

Program EVALPLOT
(Version 2021-1)

by

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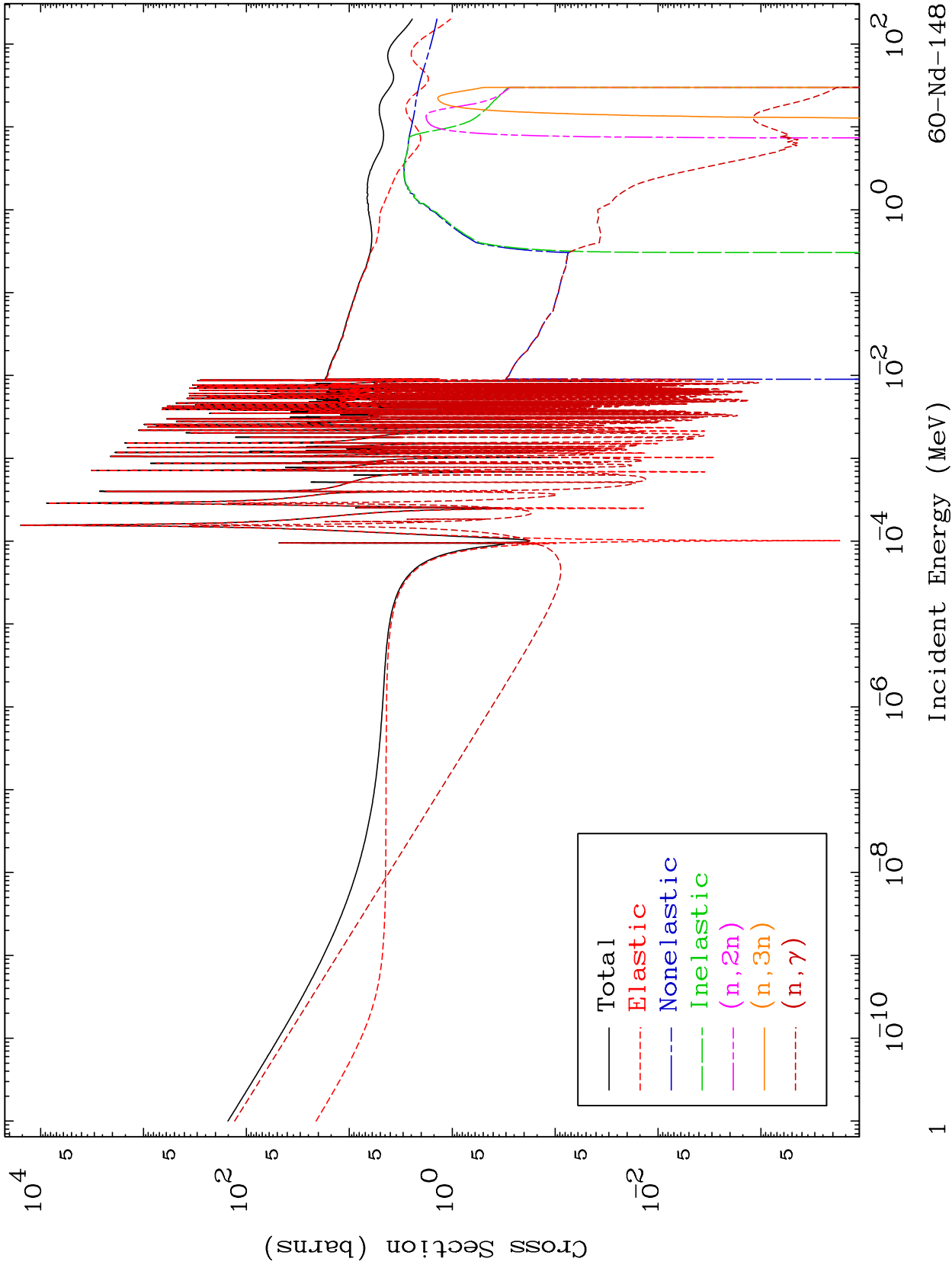
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6043

Neutron Major
293 Kelvin Cross Sections

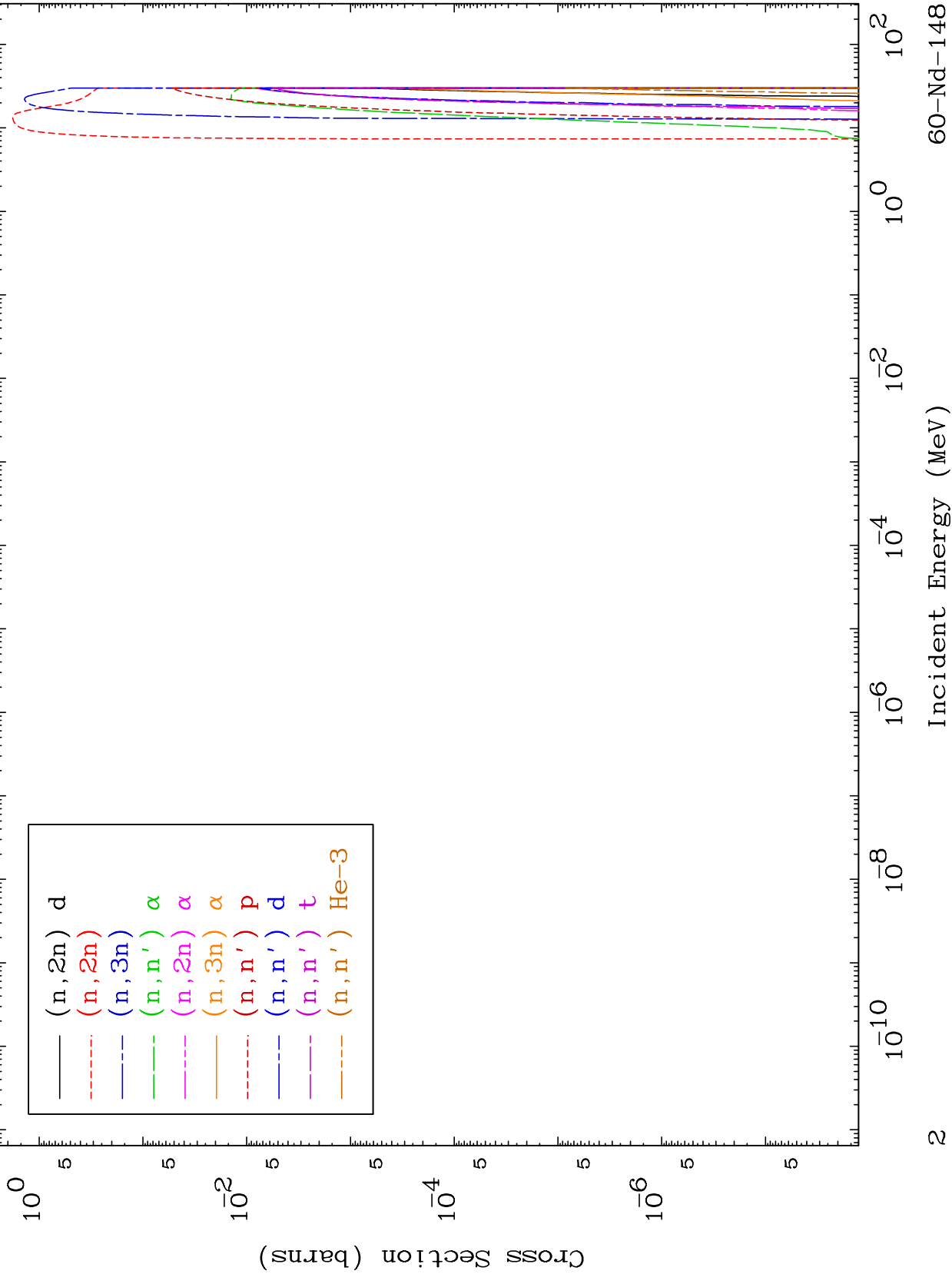
60-Nd-148



MAT 6043

Neutron Absorption
293 Kelvin Cross Sections

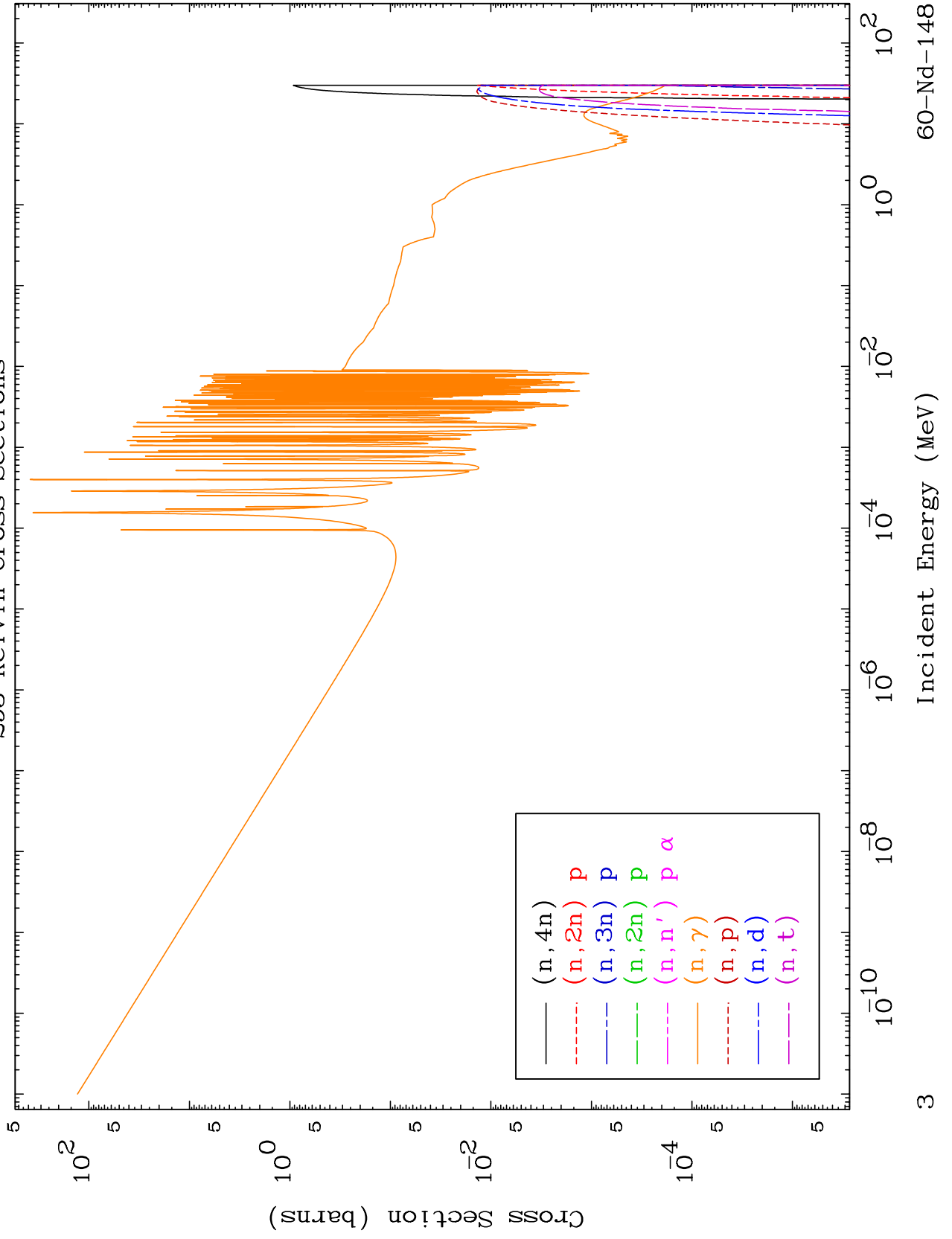
60-Nd-148

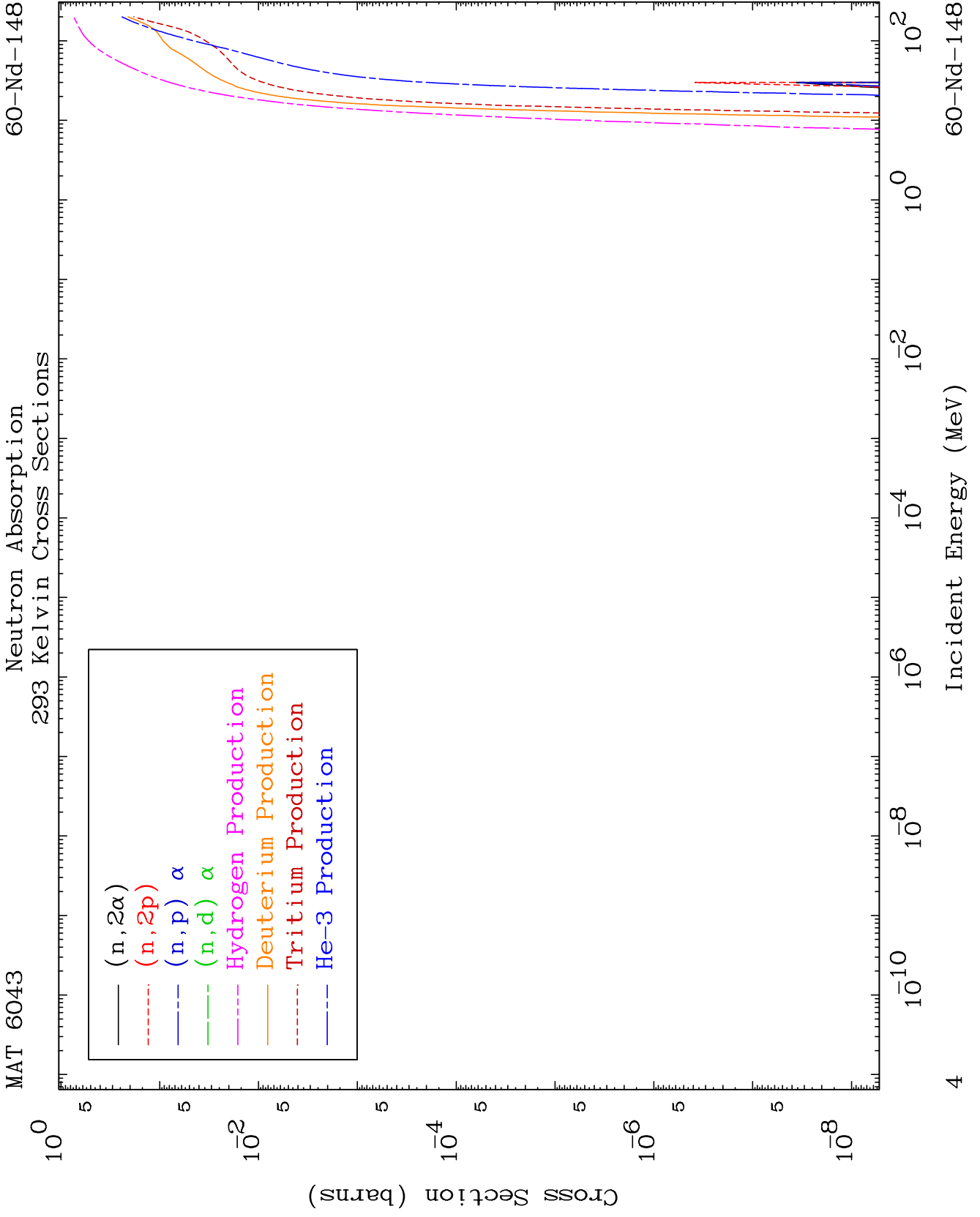


MAT 6043

Neutron Absorption
293 Kelvin Cross Sections

60-Nd-148

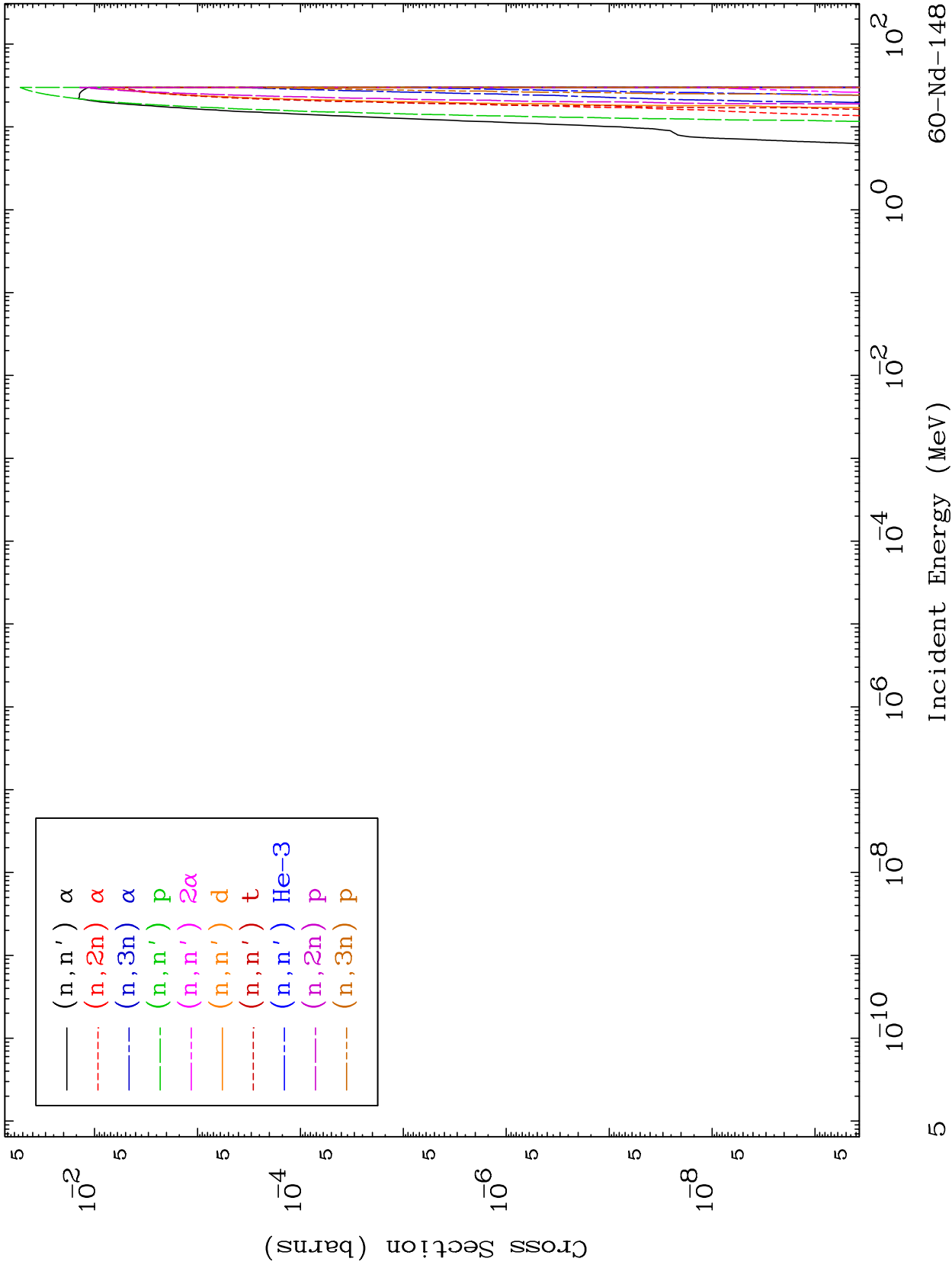




MAT 6043

Charged Particle
293 Kelvin Cross Sections

60-Nd-148

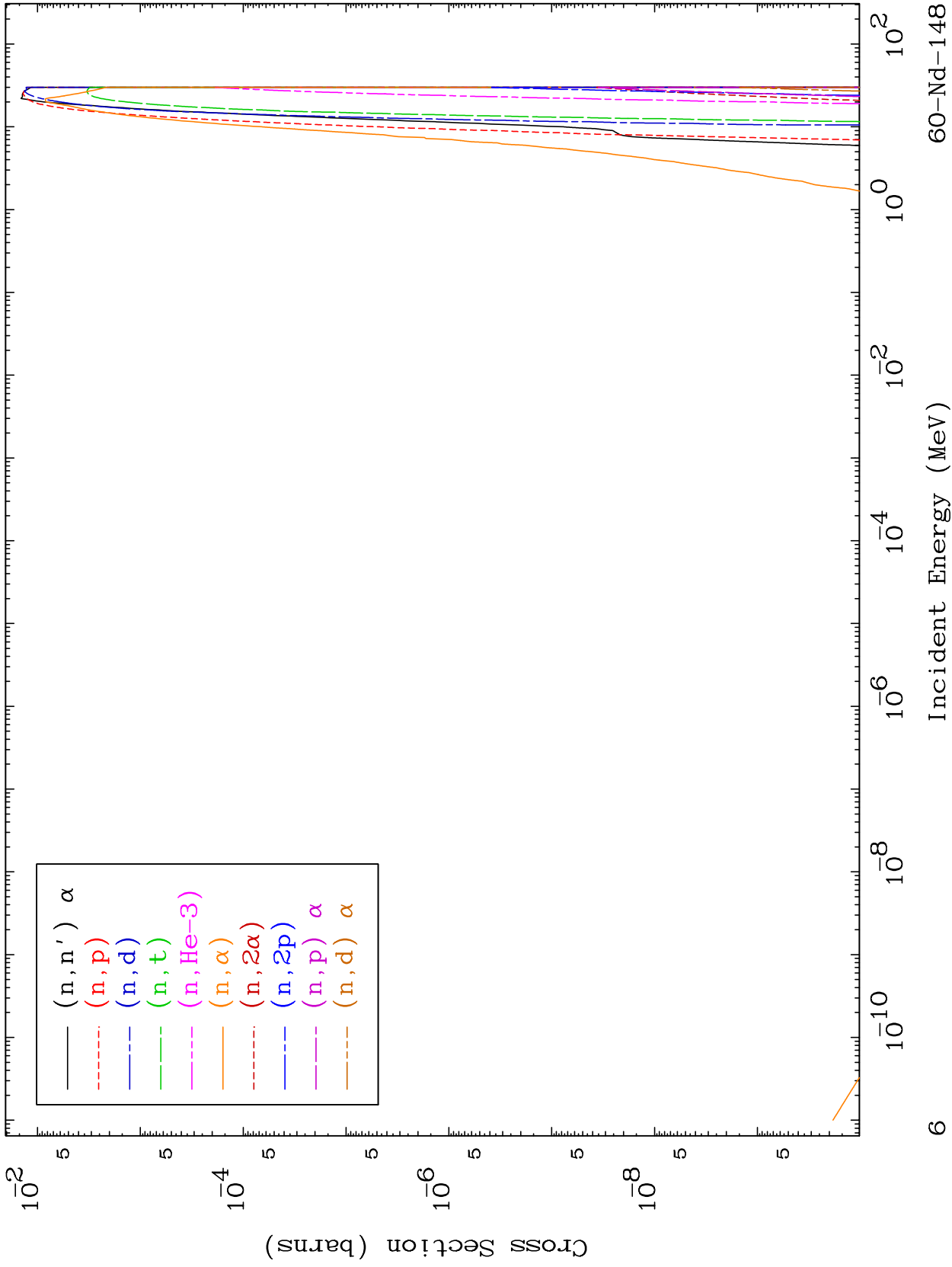


5

MAT 6043

Charged Particle
293 Kelvin Cross Sections

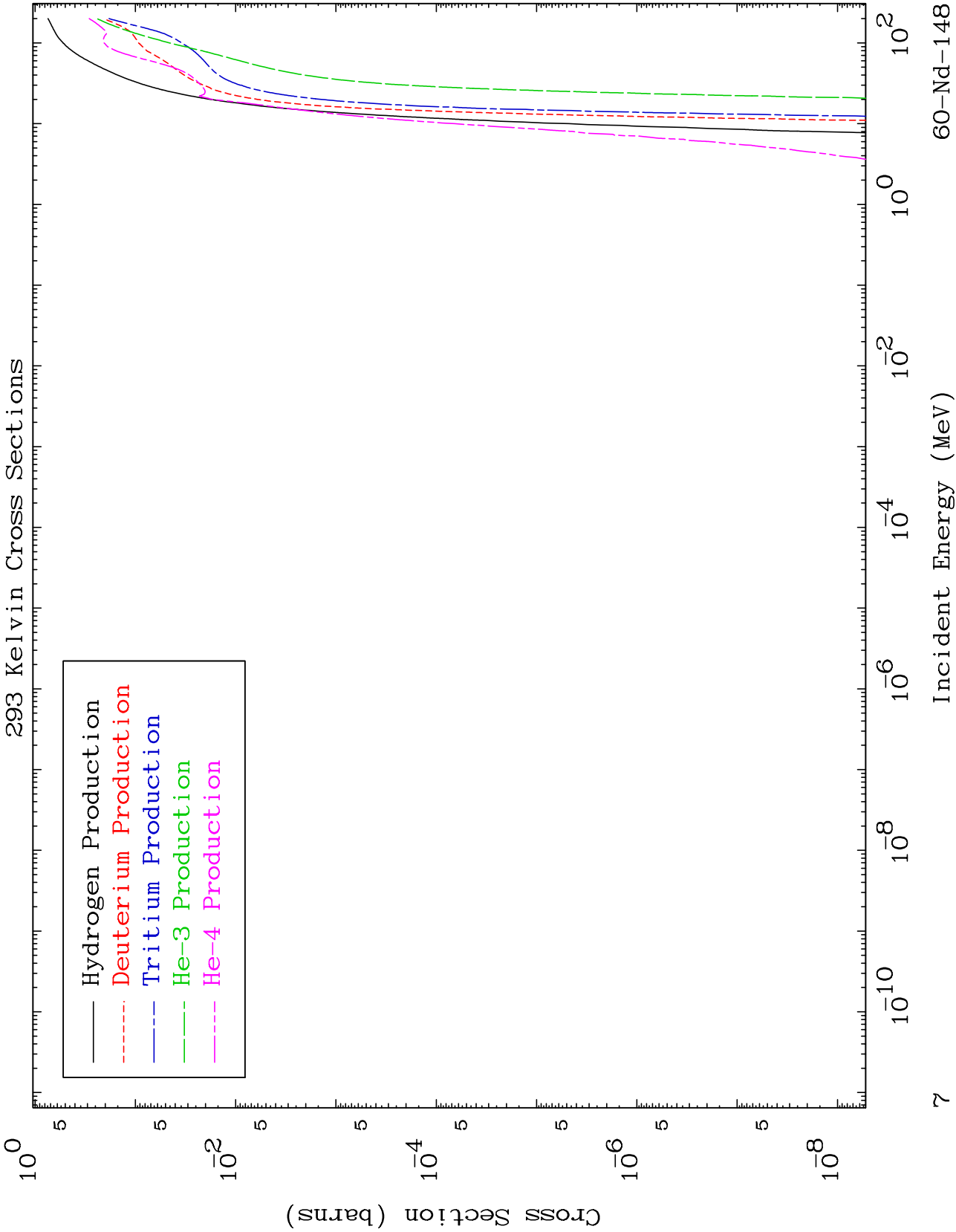
60-Nd-148



MAT 6043

Particle Production
293 Kelvin Cross Sections

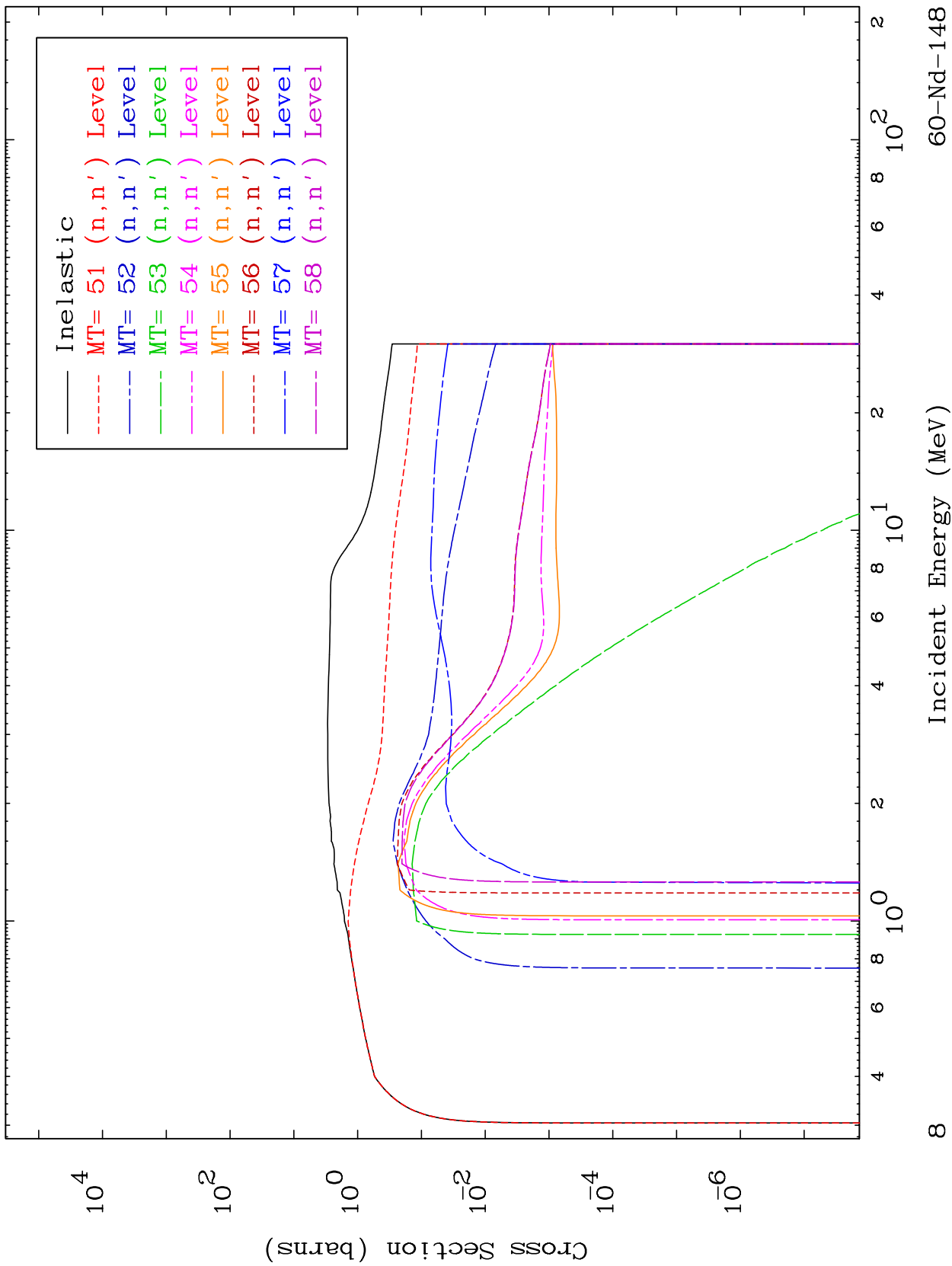
60-Nd-148



MAT 6043

(n,n') Levels
293 Kelvin Cross Sections

60-Nd-148



8

Incident Energy (MeV)

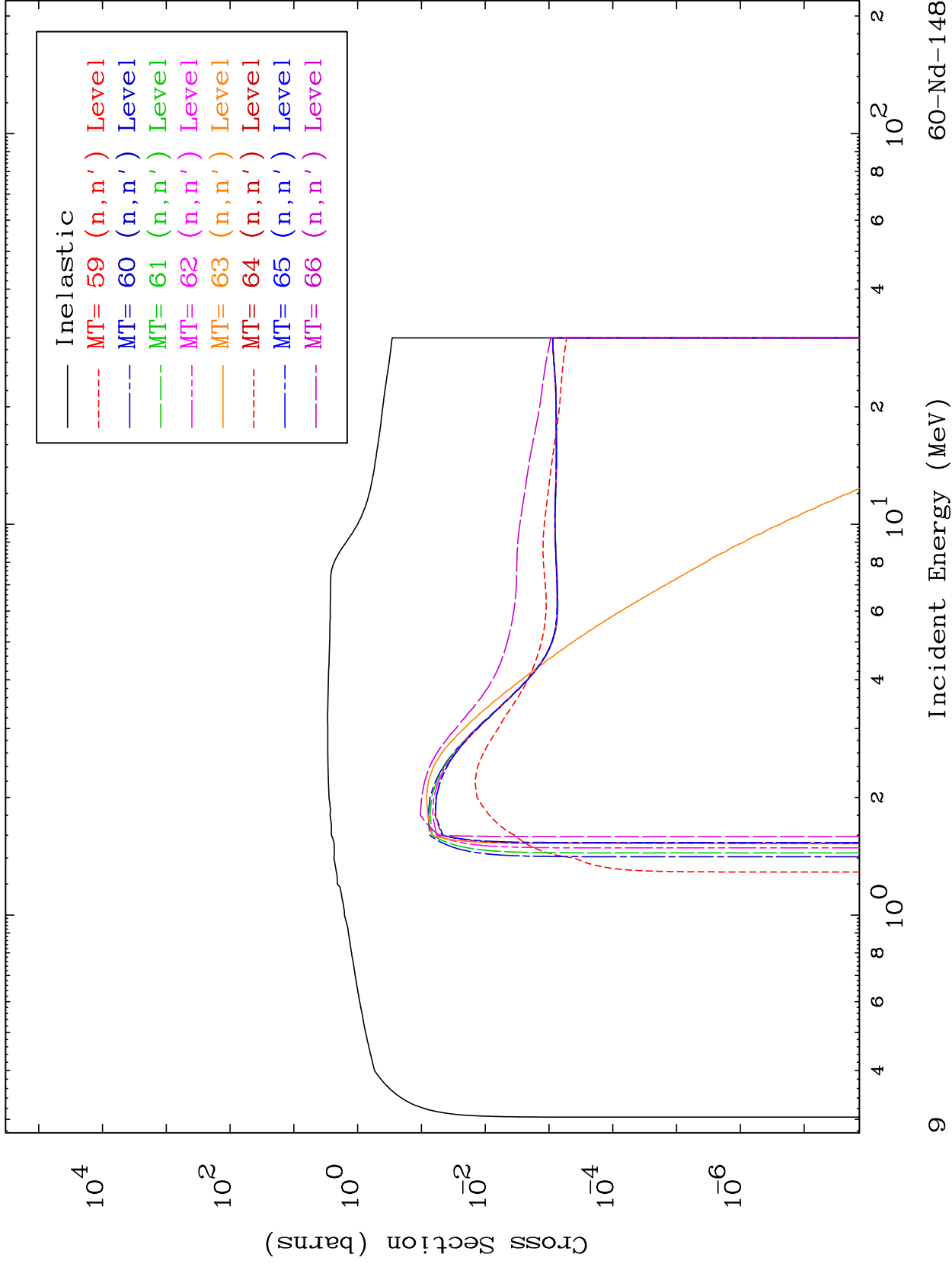
60-Nd-148

MAT 6043

(n,n') Levels

60-Nd-148

293 Kelvin Cross Sections

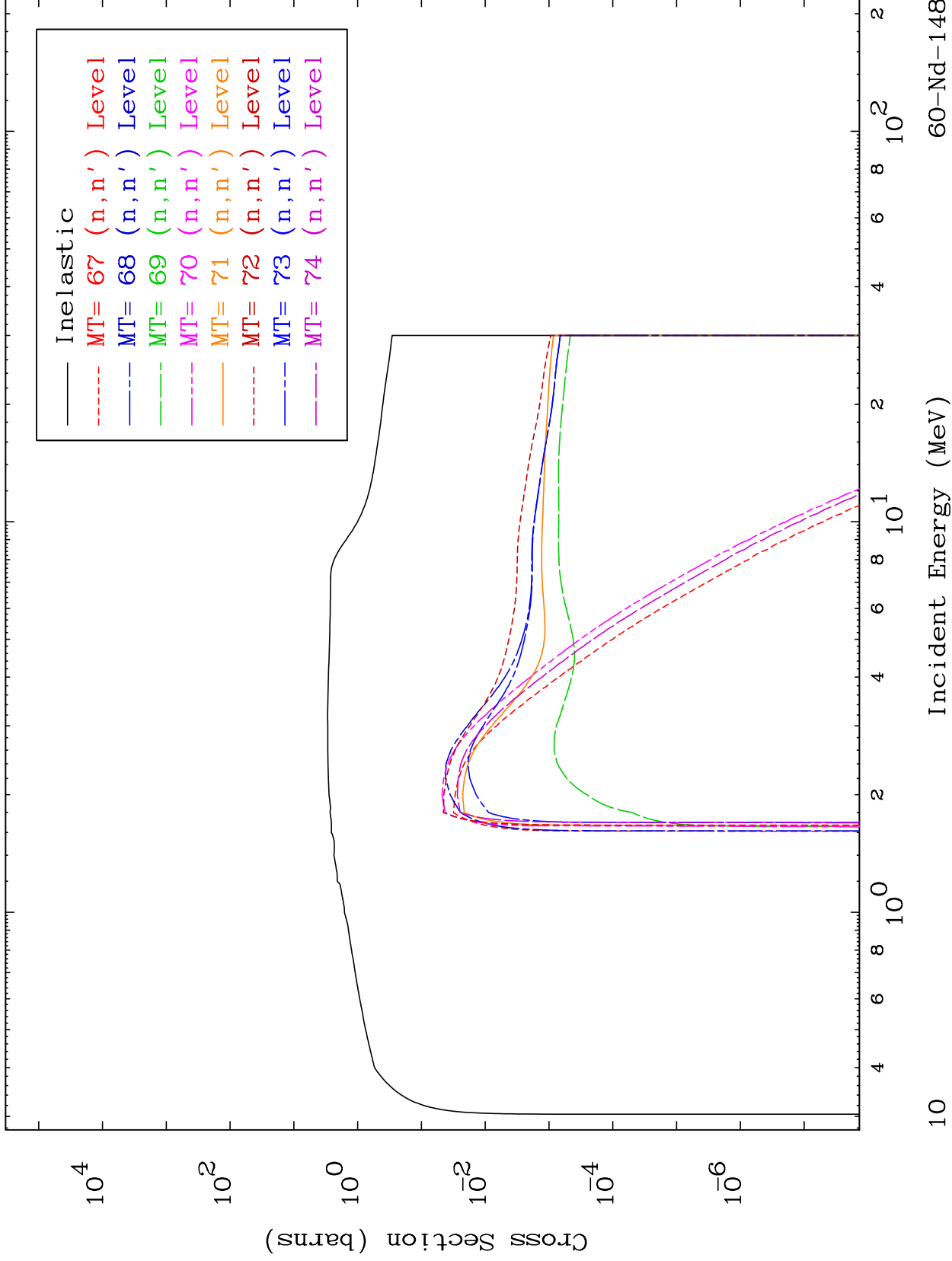


MAT 6043

(n,n') Levels

60-Nd-148

293 Kelvin Cross Sections



10

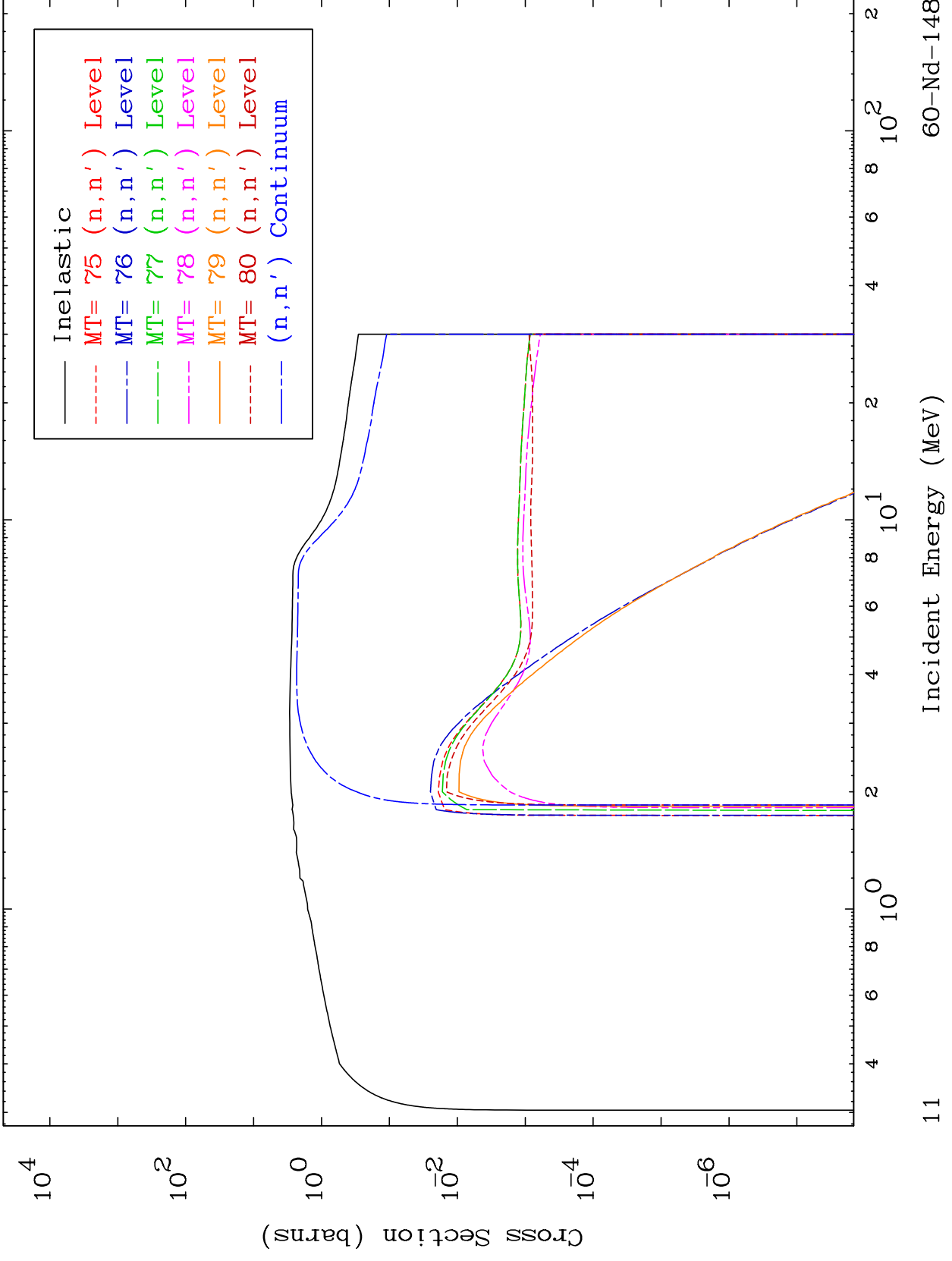
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,n') Levels
293 Kelvin Cross Sections

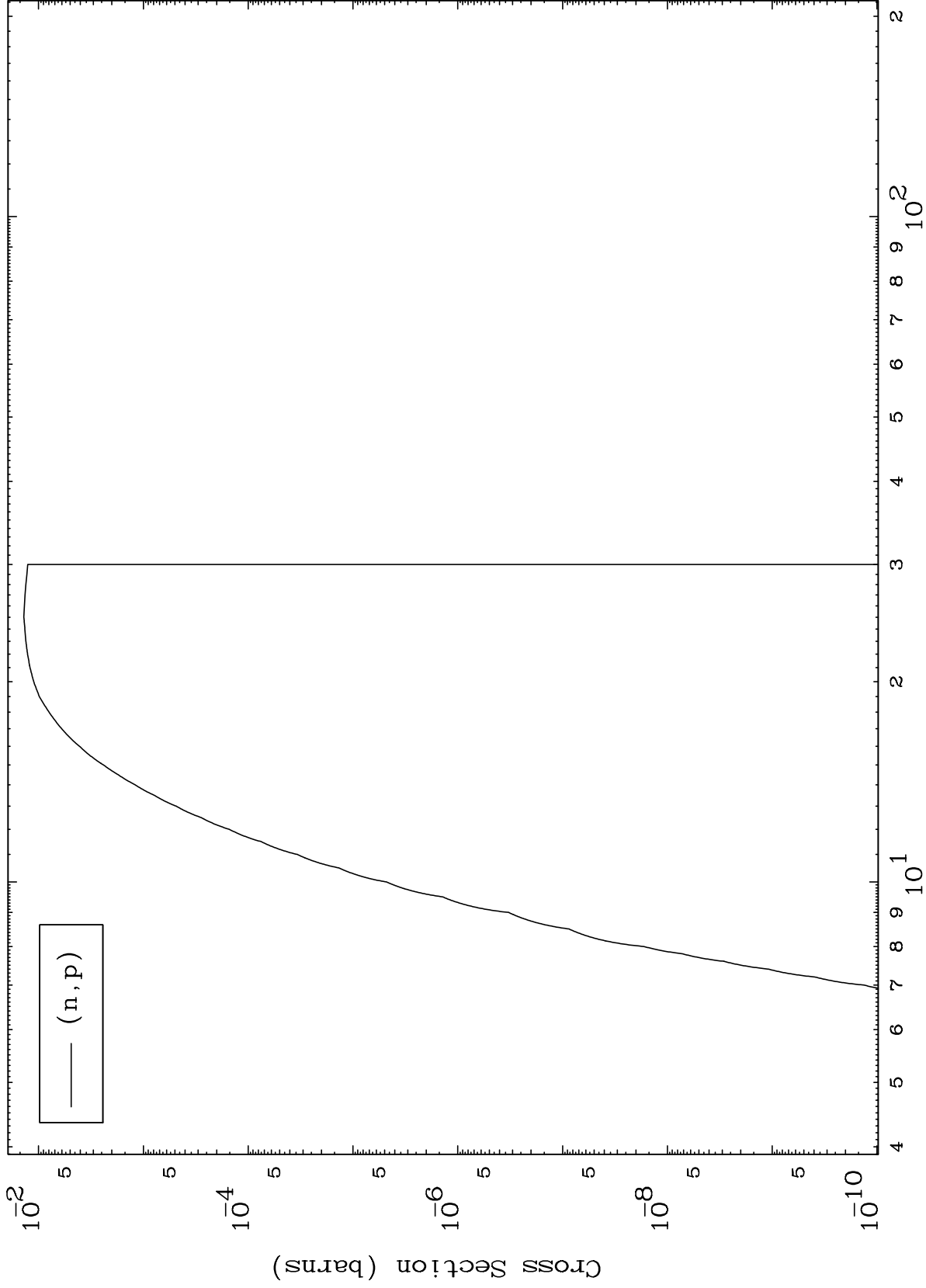
60-Nd-148



MAT 6043

(n,p) Levels
293 Kelvin Cross Sections

60-Nd-148



12

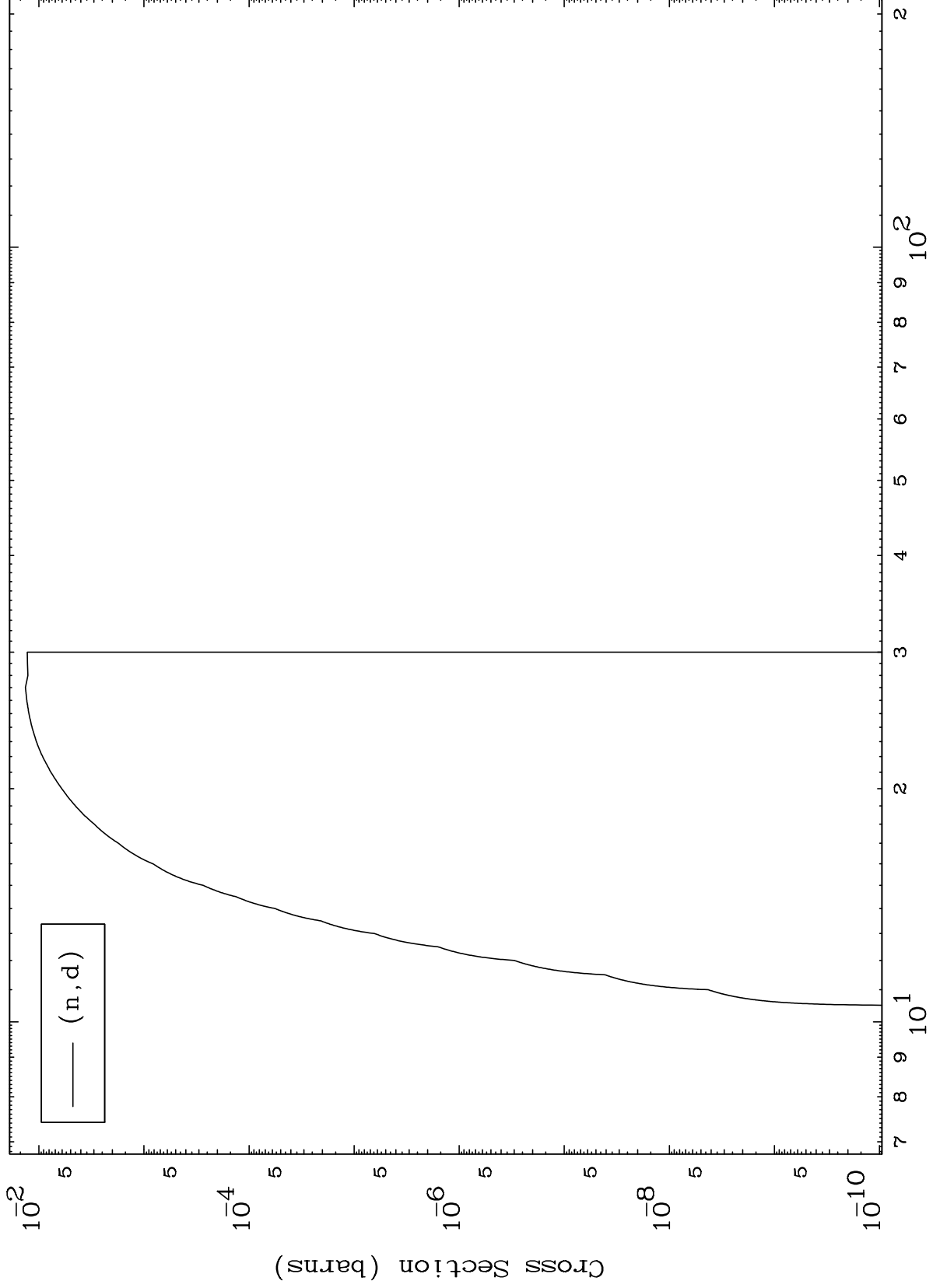
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-148



13

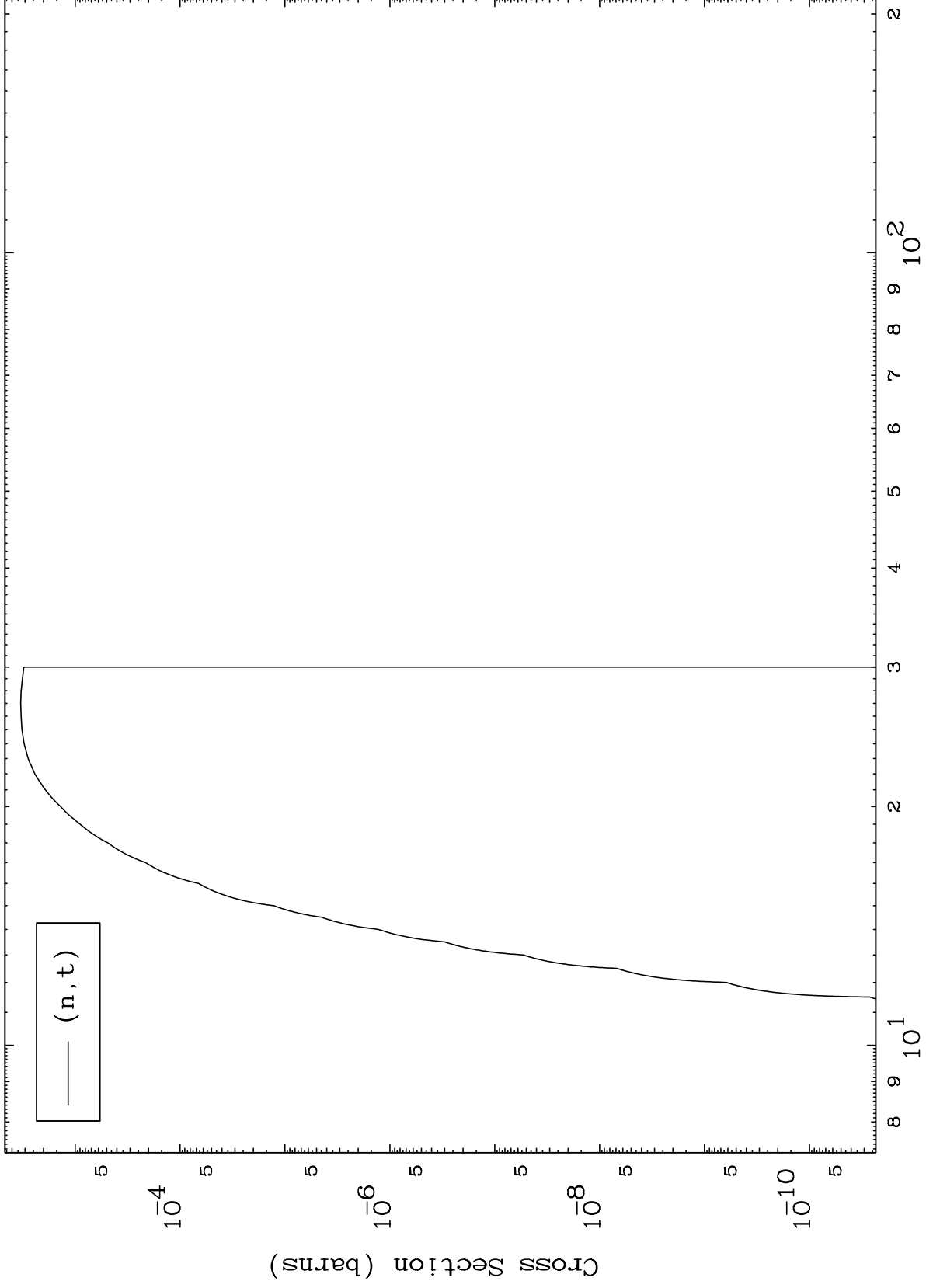
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-148



14

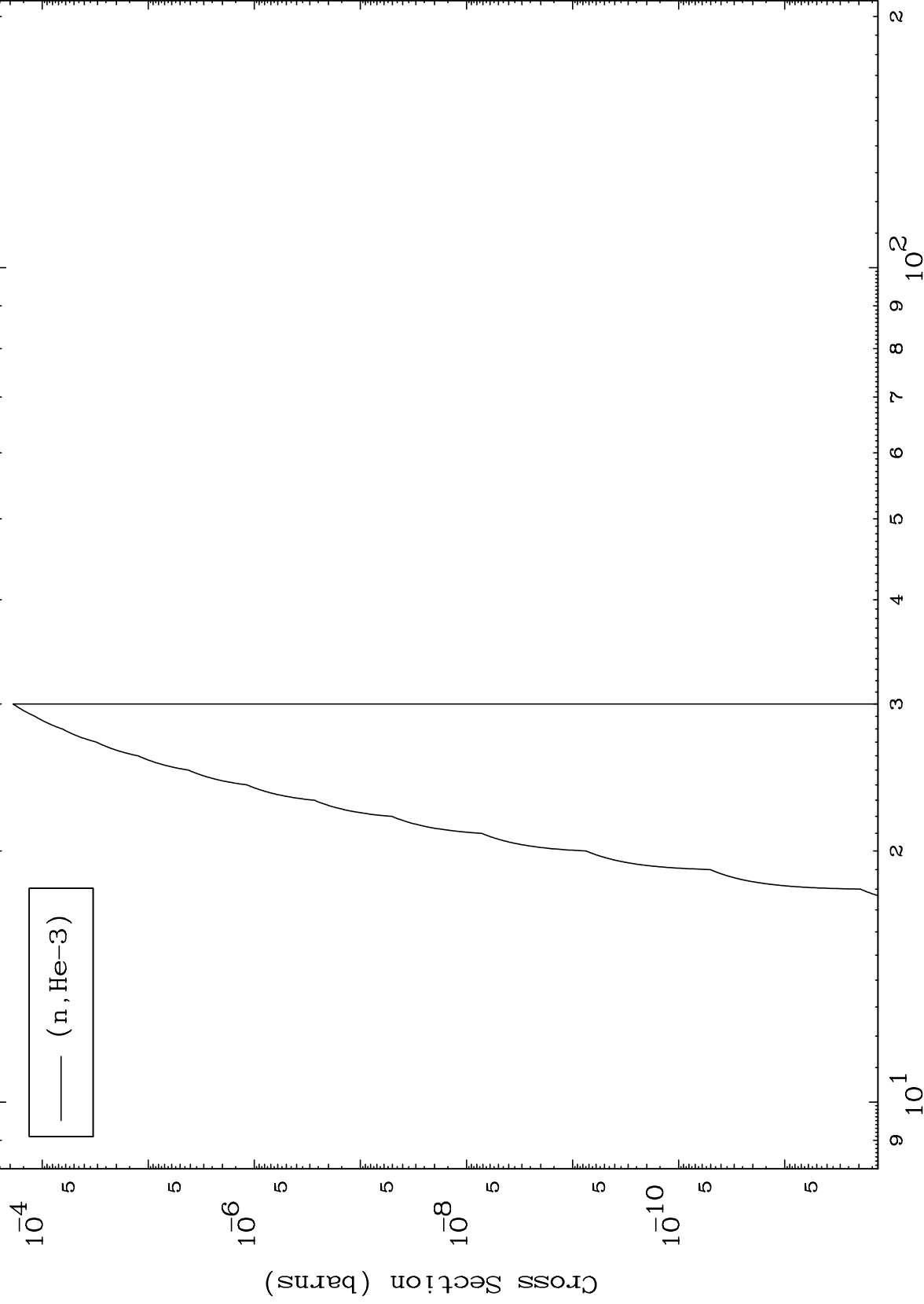
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-148



15

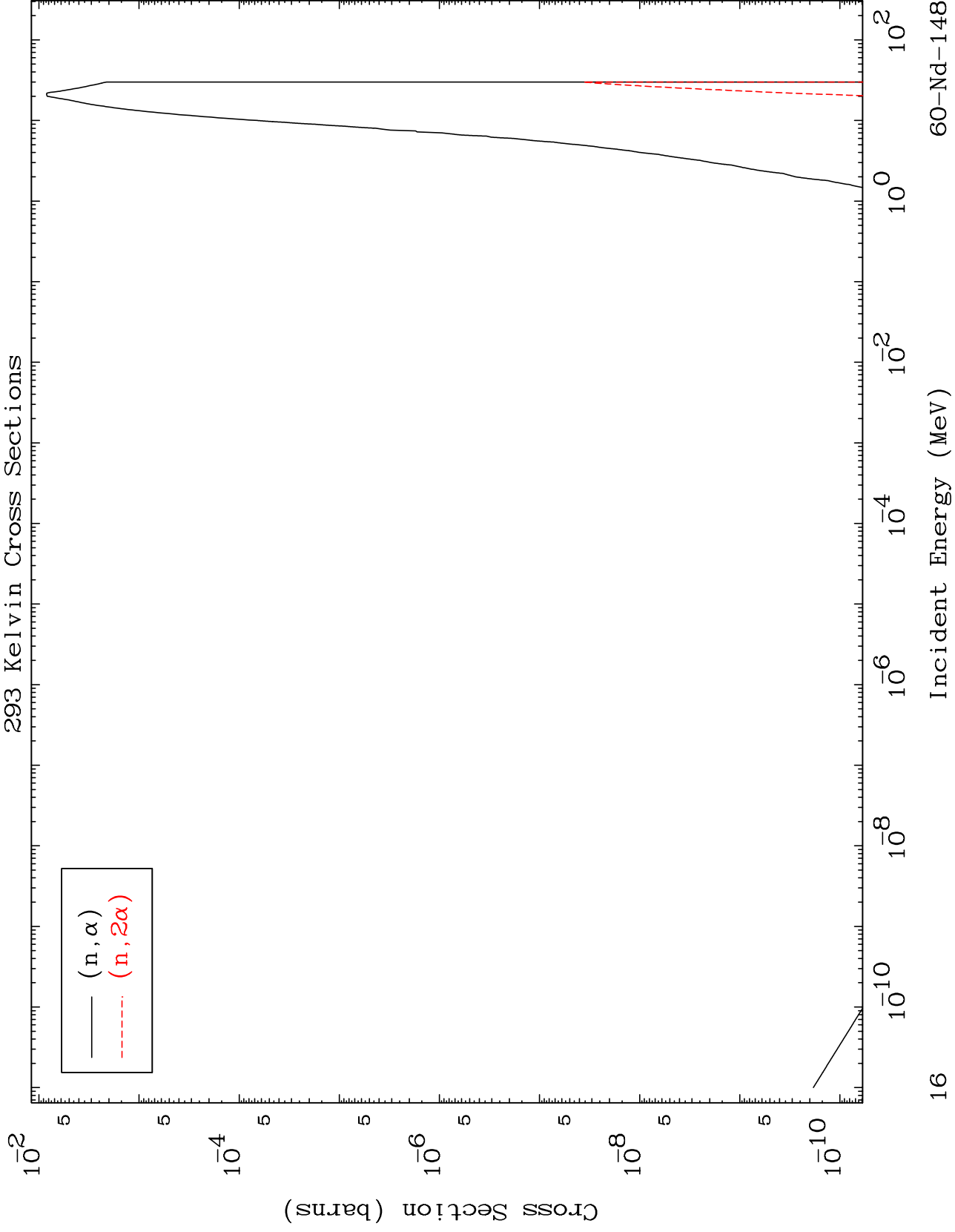
Incident Energy (MeV)

60-Nd-148

MAT 6043

(n, α) Levels
293 Kelvin Cross Sections

60-Nd-148

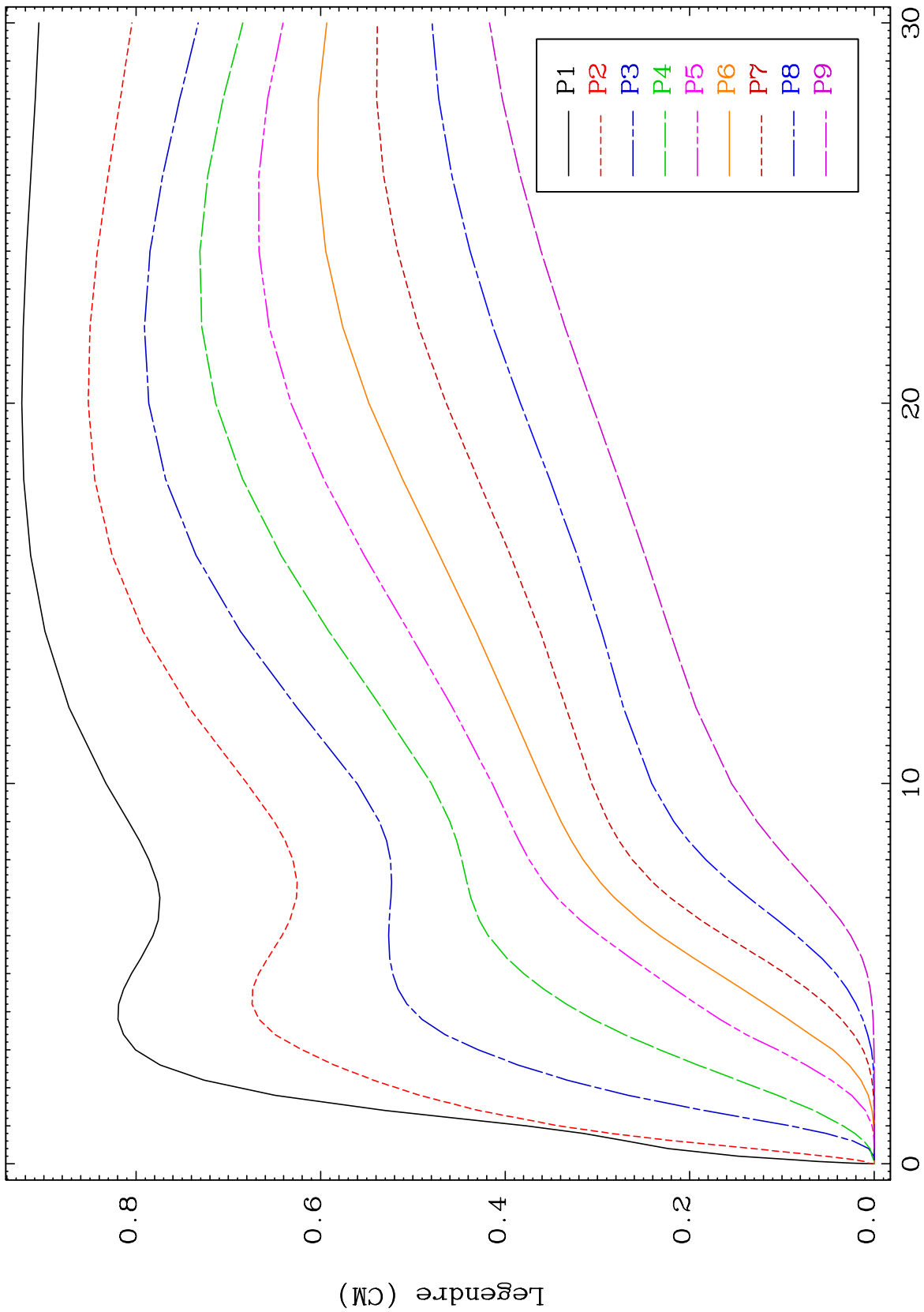


16

MAT 6043

60-Nd-148

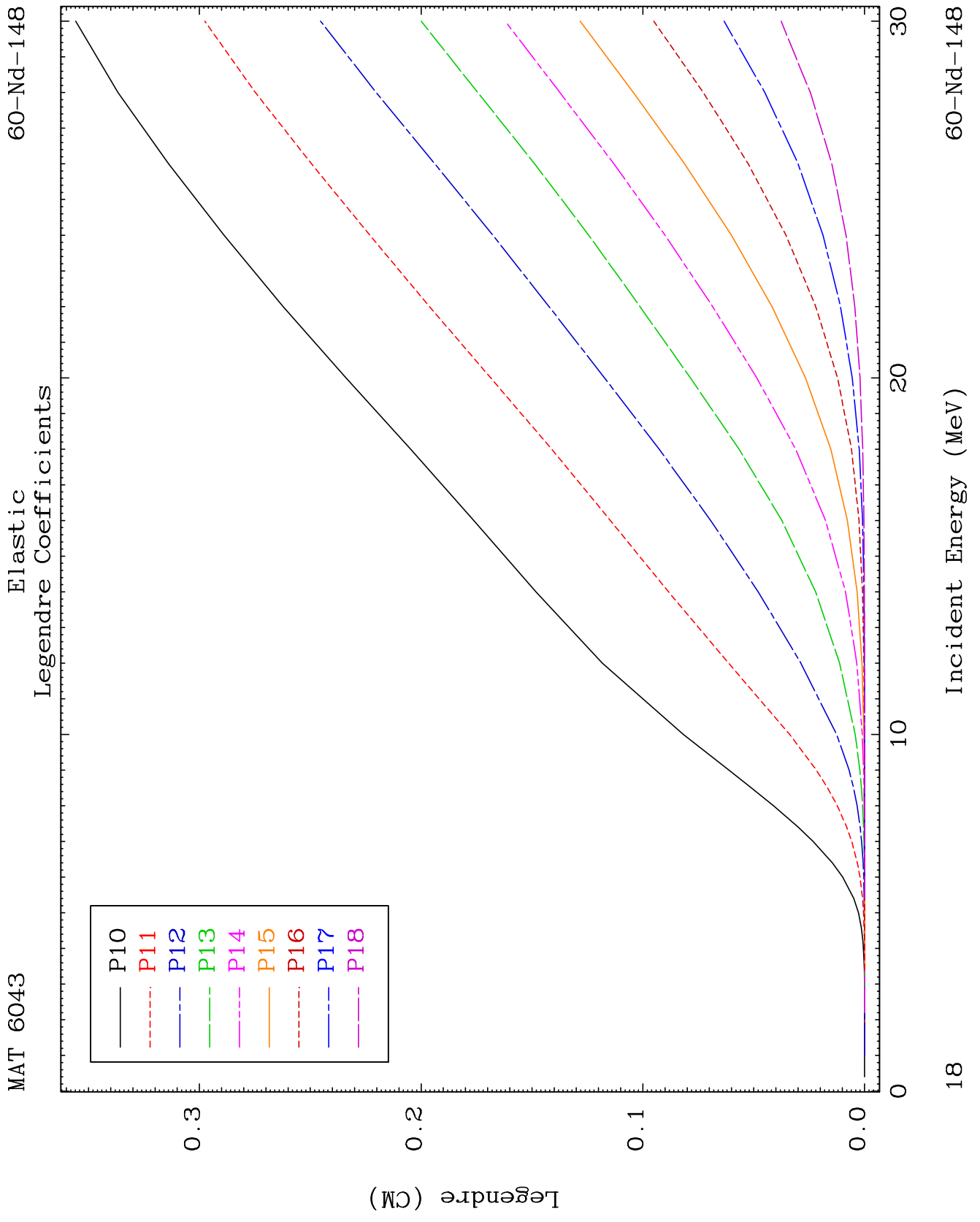
Elastic Legendre Coefficients



17

Incident Energy (MeV)

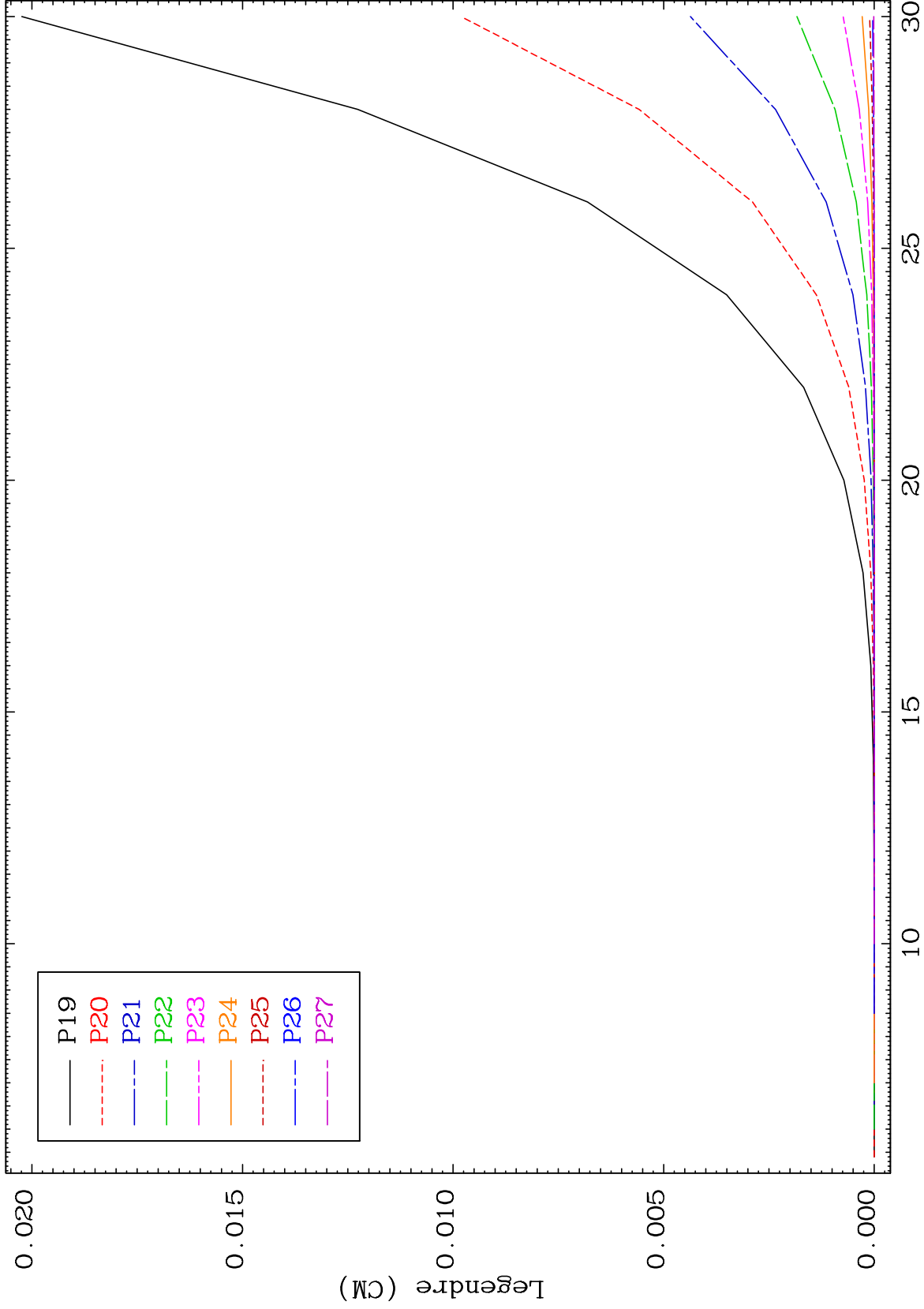
60-Nd-148



MAT 6043

Elastic
Legendre Coefficients

60-Nd-148



19

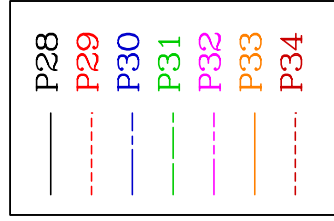
Incident Energy (MeV)

60-Nd-148

MAT 6043

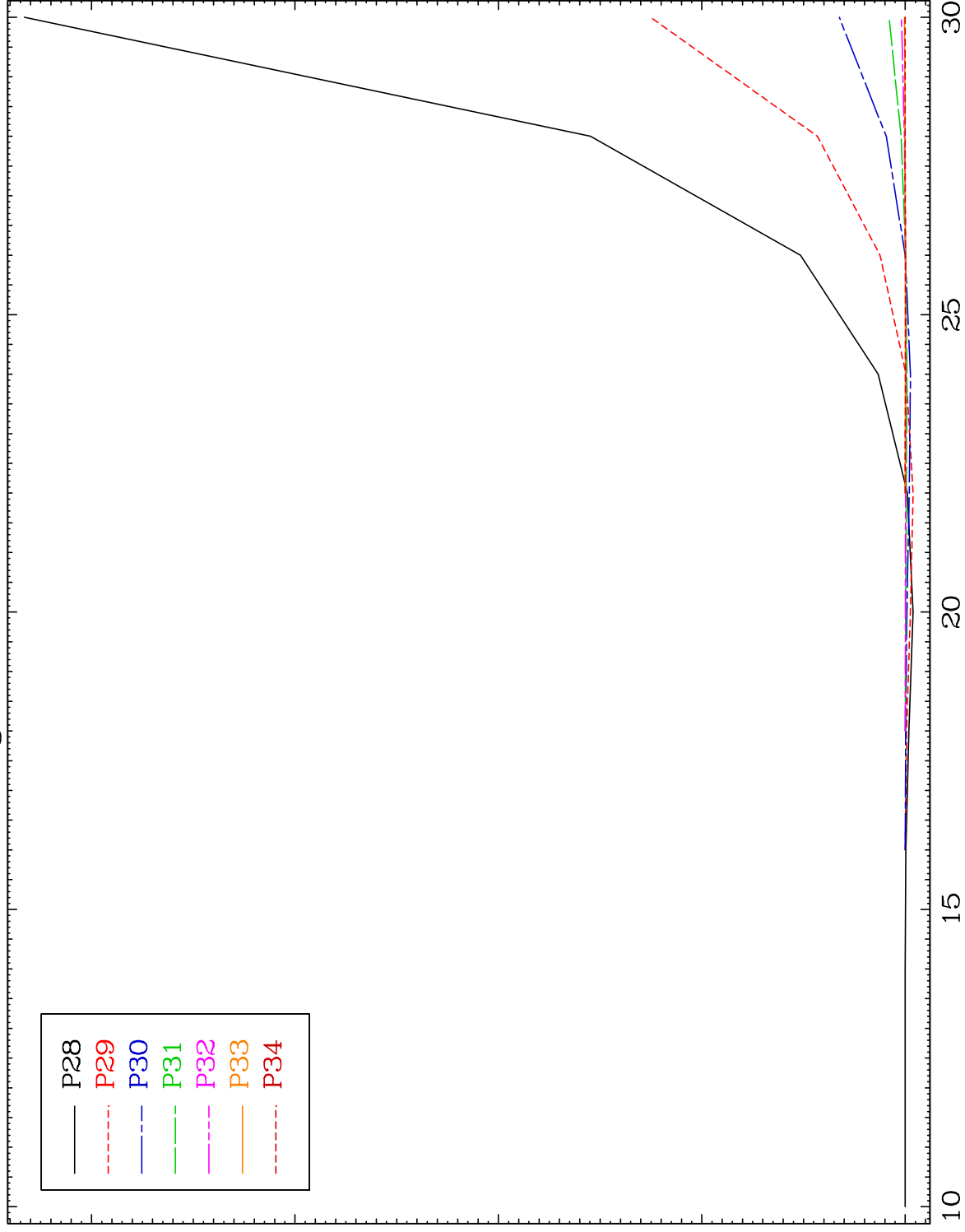
Elastic
Legendre Coefficients

60-Nd-148



$\times 10^{-6}$

Legendre (CM)



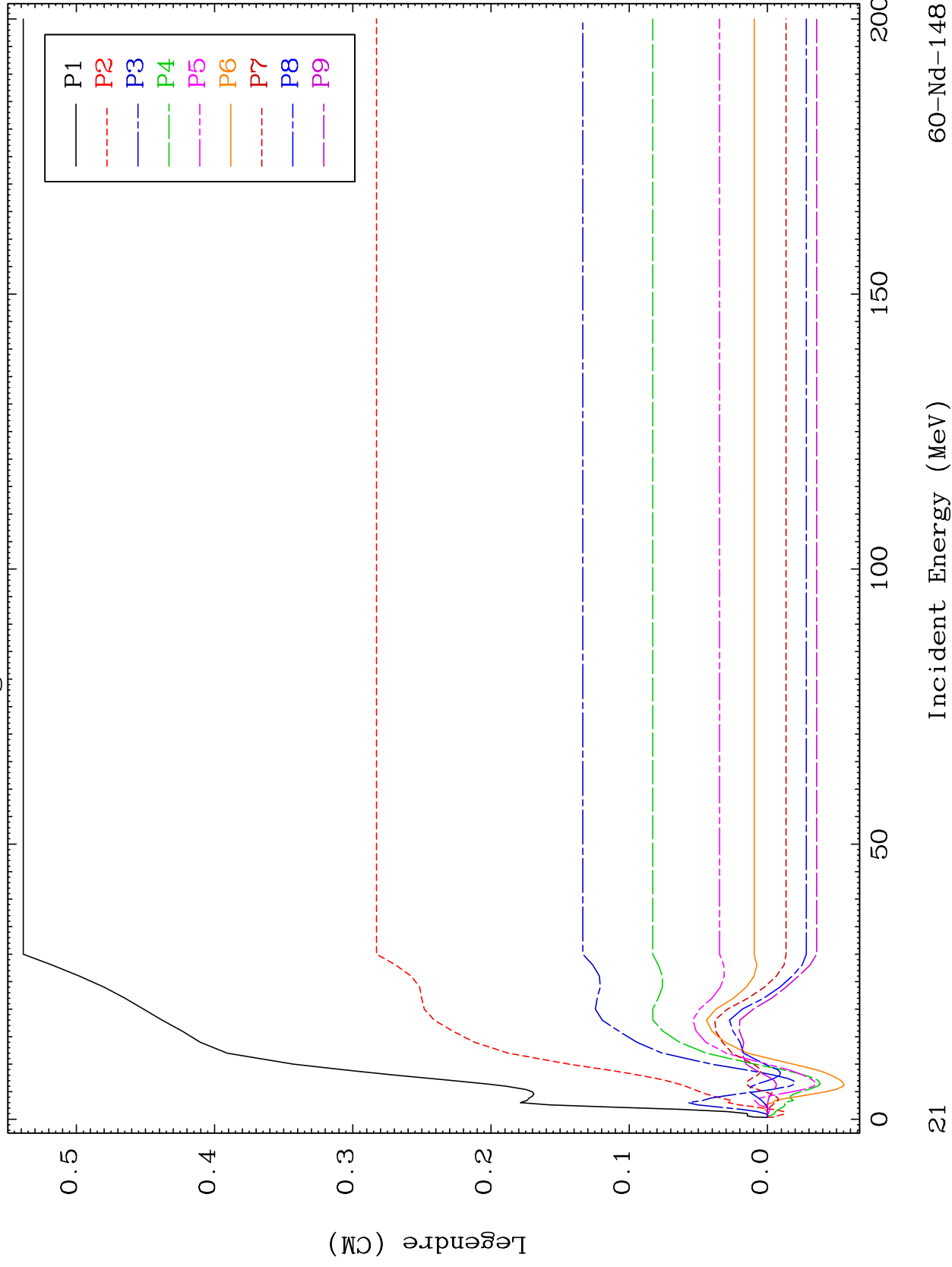
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

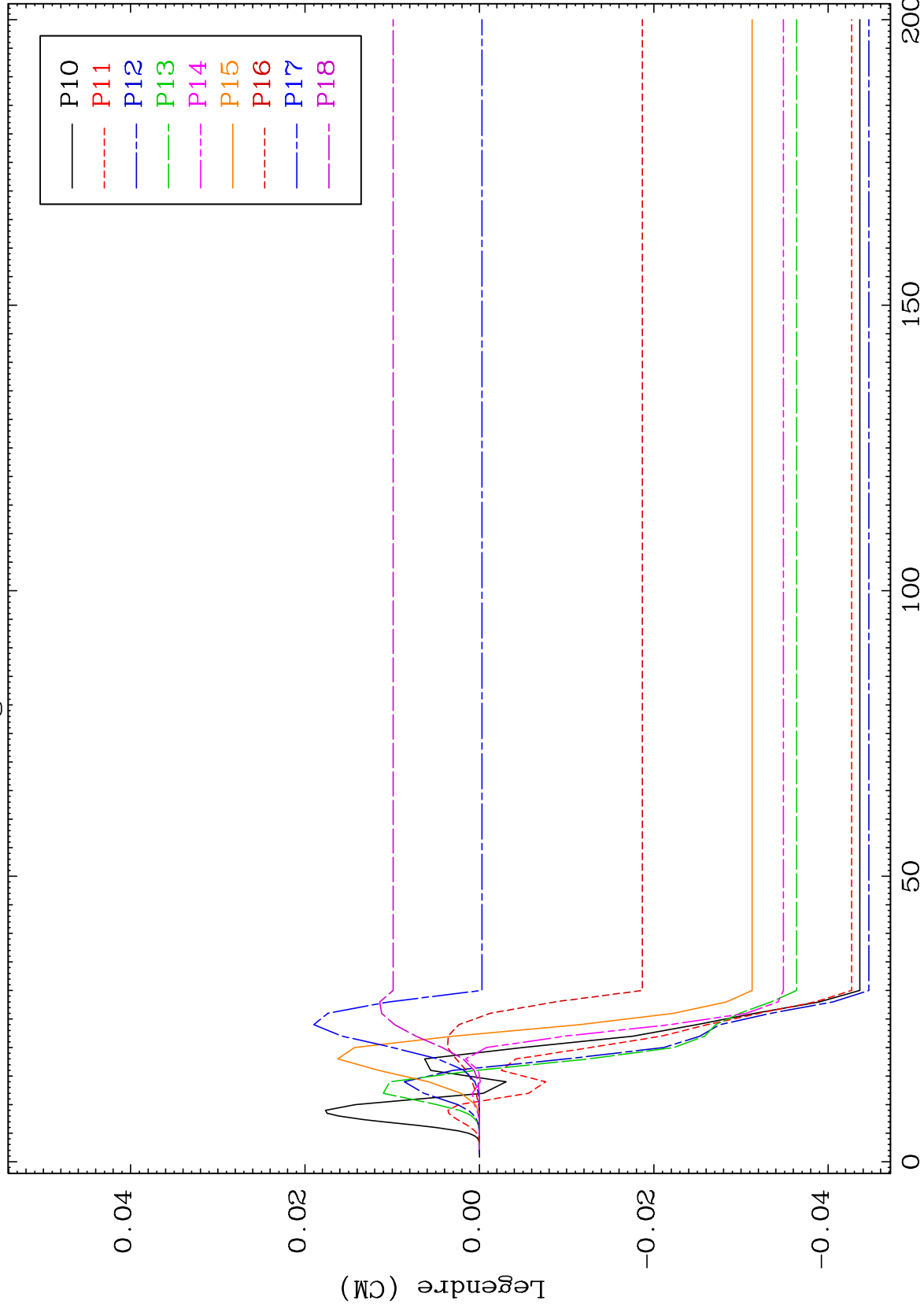
60-Nd-148



MAT 6043

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

60-Nd-148



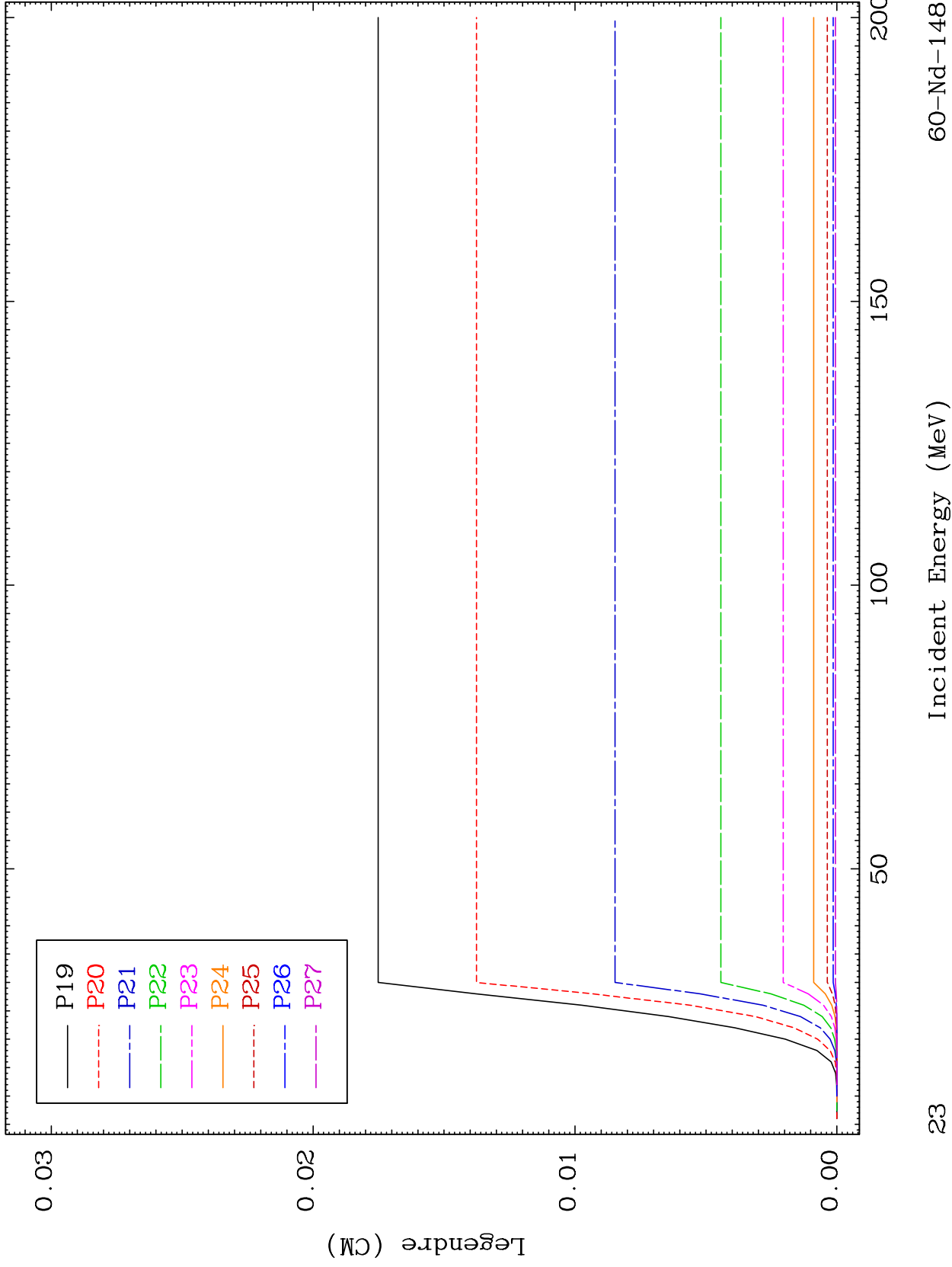
22

60-Nd-148

MAT 6043

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

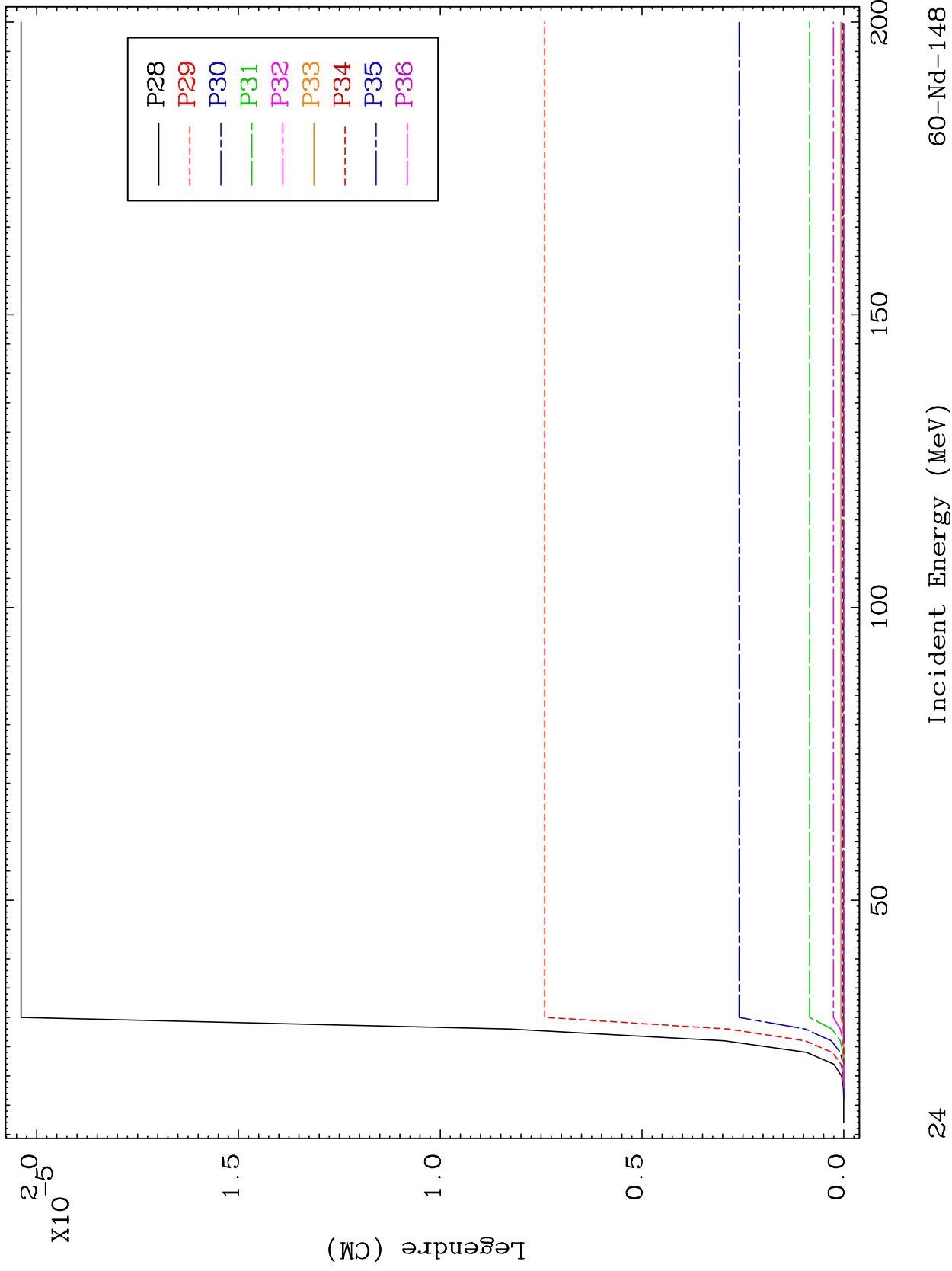
60-Nd-148



MAT 6043

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

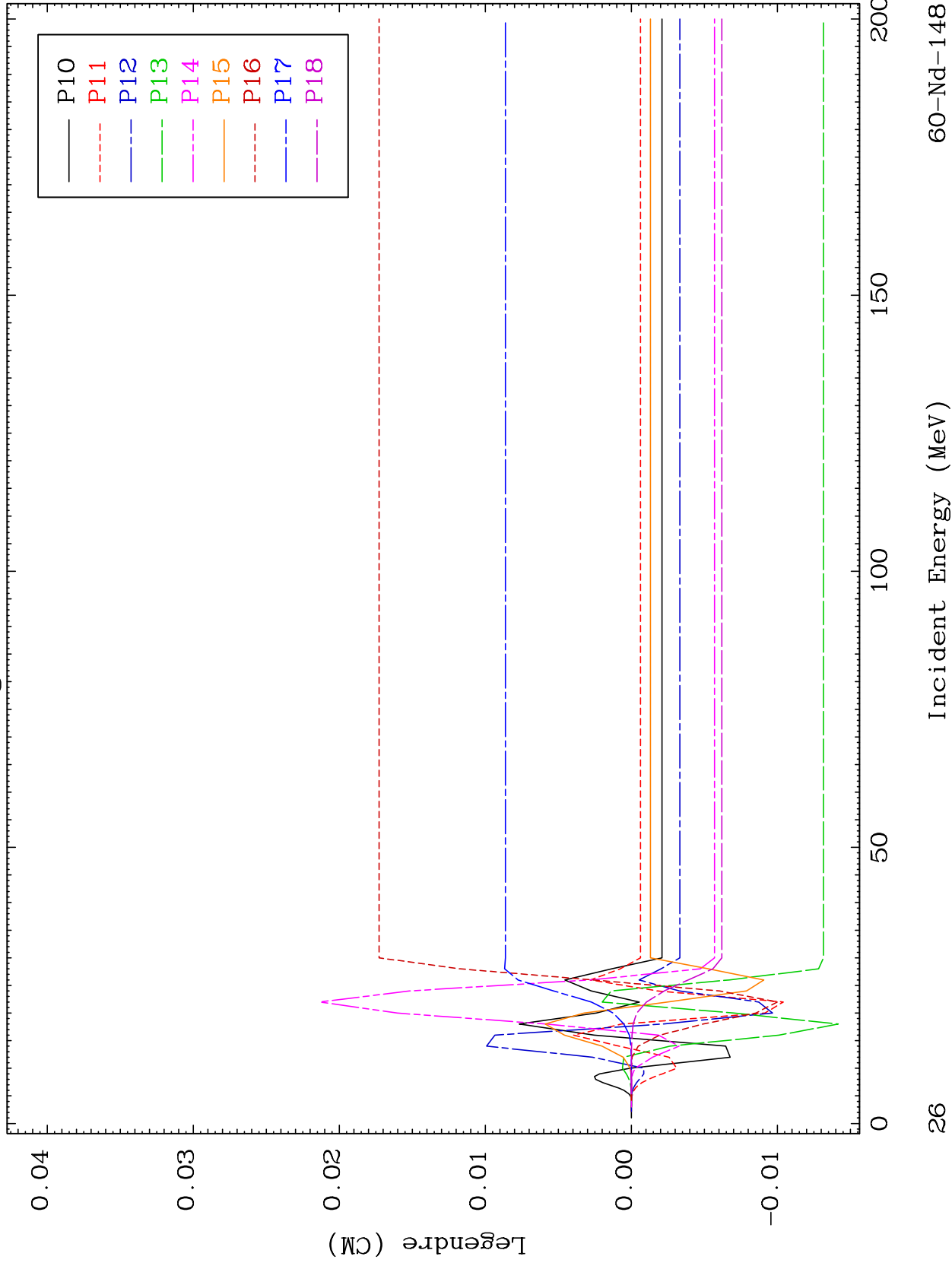
60-Nd-148



MAT 6043

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

60-Nd-148



60-Nd-148

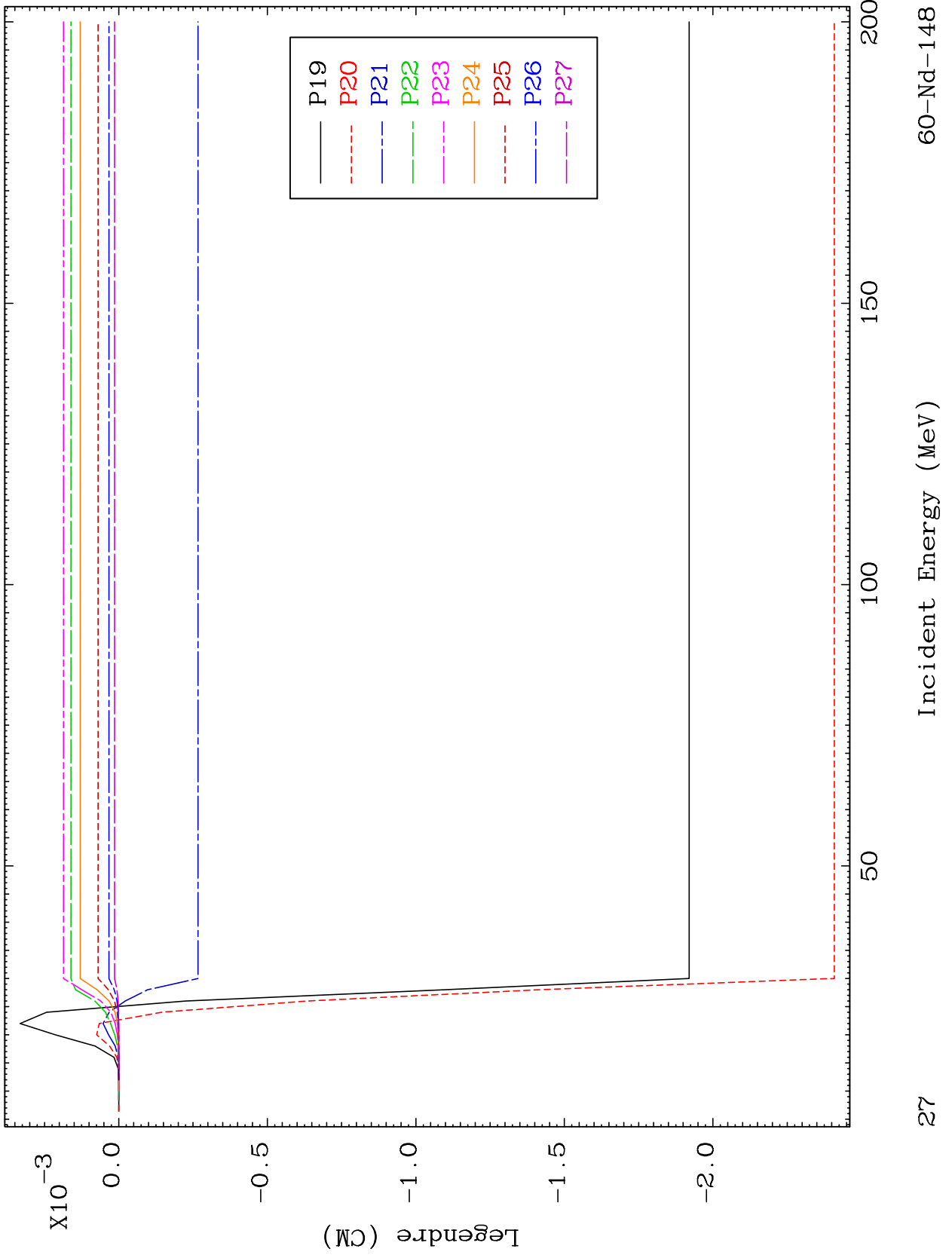
Incident Energy (MeV)

26

MAT 6043

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

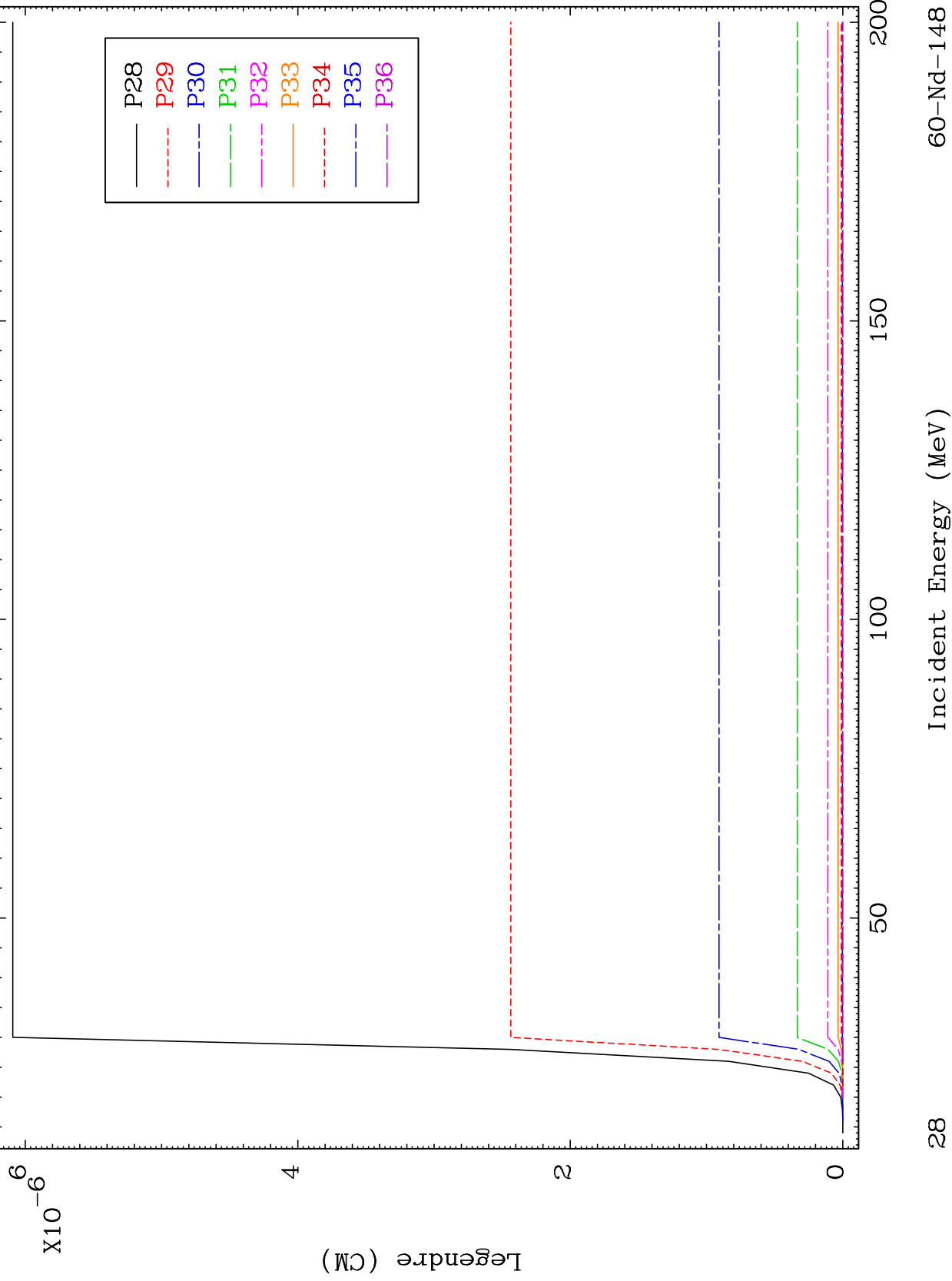
60-Nd-148



MAT 6043

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

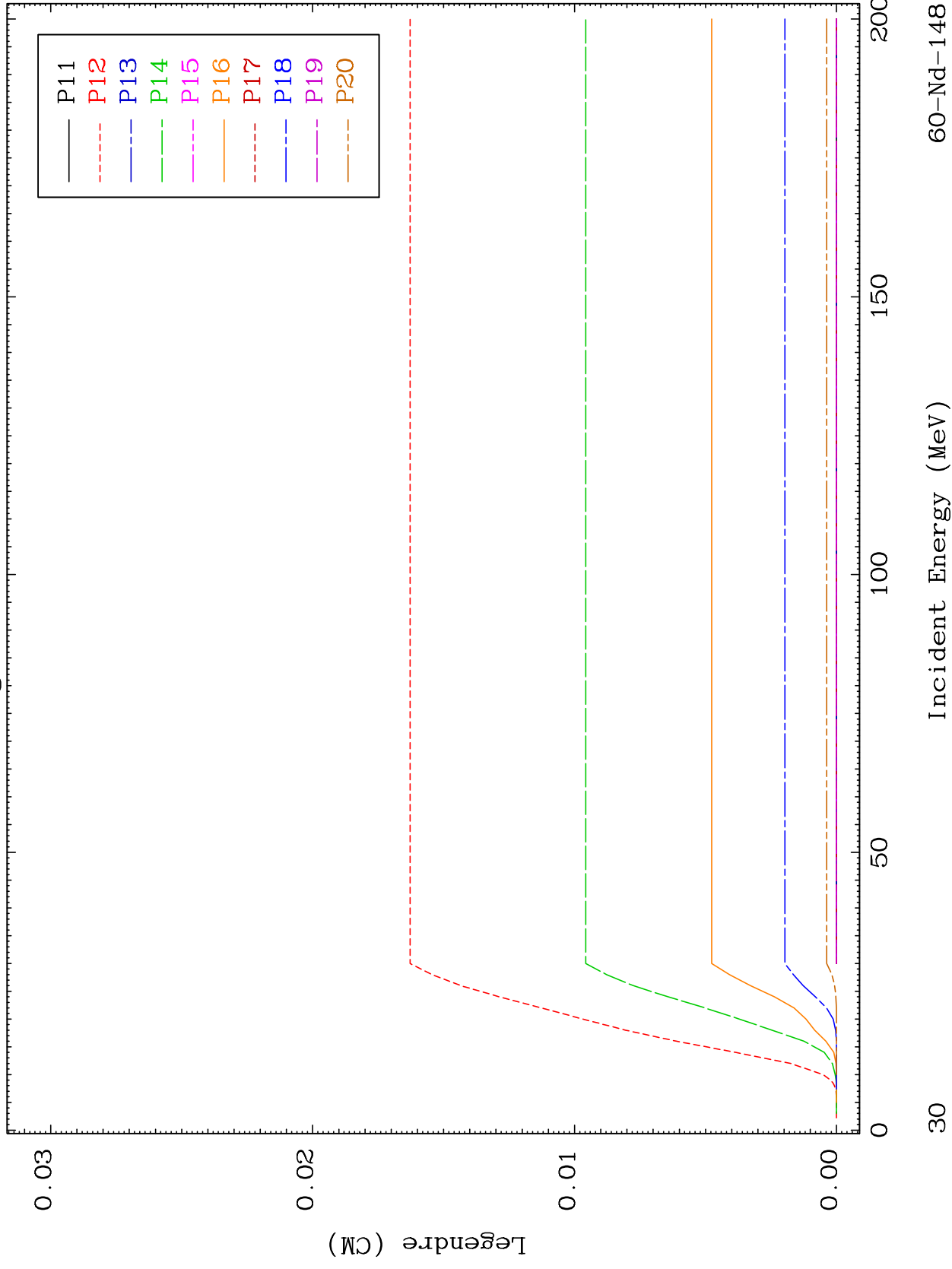
60-Nd-148



MAT 6043

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

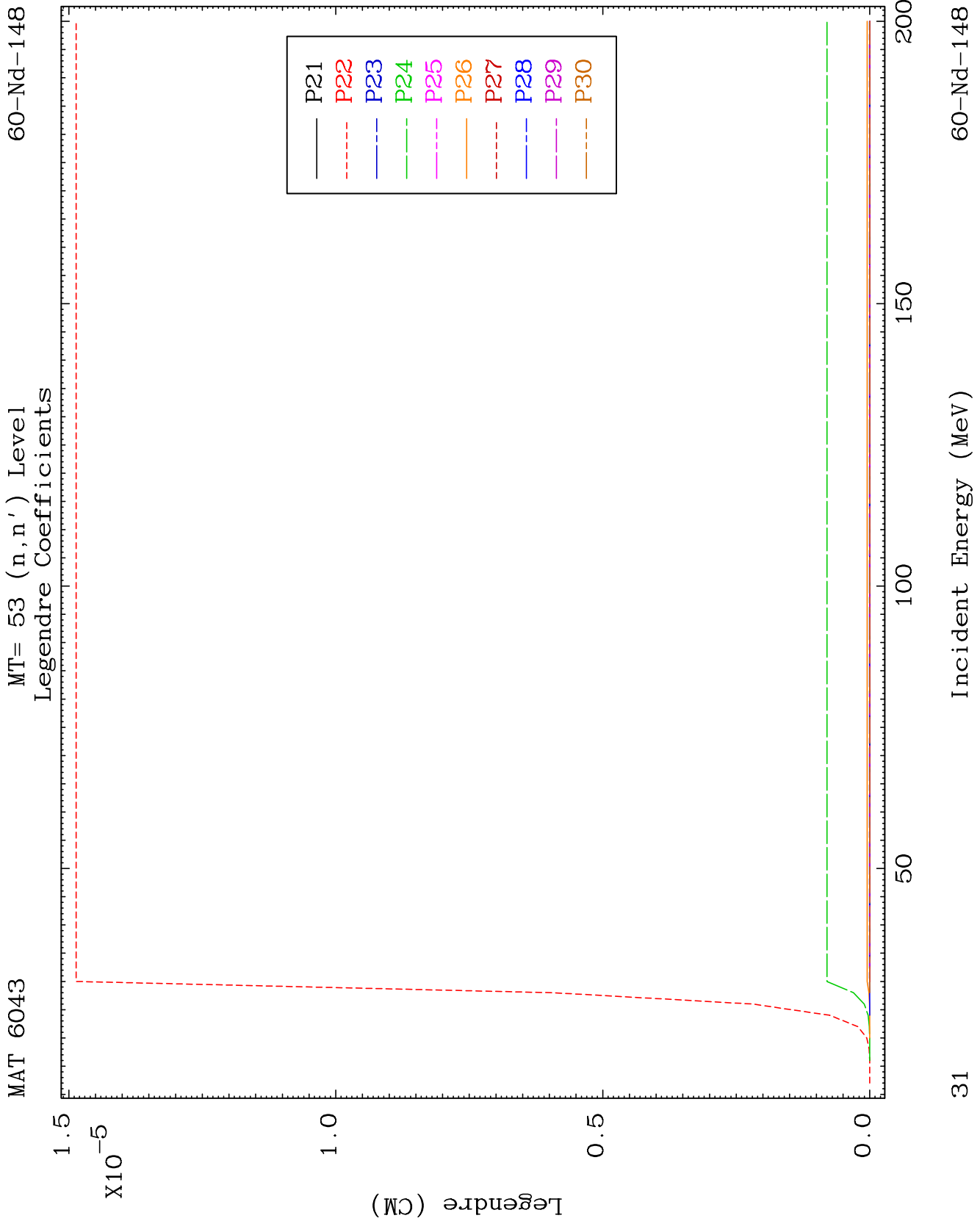
60-Nd-148



60-Nd-148

Incident Energy (MeV)

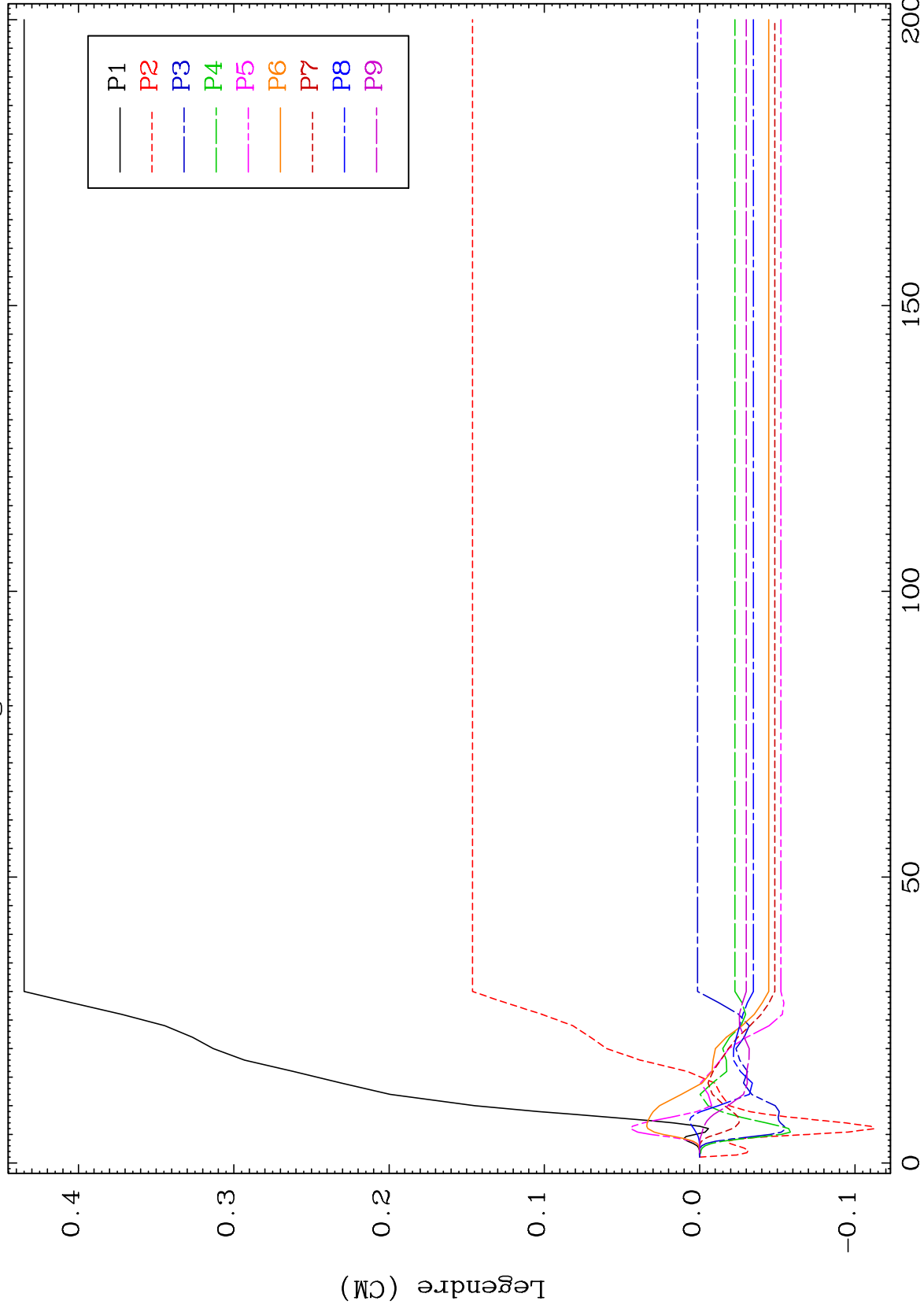
30



MAT 6043

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

60-Nd-148



60-Nd-148

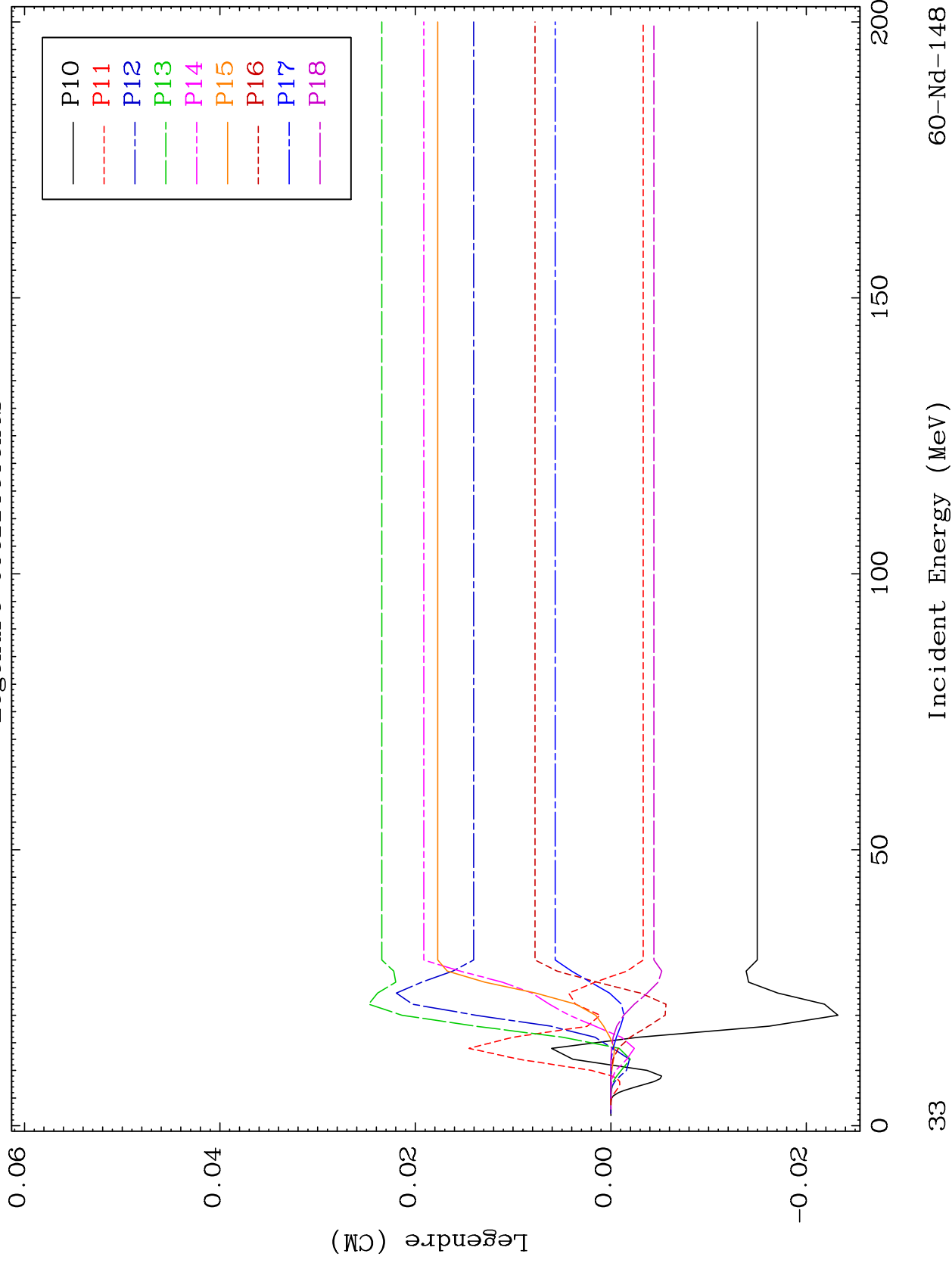
Incident Energy (MeV)

32

MAT 6043

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

60-Nd-148



60-Nd-148

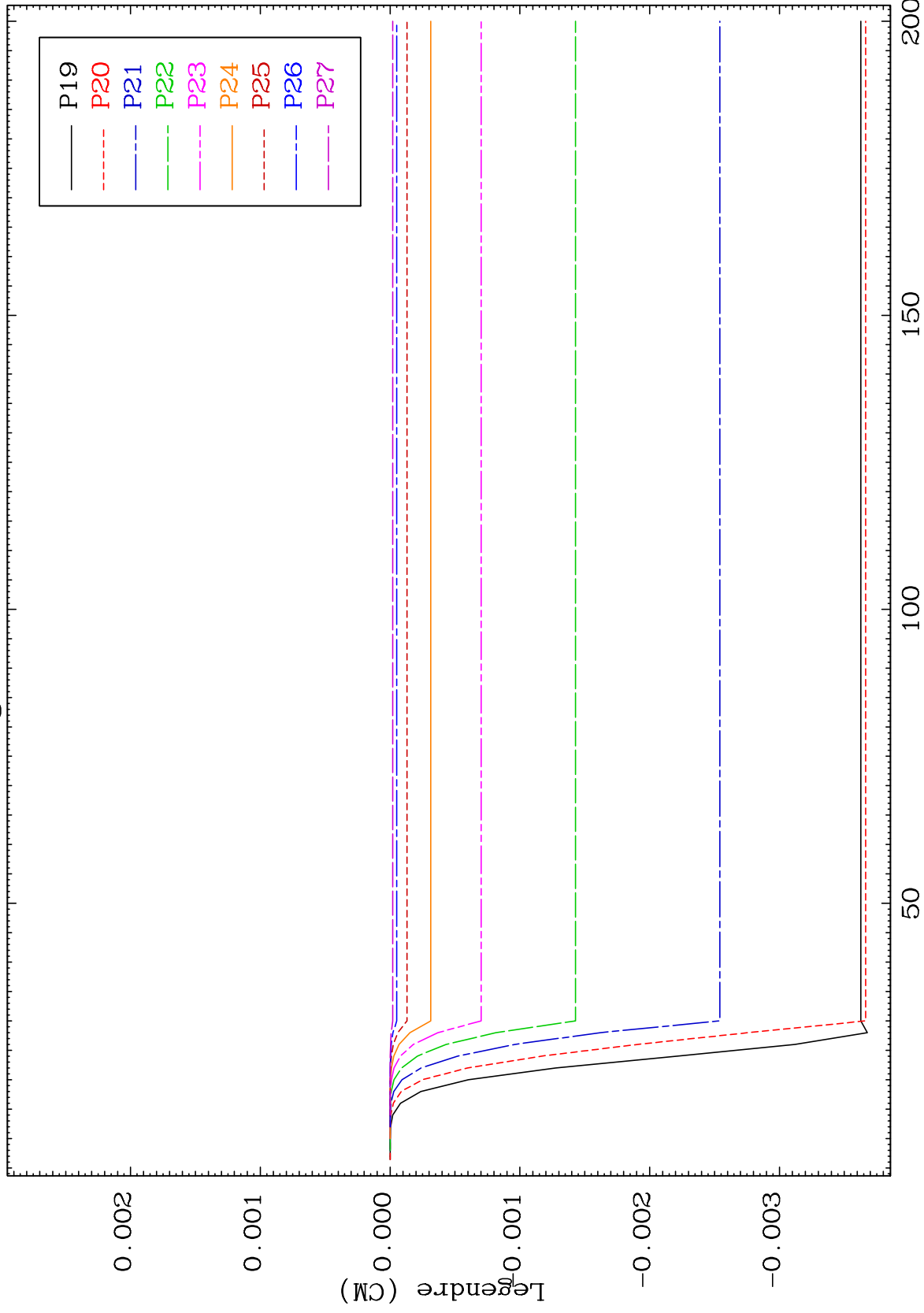
Incident Energy (MeV)

33

MAT 6043

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

60-Nd-148



34

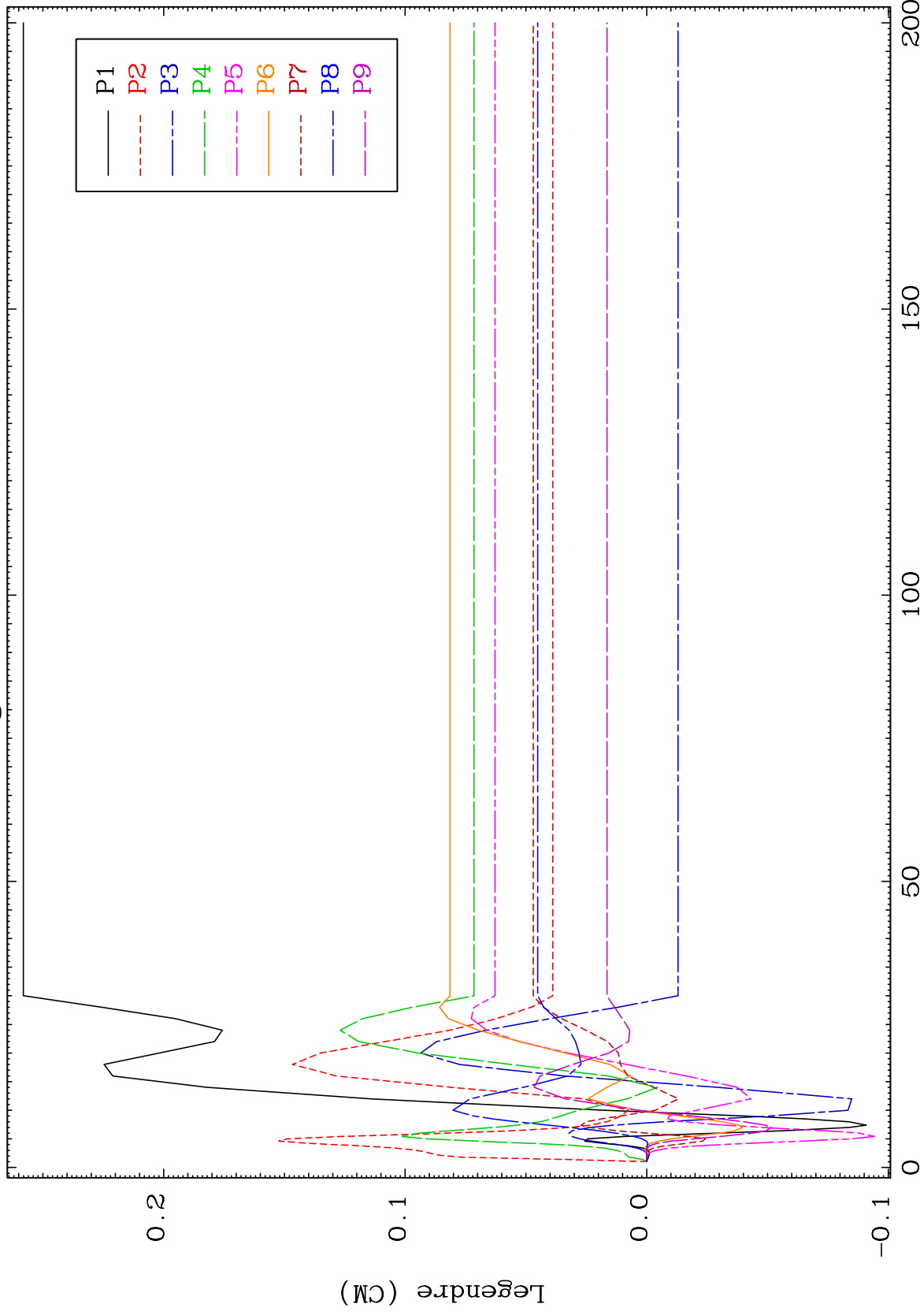
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



36

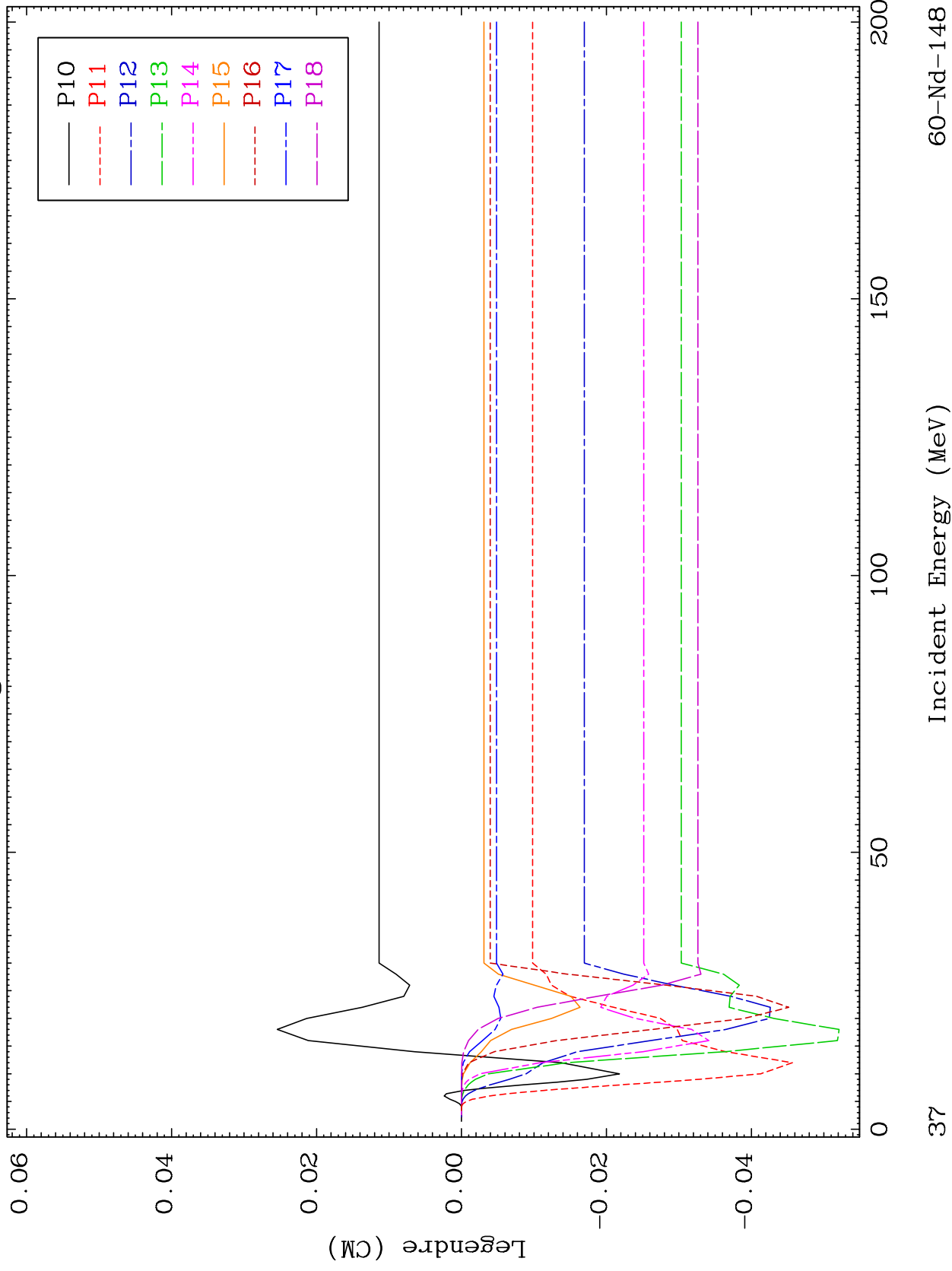
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



37

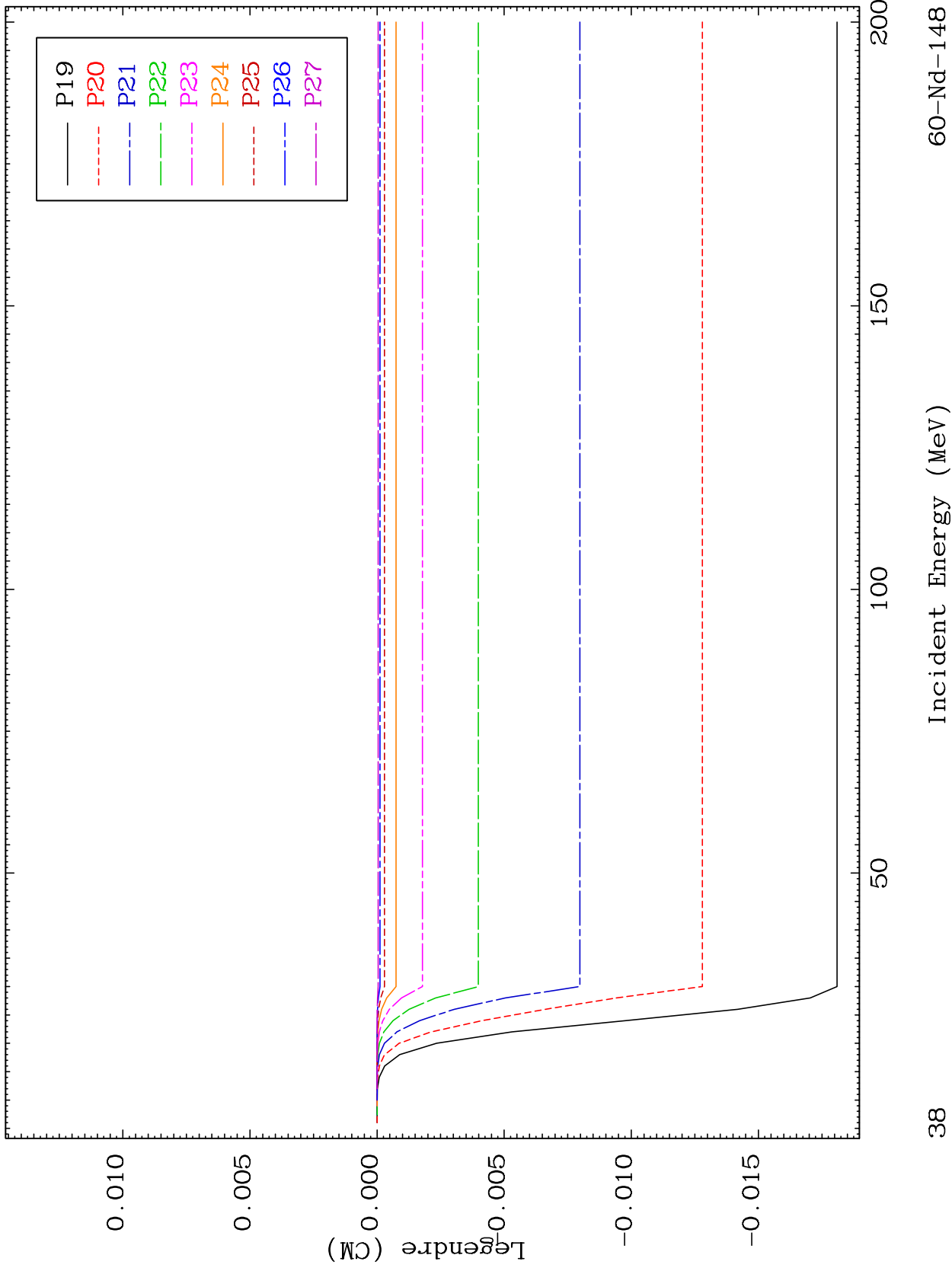
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



38

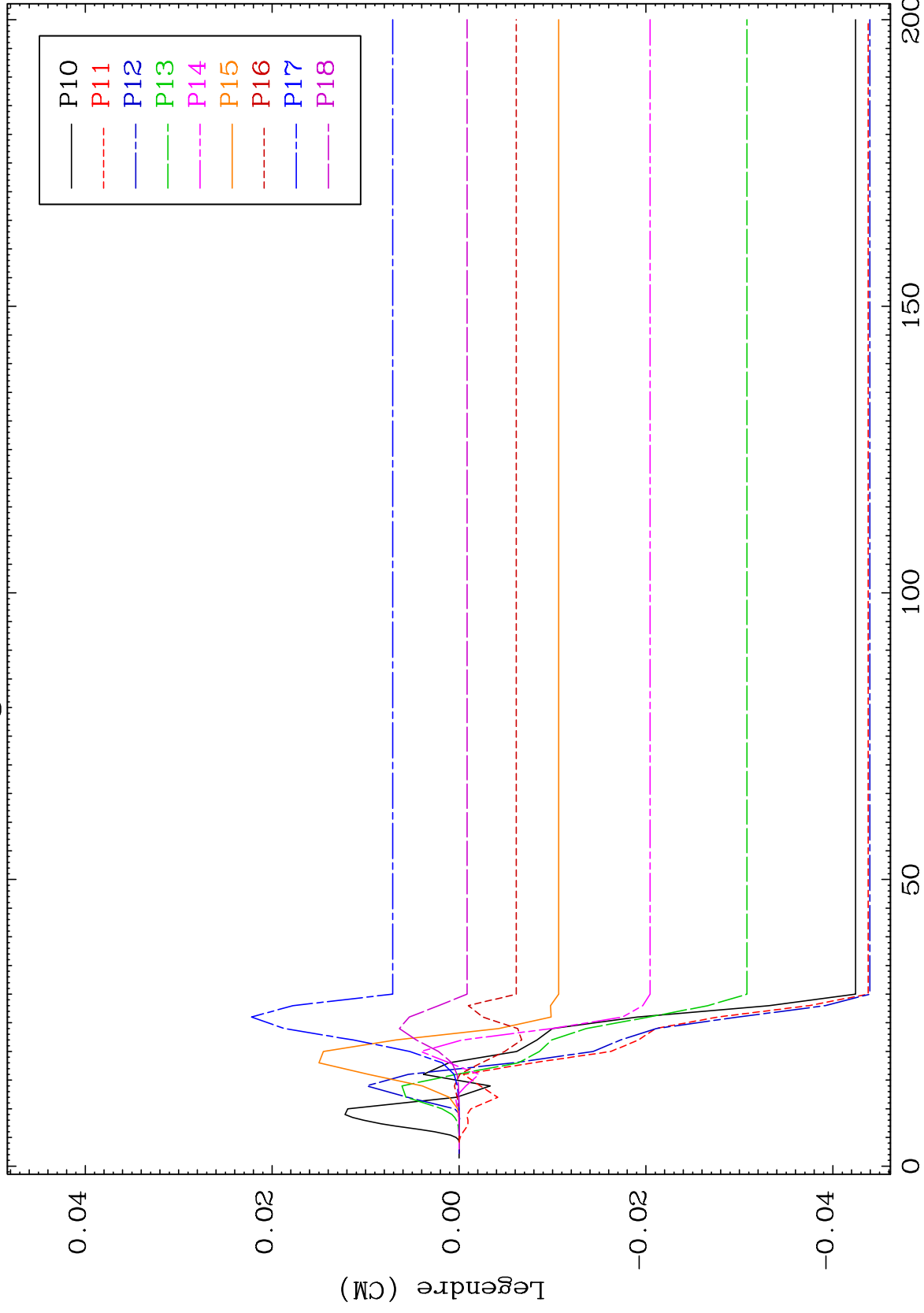
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



41

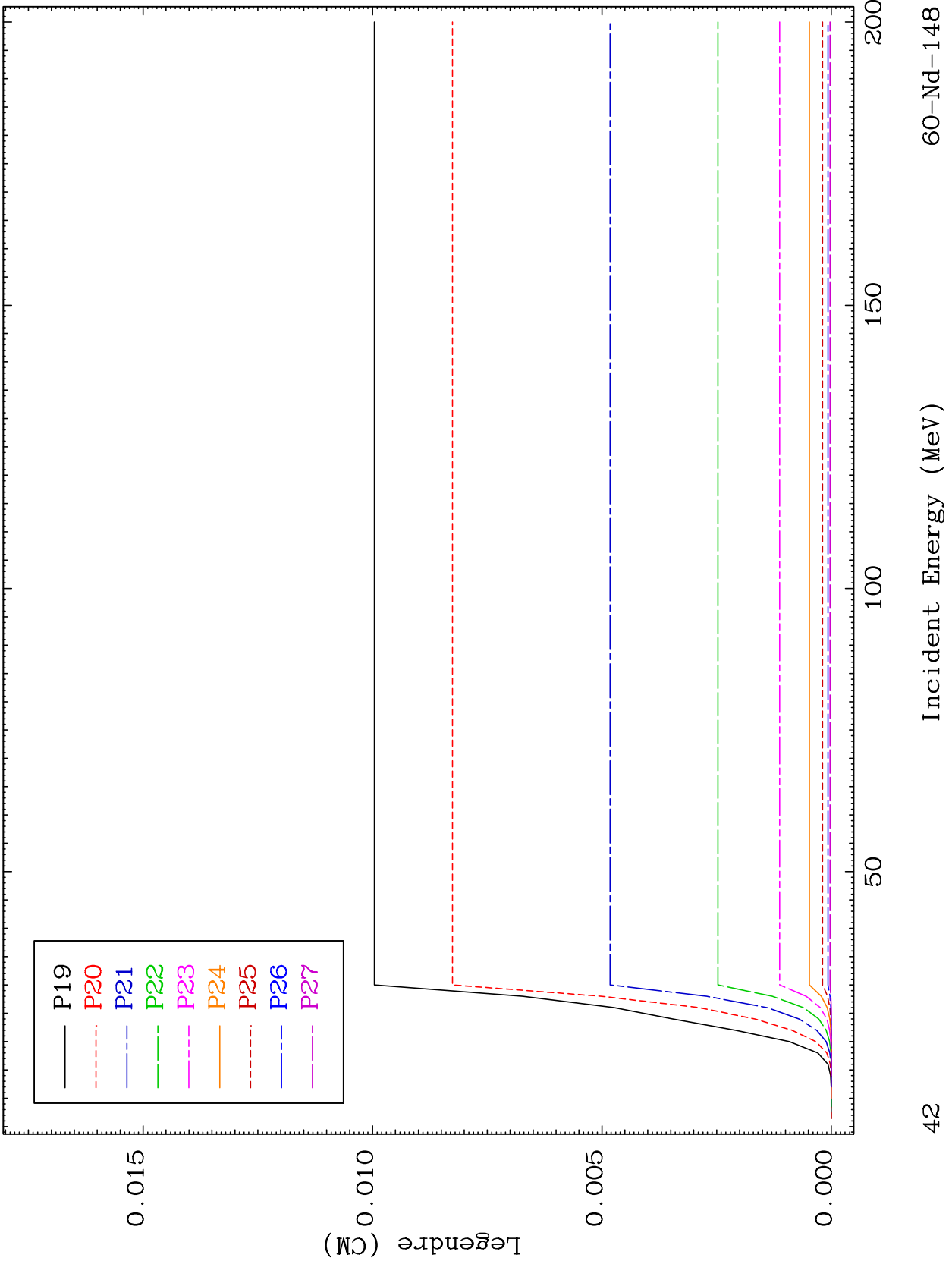
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



42

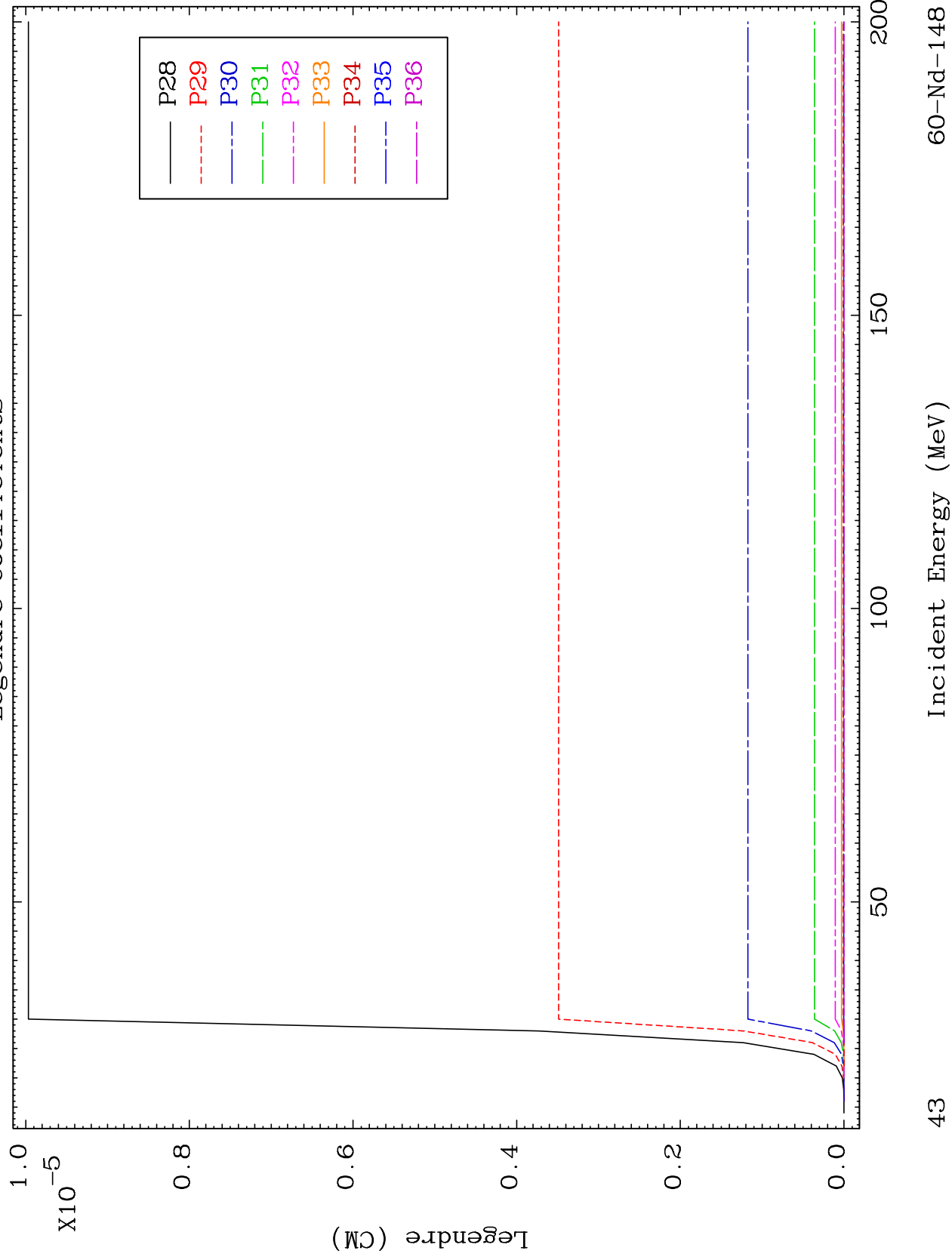
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

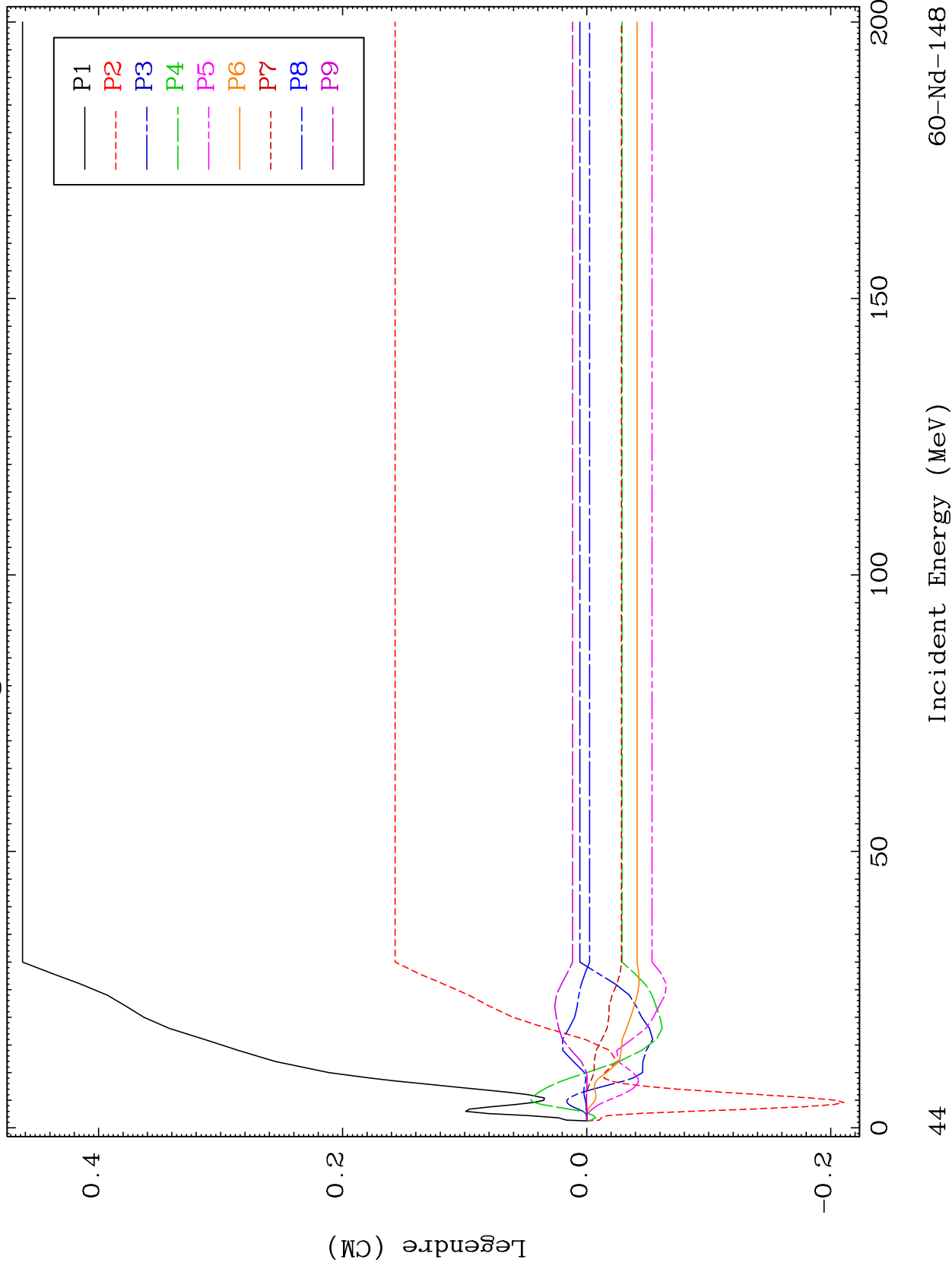
60-Nd-148



MAT 6043

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

60-Nd-148



60-Nd-148

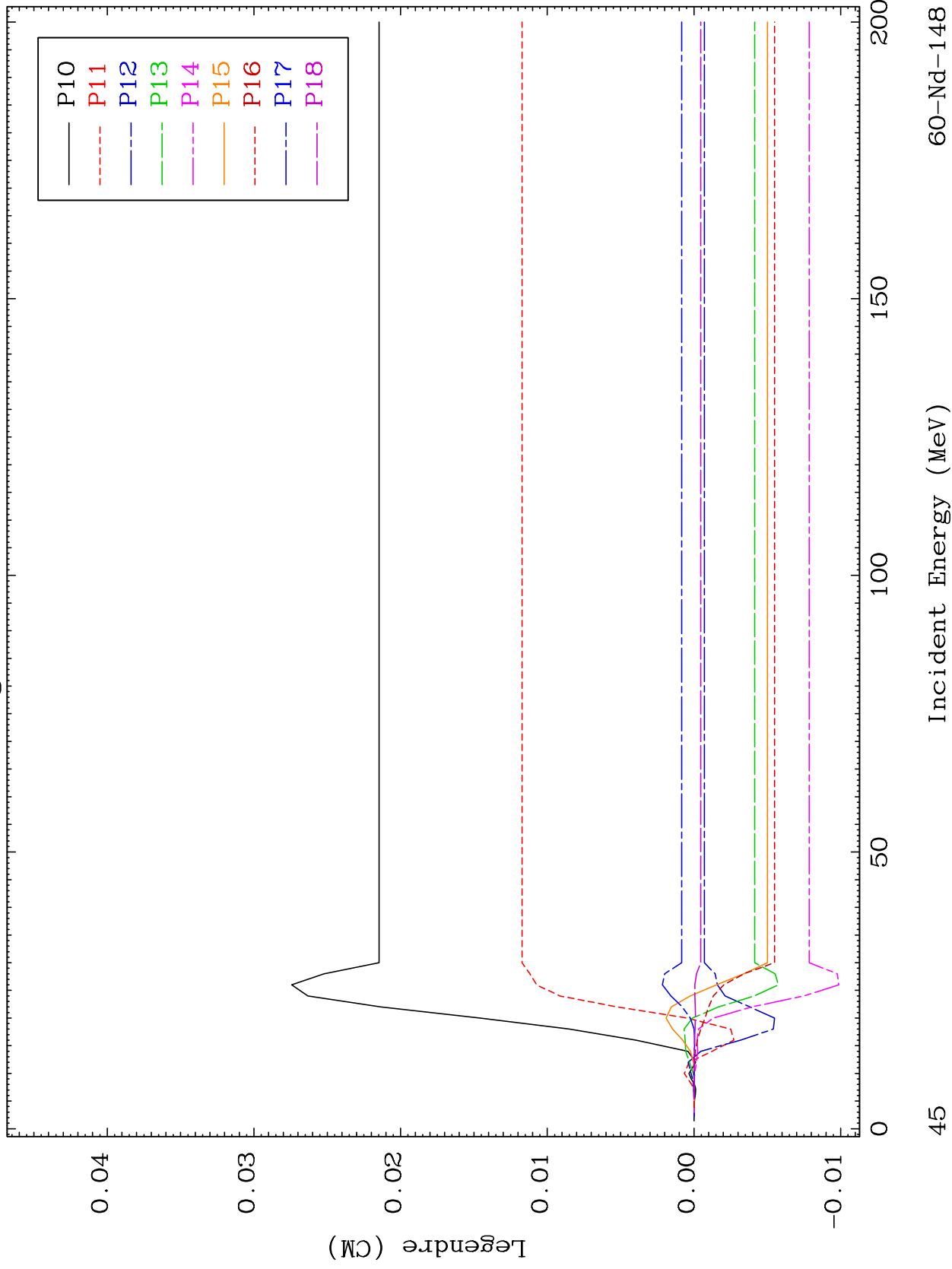
Incident Energy (MeV)

44

MAT 6043

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

60-Nd-148



60-Nd-148

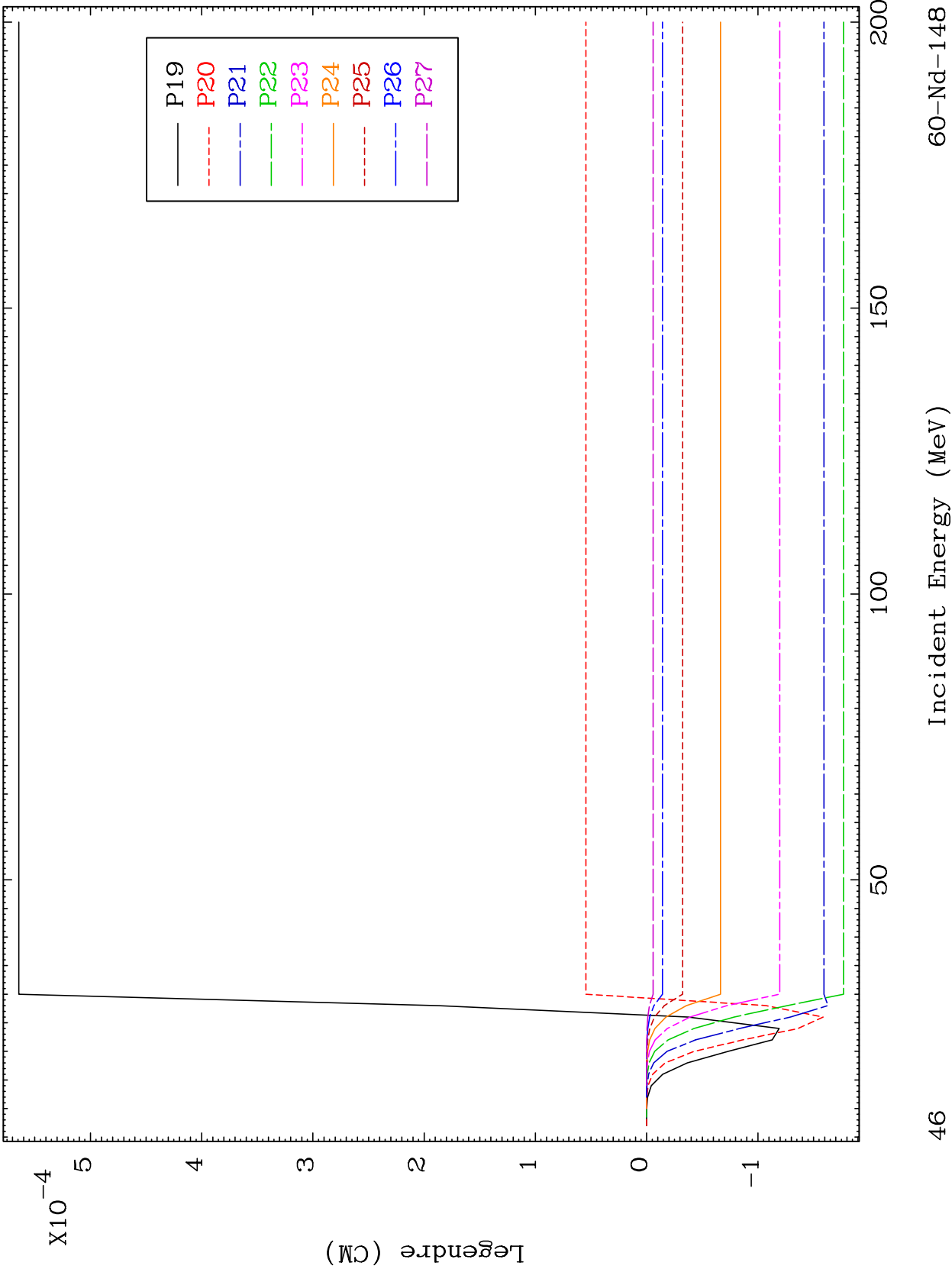
Incident Energy (MeV)

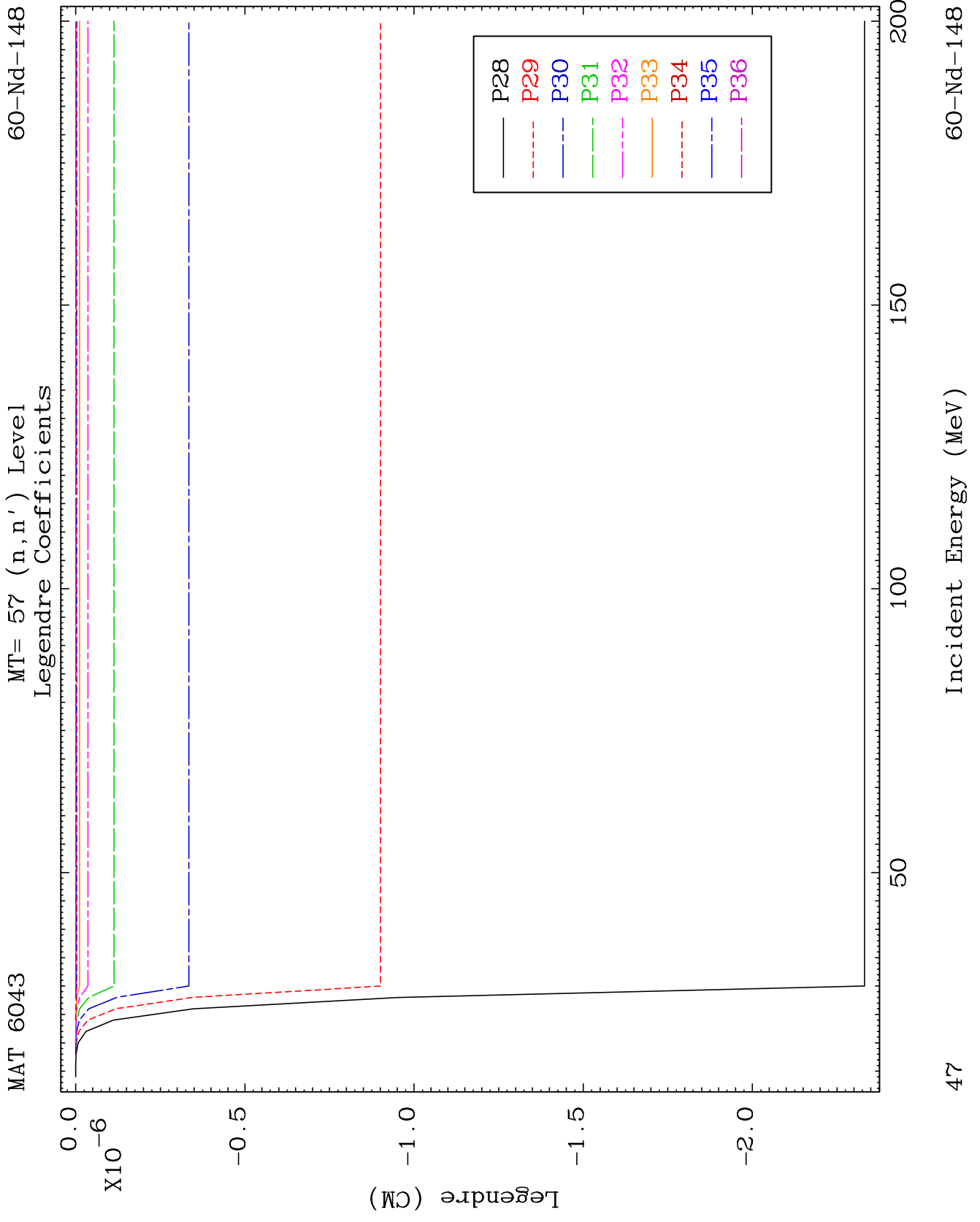
45

MAT 6043

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

60-Nd-148

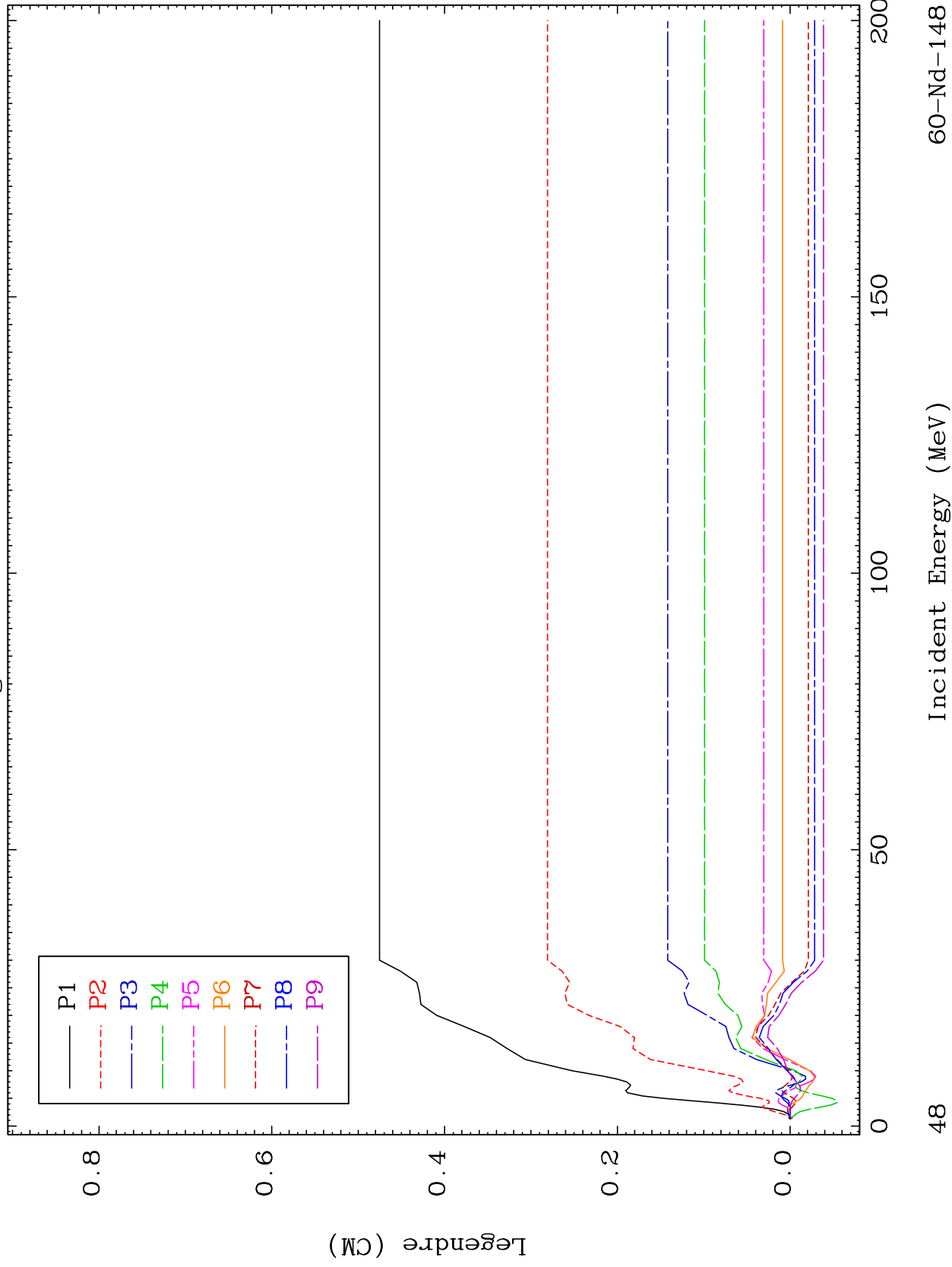




MAT 6043

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

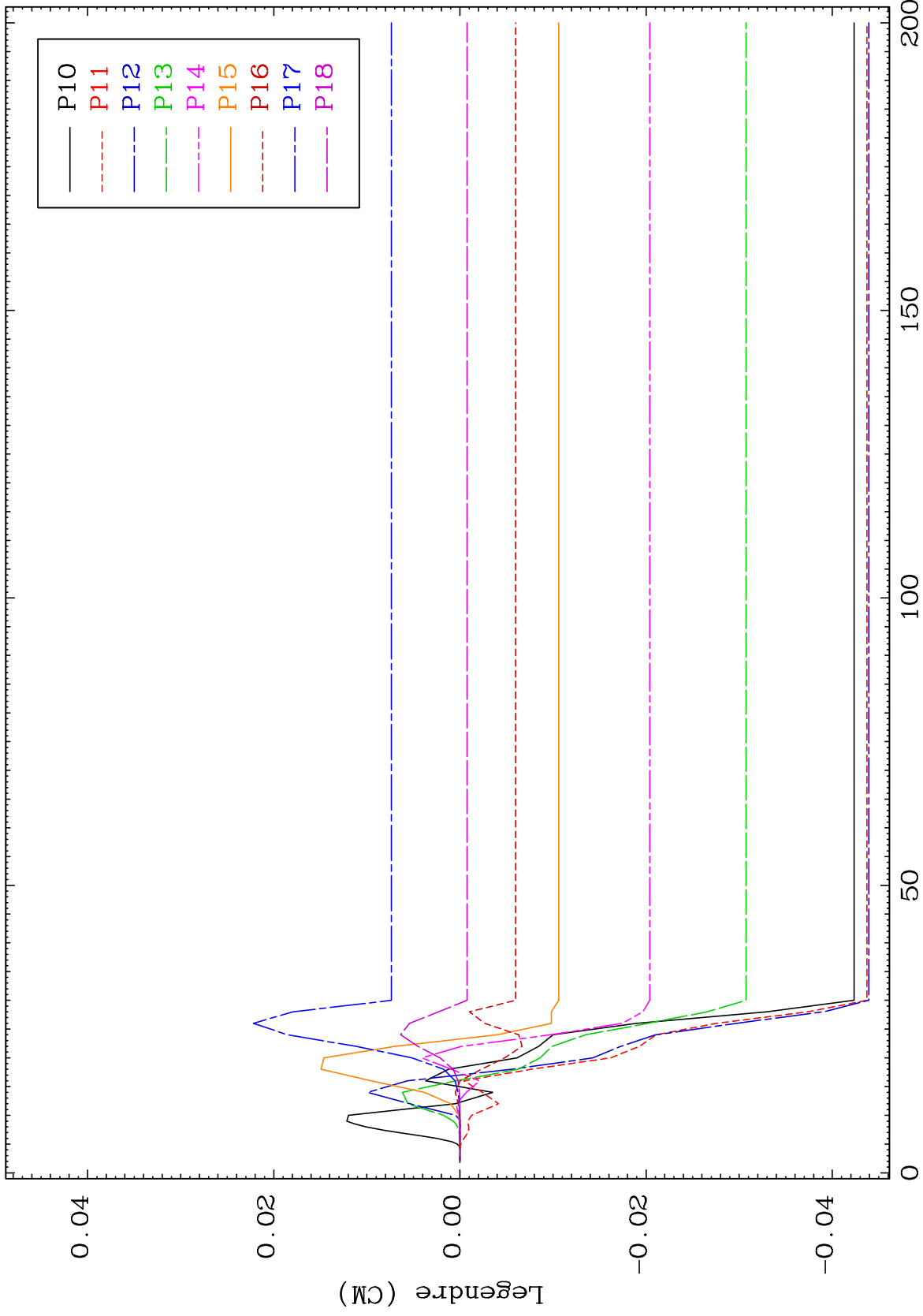
60-Nd-148



MAT 6043

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

60-Nd-148



49

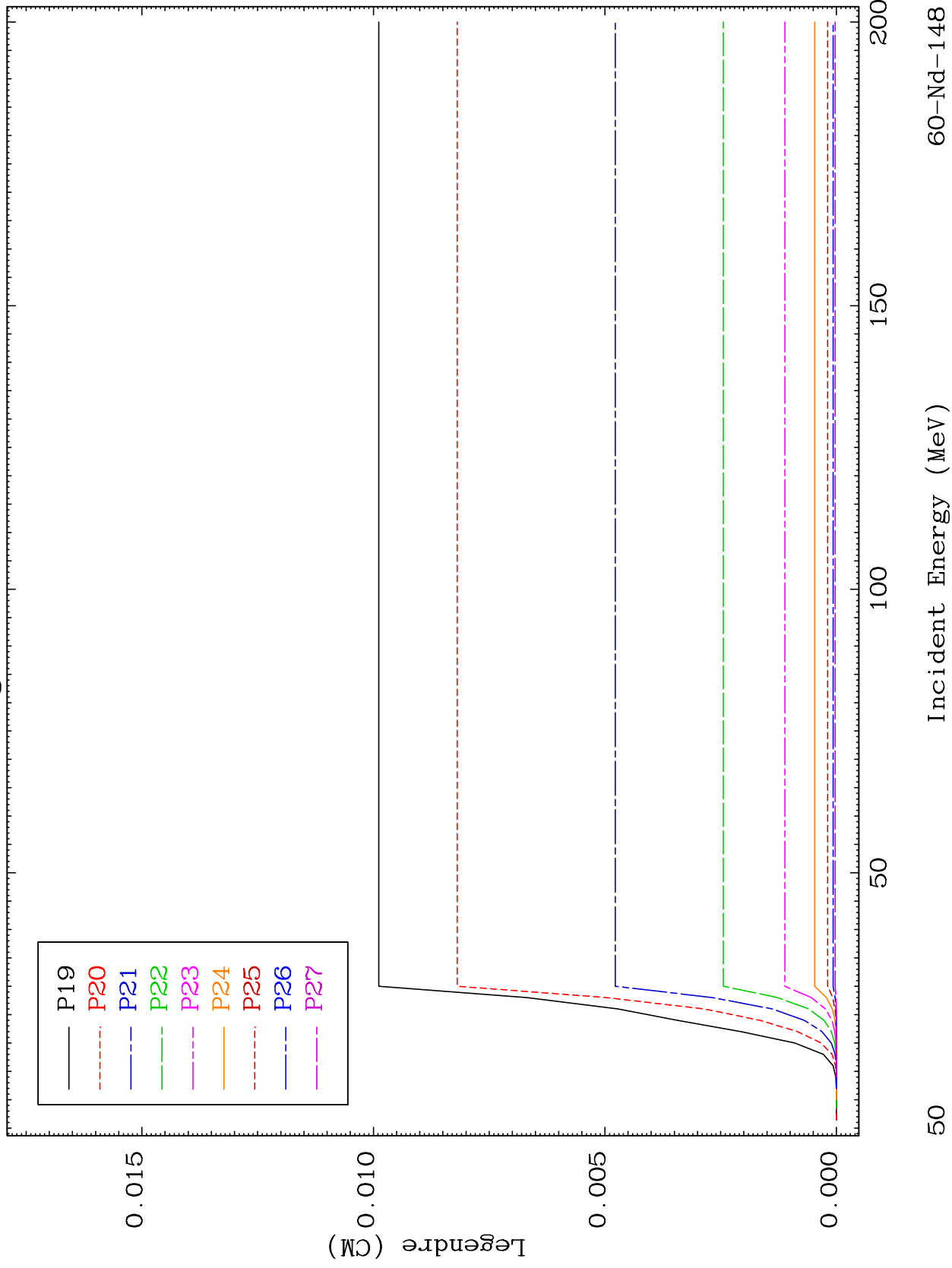
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

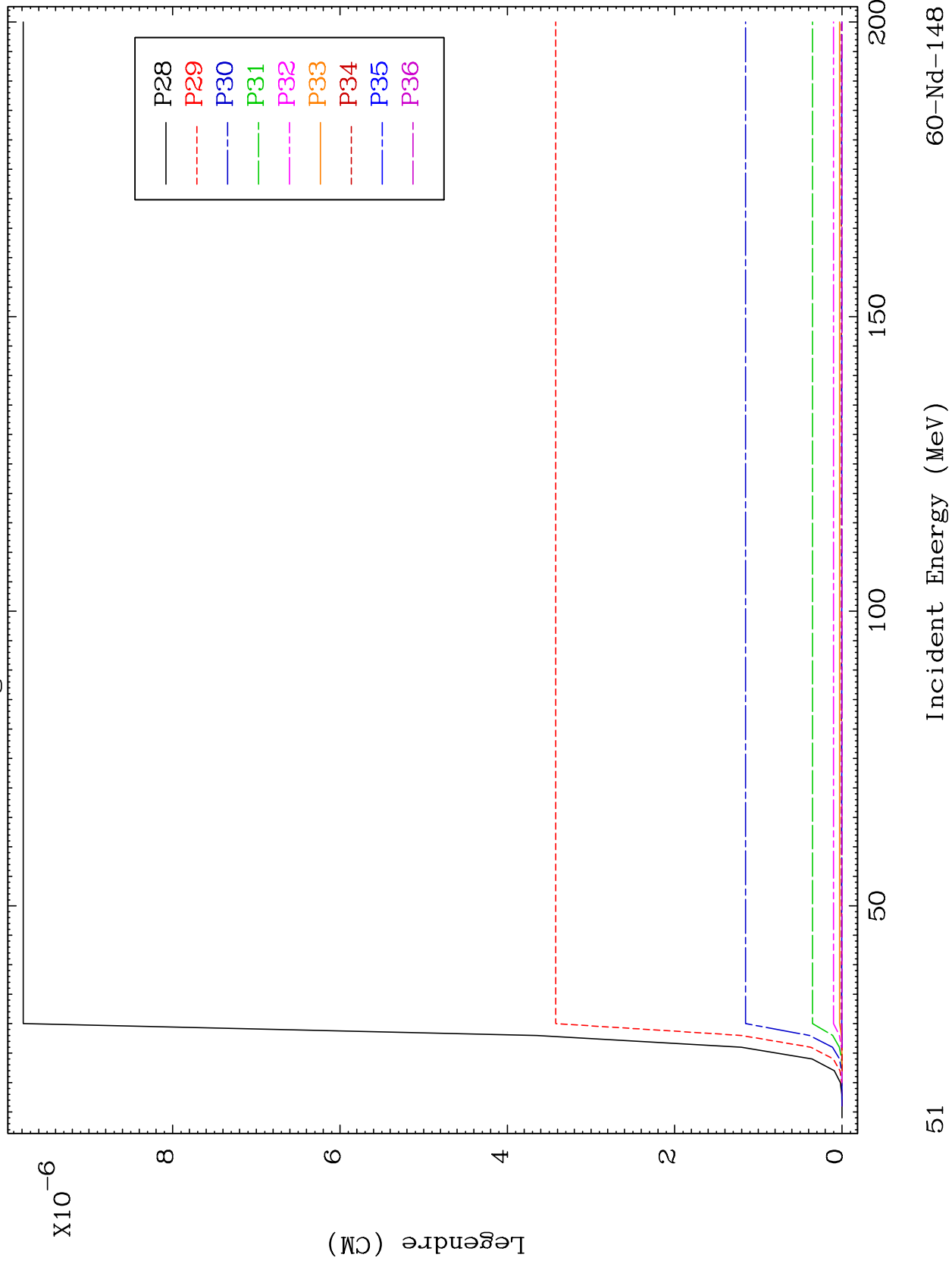
Incident Energy (MeV)

50

MAT 6043

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

60-Nd-148



51

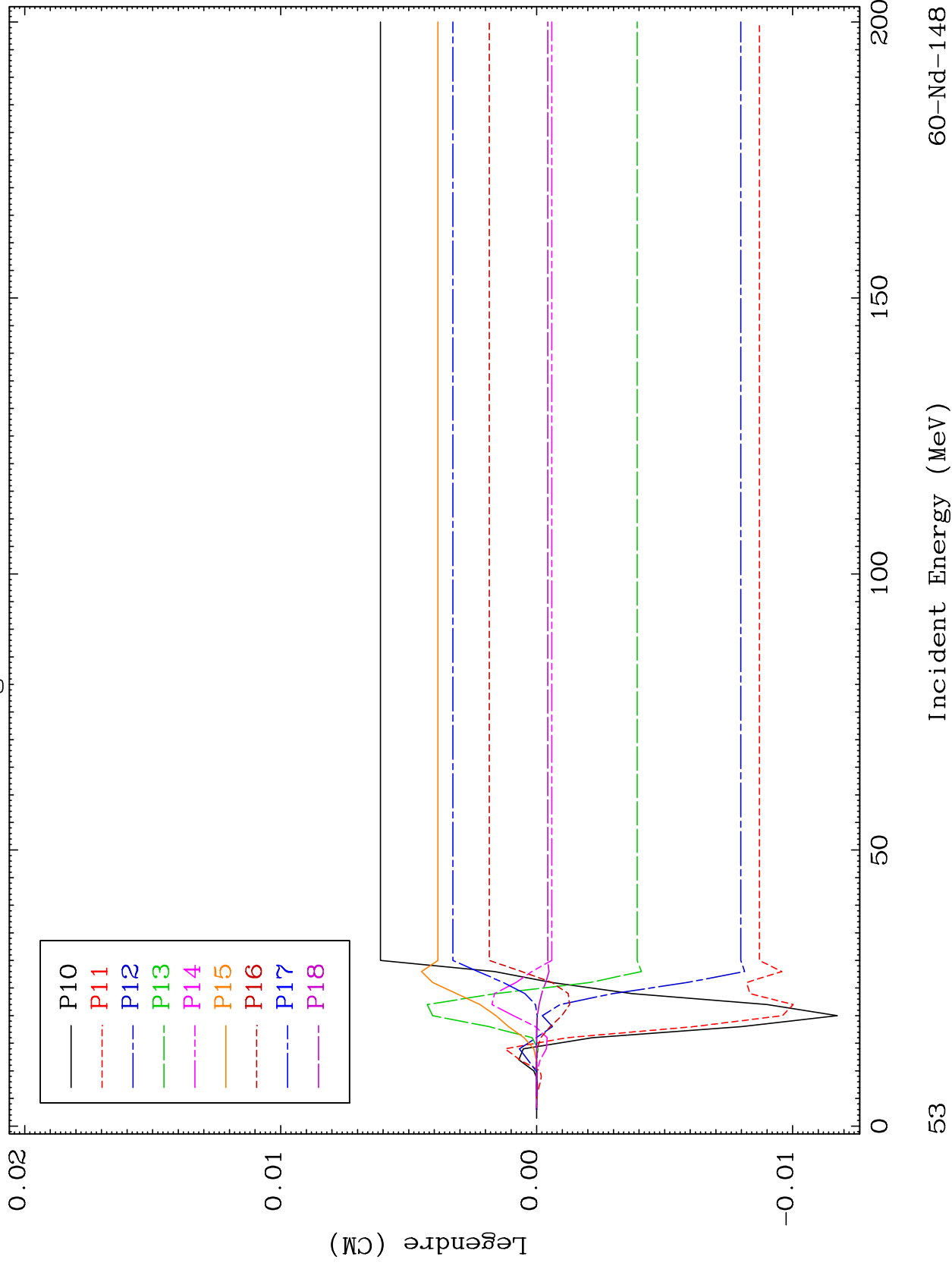
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



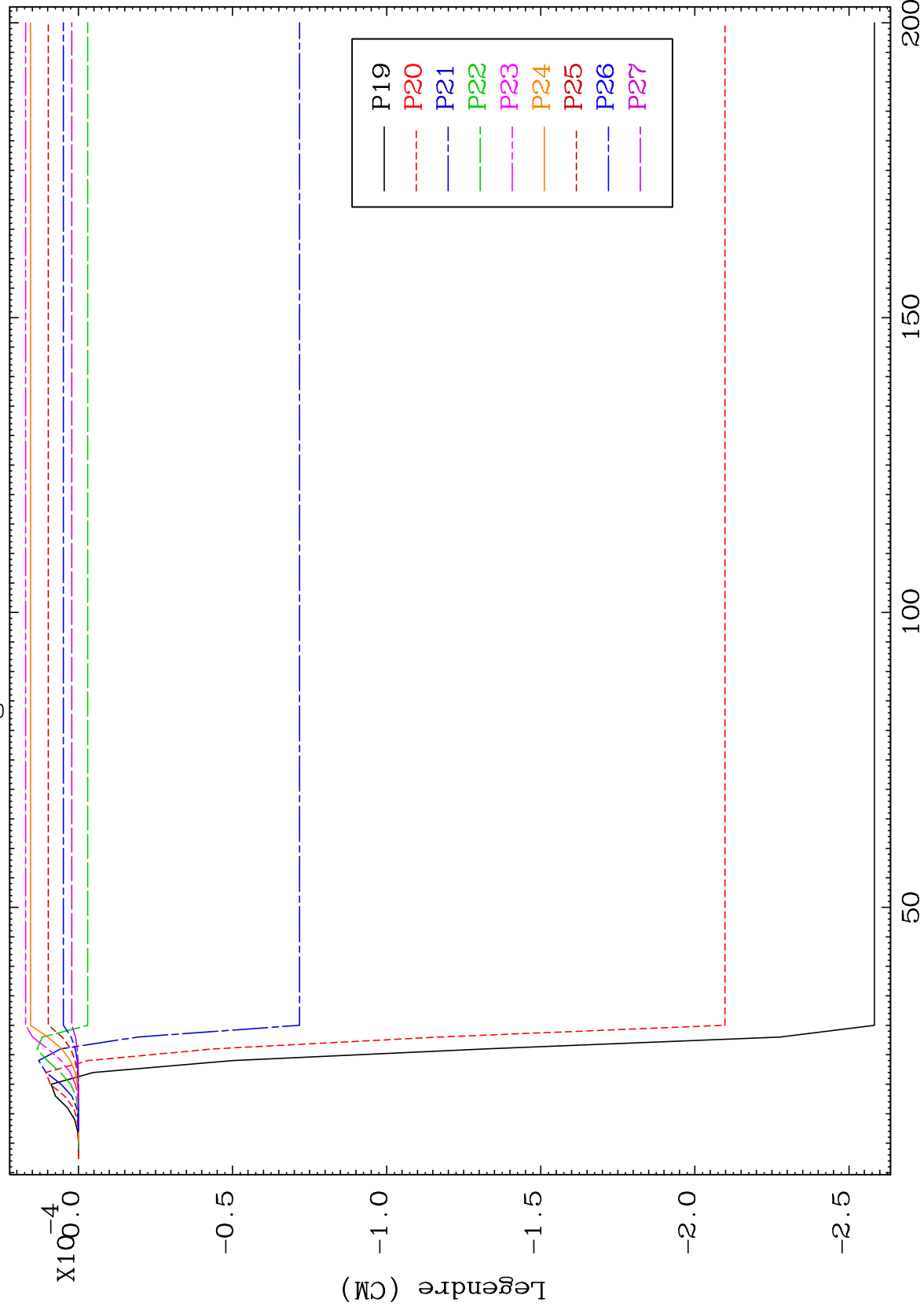
53

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

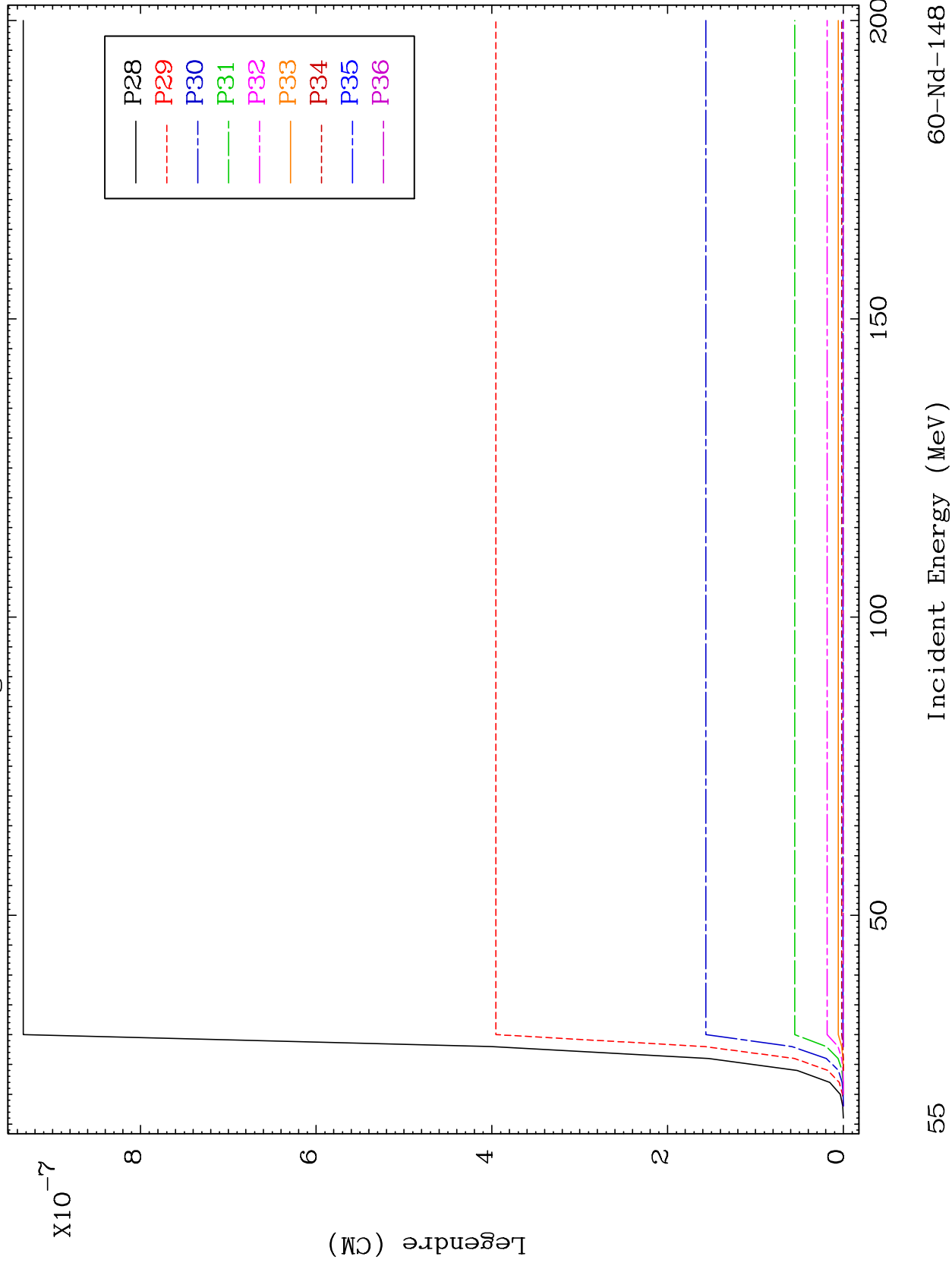
Incident Energy (MeV)

54

MAT 6043

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

60-Nd-148



60-Nd-148

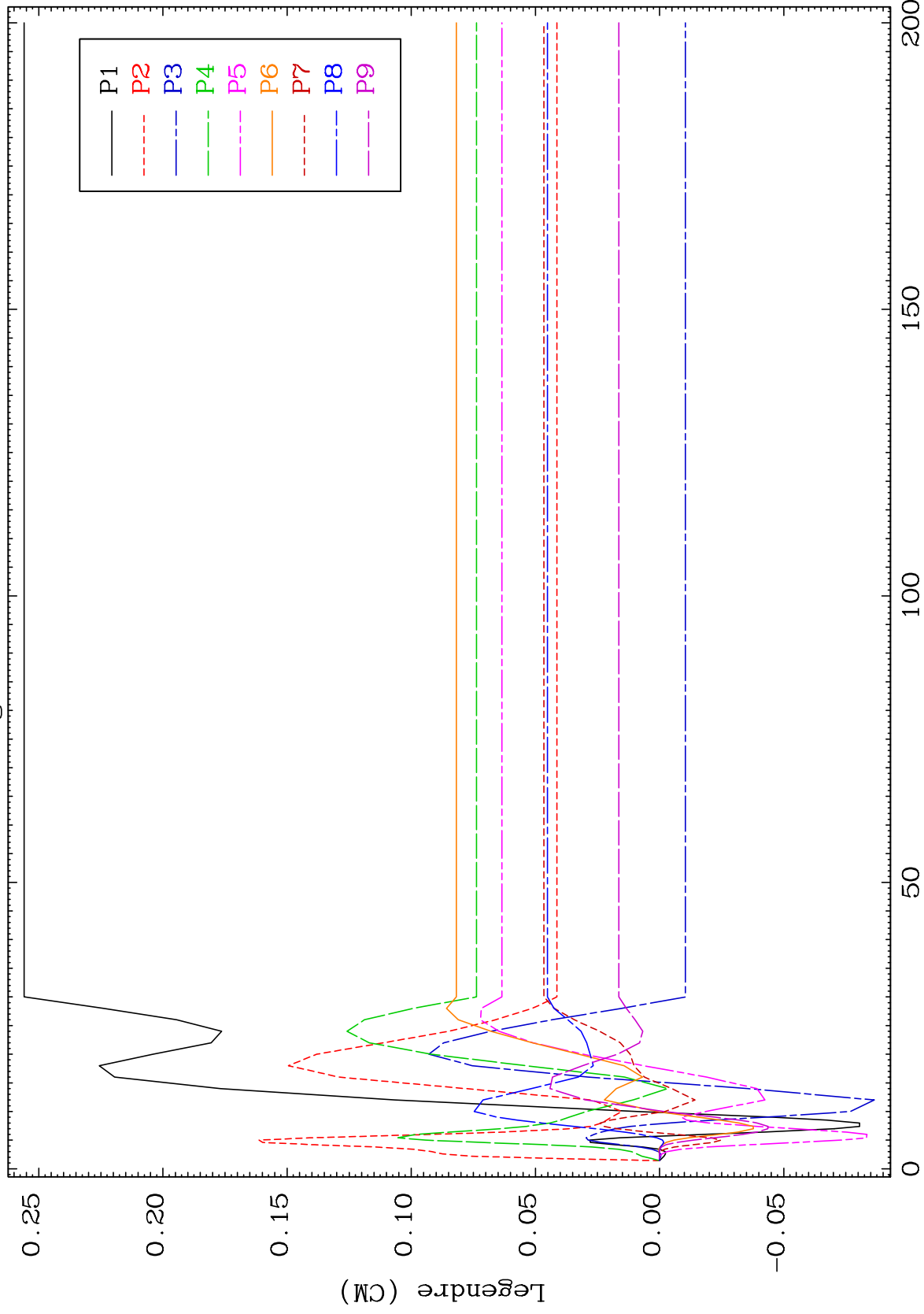
Incident Energy (MeV)

55

MAT 6043

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

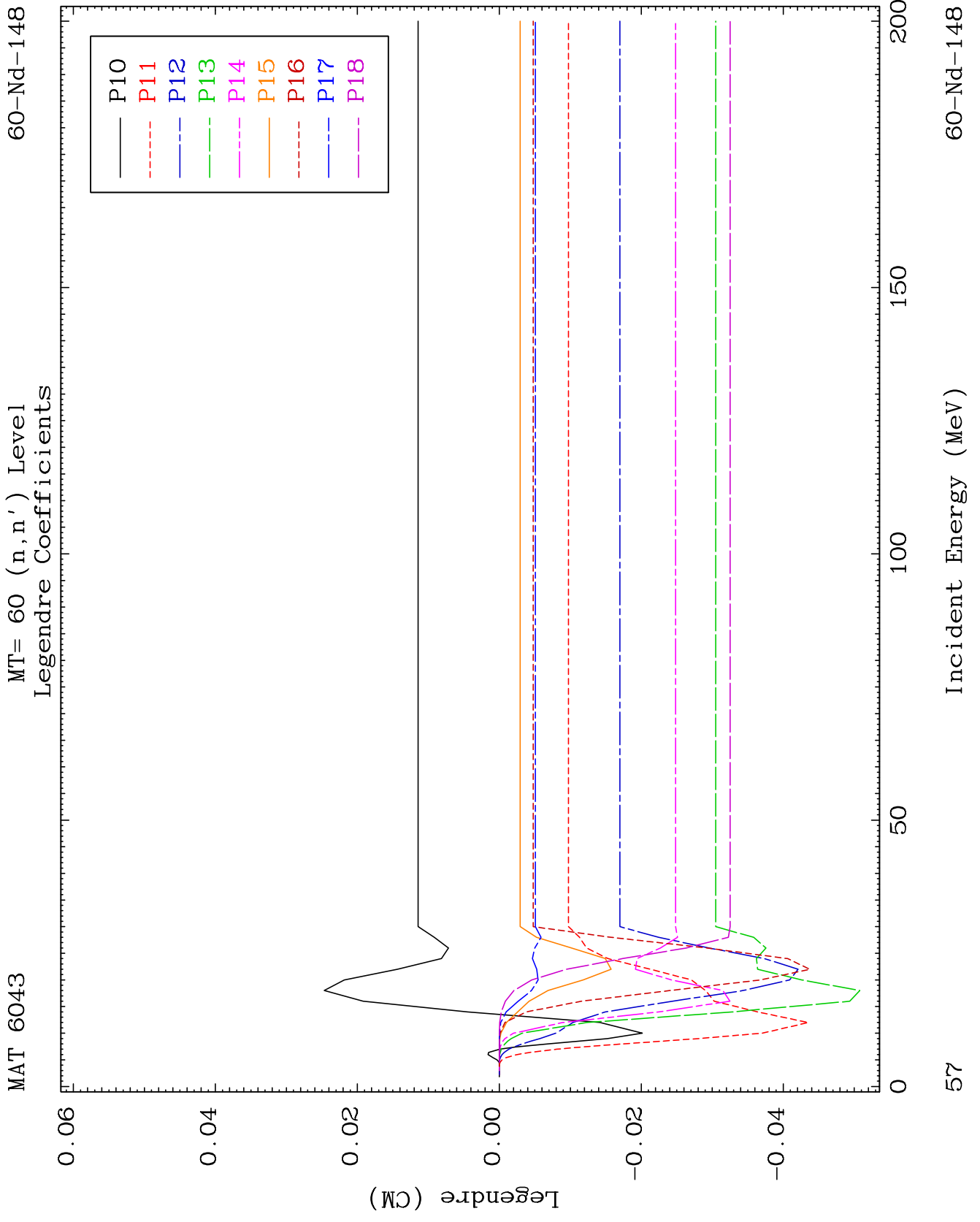
60-Nd-148



56

Incident Energy (MeV)

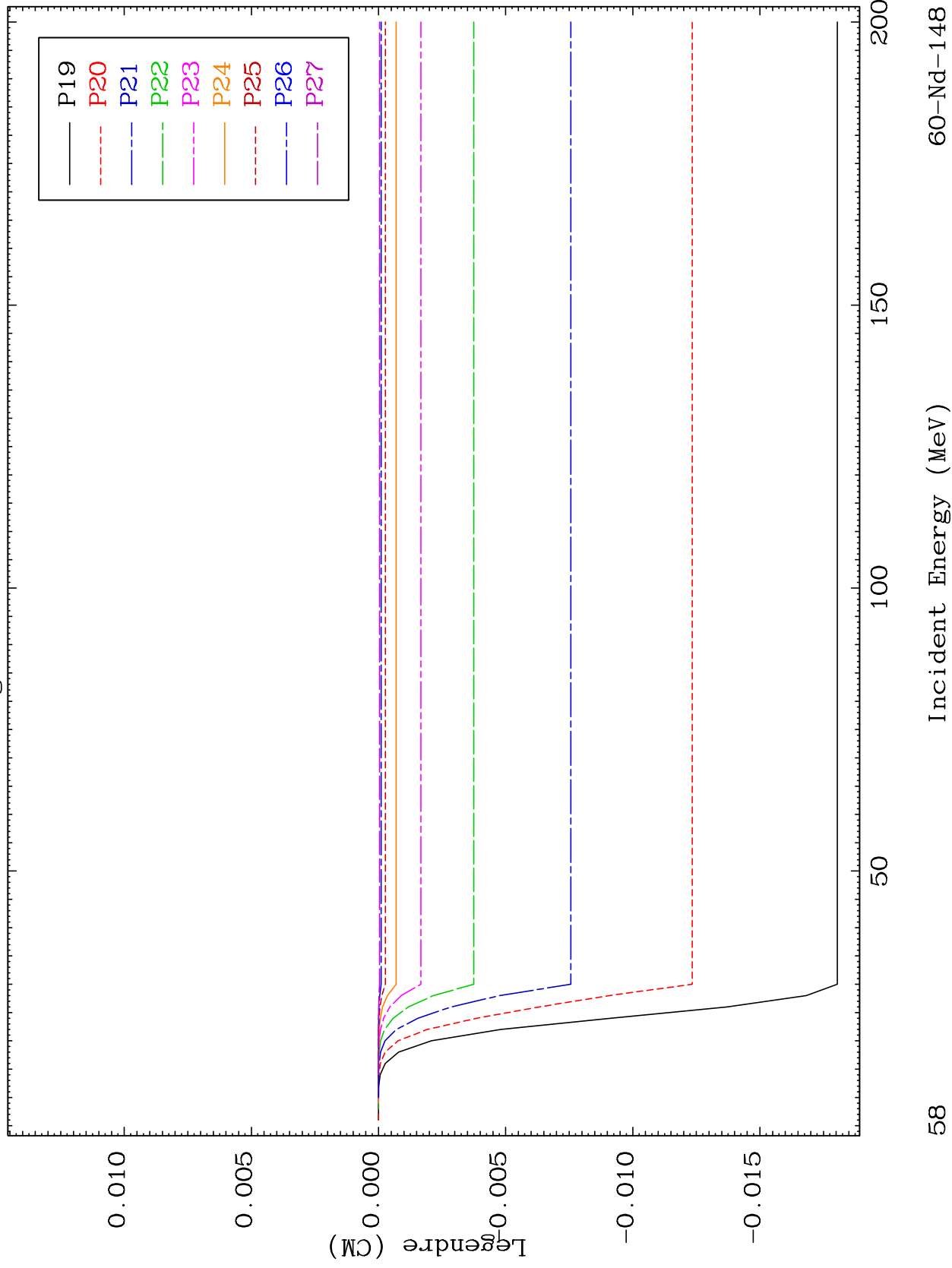
60-Nd-148



MAT 6043

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

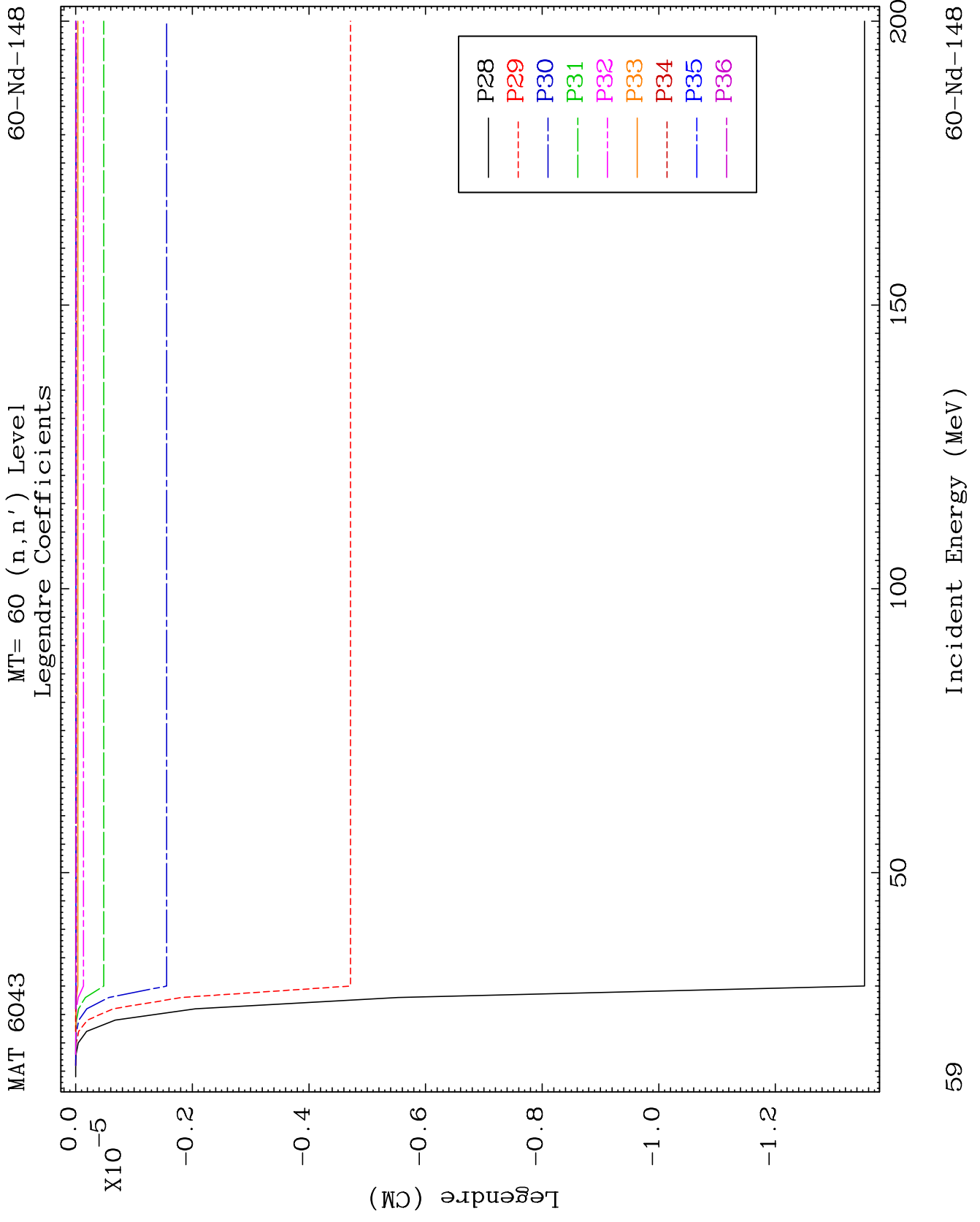
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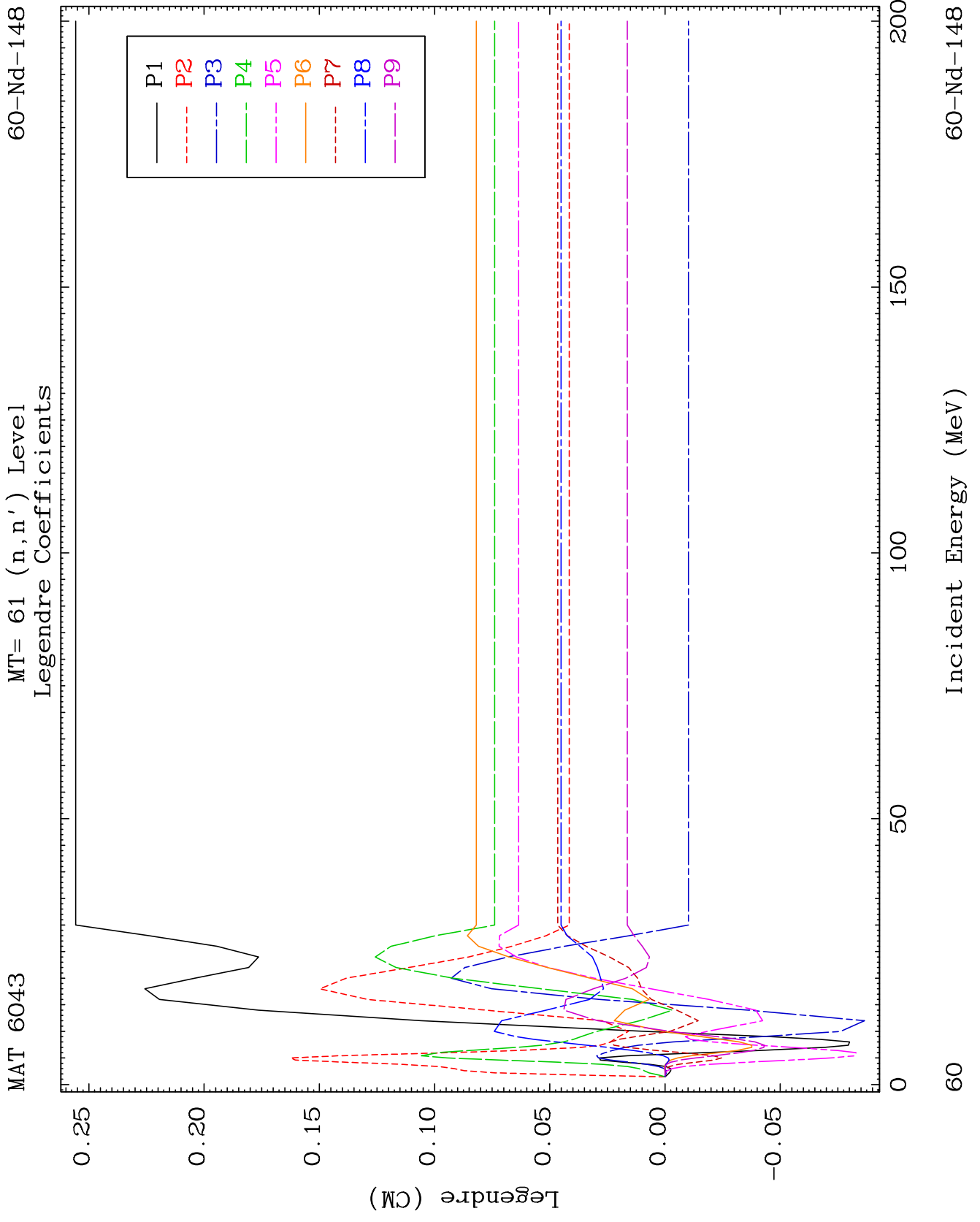


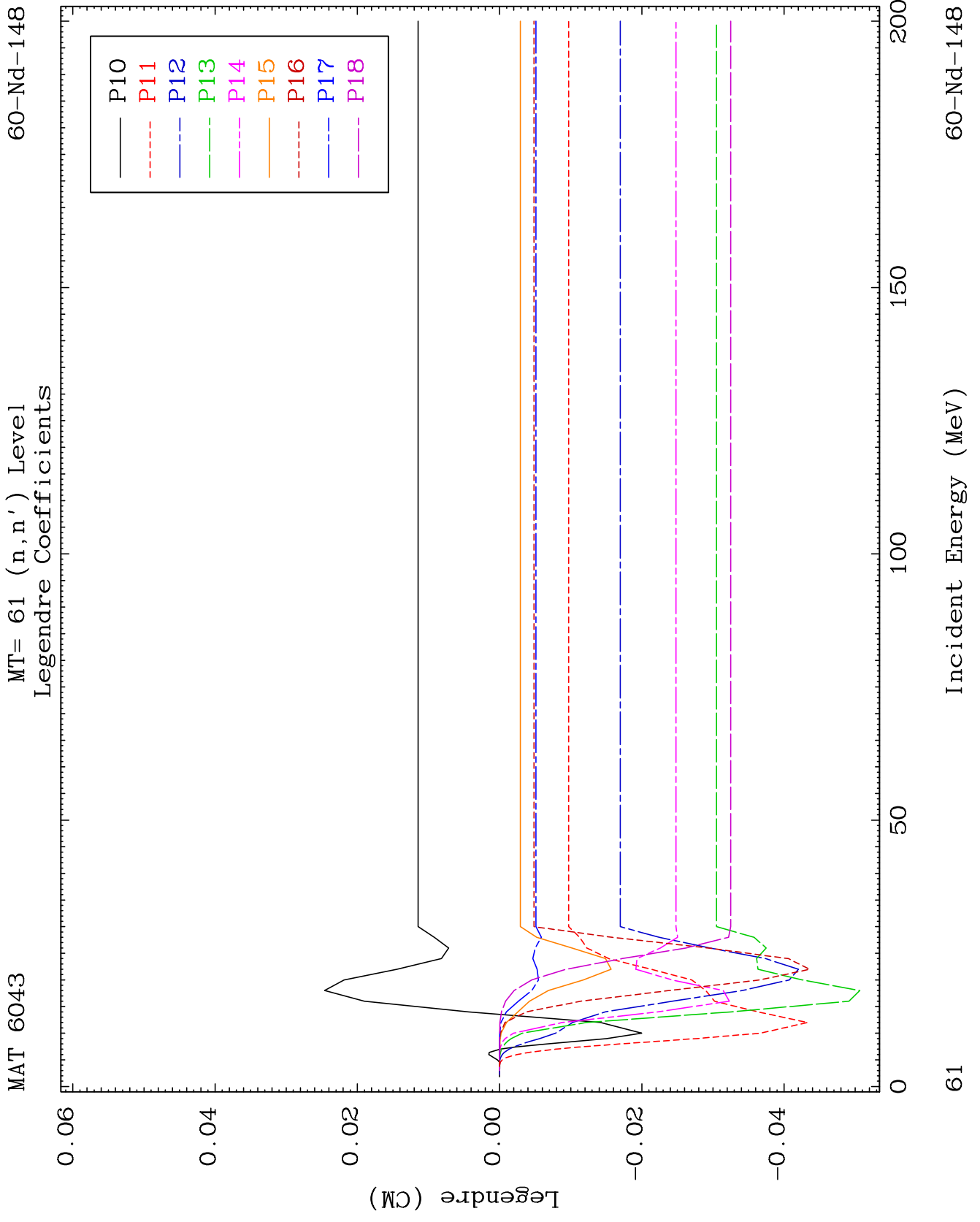
58

Incident Energy (MeV)

60-Nd-148



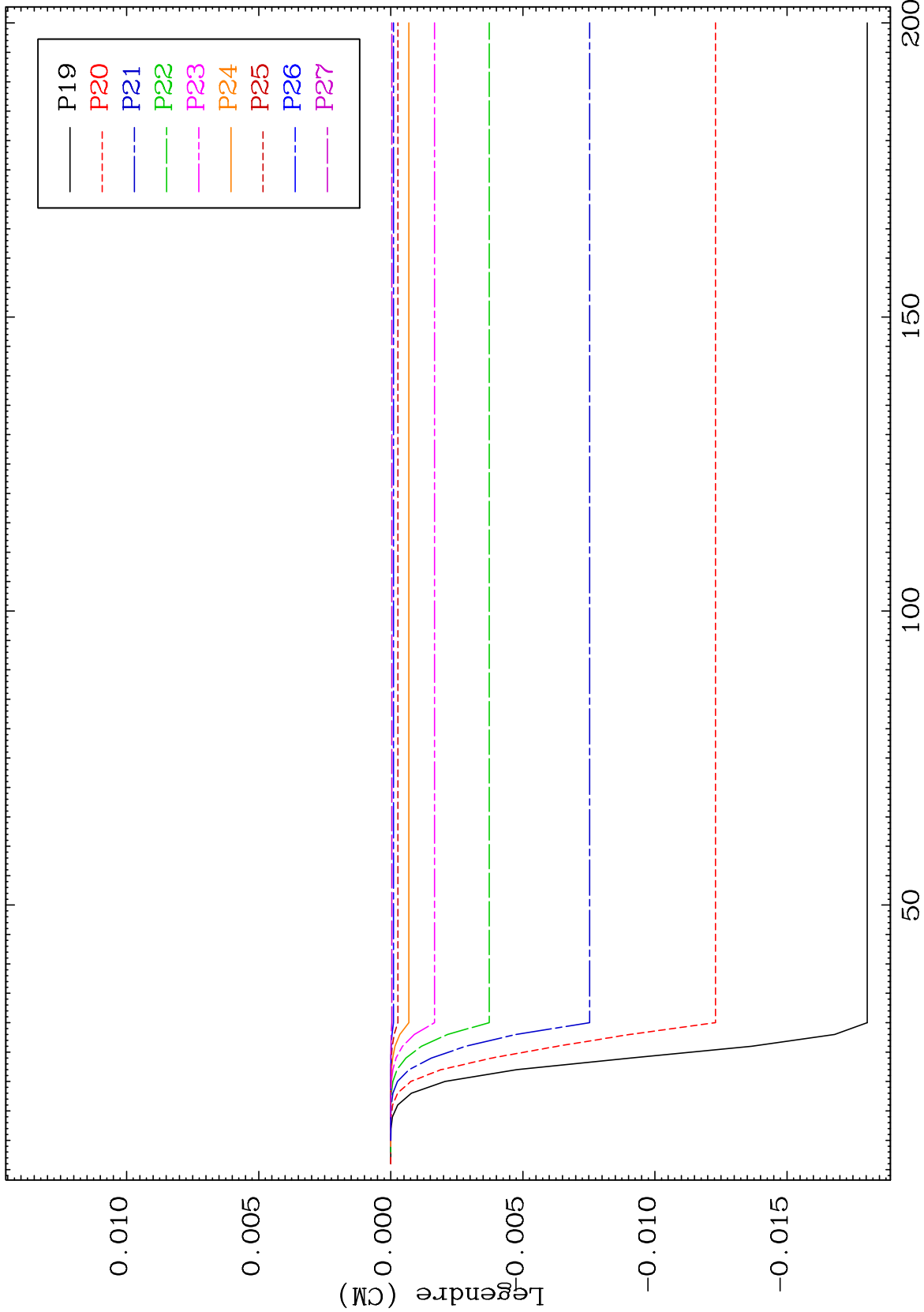




MAT 6043

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

60-Nd-148



62

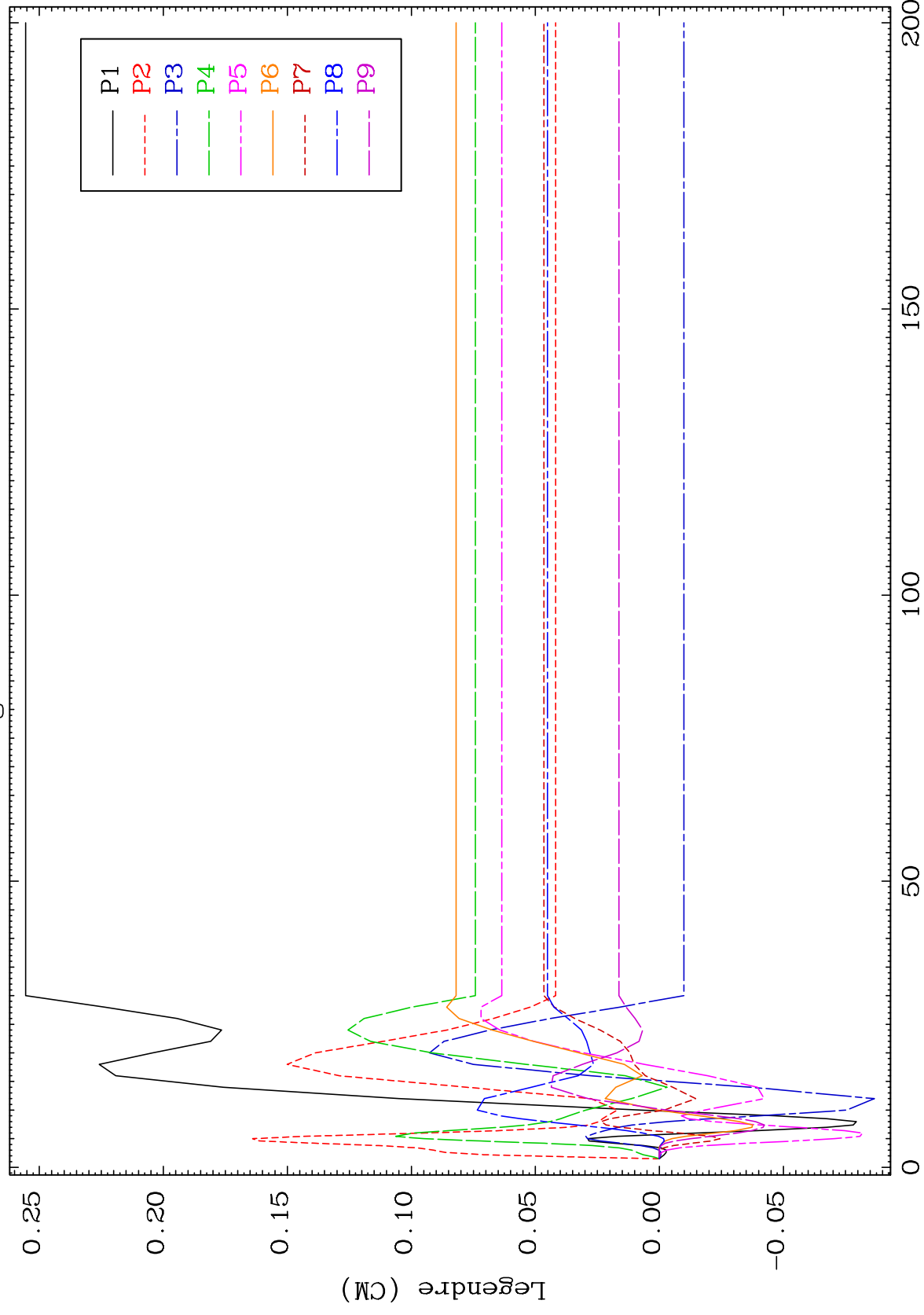
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

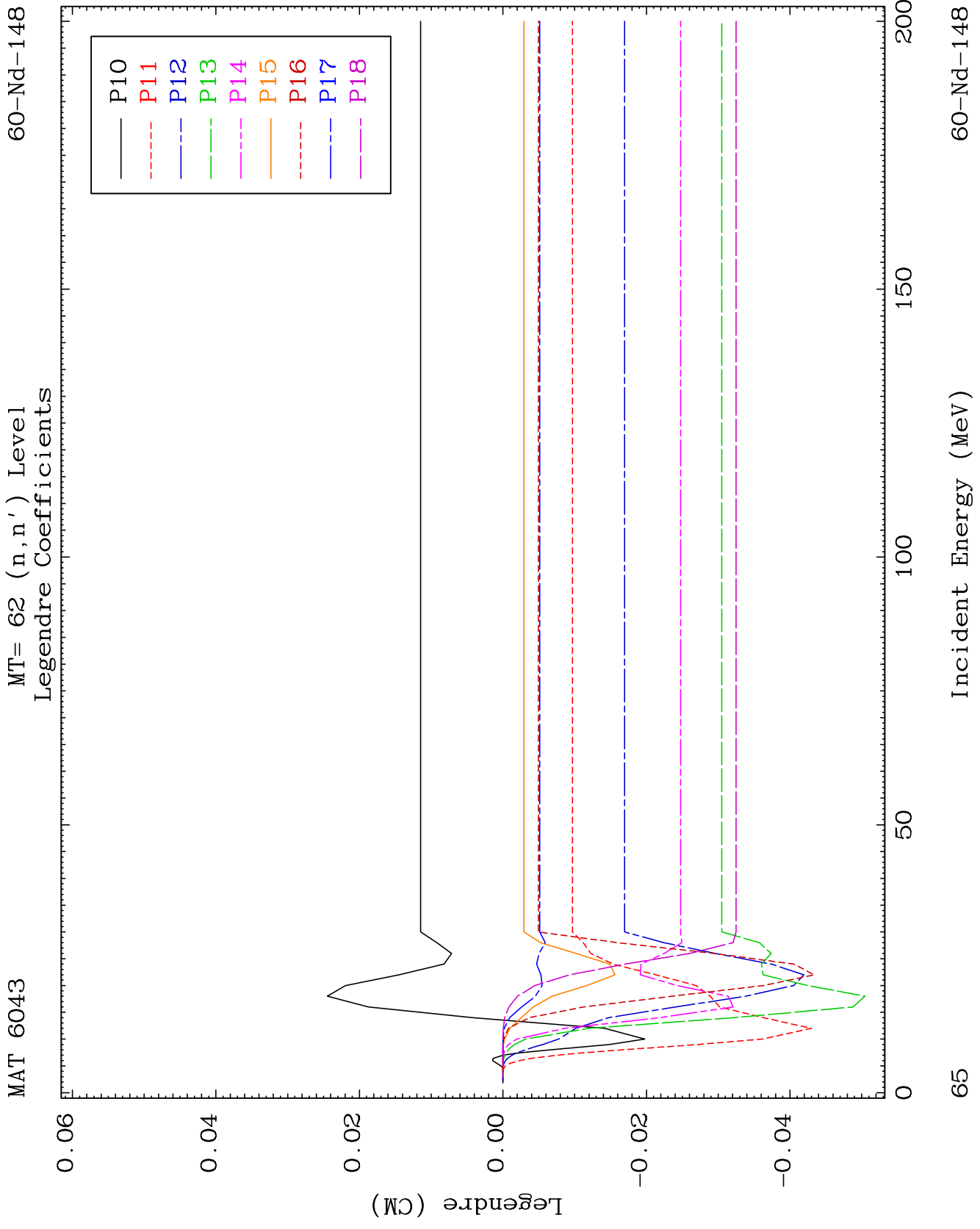
60-Nd-148



60-Nd-148

Incident Energy (MeV)

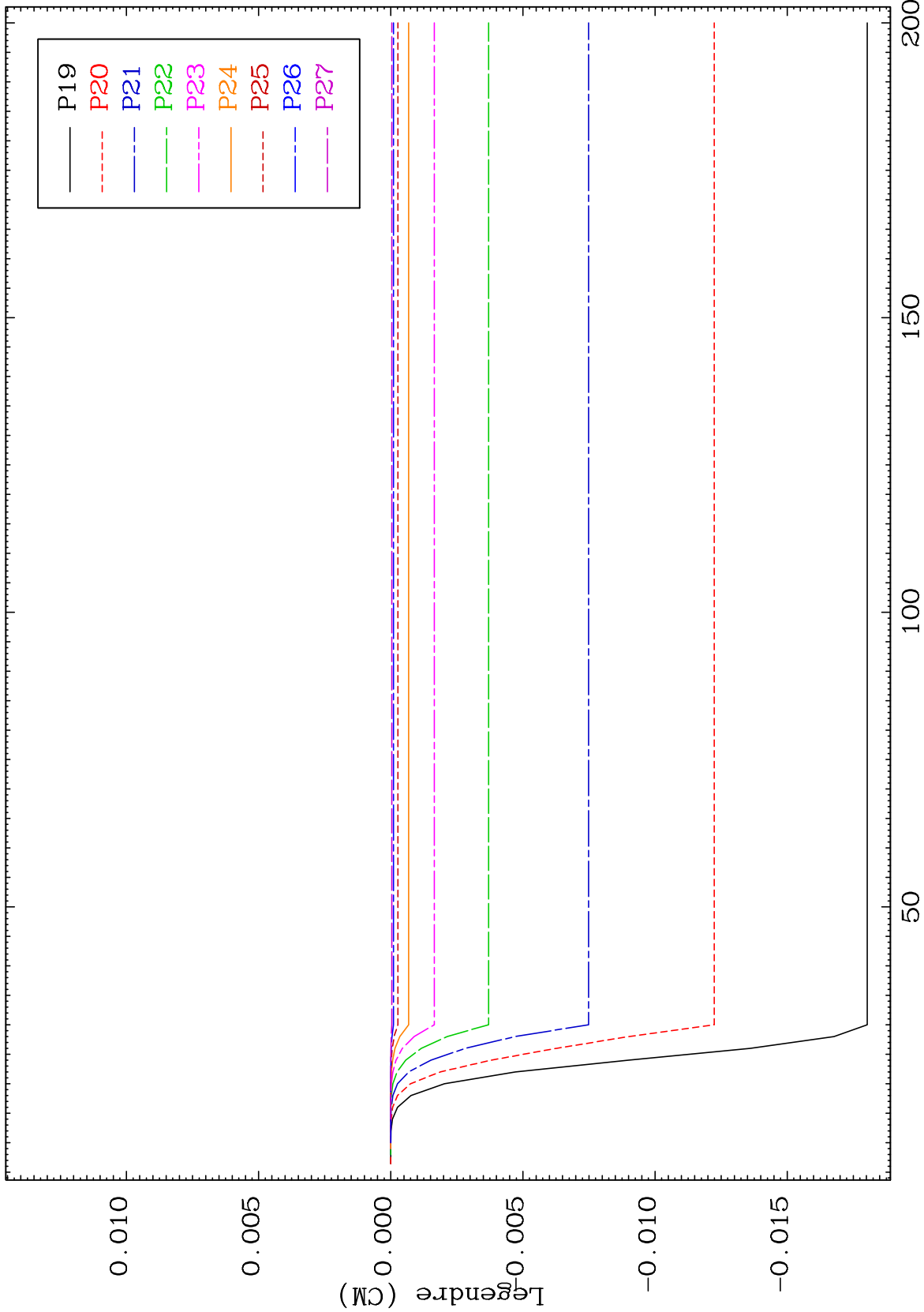
64

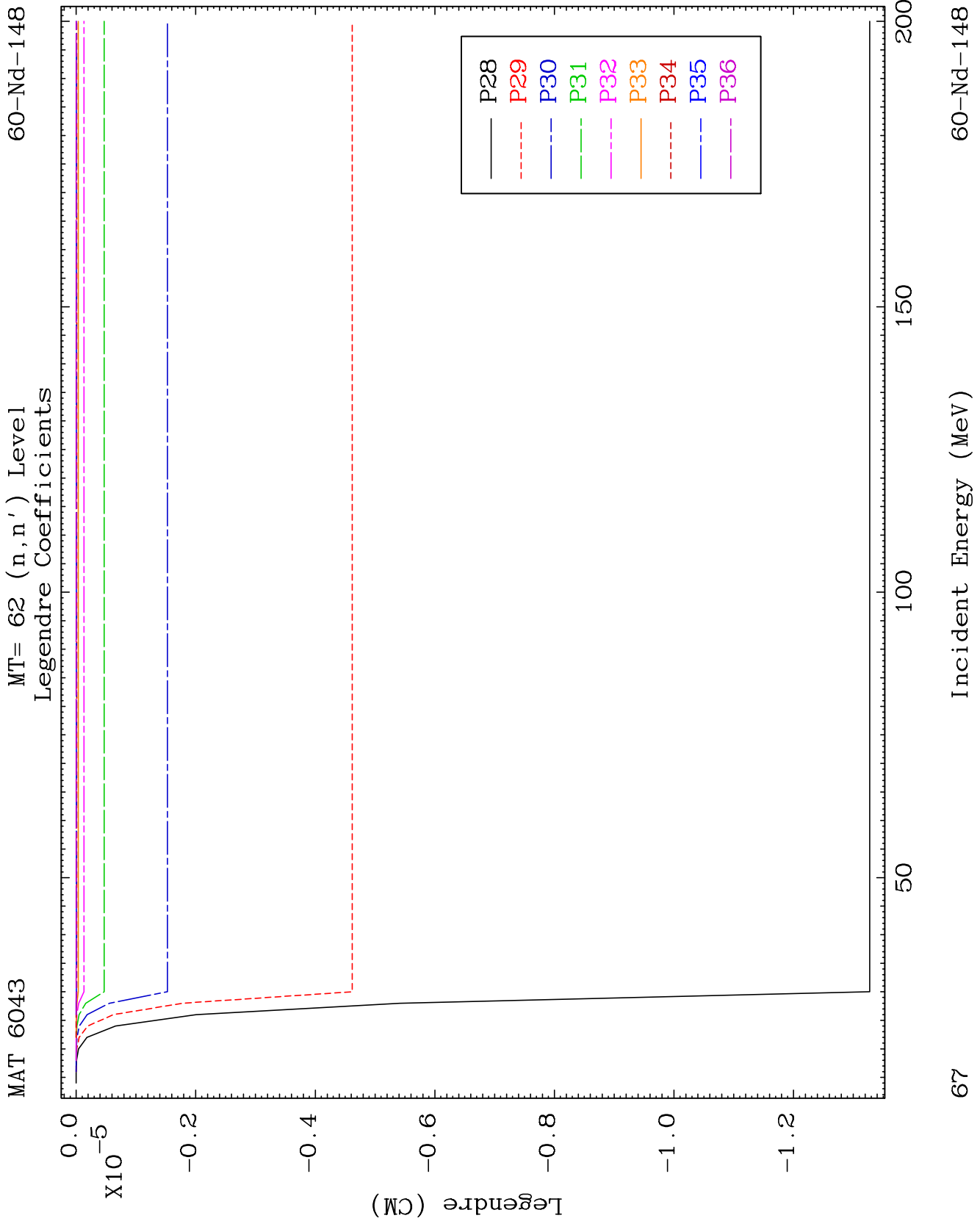


MAT 6043

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

60-Nd-148

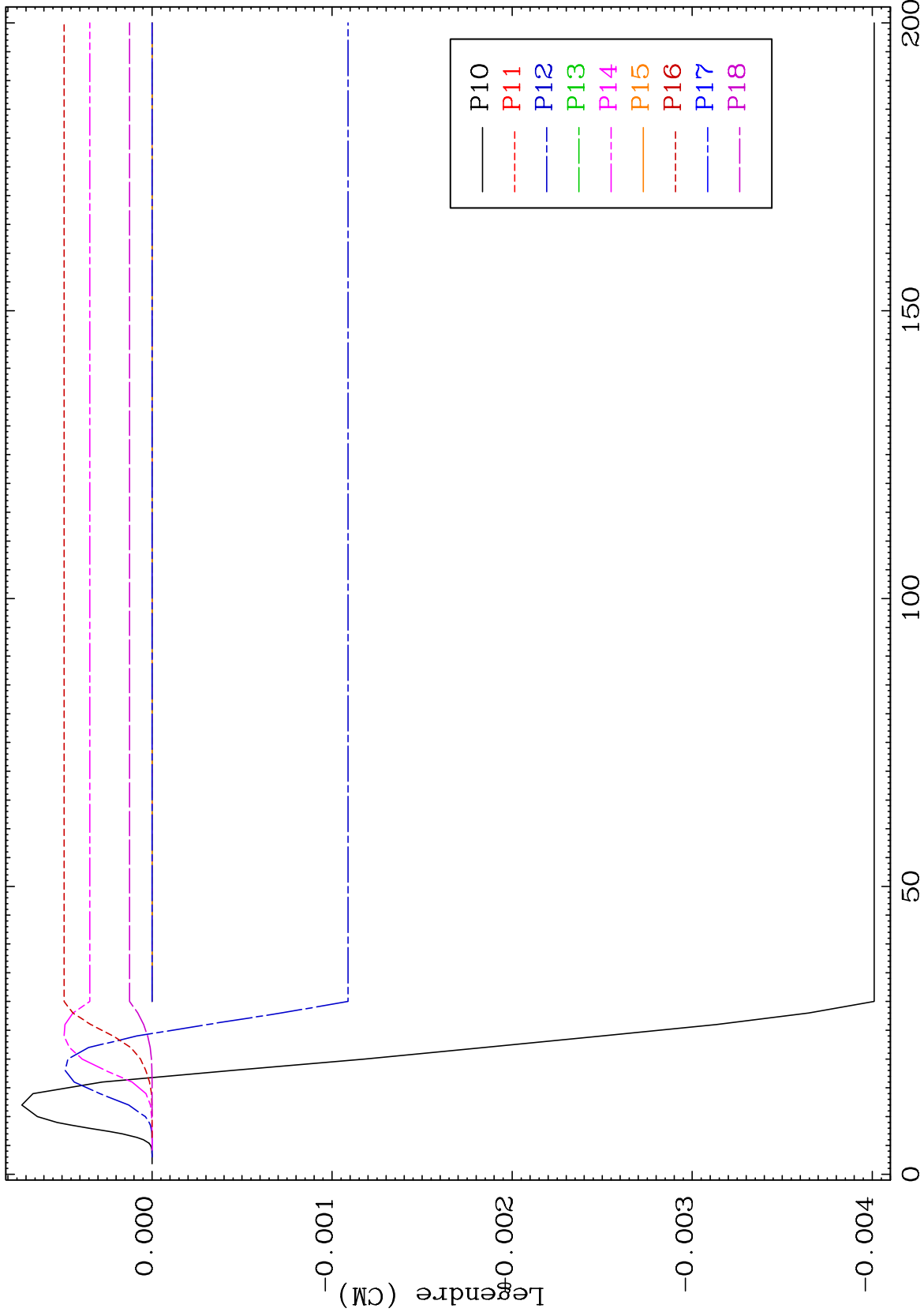




MAT 6043

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

60-Nd-148



69

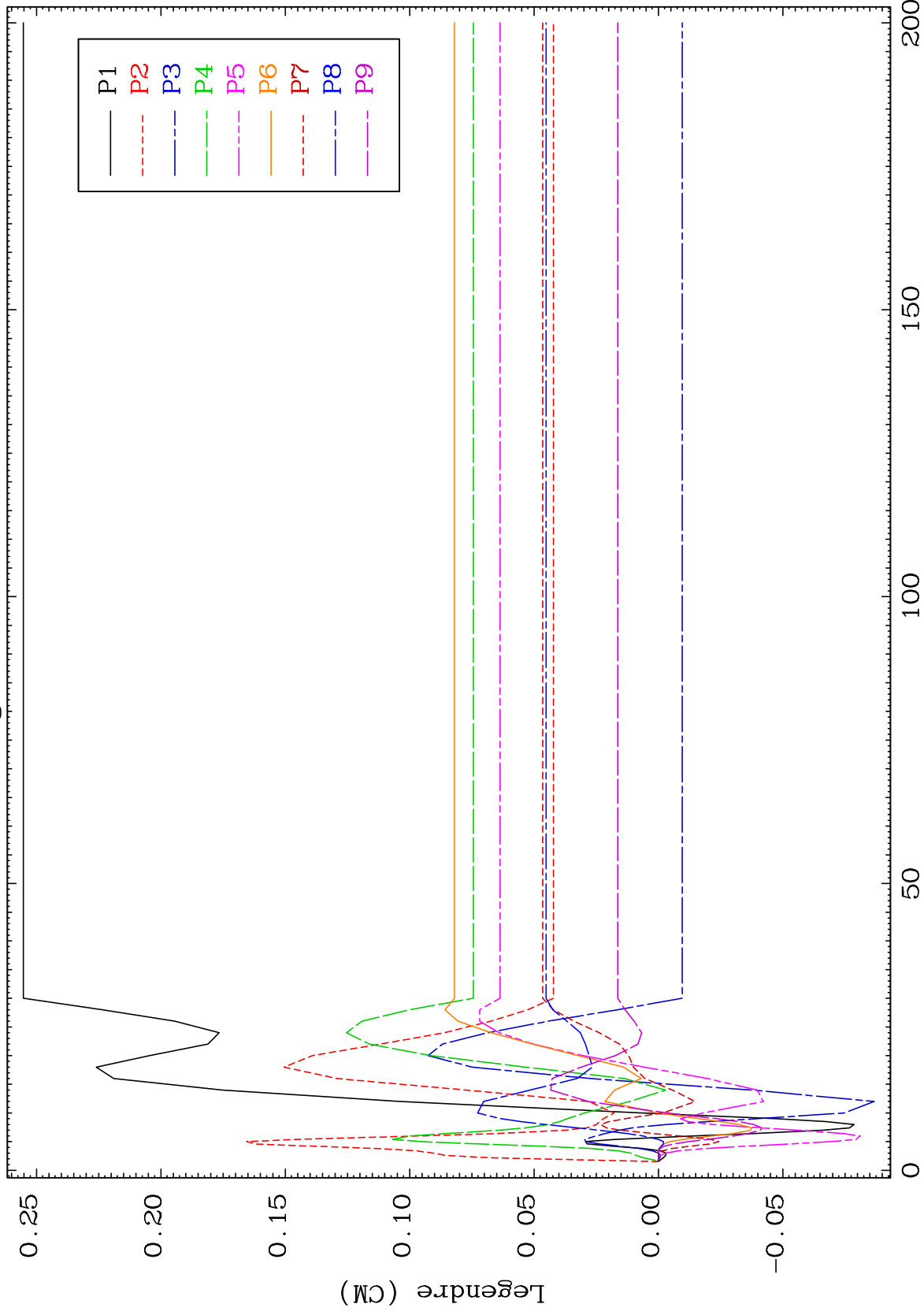
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

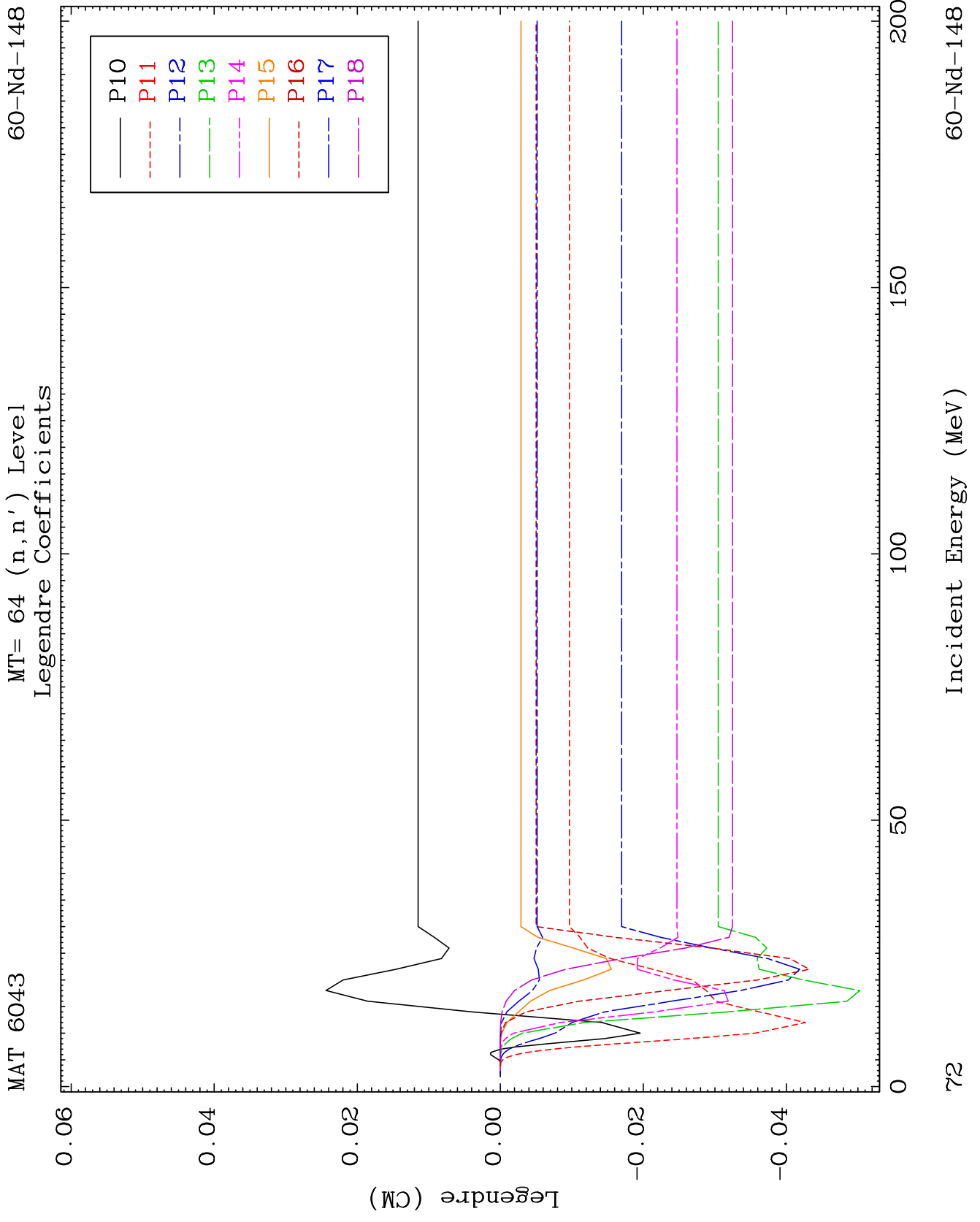
60-Nd-148



71

Incident Energy (MeV)

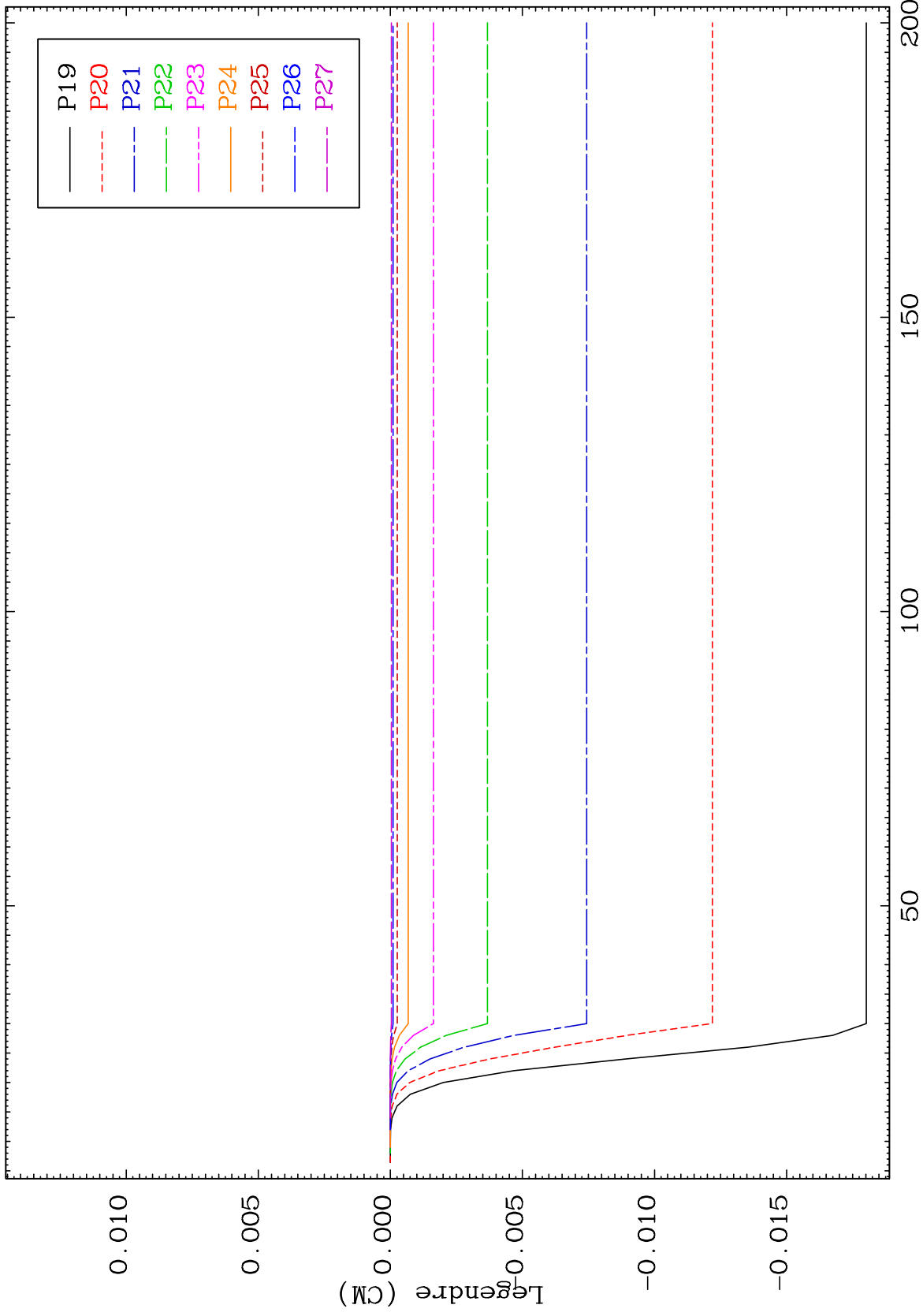
60-Nd-148



MAT 6043

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

60-Nd-148



73

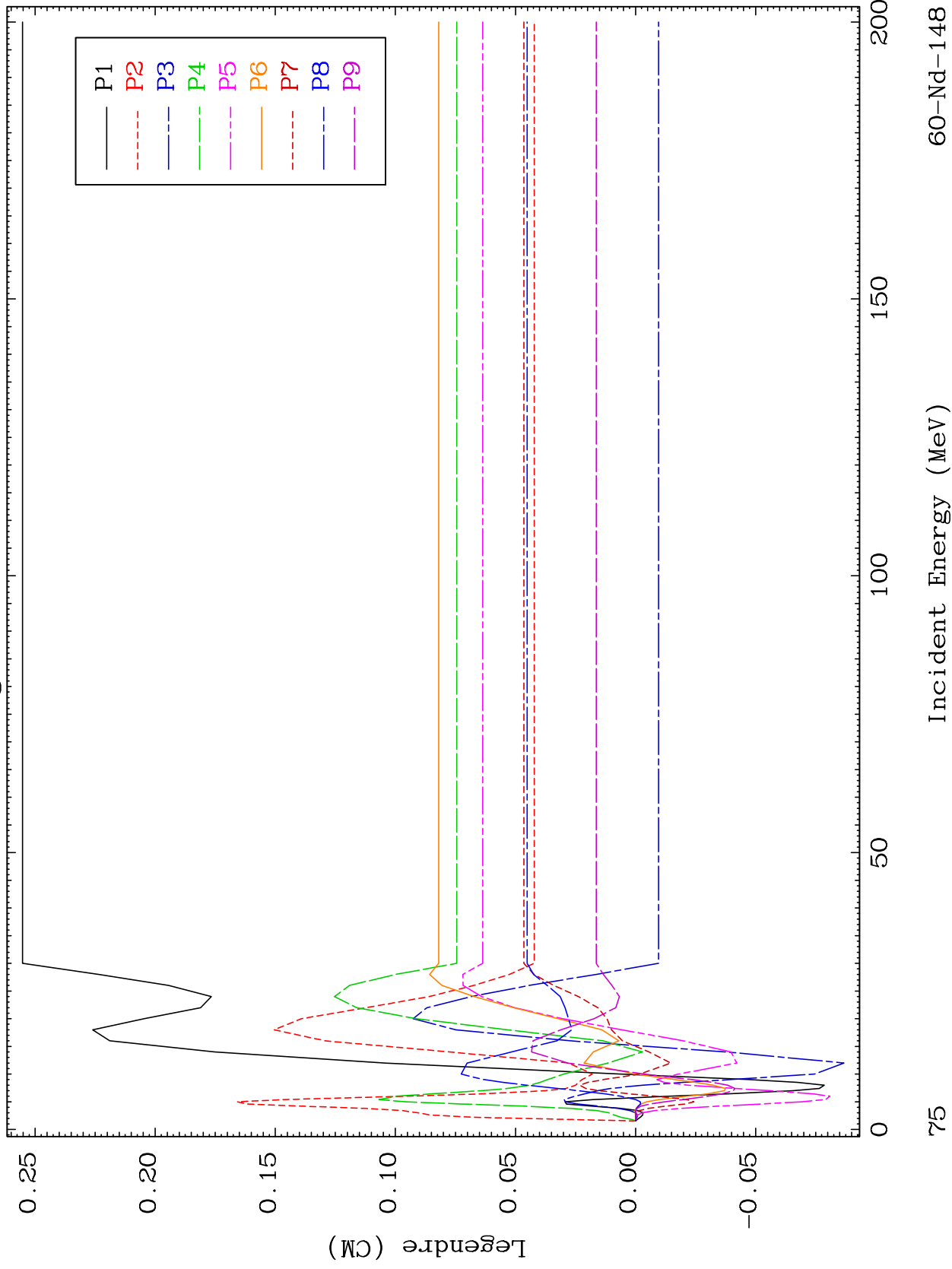
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

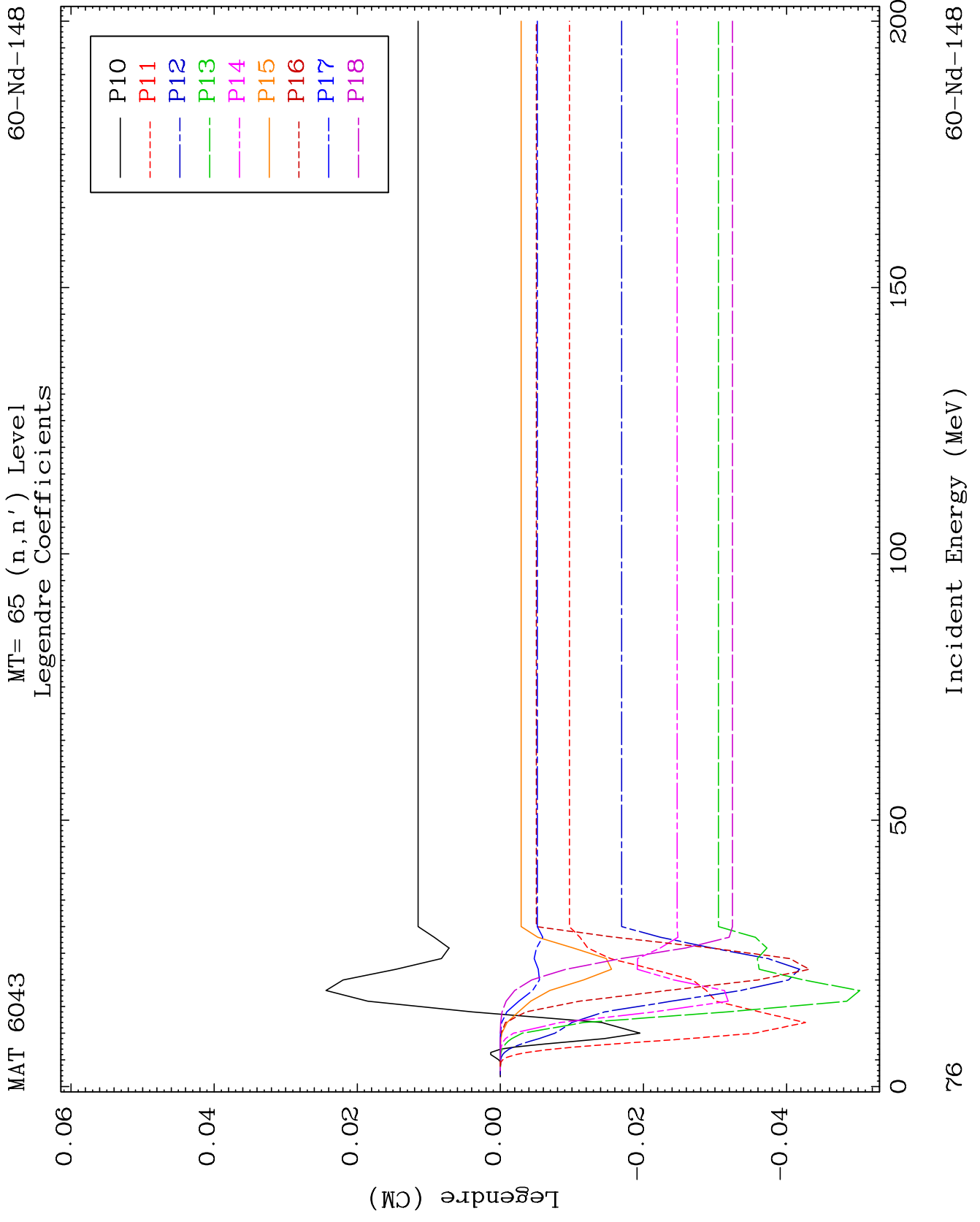
60-Nd-148



60-Nd-148

Incident Energy (MeV)

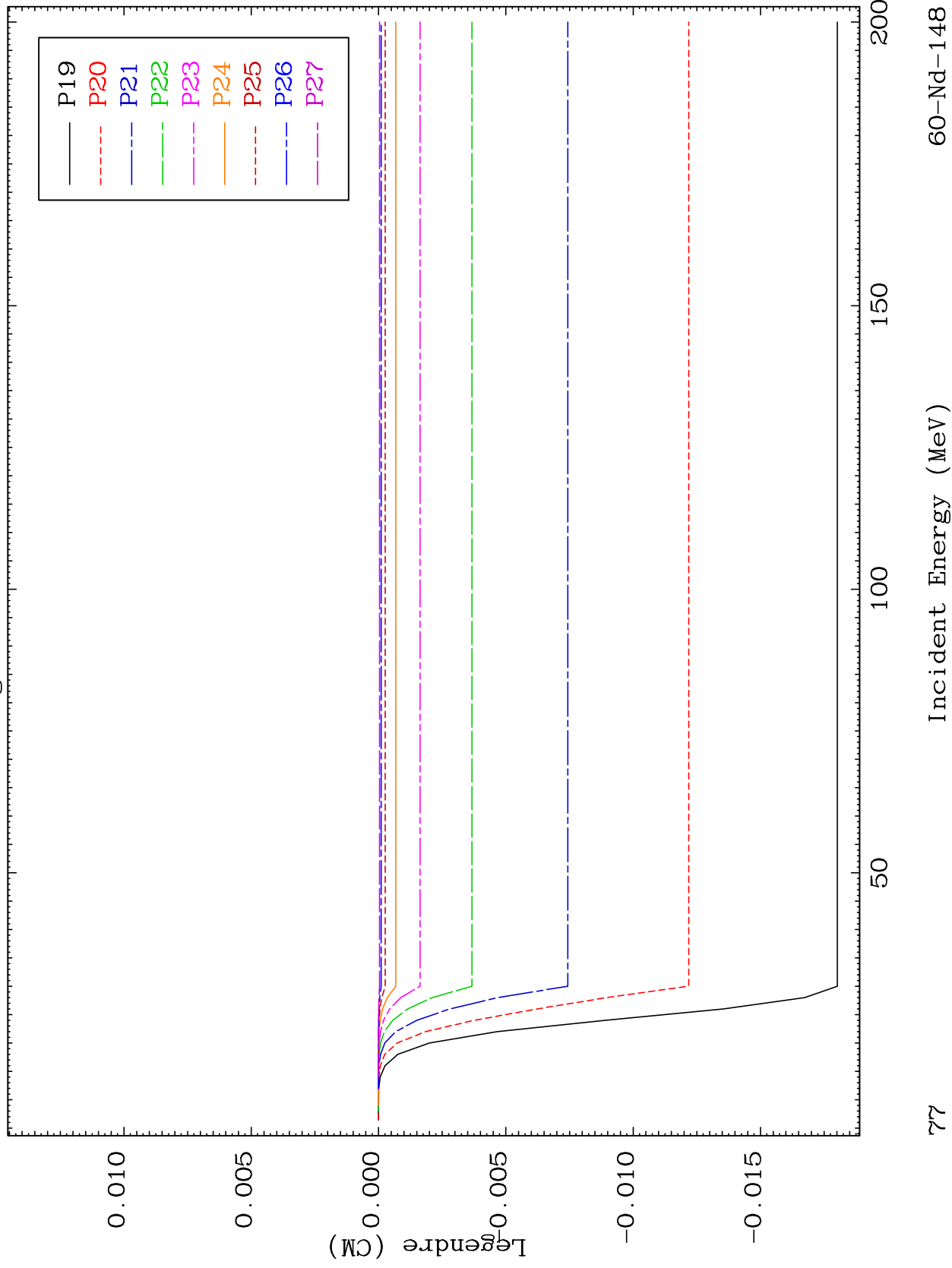
75



MAT 6043

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

60-Nd-148



77

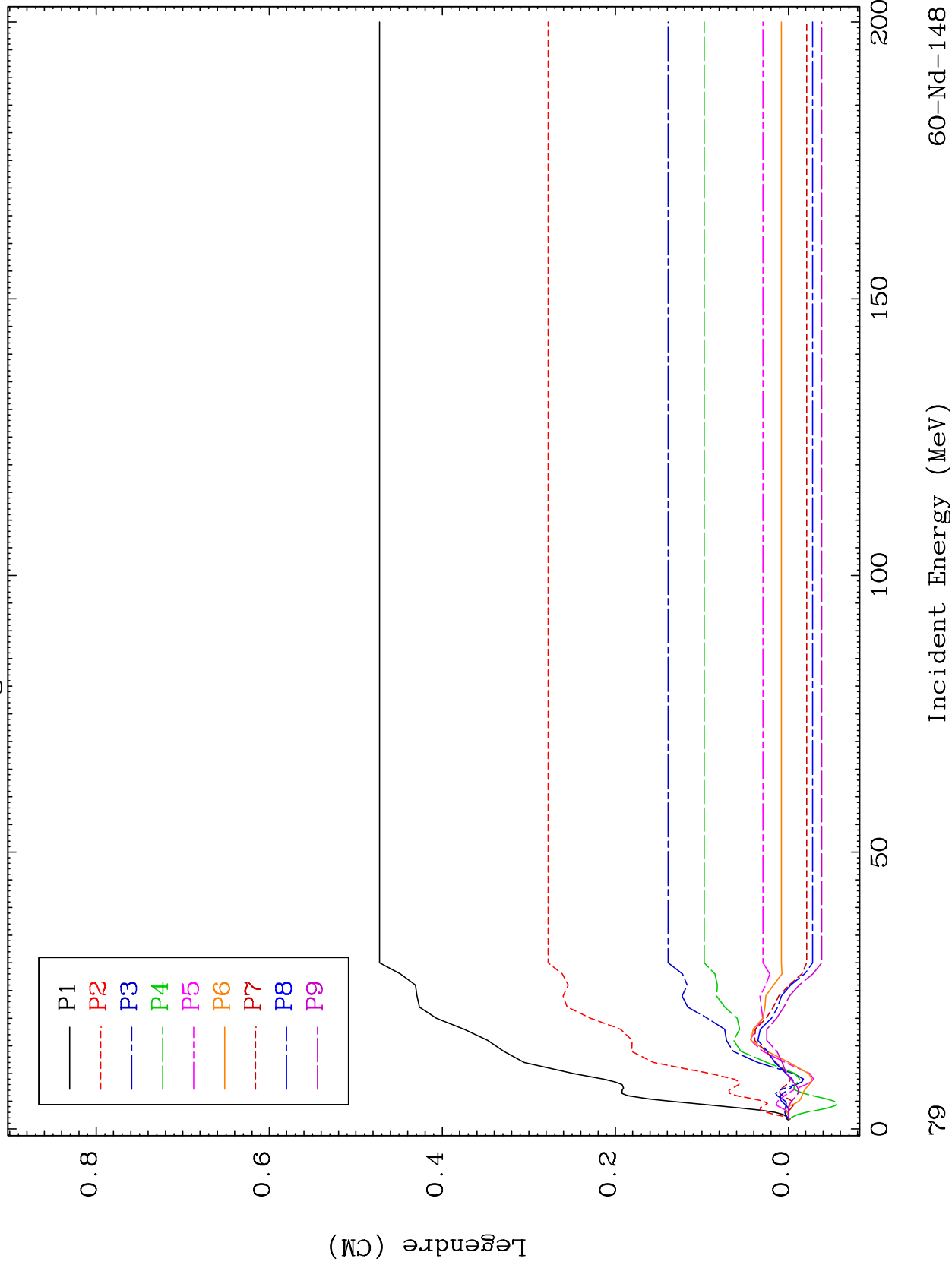
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

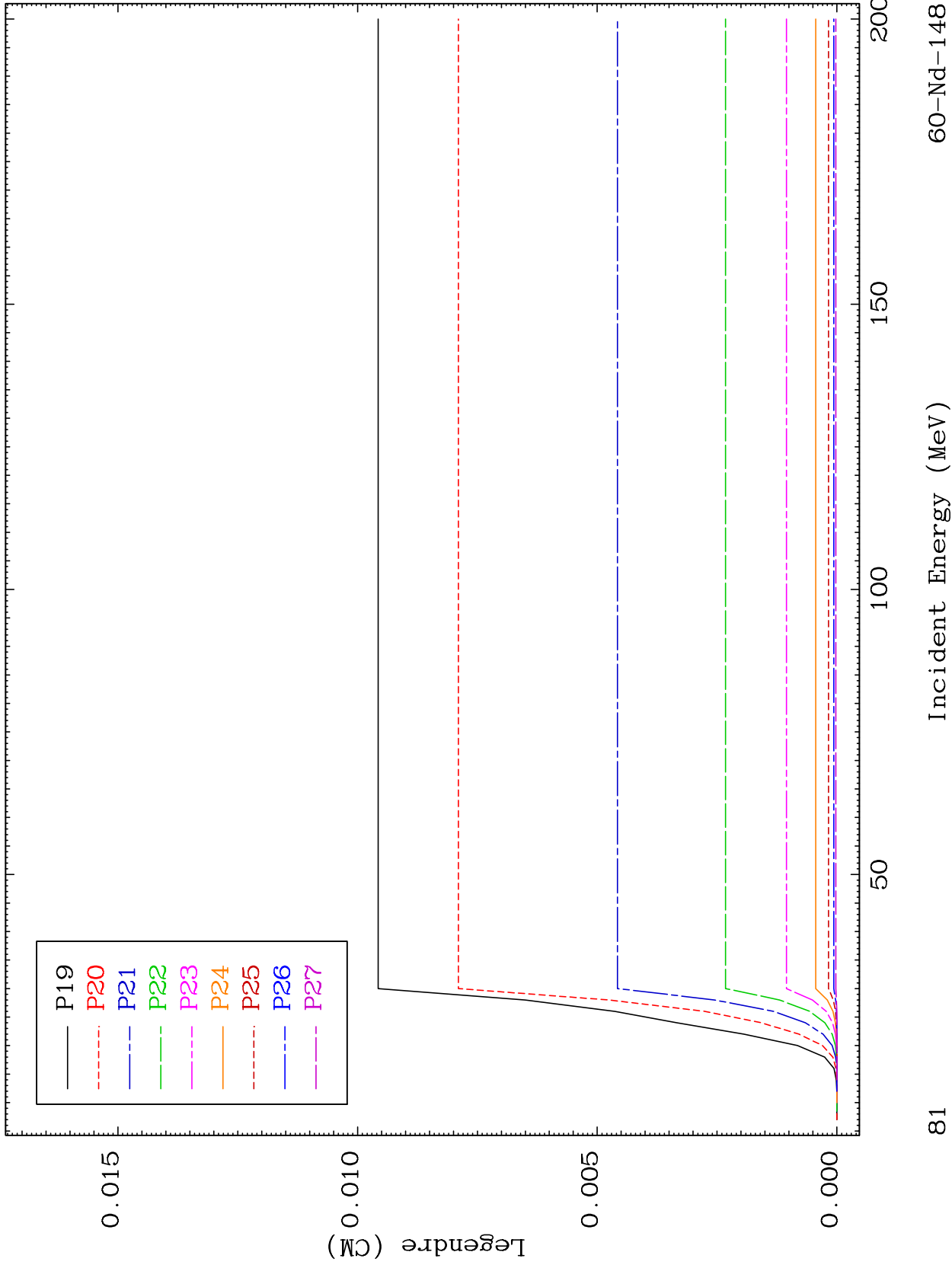
60-Nd-148



MAT 6043

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

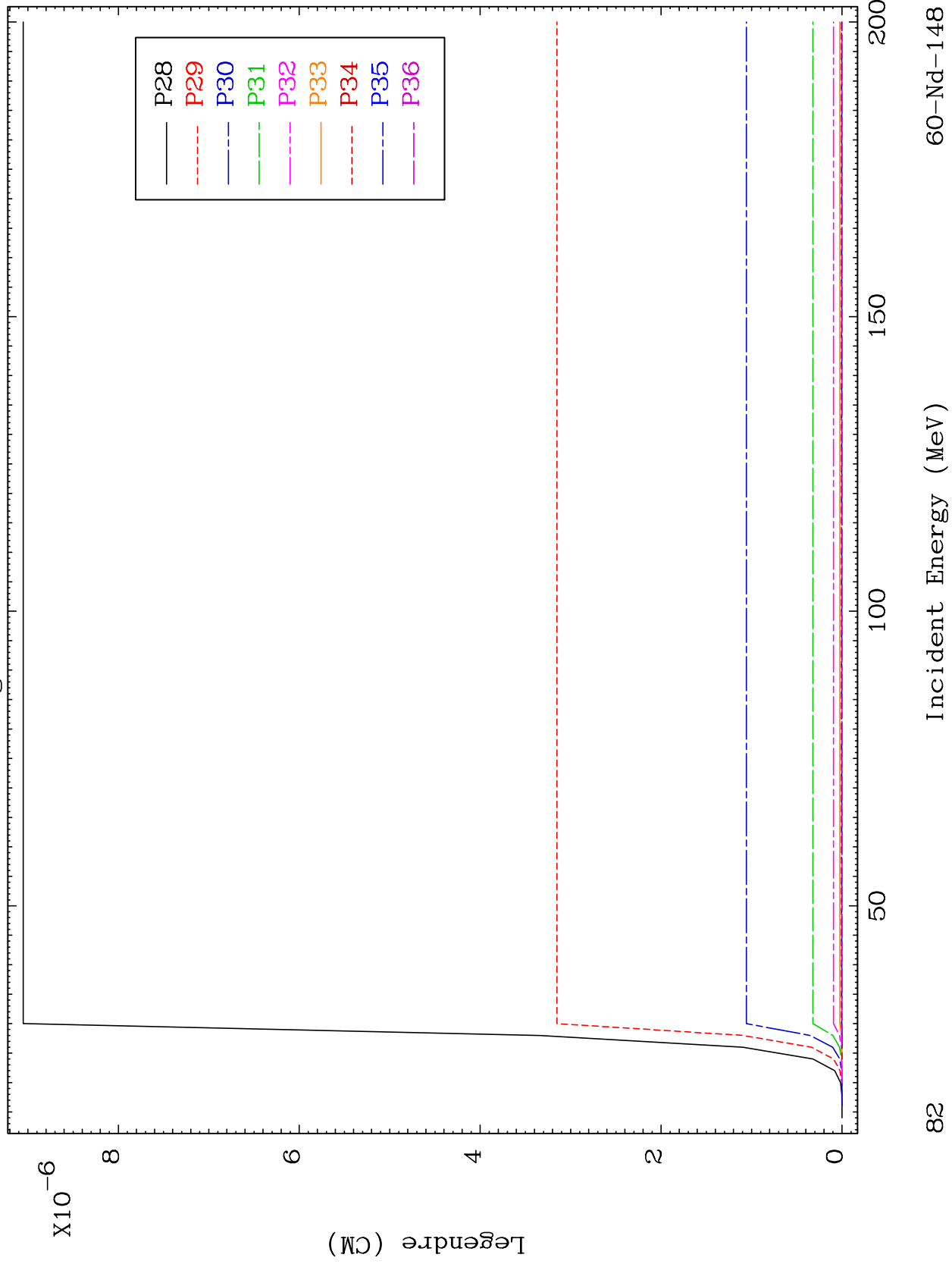
60-Nd-148

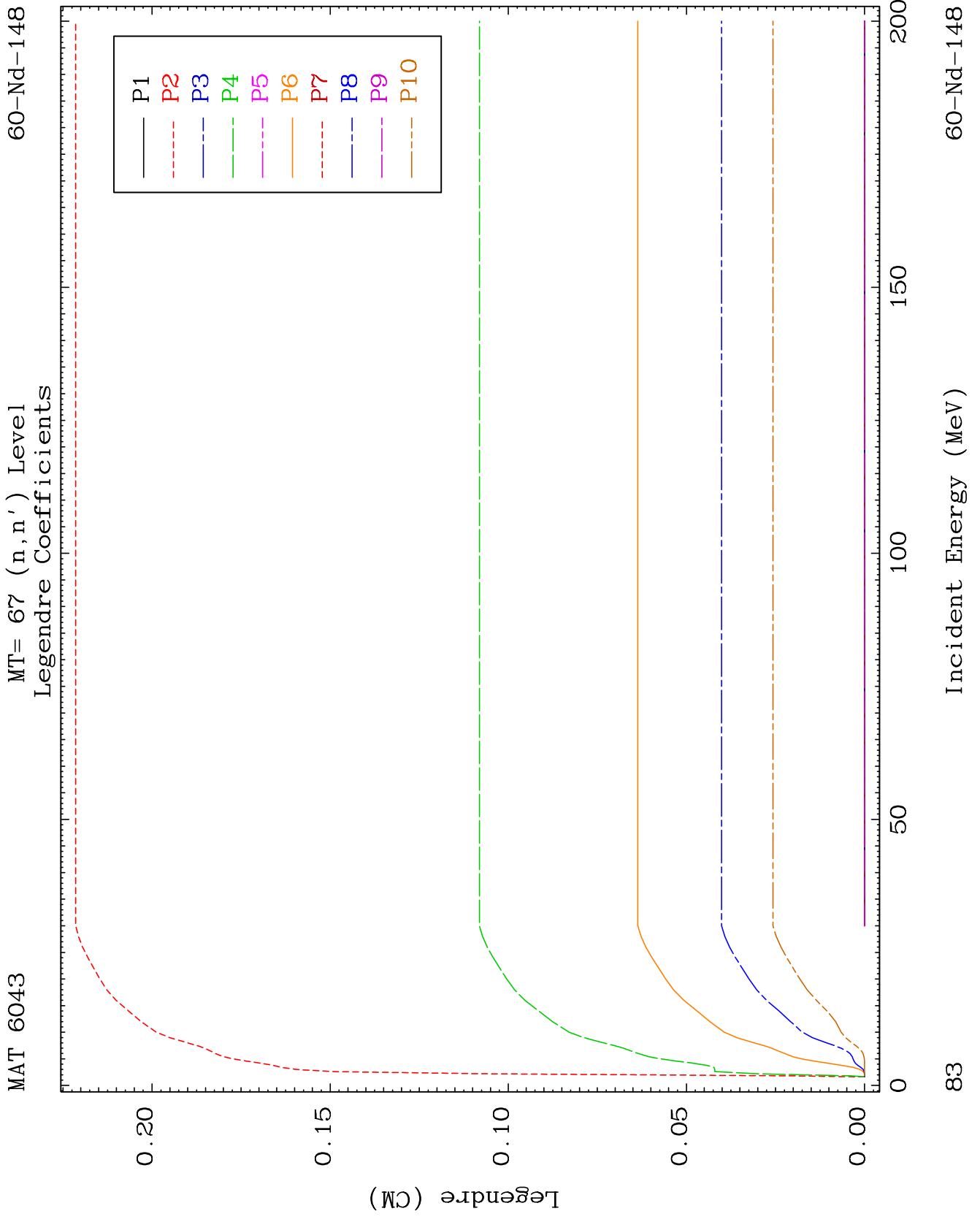


MAT 6043

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

60-Nd-148



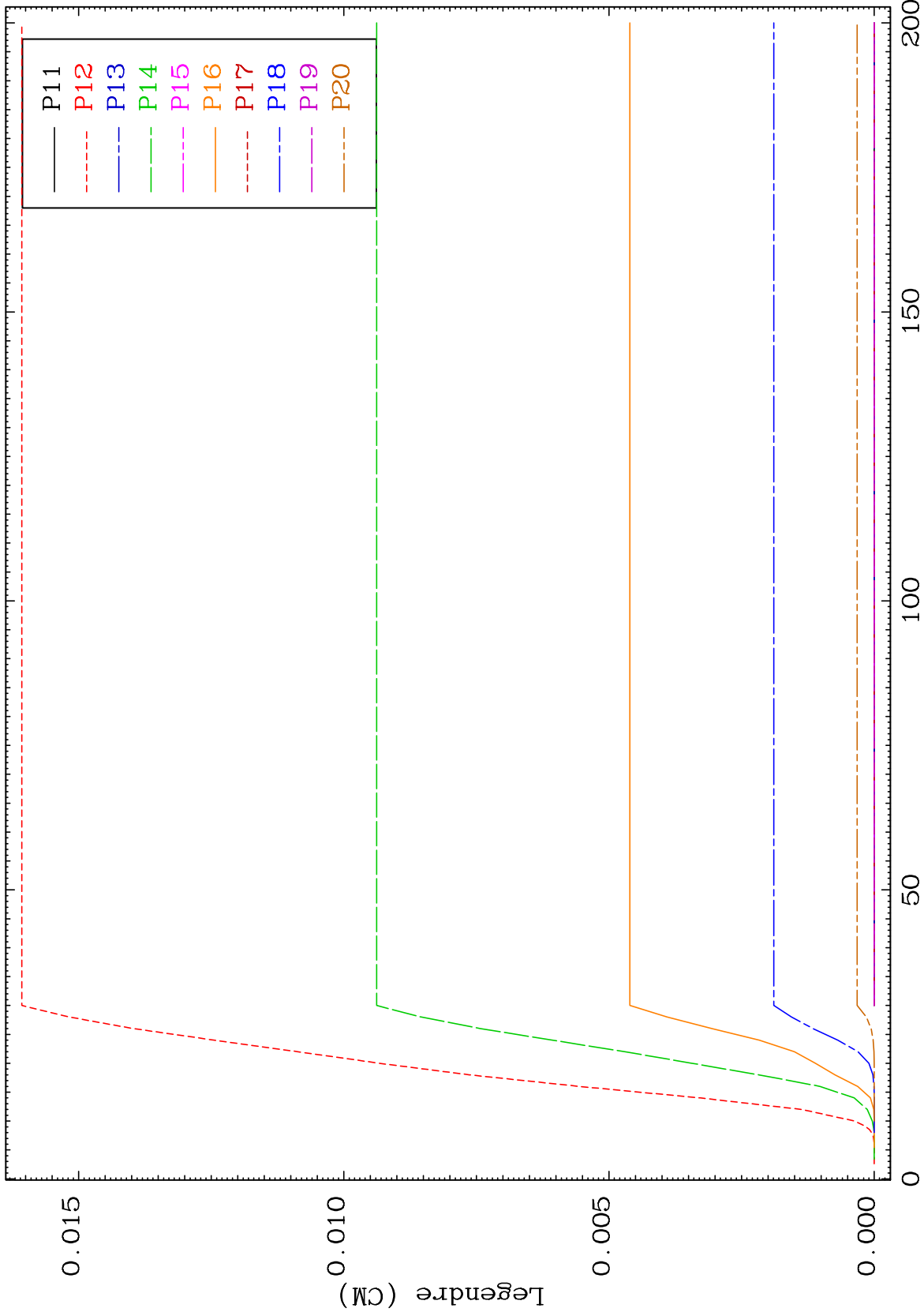


MAT 6043

MT= 67 (n,n') Level

60-Nd-148

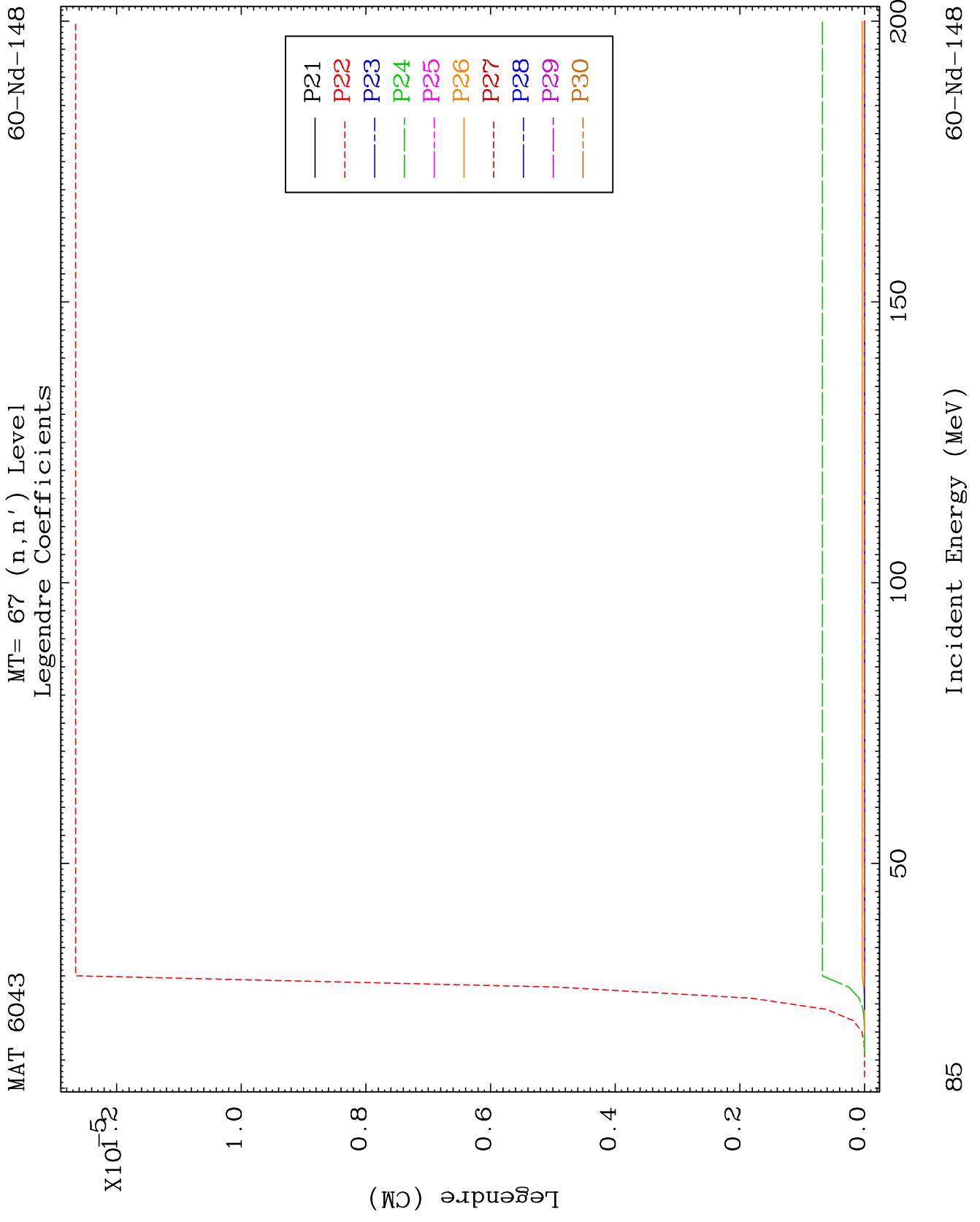
Legendre Coefficients



84

Incident Energy (MeV)

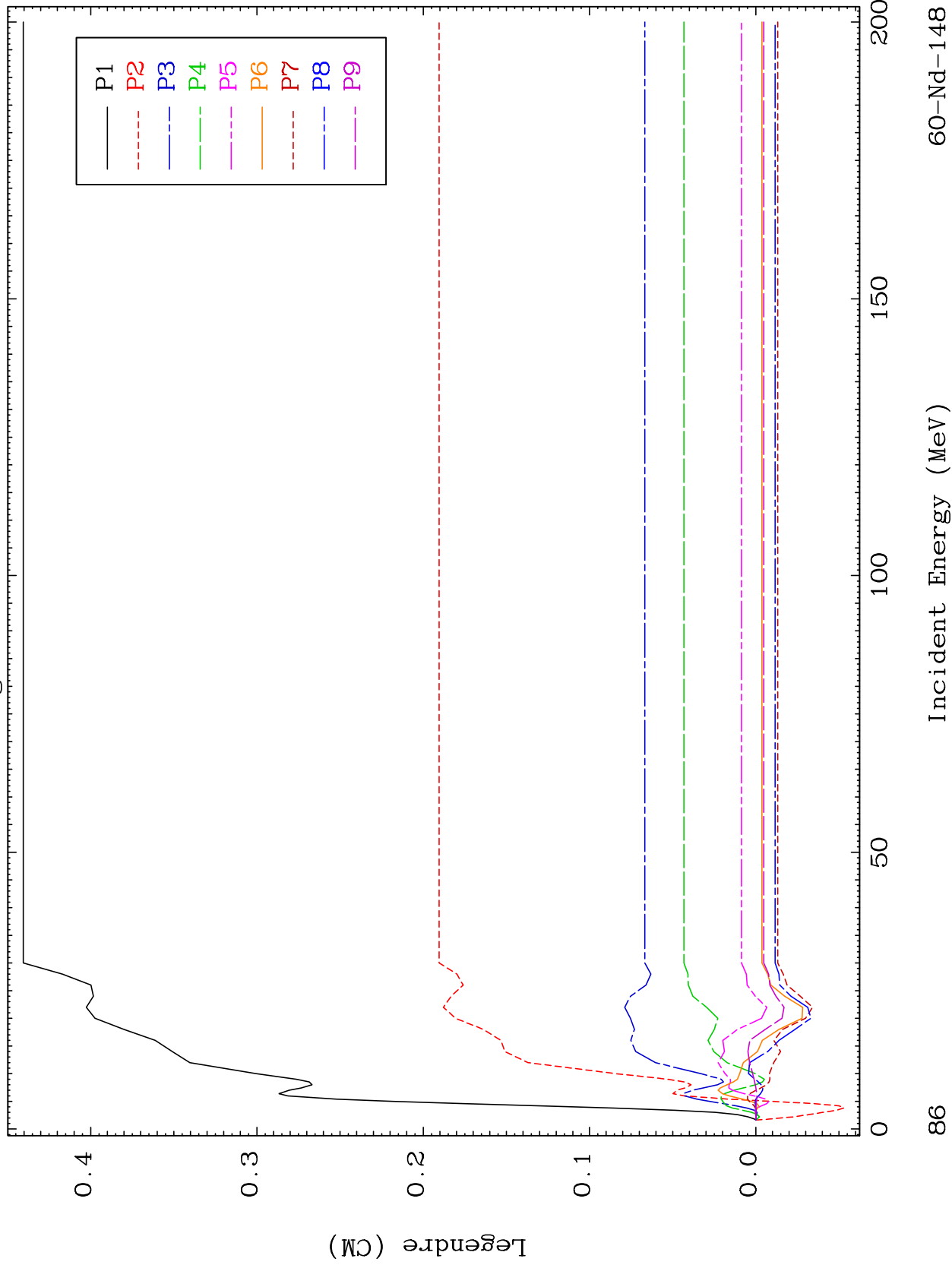
60-Nd-148



MAT 6043

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

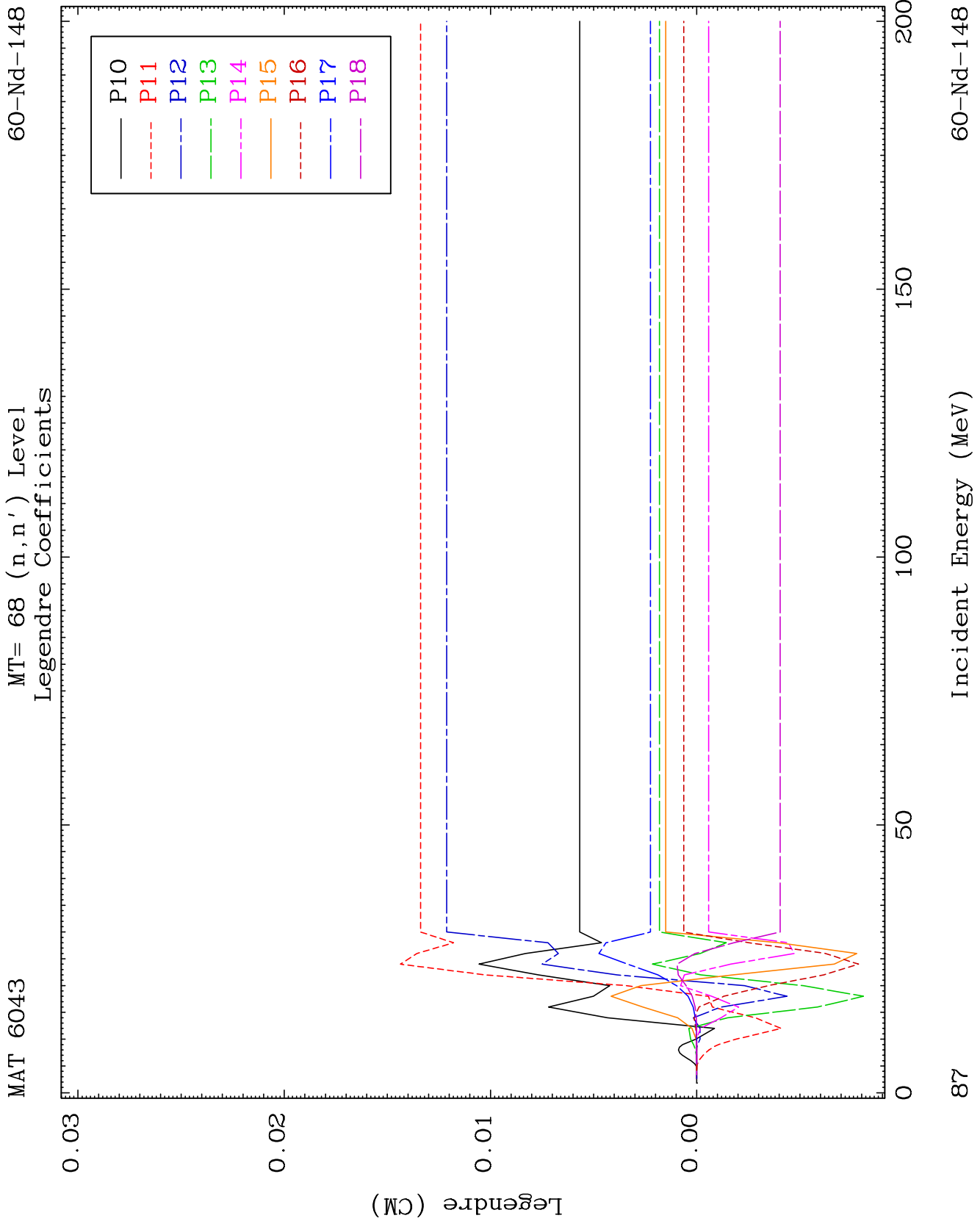
60-Nd-148



60-Nd-148

Incident Energy (MeV)

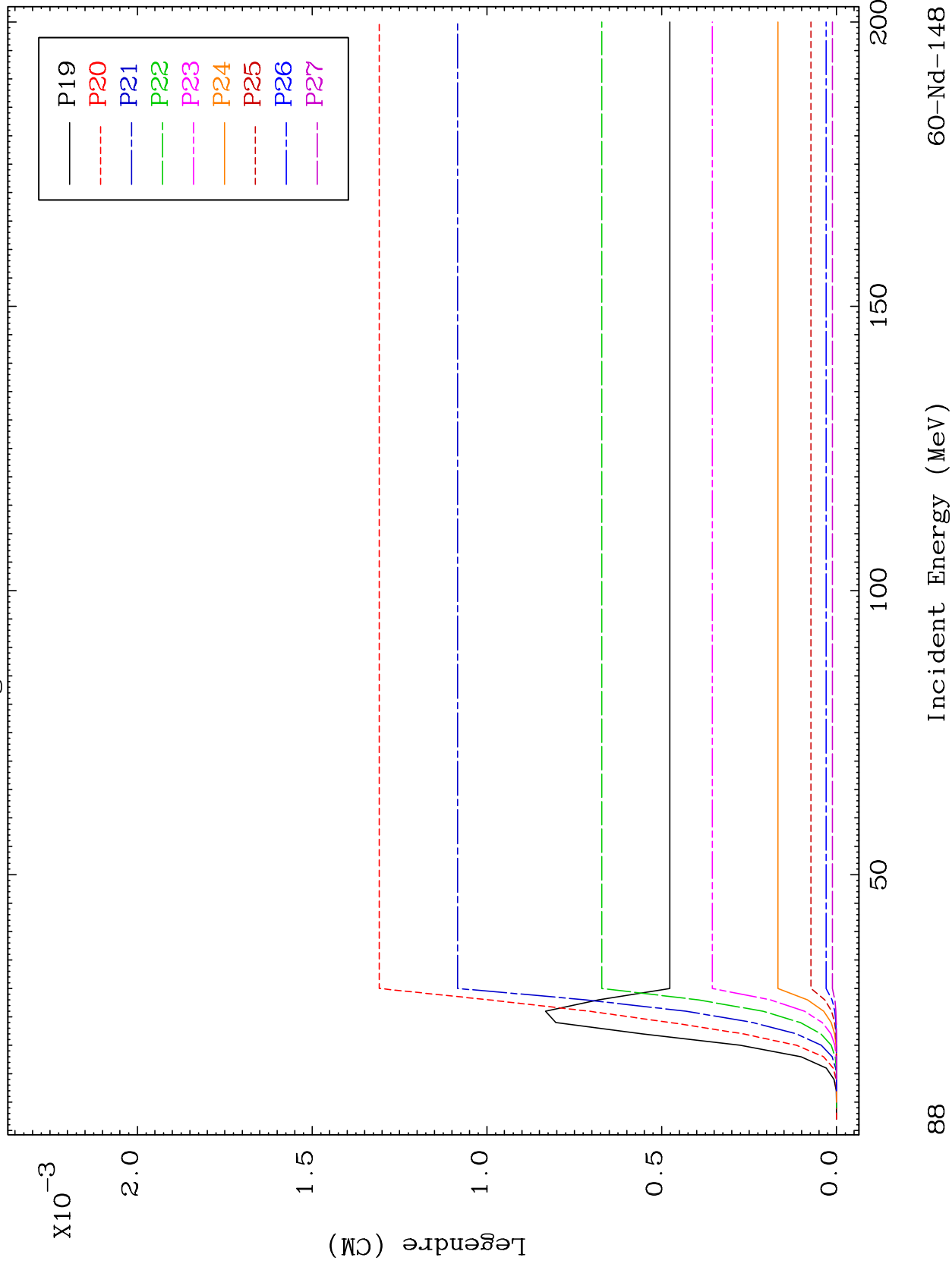
86



MAT 6043

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

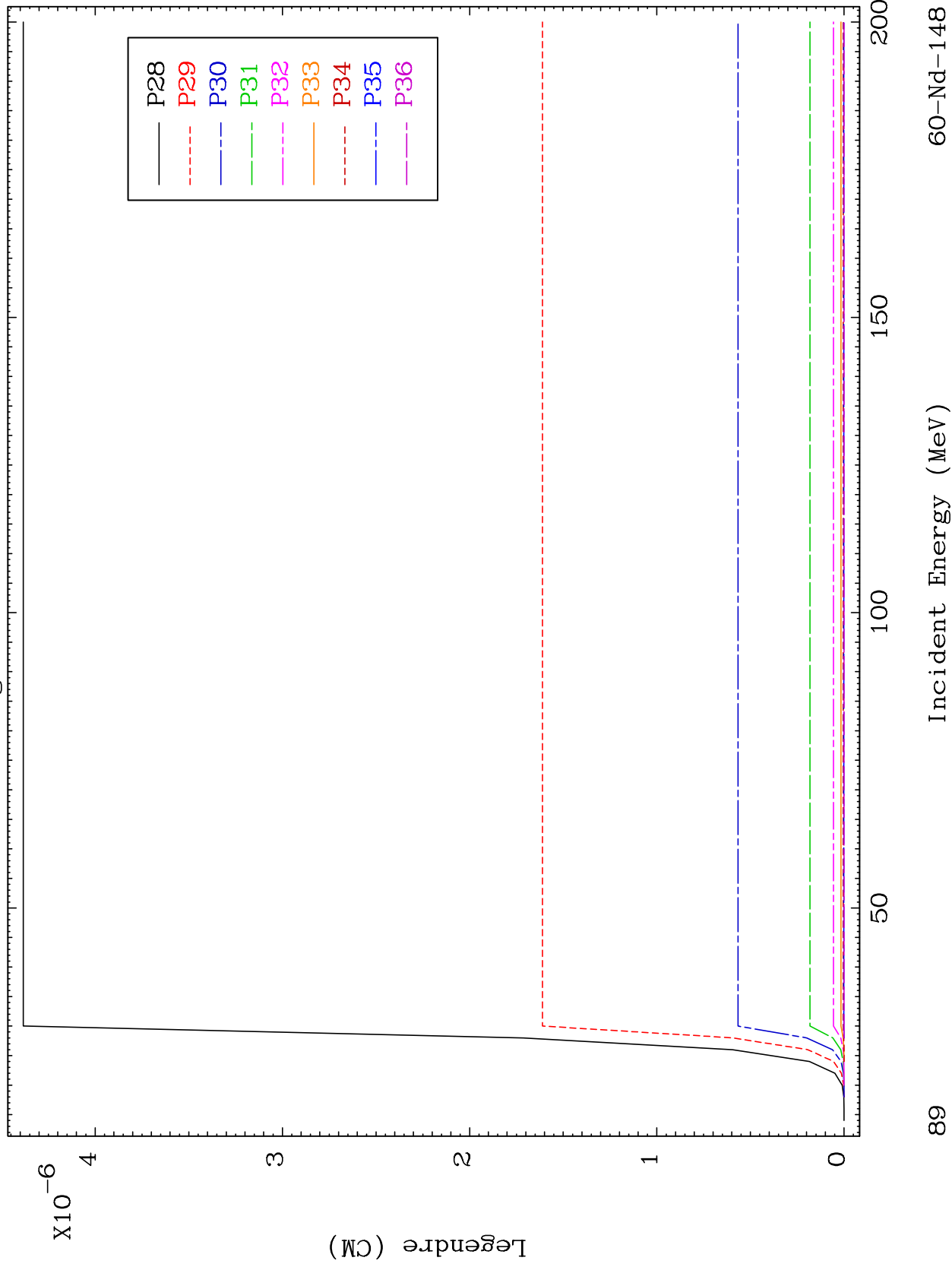
60-Nd-148



MAT 6043

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

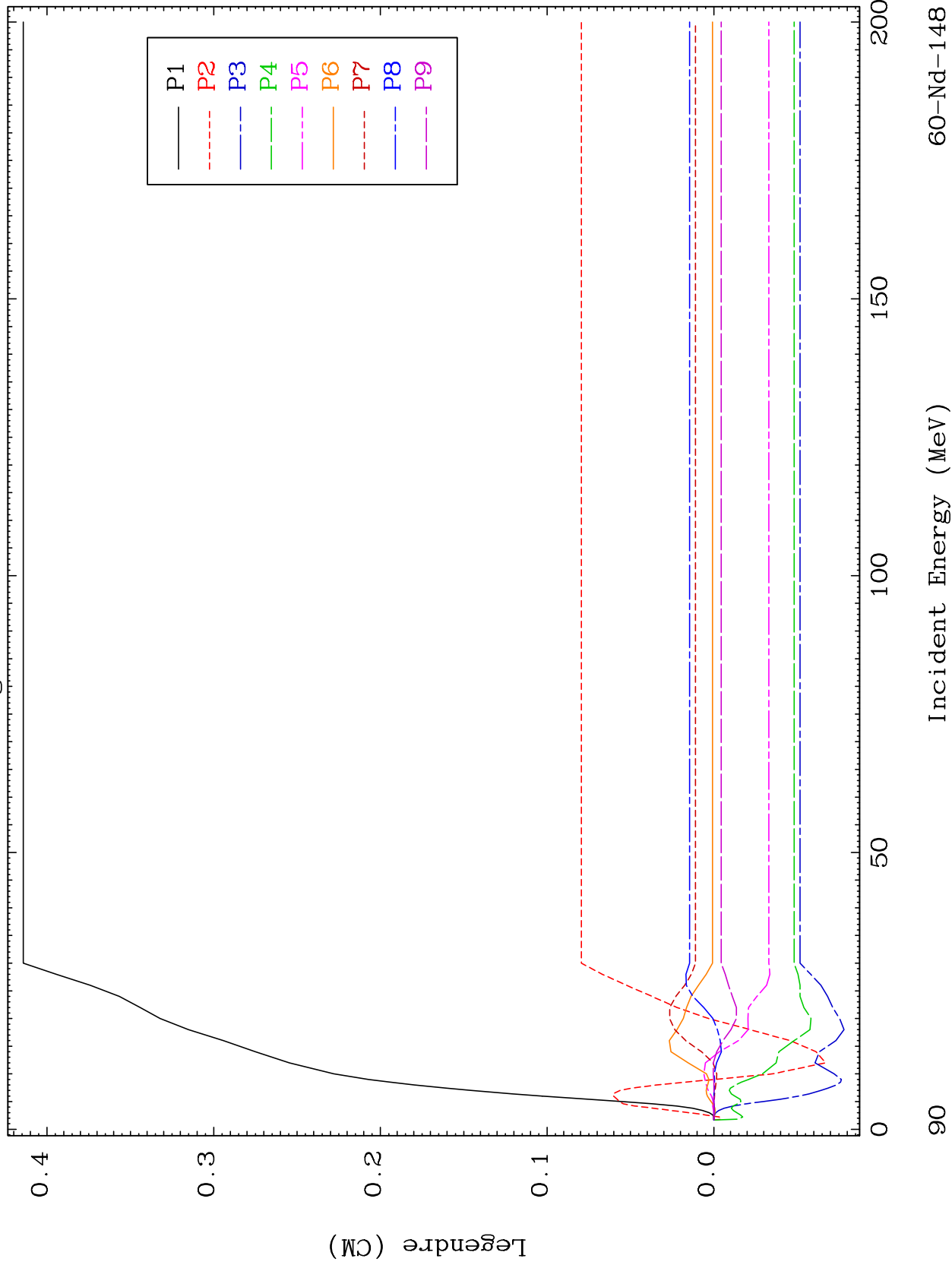
60-Nd-148



MAT 6043

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

60-Nd-148



60-Nd-148

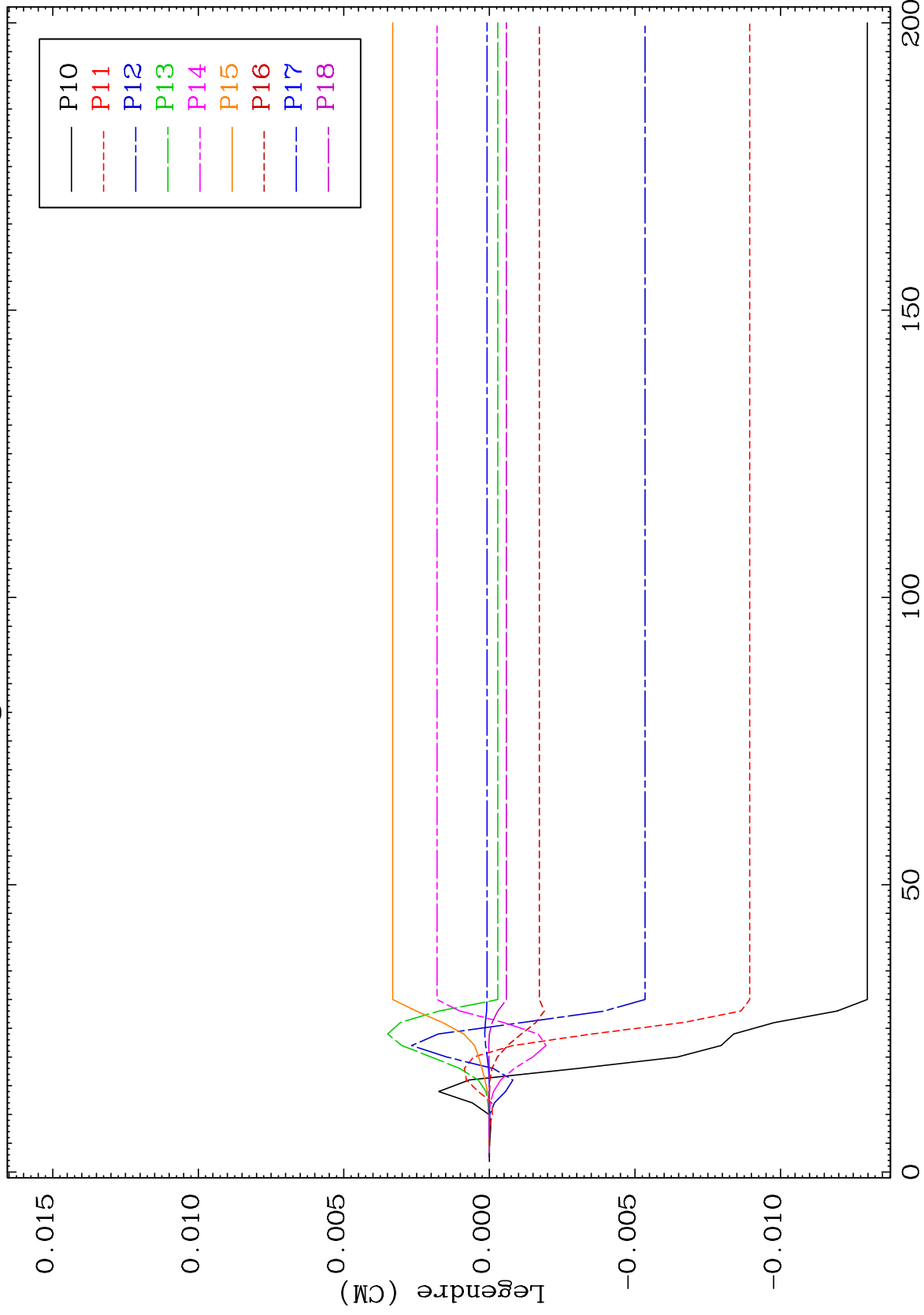
Incident Energy (MeV)

90

MAT 6043

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

60-Nd-148



91

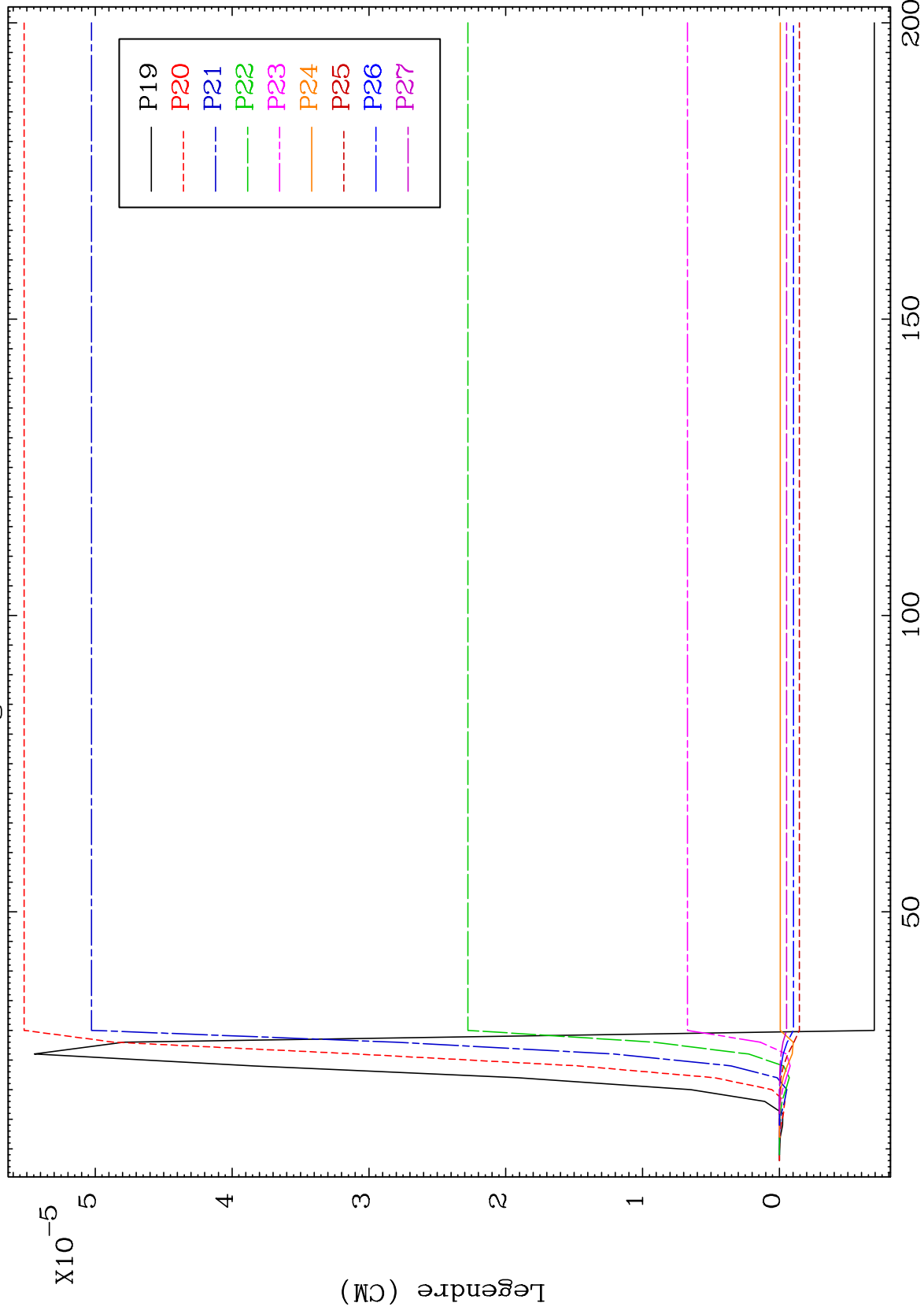
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



92

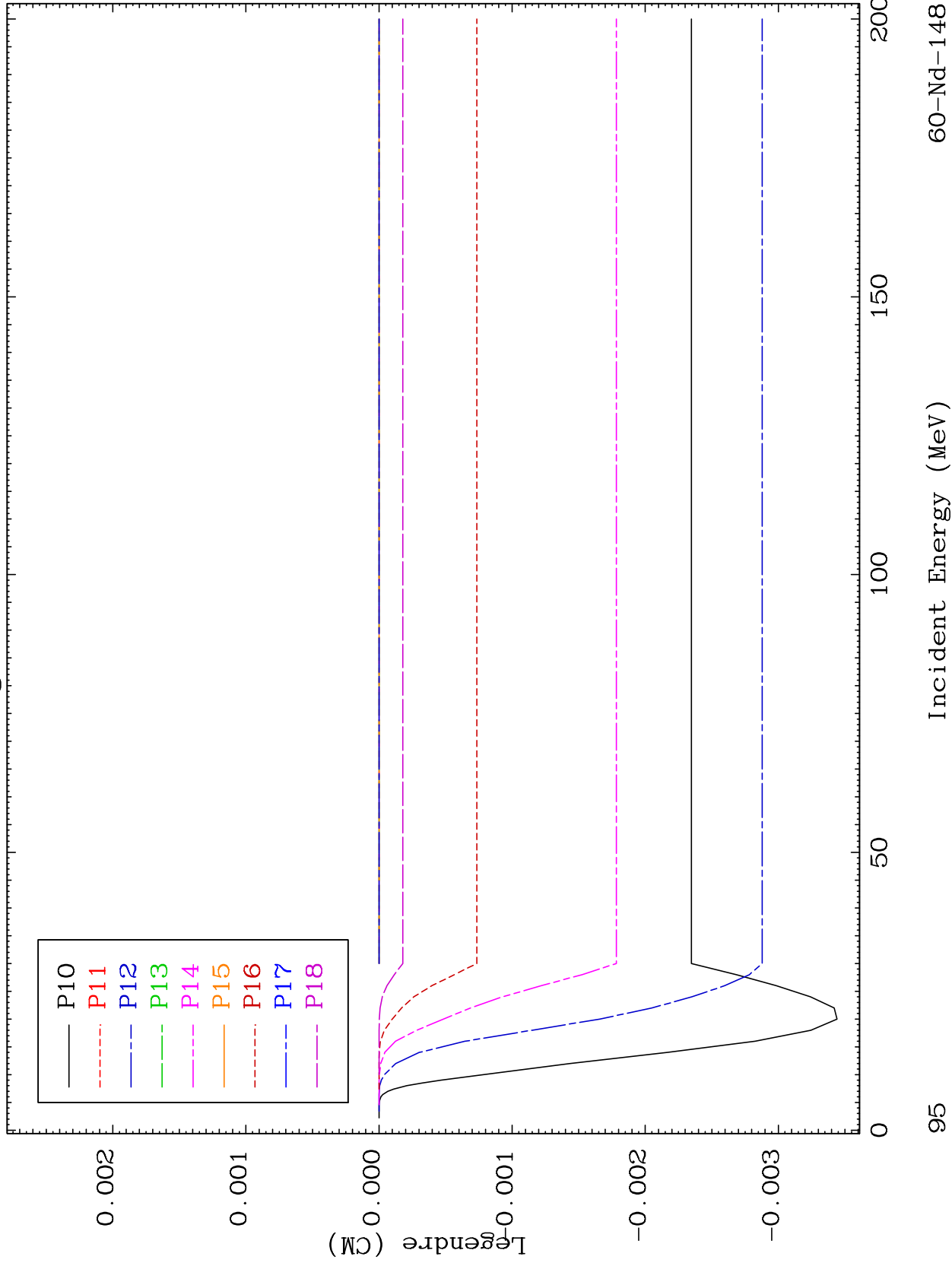
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

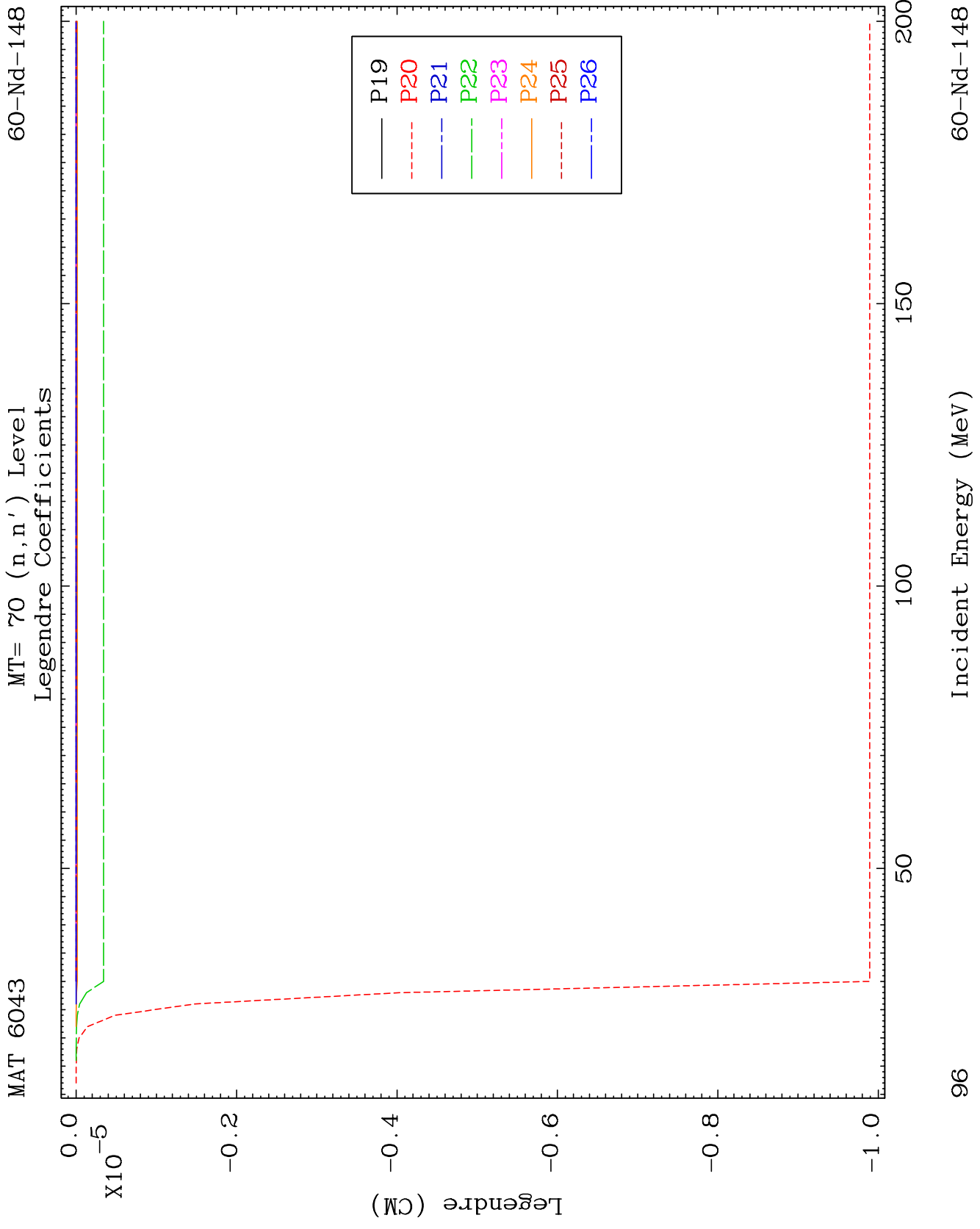
60-Nd-148



60-Nd-148

Incident Energy (MeV)

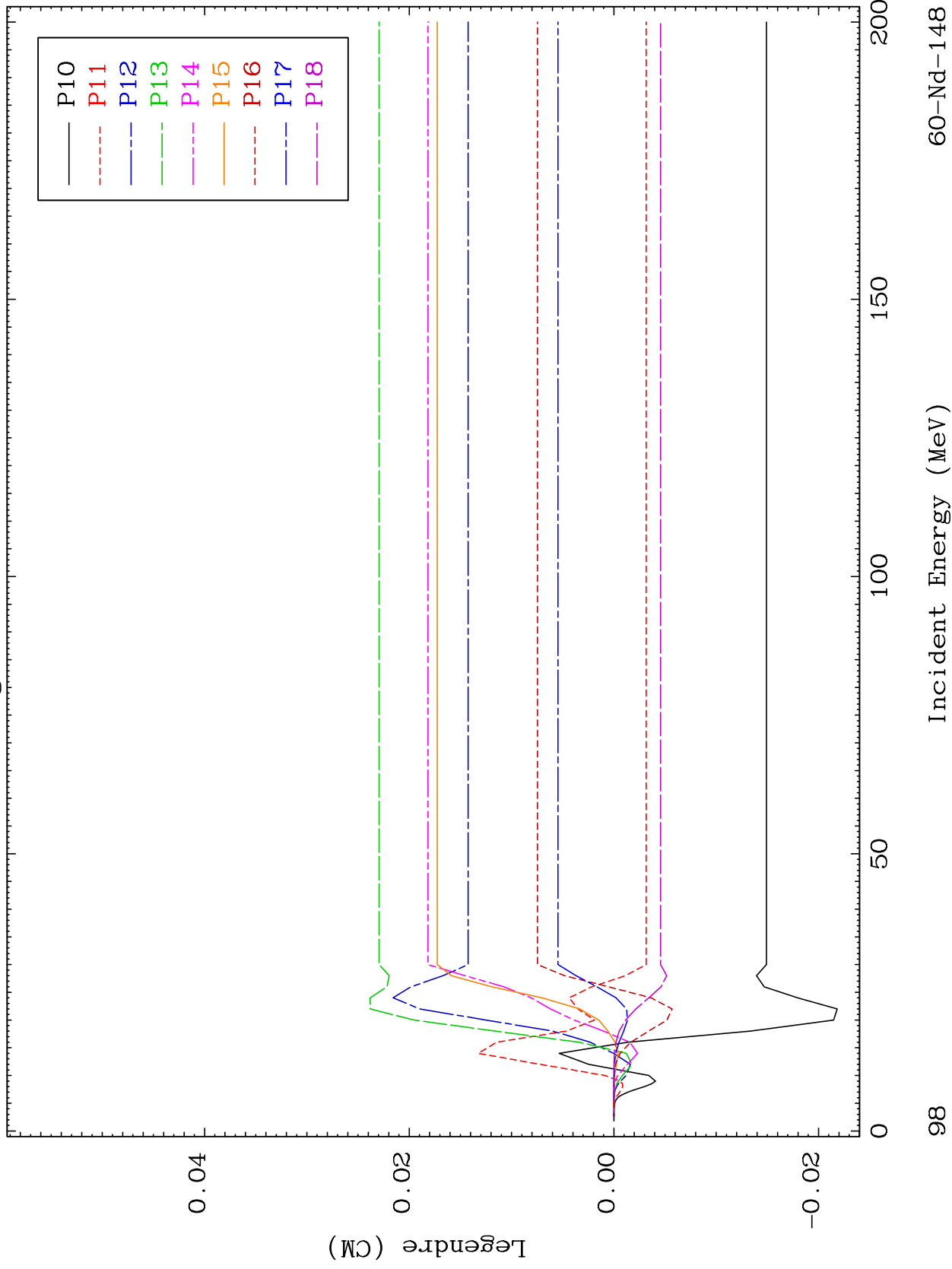
95



MAT 6043

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

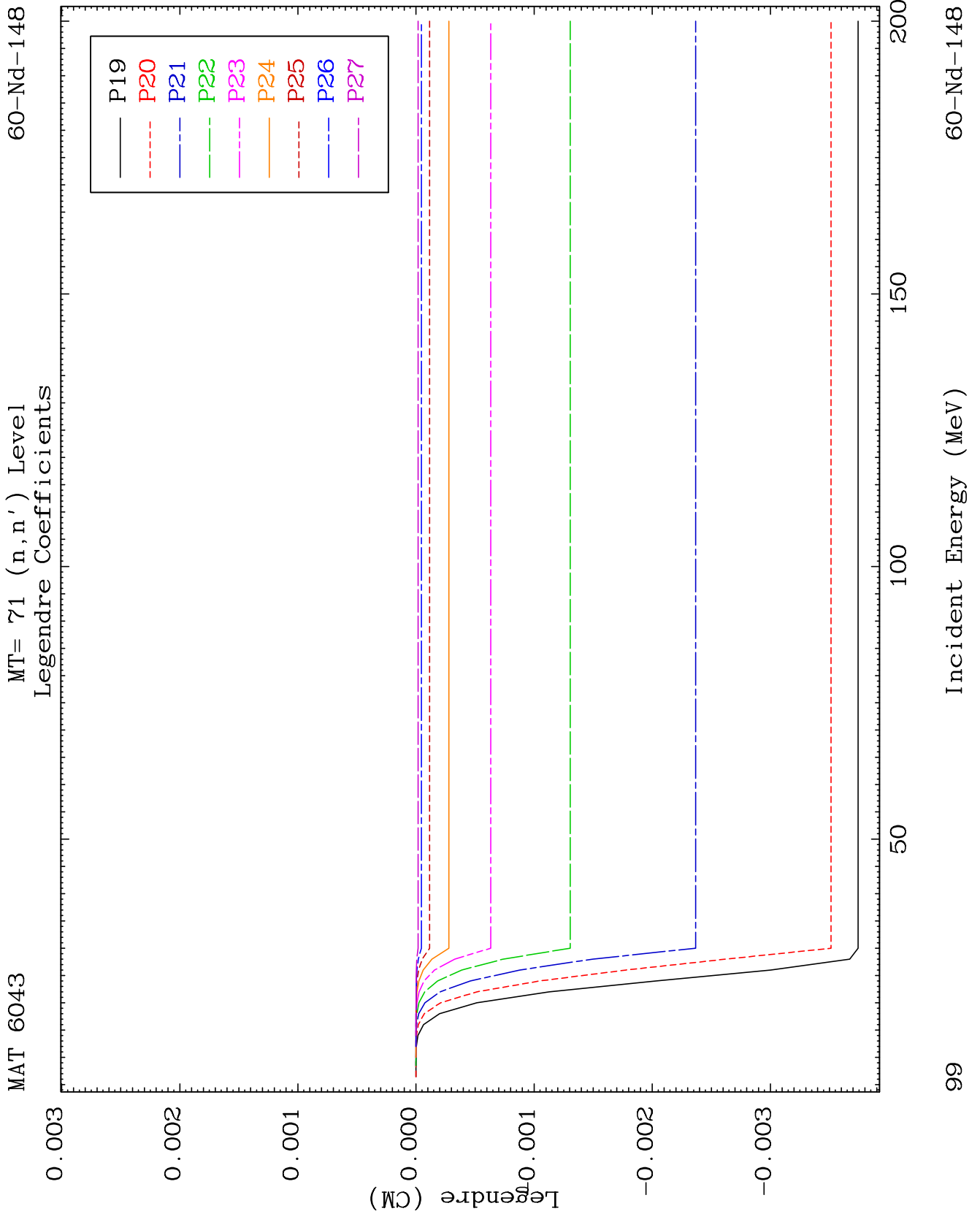
60-Nd-148

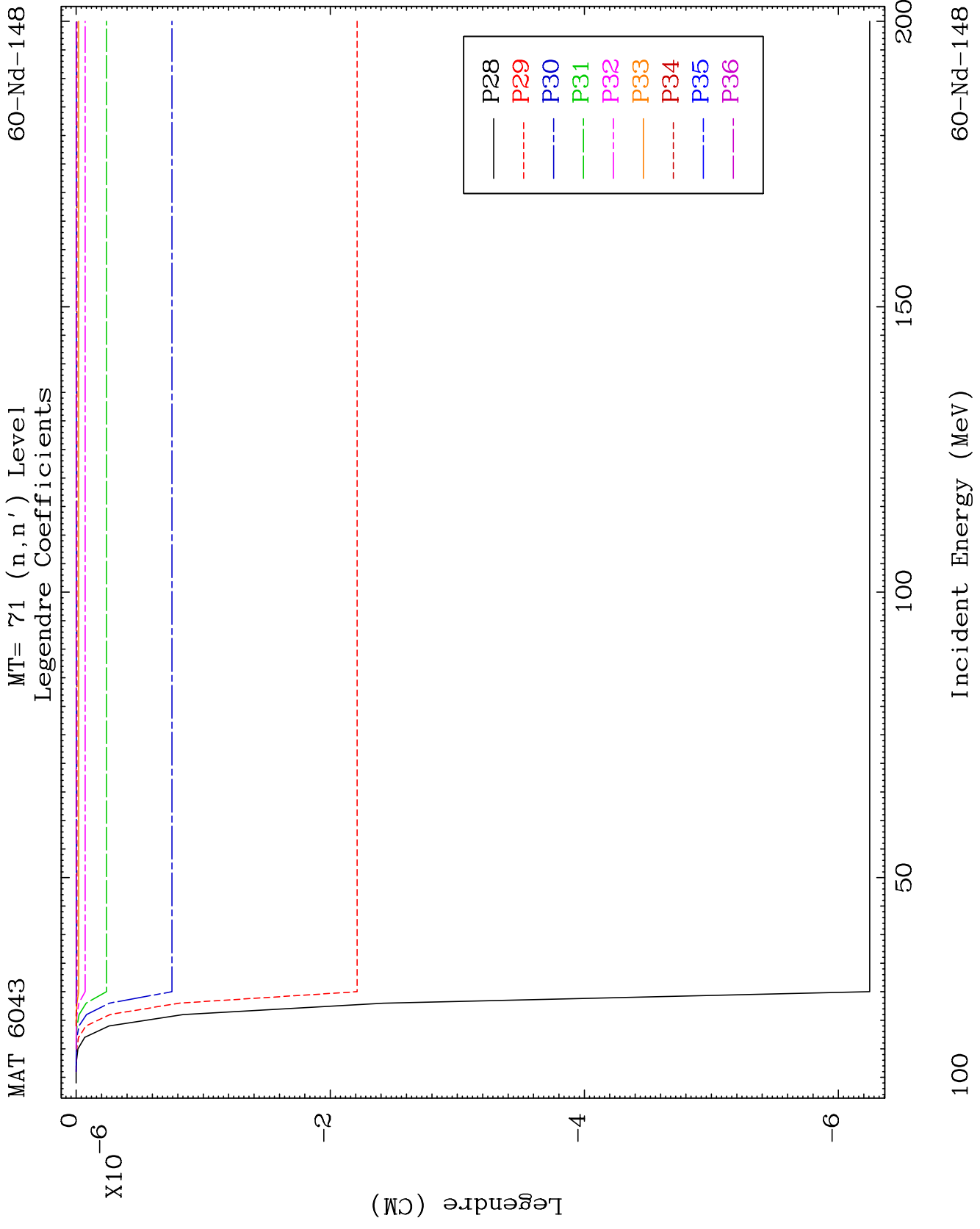


60-Nd-148

Incident Energy (MeV)

98

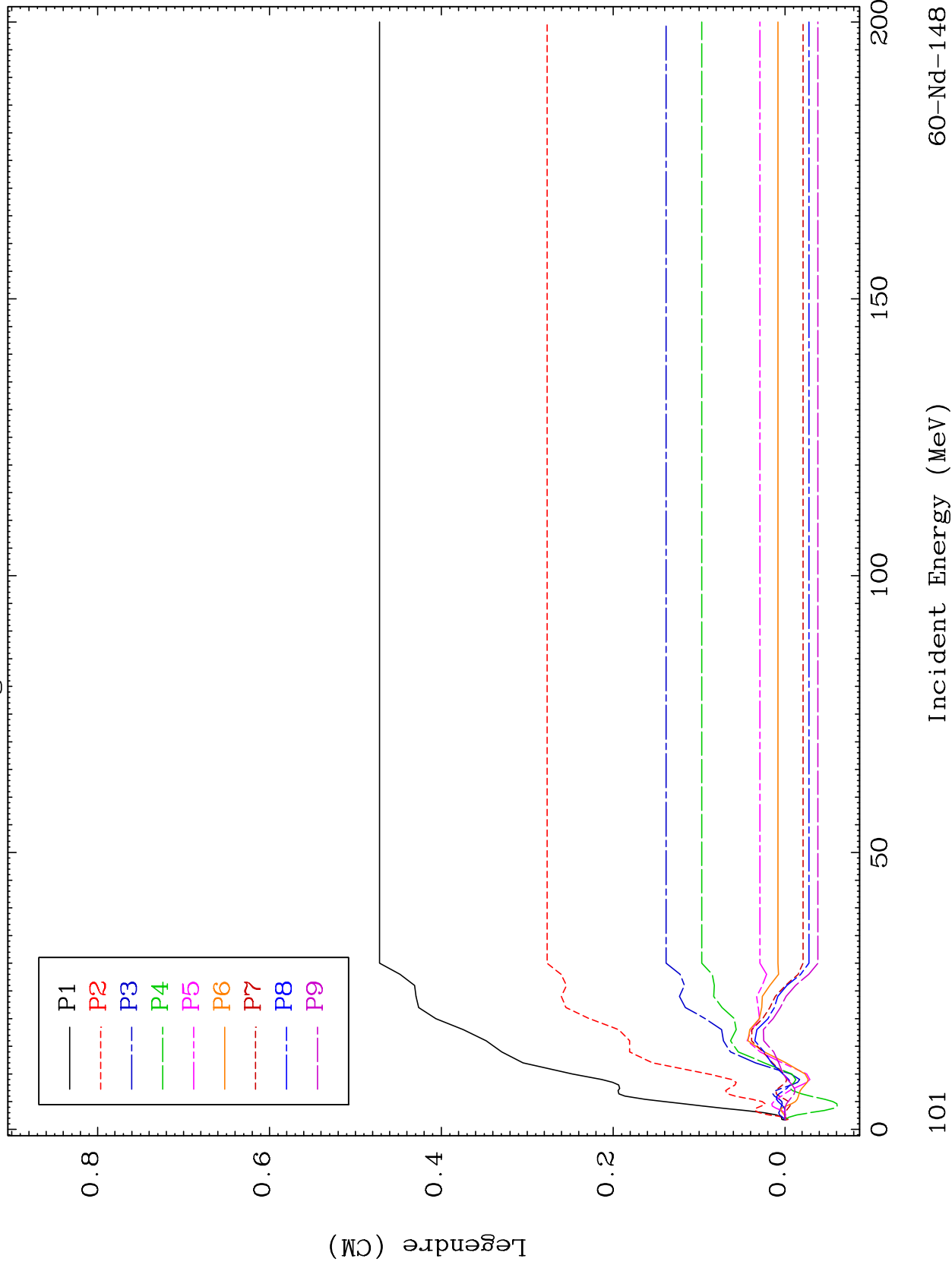




MAT 6043

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

60-Nd-148



60-Nd-148

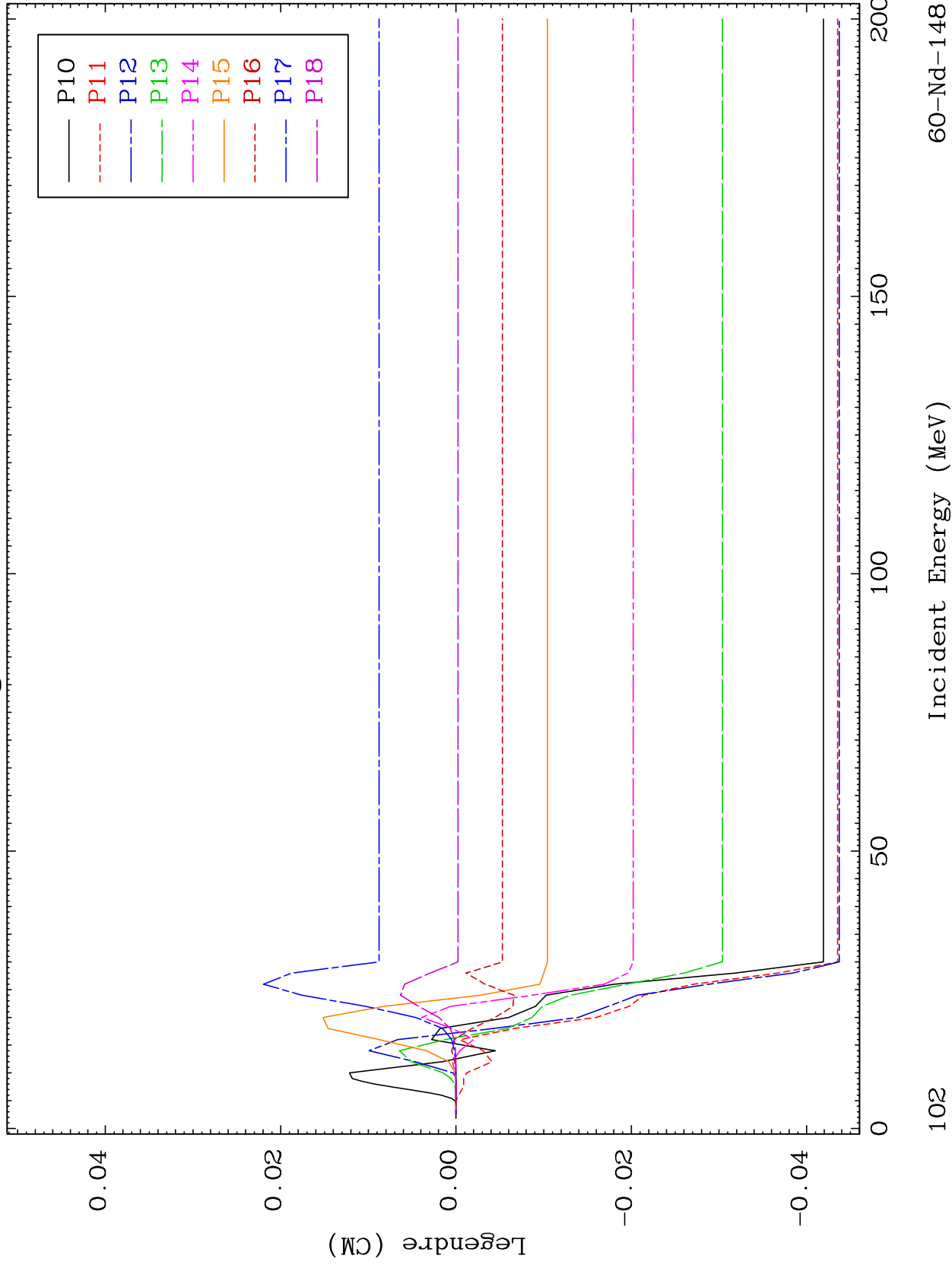
Incident Energy (MeV)

101

MAT 6043

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

60-Nd-148



60-Nd-148

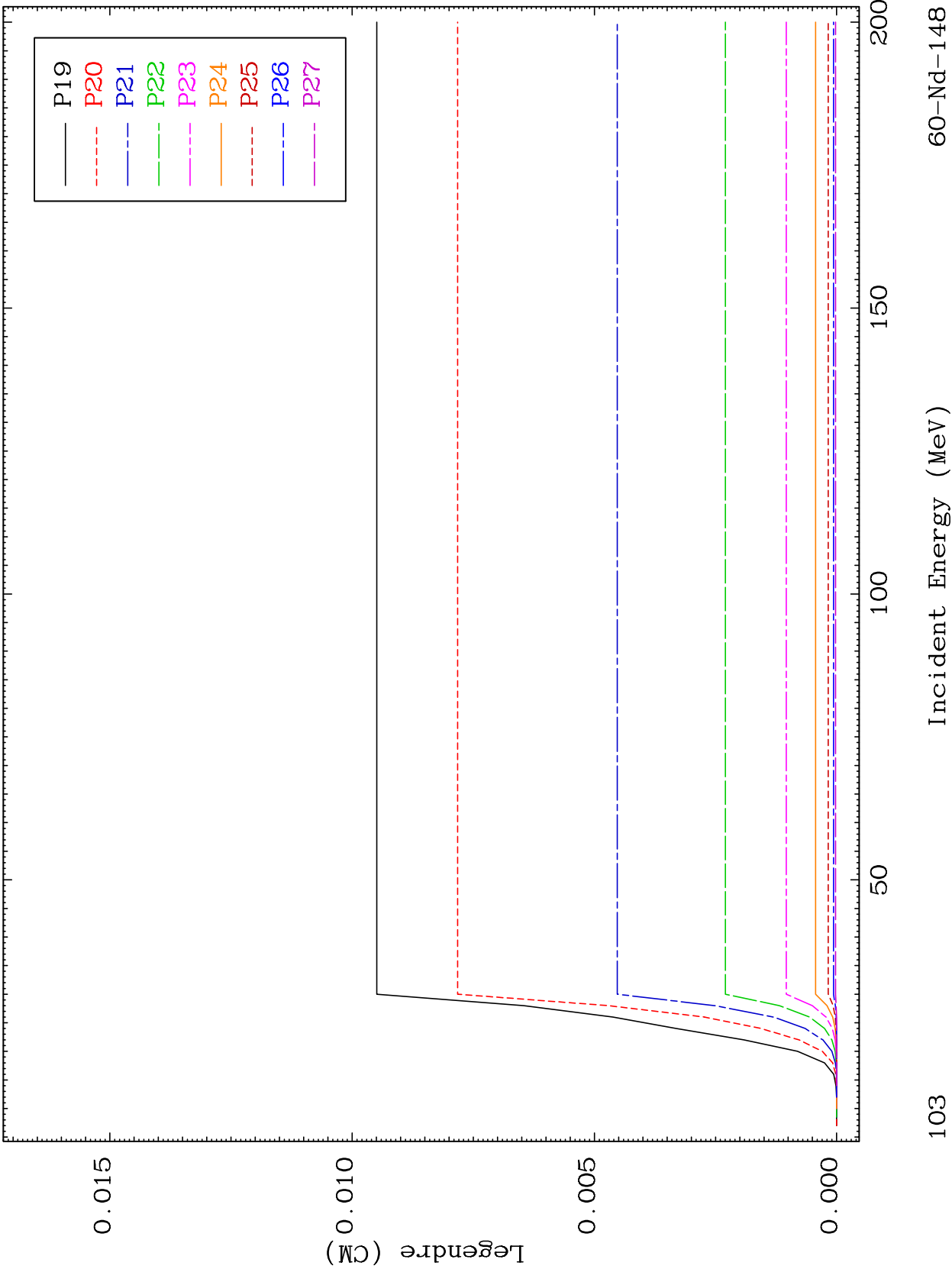
Incident Energy (MeV)

102

MAT 6043

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

60-Nd-148



103

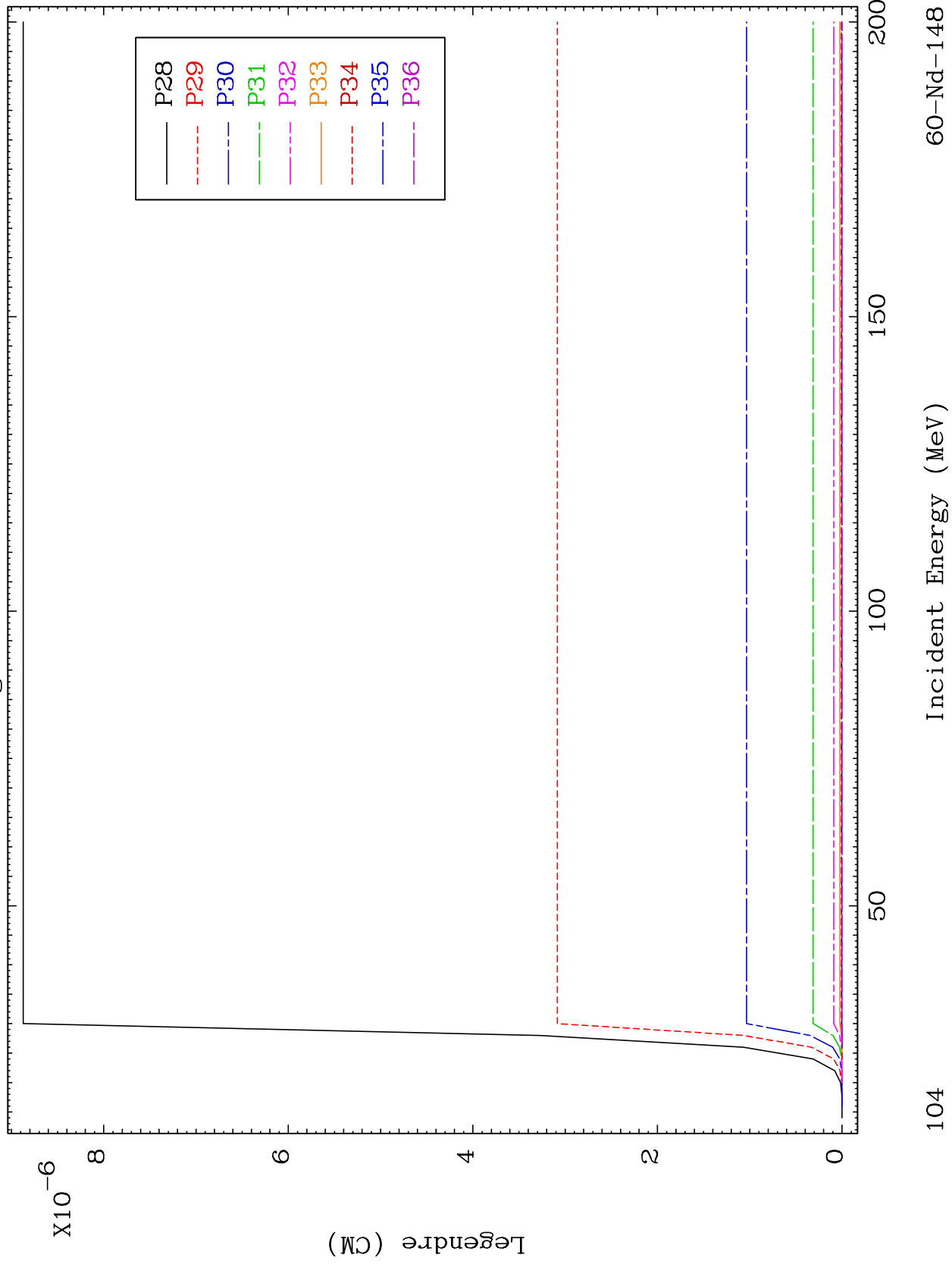
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148

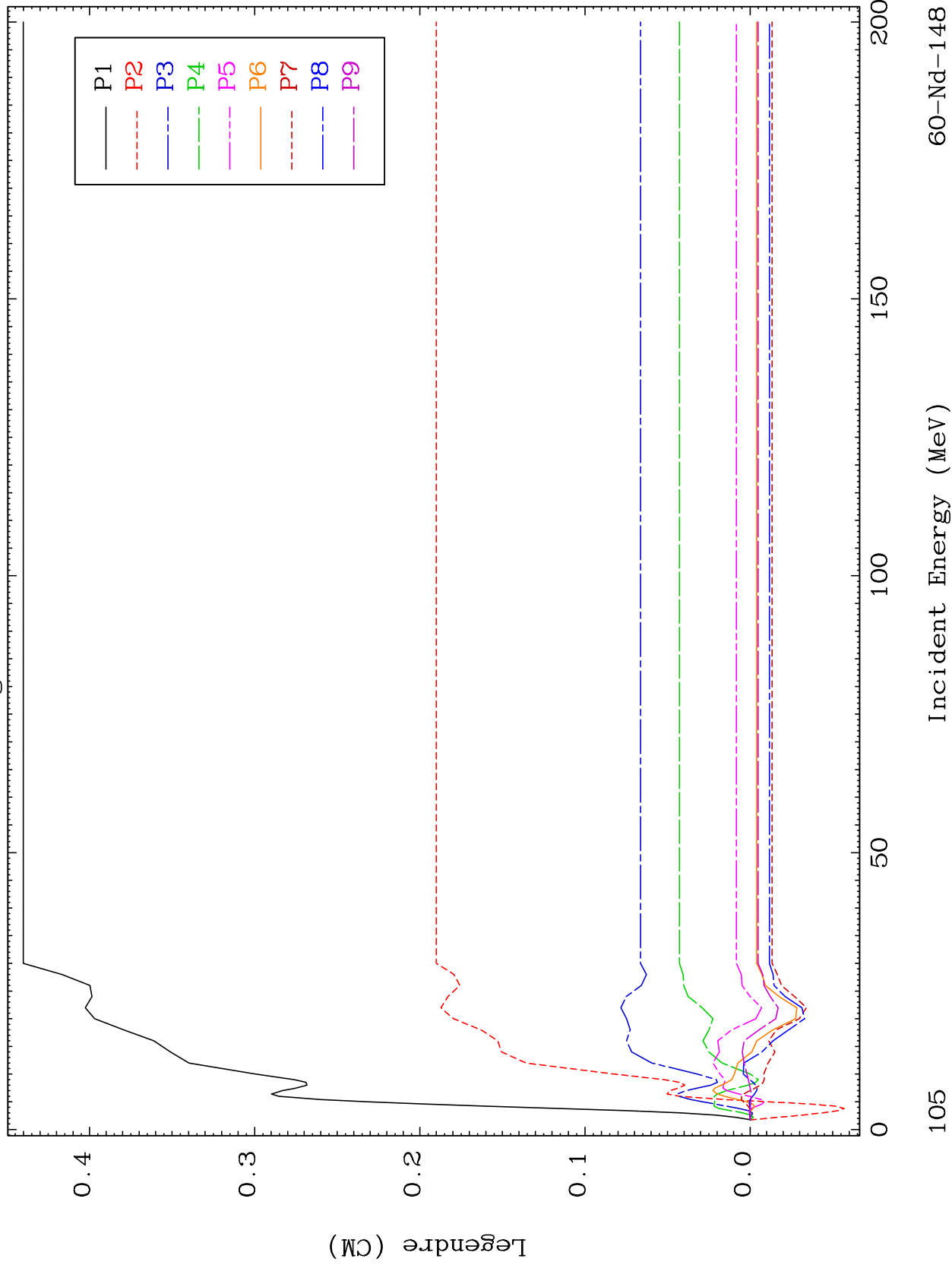


104

MAT 6043

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

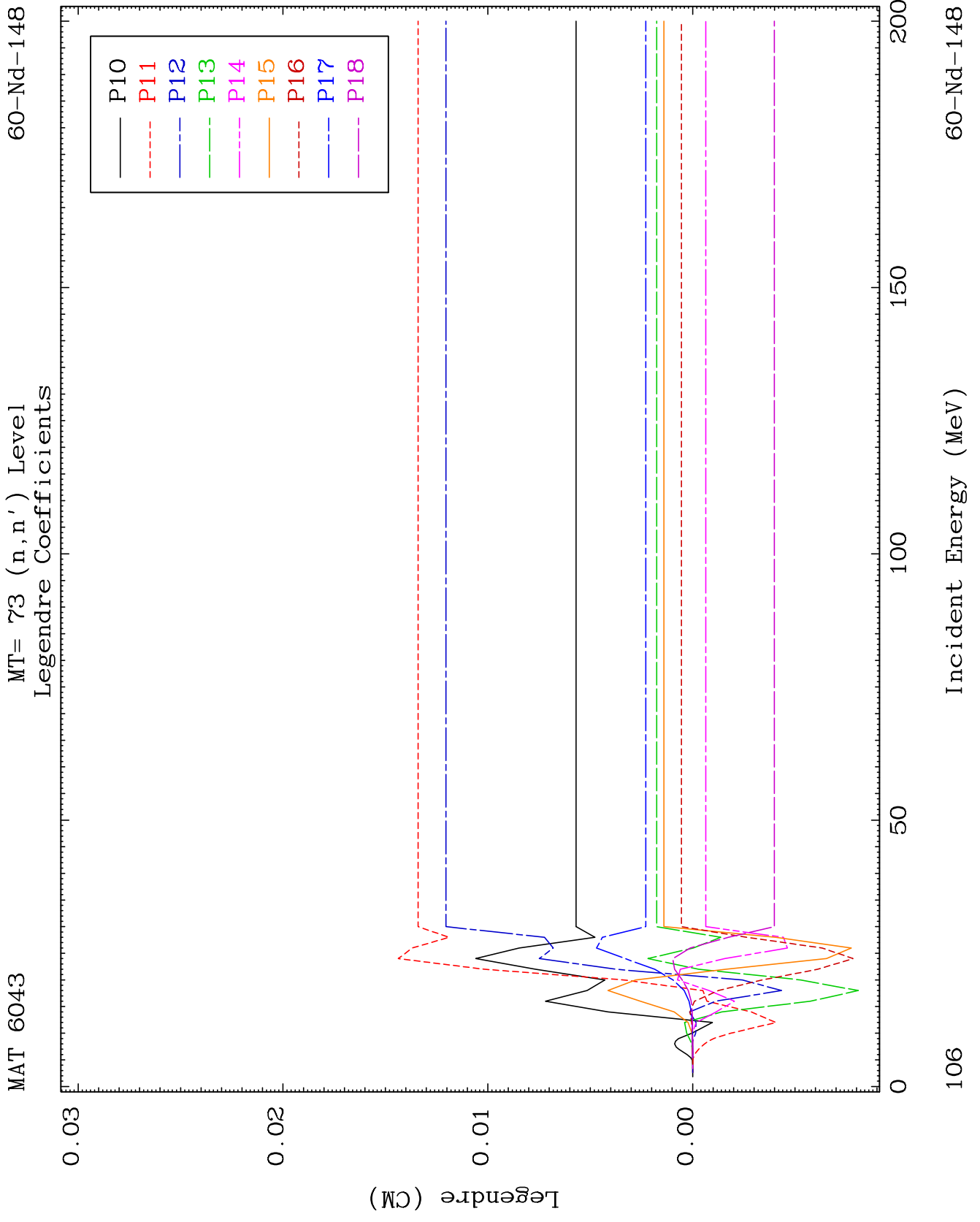
60-Nd-148



60-Nd-148

Incident Energy (MeV)

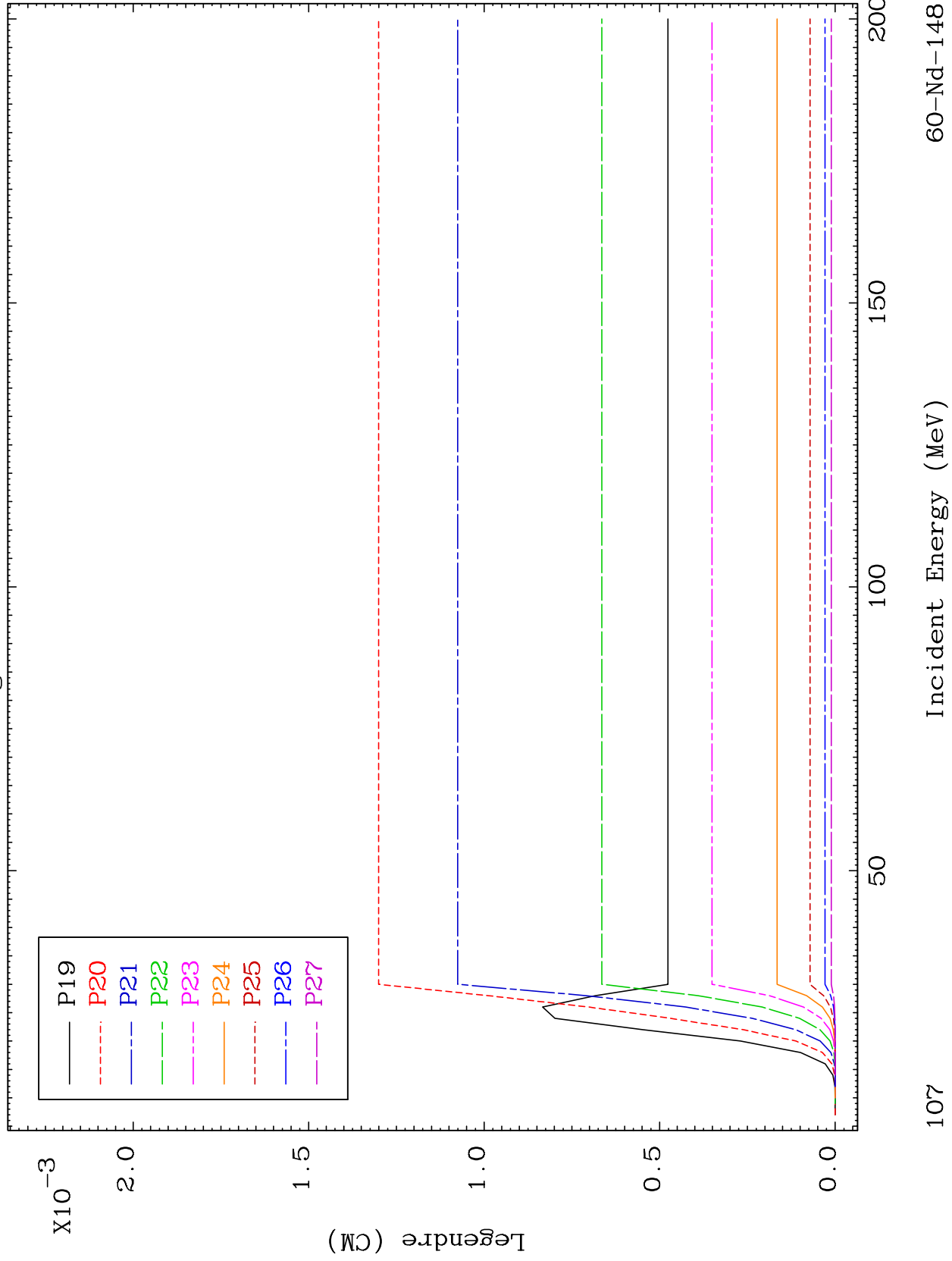
Legendre (CM)



MAT 6043

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

60-Nd-148

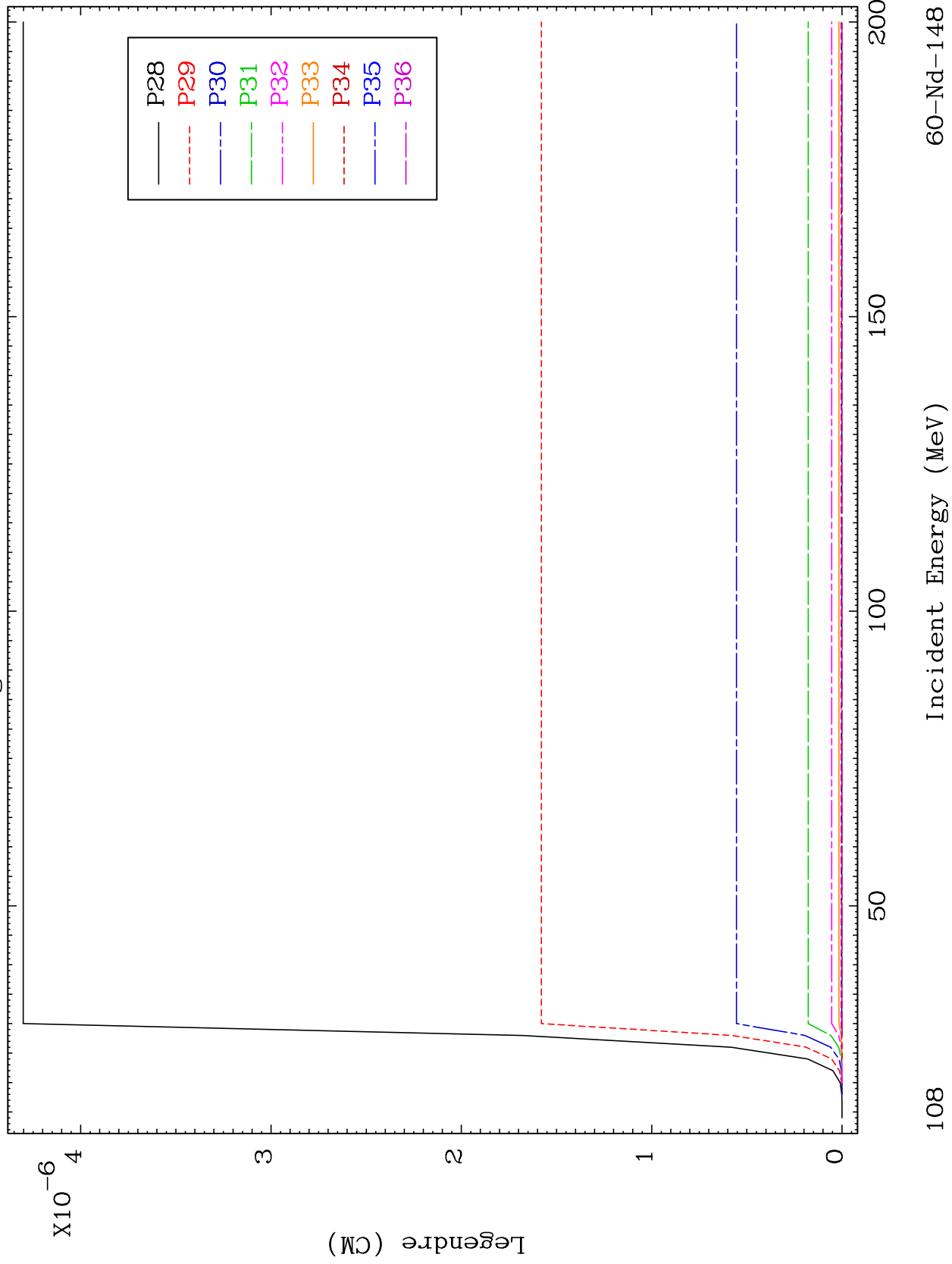


107

MAT 6043

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

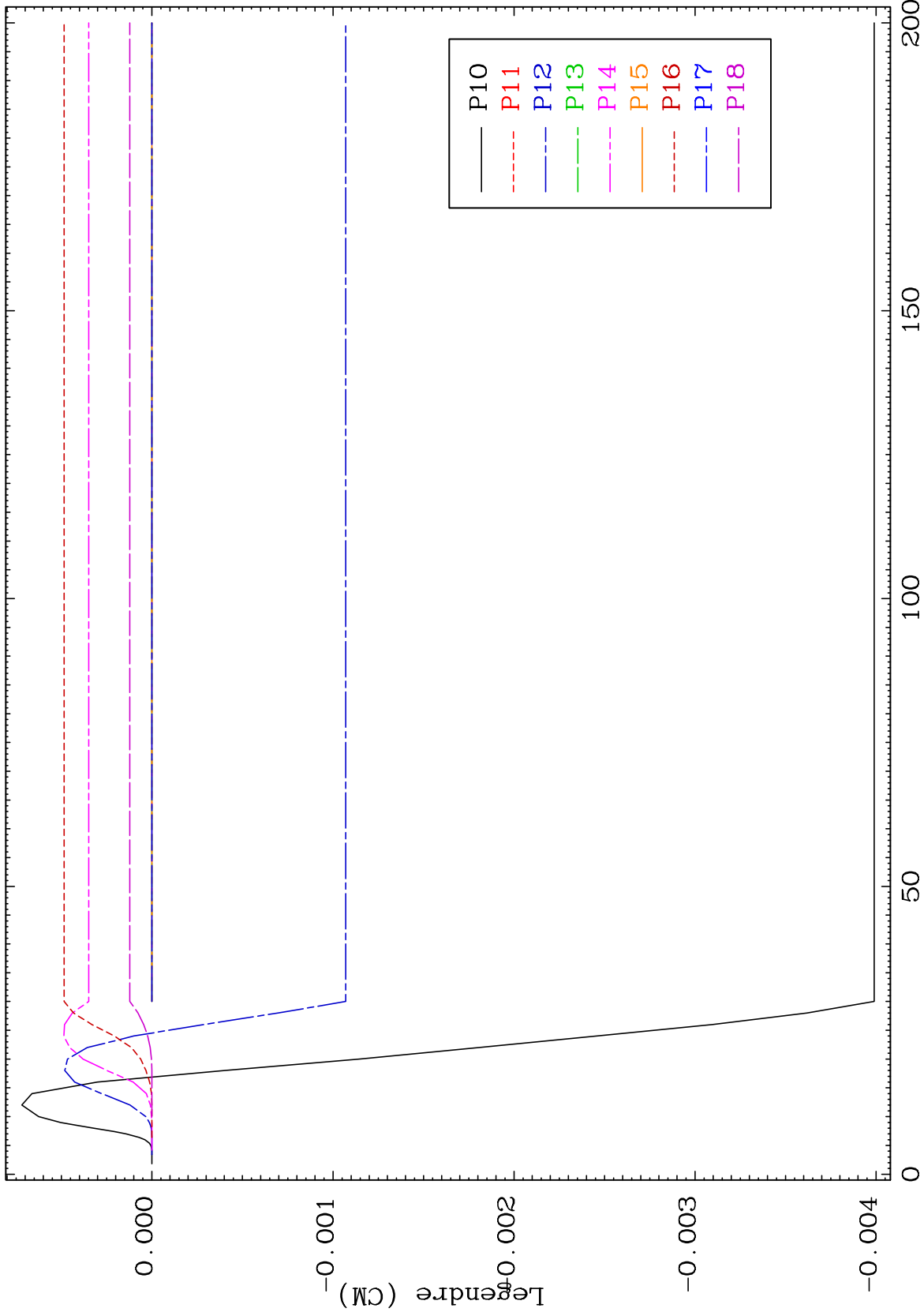
60-Nd-148



MAT 6043

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

60-Nd-148



110

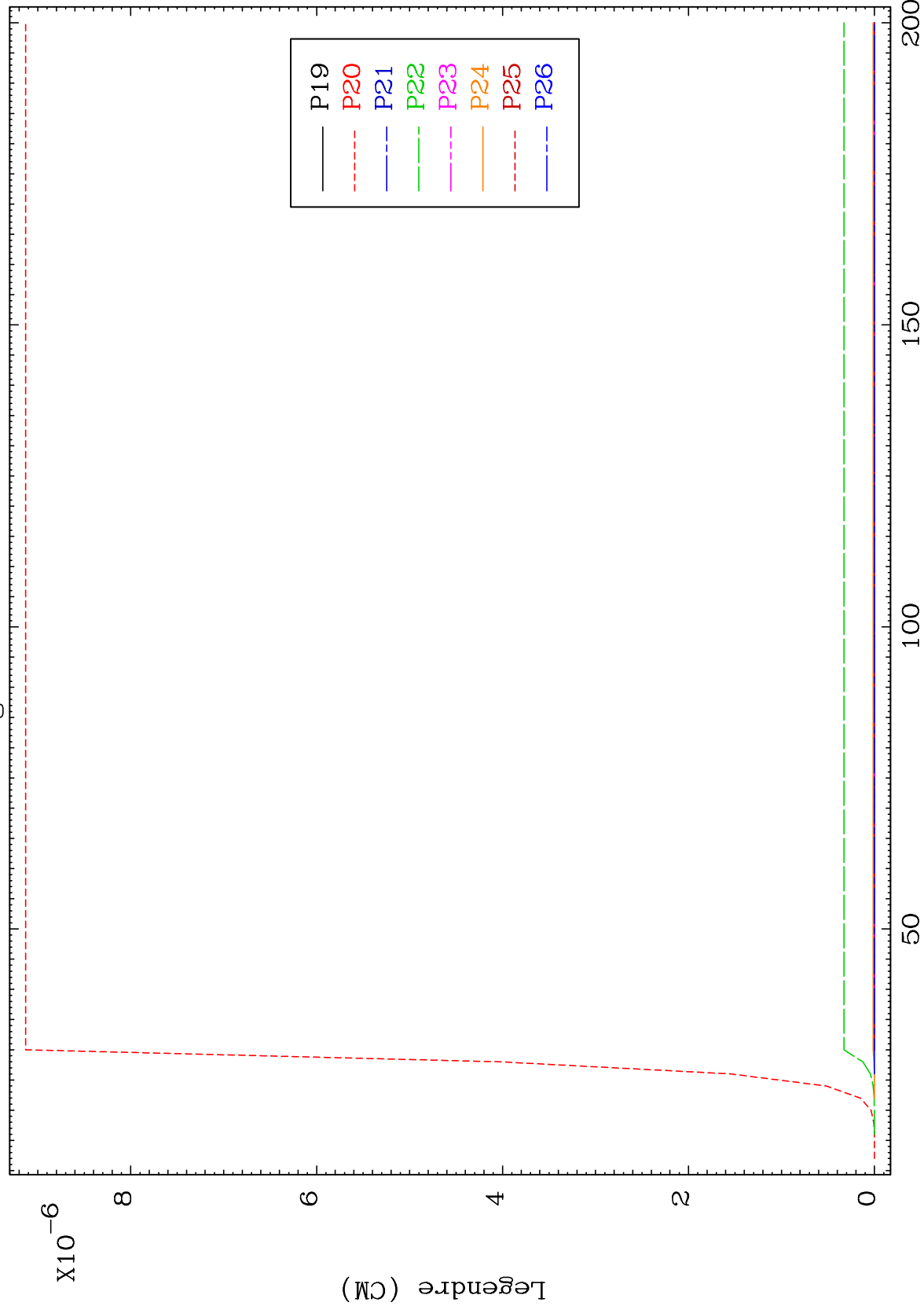
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



111

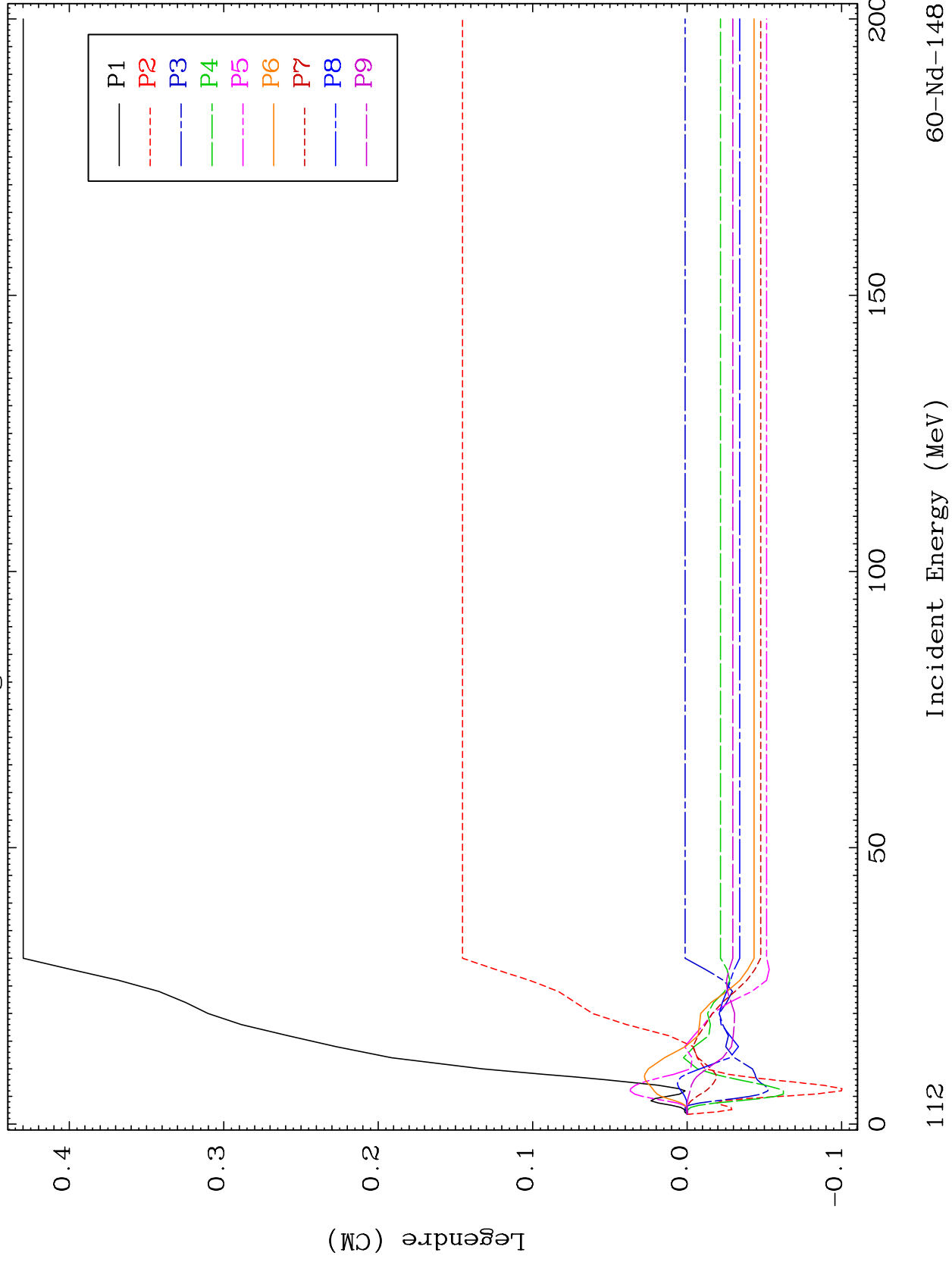
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

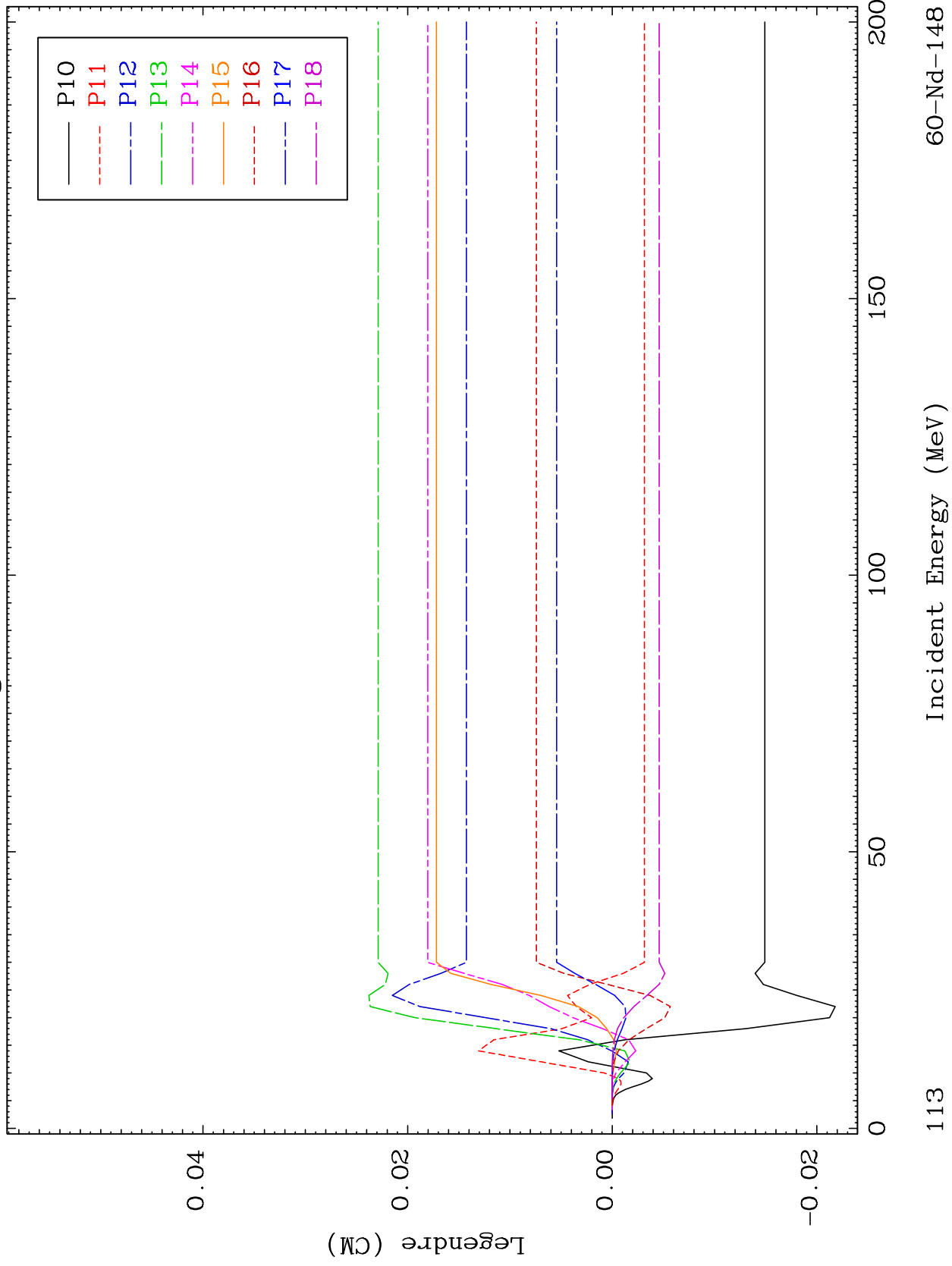
Incident Energy (MeV)

112

MAT 6043

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

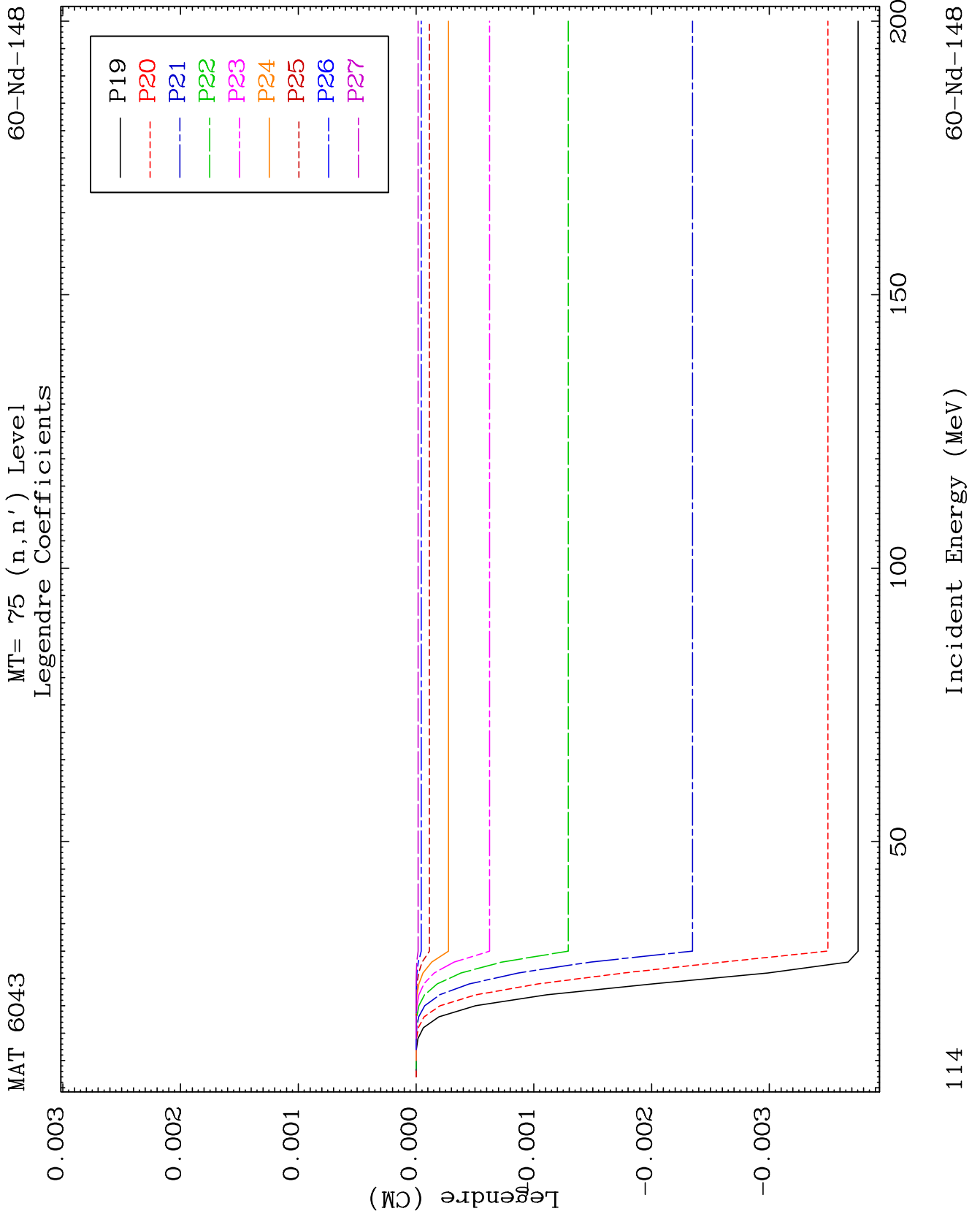
60-Nd-148

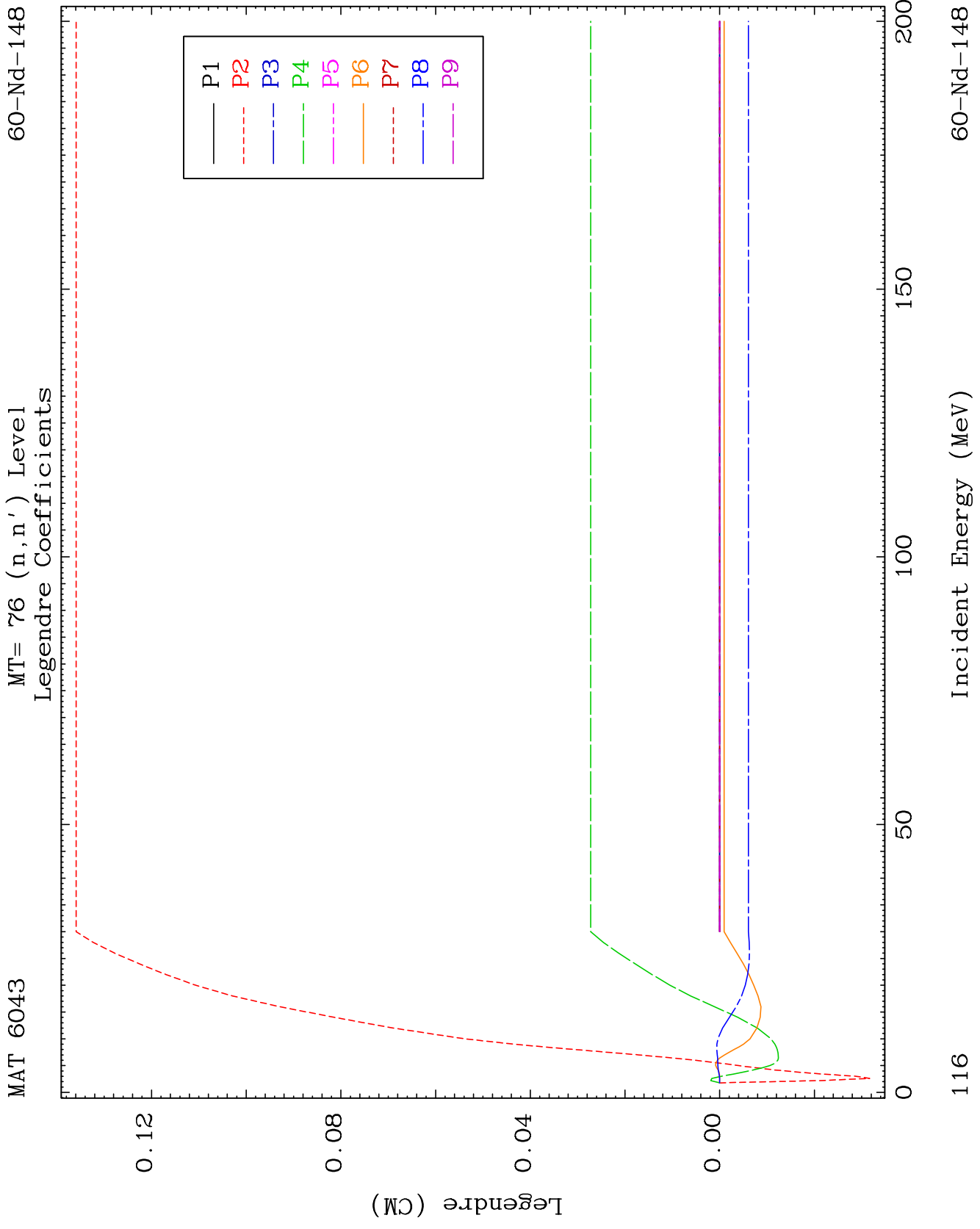


60-Nd-148

Incident Energy (MeV)

113

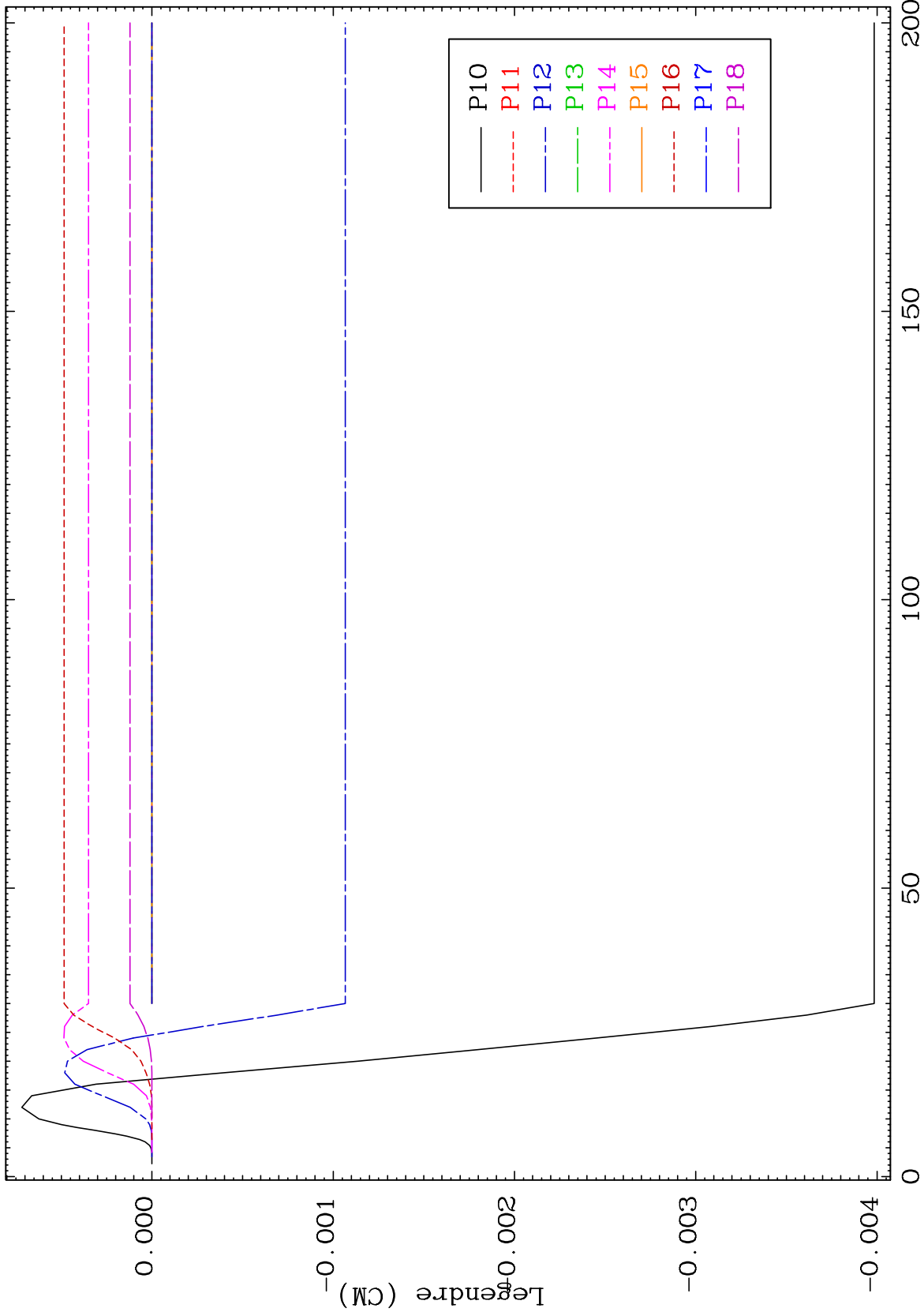




MAT 6043

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

60-Nd-148



117

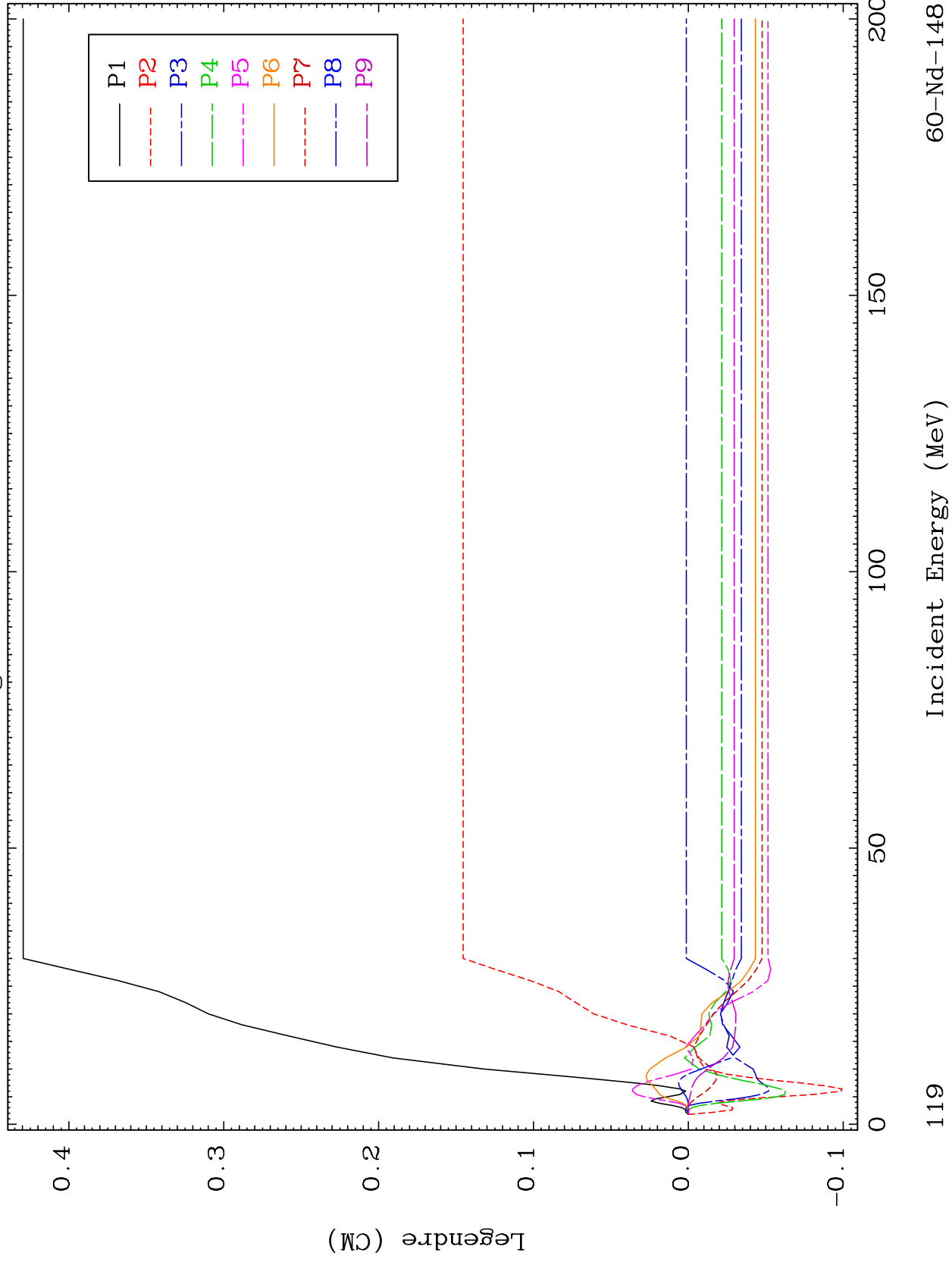
Incident Energy (MeV)

60-Nd-148

MAT 6043

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

60-Nd-148



60-Nd-148

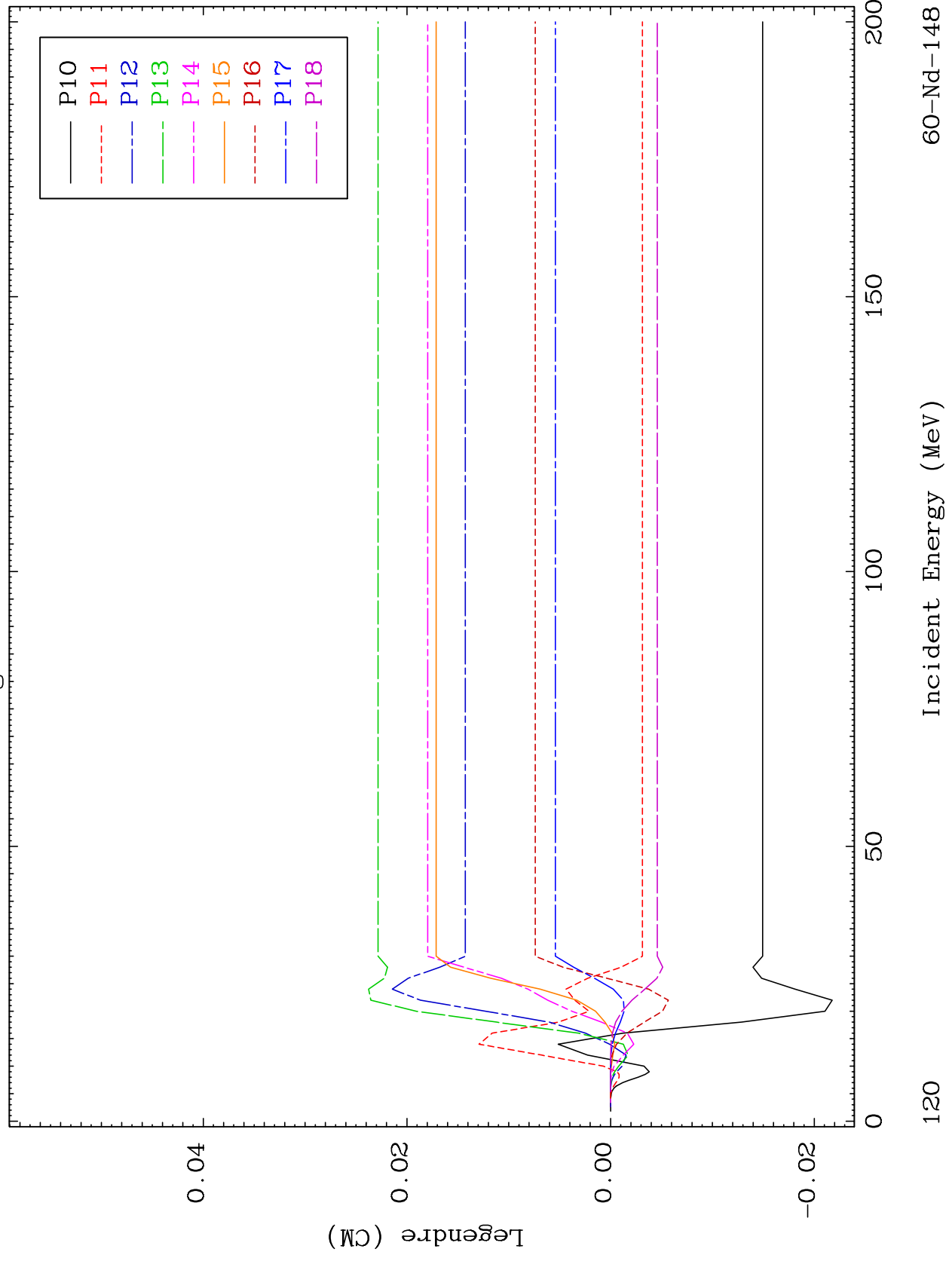
Incident Energy (MeV)

119

MAT 6043

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

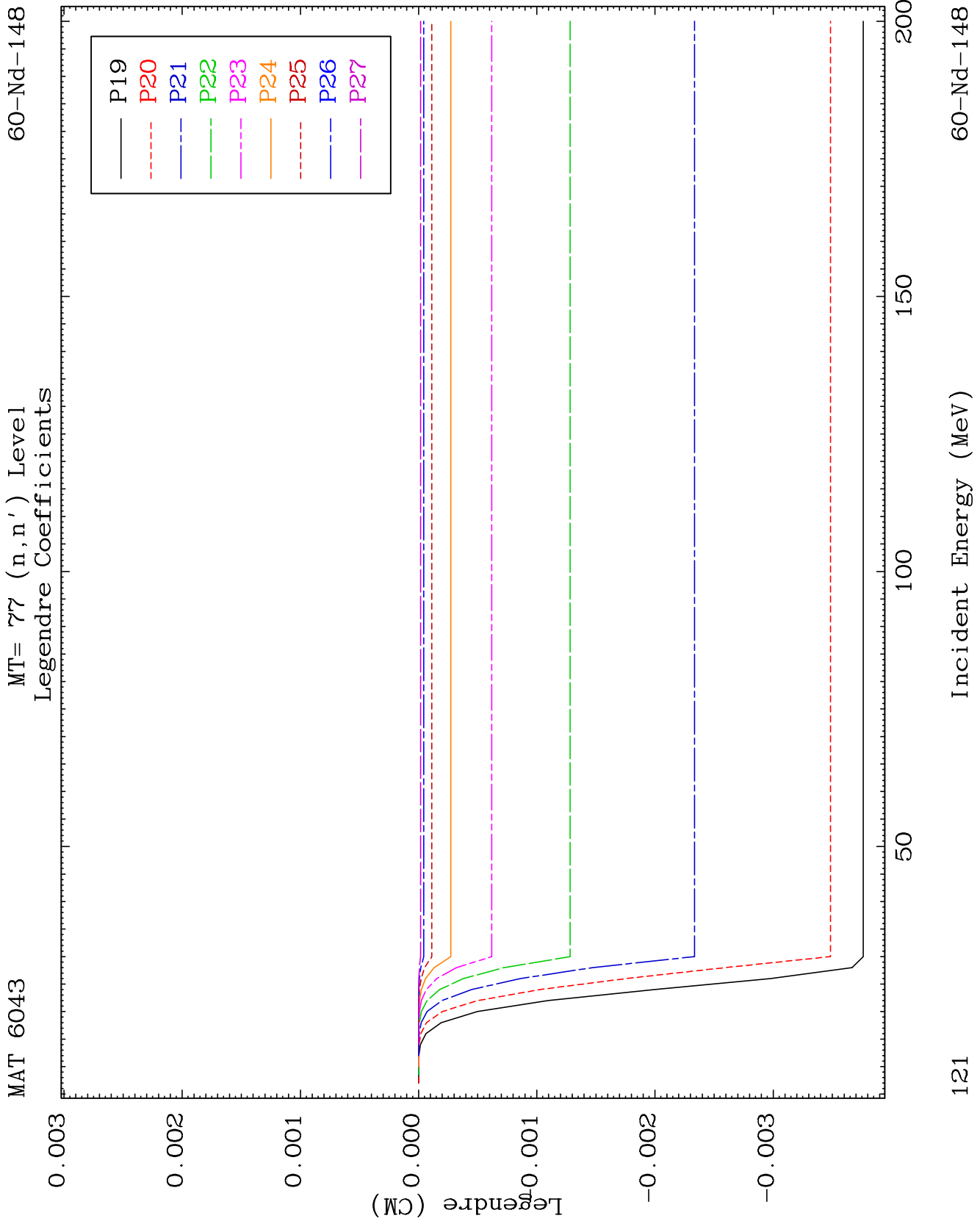
60-Nd-148

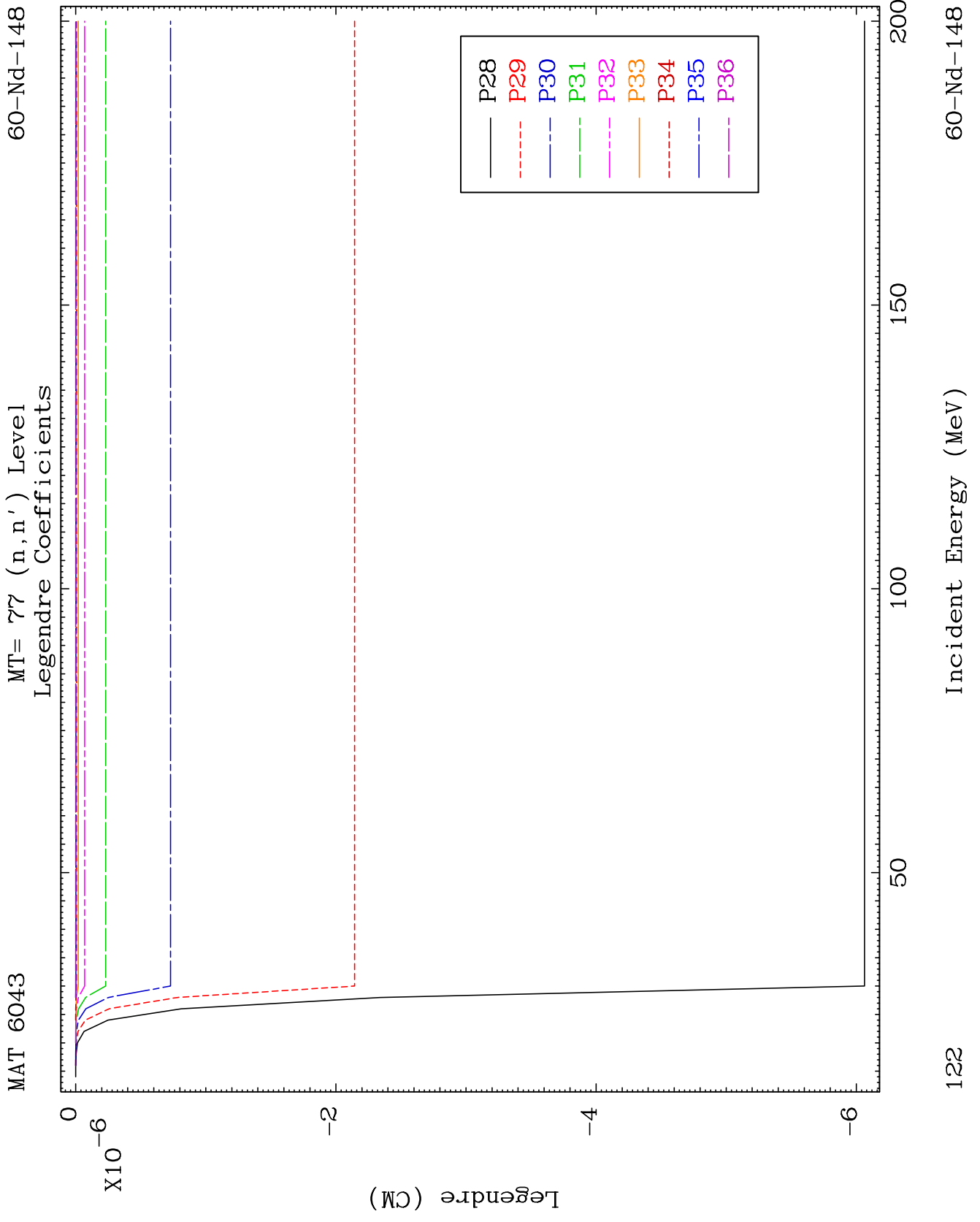


60-Nd-148

Incident Energy (MeV)

120

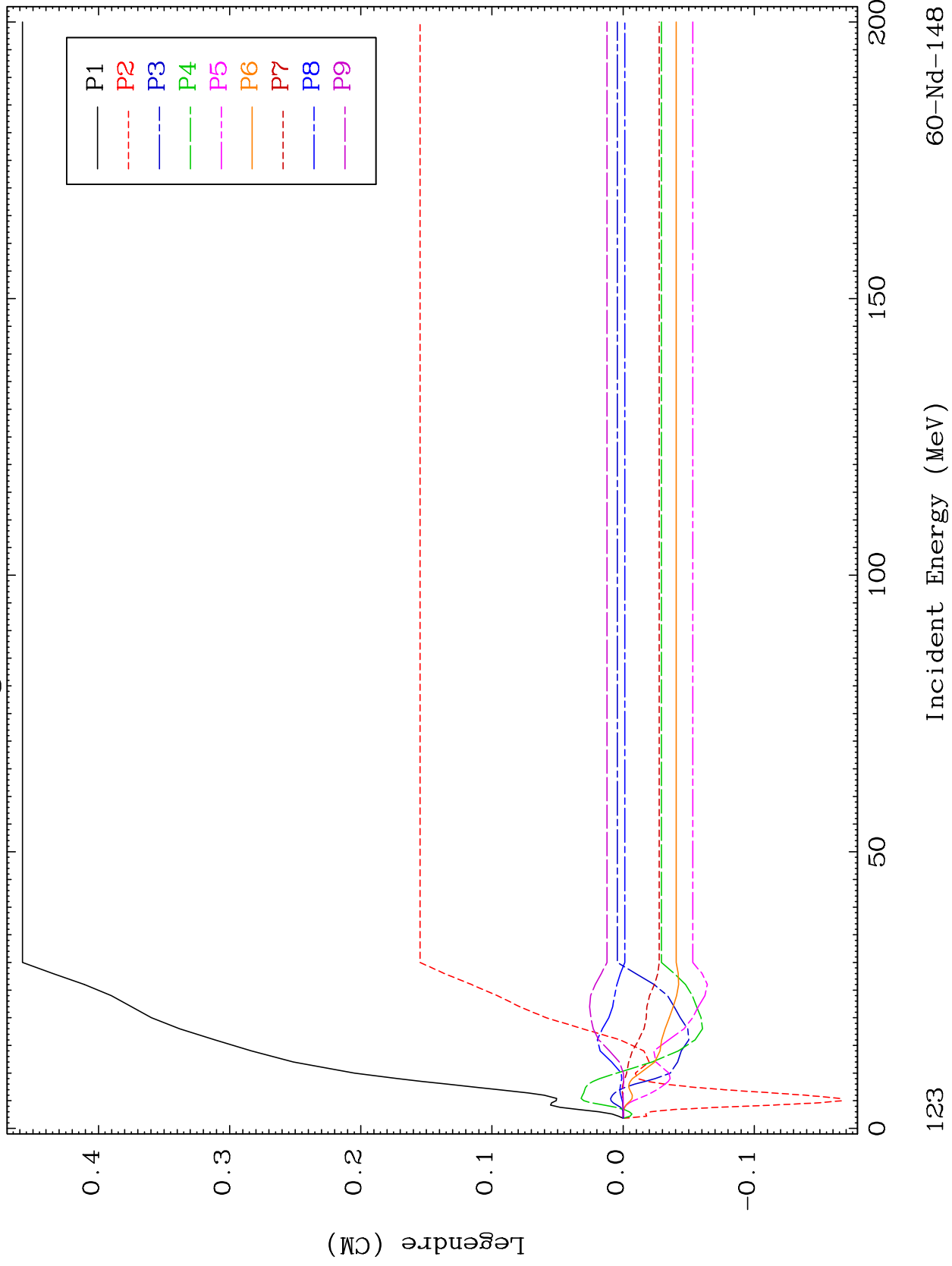




MAT 6043

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

60-Nd-148



60-Nd-148

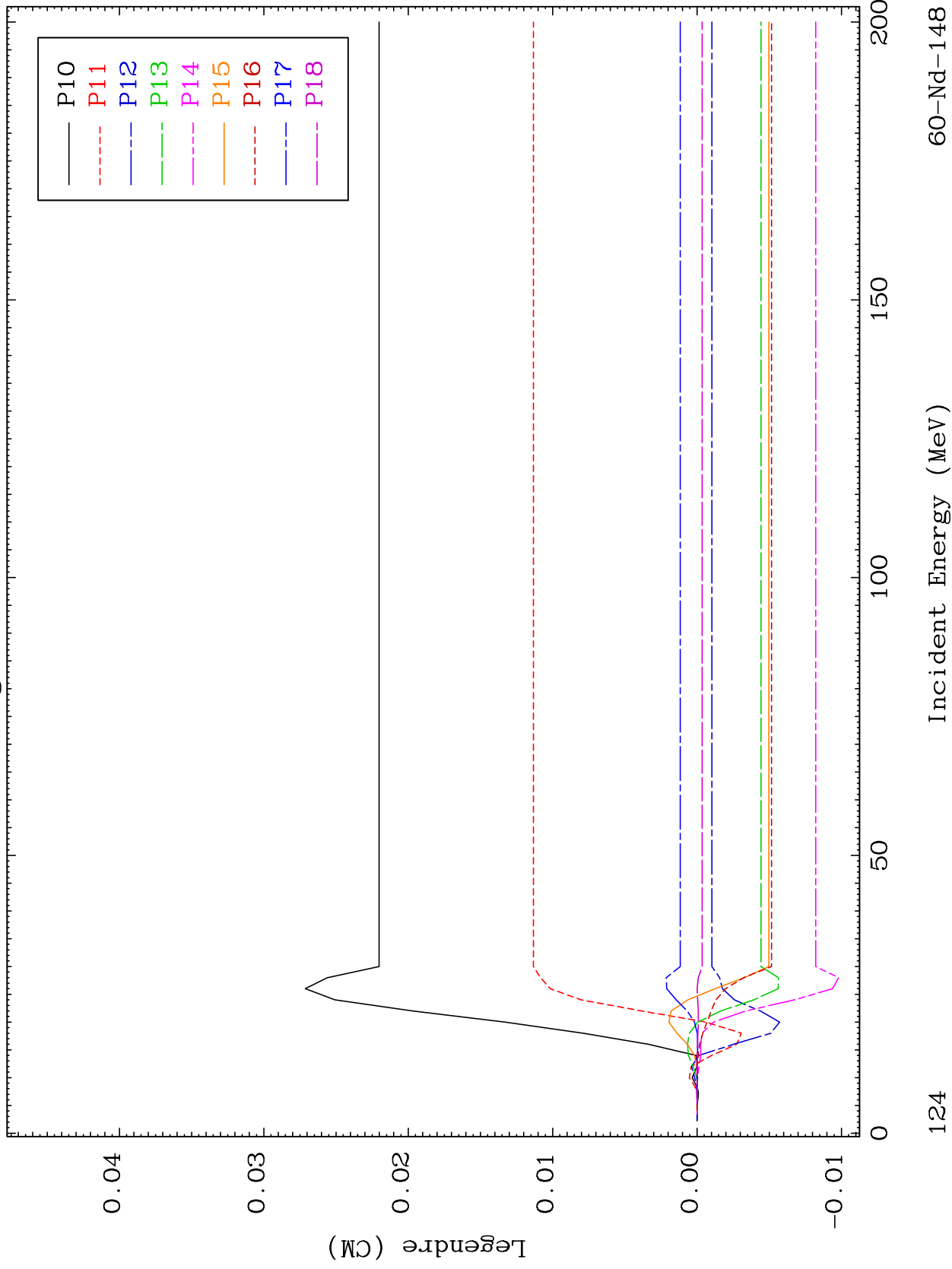
Incident Energy (MeV)

123

MAT 6043

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

60-Nd-148



60-Nd-148

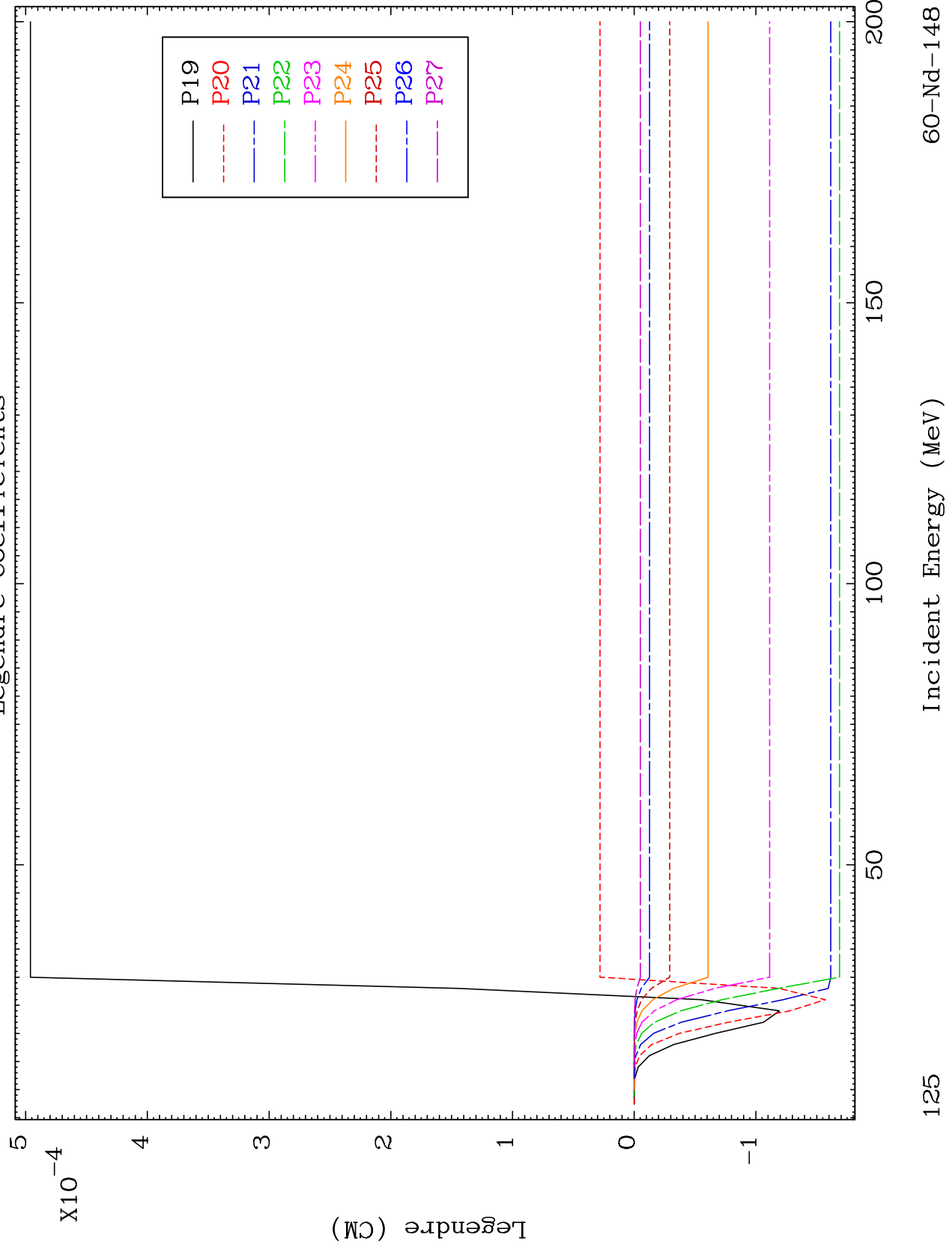
Incident Energy (MeV)

124

MAT 6043

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

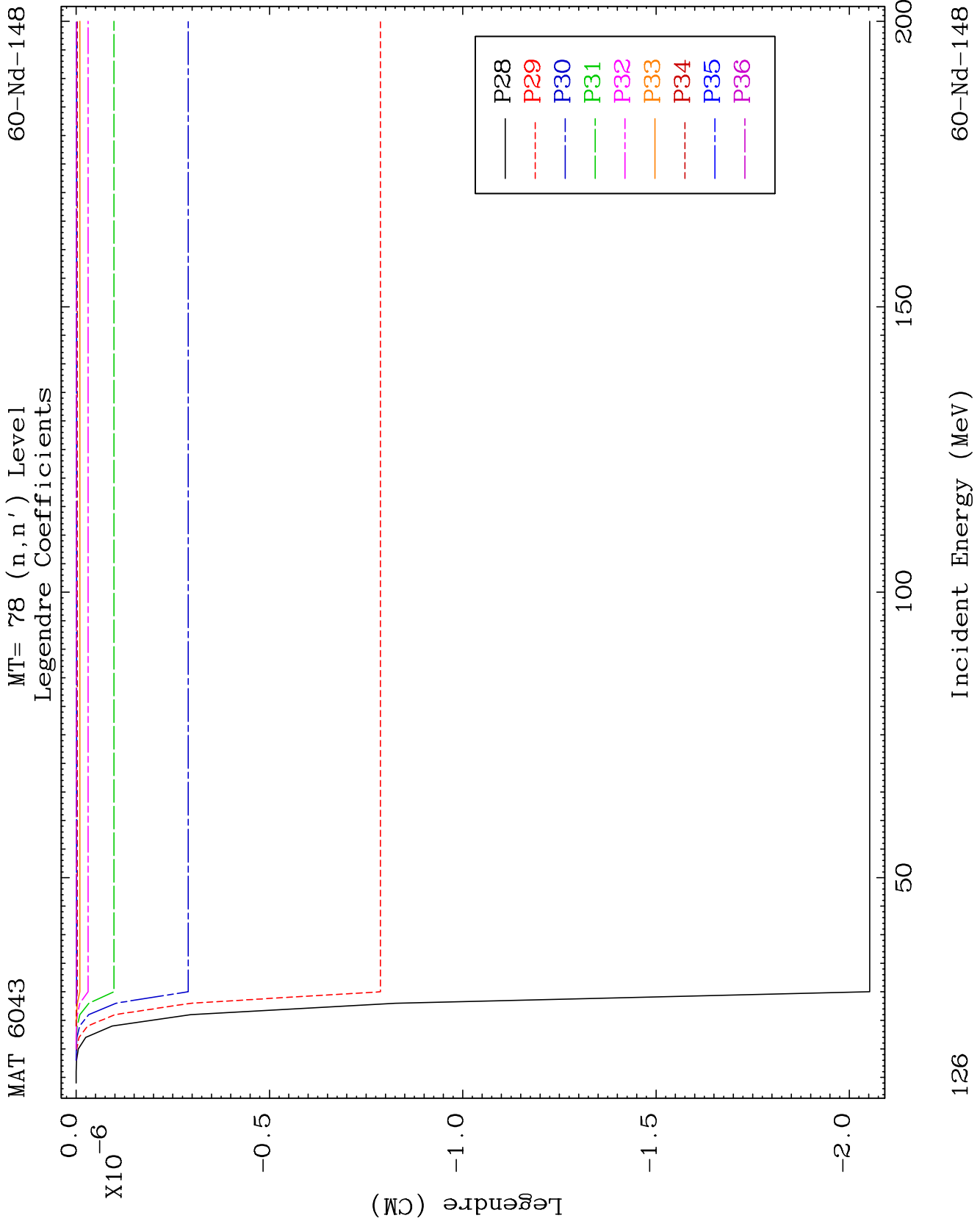
60-Nd-148

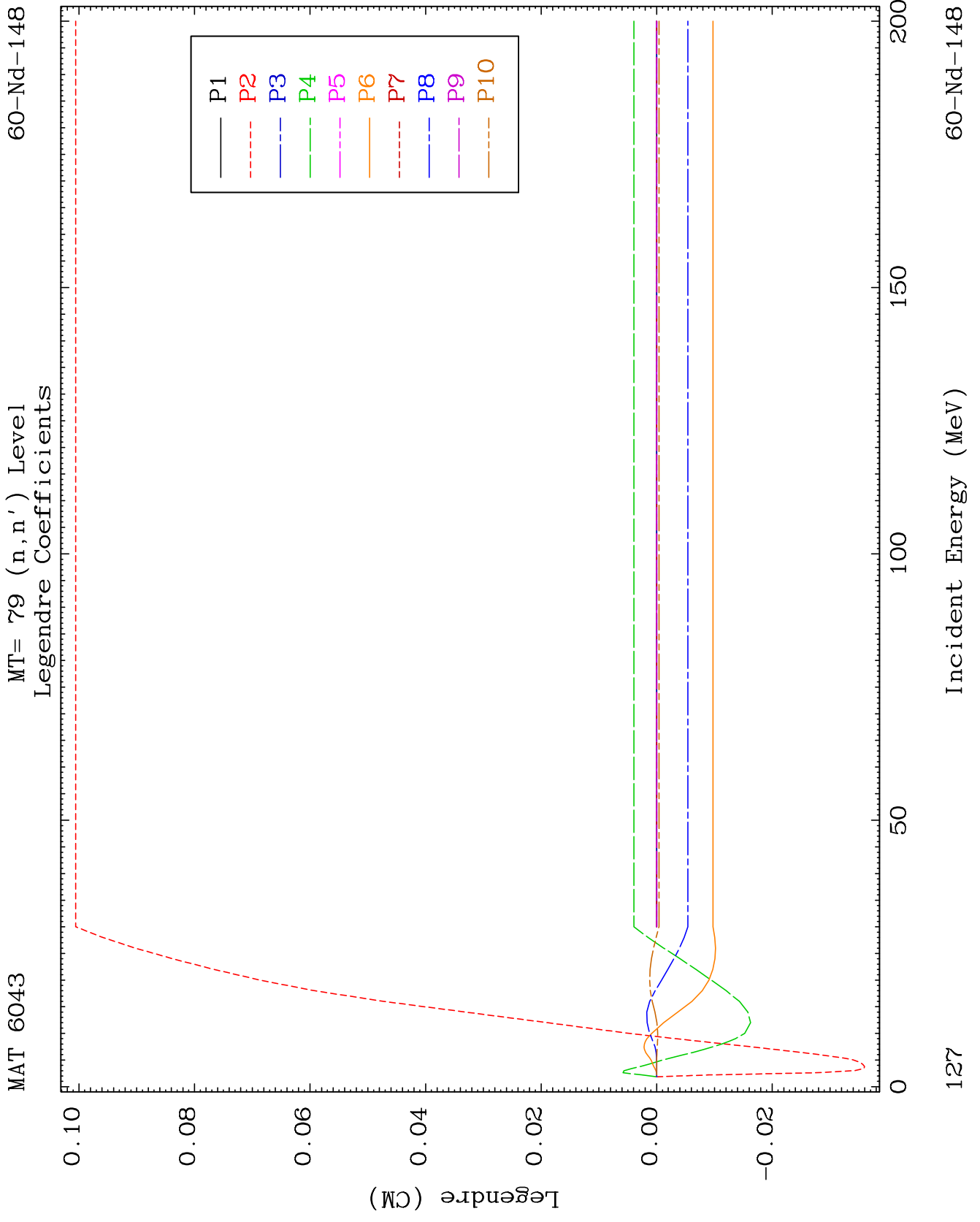


125

Incident Energy (MeV)

60-Nd-148

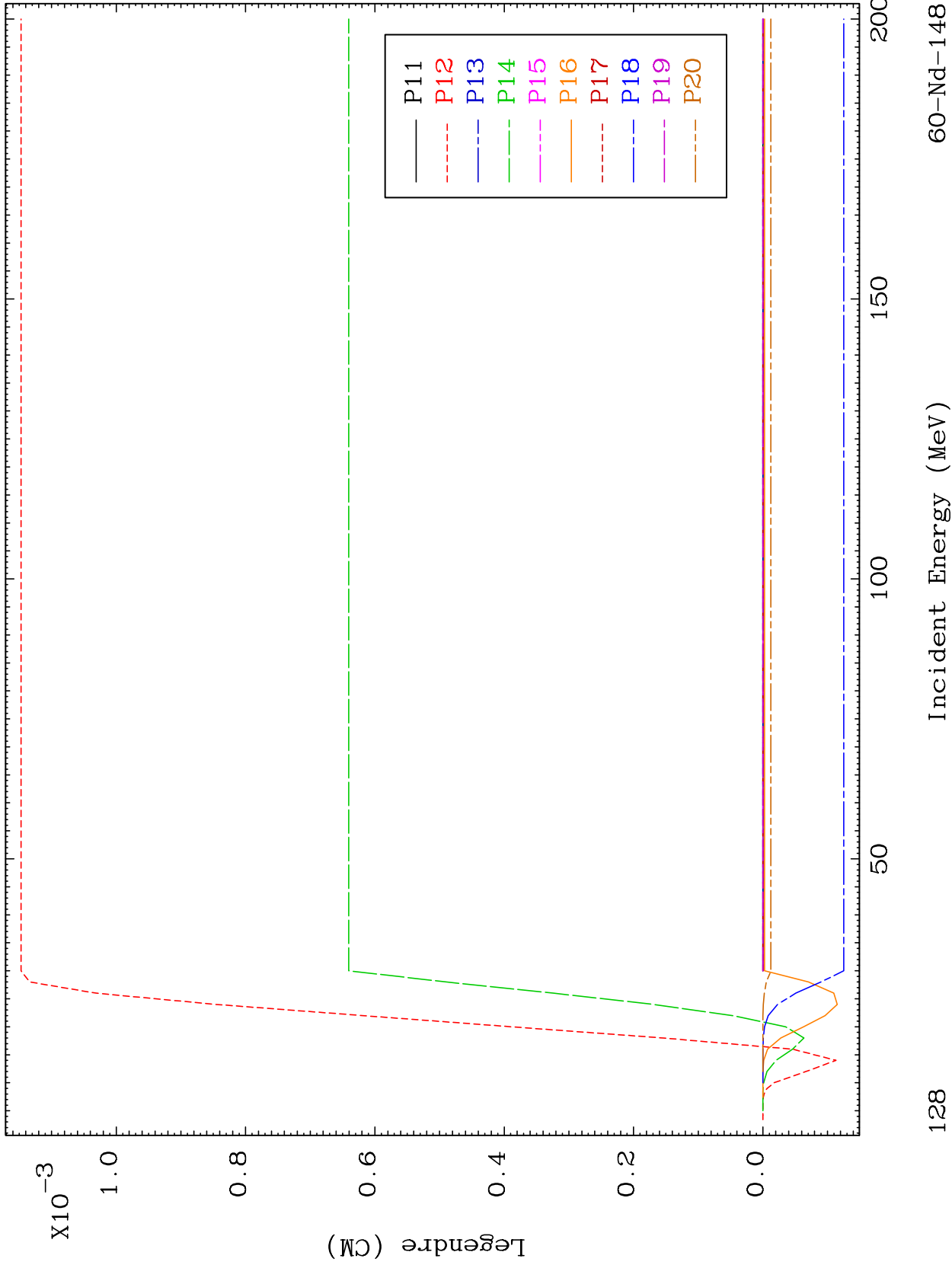




MAT 6043

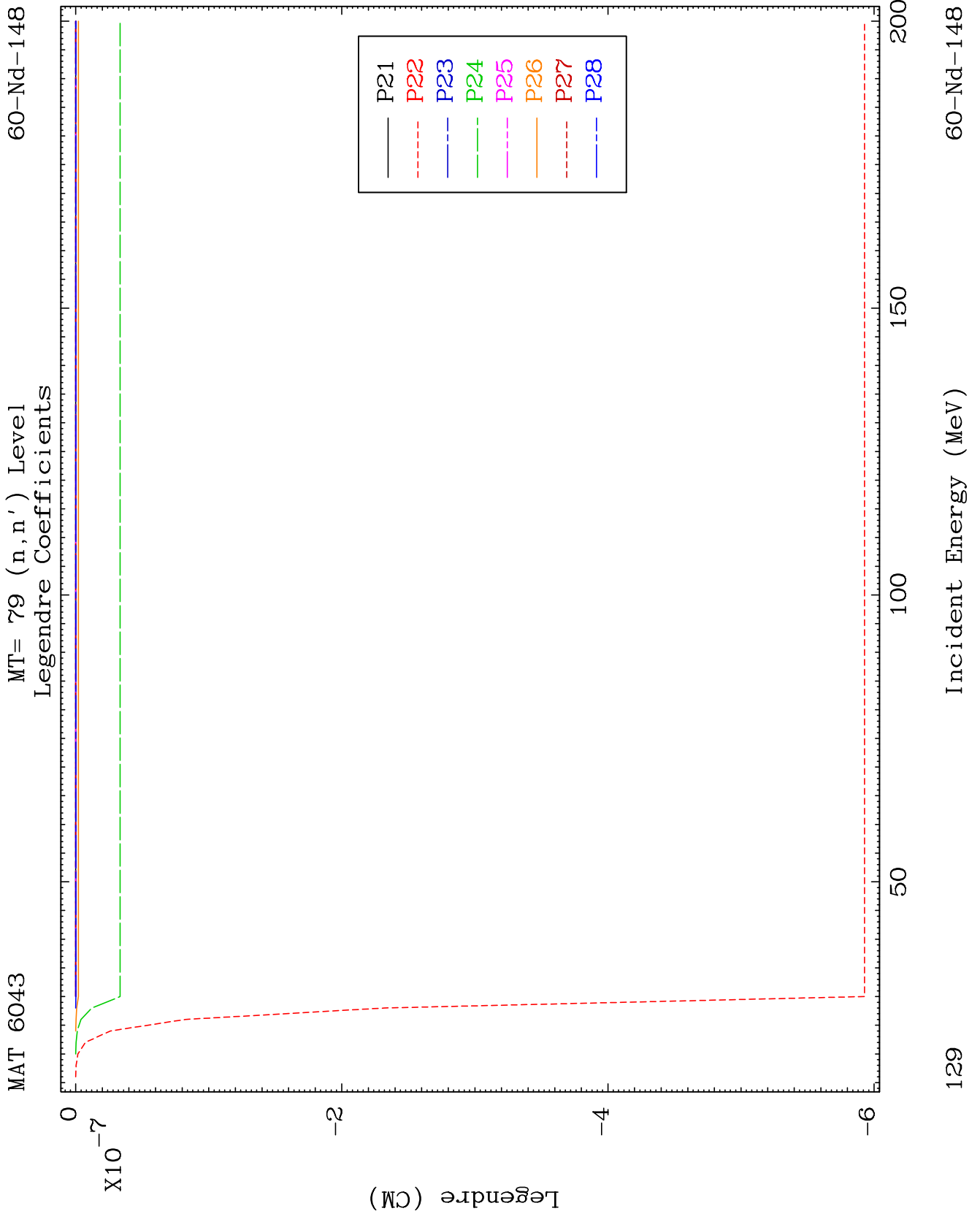
MT= 79 (n,n') Level
Legendre Coefficients

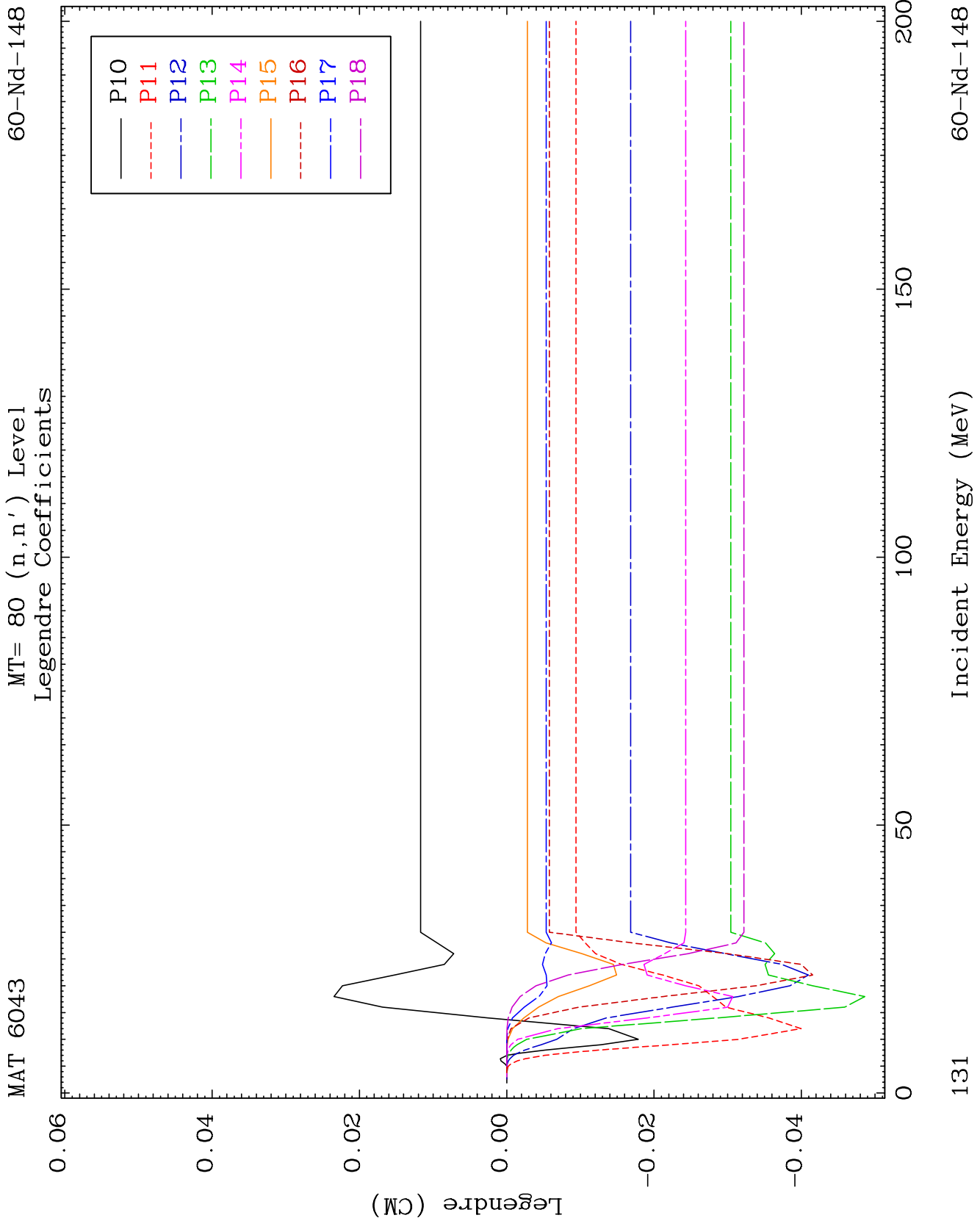
60-Nd-148



128

60-Nd-148

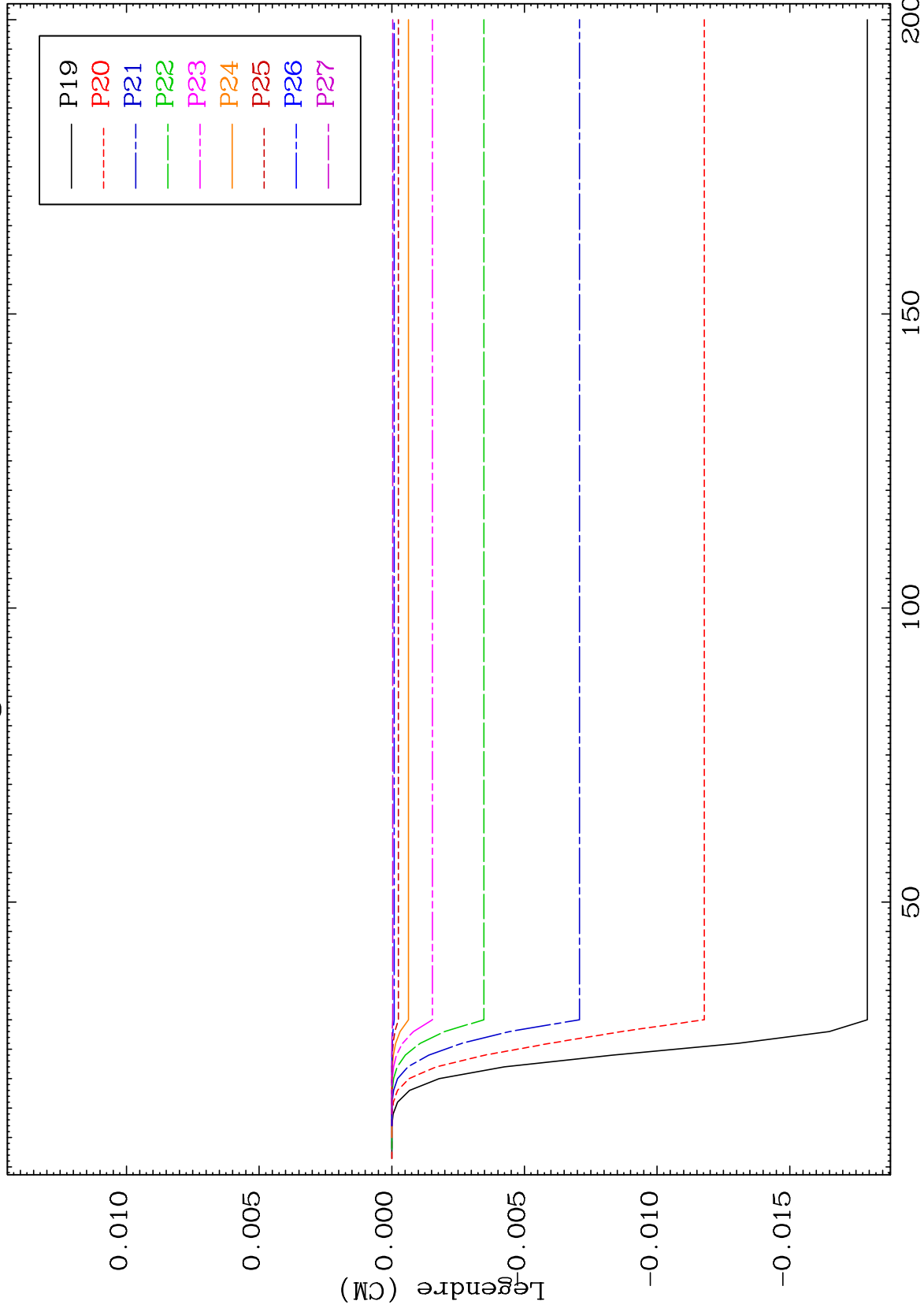




MAT 6043

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

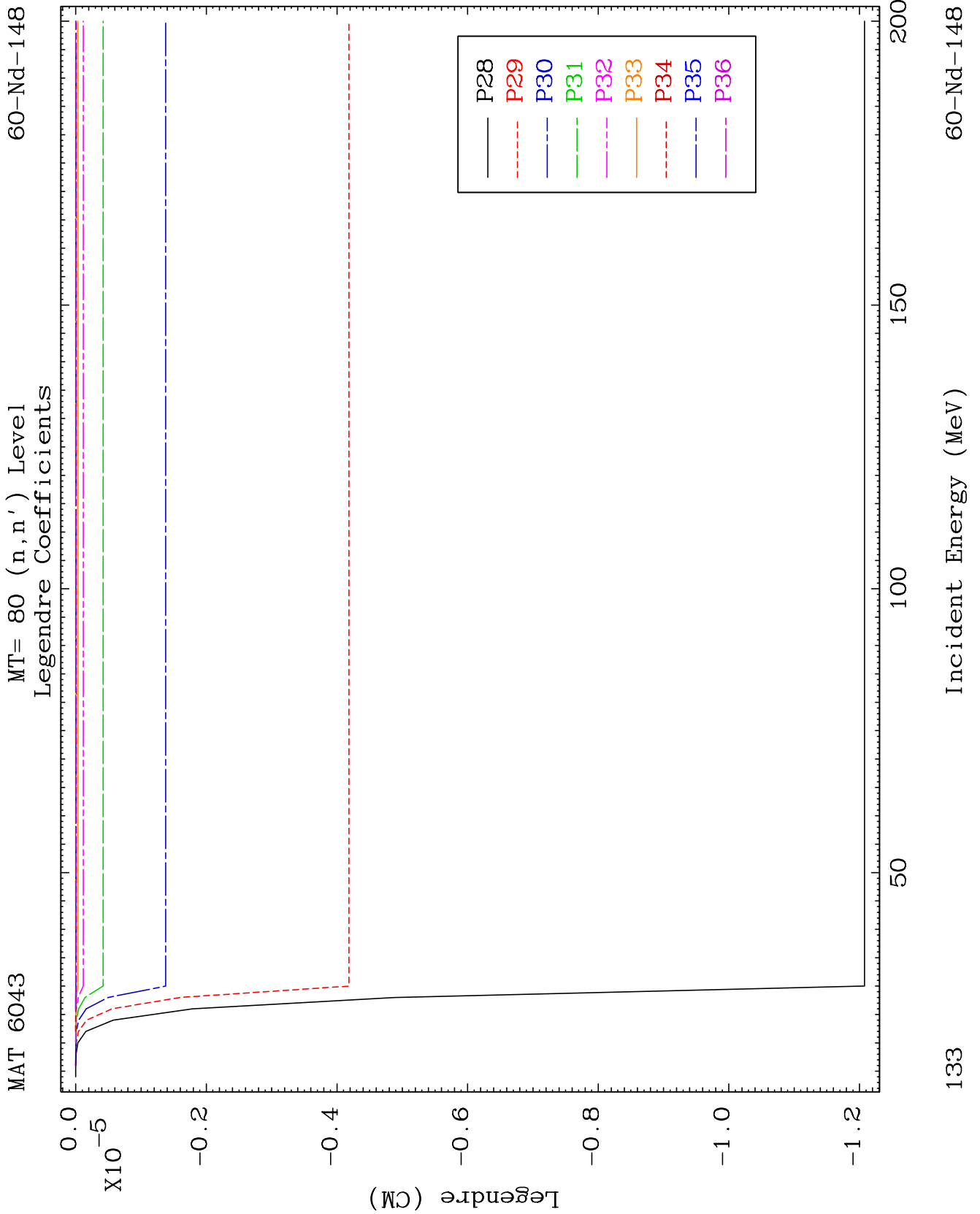
60-Nd-148



132

Incident Energy (MeV)

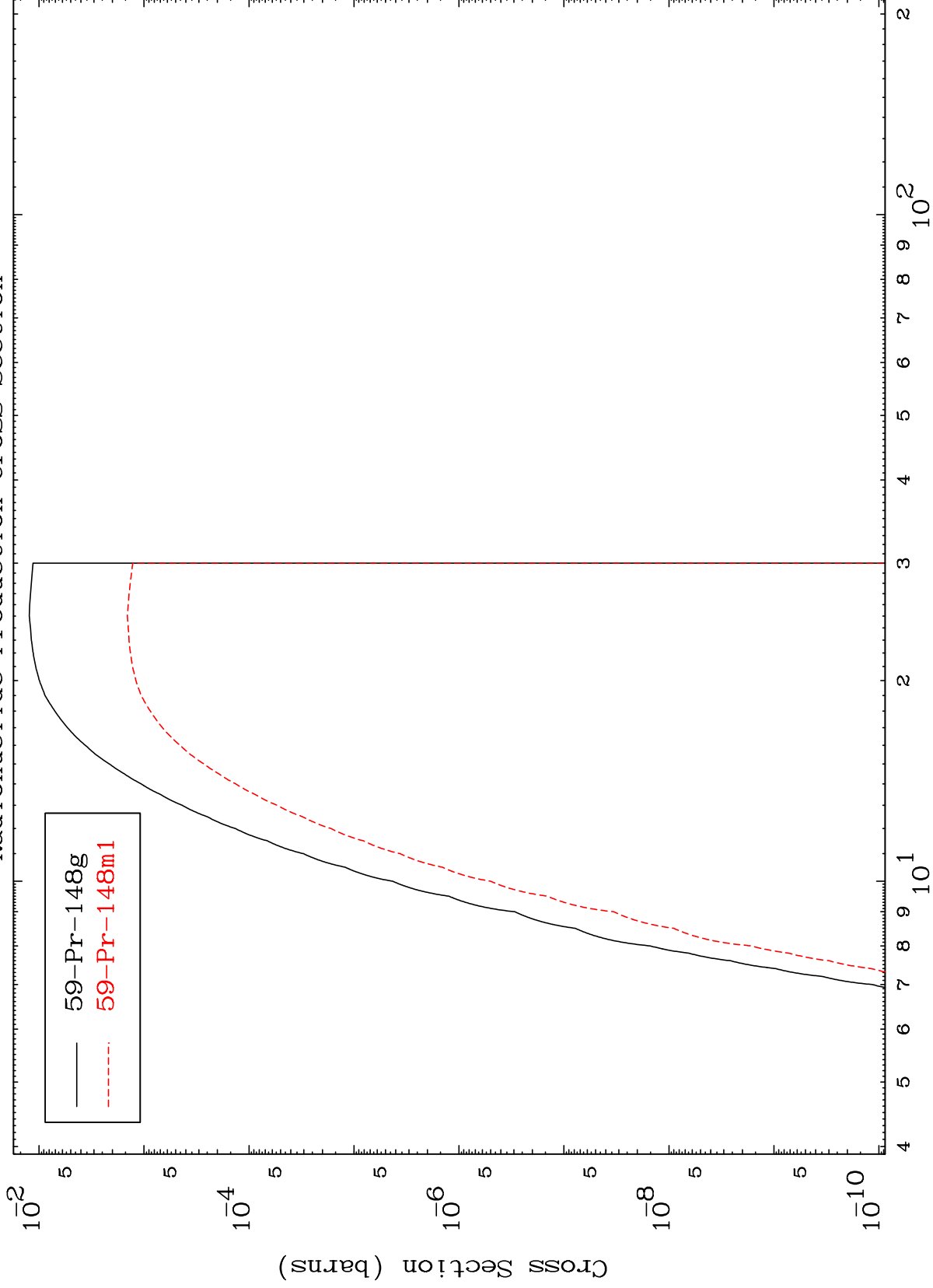
60-Nd-148



MAT 6043

60-Nd-148

(n,p)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

60-Nd-148