

Program EVALPLOT
(Version 2017-1)

by

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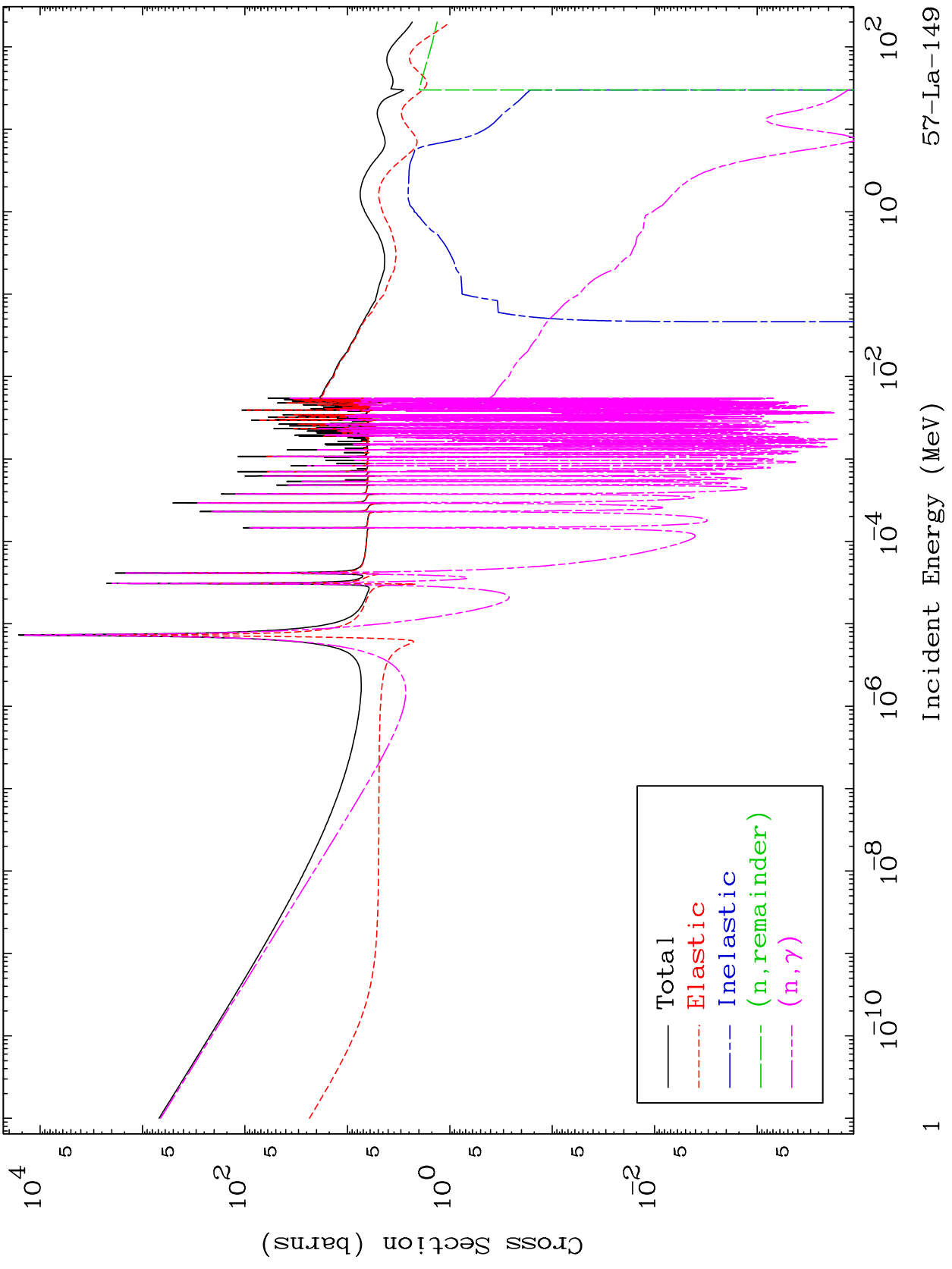
Press Mouse Button to Start

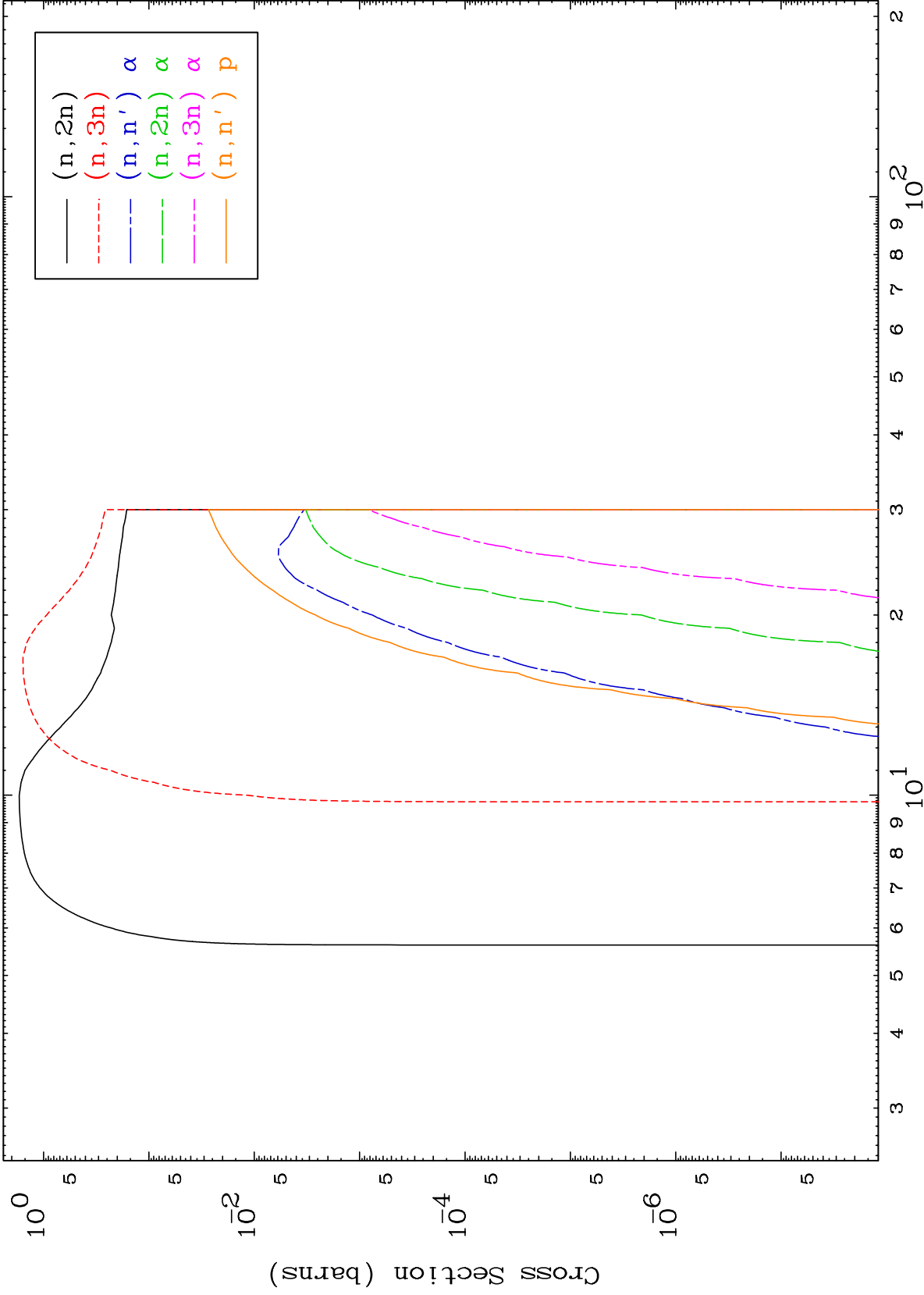
MAT 5758

Major

293 Kelvin Cross Sections

57-La-149

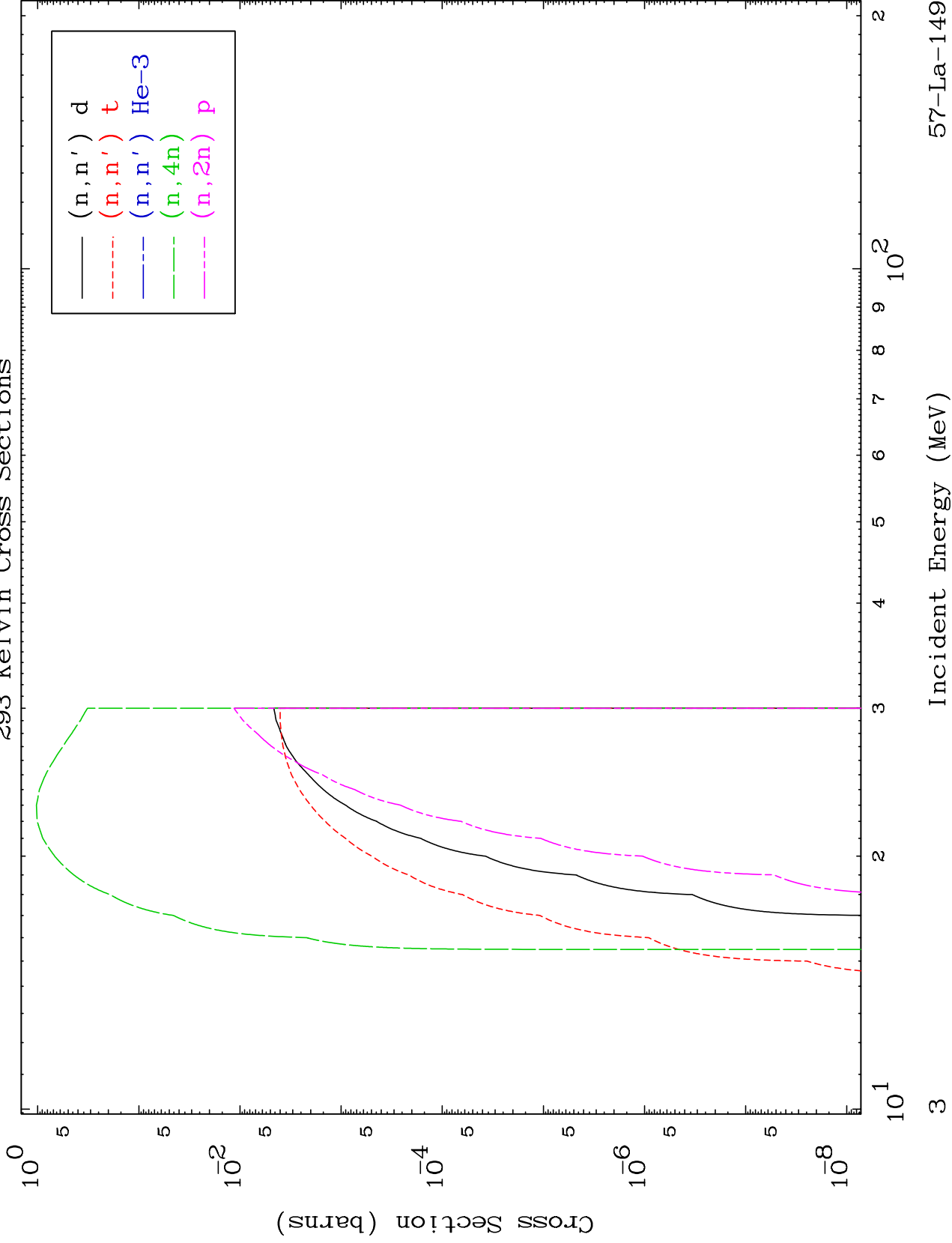




MAT 5758

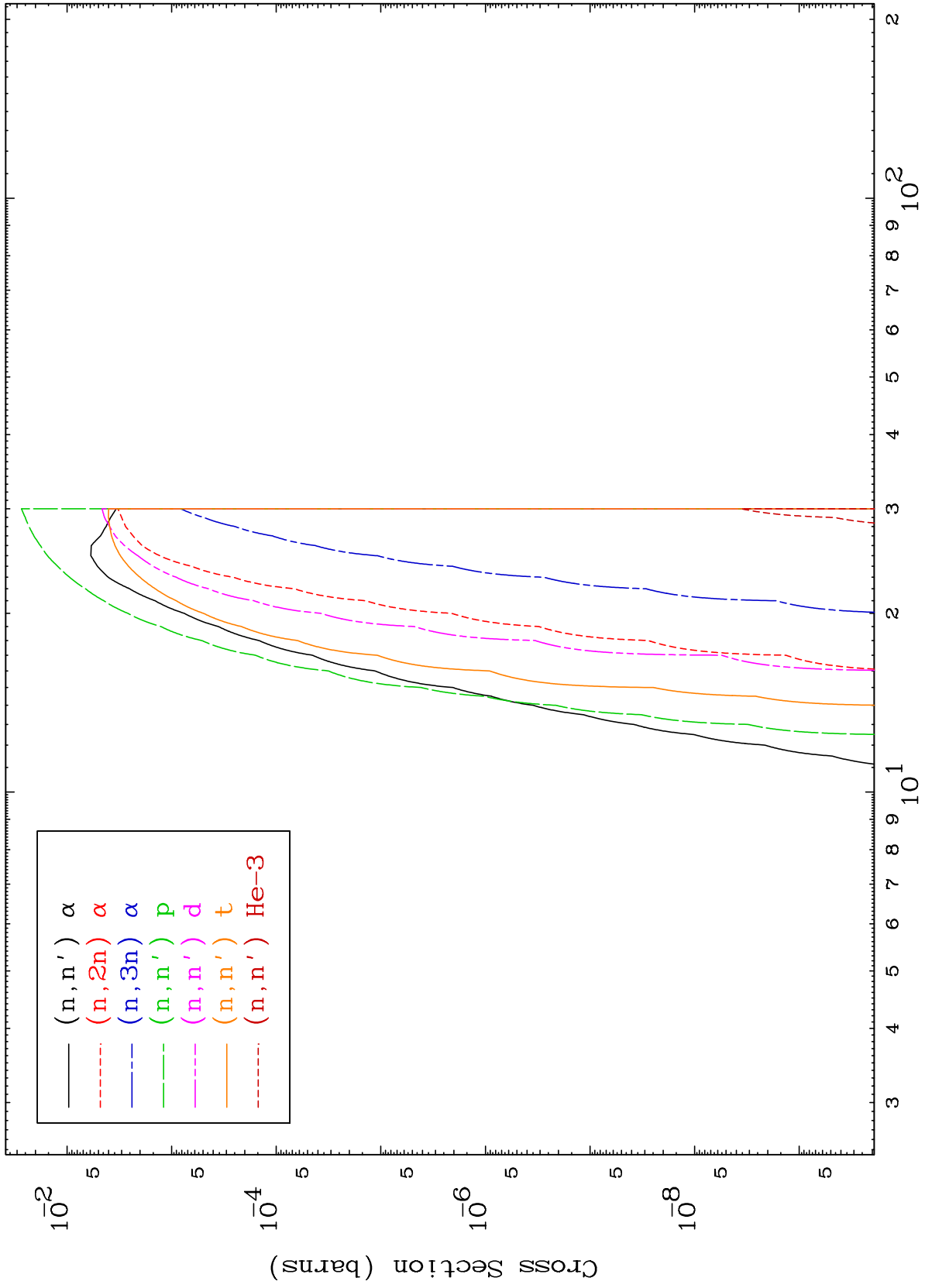
Neutron Production
293 Kelvin Cross Sections

57-La-149



57-La-149

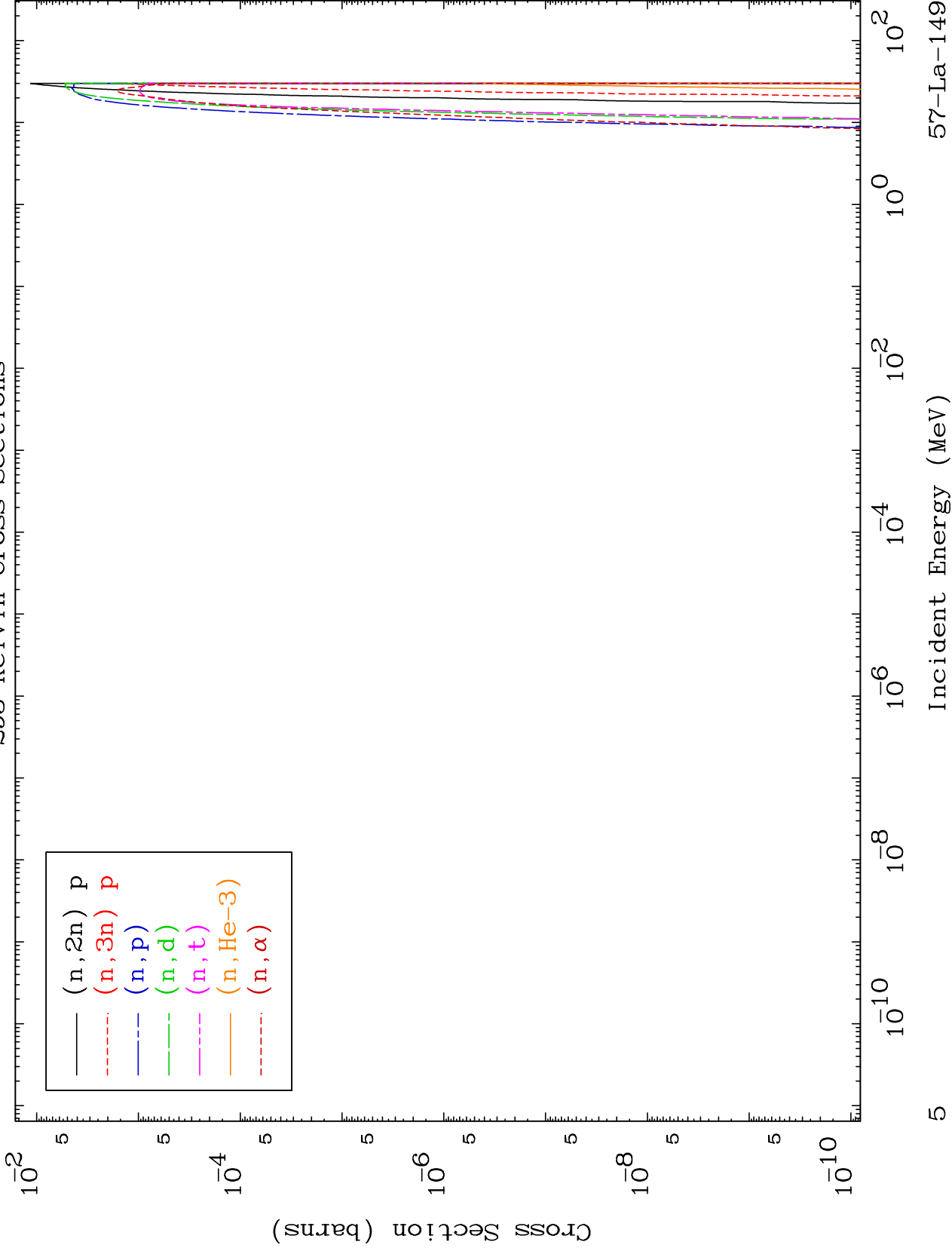
Incident Energy (MeV)



MAT 5758

Charged Particle
293 Kelvin Cross Sections

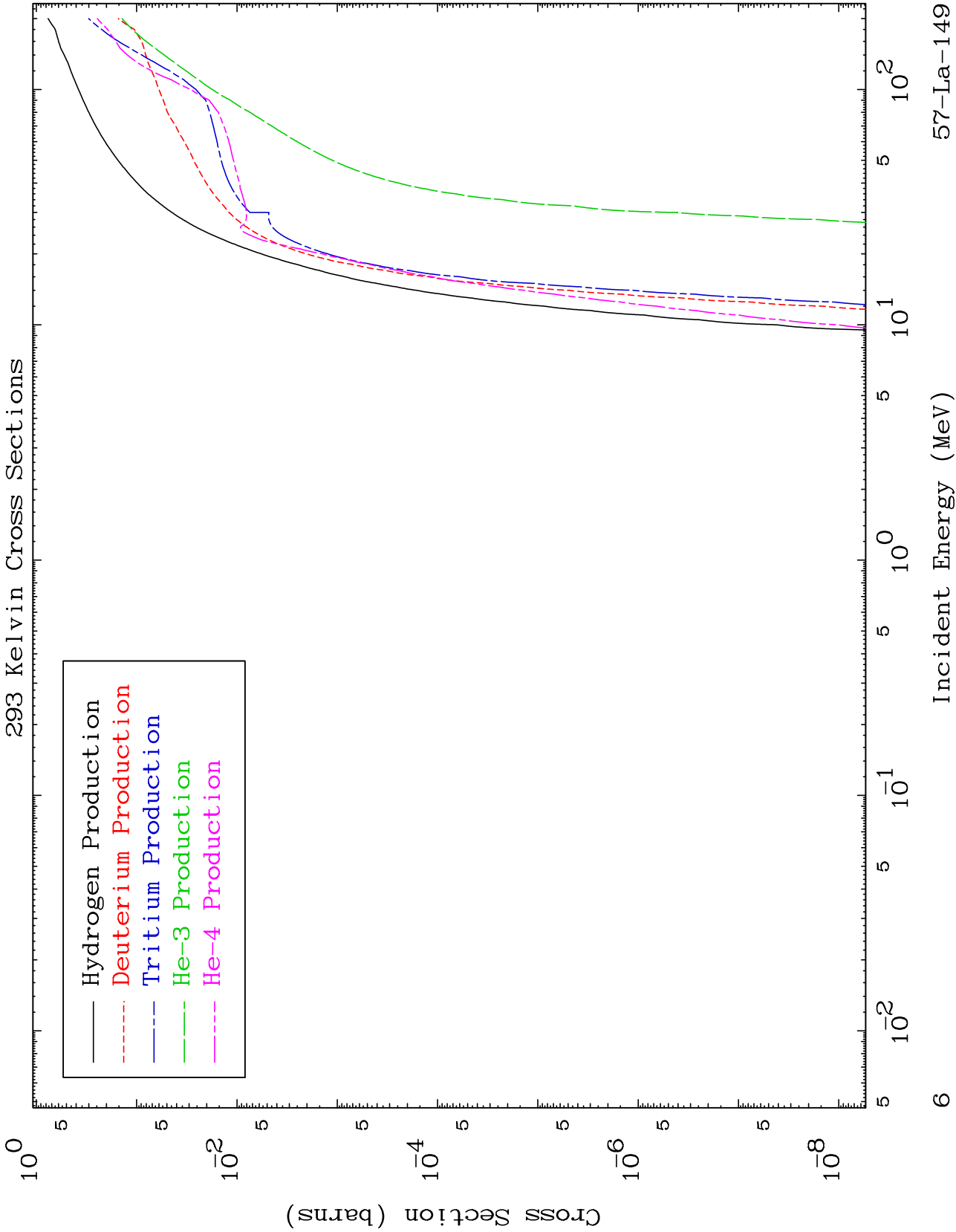
57-La-149



MAT 5758

Particle Production
293 Kelvin Cross Sections

57-La-149



57-La-149

Incident Energy (MeV)

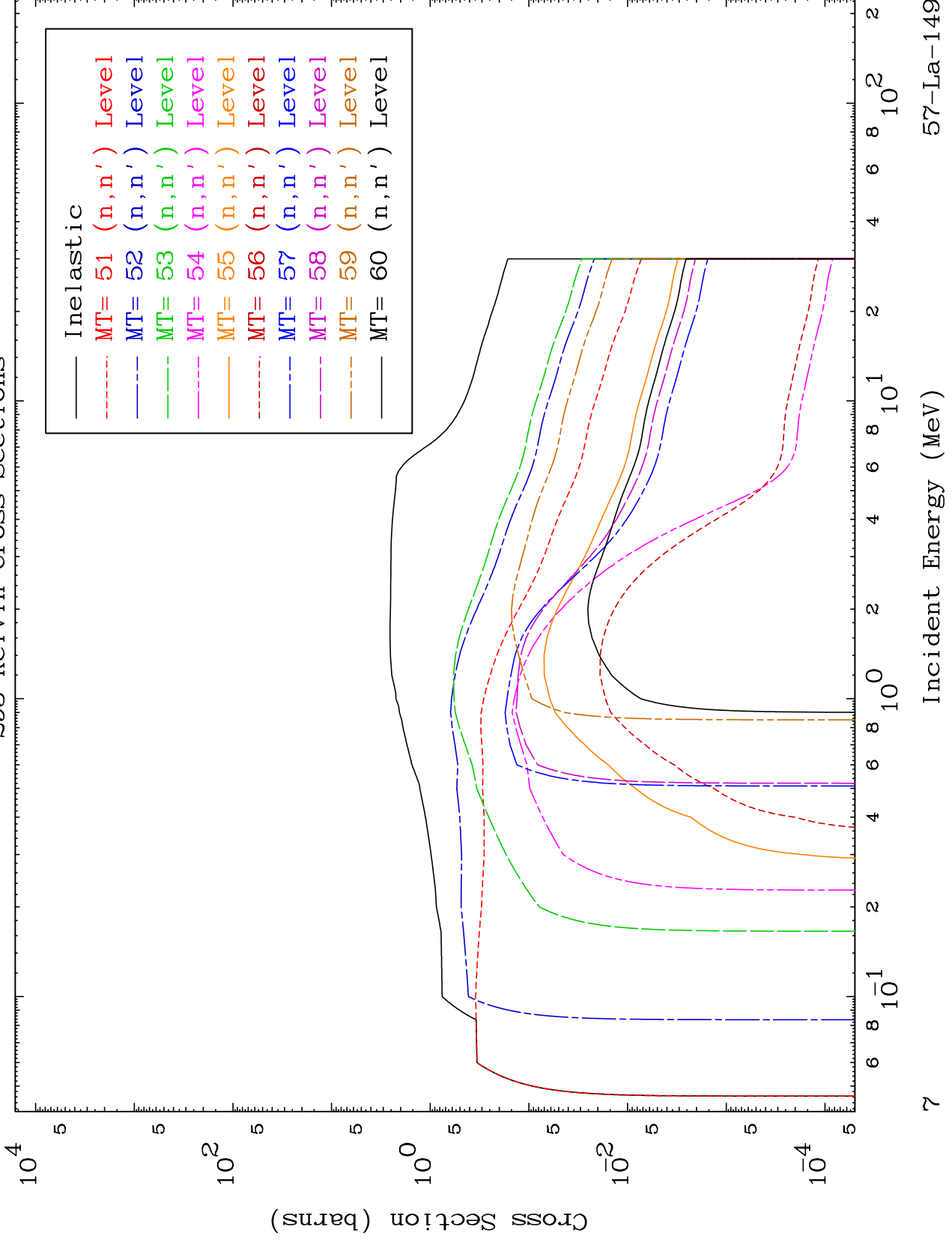
6

MAT 5758

(n,n') Level

57-La-149

293 Kelvin Cross Sections

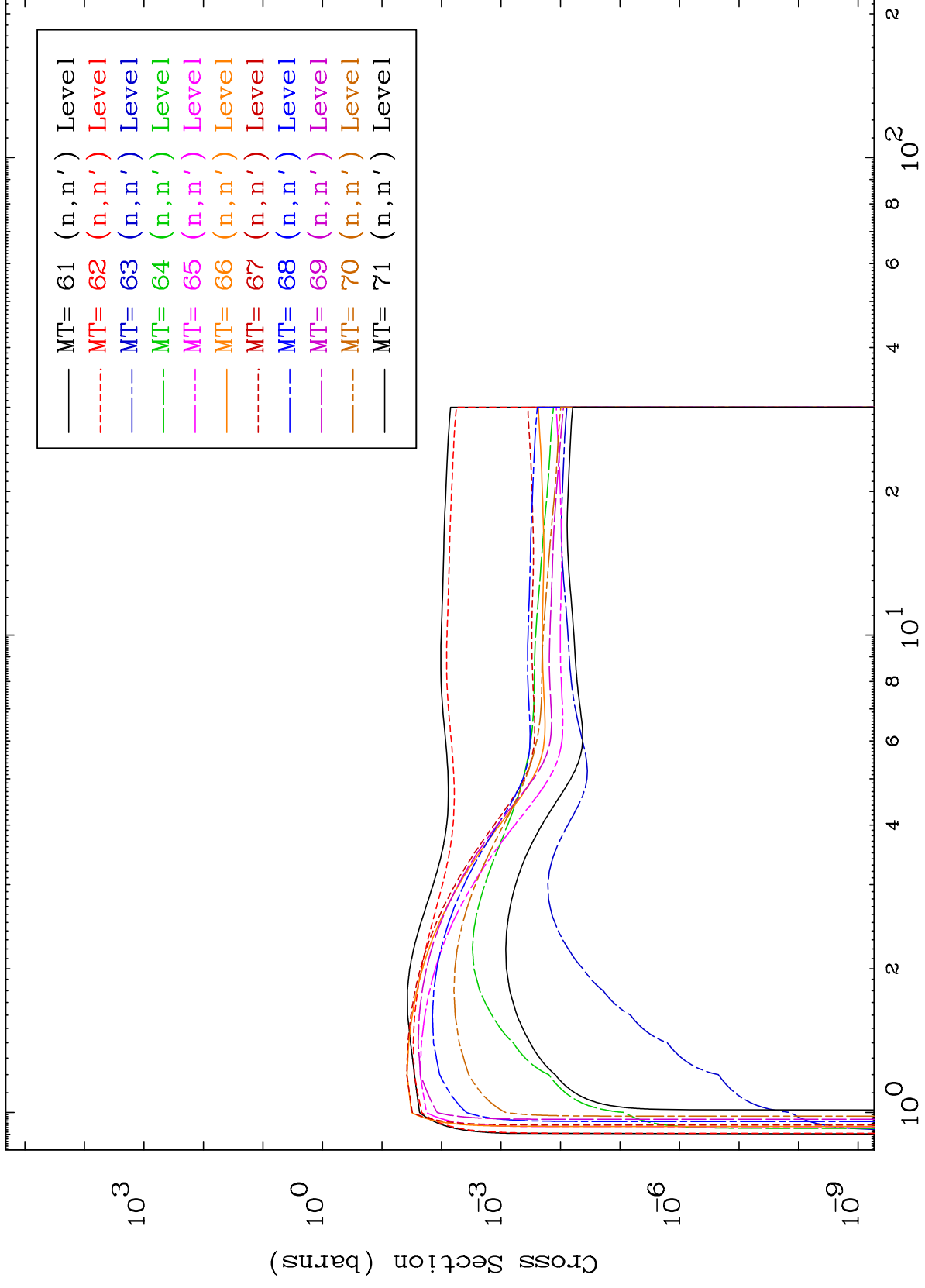


MAT 5758

(n,n') Level

57-La-149

293 Kelvin Cross Sections



Incident Energy (MeV)

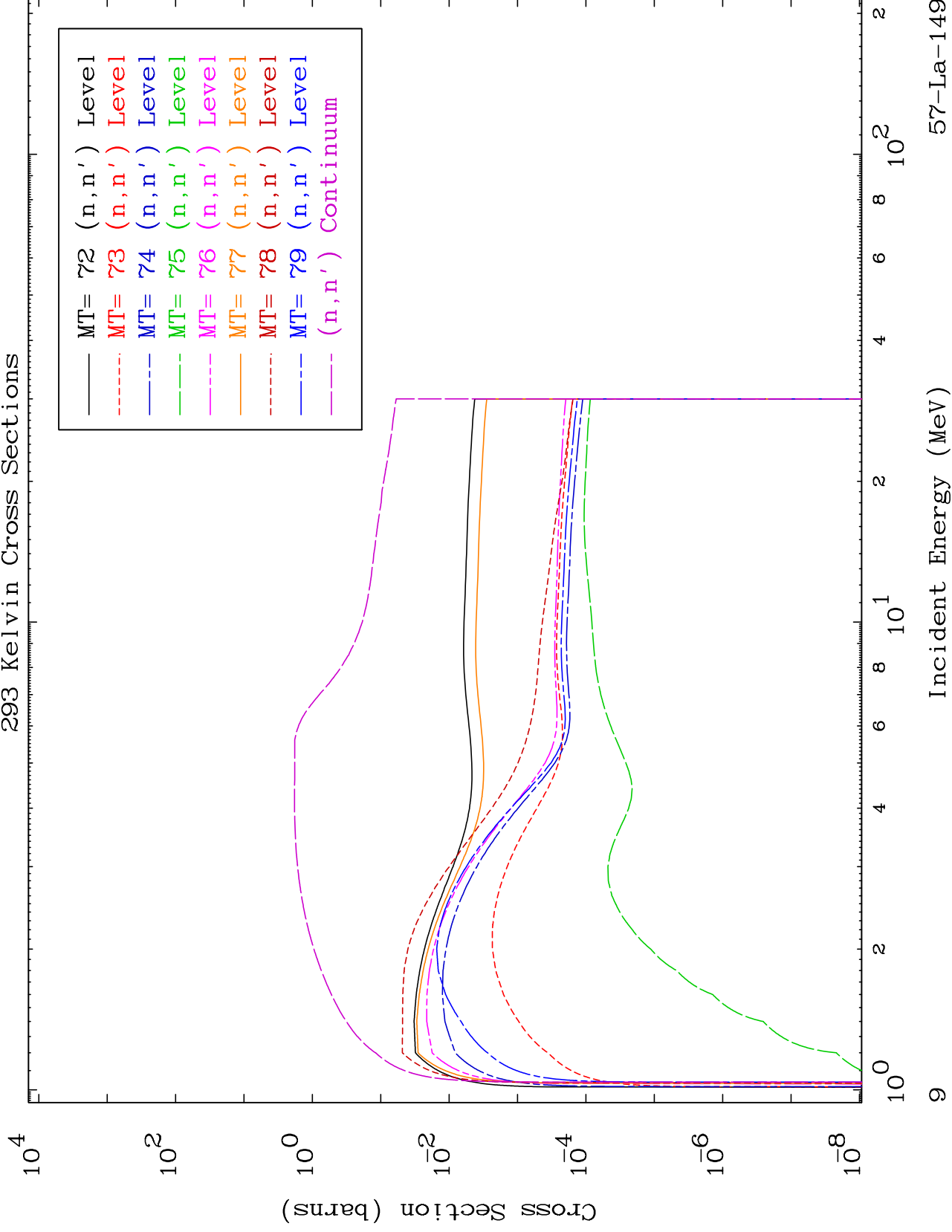
57-La-149

MAT 5758

(n,n') Level

57-La-149

293 Kelvin Cross Sections



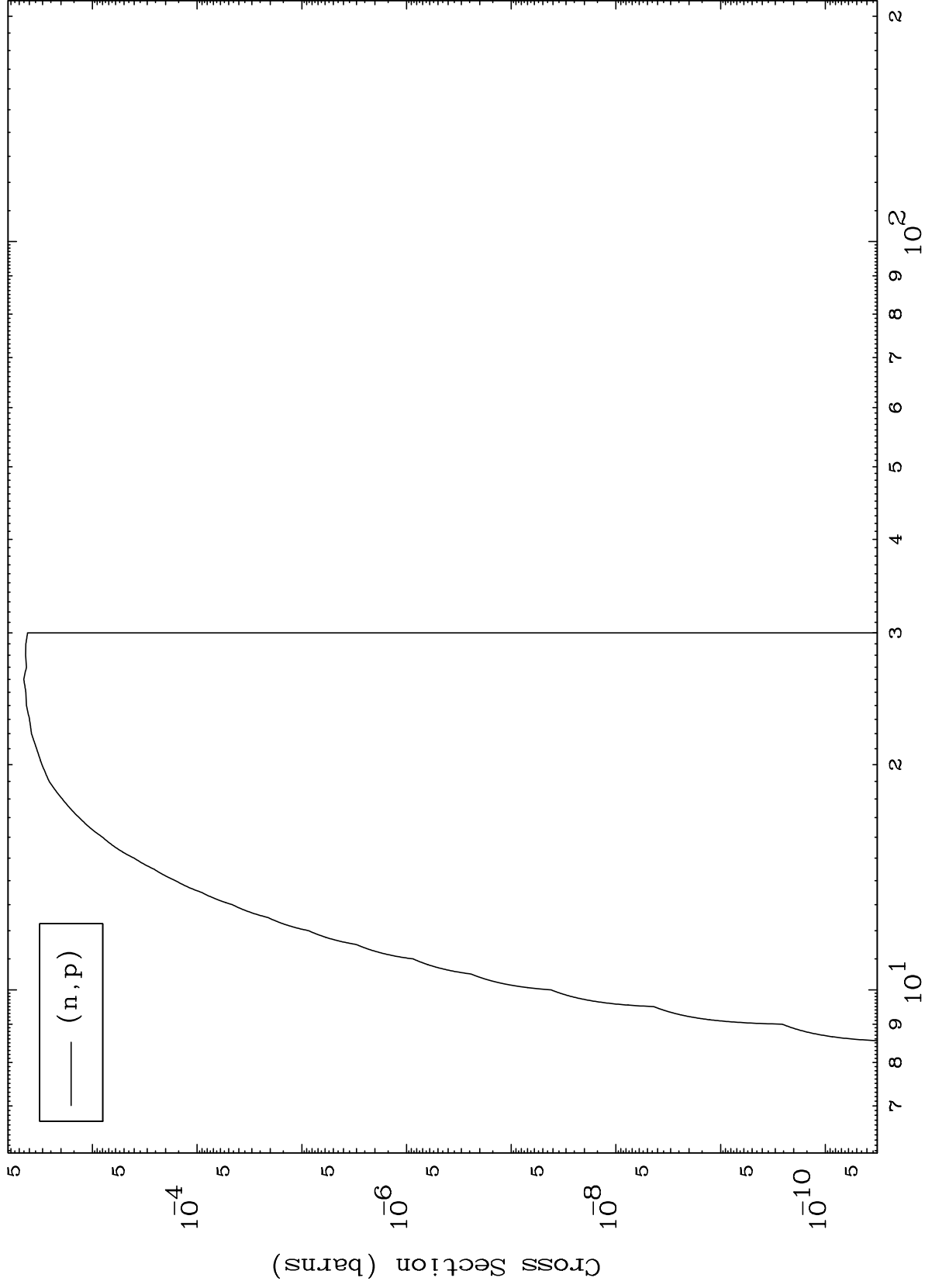
Incident Energy (MeV)

57-La-149

MAT 5758

(n,p) Levels
293 Kelvin Cross Sections

57-La-149



10

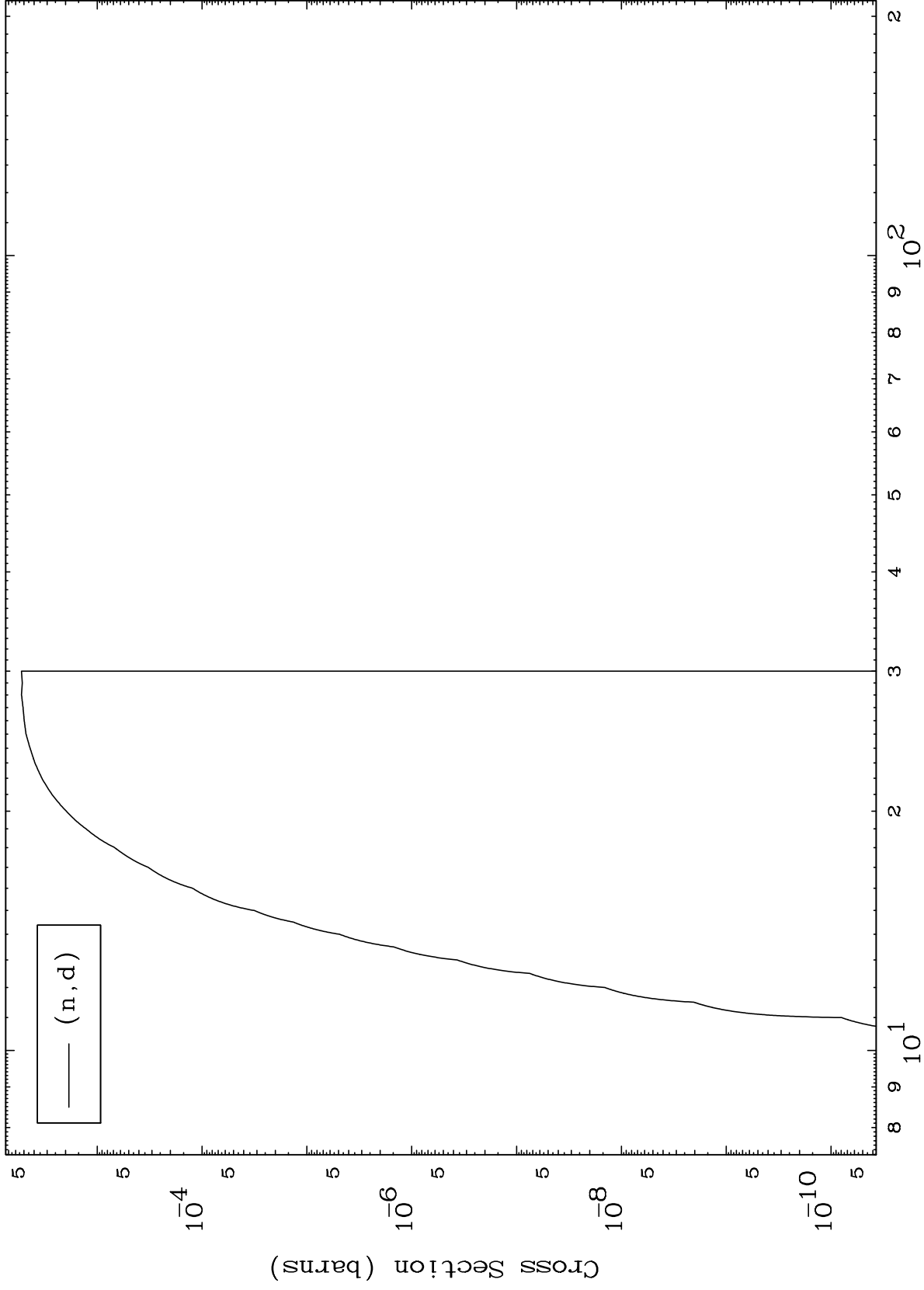
Incident Energy (MeV)

57-La-149

MAT 5758

(n,d) Levels
293 Kelvin Cross Sections

57-La-149



11

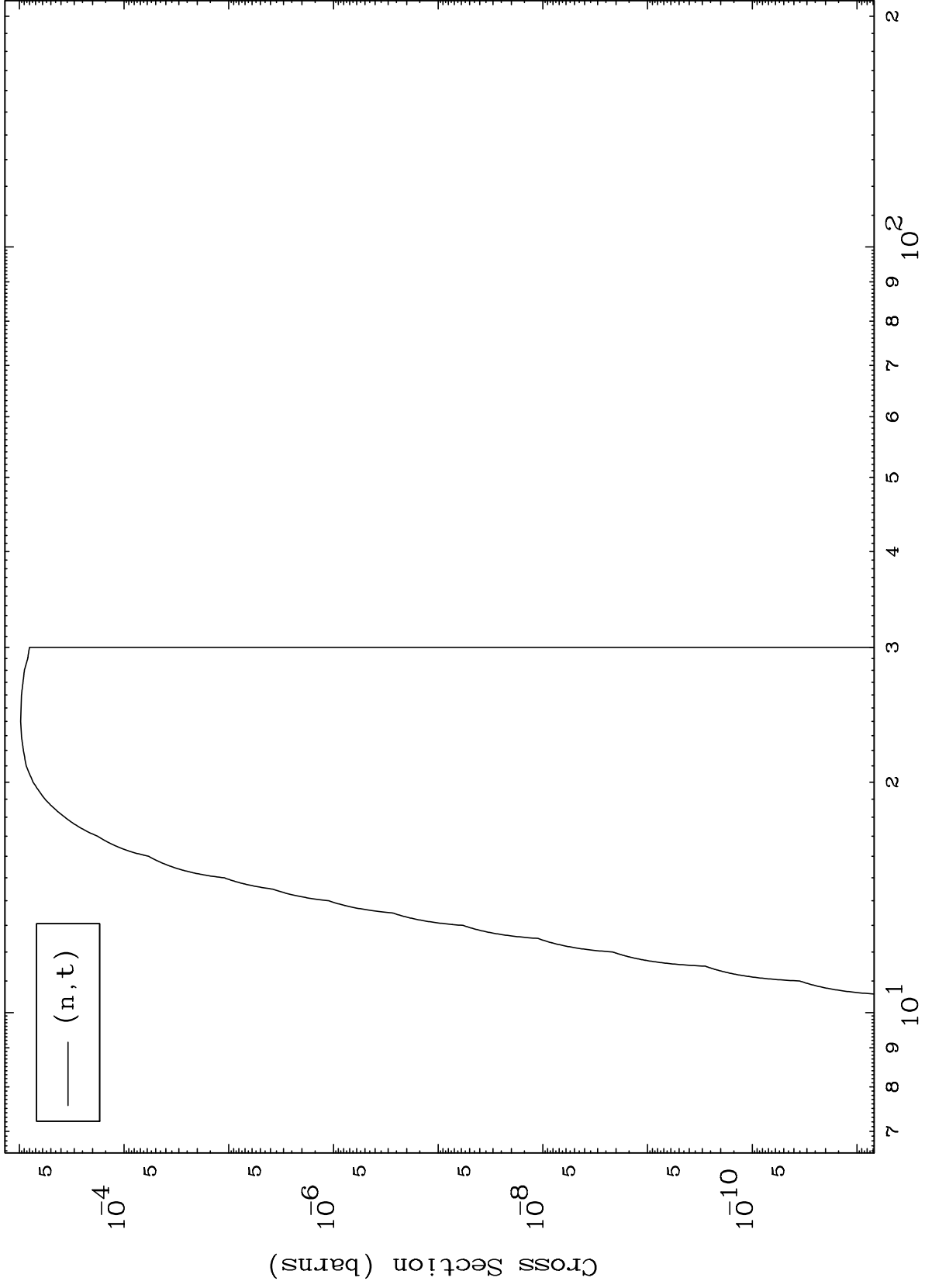
Incident Energy (MeV)

57-La-149

MAT 5758

(n,t) Levels
293 Kelvin Cross Sections

57-La-149



12

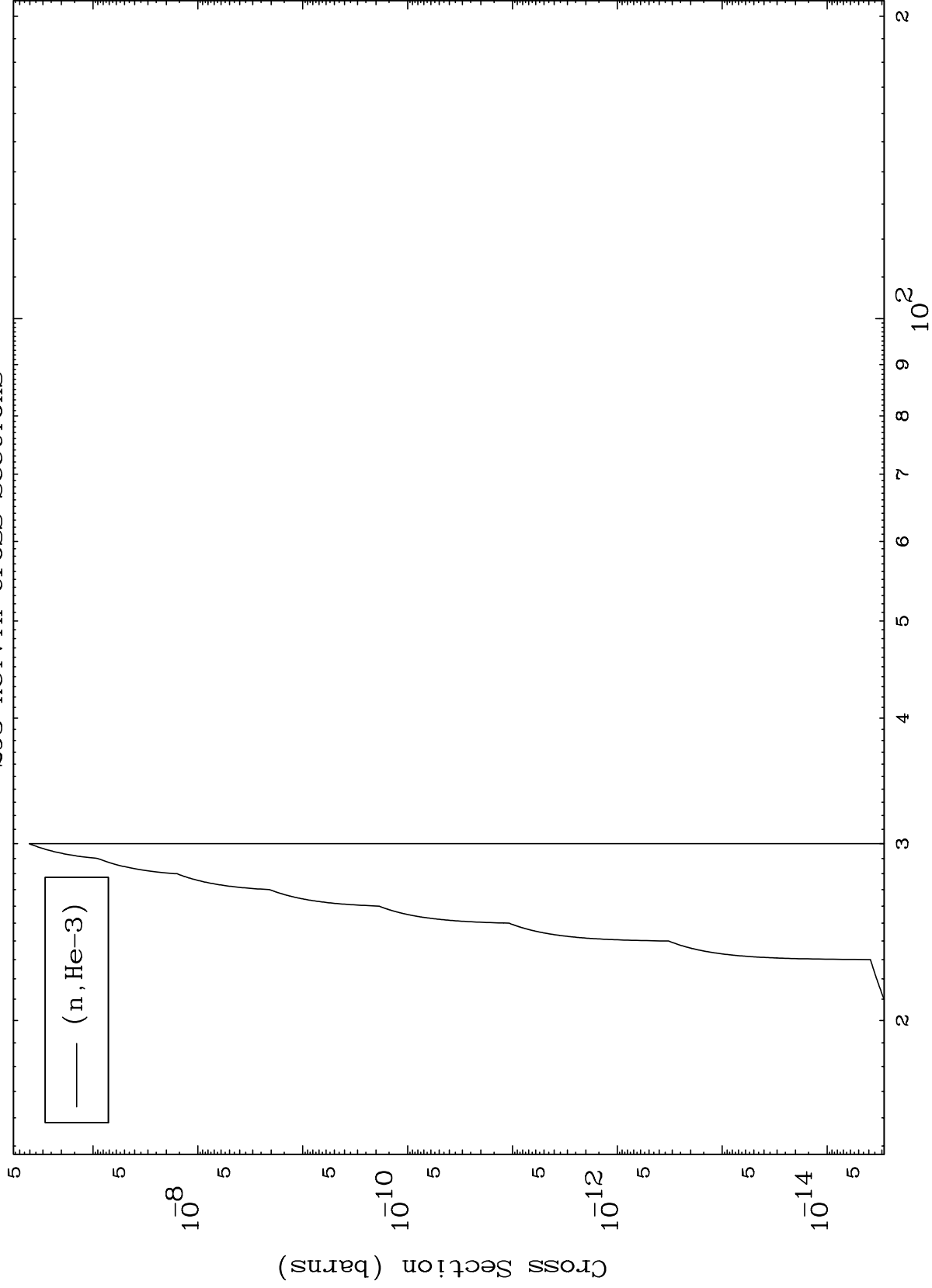
Incident Energy (MeV)

57-La-149

MAT 5758

(n,He3) Levels
293 Kelvin Cross Sections

57-La-149



13

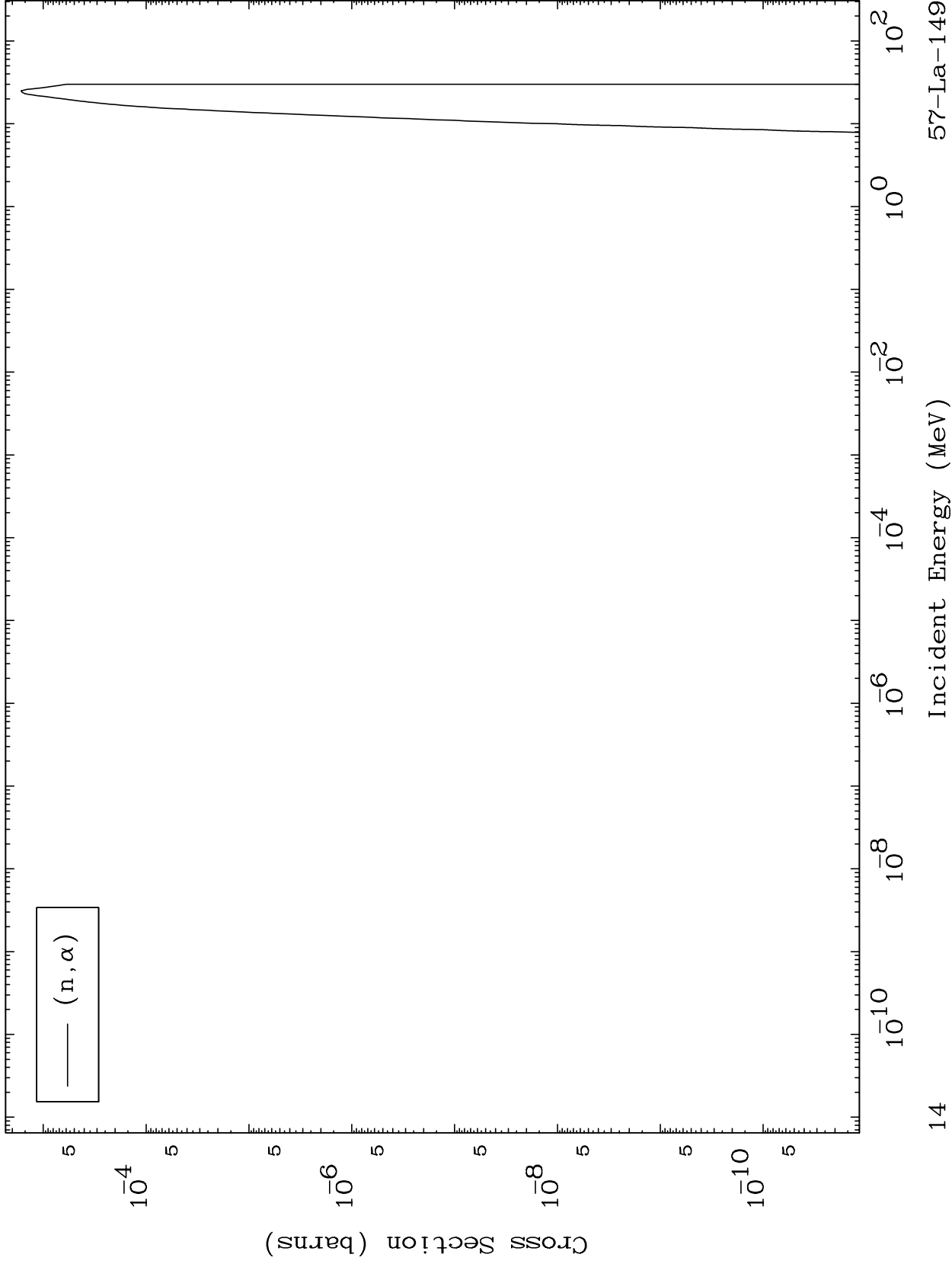
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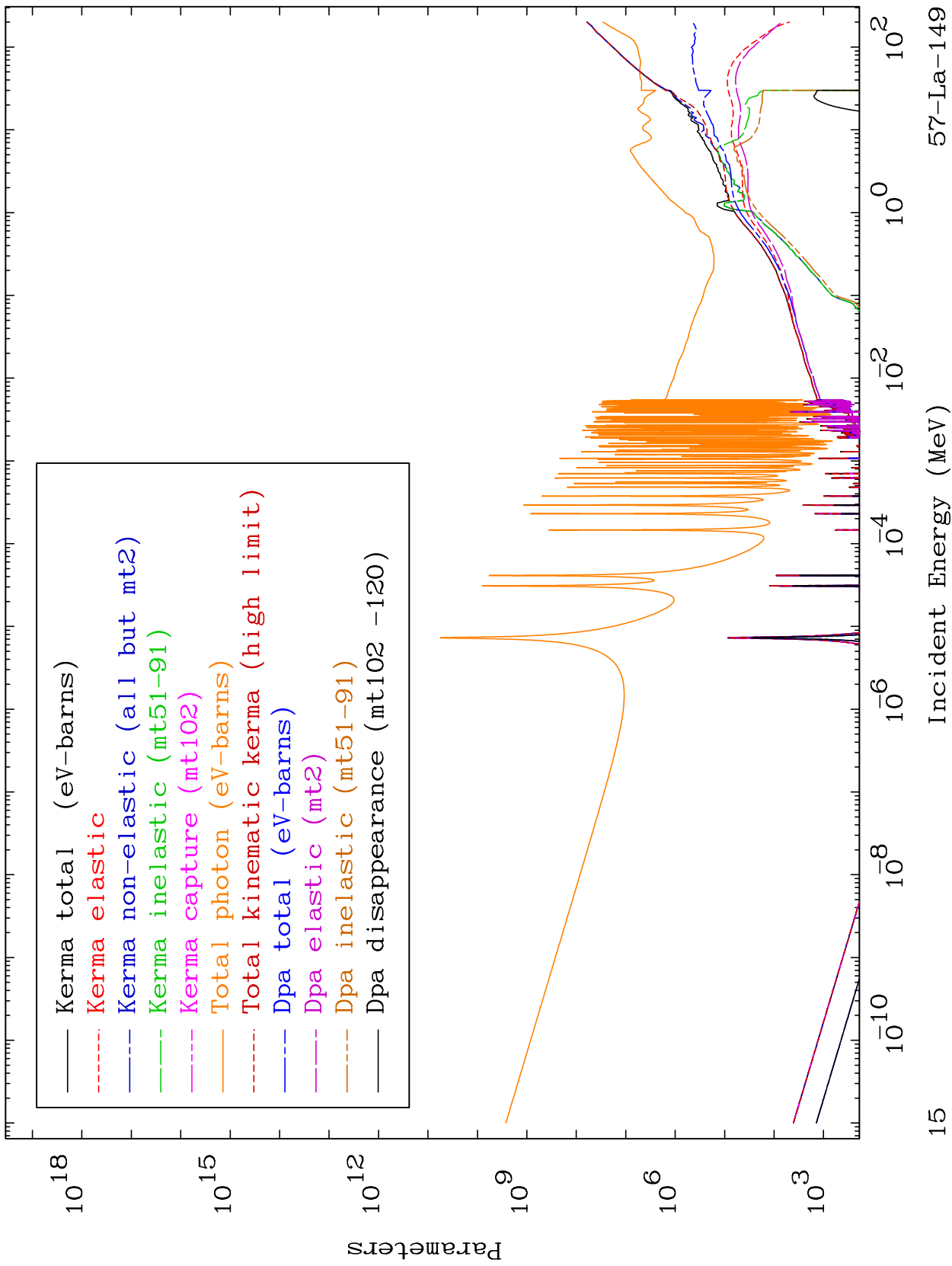
57-La-149

MAT 5758

(n, α) Levels
293 Kelvin Cross Sections

57-La-149

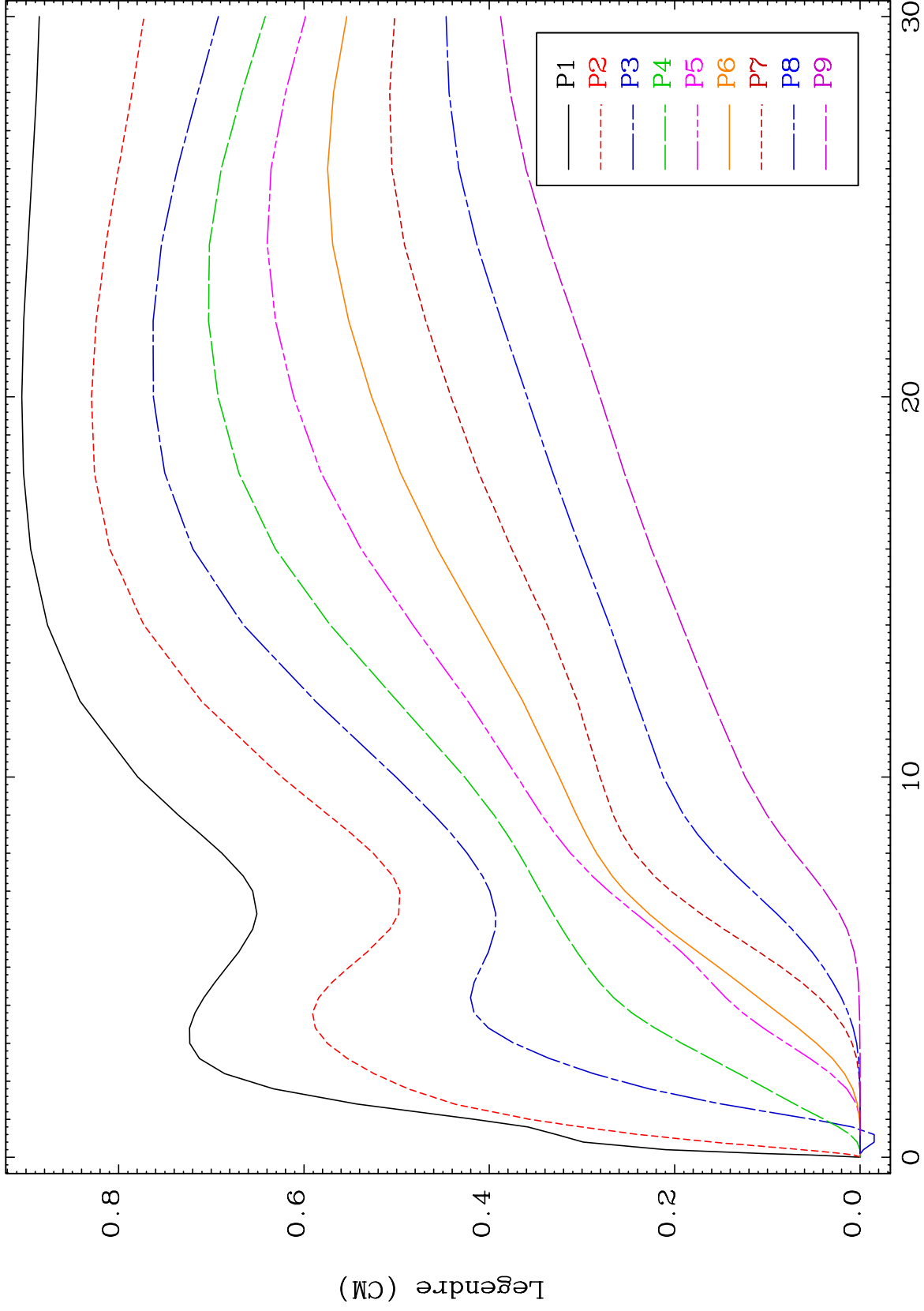




MAT 5758

Elastic Legendre Coefficients

57-La-149



16

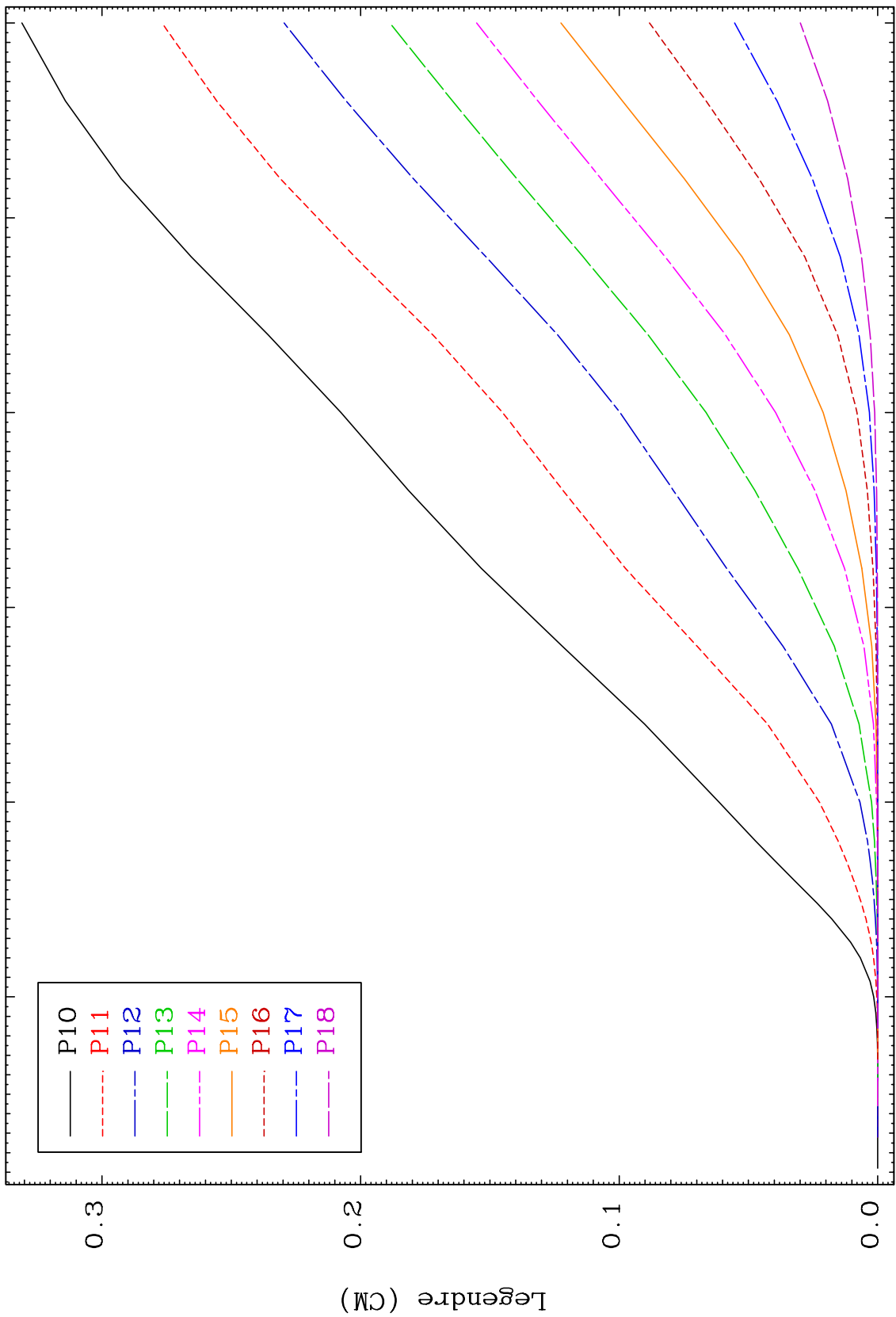
Incident Energy (MeV)

57-La-149

MAT 5758

Elastic Legendre Coefficients

⁵⁷La-149



17

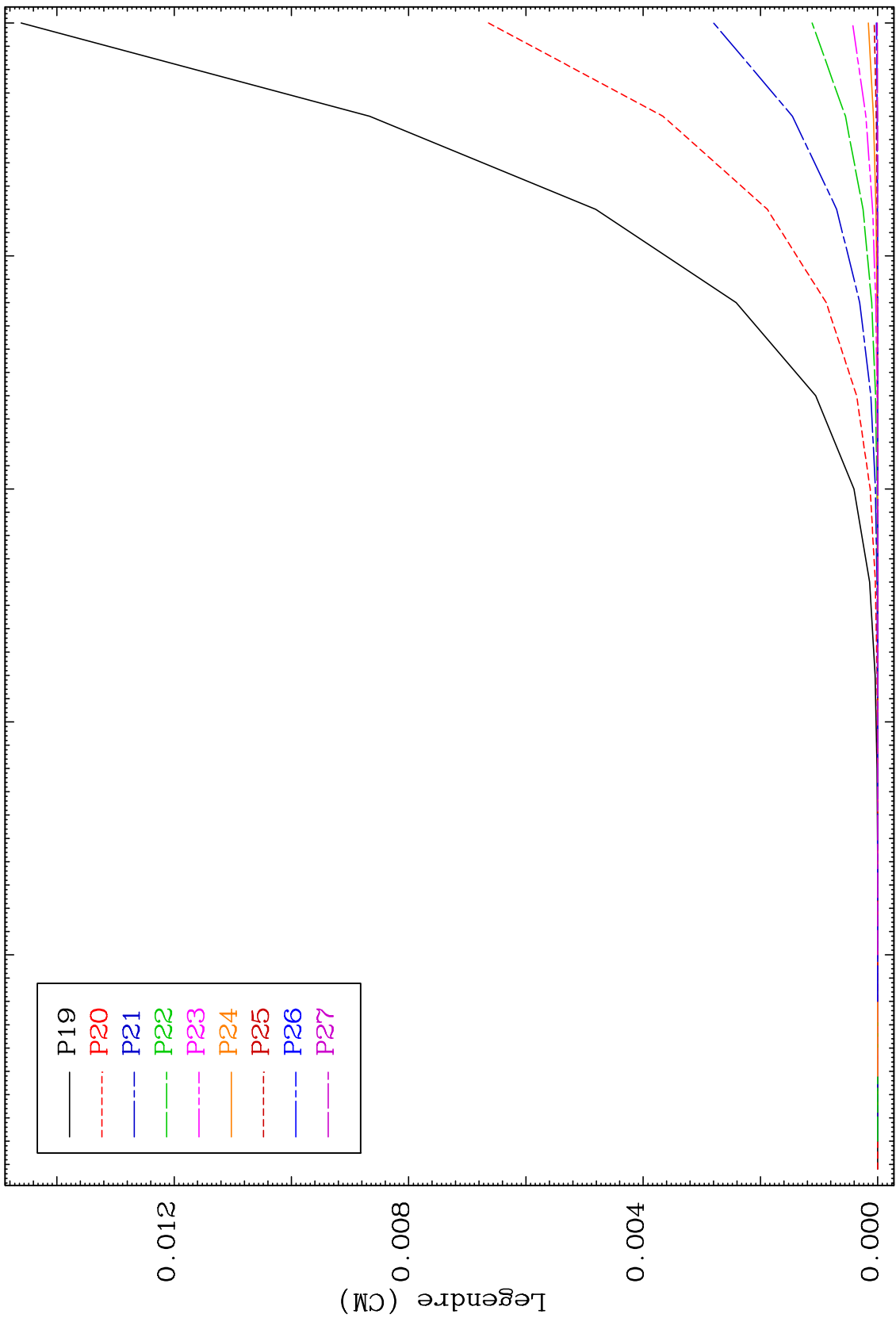
⁵⁷La-149

Incident Energy (MeV)

MAT 5758

Elastic
Legendre Coefficients

57-La-149



18

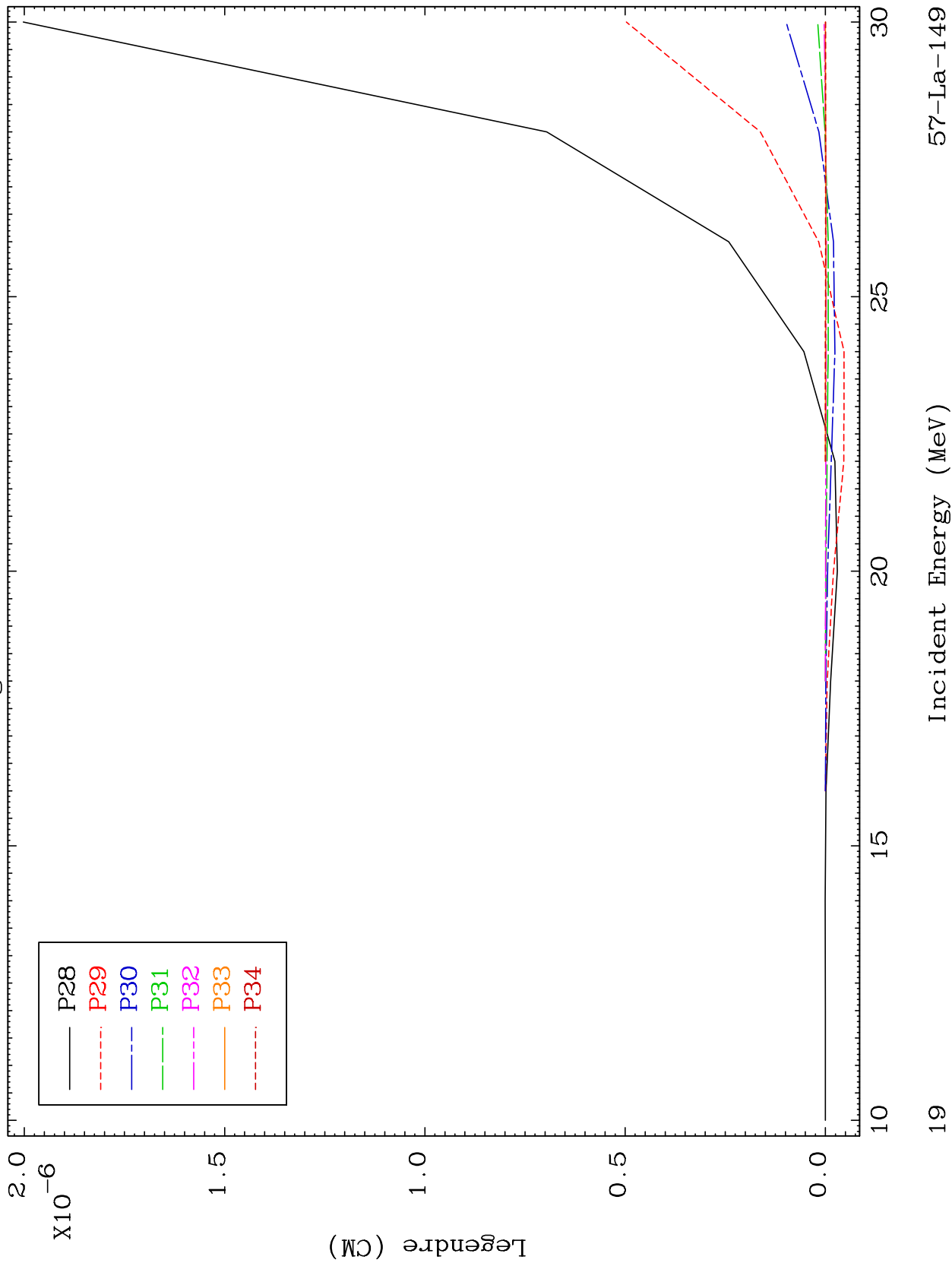
Incident Energy (MeV)

57-La-149

MAT 5758

Elastic
Legendre Coefficients

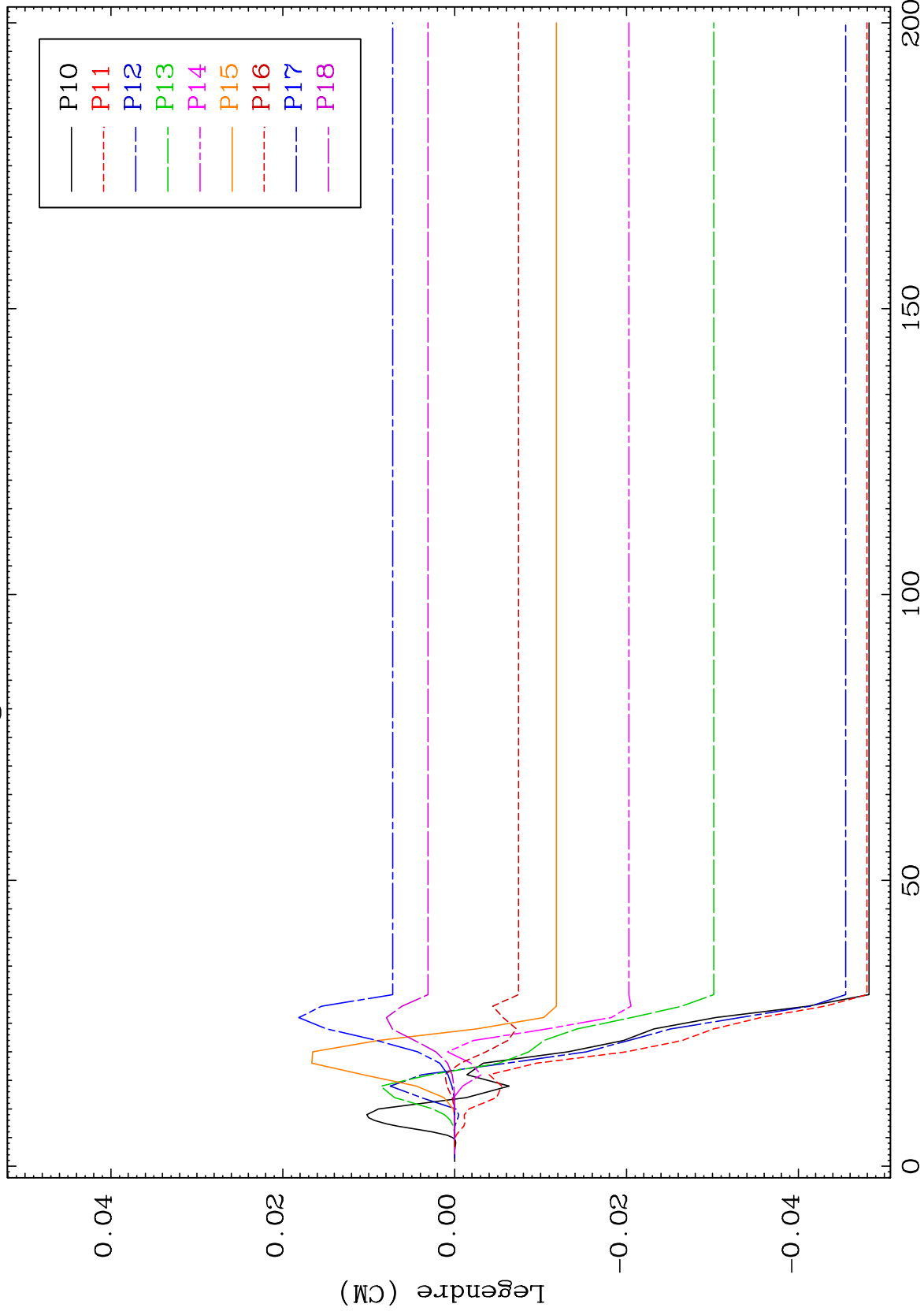
57-La-149



MAT 5758

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

57-La-149



21

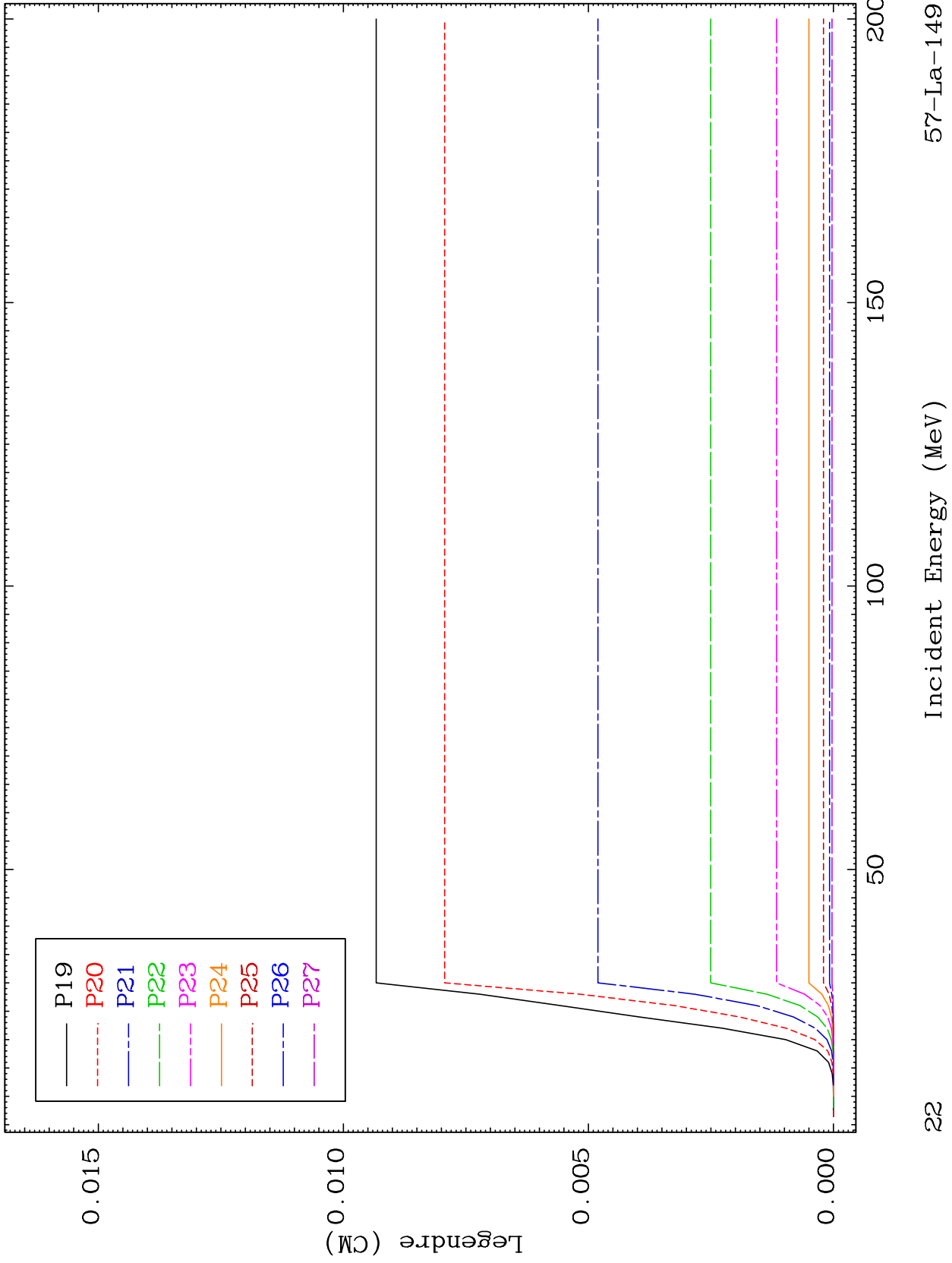
Incident Energy (MeV)

57-La-149

MAT 5758

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

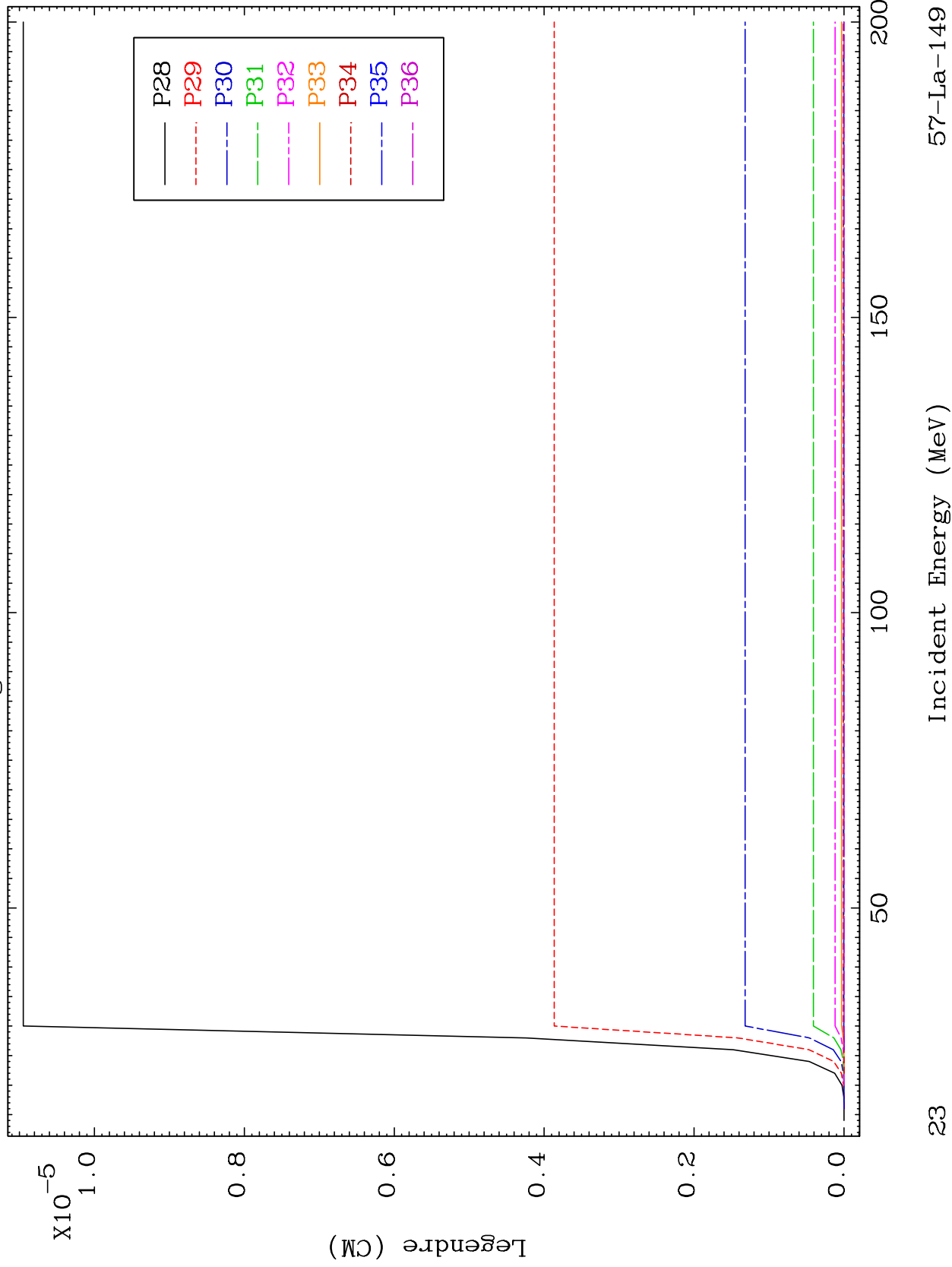
57-La-149



MAT 5758

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

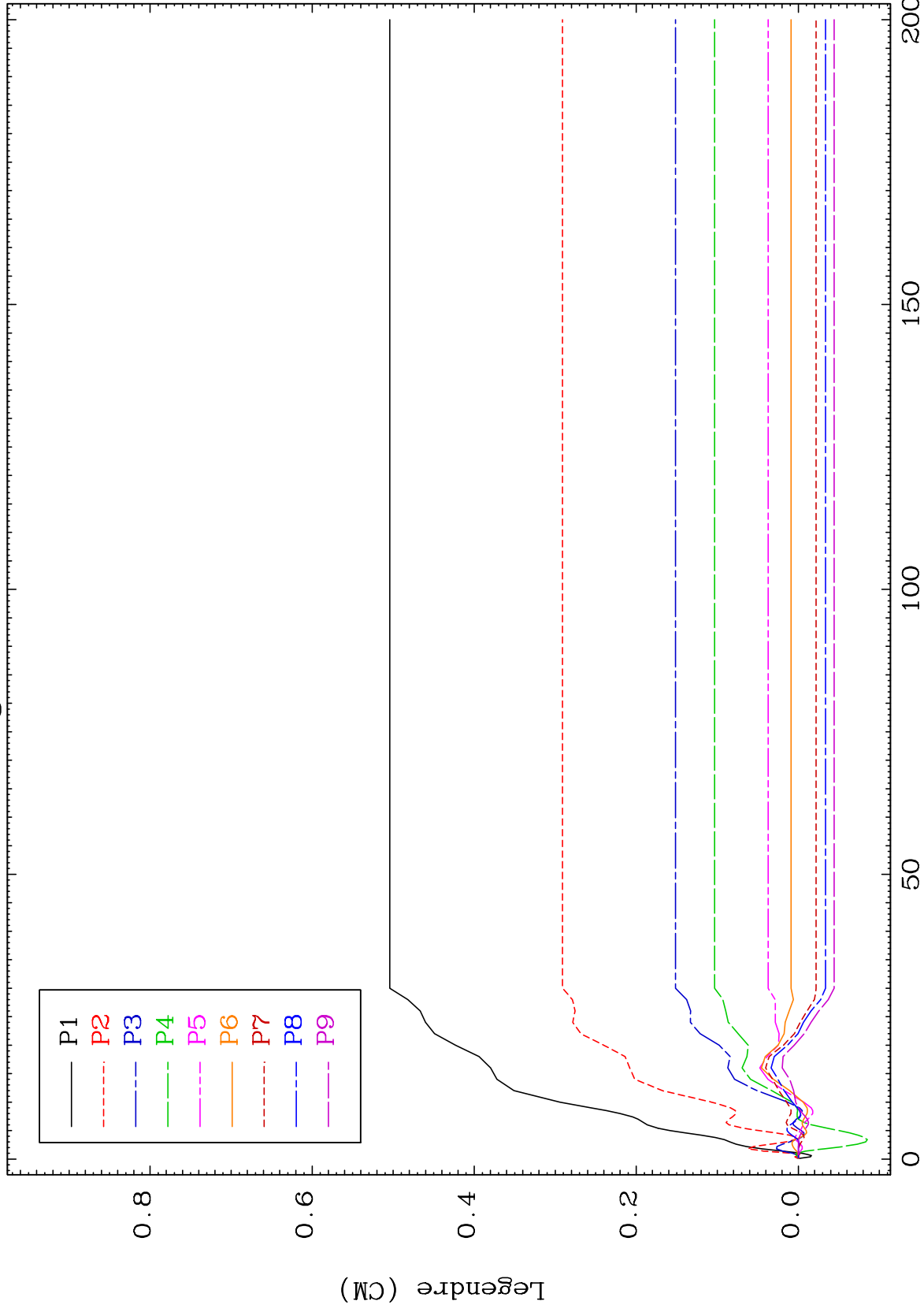
57-La-149



MAT 5758

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

57-La-149



24

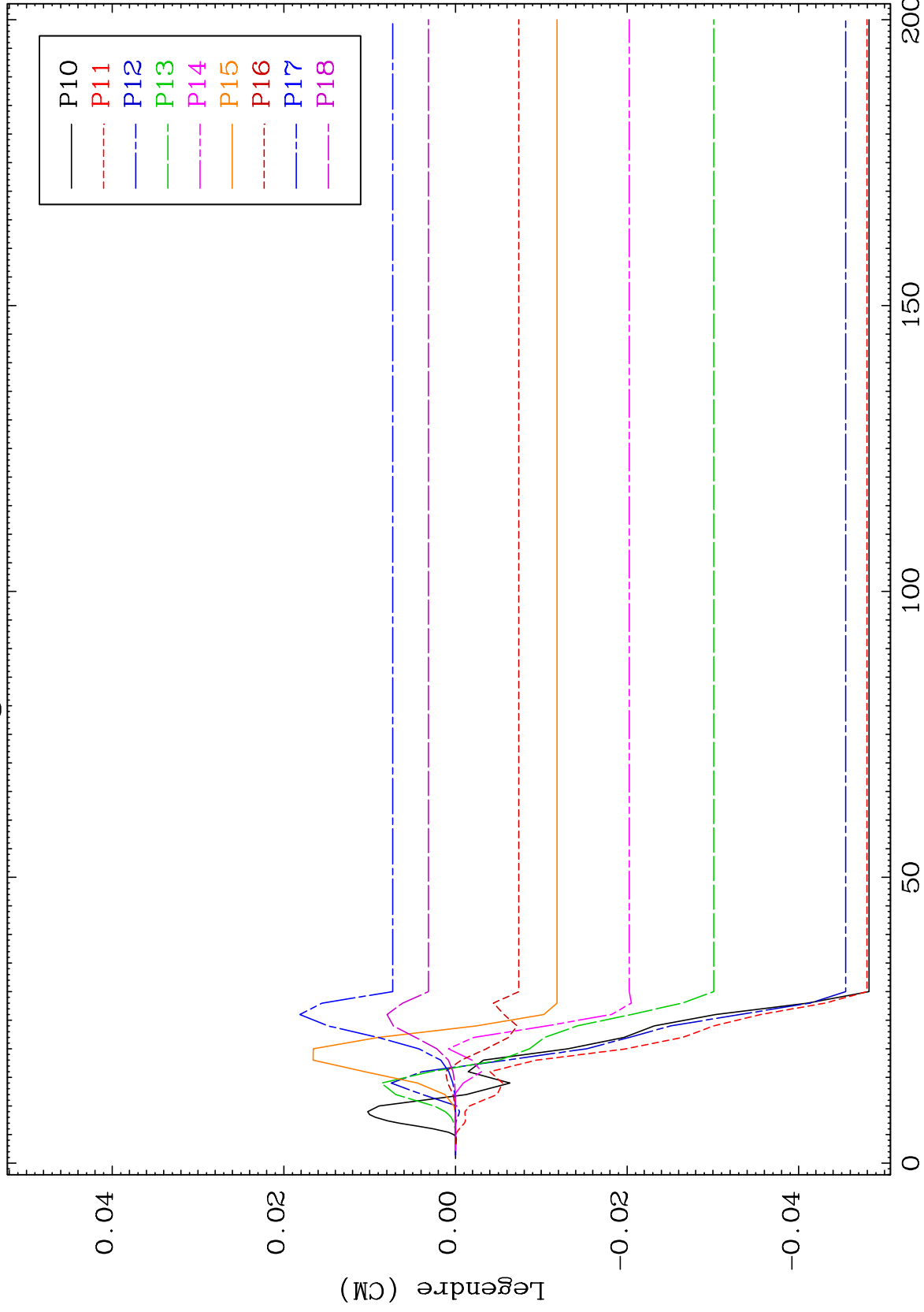
Incident Energy (MeV)

57-La-149

MAT 5758

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

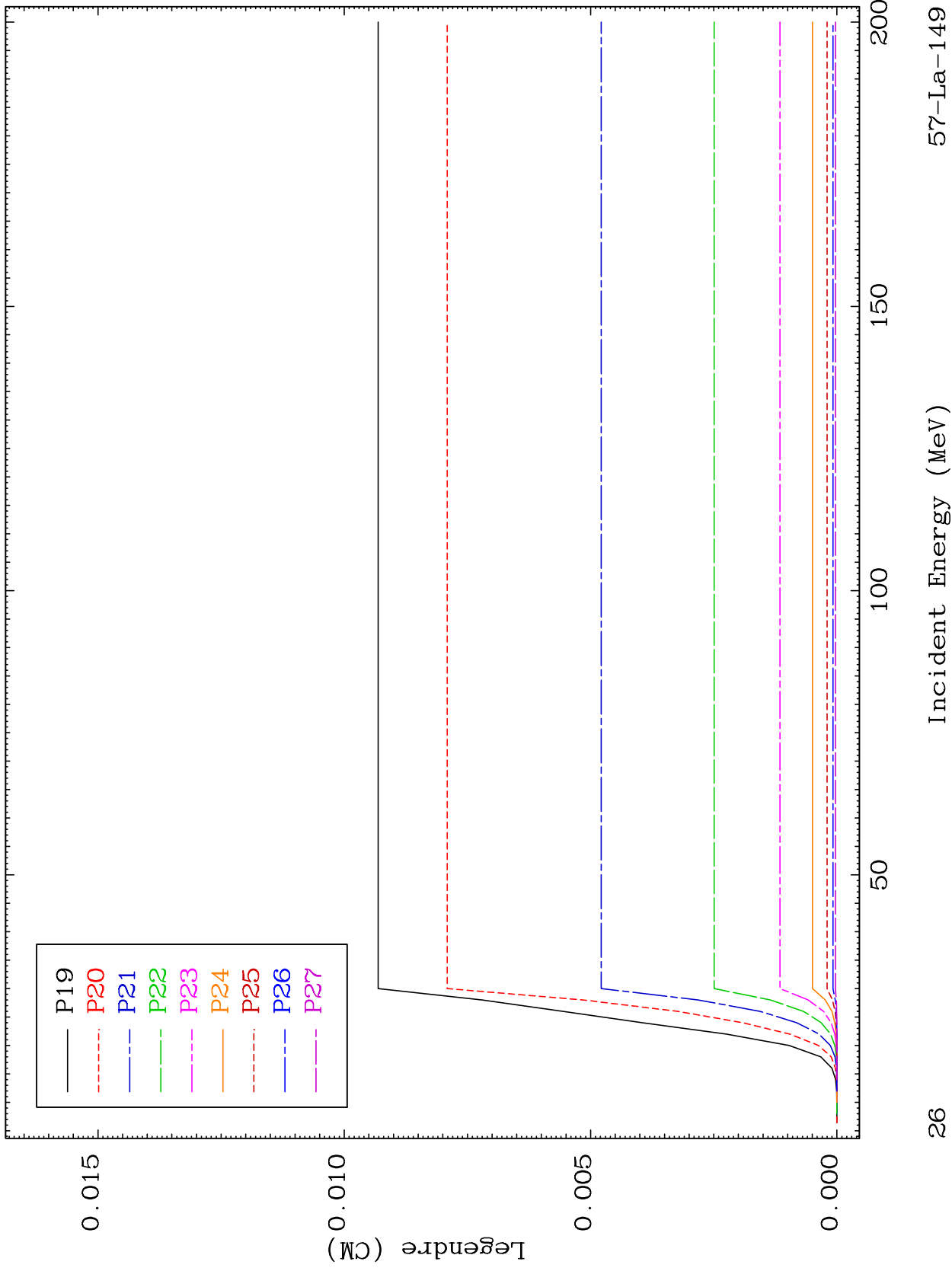
57-La-149



57-La-149

Incident Energy (MeV)

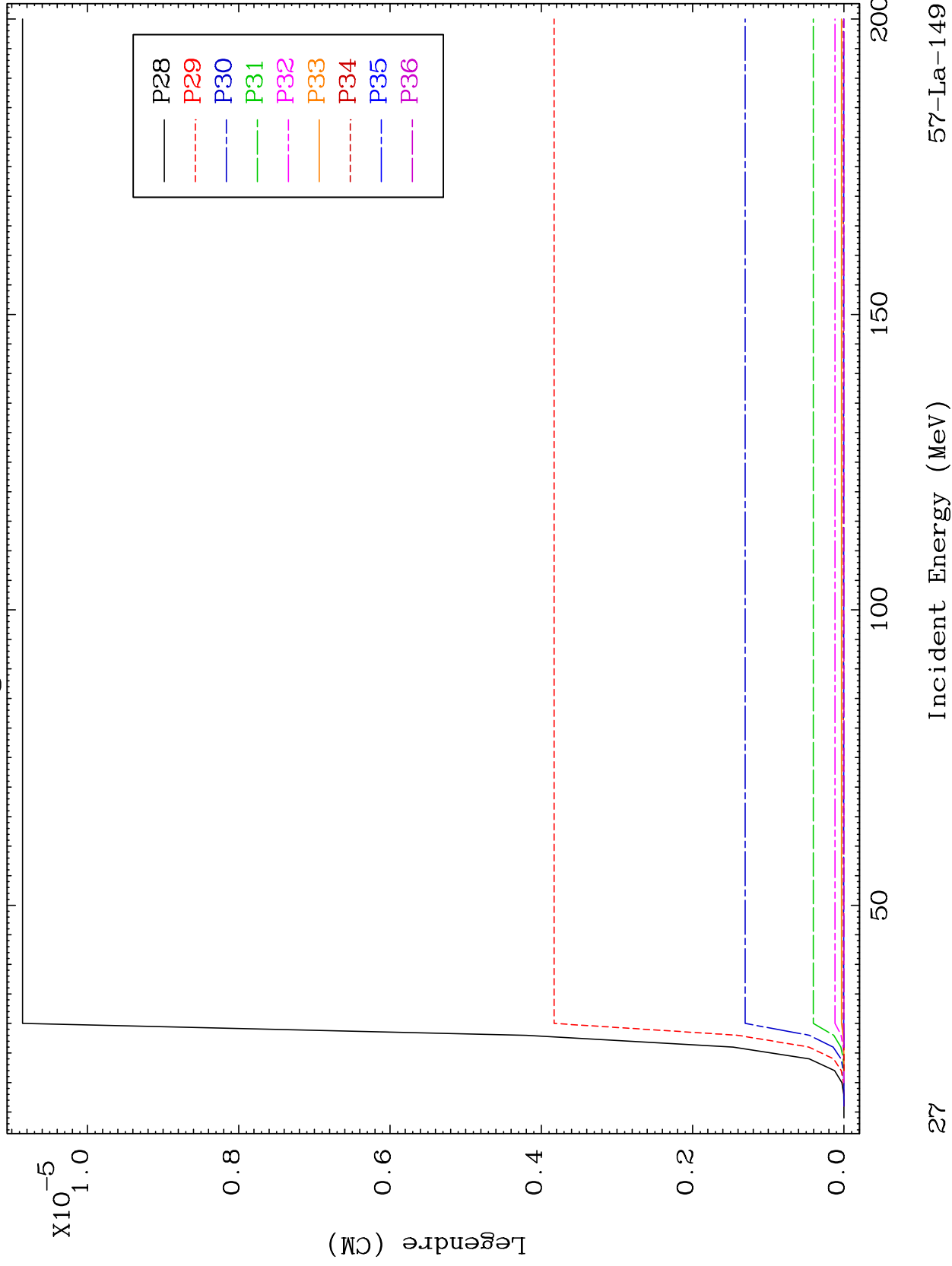
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MAT 5758

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

57-La-149



27

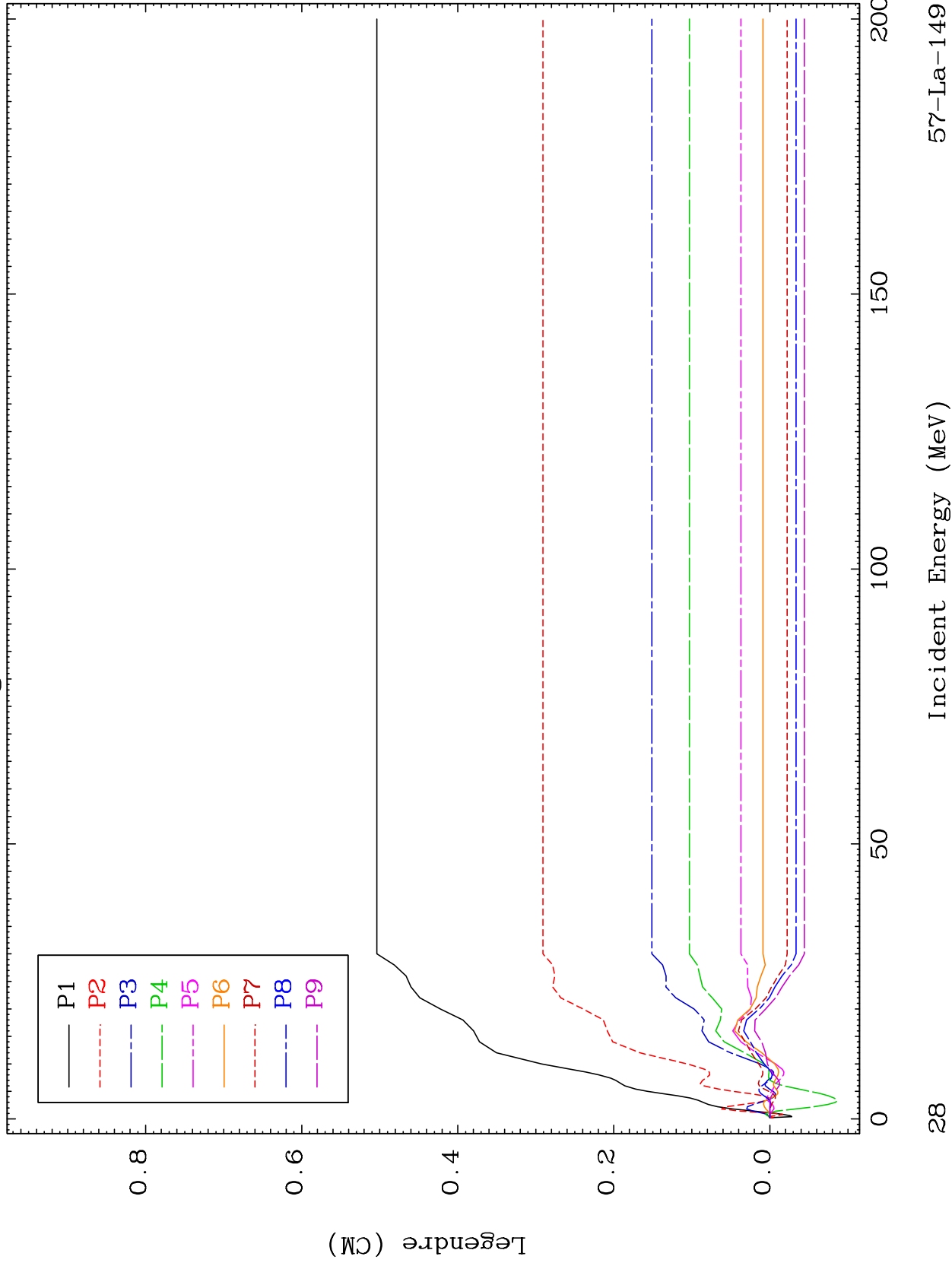
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

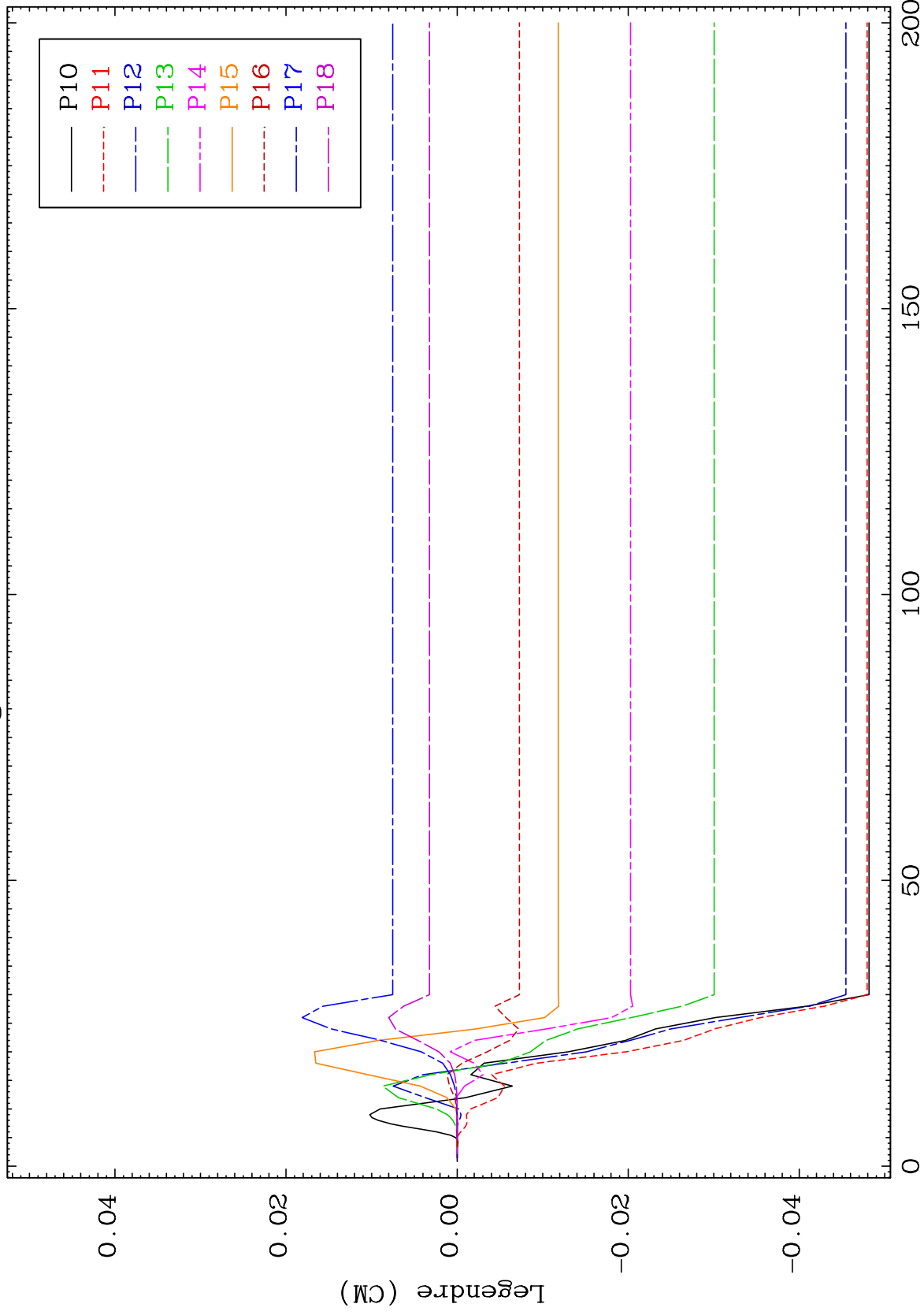
Incident Energy (MeV)

28

MAT 5758

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

57-La-149



29

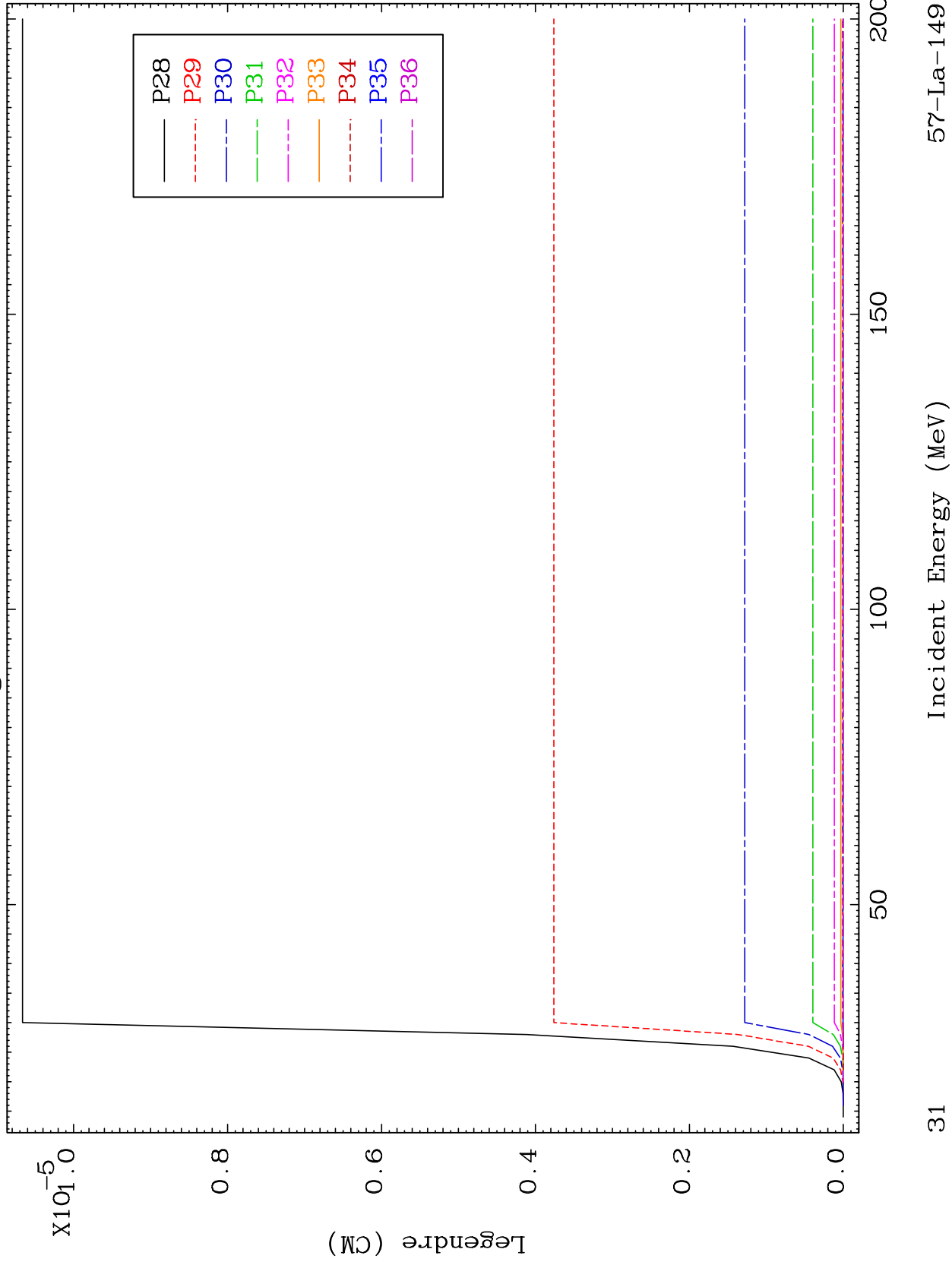
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



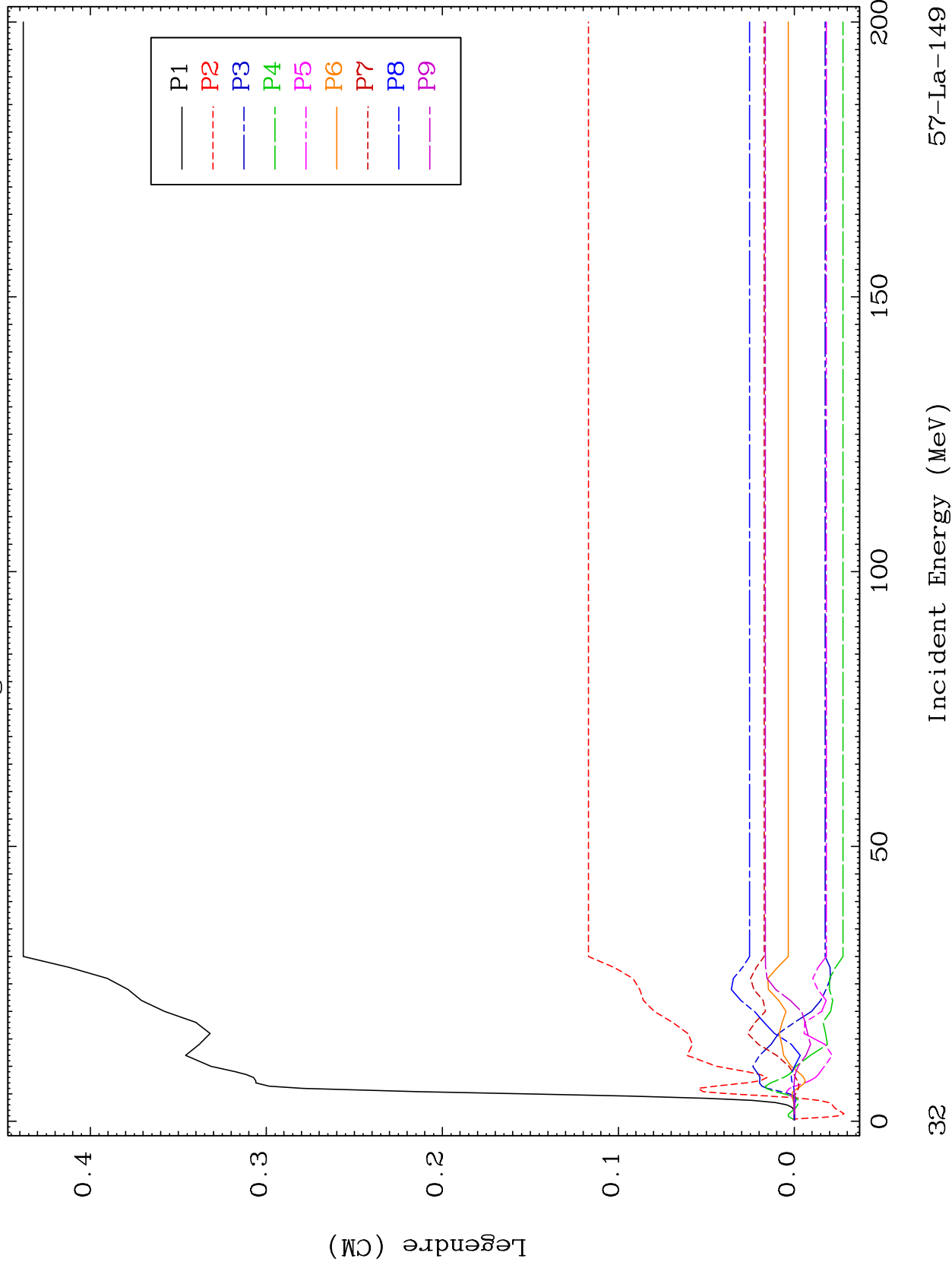
31

57-La-149

MAT 5758

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

57-La-149



57-La-149

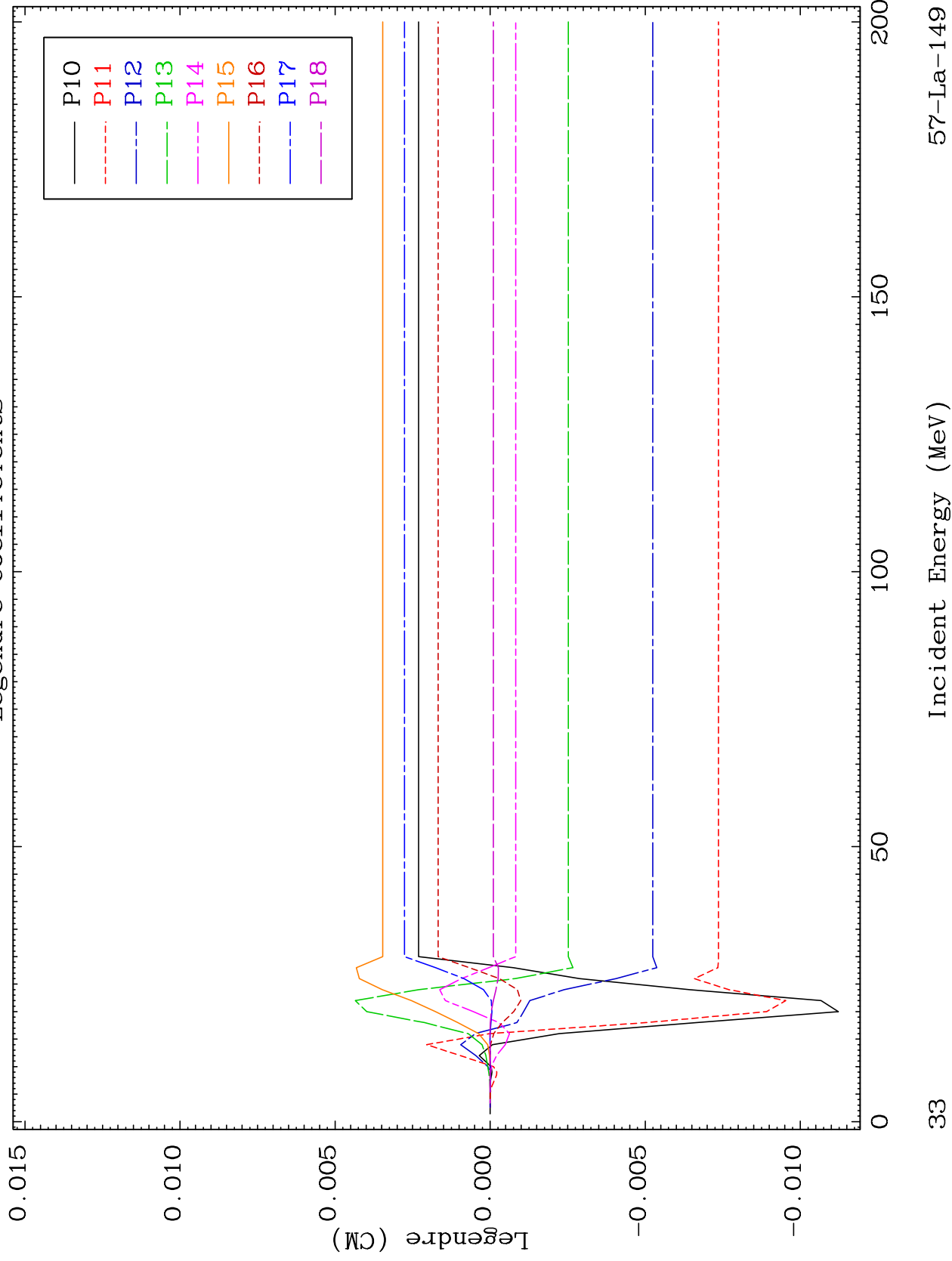
Incident Energy (MeV)

32

MAT 5758

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

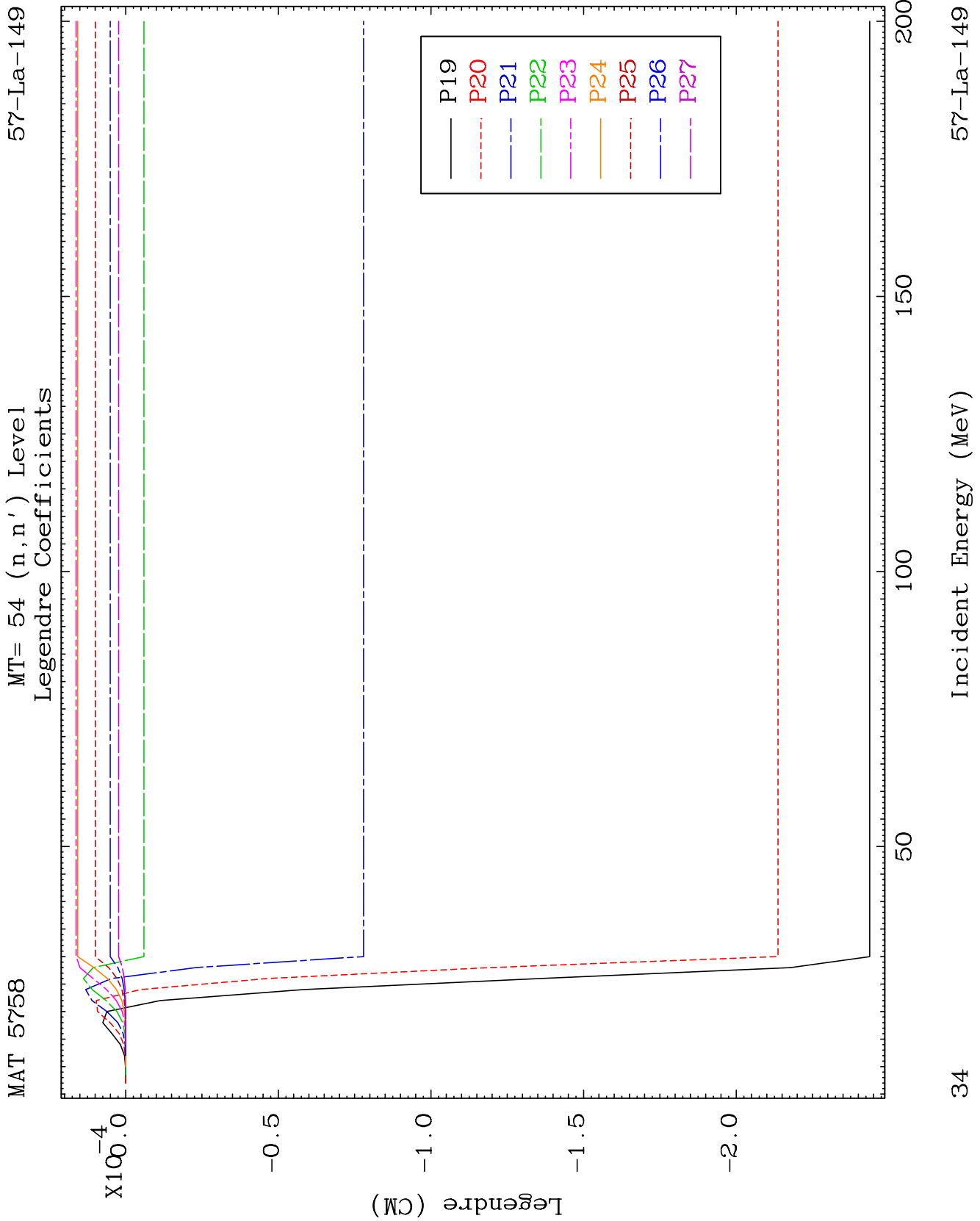
57-La-149



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Incident Energy (MeV)

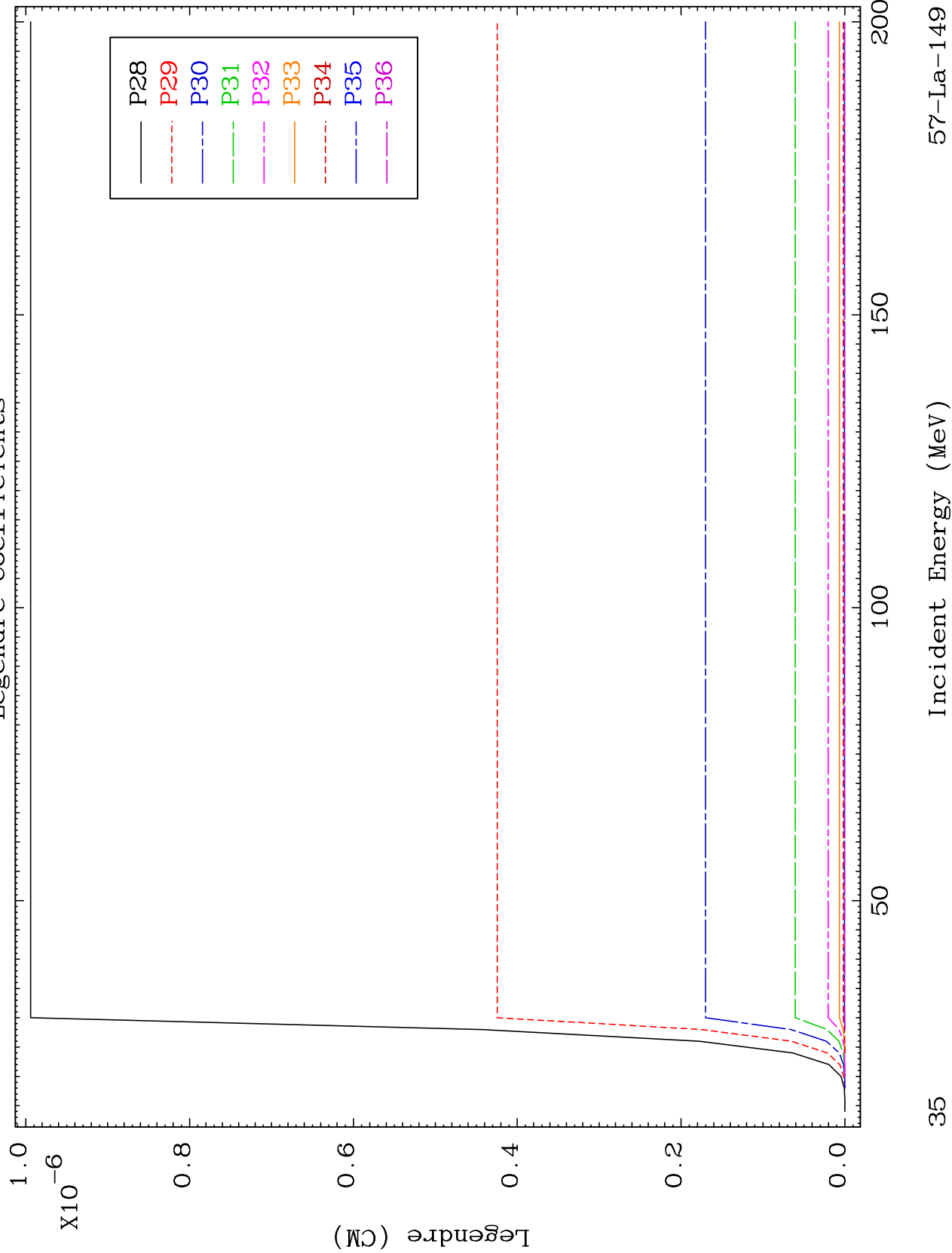
57-La-149



MAT 5758

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

57-La-149



57-La-149

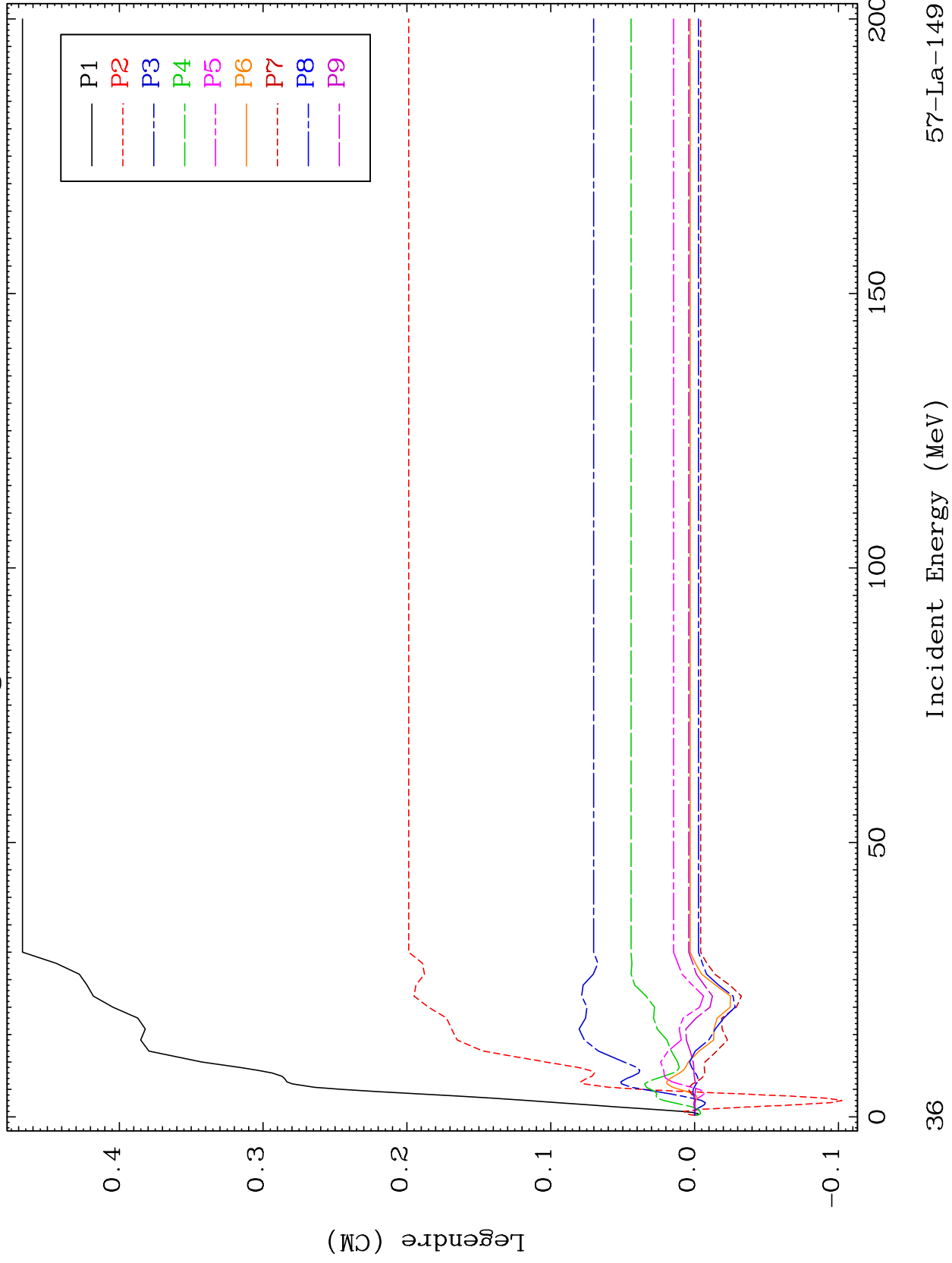
Incident Energy (MeV)

35

MAT 5758

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

57-La-149



57-La-149

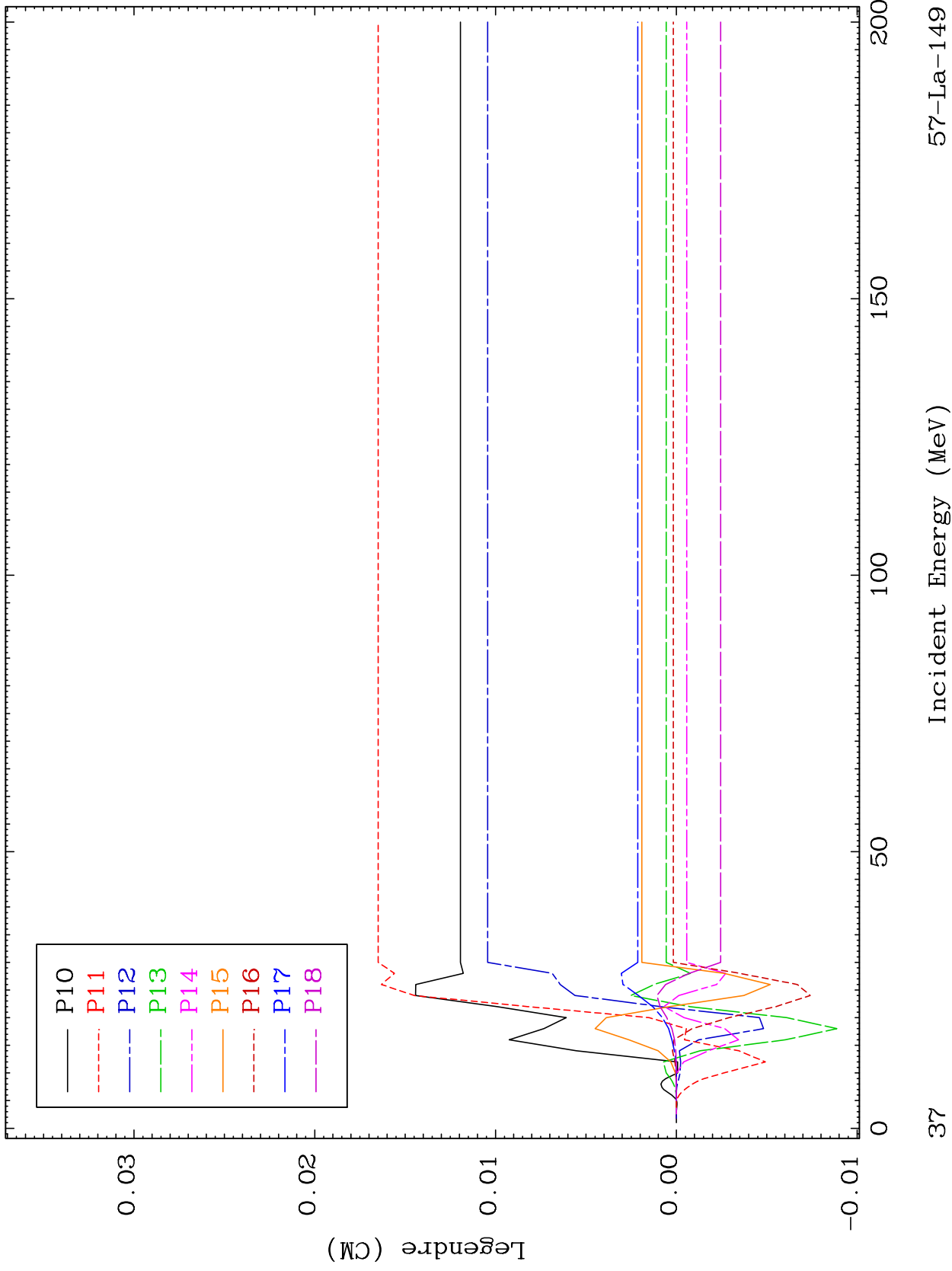
Incident Energy (MeV)

36

MAT 5758

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

57-La-149



37

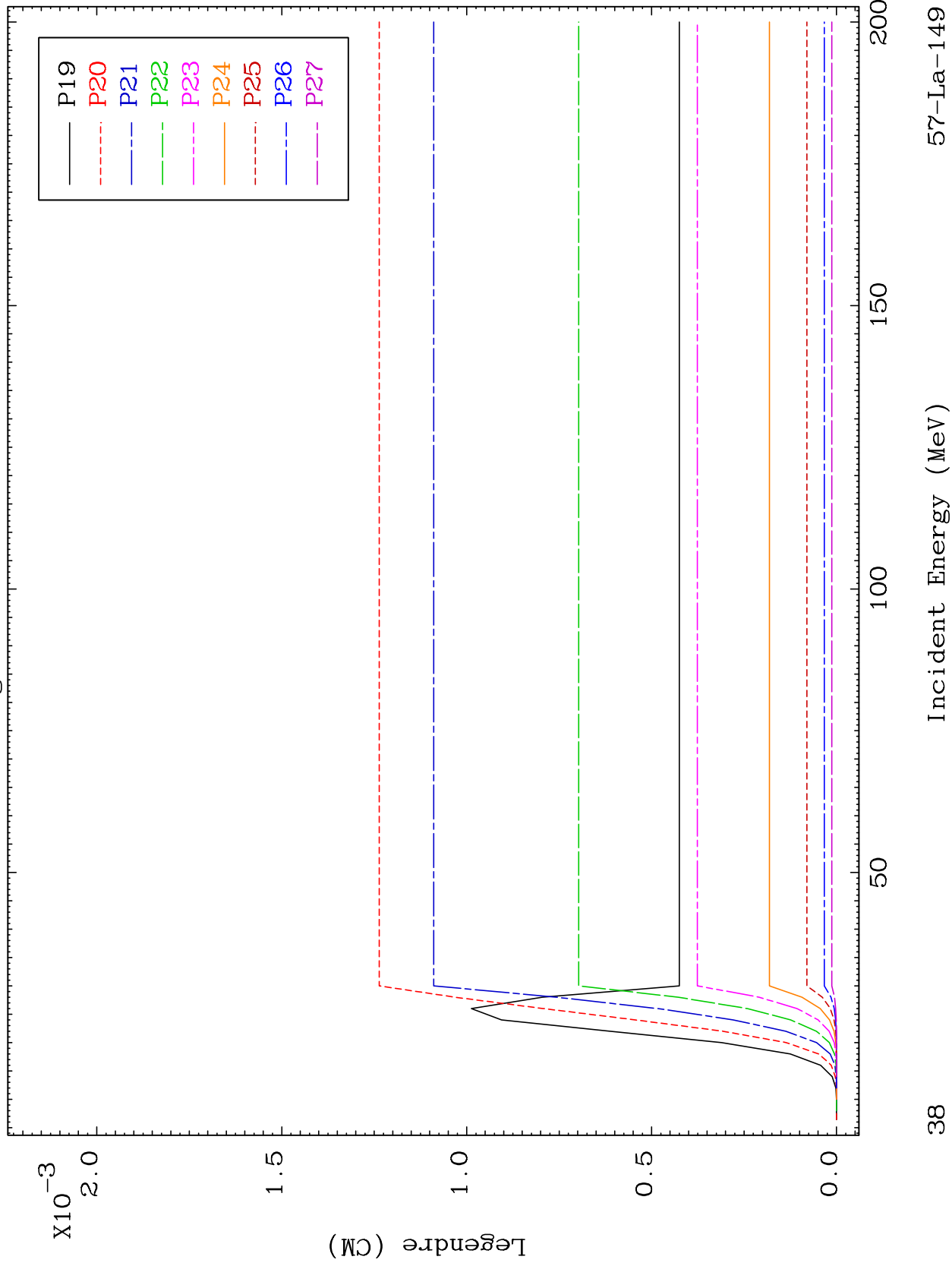
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



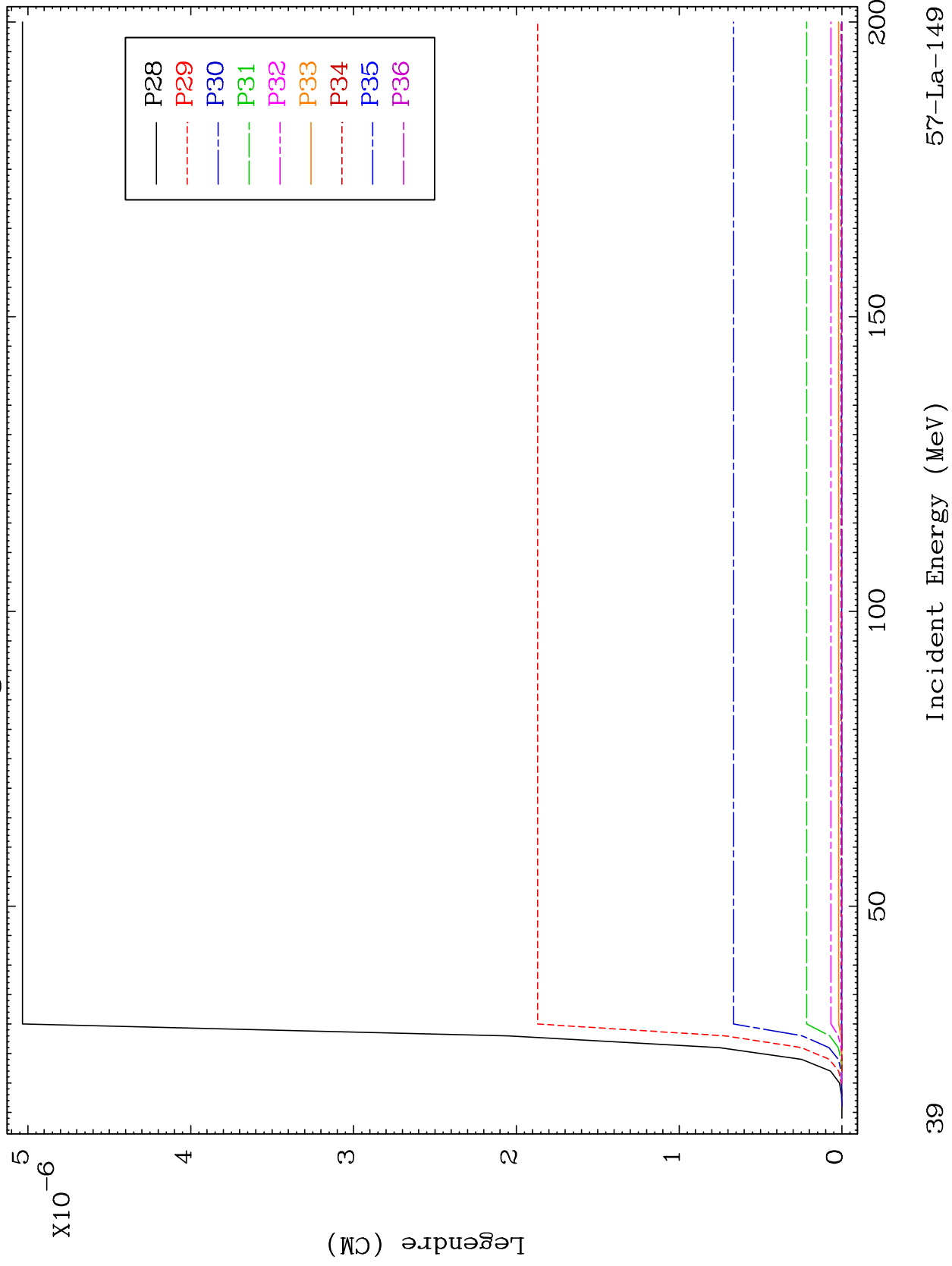
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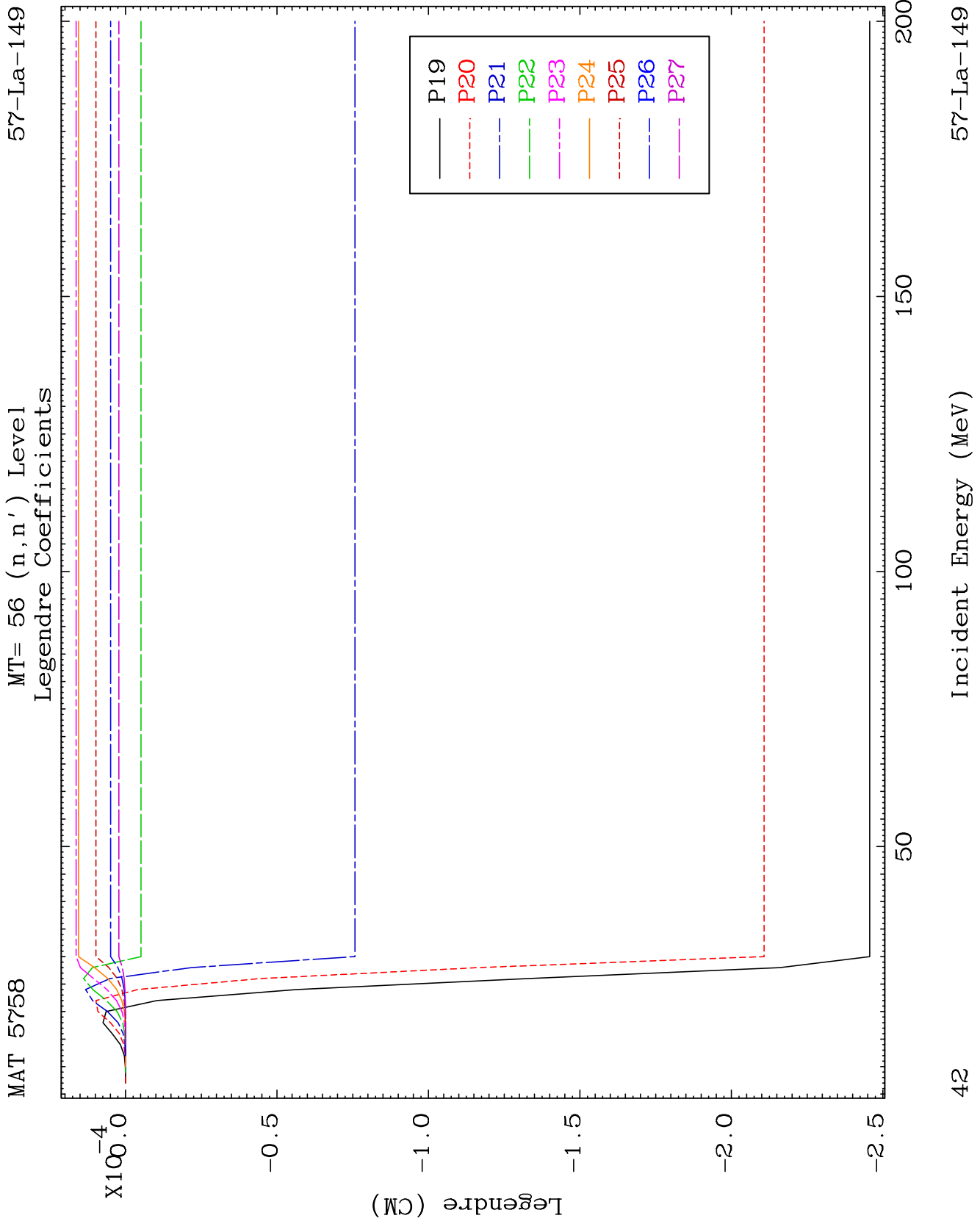
57-La-149

MAT 5758

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

57-La-149

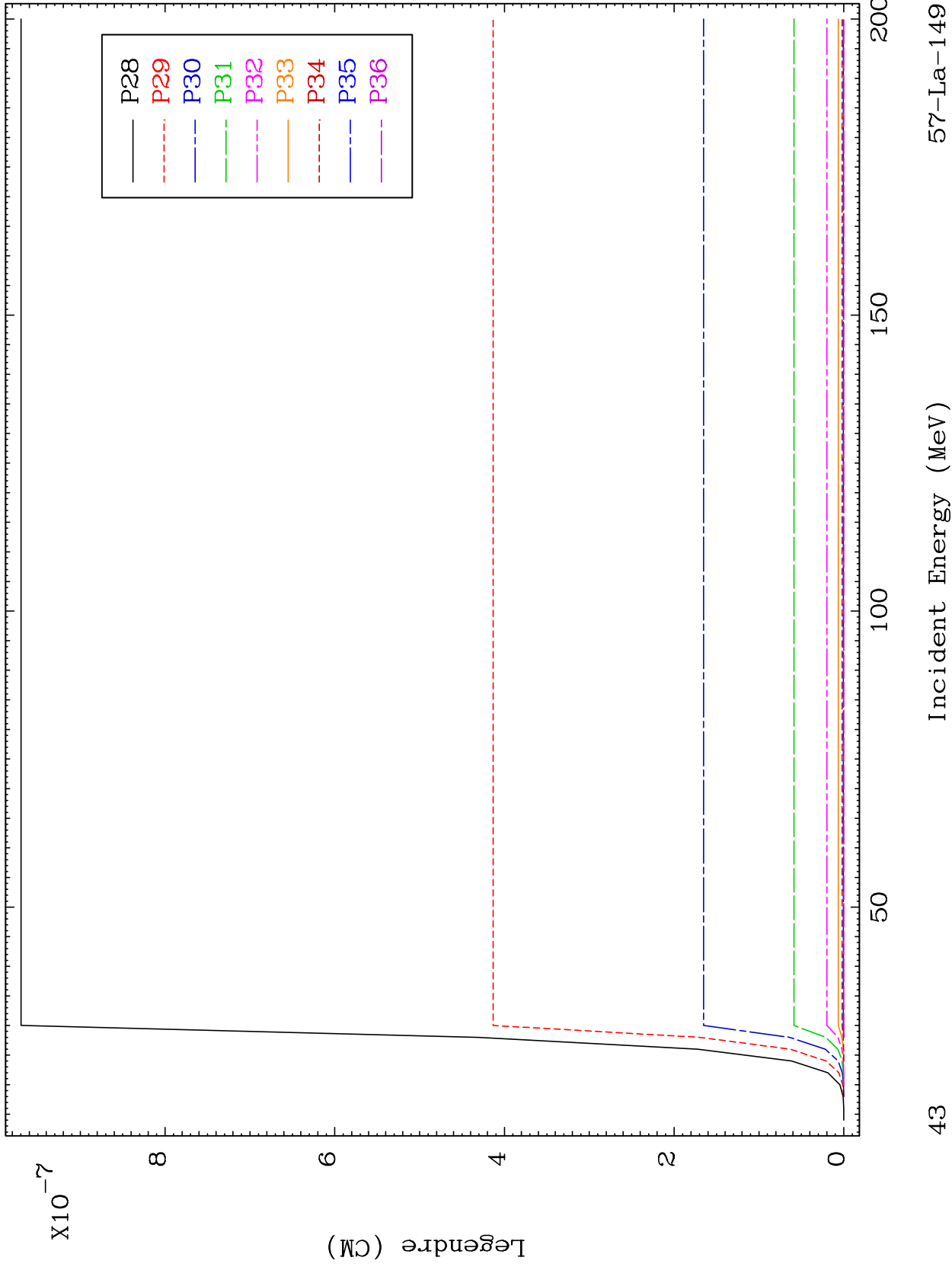




MAT 5758

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

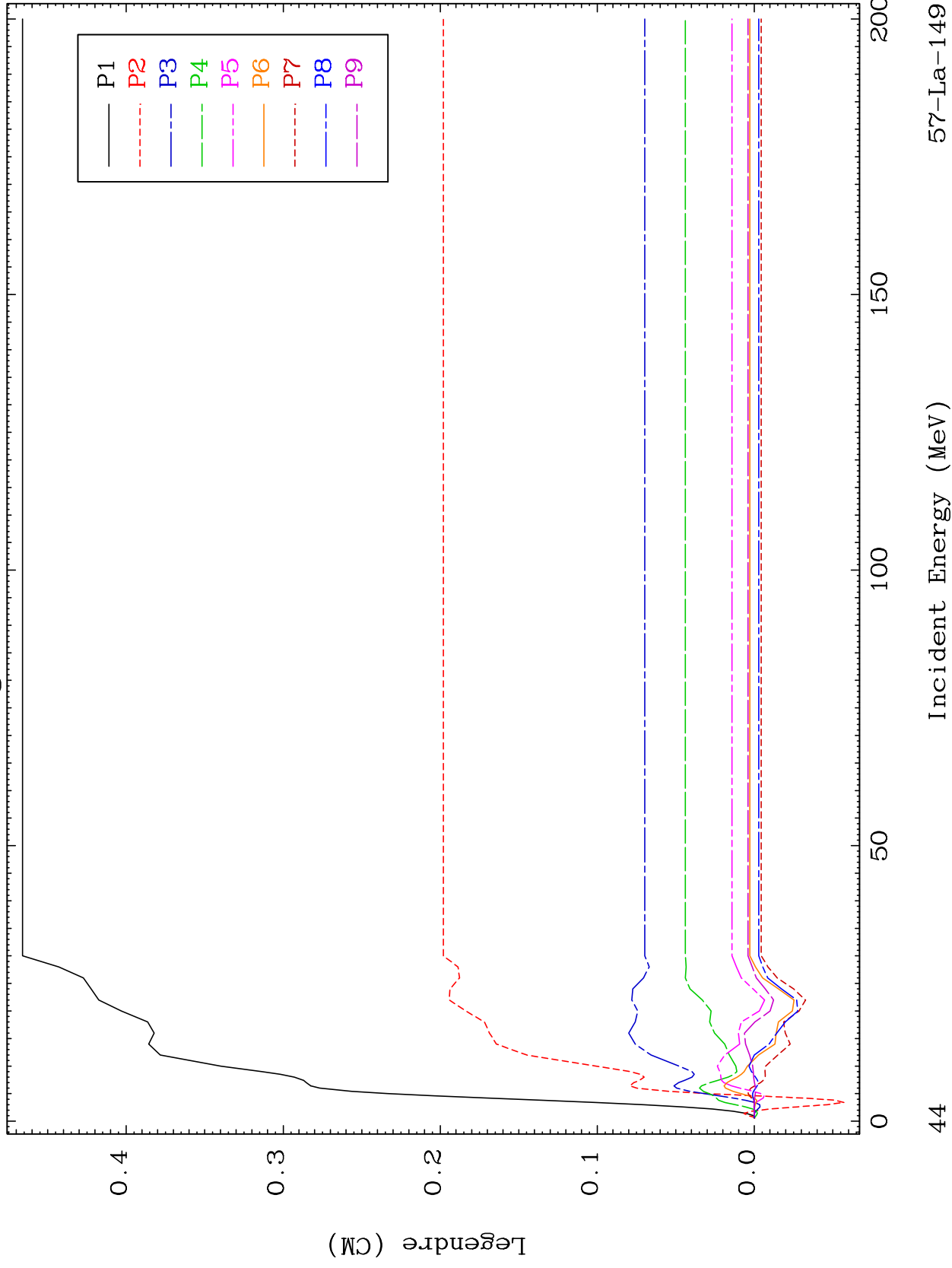
57-La-149



MAT 5758

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

57-La-149



57-La-149

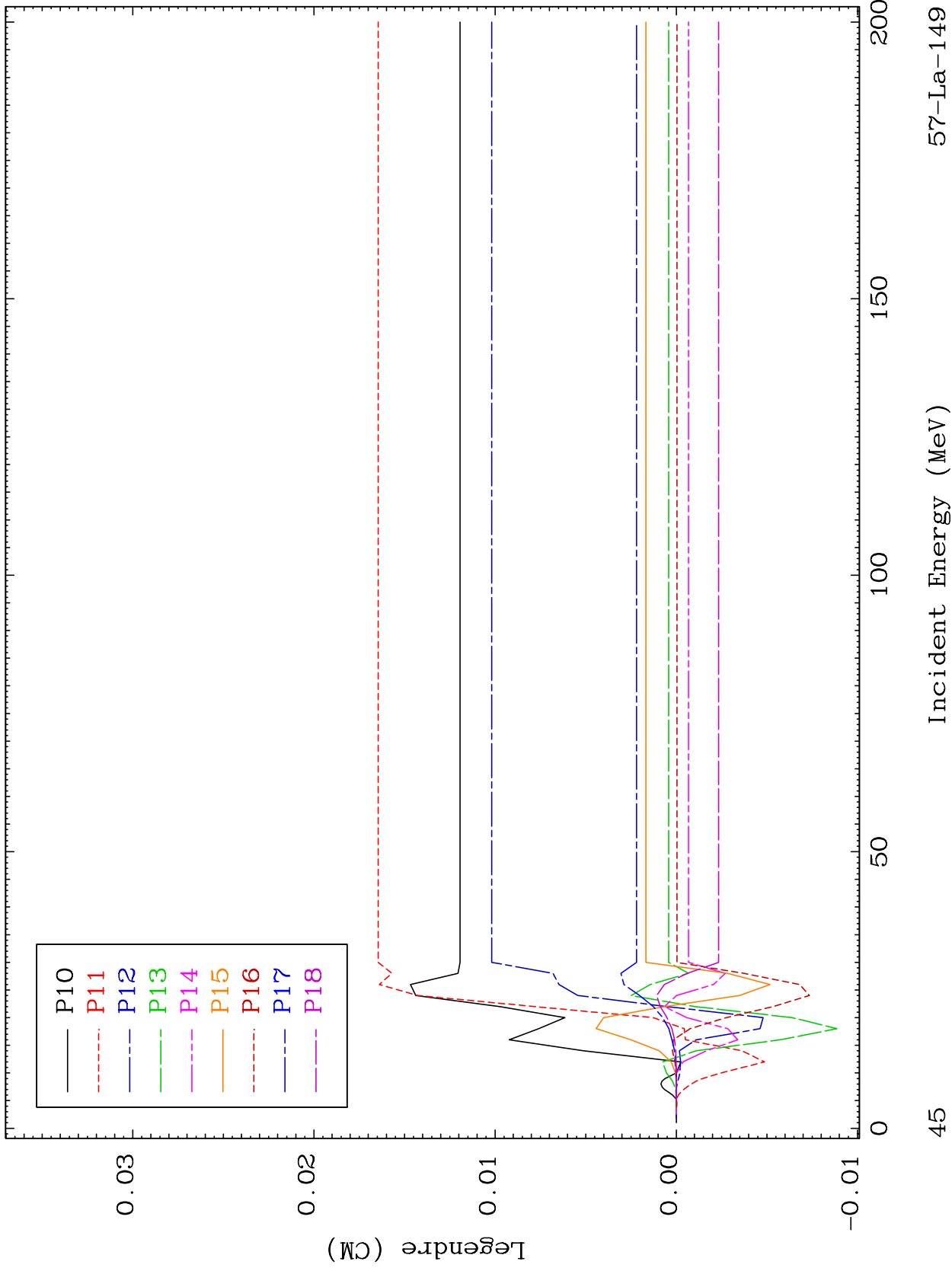
Incident Energy (MeV)

44

MAT 5758

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

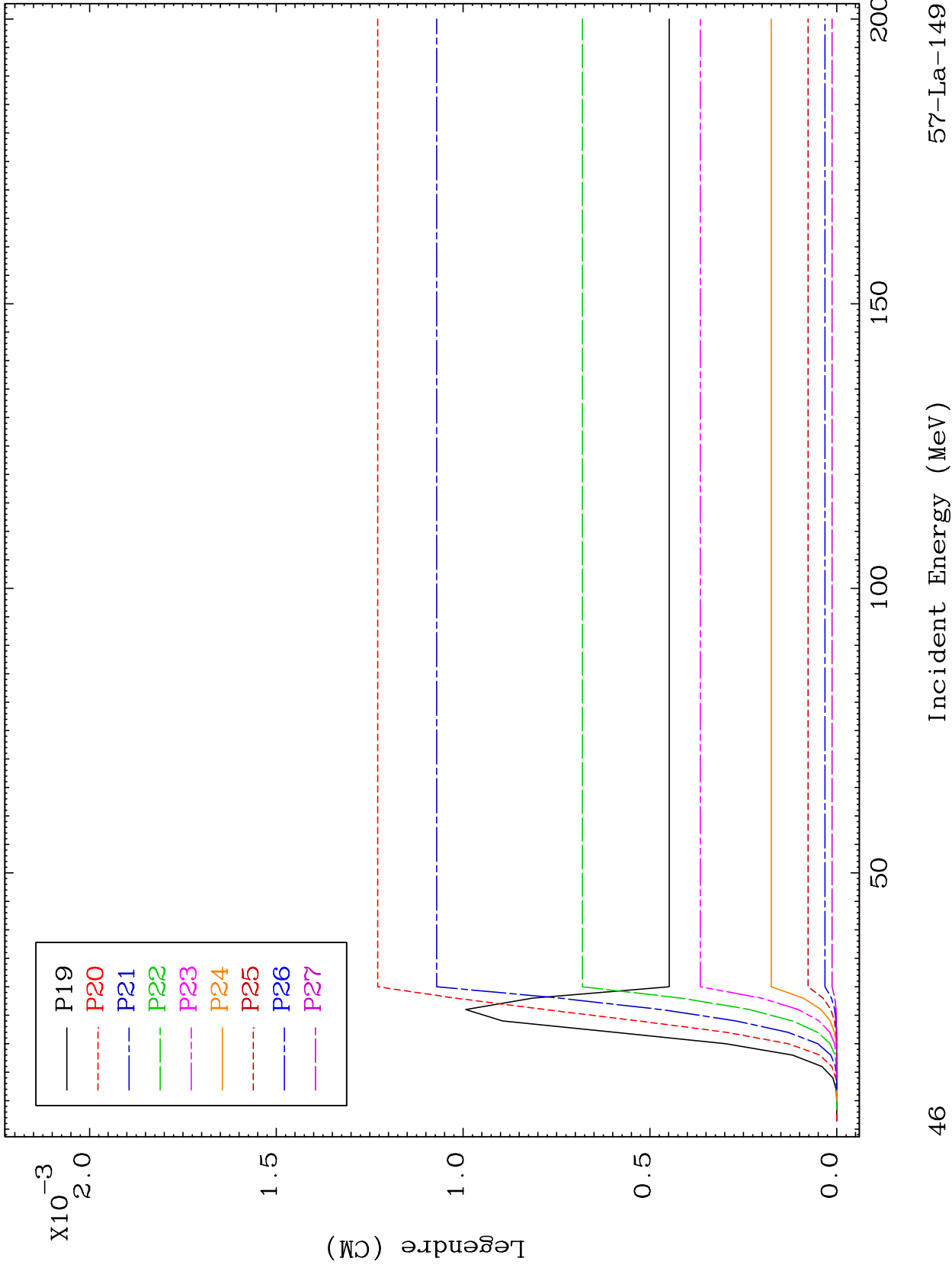
57-La-149



MAT 5758

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

57-La-149



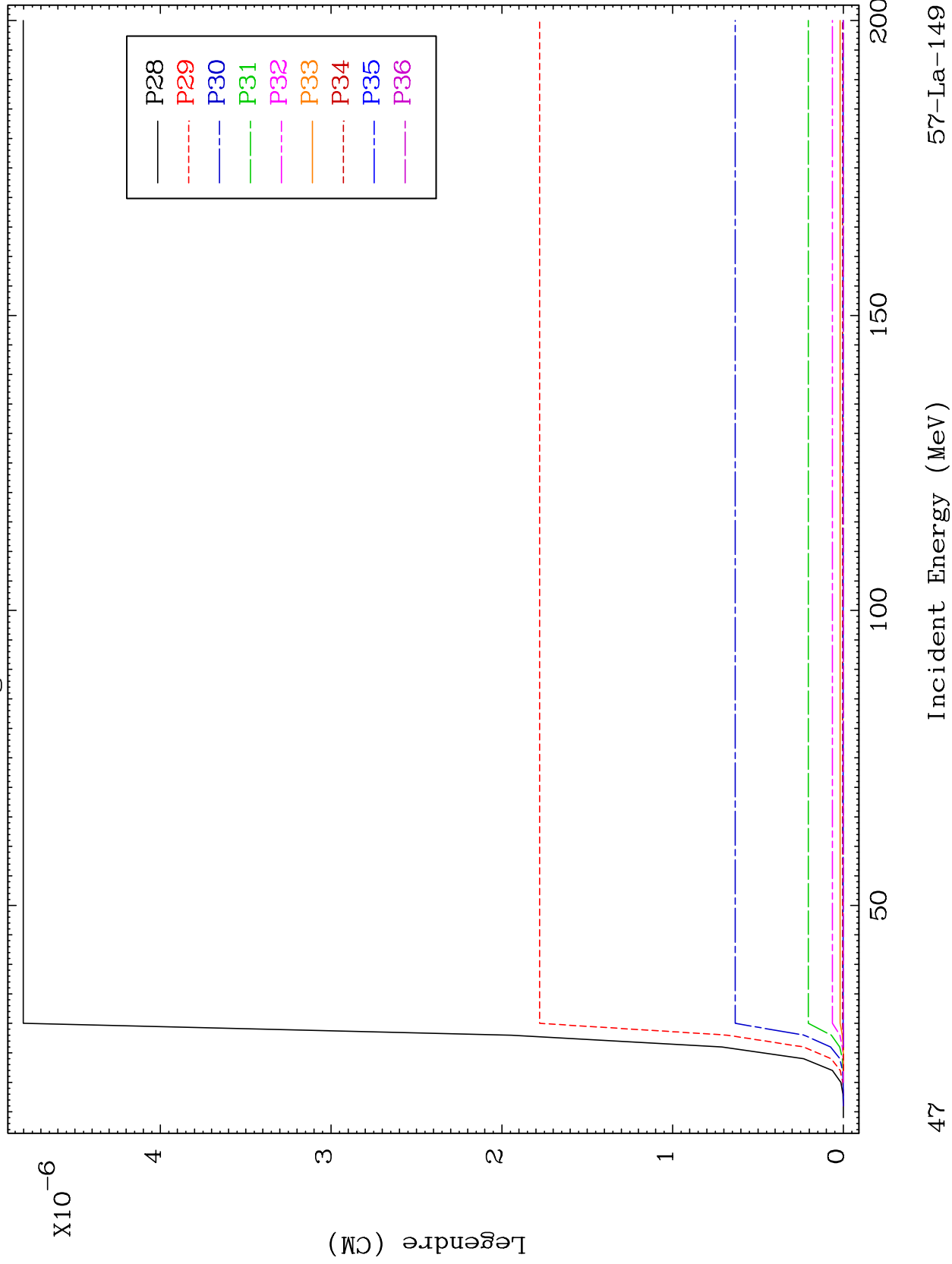
46

57-La-149

MAT 5758

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

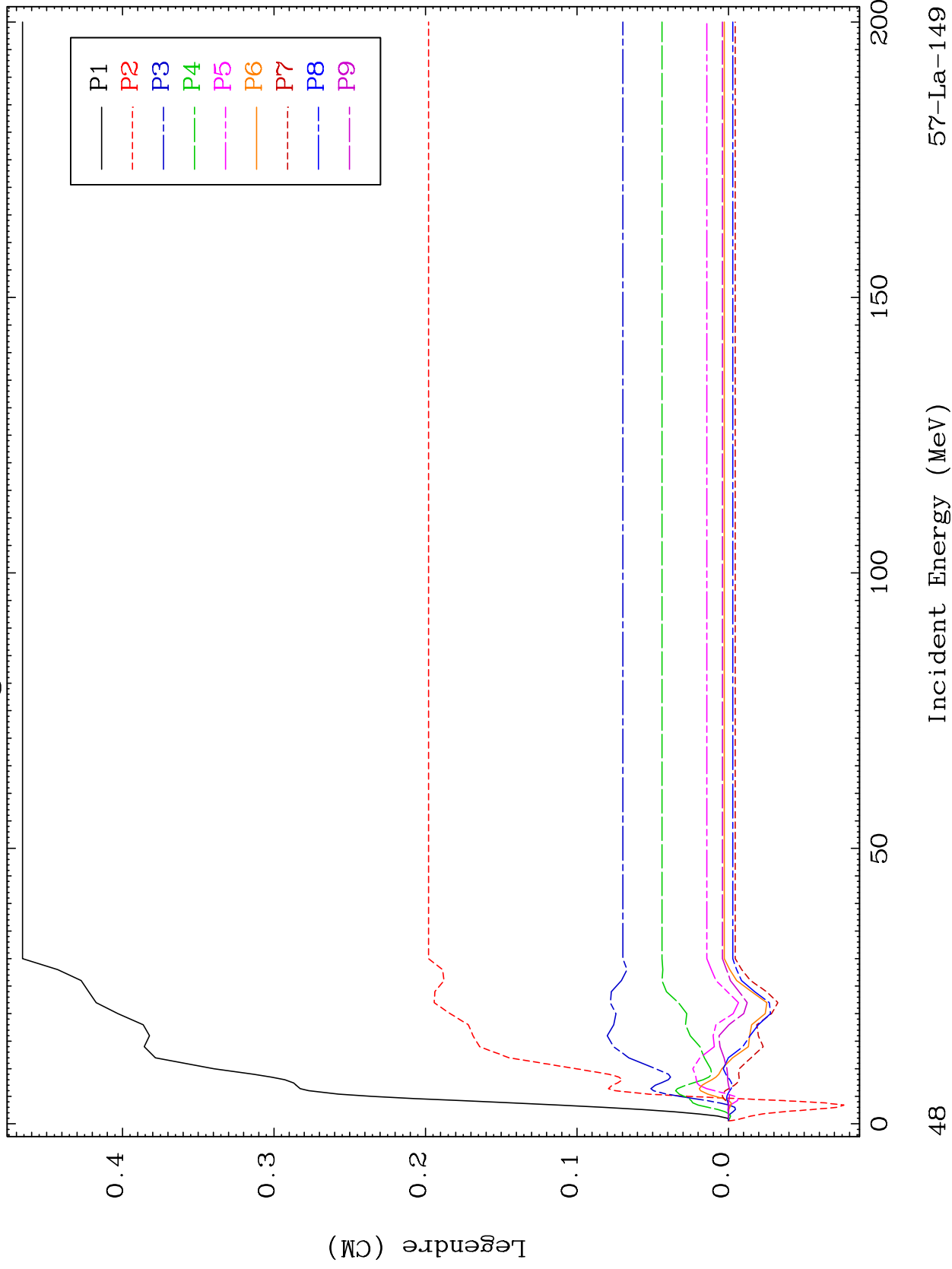
57-La-149



MAT 5758

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

57-La-149



57-La-149

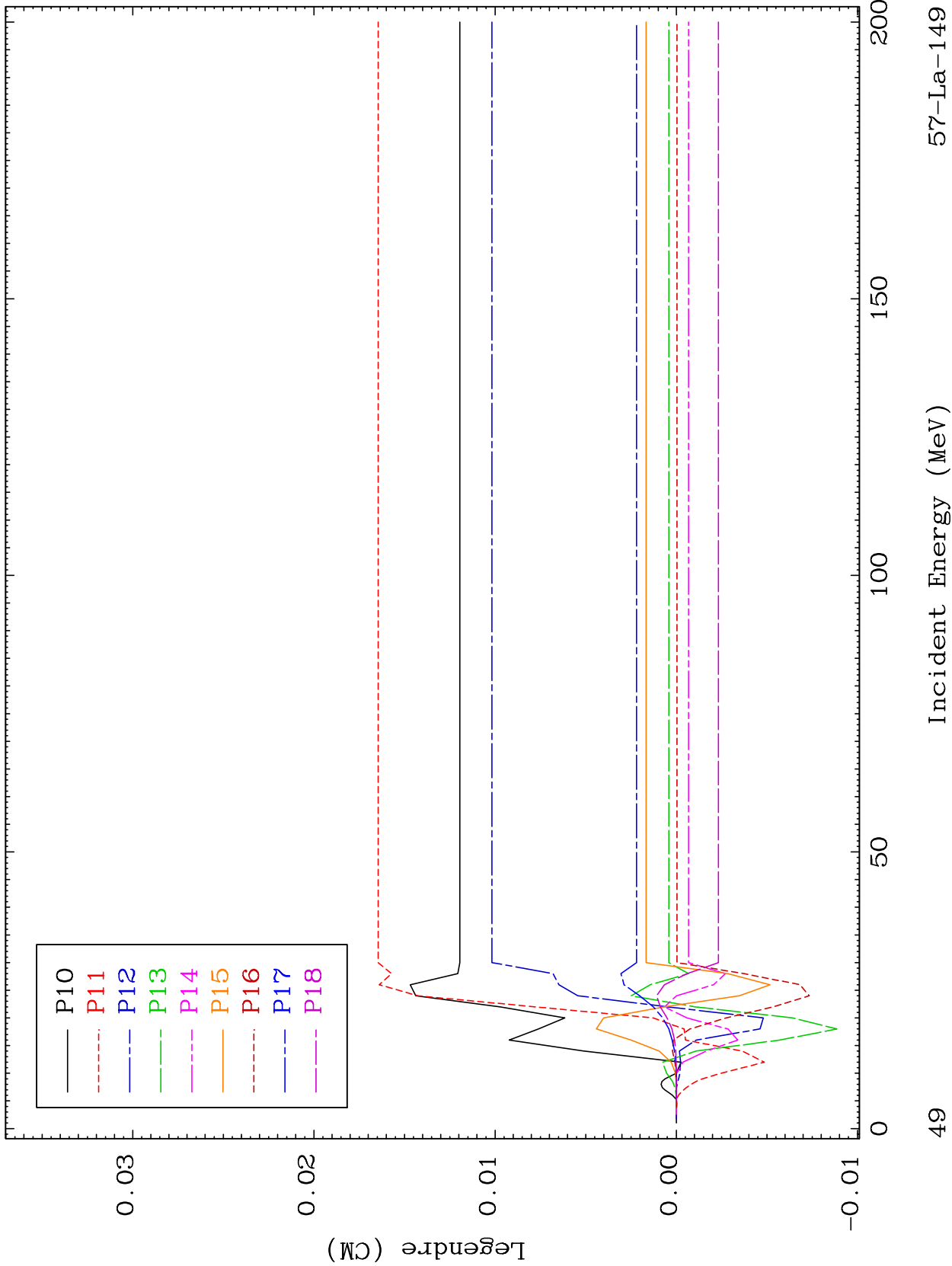
Incident Energy (MeV)

48

MAT 5758

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

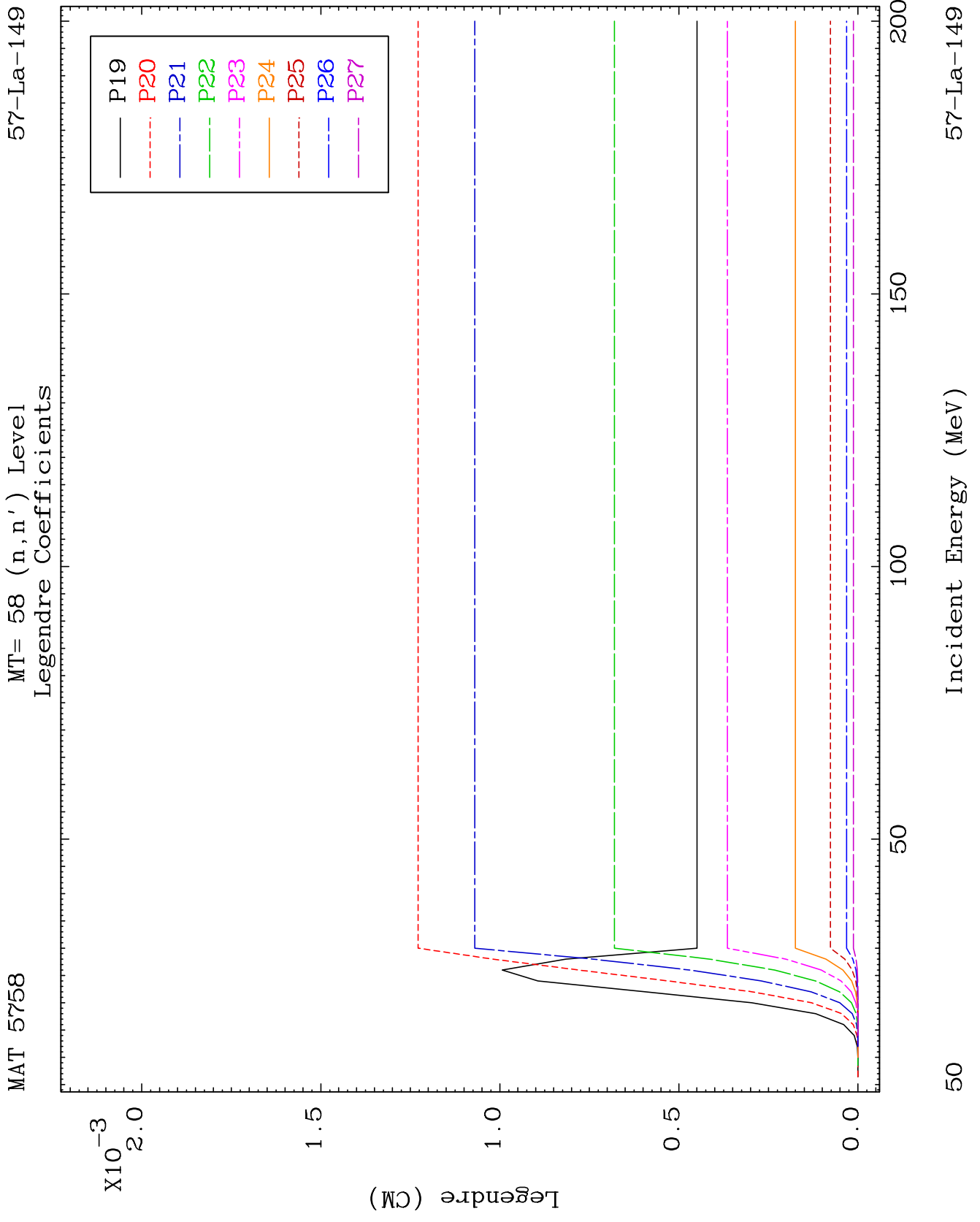
57-La-149



49

Incident Energy (MeV)

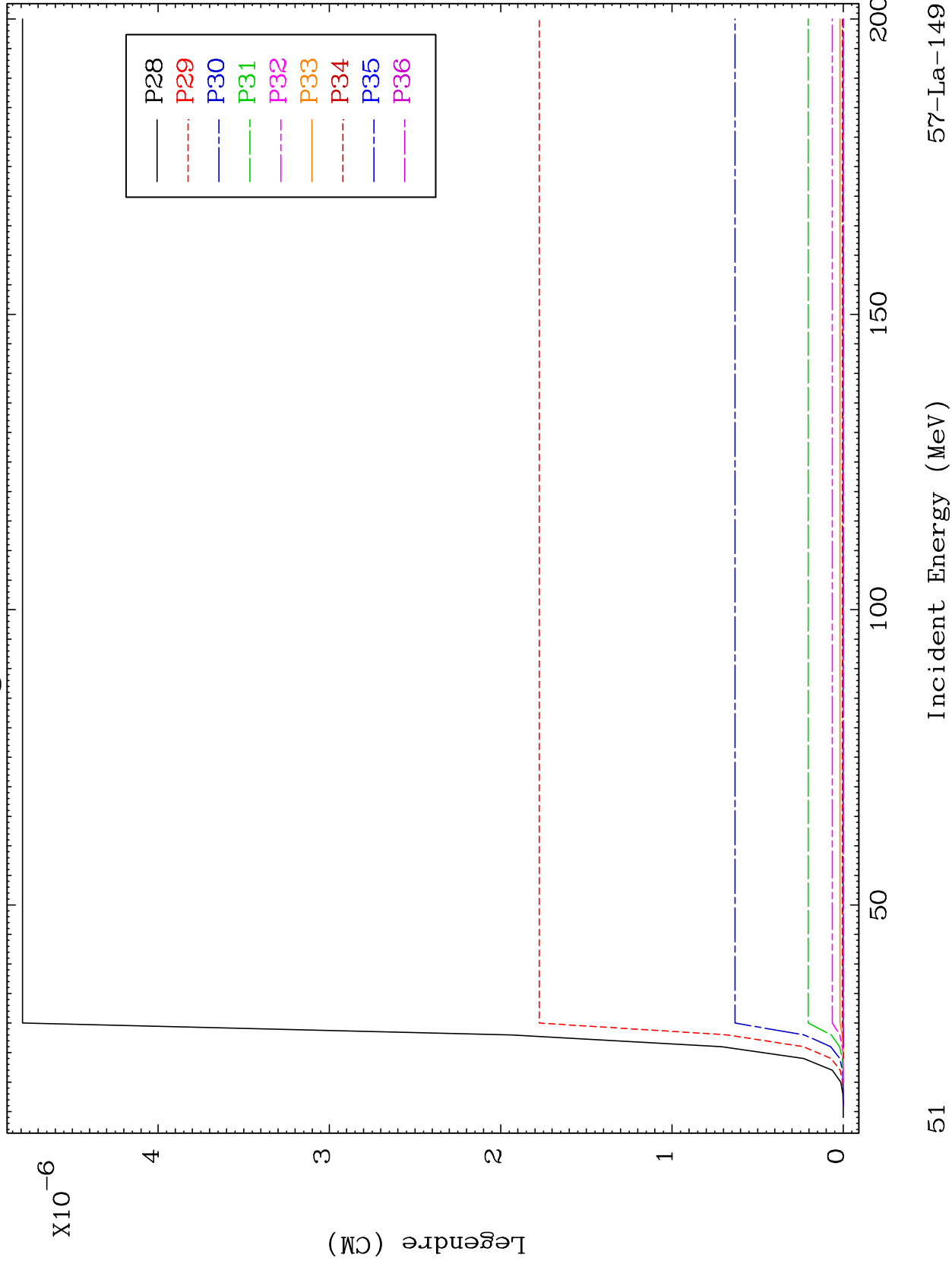
57-La-149



MAT 5758

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

57-La-149



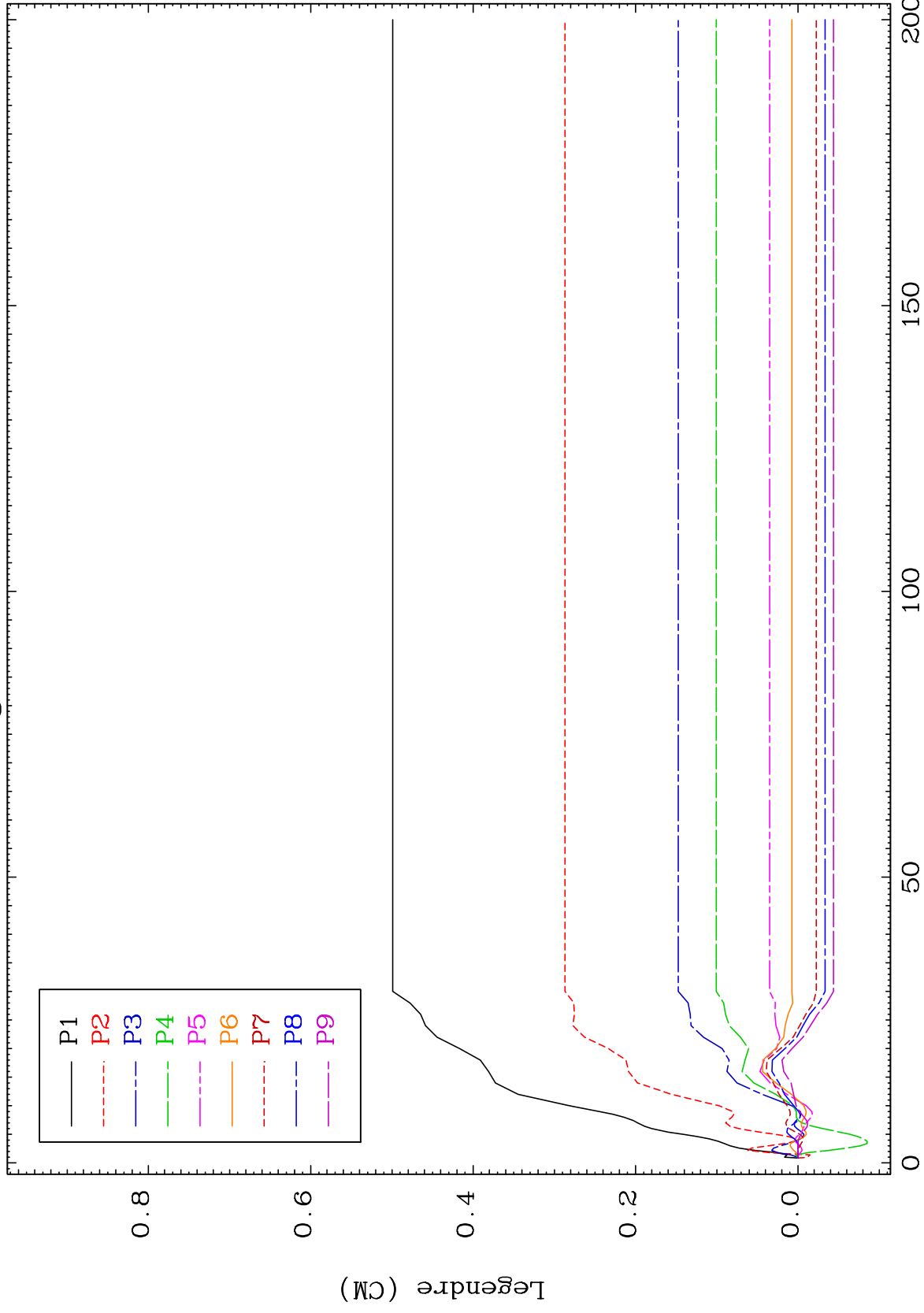
51

57-La-149

MAT 5758

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

57-La-149



52

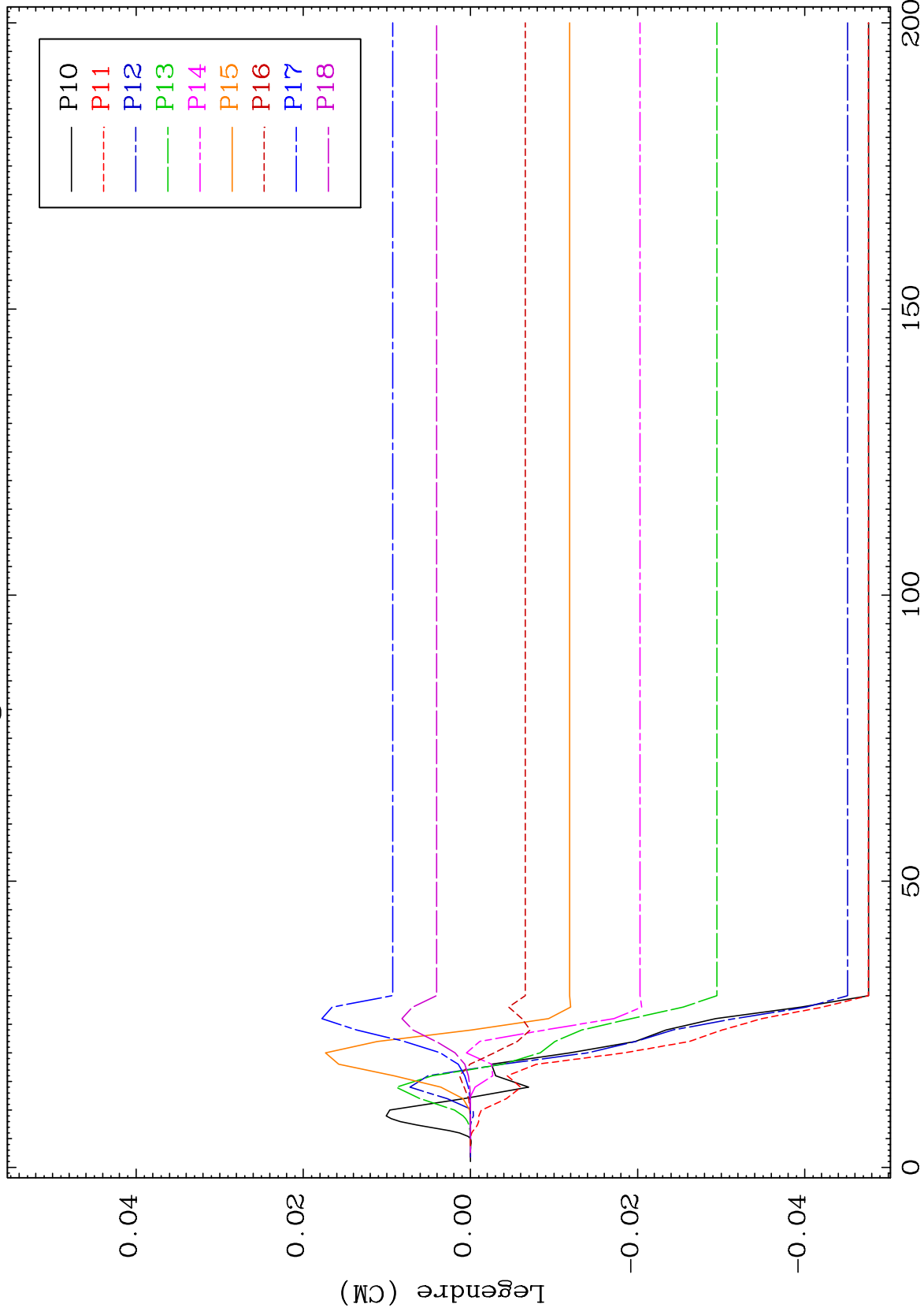
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



53

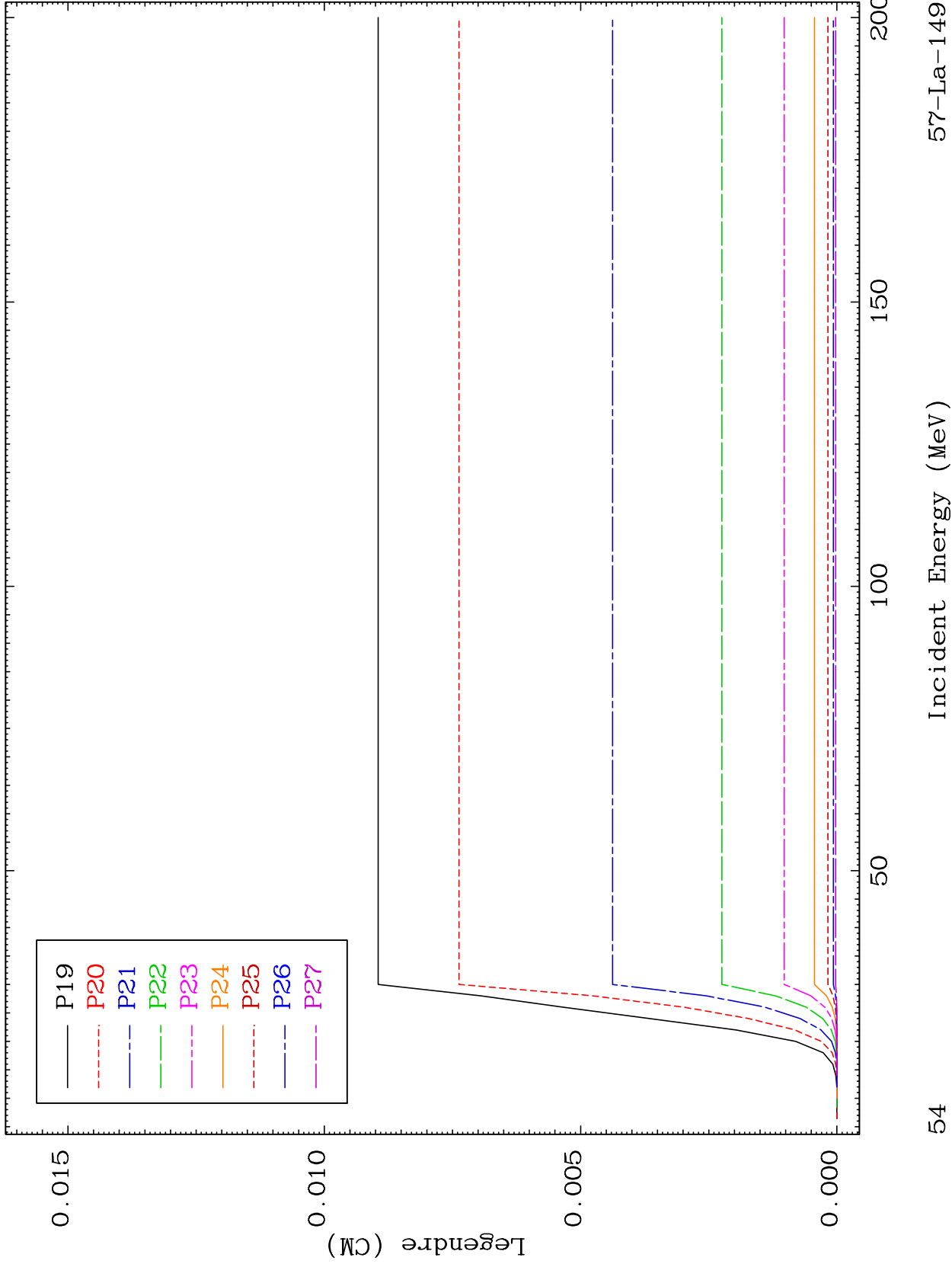
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



54

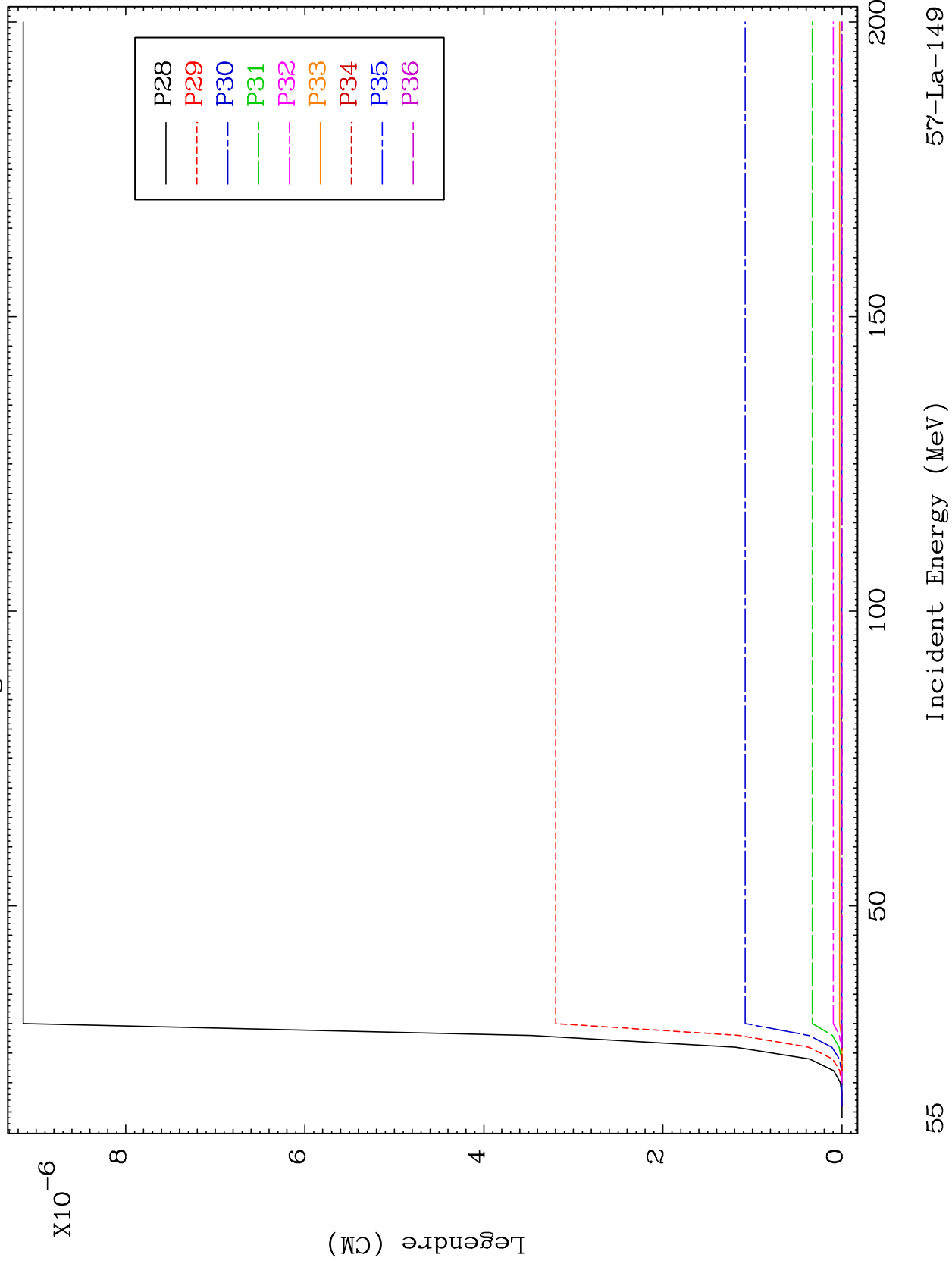
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



55

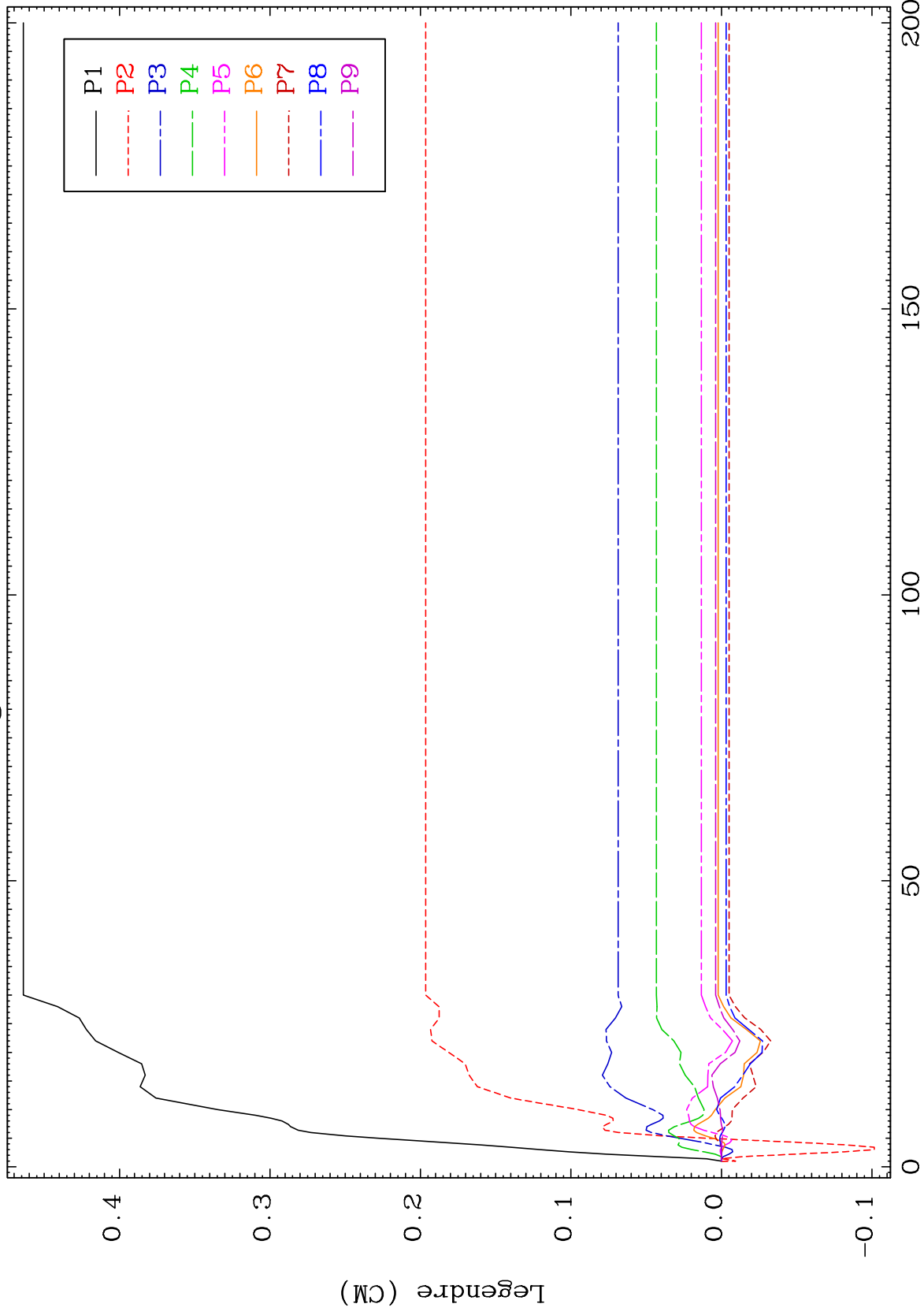
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



56

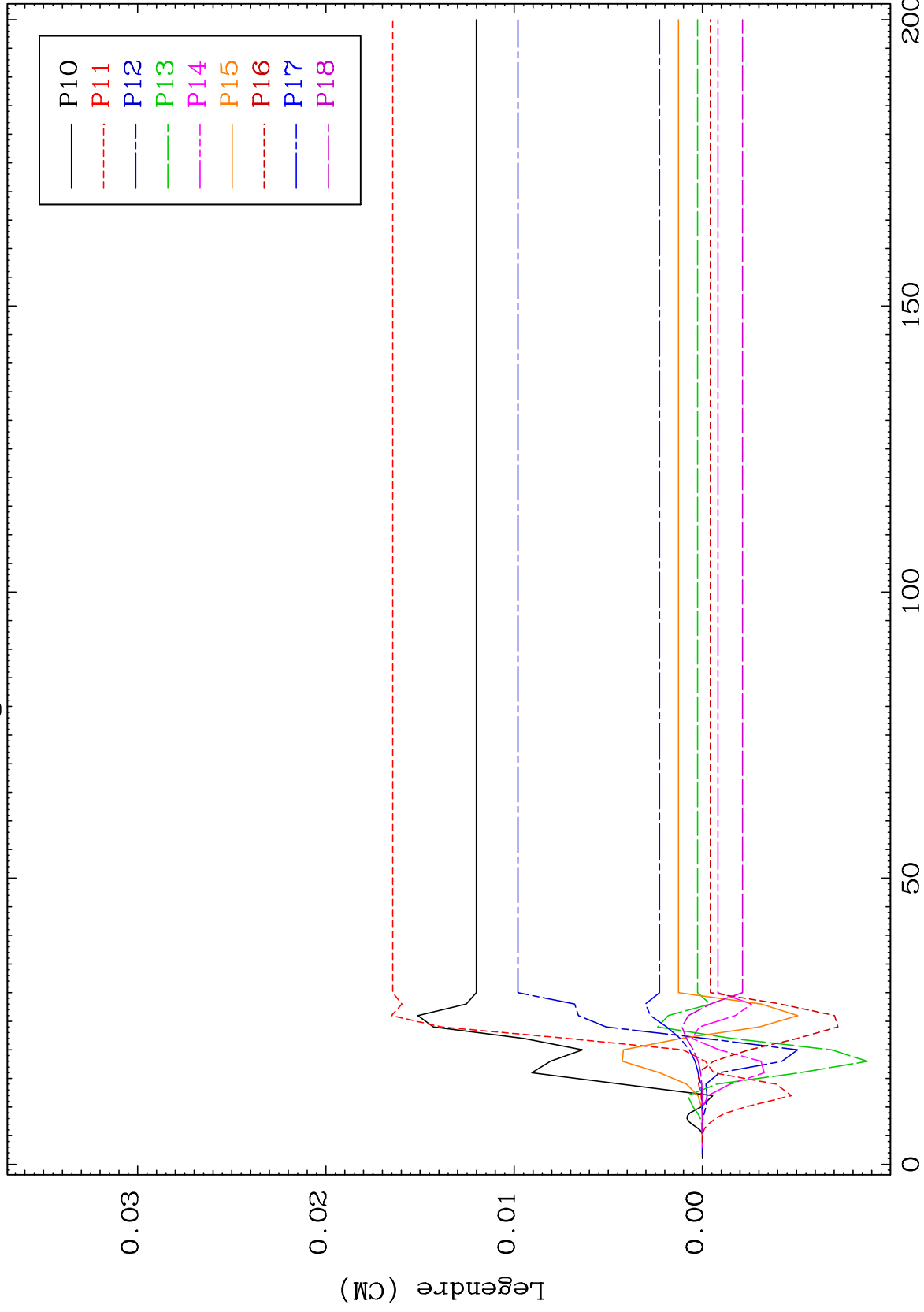
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57

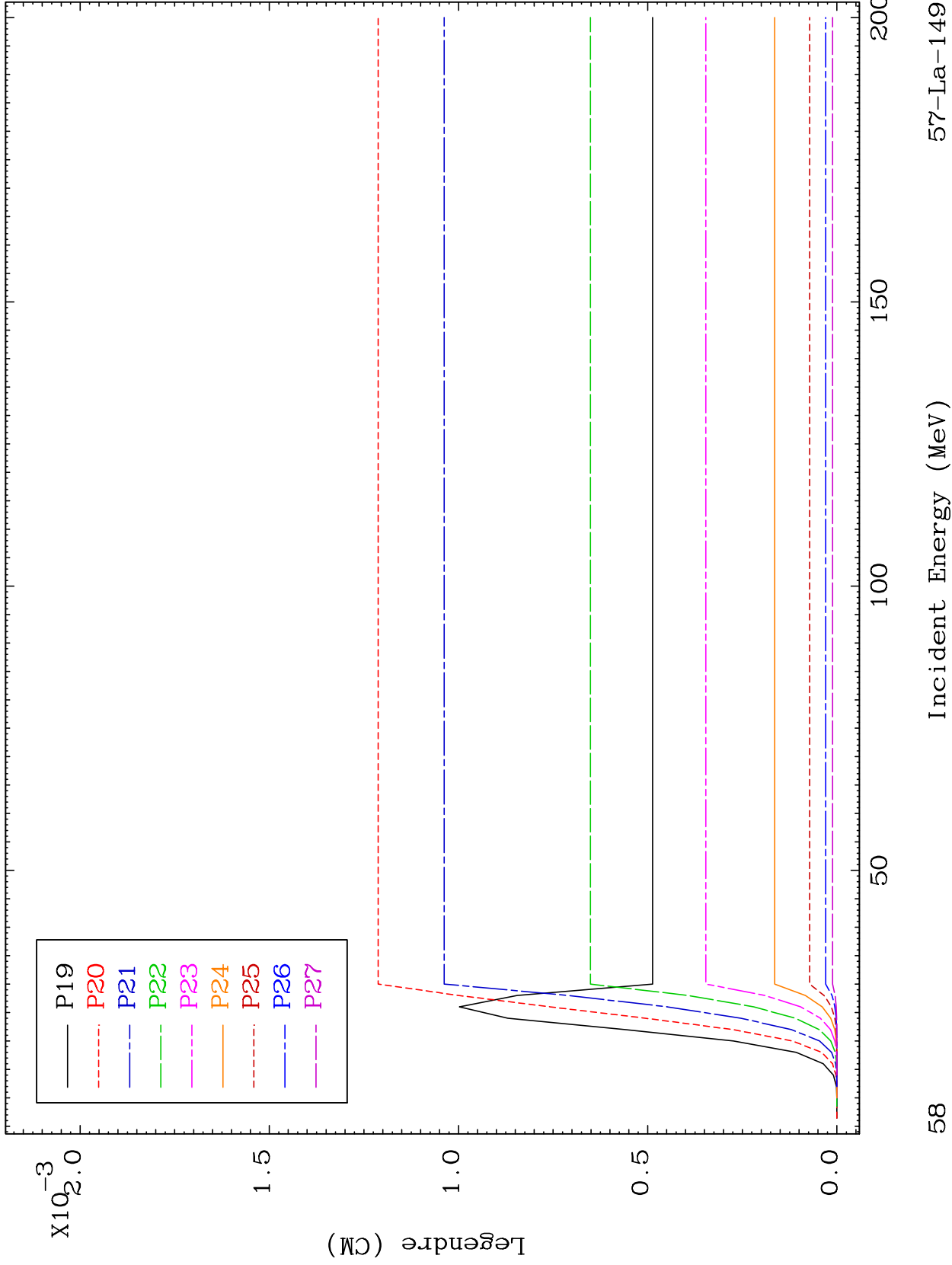
Incident Energy (MeV)

57-La-149

MAT 5758

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

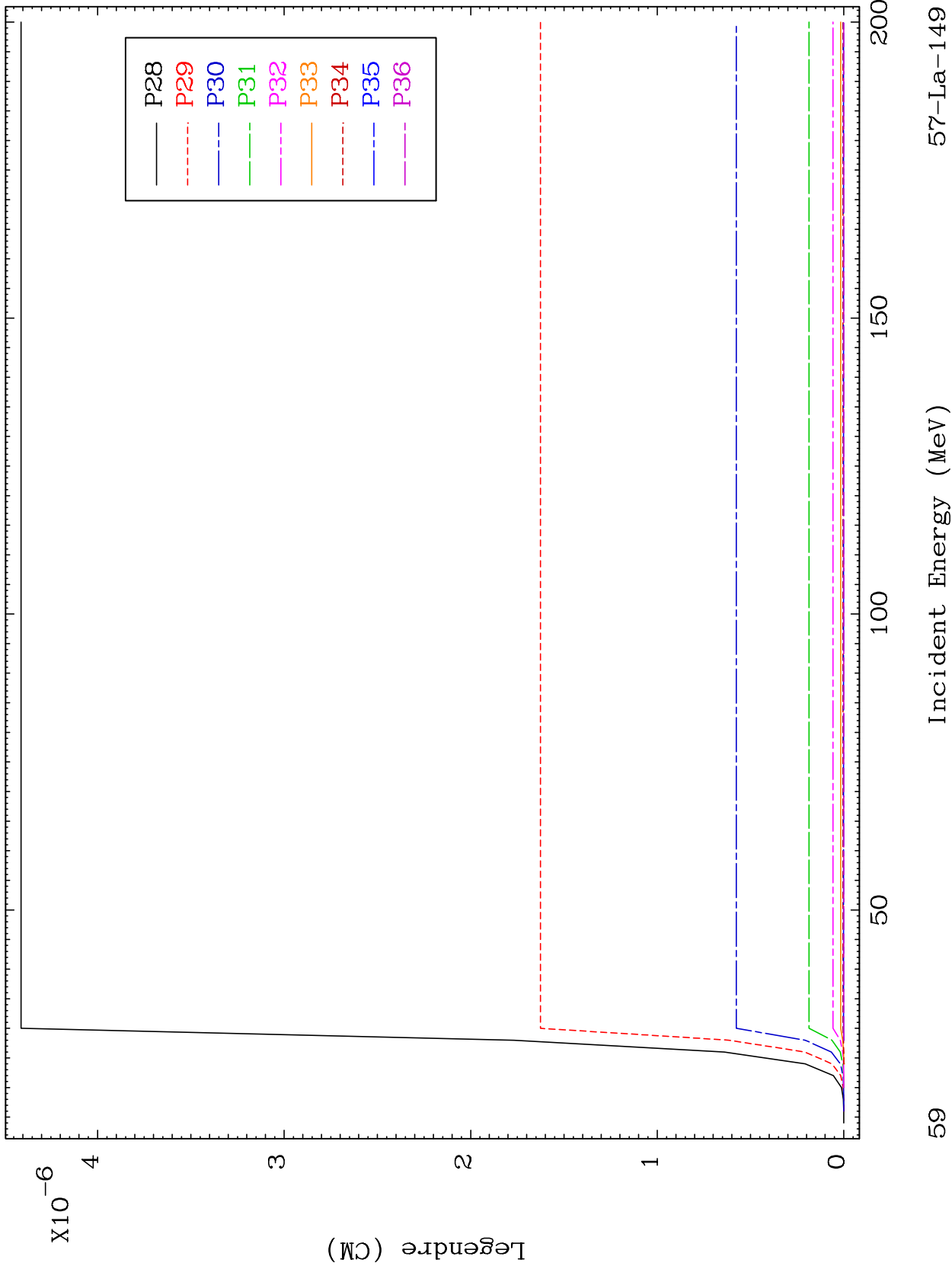
57-La-149



MAT 5758

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

57-La-149



59

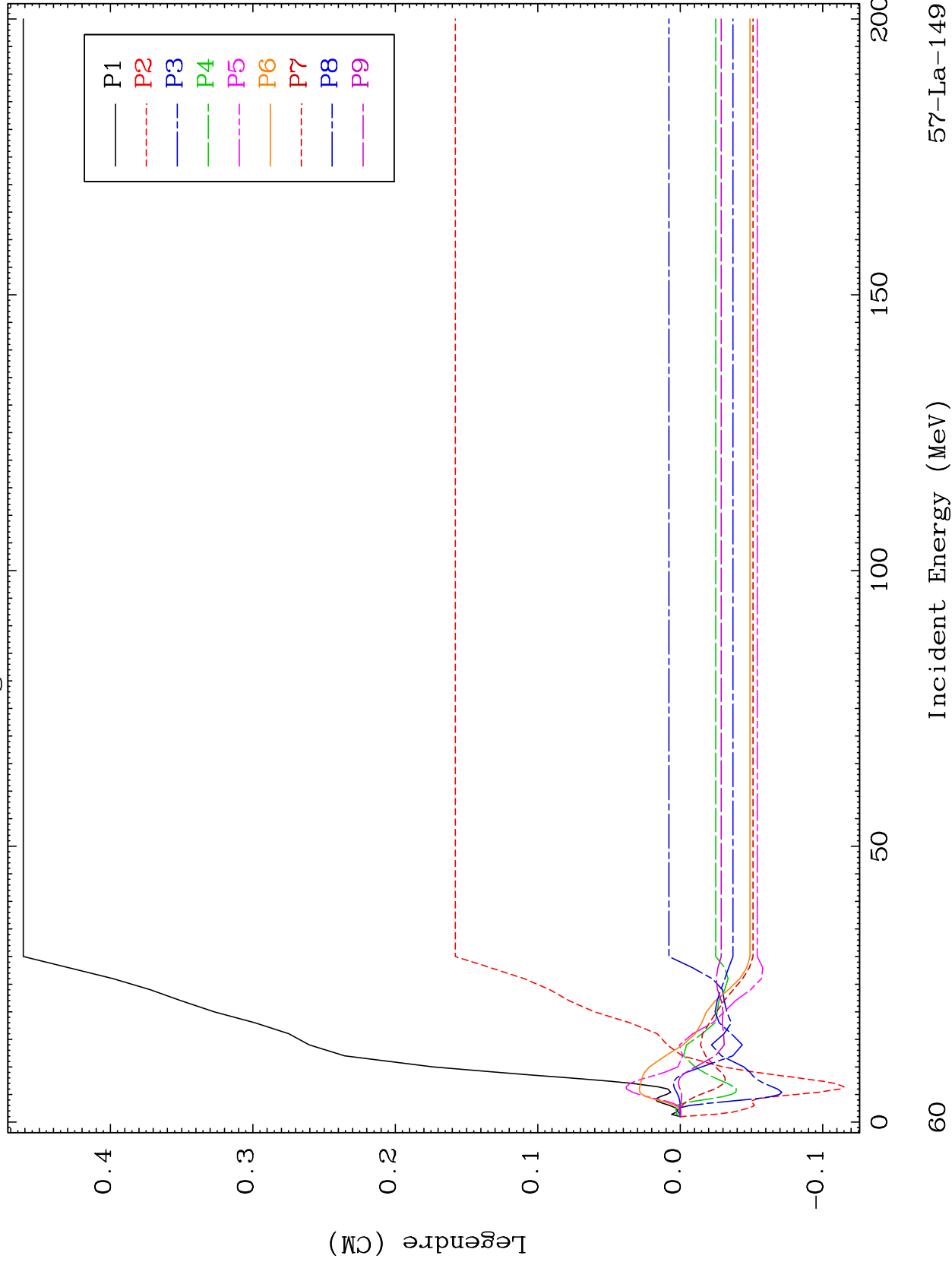
Incident Energy (MeV)

57-La-149

MAT 5758

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

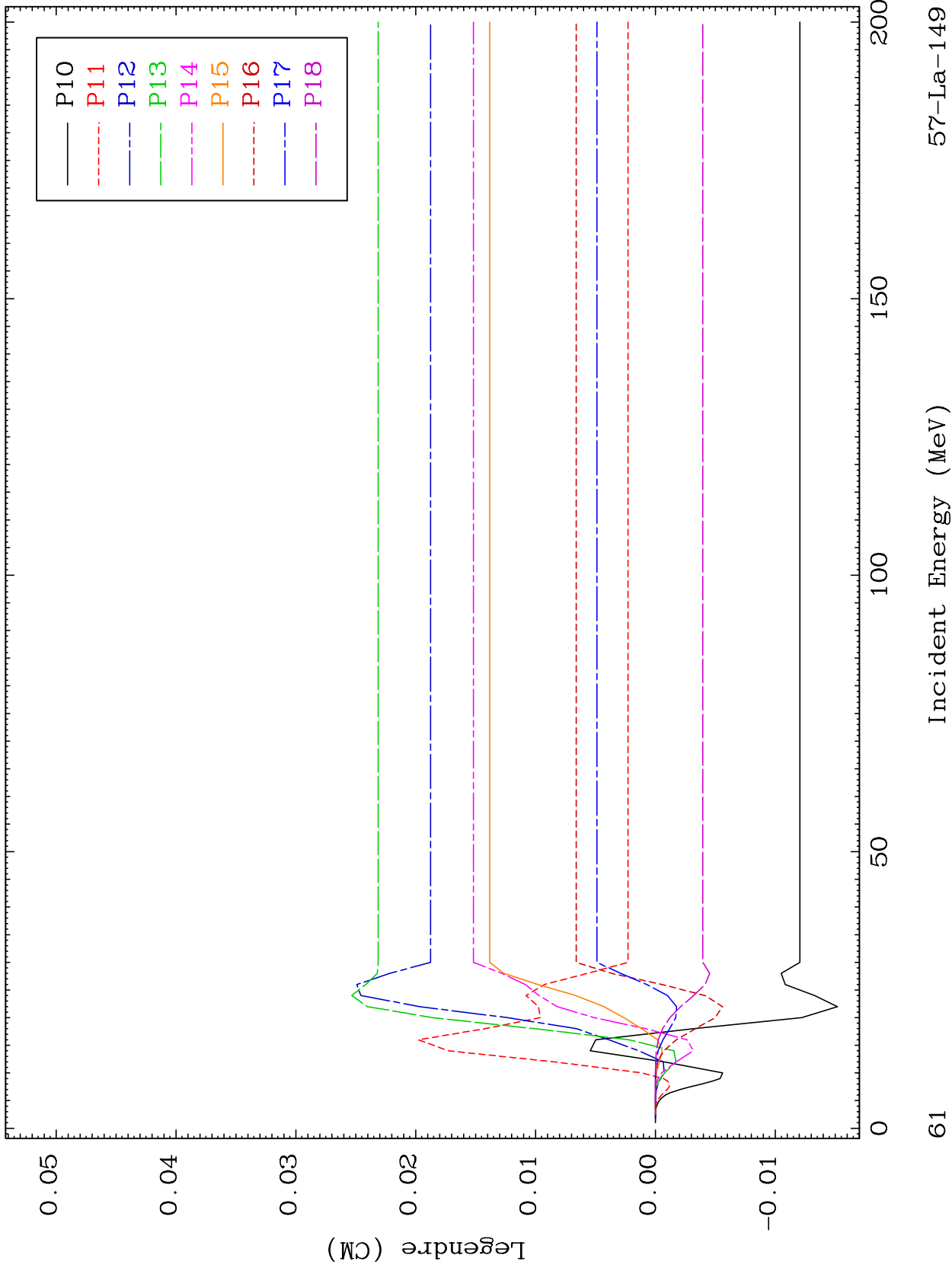
57-La-149



MAT 5758

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

57-La-149



57-La-149

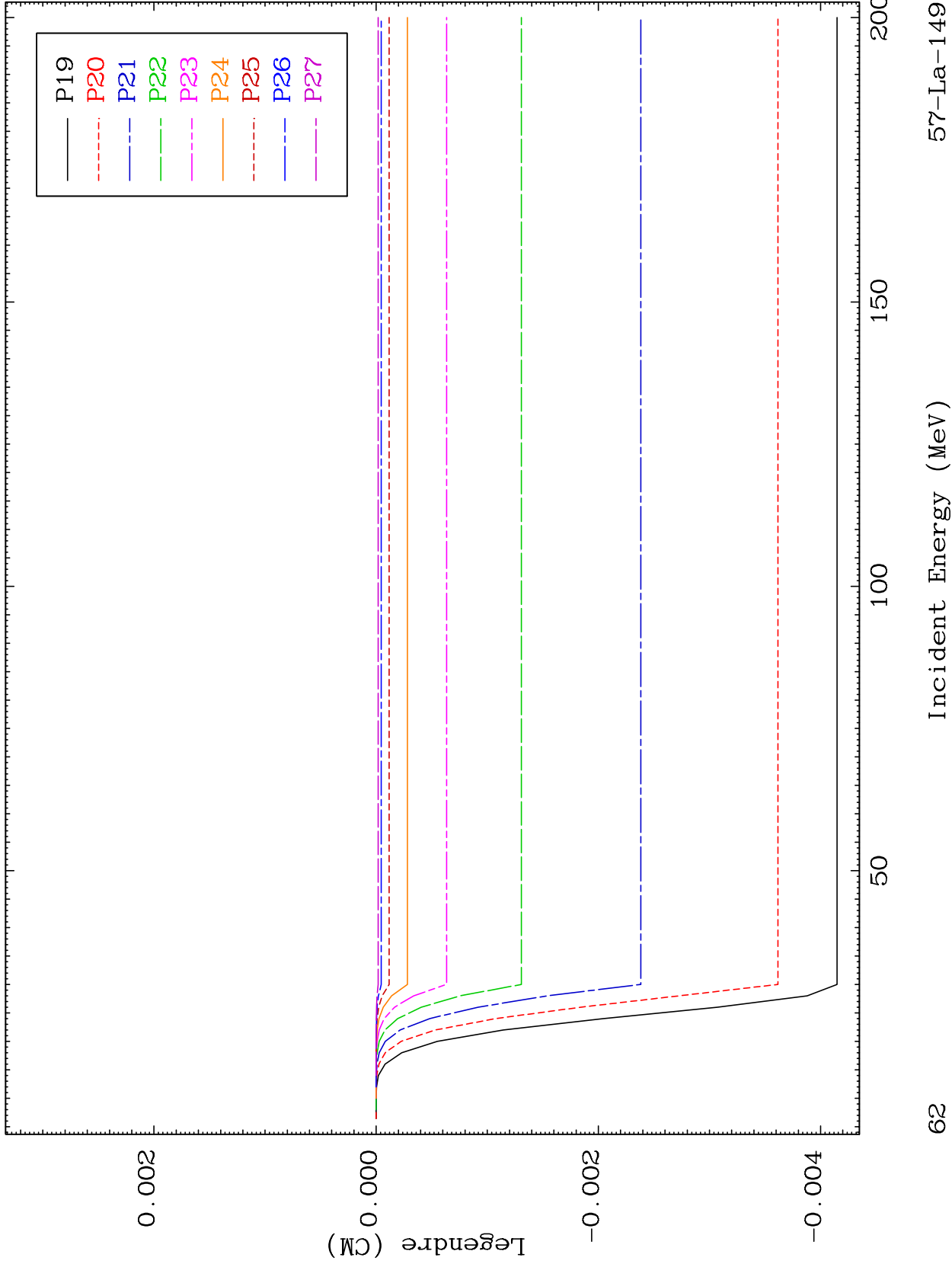
Incident Energy (MeV)

61

MAT 5758

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

57-La-149



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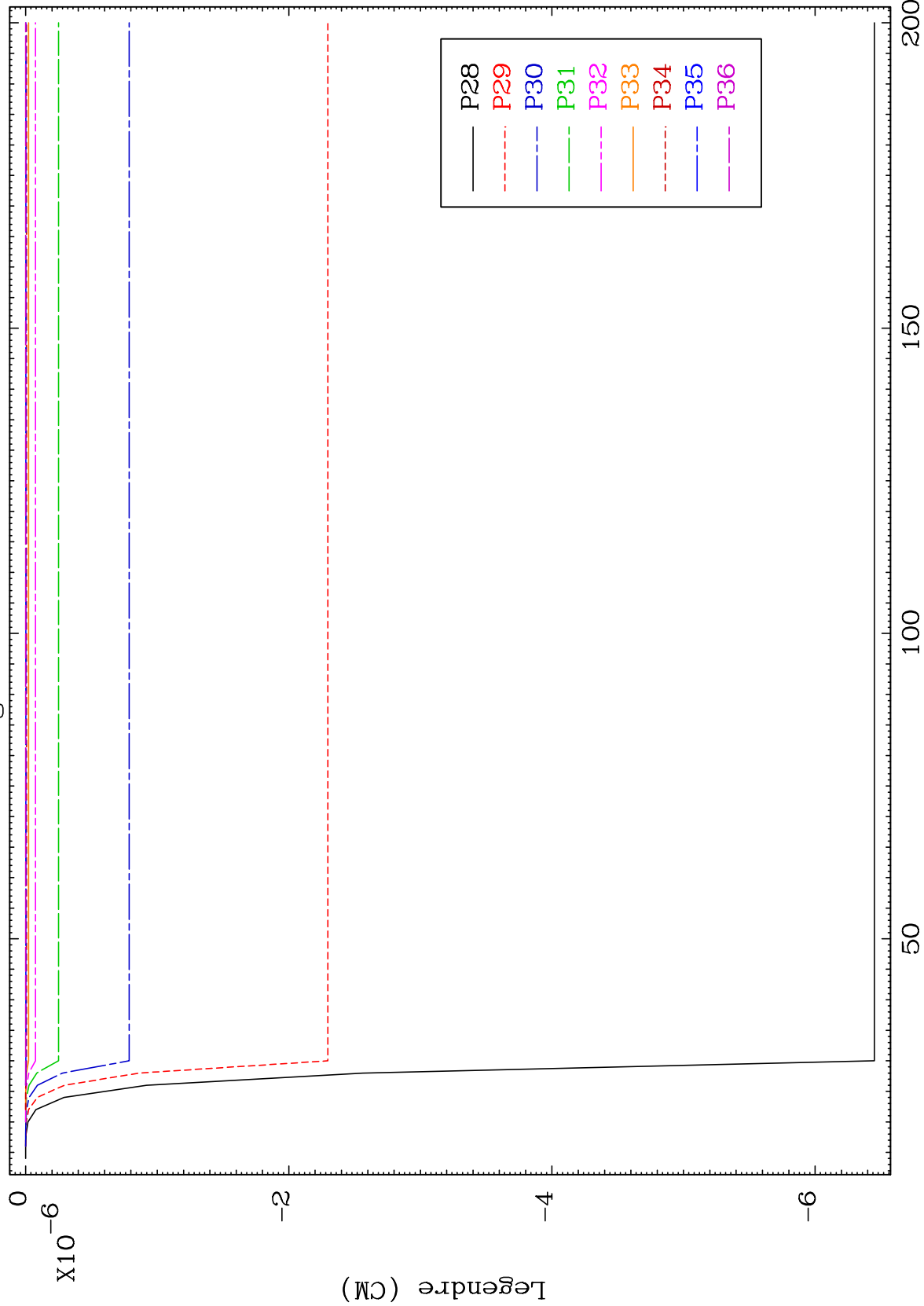
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



63

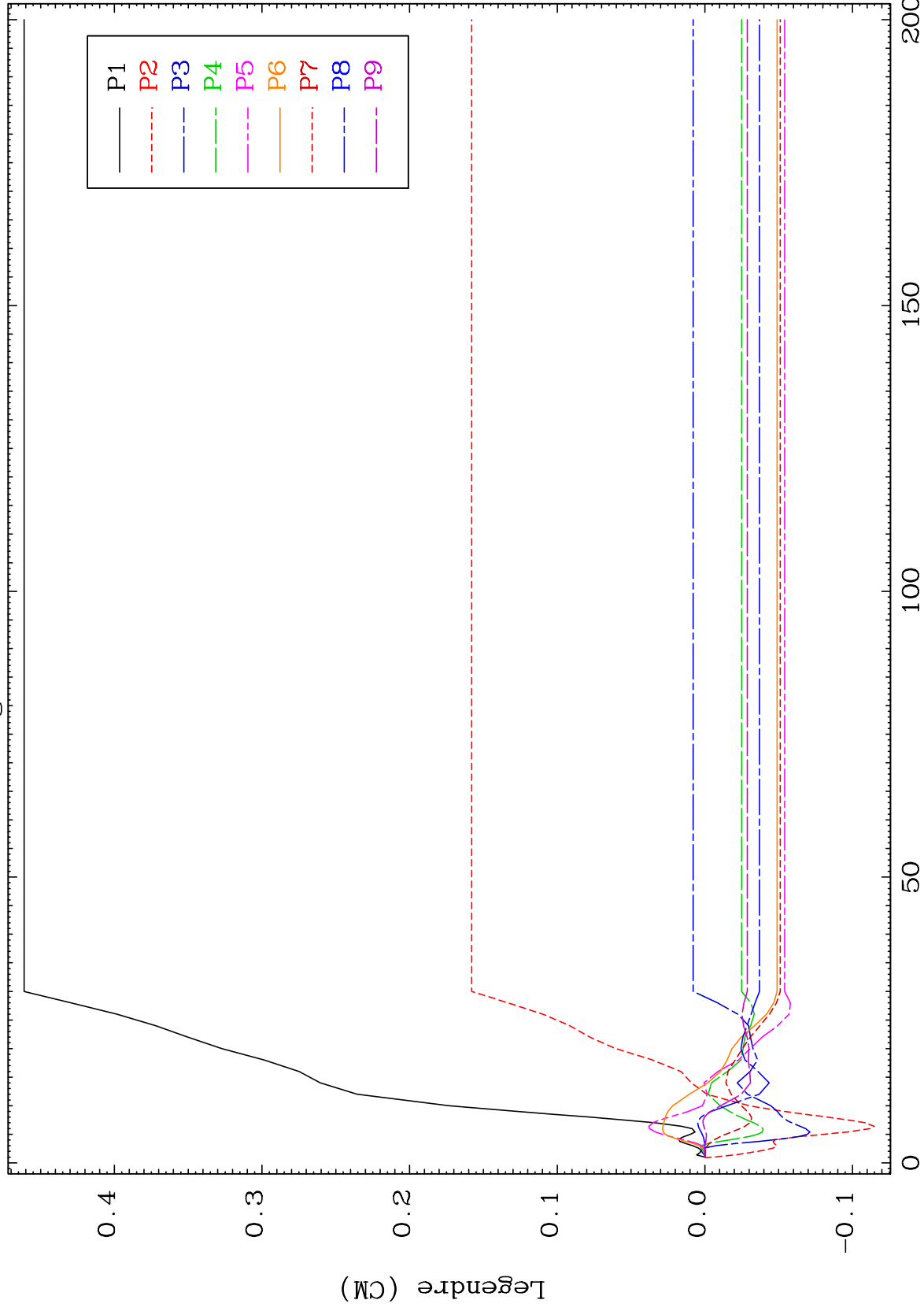
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

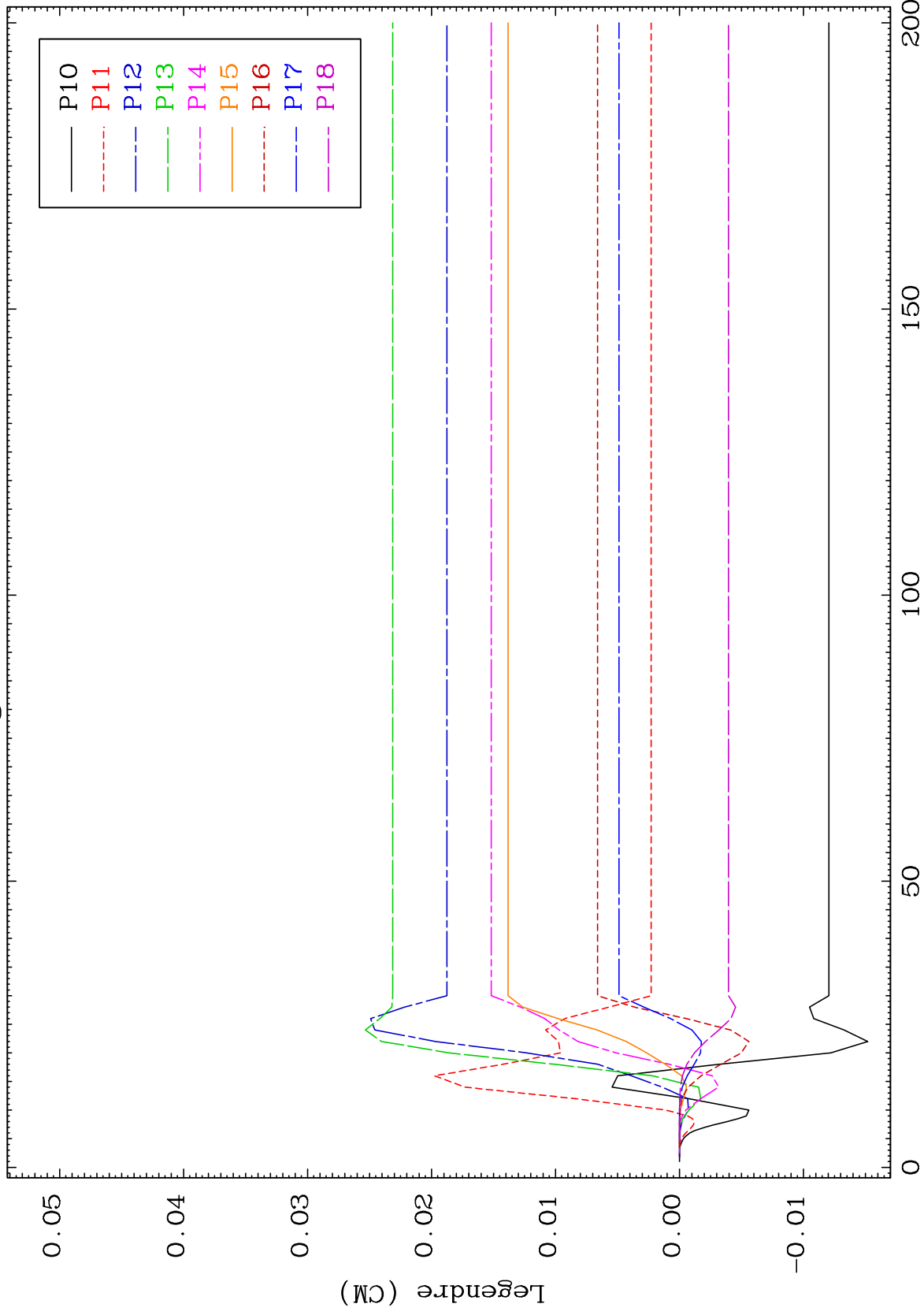
Incident Energy (MeV)

64

MAT 5758

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

57-La-149



65

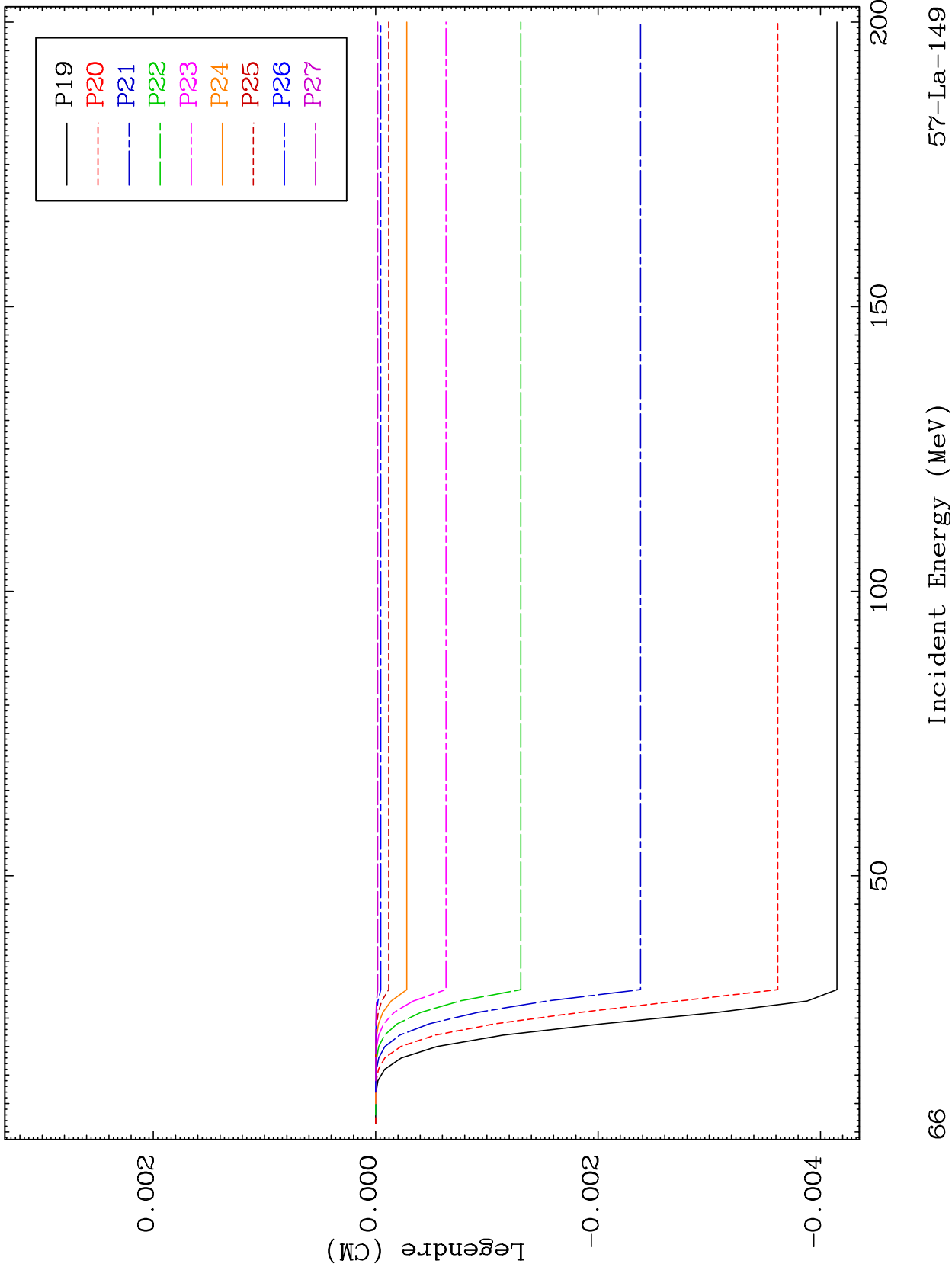
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



66

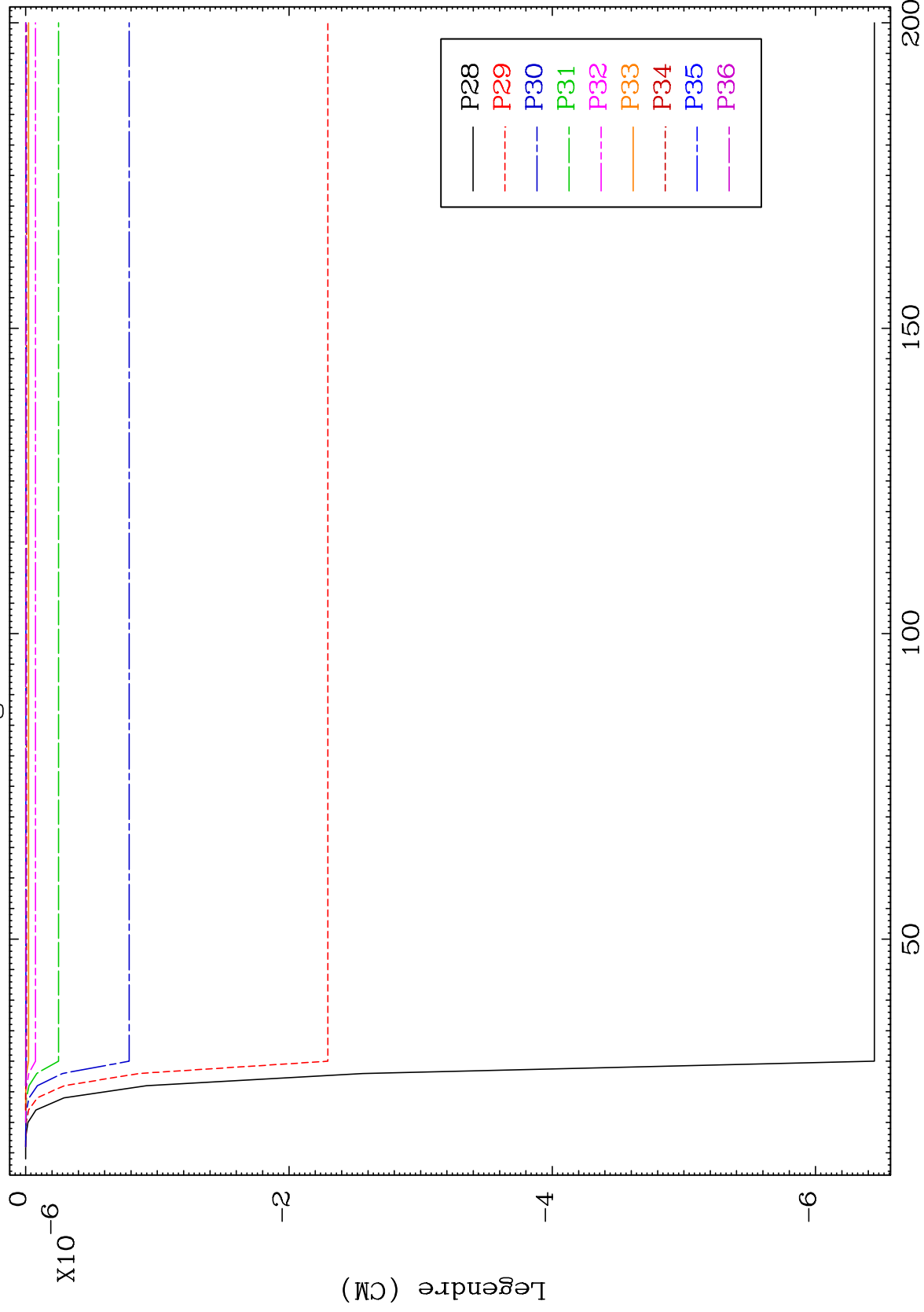
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



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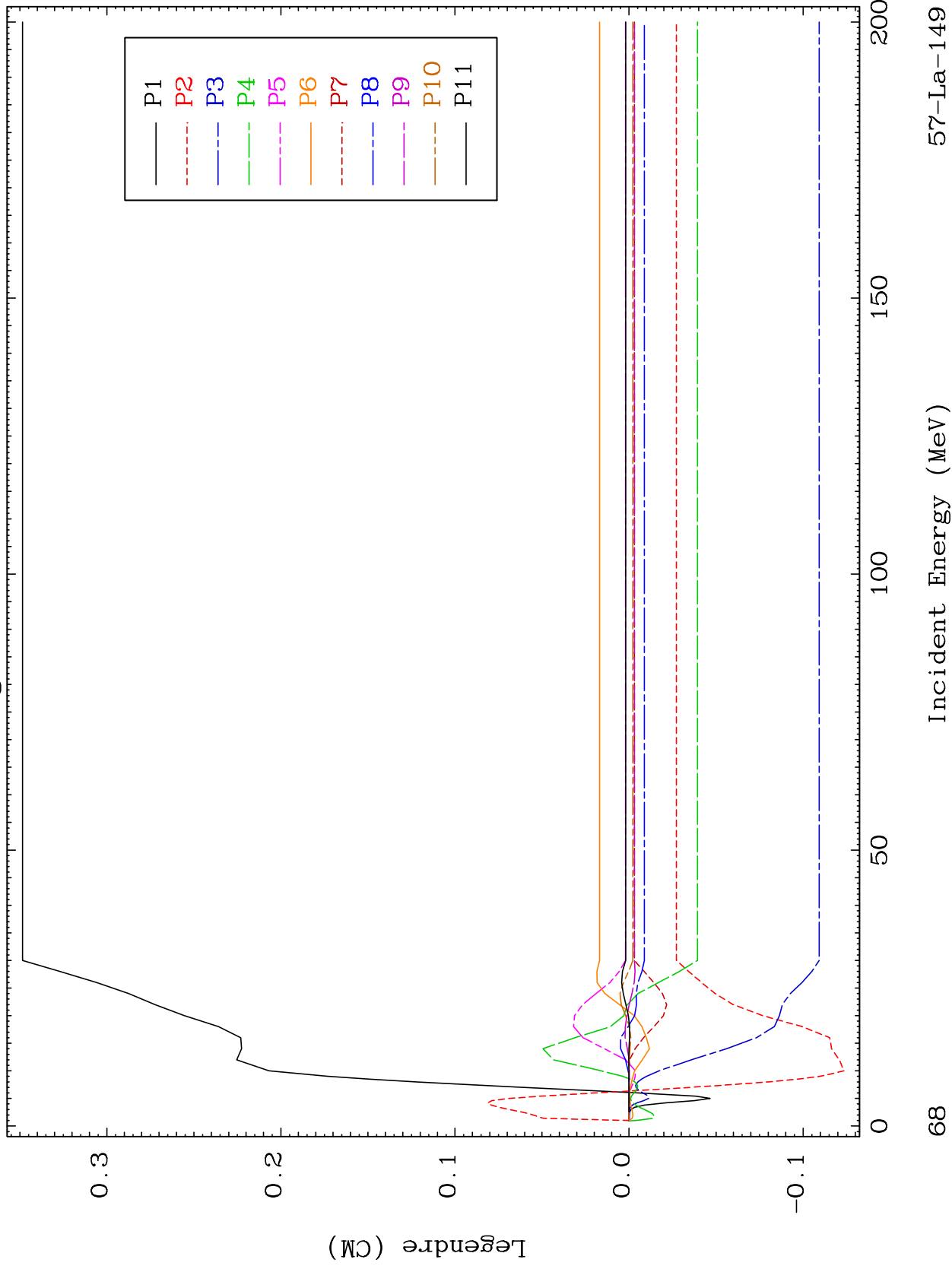
Incident Energy (MeV)

57-La-149

MAT 5758

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

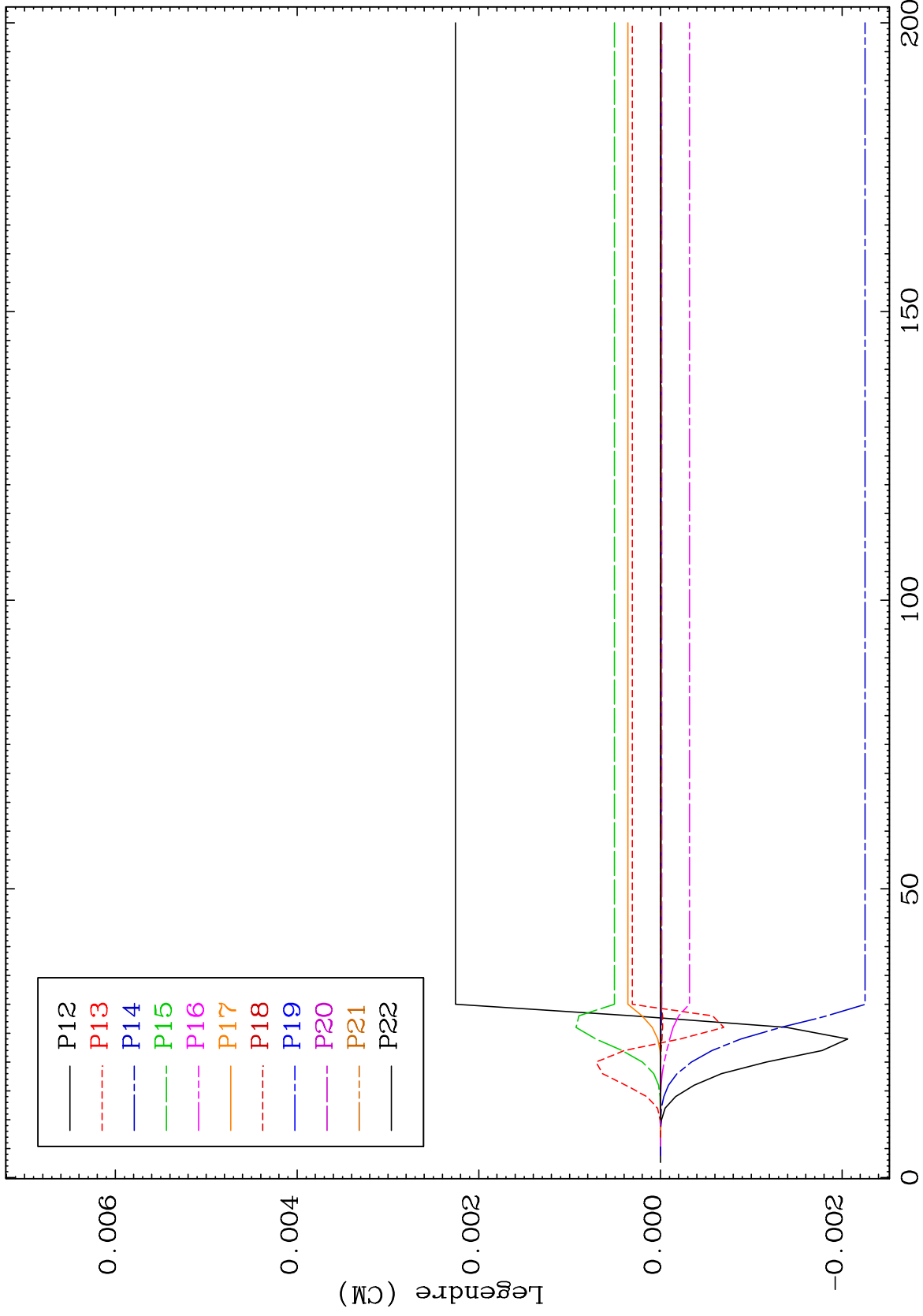
57-La-149



57-La-149

Incident Energy (MeV)

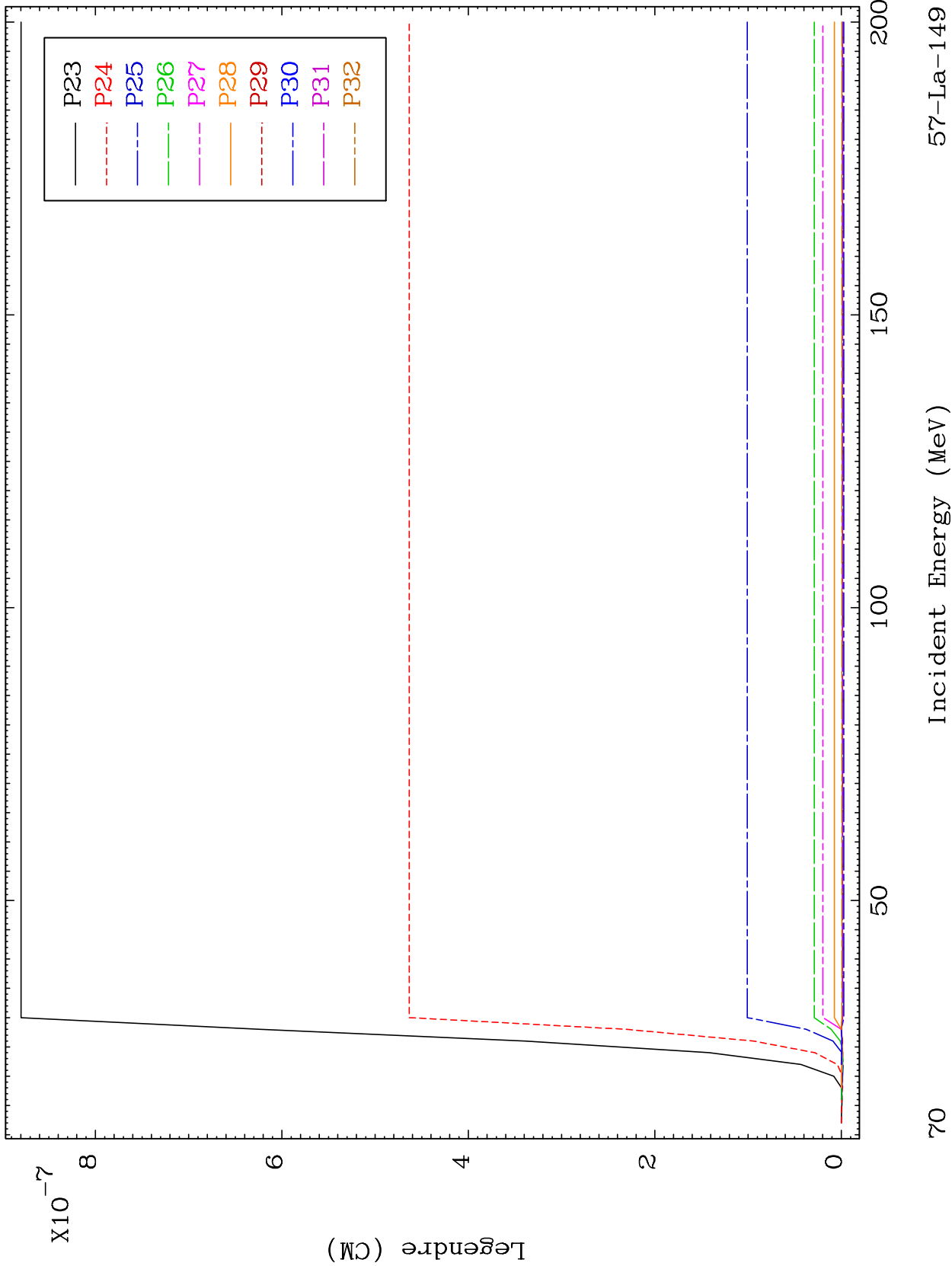
68



MAT 5758

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

57-La-149



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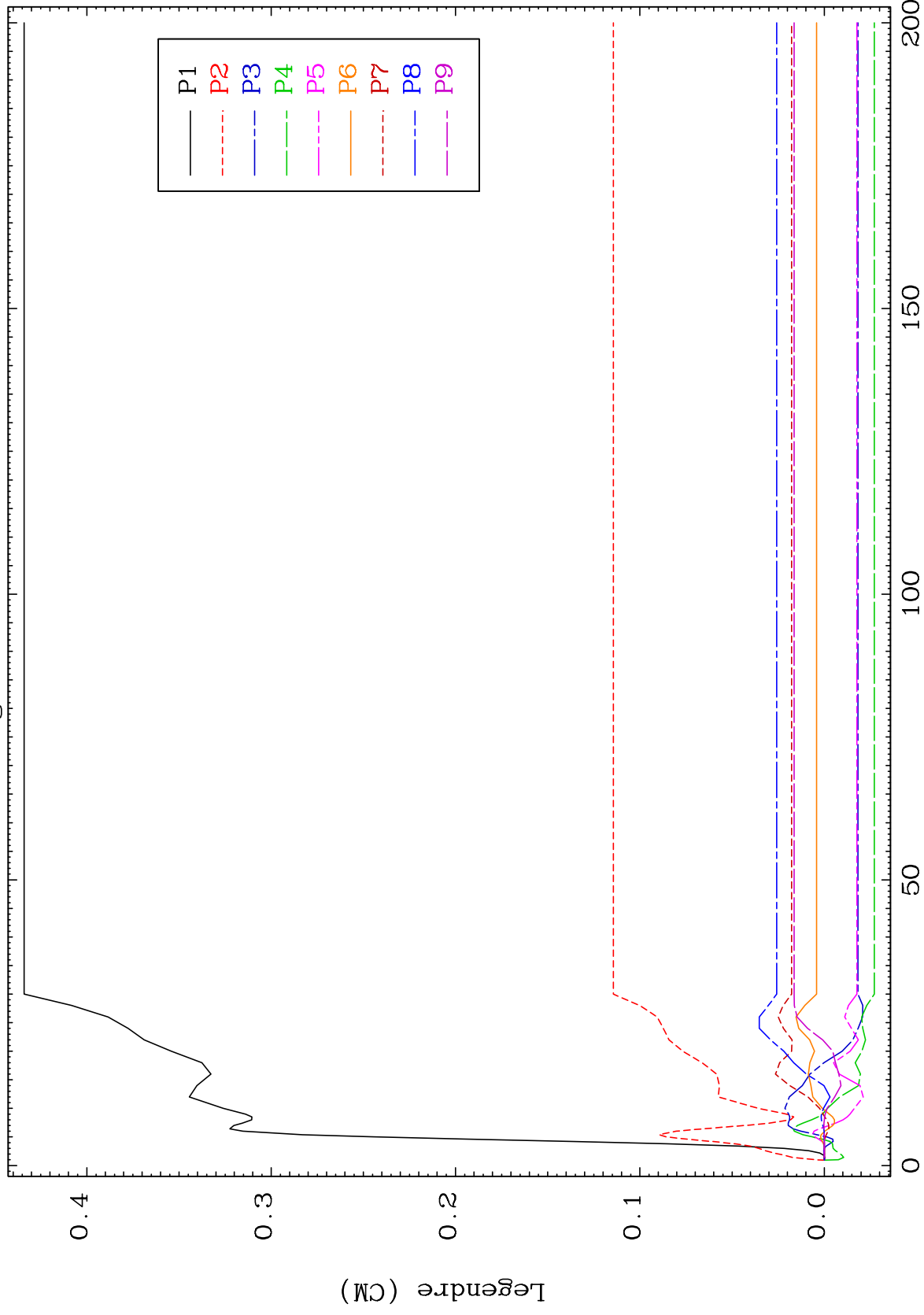
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



71

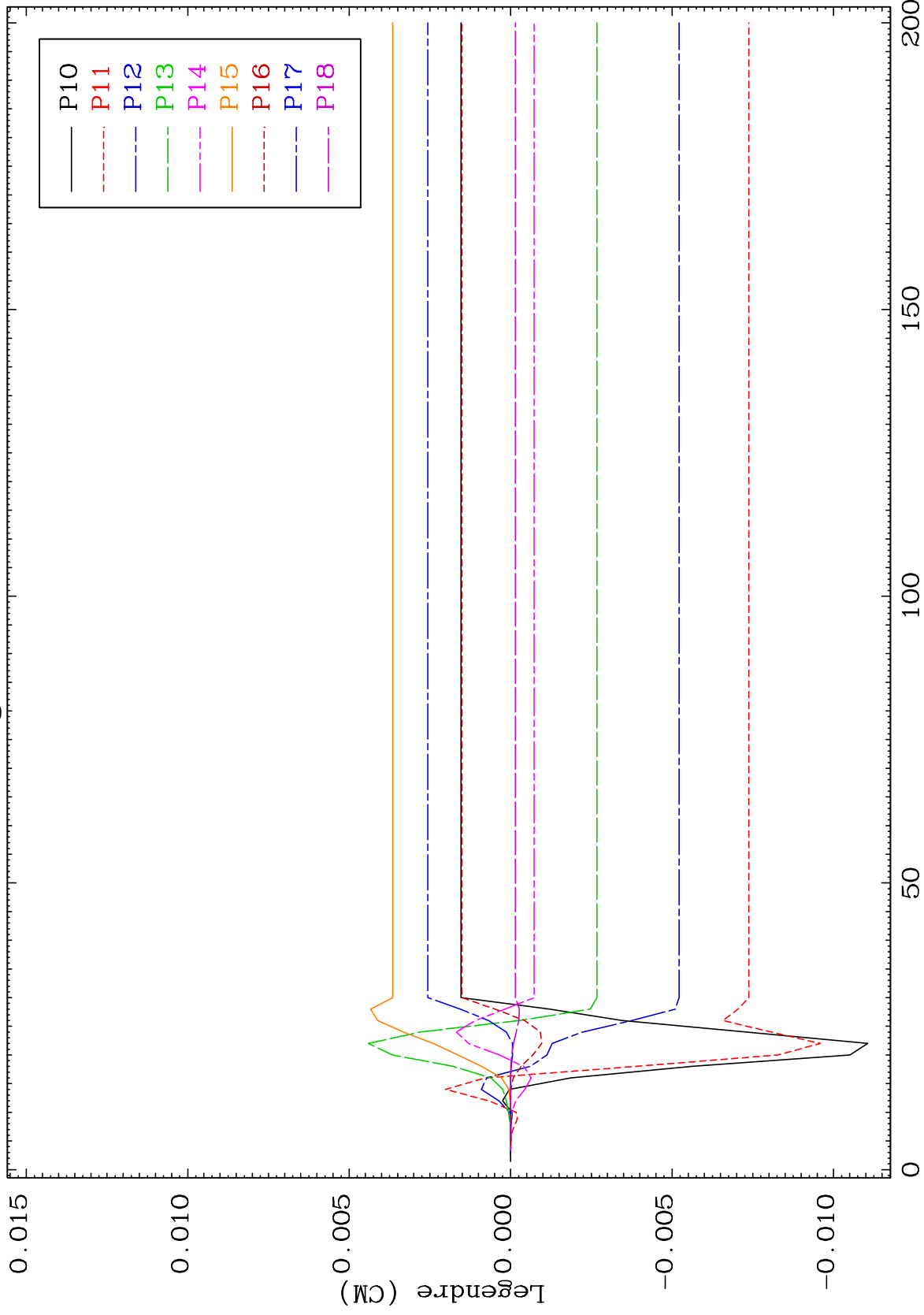
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



72

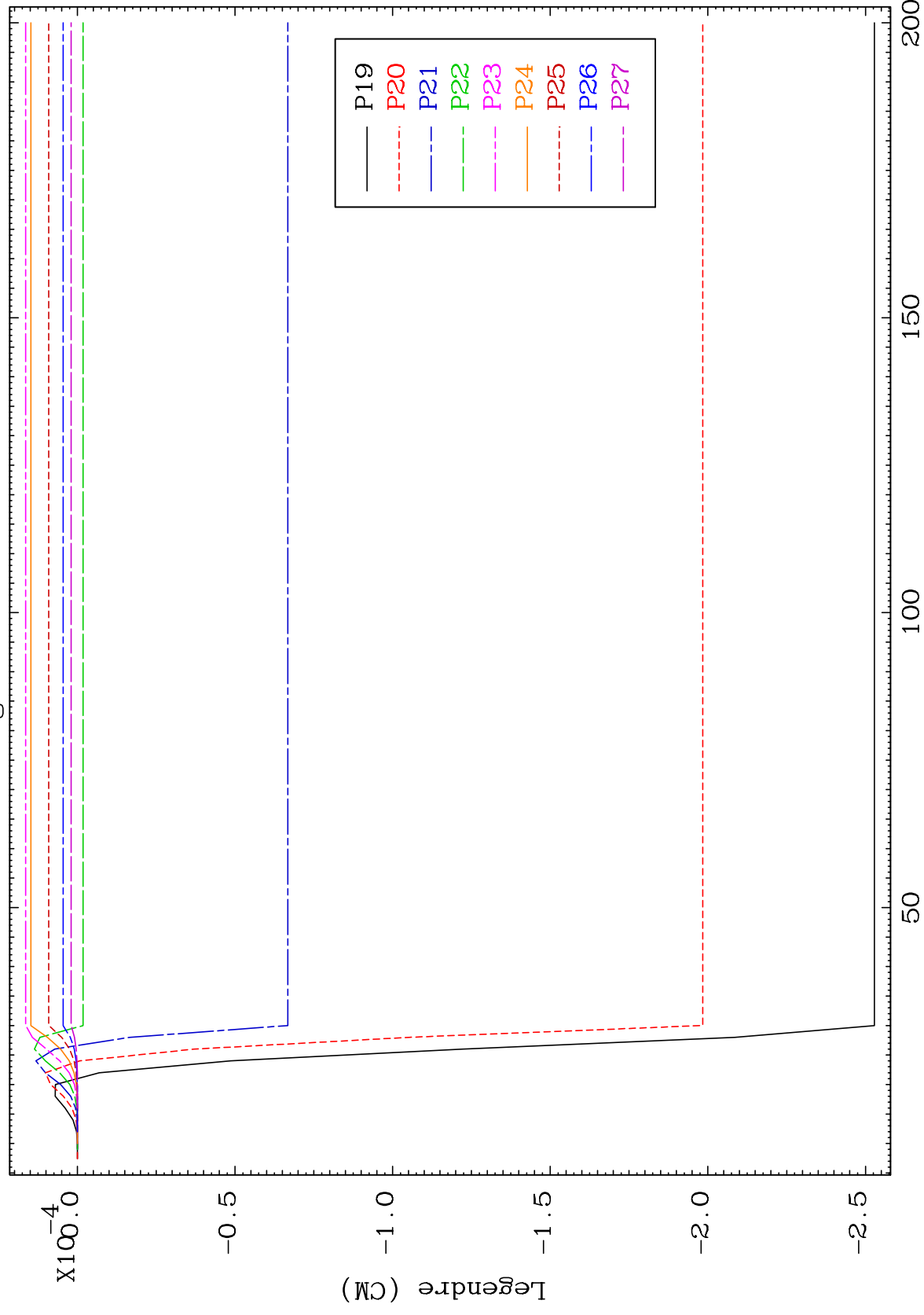
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



73

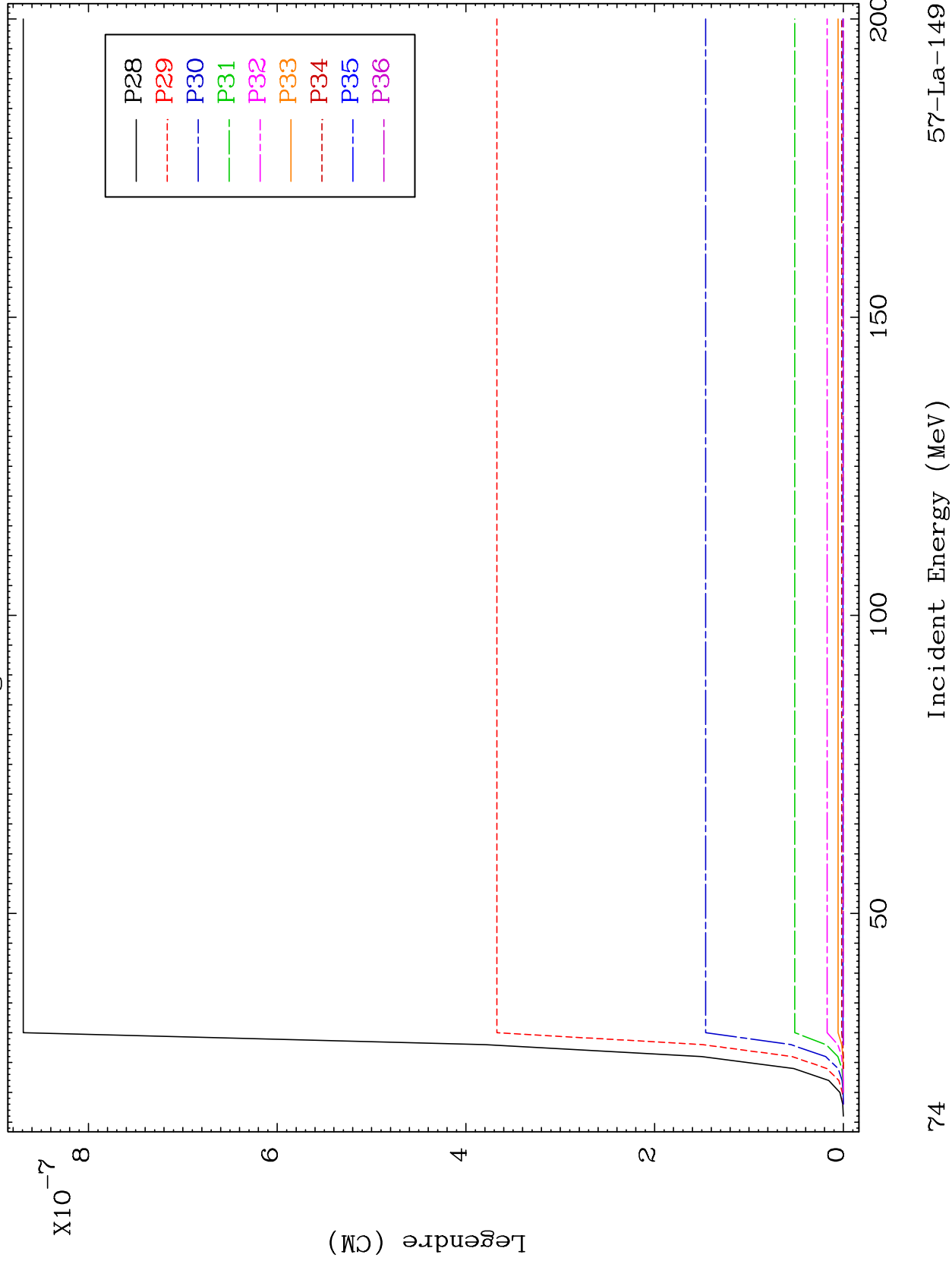
Incident Energy (MeV)

57-La-149

MAT 5758

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

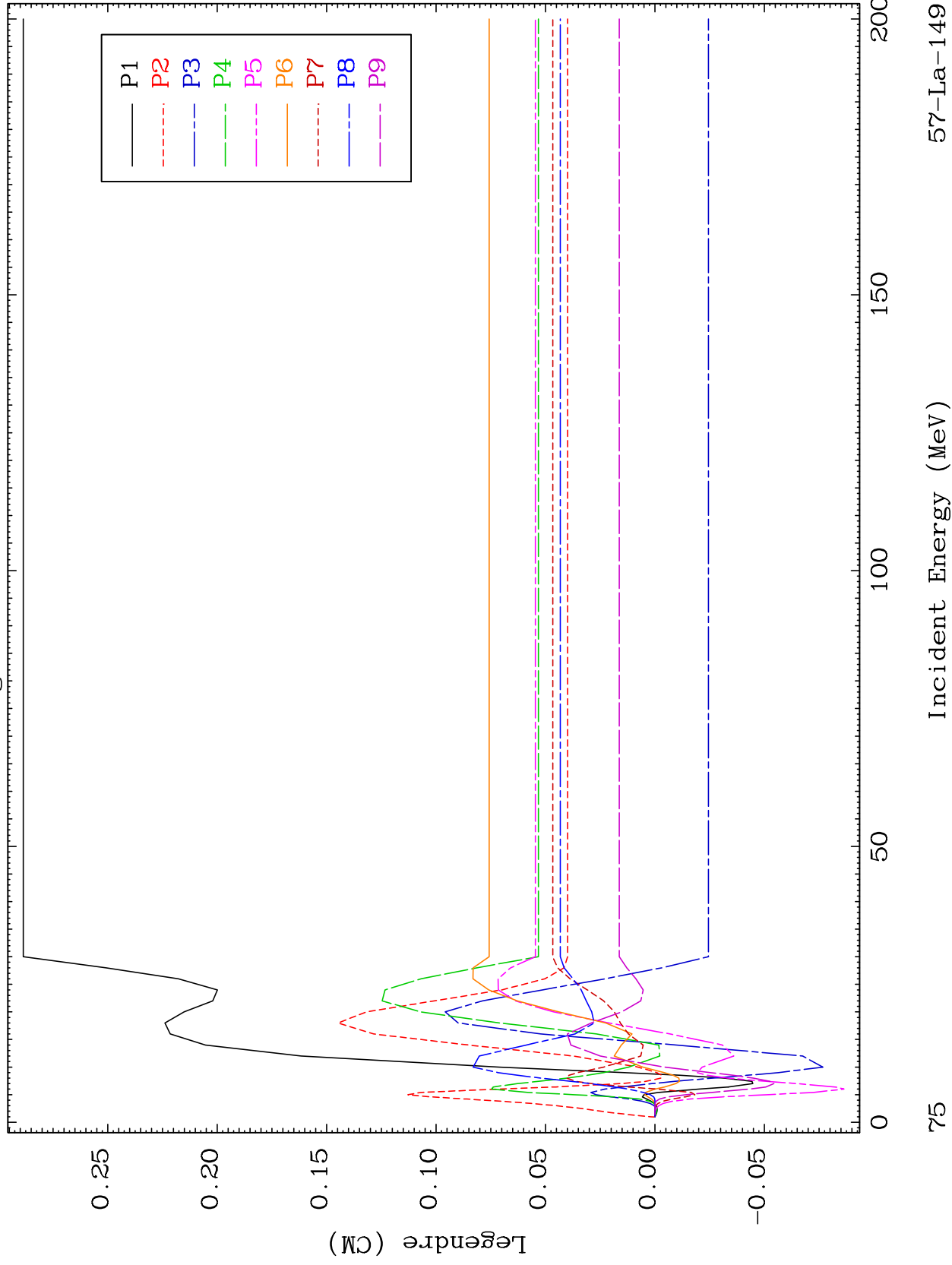
57-La-149



MAT 5758

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

57-La-149



57-La-149

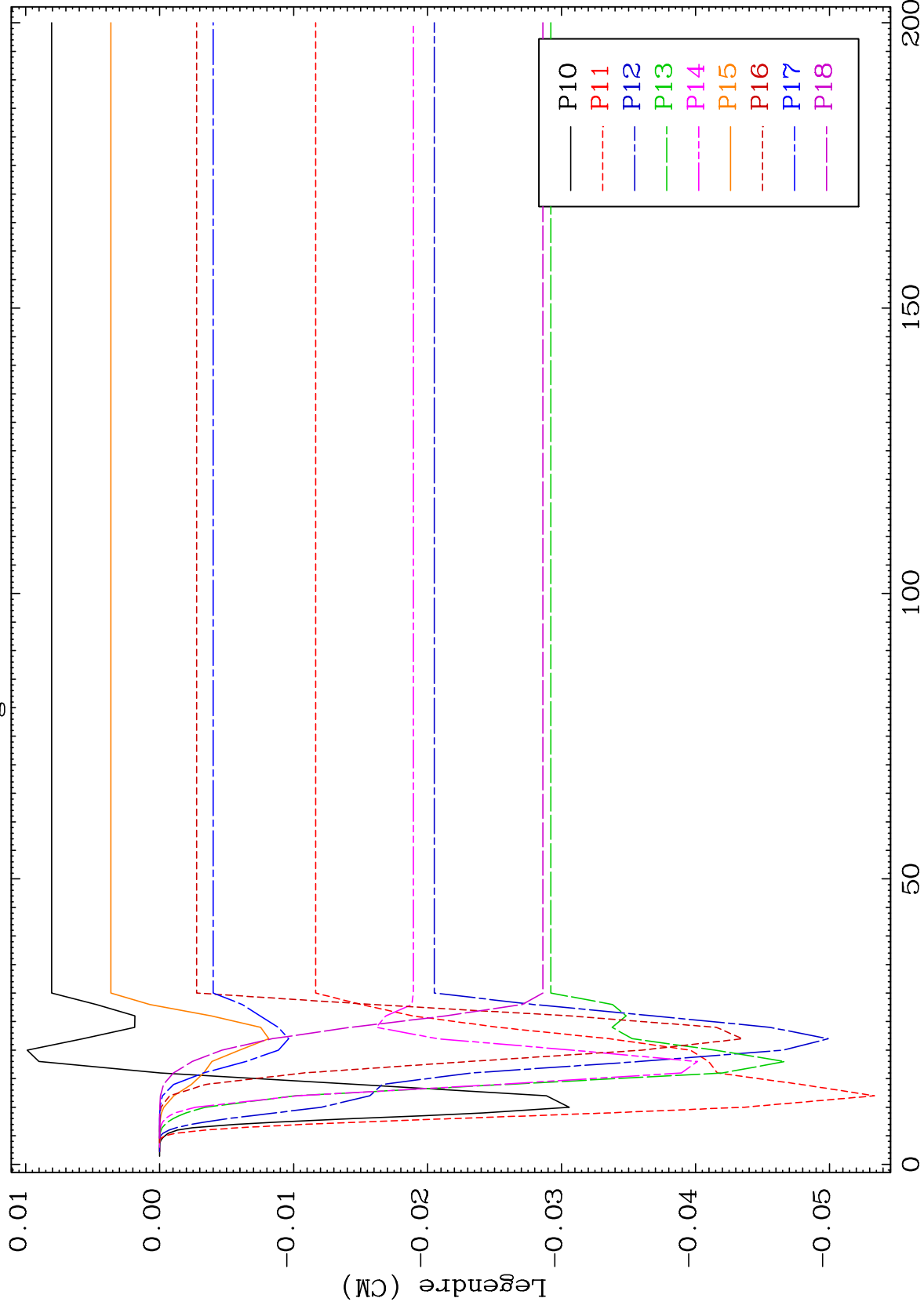
Incident Energy (MeV)

75

MAT 5758

57-La-149

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



76

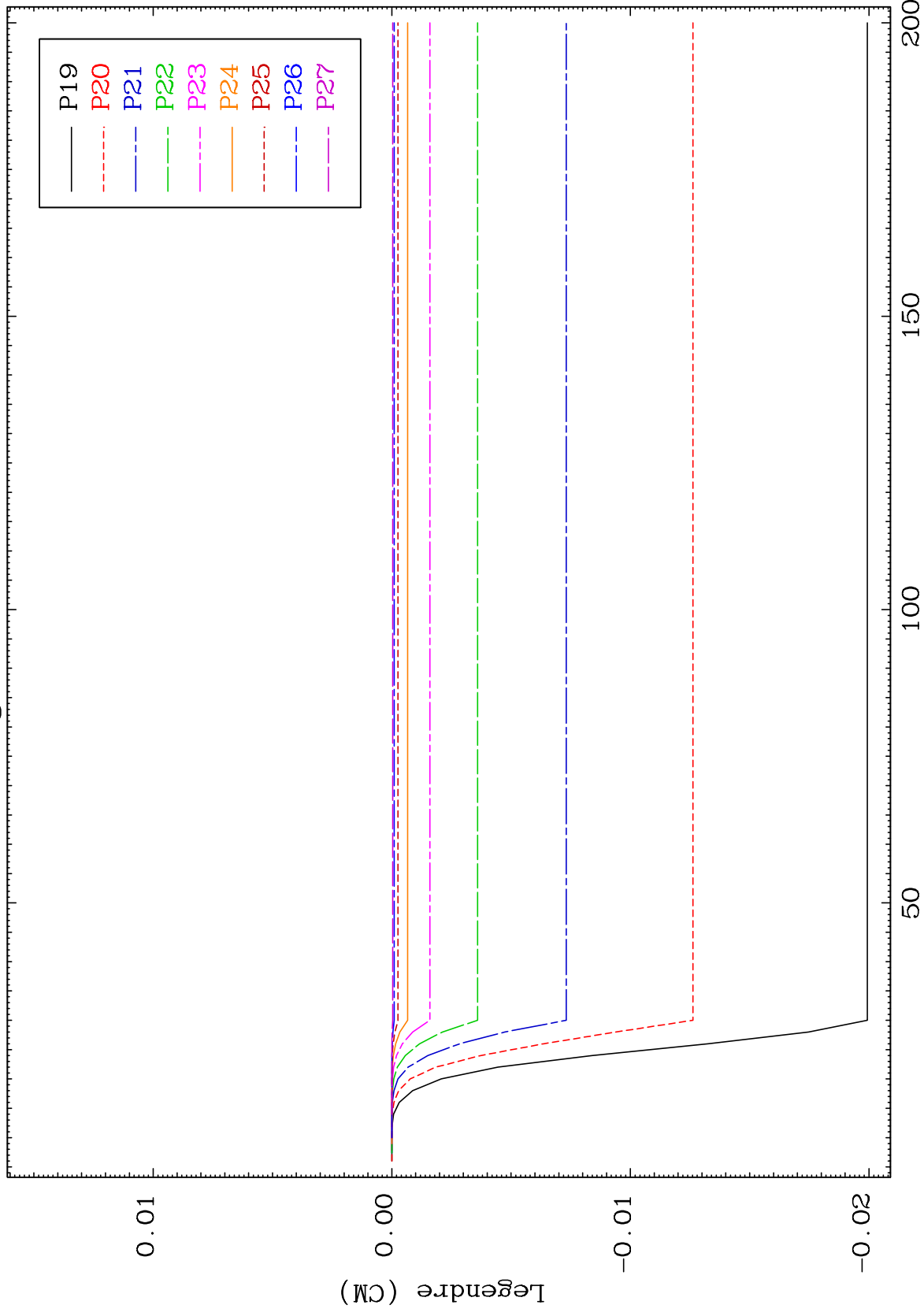
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



77

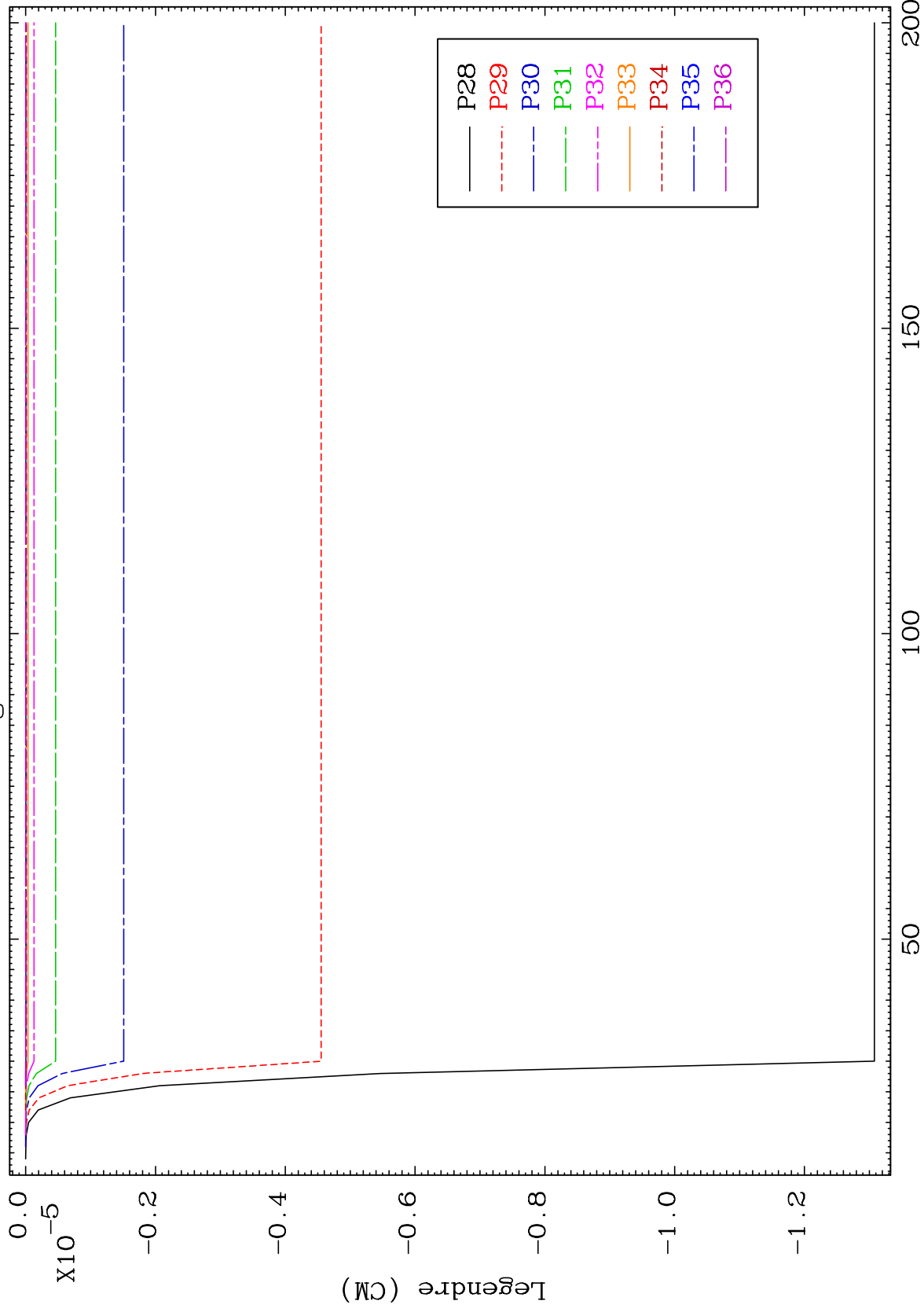
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



78

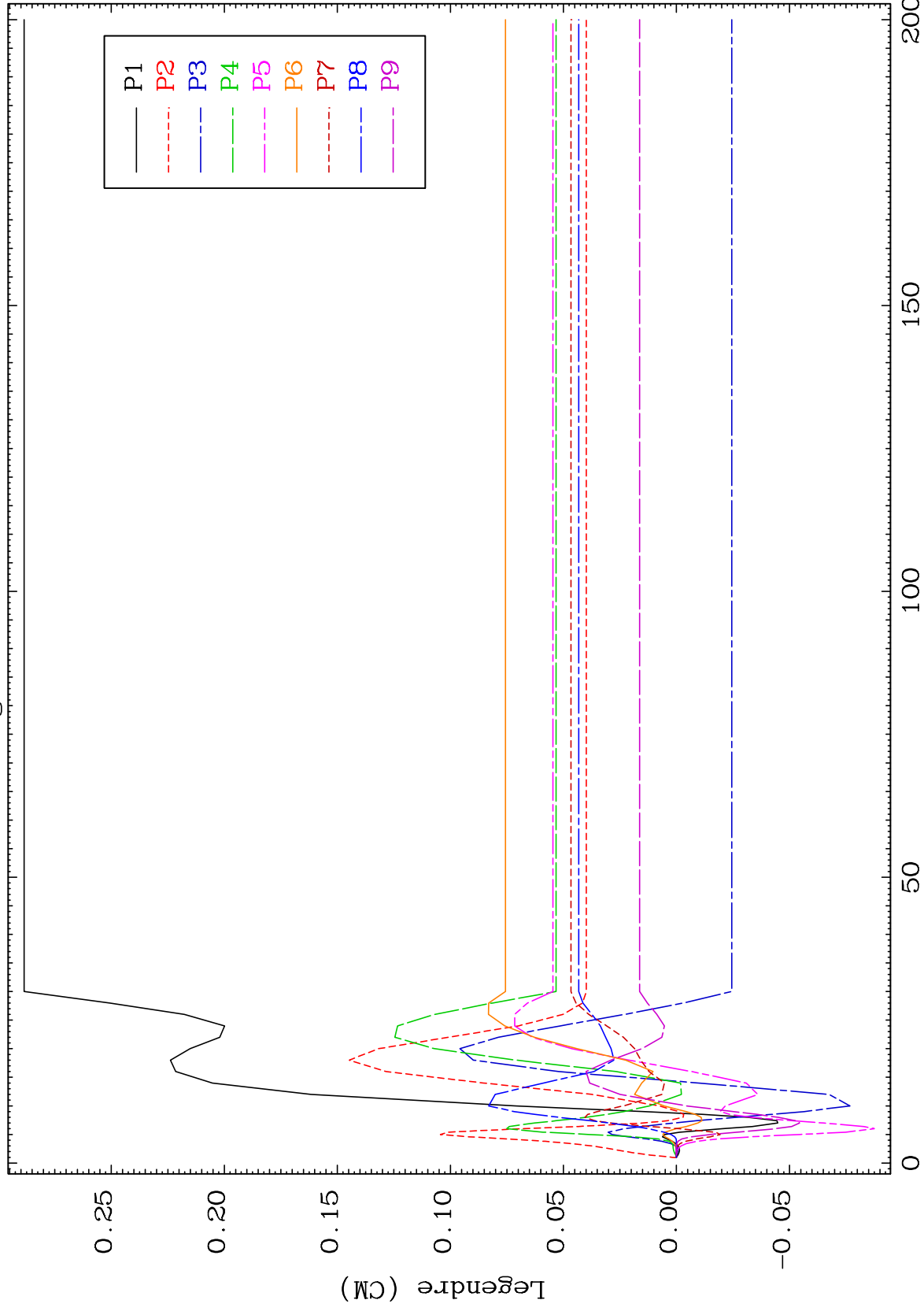
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



79

Incident Energy (MeV)

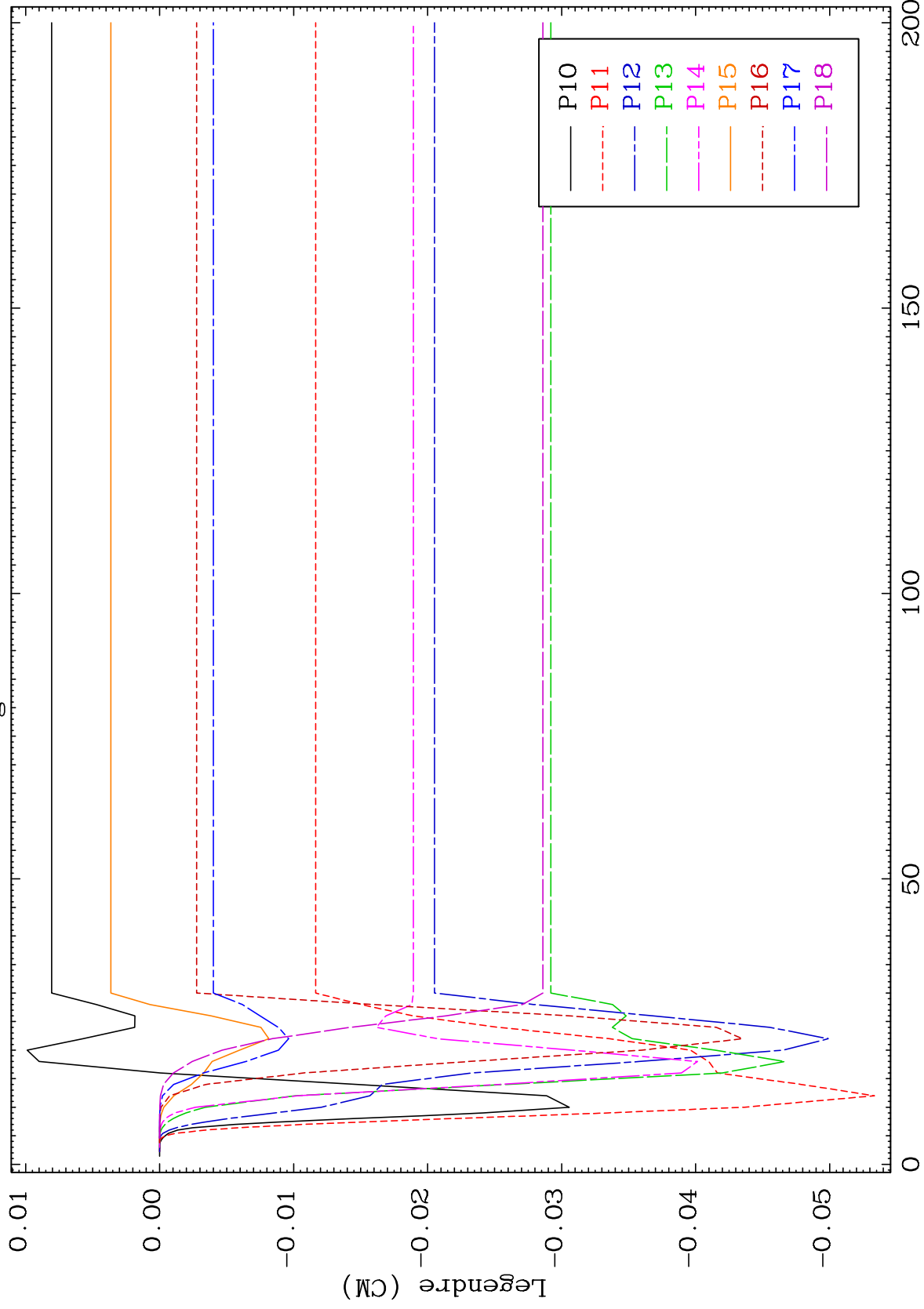
57-La-149

MAT 5758

MT= 66 (n,n') Level

57-La-149

Legendre Coefficients



80

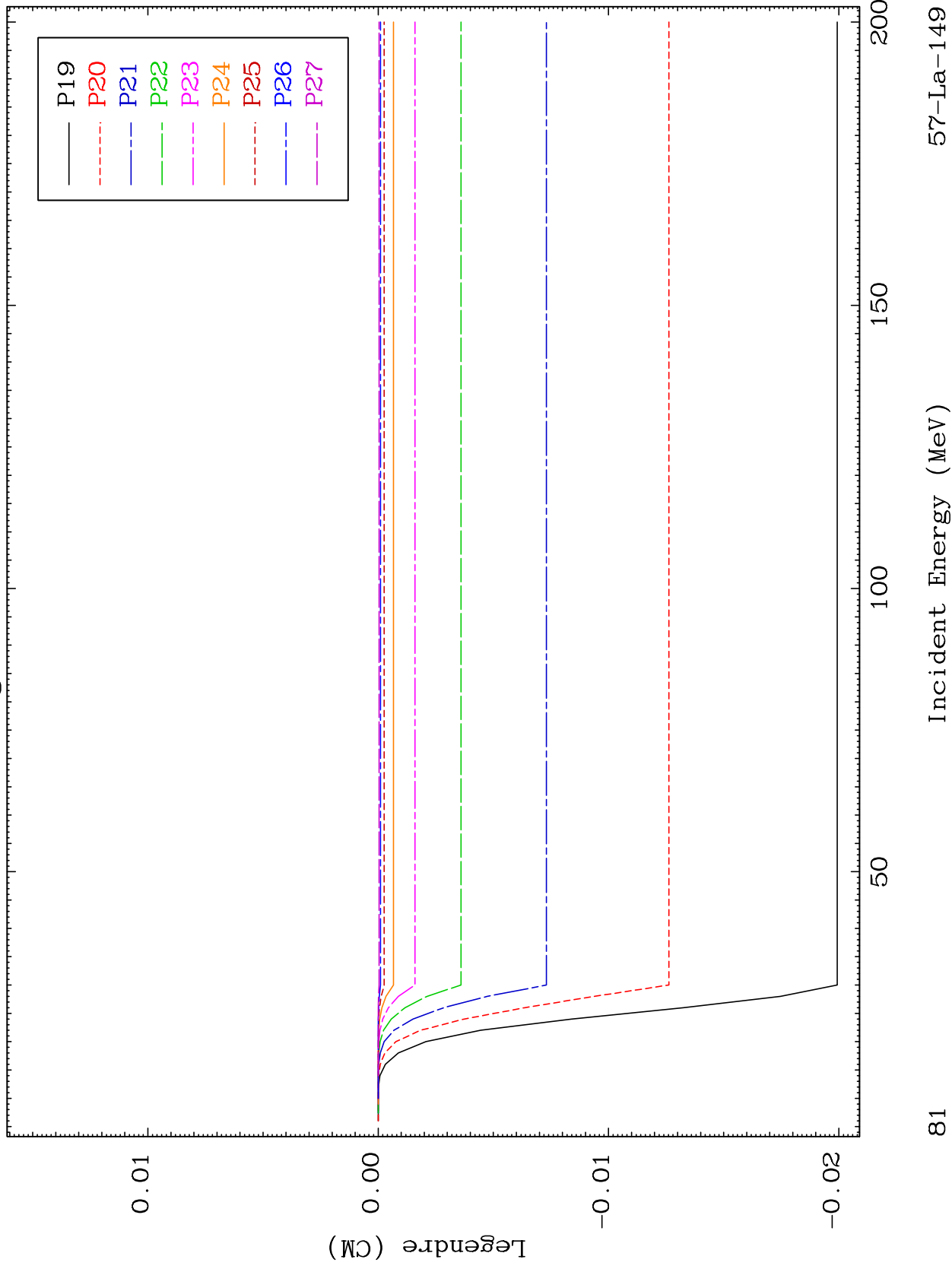
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



81

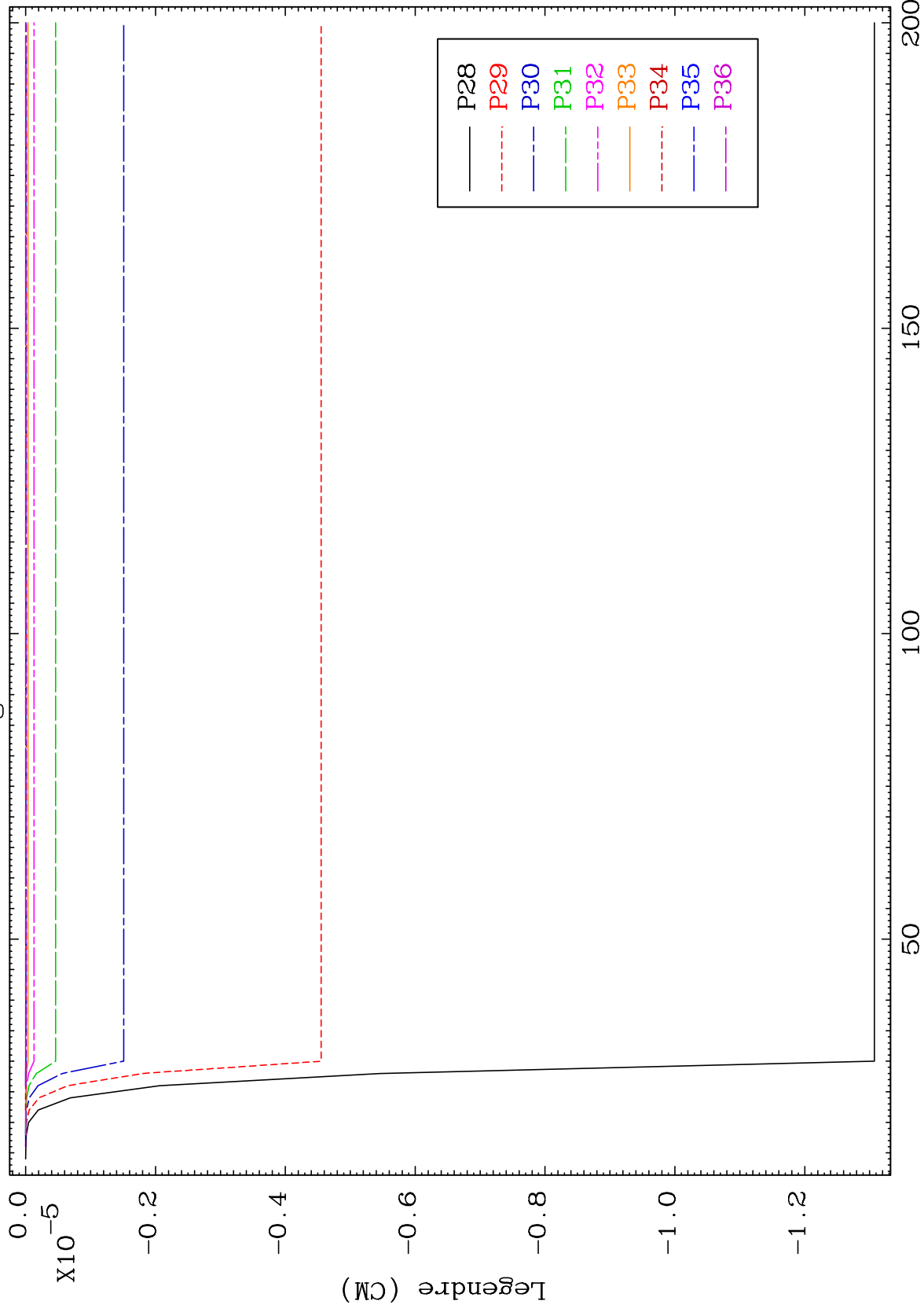
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



82

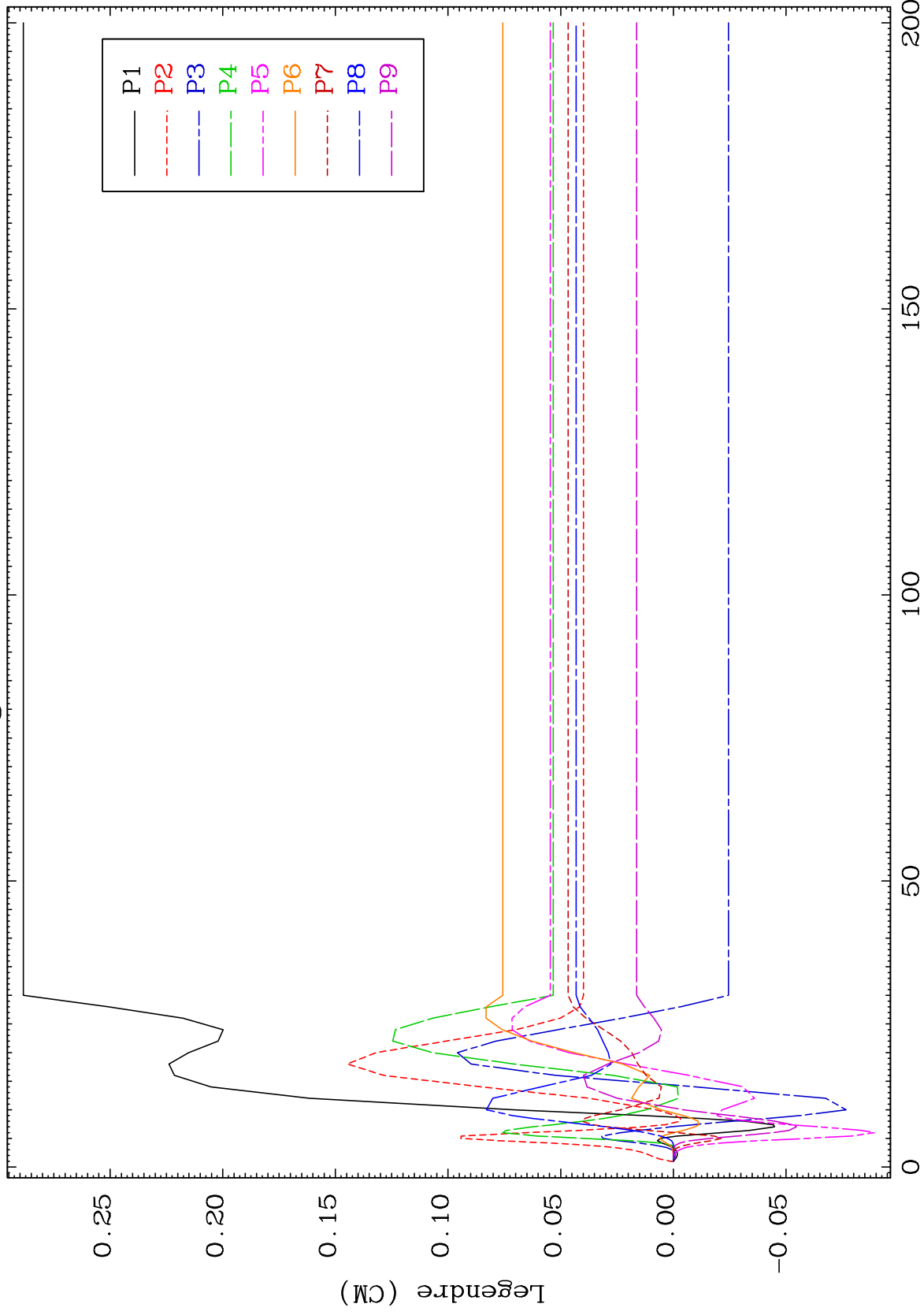
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



83

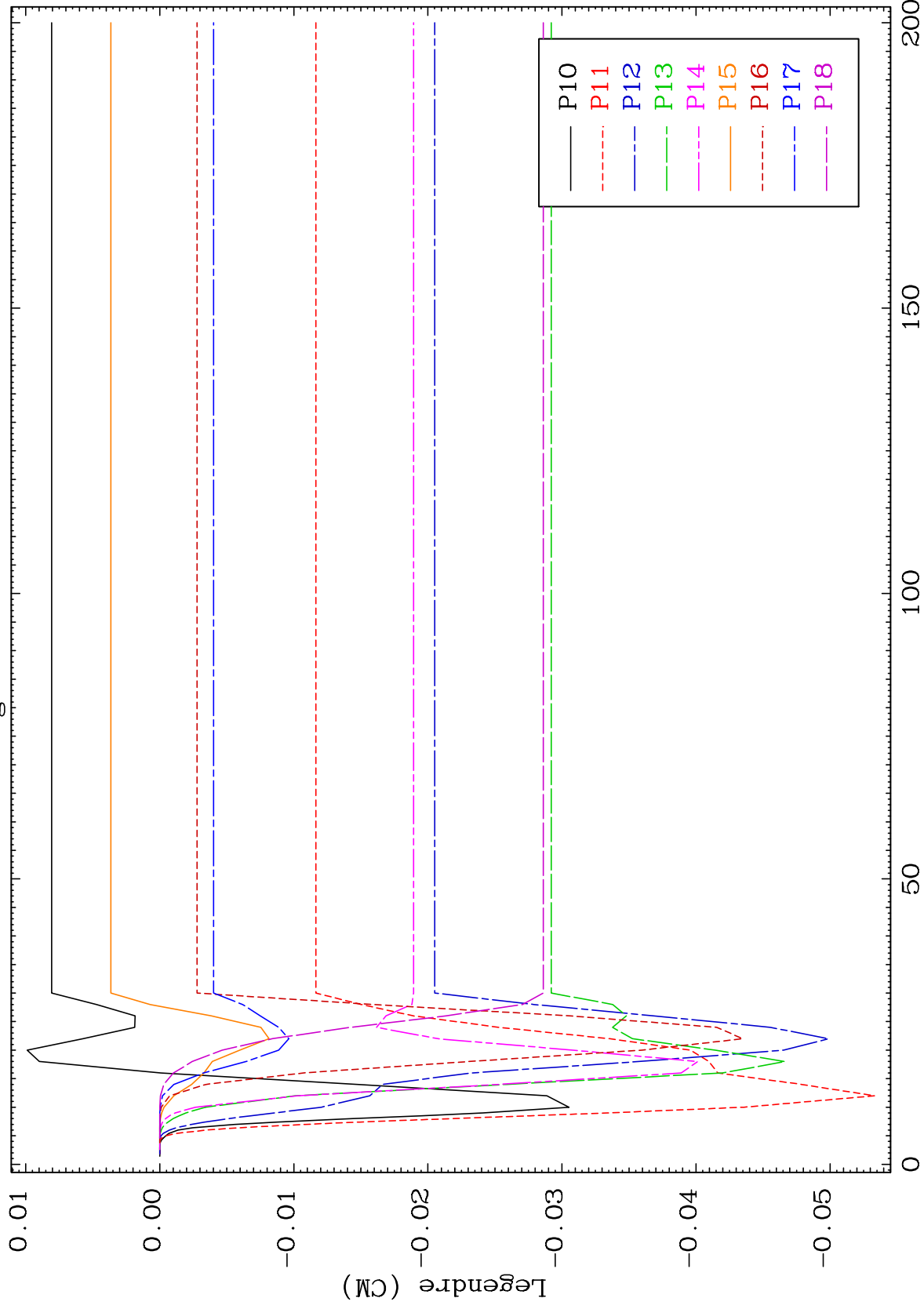
Incident Energy (MeV)

57-La-149

MAT 5758

57-La-149

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



57-La-149

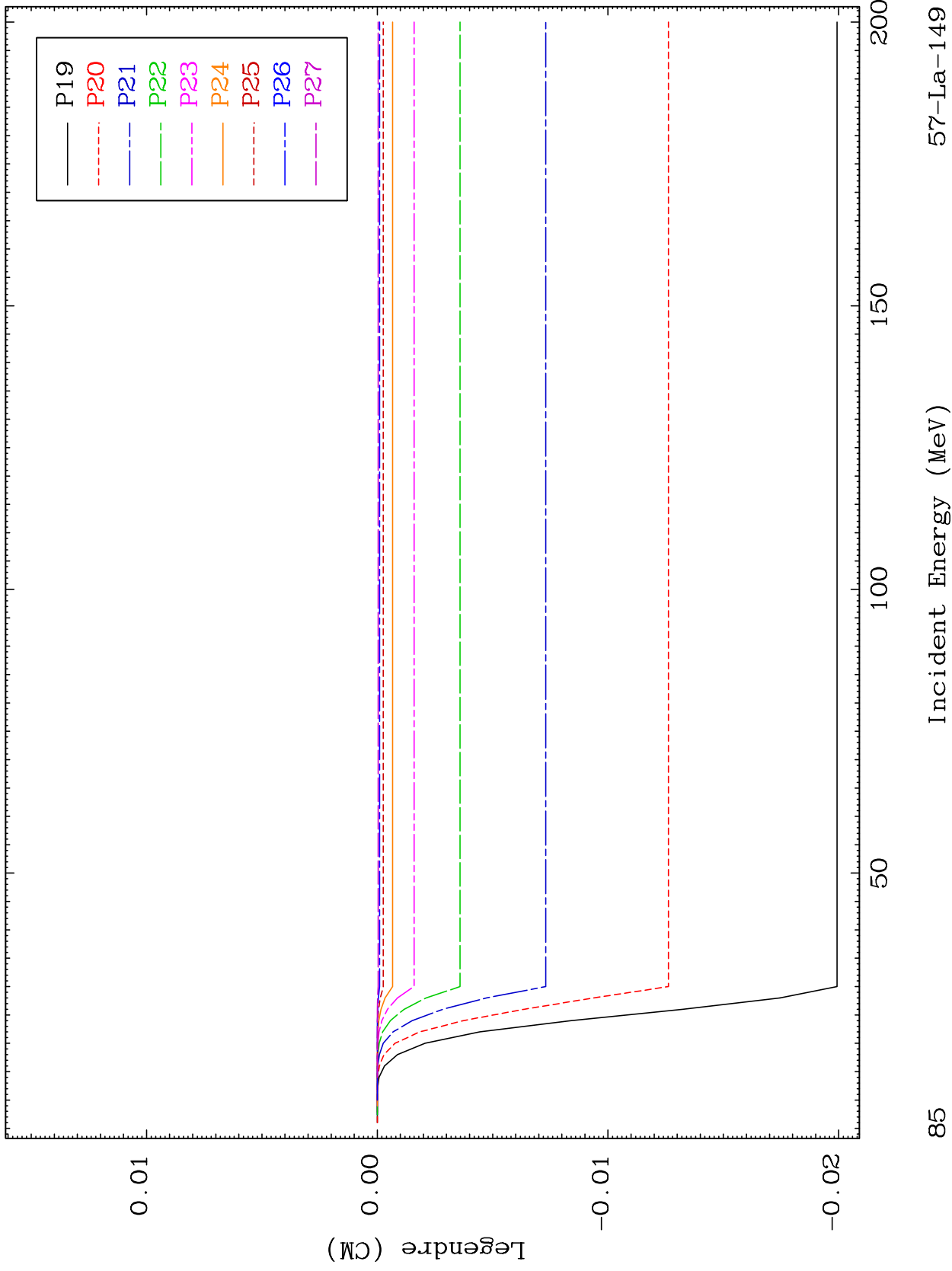
Incident Energy (MeV)

84

MAT 5758

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

57-La-149



85

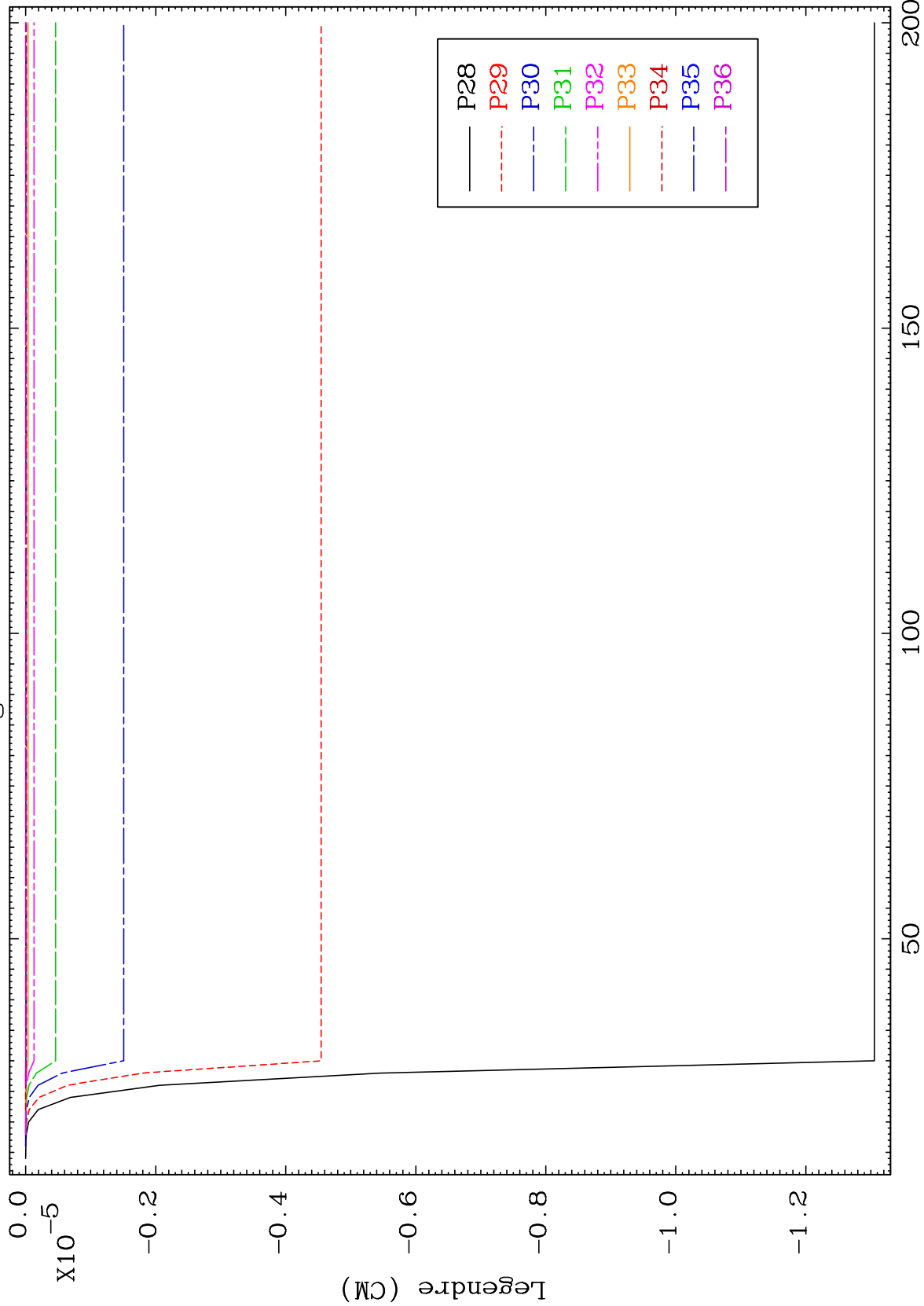
Incident Energy (MeV)

57-La-149

MAT 5758

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

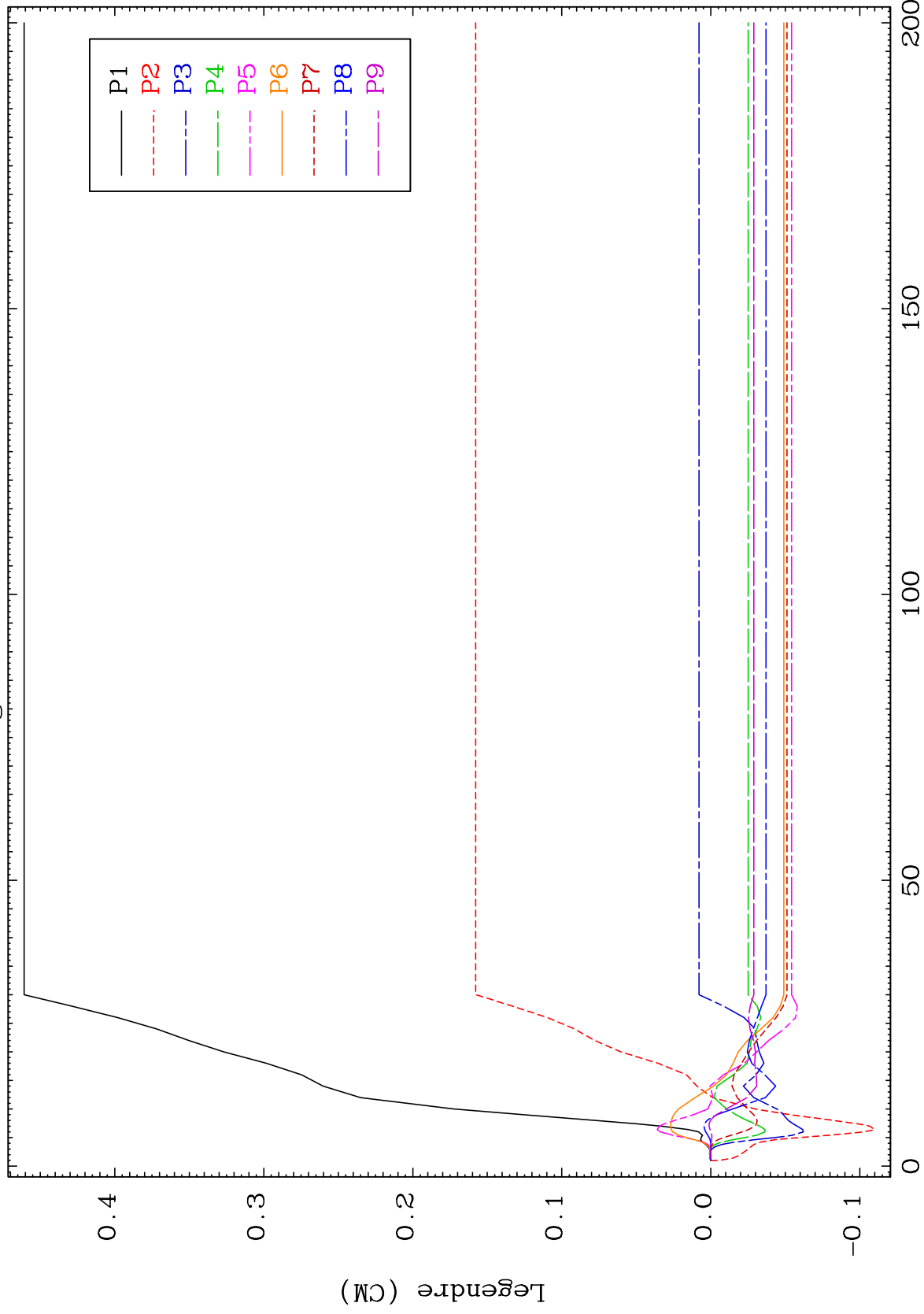
57-La-149



MAT 5758

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

57-La-149



87

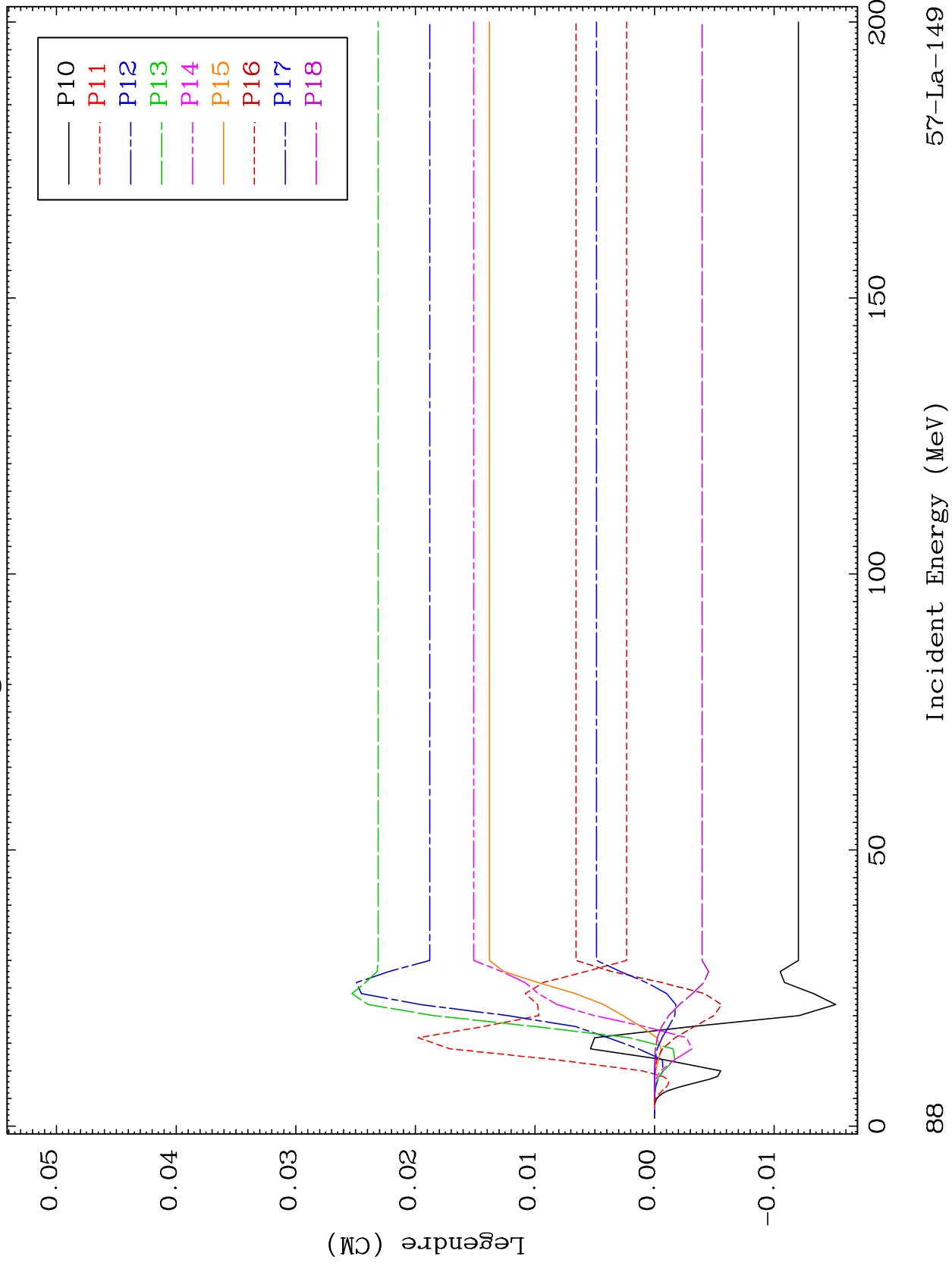
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

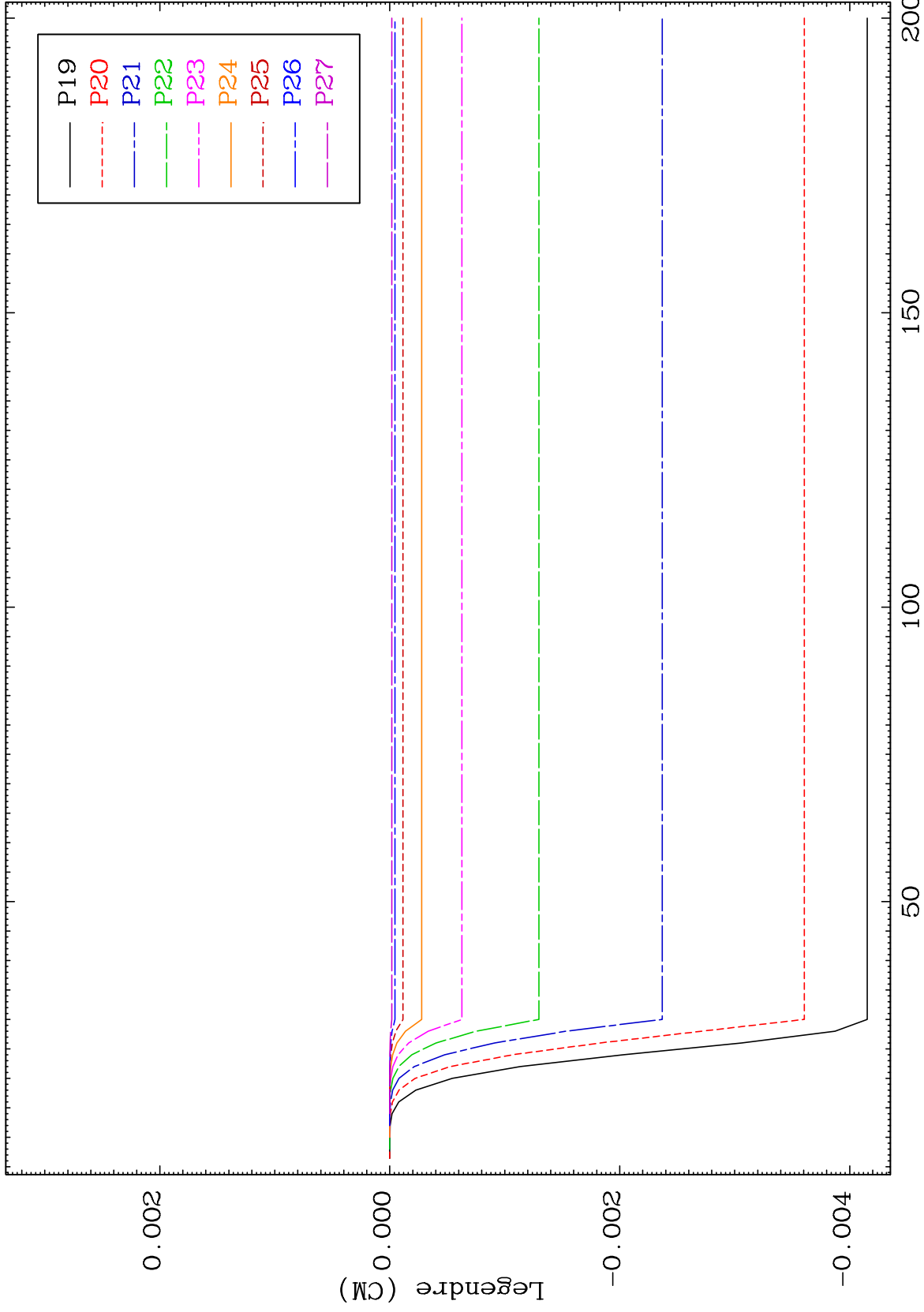
Incident Energy (MeV)

88

MAT 5758

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

57-La-149



89

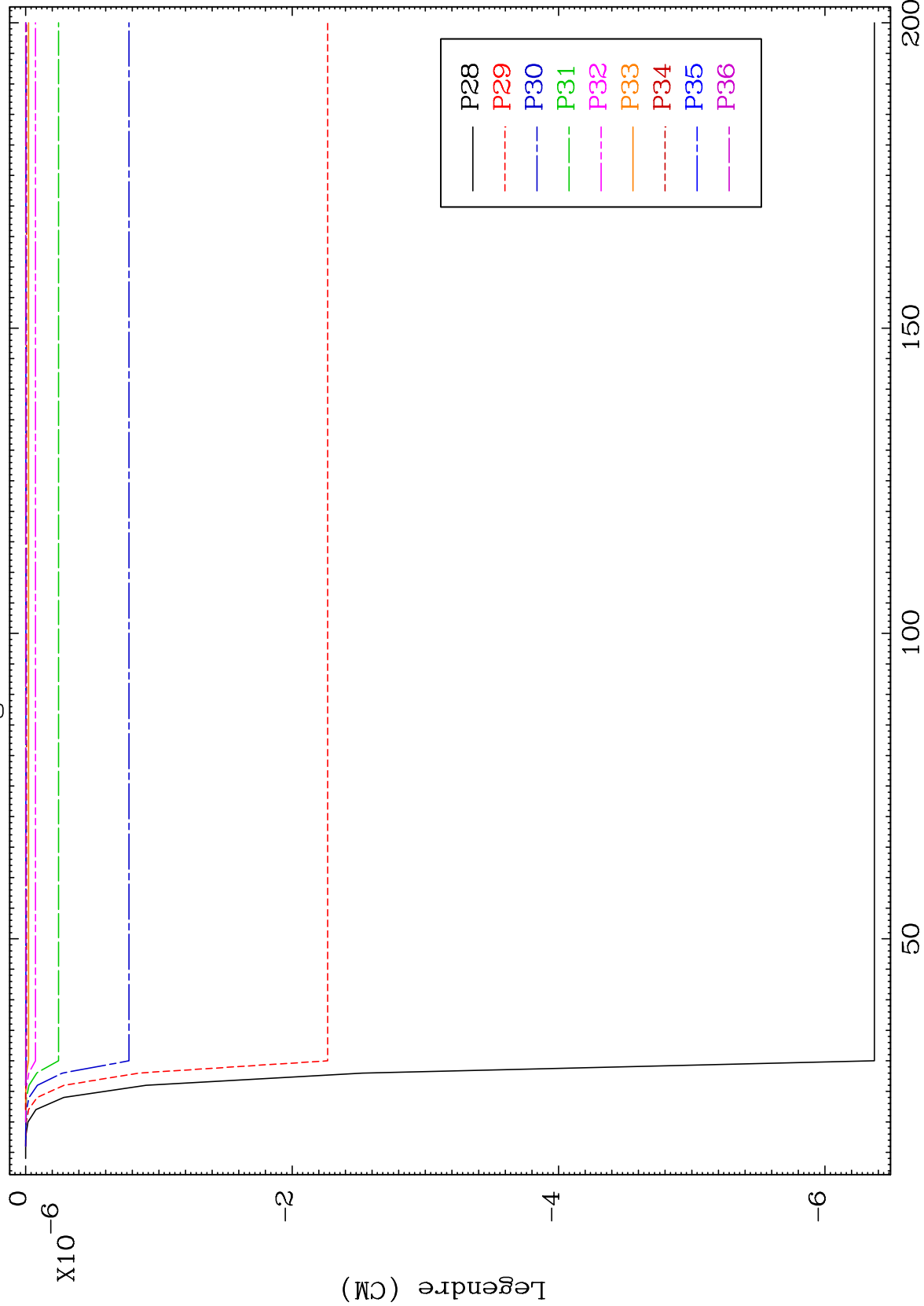
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



90

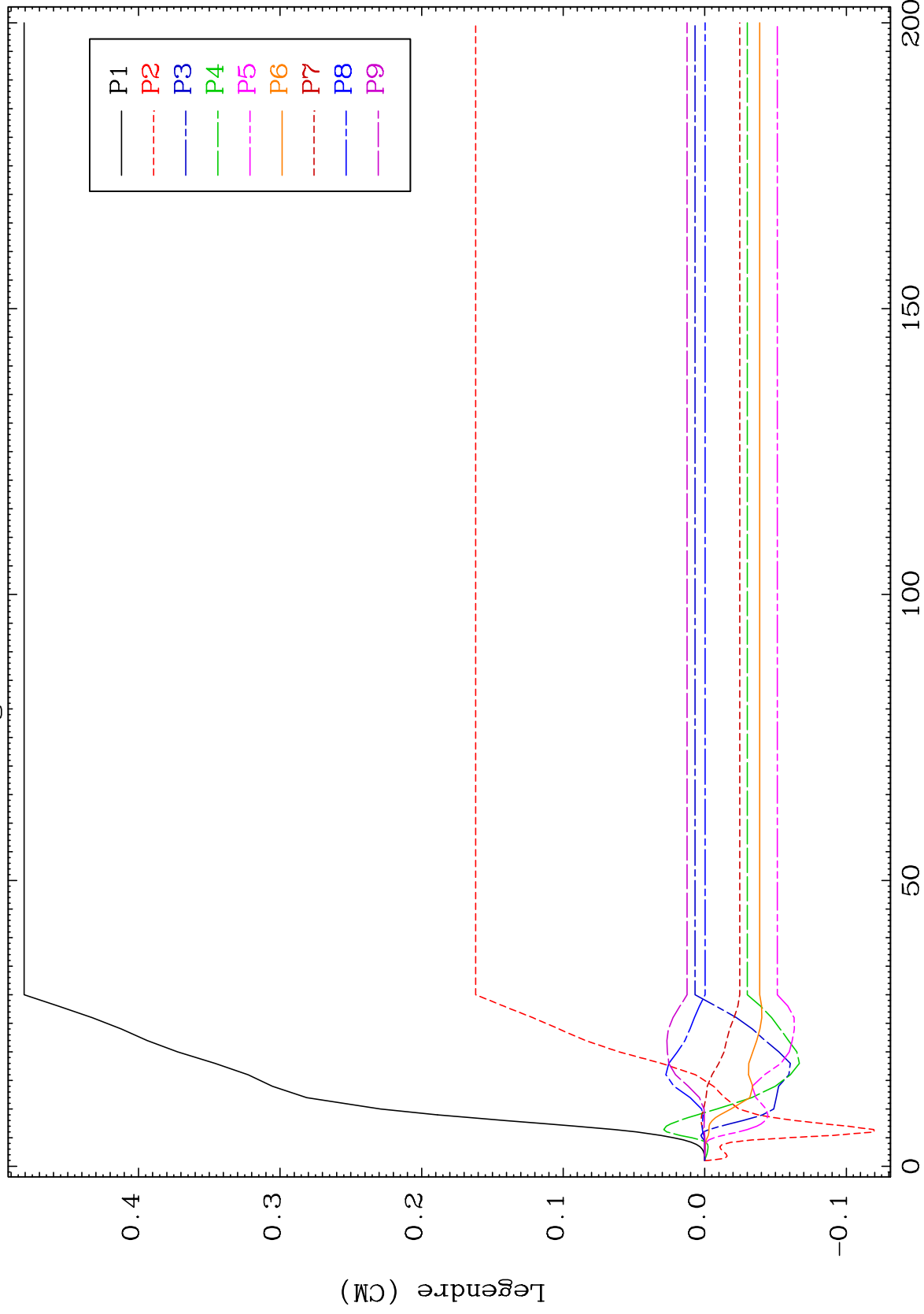
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



91

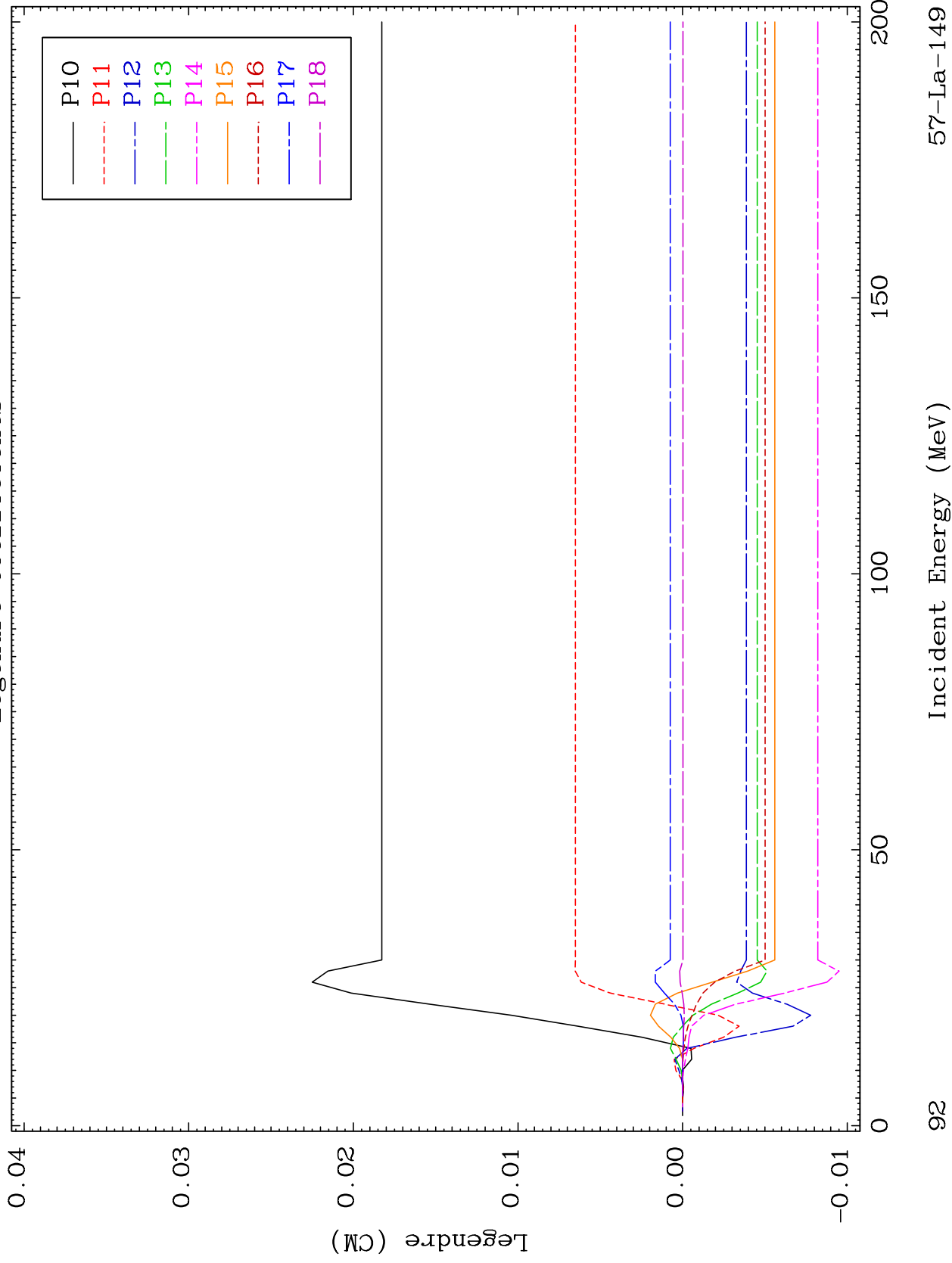
Incident Energy (MeV)

57-La-149

MAT 5758

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

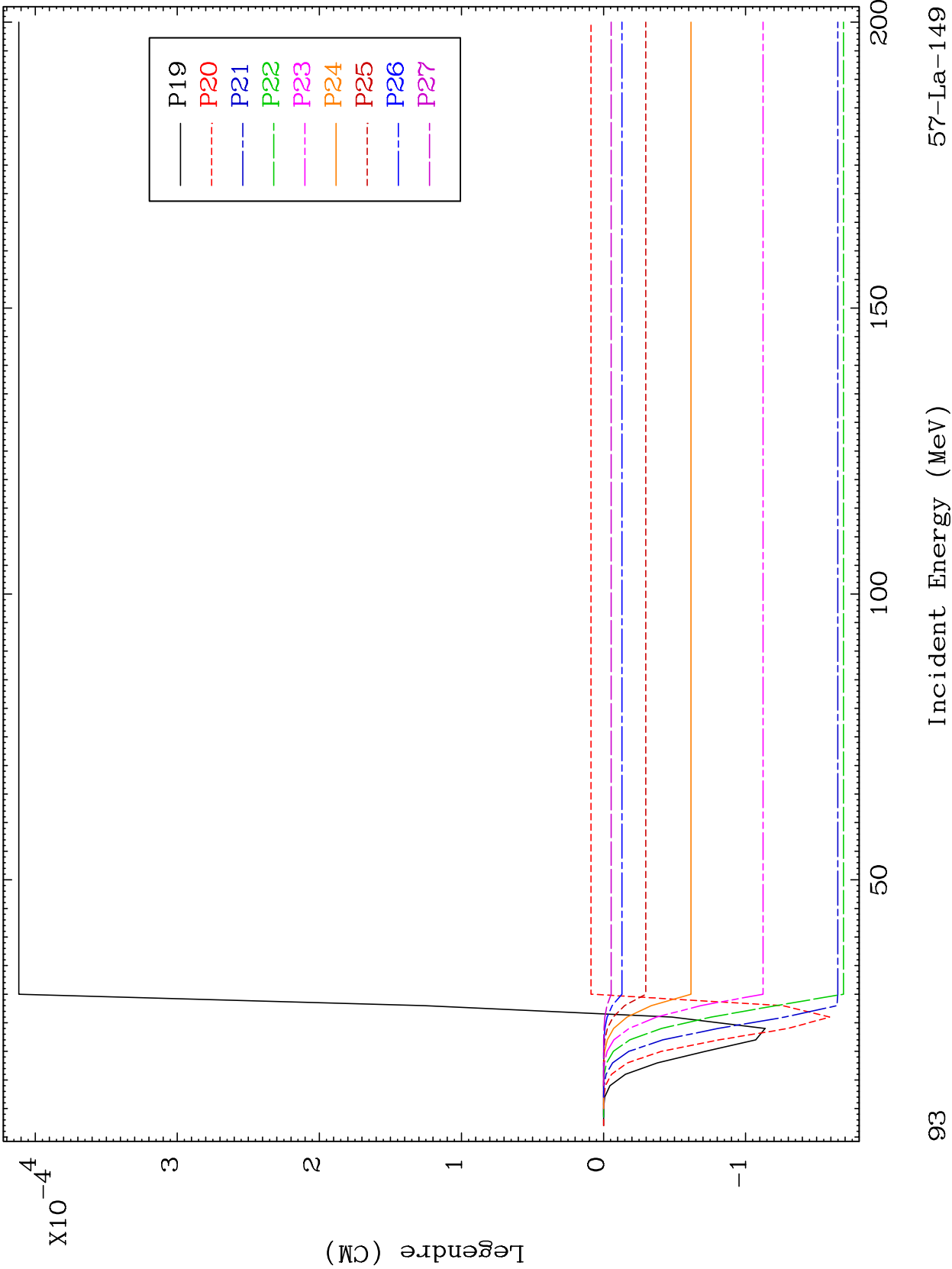
57-La-149

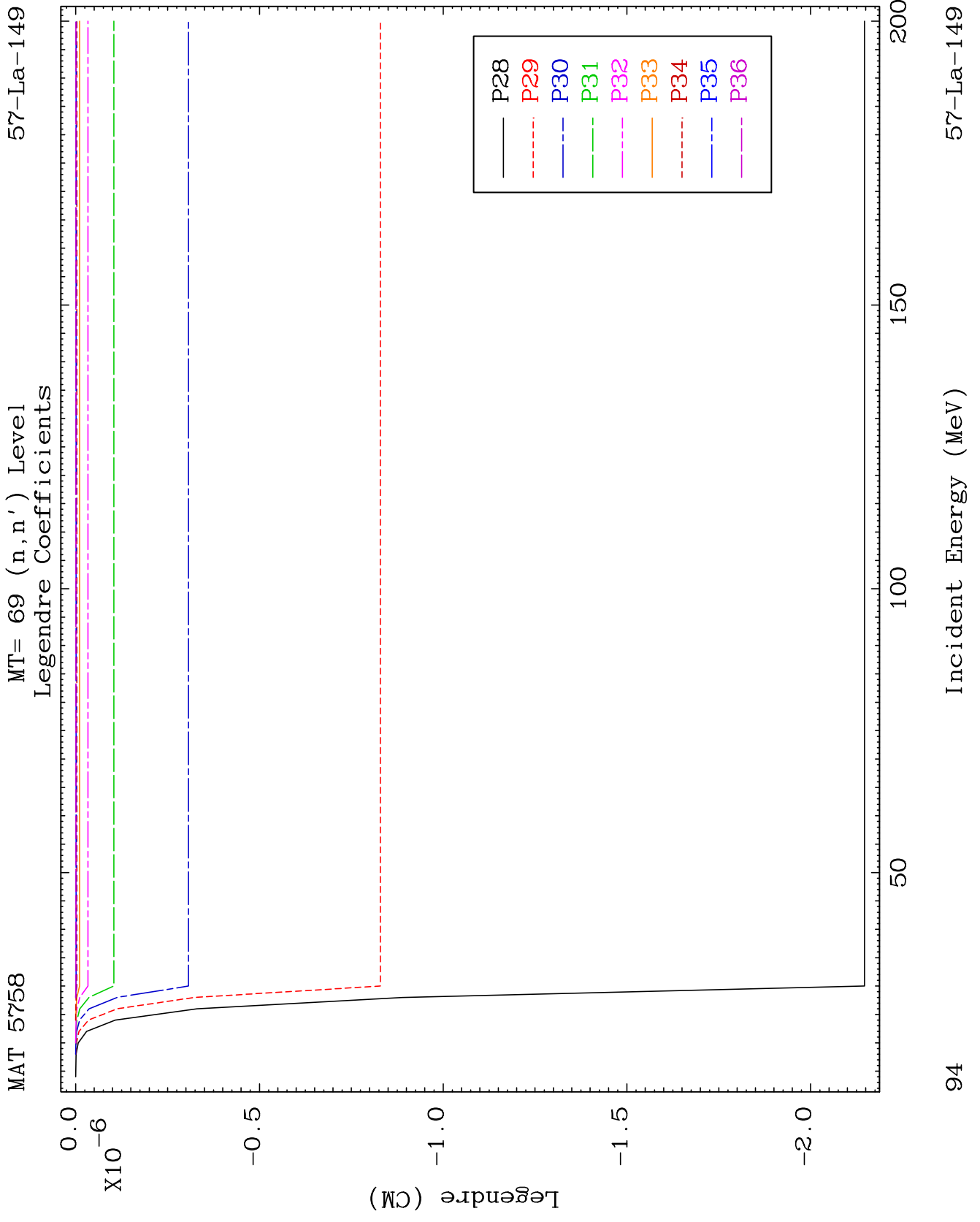


57-La-149

Incident Energy (MeV)

92

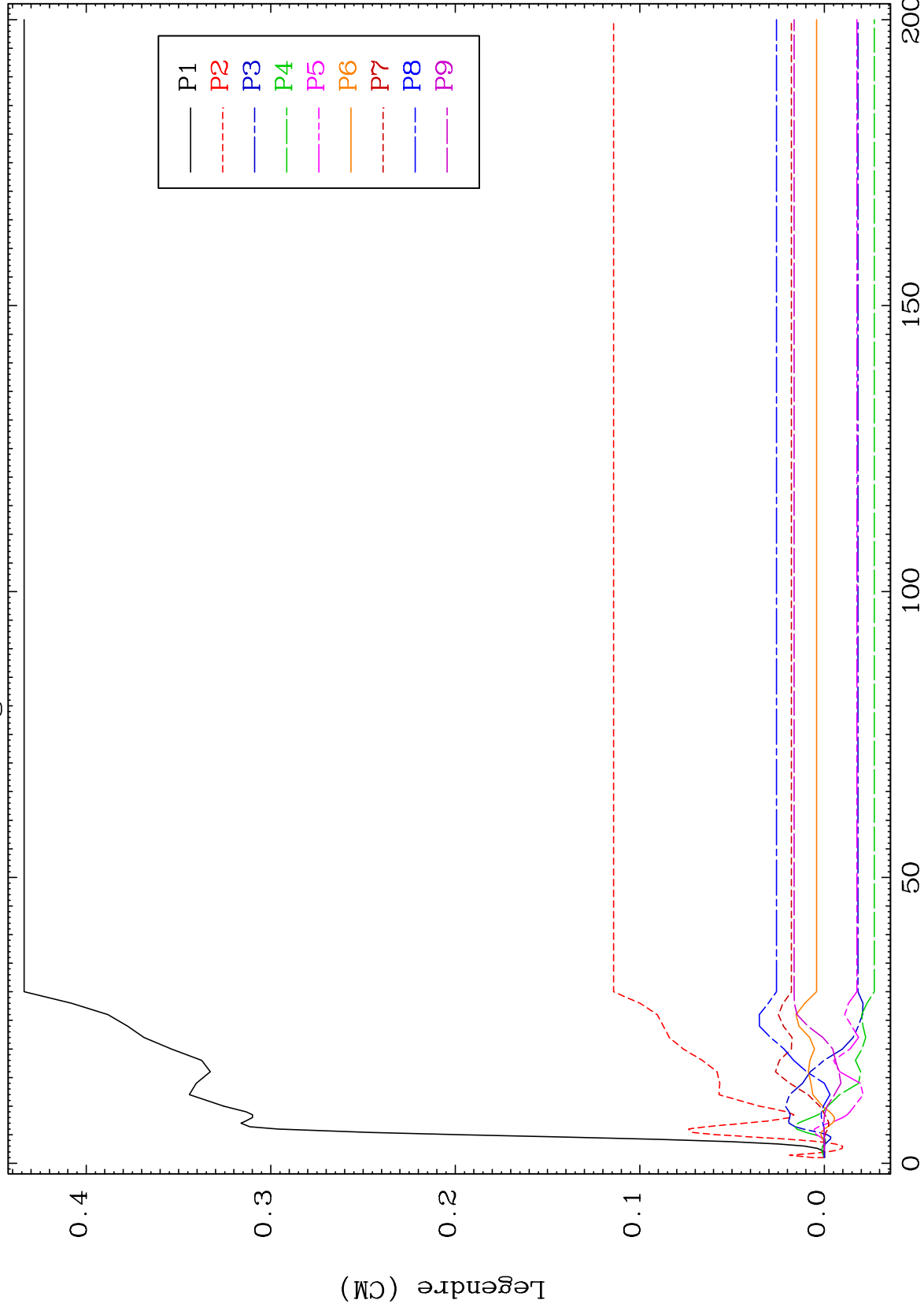




MAT 5758

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

57-La-149



57-La-149

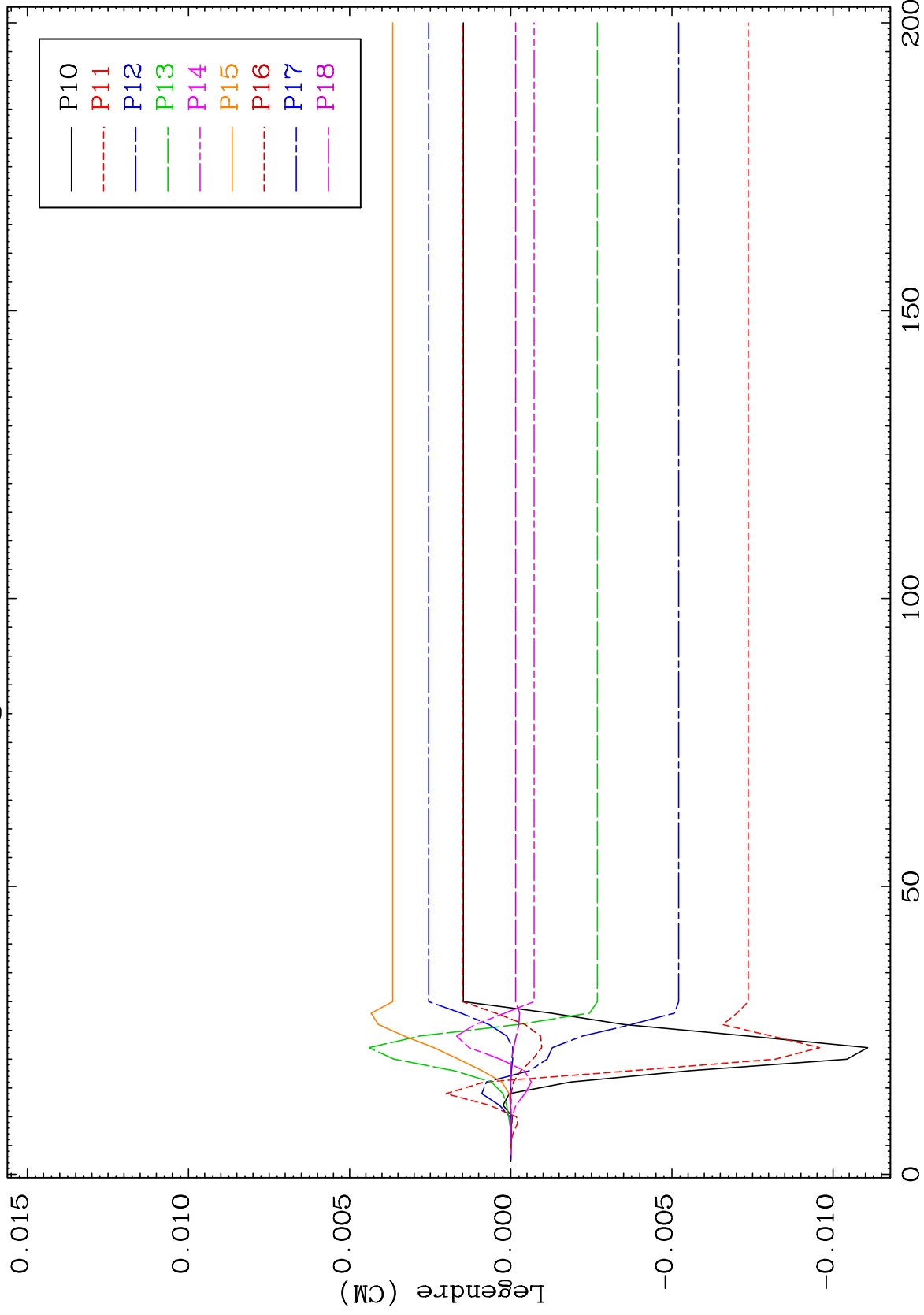
Incident Energy (MeV)

95

MAT 5758

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

57-La-149



96

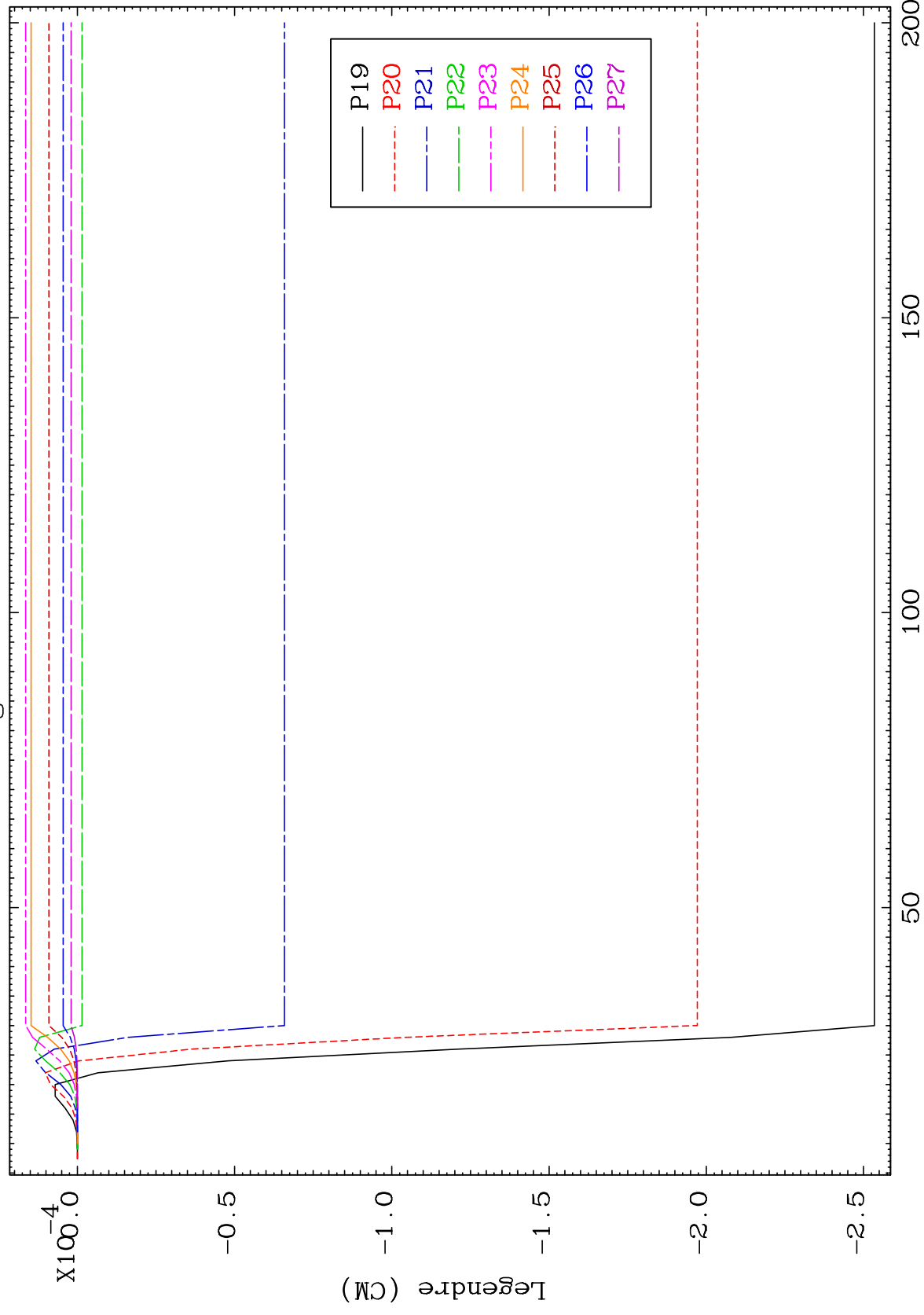
Incident Energy (MeV)

57-La-149

MAT 5758

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

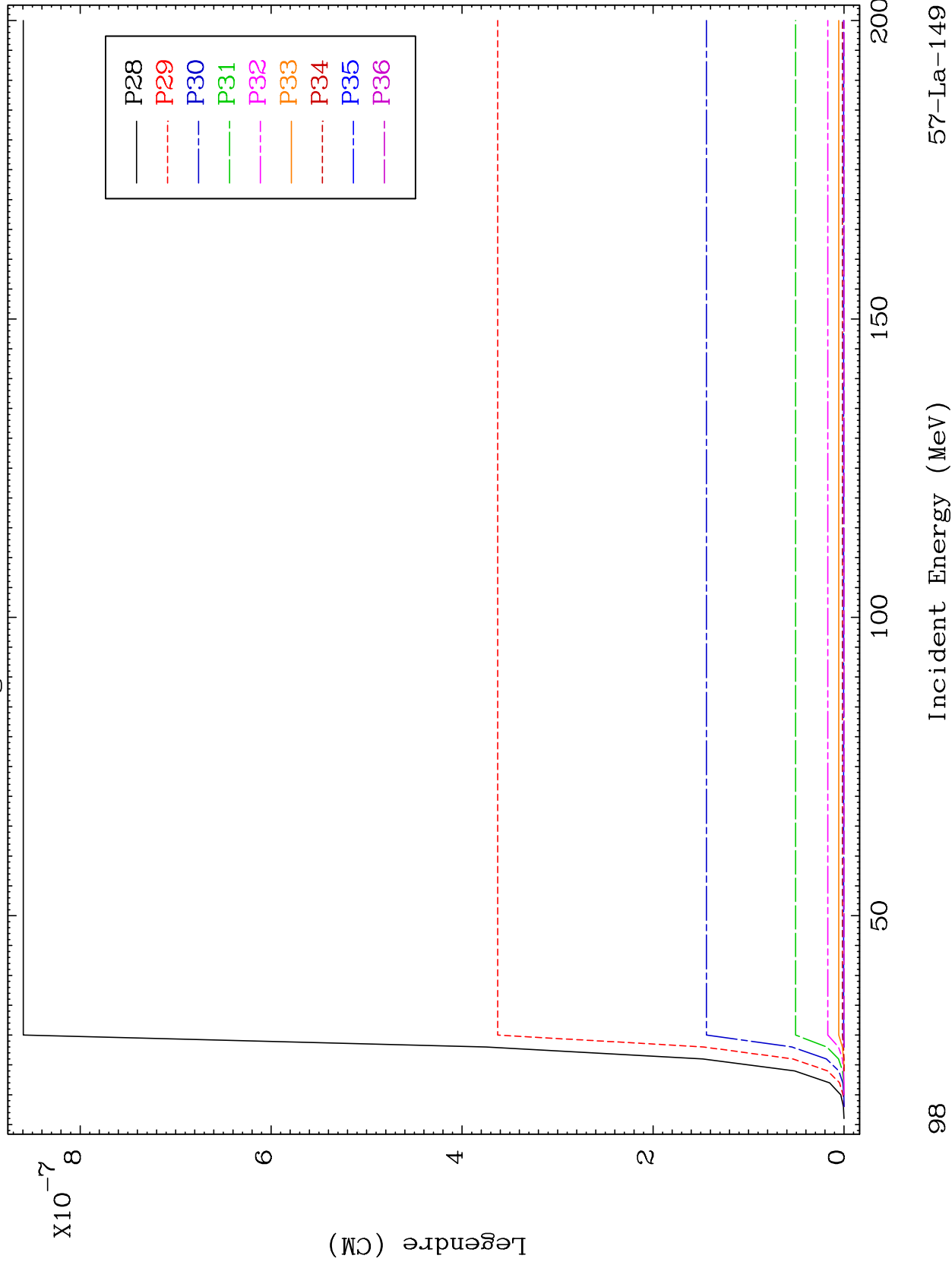
57-La-149



MAT 5758

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

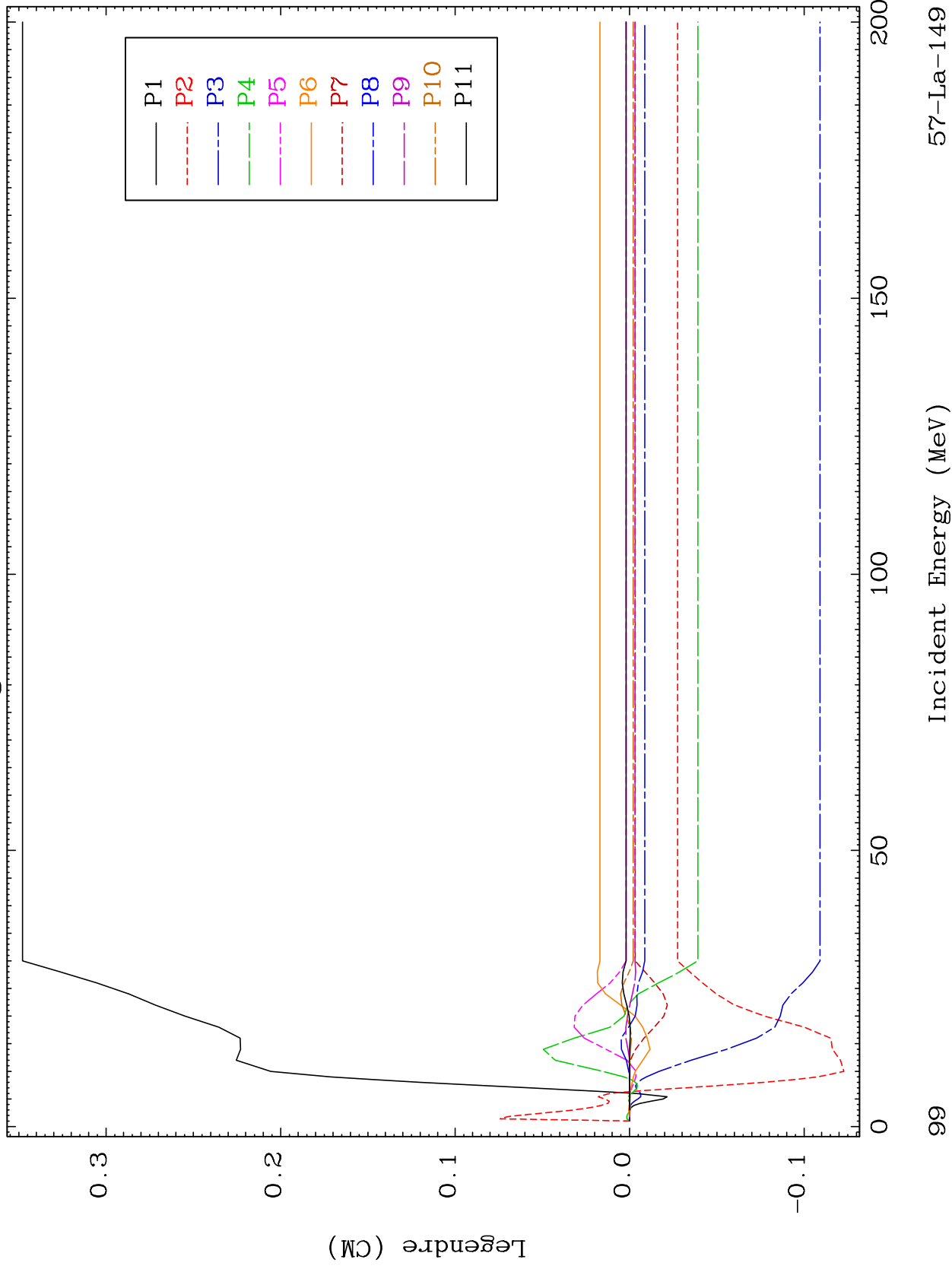
57-La-149



MAT 5758

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

57-La-149



57-La-149

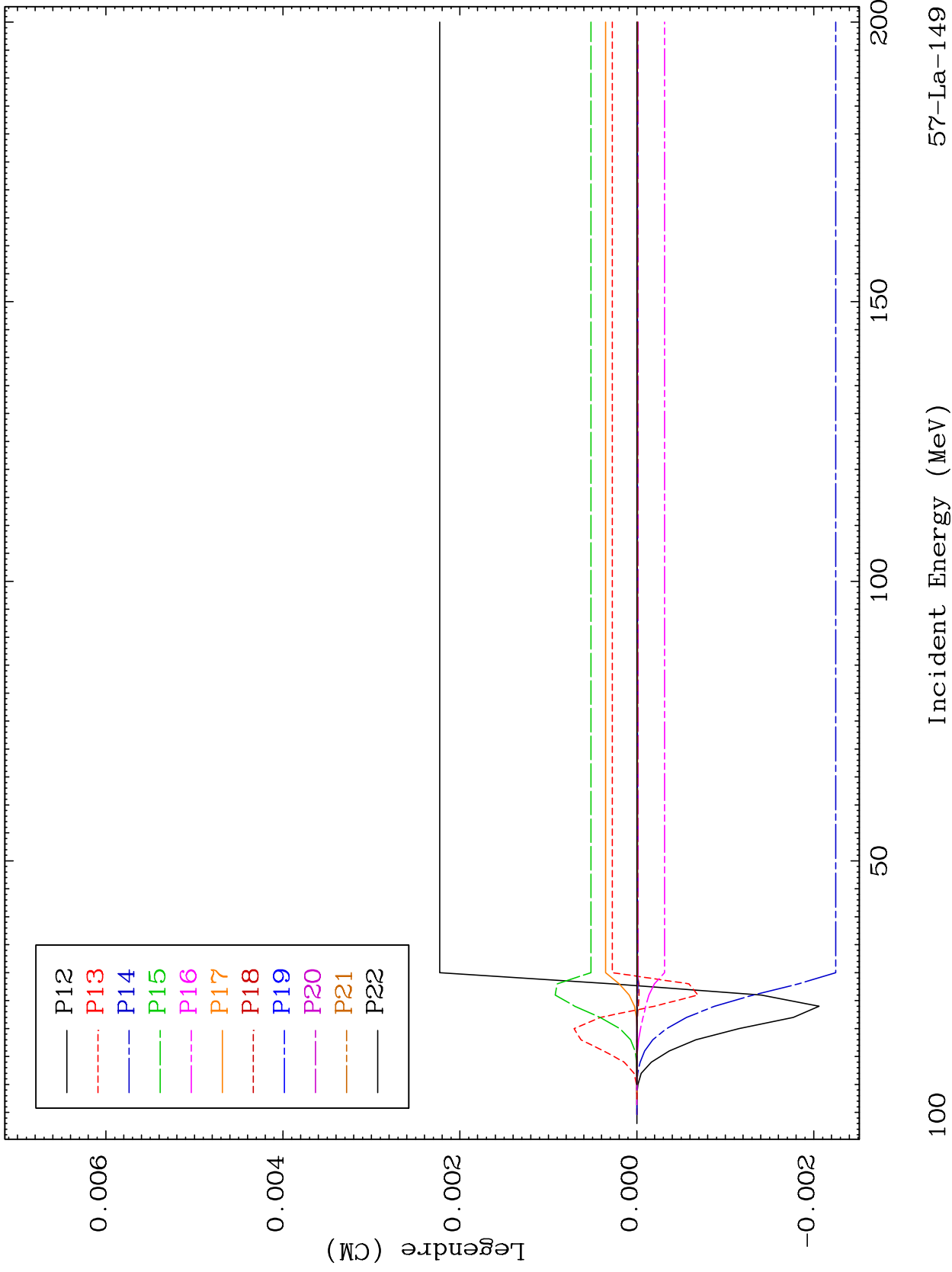
Incident Energy (MeV)

99

MAT 5758

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

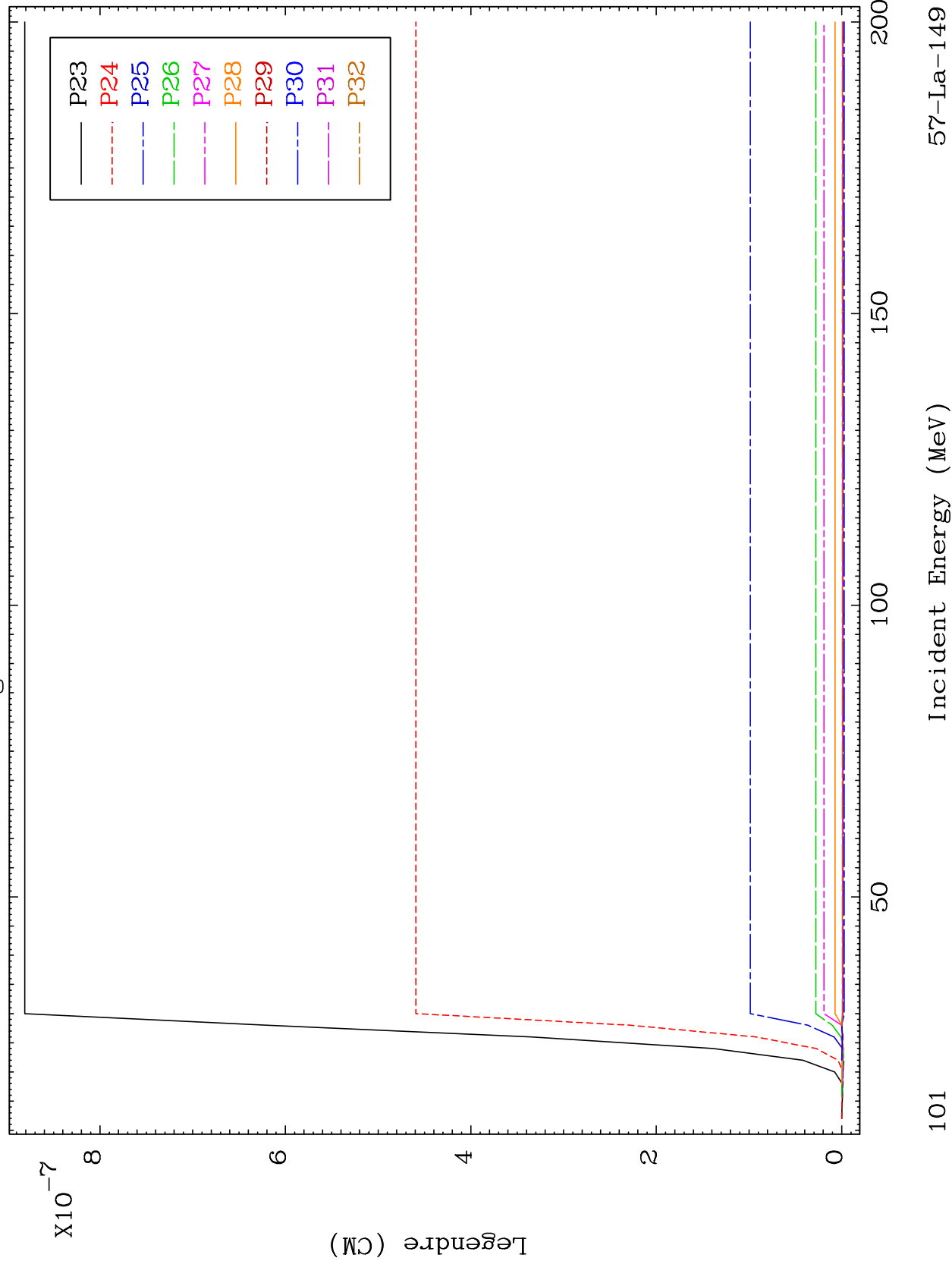
57-La-149



MAT 5758

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

57-La-149



101

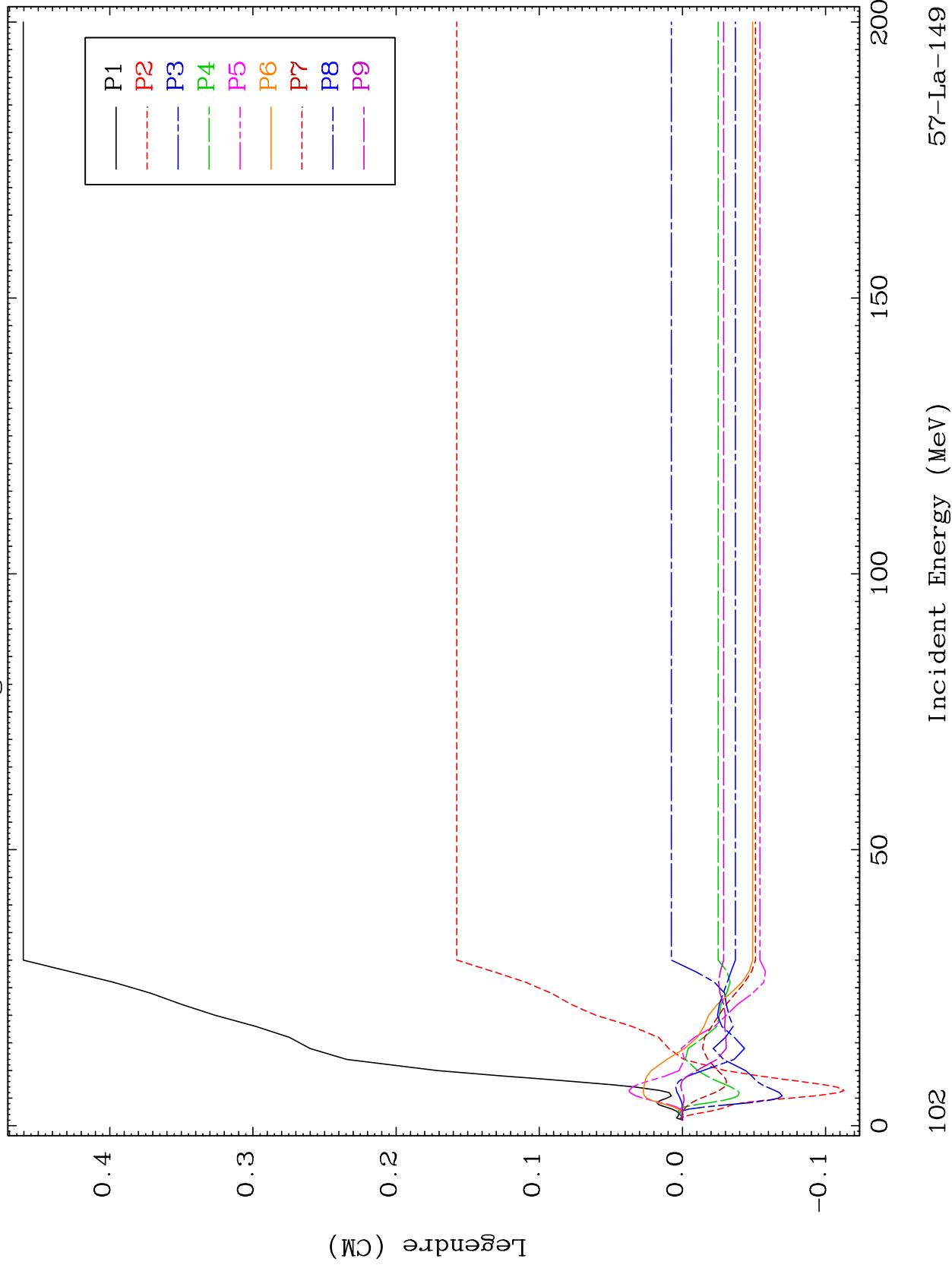
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

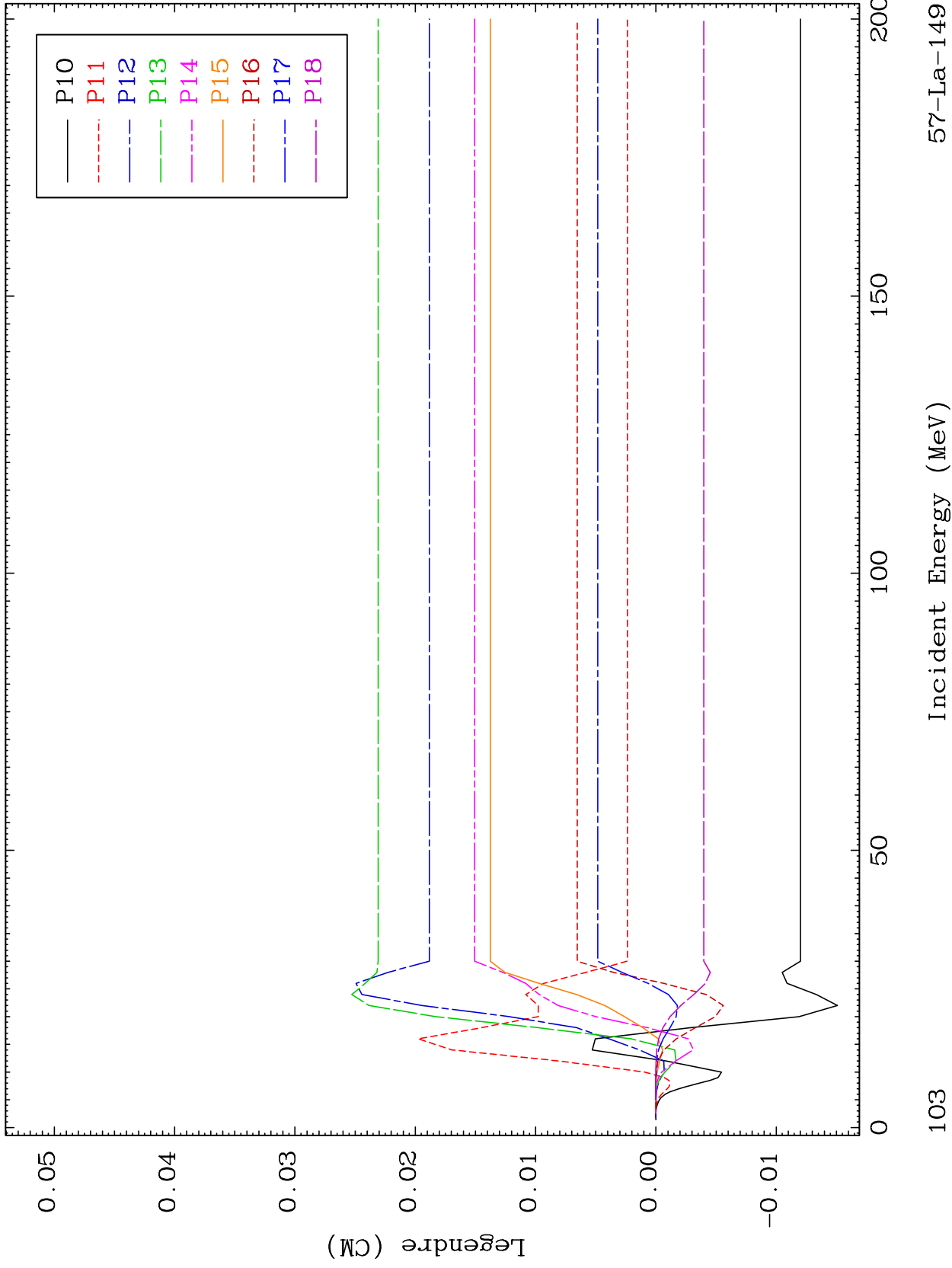
Incident Energy (MeV)

102

MAT 5758

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

57-La-149



57-La-149

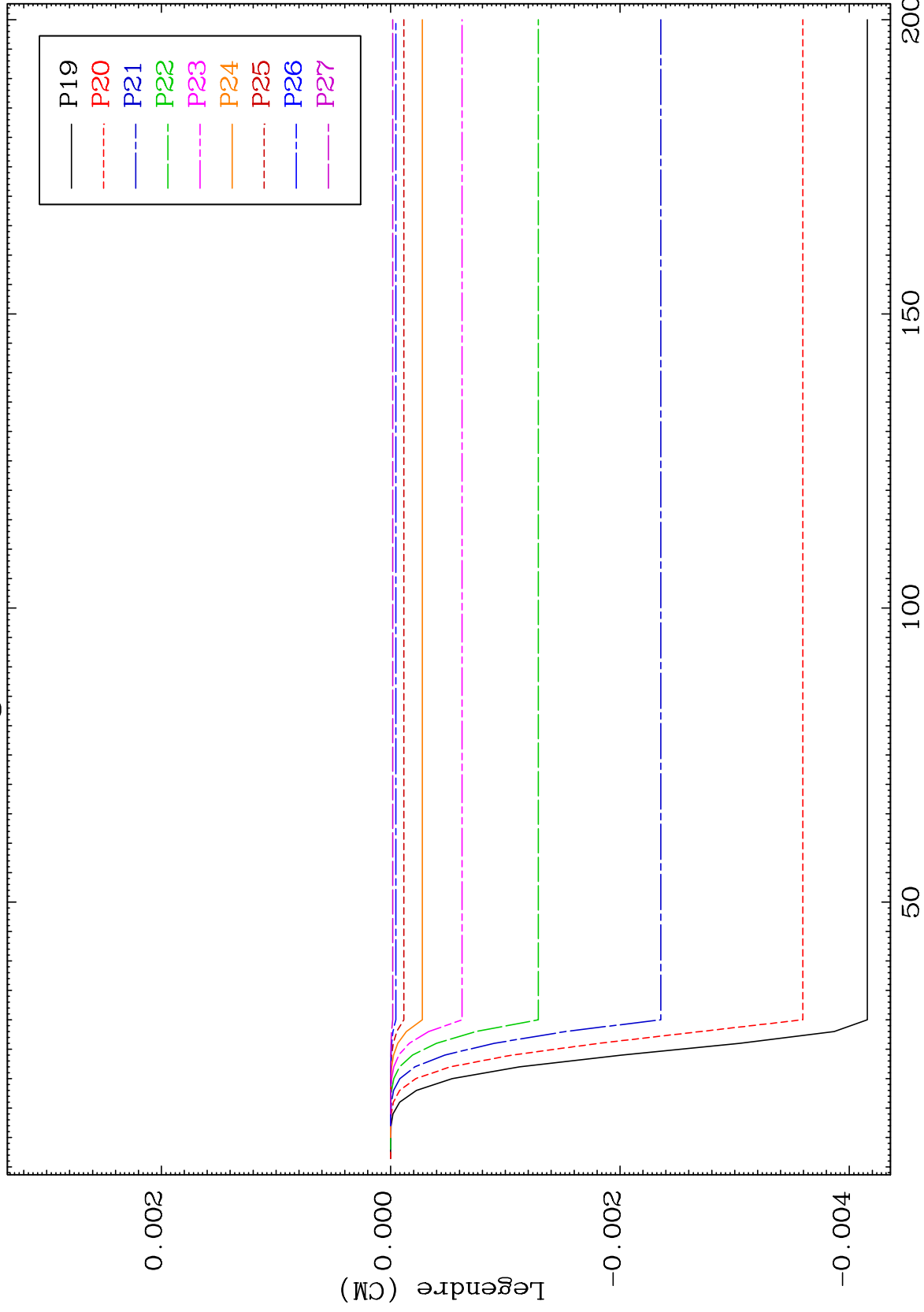
Incident Energy (MeV)

103

MAT 5758

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

57-La-149



104

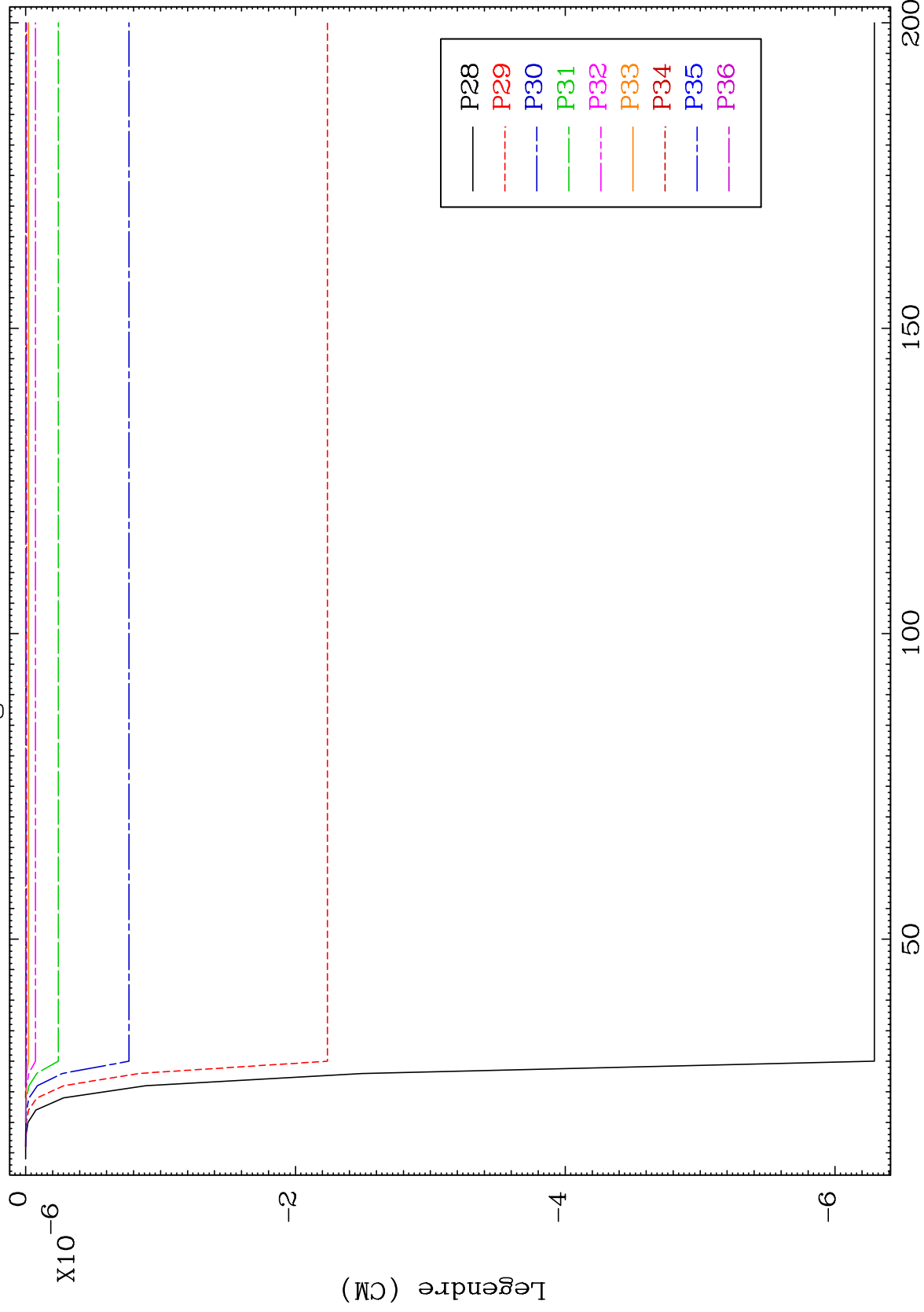
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



105

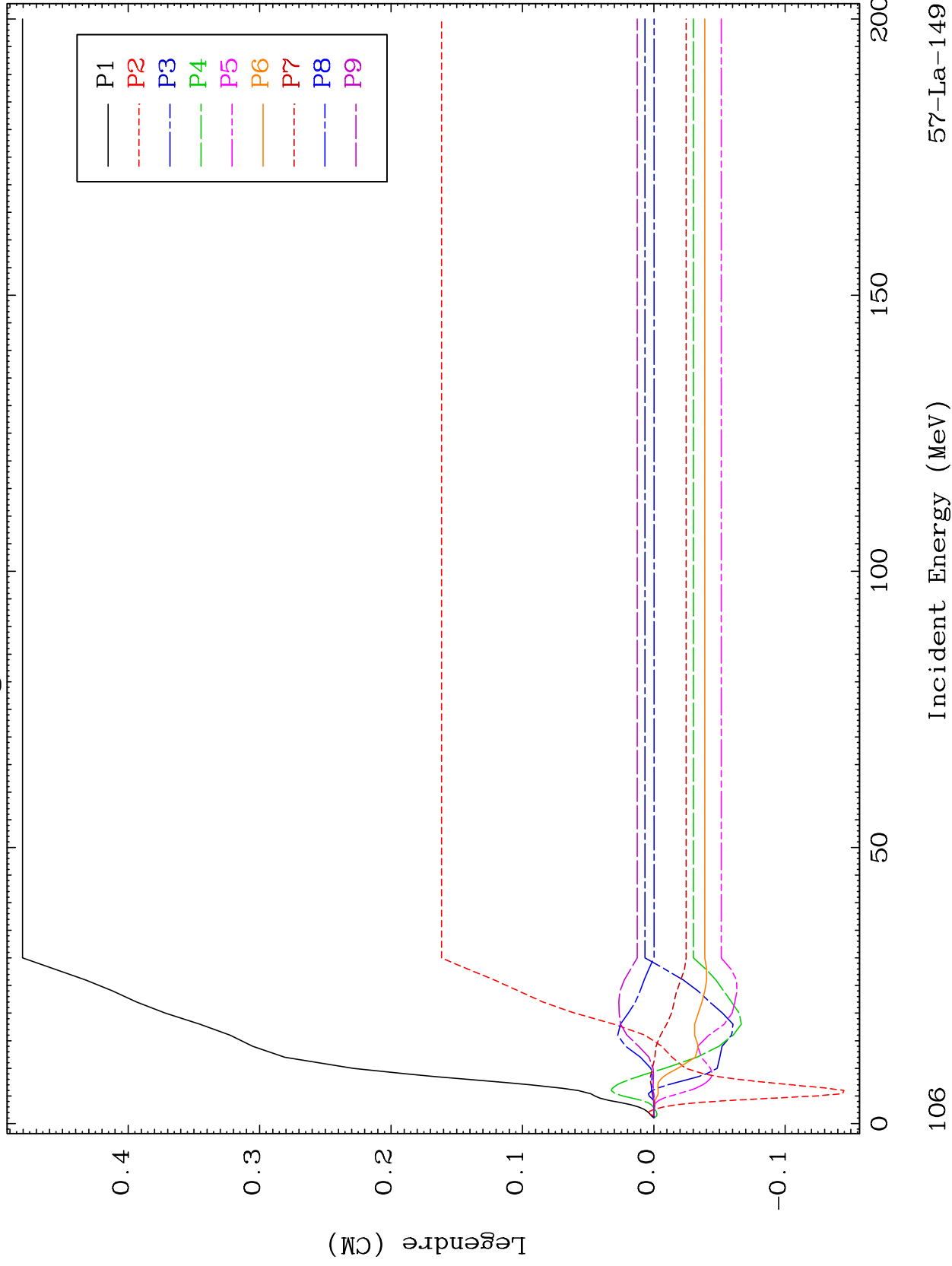
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

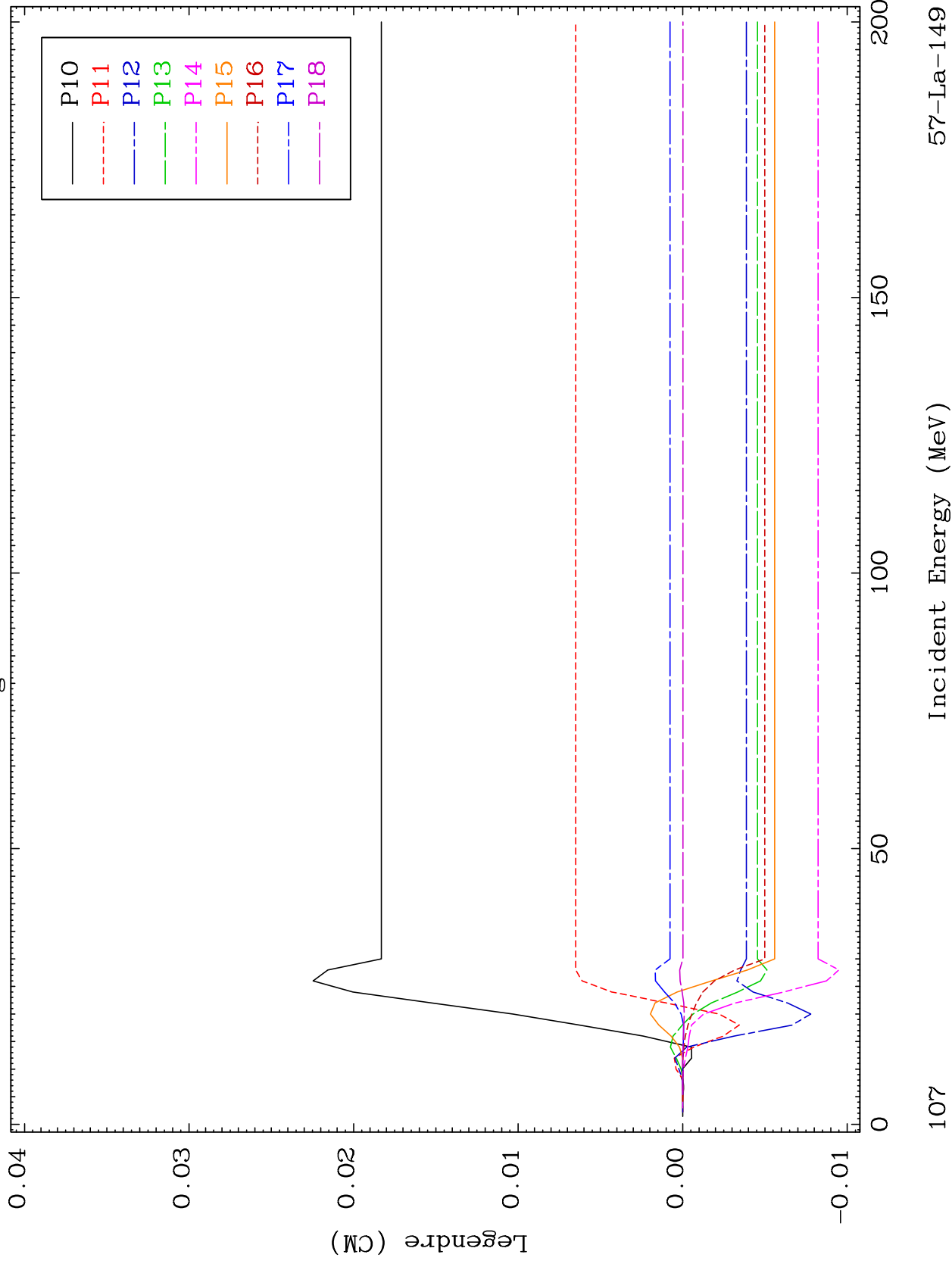
Incident Energy (MeV)

106

MAT 5758

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

57-La-149



57-La-149

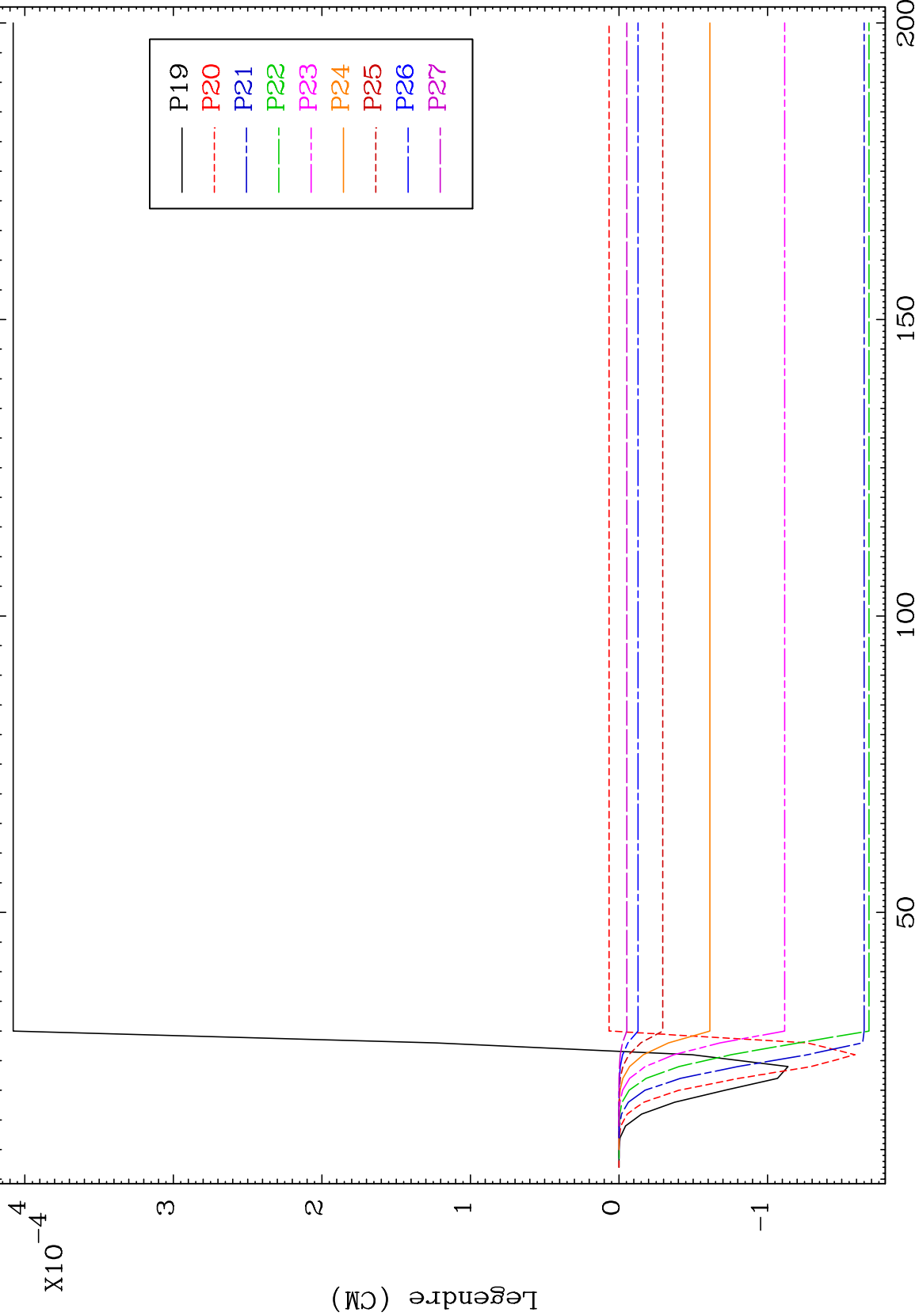
Incident Energy (MeV)

107

MAT 5758

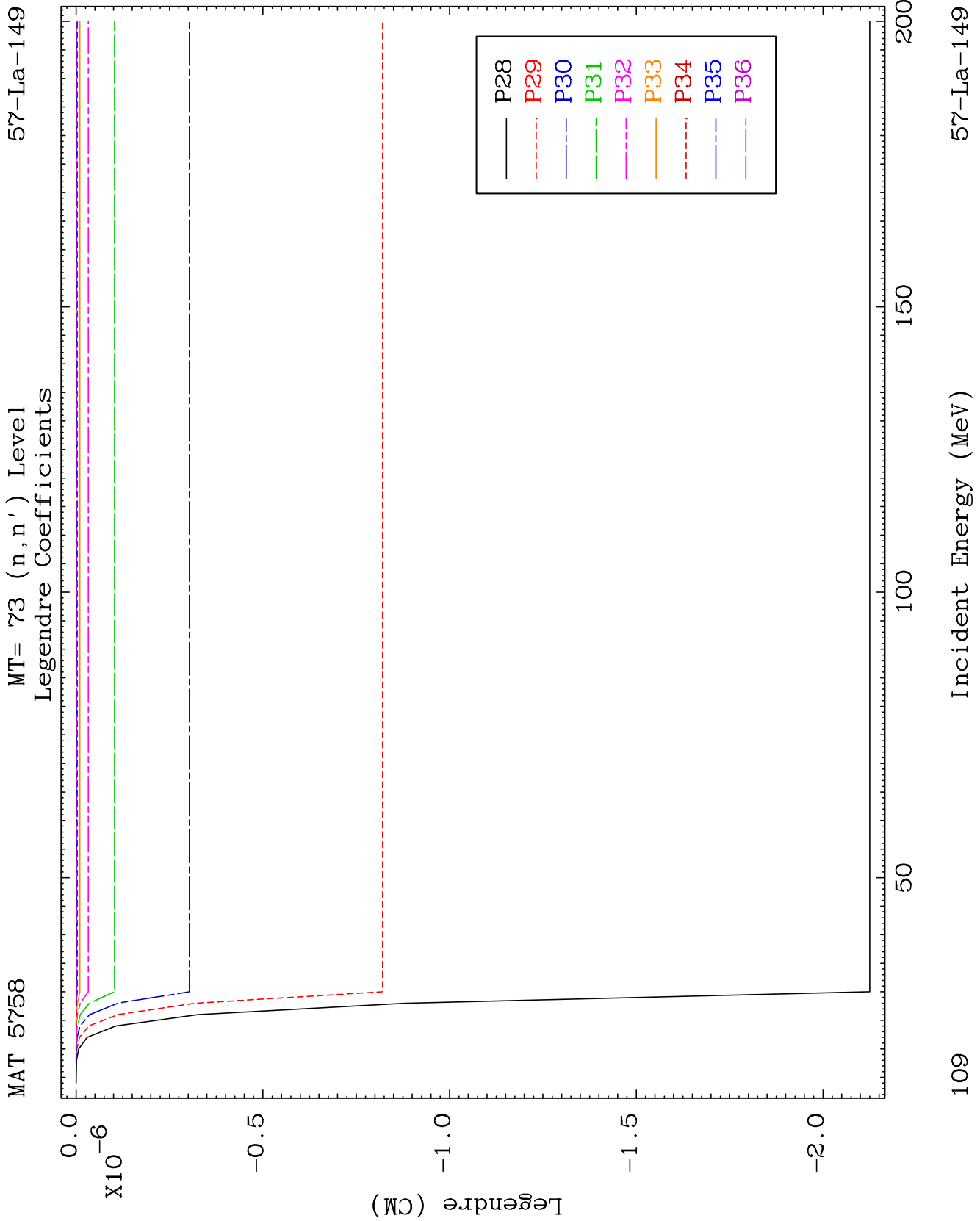
MT= 73 (n,n') Level
Legendre Coefficients

57-La-149



108

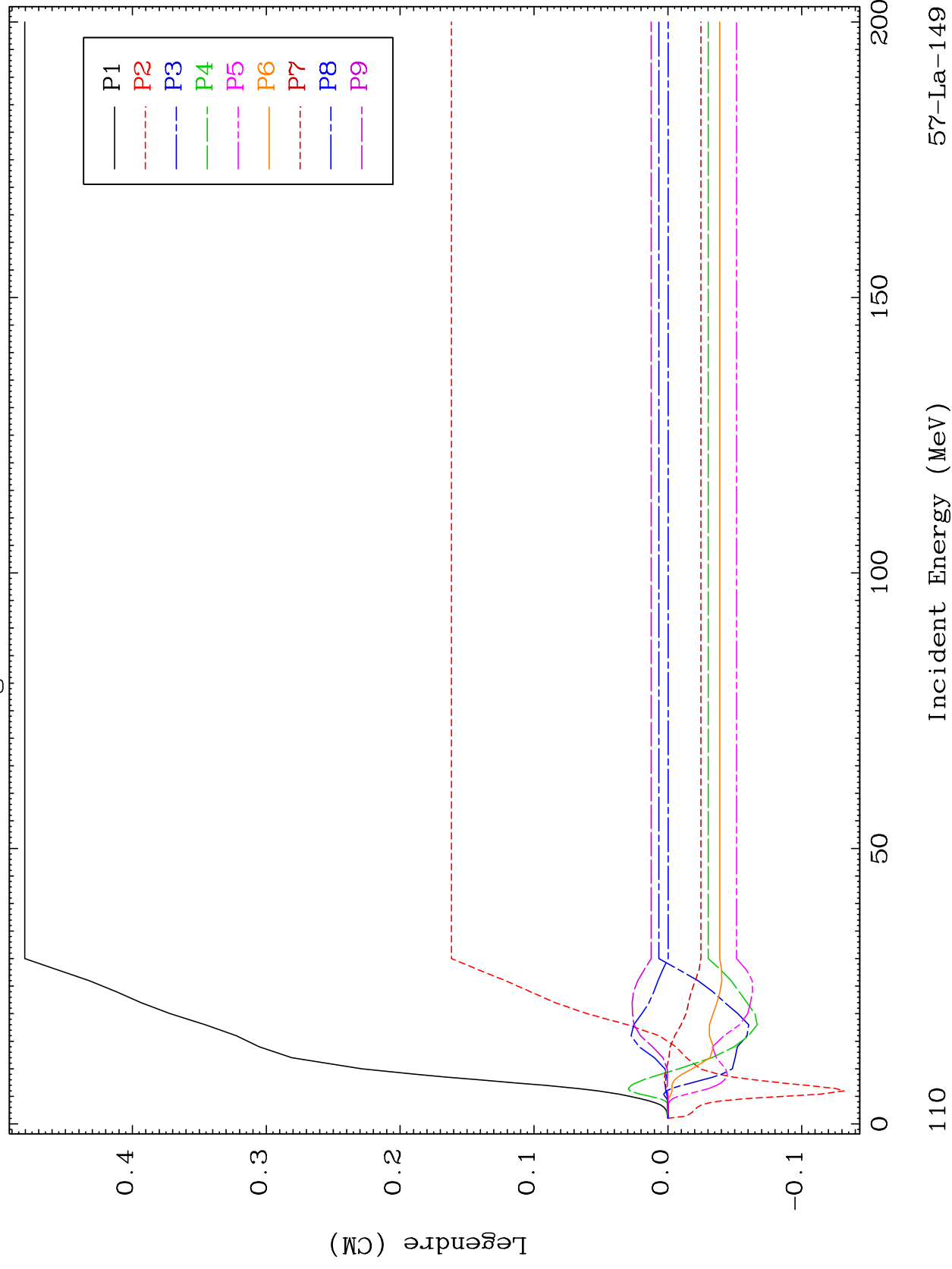
57-La-149



MAT 5758

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

57-La-149



57-La-149

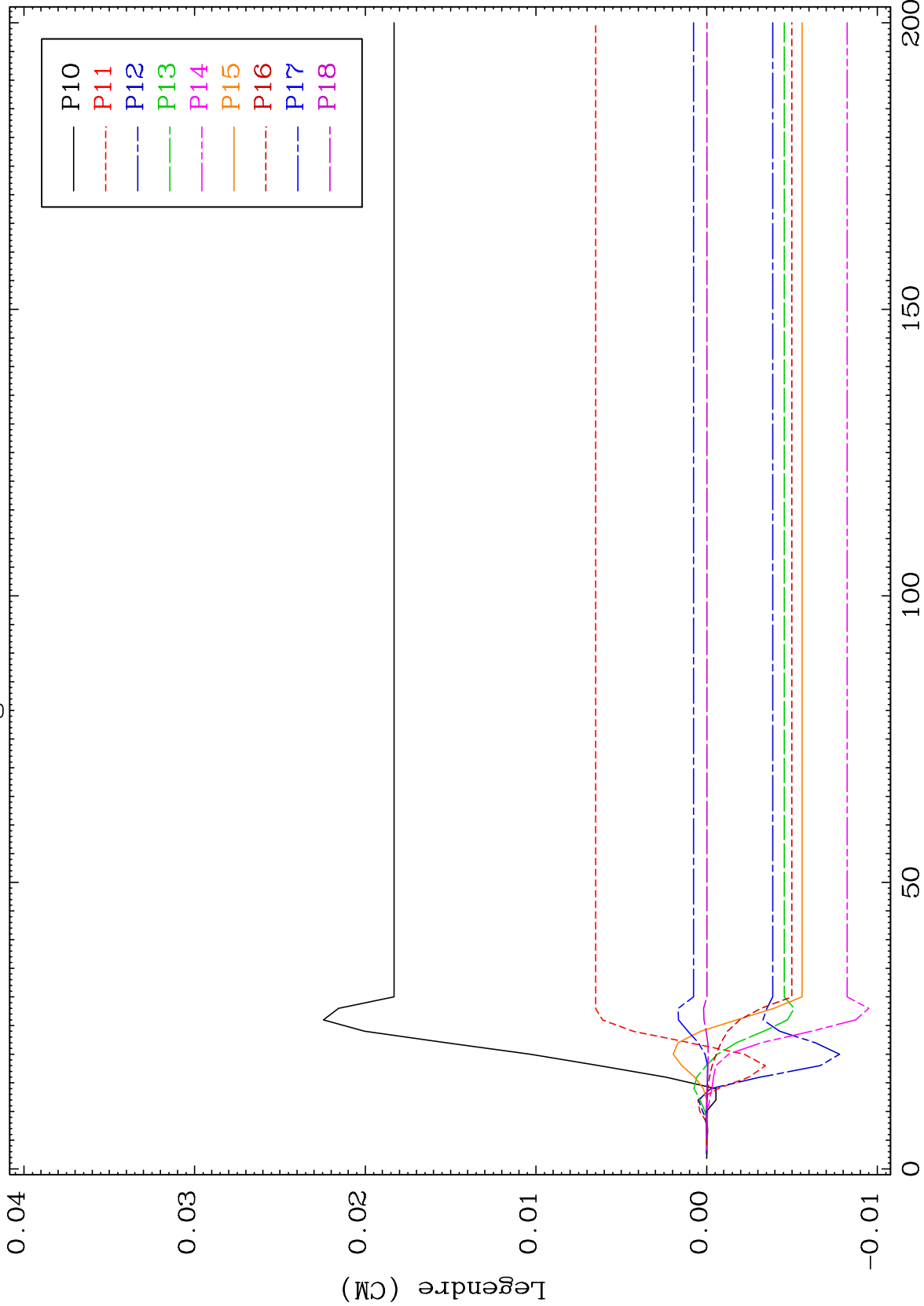
Incident Energy (MeV)

110

MAT 5758

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

57-La-149



57-La-149

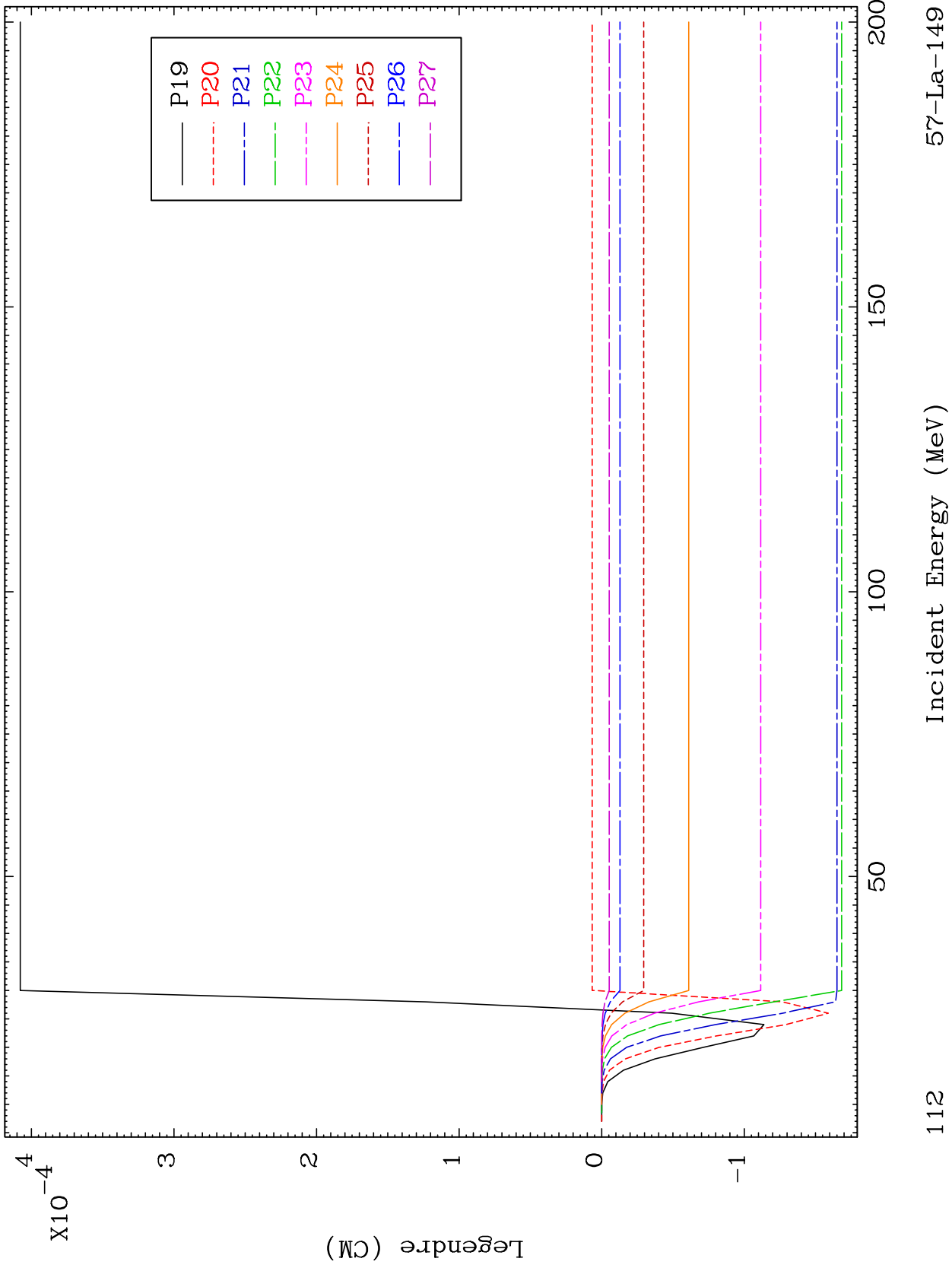
Incident Energy (MeV)

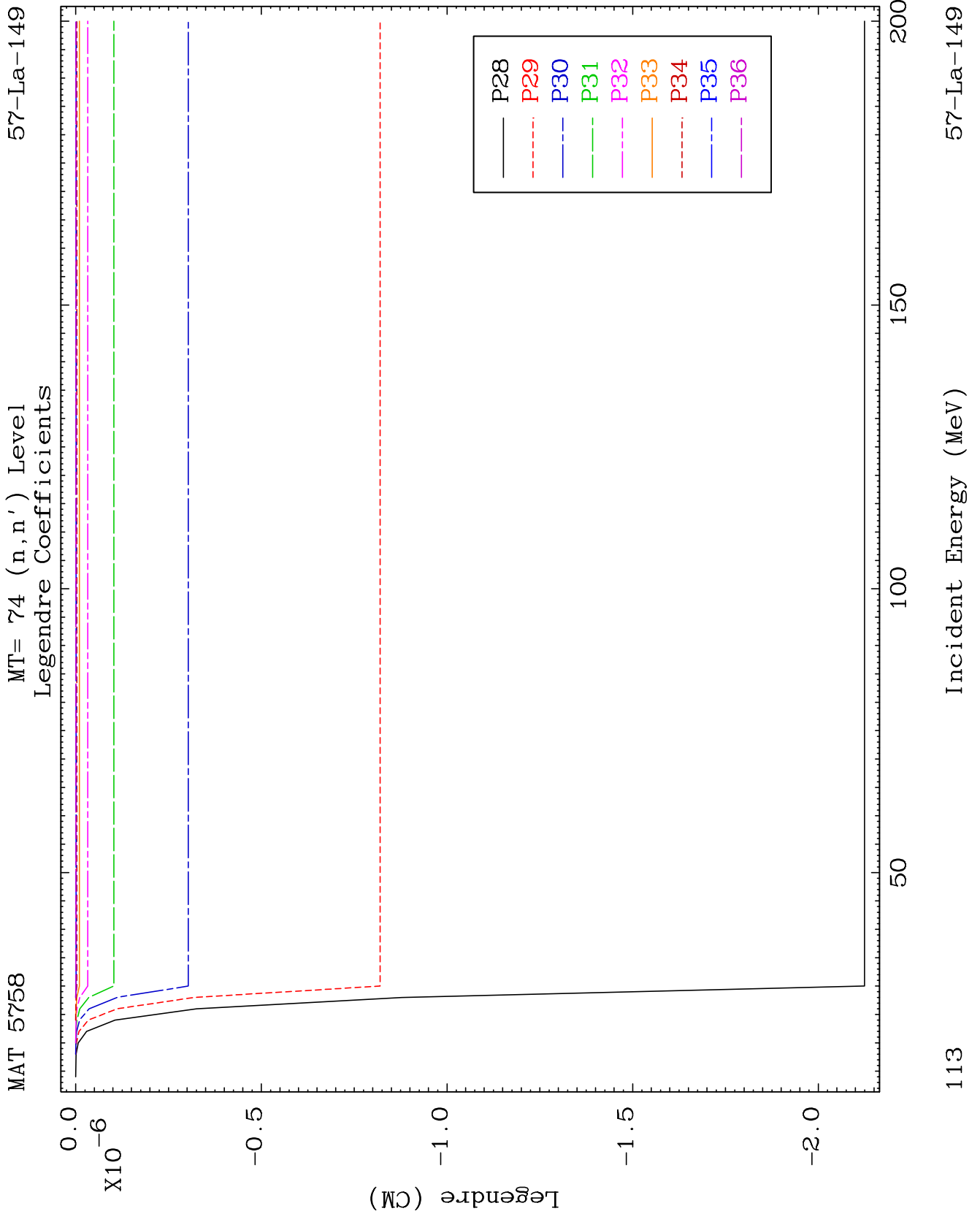
111

MAT 5758

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

57-La-149

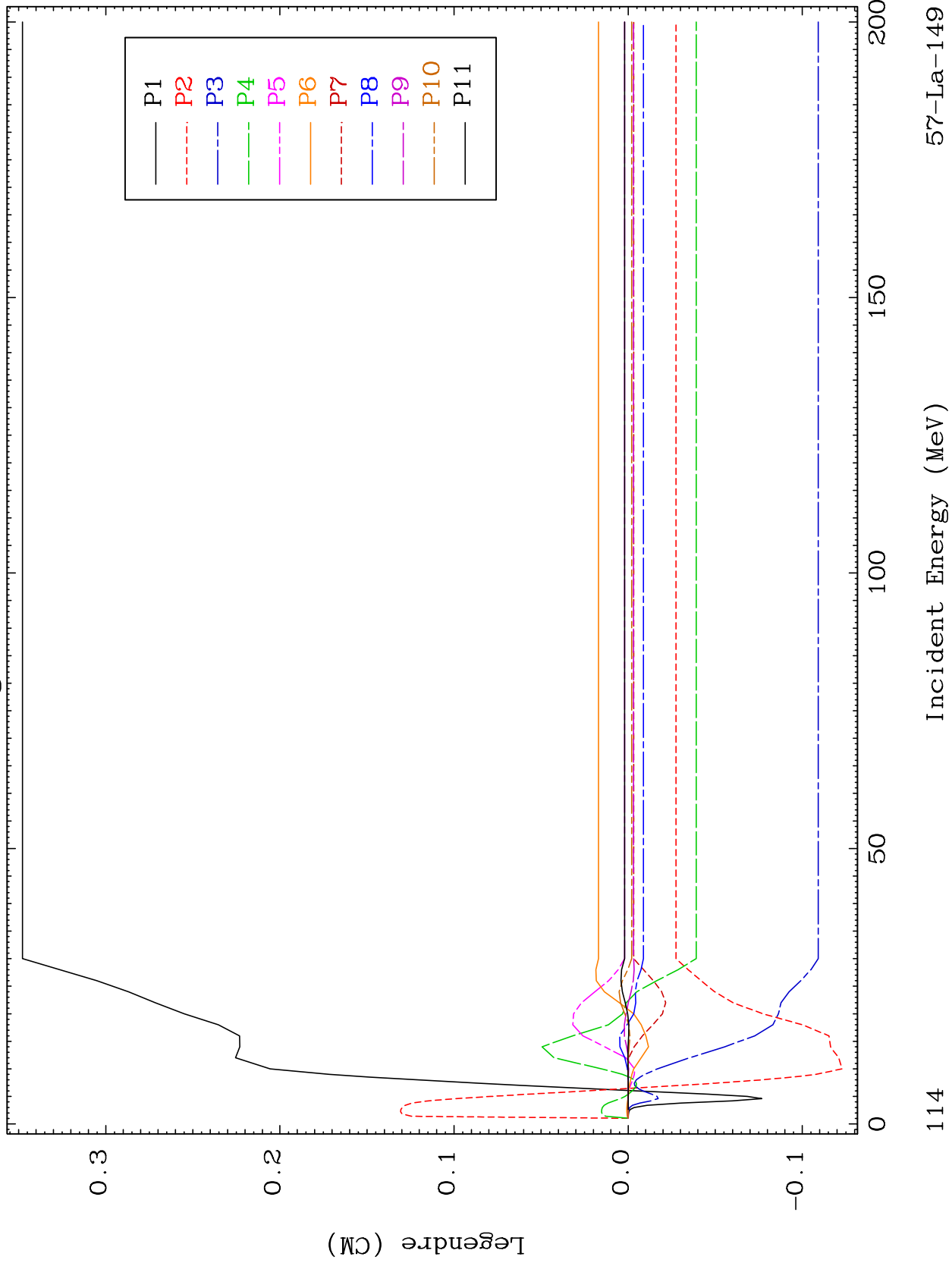




MAT 5758

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

57-La-149



57-La-149

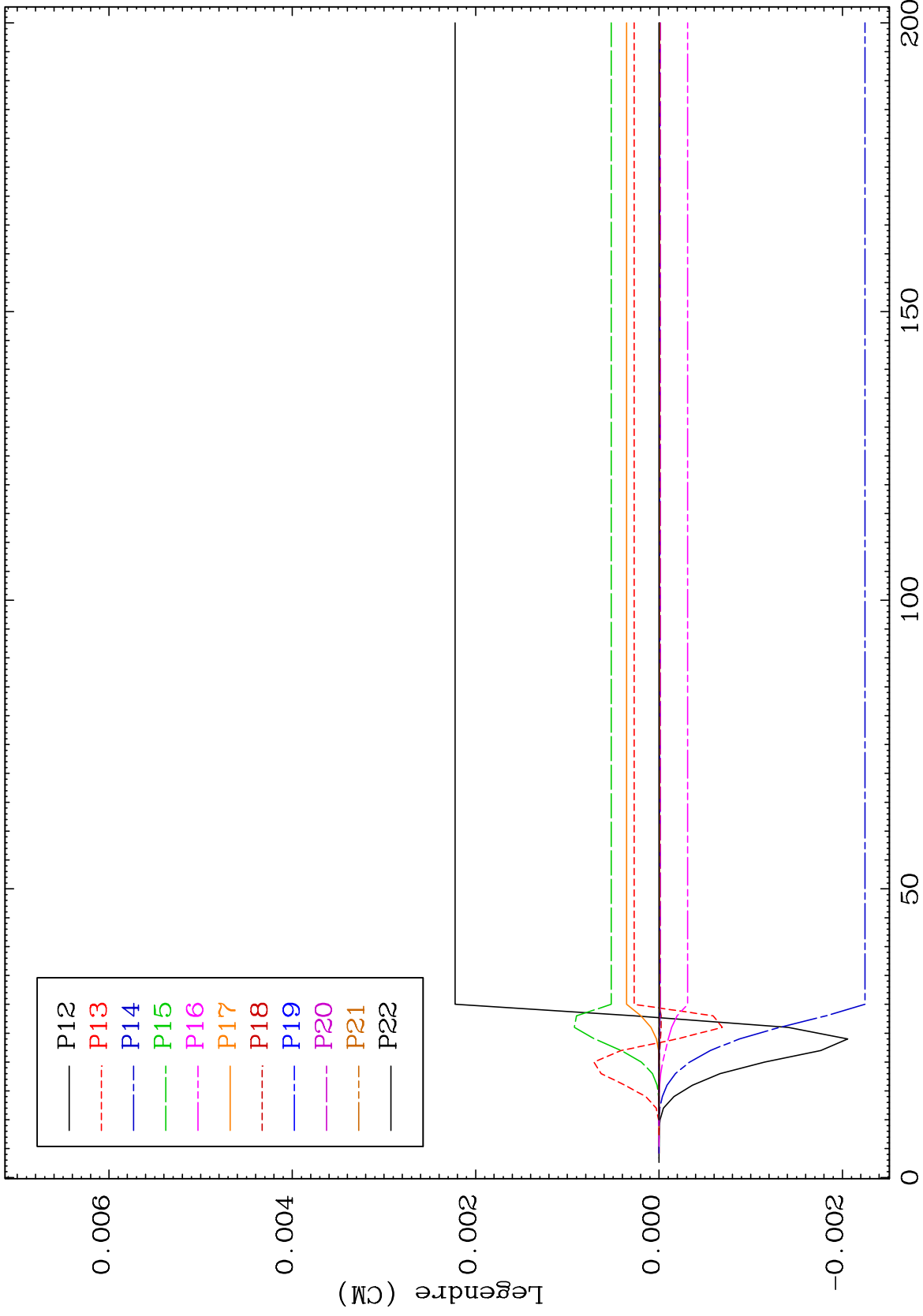
Incident Energy (MeV)

114

MAT 5758

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

57-La-149



115

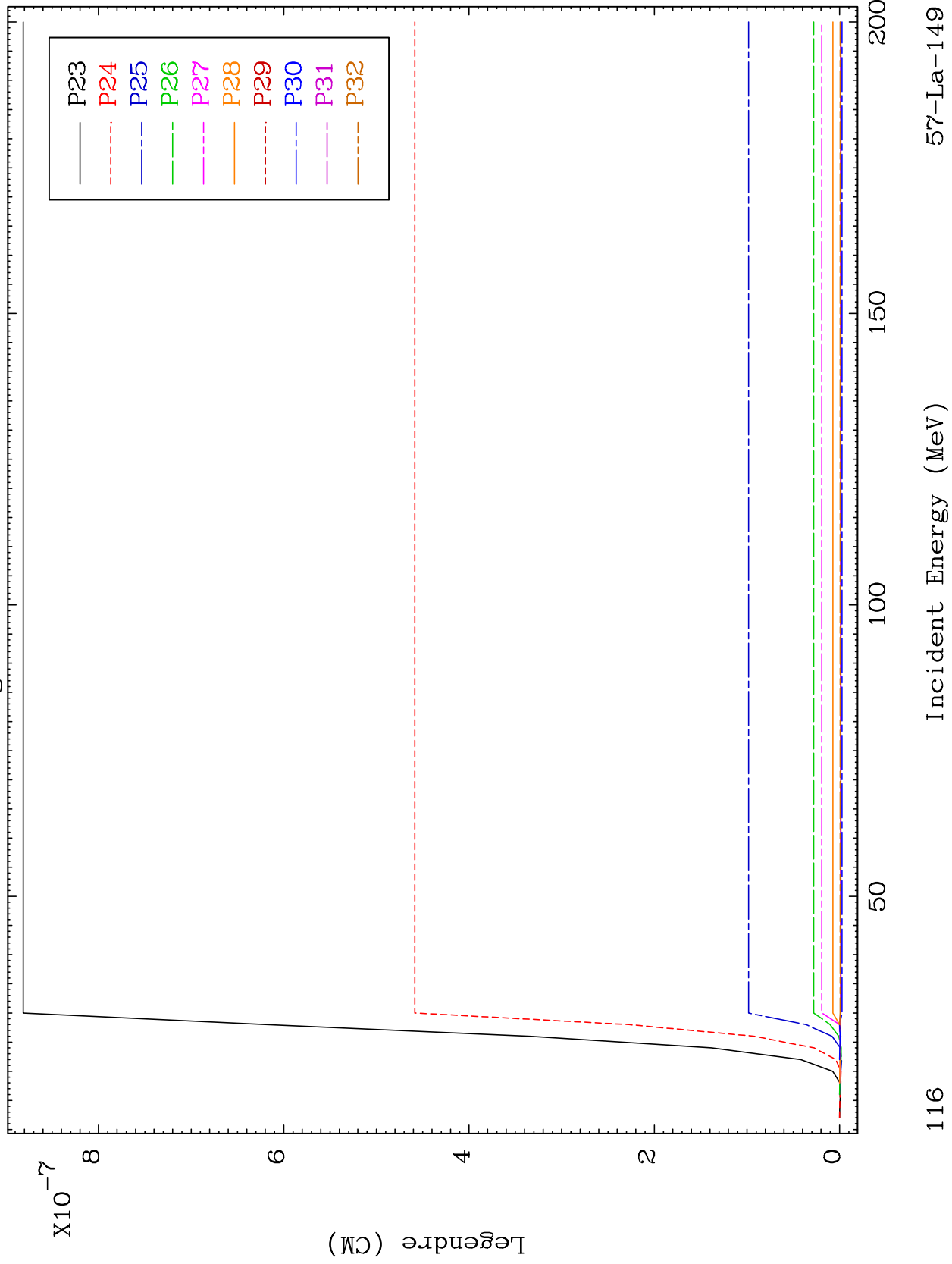
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



116

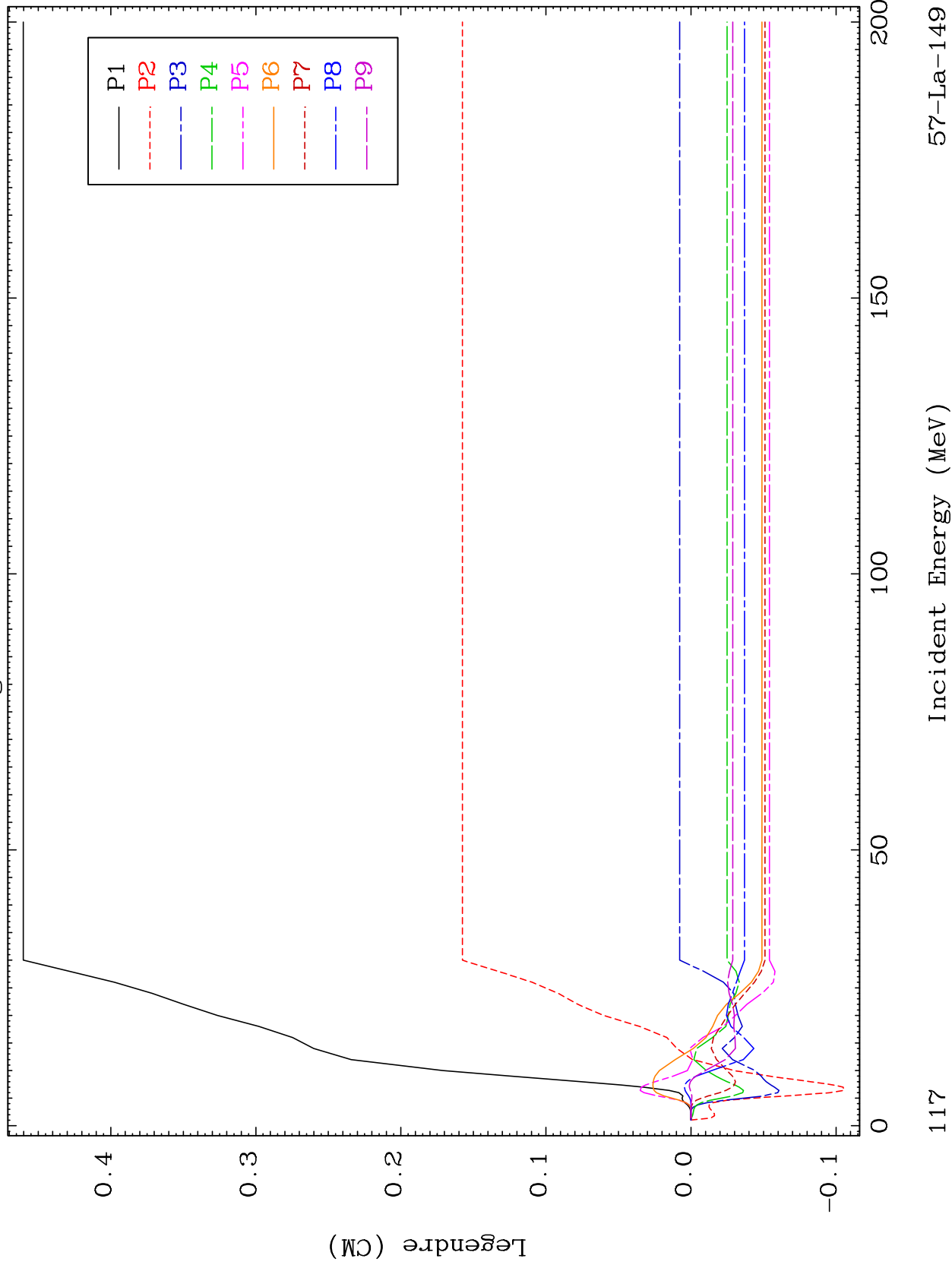
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

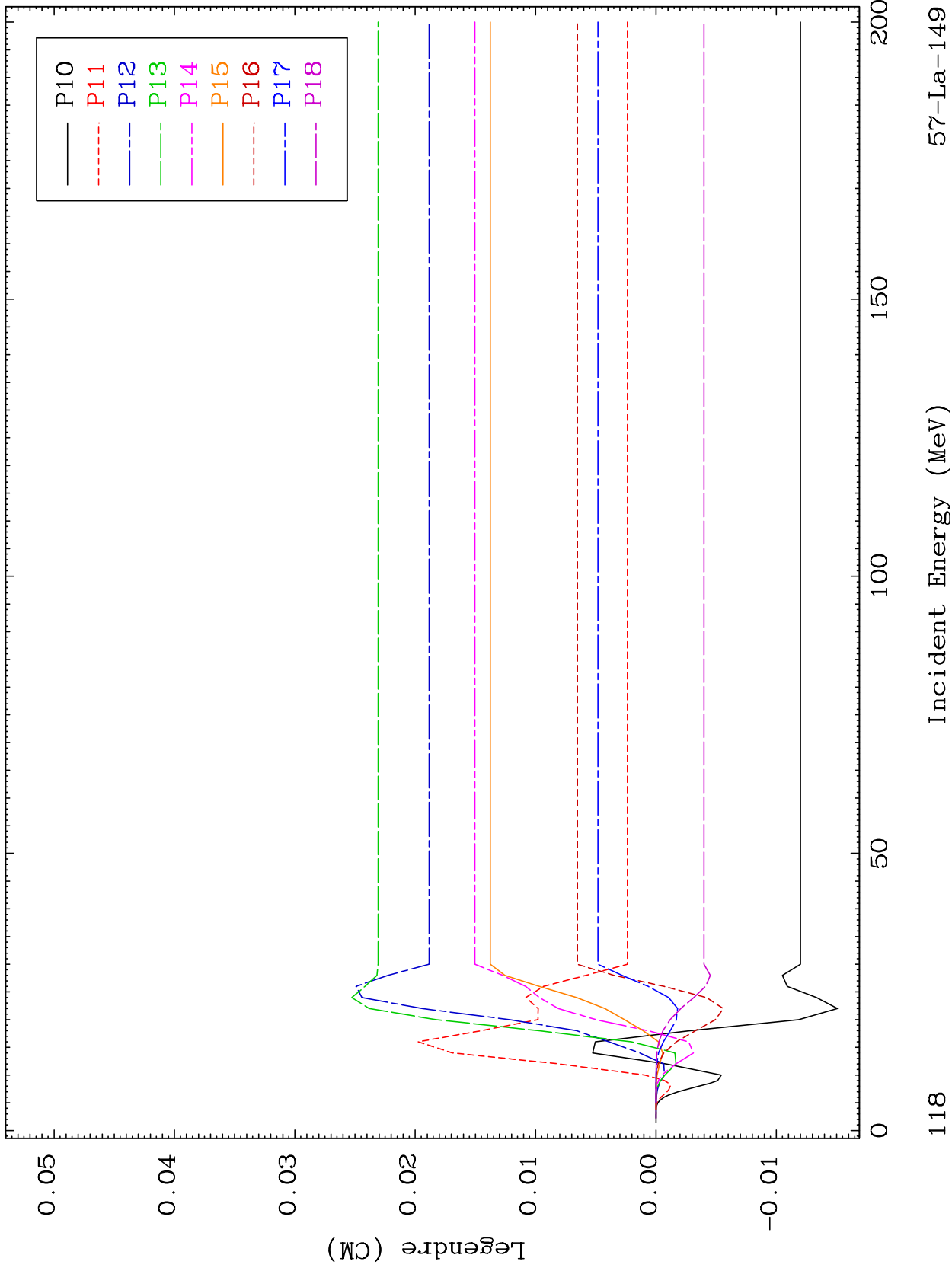
Incident Energy (MeV)

117

MAT 5758

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

57-La-149



57-La-149

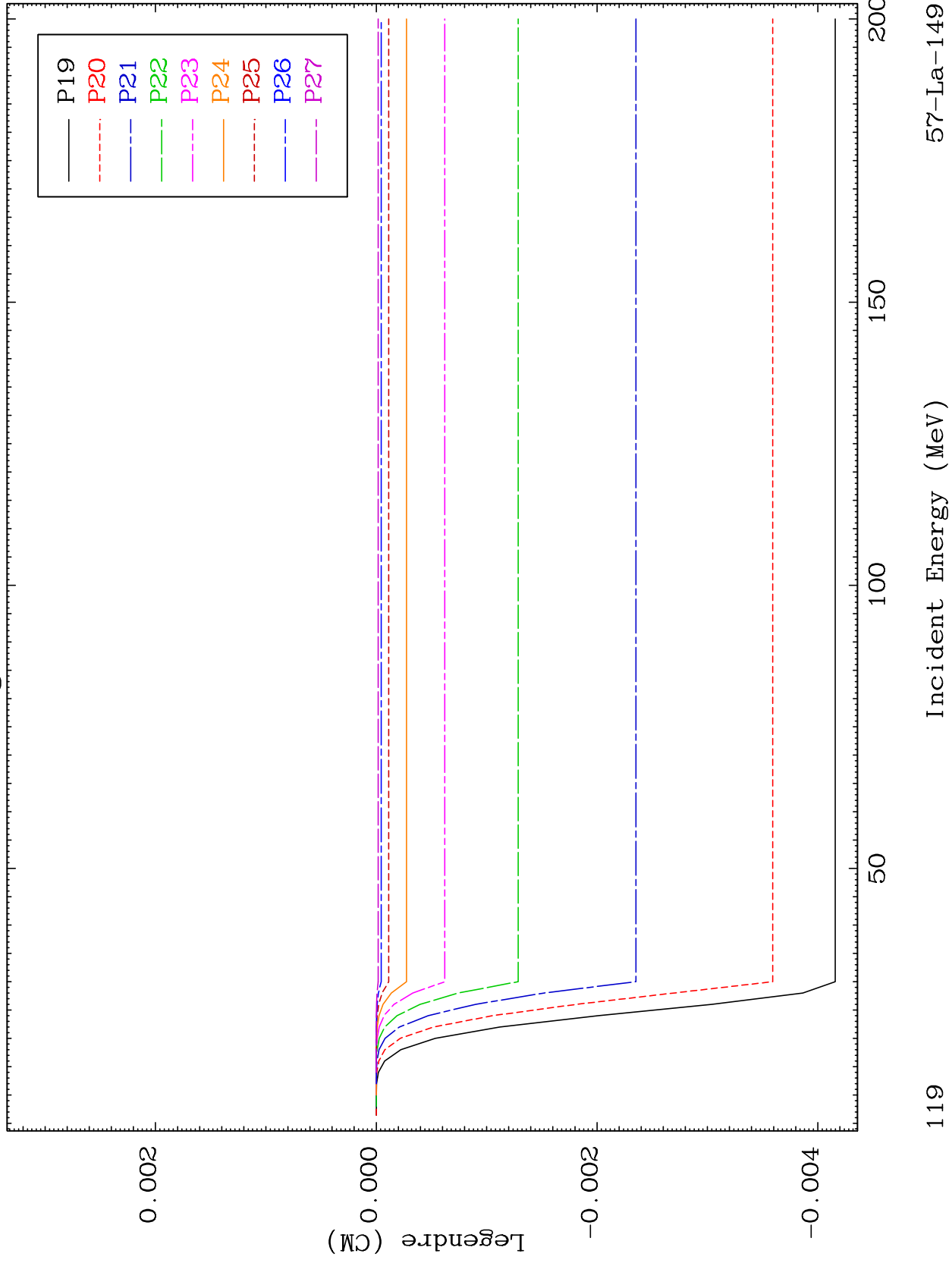
Incident Energy (MeV)

118

MAT 5758

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

57-La-149



119

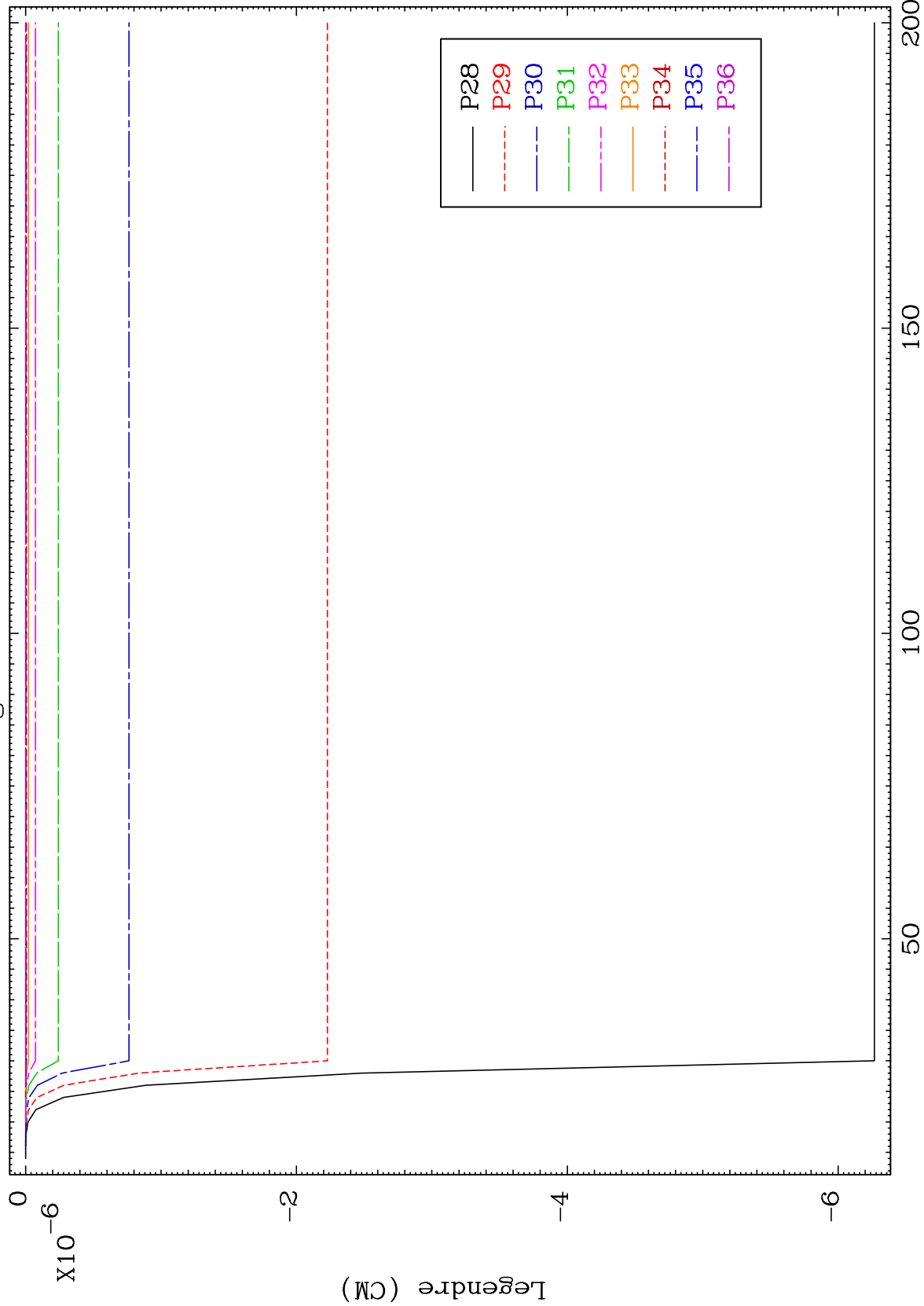
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



120

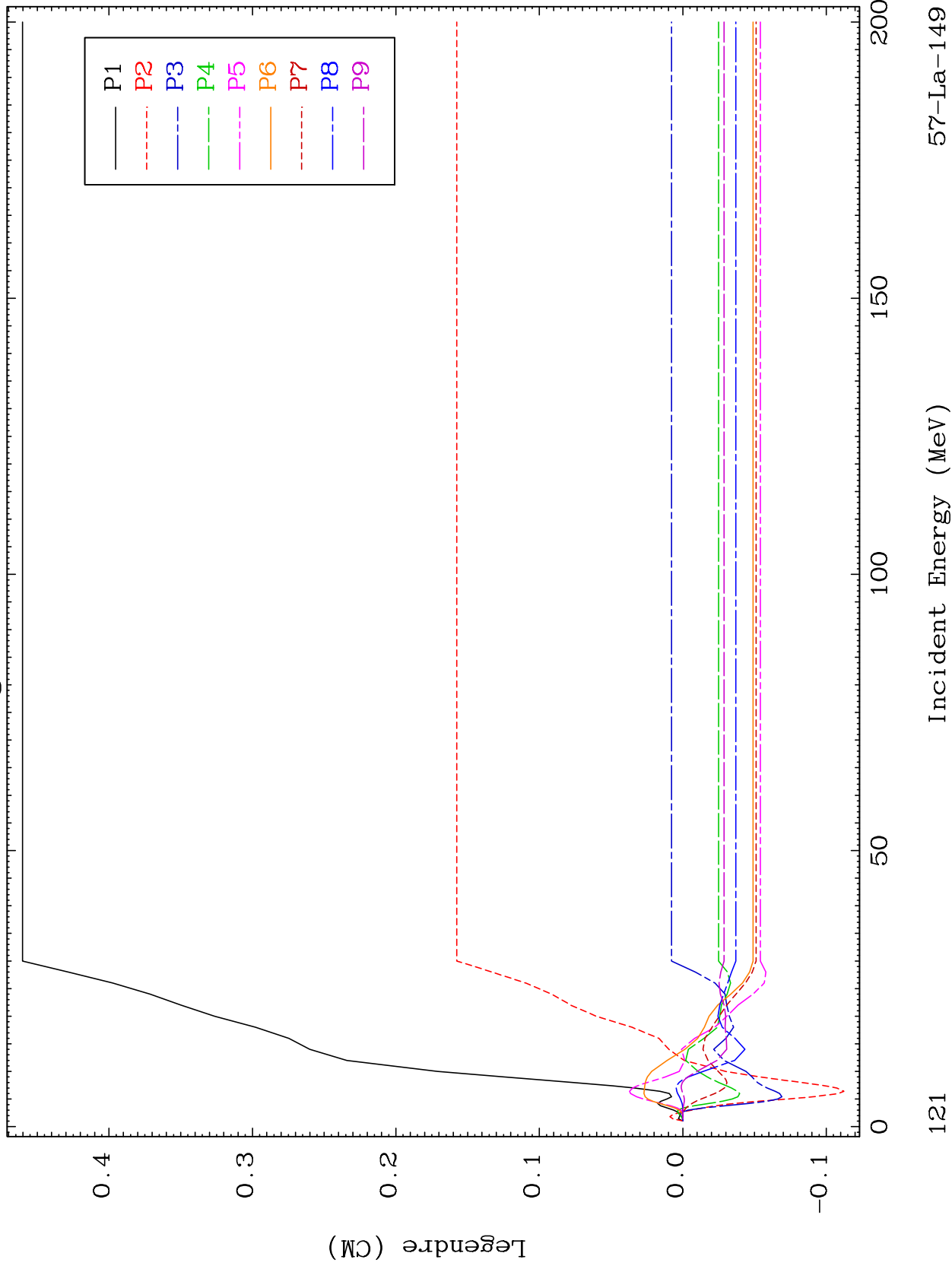
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

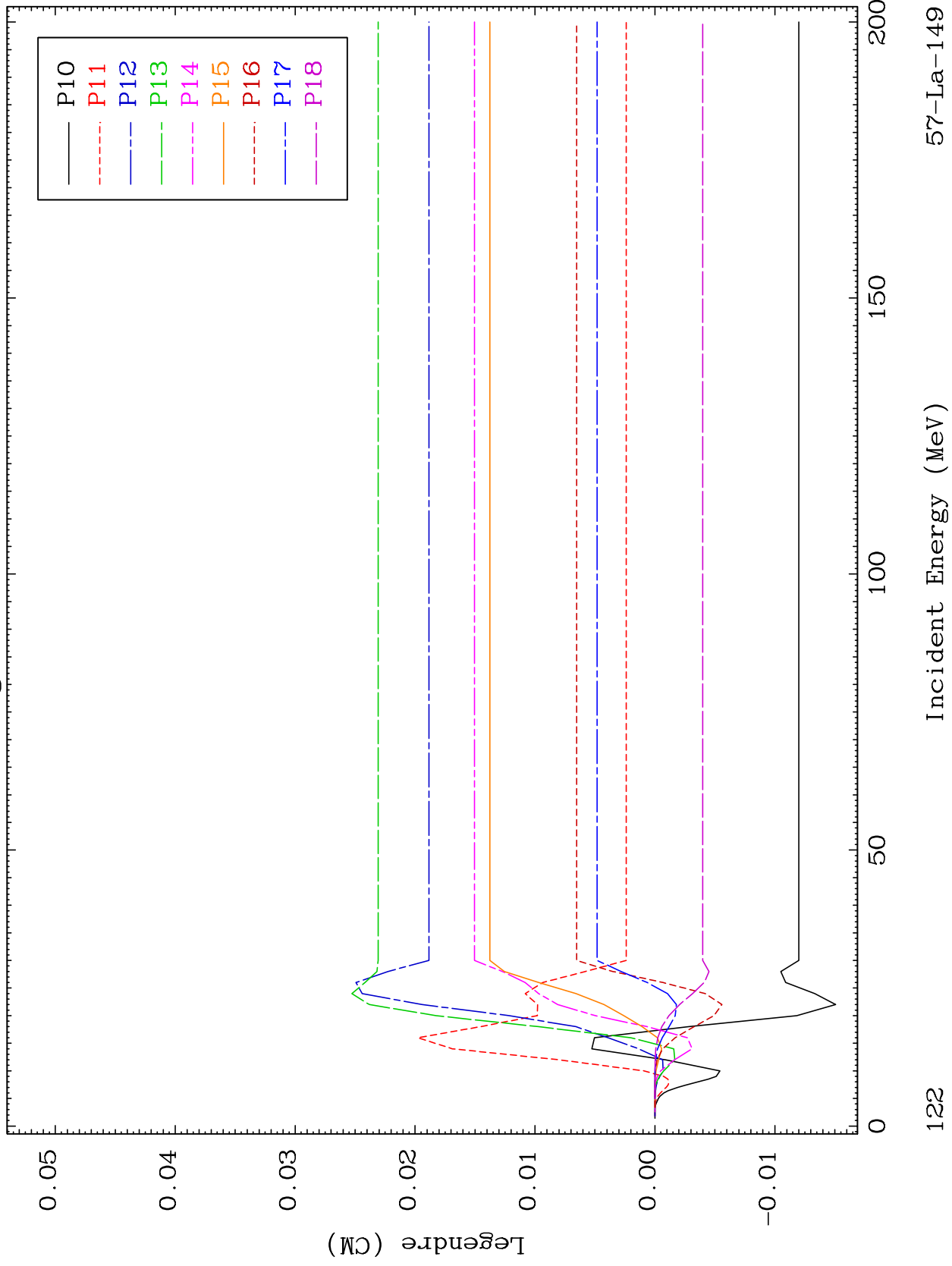
Incident Energy (MeV)

121

MAT 5758

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

57-La-149



57-La-149

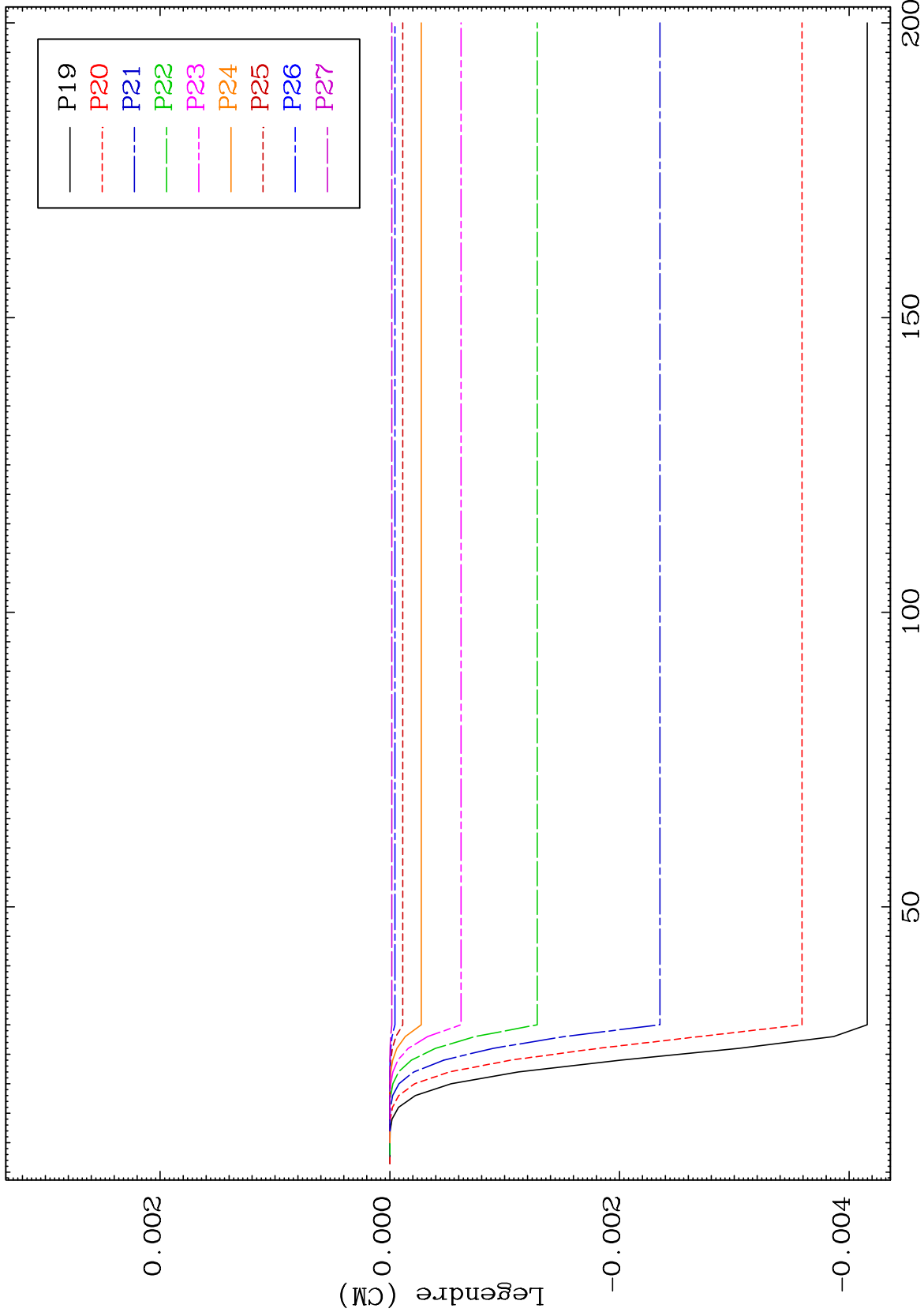
Incident Energy (MeV)

122

MAT 5758

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

57-La-149



123

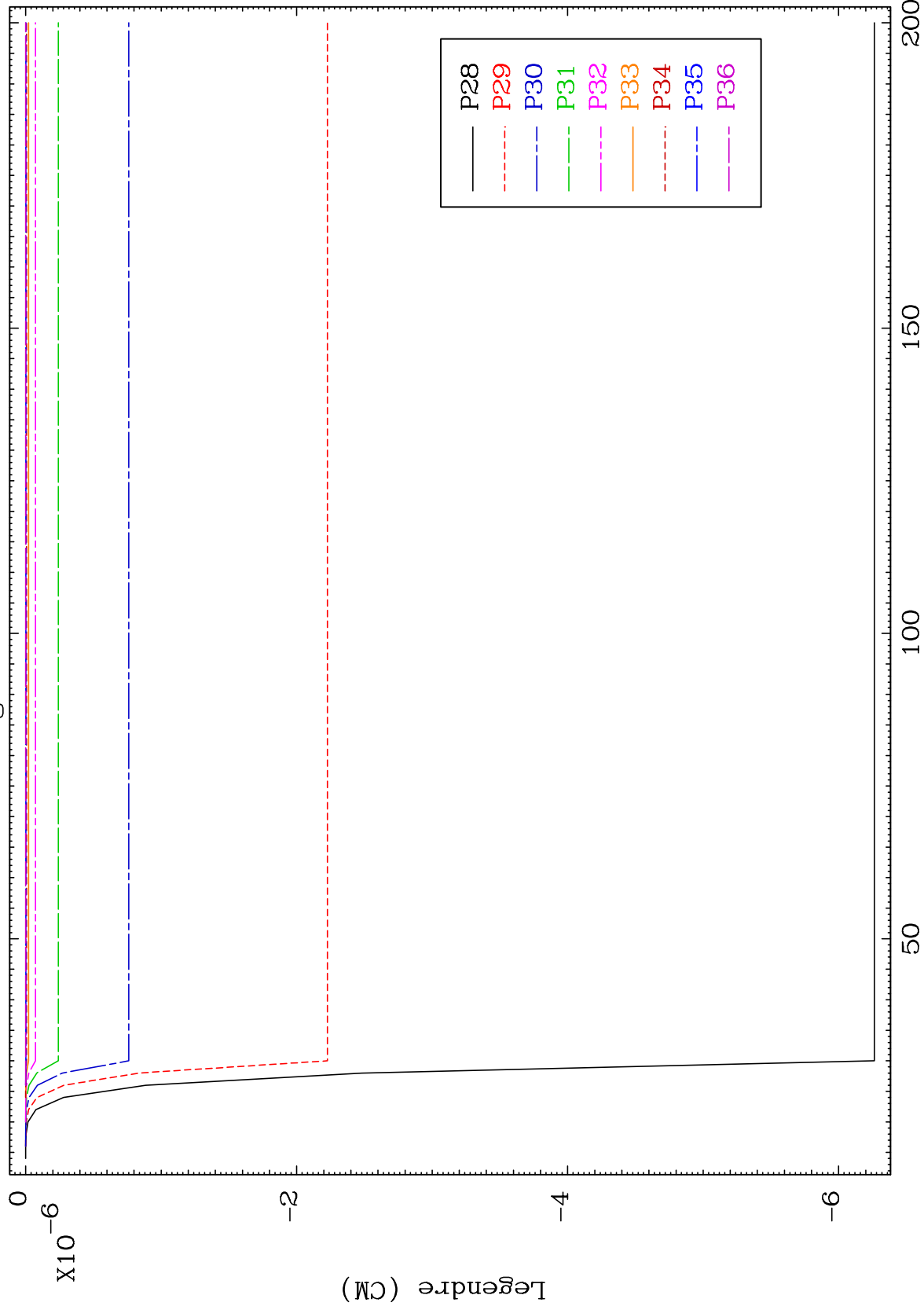
Incident Energy (MeV)

57-La-149

MAT 5758

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

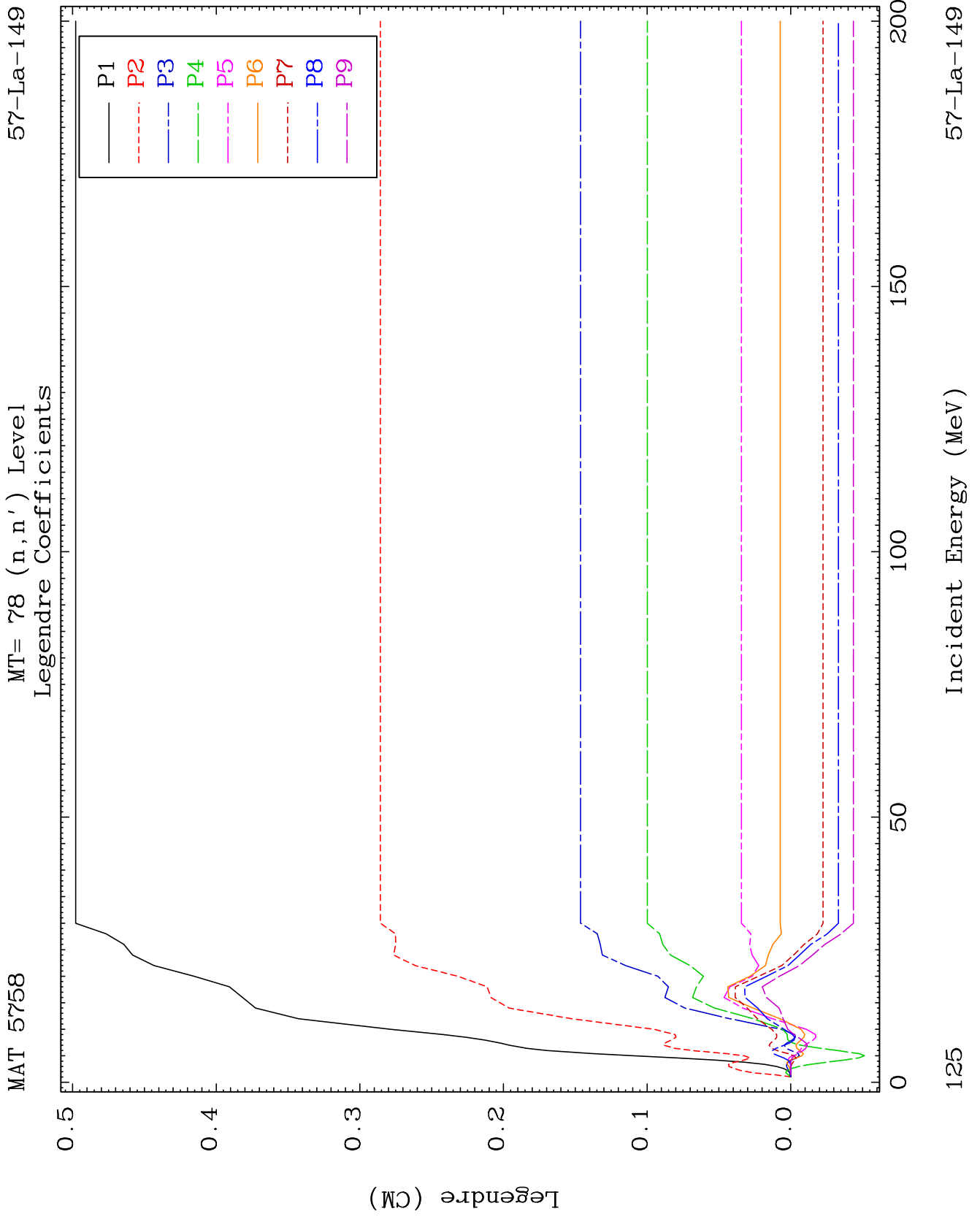
57-La-149



124

Incident Energy (MeV)

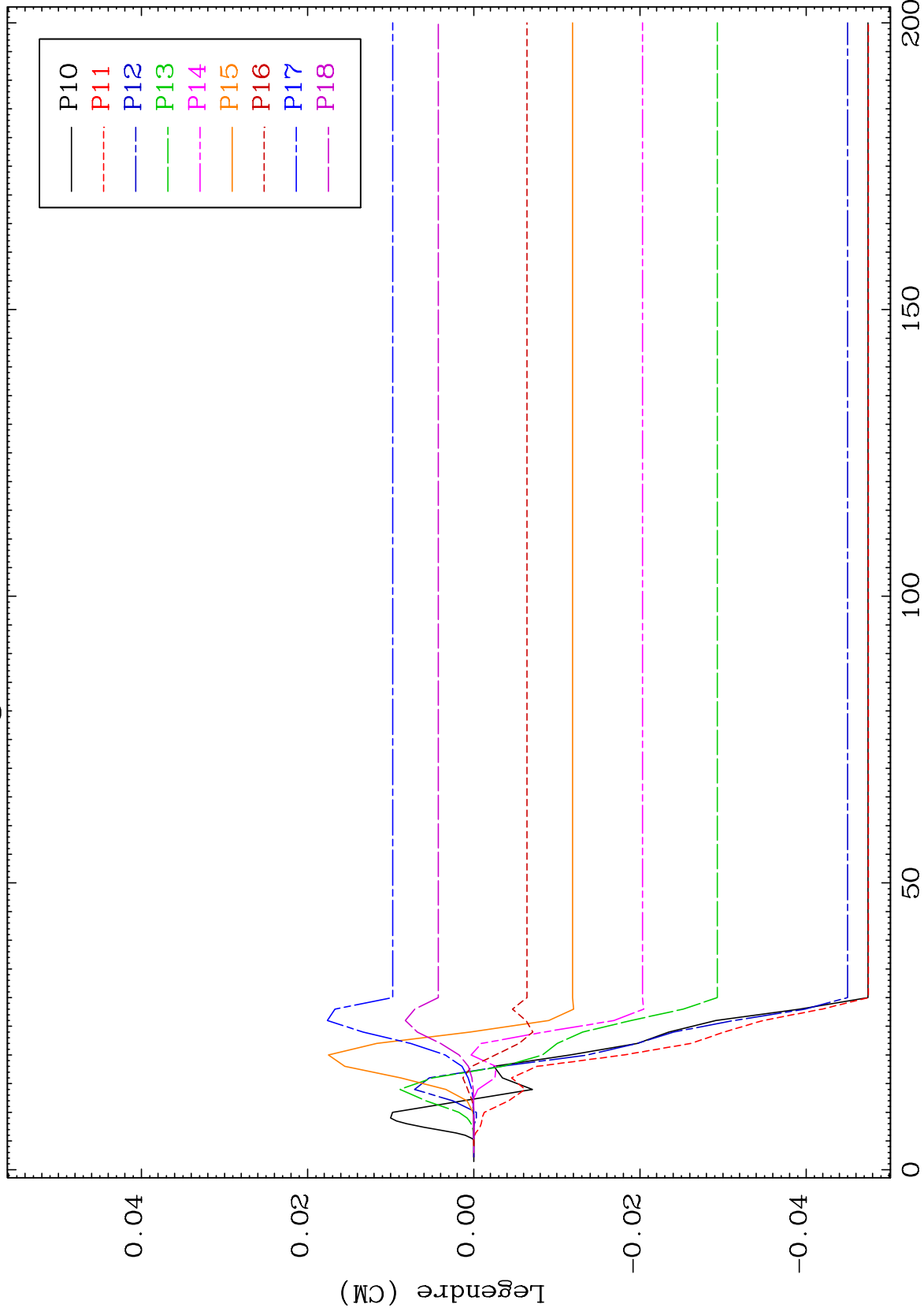
57-La-149



MAT 5758

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

57-La-149



126

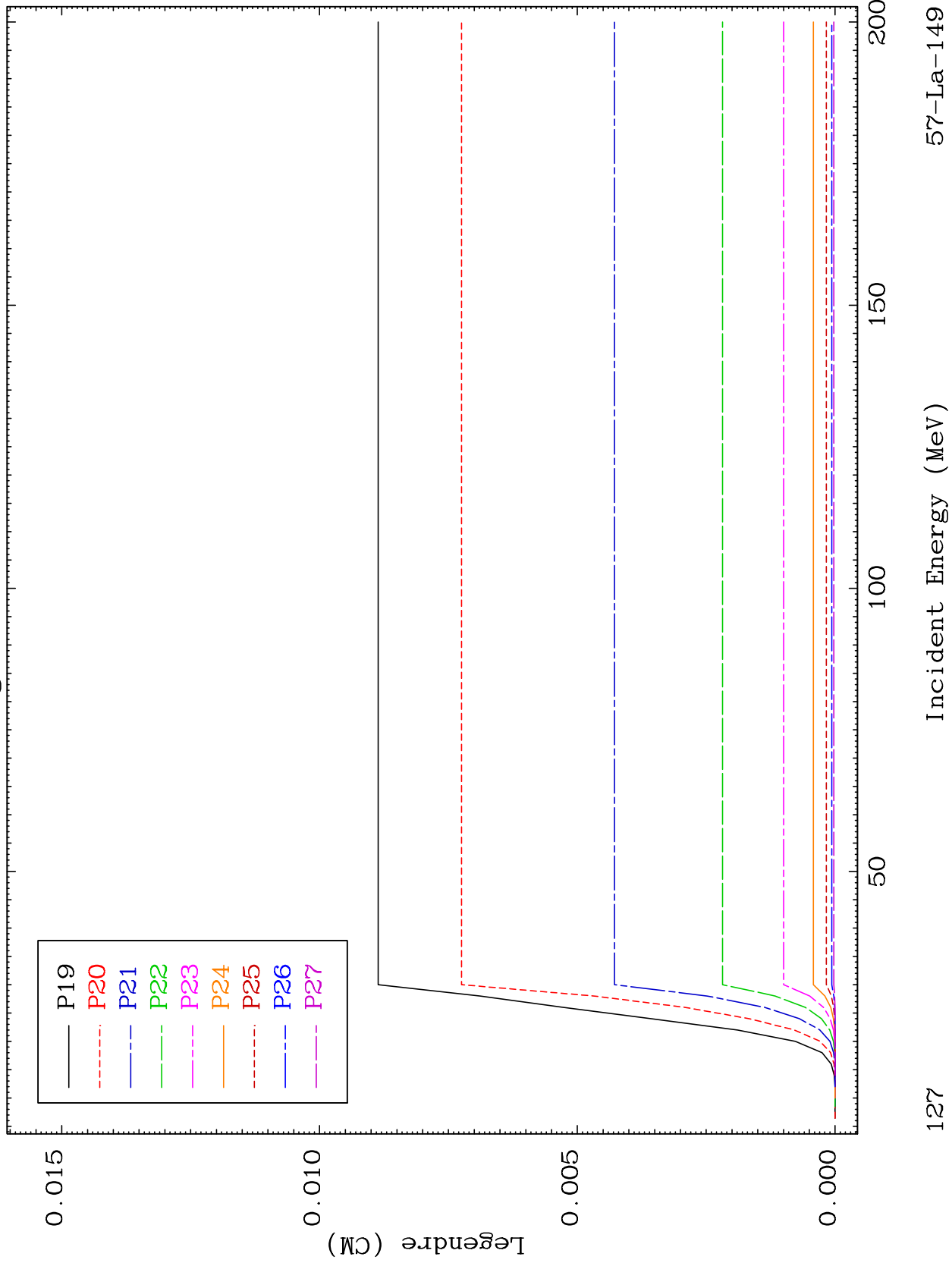
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



127

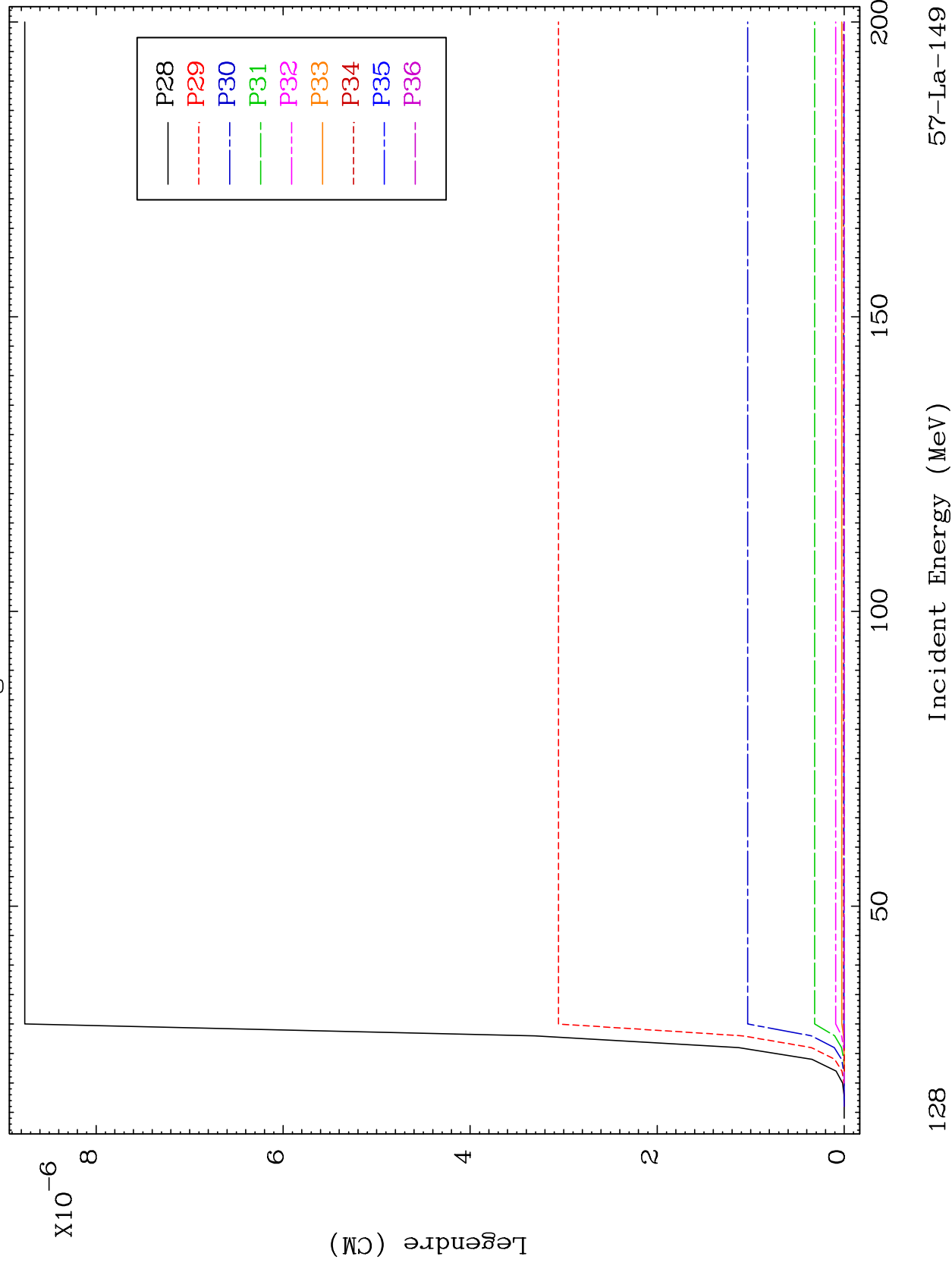
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



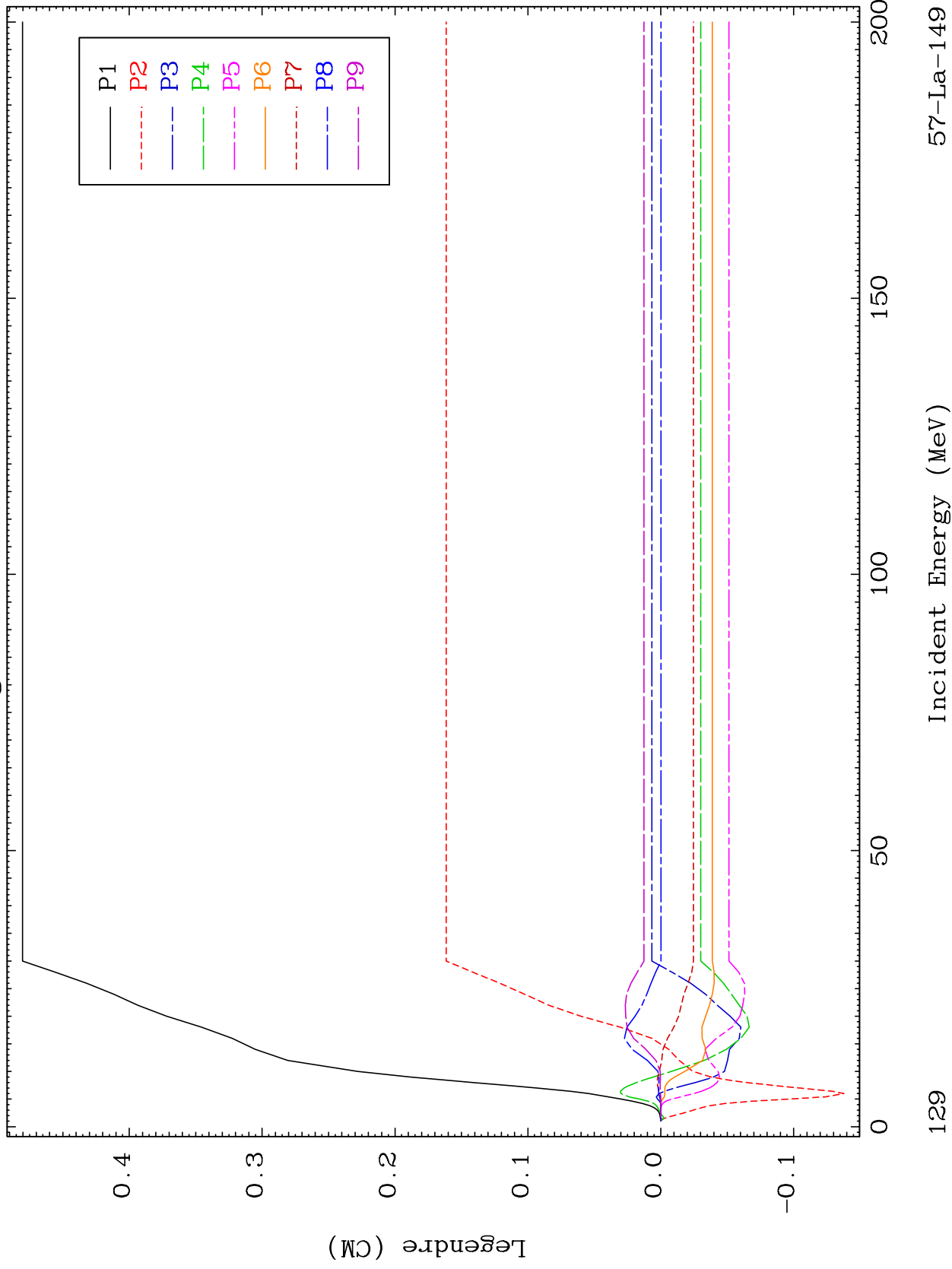
128

57-La-149

MAT 5758

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

57-La-149



57-La-149

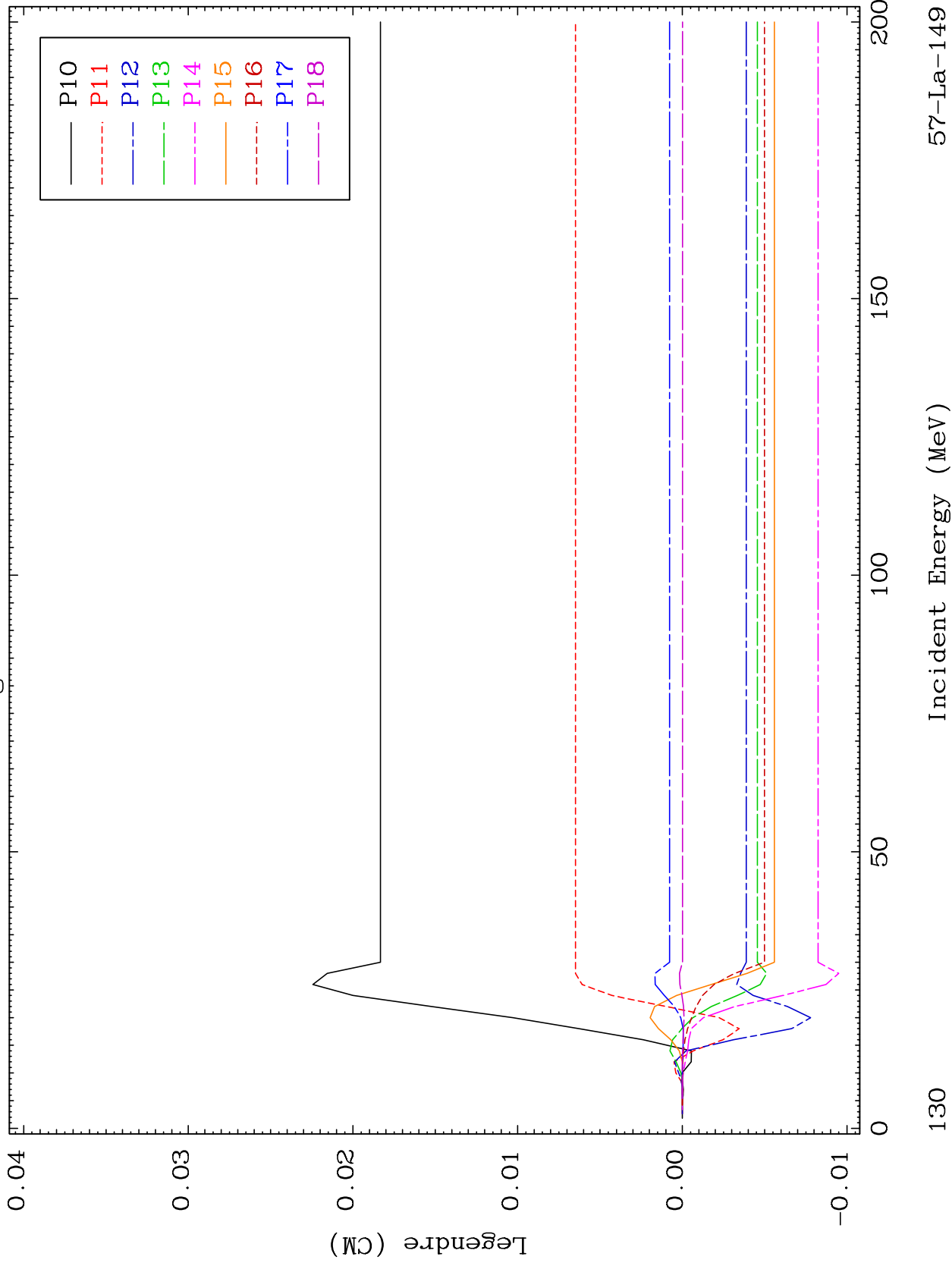
Incident Energy (MeV)

129

MAT 5758

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

57-La-149



57-La-149

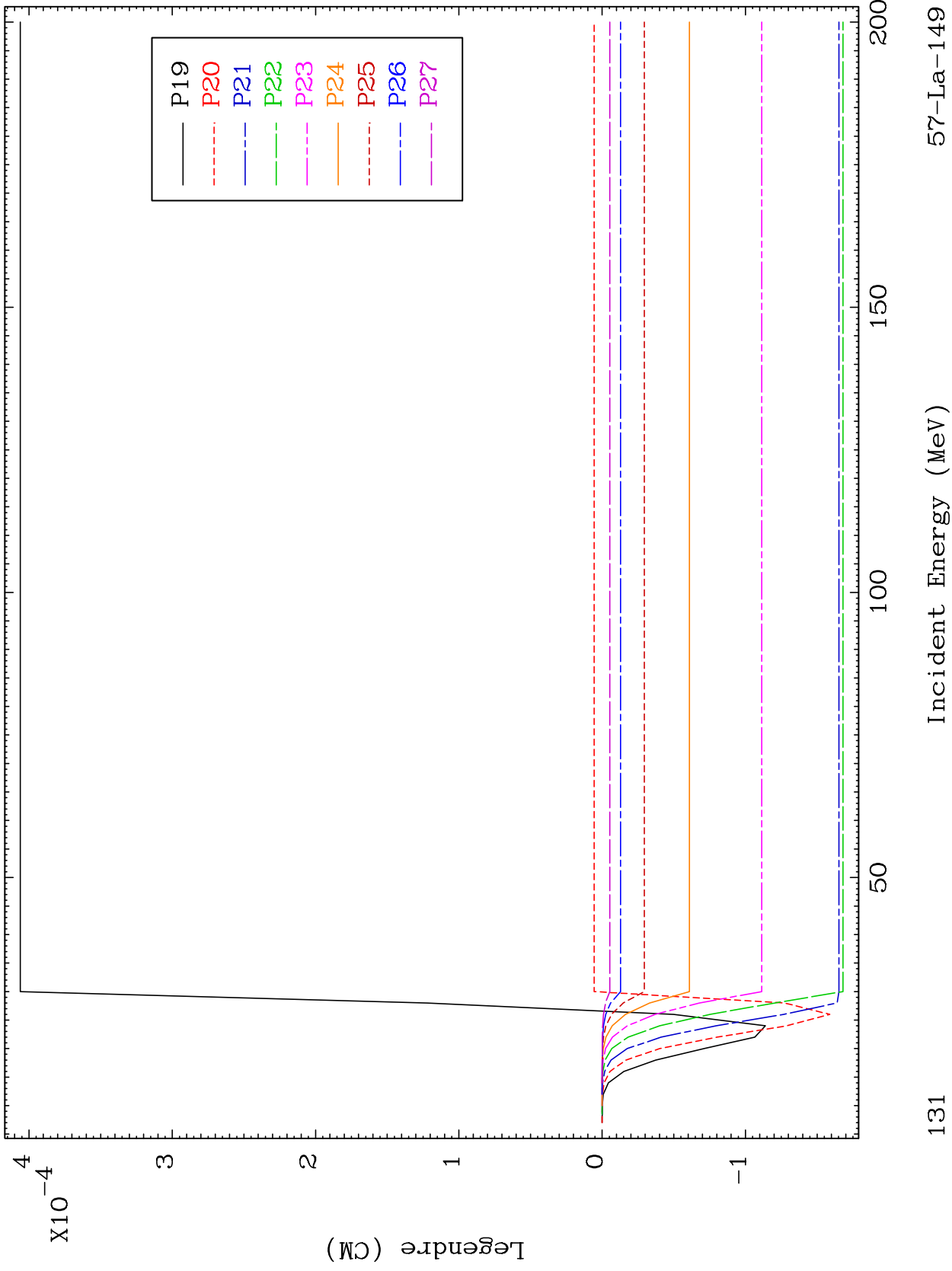
Incident Energy (MeV)

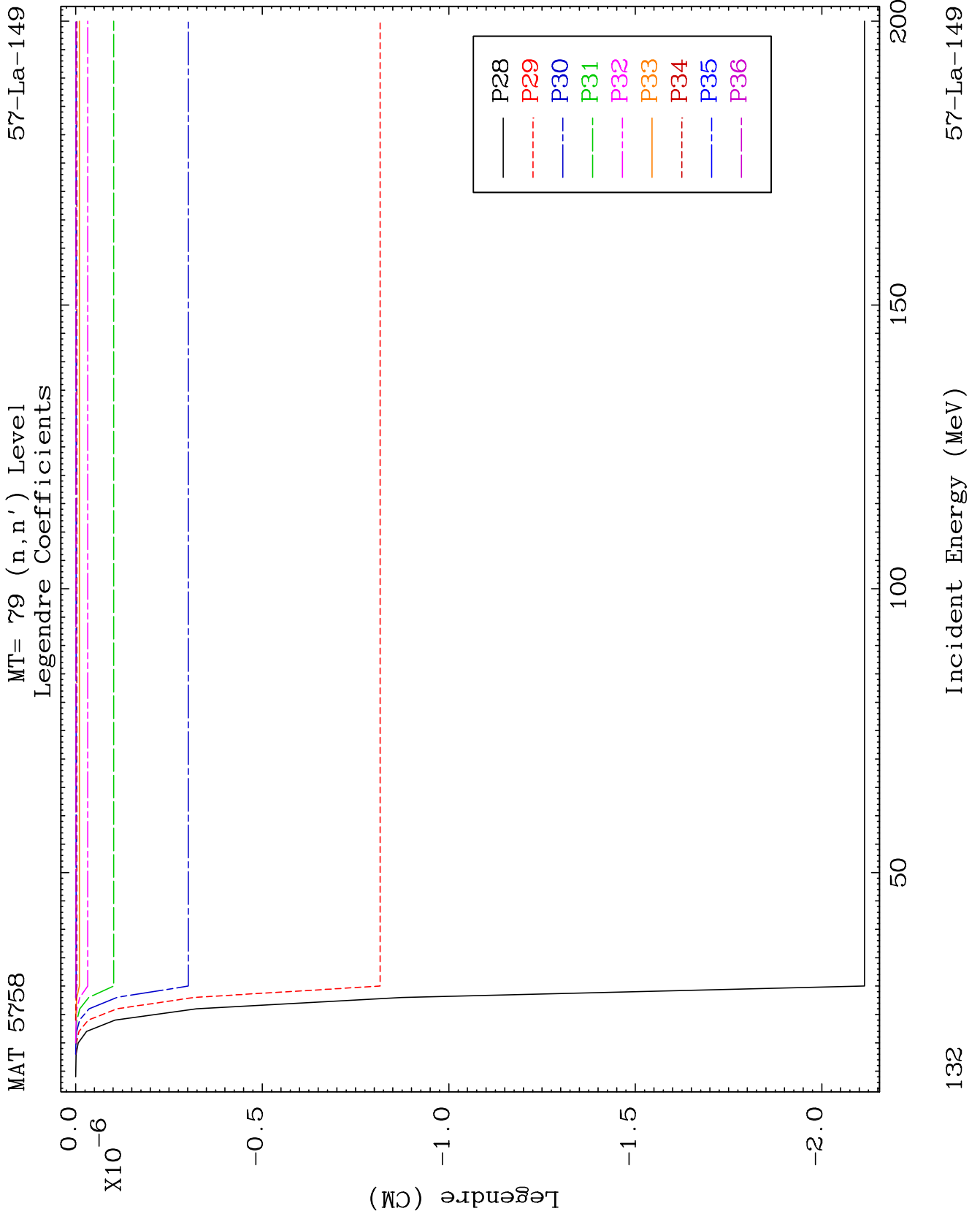
130

MAT 5758

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

57-La-149



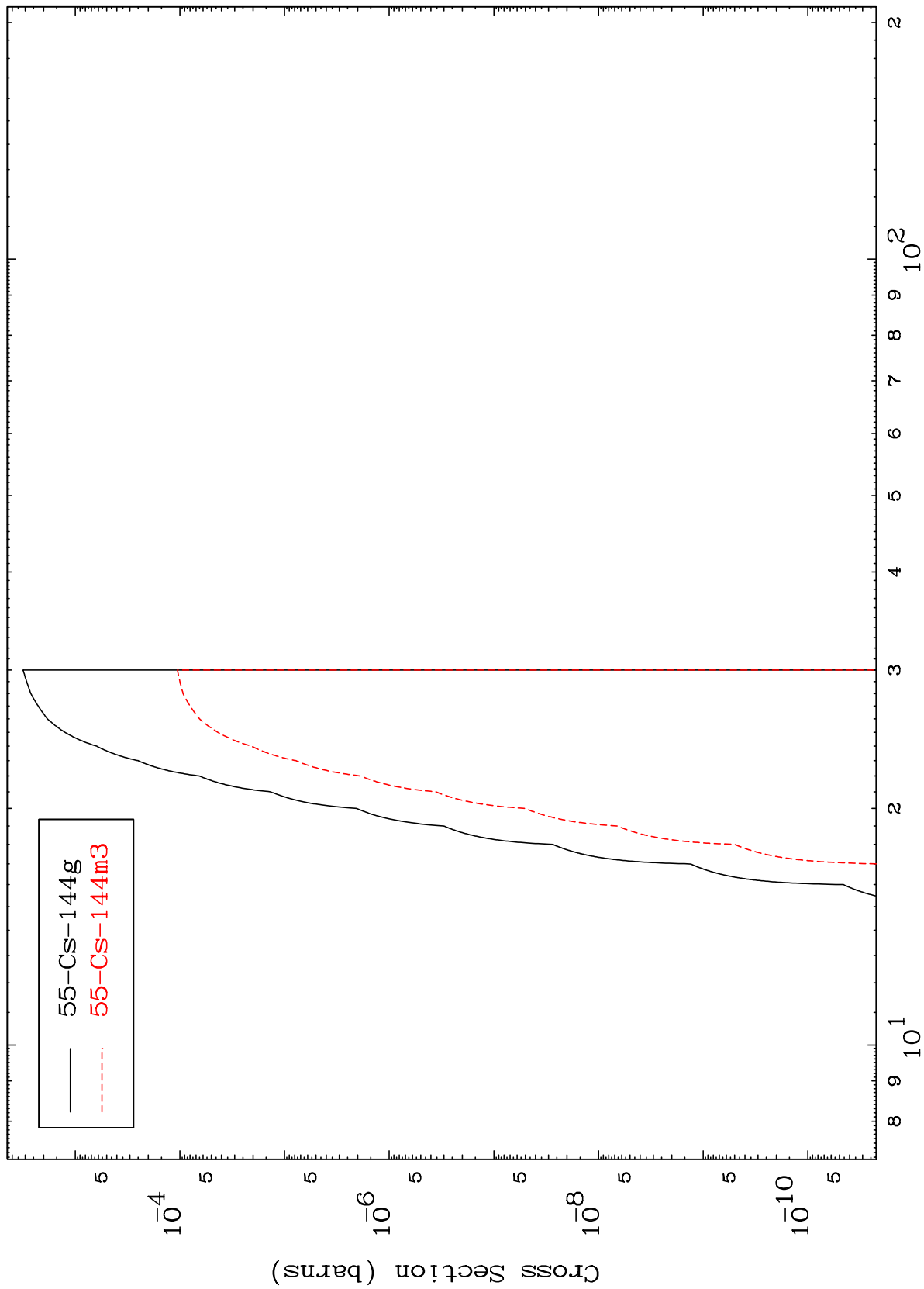


MAT 5758

(n,2n) α

57-La-149

Radionuclide Production Cross Section



133

Incident Energy (MeV)

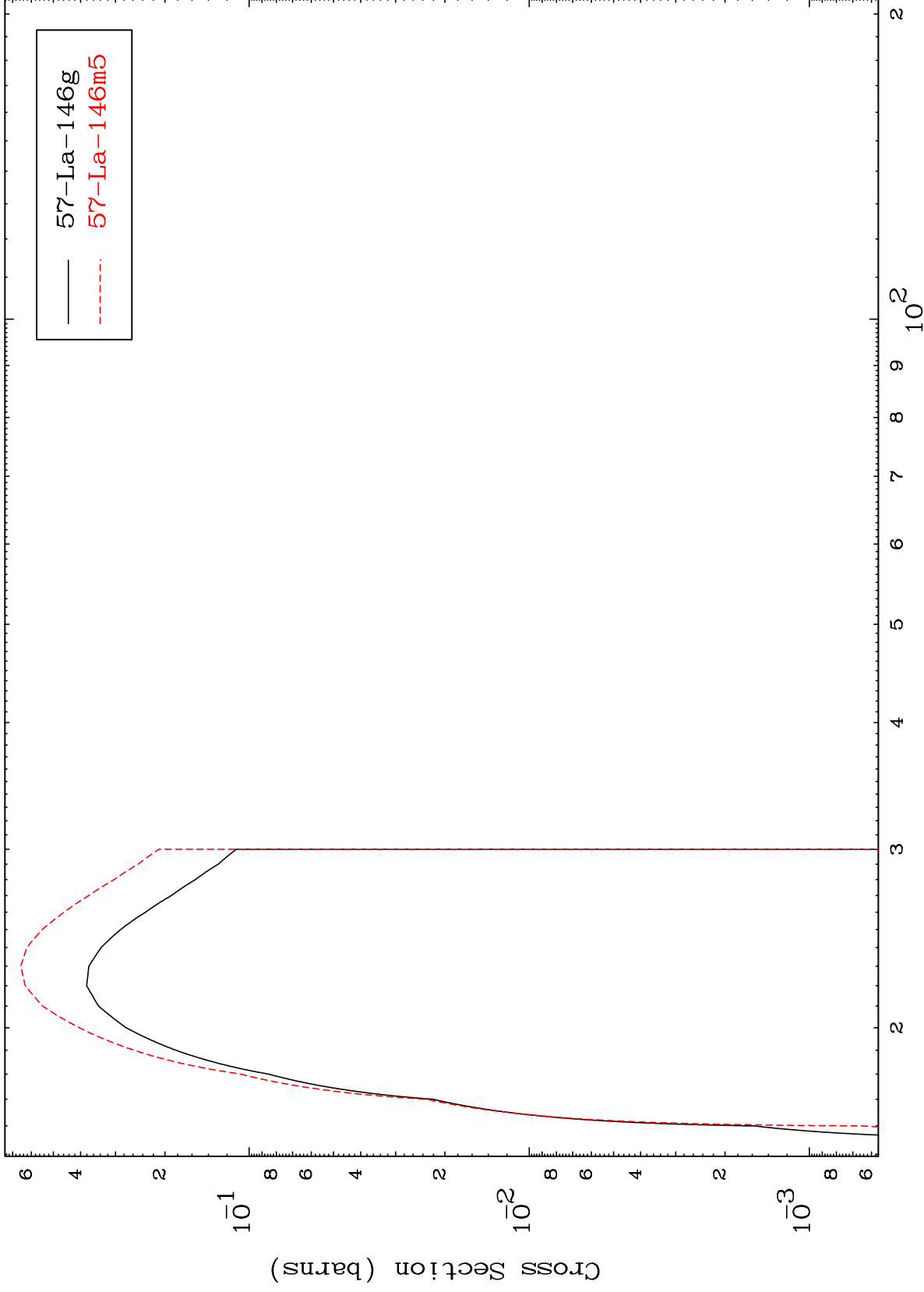
57-La-149

MAT 5758

(n,4n)

57-La-149

Radionuclide Production Cross Section



134

Incident Energy (MeV)

57-La-149