

Program EVALPLOT
(Version 2018-1)

by

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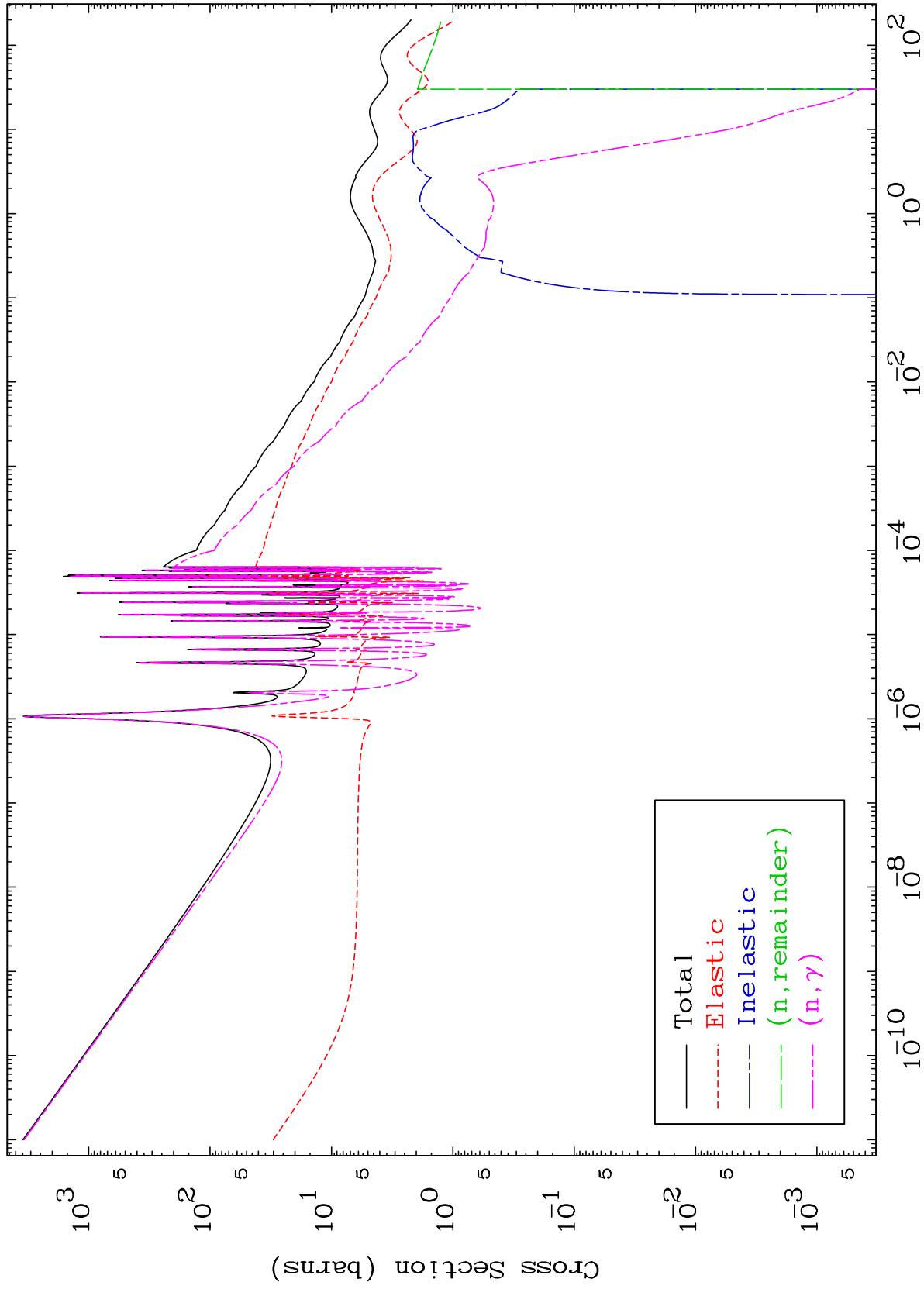
Press Mouse Button to Start

MAT 6010

Major

293 Kelvin Cross Sections

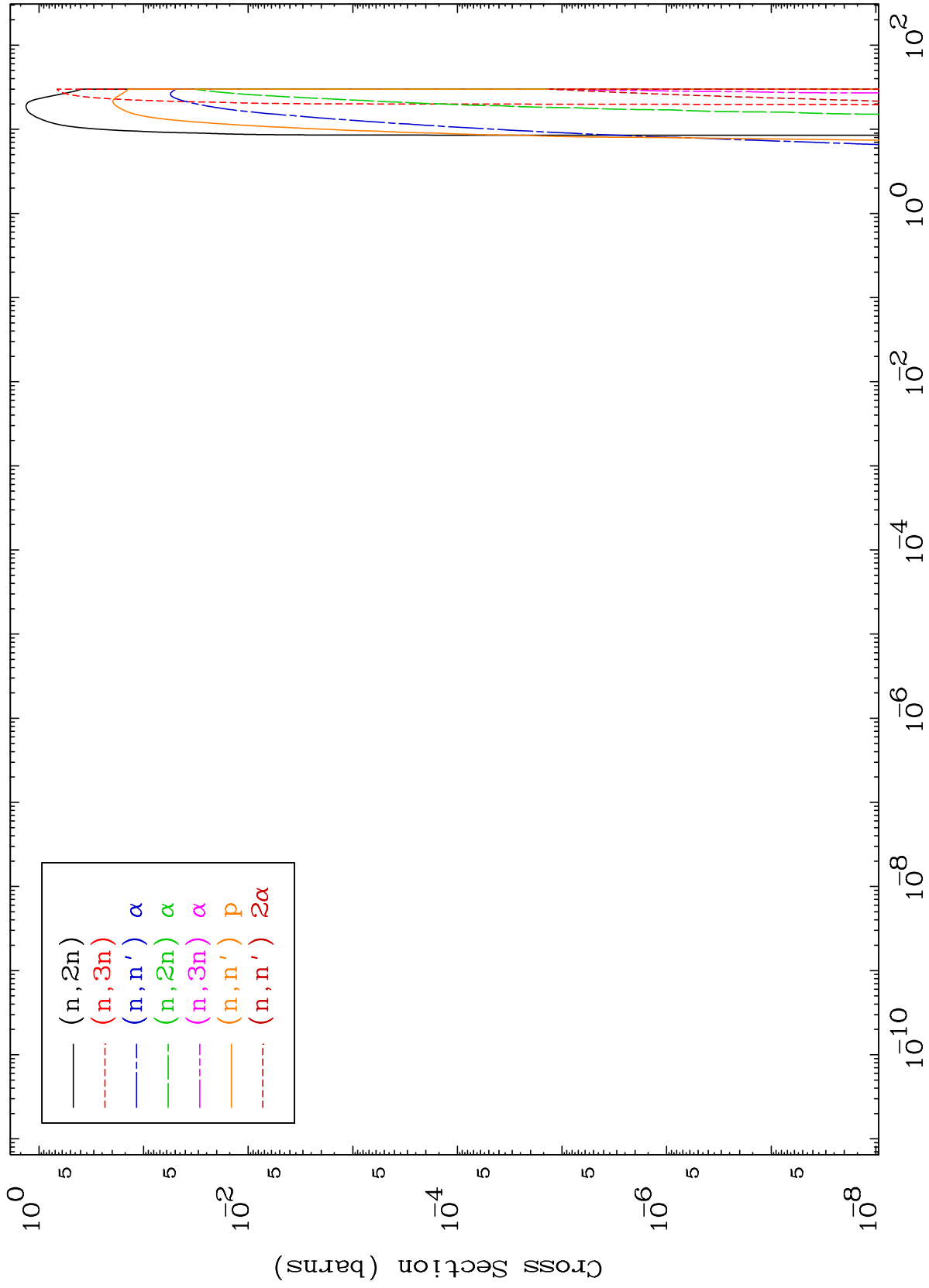
60-Nd-137



MAT 6010

Neutron Production
293 Kelvin Cross Sections

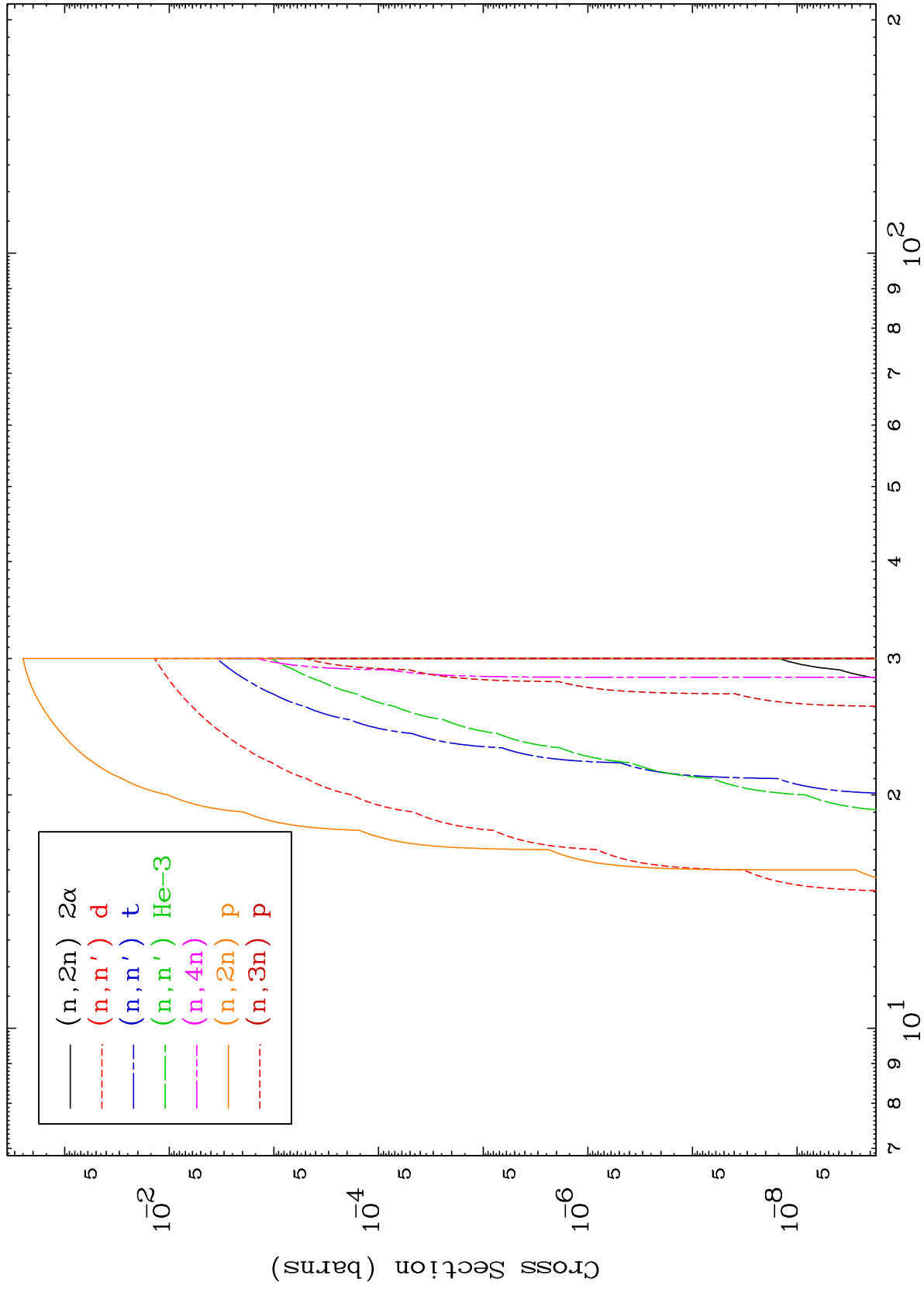
60-Nd-137



MAT 6010

Neutron Production
293 Kelvin Cross Sections

60-Nd-137



3

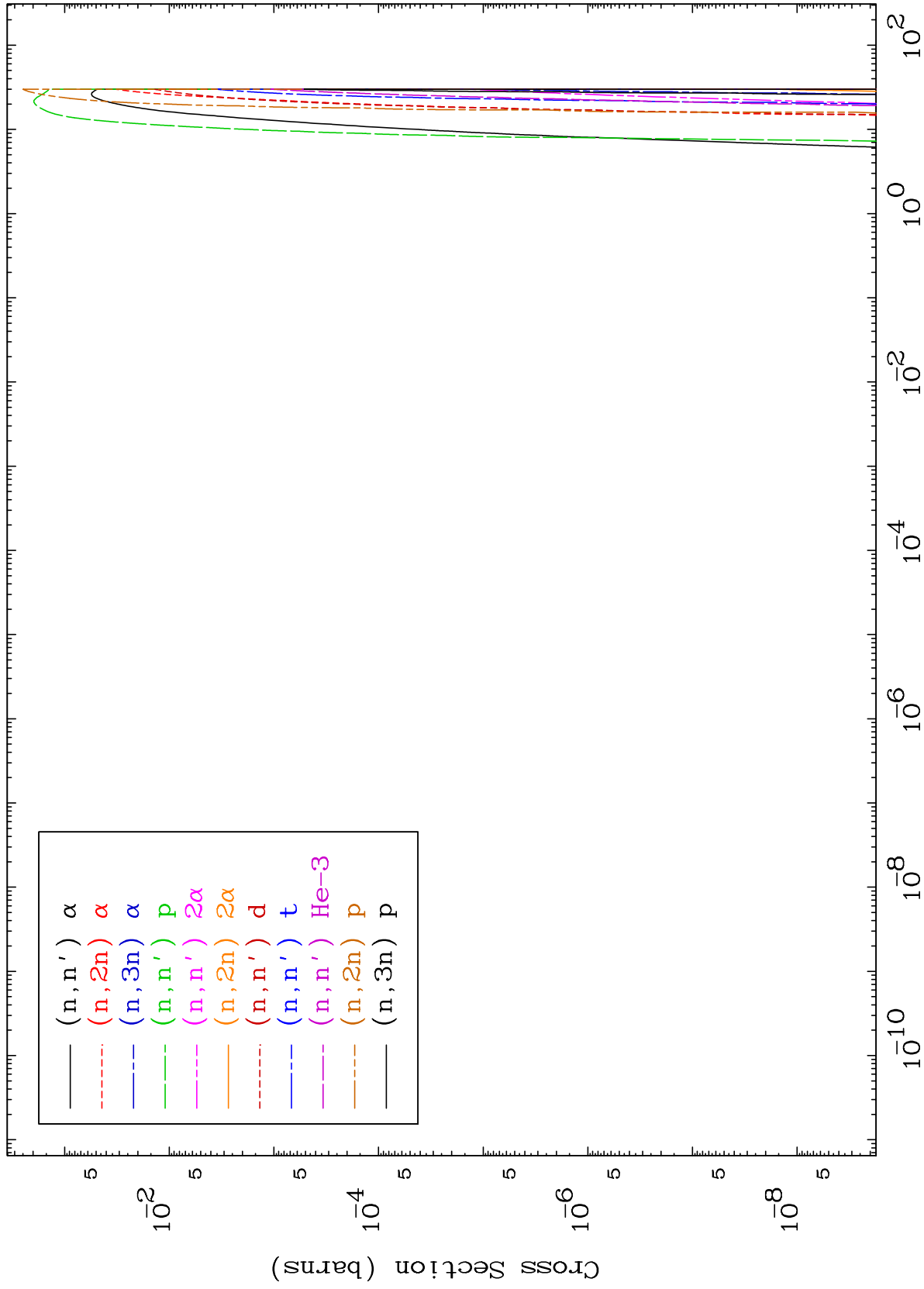
Incident Energy (MeV)

60-Nd-137

MAT 6010

Charged Particle
293 Kelvin Cross Sections

60-Nd-137



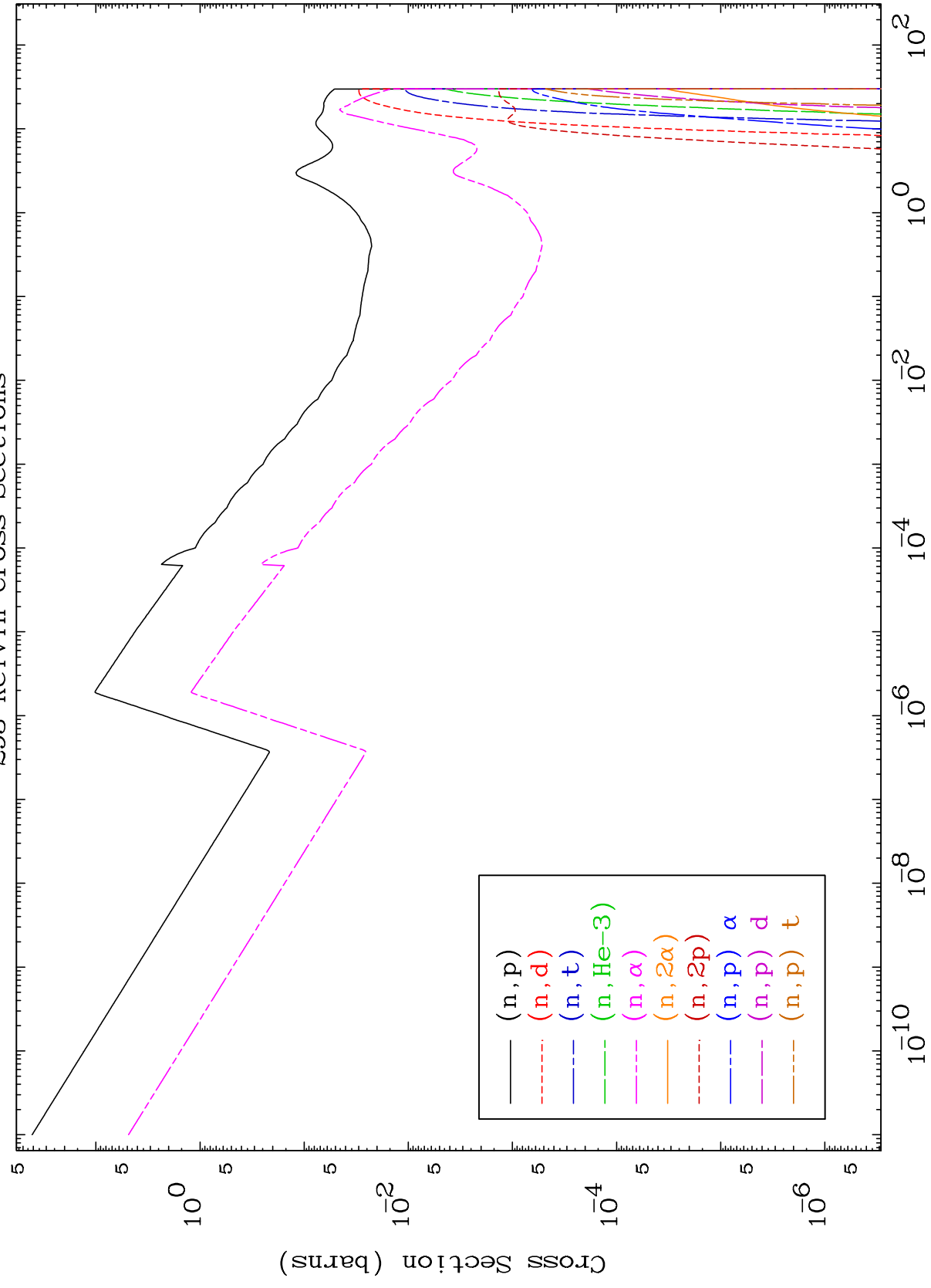
60-Nd-137

Incident Energy (MeV)

MAT 6010

Charged Particle
293 Kelvin Cross Sections

60-Nd-137

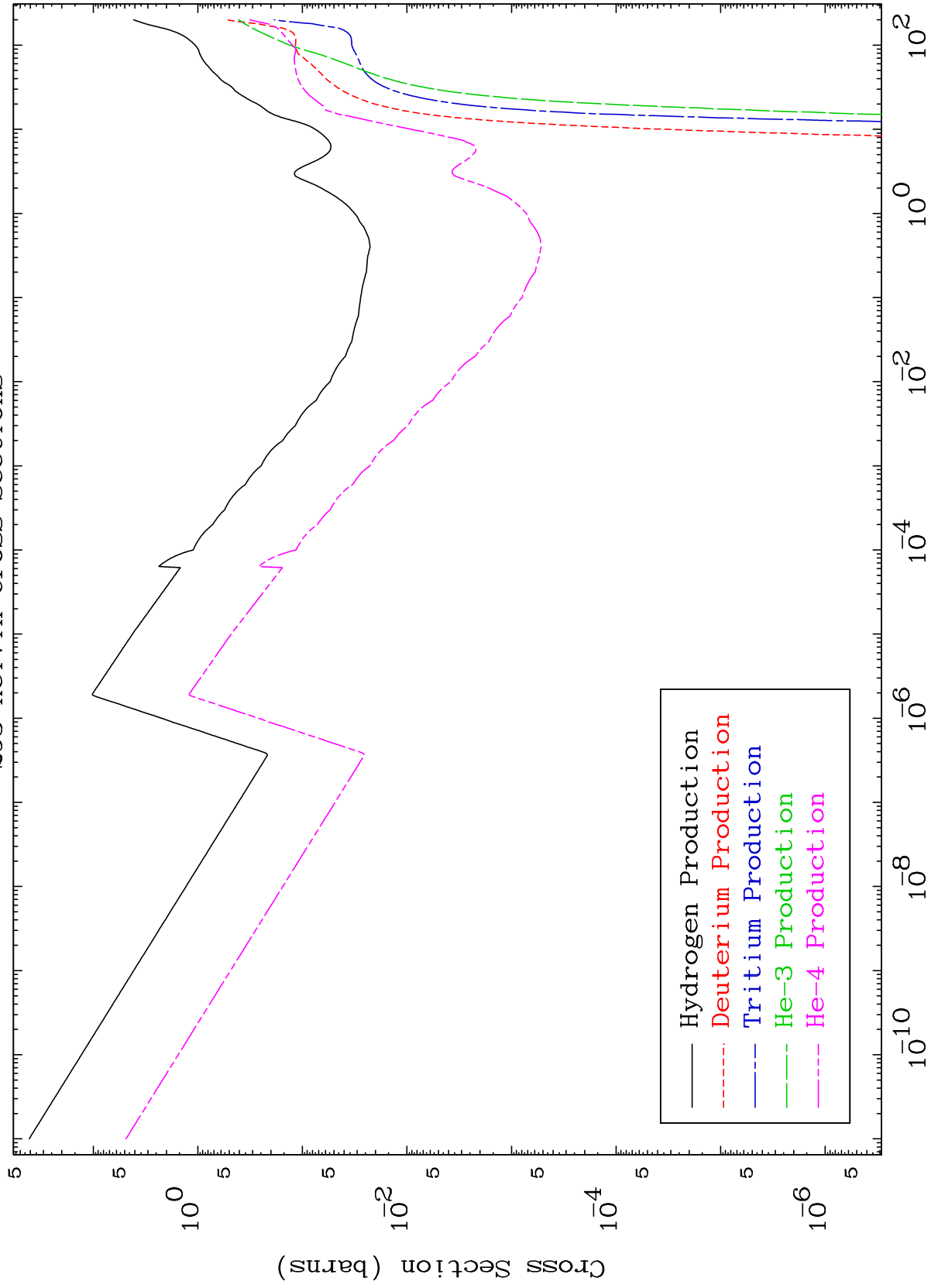


60-Nd-137

MAT 6010

Particle Production
293 Kelvin Cross Sections

60-Nd-137



6

Incident Energy (MeV)

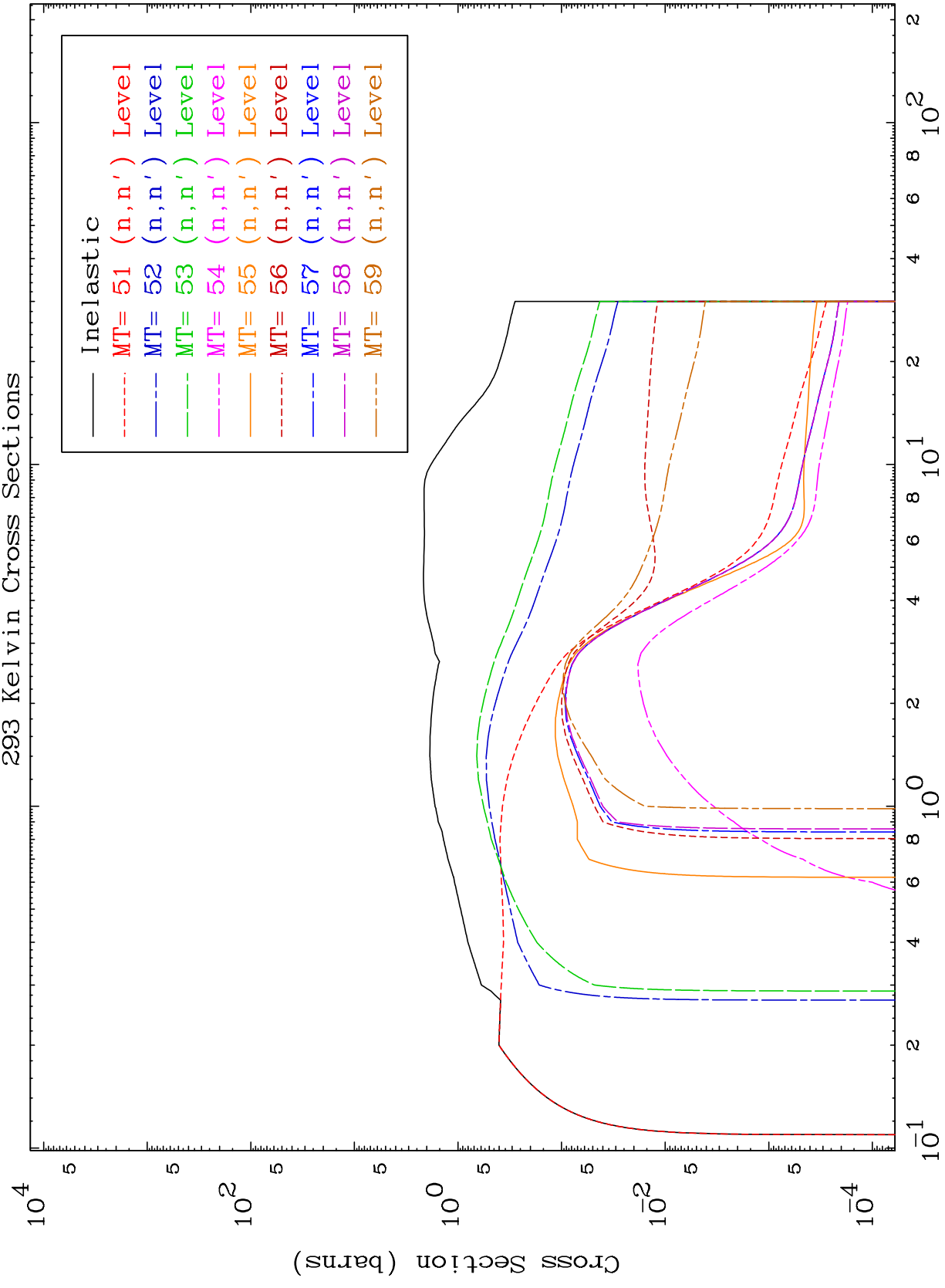
60-Nd-137

MAT 6010

(n,n') Level

60-Nd-137

293 Kelvin Cross Sections



Incident Energy (MeV)

60-Nd-137

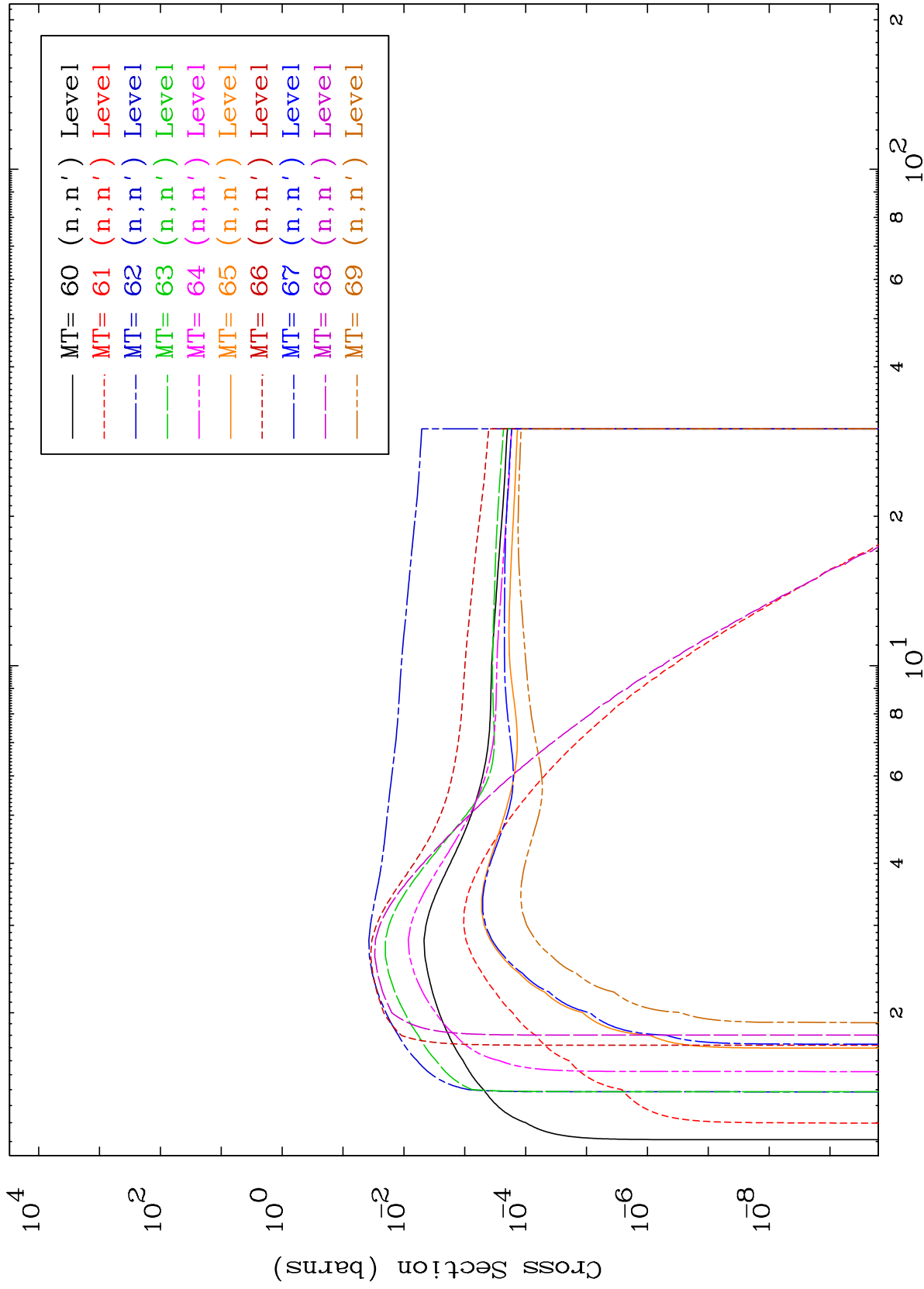
7

MAT 6010

(n,n') Level

60-Nd-137

293 Kelvin Cross Sections



8

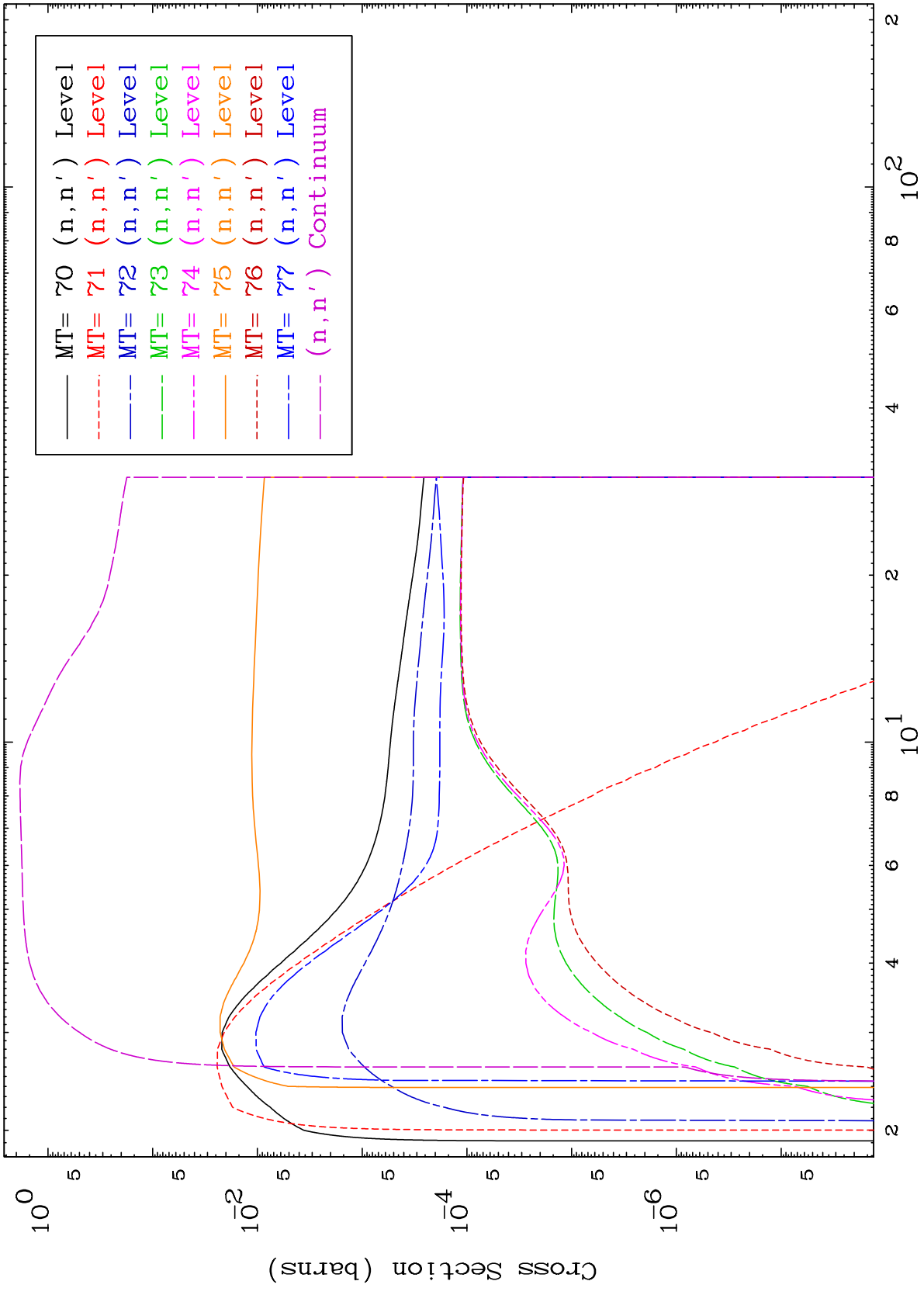
Incident Energy (MeV)

60-Nd-137

MAT 6010

(n,n') Level
293 Kelvin Cross Sections

60-Nd-137



9

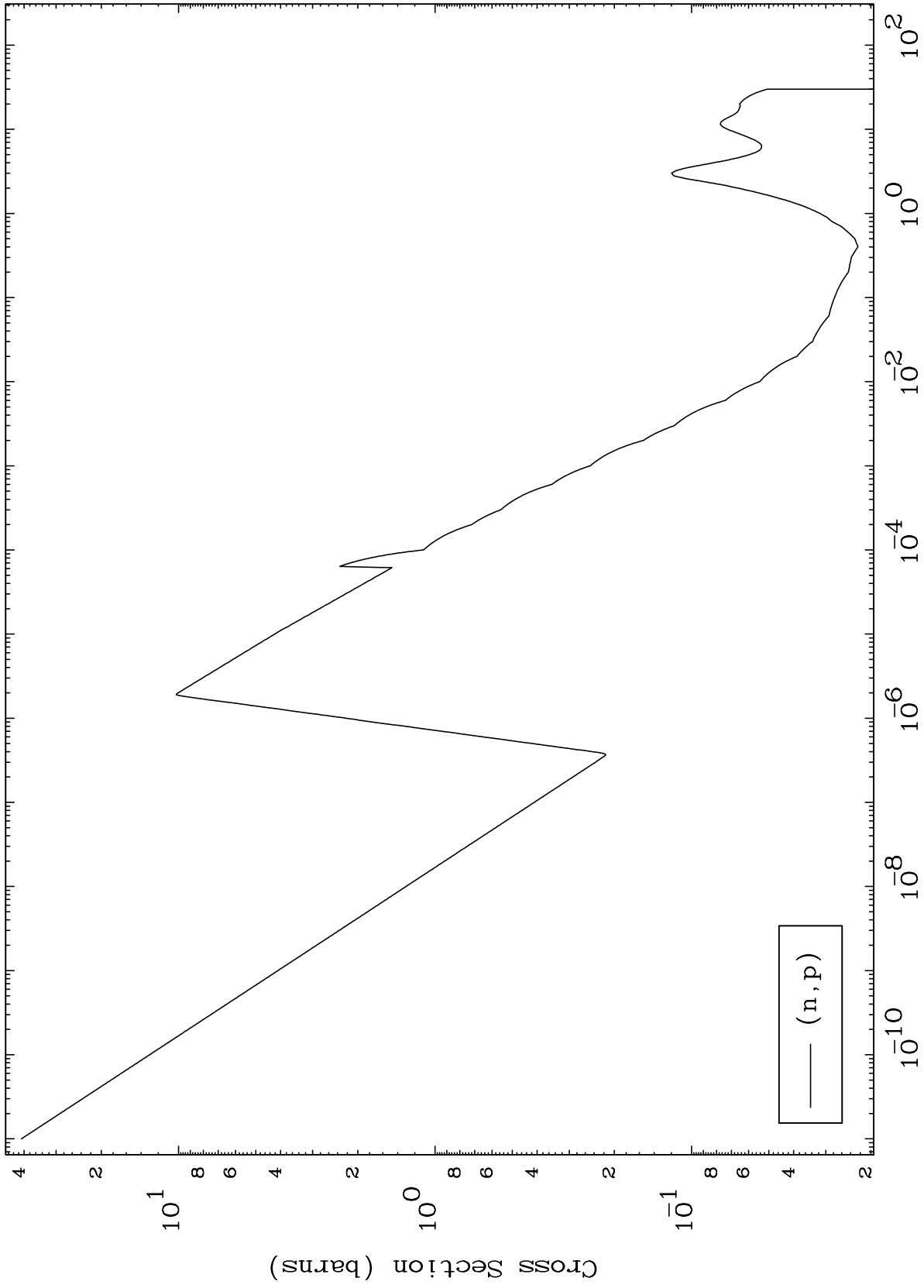
Incident Energy (MeV)

60-Nd-137

MAT 6010

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-137



10

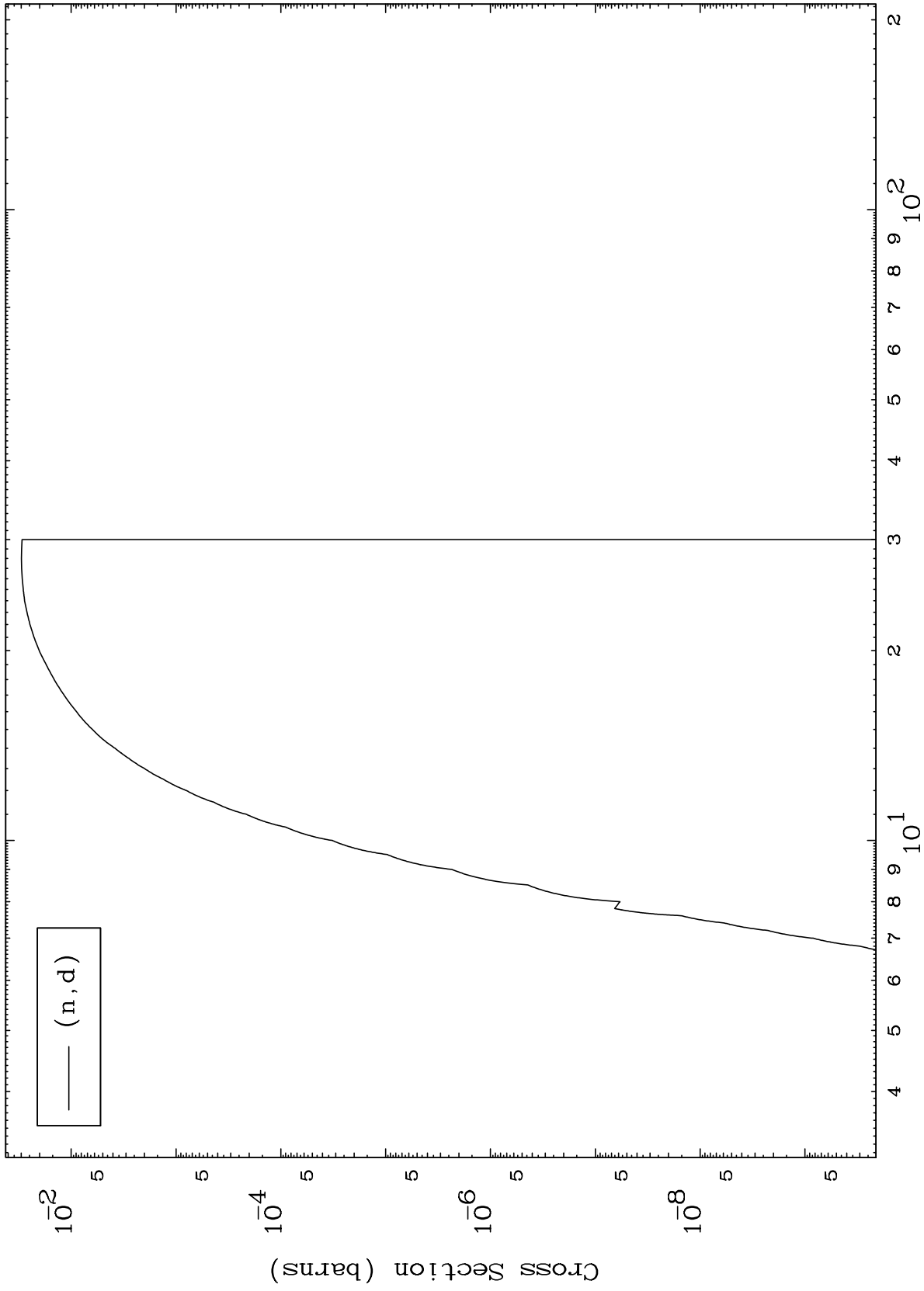
Incident Energy (MeV)

60-Nd-137

MAT 6010

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-137



11

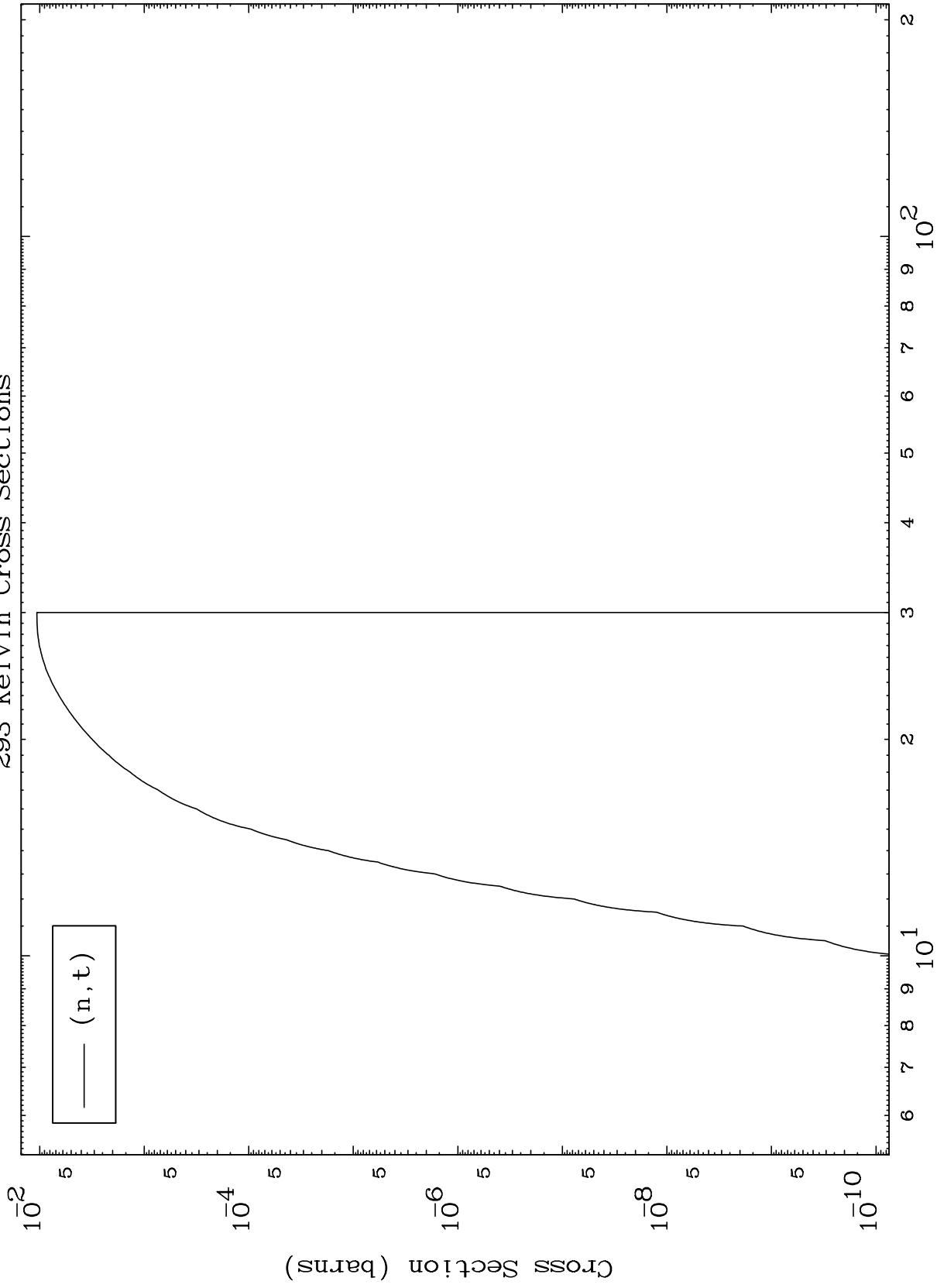
Incident Energy (MeV)

60-Nd-137

MAT 6010

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-137



12

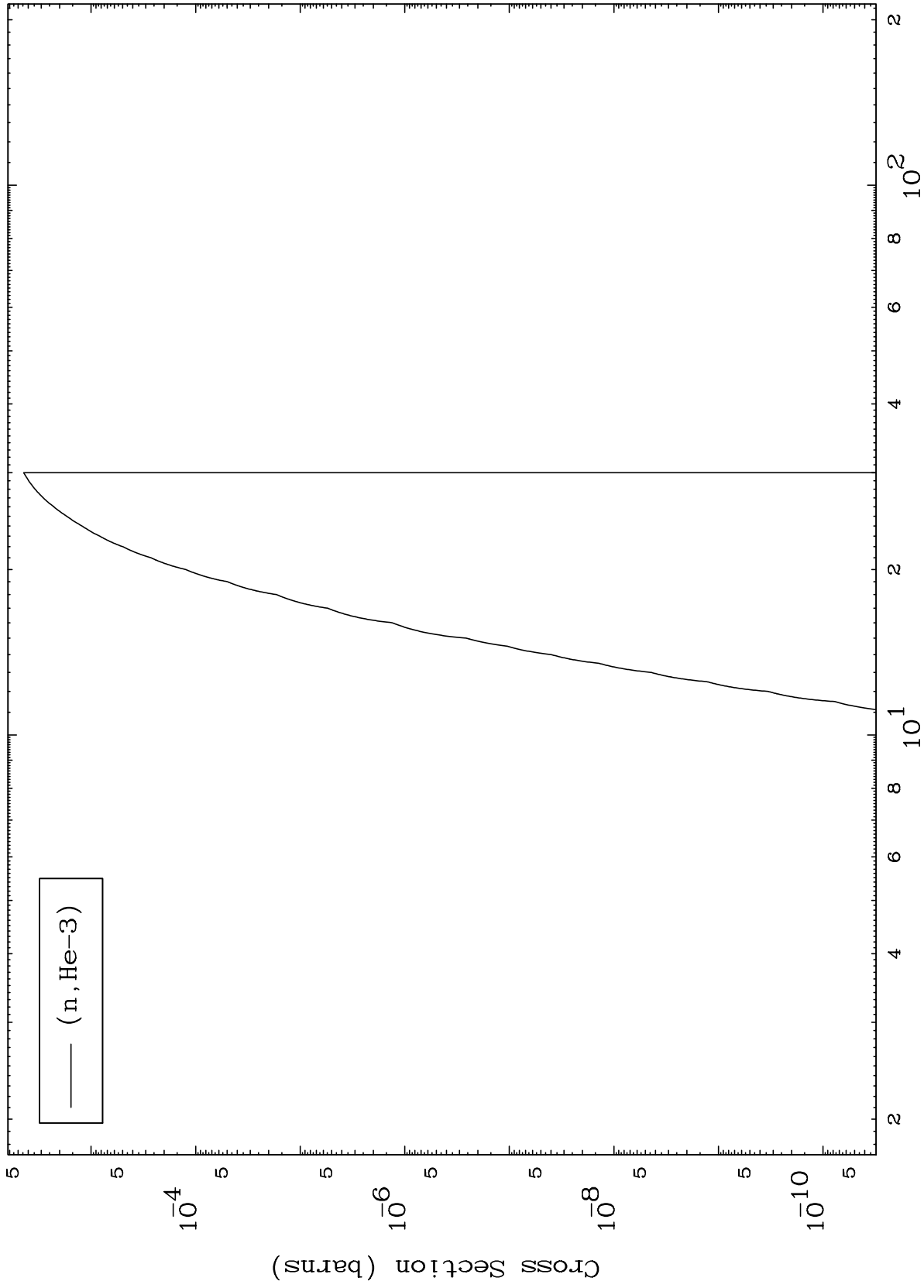
Incident Energy (MeV)

60-Nd-137

MAT 6010

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-137



13

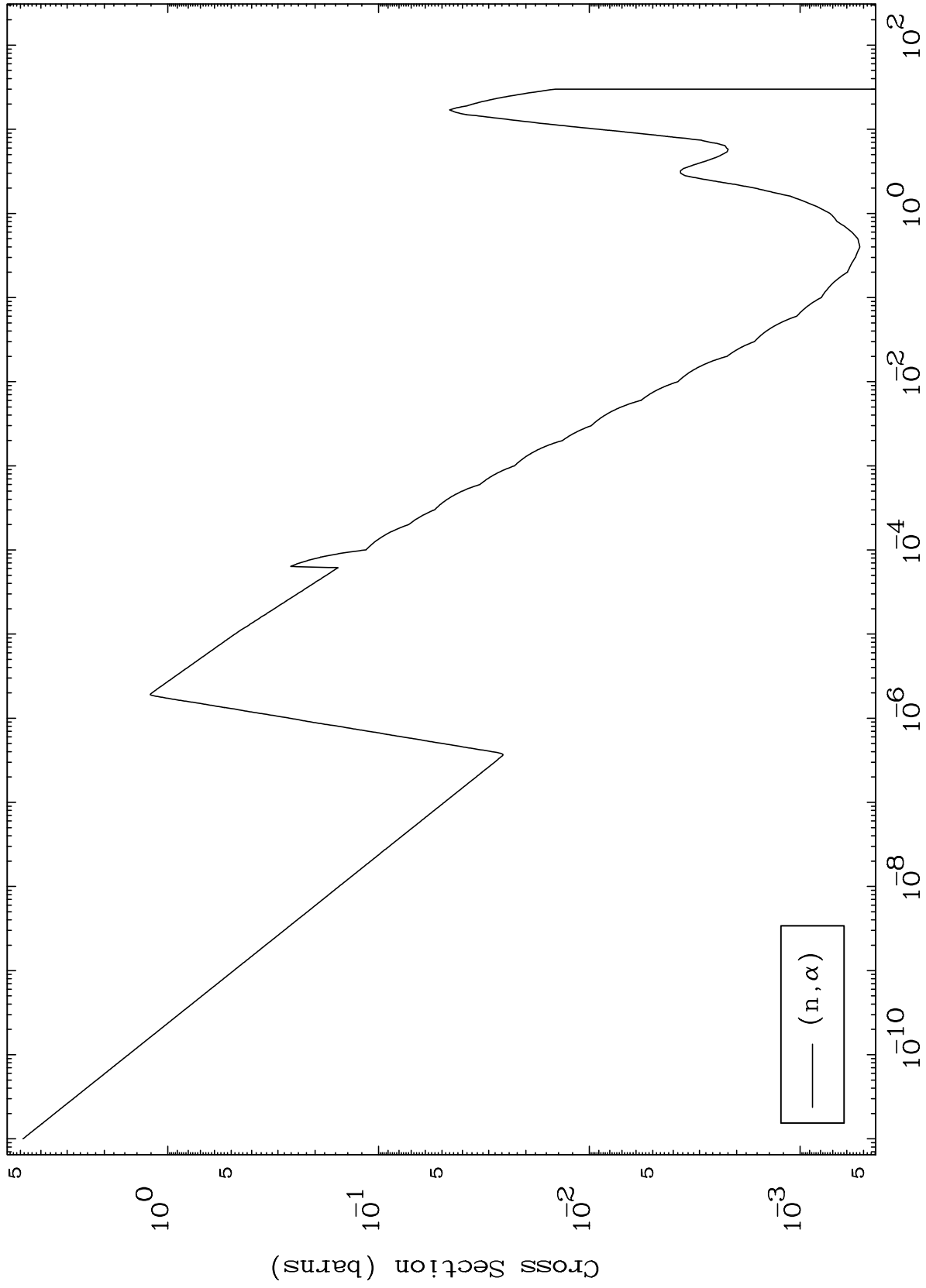
Incident Energy (MeV)

60-Nd-137

MAT 6010

(n,α) Levels
293 Kelvin Cross Sections

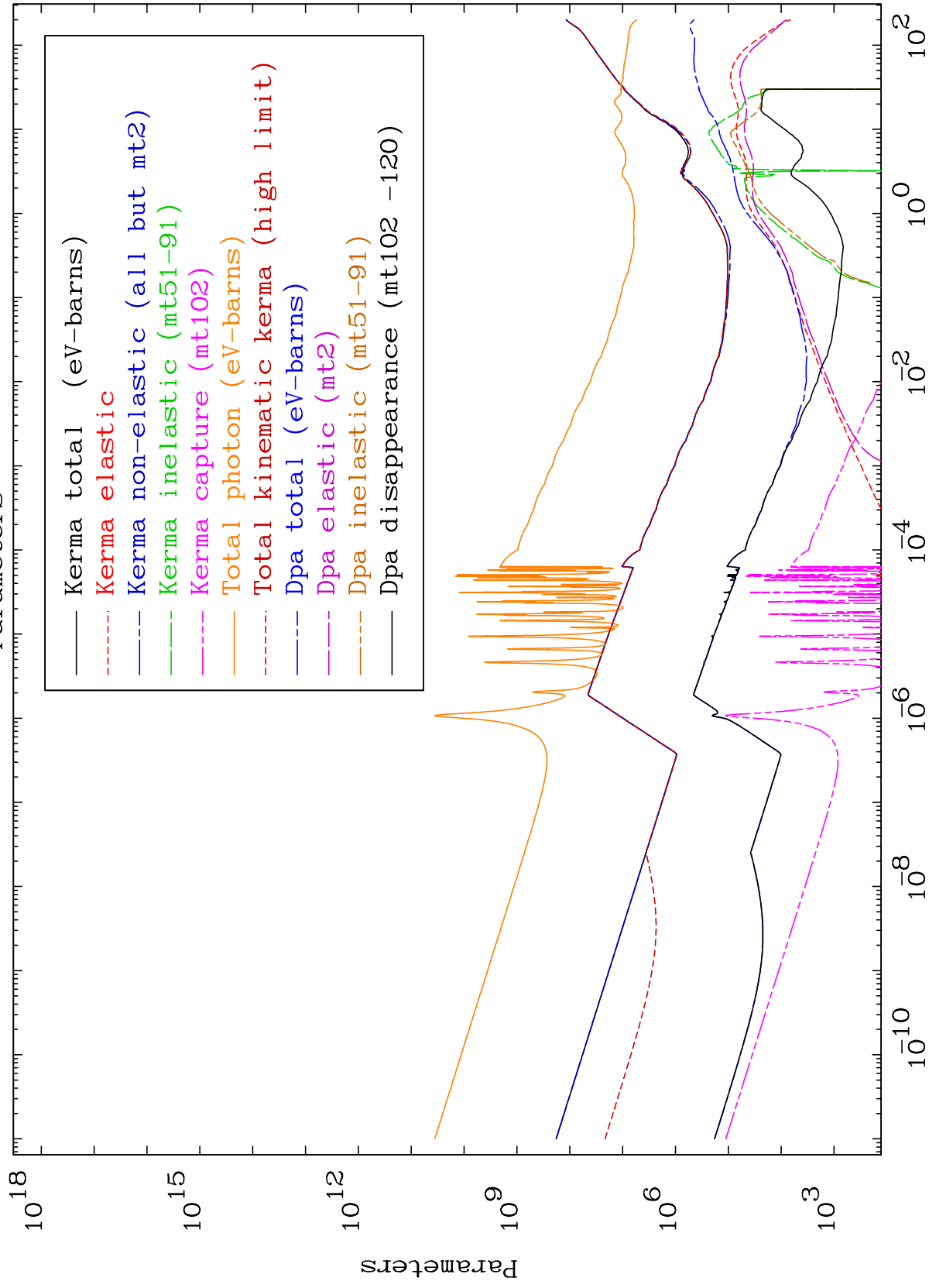
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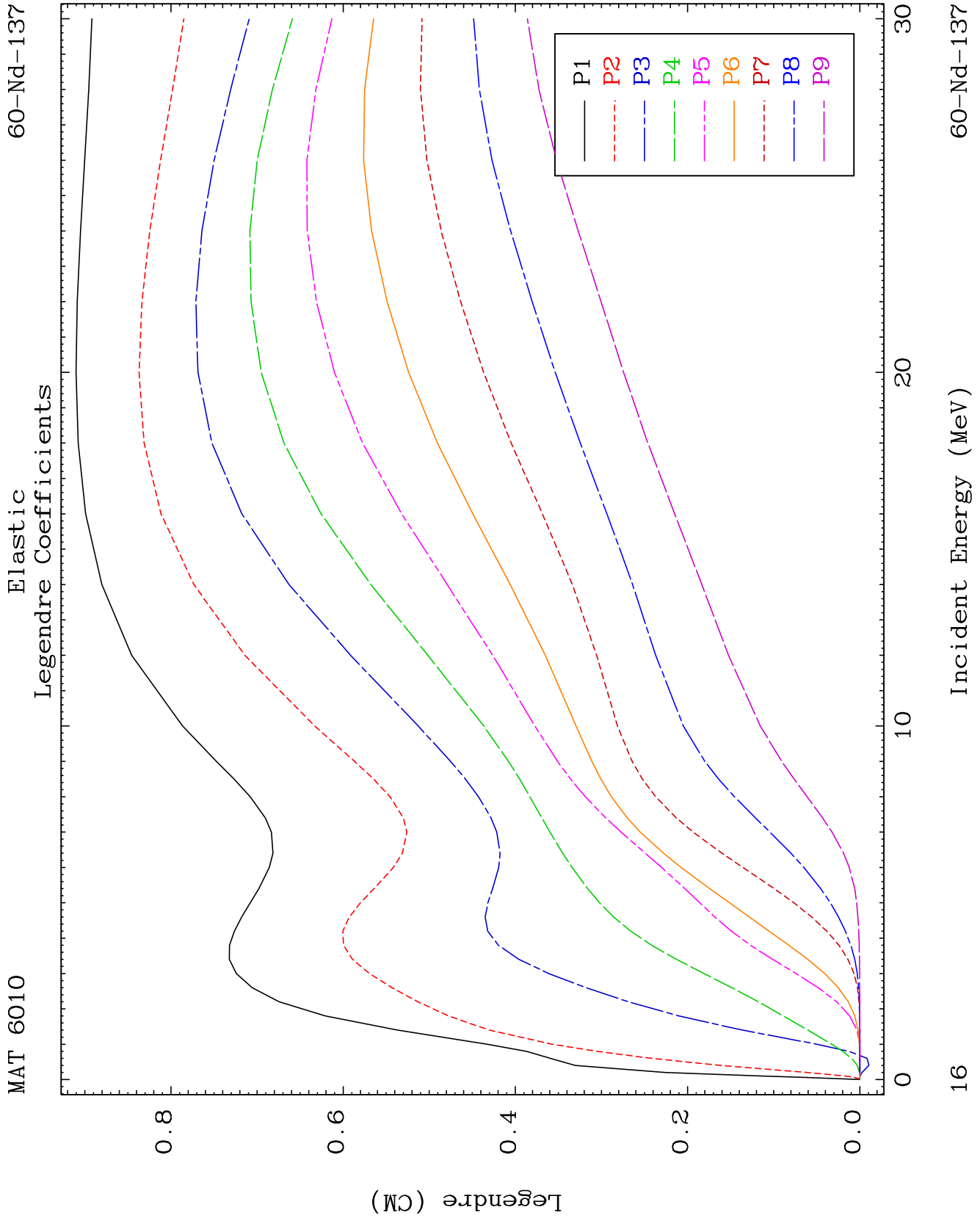


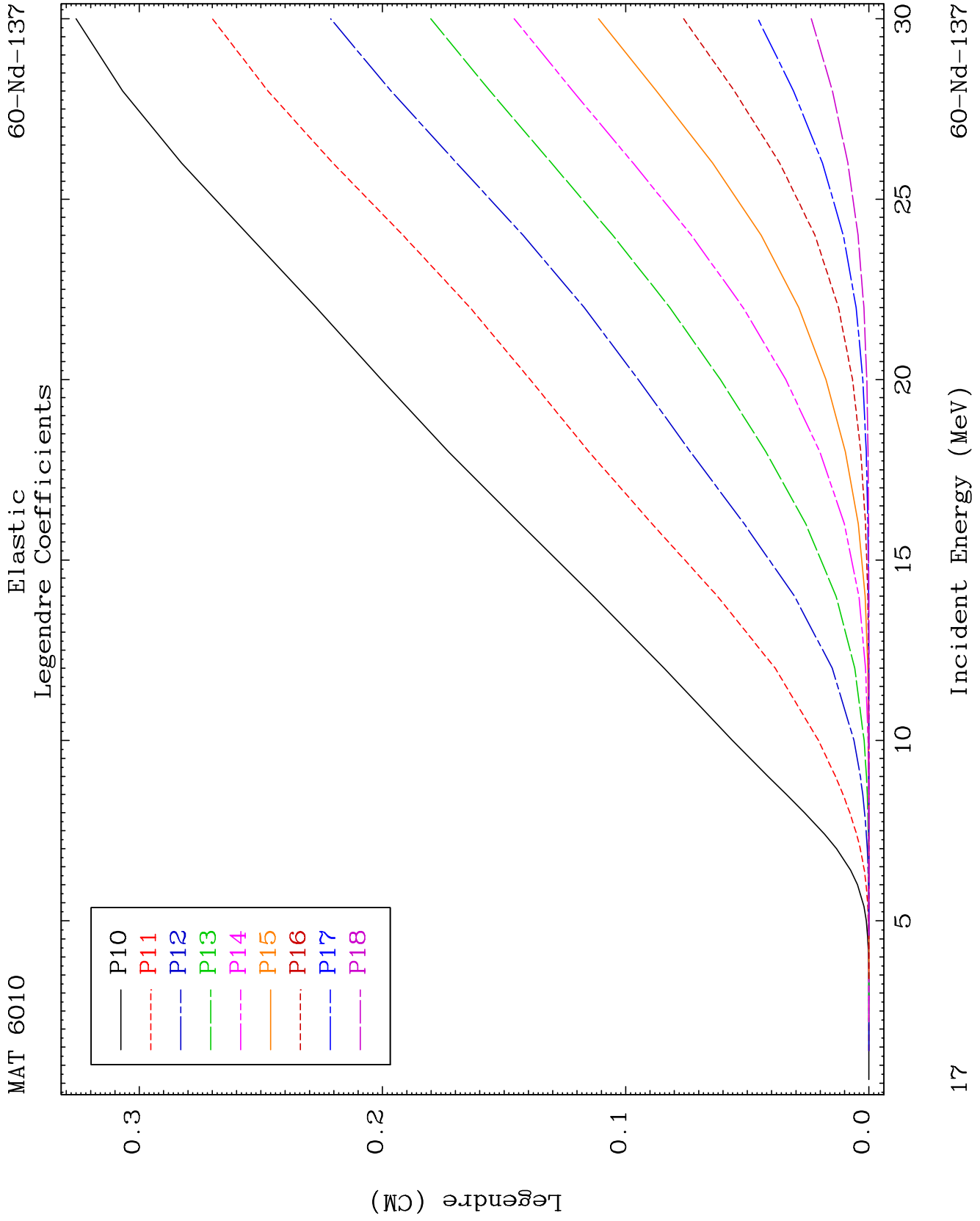
14

Incident Energy (MeV)

60-Nd-137



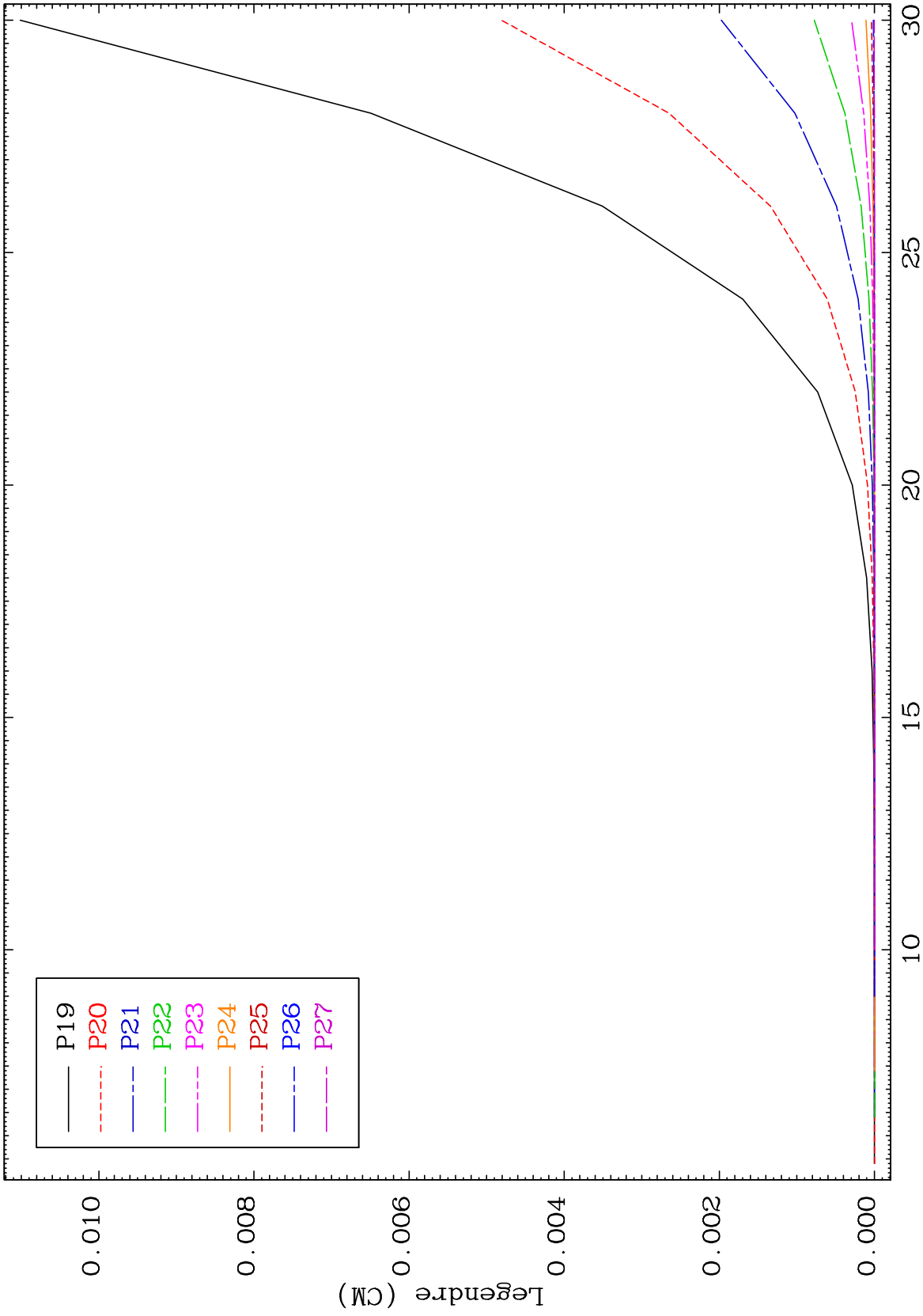




MAT 6010

Elastic Legendre Coefficients

60-Nd-137

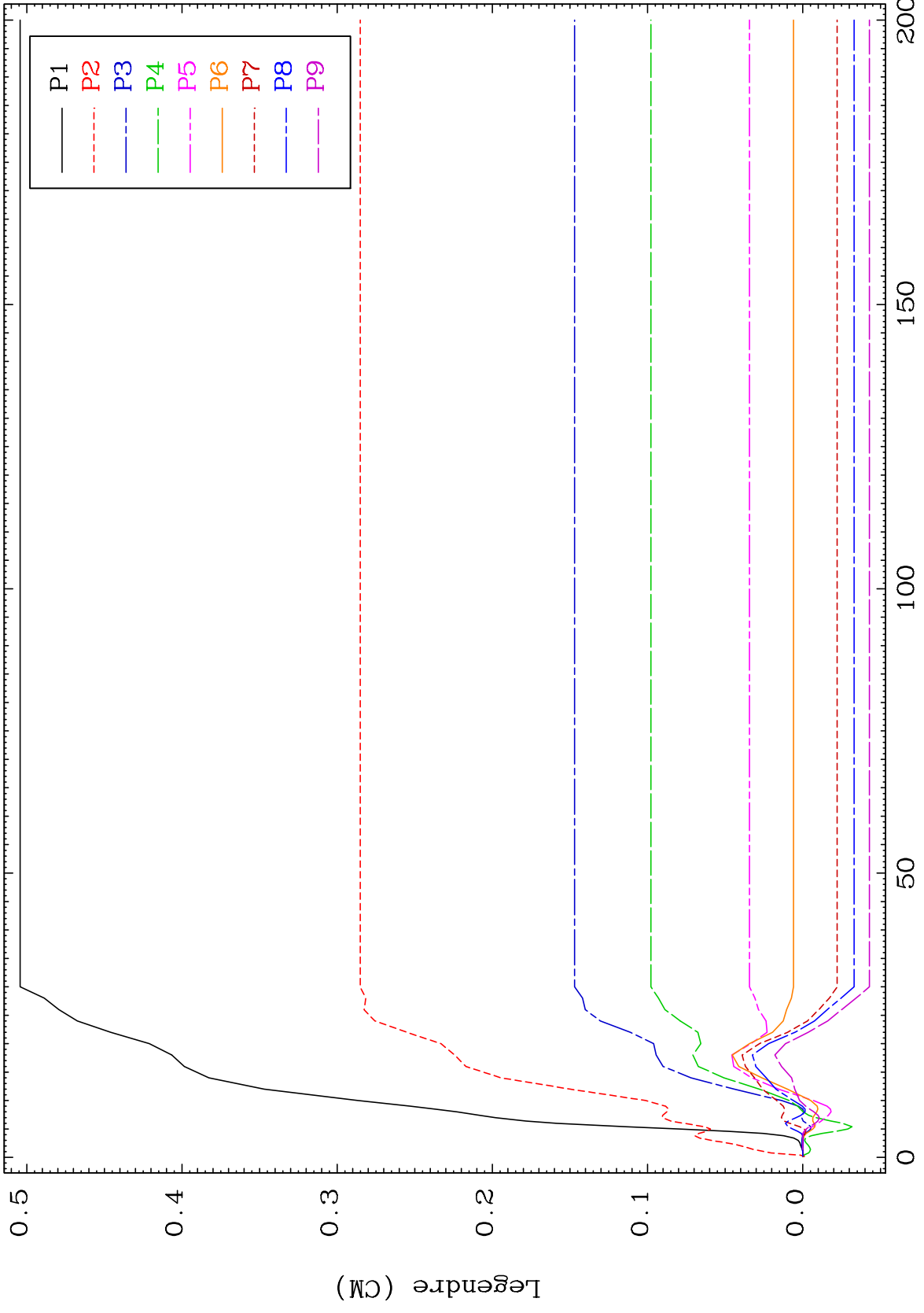


18

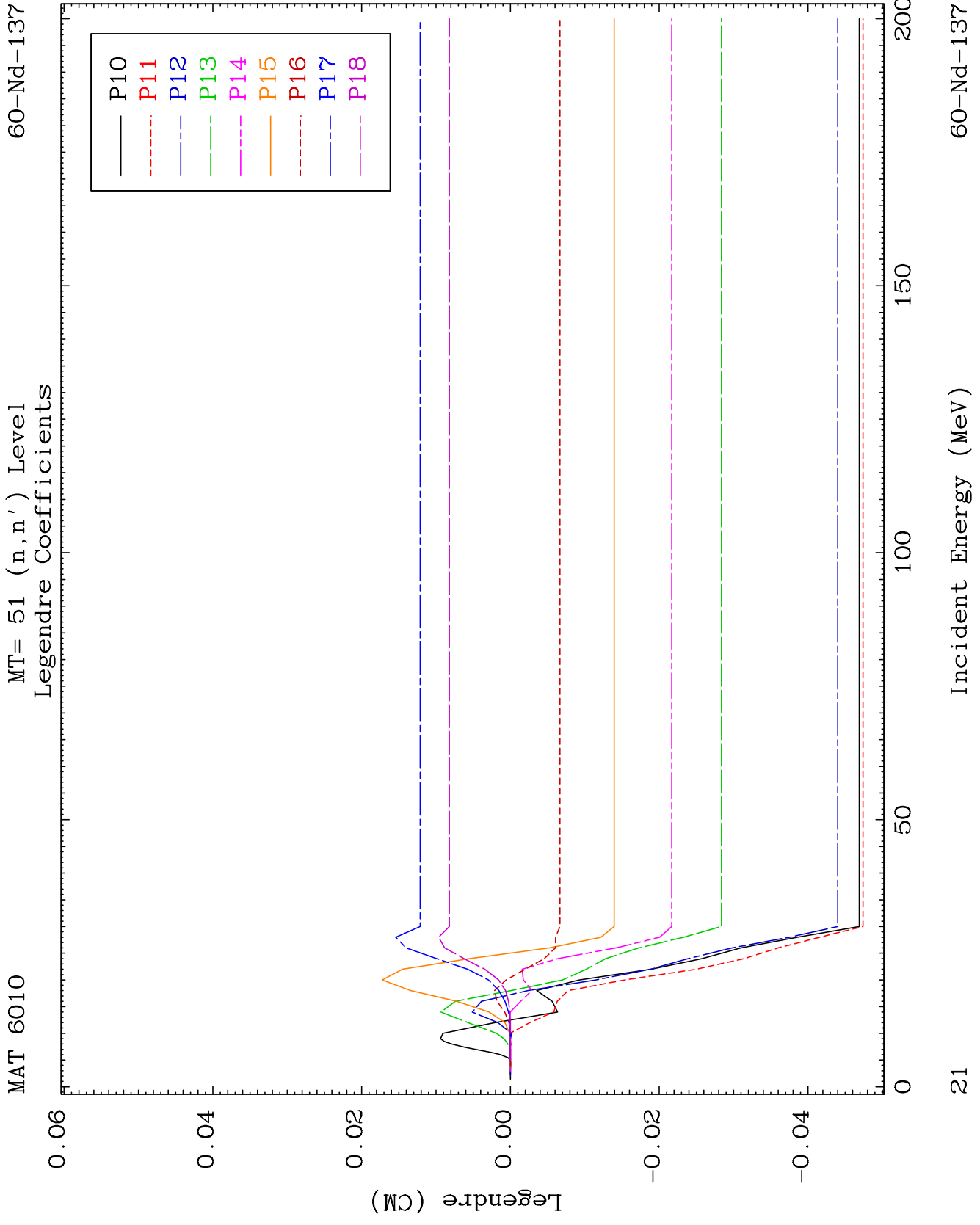
Incident Energy (MeV)

60-Nd-137

MAT 6010 MT= 51 (n,n') Level Legendre Coefficients 60-Nd-137



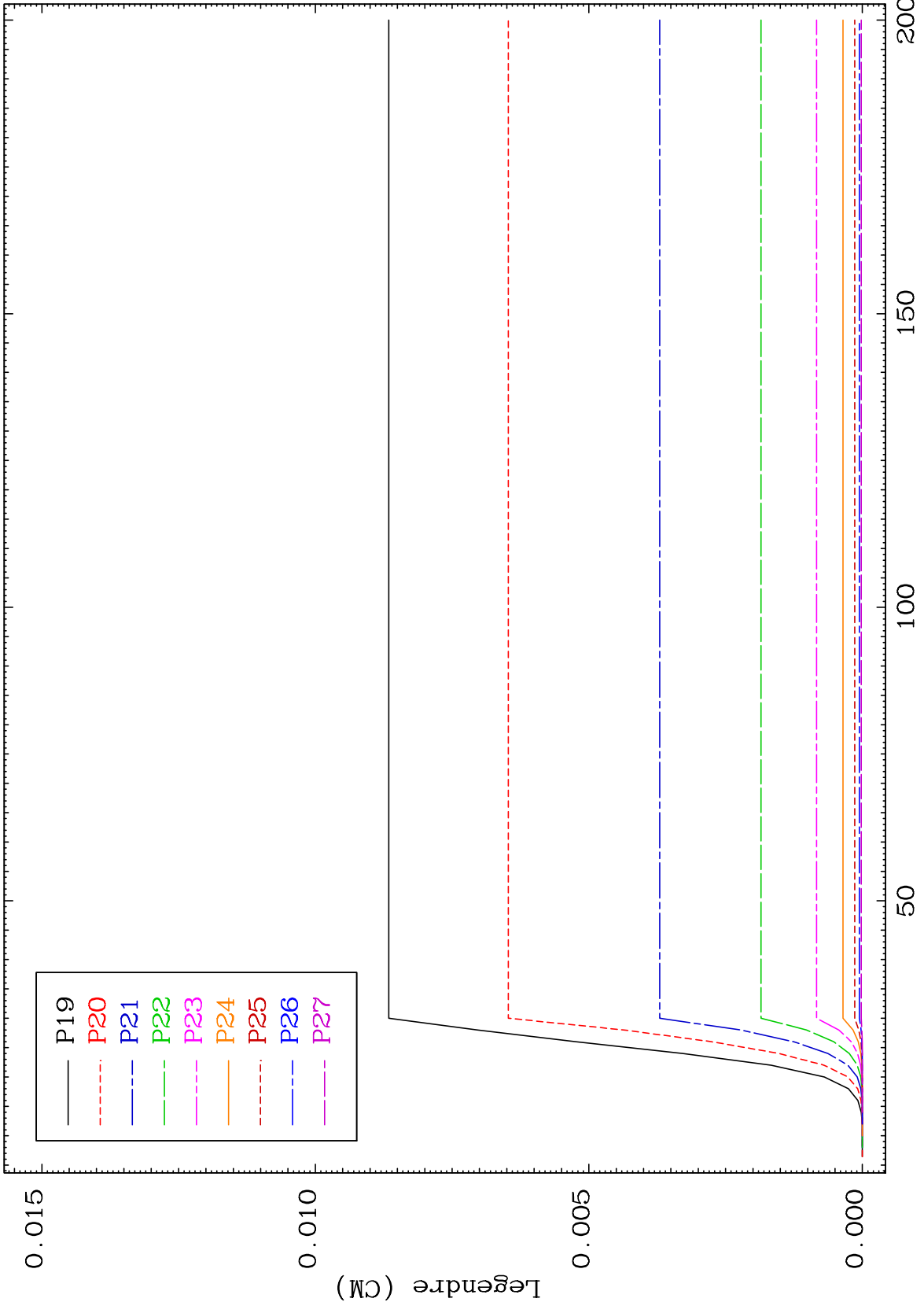
60-Nd-137



MAT 6010

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

60-Nd-137



22

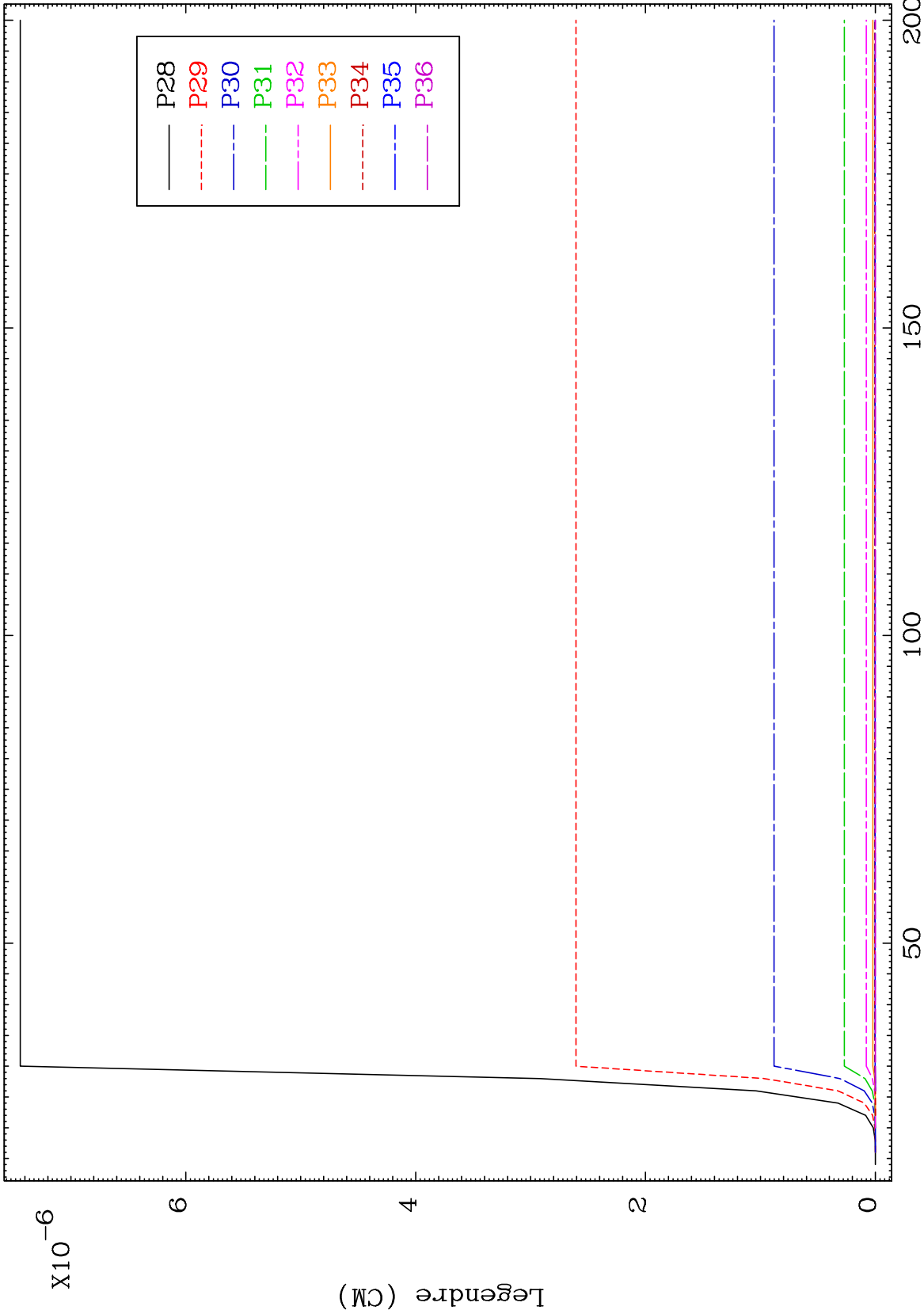
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137



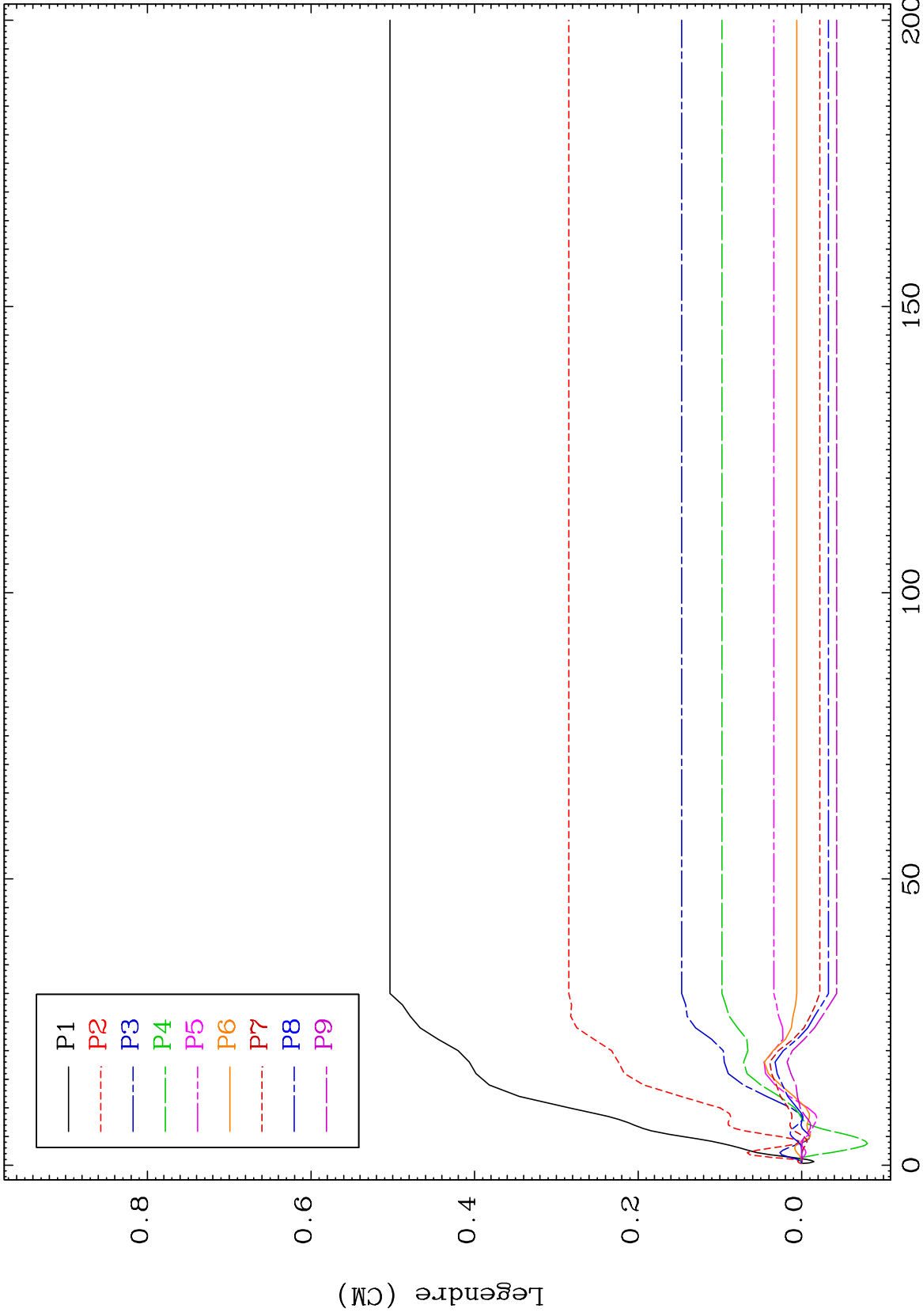
23

60-Nd-137

MAT 6010

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

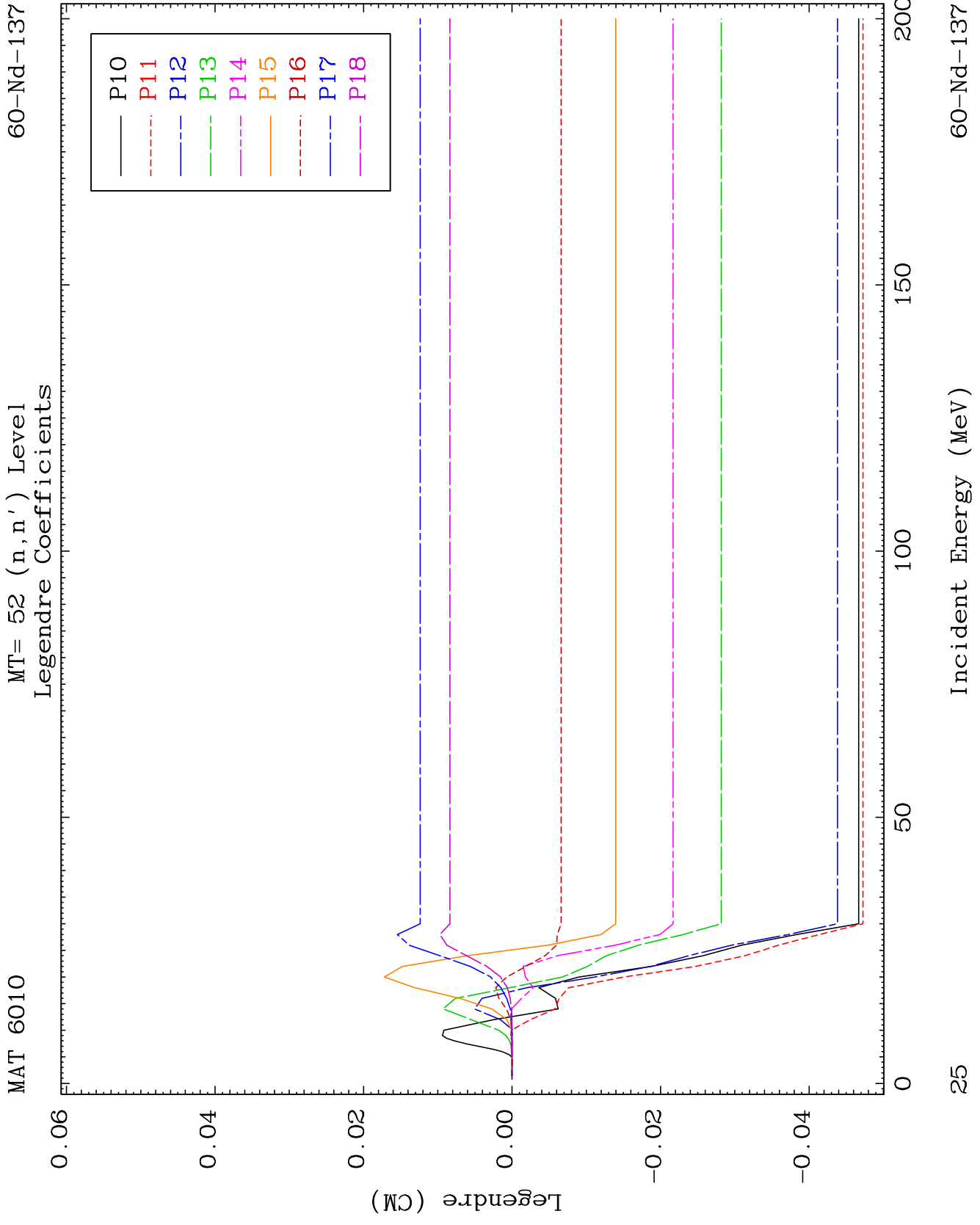
60-Nd-137



24

Incident Energy (MeV)

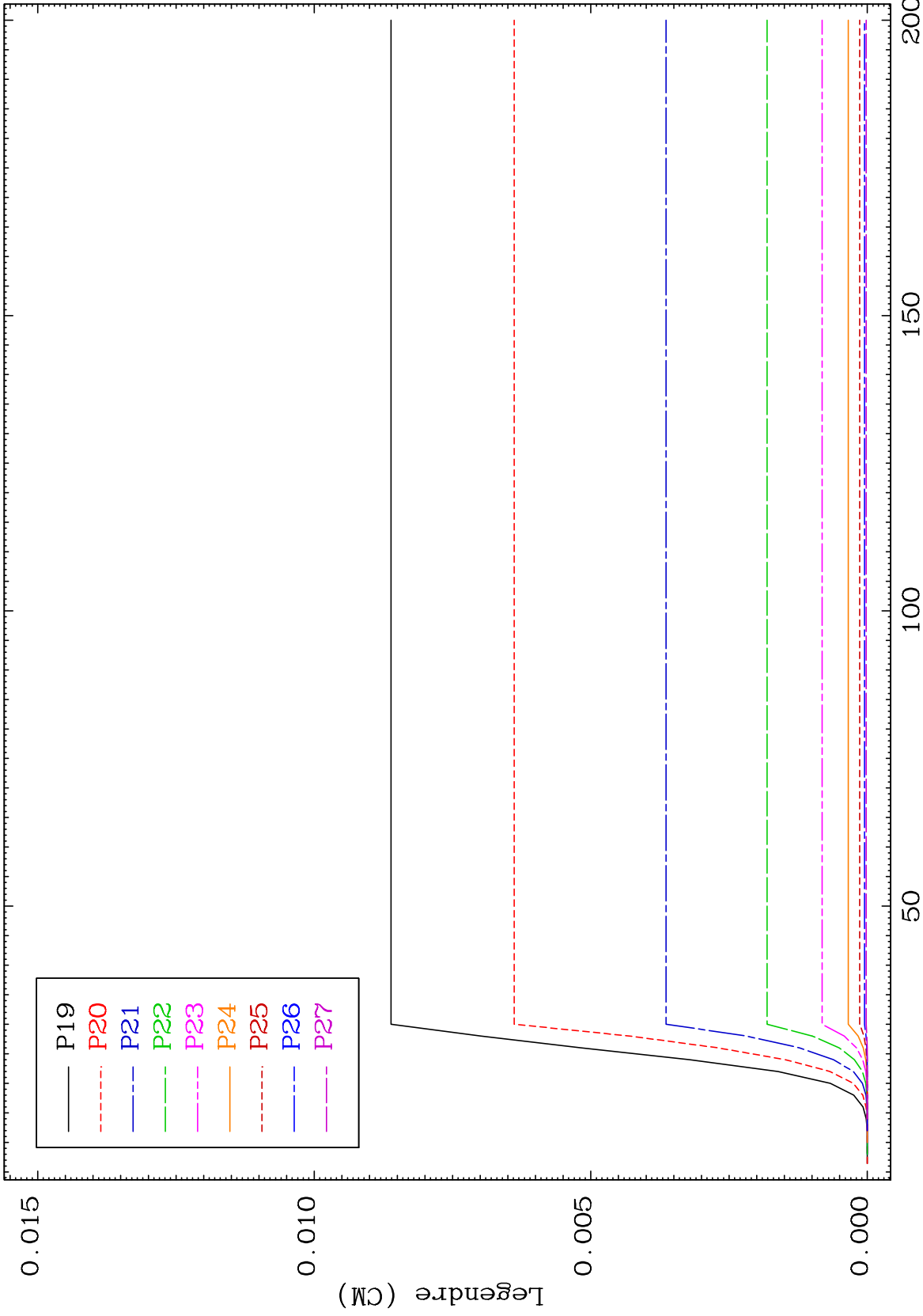
60-Nd-137



MAT 6010

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

60-Nd-137



26

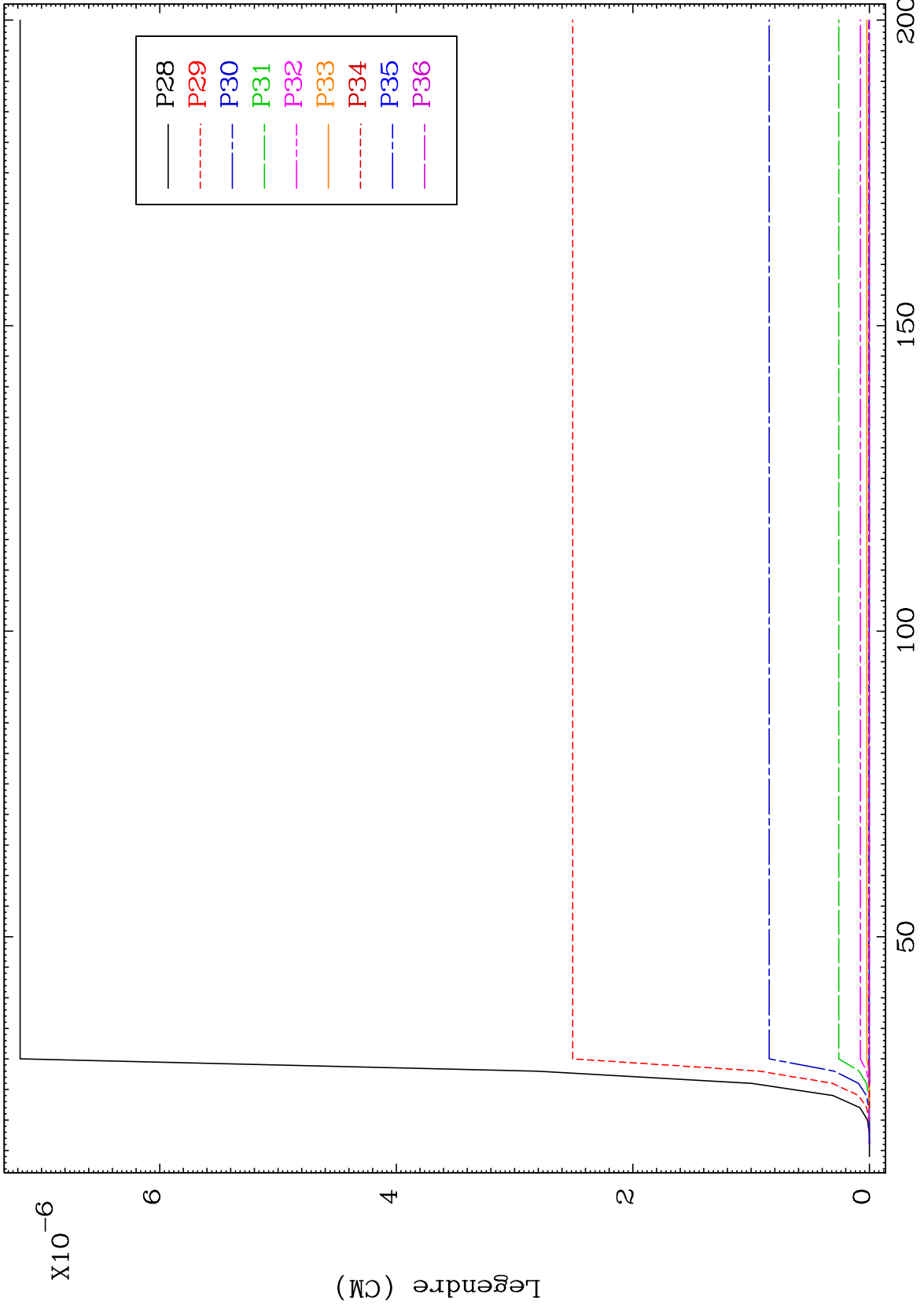
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137

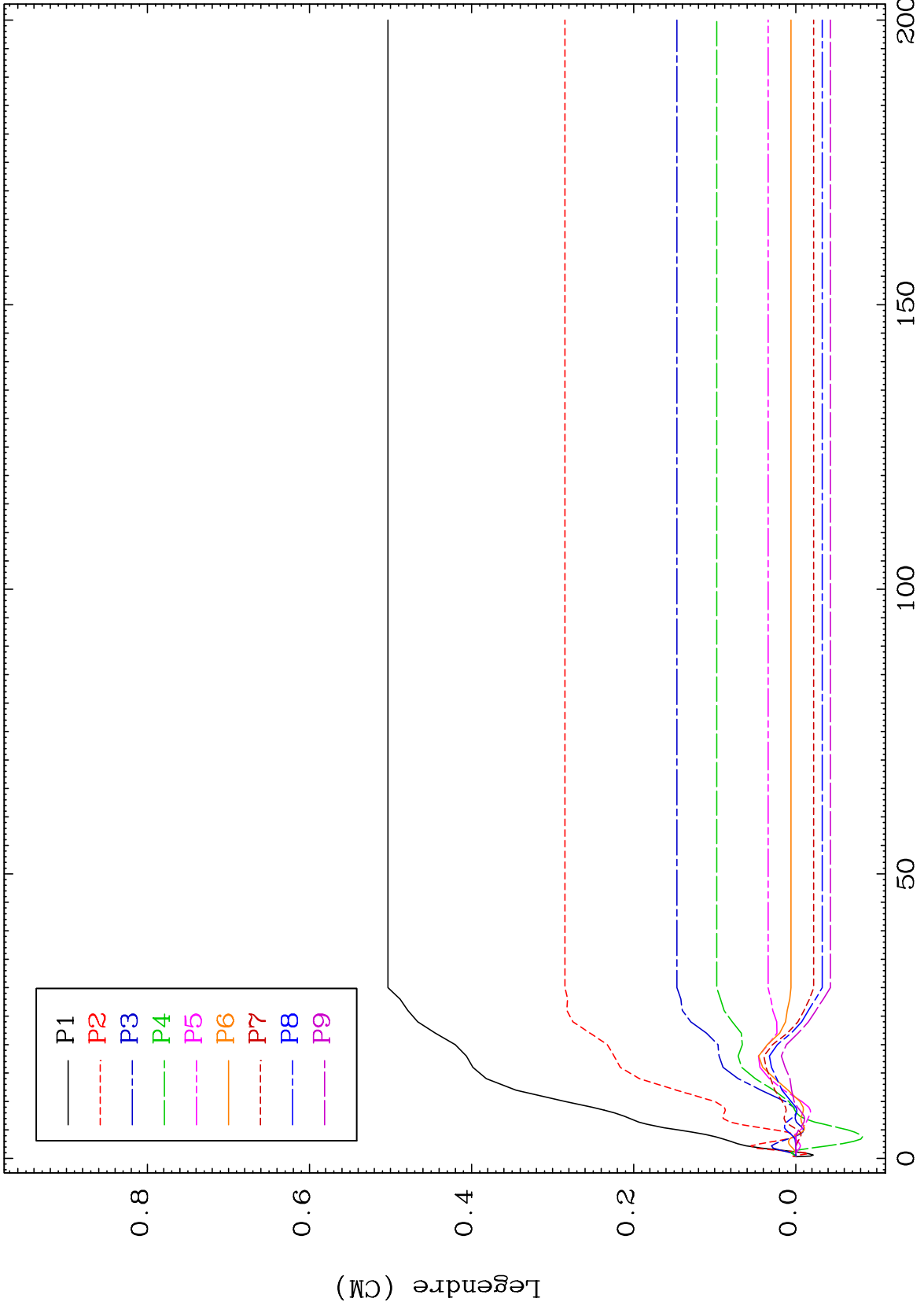


27

Incident Energy (MeV)

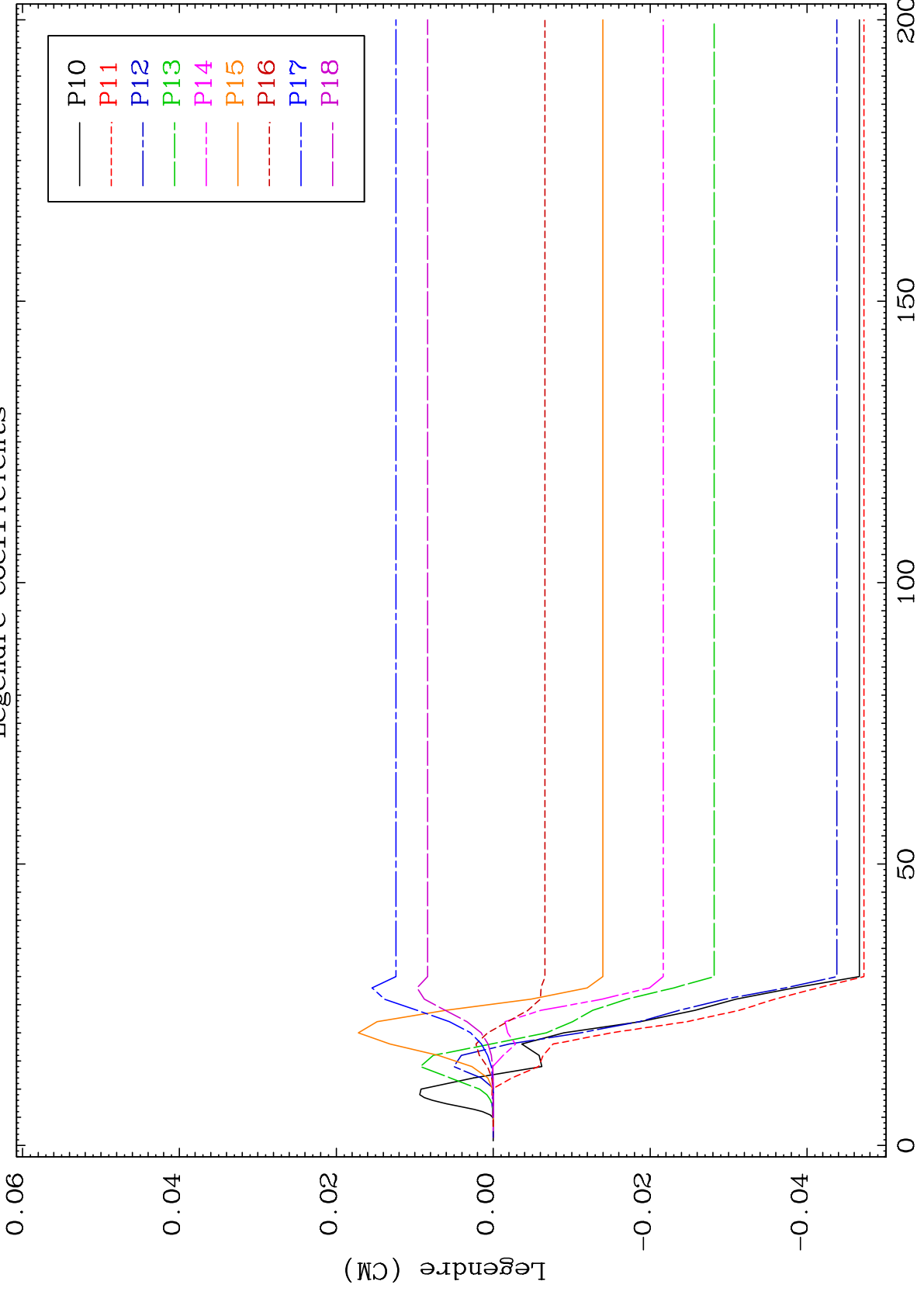
60-Nd-137

MAT 6010 MT= 53 (n,n') Level Legendre Coefficients 60-Nd-137



28 Incident Energy (MeV) 60-Nd-137

MAT 6010 MT= 53 (n,n') Level Legendre Coefficients 60-Nd-137

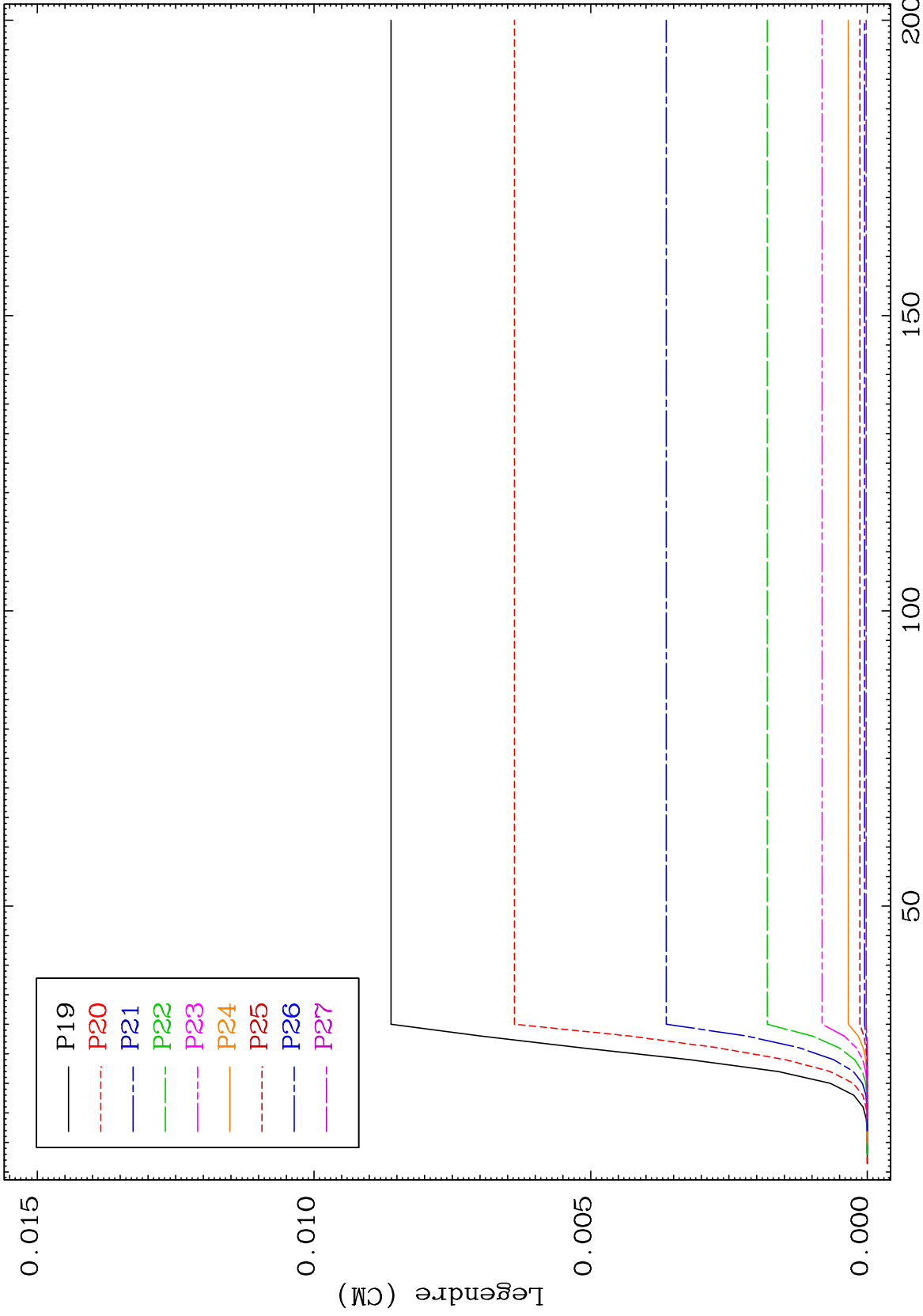


29 60-Nd-137

MAT 6010

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

60-Nd-137



30

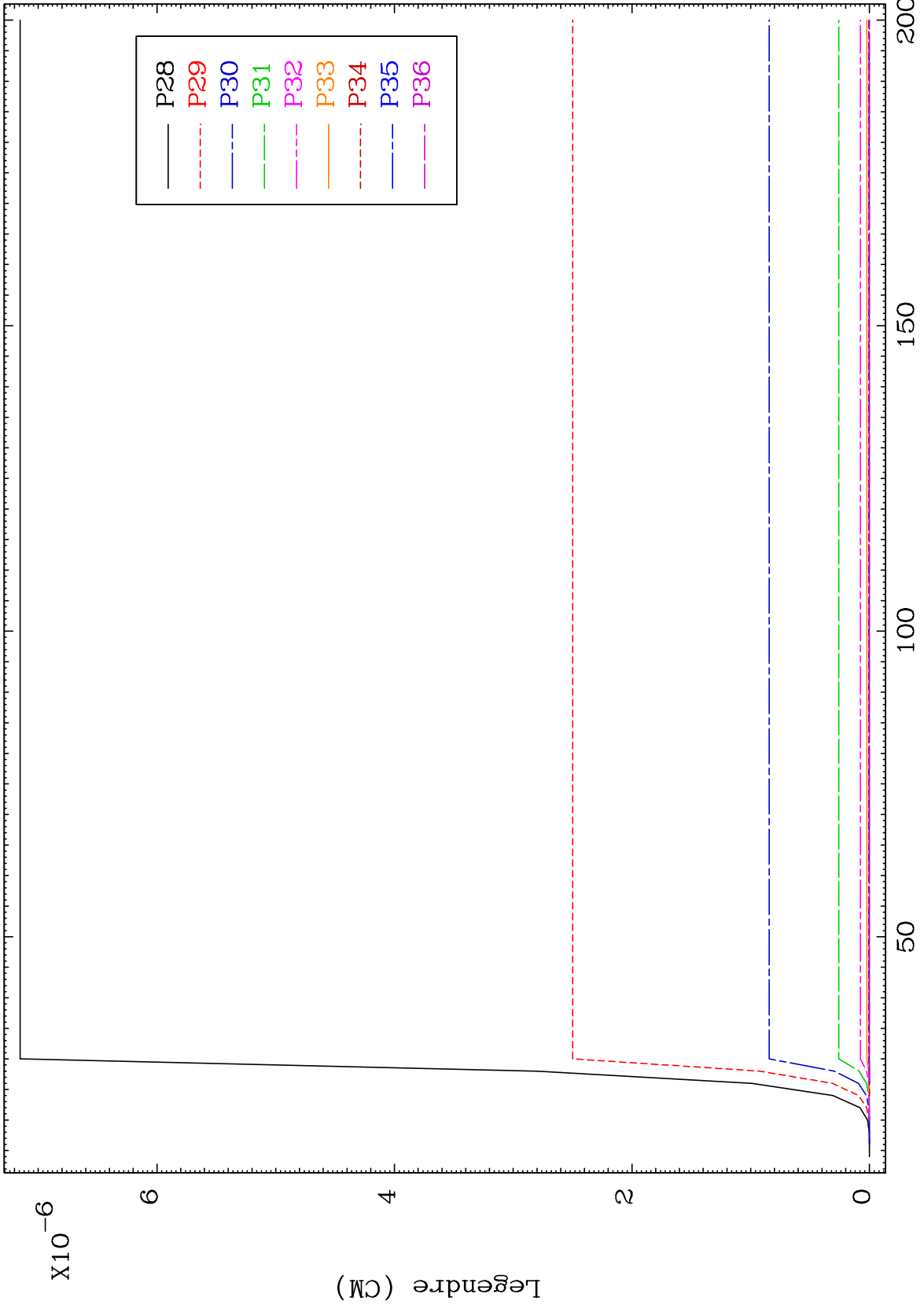
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

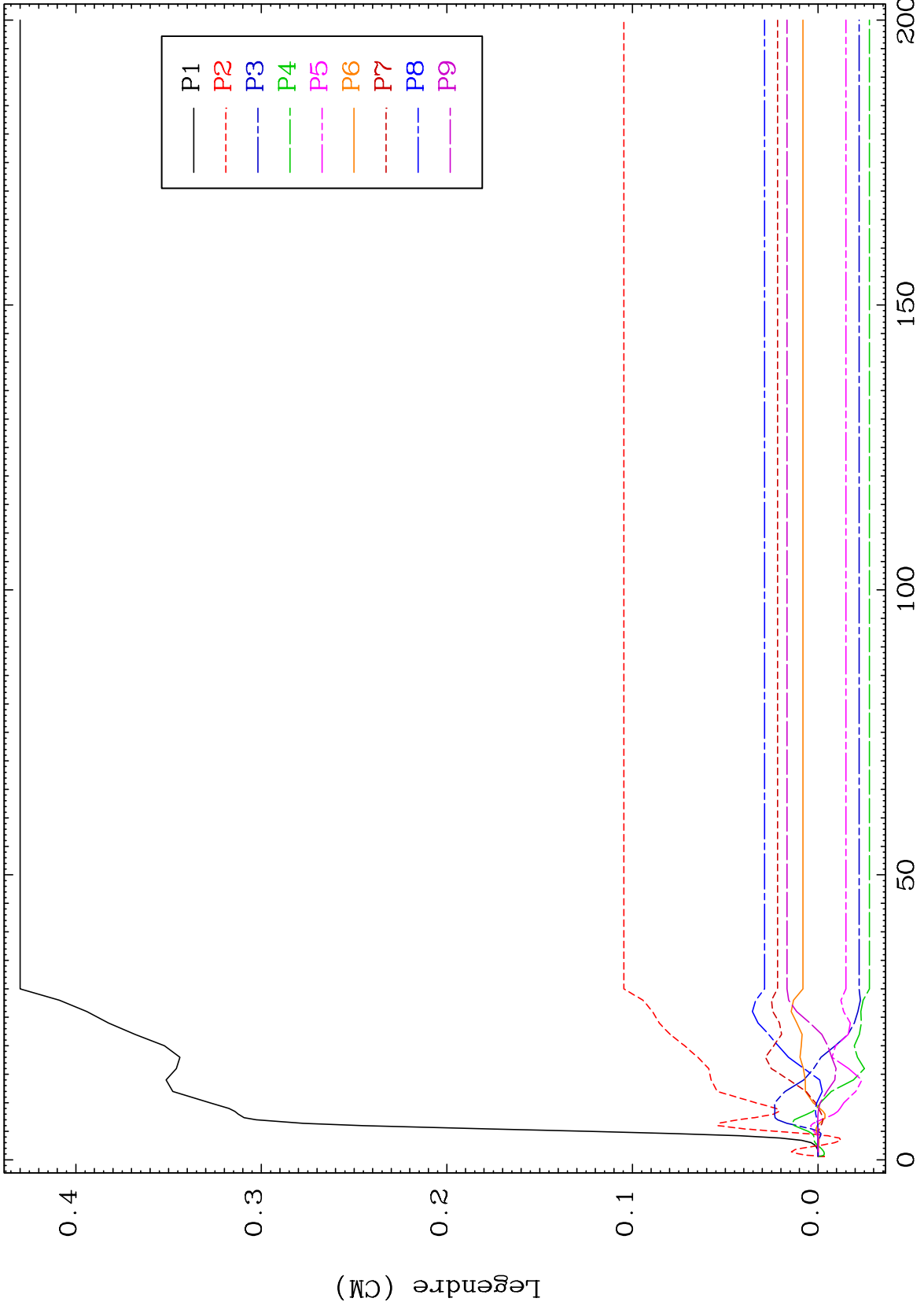
60-Nd-137



31

60-Nd-137

MAT 6010 MT= 54 (n,n') Level Legendre Coefficients 60-Nd-137

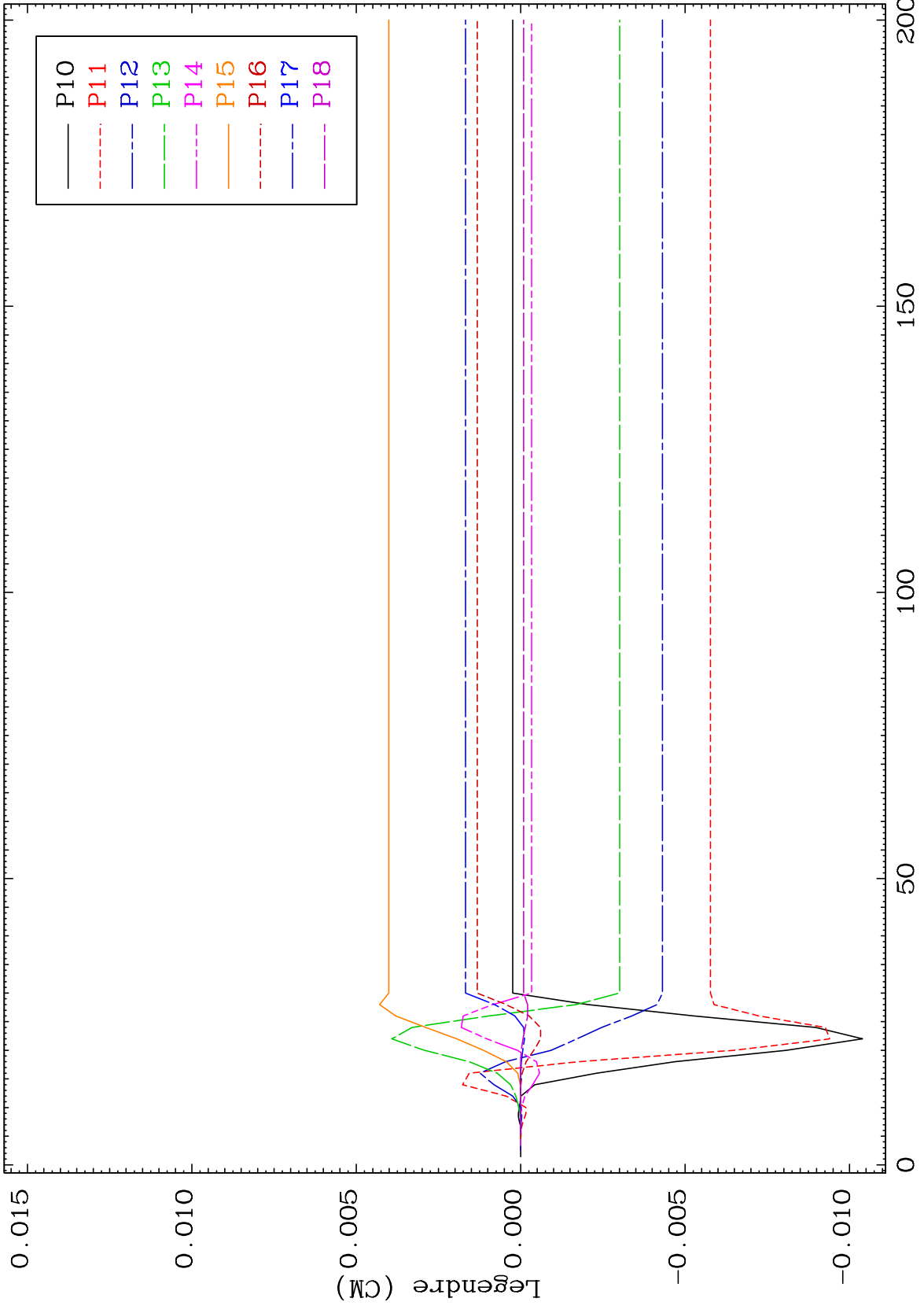


32 60-Nd-137

MAT 6010

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

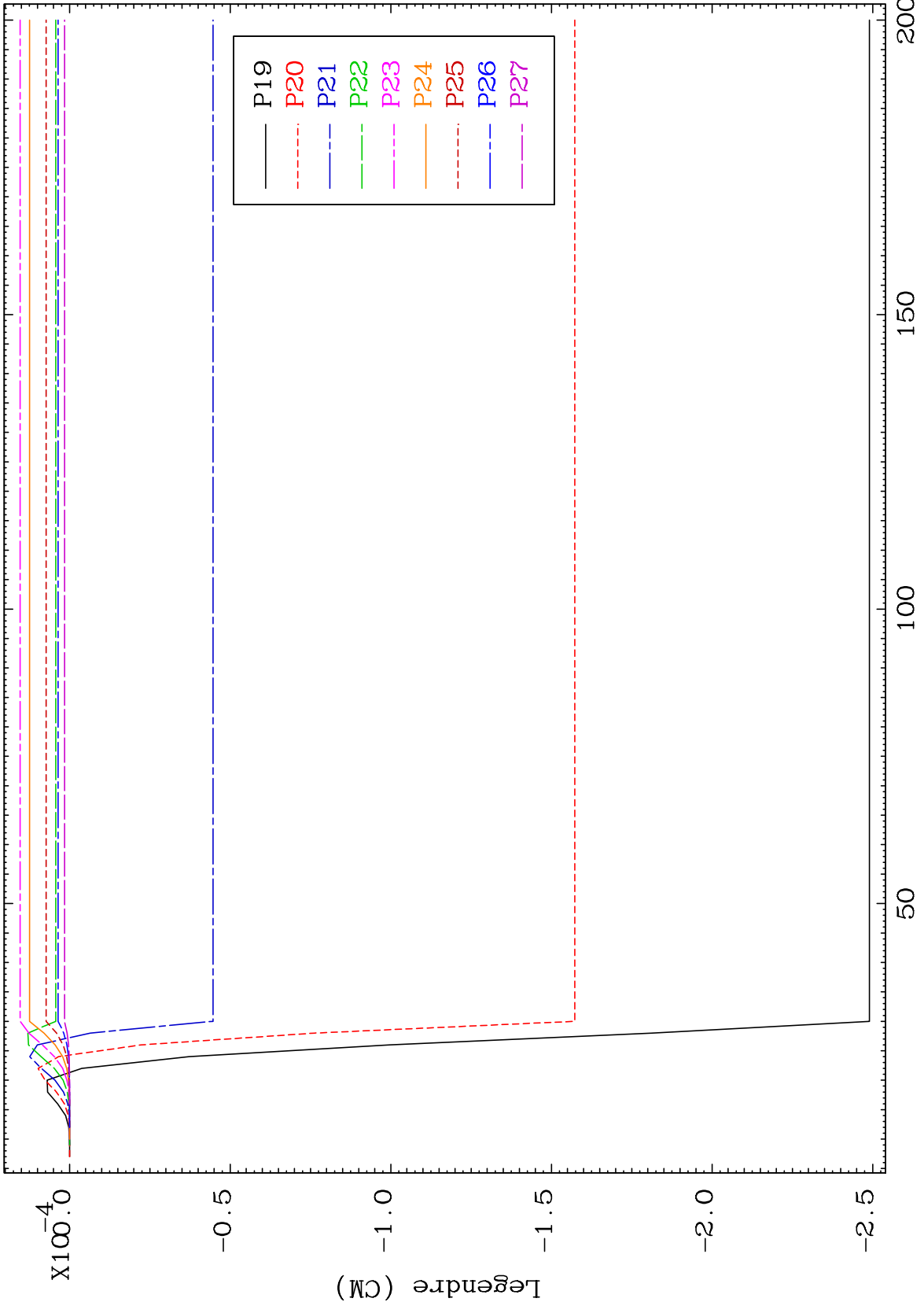
60-Nd-137



33

60-Nd-137

MAT 6010 MT= 54 (n,n') Level Legendre Coefficients 60-Nd-137

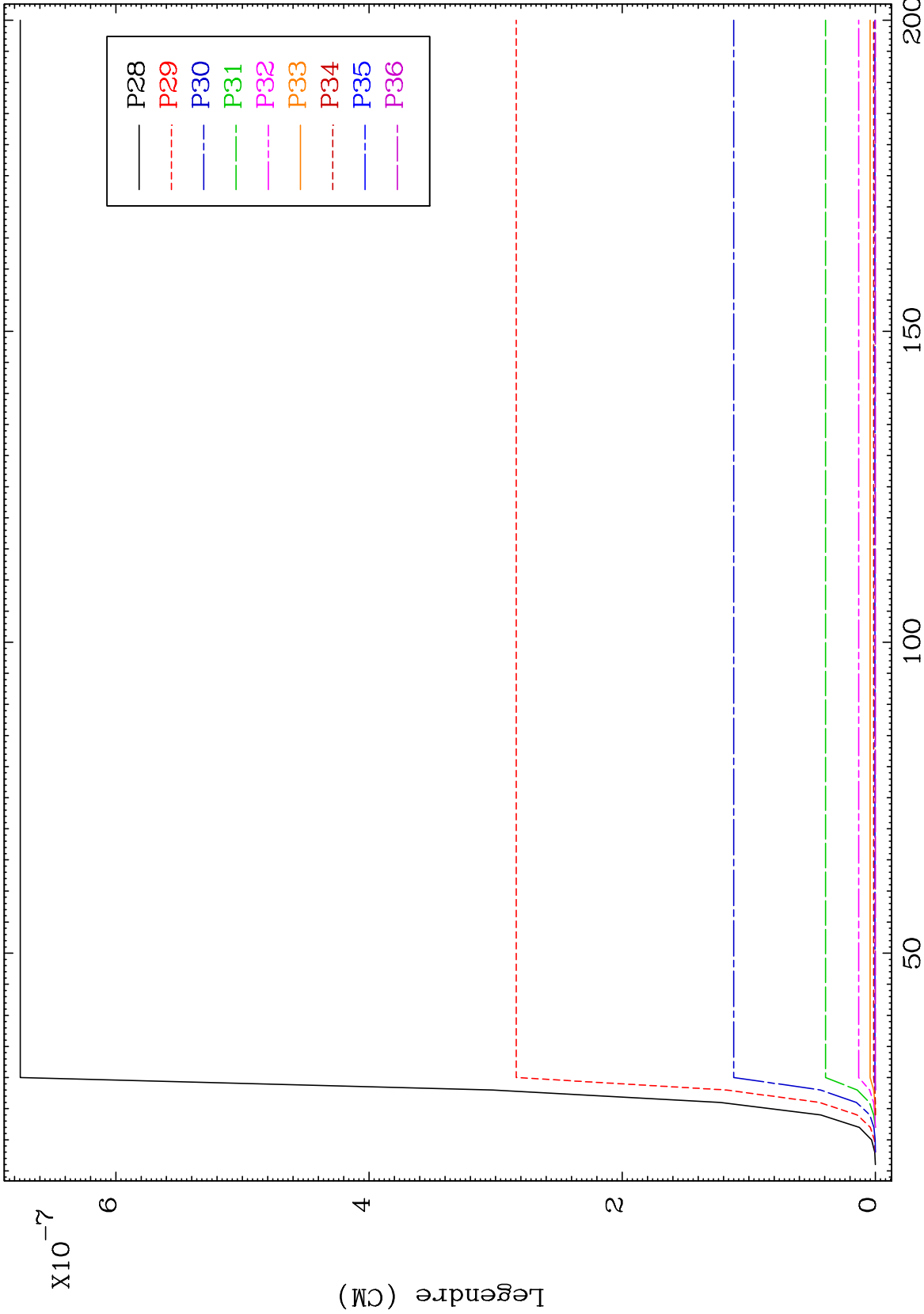


34 Incident Energy (MeV) 60-Nd-137

MAT 6010

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

60-Nd-137



35

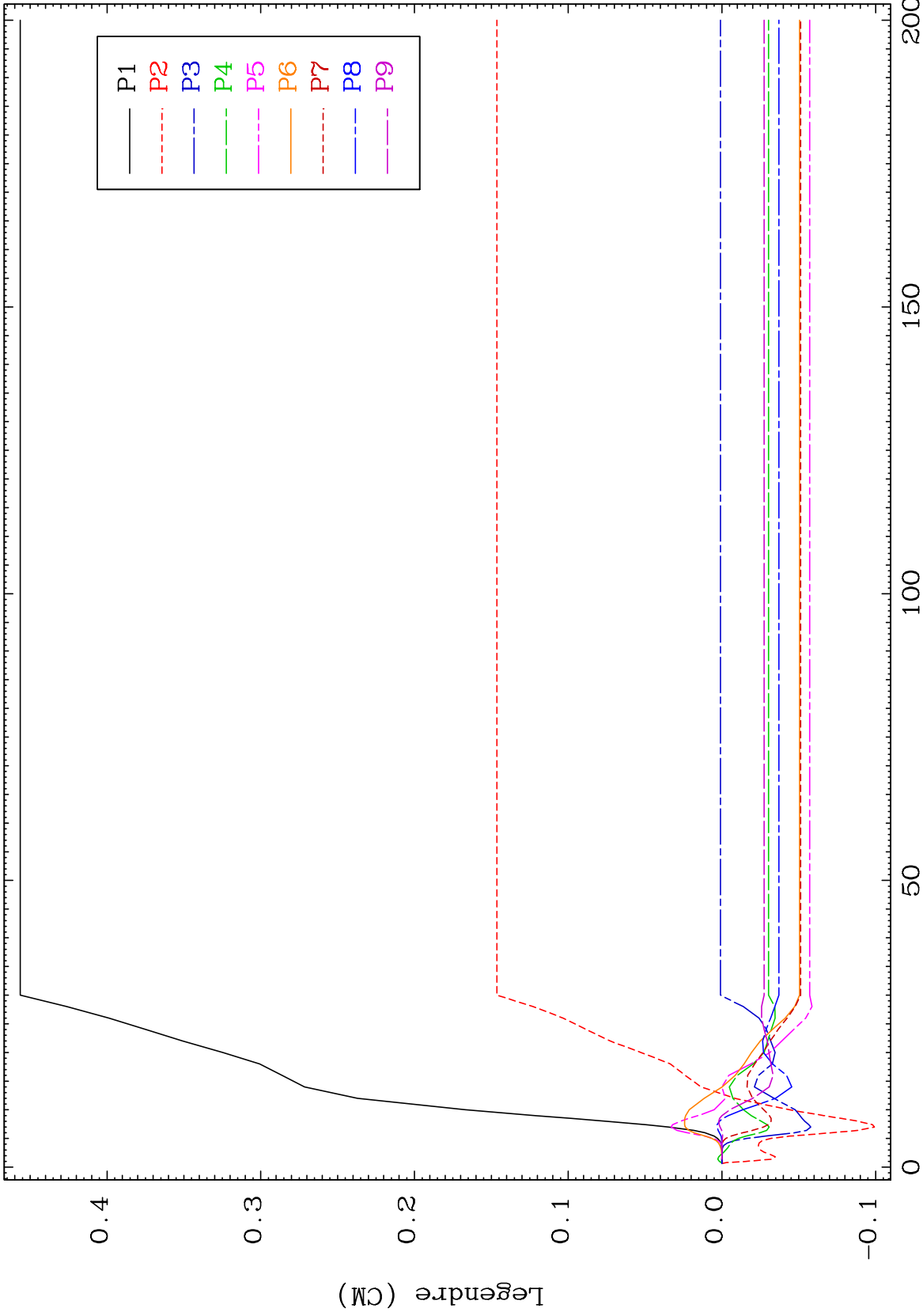
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137

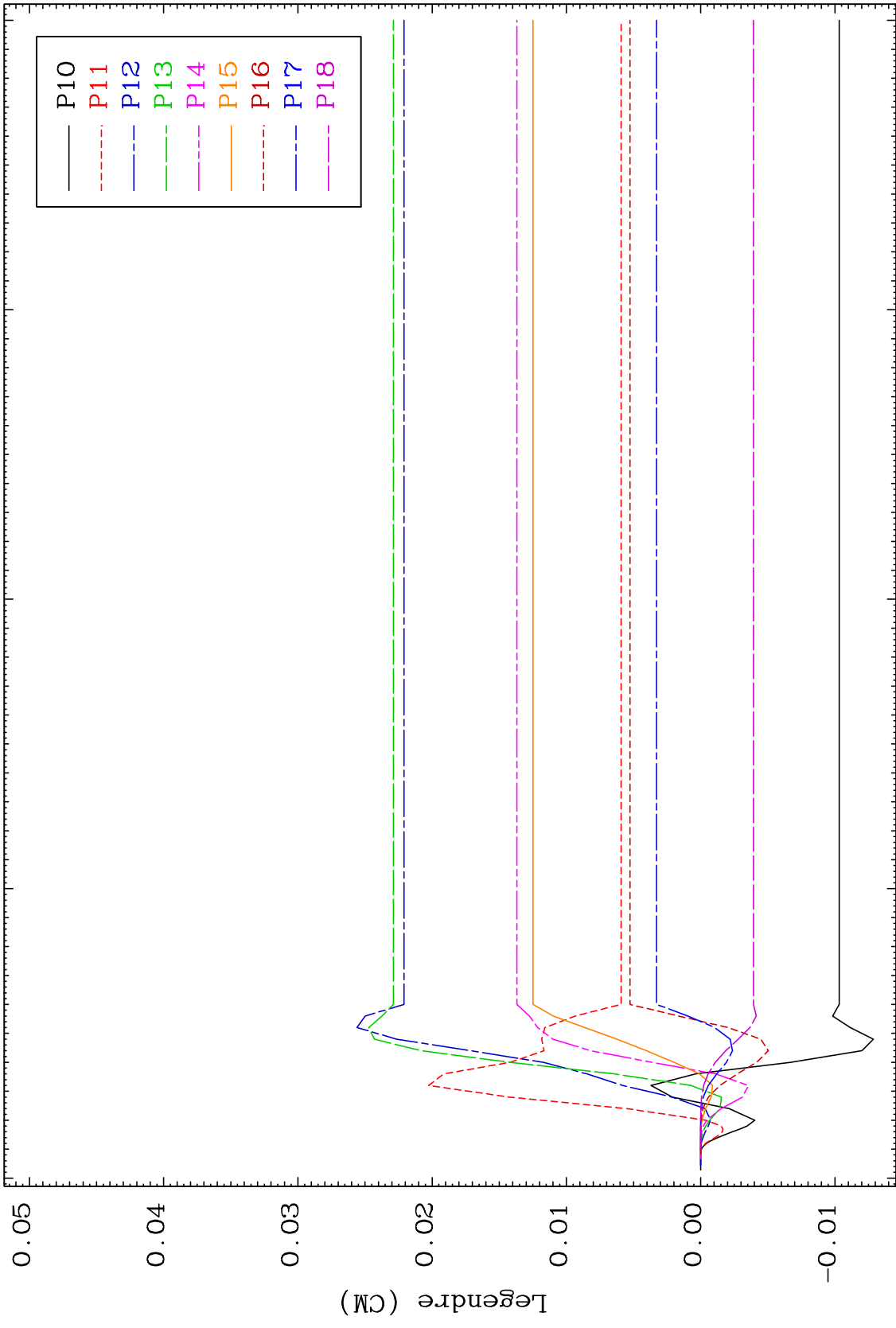


36

Incident Energy (MeV)

60-Nd-137

MAT 6010 MT= 55 (n,n') Level Legendre Coefficients 60-Nd-137

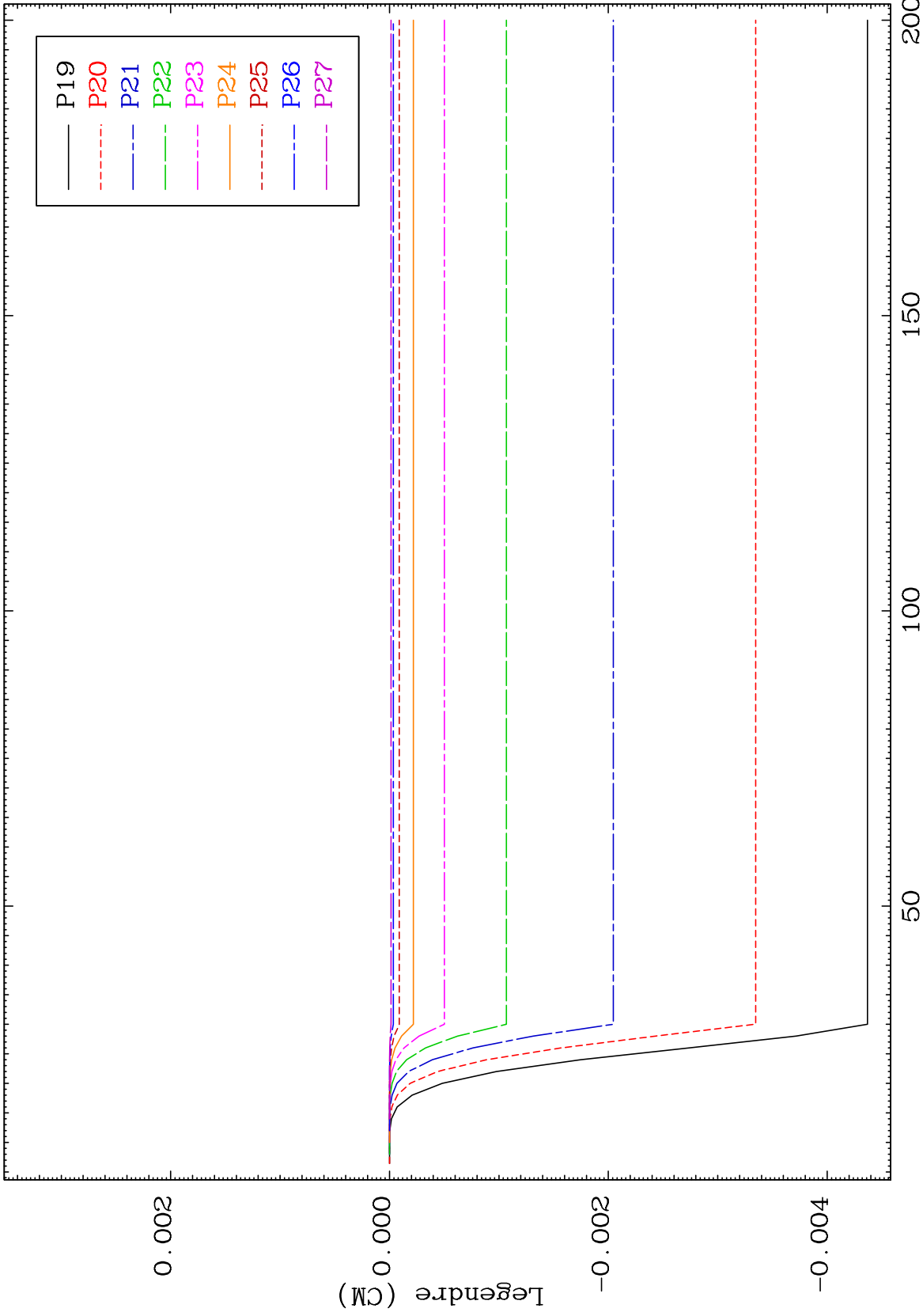


37 Incident Energy (MeV) 60-Nd-137

MAT 6010

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

60-Nd-137

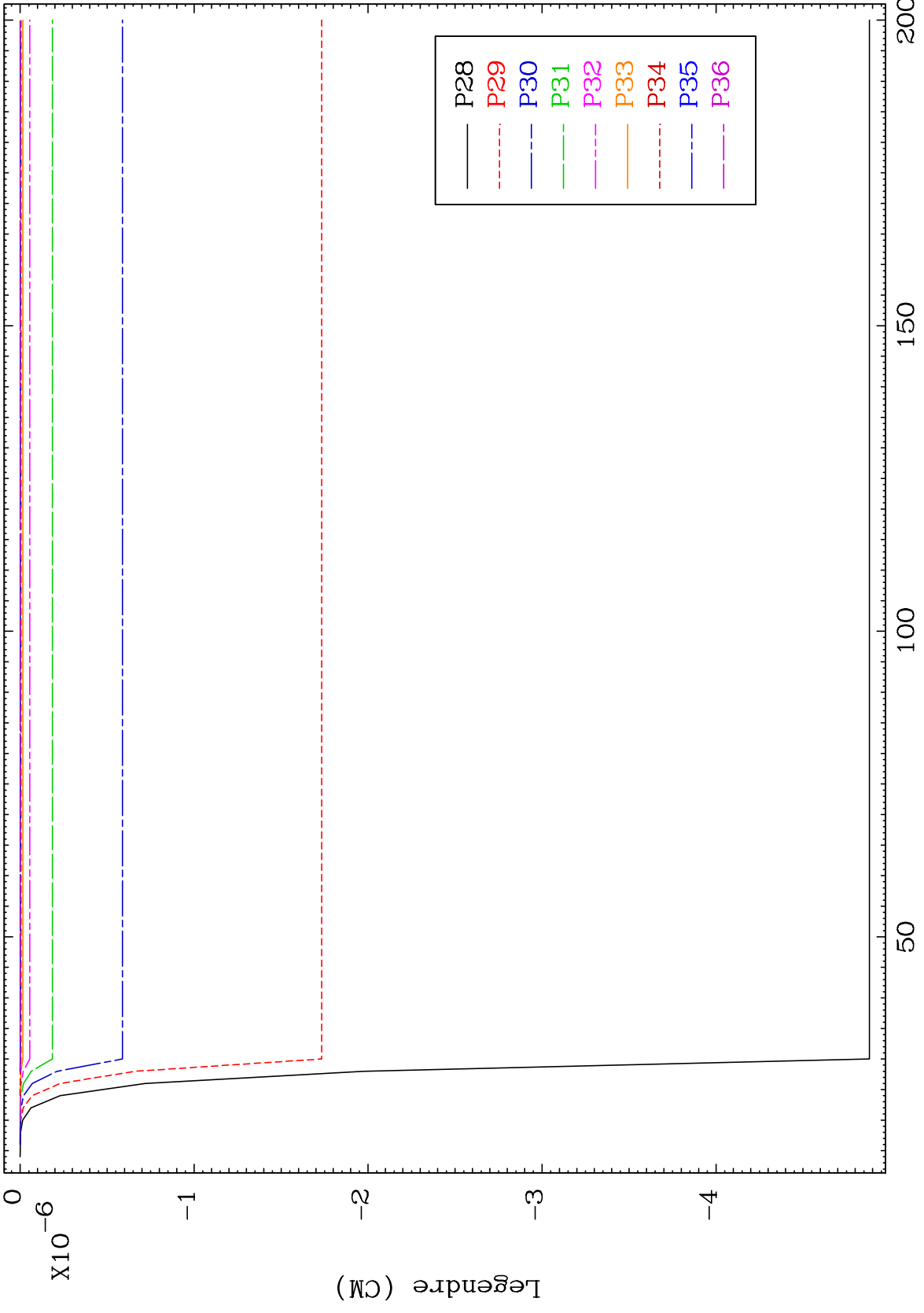


38

Incident Energy (MeV)

60-Nd-137

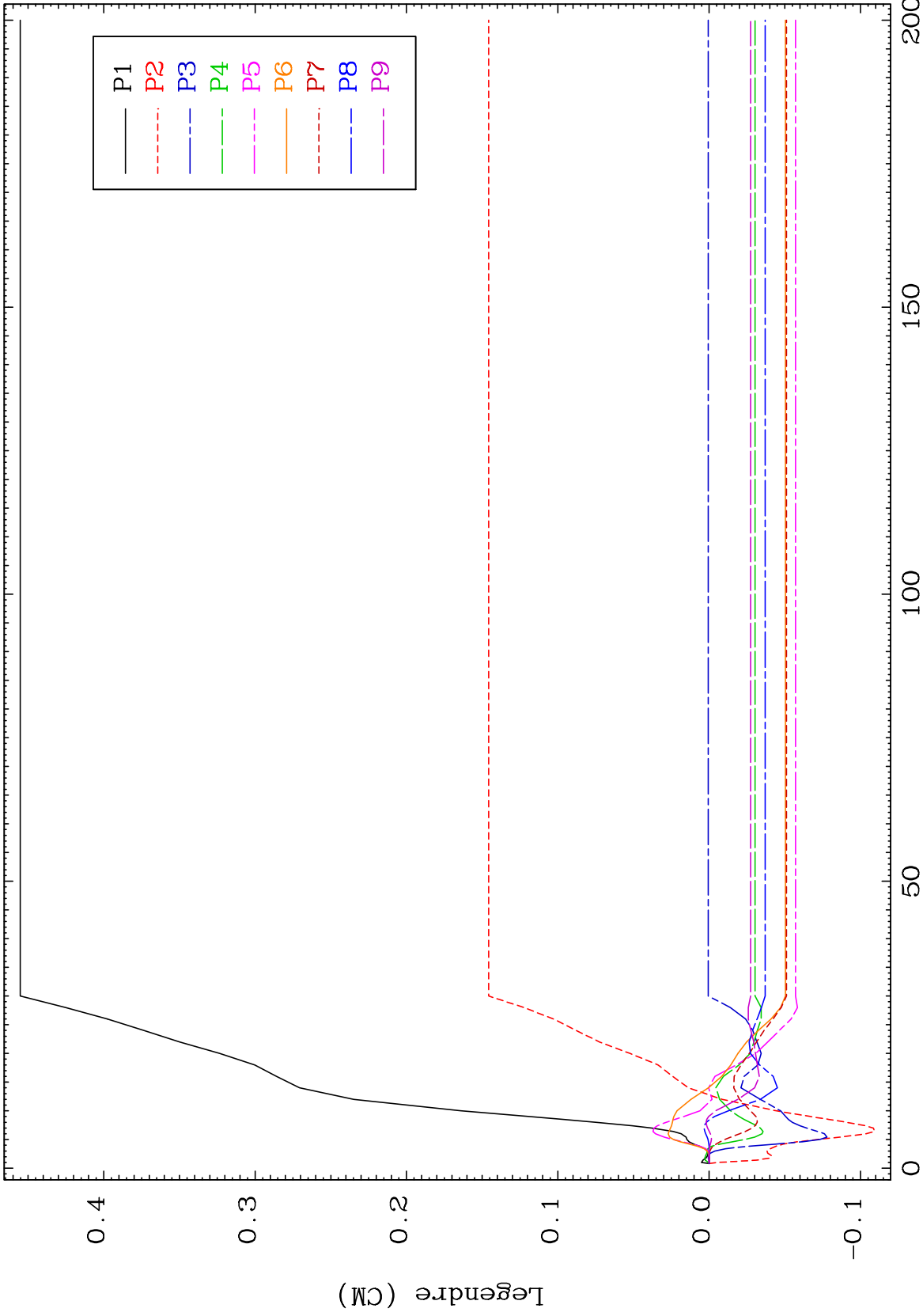
MAT 6010 MT= 55 (n,n') Level Legendre Coefficients 60-Nd-137



MAT 6010

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

60-Nd-137



60-Nd-137

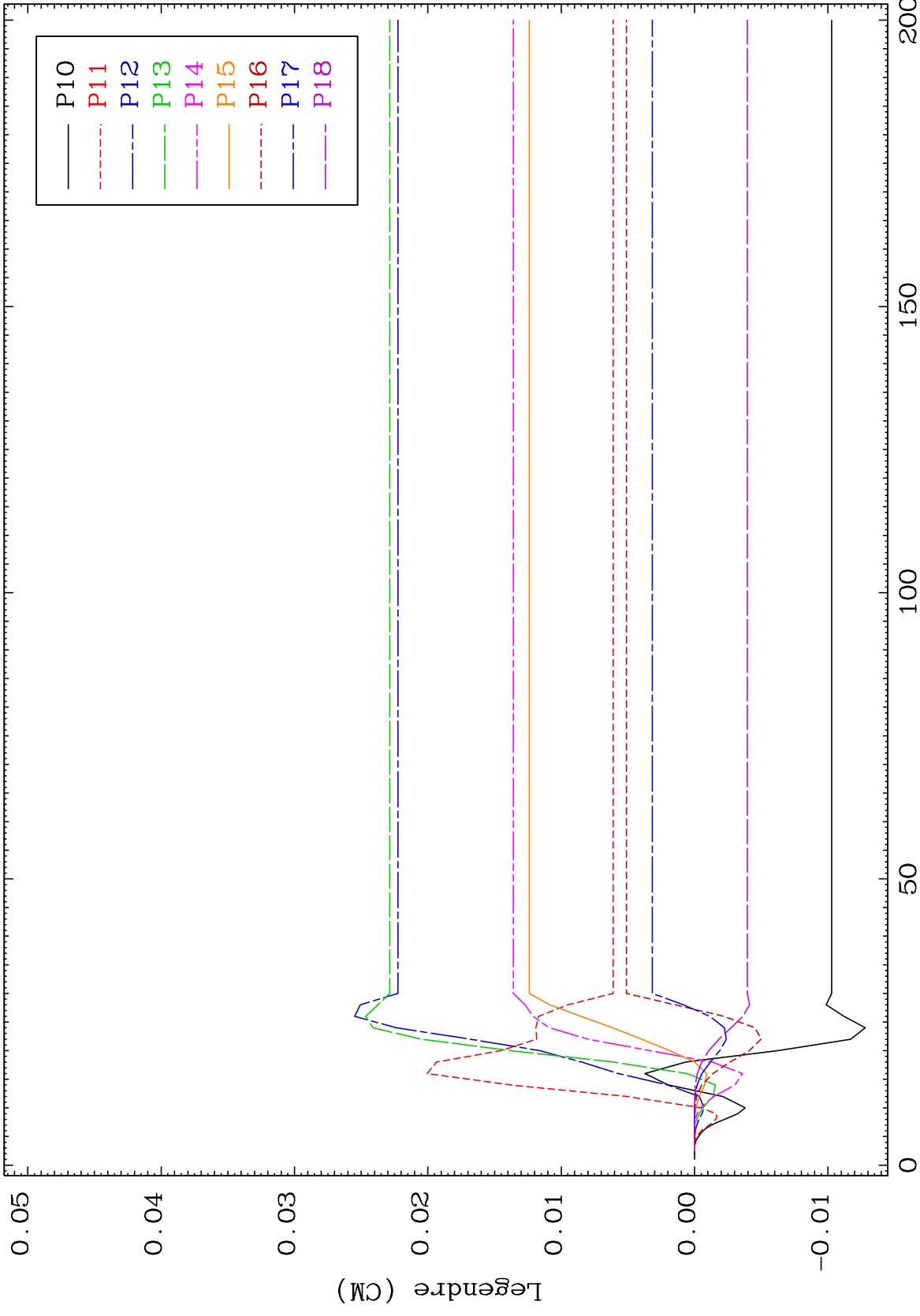
Incident Energy (MeV)

40

MAT 6010

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

60-Nd-137



41

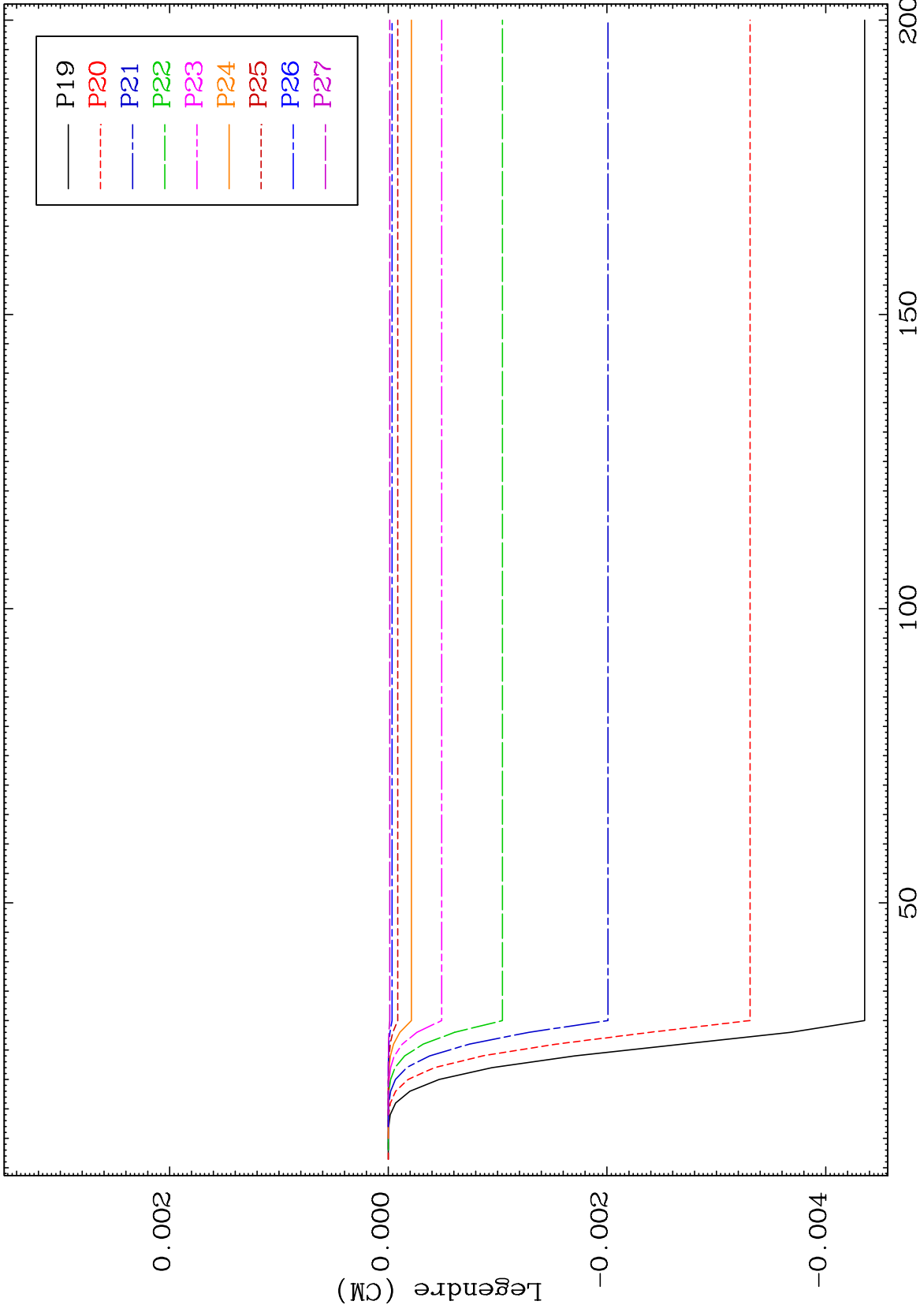
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137

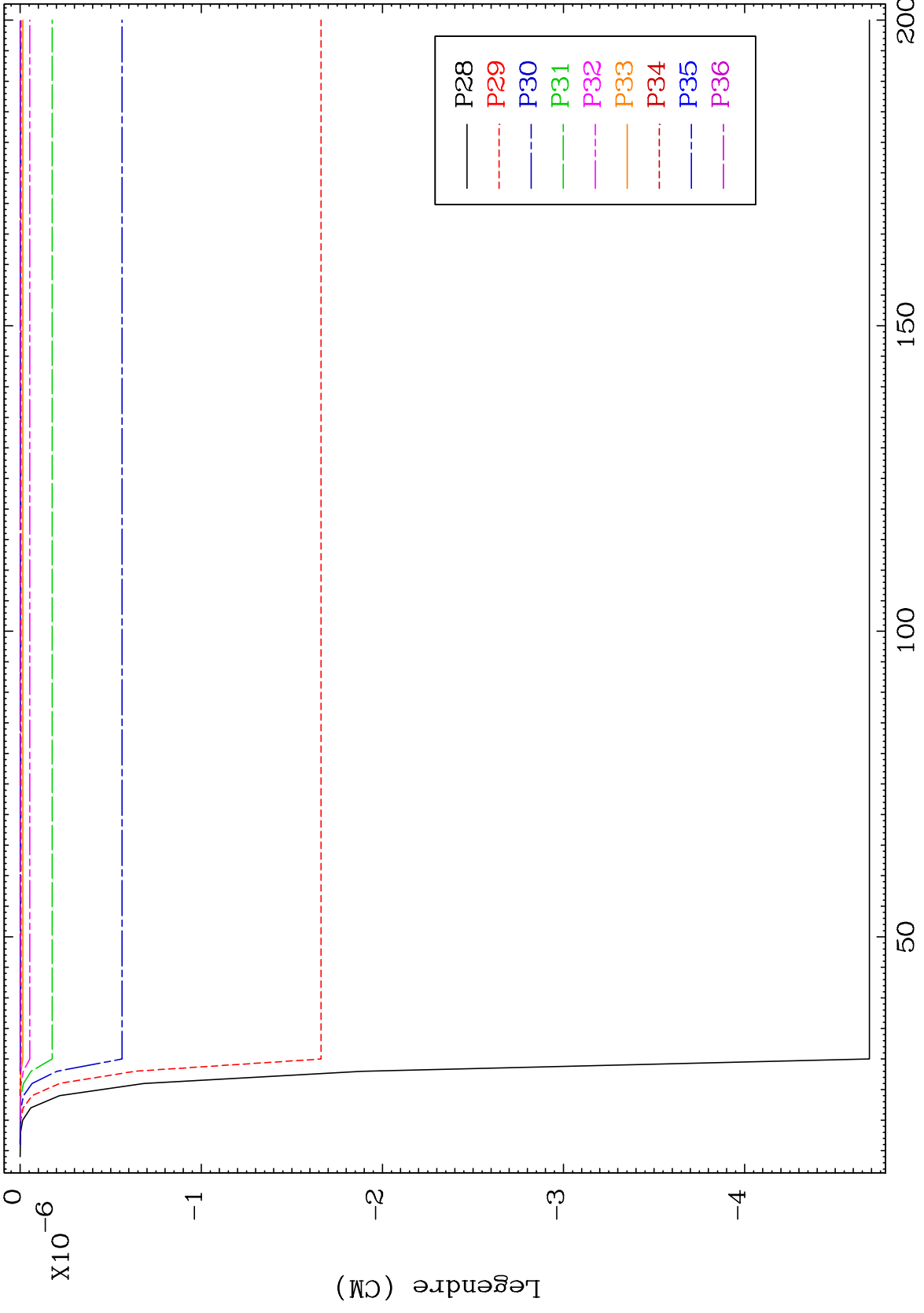


42

Incident Energy (MeV)

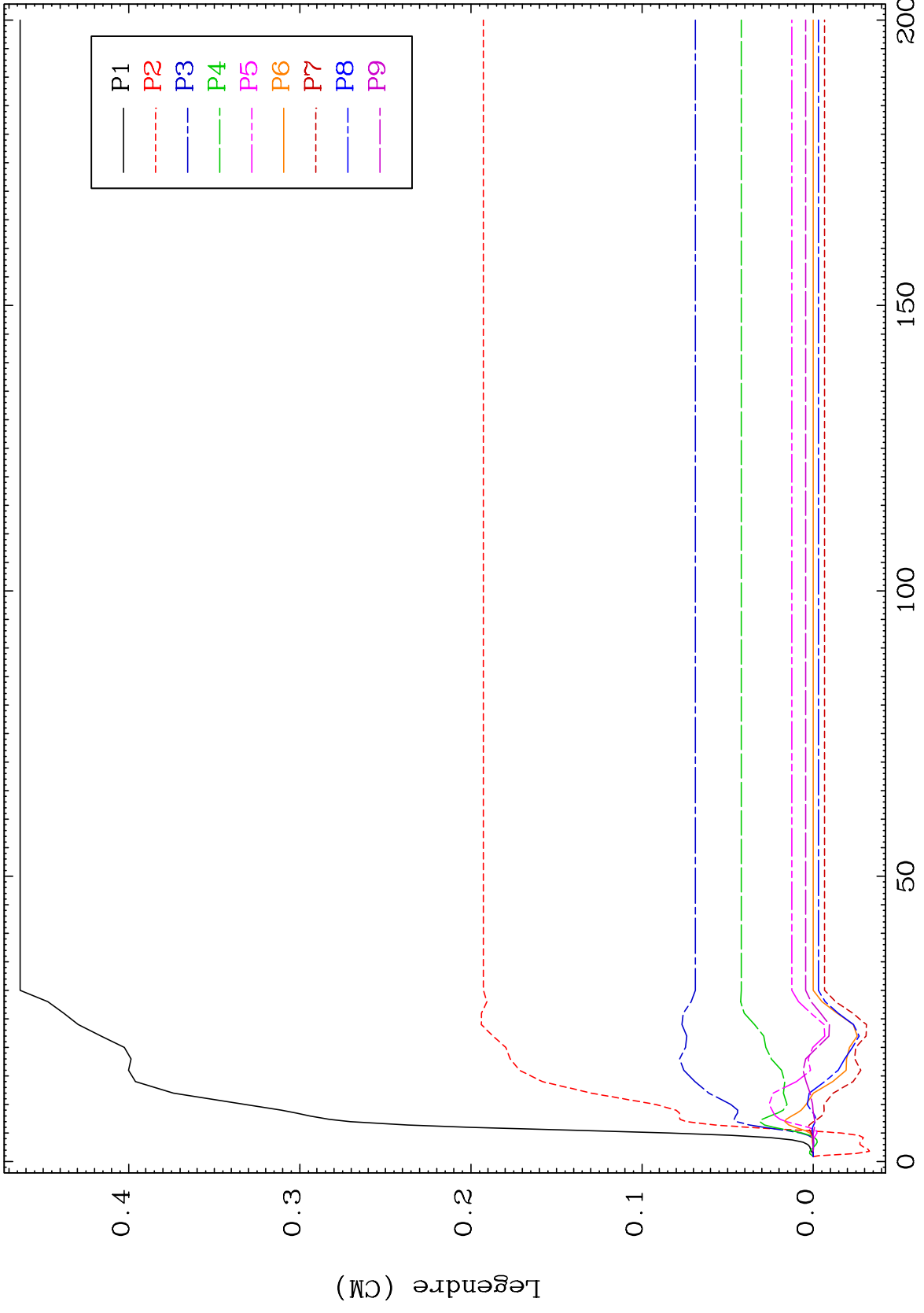
60-Nd-137

MAT 6010 MT= 56 (n,n') Level Legendre Coefficients 60-Nd-137



43 Incident Energy (MeV) 60-Nd-137

MAT 6010 MT= 57 (n,n') Level Legendre Coefficients 60-Nd-137

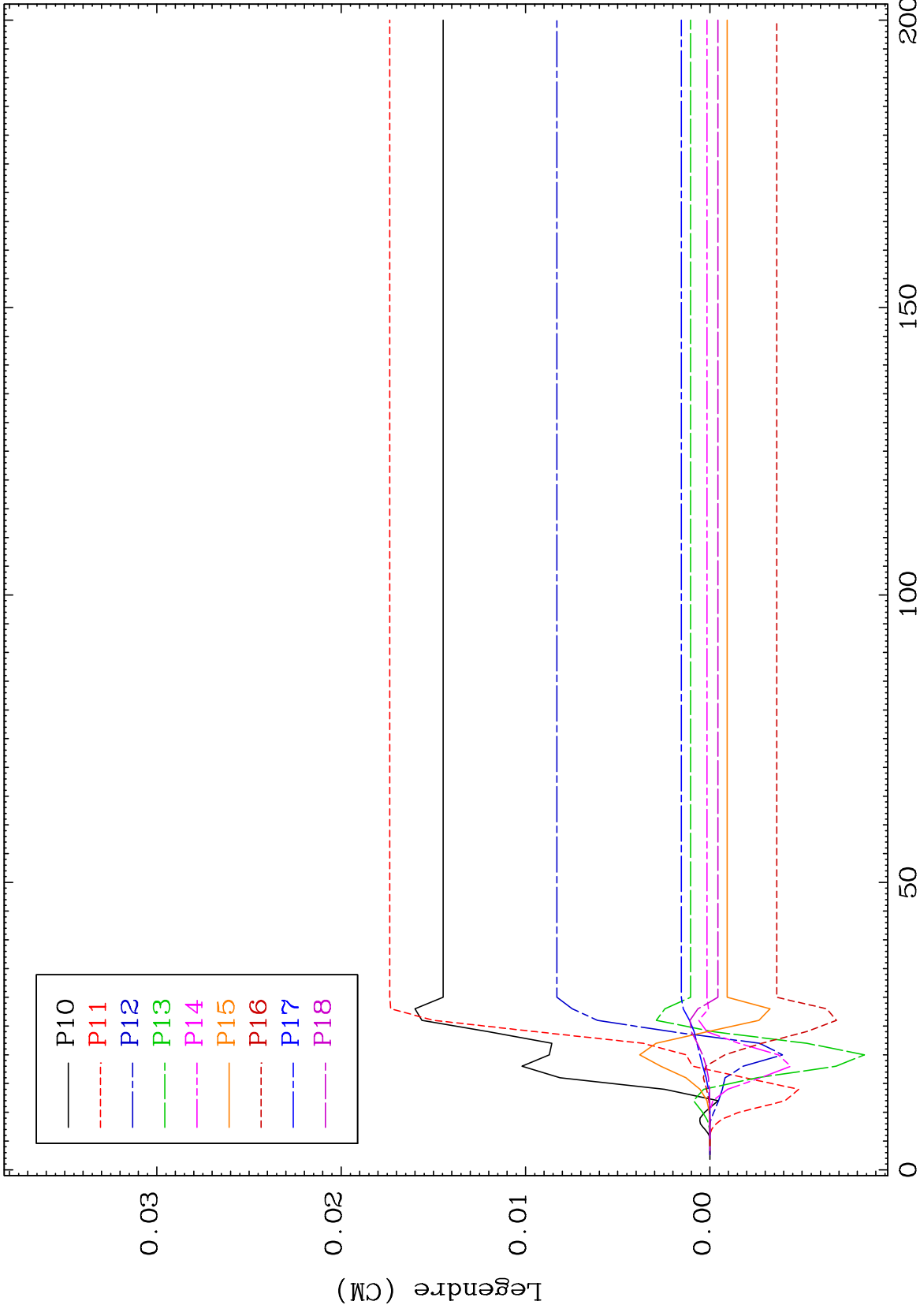


44 60-Nd-137

MAT 6010

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

60-Nd-137



60-Nd-137

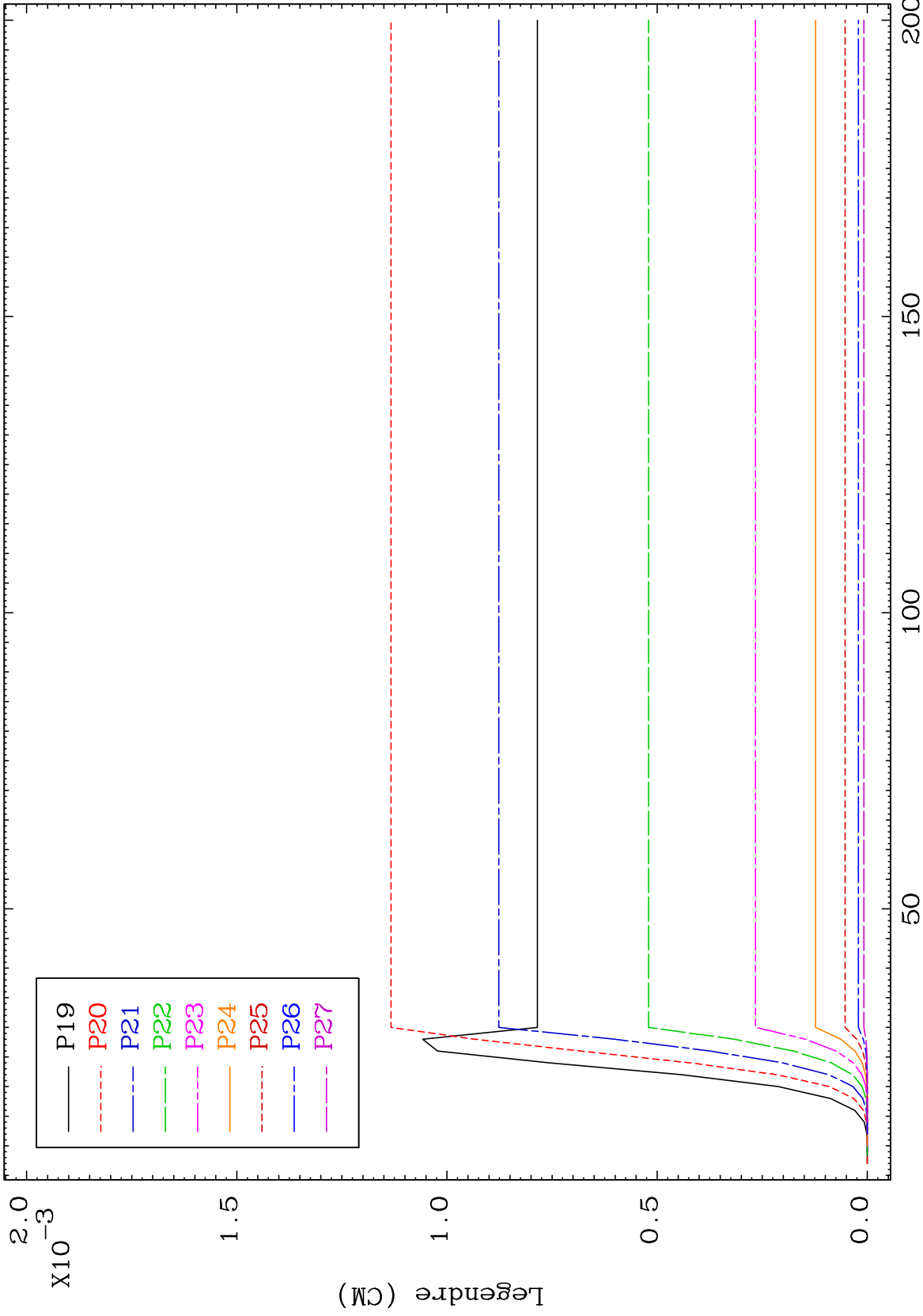
Incident Energy (MeV)

45

MAT 6010

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

60-Nd-137



46

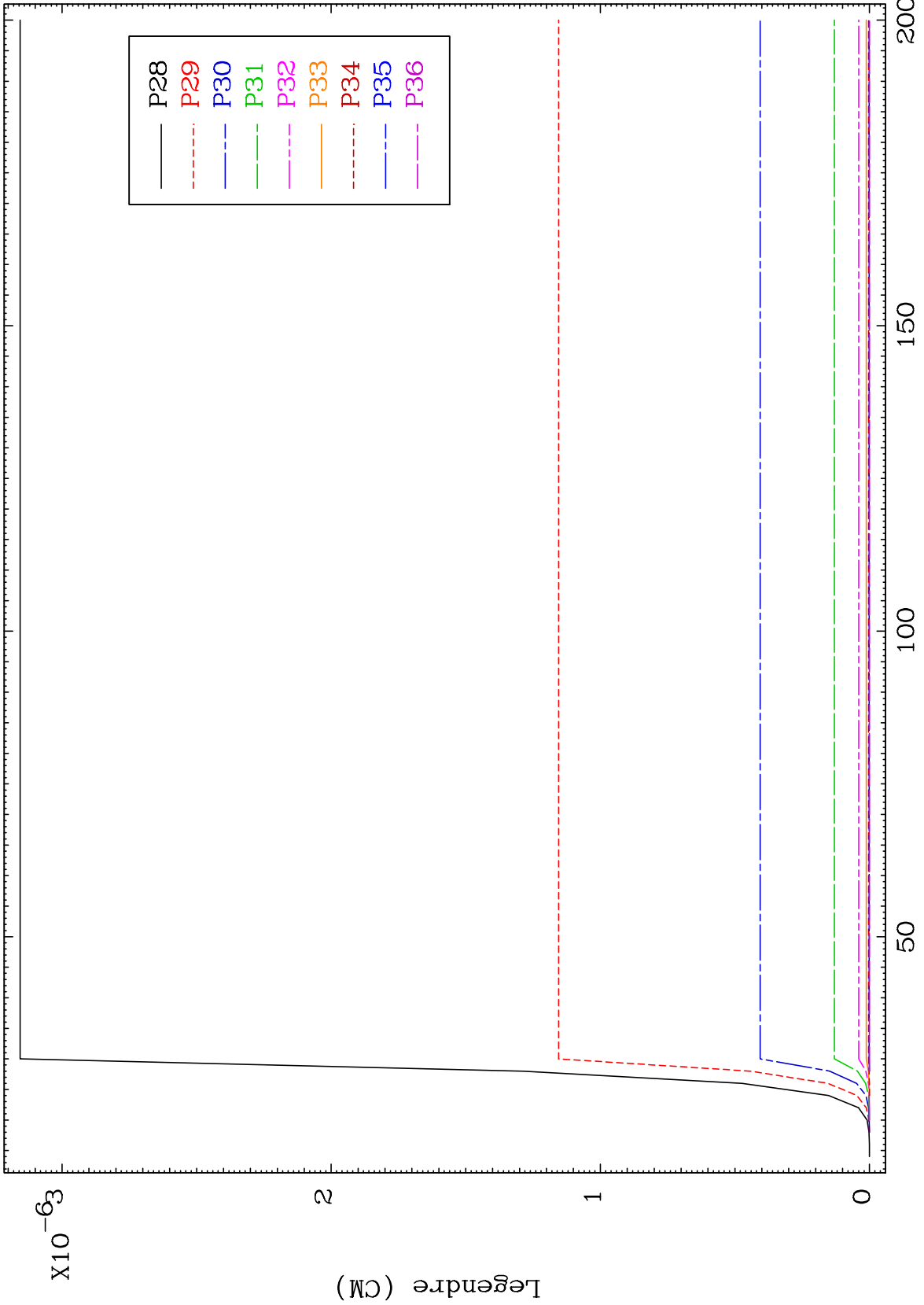
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137

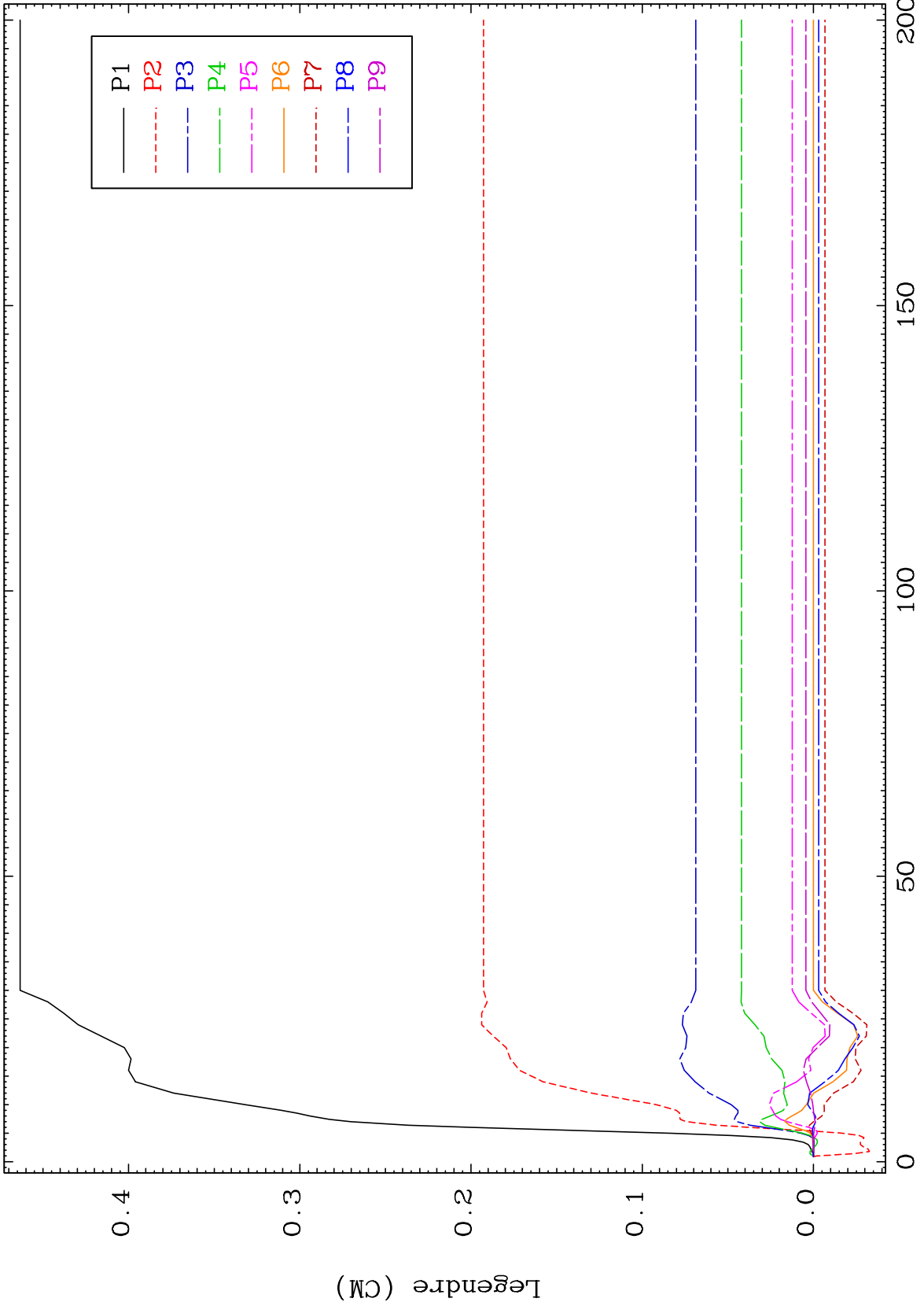


47

Incident Energy (MeV)

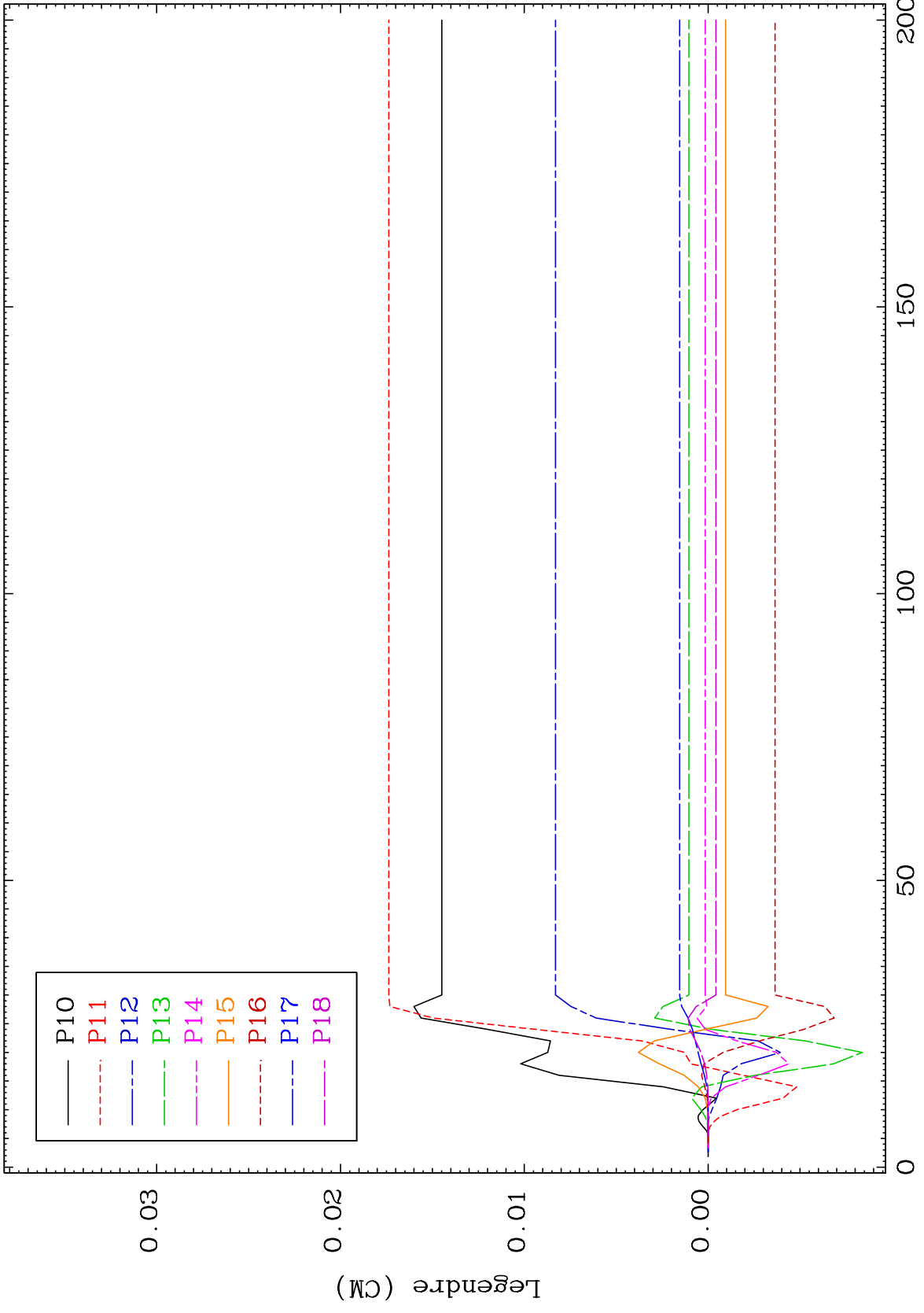
60-Nd-137

MAT 6010 MT= 58 (n,n') Level Legendre Coefficients 60-Nd-137



48 Incident Energy (MeV) 60-Nd-137

MAT 6010 MT= 58 (n,n') Level Legendre Coefficients 60-Nd-137

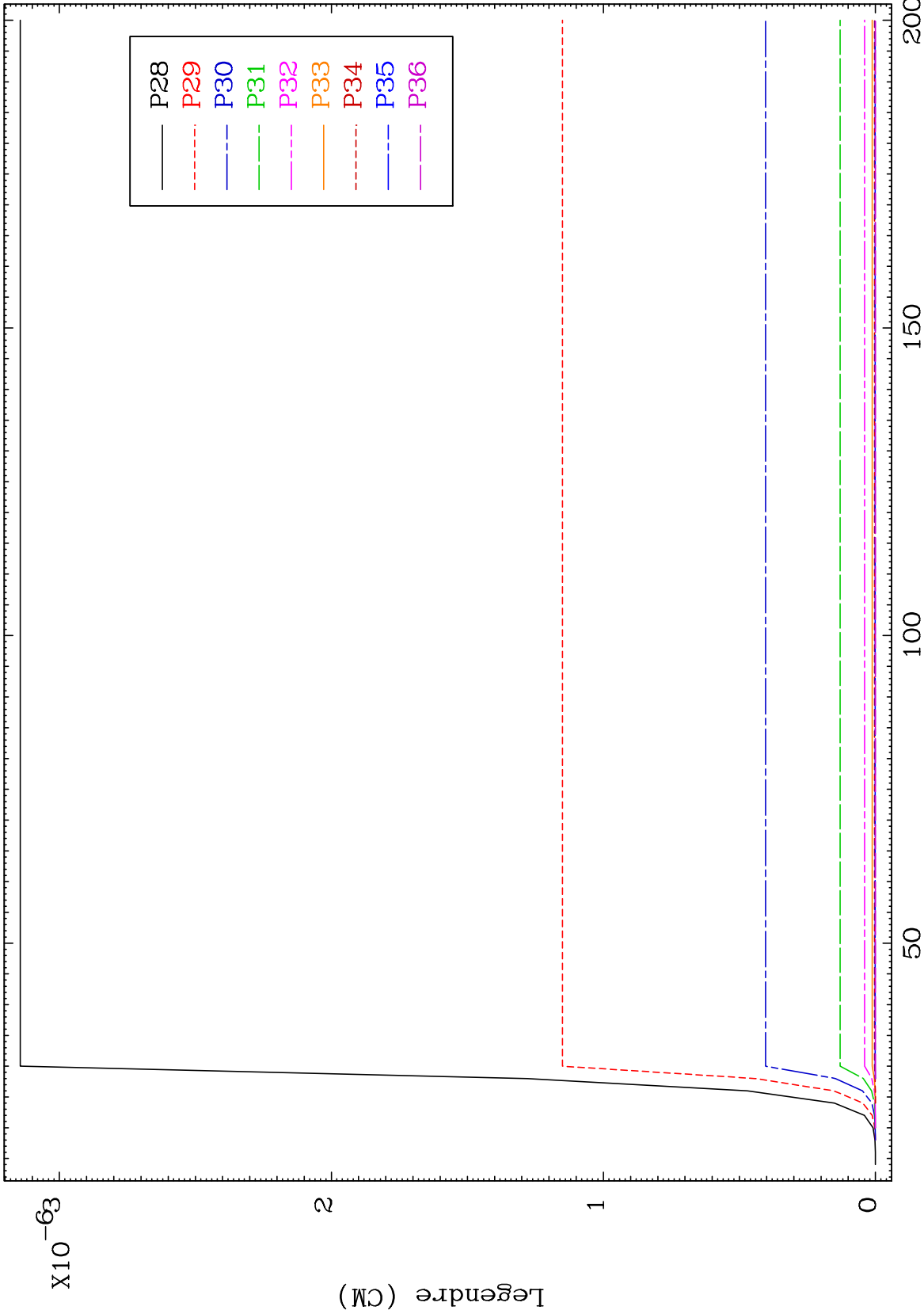


49 60-Nd-137

MAT 6010

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

60-Nd-137

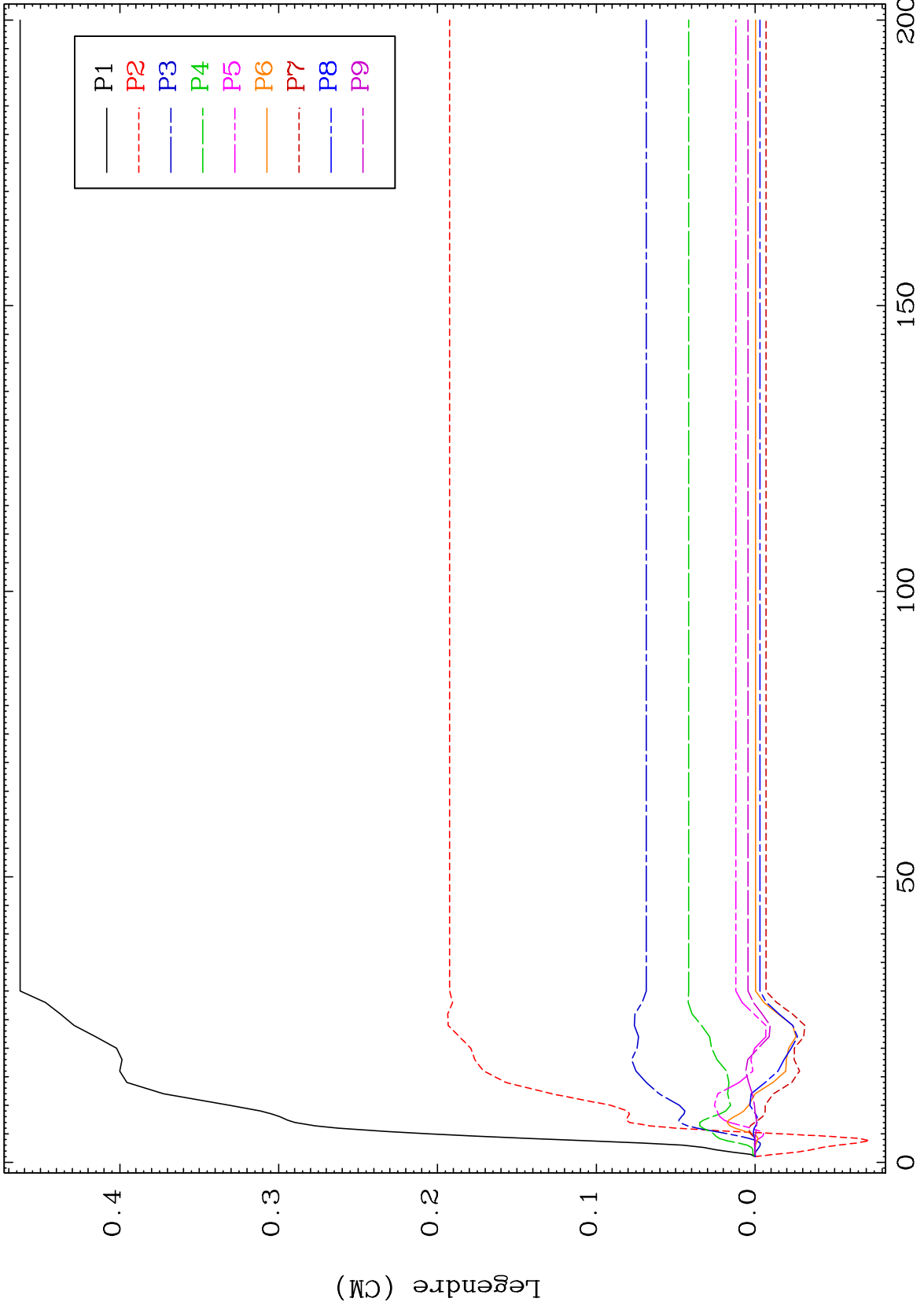


51

Incident Energy (MeV)

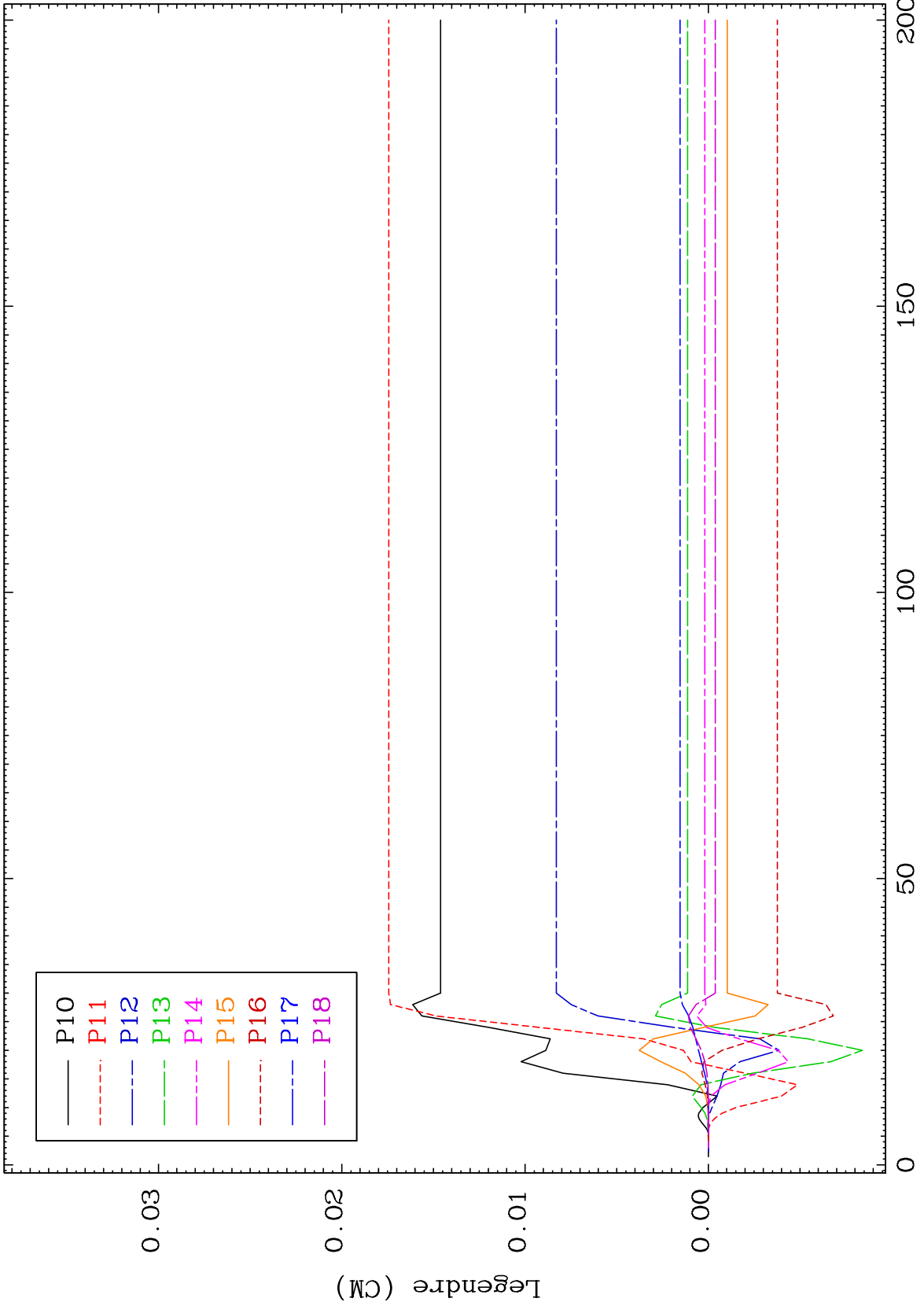
60-Nd-137

MAT 6010 MT= 59 (n,n') Level Legendre Coefficients 60-Nd-137



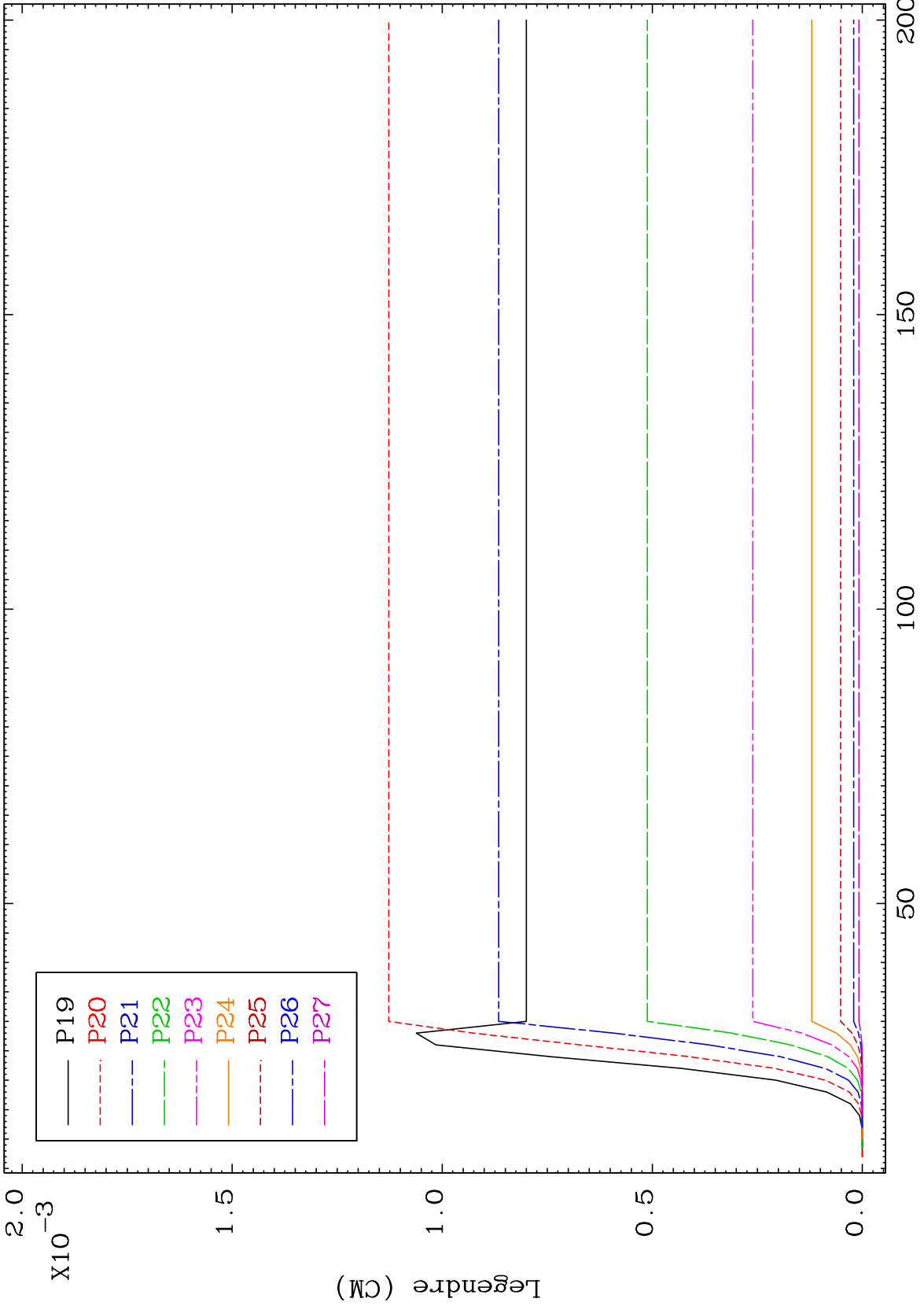
52 Incident Energy (MeV) 60-Nd-137

MAT 6010 MT= 59 (n,n') Level Legendre Coefficients 60-Nd-137



53 Incident Energy (MeV) 60-Nd-137

MAT 6010 MT= 59 (n,n') Level Legendre Coefficients 60-Nd-137

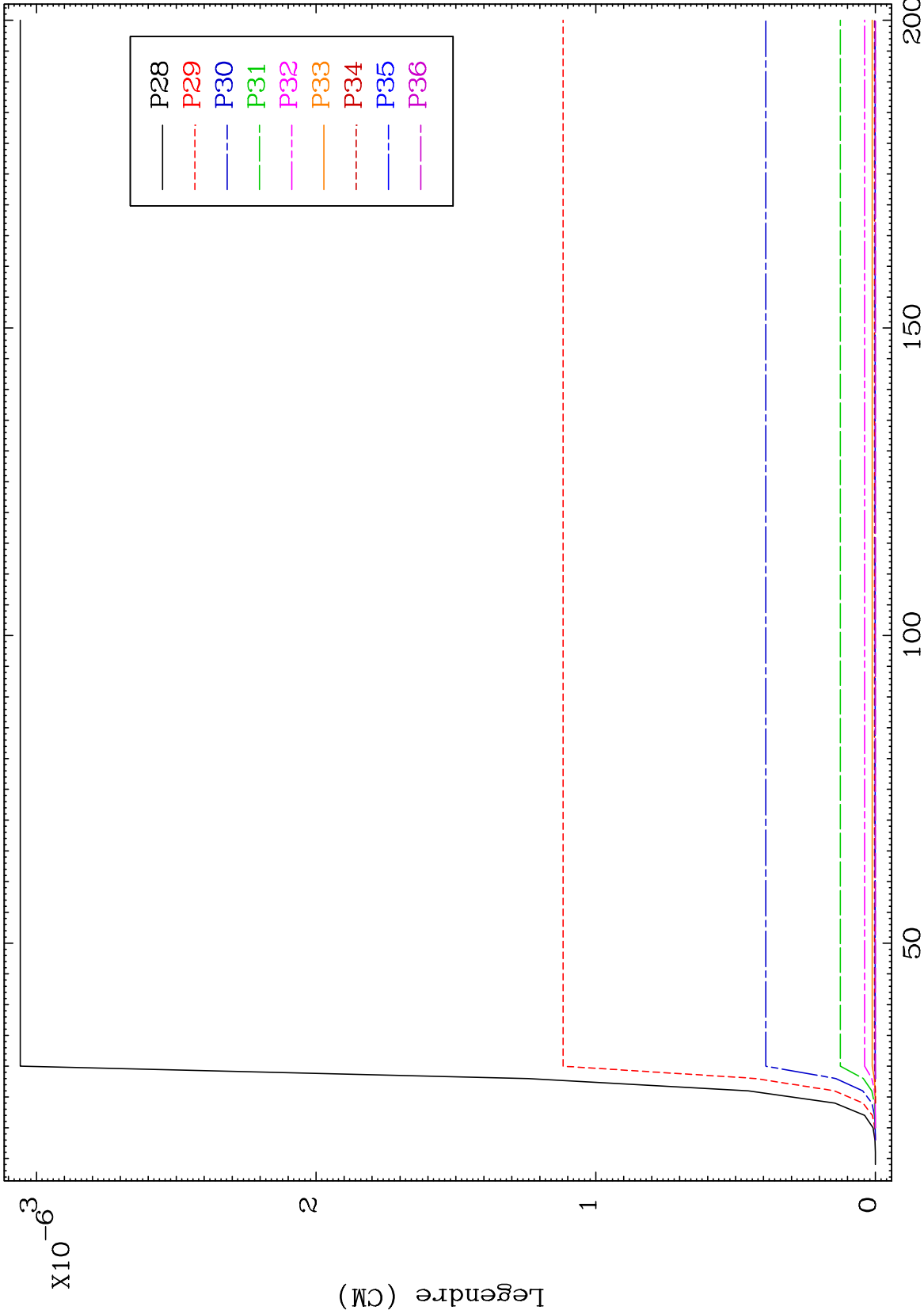


54 Incident Energy (MeV) 60-Nd-137

MAT 6010

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

60-Nd-137

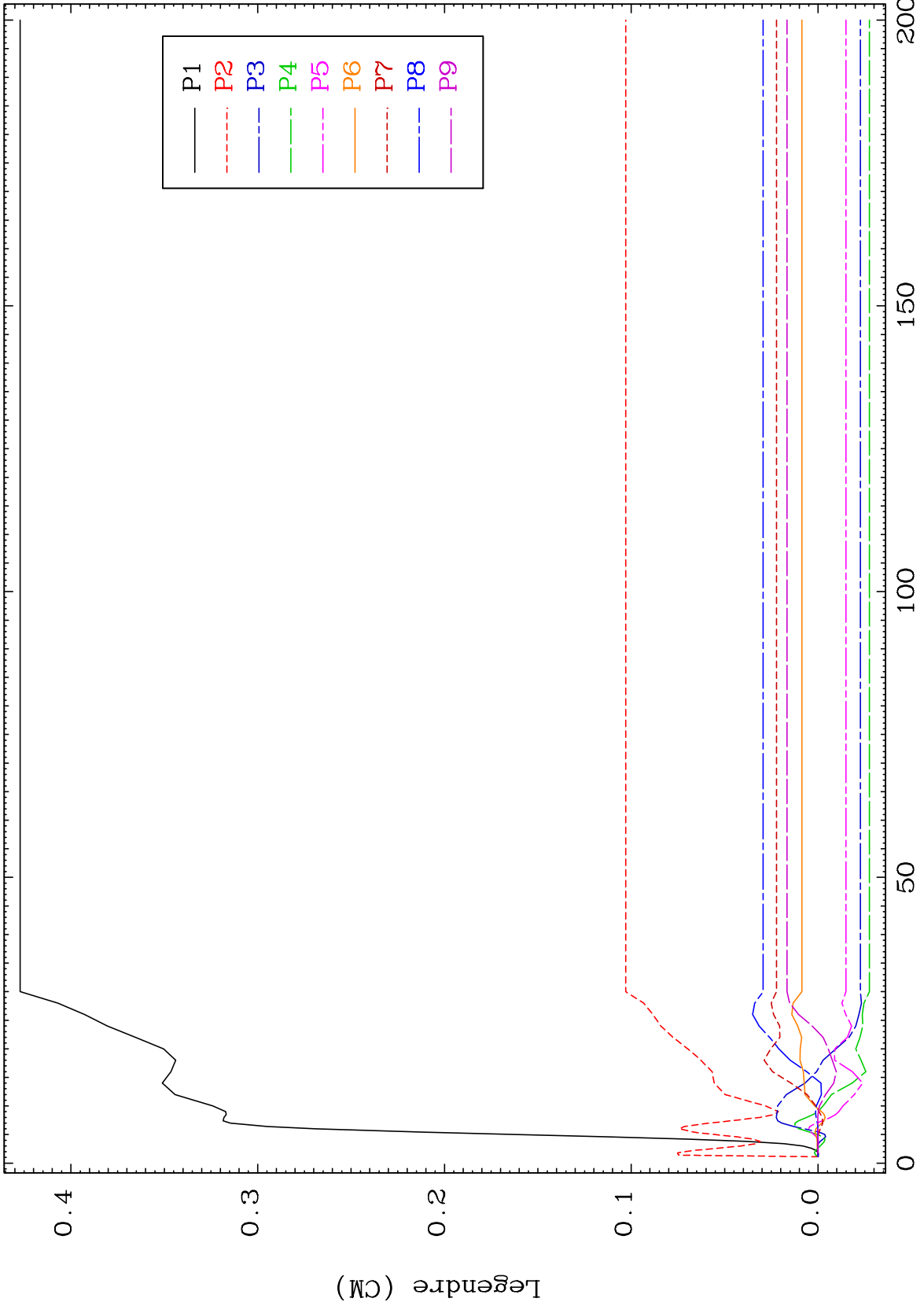


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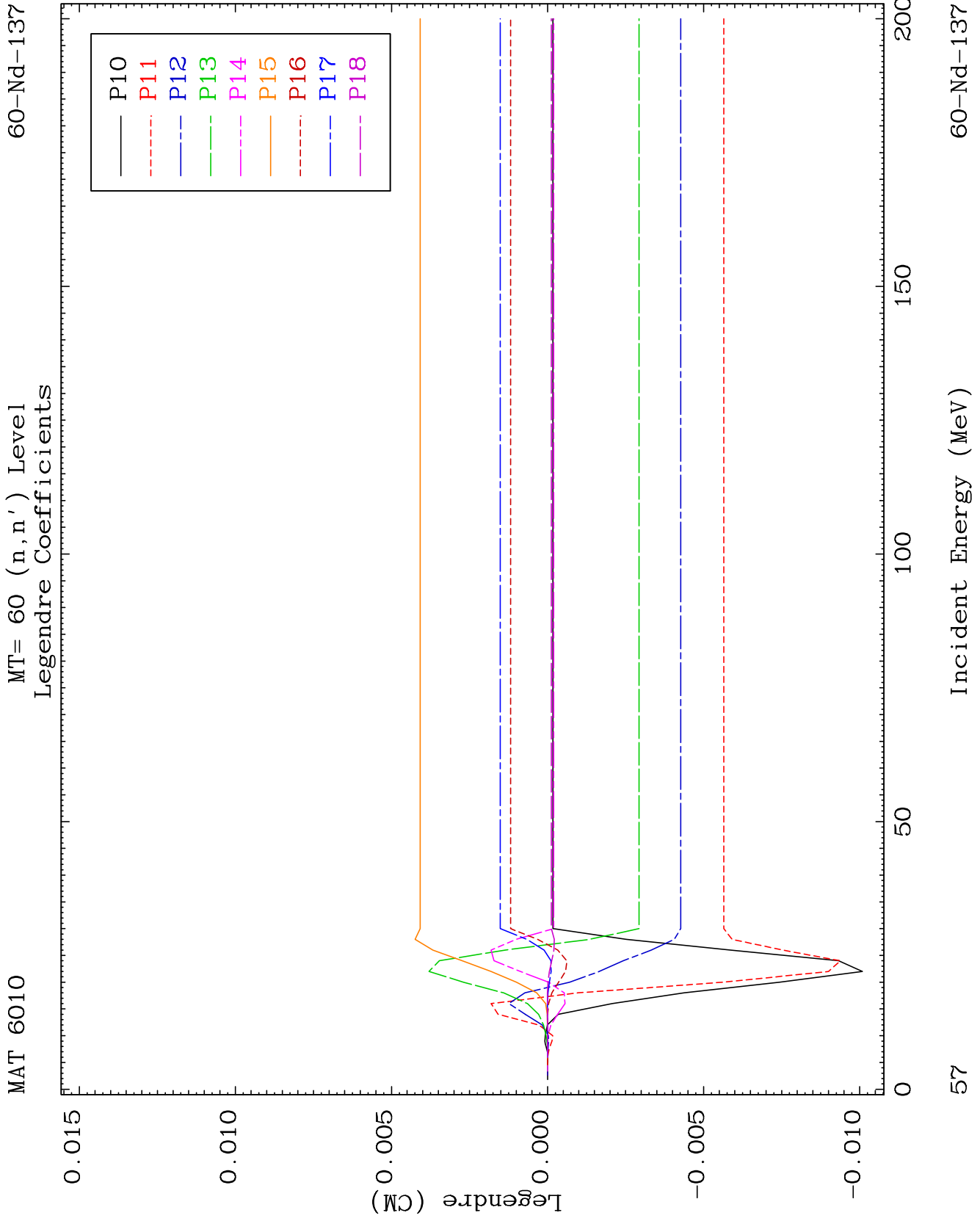
Incident Energy (MeV)

60-Nd-137

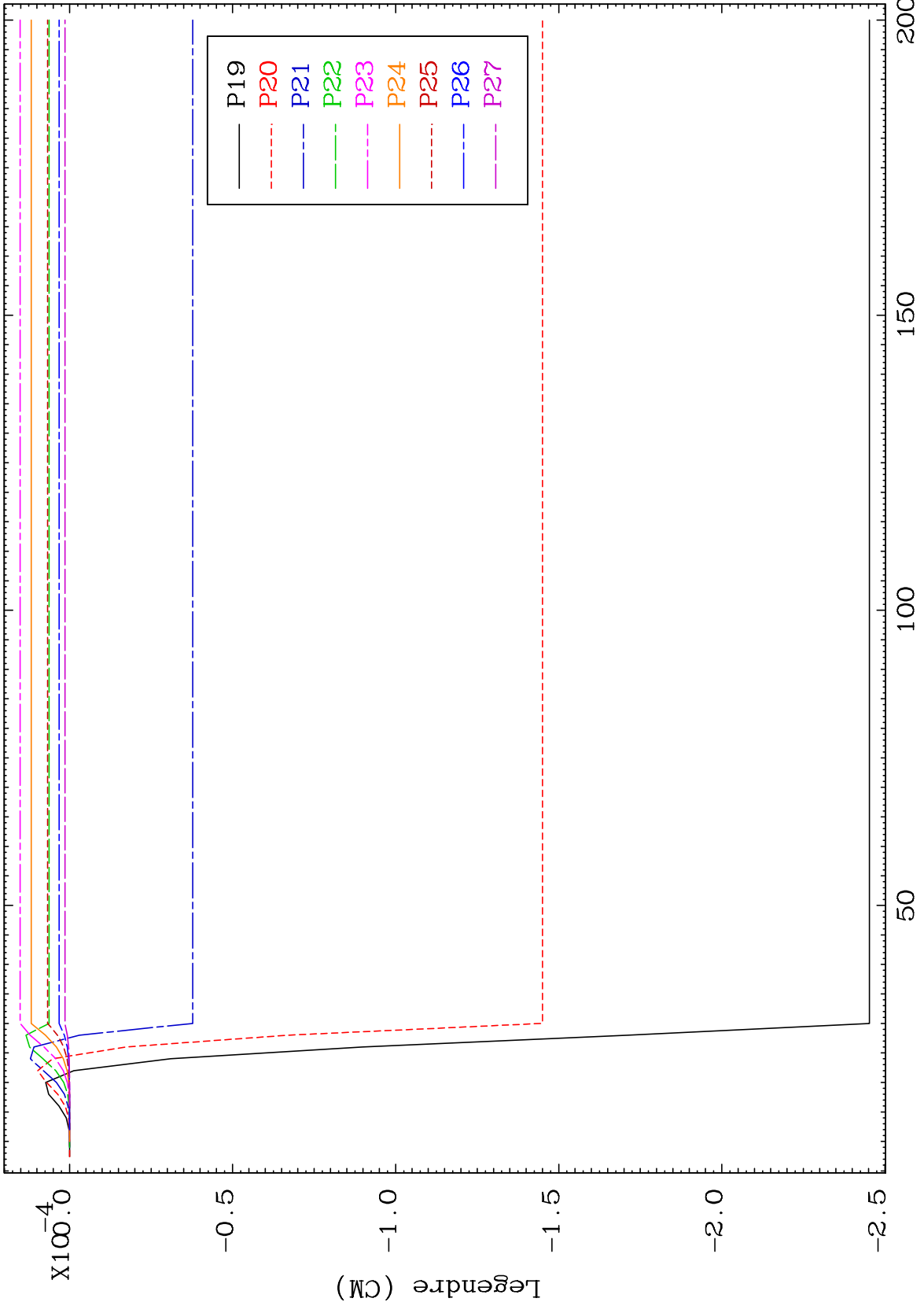
MAT 6010 MT= 60 (n,n') Level Legendre Coefficients 60-Nd-137



56 60-Nd-137

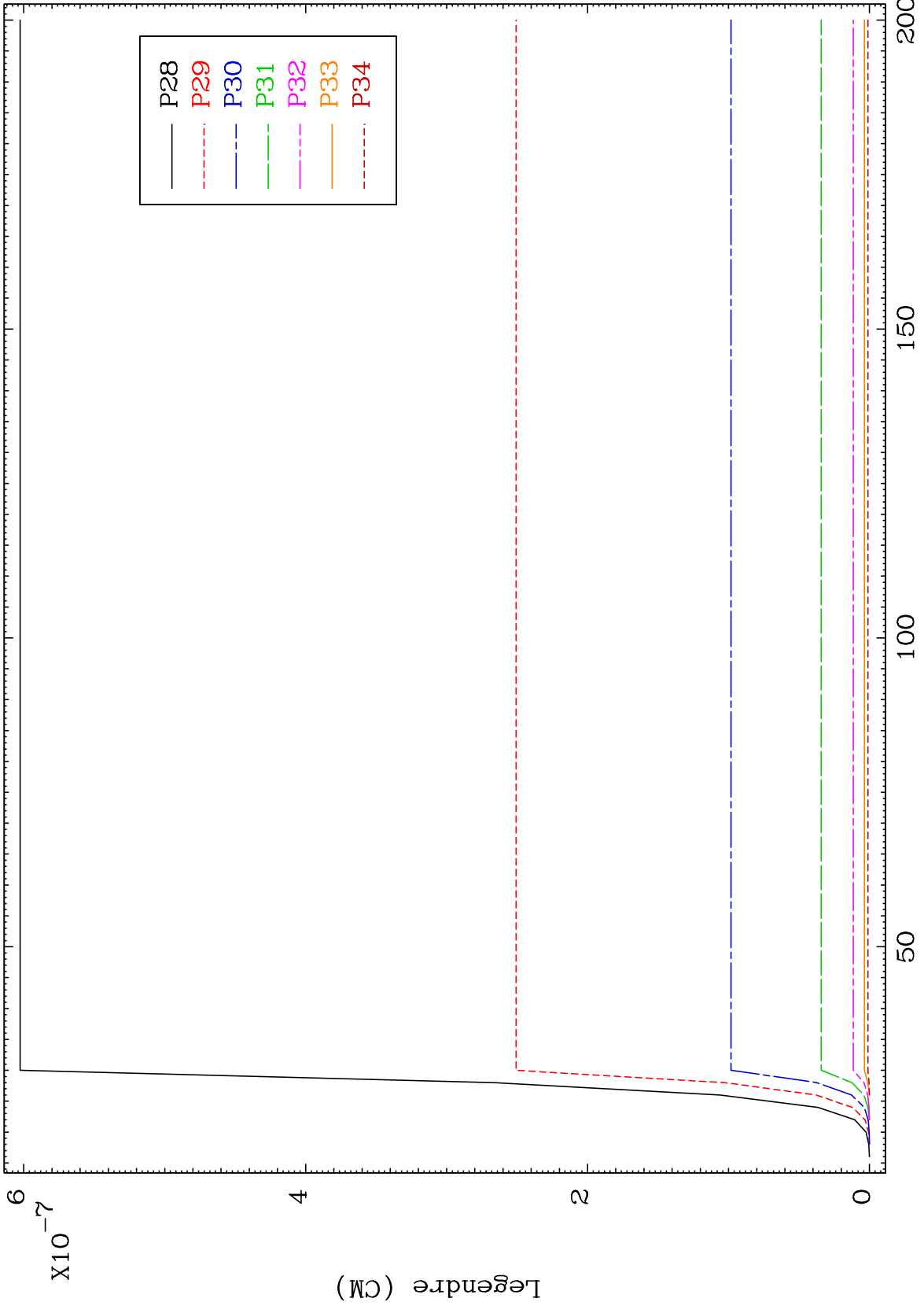


MAT 6010 MT= 60 (n,n') Level Legendre Coefficients 60-Nd-137



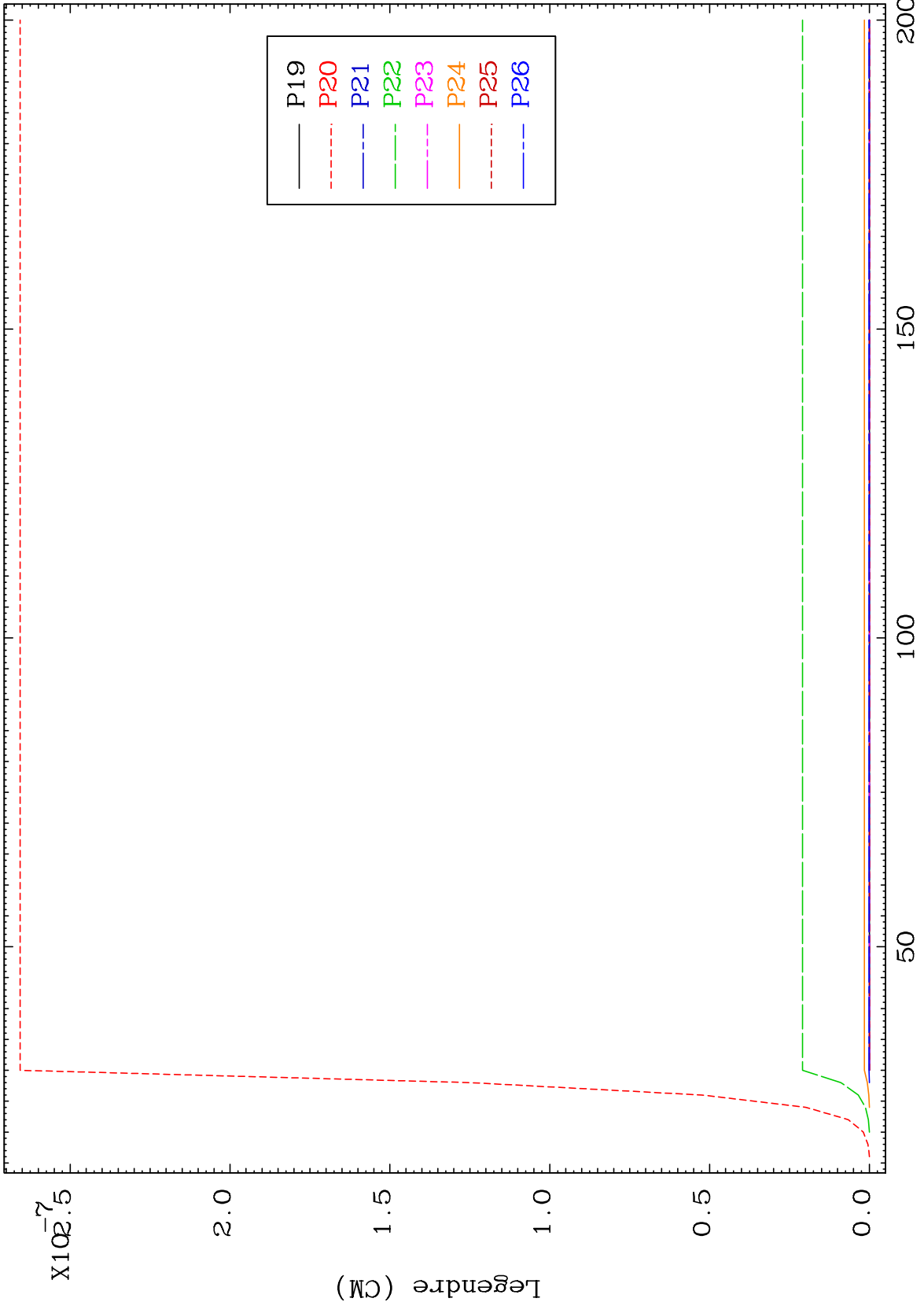
58 Incident Energy (MeV) 60-Nd-137

MAT 6010 MT= 60 (n,n') Level Legendre Coefficients 60-Nd-137



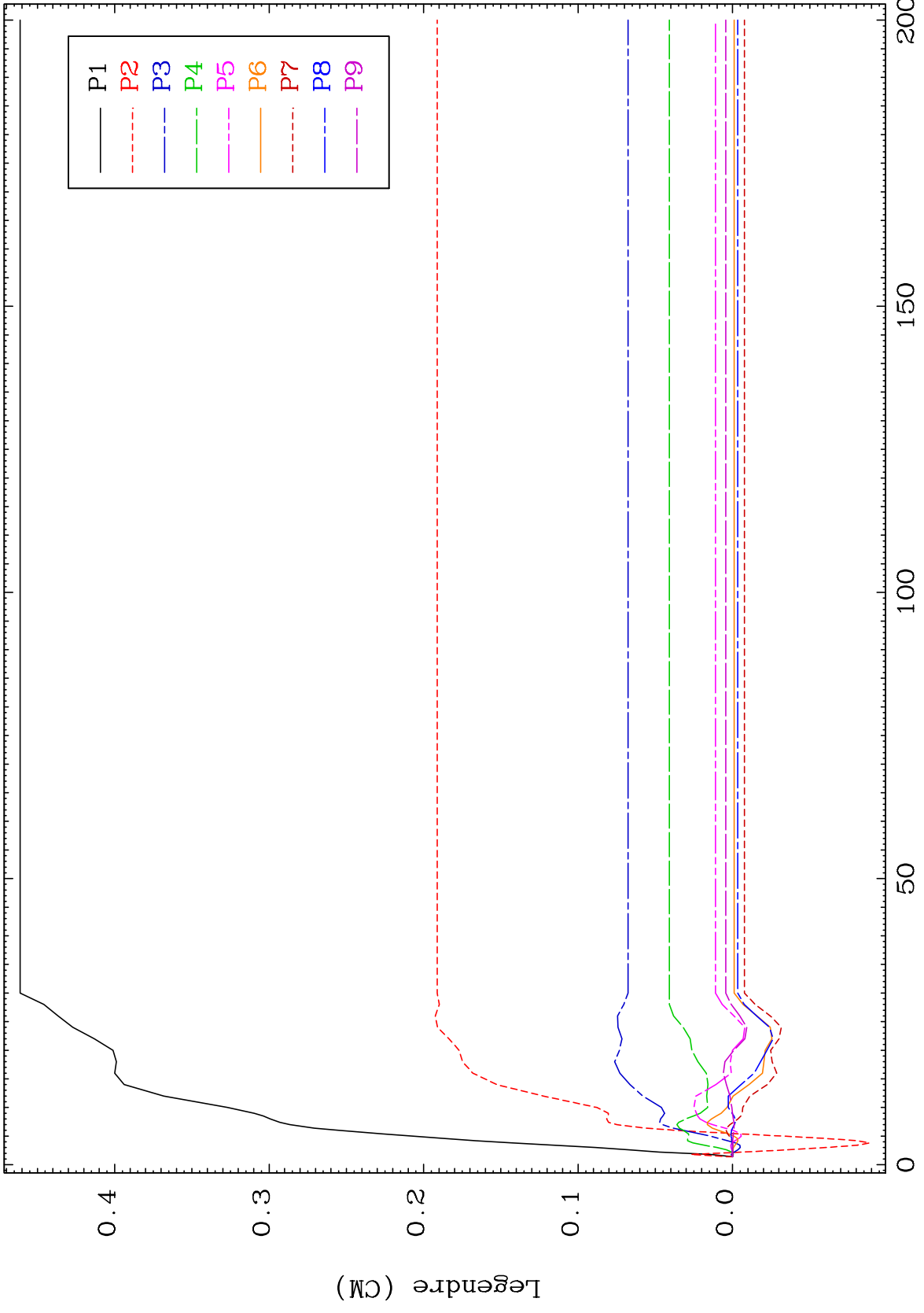
59 Incident Energy (MeV) 60-Nd-137

MAT 6010 MT= 61 (n,n') Level Legendre Coefficients 60-Nd-137



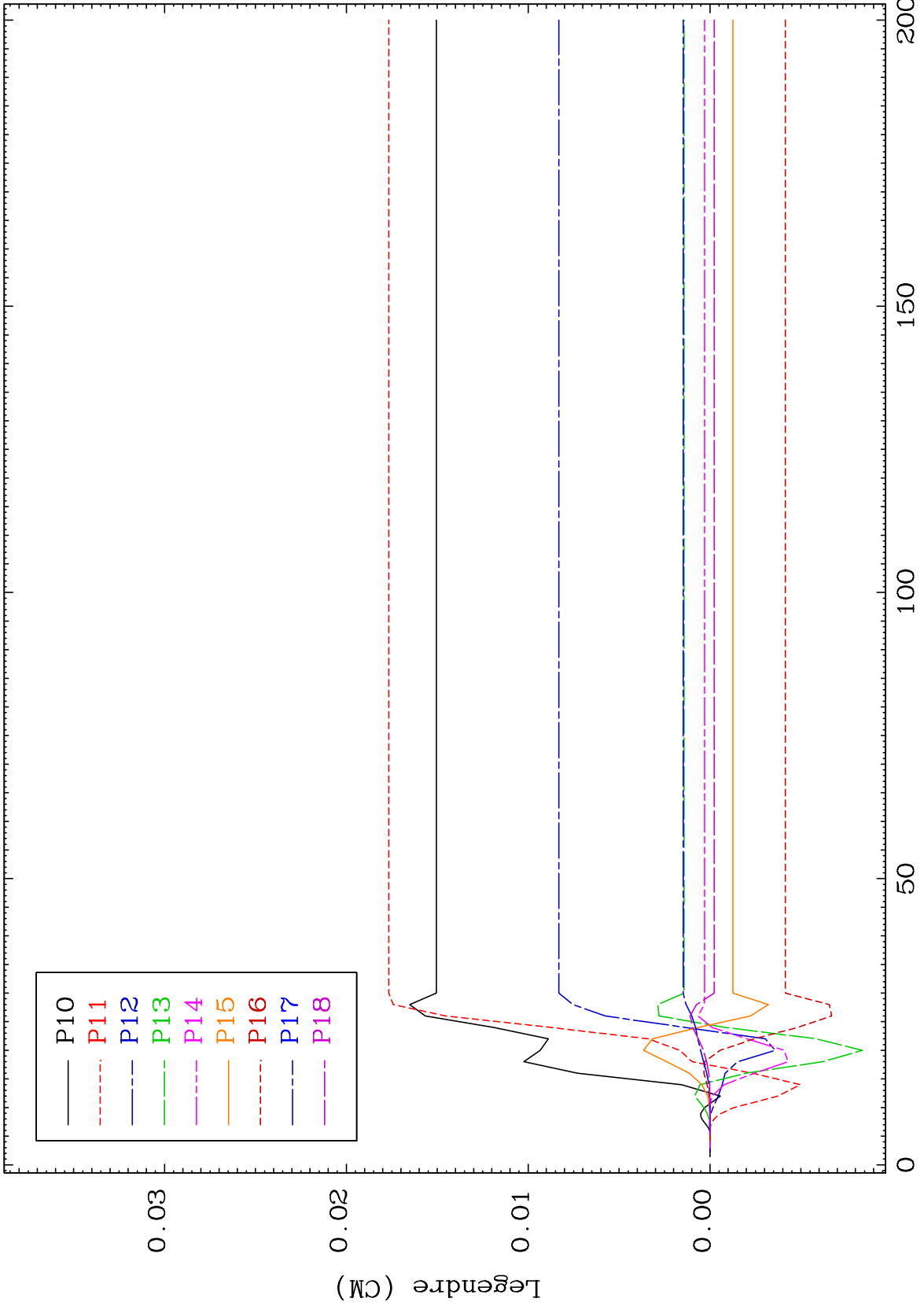
60-Nd-137

MAT 6010 MT= 62 (n,n') Level Legendre Coefficients 60-Nd-137



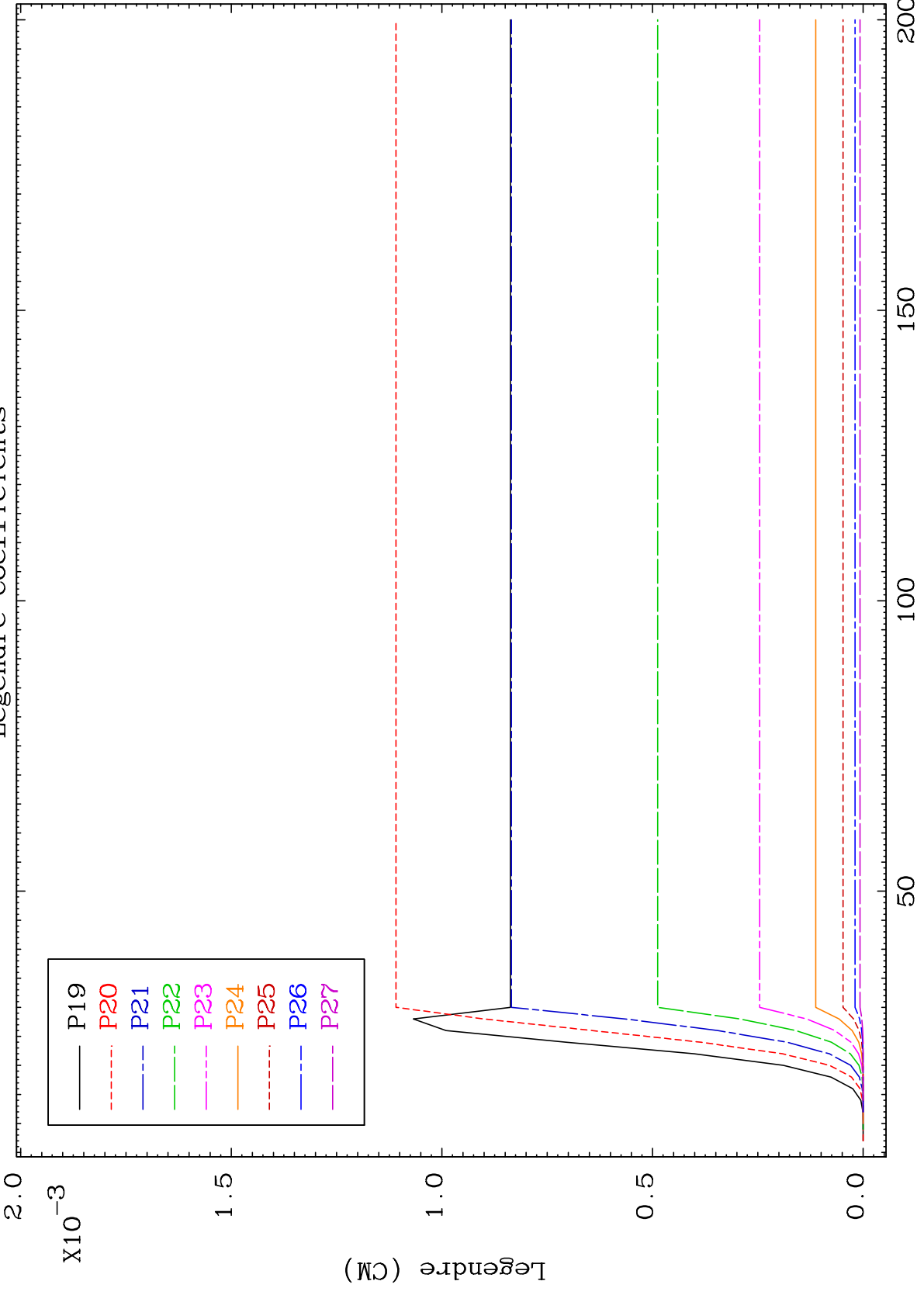
63 Incident Energy (MeV) 60-Nd-137

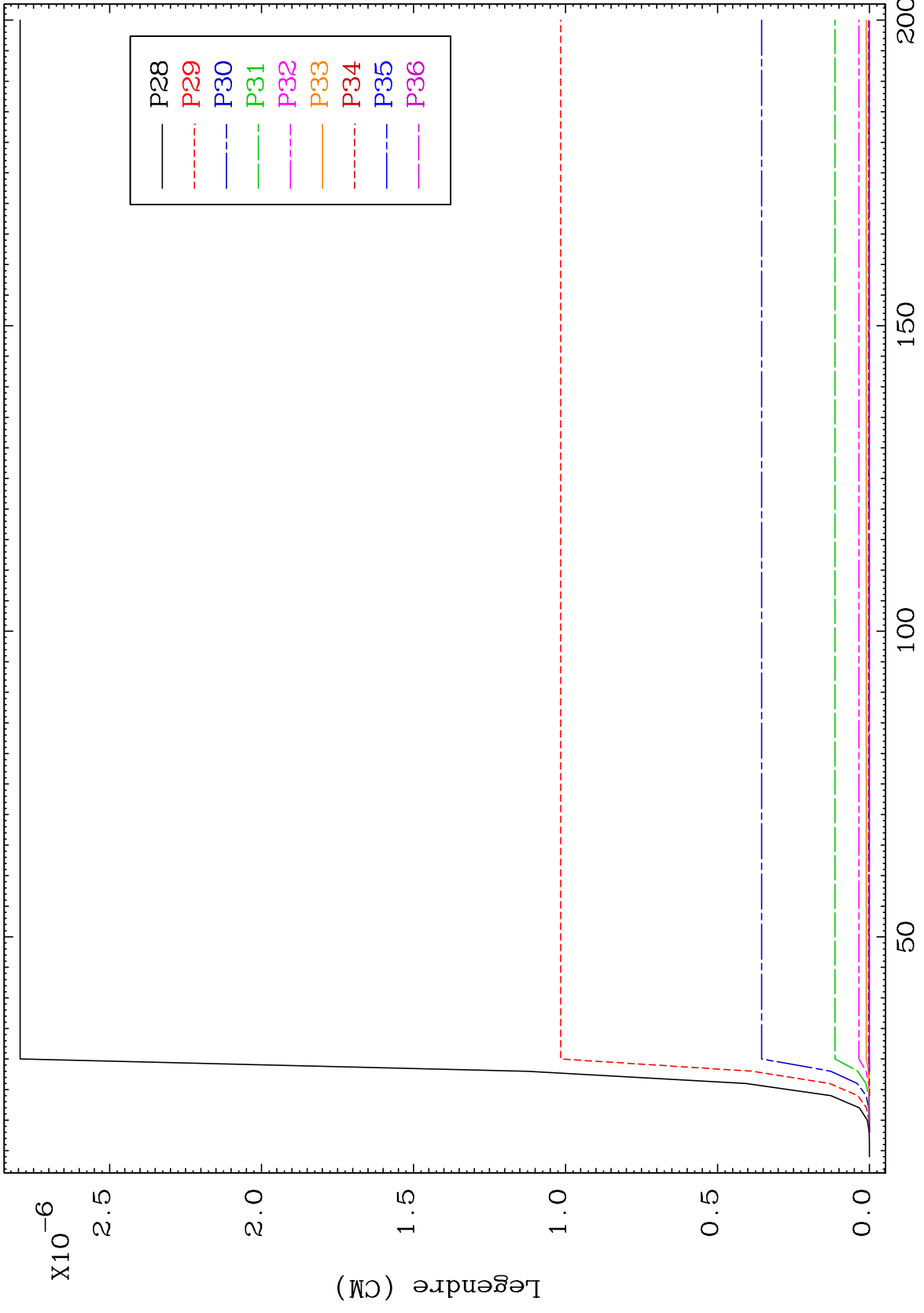
MAT 6010 MT= 62 (n,n') Level Legendre Coefficients 60-Nd-137



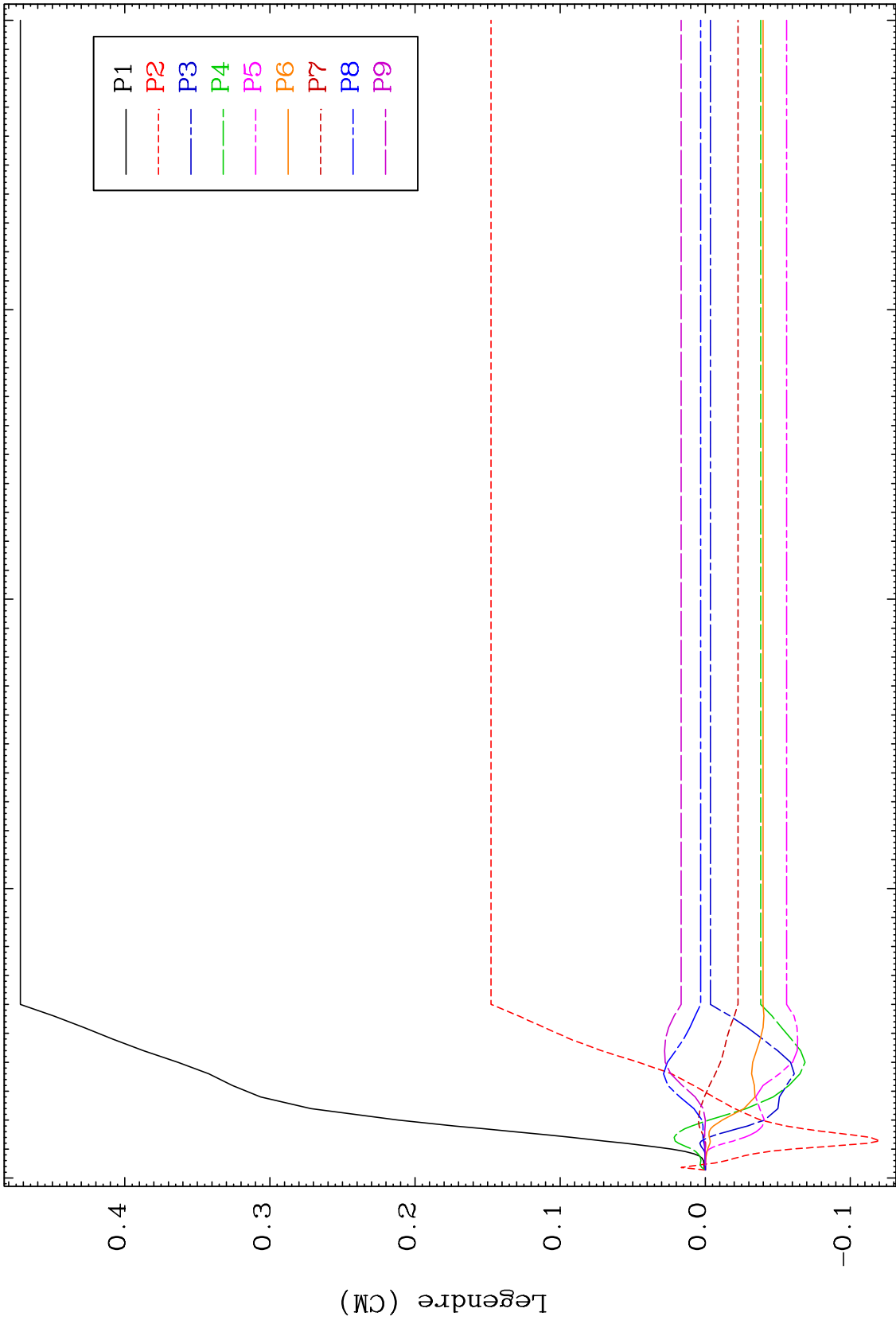
64 Incident Energy (MeV) 60-Nd-137

MAT 6010 MT= 62 (n,n') Level Legendre Coefficients 60-Nd-137



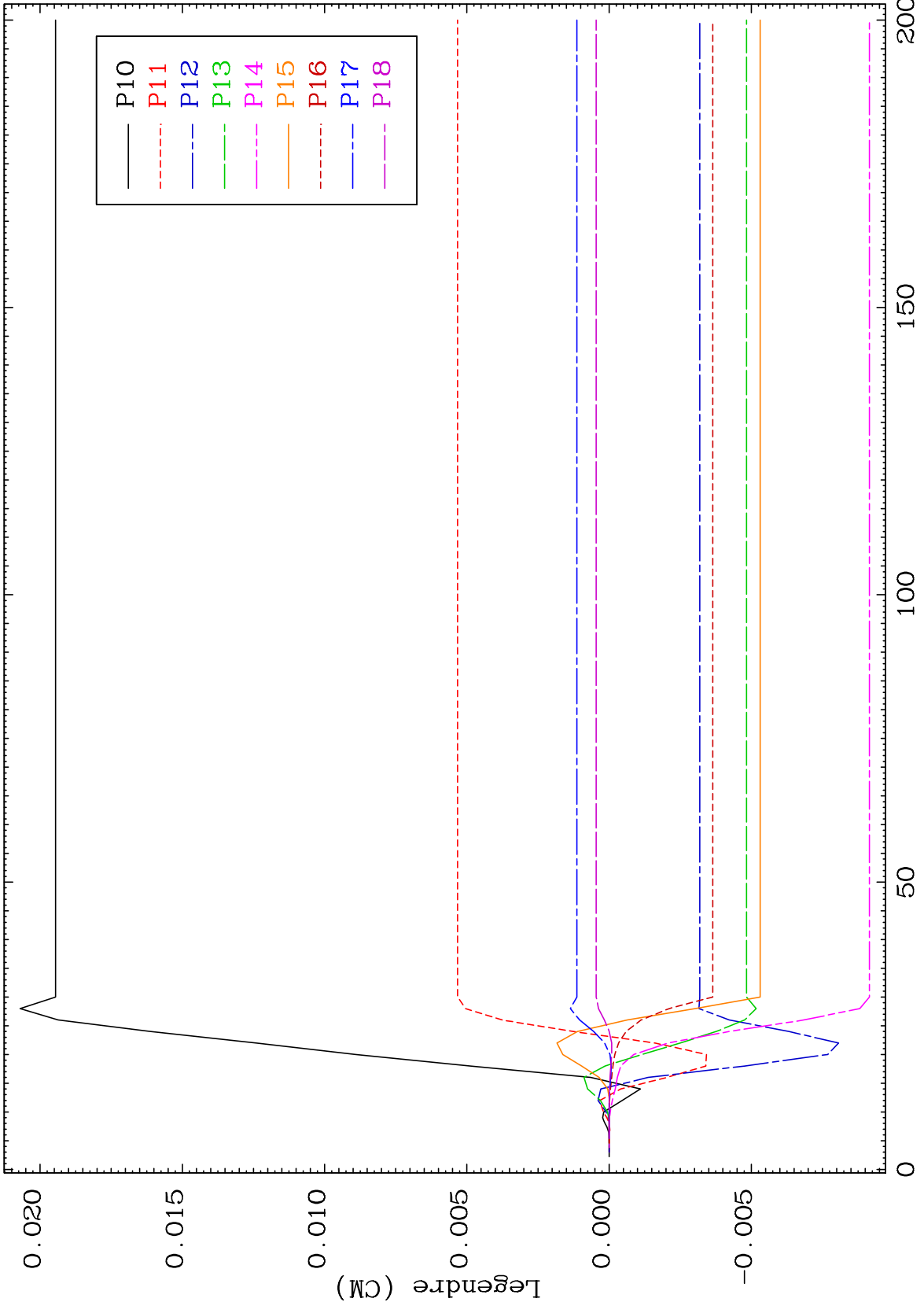


MAT 6010 MT= 63 (n,n') Level Legendre Coefficients 60-Nd-137



67 Incident Energy (MeV) 60-Nd-137

MAT 6010 MT= 63 (n,n') Level Legendre Coefficients 60-Nd-137

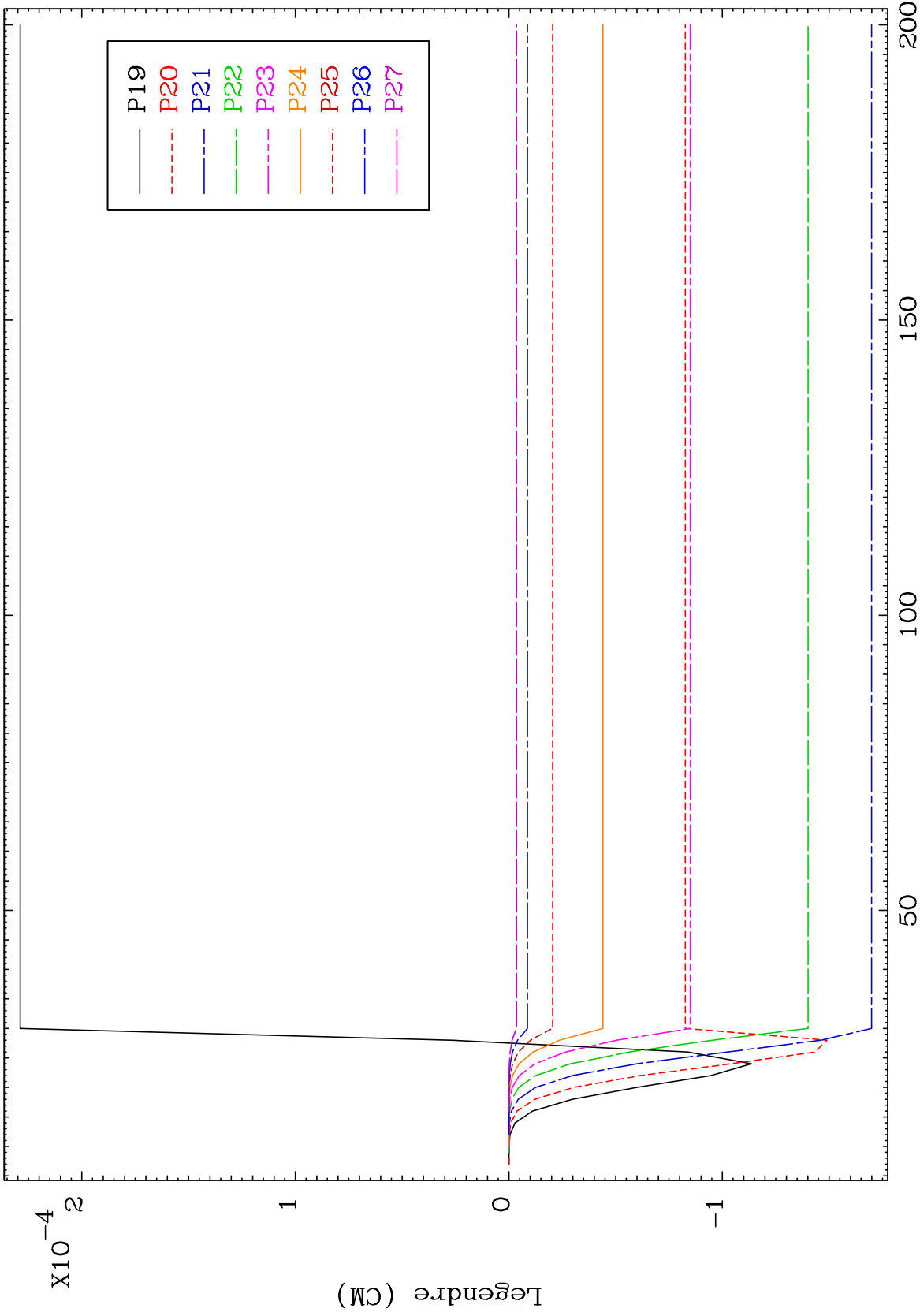


68 60-Nd-137

MAT 6010

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

60-Nd-137



69

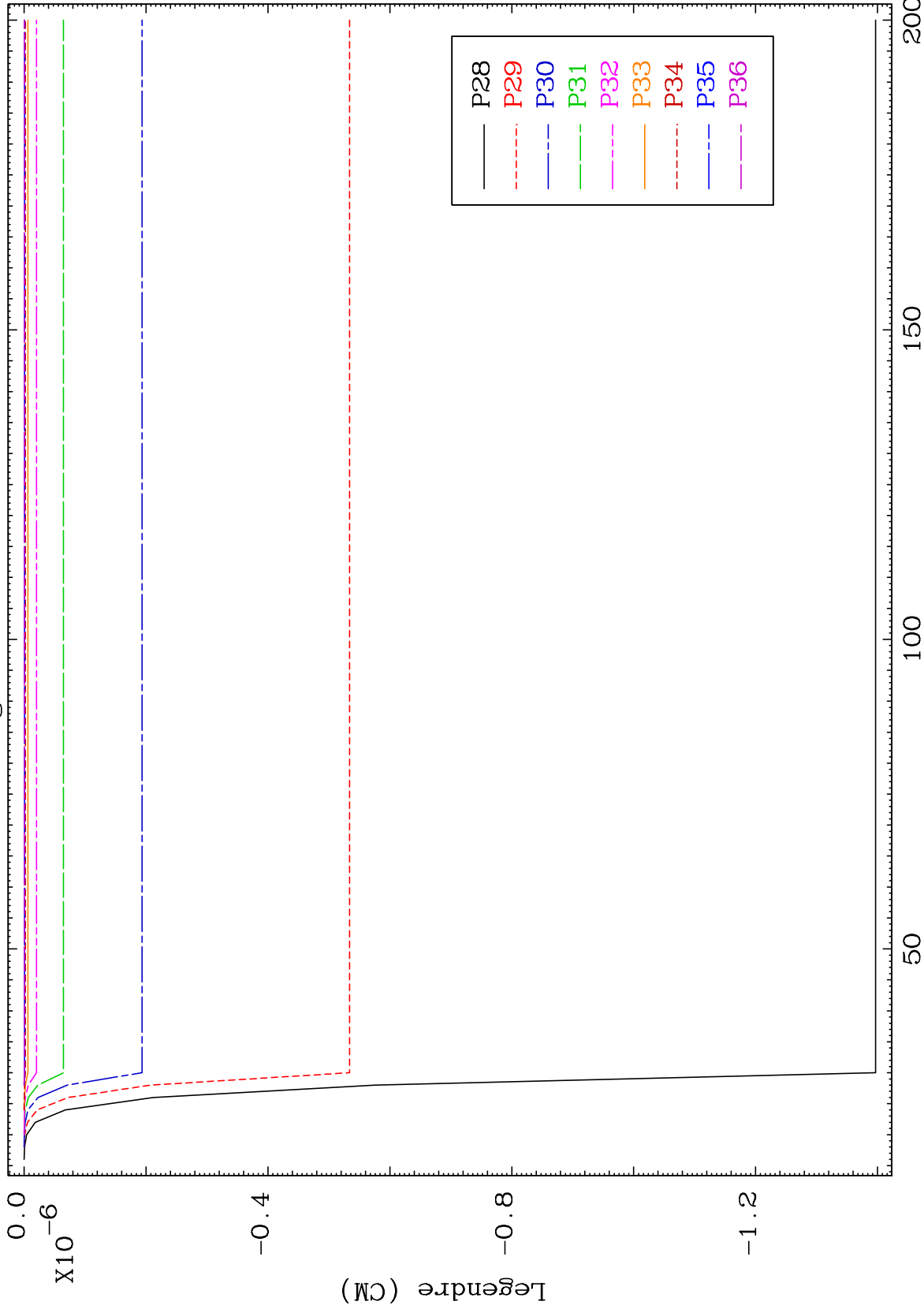
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137

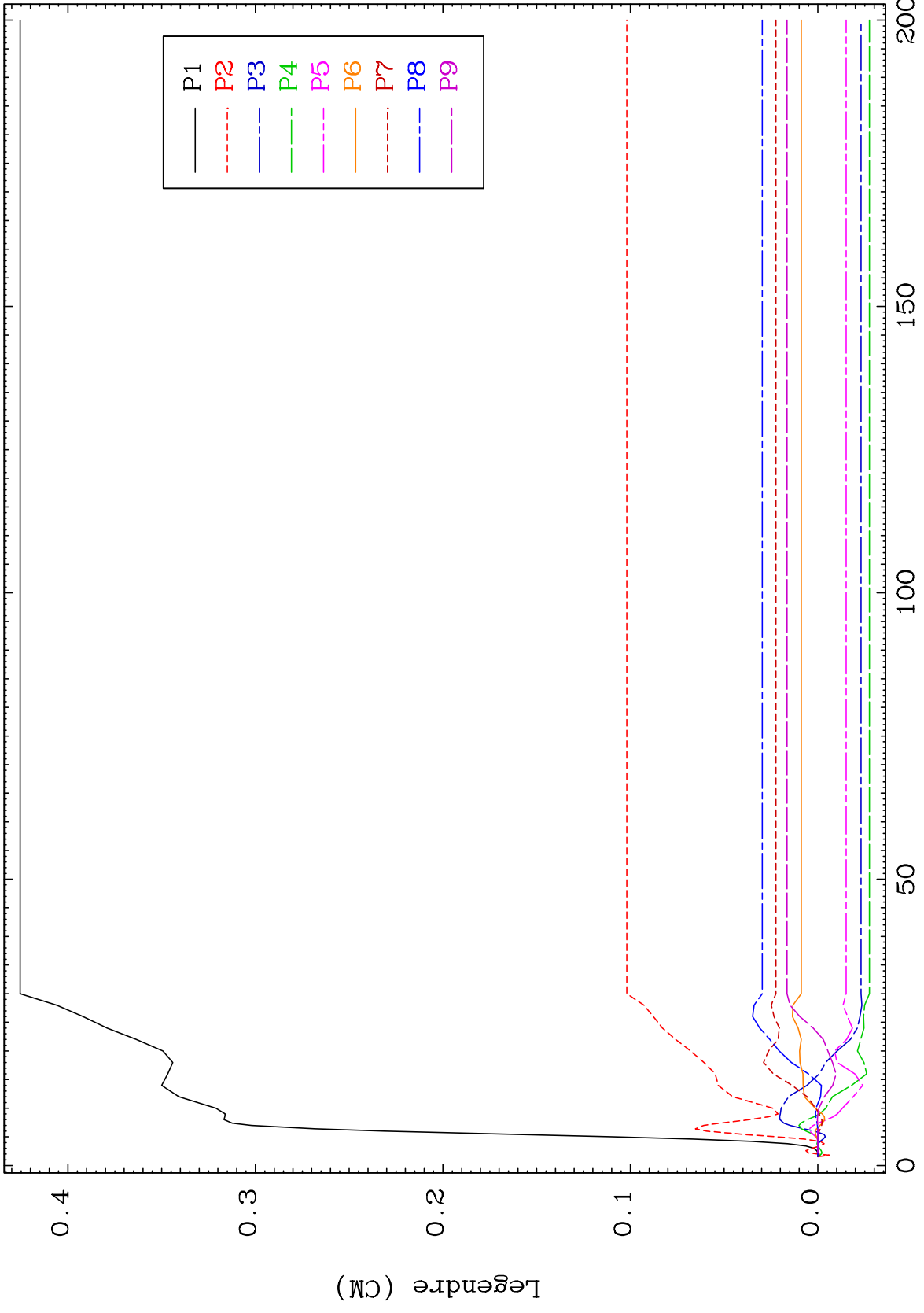


60-Nd-137

Incident Energy (MeV)

70

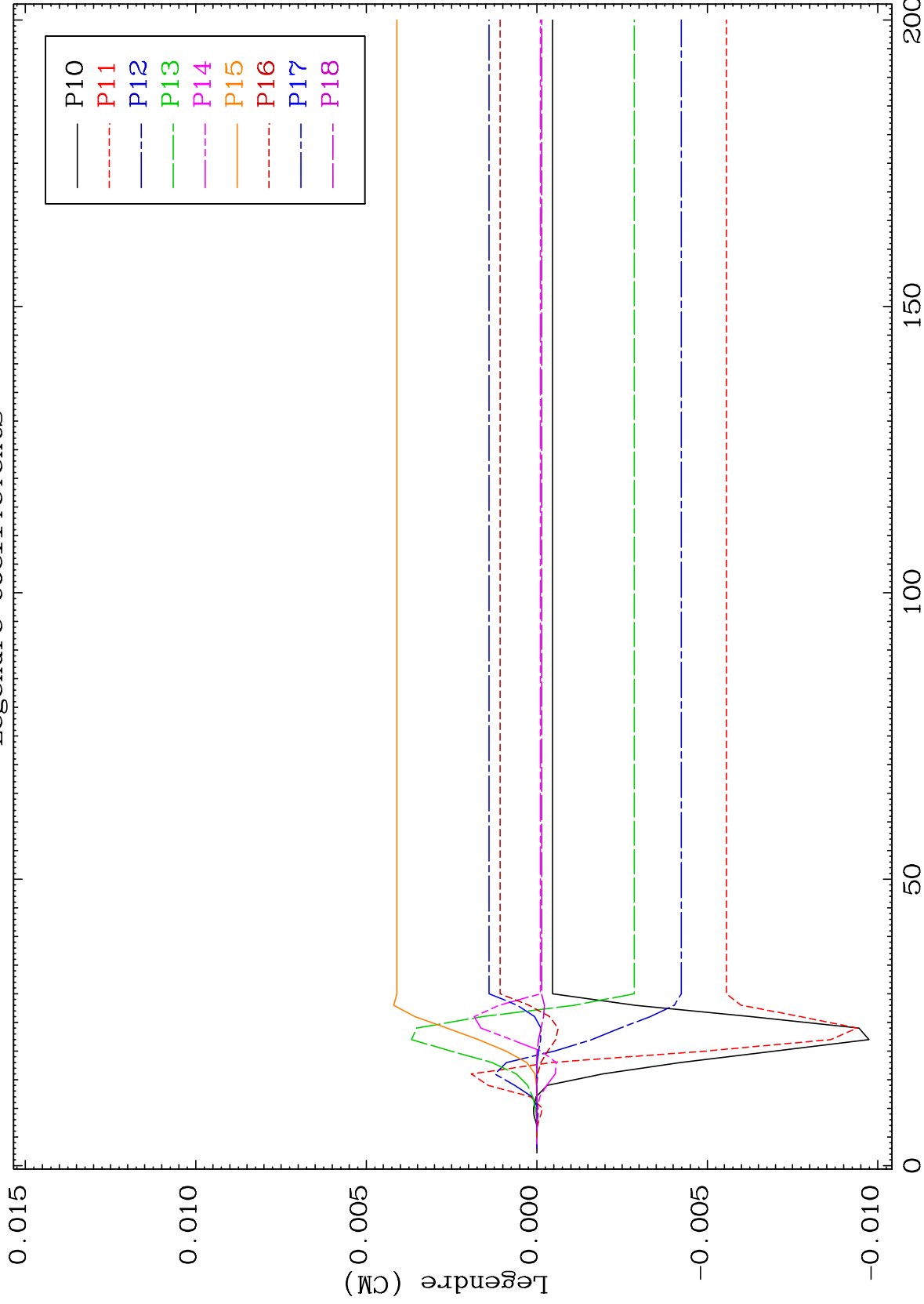
MAT 6010 MT= 64 (n,n') Level Legendre Coefficients 60-Nd-137



71 60-Nd-137

MAT 6010 MT= 64 (n,n') Level Legendre Coefficients

60-Nd-137



60-Nd-137

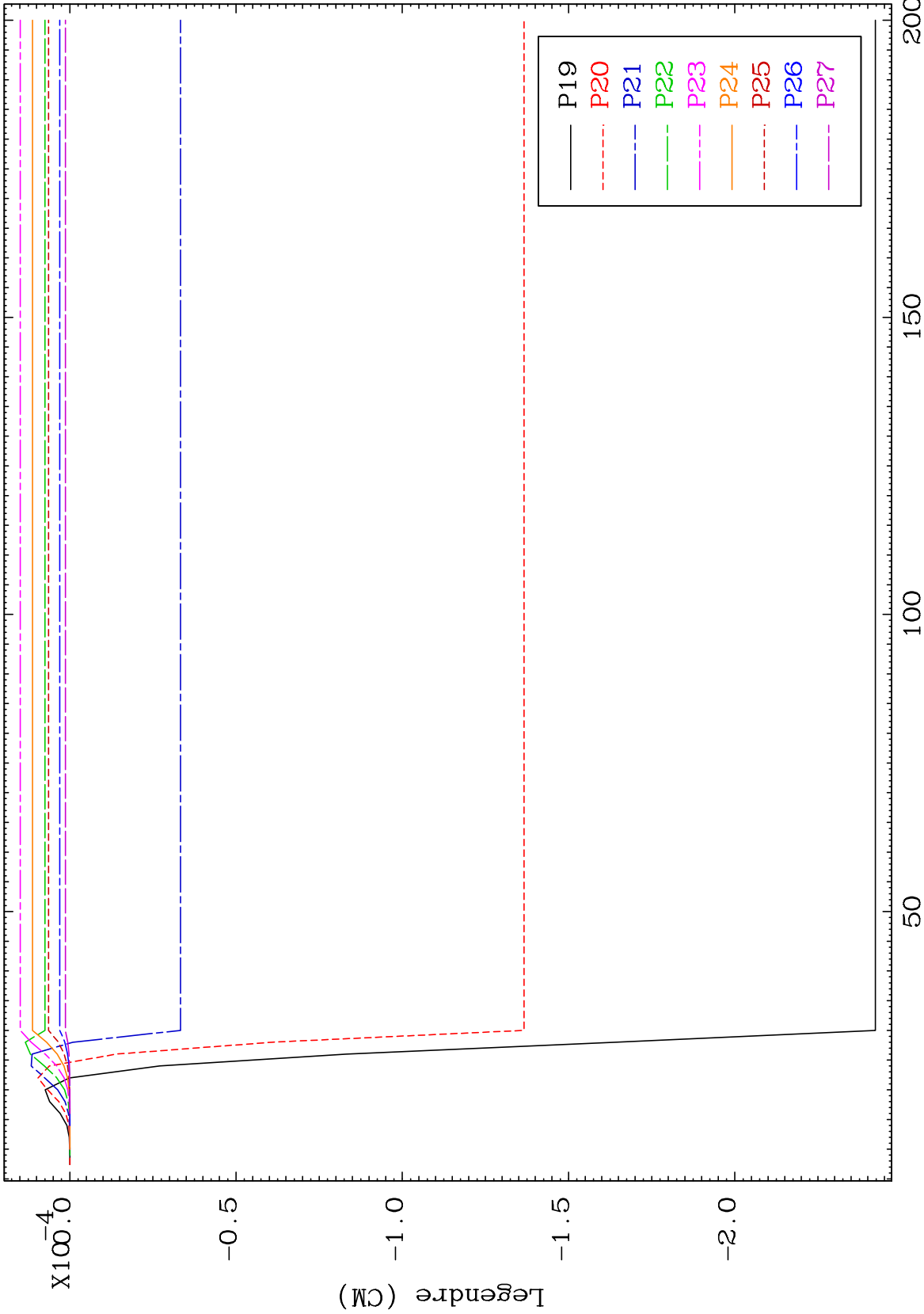
Incident Energy (MeV)

72

MAT 6010

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

60-Nd-137



60-Nd-137

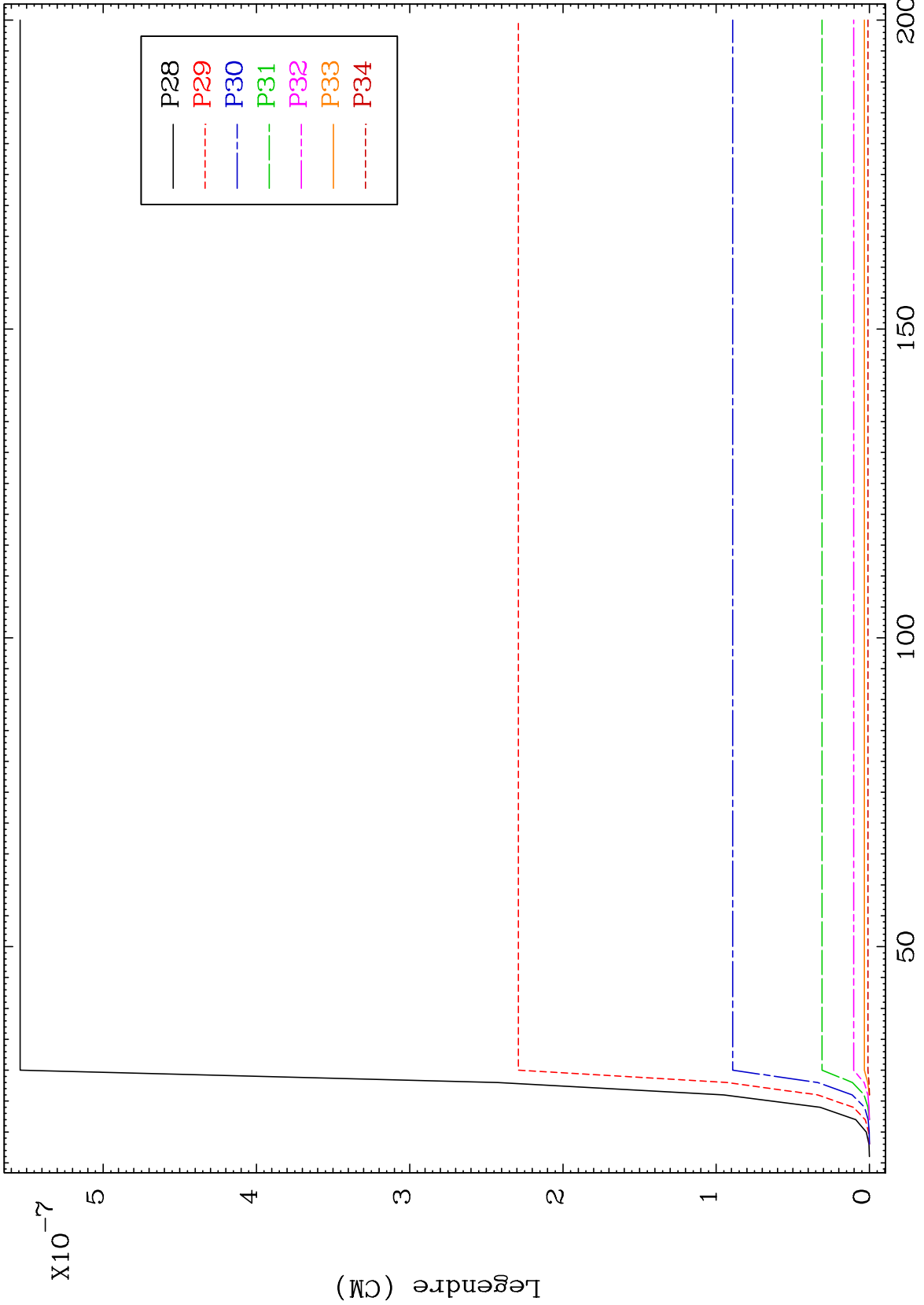
Incident Energy (MeV)

73

MAT 6010

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

60-Nd-137



74

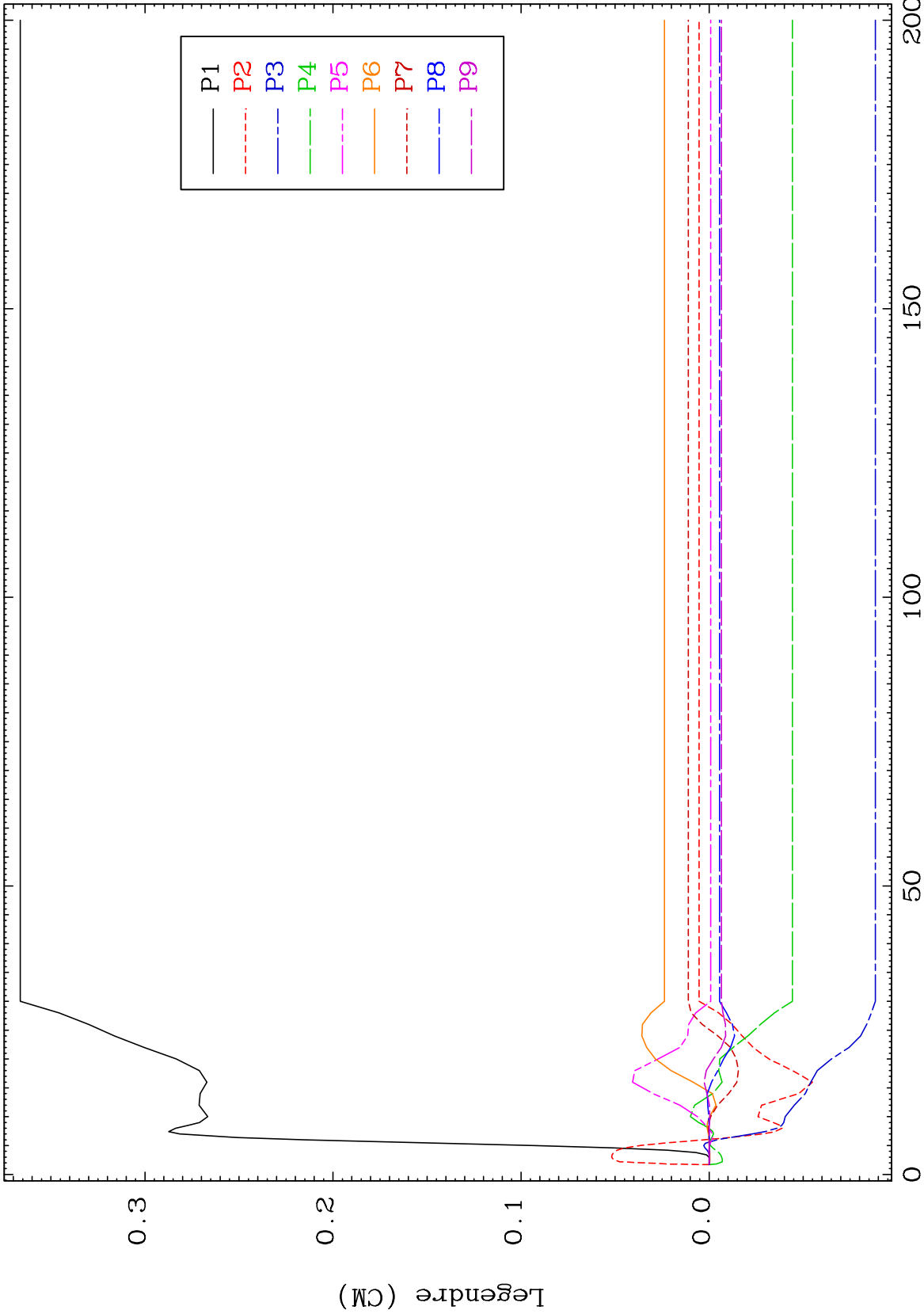
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137



75

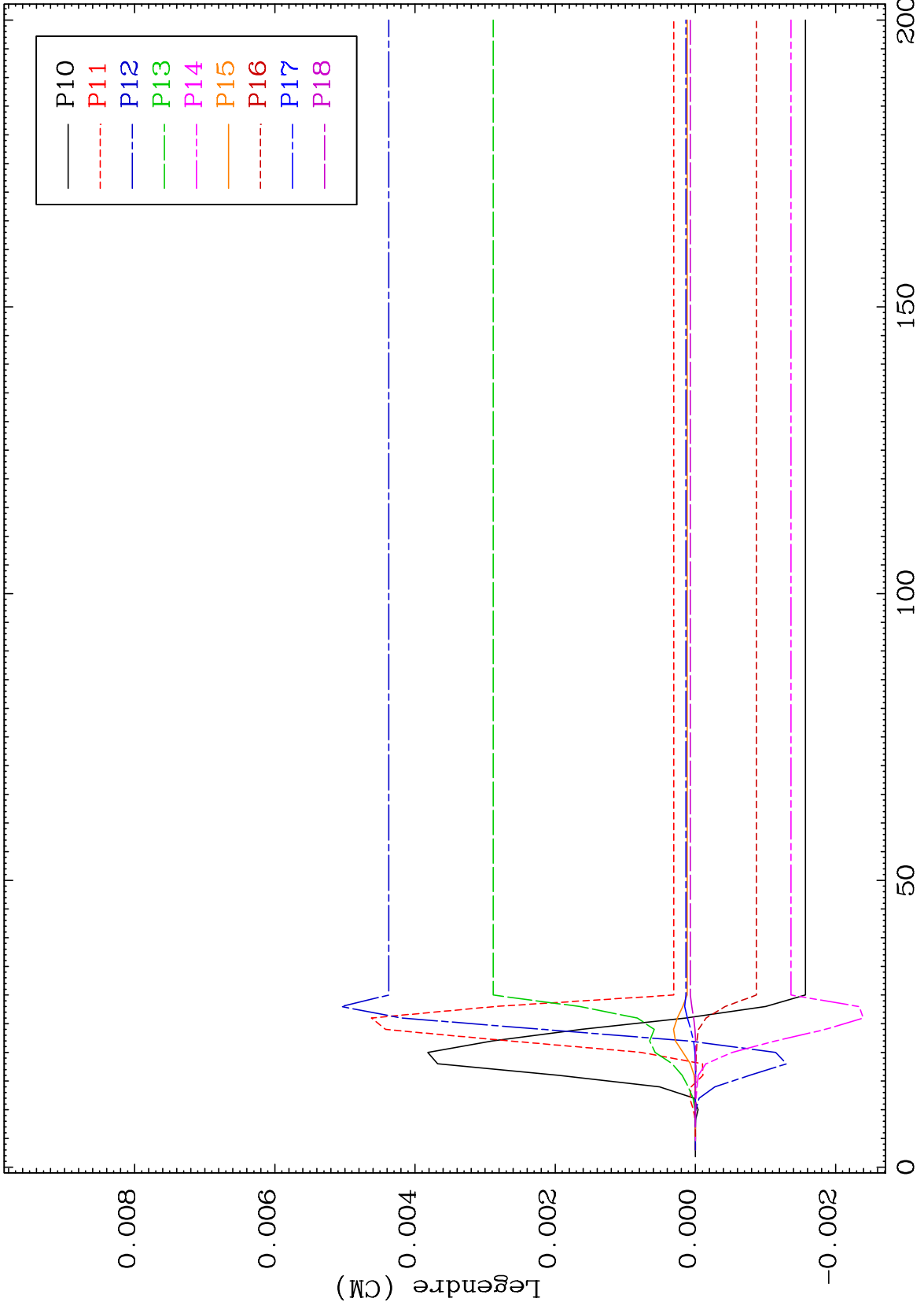
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137



76

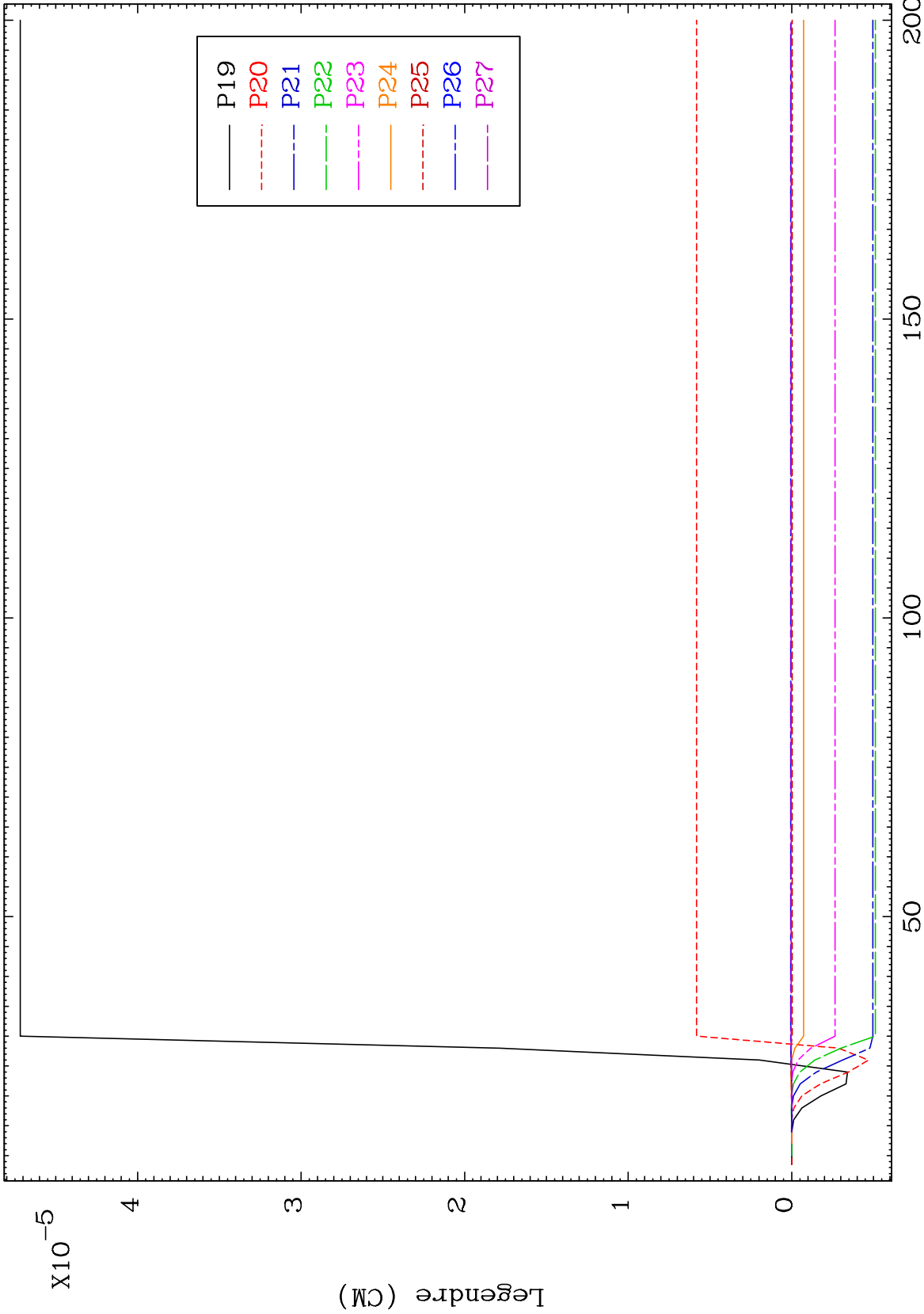
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137



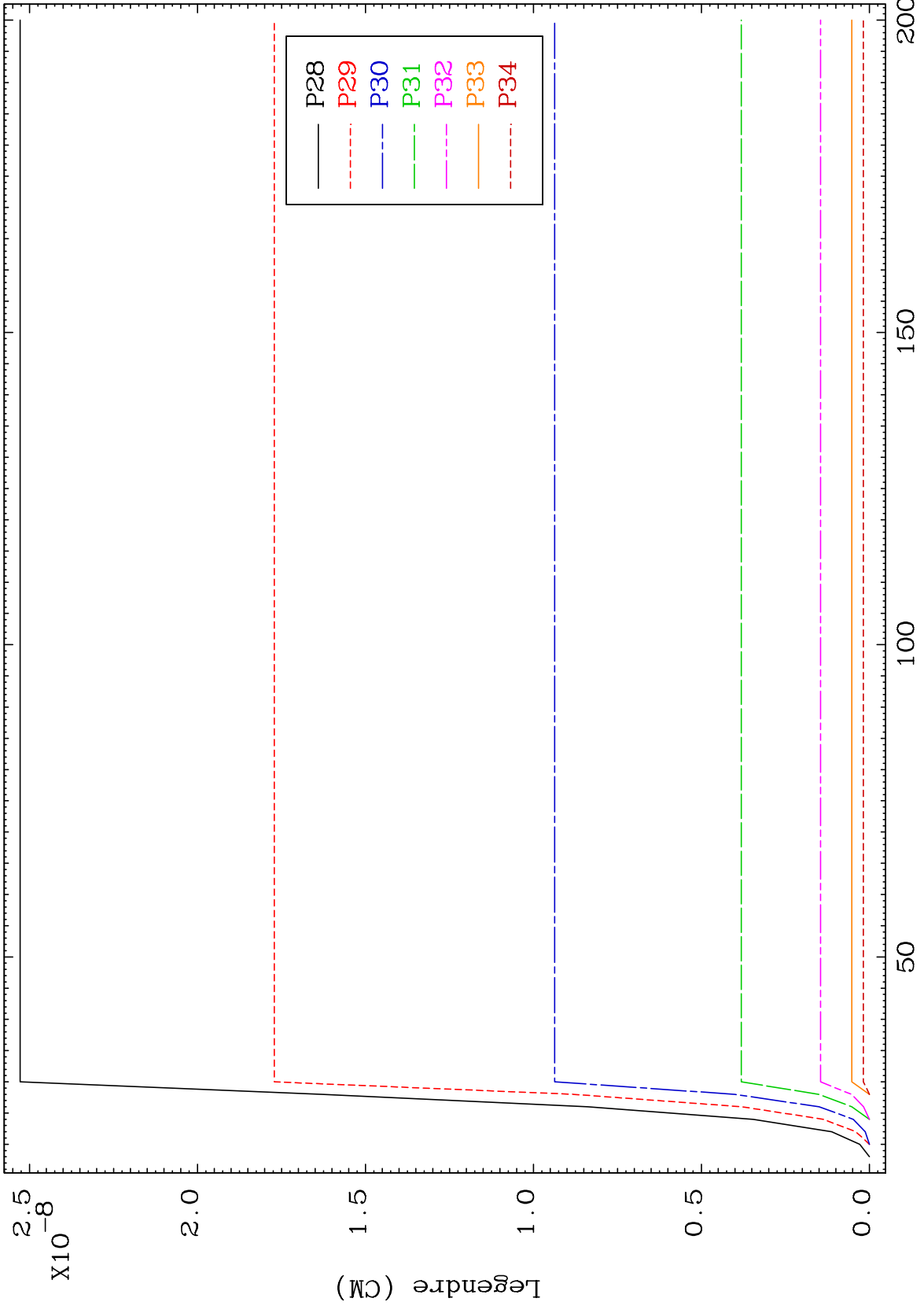
77

60-Nd-137

MAT 6010

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

60-Nd-137

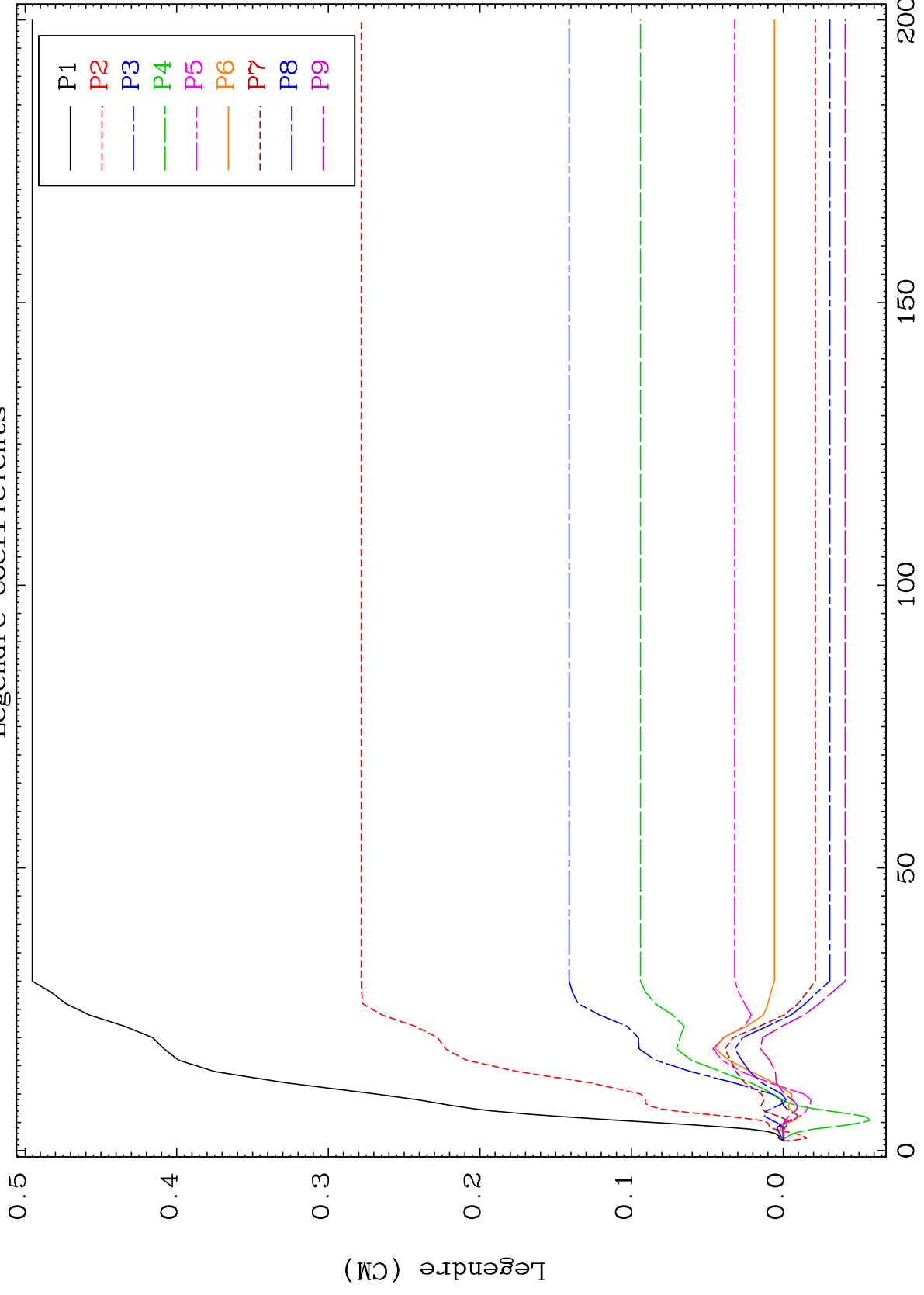


78

Incident Energy (MeV)

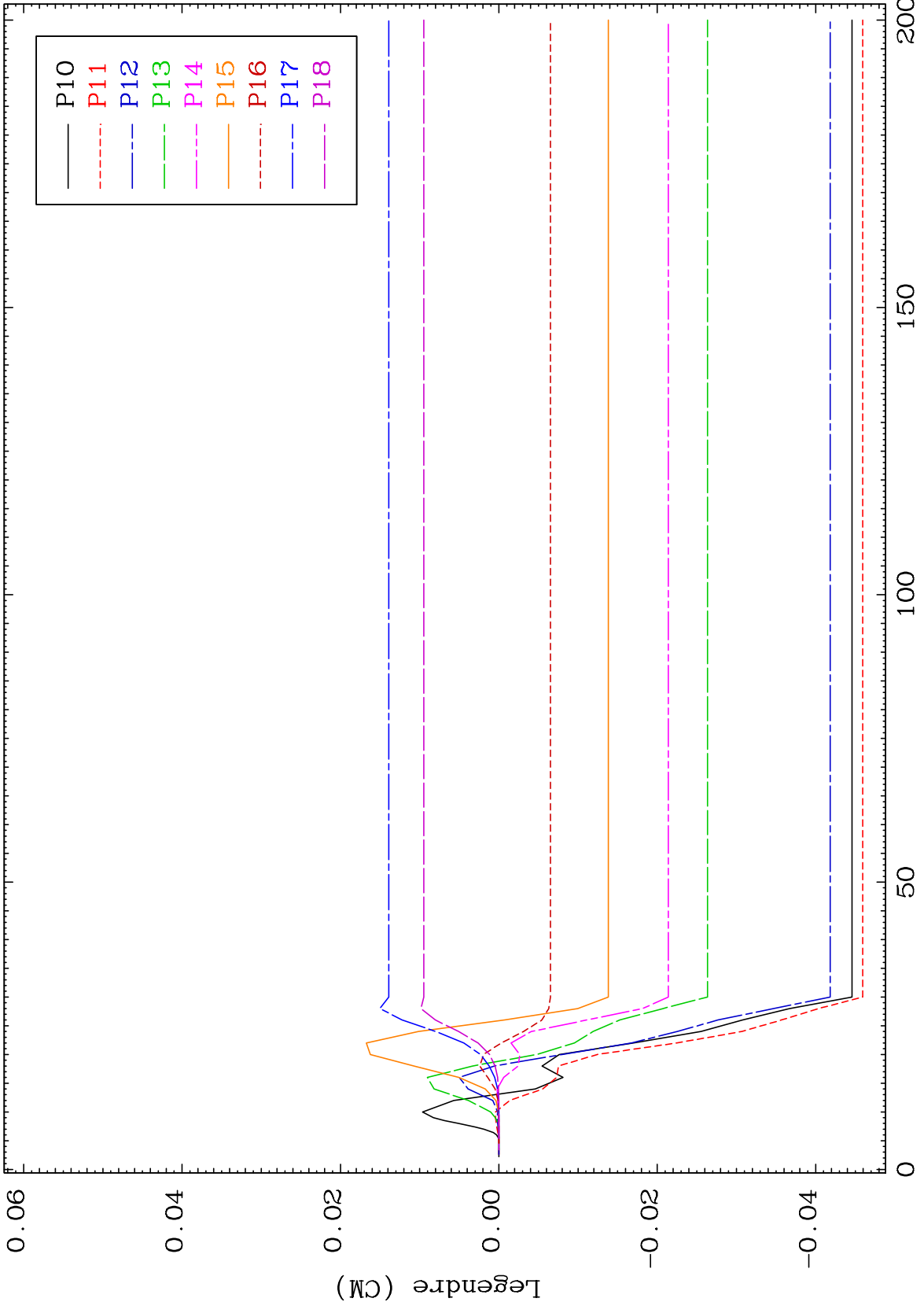
60-Nd-137

MAT 6010 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-137



79 Incident Energy (MeV) 60-Nd-137

MAT 6010 MT= 66 (n,n') Level Legendre Coefficients 60-Nd-137

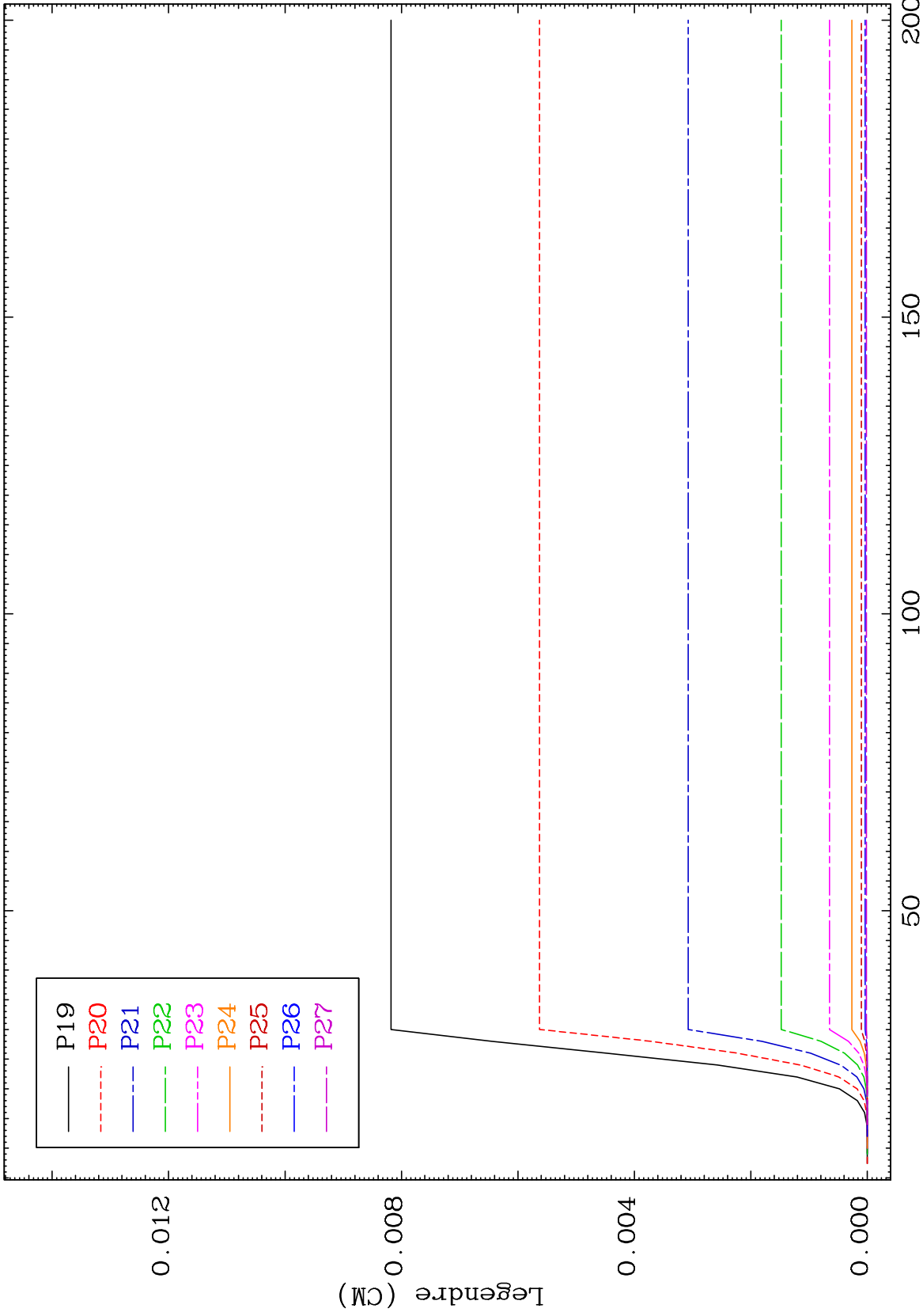


80 Incident Energy (MeV) 60-Nd-137

MAT 6010

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

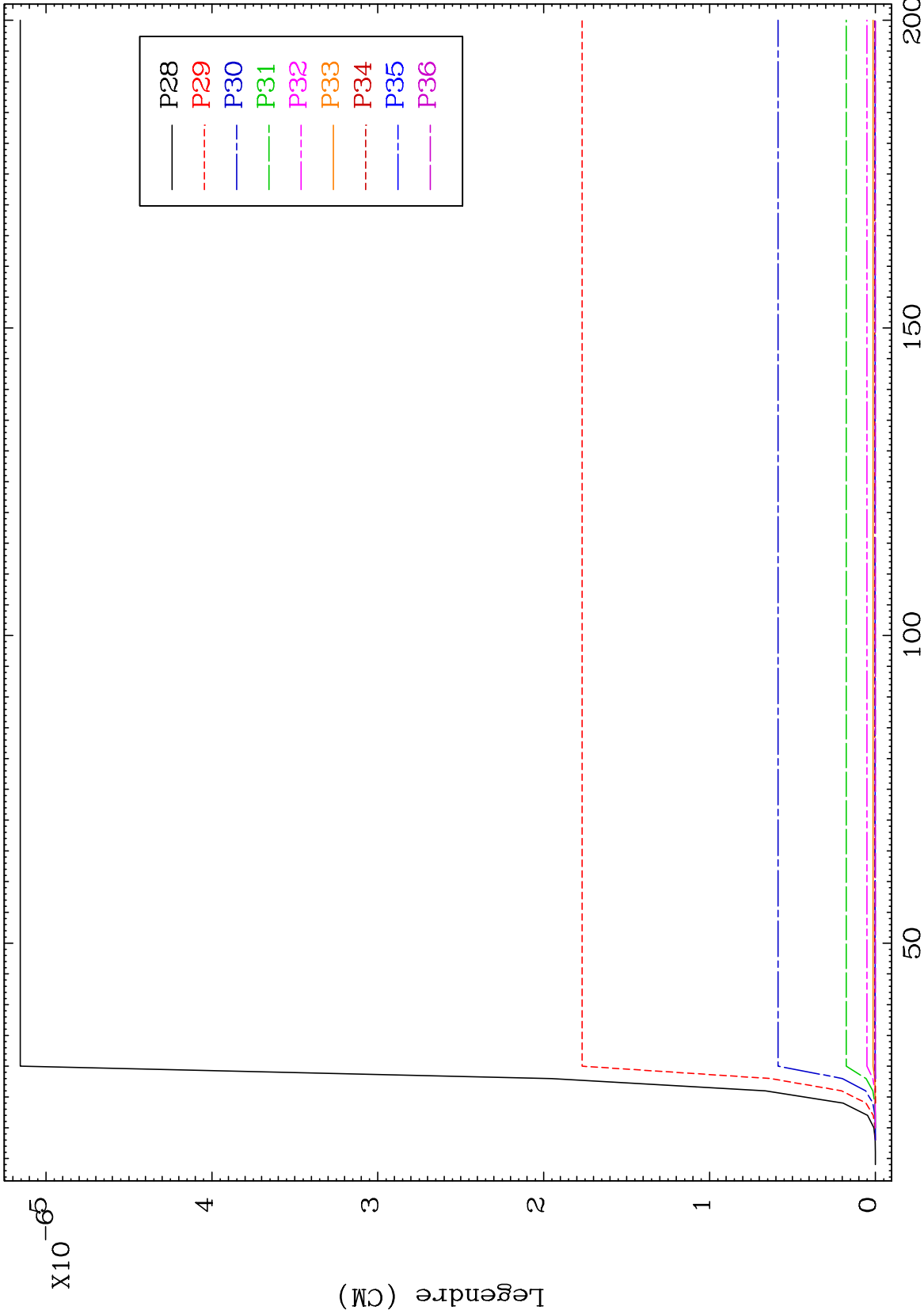
60-Nd-137



MAT 6010

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

60-Nd-137



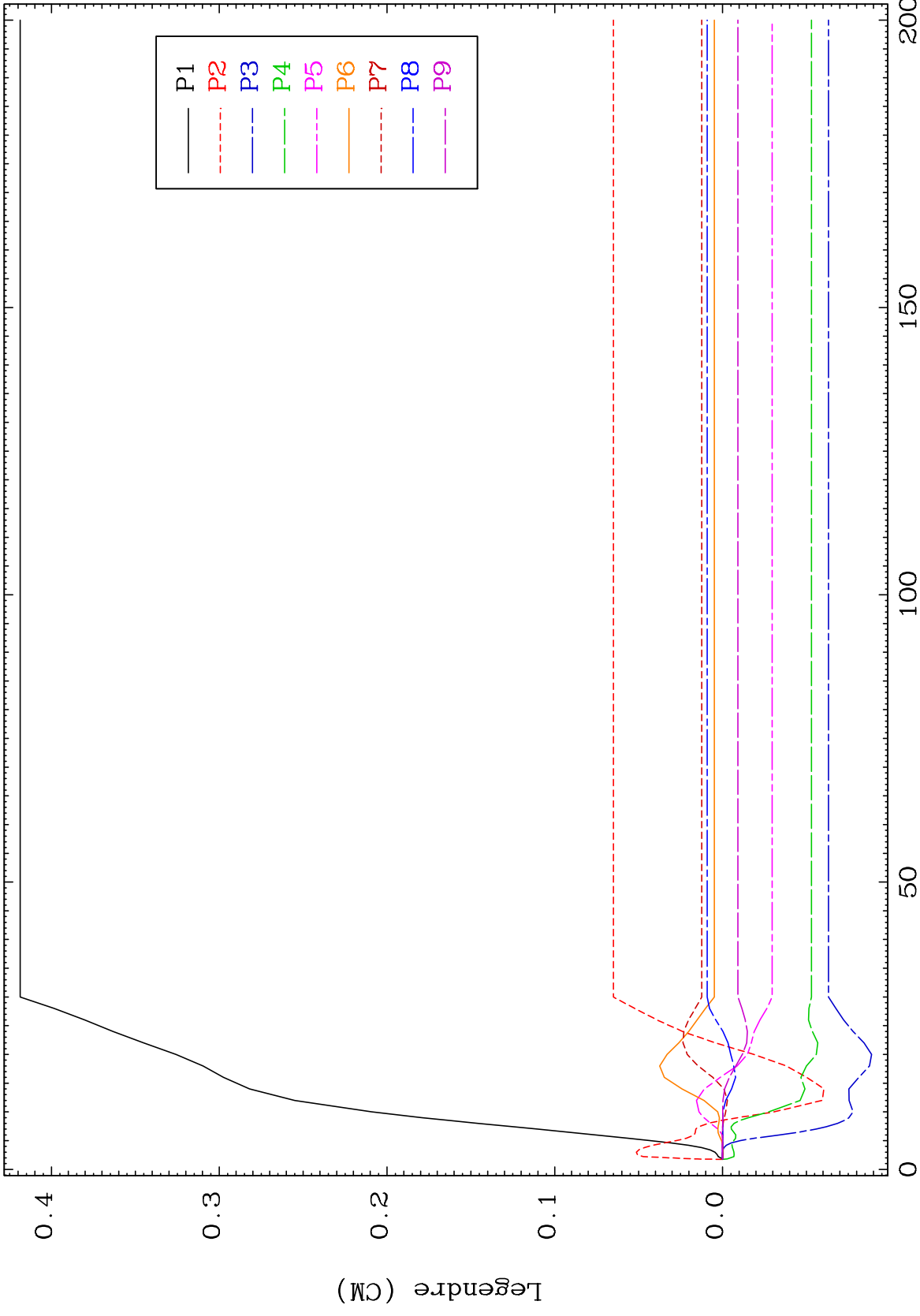
82

60-Nd-137

MAT 6010

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

60-Nd-137



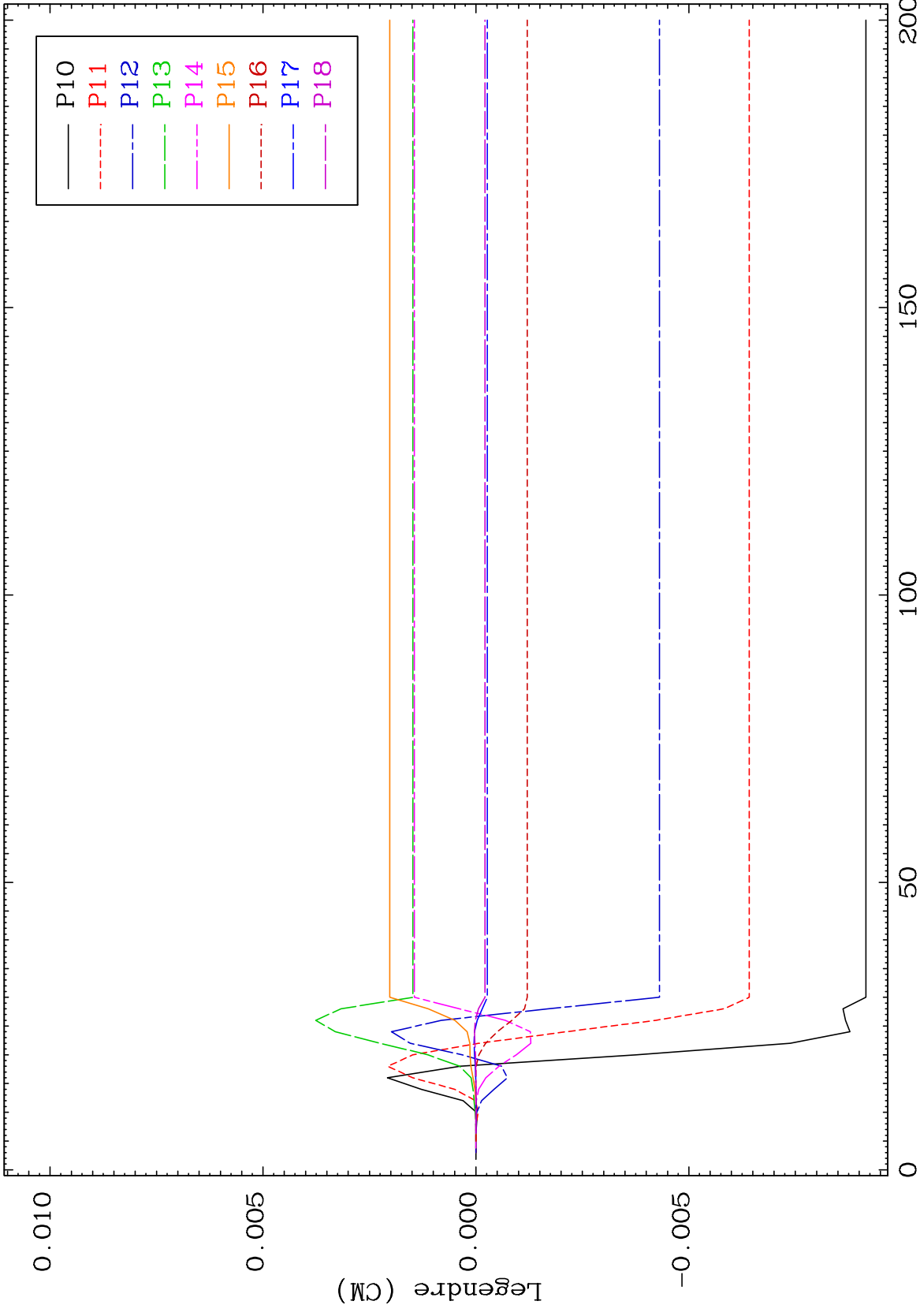
83

60-Nd-137

MAT 6010

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

60-Nd-137



84

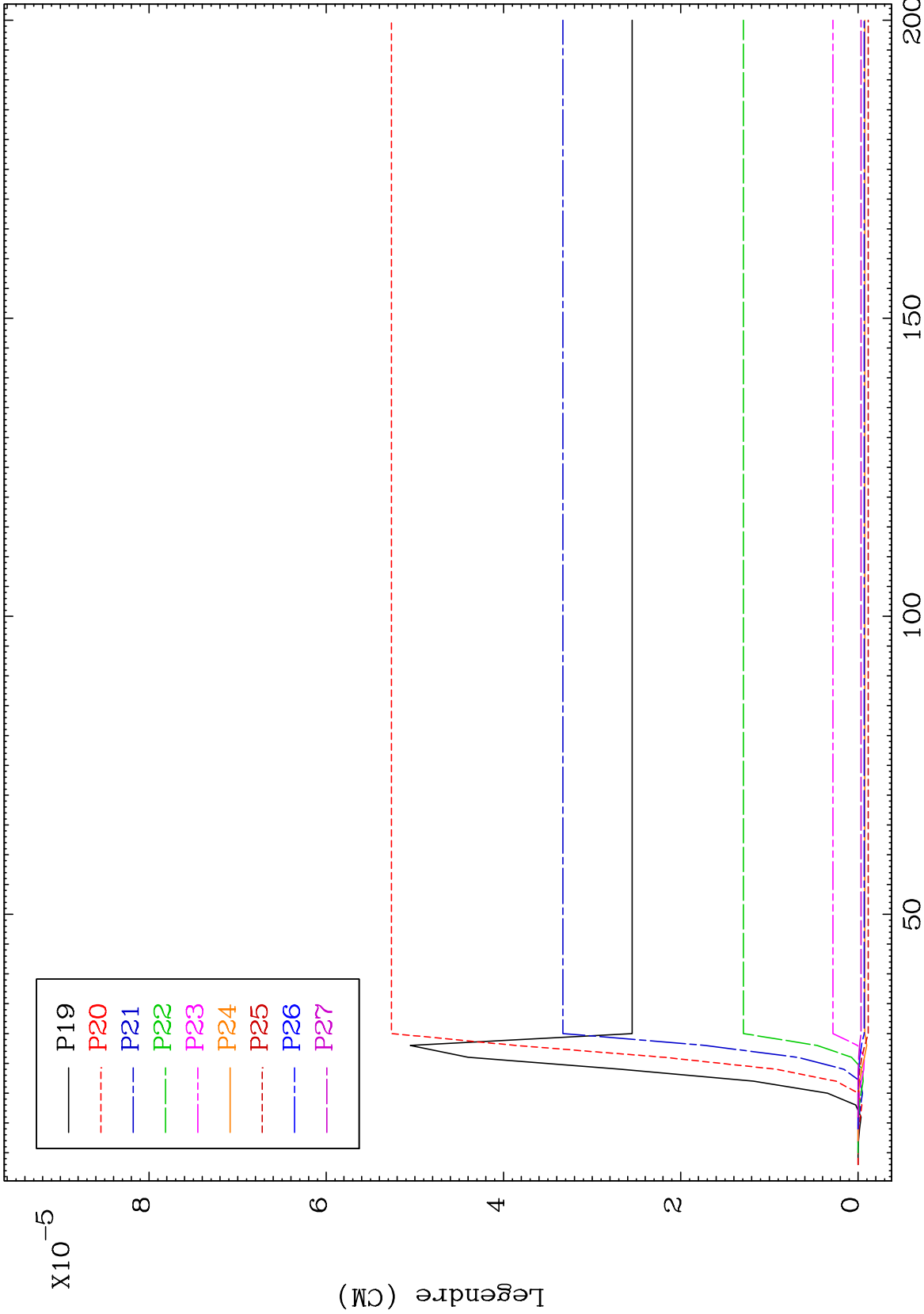
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137



85

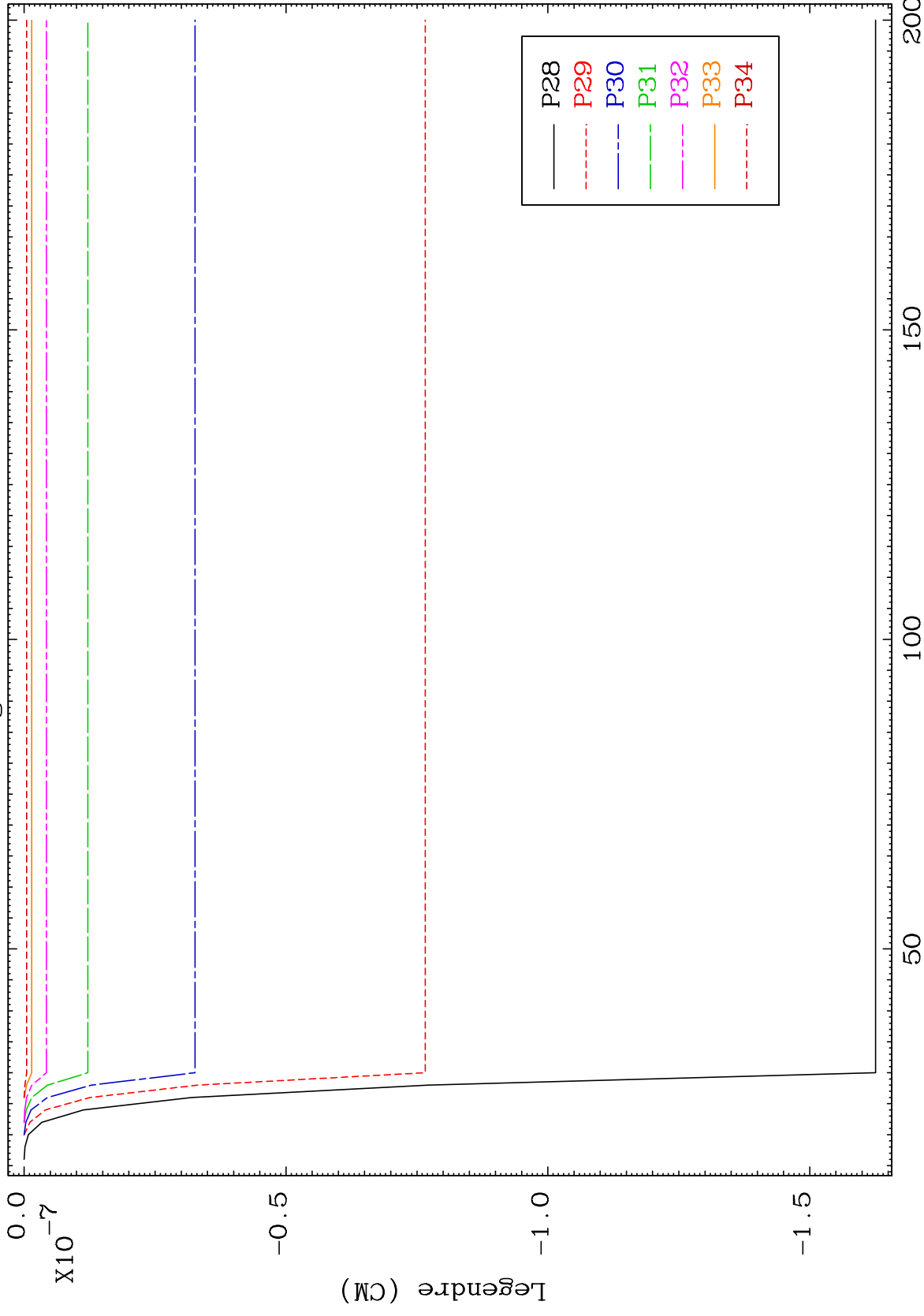
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137

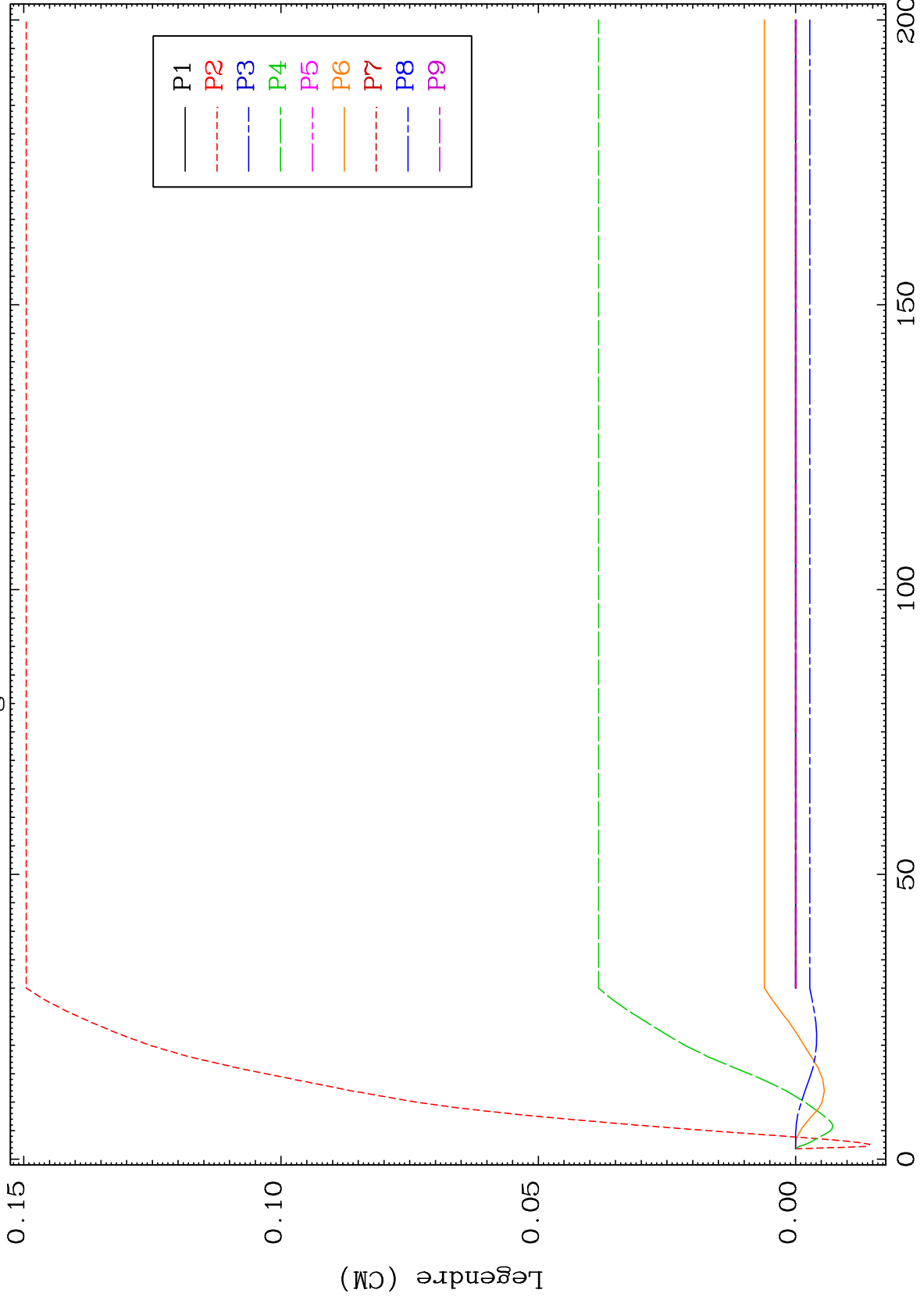


86

Incident Energy (MeV)

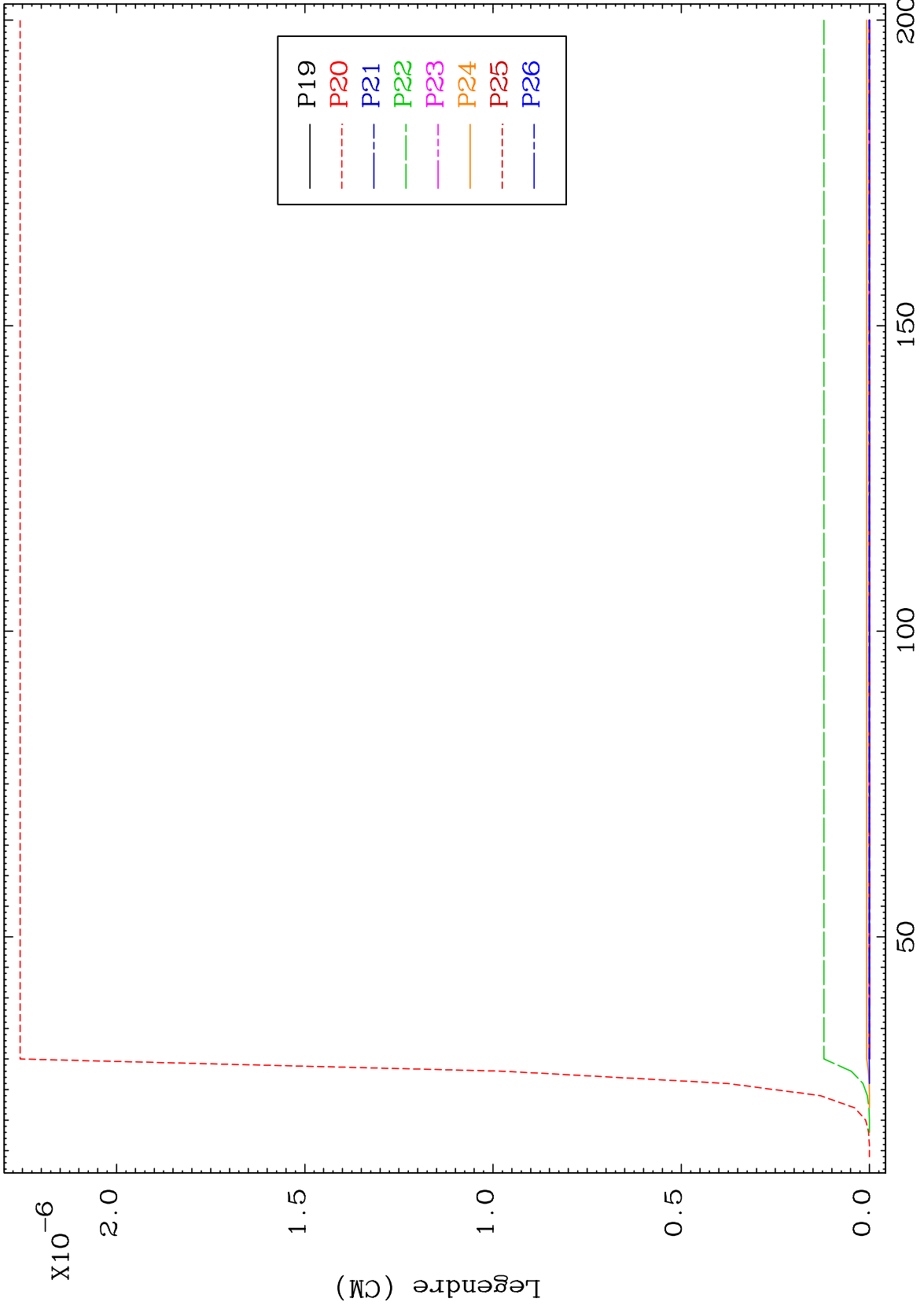
60-Nd-137

MAT 6010 MT= 68 (n,n') Level Legendre Coefficients 60-Nd-137



87 60-Nd-137

MAT 6010 MT= 68 (n,n') Level Legendre Coefficients 60-Nd-137

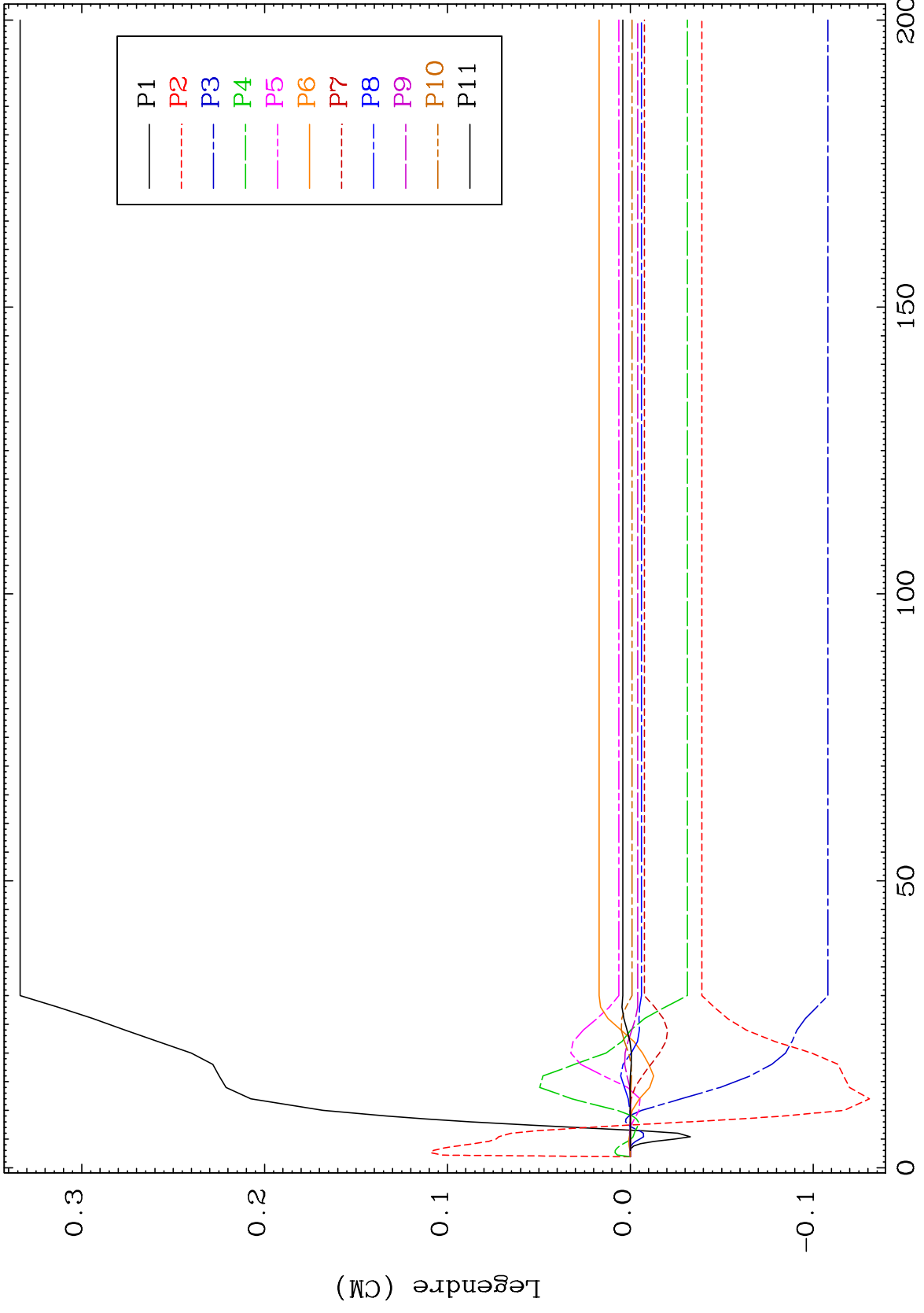


89 60-Nd-137

MAT 6010

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

60-Nd-137



60-Nd-137

Incident Energy (MeV)

MAT 6010

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

60-Nd-137



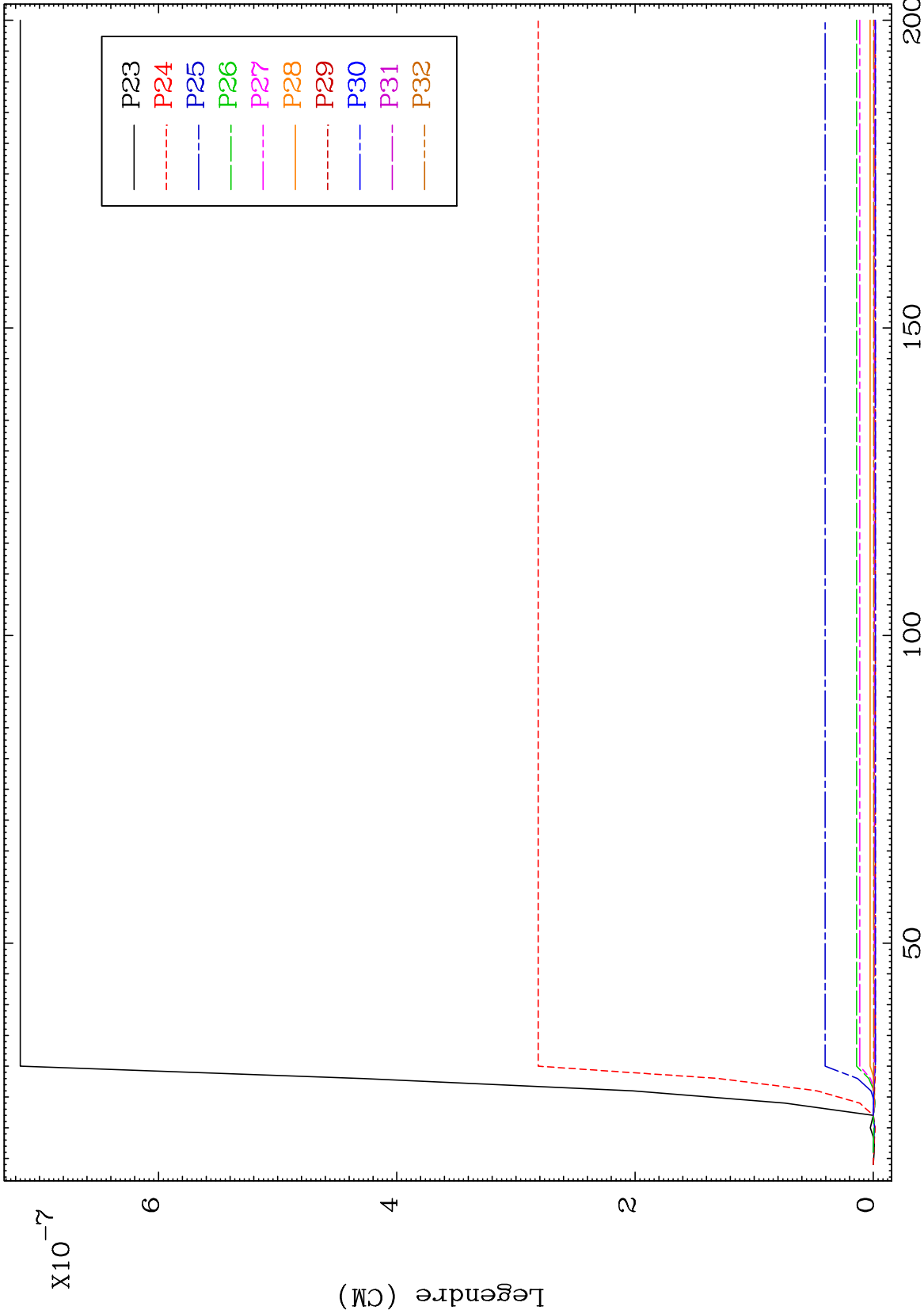
91

60-Nd-137

MAT 6010

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

60-Nd-137

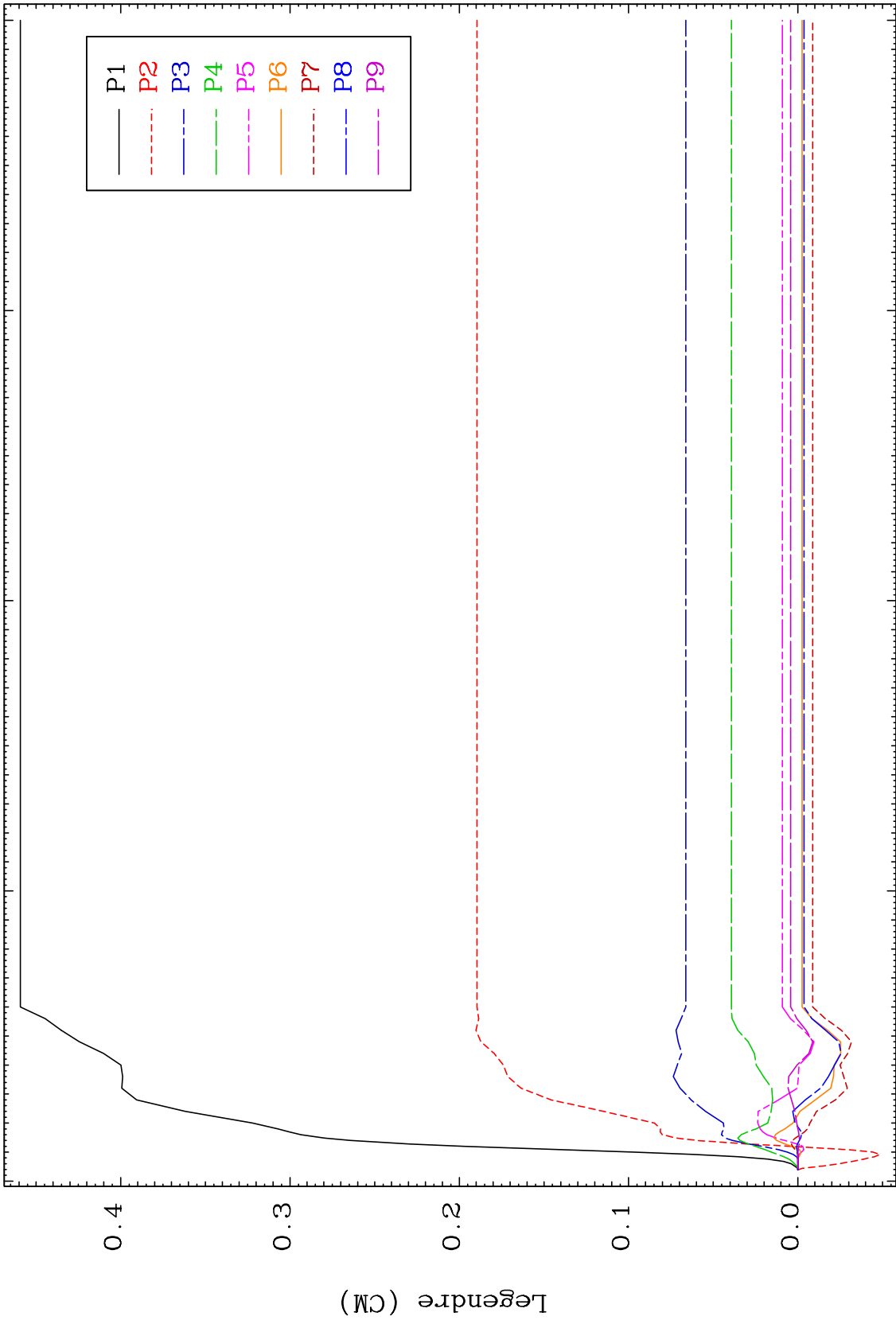


92

Incident Energy (MeV)

60-Nd-137

MAT 6010 MT= 70 (n,n') Level Legendre Coefficients 60-Nd-137

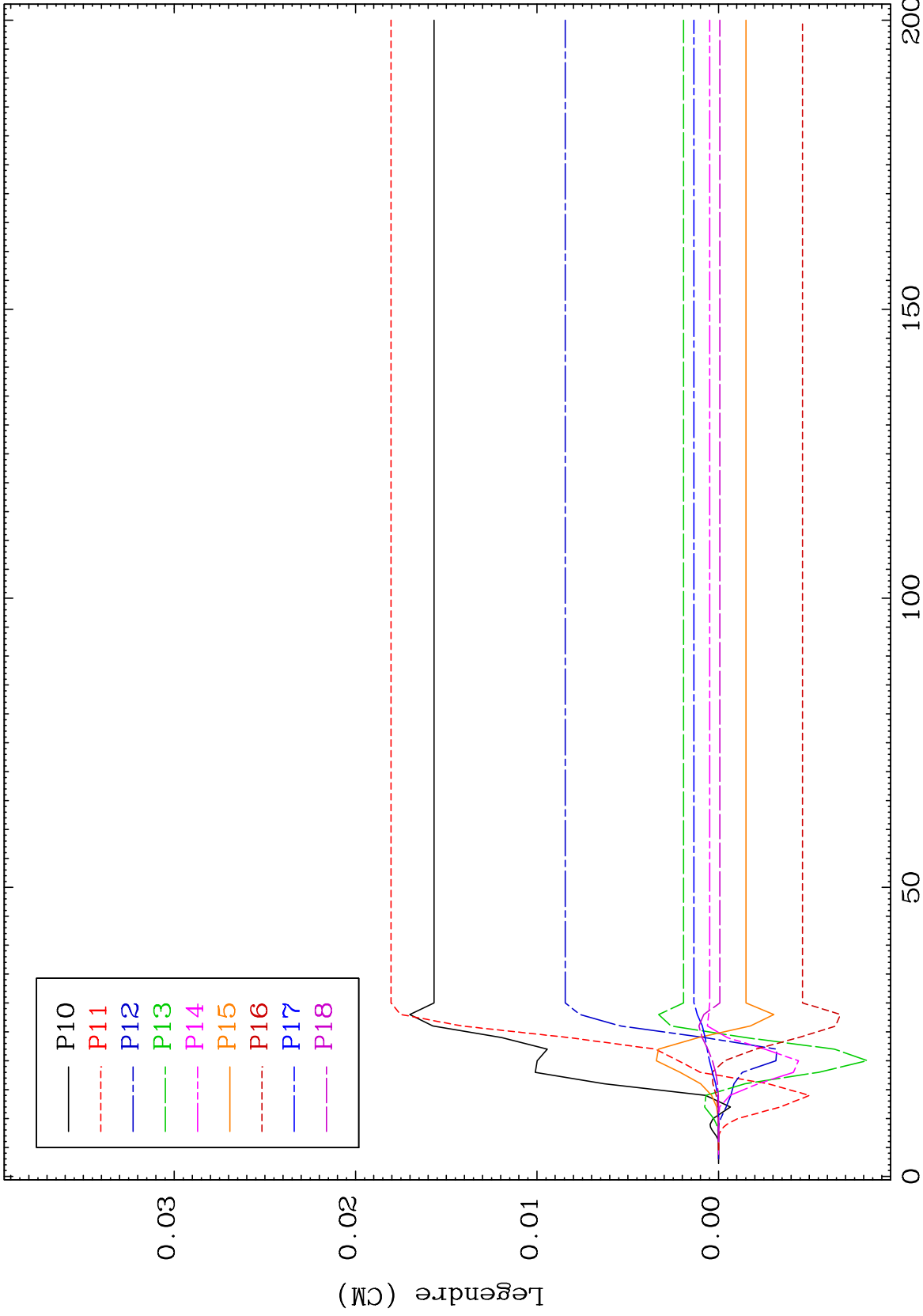


93 Incident Energy (MeV) 60-Nd-137

MAT 6010

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

60-Nd-137



94

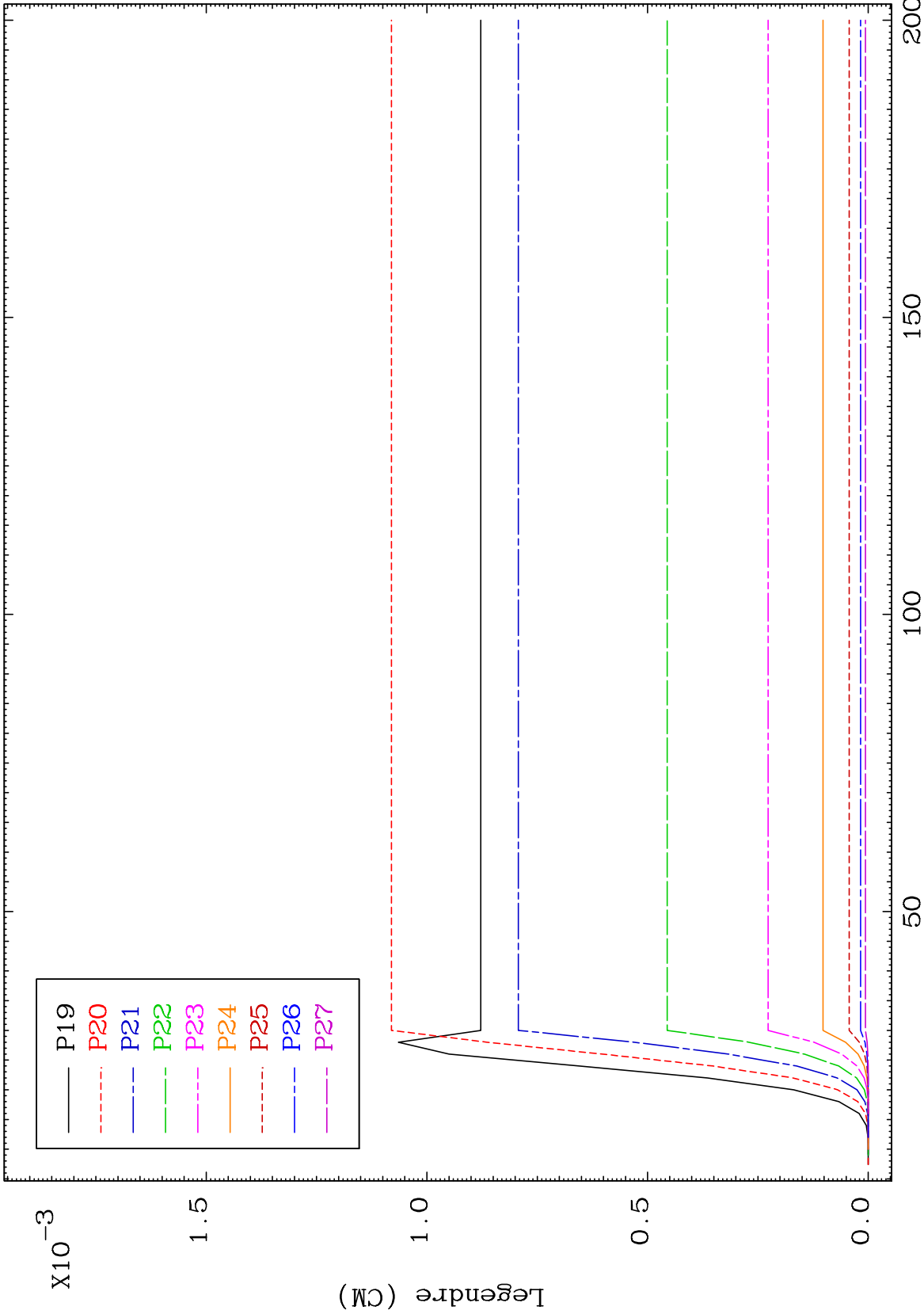
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

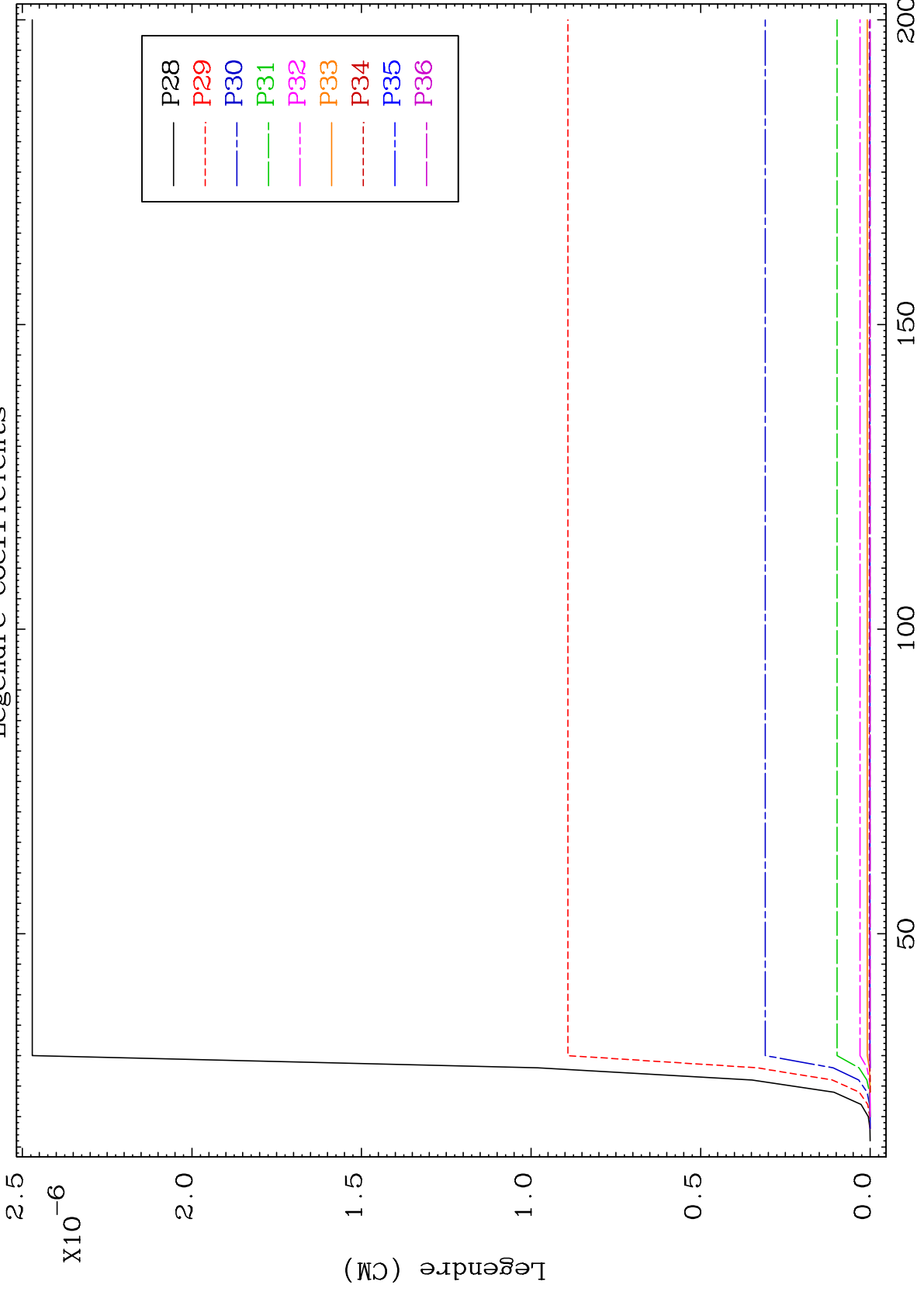
60-Nd-137



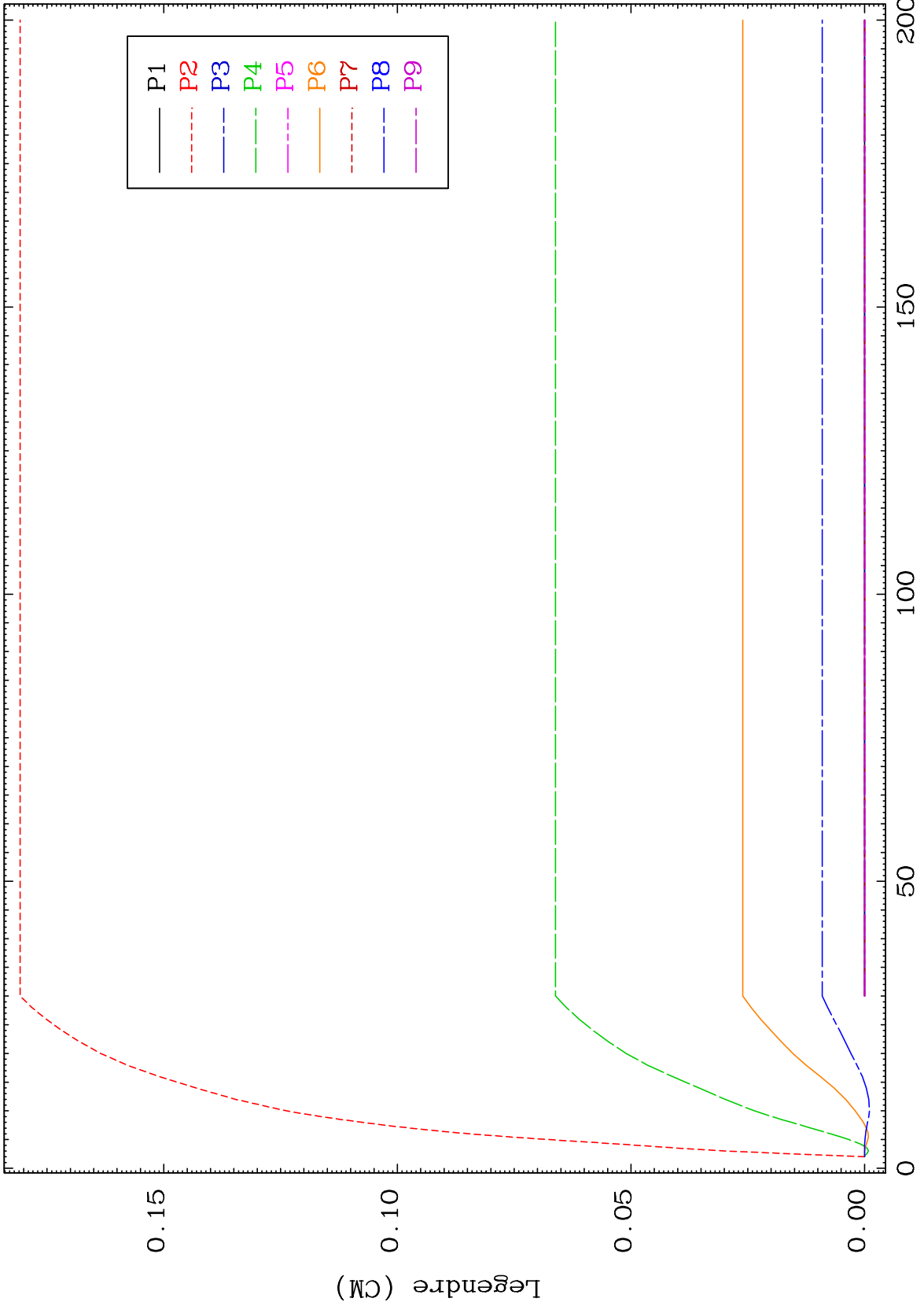
95

Incident Energy (MeV)

60-Nd-137



MAT 6010 MT= 71 (n,n') Level Legendre Coefficients 60-Nd-137

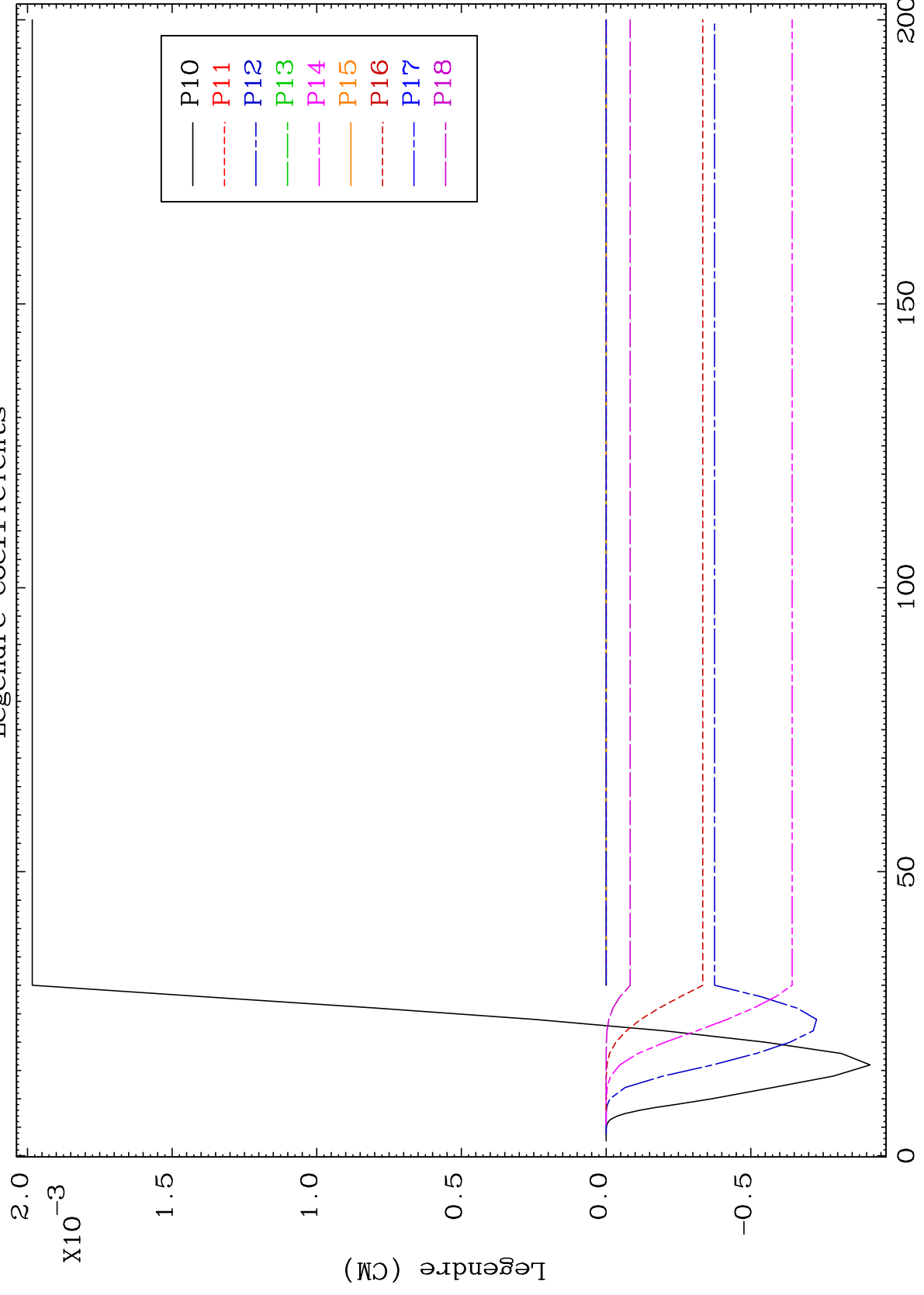


97 60-Nd-137

MAT 6010 MT= 71 (n,n') Level Legendre Coefficients

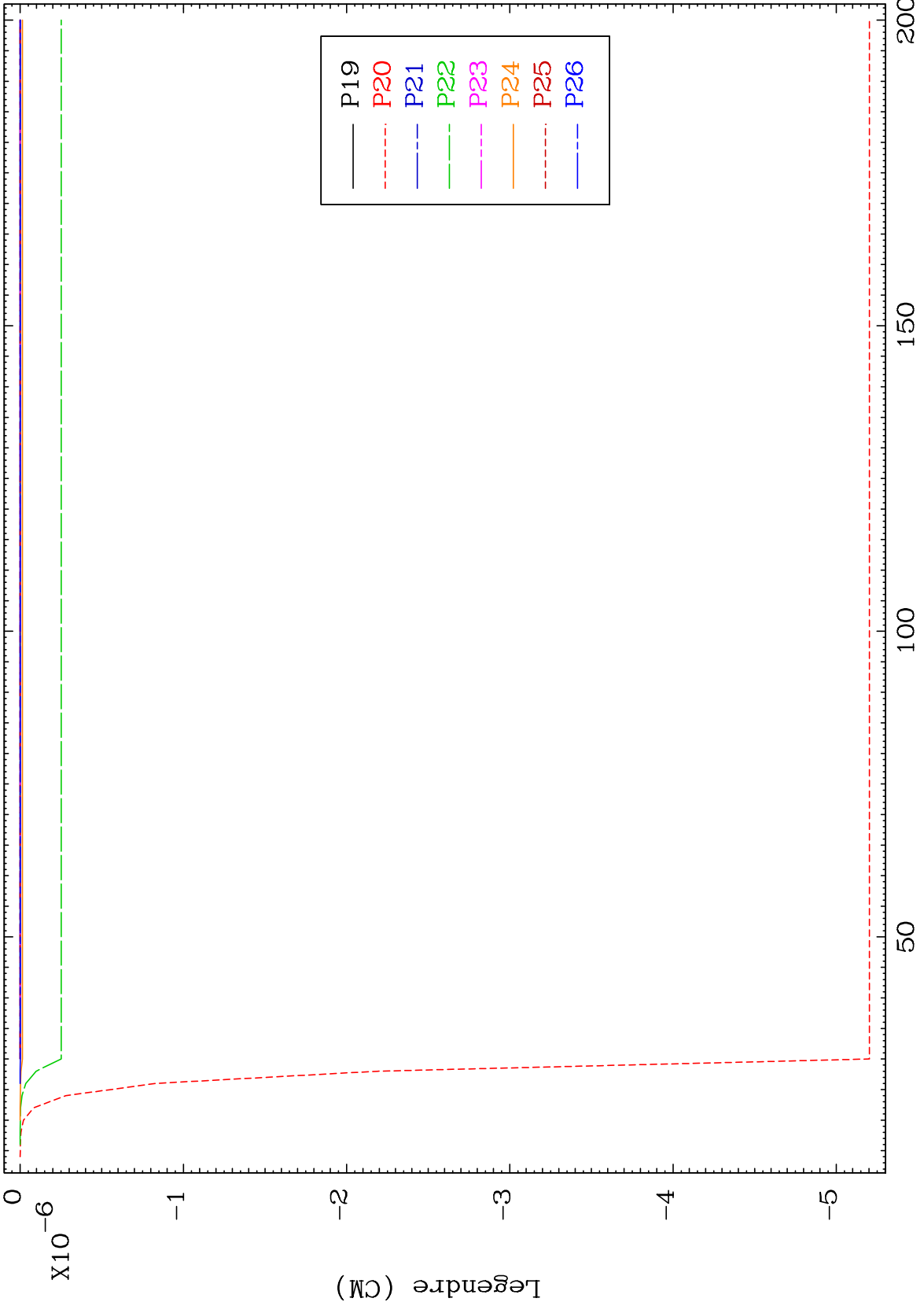
60-Nd-137

60-Nd-137



98

MAT 6010 MT= 71 (n,n') Level Legendre Coefficients 60-Nd-137

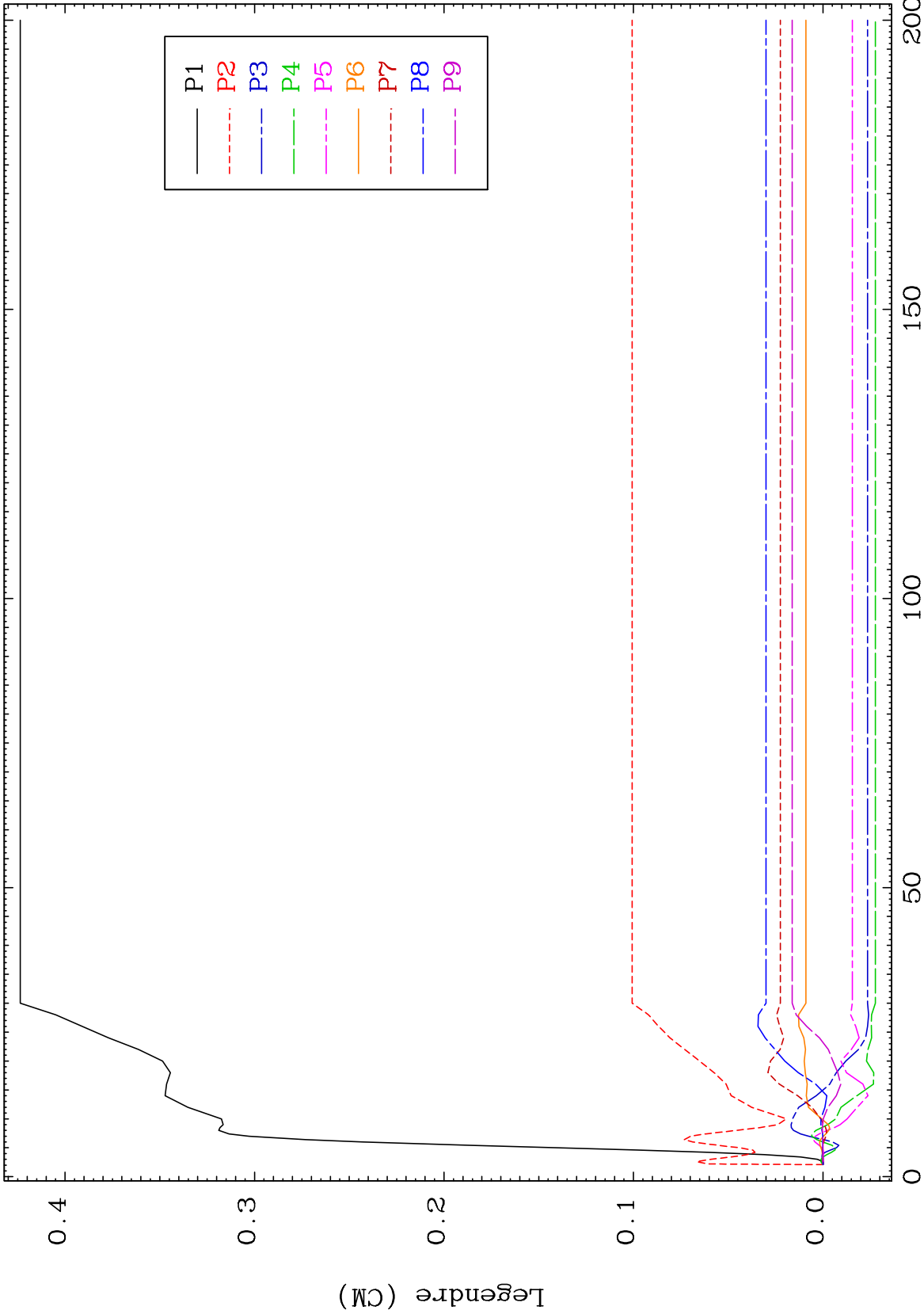


99 Incident Energy (MeV) 60-Nd-137

MAT 6010

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

60-Nd-137



60-Nd-137

Incident Energy (MeV)

Legendre (CM)

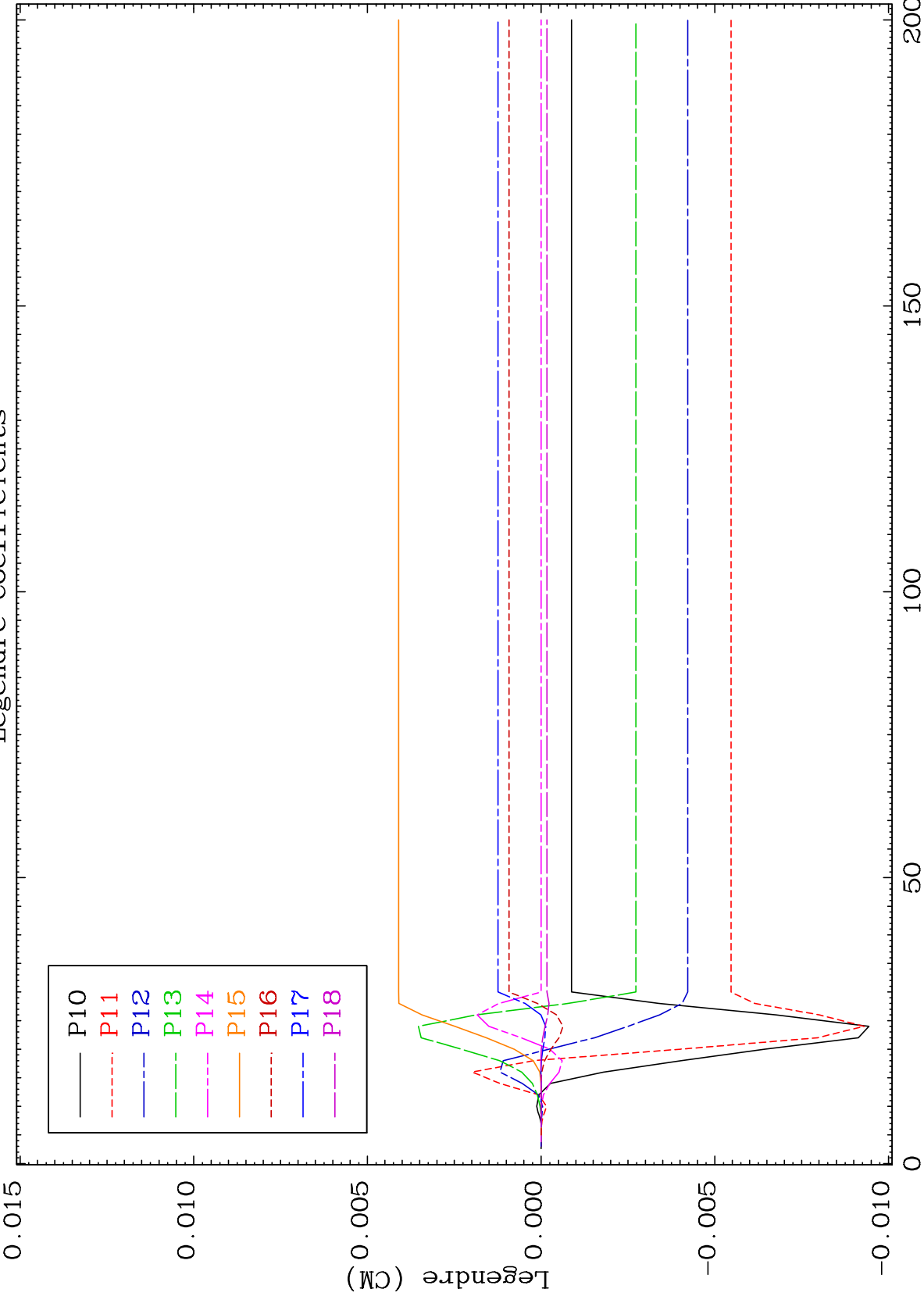
MAT 6010 MT= 72 (n,n') Level Legendre Coefficients

60-Nd-137

MAT 6010

60-Nd-137

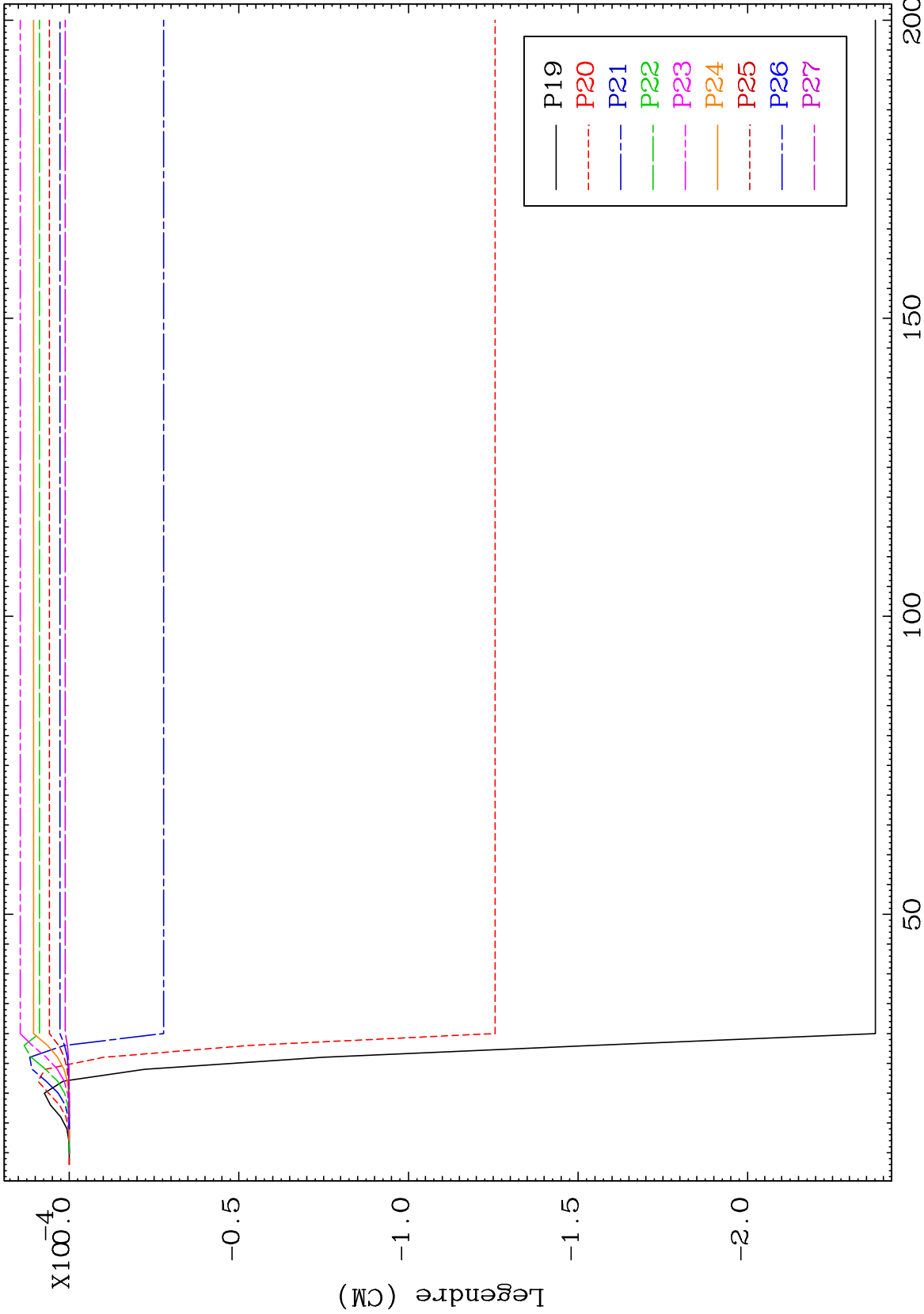
101



MAT 6010

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

60-Nd-137

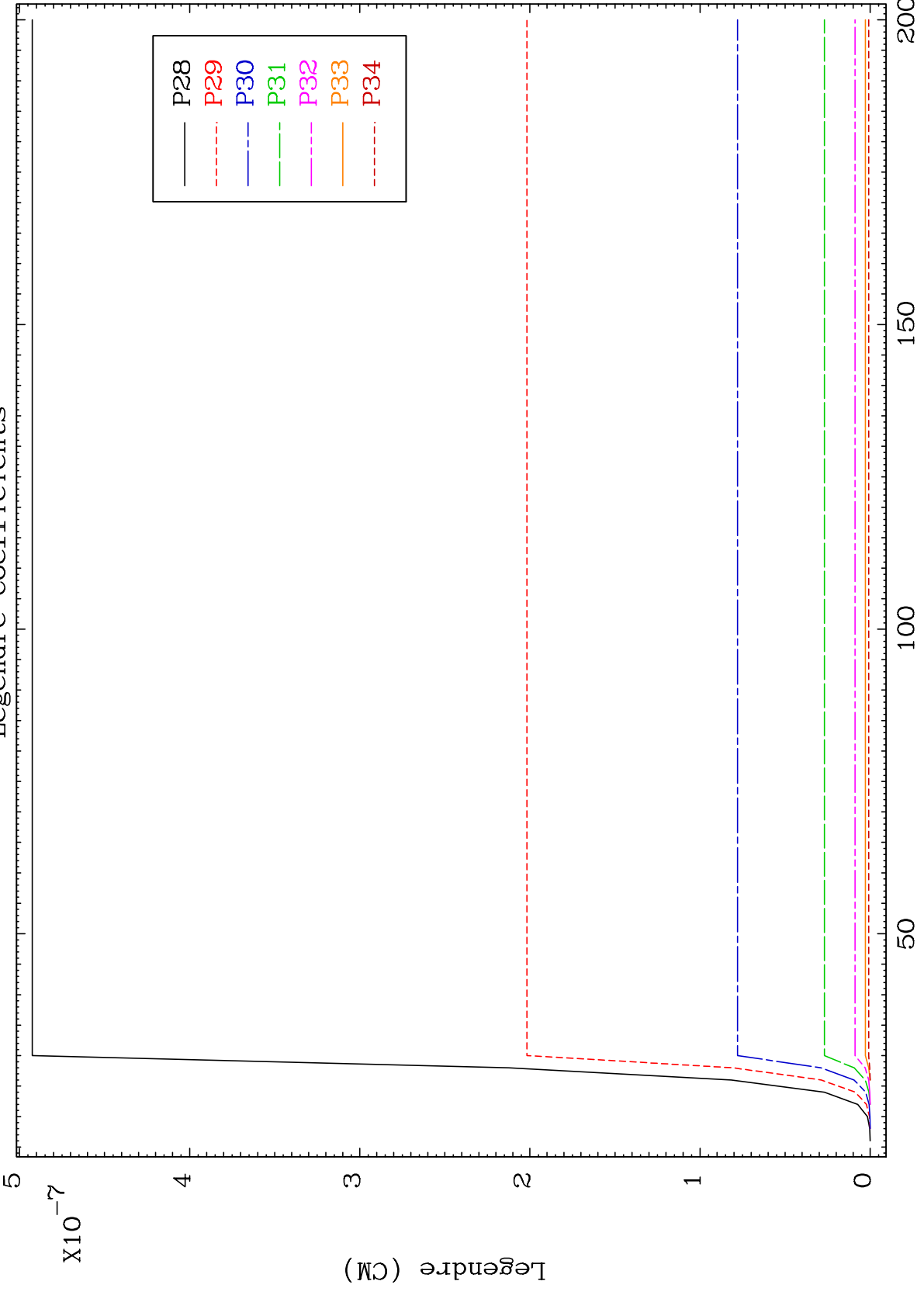


60-Nd-137

Incident Energy (MeV)

102

MAT 6010 MT= 72 (n,n') Level Legendre Coefficients 60-Nd-137

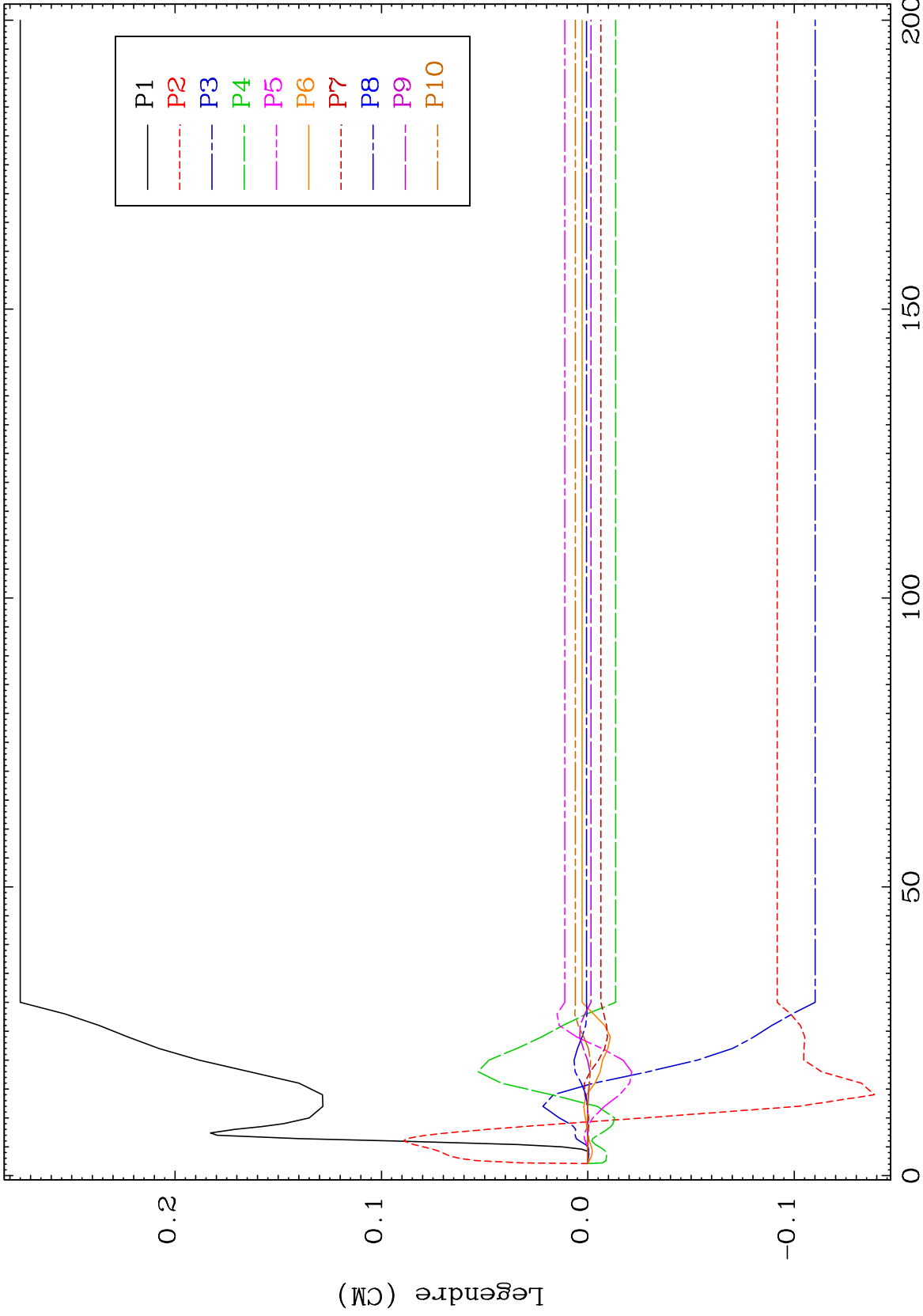


Legendre (CM) X10⁻⁷ Incident Energy (MeV) 60-Nd-137

MAT 6010

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

60-Nd-137



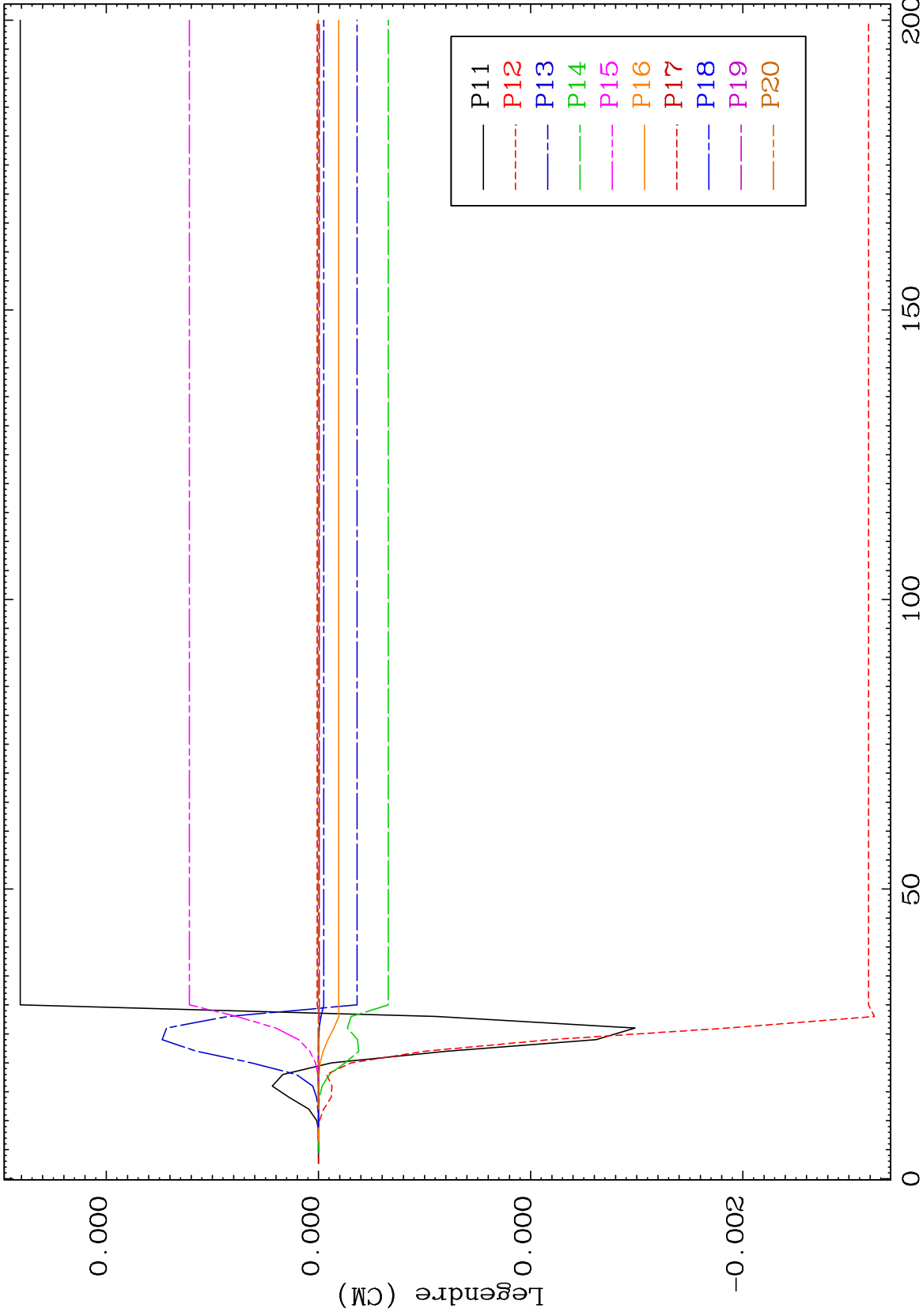
104

60-Nd-137

MAT 6010

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

60-Nd-137



105

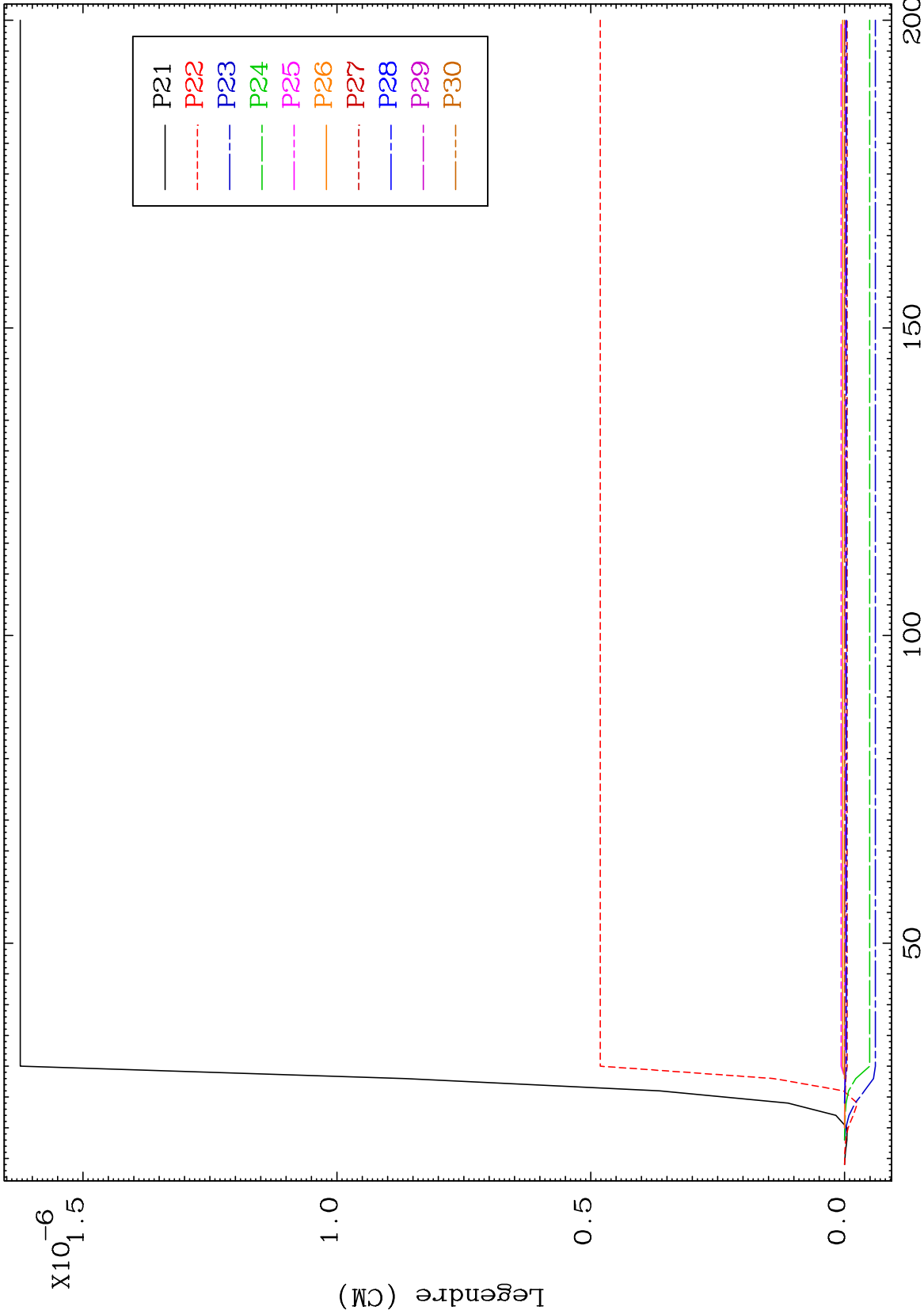
60-Nd-137

60-Nd-137

MAT 6010

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

60-Nd-137



106

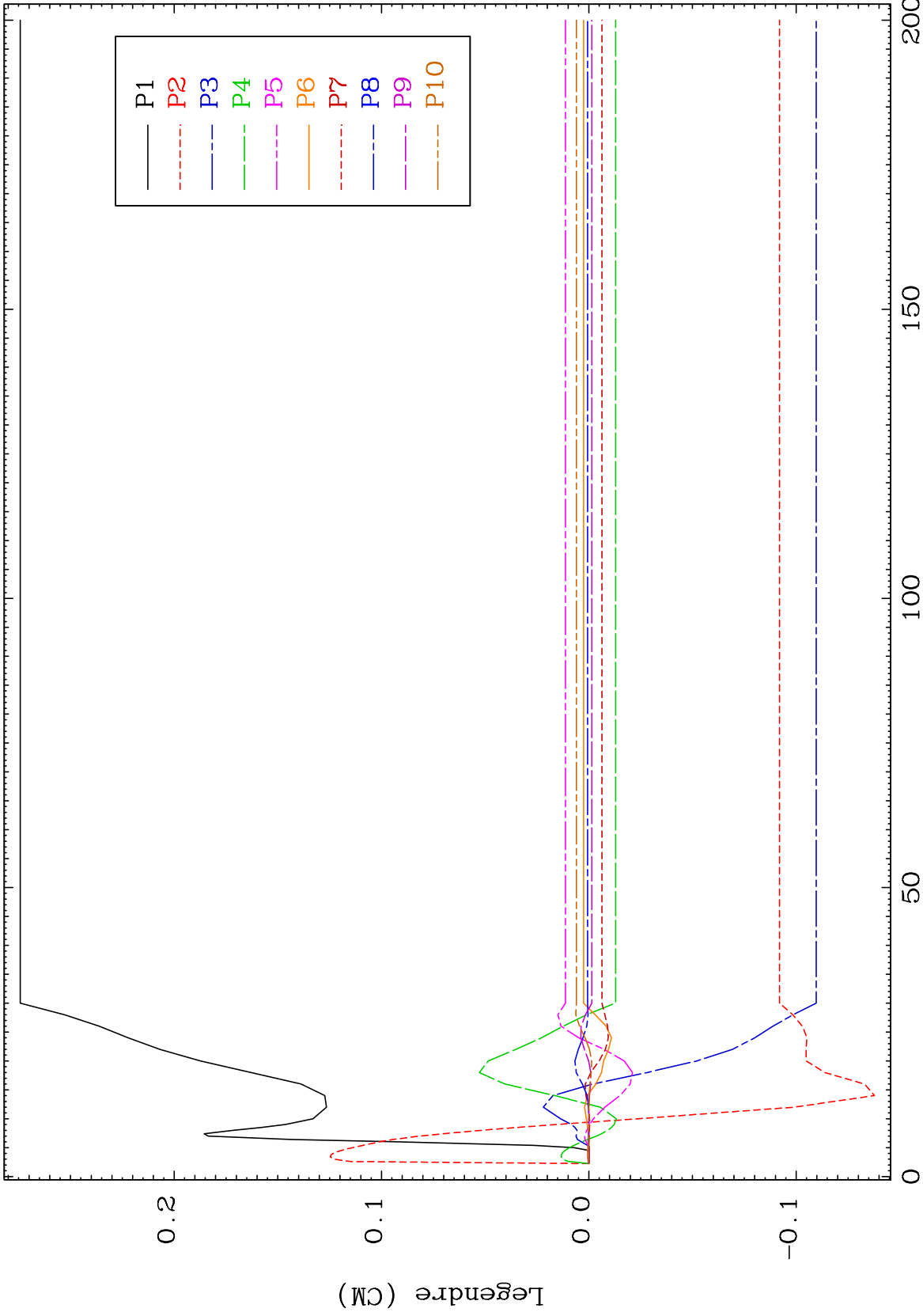
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137



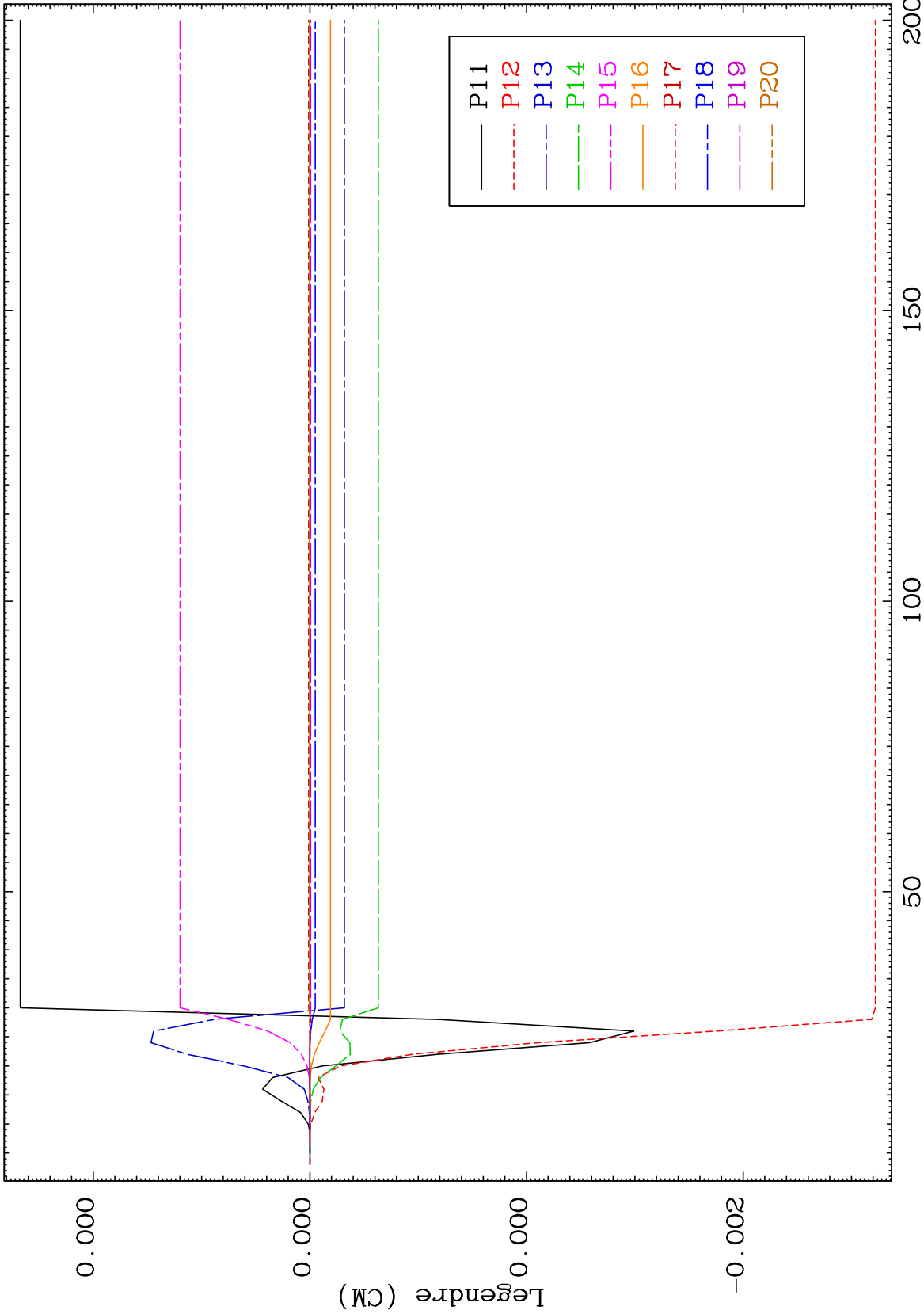
107

60-Nd-137

MAT 6010

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

60-Nd-137



108

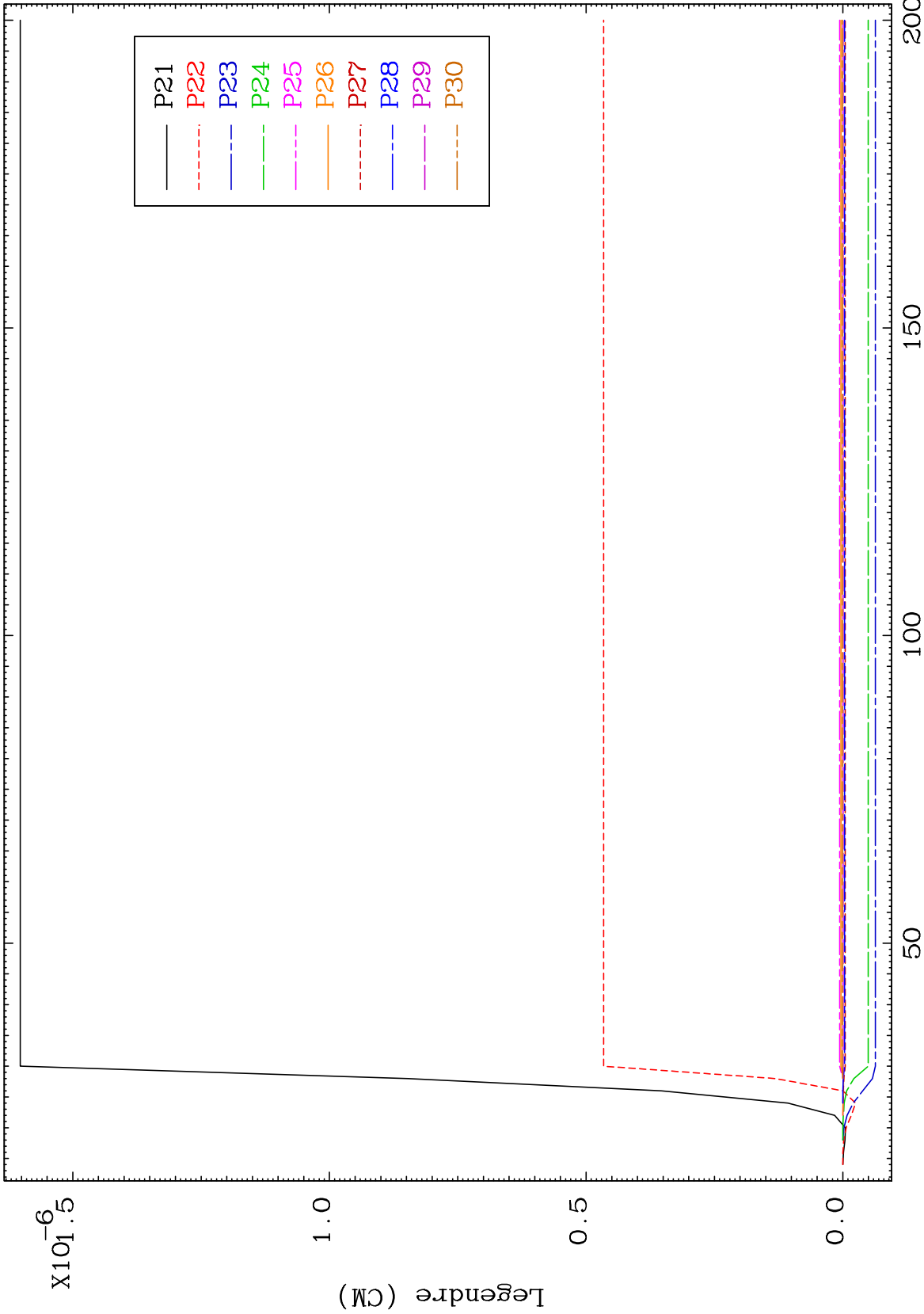
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137

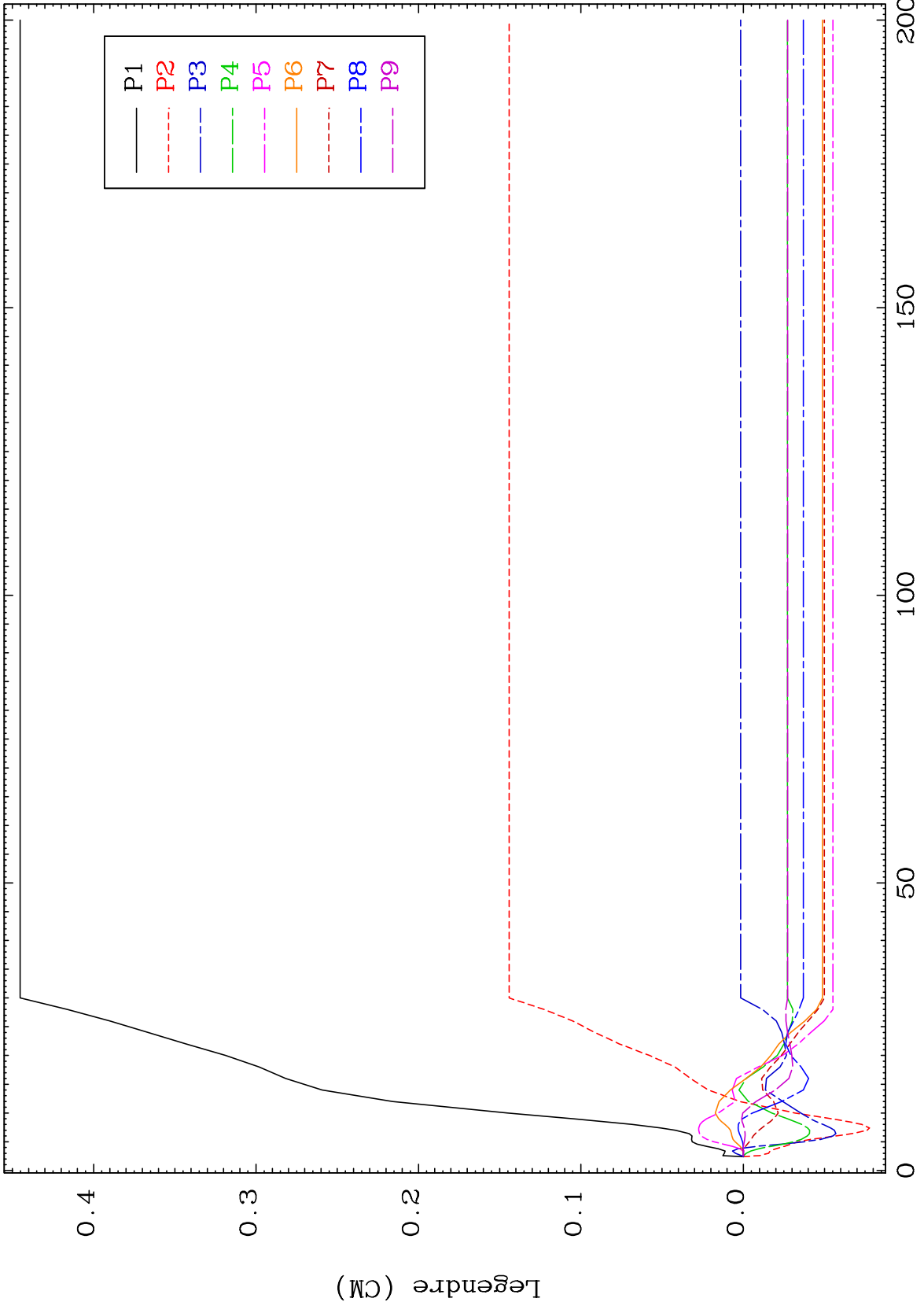


109

Incident Energy (MeV)

60-Nd-137

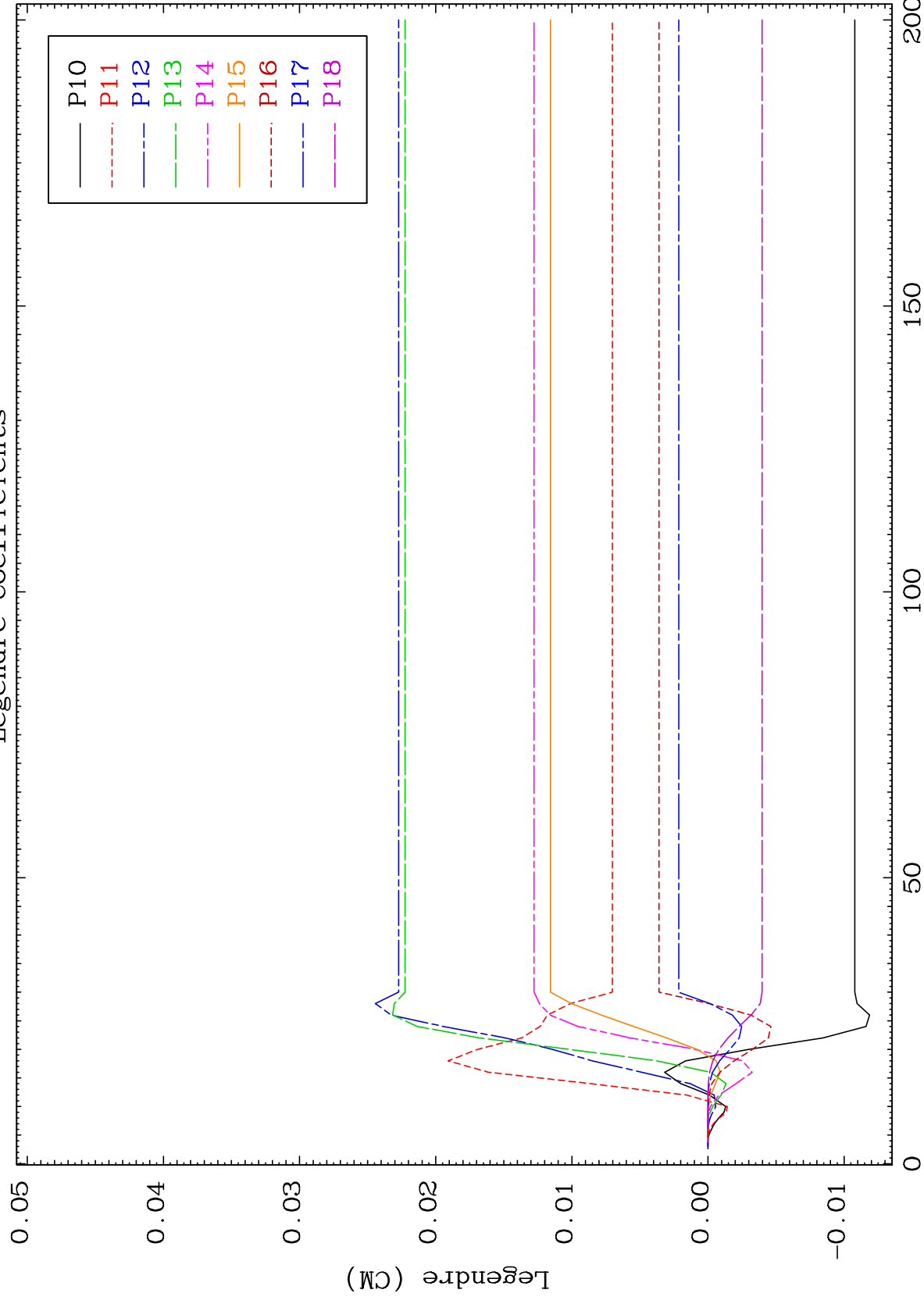
MAT 6010 MT= 75 (n,n') Level Legendre Coefficients 60-Nd-137



110 Incident Energy (MeV) 60-Nd-137

MAT 6010 MT= 75 (n,n') Level Legendre Coefficients

60-Nd-137



60-Nd-137

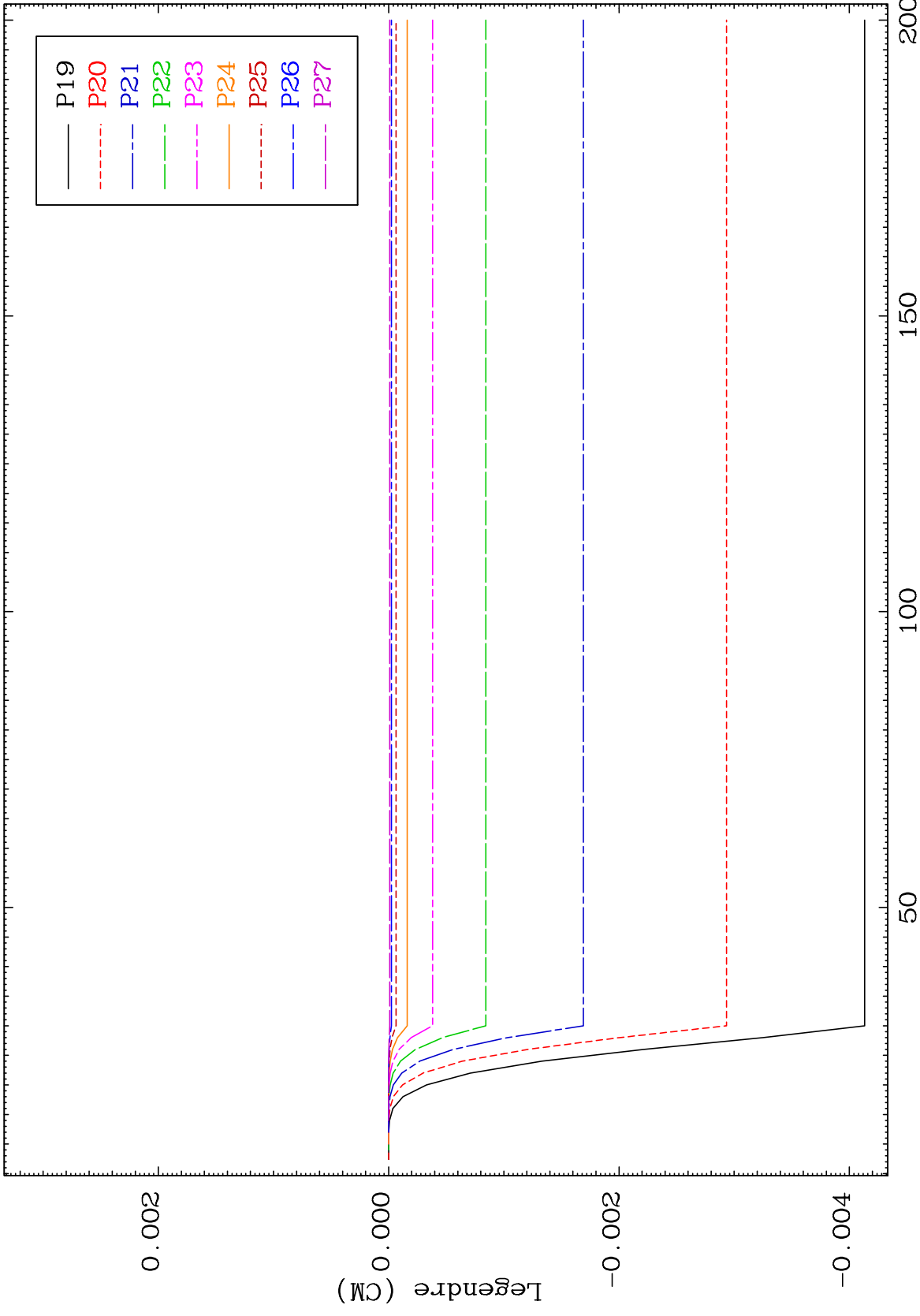
Incident Energy (MeV)

111

MAT 6010

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

60-Nd-137

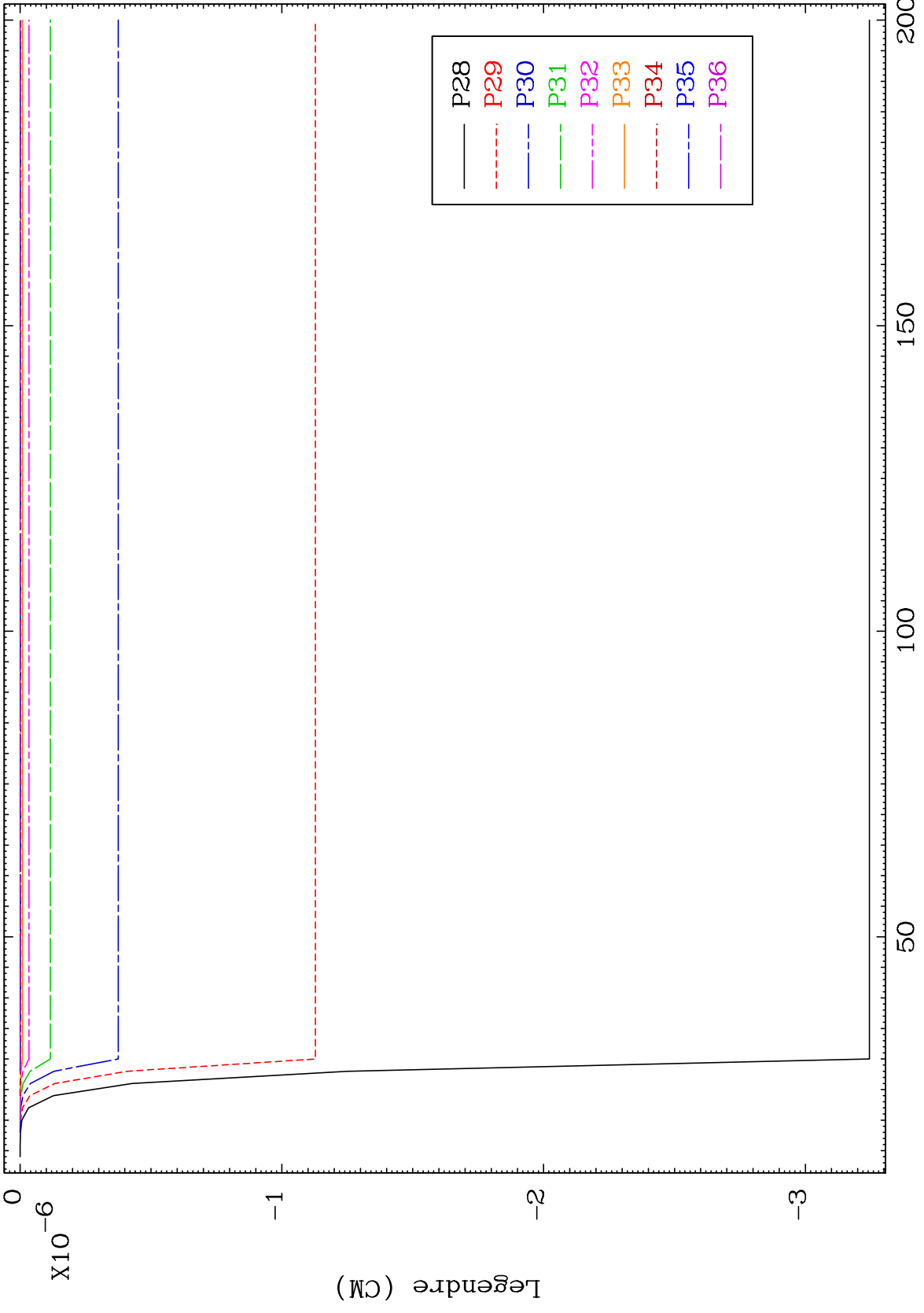


112

Incident Energy (MeV)

60-Nd-137

MAT 6010 MT= 75 (n,n') Level Legendre Coefficients 60-Nd-137

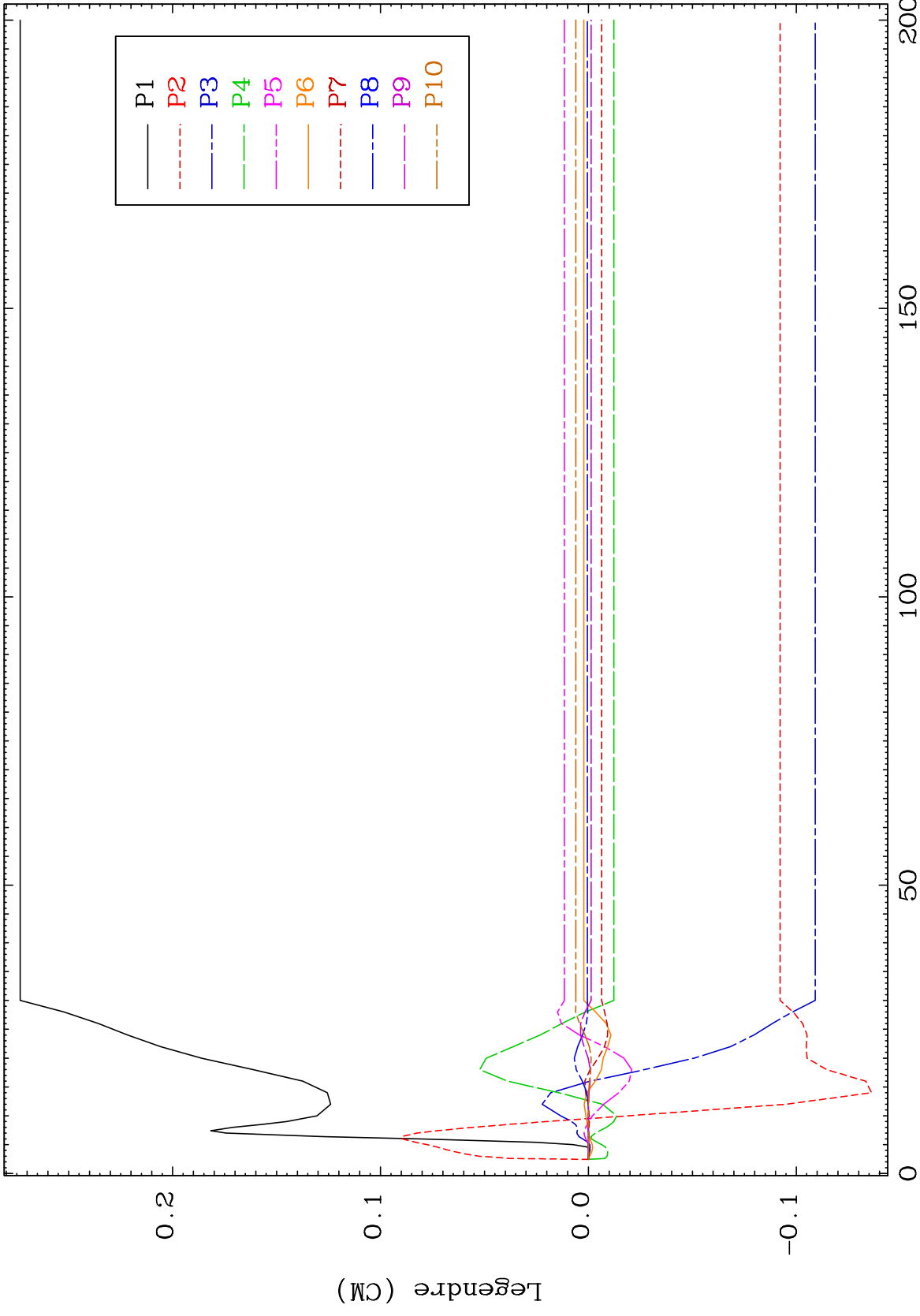


113 Incident Energy (MeV) 60-Nd-137

MAT 6010

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

60-Nd-137



114

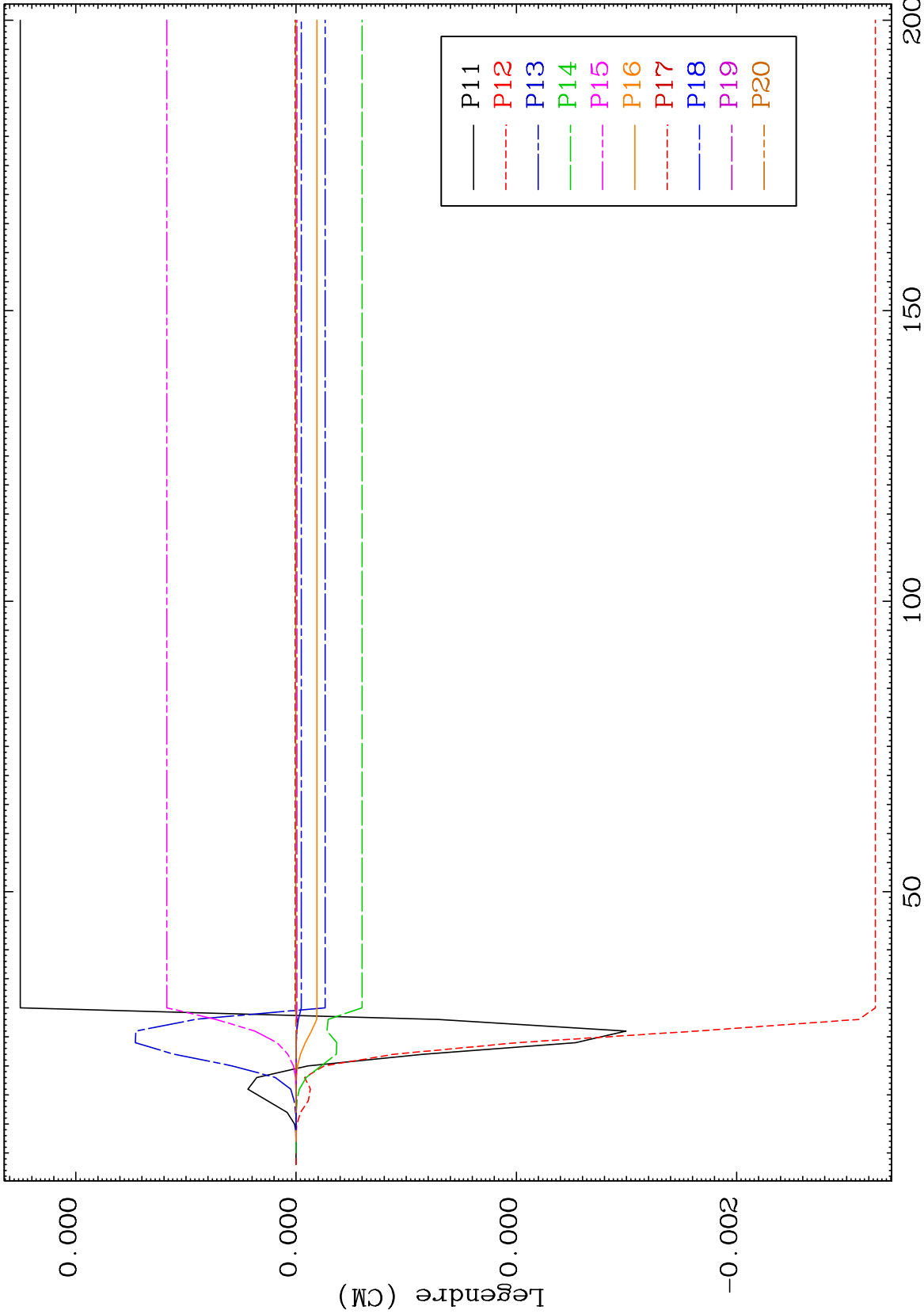
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137



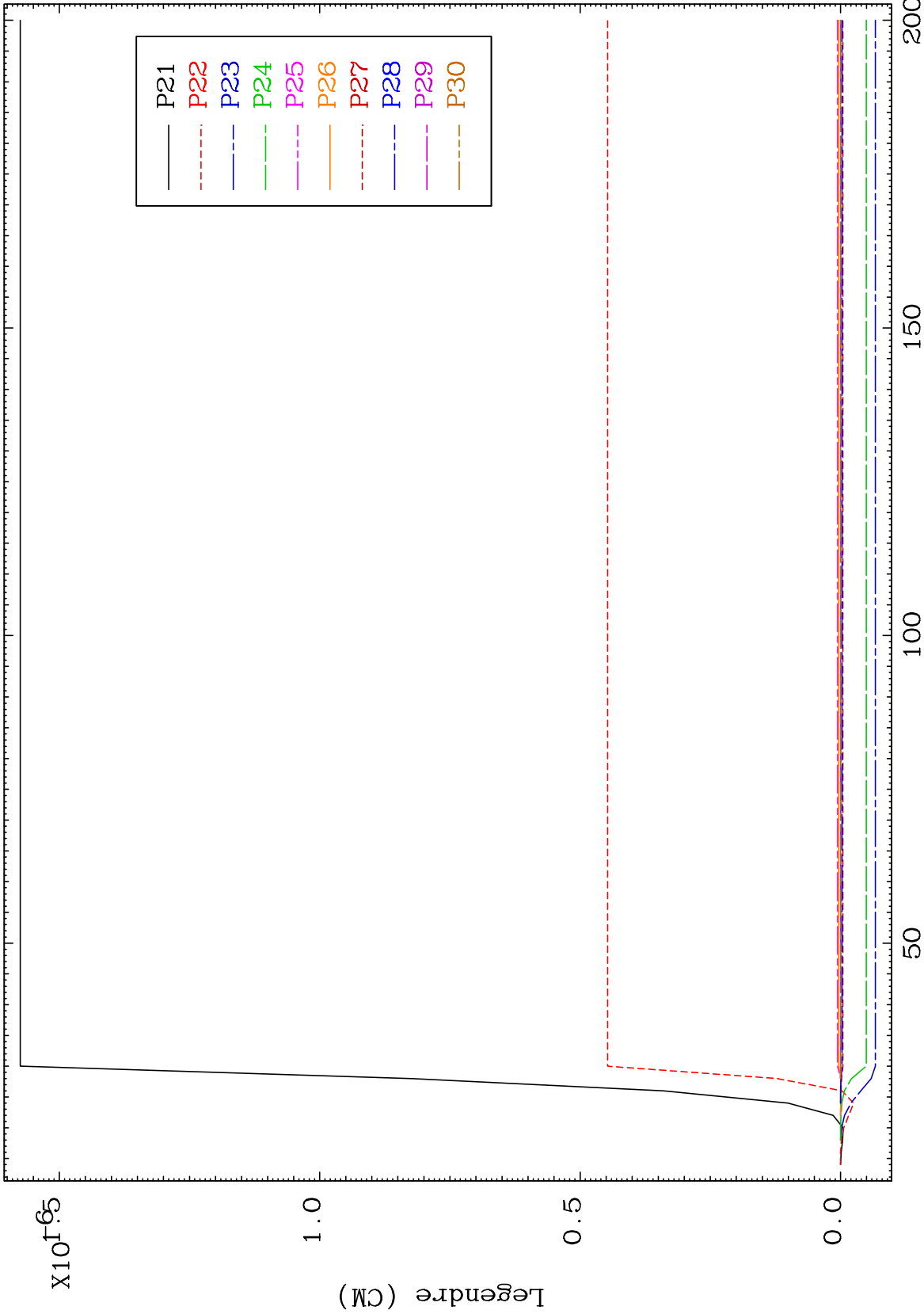
115

60-Nd-137

MAT 6010

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

60-Nd-137



116

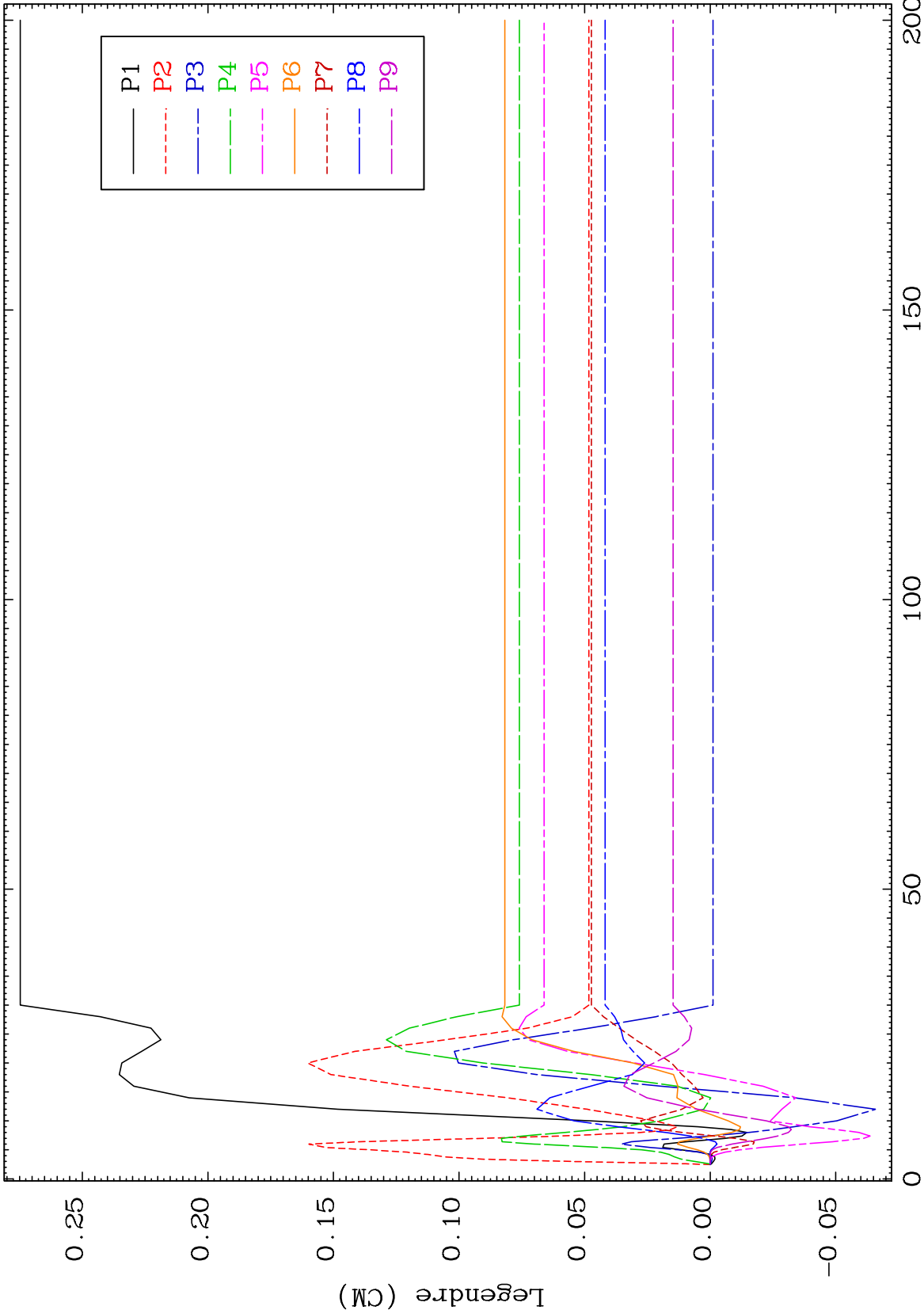
Incident Energy (MeV)

60-Nd-137

MAT 6010

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

60-Nd-137



60-Nd-137

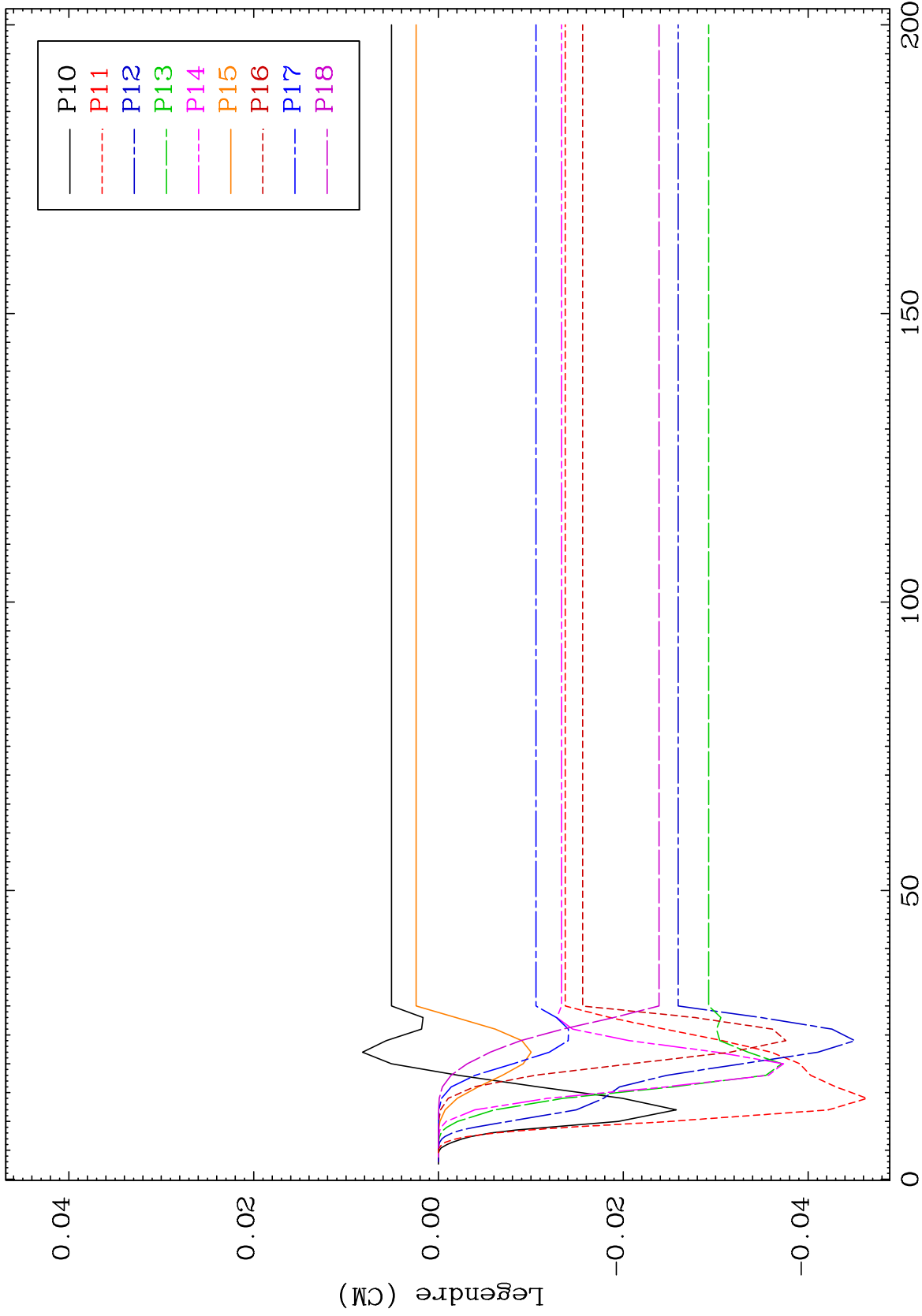
Incident Energy (MeV)

117

MAT 6010

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

60-Nd-137

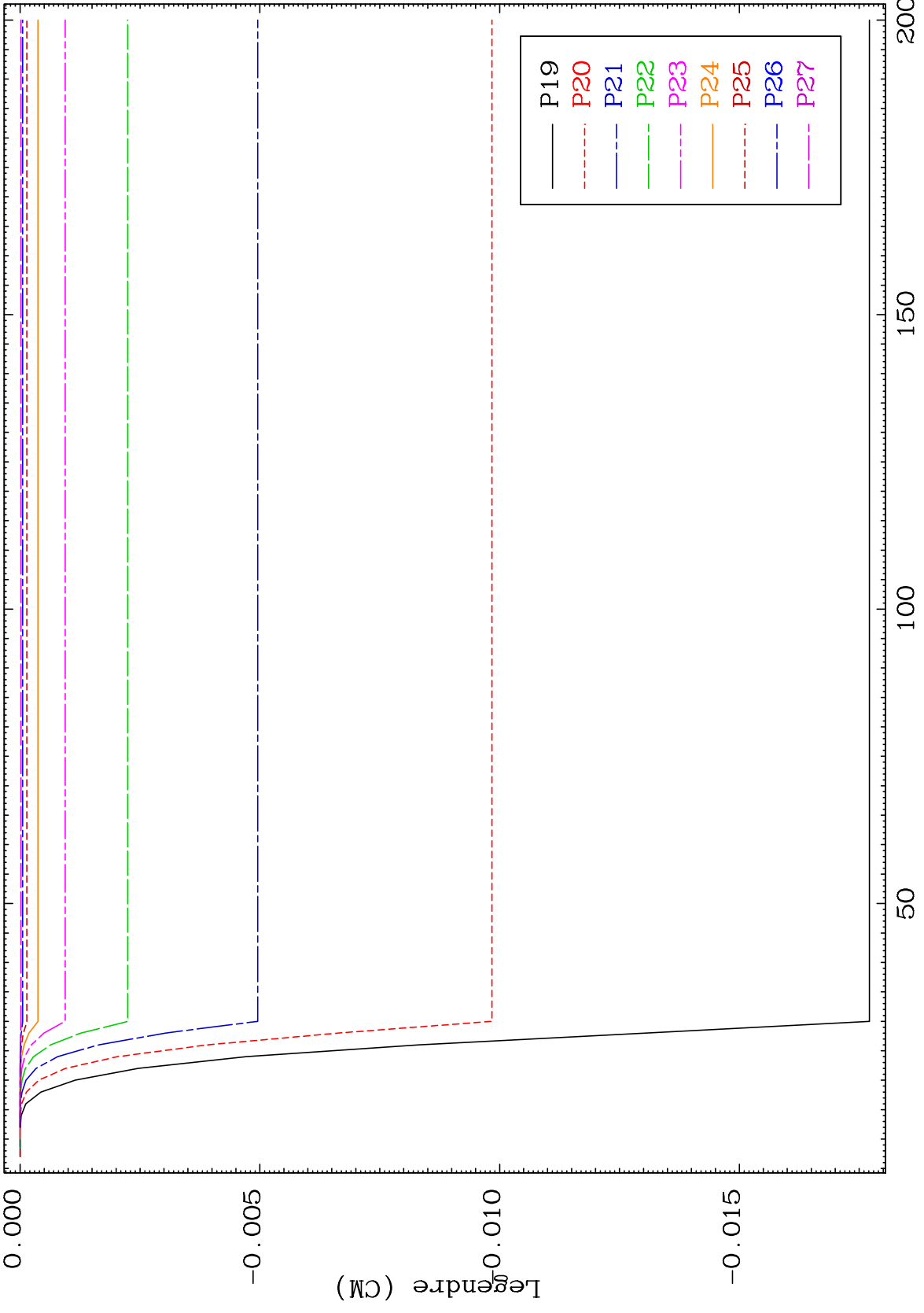


118

Incident Energy (MeV)

60-Nd-137

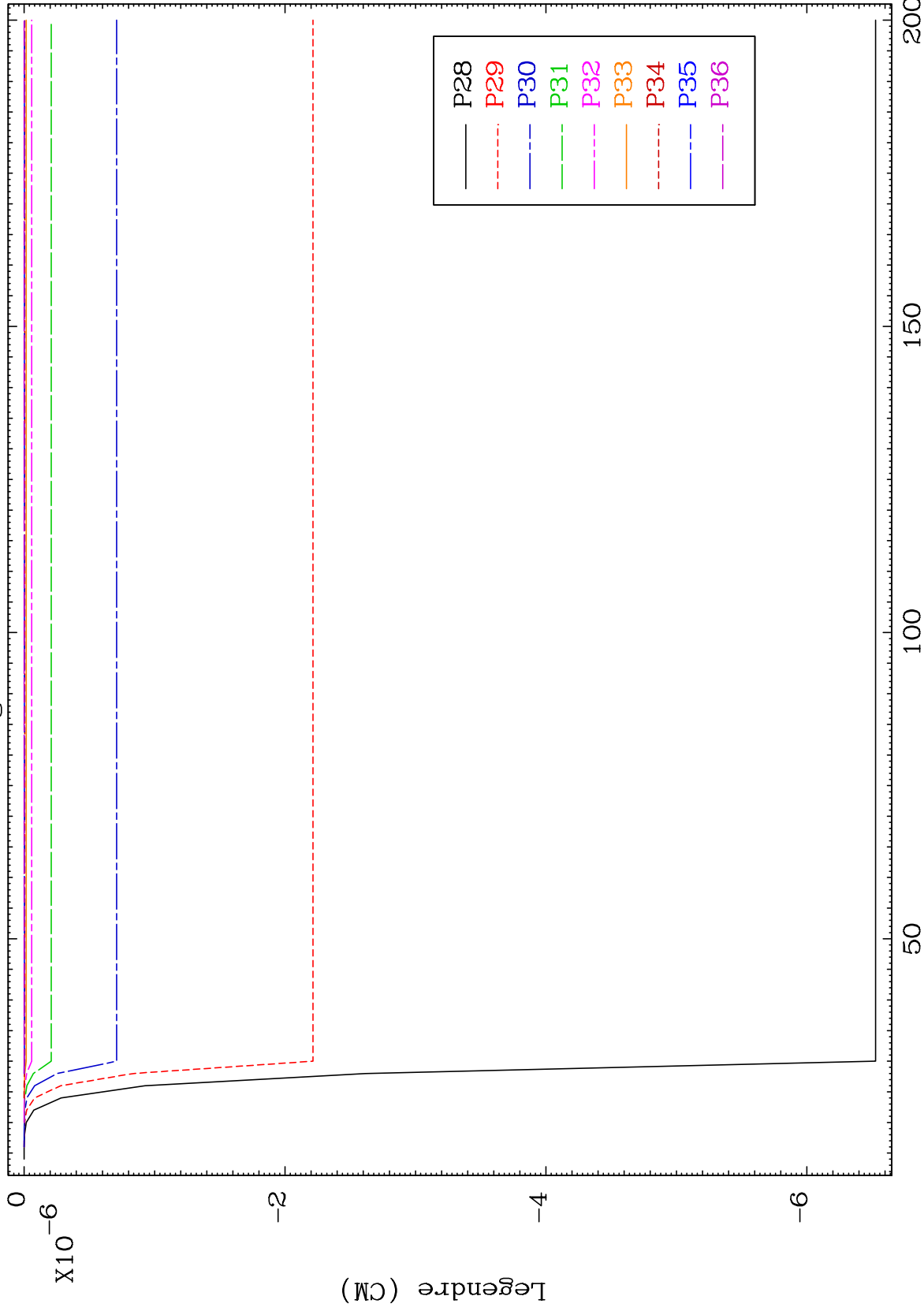
MAT 6010 MT= 77 (n,n') Level Legendre Coefficients 60-Nd-137



MAT 6010

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

60-Nd-137



60-Nd-137

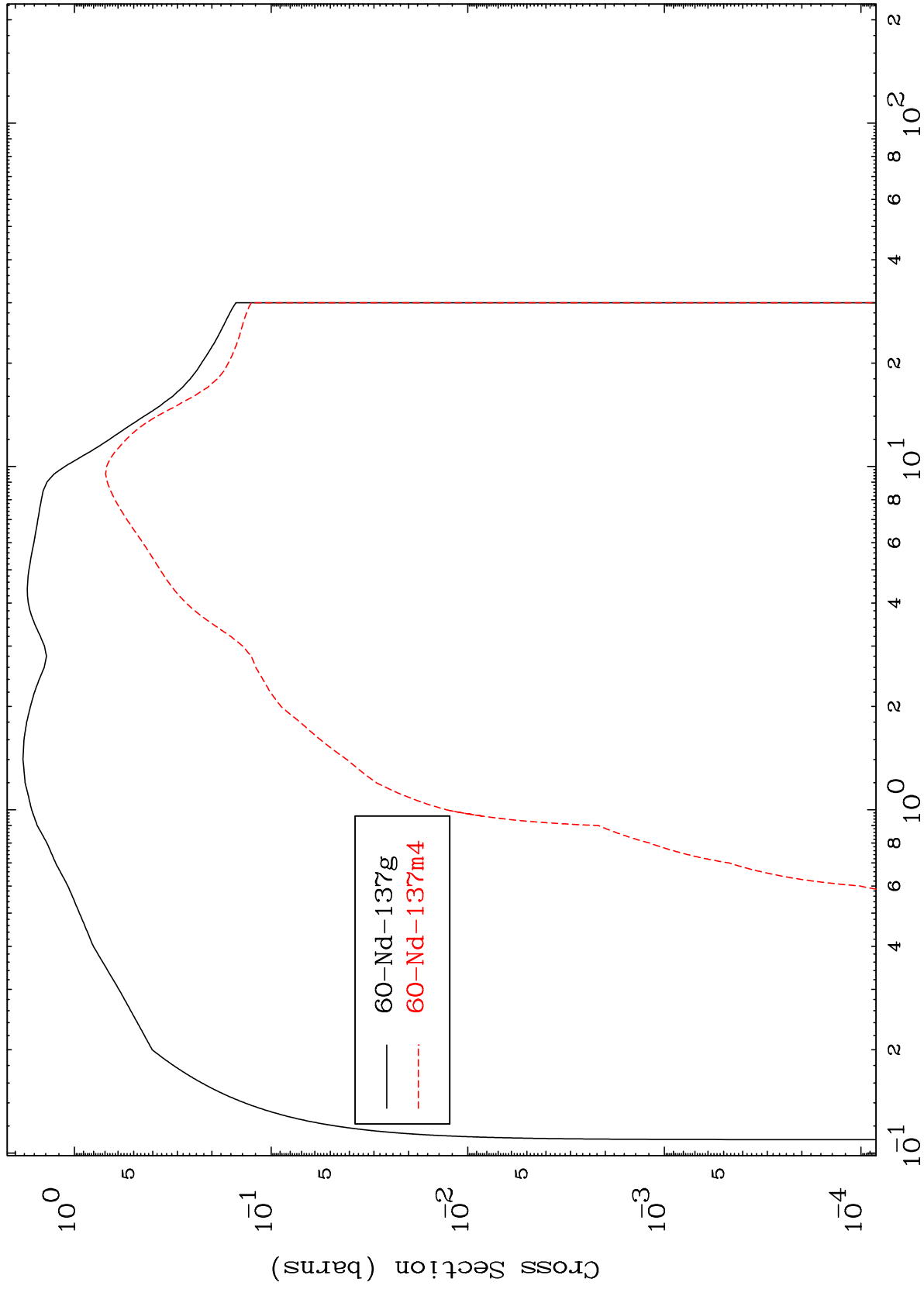
Incident Energy (MeV)

120

MAT 6010

Inelastic Radionuclide Production Cross Section

60-Nd-137



121

Incident Energy (MeV)

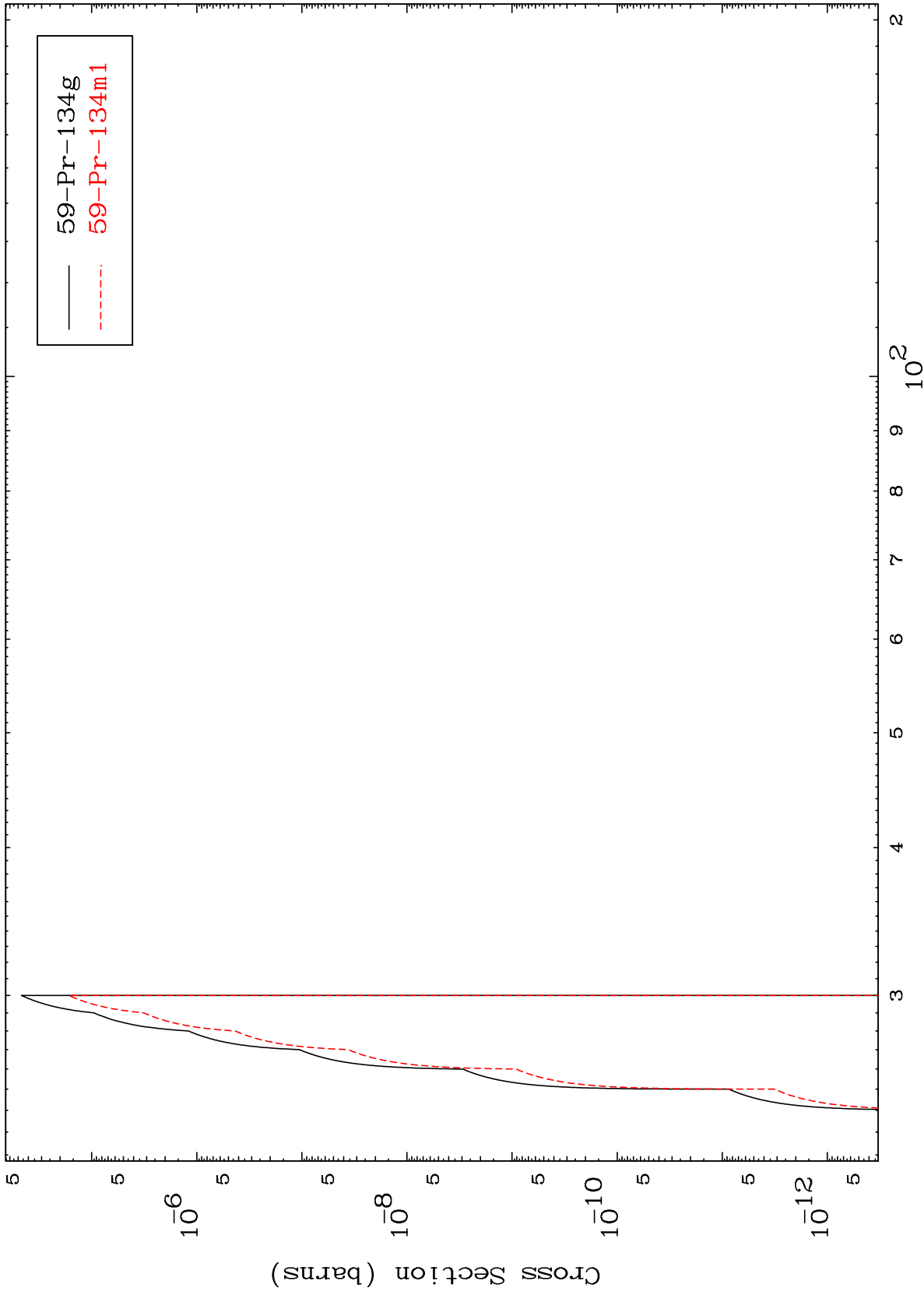
60-Nd-137

MAT 6010

(n,2n) d

60-Nd-137

Radionuclide Production Cross Section



122

Incident Energy (MeV)

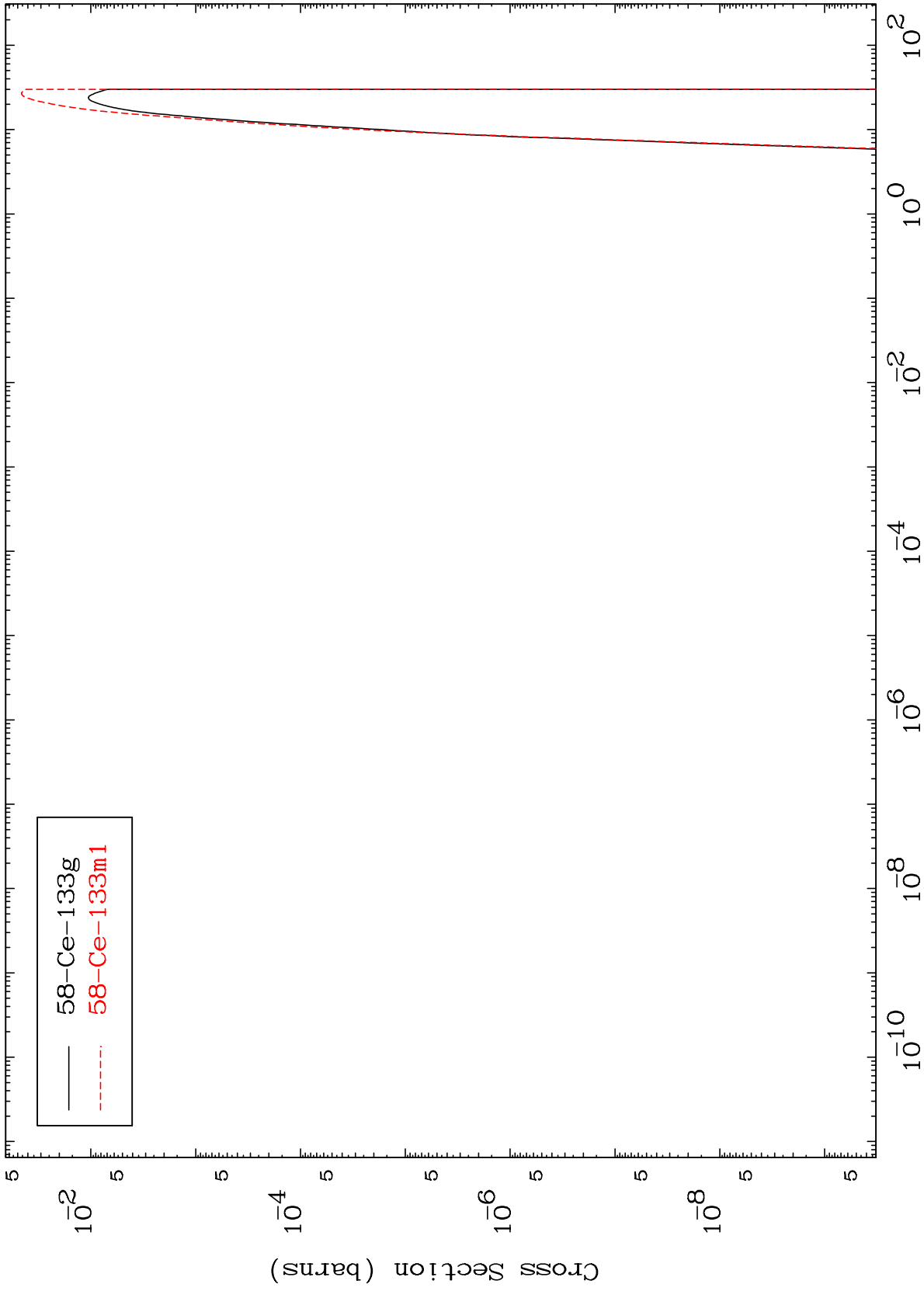
60-Nd-137

MAT 6010

(n,n') α

60-Nd-137

Radionuclide Production Cross Section



123

Incident Energy (MeV)

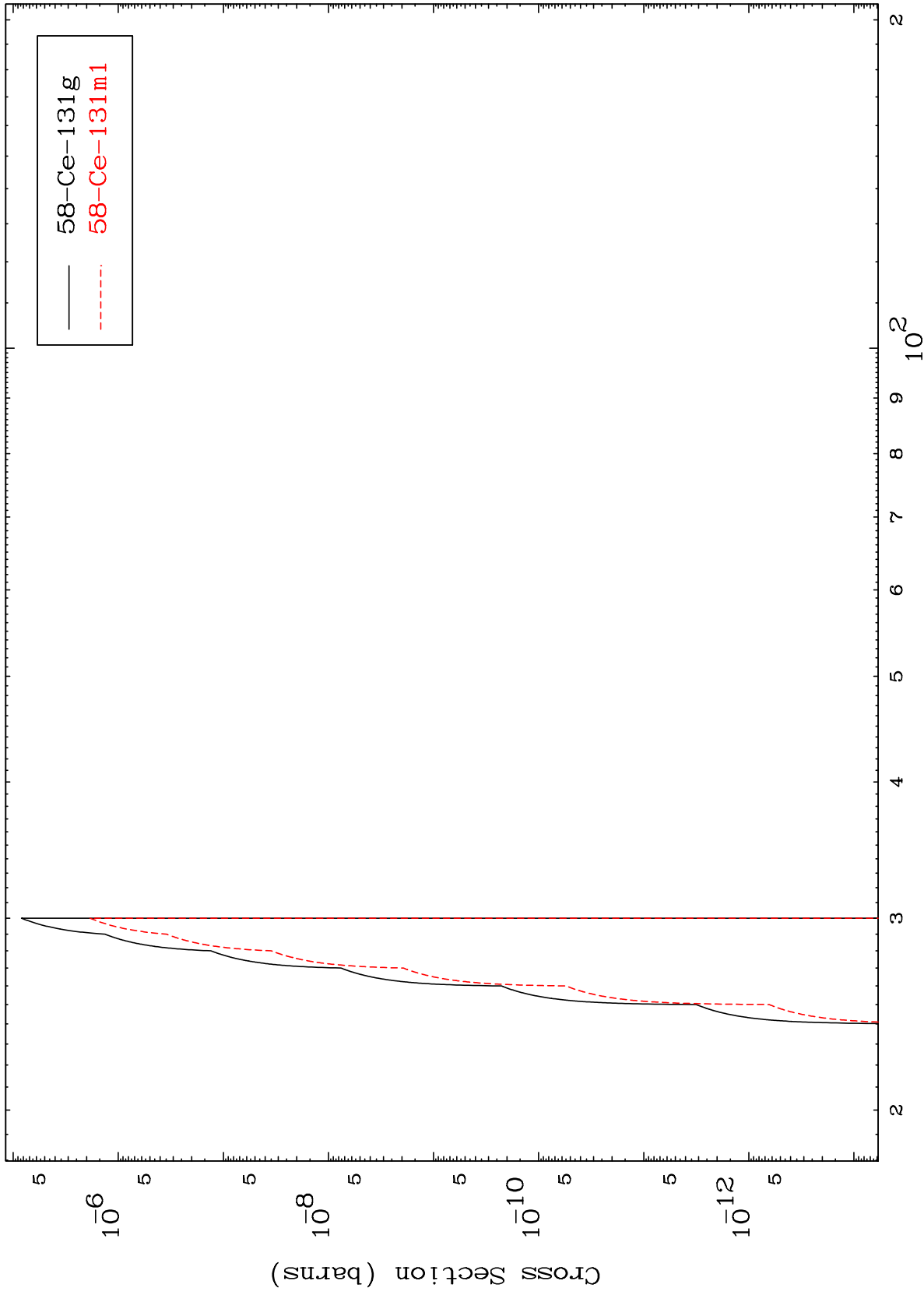
60-Nd-137

MAT 6010

(n,3n) α

60-Nd-137

Radionuclide Production Cross Section



124

Incident Energy (MeV)

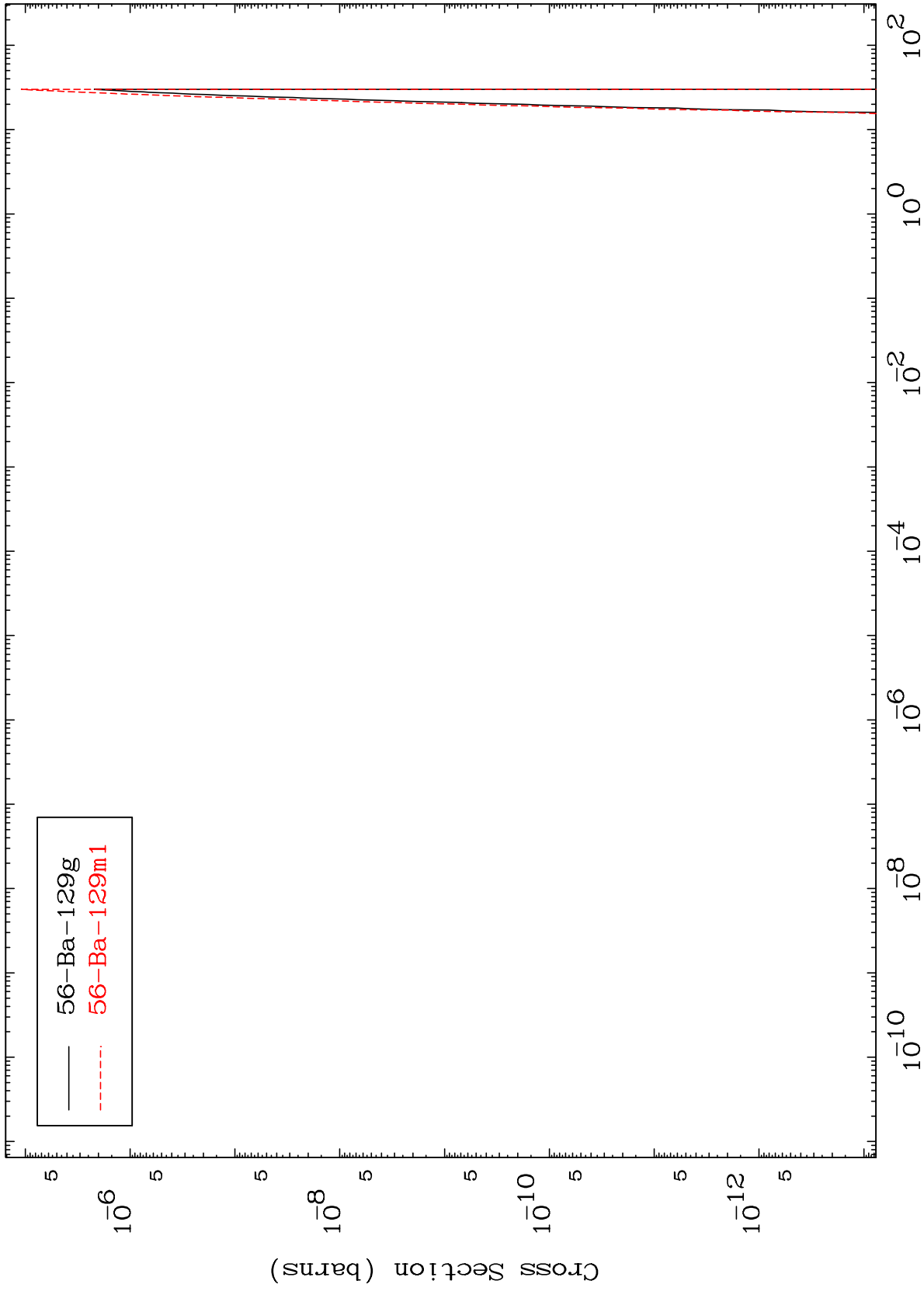
60-Nd-137

MAT 6010

(n,n') 2 α

60-Nd-137

Radionuclide Production Cross Section



125

Incident Energy (MeV)

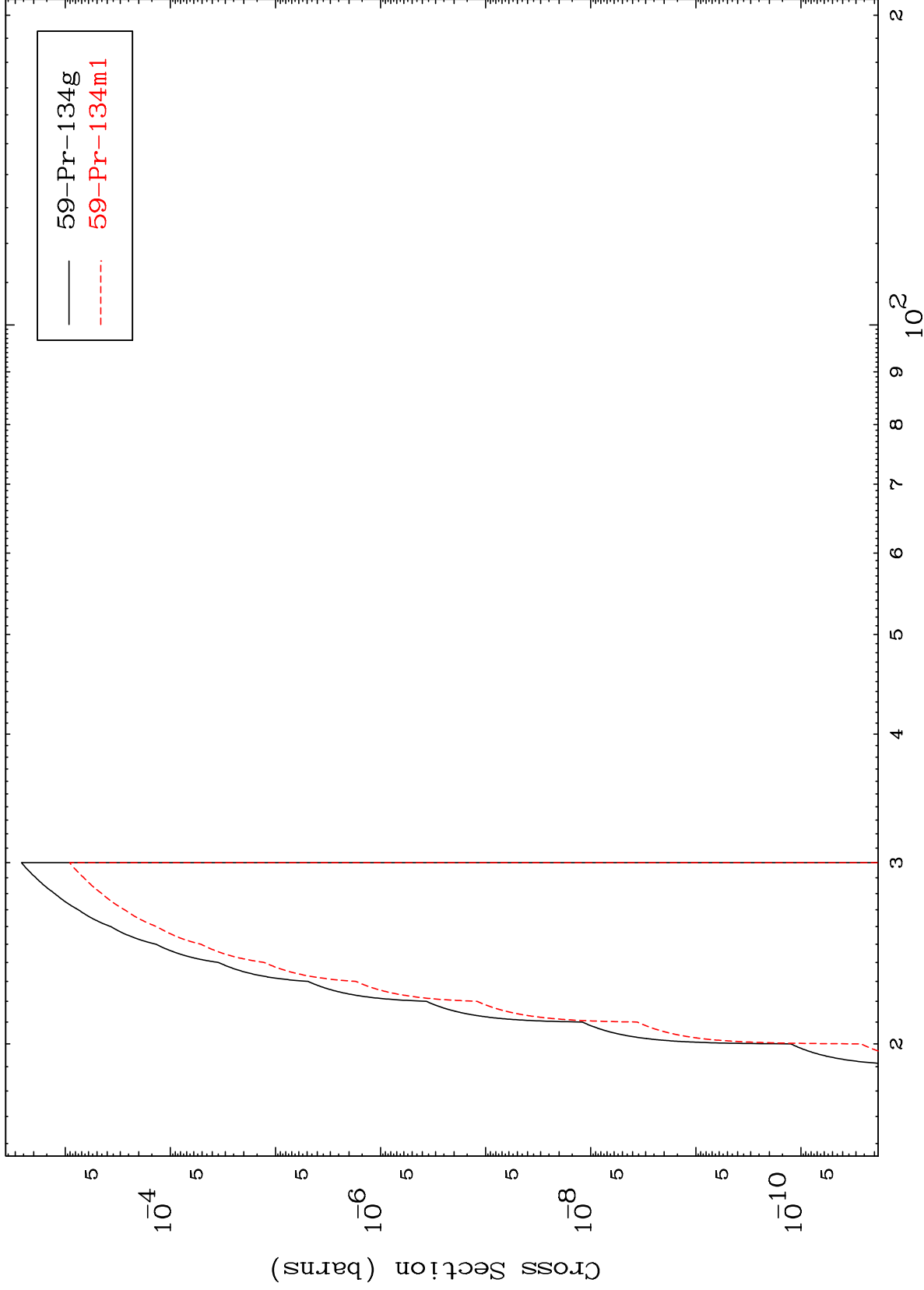
60-Nd-137

MAT 6010

(n,n') t

60-Nd-137

Radionuclide Production Cross Section



126

Incident Energy (MeV)

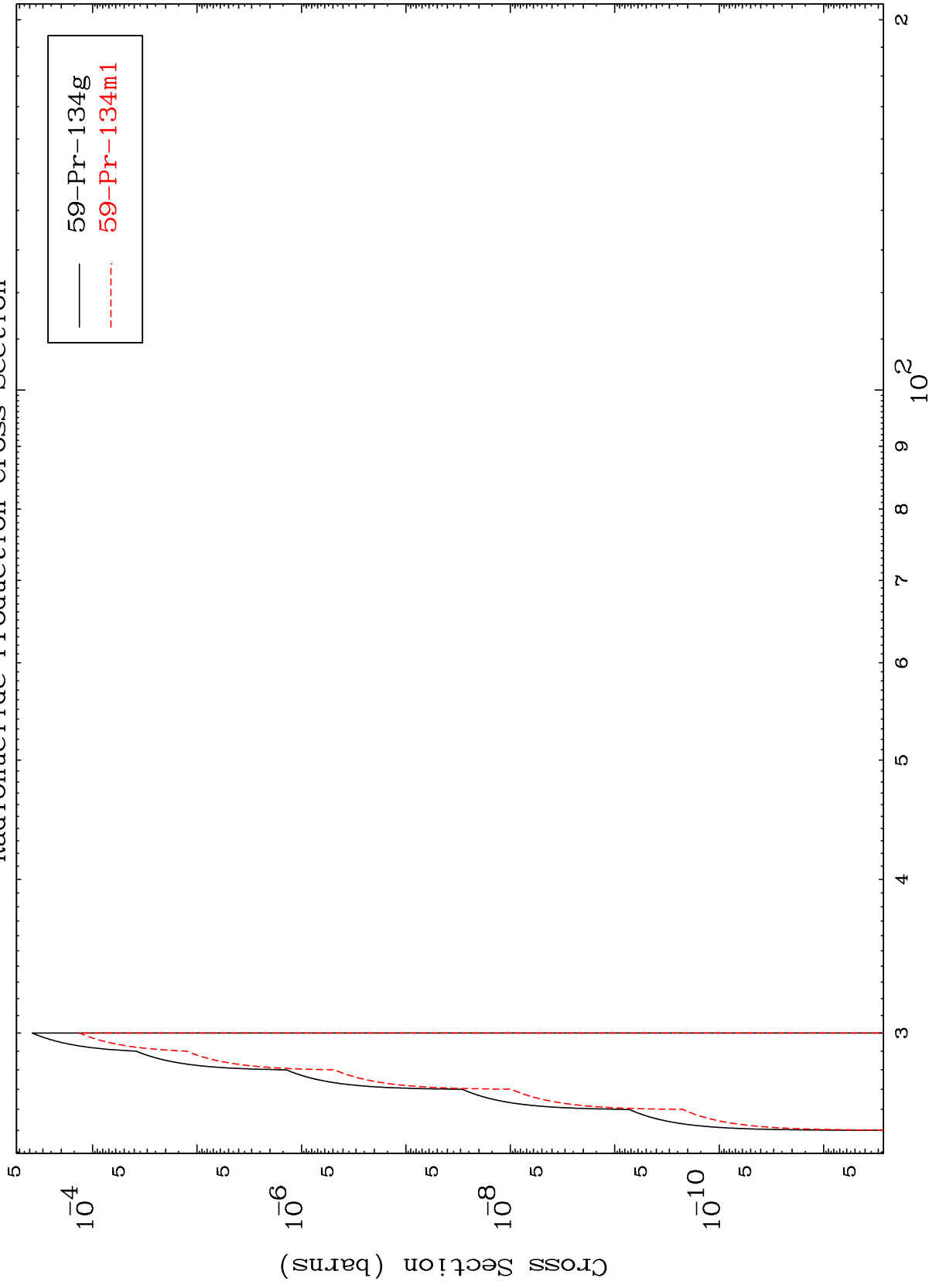
60-Nd-137

MAT 6010

(n,3n) p

60-Nd-137

Radionuclide Production Cross Section



127

Incident Energy (MeV)

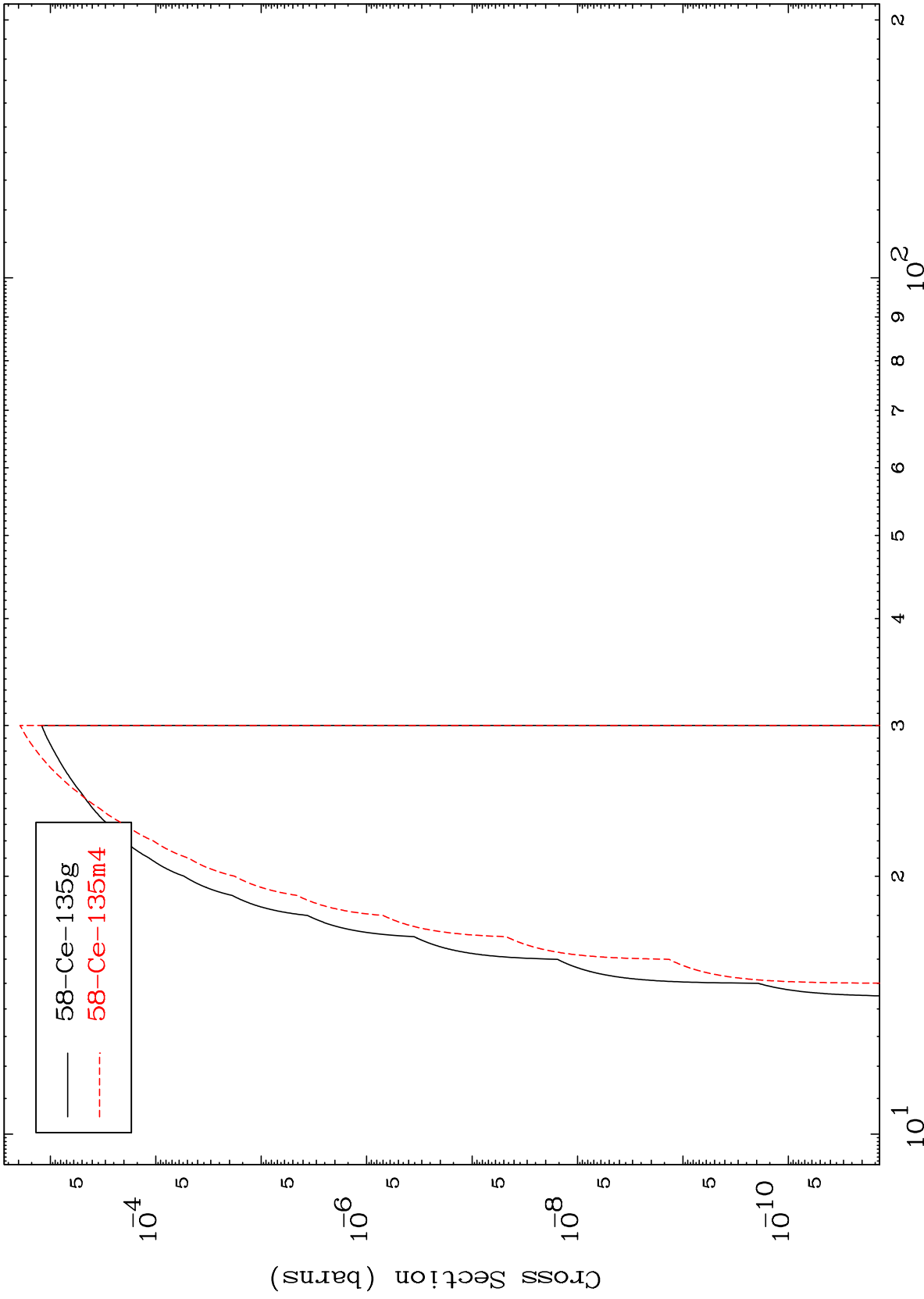
60-Nd-137

MAT 6010

(n,2n) p

60-Nd-137

Radionuclide Production Cross Section



128

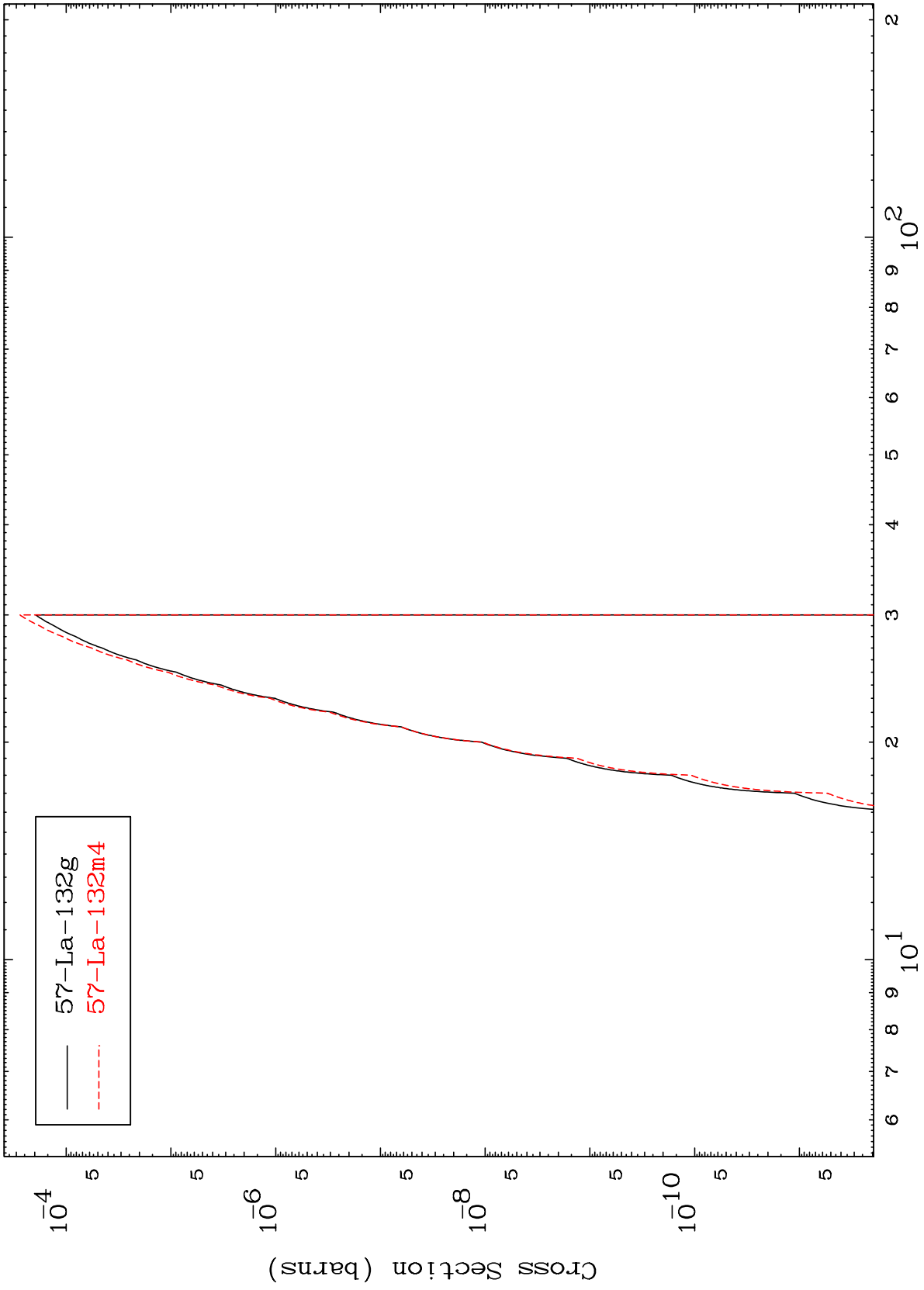
Incident Energy (MeV)

60-Nd-137

MAT 6010

60-Nd-137

(n,n') p α
Radionuclide Production Cross Section



129

60-Nd-137

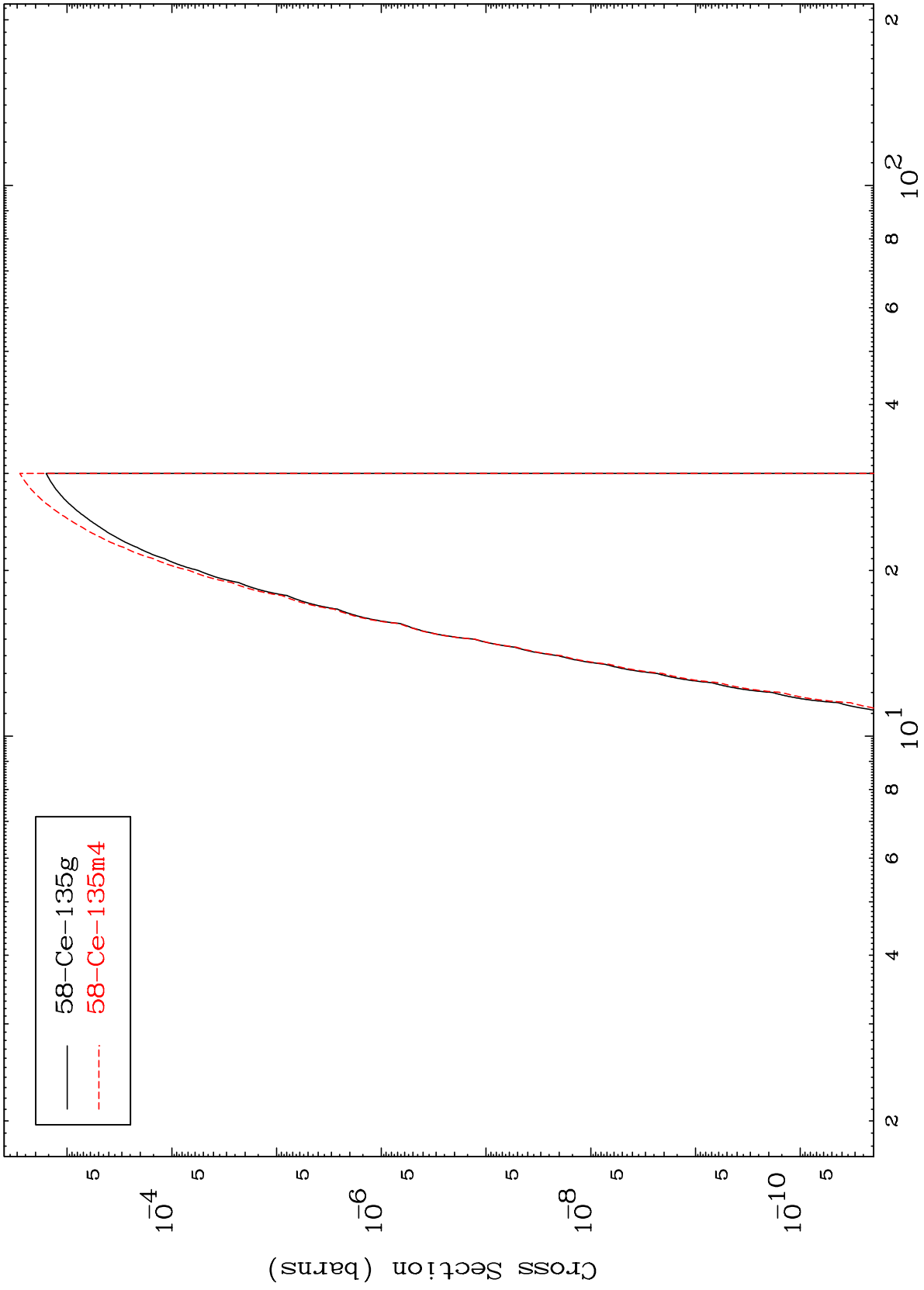
Incident Energy (MeV)

MAT 6010

(n, He-3)

60-Nd-137

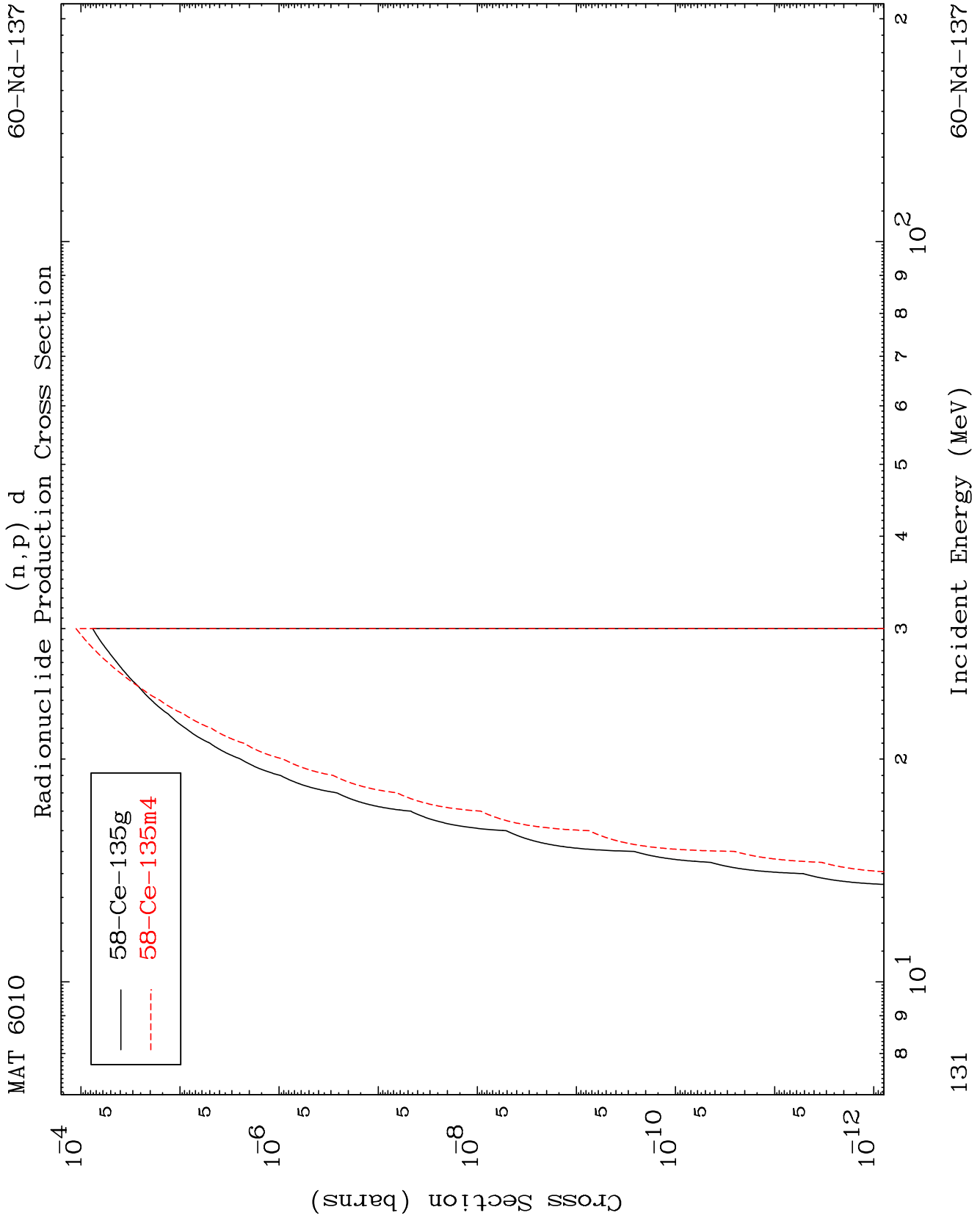
Radionuclide Production Cross Section



130

Incident Energy (MeV)

60-Nd-137

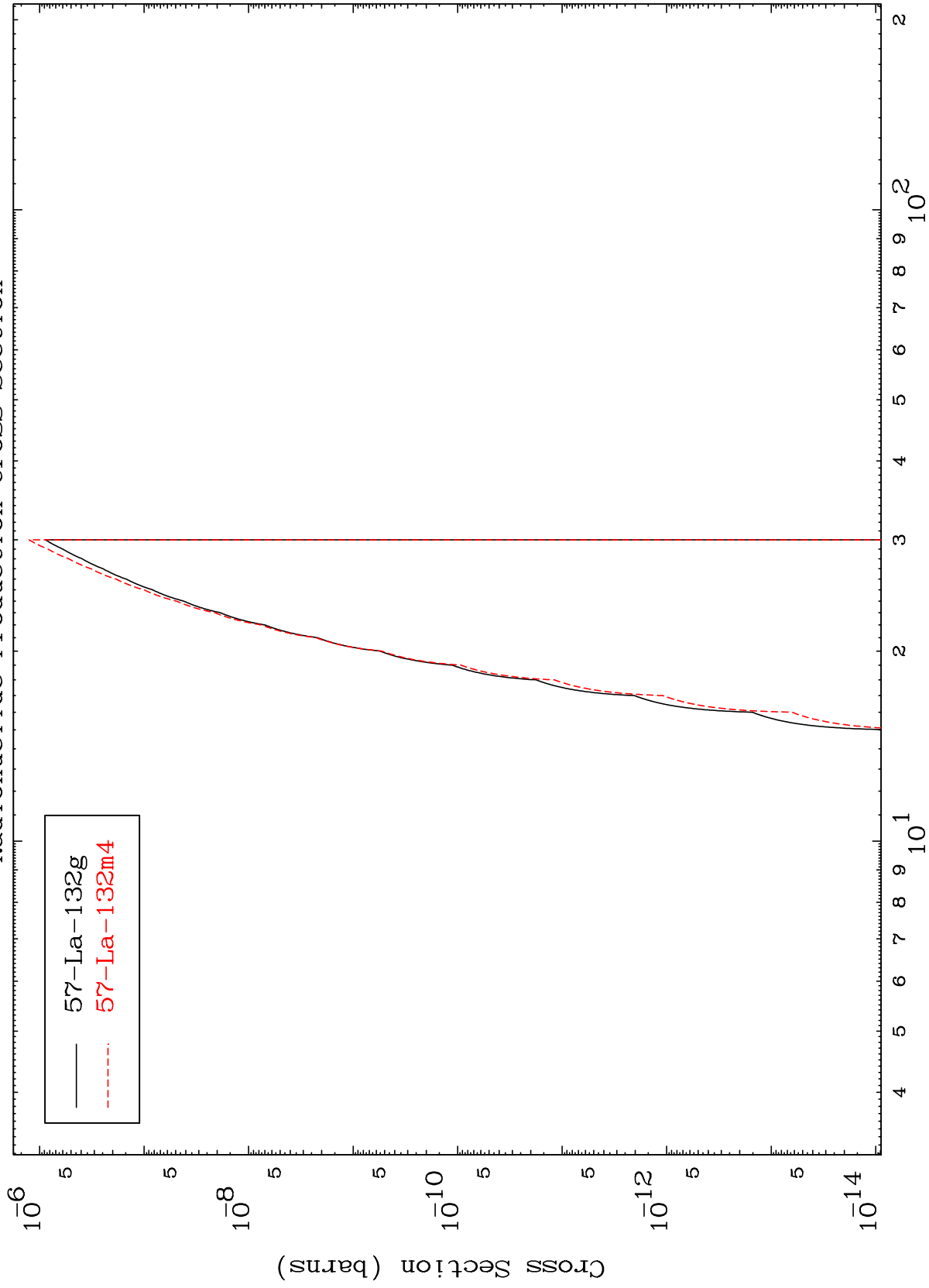


MAT 6010

(n,d) α

60-Nd-137

Radionuclide Production Cross Section



132

Incident Energy (MeV)

60-Nd-137