

Program EVALPLOT
(Version 2021-1)

by

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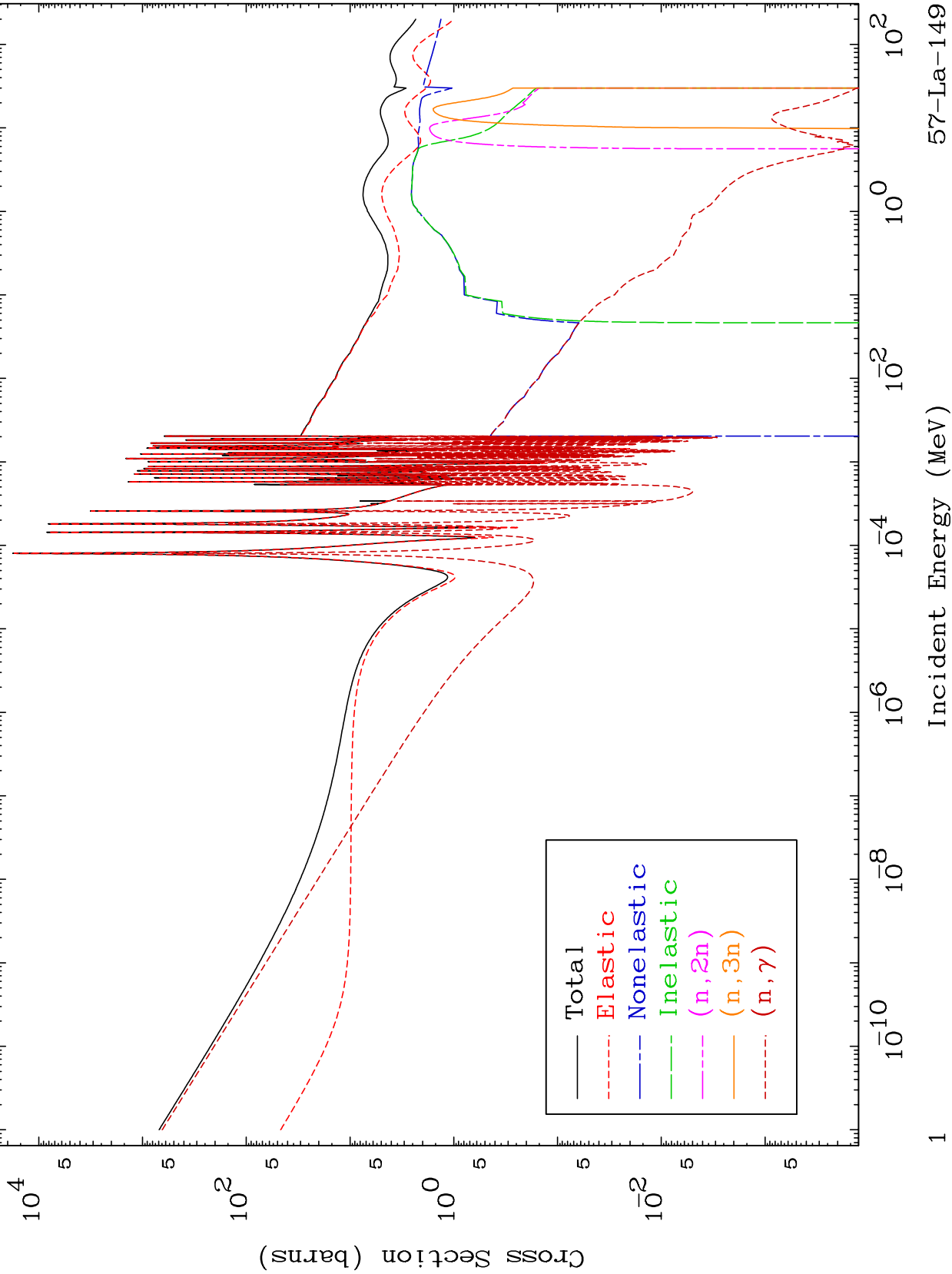
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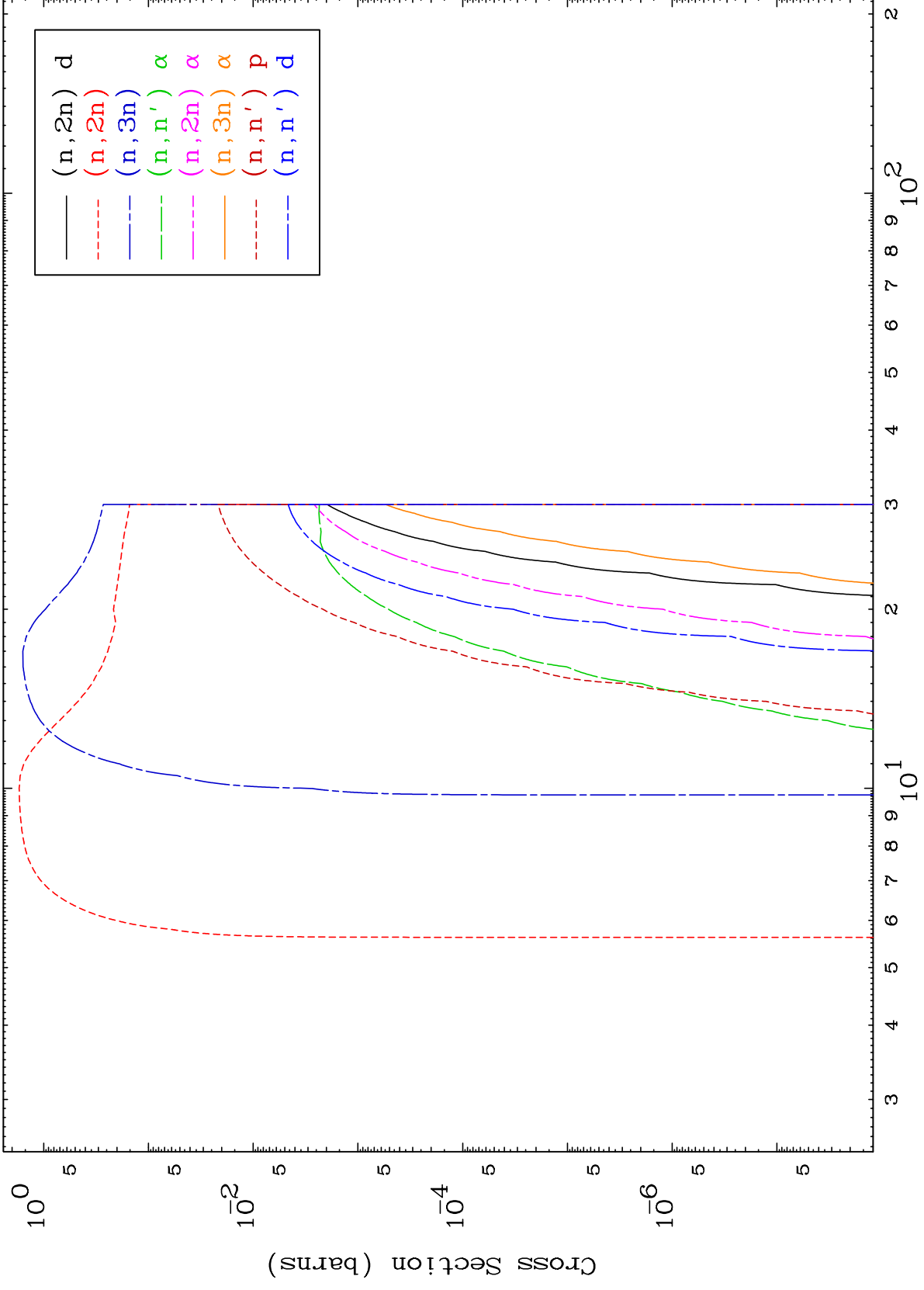
Press Mouse Button to Start

MAT 5758

Neutron Major
293 Kelvin Cross Sections

57-La-149

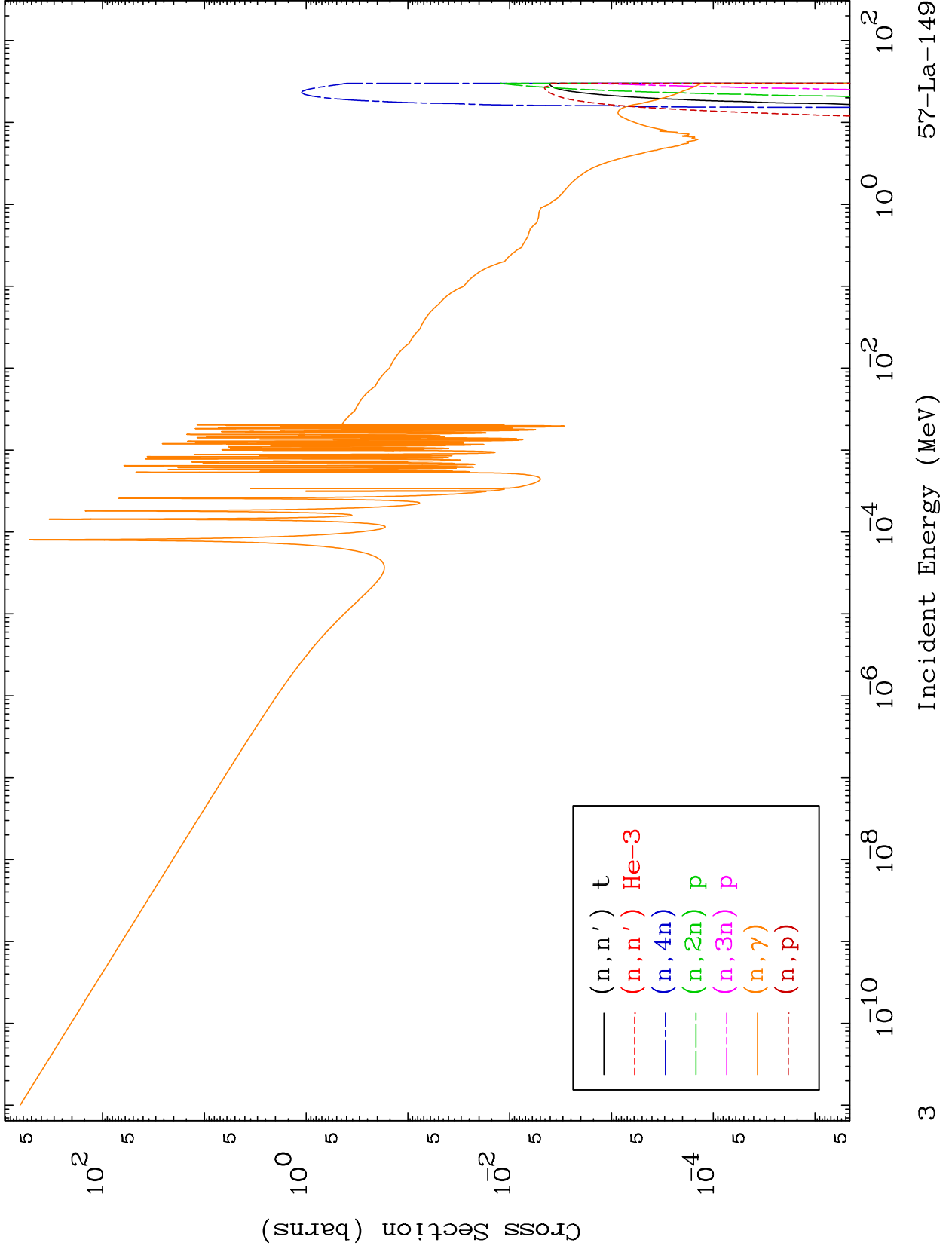




MAT 5758

Neutron Absorption
293 Kelvin Cross Sections

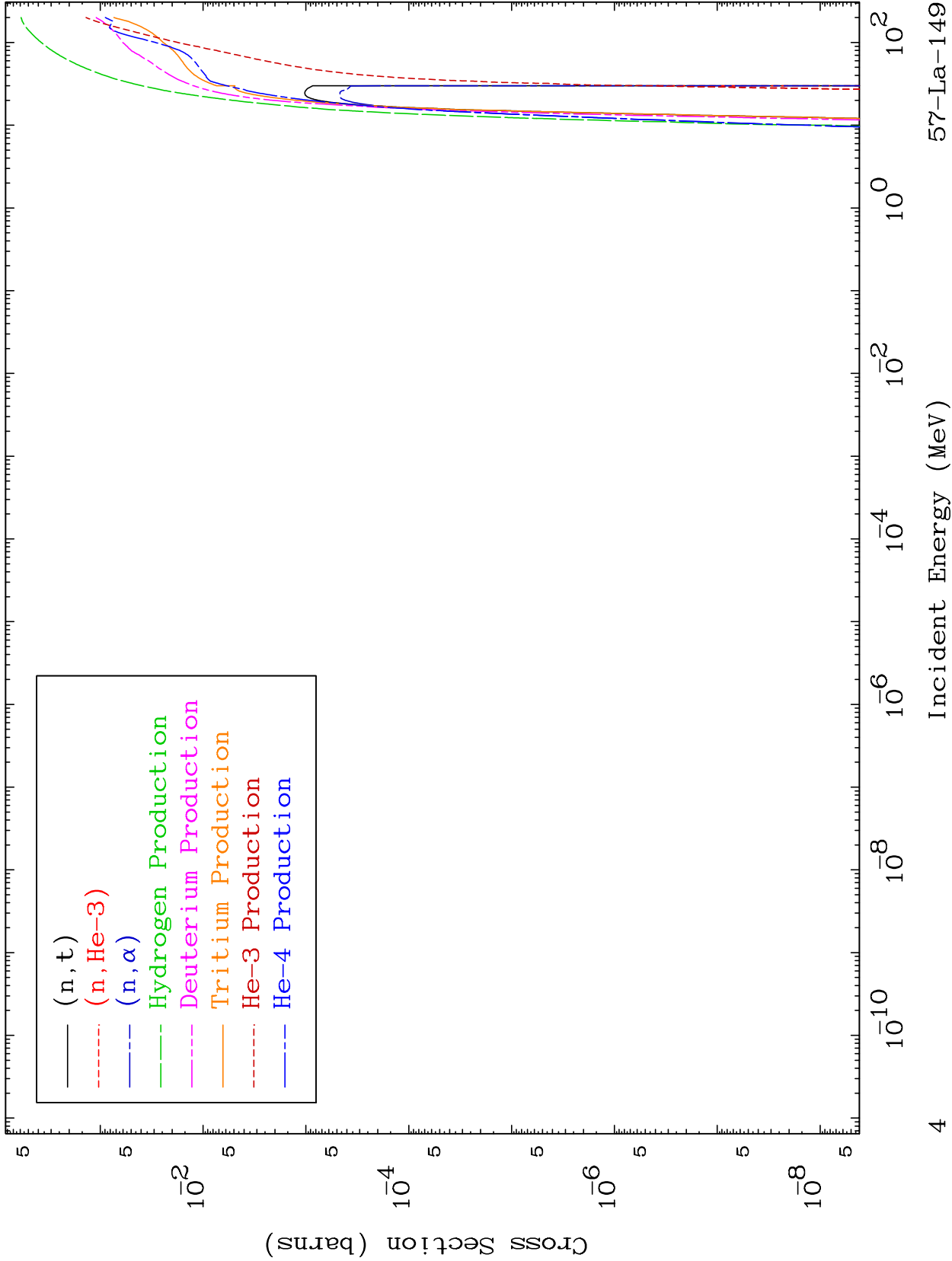
57-La-149

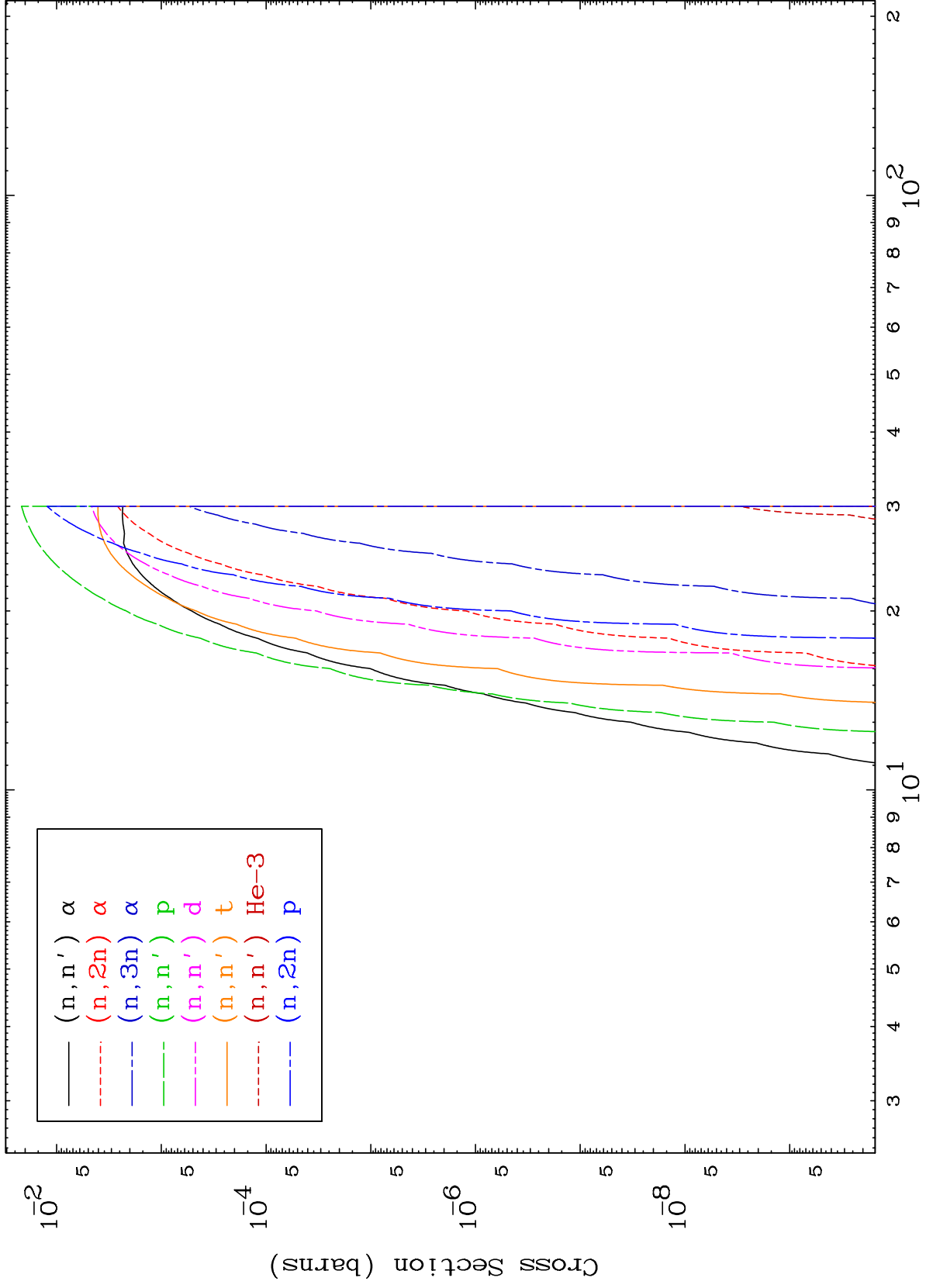


MAT 5758

Neutron Absorption
293 Kelvin Cross Sections

57-La-149

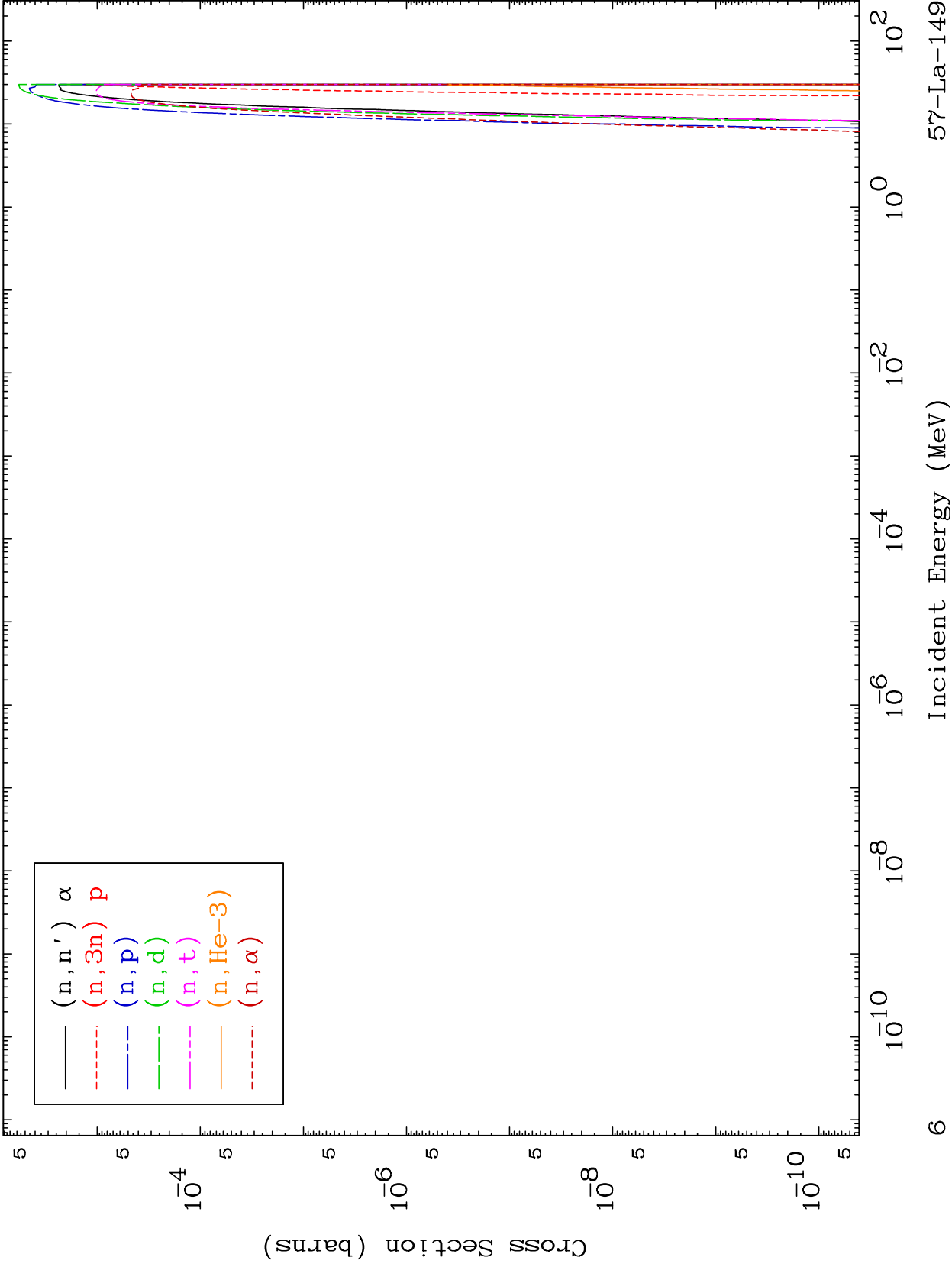




MAT 5758

Charged Particle
293 Kelvin Cross Sections

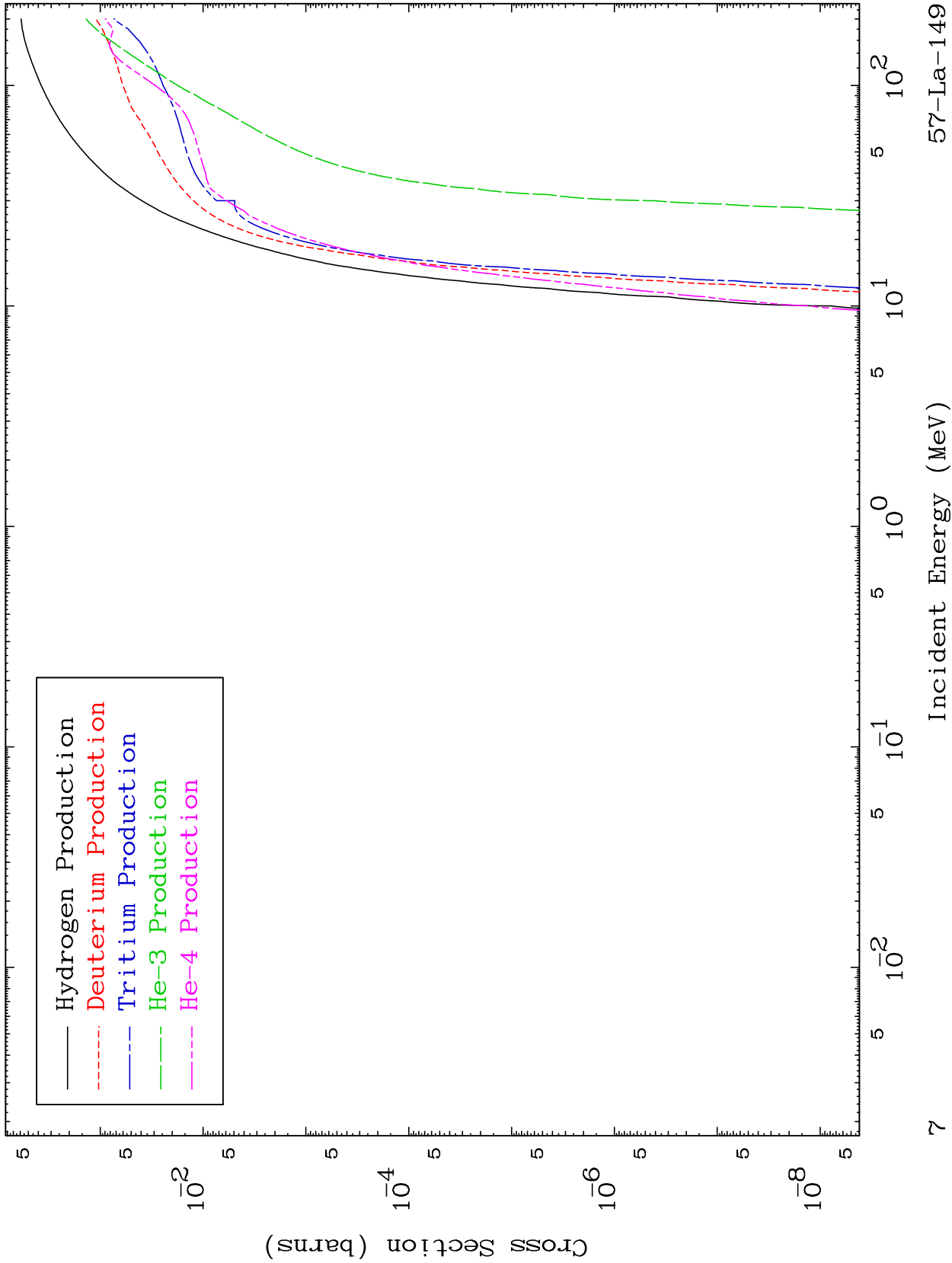
57-La-149



MAT 5758

Particle Production
293 Kelvin Cross Sections

57-La-149

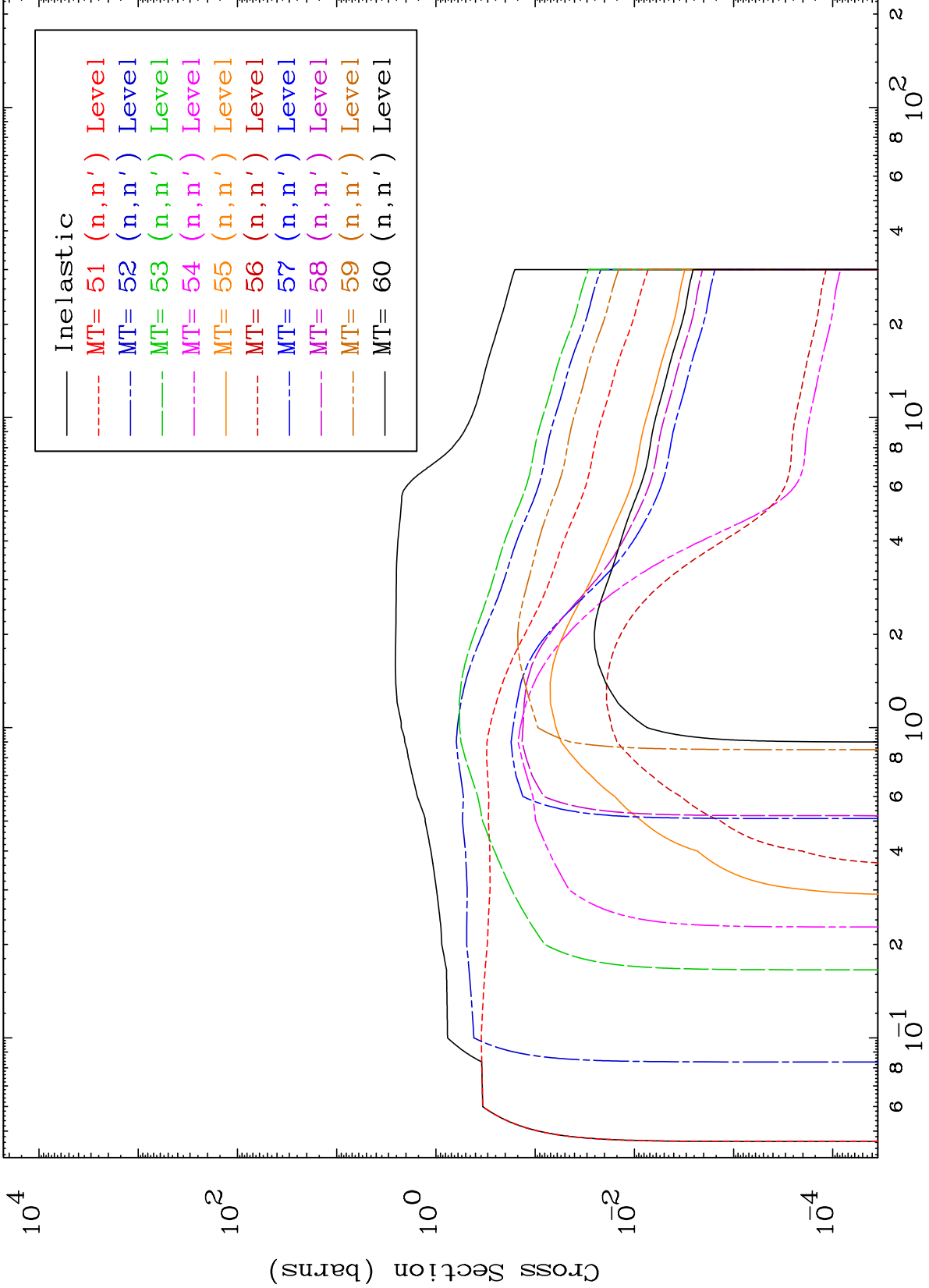


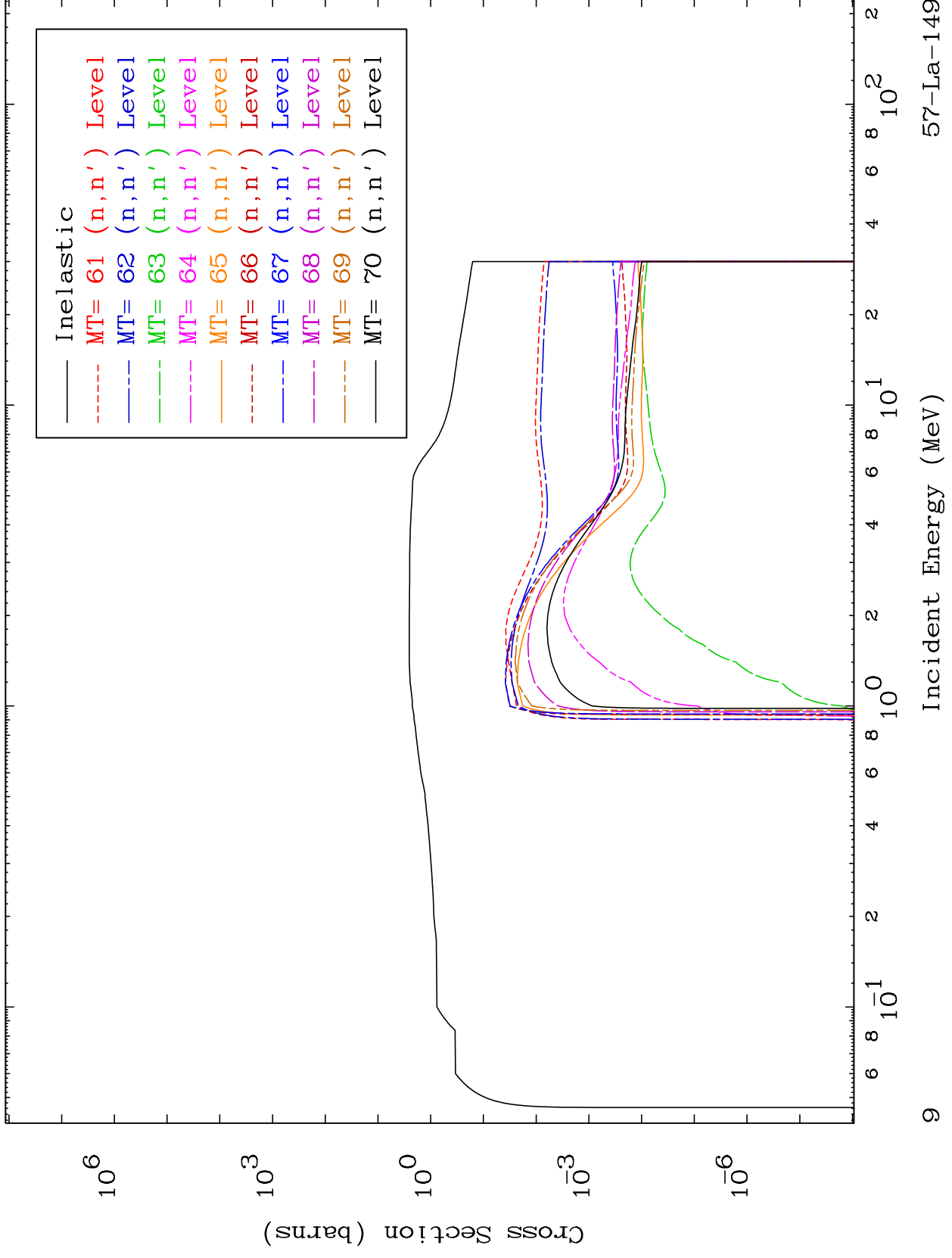
MAT 5758

(n,n') Levels

57-La-149

293 Kelvin Cross Sections



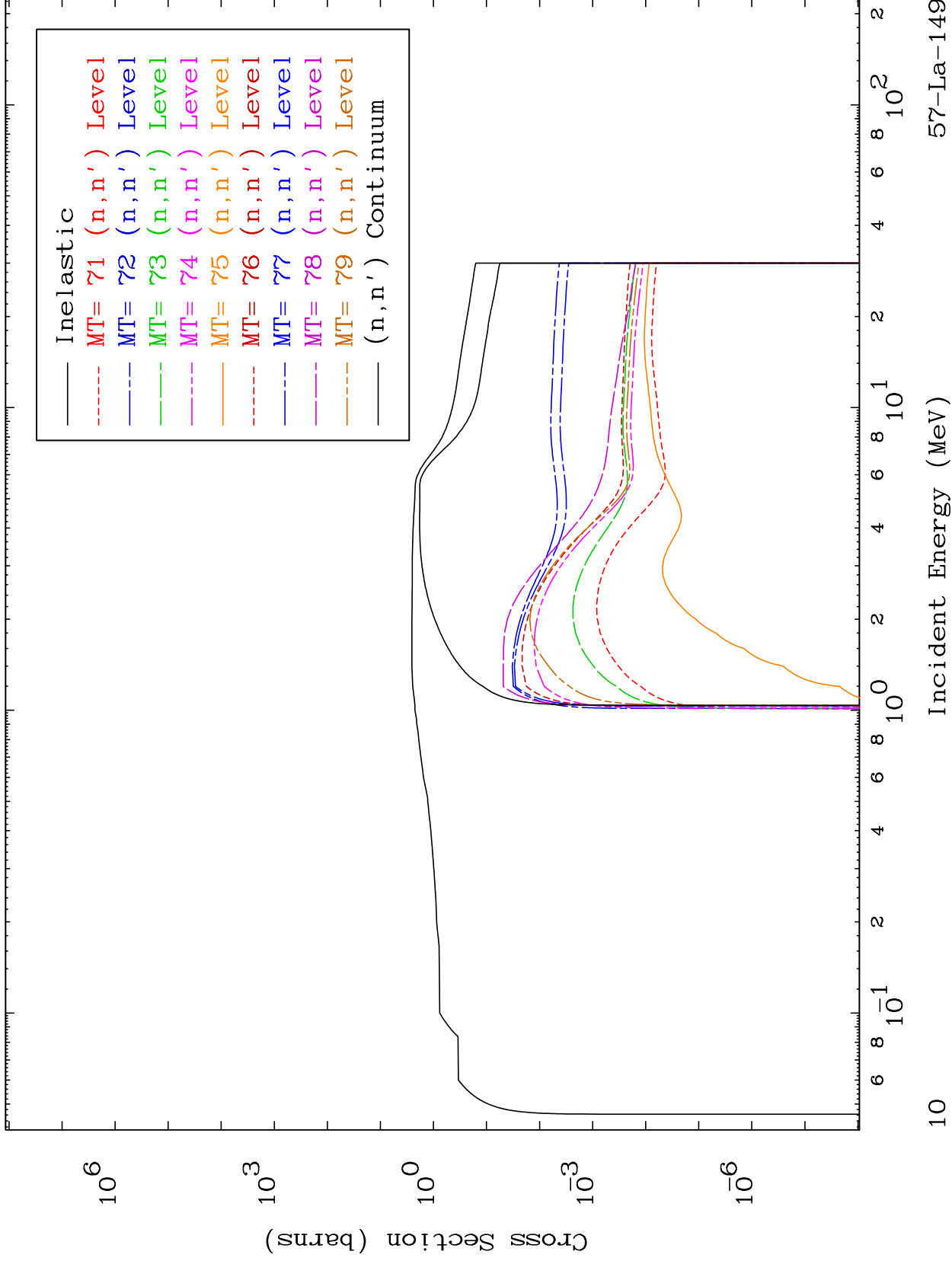


MAT 5758

(n,n') Levels

57-La-149

293 Kelvin Cross Sections



10

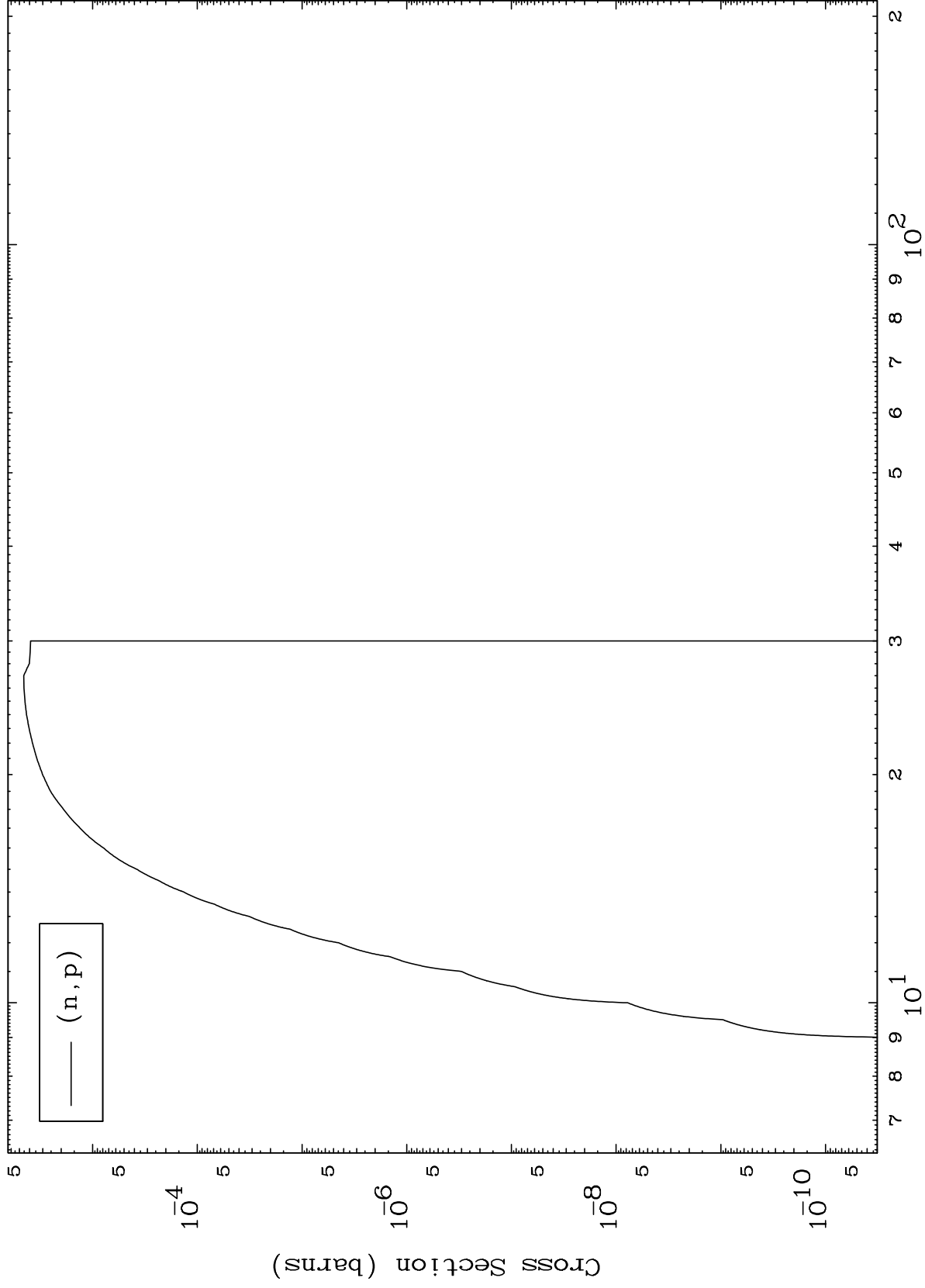
Incident Energy (MeV)

57-La-149

MAT 5758

(n,p) Levels
293 Kelvin Cross Sections

57-La-149



11

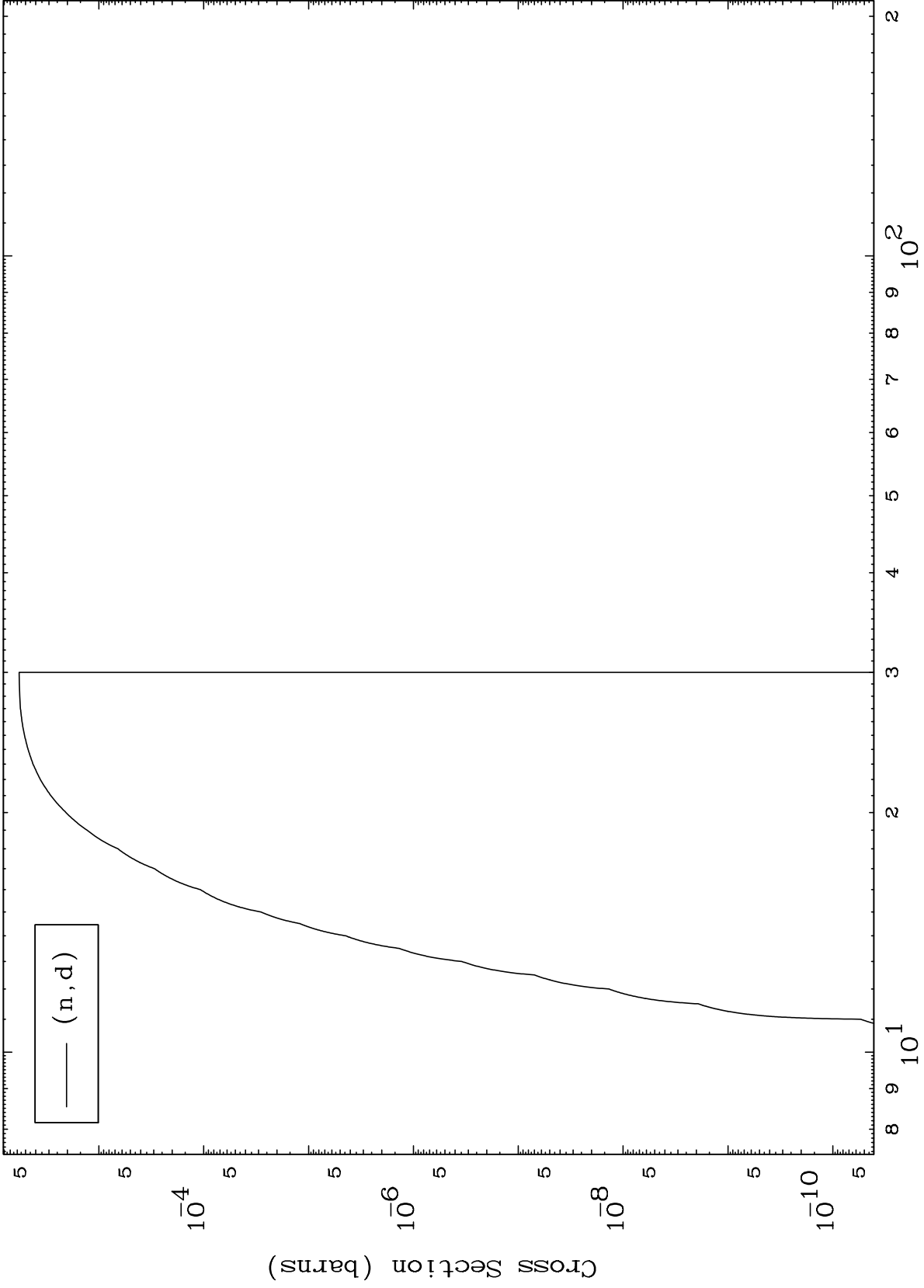
Incident Energy (MeV)

57-La-149

MAT 5758

(n,d) Levels
293 Kelvin Cross Sections

57-La-149



12

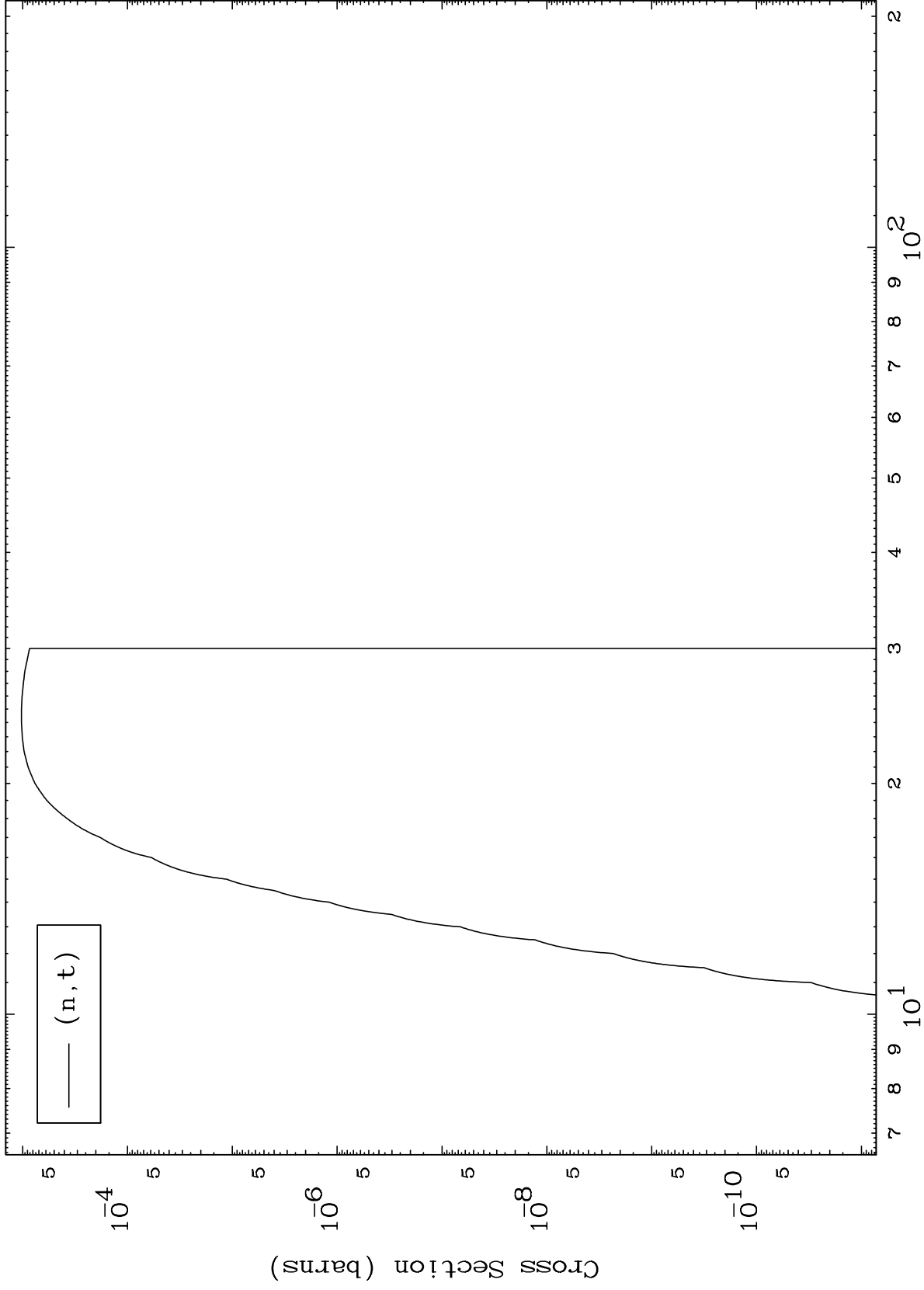
Incident Energy (MeV)

57-La-149

MAT 5758

(n,t) Levels
293 Kelvin Cross Sections

57-La-149



13

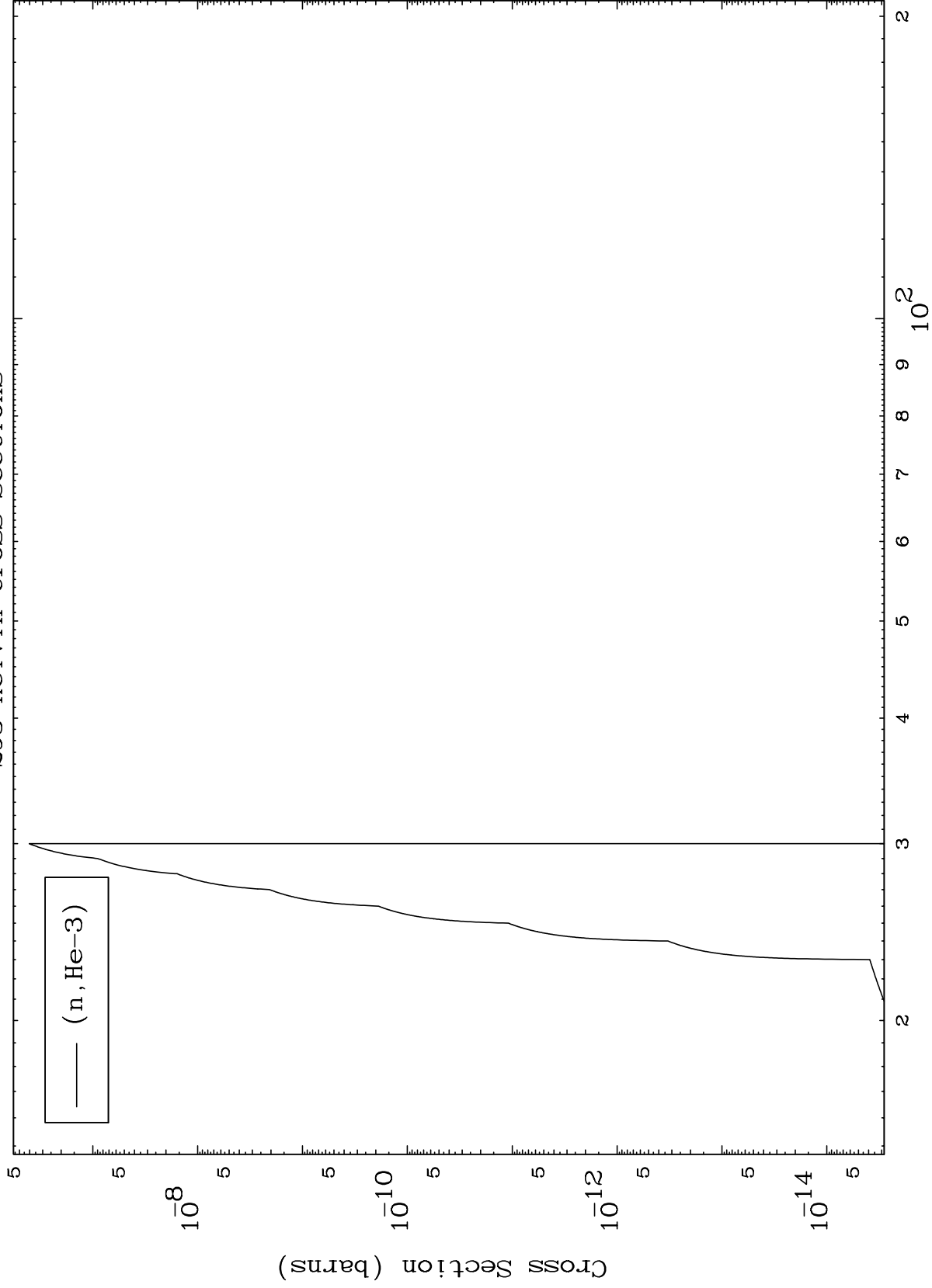
Incident Energy (MeV)

57-La-149

MAT 5758

(n,He3) Levels
293 Kelvin Cross Sections

57-La-149



14

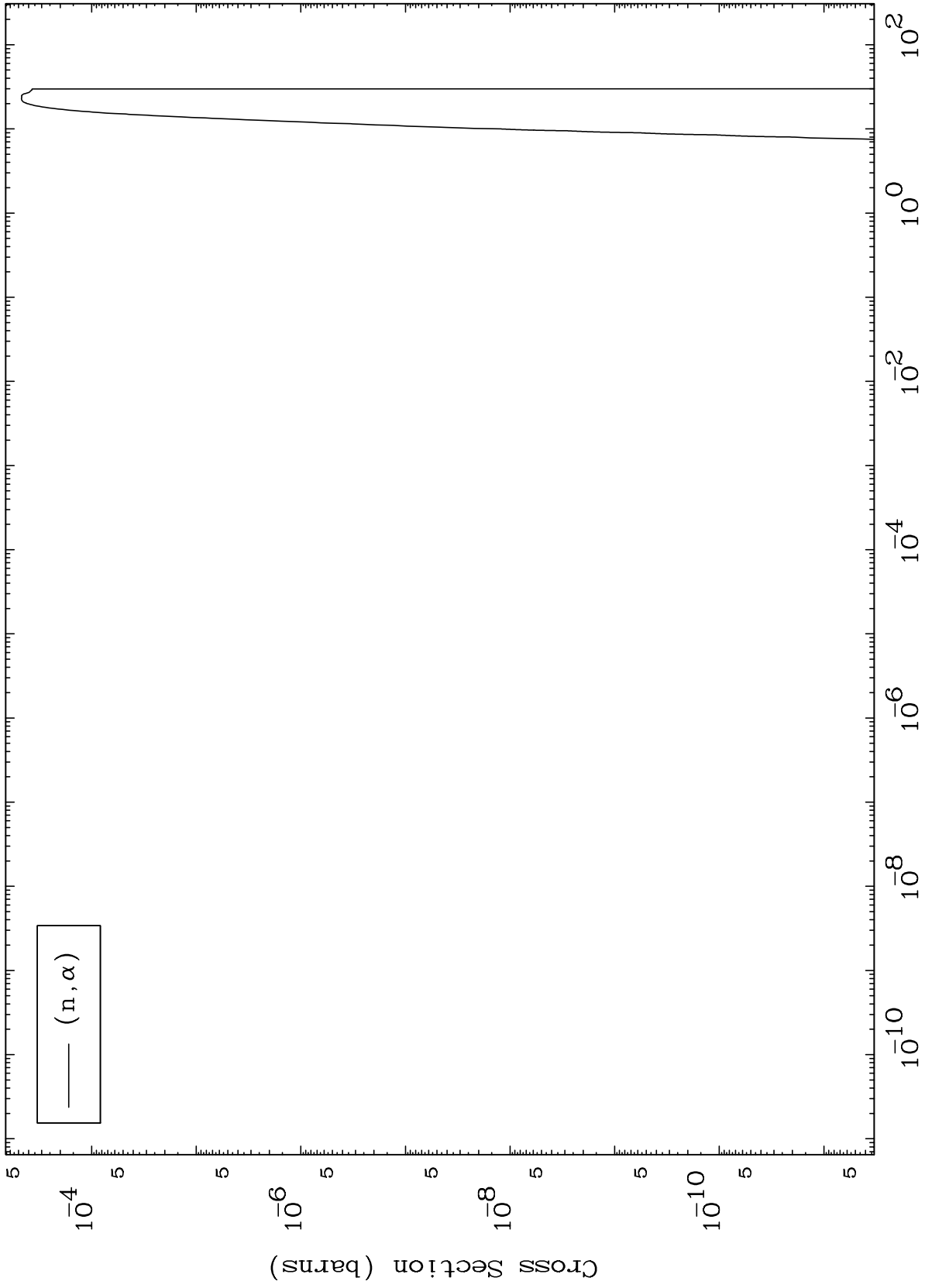
Incident Energy (MeV)

57-La-149

MAT 5758

(n, α) Levels
293 Kelvin Cross Sections

57-La-149



15

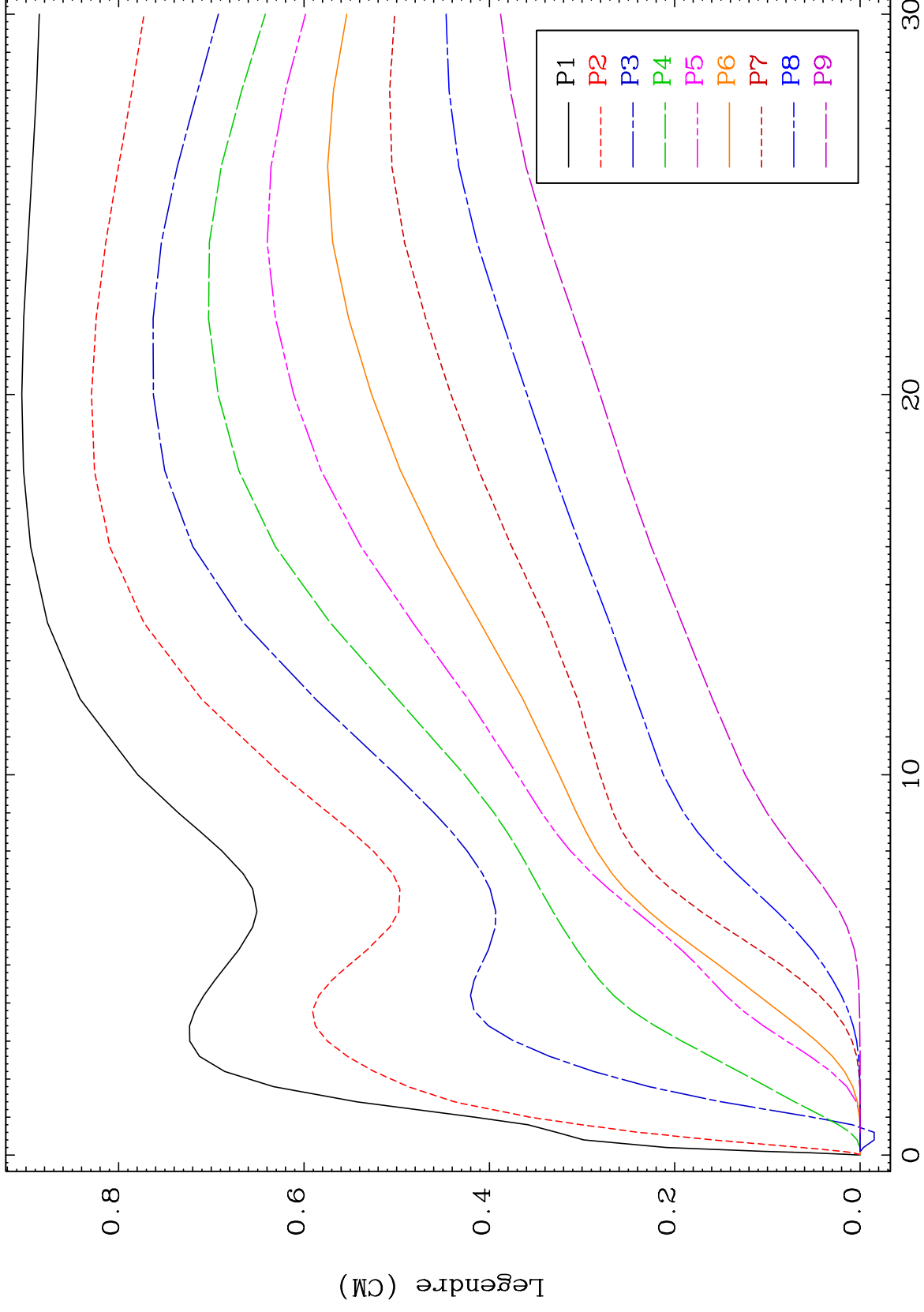
Incident Energy (MeV)

57-La-149

MAT 5758

57-La-149

Elastic Legendre Coefficients



57-La-149

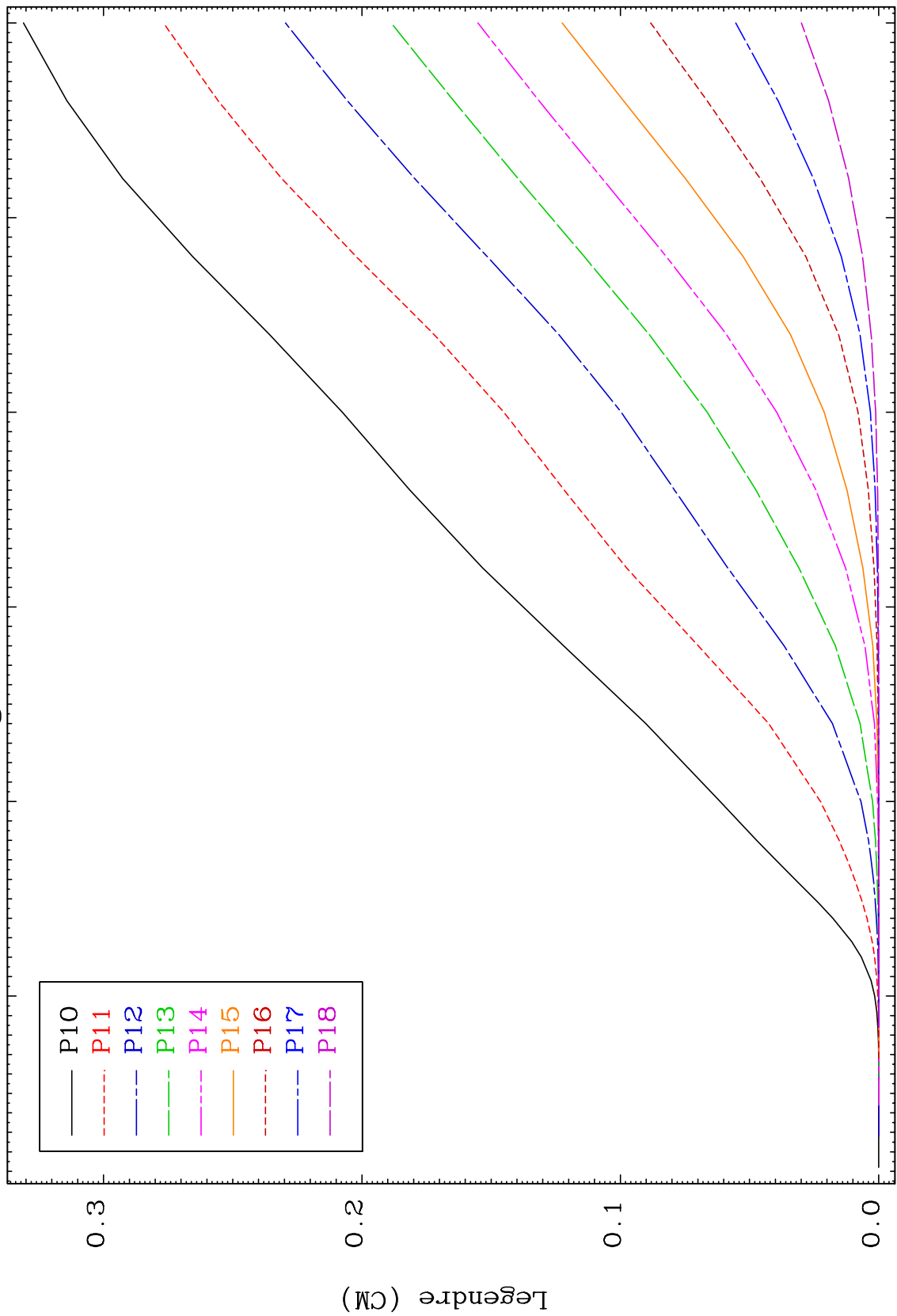
Incident Energy (MeV)

16

MAT 5758

Elastic Legendre Coefficients

57-La-149



17

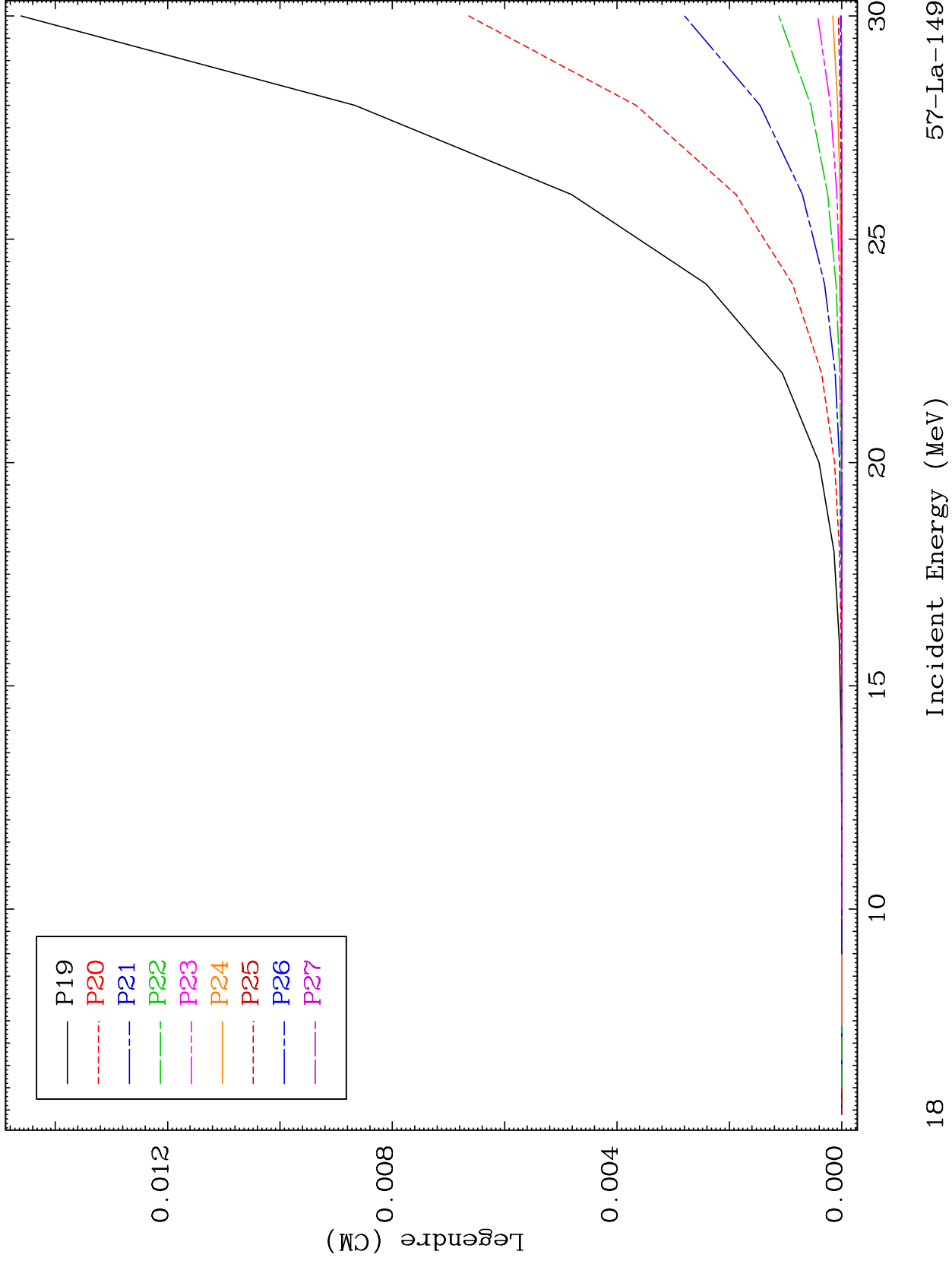
Incident Energy (MeV)

57-La-149

MAT 5758

Elastic
Legendre Coefficients

57-La-149



18

Incident Energy (MeV)

57-La-149

30

25

20

15

10

Legendre (CM)

0.012

0.008

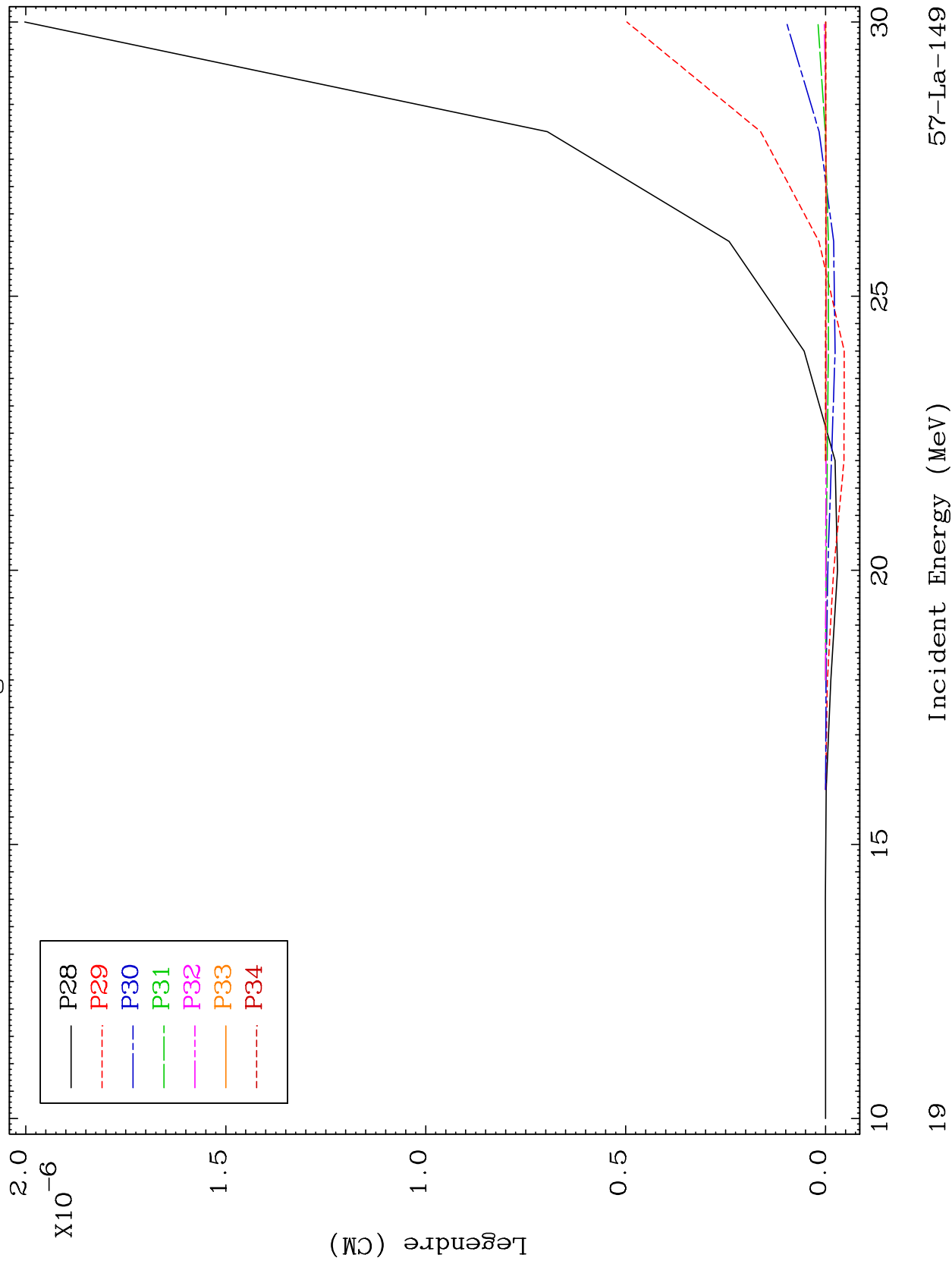
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MAT 5758

Elastic
Legendre Coefficients

57-La-149



57-La-149

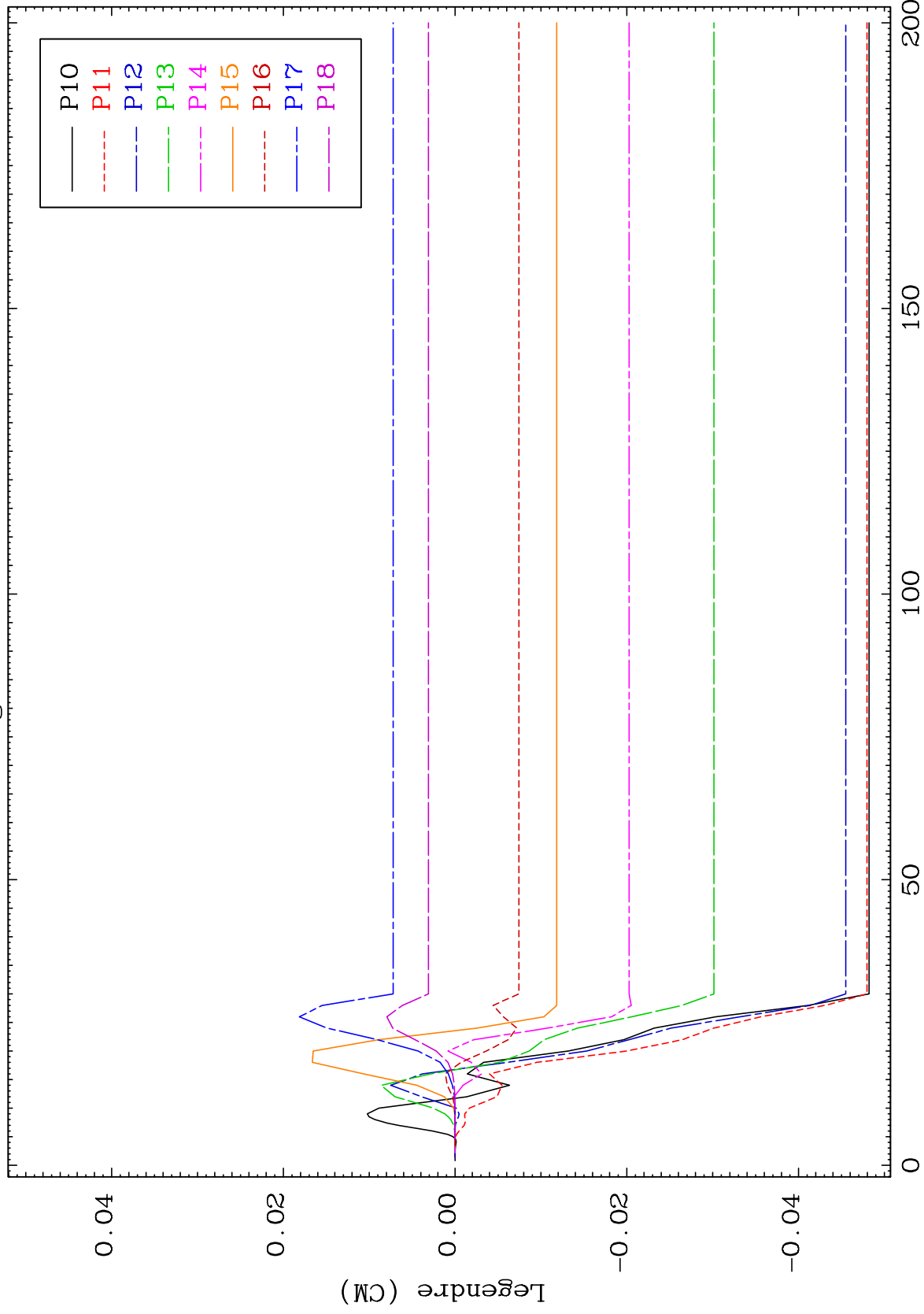
Incident Energy (MeV)

19

MAT 5758

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

57-La-149



21

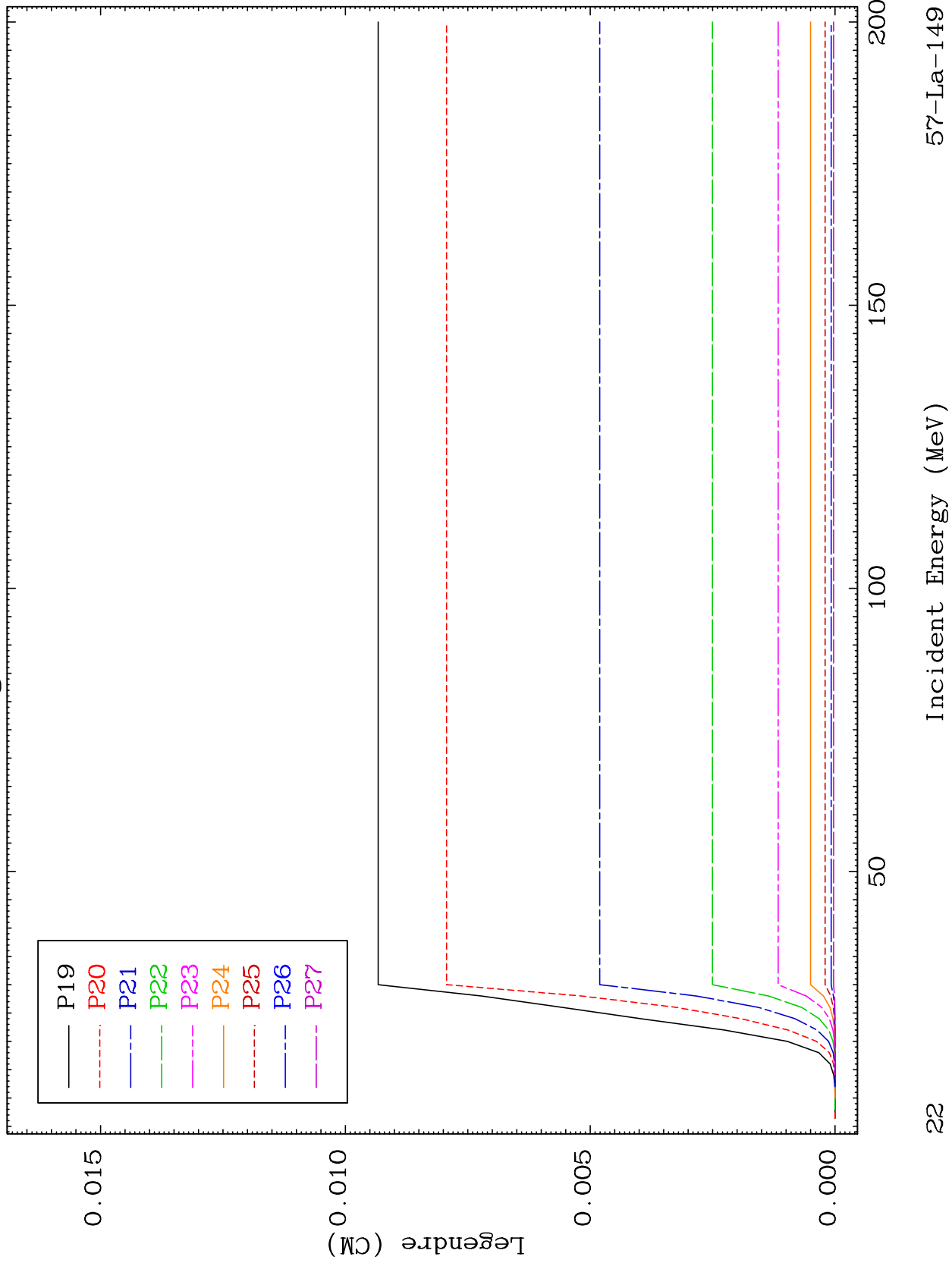
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



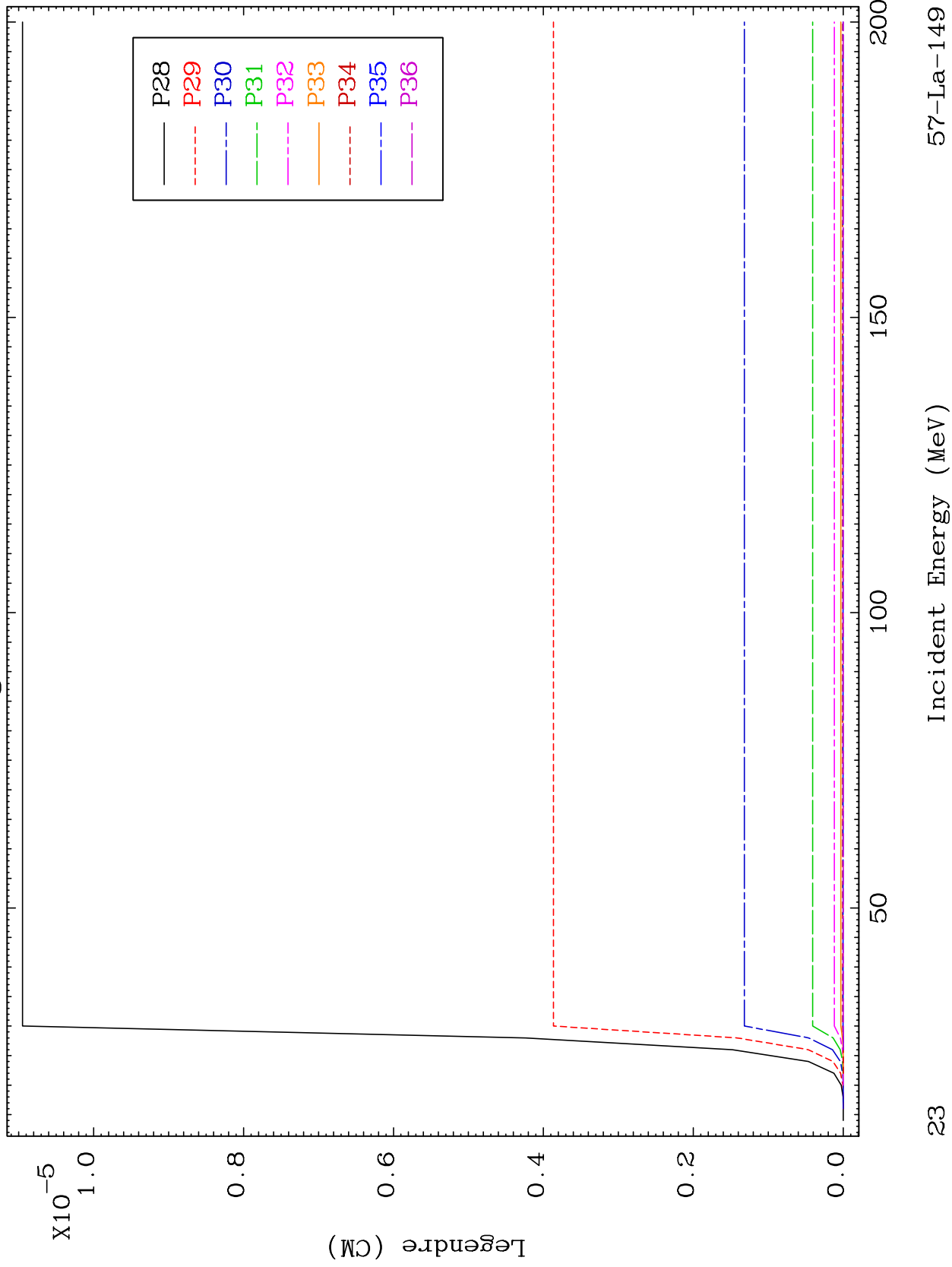
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57-La-149

MAT 5758

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

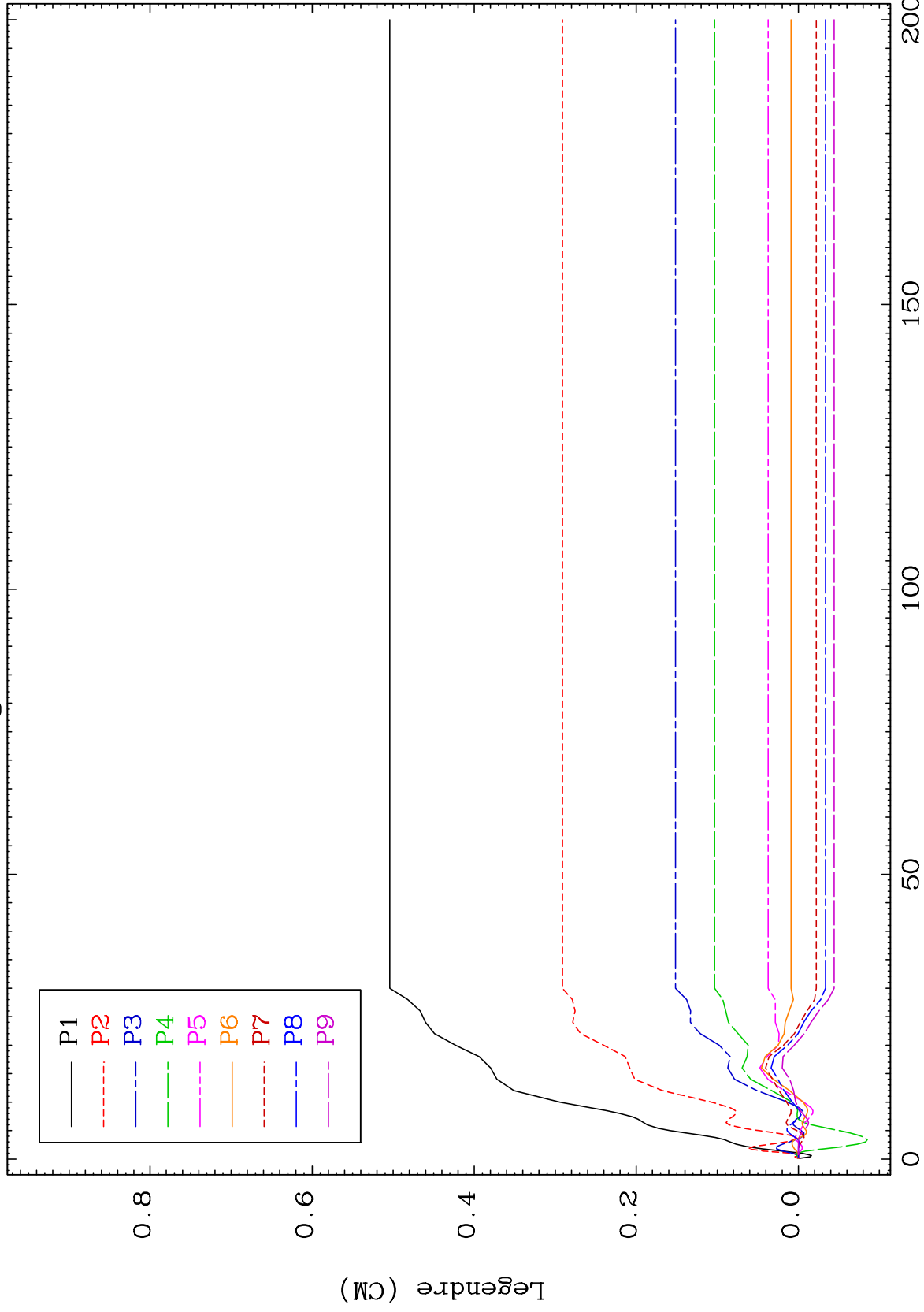
57-La-149



MAT 5758

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

57-La-149



24

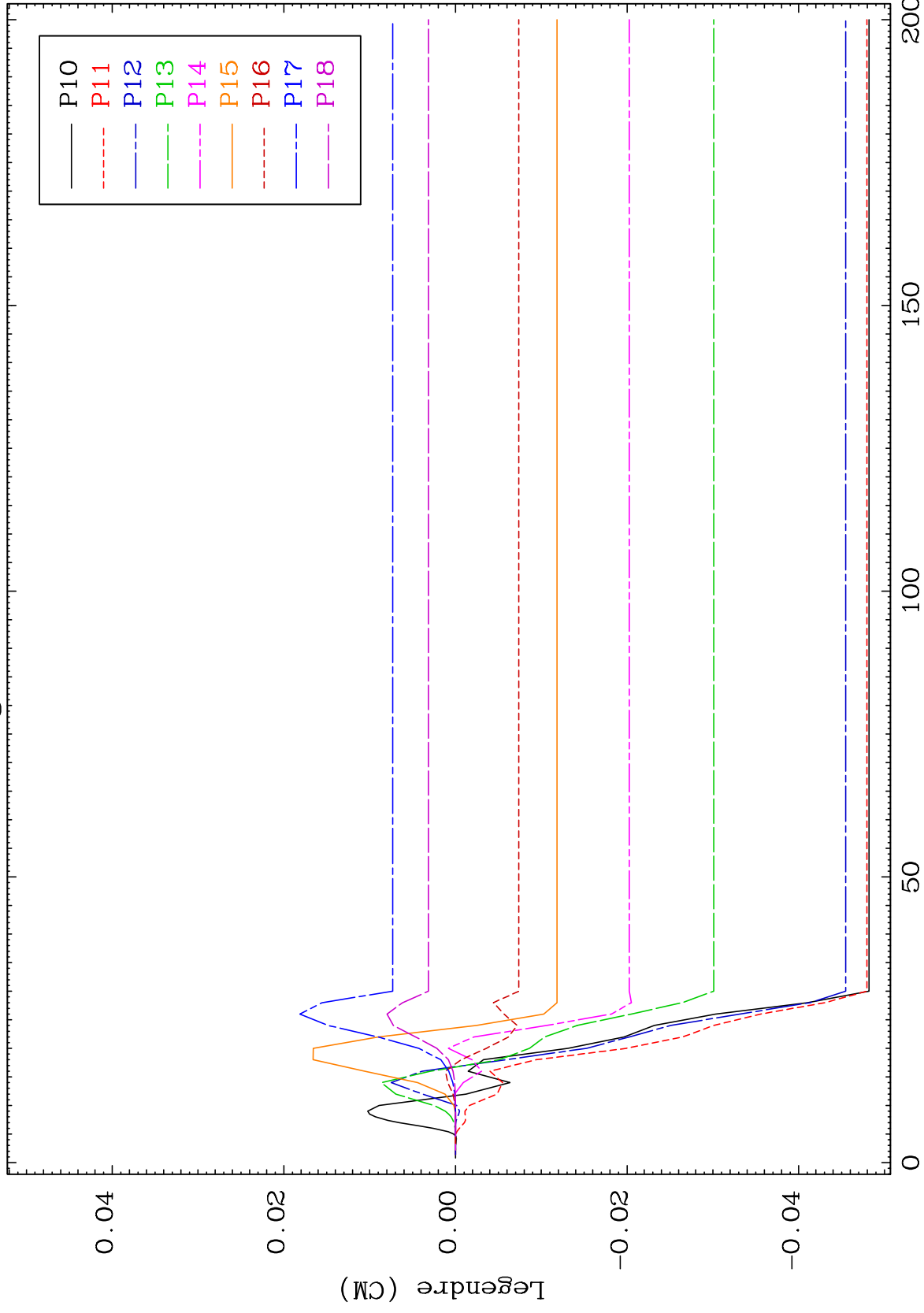
Incident Energy (MeV)

57-La-149

MAT 5758

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

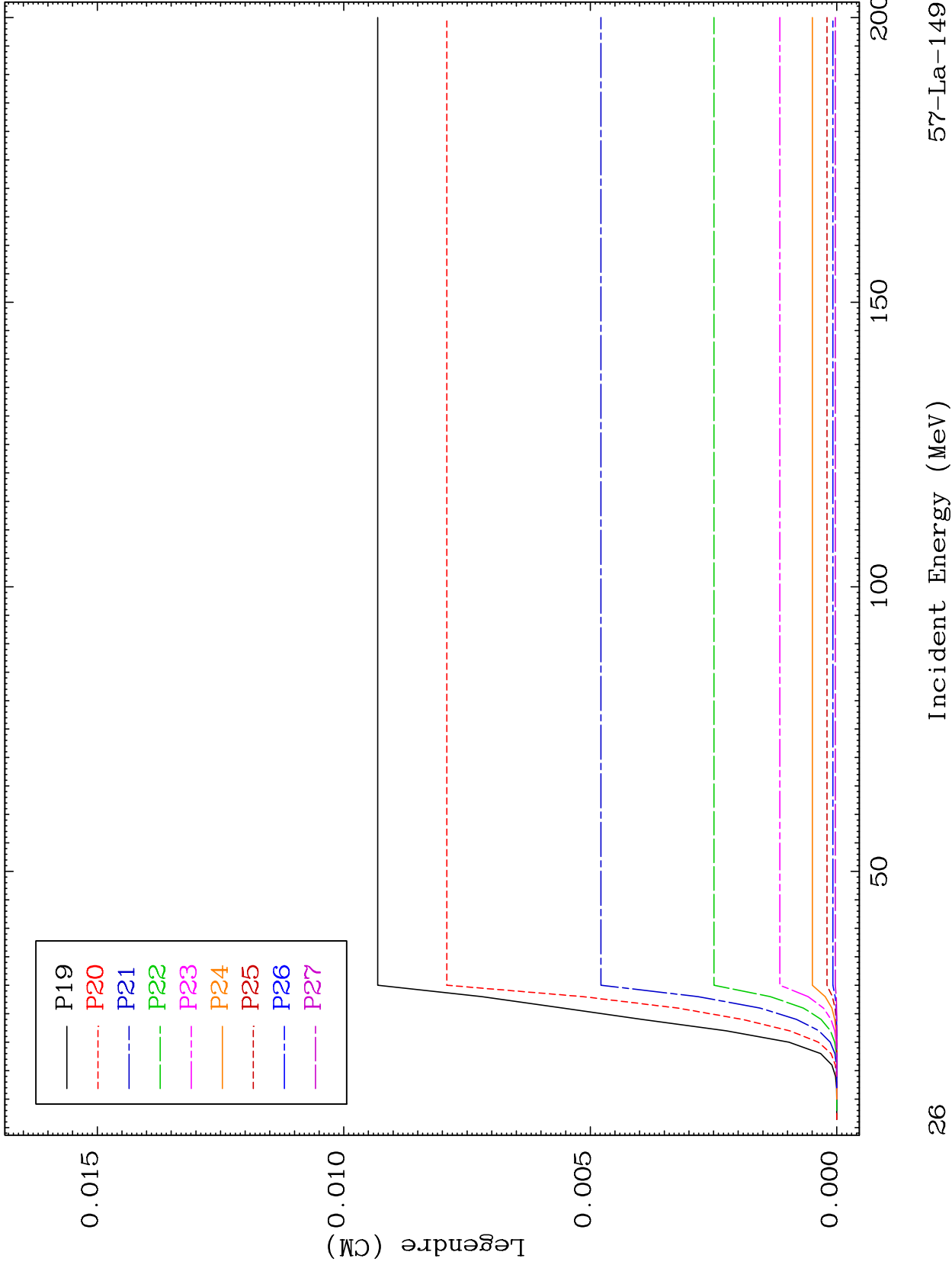
57-La-149



25

Incident Energy (MeV)

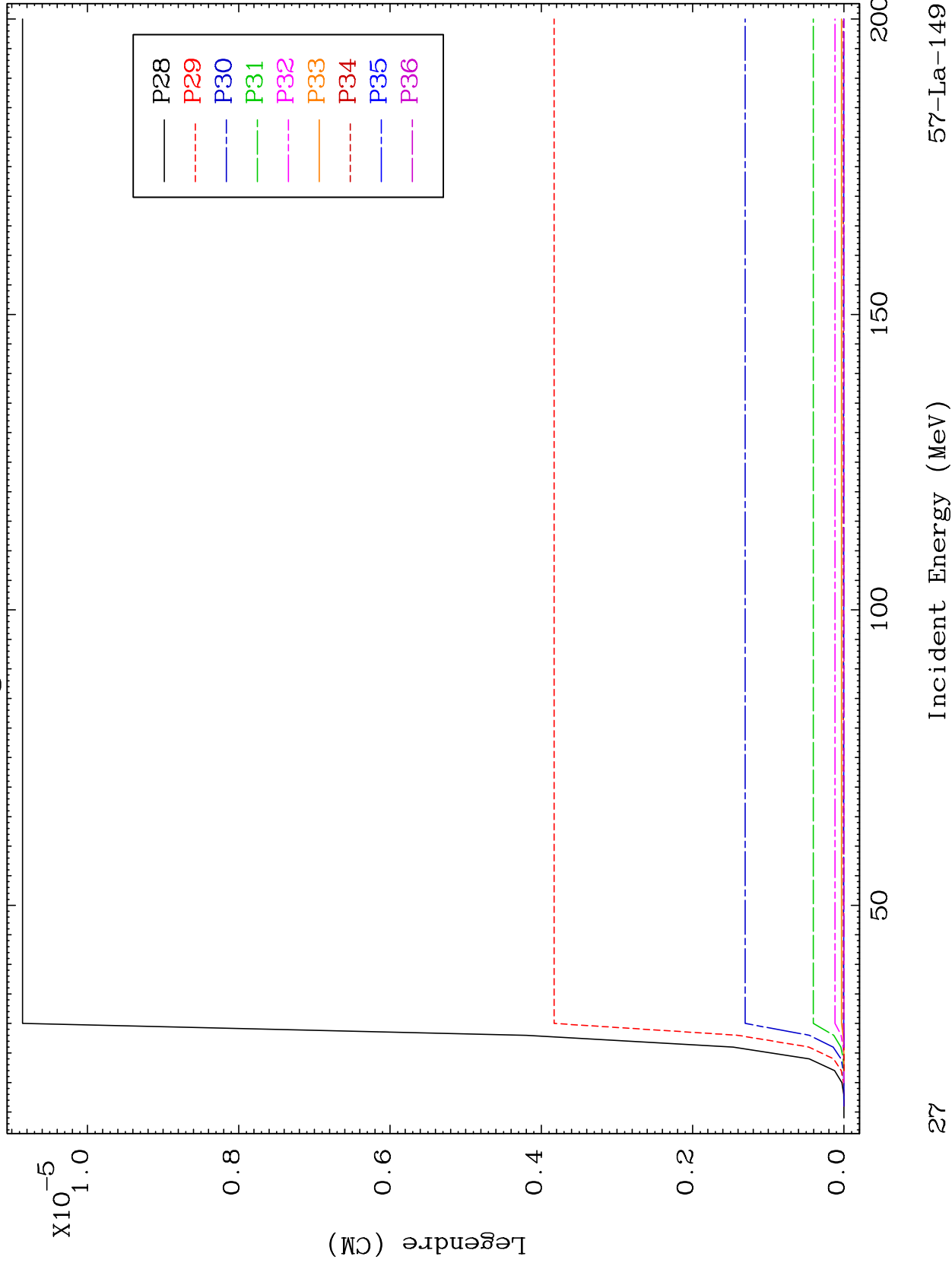
57-La-149



MAT 5758

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

57-La-149



27

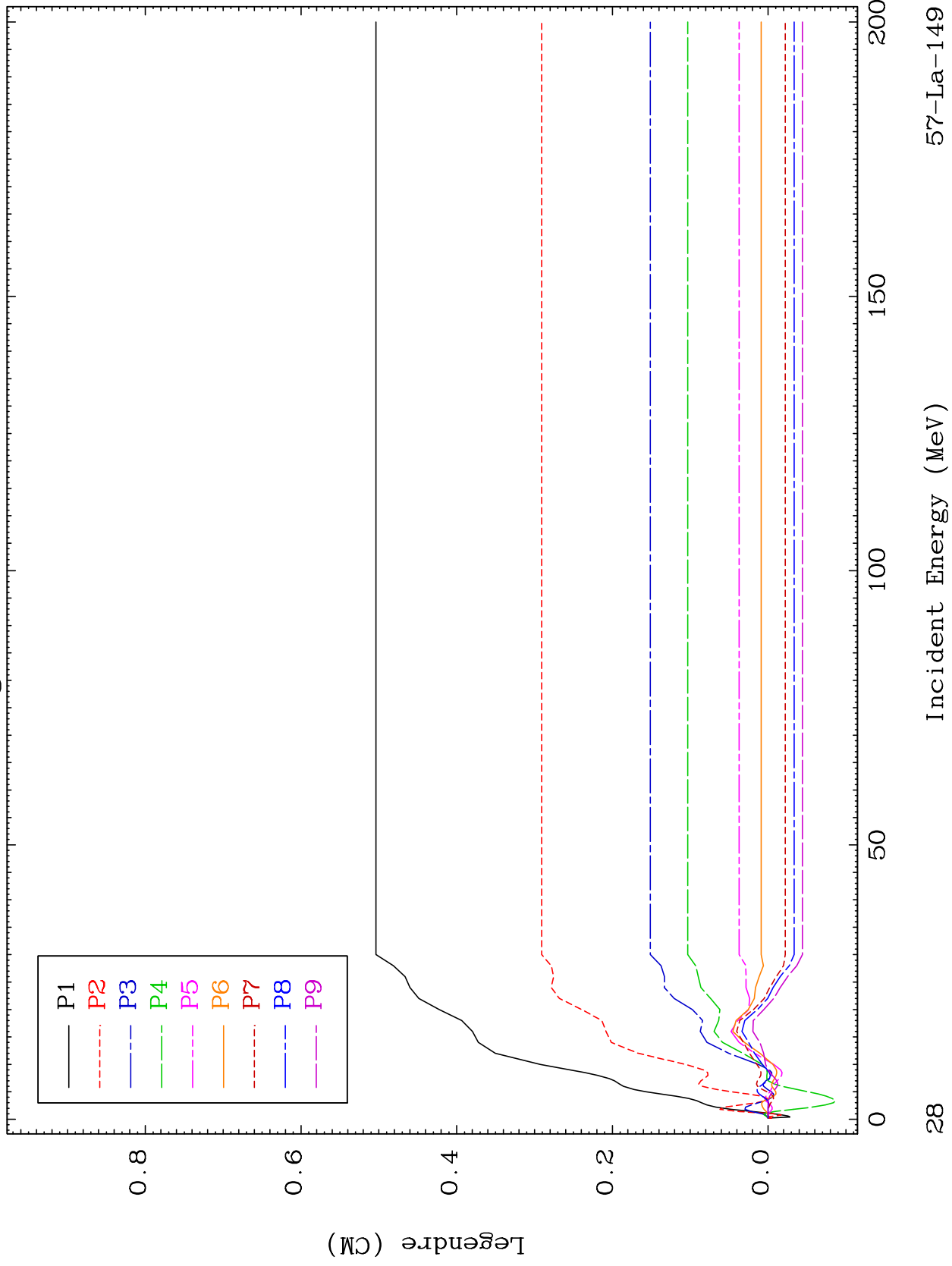
Incident Energy (MeV)

57-La-149

MAT 5758

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

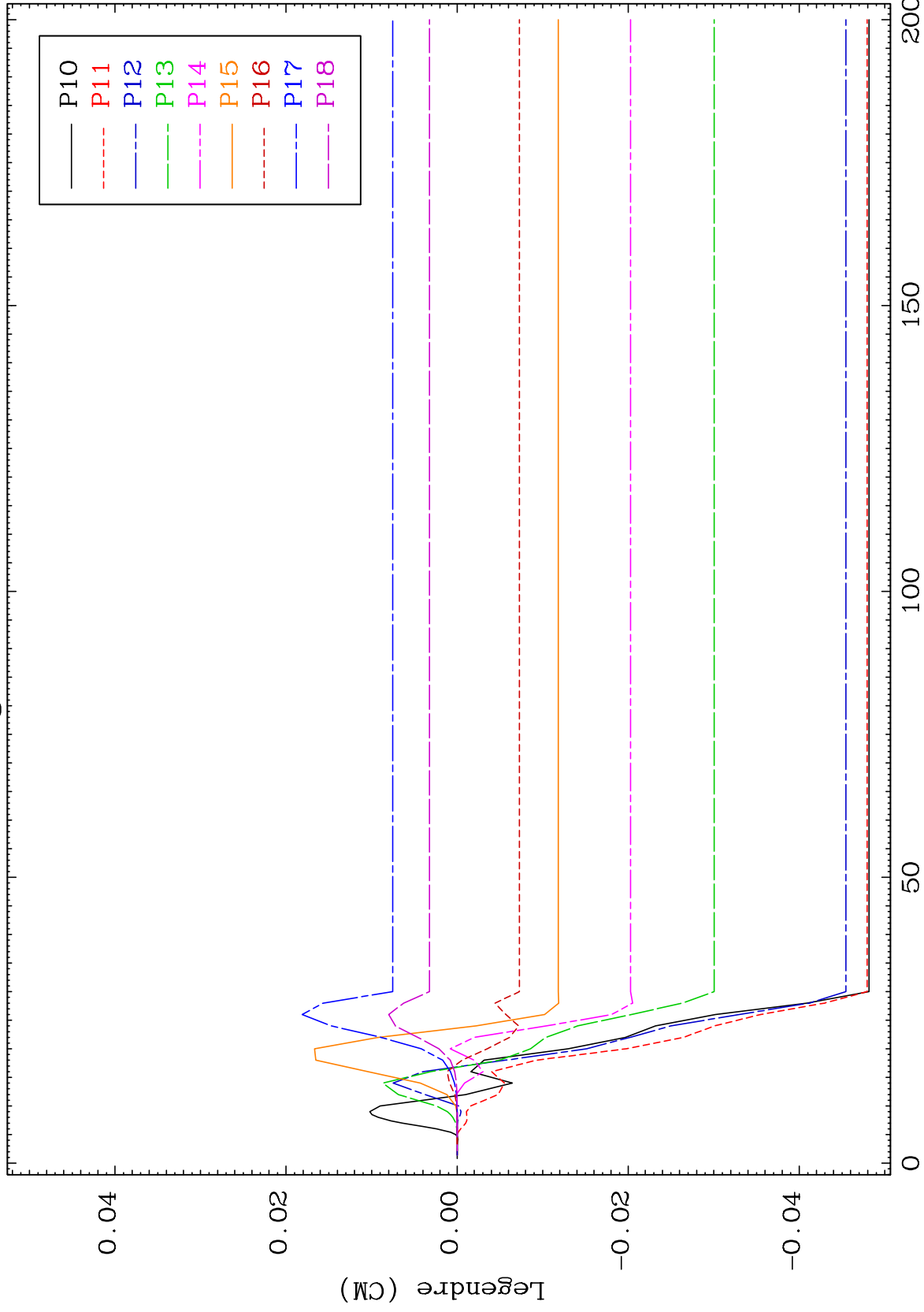
57-La-149



MAT 5758

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

57-La-149



29

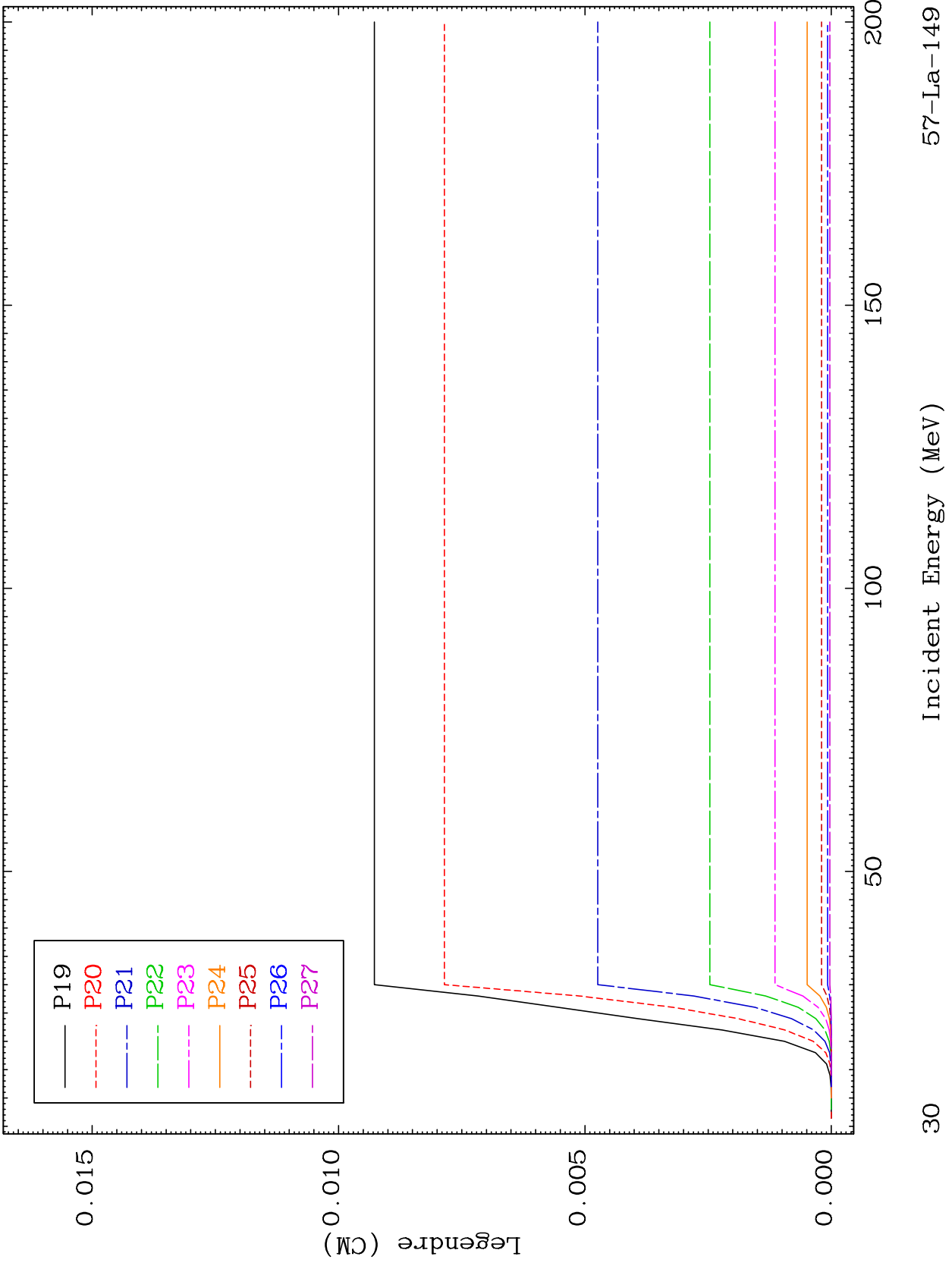
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

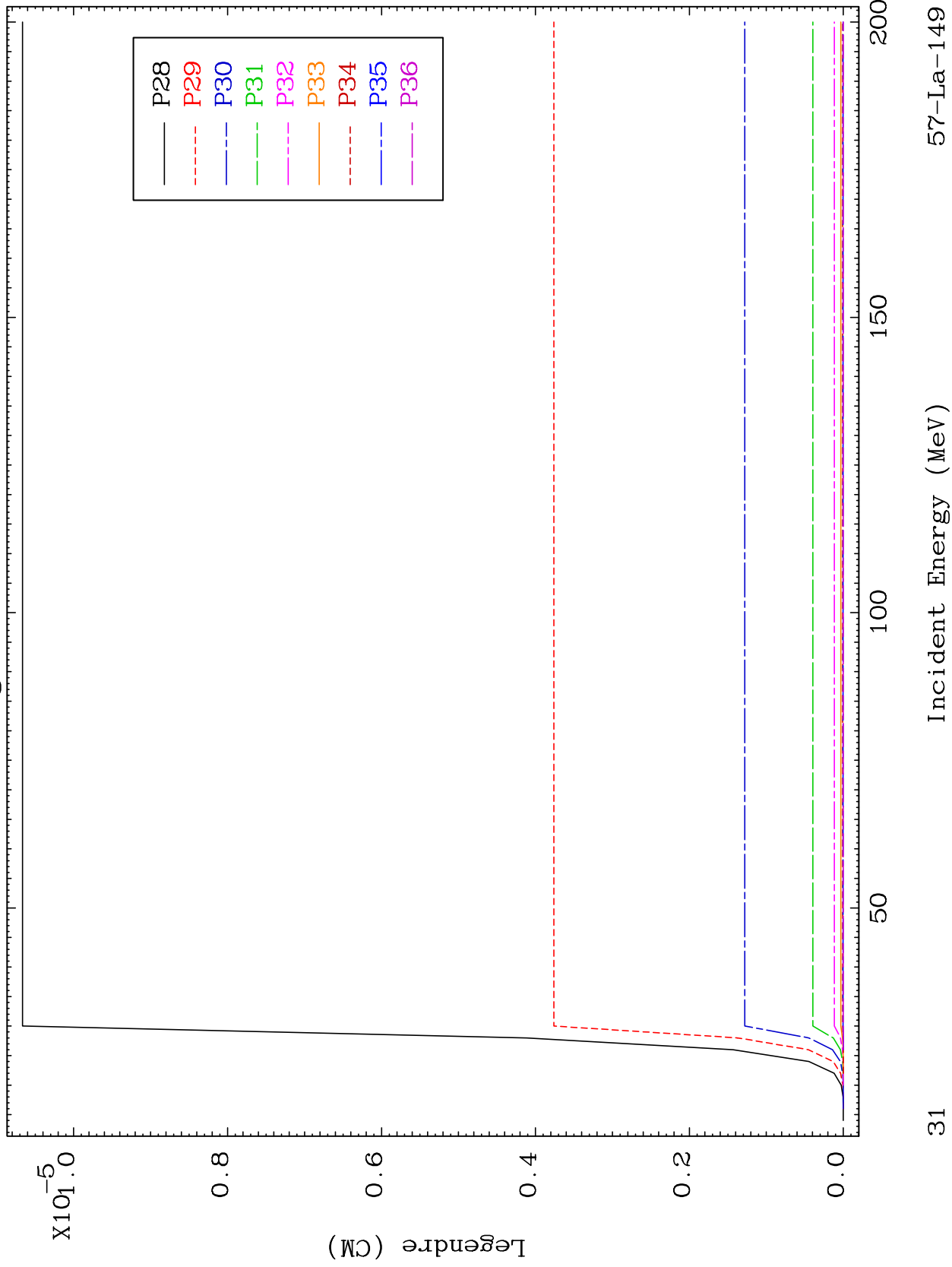
Incident Energy (MeV)

30

MAT 5758

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

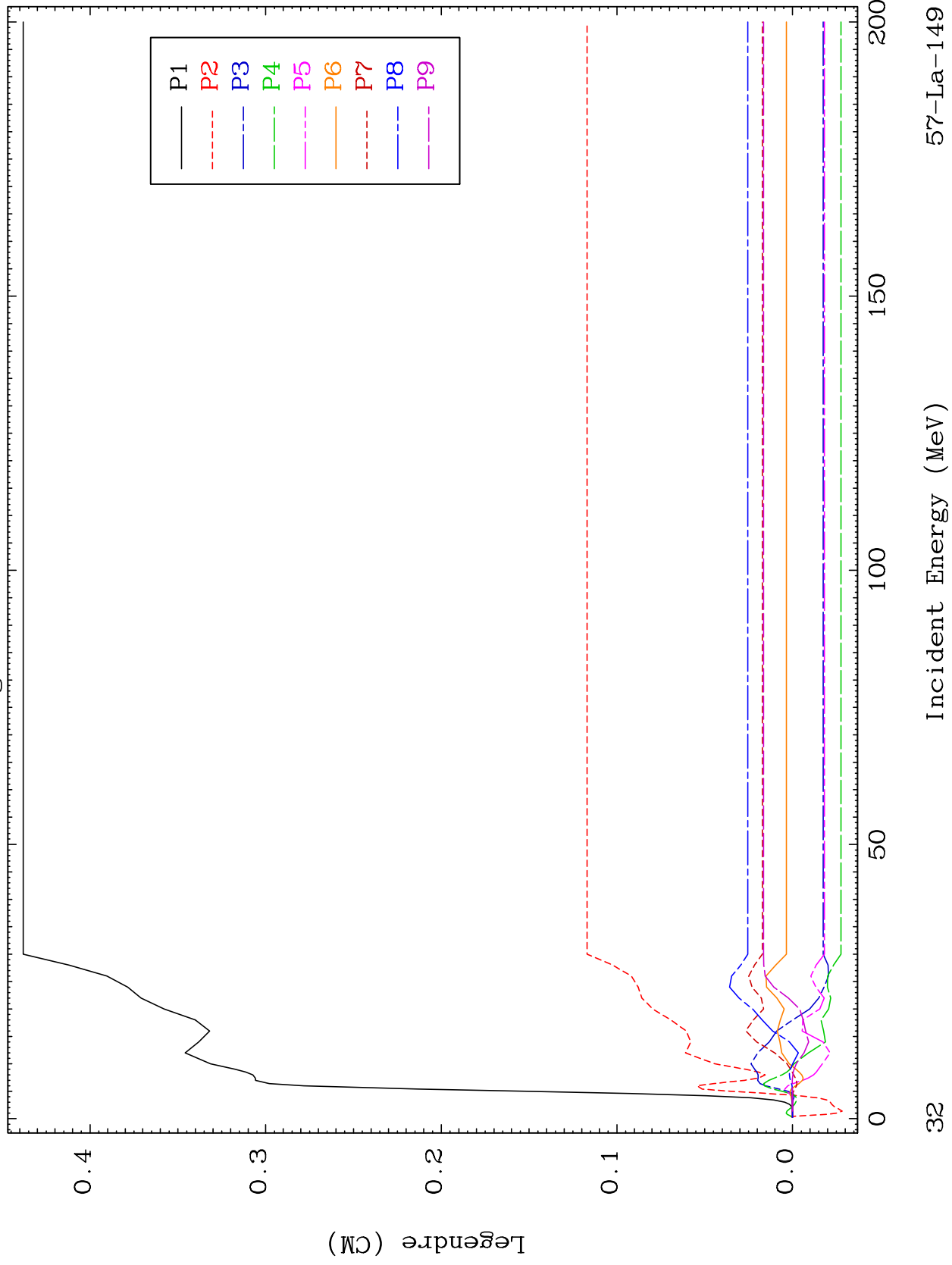
57-La-149



MAT 5758

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

57-La-149



57-La-149

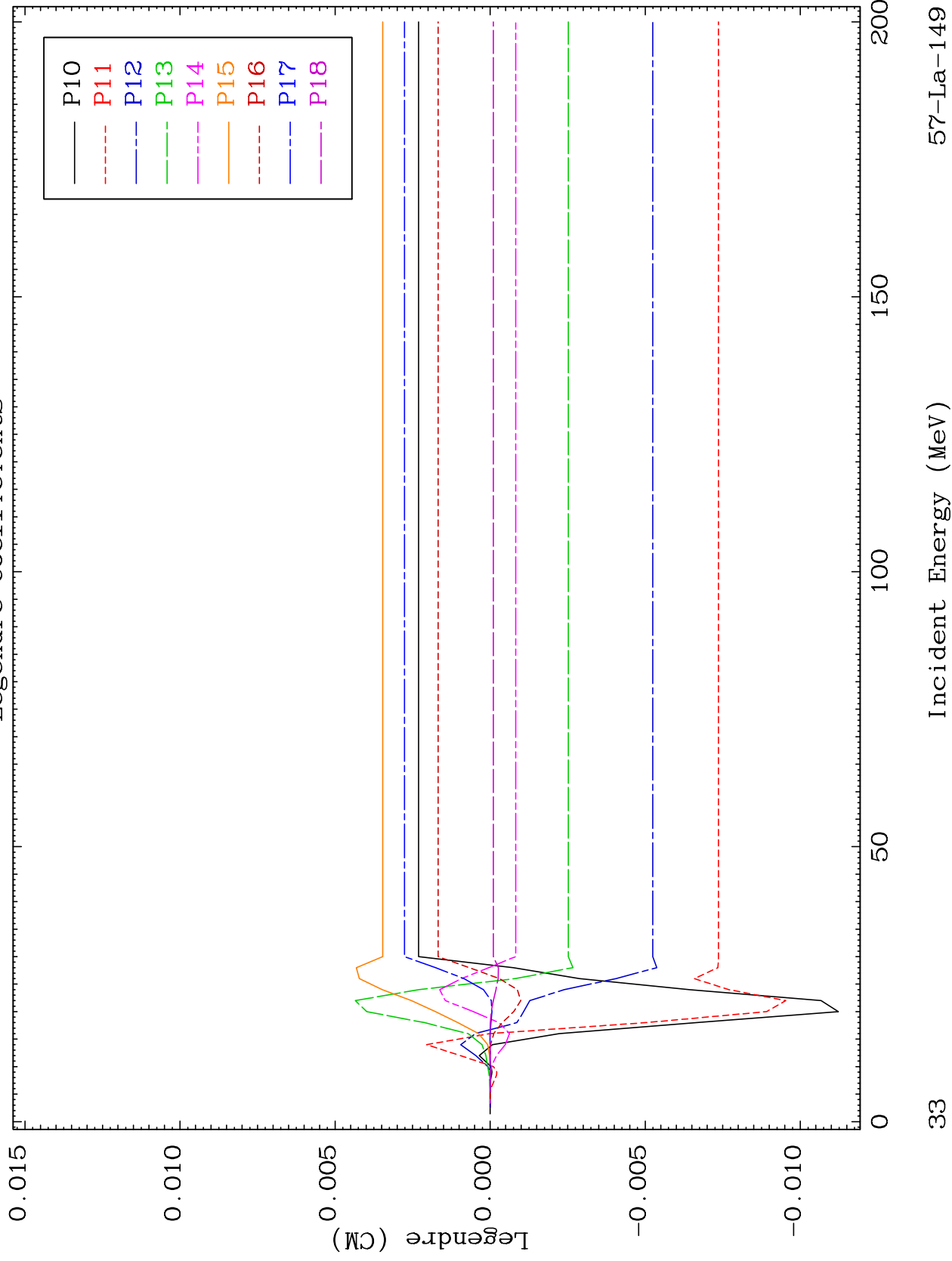
Incident Energy (MeV)

32

MAT 5758

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

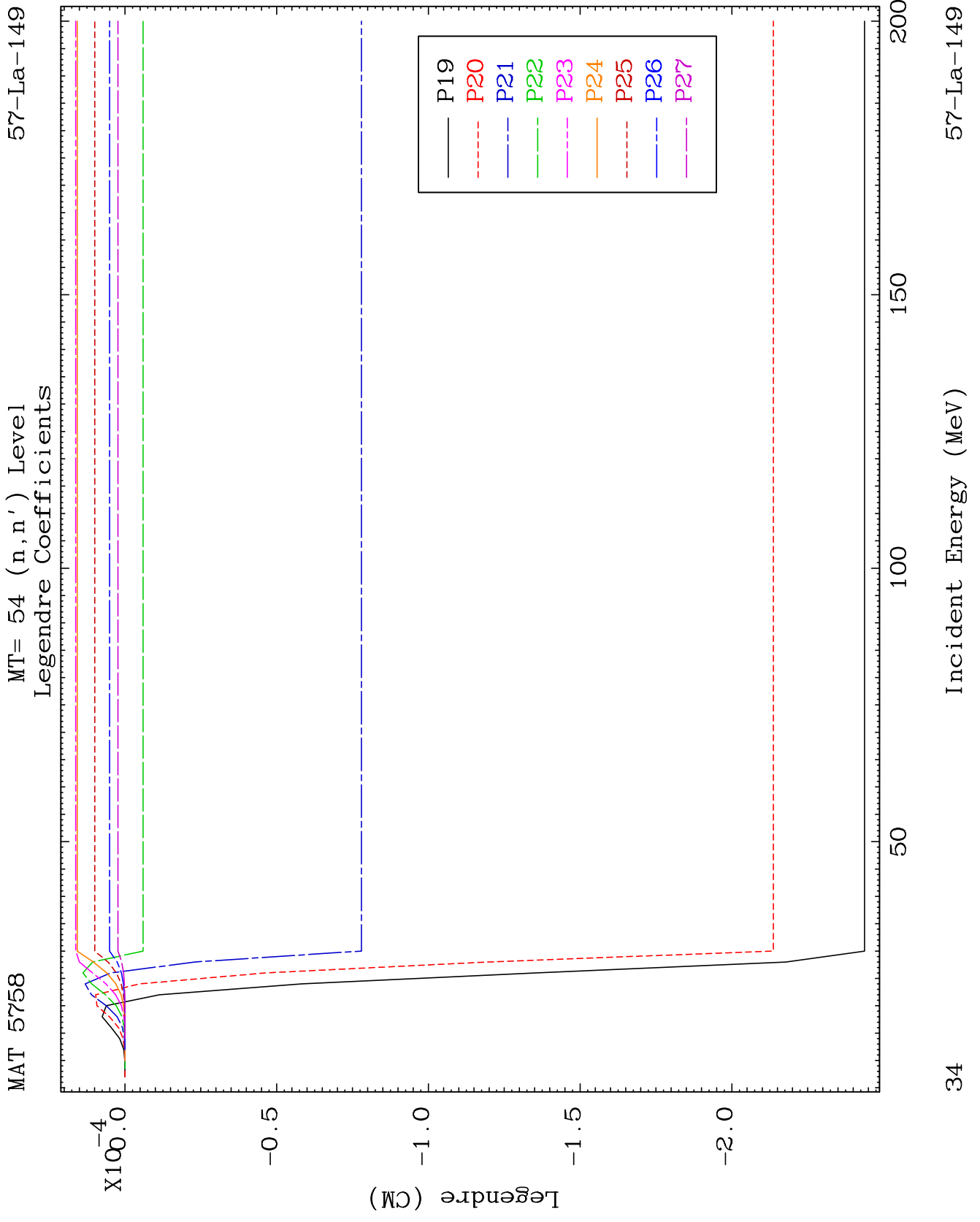
57-La-149



33

Incident Energy (MeV)

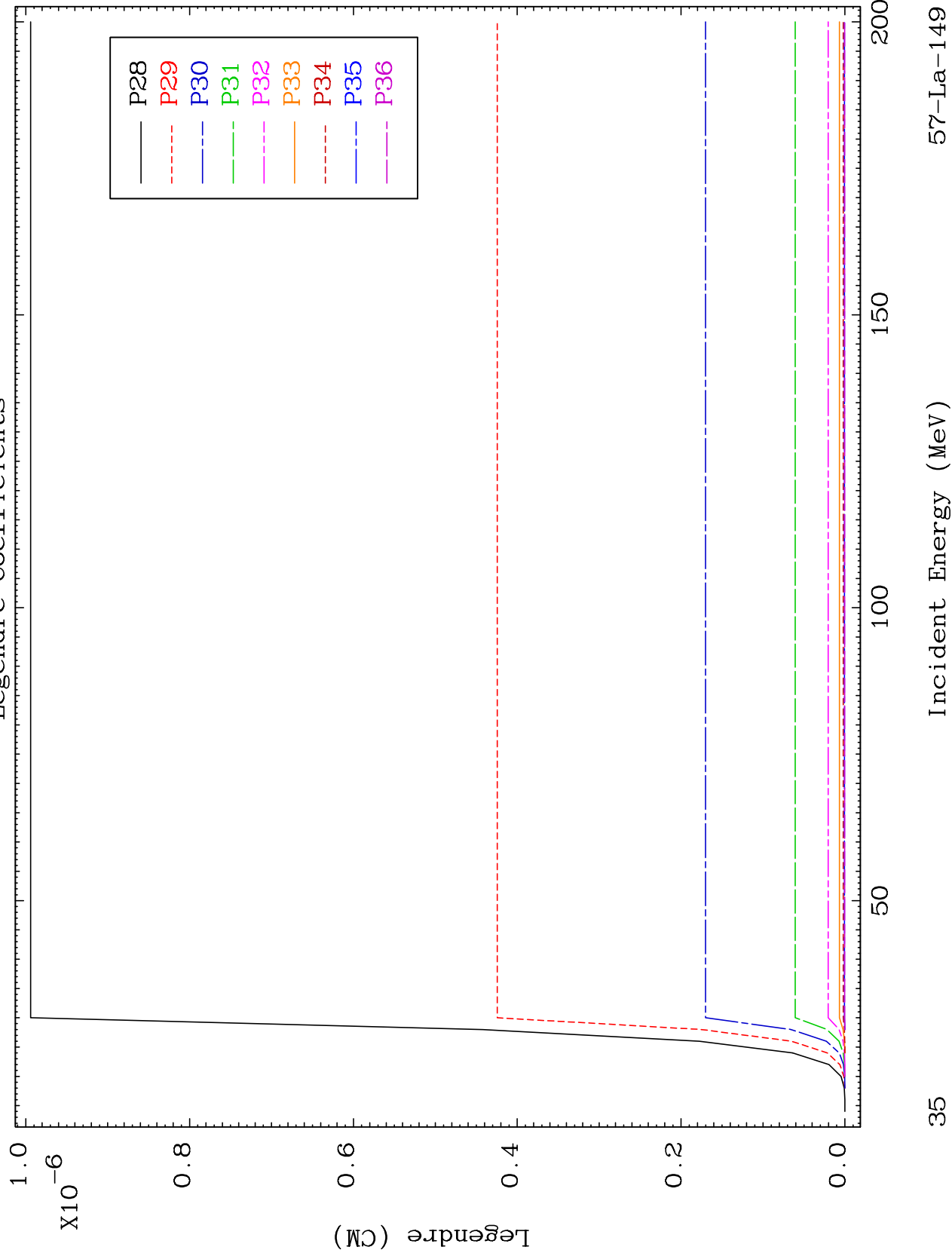
57-La-149



MAT 5758

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

57-La-149



35

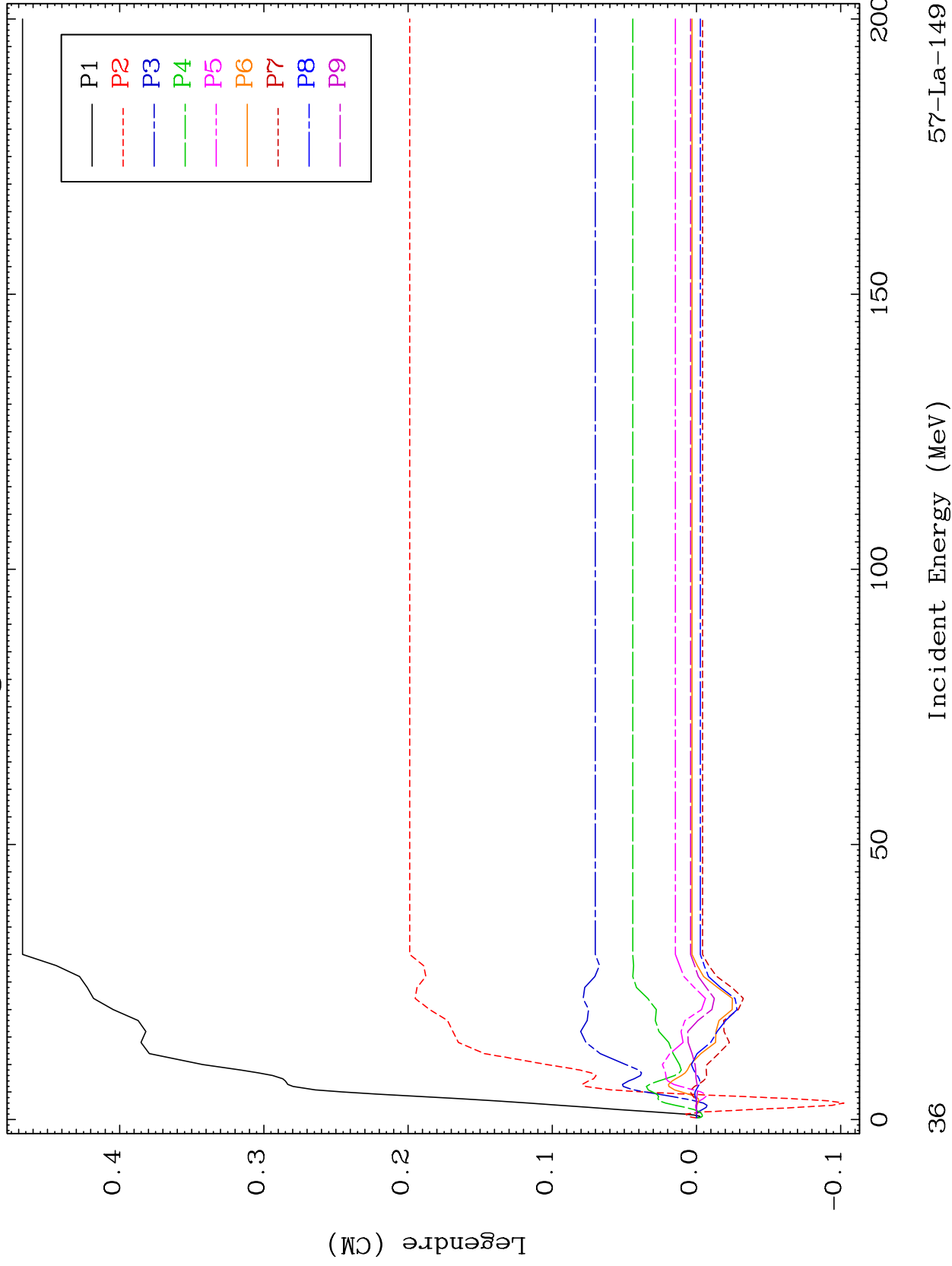
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

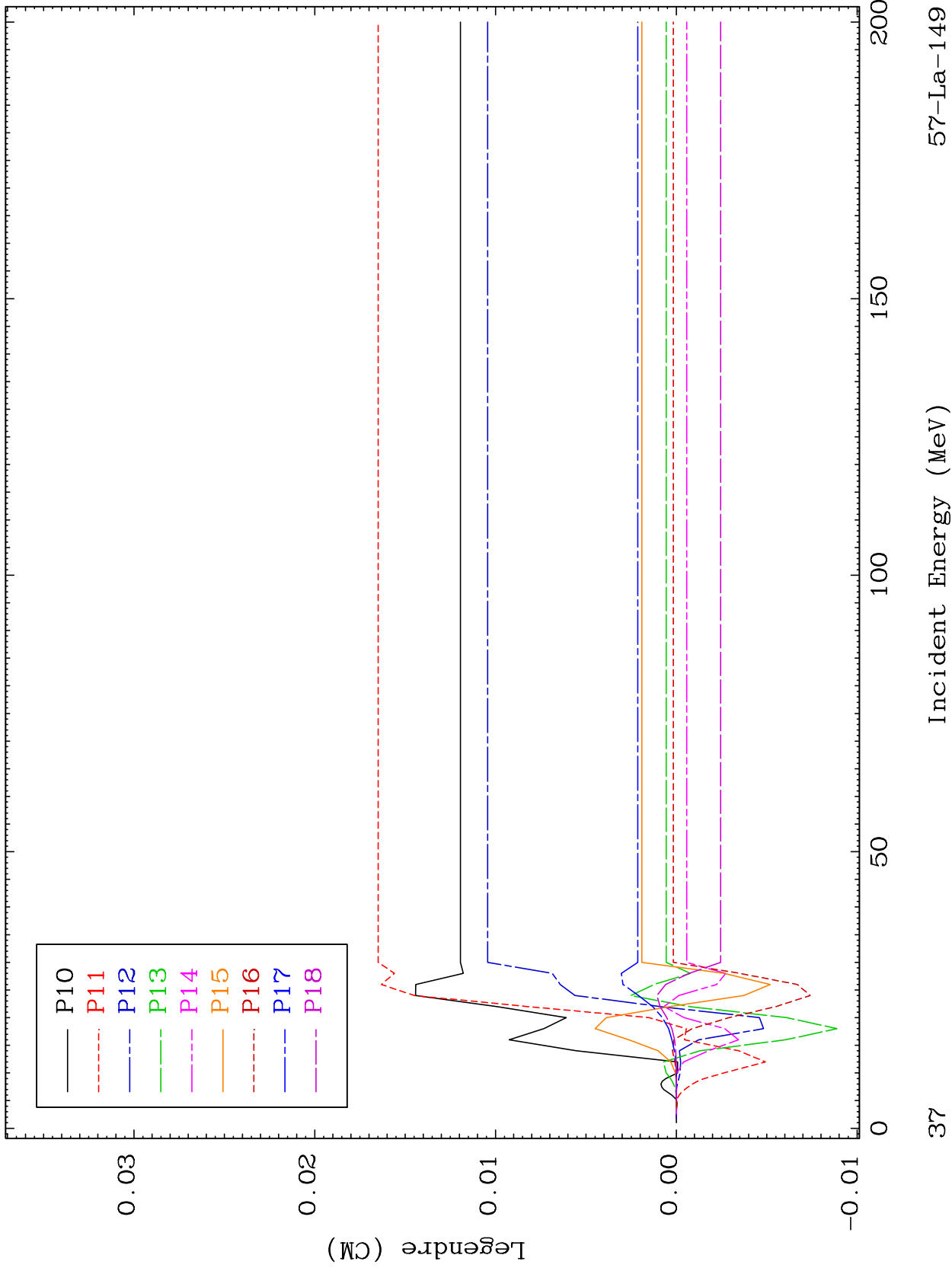
Incident Energy (MeV)

36

MAT 5758

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

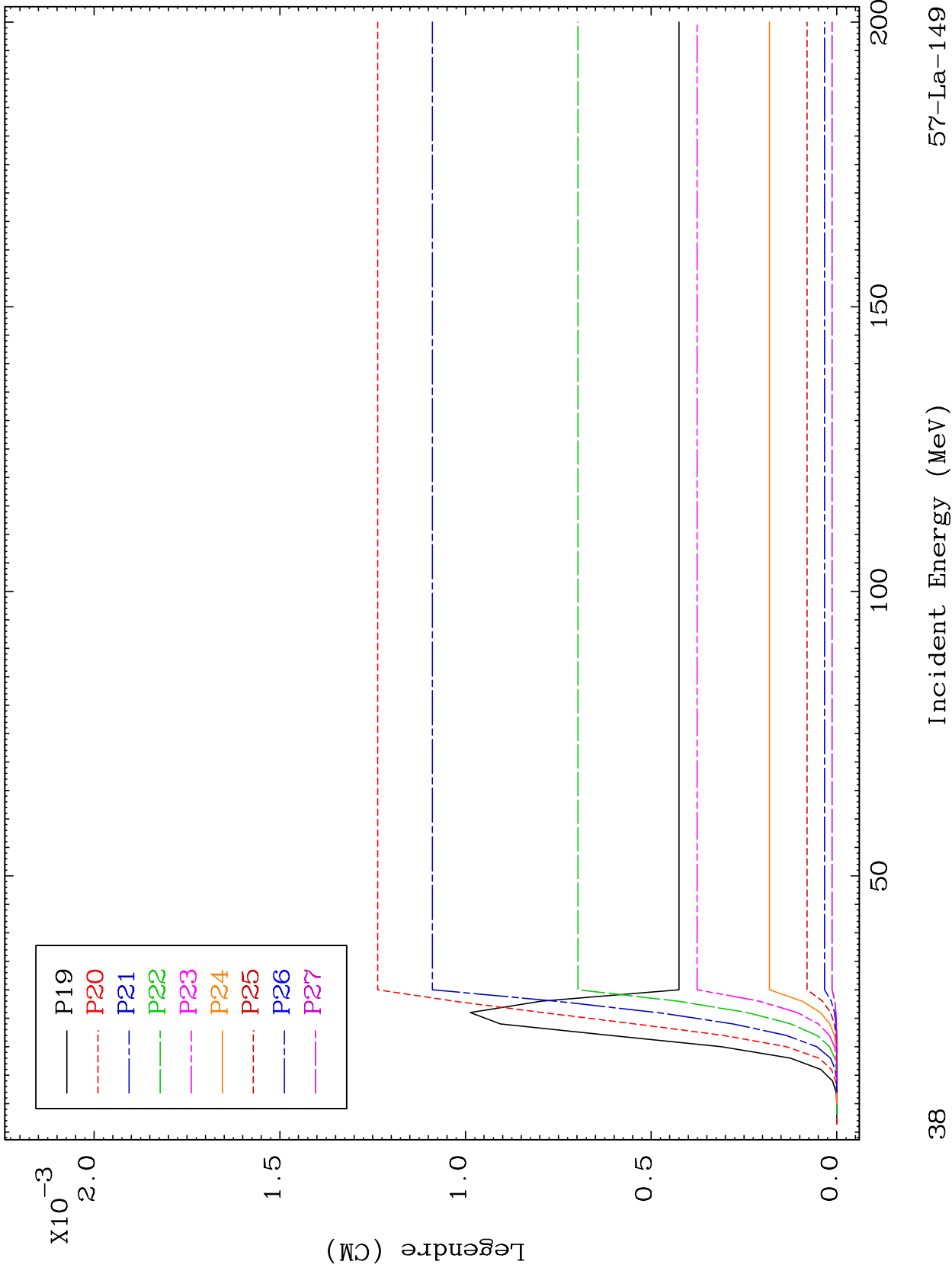
57-La-149



37

Incident Energy (MeV)

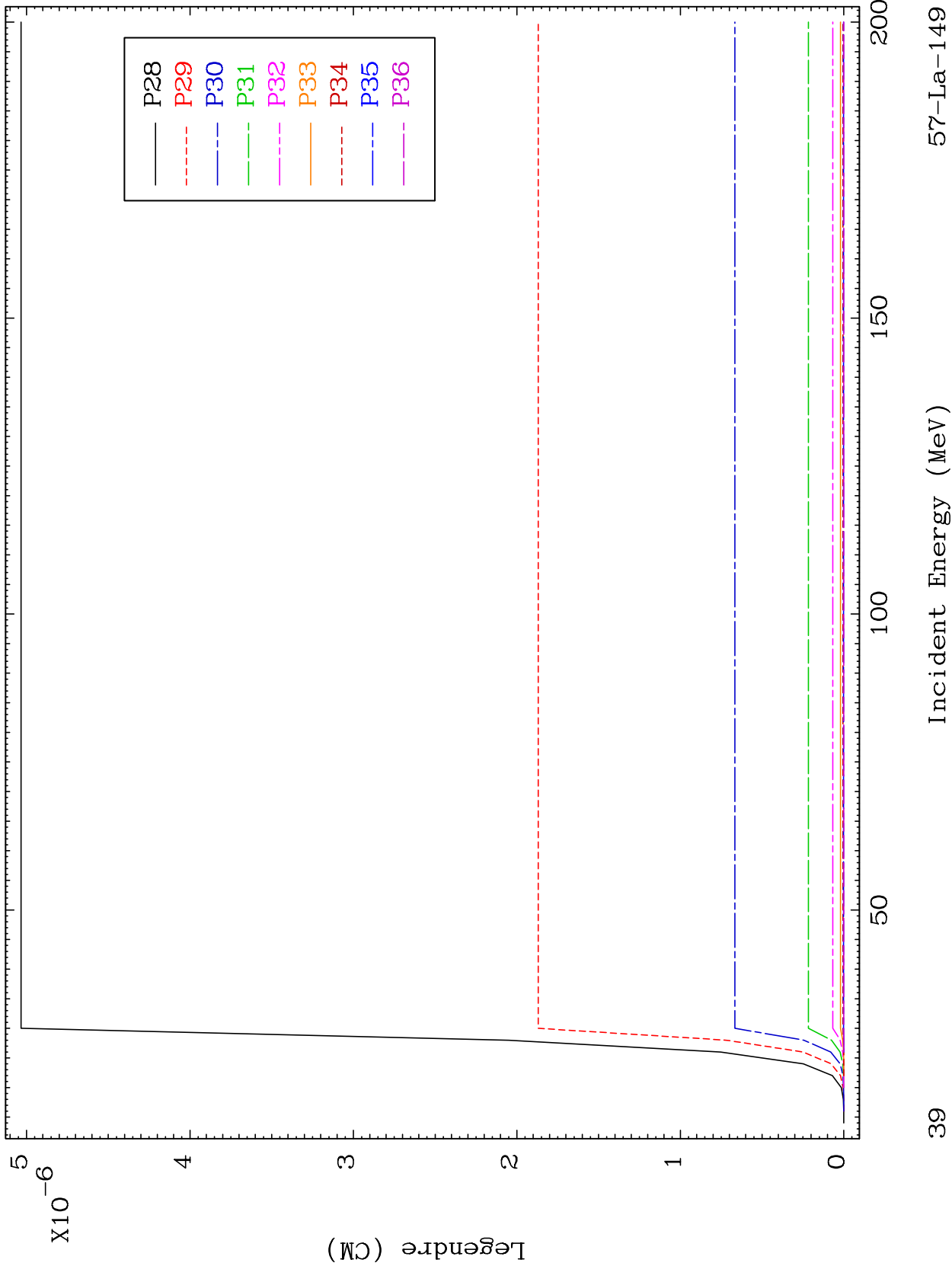
57-La-149



MAT 5758

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

57-La-149



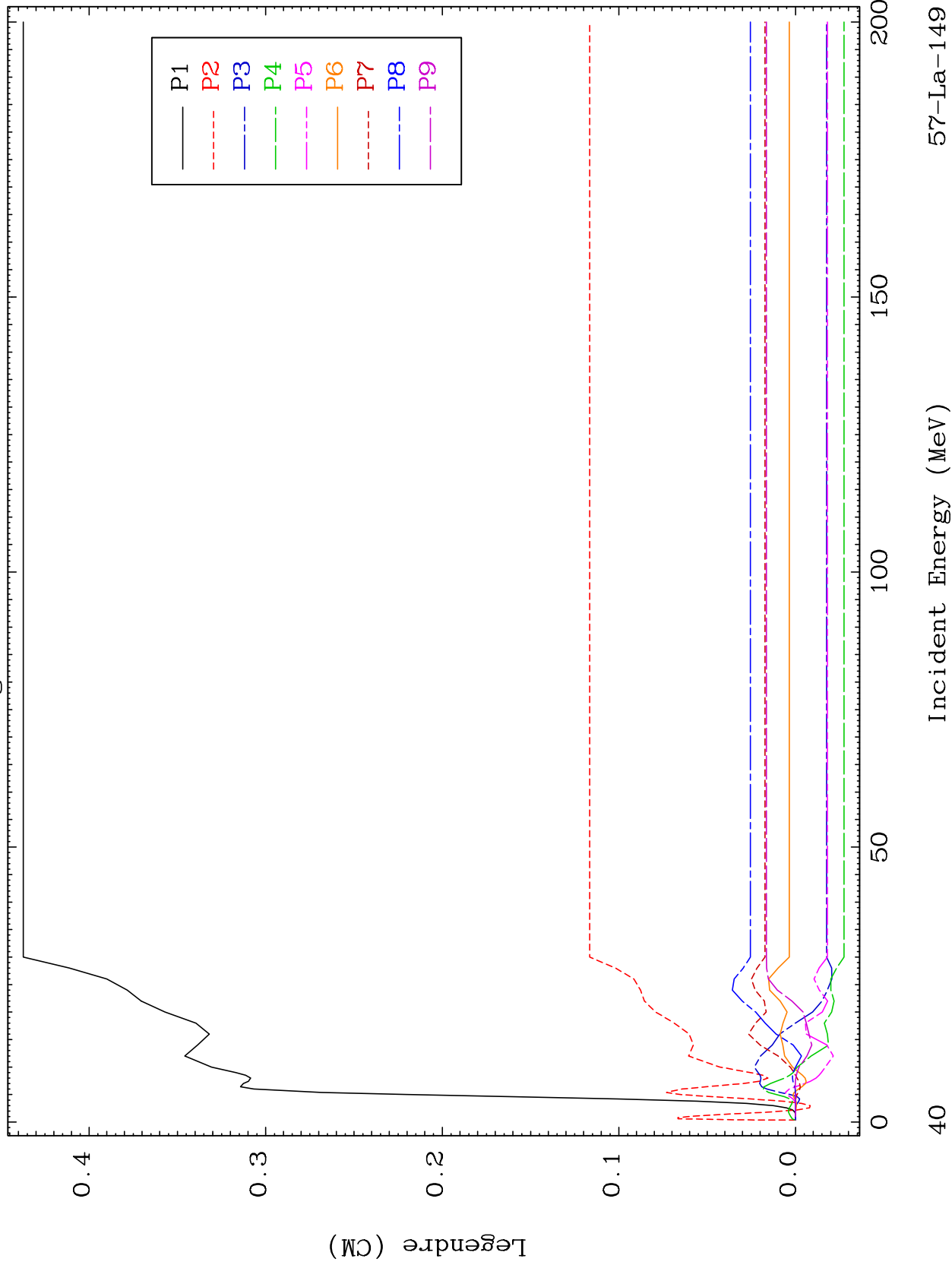
39

57-La-149

MAT 5758

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

57-La-149

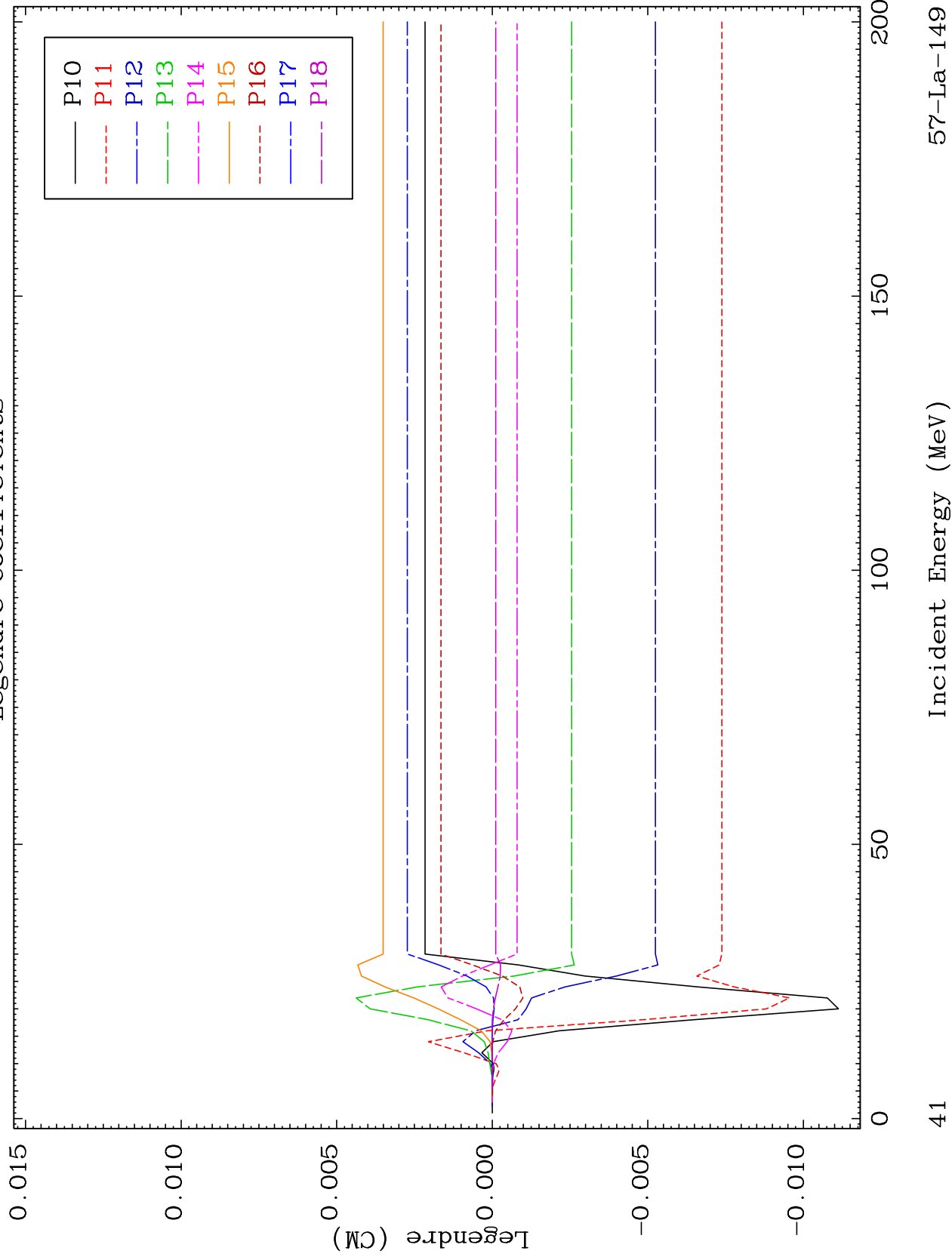


57-La-149

MAT 5758

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

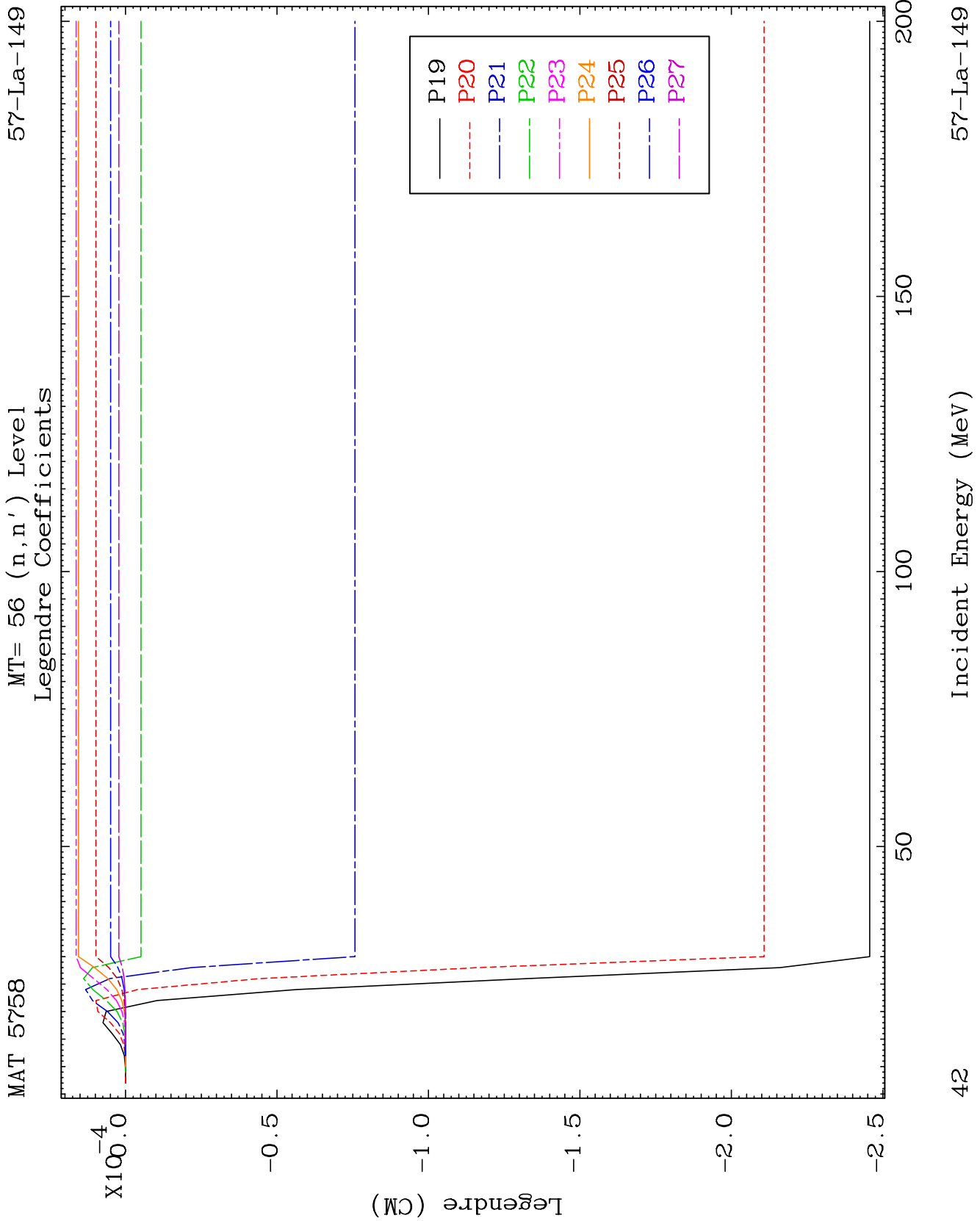
57-La-149



41

Incident Energy (MeV)

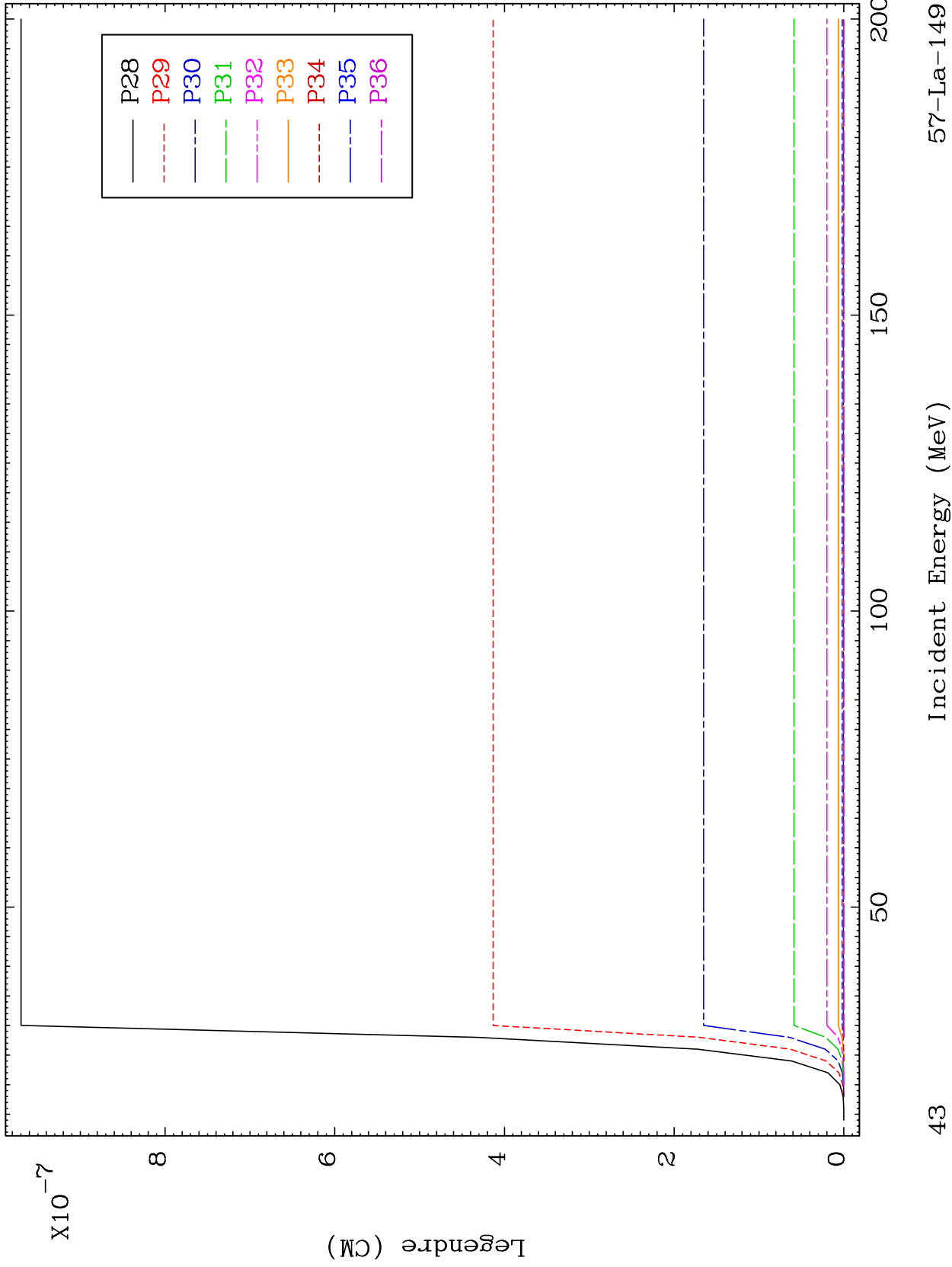
57-La-149



MAT 5758

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

57-La-149



43

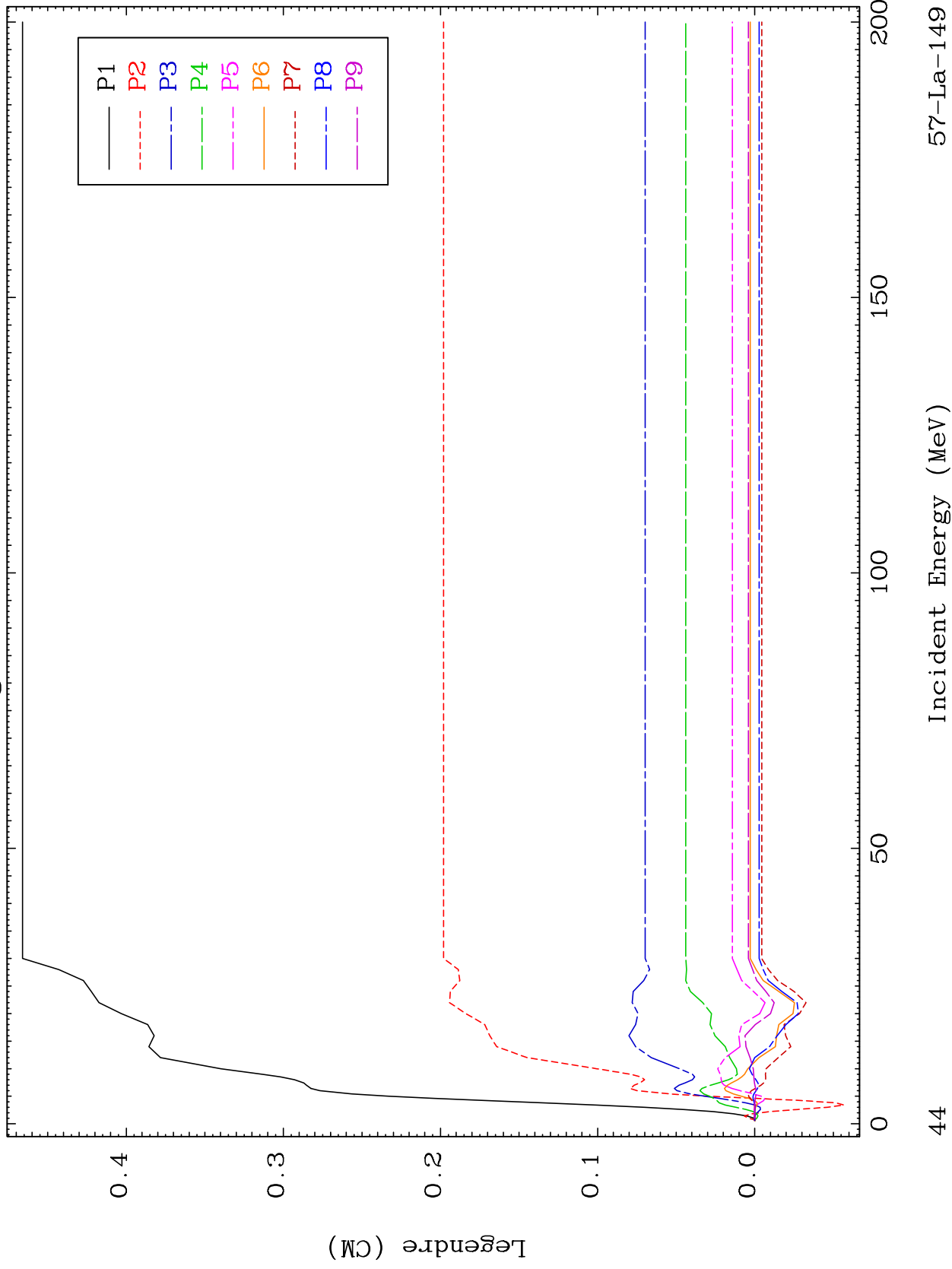
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



44

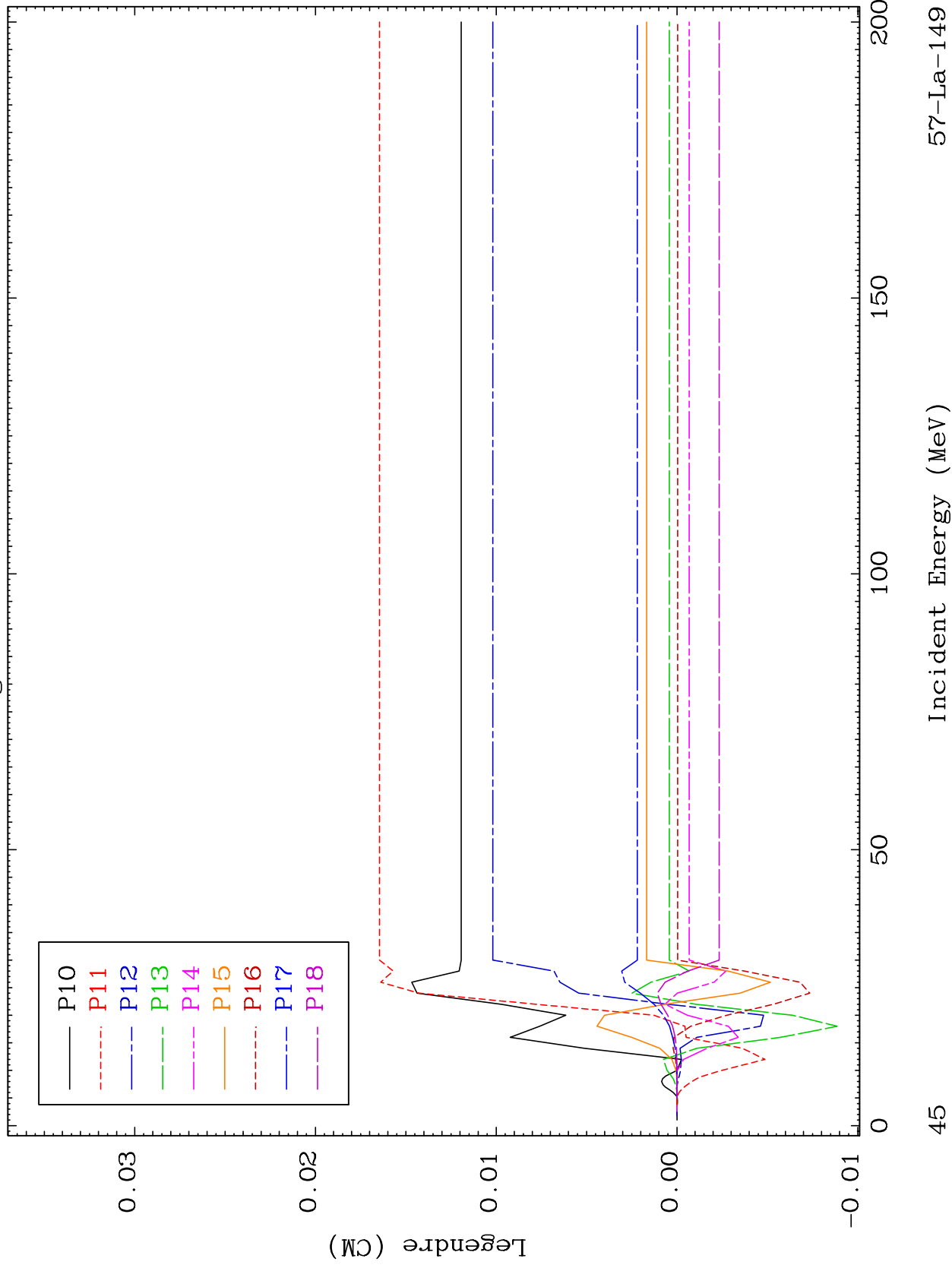
Incident Energy (MeV)

57-La-149

MAT 5758

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

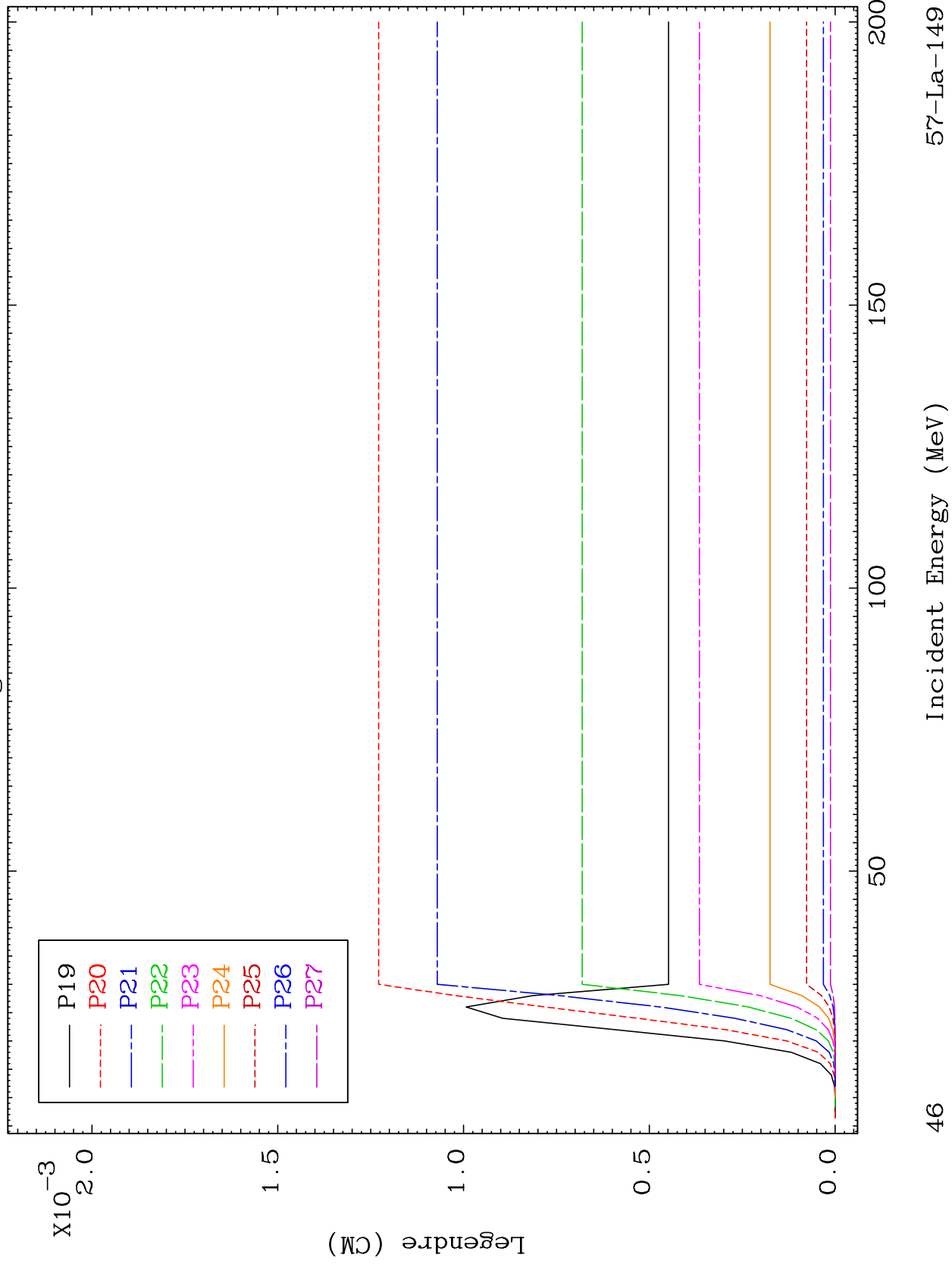
57-La-149



MAT 5758

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

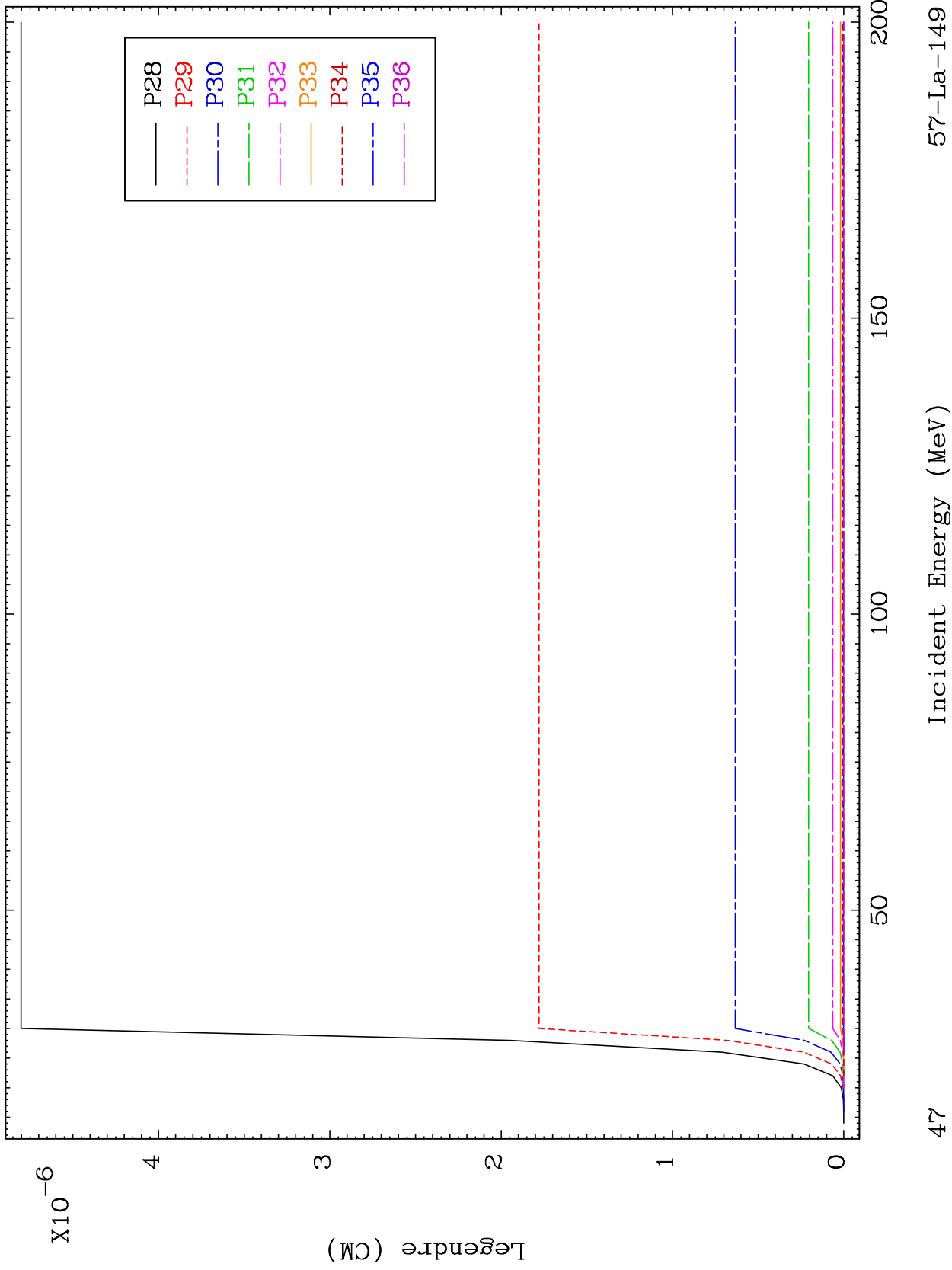
57-La-149



MAT 5758

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

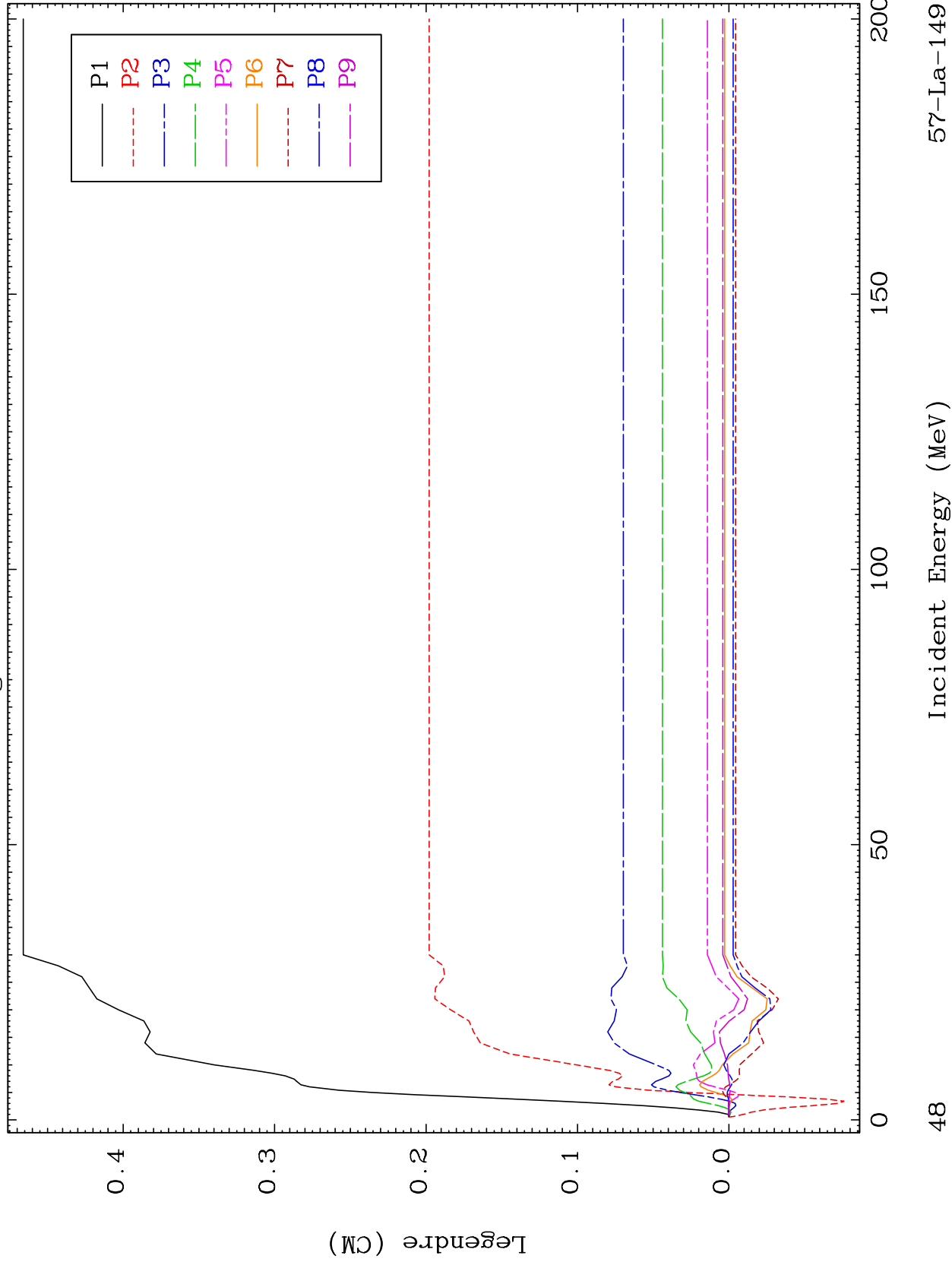
57-La-149



MAT 5758

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

57-La-149



57-La-149

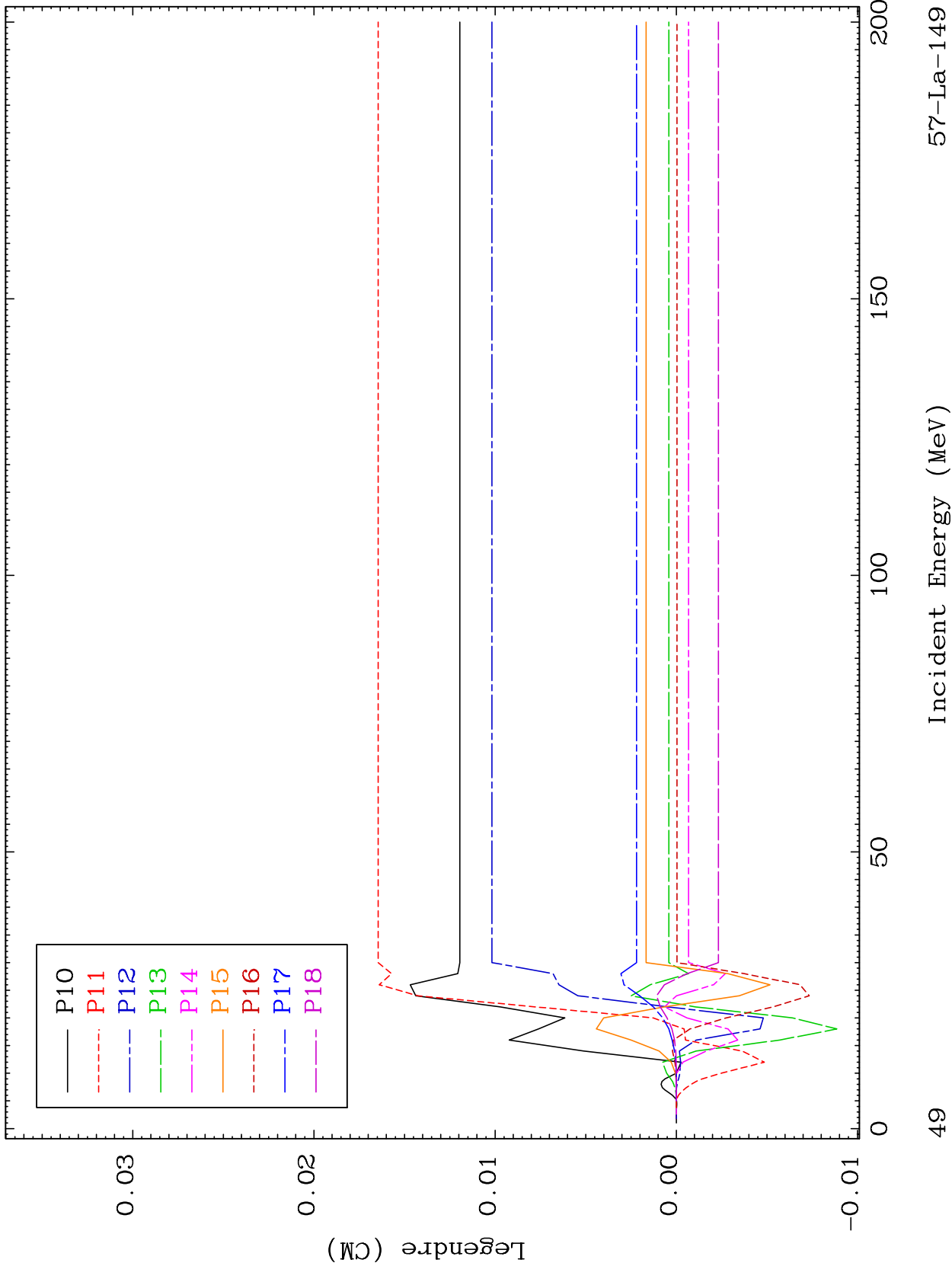
Incident Energy (MeV)

48

MAT 5758

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

57-La-149



57-La-149

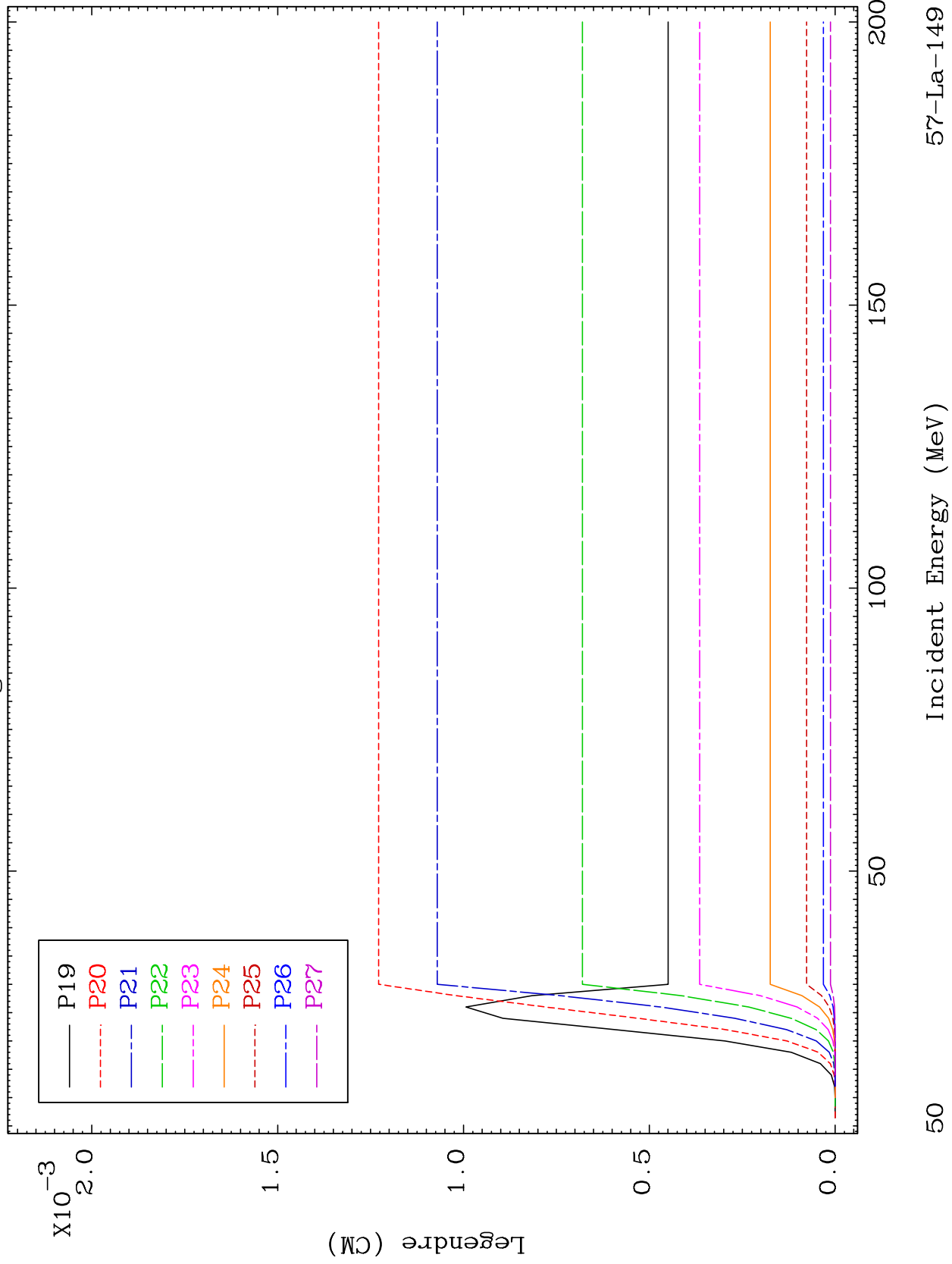
Incident Energy (MeV)

49

MAT 5758

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

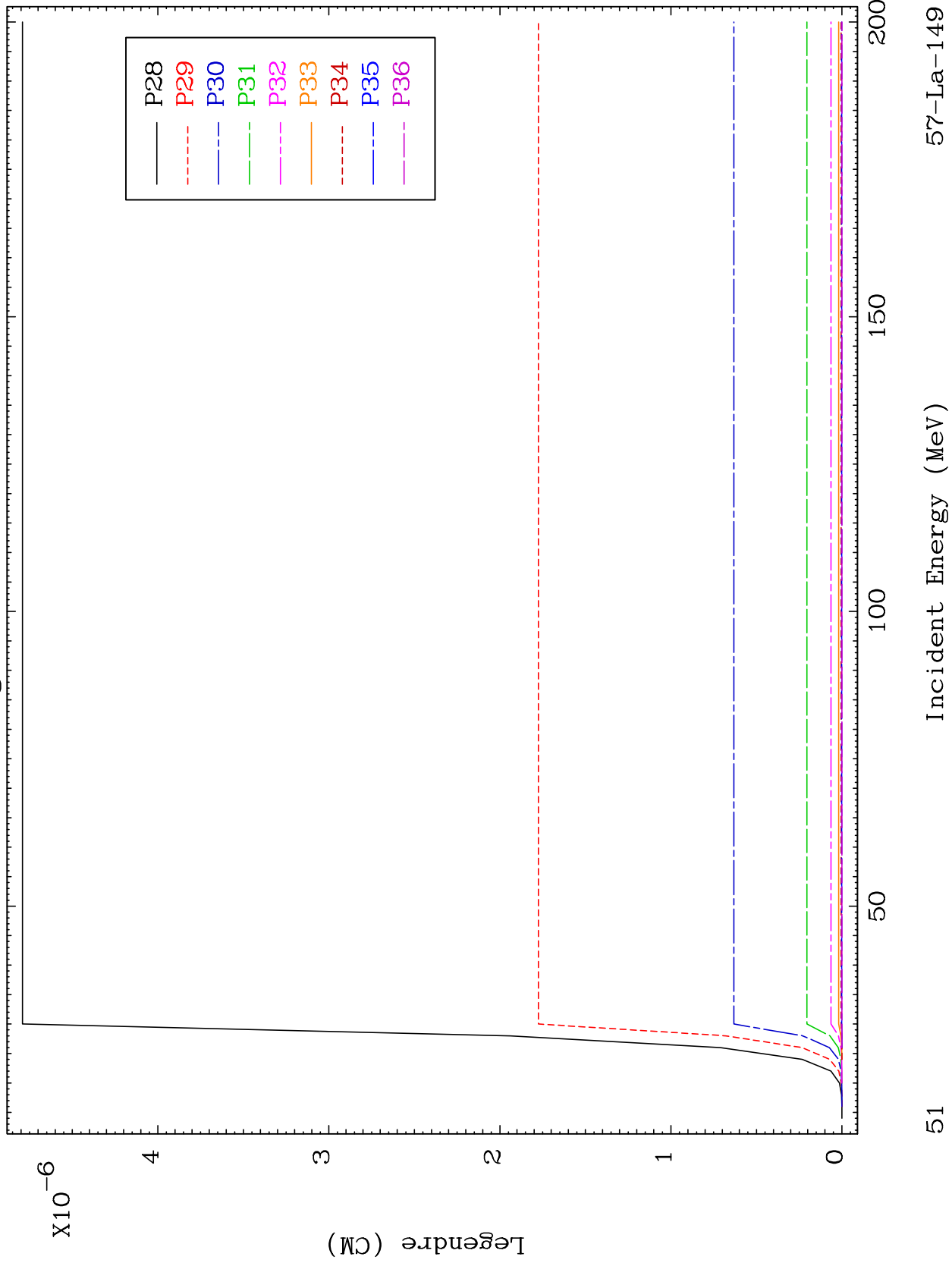
57-La-149



MAT 5758

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

57-La-149



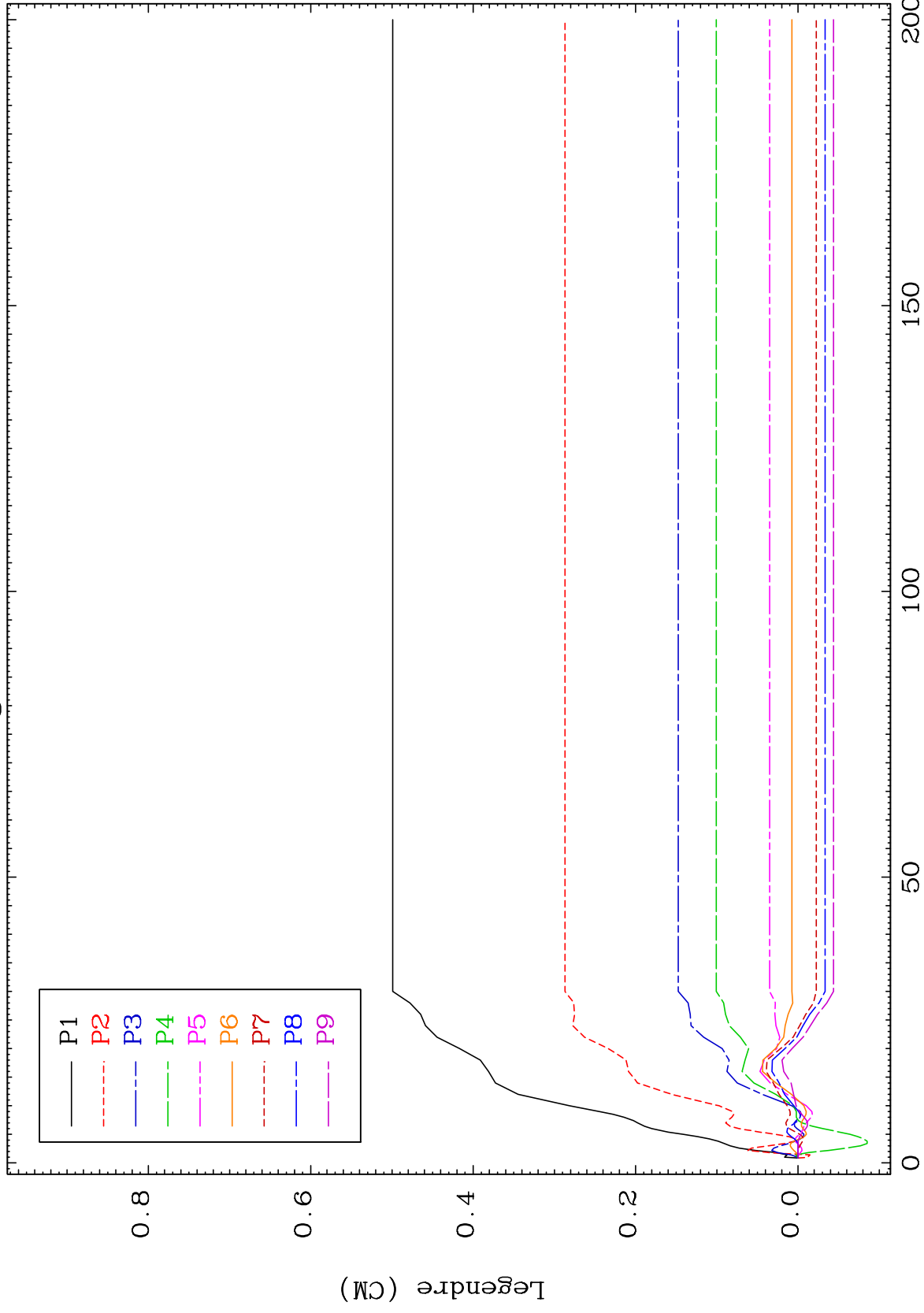
51

57-La-149

MAT 5758

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

57-La-149



52

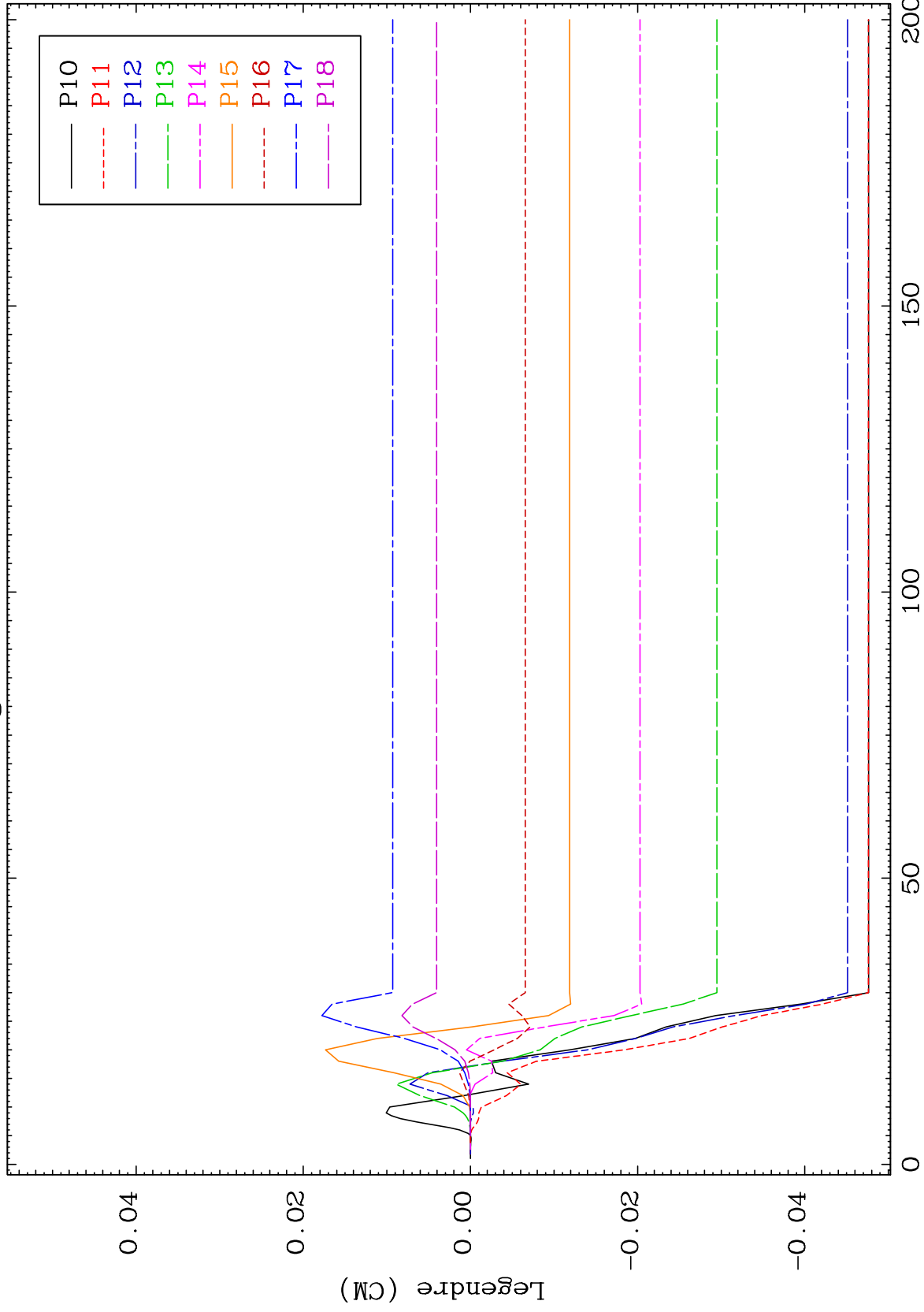
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



53

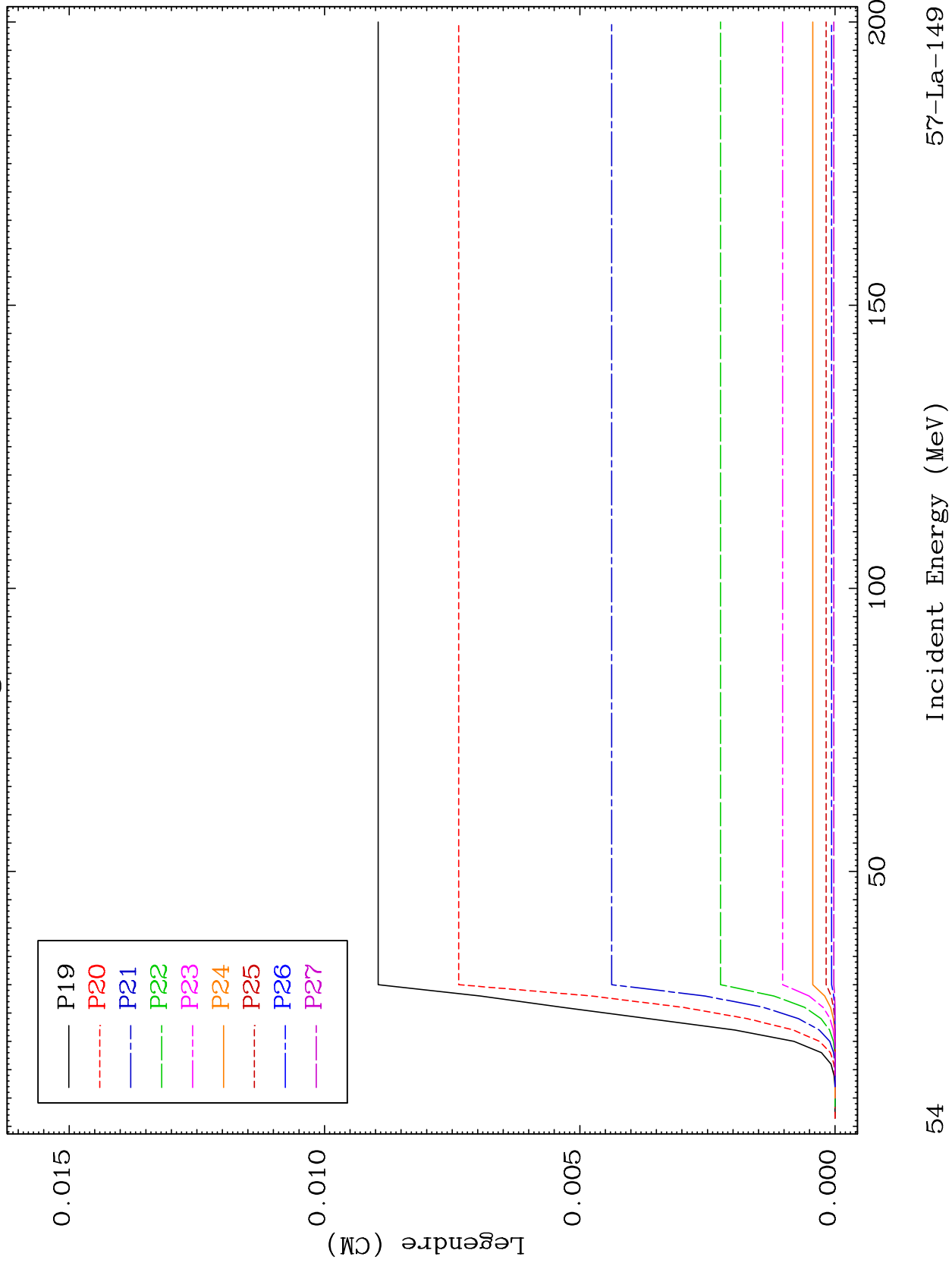
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

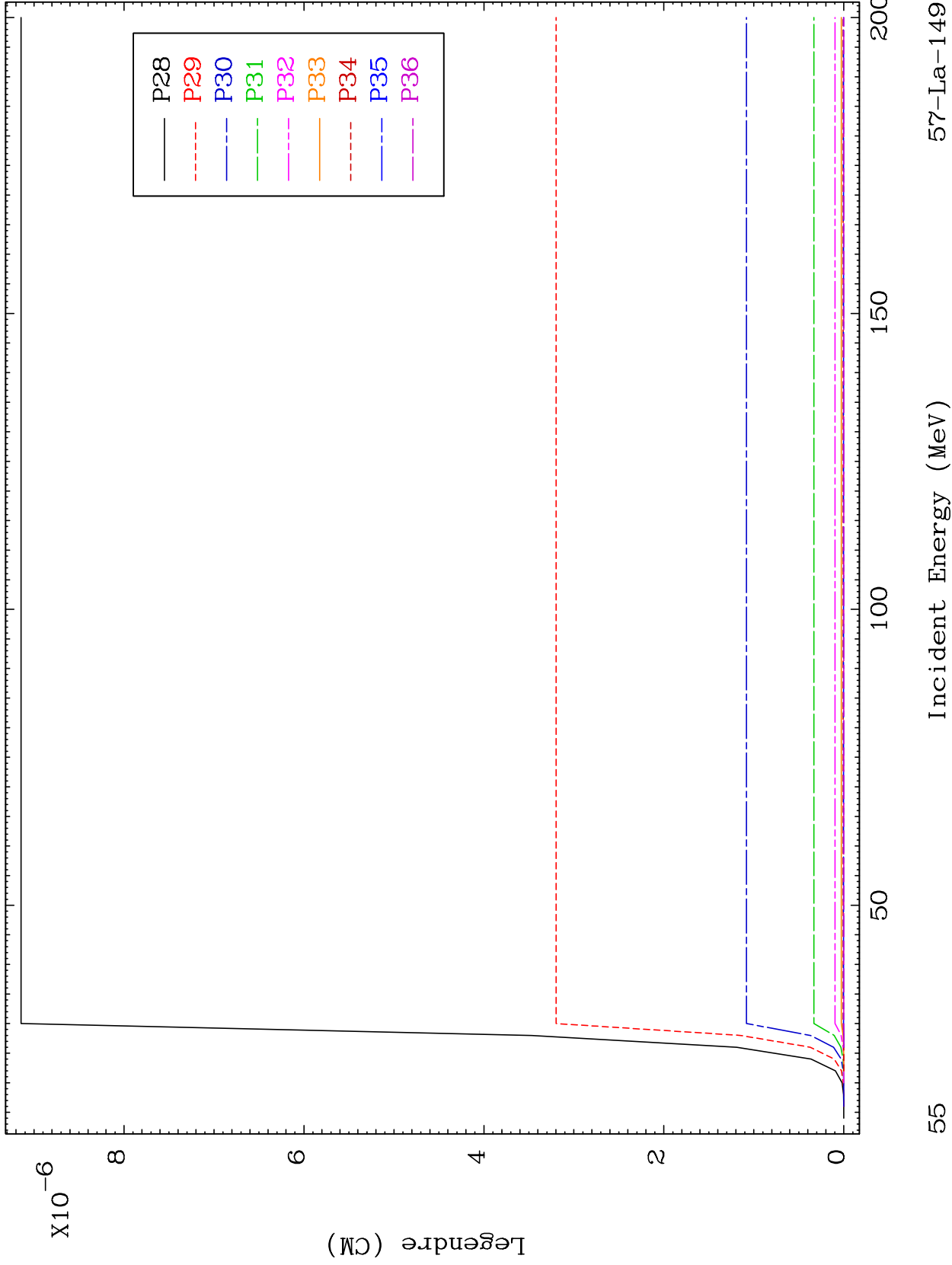
Incident Energy (MeV)

54

MAT 5758

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

57-La-149



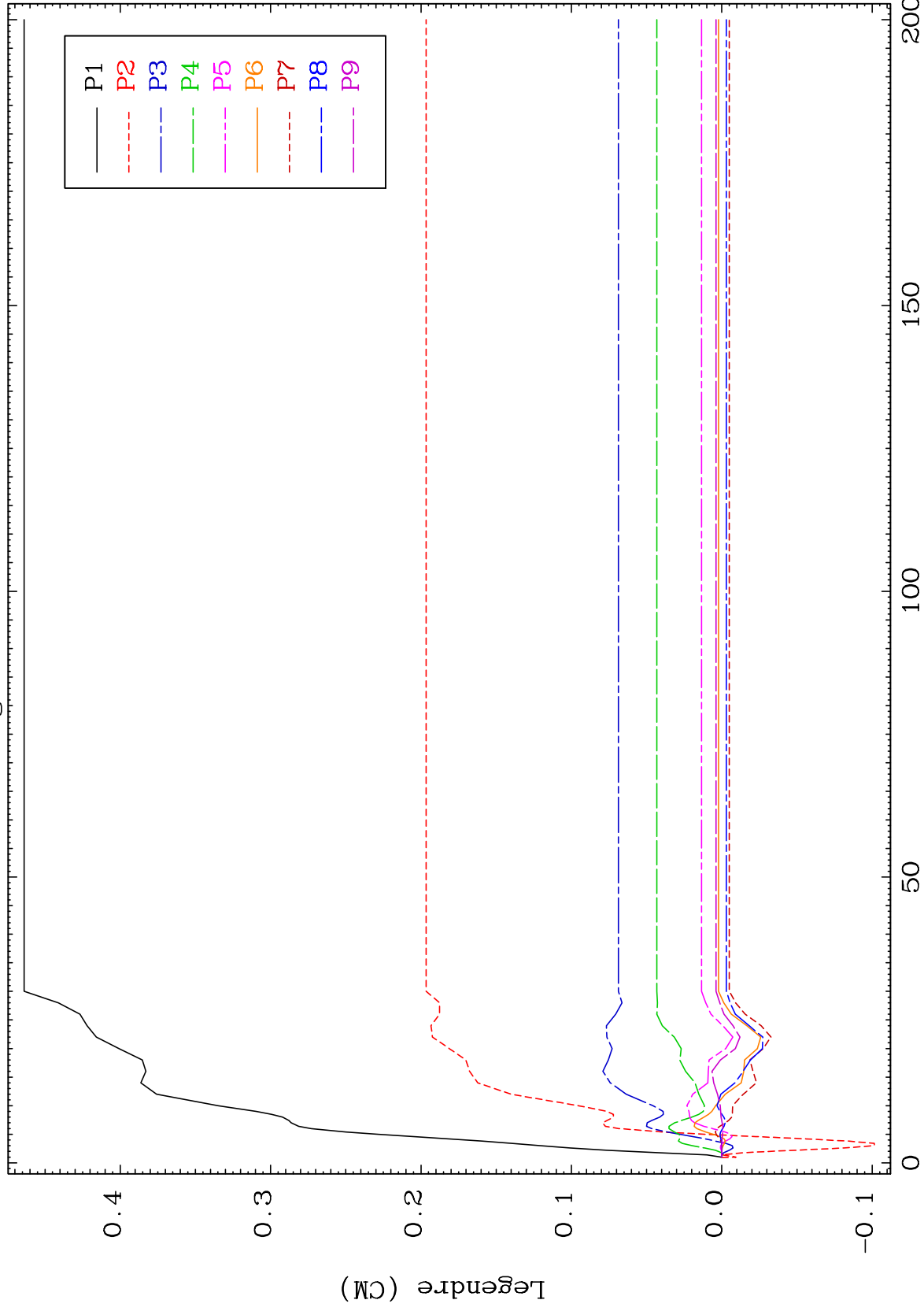
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57-La-149

MAT 5758

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

57-La-149



57-La-149

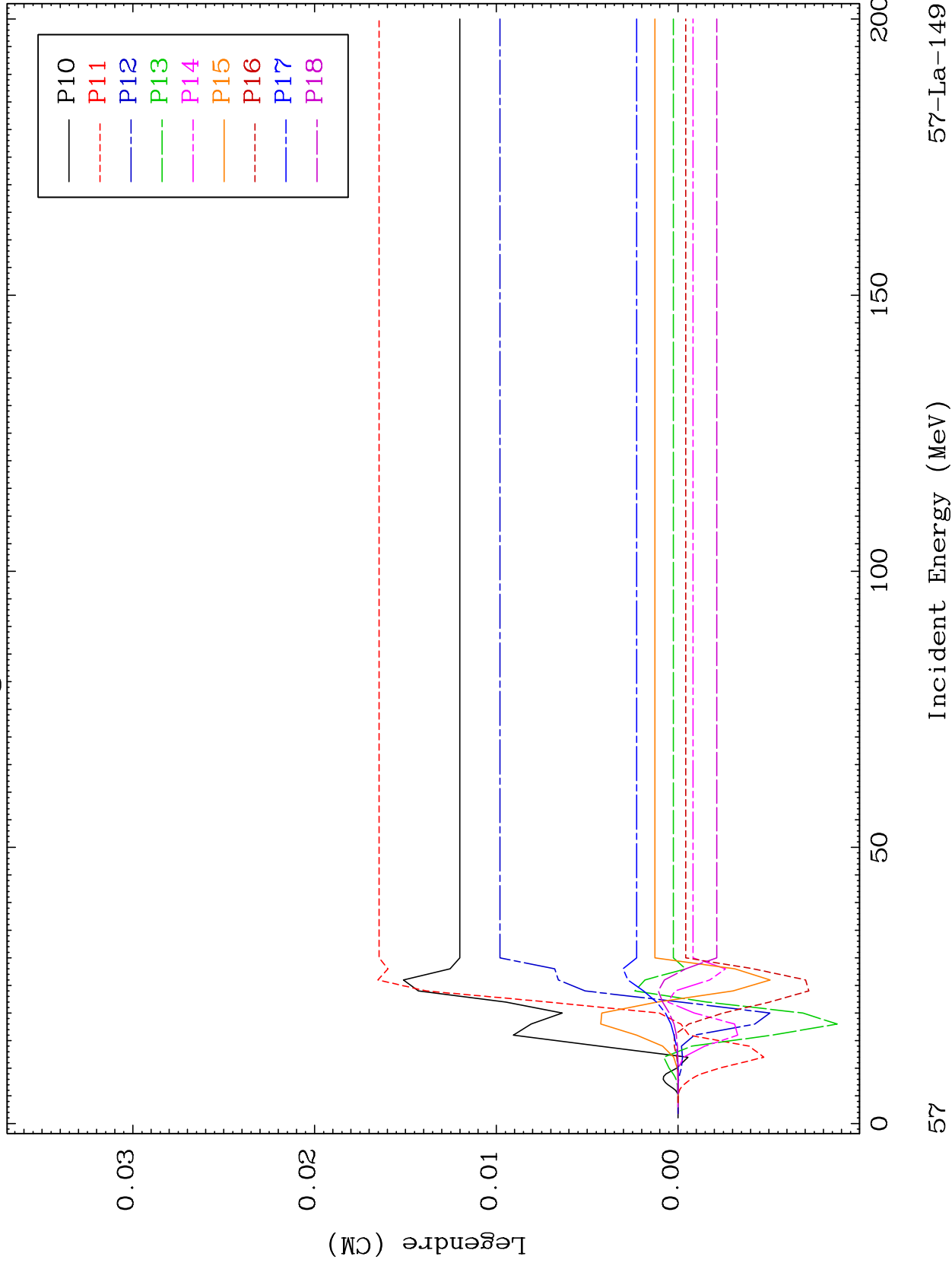
Incident Energy (MeV)

56

MAT 5758

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

57-La-149



57-La-149

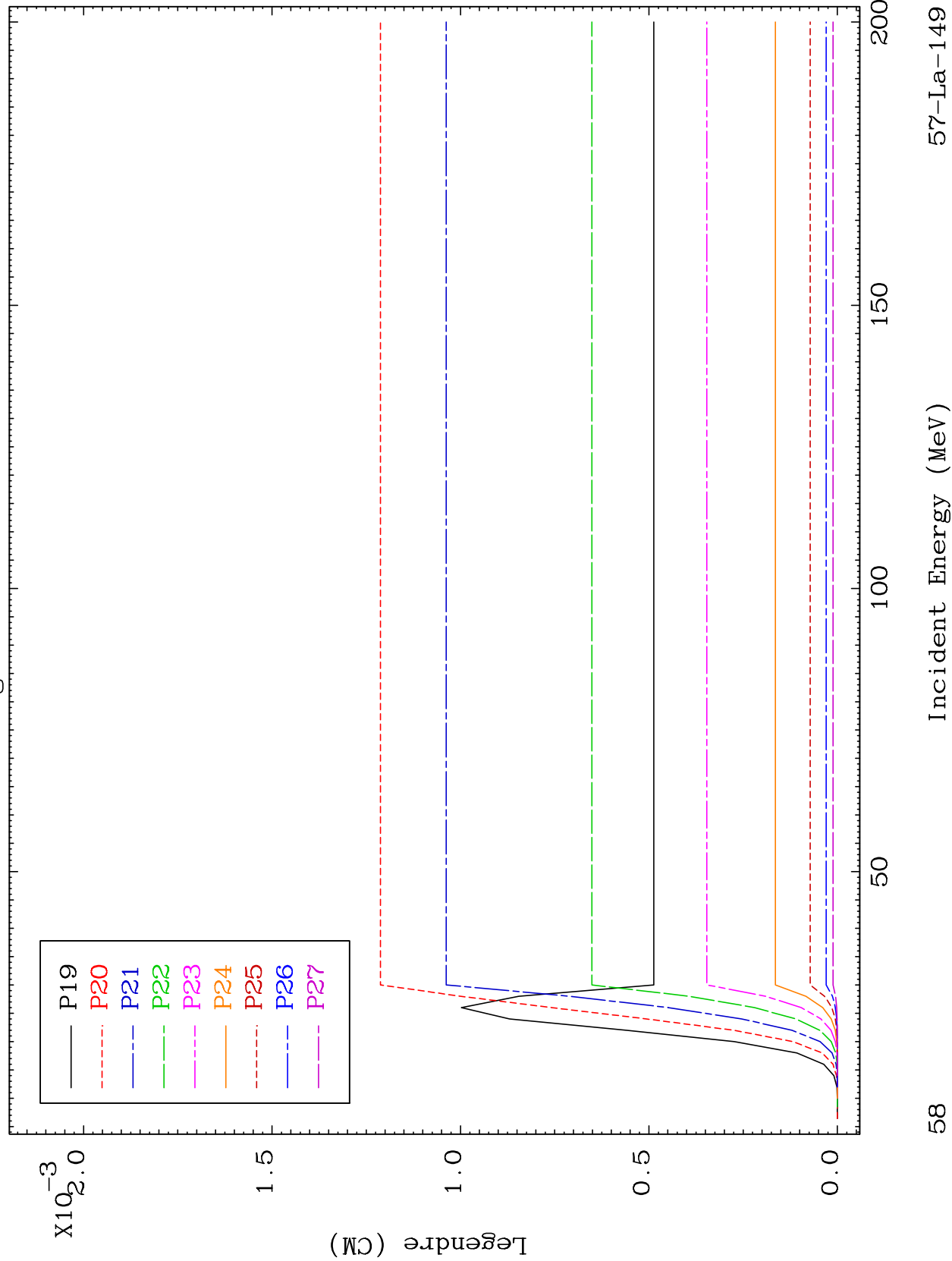
Incident Energy (MeV)

57

MAT 5758

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

57-La-149



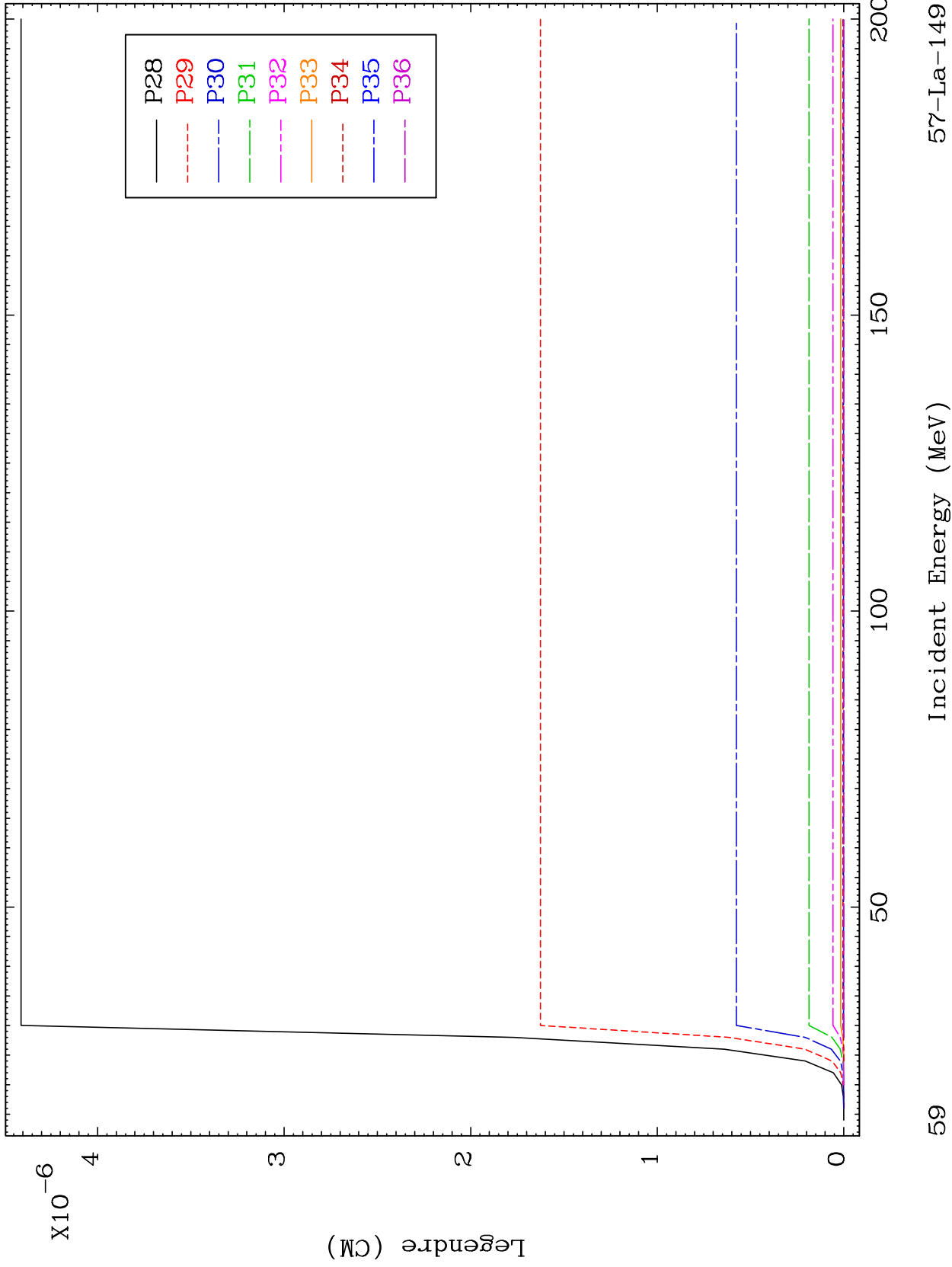
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57-La-149

MAT 5758

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

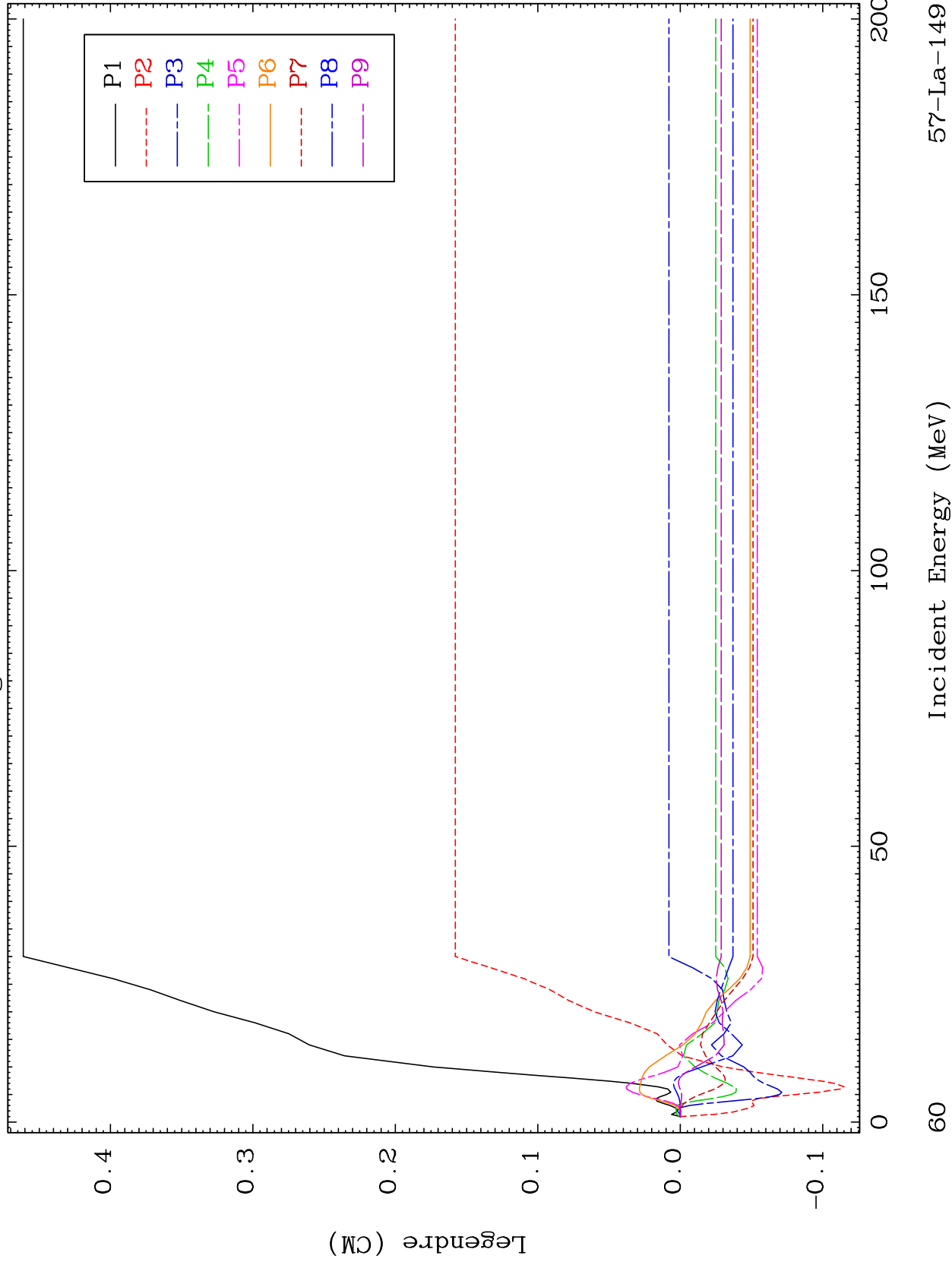
57-La-149



MAT 5758

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

57-La-149

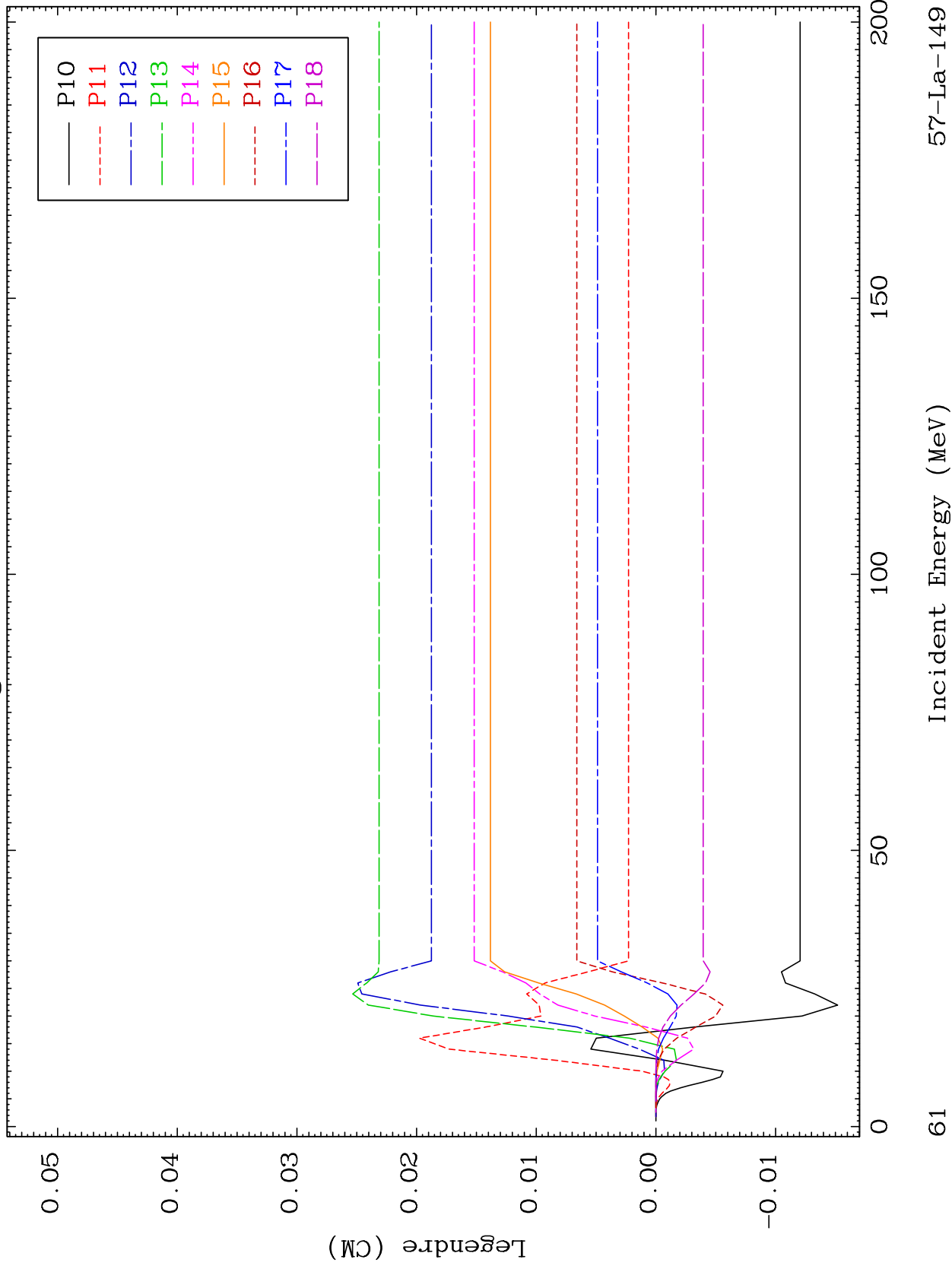


57-La-149

MAT 5758

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

57-La-149



57-La-149

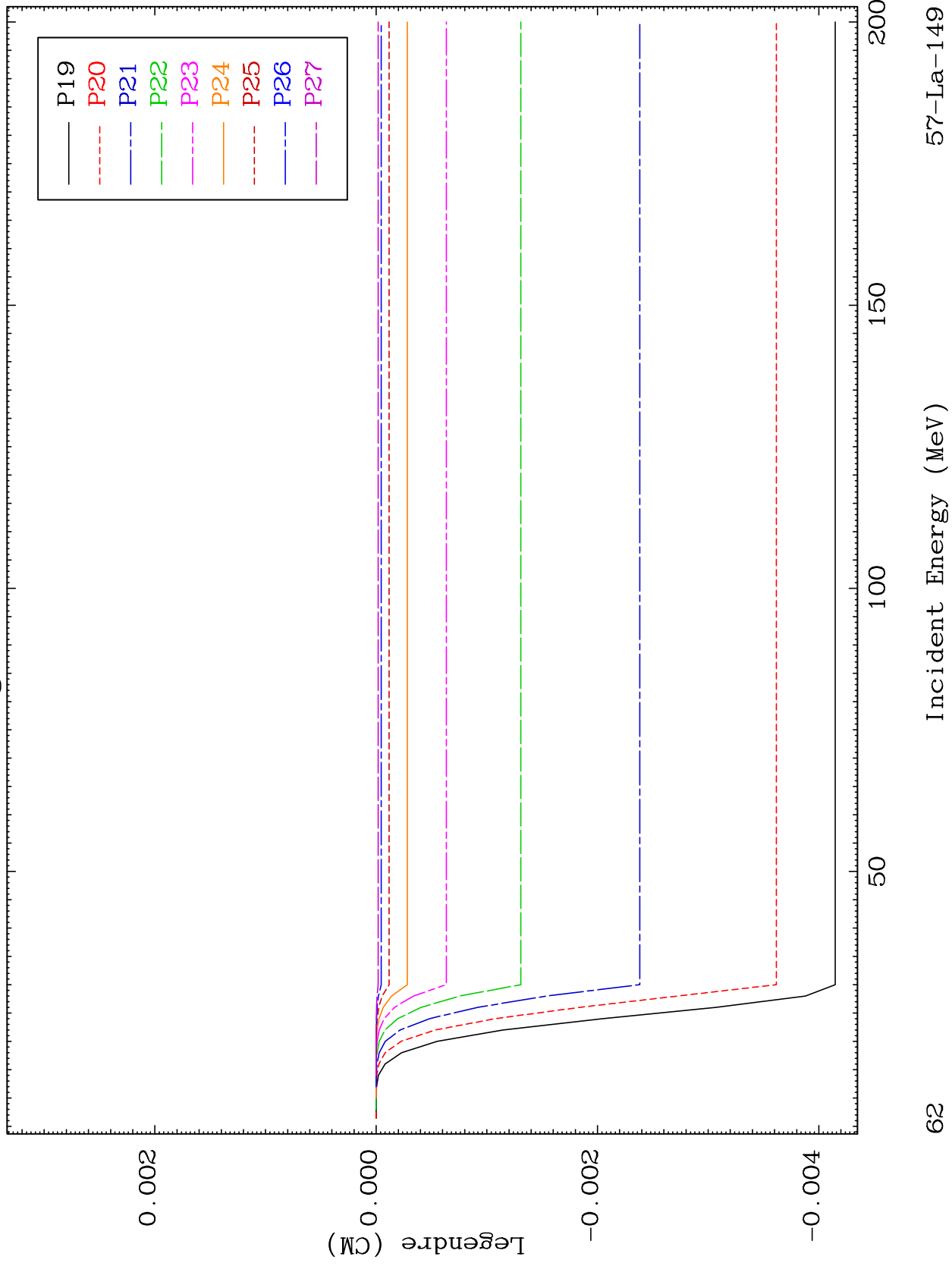
Incident Energy (MeV)

61

MAT 5758

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

57-La-149



62

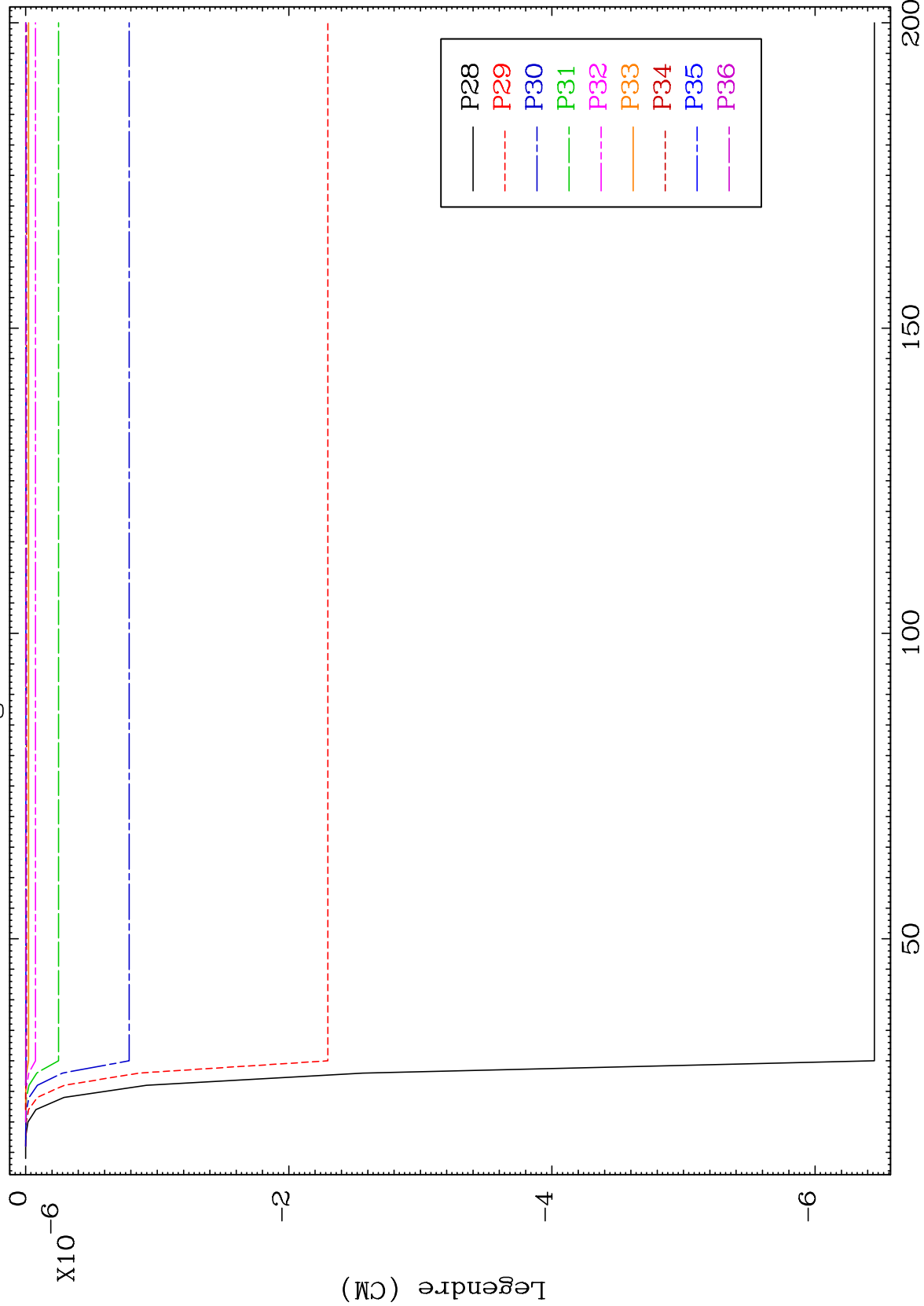
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



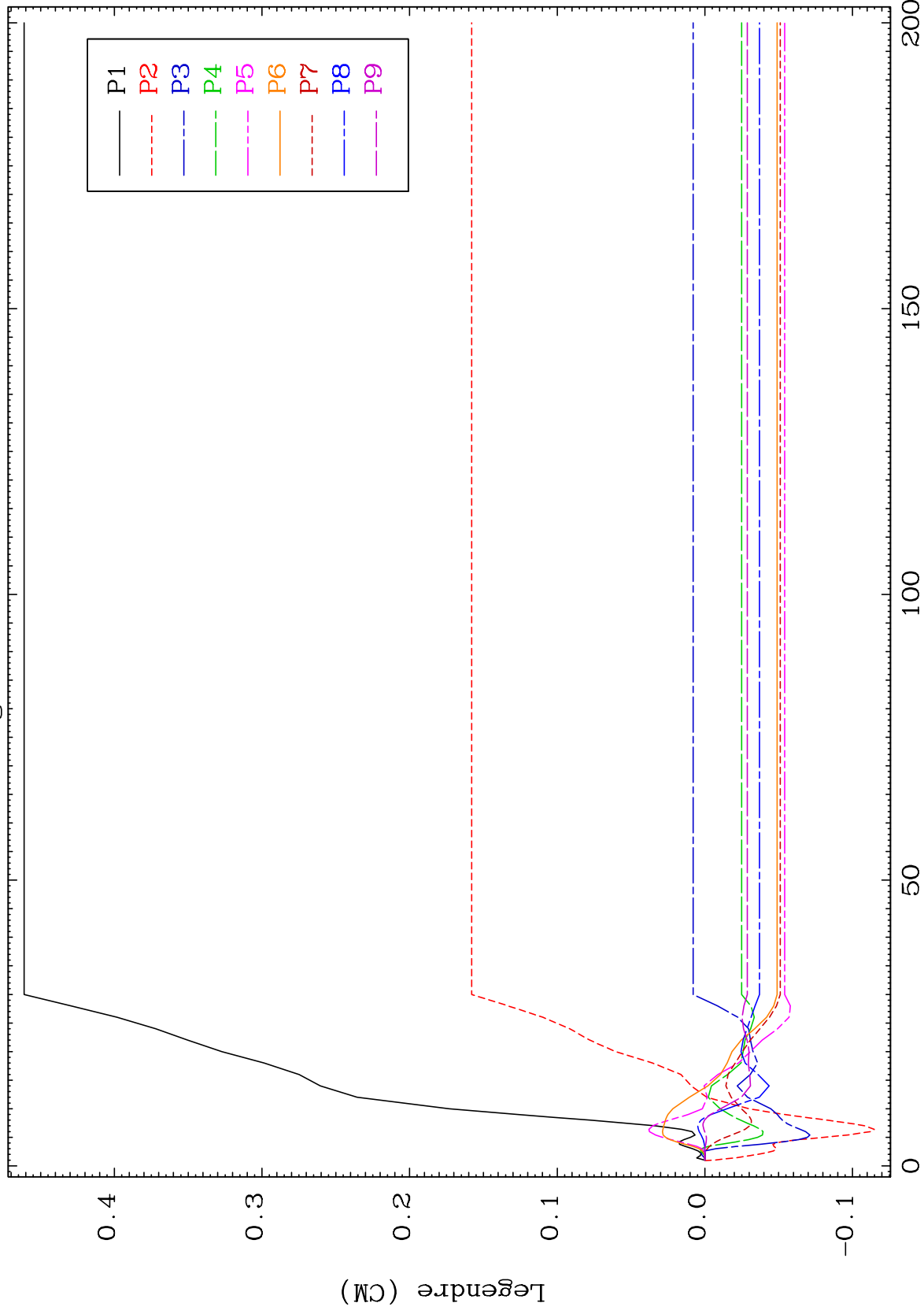
63

57-La-149

MAT 5758

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

57-La-149



57-La-149

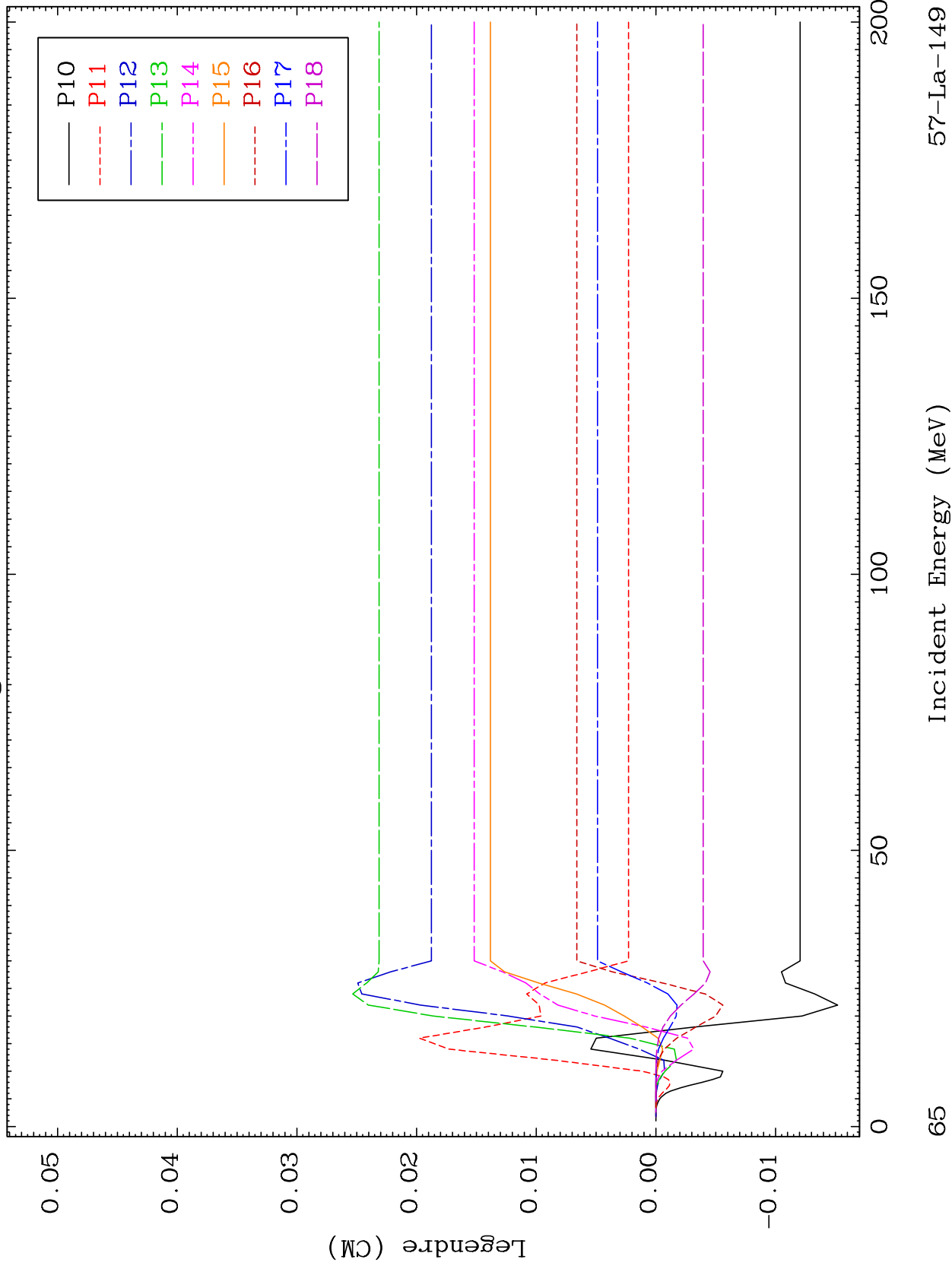
Incident Energy (MeV)

64

MAT 5758

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

57-La-149



57-La-149

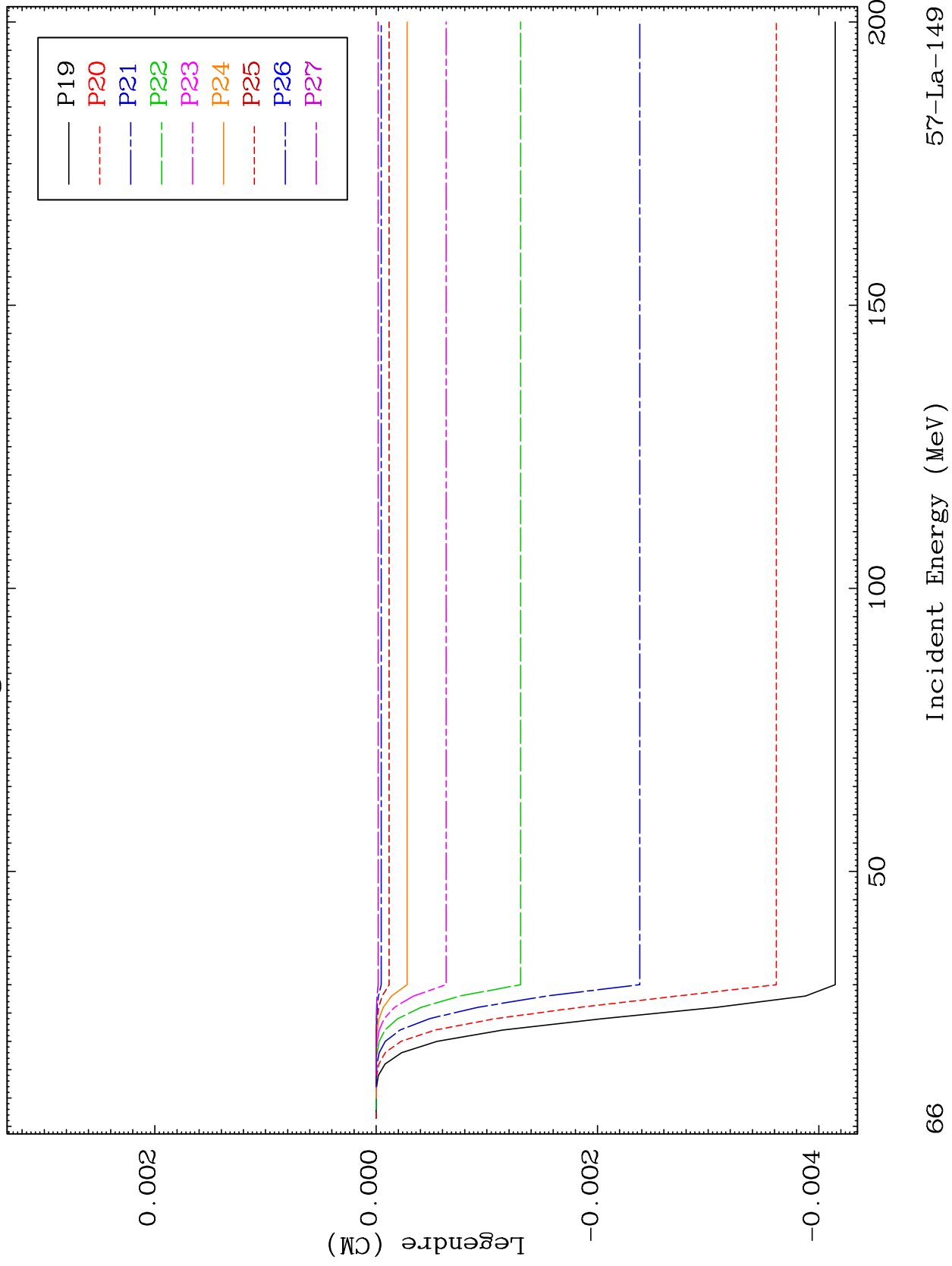
Incident Energy (MeV)

65

MAT 5758

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

57-La-149



66

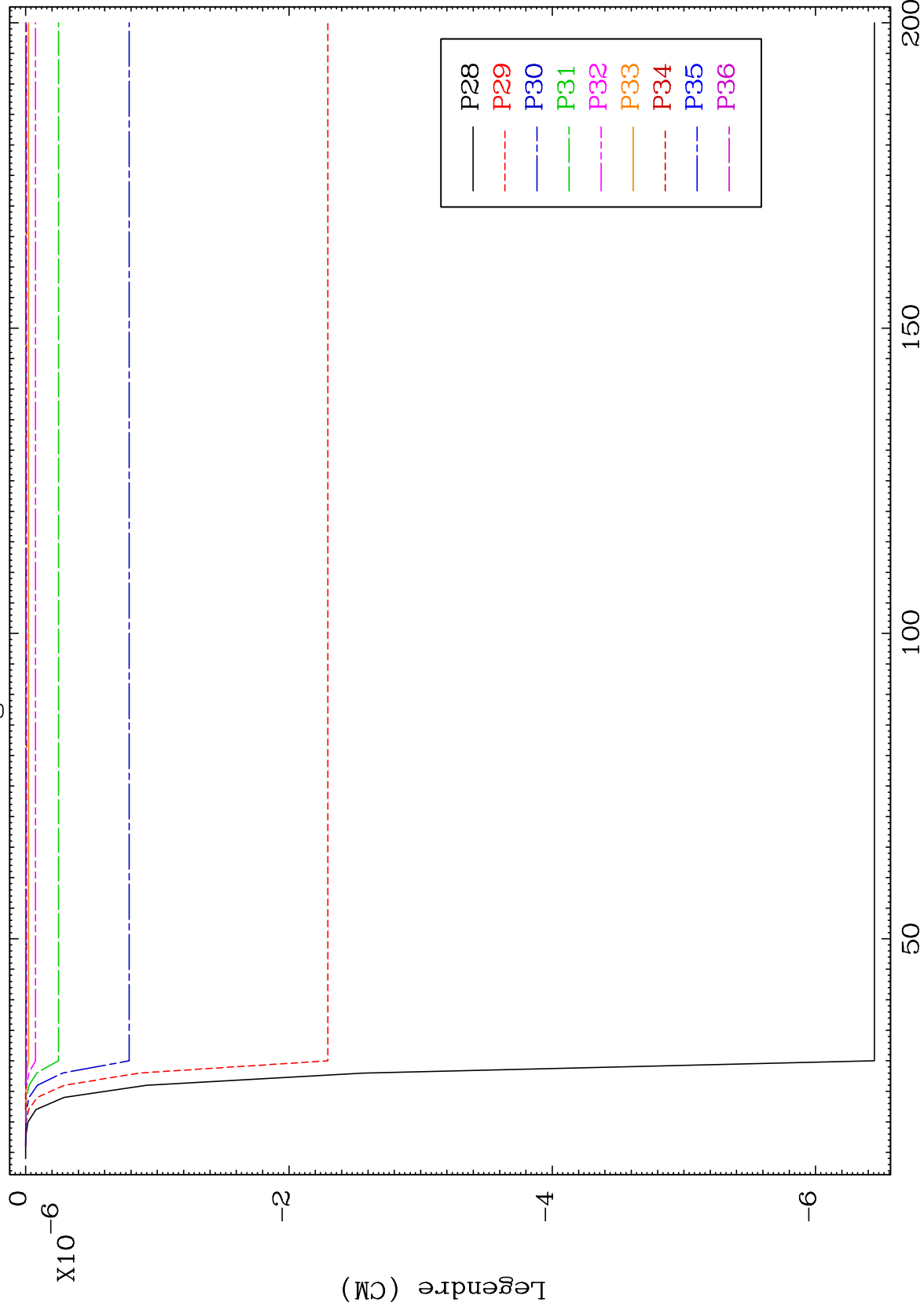
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



67

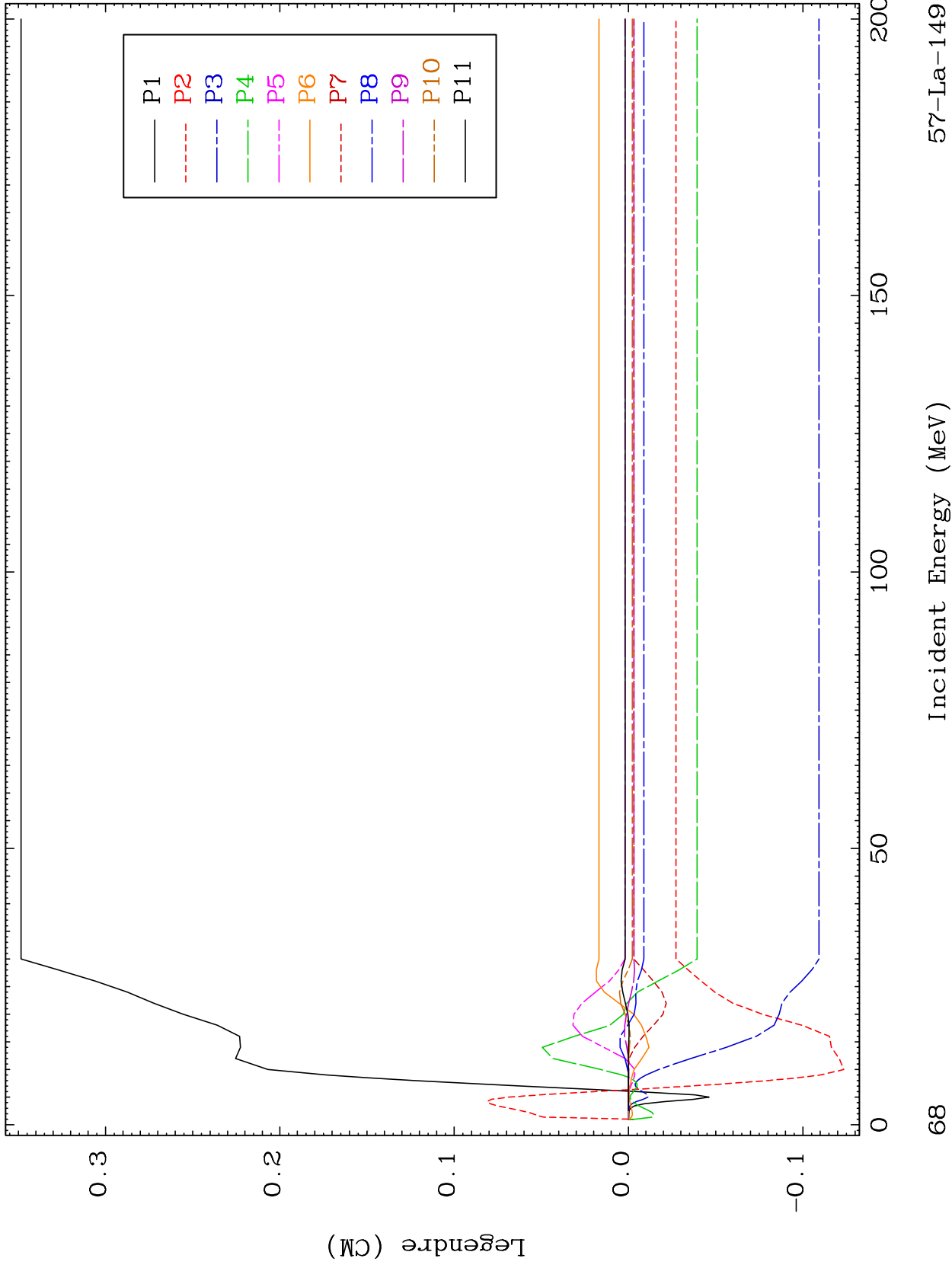
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

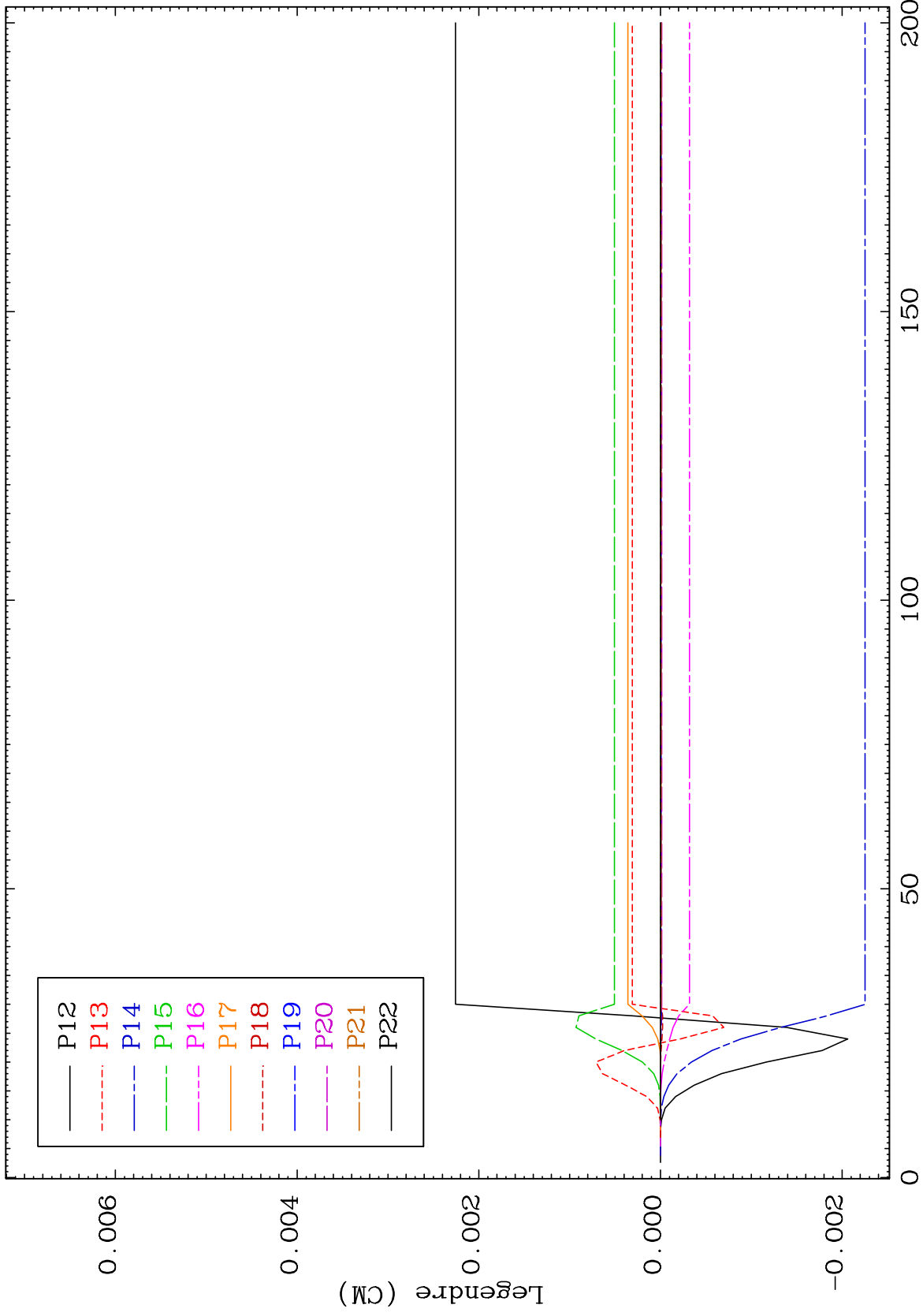
Incident Energy (MeV)

68

MAT 5758

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

57-La-149



69

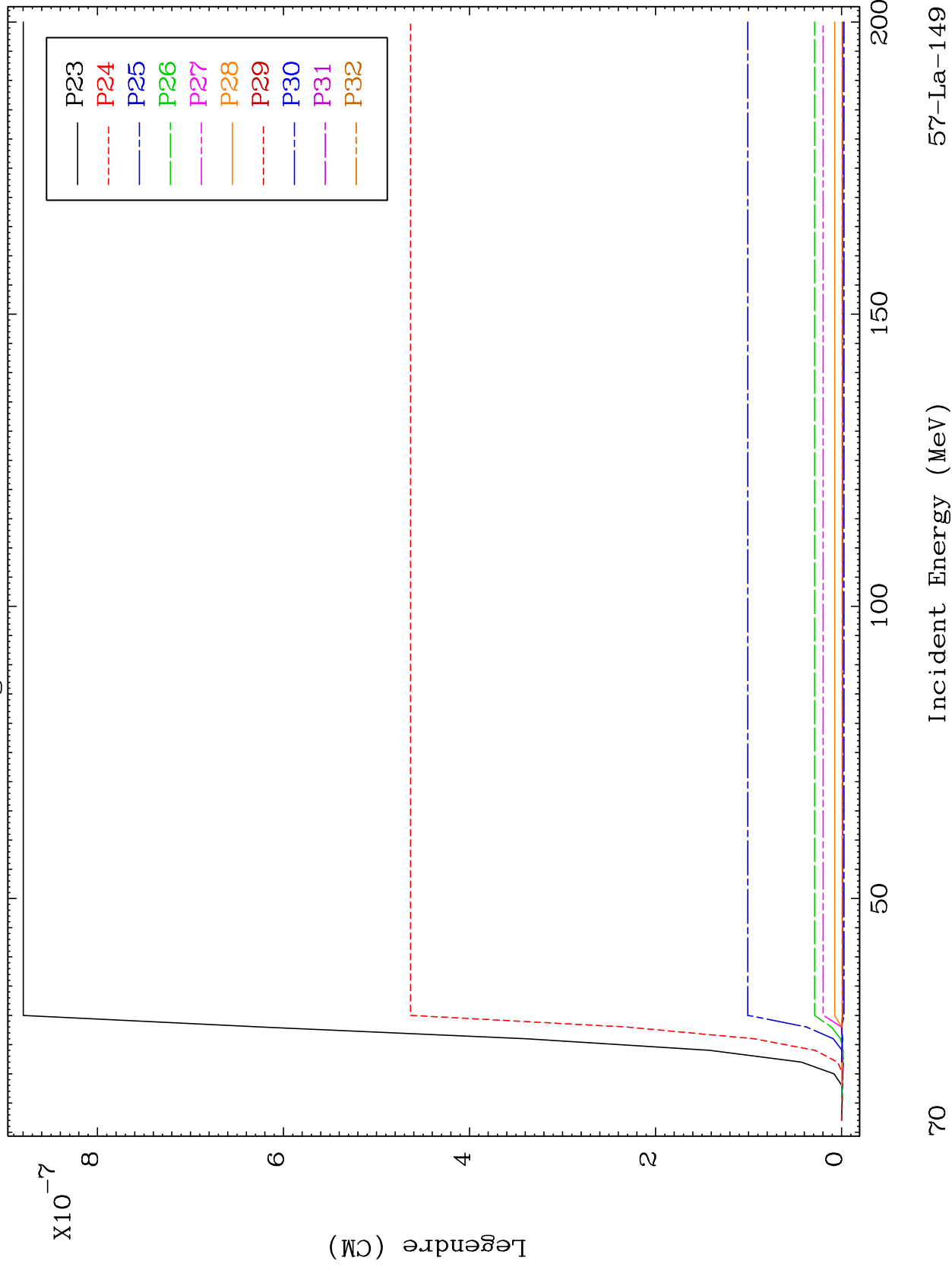
Incident Energy (MeV)

57-La-149

MAT 5758

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

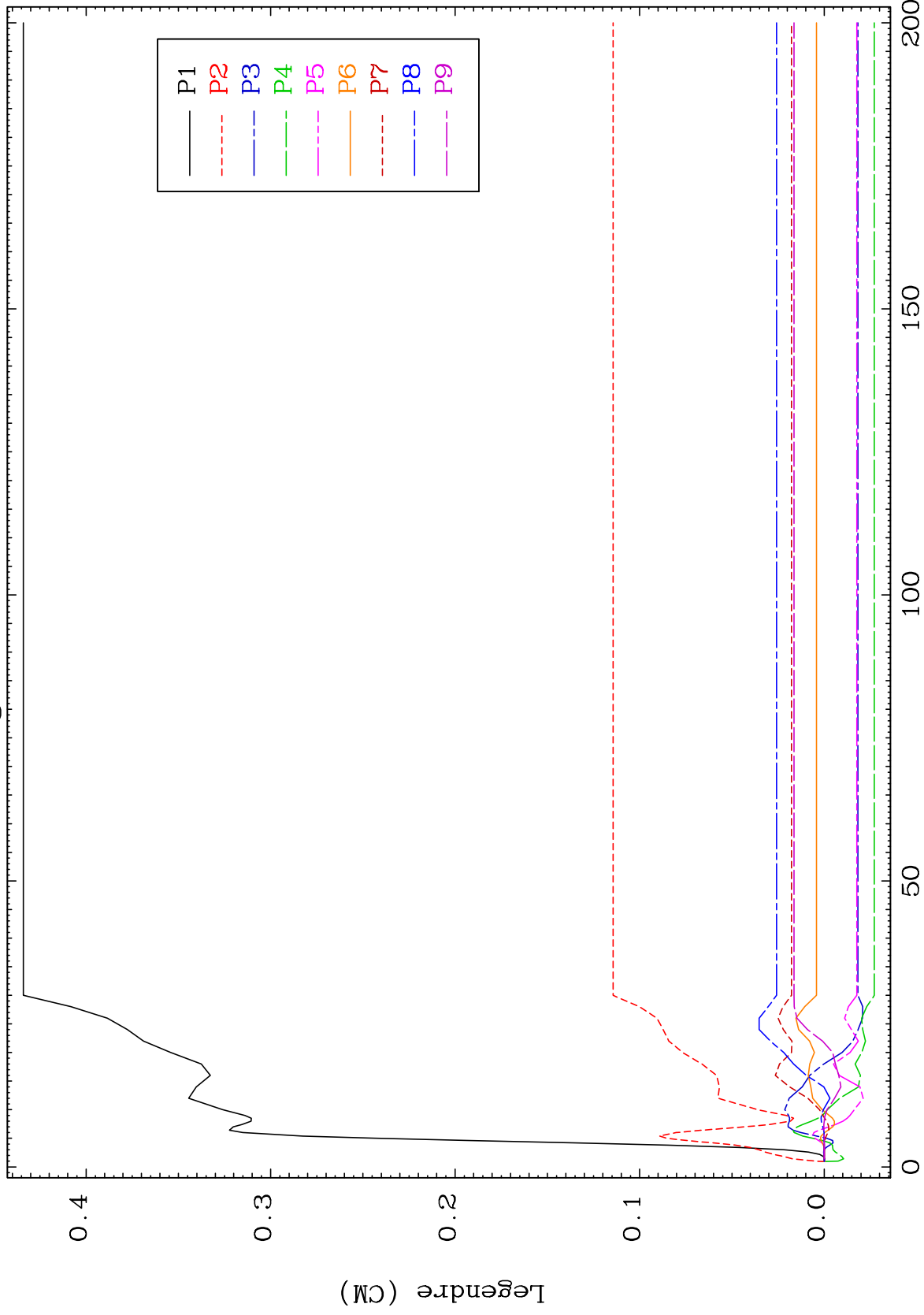
57-La-149



MAT 5758

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

57-La-149



57-La-149

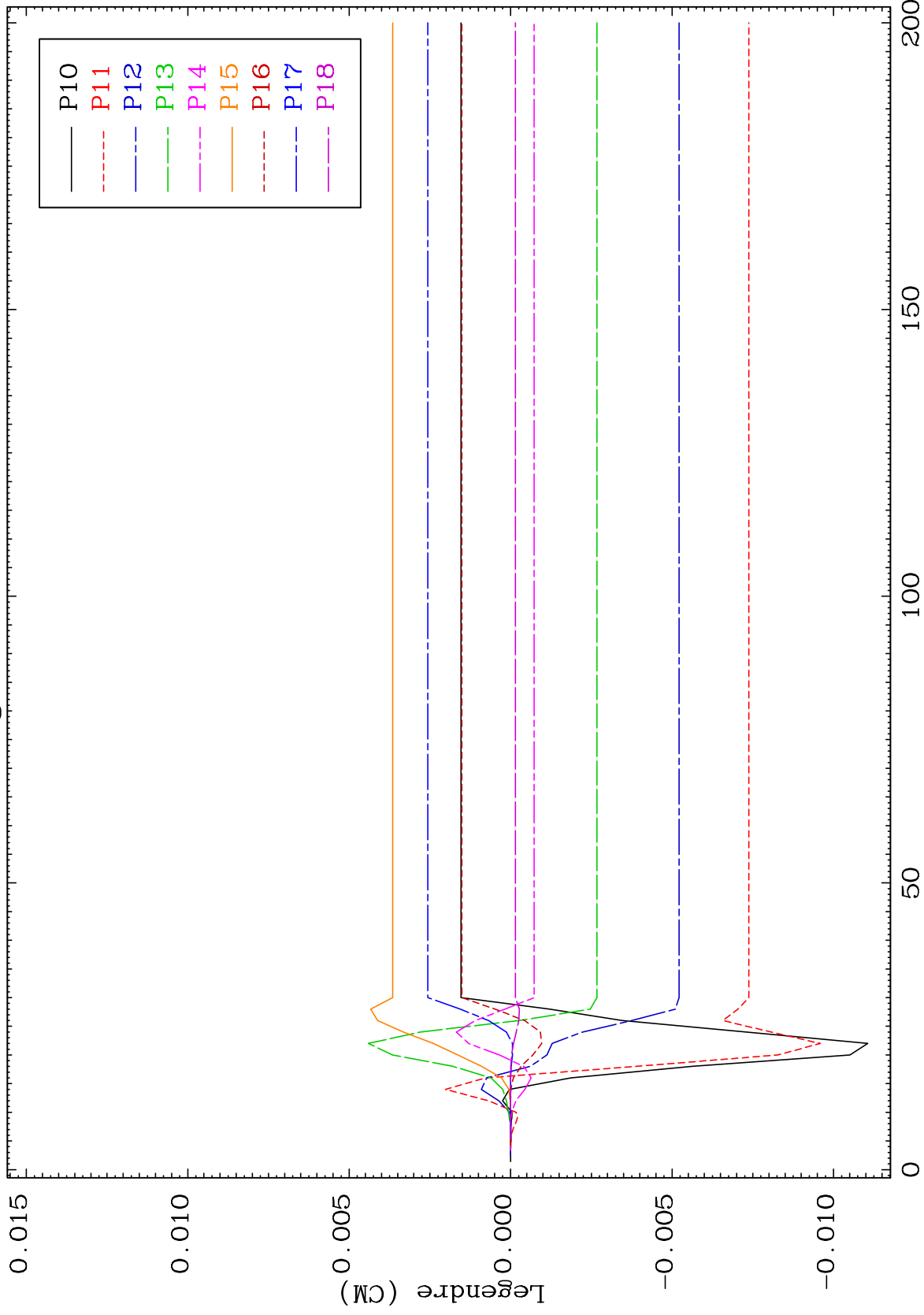
Incident Energy (MeV)

71

MAT 5758

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

57-La-149



72

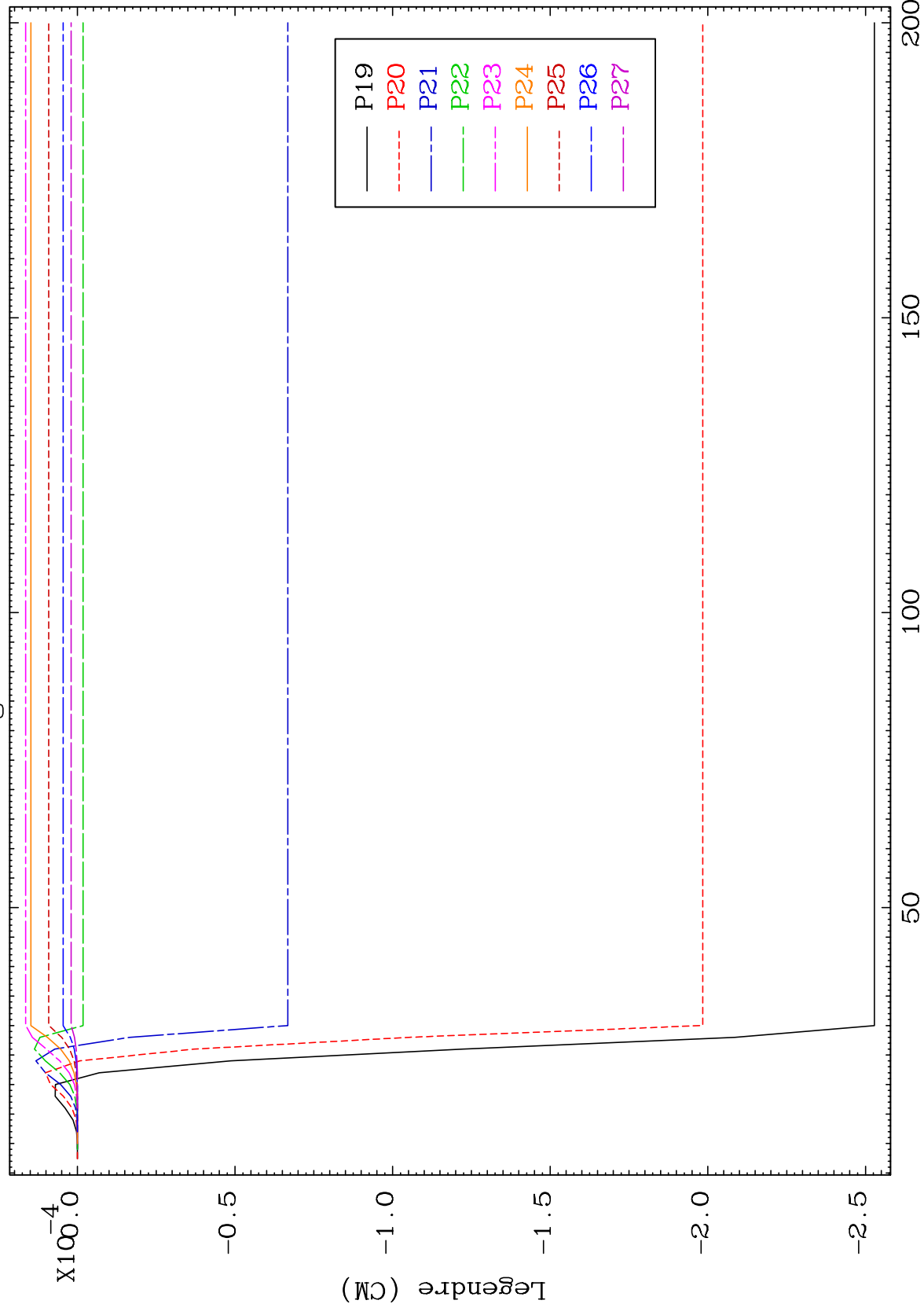
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



73

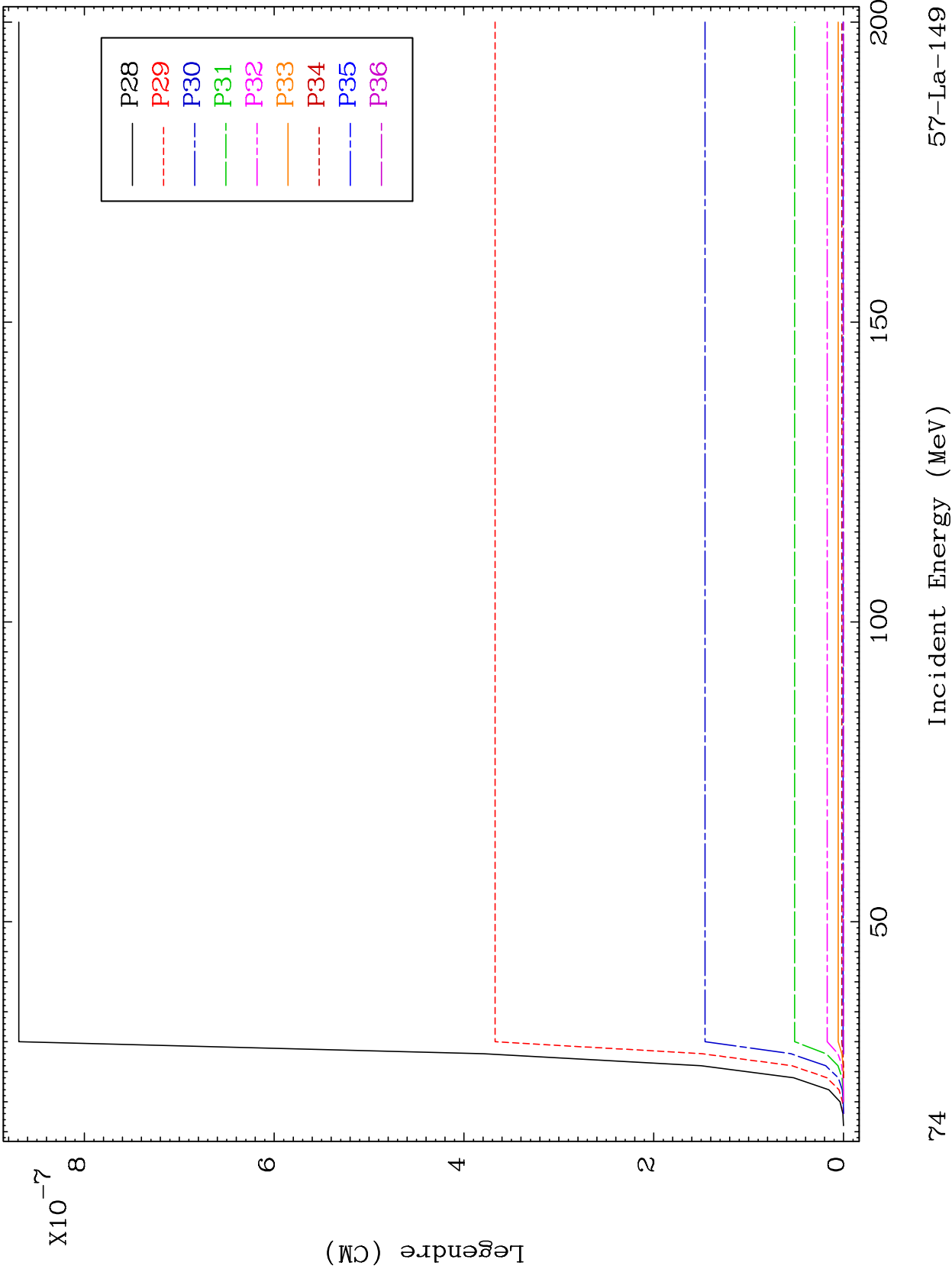
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



74

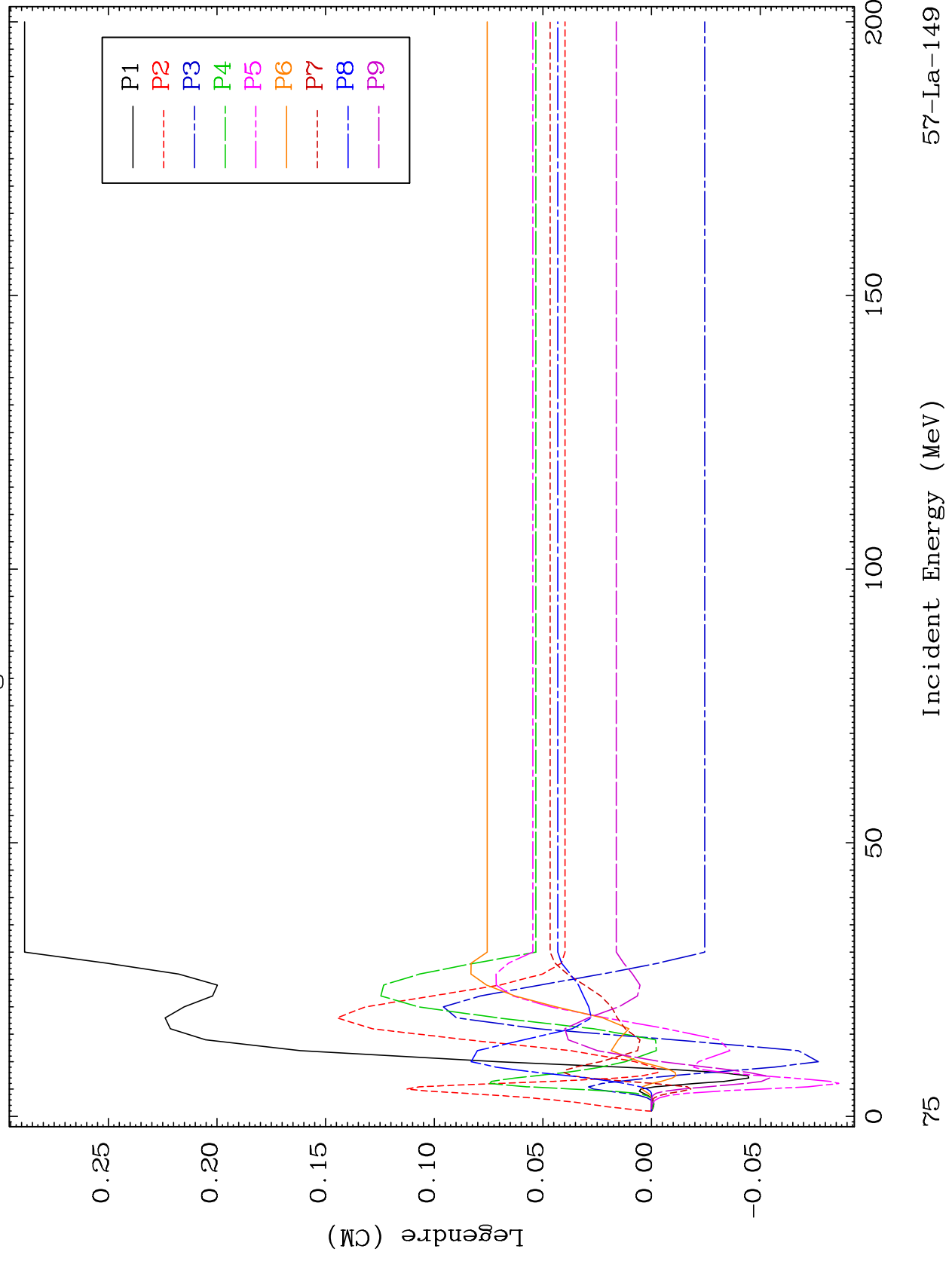
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

Incident Energy (MeV)

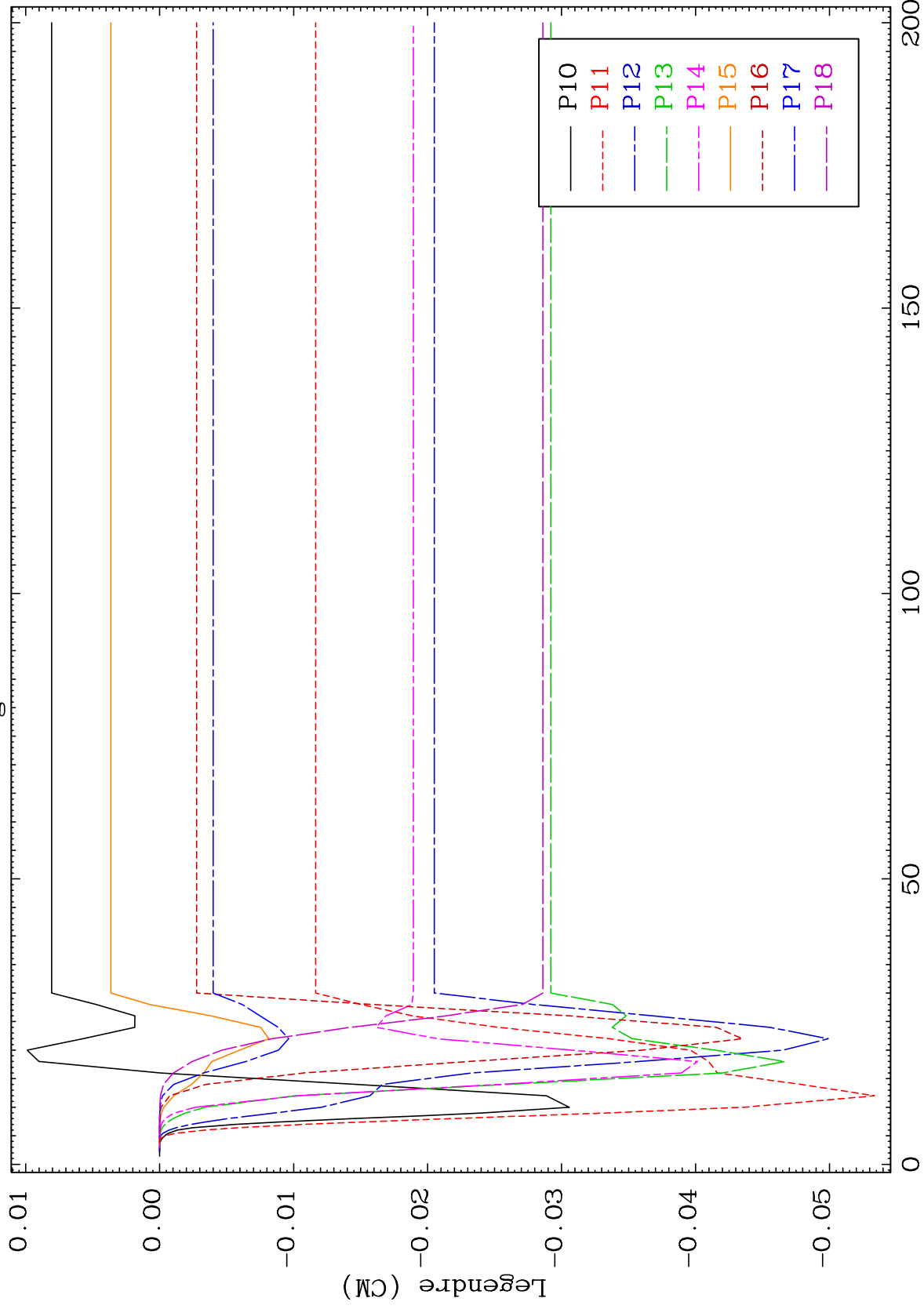
75

MAT 5758

MT= 65 (n,n') Level

57-La-149

Legendre Coefficients



76

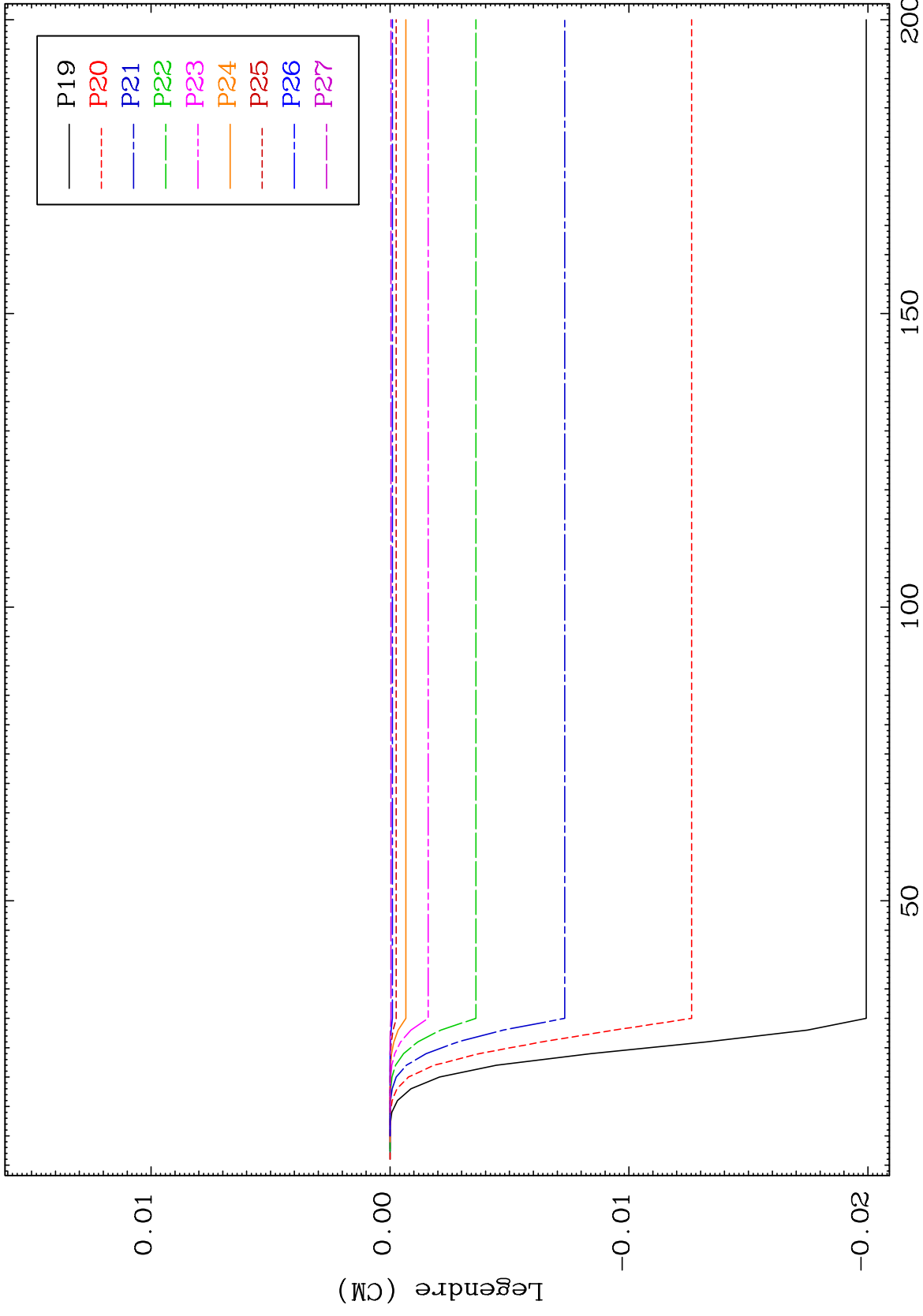
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



77

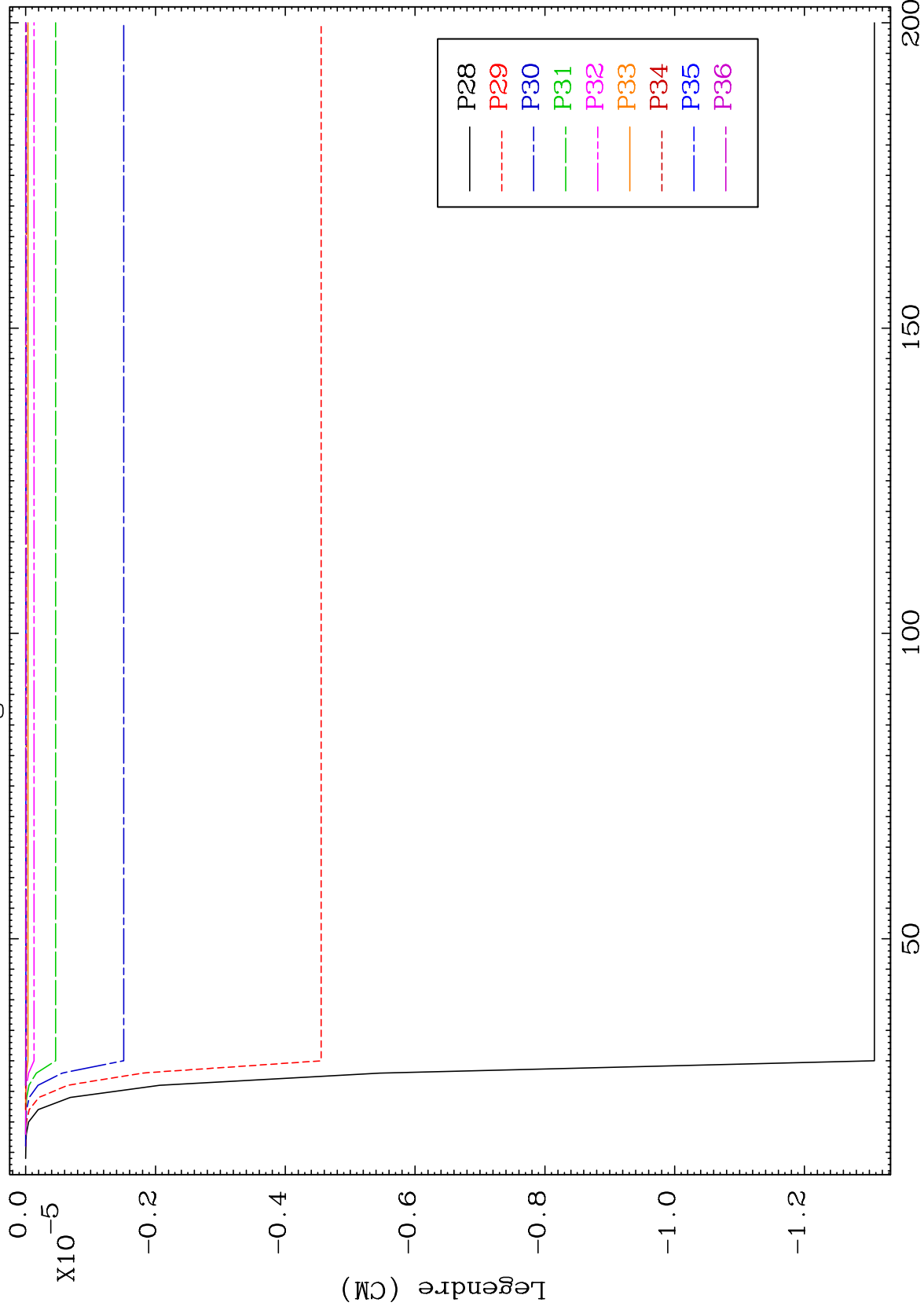
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



78

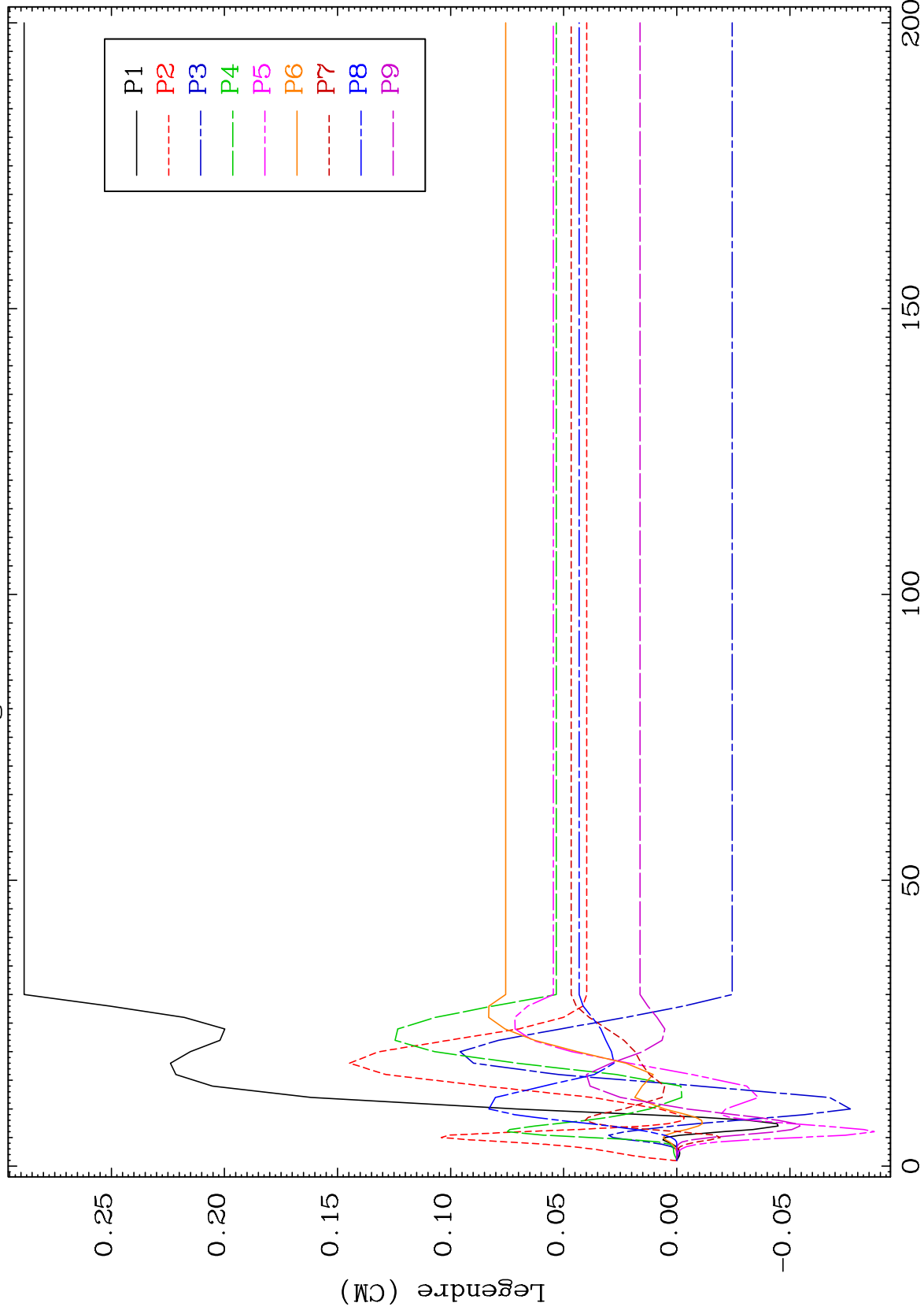
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



79

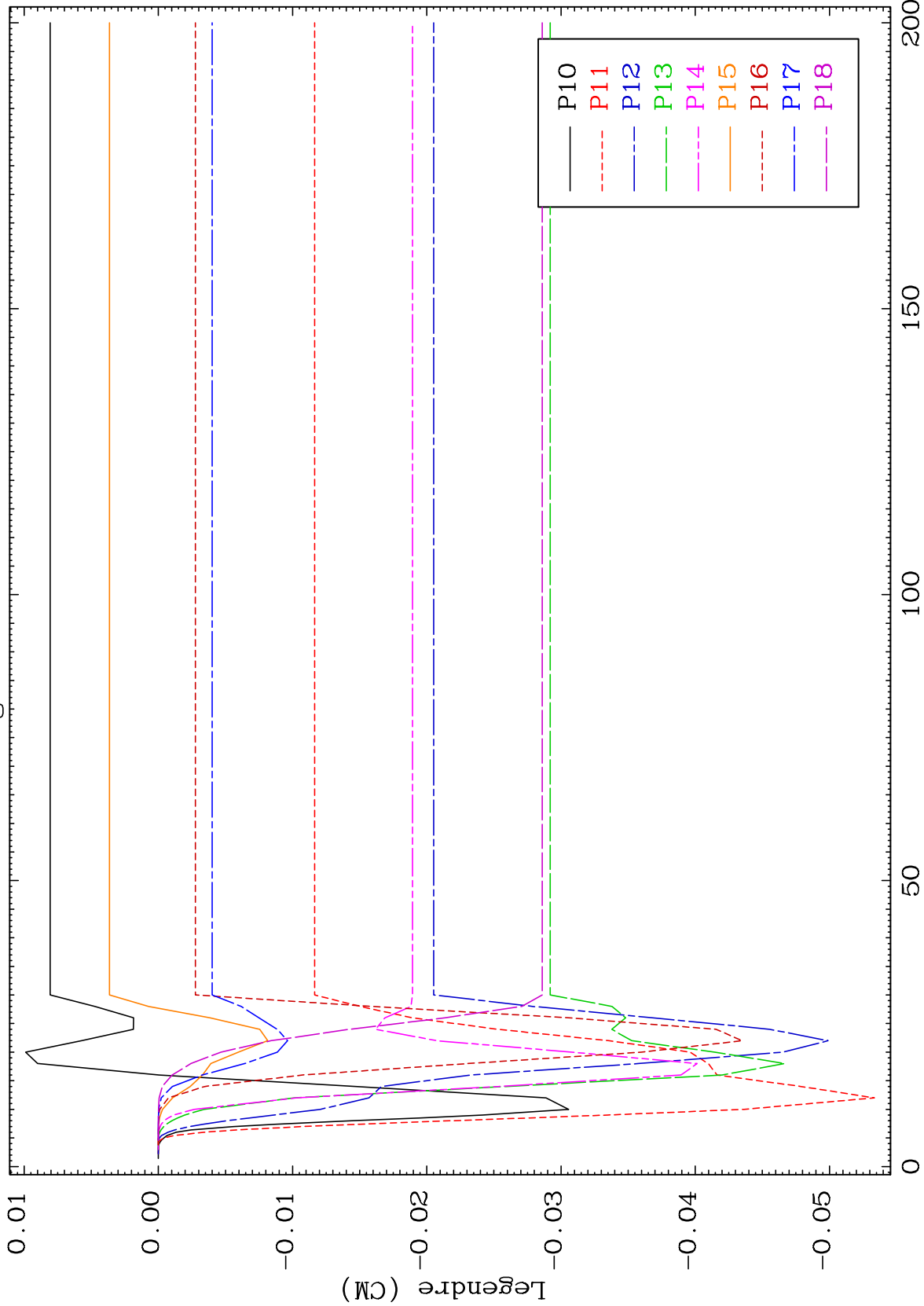
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

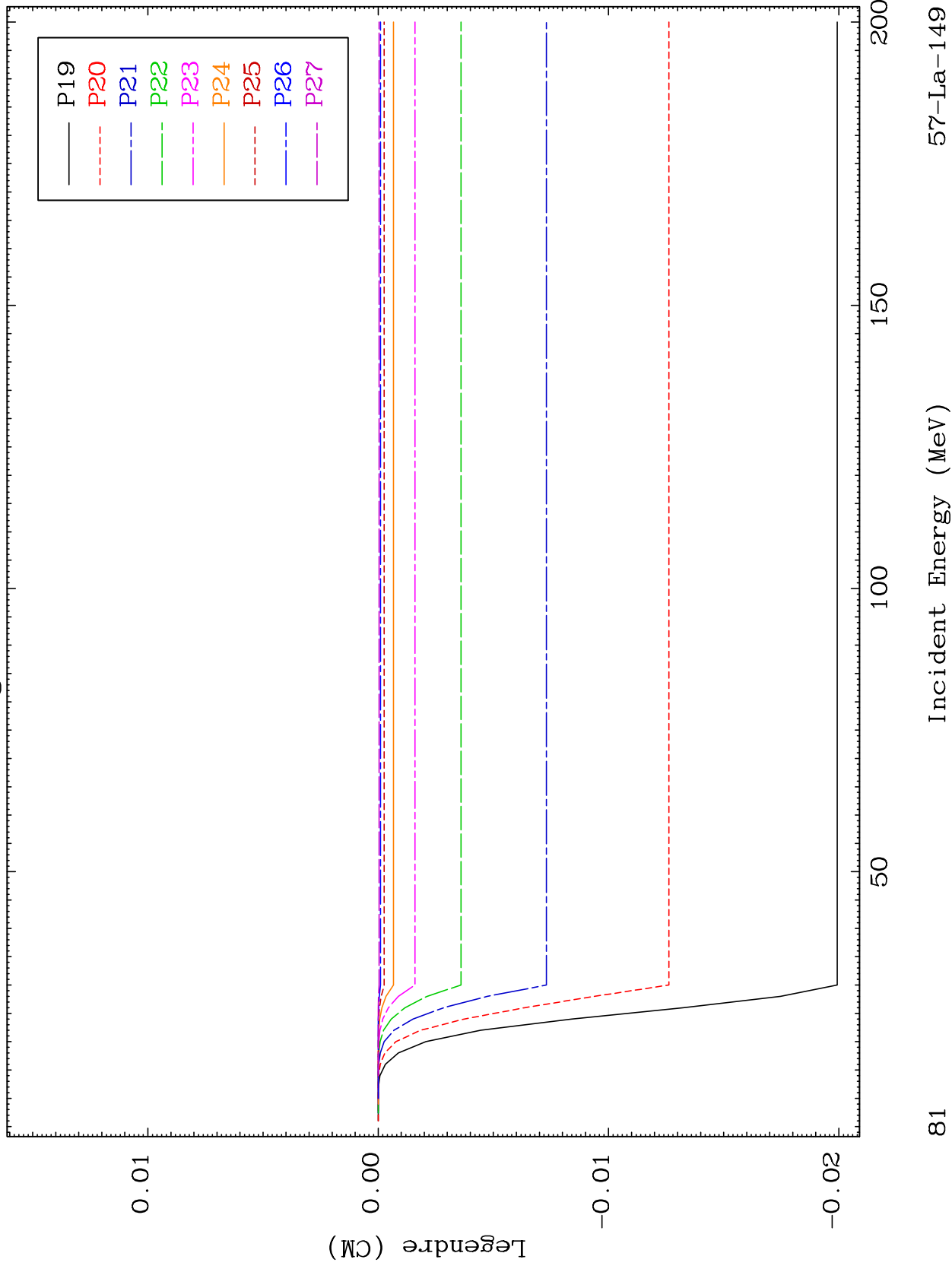
Incident Energy (MeV)

80

MAT 5758

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

57-La-149



81

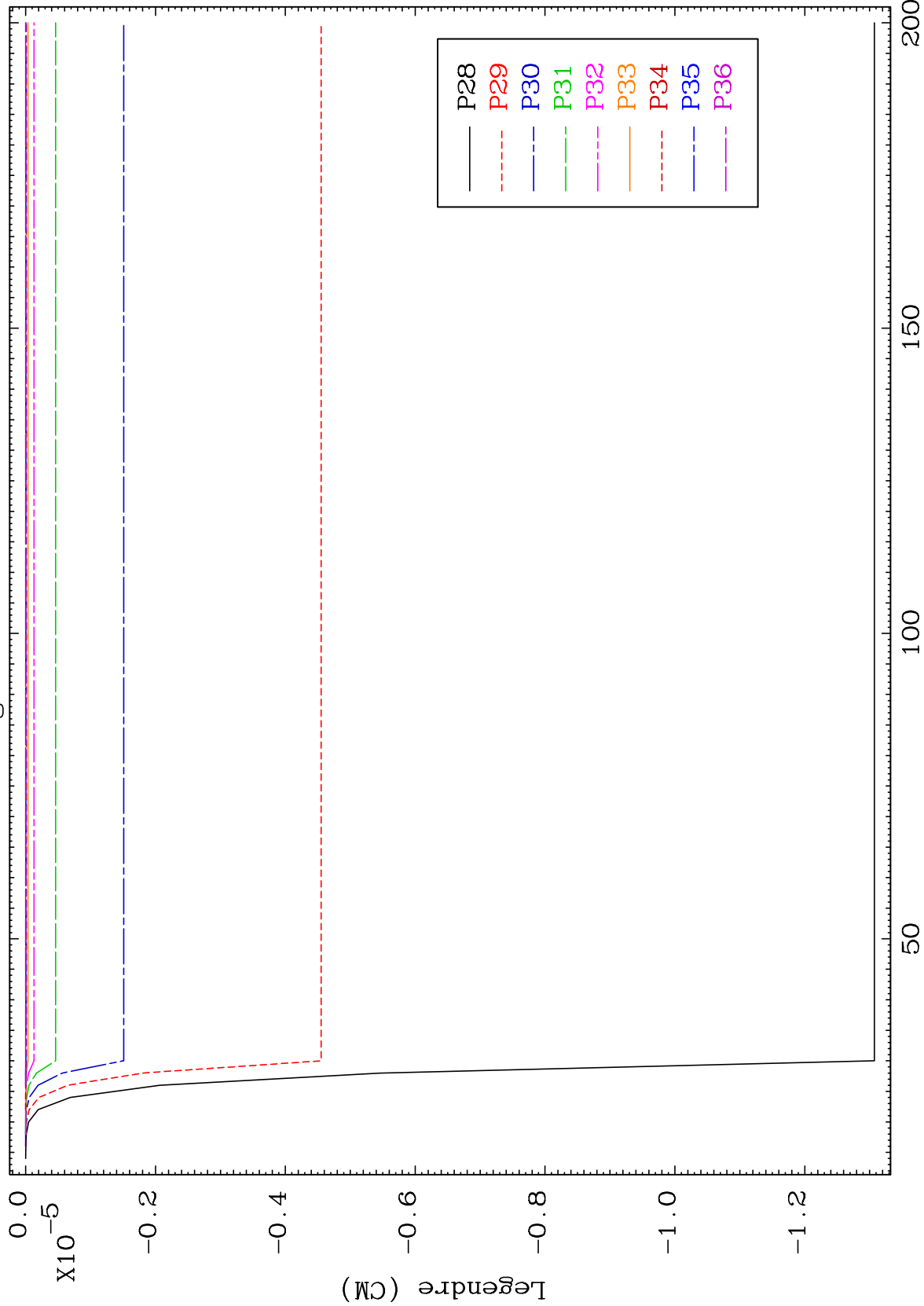
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



82

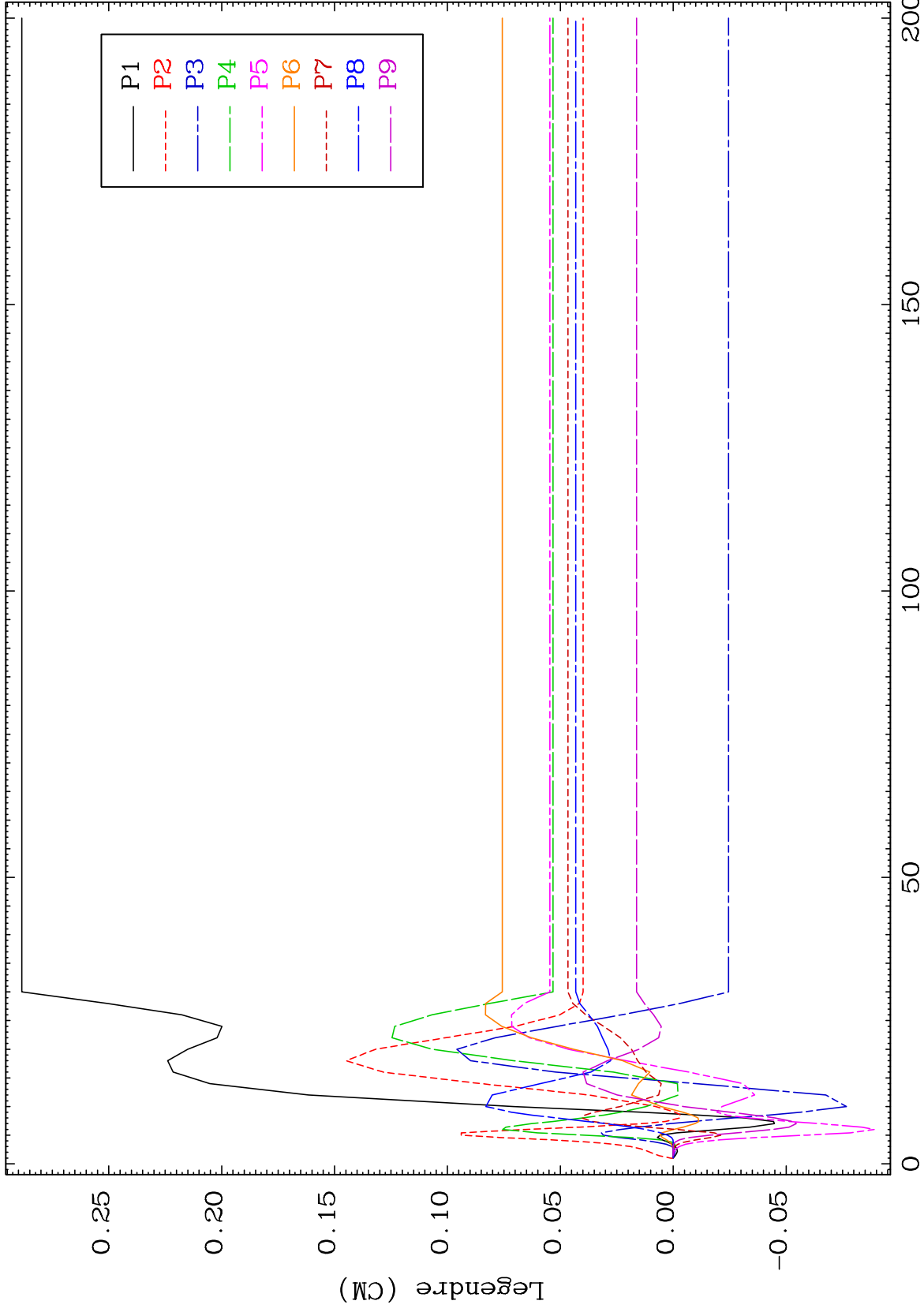
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



83

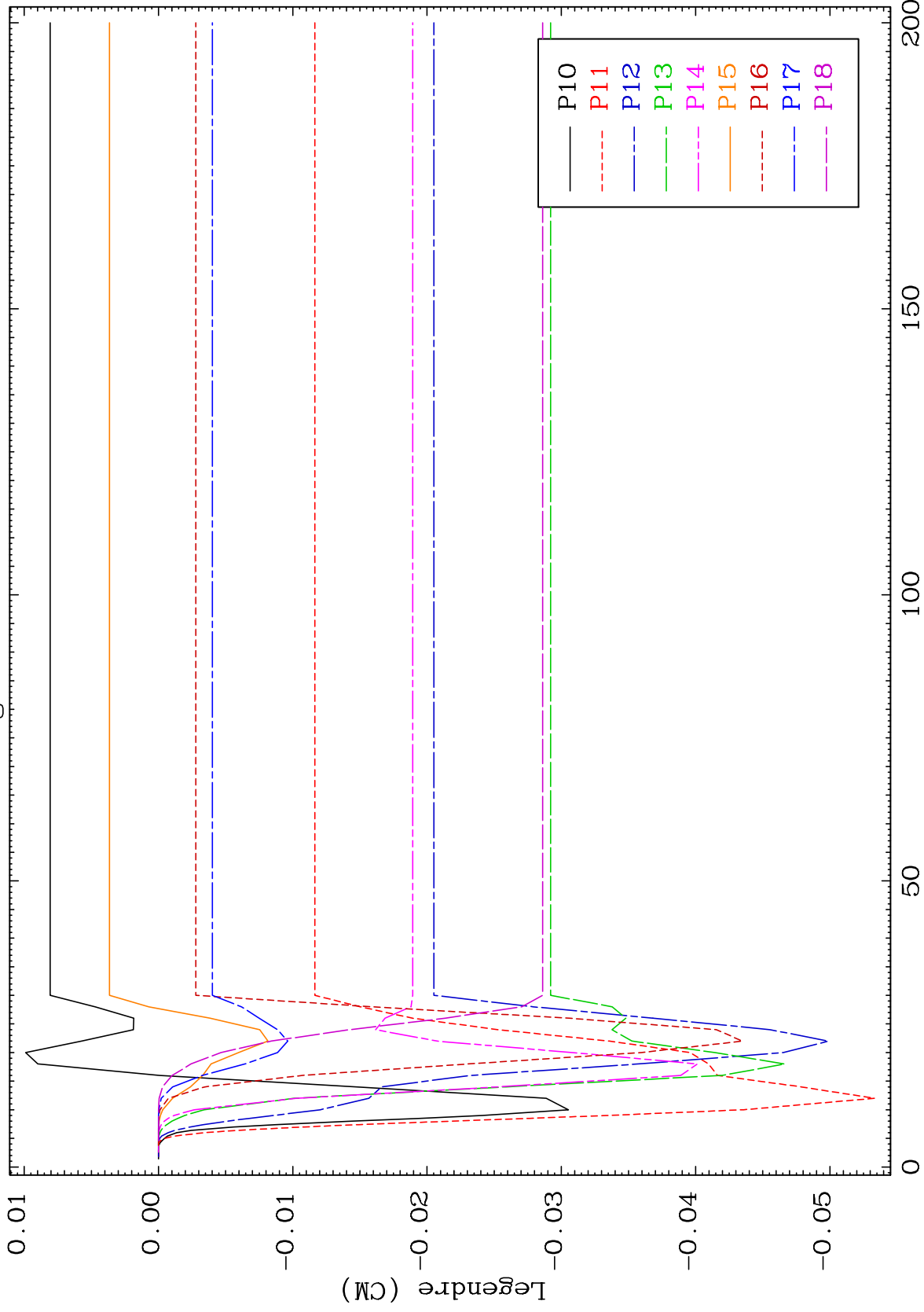
Incident Energy (MeV)

57-La-149

MAT 5758

57-La-149

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



57-La-149

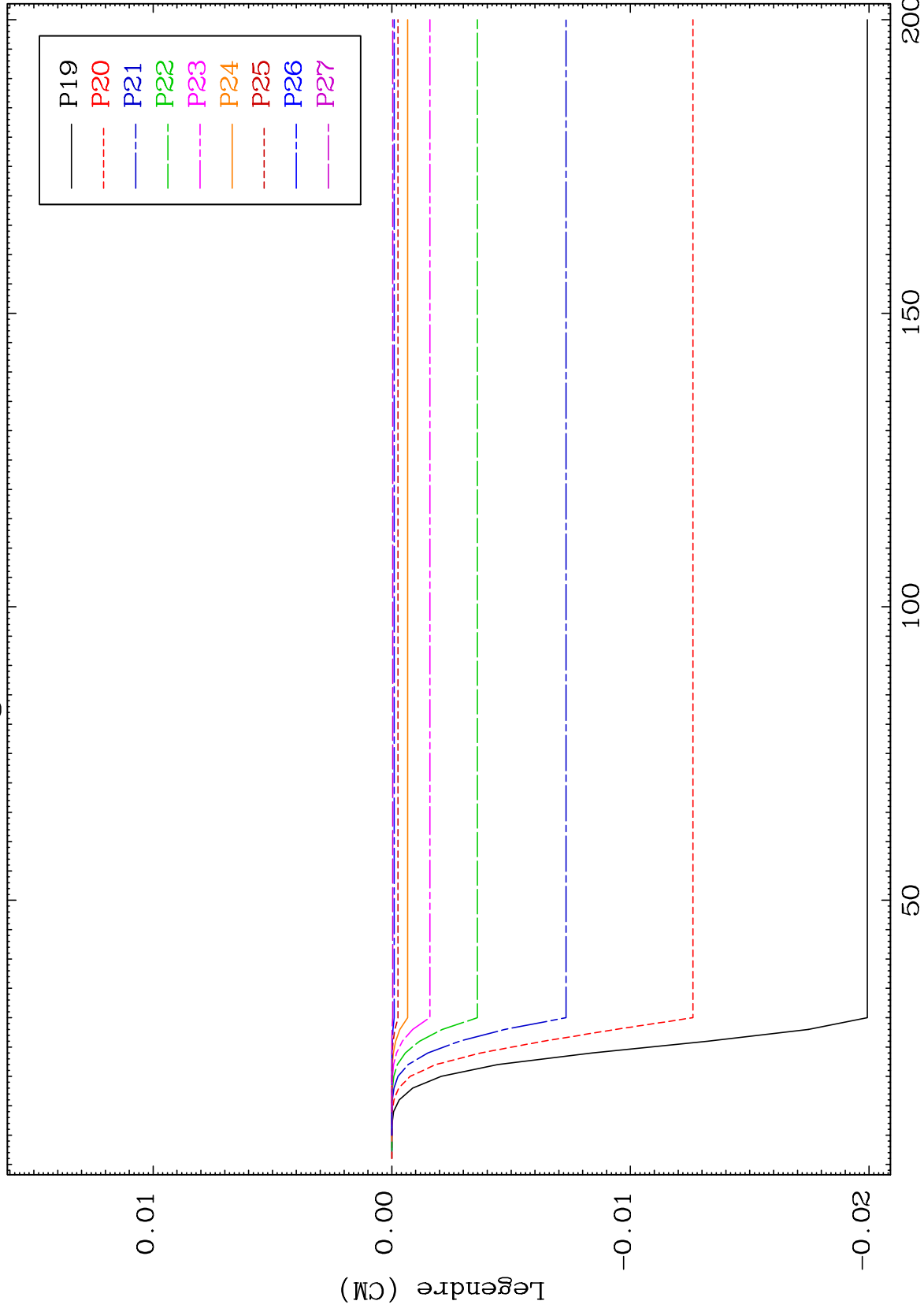
Incident Energy (MeV)

84

MAT 5758

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

57-La-149



85

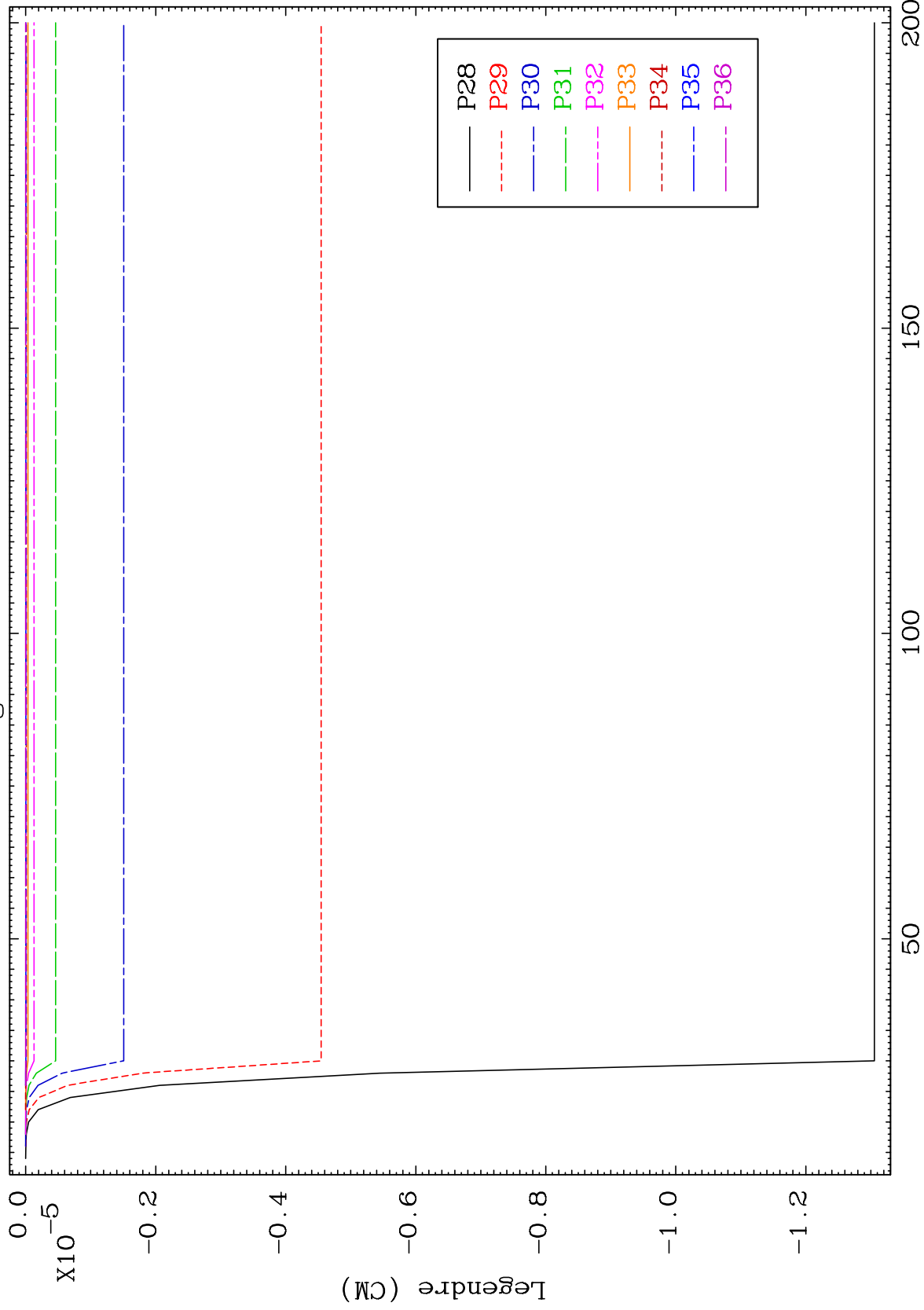
Incident Energy (MeV)

57-La-149

MAT 5758

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

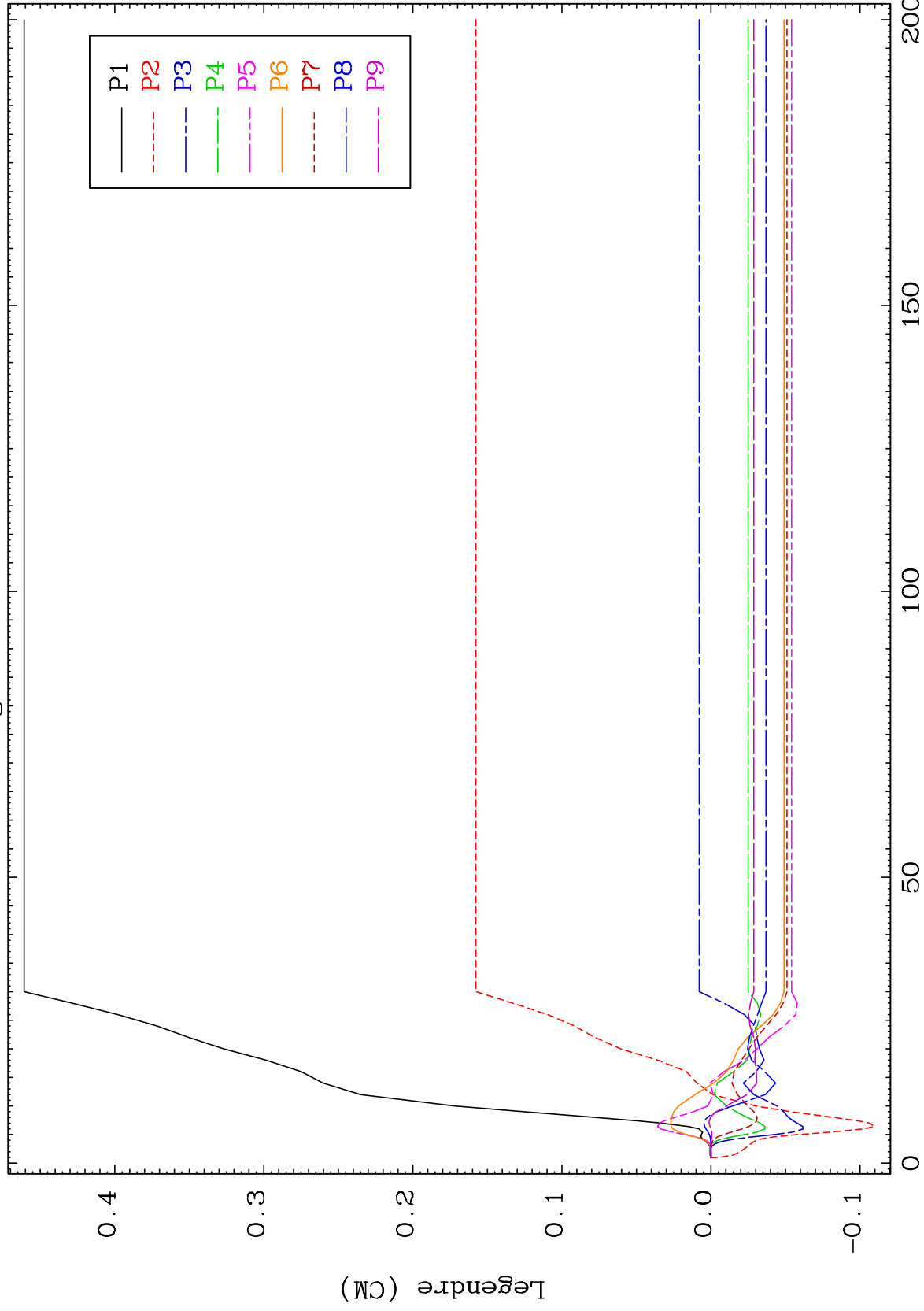
57-La-149



MAT 5758

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

57-La-149



57-La-149

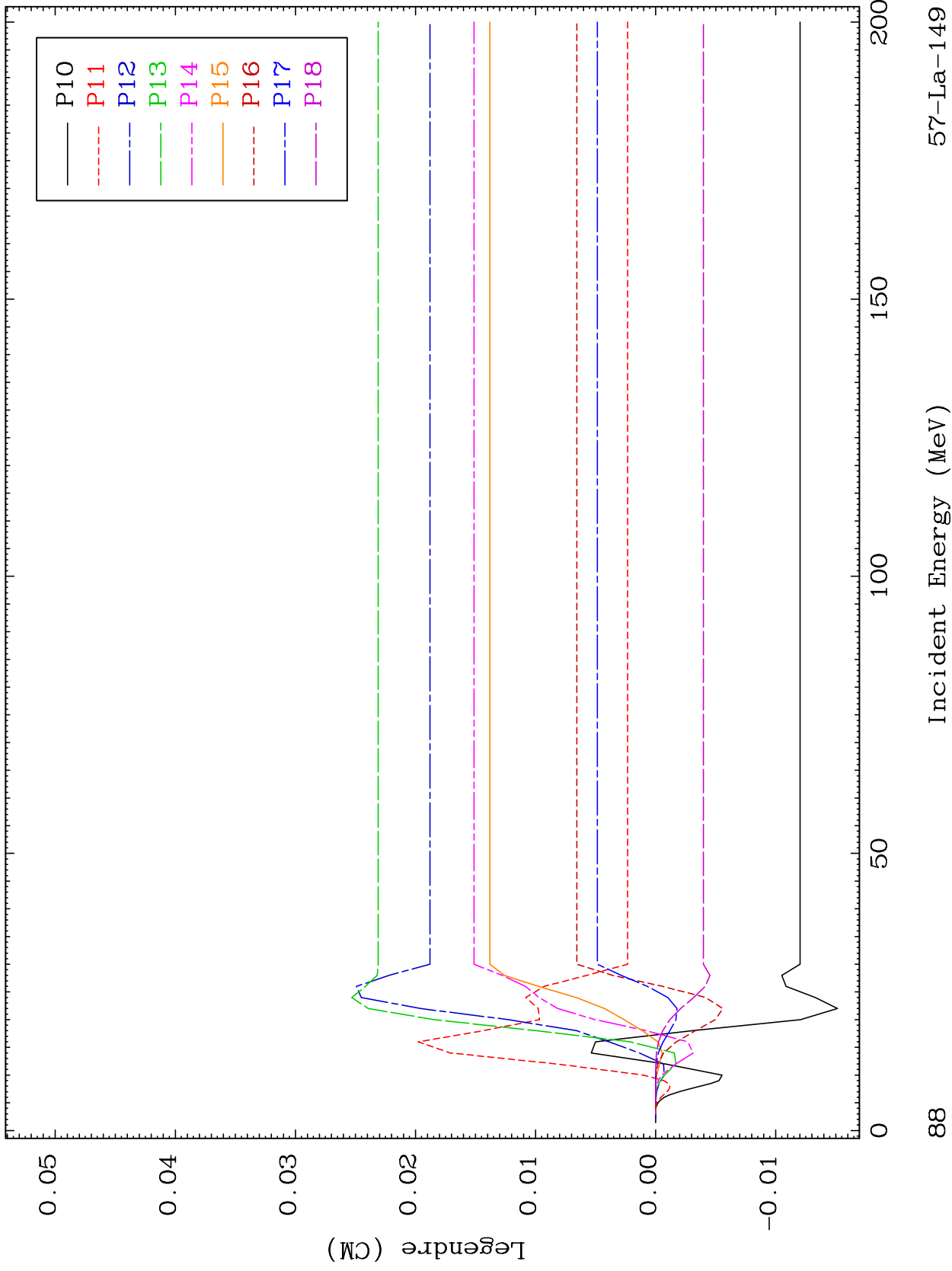
Incident Energy (MeV)

87

MAT 5758

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

57-La-149



57-La-149

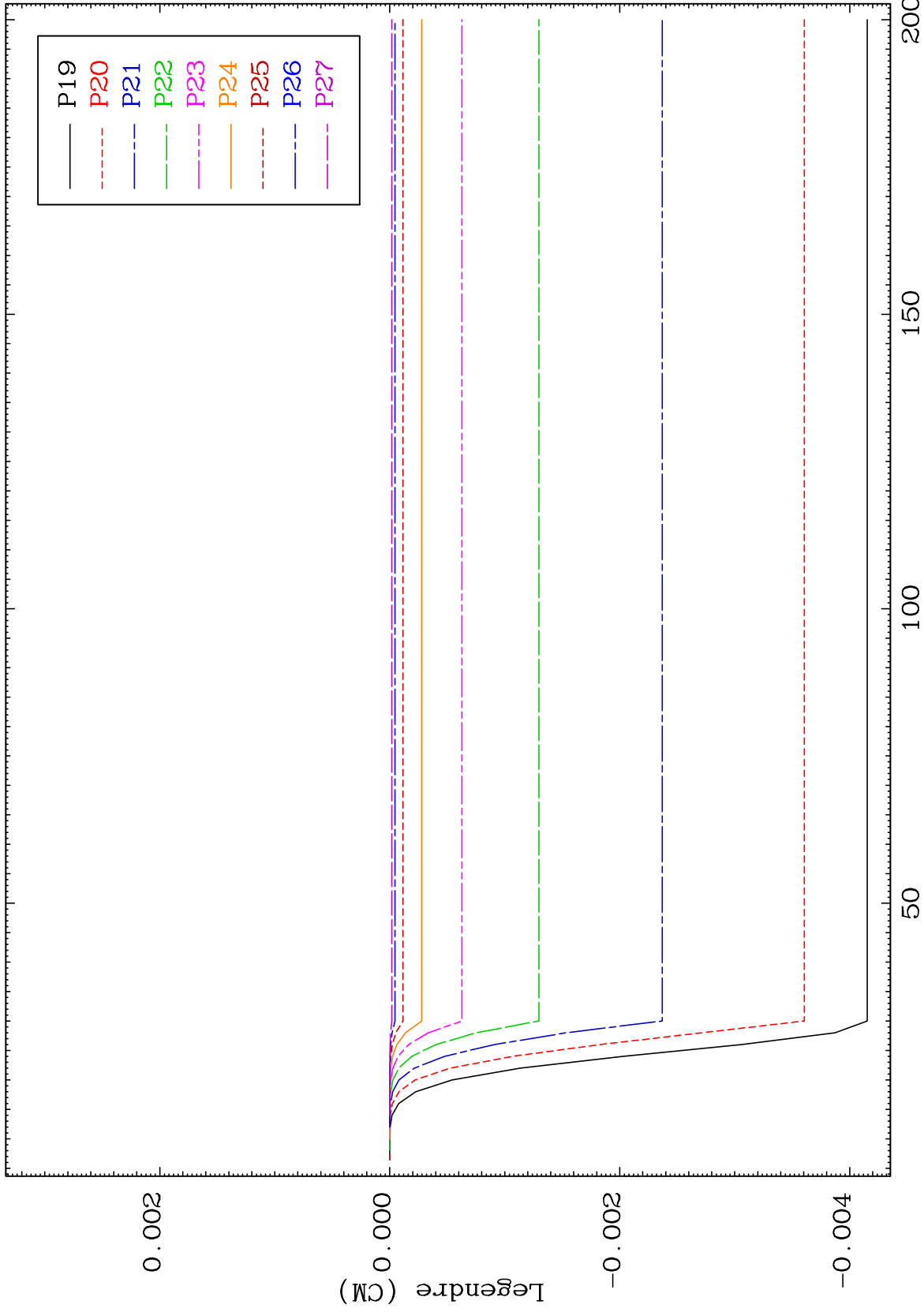
Incident Energy (MeV)

88

MAT 5758

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

57-La-149



89

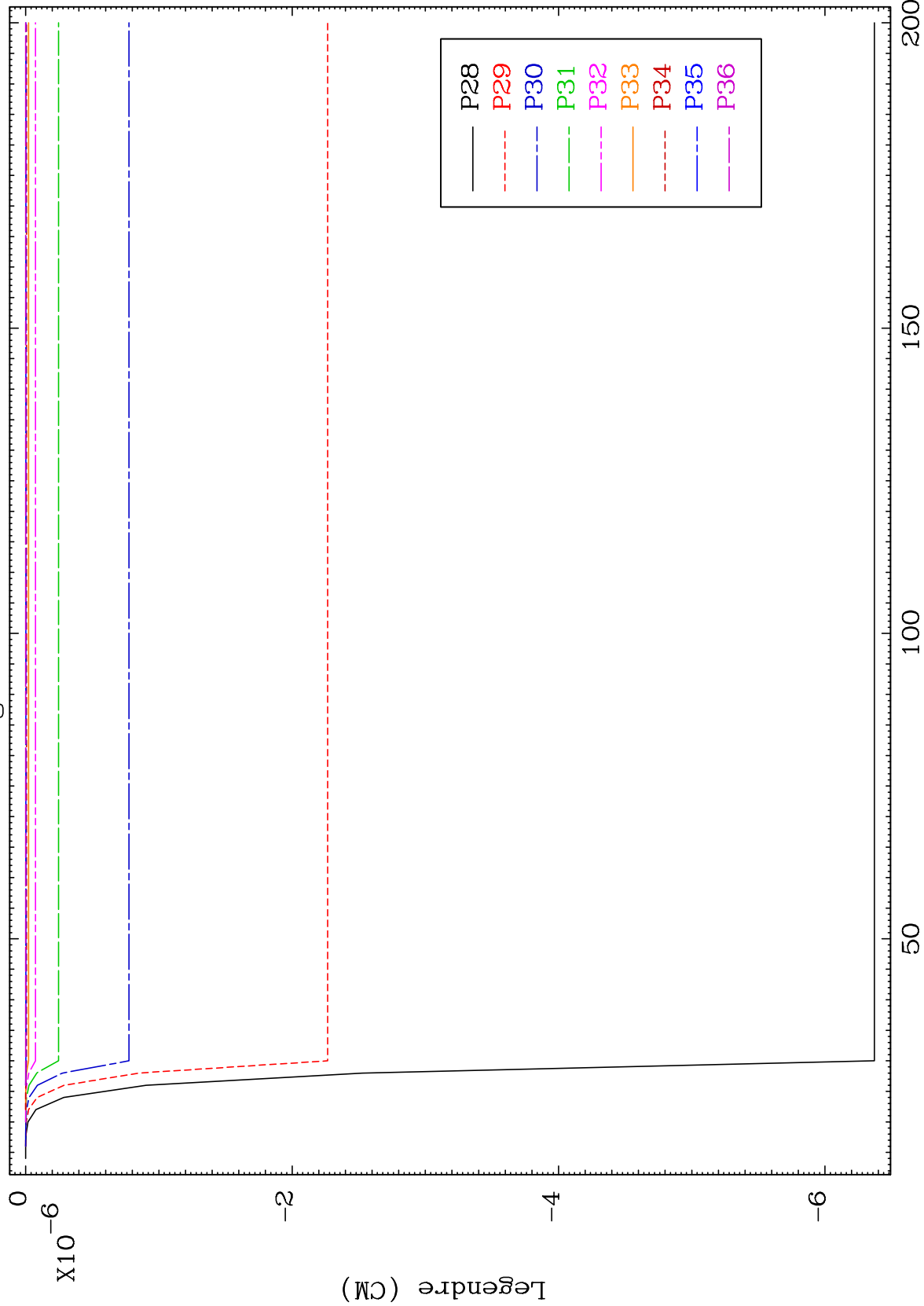
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



90

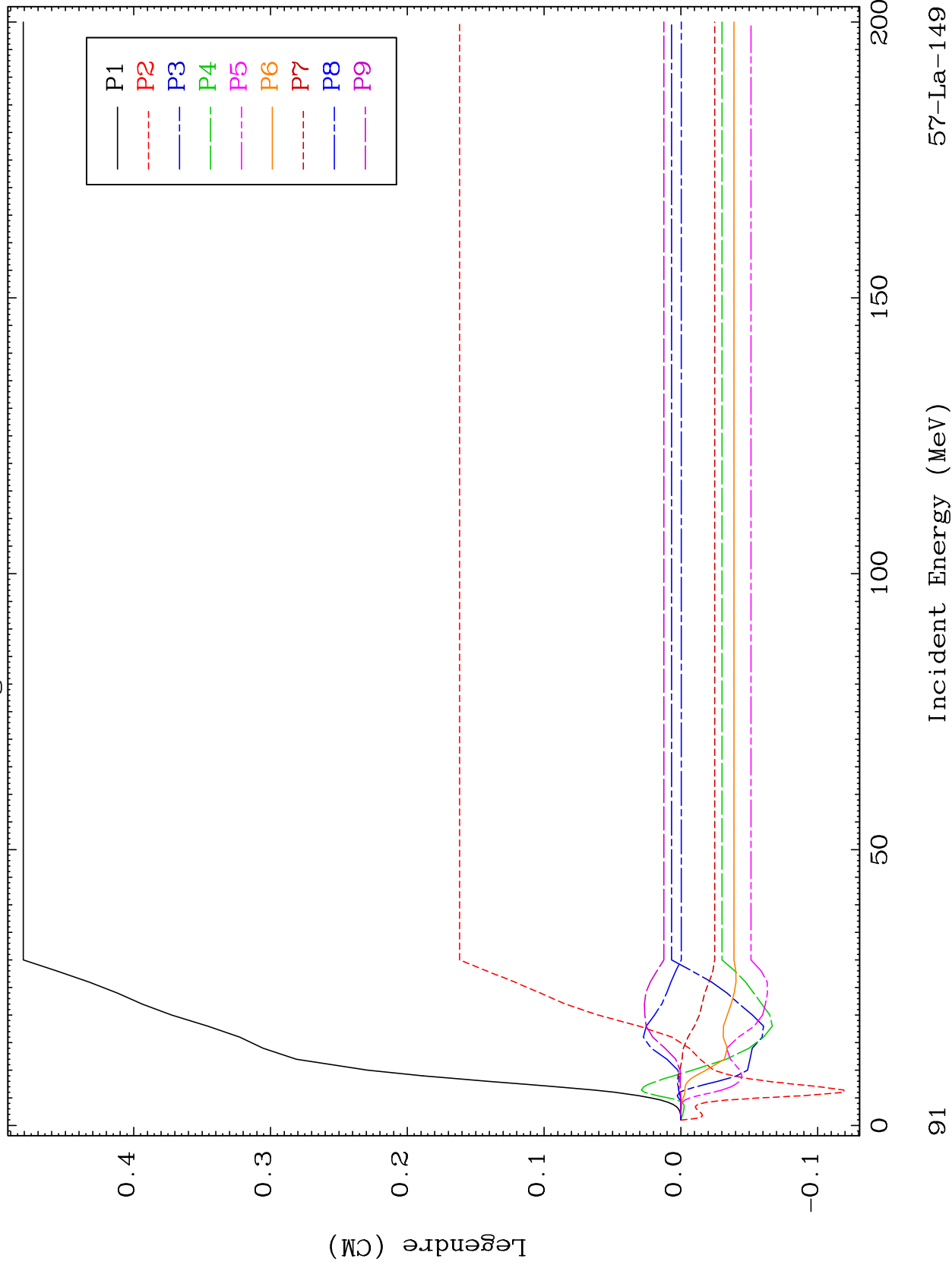
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

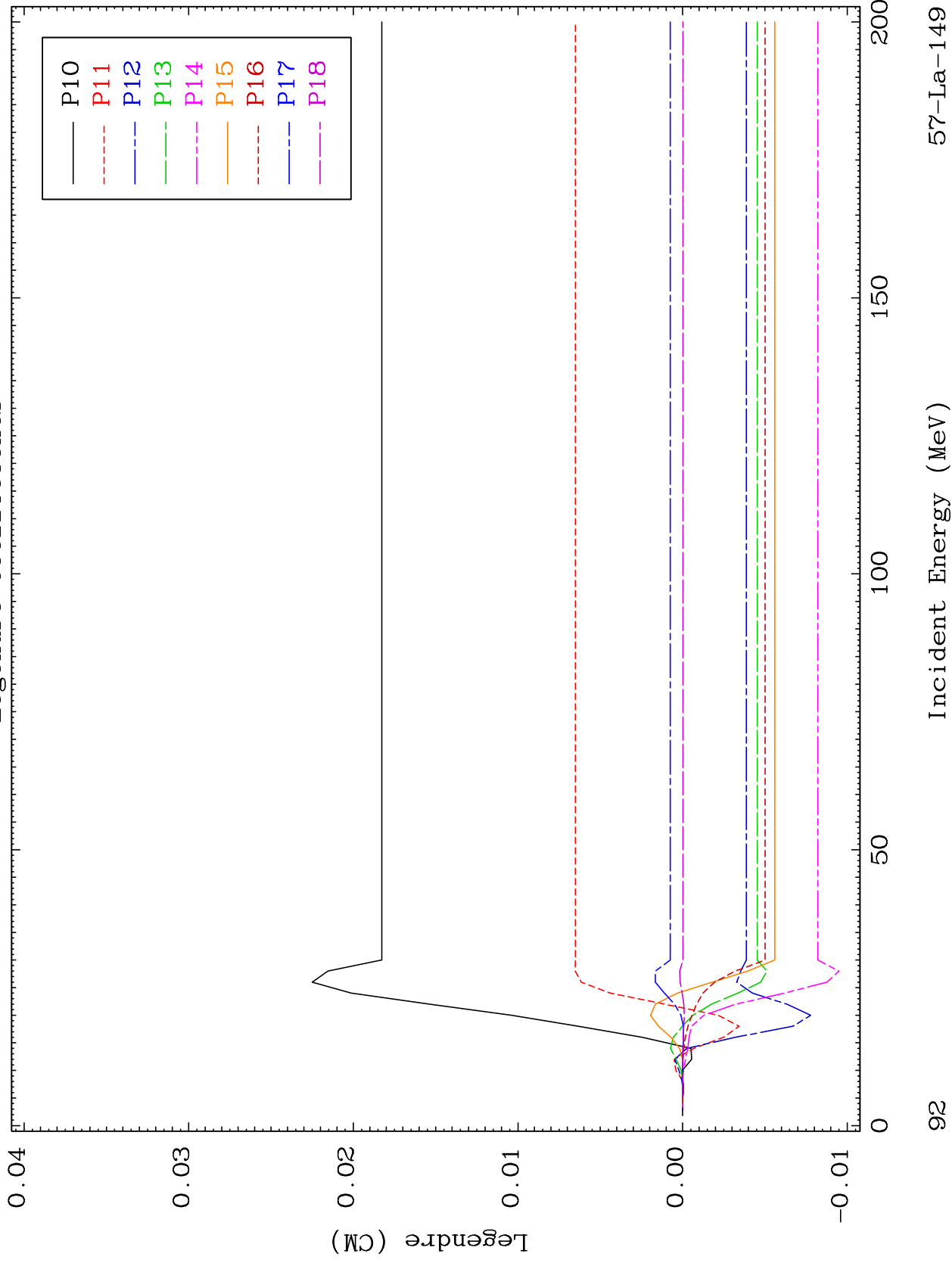
Incident Energy (MeV)

91

MAT 5758

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

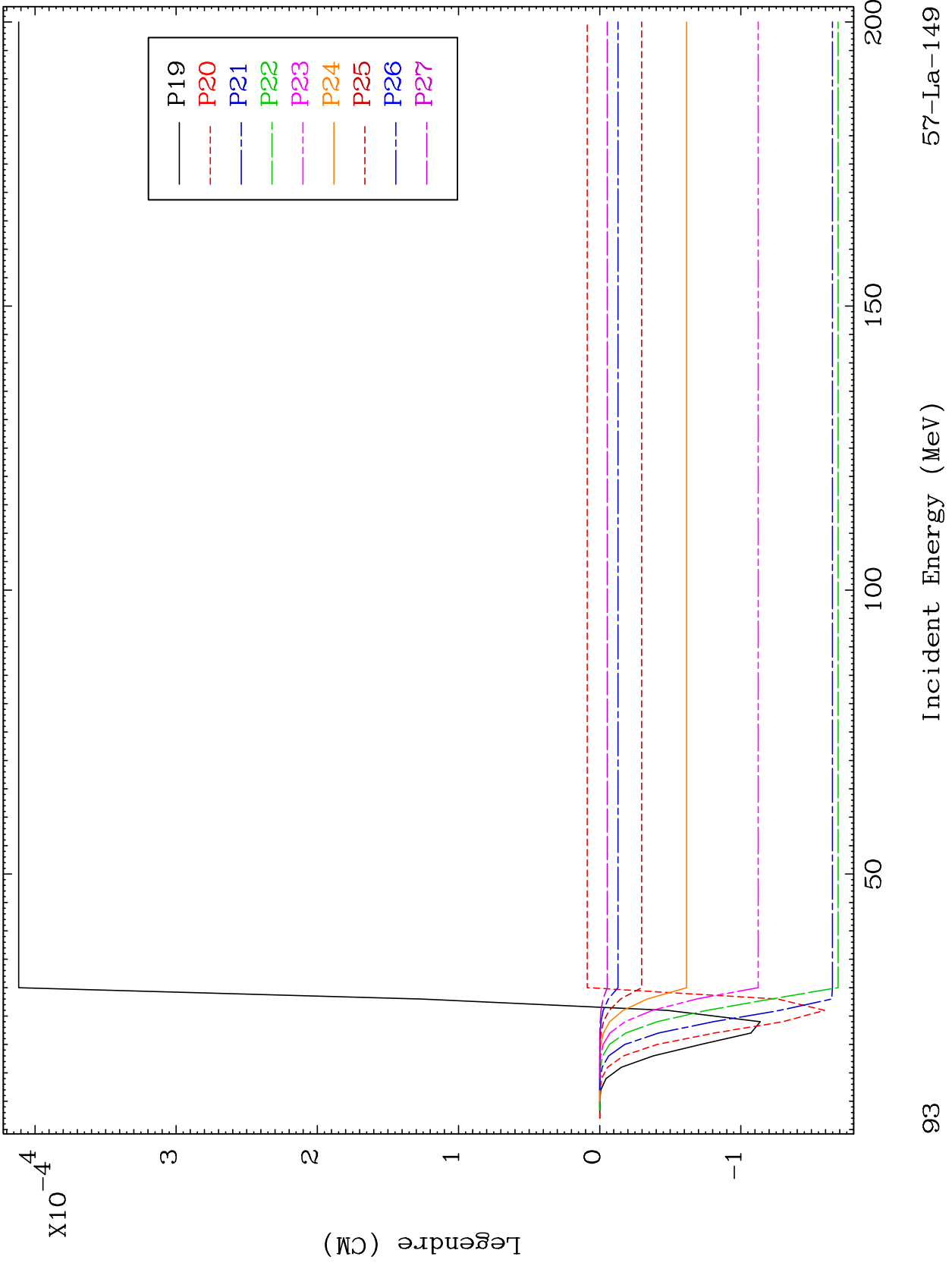
57-La-149

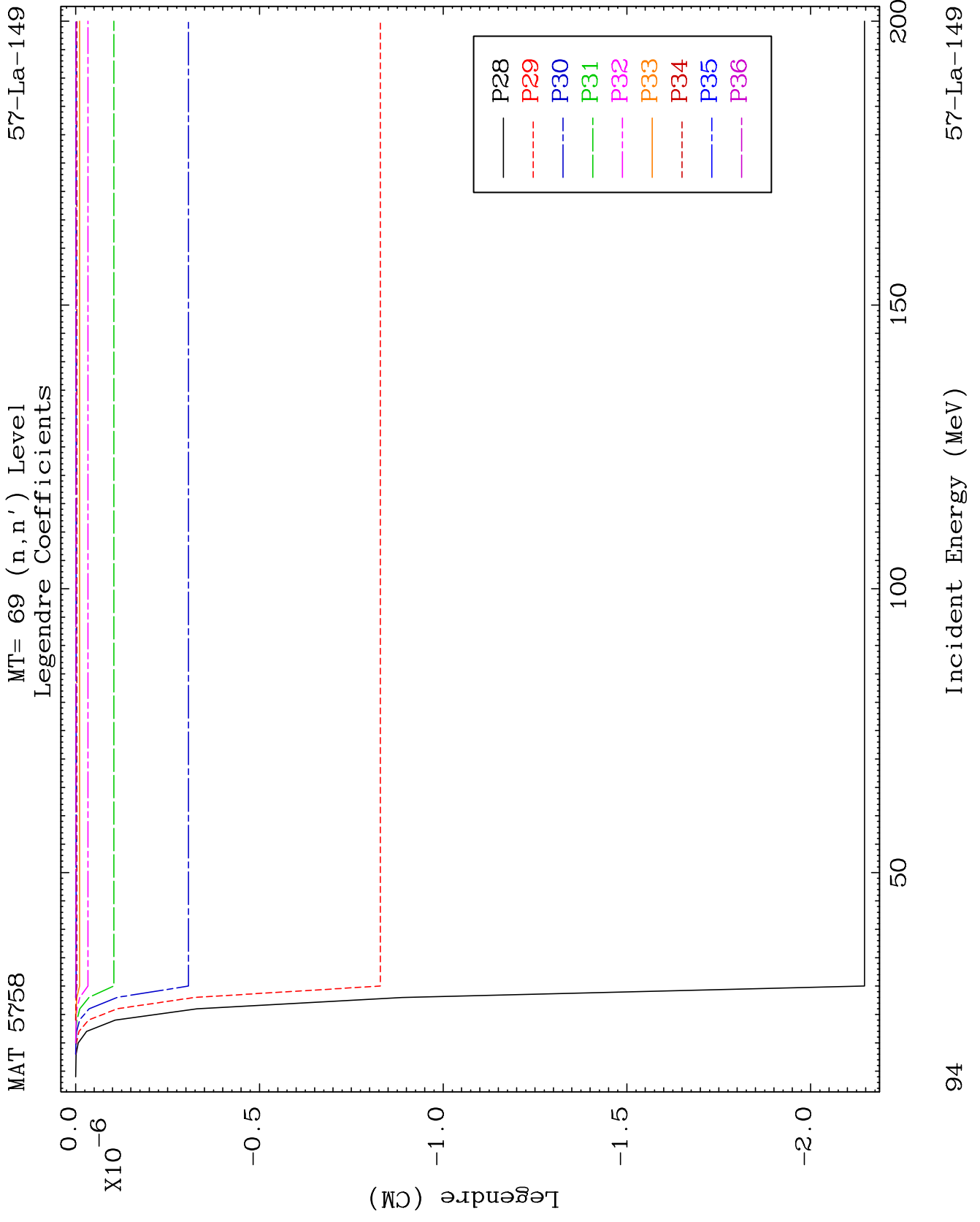


57-La-149

Incident Energy (MeV)

92

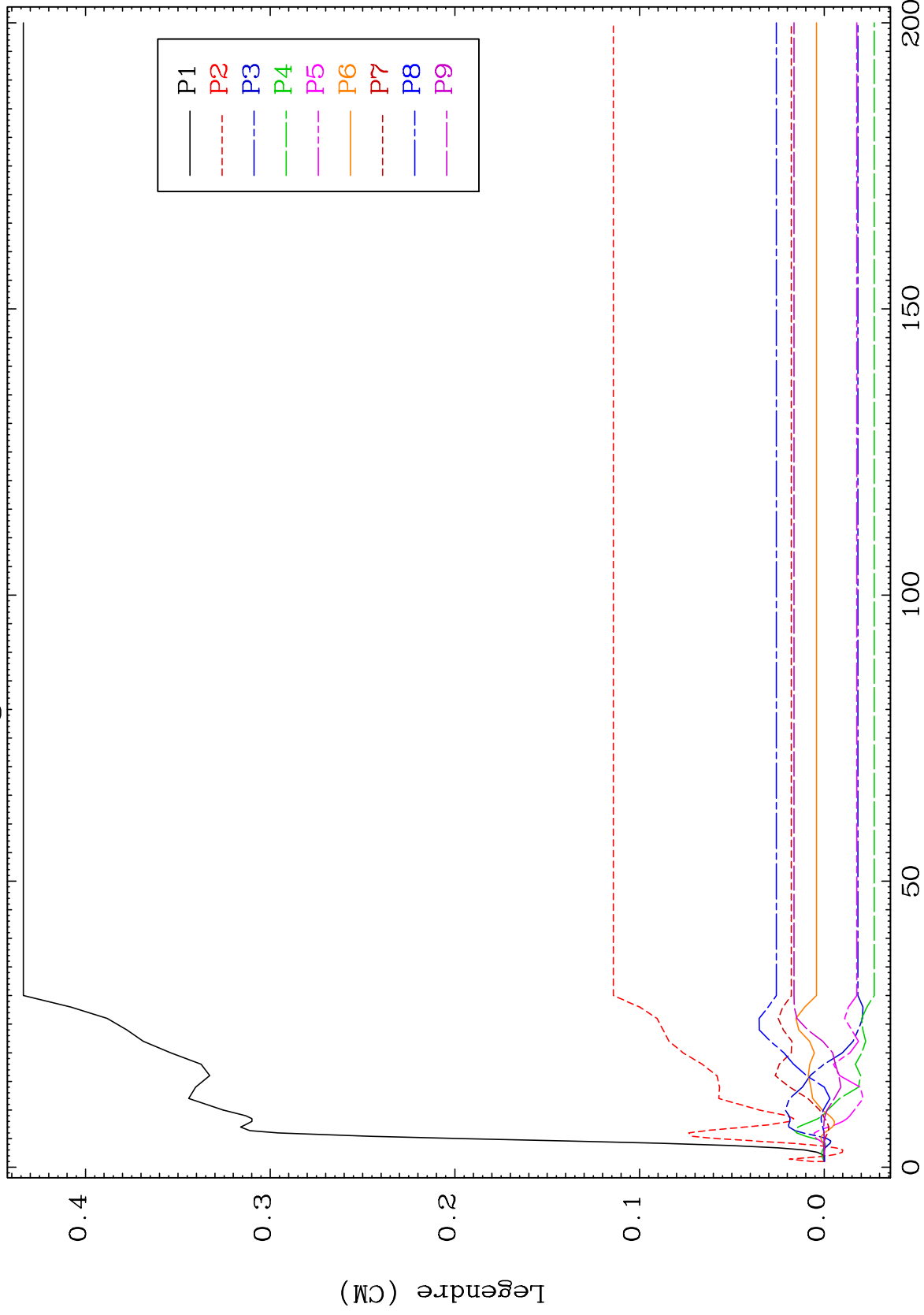




MAT 5758

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

57-La-149



95

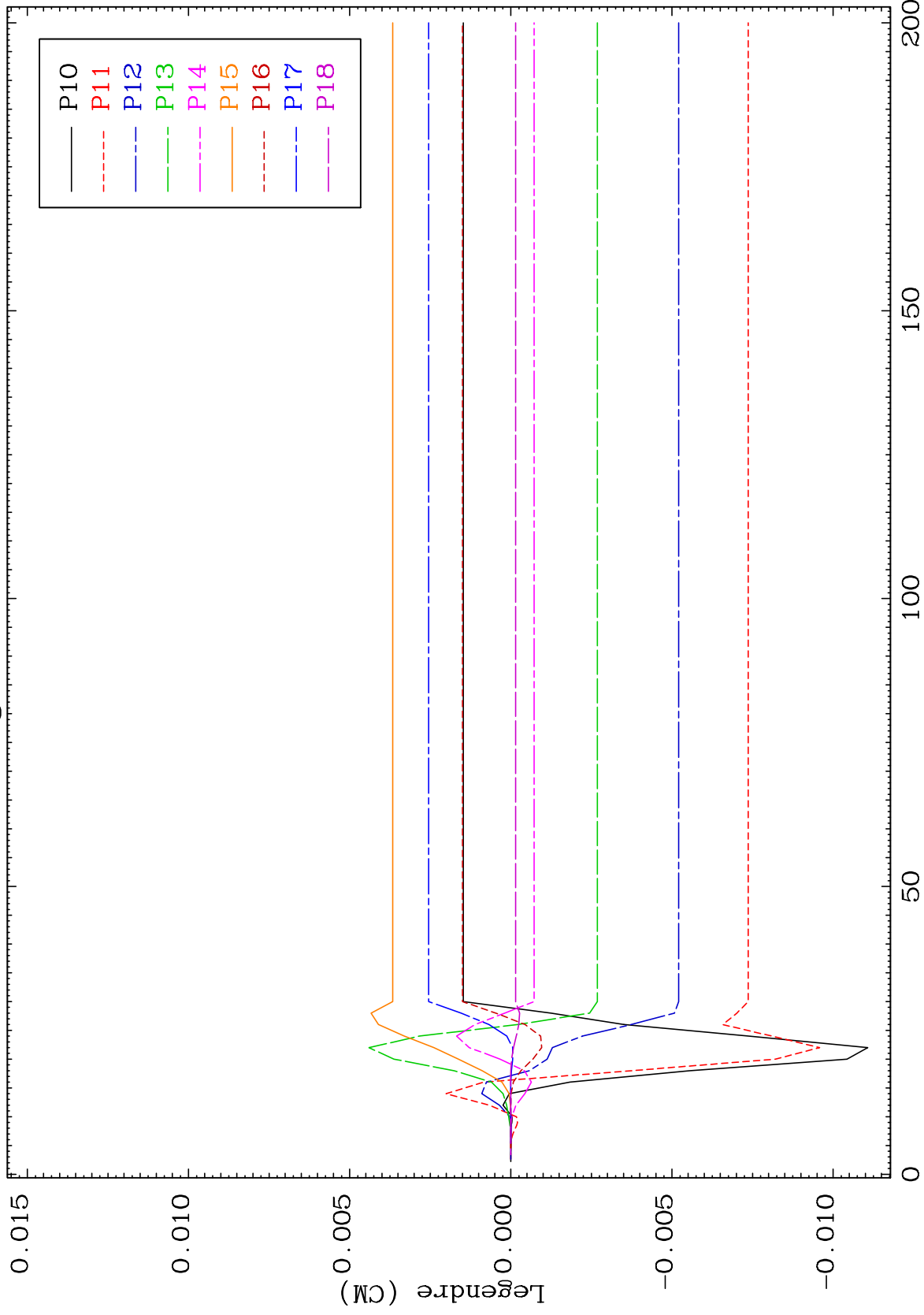
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



96

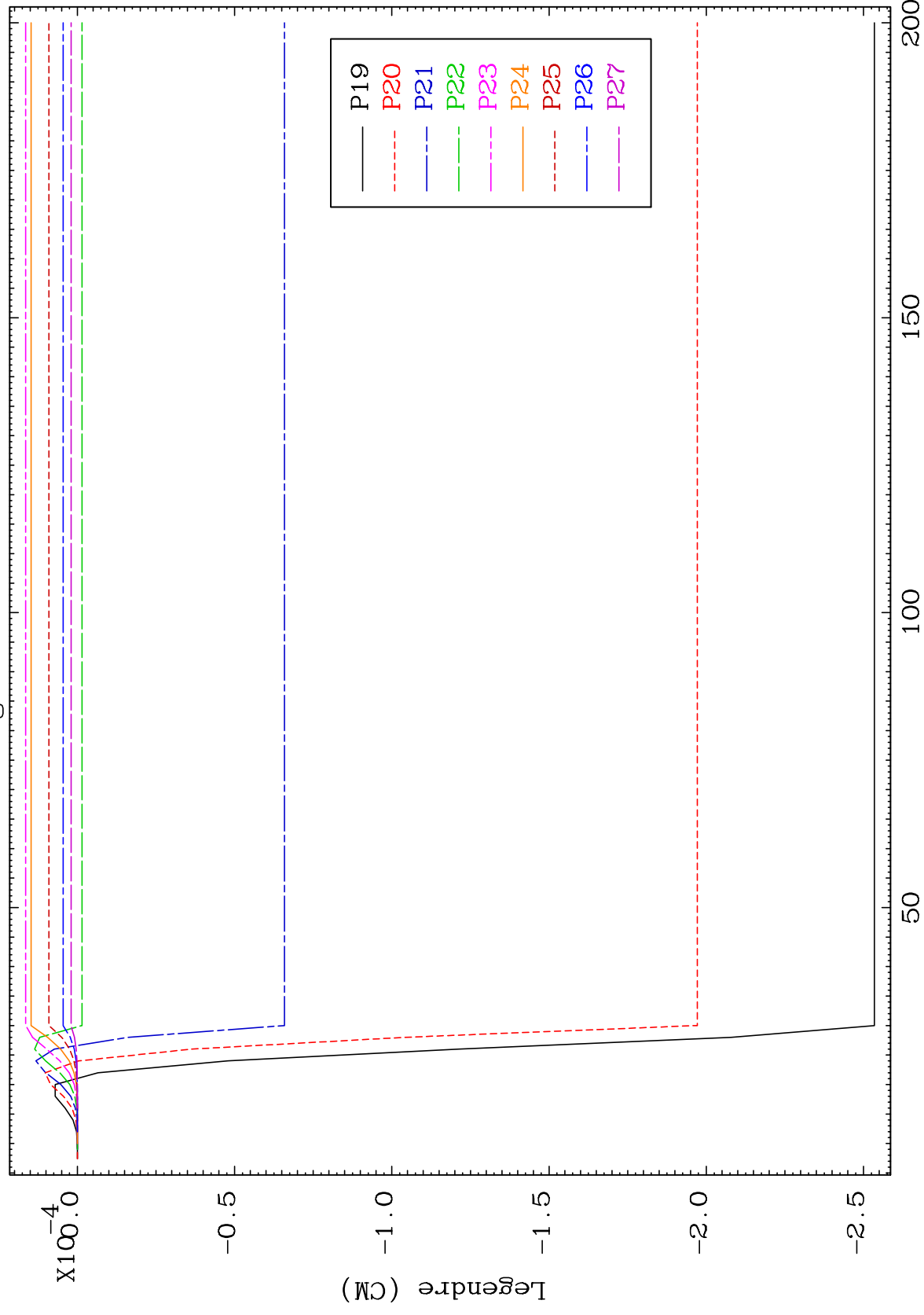
Incident Energy (MeV)

57-La-149

MAT 5758

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

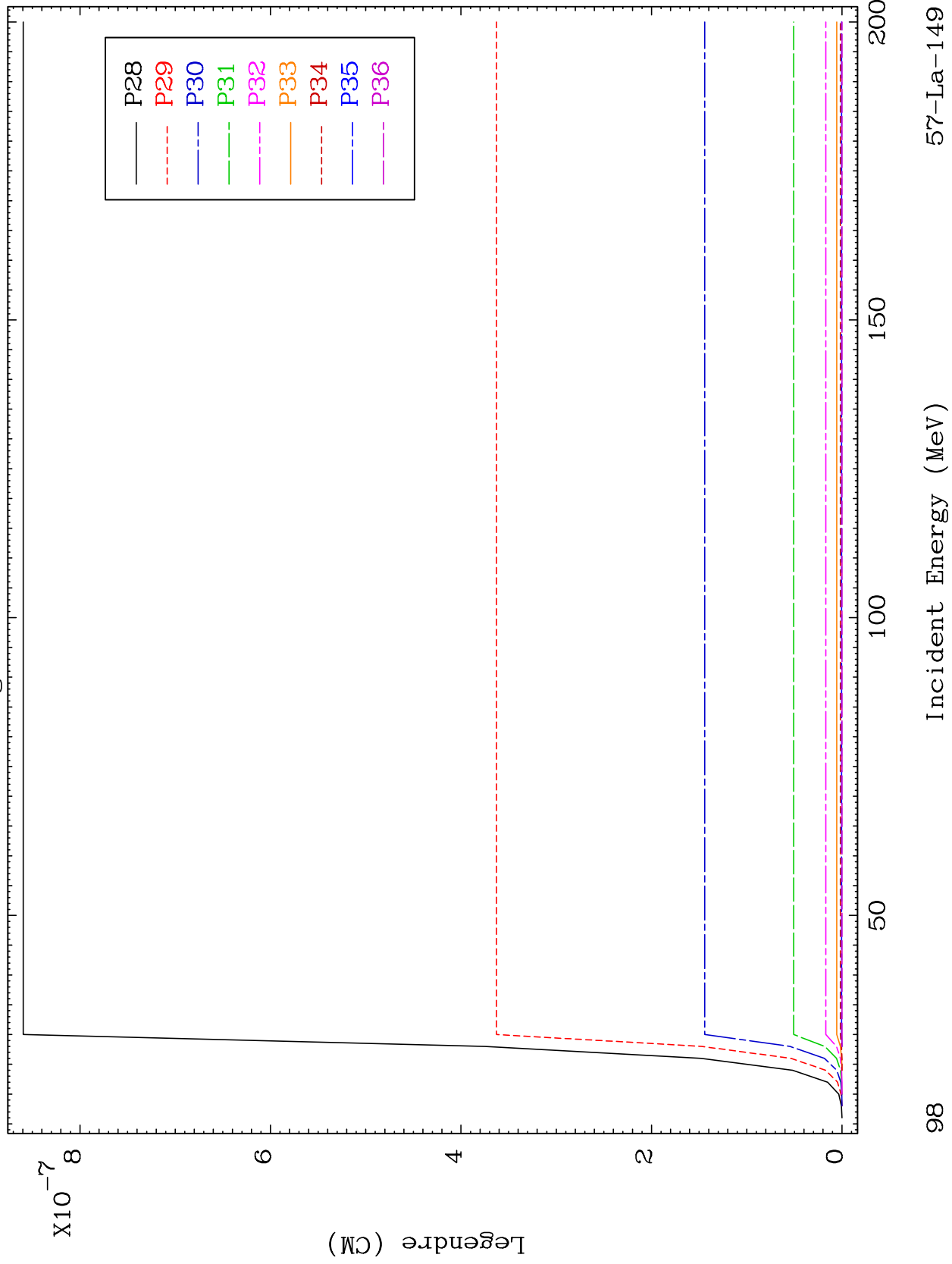
57-La-149



MAT 5758

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

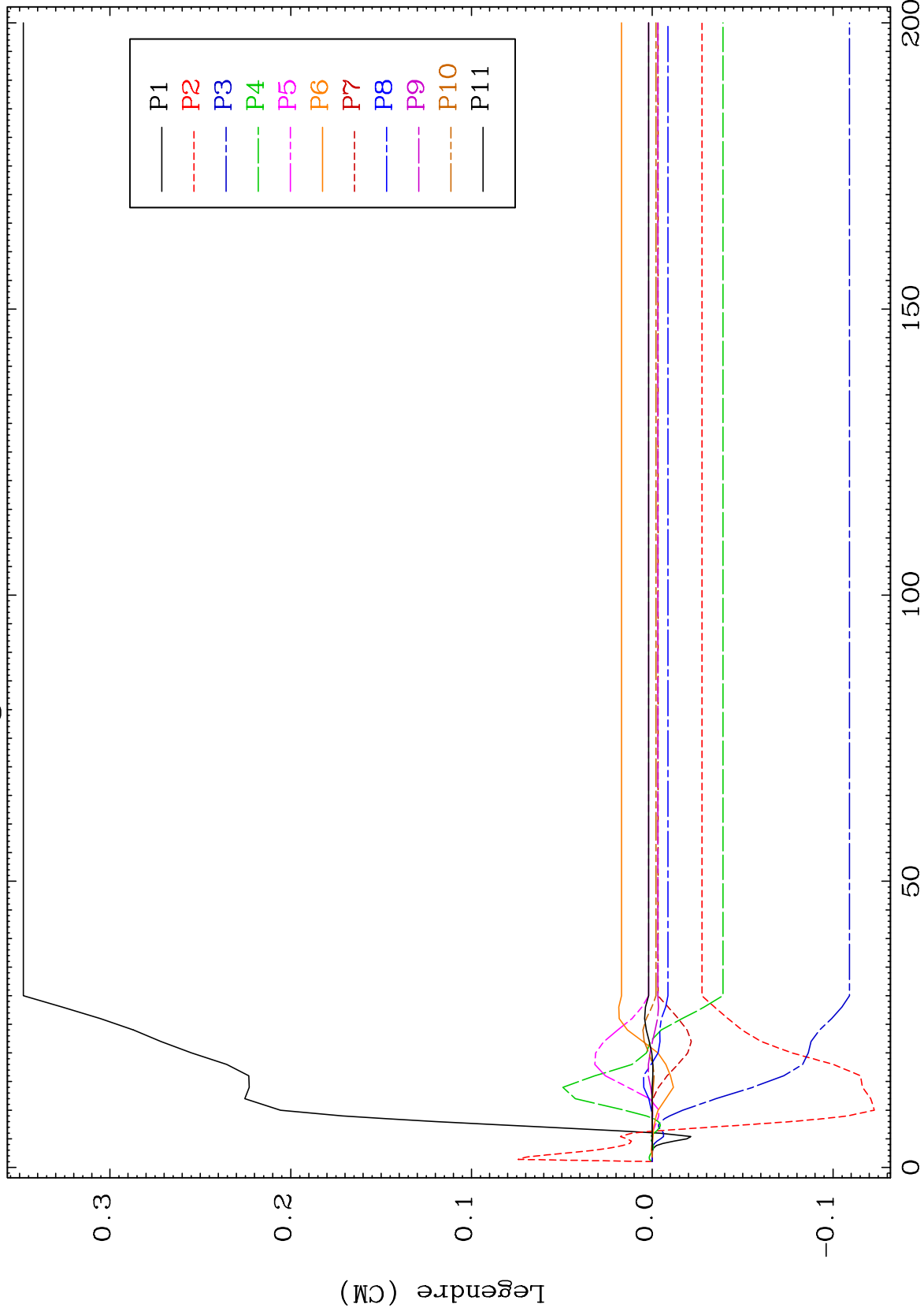
57-La-149



MAT 5758

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

57-La-149



99

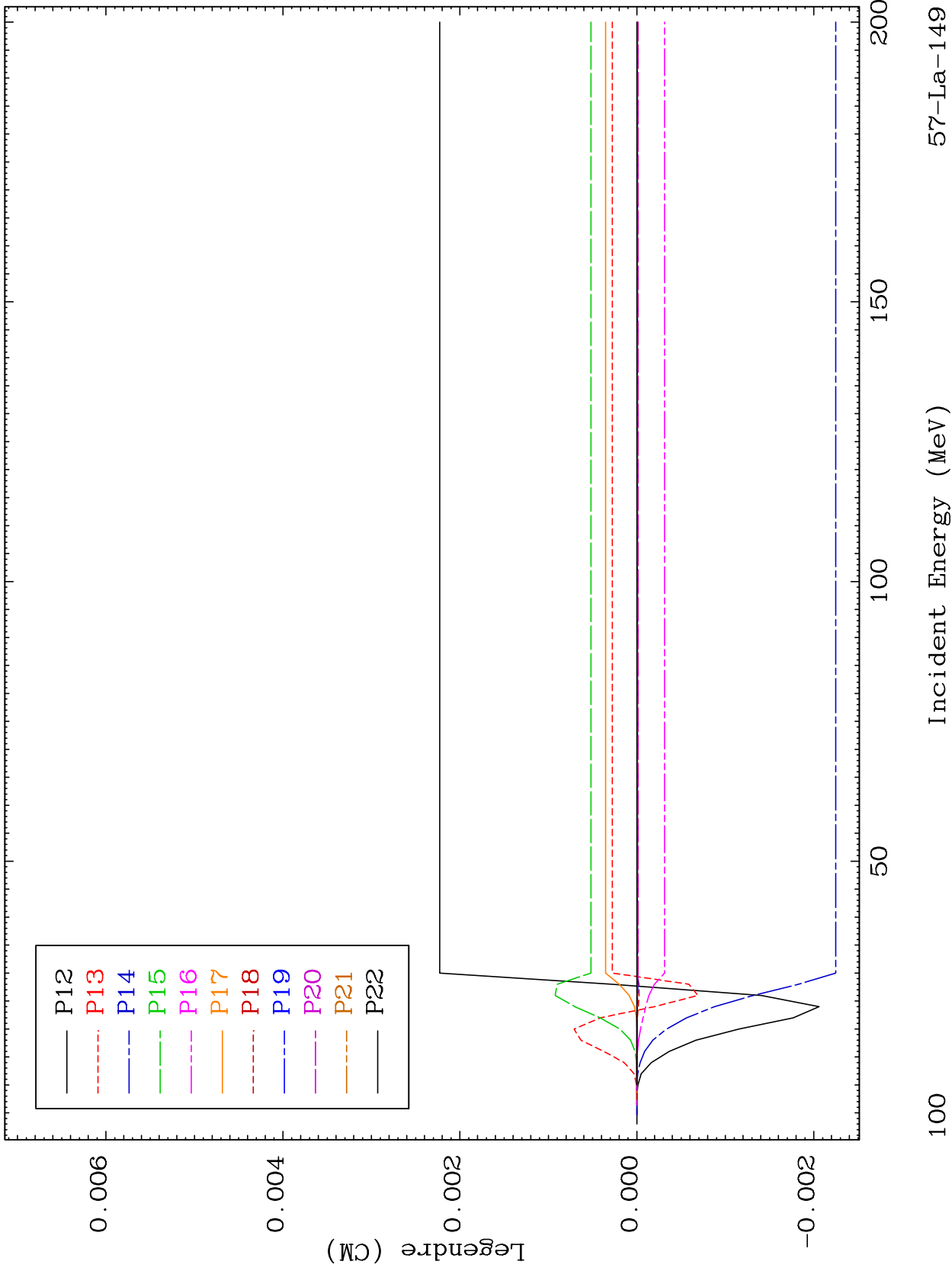
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

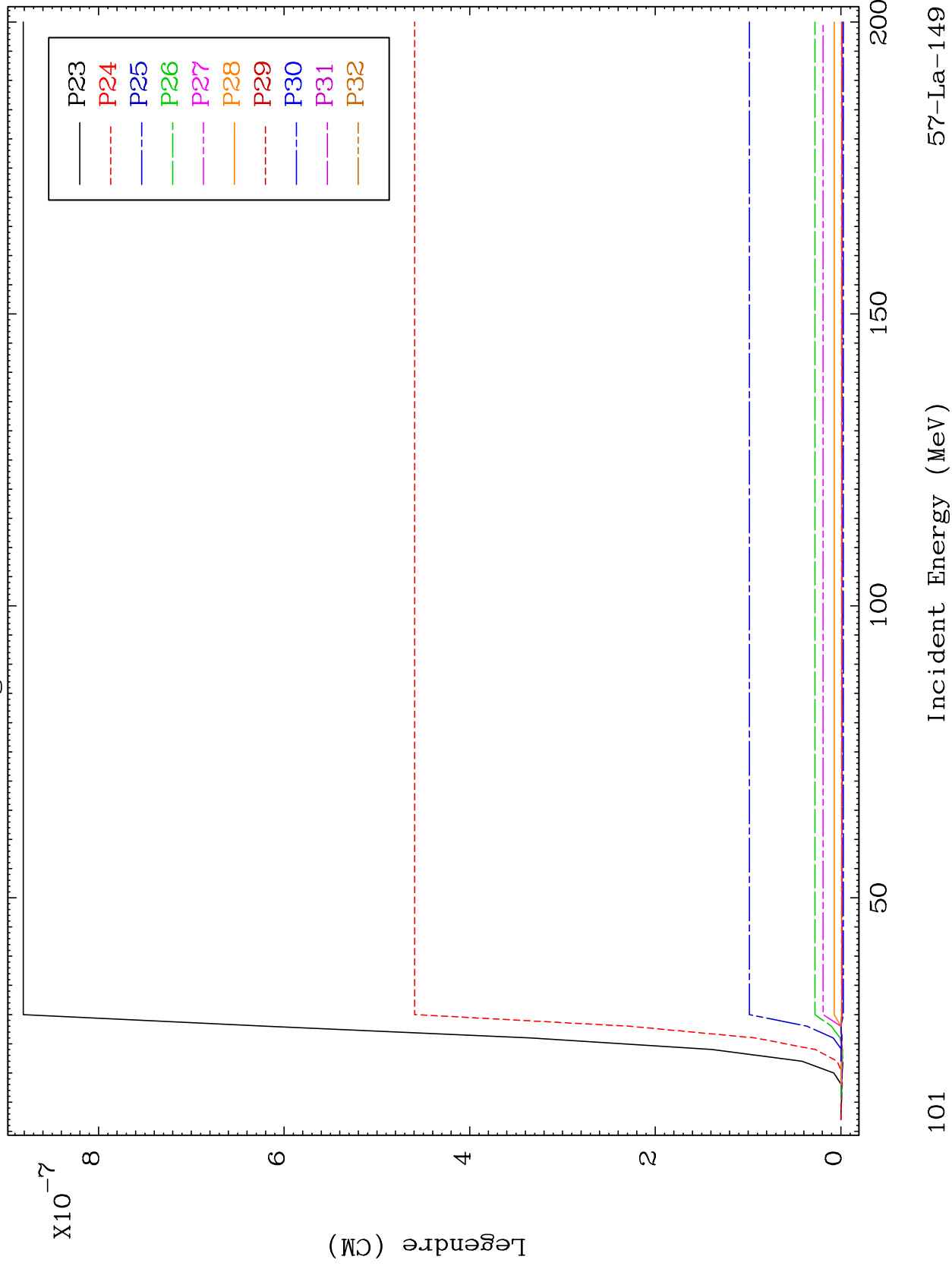
Incident Energy (MeV)

100

MAT 5758

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

57-La-149



101

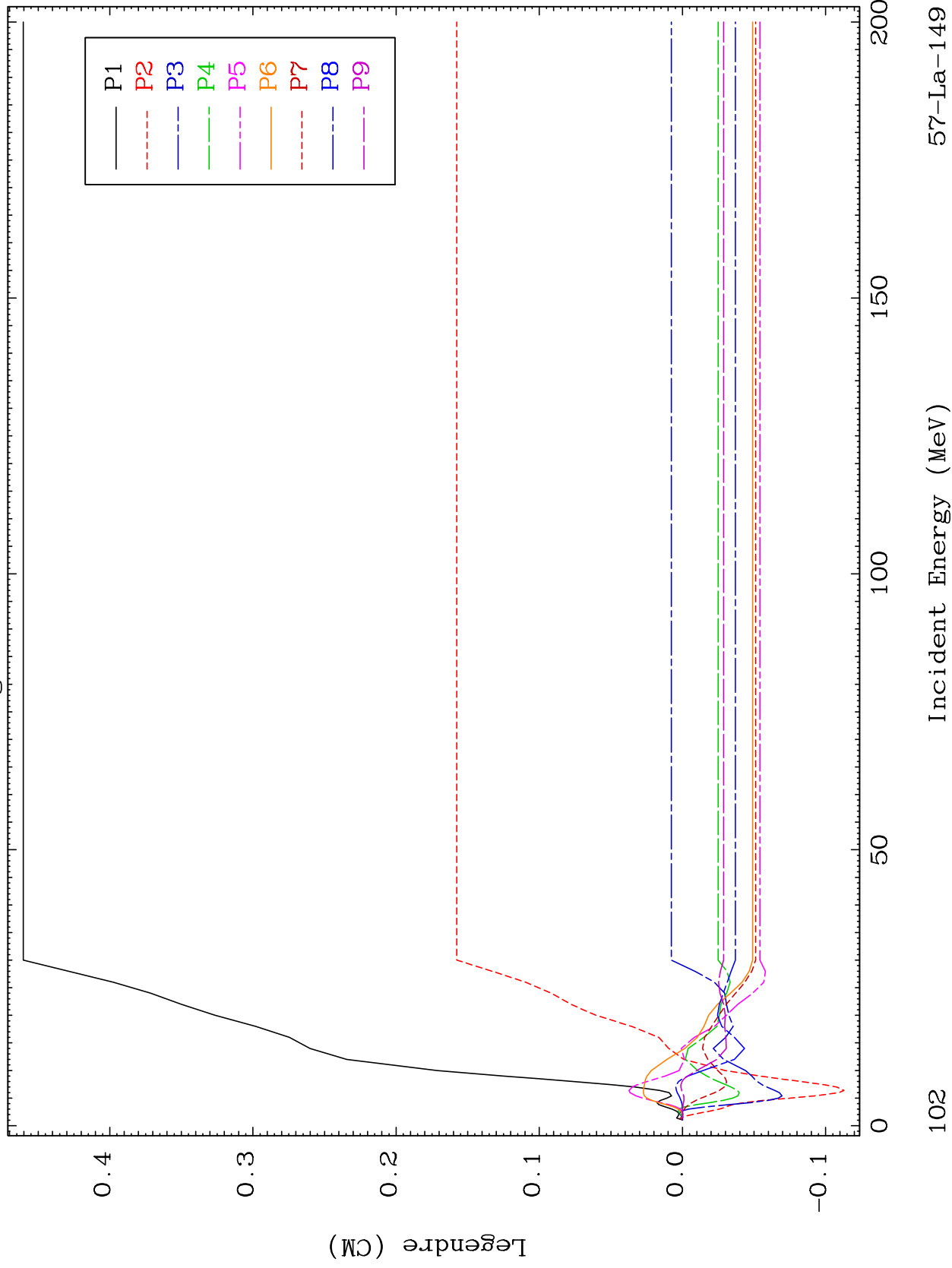
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



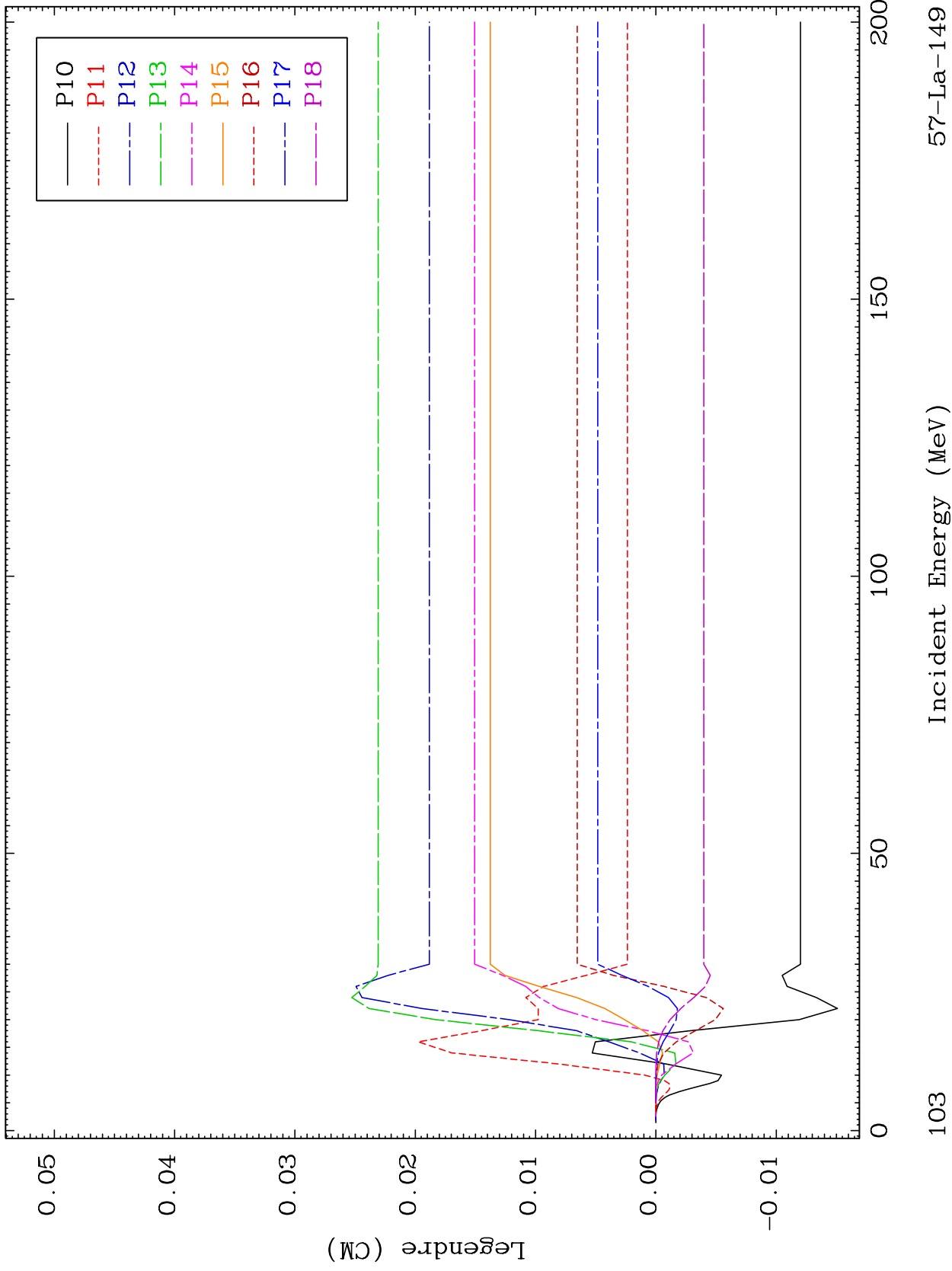
57-La-149

102

MAT 5758

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

57-La-149



103

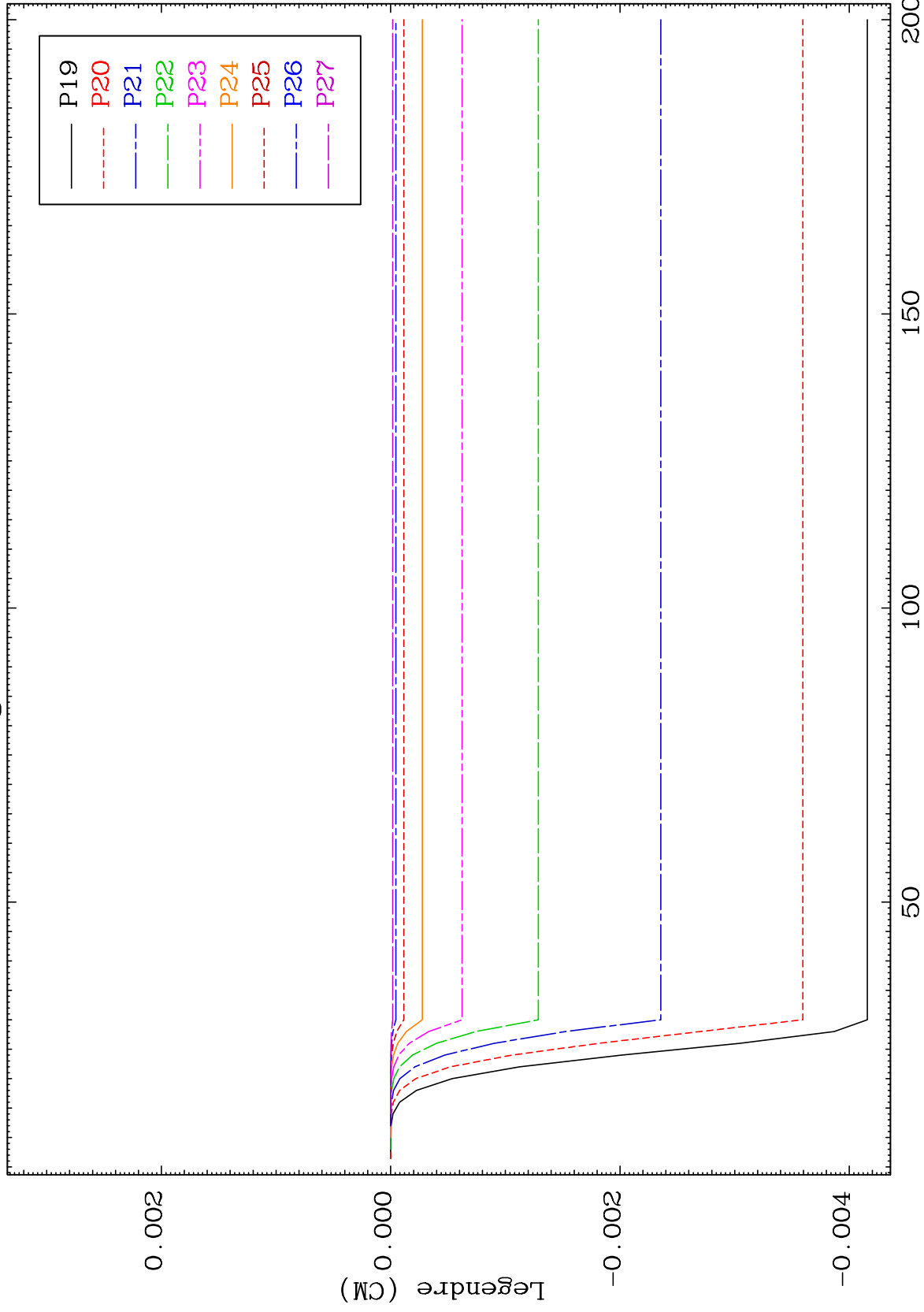
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



104

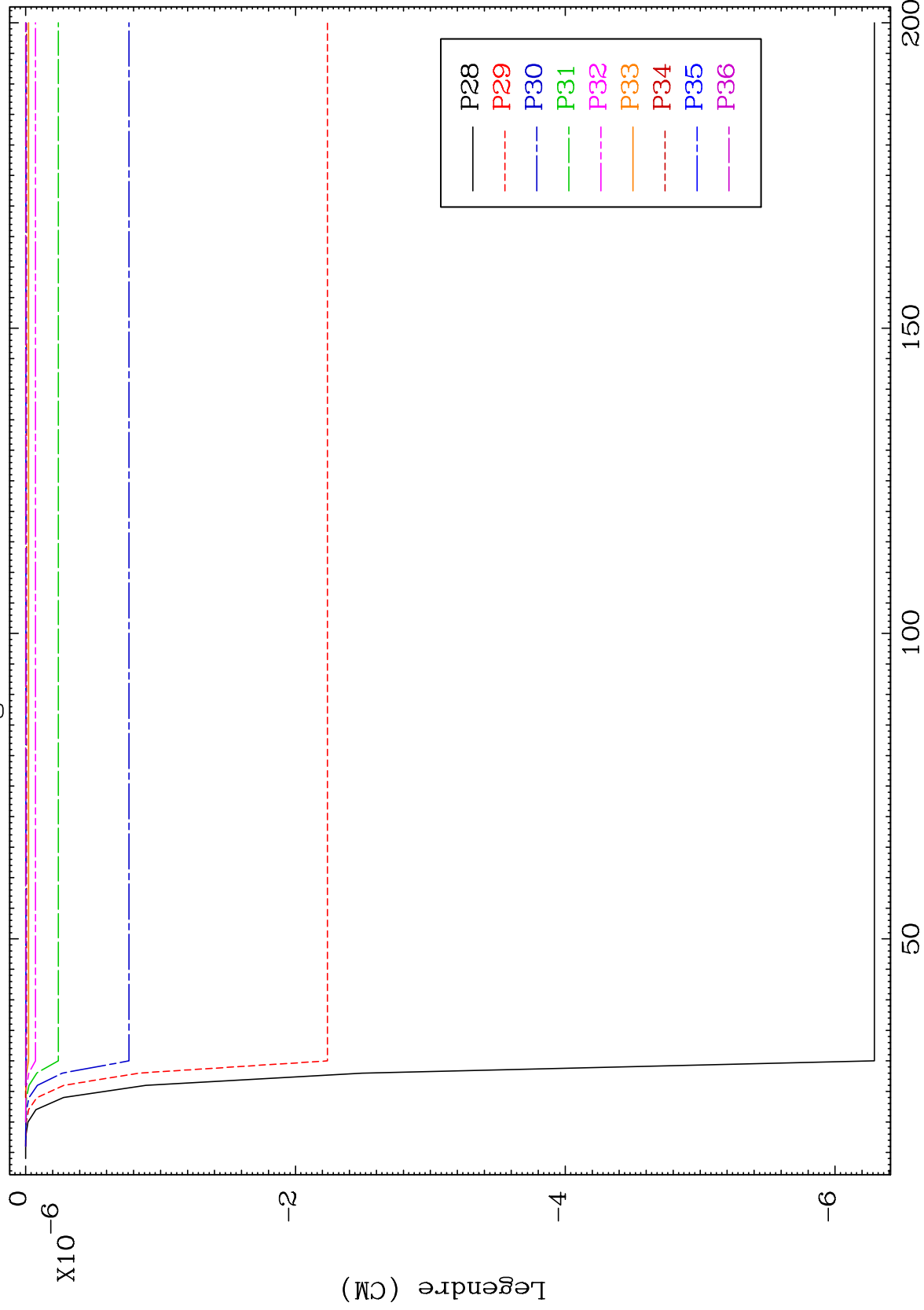
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



105

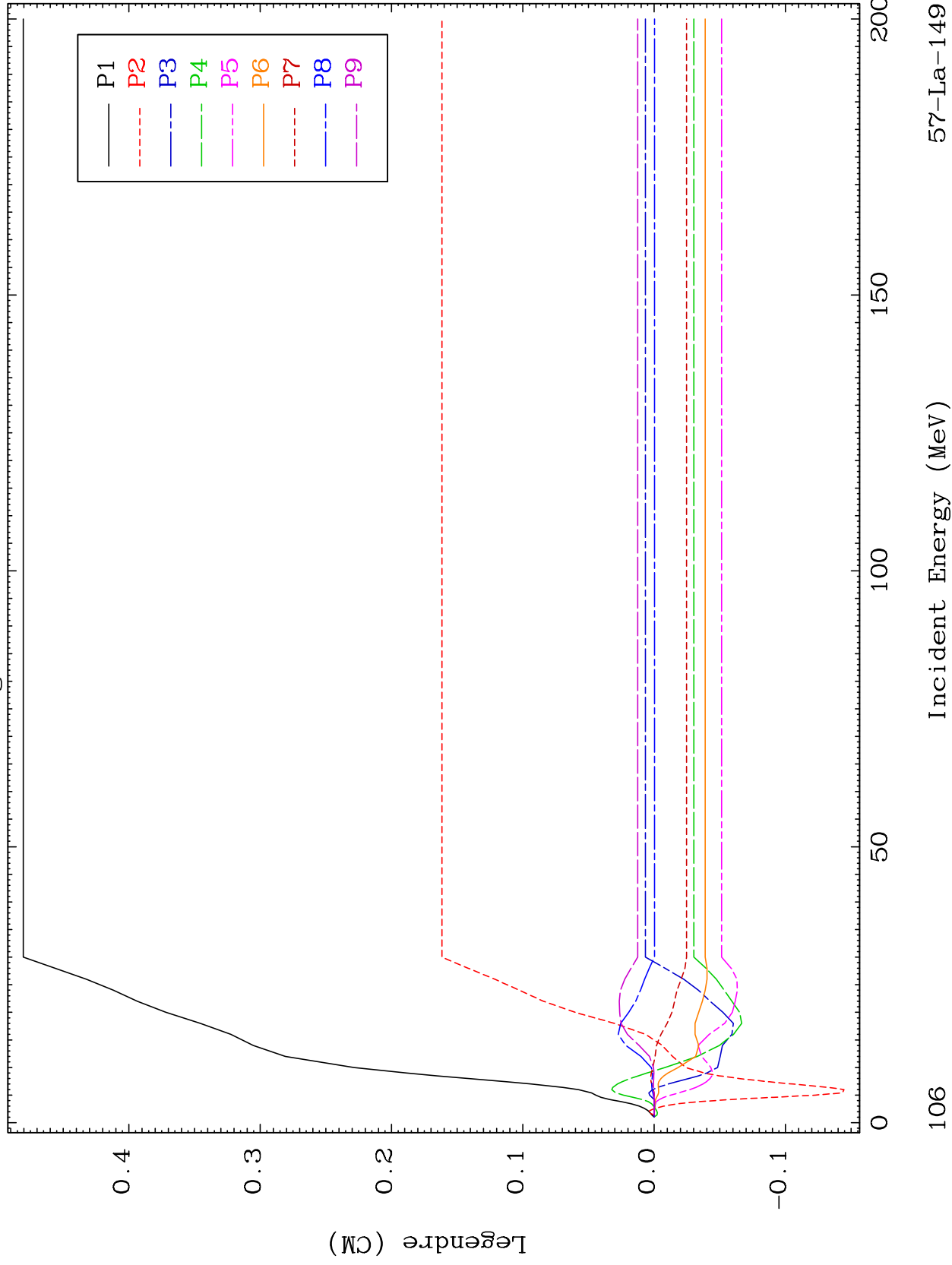
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

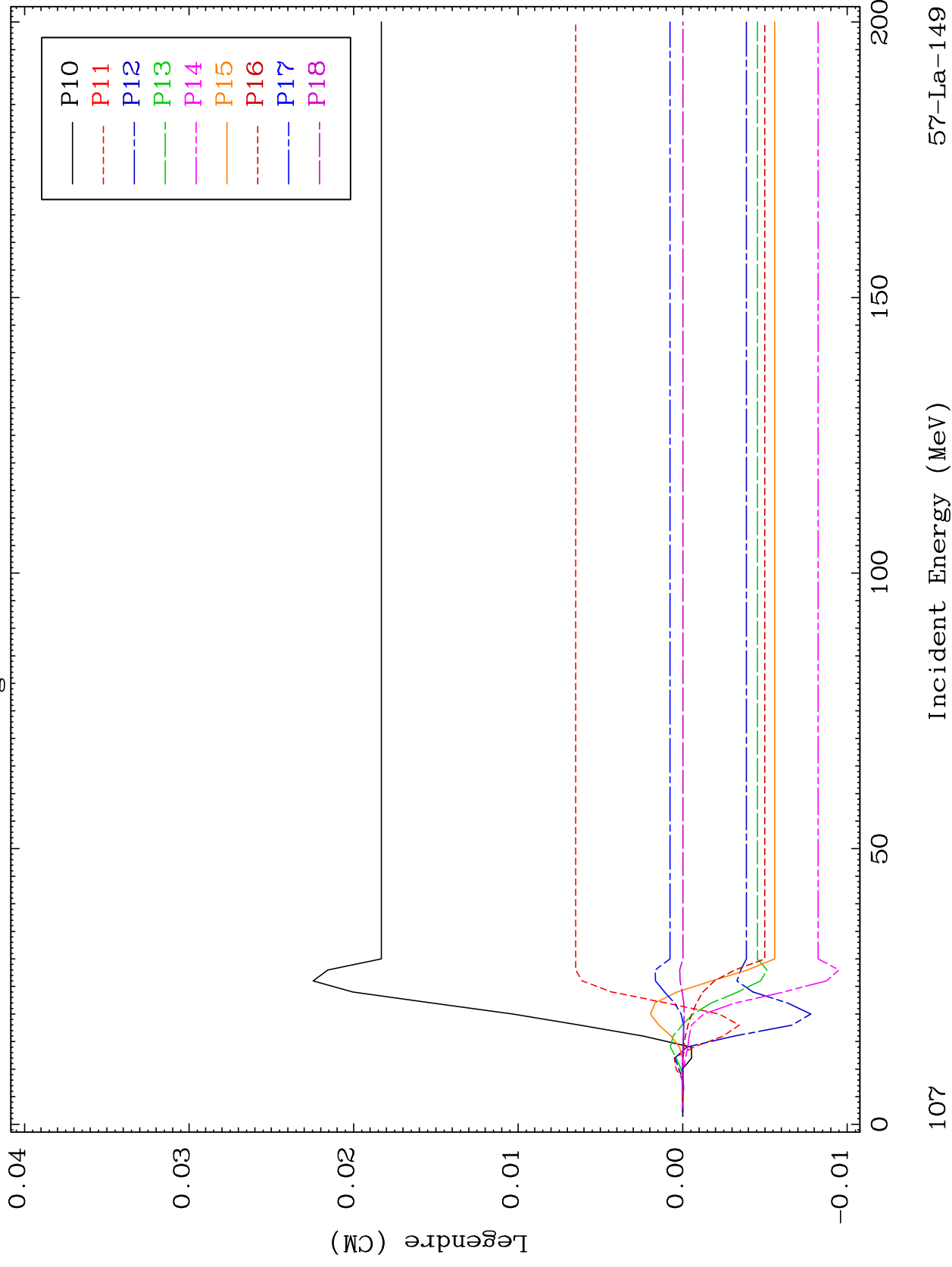
Incident Energy (MeV)

106

MAT 5758

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

57-La-149



107

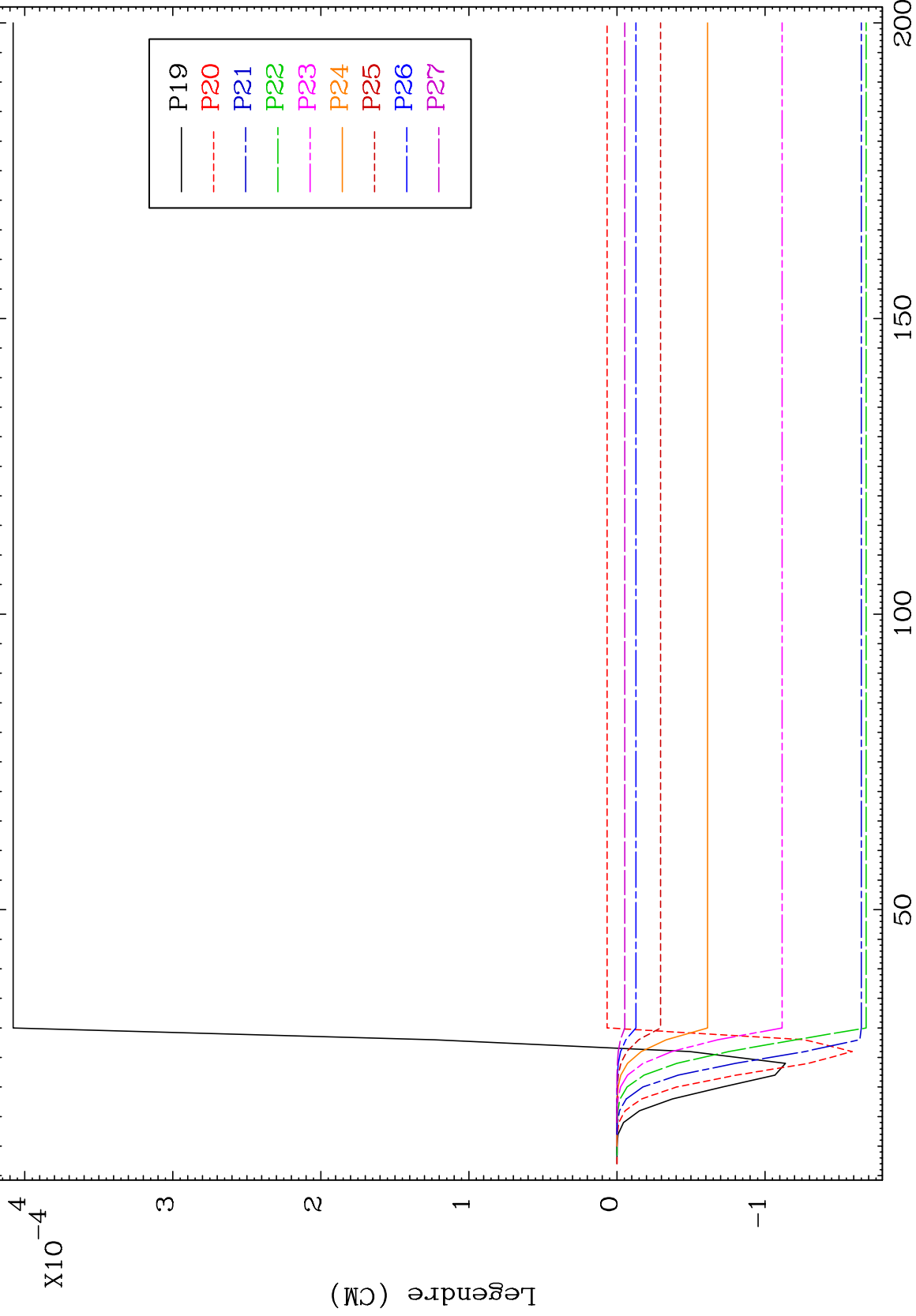
Incident Energy (MeV)

57-La-149

MAT 5758

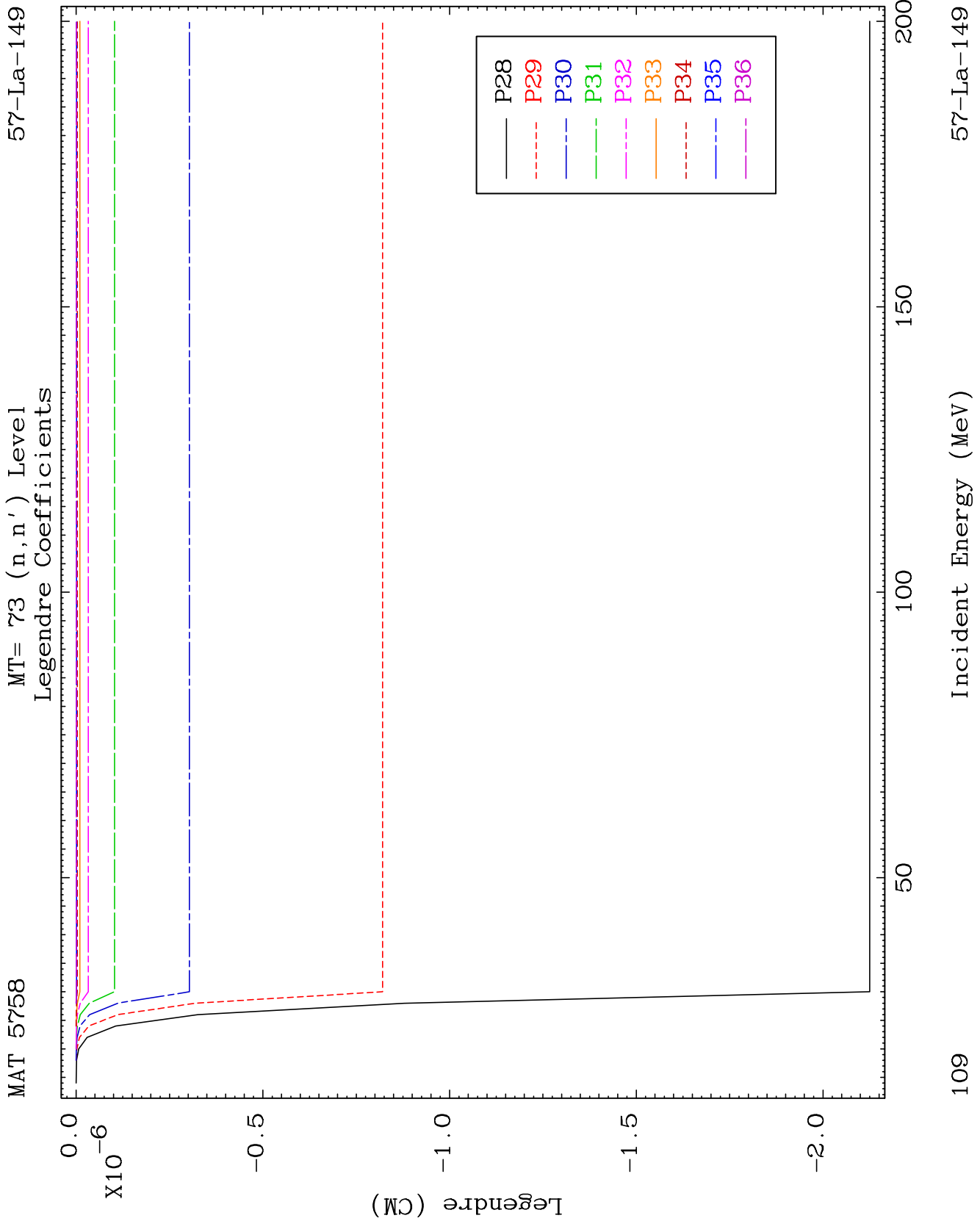
MT= 73 (n,n') Level
Legendre Coefficients

57-La-149



108

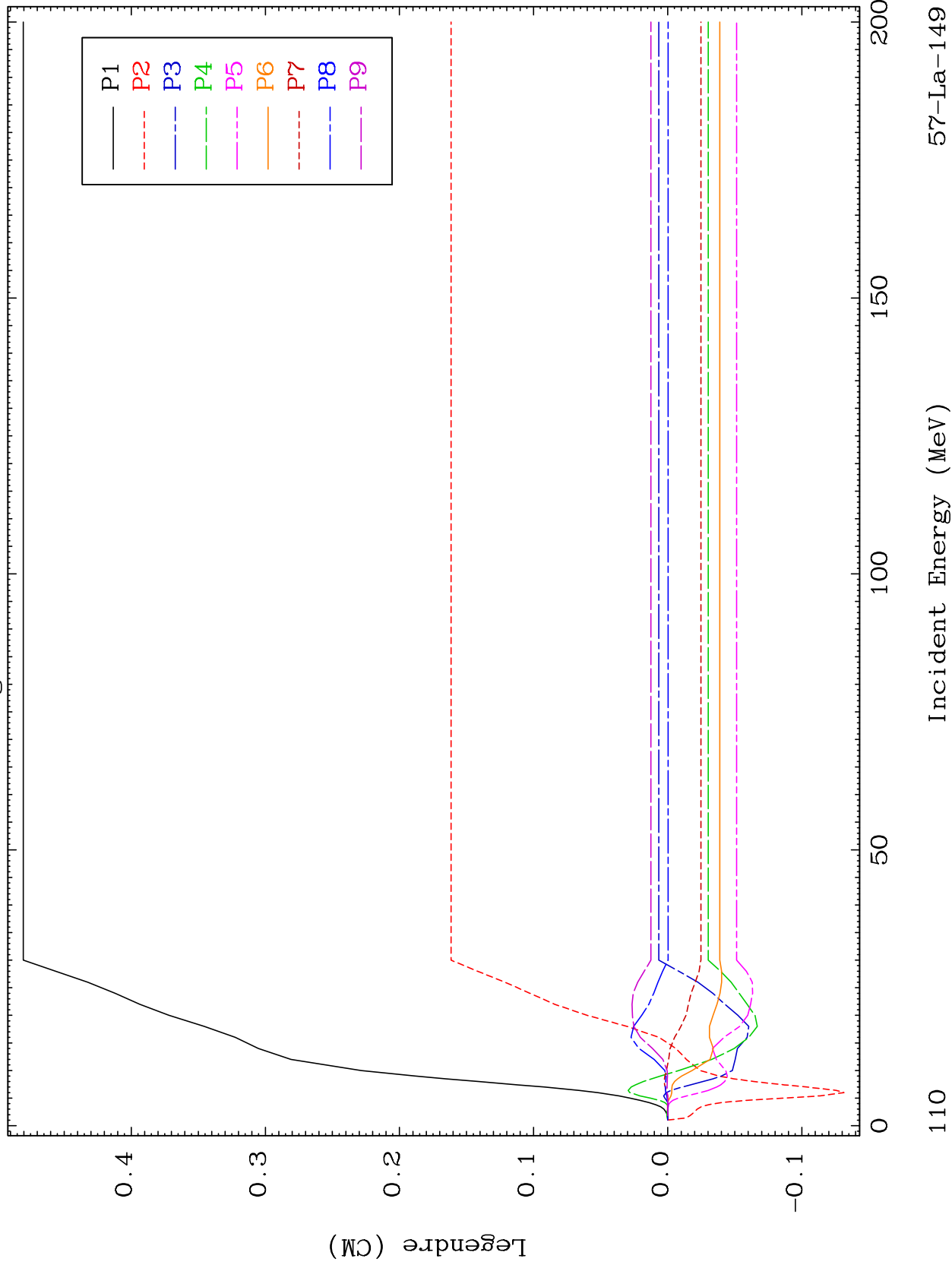
57-La-149



MAT 5758

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

57-La-149



57-La-149

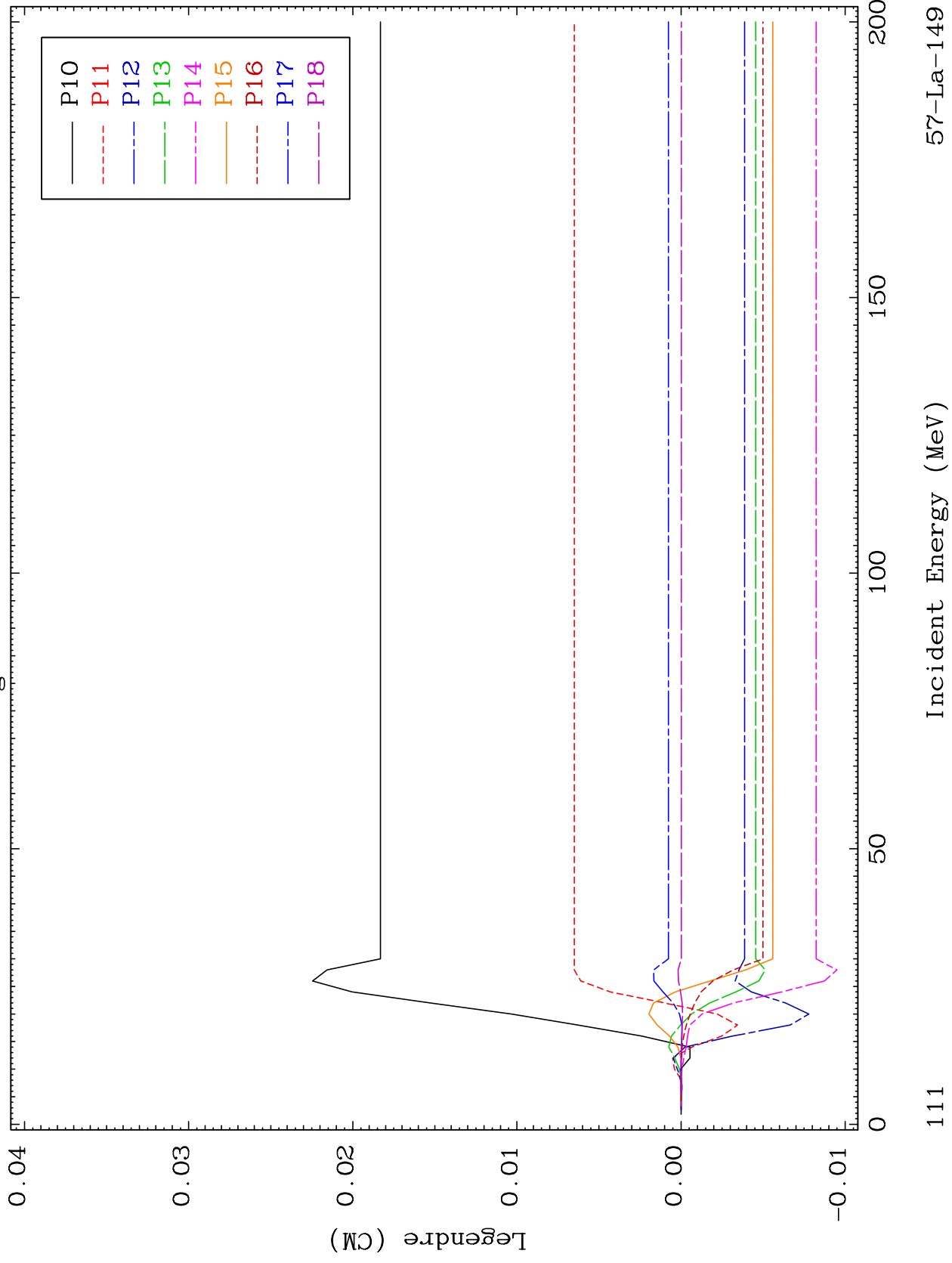
Incident Energy (MeV)

110

MAT 5758

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

57-La-149



111

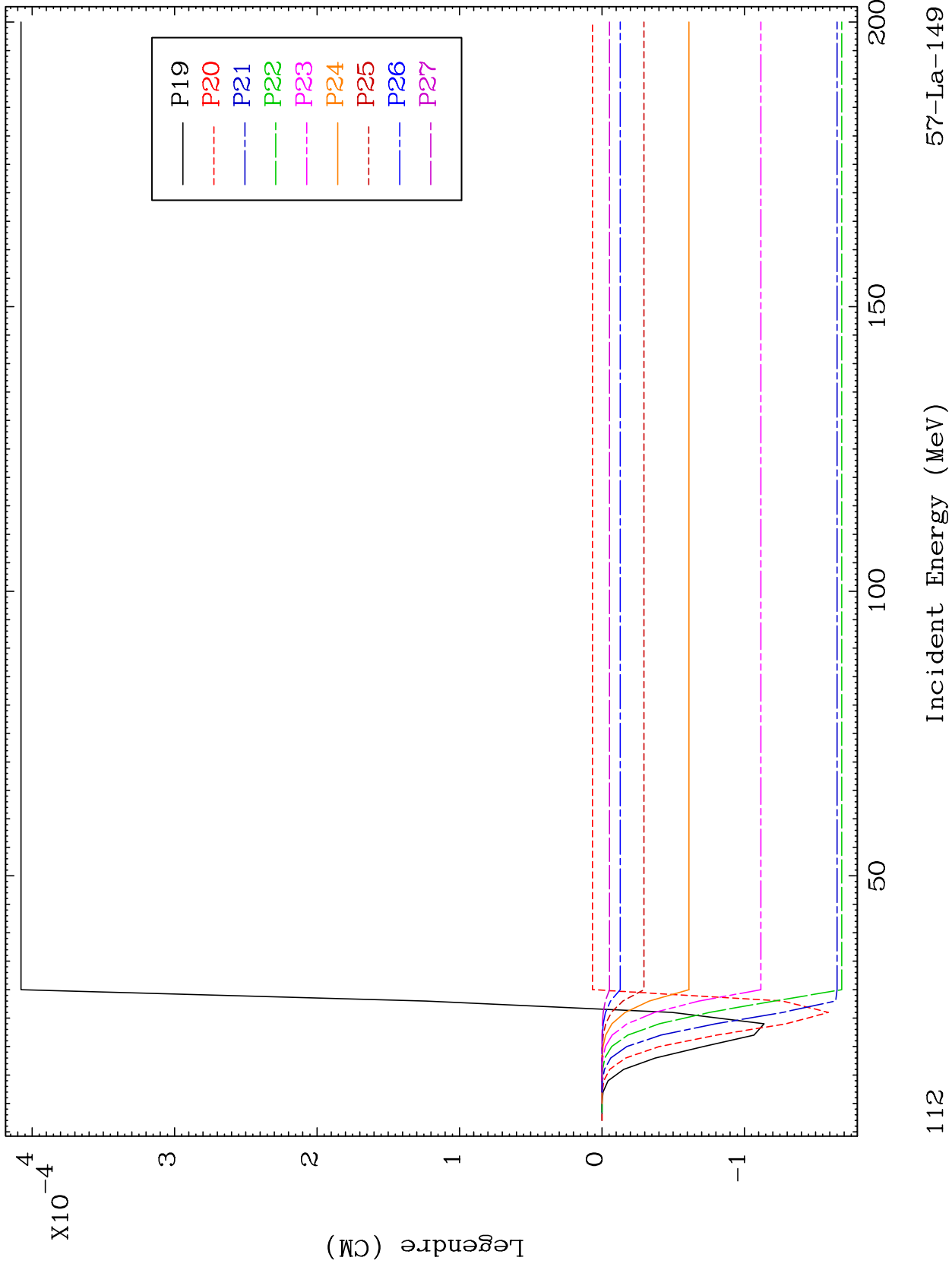
Incident Energy (MeV)

57-La-149

MAT 5758

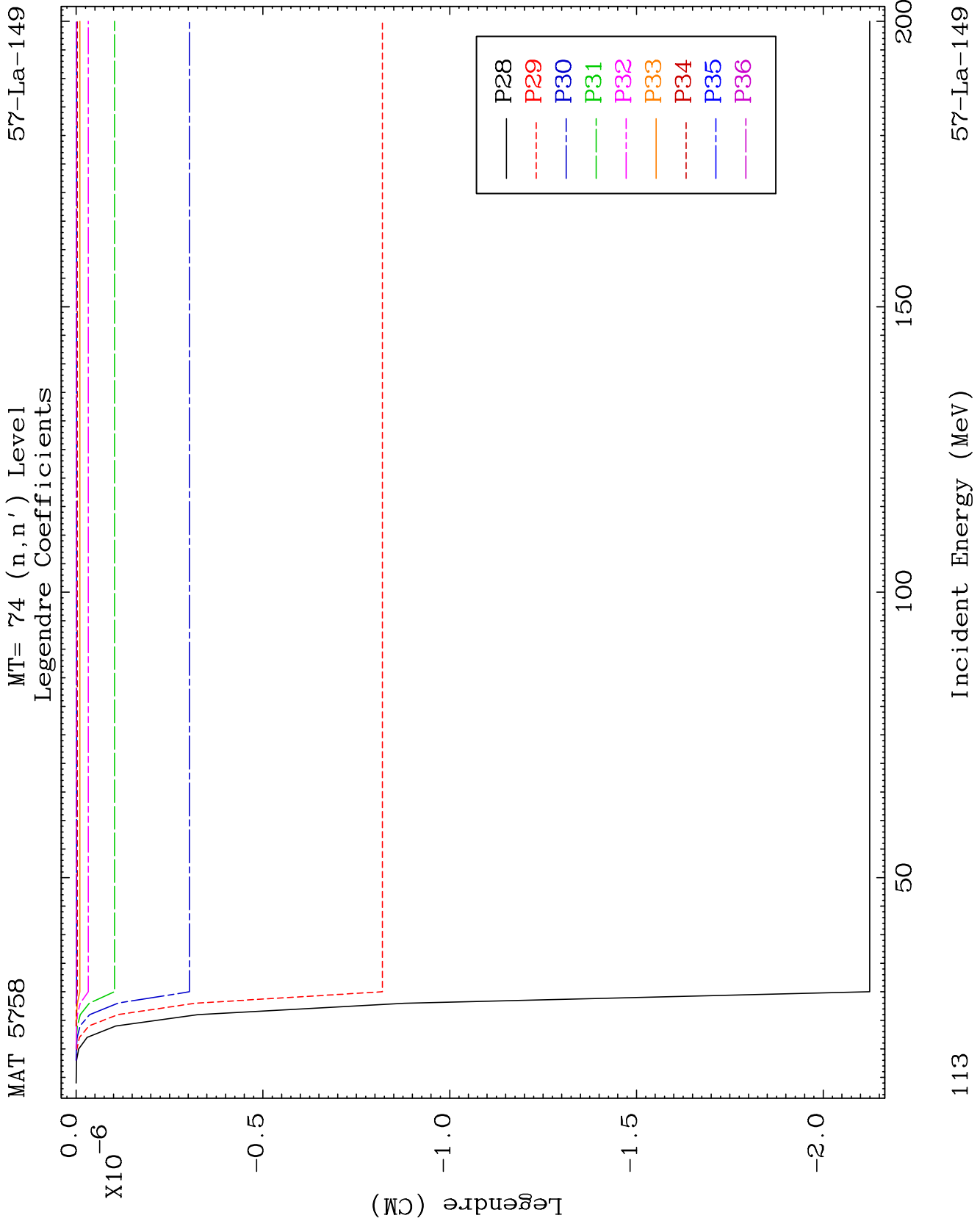
MT= 74 (n,n') Level
Legendre Coefficients

57-La-149



112

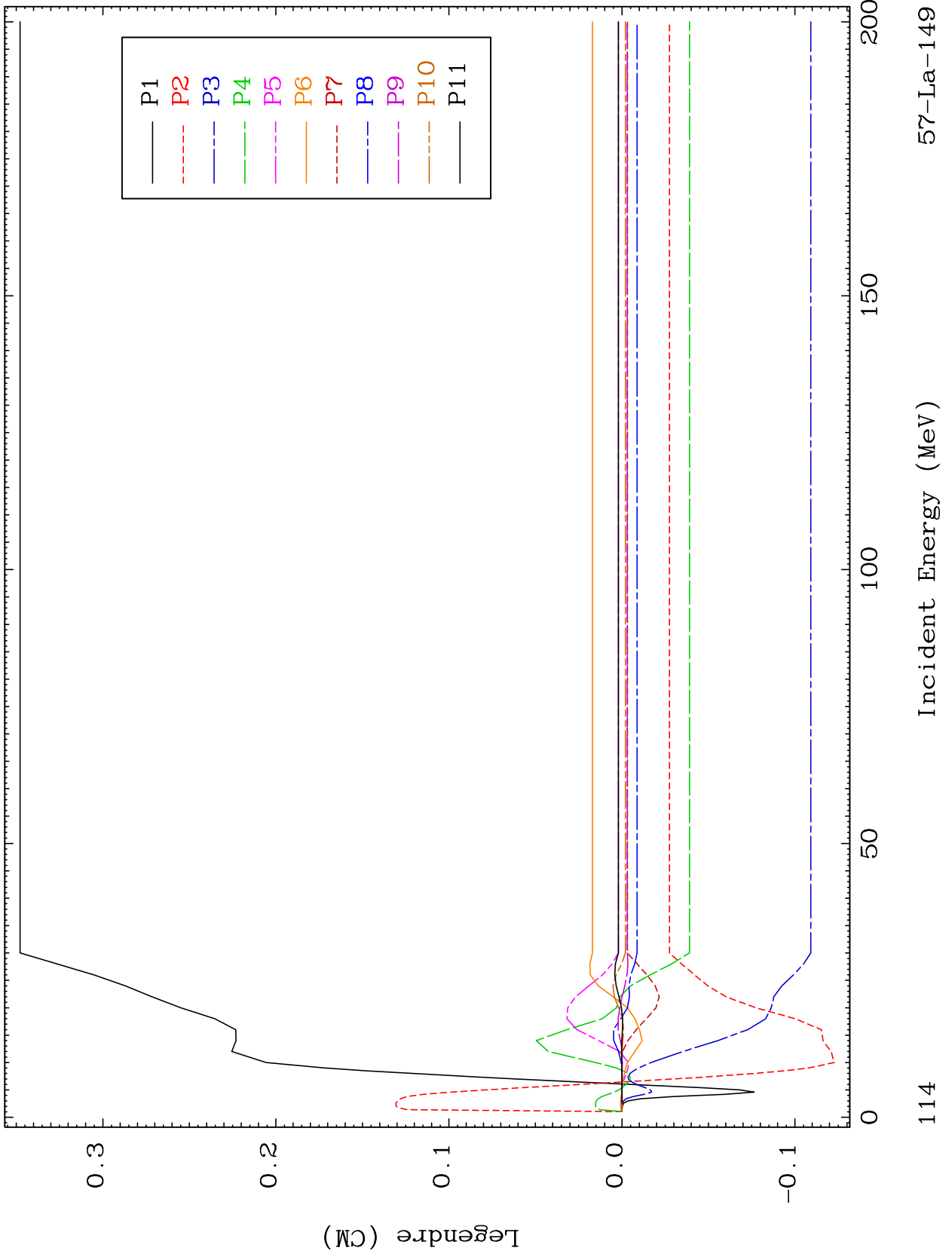
57-La-149



MAT 5758

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

57-La-149



57-La-149

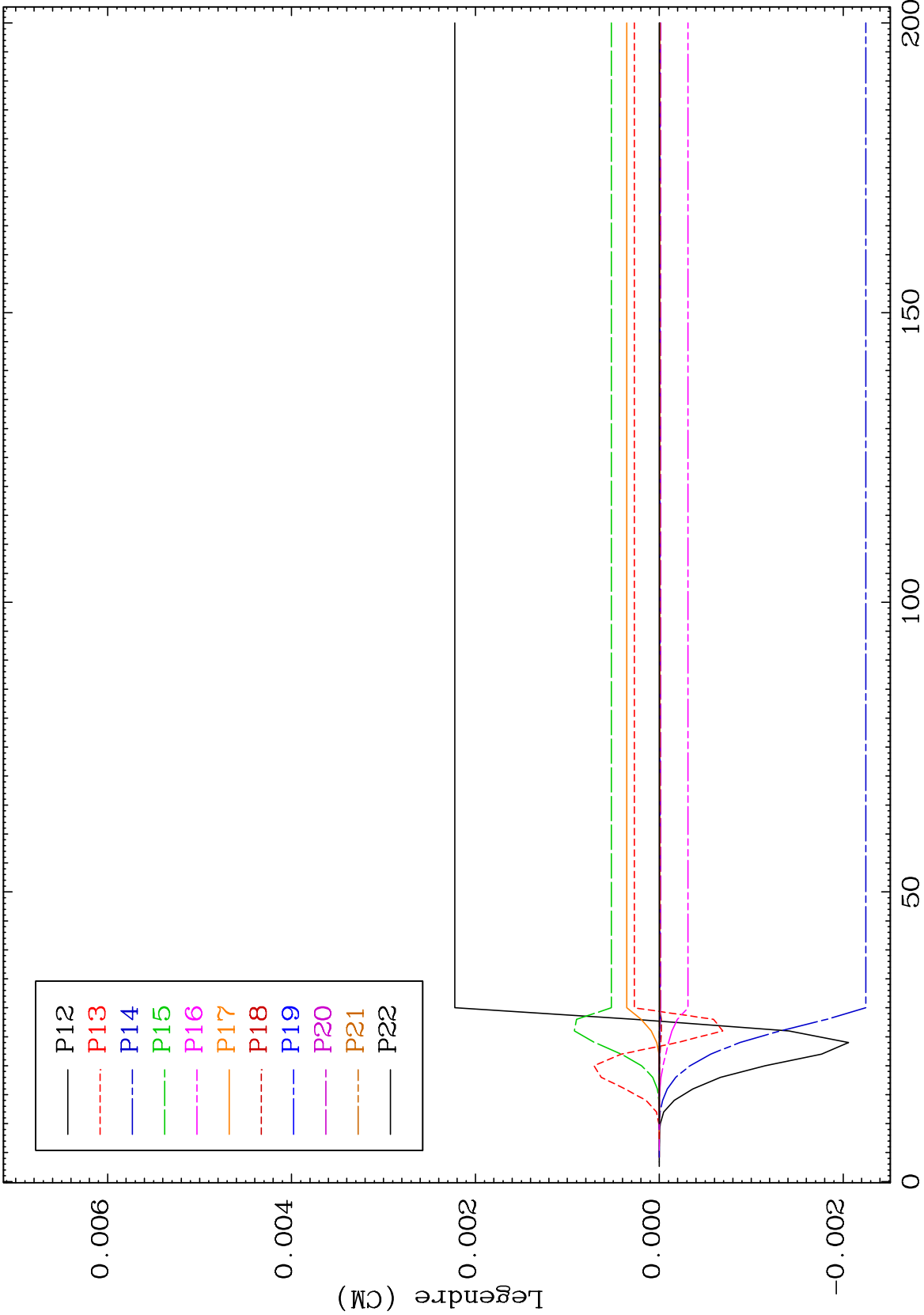
Incident Energy (MeV)

114

MAT 5758

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

57-La-149



115

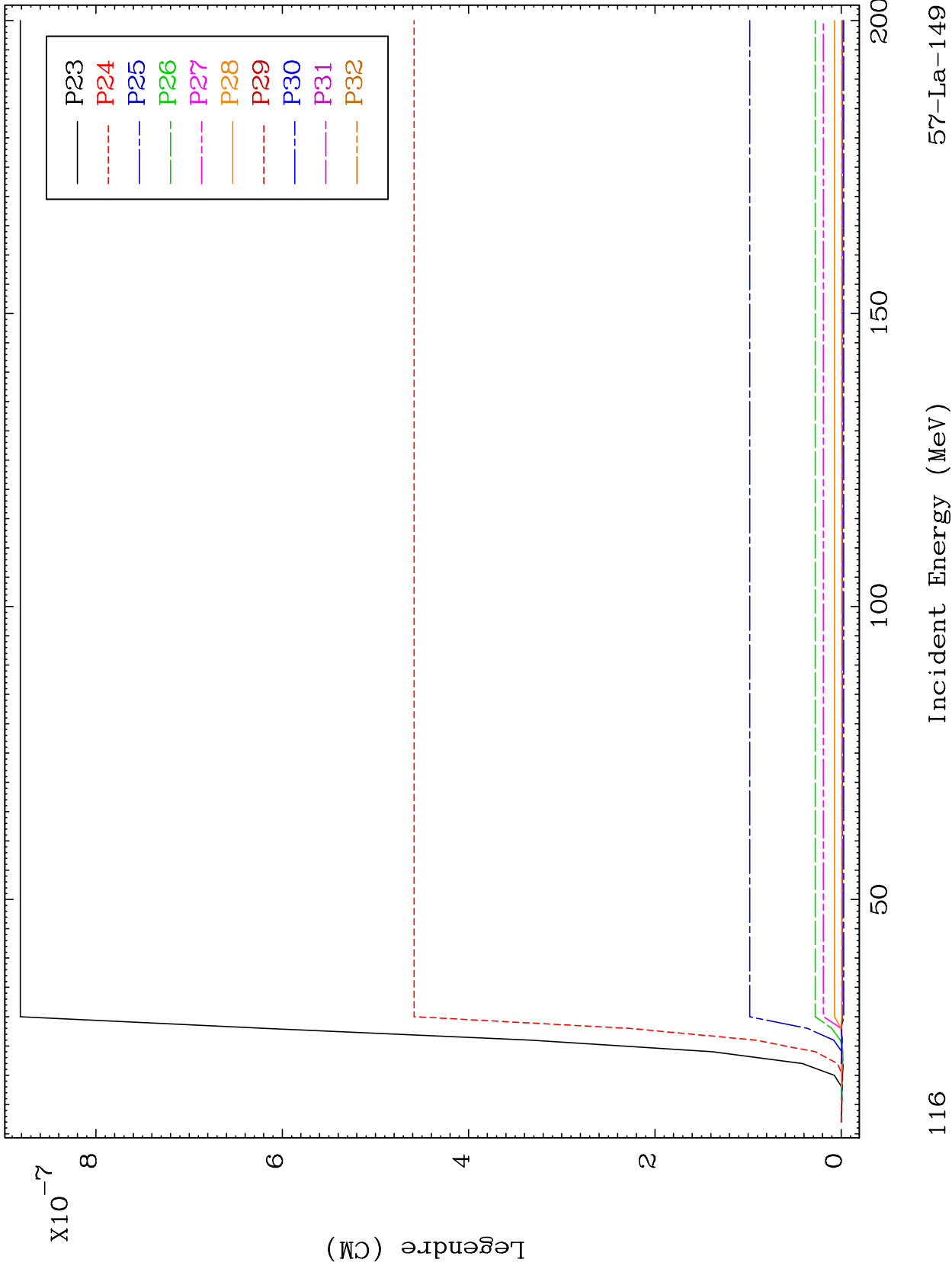
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



116

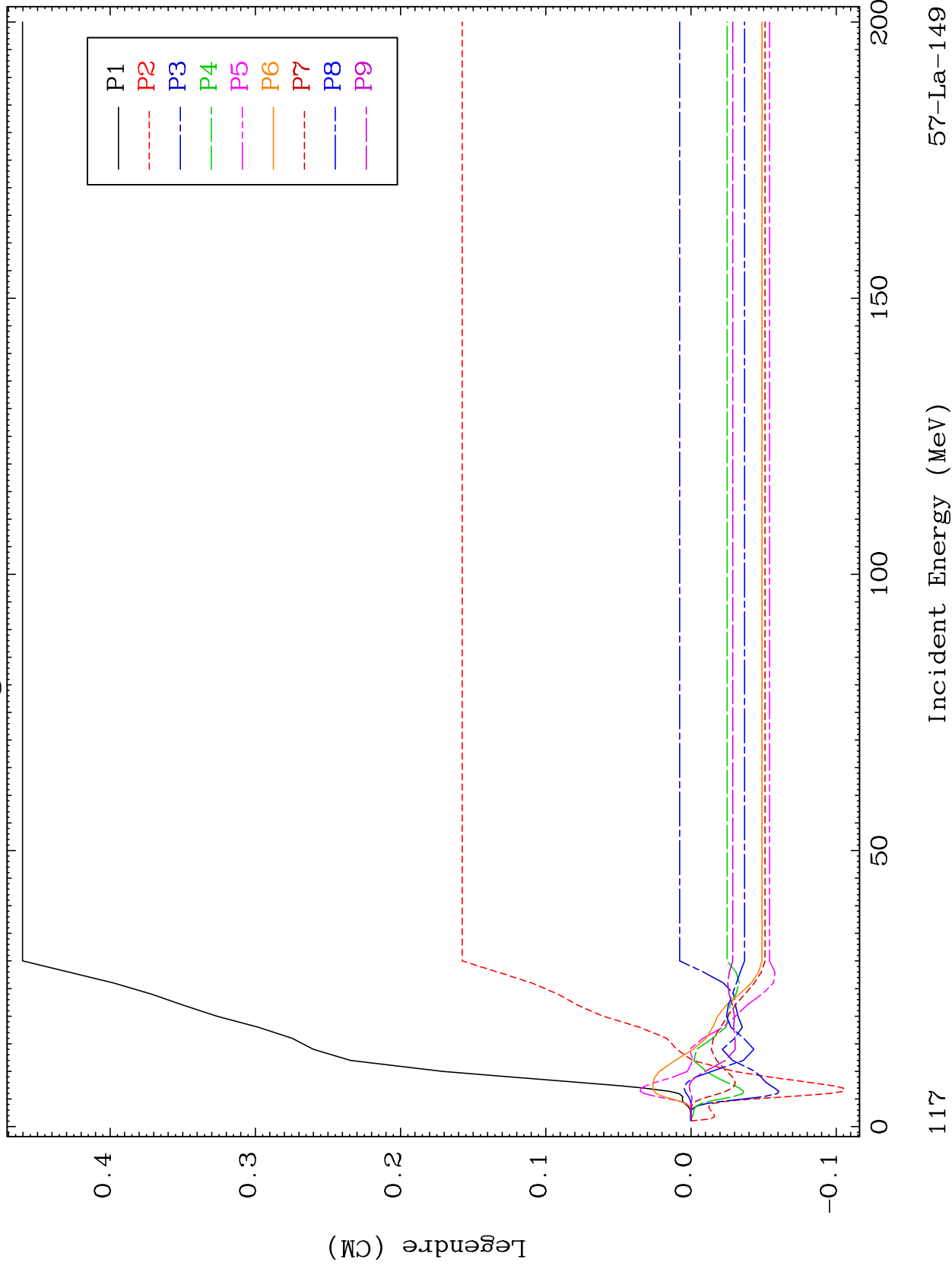
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

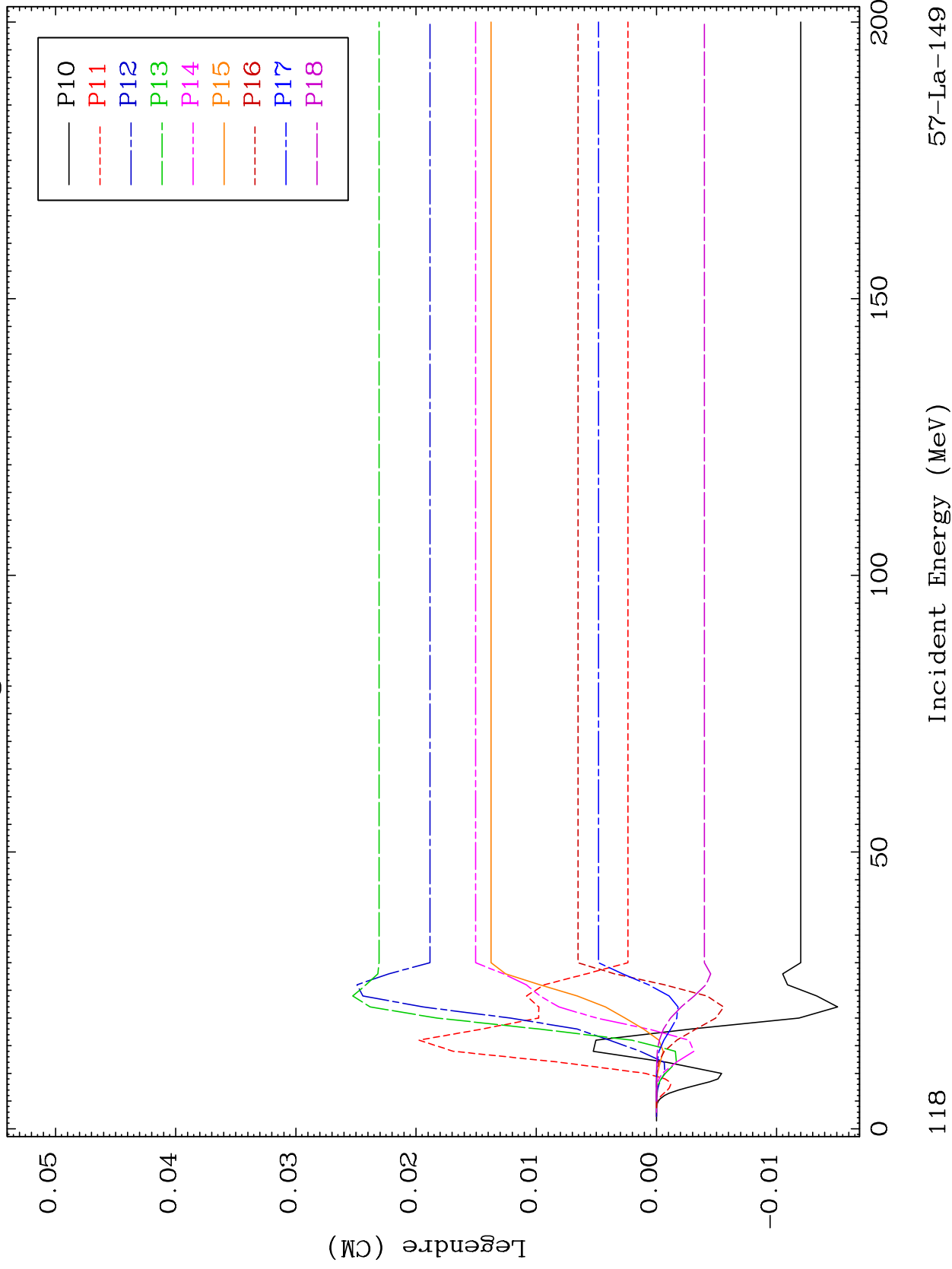
Incident Energy (MeV)

117

MAT 5758

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

57-La-149



57-La-149

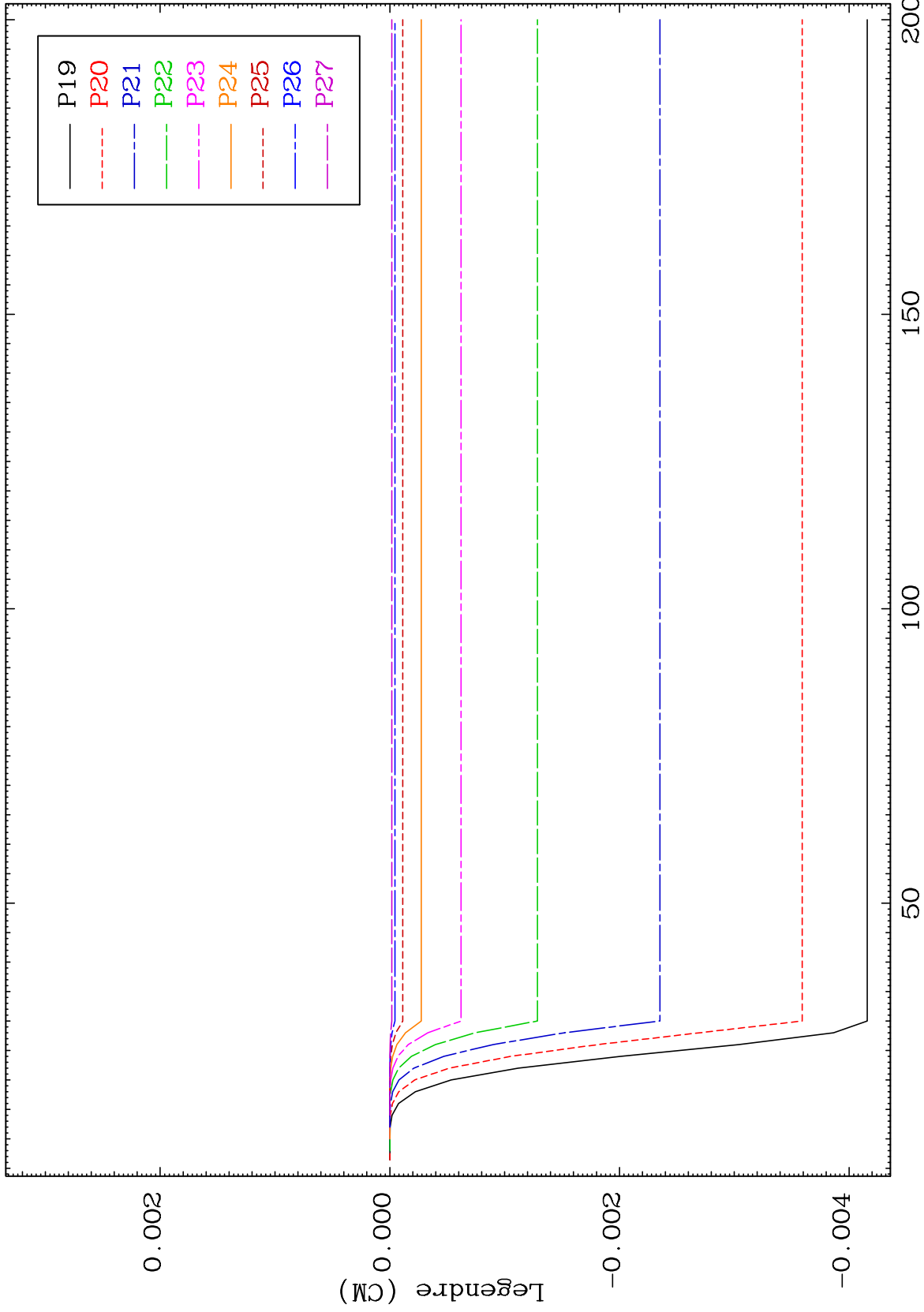
Incident Energy (MeV)

118

MAT 5758

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

57-La-149



119

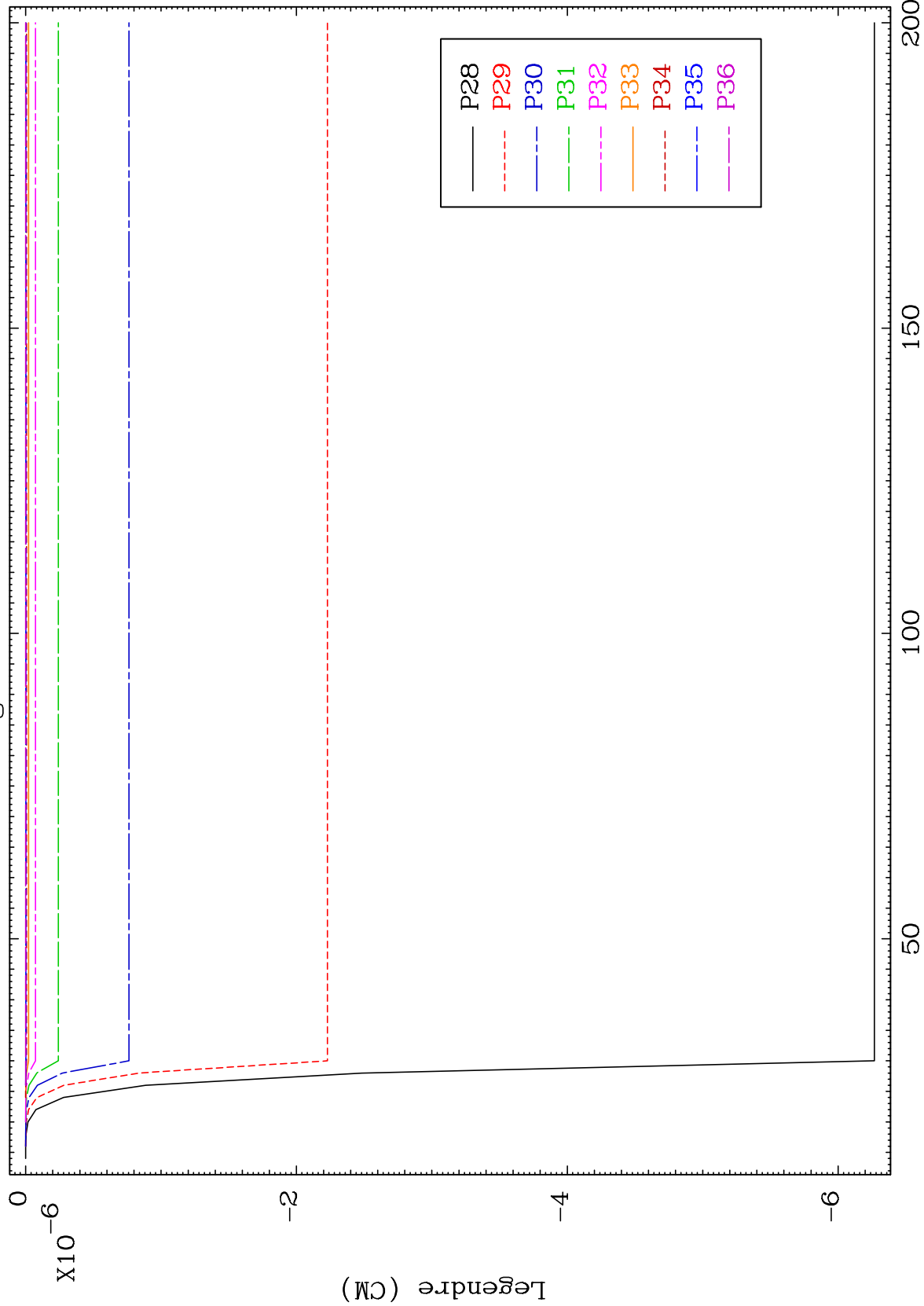
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



120

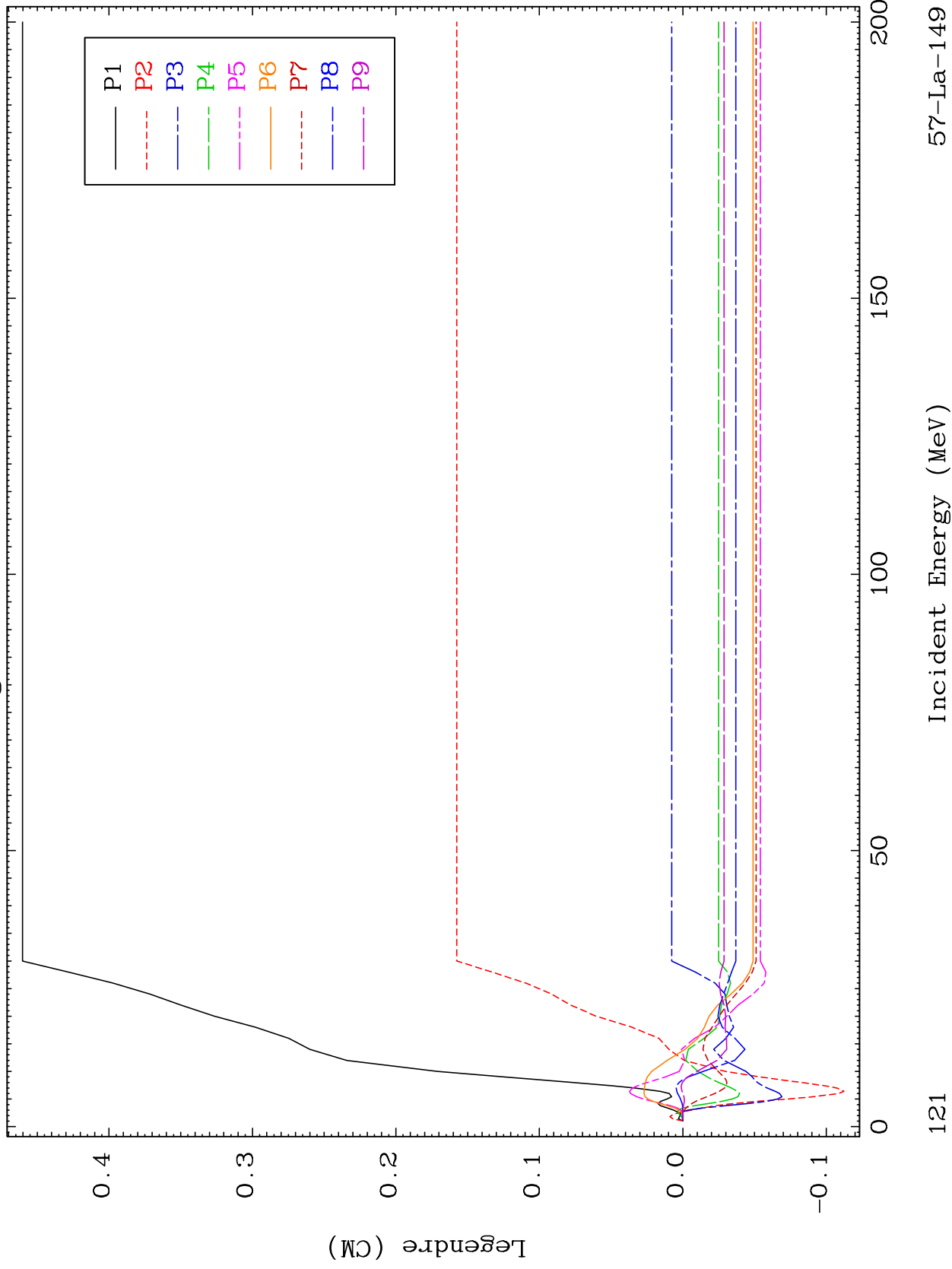
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



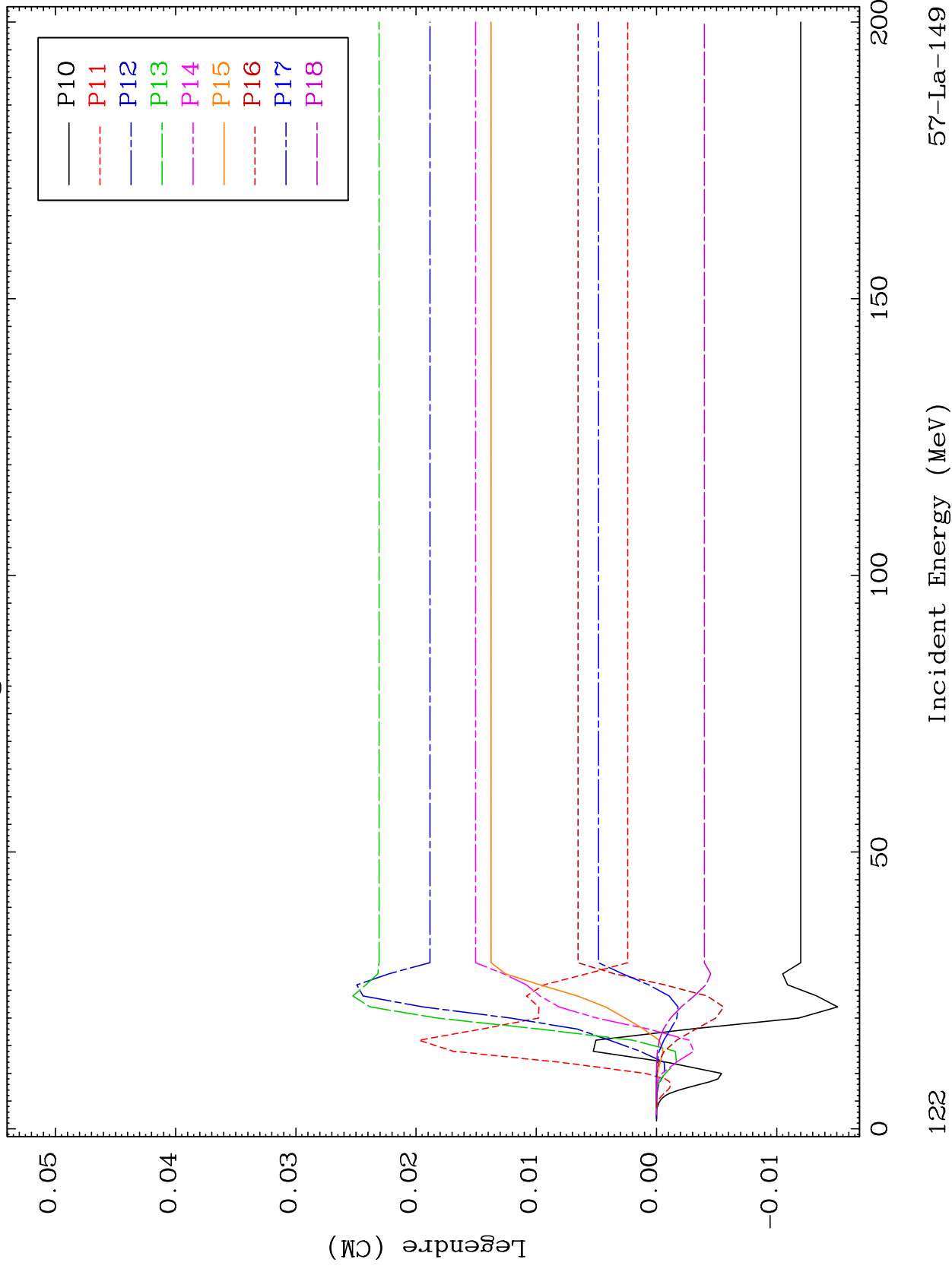
121

57-La-149

MAT 5758

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

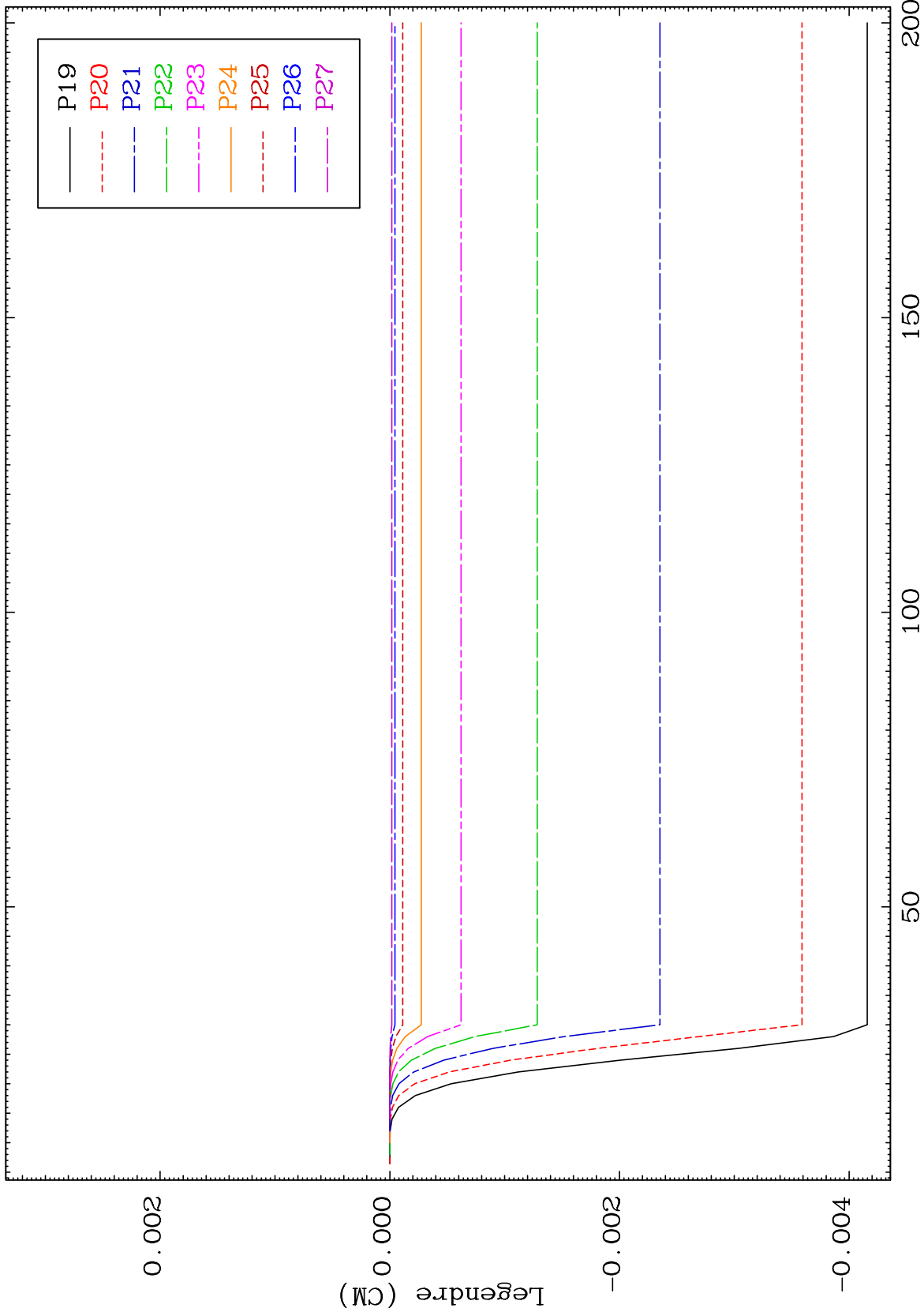
57-La-149



MAT 5758

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

57-La-149



123

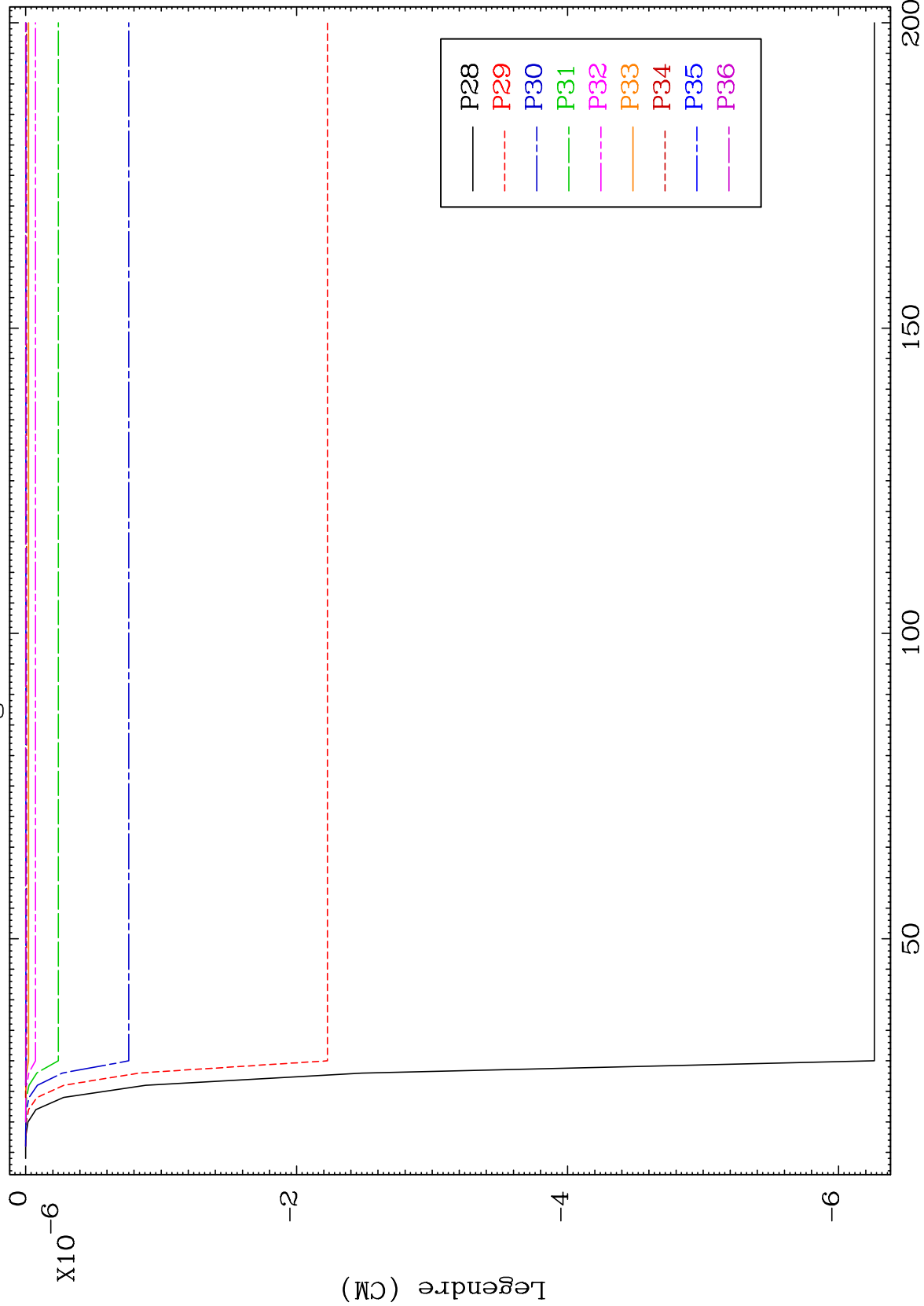
Incident Energy (MeV)

57-La-149

MAT 5758

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

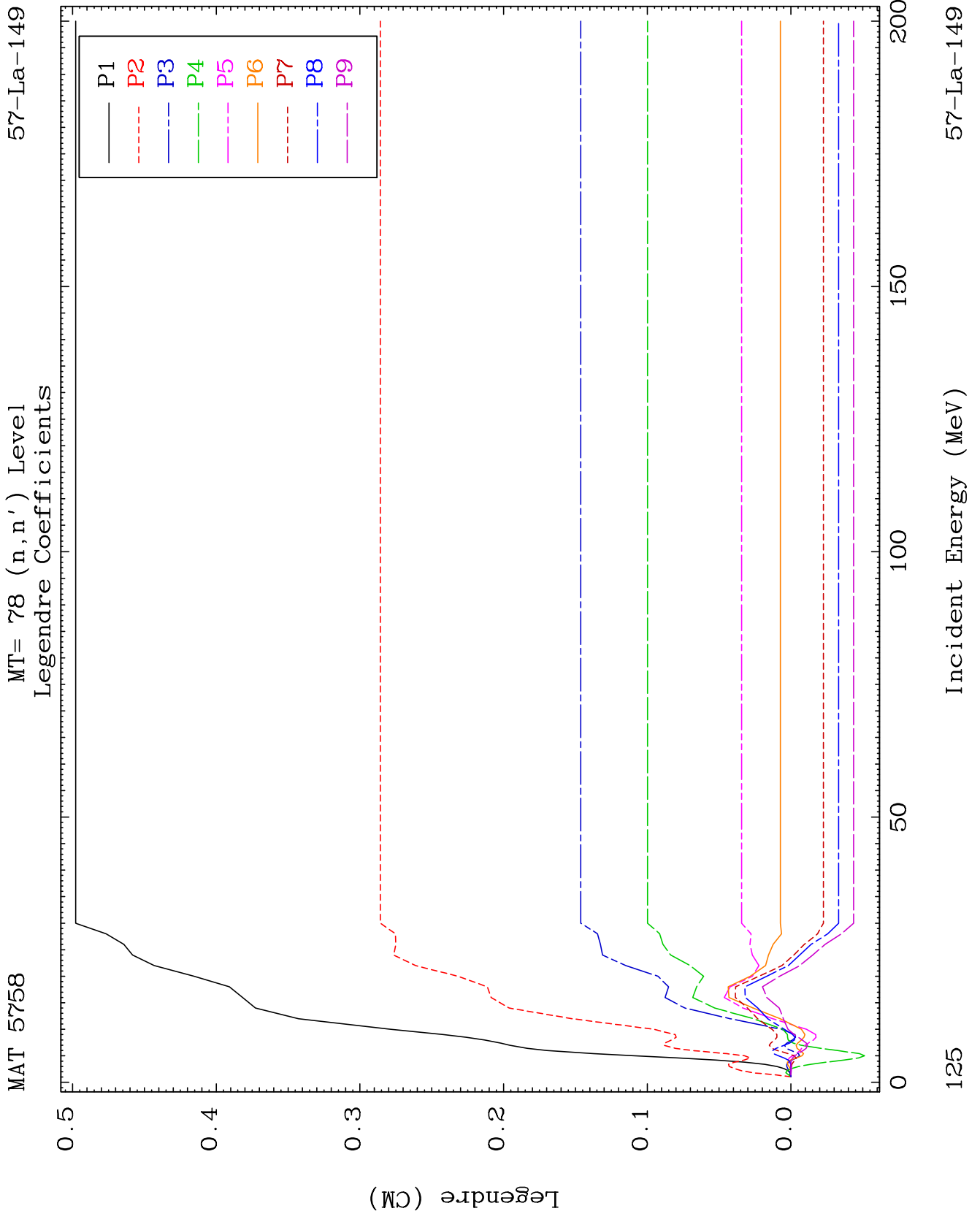
57-La-149



124

Incident Energy (MeV)

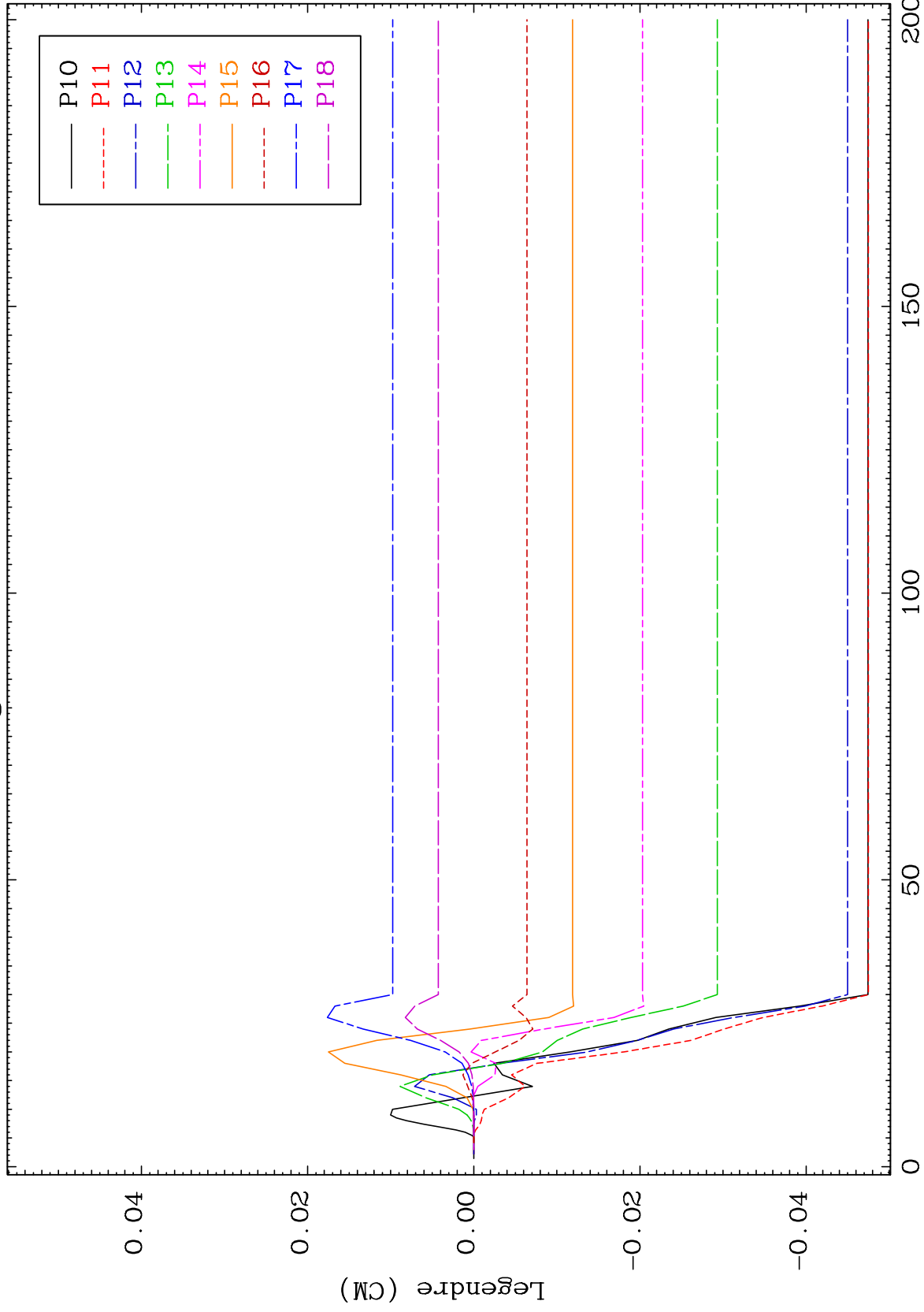
57-La-149



MAT 5758

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

57-La-149



126

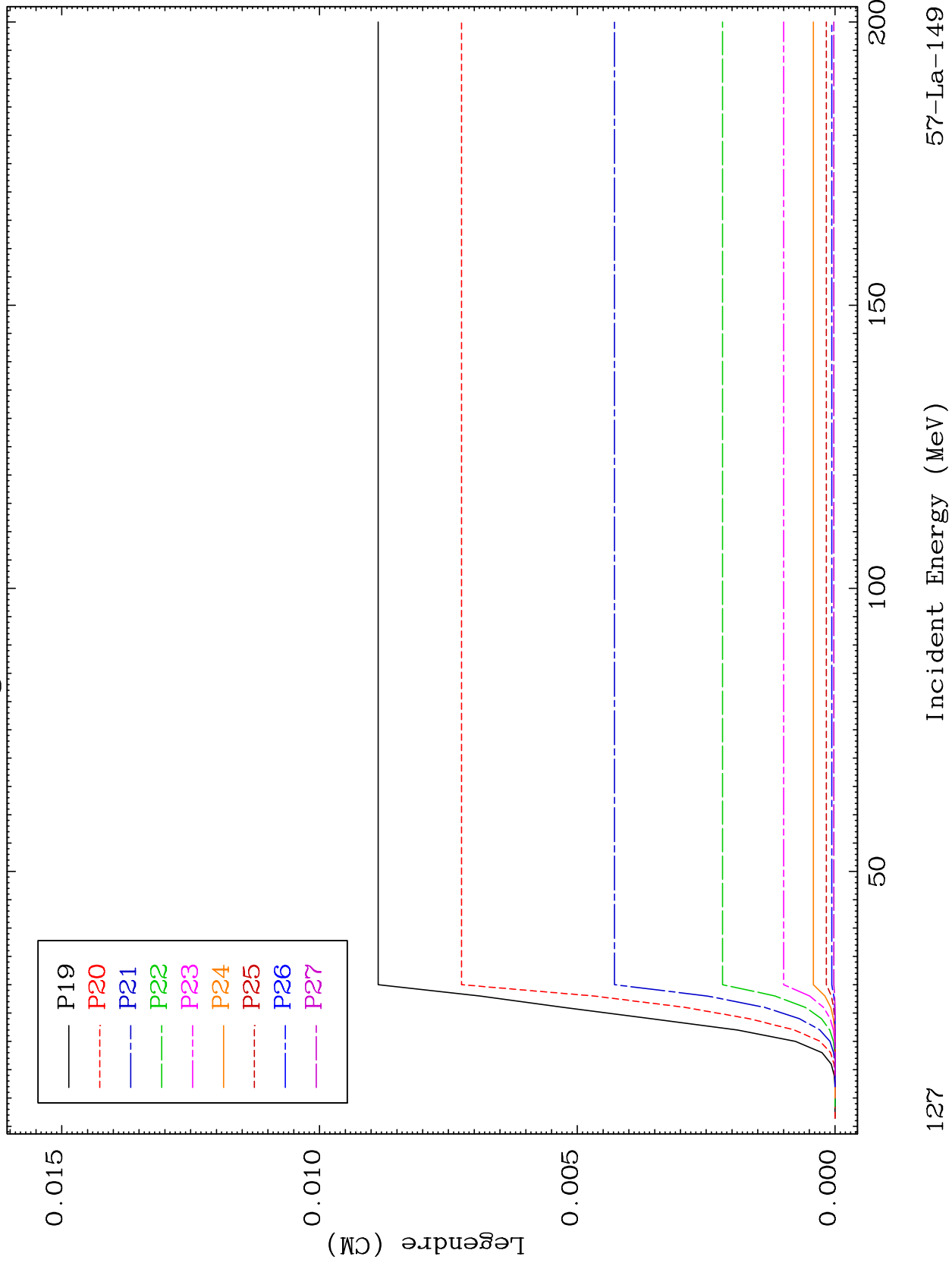
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



127

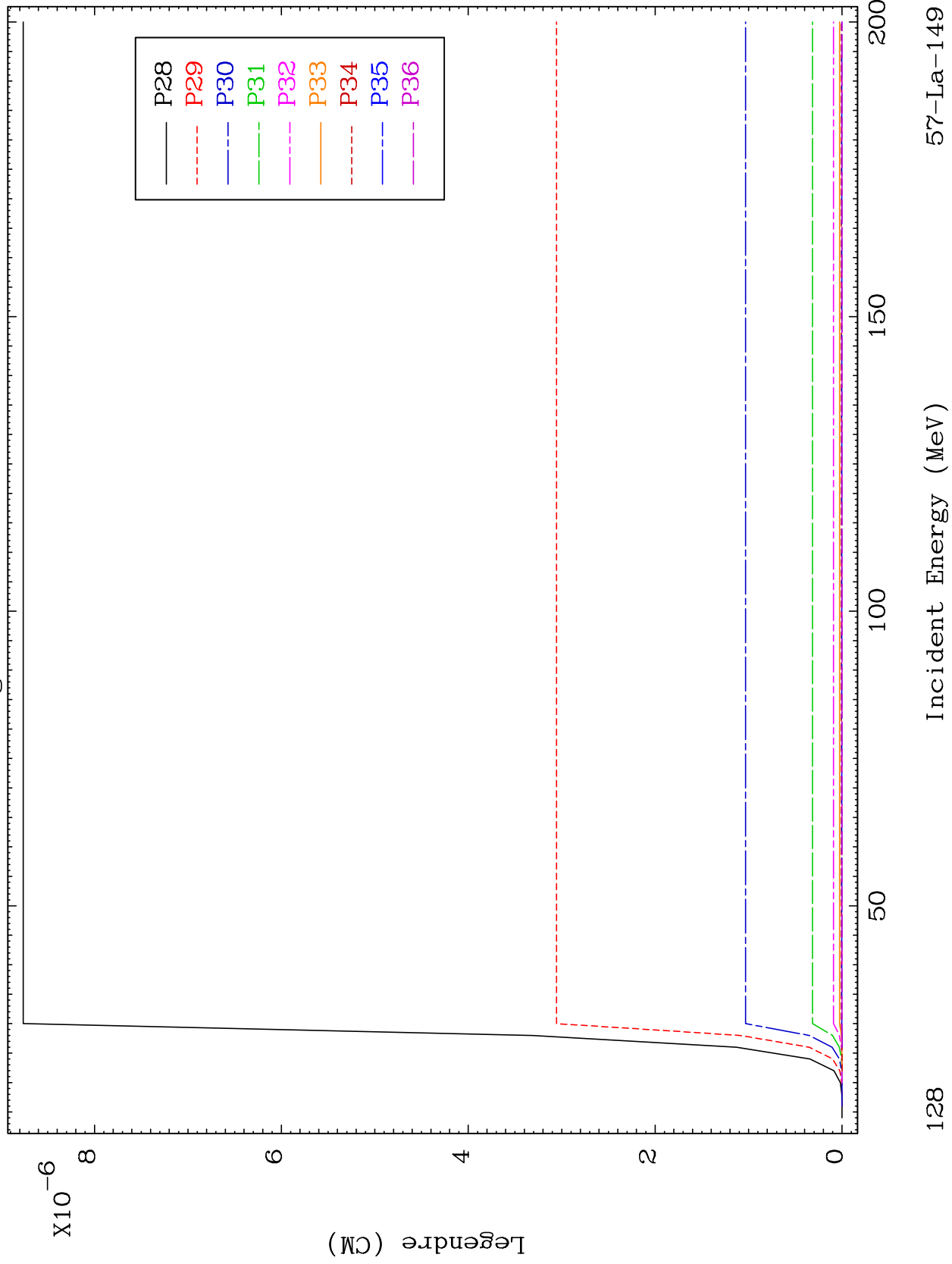
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



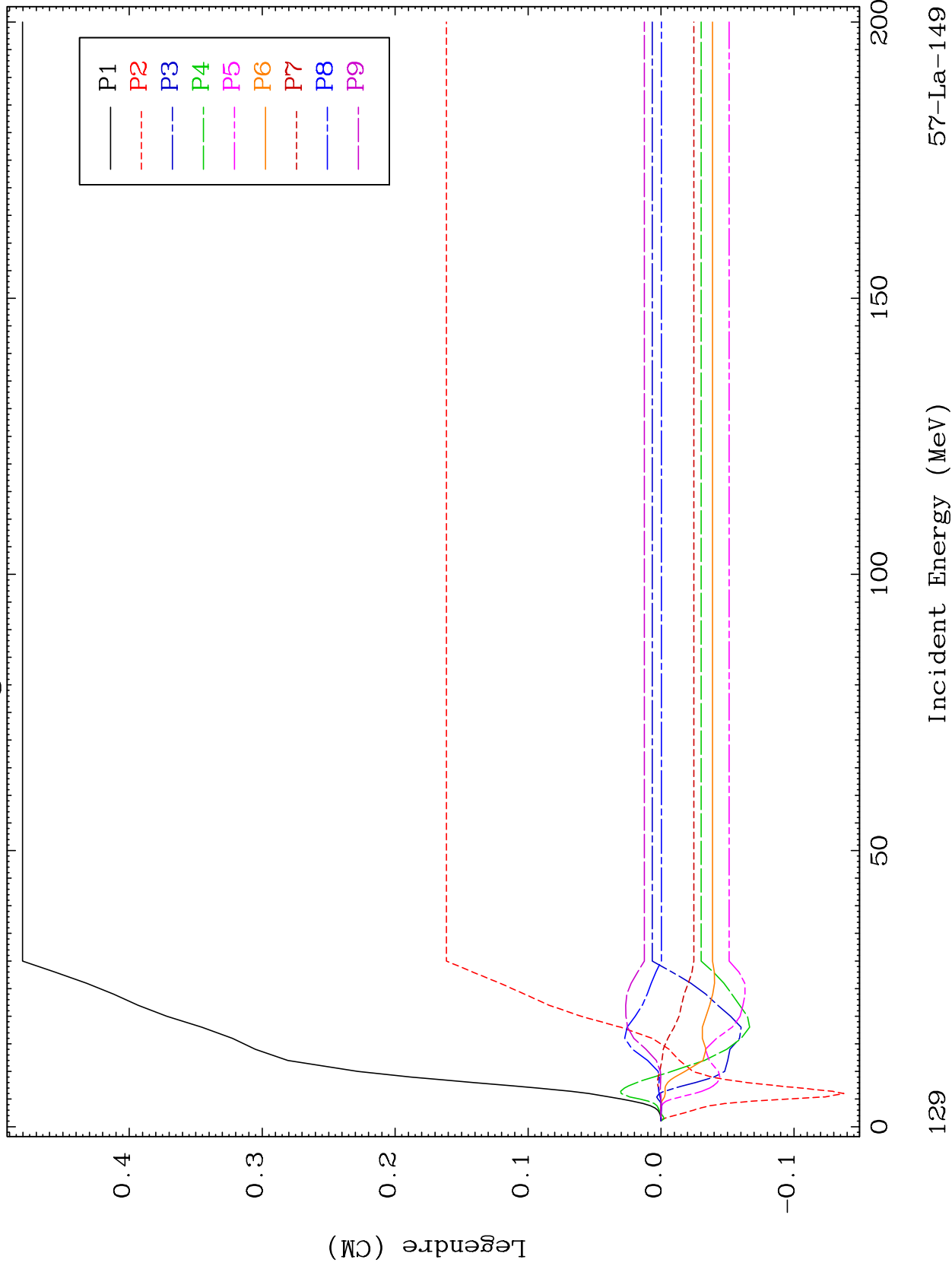
128

57-La-149

MAT 5758

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

57-La-149



57-La-149

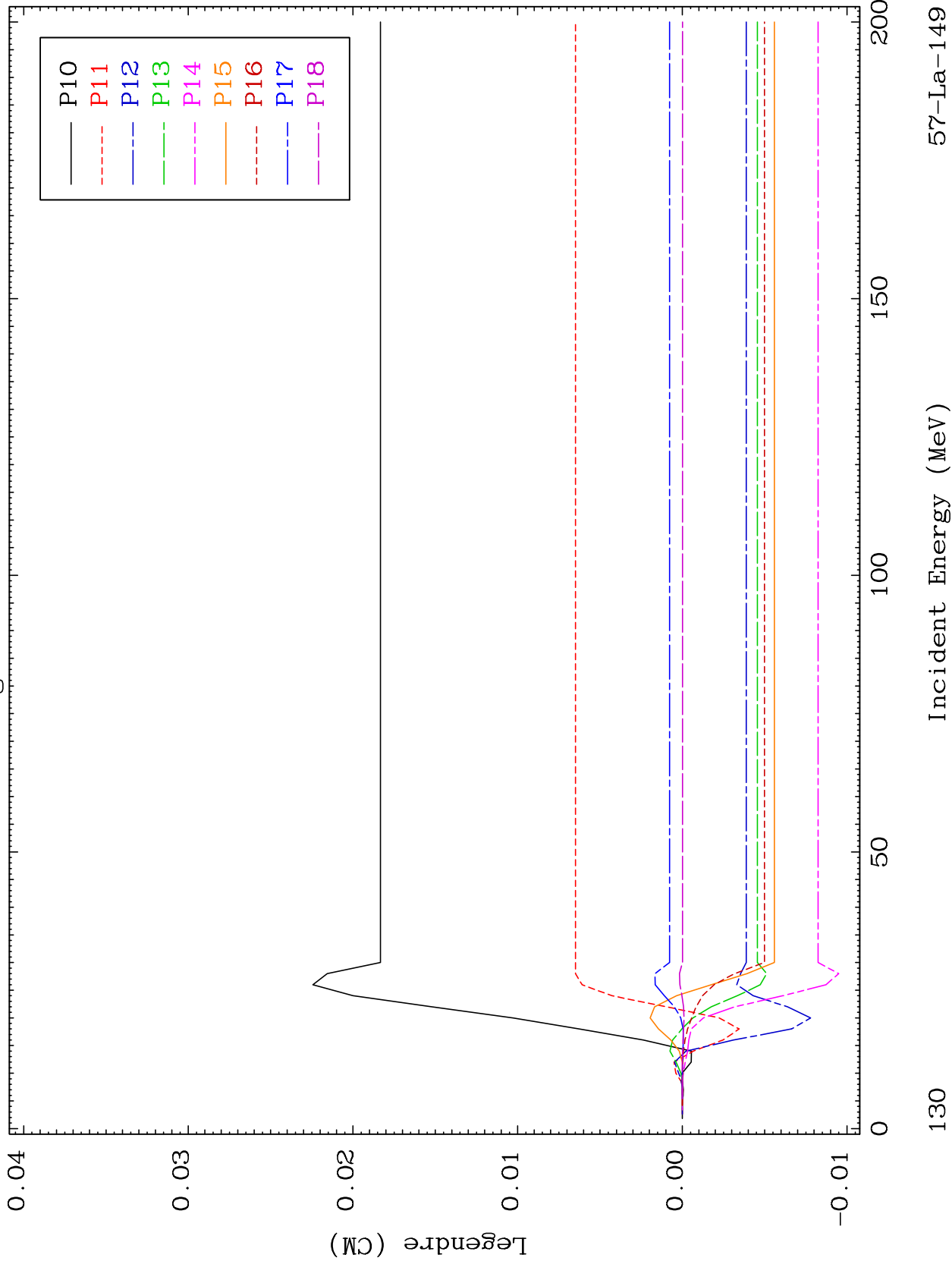
Incident Energy (MeV)

129

MAT 5758

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

57-La-149



57-La-149

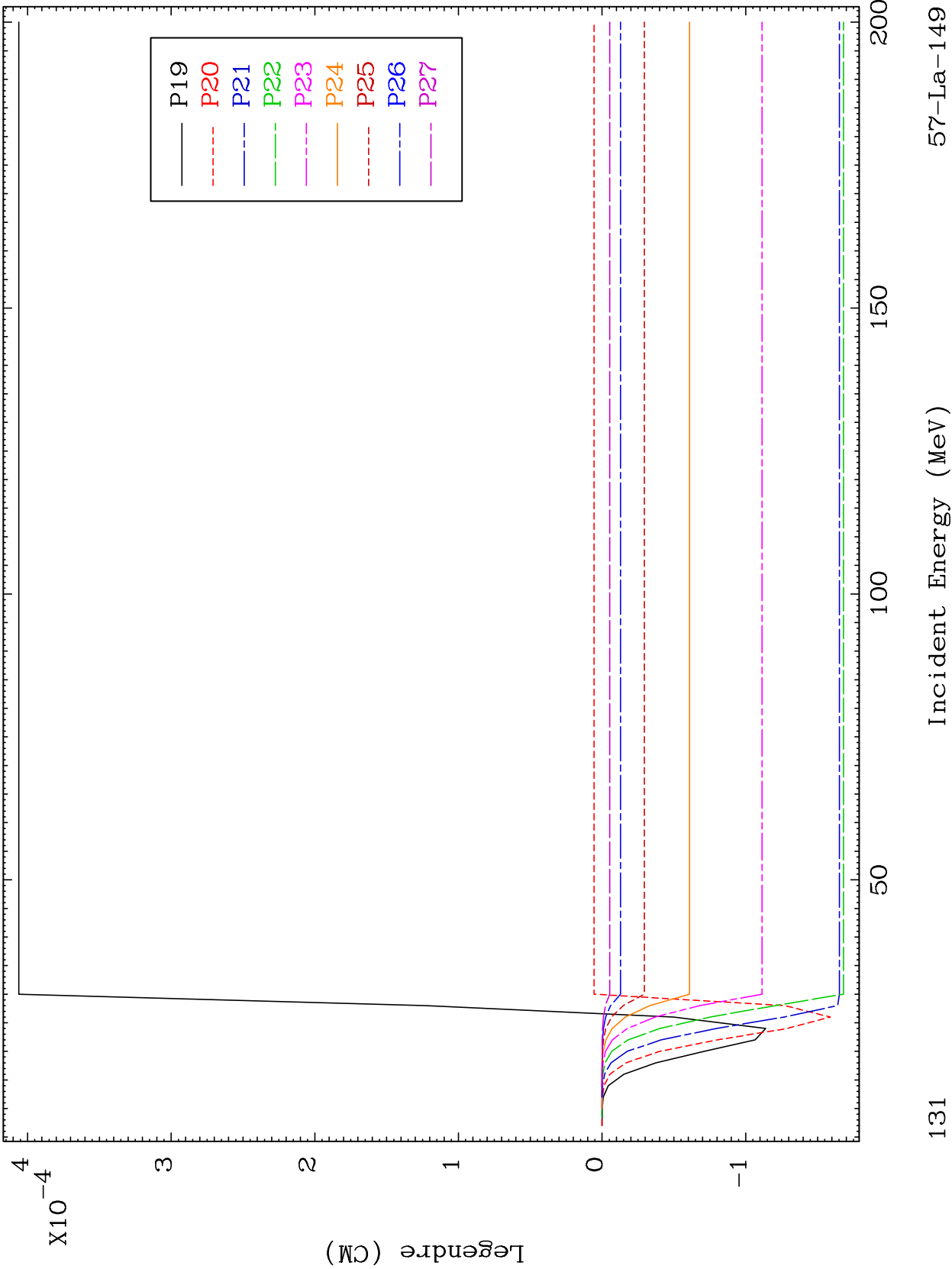
Incident Energy (MeV)

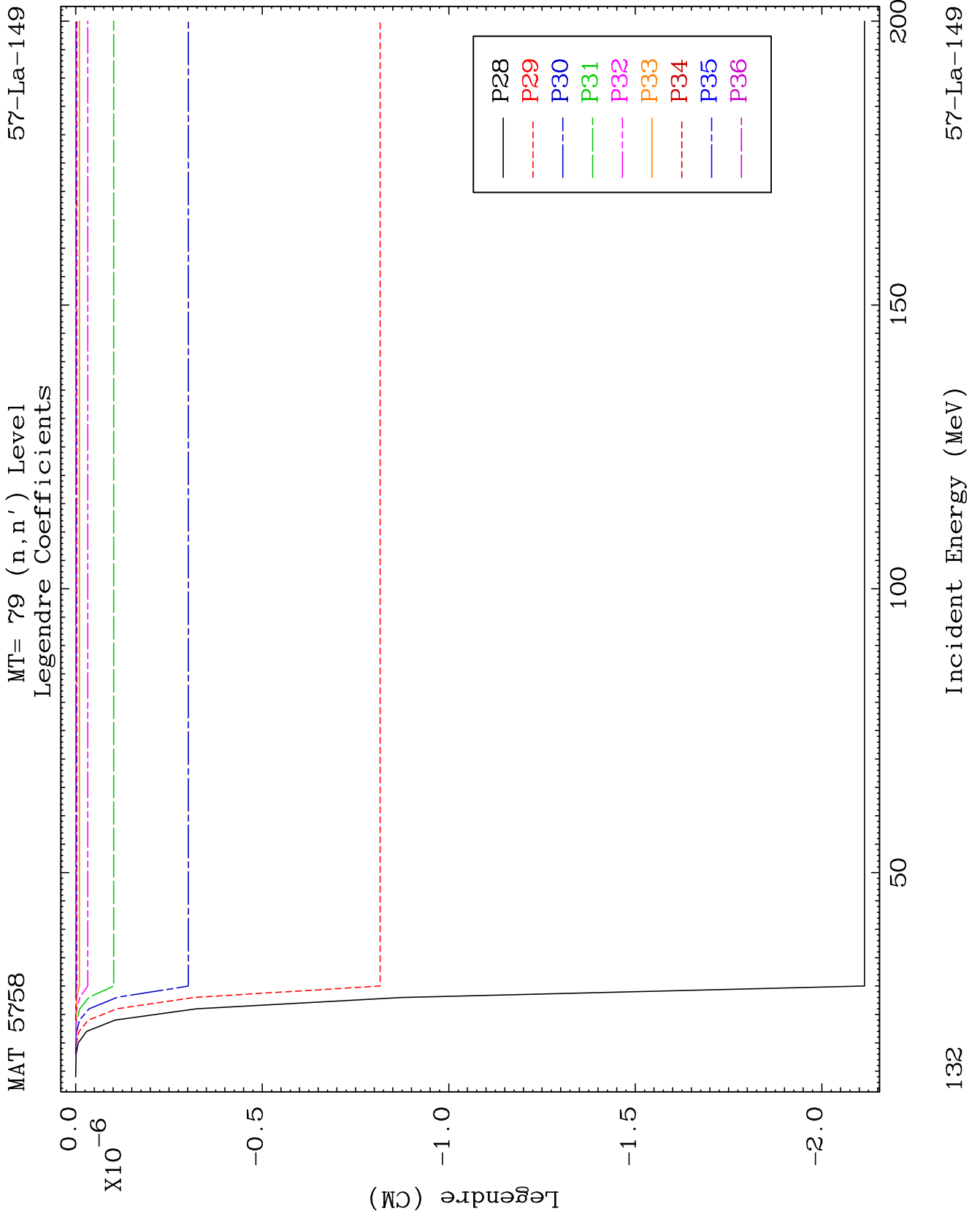
130

MAT 5758

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

57-La-149

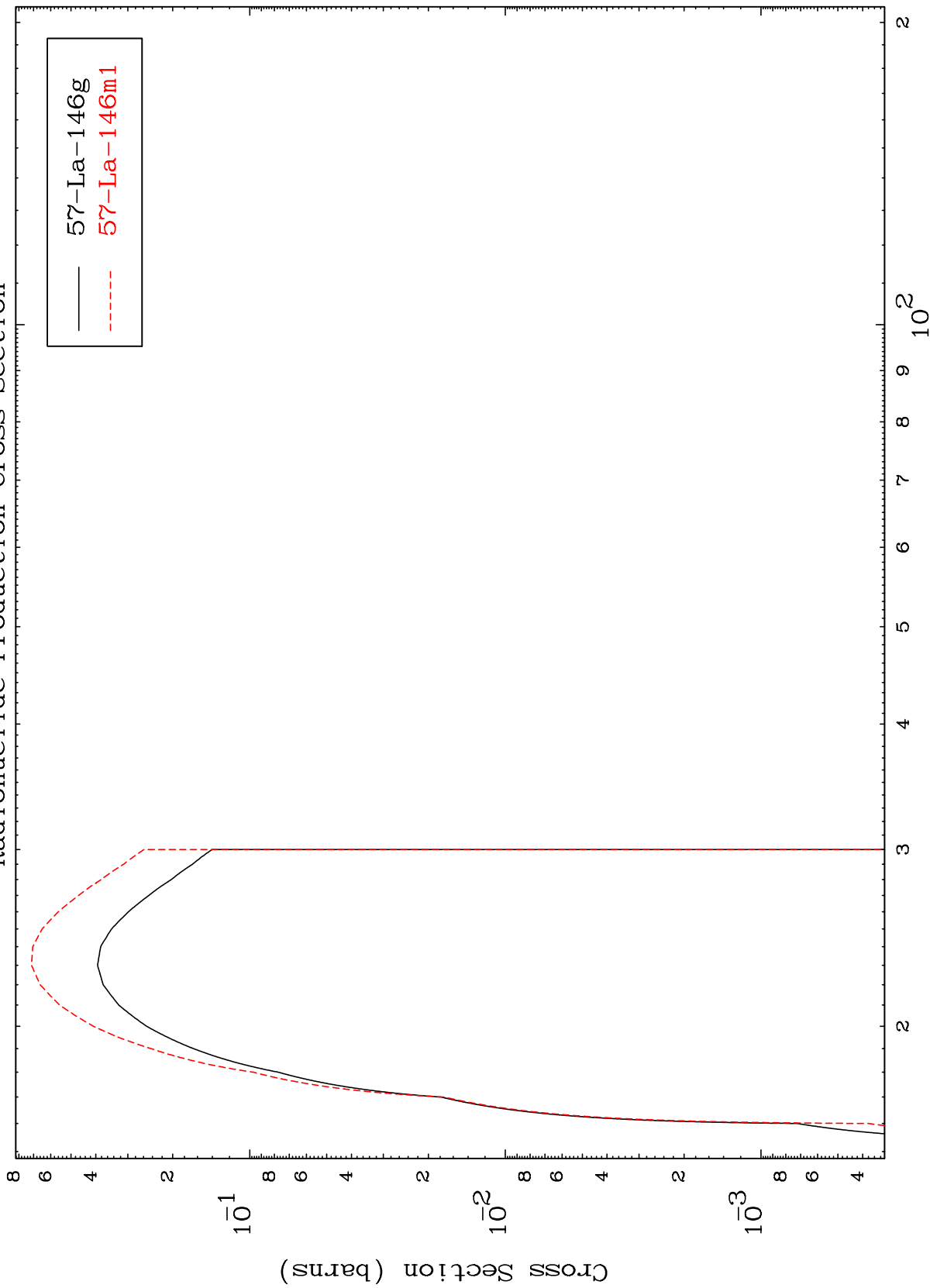




MAT 5758

57-La-149

(n,4n)
Radionuclide Production Cross Section



57-La-146g
57-La-146m1

133

Incident Energy (MeV)

57-La-149