

Program EVALPLOT
(Version 2017-1)

by

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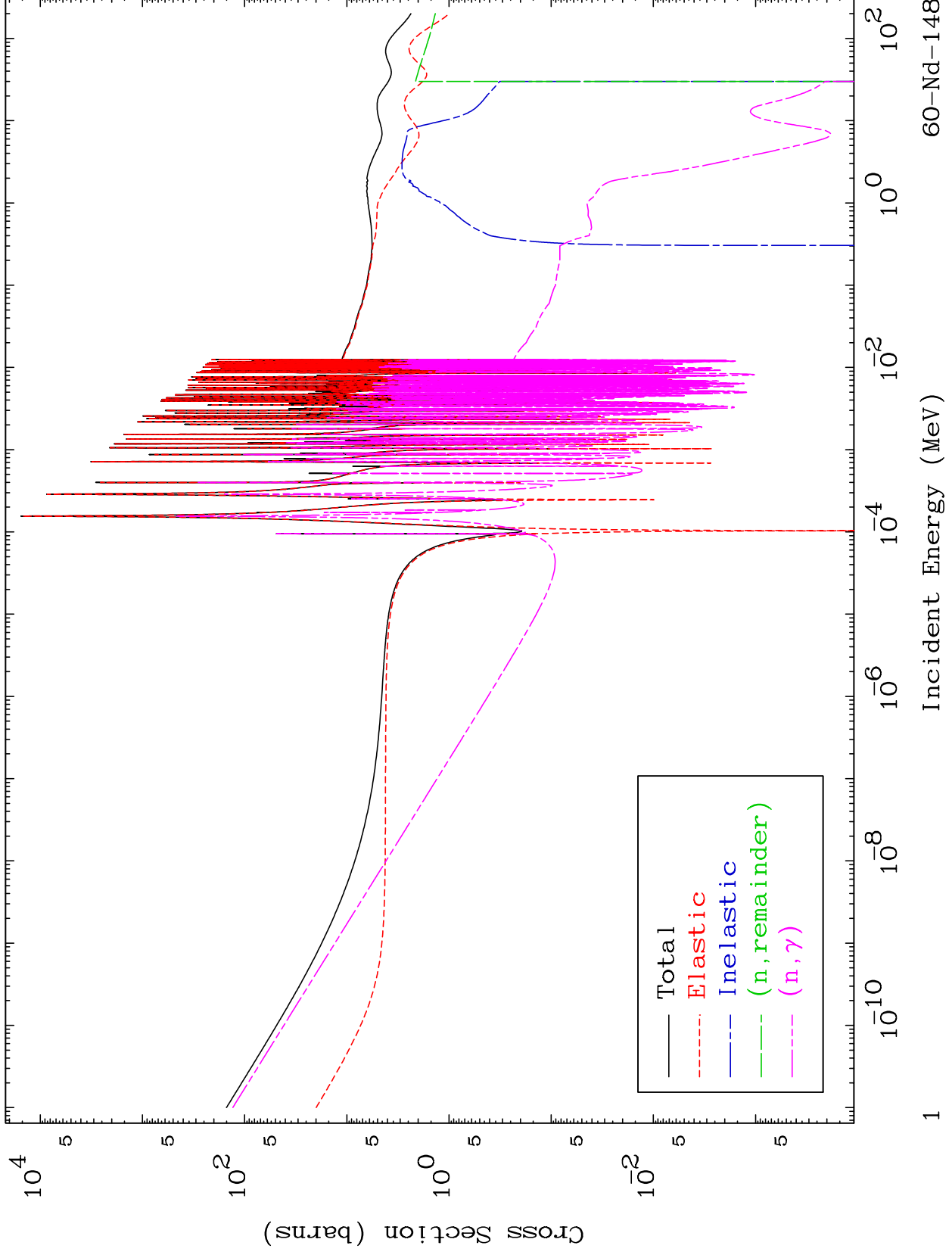
Press Mouse Button to Start

MAT 6043

Major

293 Kelvin Cross Sections

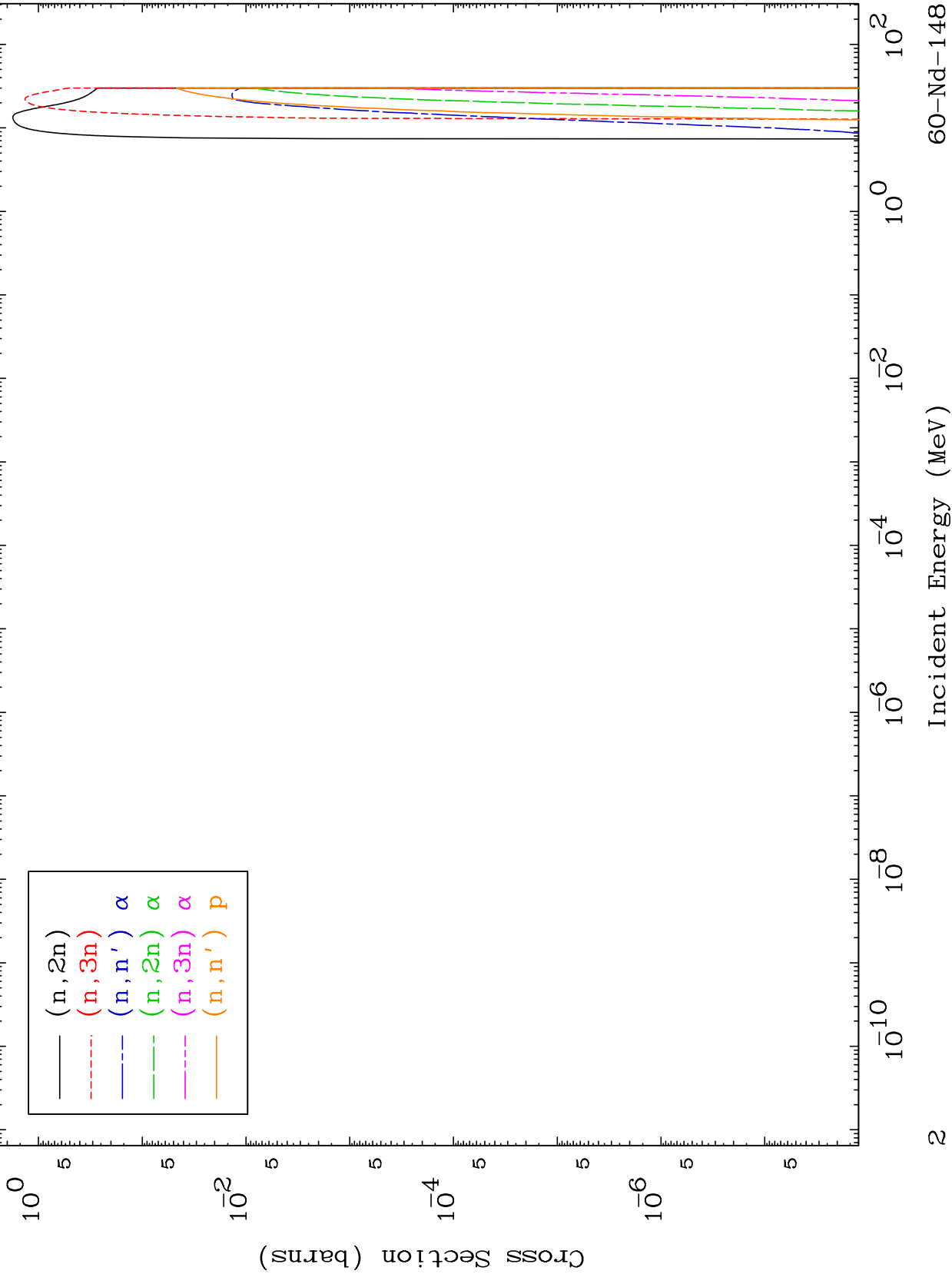
60-Nd-148

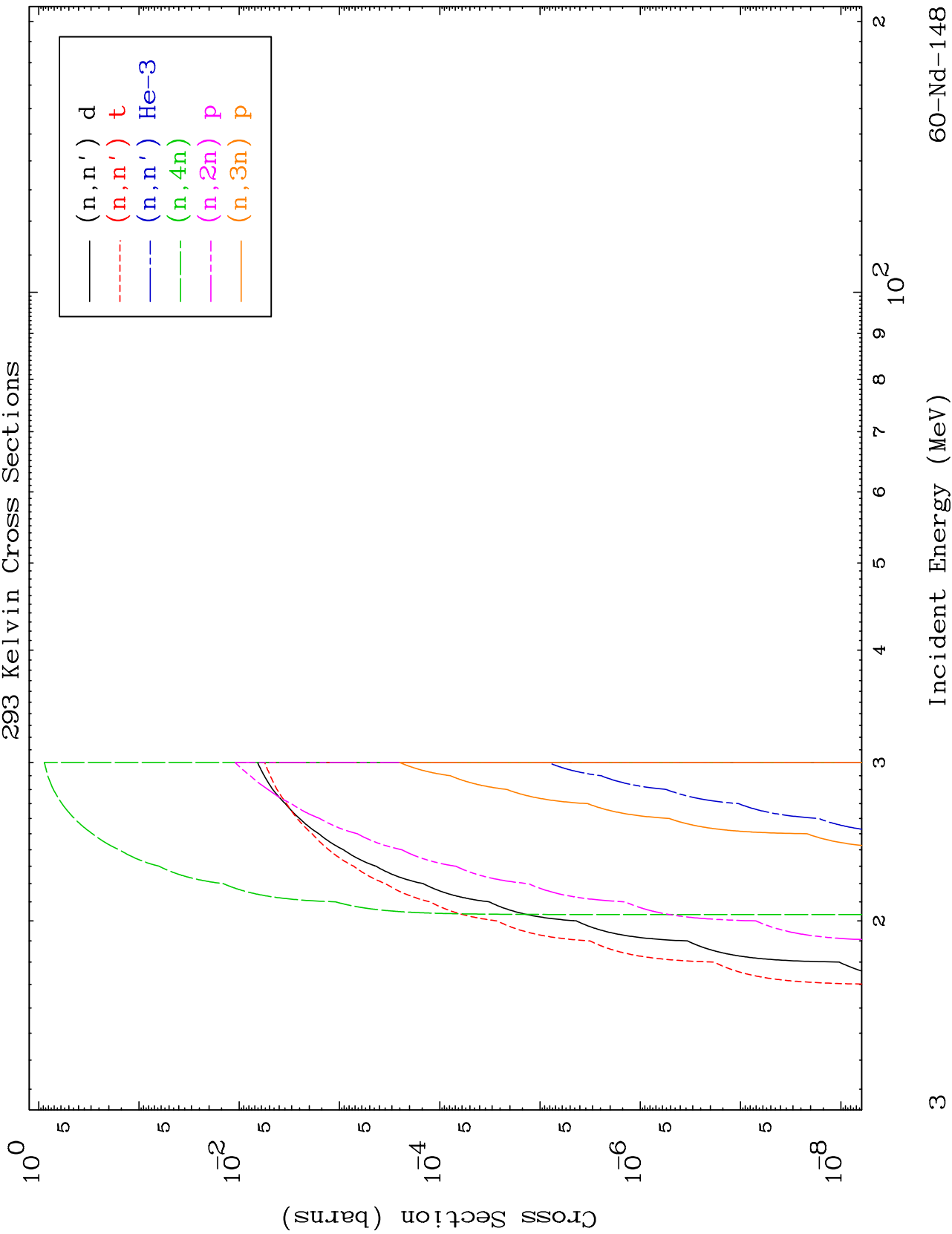


MAT 6043

Neutron Production
293 Kelvin Cross Sections

60-Nd-148

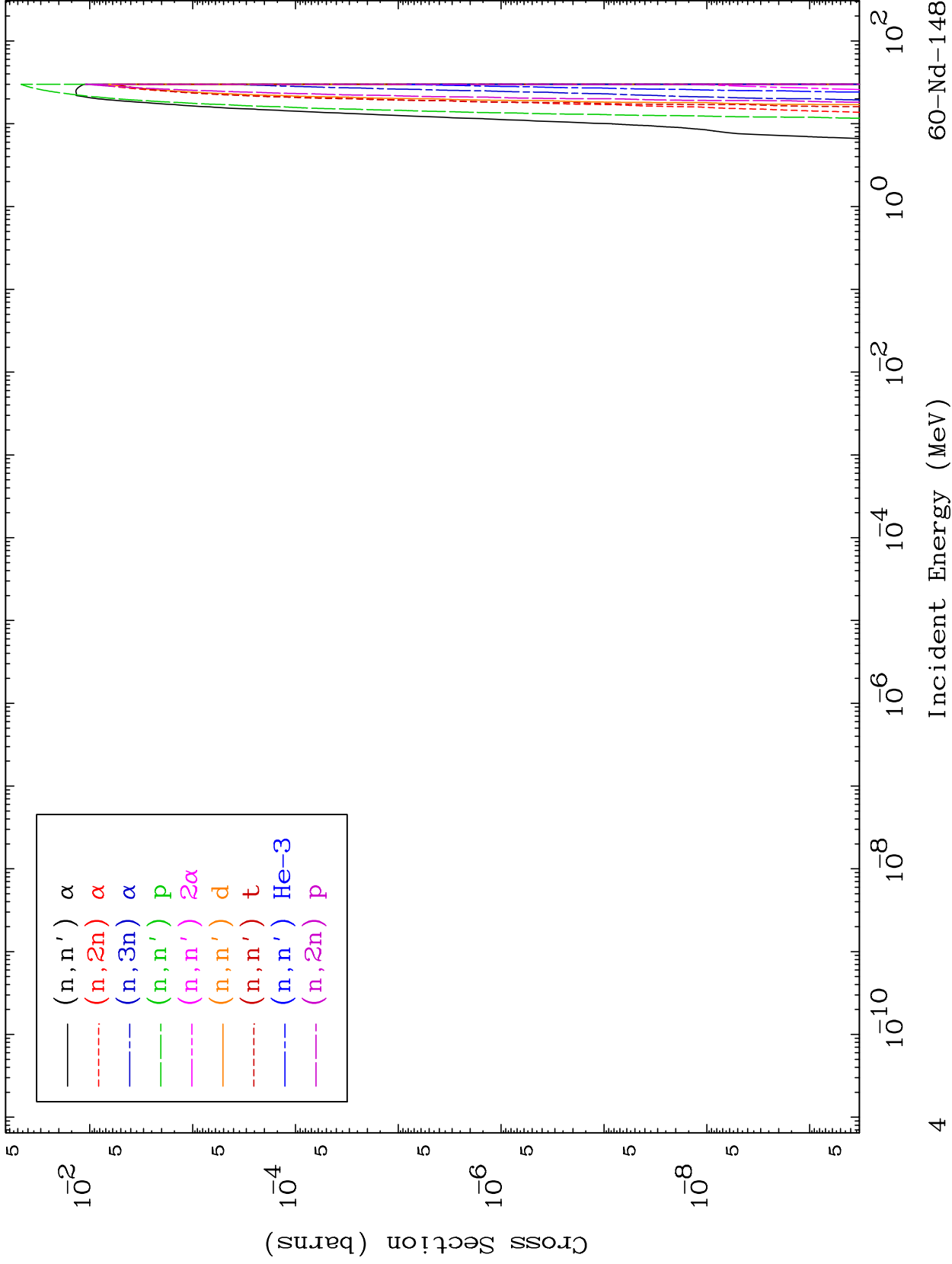




MAT 6043

Charged Particle
293 Kelvin Cross Sections

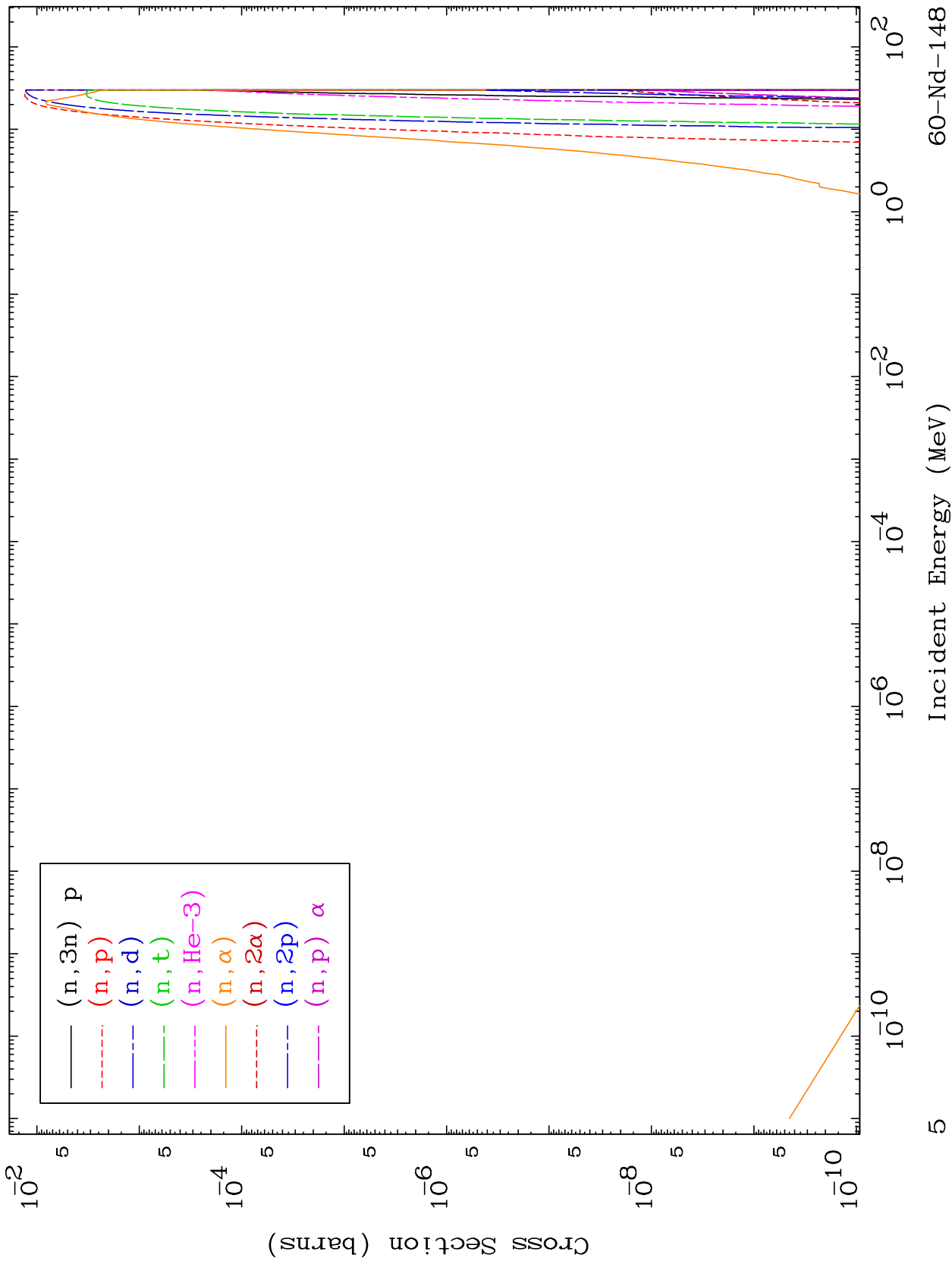
60-Nd-148



MAT 6043

Charged Particle
293 Kelvin Cross Sections

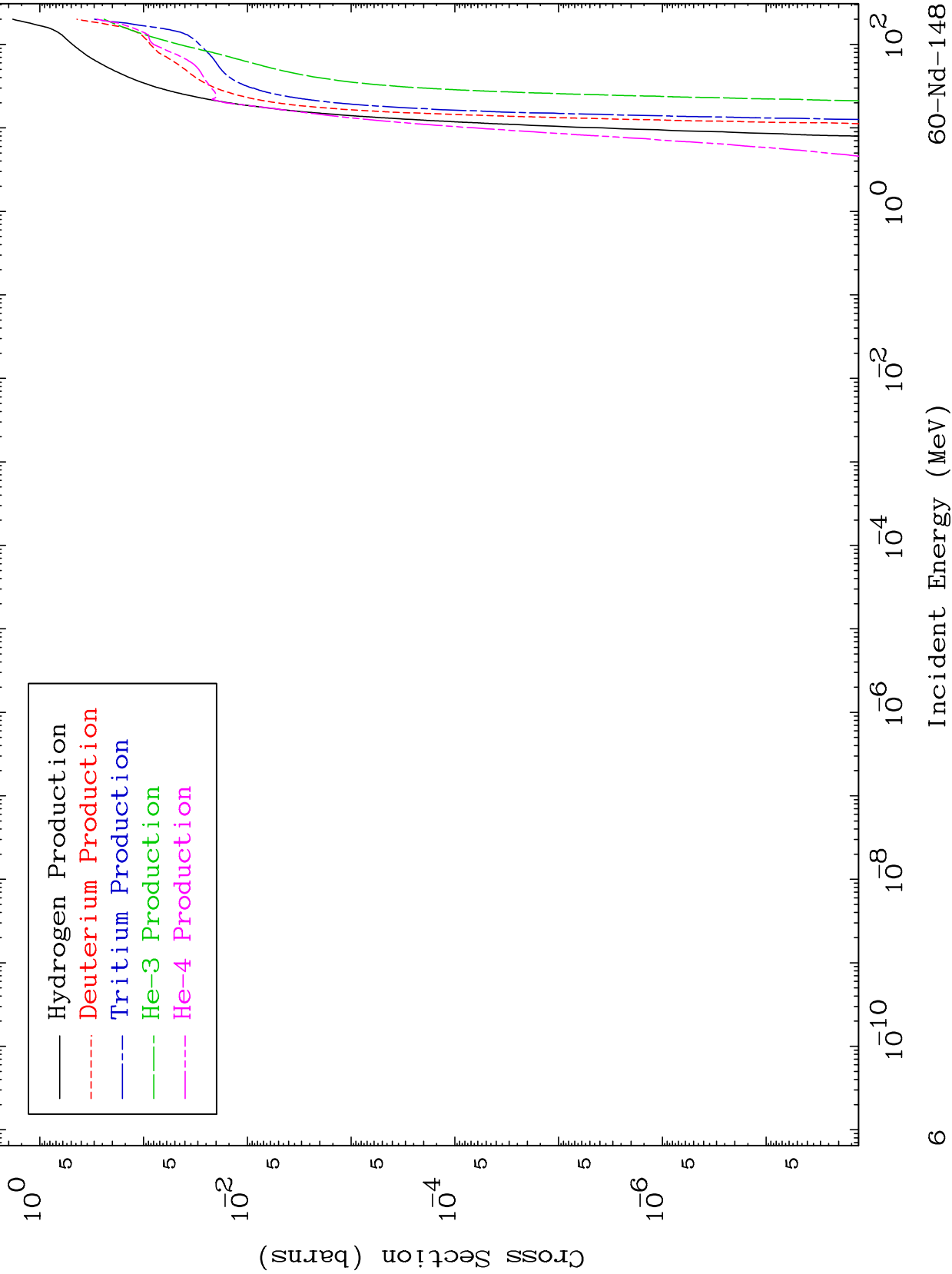
60-Nd-148



MAT 6043

Particle Production
293 Kelvin Cross Sections

60-Nd-148

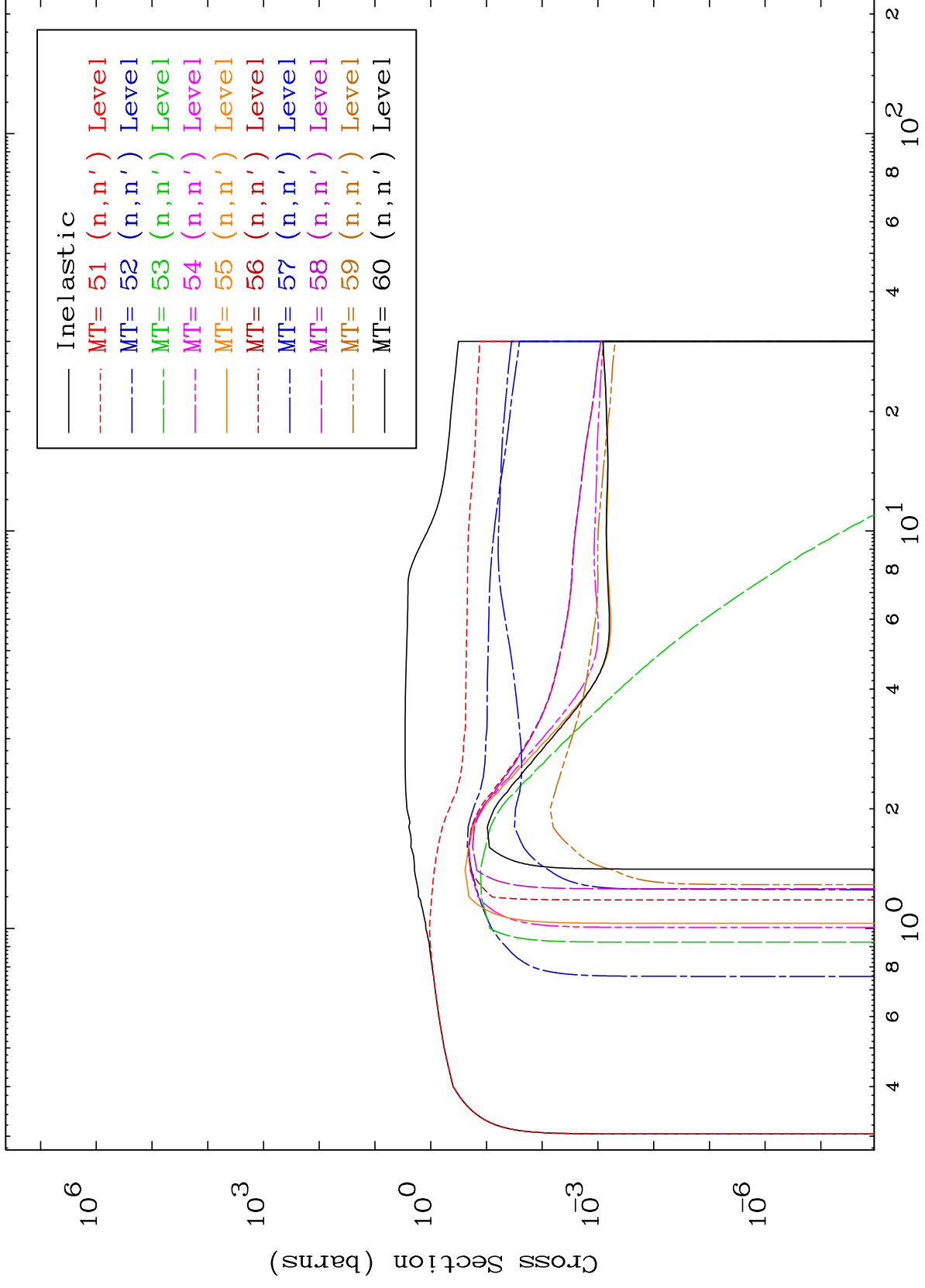


MAT 6043

(n,n') Level

60-Nd-148

293 Kelvin Cross Sections

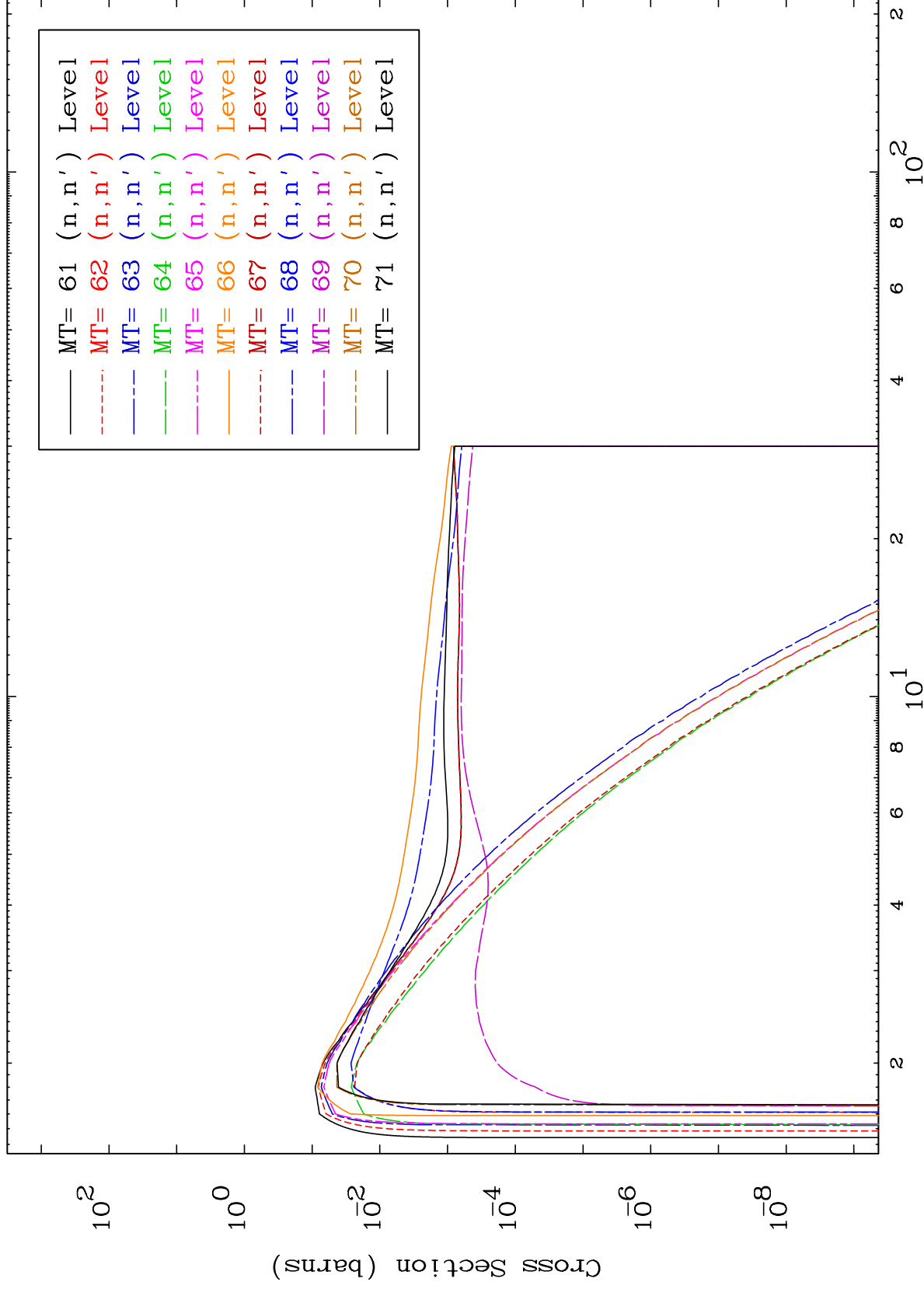


MAT 6043

(n,n') Level

60-Nd-148

293 Kelvin Cross Sections



8

Incident Energy (MeV)

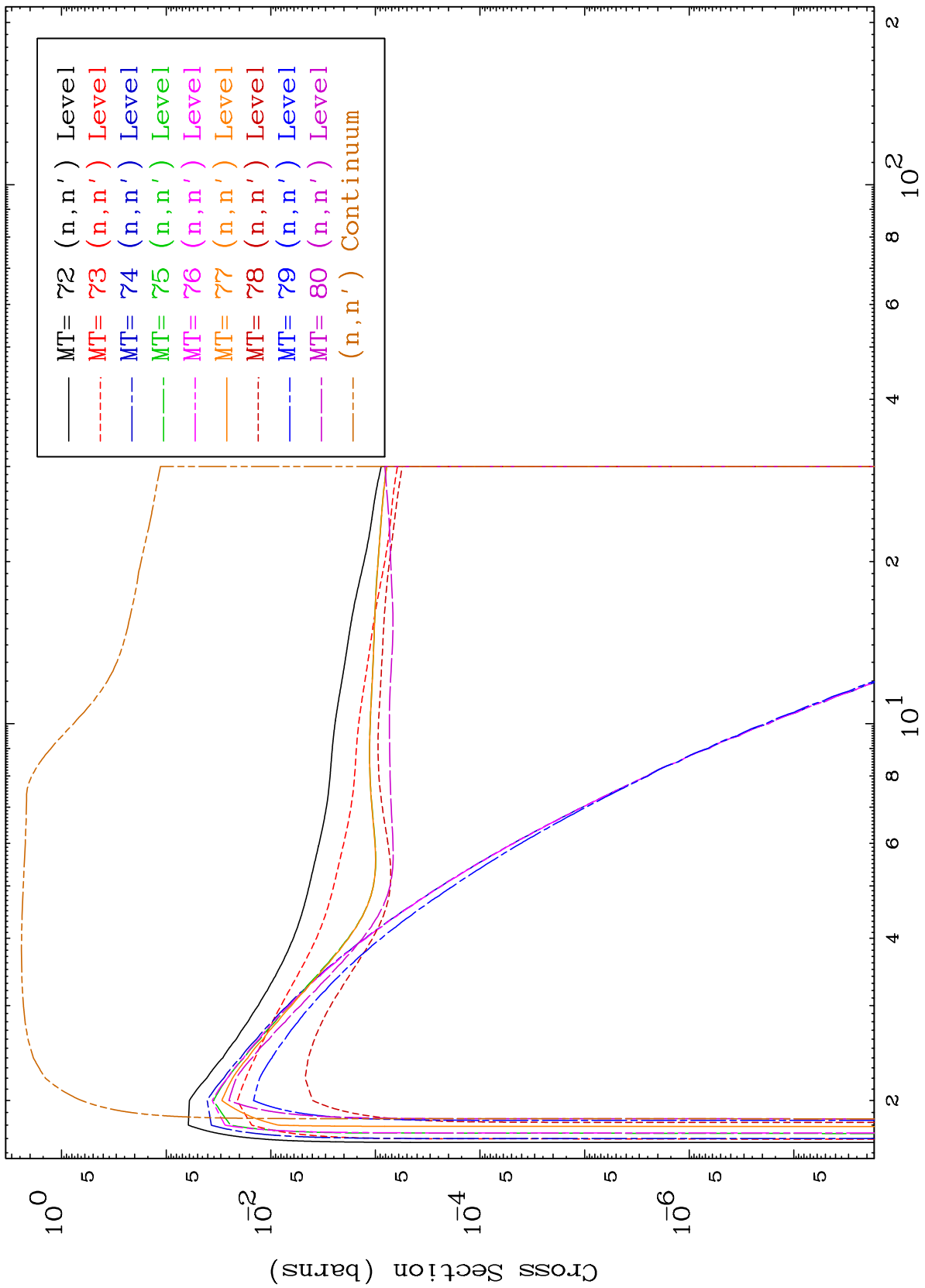
60-Nd-148

MAT 6043

(n,n') Level

60-Nd-148

293 Kelvin Cross Sections



9

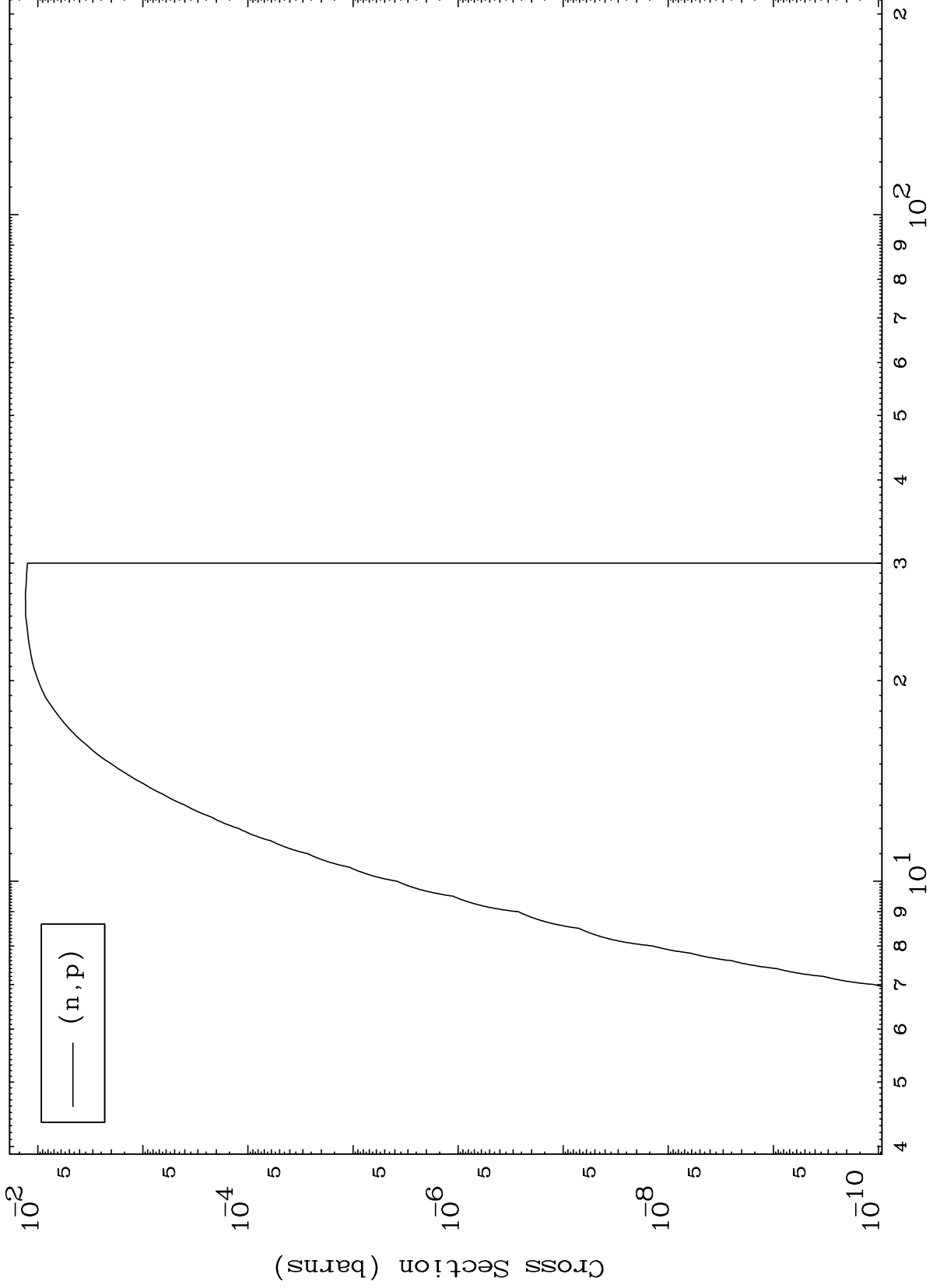
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-148



10

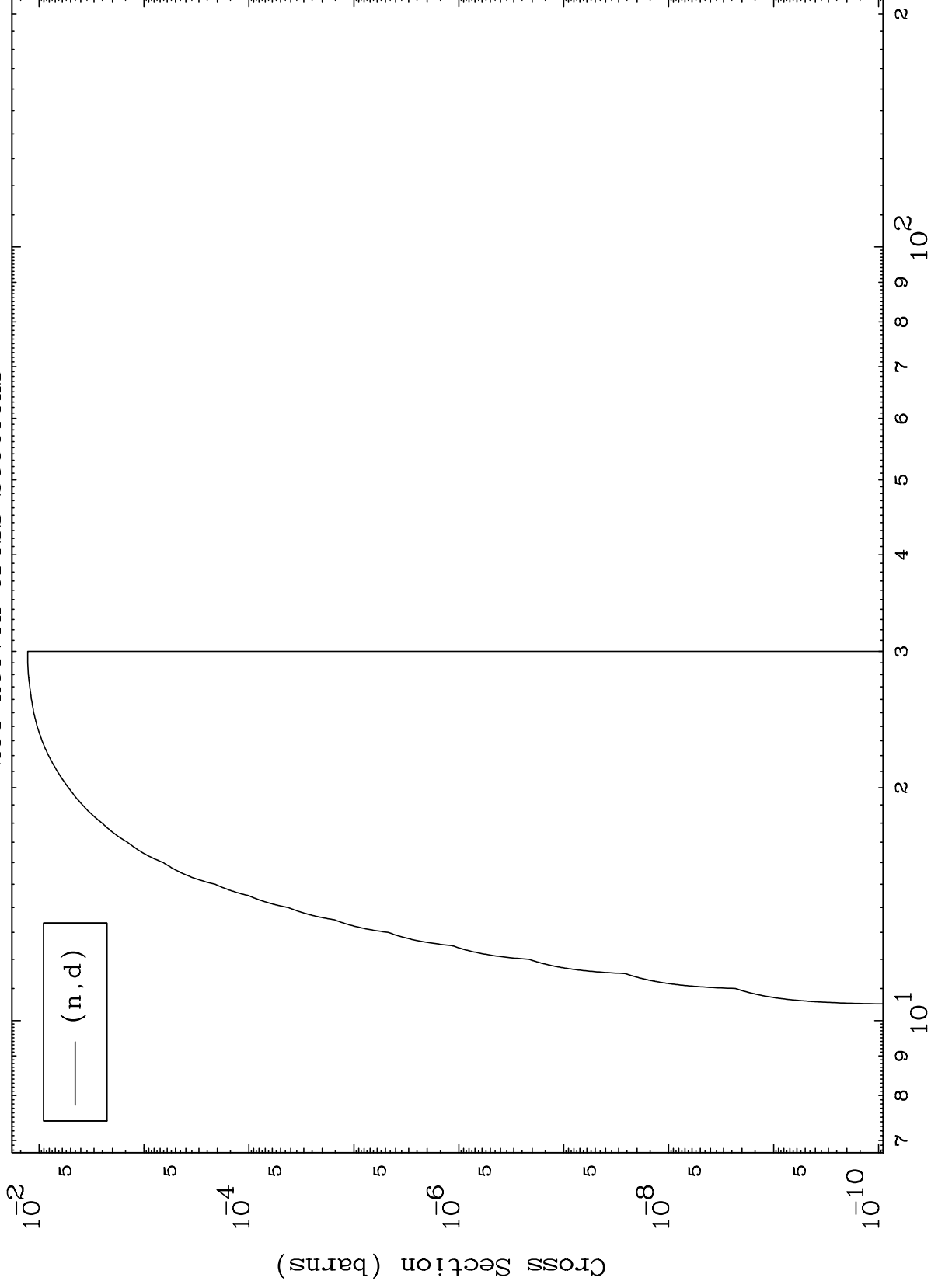
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-148



11

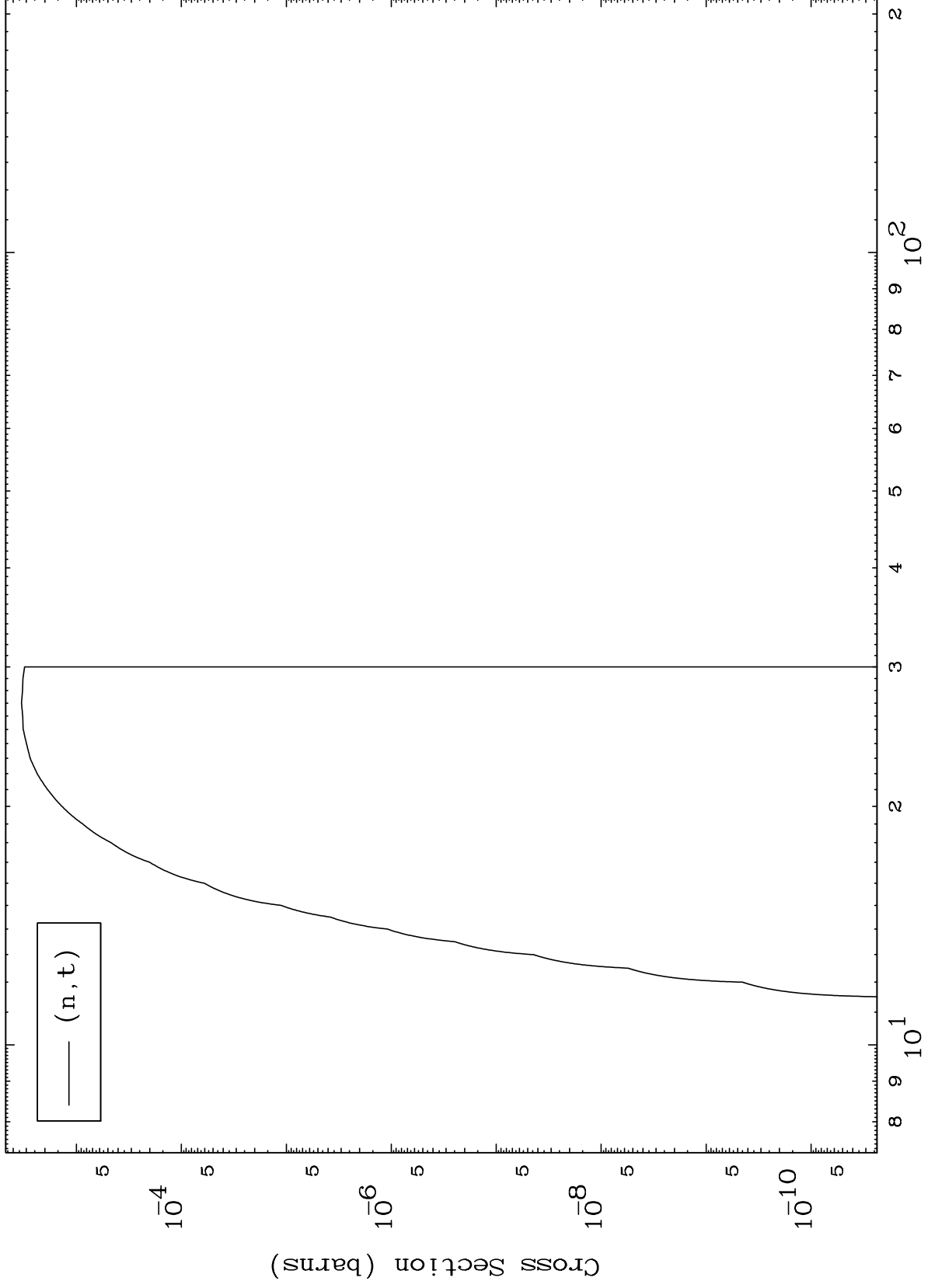
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-148



12

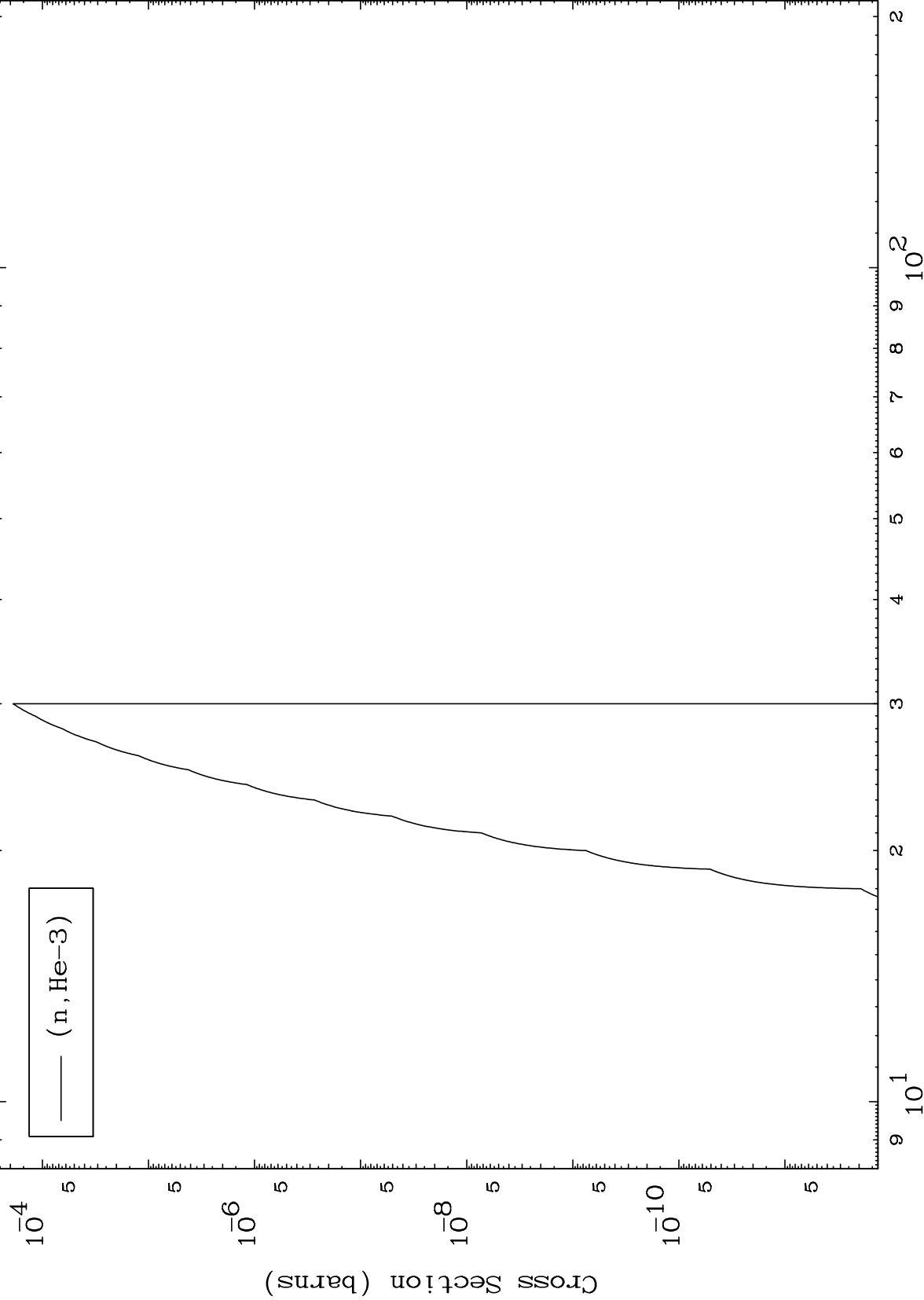
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,He3) Levels
293 Kelvin Cross Sections

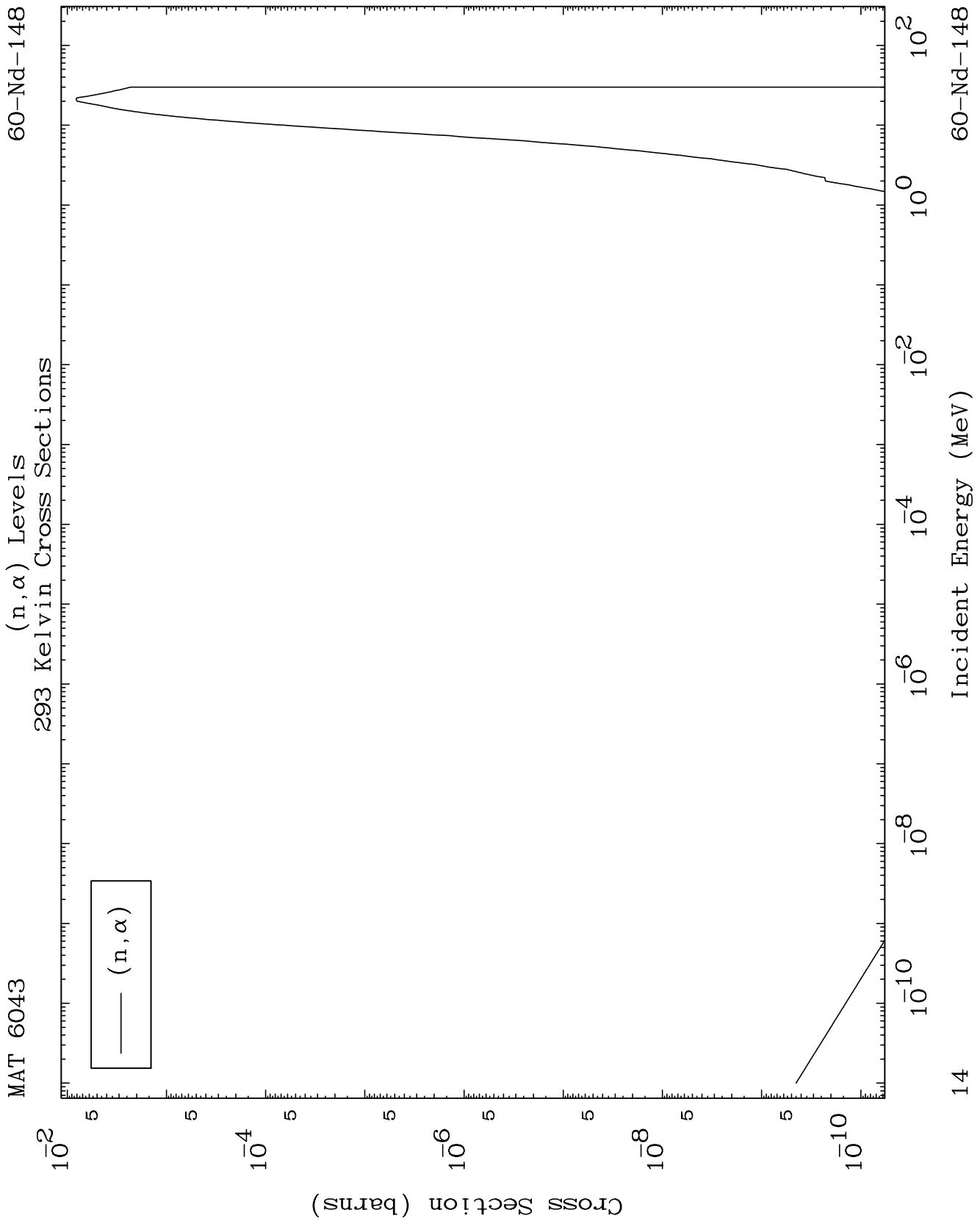
60-Nd-148

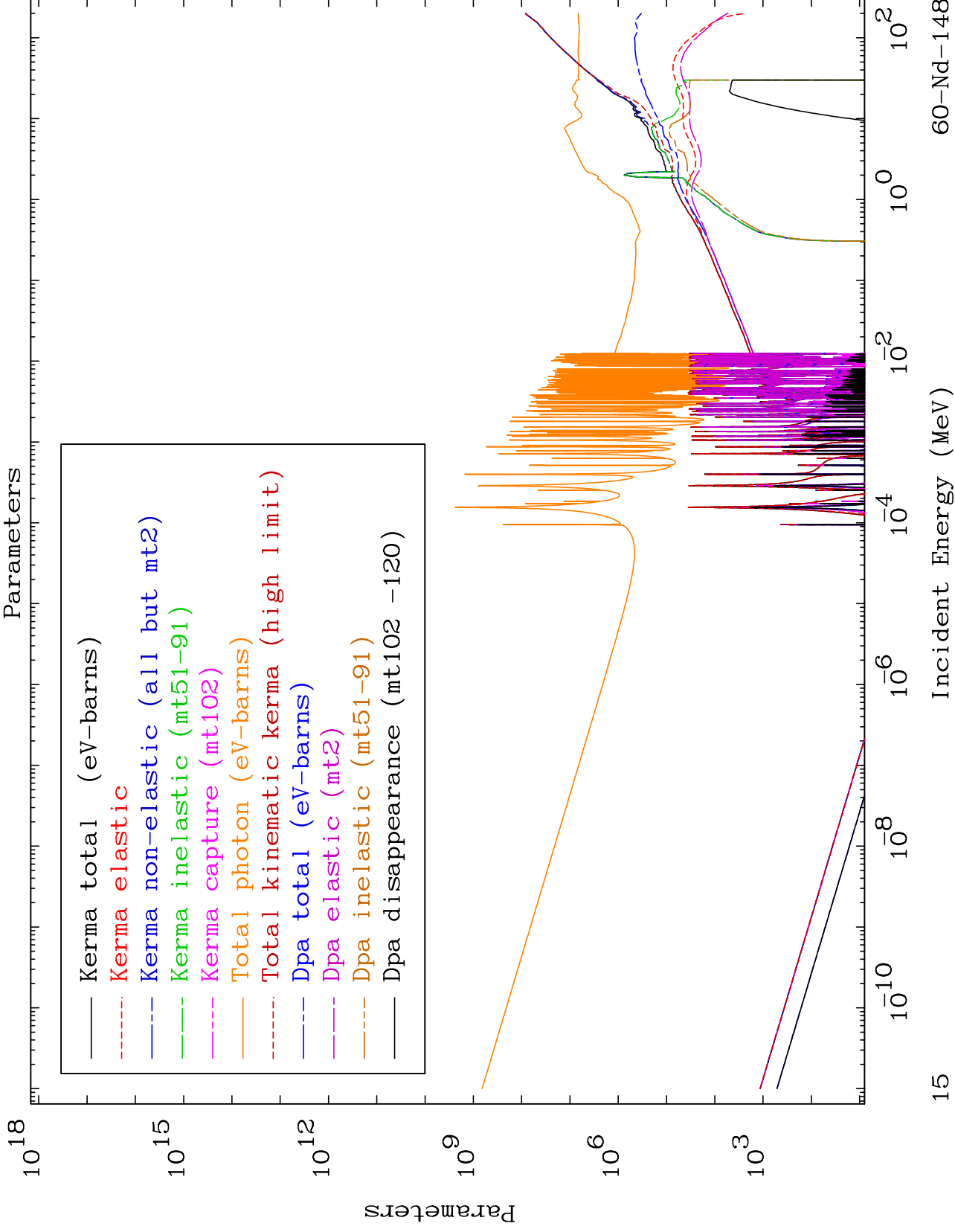


13

Incident Energy (MeV)

60-Nd-148

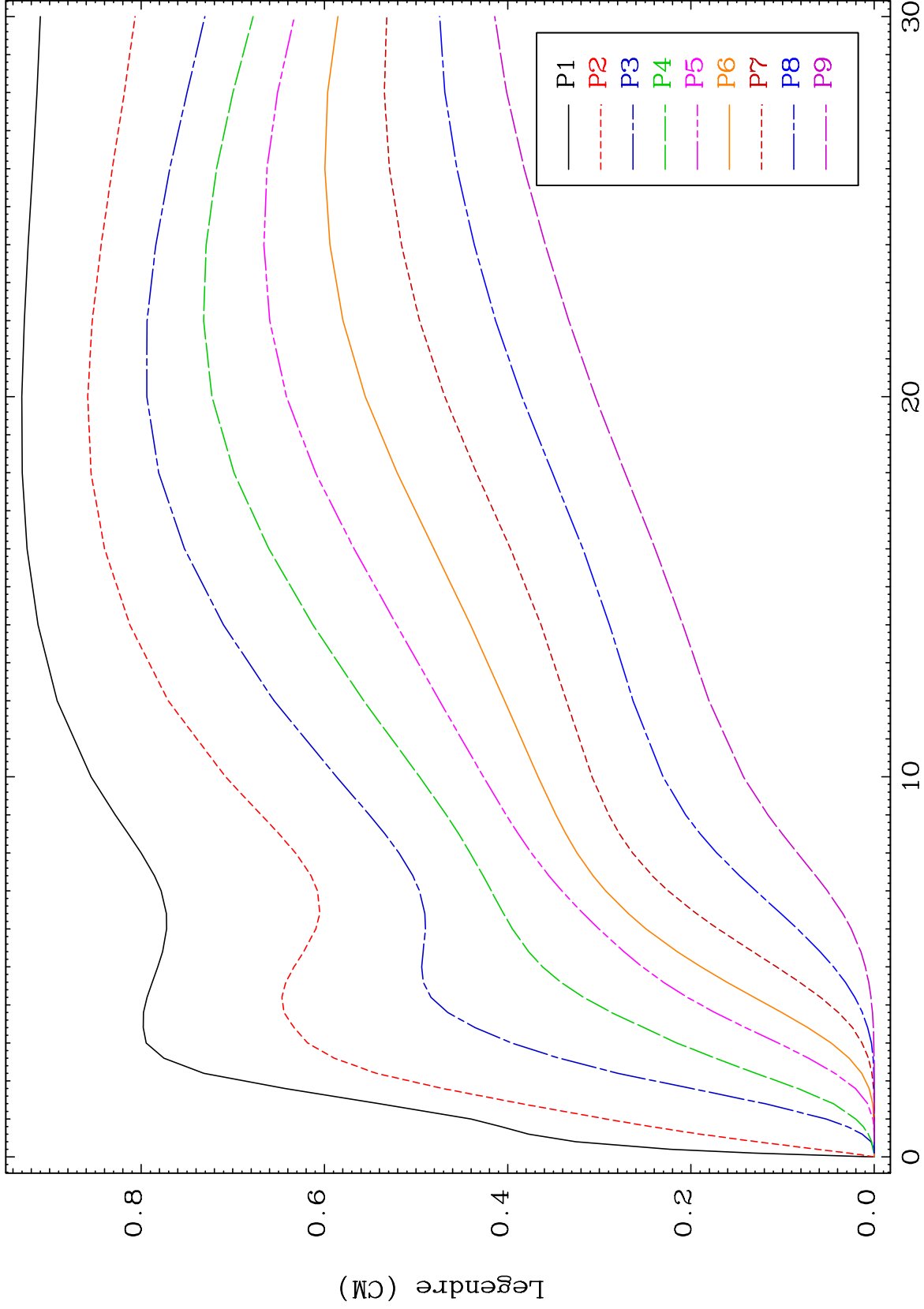




MAT 6043

Elastic Legendre Coefficients

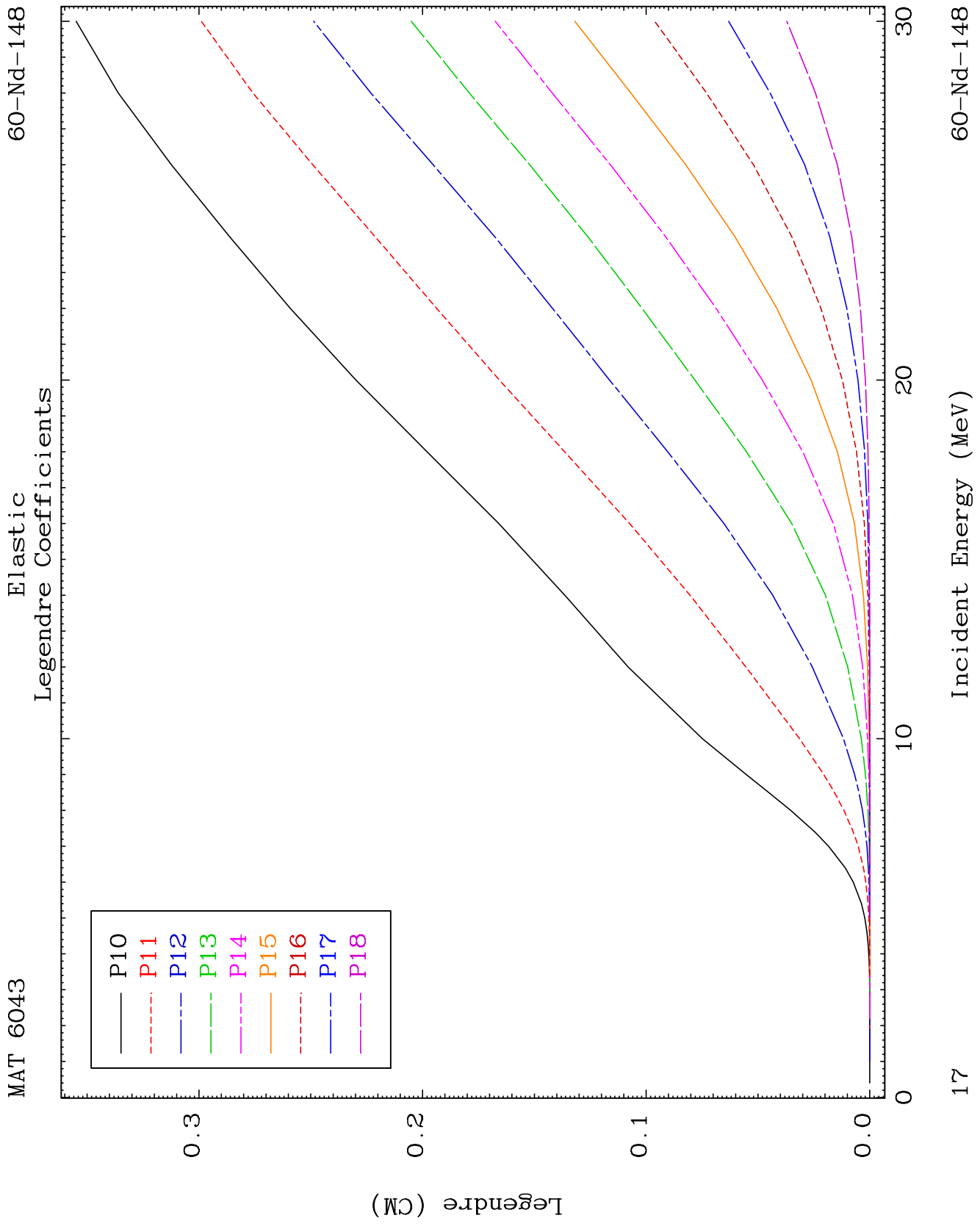
60-Nd-148

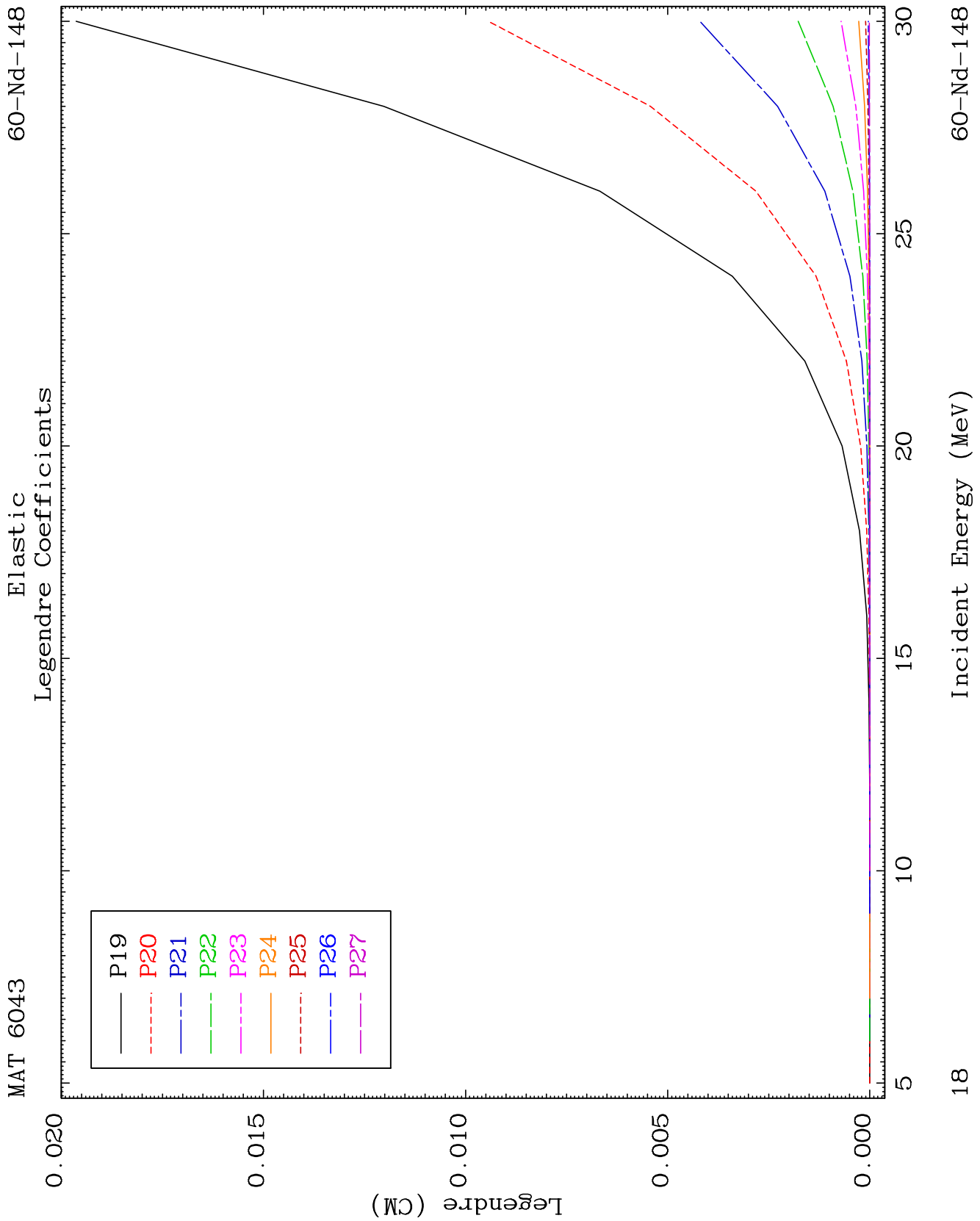


16

Incident Energy (MeV)

60-Nd-148

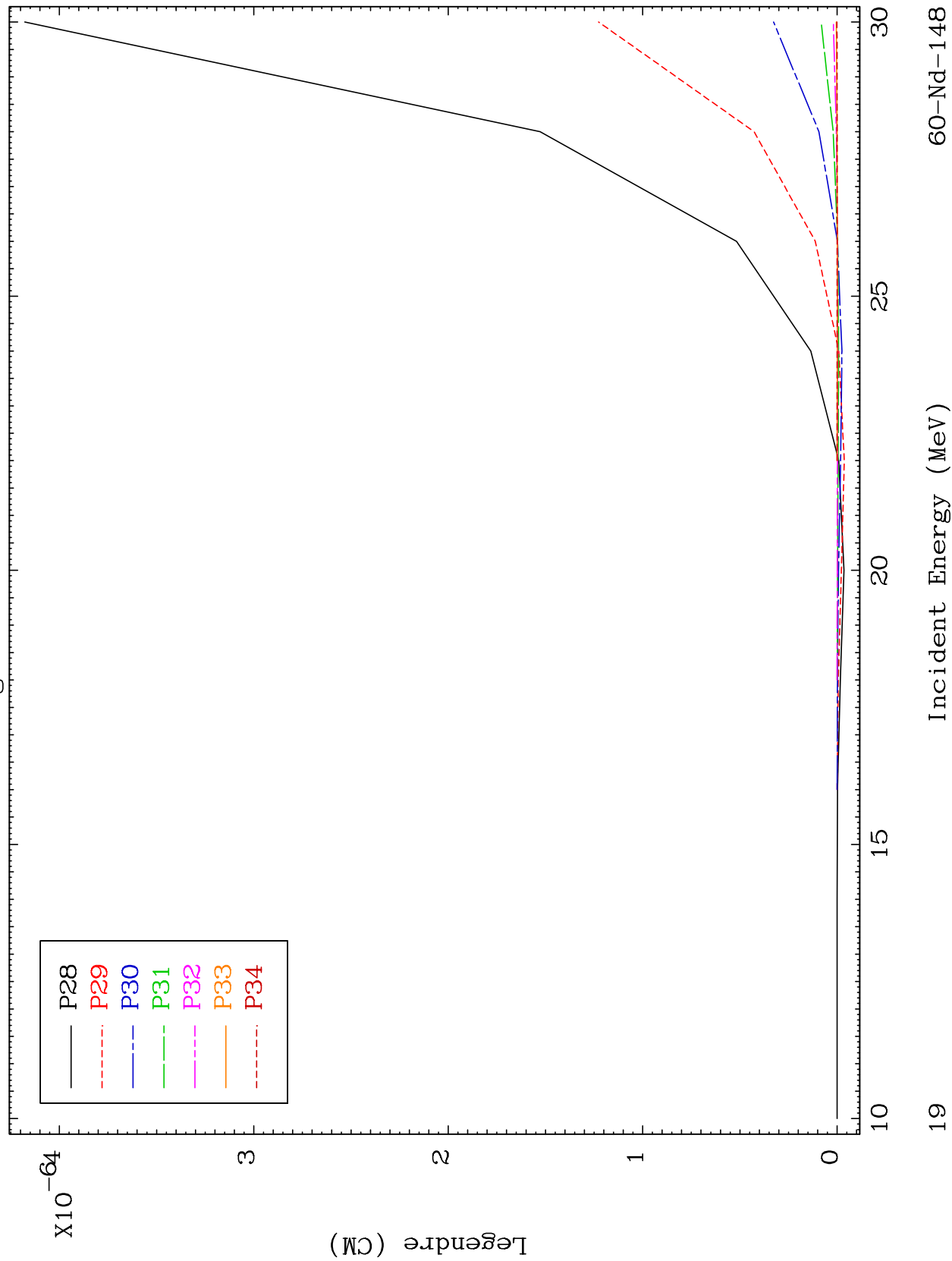




MAT 6043

Elastic Legendre Coefficients

⁶⁰Nd-148



19

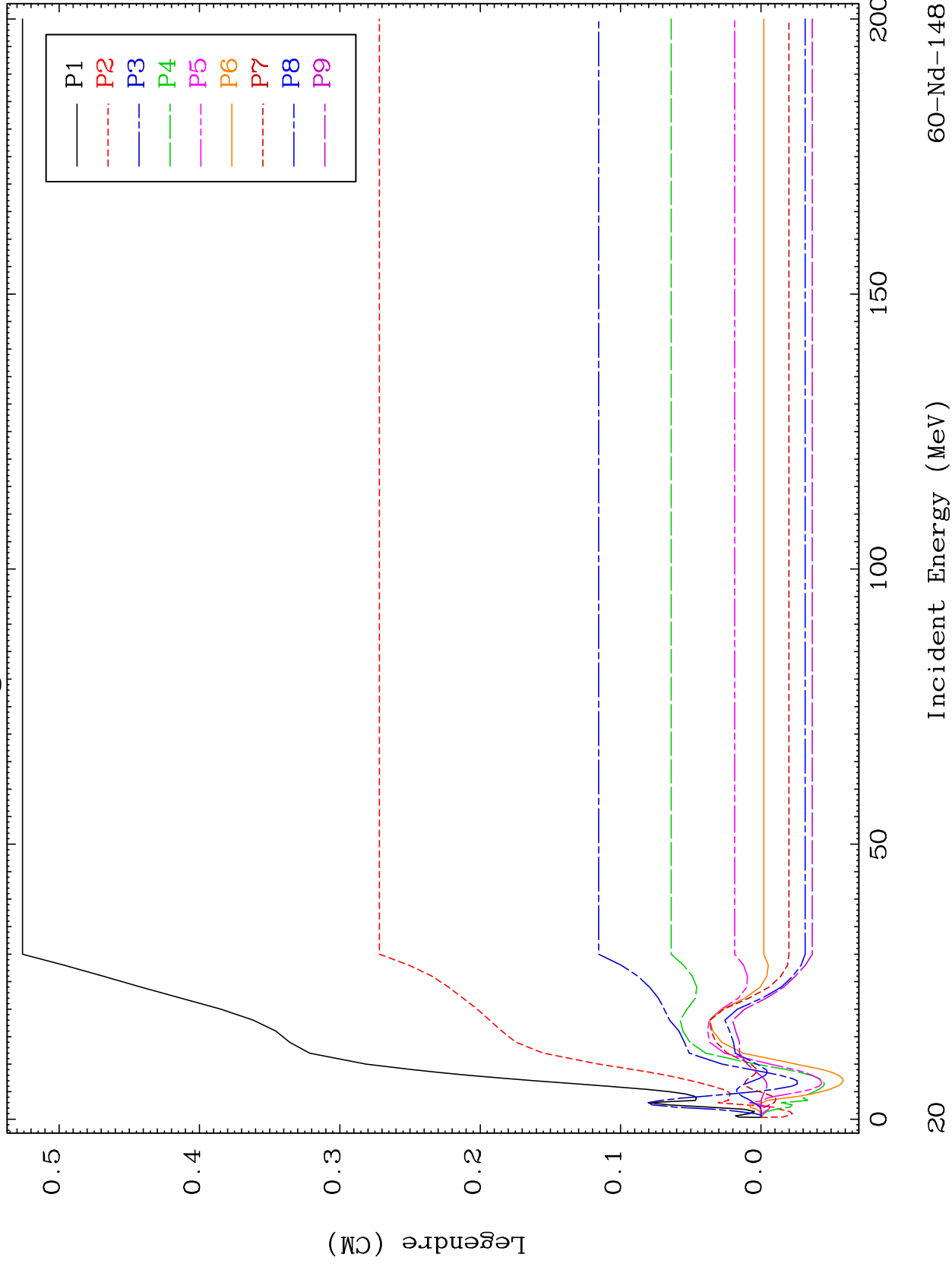
Incident Energy (MeV)

⁶⁰Nd-148

MAT 6043

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

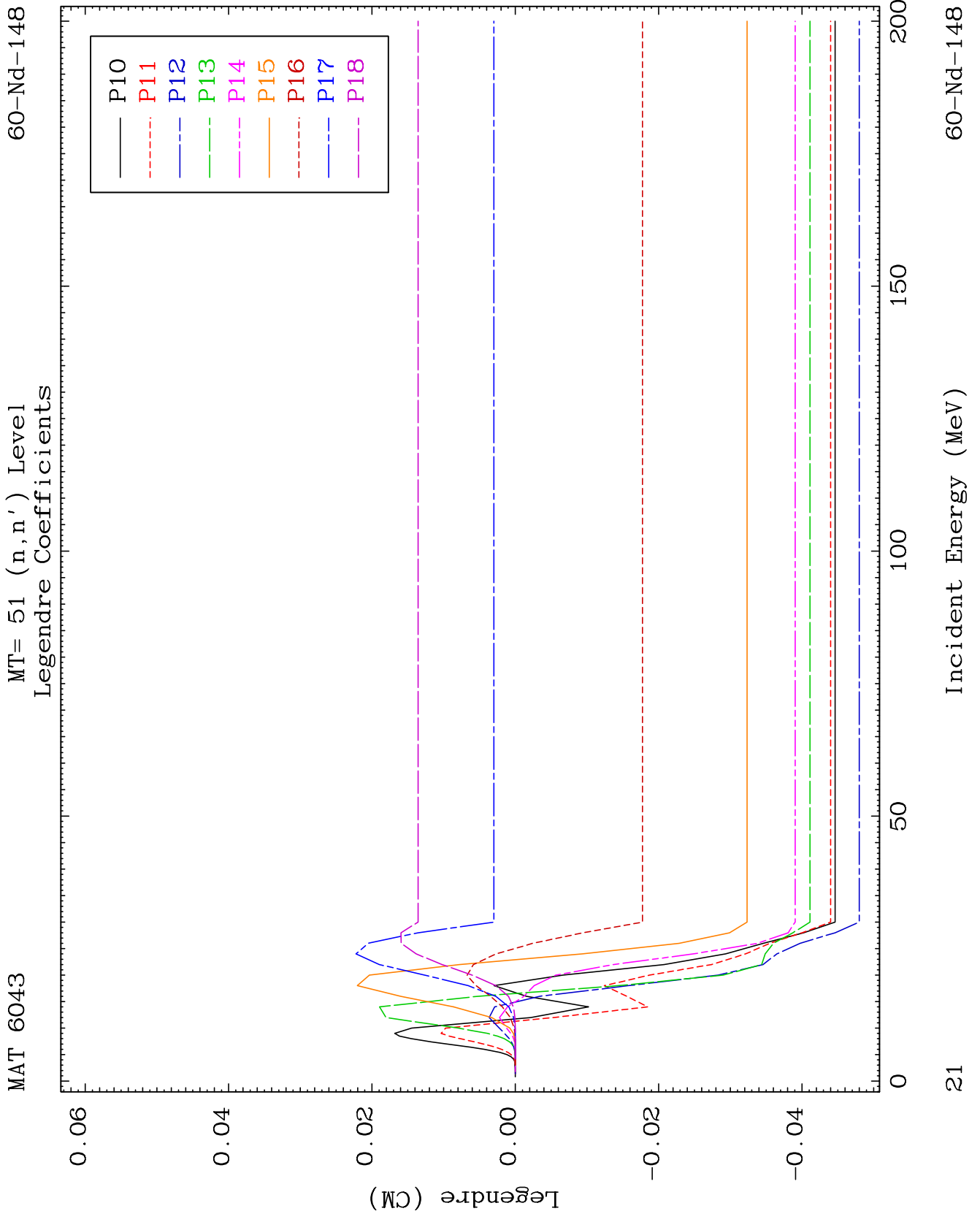
60-Nd-148



60-Nd-148

Incident Energy (MeV)

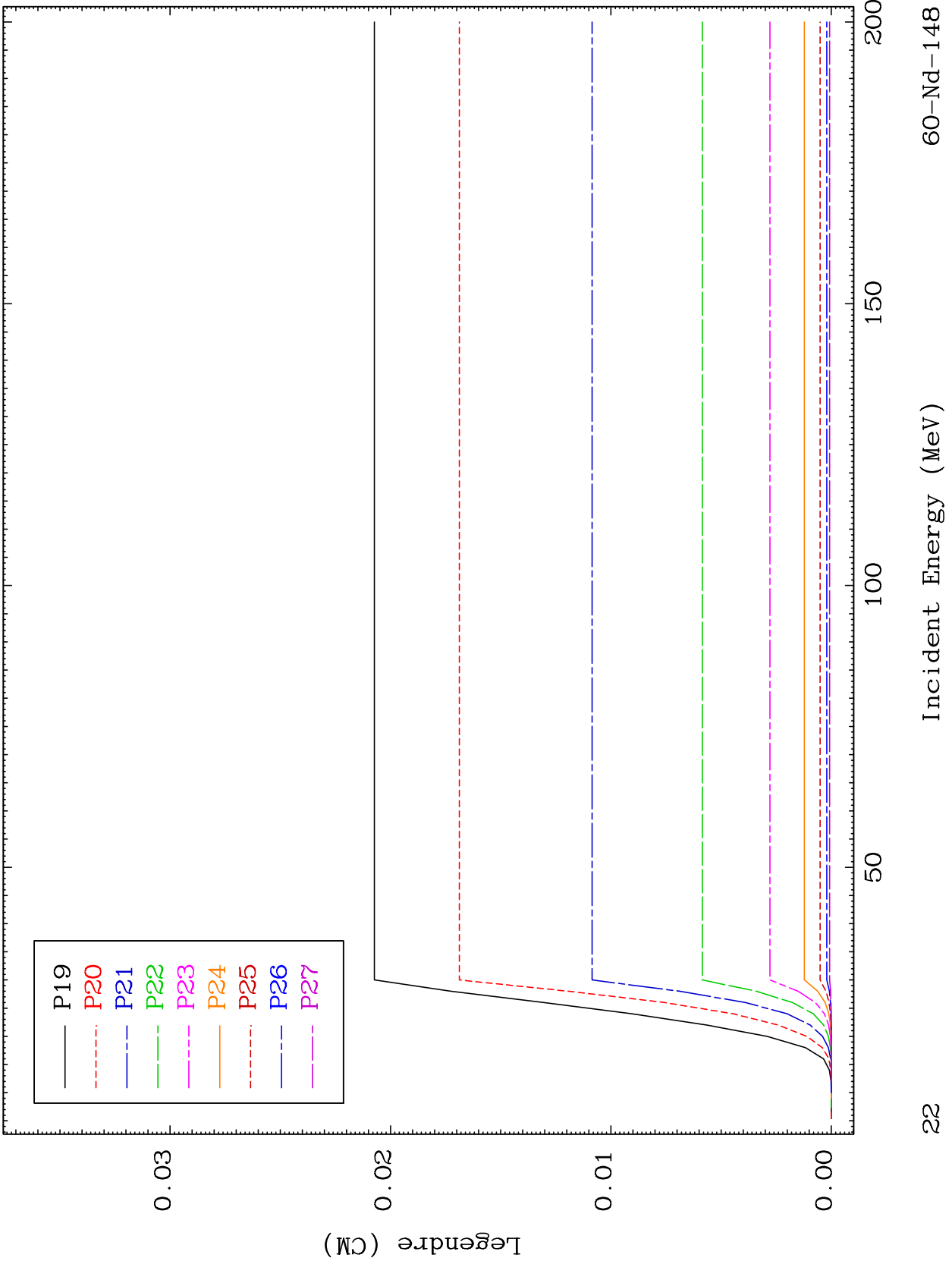
20



MAT 6043

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

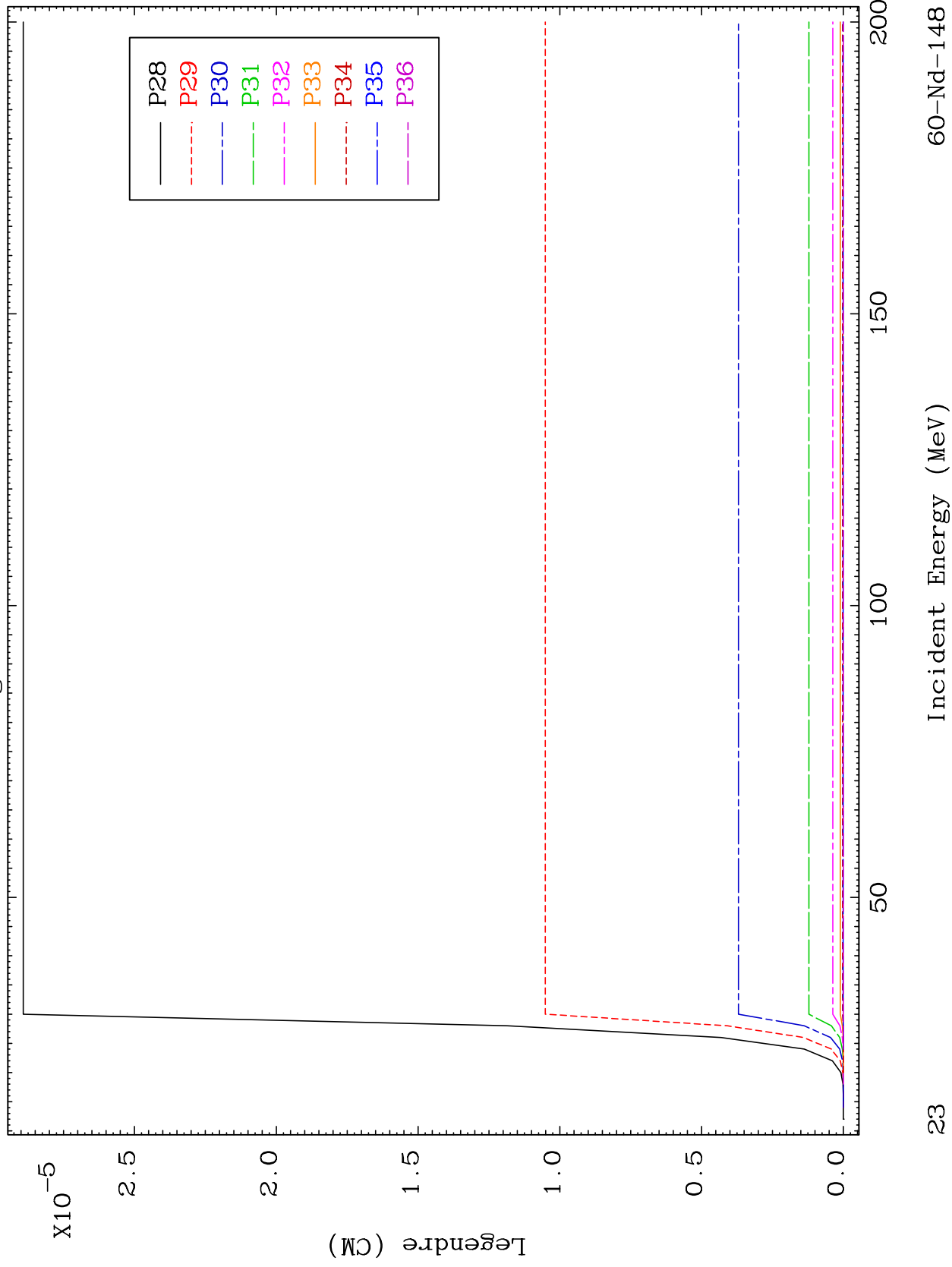
60-Nd-148



MAT 6043

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

60-Nd-148

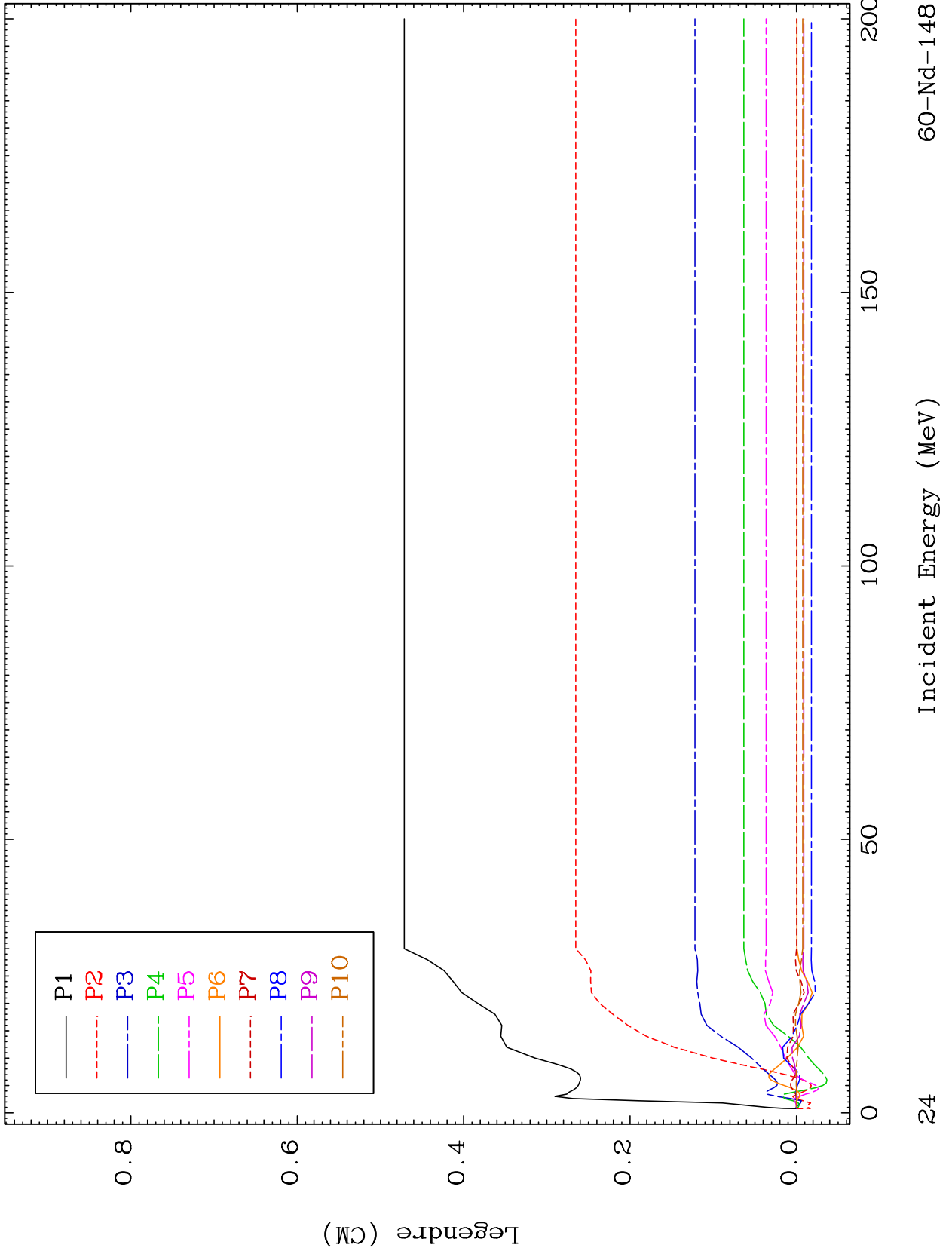


23

MAT 6043

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

60-Nd-148



24

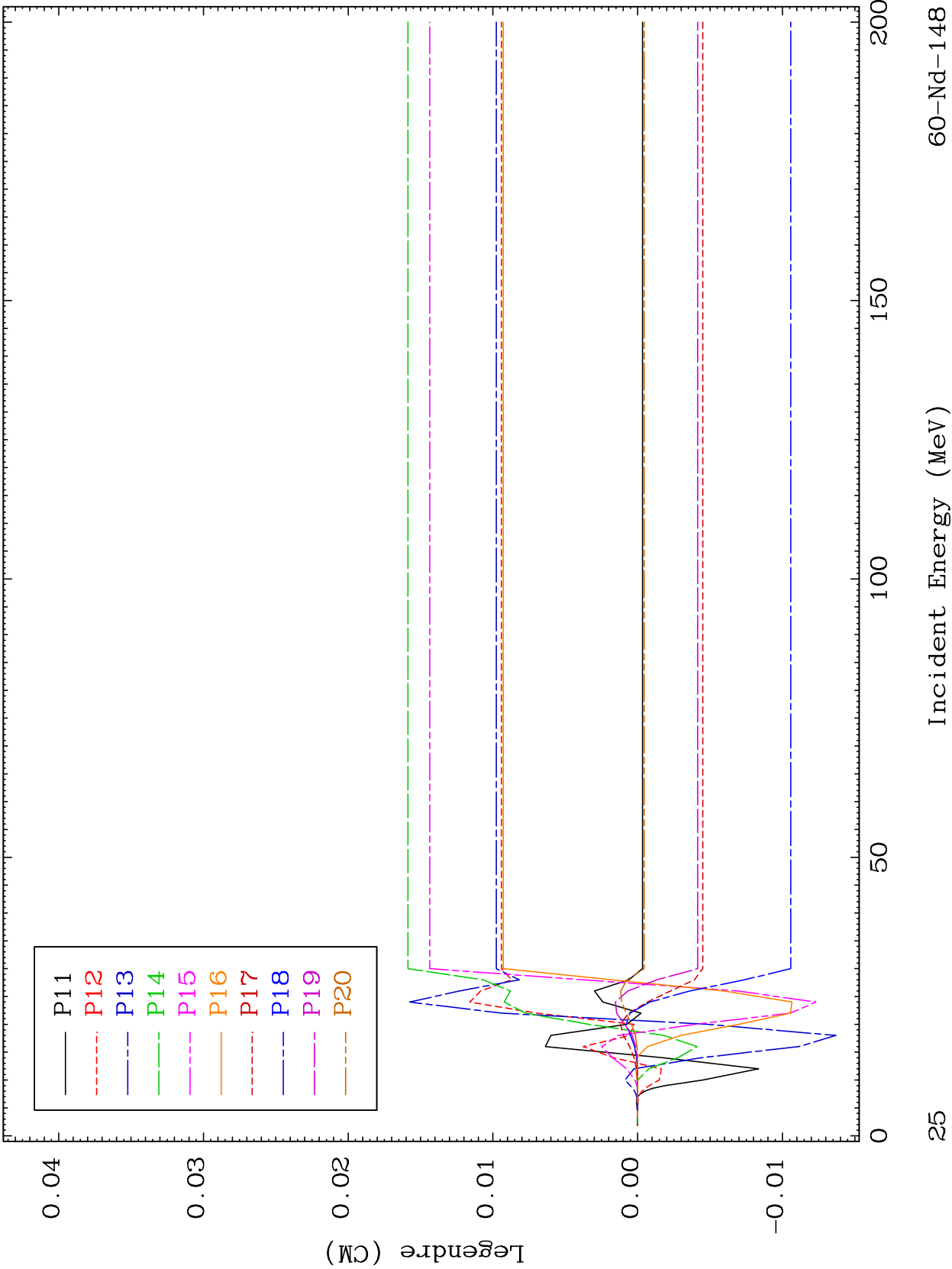
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

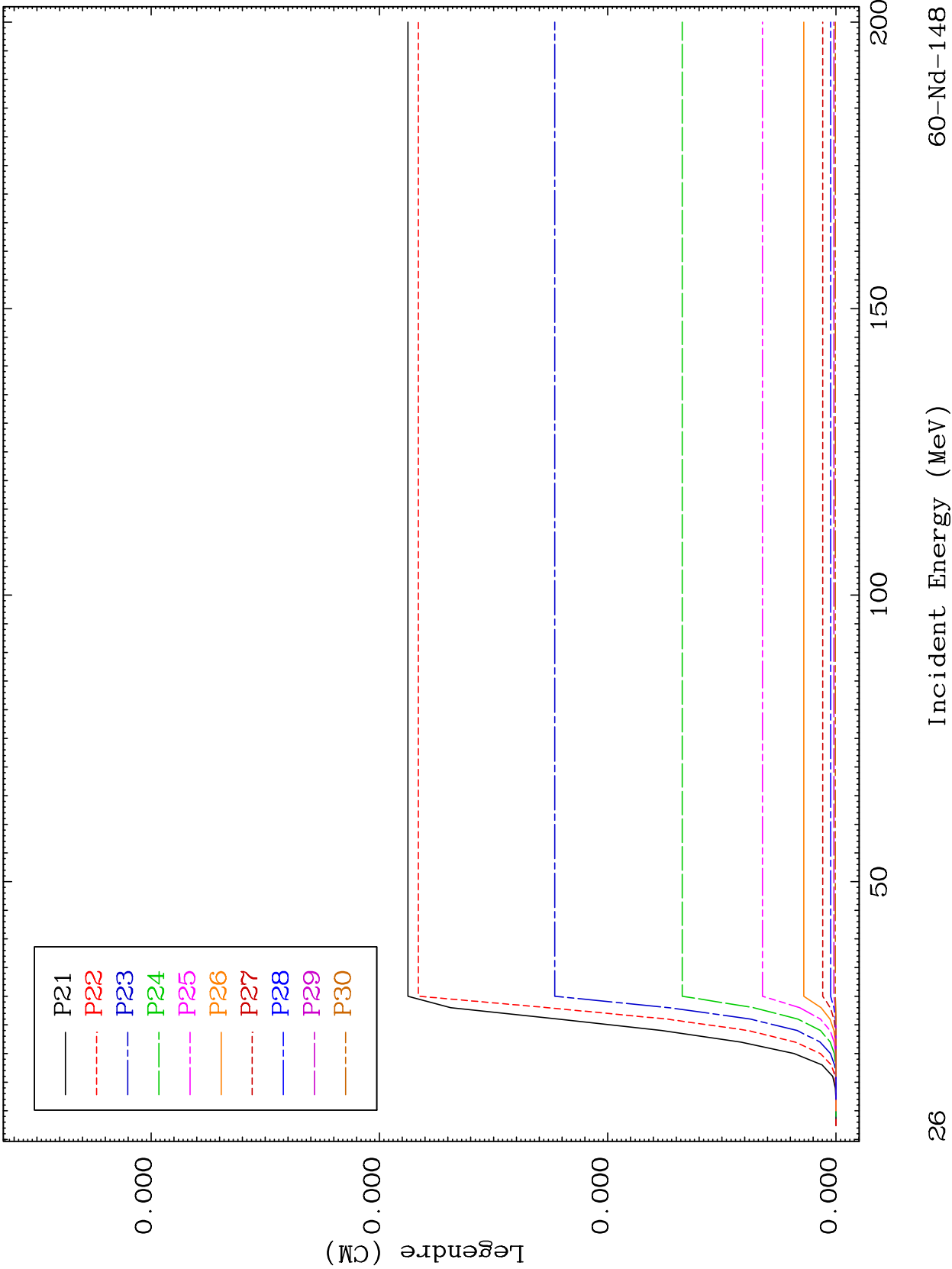
Incident Energy (MeV)

25

MAT 6043

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

60-Nd-148

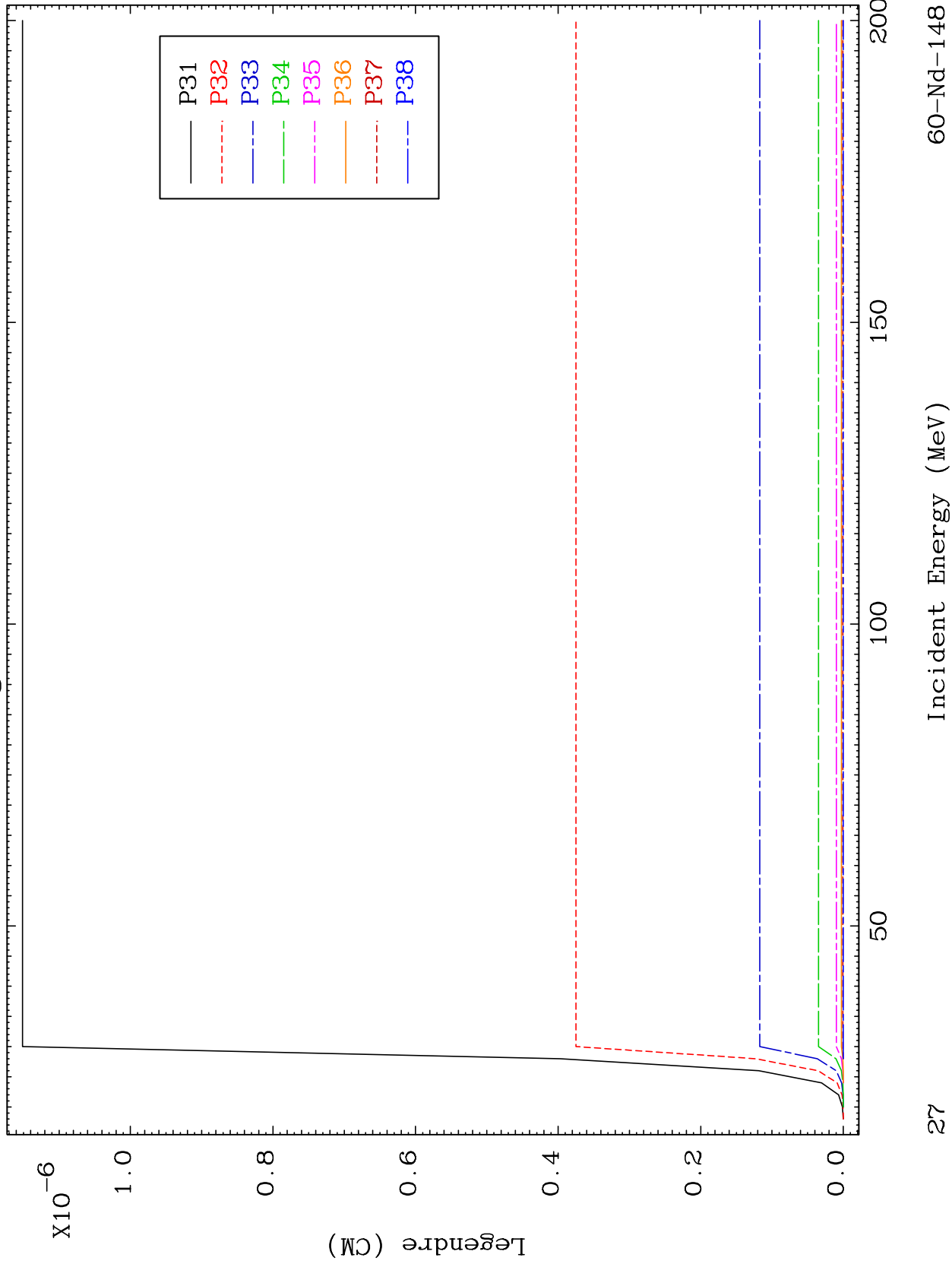


26

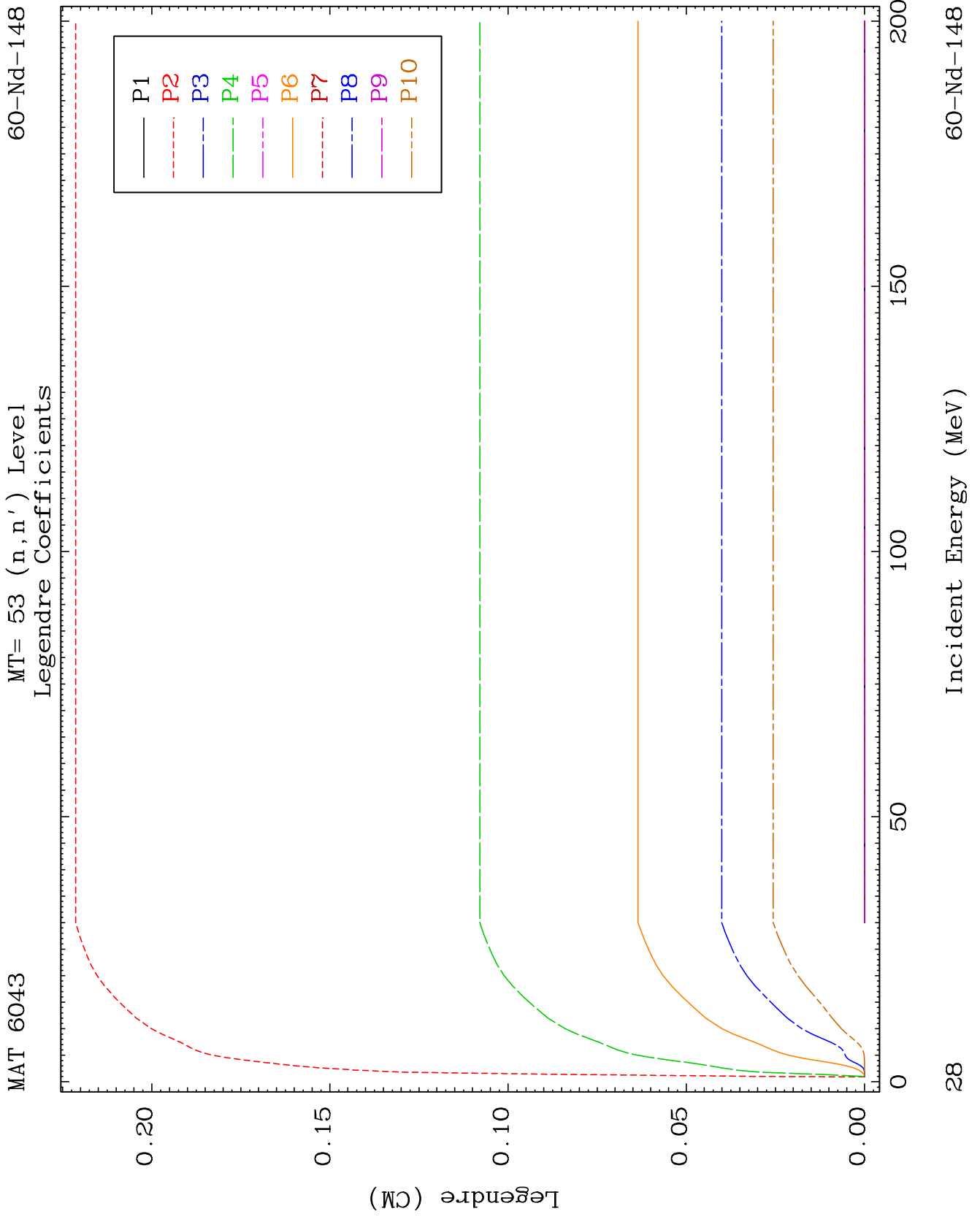
MAT 6043

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

60-Nd-148



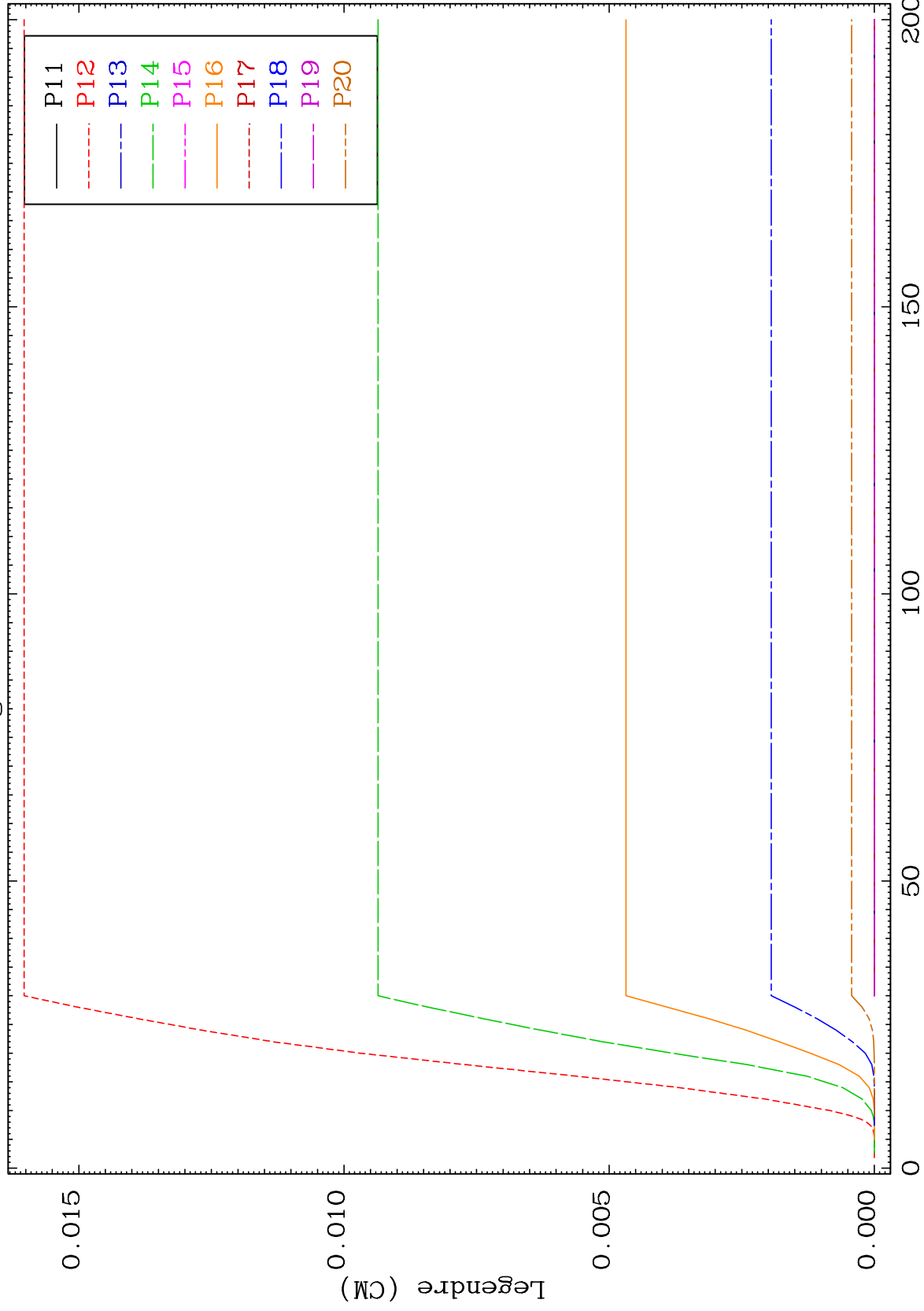
27



MAT 6043

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

60-Nd-148



29

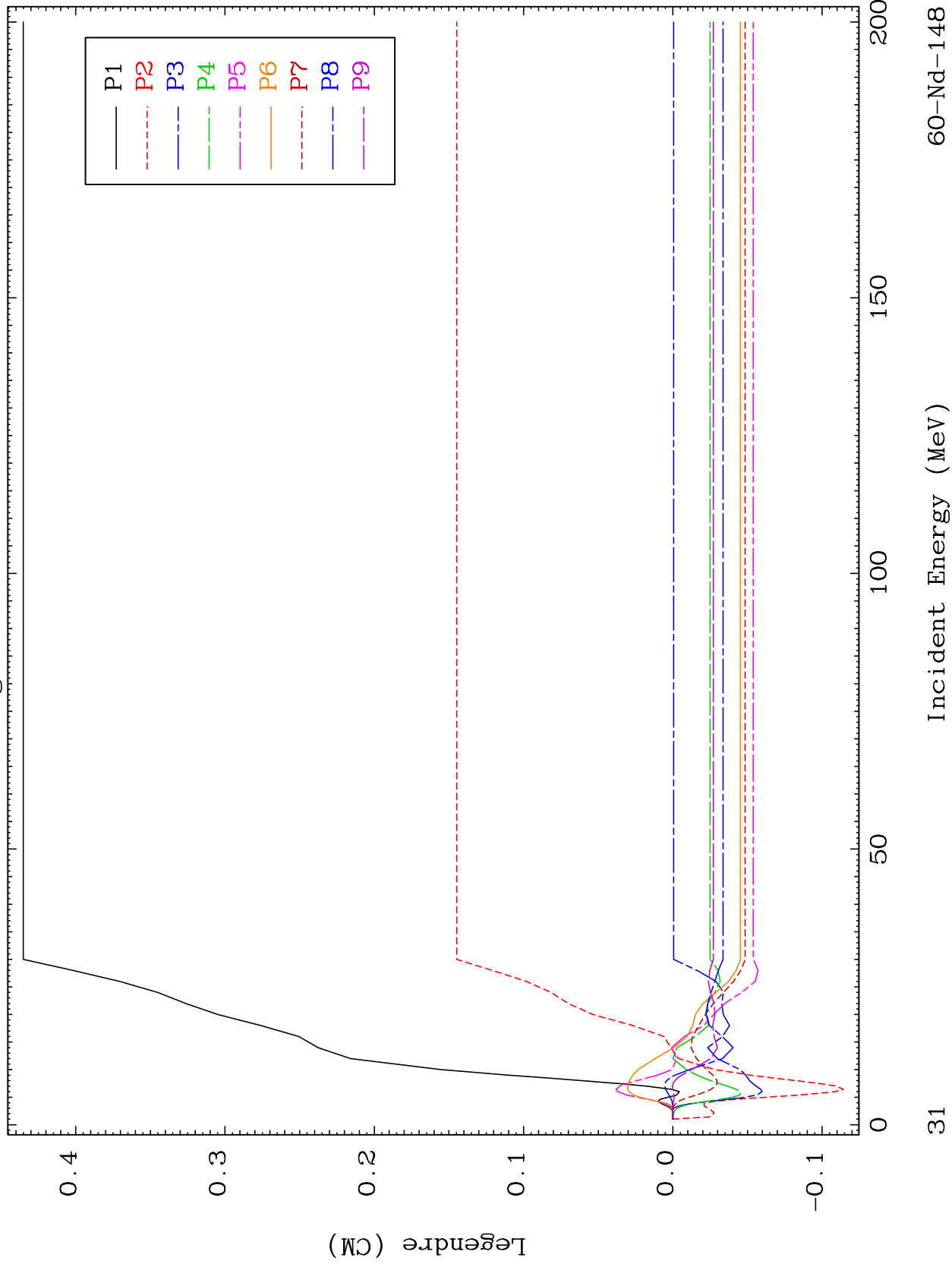
Incident Energy (MeV)

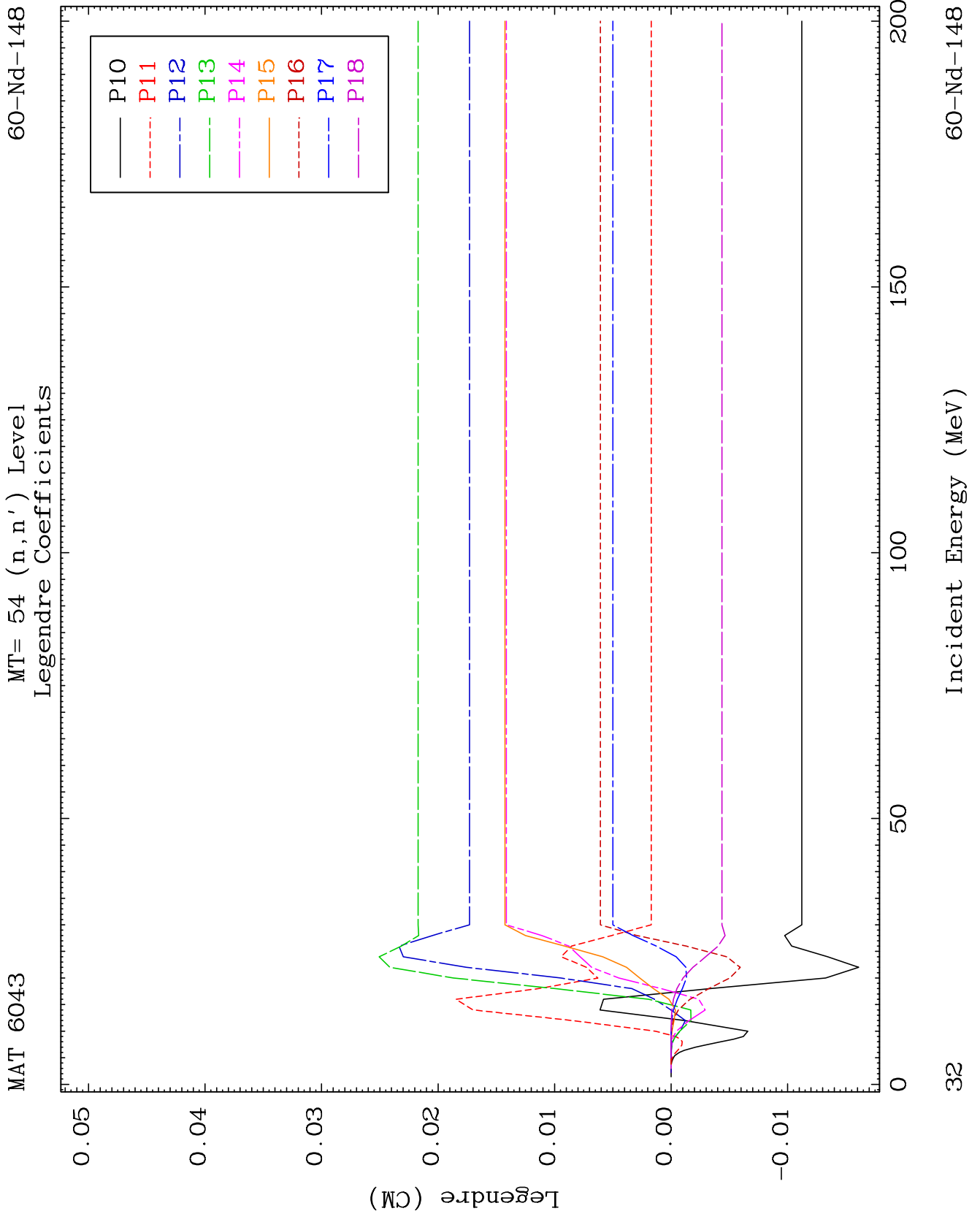
60-Nd-148

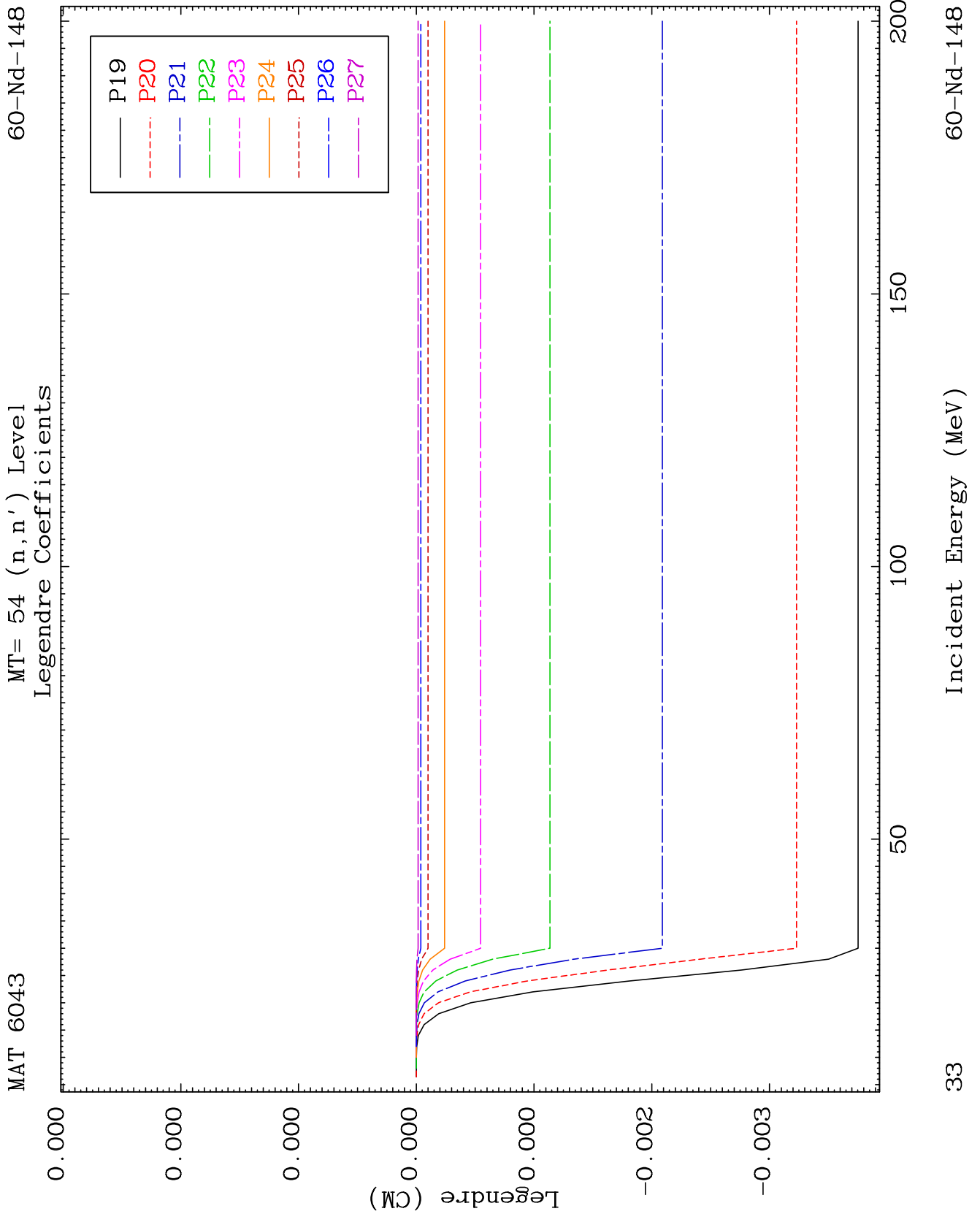
MAT 6043

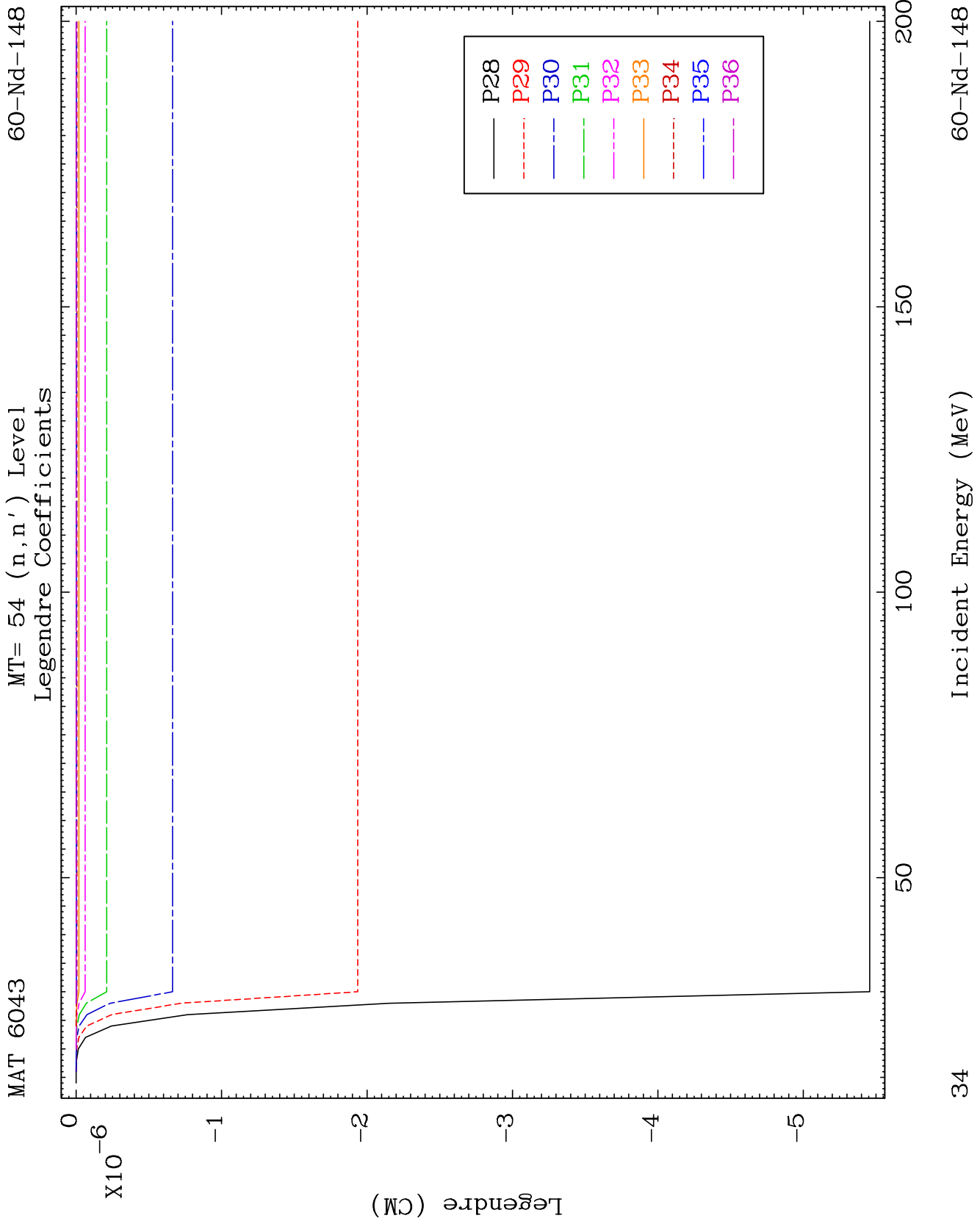
MT= 54 (n,n') Level
Legendre Coefficients

60-Nd-148





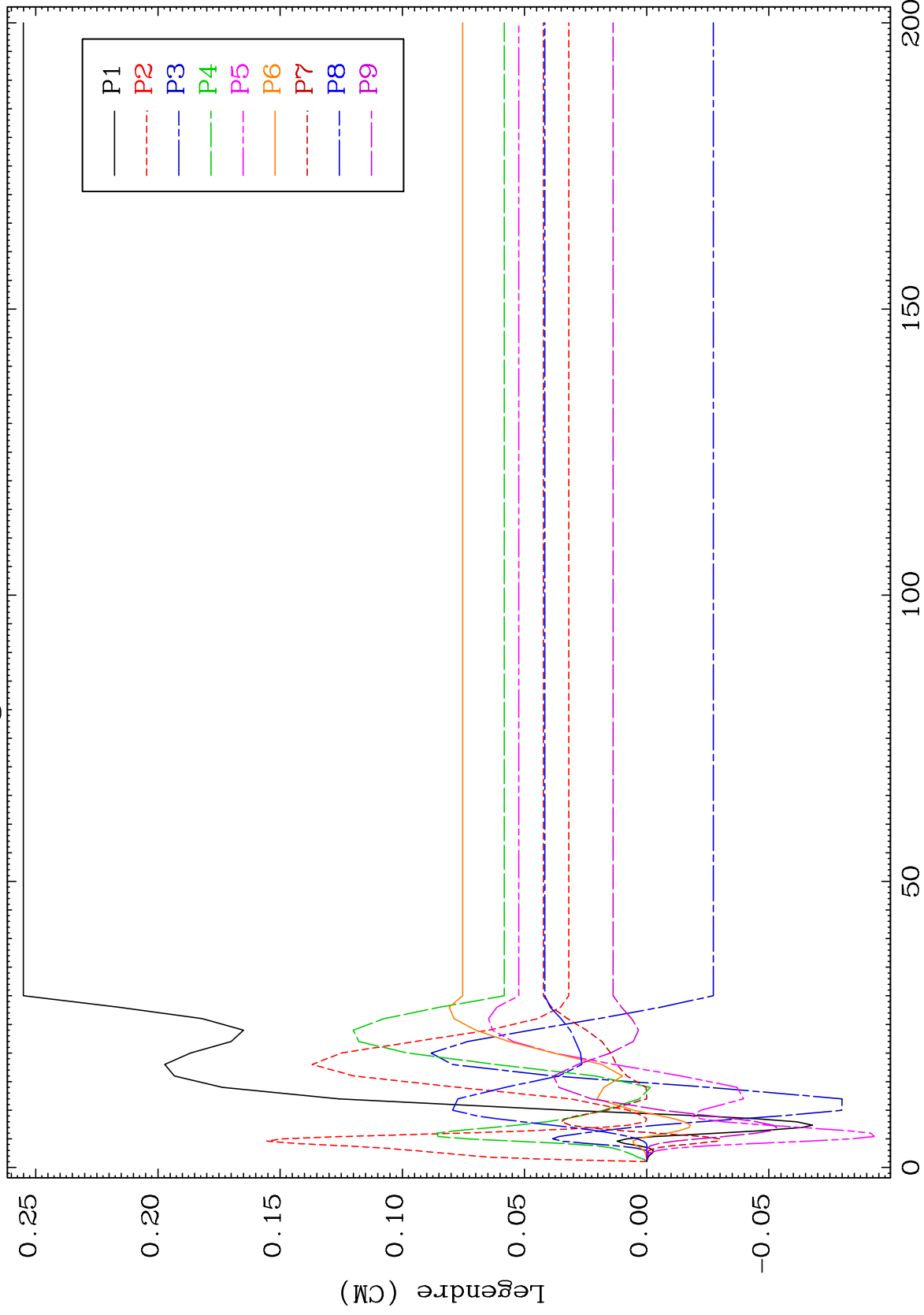




MAT 6043

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

60-Nd-148



60-Nd-148

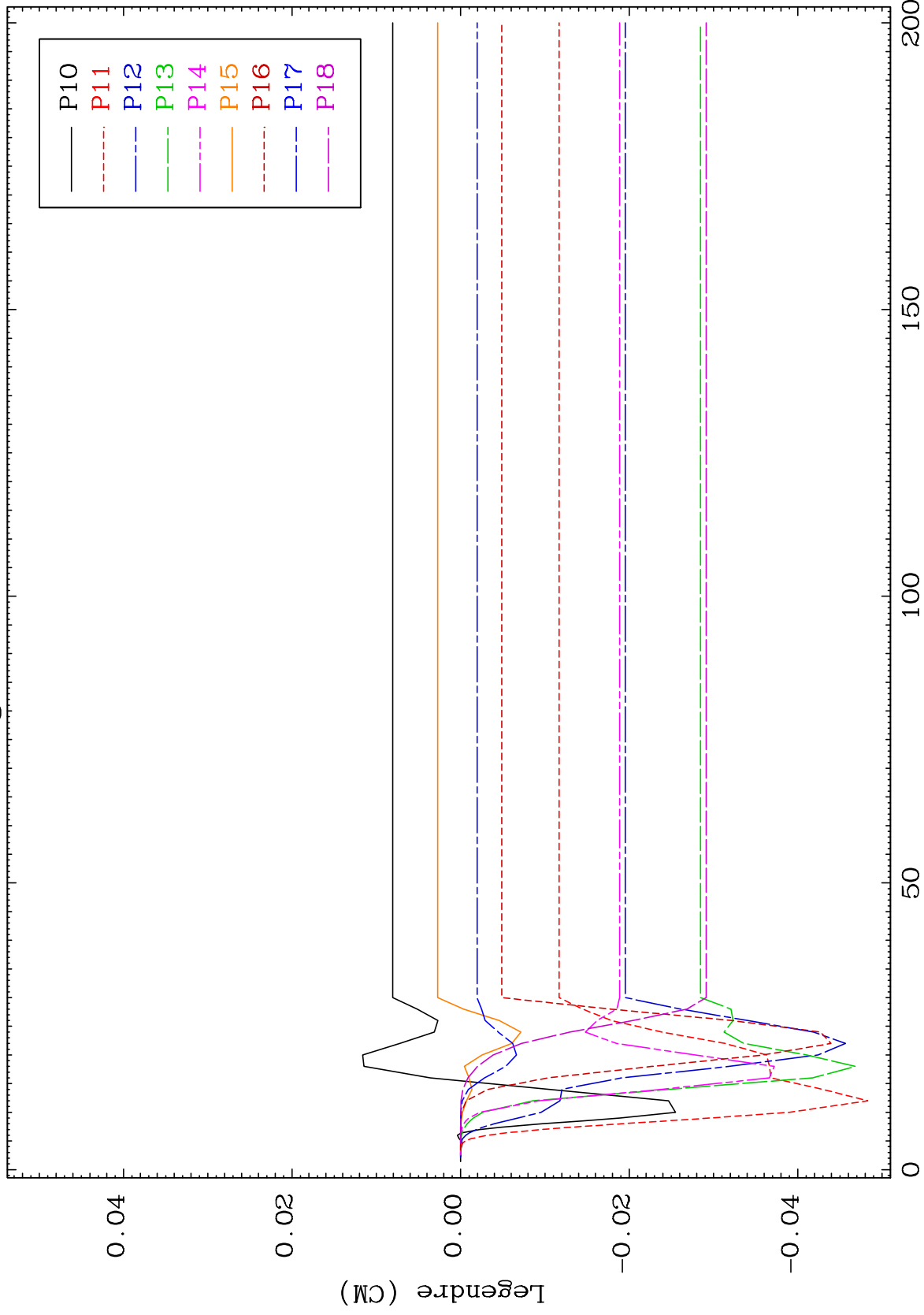
Incident Energy (MeV)

35

MAT 6043

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

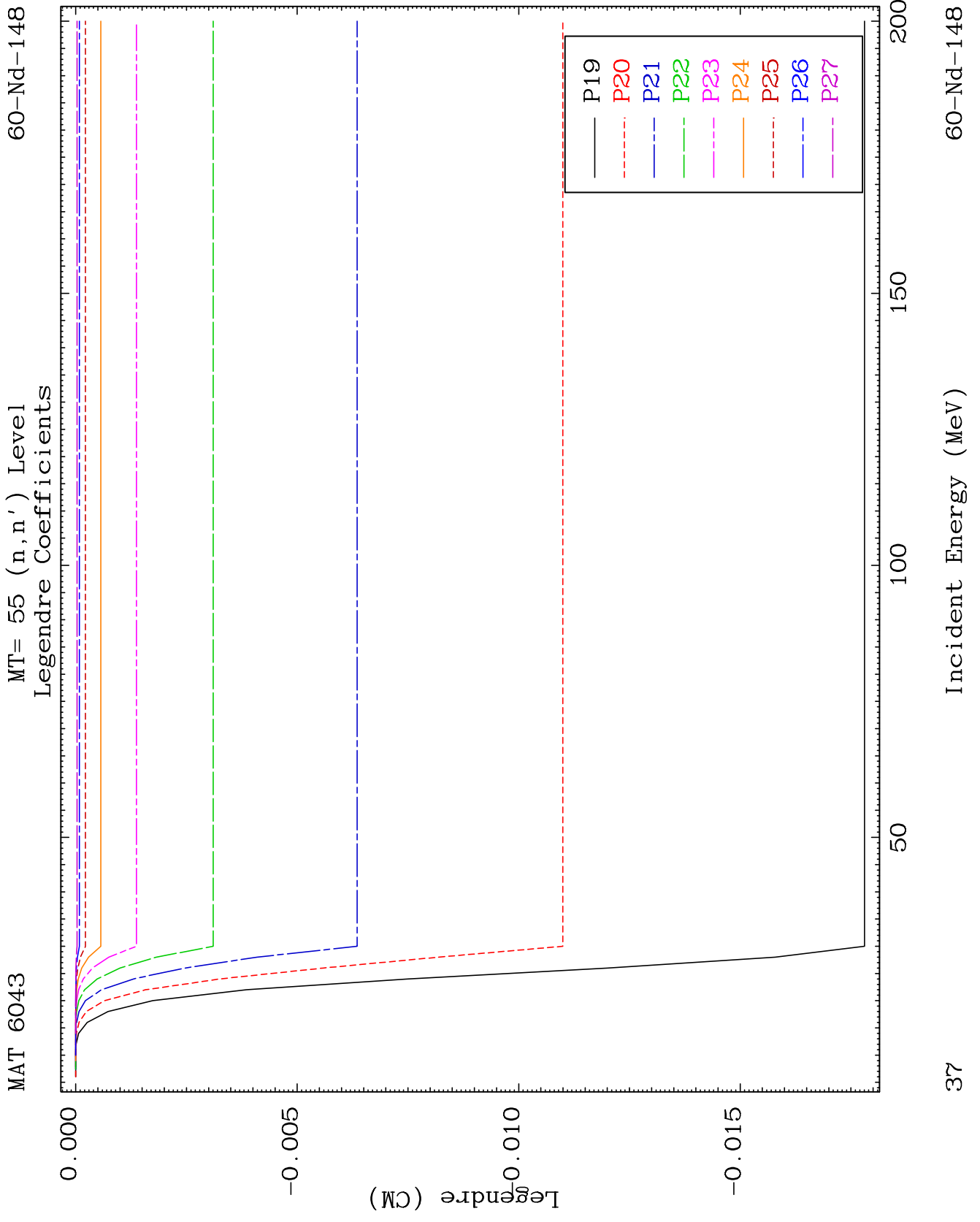
60-Nd-148

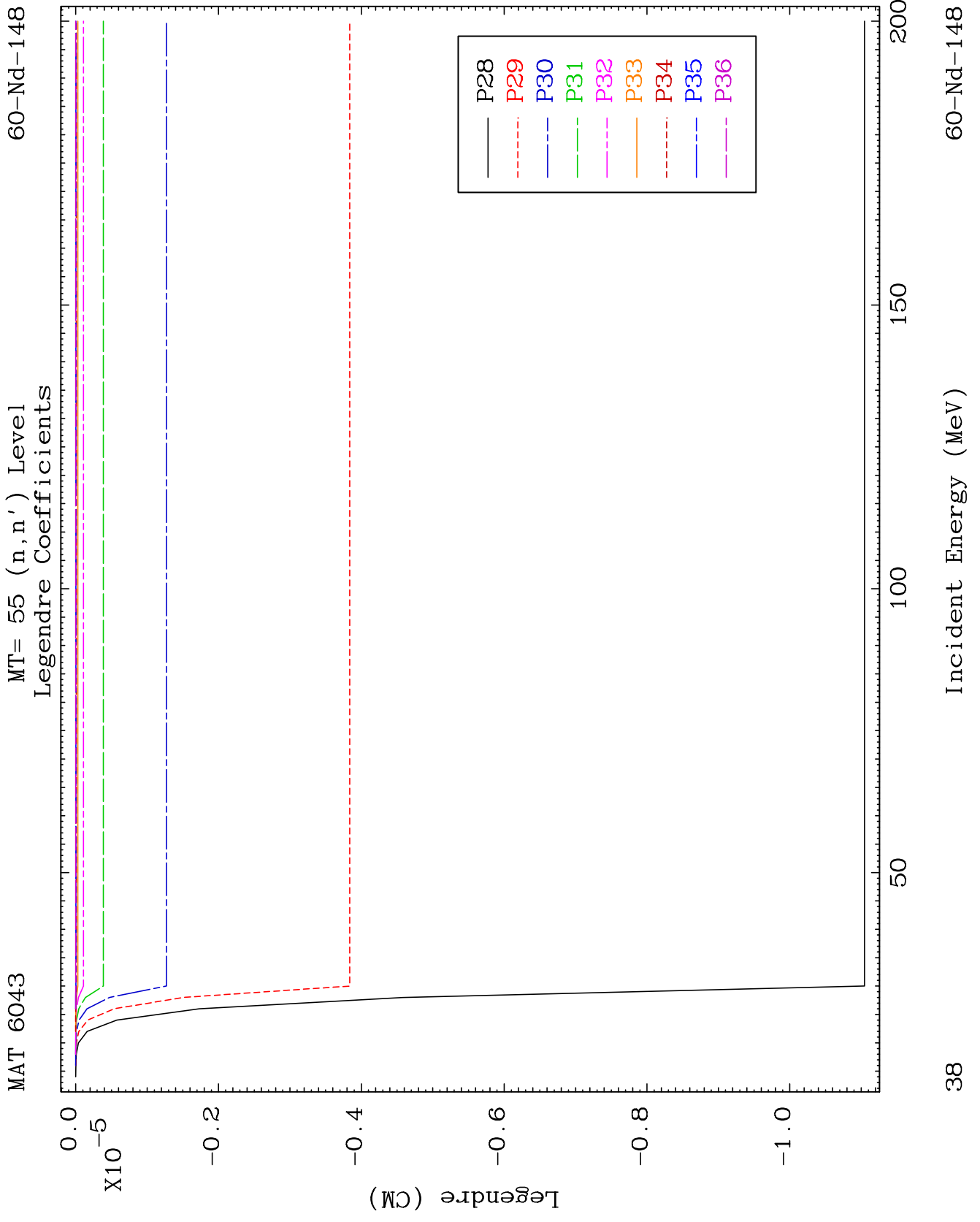


60-Nd-148

Incident Energy (MeV)

36

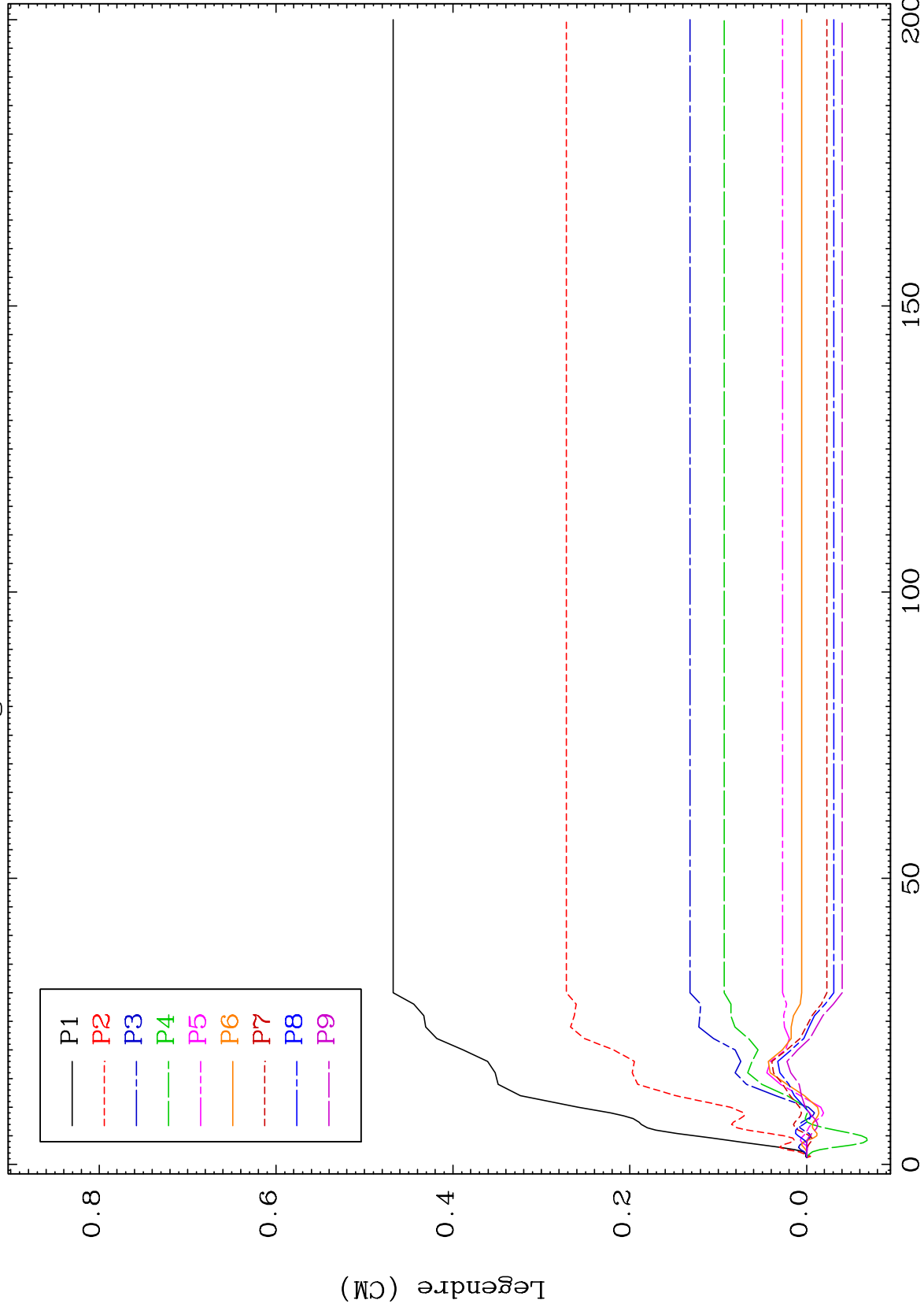




MAT 6043

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

60-Nd-148



39

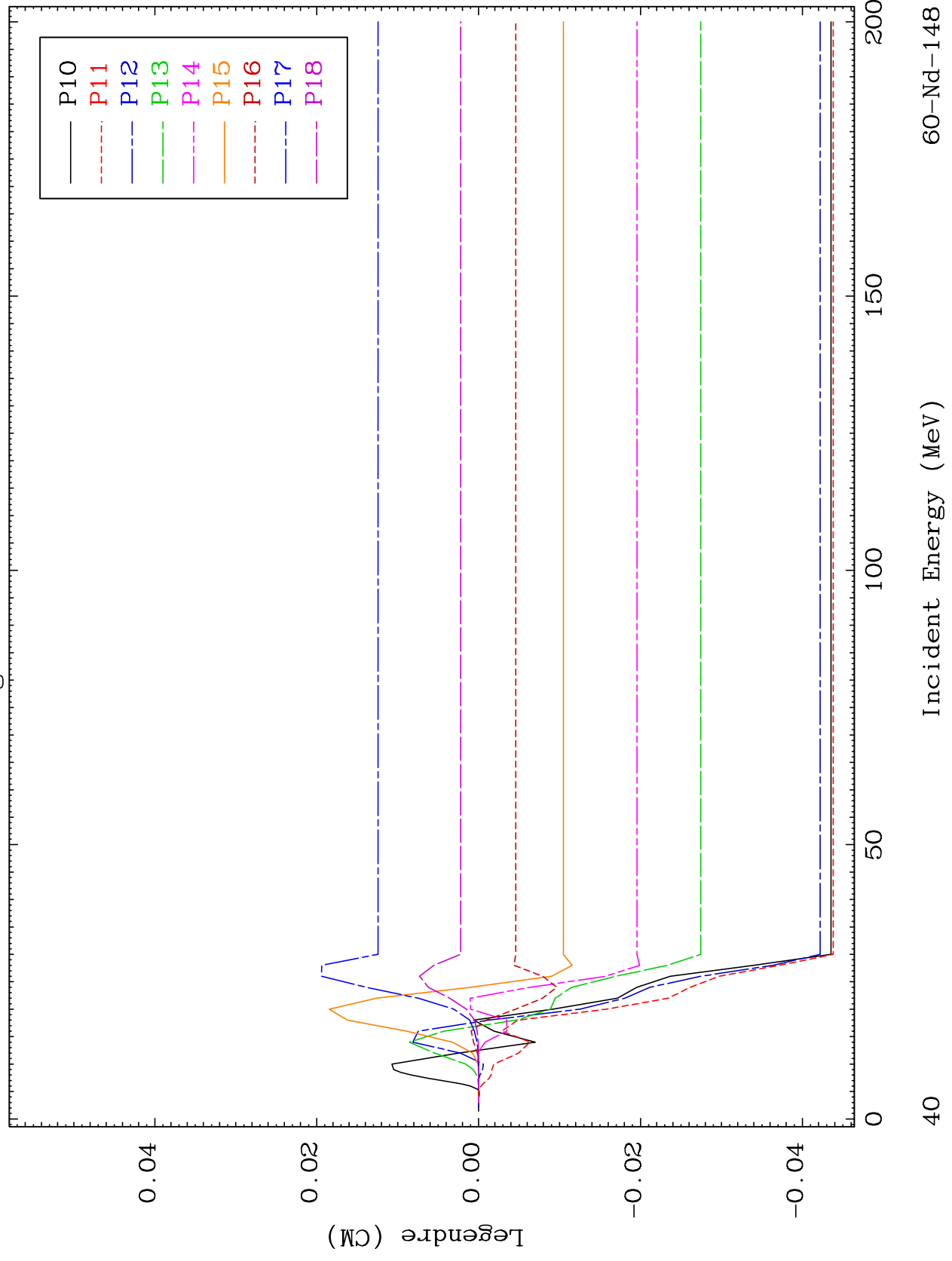
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

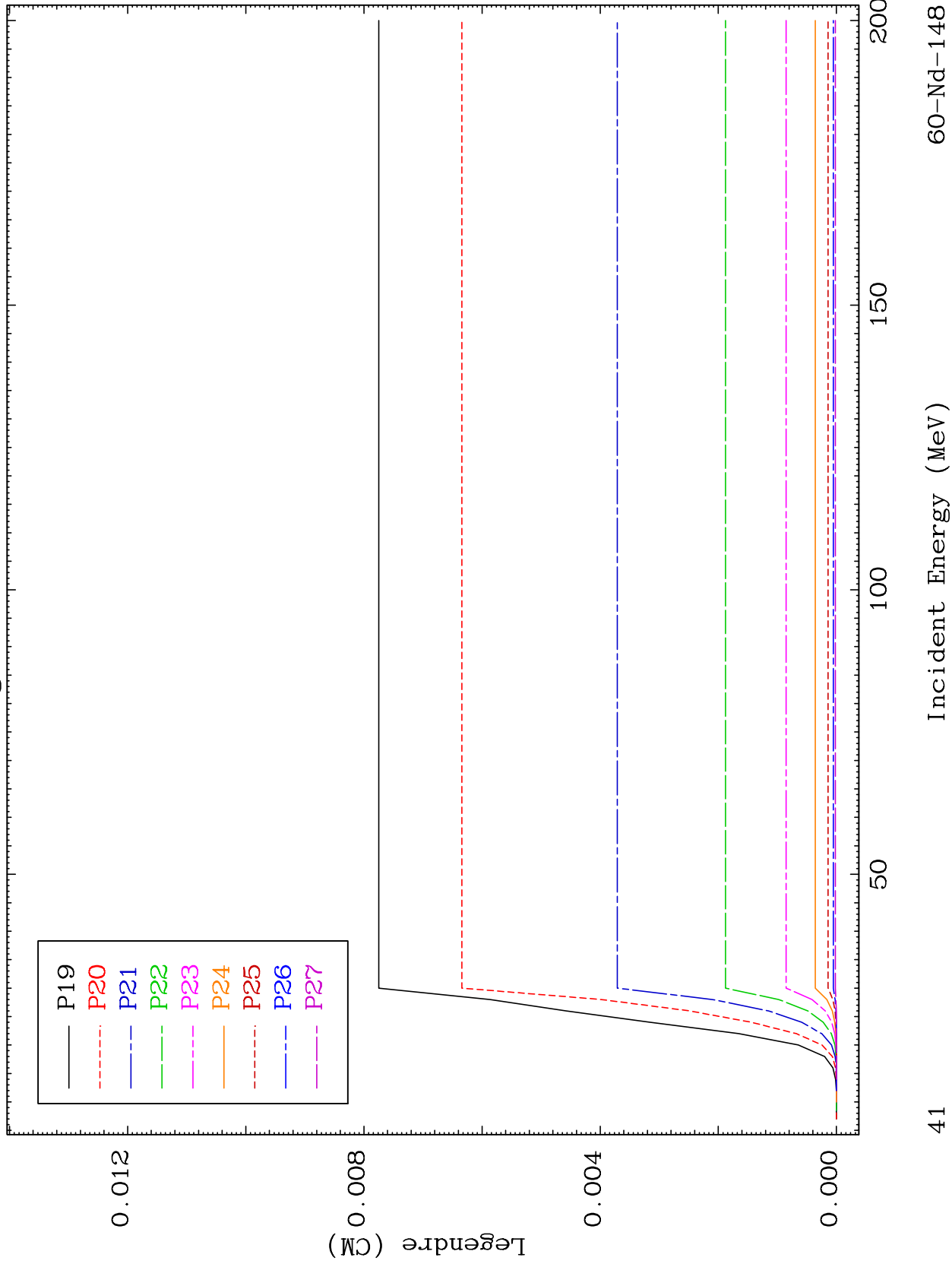
Incident Energy (MeV)

40

MAT 6043

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

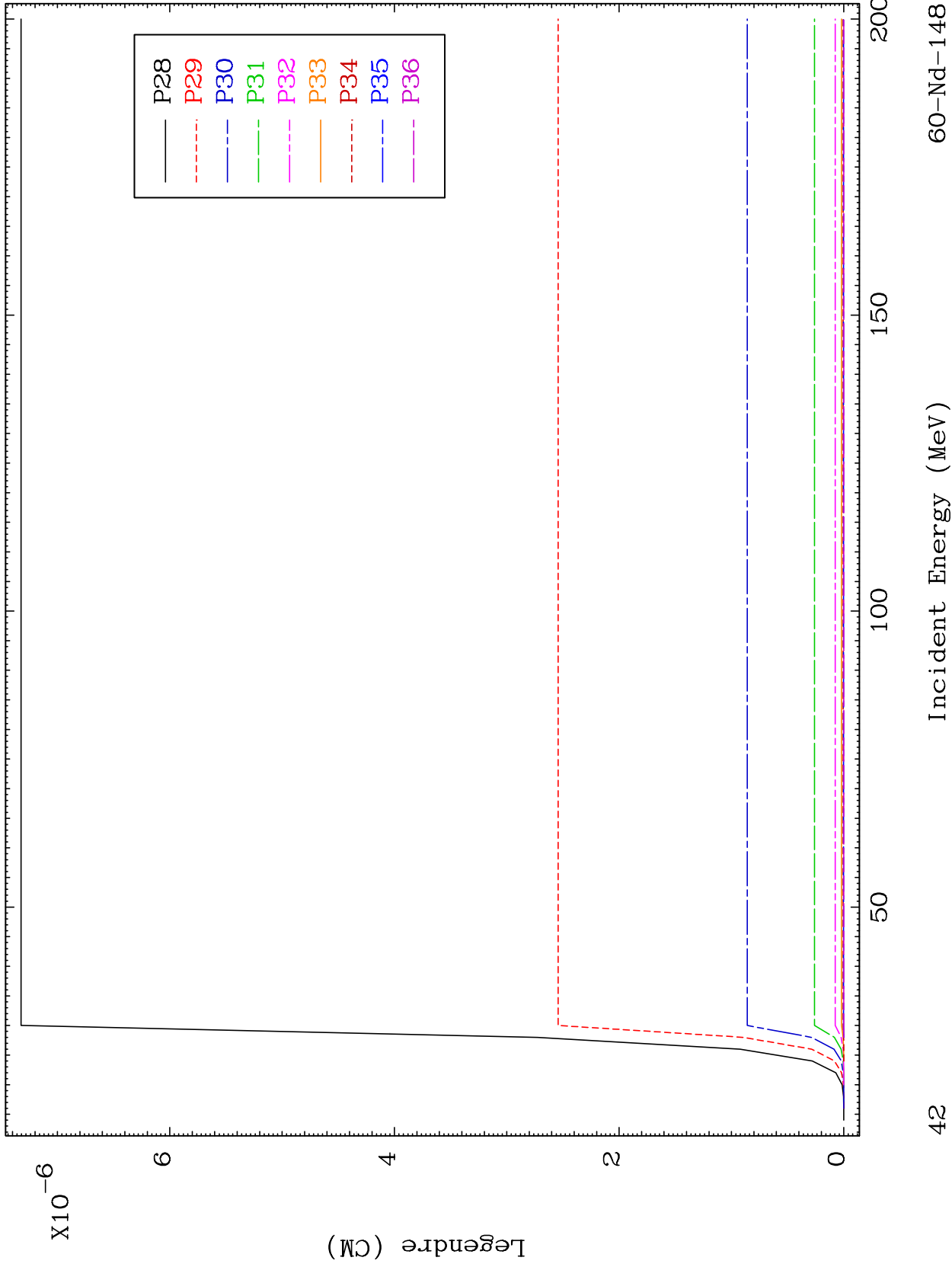
60-Nd-148



MAT 6043

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

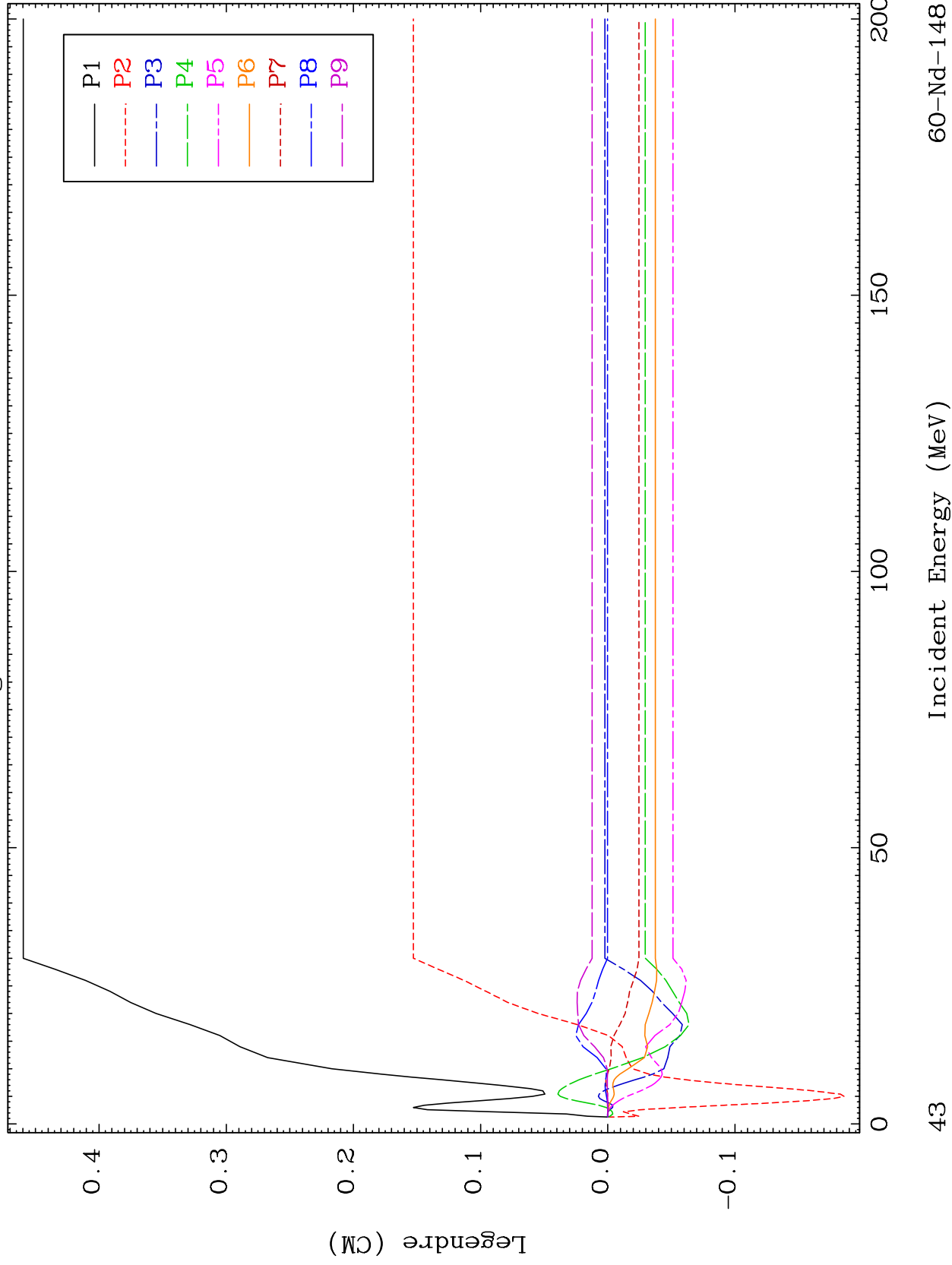
60-Nd-148



MAT 6043

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

60-Nd-148



60-Nd-148

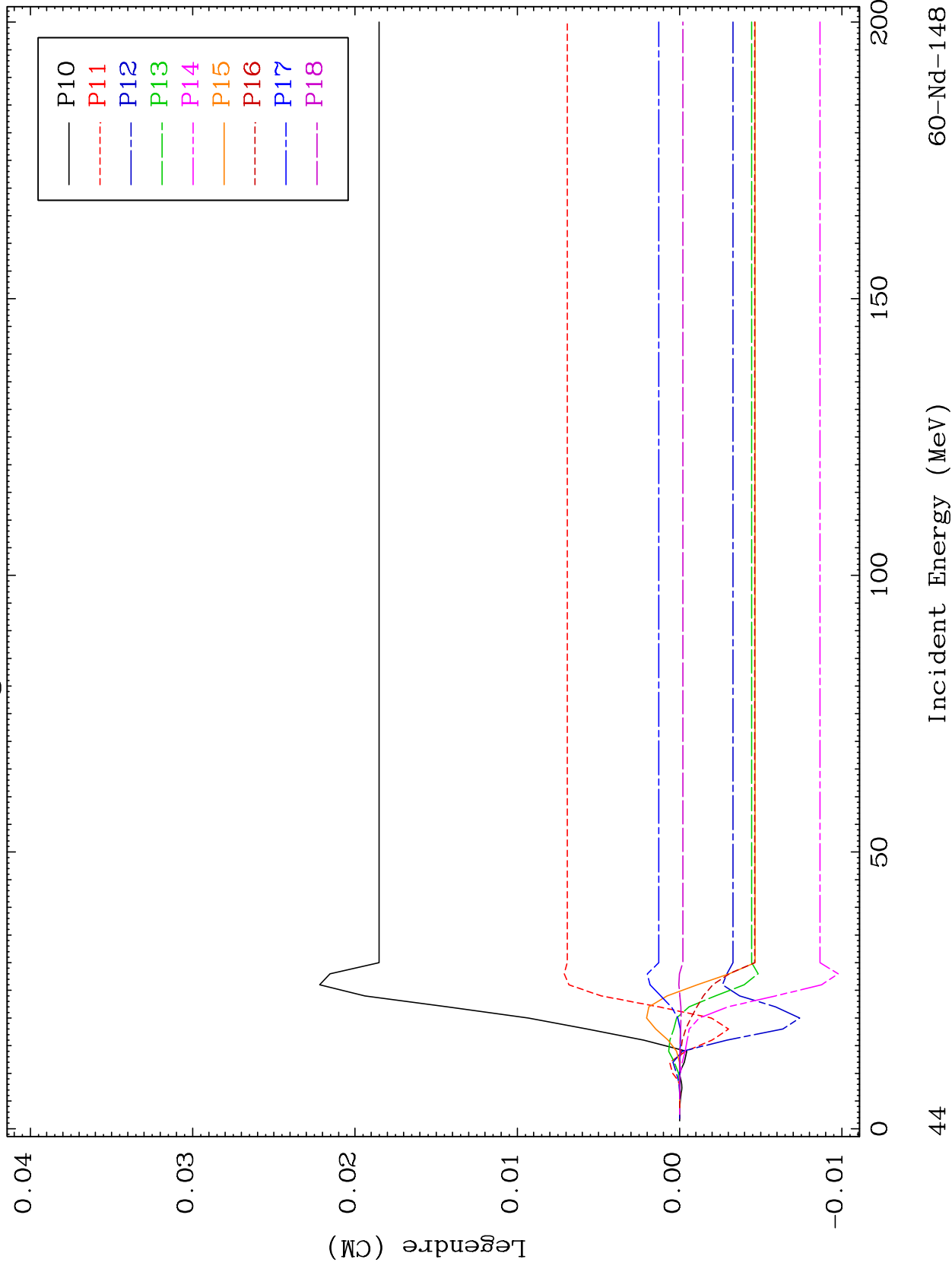
Incident Energy (MeV)

43

MAT 6043

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

60-Nd-148



60-Nd-148

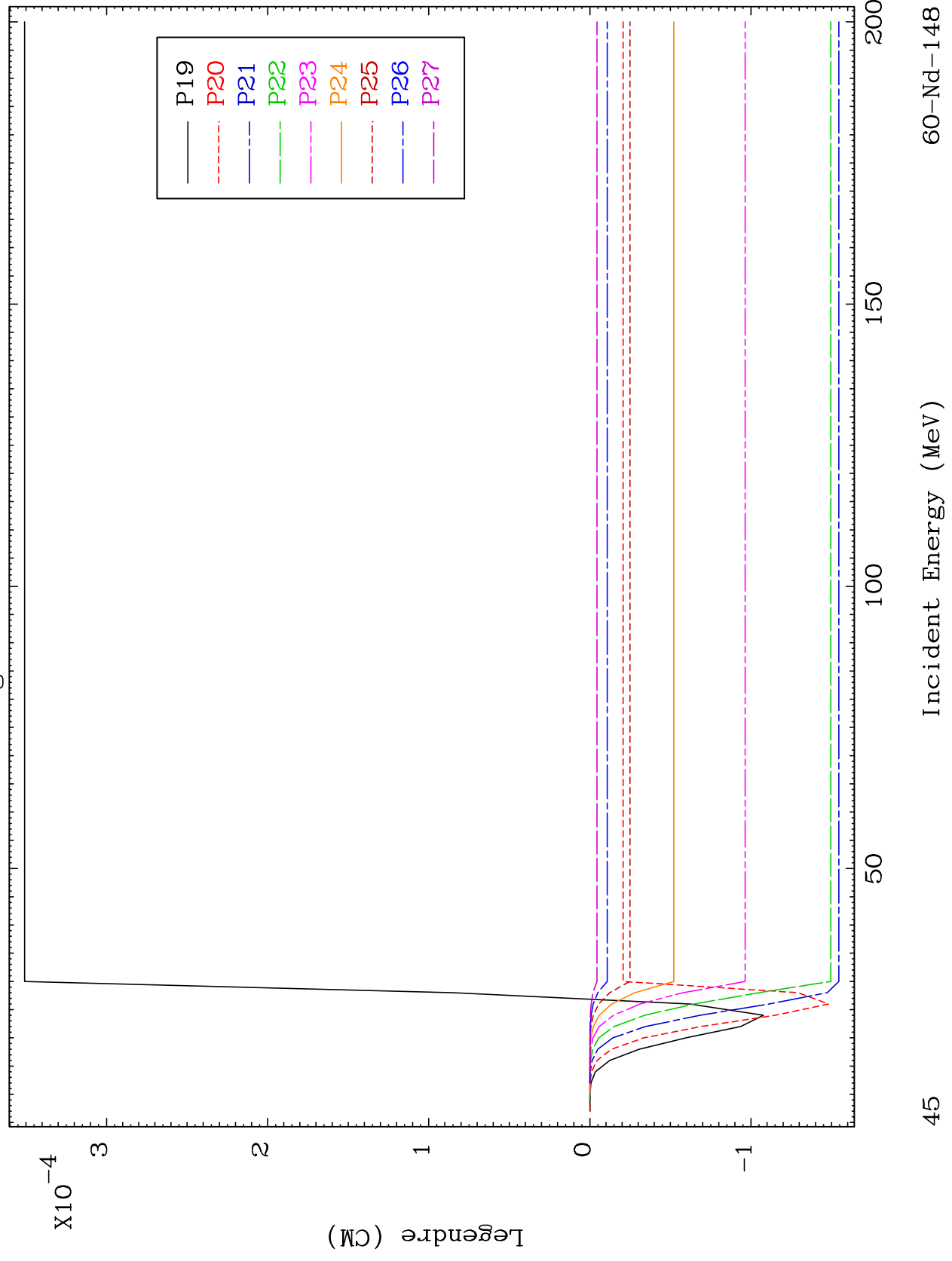
Incident Energy (MeV)

44

MAT 6043

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

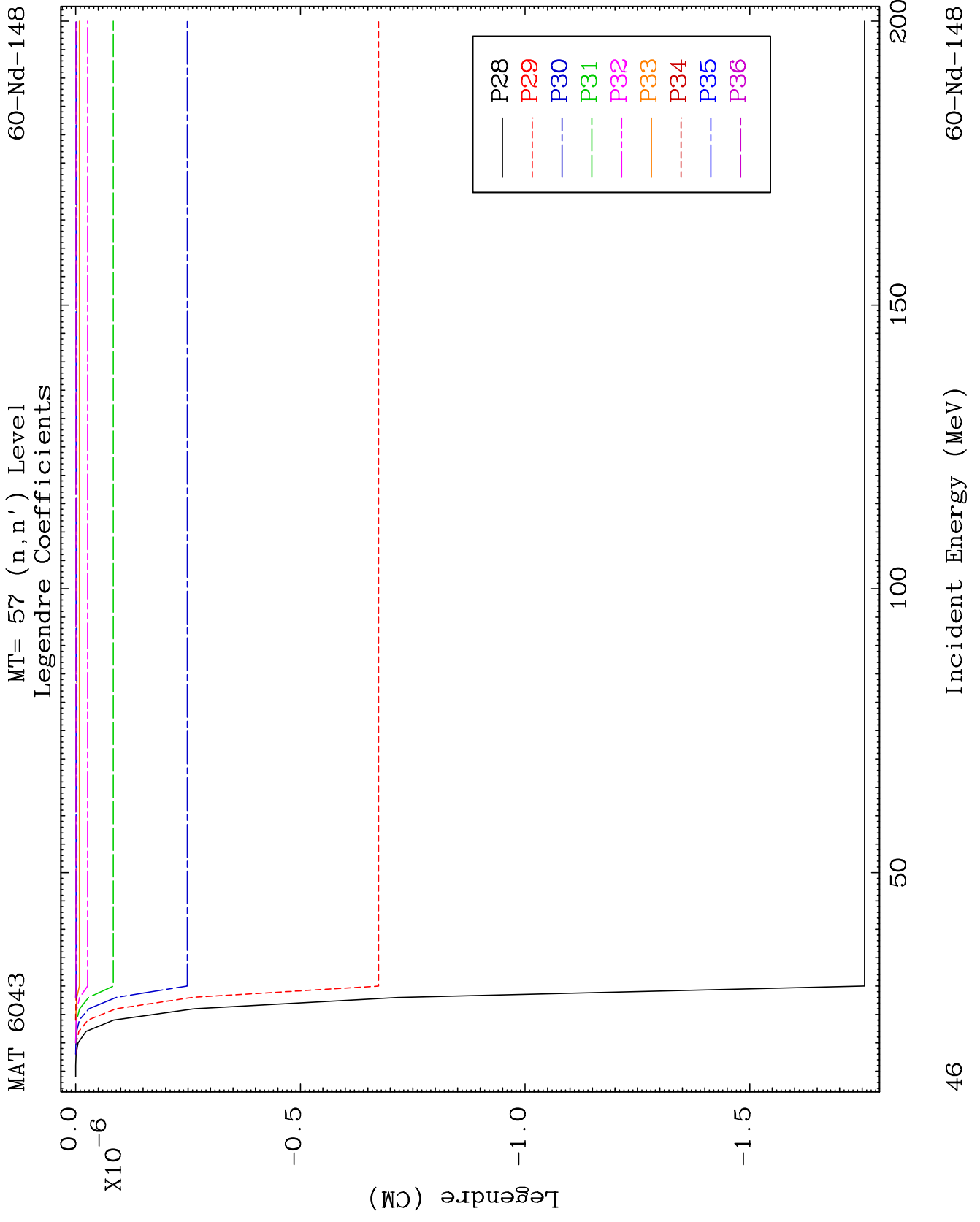
60-Nd-148



45

Incident Energy (MeV)

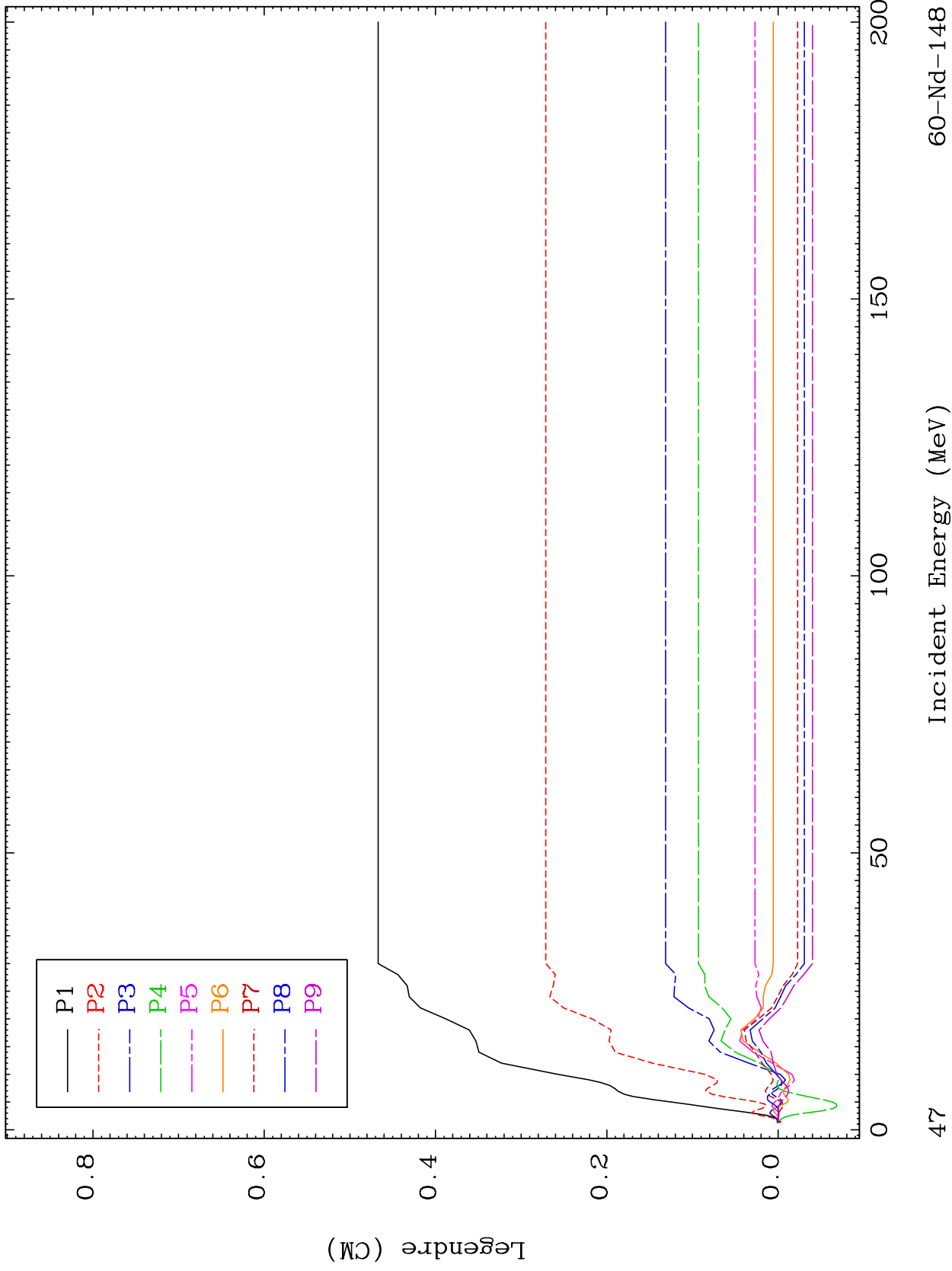
60-Nd-148



MAT 6043

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

60-Nd-148



47

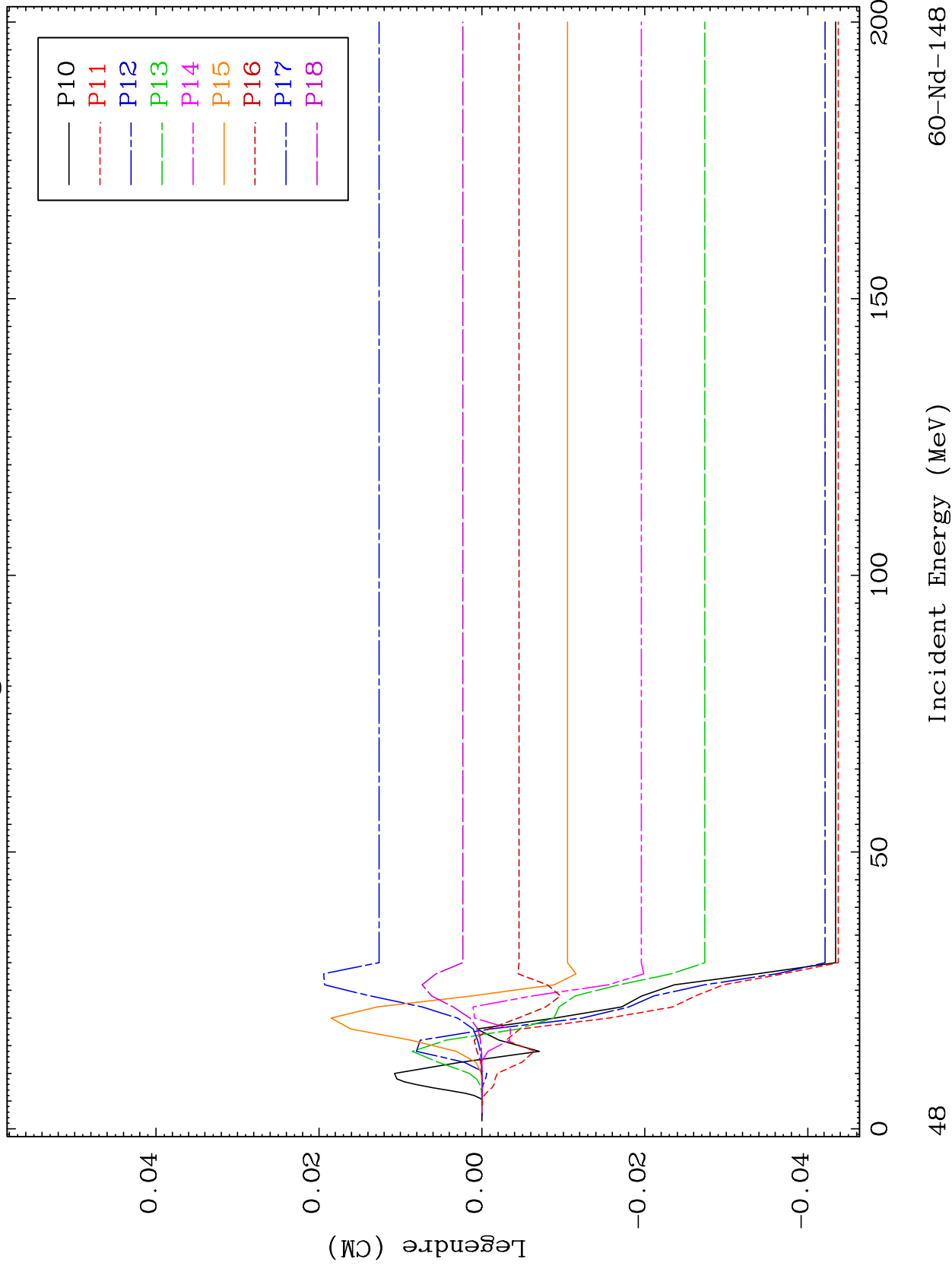
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

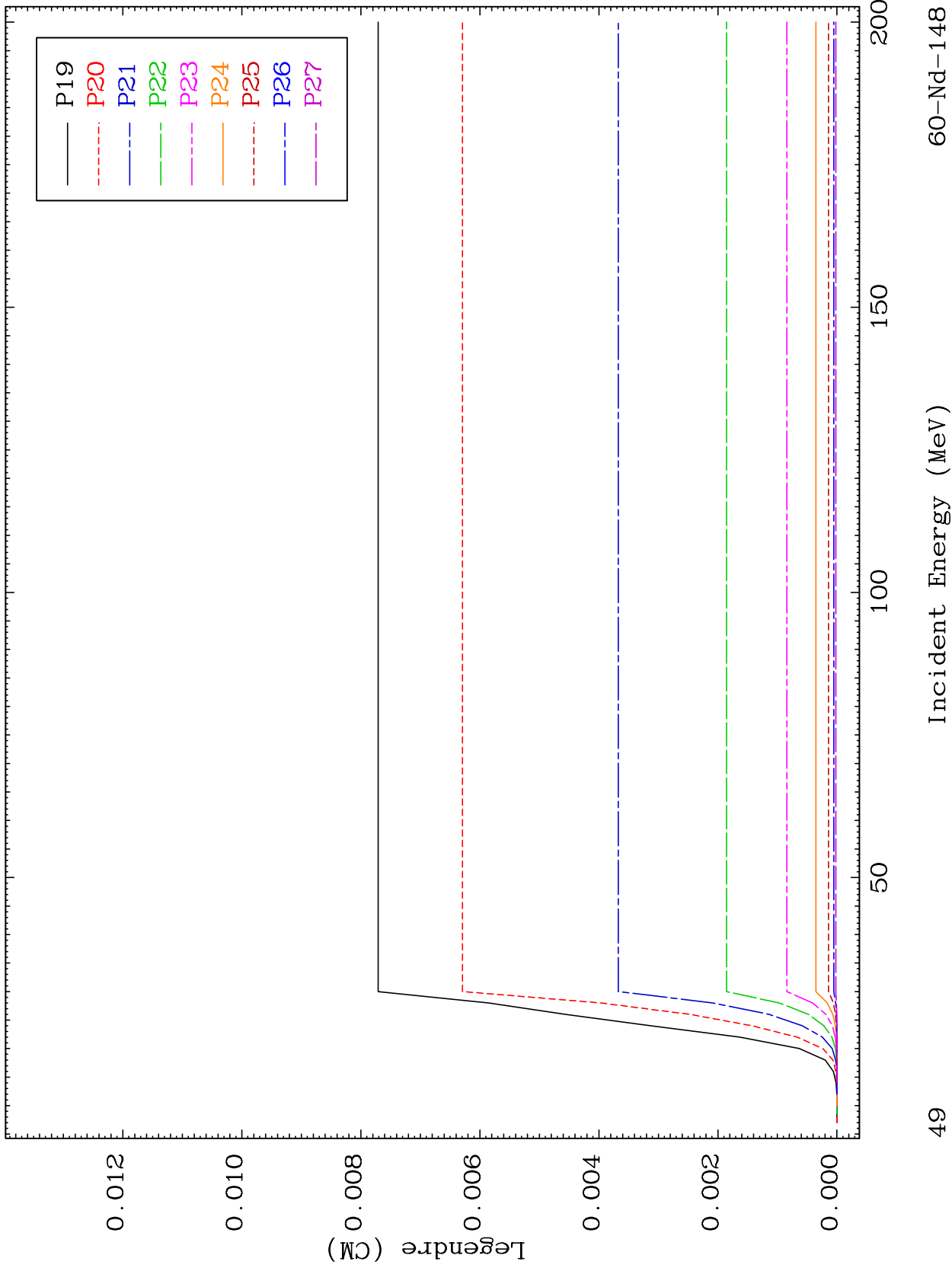
Incident Energy (MeV)

48

MAT 6043

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

60-Nd-148



49

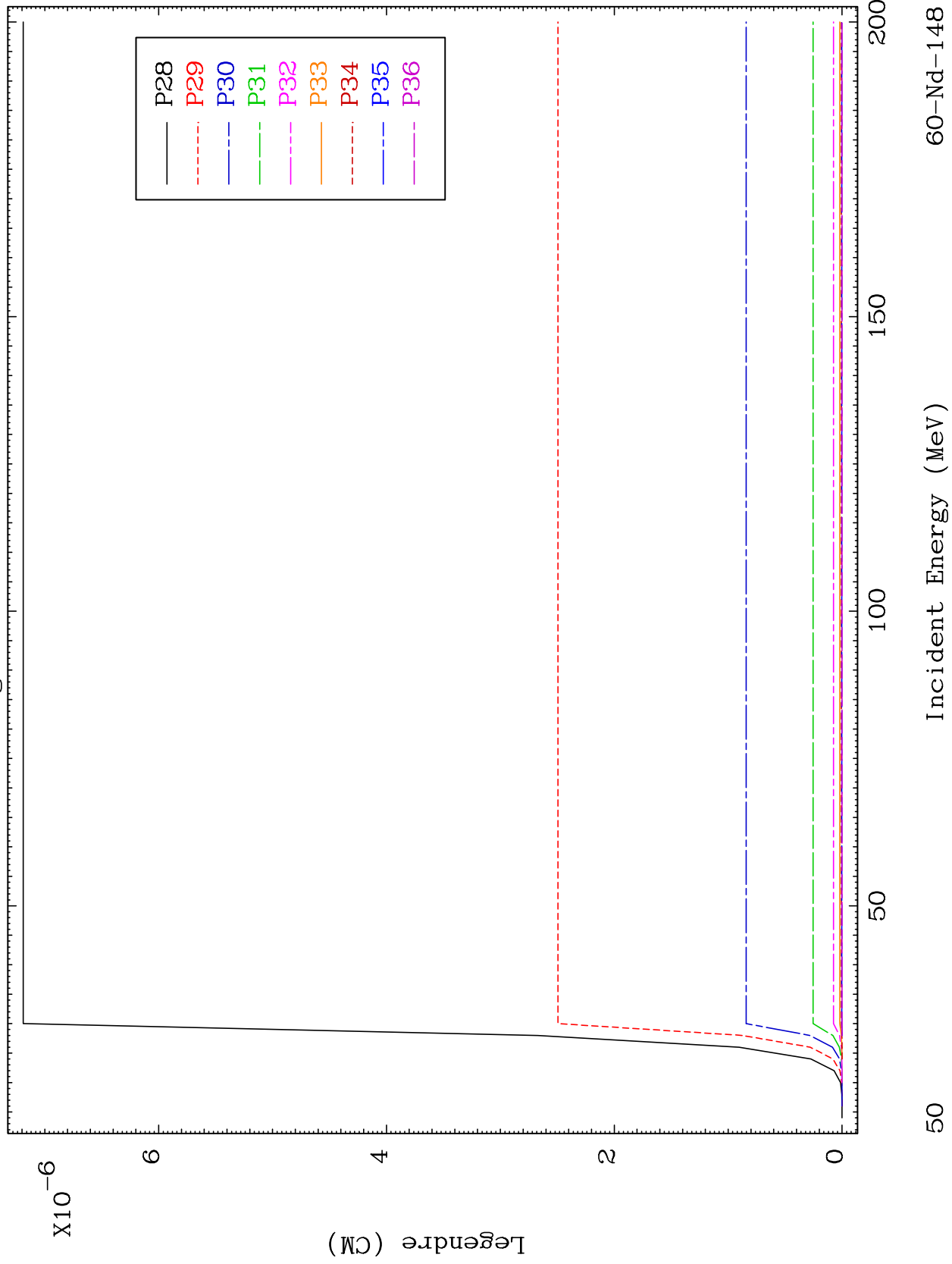
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

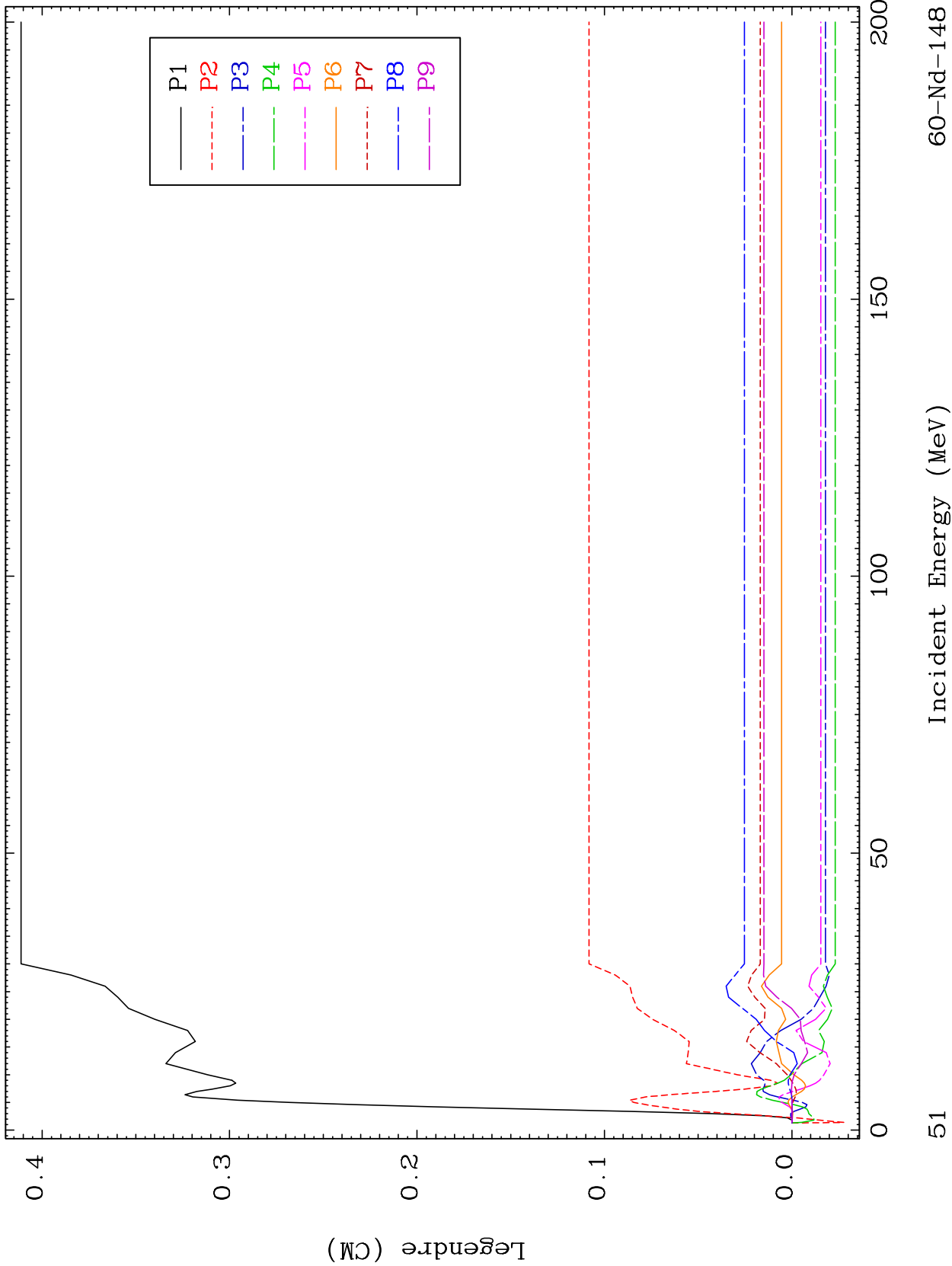
60-Nd-148



MAT 6043

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

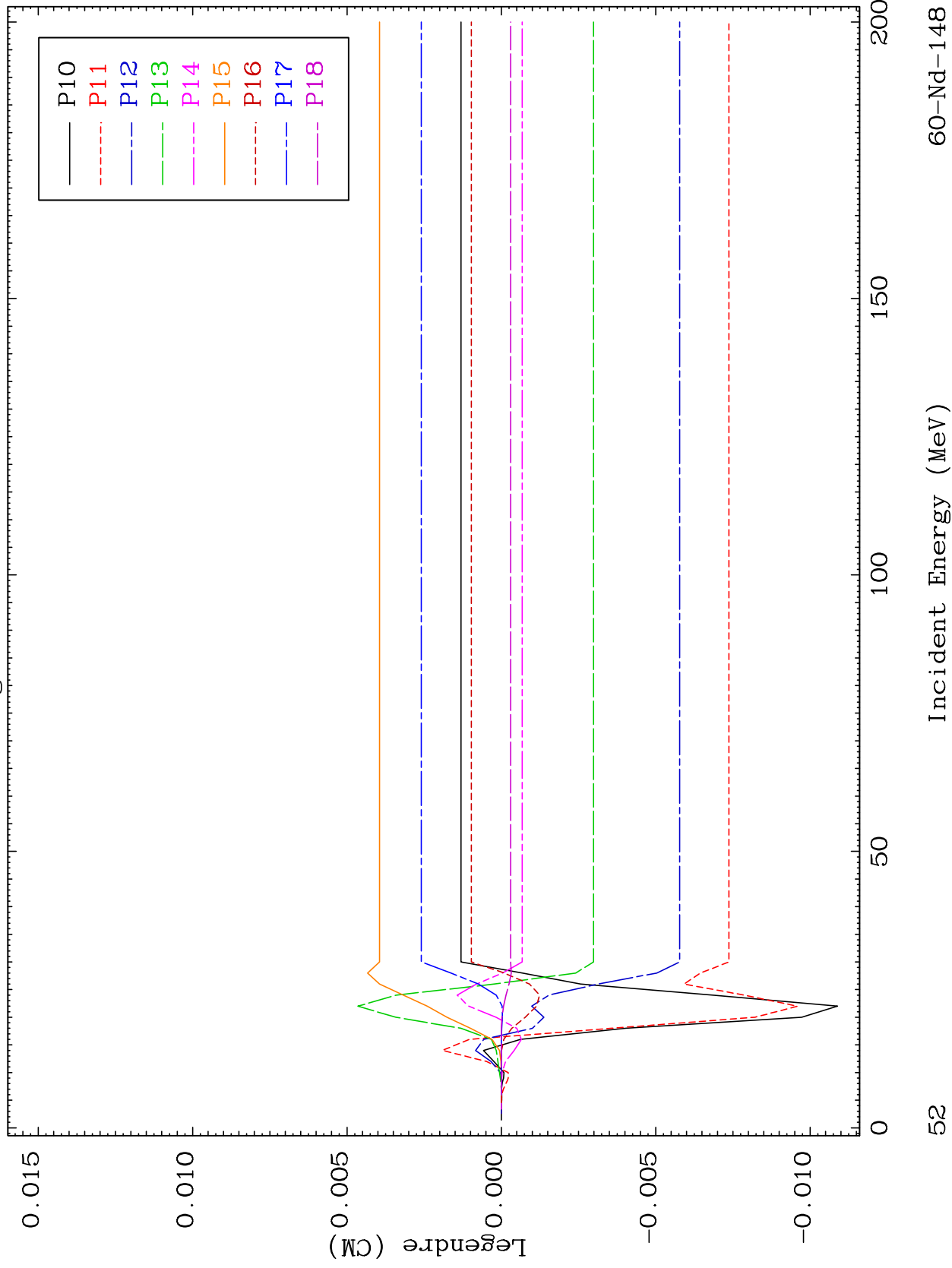
60-Nd-148



MAT 6043

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

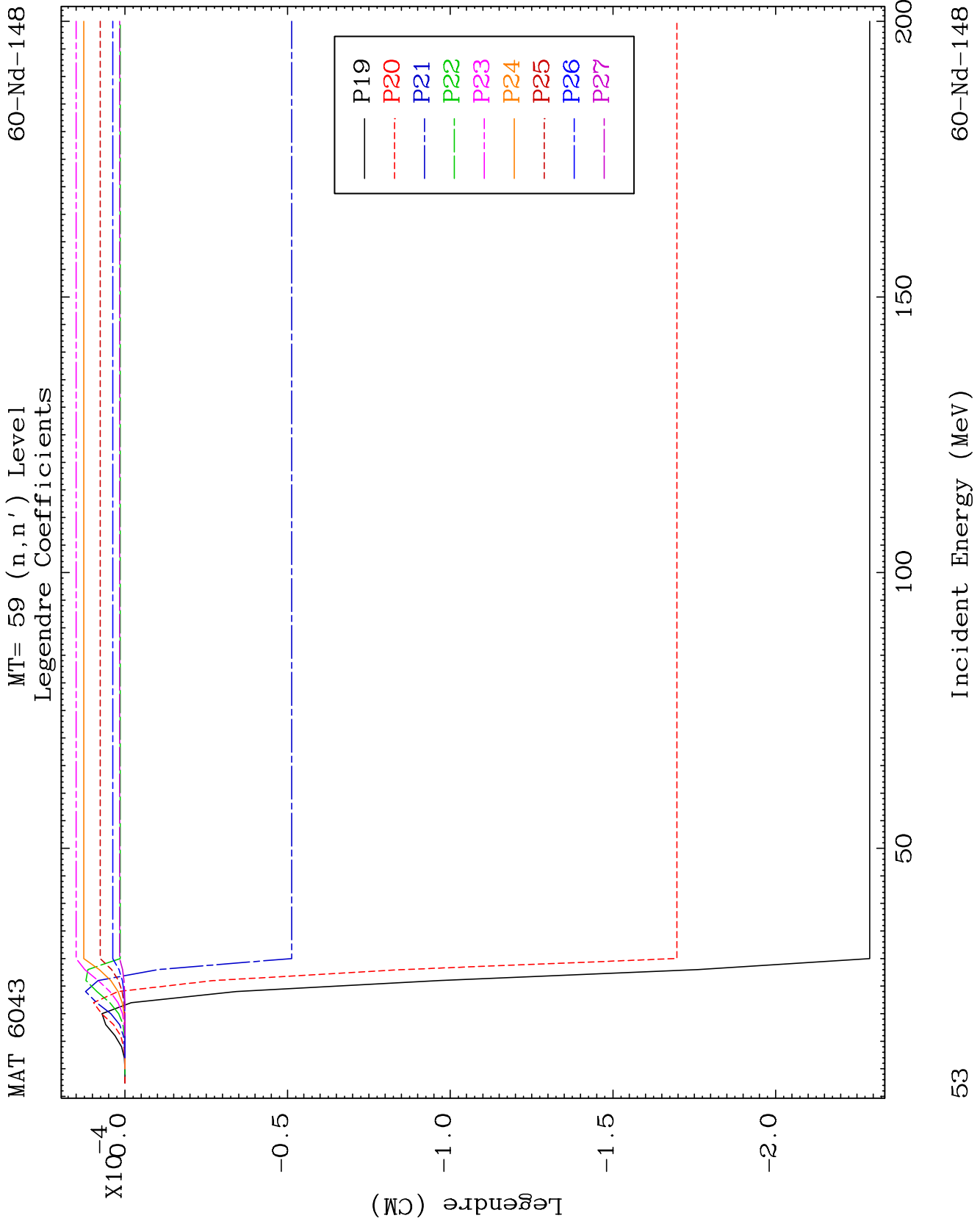
60-Nd-148



60-Nd-148

Incident Energy (MeV)

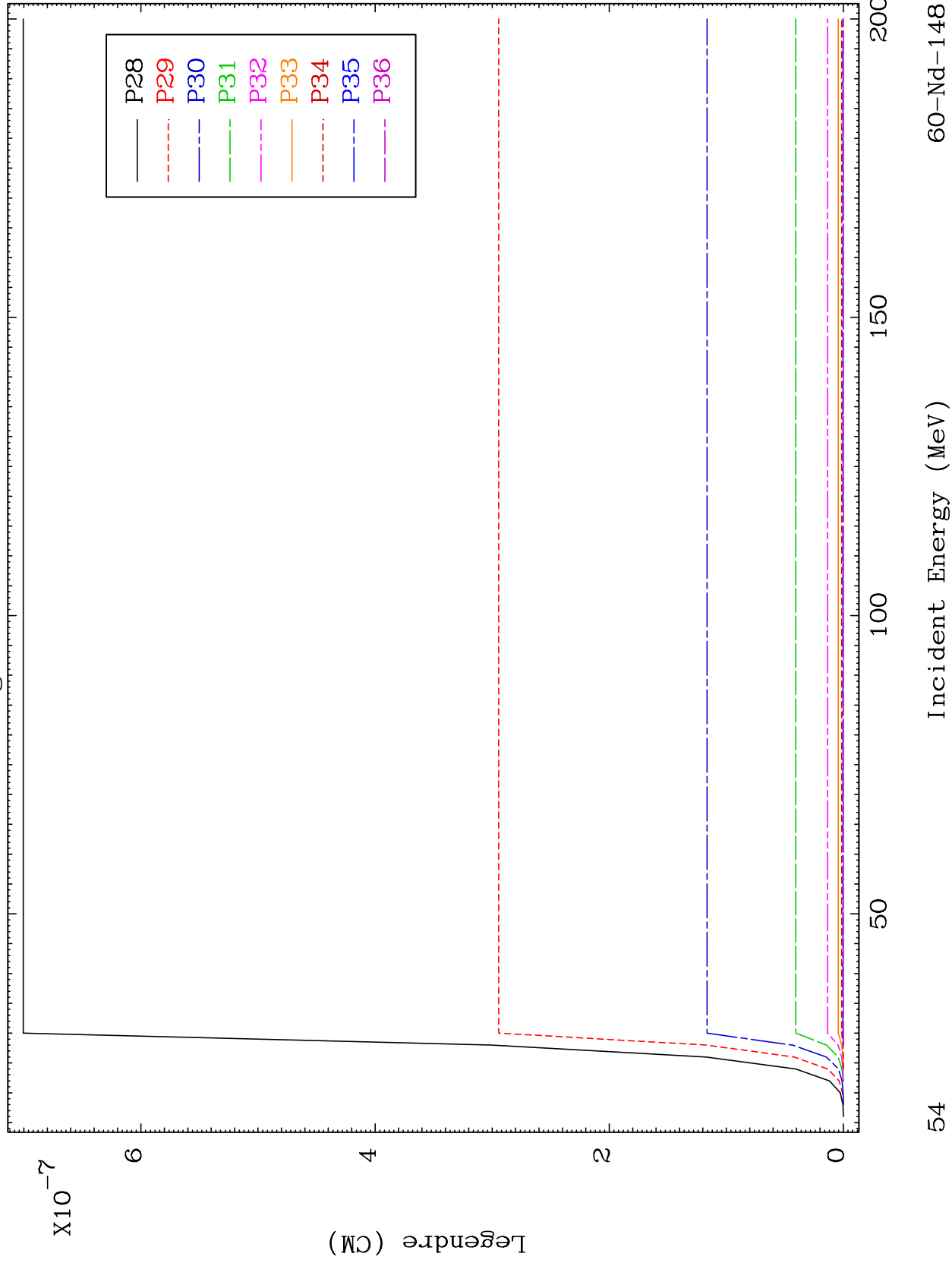
52



MAT 6043

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

60-Nd-148



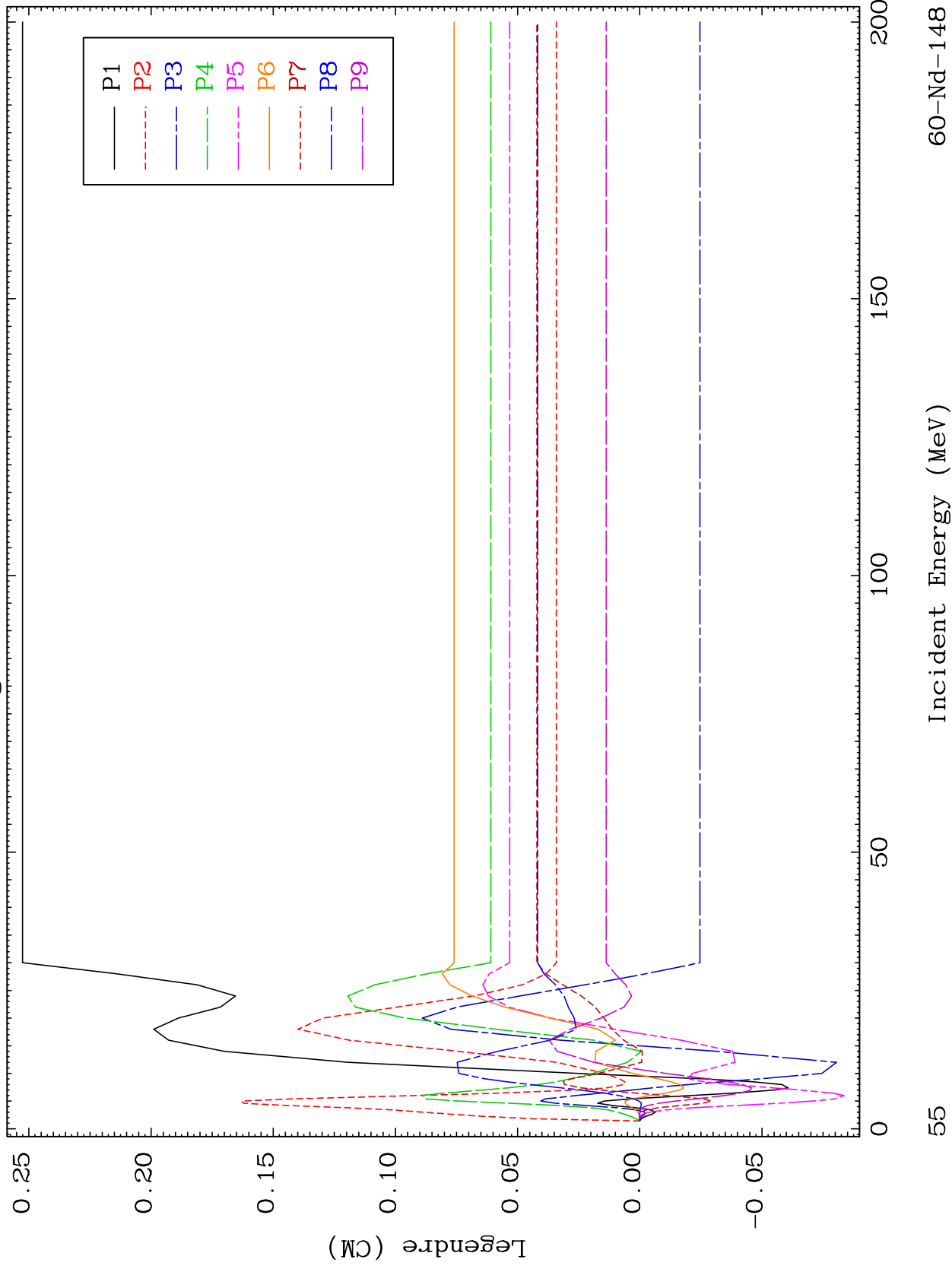
54

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

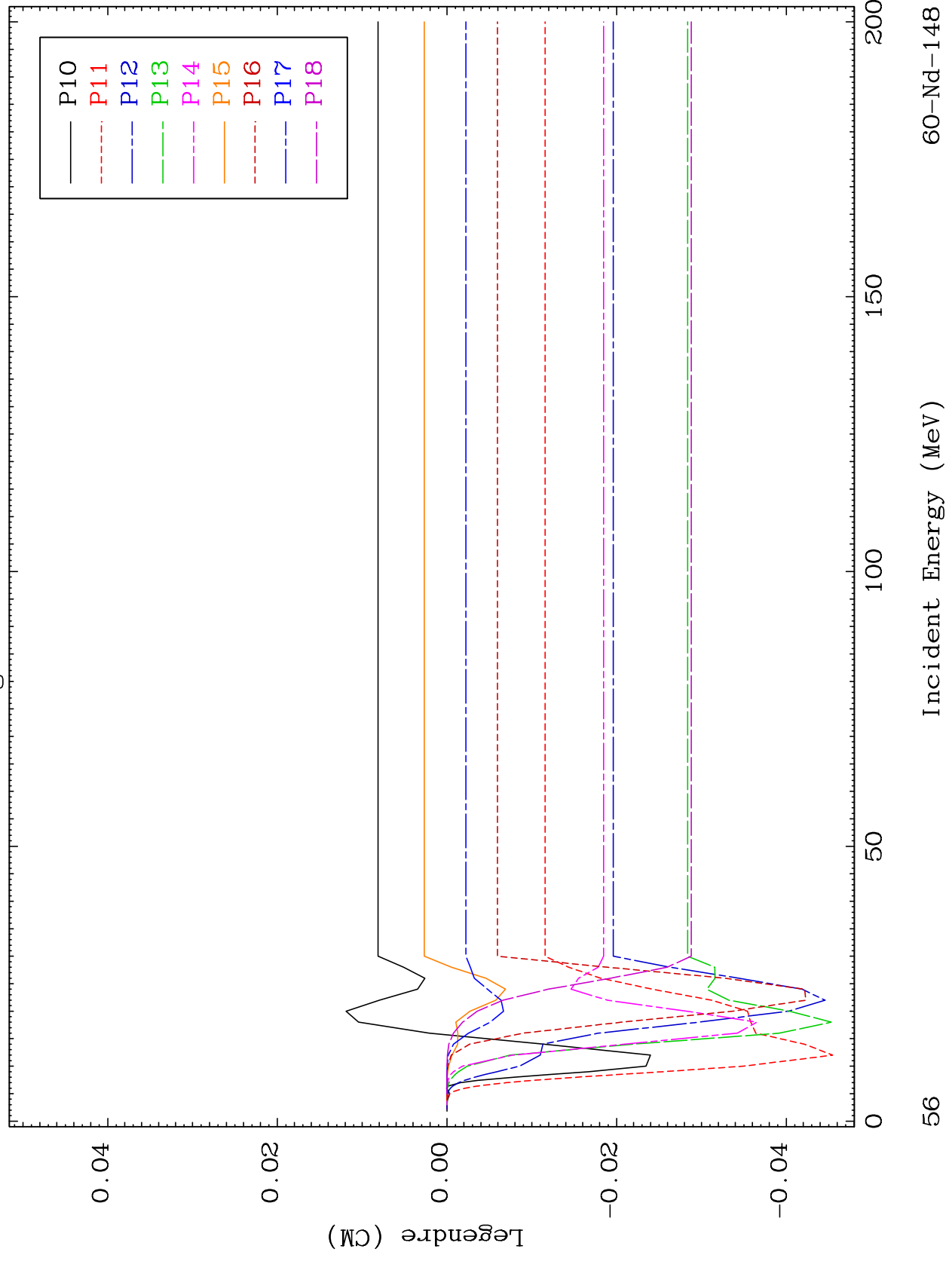
Incident Energy (MeV)

55

MAT 6043

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

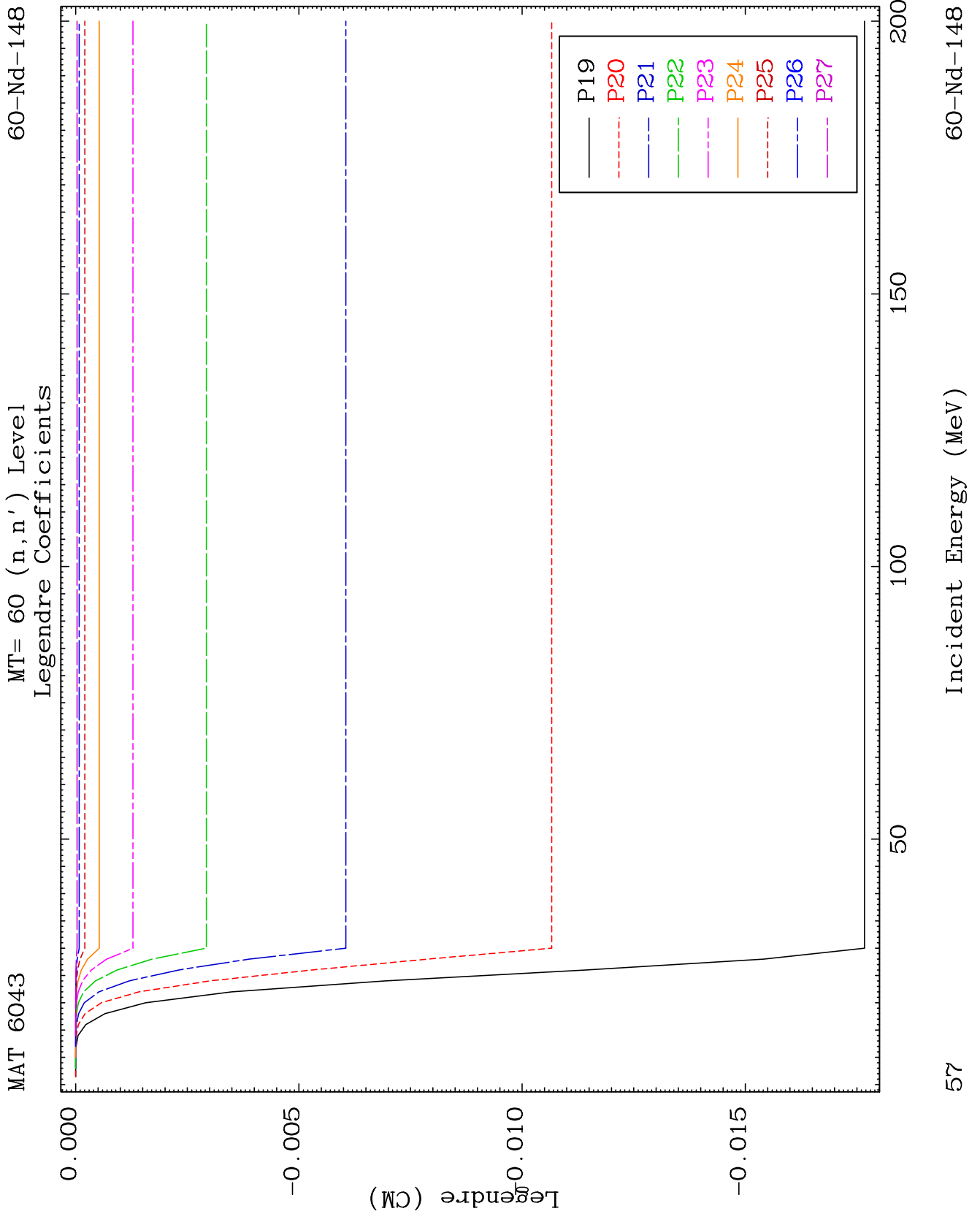
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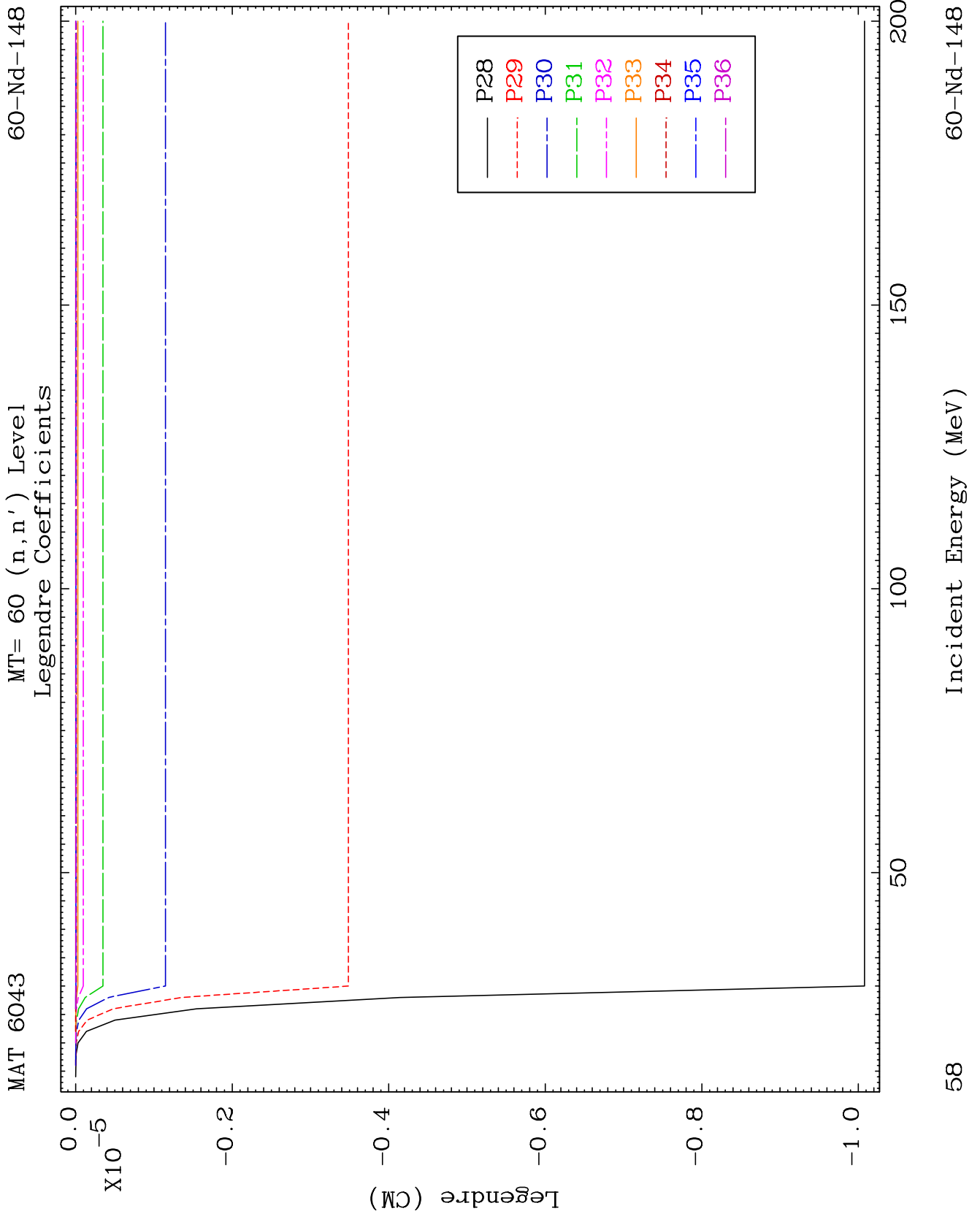


60-Nd-148

Incident Energy (MeV)

56

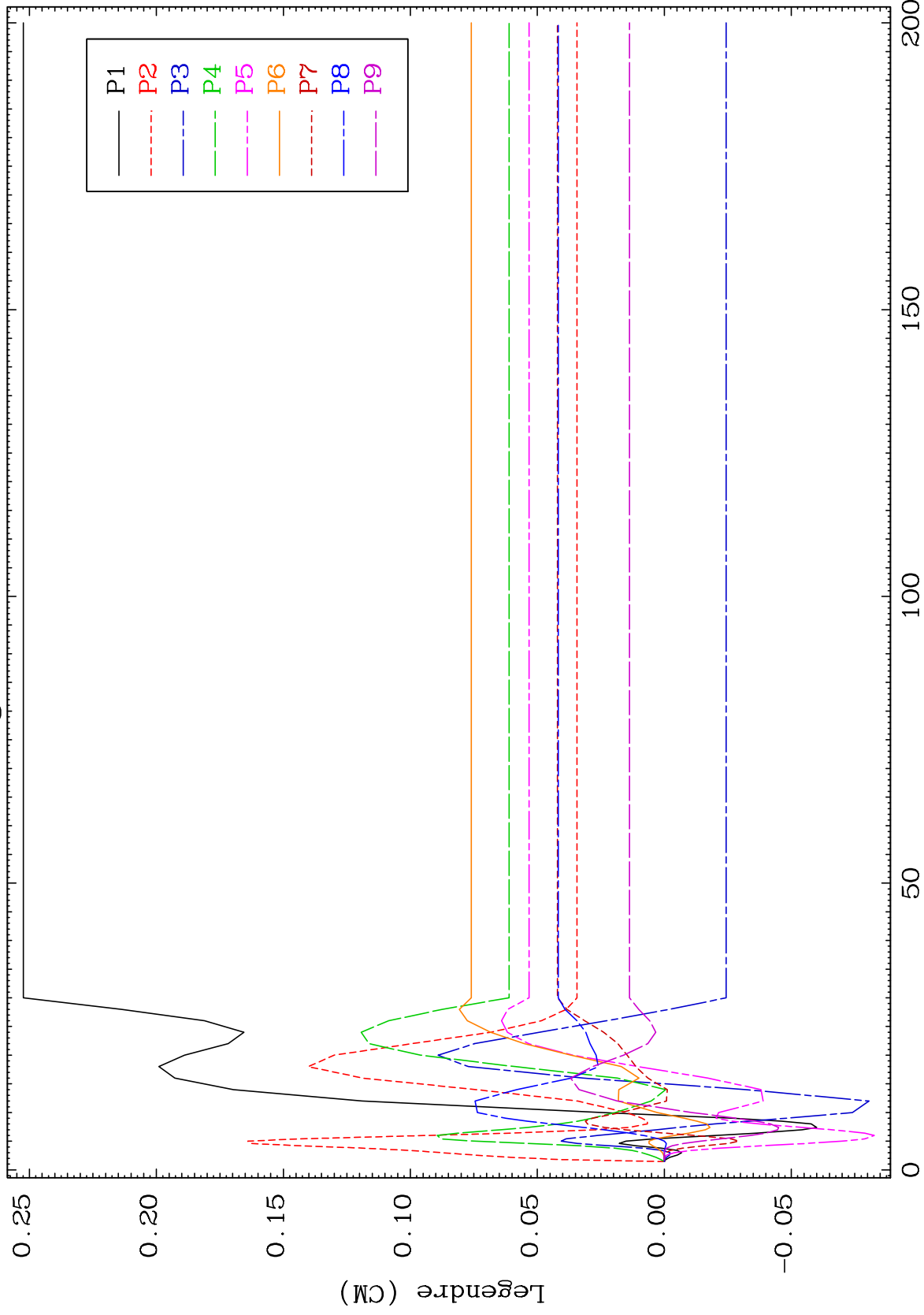




MAT 6043

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

60-Nd-148



59

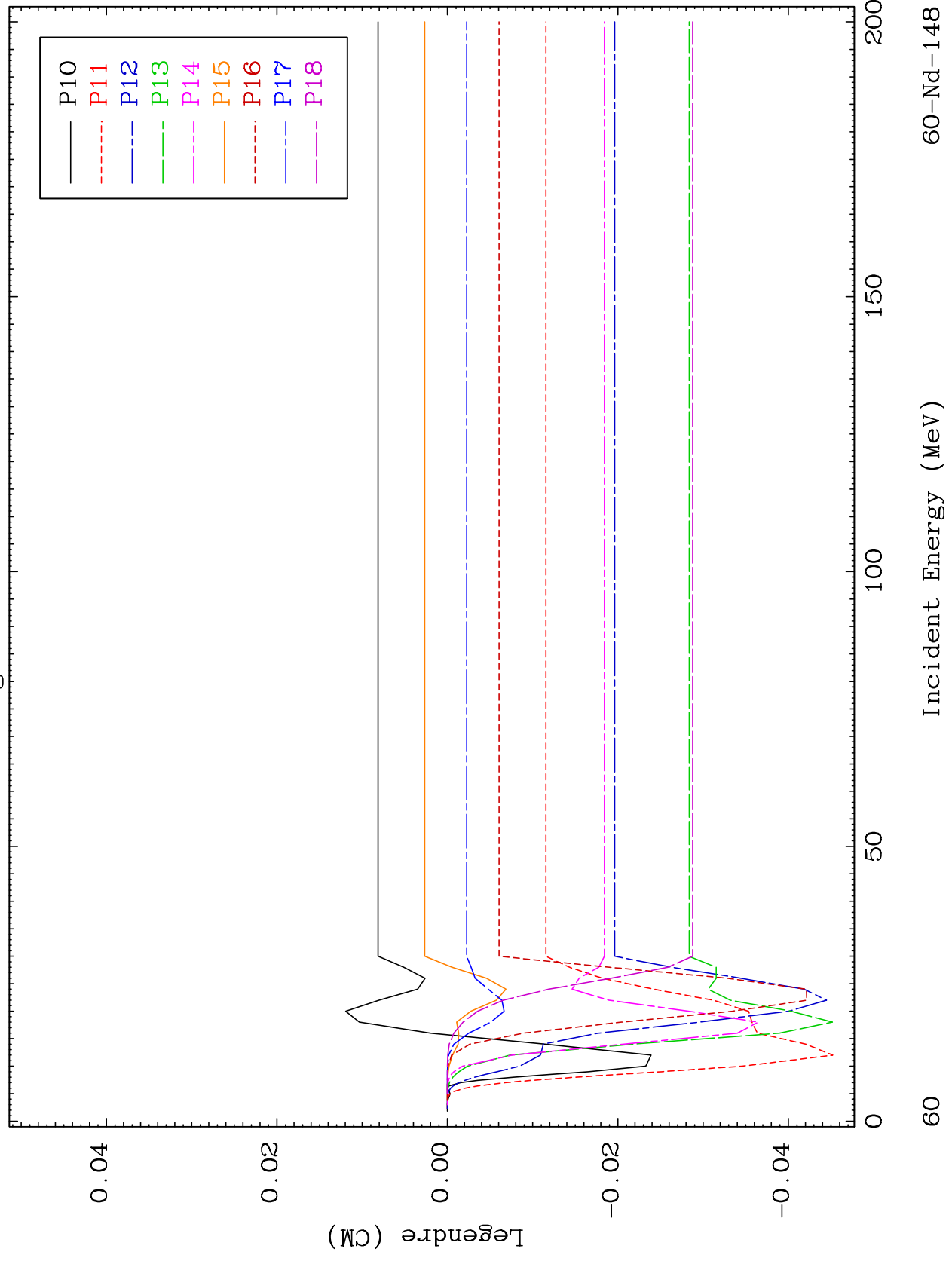
Incident Energy (MeV)

60-Nd-148

MAT 6043

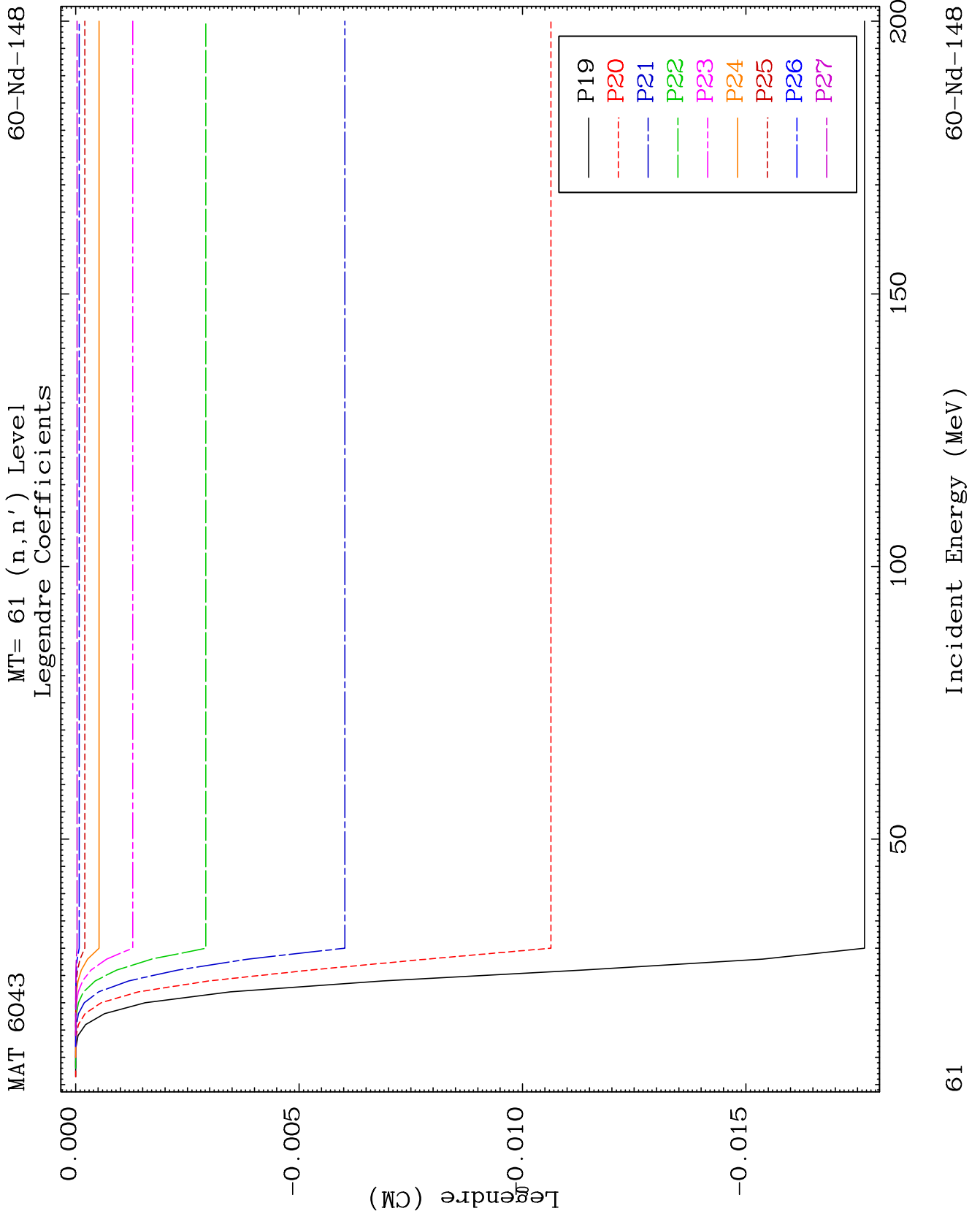
MT= 61 (n,n') Level
Legendre Coefficients

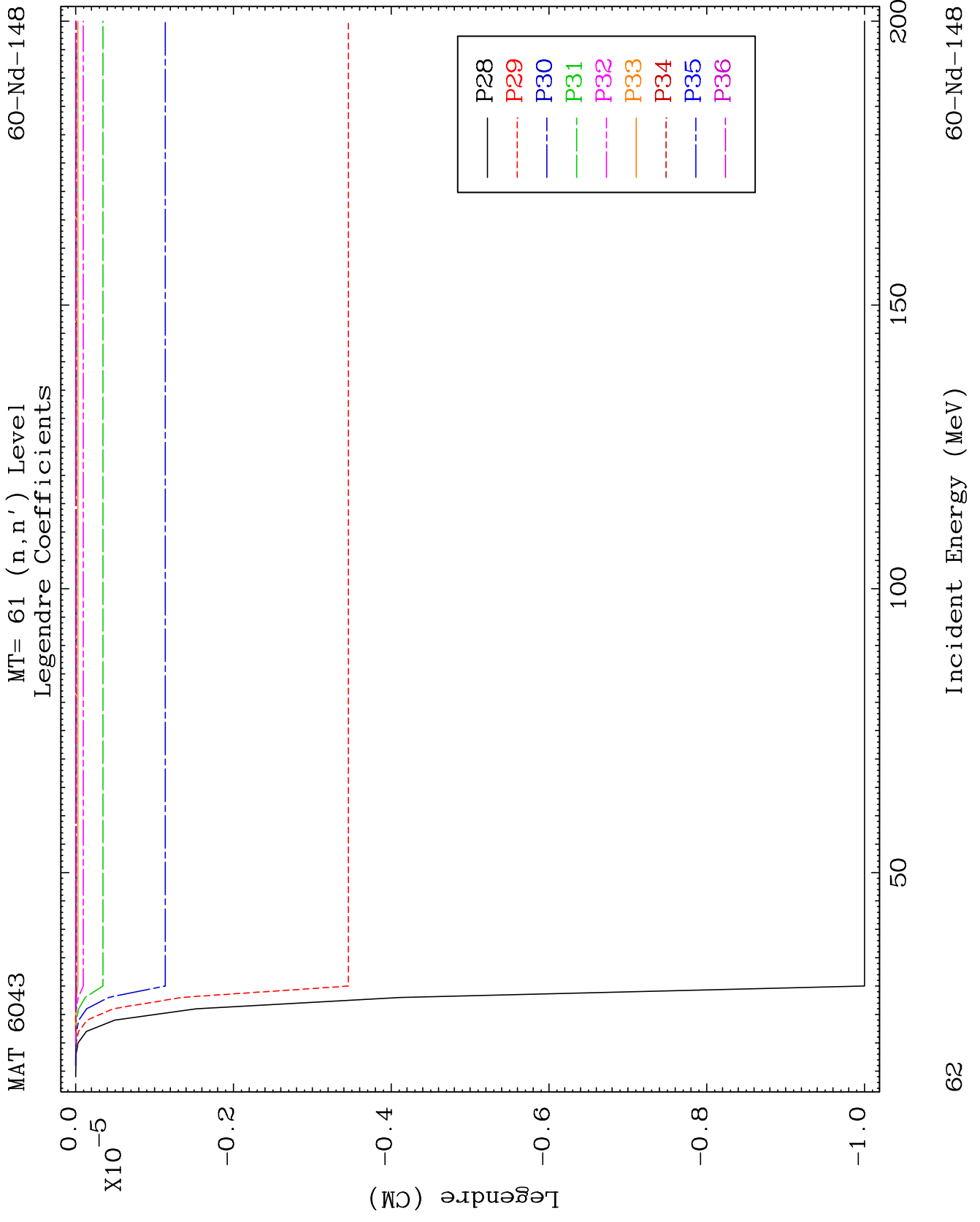
60-Nd-148



60-Nd-148

Incident Energy (MeV)

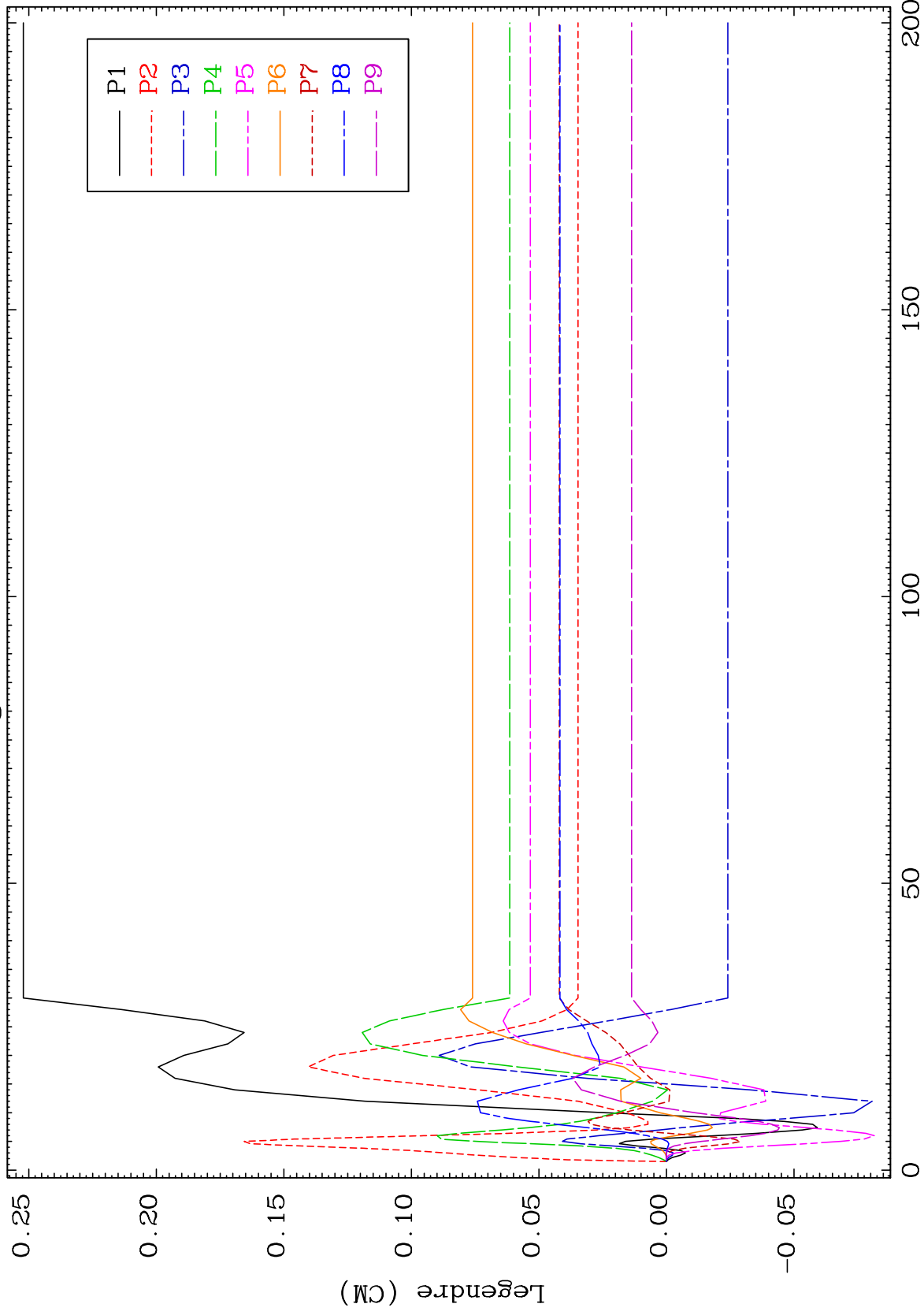




MAT 6043

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

60-Nd-148



60-Nd-148

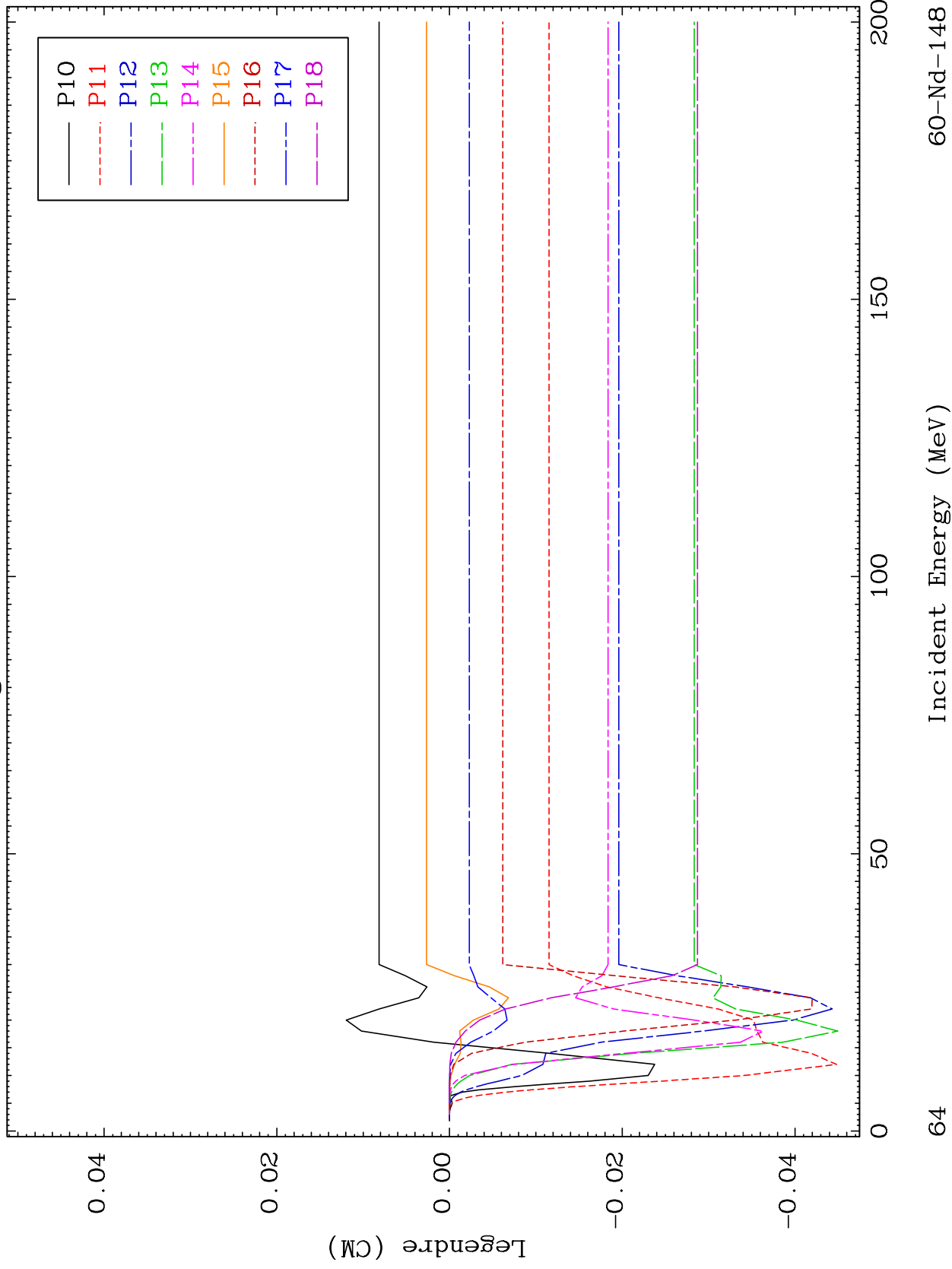
Incident Energy (MeV)

63

MAT 6043

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

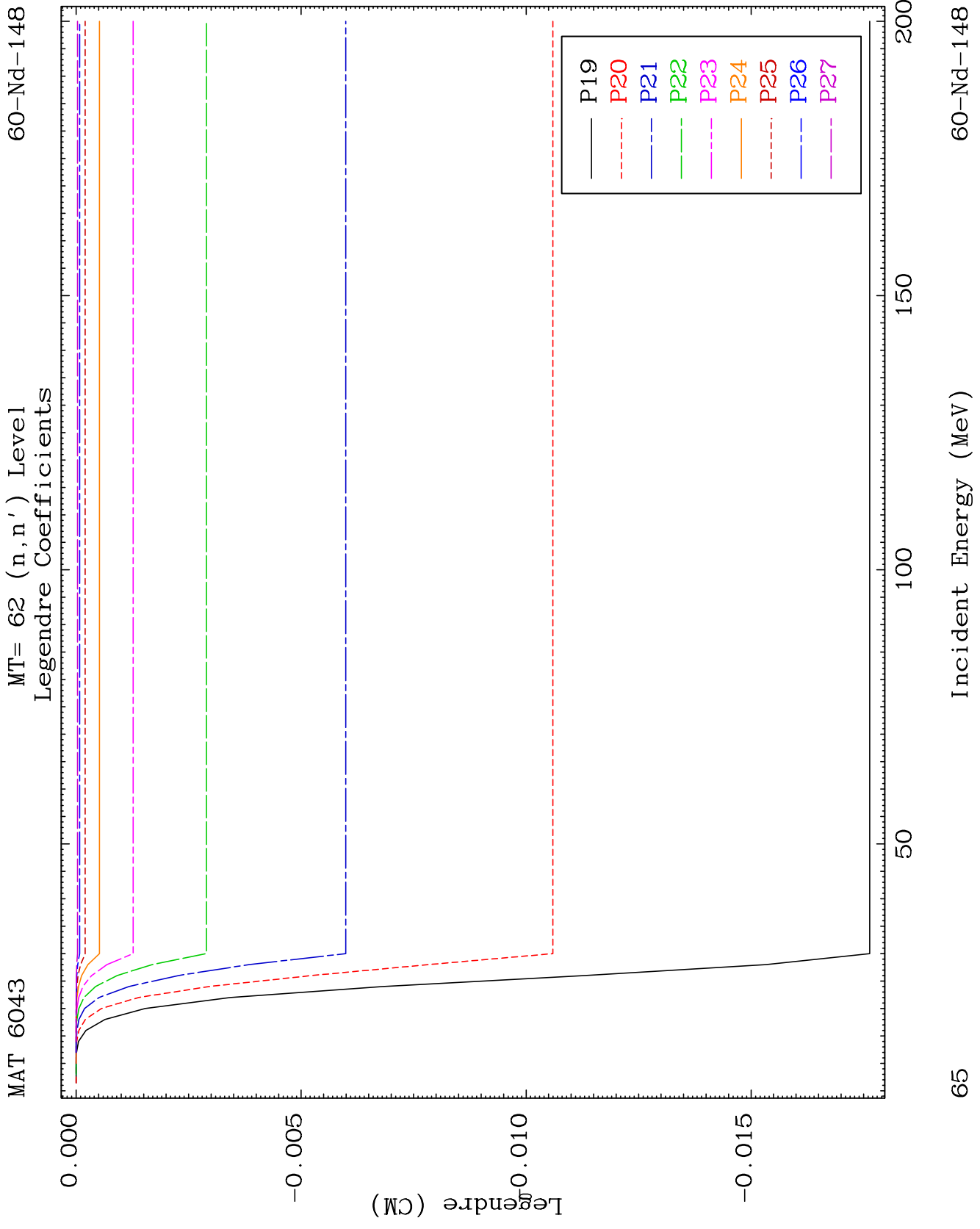
60-Nd-148

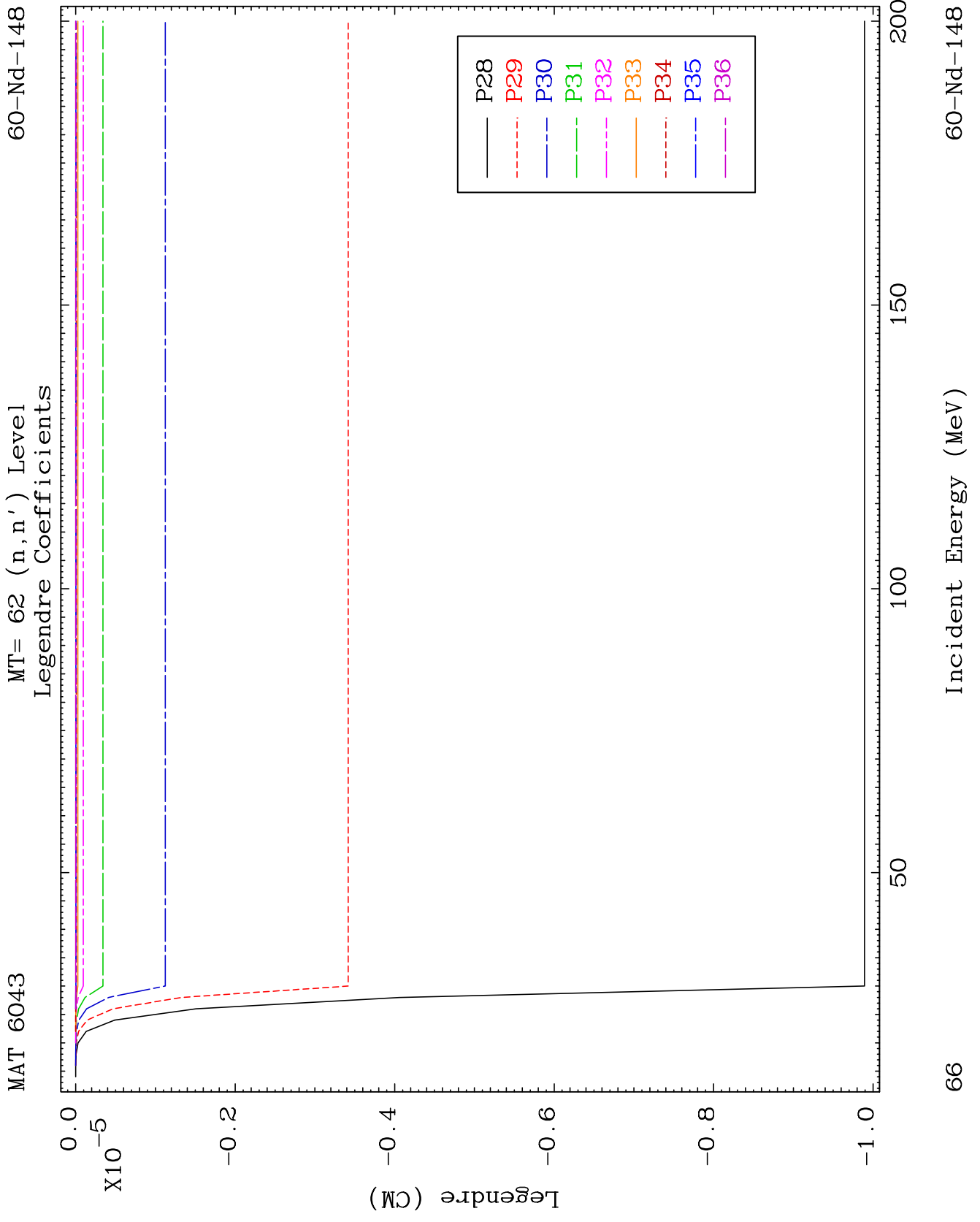


60-Nd-148

Incident Energy (MeV)

64

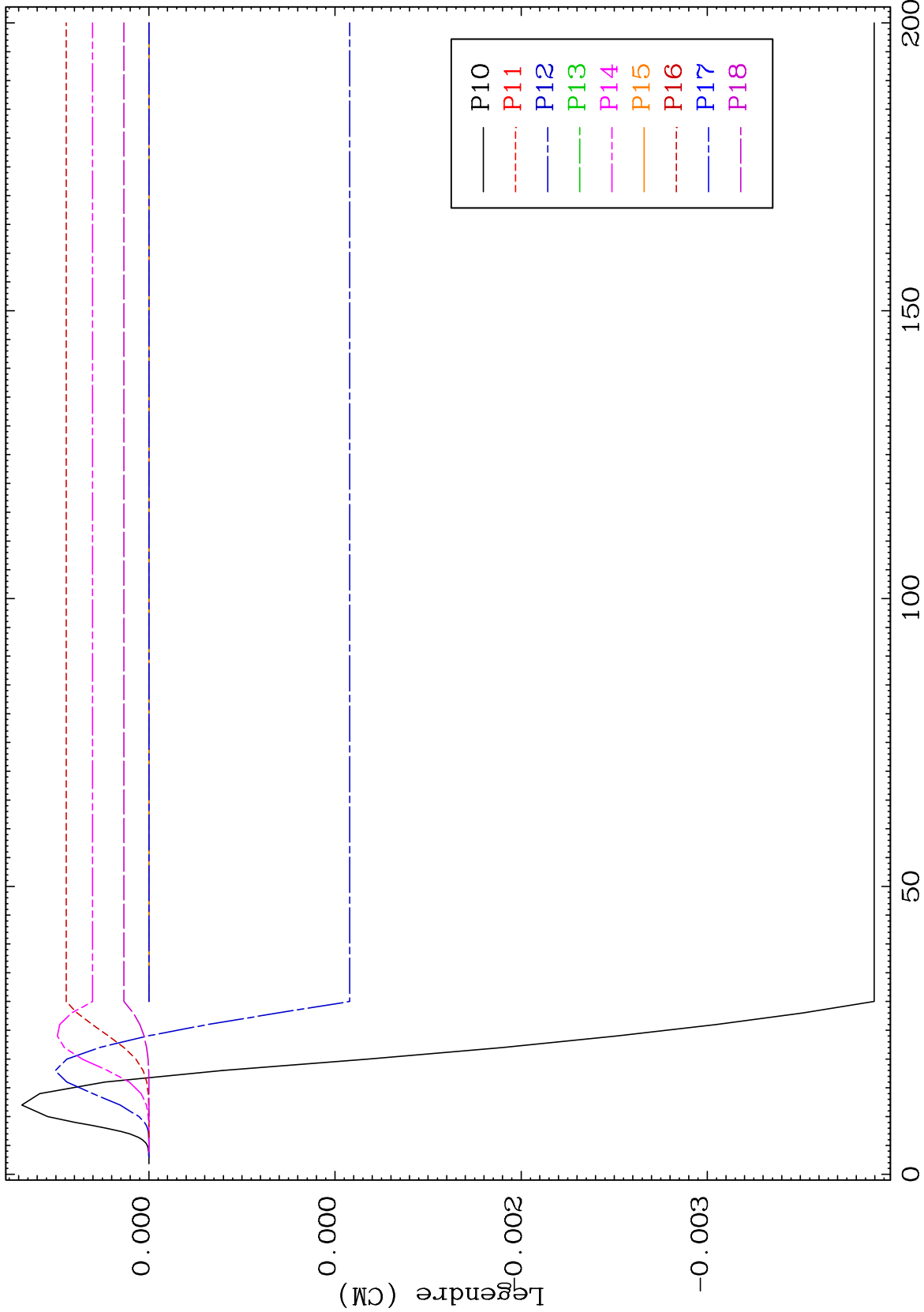




MAT 6043

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

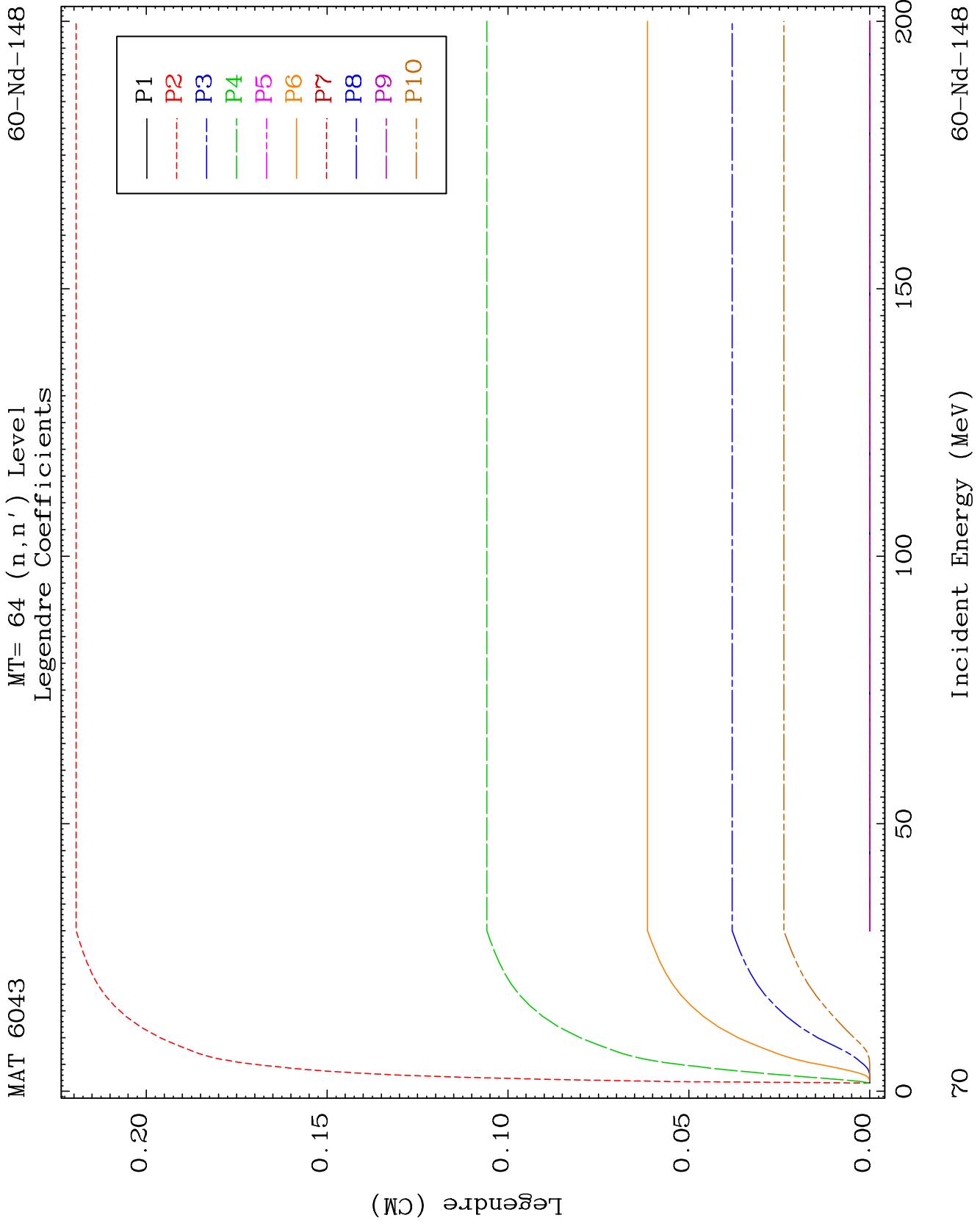
60-Nd-148



68

Incident Energy (MeV)

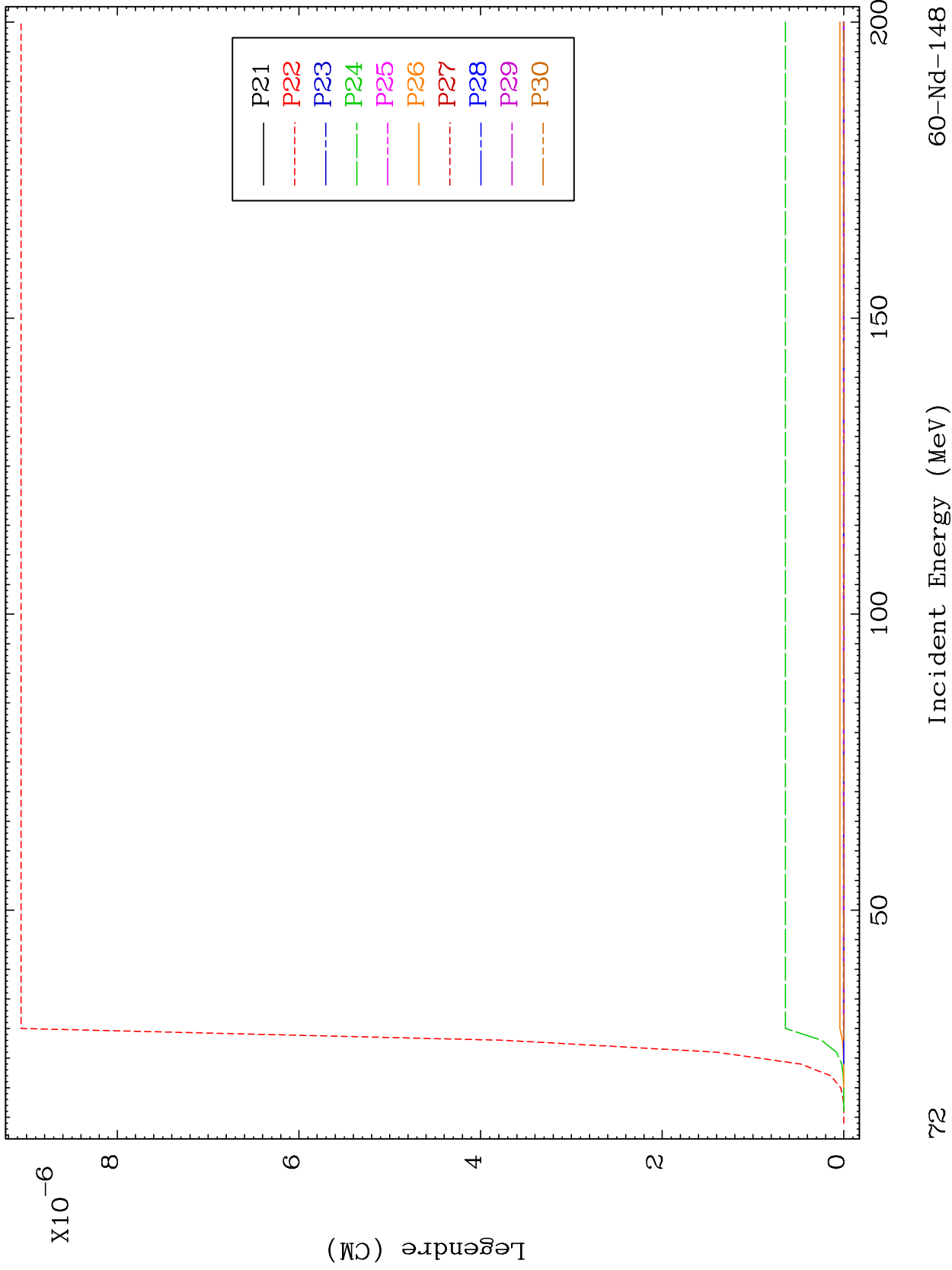
60-Nd-148

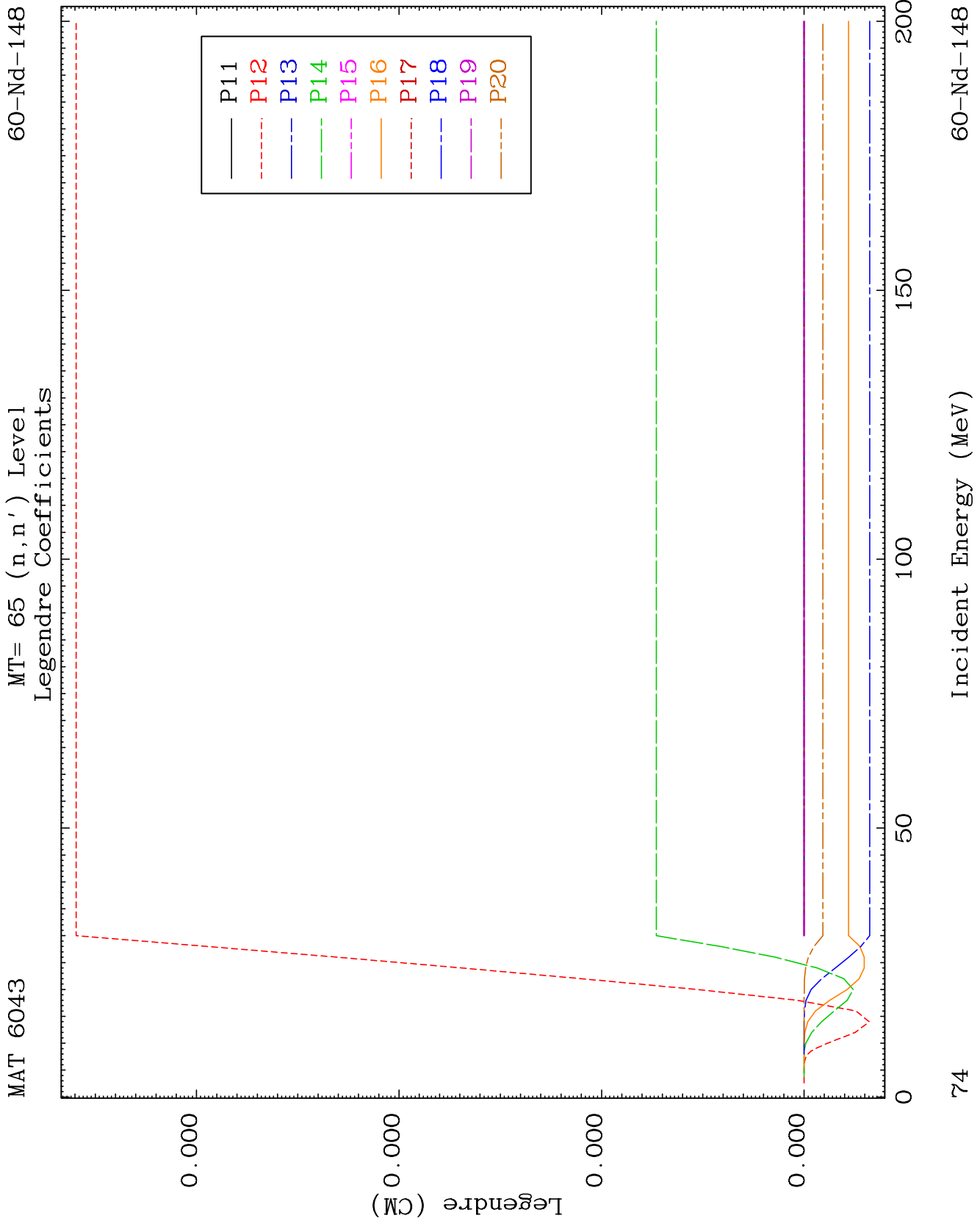


MAT 6043

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

60-Nd-148

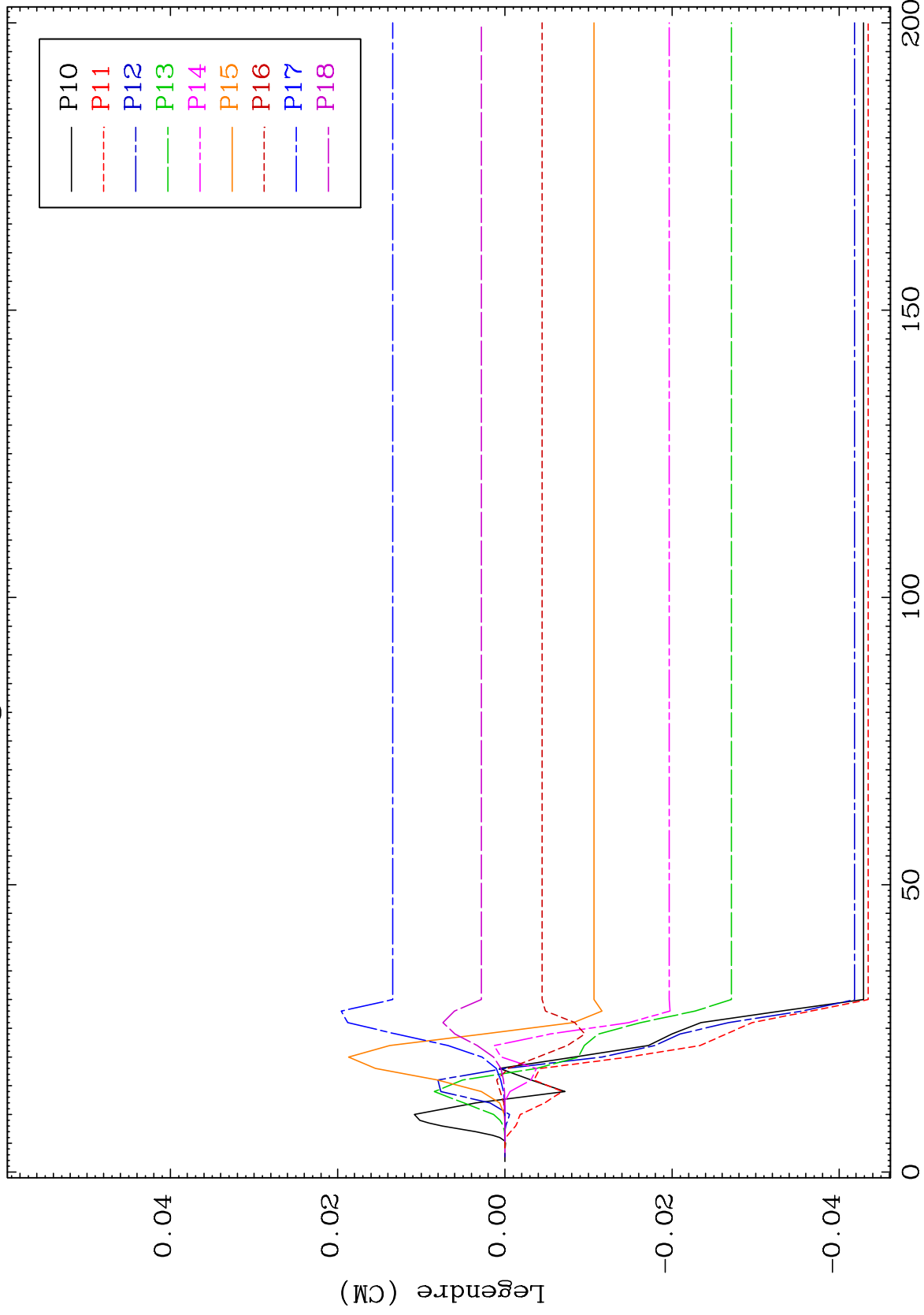




MAT 6043

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

60-Nd-148



77

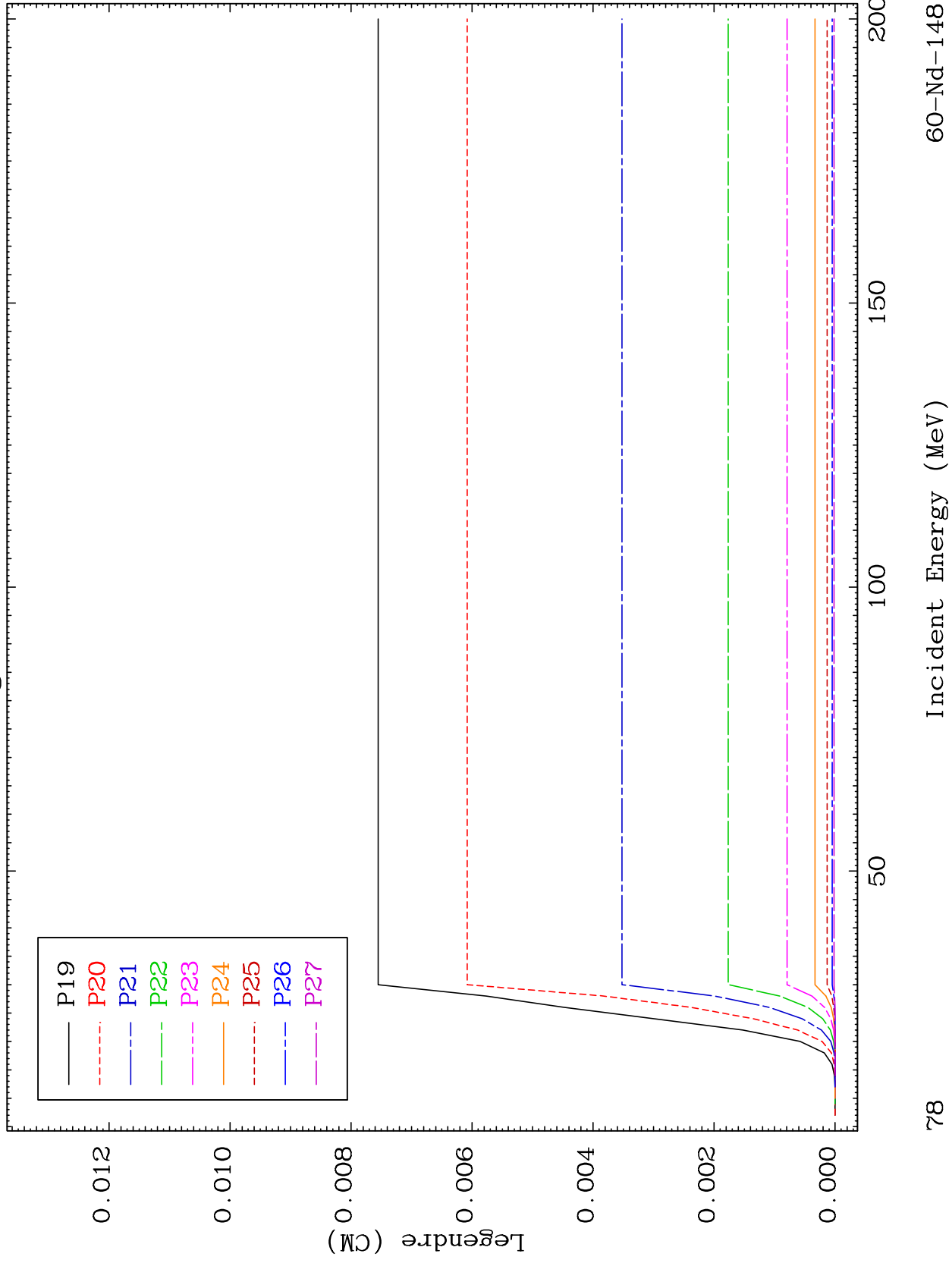
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



78

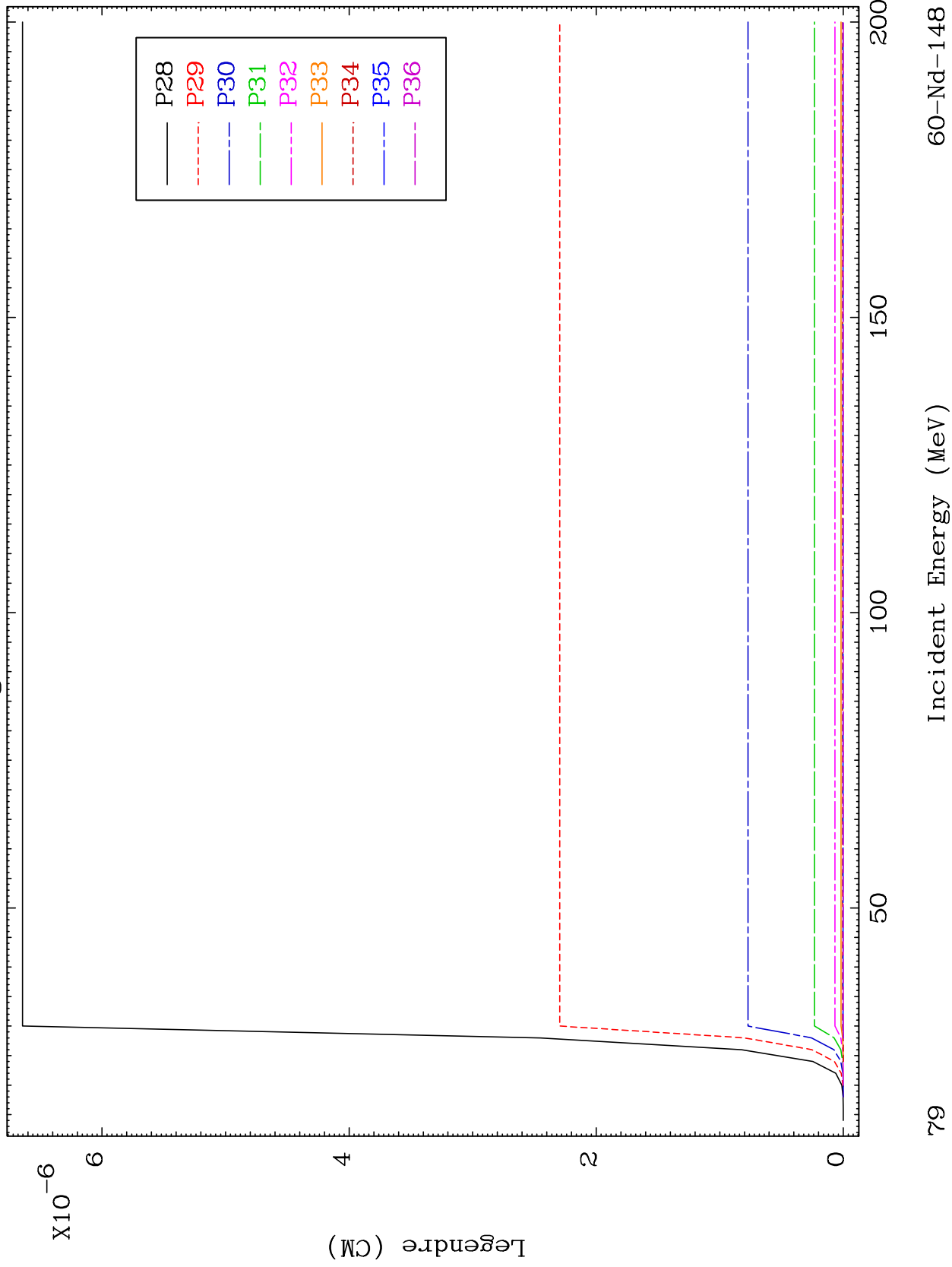
Incident Energy (MeV)

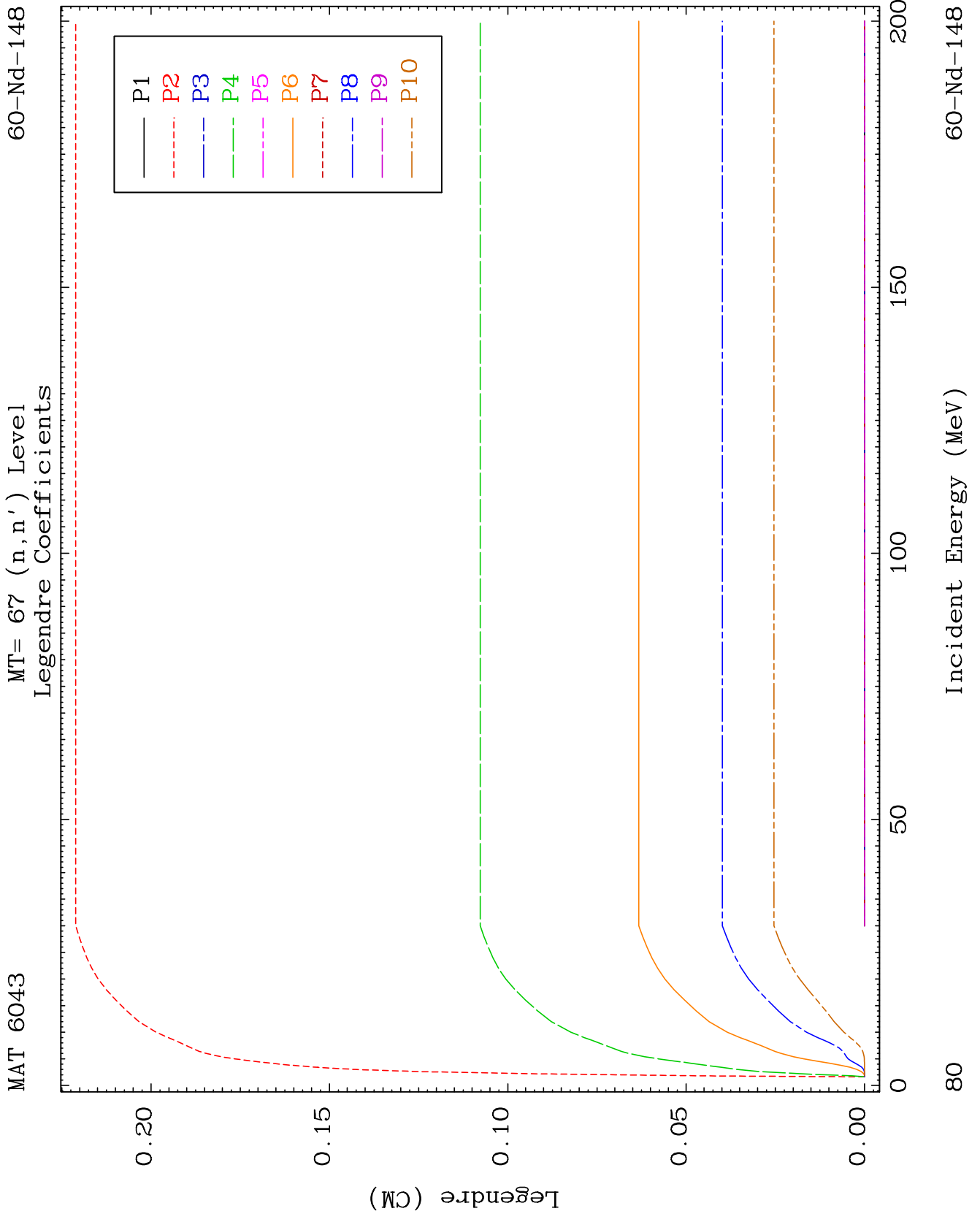
60-Nd-148

MAT 6043

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

60-Nd-148

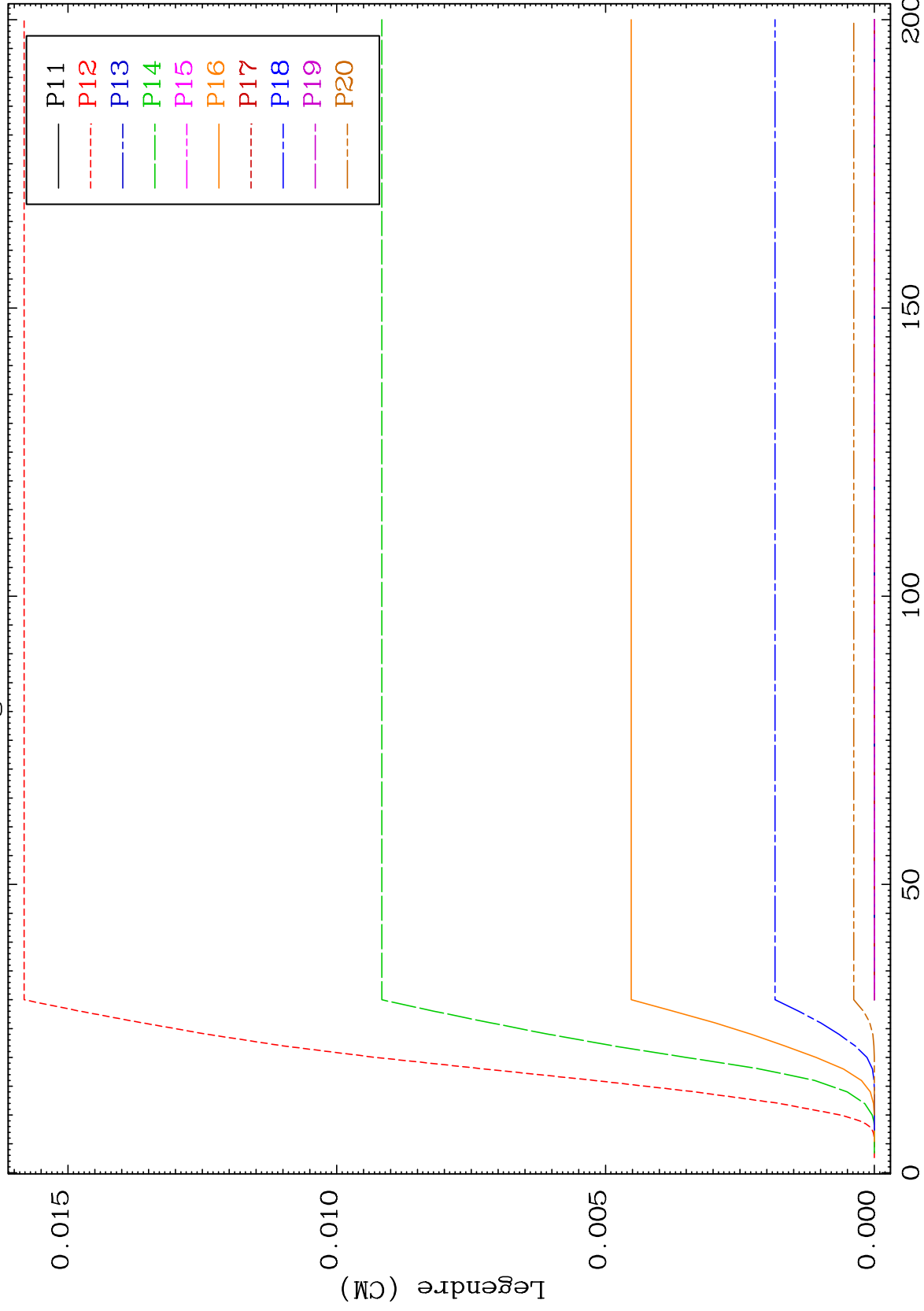




MAT 6043

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

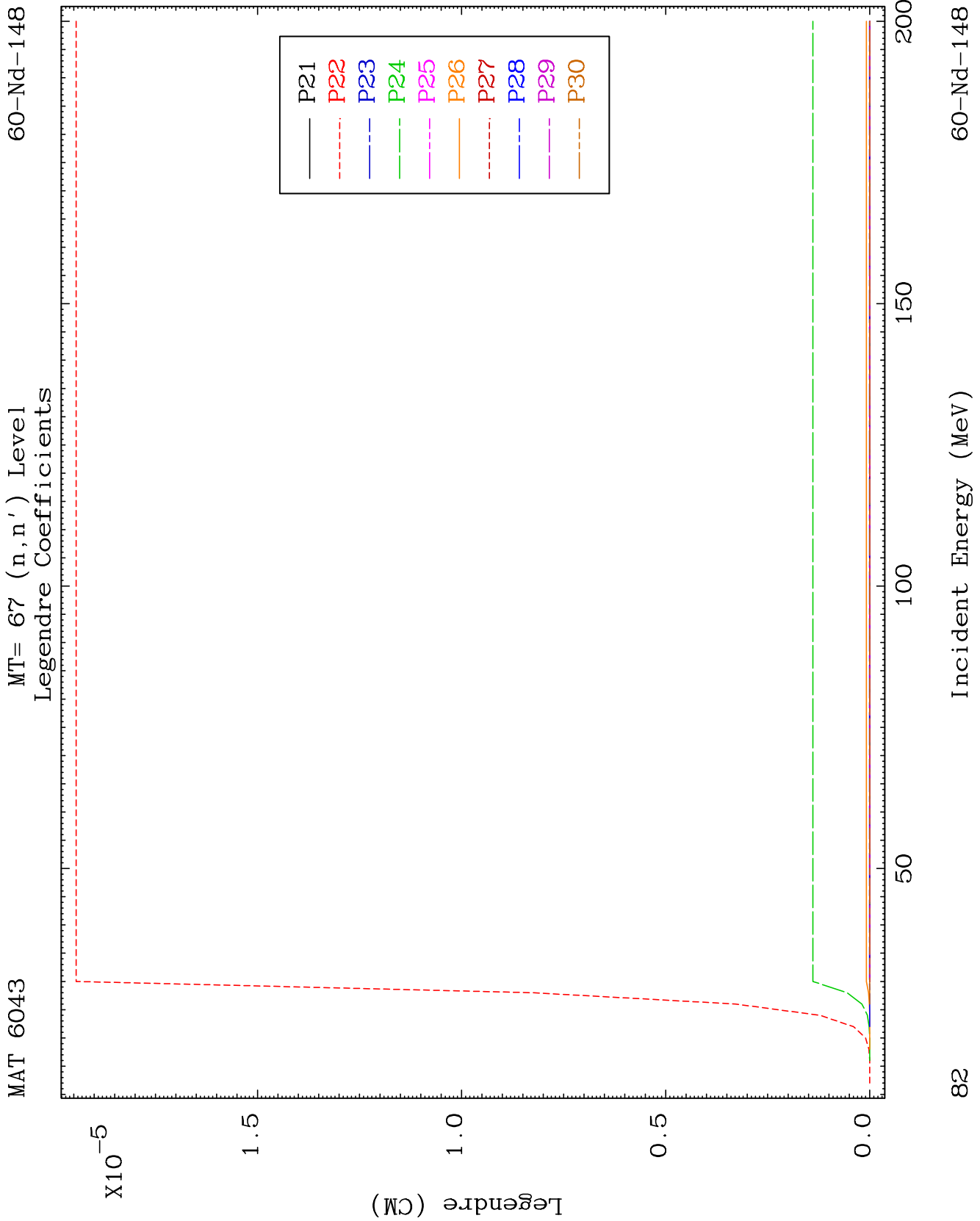
60-Nd-148



81

Incident Energy (MeV)

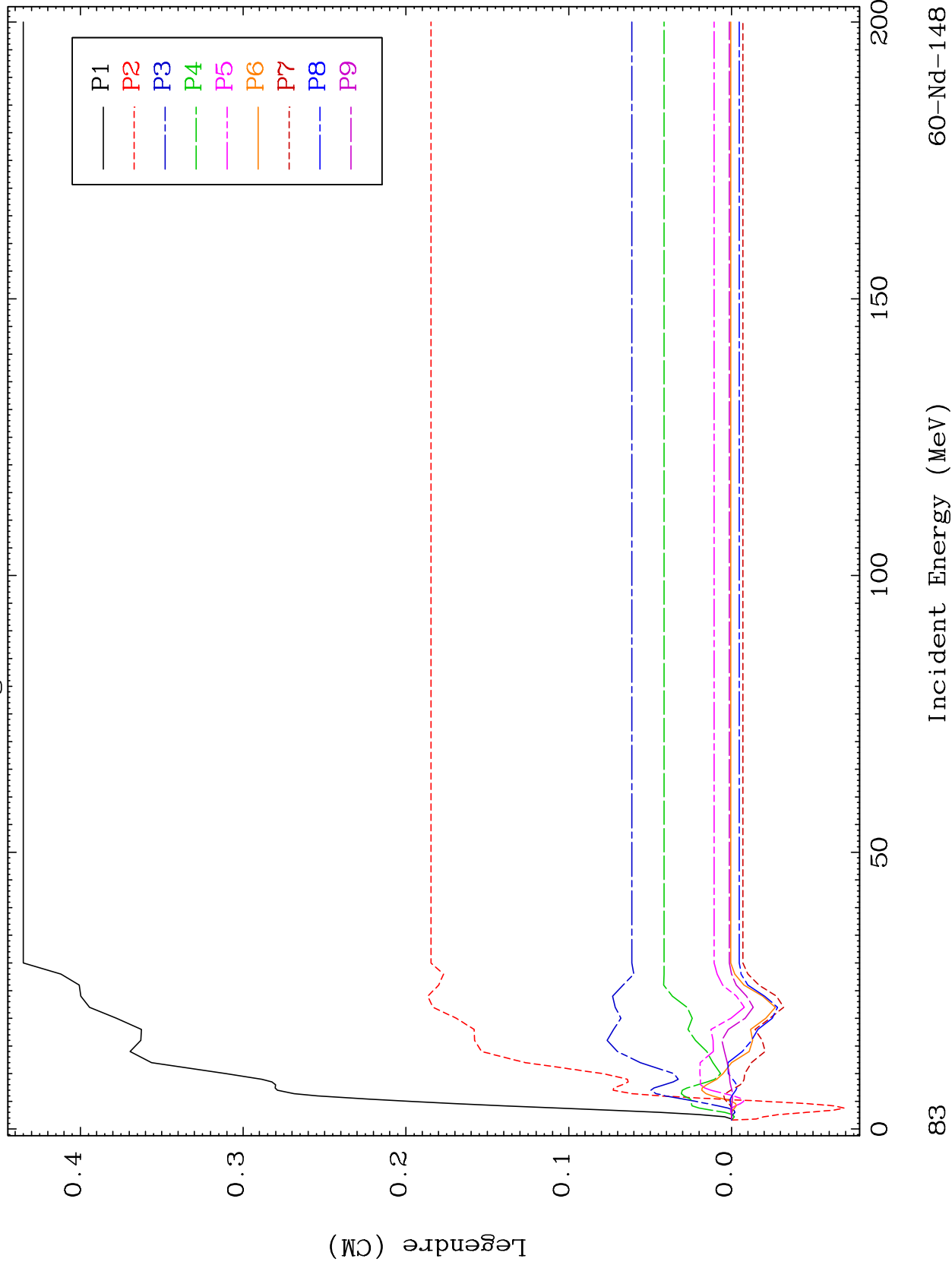
60-Nd-148



MAT 6043

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

60-Nd-148



60-Nd-148

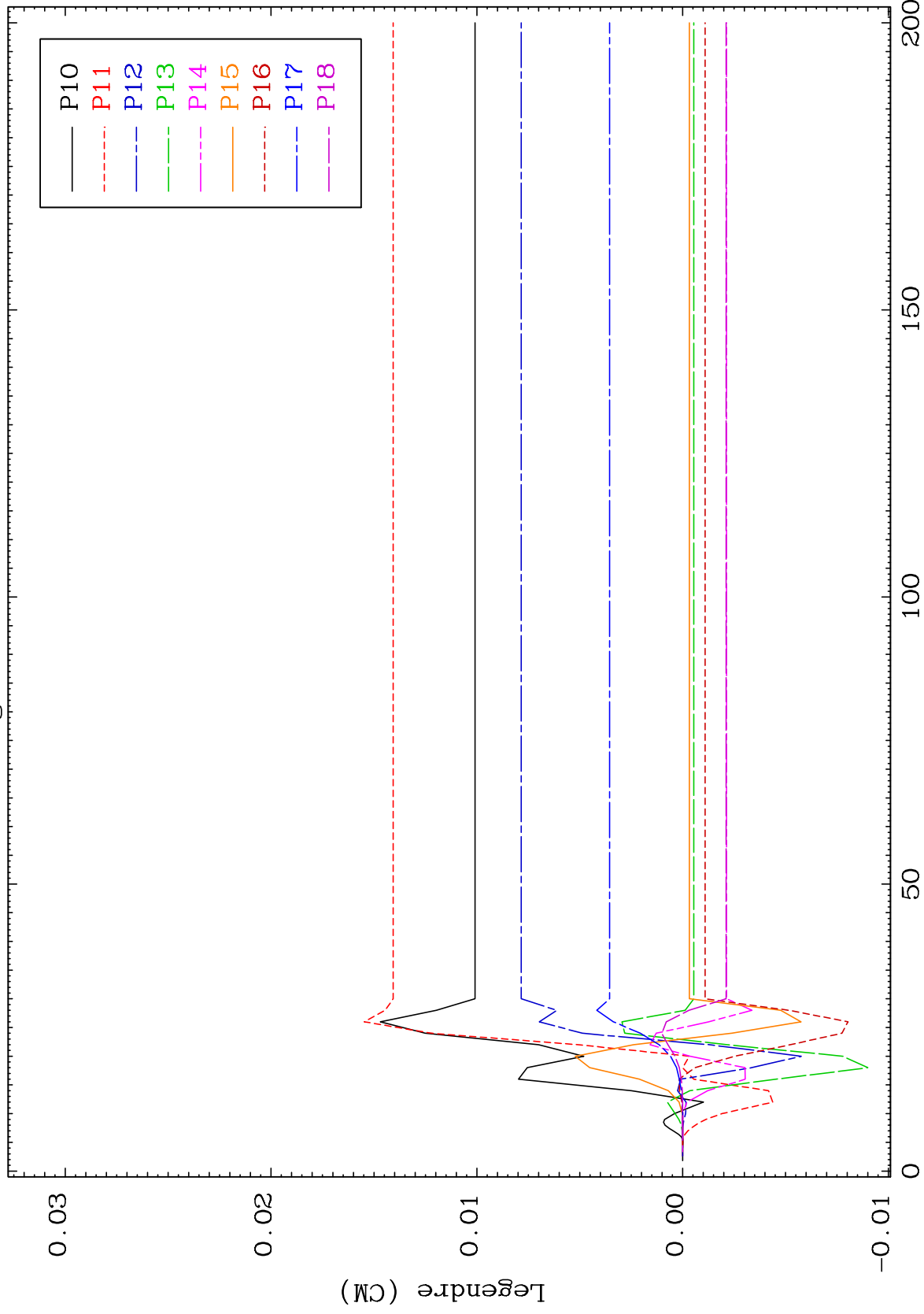
Incident Energy (MeV)

83

MAT 6043

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

60-Nd-148



84

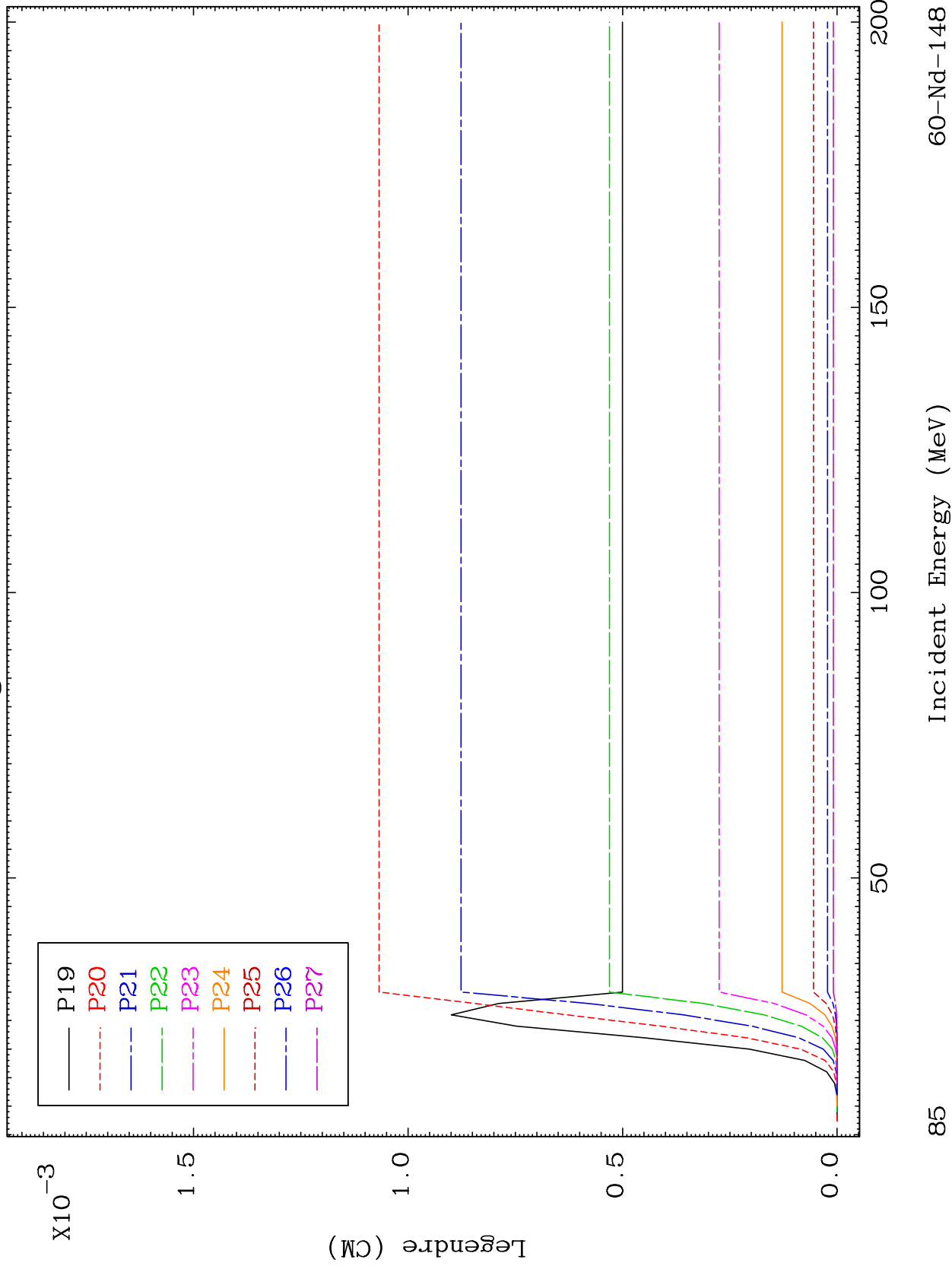
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

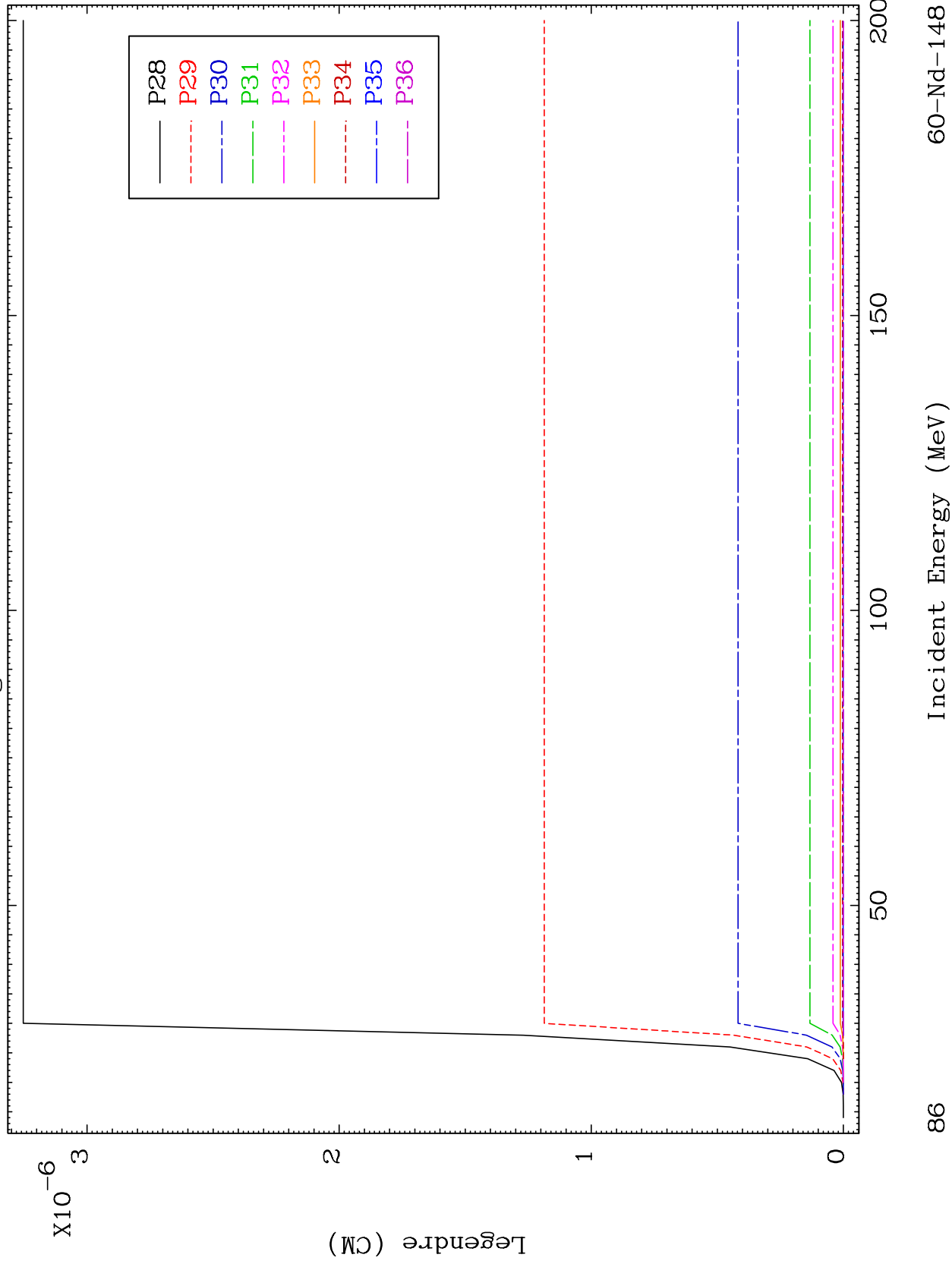
60-Nd-148



MAT 6043

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

60-Nd-148

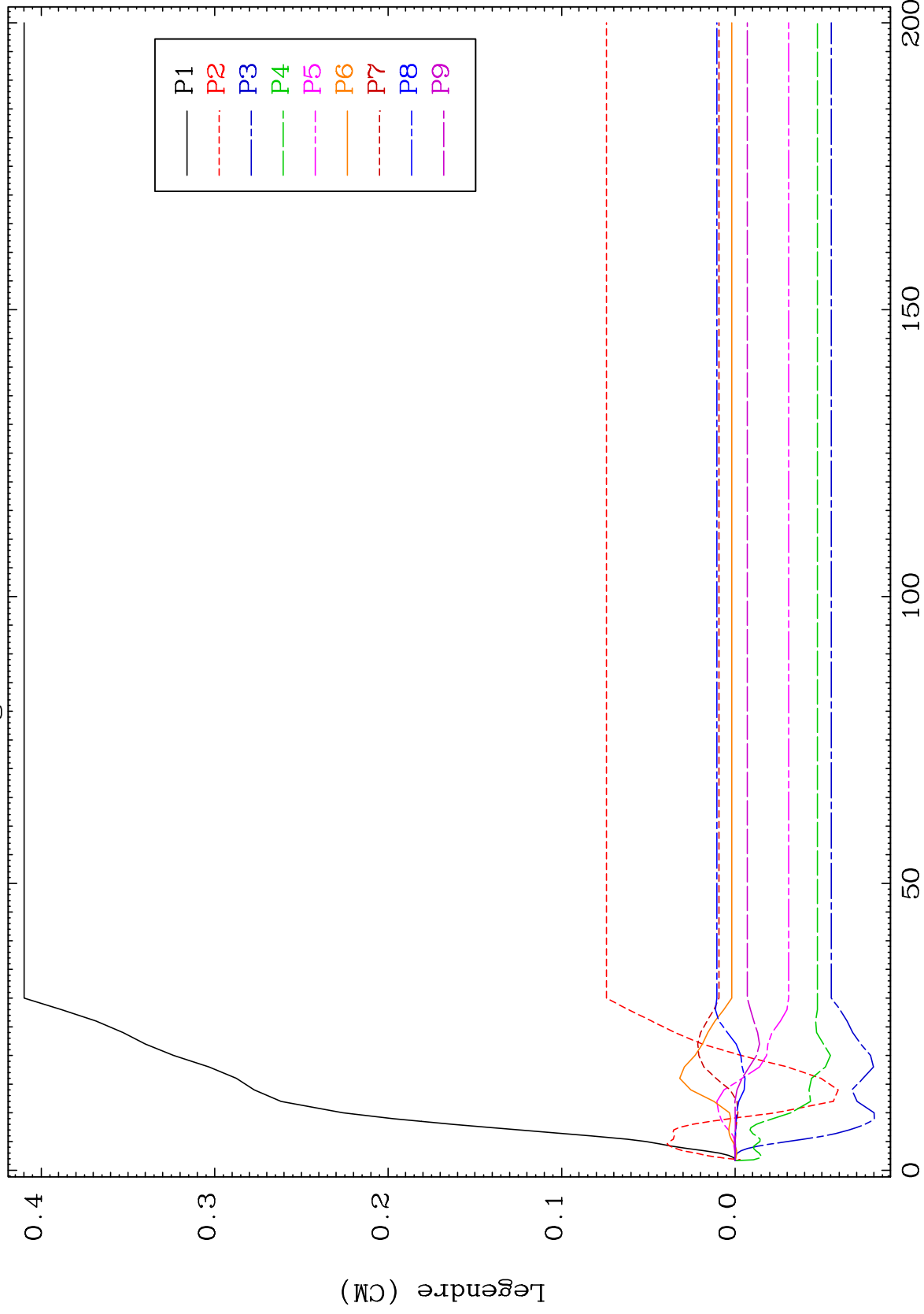


86

MAT 6043

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

60-Nd-148



87

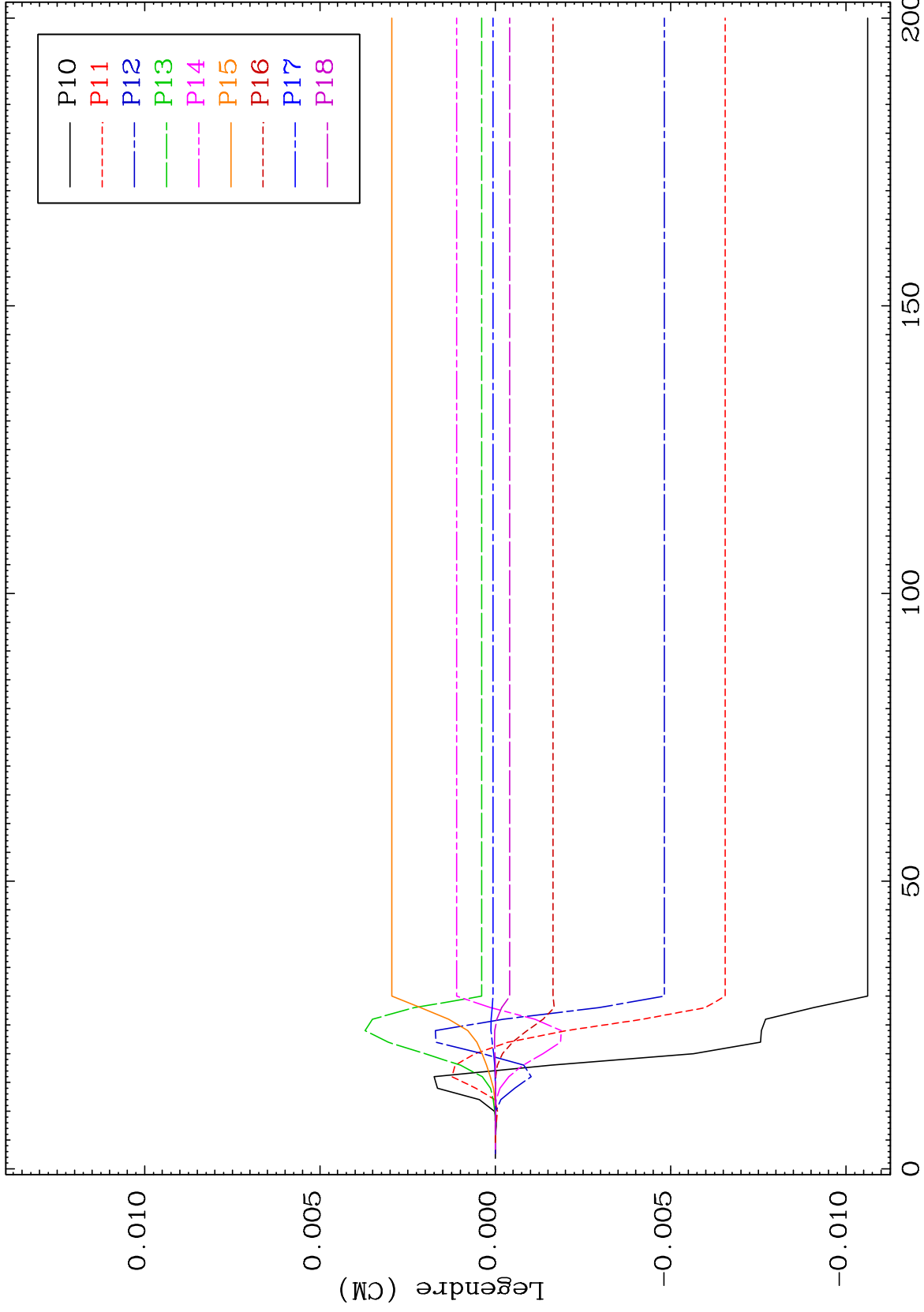
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



88

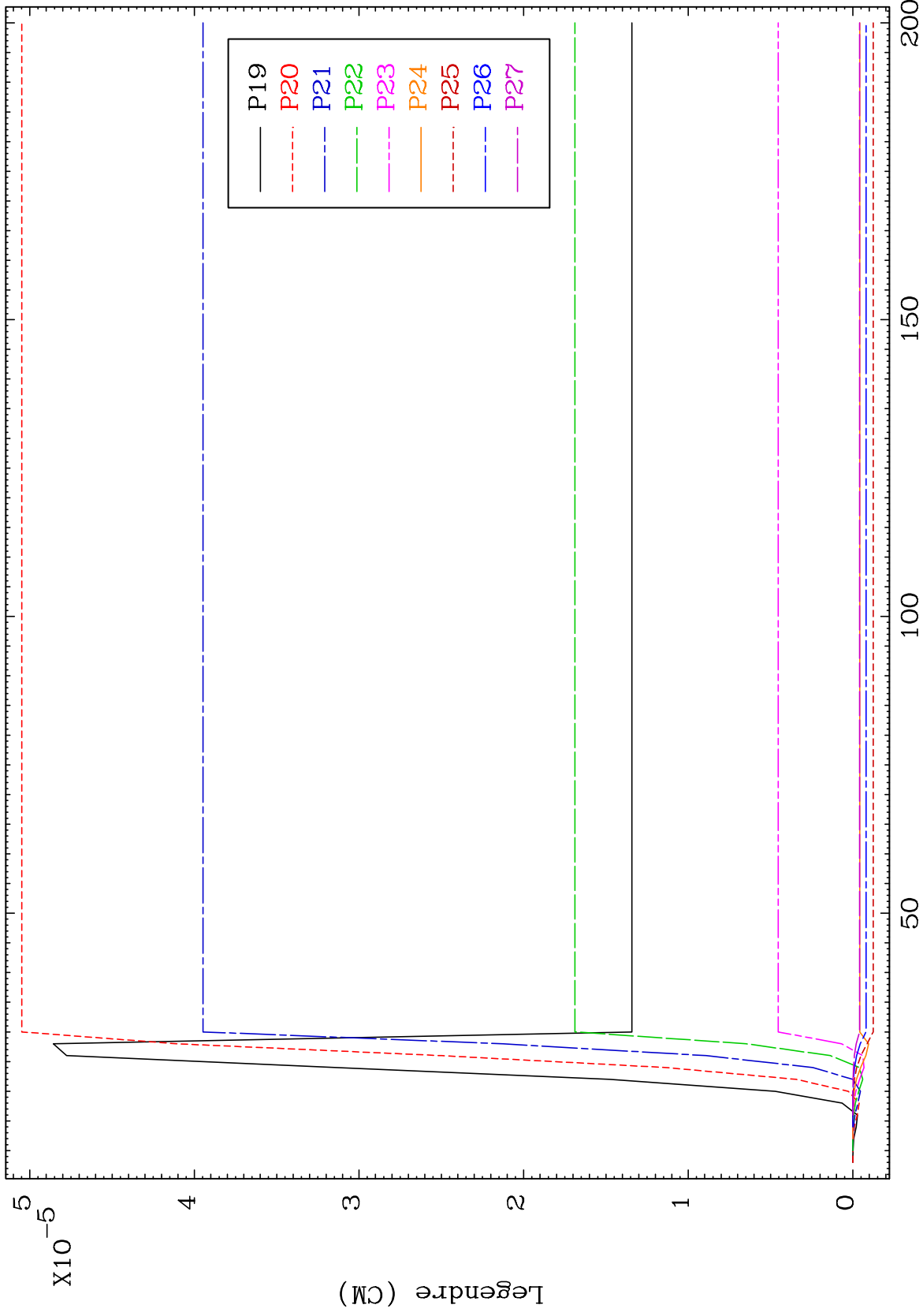
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

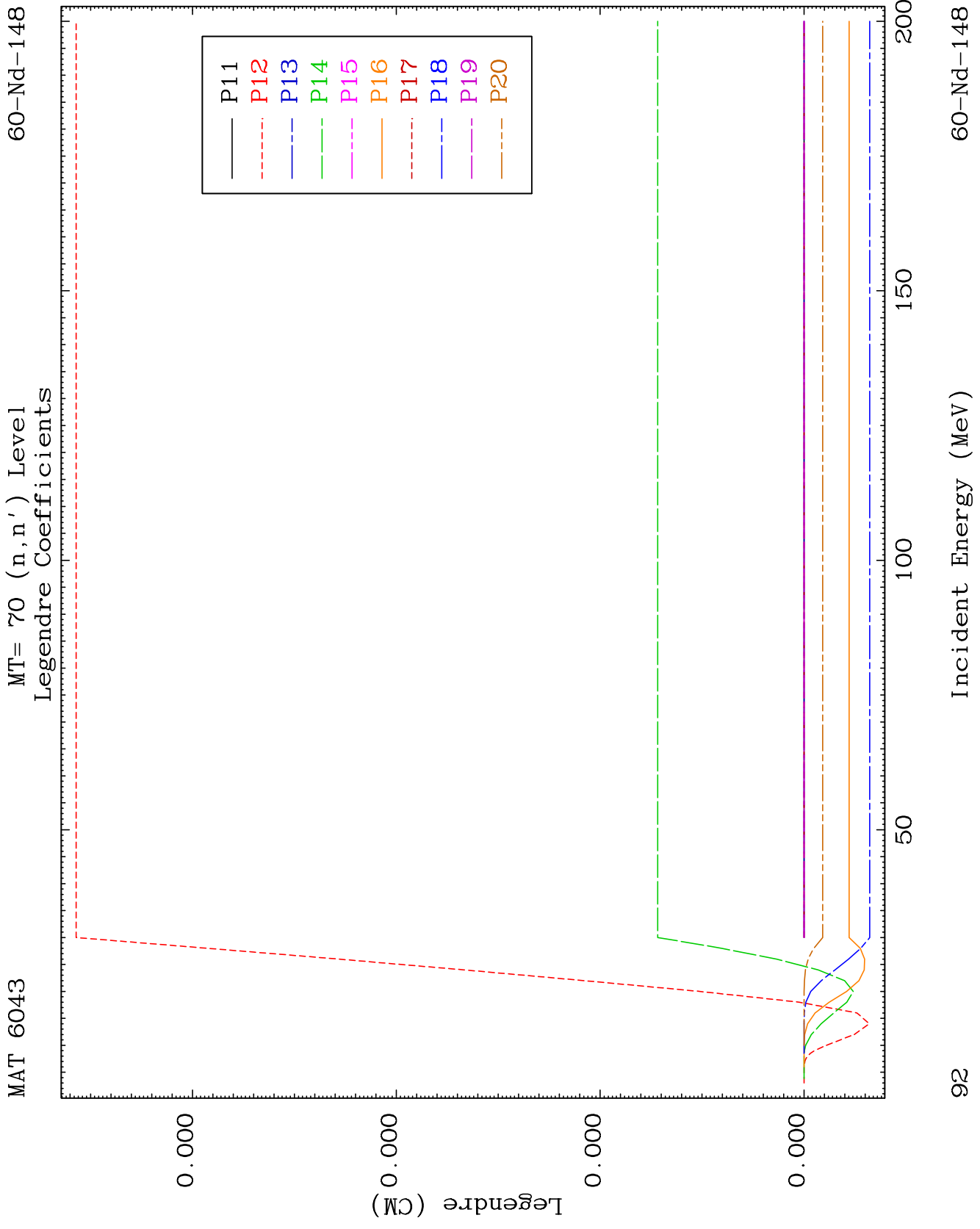
60-Nd-148



89

Incident Energy (MeV)

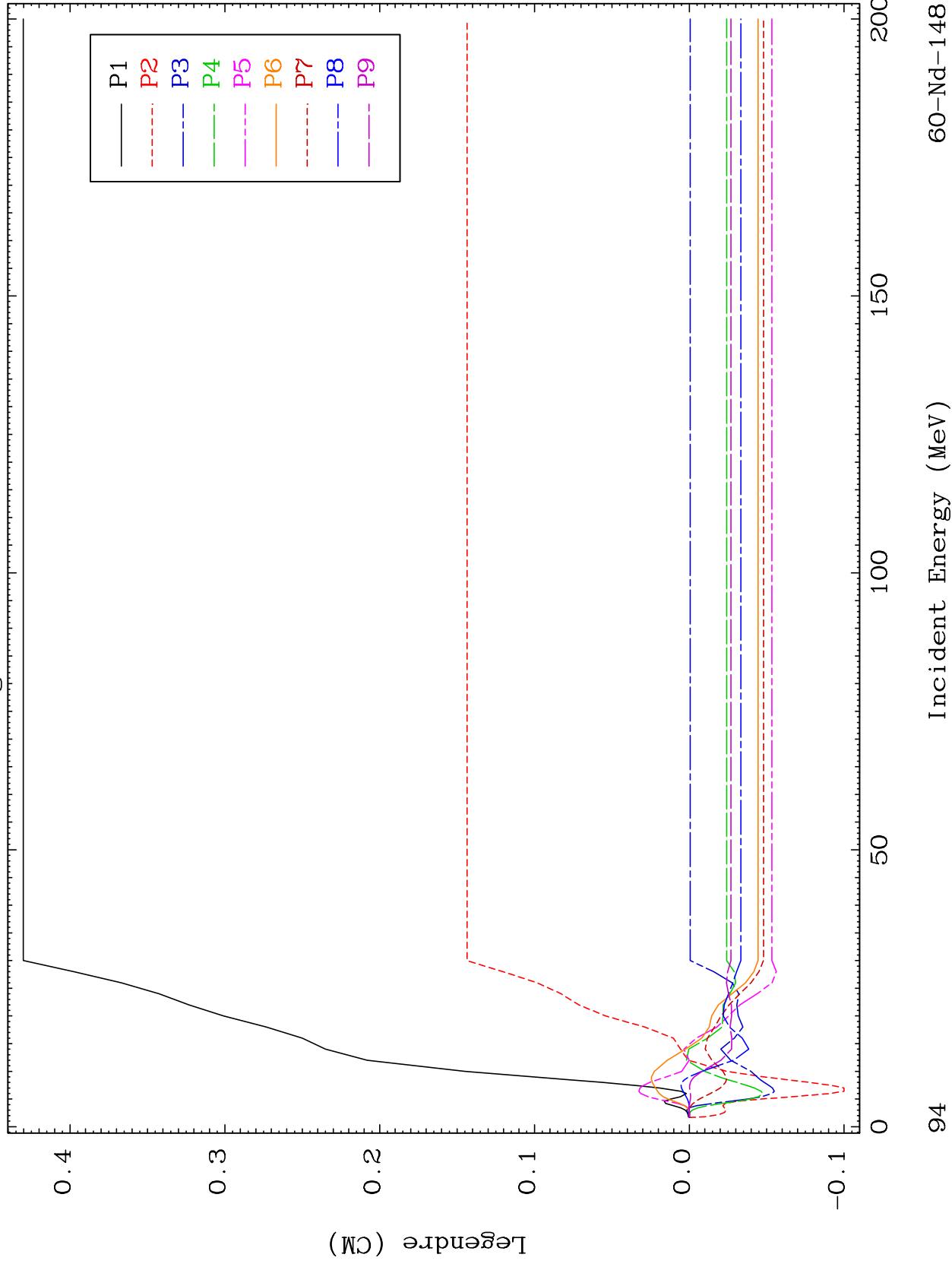
60-Nd-148

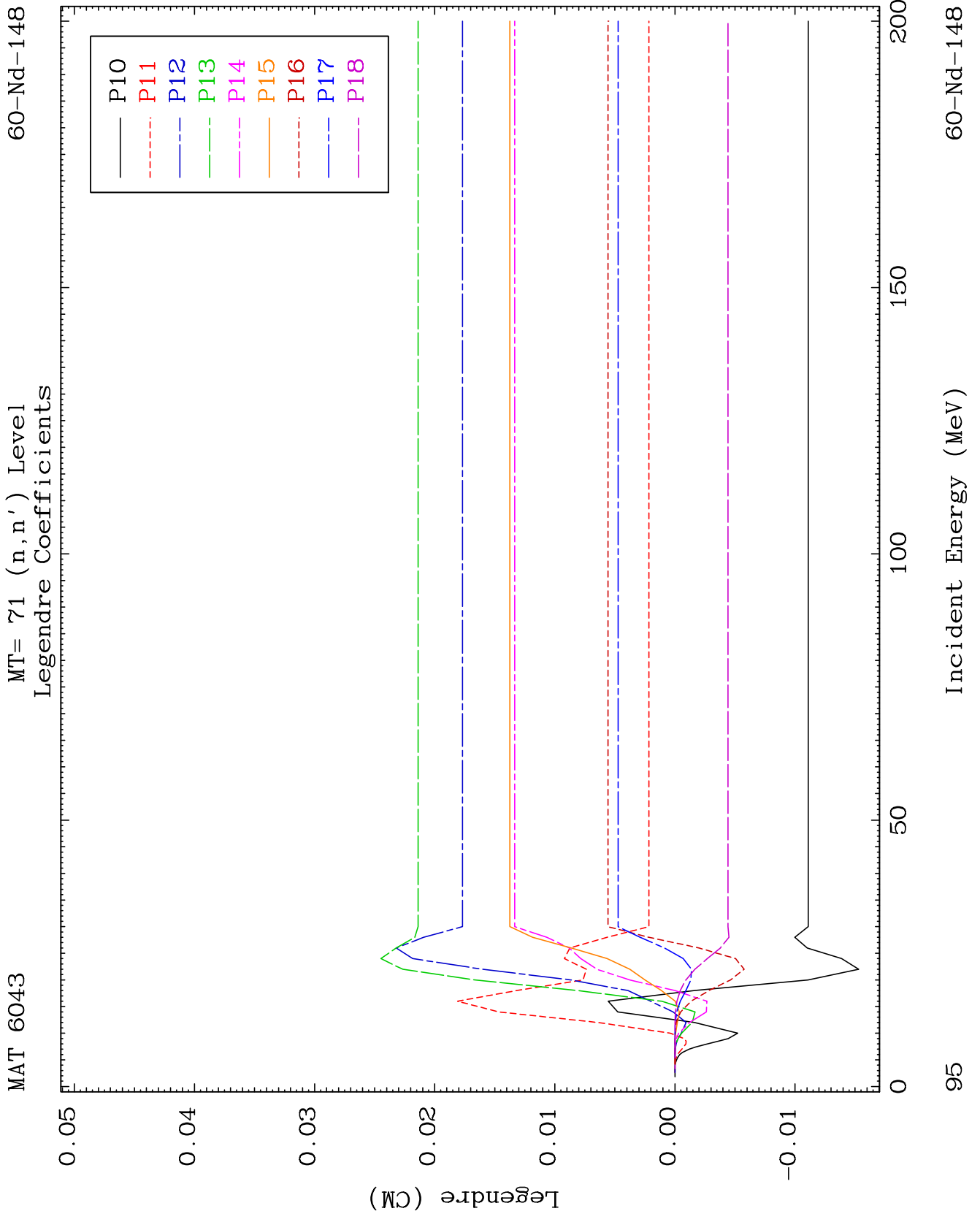


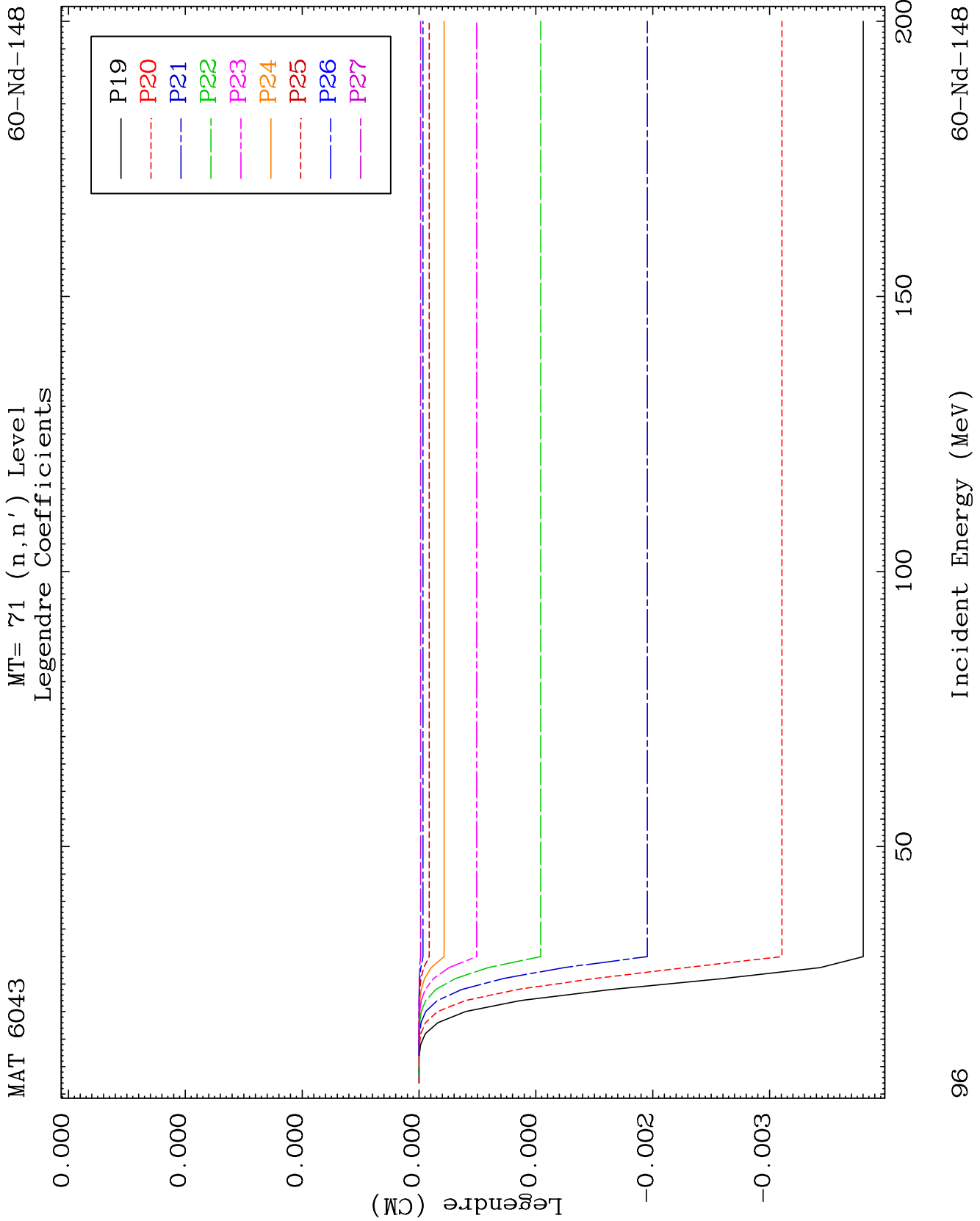
MAT 6043

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

60-Nd-148



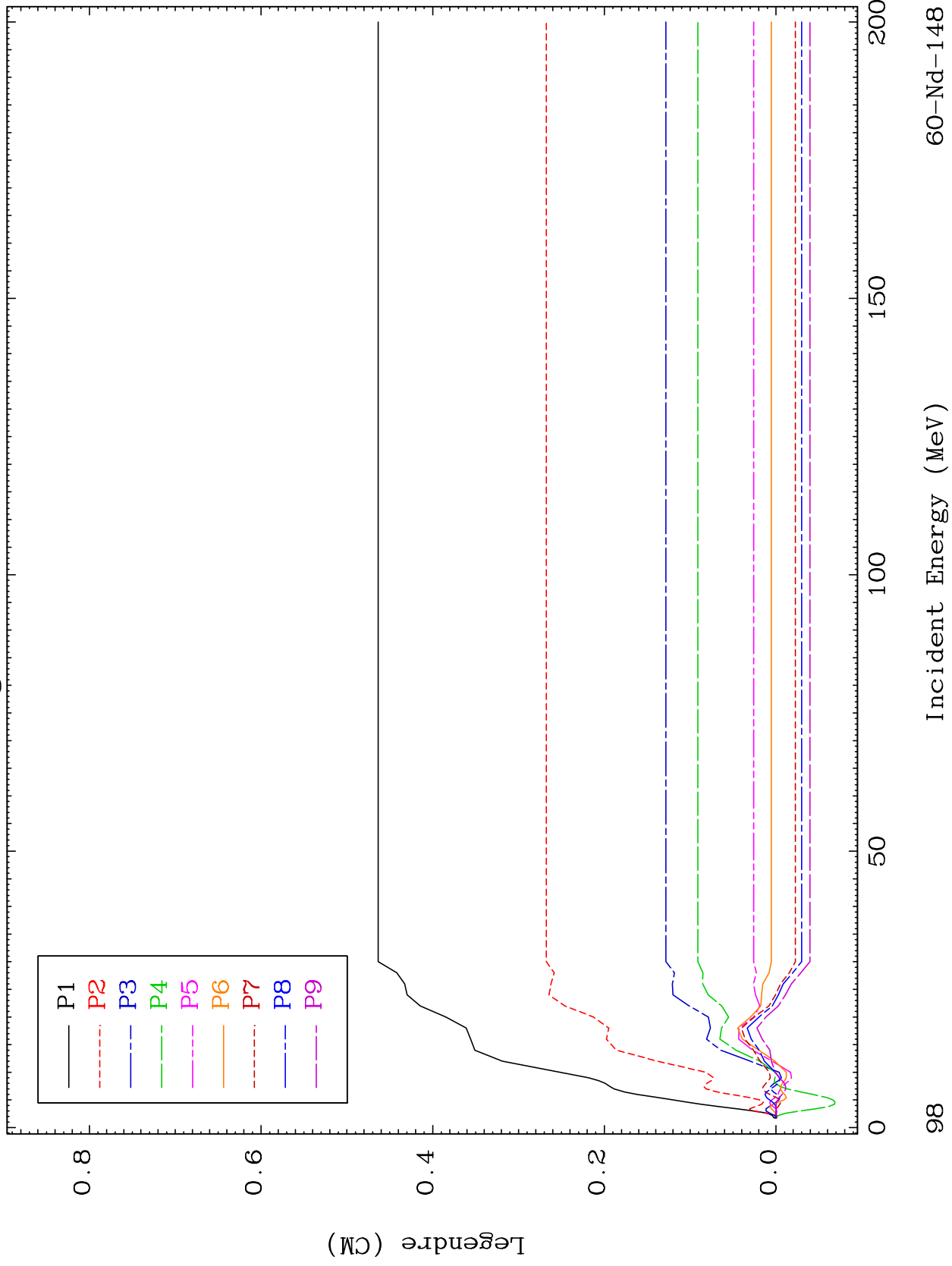




MAT 6043

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

60-Nd-148



60-Nd-148

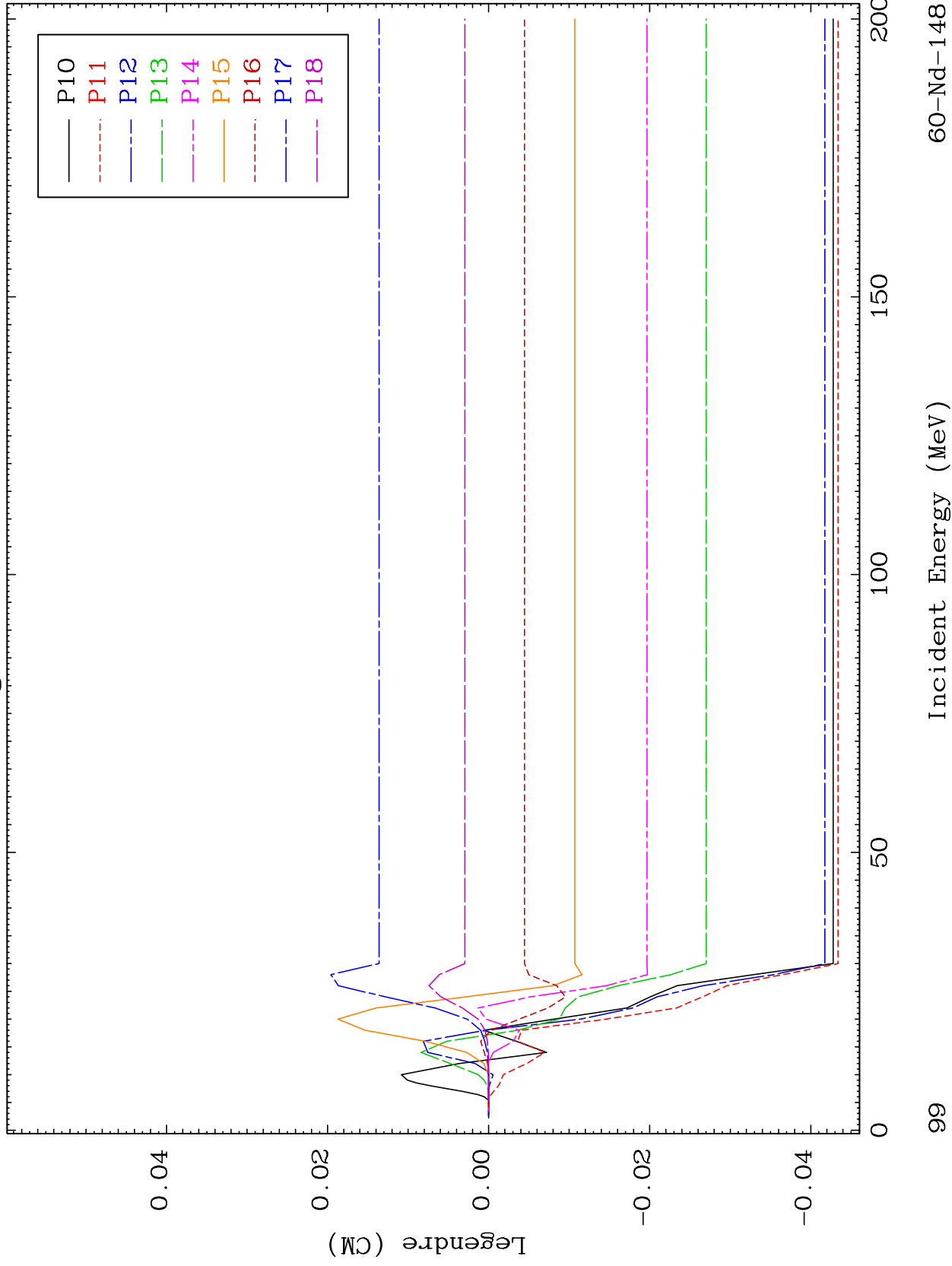
Incident Energy (MeV)

98

MAT 6043

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

60-Nd-148



60-Nd-148

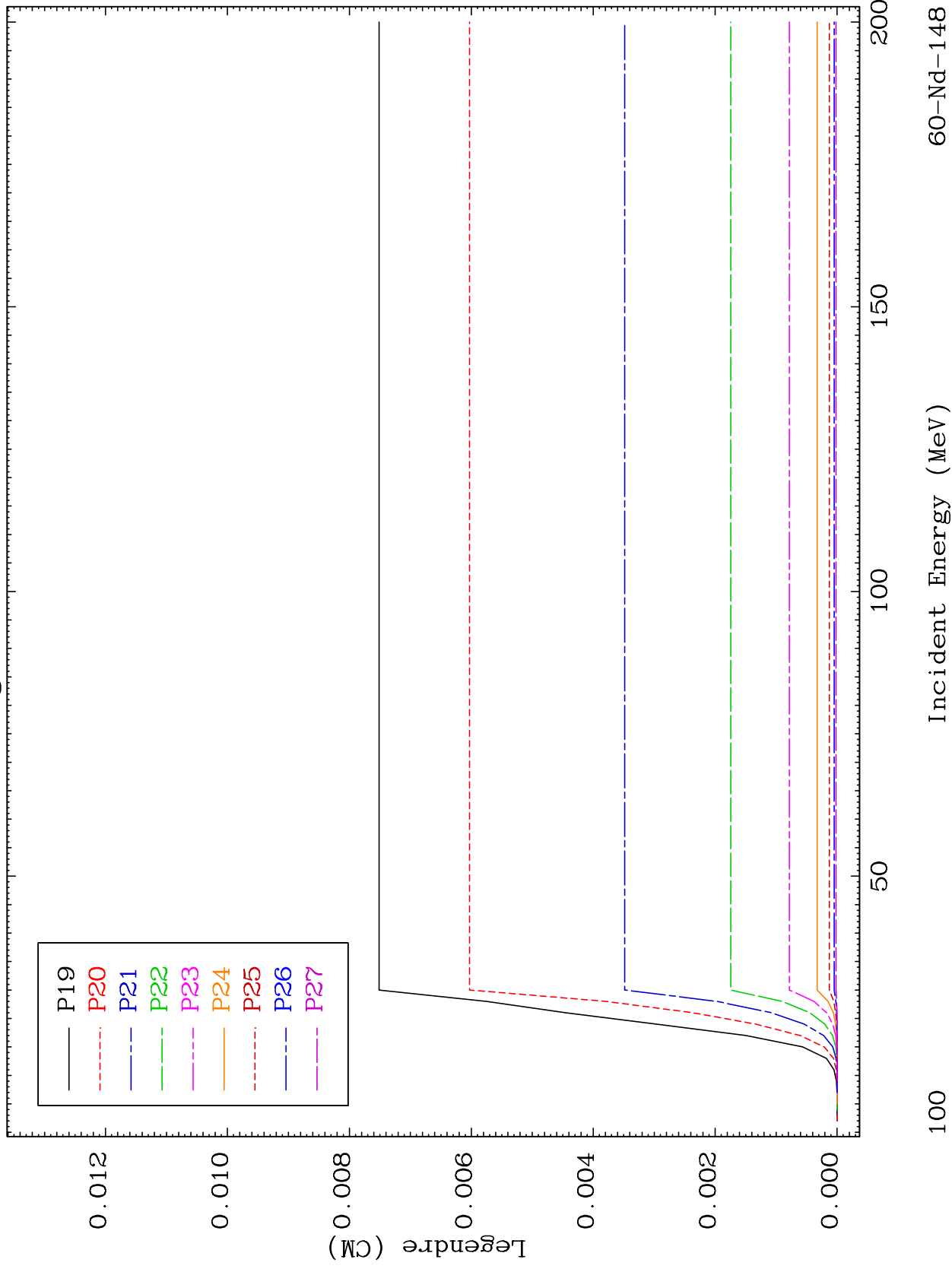
Incident Energy (MeV)

99

MAT 6043

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

60-Nd-148

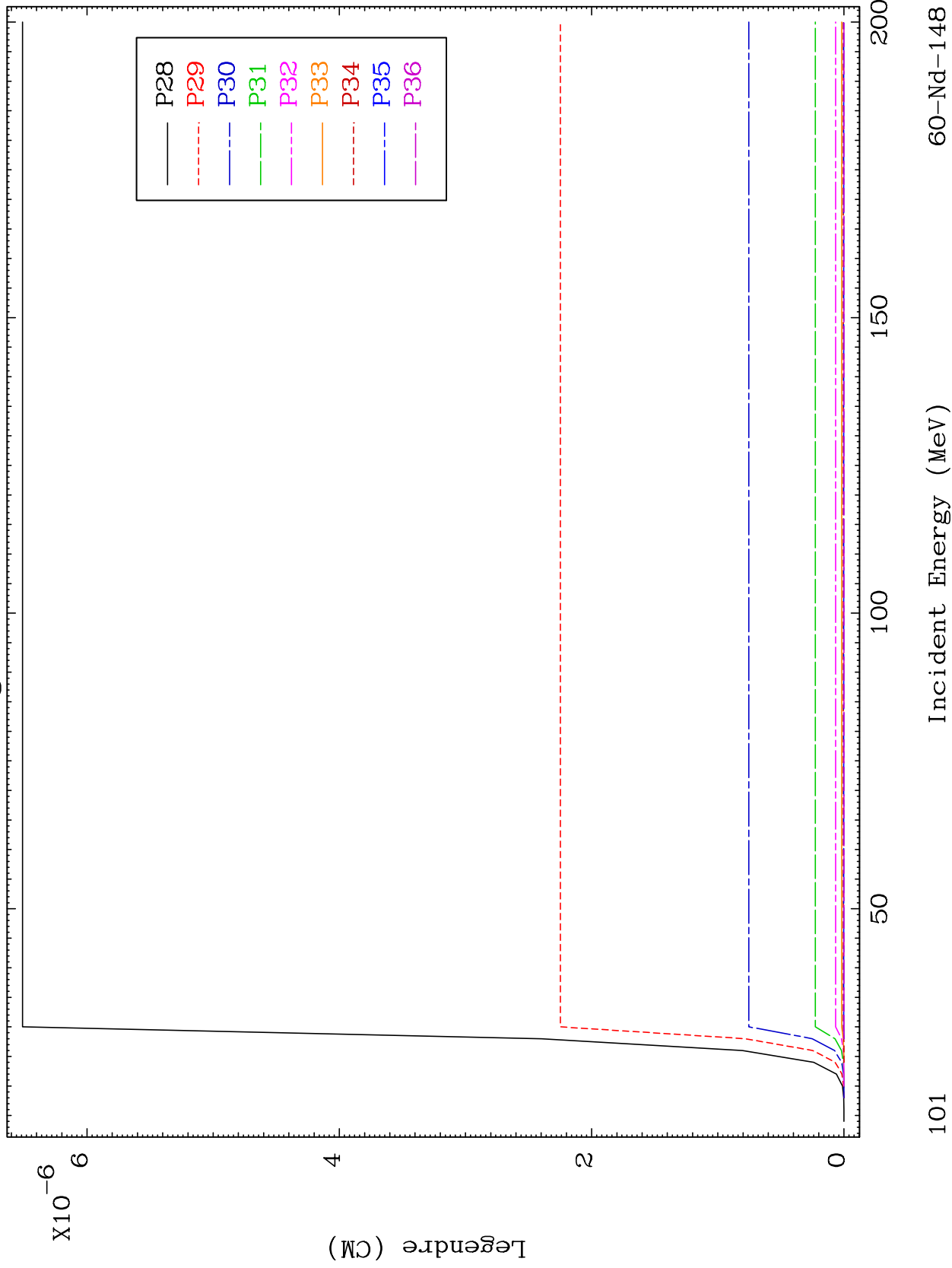


60-Nd-148

MAT 6043

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

60-Nd-148



101

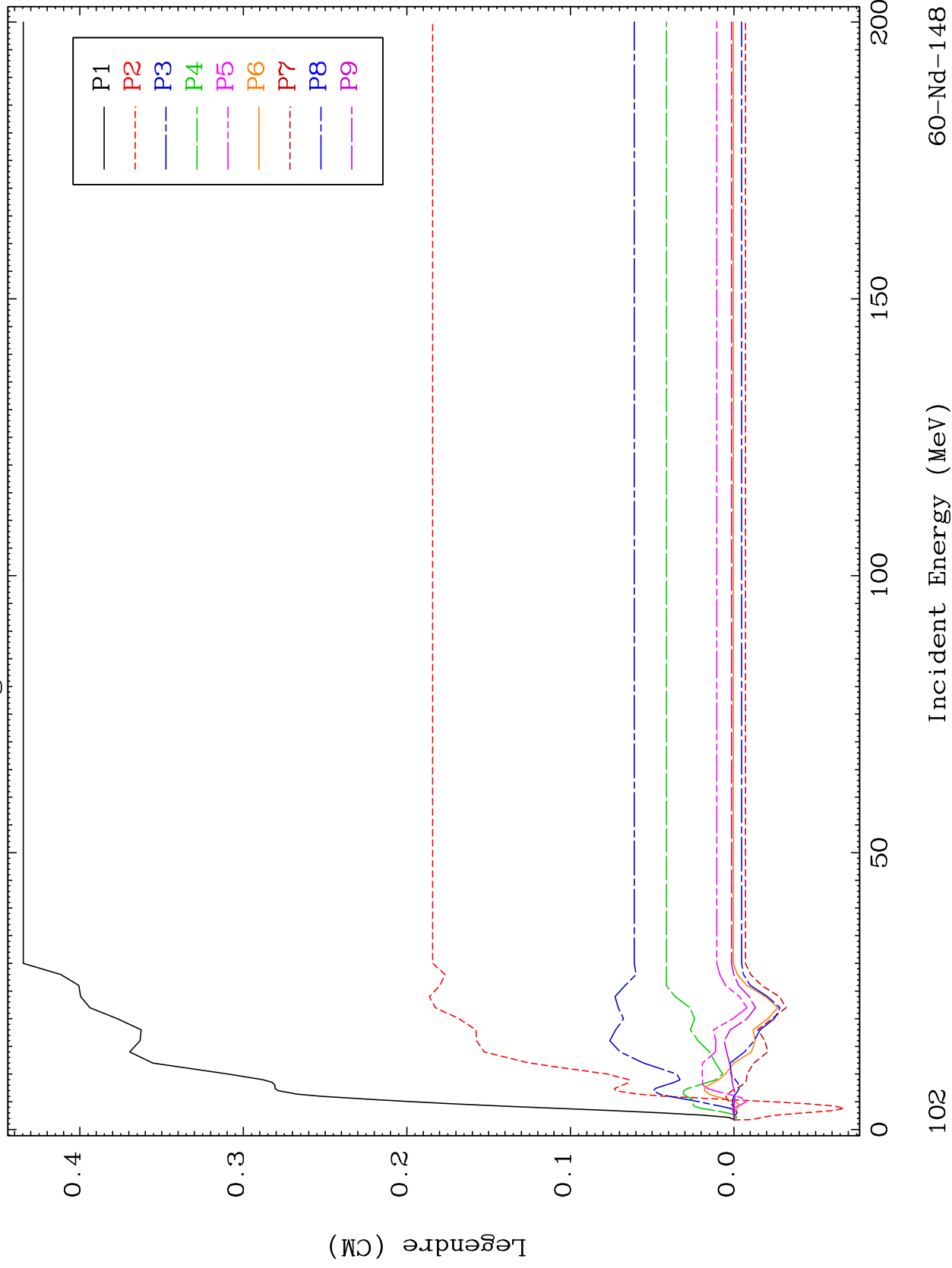
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

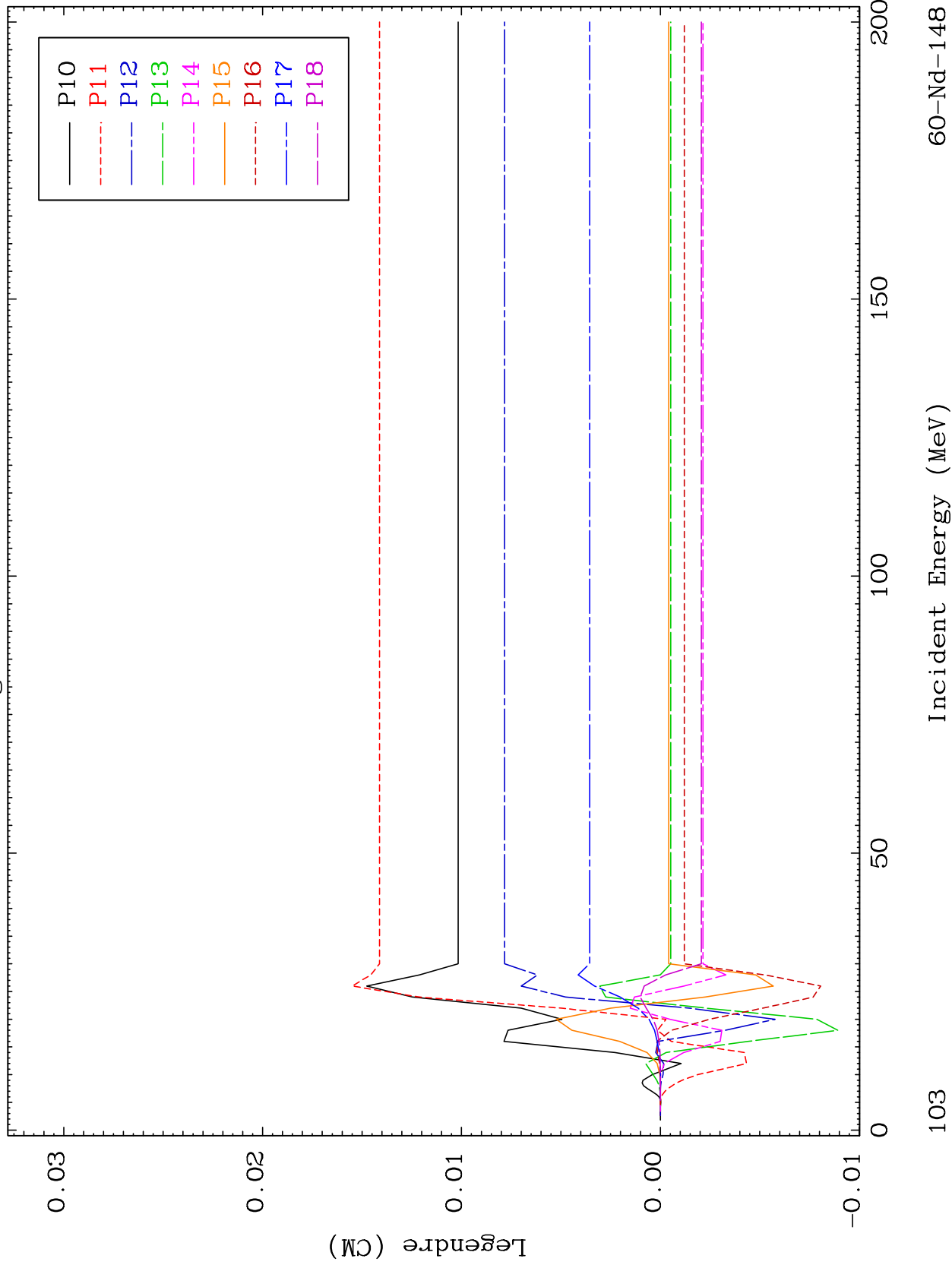
Incident Energy (MeV)

102

MAT 6043

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

60-Nd-148



60-Nd-148

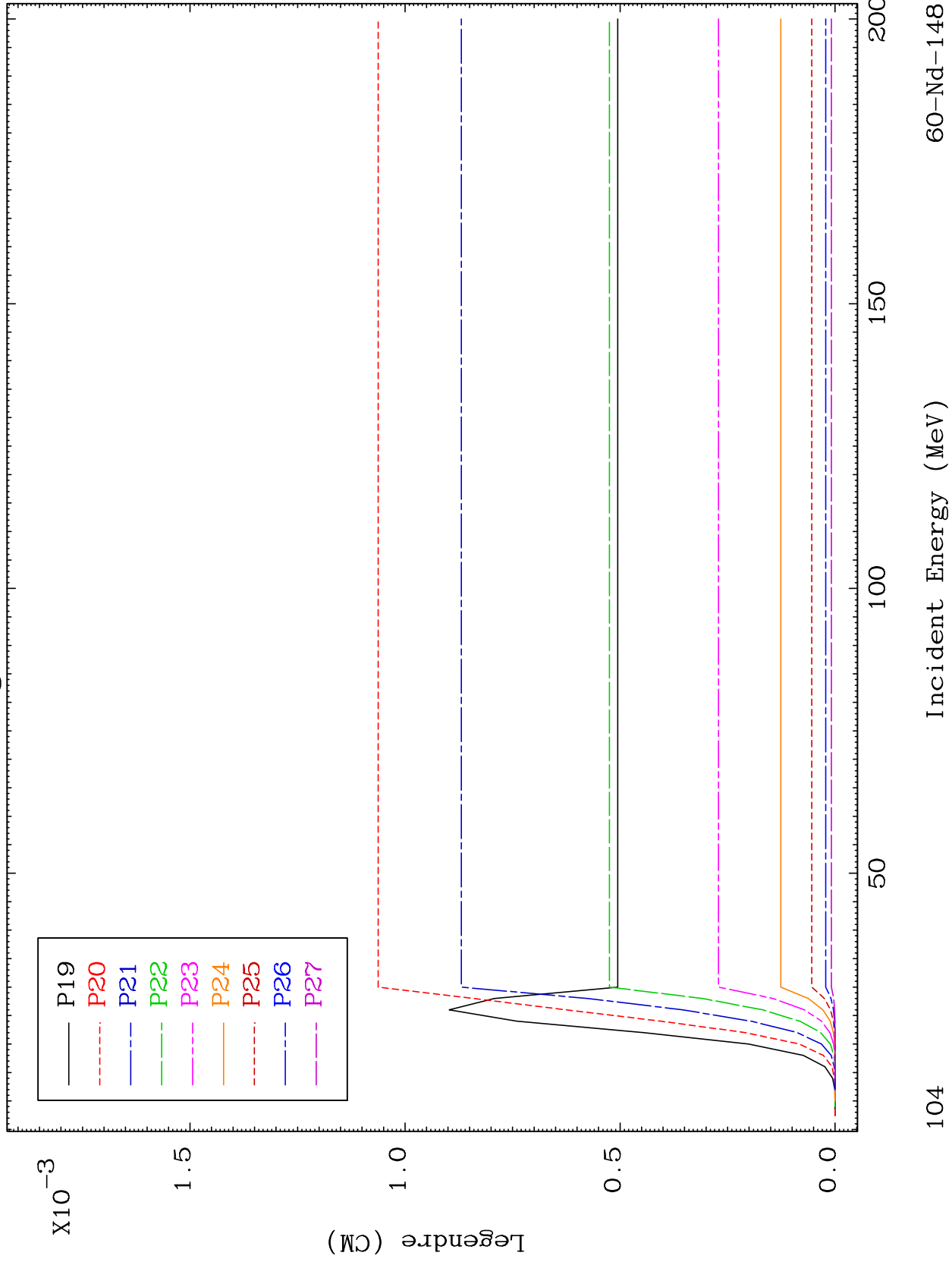
Incident Energy (MeV)

103

MAT 6043

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

60-Nd-148



104

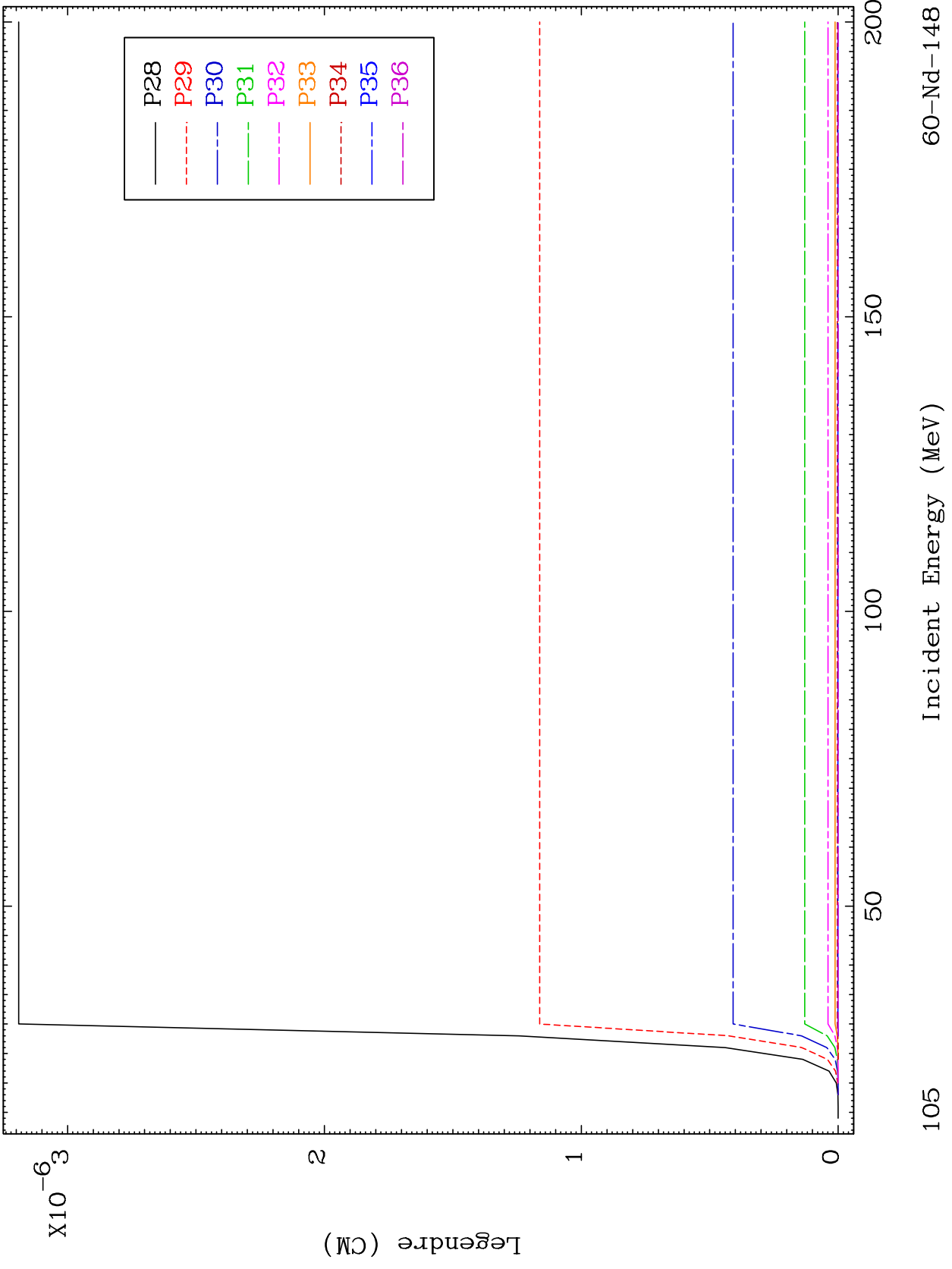
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

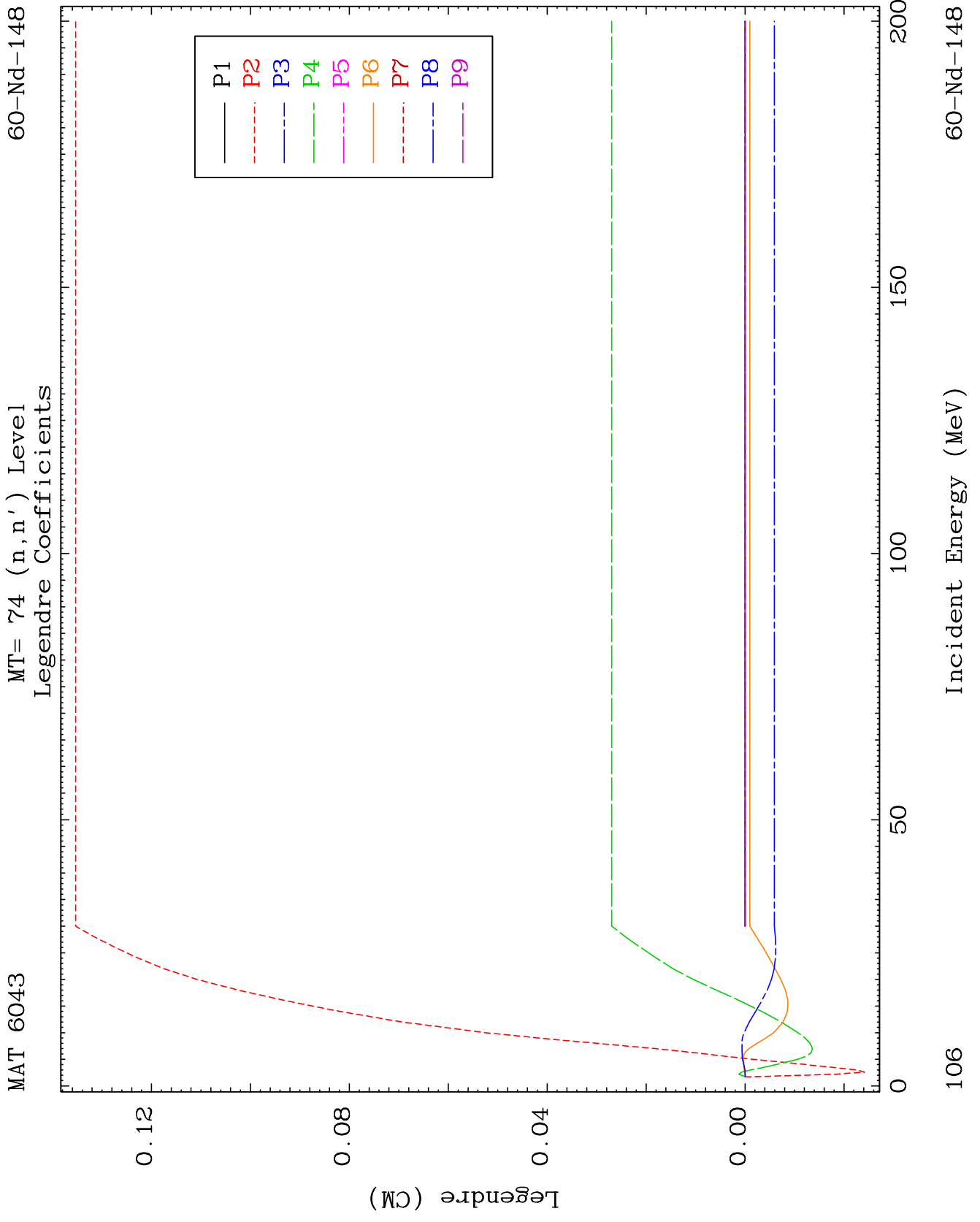
60-Nd-148



60-Nd-148

Incident Energy (MeV)

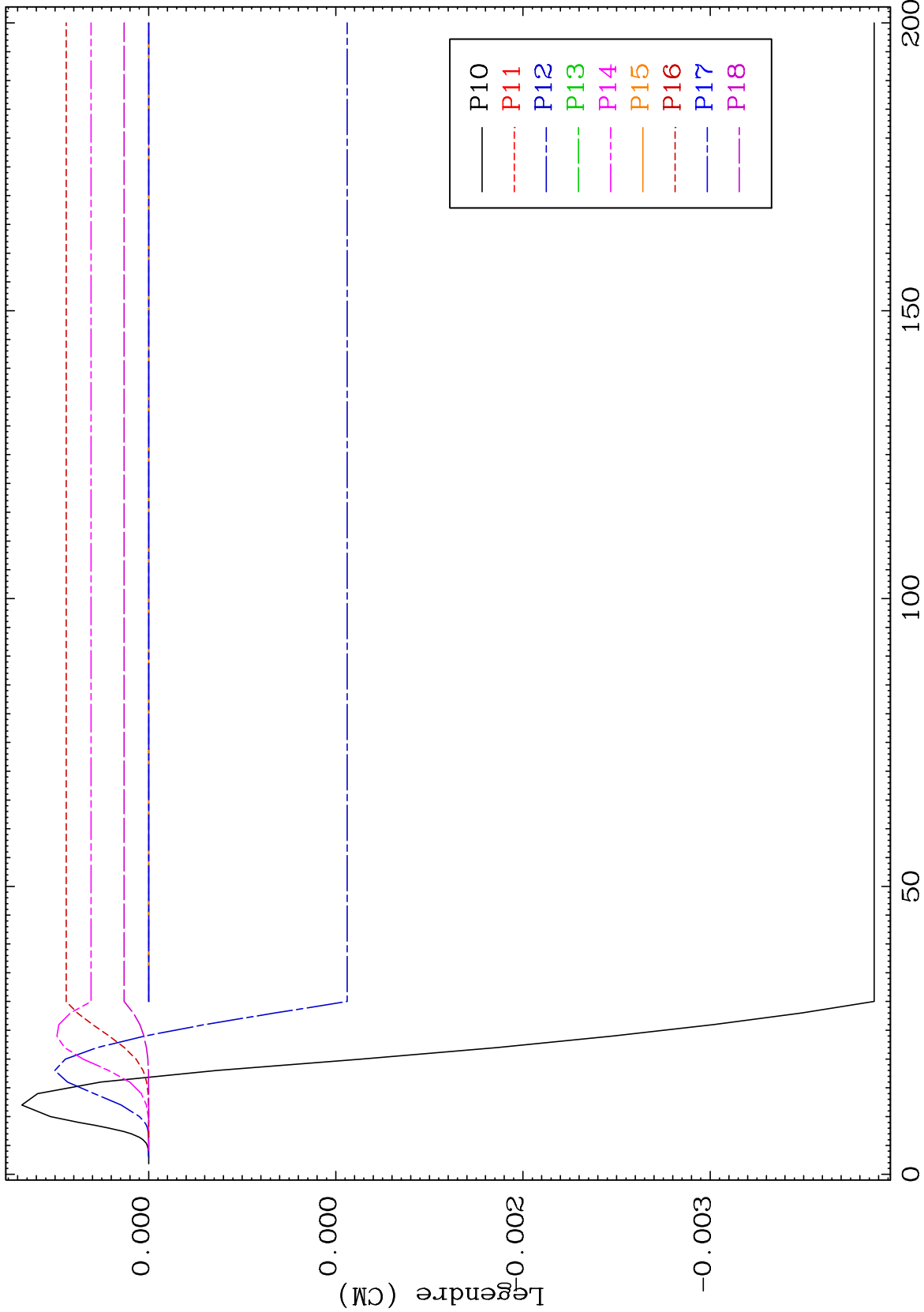
105



MAT 6043

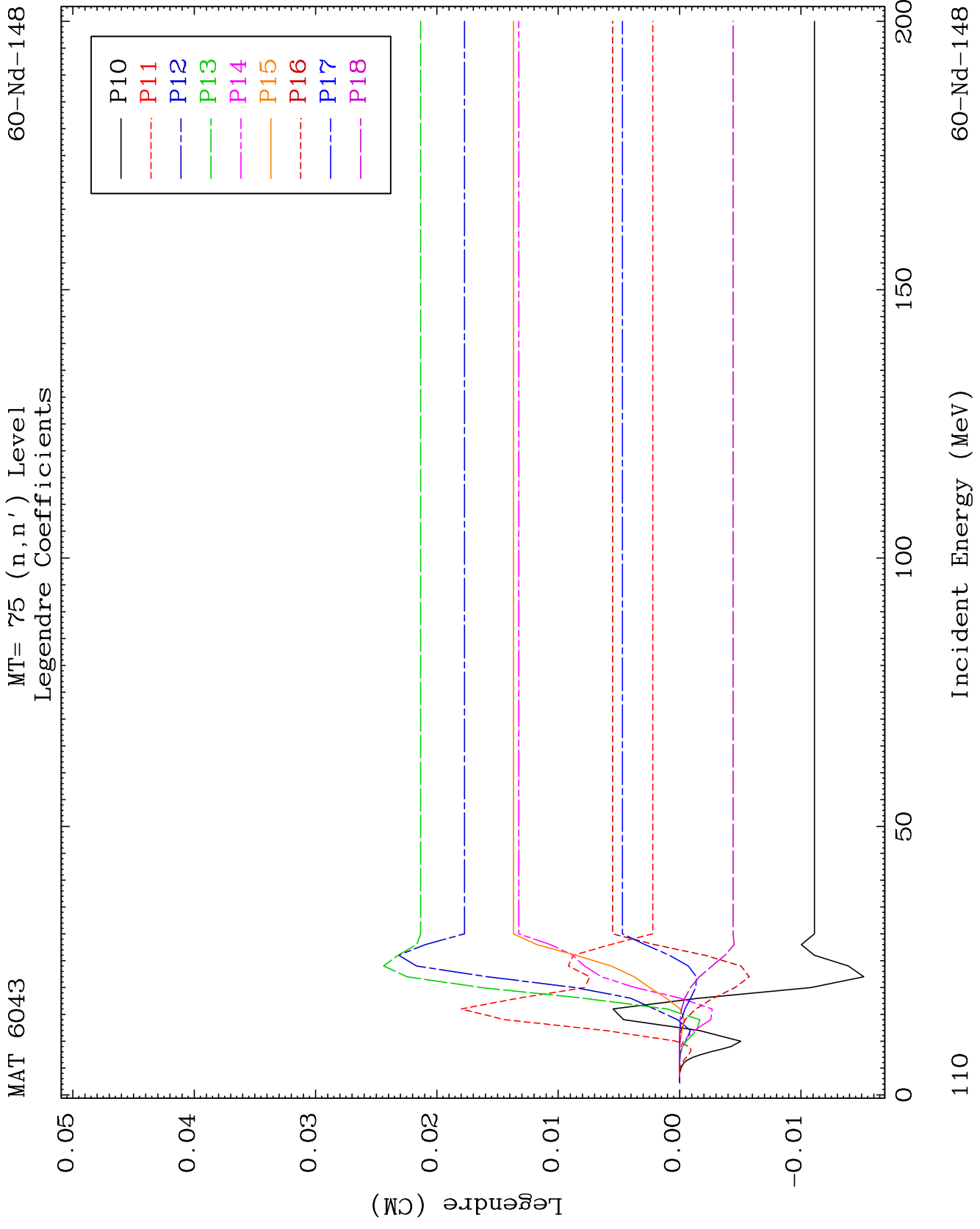
MT= 74 (n,n') Level
Legendre Coefficients

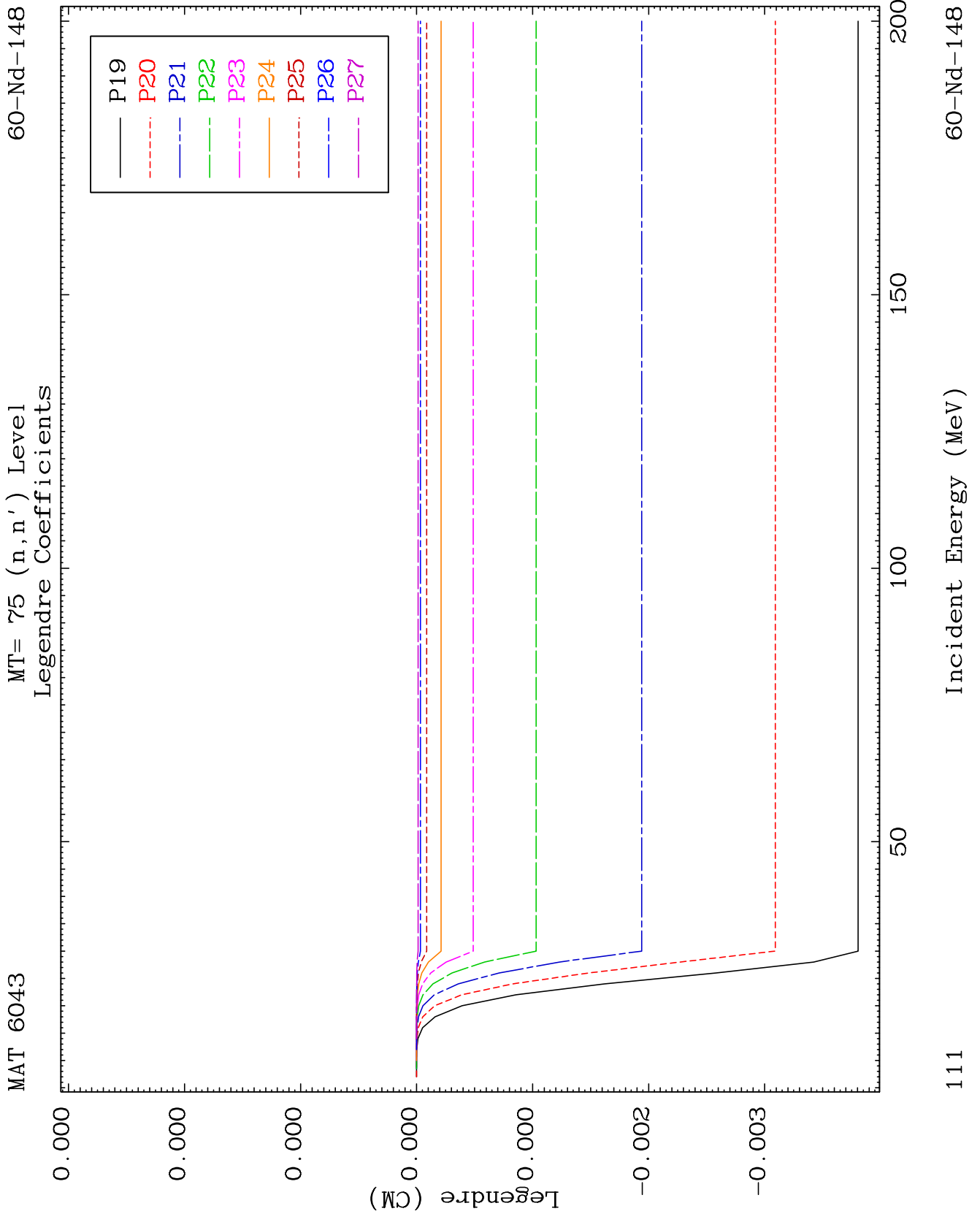
60-Nd-148

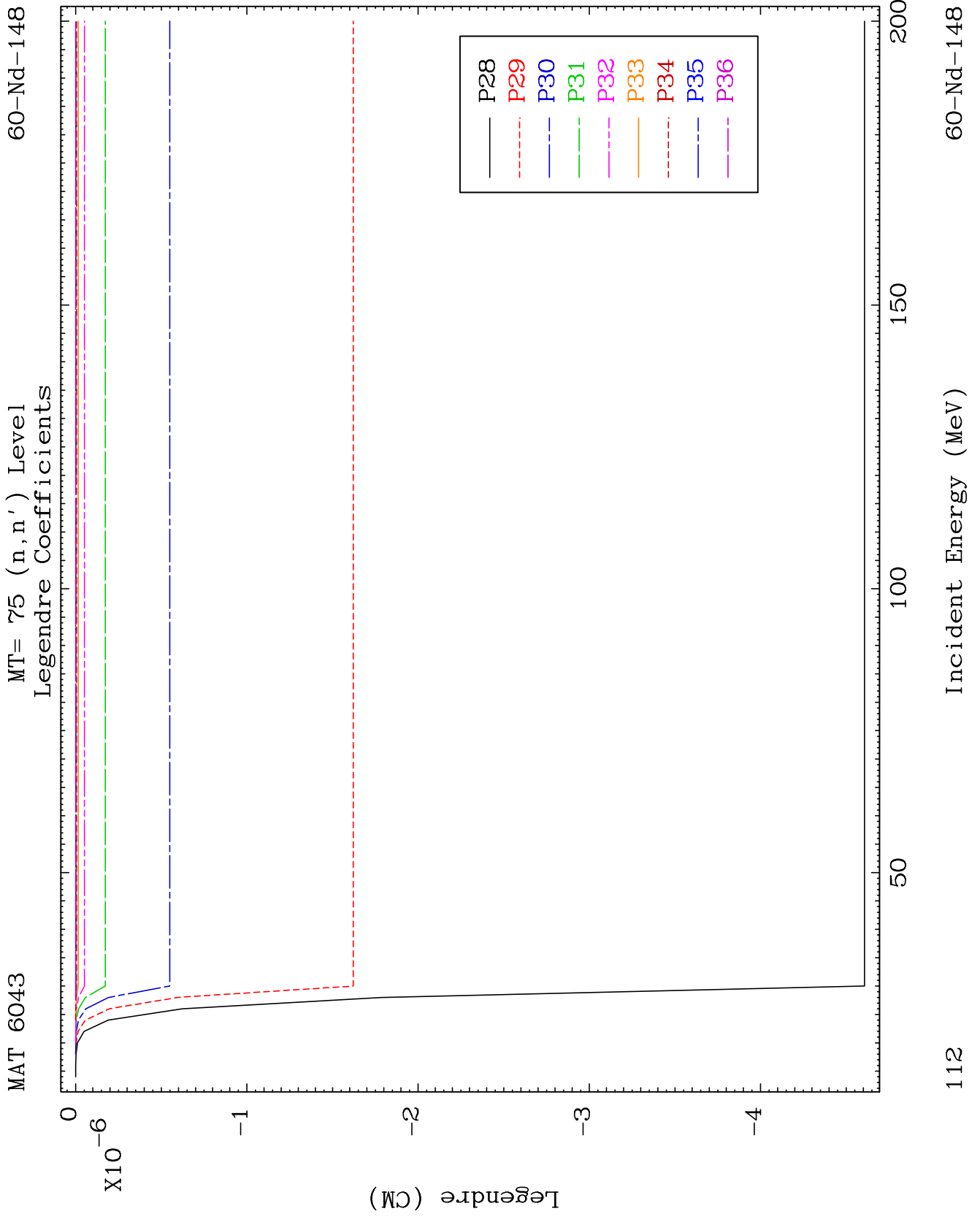


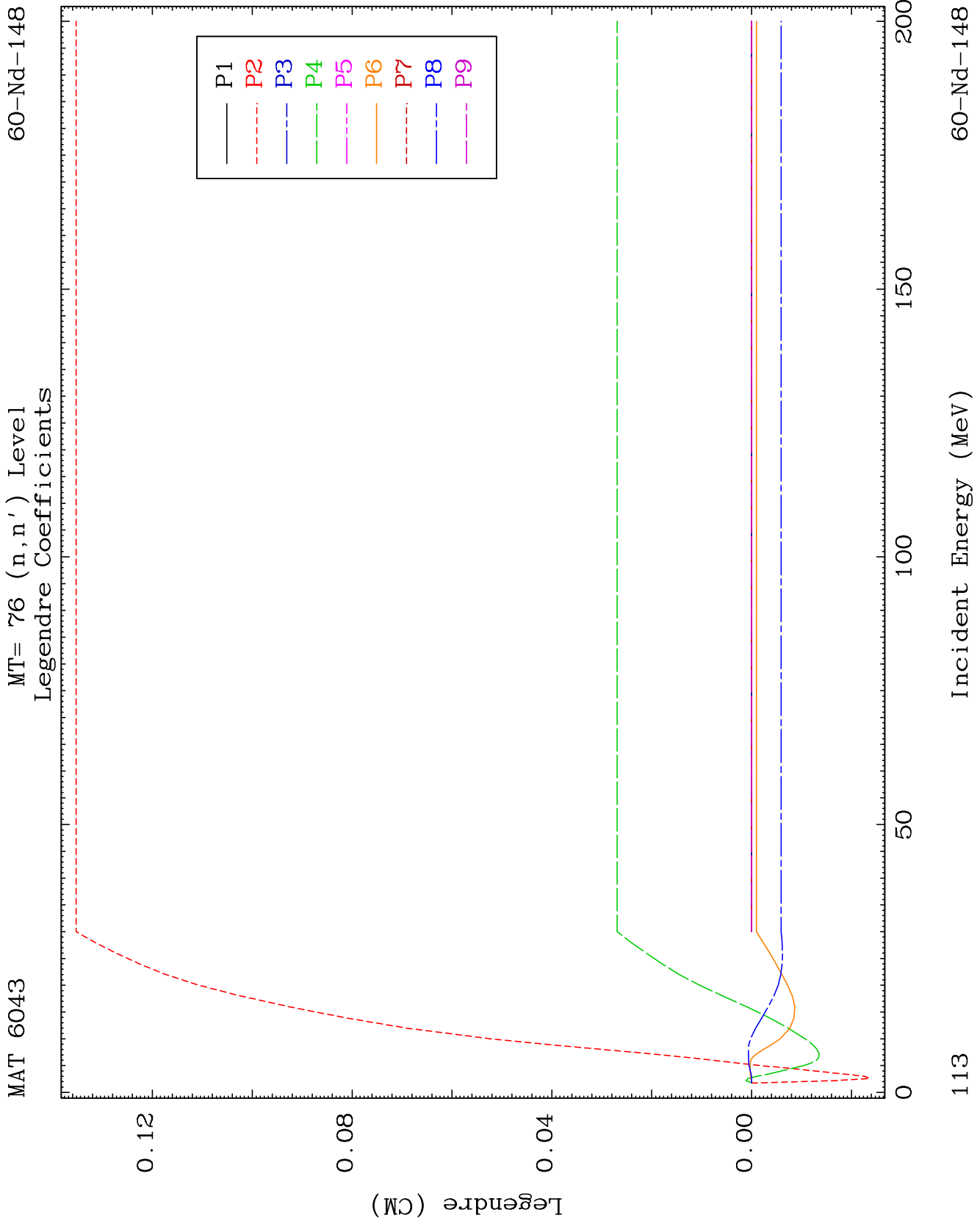
107

60-Nd-148





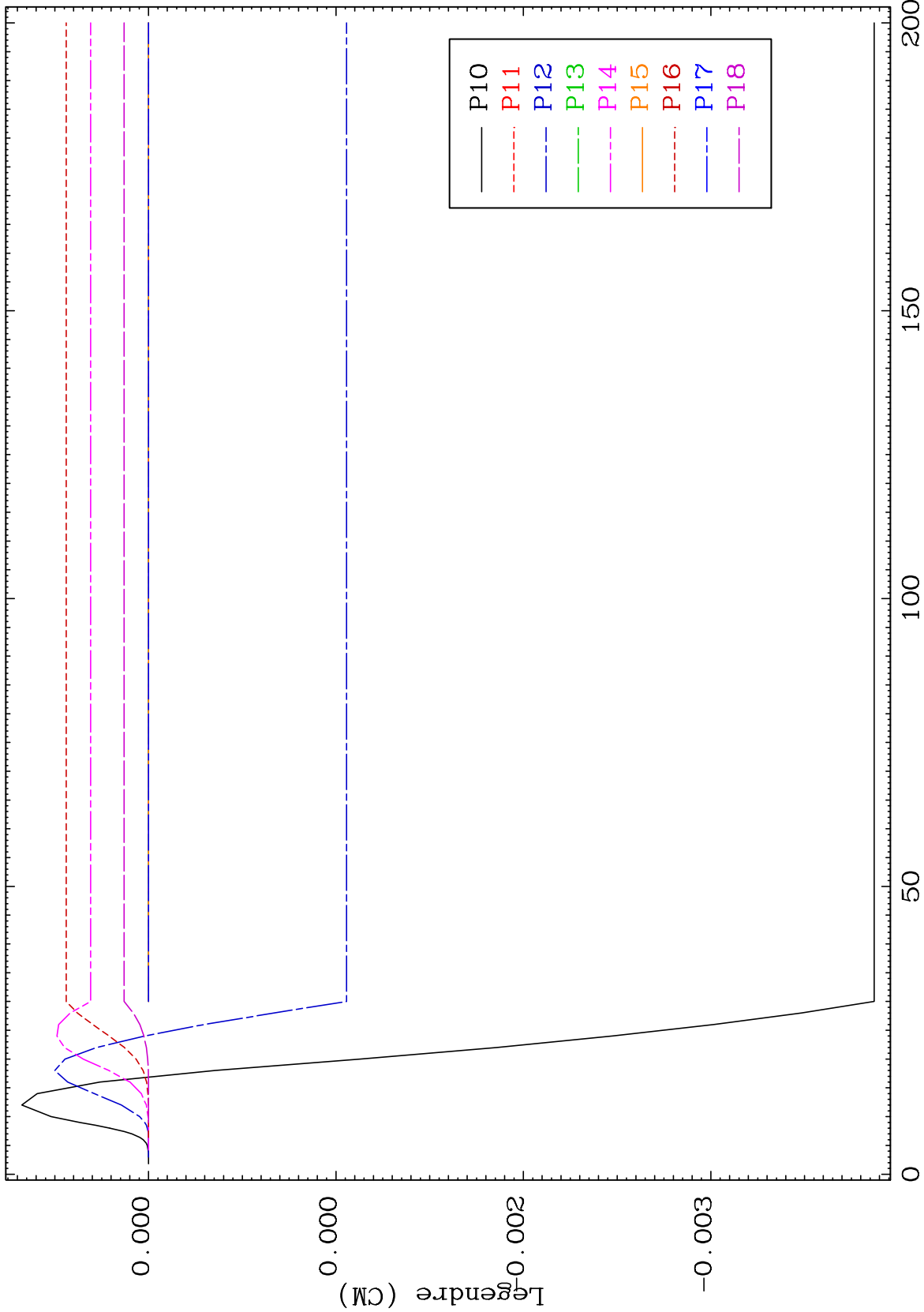




MAT 6043

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

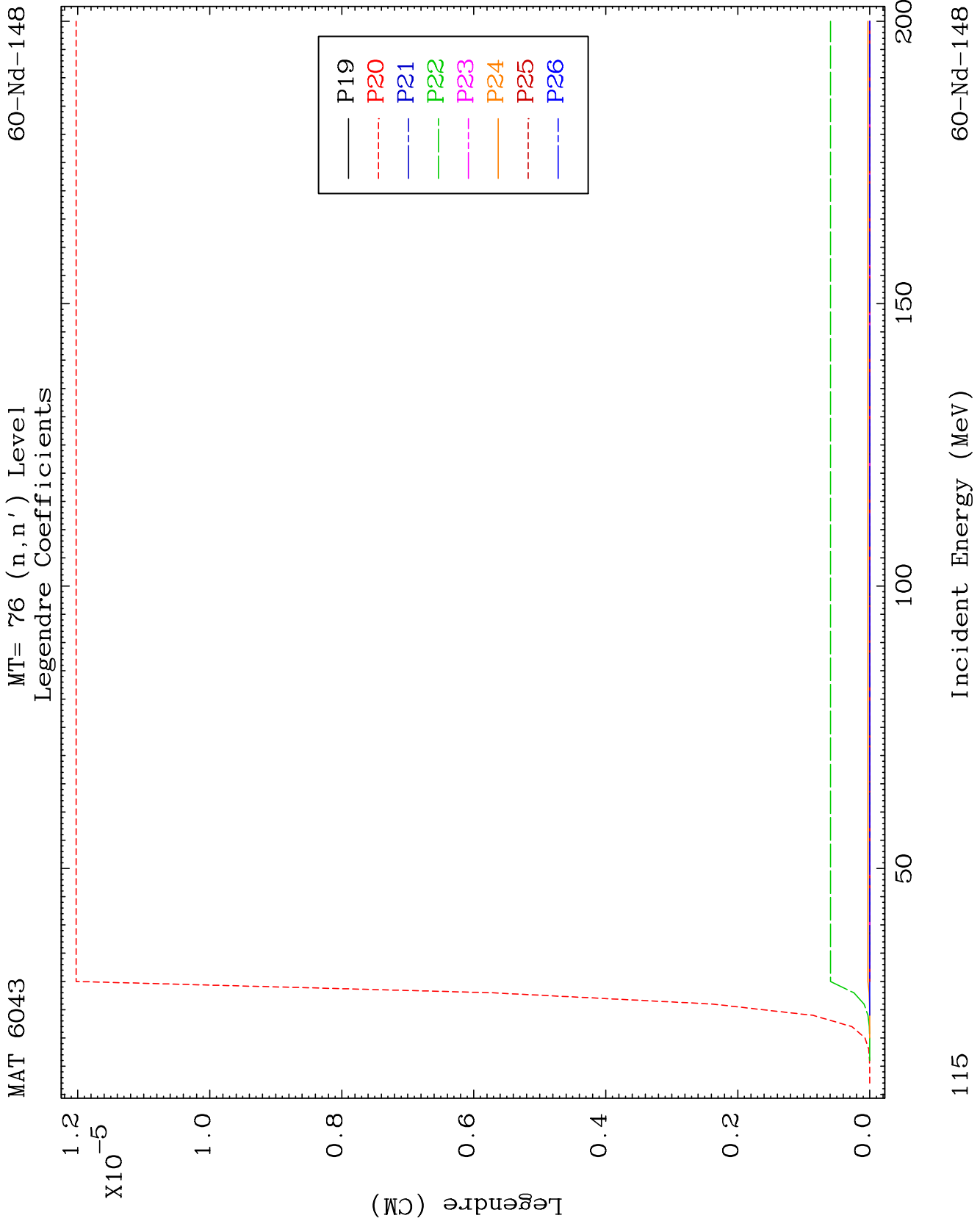
60-Nd-148



114

Incident Energy (MeV)

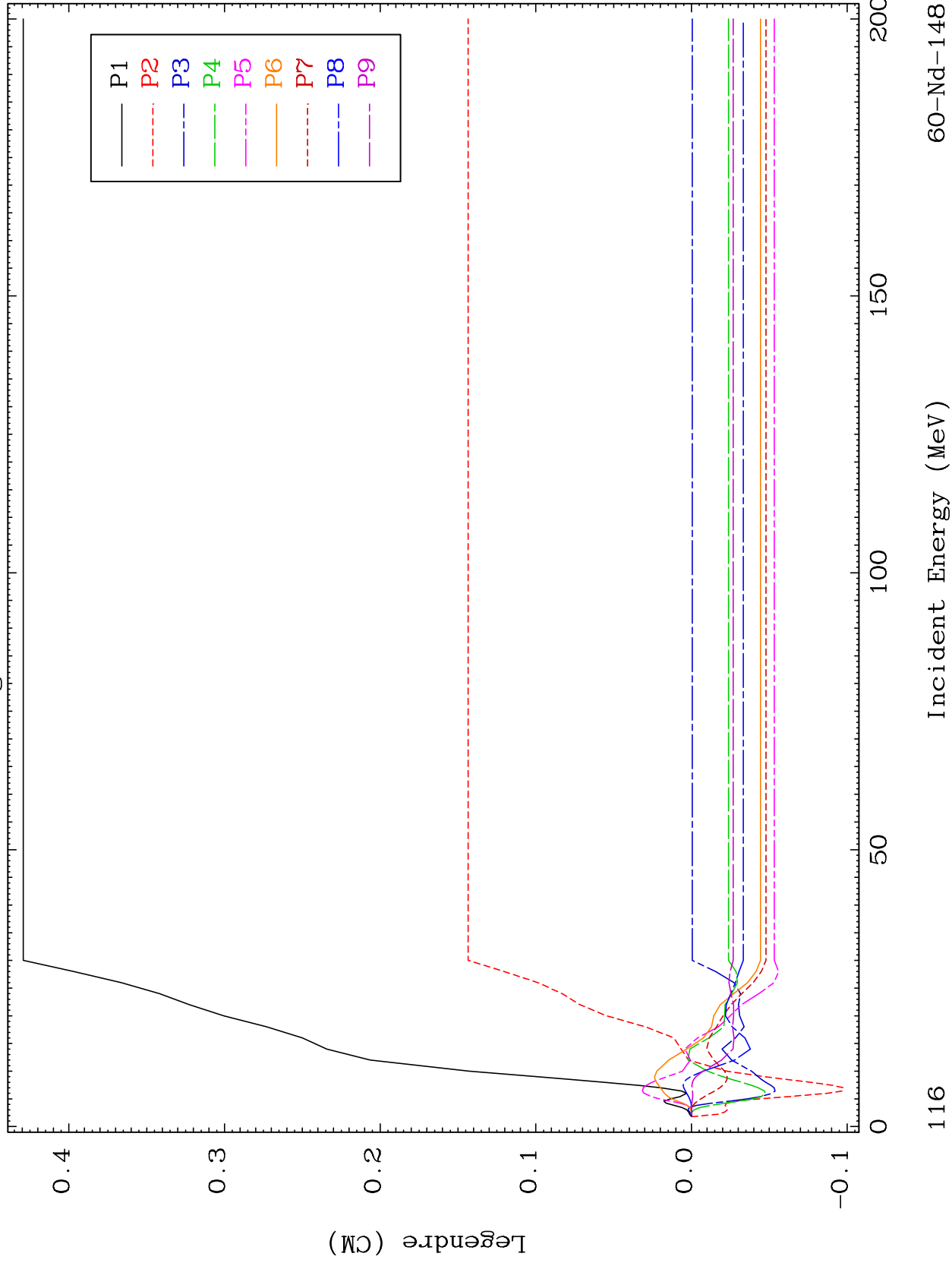
60-Nd-148



MAT 6043

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

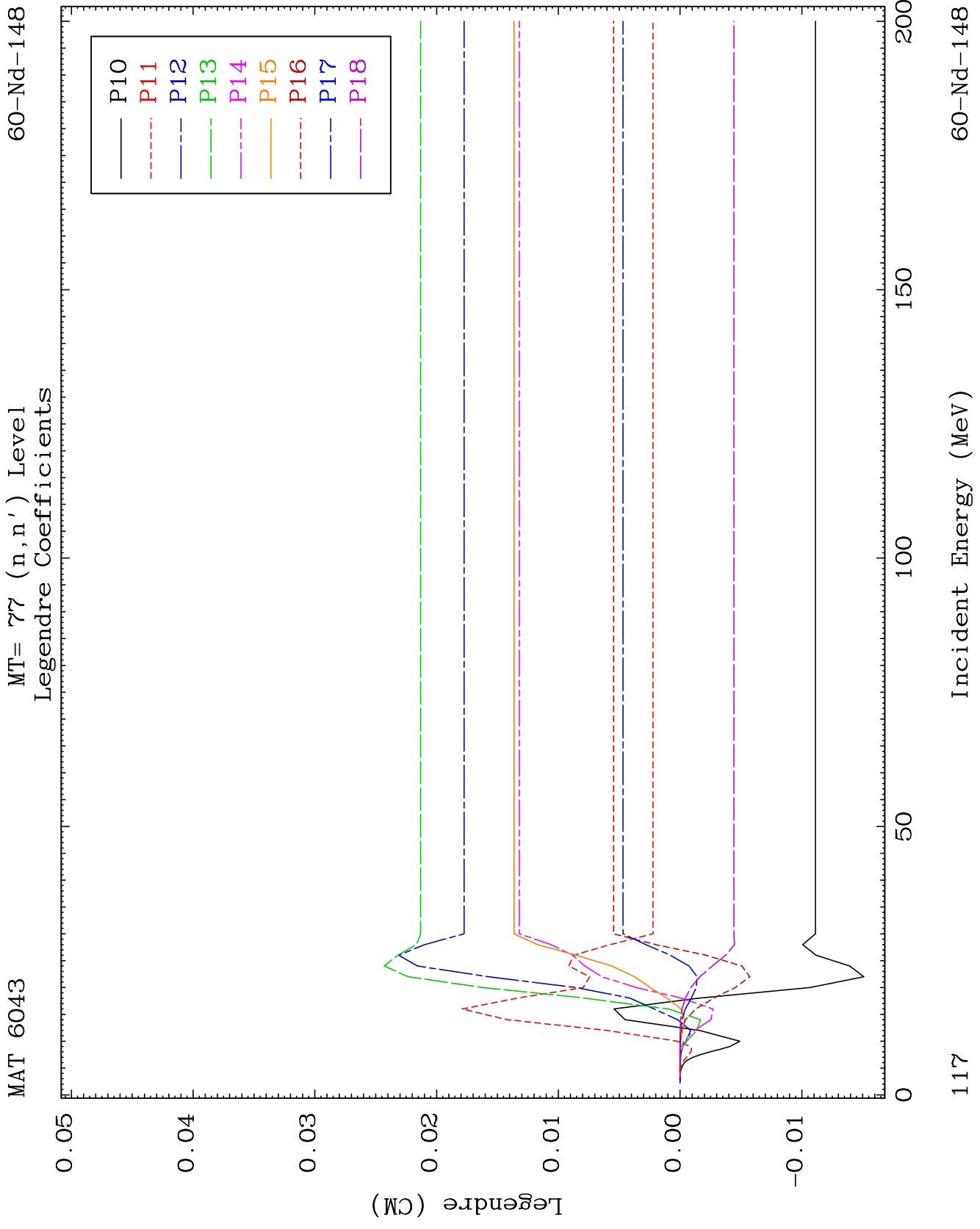
60-Nd-148

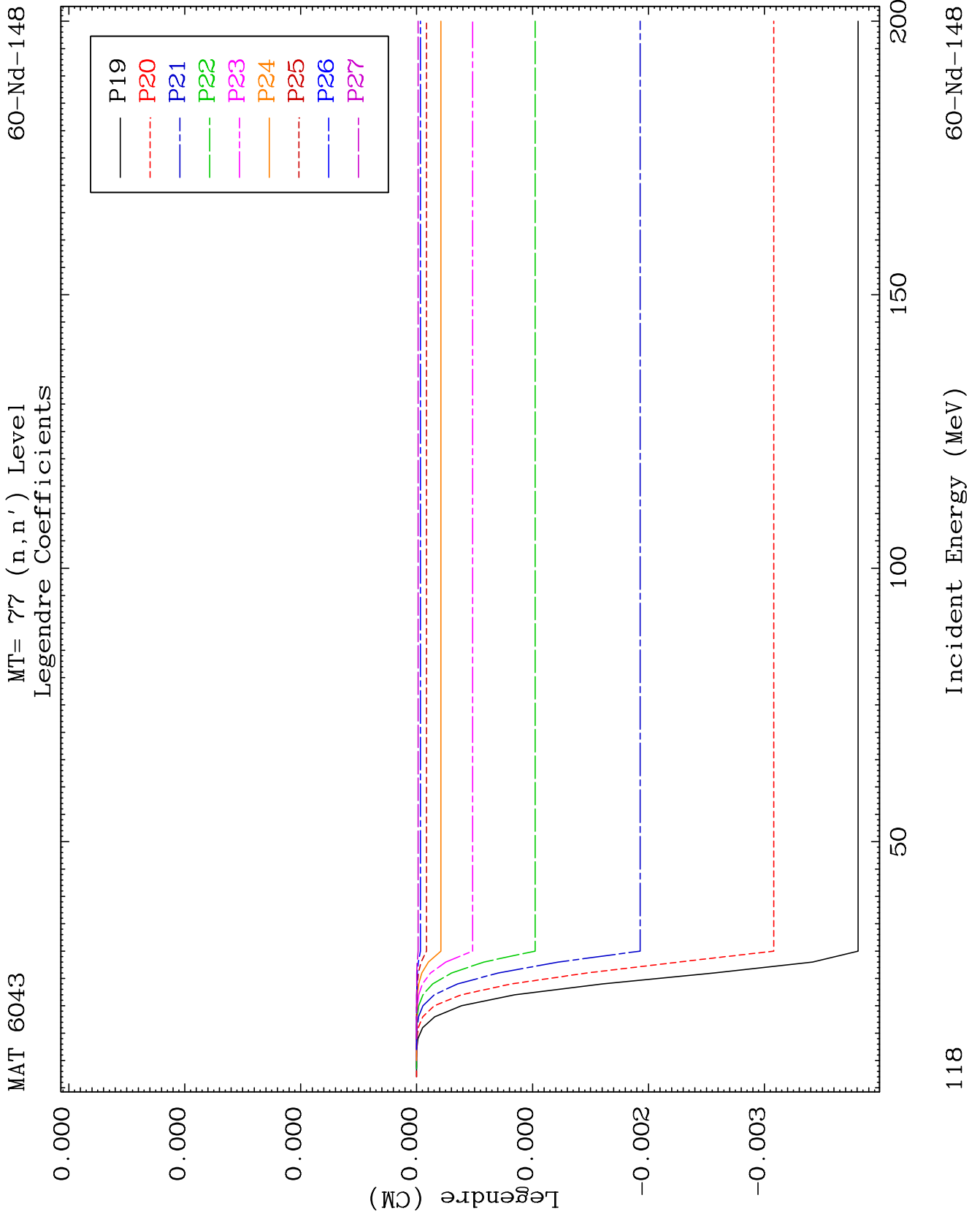


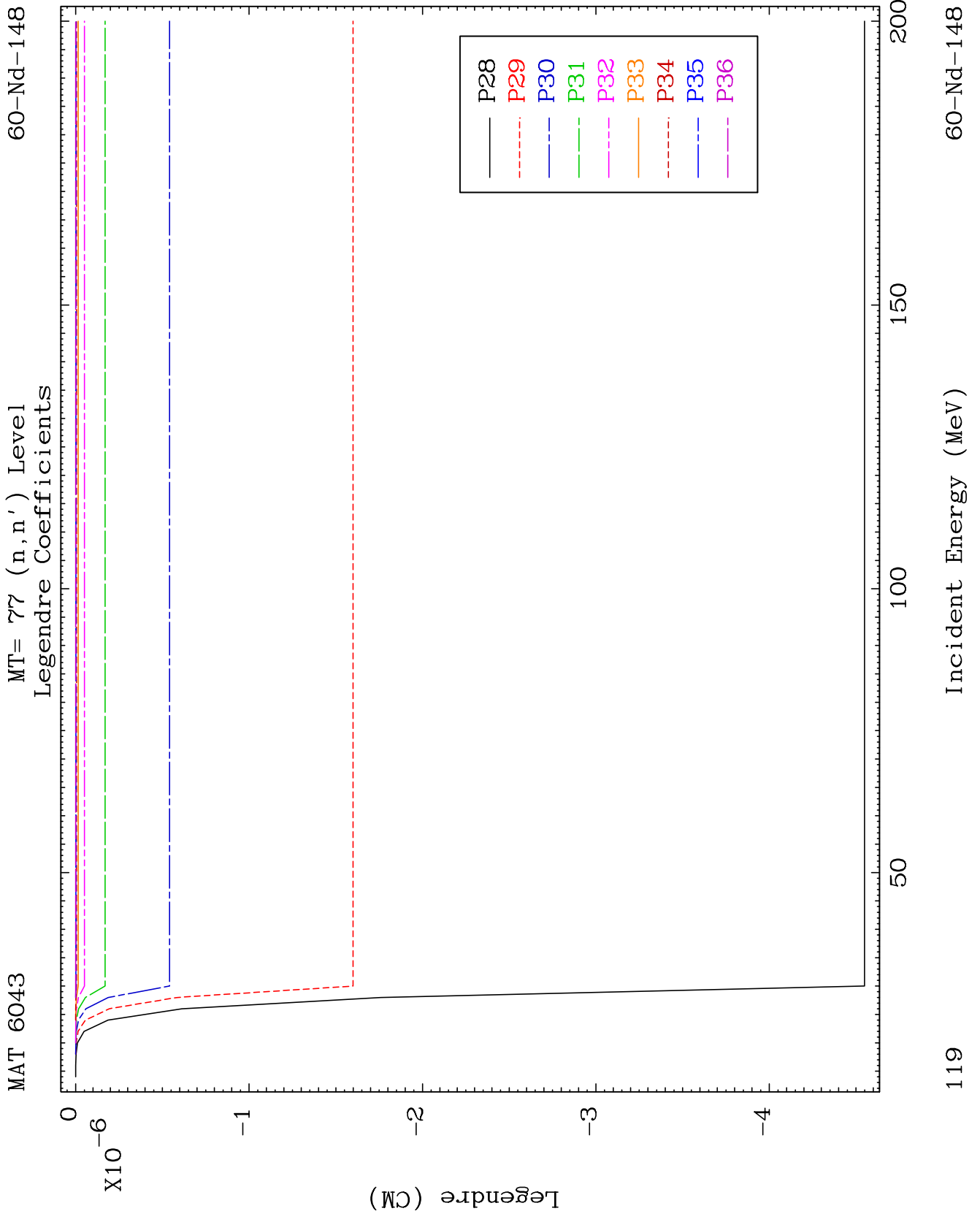
60-Nd-148

Incident Energy (MeV)

116



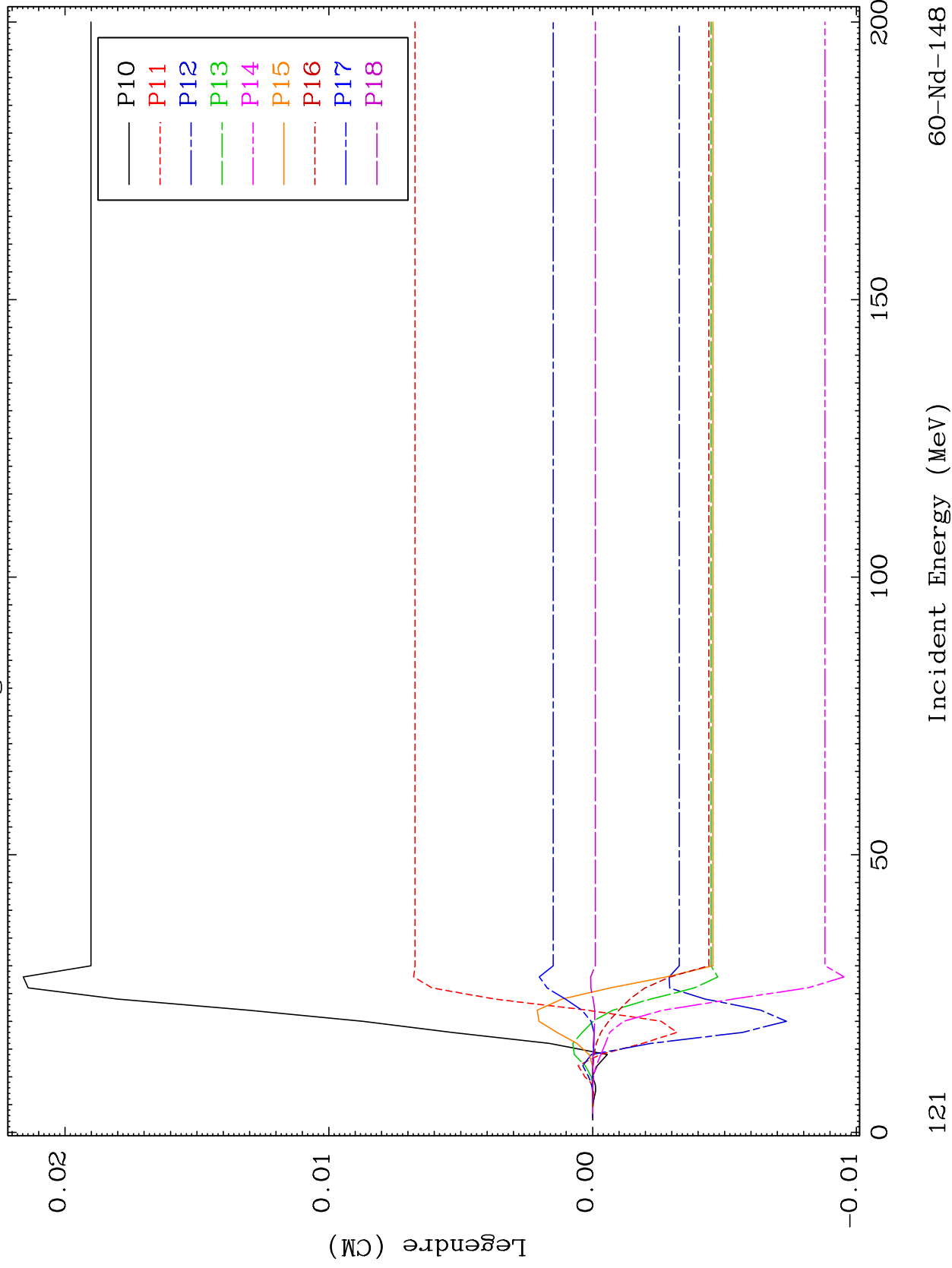




MAT 6043

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

60-Nd-148



121

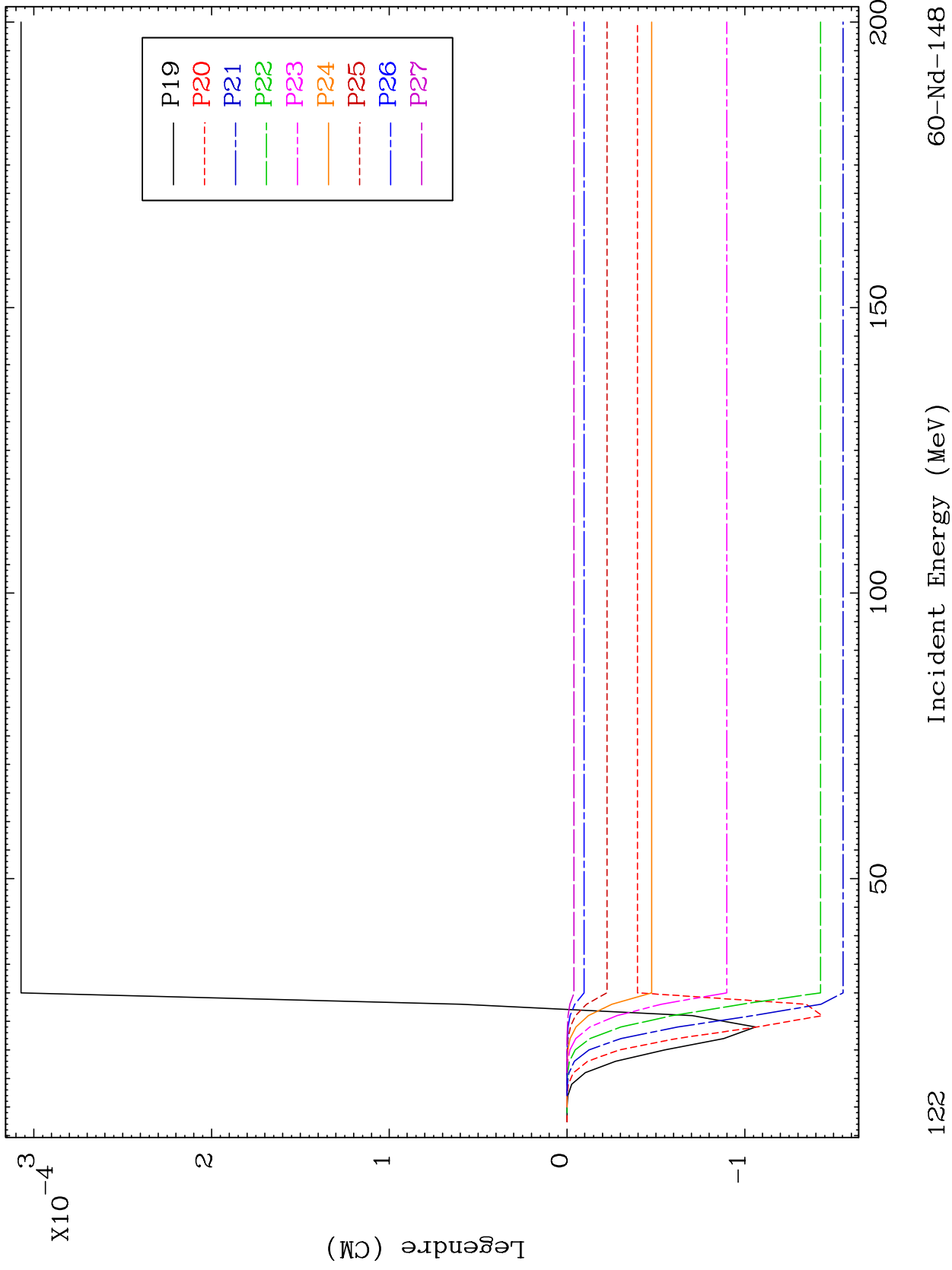
Incident Energy (MeV)

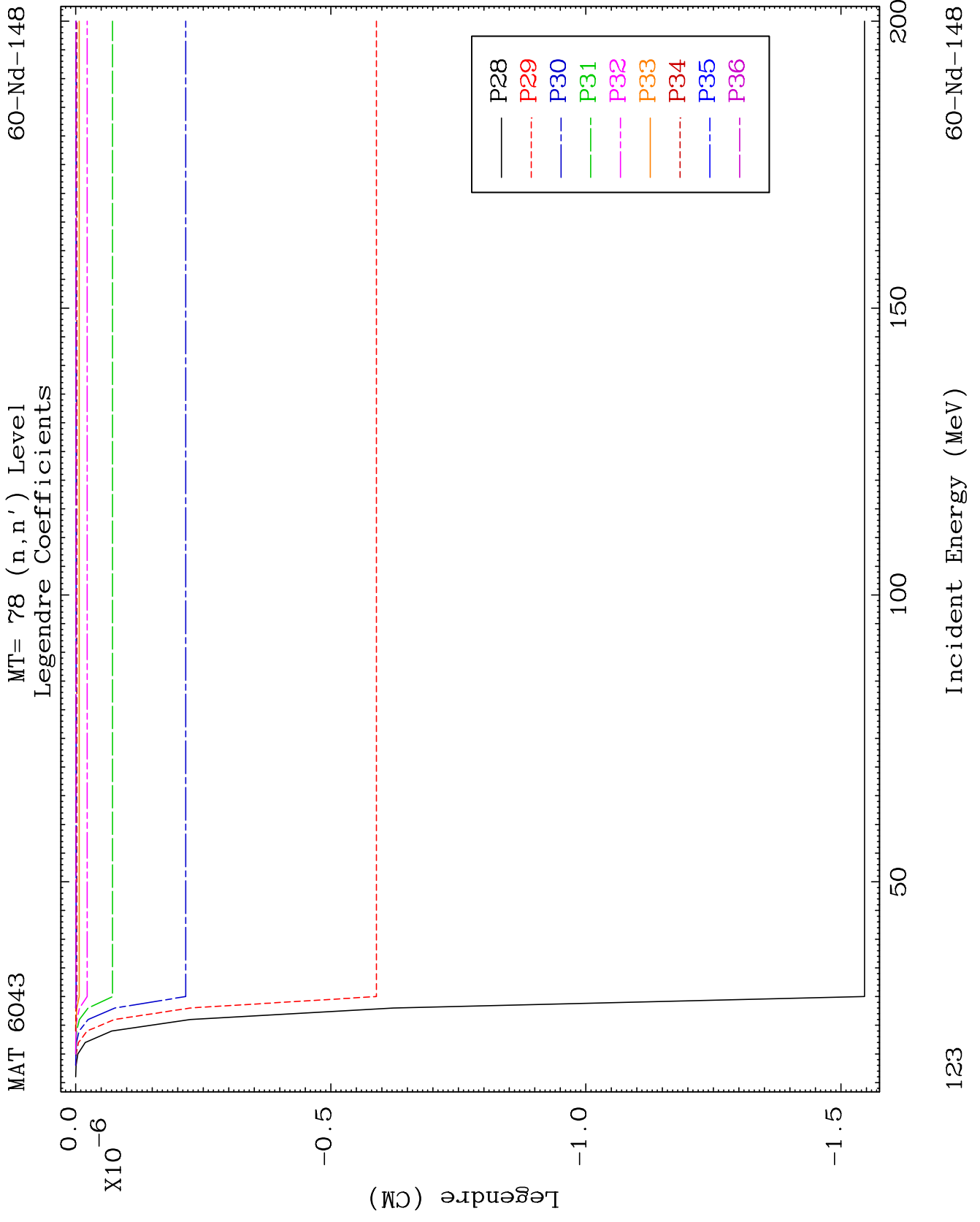
60-Nd-148

MAT 6043

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

60-Nd-148

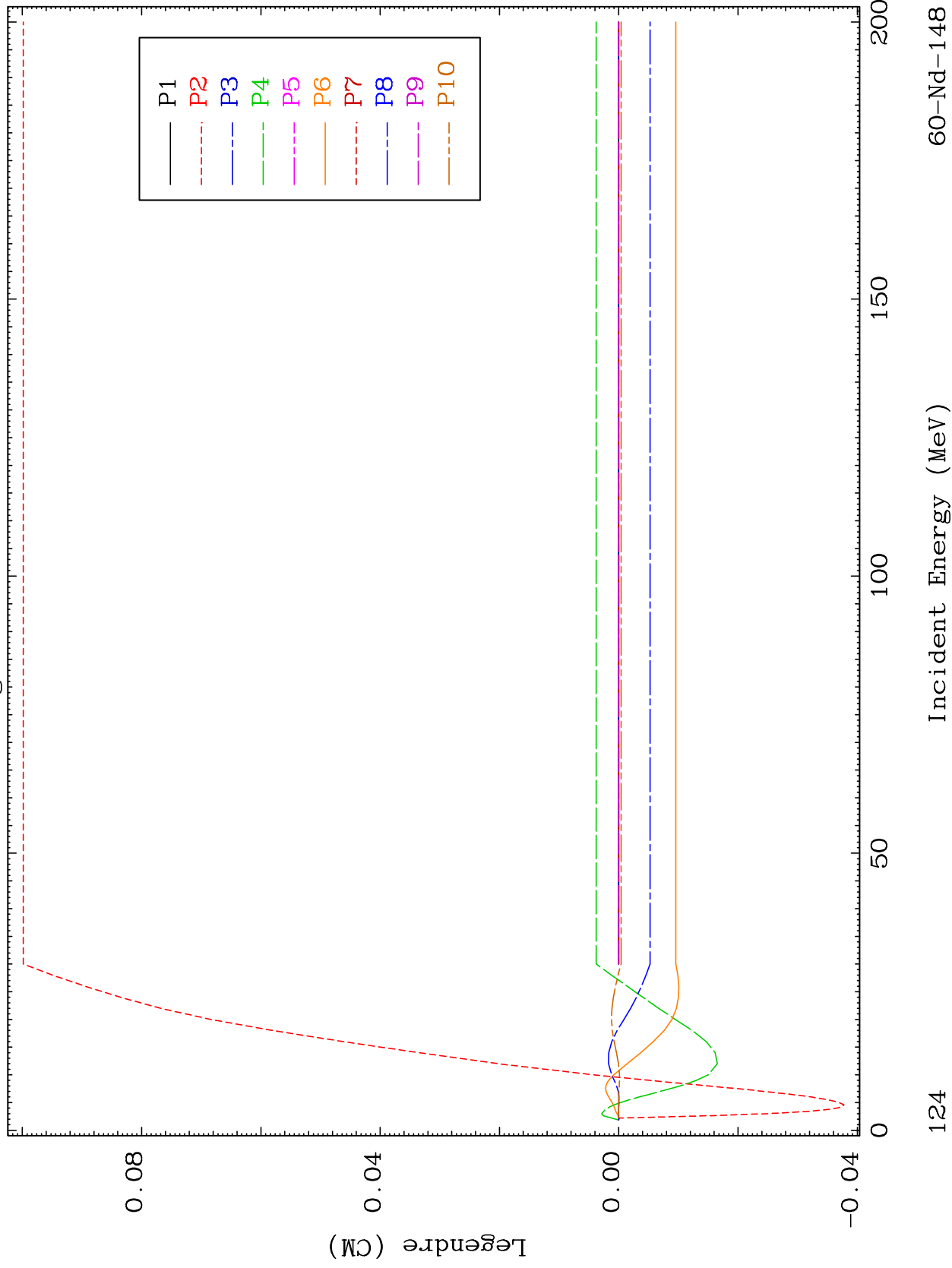




MAT 6043

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

60-Nd-148



60-Nd-148

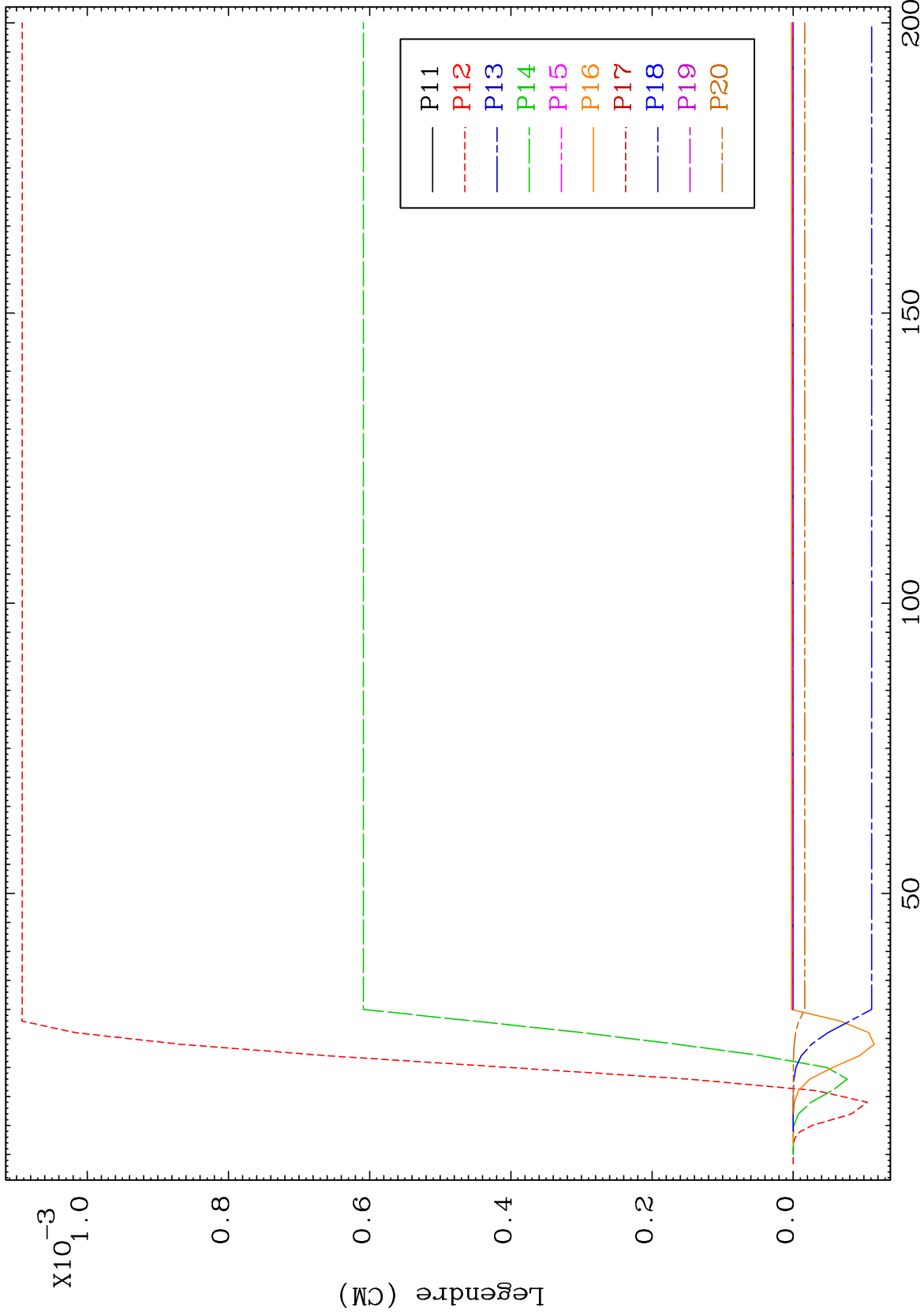
Incident Energy (MeV)

124

MAT 6043

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

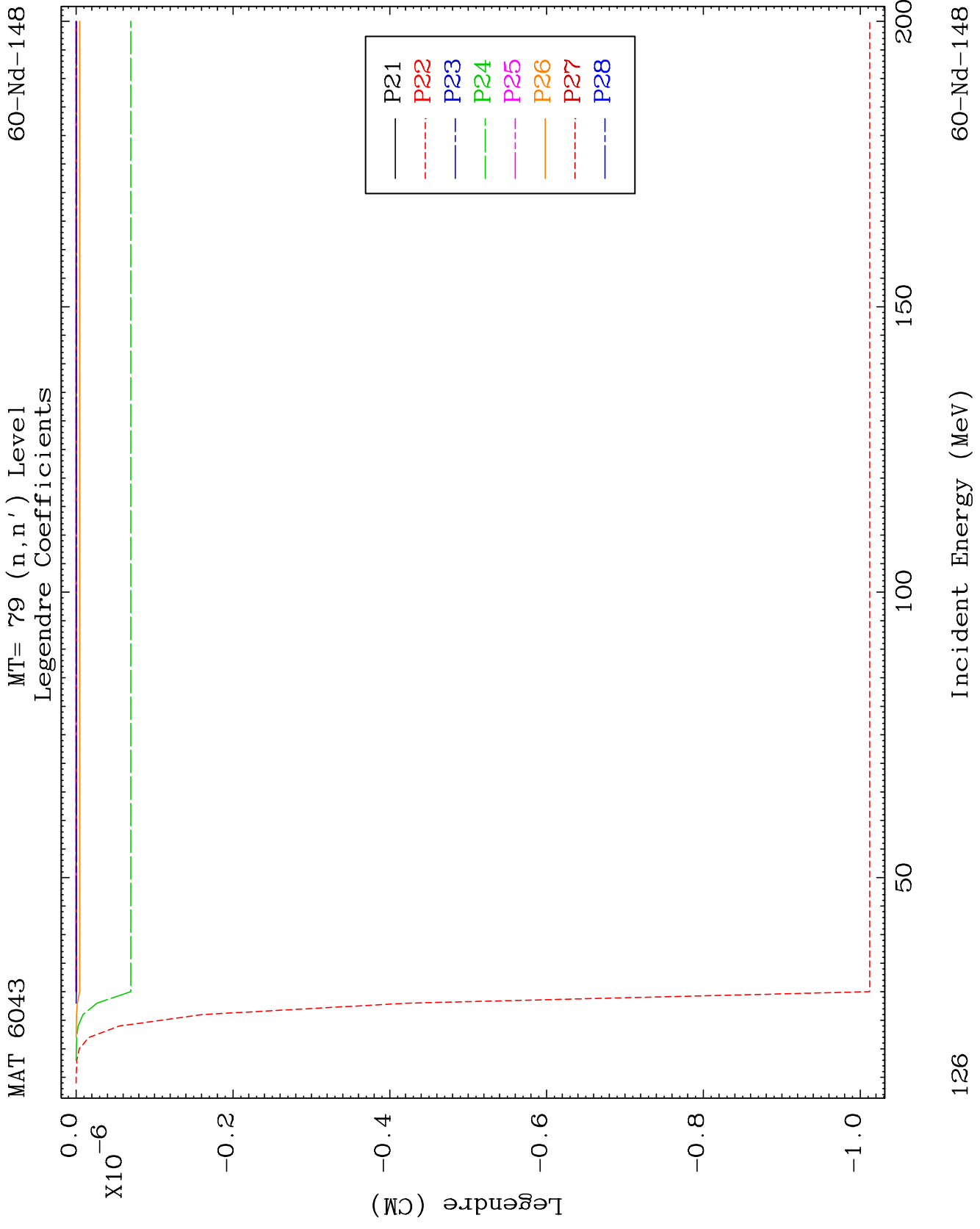
60-Nd-148



125

Incident Energy (MeV)

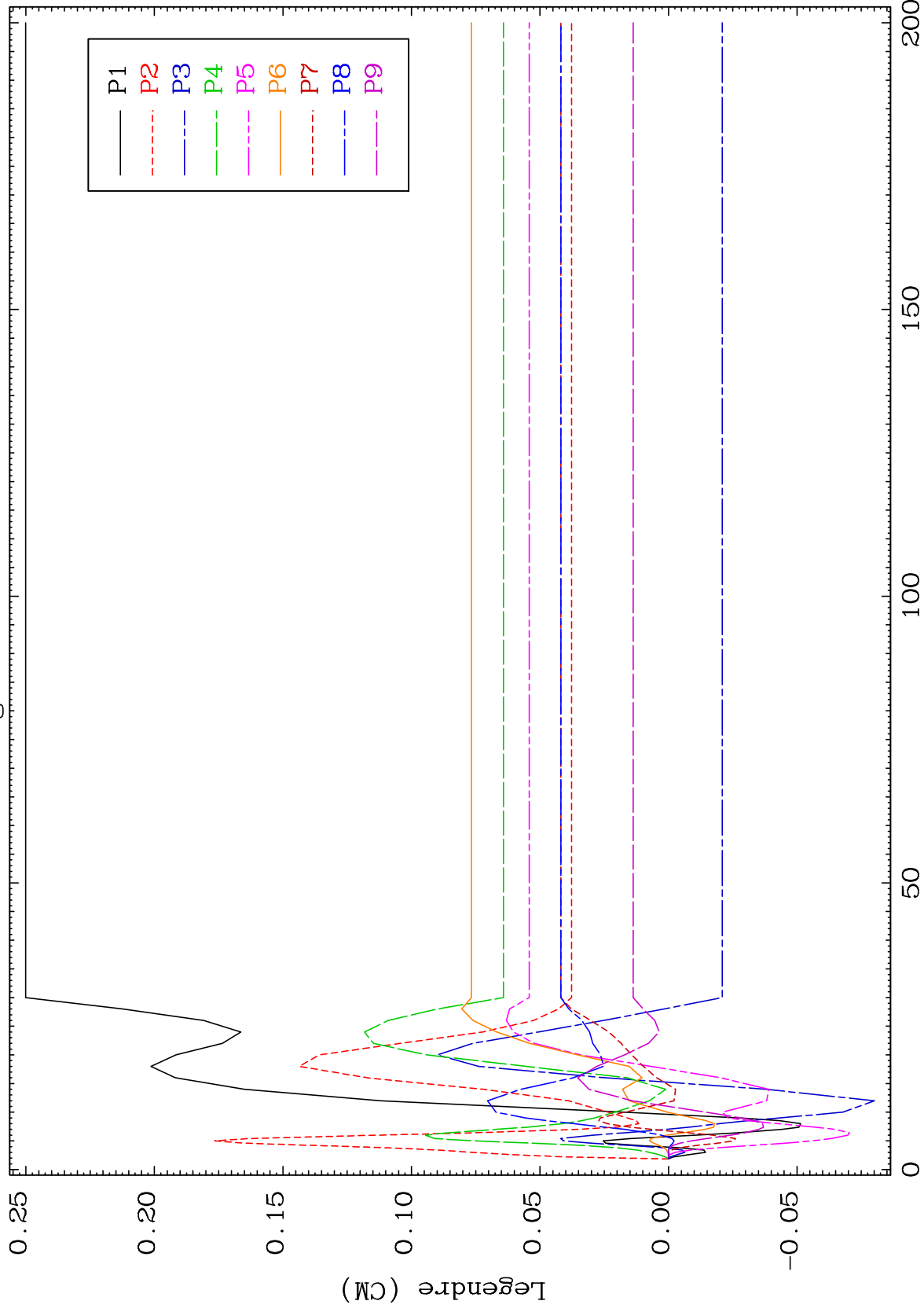
60-Nd-148



MAT 6043

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

60-Nd-148



60-Nd-148

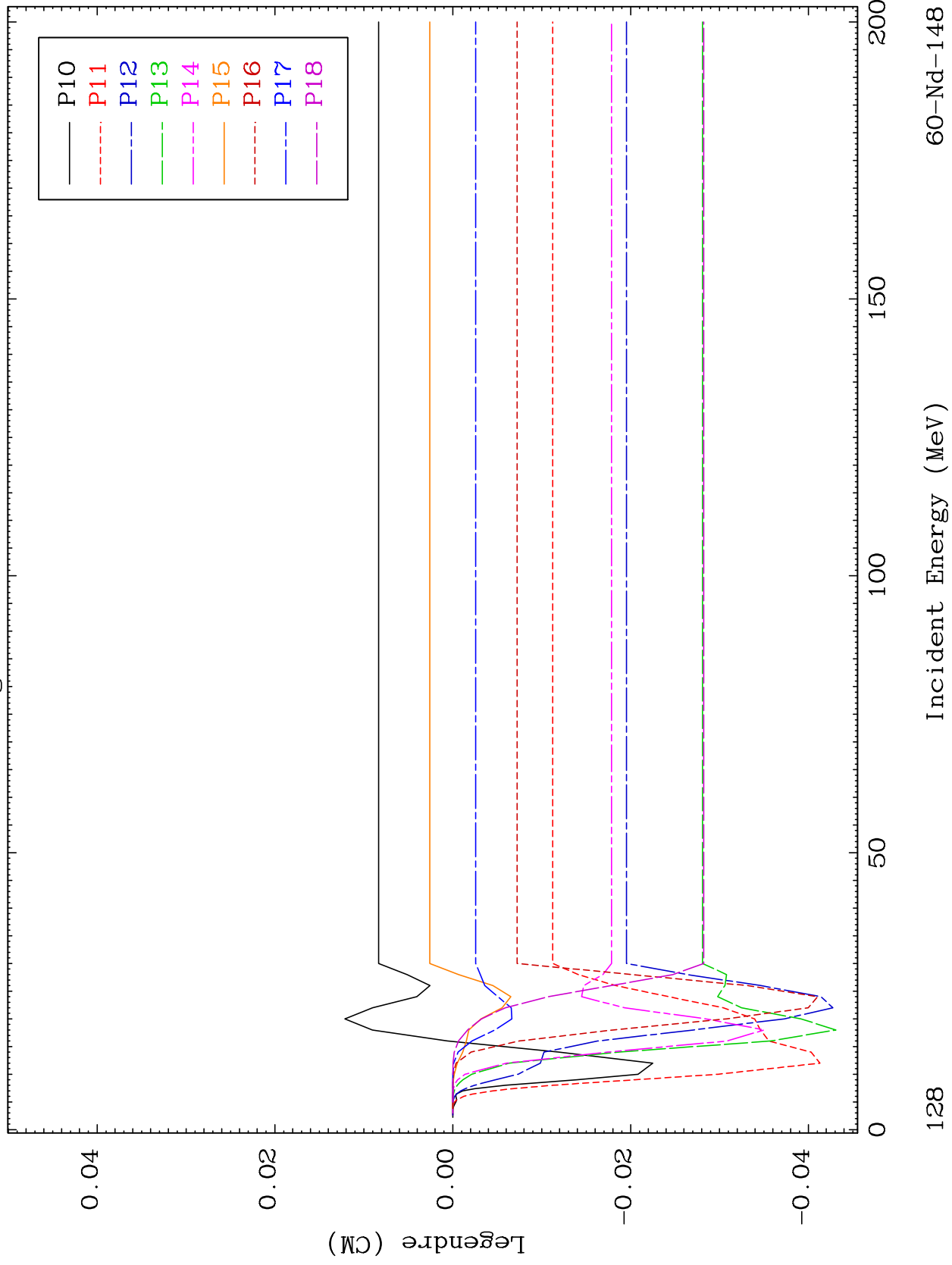
Incident Energy (MeV)

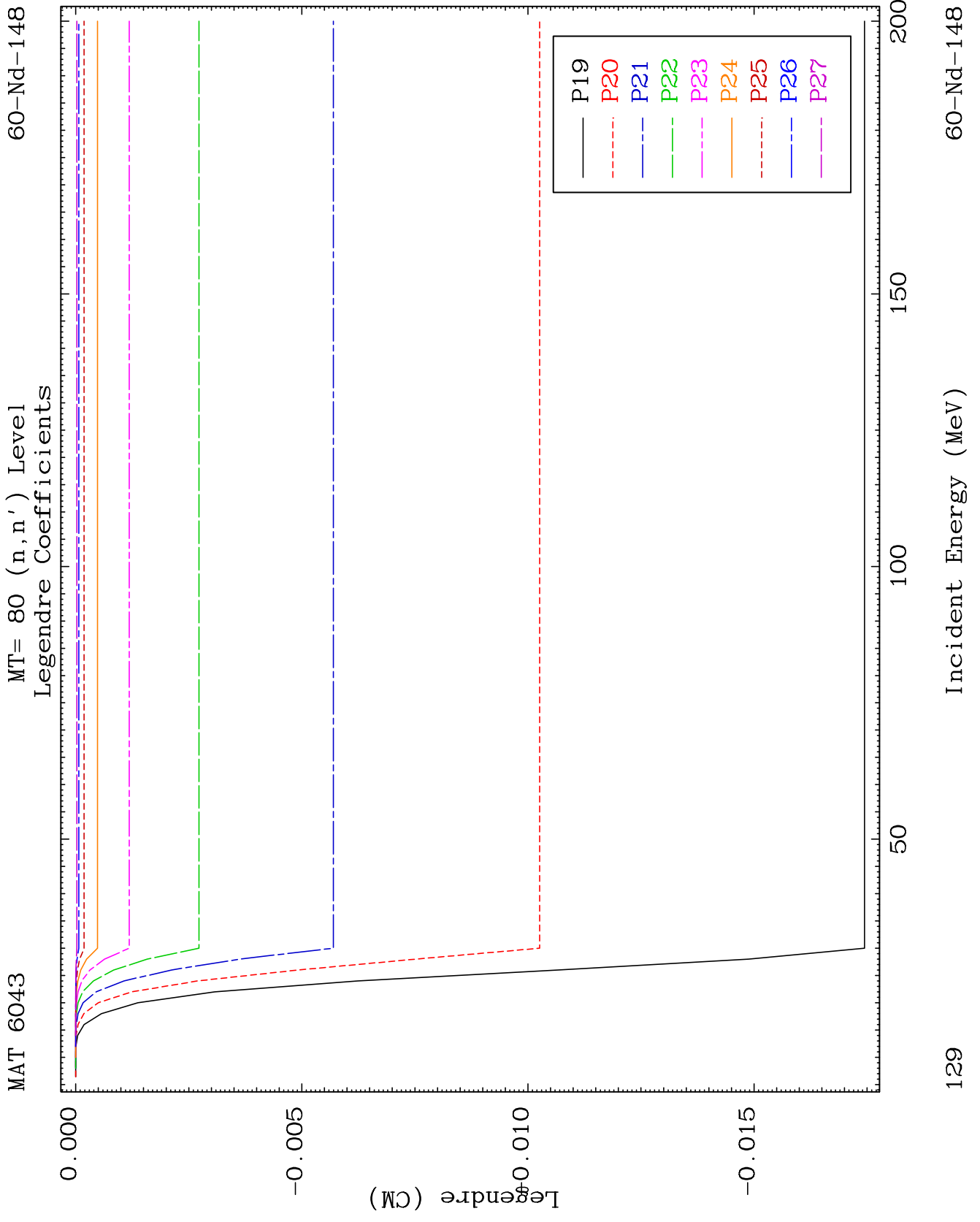
127

MAT 6043

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

60-Nd-148

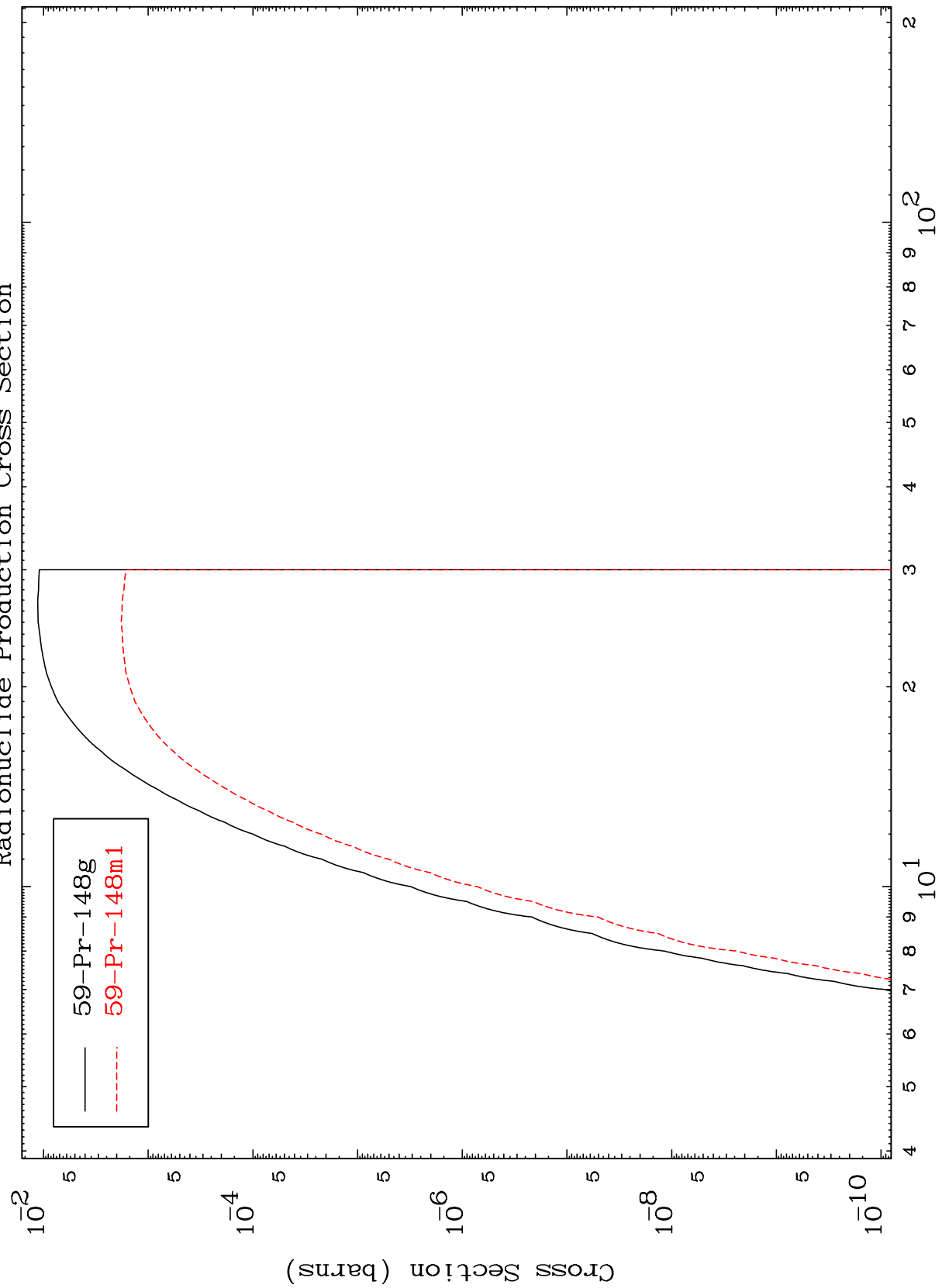




MAT 6043

60-Nd-148

Radionuclide Production Cross Section (n,p)



59-Pr-148g
59-Pr-148m1

60-Nd-148

Incident Energy (MeV)

131