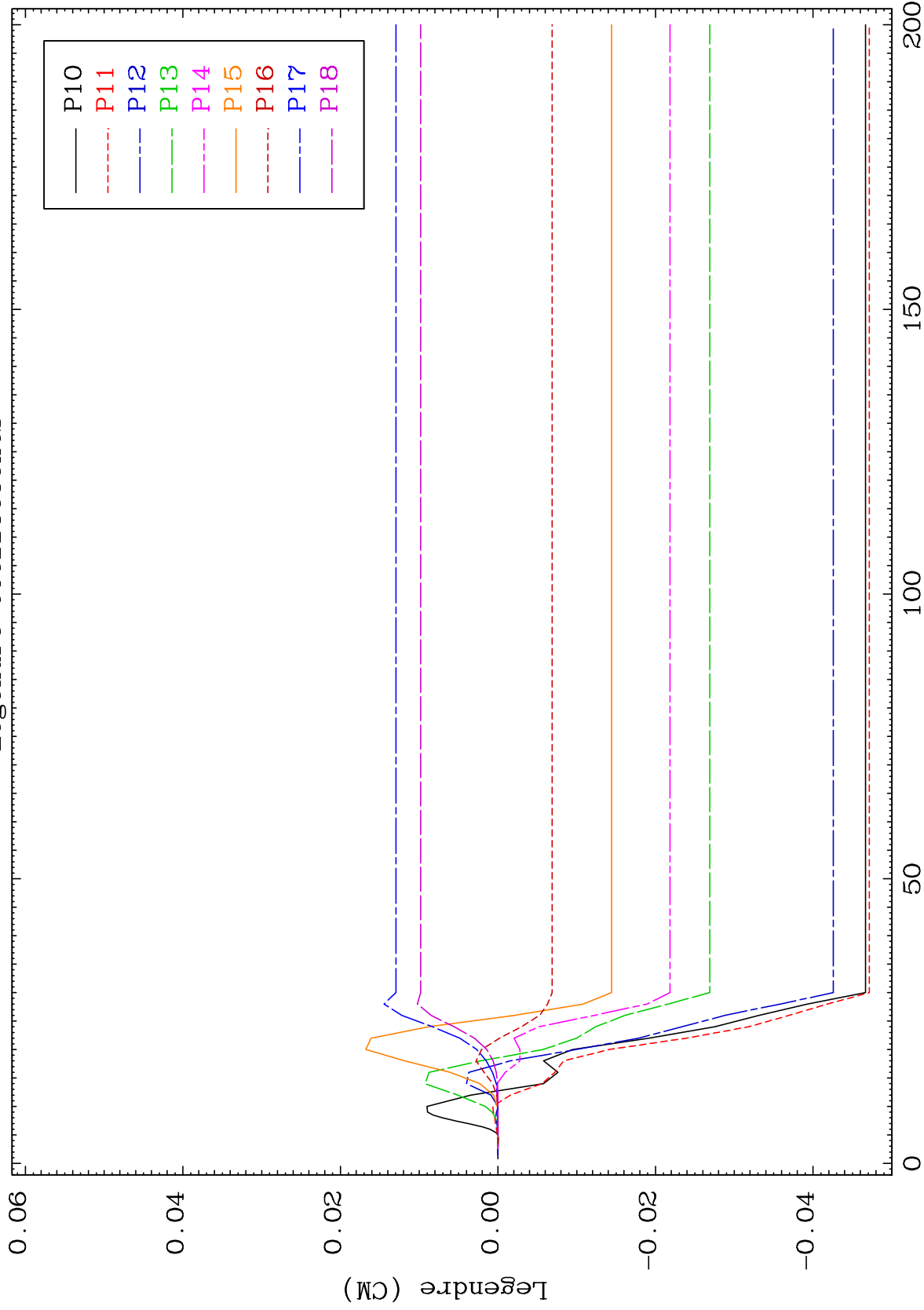
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



35

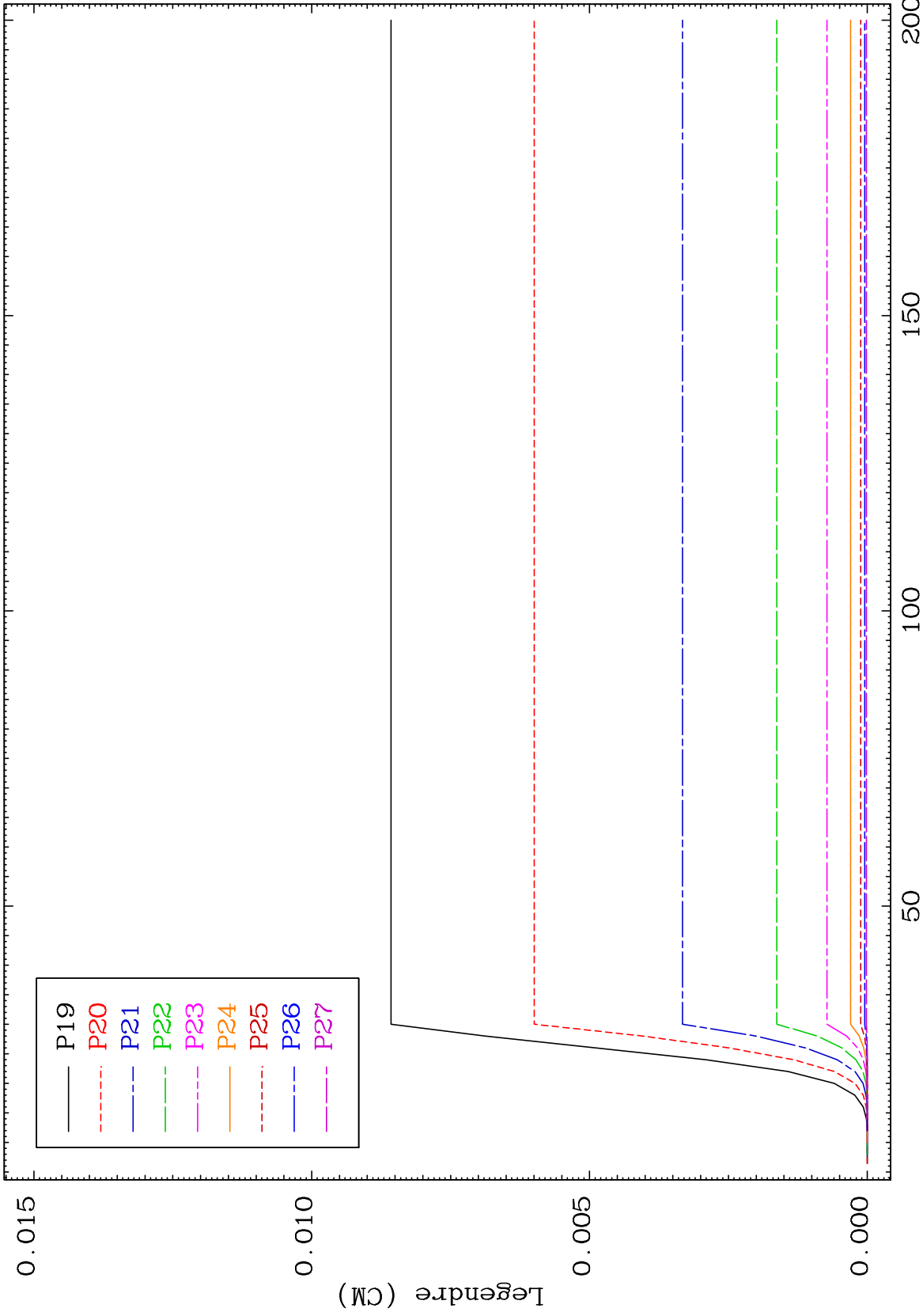
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



36

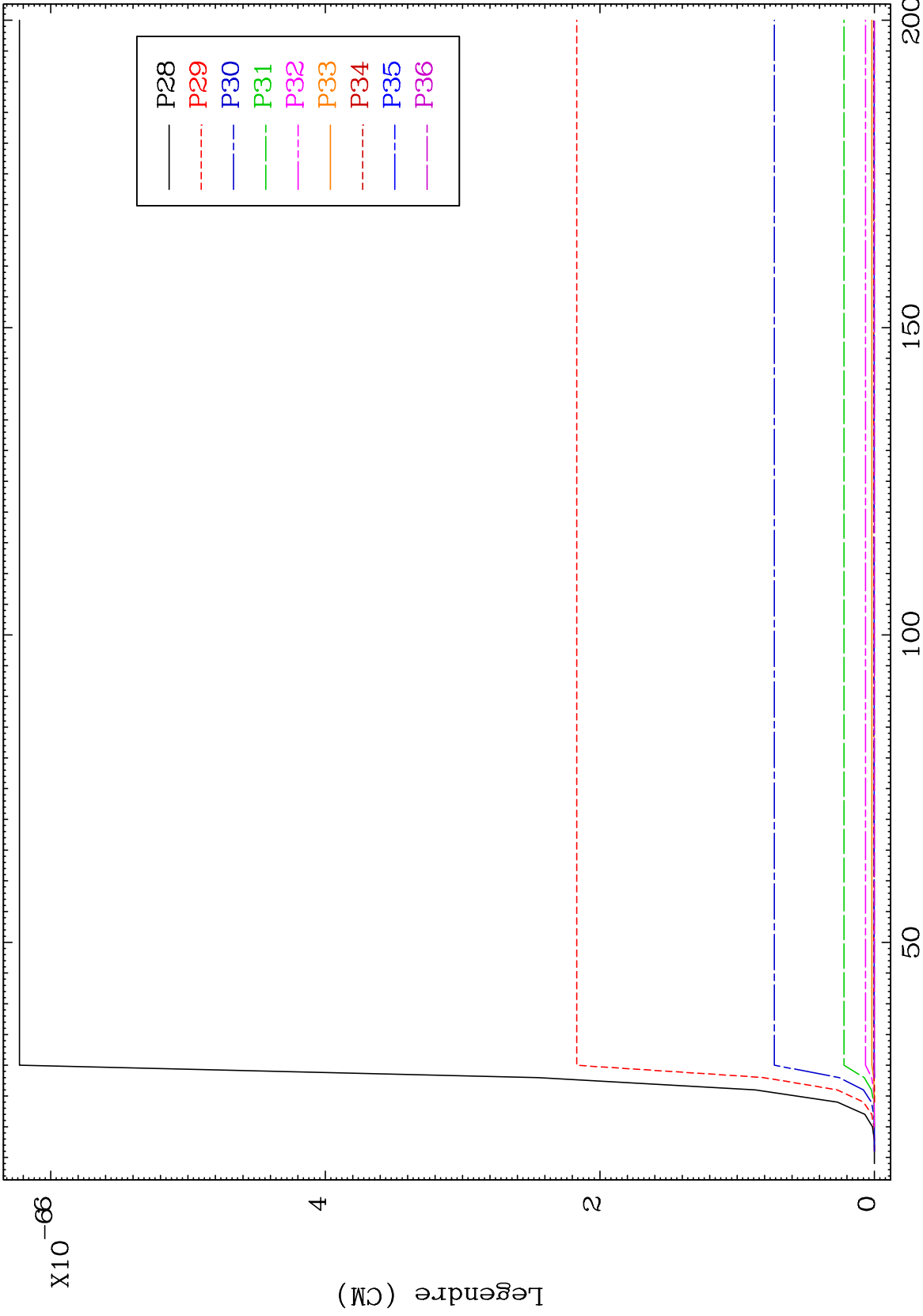
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



37

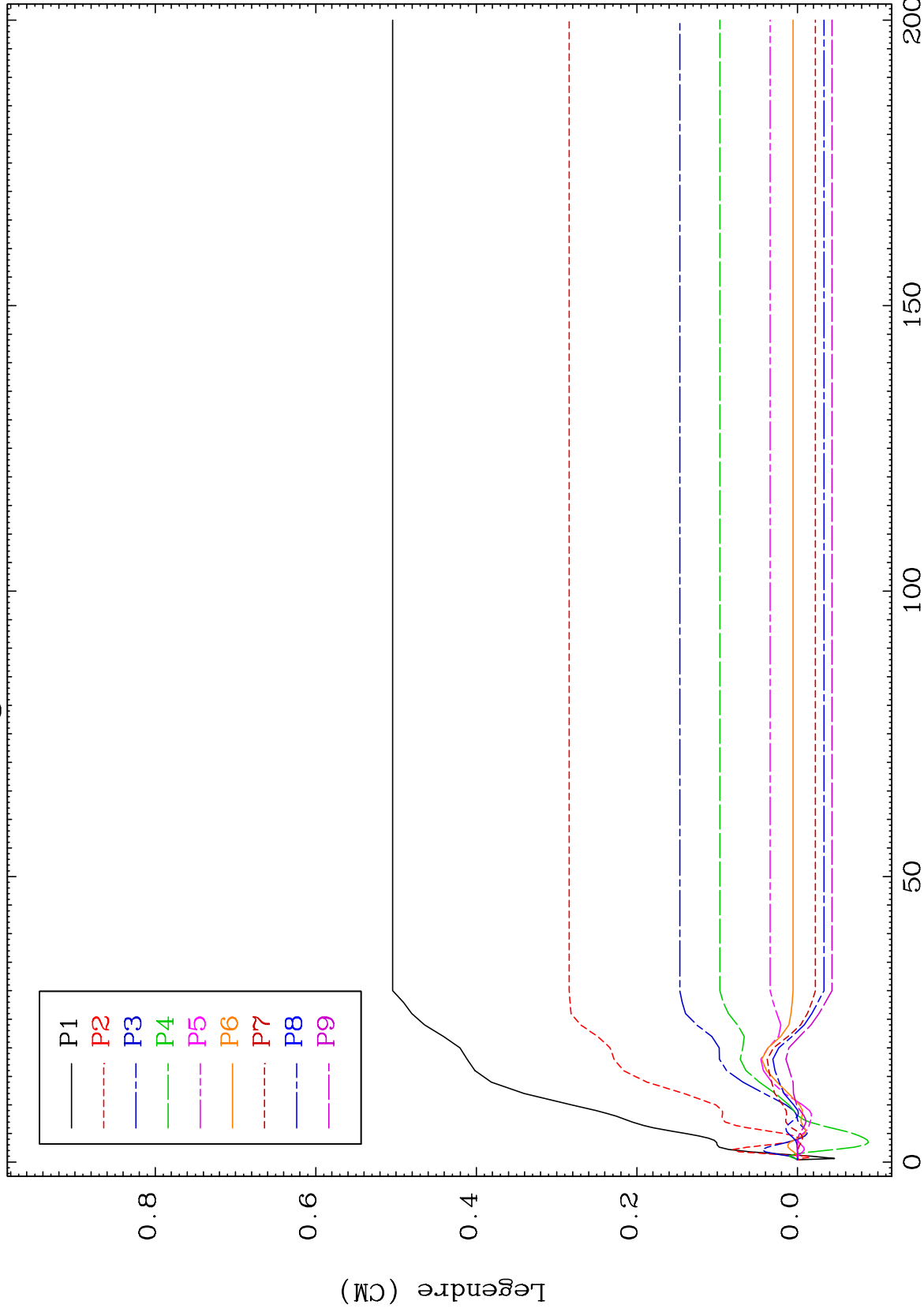
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



38

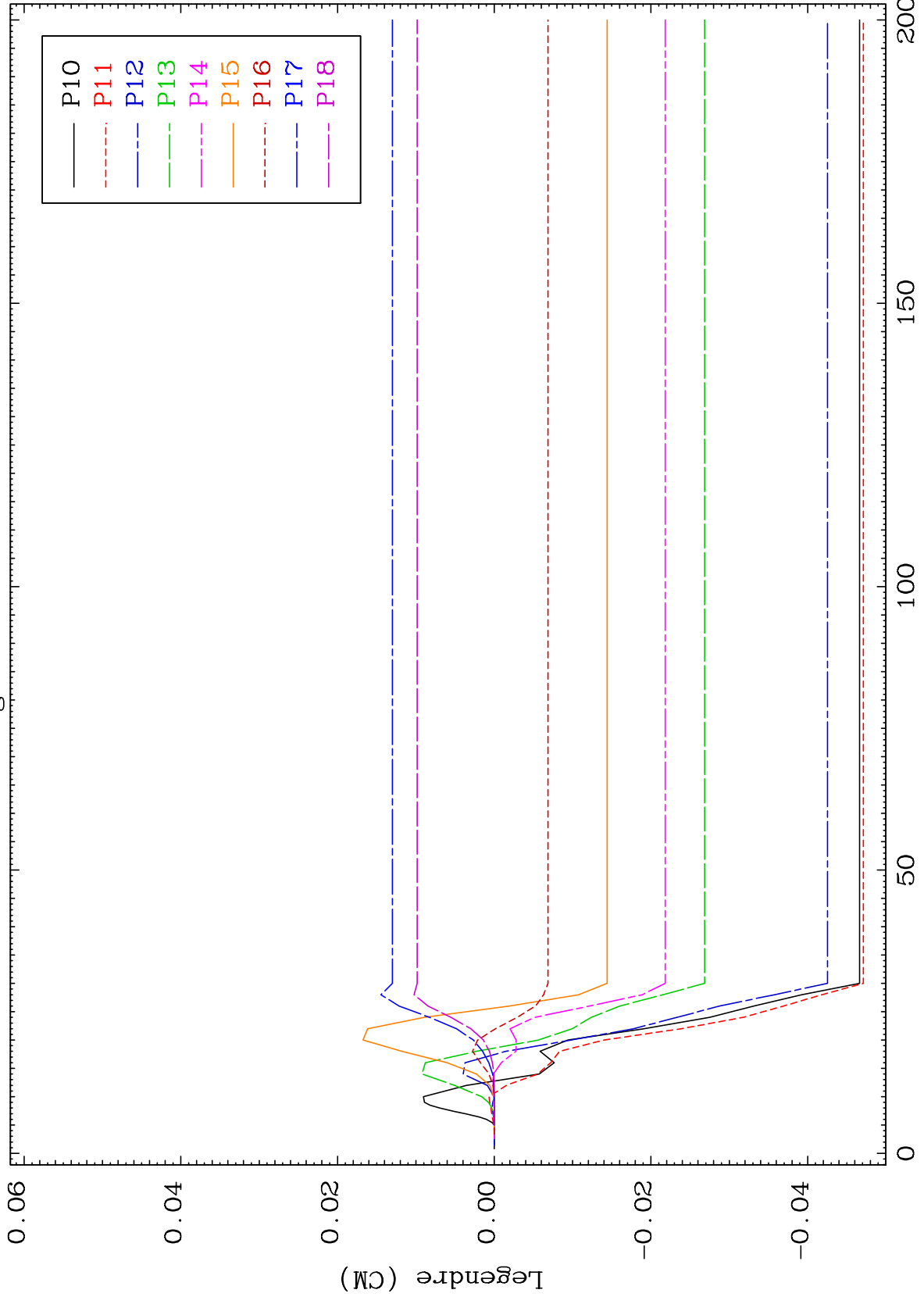
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



39

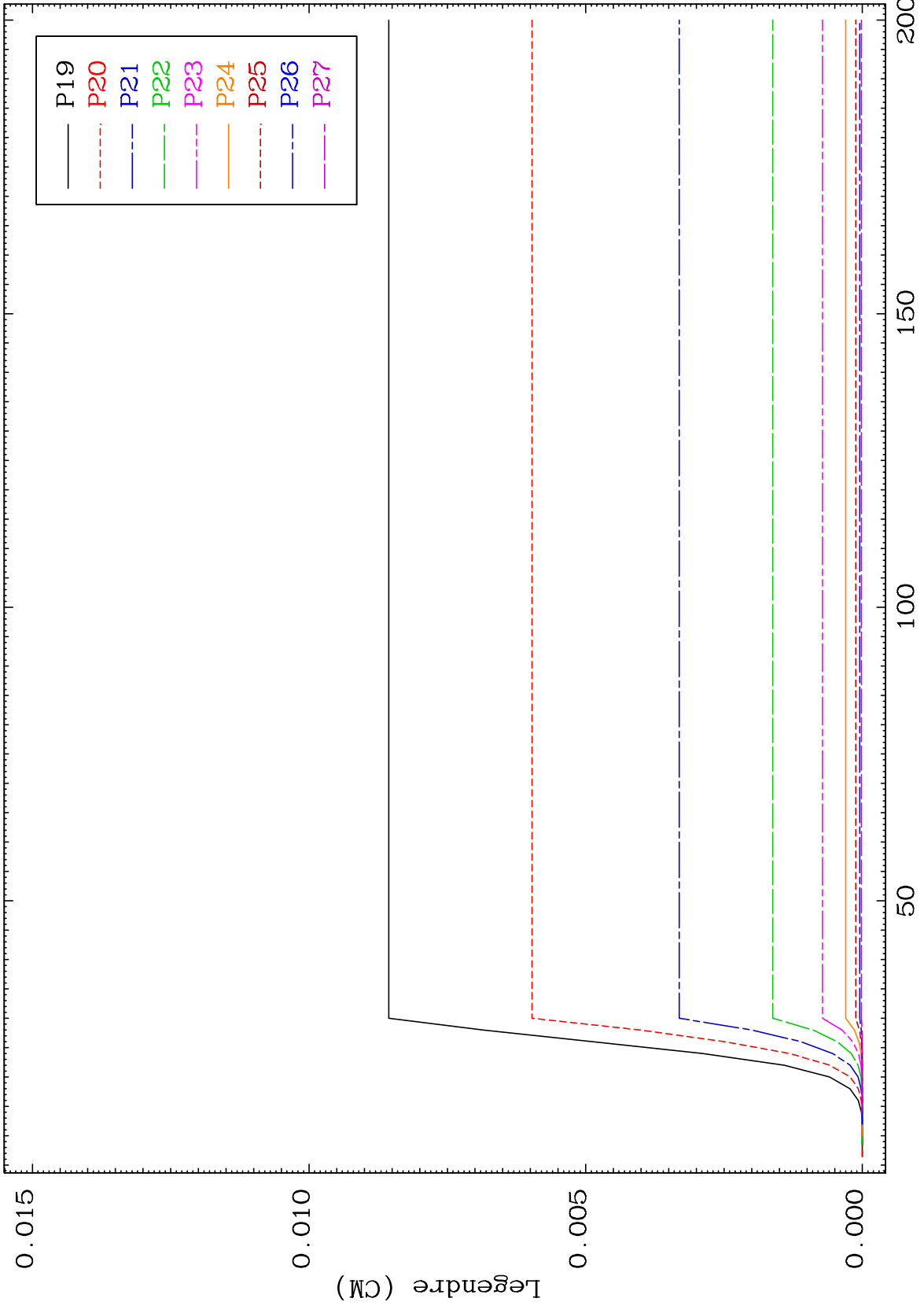
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



40

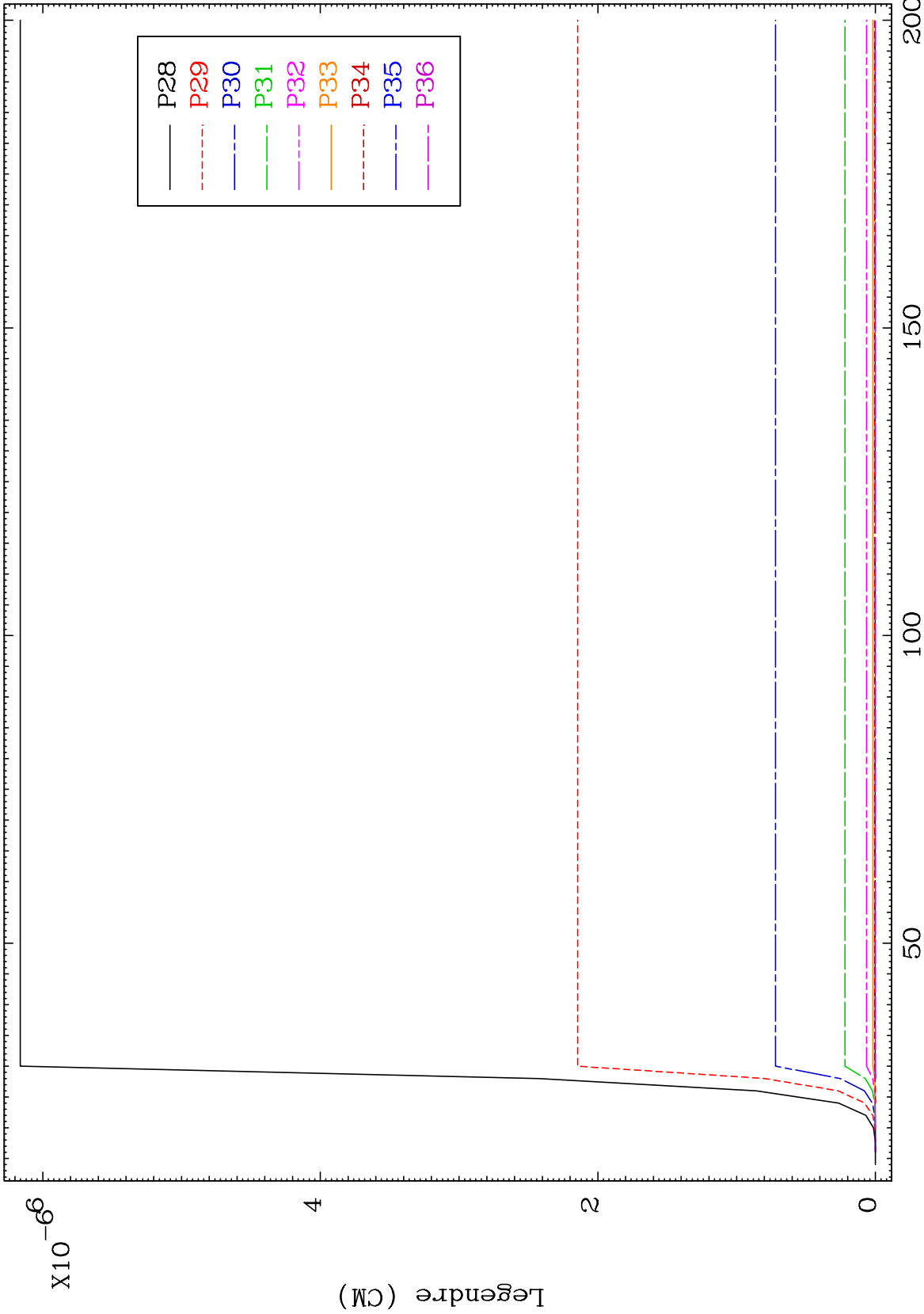
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



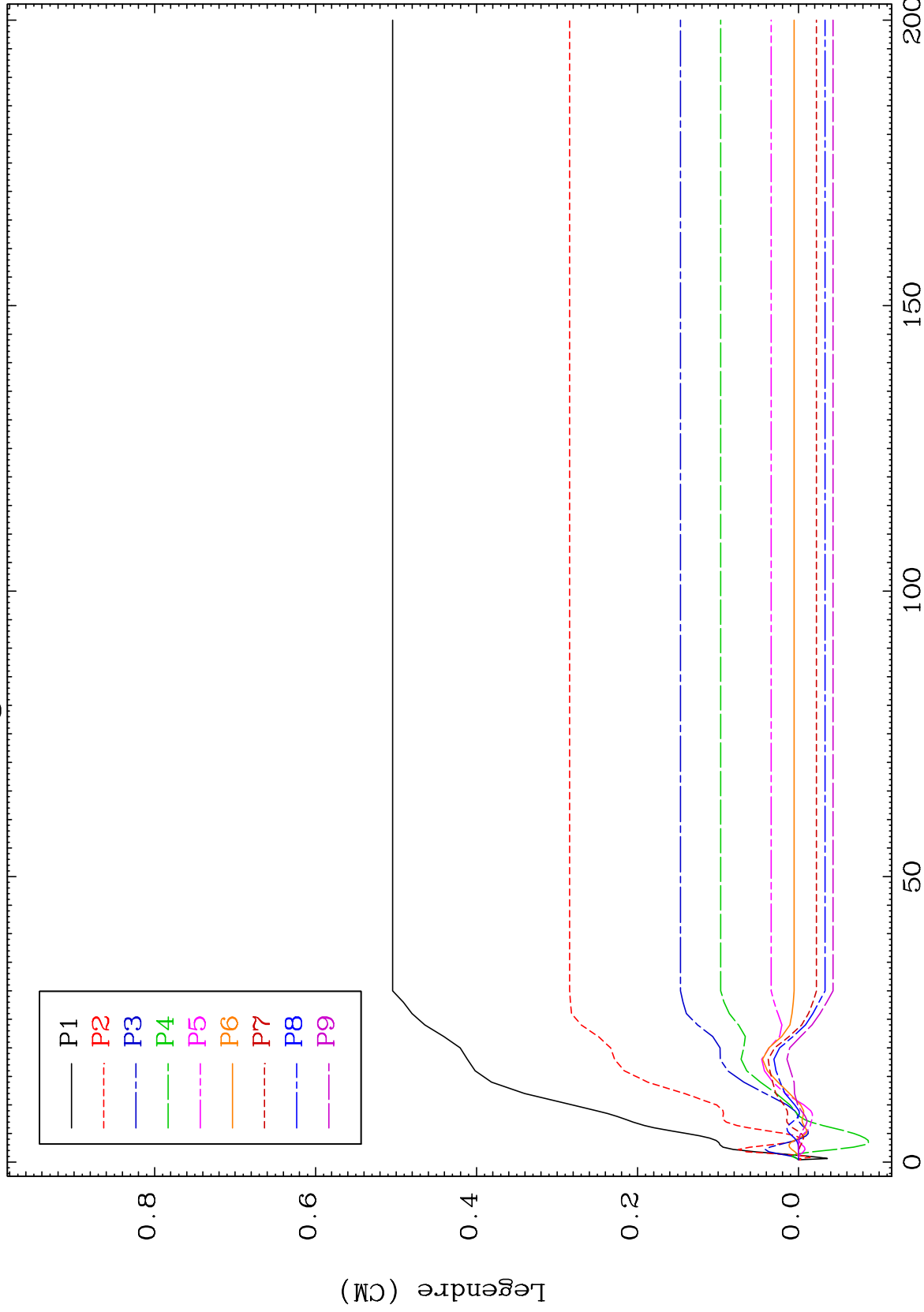
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60-Nd-133

MAT 5998

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

60-Nd-133



42

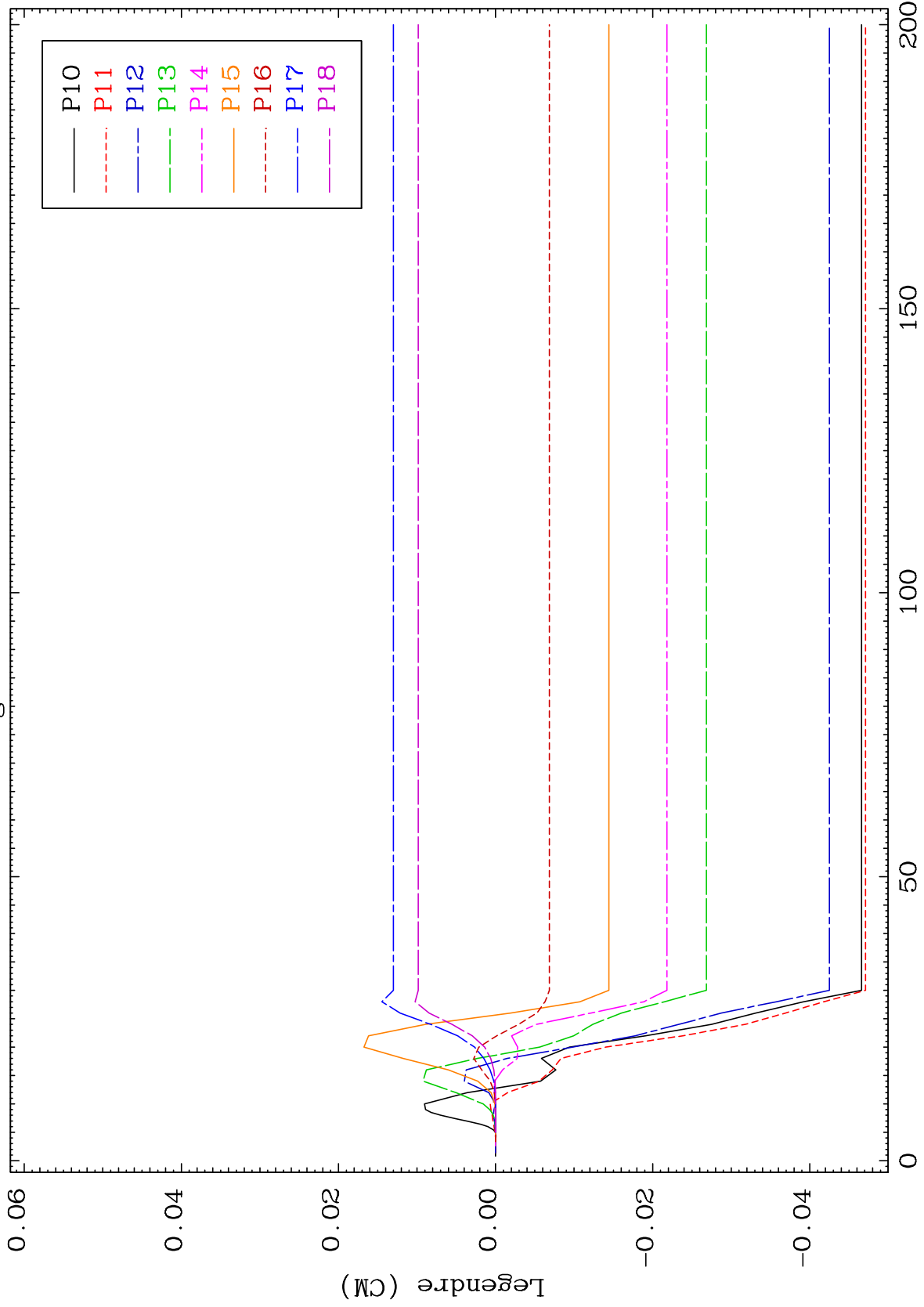
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



43

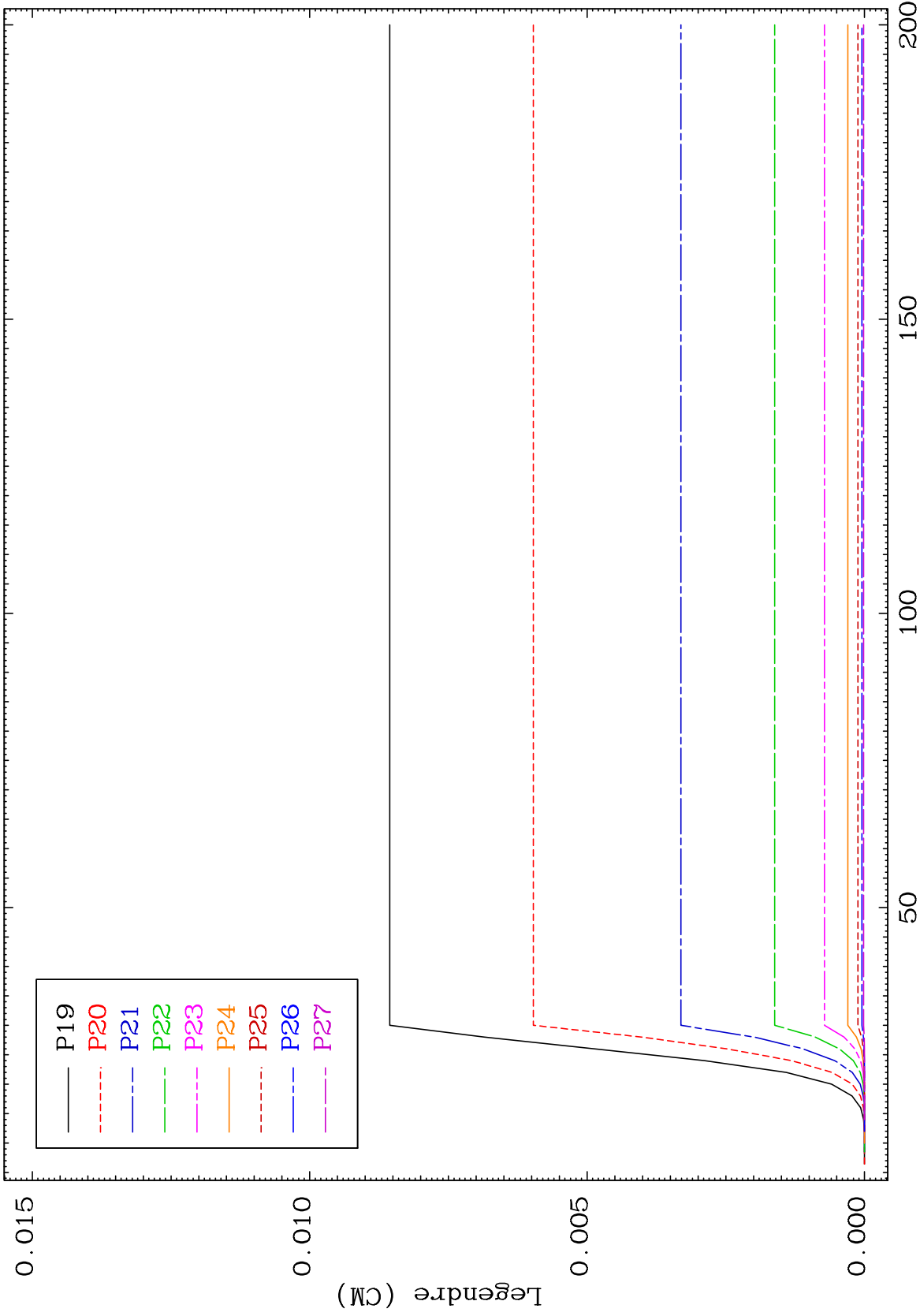
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



44

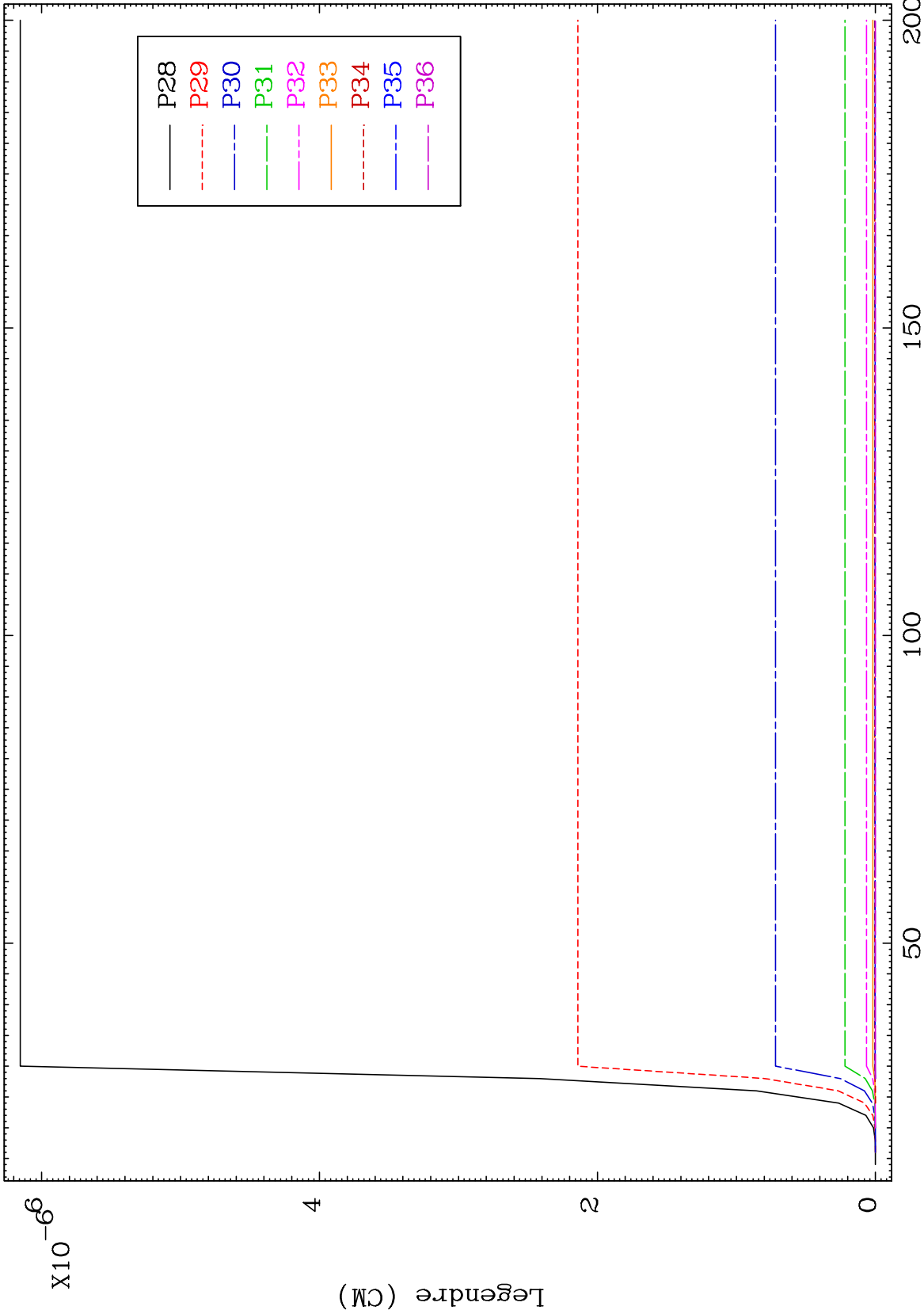
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133

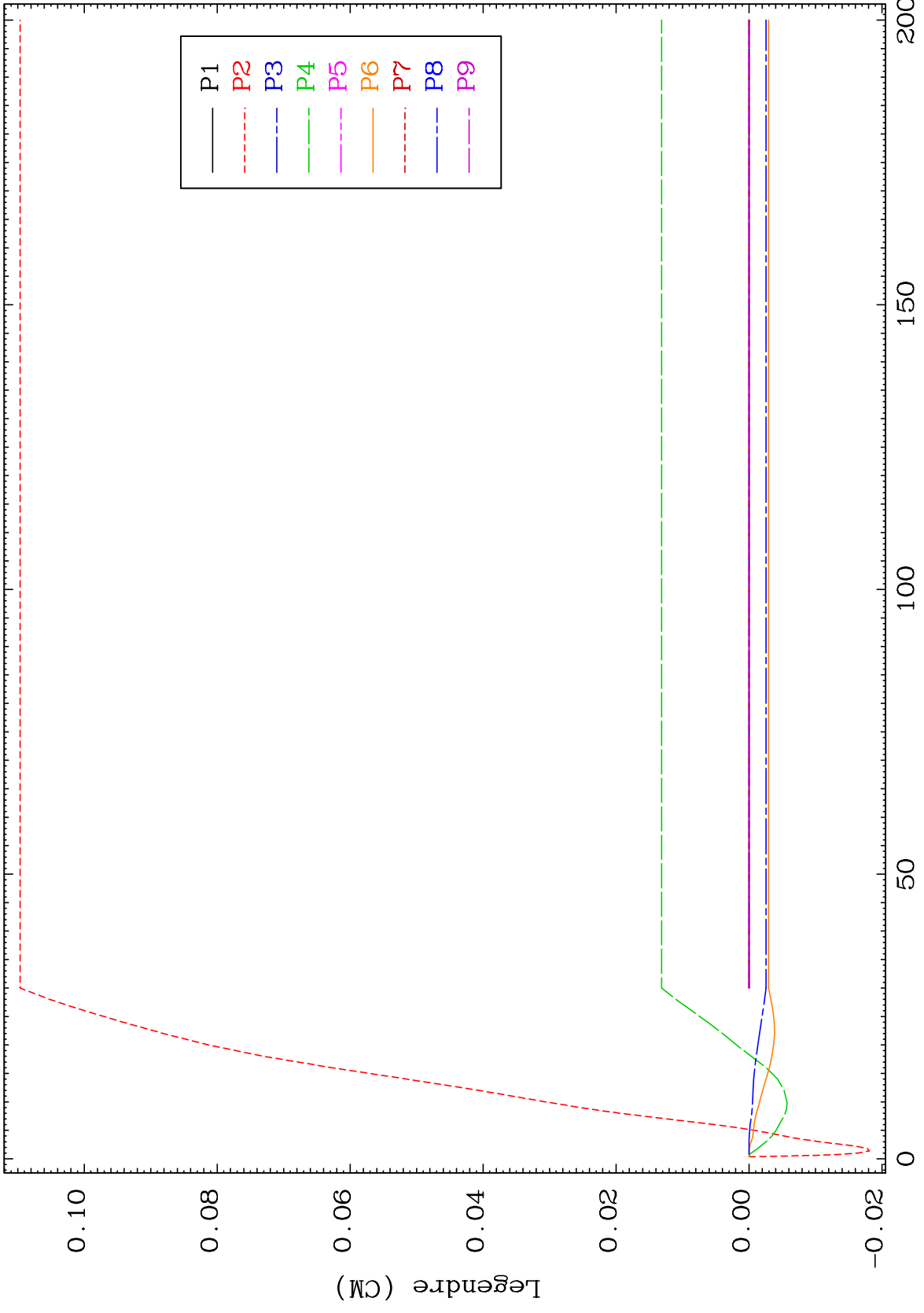


45

Incident Energy (MeV)

60-Nd-133

MAT 5998 MT= 58 (n,n') Level Legendre Coefficients 60-Nd-133

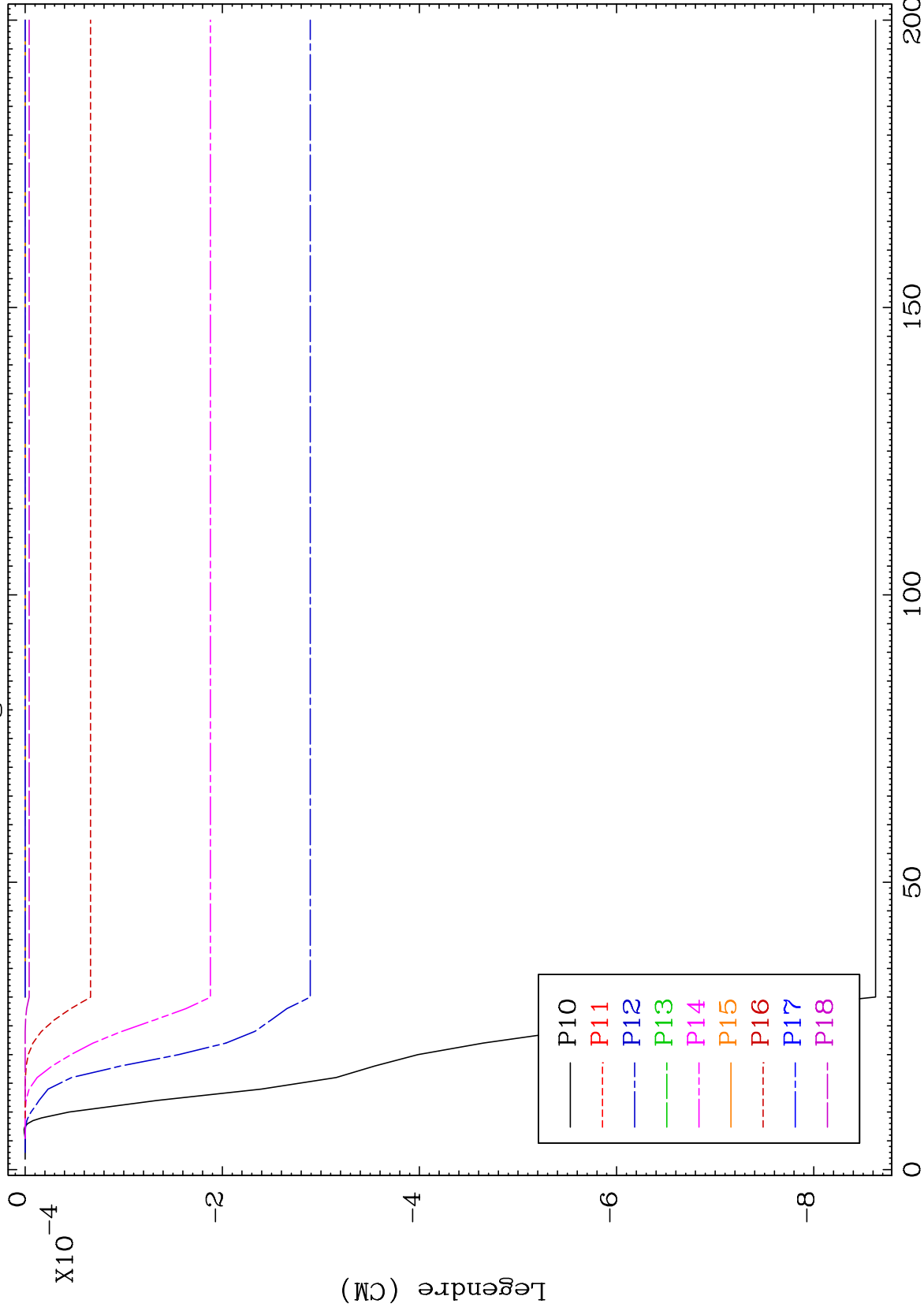


46 60-Nd-133

MAT 5998

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

60-Nd-133

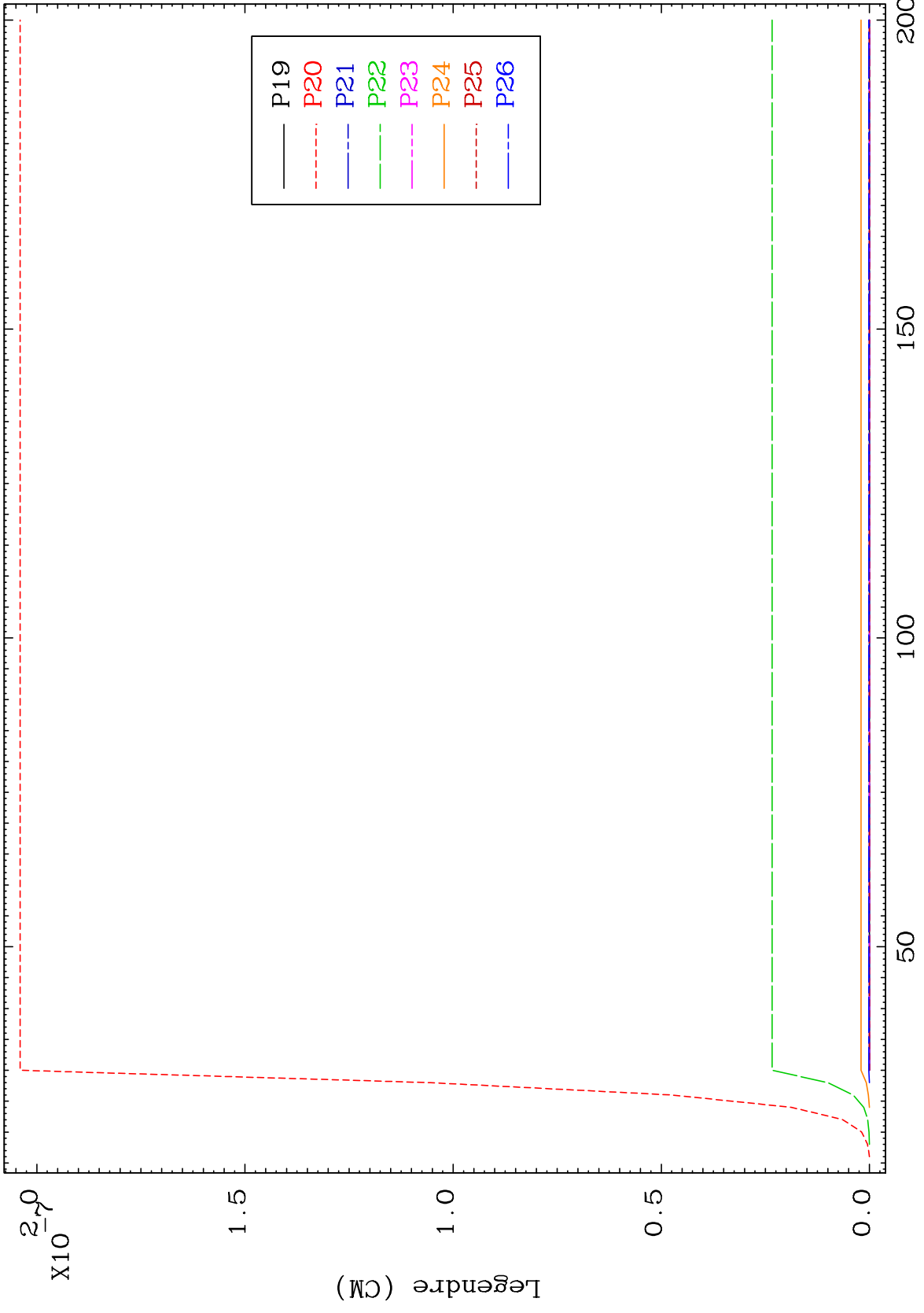


60-Nd-133

Incident Energy (MeV)

47

MAT 5998 MT= 58 (n,n') Level Legendre Coefficients 60-Nd-133

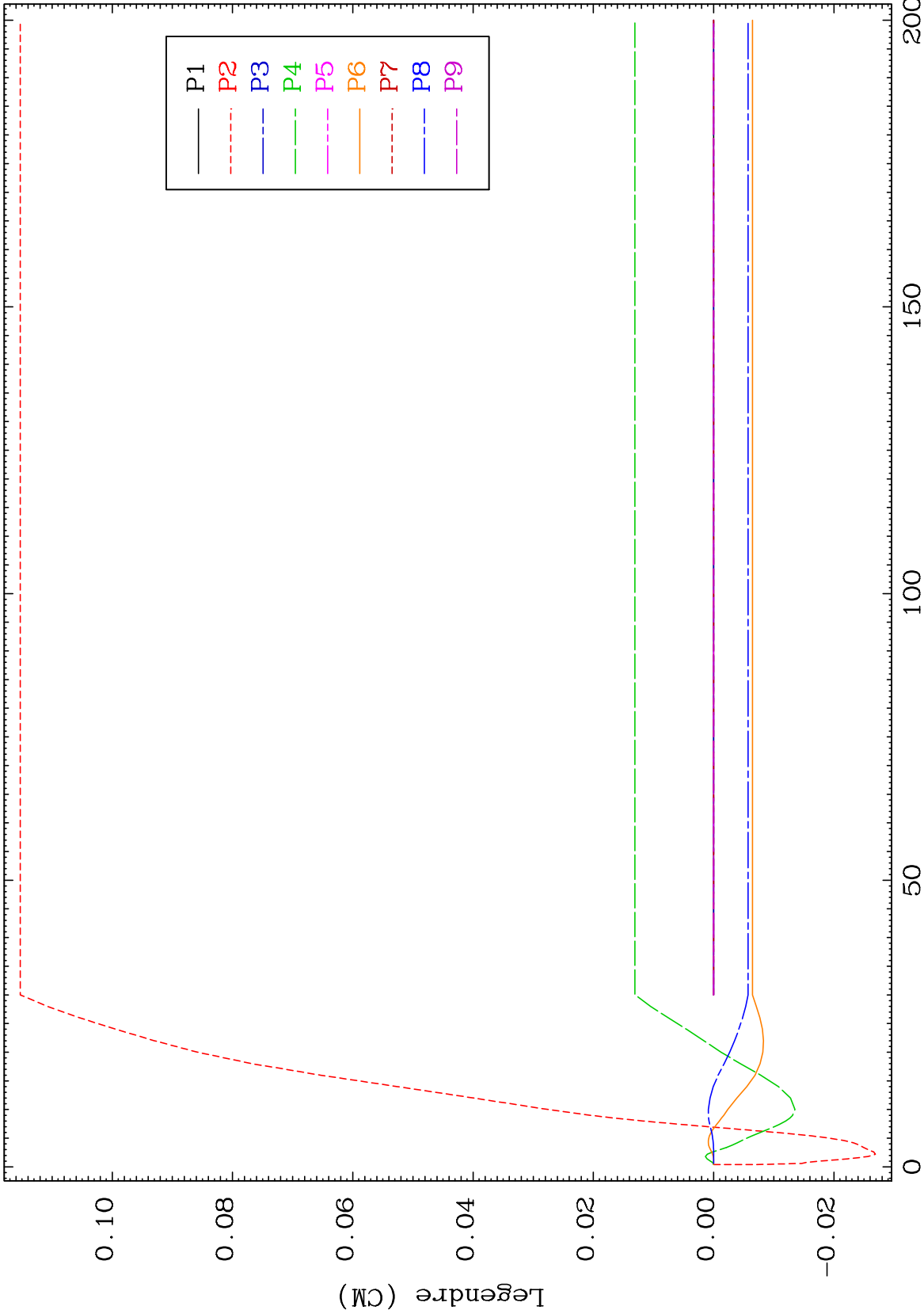


48 Incident Energy (MeV) 60-Nd-133

MAT 5998

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

60-Nd-133



49

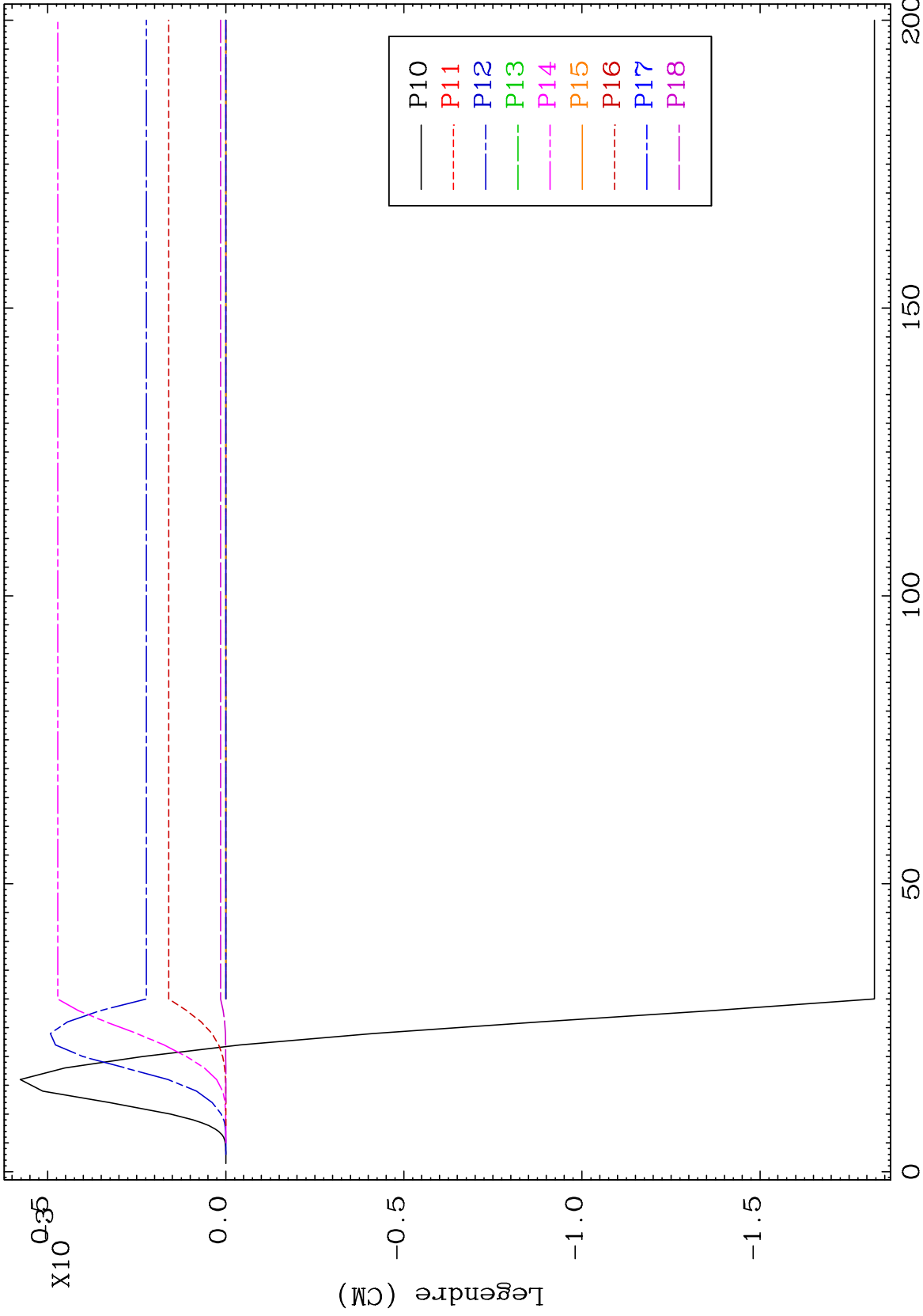
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



50

Incident Energy (MeV)

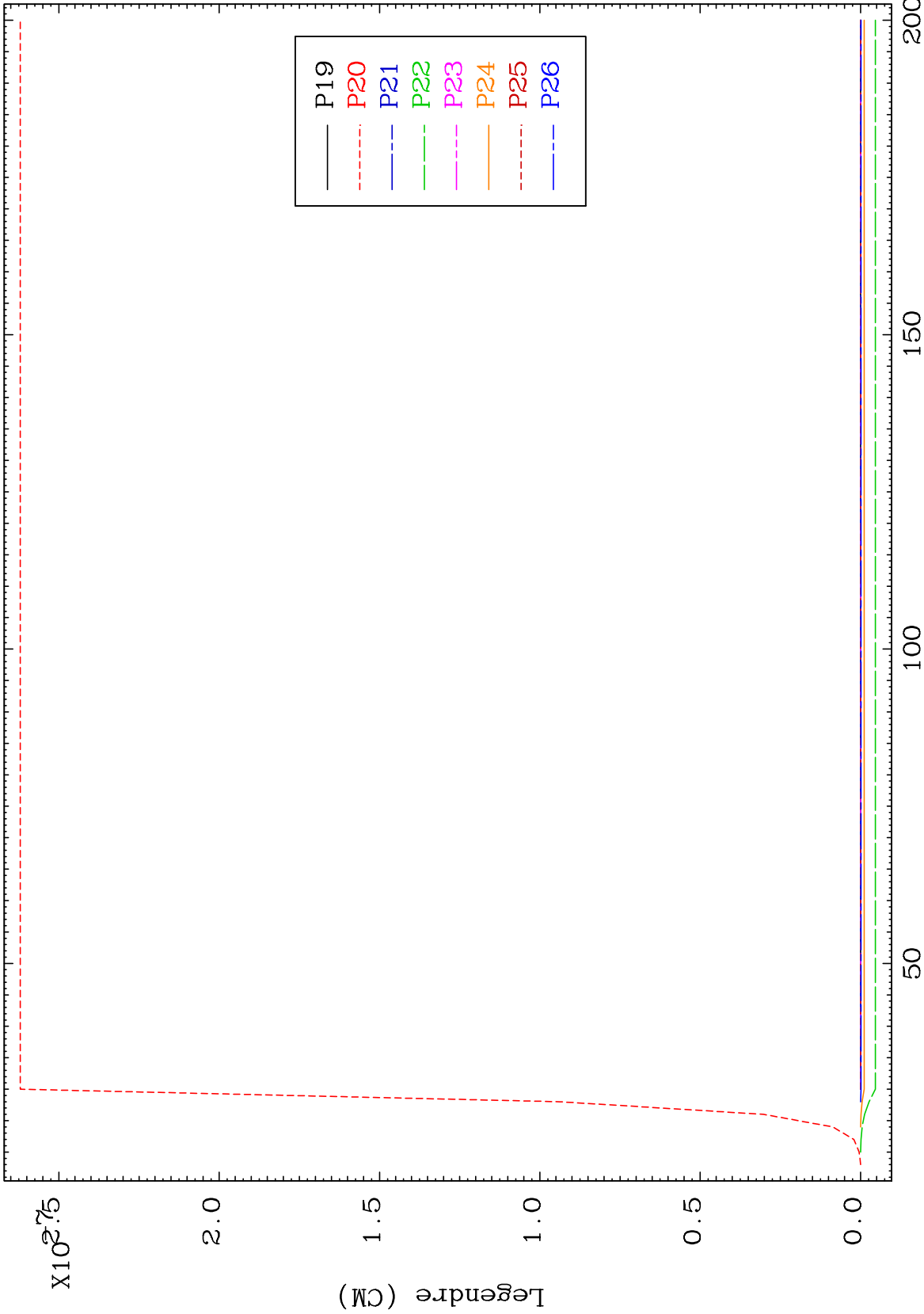
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60-Nd-133

MAT 5998

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

60-Nd-133

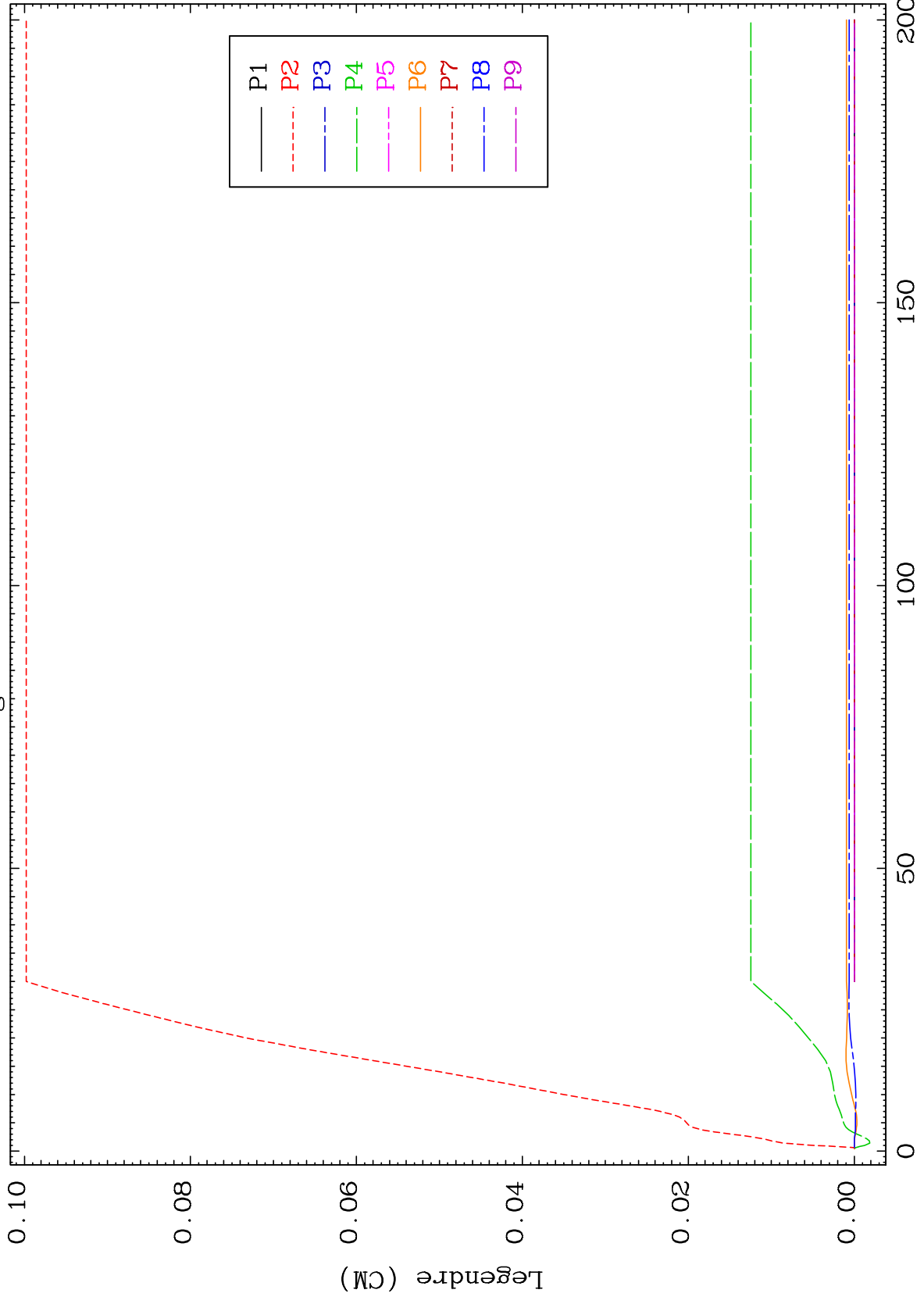


51

Incident Energy (MeV)

60-Nd-133

MAT 5998 MT= 60 (n,n') Level Legendre Coefficients 60-Nd-133

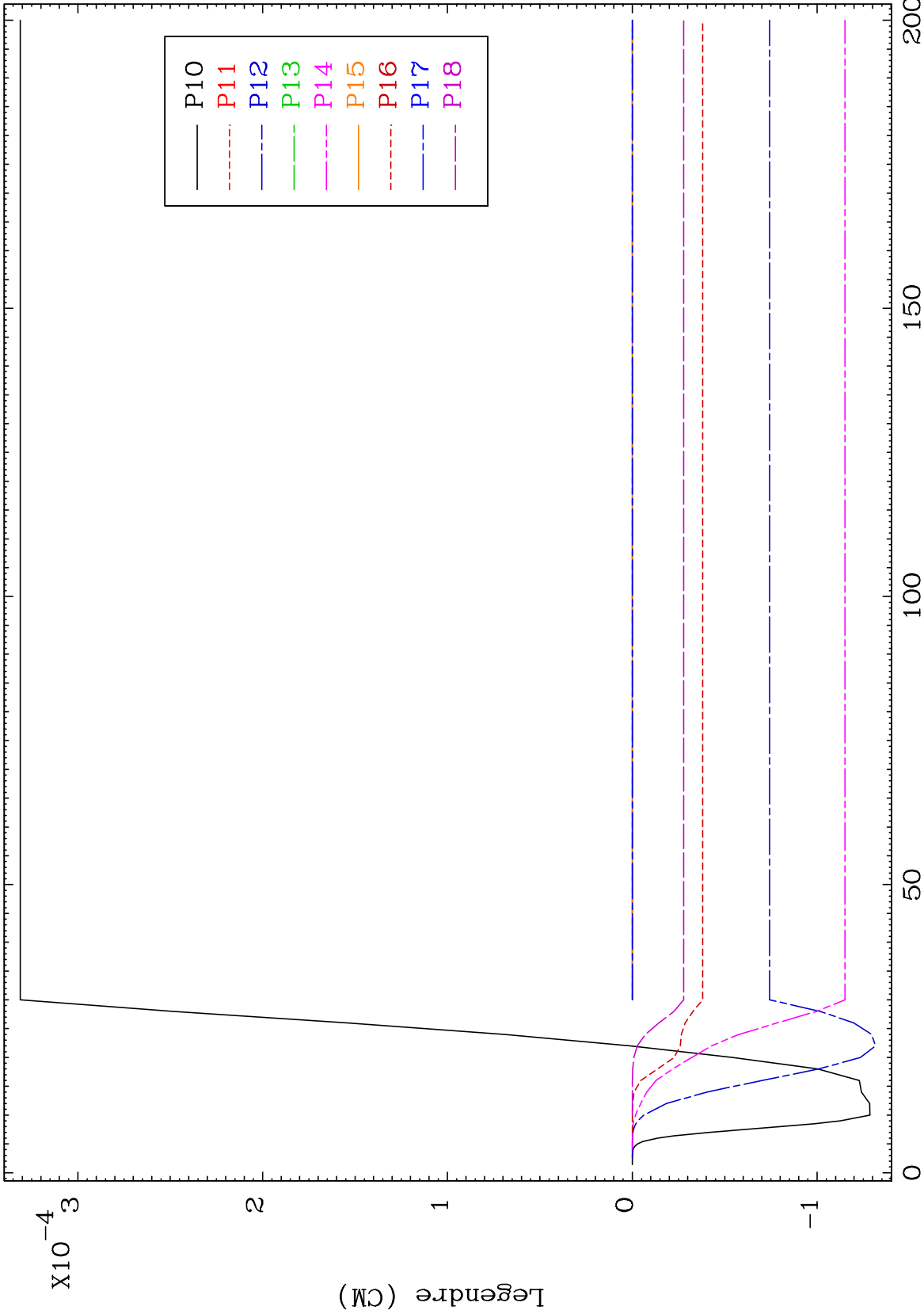


52 Incident Energy (MeV) 60-Nd-133

MAT 5998

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

60-Nd-133



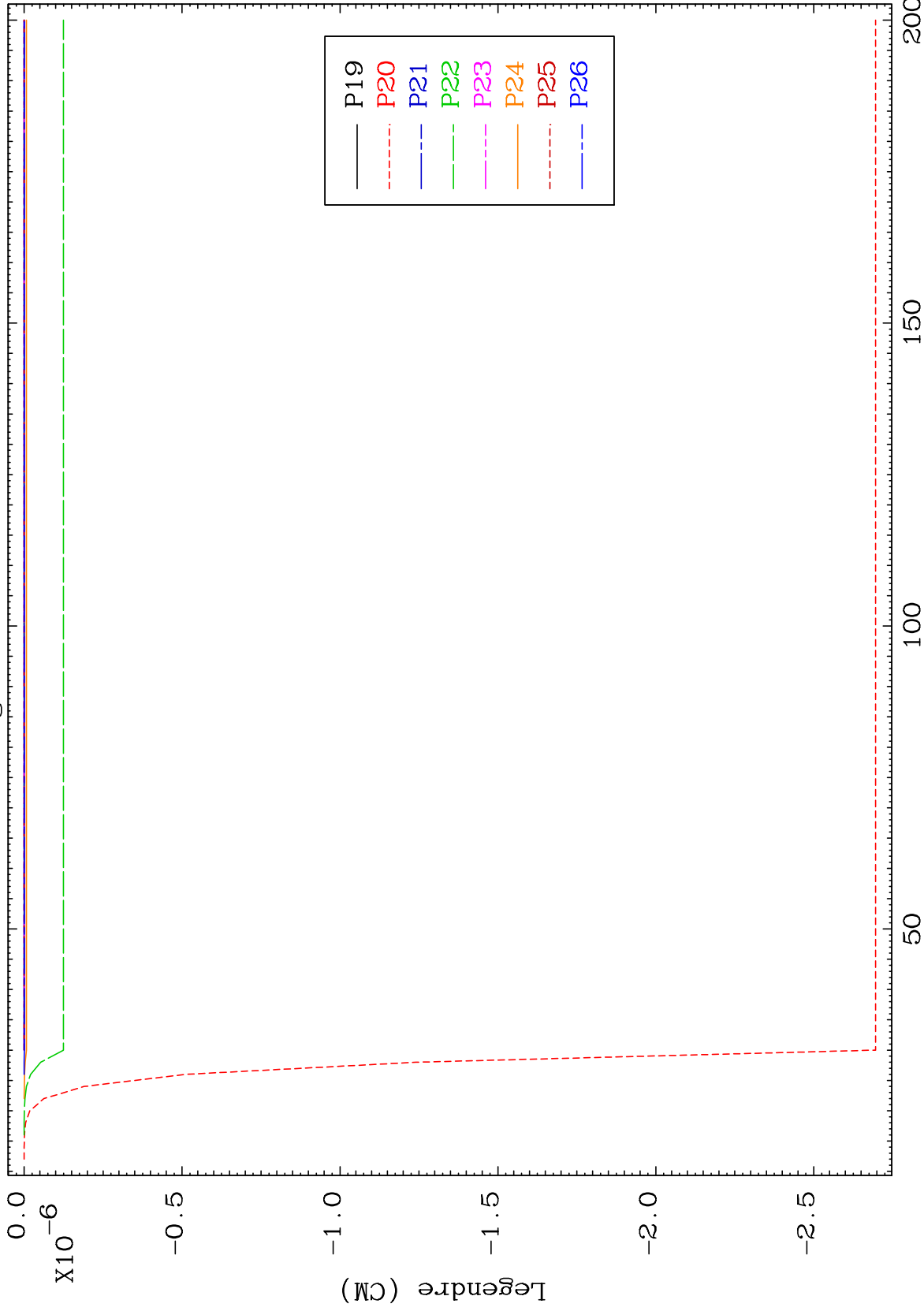
53

Incident Energy (MeV)

60-Nd-133

MAT 5998 MT= 60 (n,n') Level 60-Nd-133

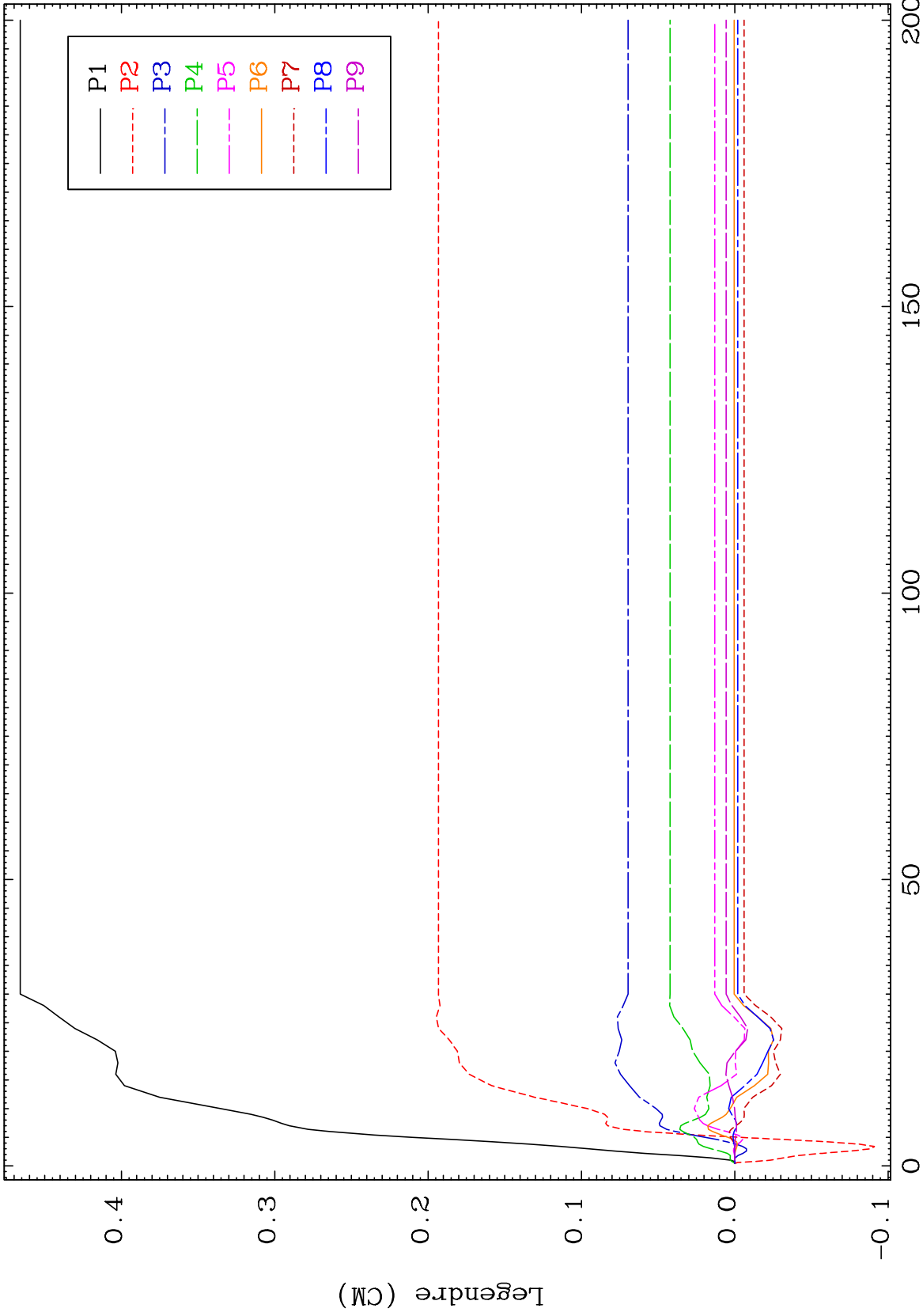
Legendre Coefficients



MAT 5998

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

60-Nd-133



55

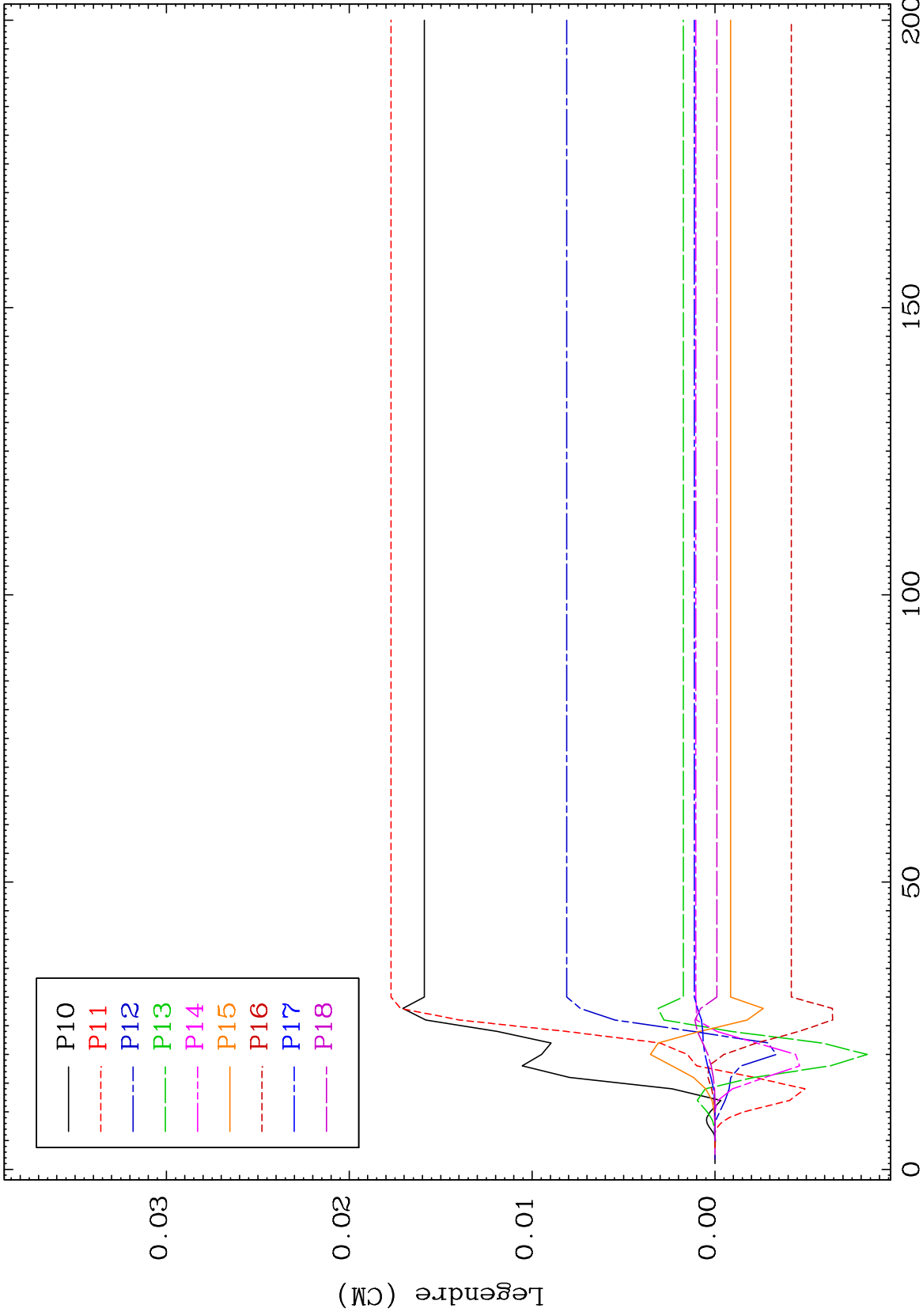
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



56

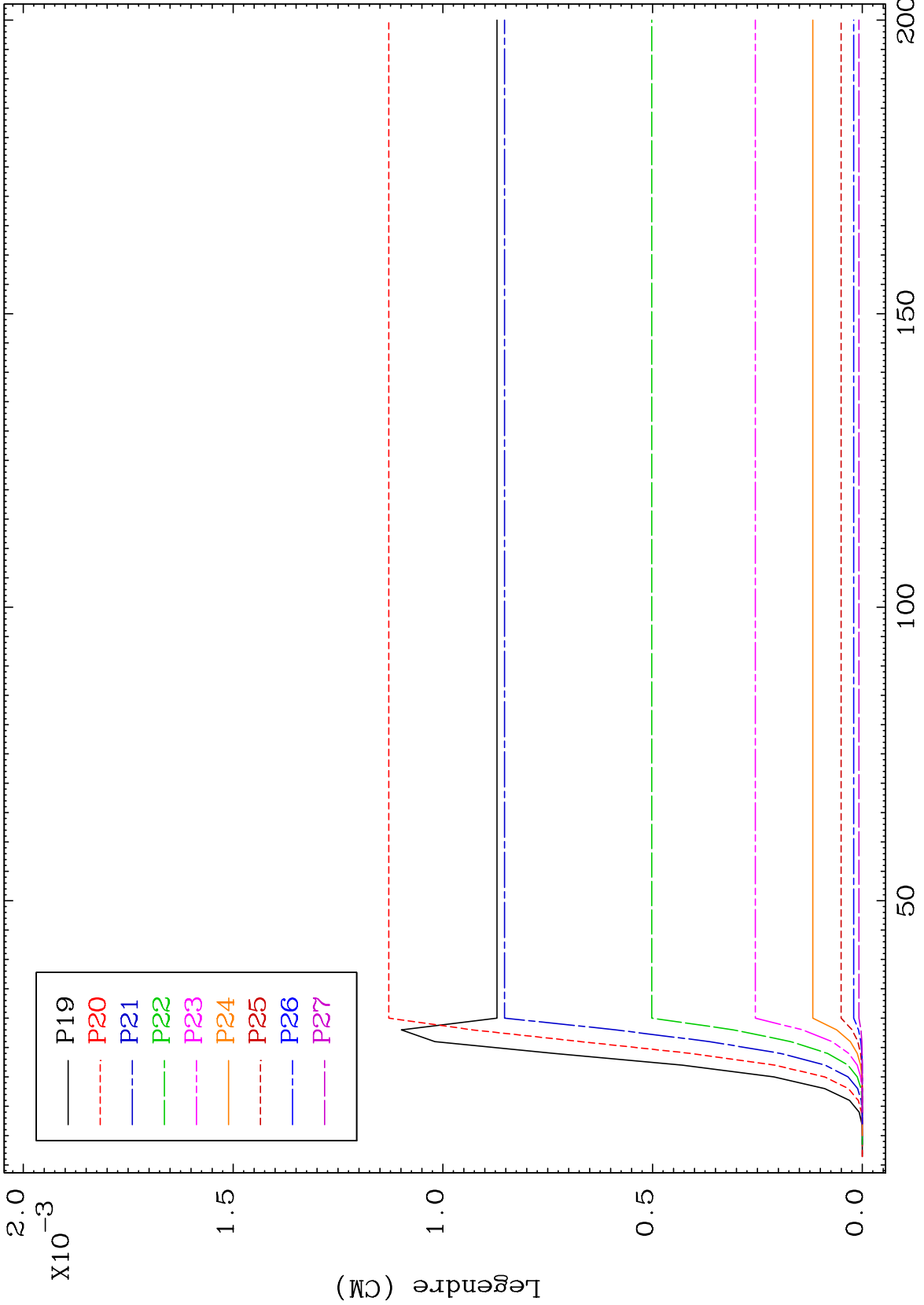
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



57

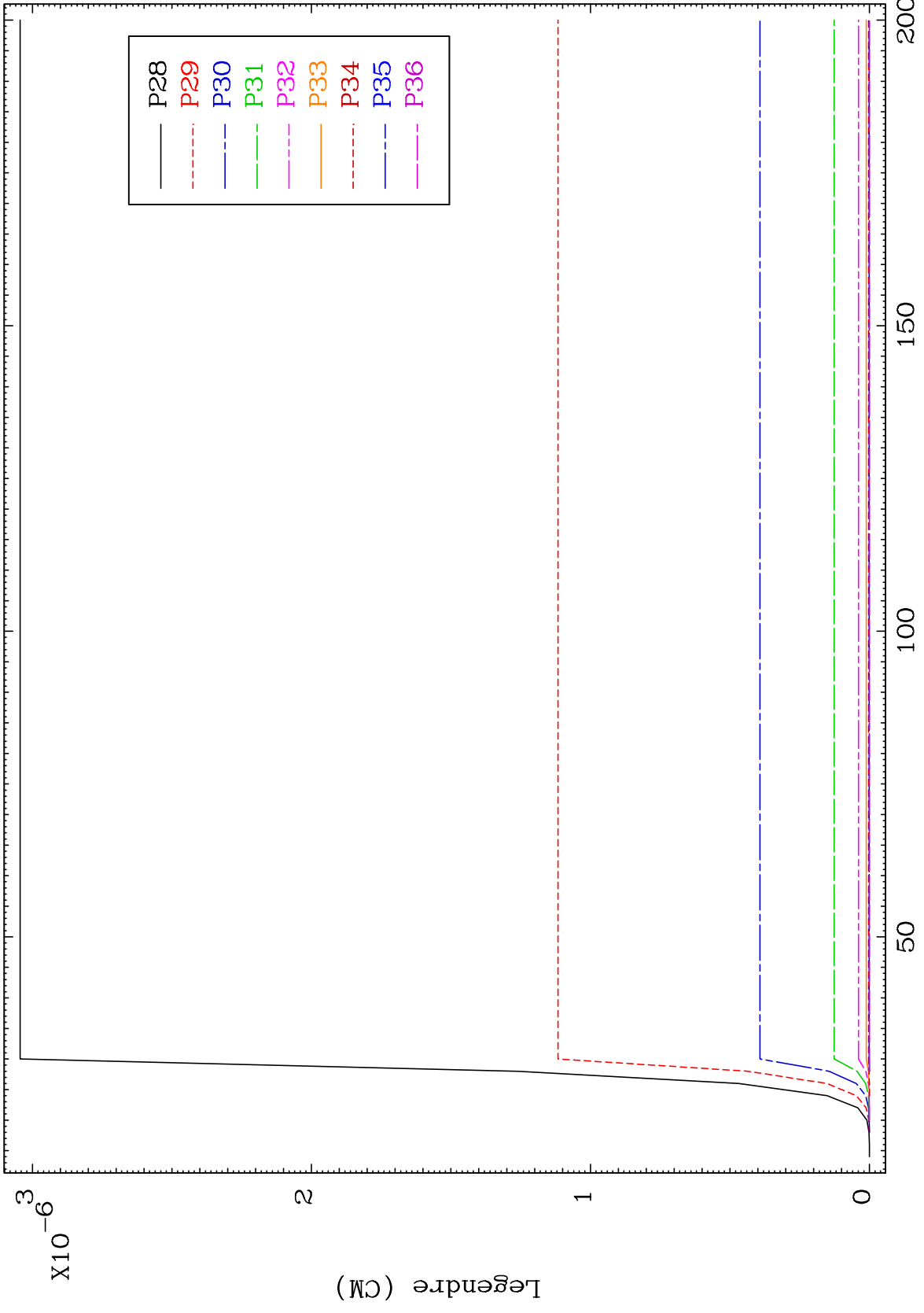
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



58

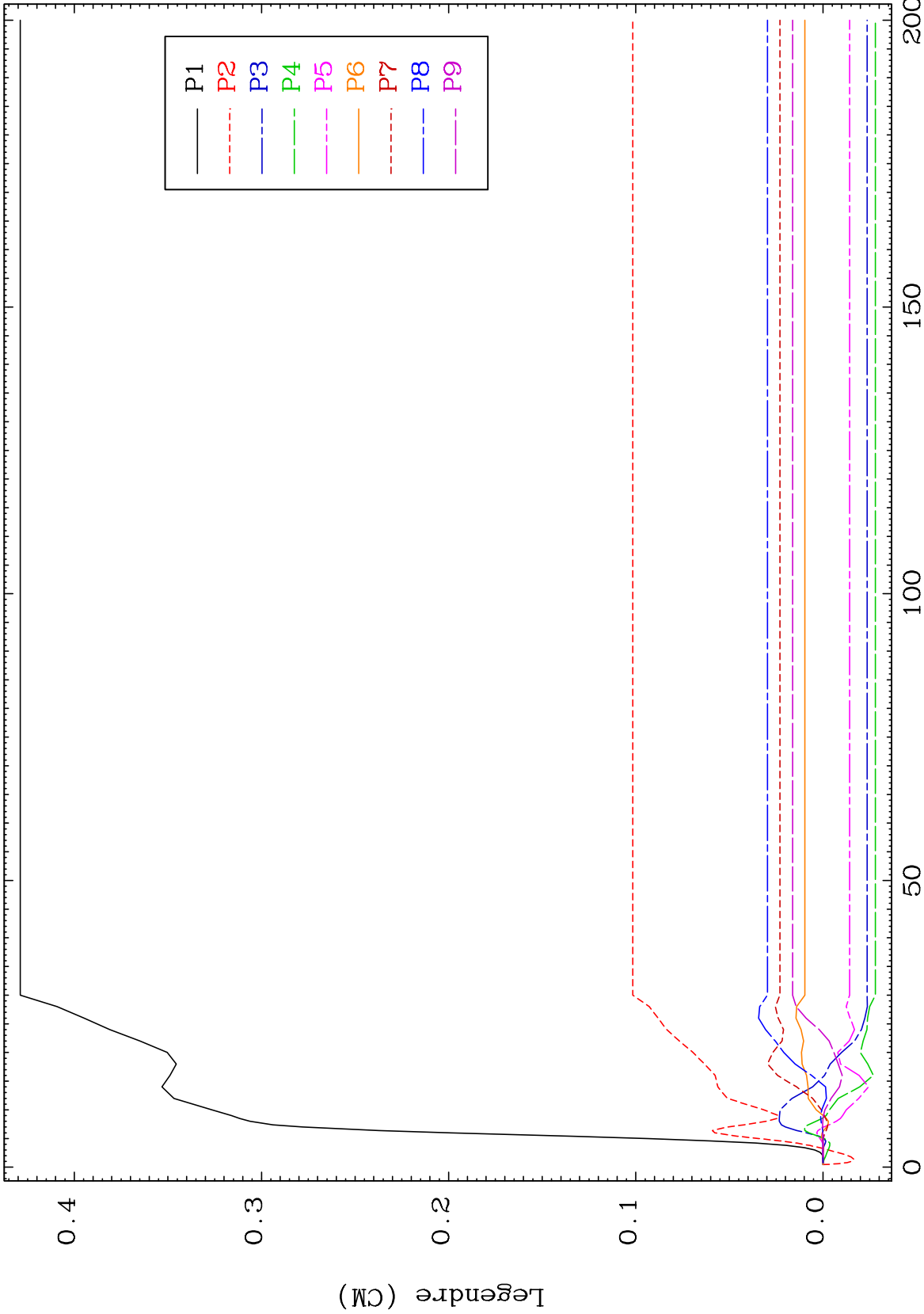
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

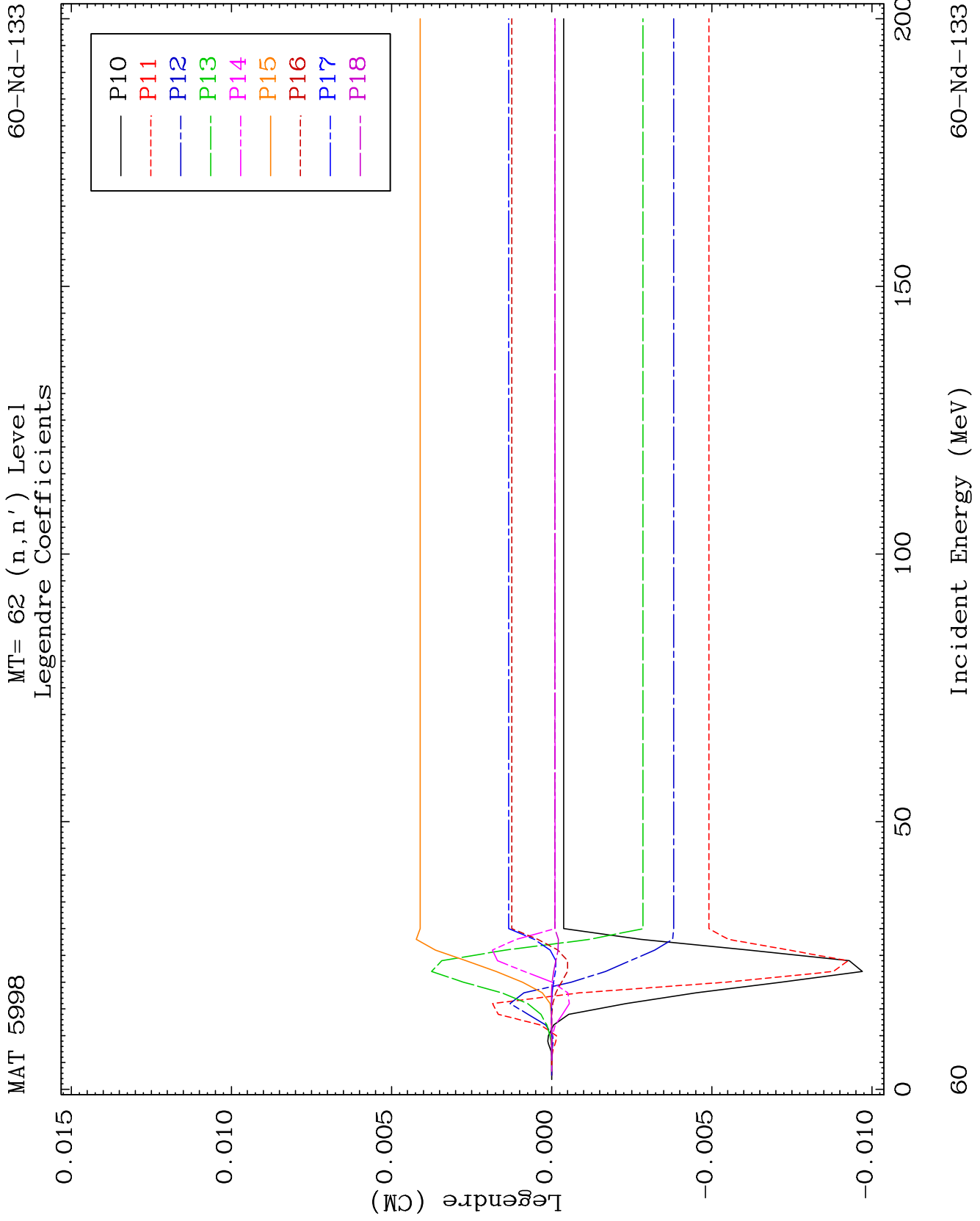
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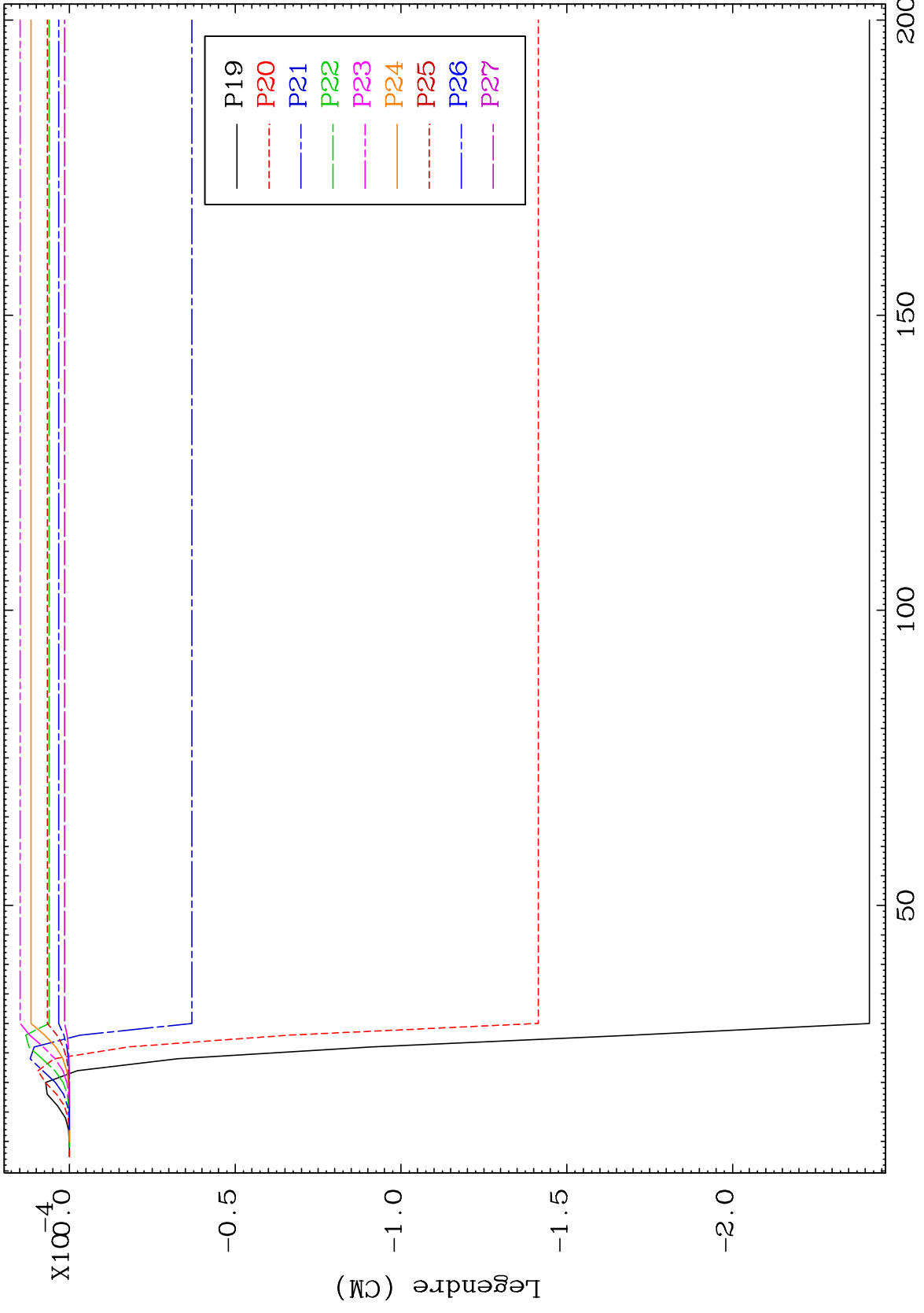
59

Incident Energy (MeV)

60-Nd-133



MAT 5998 MT= 62 (n,n') Level Legendre Coefficients 60-Nd-133

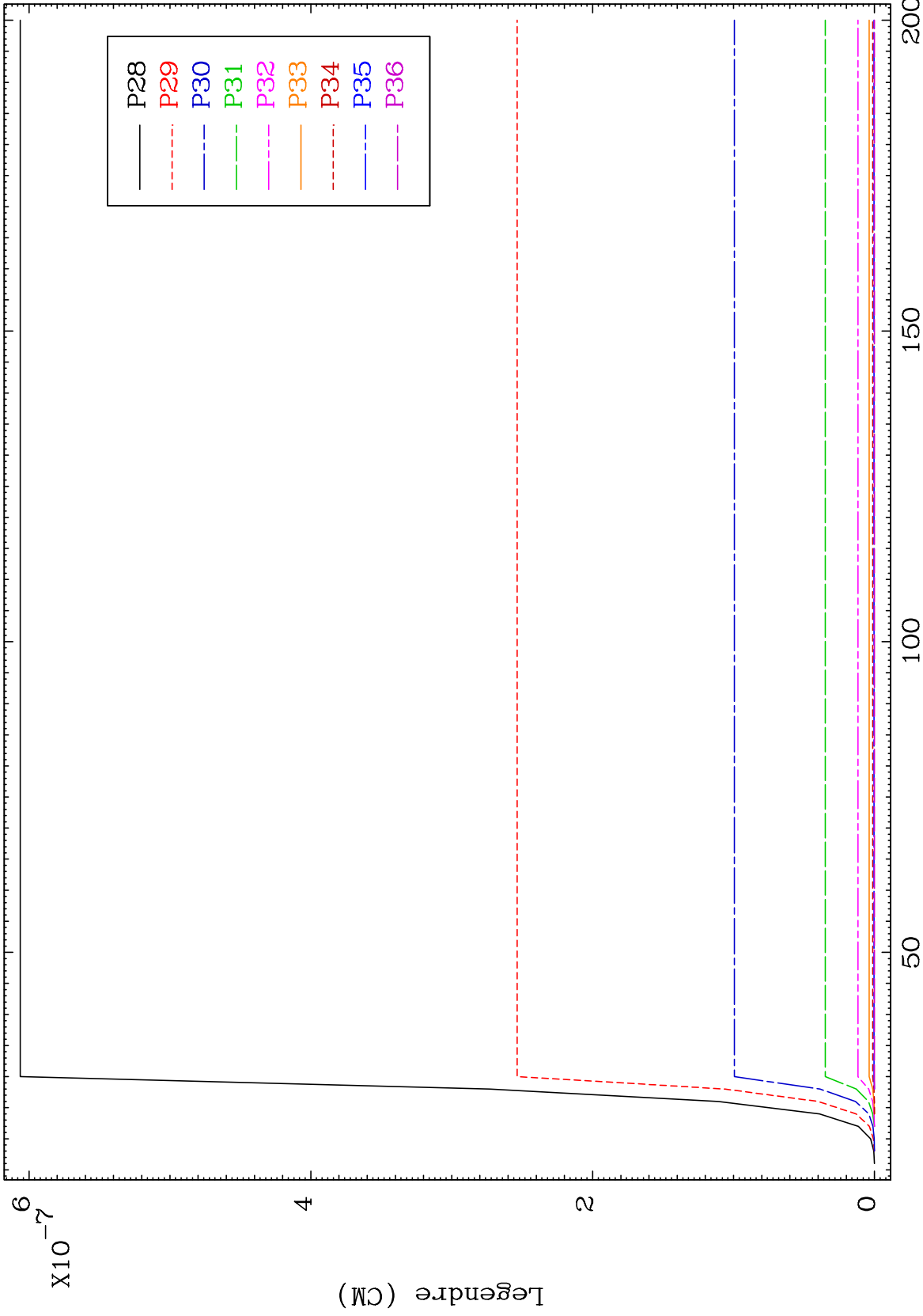


61 Incident Energy (MeV) 60-Nd-133

MAT 5998

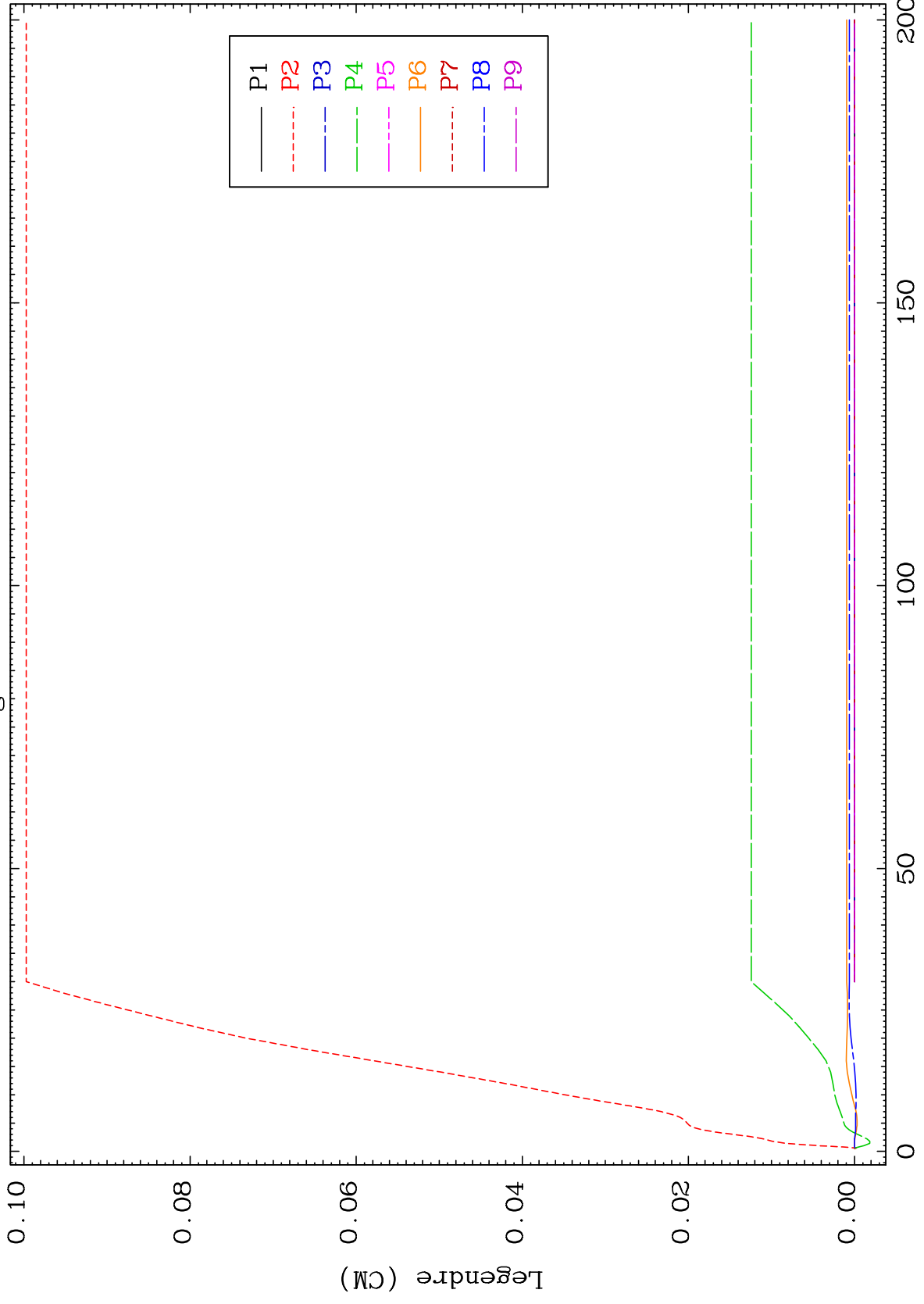
MT= 62 (n,n') Level
Legendre Coefficients

60-Nd-133



62

MAT 5998 MT= 63 (n,n') Level Legendre Coefficients 60-Nd-133

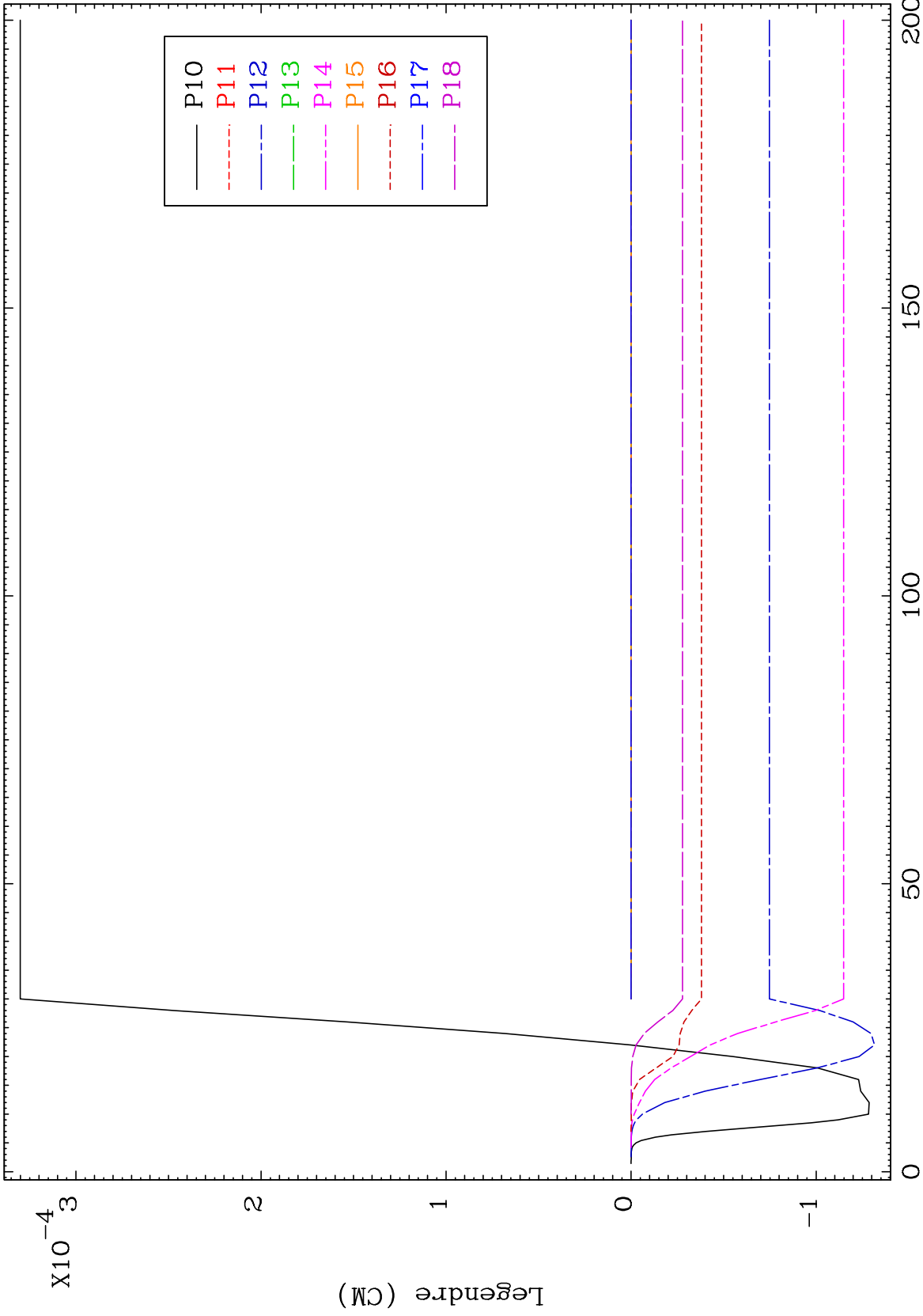


63 60-Nd-133 Incident Energy (MeV)

MAT 5998

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

60-Nd-133



64

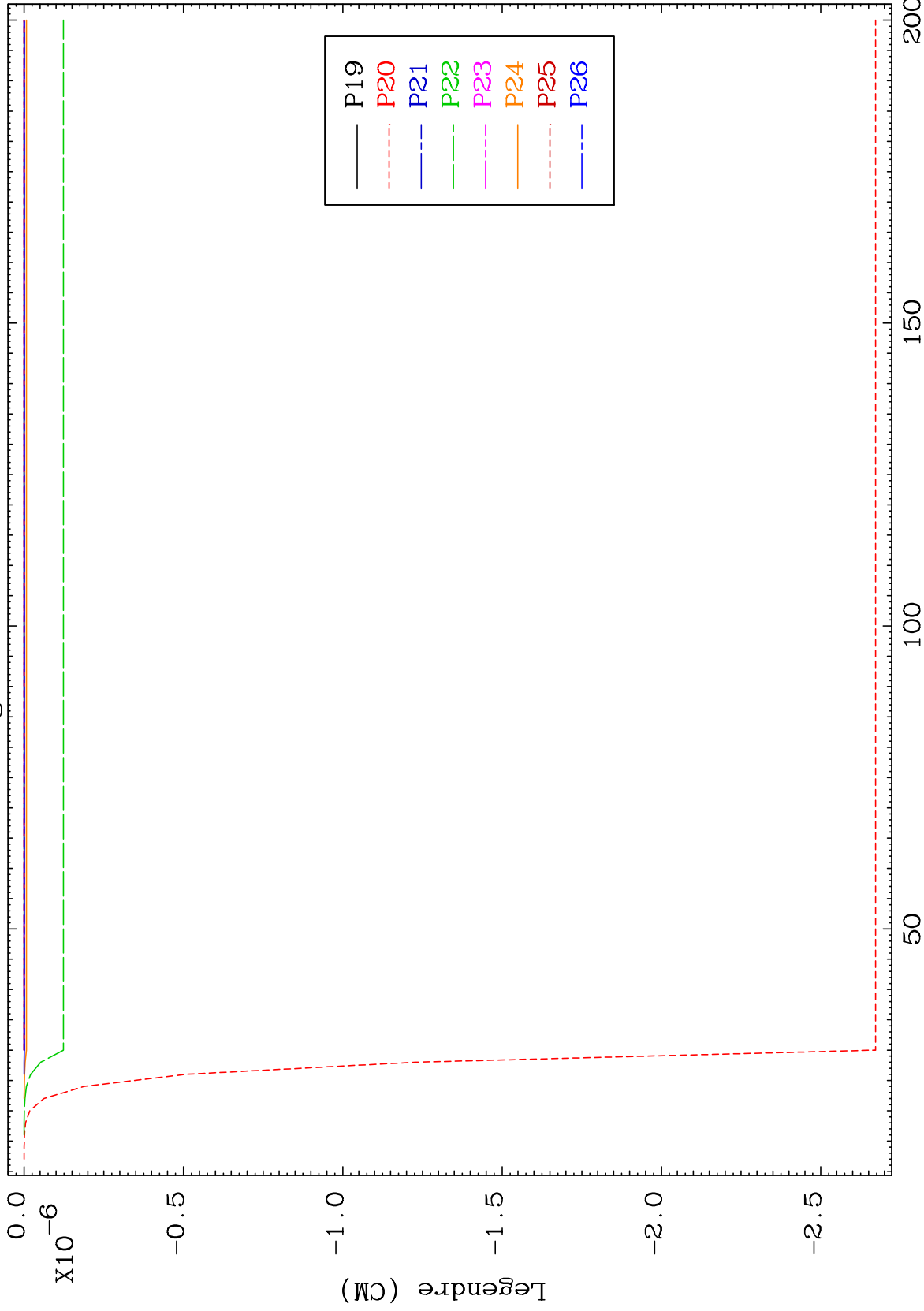
Incident Energy (MeV)

60-Nd-133

MAT 5998 MT= 63 (n,n') Level

Legendre Coefficients

60-Nd-133



60-Nd-133

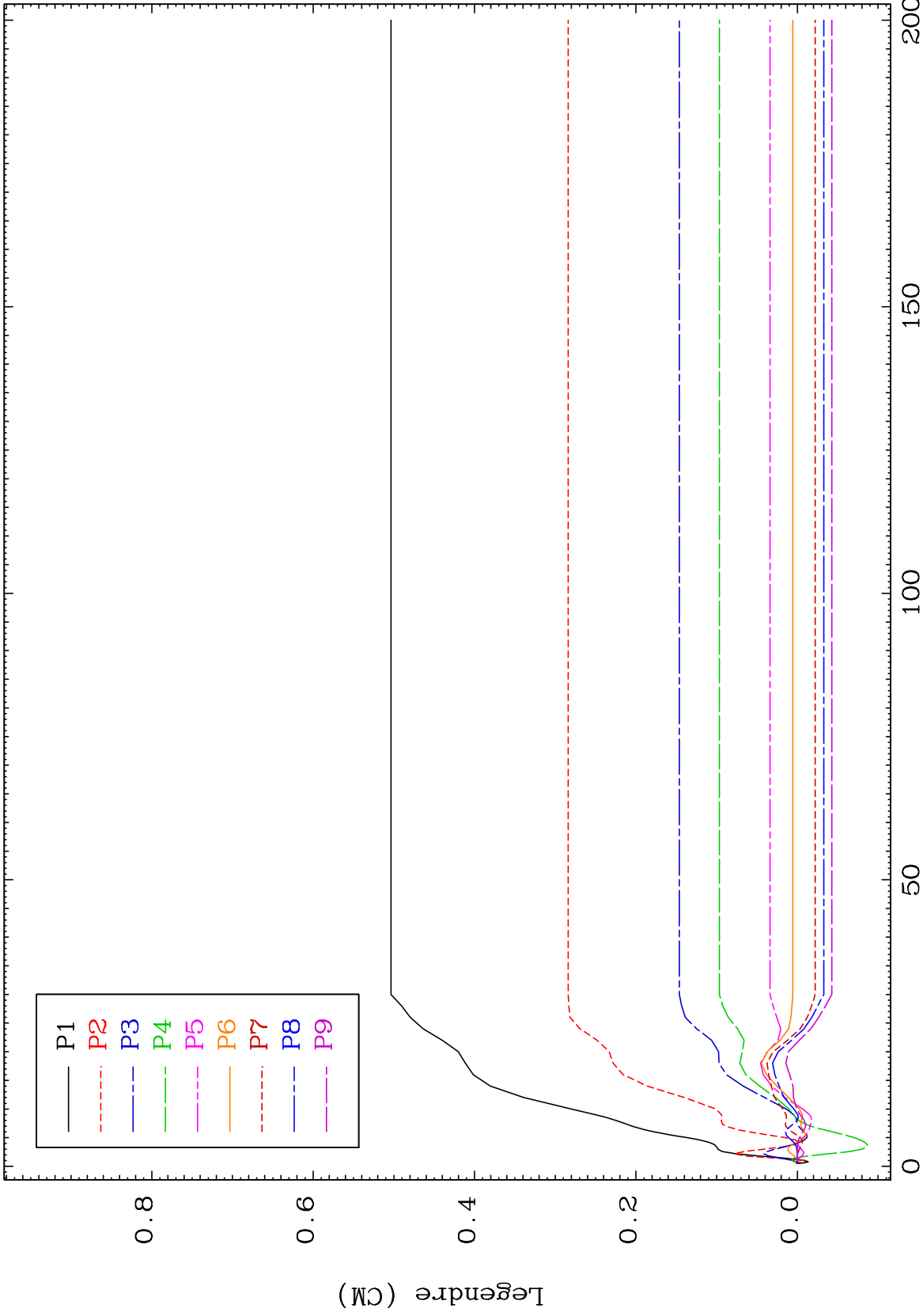
Incident Energy (MeV)

65

MAT 5998

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

60-Nd-133



66

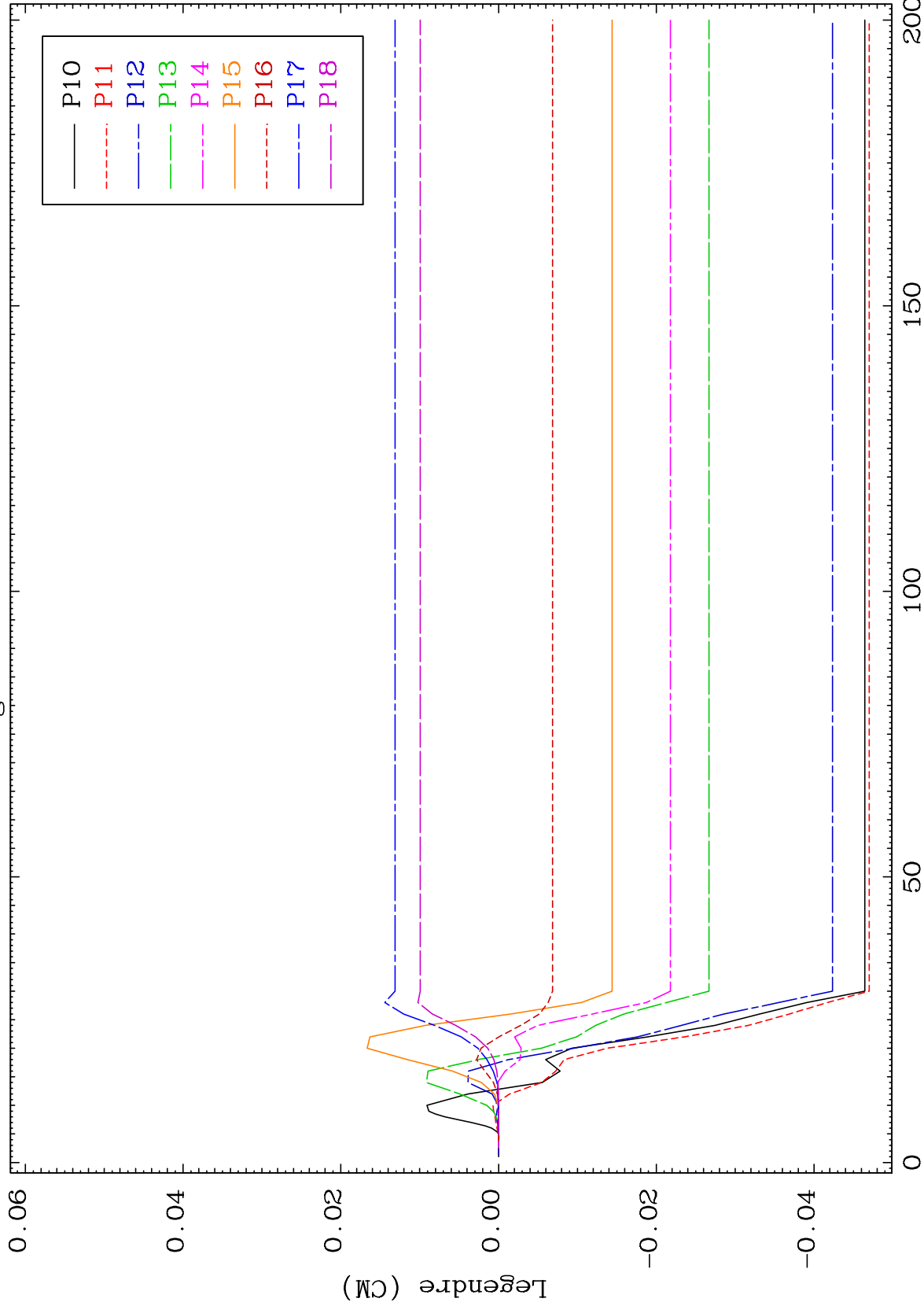
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



67

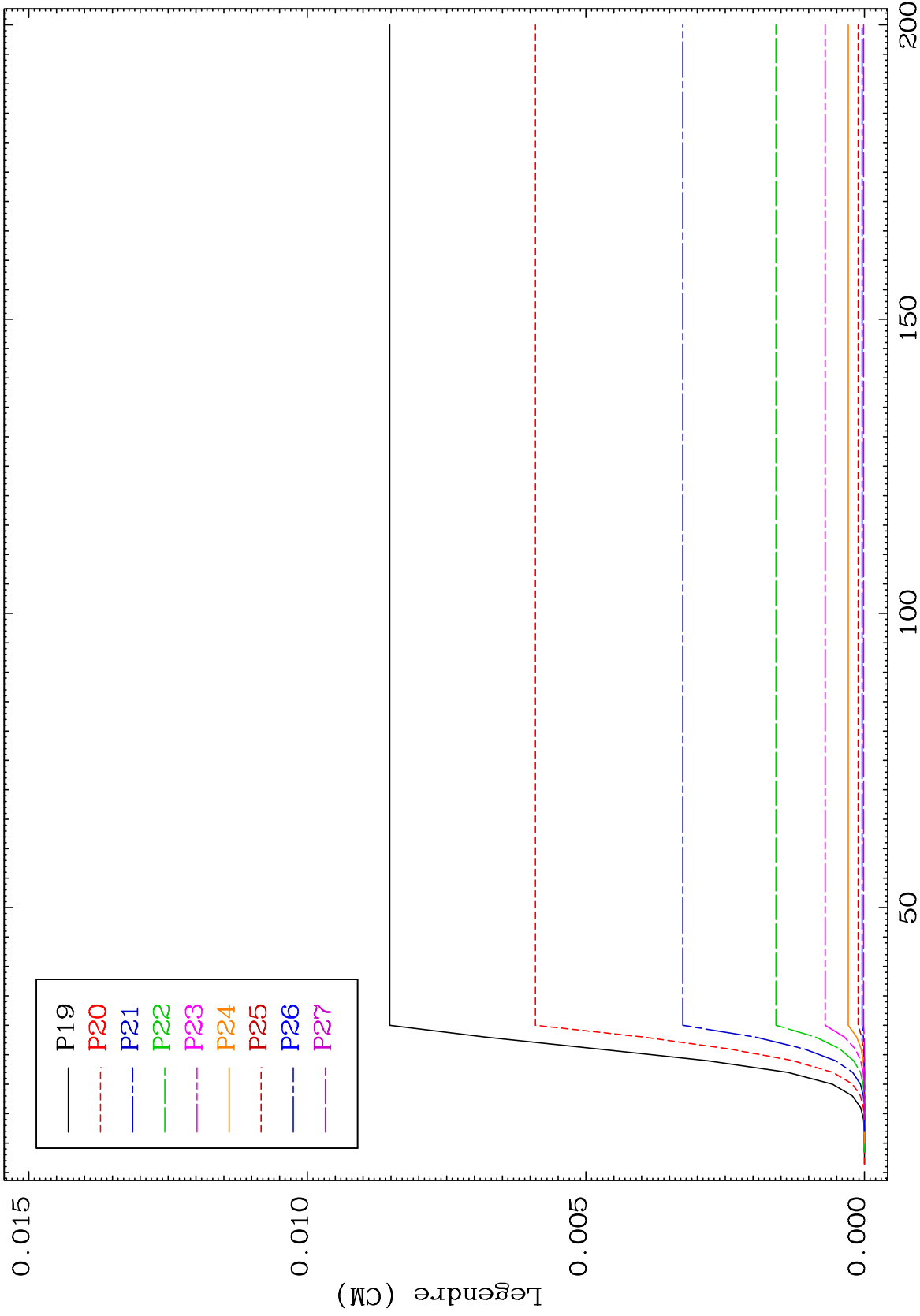
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



68

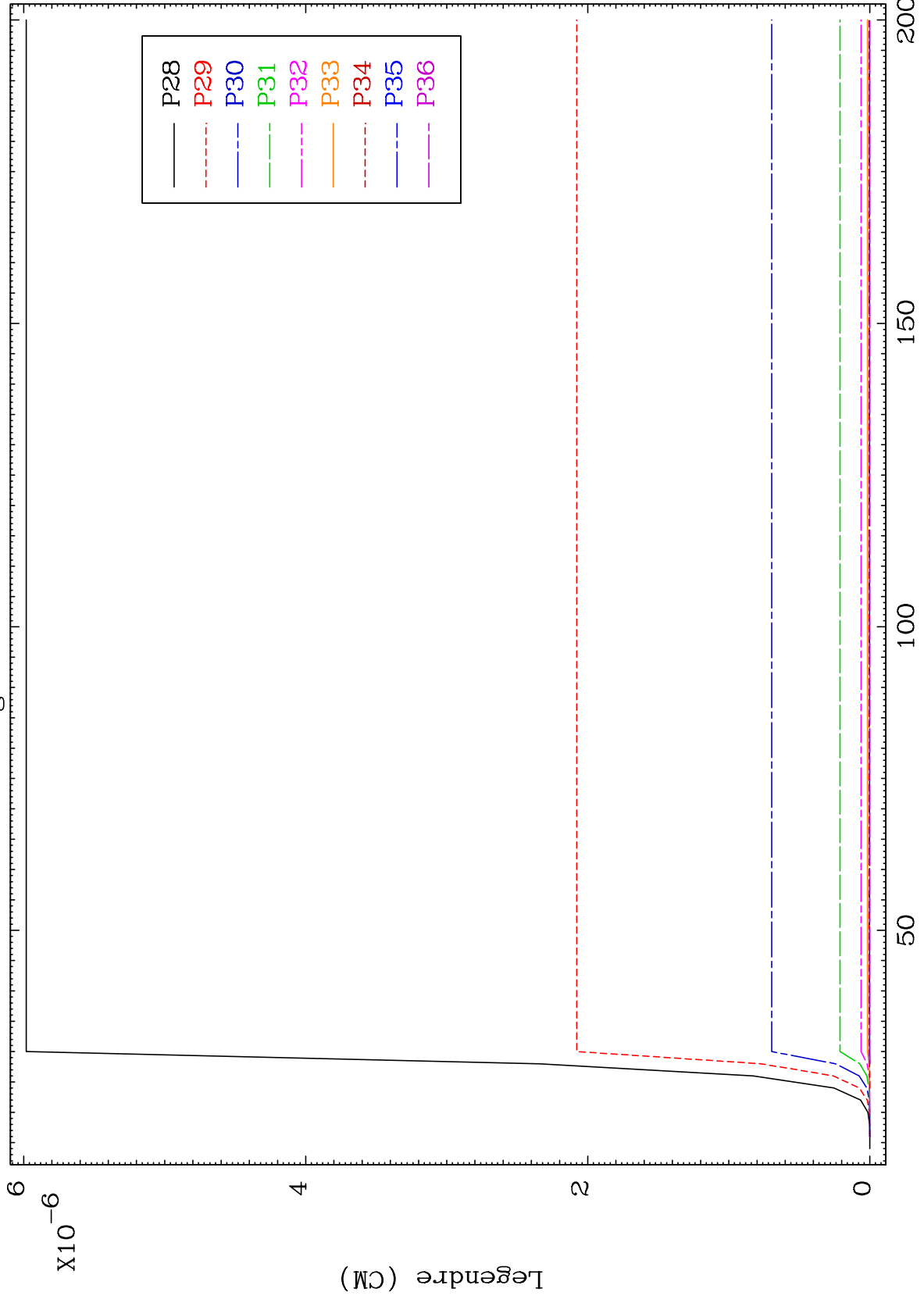
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



69

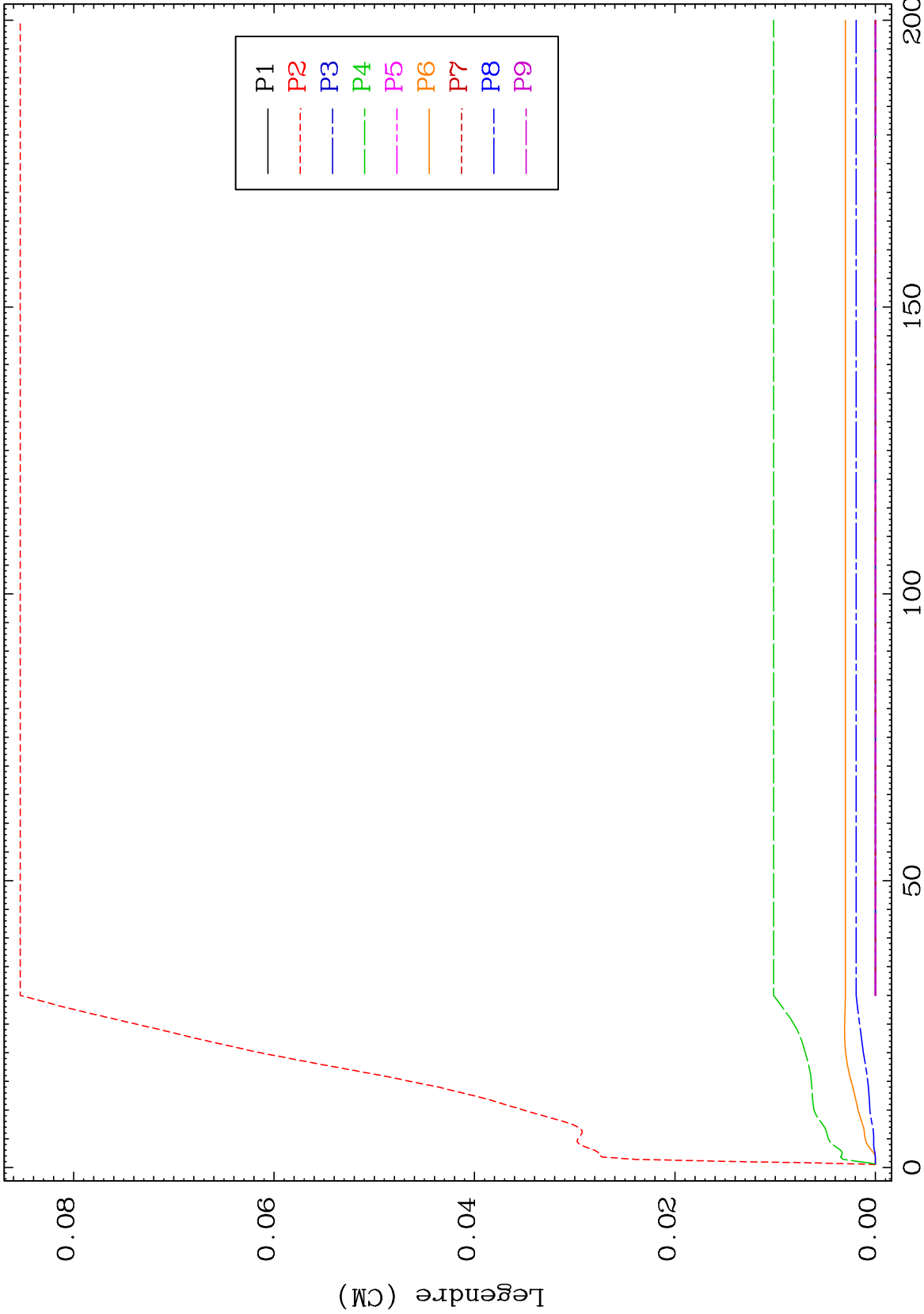
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



70

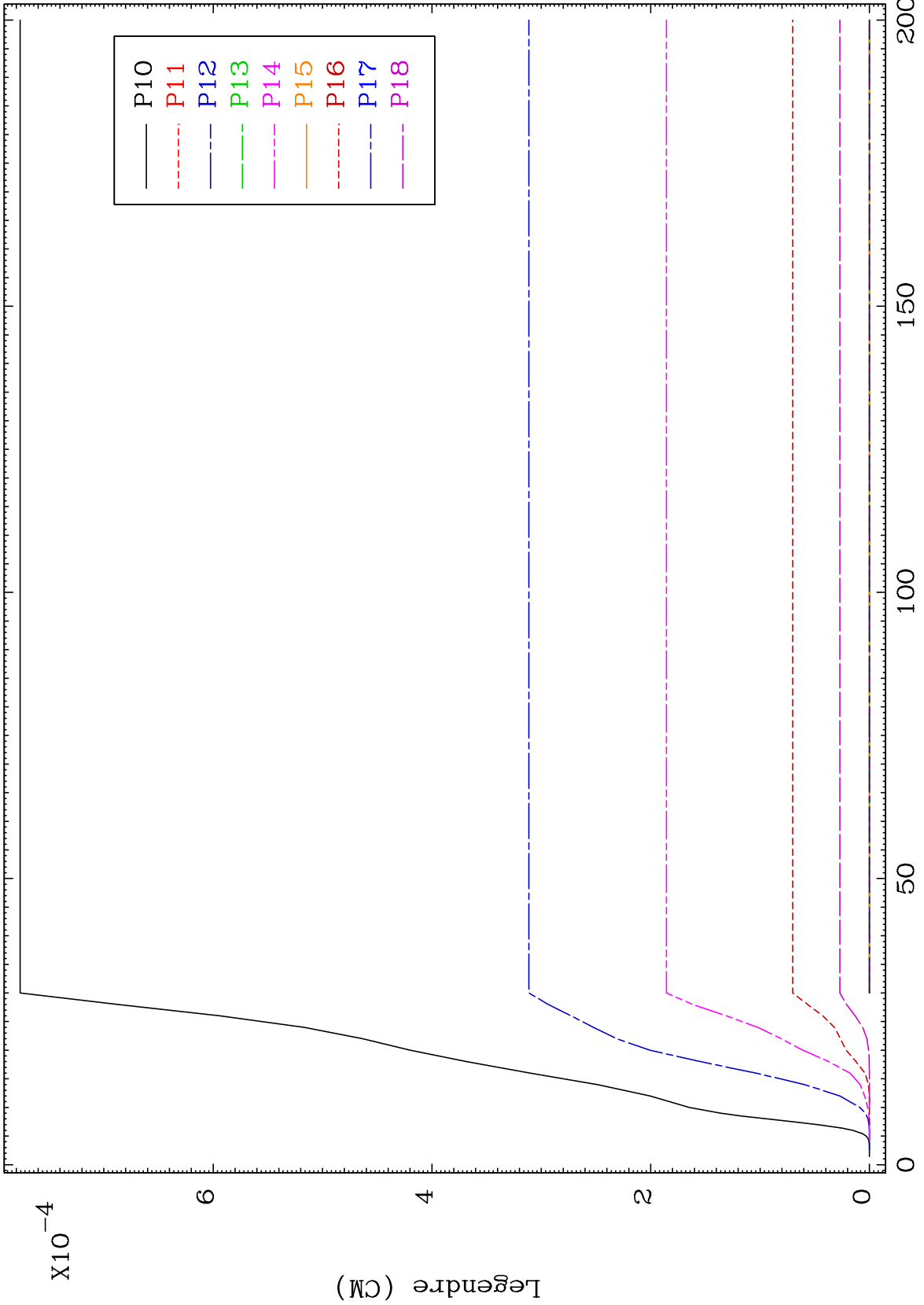
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133

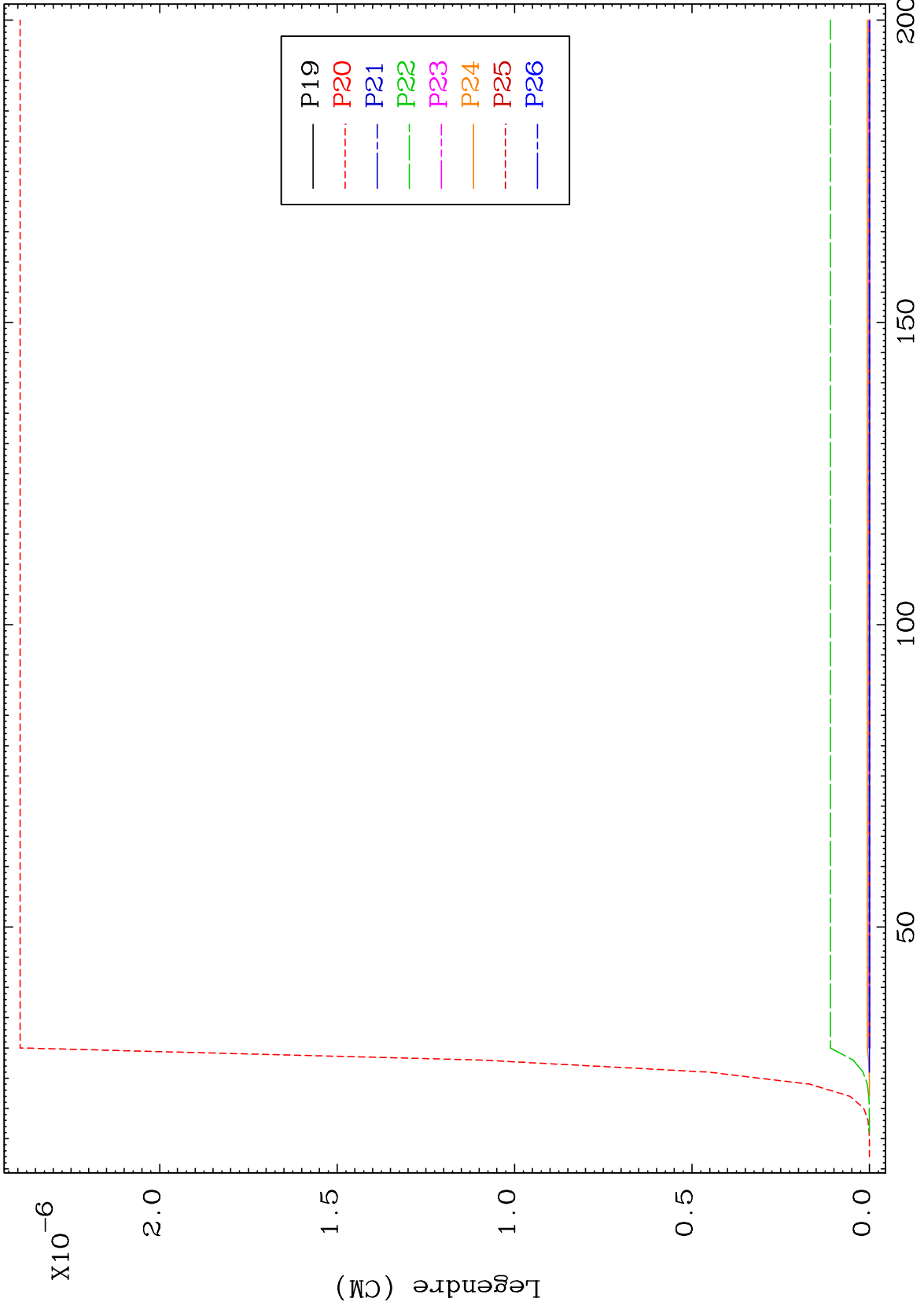


71

Incident Energy (MeV)

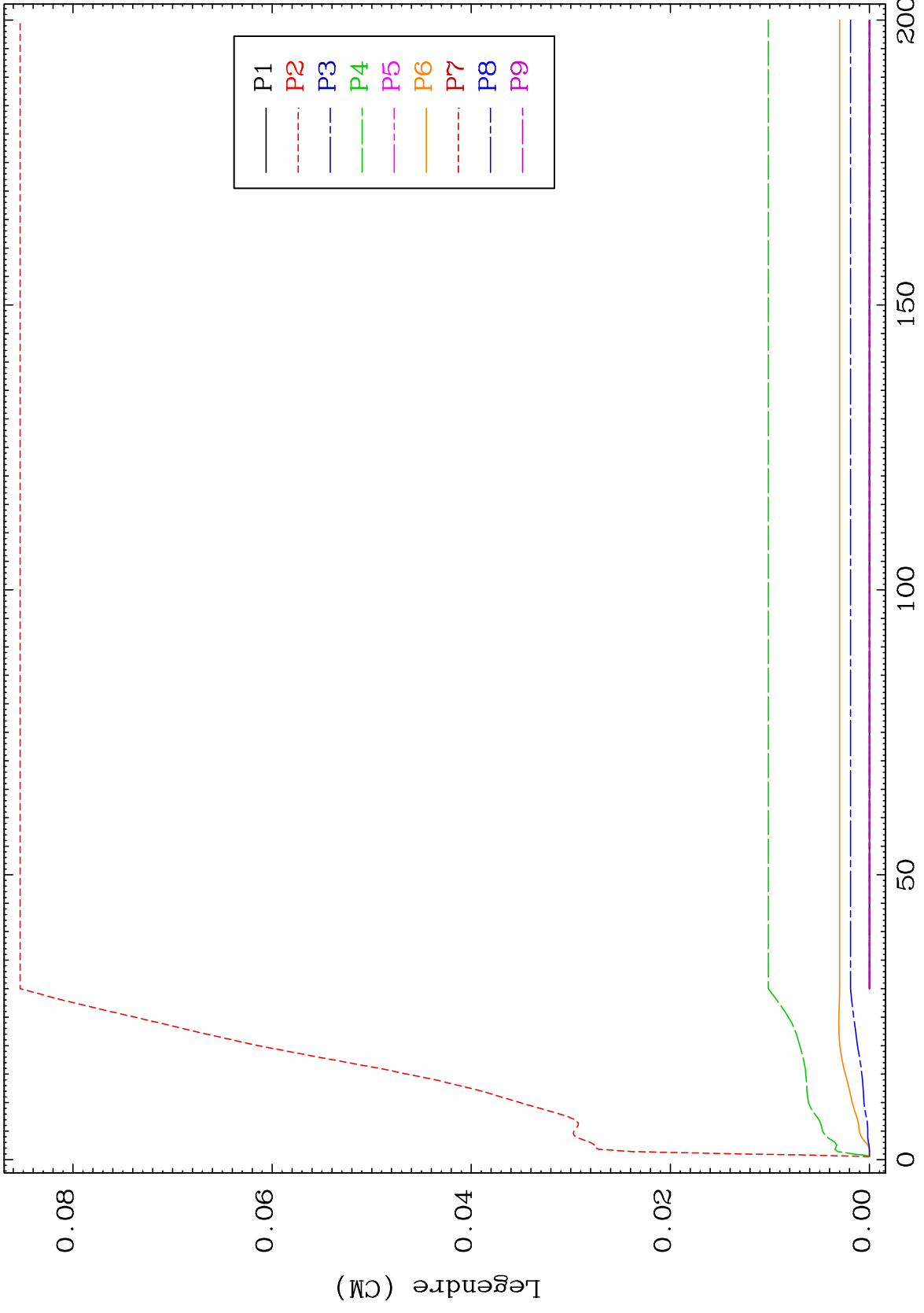
60-Nd-133

MAT 5998 MT= 65 (n,n') Level Legendre Coefficients 60-Nd-133



72 Incident Energy (MeV) 60-Nd-133

MAT 5998 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-133

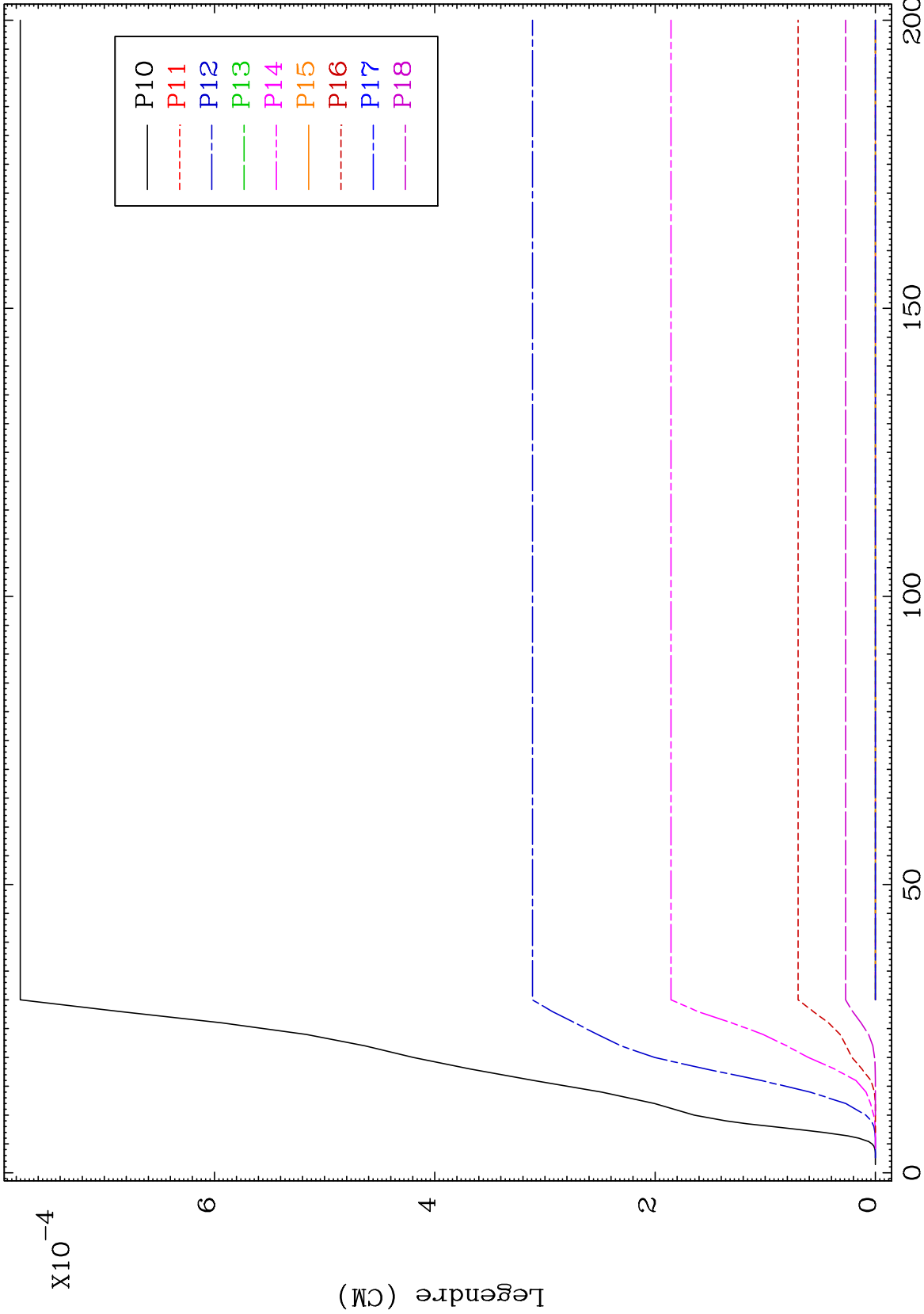


73 60-Nd-133

MAT 5998

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

60-Nd-133

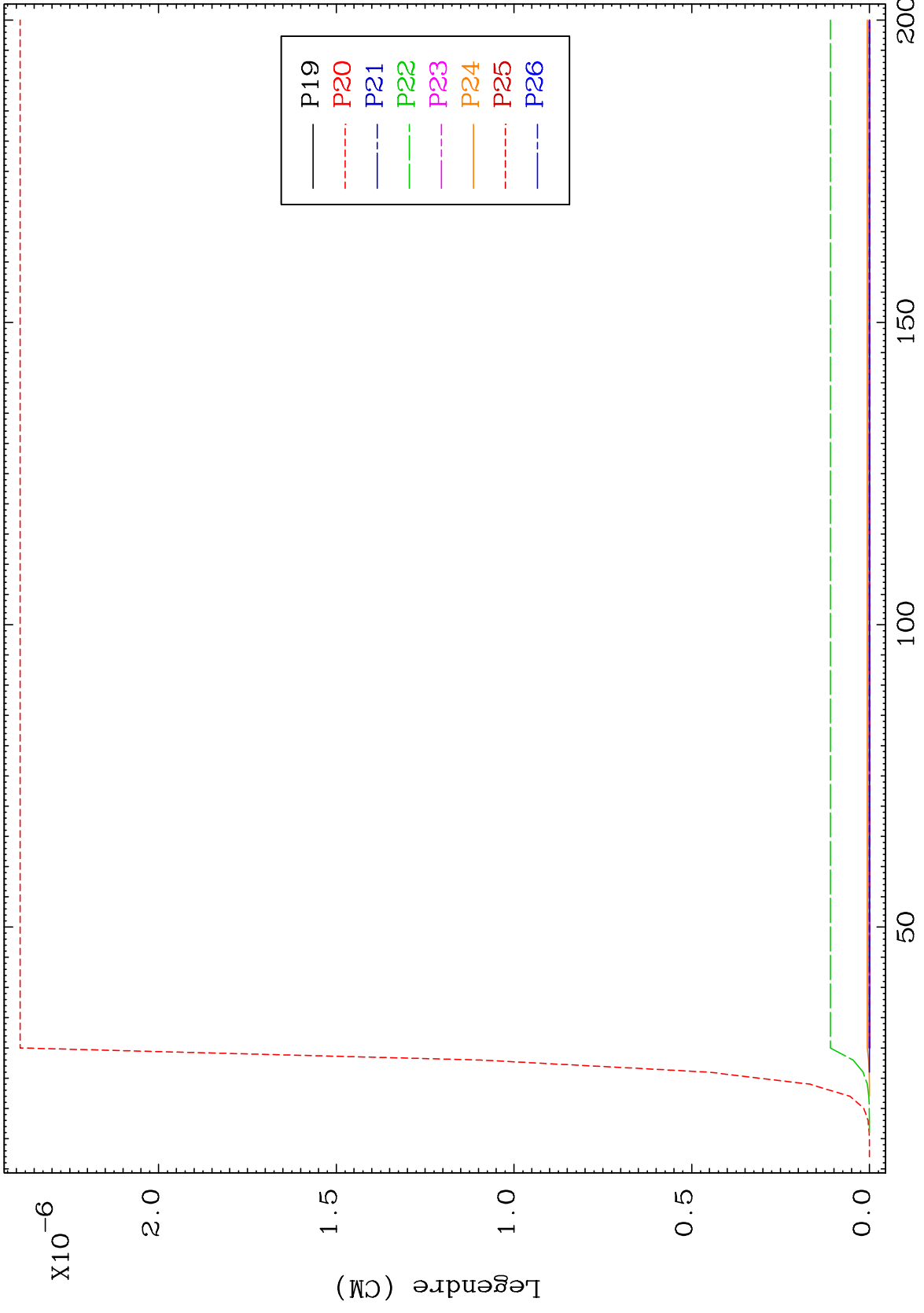


74

Incident Energy (MeV)

60-Nd-133

MAT 5998 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-133

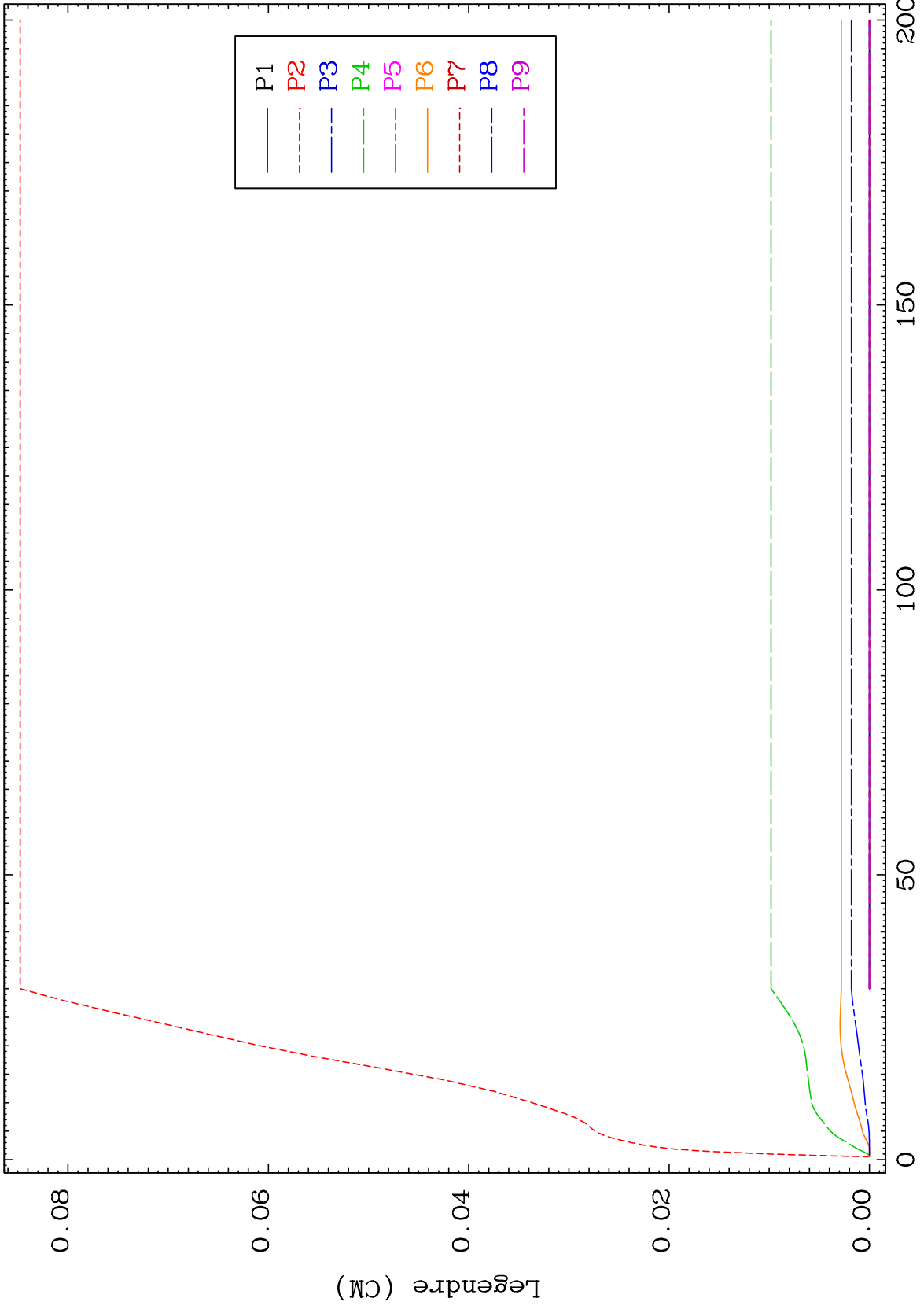


75 Incident Energy (MeV) 60-Nd-133

MAT 5998

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

60-Nd-133



76

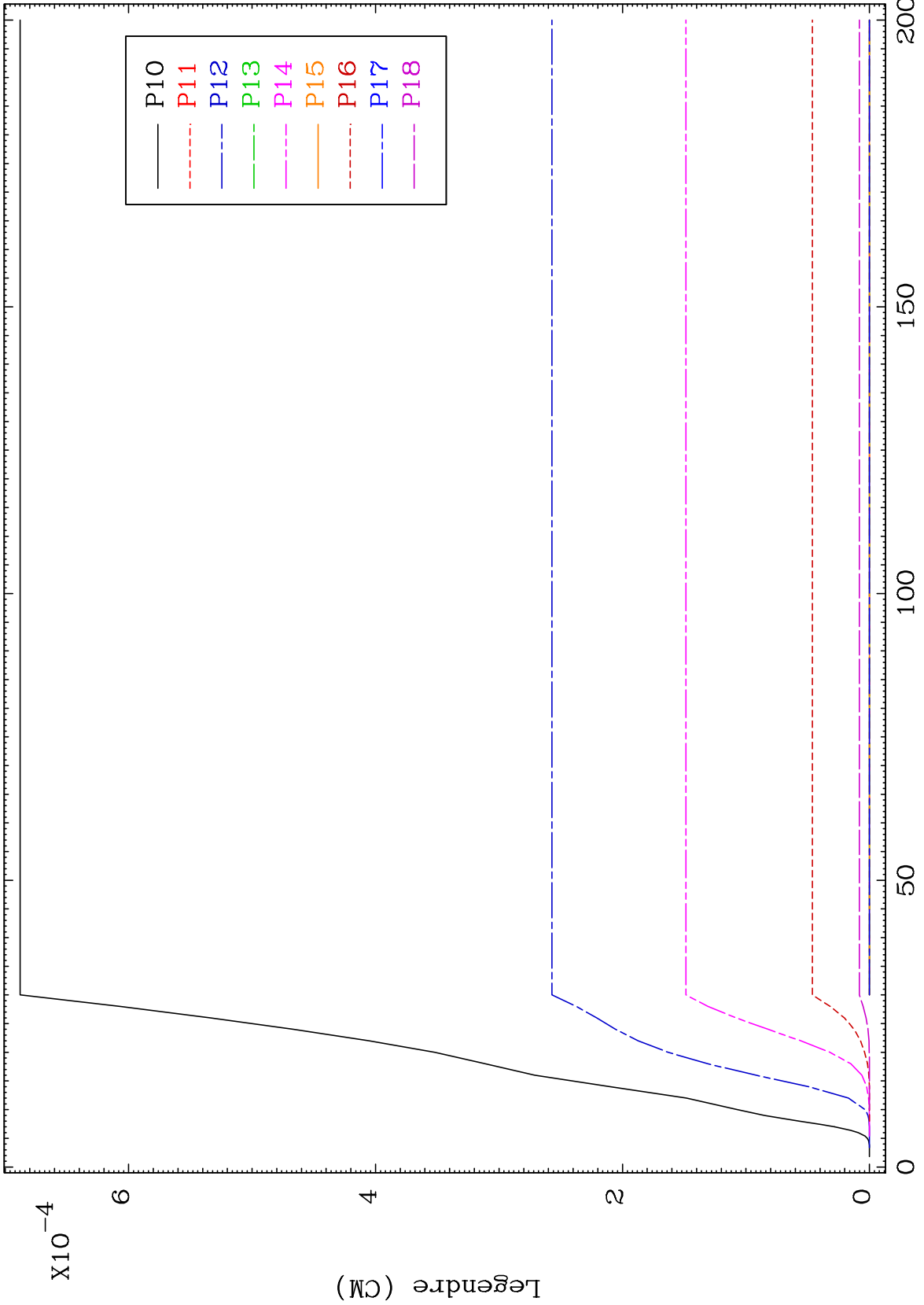
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133

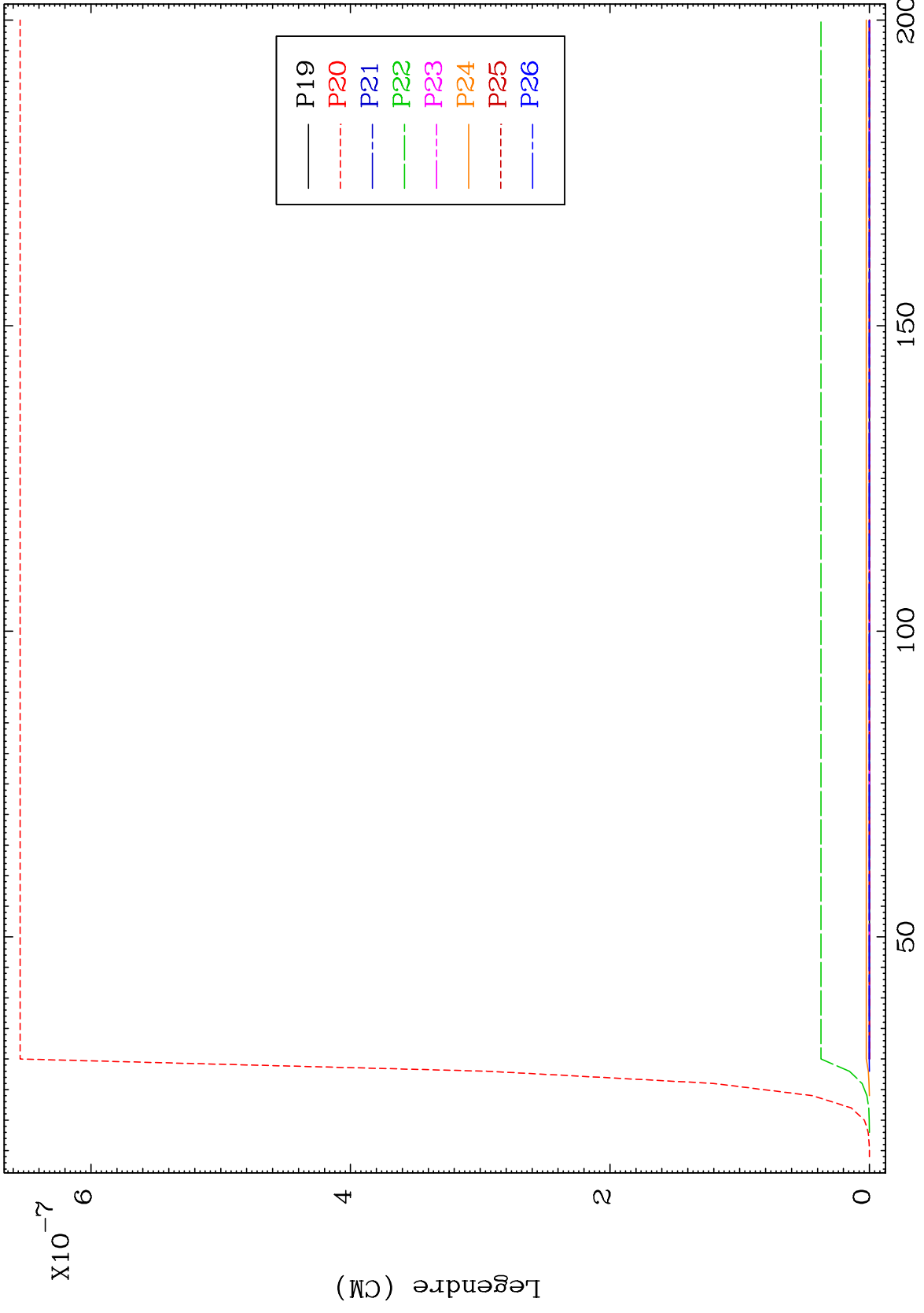


77

Incident Energy (MeV)

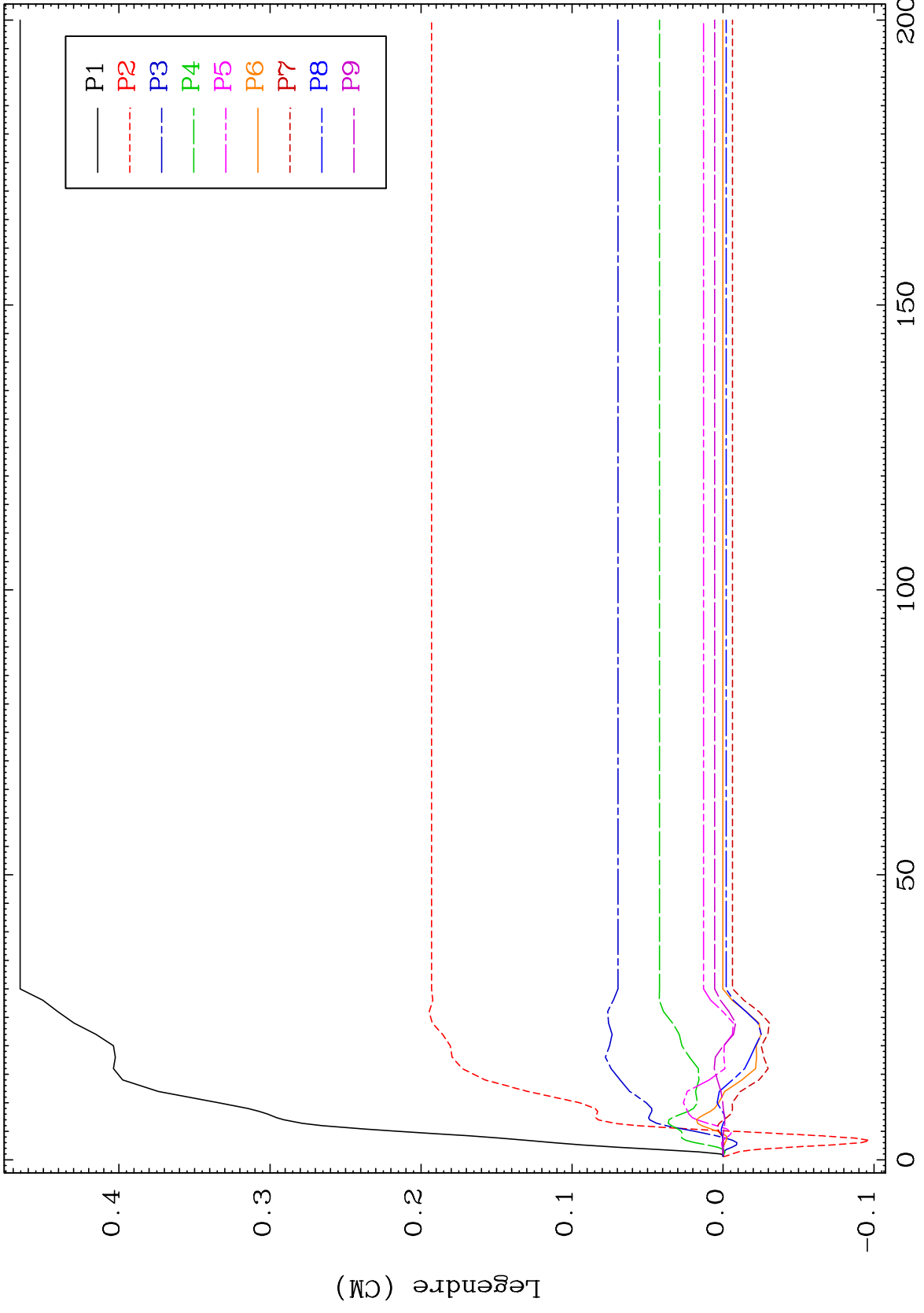
60-Nd-133

MAT 5998 MT= 67 (n,n') Level Legendre Coefficients 60-Nd-133



78 Incident Energy (MeV) 60-Nd-133

MAT 5998 MT= 68 (n,n') Level Legendre Coefficients 60-Nd-133

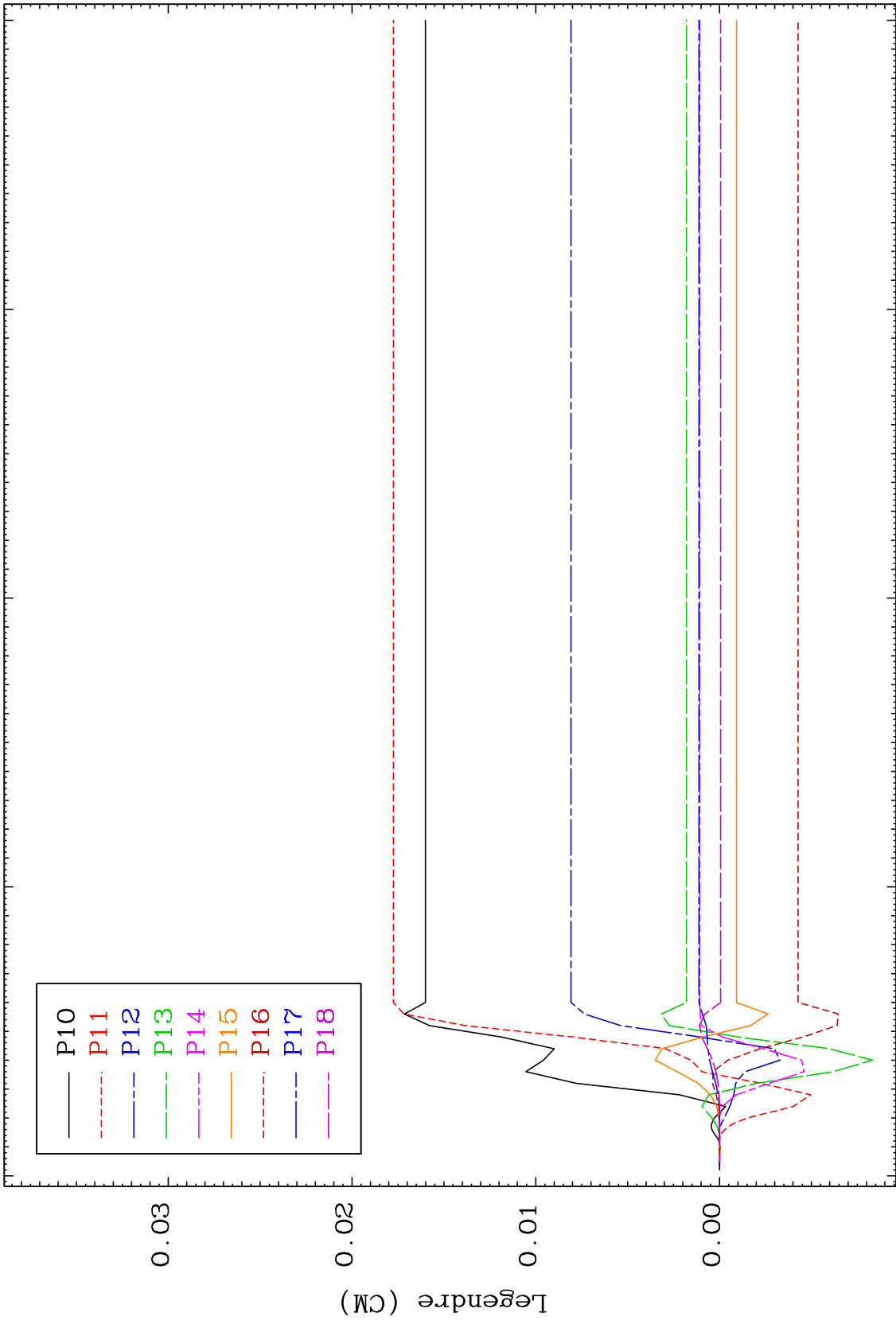


79 Incident Energy (MeV) 200 60-Nd-133

MAT 5998

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

60-Nd-133



0

50

100

150

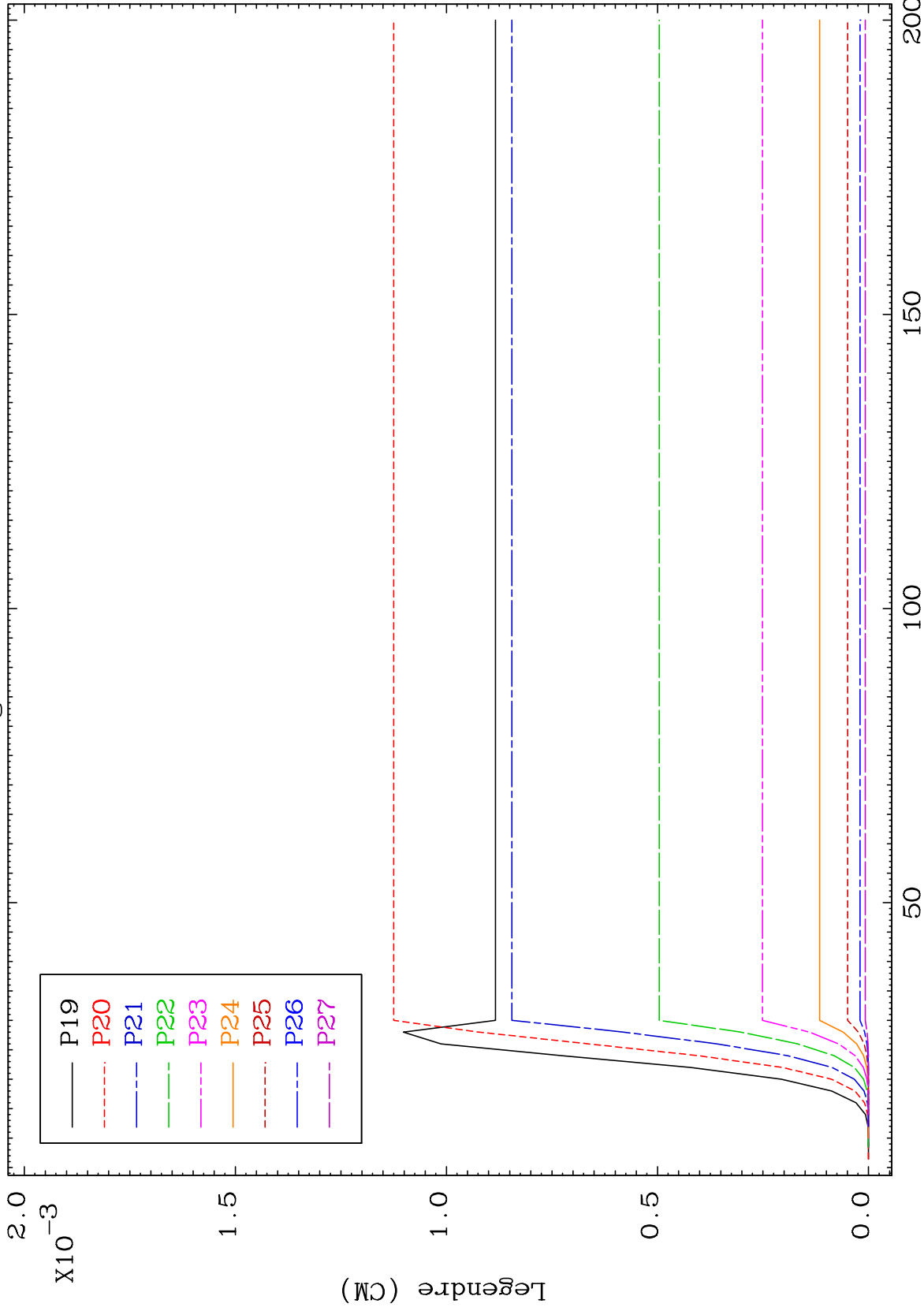
200

60-Nd-133

MAT 5998

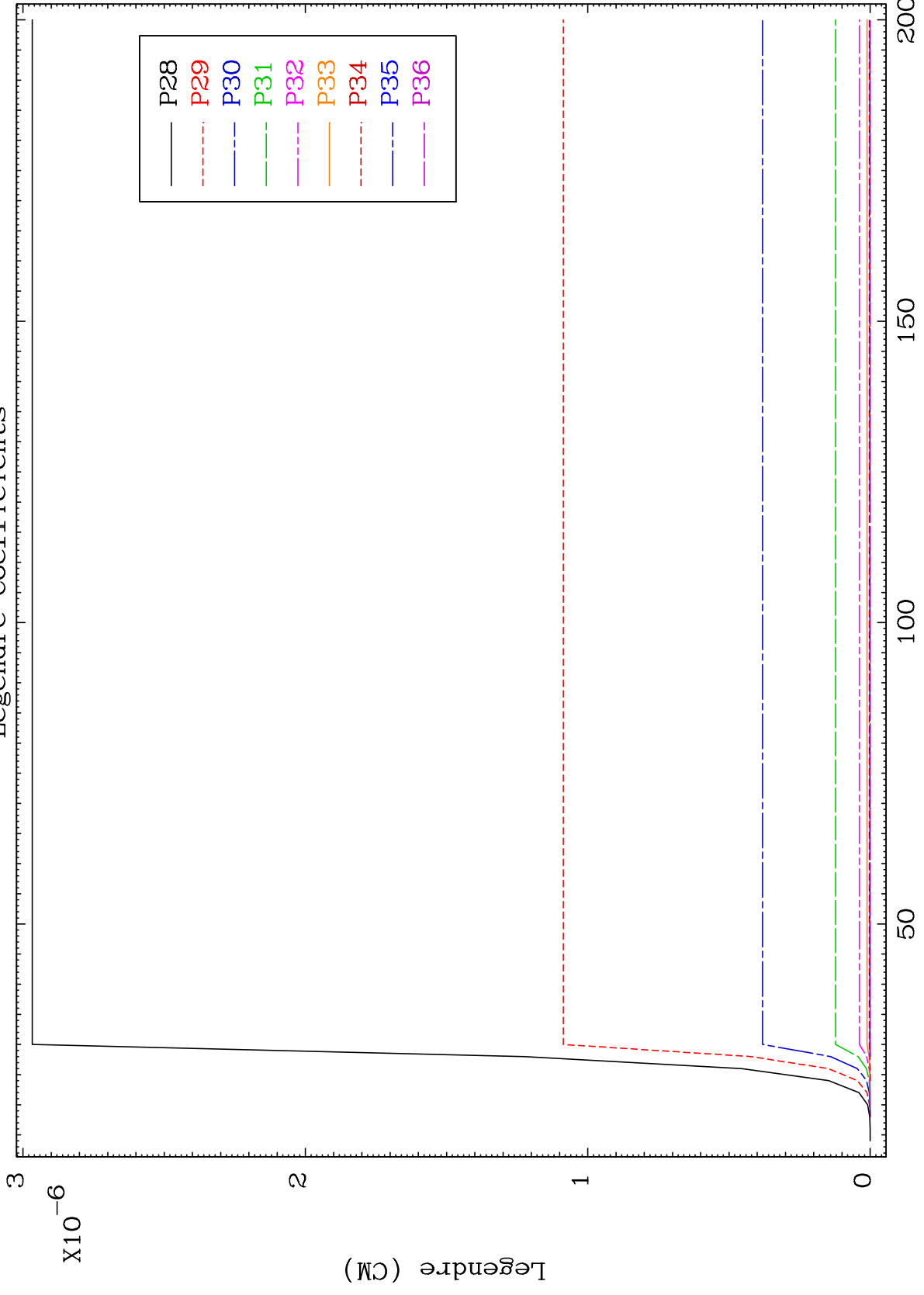
MT= 68 (n,n') Level
Legendre Coefficients

60-Nd-133



81

MAT 5998 MT= 68 (n,n') Level Legendre Coefficients 60-Nd-133

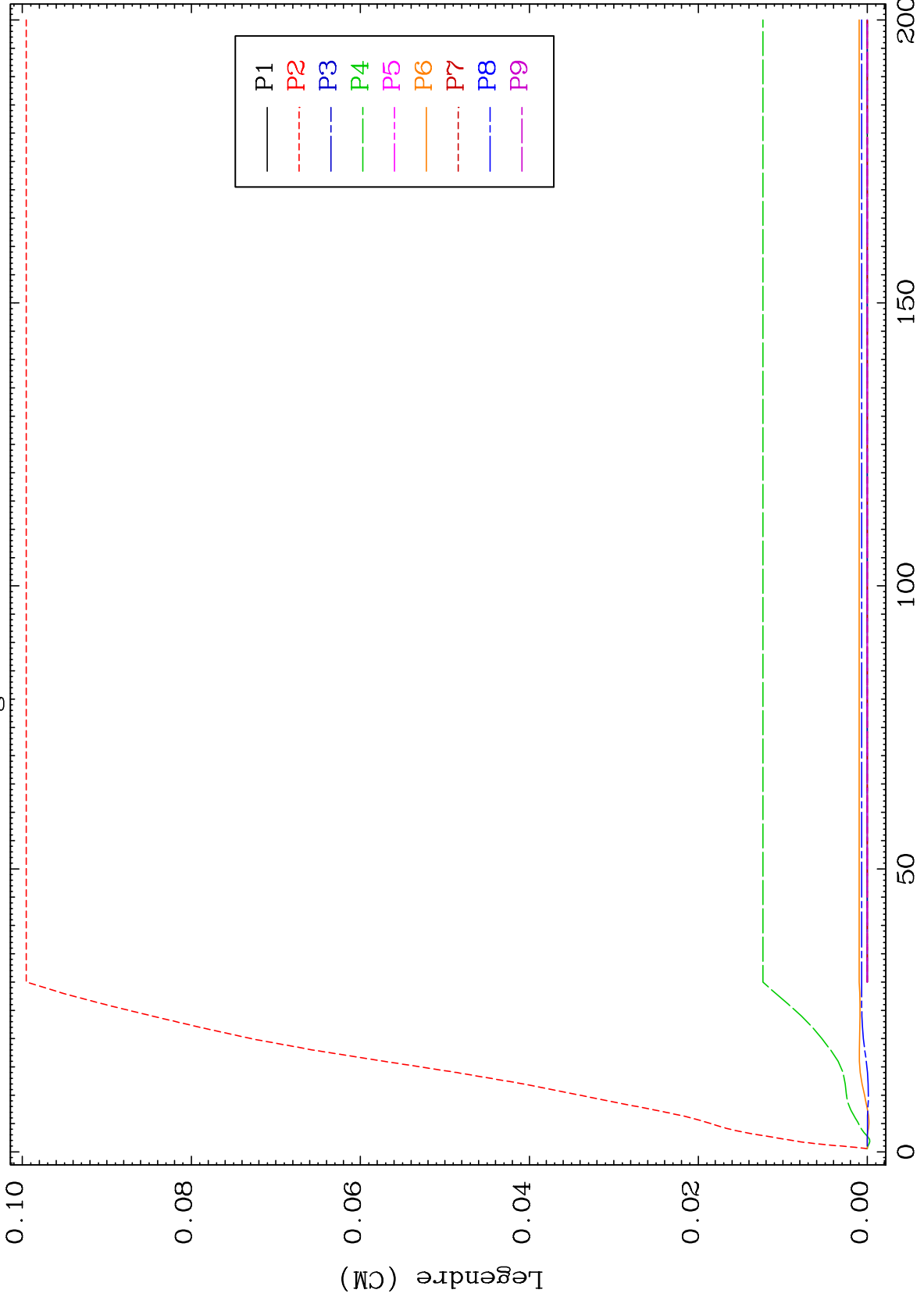


82

Incident Energy (MeV)

60-Nd-133

MAT 5998 MT= 69 (n,n') Level Legendre Coefficients 60-Nd-133

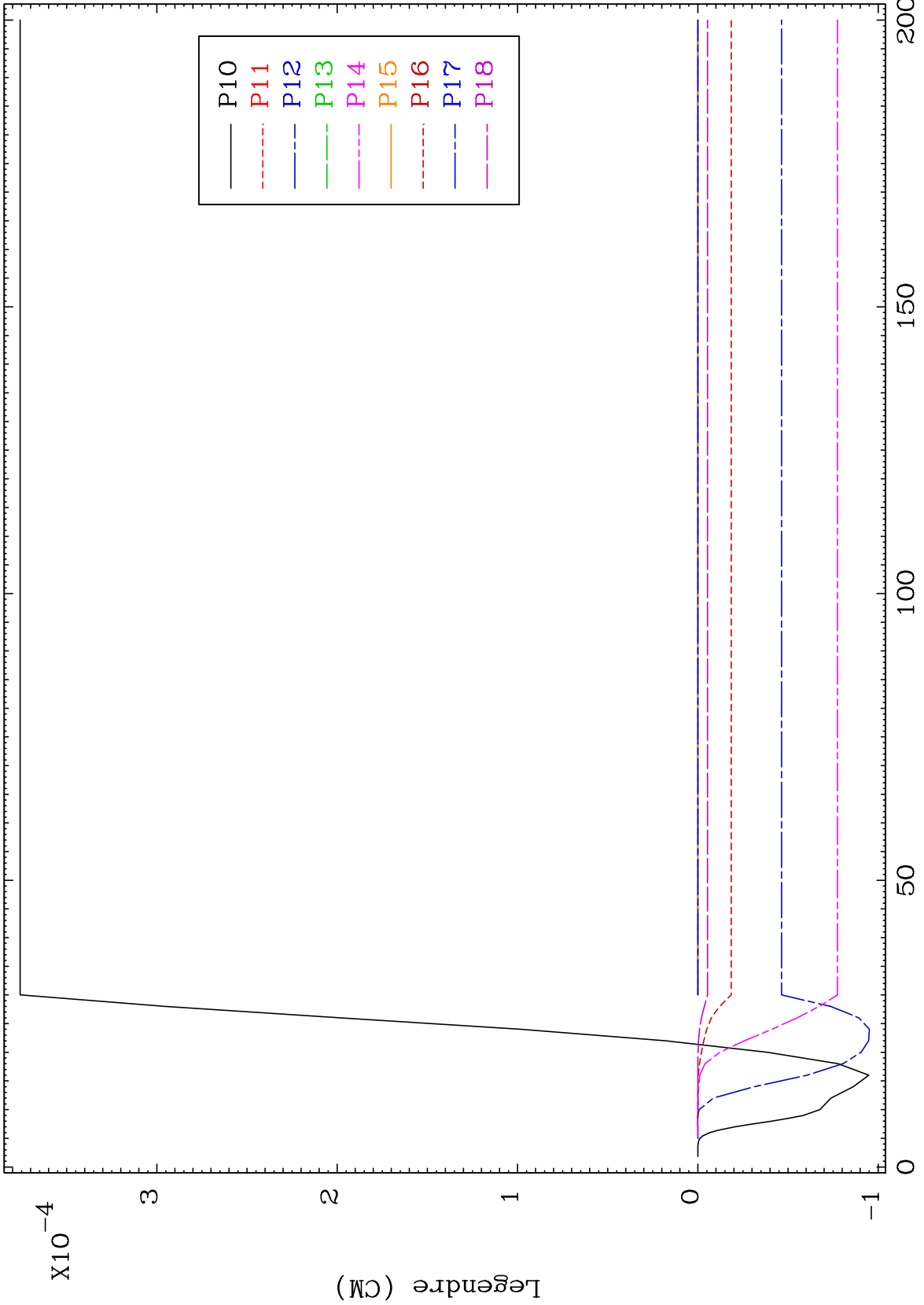


83 60-Nd-133

MAT 5998

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

60-Nd-133

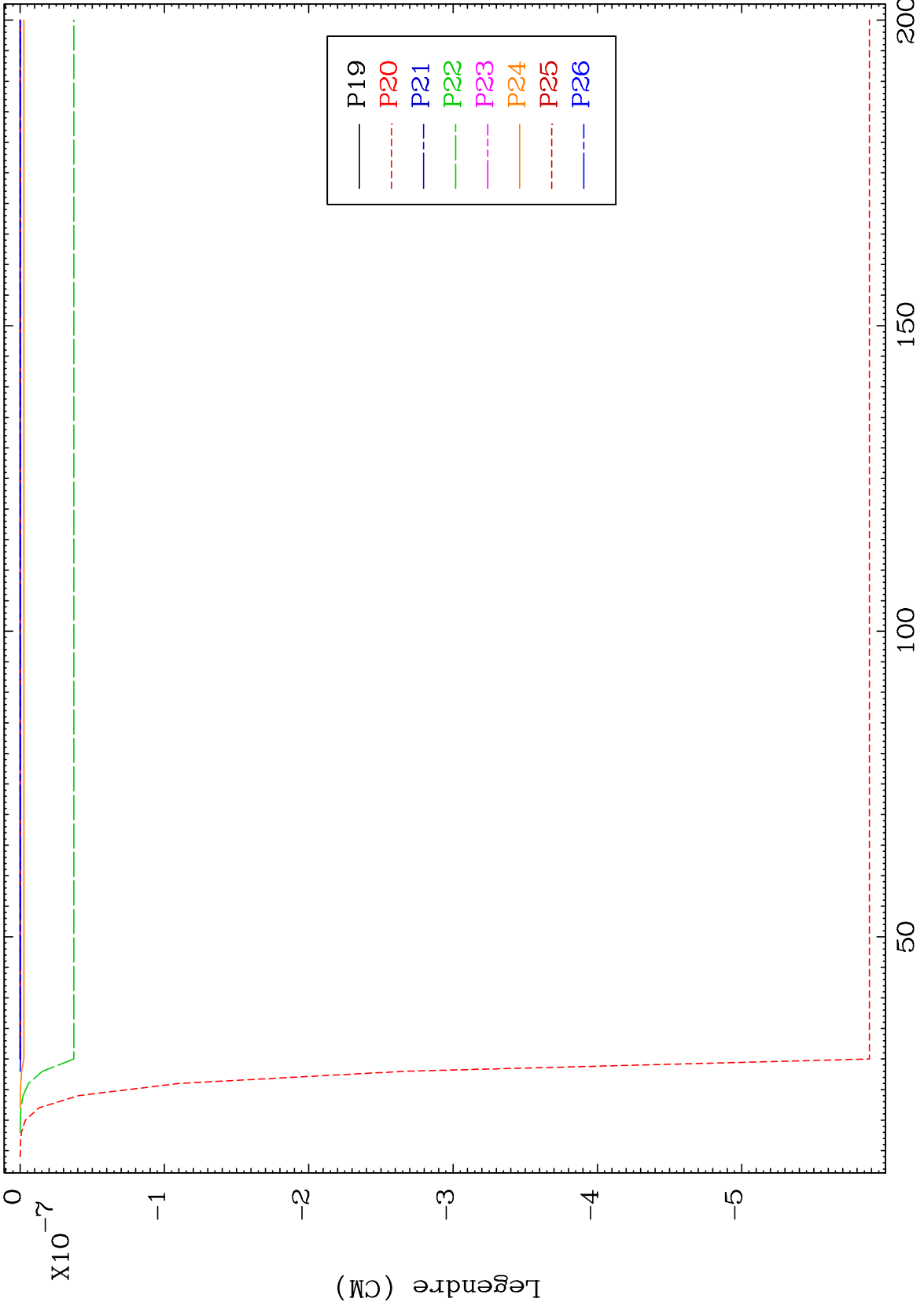


84

Incident Energy (MeV)

60-Nd-133

MAT 5998 MT= 69 (n,n') Level Legendre Coefficients 60-Nd-133

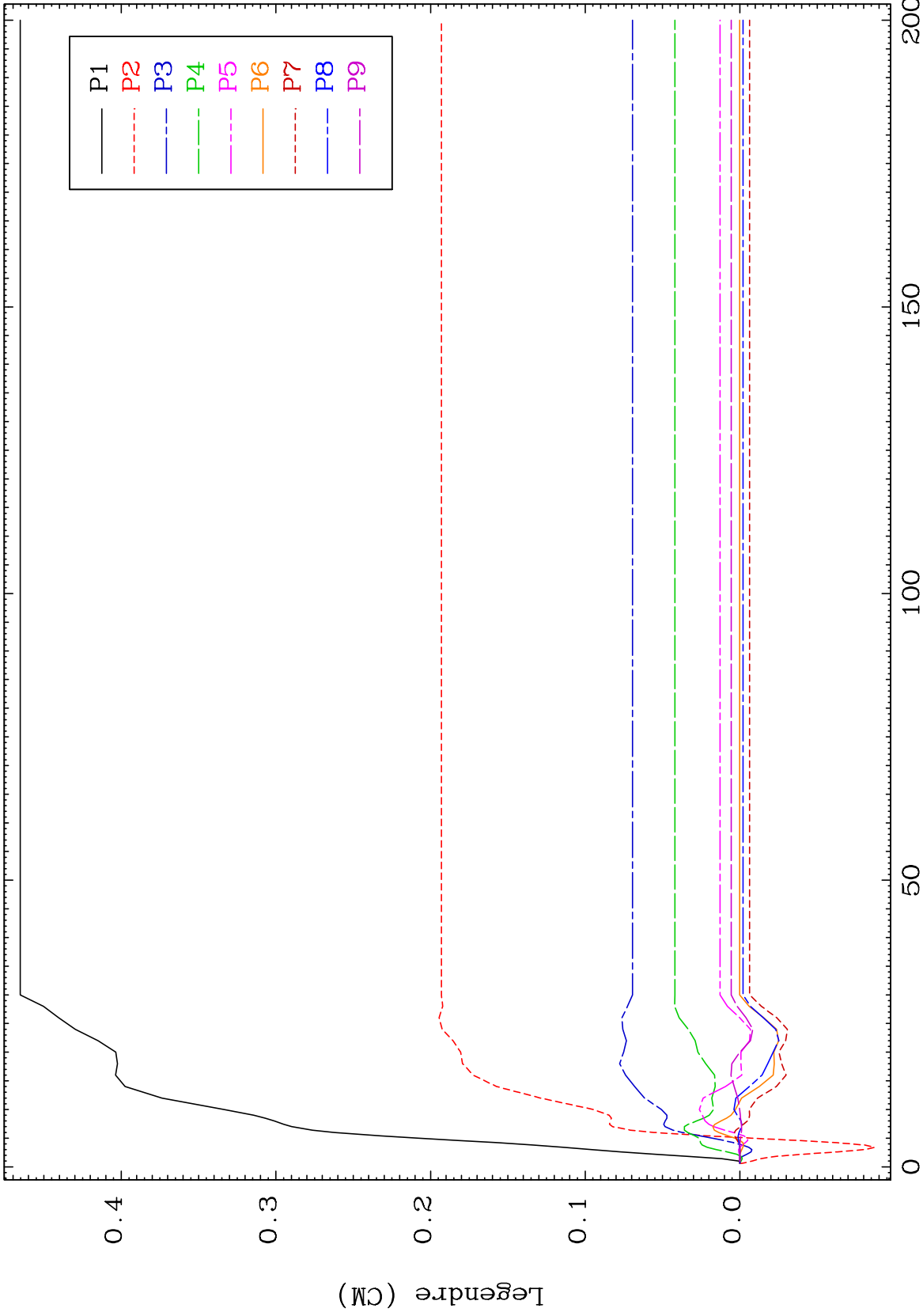


85 Incident Energy (MeV) 60-Nd-133

MAT 5998

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

60-Nd-133



86

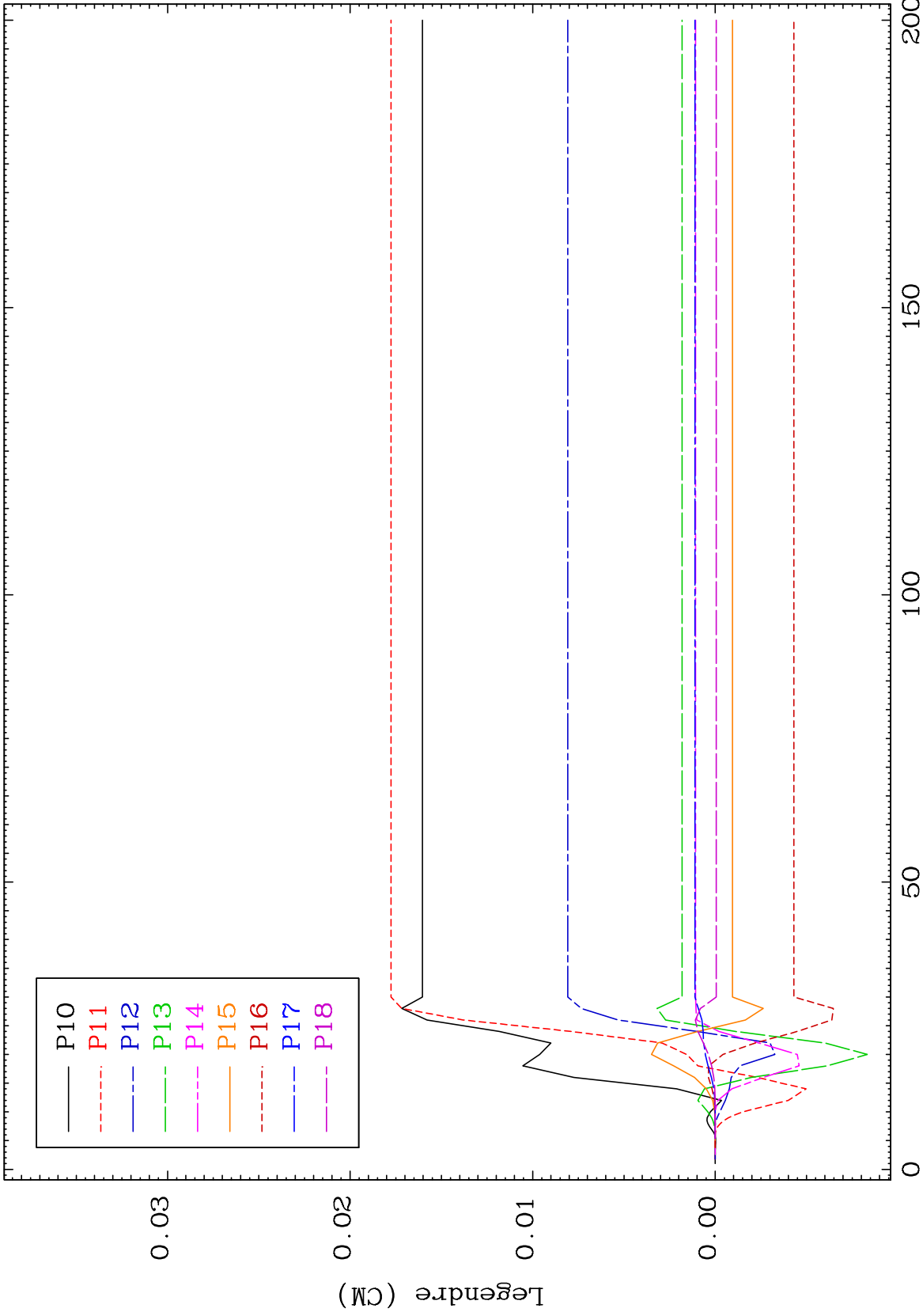
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



87

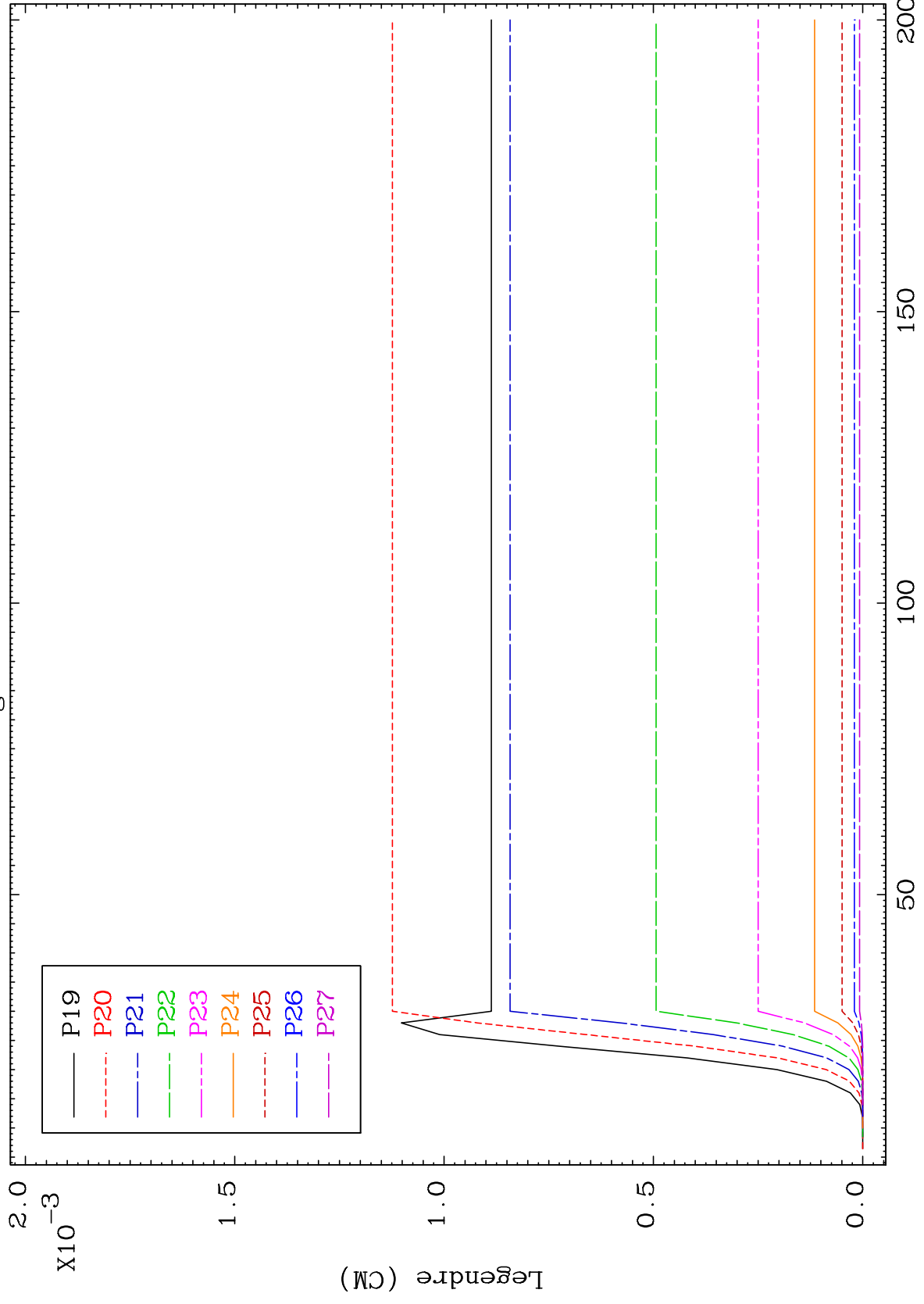
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

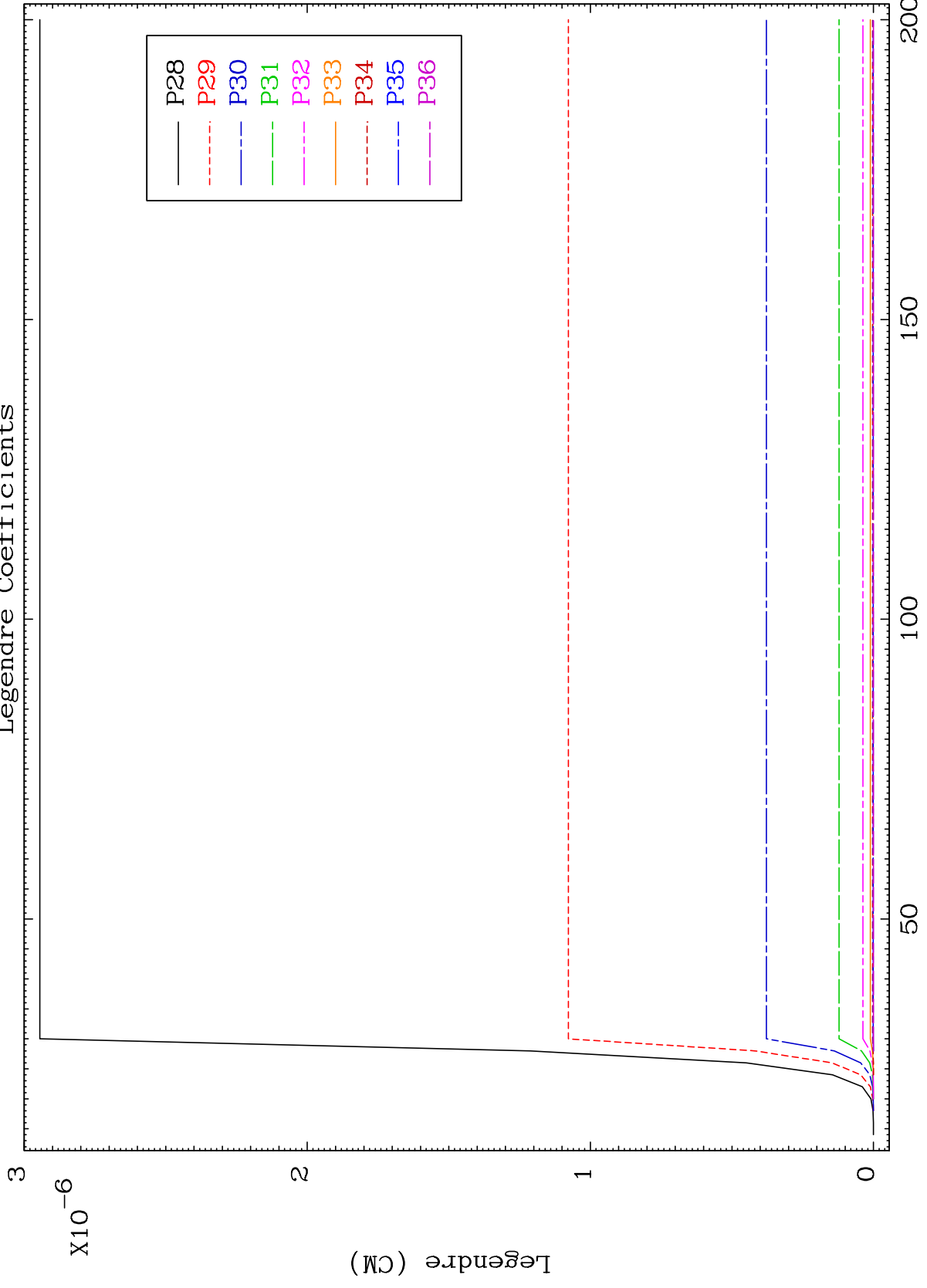
60-Nd-133



88

60-Nd-133

MAT 5998 MT= 70 (n,n') Level Legendre Coefficients 60-Nd-133



89

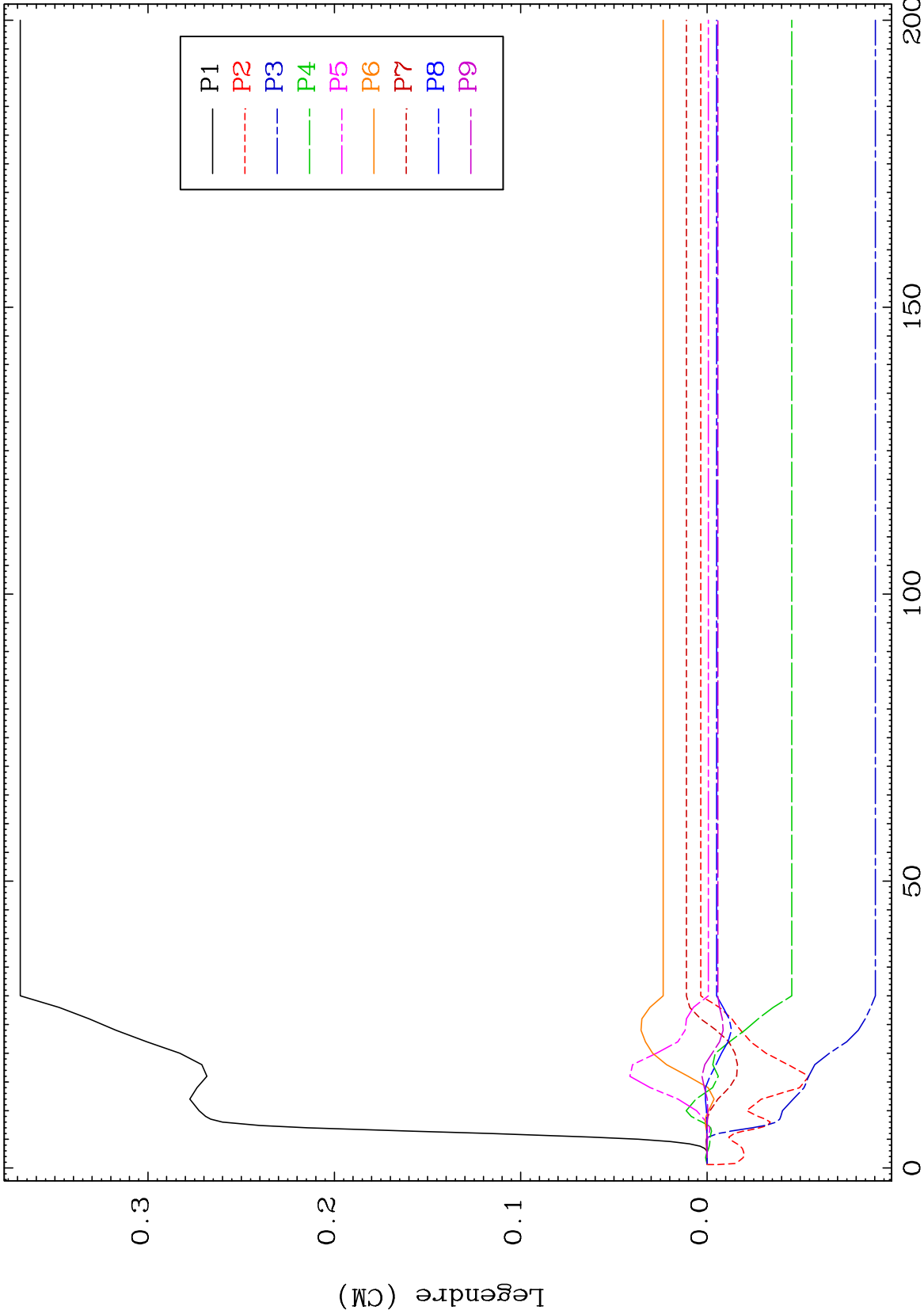
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

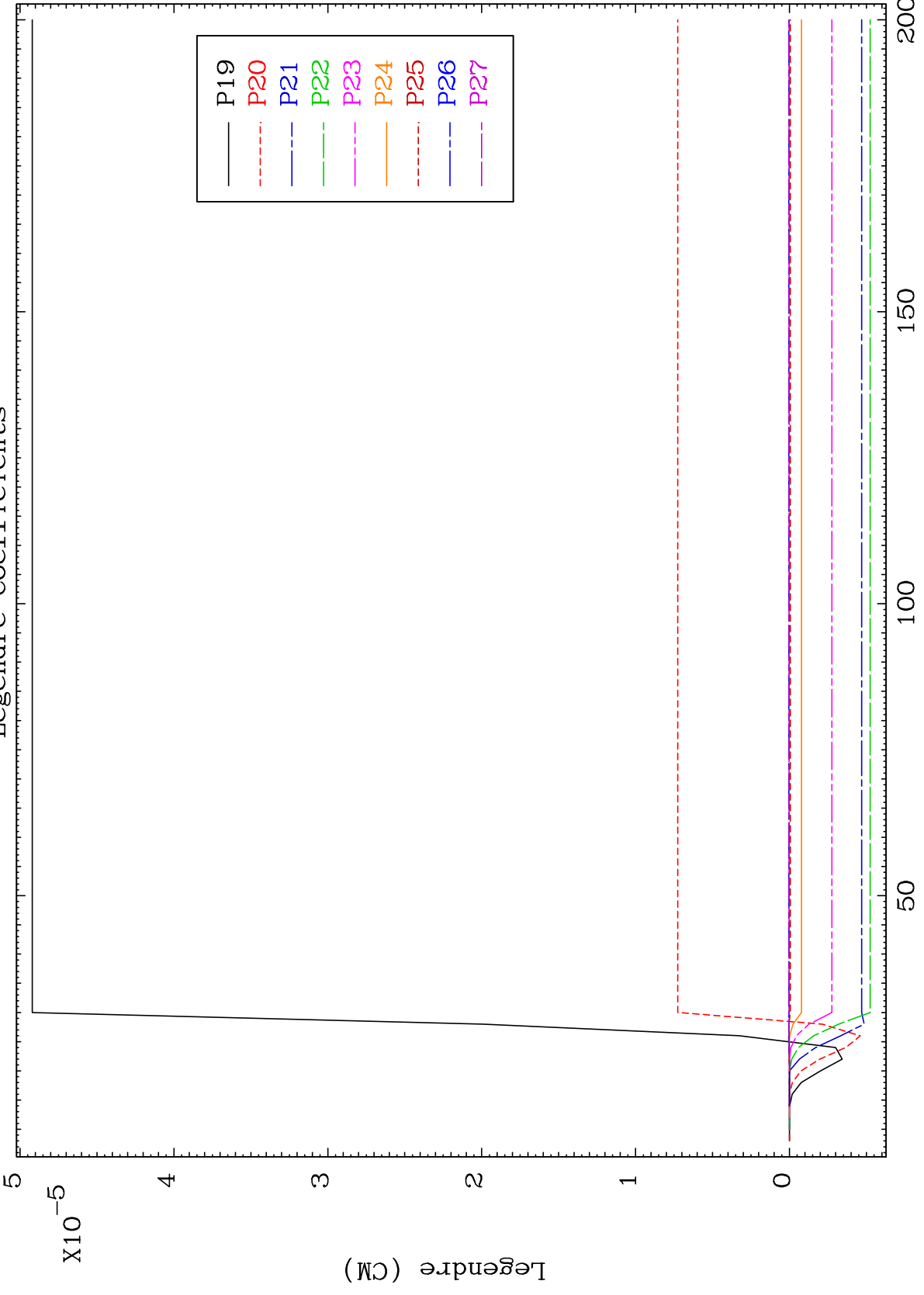
60-Nd-133



90

Incident Energy (MeV)

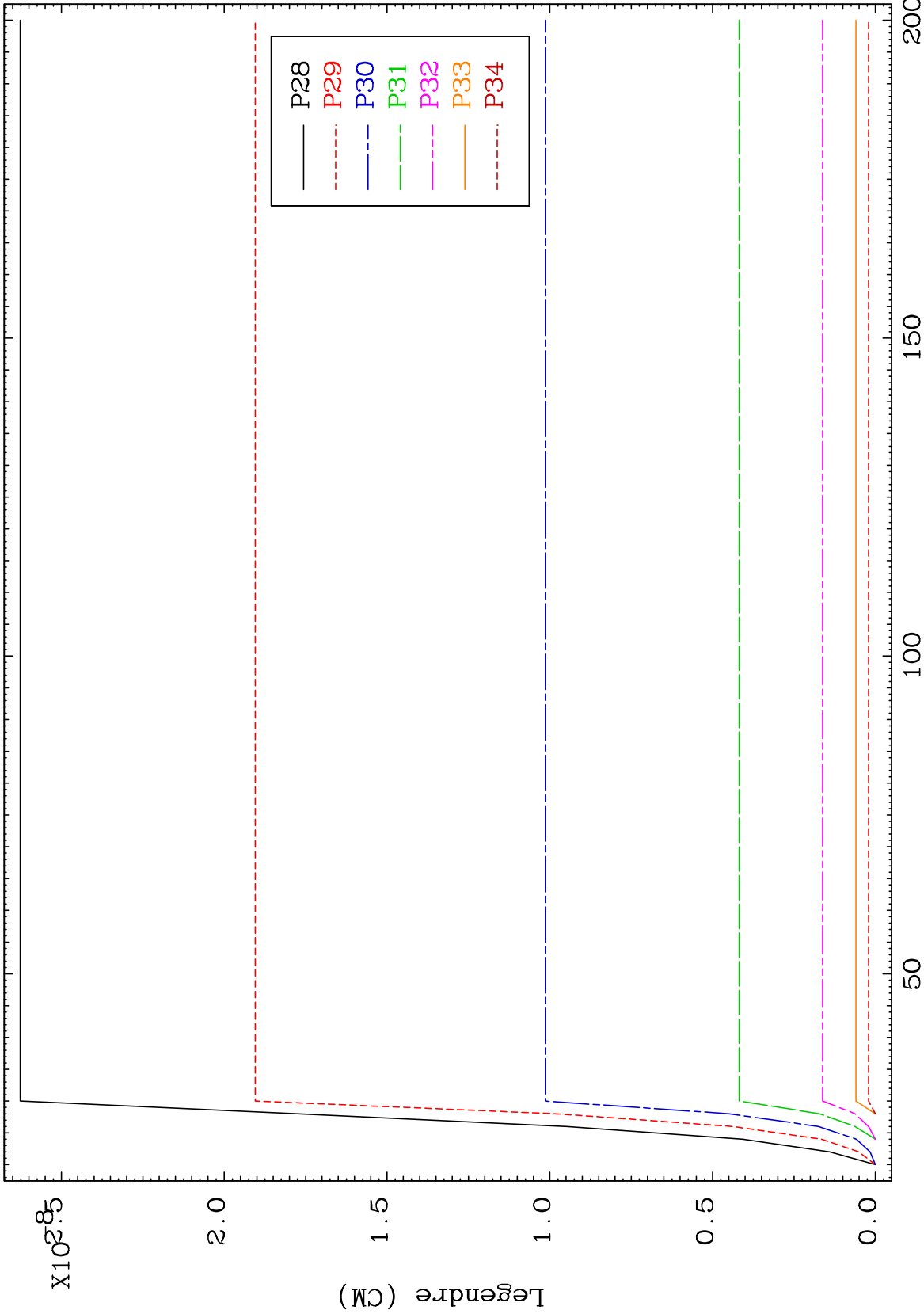
60-Nd-133



MAT 5998

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

60-Nd-133

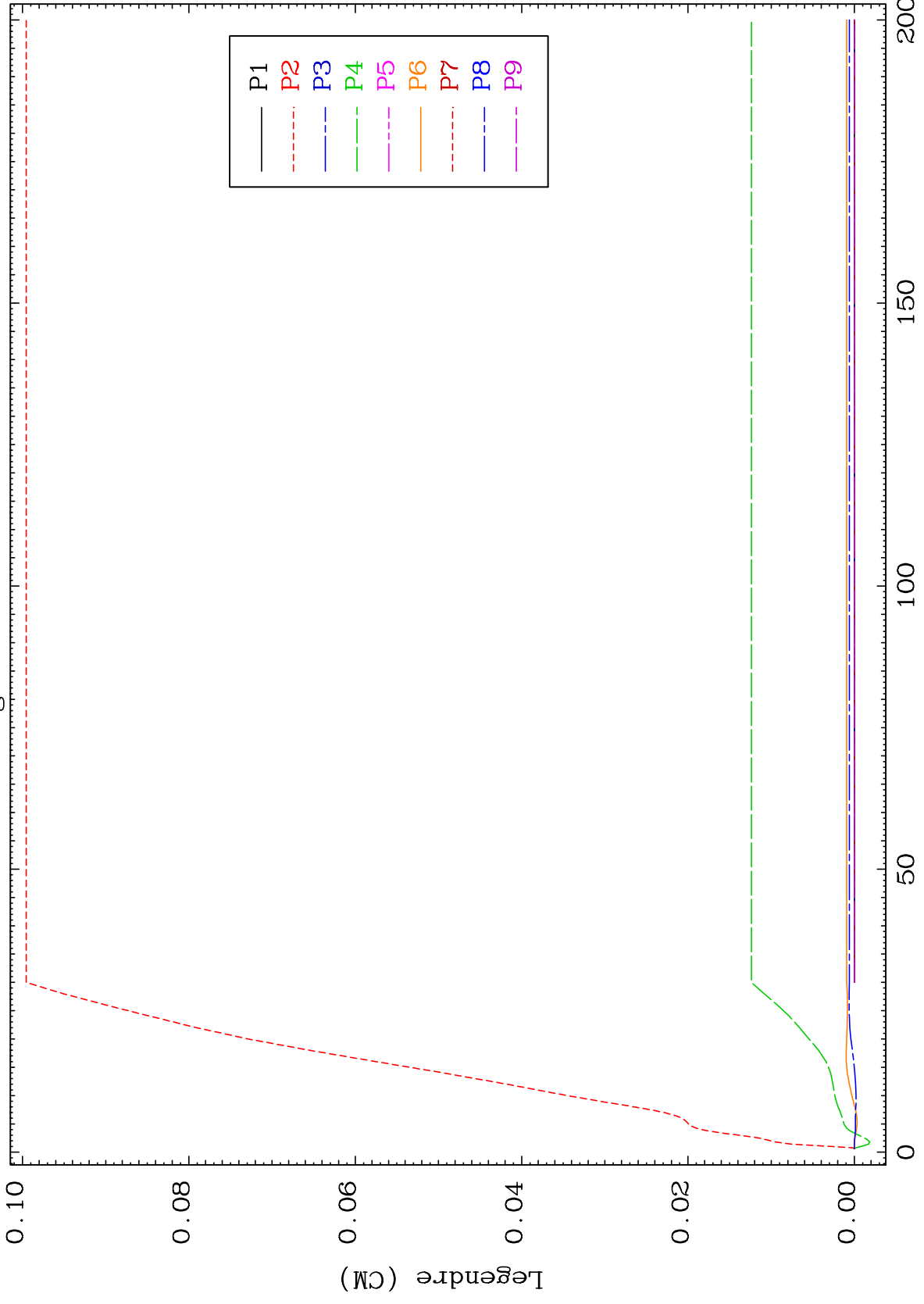


93

Incident Energy (MeV)

60-Nd-133

MAT 5998 MT= 72 (n,n') Level Legendre Coefficients 60-Nd-133

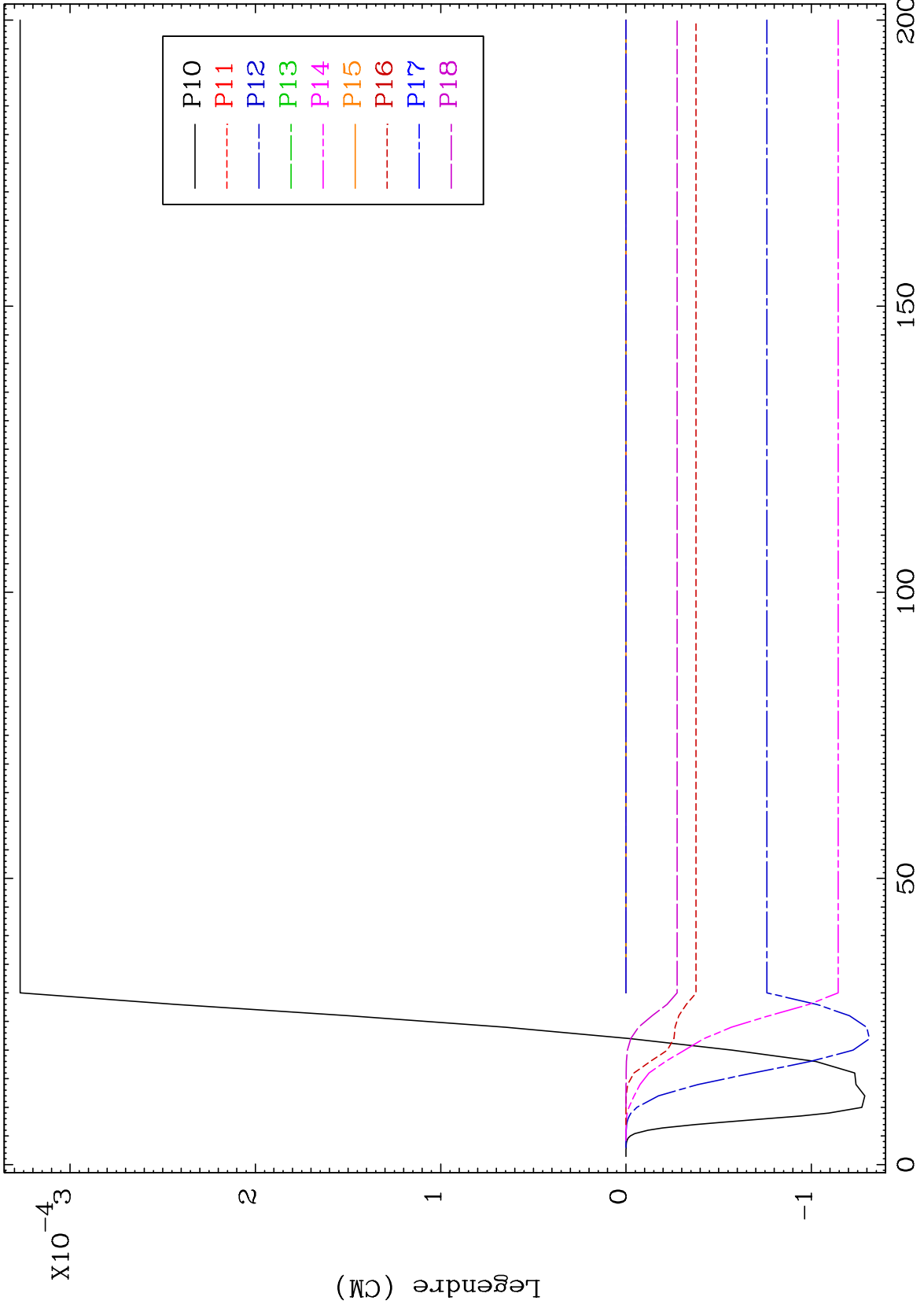


94 60-Nd-133

MAT 5998

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

60-Nd-133



95

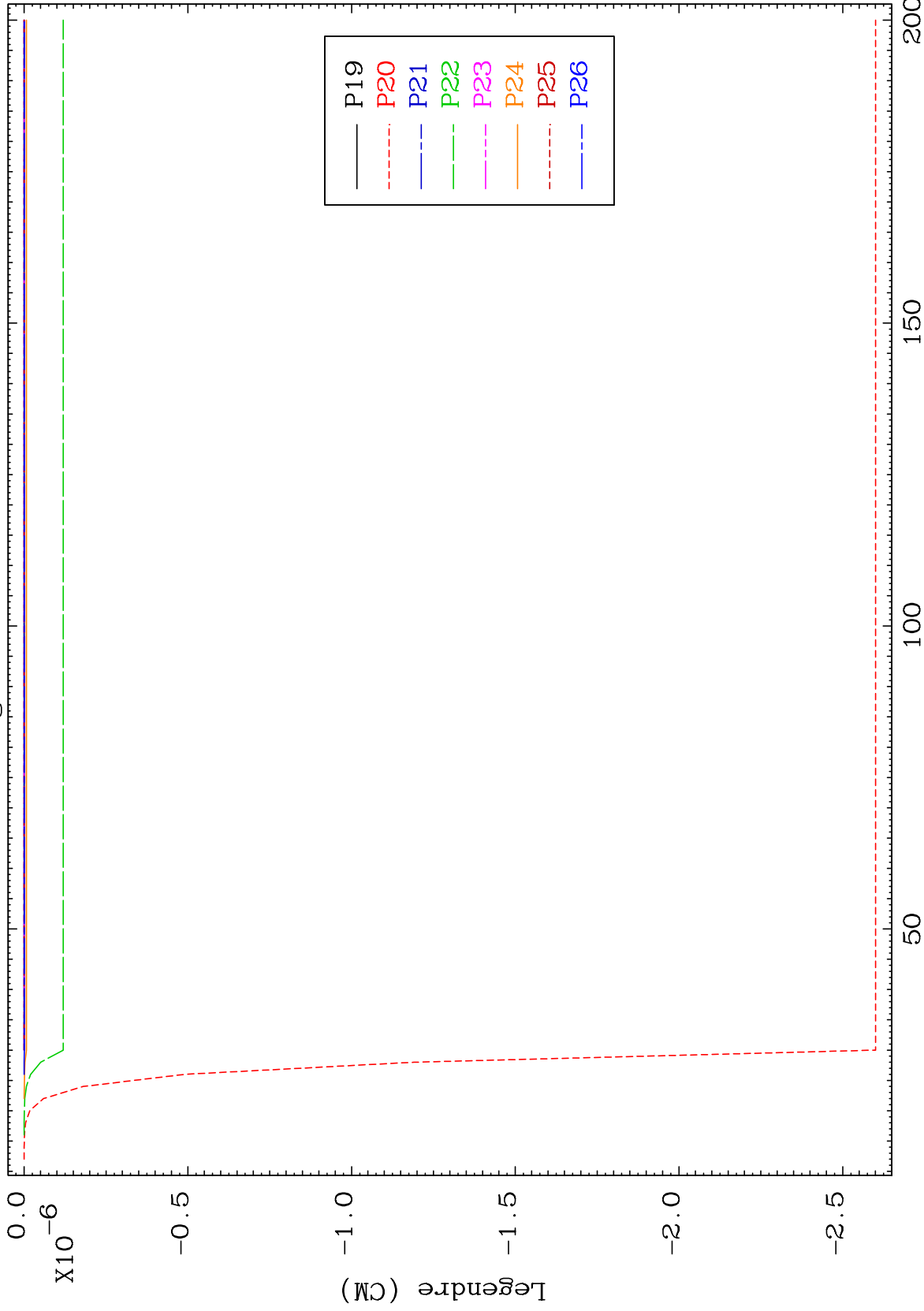
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



60-Nd-133

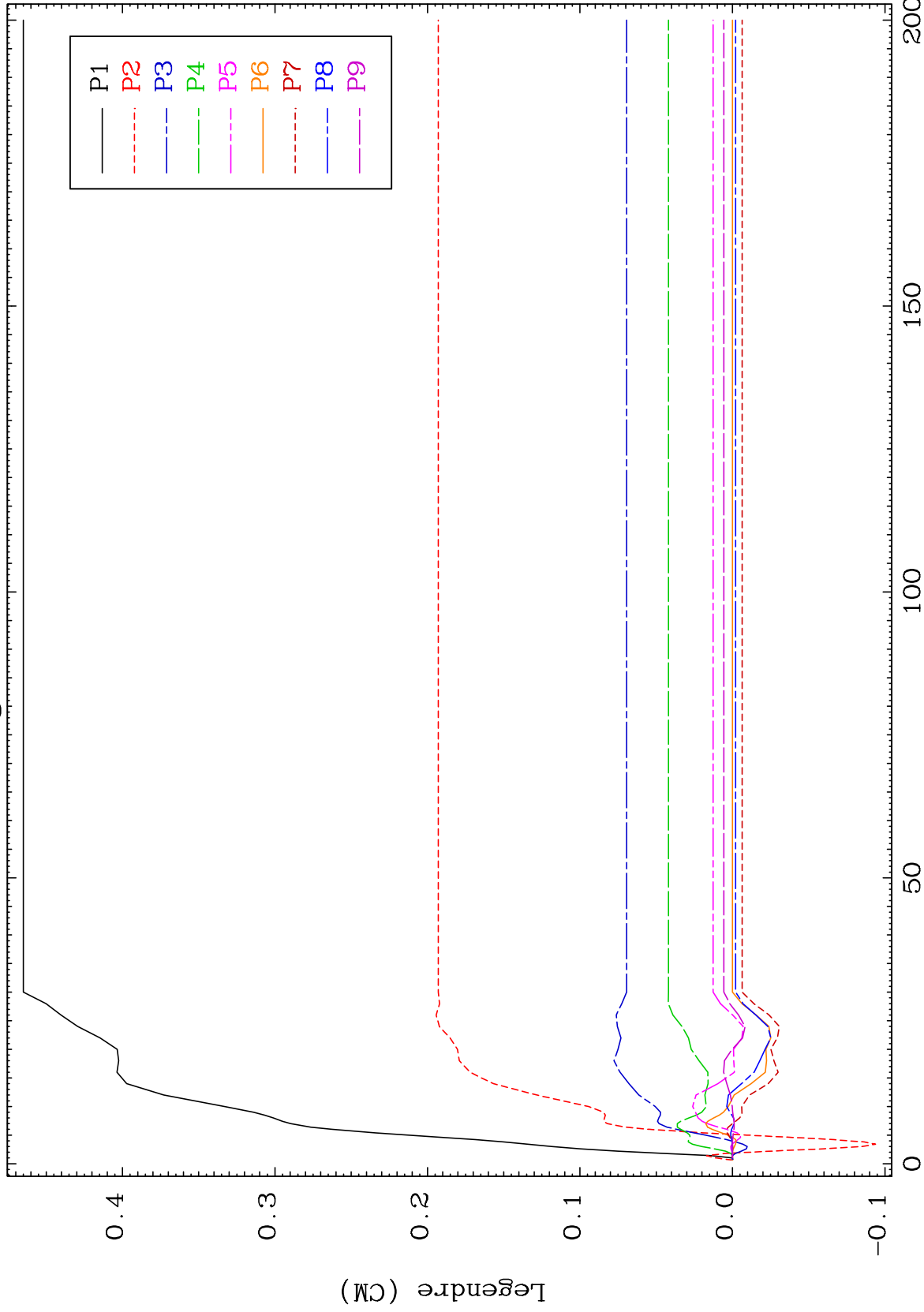
Incident Energy (MeV)

96

MAT 5998

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

60-Nd-133



97

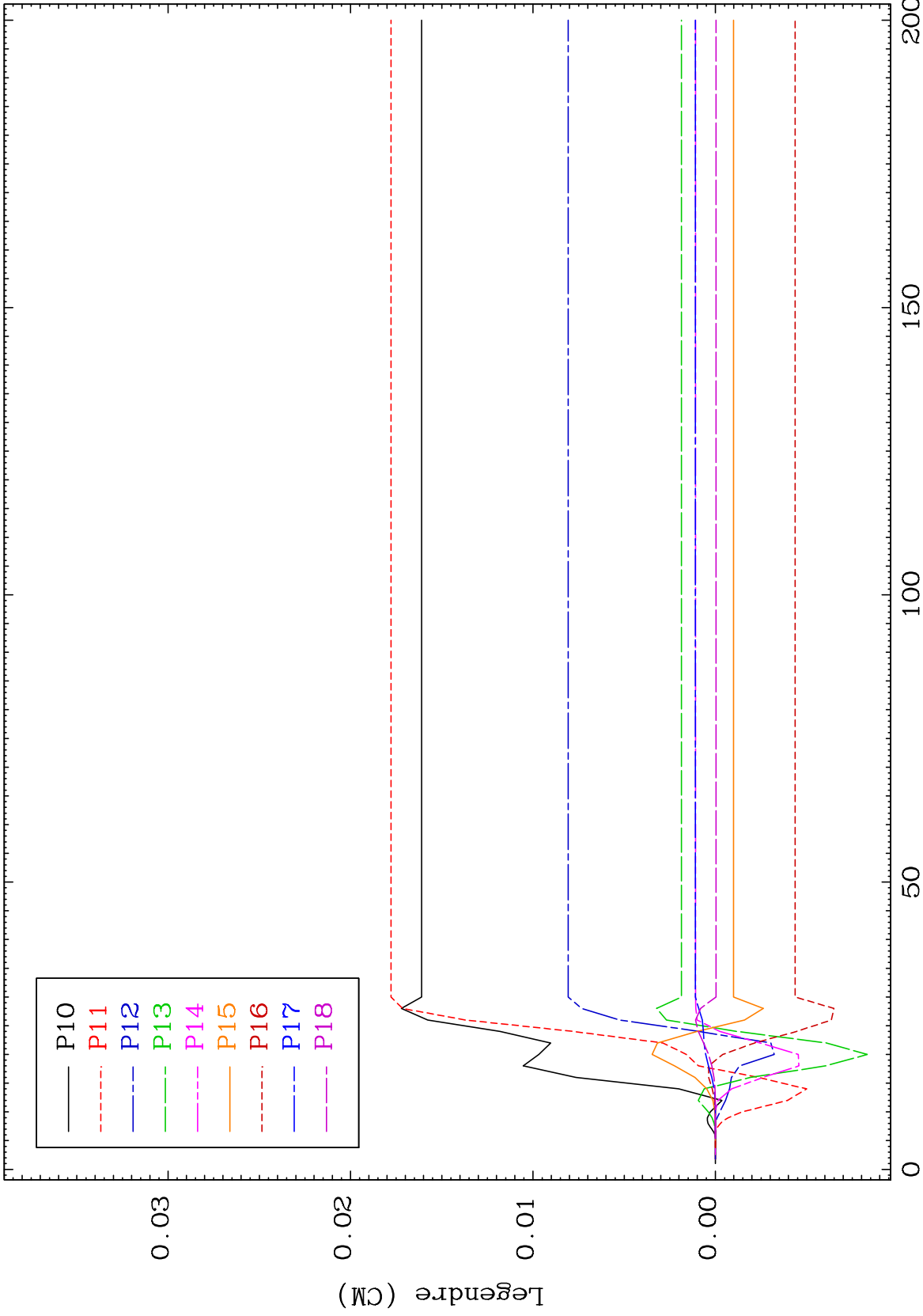
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



98

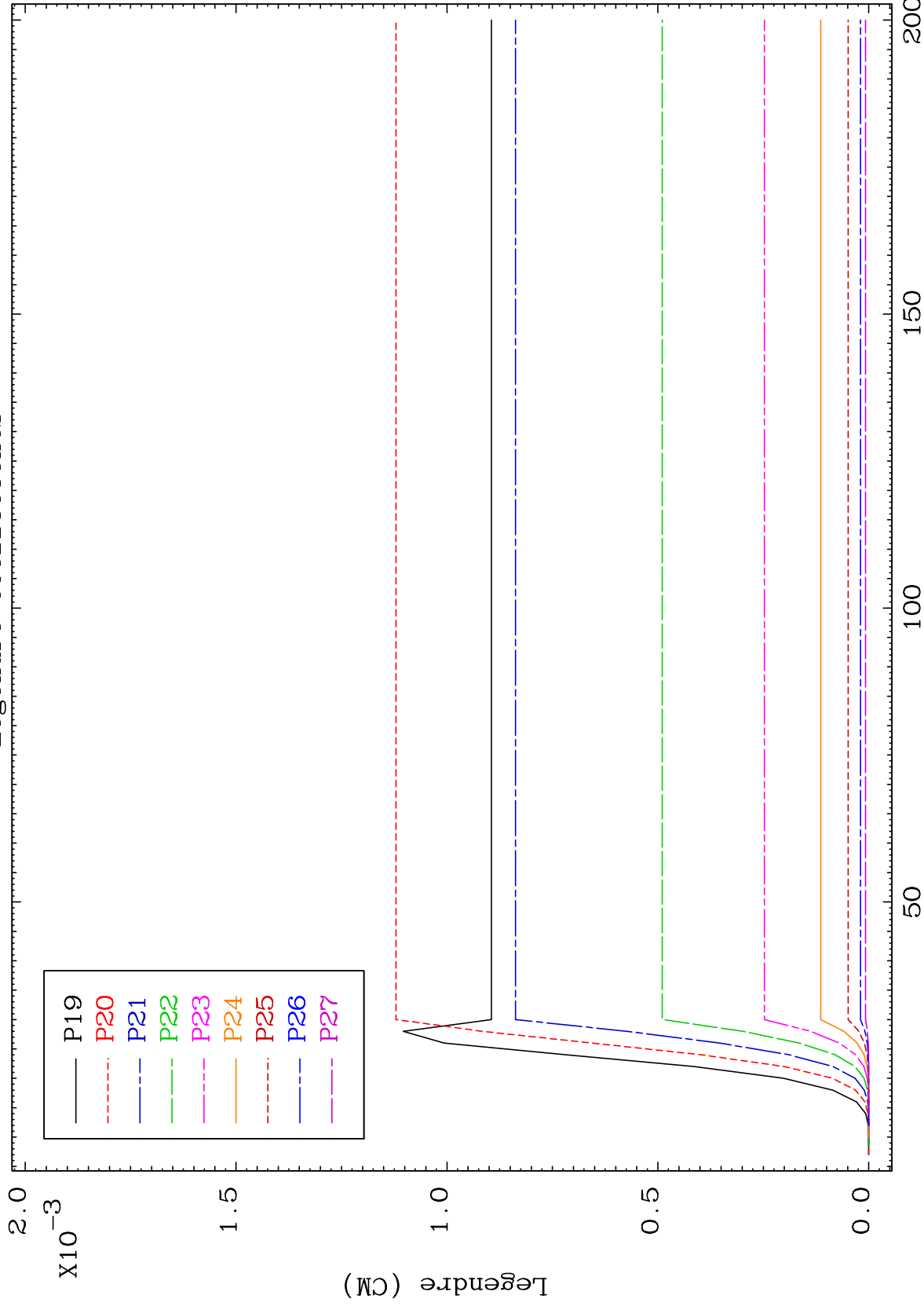
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



99

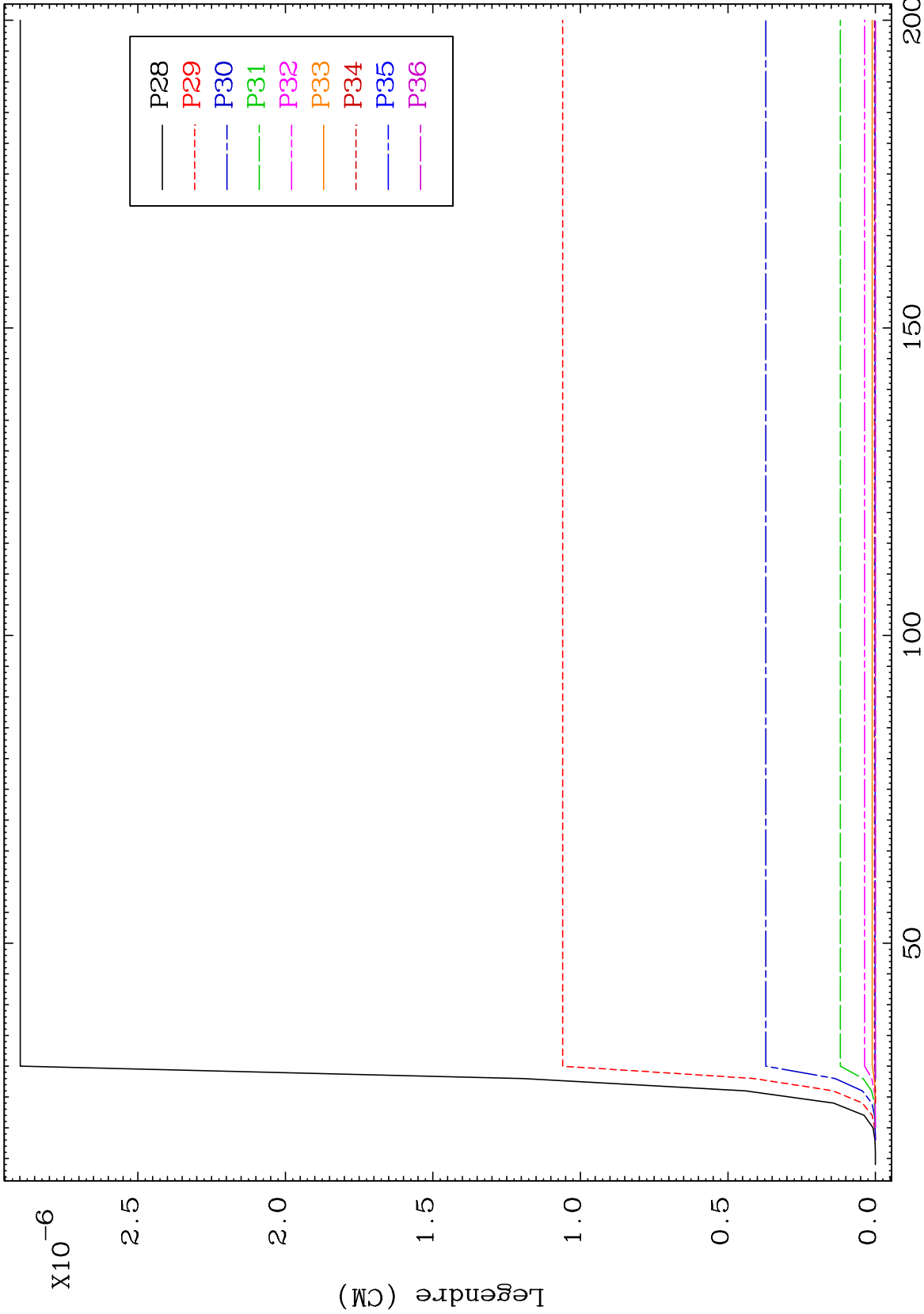
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



60-Nd-133

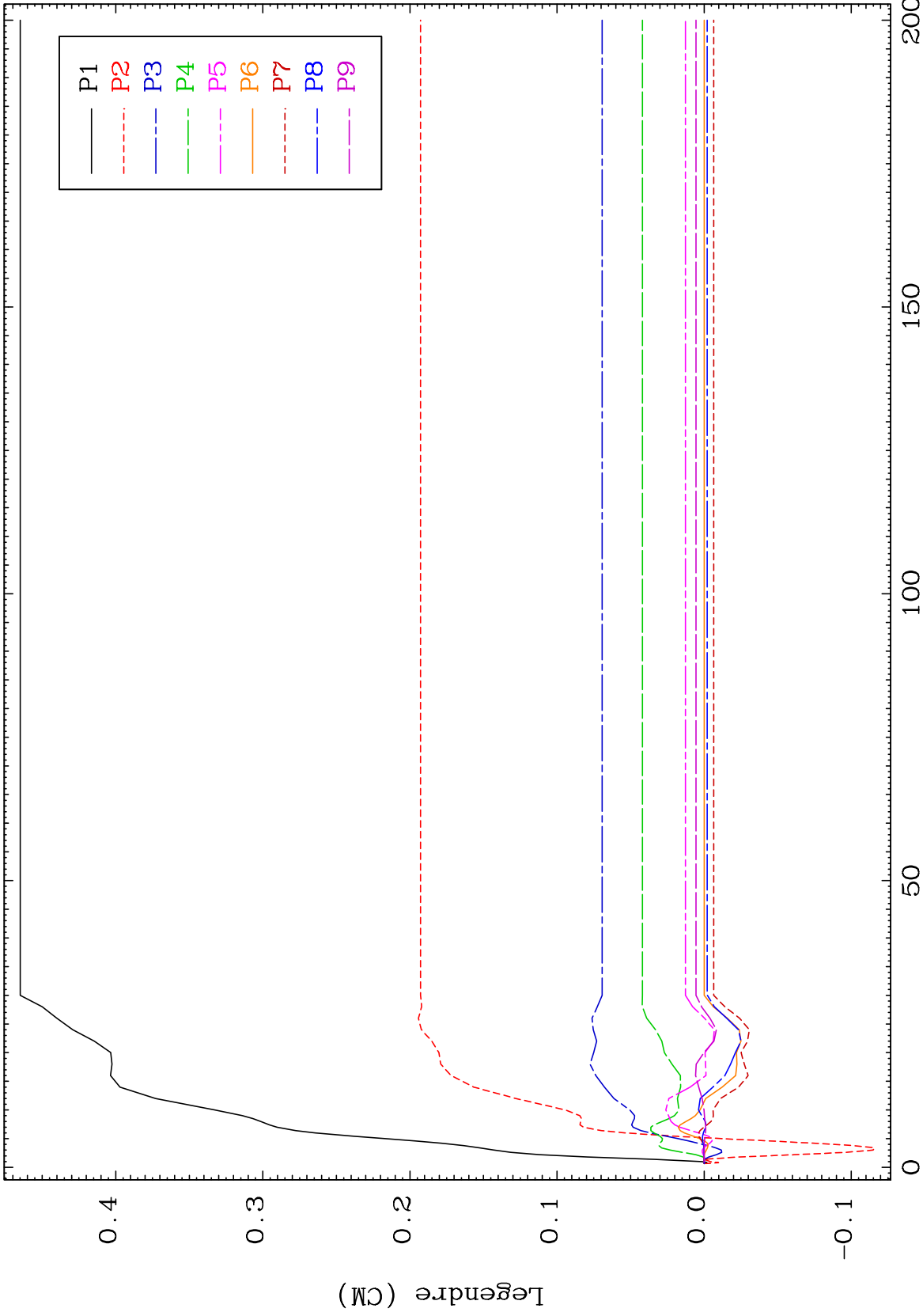
Incident Energy (MeV)

100

MAT 5998

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

60-Nd-133



101

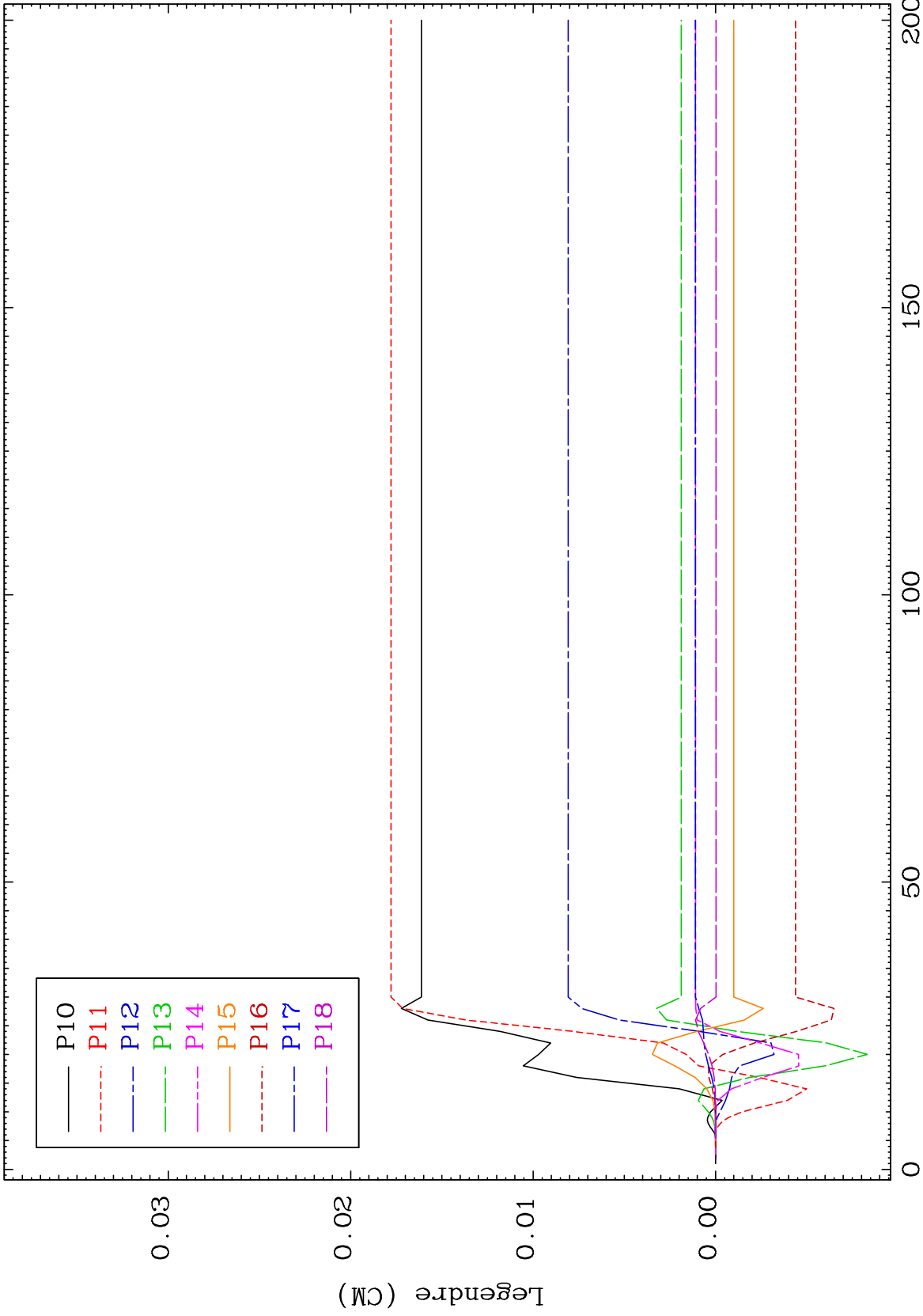
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



102

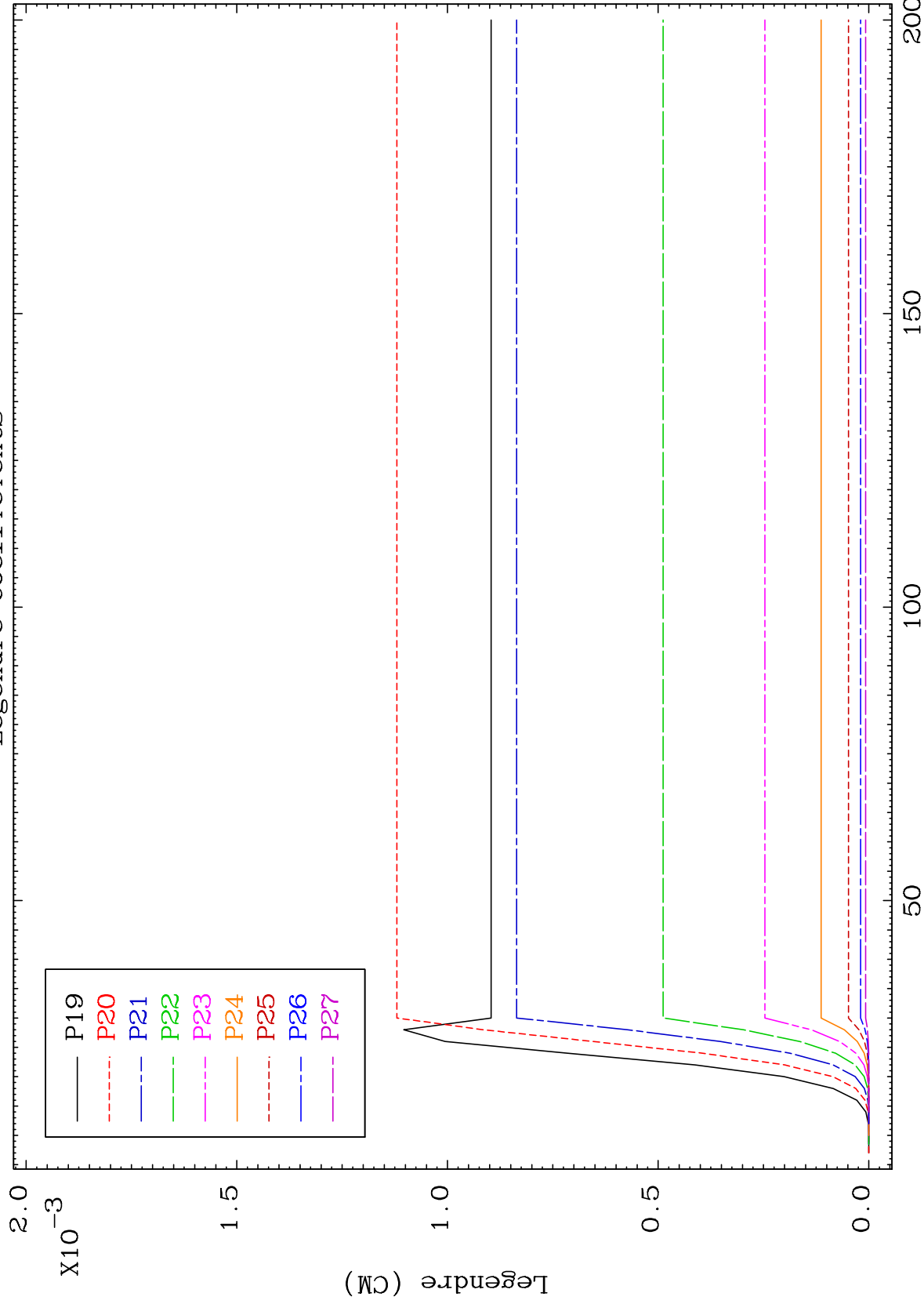
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



103

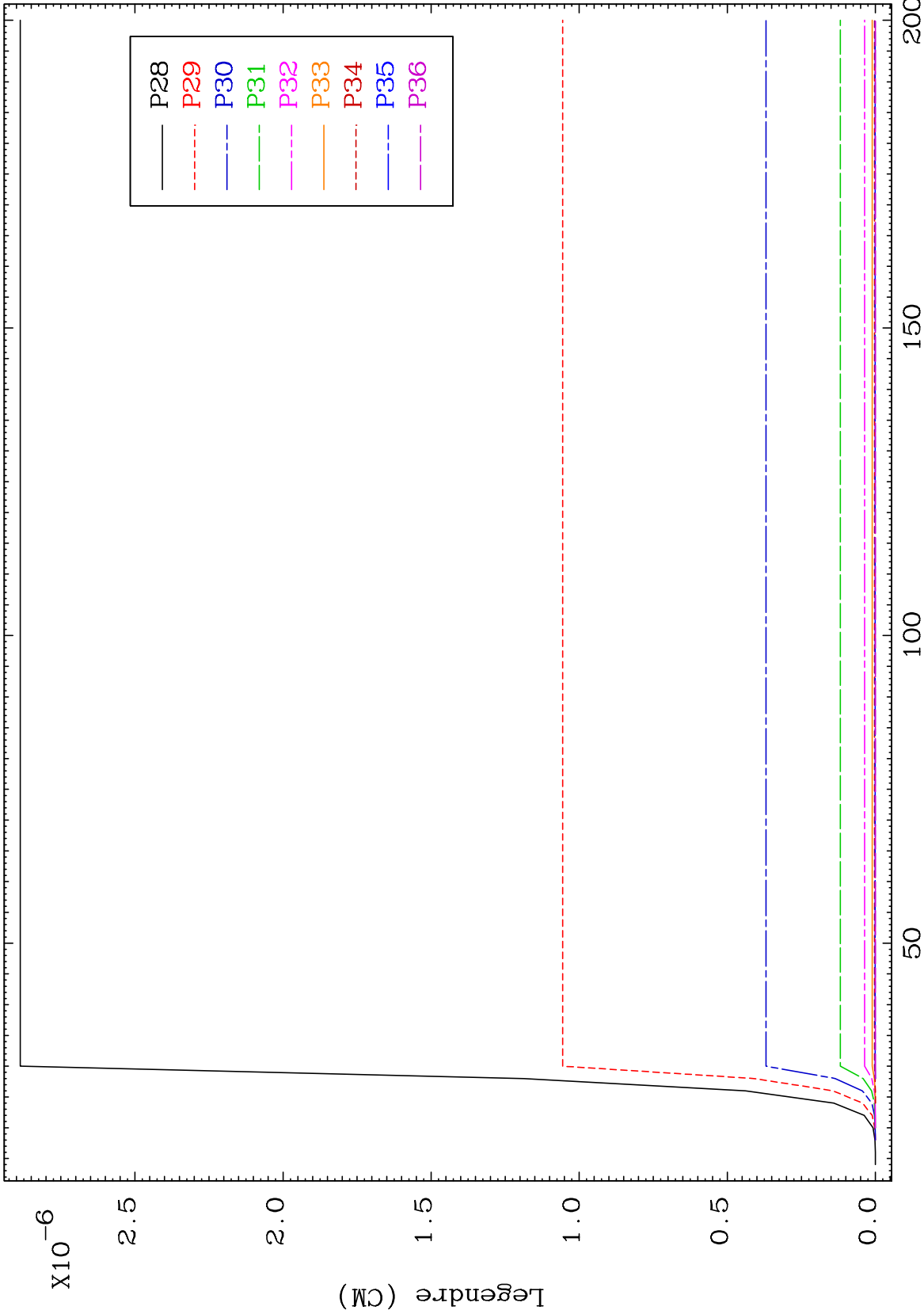
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



104

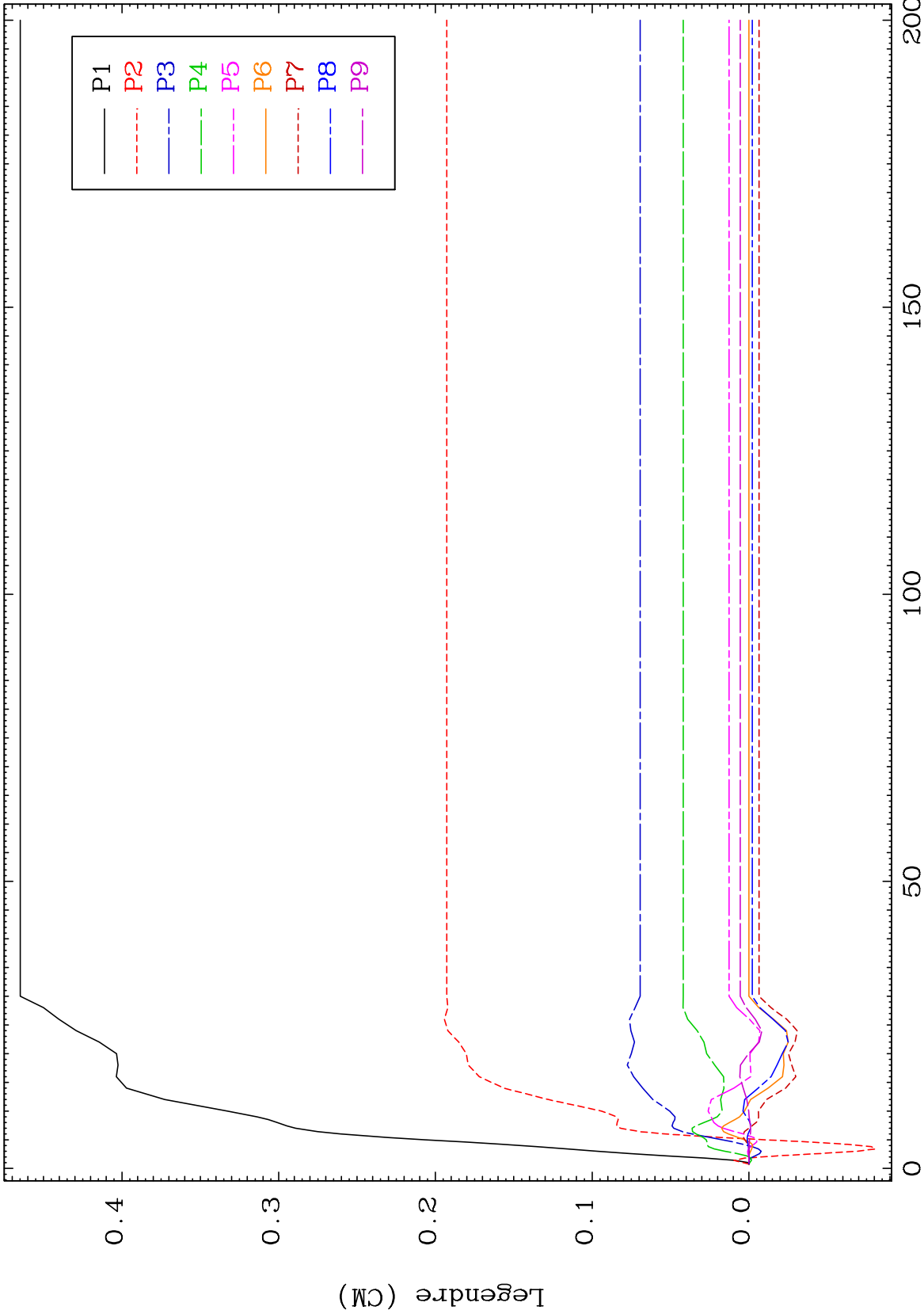
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



60-Nd-133

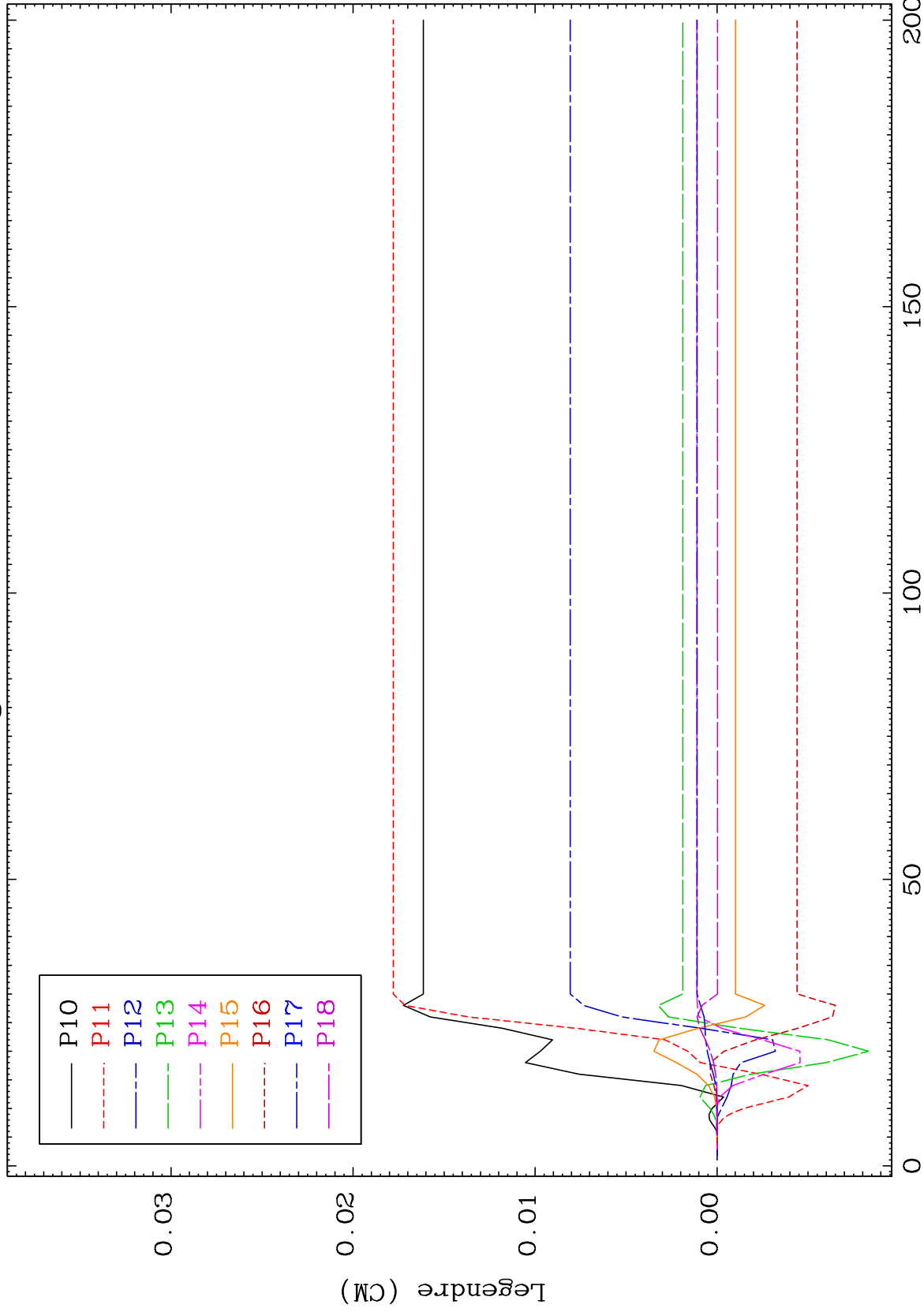
Incident Energy (MeV)

Legendre (CM)

MAT 5998

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

60-Nd-133



106

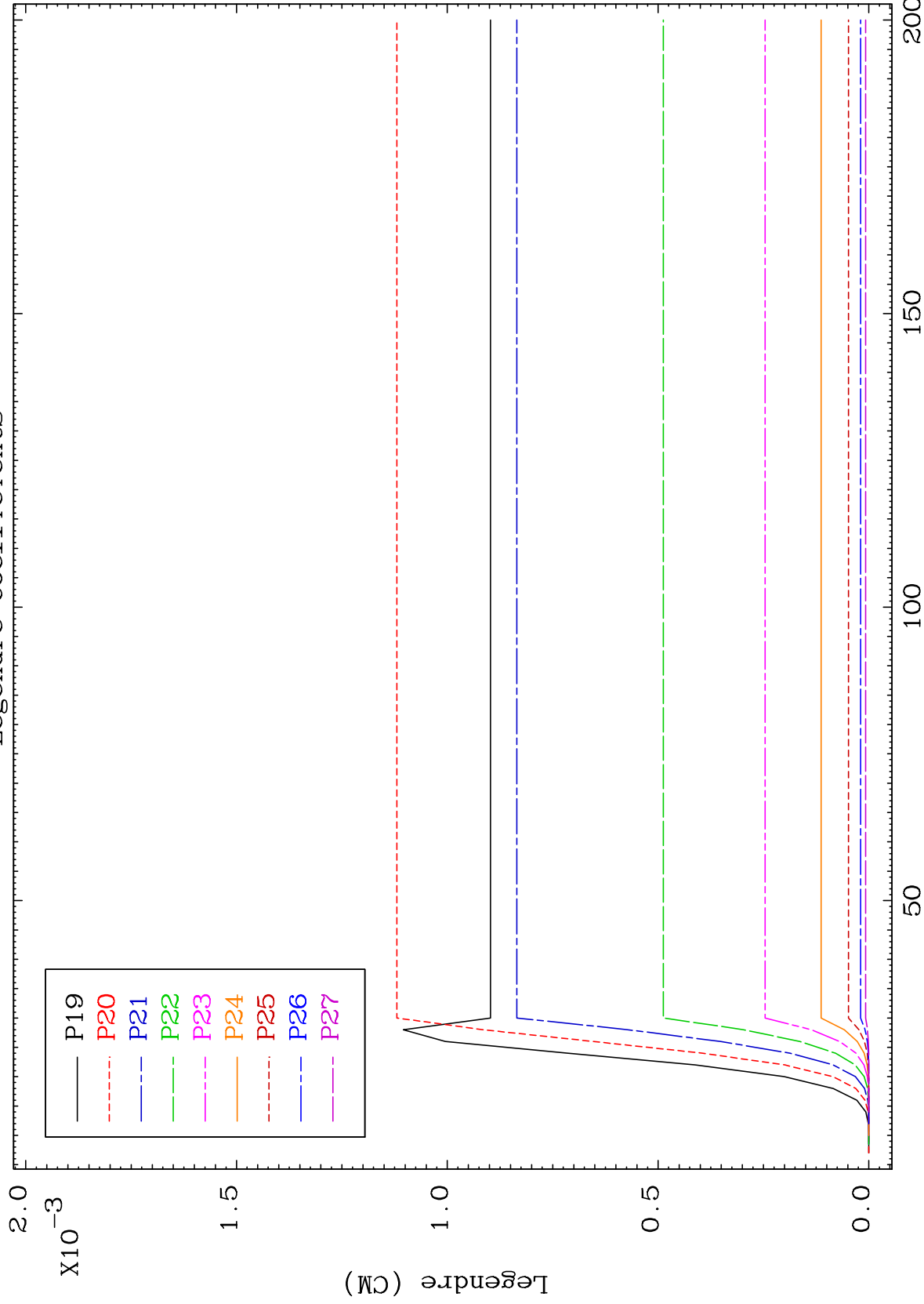
Incident Energy (MeV)

60-Nd-133

MAT 5998

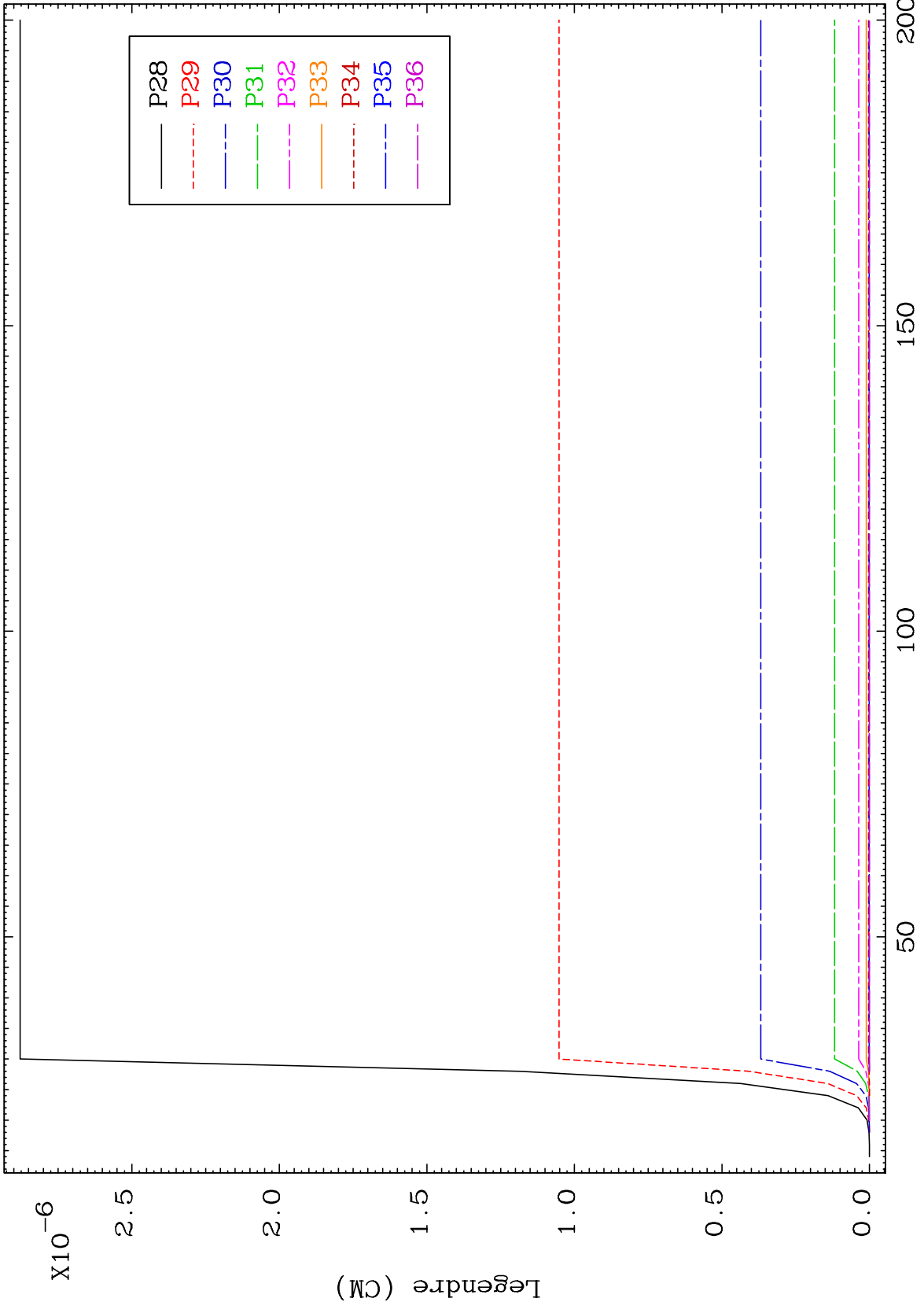
MT= 75 (n,n') Level
Legendre Coefficients

60-Nd-133



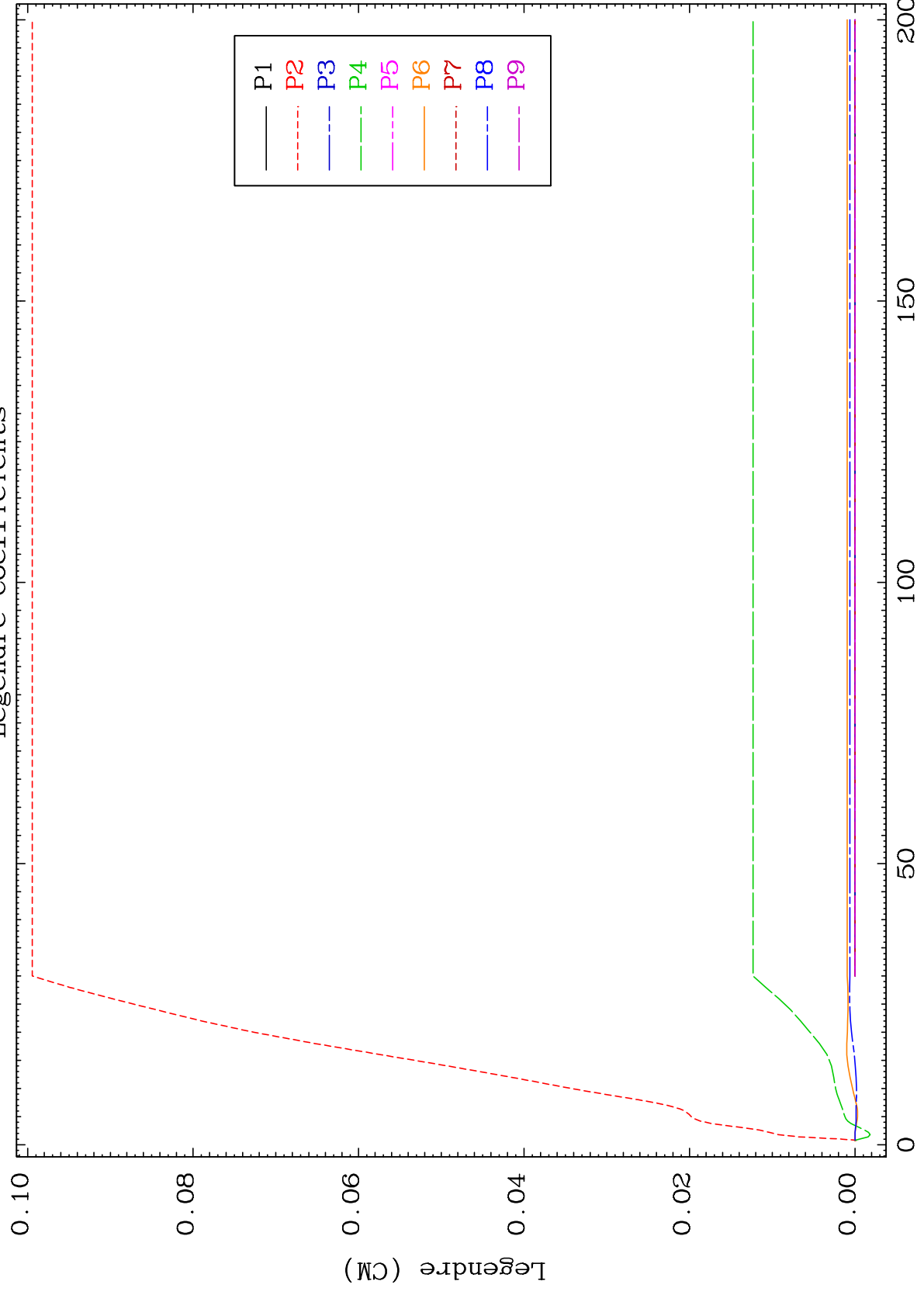
107

MAT 5998 MT= 75 (n,n') Level Legendre Coefficients 60-Nd-133



108 50 100 150 200 60-Nd-133

MAT 5998 MT= 76 (n,n') Level Legendre Coefficients 60-Nd-133

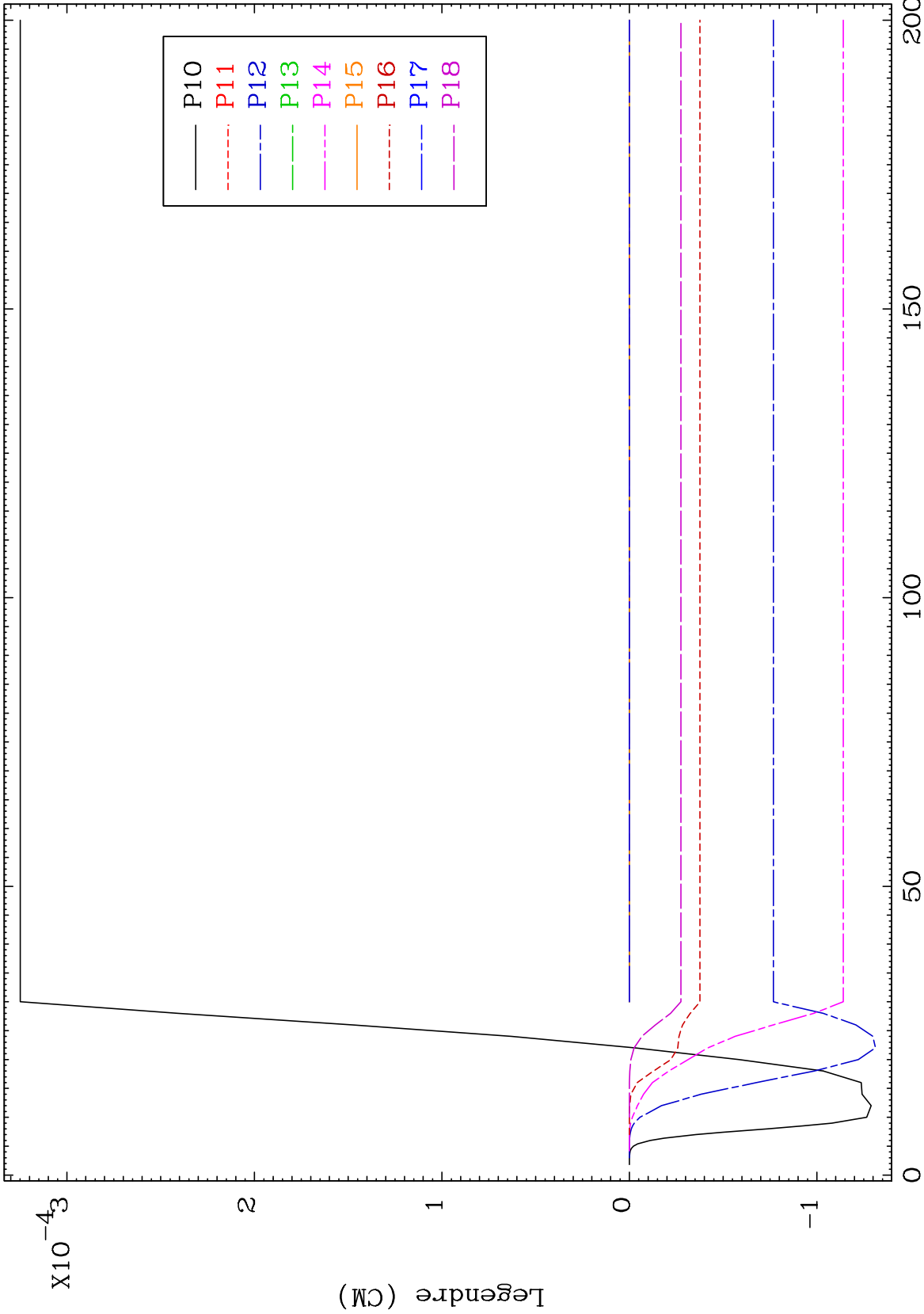


109 60-Nd-133

MAT 5998

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

60-Nd-133

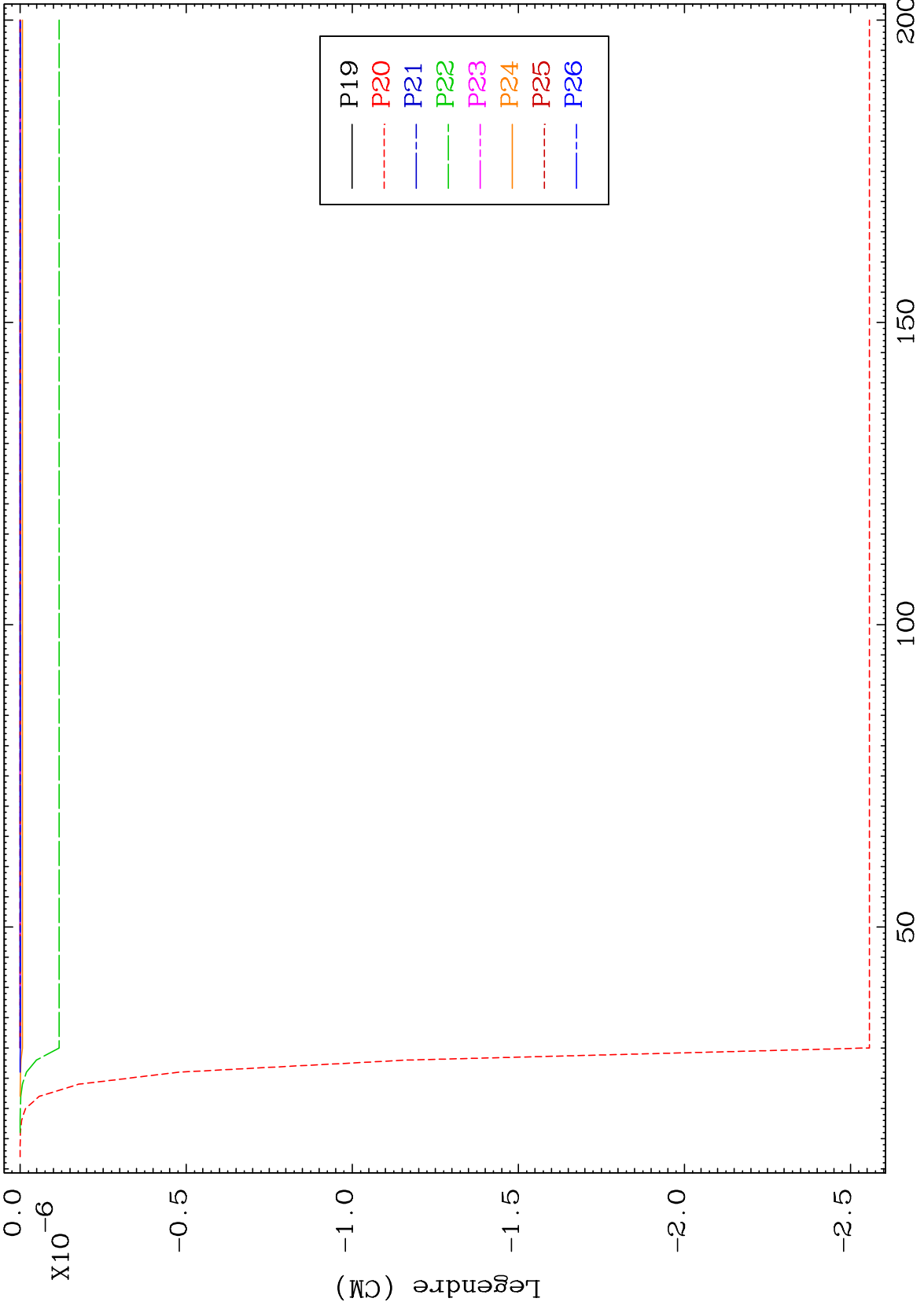


60-Nd-133

Incident Energy (MeV)

110

MAT 5998 MT= 76 (n,n') Level Legendre Coefficients 60-Nd-133

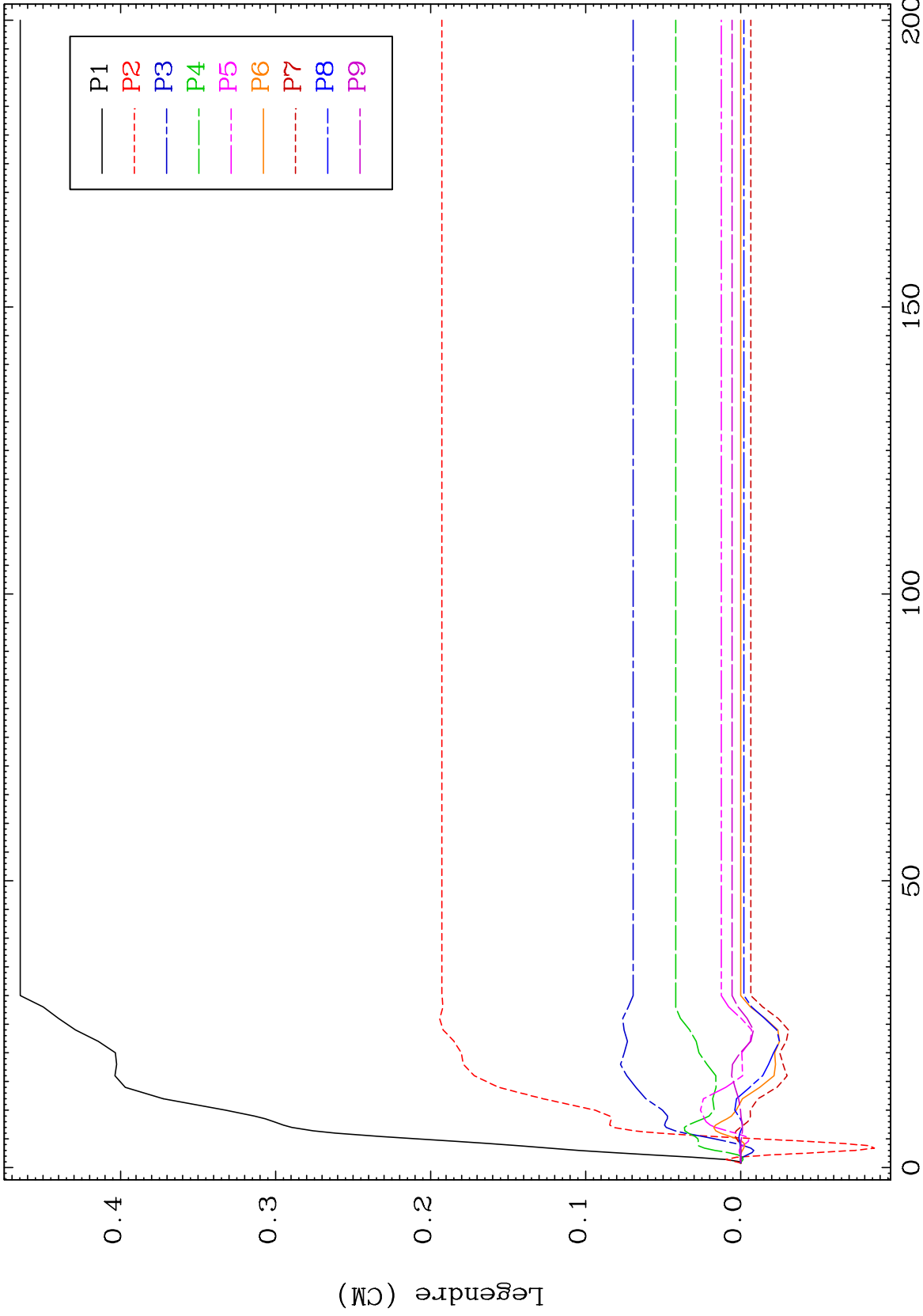


111 60-Nd-133

MAT 5998

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

60-Nd-133



112

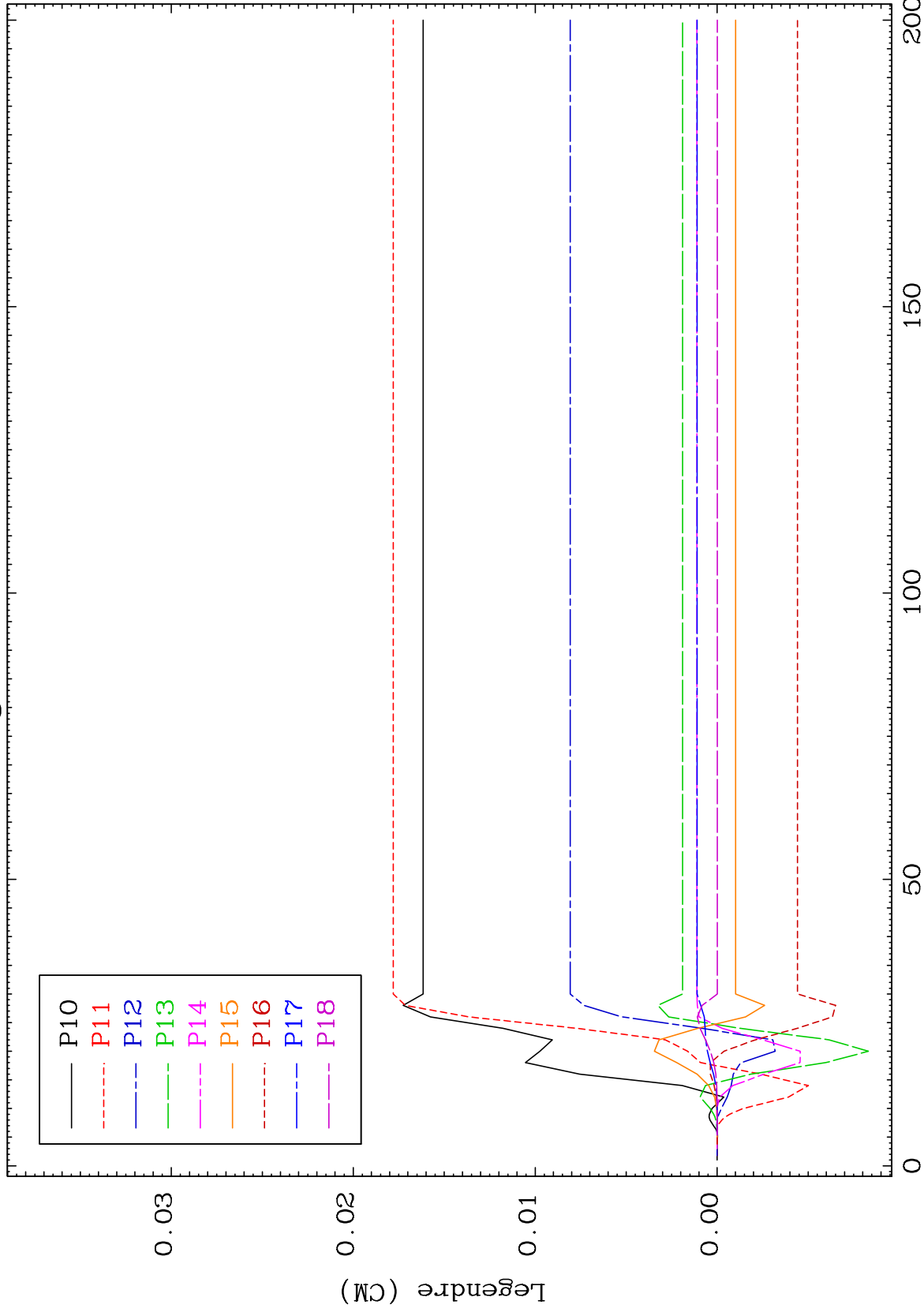
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



113

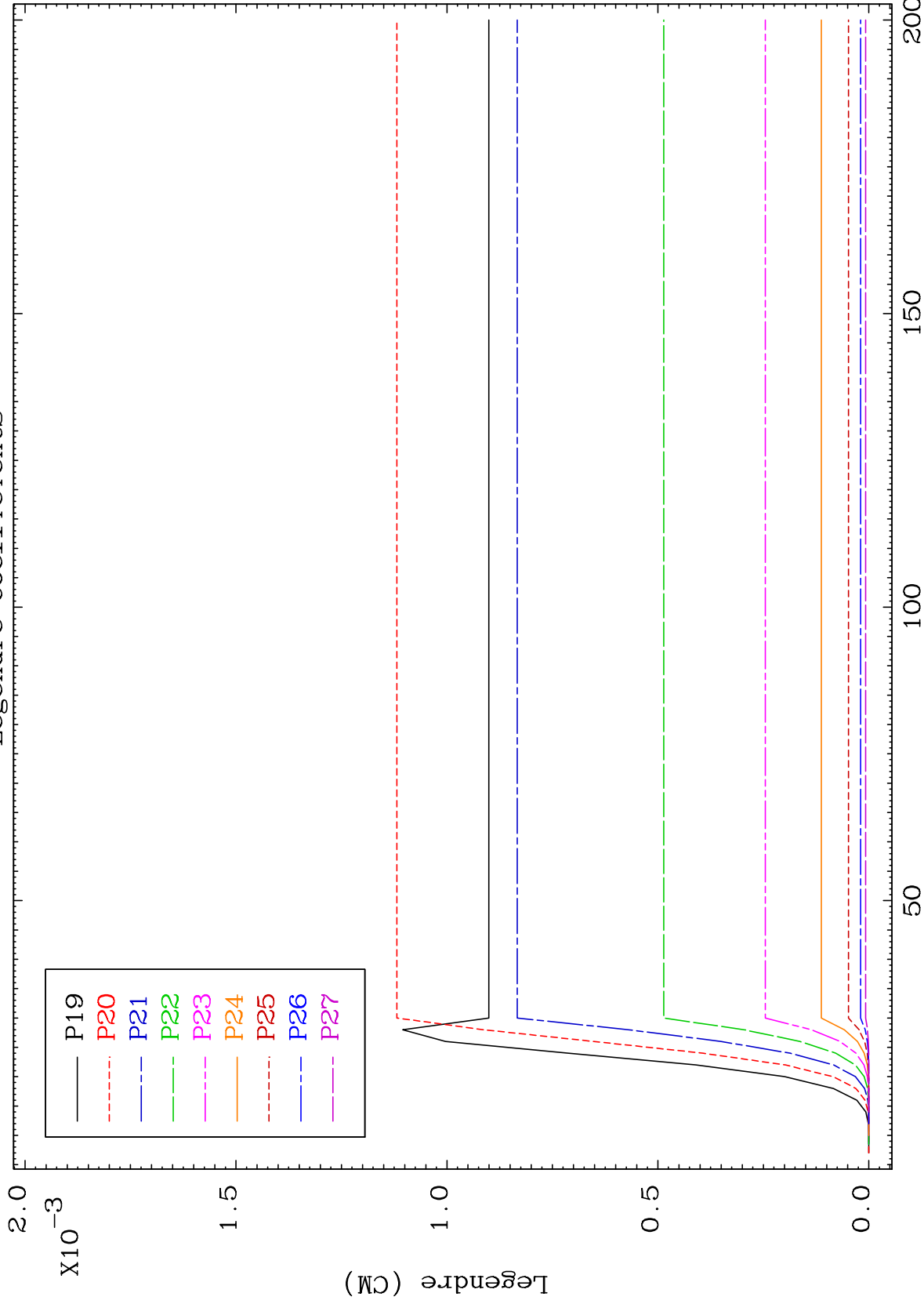
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



114

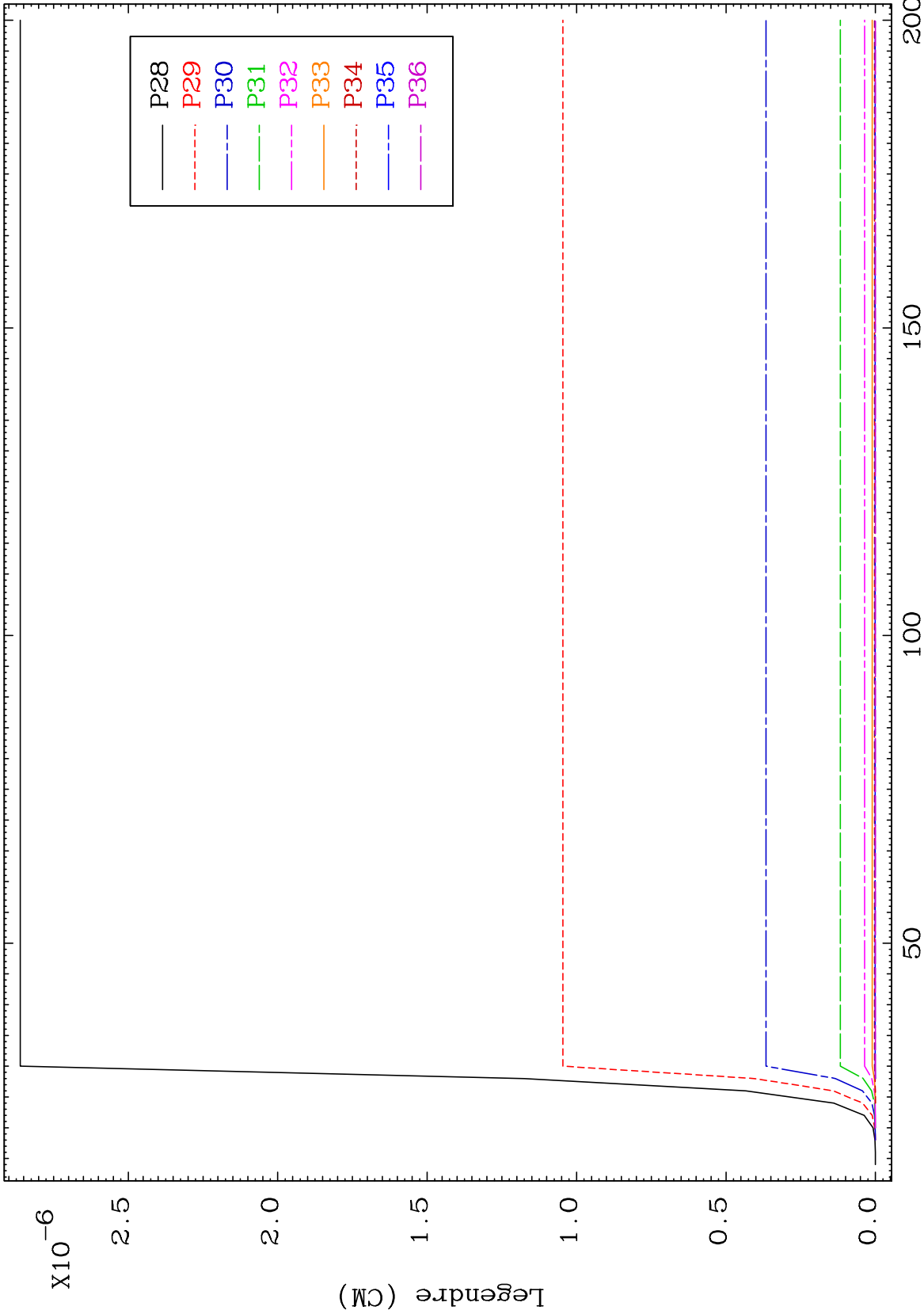
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133

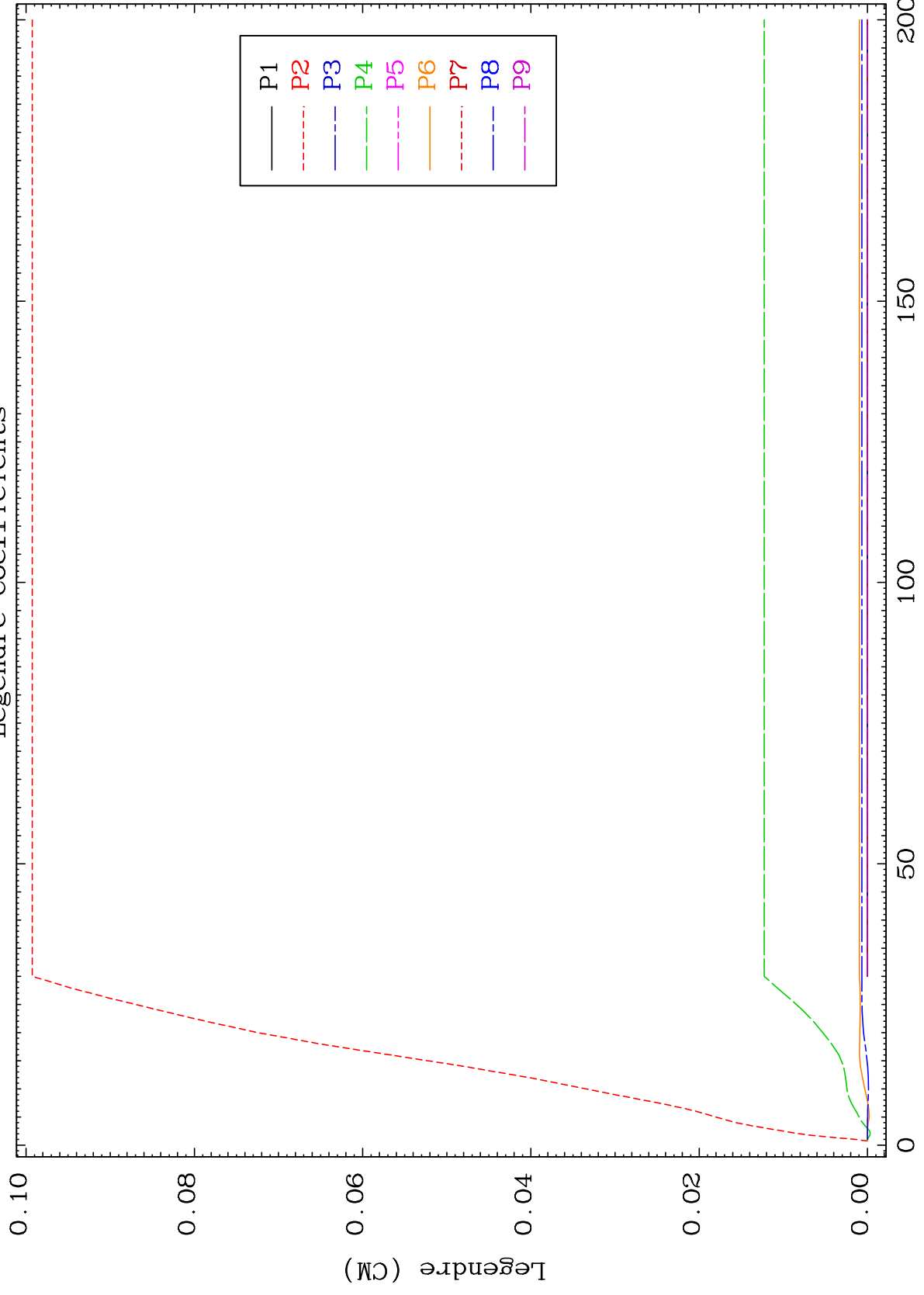


115

Incident Energy (MeV)

60-Nd-133

MAT 5998 MT= 78 (n,n') Level Legendre Coefficients 60-Nd-133

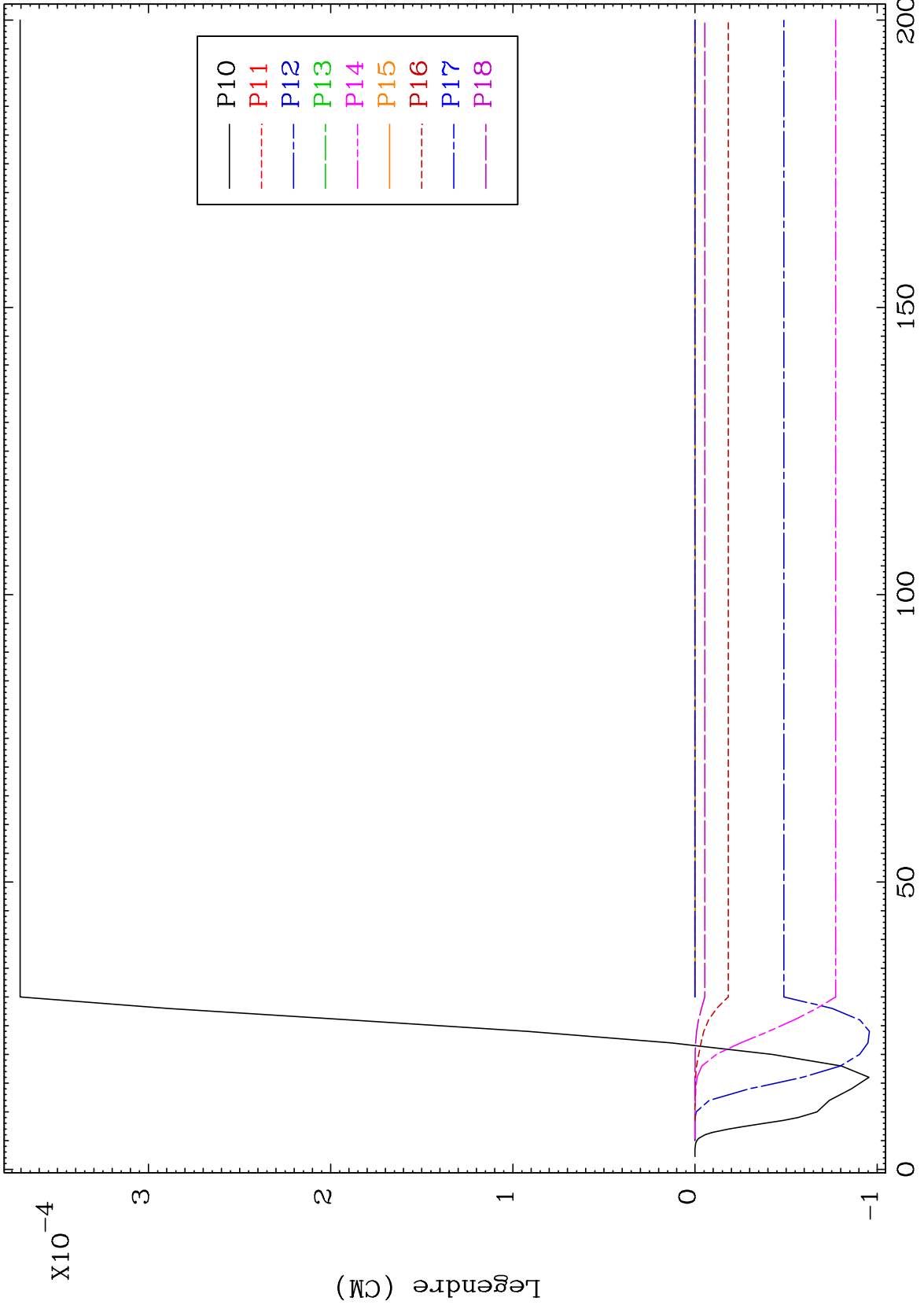


116 Incident Energy (MeV) 60-Nd-133

MAT 5998

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

60-Nd-133



117

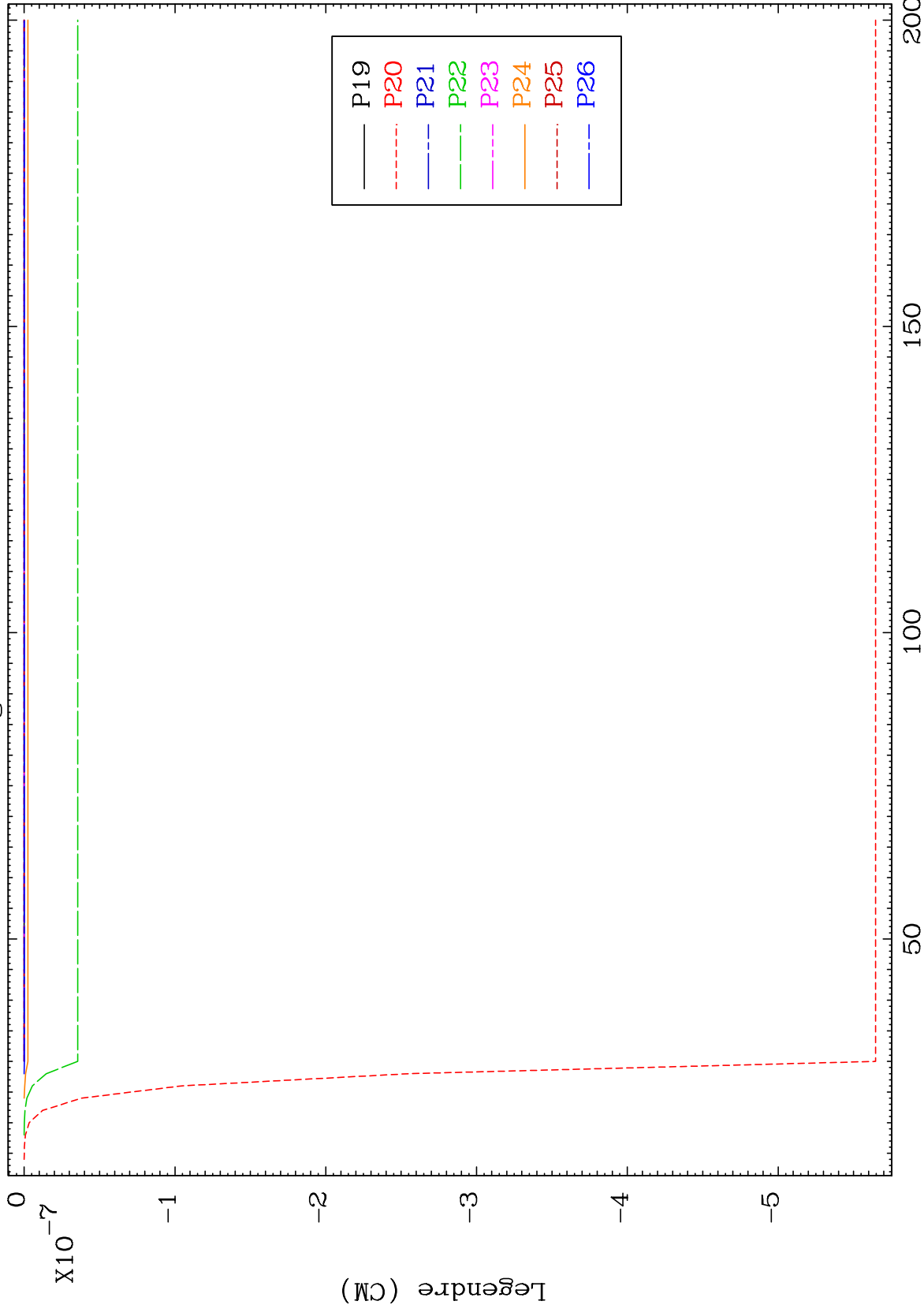
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



60-Nd-133

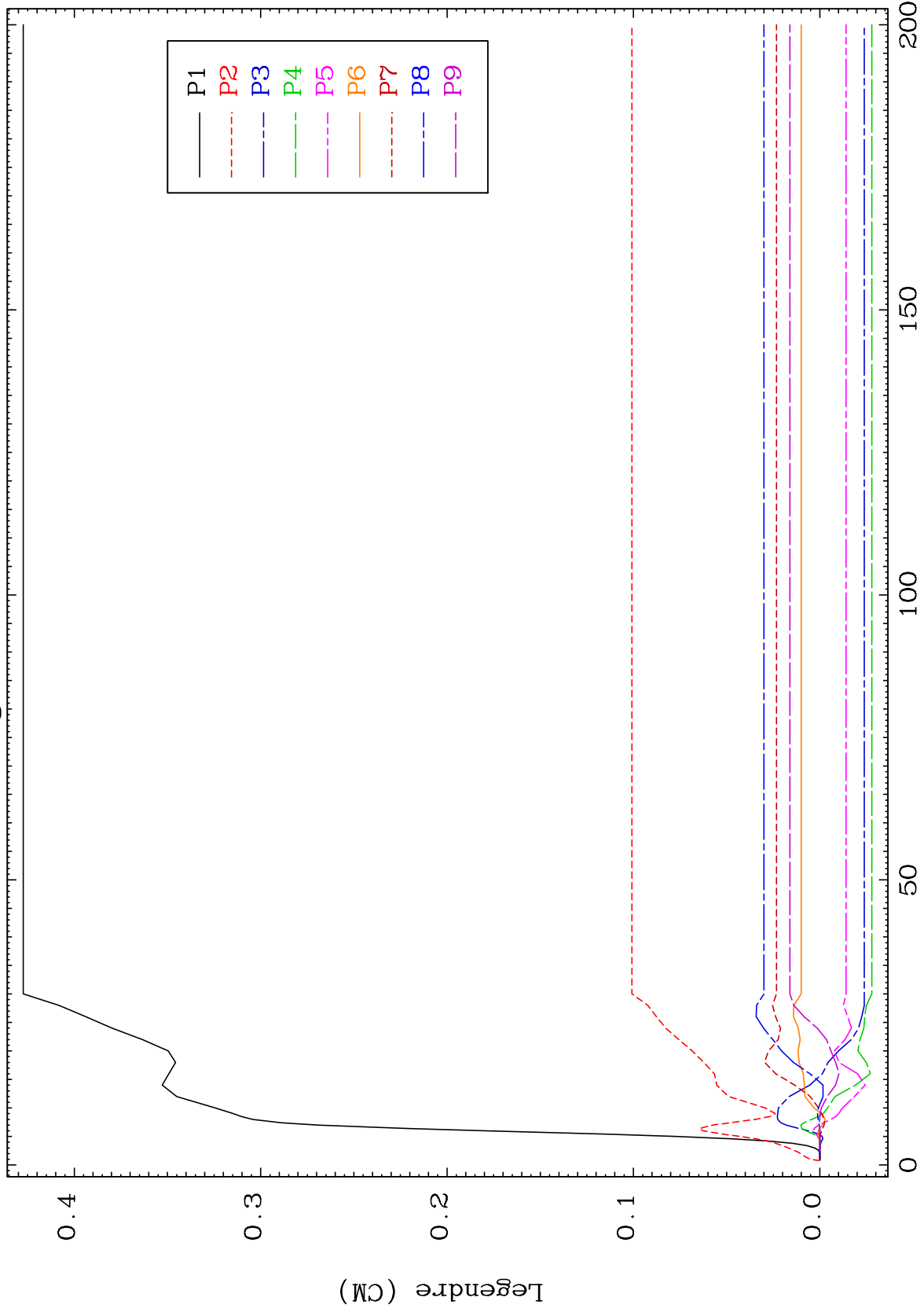
Incident Energy (MeV)

118

MAT 5998

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

60-Nd-133



119

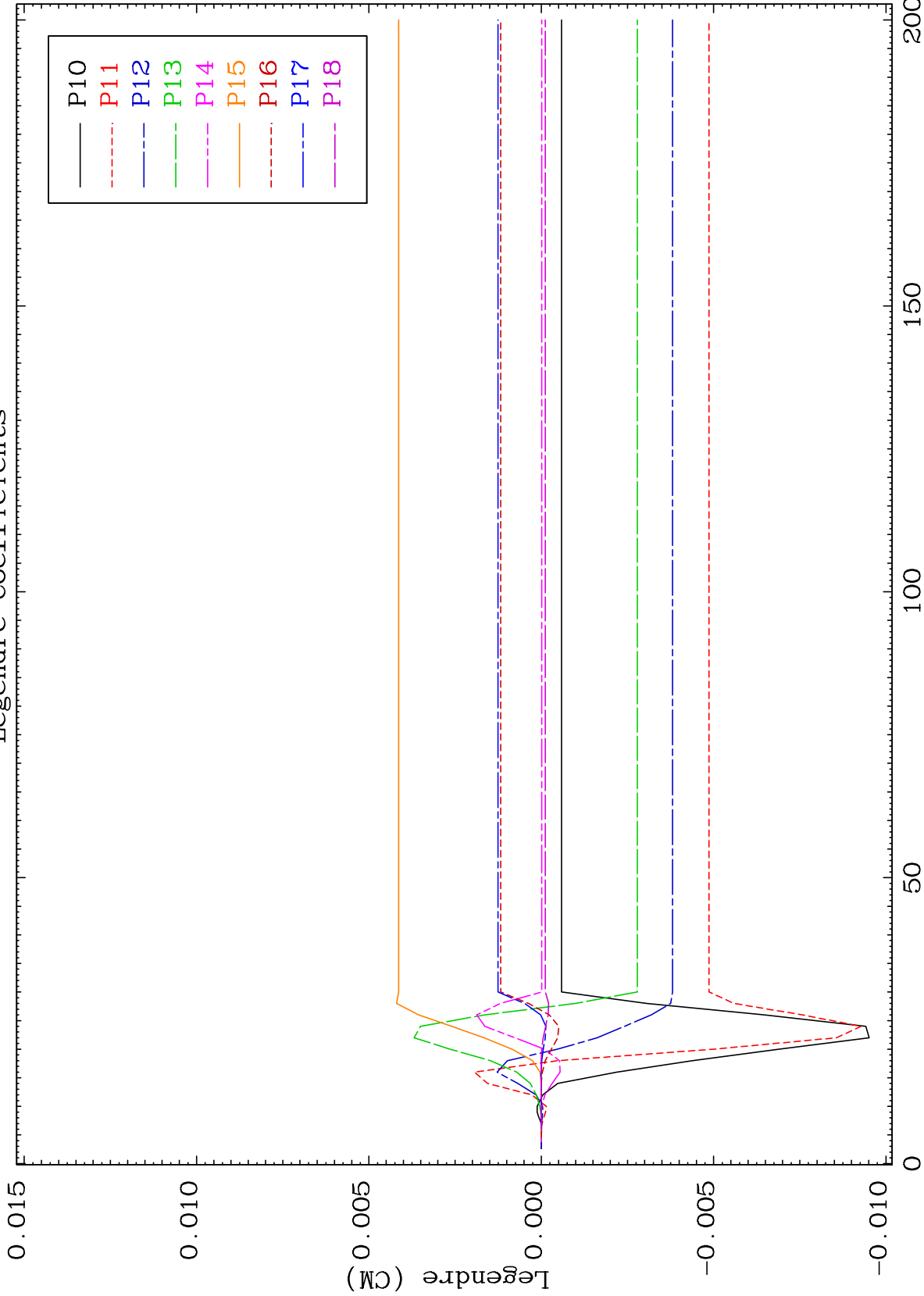
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133



60-Nd-133

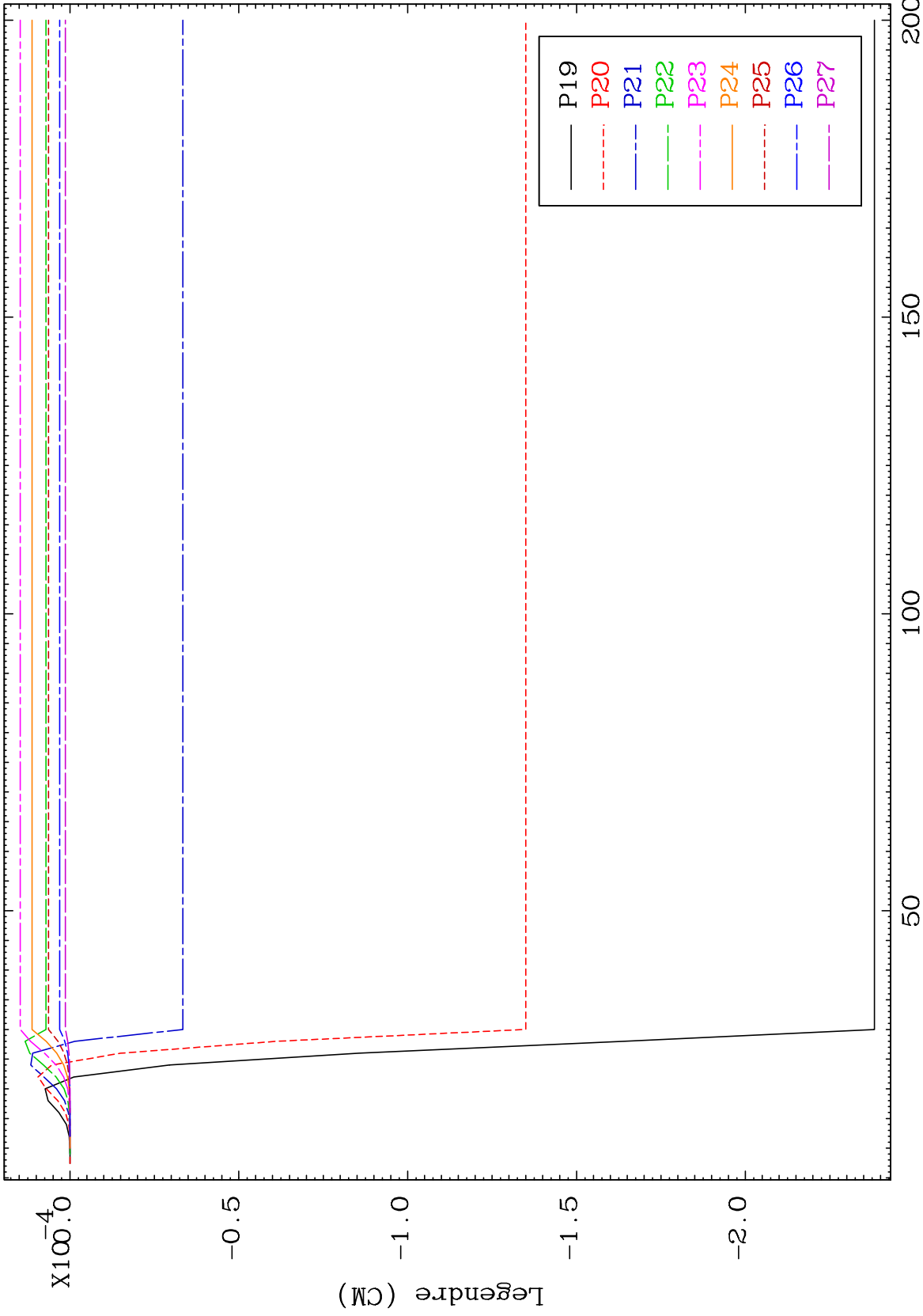
Incident Energy (MeV)

120

MAT 5998

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

60-Nd-133



121

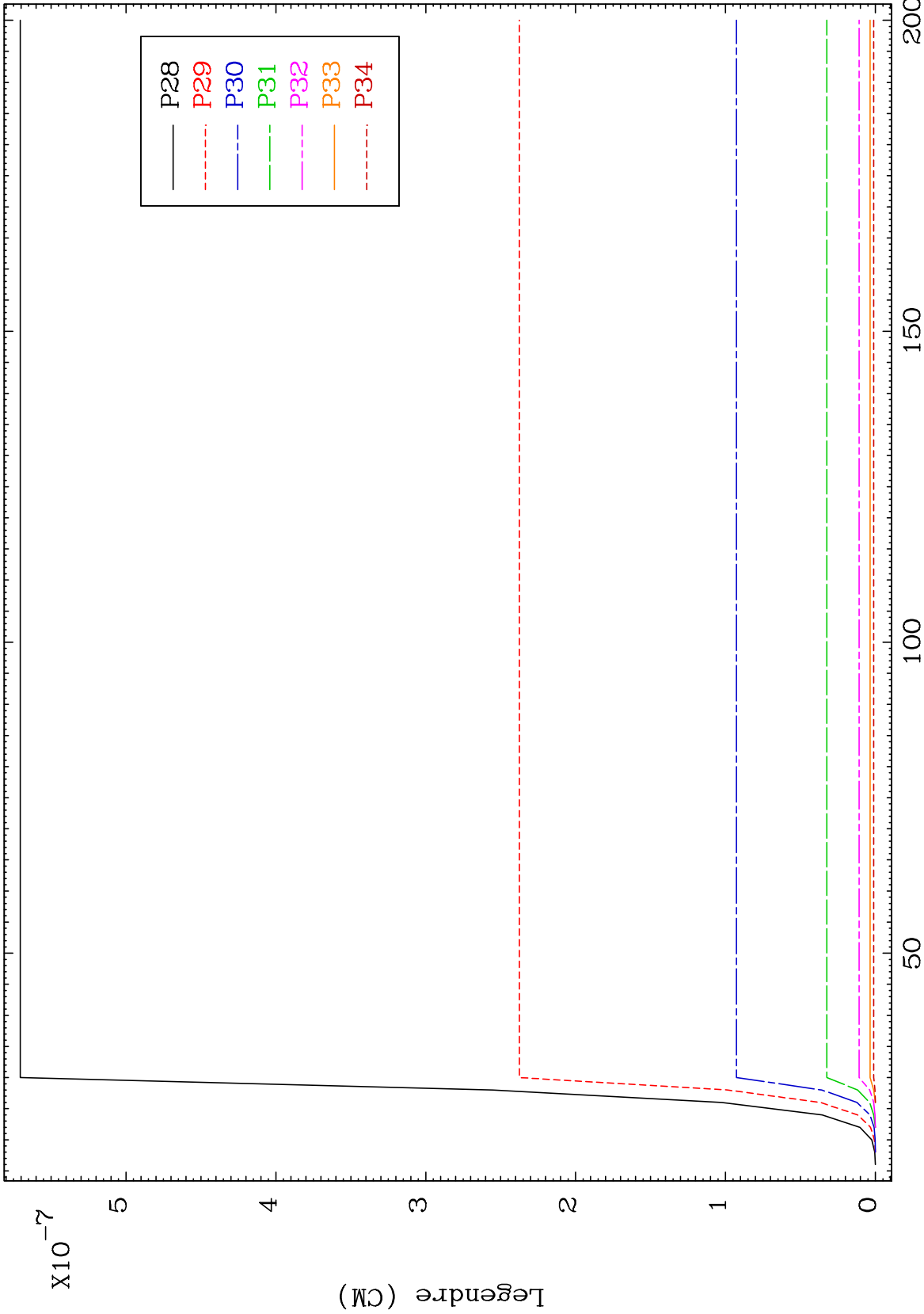
Incident Energy (MeV)

60-Nd-133

MAT 5998

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

60-Nd-133

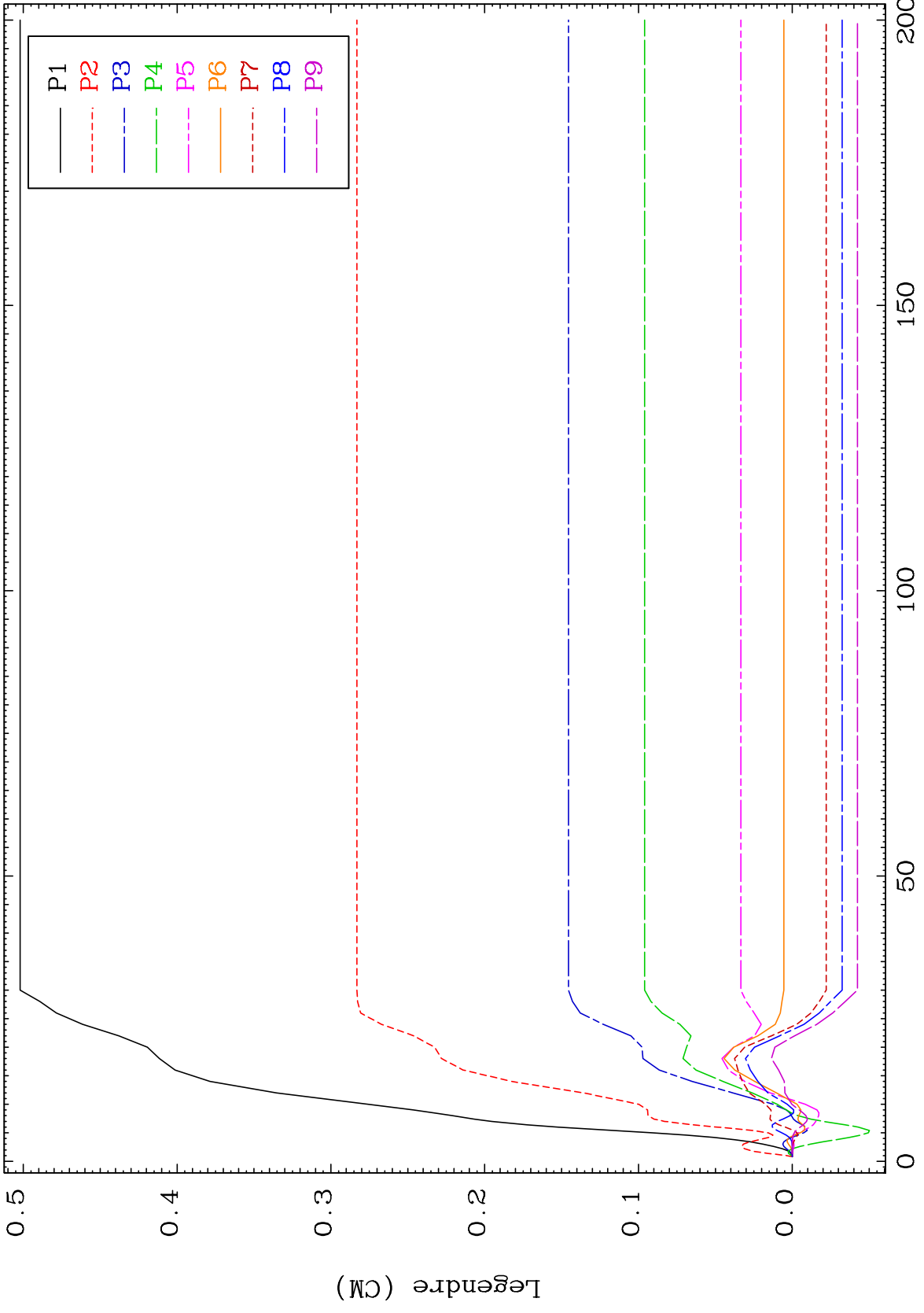


122

Incident Energy (MeV)

60-Nd-133

MAT 5998 MT= 80 (n,n') Level Legendre Coefficients 60-Nd-133

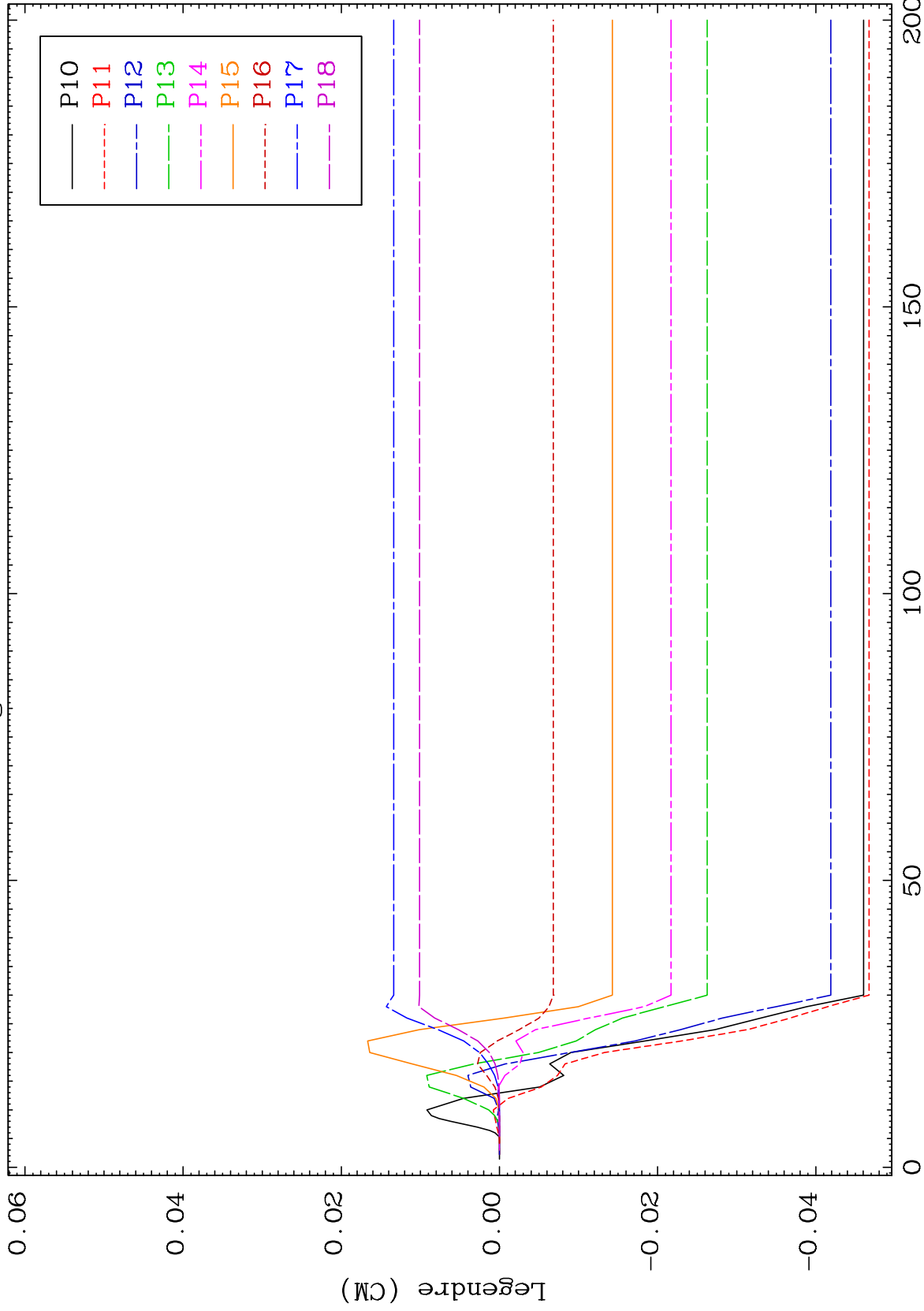


123 Incident Energy (MeV) 60-Nd-133

MAT 5998

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

60-Nd-133

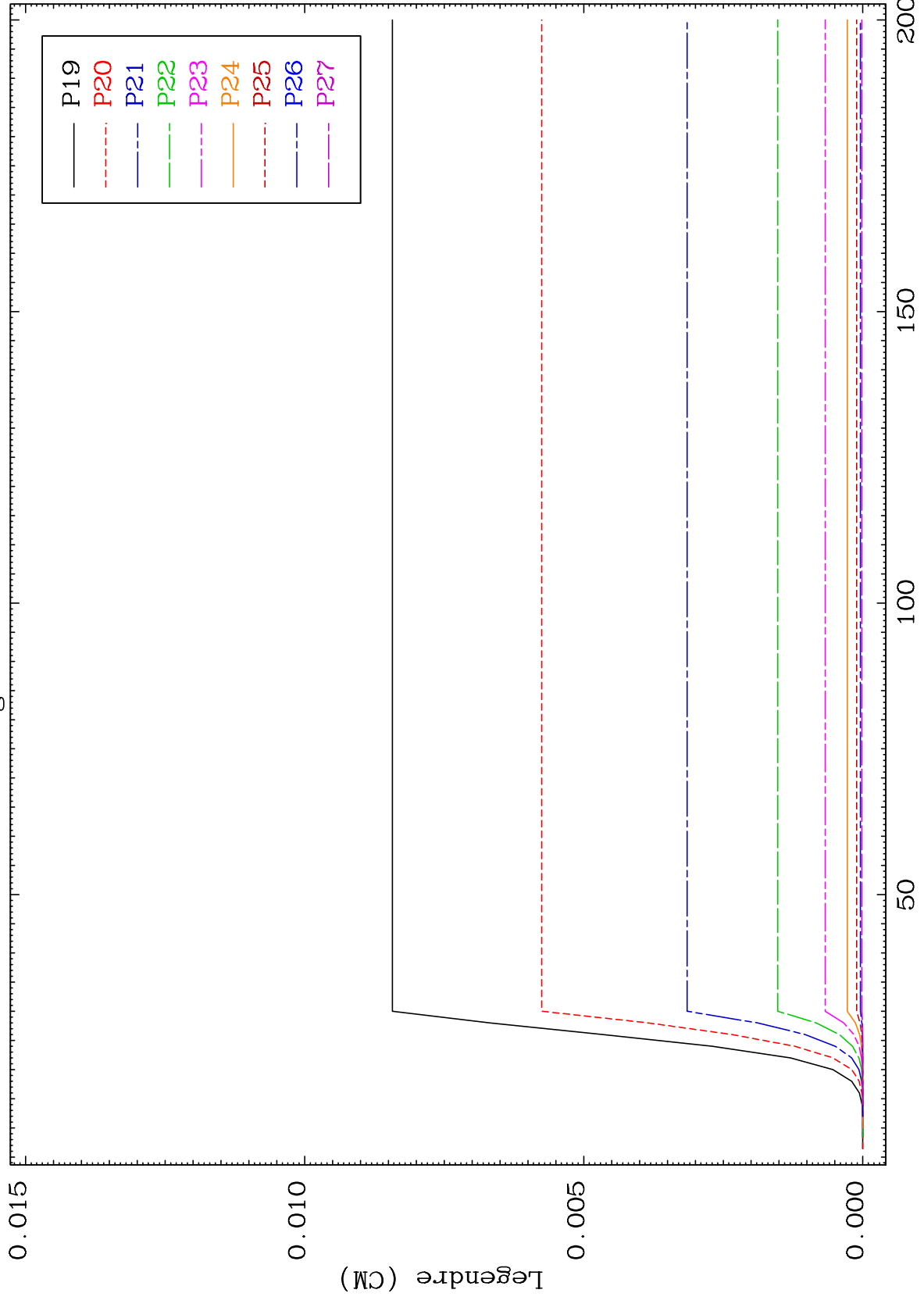


124

Incident Energy (MeV)

60-Nd-133

MAT 5998 MT= 80 (n,n') Level Legendre Coefficients 60-Nd-133

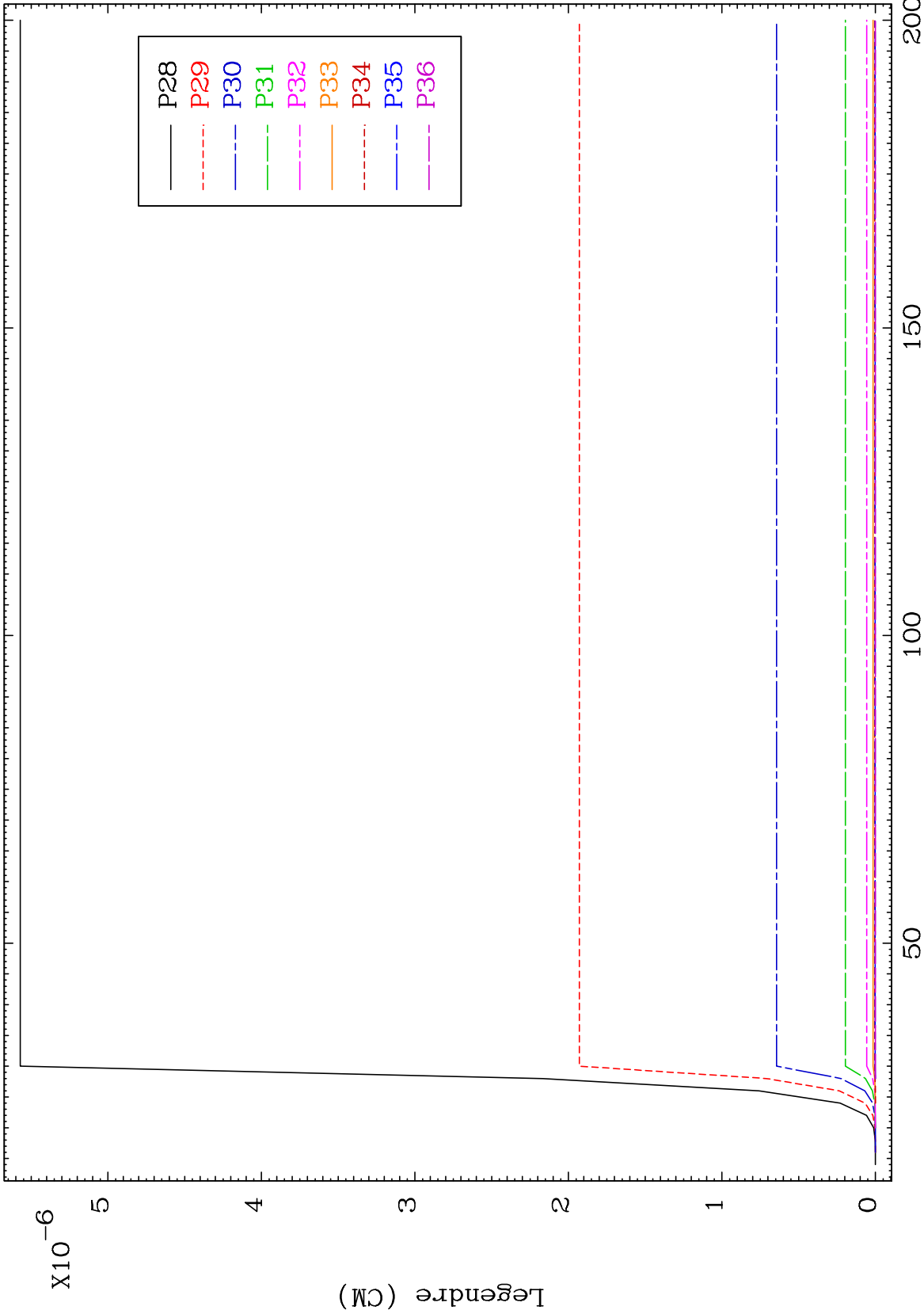


Legendre (CM) Incident Energy (MeV) 60-Nd-133

MAT 5998

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

60-Nd-133



126

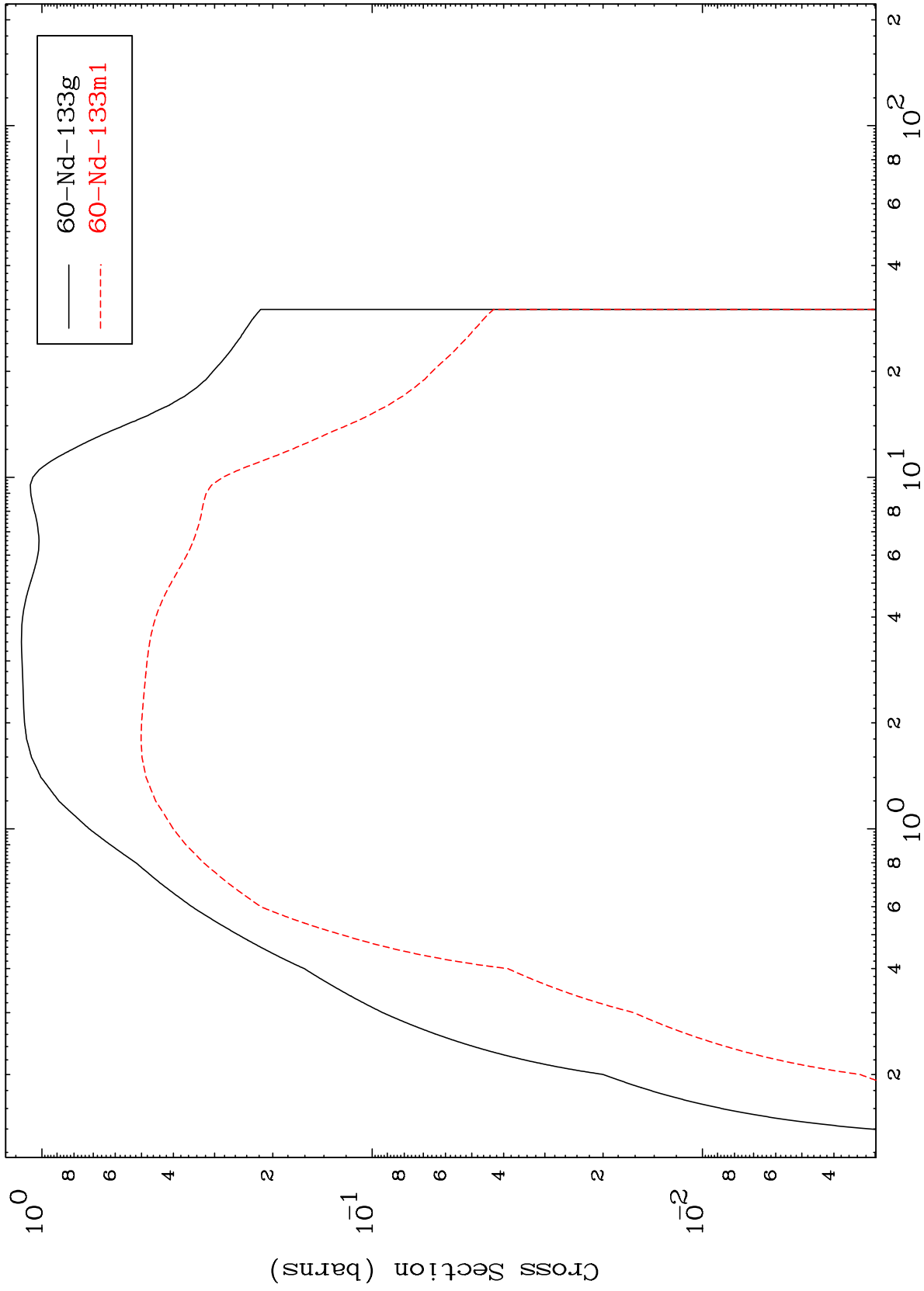
Incident Energy (MeV)

60-Nd-133

MAT 5998

⁶⁰Nd-133

Inelastic Radionuclide Production Cross Section



127

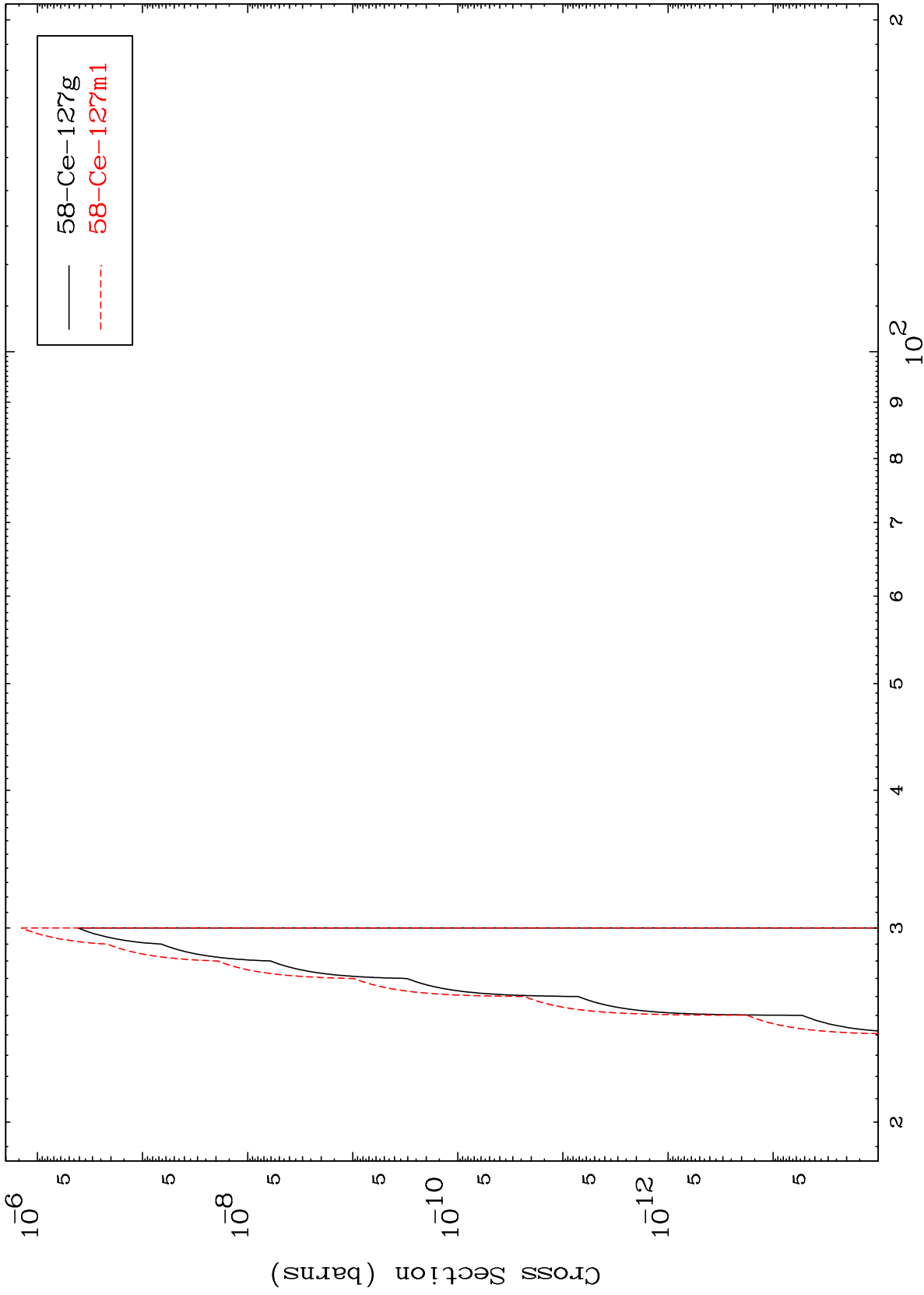
⁶⁰Nd-133

MAT 5998

(n,3n) α

$^{60}\text{Nd}-133$

Radionuclide Production Cross Section



128

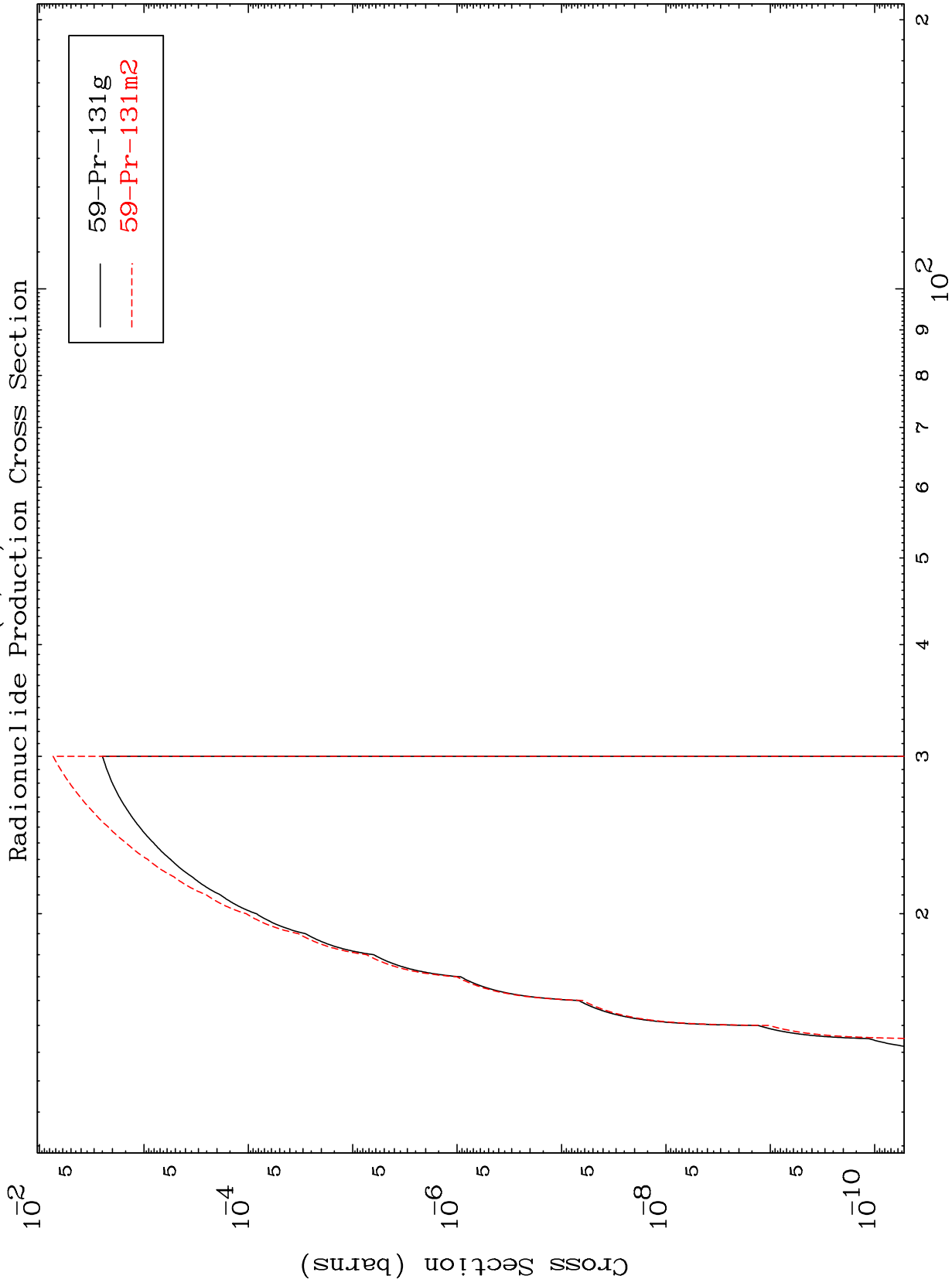
Incident Energy (MeV)

$^{60}\text{Nd}-133$

MAT 5998

(n,n') d

60-Nd-133



129

Incident Energy (MeV)

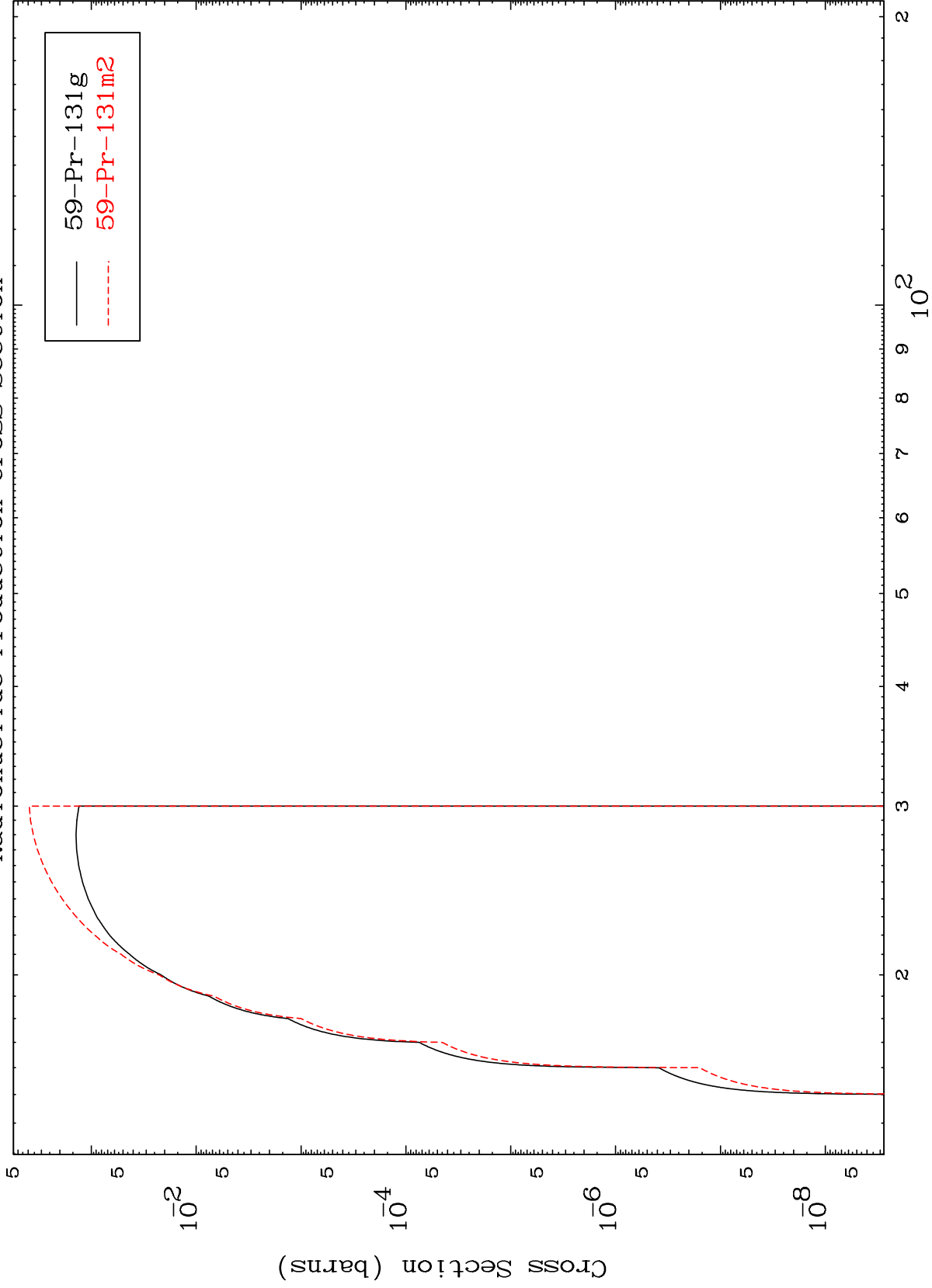
60-Nd-133

MAT 5998

(n,2n) p

60-Nd-133

Radionuclide Production Cross Section



130

Incident Energy (MeV)

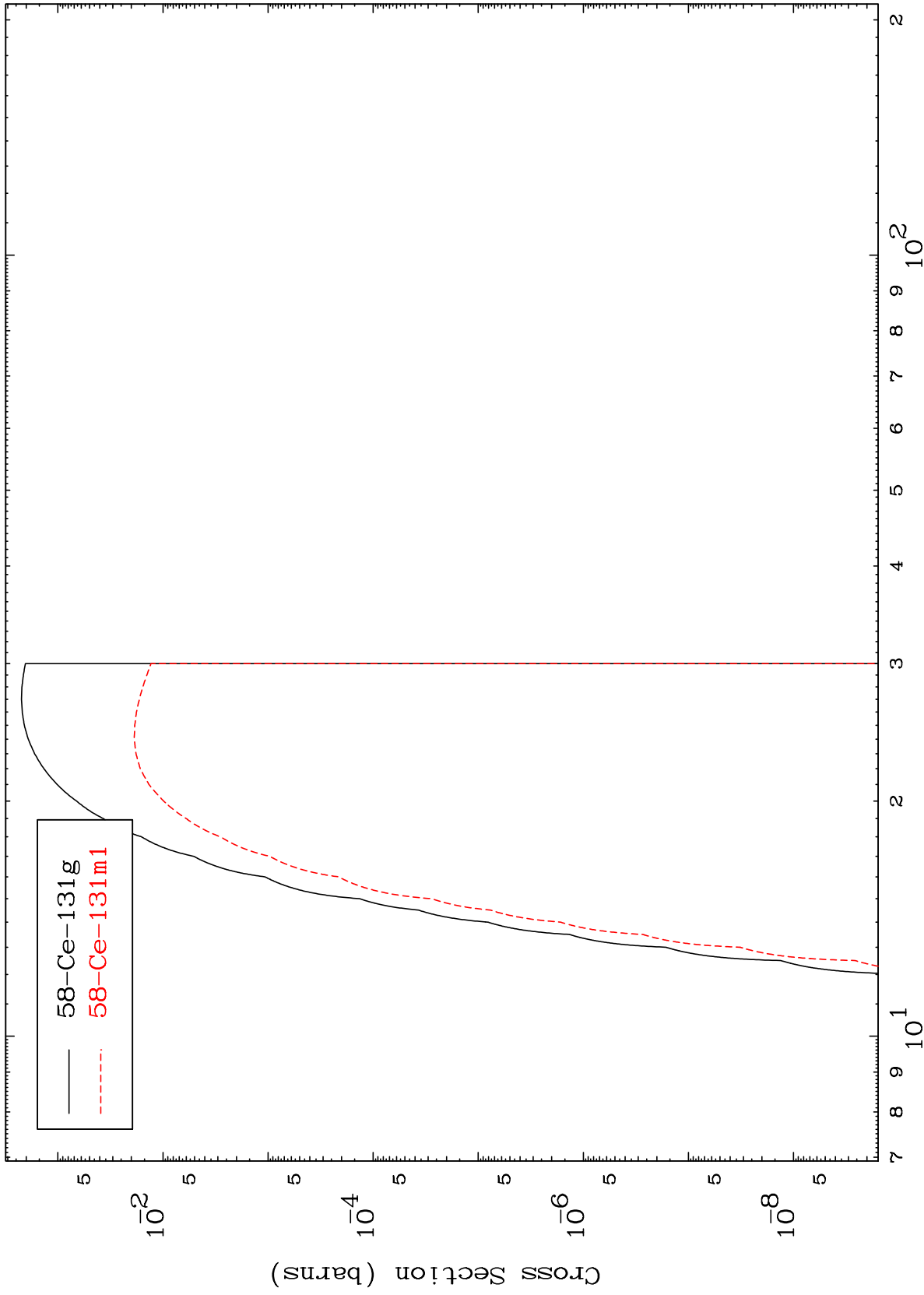
60-Nd-133

MAT 5998

(n,2n) p

60-Nd-133

Radionuclide Production Cross Section



131

Incident Energy (MeV)

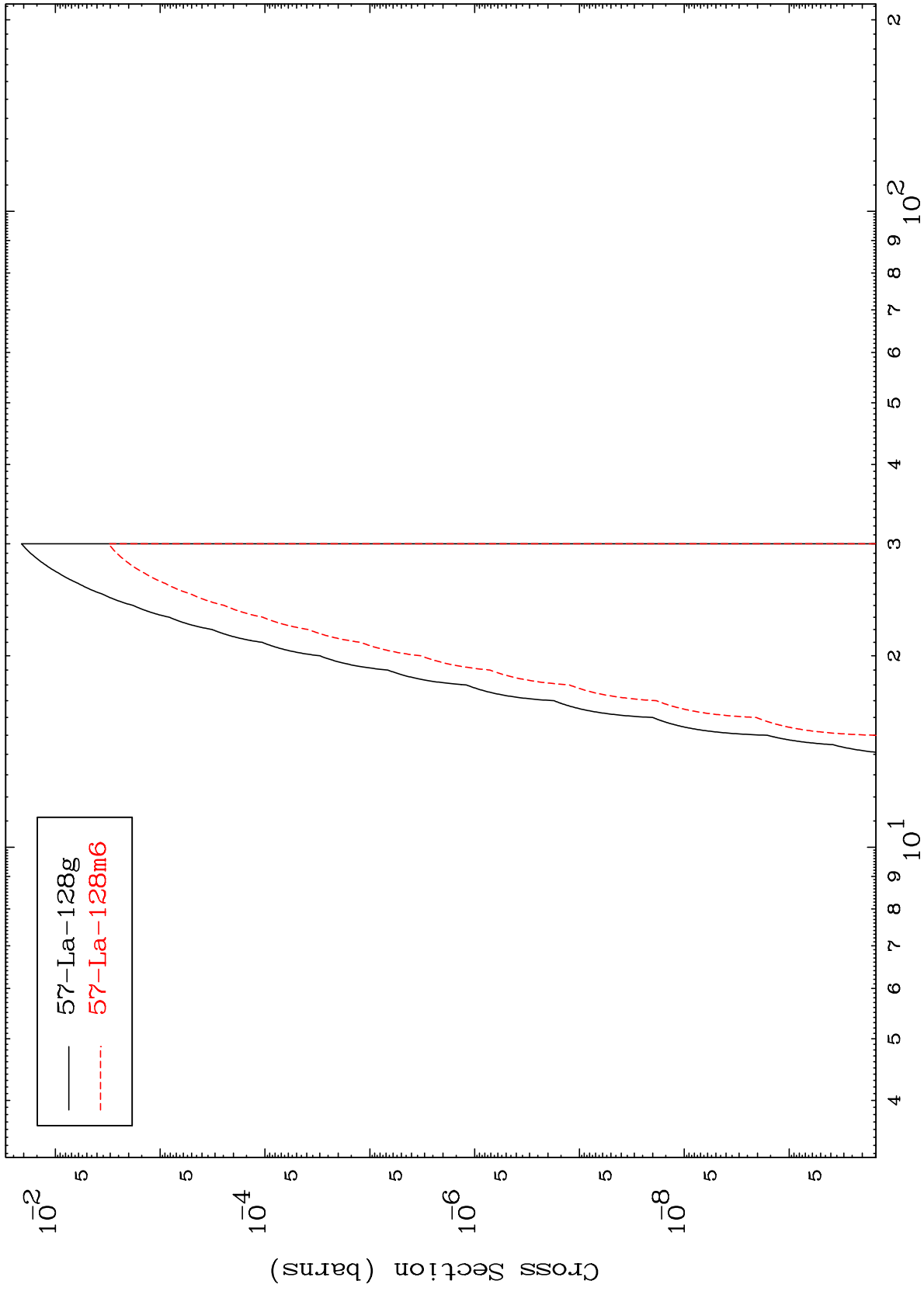
60-Nd-133

MAT 5998

(n,n') p α

60-Nd-133

Radionuclide Production Cross Section



57-La-128g
57-La-128m6

132

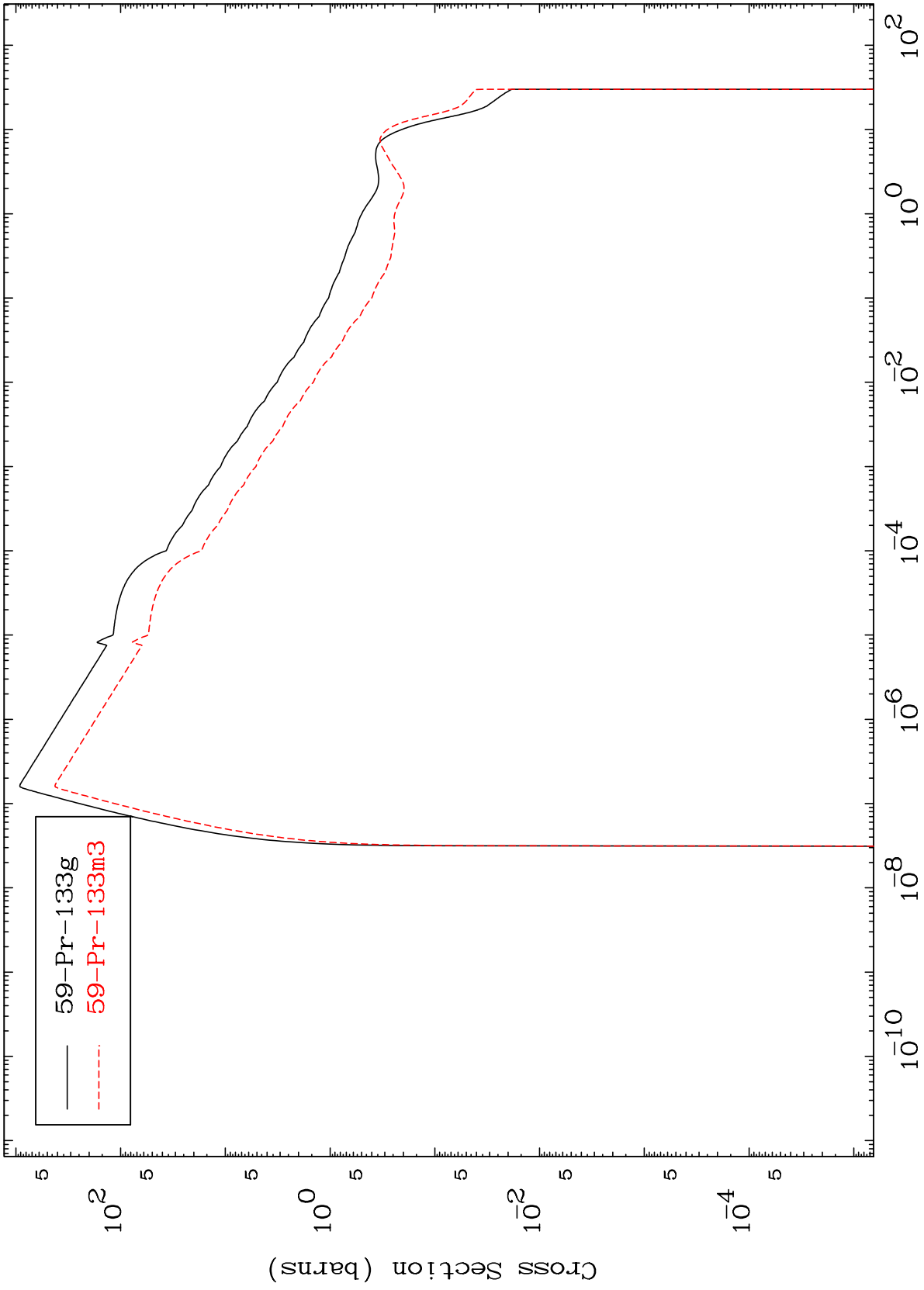
Incident Energy (MeV)

60-Nd-133

MAT 5998

60-Nd-133

Radionuclide Production Cross Section (n,p)

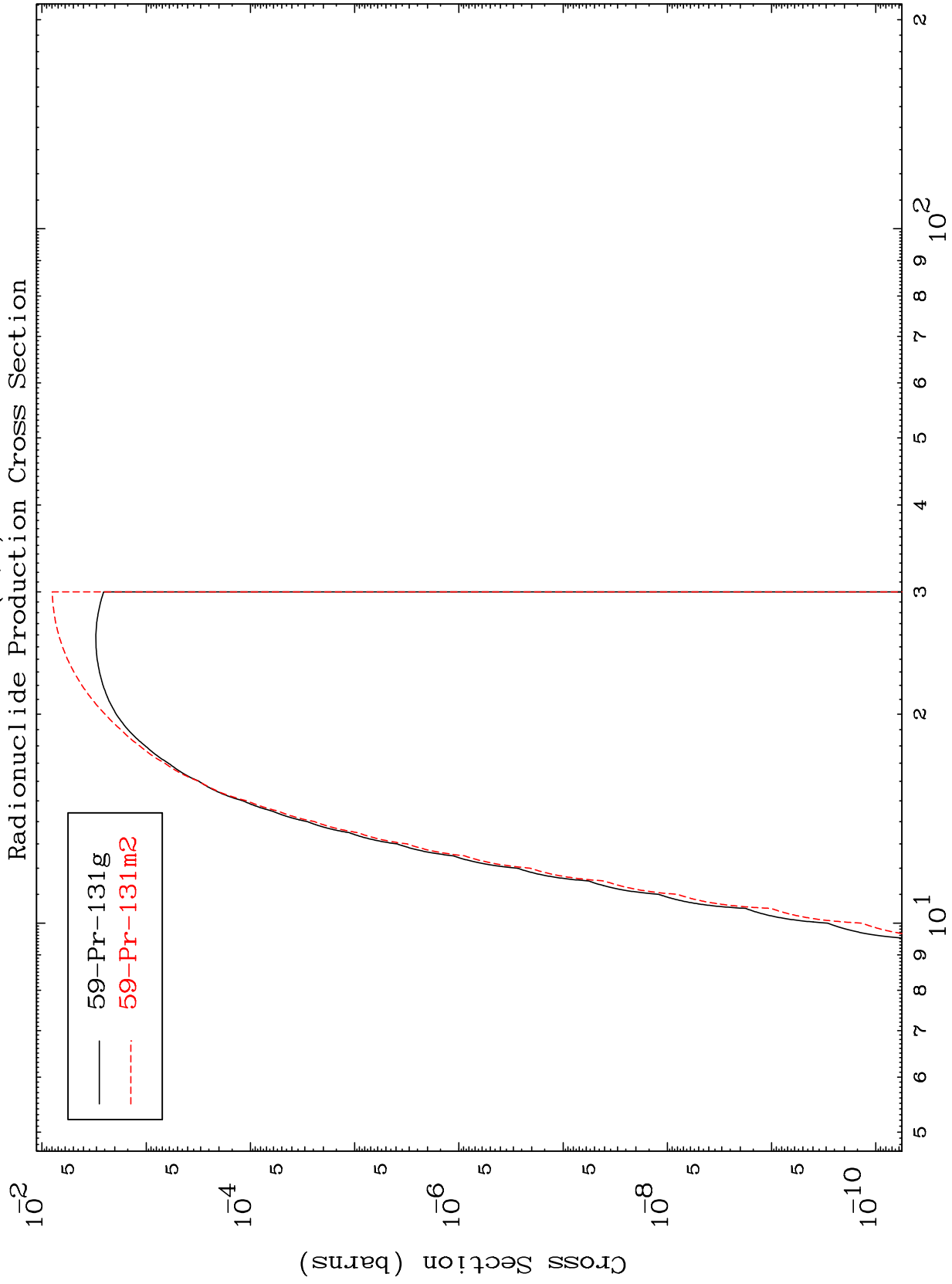


133

60-Nd-133

MAT 5998

60-Nd-133



59-Pr-131 g
59-Pr-131 m2

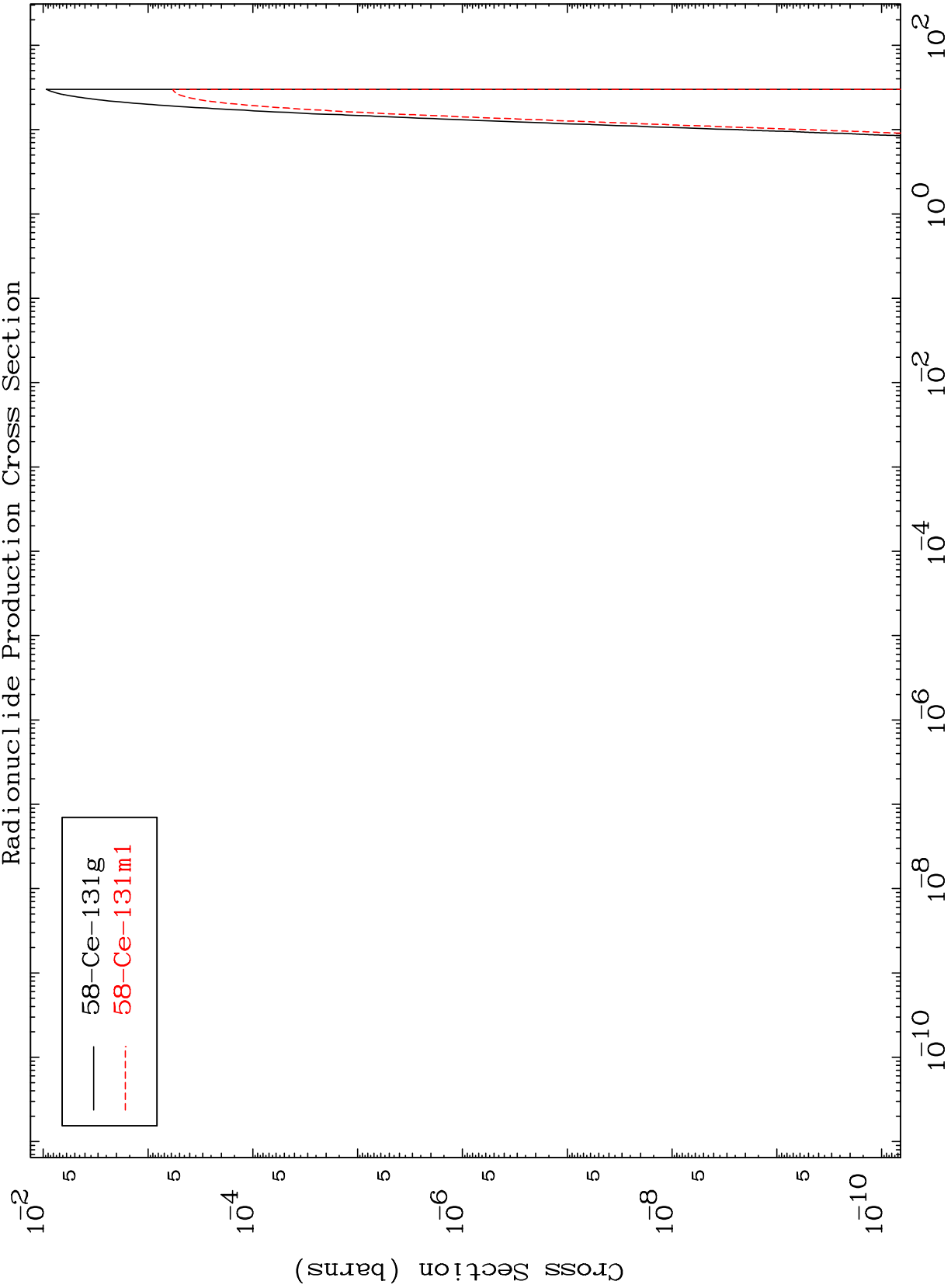
134

MAT 5998

(n, He-3)

60-Nd-133

Radionuclide Production Cross Section



135

Incident Energy (MeV)

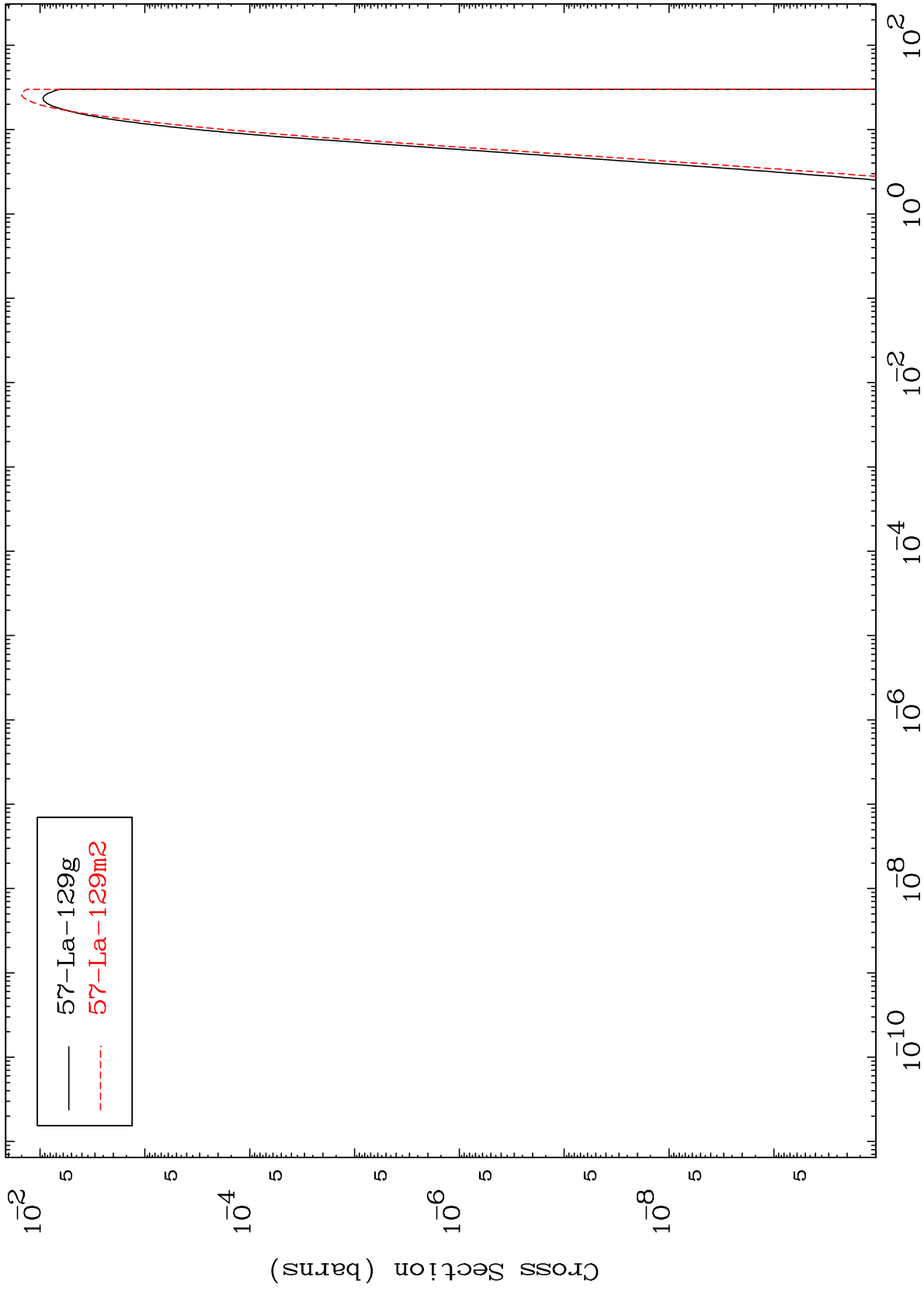
60-Nd-133

MAT 5998

(n,p) α

60-Nd-133

Radionuclide Production Cross Section



136

Incident Energy (MeV)

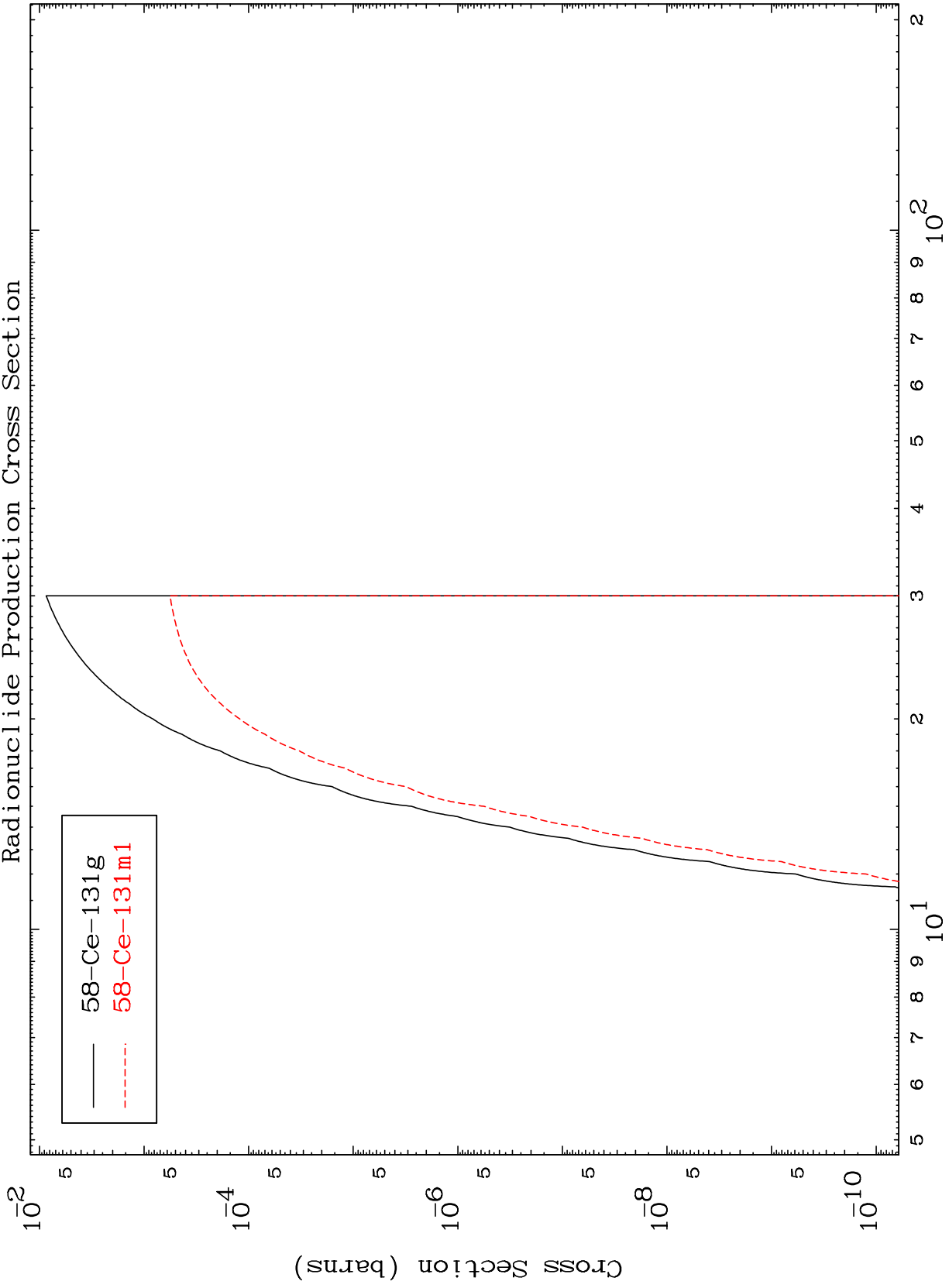
60-Nd-133

MAT 5998

(n,p) d

60-Nd-133

Radionuclide Production Cross Section



137

Incident Energy (MeV)

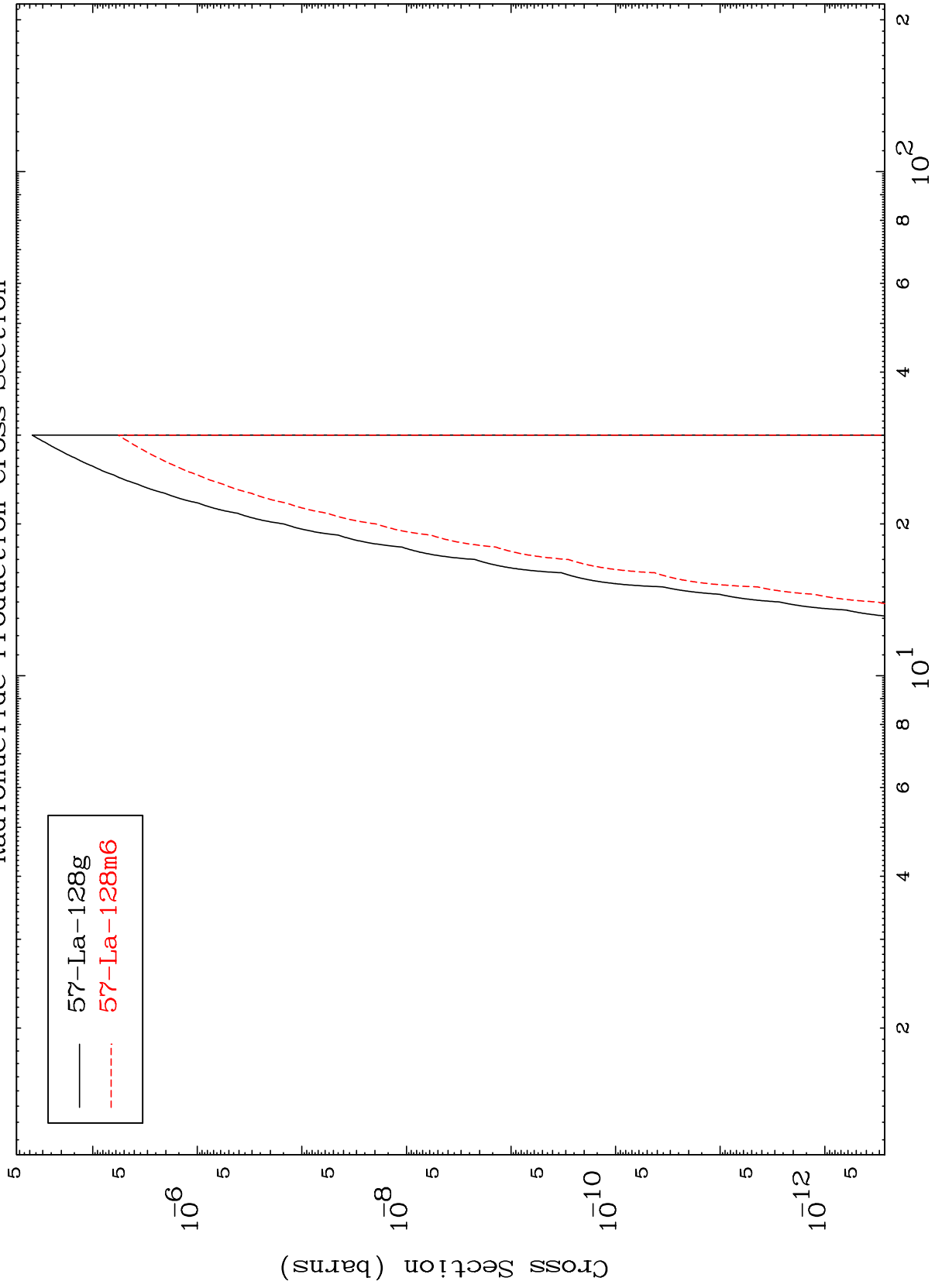
60-Nd-133

MAT 5998

(n,d) α

60-Nd-133

Radionuclide Production Cross Section



138

Incident Energy (MeV)

60-Nd-133