

Program EVALPLOT  
(Version 2018-1)

by

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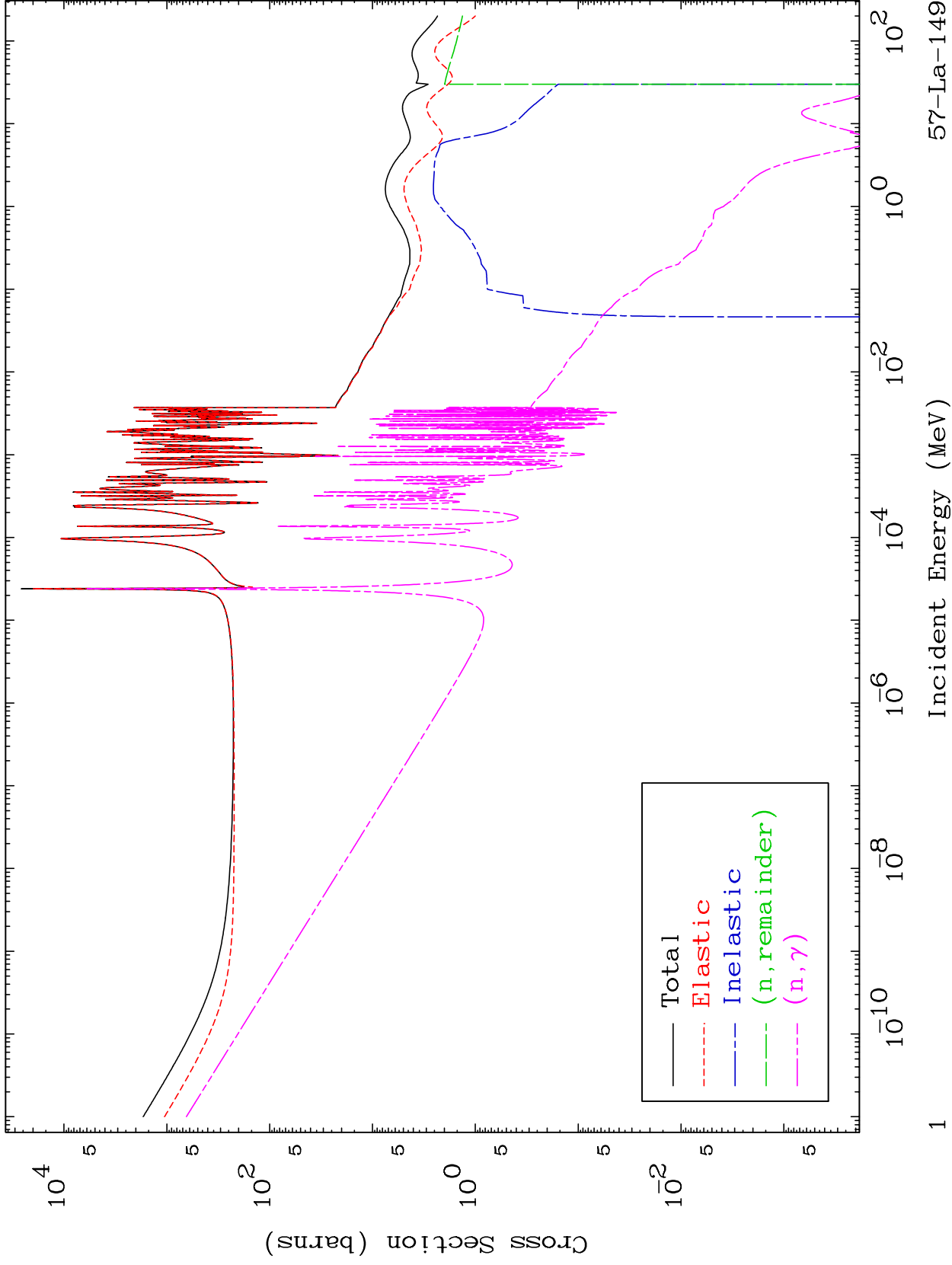
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Press Mouse Button to Start

MAT 5758

Major  
293 Kelvin Cross Sections

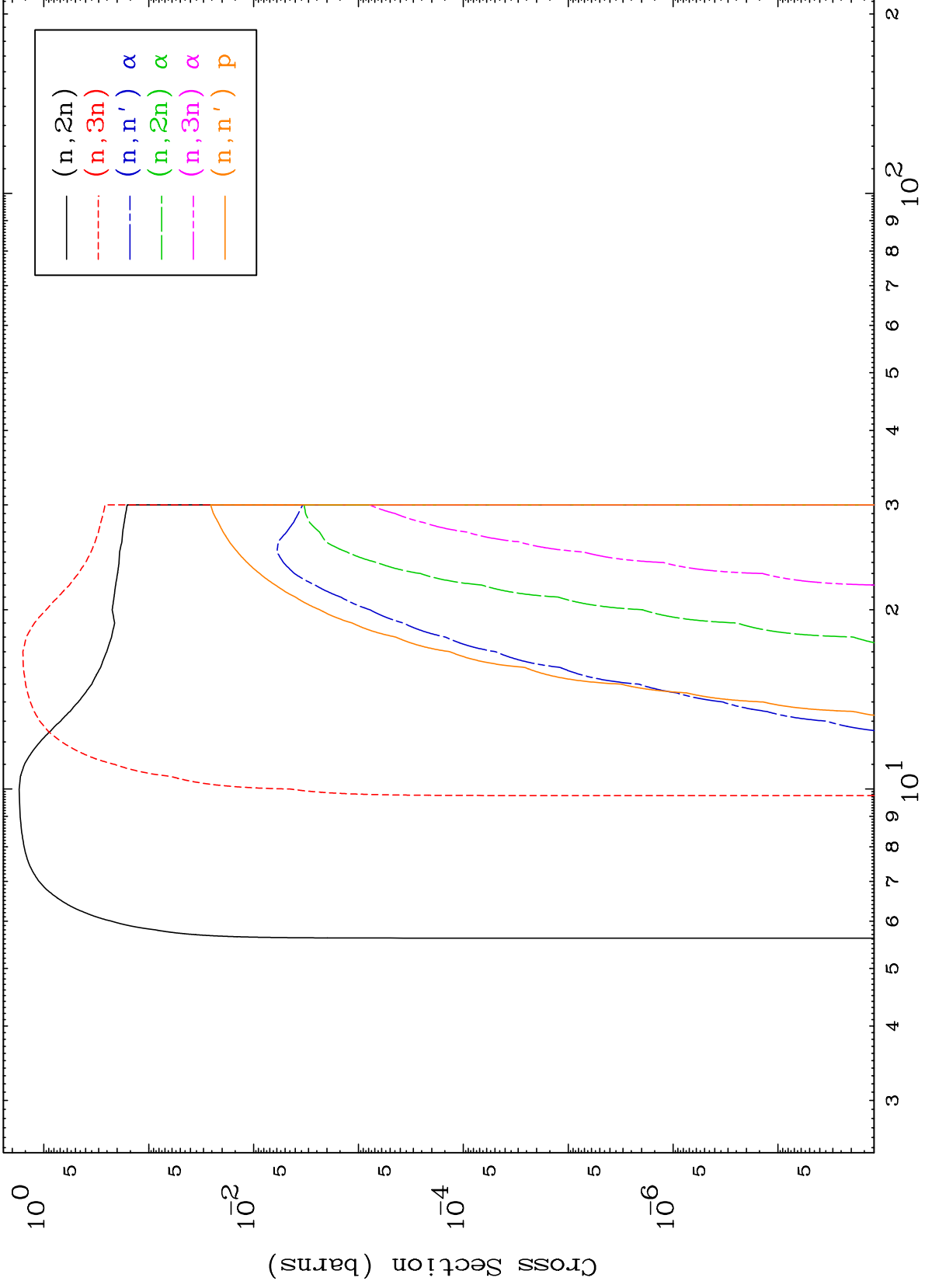
57-La-149



MAT 5758

Neutron Production  
293 Kelvin Cross Sections

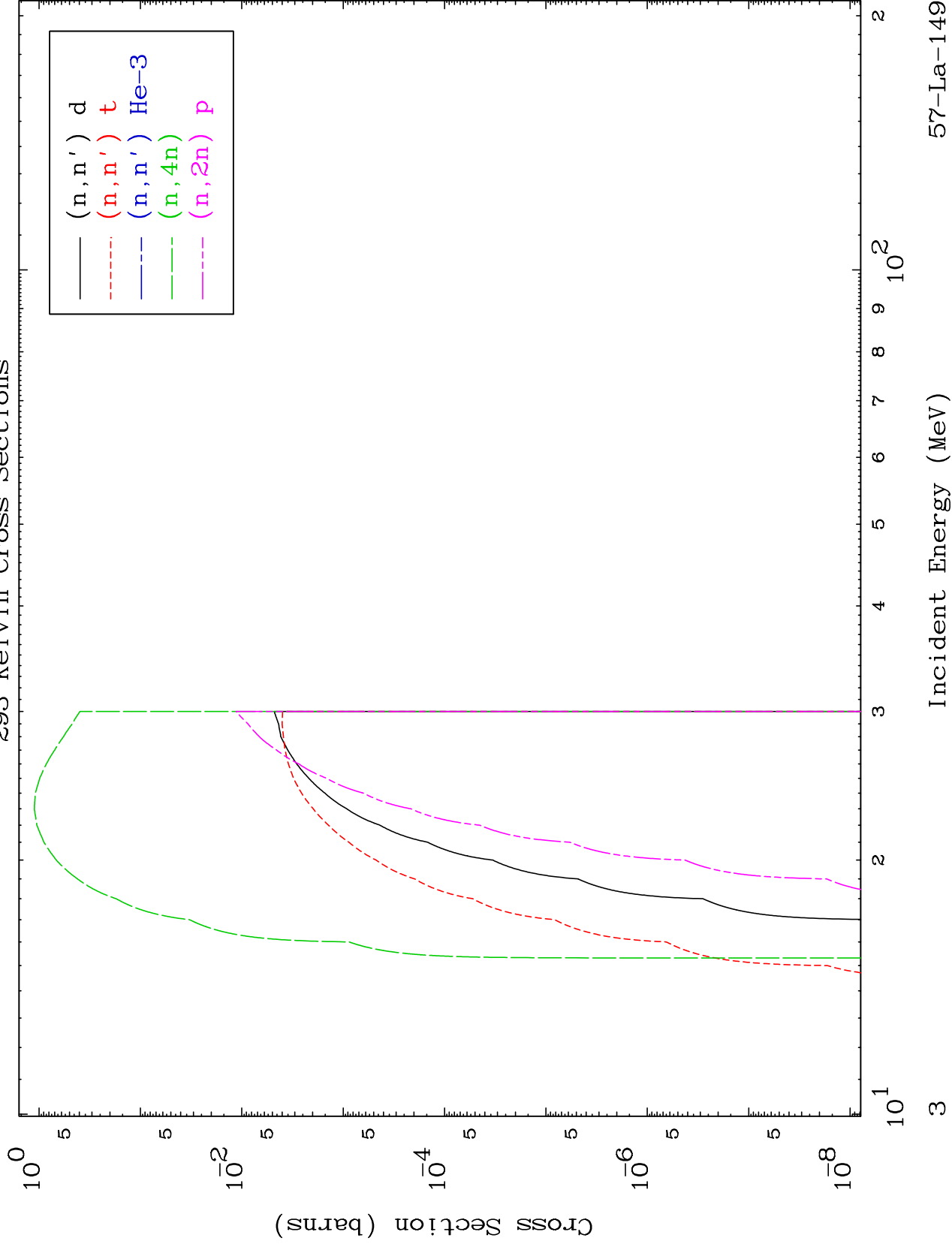
57-La-149



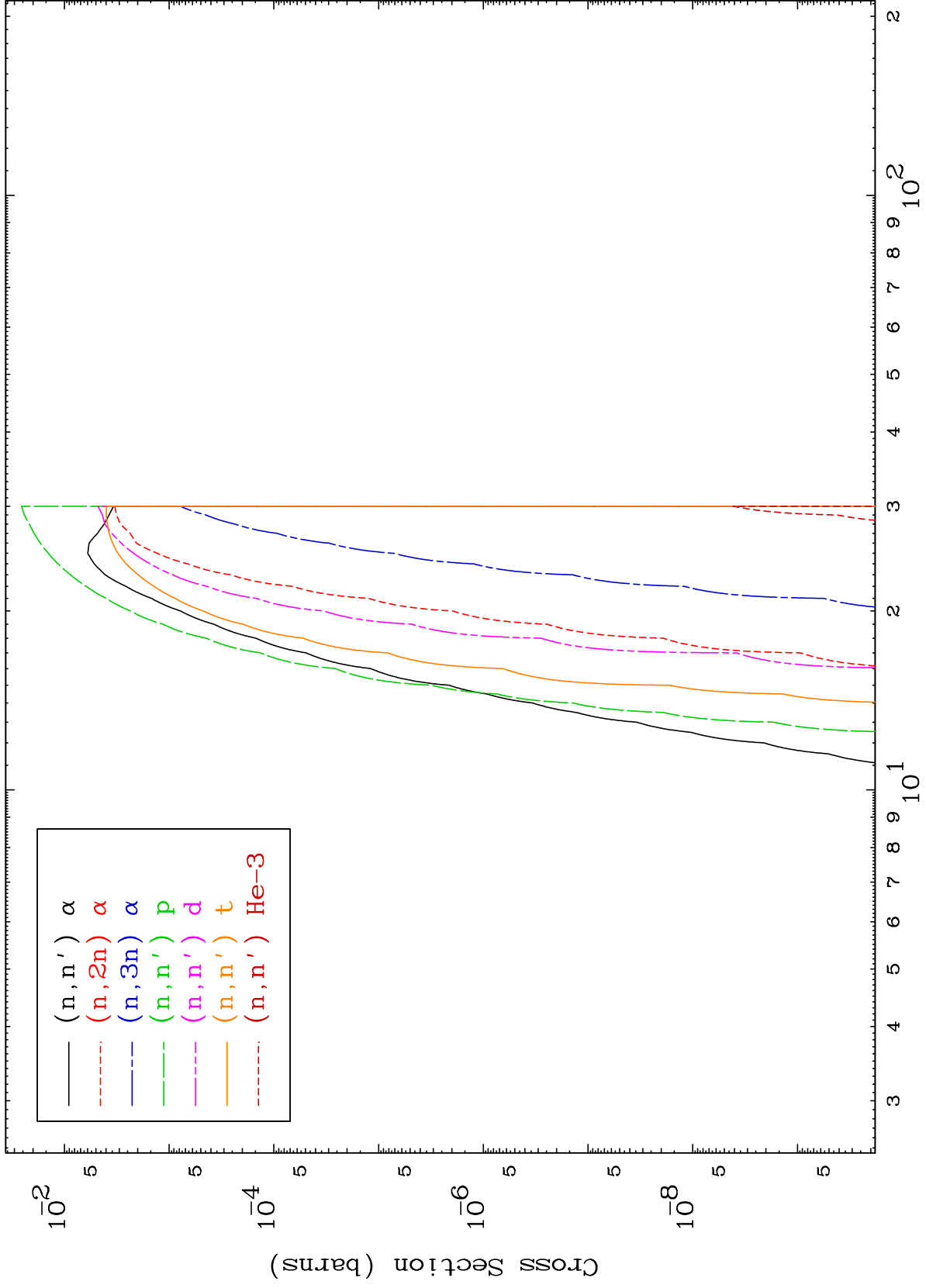
MAT 5758

Neutron Production  
293 Kelvin Cross Sections

57-La-149



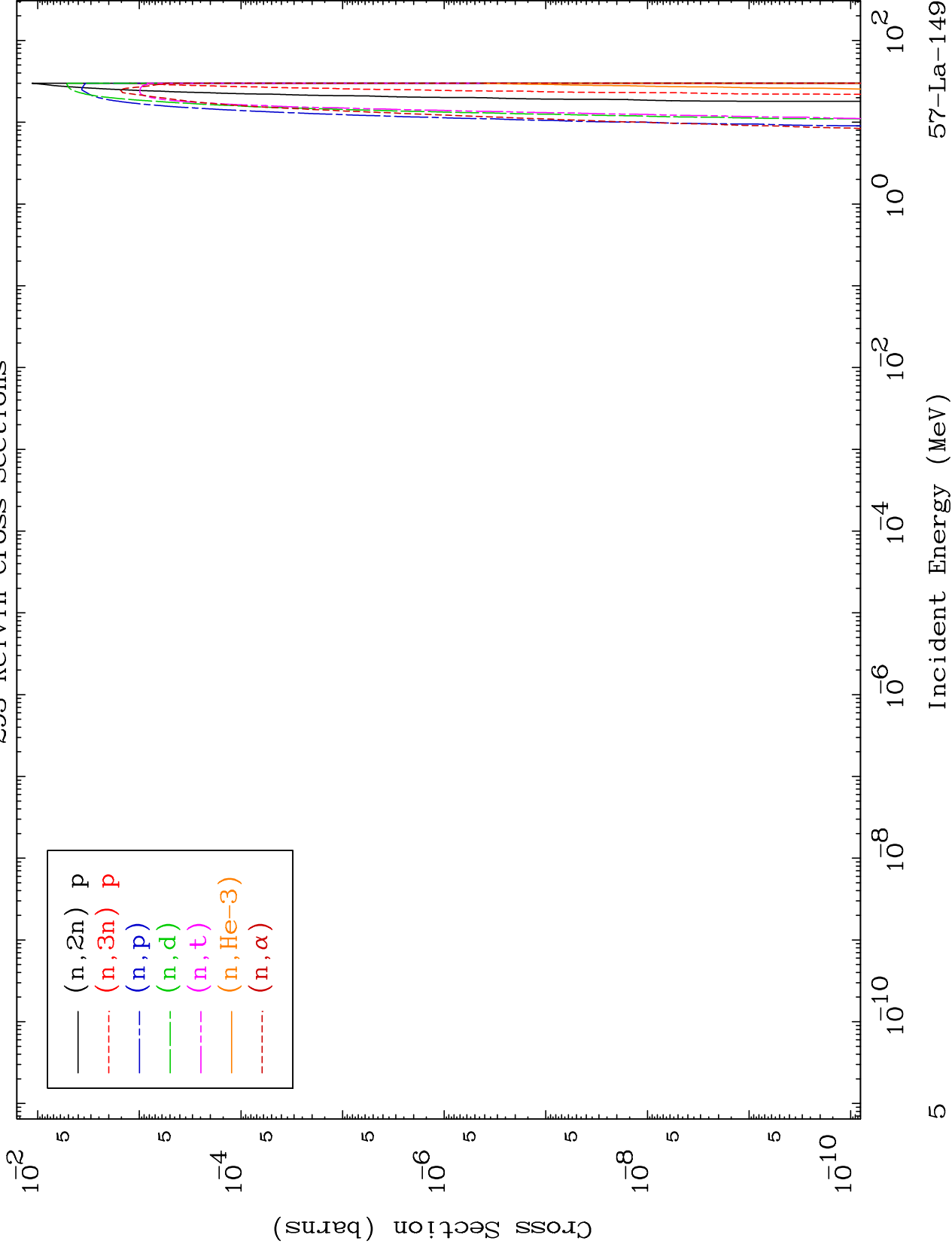
57-La-149



MAT 5758

Charged Particle  
293 Kelvin Cross Sections

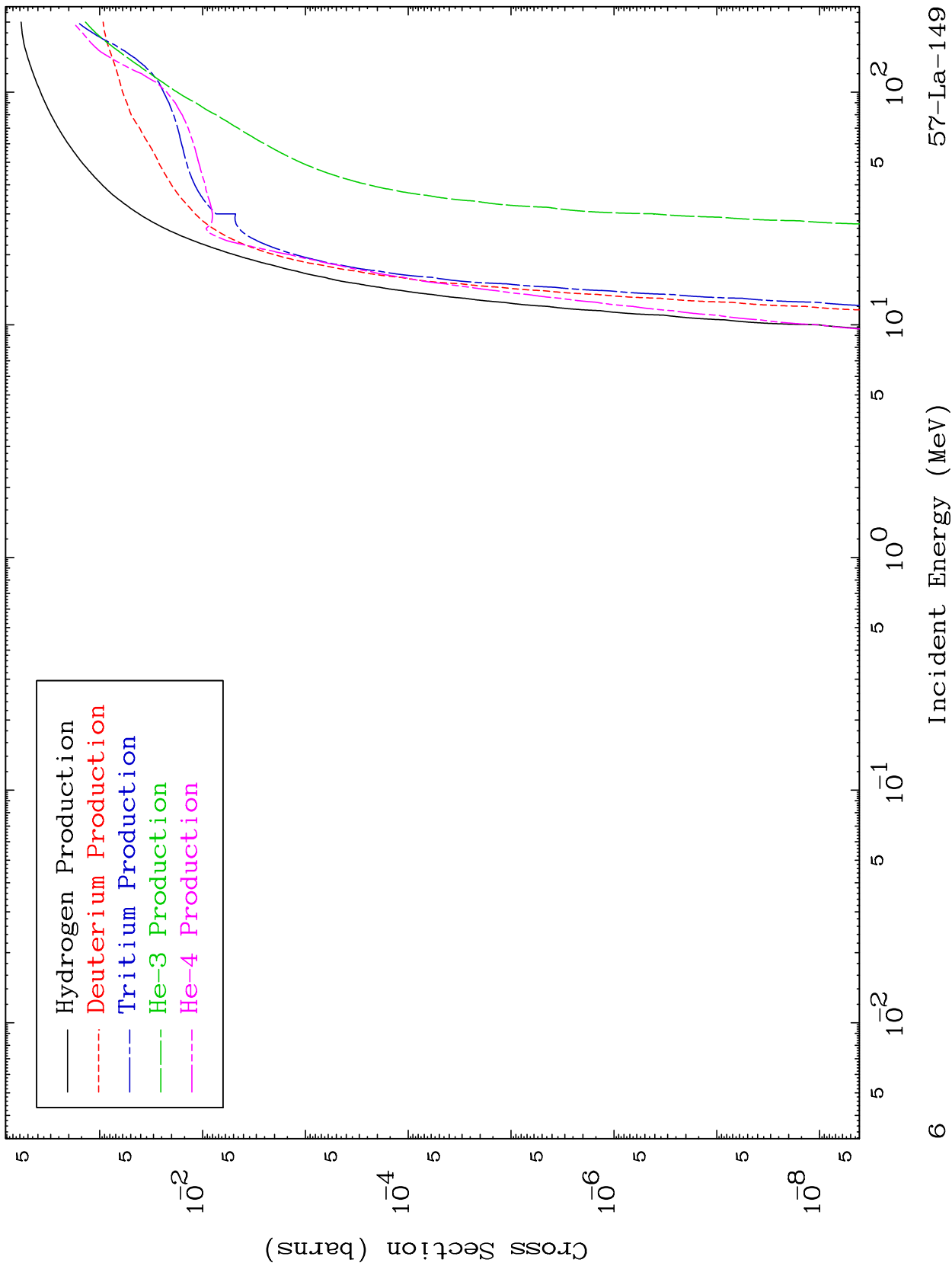
57-La-149



MAT 5758

Particle Production  
293 Kelvin Cross Sections

57-La-149

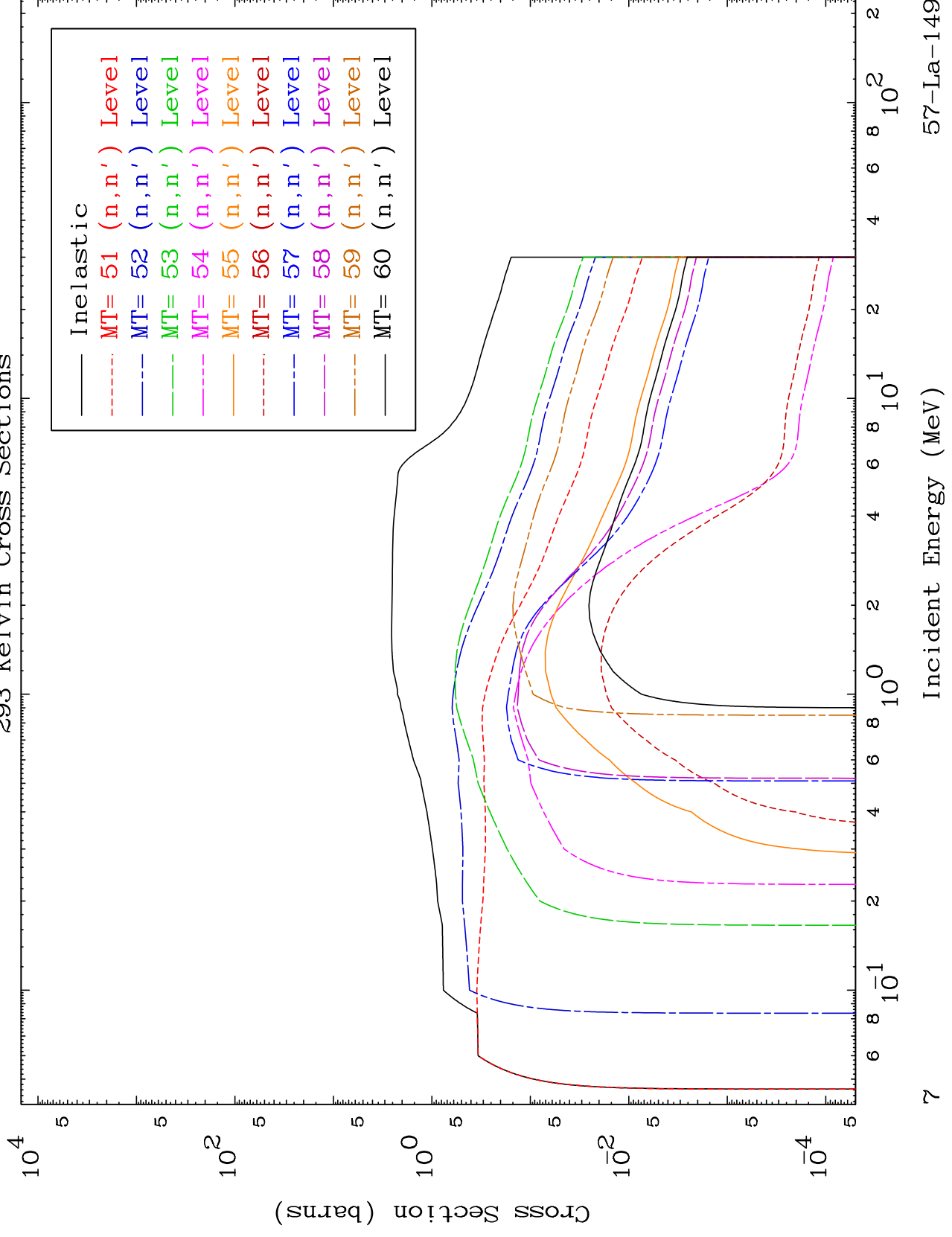


57-La-149

Incident Energy (MeV)

6

293 Kelvin Cross Sections



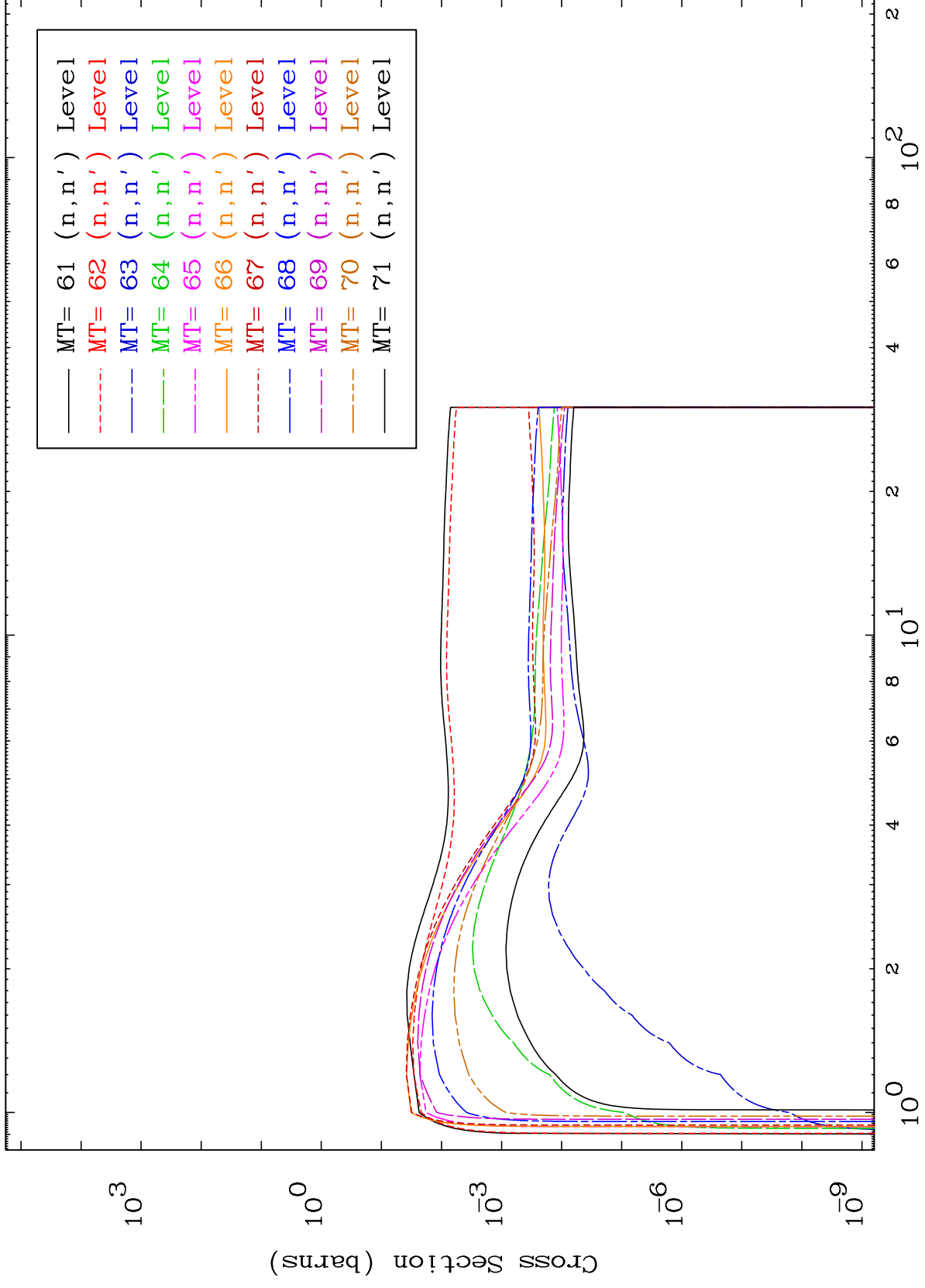


MAT 5758

(n,n') Level

57-La-149

293 Kelvin Cross Sections



Incident Energy (MeV)

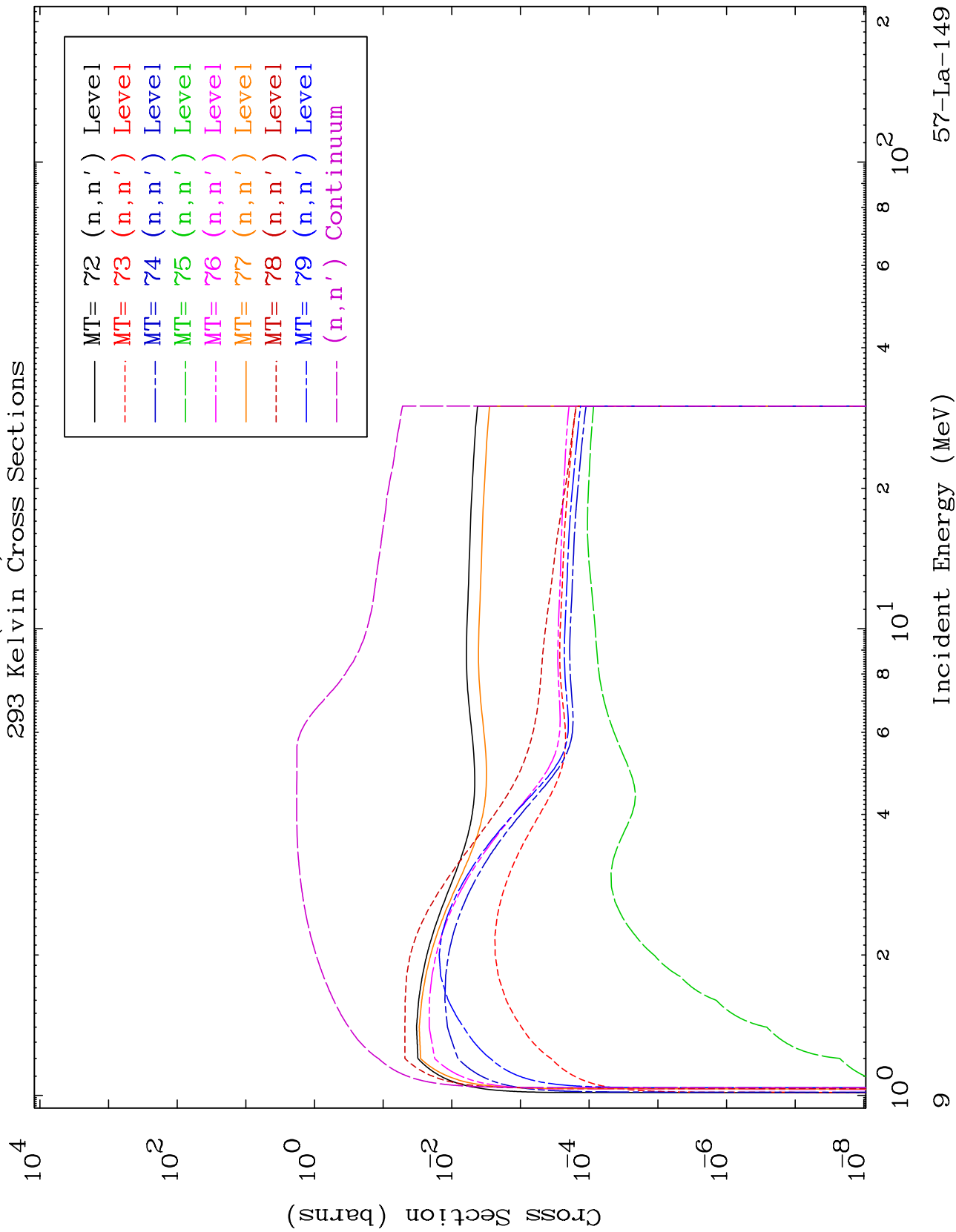
57-La-149

MAT 5758

(n,n') Level

293 Kelvin Cross Sections

57-La-149



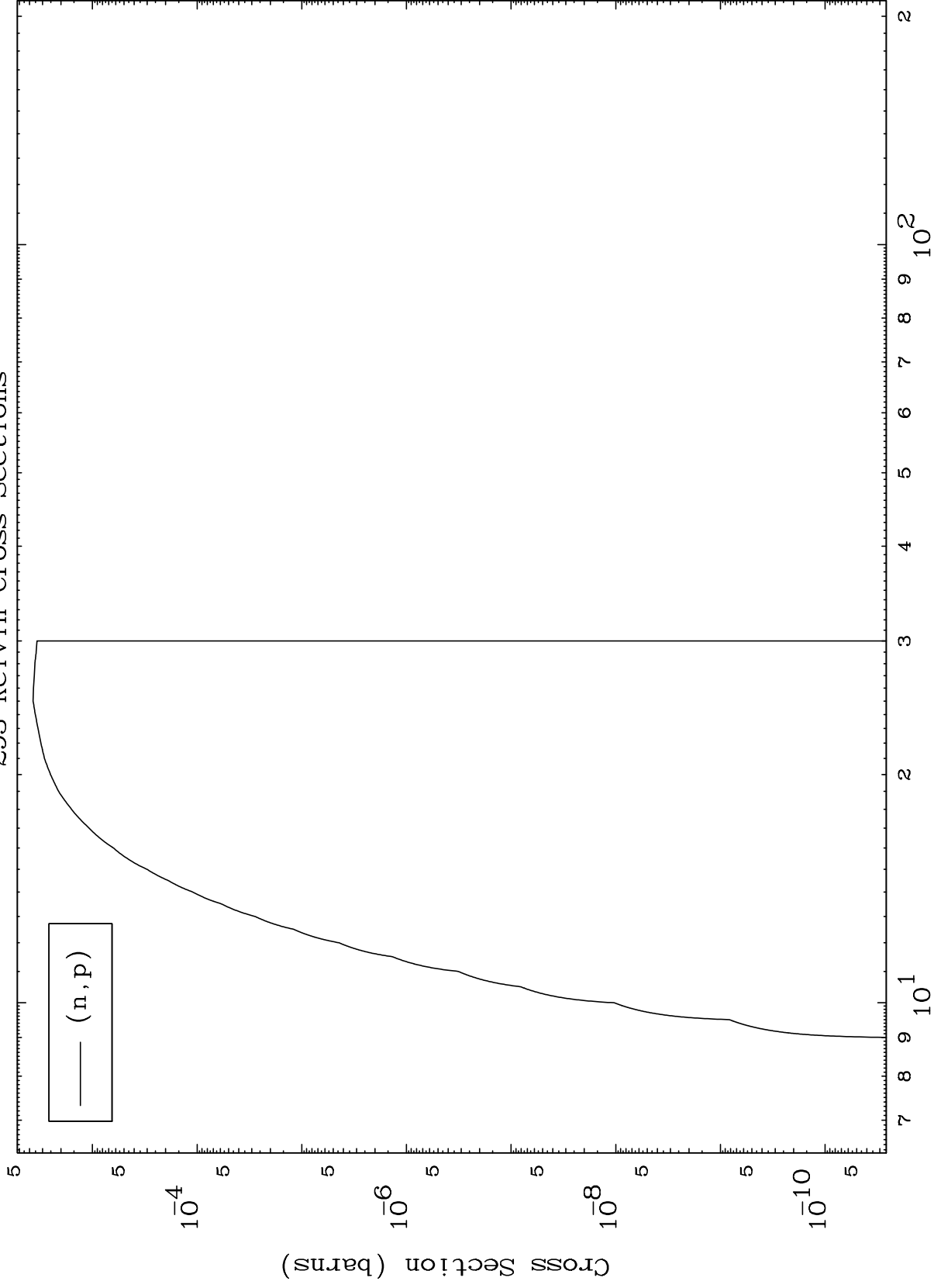
Incident Energy (MeV)

57-La-149

MAT 5758

(n,p) Levels  
293 Kelvin Cross Sections

57-La-149



10

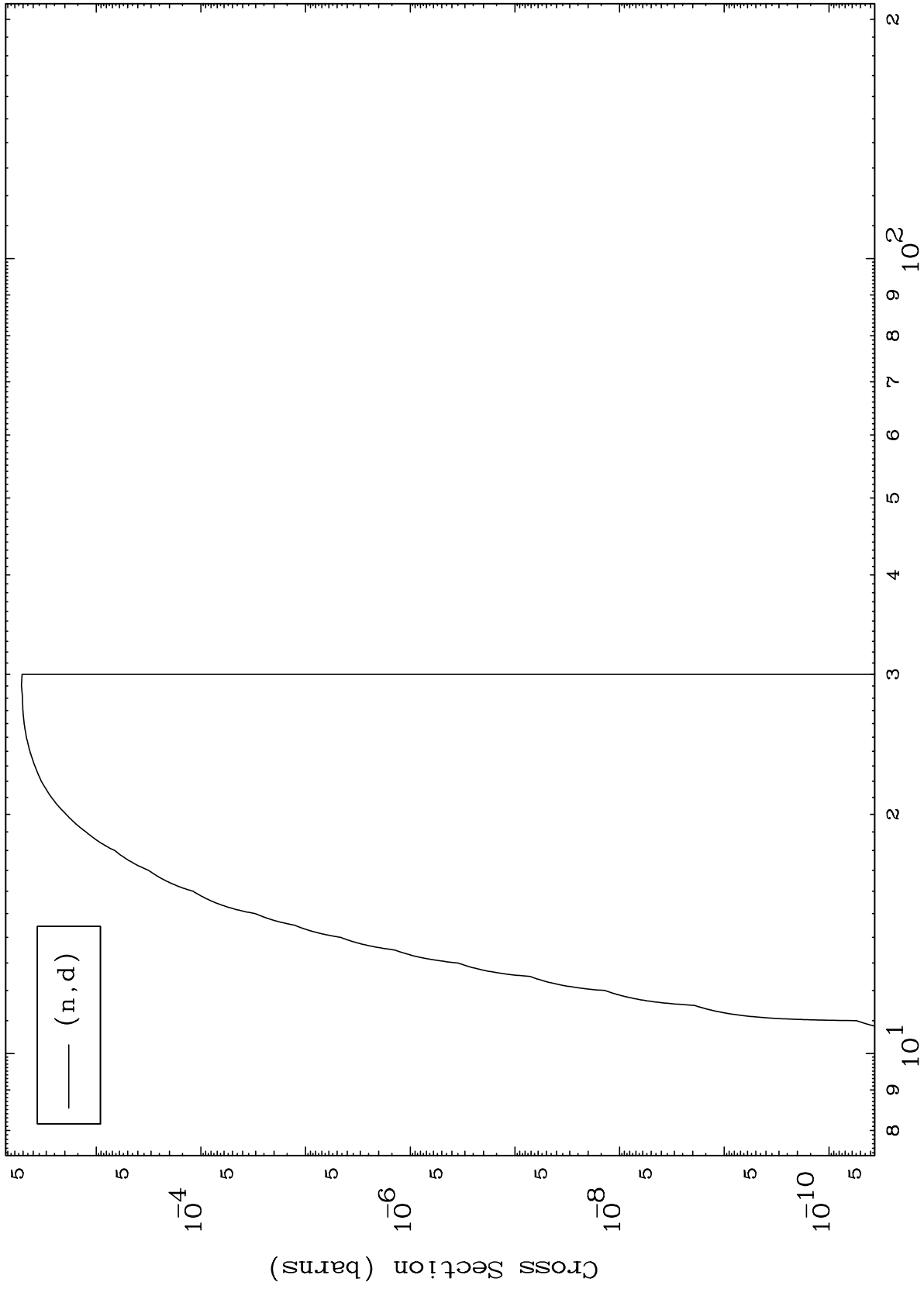
Incident Energy (MeV)

57-La-149

MAT 5758

(n,d) Levels  
293 Kelvin Cross Sections

57-La-149



11

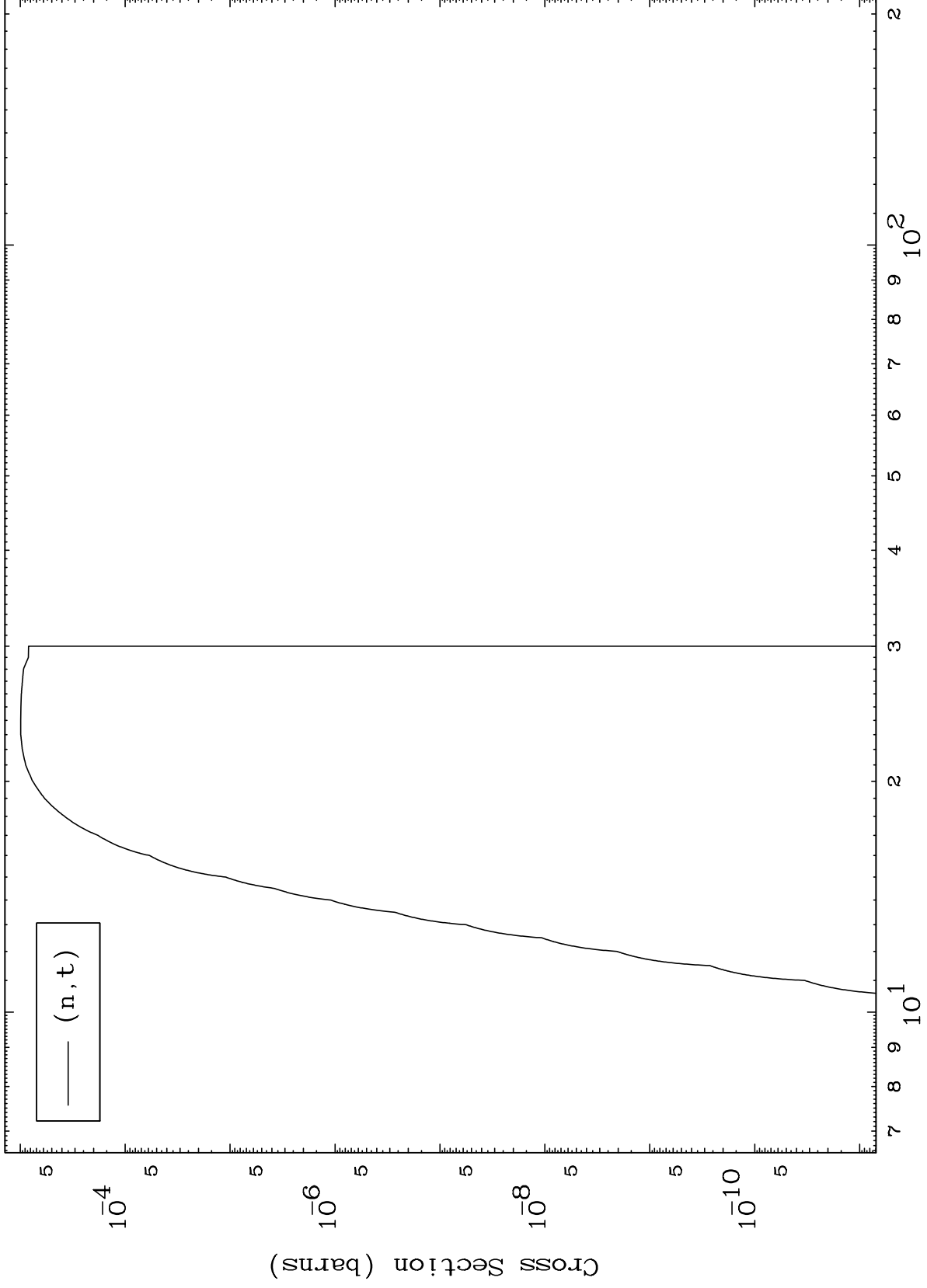
Incident Energy (MeV)

57-La-149

MAT 5758

(n,t) Levels  
293 Kelvin Cross Sections

57-La-149



12

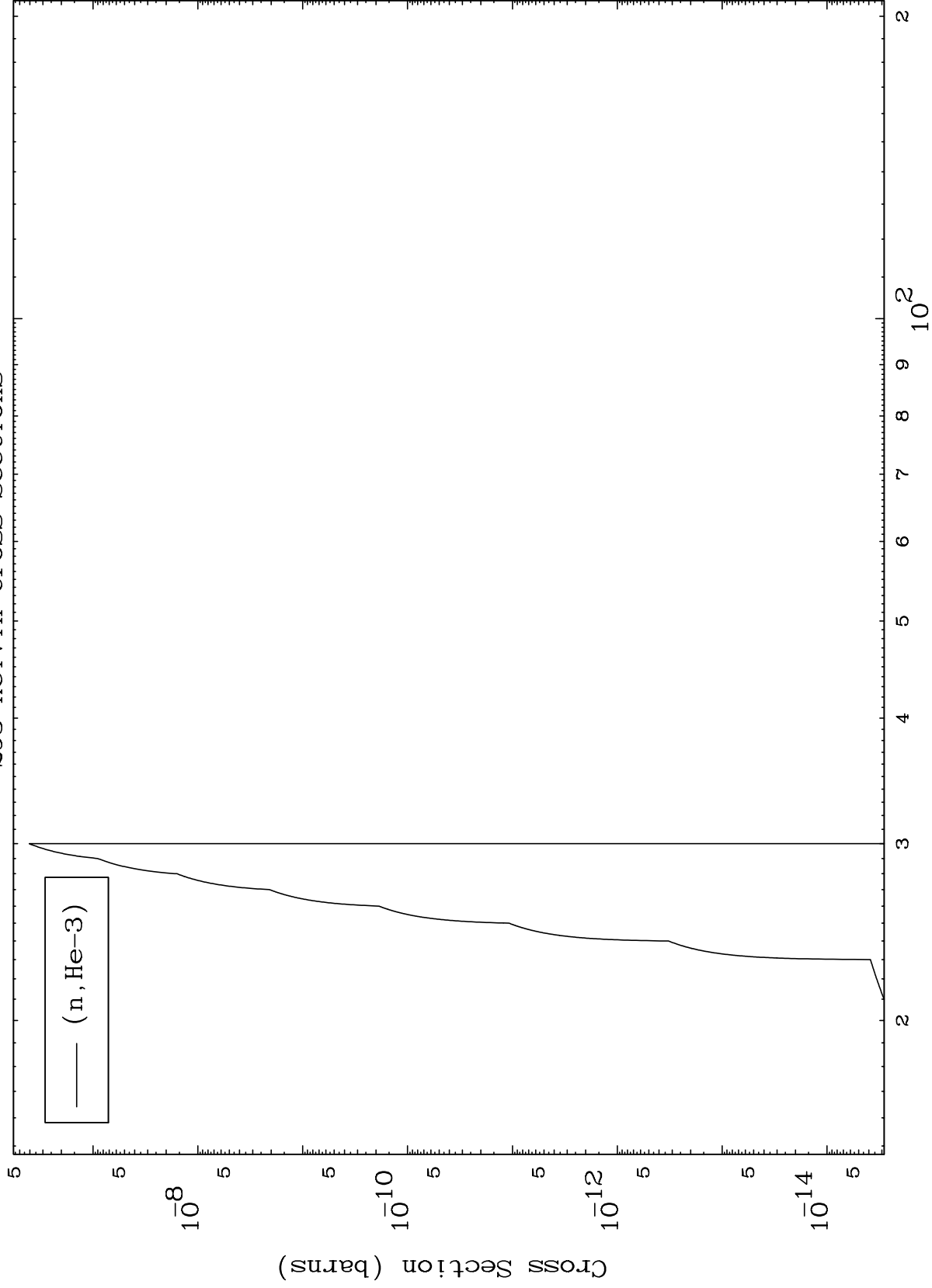
Incident Energy (MeV)

57-La-149

MAT 5758

(n,He3) Levels  
293 Kelvin Cross Sections

57-La-149



13

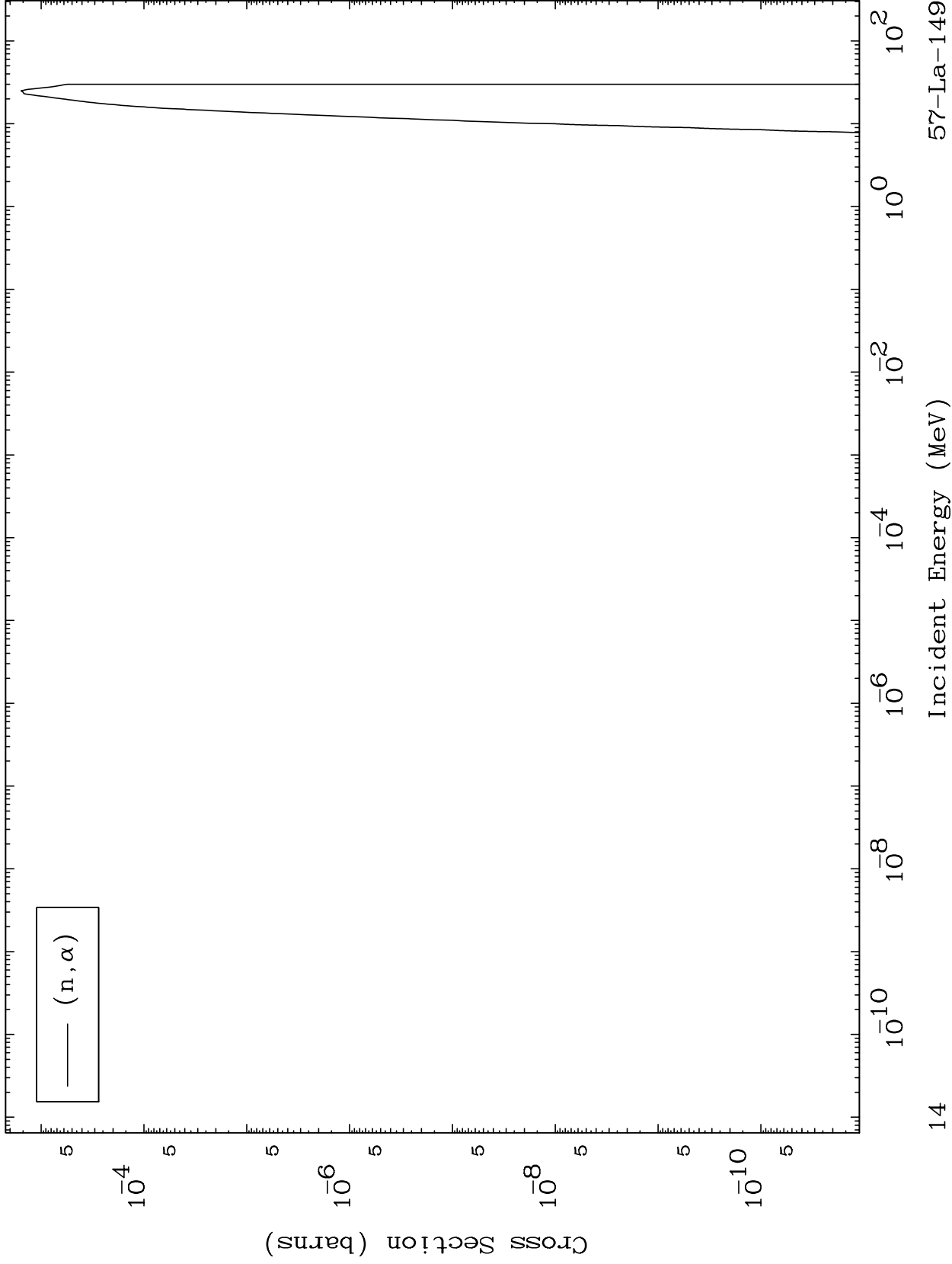
Incident Energy (MeV)

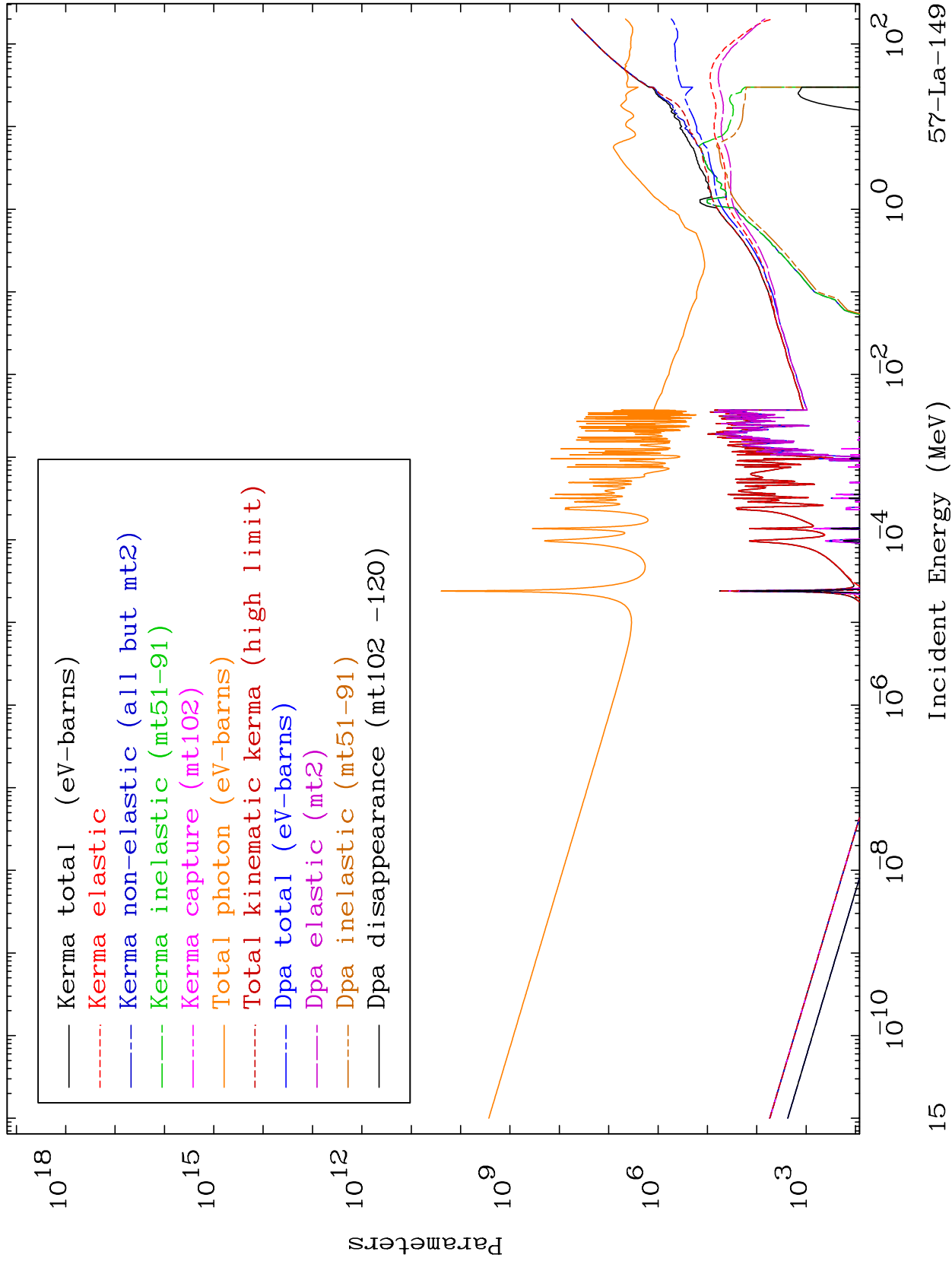
57-La-149

MAT 5758

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

57-La-149



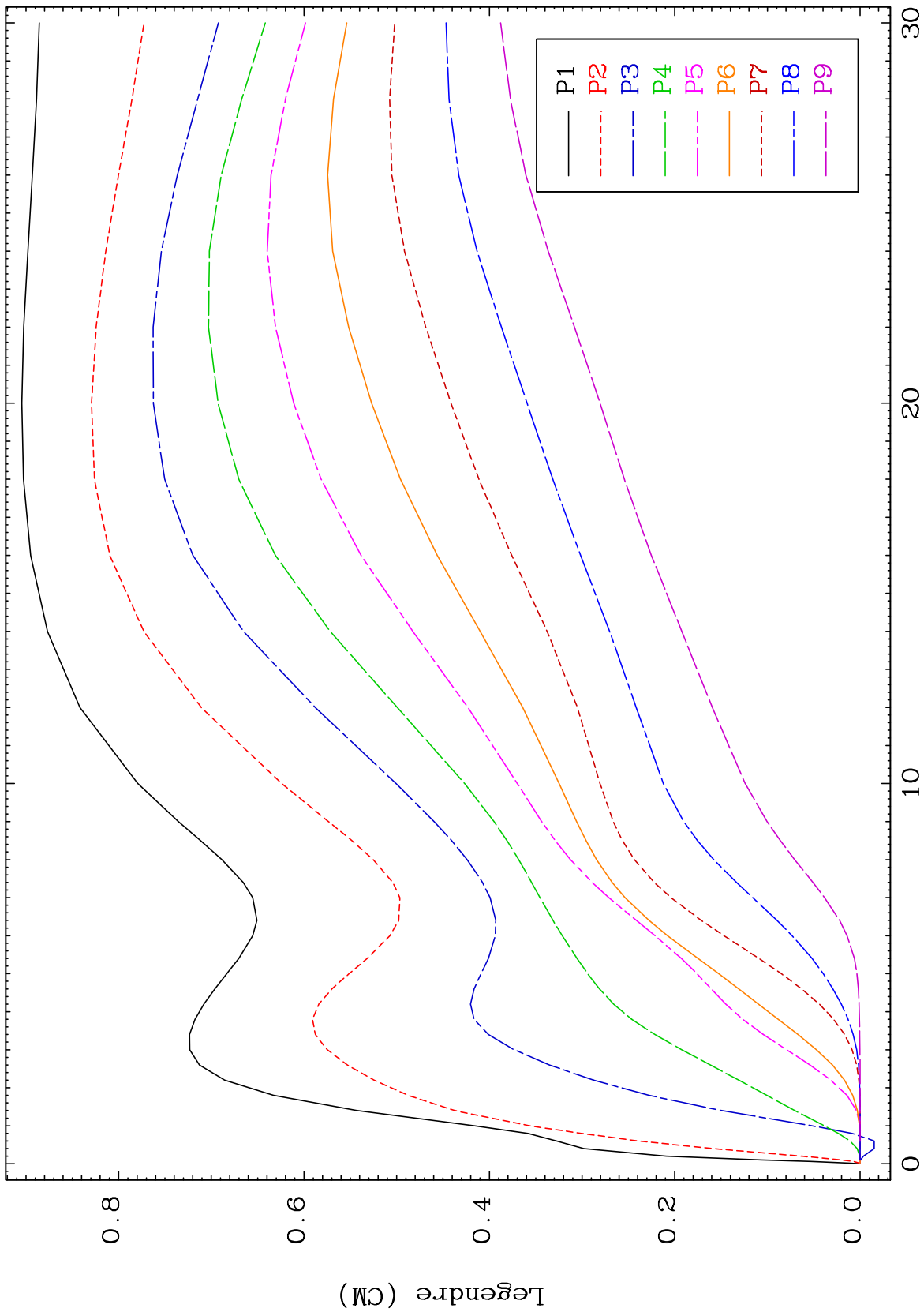




MAT 5758

57-La-149

Elastic Legendre Coefficients



16

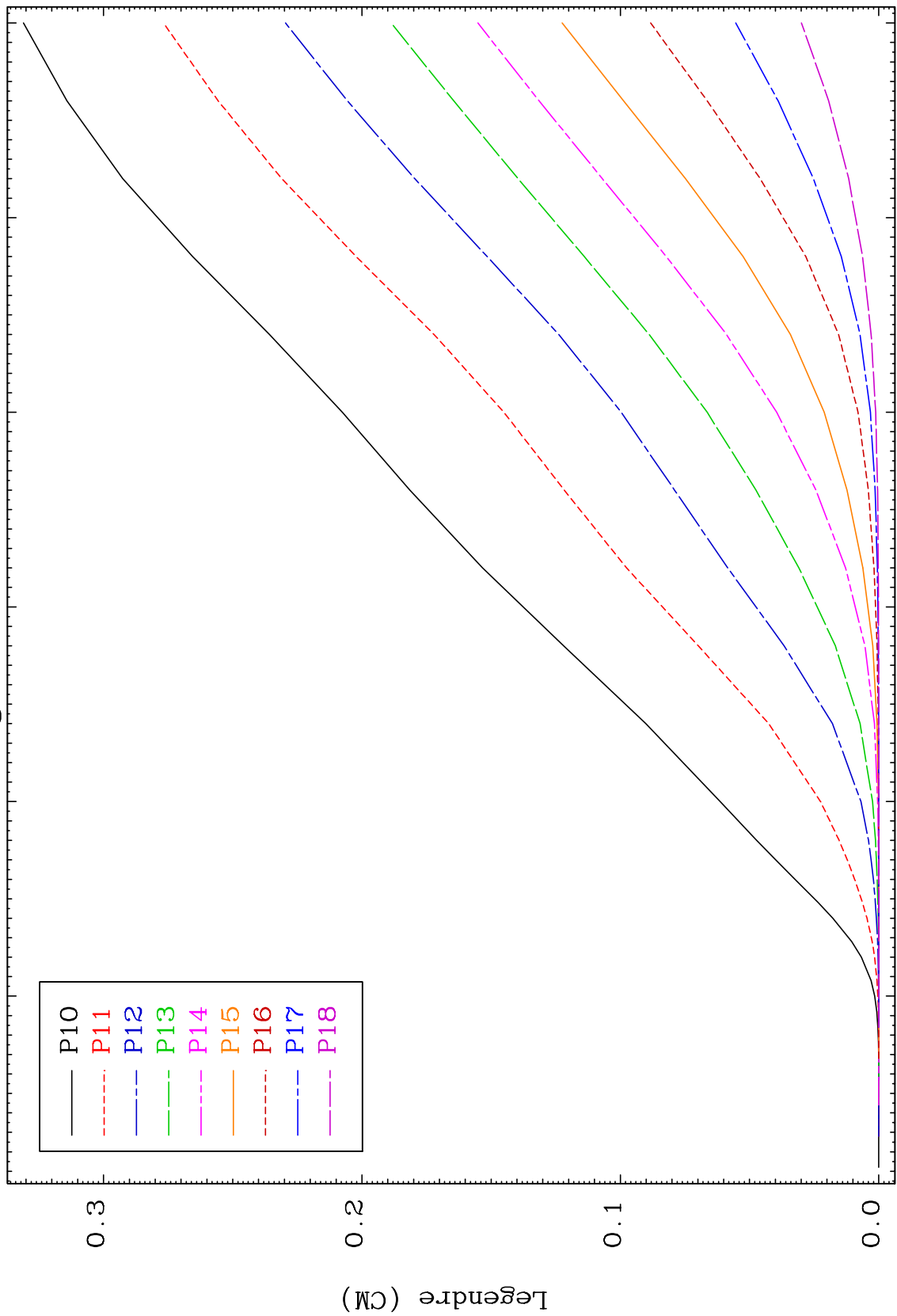
Incident Energy (MeV)

57-La-149

MAT 5758

Elastic Legendre Coefficients

57-La-149



17

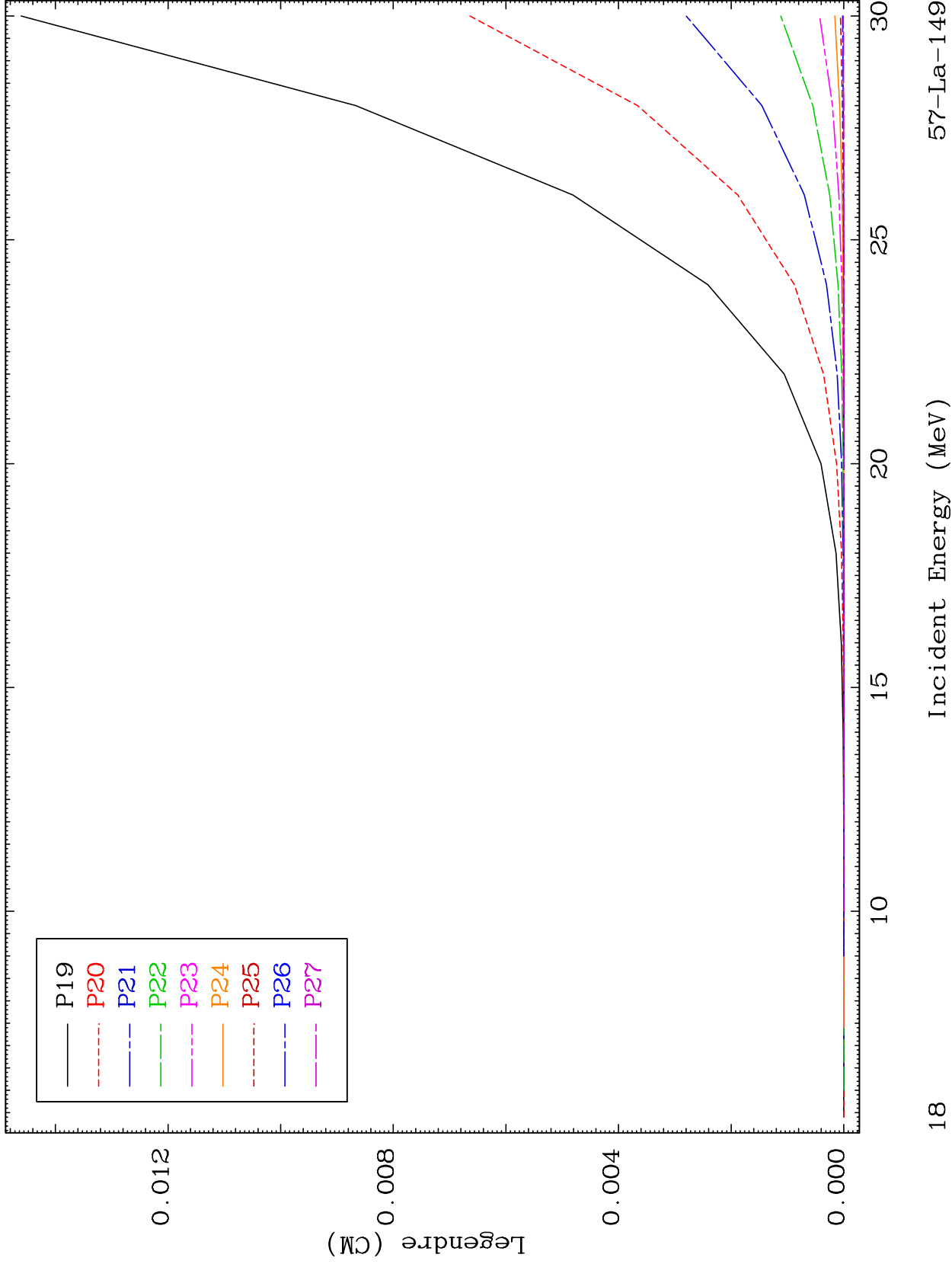
Incident Energy (MeV)

57-La-149

MAT 5758

Elastic  
Legendre Coefficients

57-La-149



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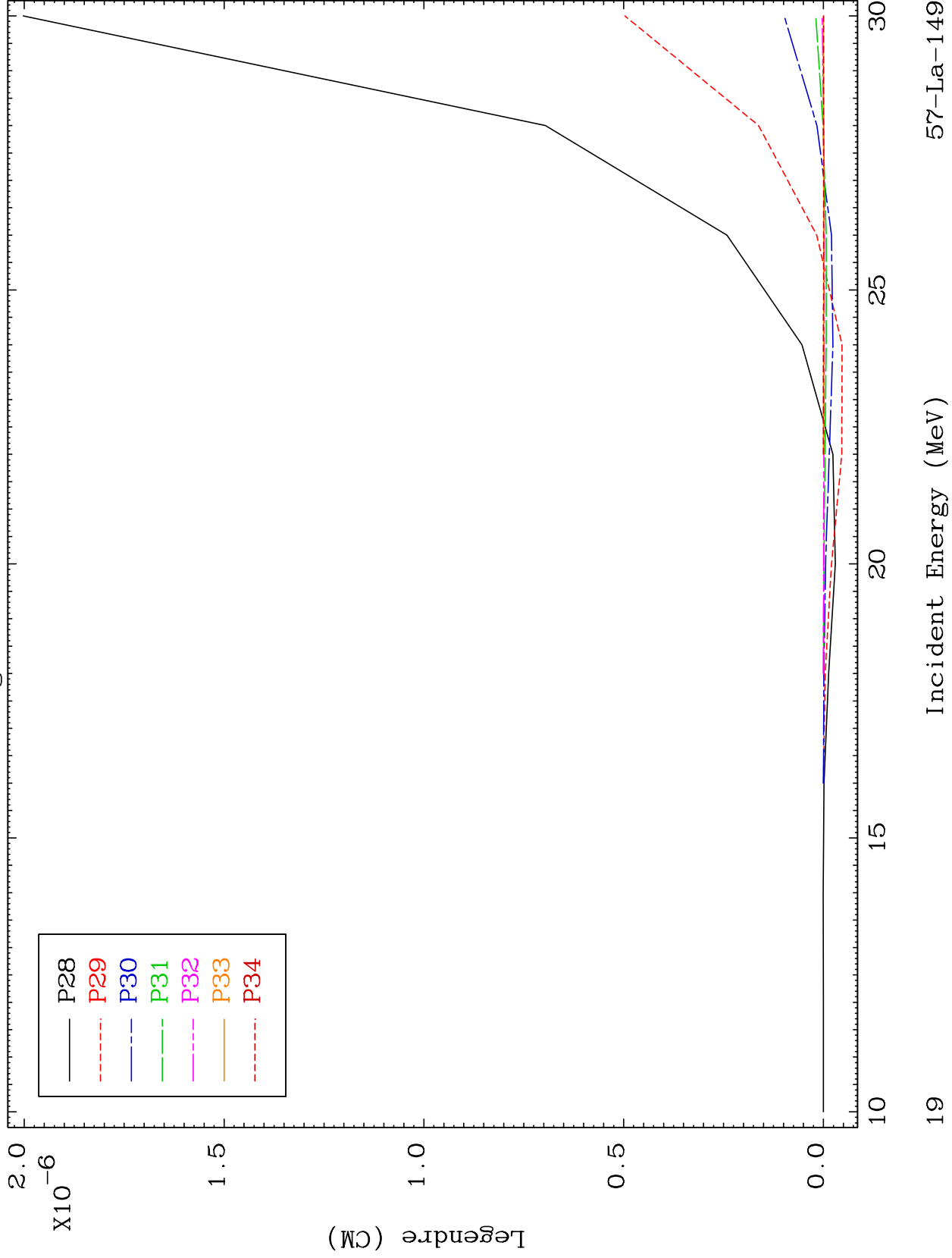
Incident Energy (MeV)

57-La-149

MAT 5758

Elastic Legendre Coefficients

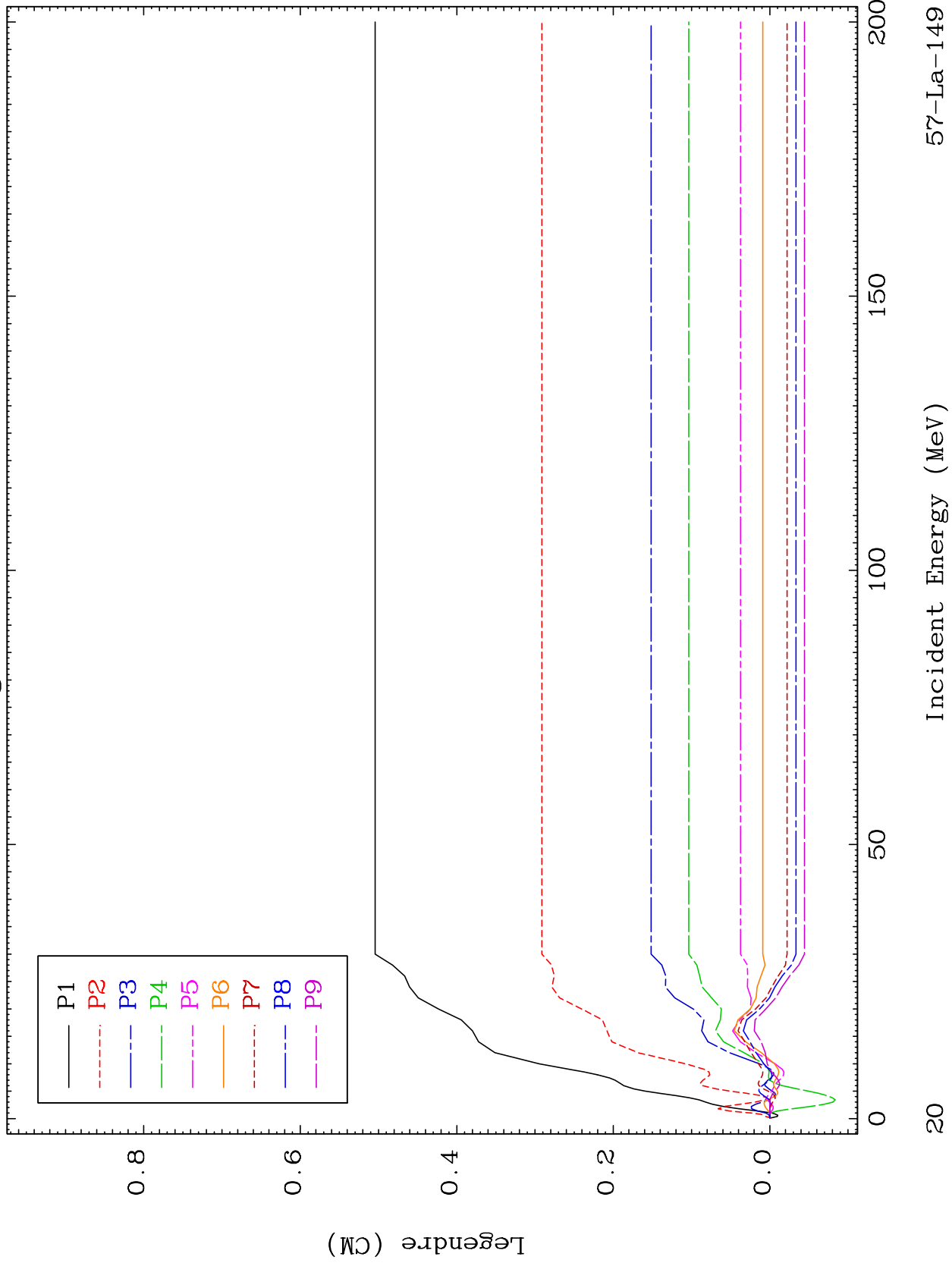
57-La-149



MAT 5758

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

57-La-149



57-La-149

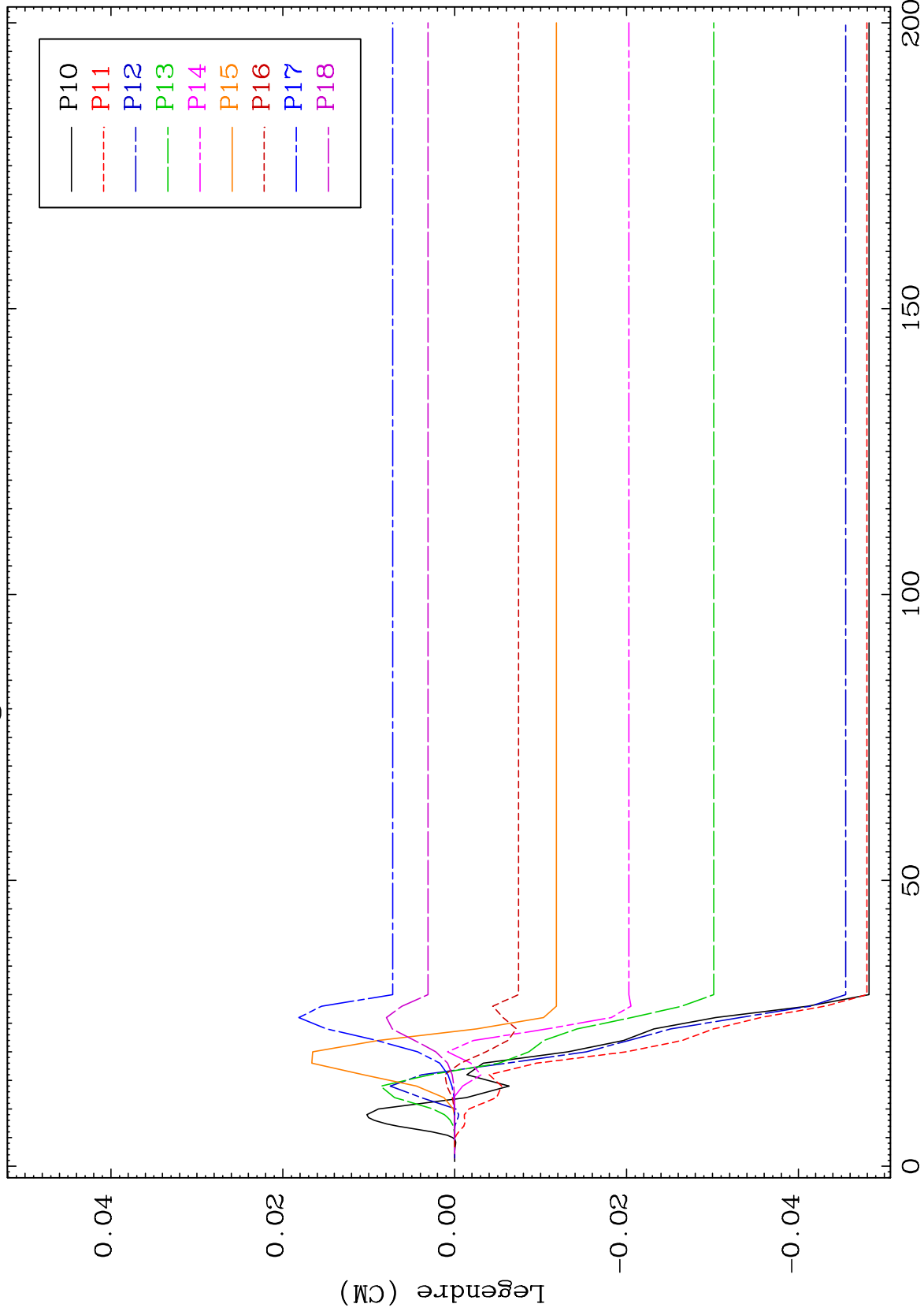
Incident Energy (MeV)

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MAT 5758

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

57-La-149



57-La-149

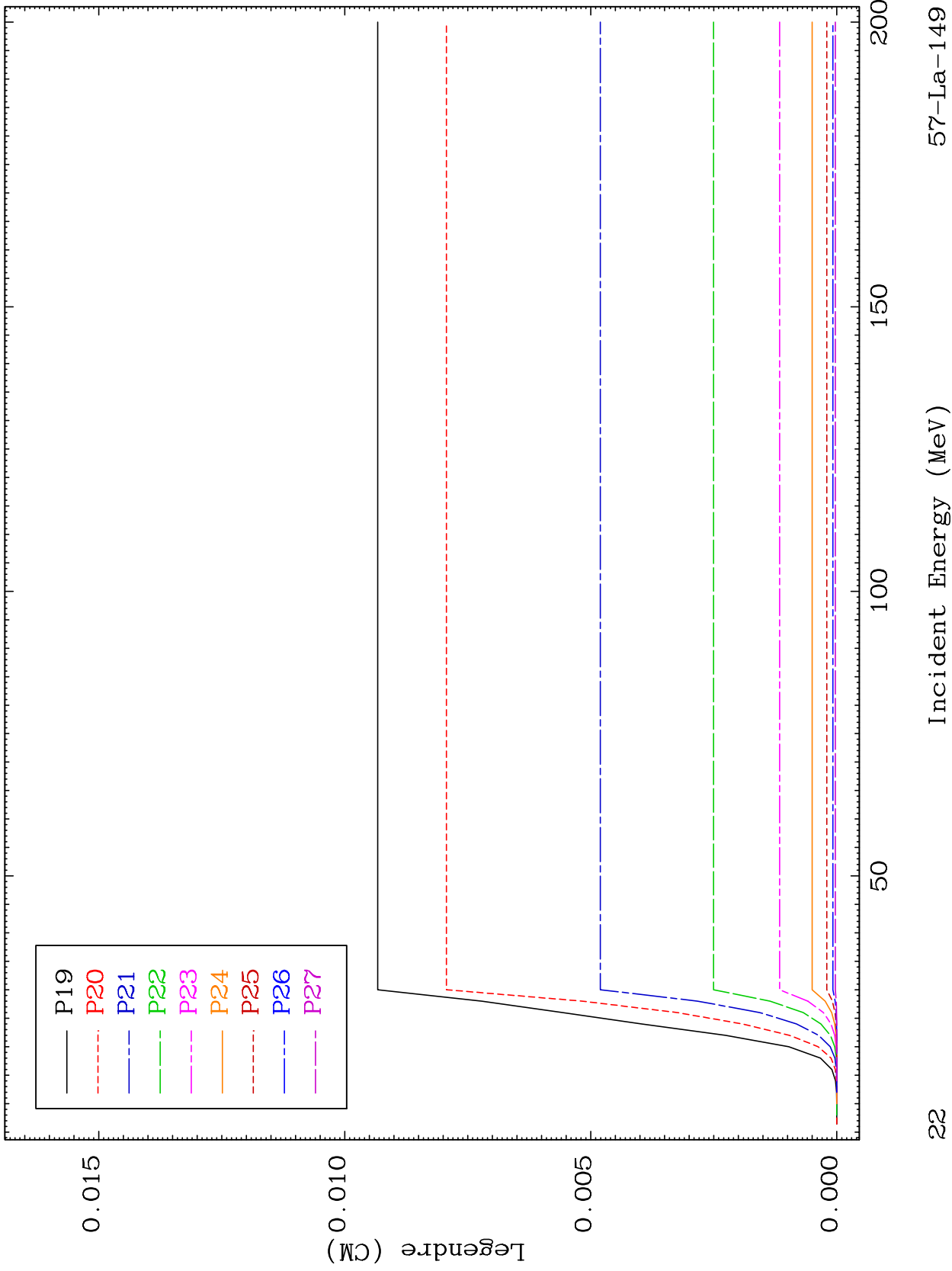
Incident Energy (MeV)

21

MAT 5758

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

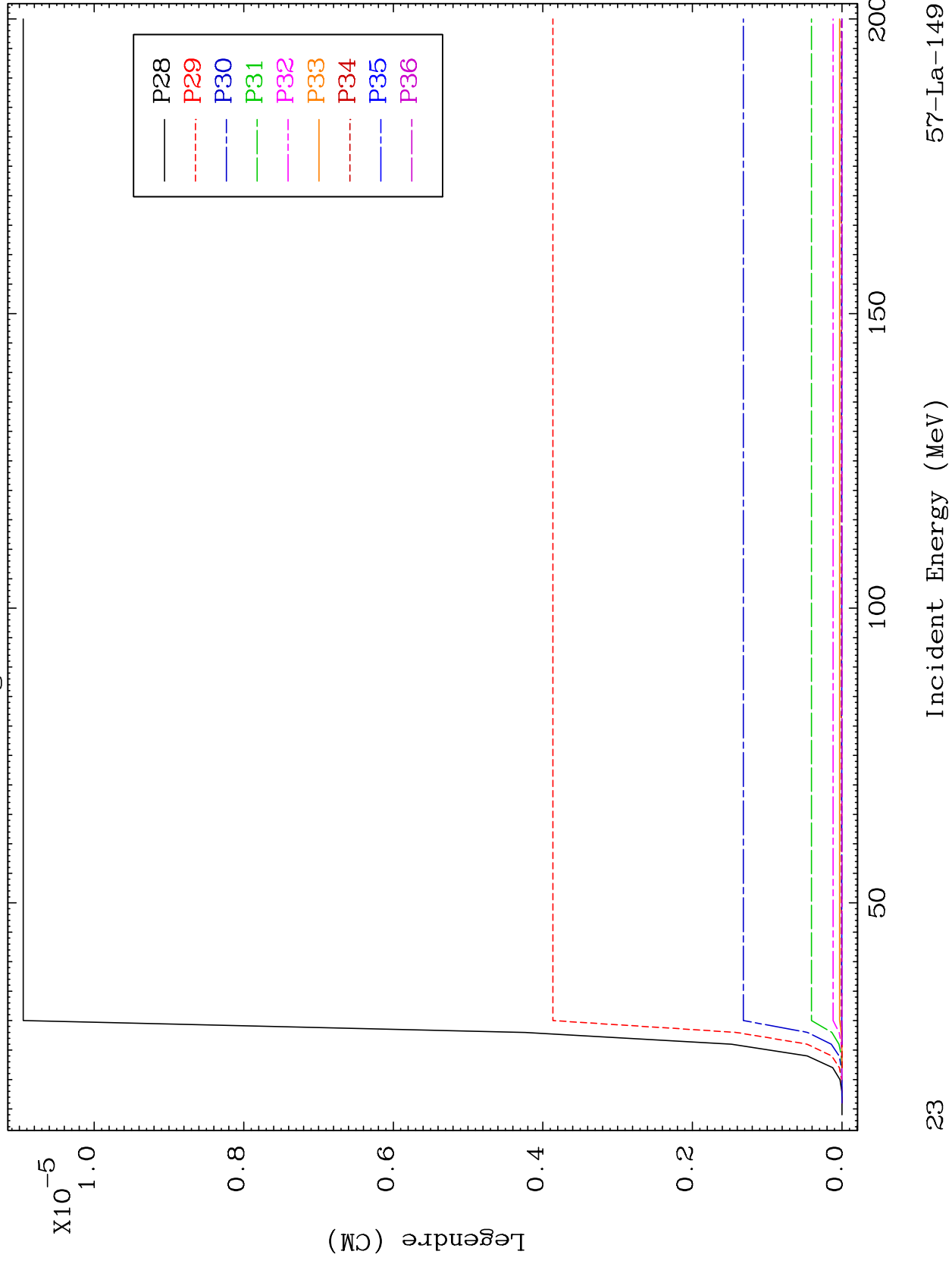
57-La-149



MAT 5758

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

57-La-149

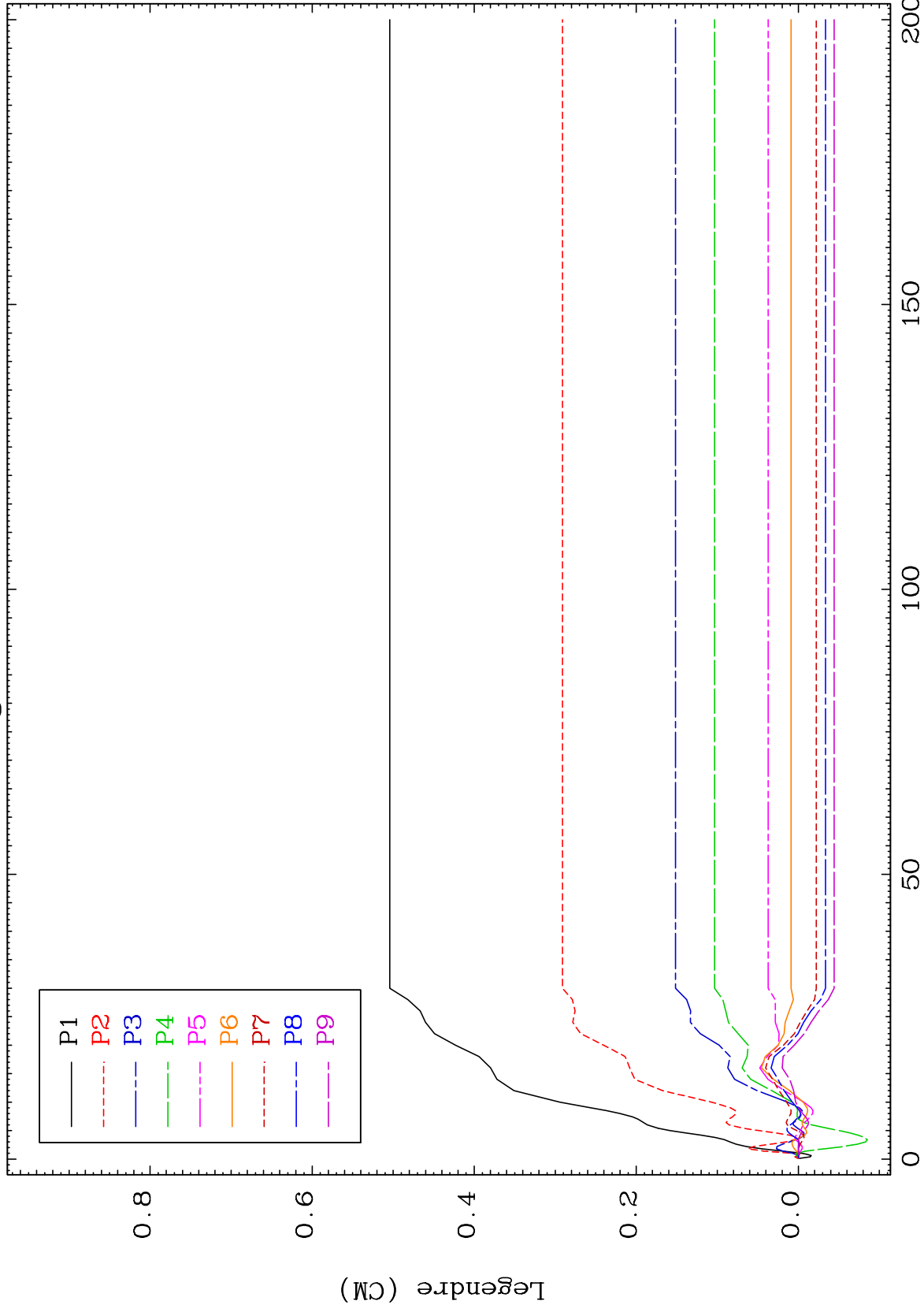




MAT 5758

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

57-La-149



57-La-149

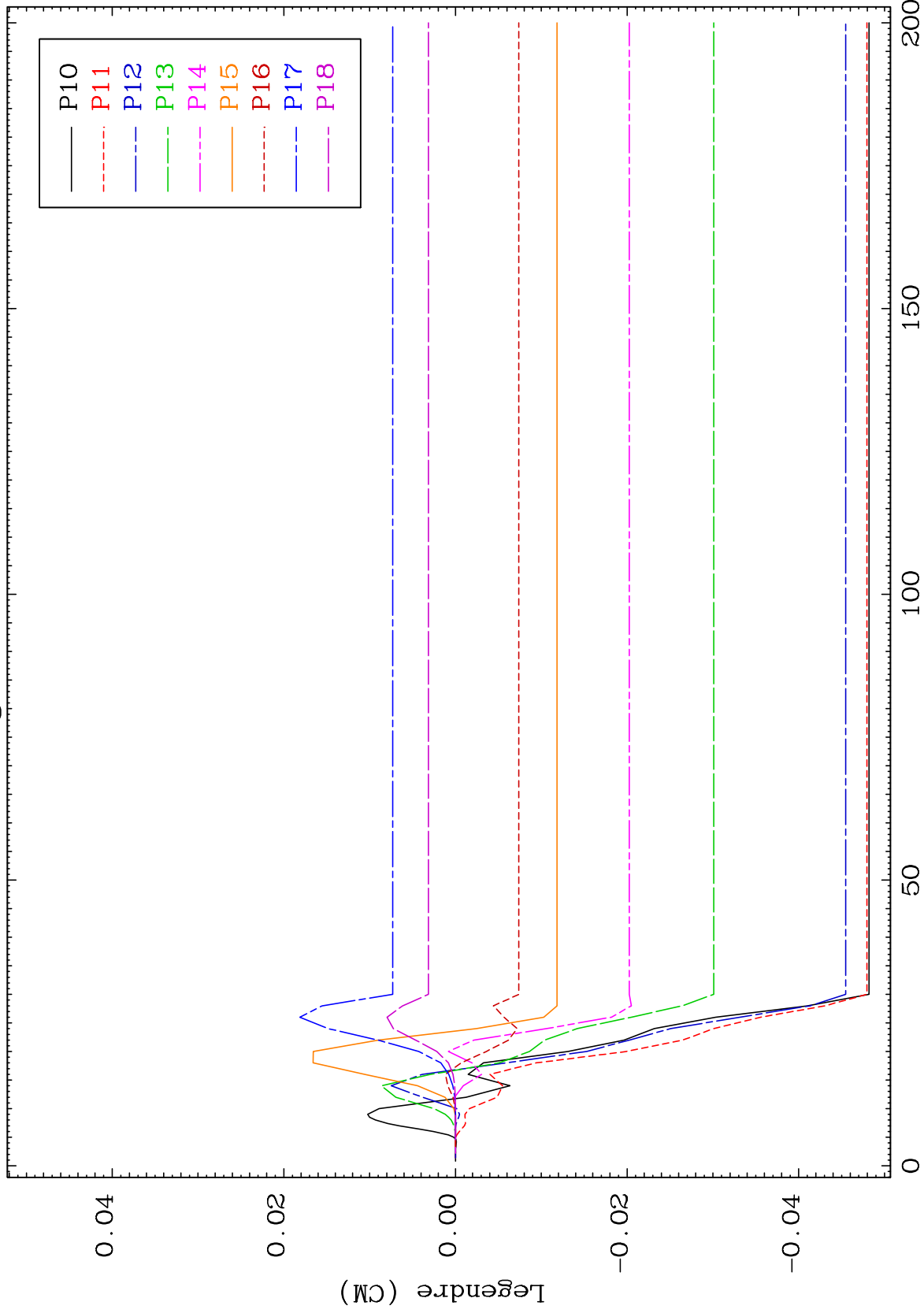
Incident Energy (MeV)

24

MAT 5758

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

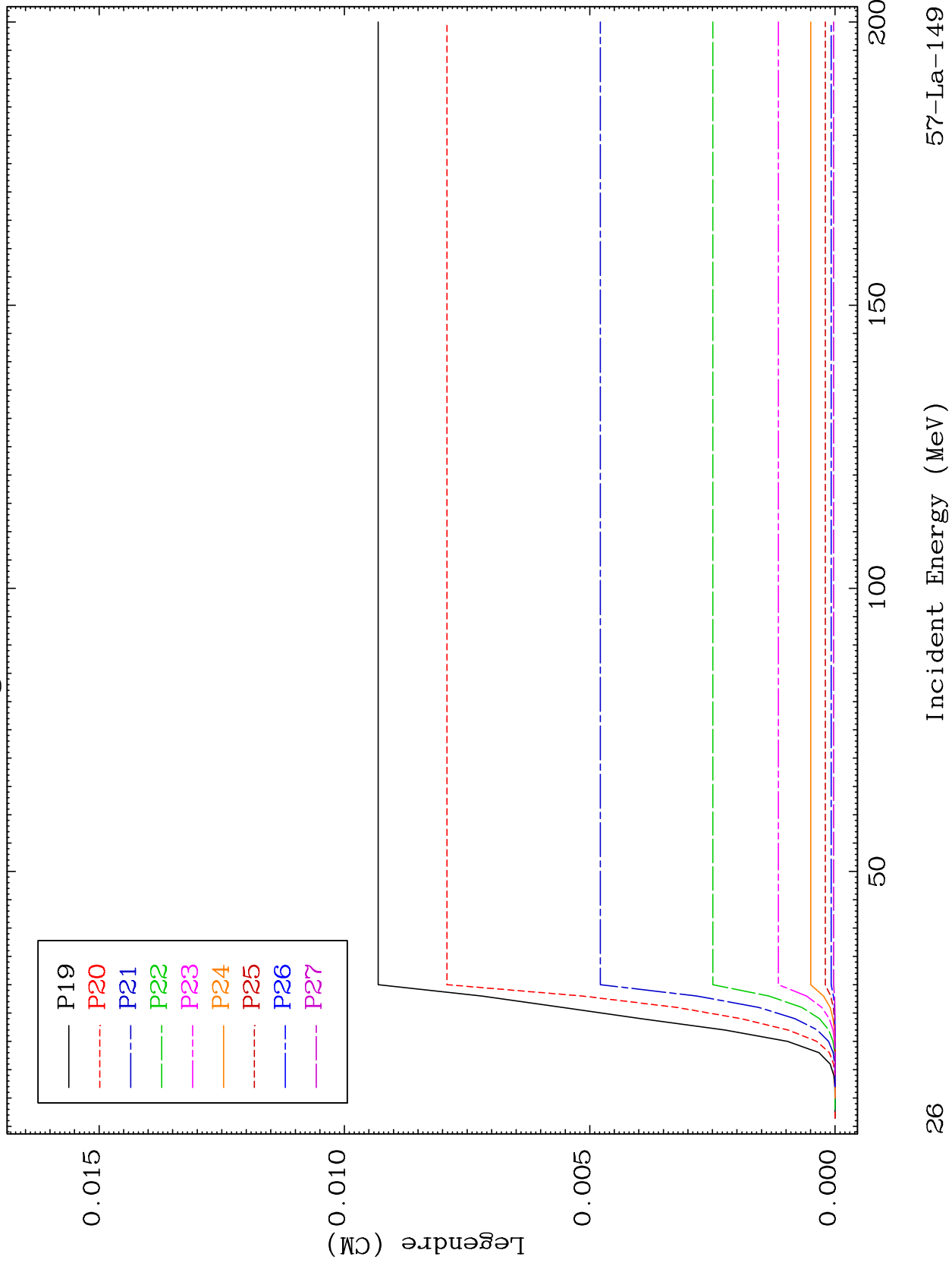
57-La-149



57-La-149

Incident Energy (MeV)

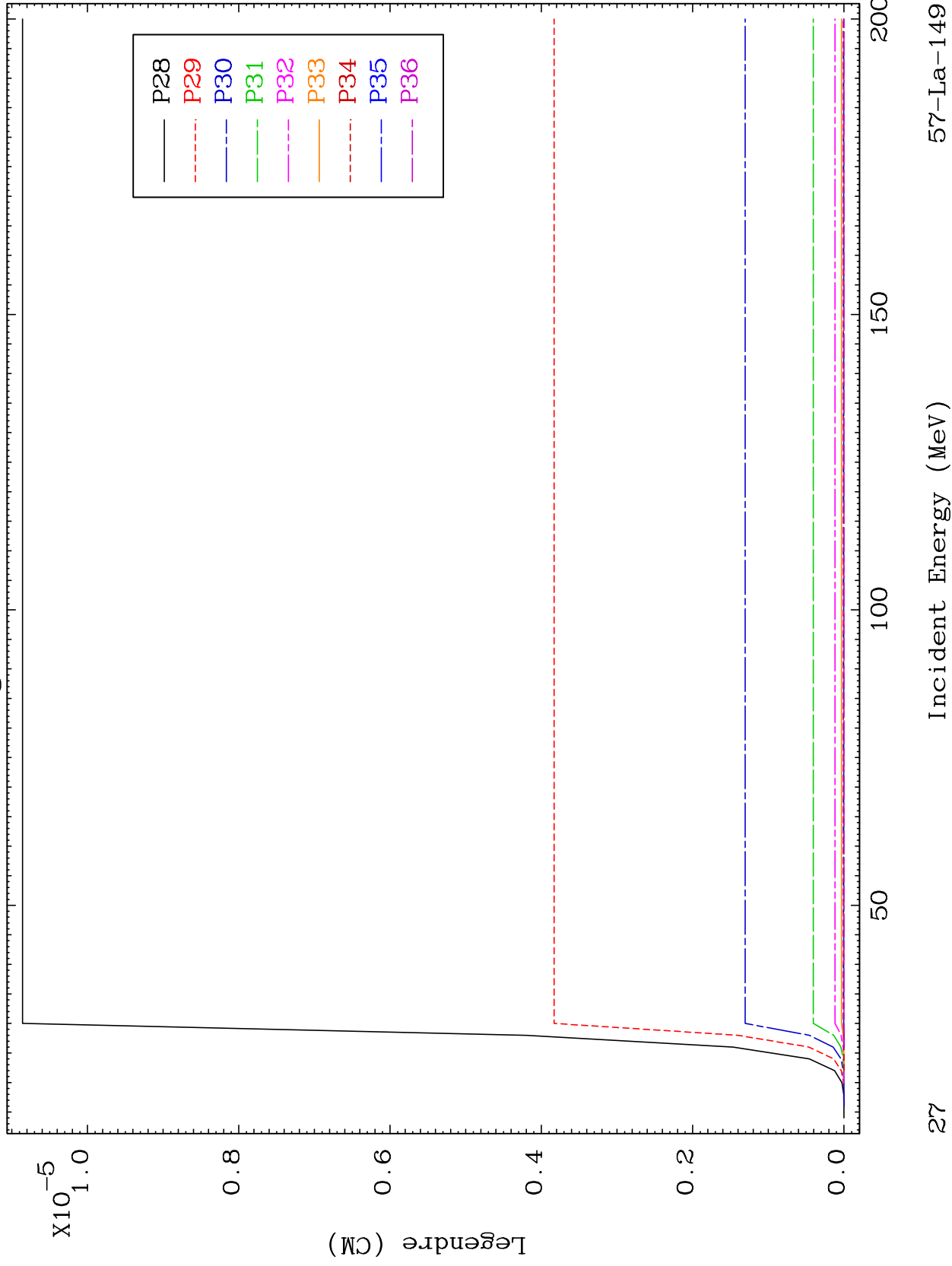
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MAT 5758

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

57-La-149



27

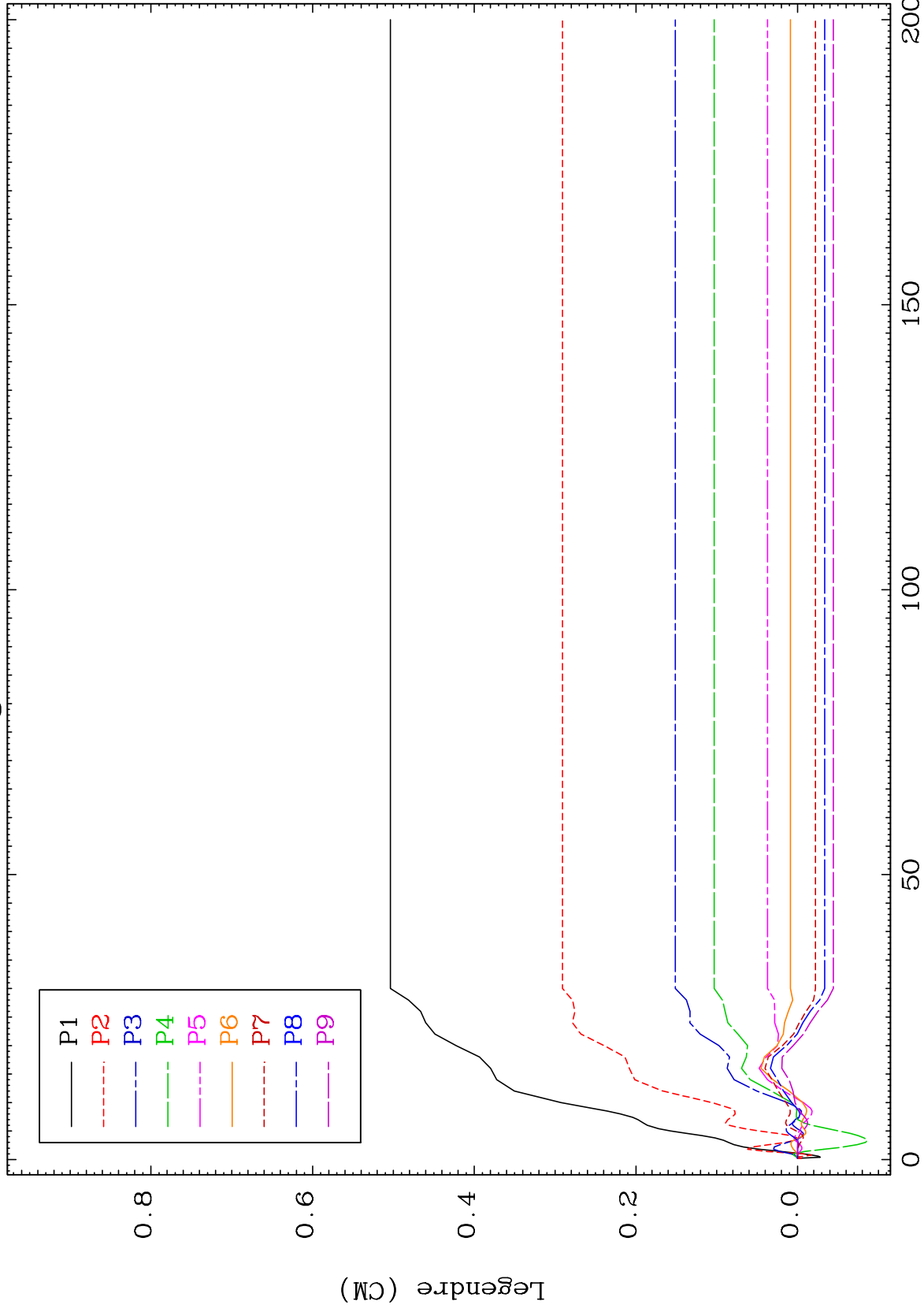
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



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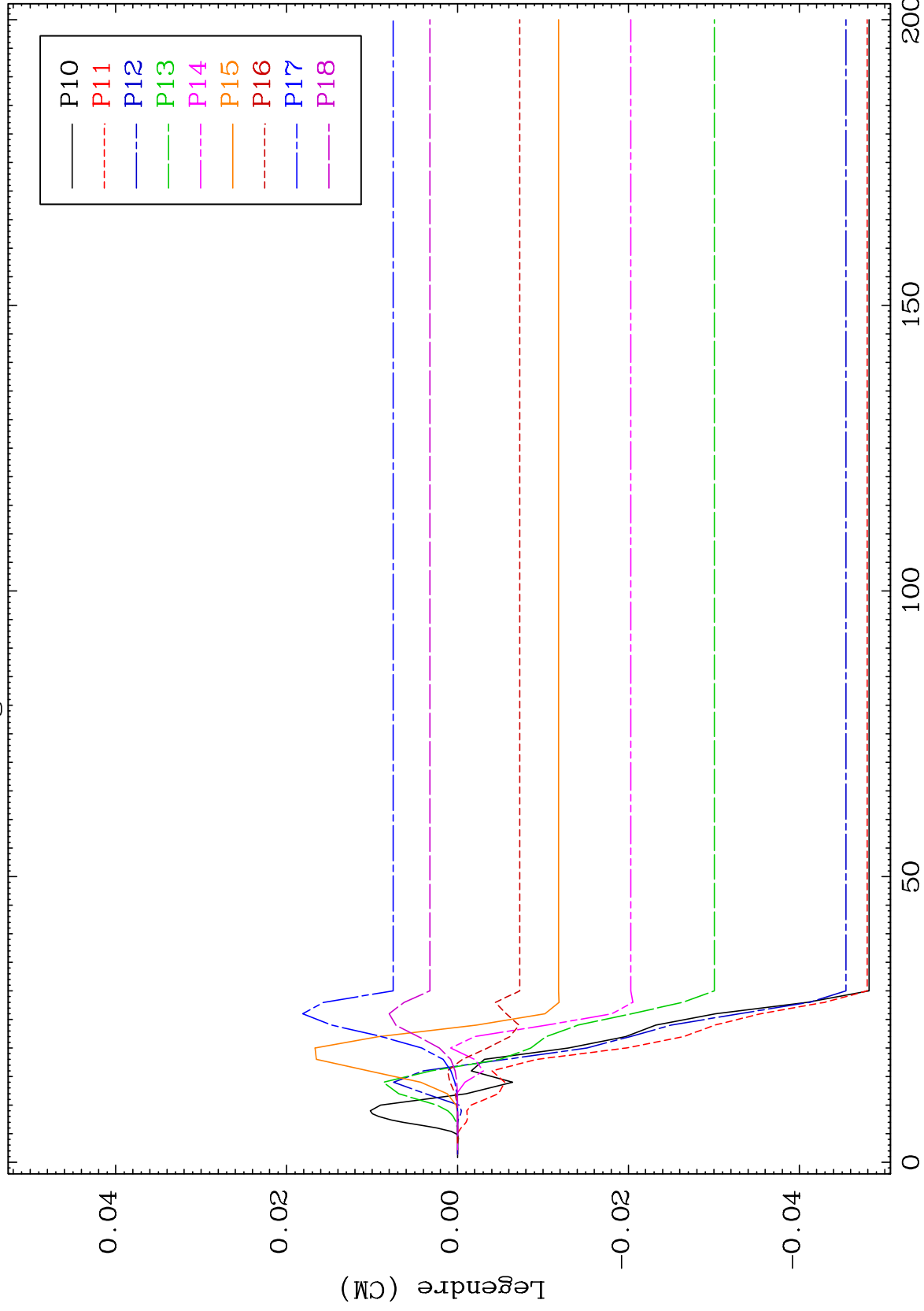
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



29

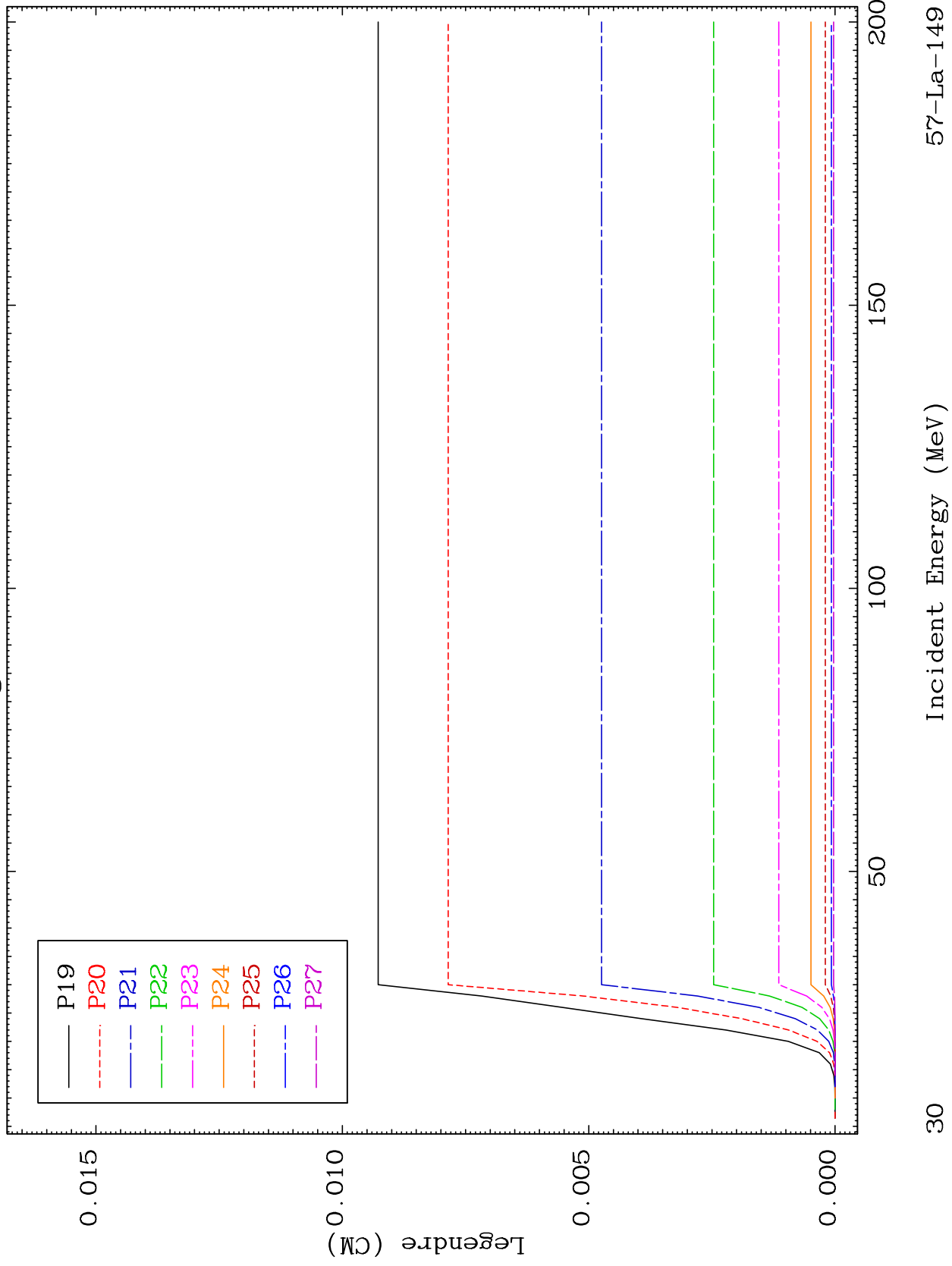
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

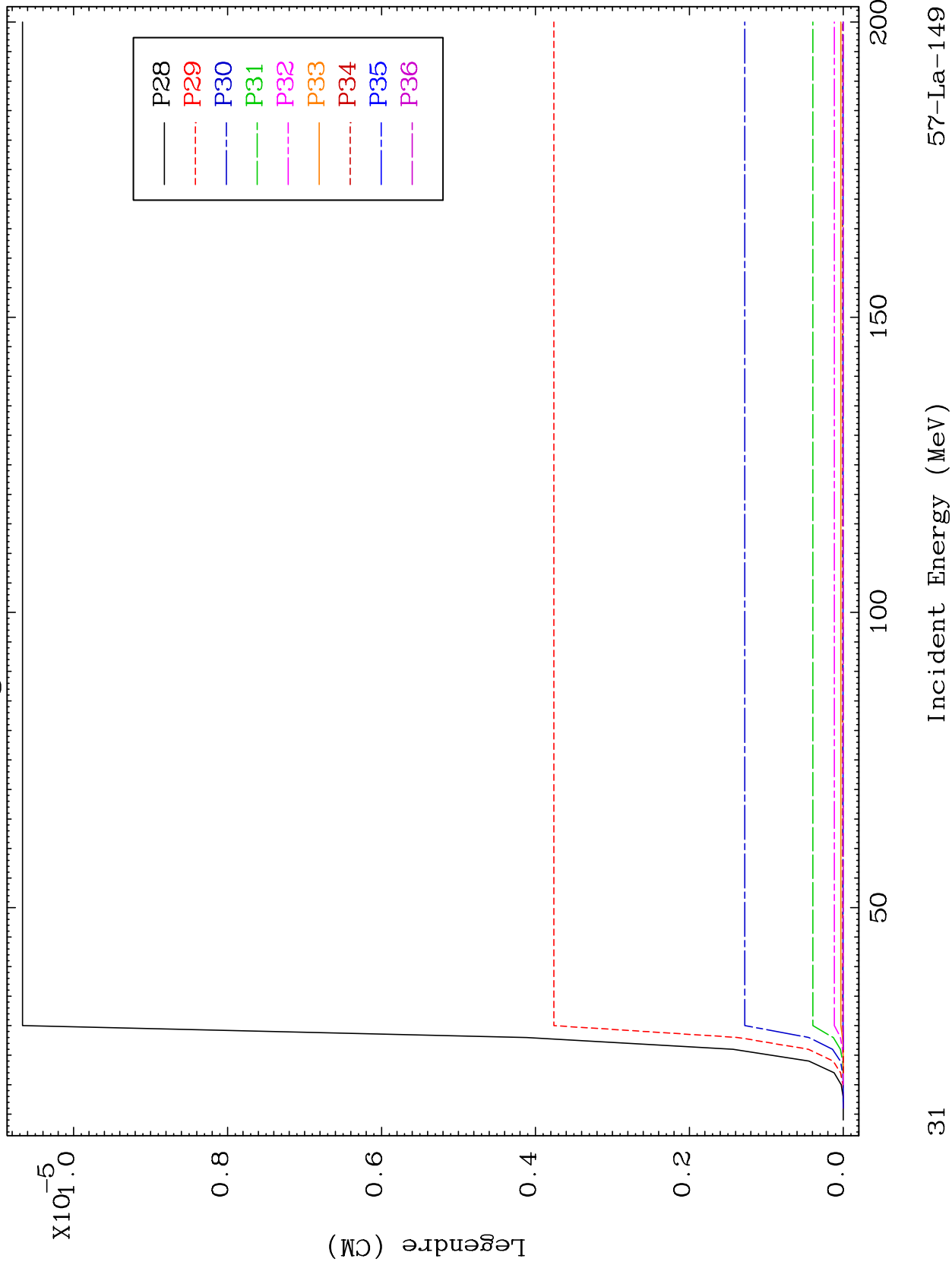
Incident Energy (MeV)

30

MAT 5758

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

57-La-149



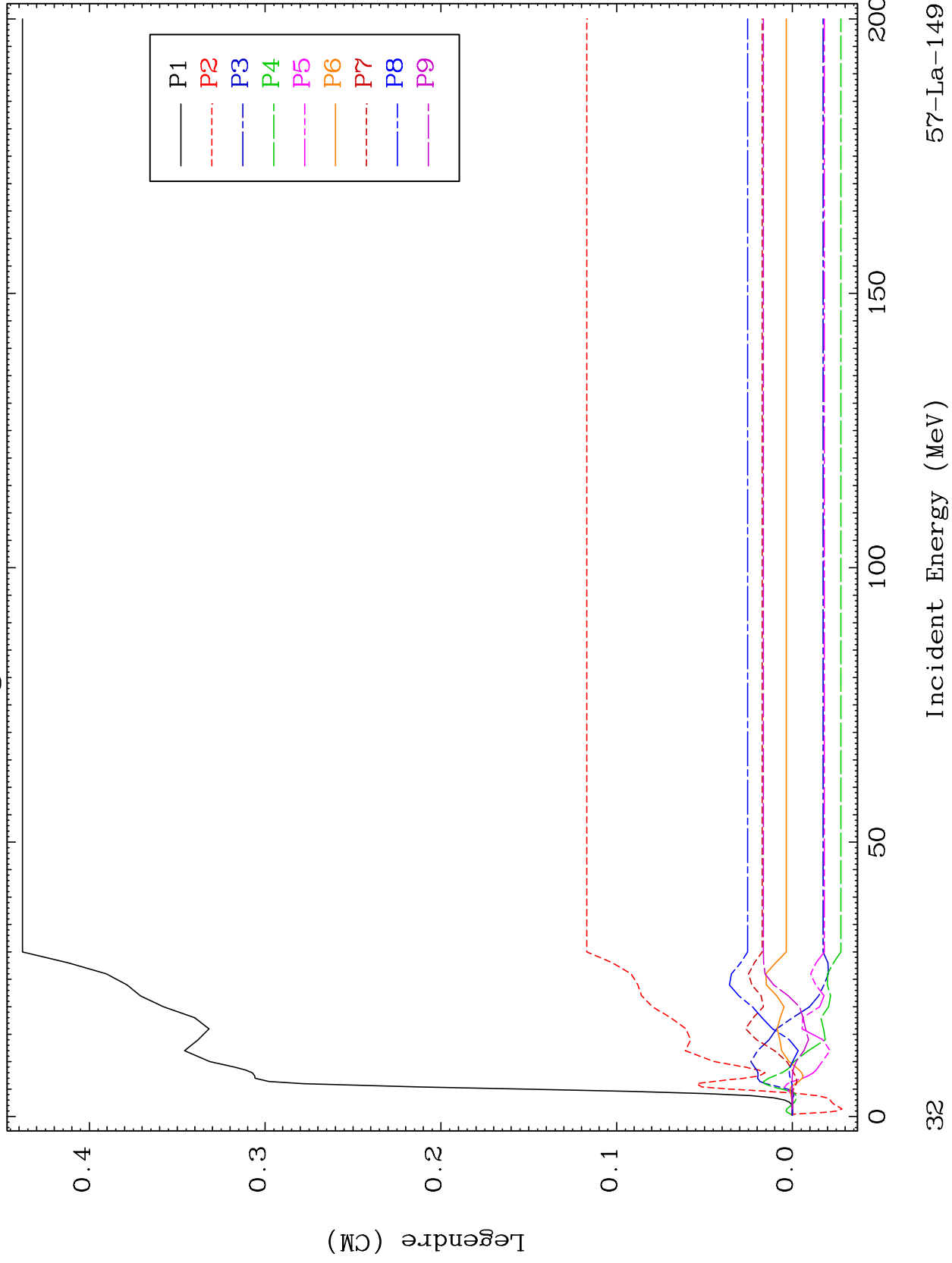
31



MAT 5758

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

57-La-149



57-La-149

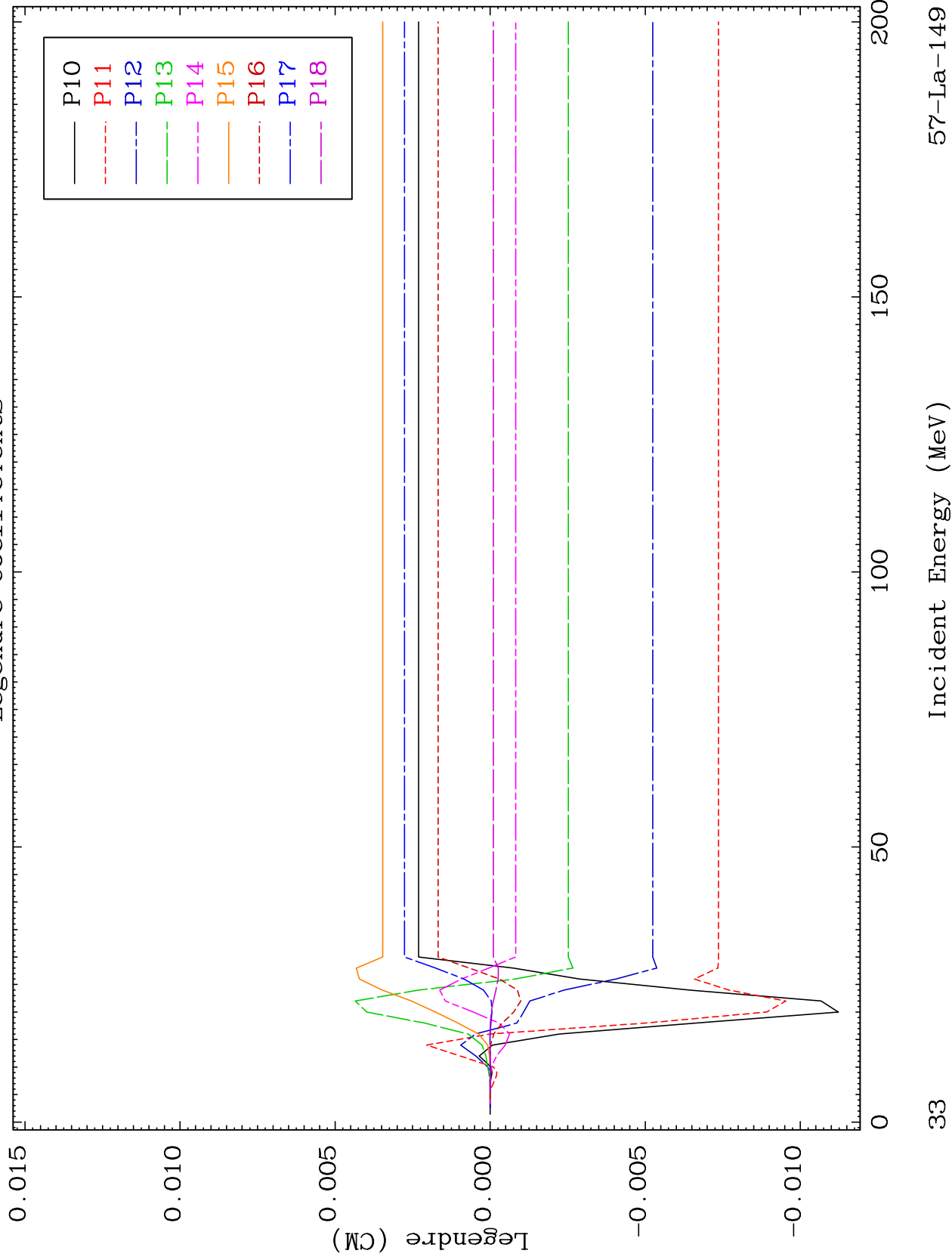
Incident Energy (MeV)

32

MAT 5758

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

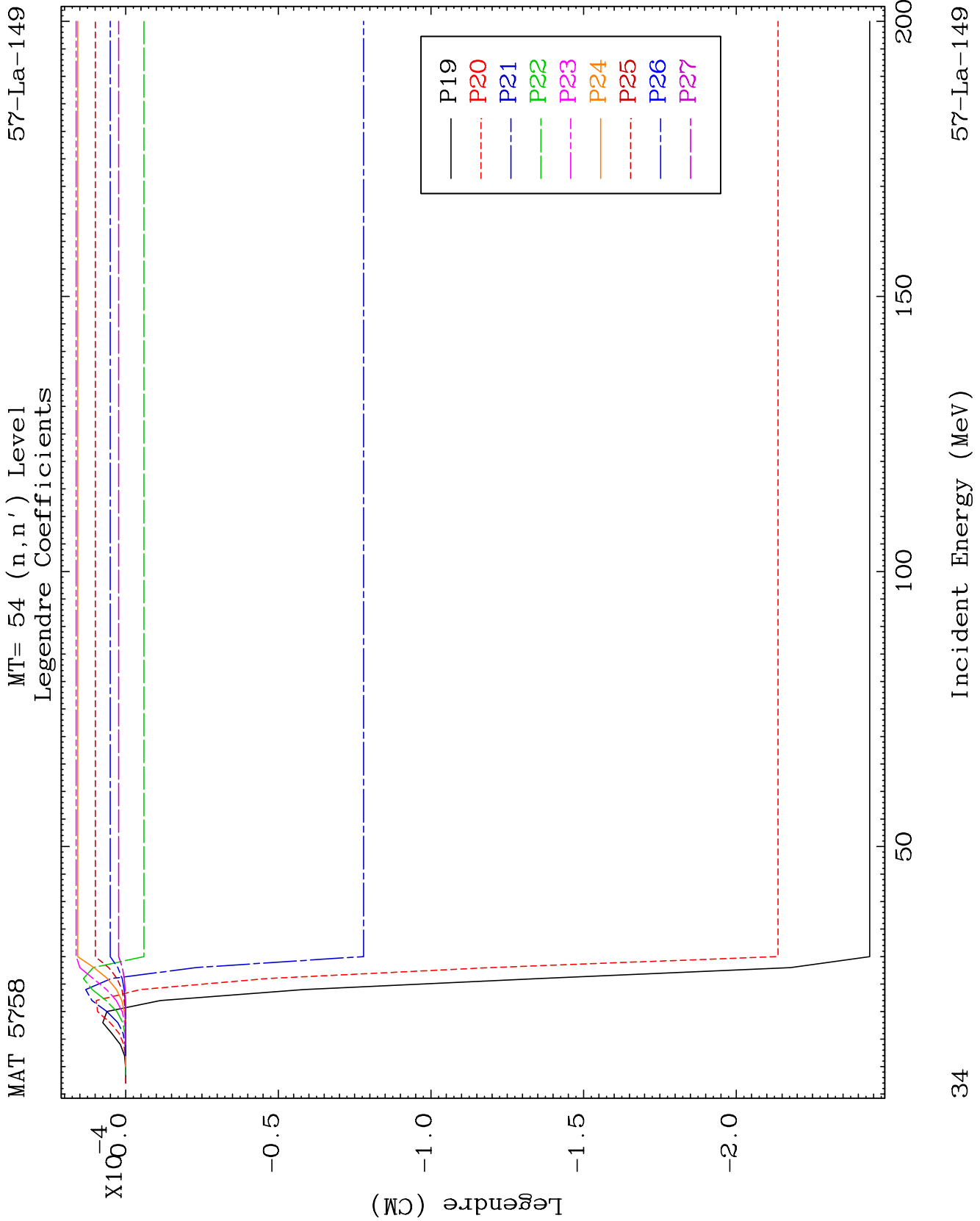
57-La-149



33

Incident Energy (MeV)

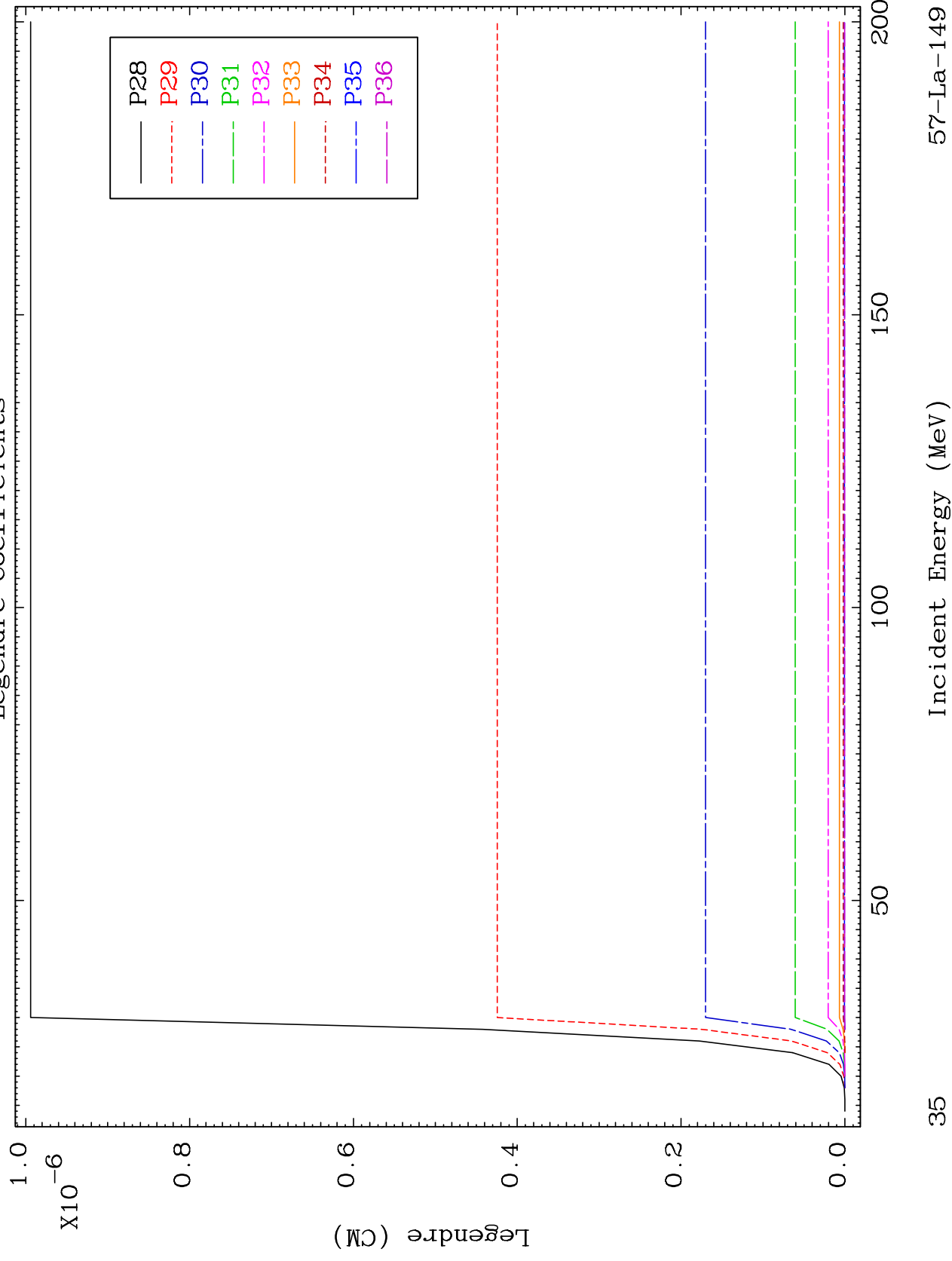
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MAT 5758

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

57-La-149



57-La-149

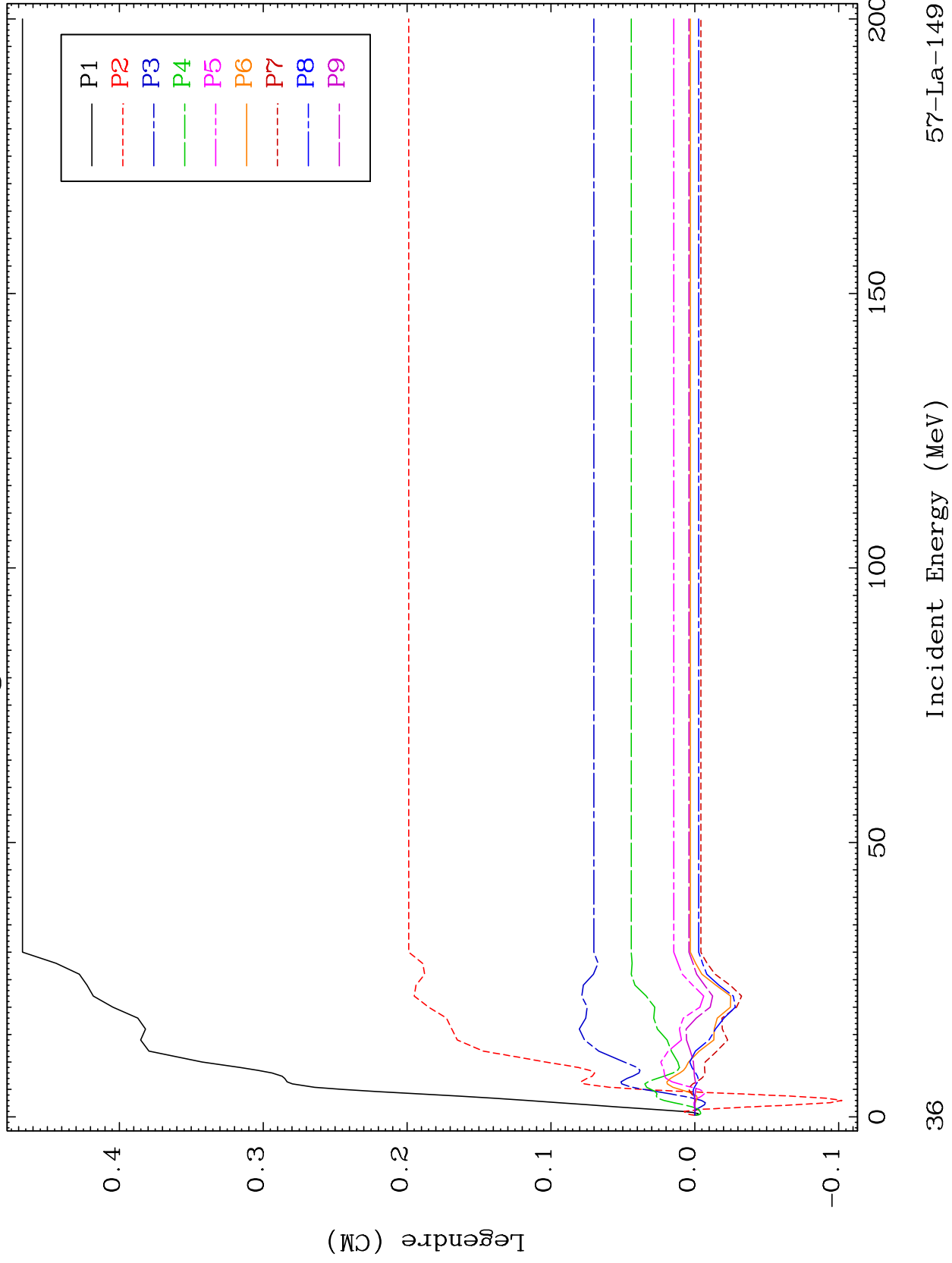
Incident Energy (MeV)

35

MAT 5758

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

57-La-149



57-La-149

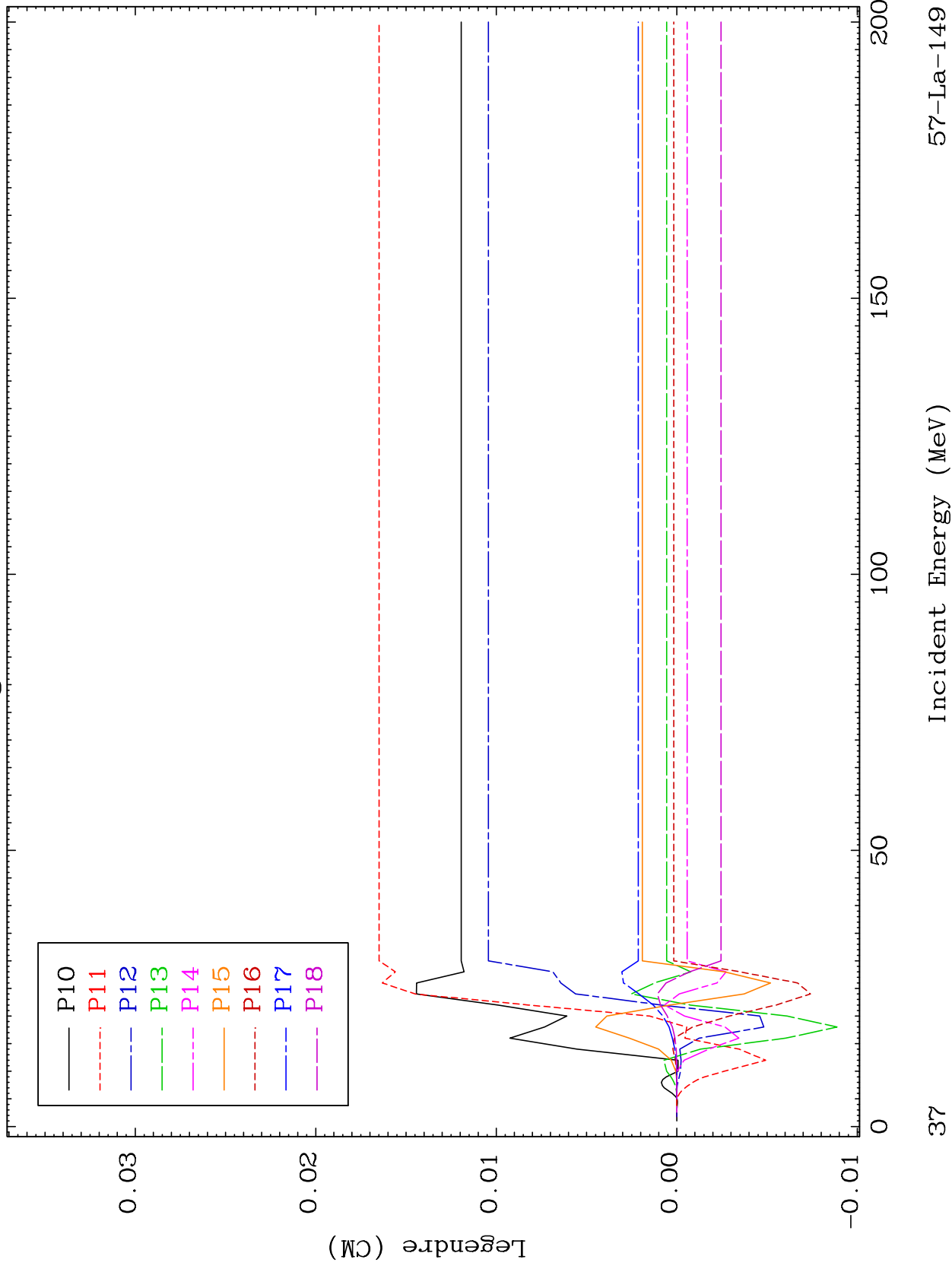
Incident Energy (MeV)

36

MAT 5758

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

57-La-149



37

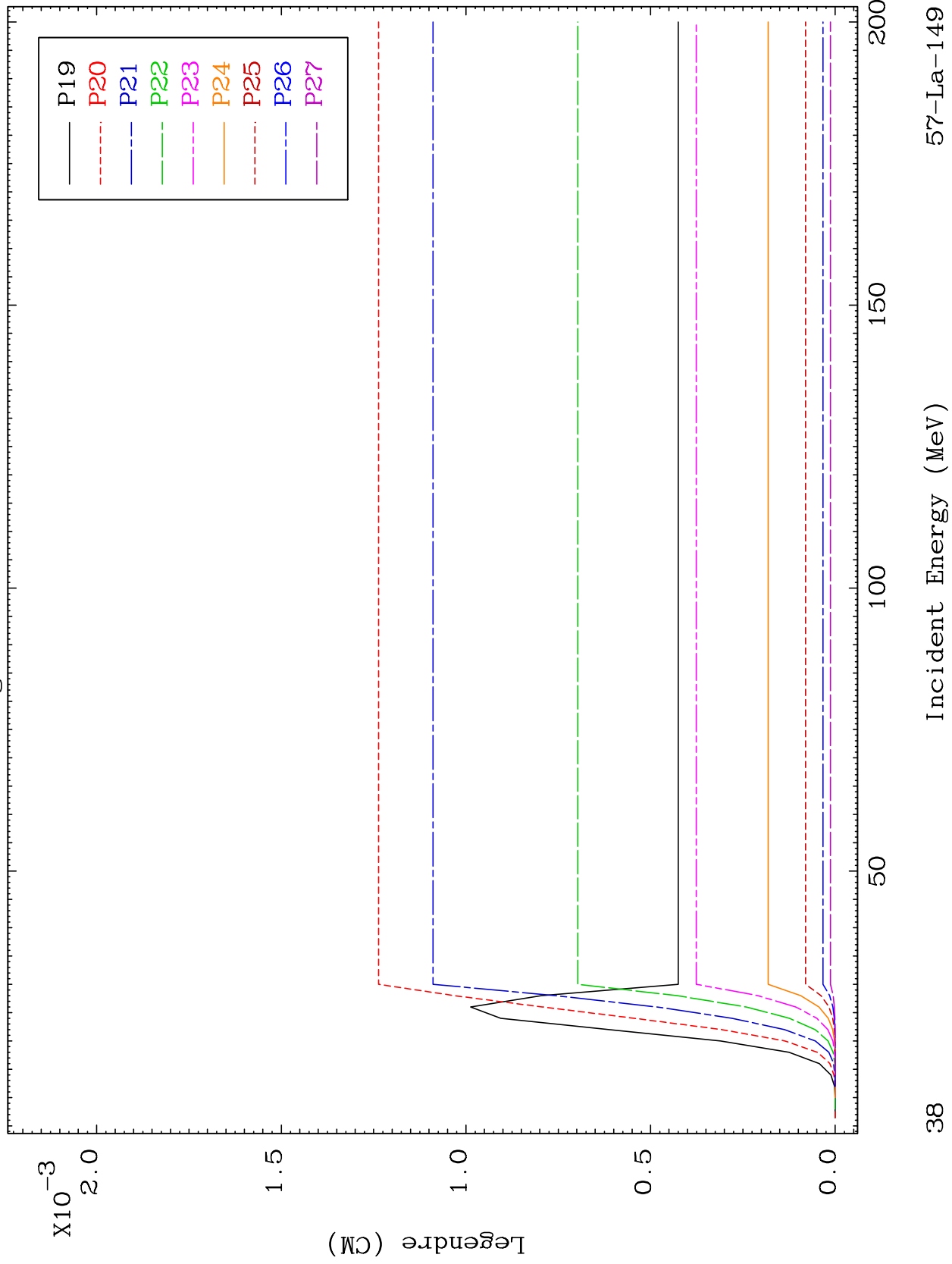
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



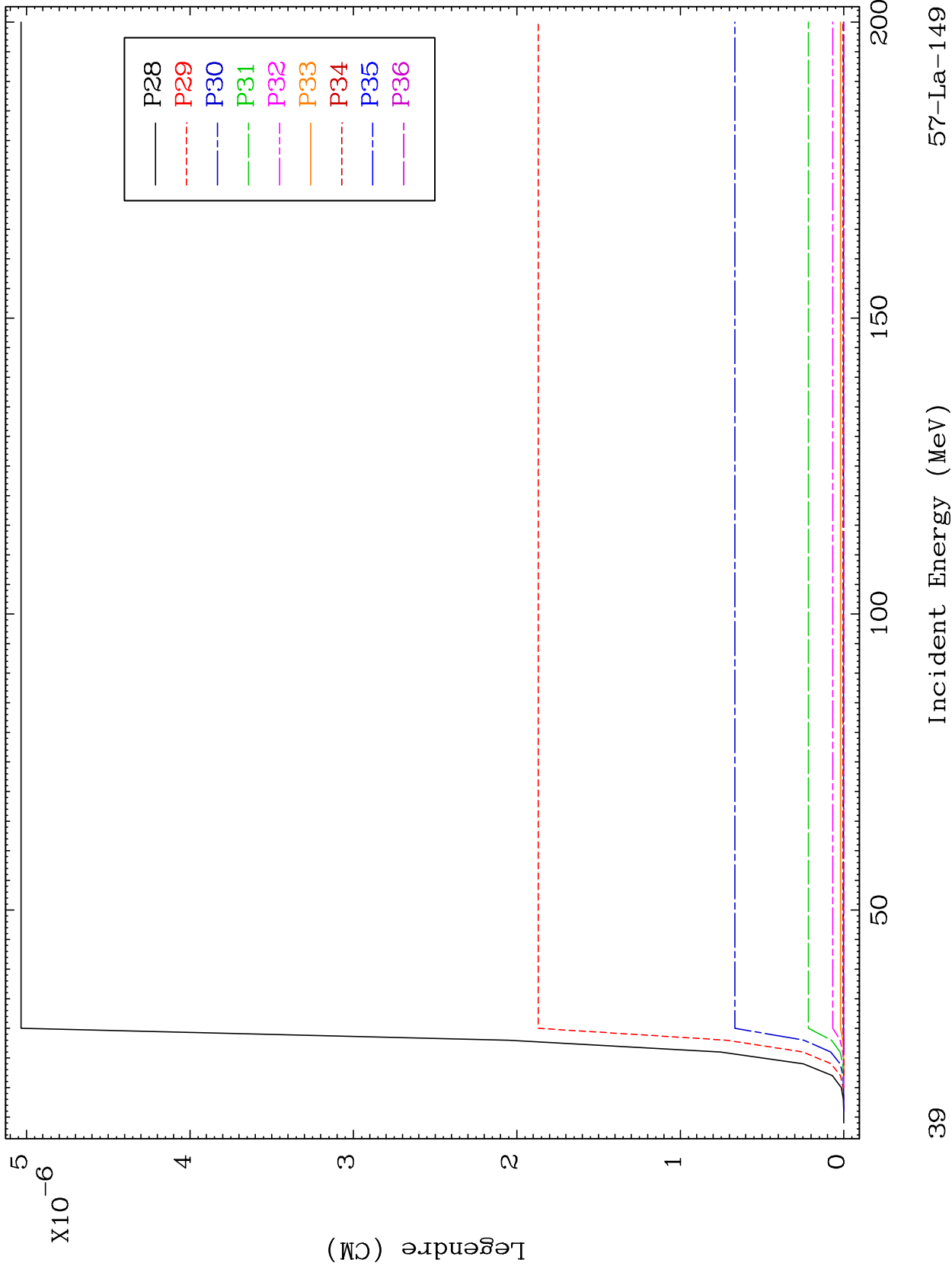
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57-La-149

MAT 5758

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

57-La-149



39

Incident Energy (MeV)

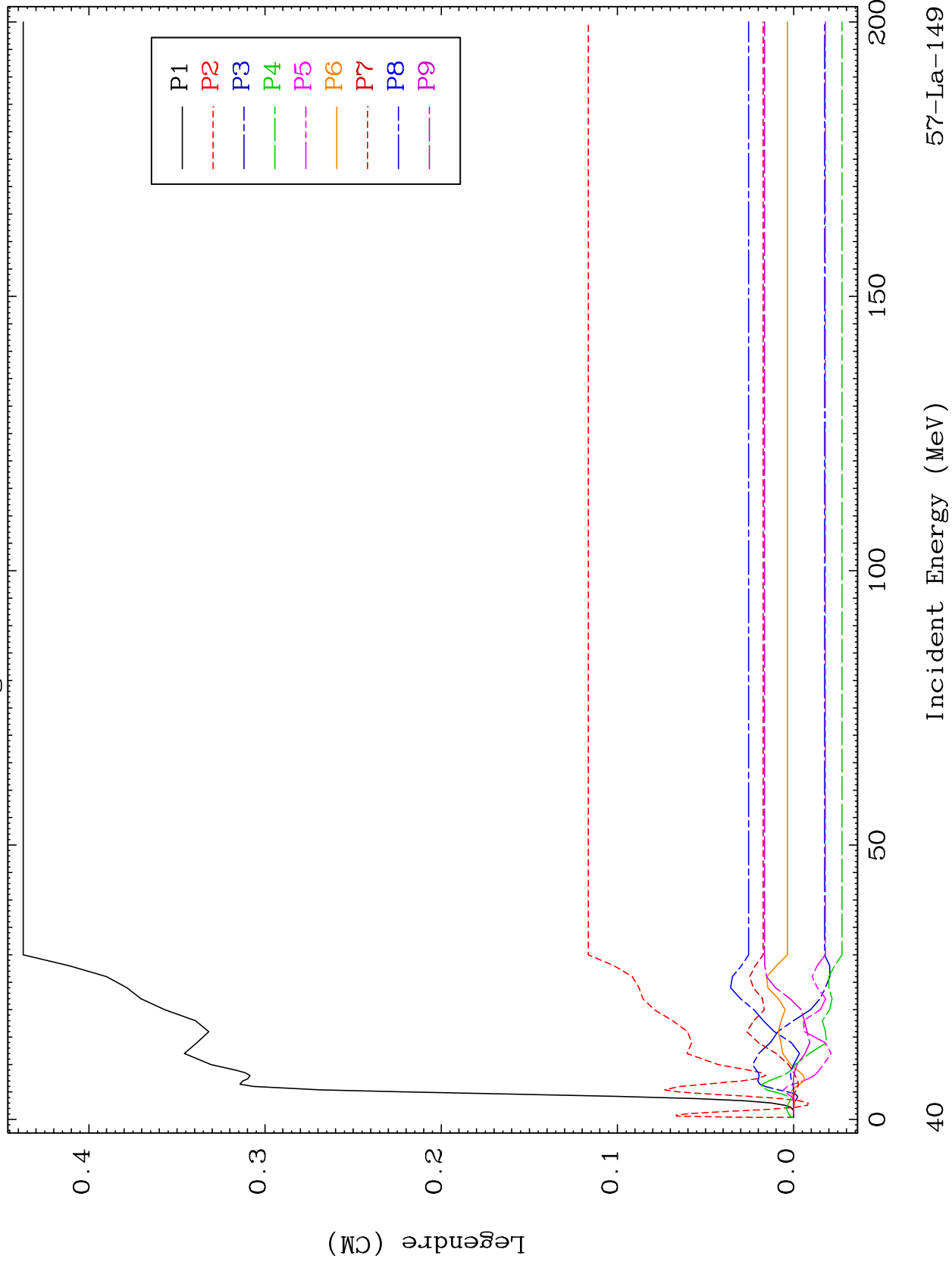
57-La-149



MAT 5758

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

57-La-149

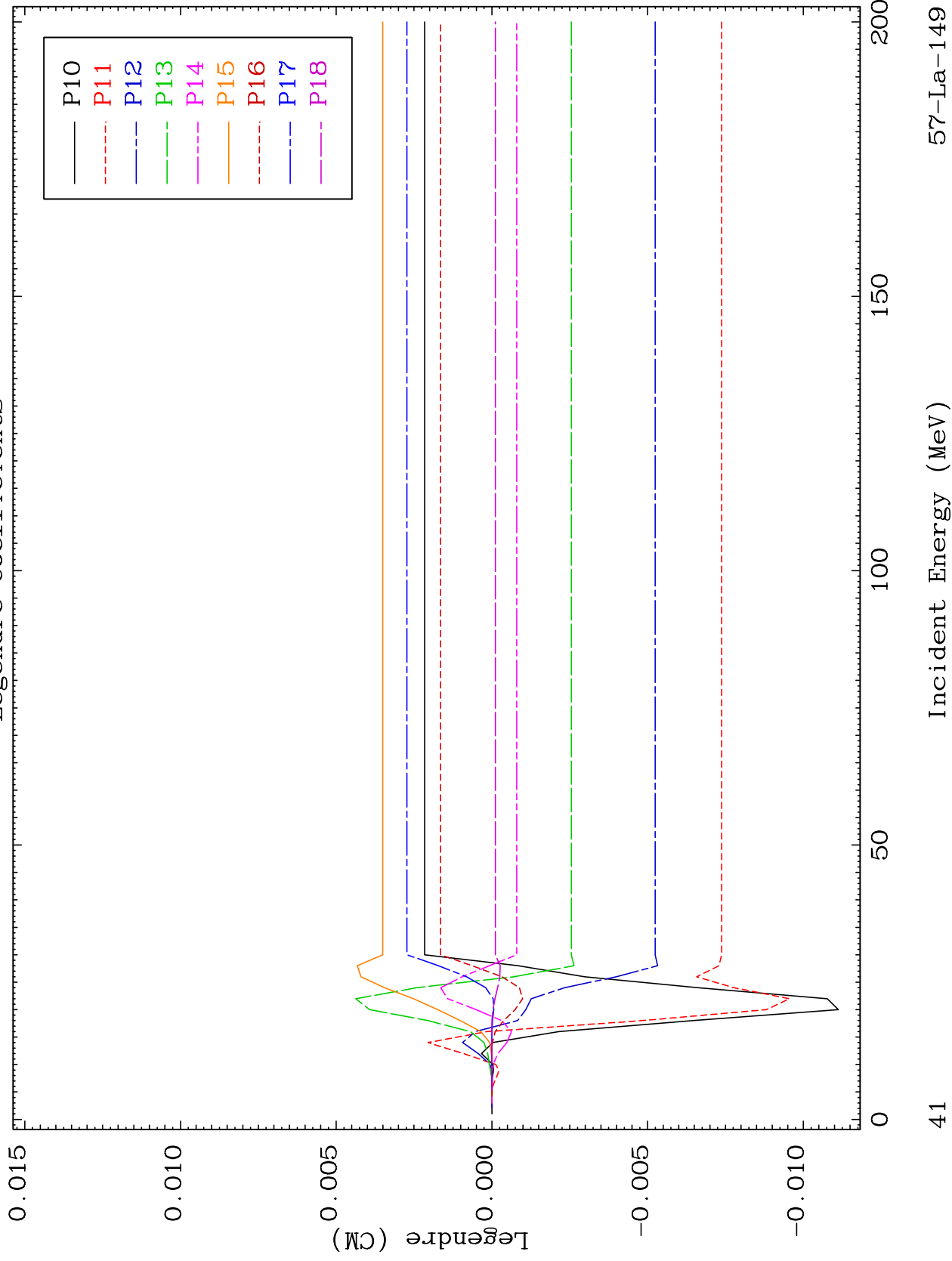


57-La-149

MAT 5758

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

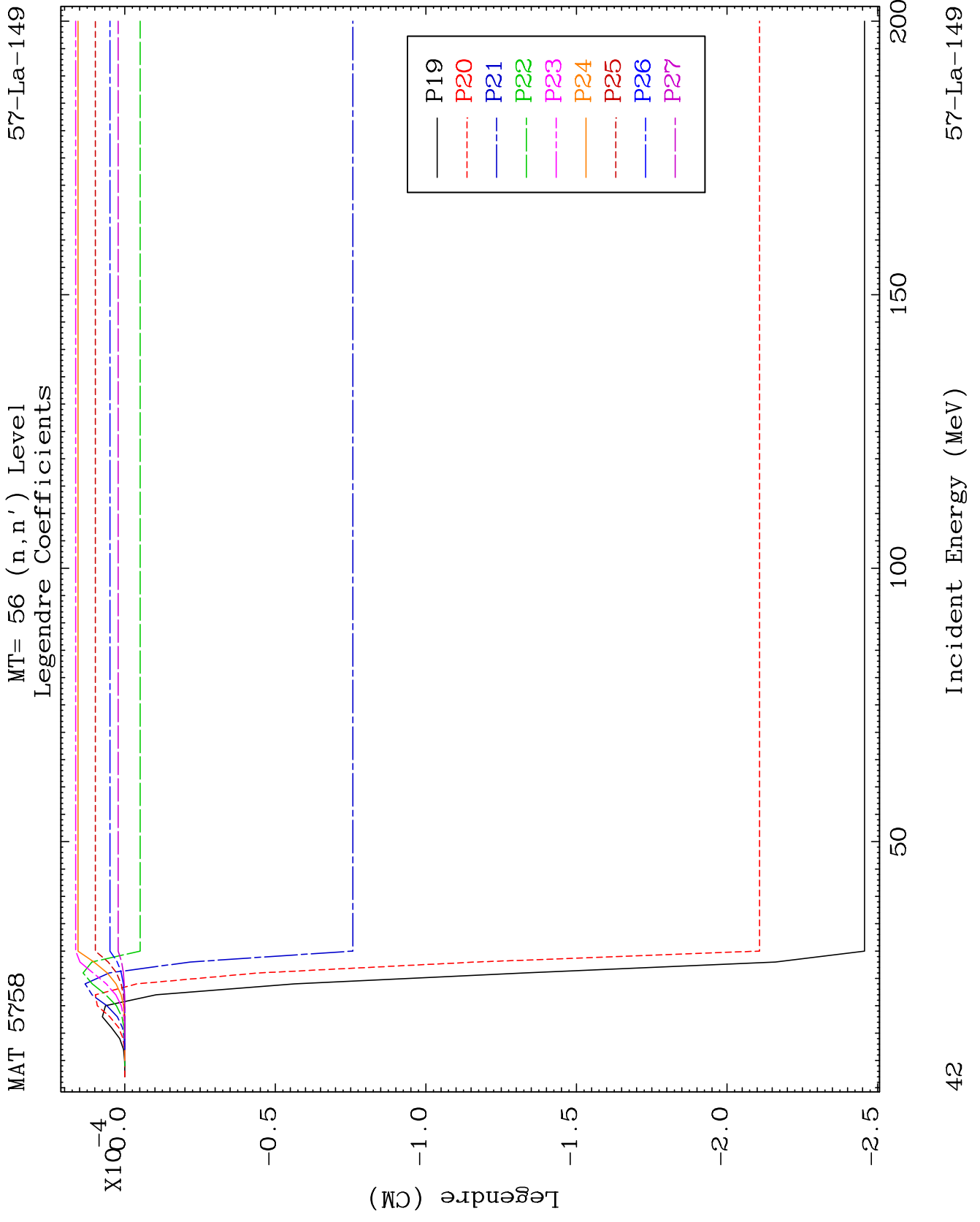
57-La-149



41

Incident Energy (MeV)

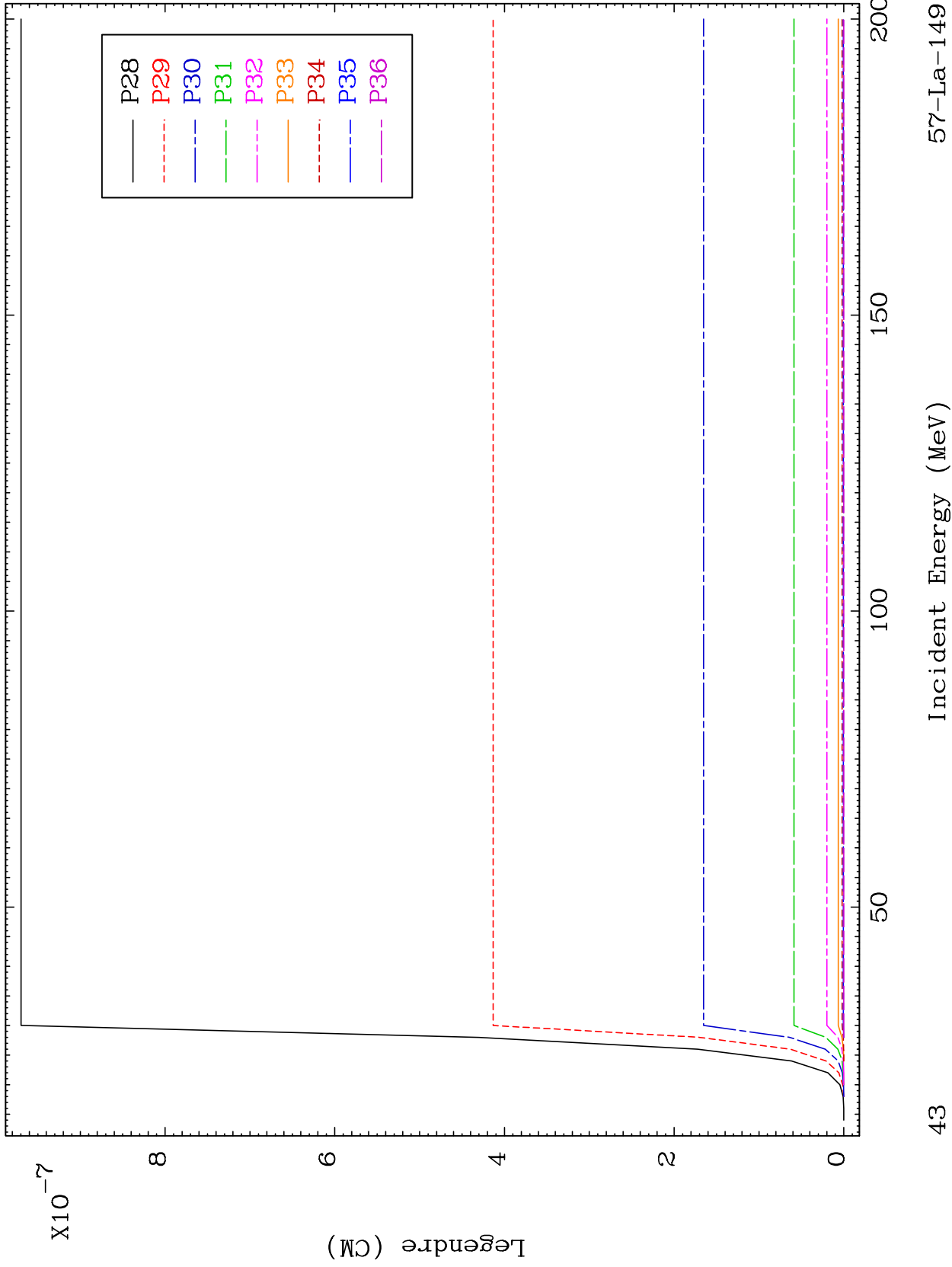
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MAT 5758

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

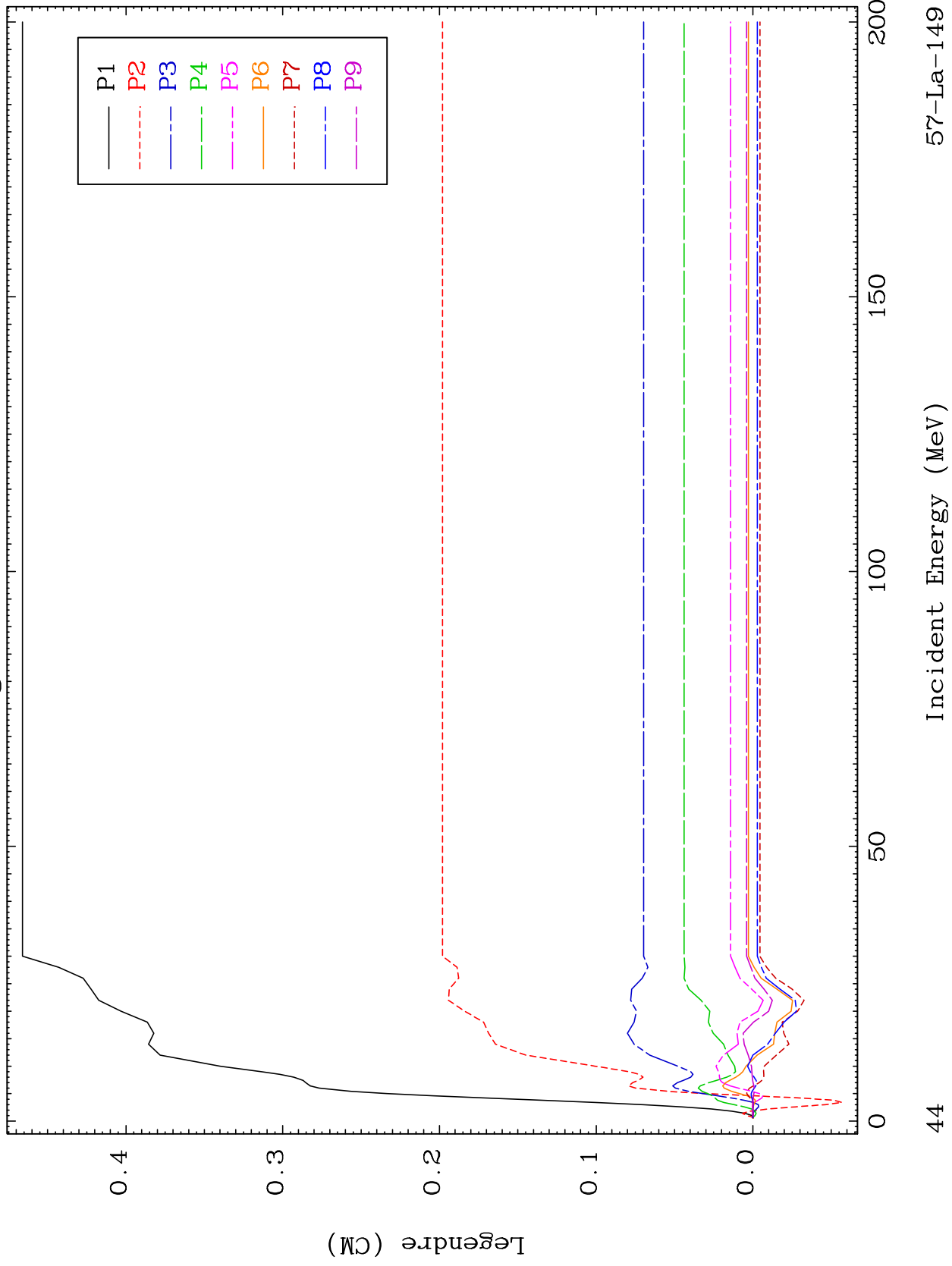
57-La-149



MAT 5758

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

57-La-149



57-La-149

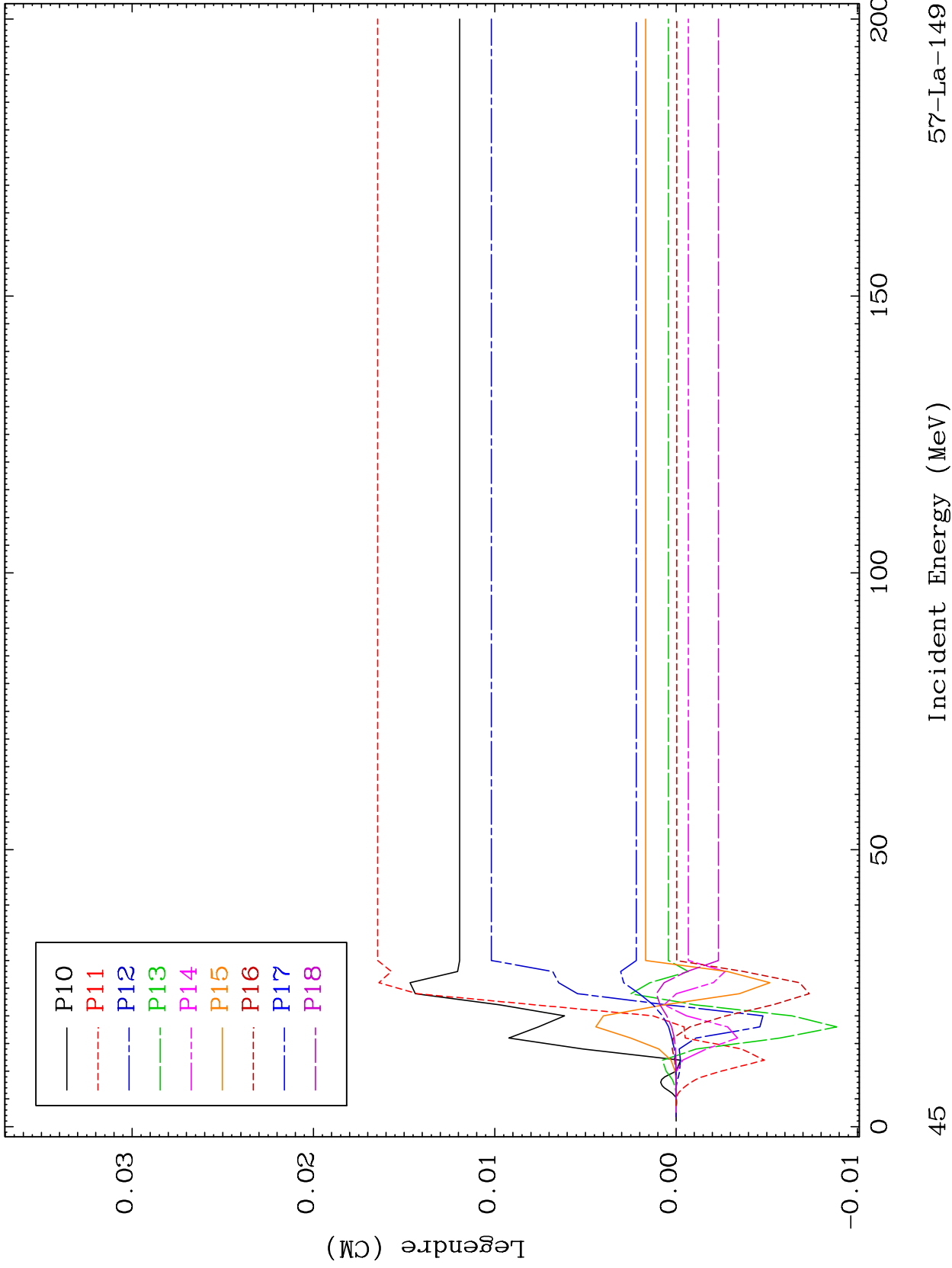
Incident Energy (MeV)

44

MAT 5758

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

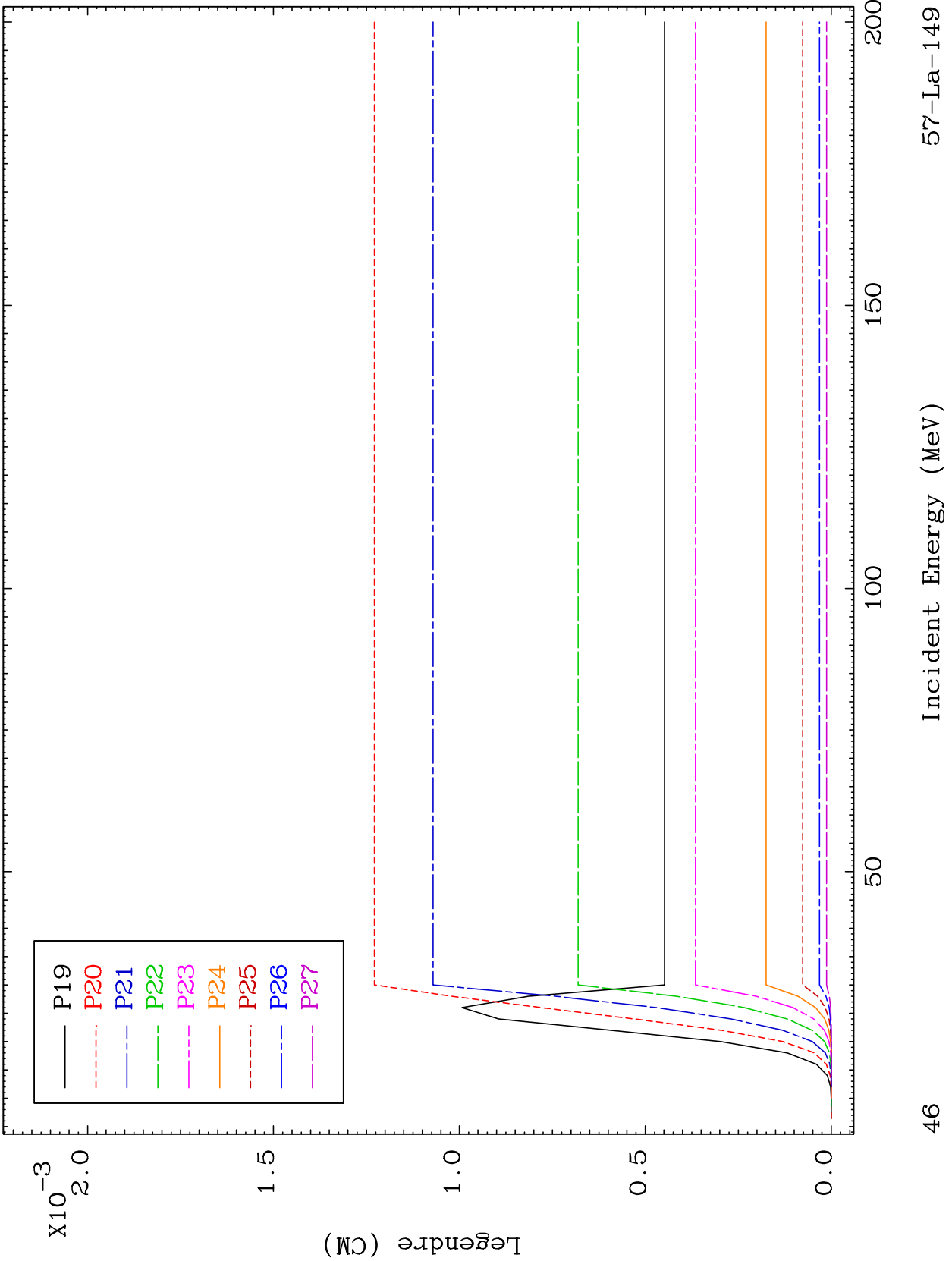
57-La-149



MAT 5758

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

57-La-149



46

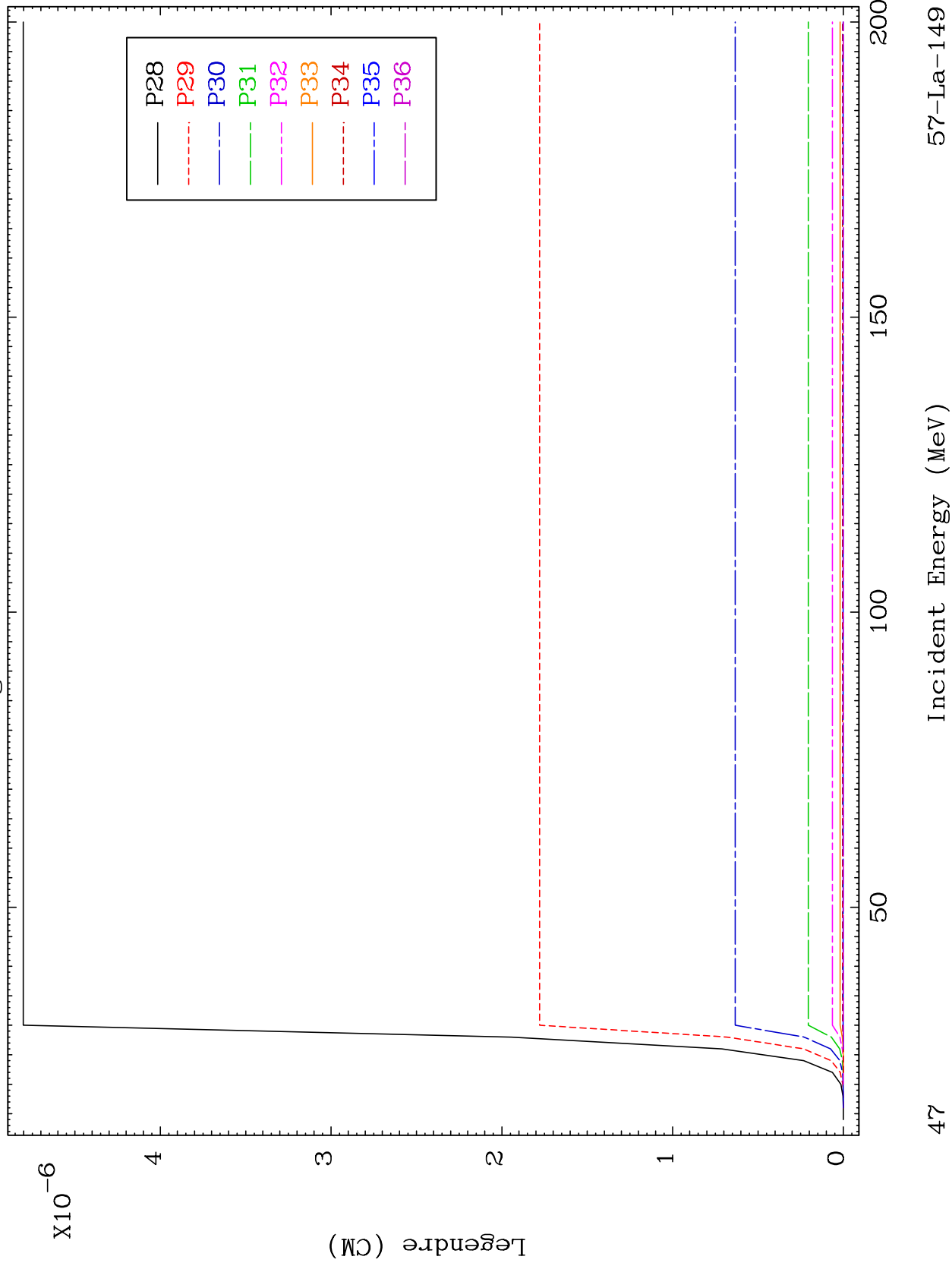
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



47

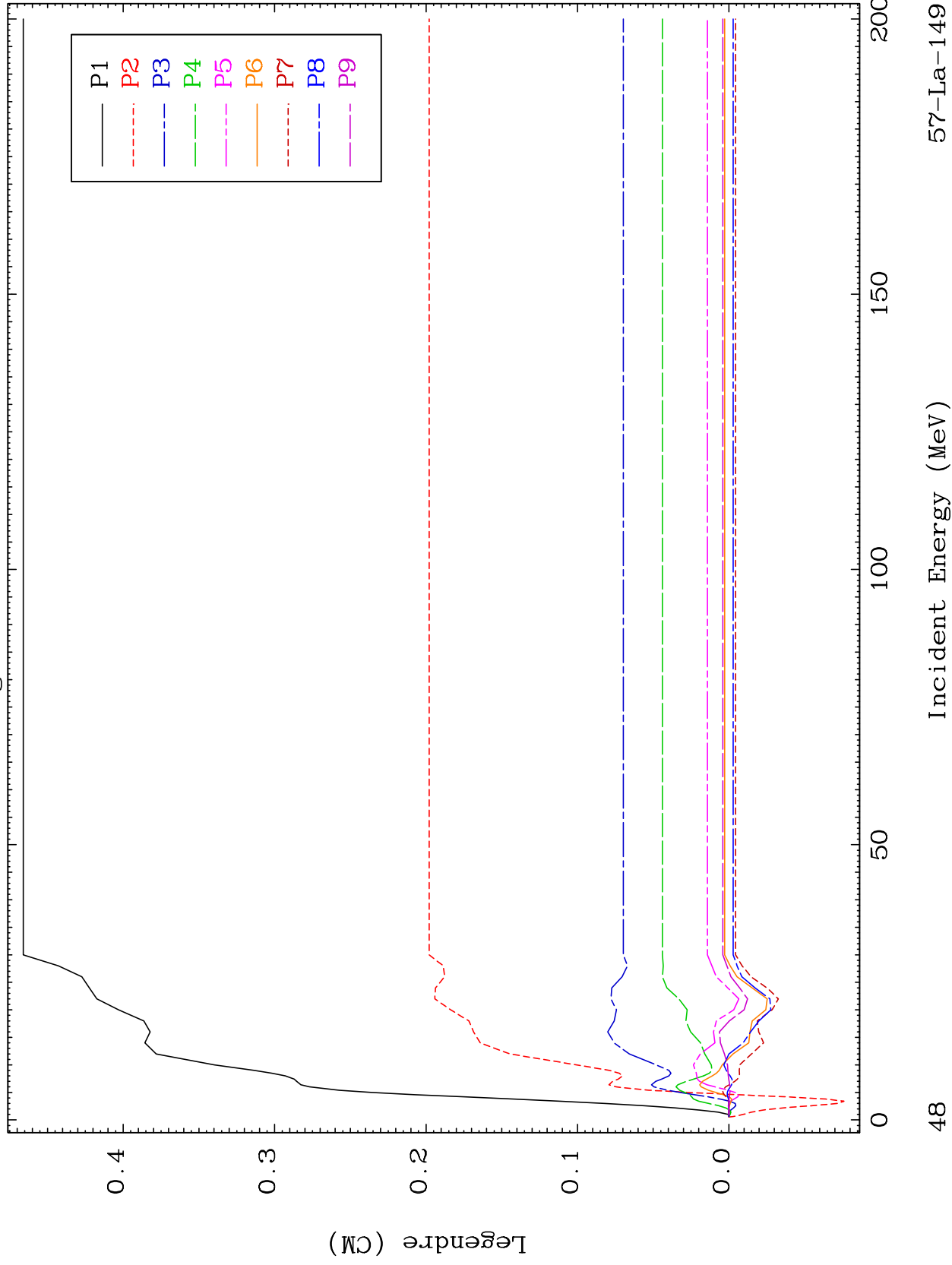
57-La-149



MAT 5758

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

57-La-149



57-La-149

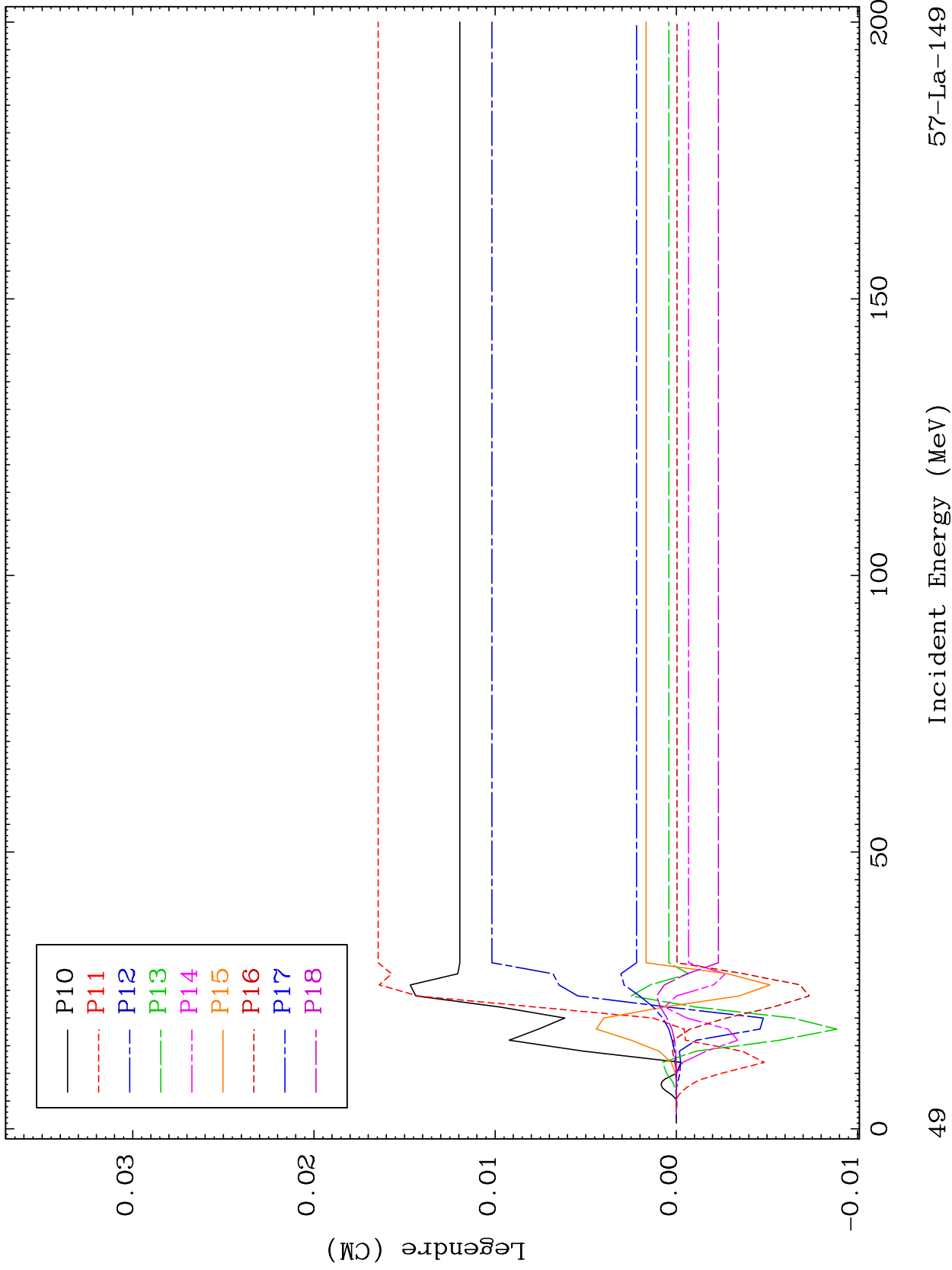
Incident Energy (MeV)

48

MAT 5758

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

57-La-149



49

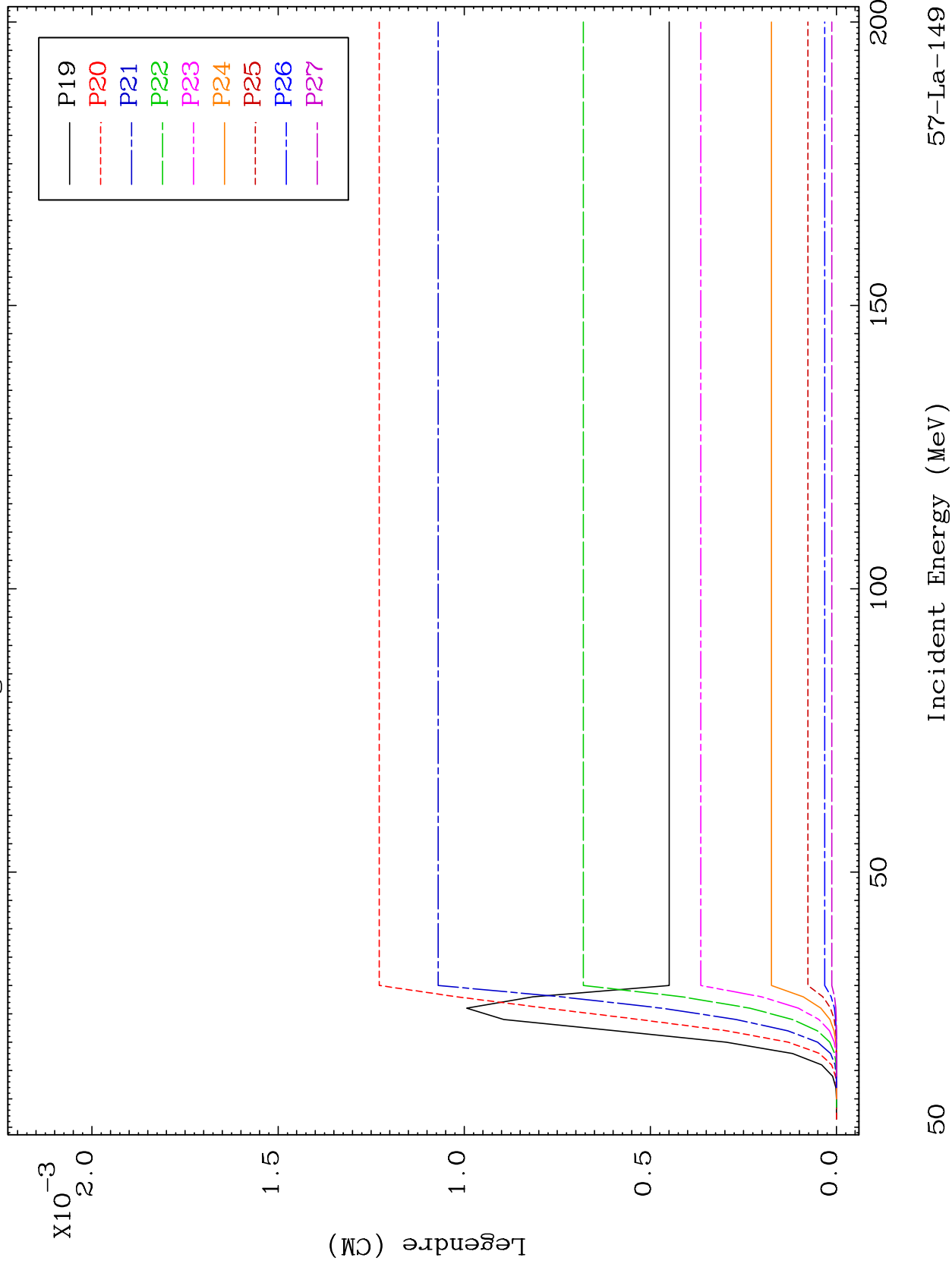
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

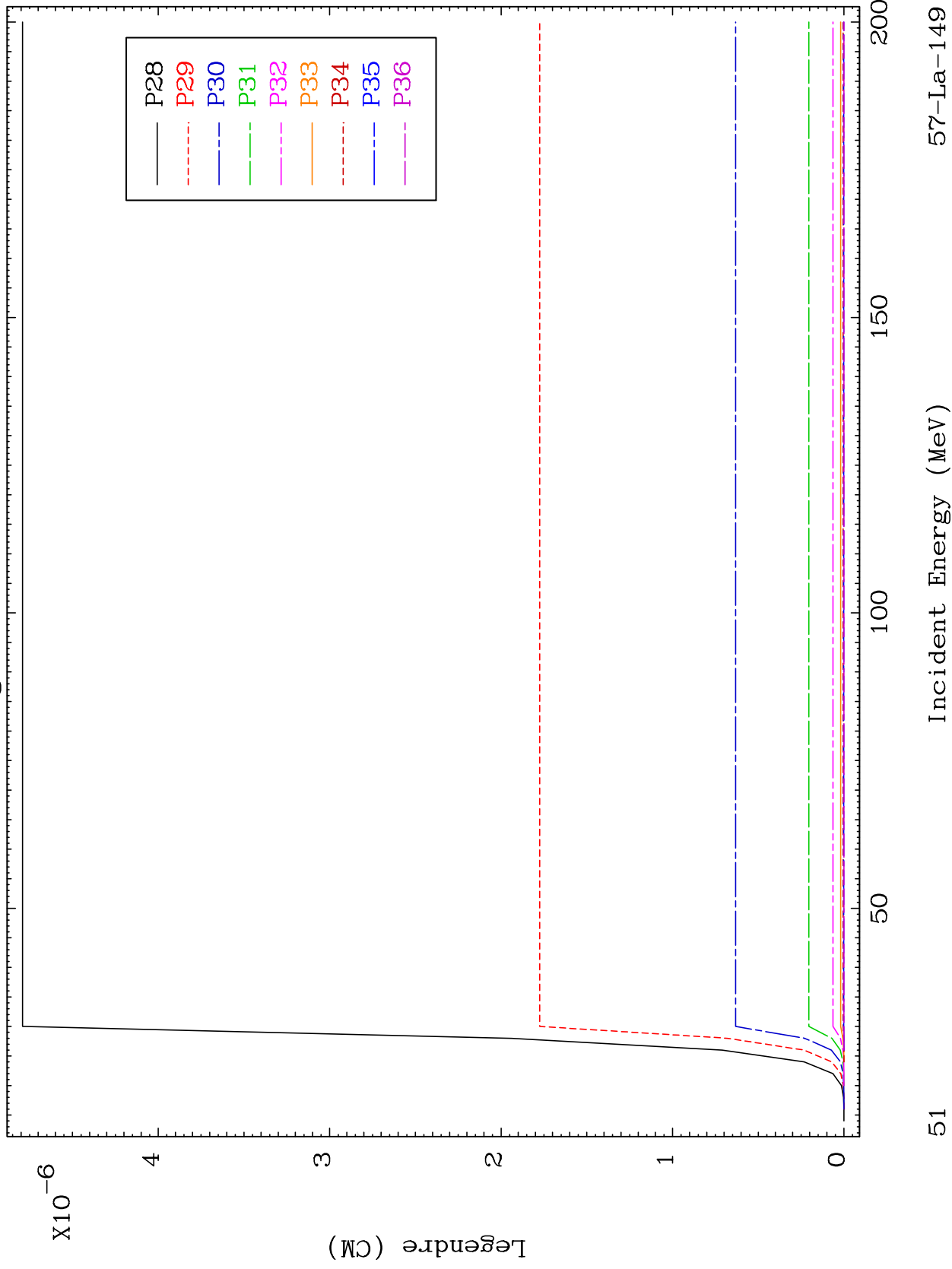
Incident Energy (MeV)

50

MAT 5758

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

57-La-149



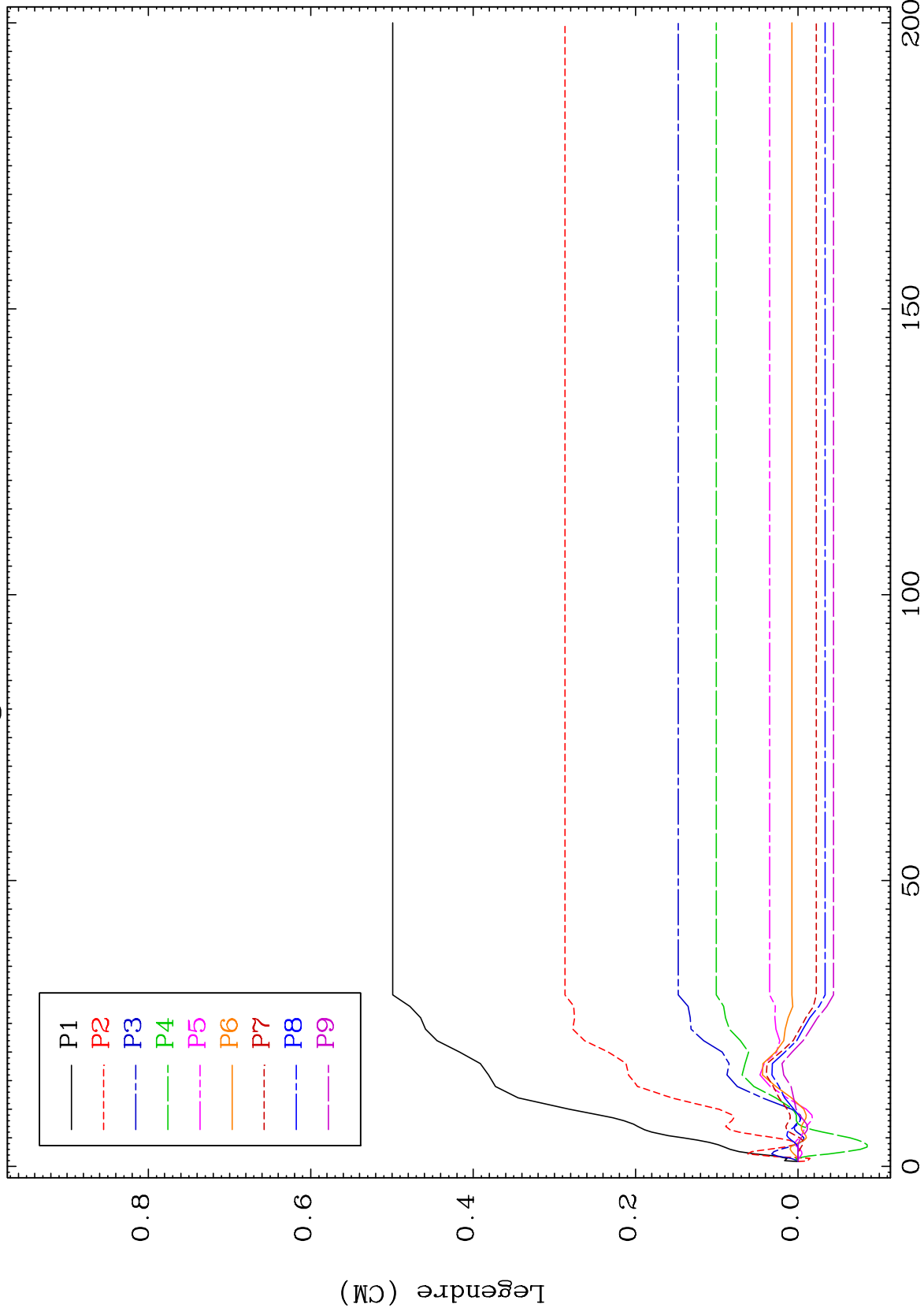
51

57-La-149

MAT 5758

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

57-La-149



57-La-149

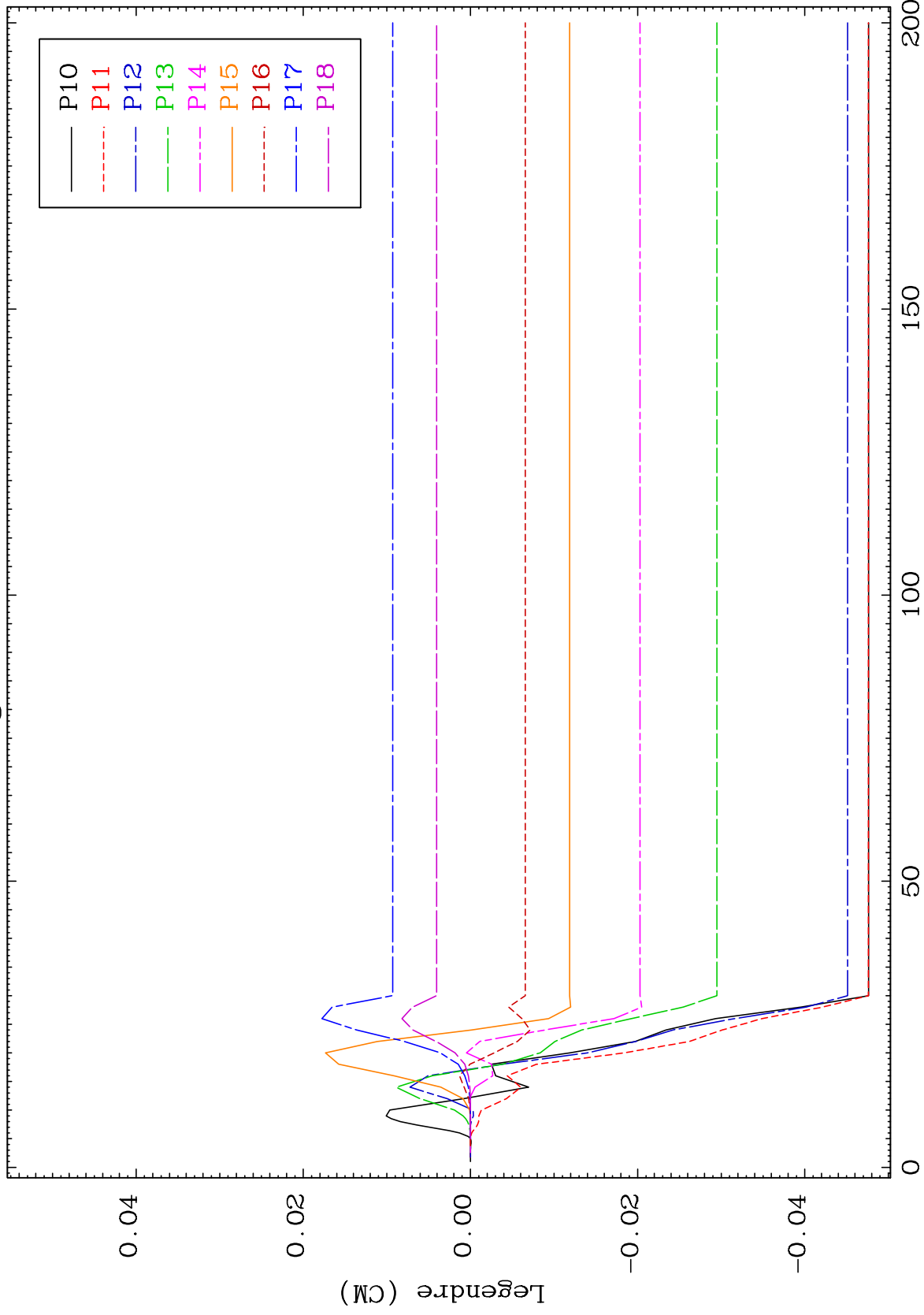
Incident Energy (MeV)

52

MAT 5758

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

57-La-149



53

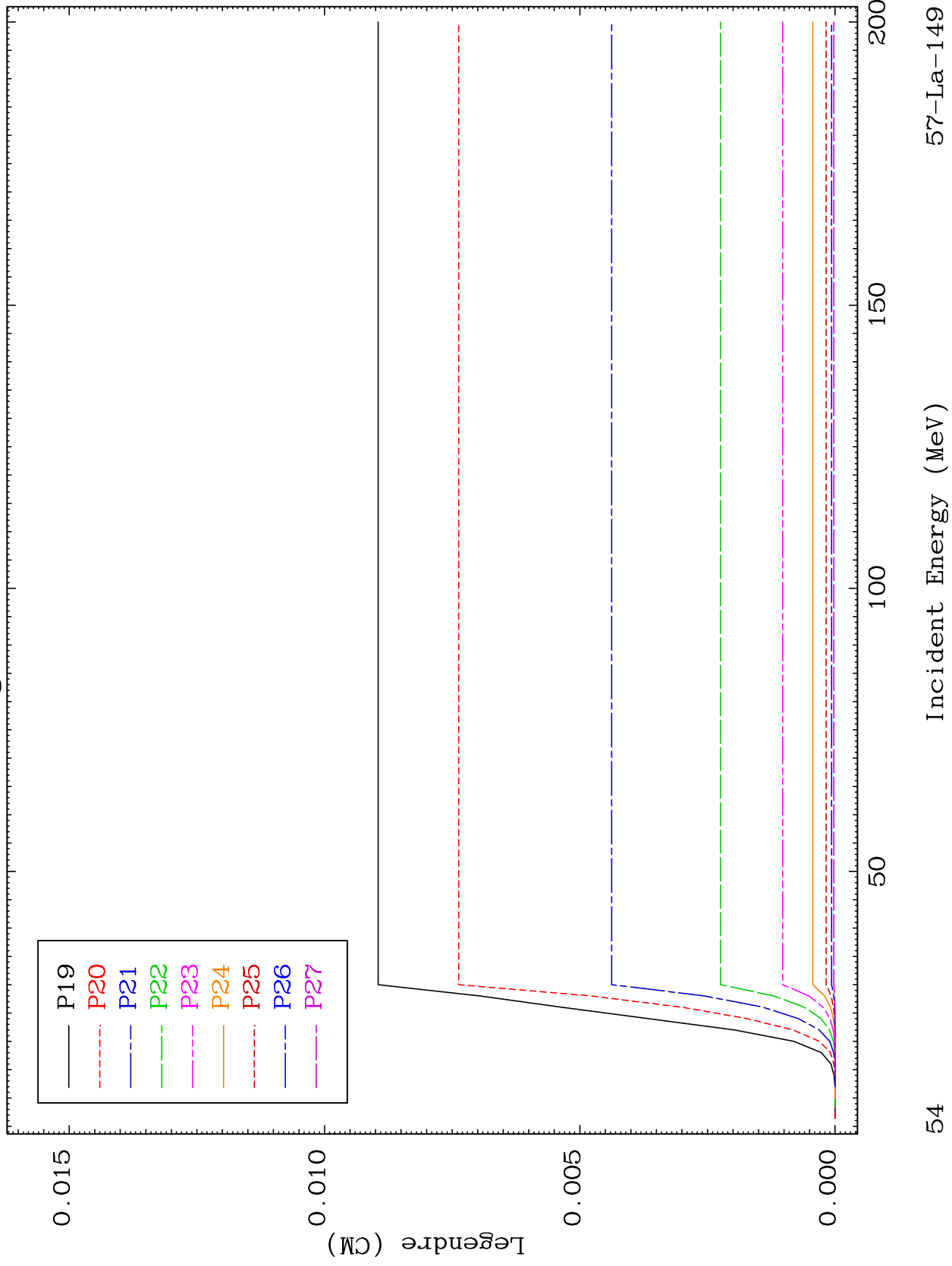
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

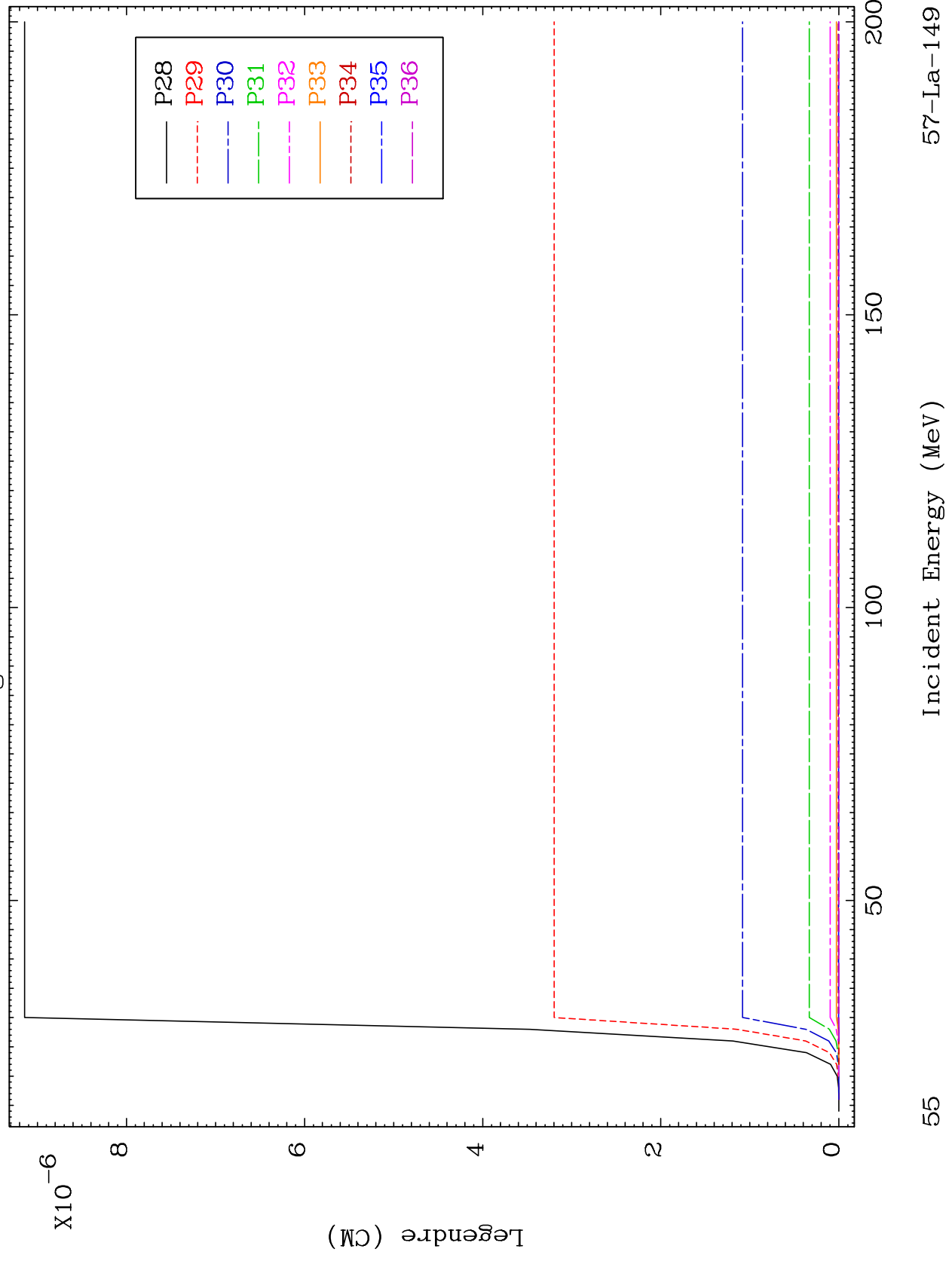
Incident Energy (MeV)

54

MAT 5758

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

57-La-149



57-La-149

Incident Energy (MeV)

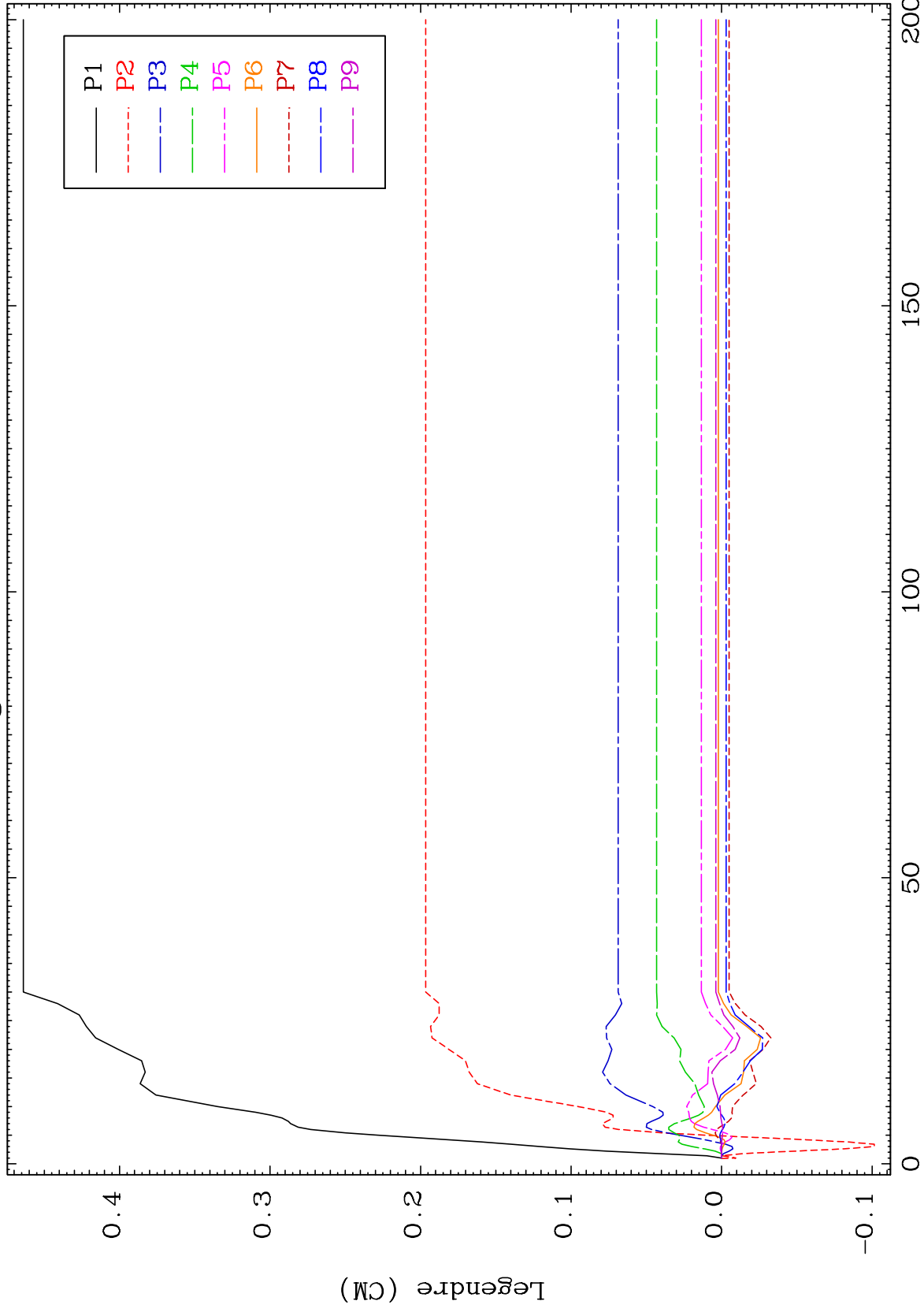
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MAT 5758

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

57-La-149



56

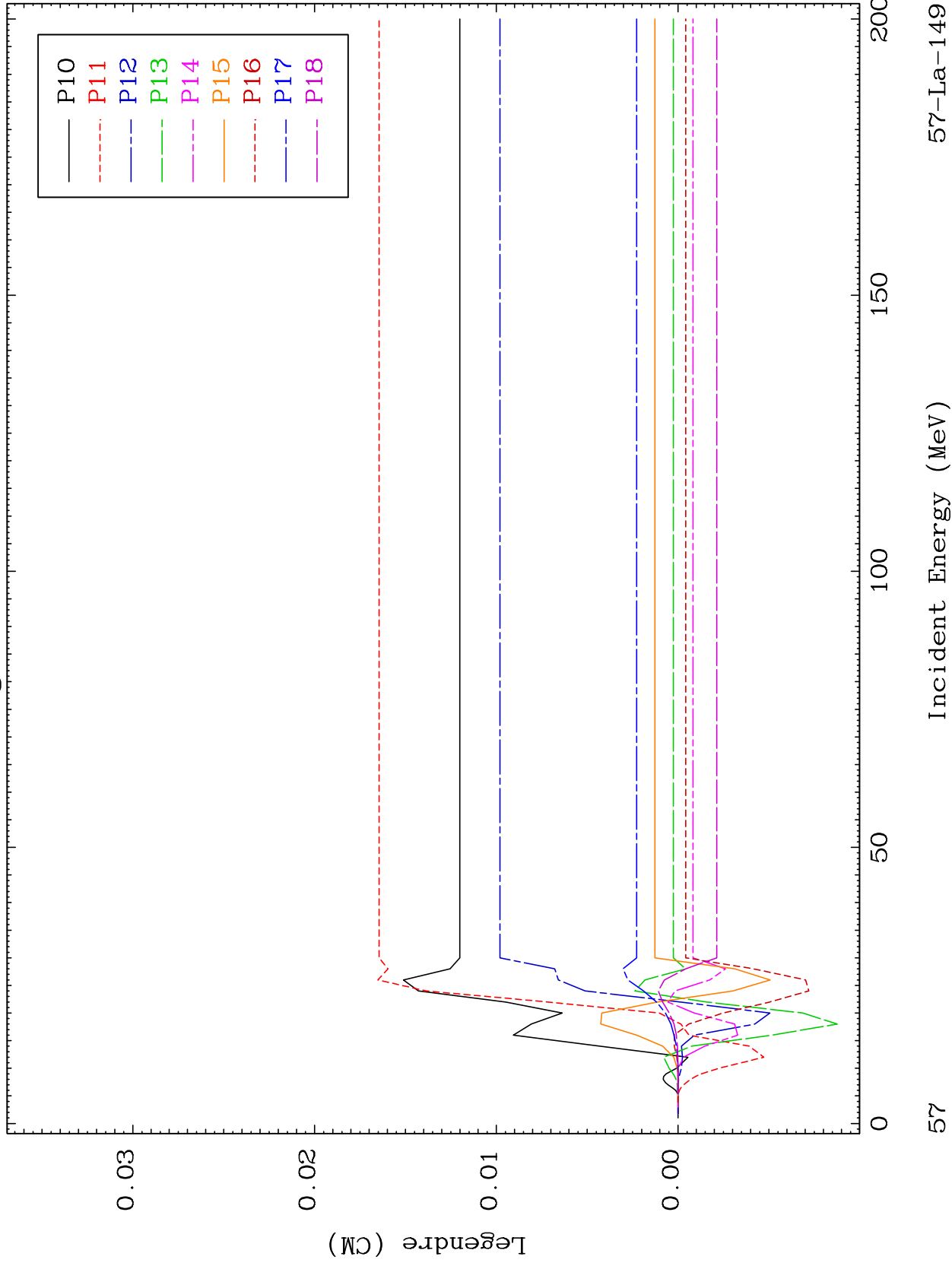
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

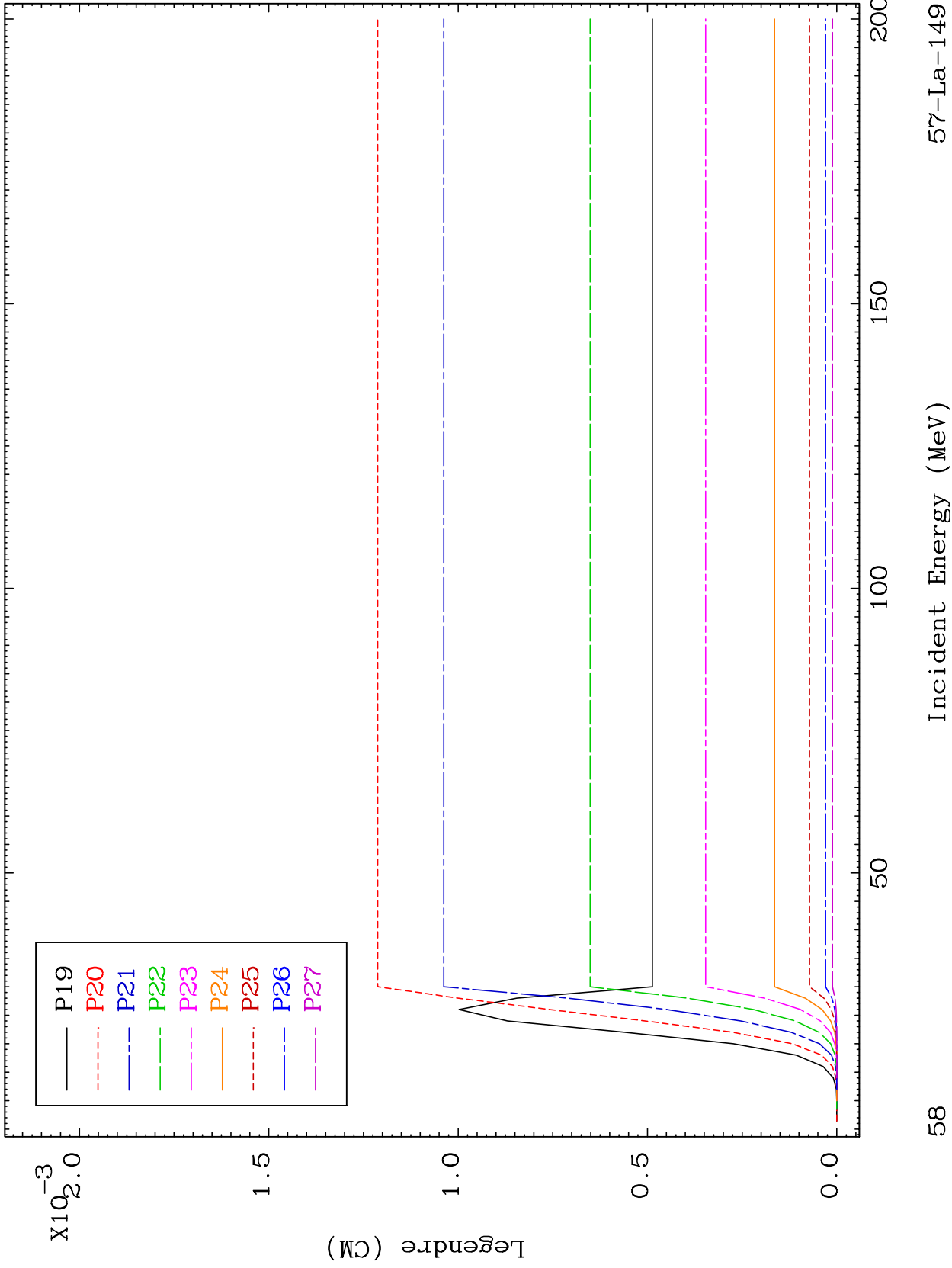
Incident Energy (MeV)

57

MAT 5758

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

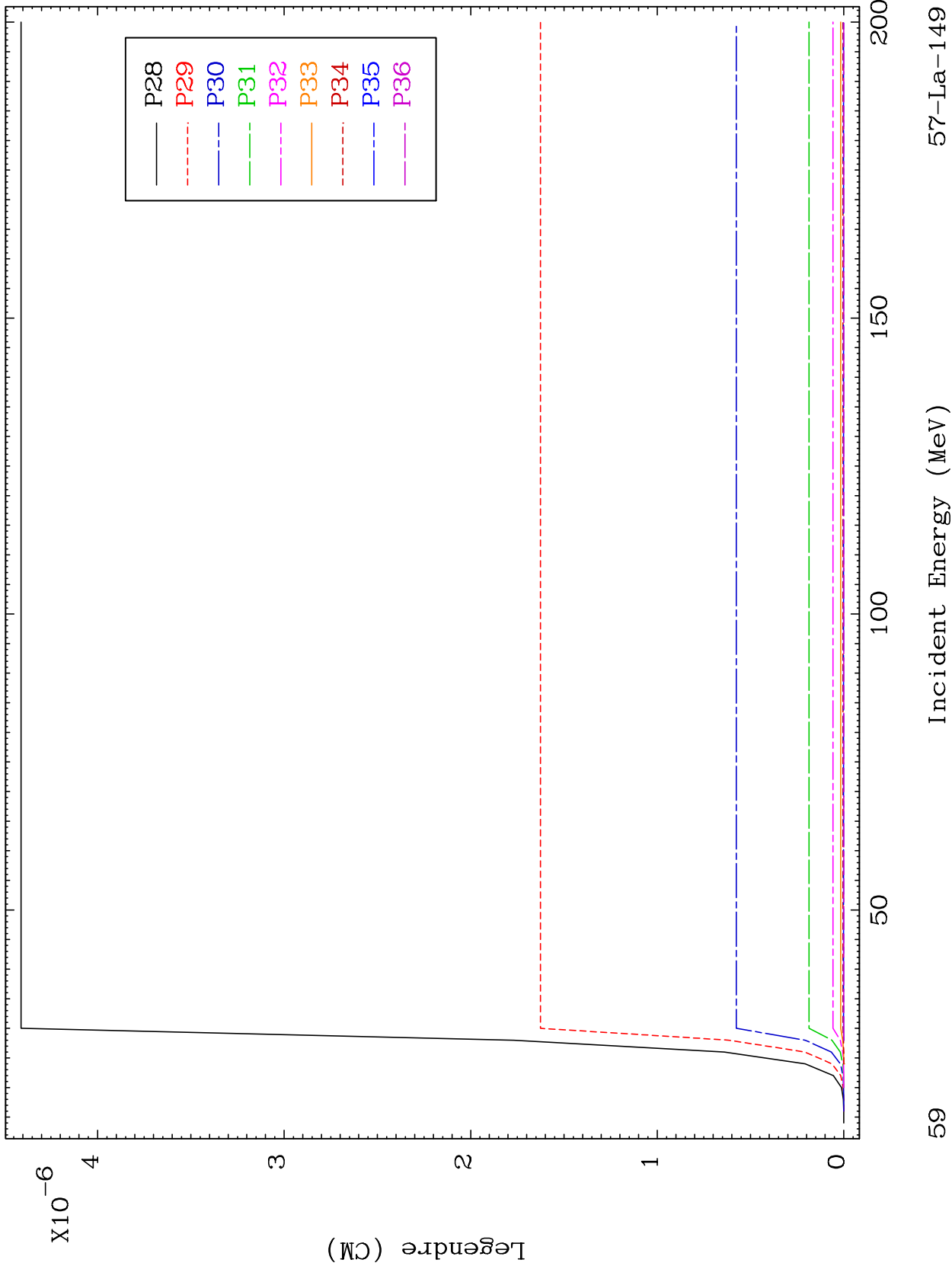
57-La-149



MAT 5758

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

57-La-149



59

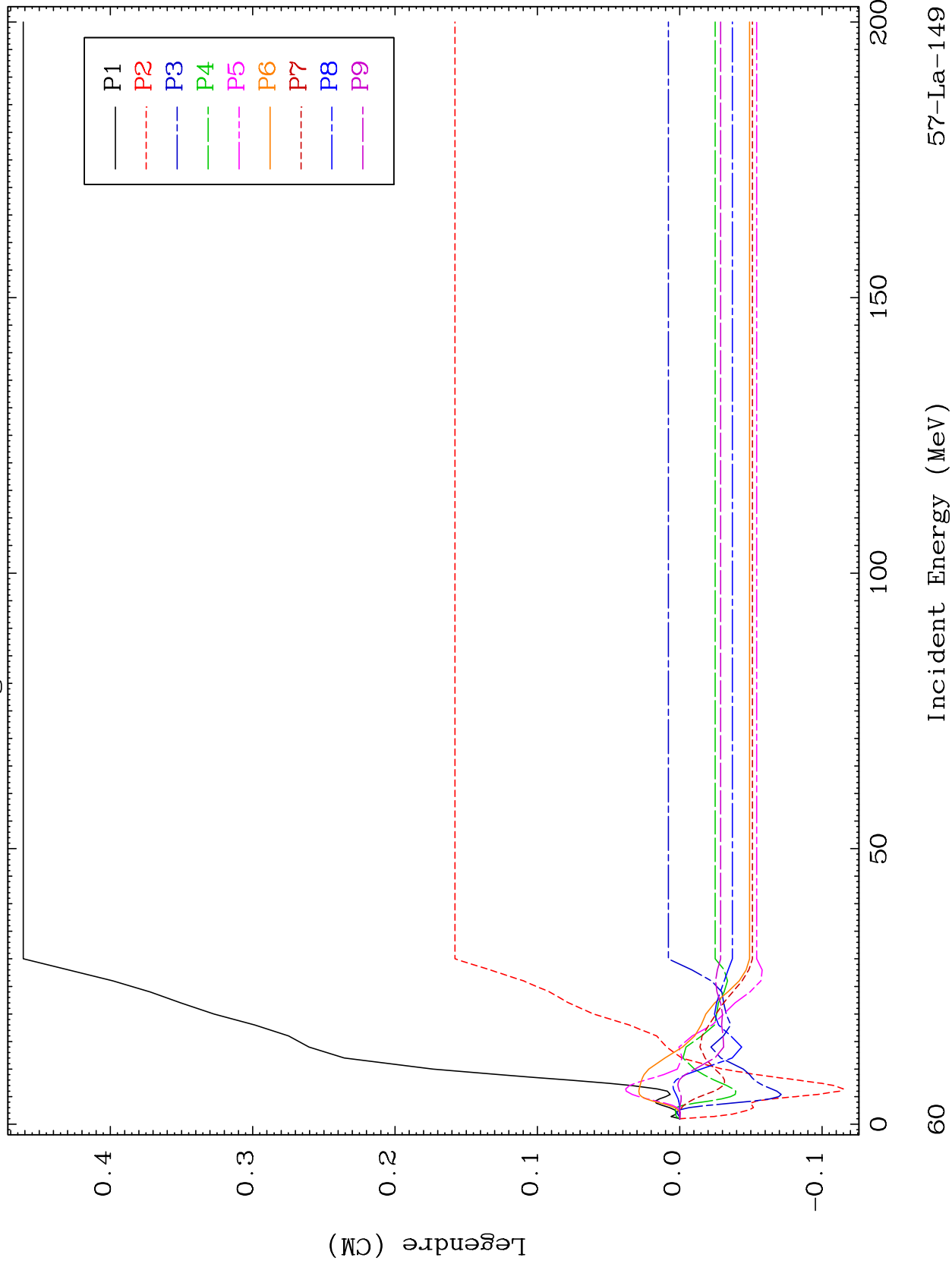
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149

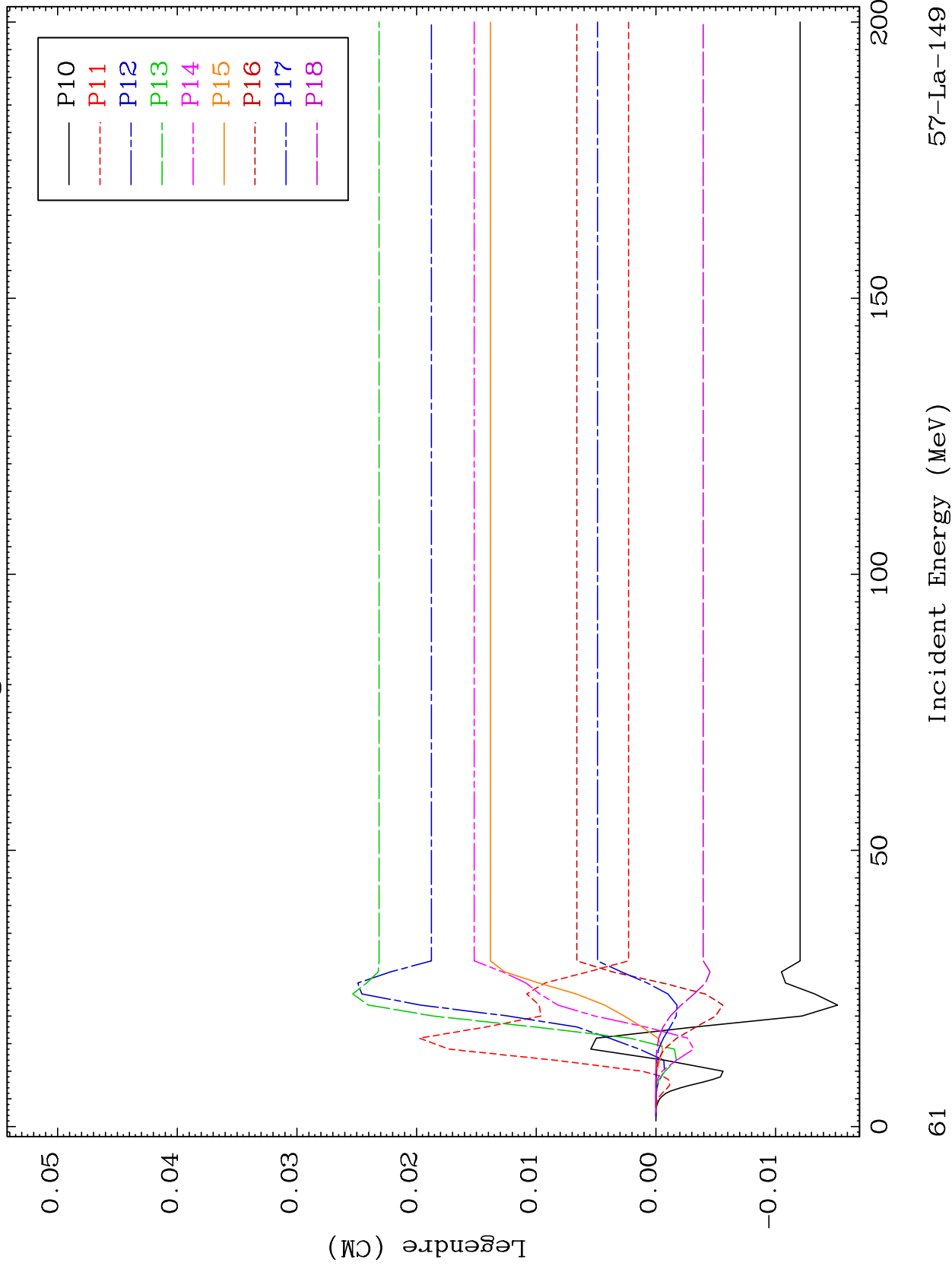


57-La-149

MAT 5758

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

57-La-149



57-La-149

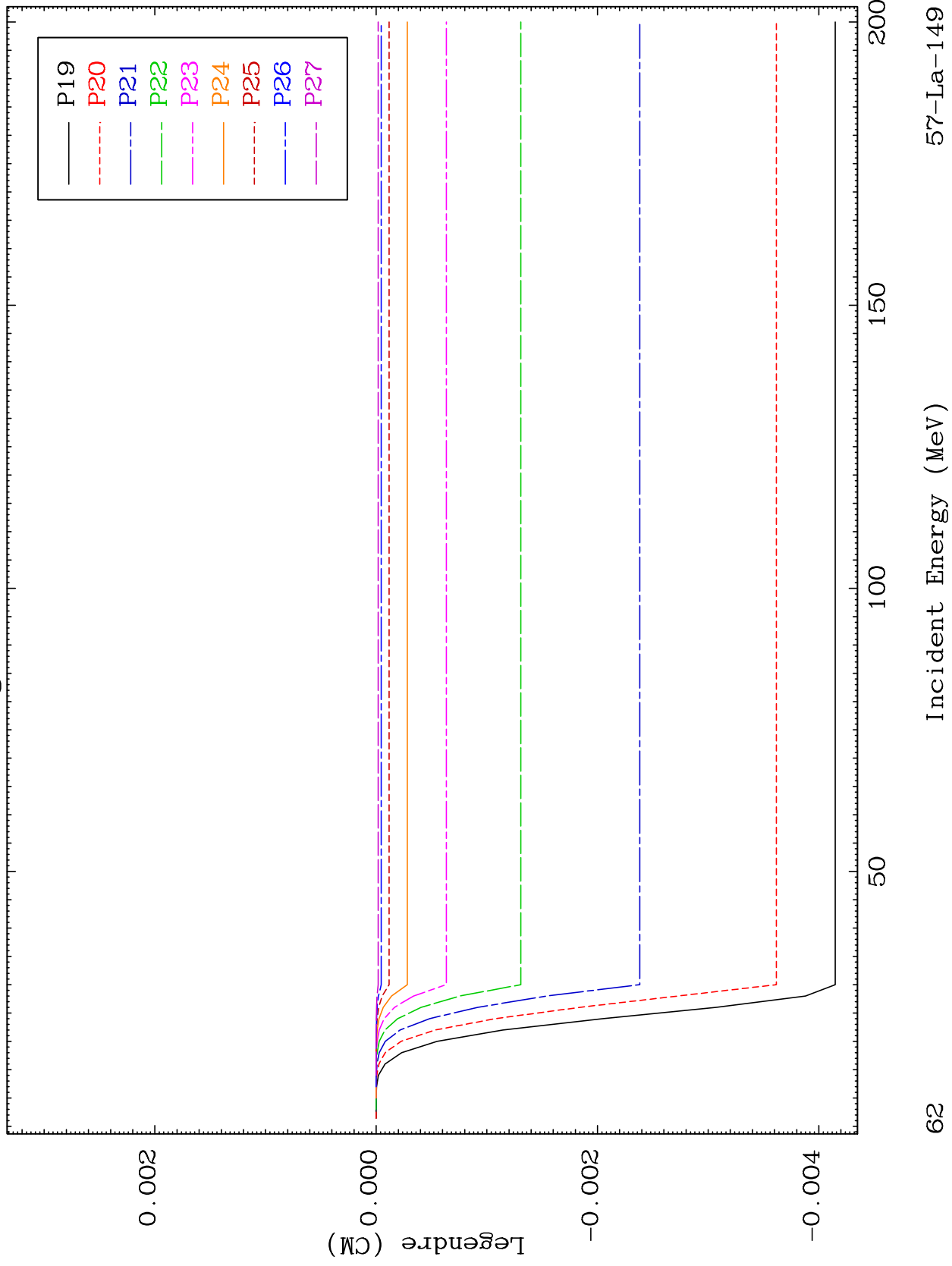
Incident Energy (MeV)

61

MAT 5758

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

57-La-149



62

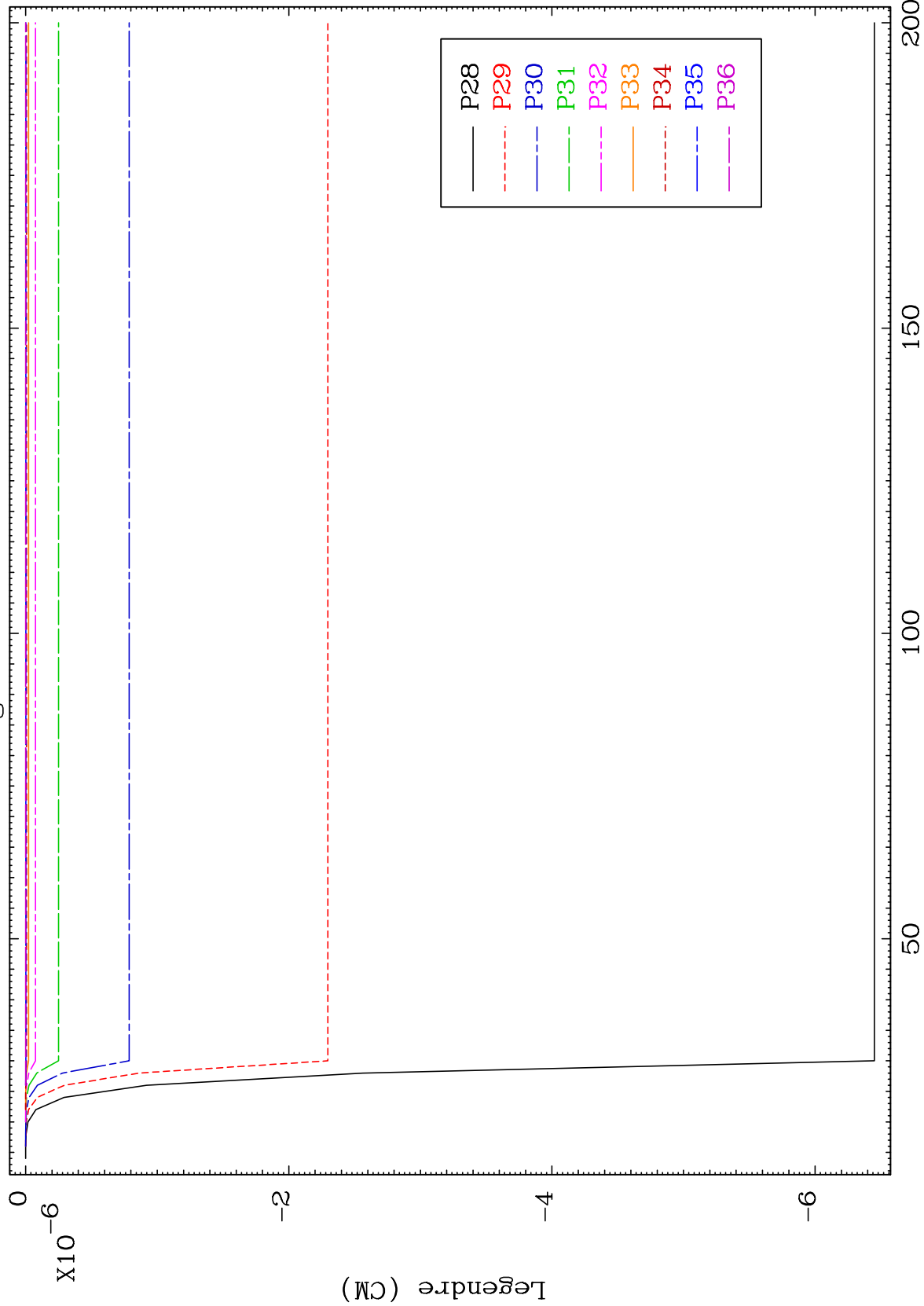
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



63

Incident Energy (MeV)

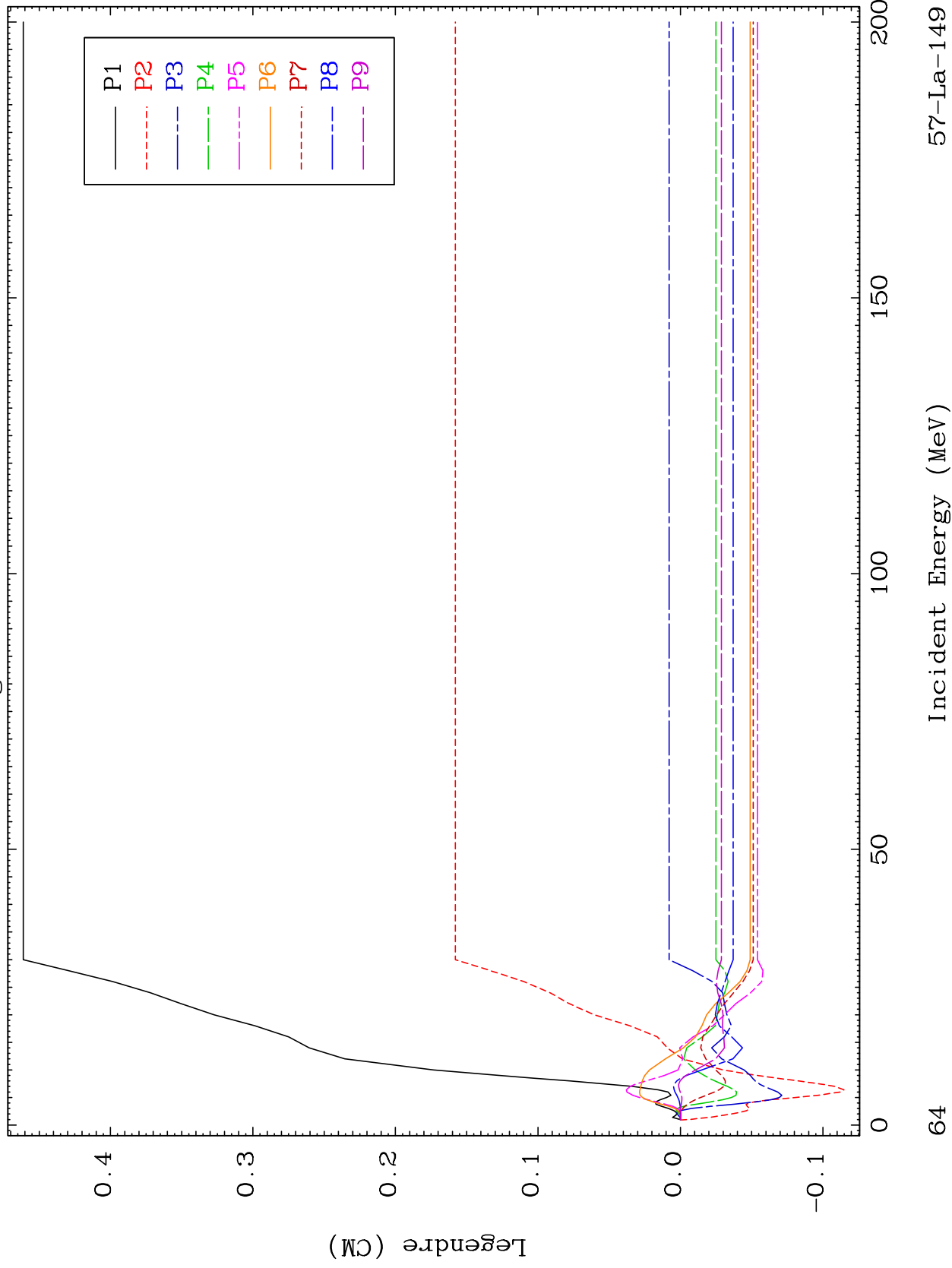
57-La-149



MAT 5758

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

57-La-149



57-La-149

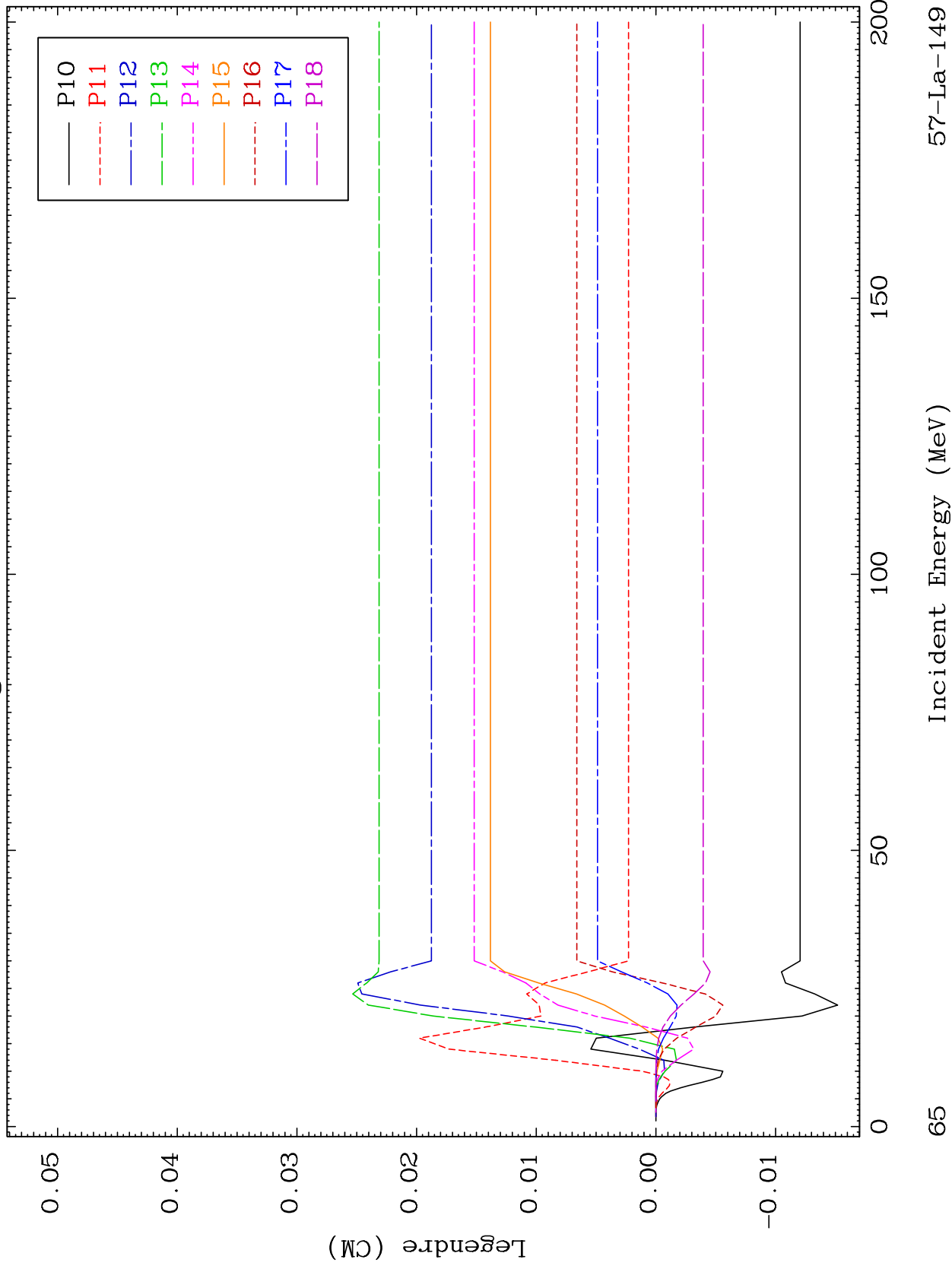
Incident Energy (MeV)

64

MAT 5758

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

57-La-149



57-La-149

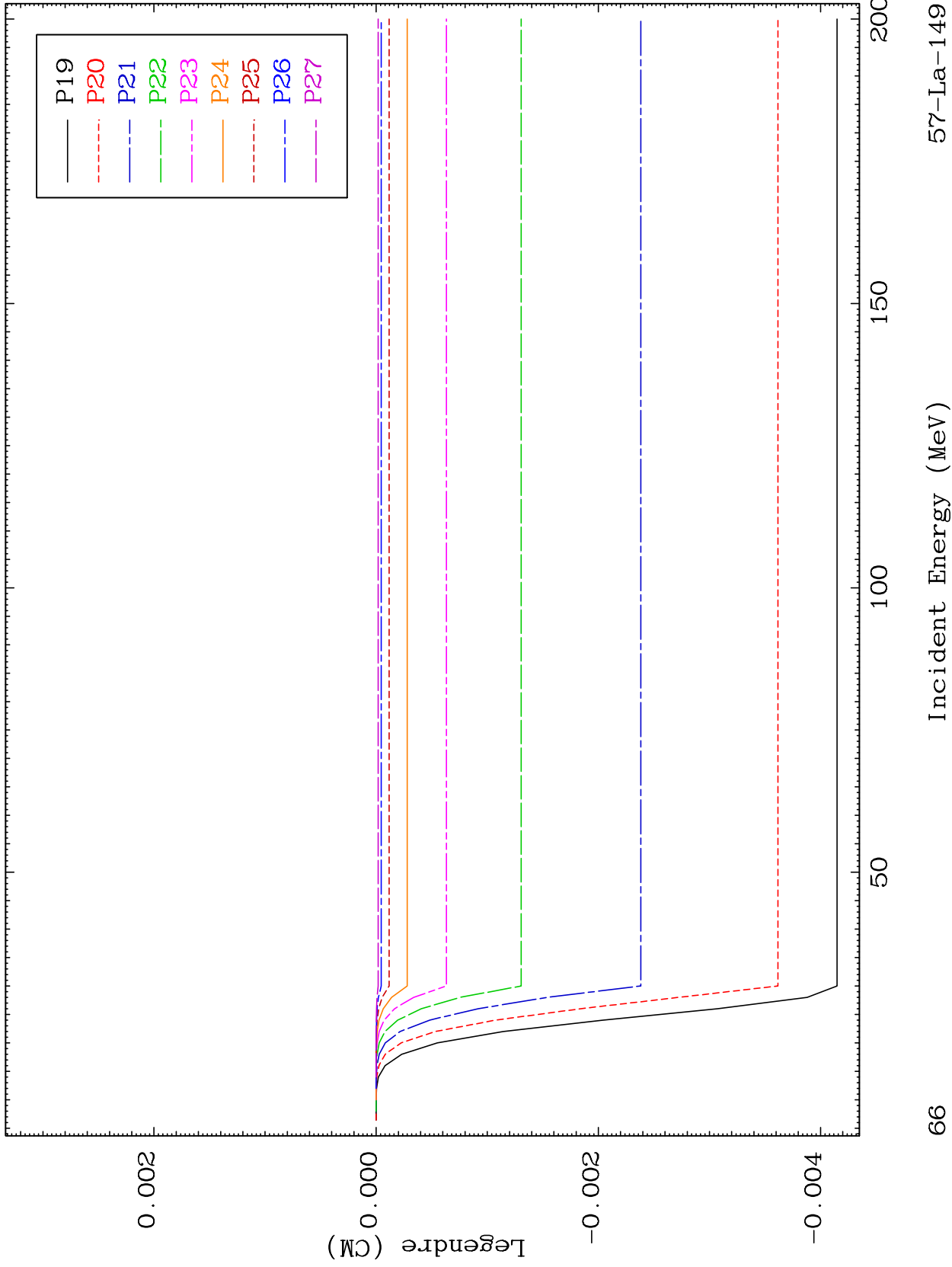
Incident Energy (MeV)

65

MAT 5758

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

57-La-149



66

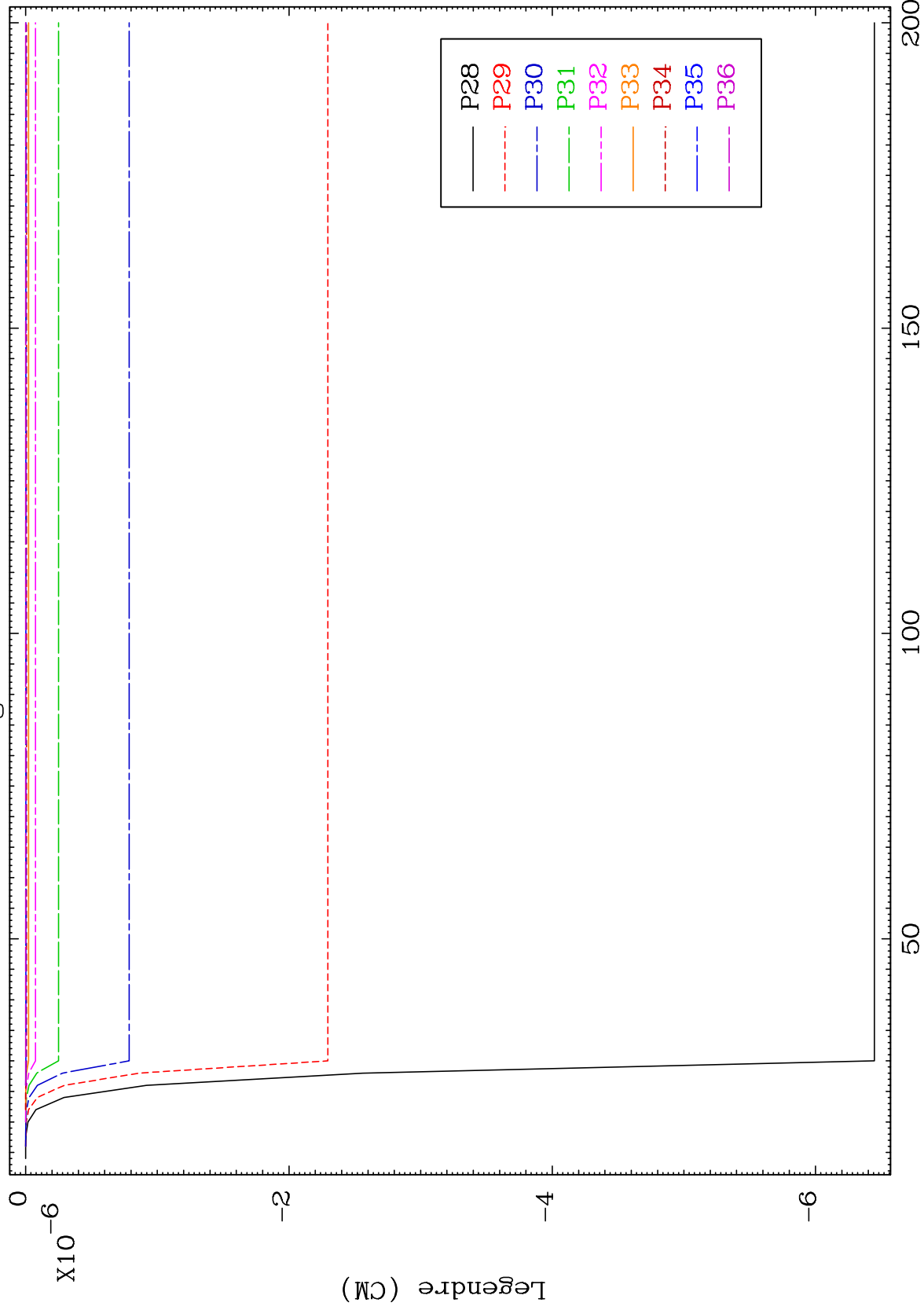
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



67

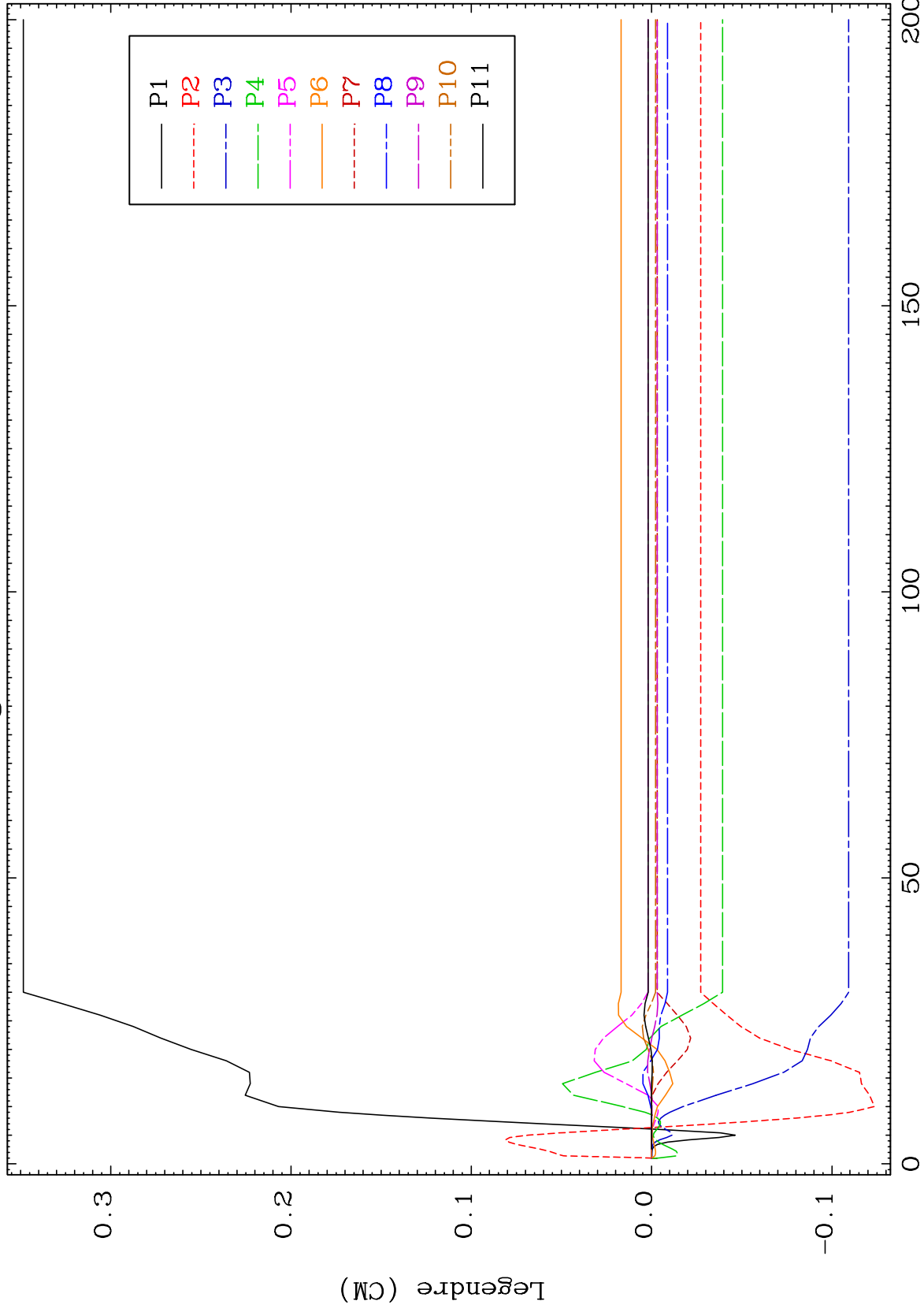
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

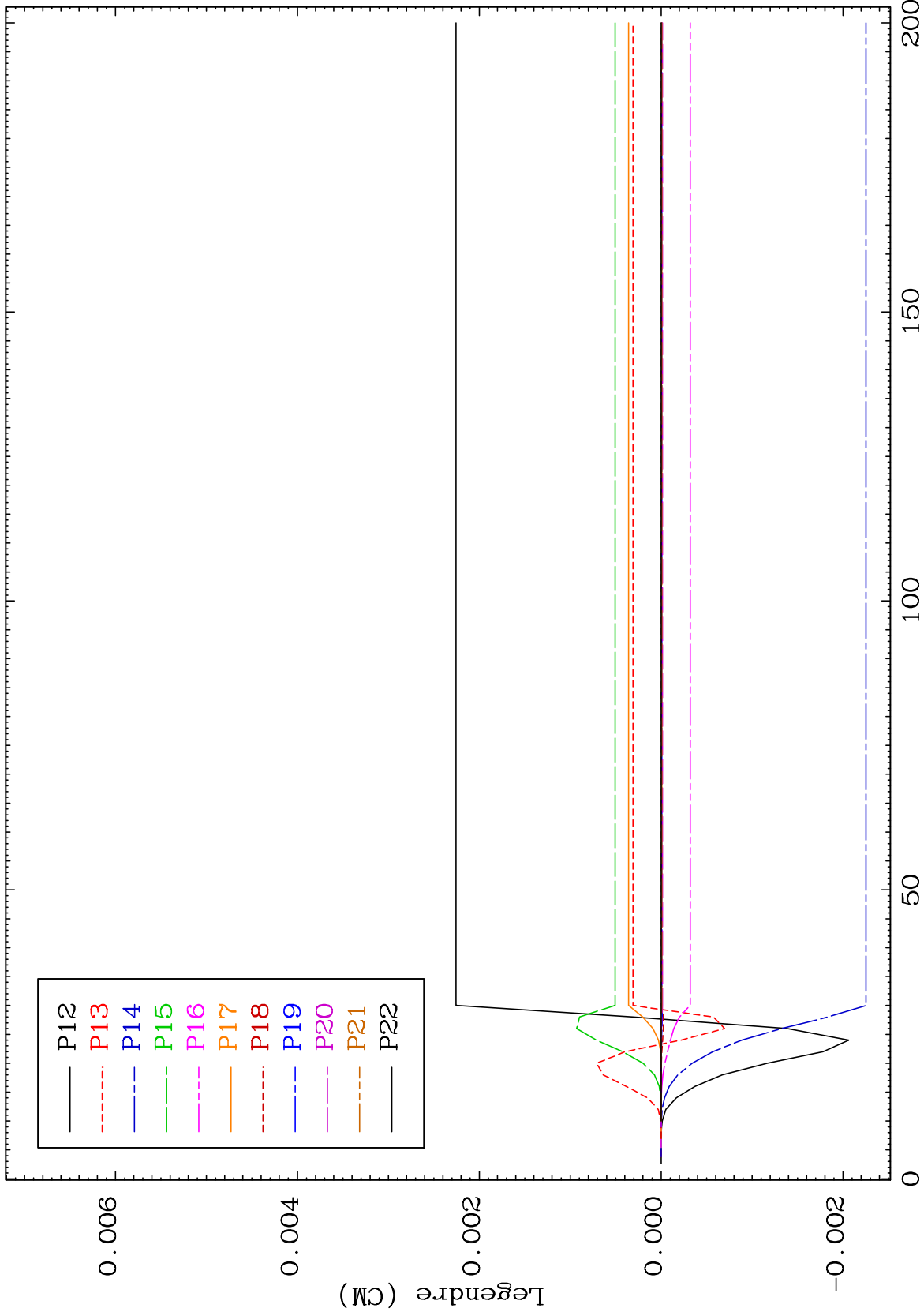
Incident Energy (MeV)

68

MAT 5758

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

57-La-149



69

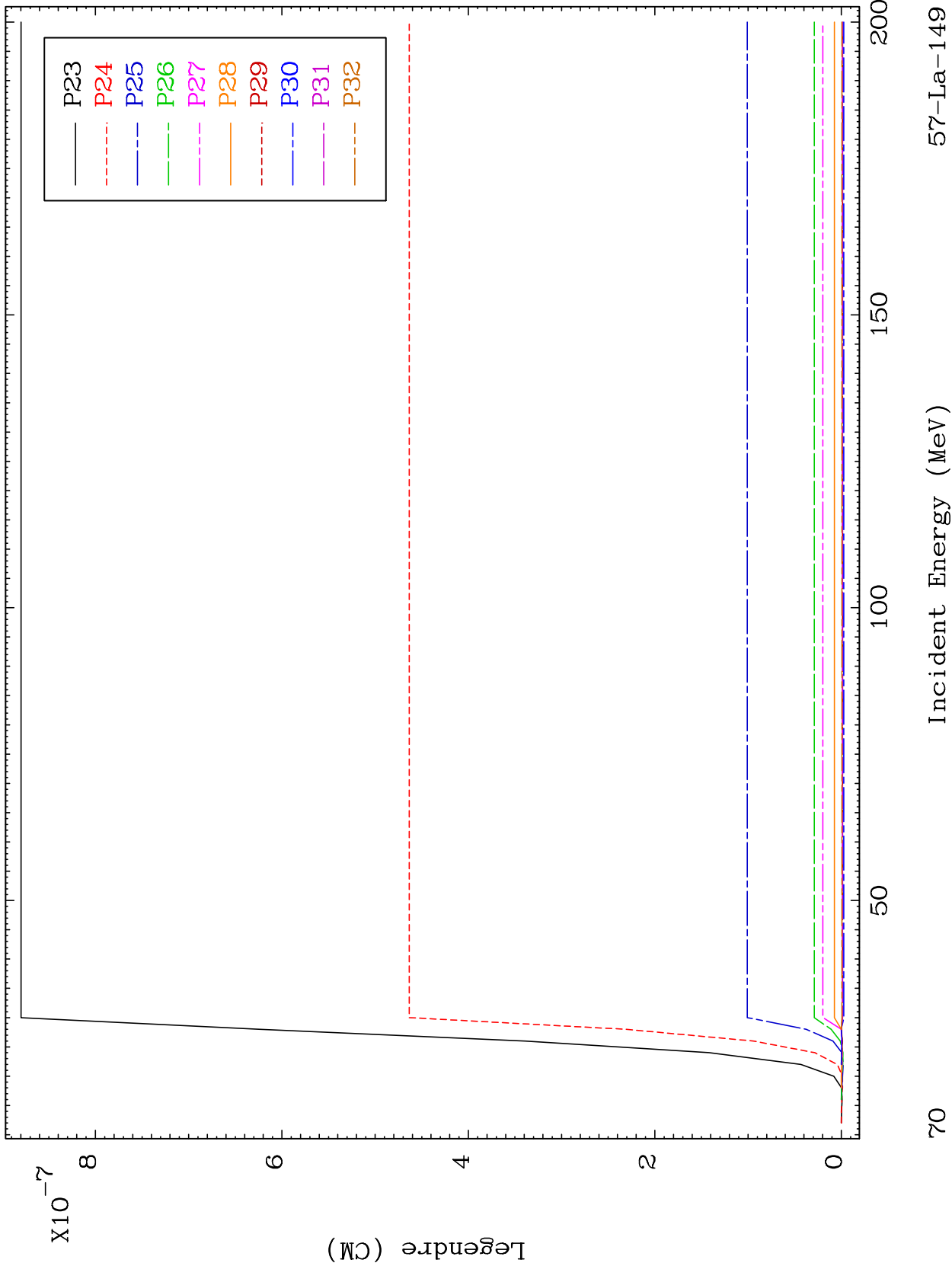
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

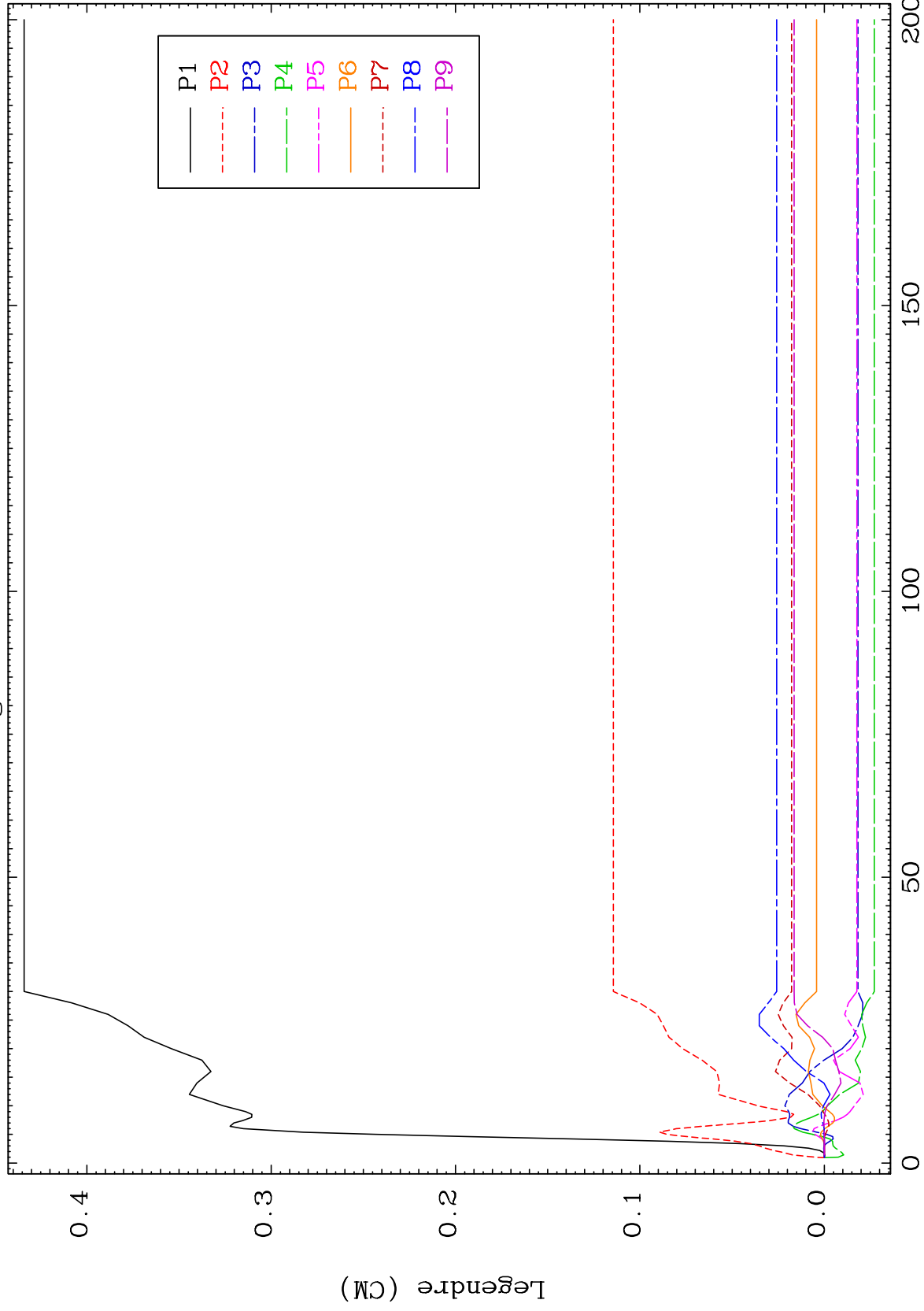
Incident Energy (MeV)

70

MAT 5758

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

57-La-149



71

Incident Energy (MeV)

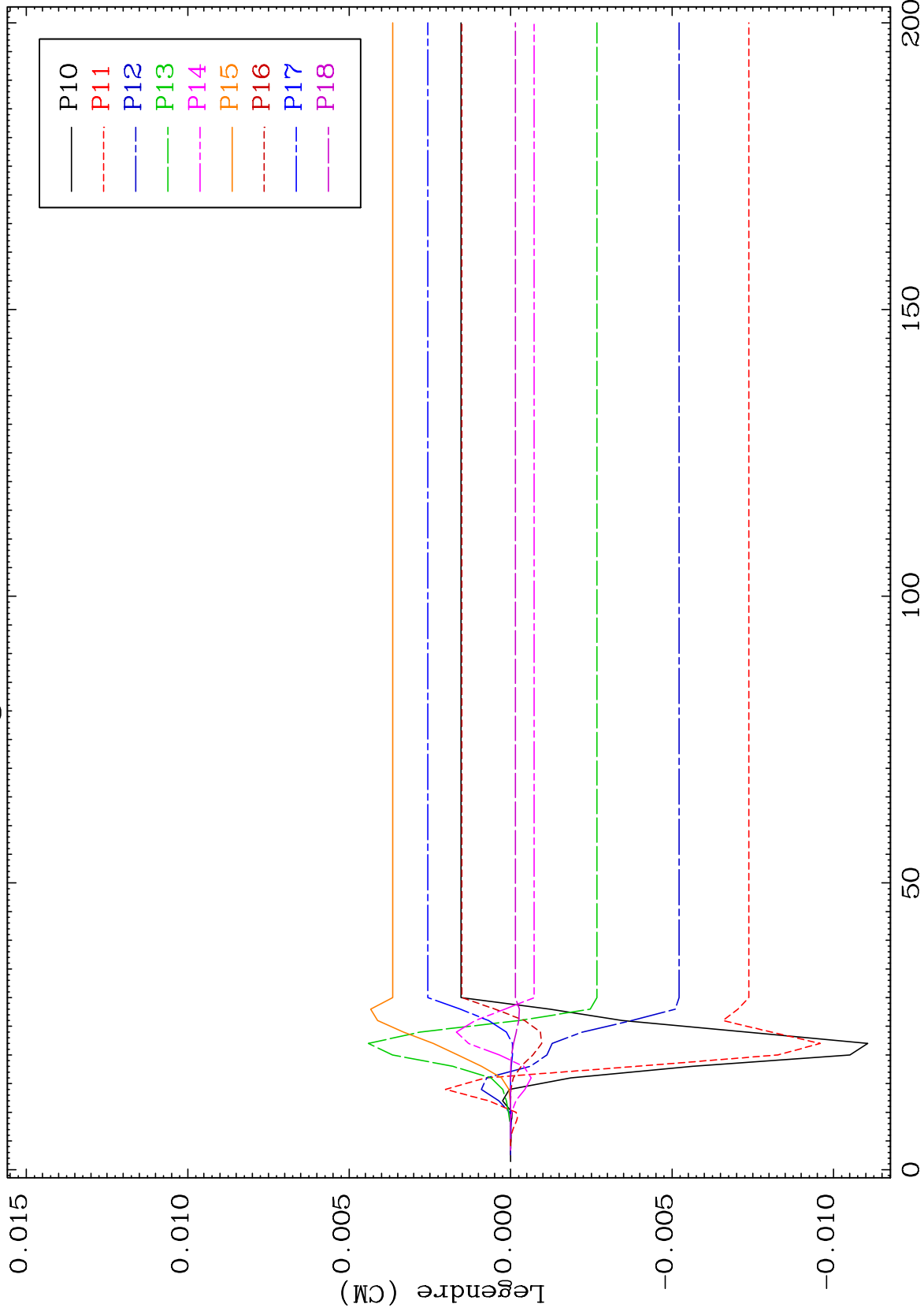
57-La-149



MAT 5758

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

57-La-149



72

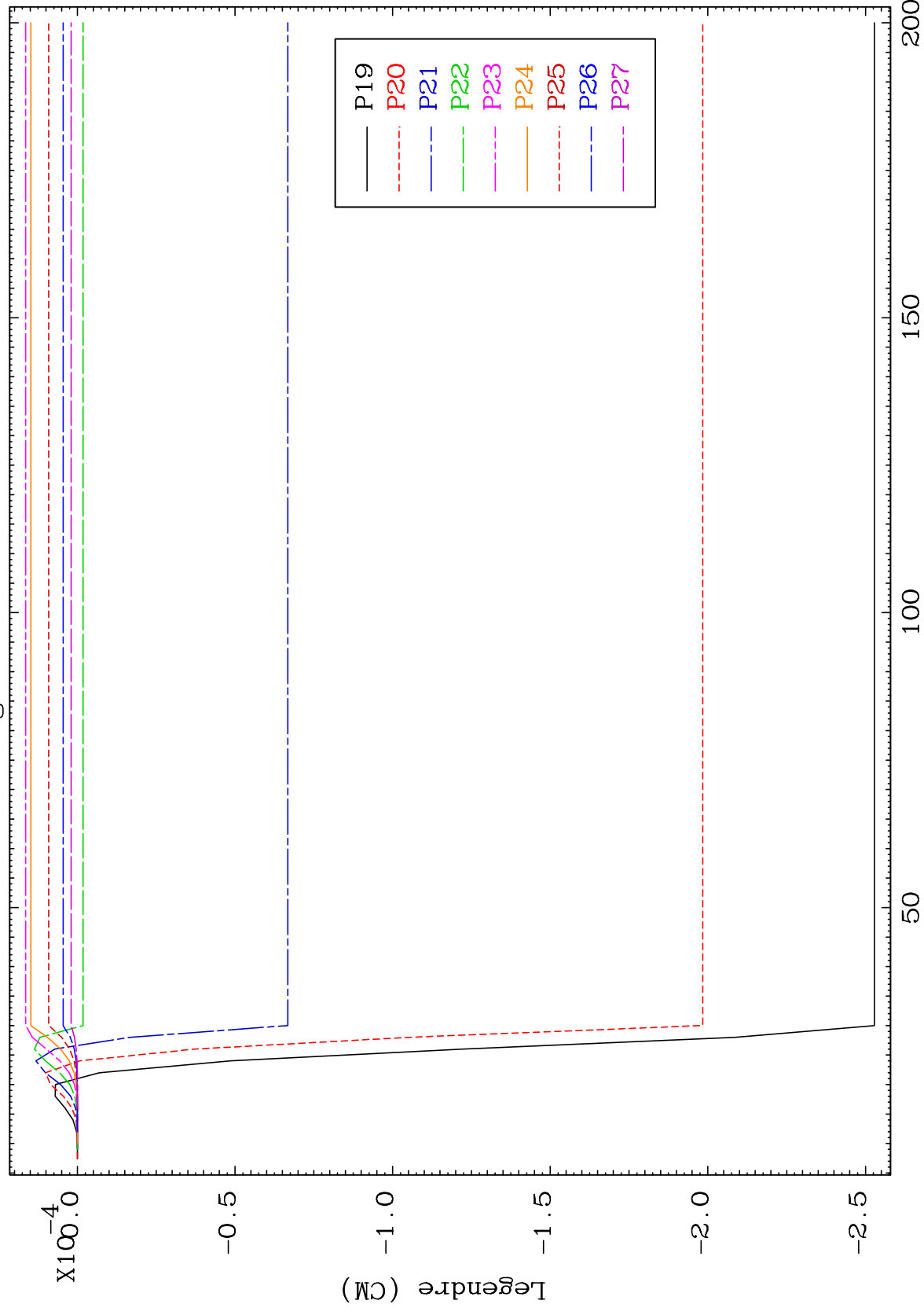
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



73

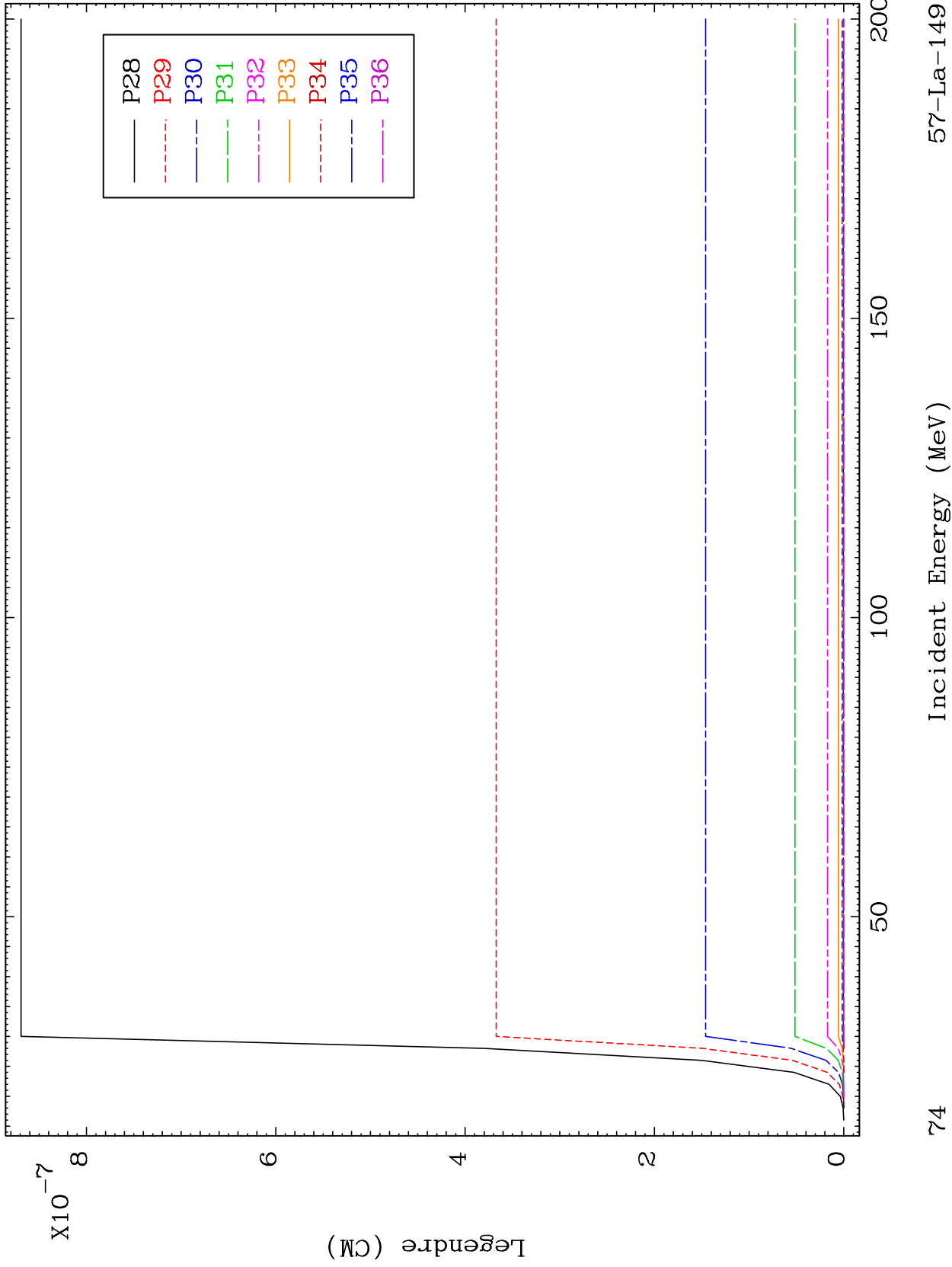
Incident Energy (MeV)

57-La-149

MAT 5758

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

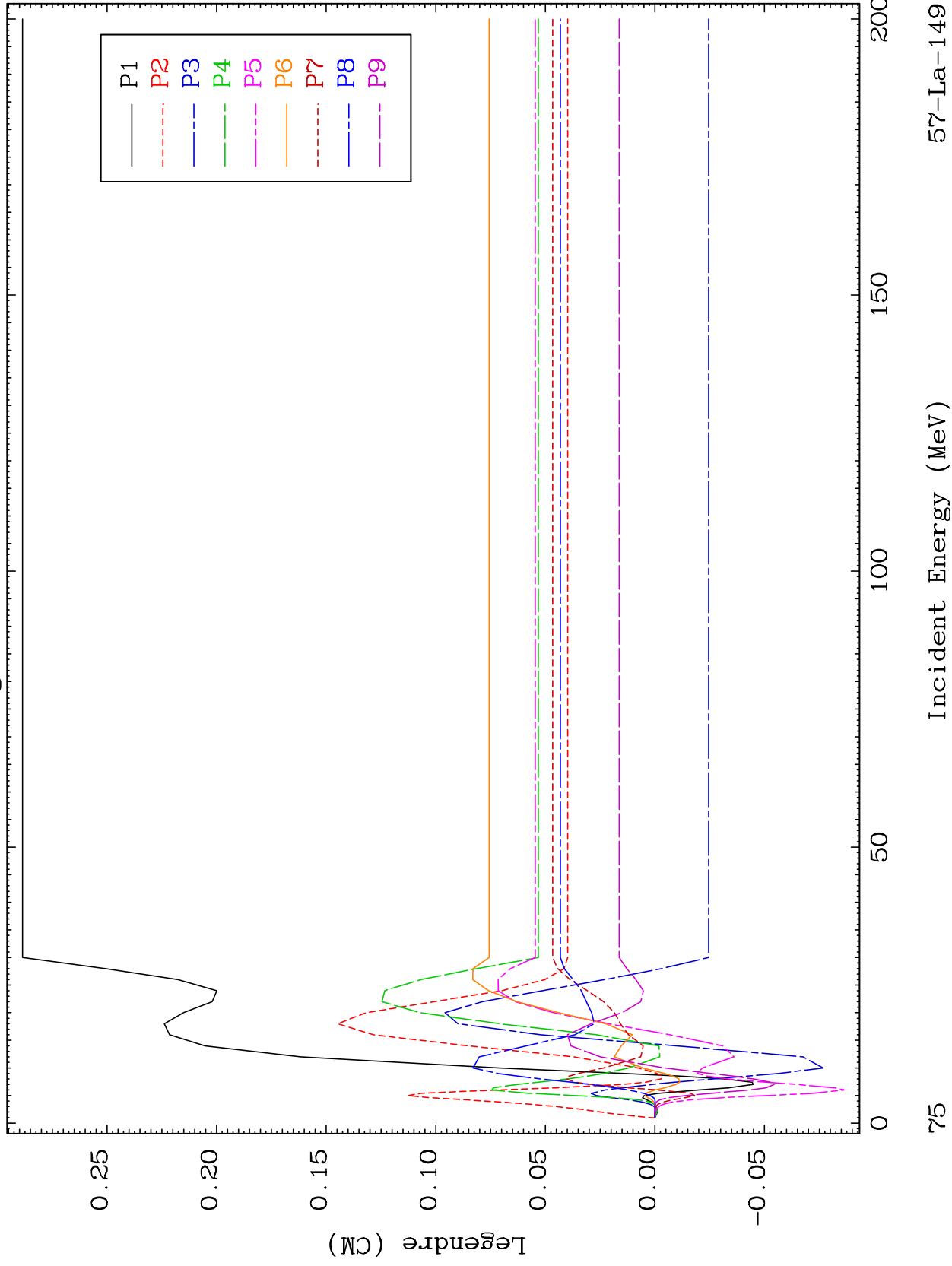
57-La-149



MAT 5758

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

57-La-149



57-La-149

Incident Energy (MeV)

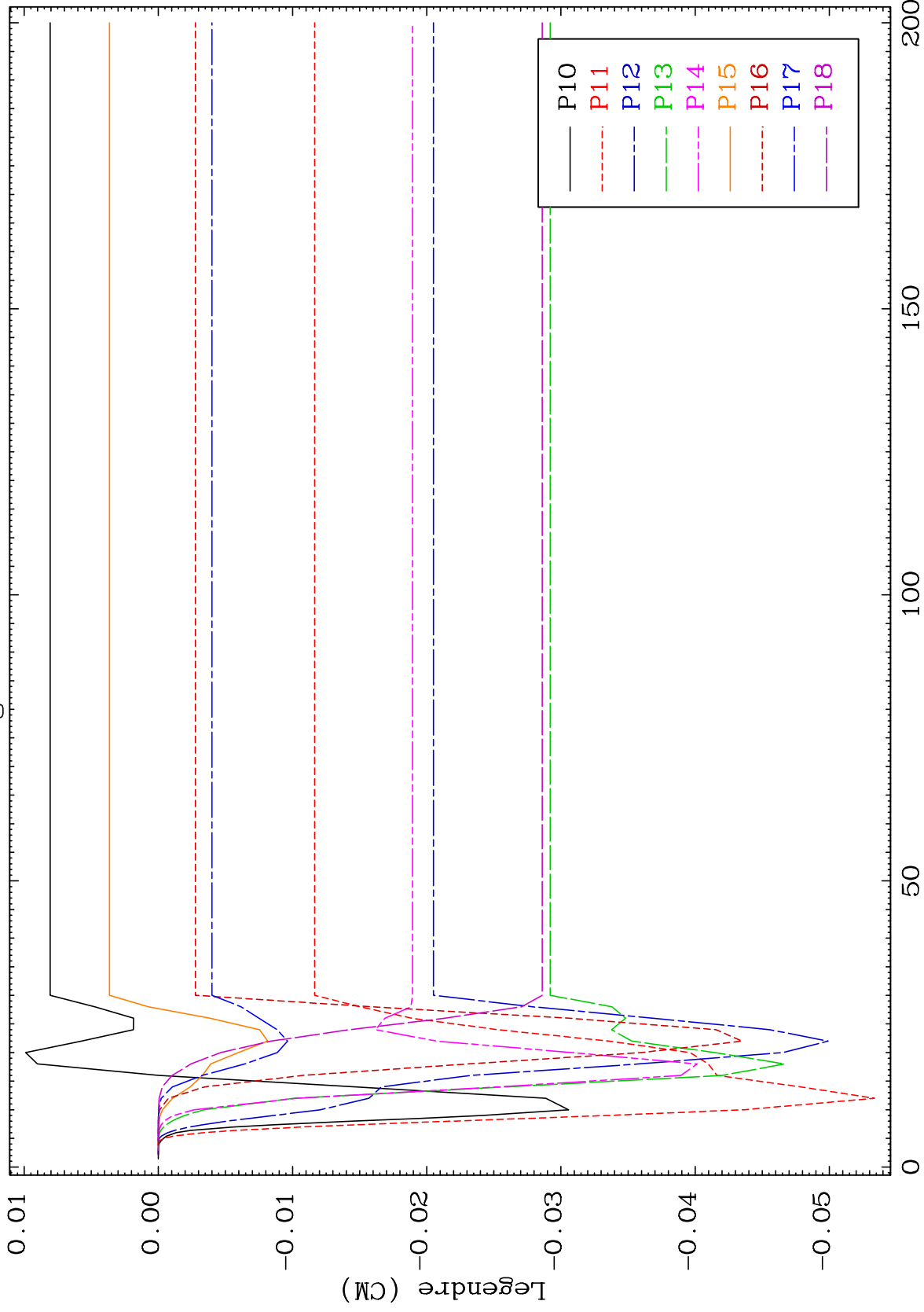
75

MAT 5758

MT= 65 (n,n') Level

57-La-149

Legendre Coefficients



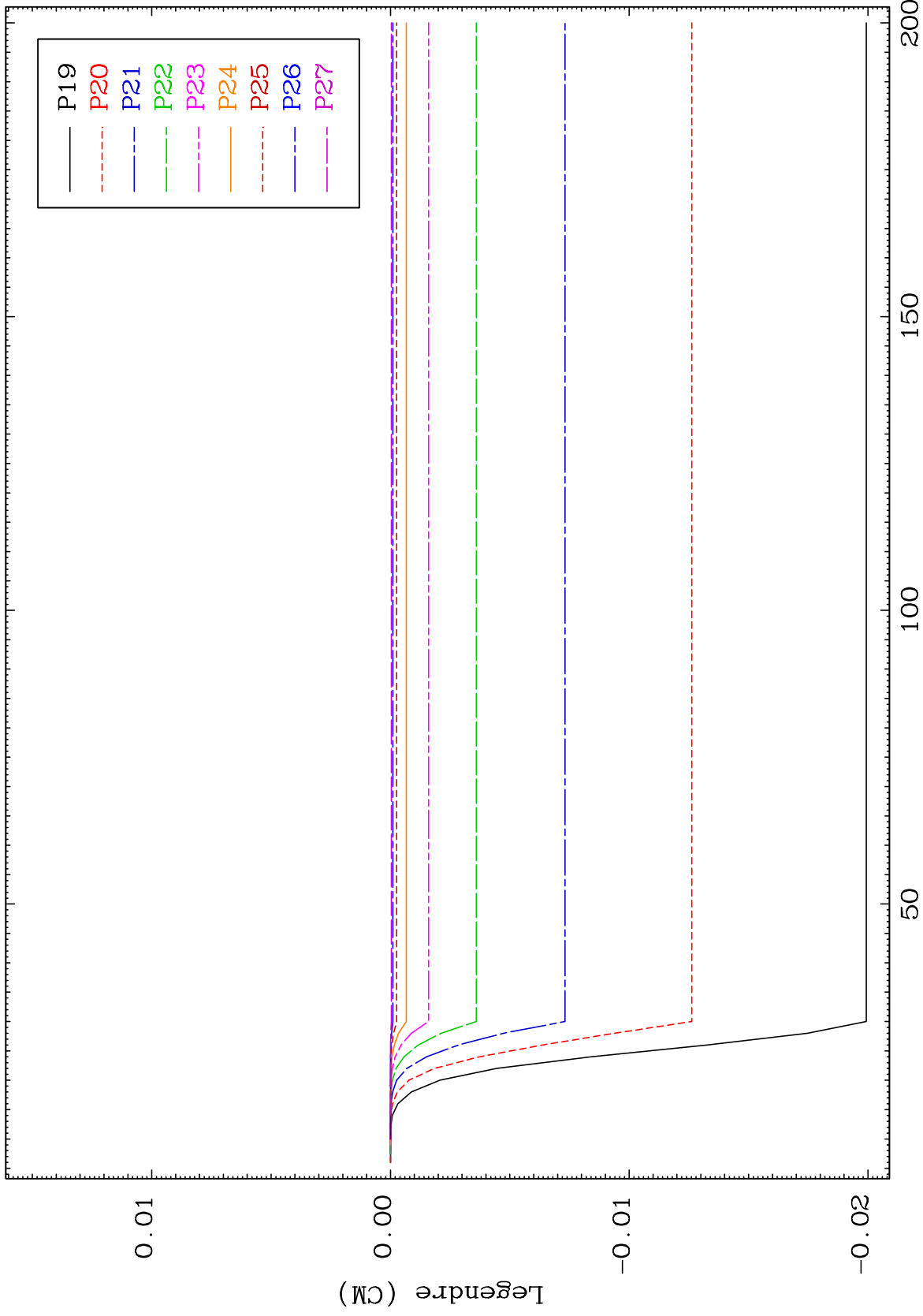
76

57-La-149

MAT 5758

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

57-La-149



77

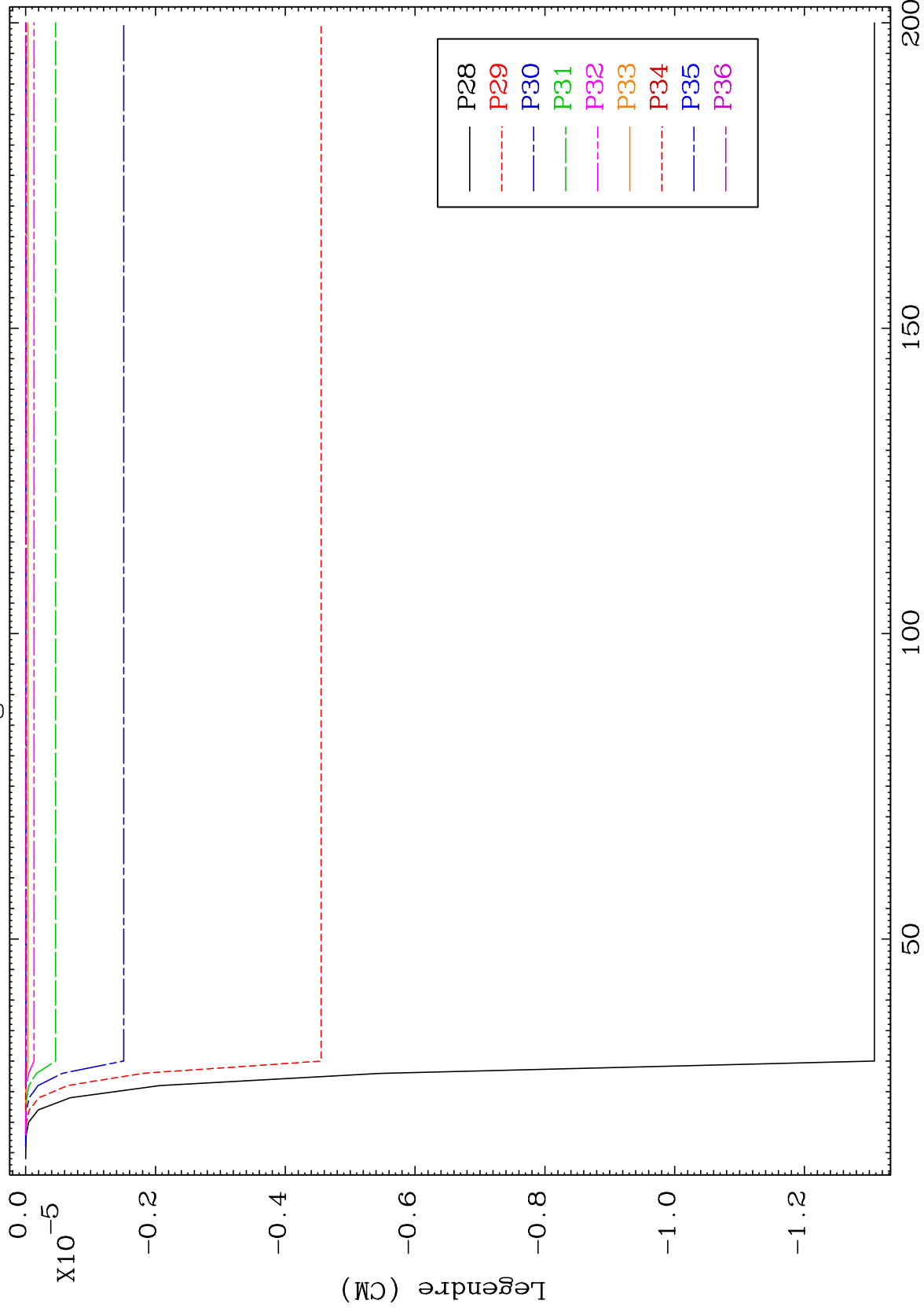
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



78

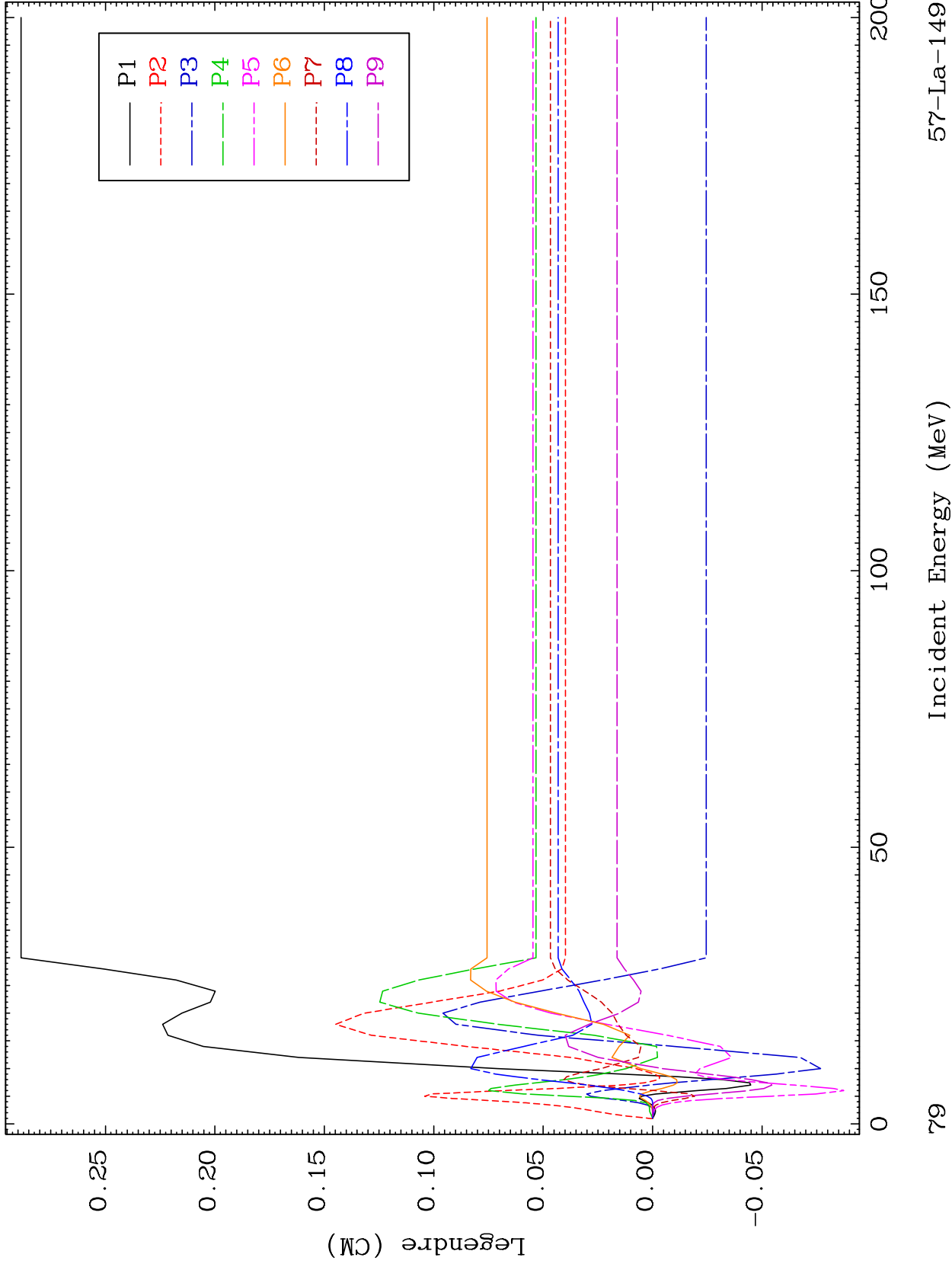
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



79

Incident Energy (MeV)

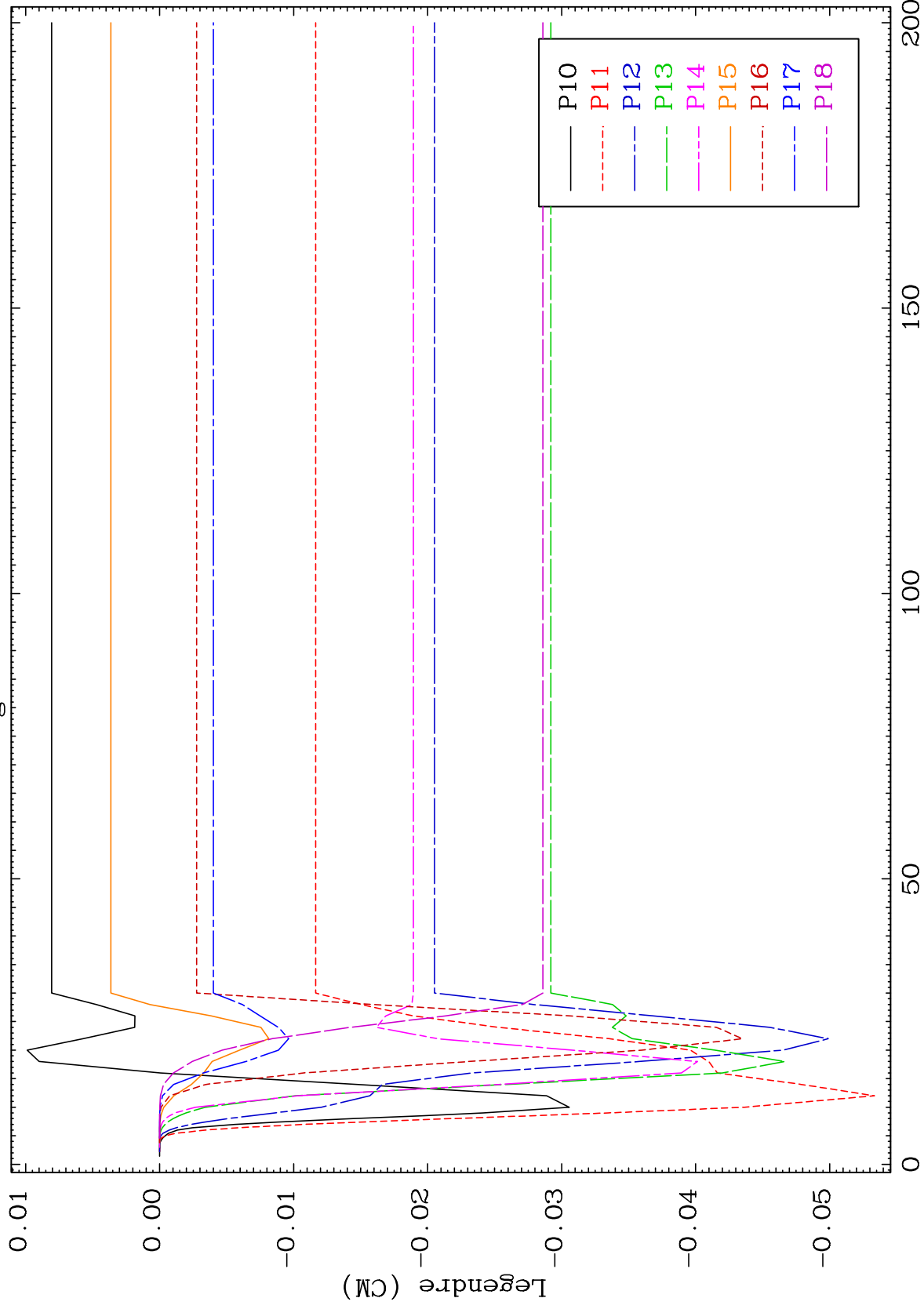
57-La-149



MAT 5758

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

57-La-149



57-La-149

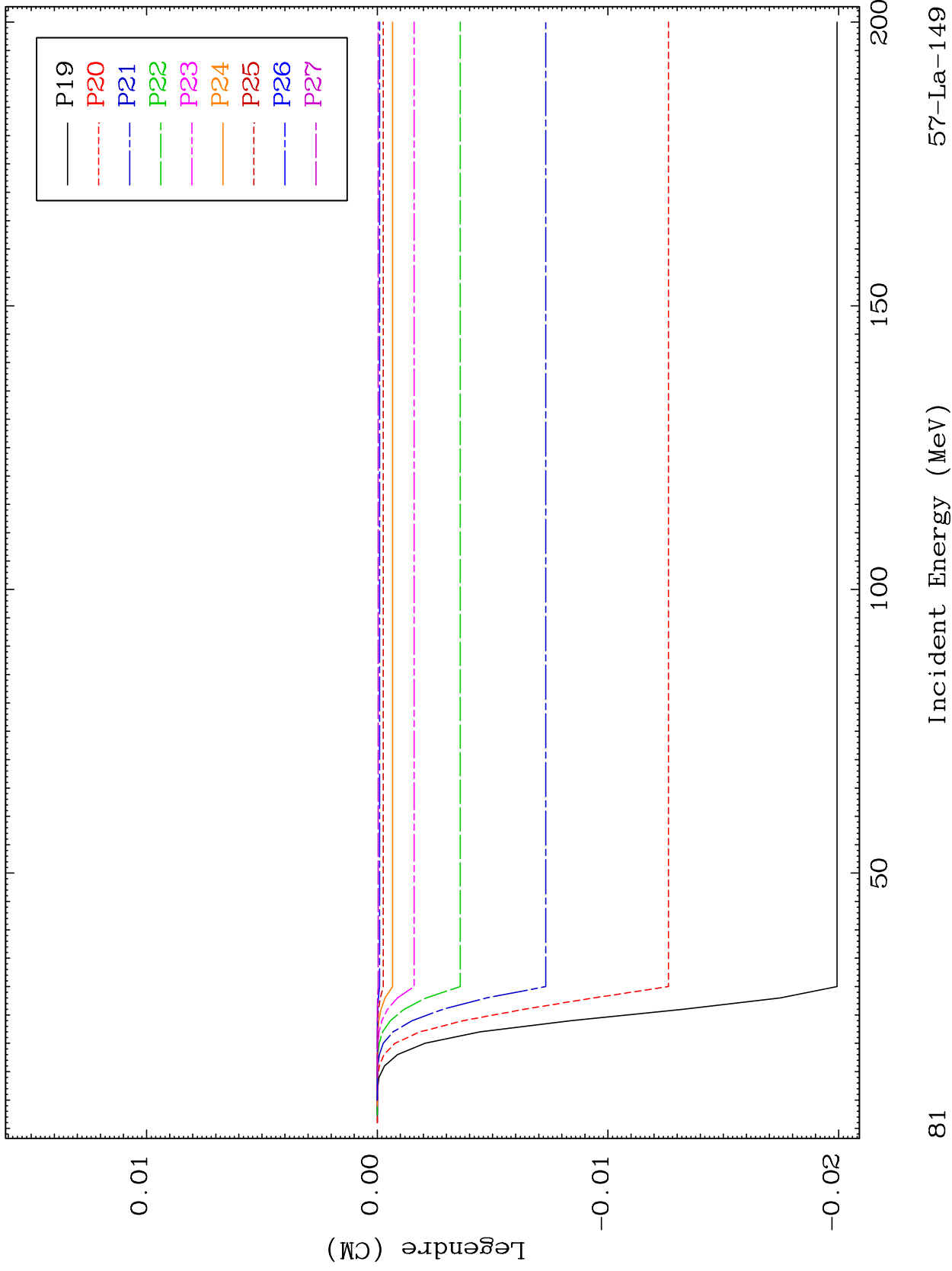
Incident Energy (MeV)

80

MAT 5758

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

57-La-149



81

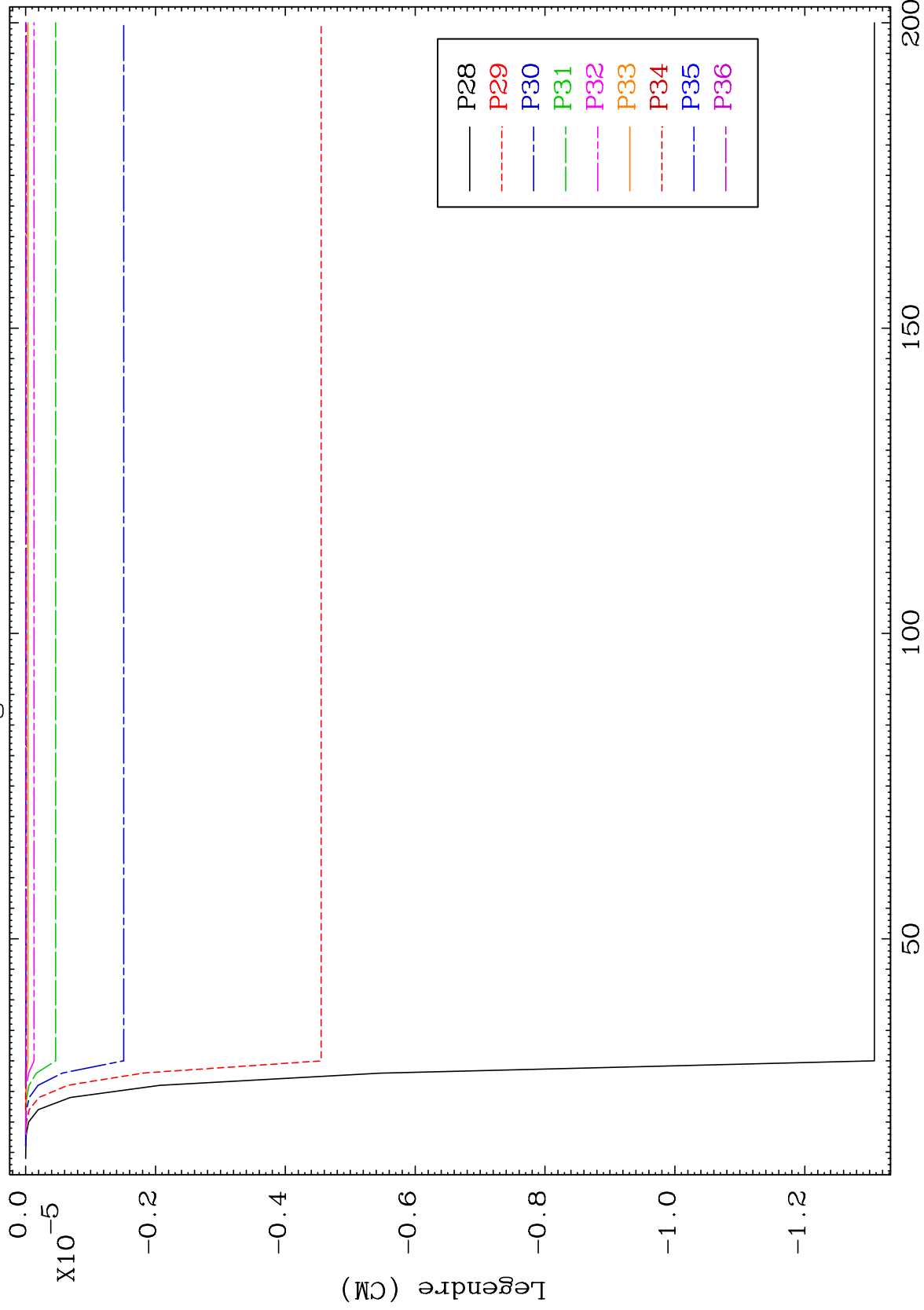
Incident Energy (MeV)

57-La-149

MAT 5758

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

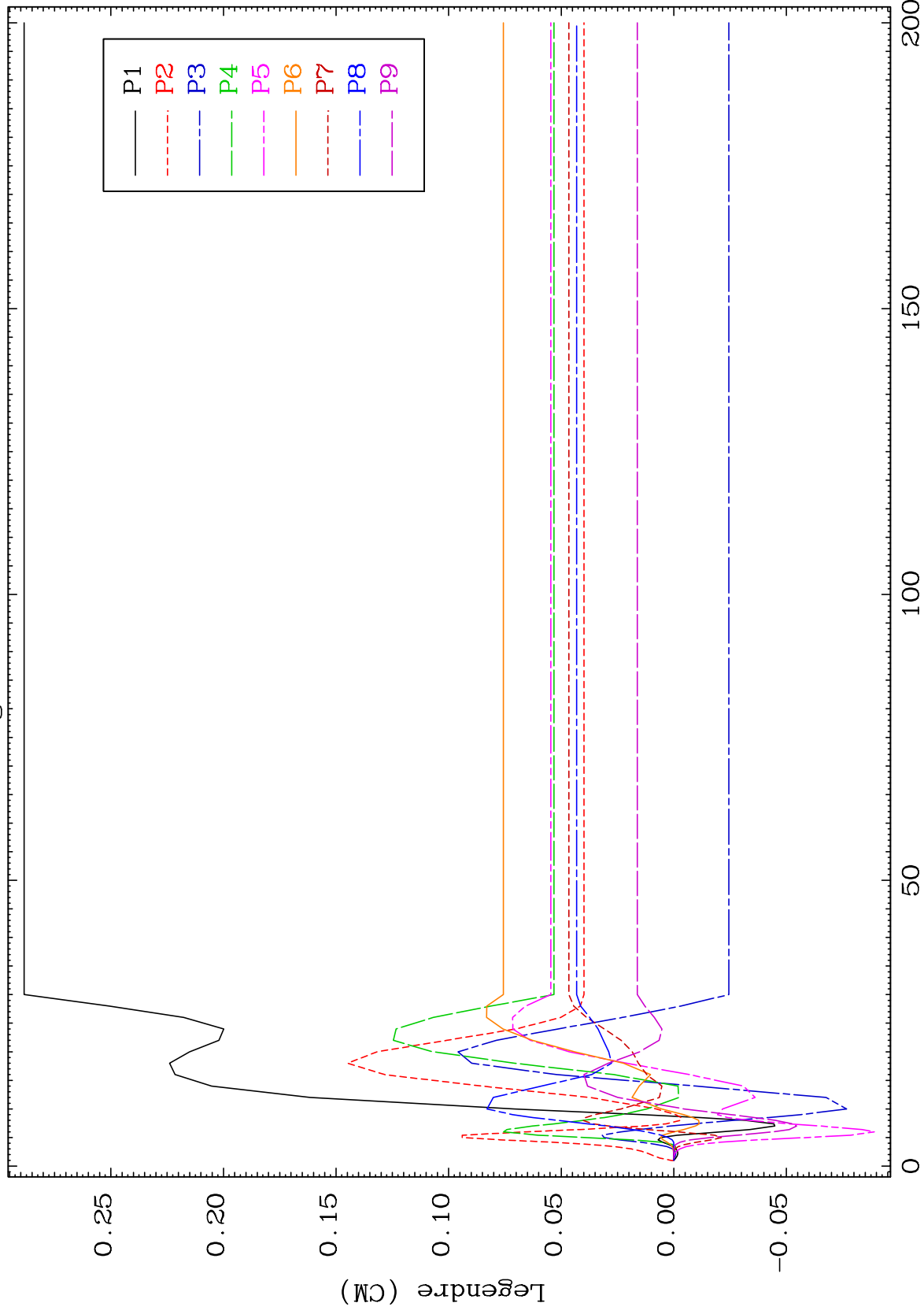
57-La-149



MAT 5758

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

57-La-149



83

Incident Energy (MeV)

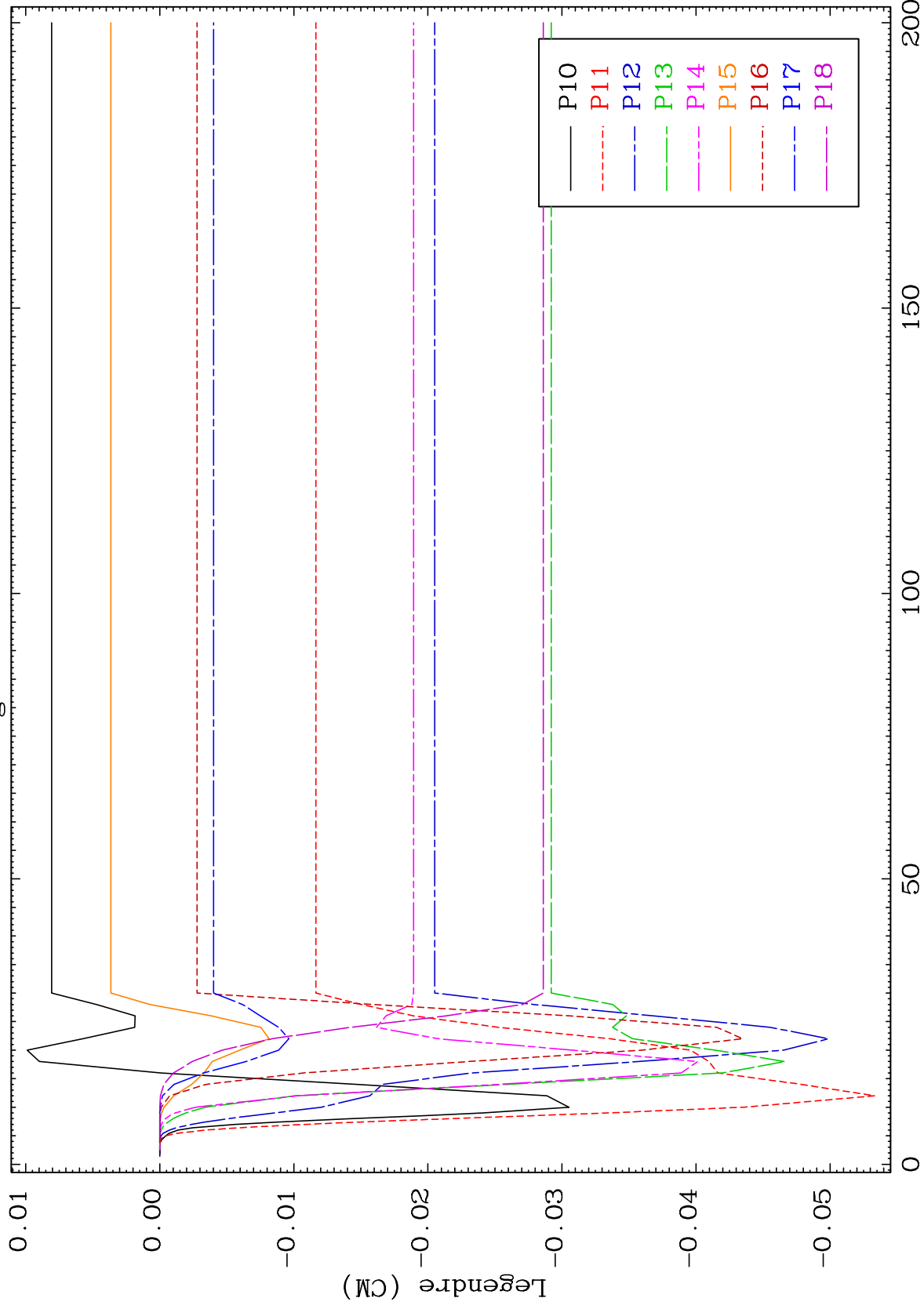
57-La-149

MAT 5758

MT= 67 (n,n') Level

57-La-149

Legendre Coefficients



84

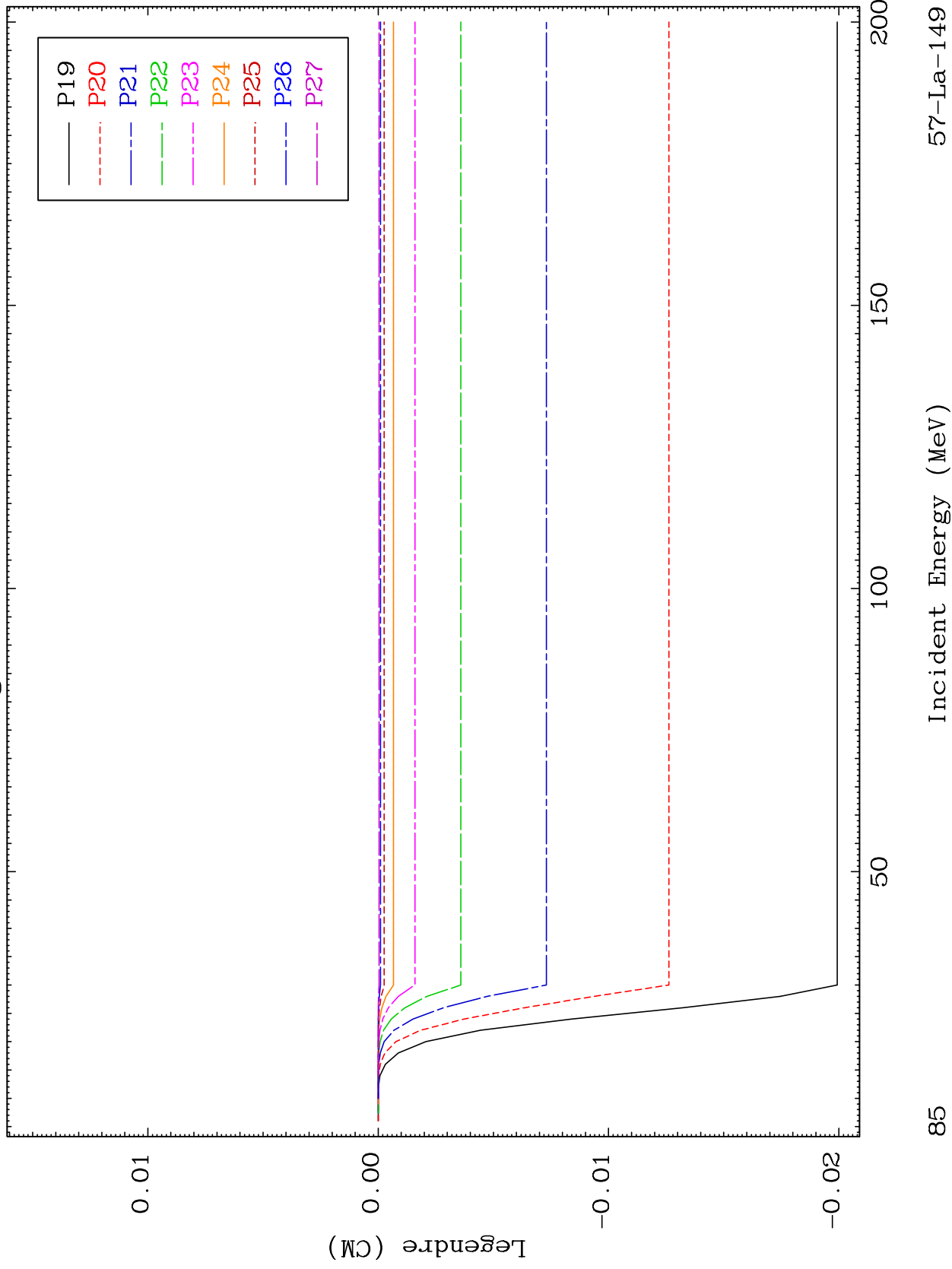
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



85

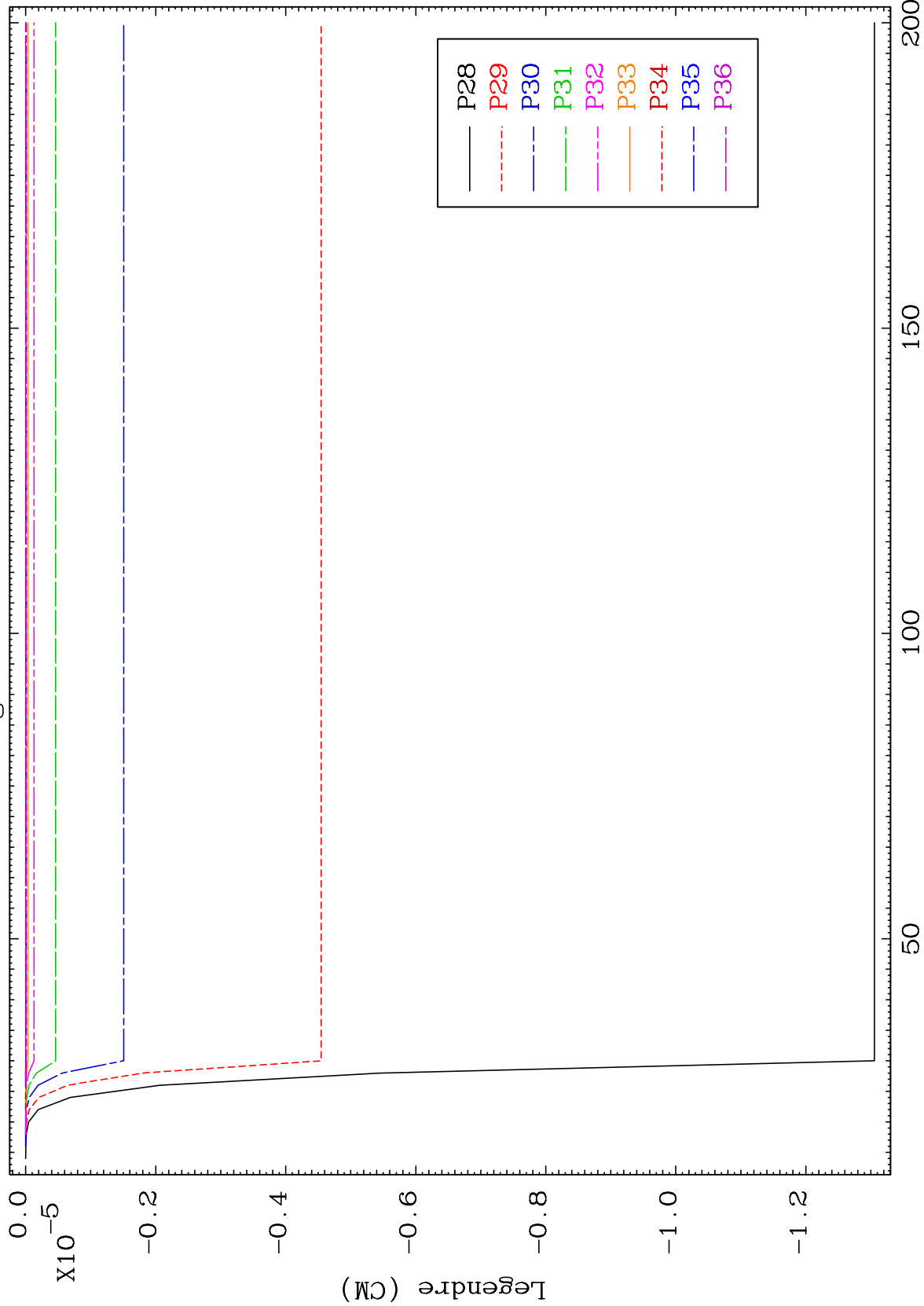
Incident Energy (MeV)

57-La-149

MAT 5758

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

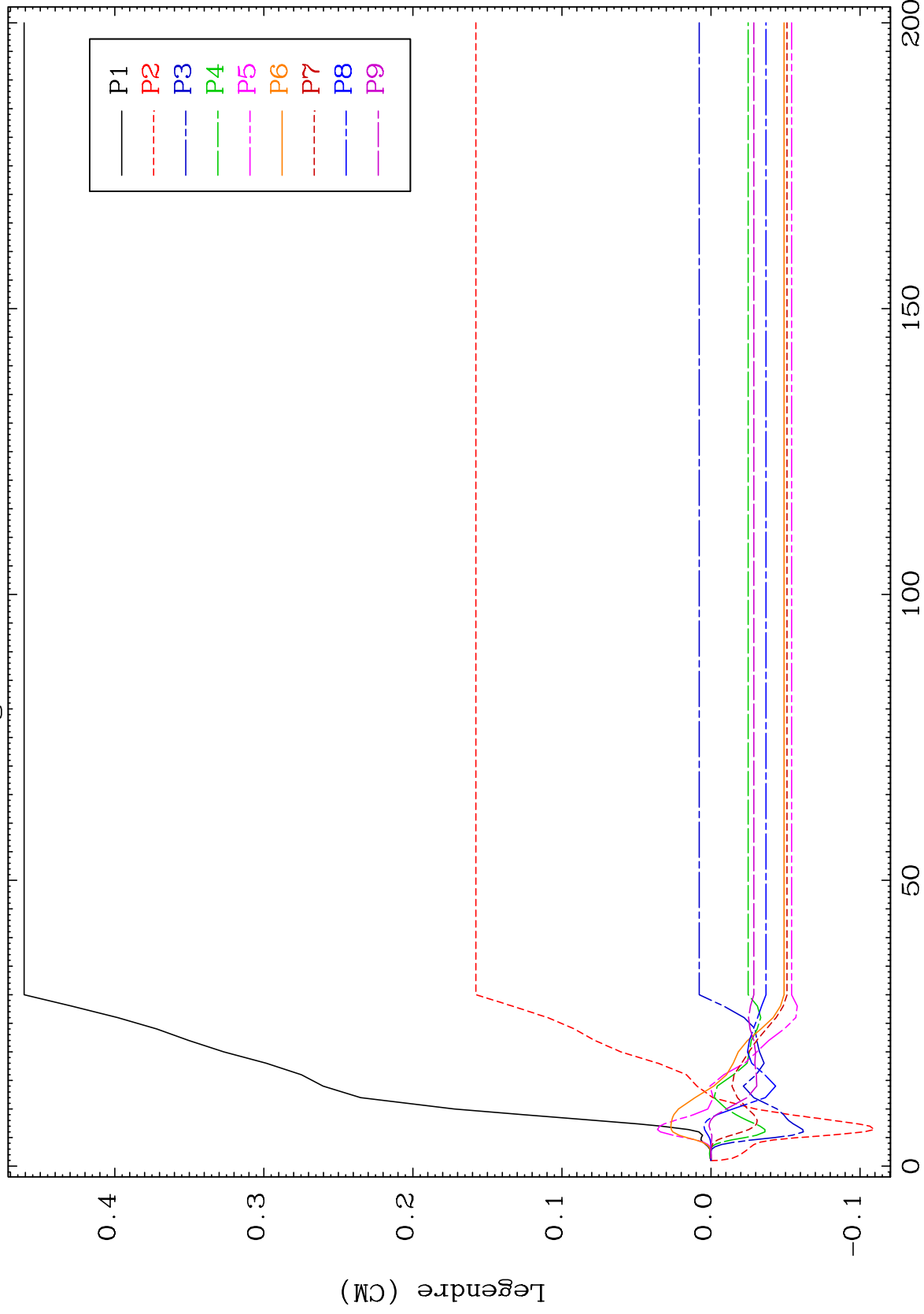
57-La-149



MAT 5758

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

57-La-149



87

Incident Energy (MeV)

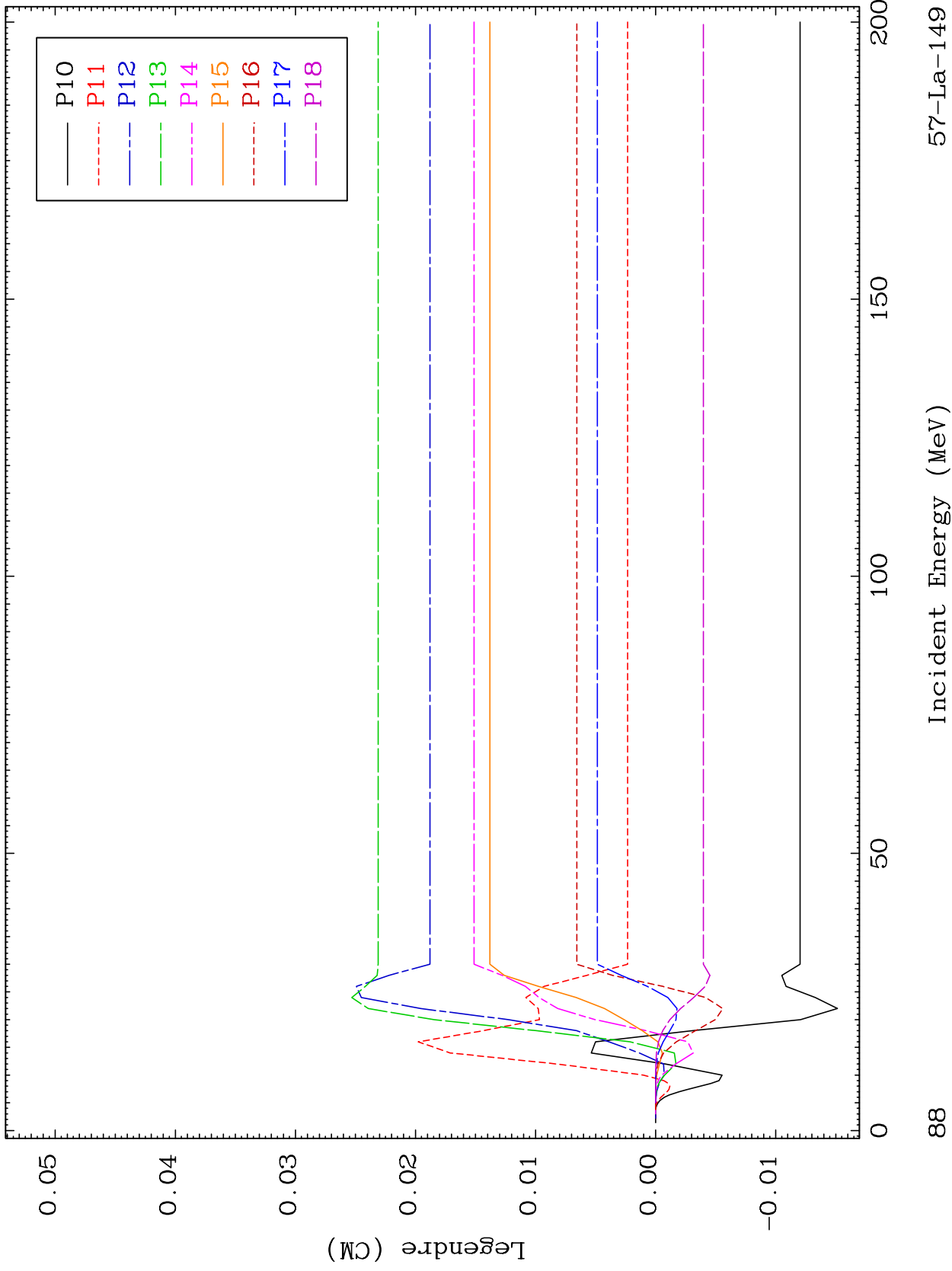
57-La-149



MAT 5758

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

57-La-149



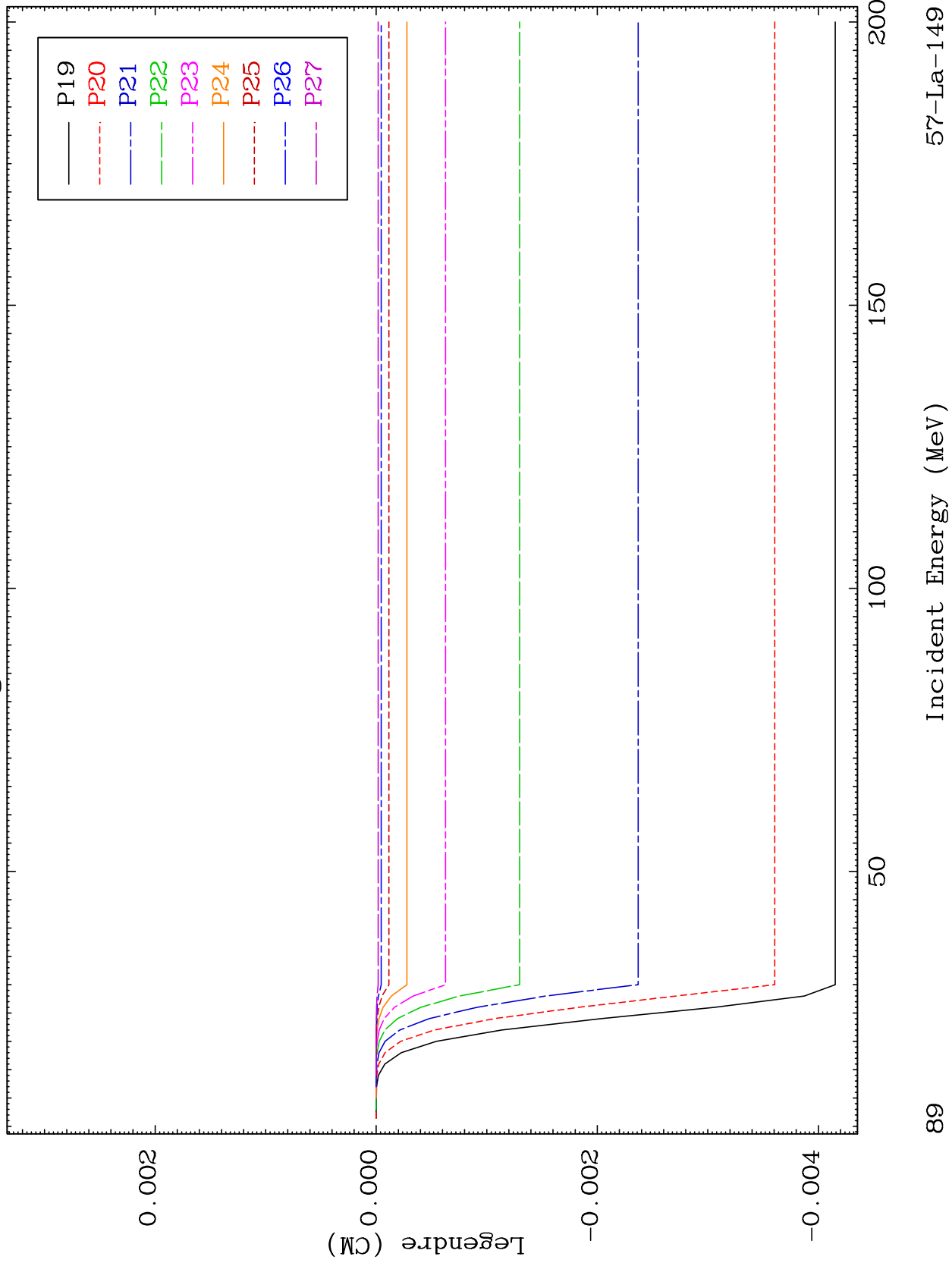
57-La-149

Incident Energy (MeV)

MAT 5758

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

57-La-149



89

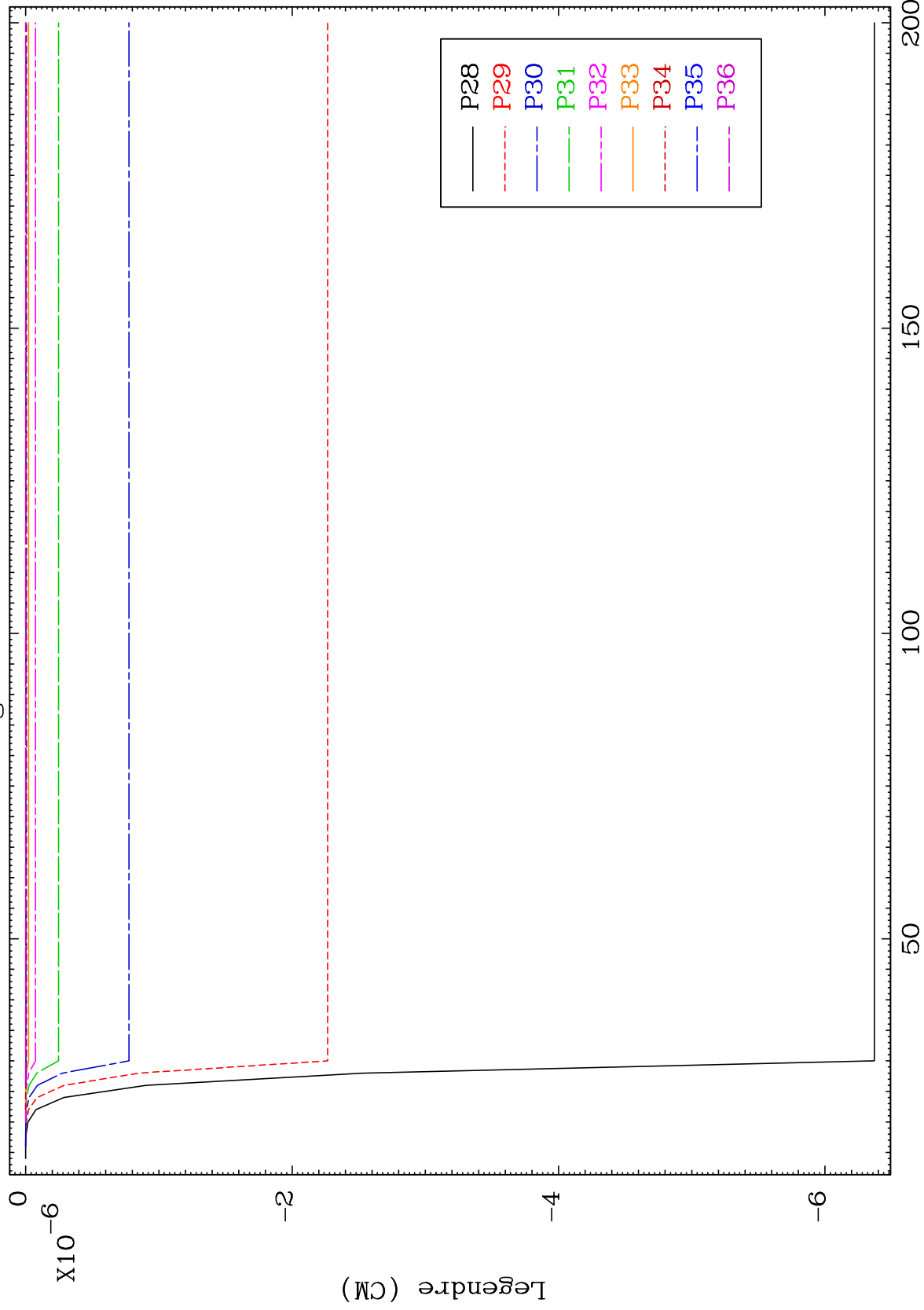
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



90

Incident Energy (MeV)

50

100

150

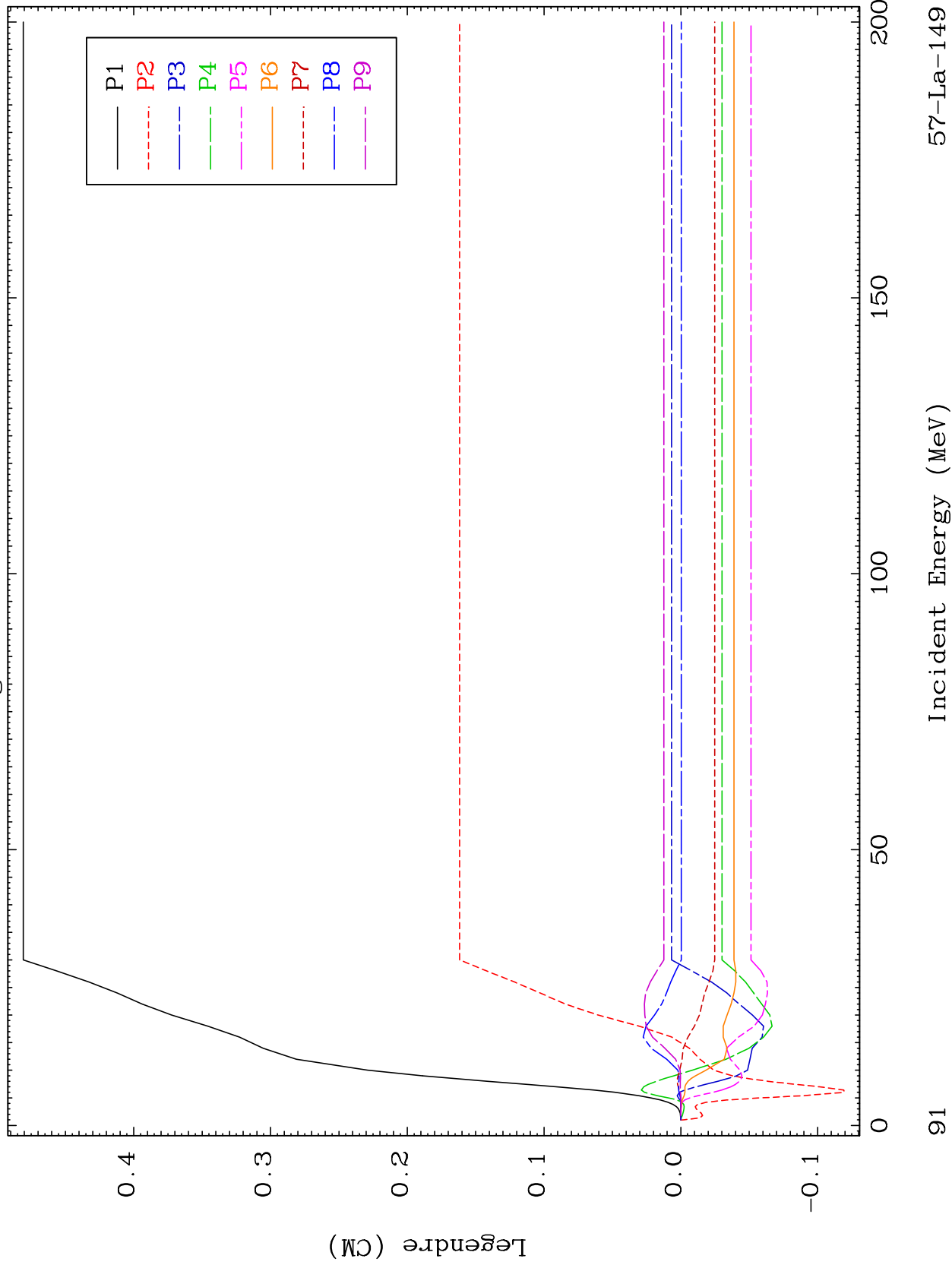
200

57-La-149

MAT 5758

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

57-La-149



57-La-149

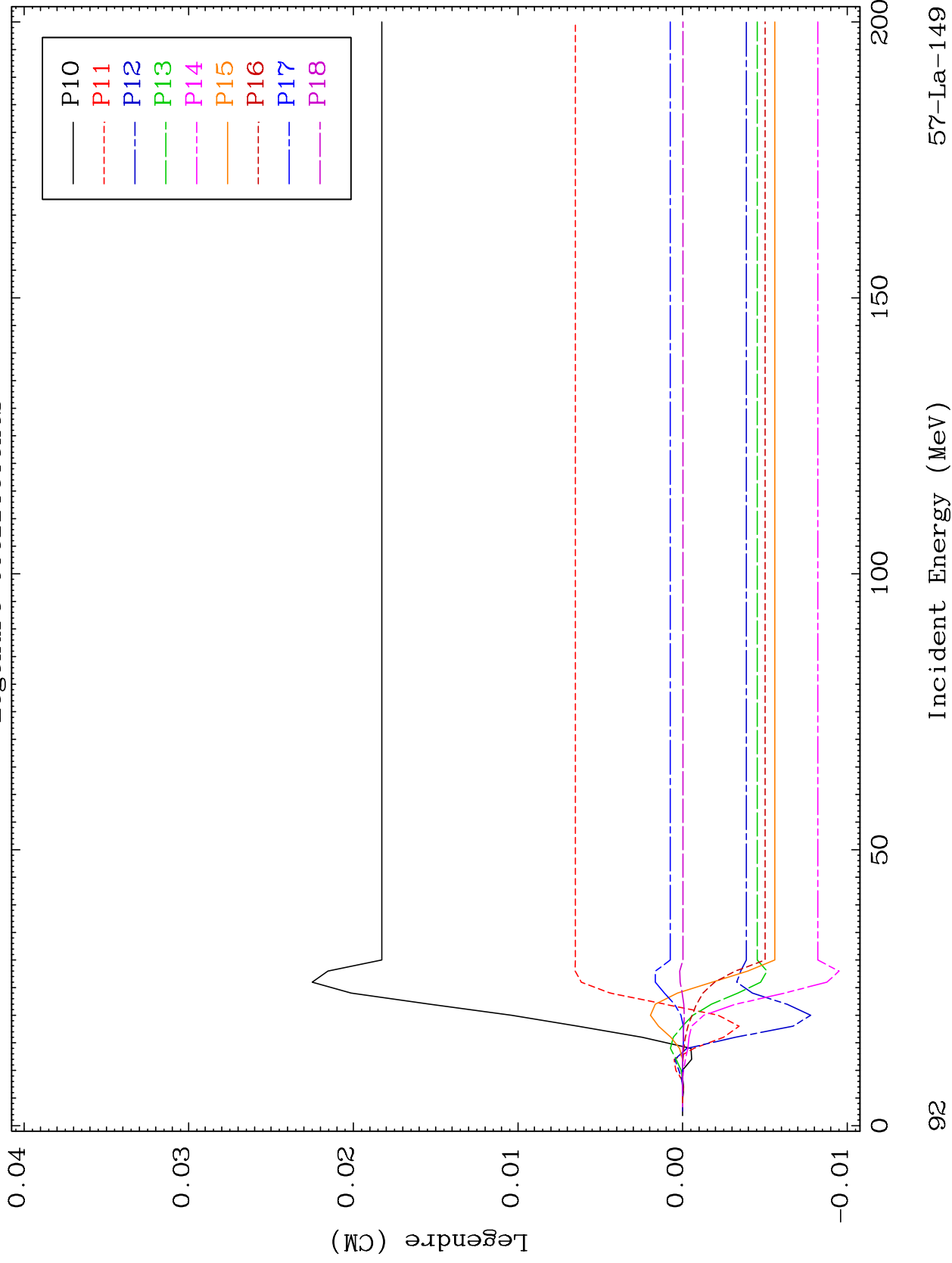
Incident Energy (MeV)

91

MAT 5758

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

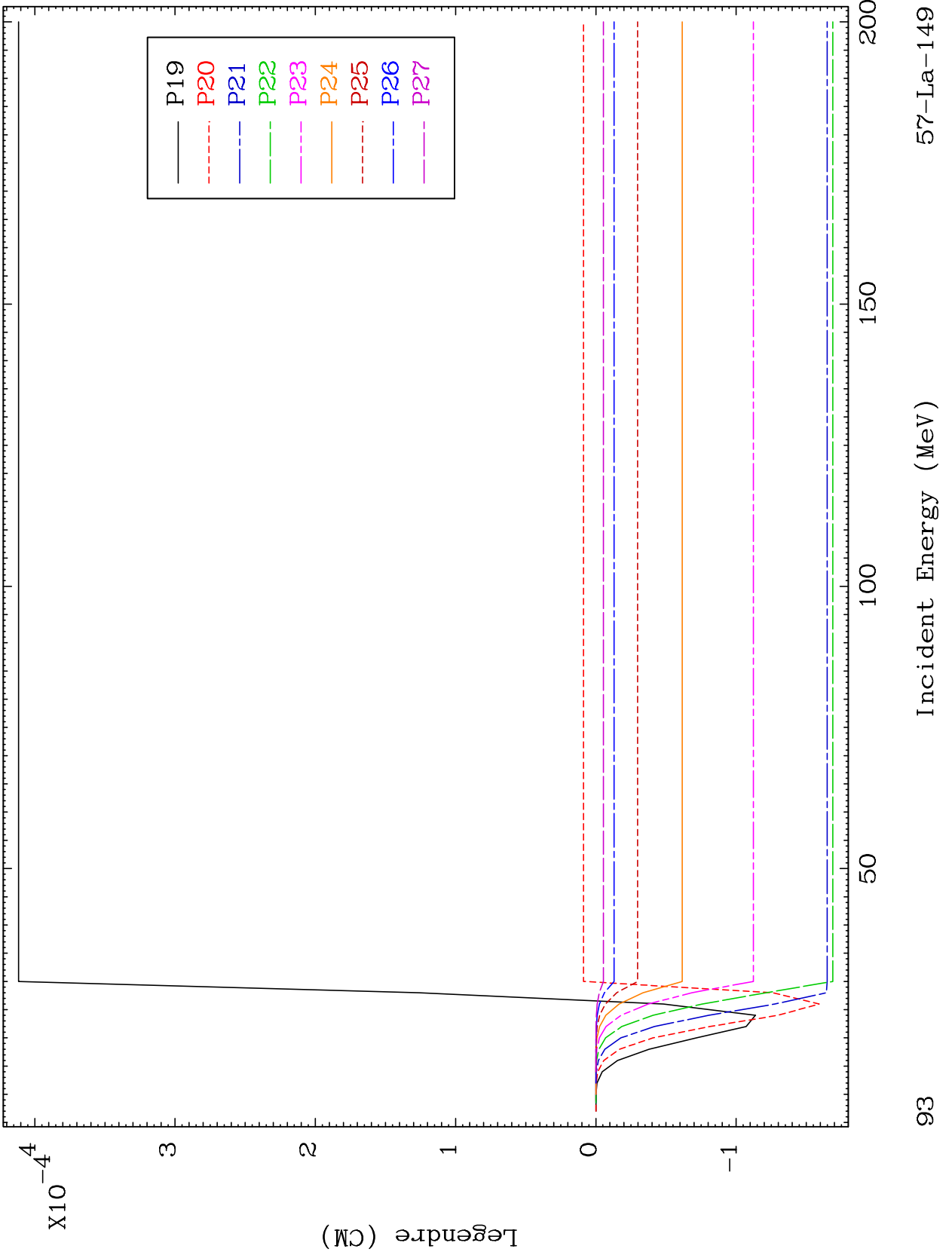
57-La-149

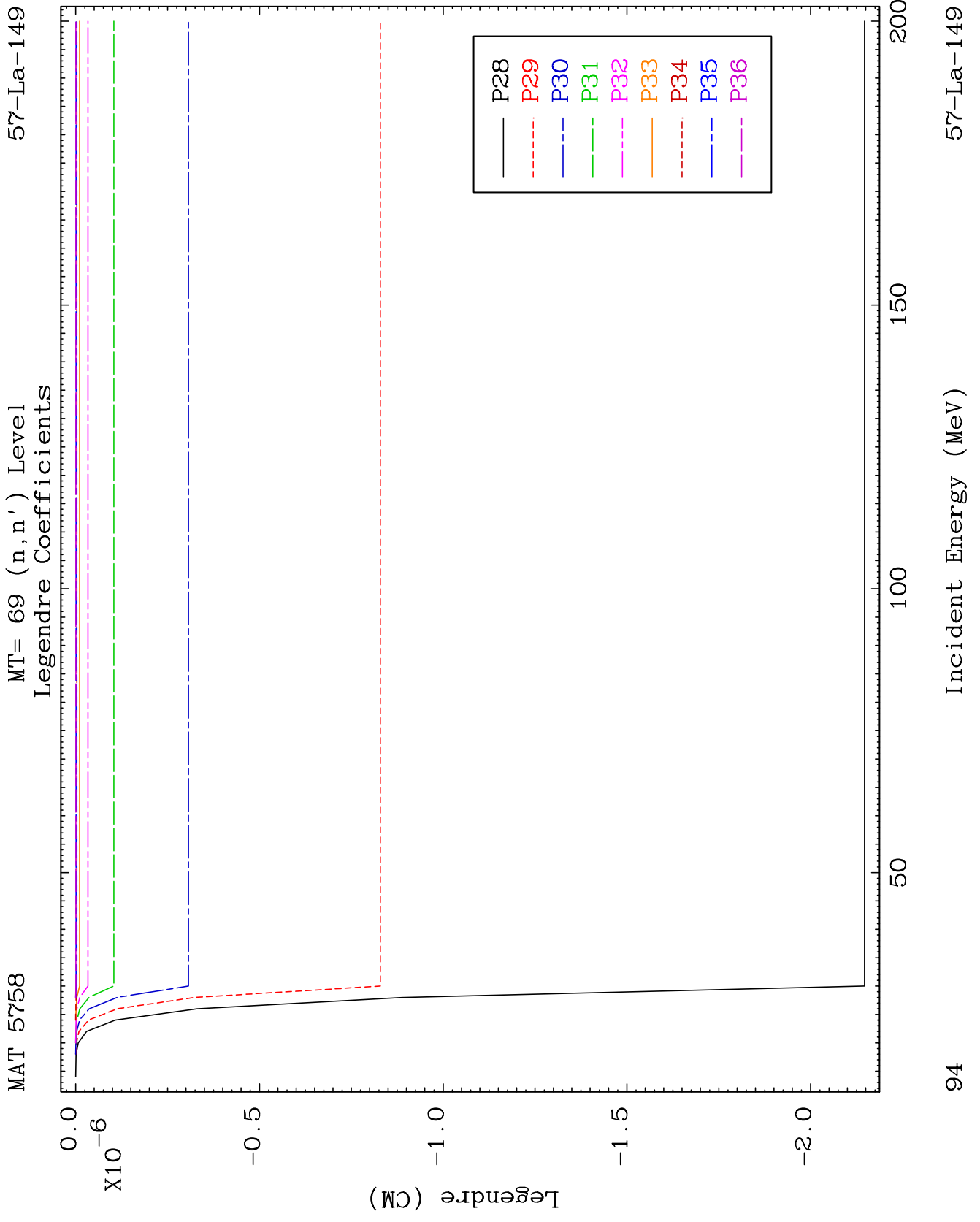


57-La-149

Incident Energy (MeV)

92

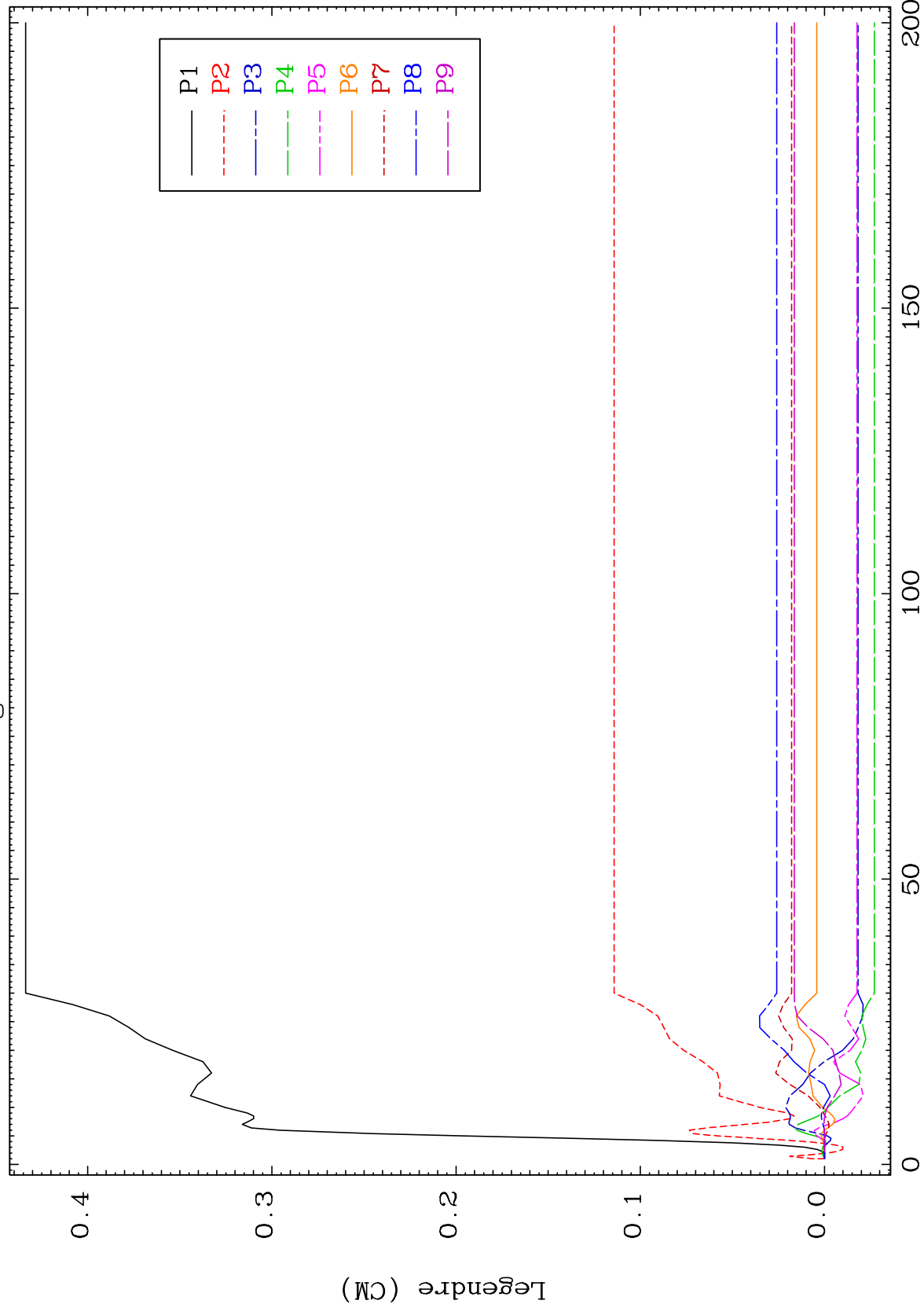




MAT 5758

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

57-La-149



95

Incident Energy (MeV)

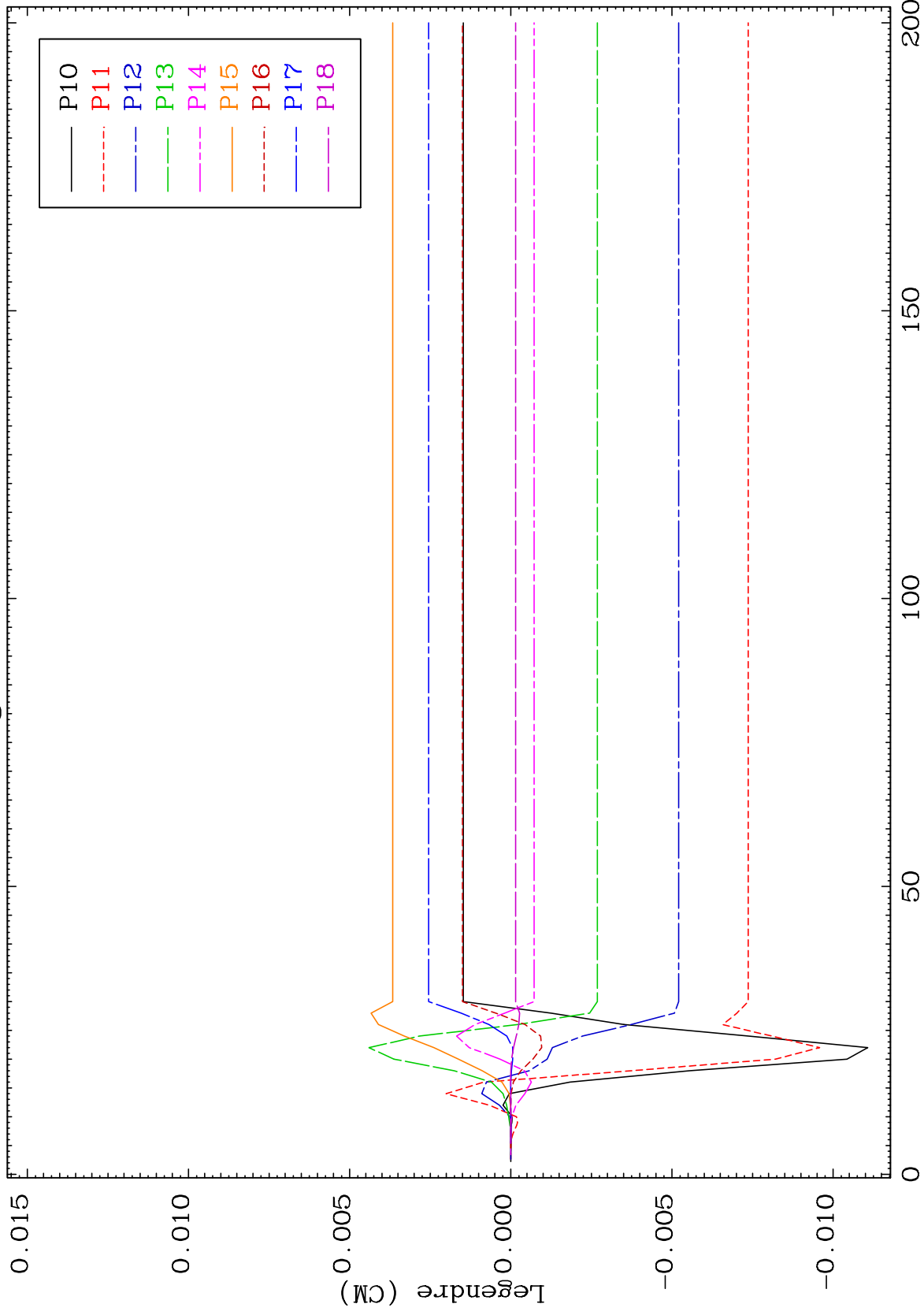
57-La-149



MAT 5758

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

57-La-149



96

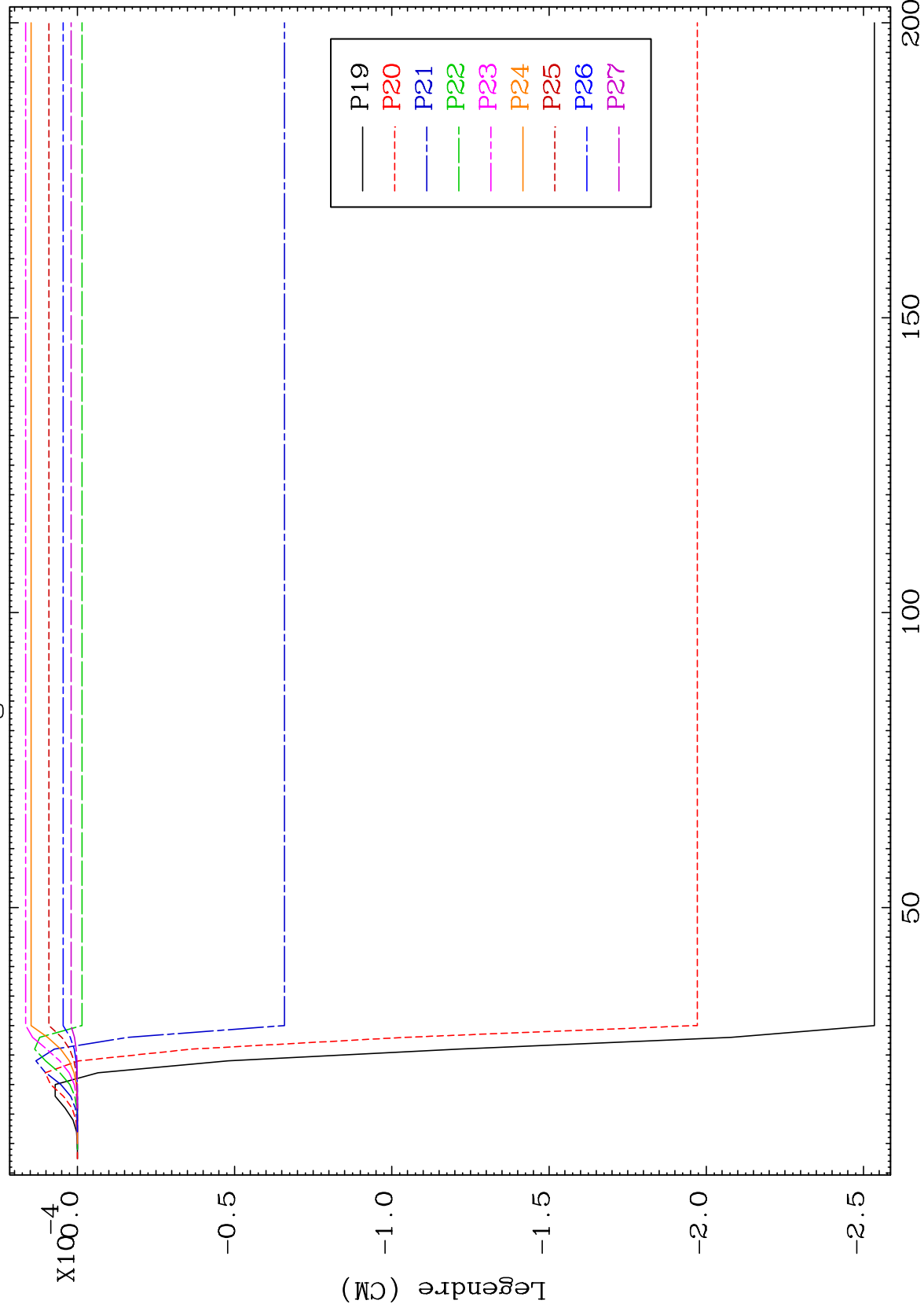
Incident Energy (MeV)

57-La-149

MAT 5758

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

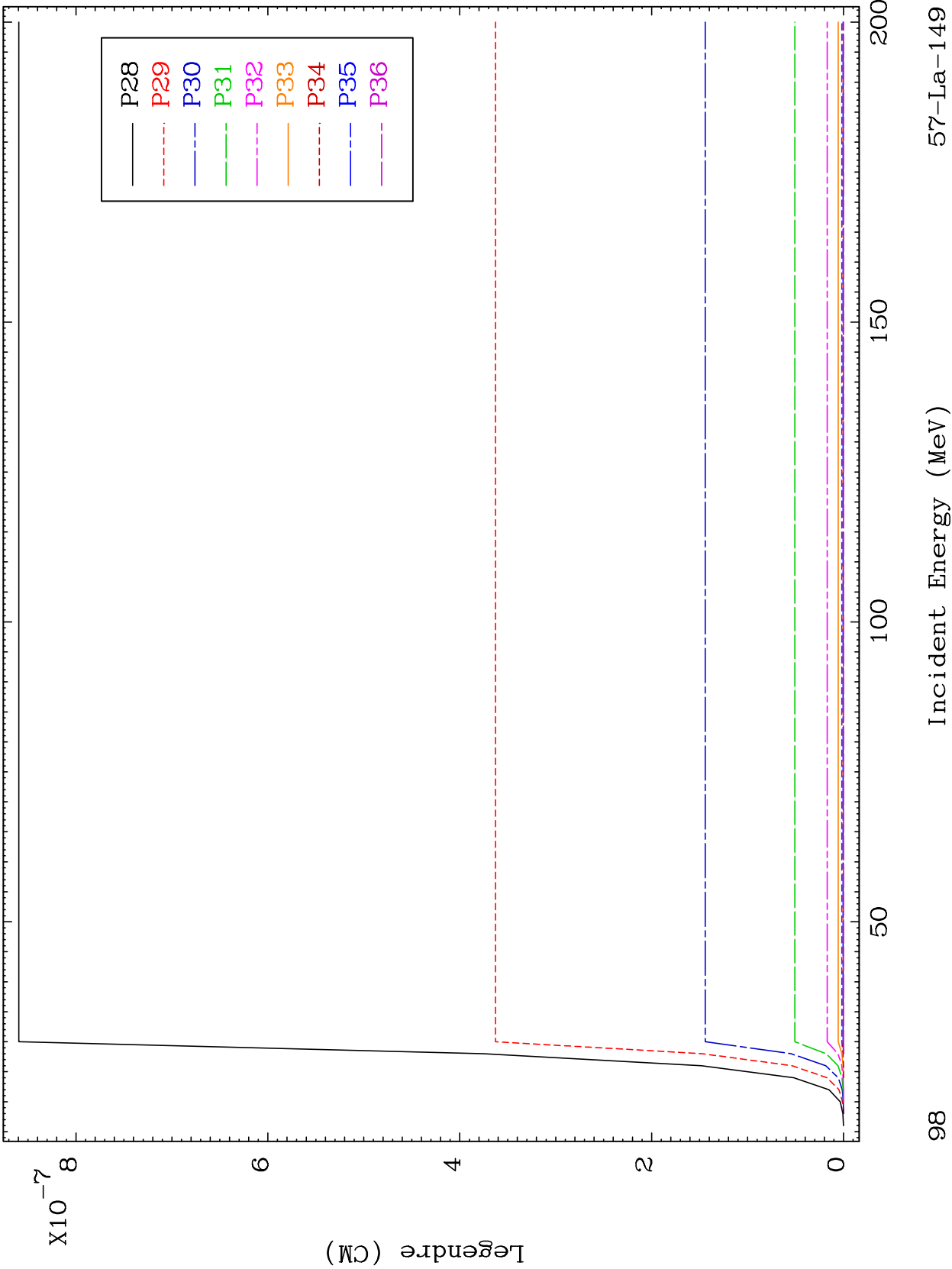
57-La-149



MAT 5758

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

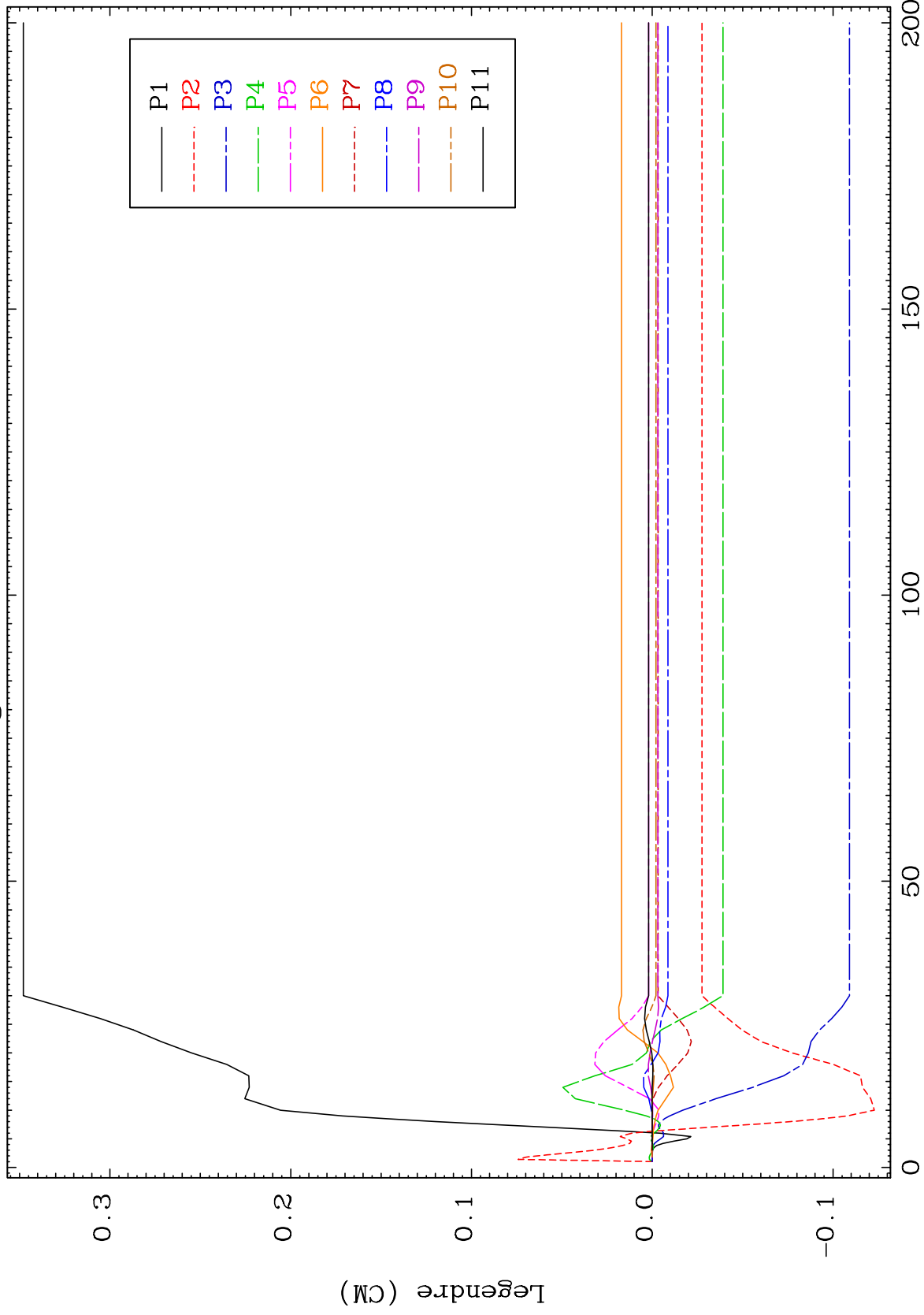
57-La-149



MAT 5758

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

57-La-149



99

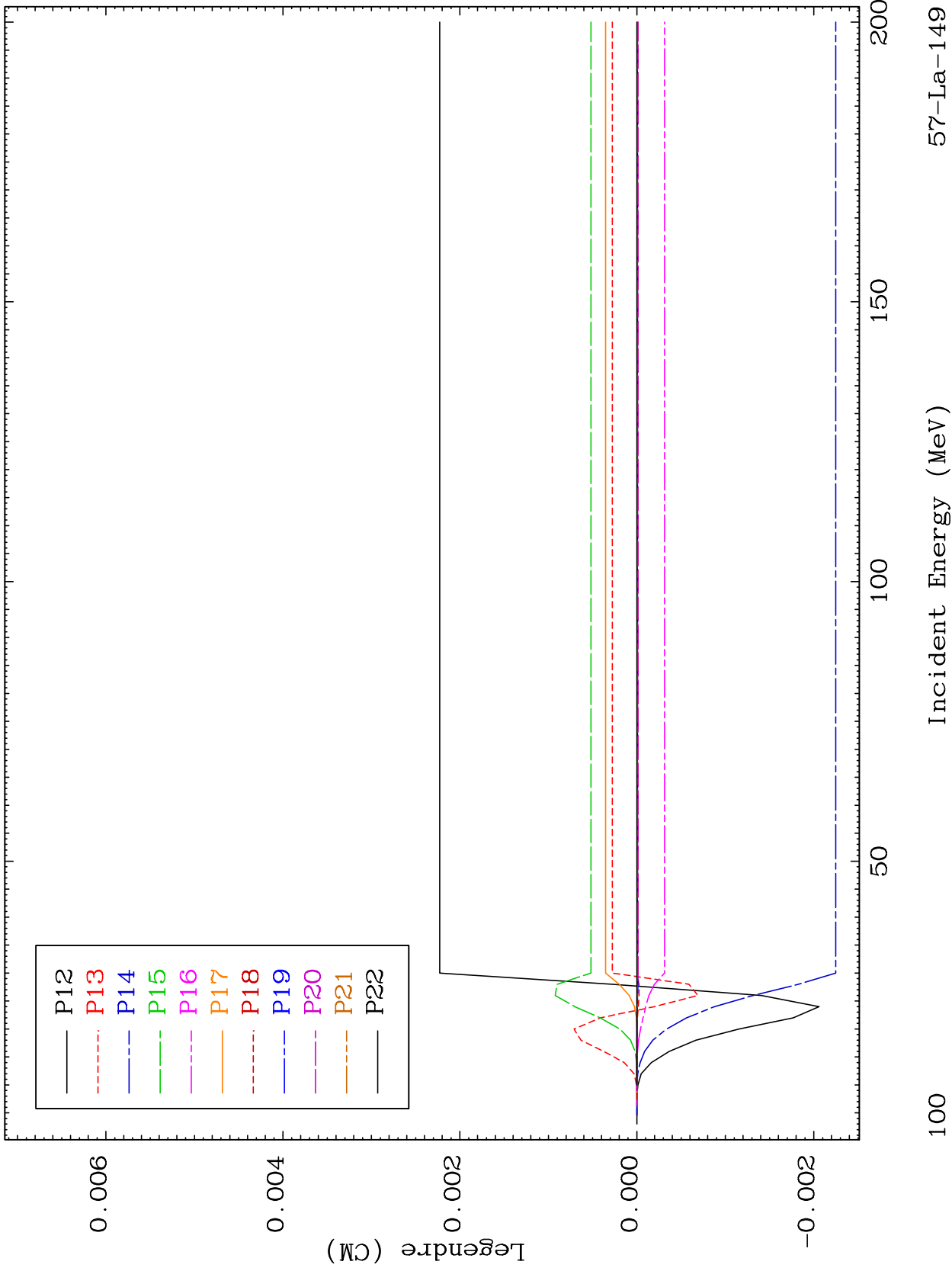
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

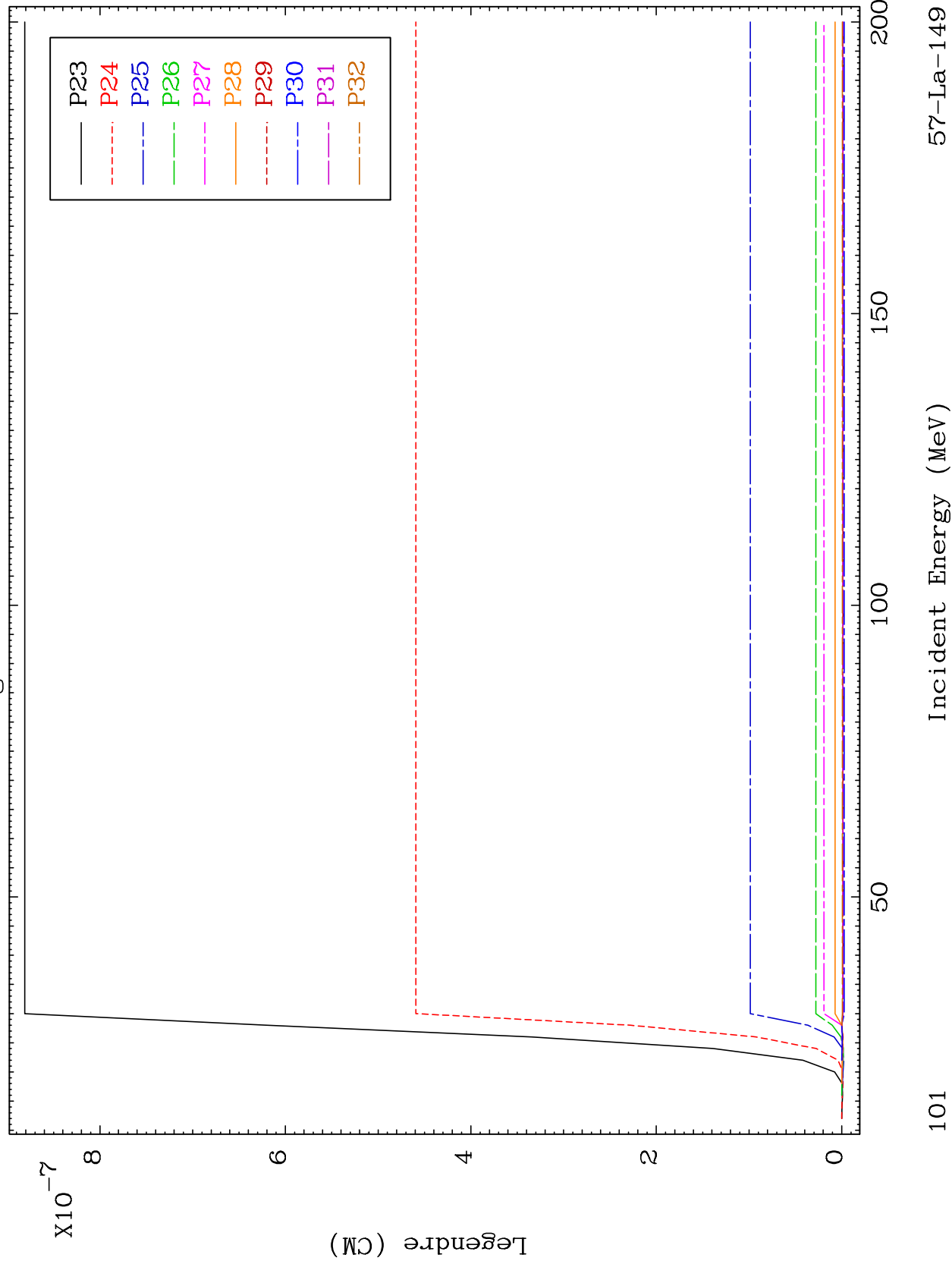
Incident Energy (MeV)

100

MAT 5758

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

57-La-149



101

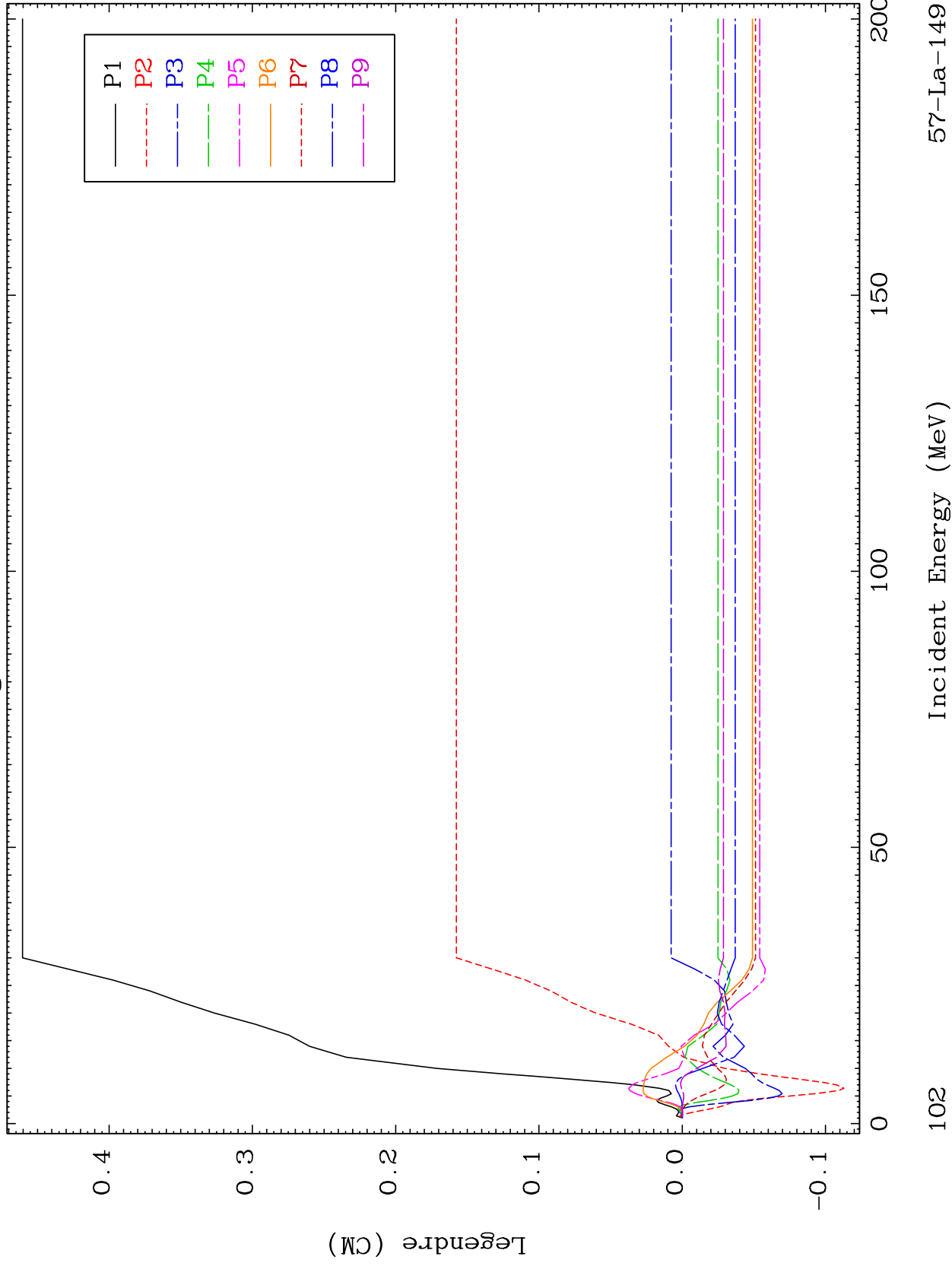
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

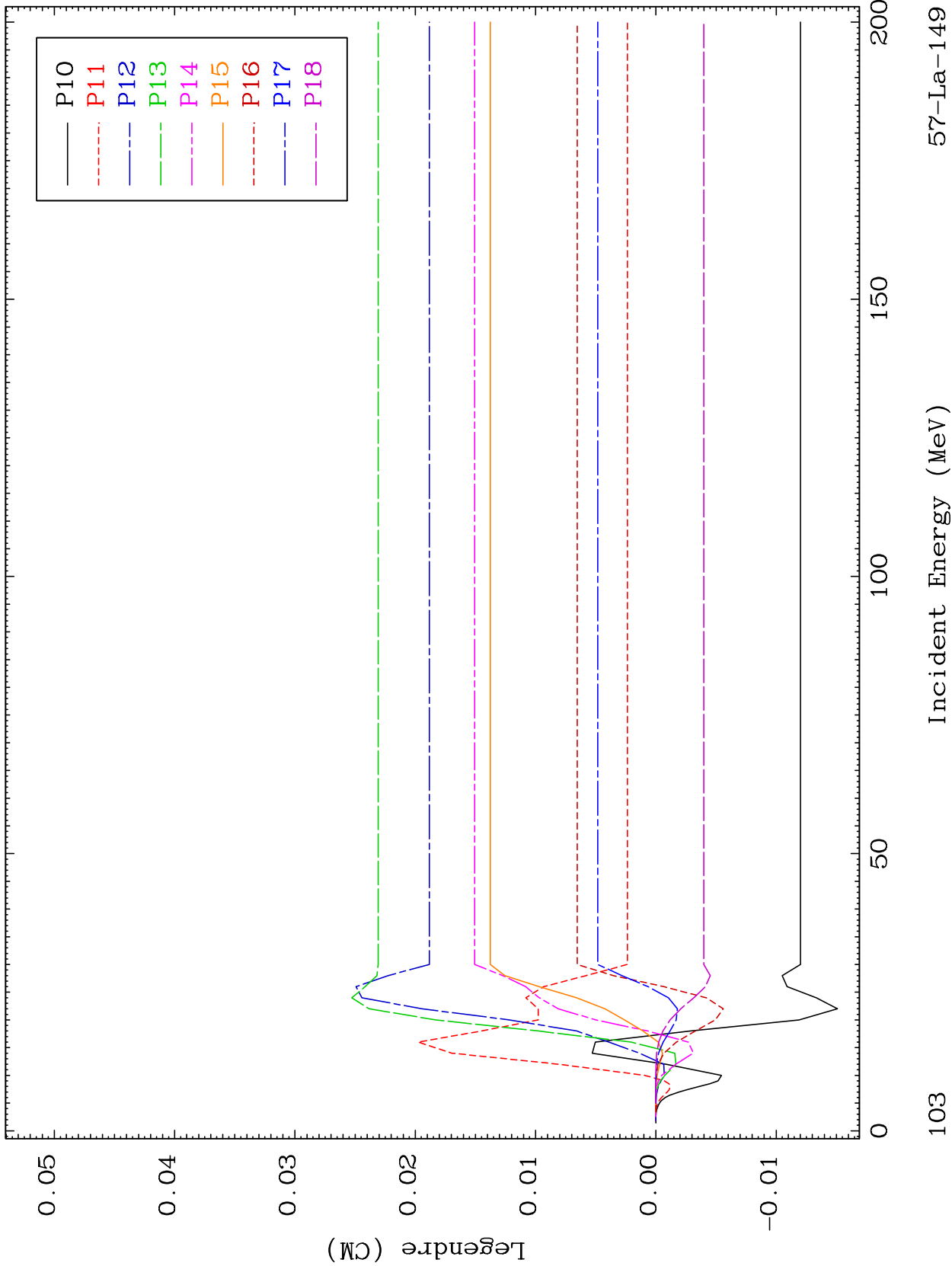
Incident Energy (MeV)

102

MAT 5758

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

57-La-149

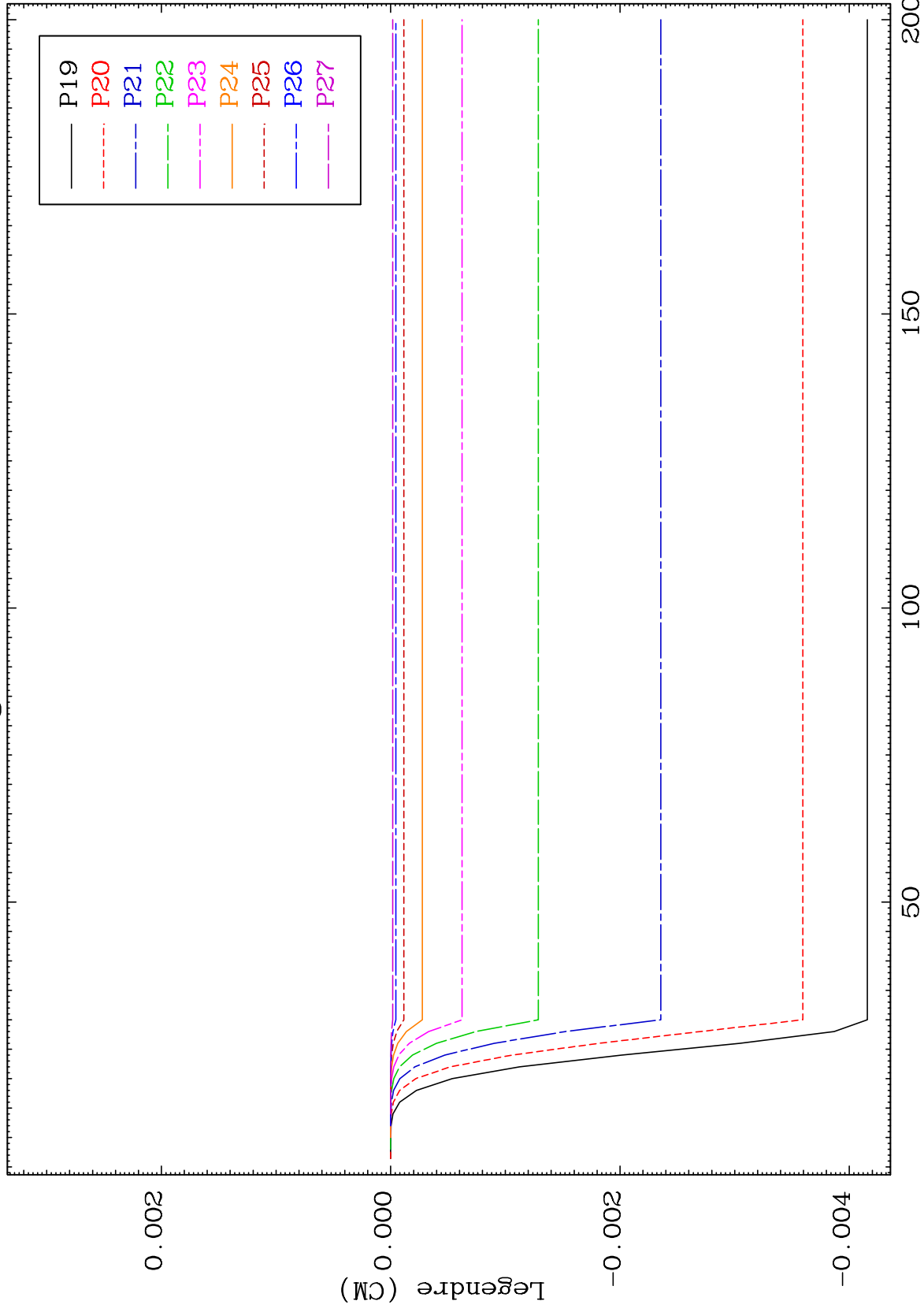




MAT 5758

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

57-La-149



104

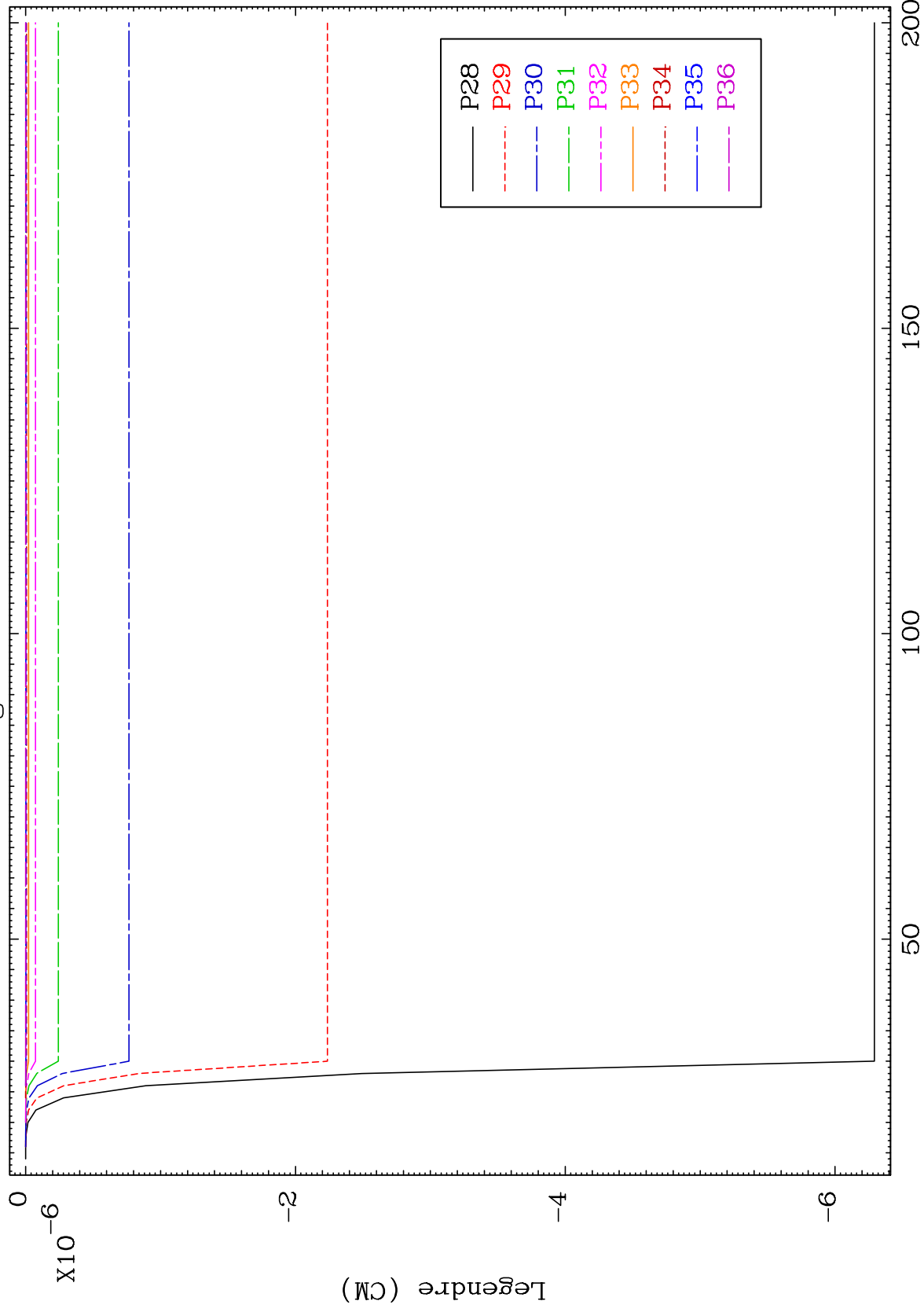
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



105

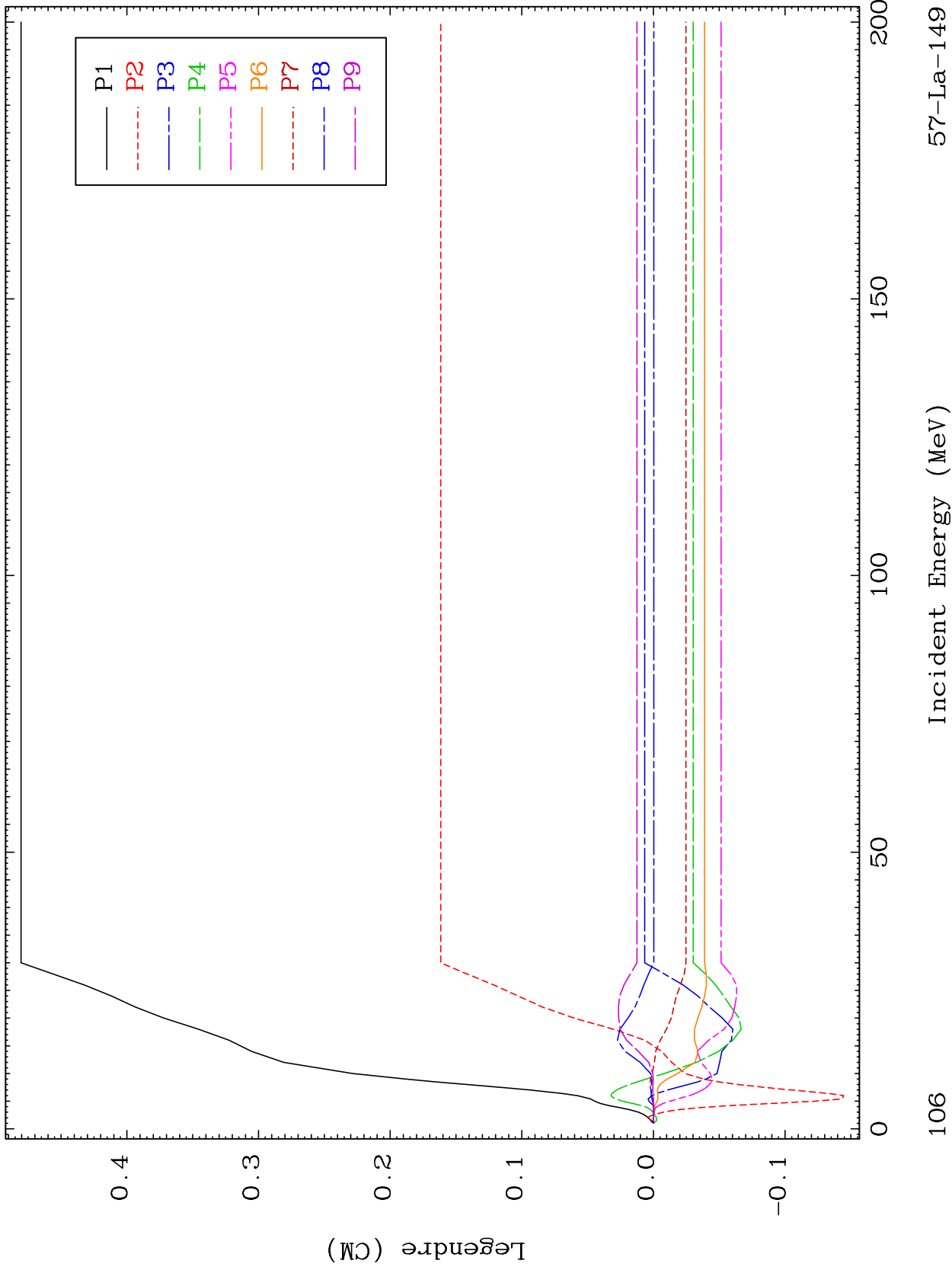
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



57-La-149

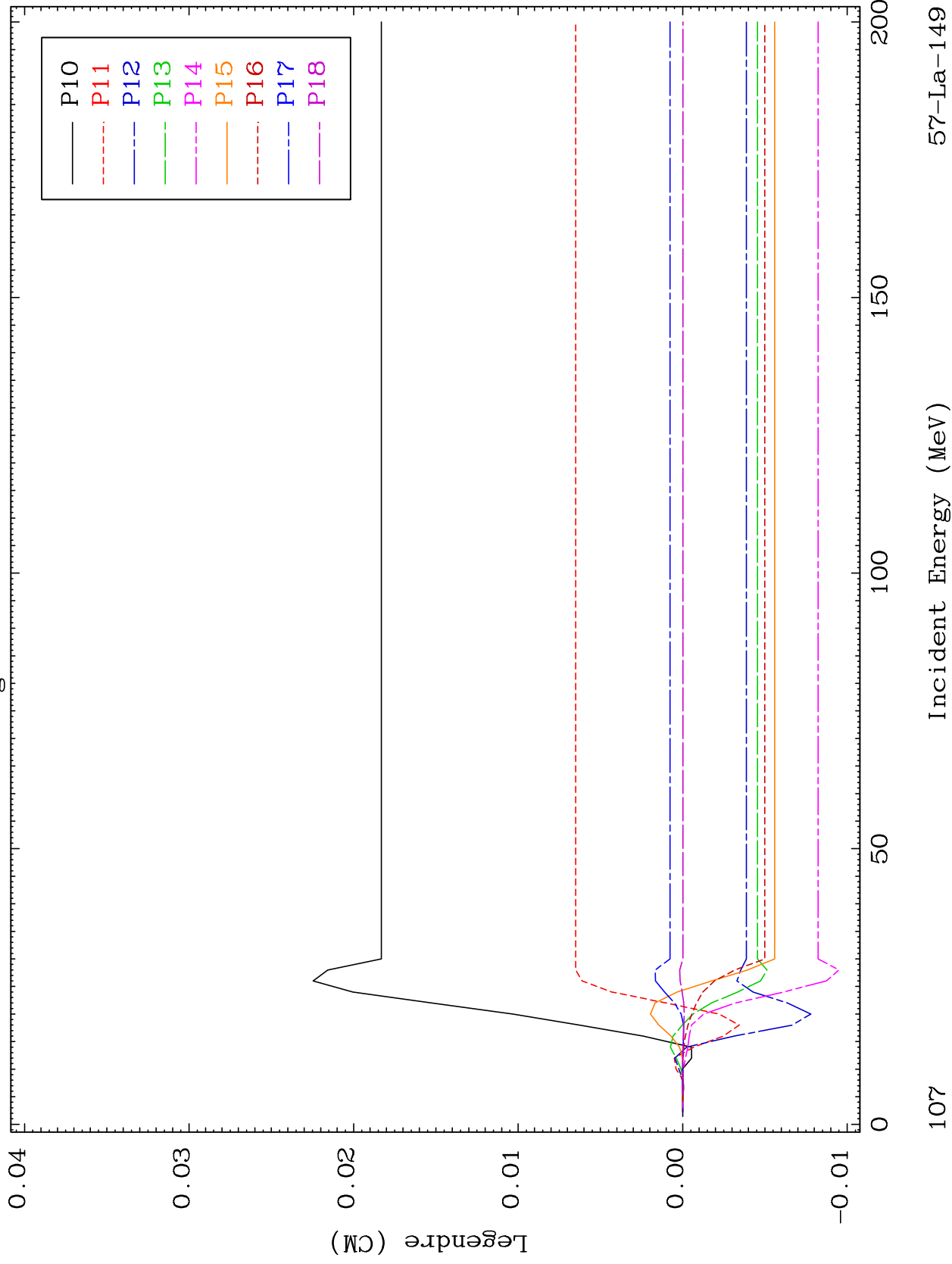
Incident Energy (MeV)

106

MAT 5758

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

57-La-149



57-La-149

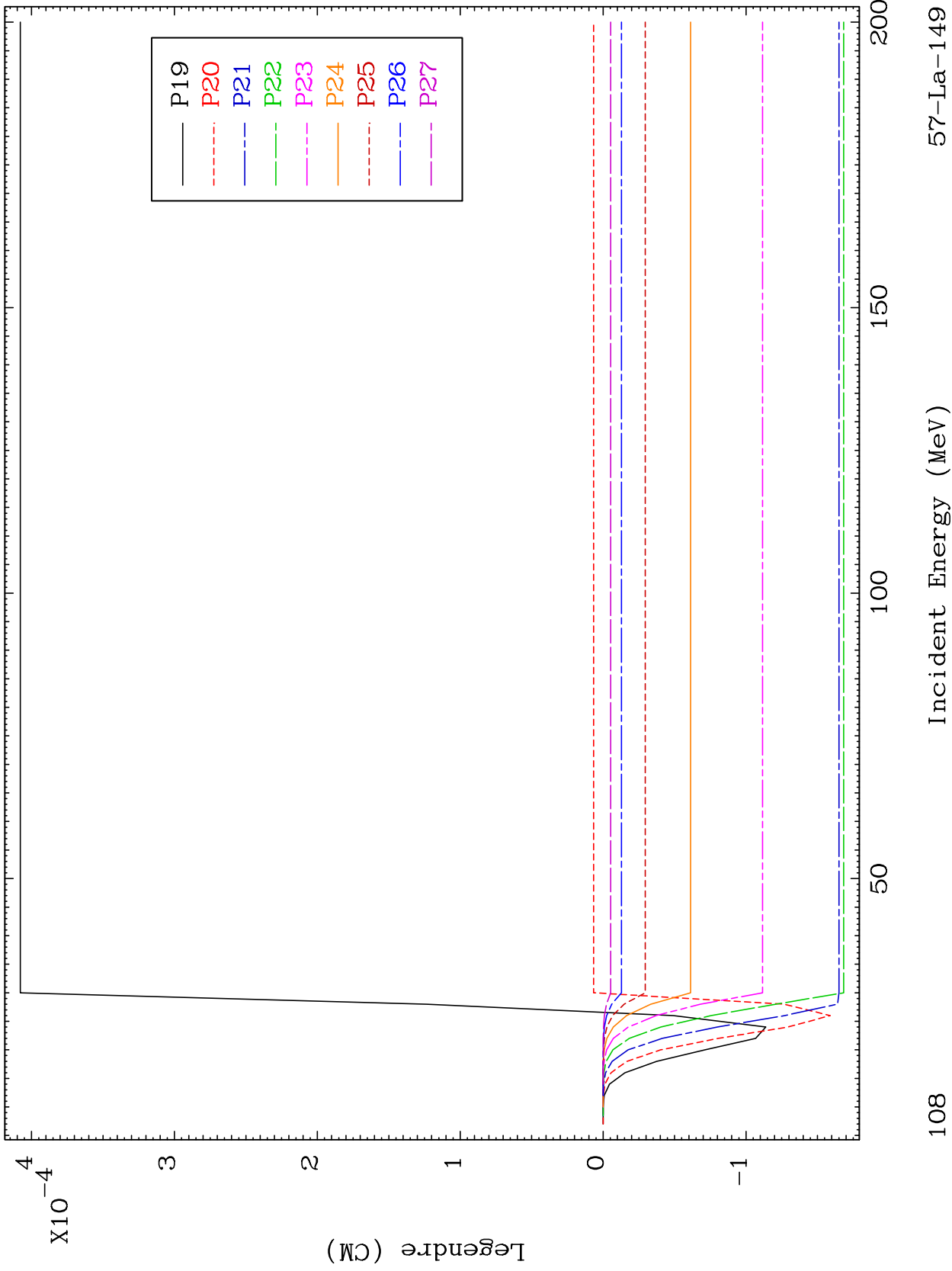
Incident Energy (MeV)

107

MAT 5758

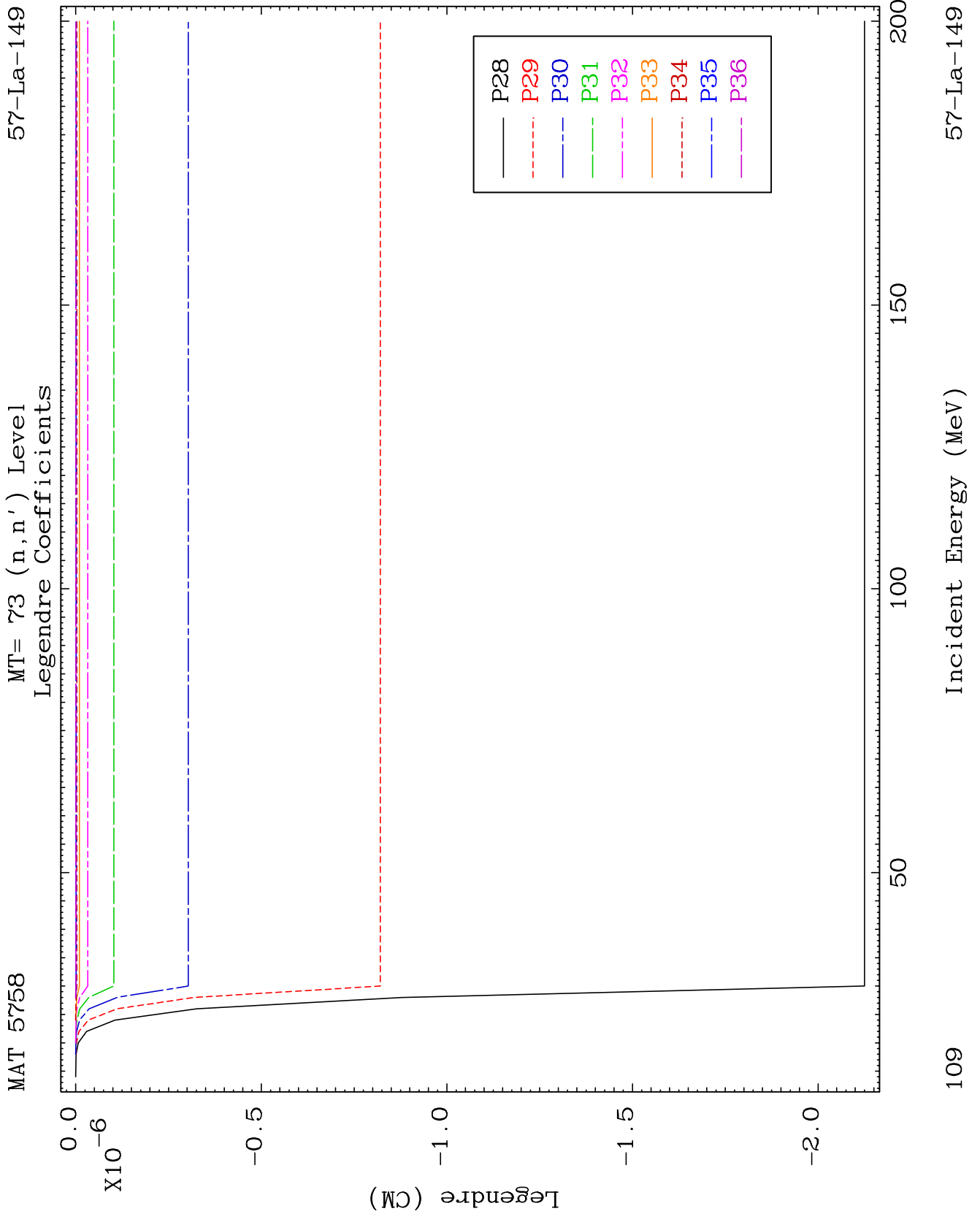
MT= 73 (n,n') Level  
Legendre Coefficients

57-La-149



108

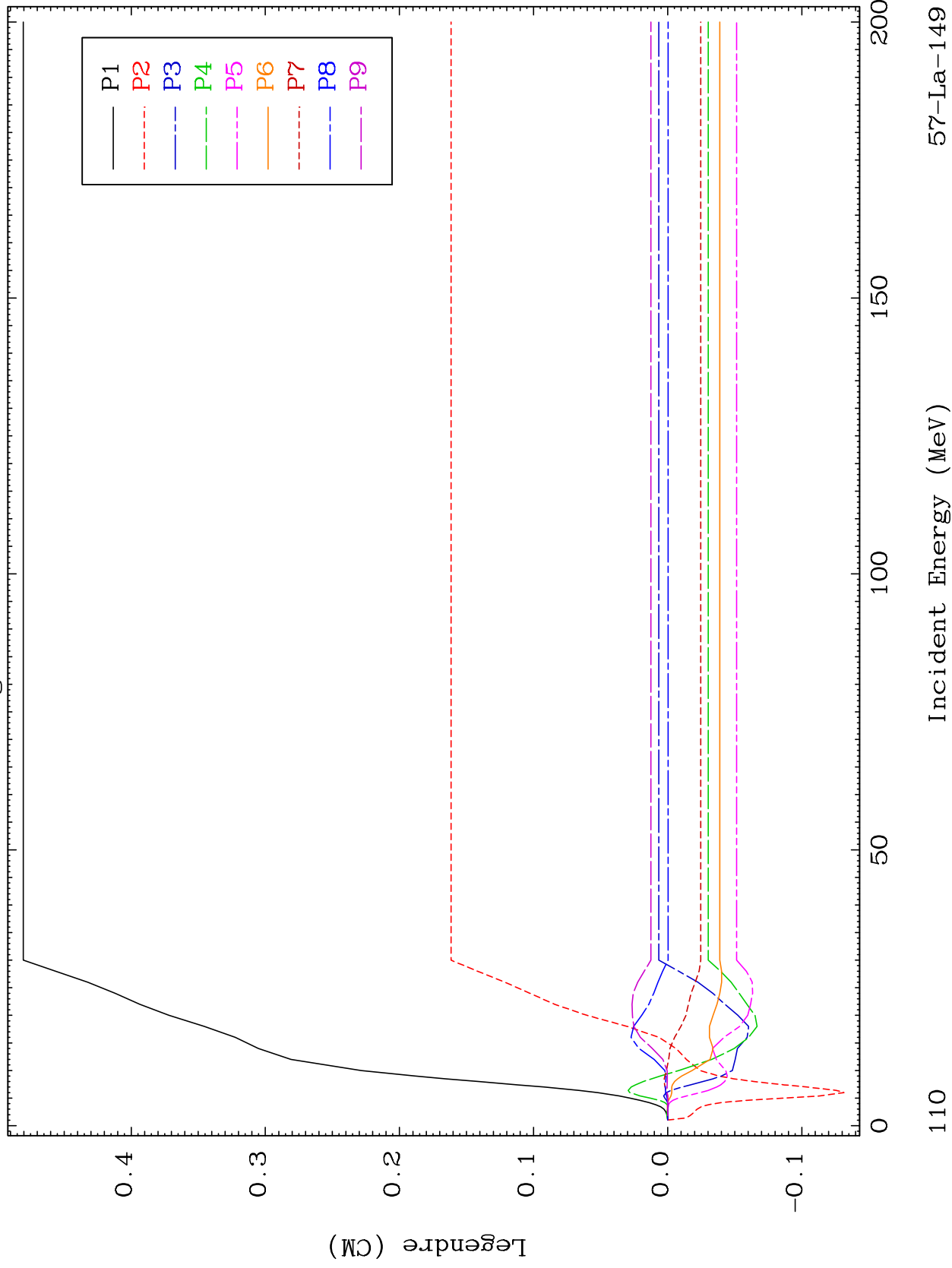
57-La-149



MAT 5758

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

57-La-149



57-La-149

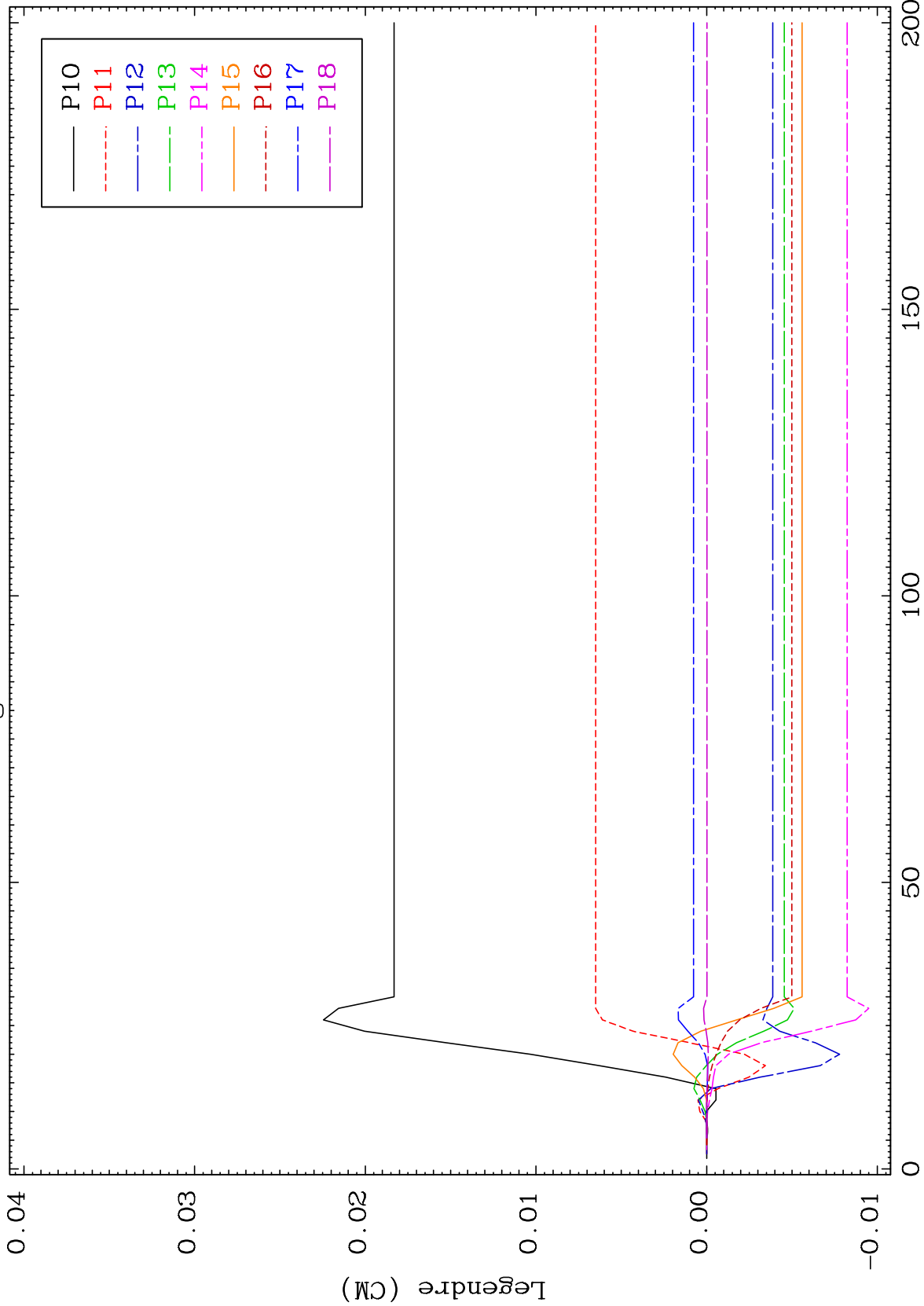
Incident Energy (MeV)

Legendre (CM)

MAT 5758

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

57-La-149



111

Incident Energy (MeV)

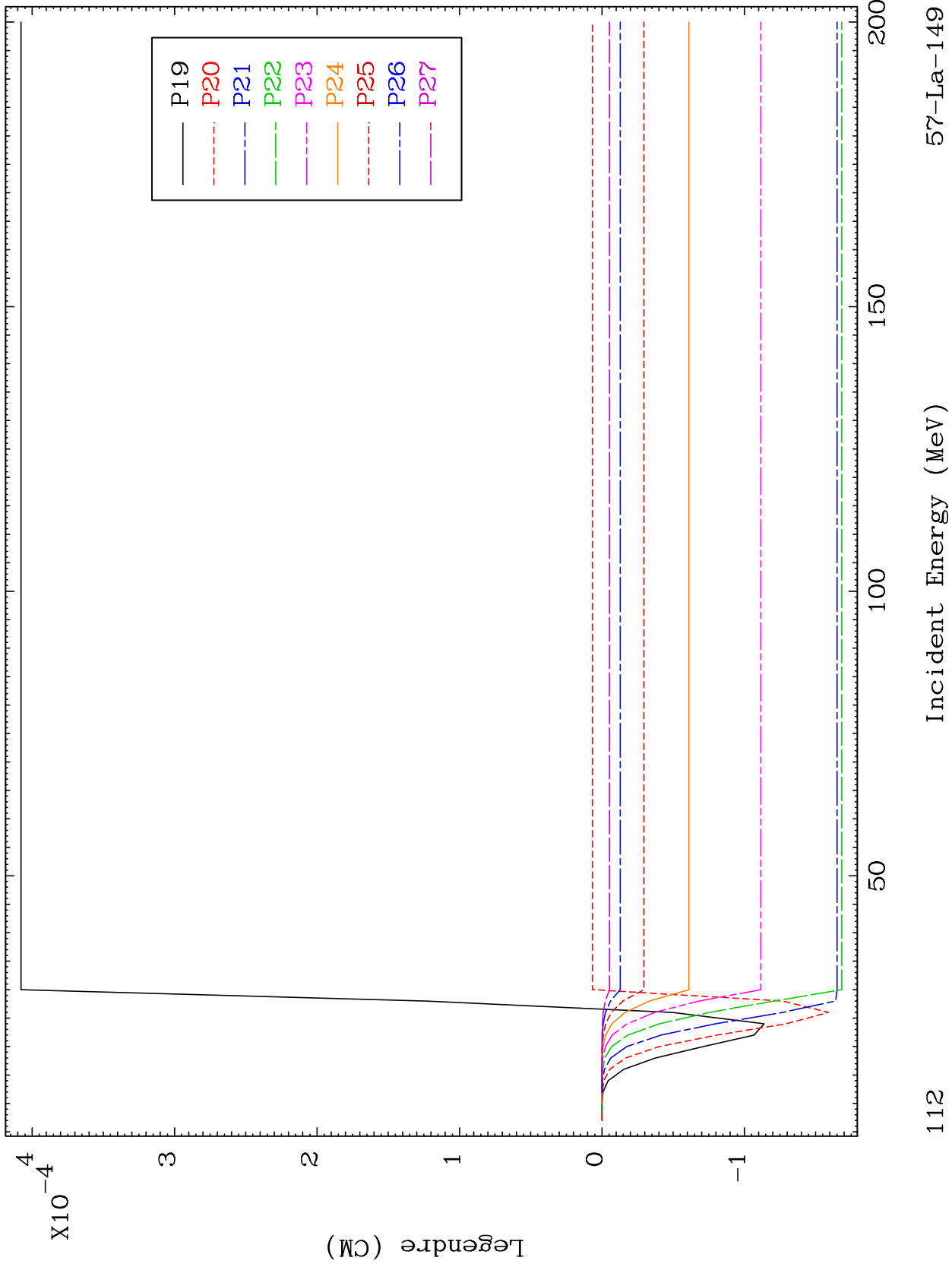
57-La-149

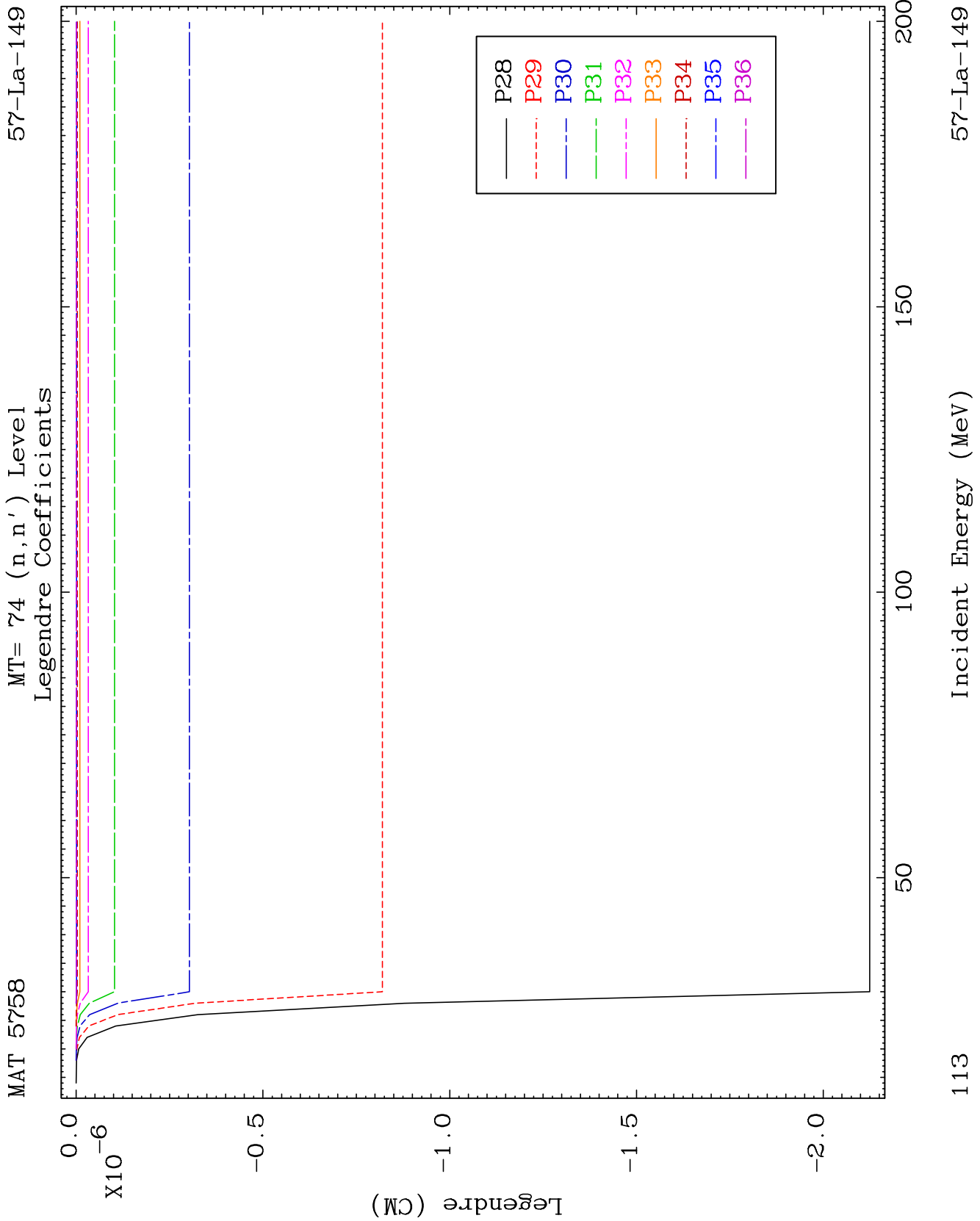


MAT 5758

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

57-La-149

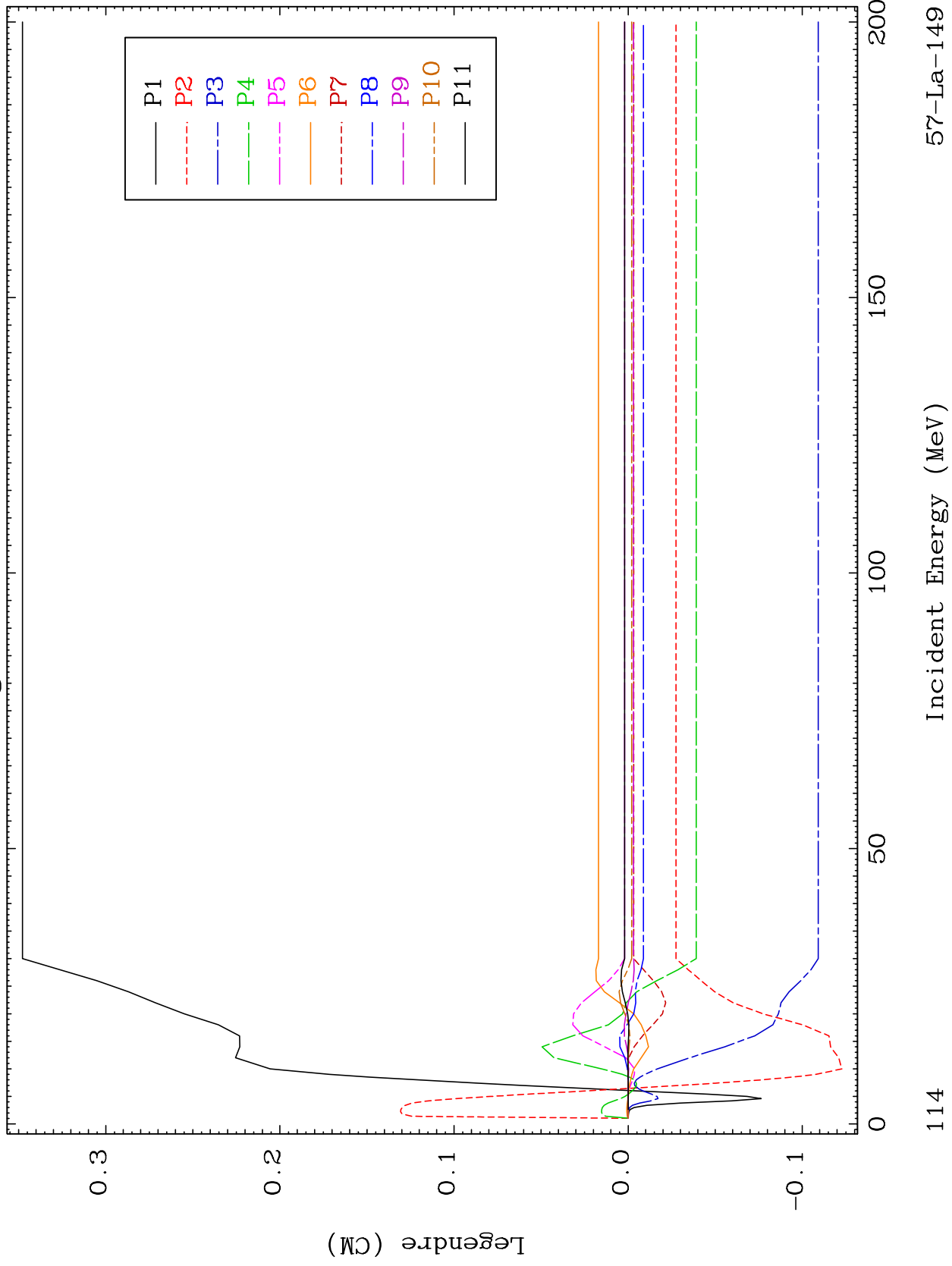




MAT 5758

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

57-La-149



57-La-149

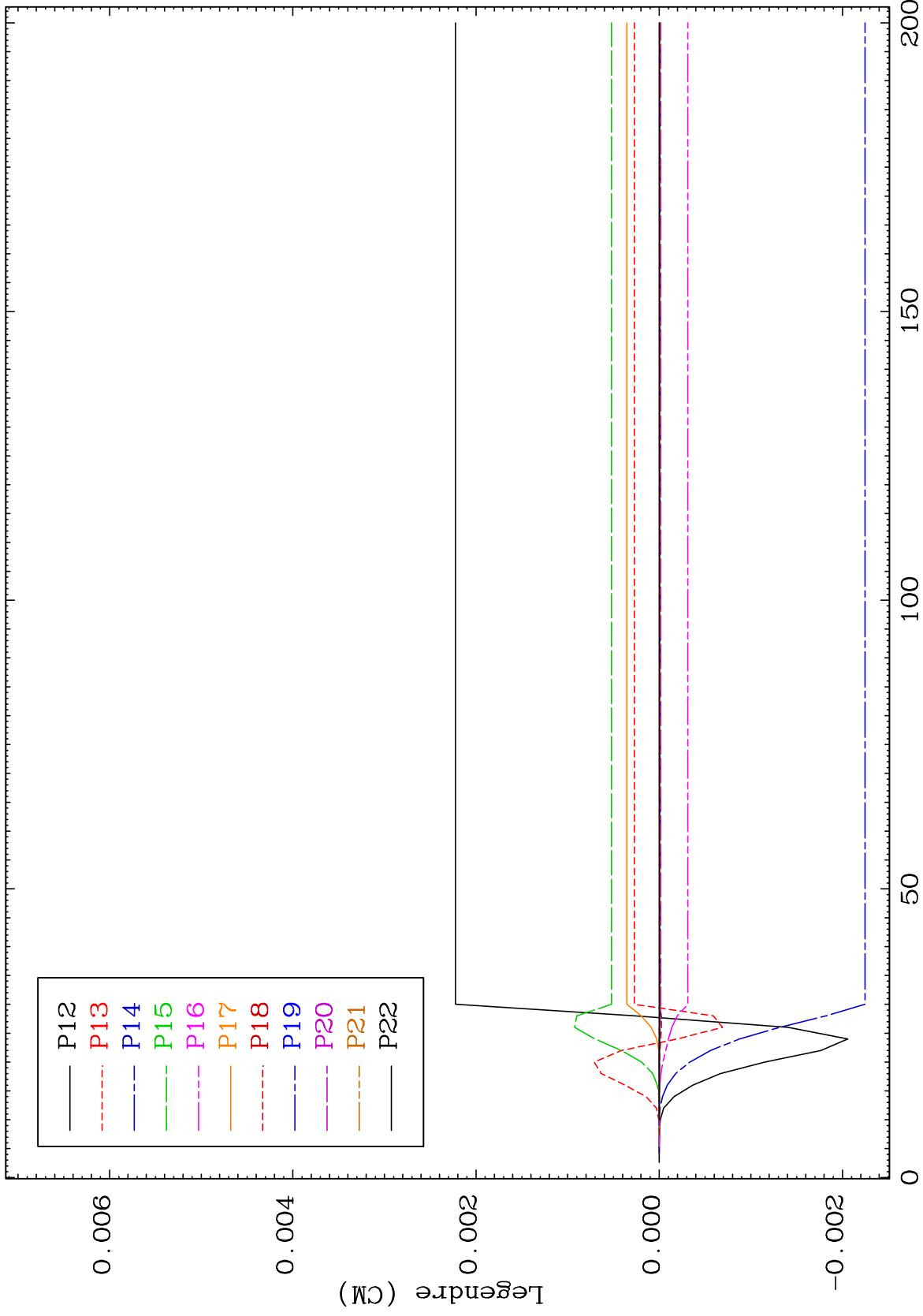
Incident Energy (MeV)

114

MAT 5758

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

57-La-149



115

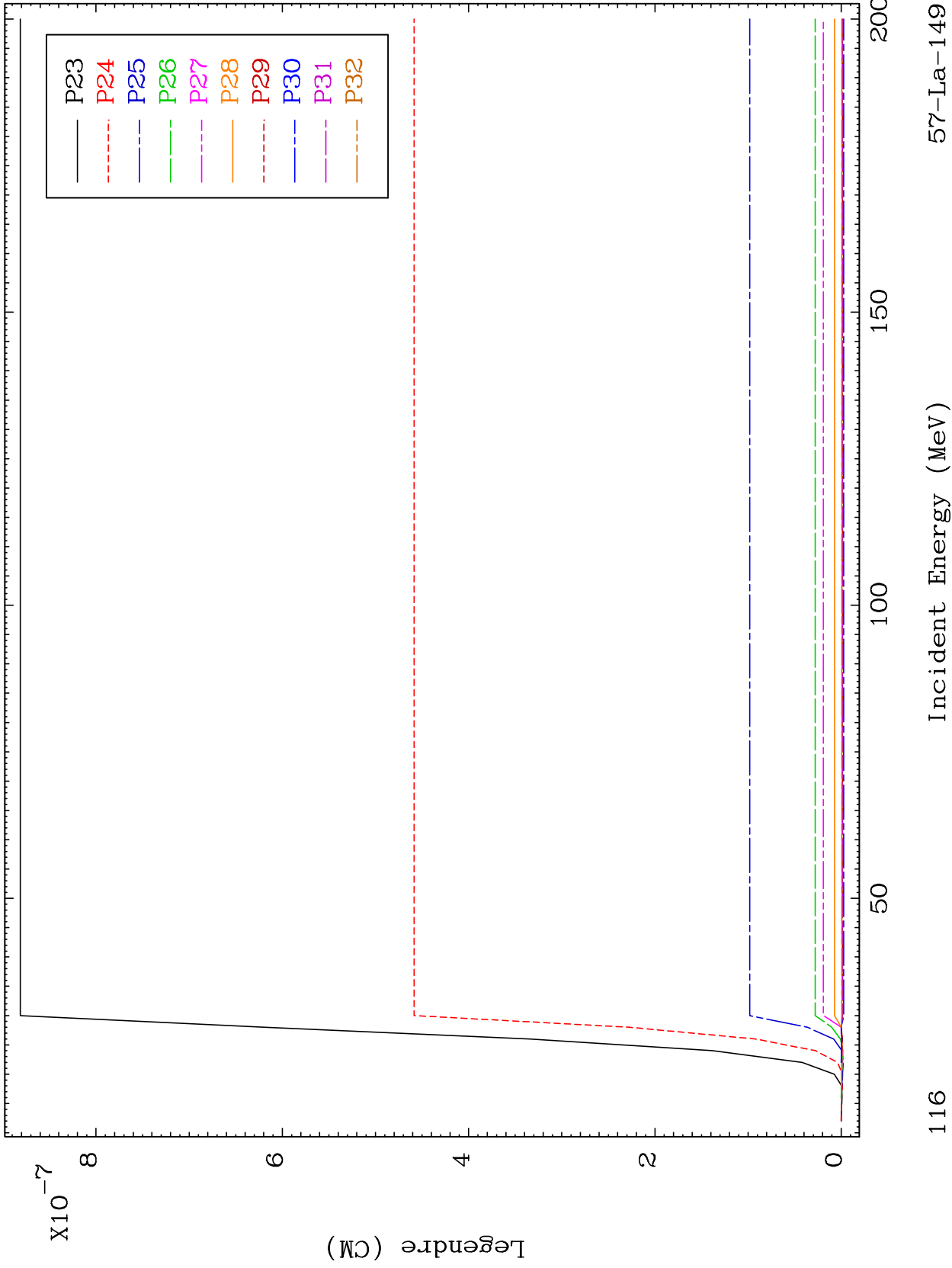
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



116

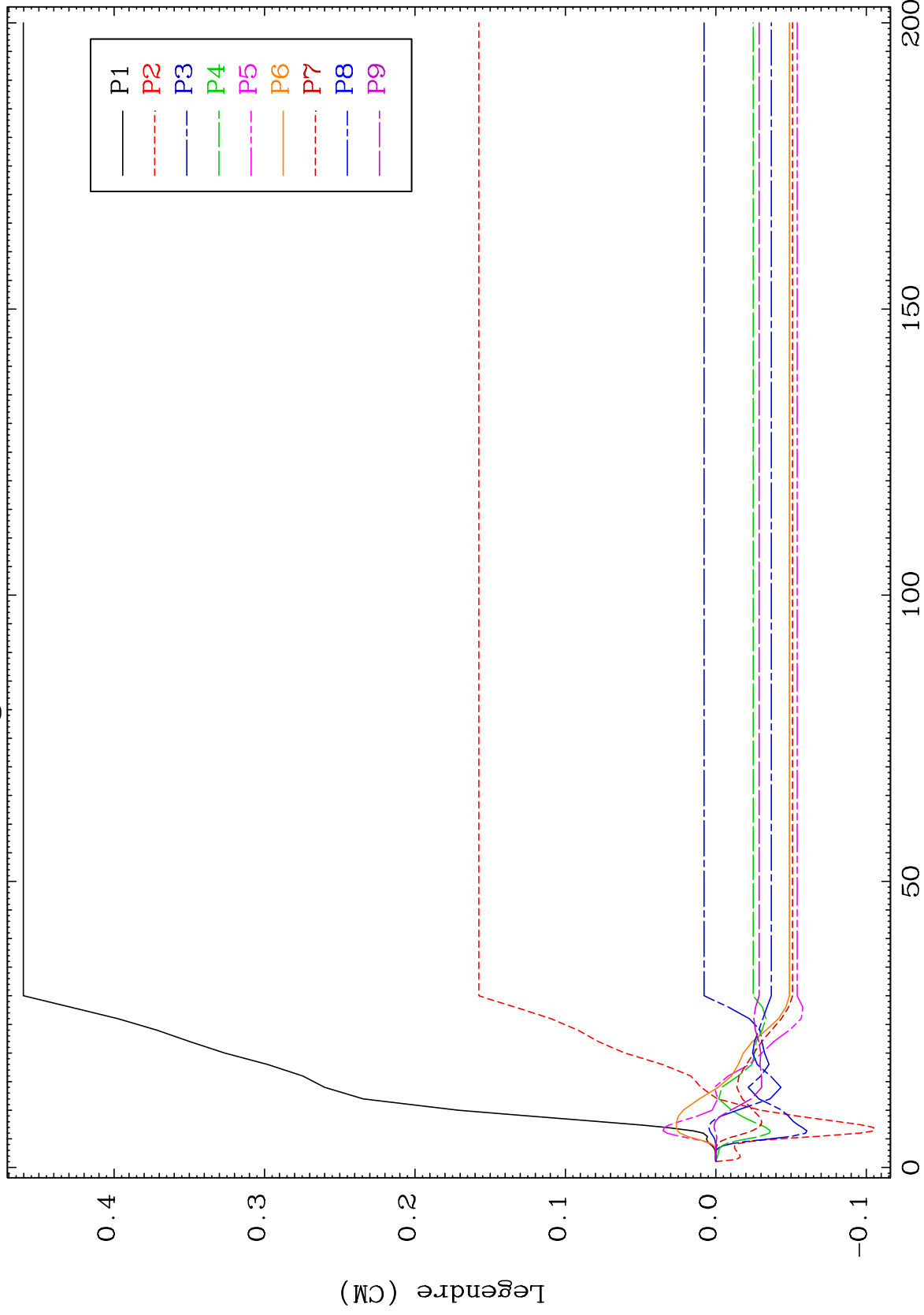
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



117

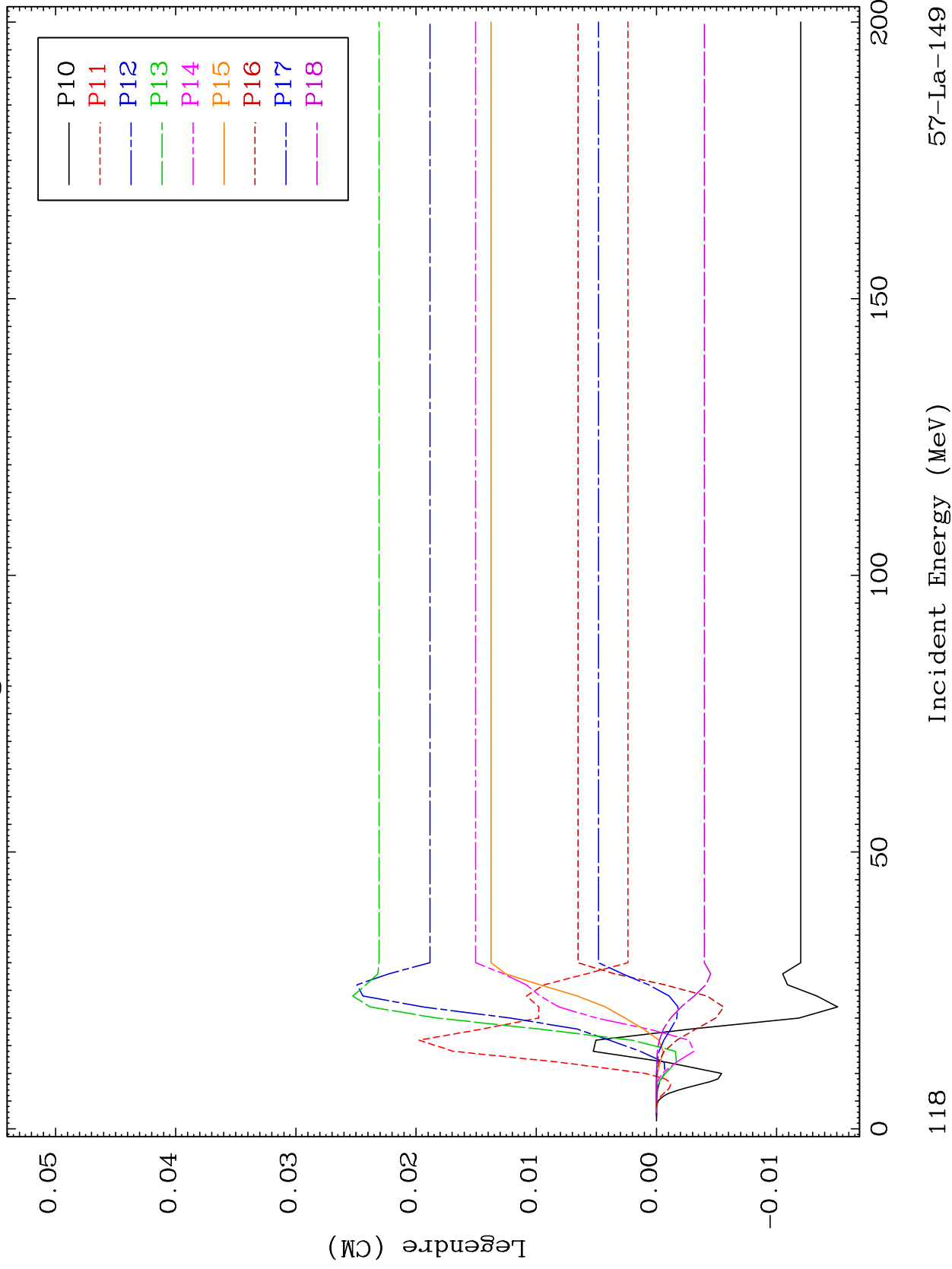
Incident Energy (MeV)

57-La-149

MAT 5758

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

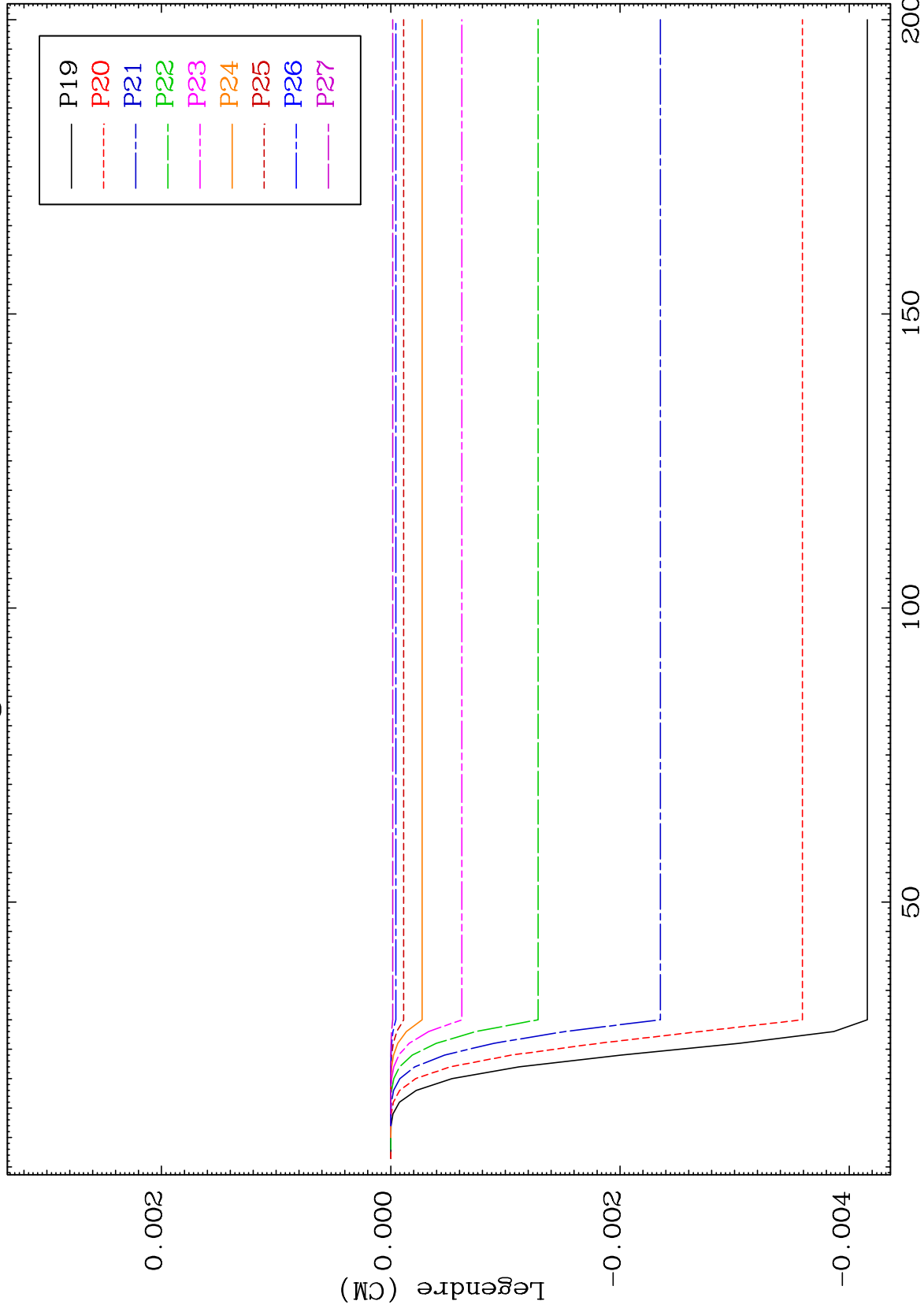
57-La-149



MAT 5758

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

57-La-149



119

Incident Energy (MeV)

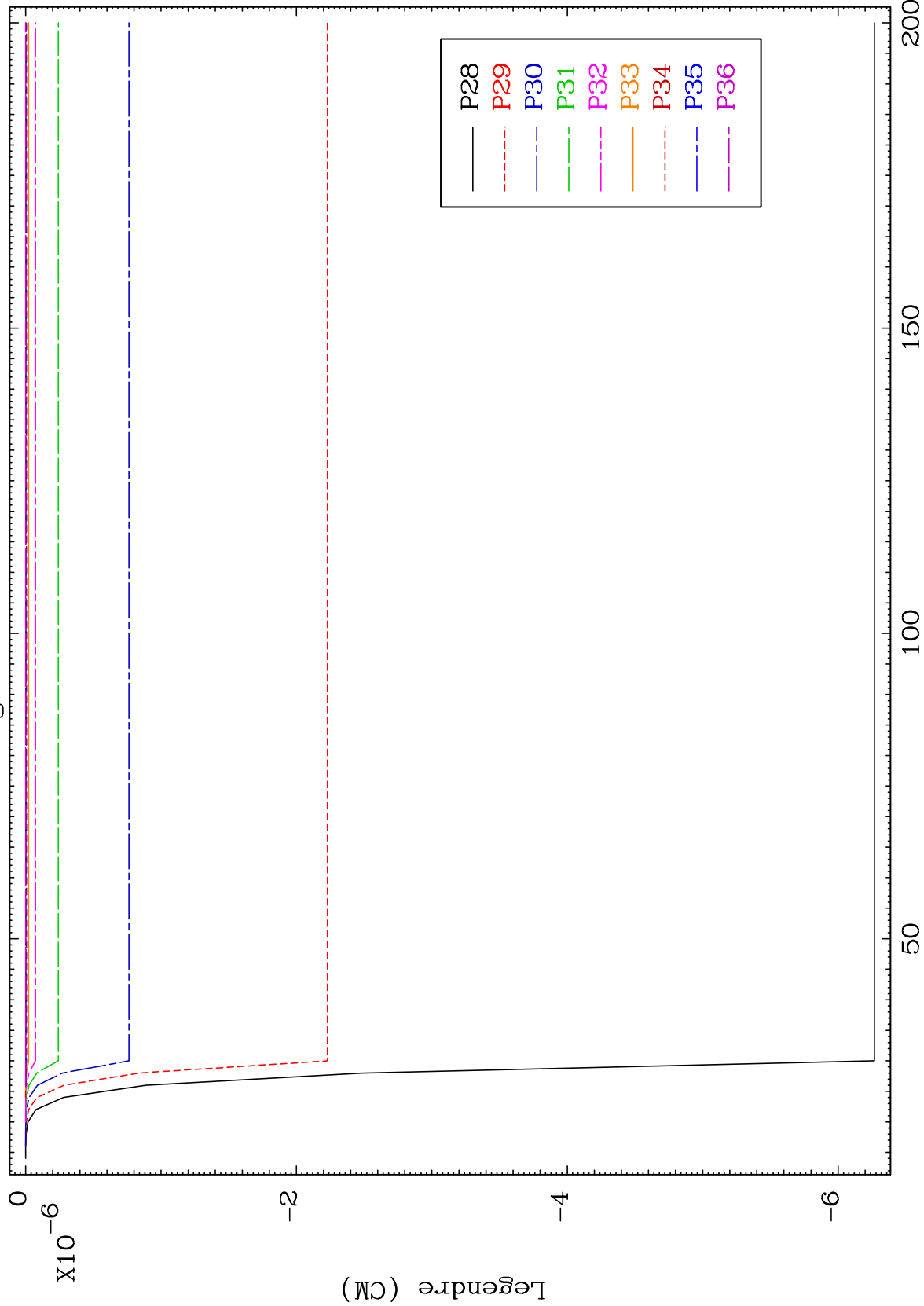
57-La-149



MAT 5758

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

57-La-149



120

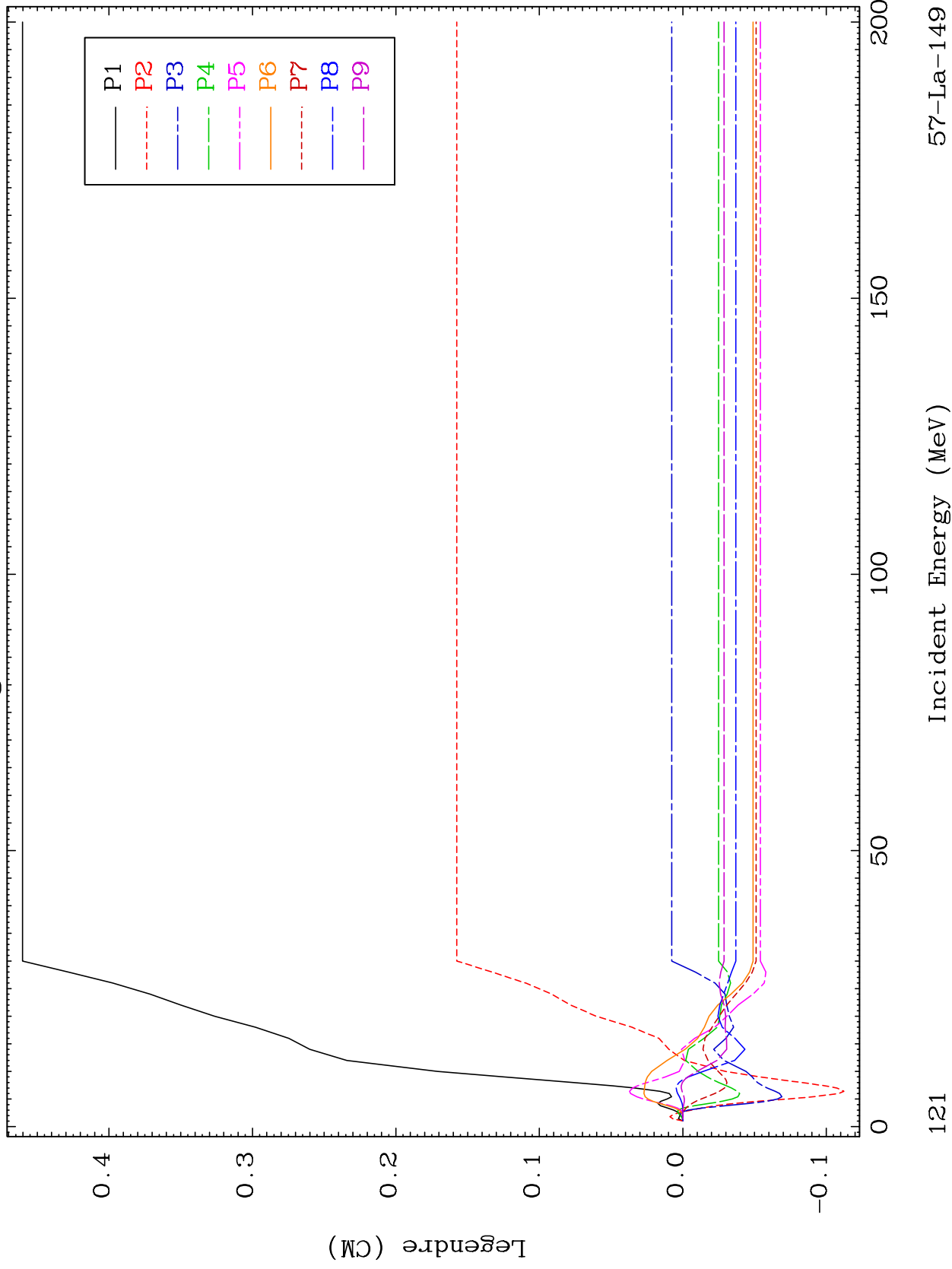
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



121

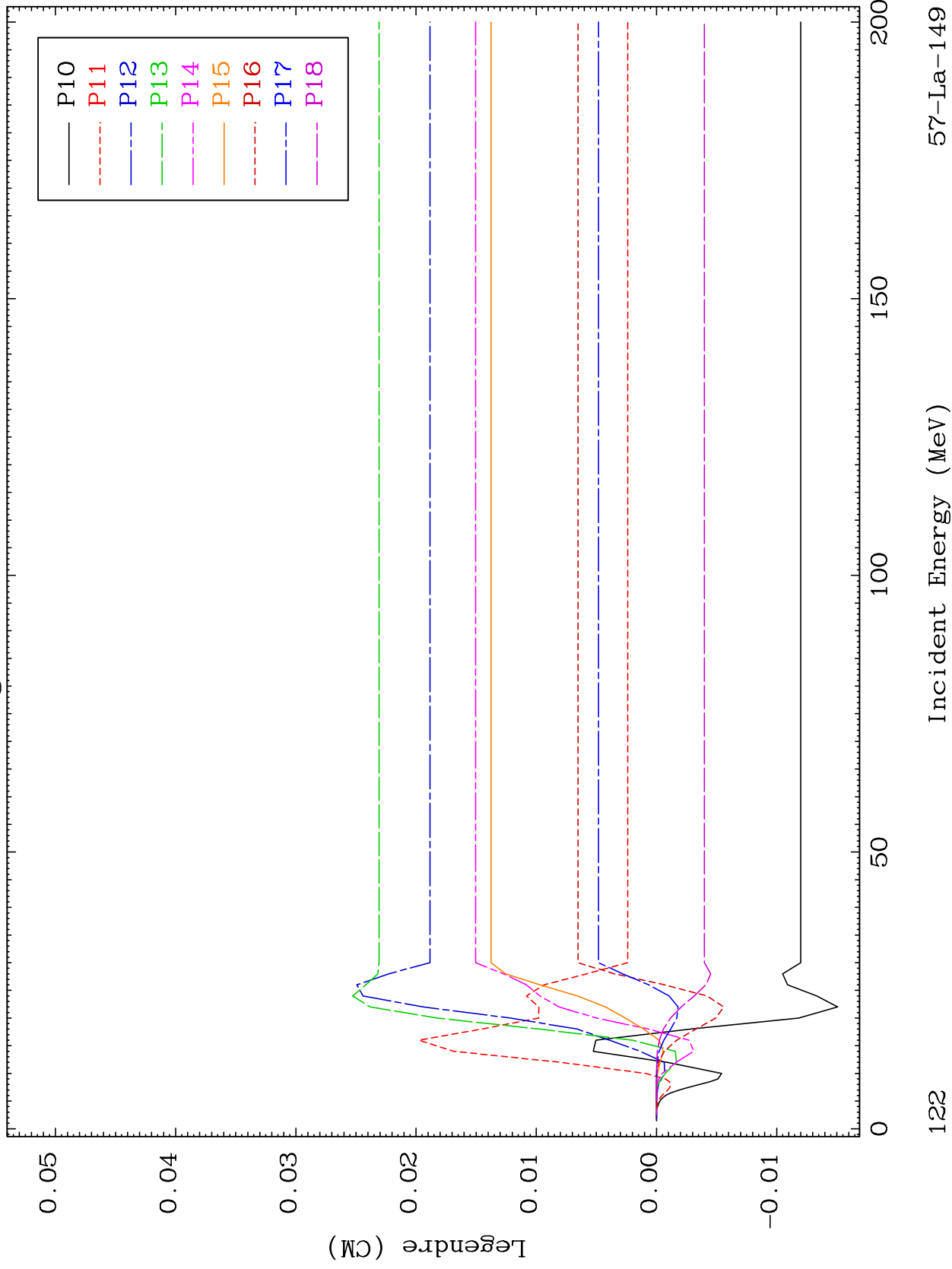
Incident Energy (MeV)

57-La-149

MAT 5758

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

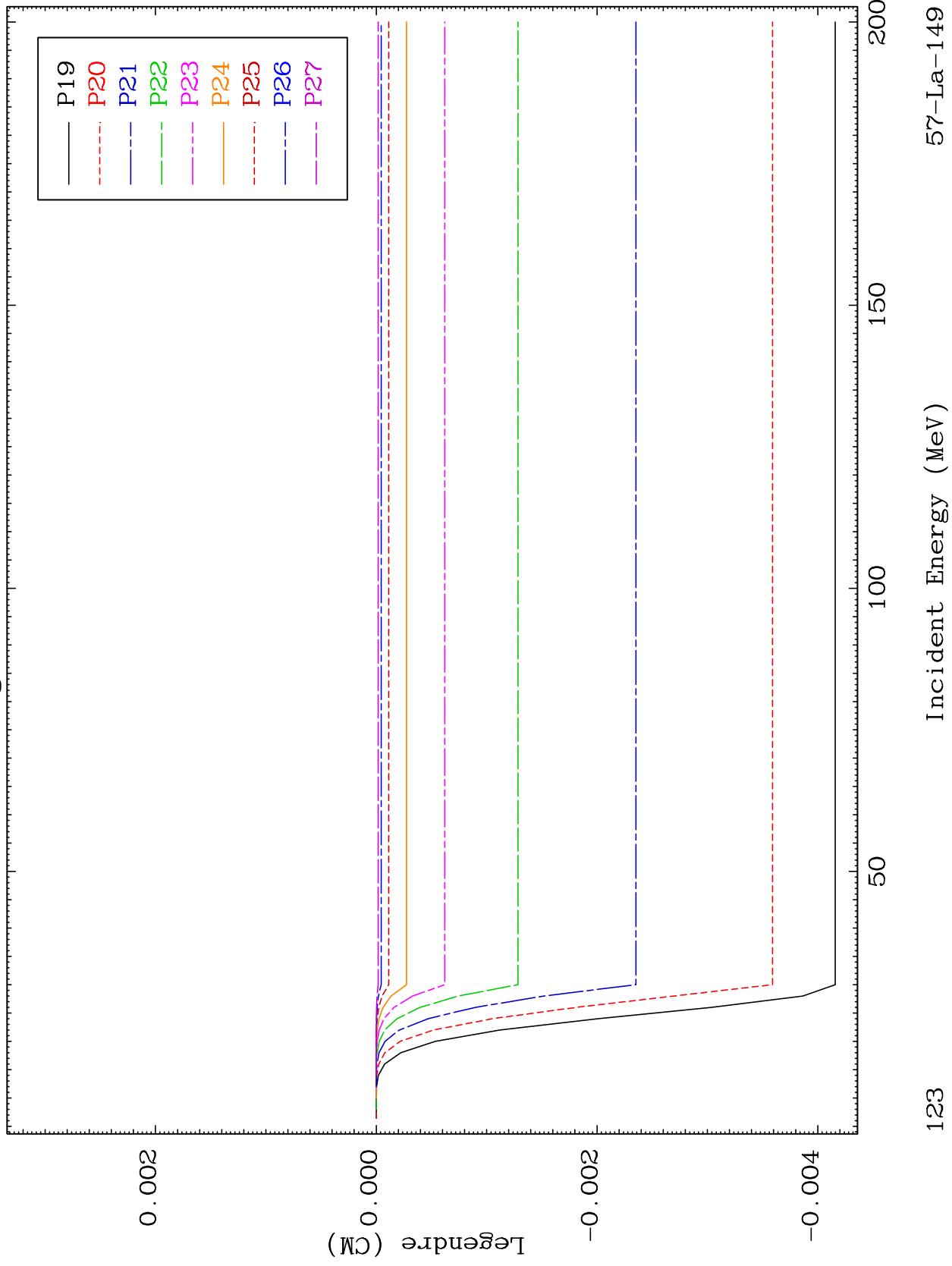
57-La-149



MAT 5758

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

57-La-149



123

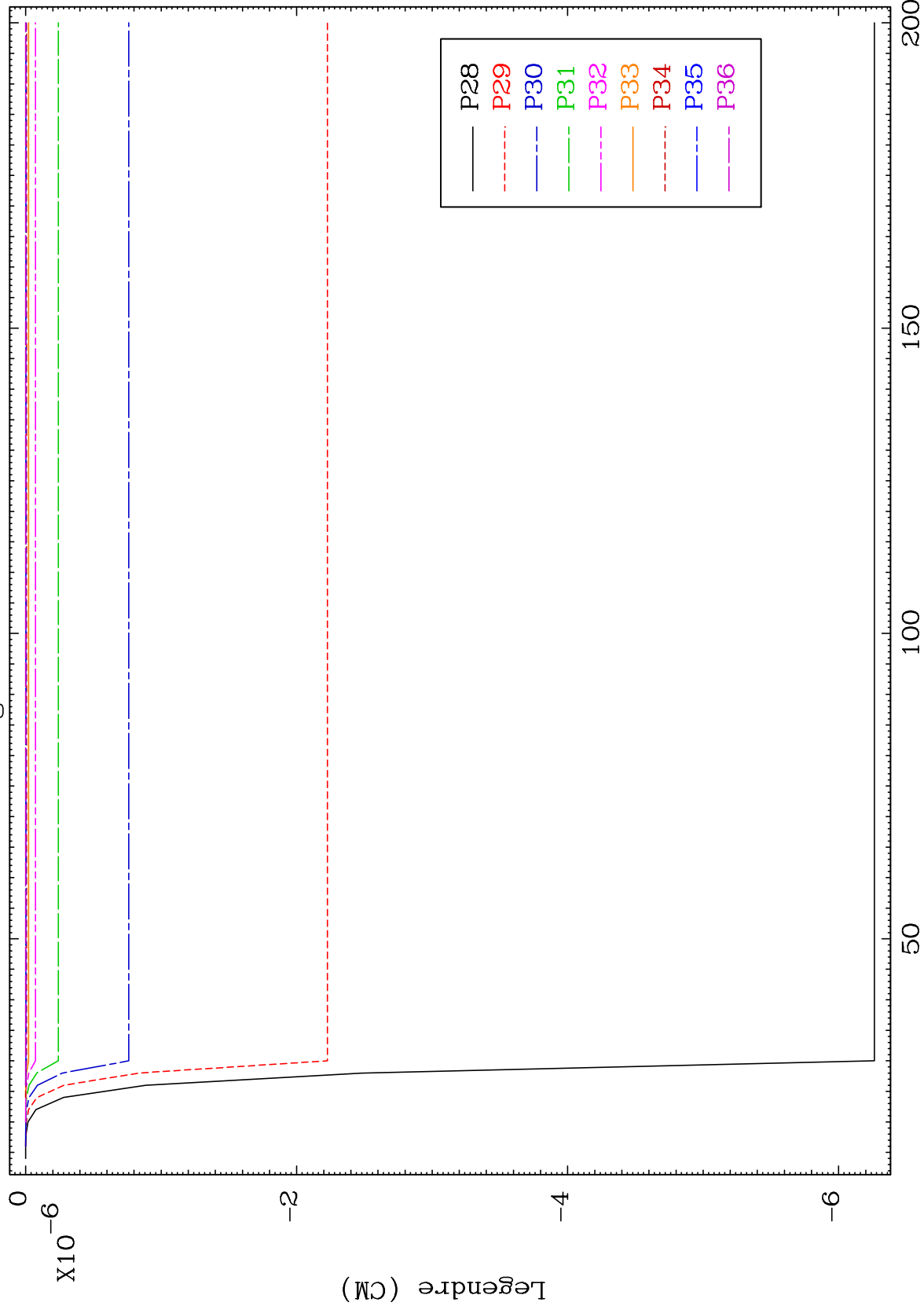
Incident Energy (MeV)

57-La-149

MAT 5758

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

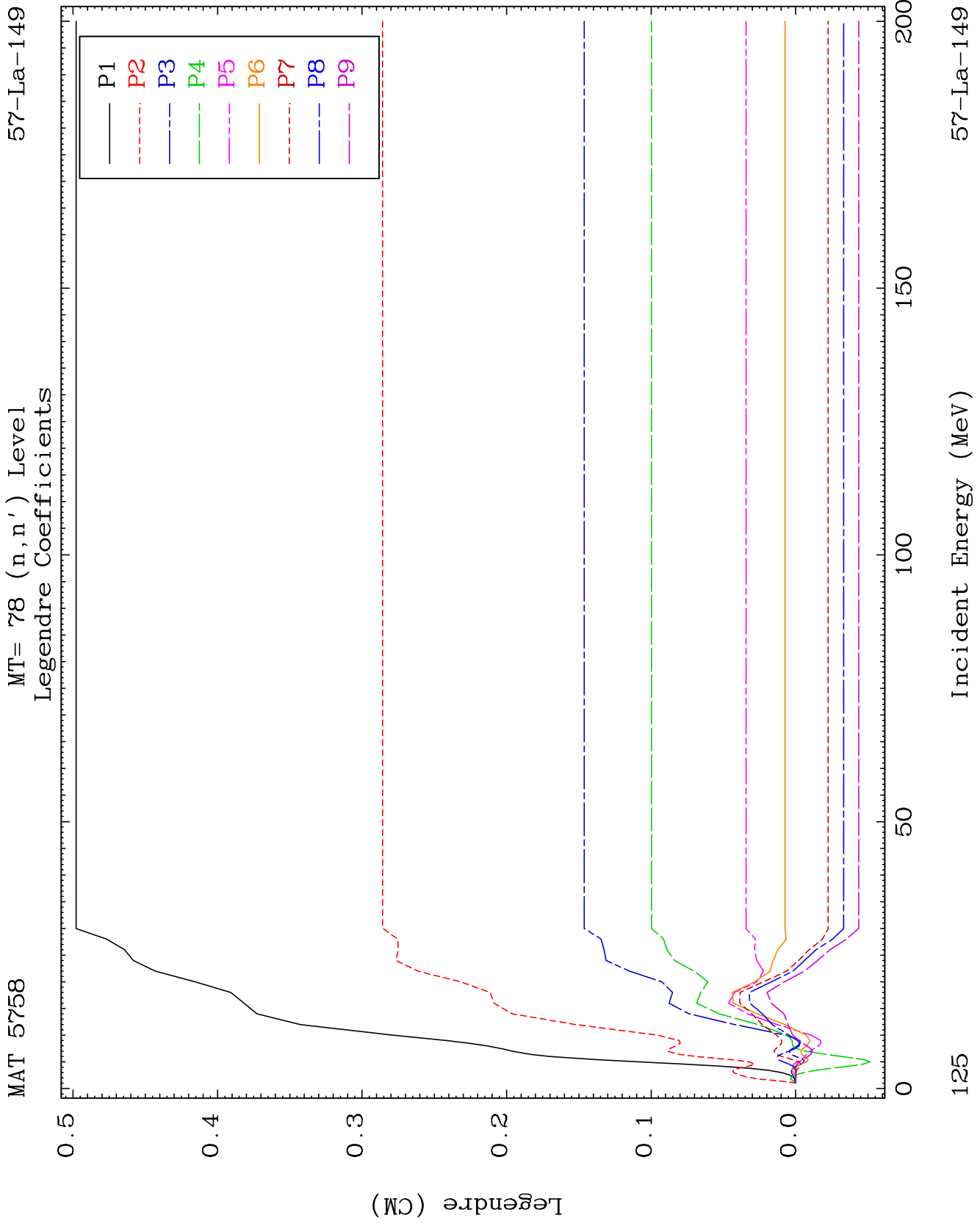
57-La-149



124

Incident Energy (MeV)

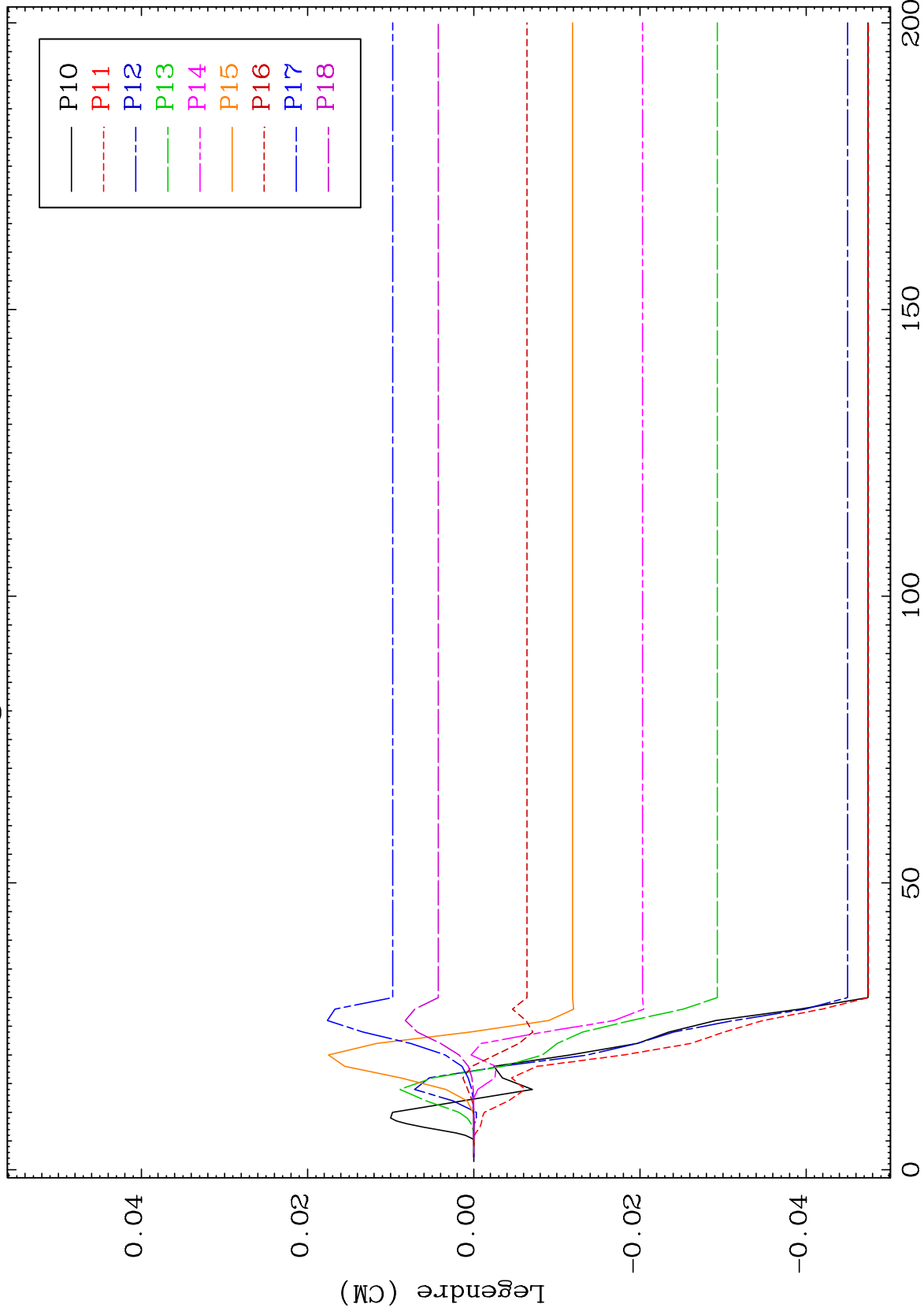
57-La-149



MAT 5758

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

57-La-149



126

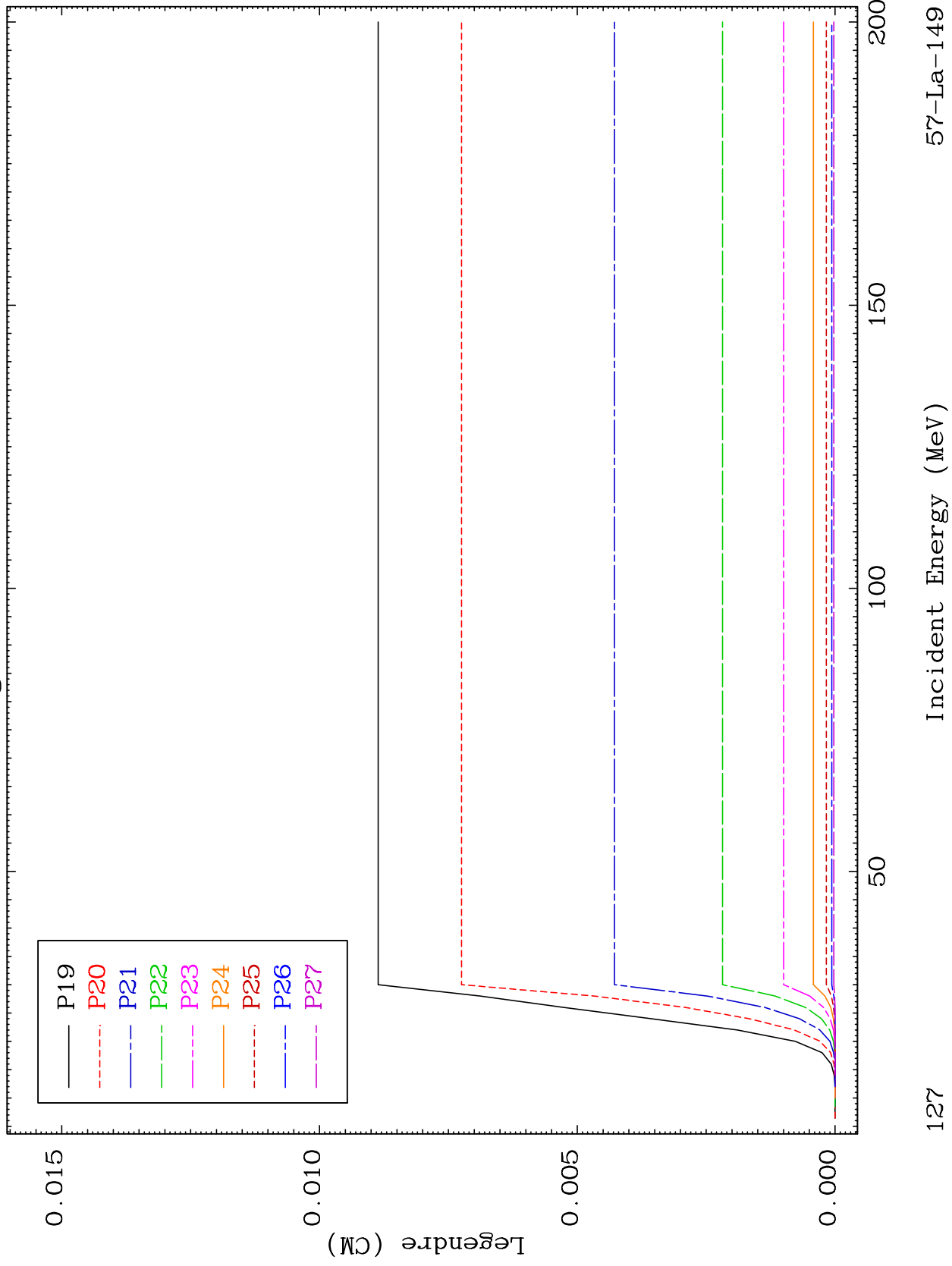
Incident Energy (MeV)

57-La-149

MAT 5758

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

57-La-149



127

Incident Energy (MeV)

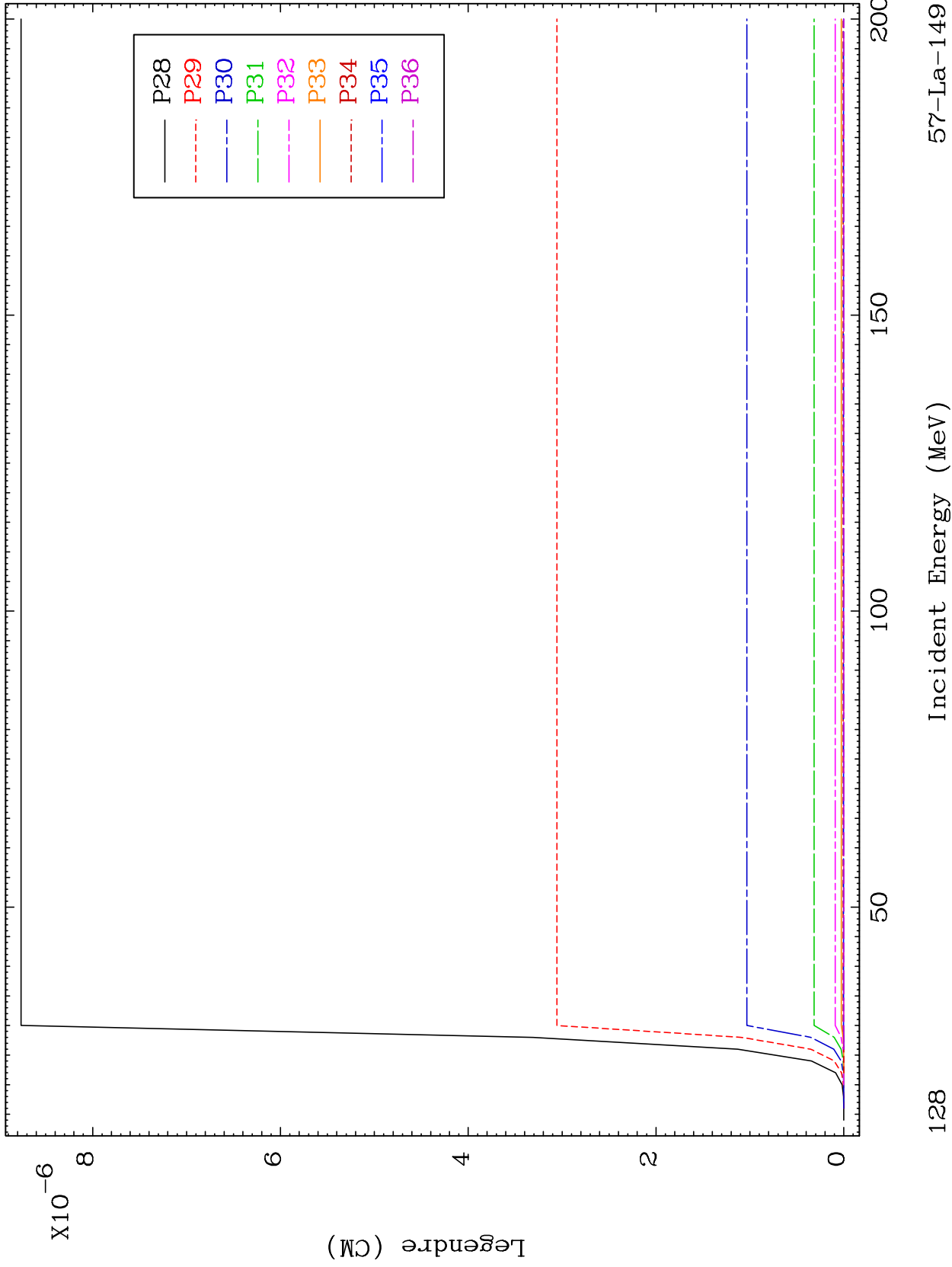
57-La-149



MAT 5758

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

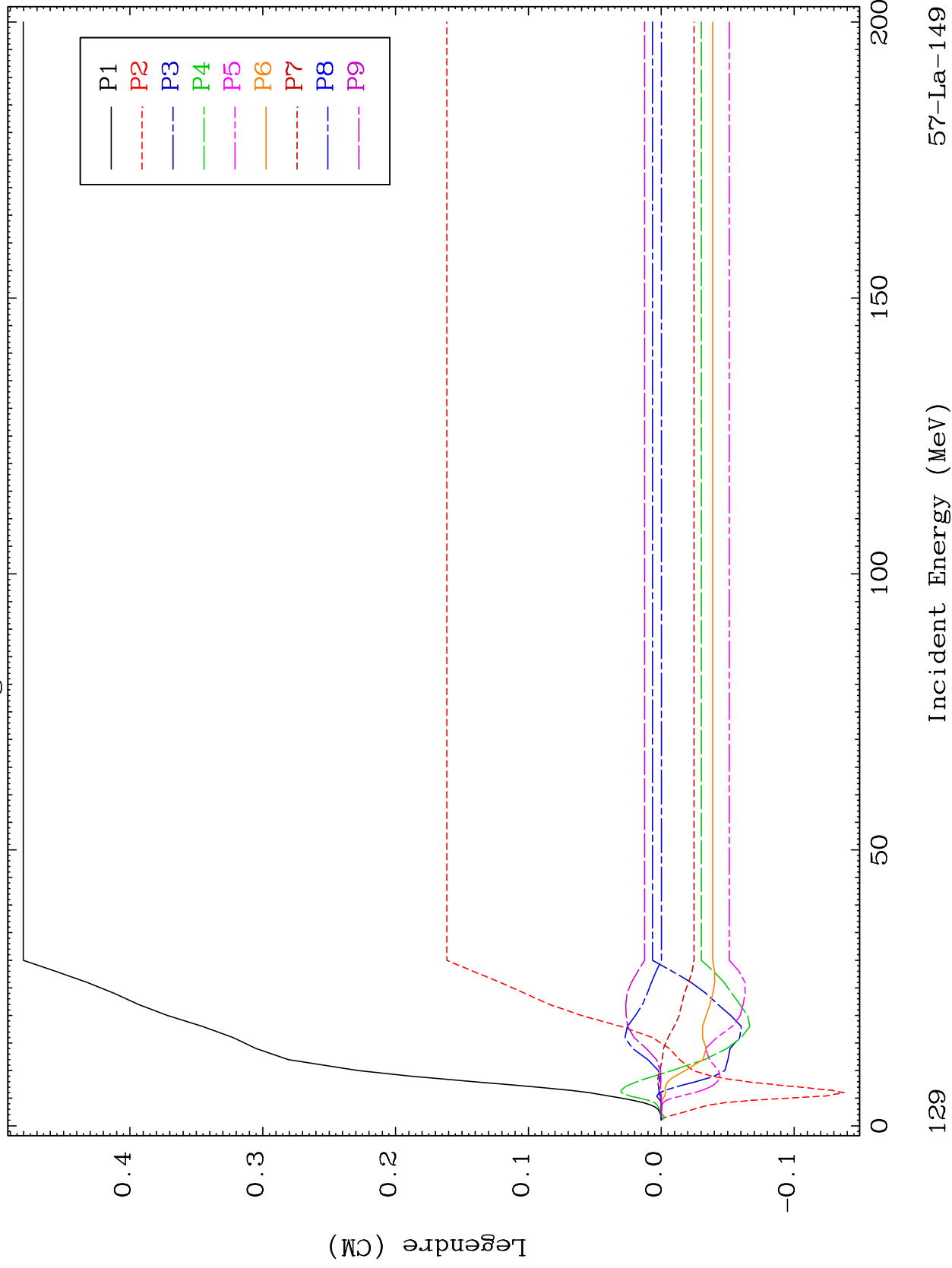
57-La-149



MAT 5758

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

57-La-149



57-La-149

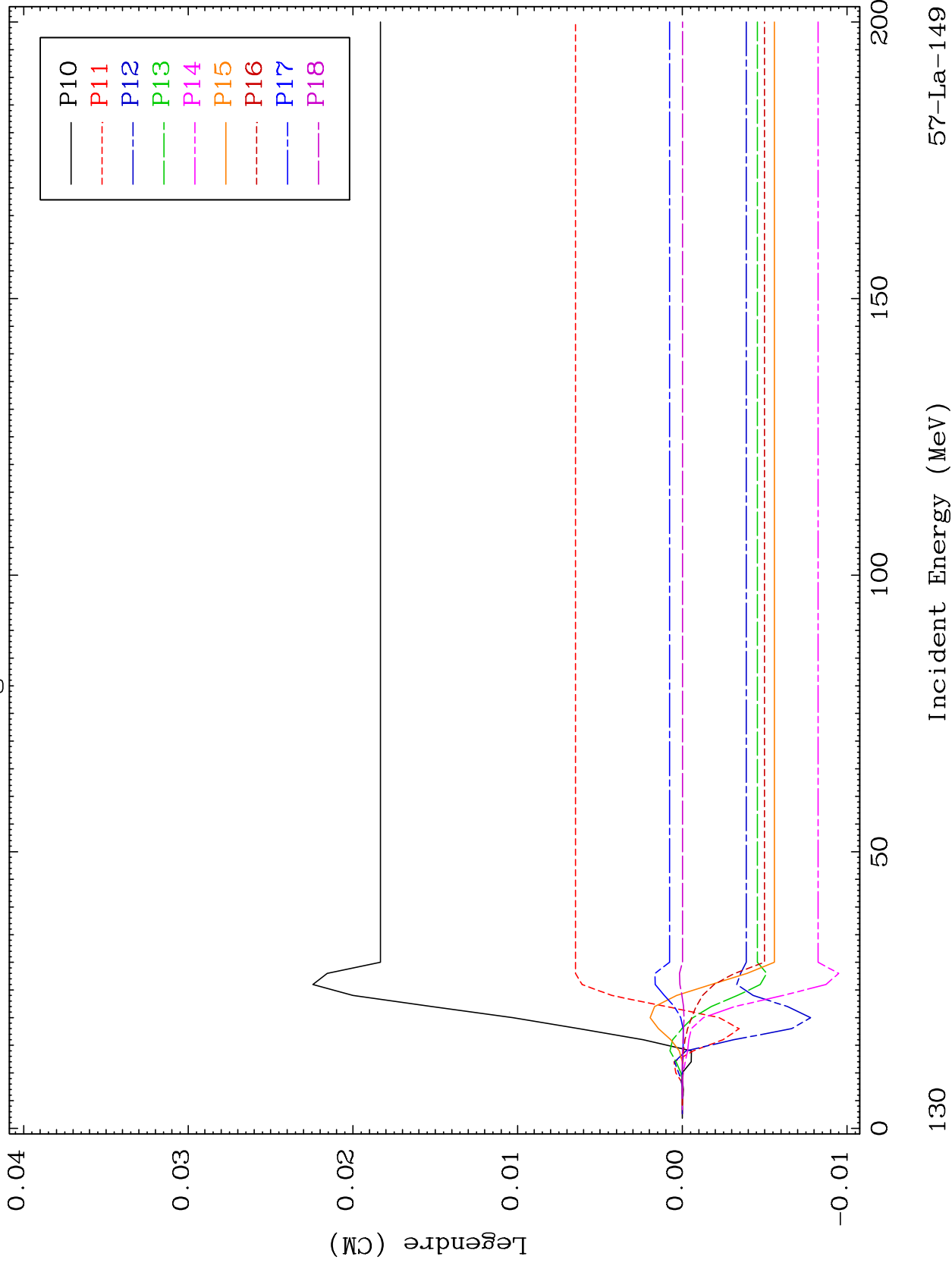
Incident Energy (MeV)

129

MAT 5758

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

57-La-149



57-La-149

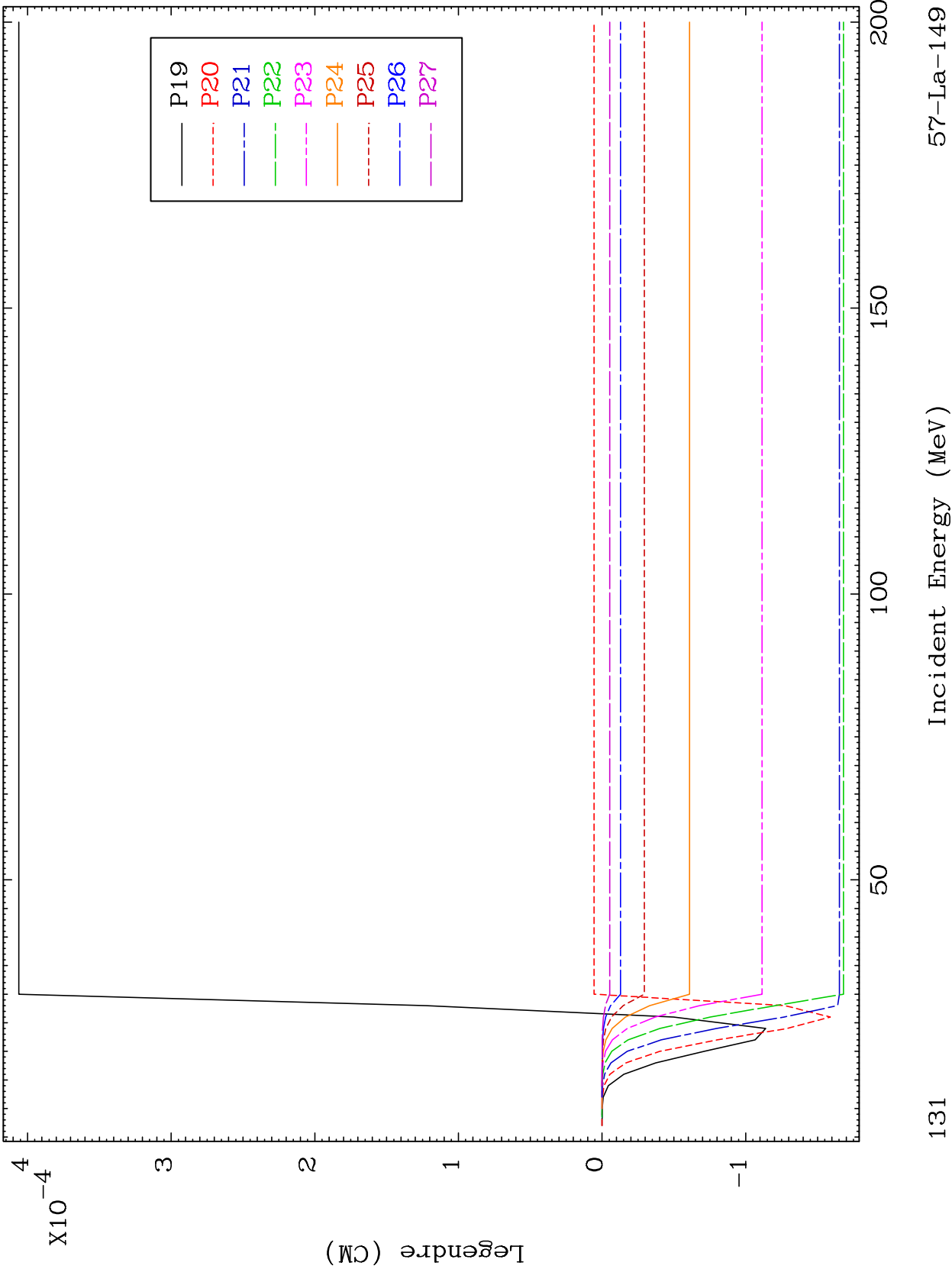
Incident Energy (MeV)

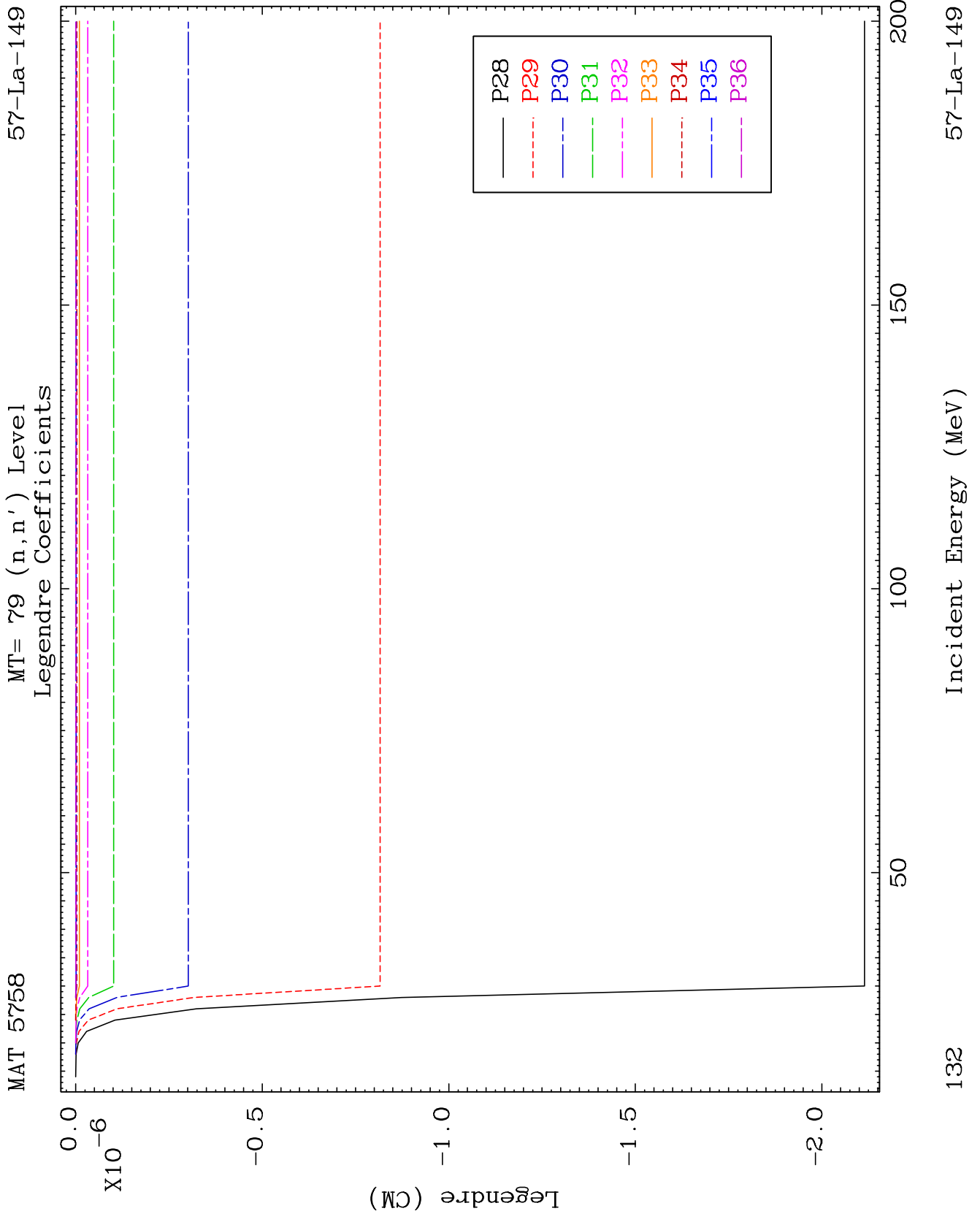
130

MAT 5758

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

57-La-149



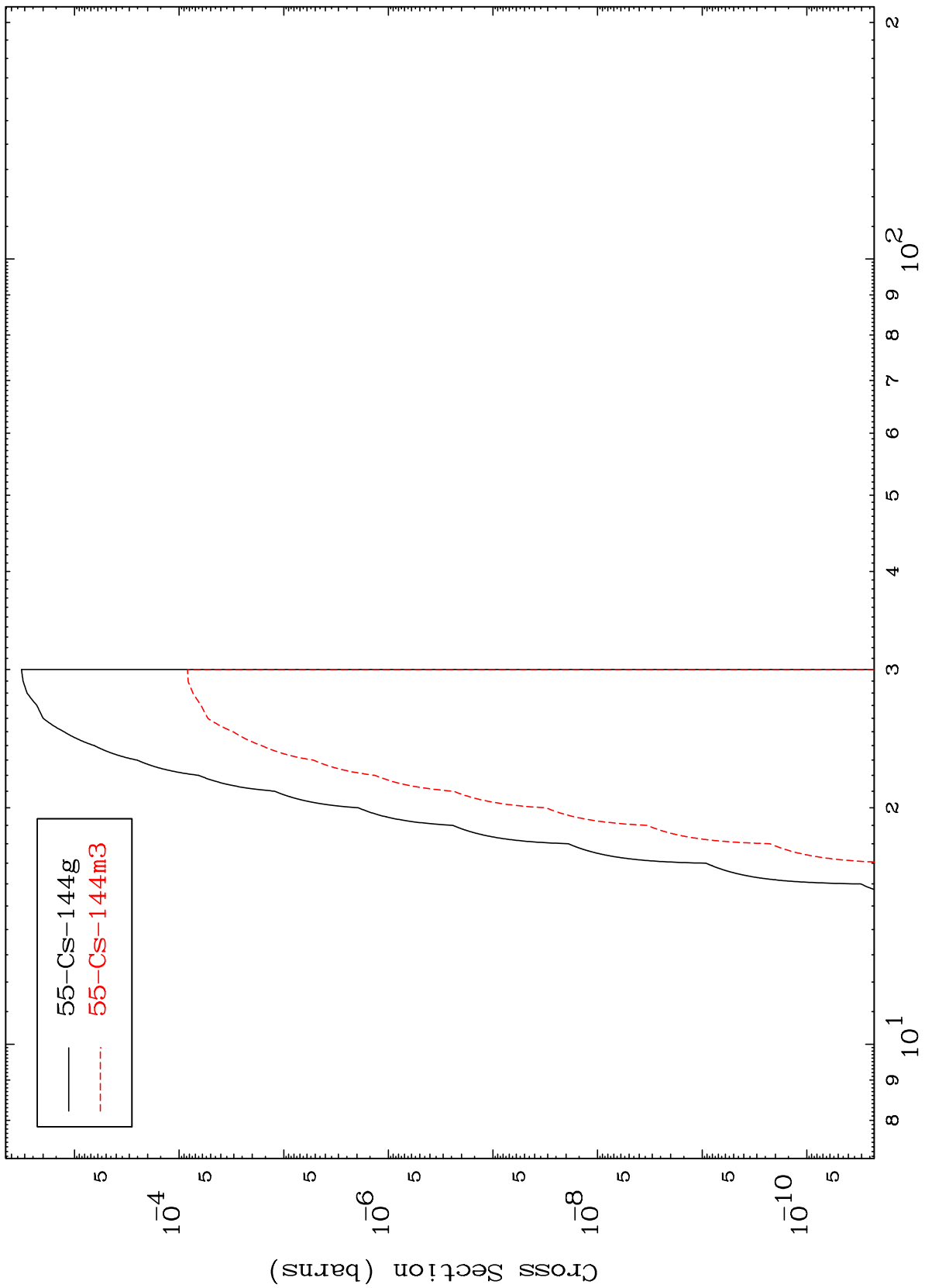


MAT 5758

(n,2n)  $\alpha$

57-La-149

Radionuclide Production Cross Section



55-Cs-144g  
55-Cs-144m3

133

Incident Energy (MeV)

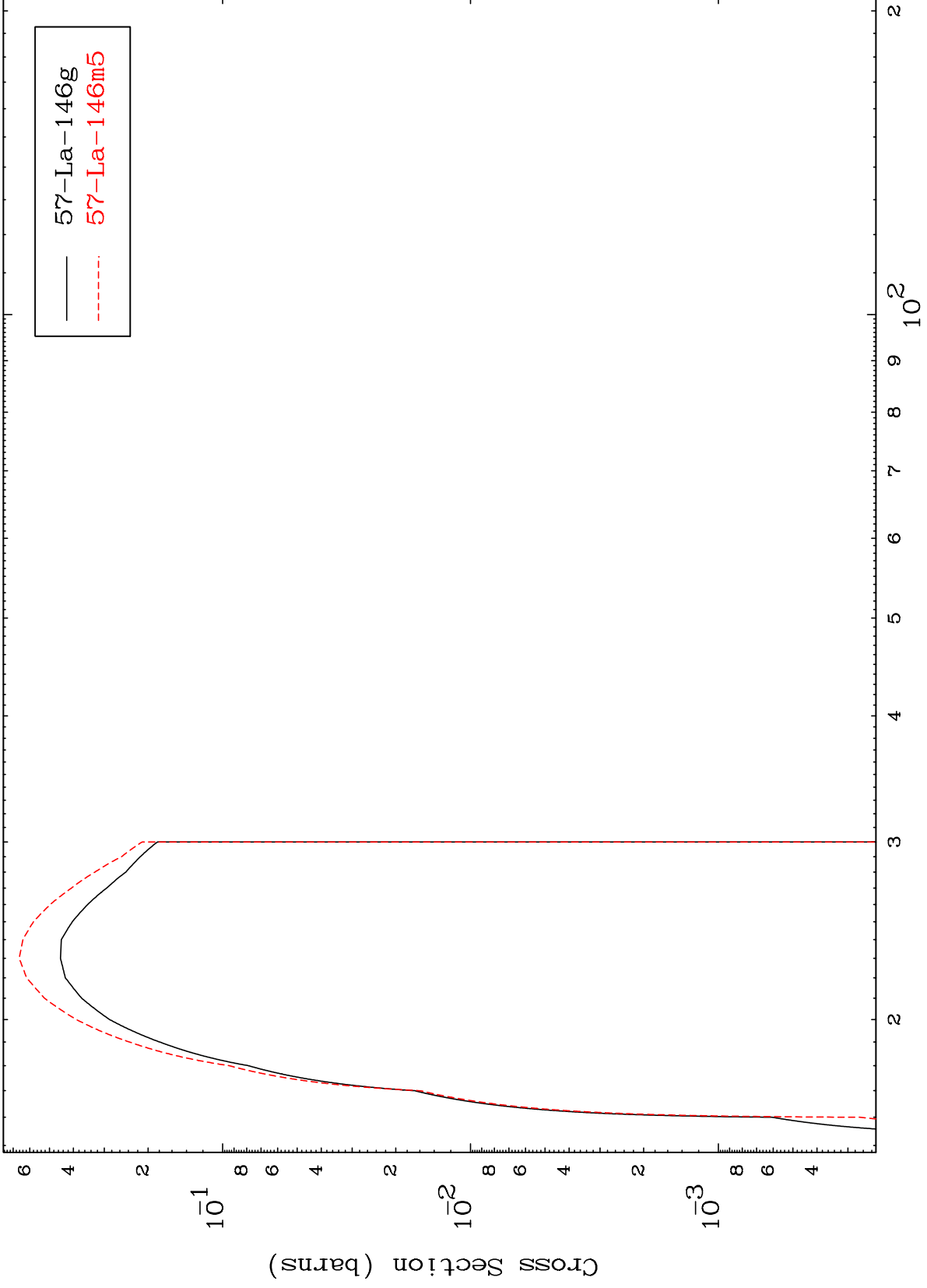
57-La-149

MAT 5758

(n,4n)

57-La-149

Radionuclide Production Cross Section



134

Incident Energy (MeV)

57-La-149