

Program EVALPLOT
(Version 2017-1)

by

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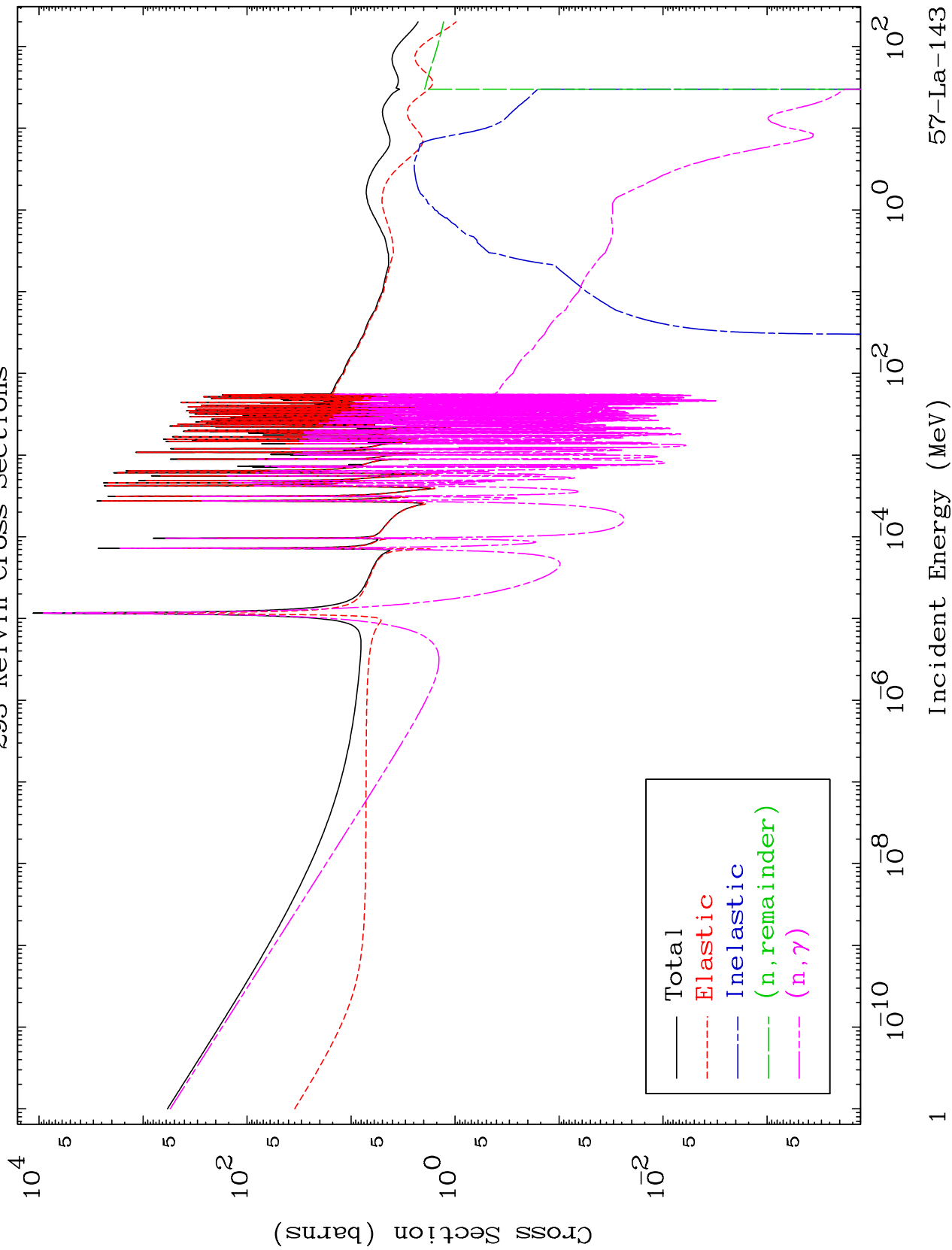
Press Mouse Button to Start

MAT 5740

Major

293 Kelvin Cross Sections

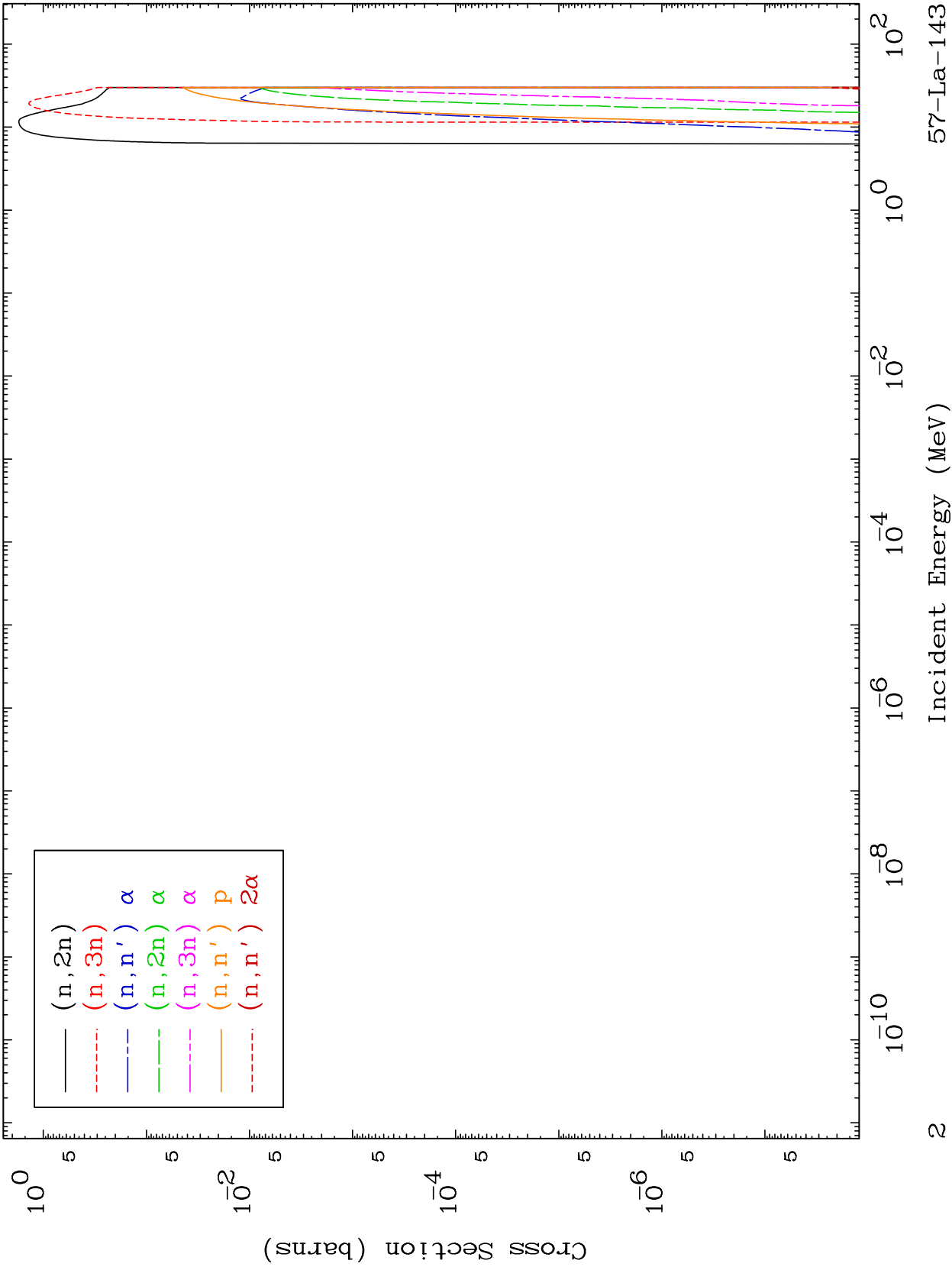
57-La-143



MAT 5740

Neutron Production
293 Kelvin Cross Sections

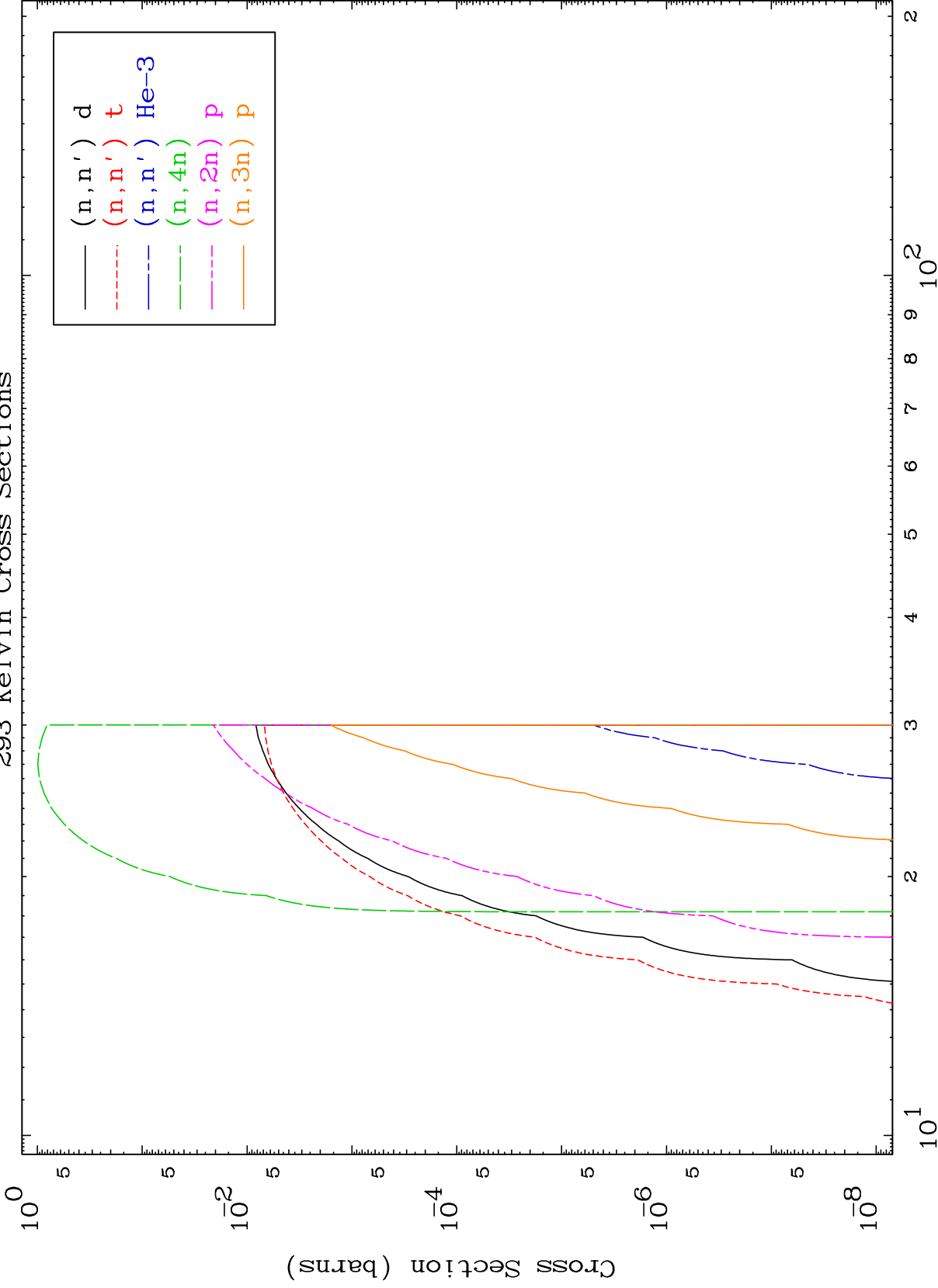
57-La-143



MAT 5740

Neutron Production
293 Kelvin Cross Sections

57-La-143



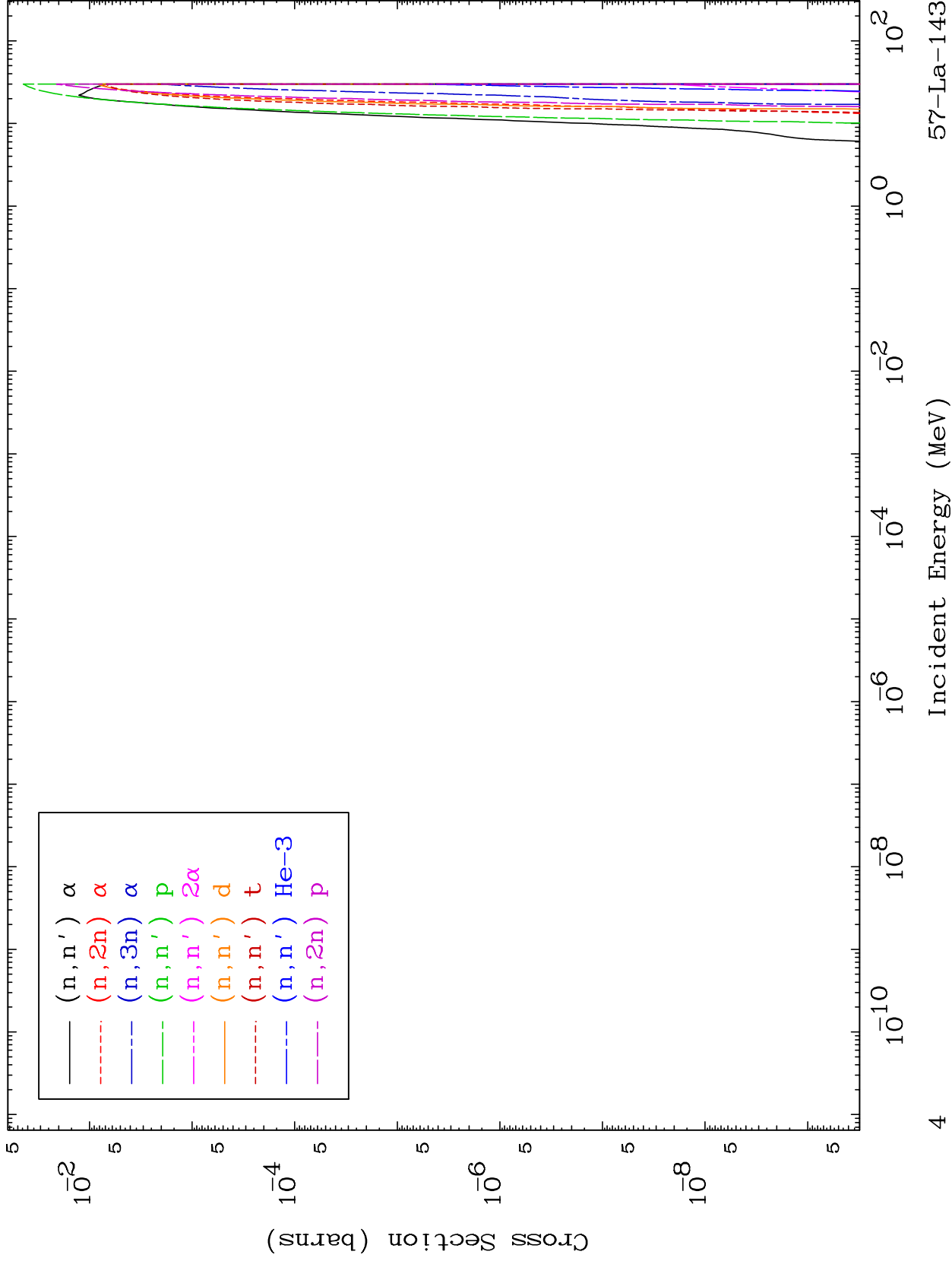
Incident Energy (MeV)

57-La-143

MAT 5740

Charged Particle
293 Kelvin Cross Sections

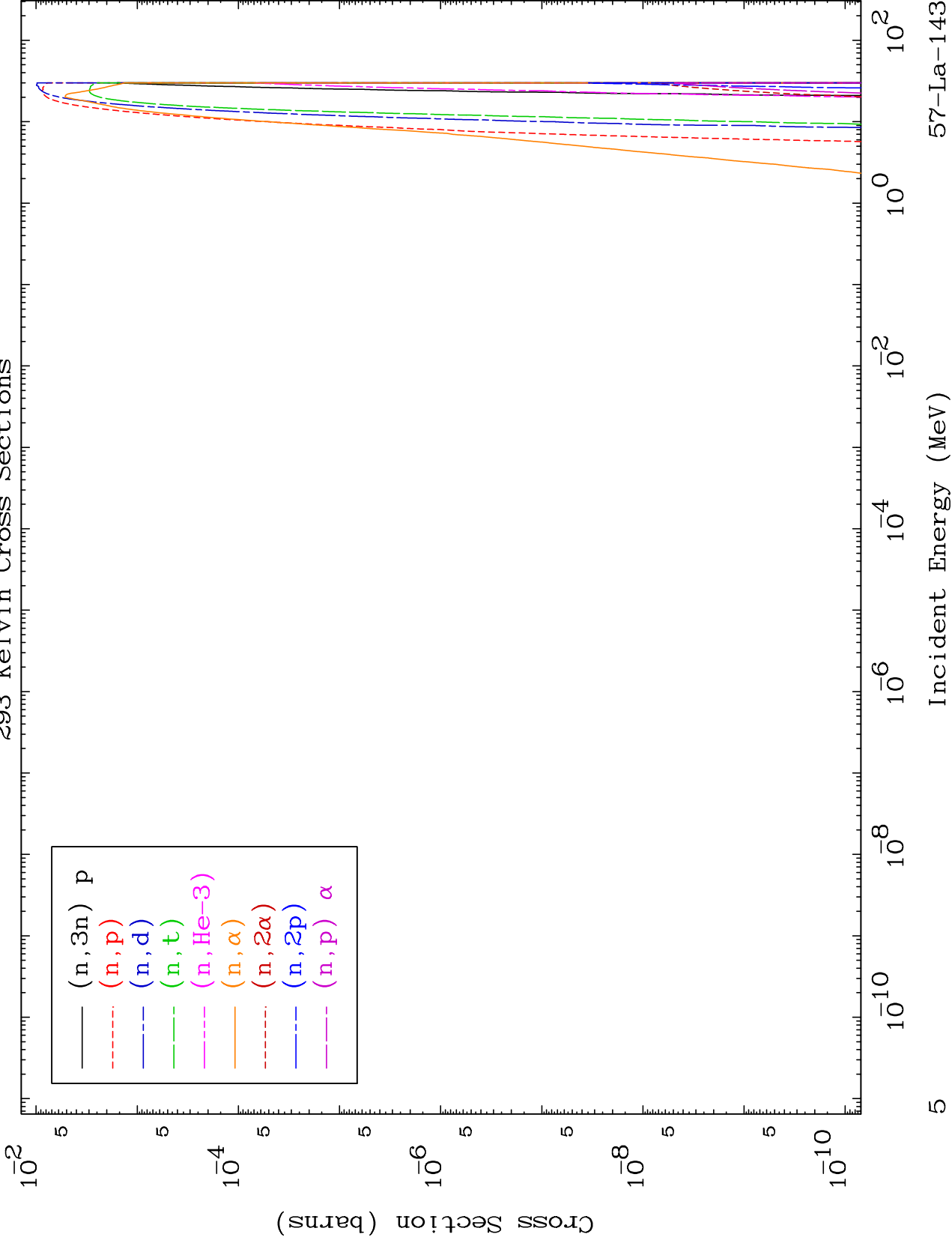
57-La-143



MAT 5740

Charged Particle
293 Kelvin Cross Sections

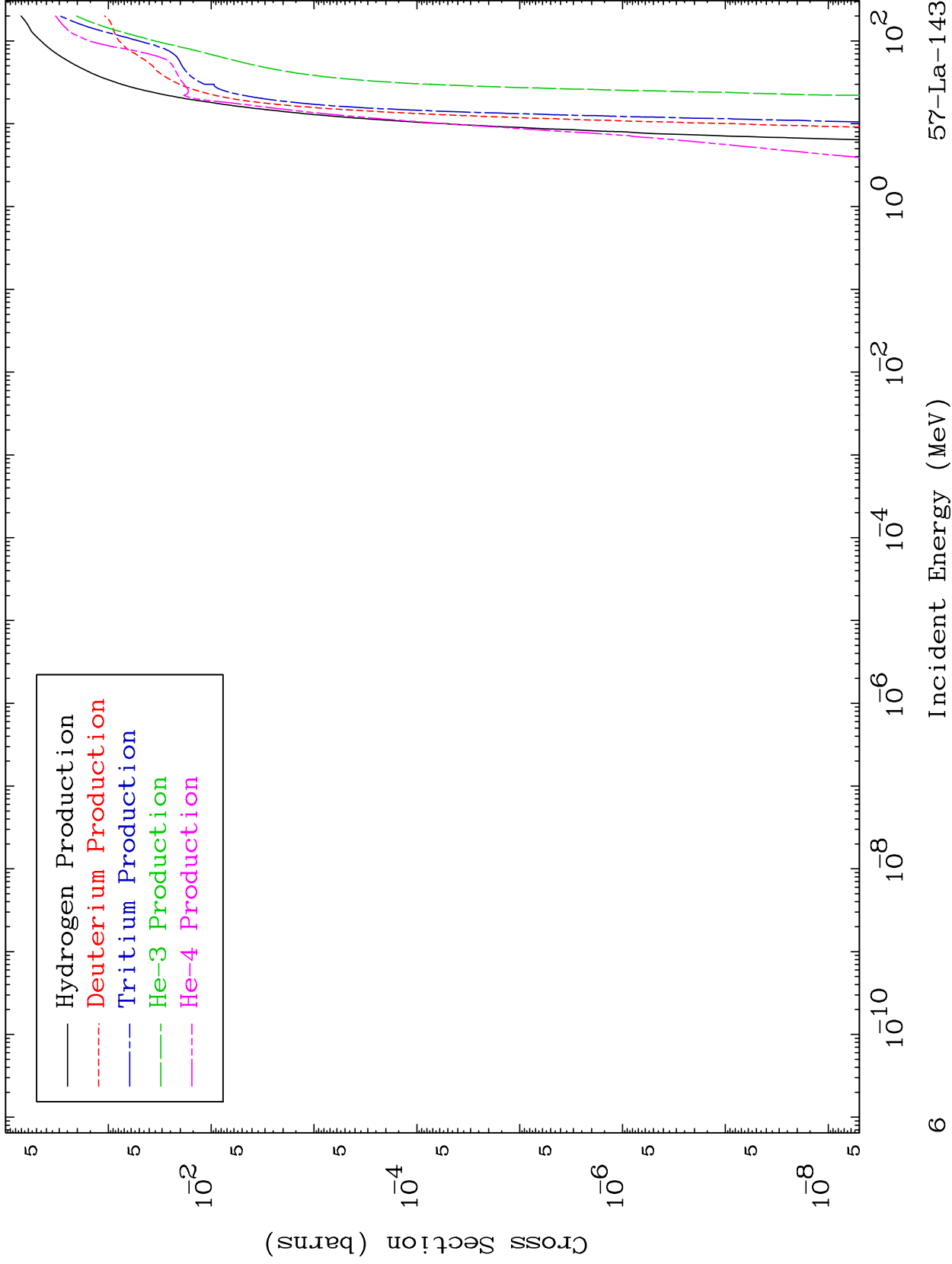
57-La-143



MAT 5740

Particle Production
293 Kelvin Cross Sections

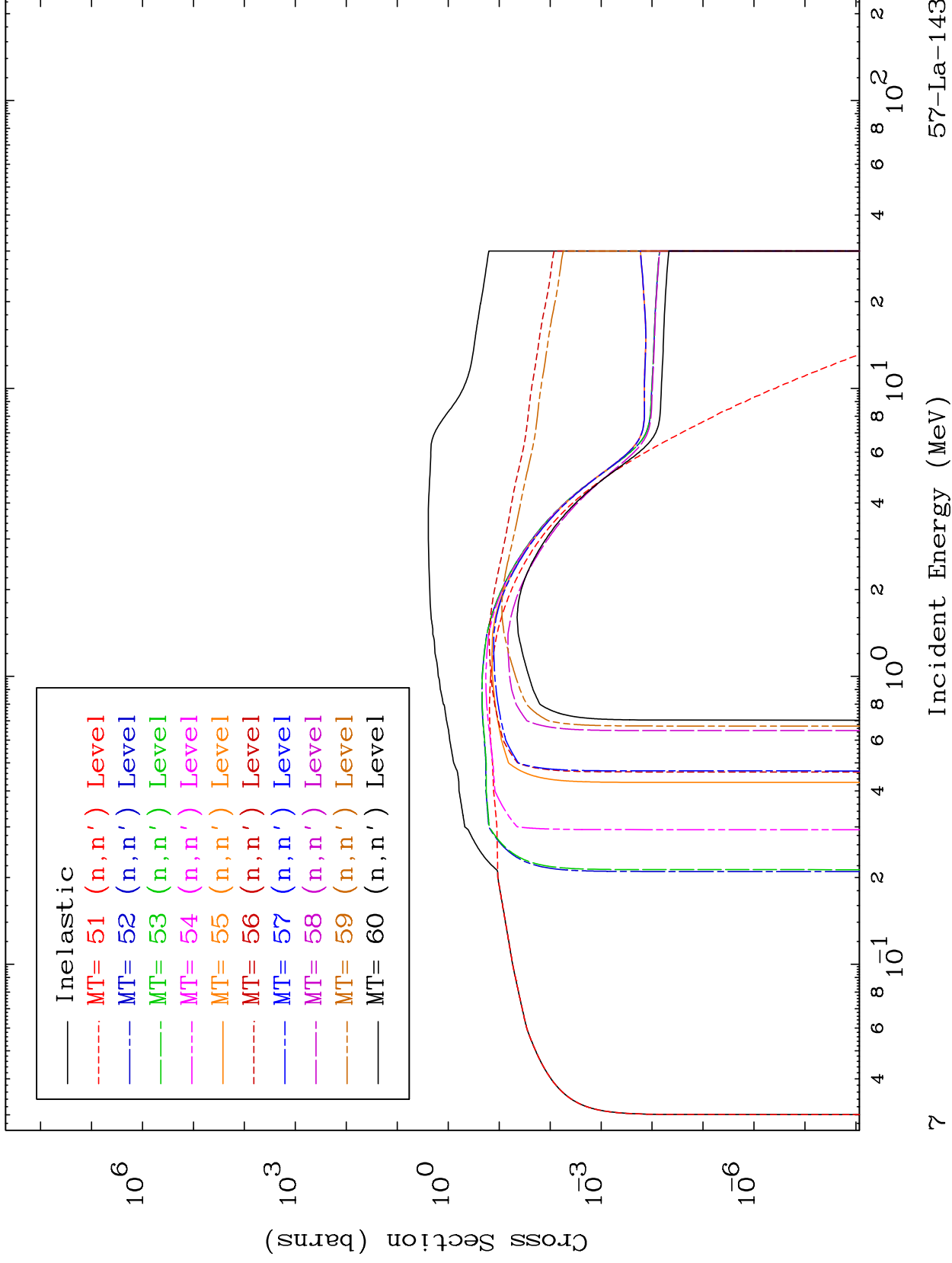
57-La-143



MAT 5740

(n,n') Level
293 Kelvin Cross Sections

57-La-143

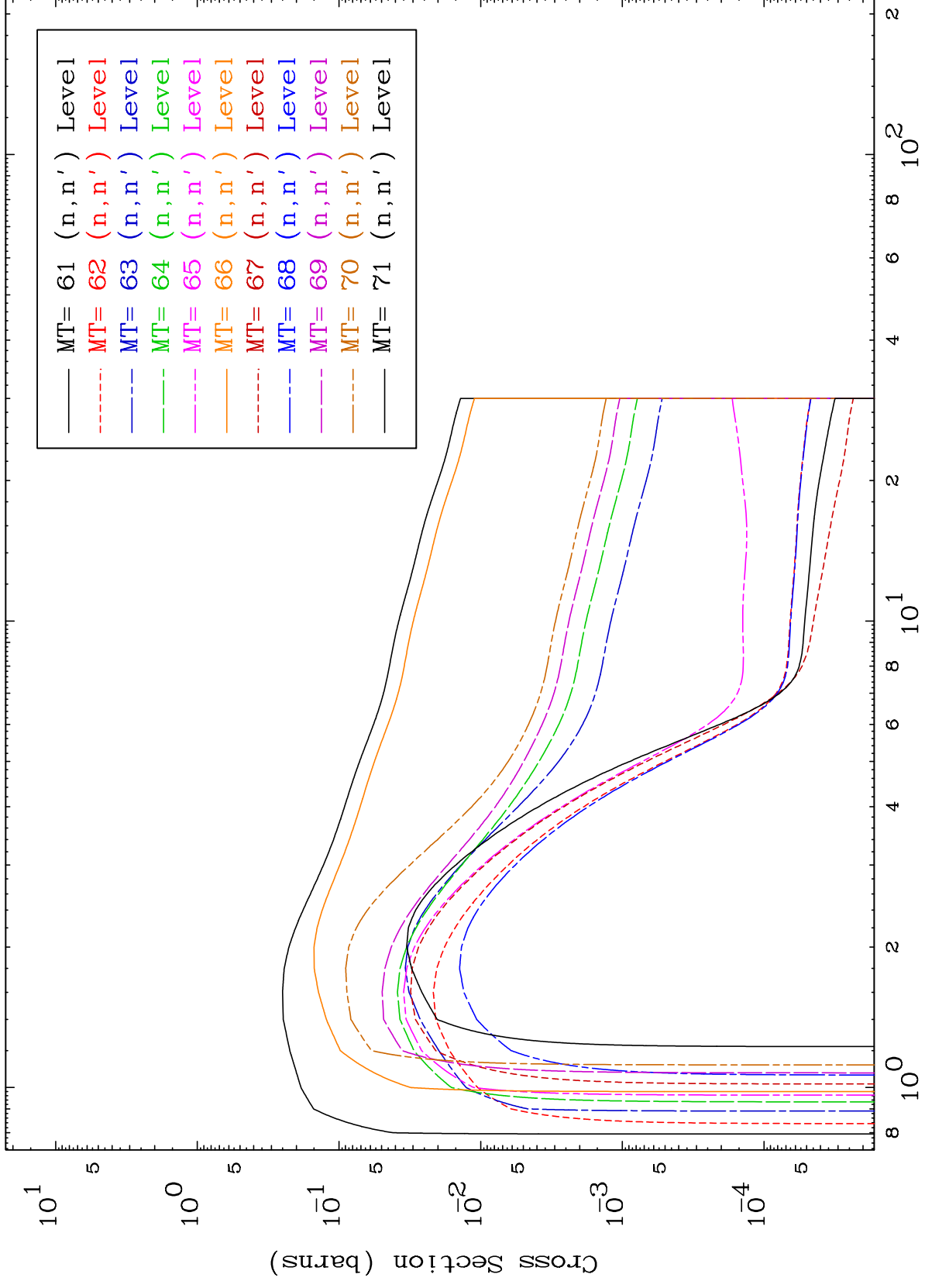


MAT 5740

(n,n') Level

57-La-143

293 Kelvin Cross Sections

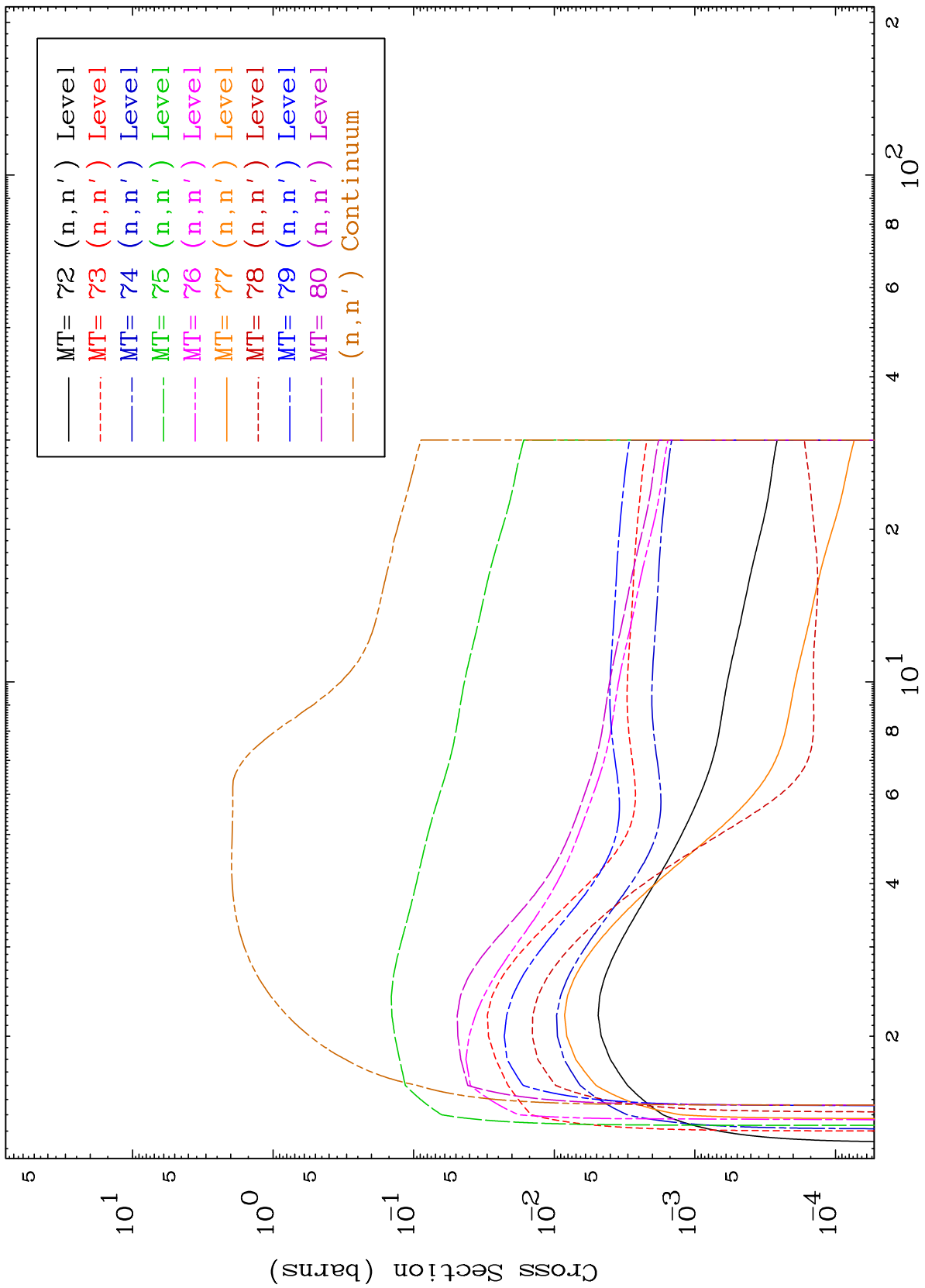


Incident Energy (MeV)

57-La-143

8

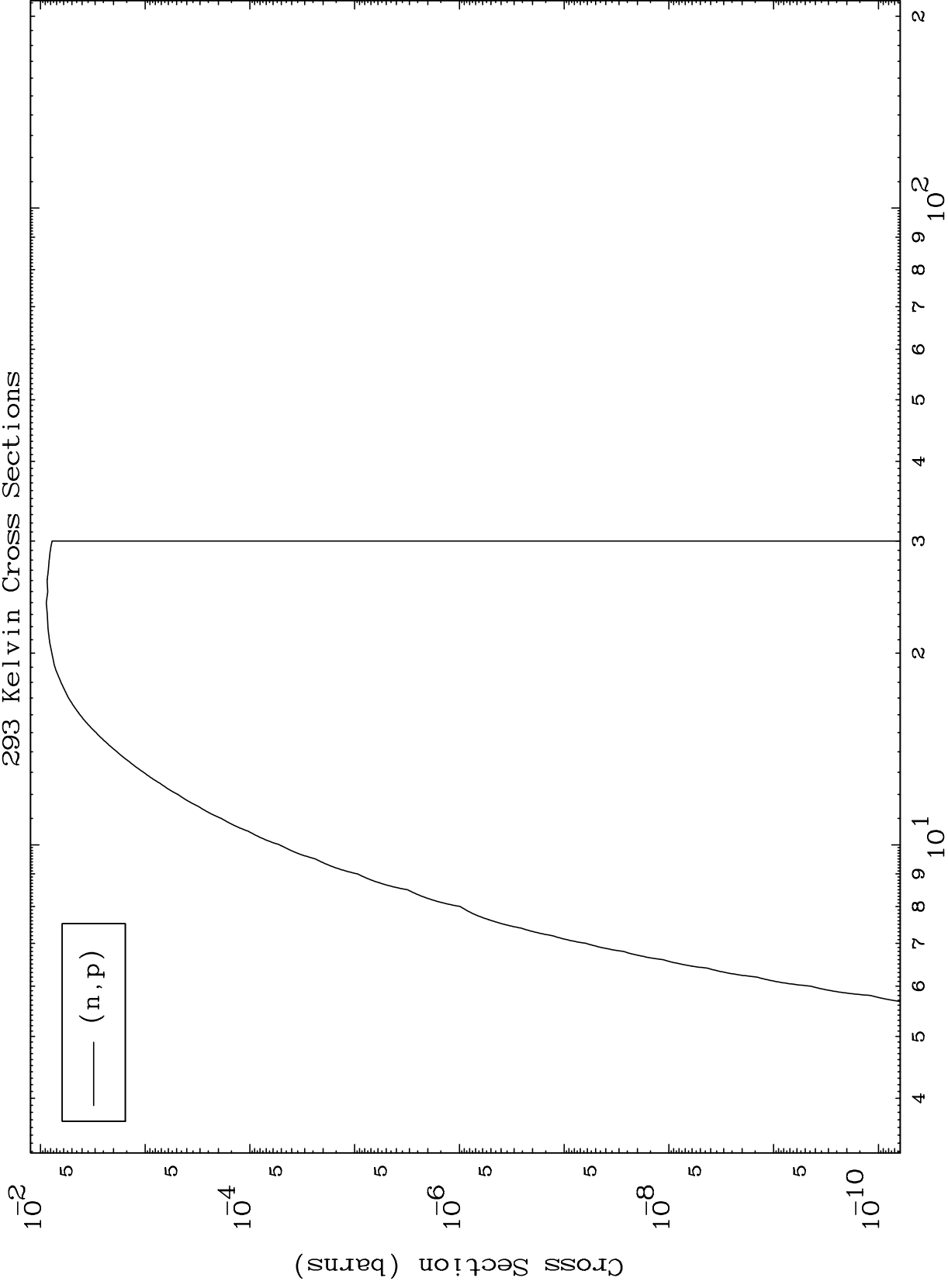
293 Kelvin Cross Sections



MAT 5740

(n,p) Levels
293 Kelvin Cross Sections

57-La-143



10

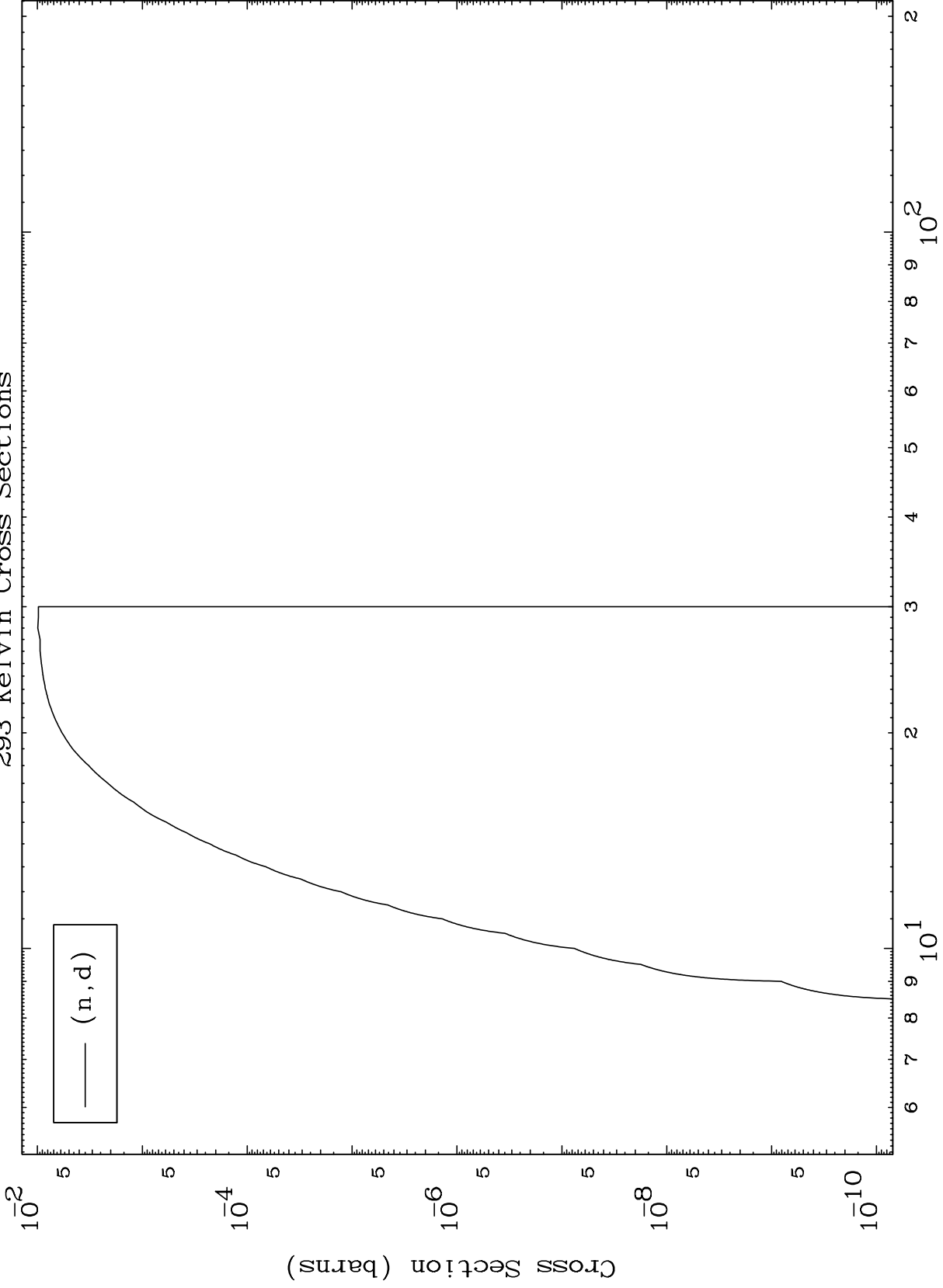
Incident Energy (MeV)

57-La-143

MAT 5740

(n,d) Levels
293 Kelvin Cross Sections

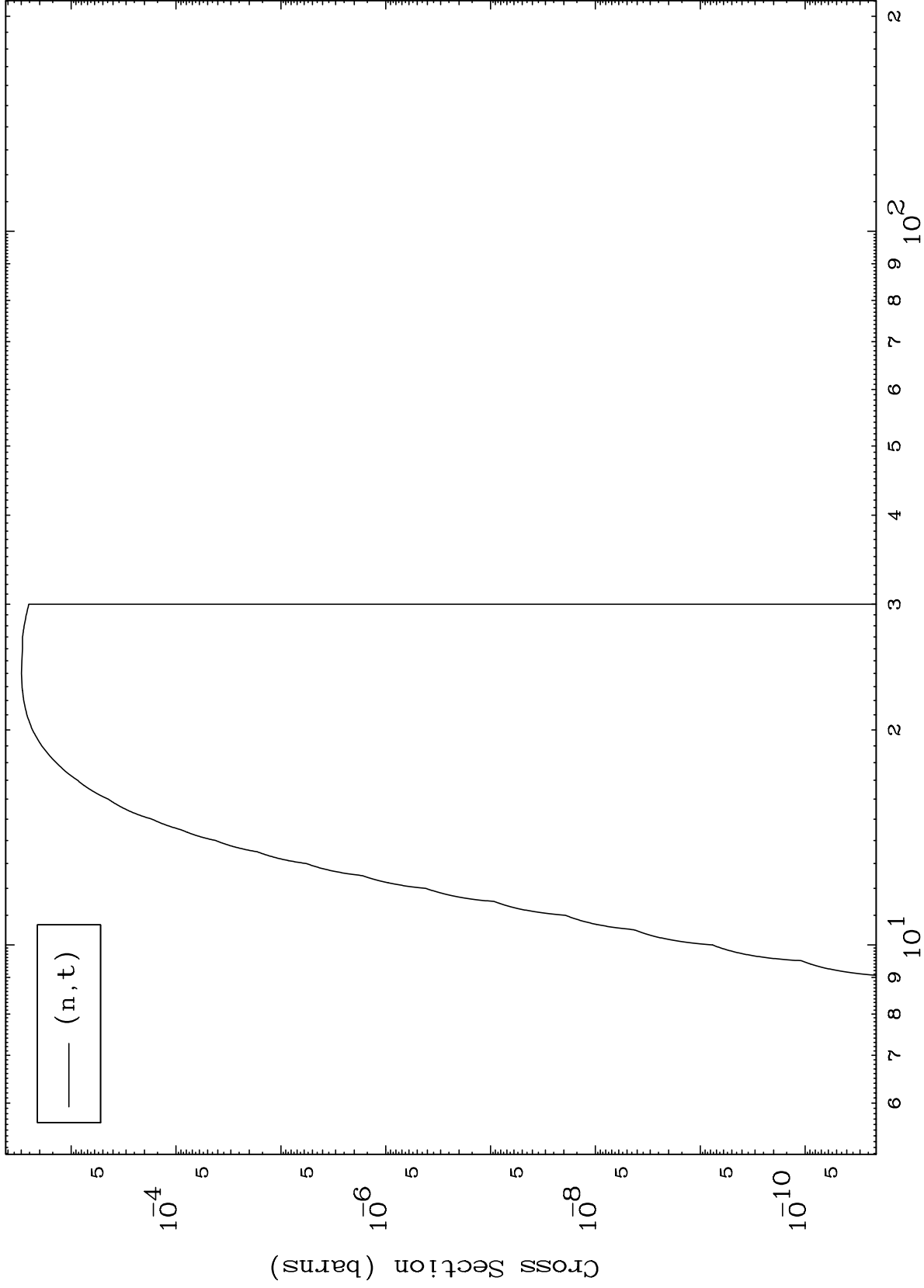
57-La-143



MAT 5740

(n,t) Levels
293 Kelvin Cross Sections

57-La-143



12

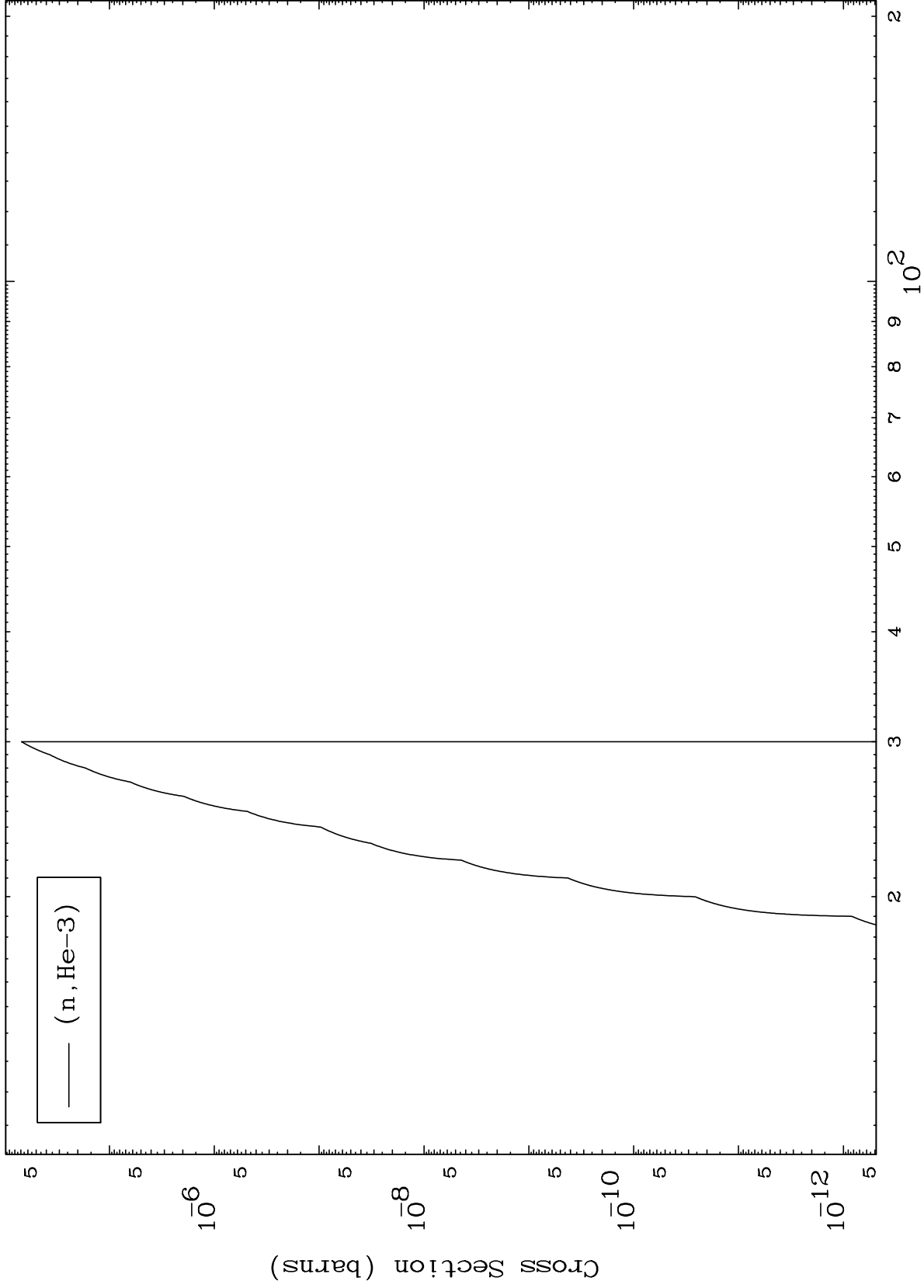
Incident Energy (MeV)

57-La-143

MAT 5740

(n,He3) Levels
293 Kelvin Cross Sections

57-La-143



13

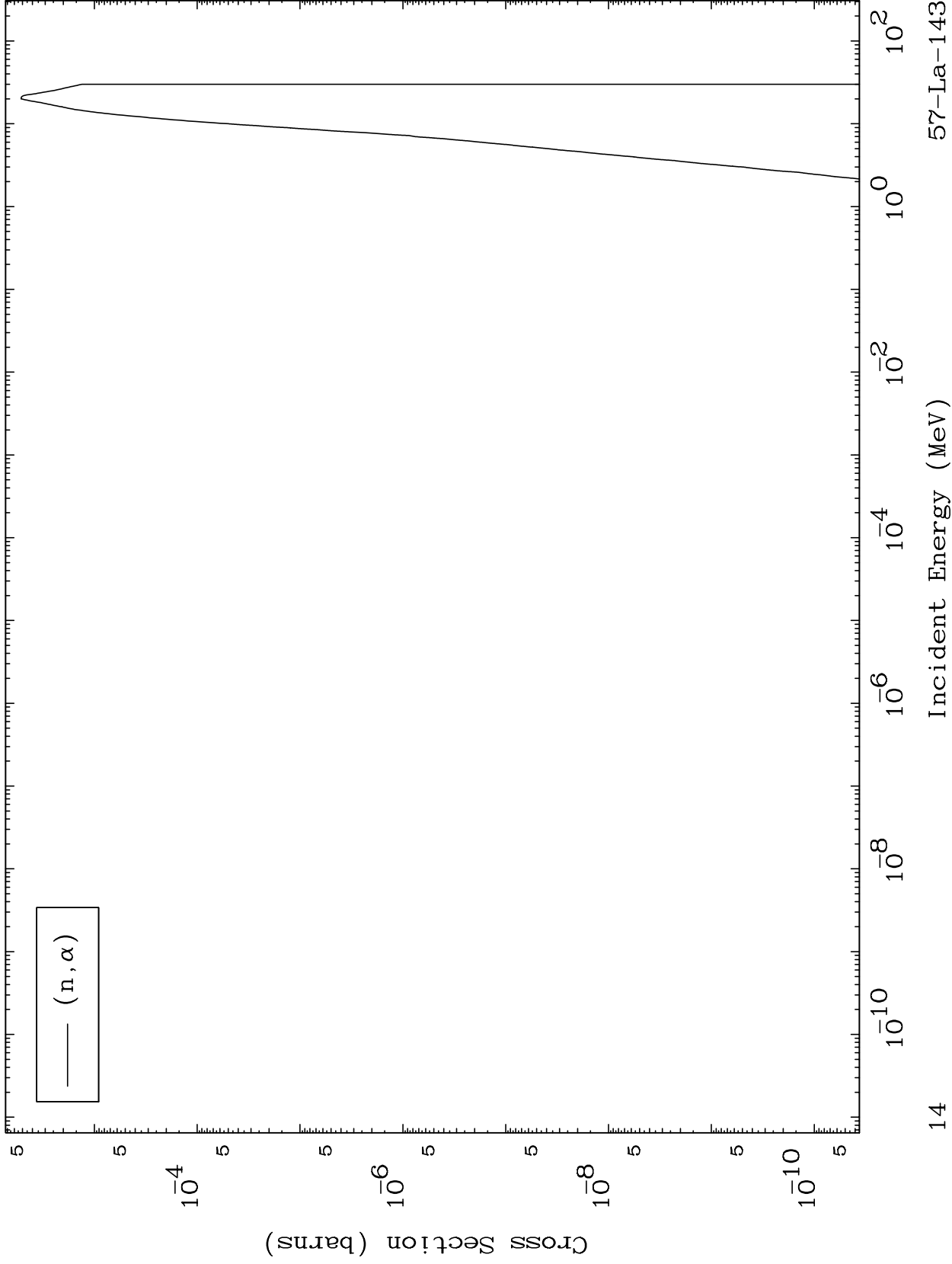
Incident Energy (MeV)

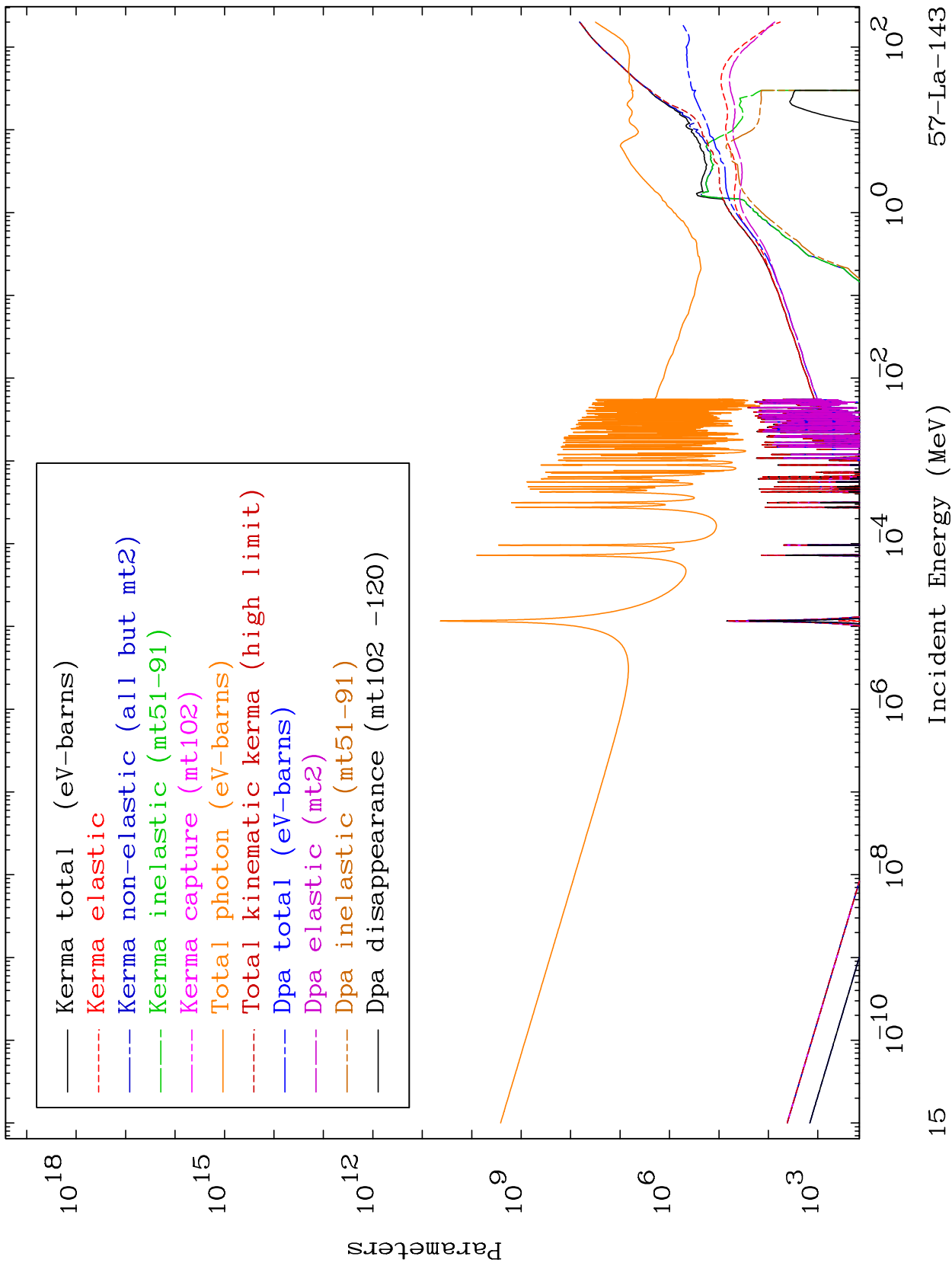
57-La-143

MAT 5740

(n, α) Levels
293 Kelvin Cross Sections

57-La-143

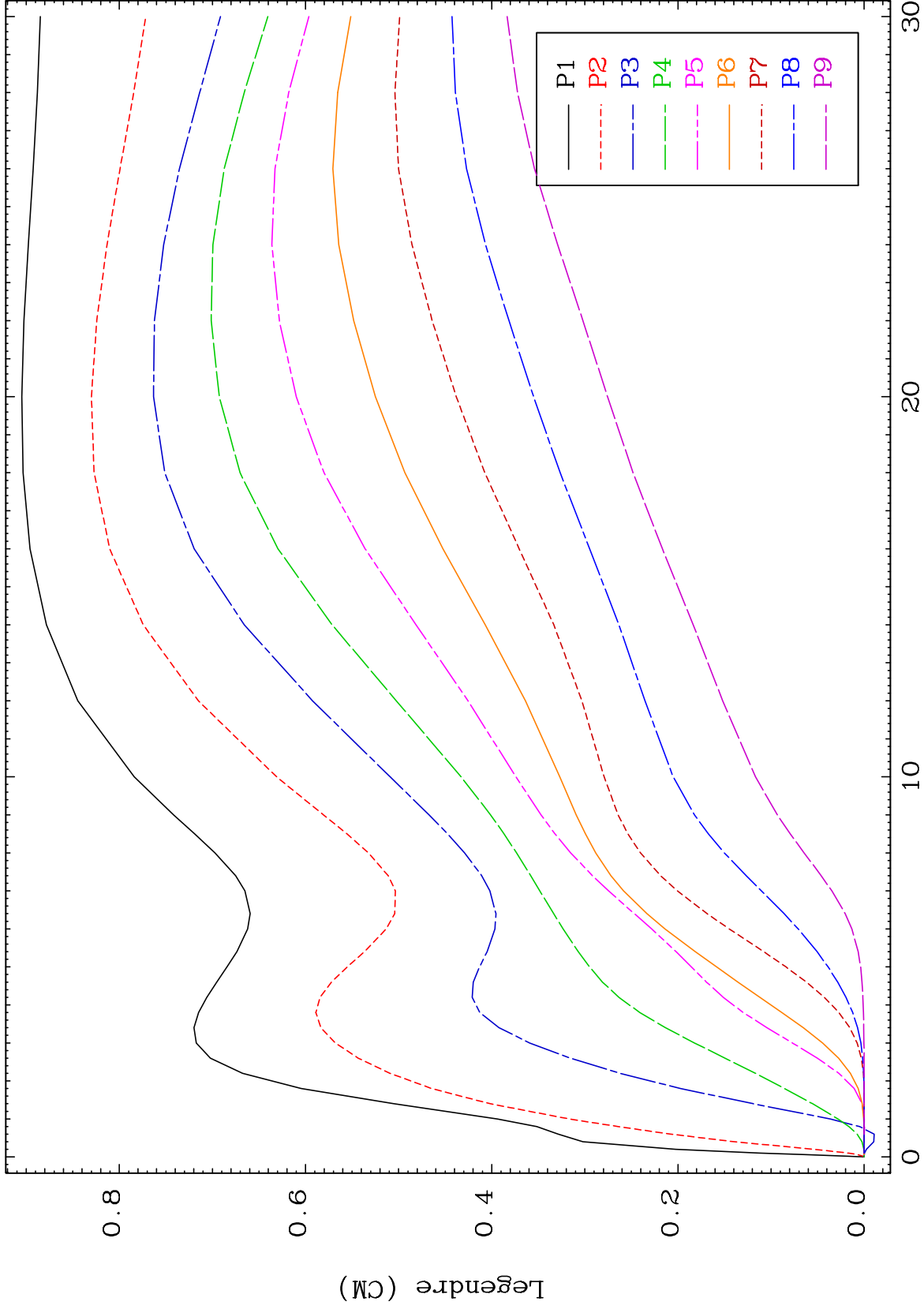




MAT 5740

Elastic Legendre Coefficients

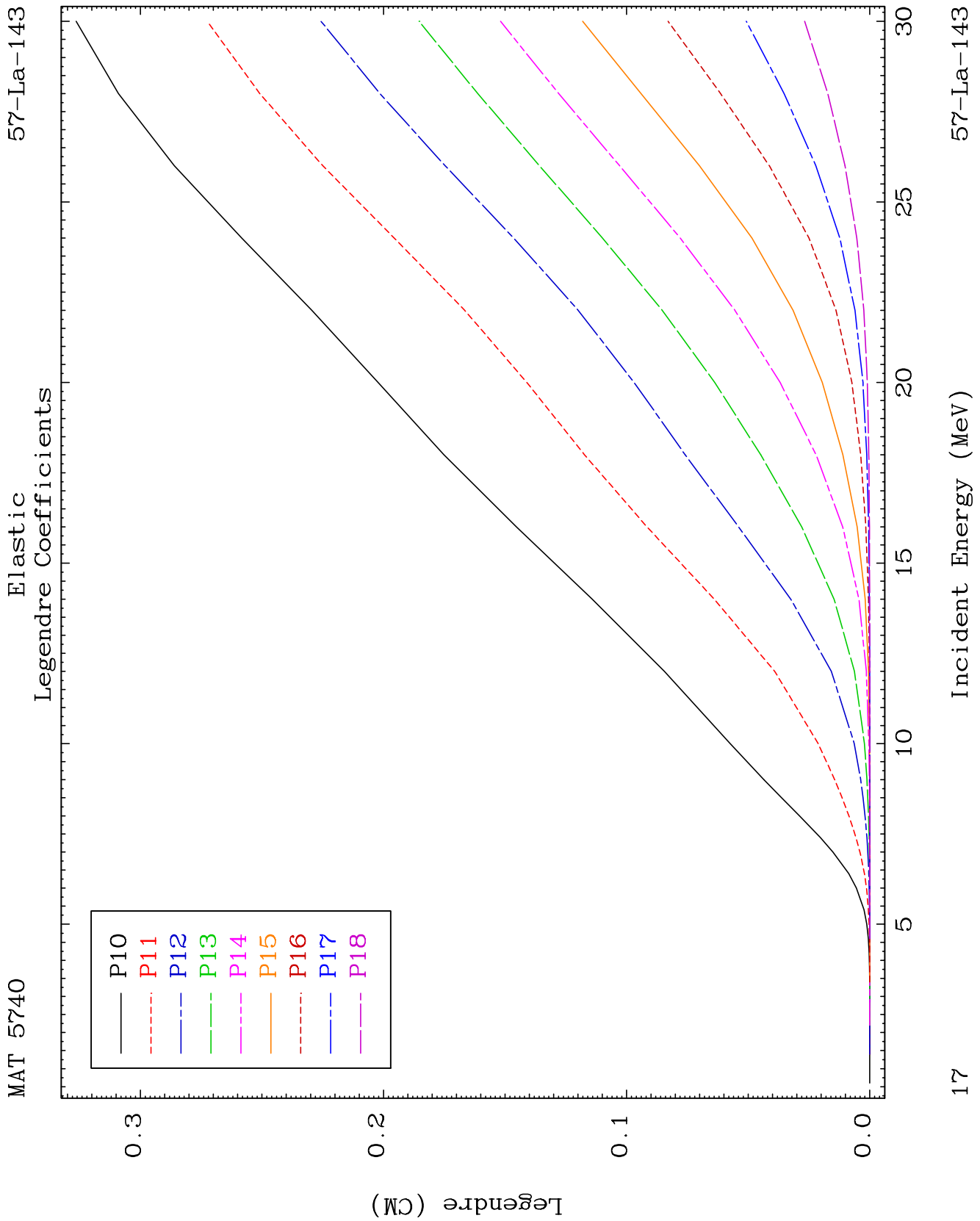
57-La-143



Incident Energy (MeV)

57-La-143

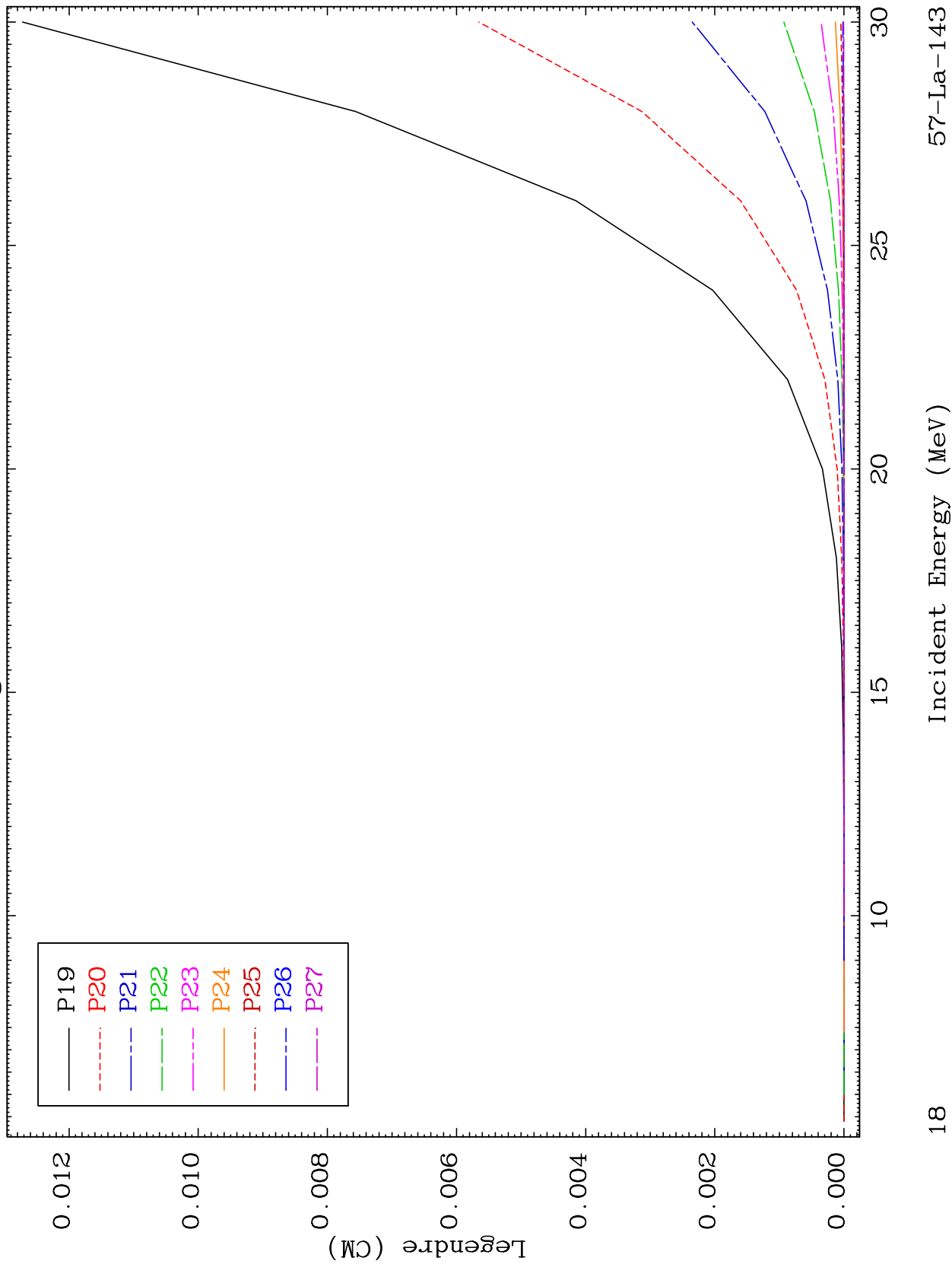
16



MAT 5740

Elastic Legendre Coefficients

57-La-143



18

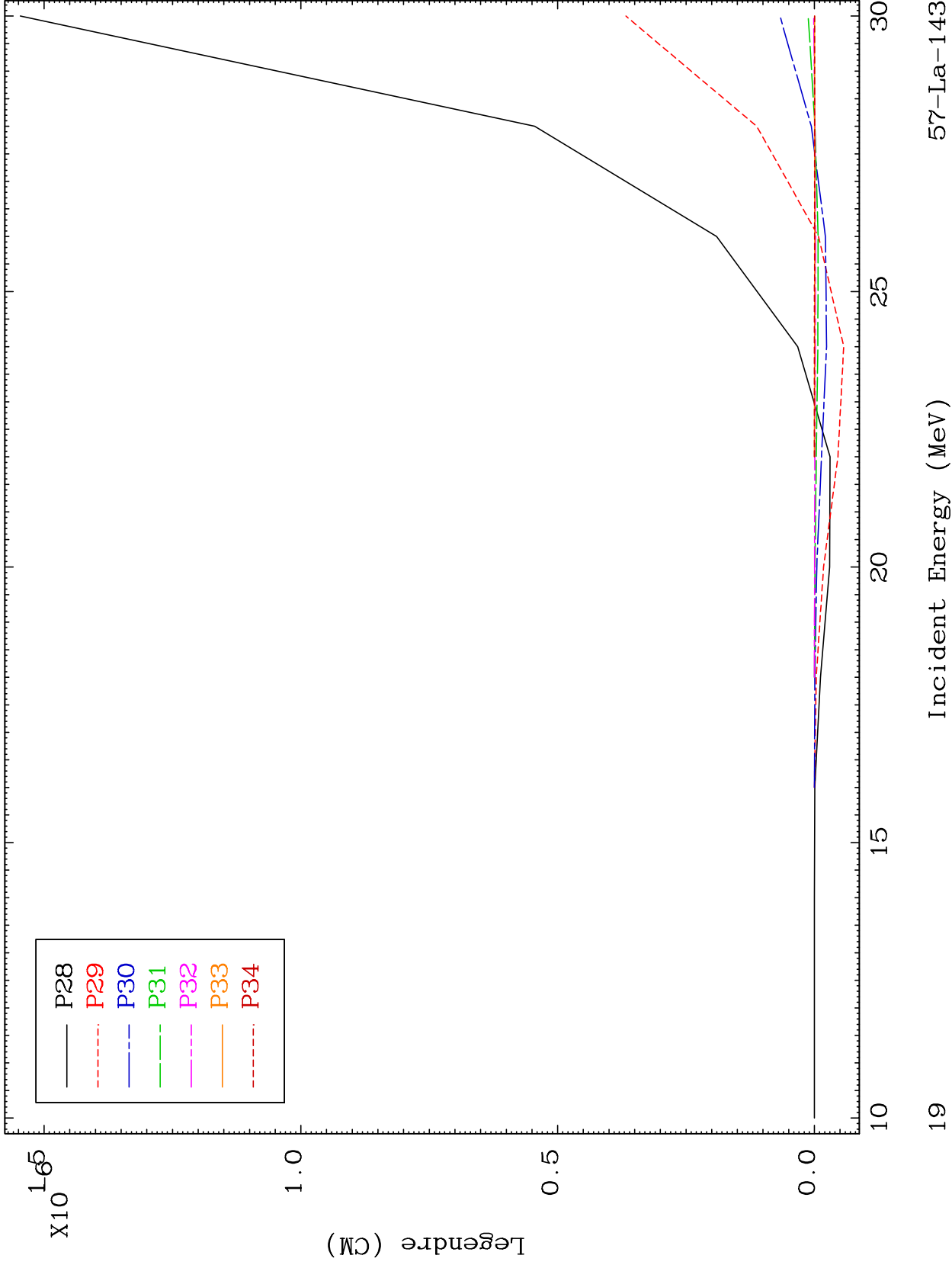
Incident Energy (MeV)

57-La-143

MAT 5740

Elastic
Legendre Coefficients

57-La-143



19

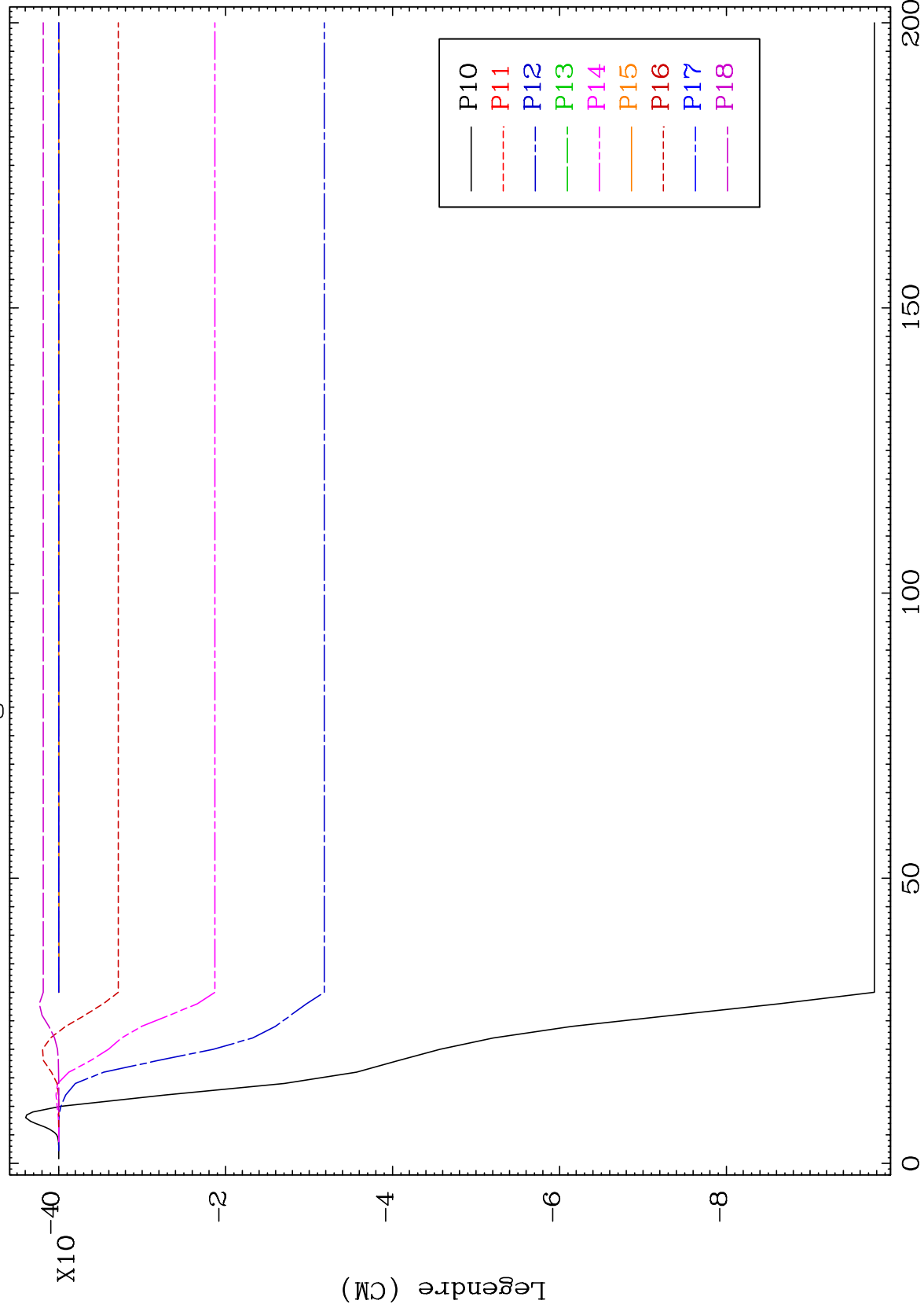
Incident Energy (MeV)

57-La-143

MAT 5740

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

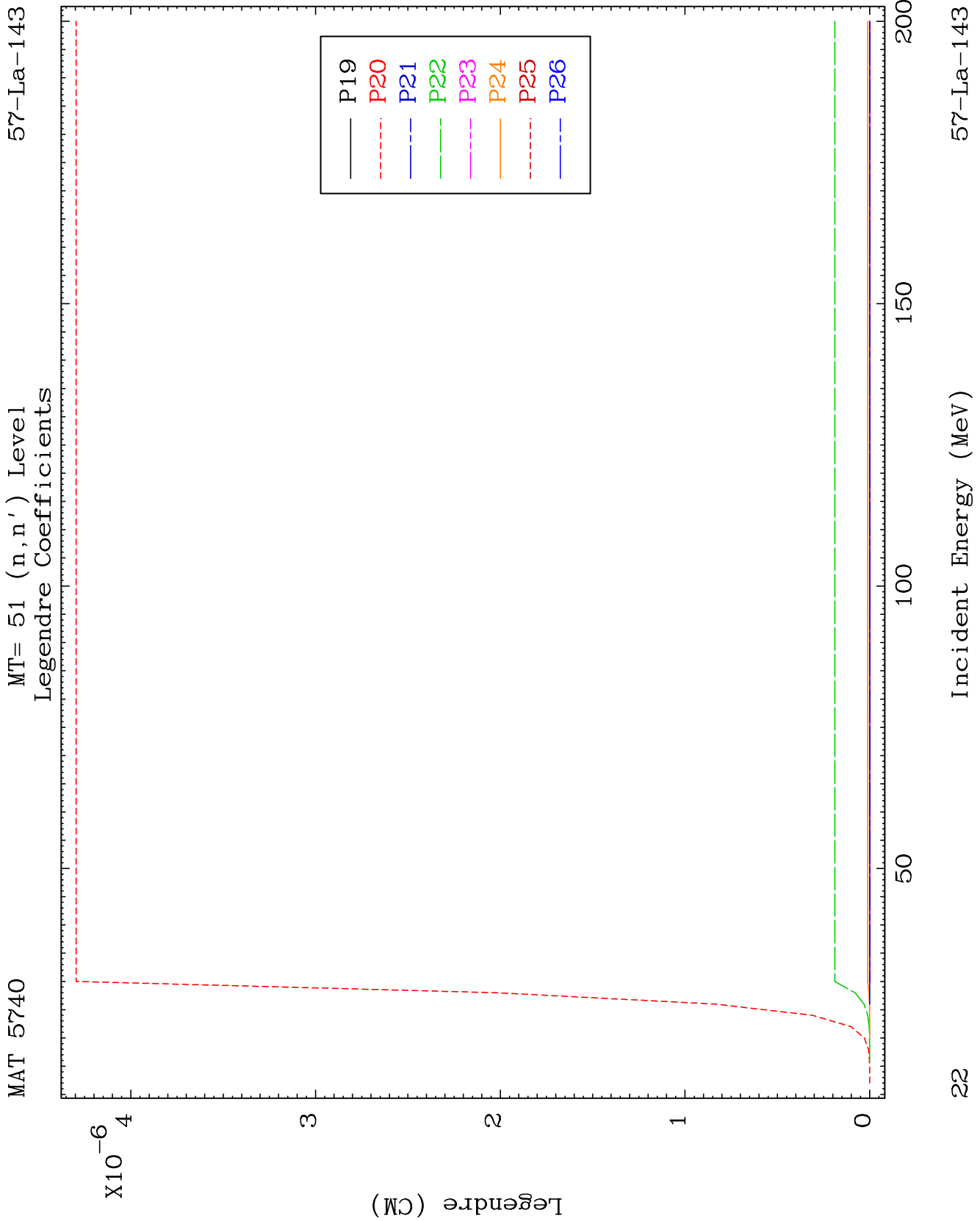
57-La-143



21

Incident Energy (MeV)

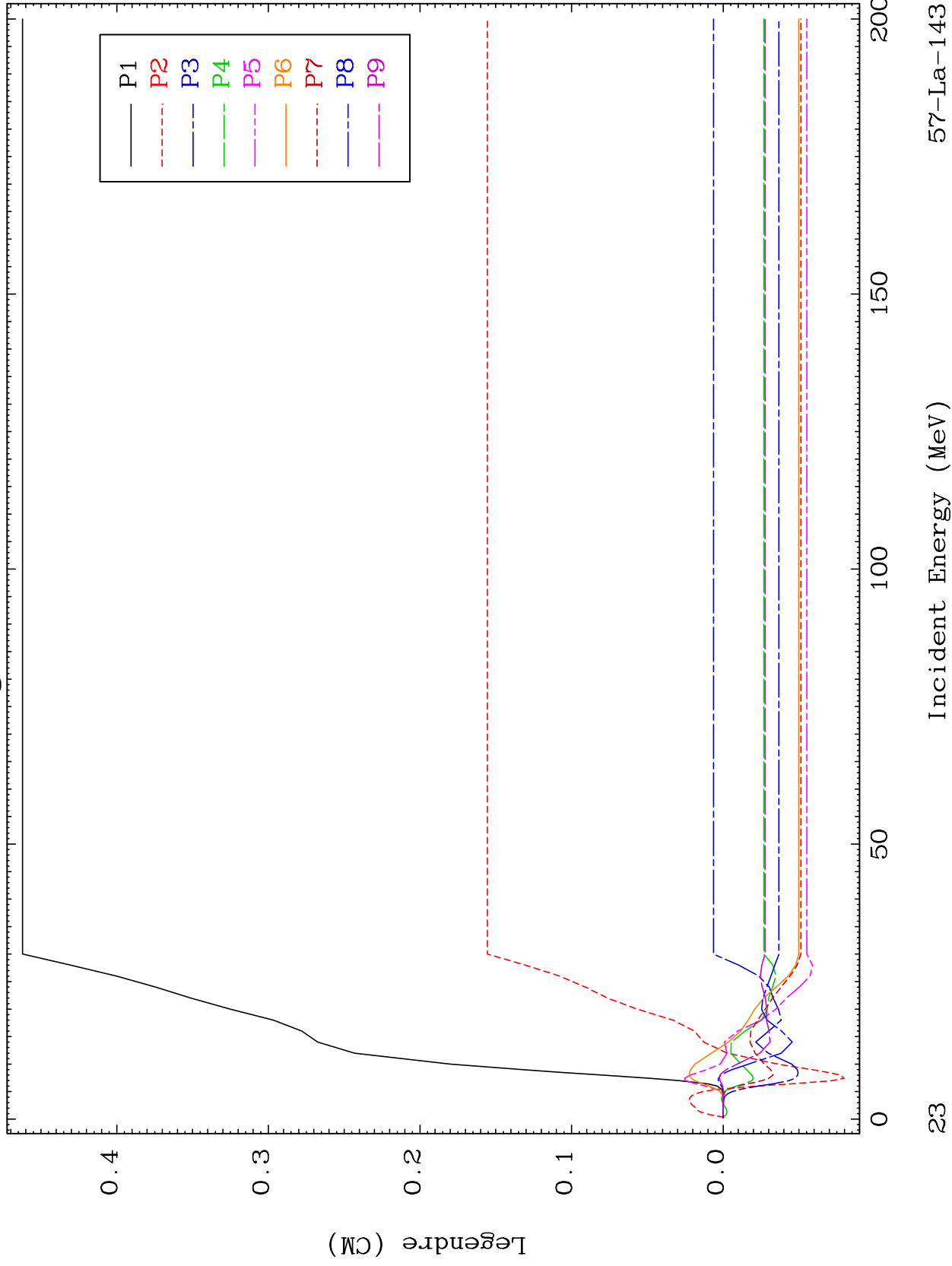
57-La-143

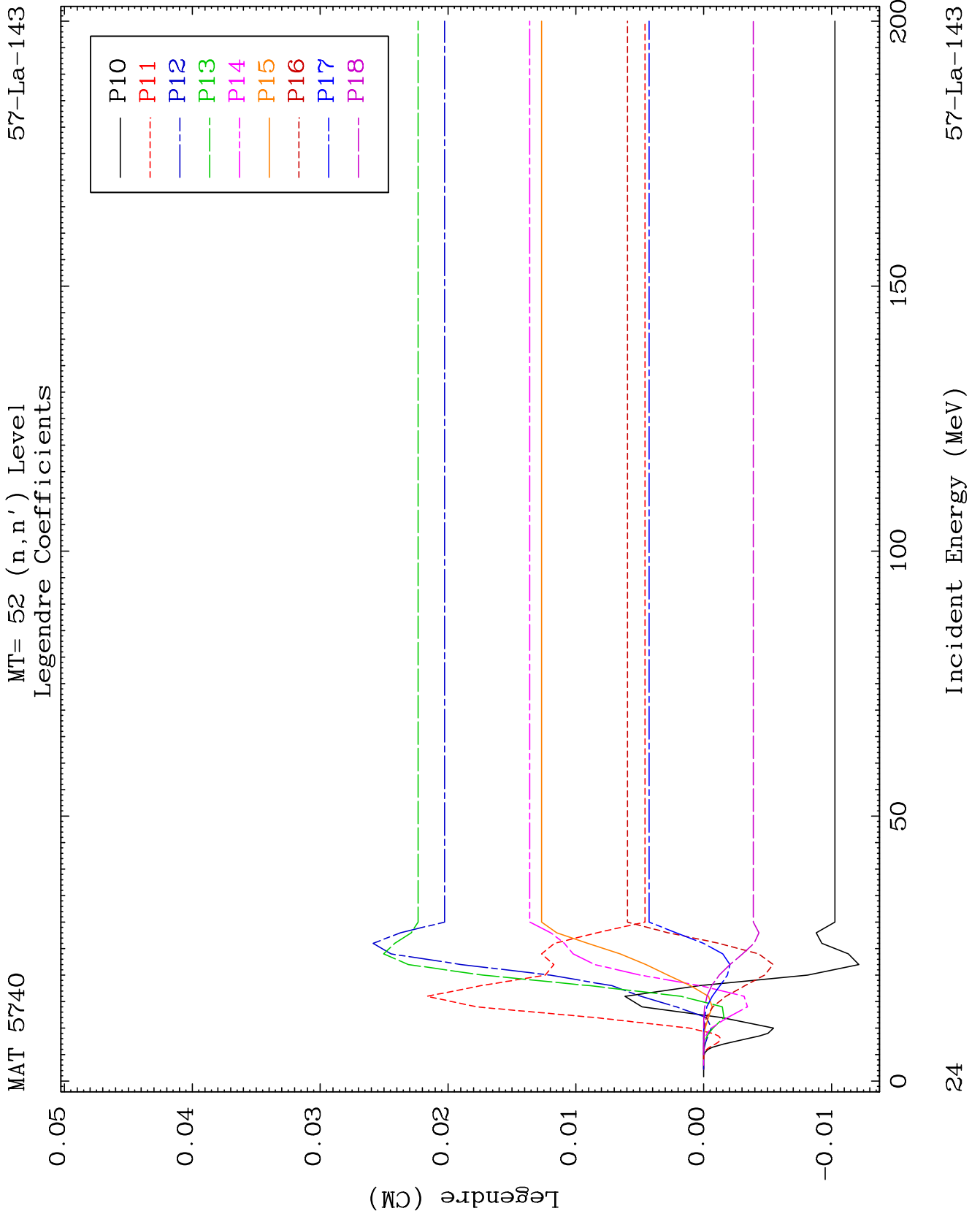


MAT 5740

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

57-La-143

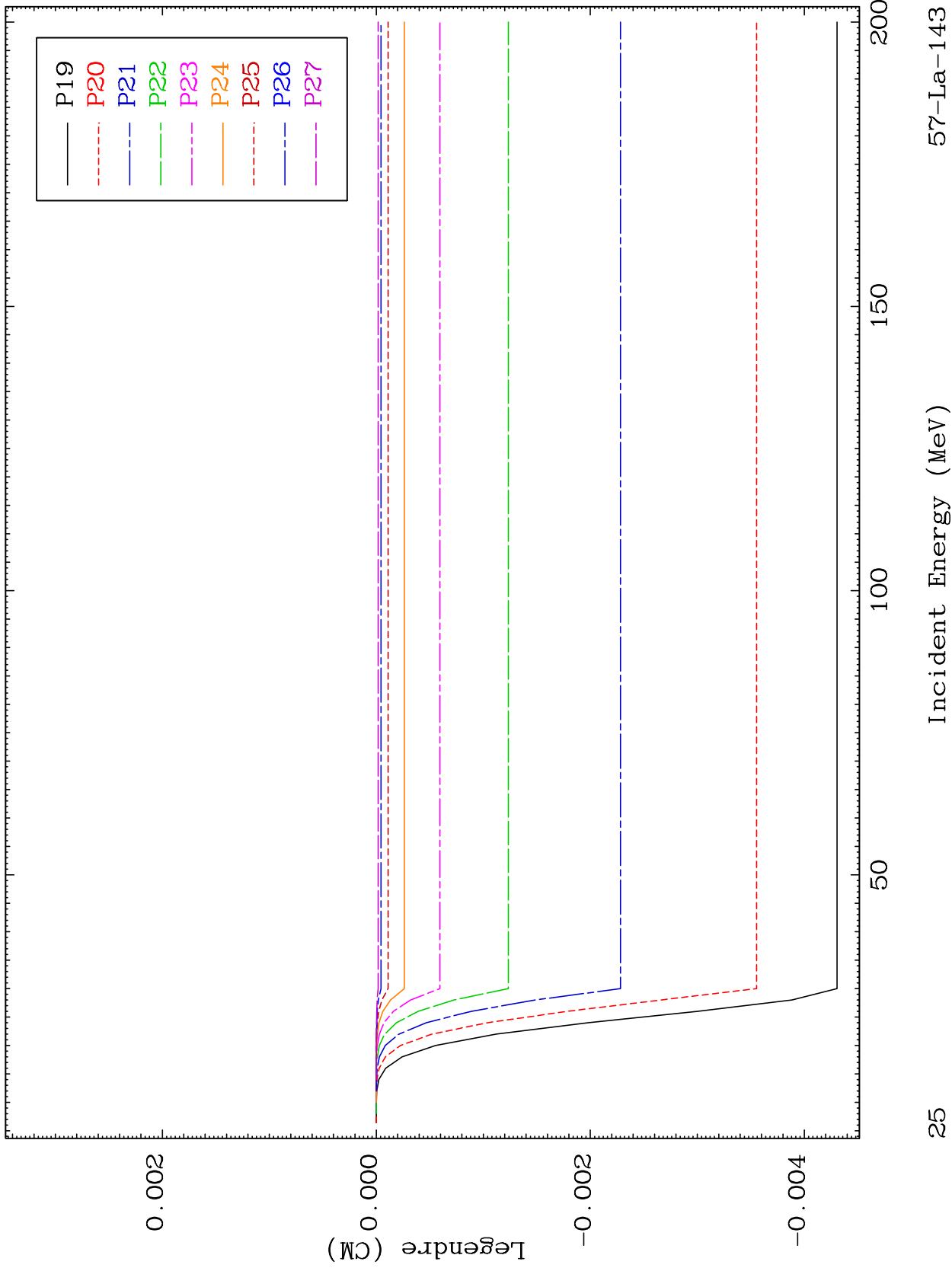




MAT 5740

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

57-La-143



57-La-143

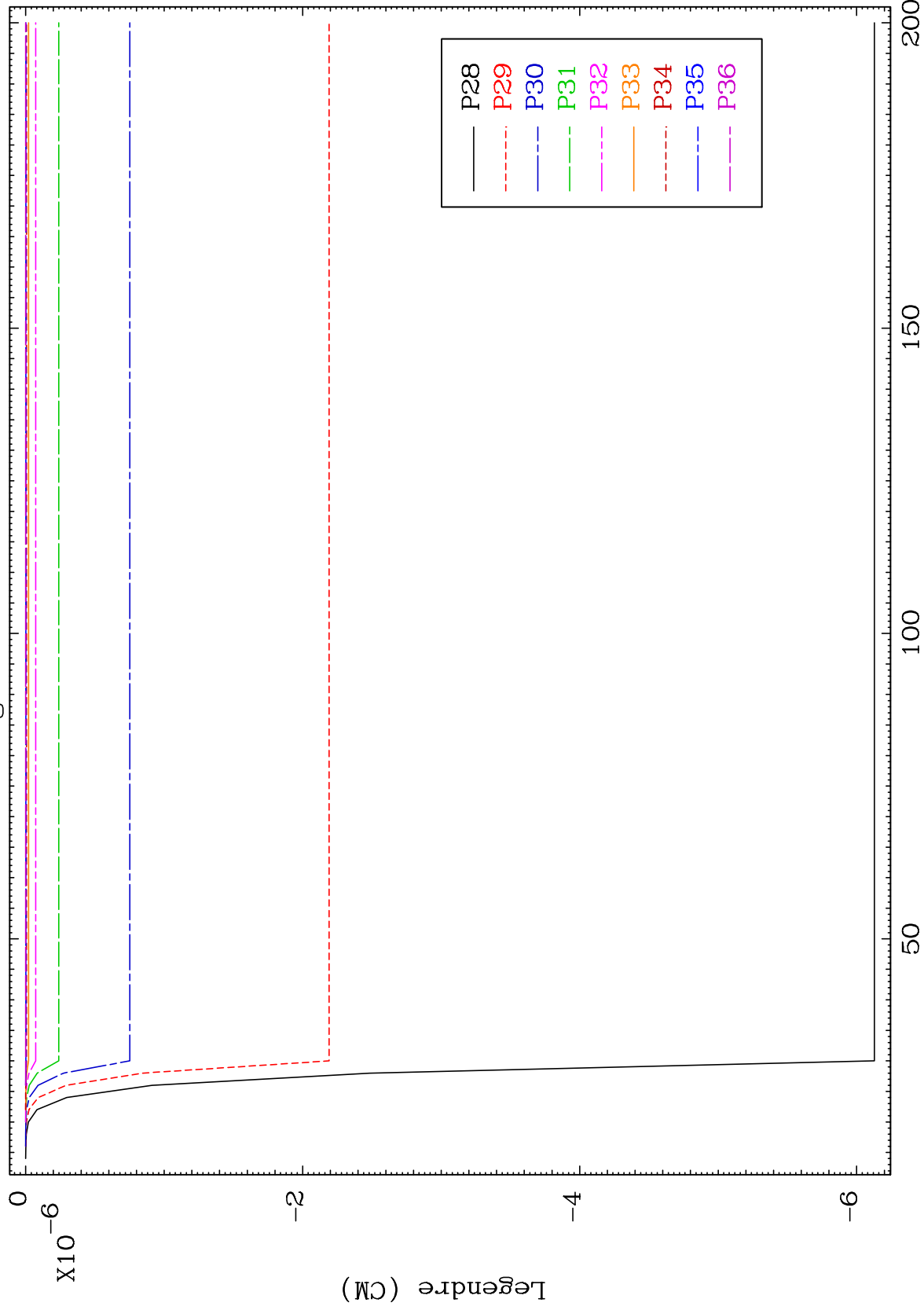
Incident Energy (MeV)

25

MAT 5740

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

57-La-143



26

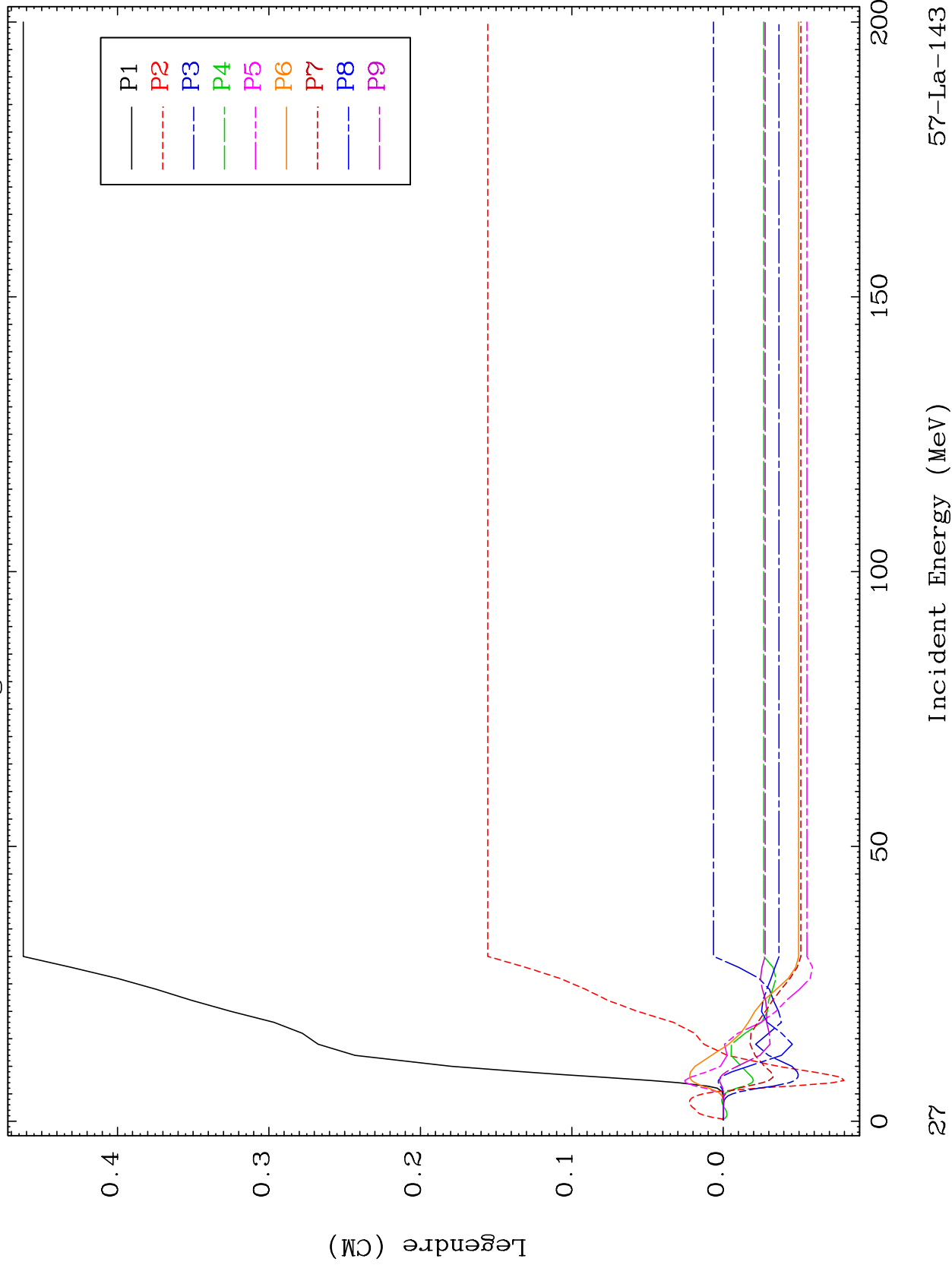
Incident Energy (MeV)

57-La-143

MAT 5740

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

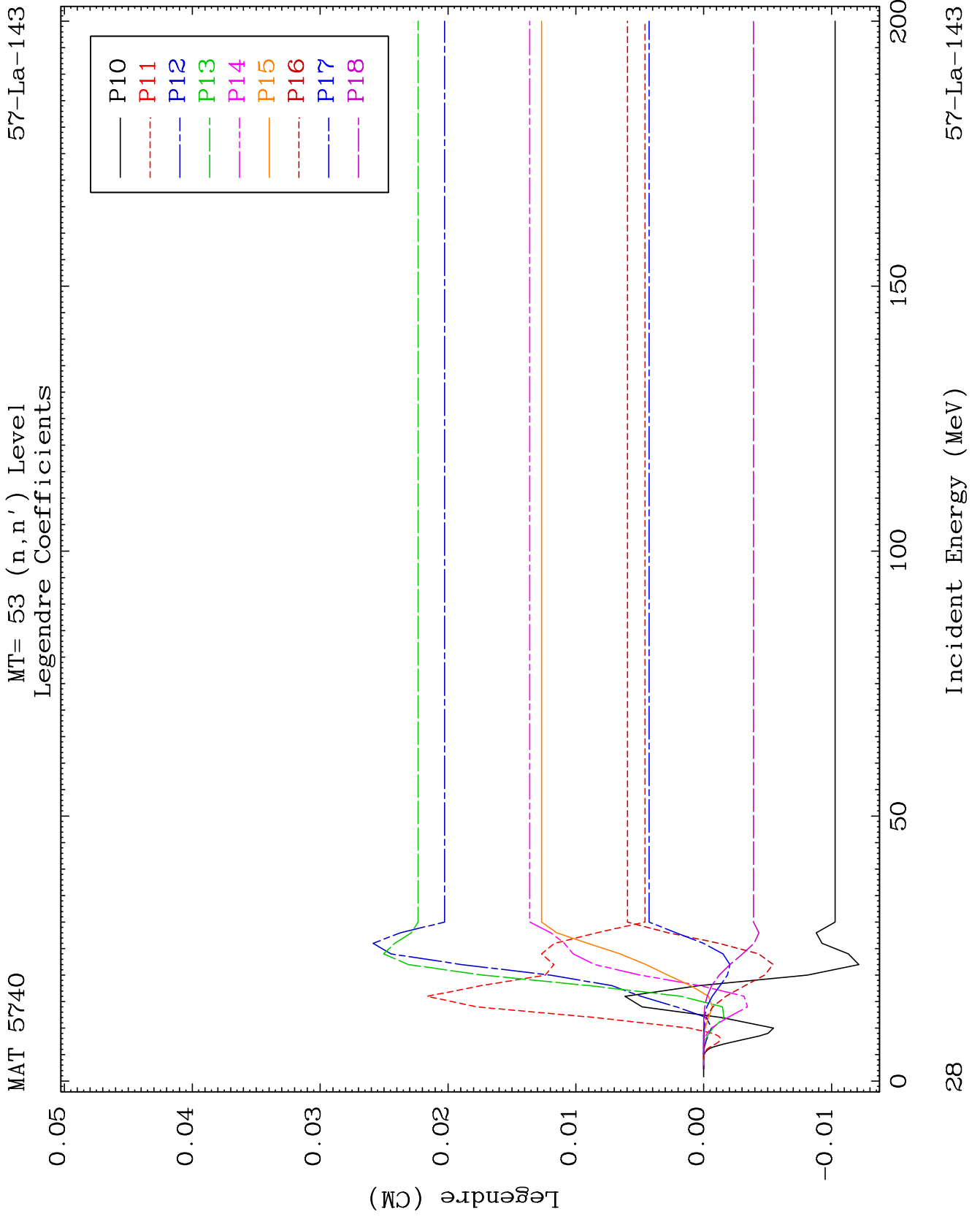
57-La-143



57-La-143

Incident Energy (MeV)

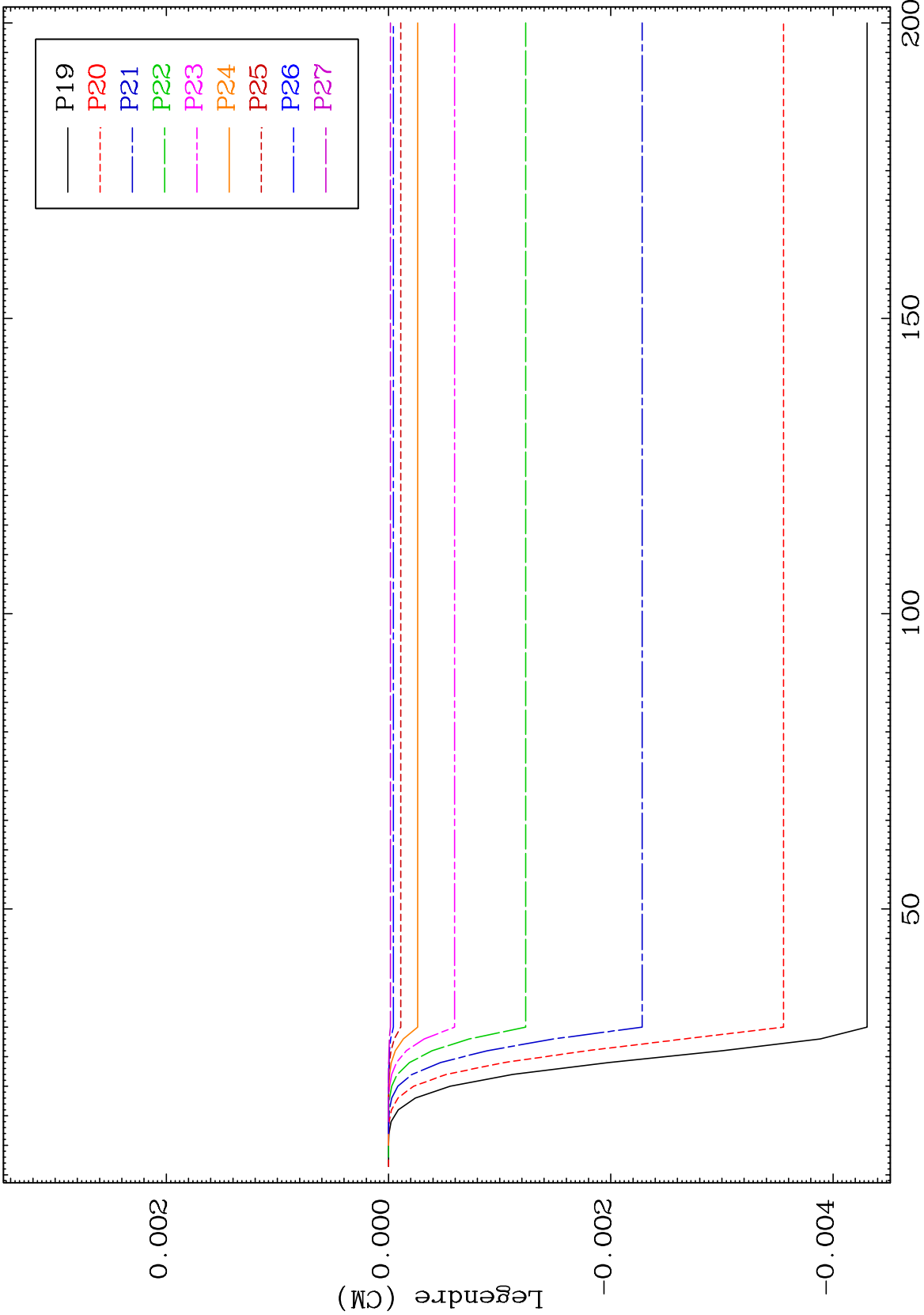
27



MAT 5740

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

57-La-143

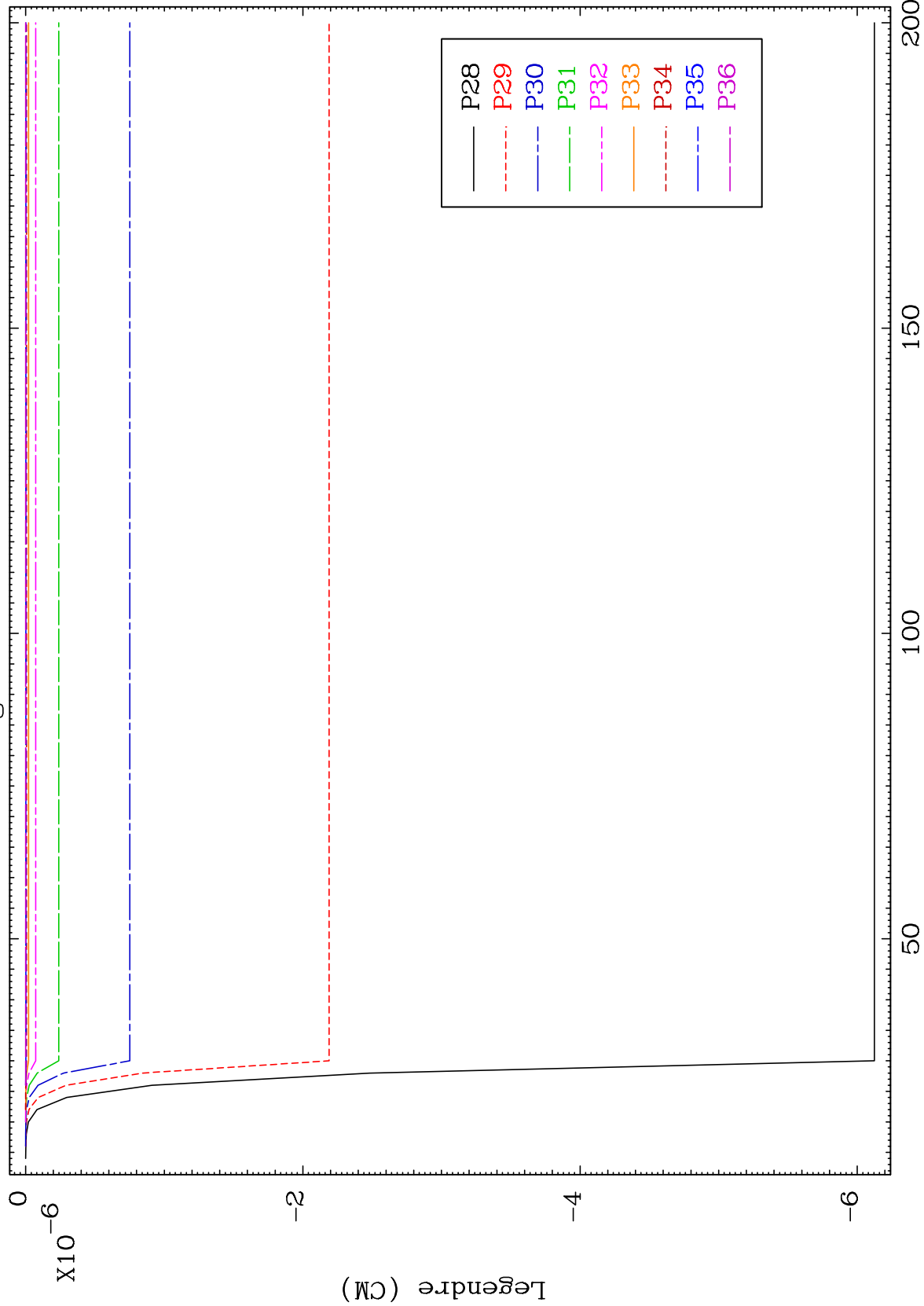


MAT 5740

MT= 53 (n,n') Level

57-La-143

Legendre Coefficients



57-La-143

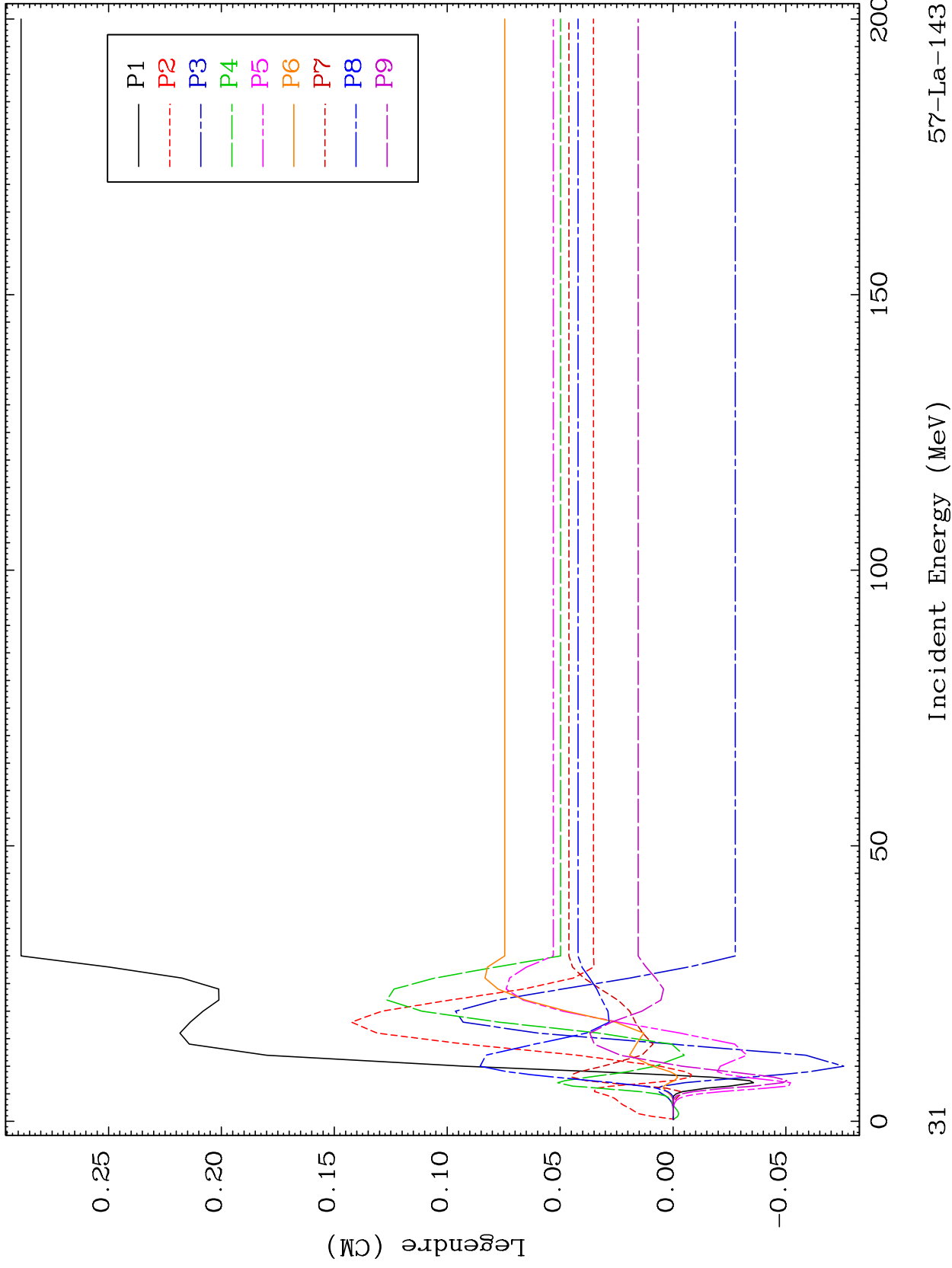
Incident Energy (MeV)

30

MAT 5740

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

57-La-143



31

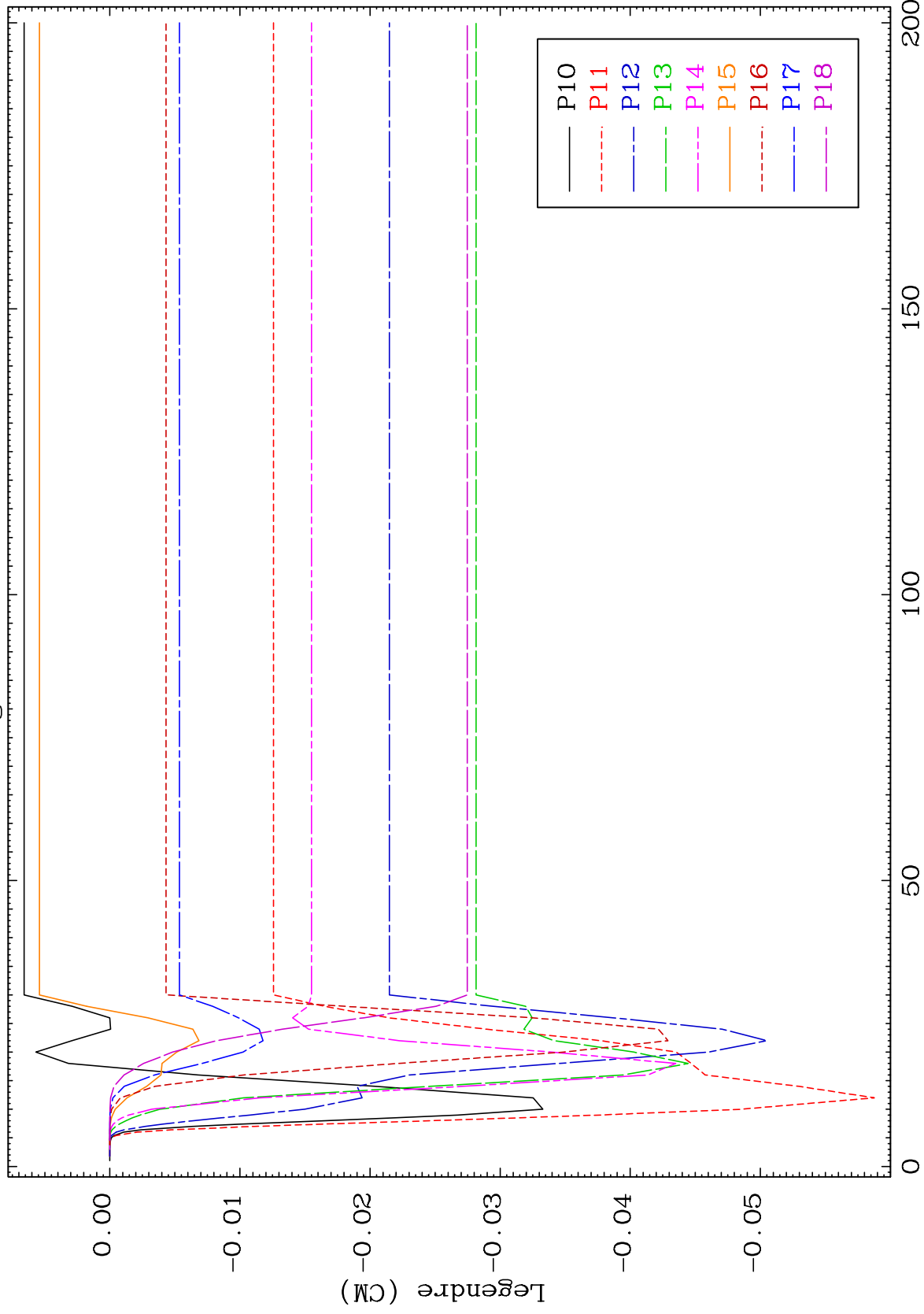
Incident Energy (MeV)

57-La-143

MAT 5740

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

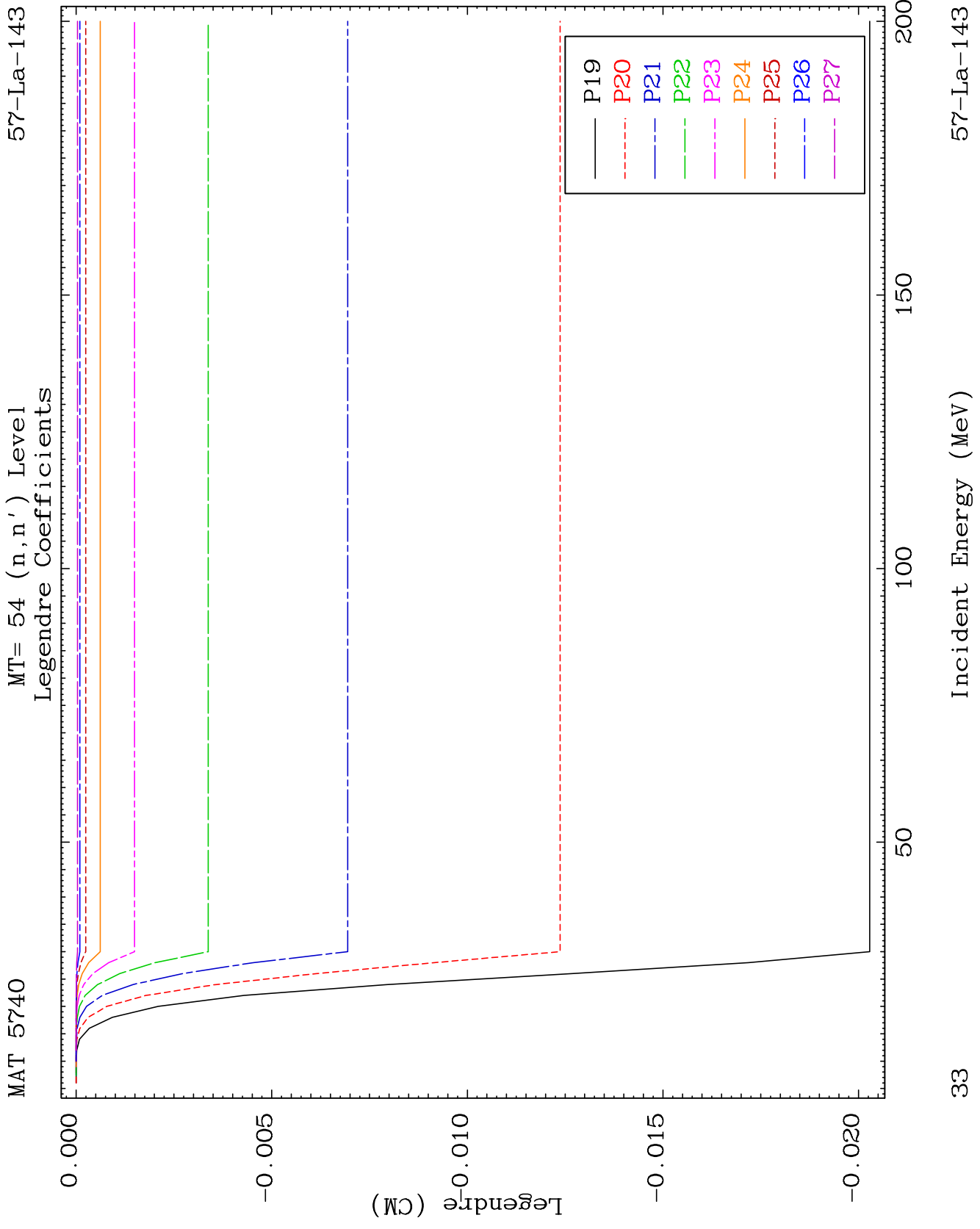
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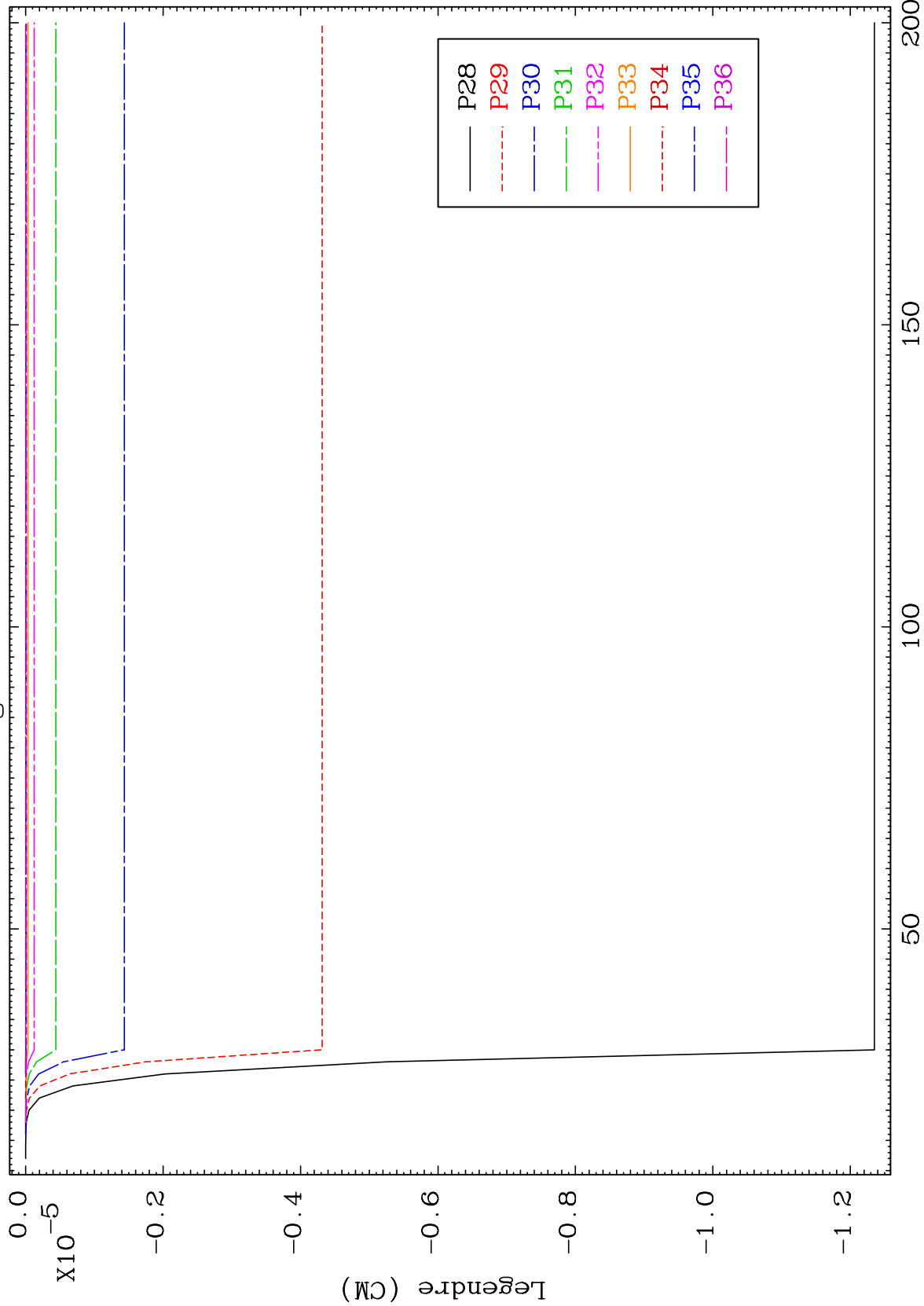


57-La-143

Incident Energy (MeV)

32

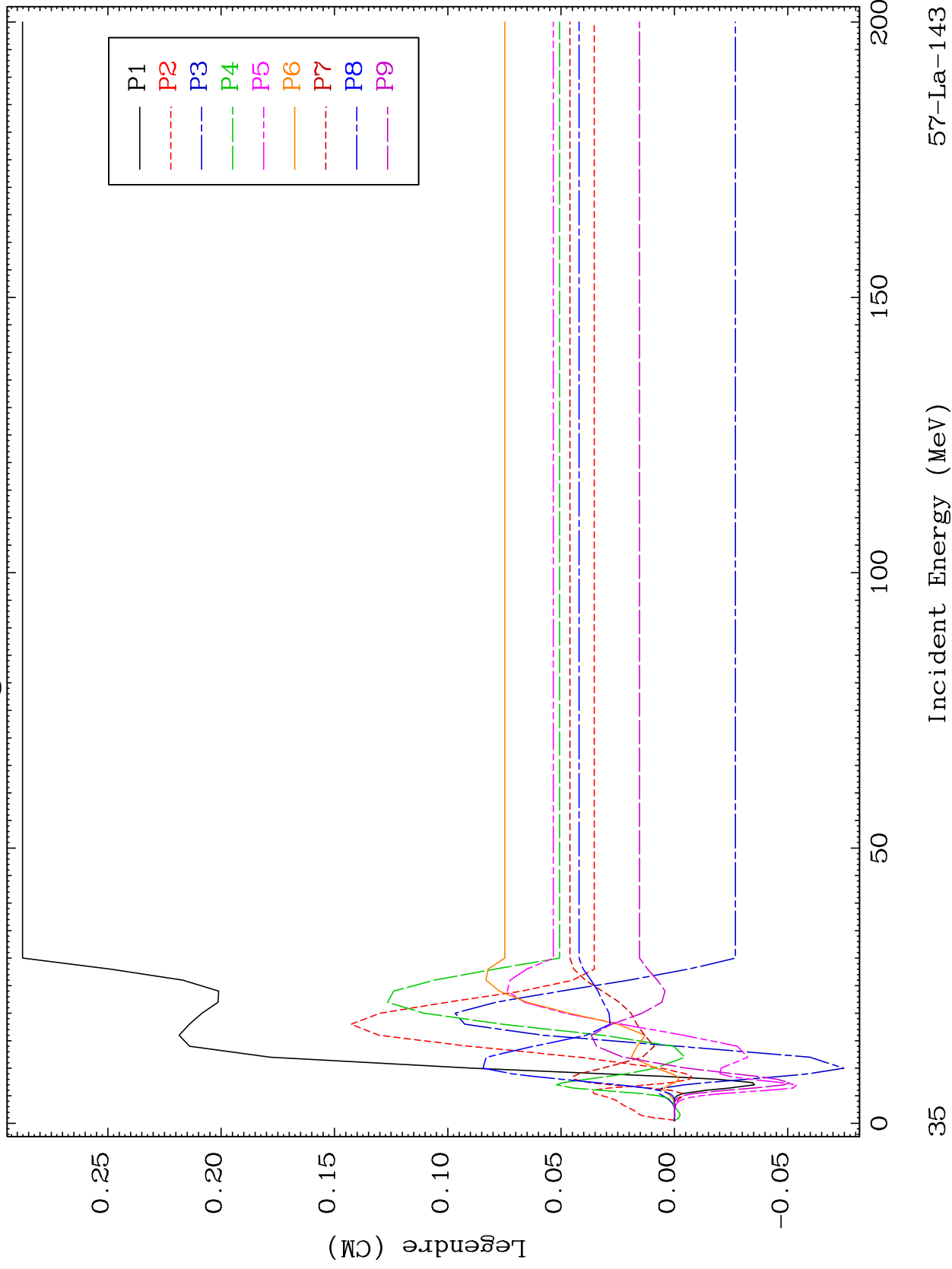




MAT 5740

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

57-La-143



57-La-143

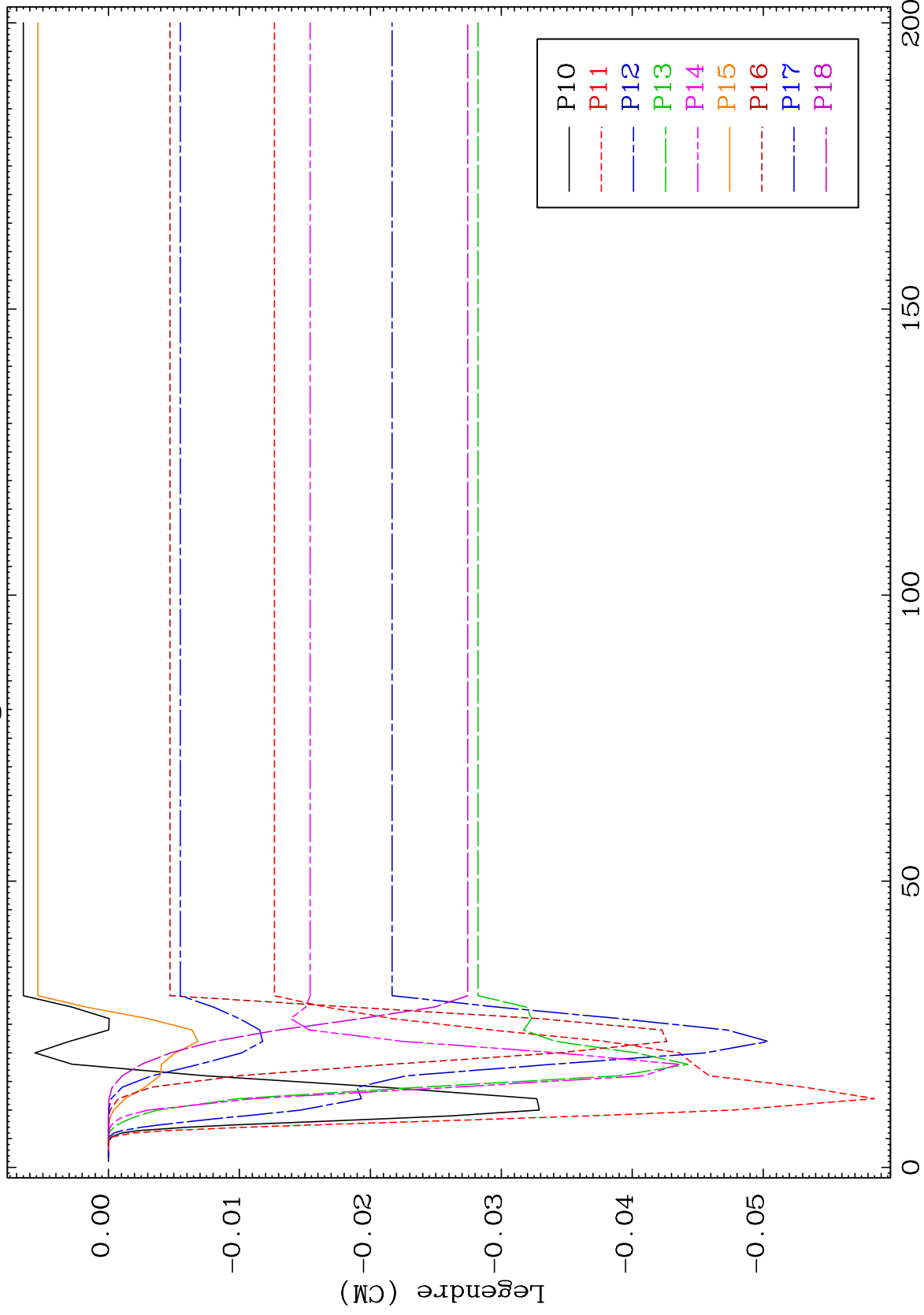
Incident Energy (MeV)

35

MAT 5740

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

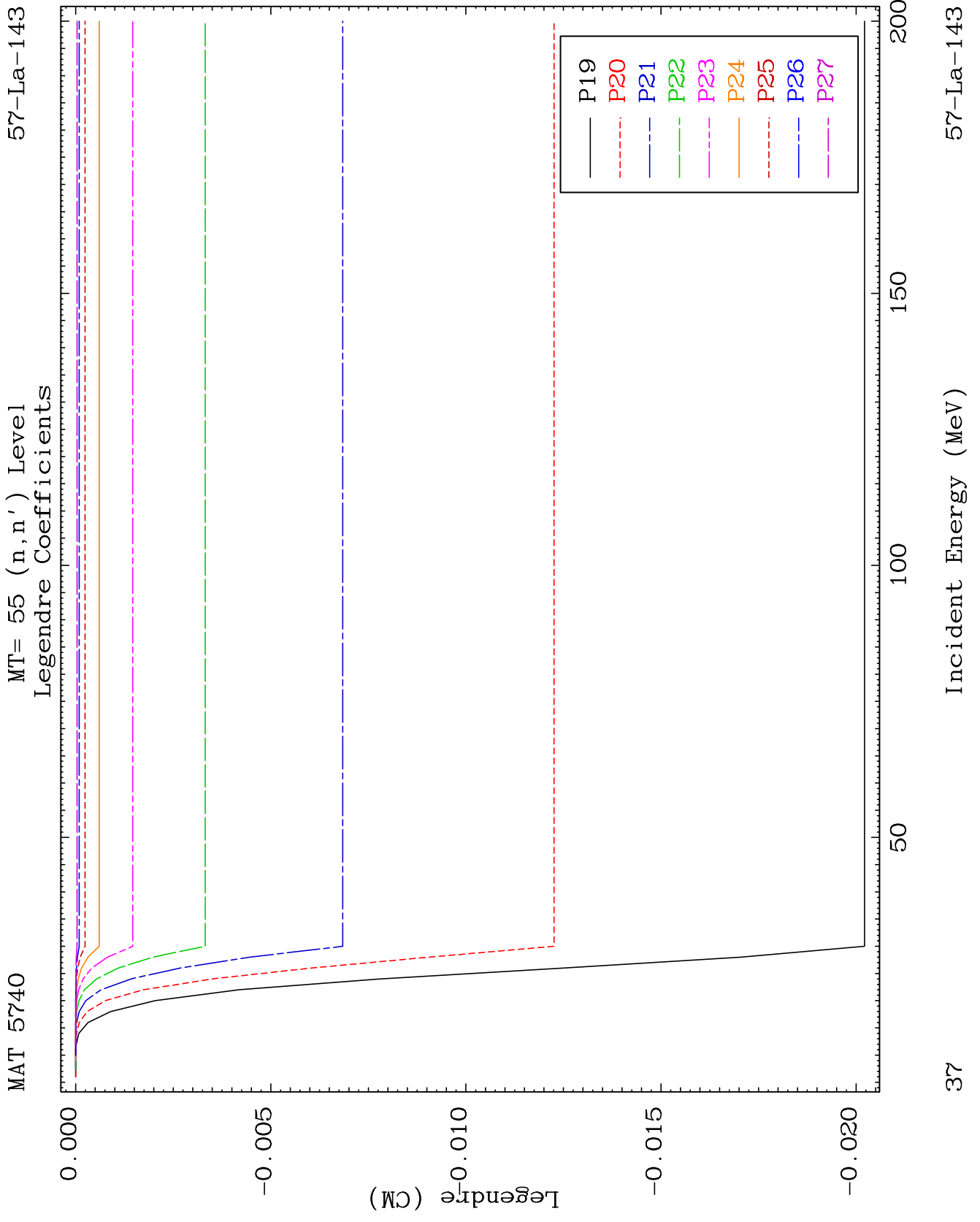
57-La-143

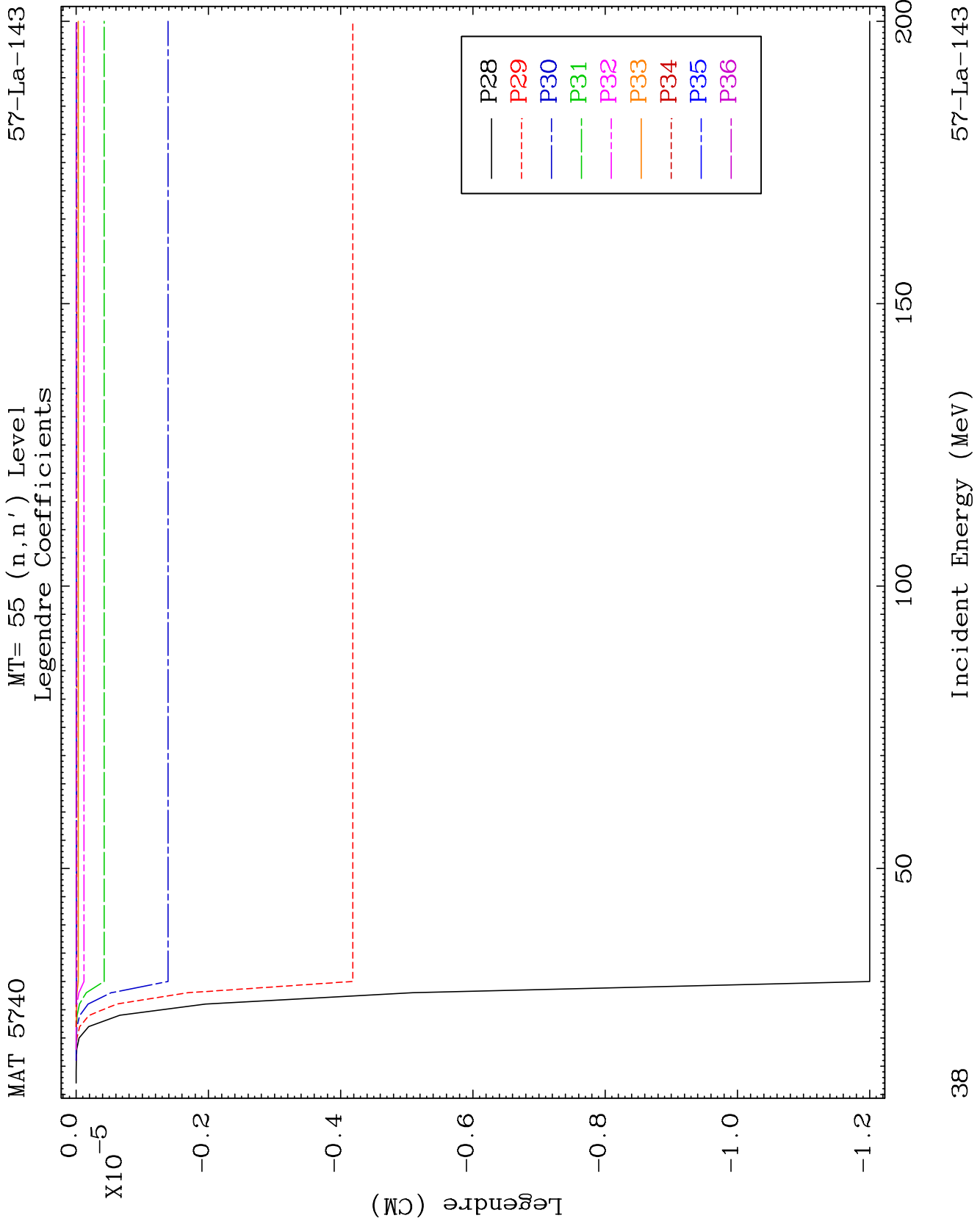


36

Incident Energy (MeV)

57-La-143

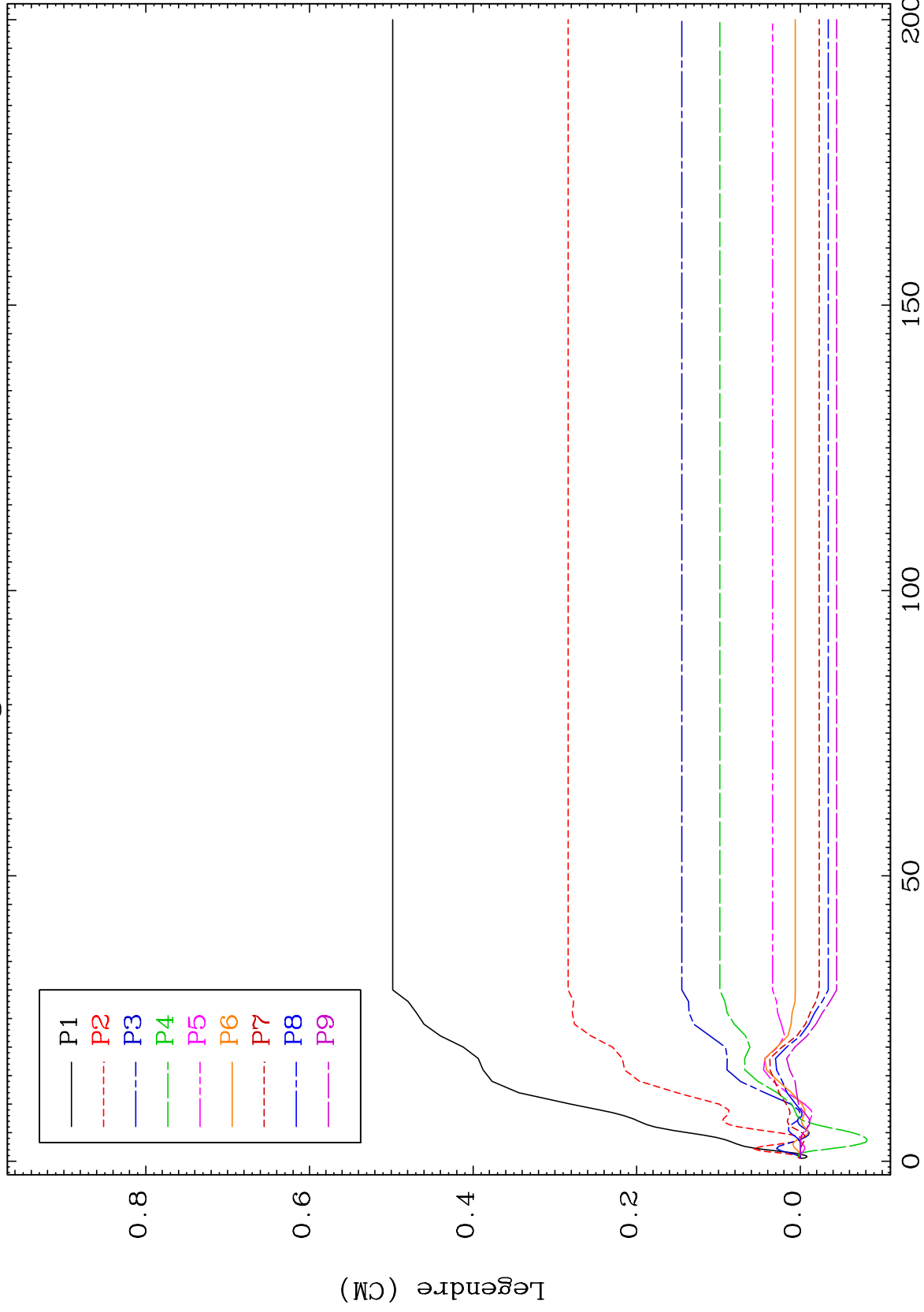




MAT 5740

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

57-La-143



39

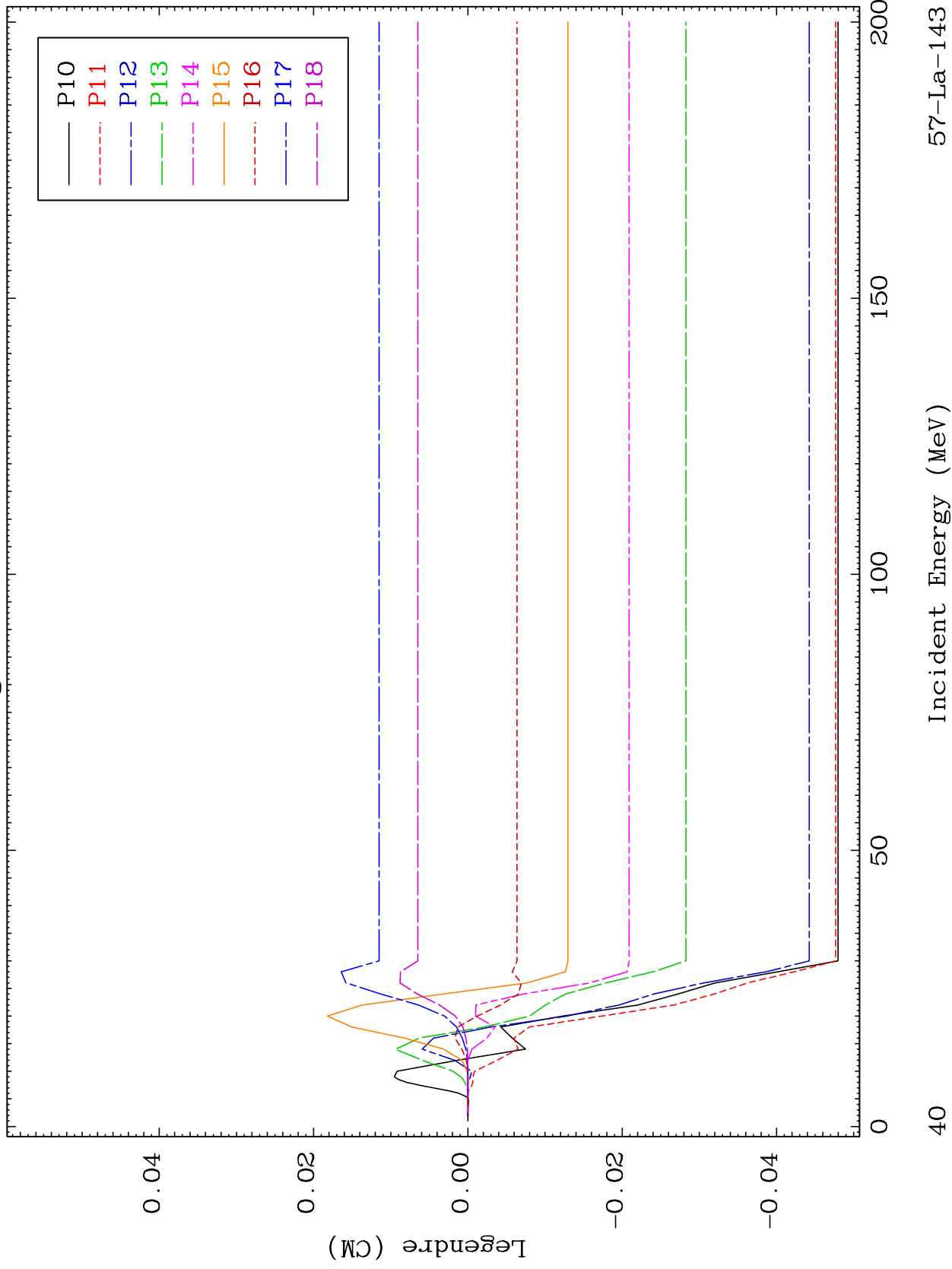
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



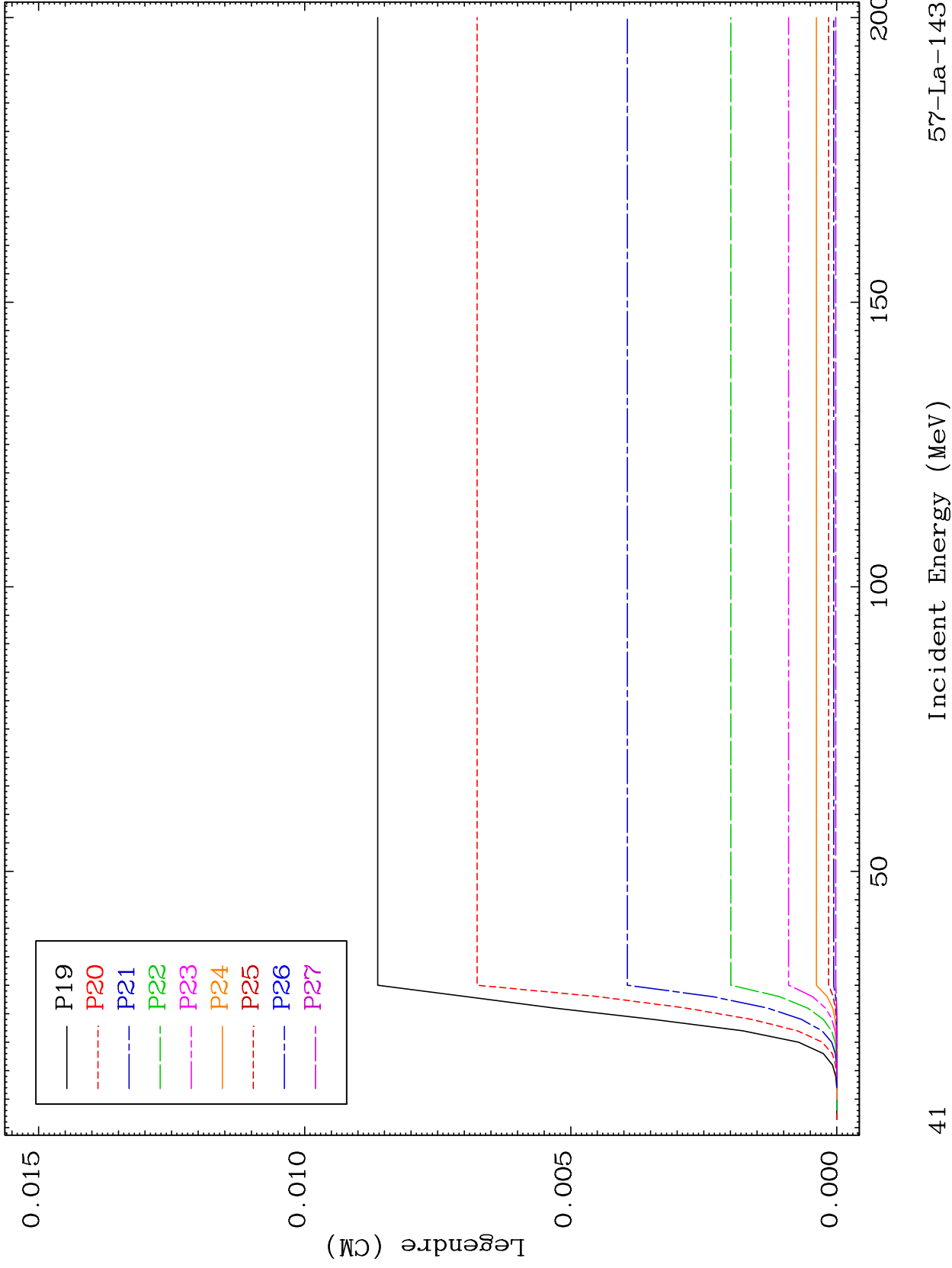
57-La-143

Incident Energy (MeV)

MAT 5740

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

57-La-143



41

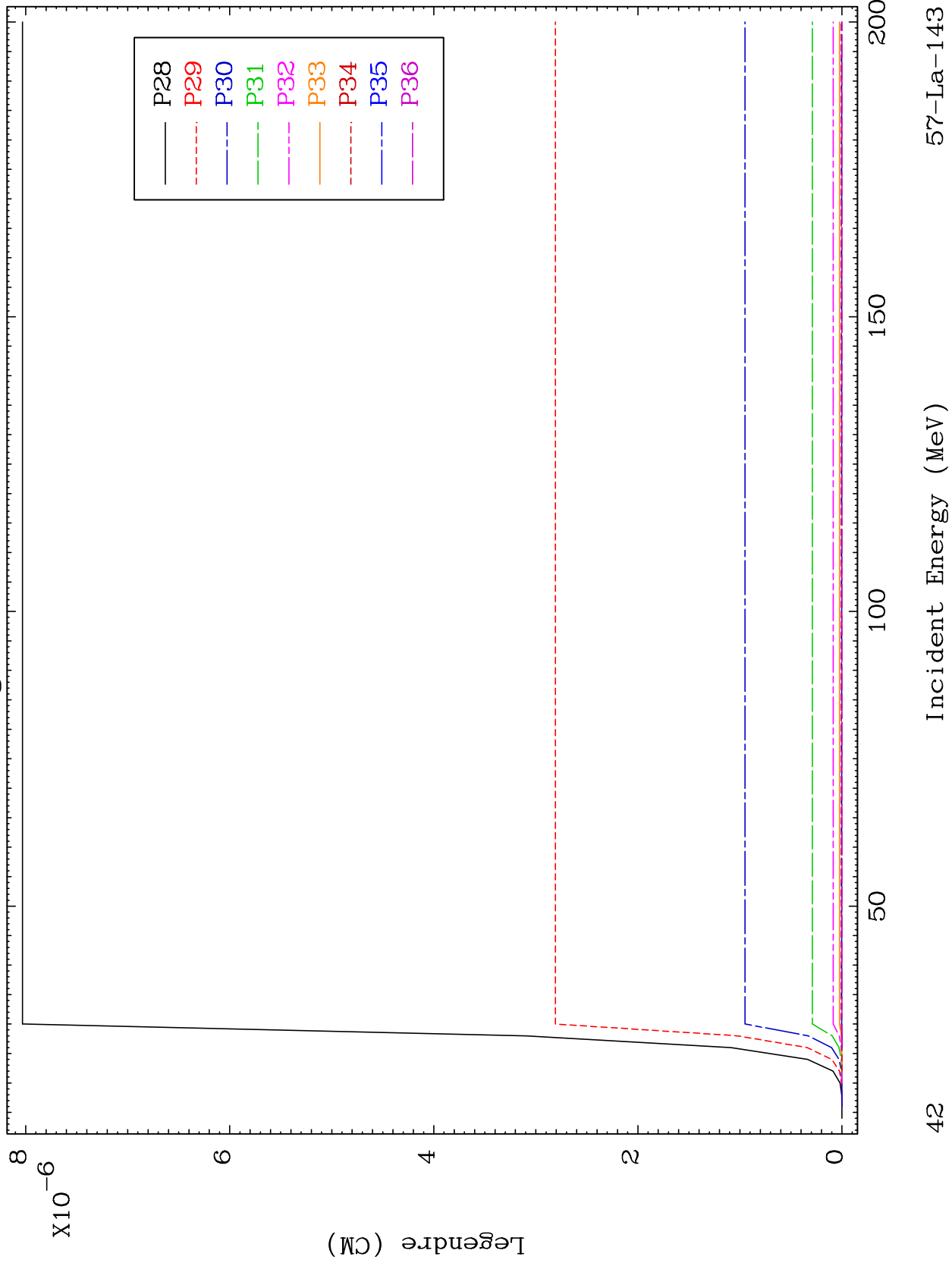
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



42

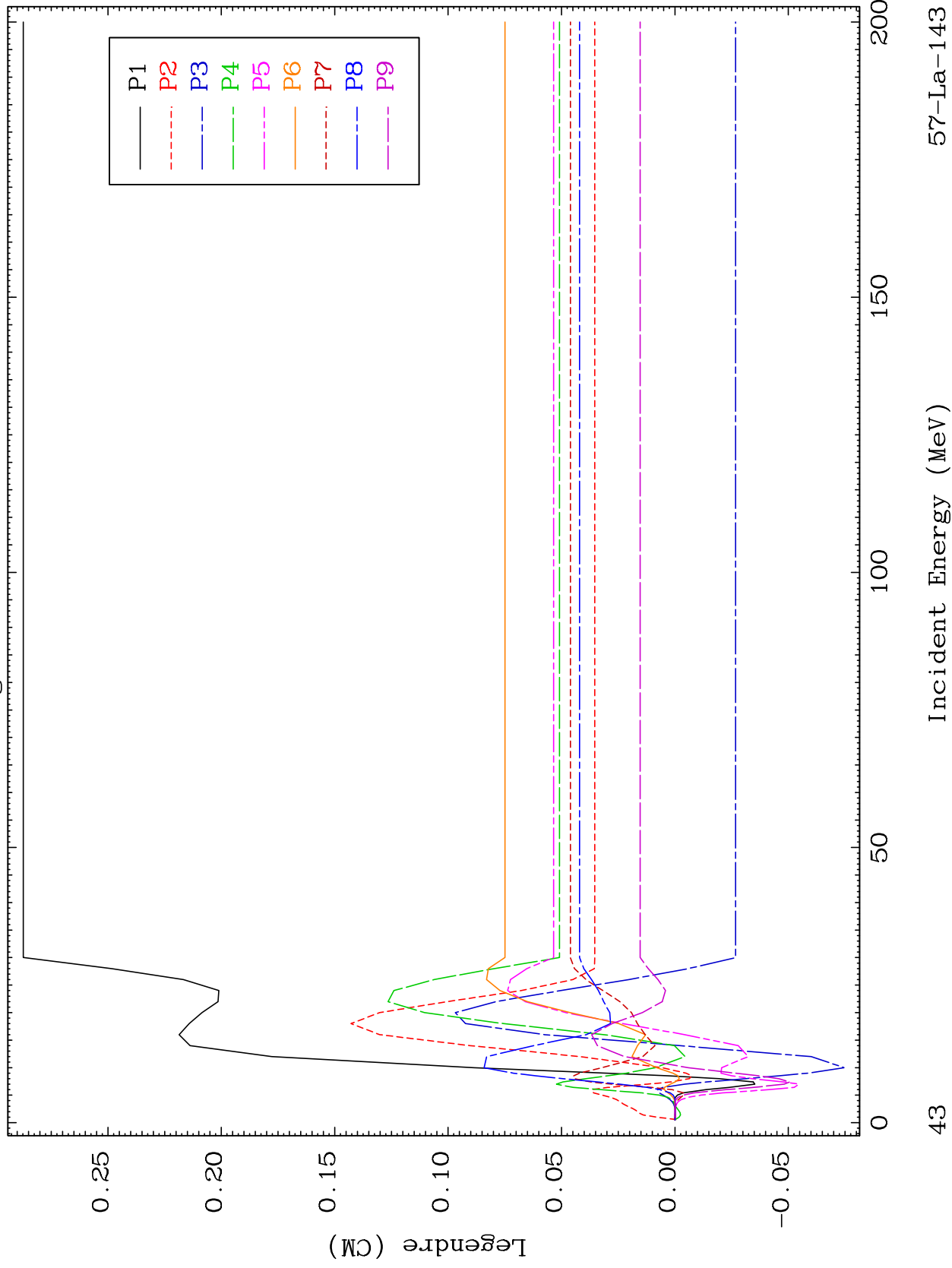
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

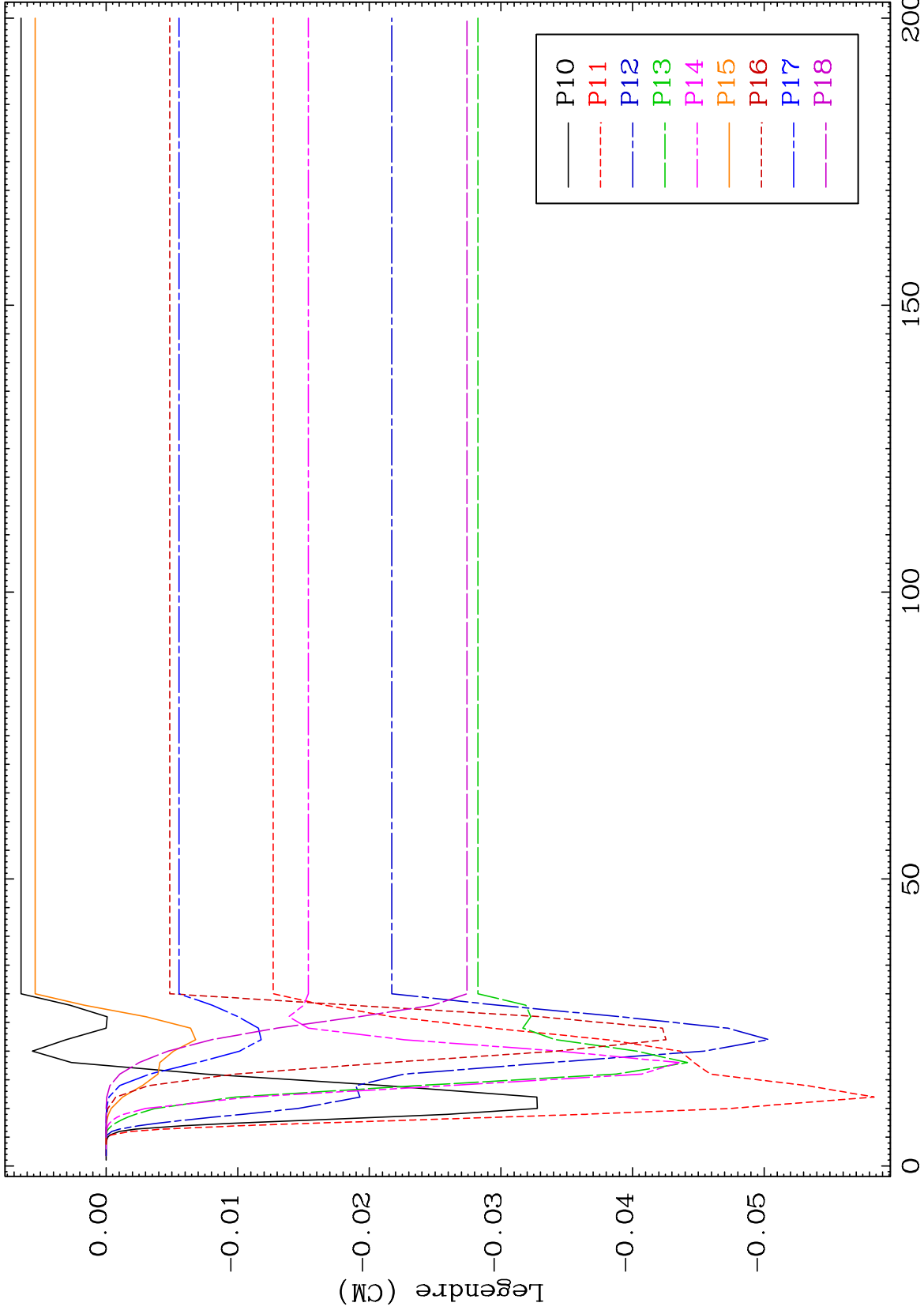
Incident Energy (MeV)

43

MAT 5740

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

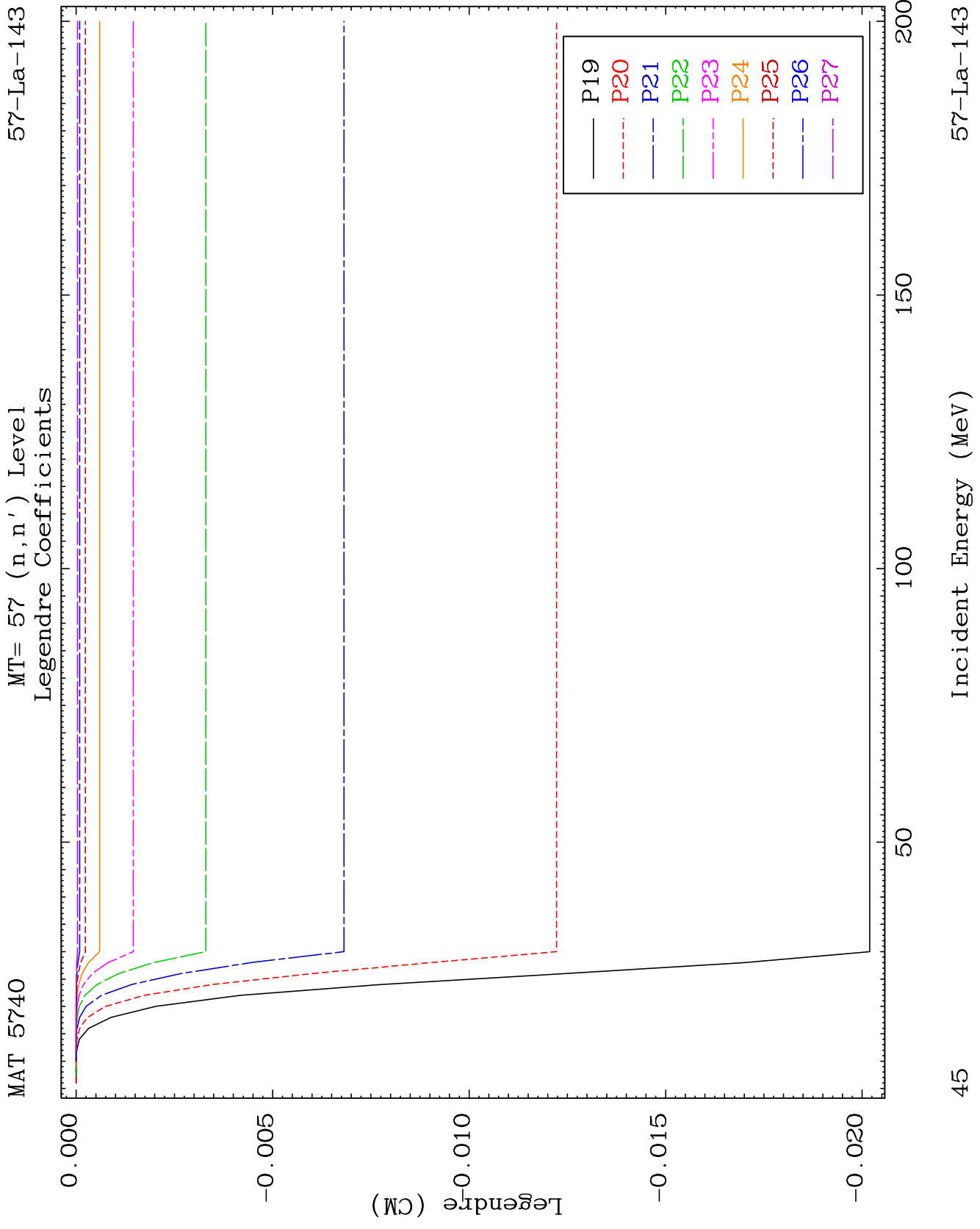
57-La-143



44

Incident Energy (MeV)

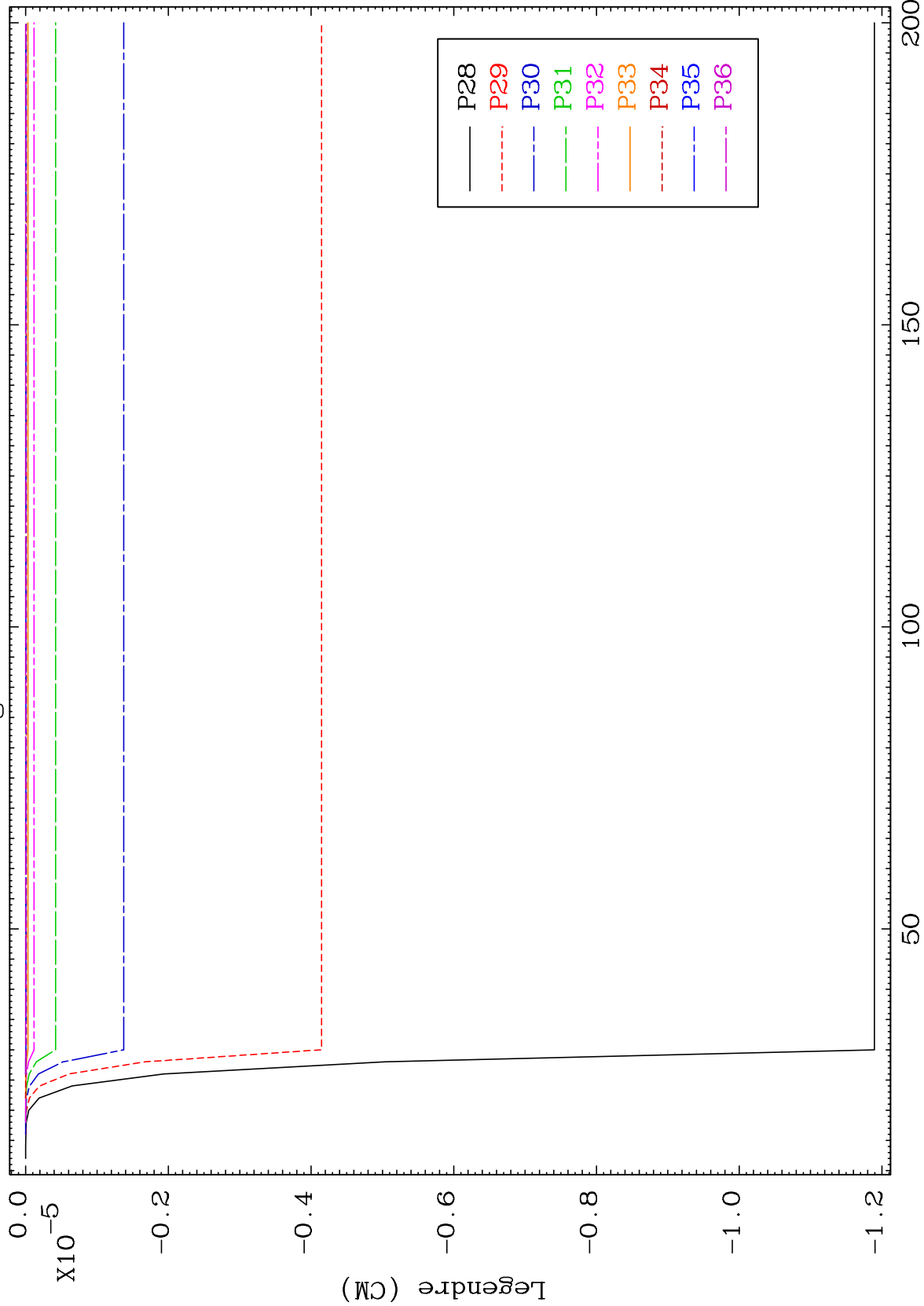
57-La-143



MAT 5740

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

57-La-143



57-La-143

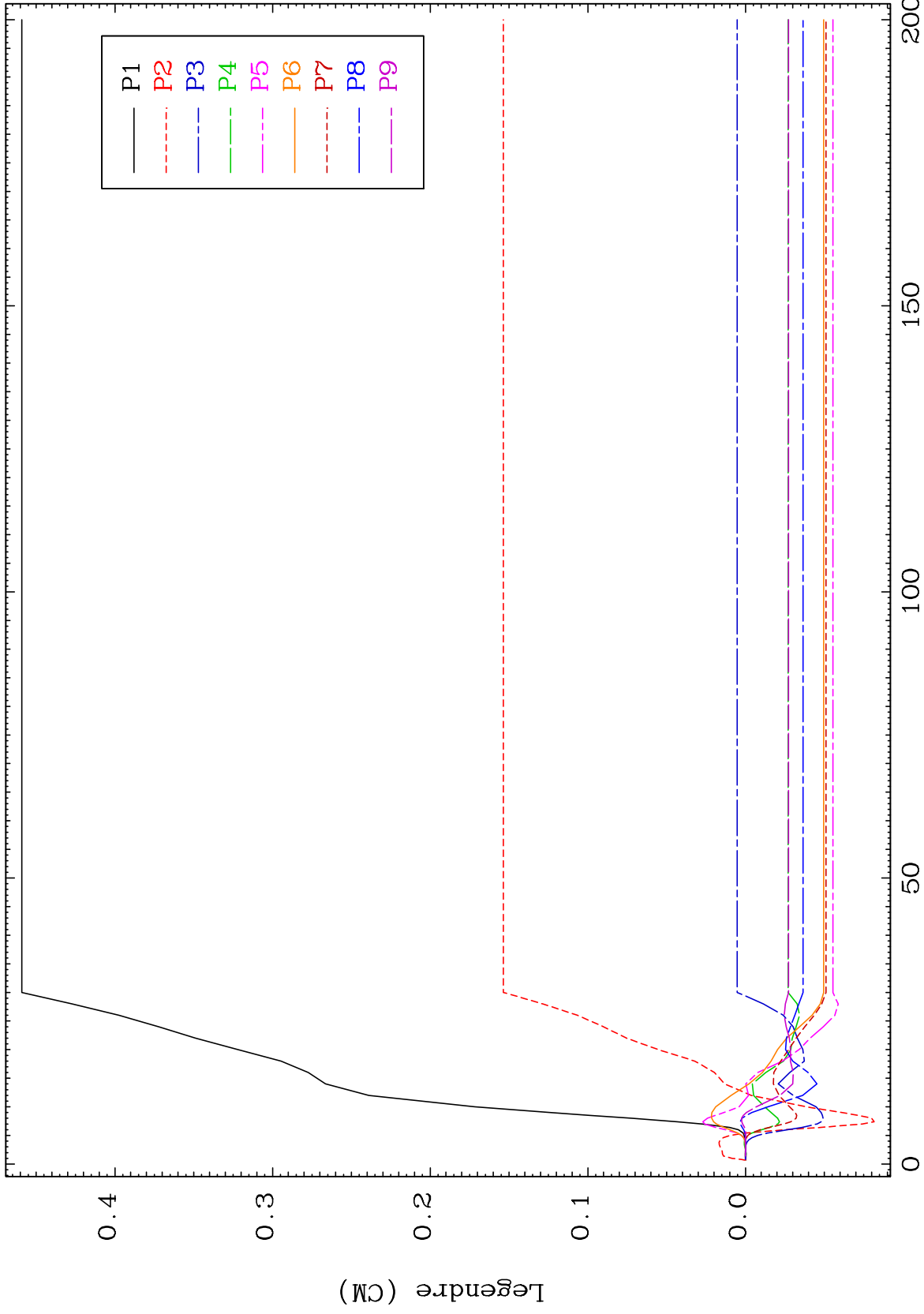
Incident Energy (MeV)

46

MAT 5740

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

57-La-143



47

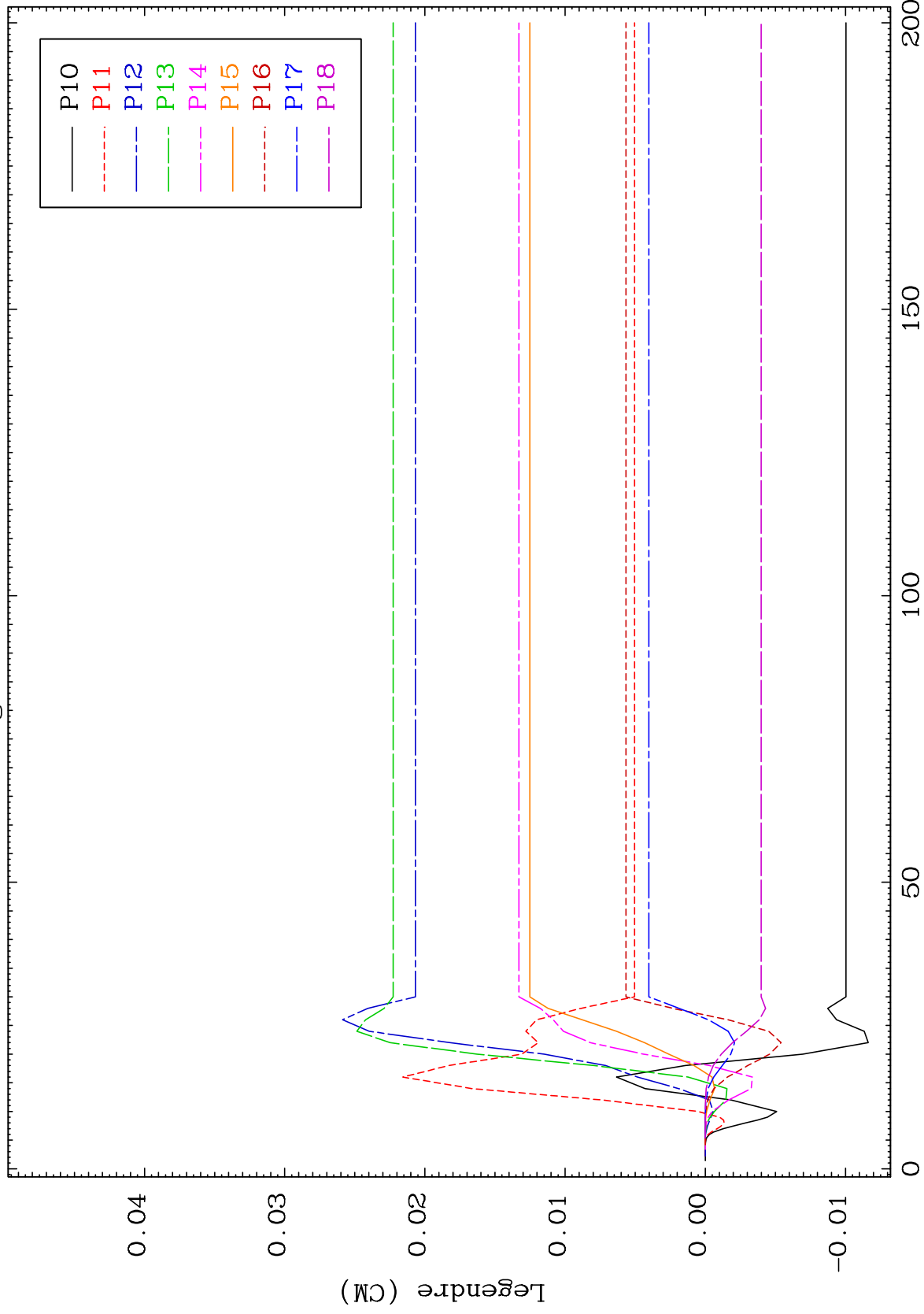
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



48

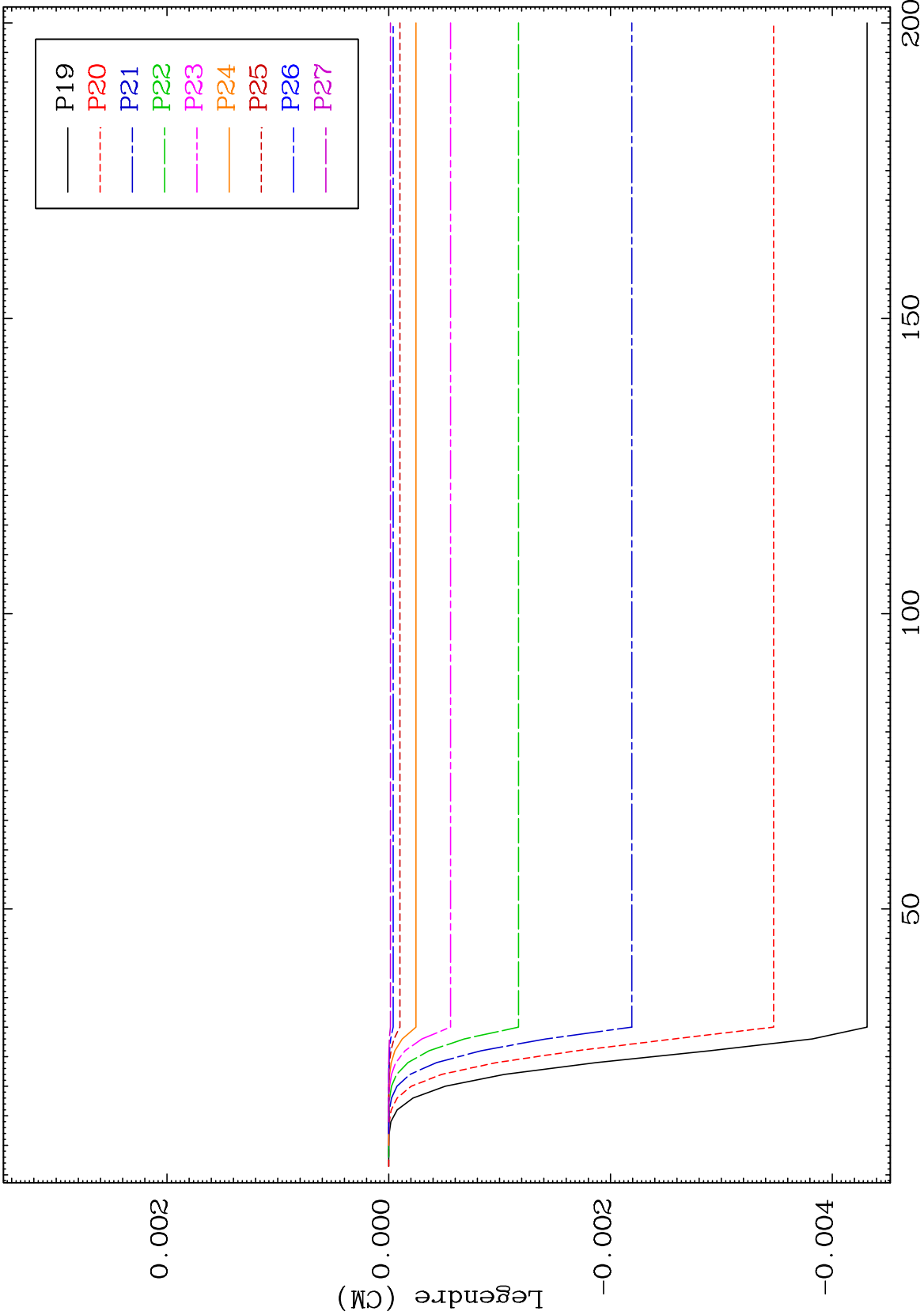
Incident Energy (MeV)

57-La-143

MAT 5740

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

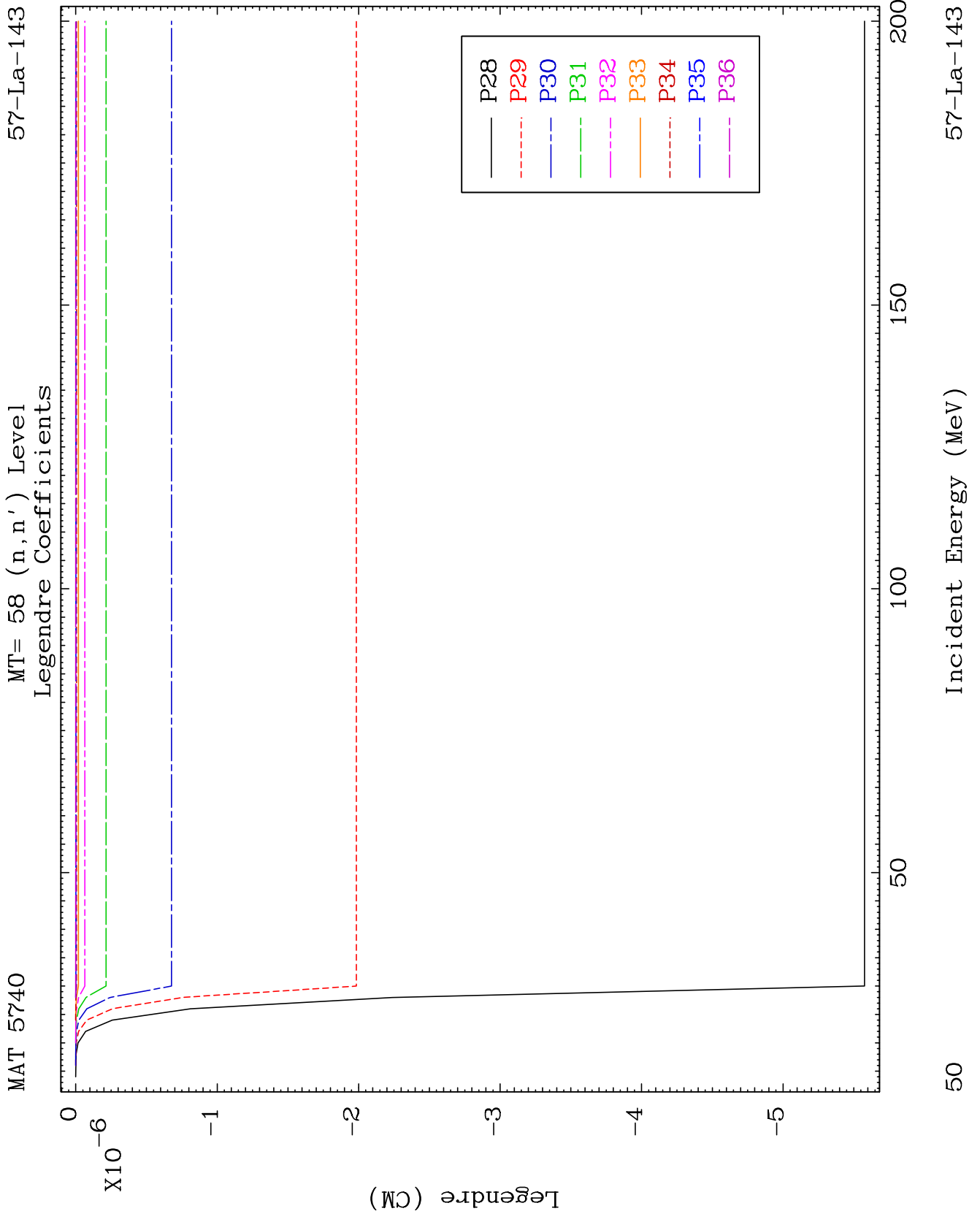
57-La-143



49

Incident Energy (MeV)

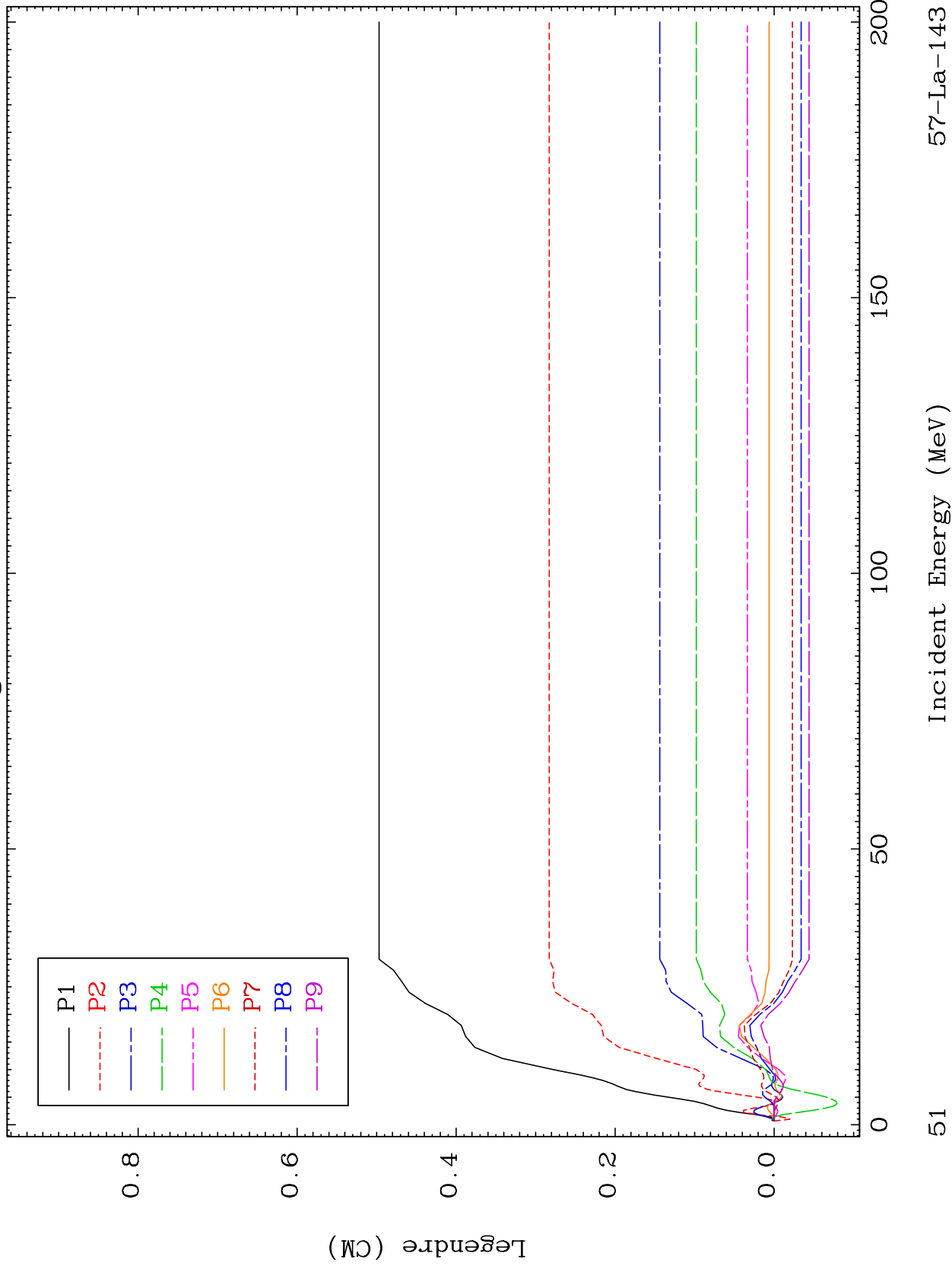
57-La-143



MAT 5740

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

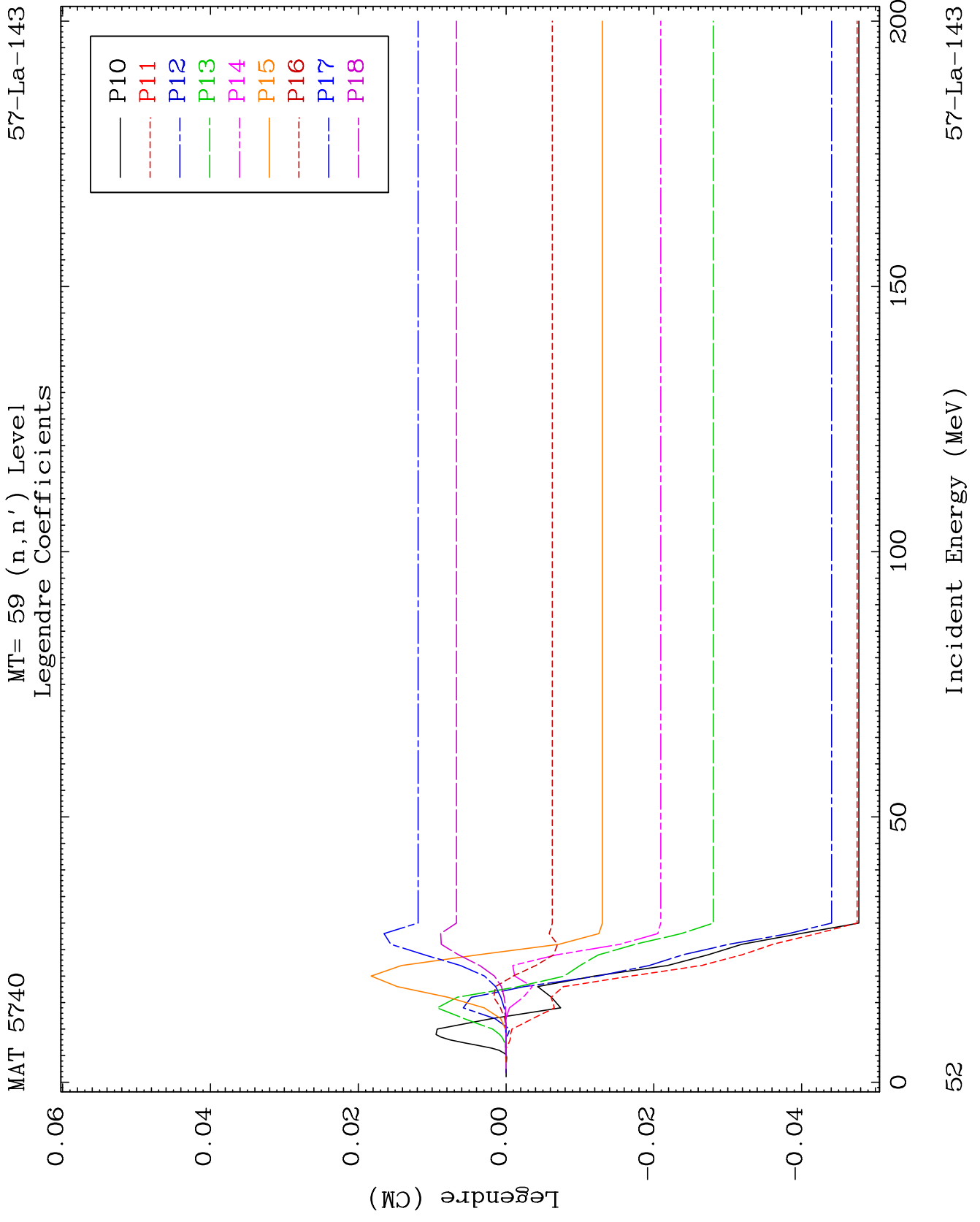
57-La-143



57-La-143

Incident Energy (MeV)

51



57-La-143

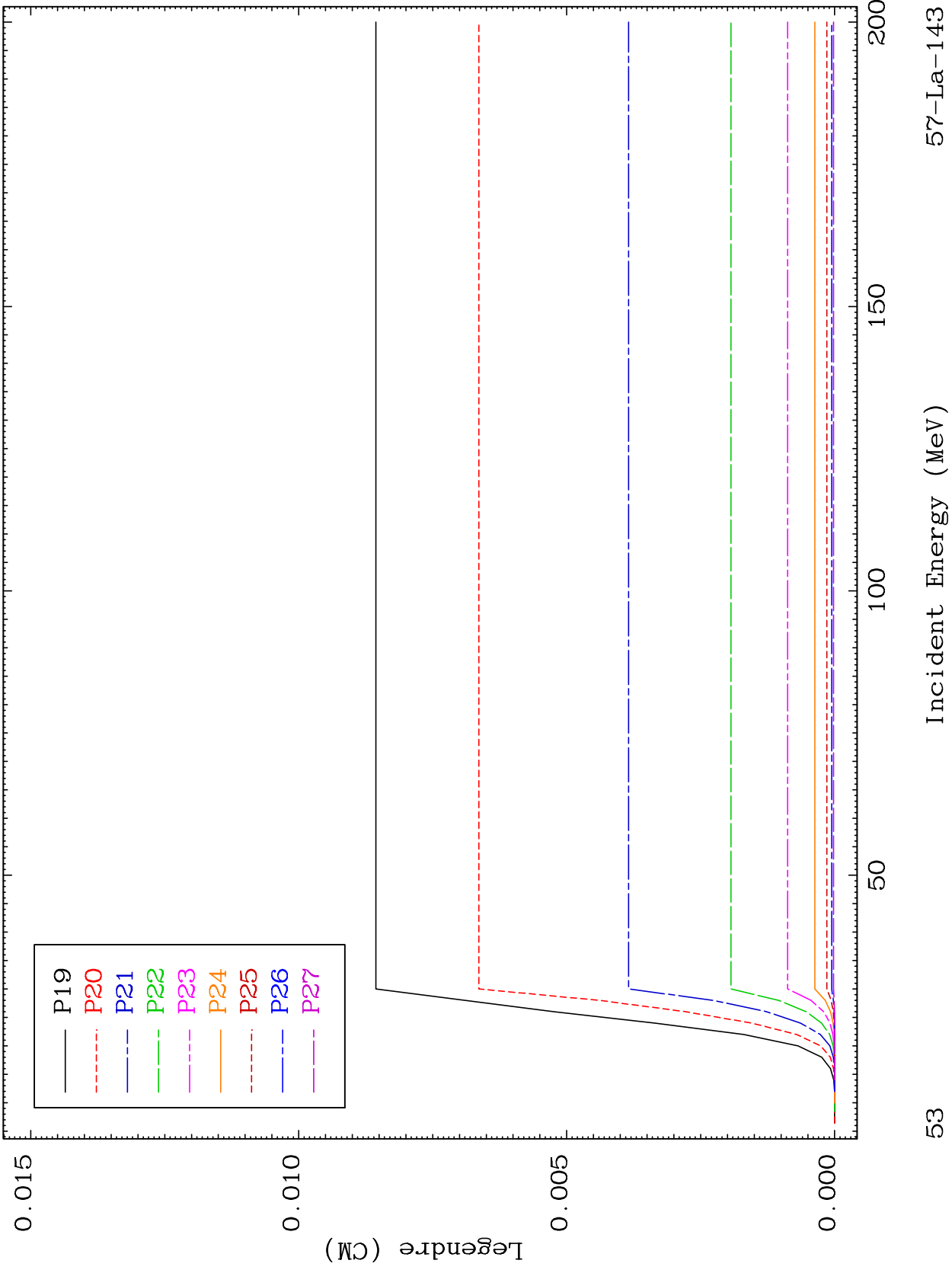
Incident Energy (MeV)

52

MAT 5740

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

57-La-143



53

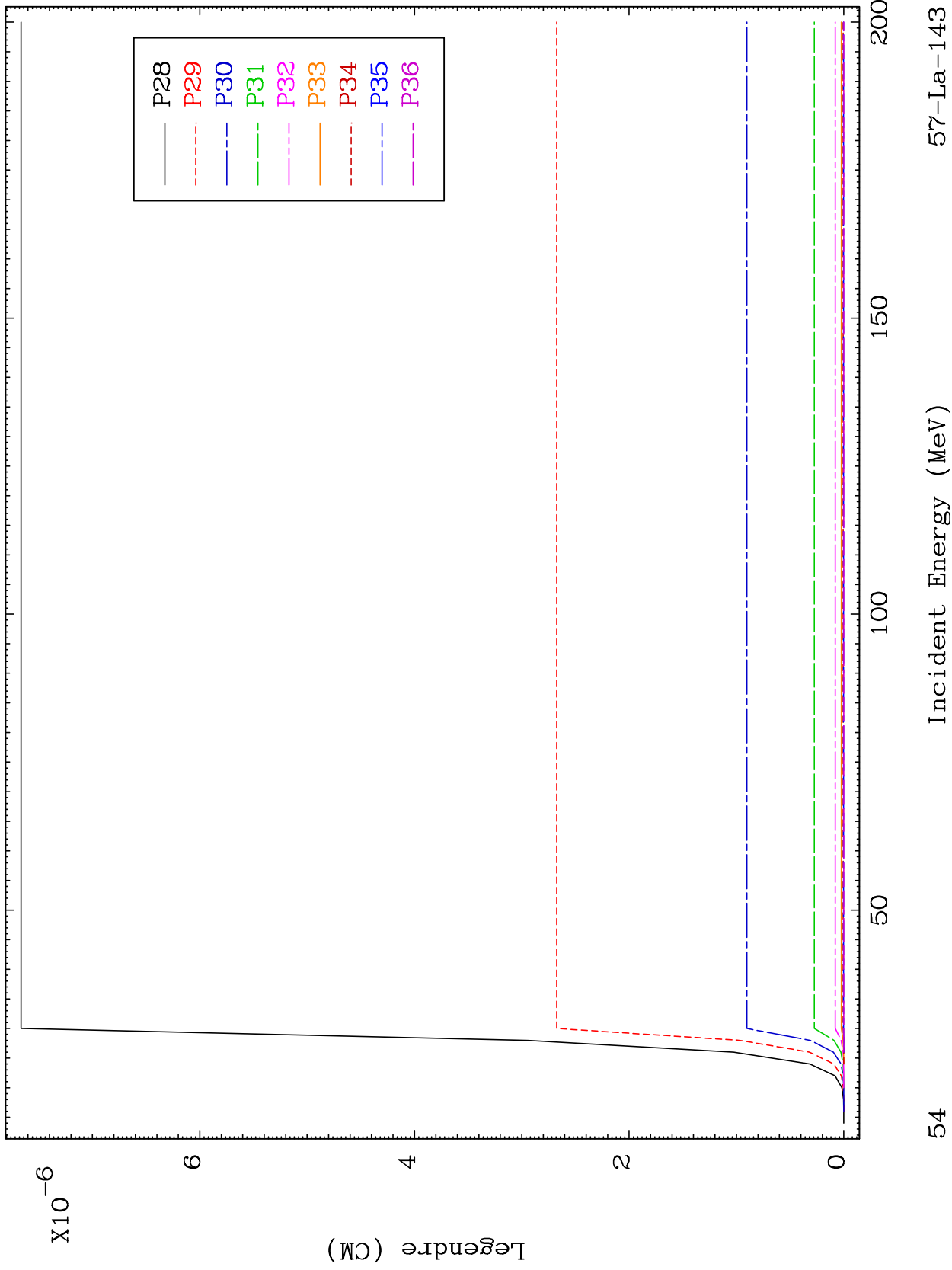
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



54

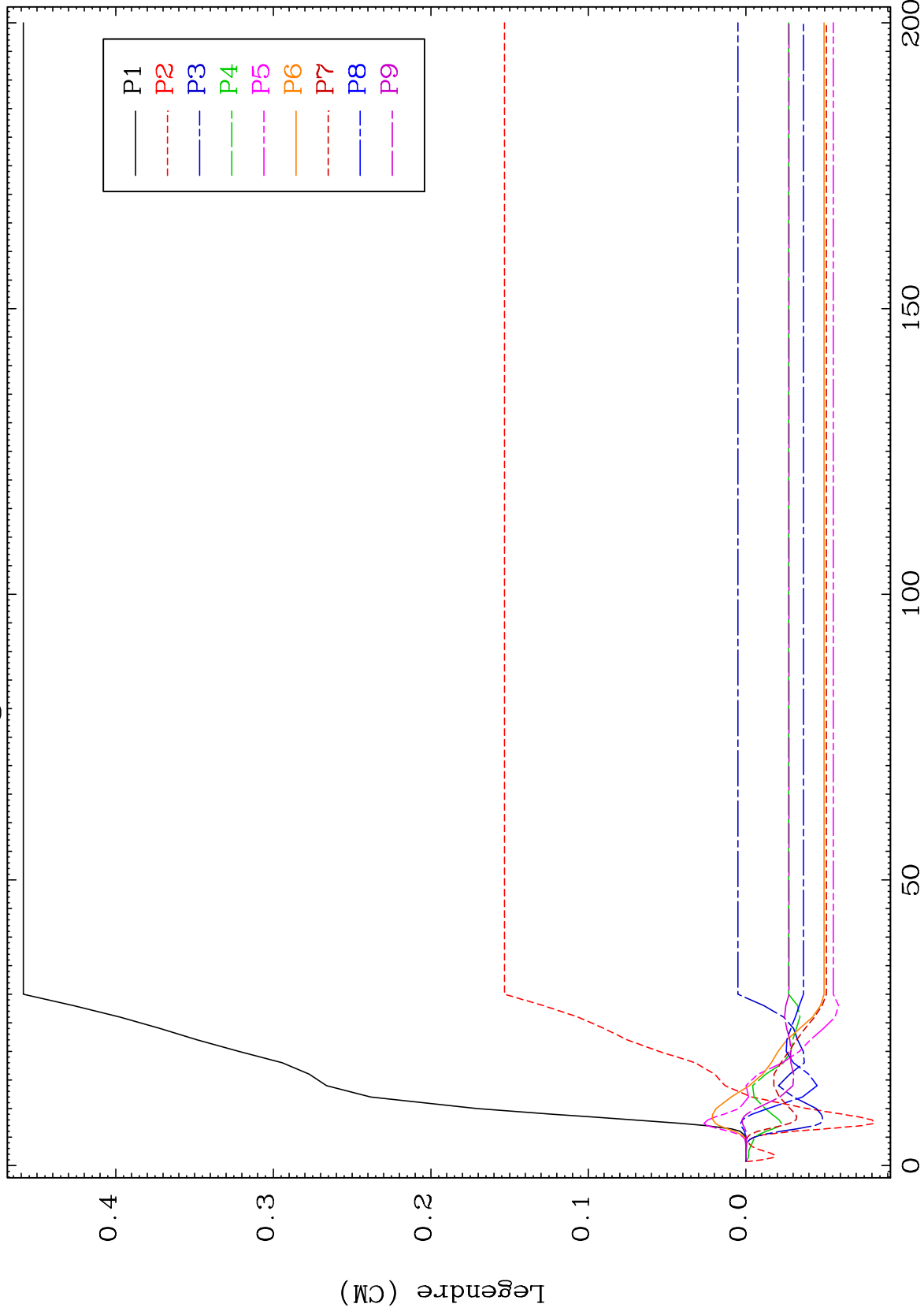
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

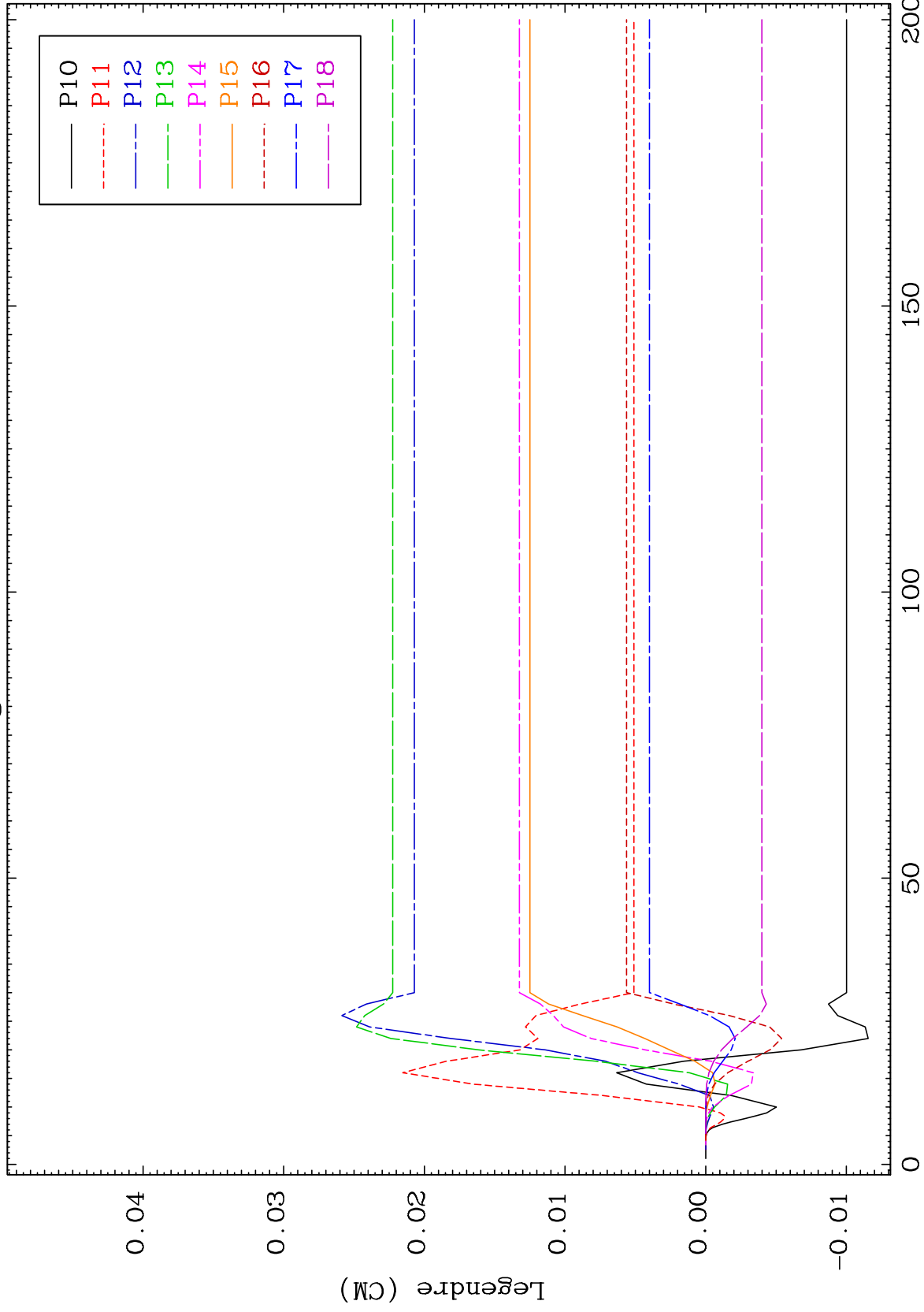
Incident Energy (MeV)

55

MAT 5740

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

57-La-143



56

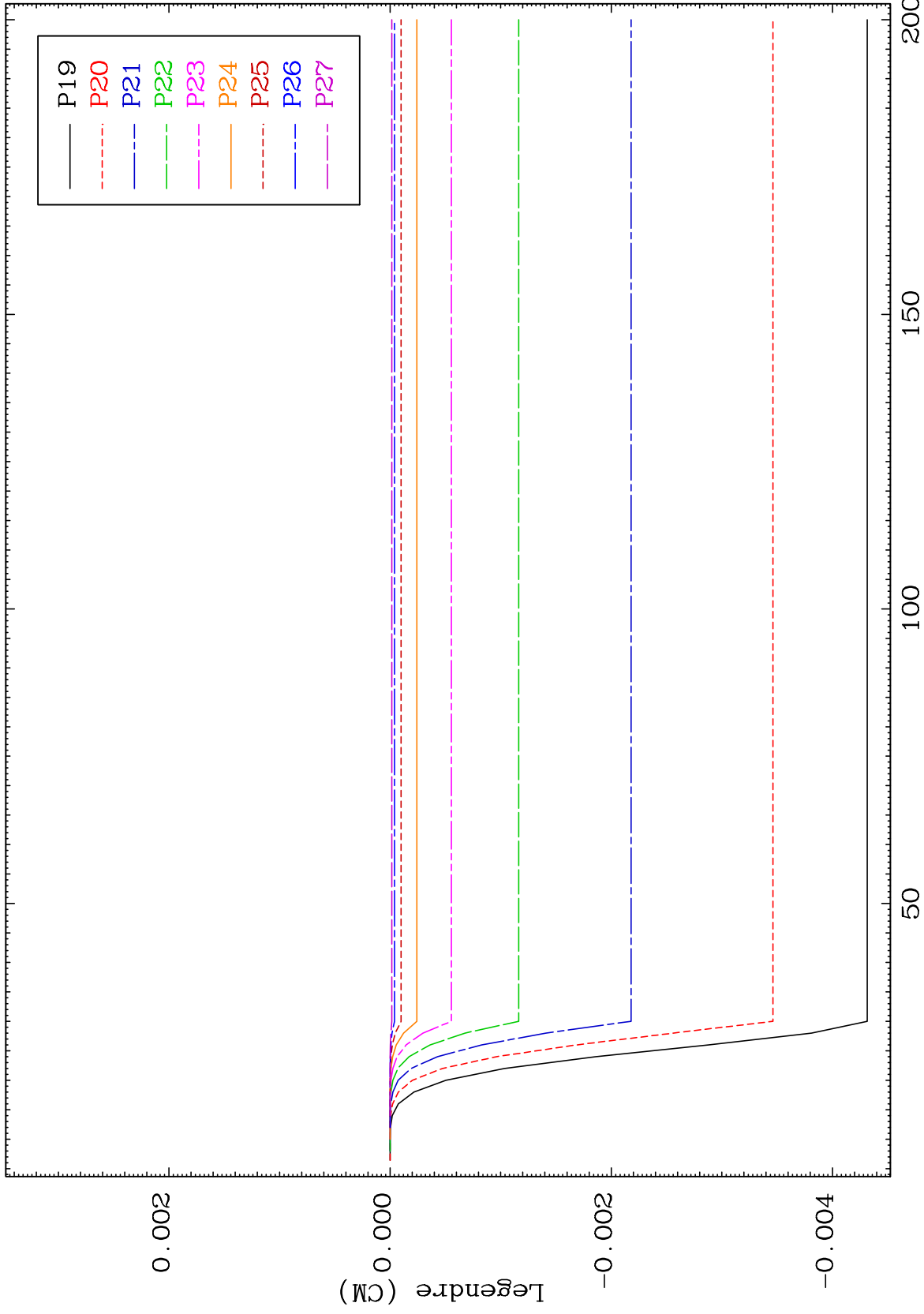
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57

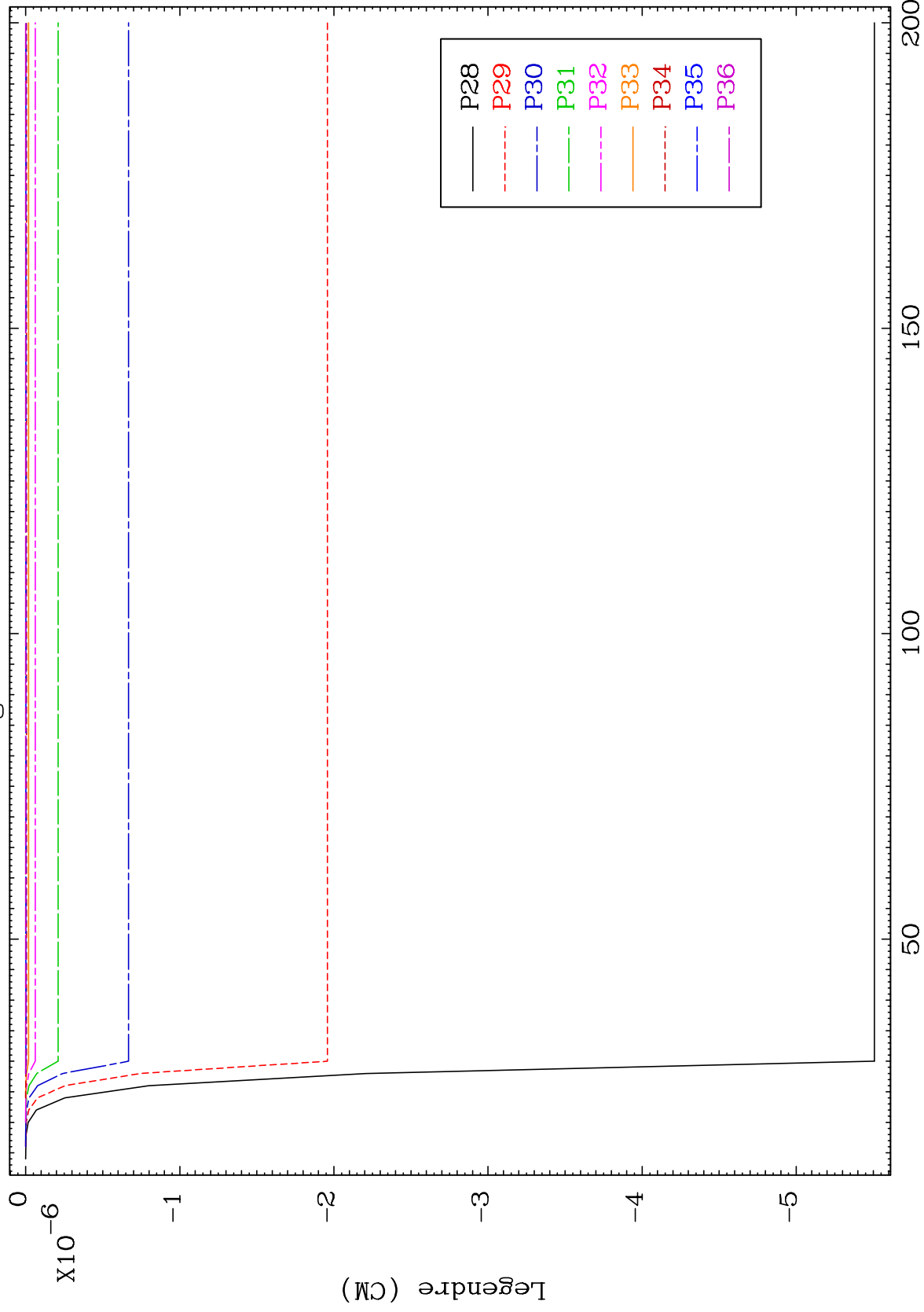
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



58

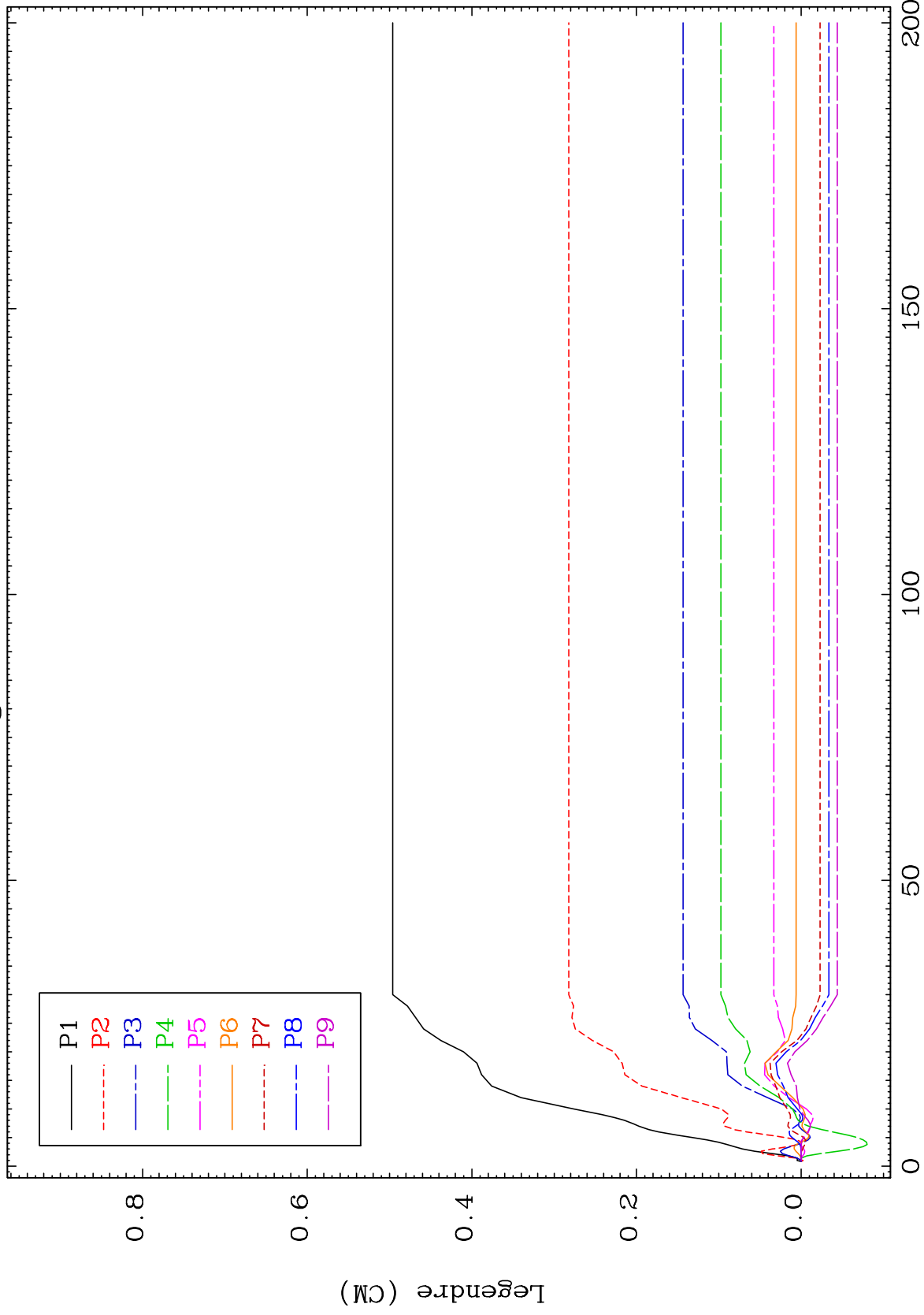
Incident Energy (MeV)

57-La-143

MAT 5740

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

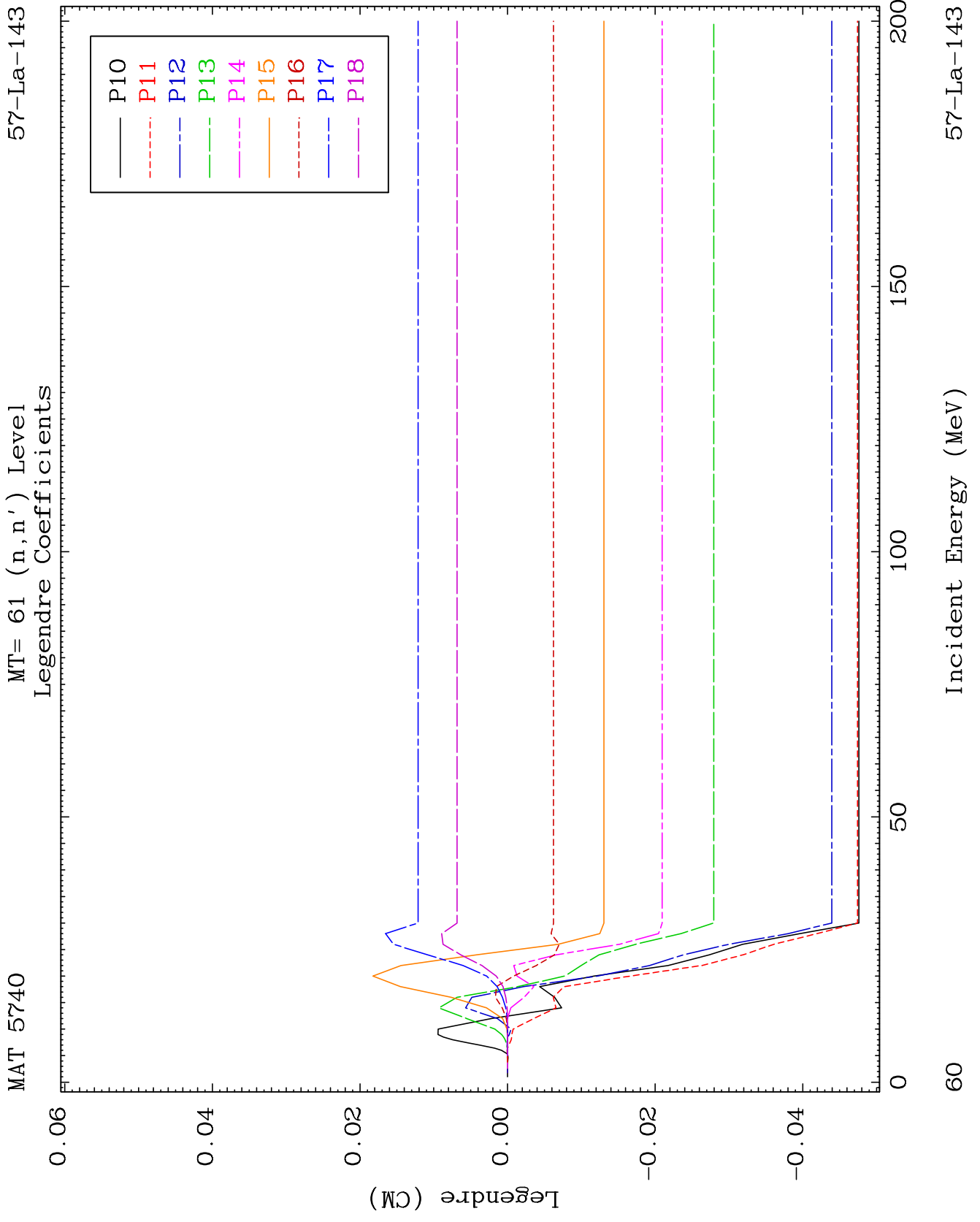
57-La-143



59

Incident Energy (MeV)

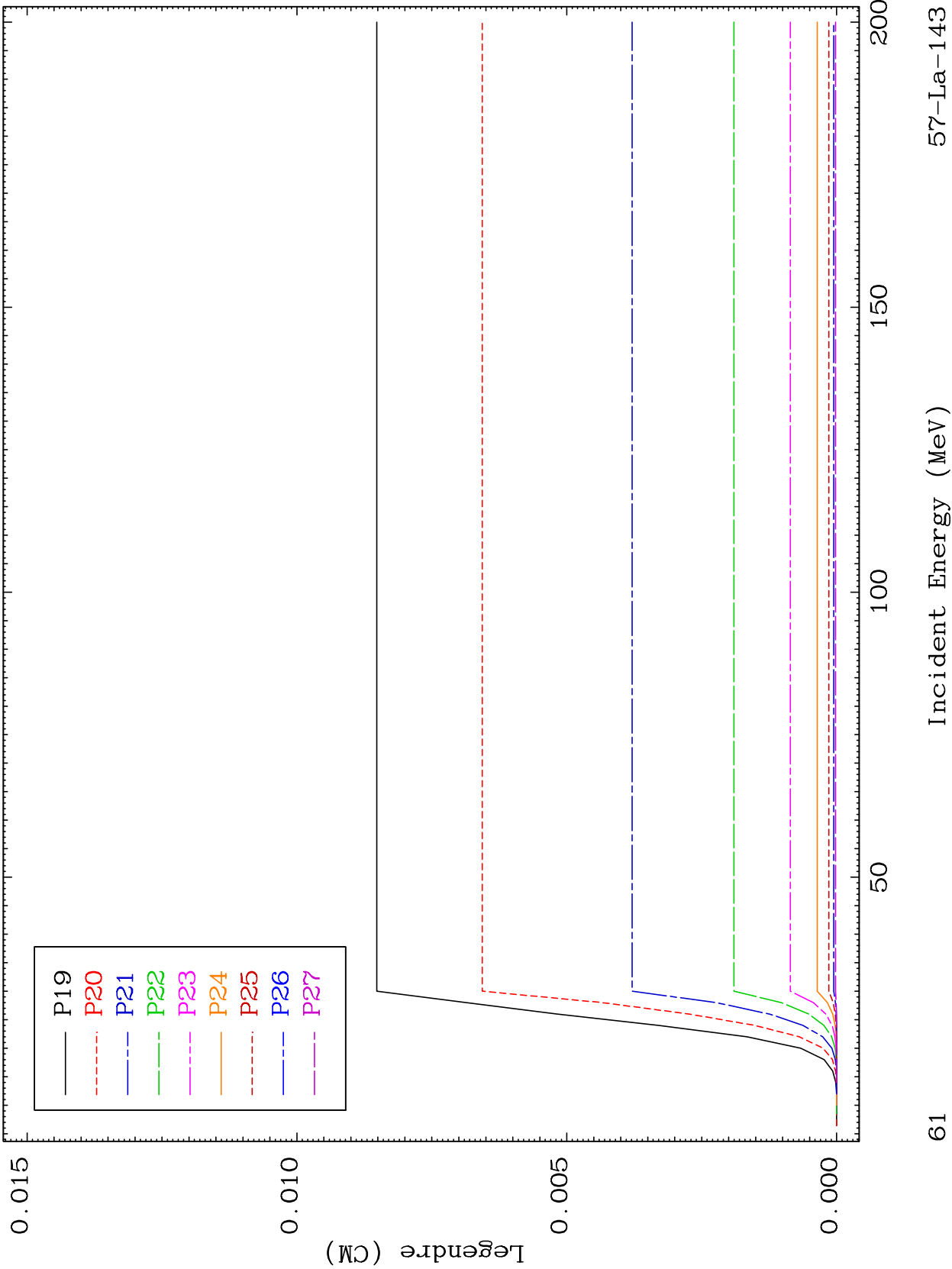
57-La-143



MAT 5740

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

57-La-143



61

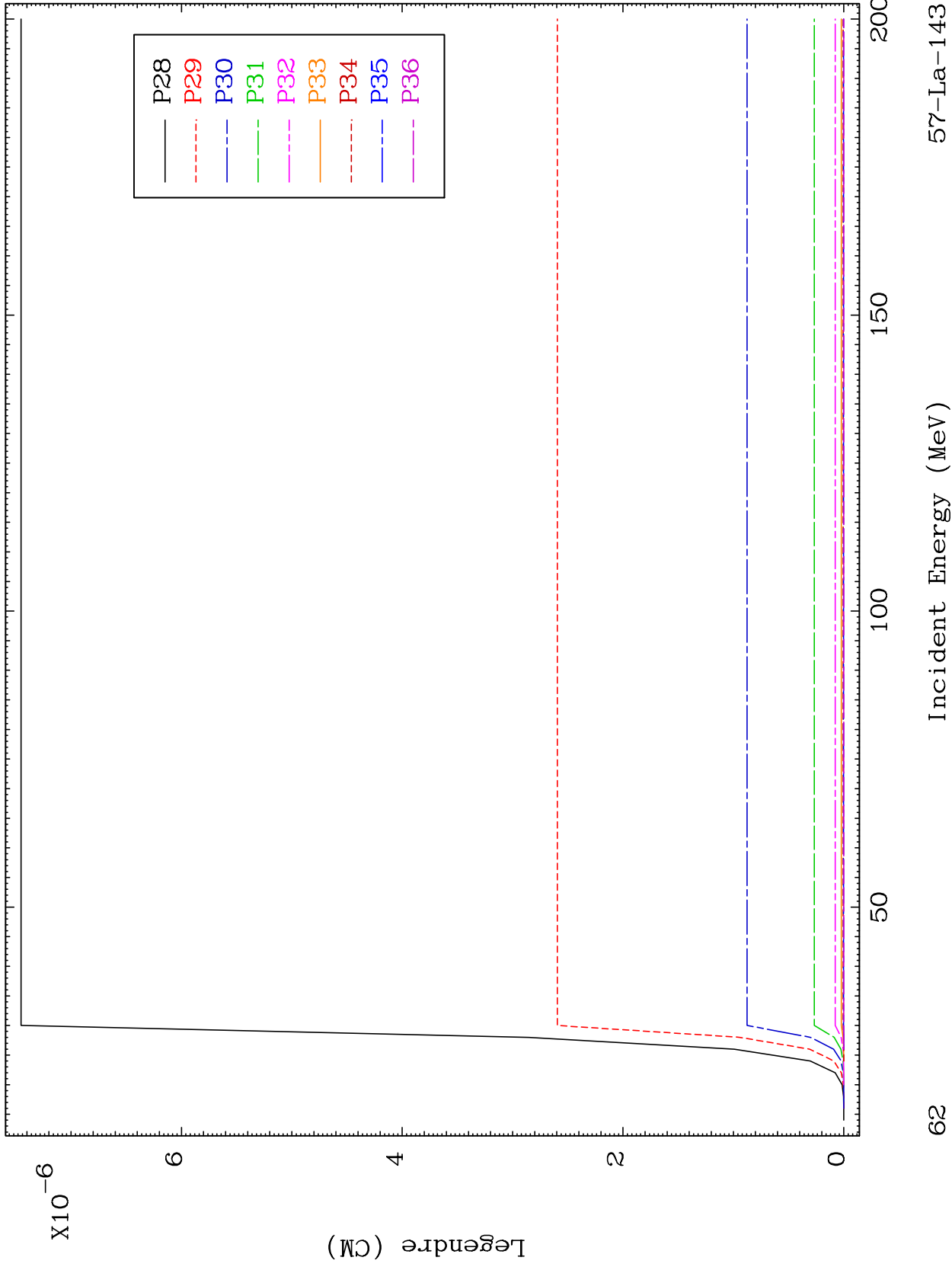
Incident Energy (MeV)

57-La-143

MAT 5740

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

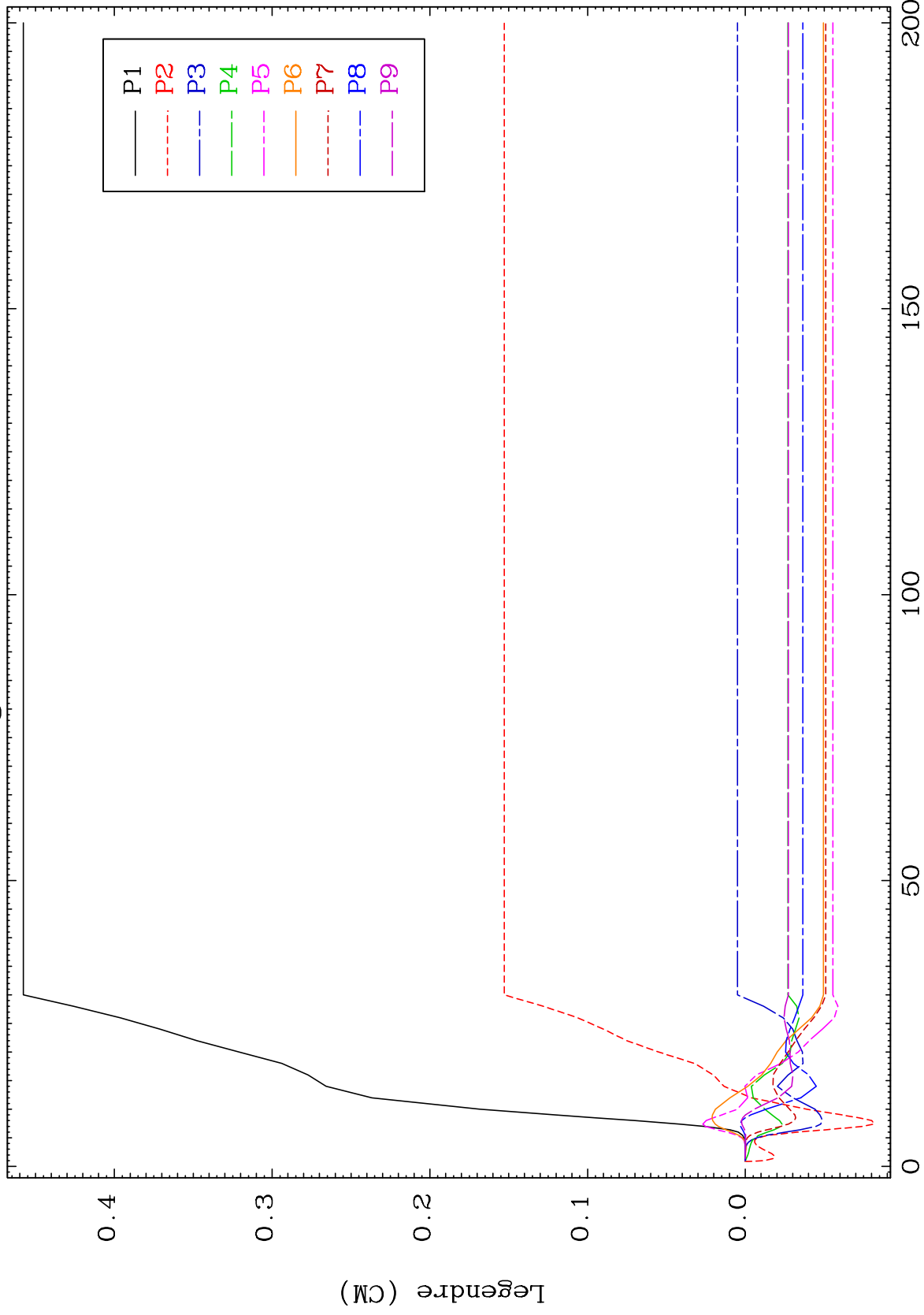
57-La-143



MAT 5740

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

57-La-143



63

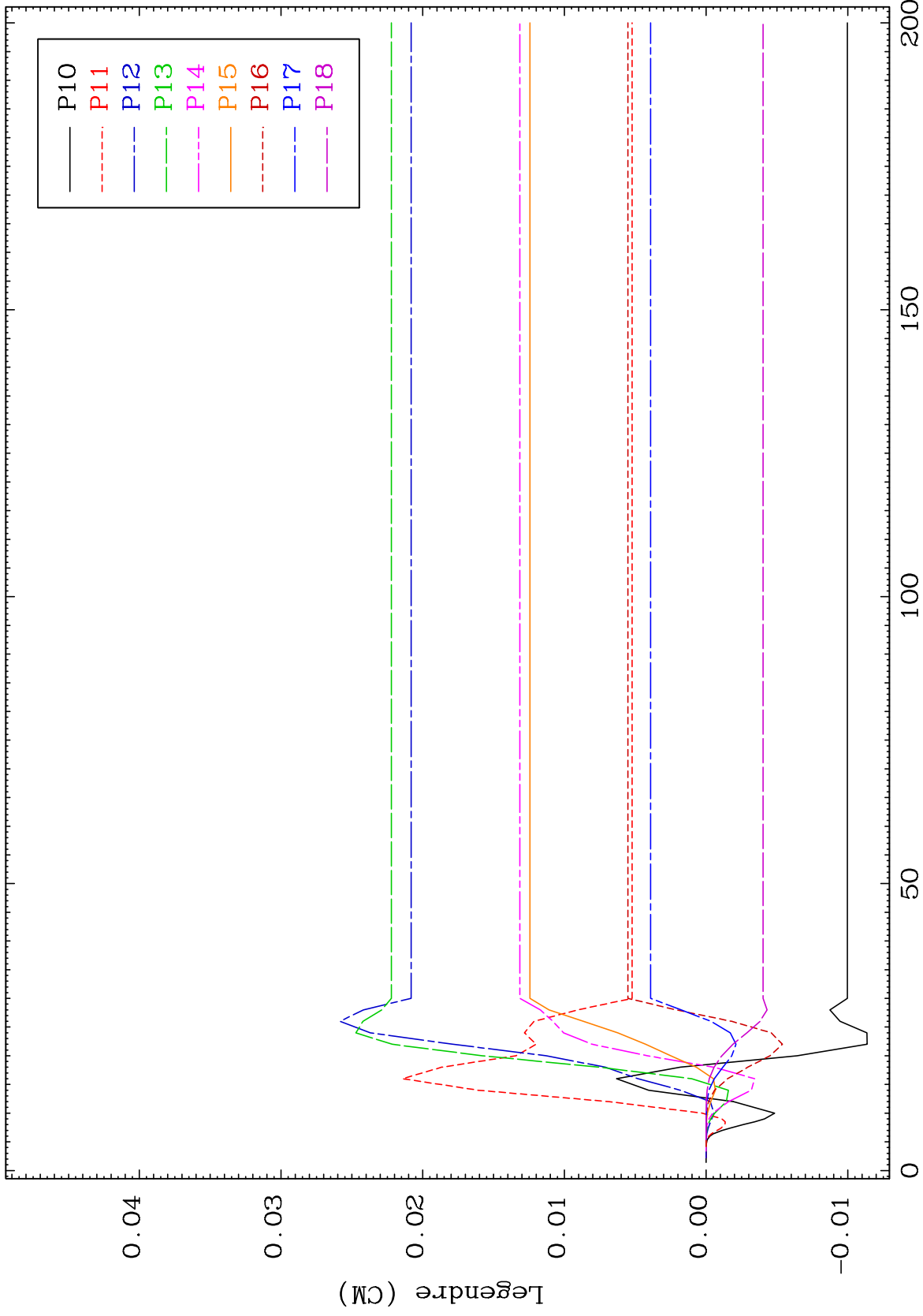
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



64

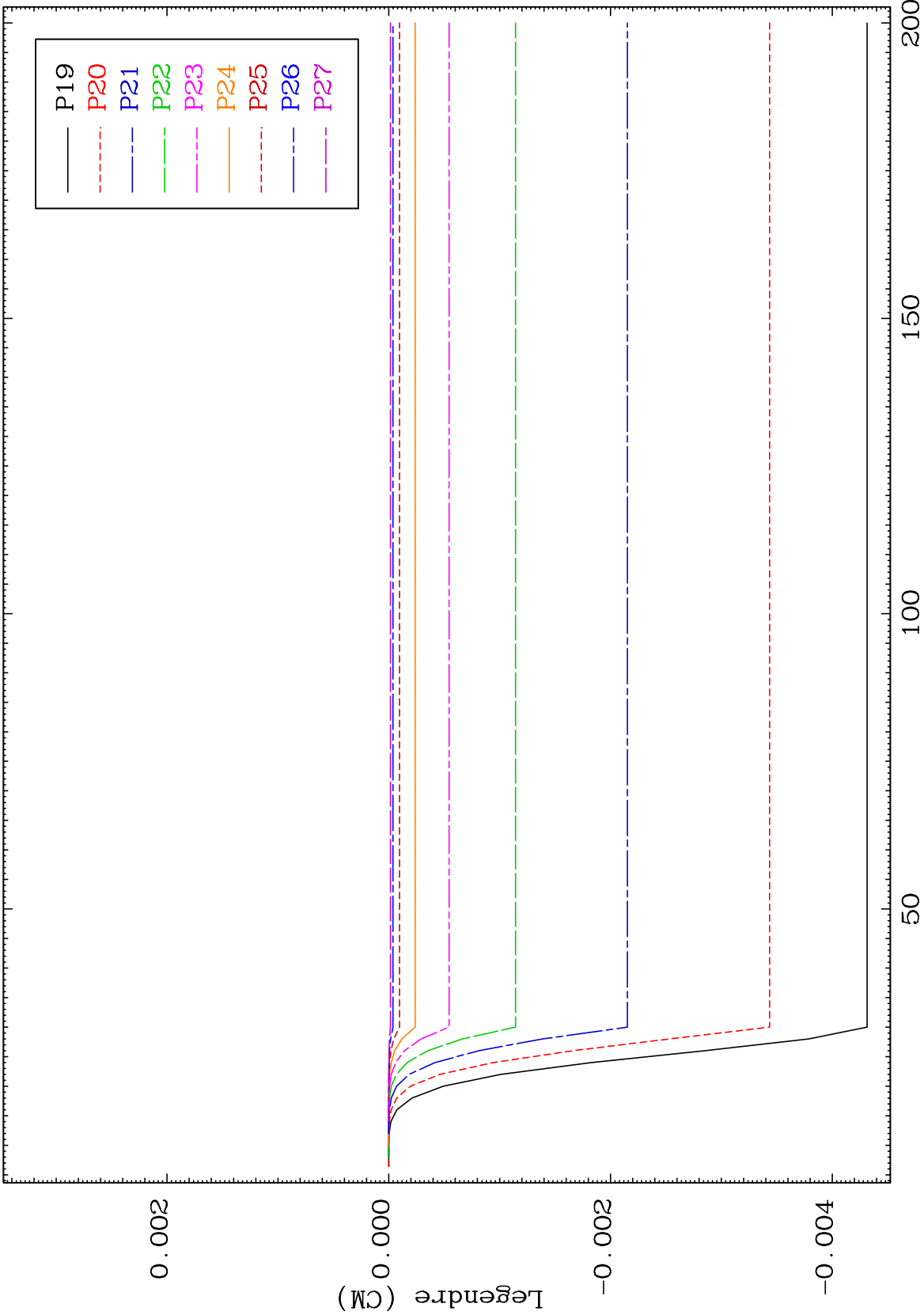
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



65

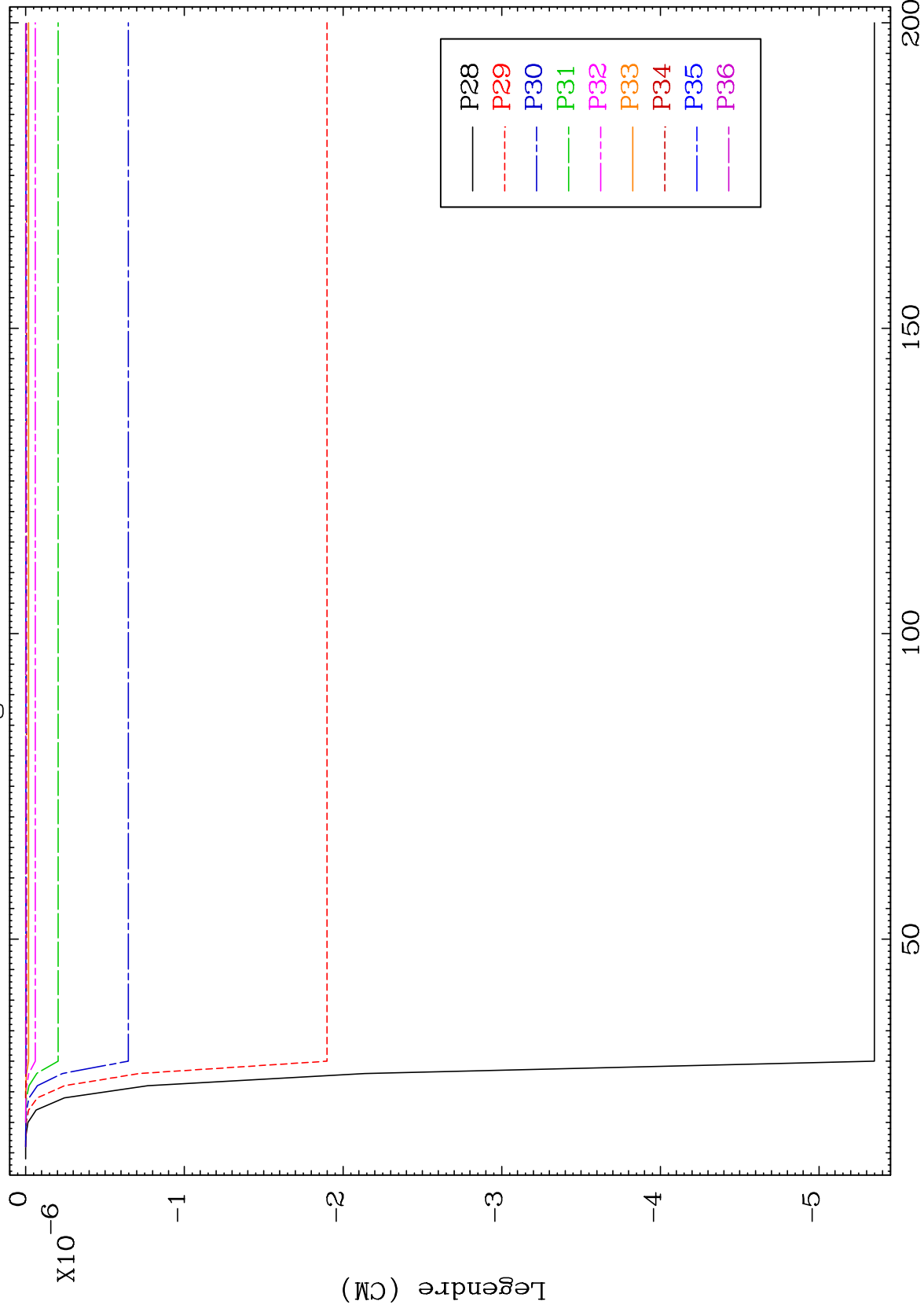
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



66

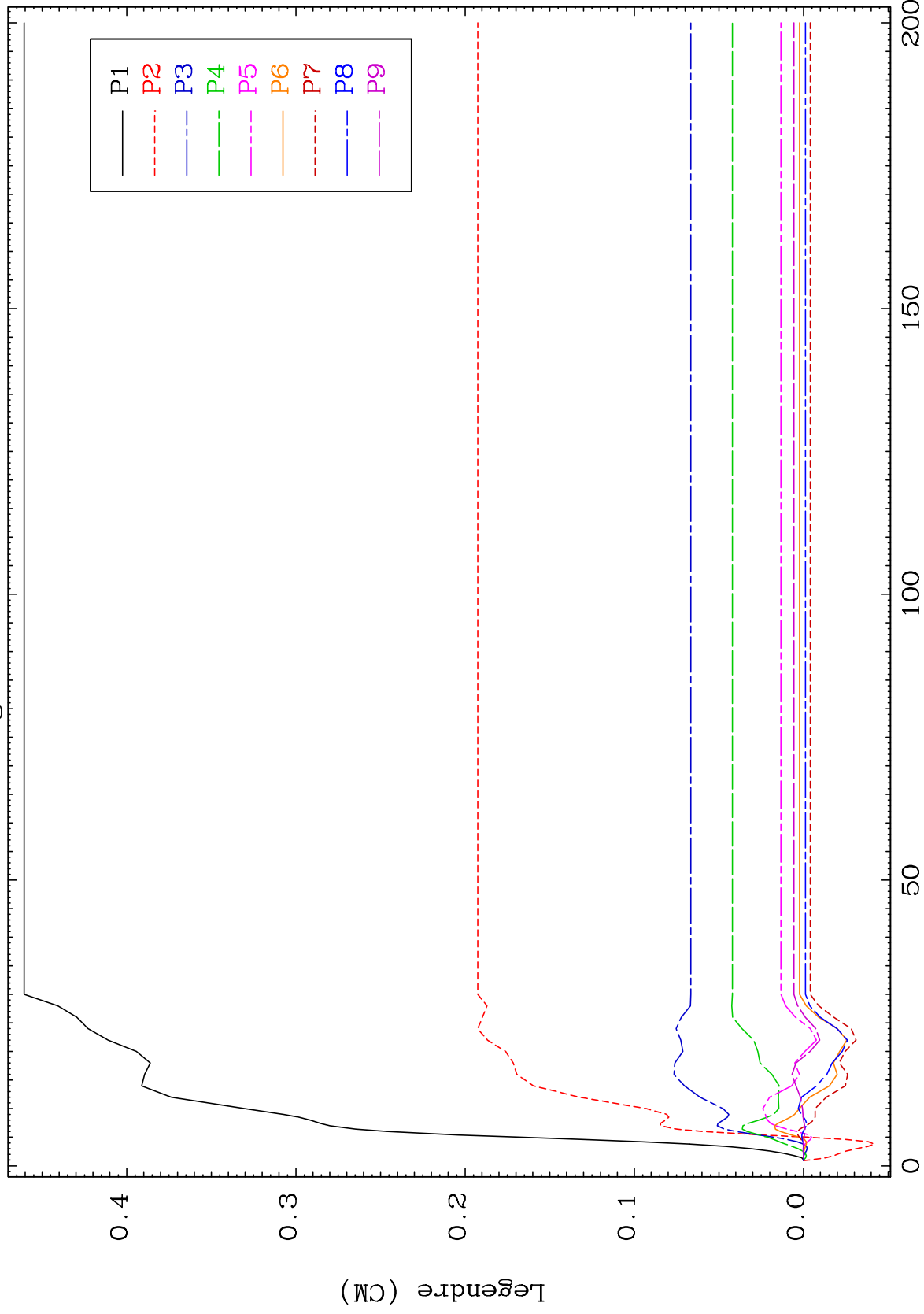
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



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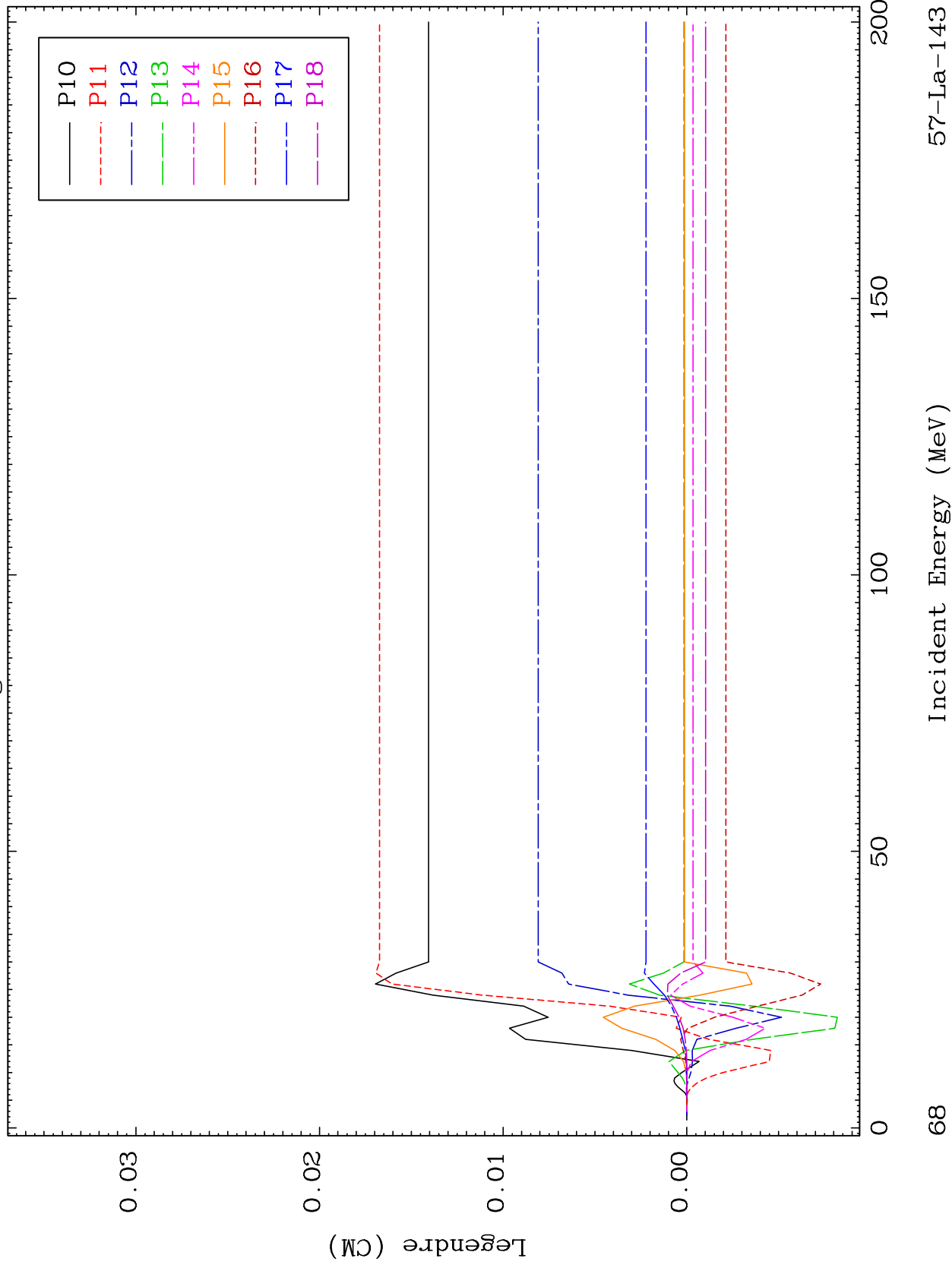
Incident Energy (MeV)

57-La-143

MAT 5740

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

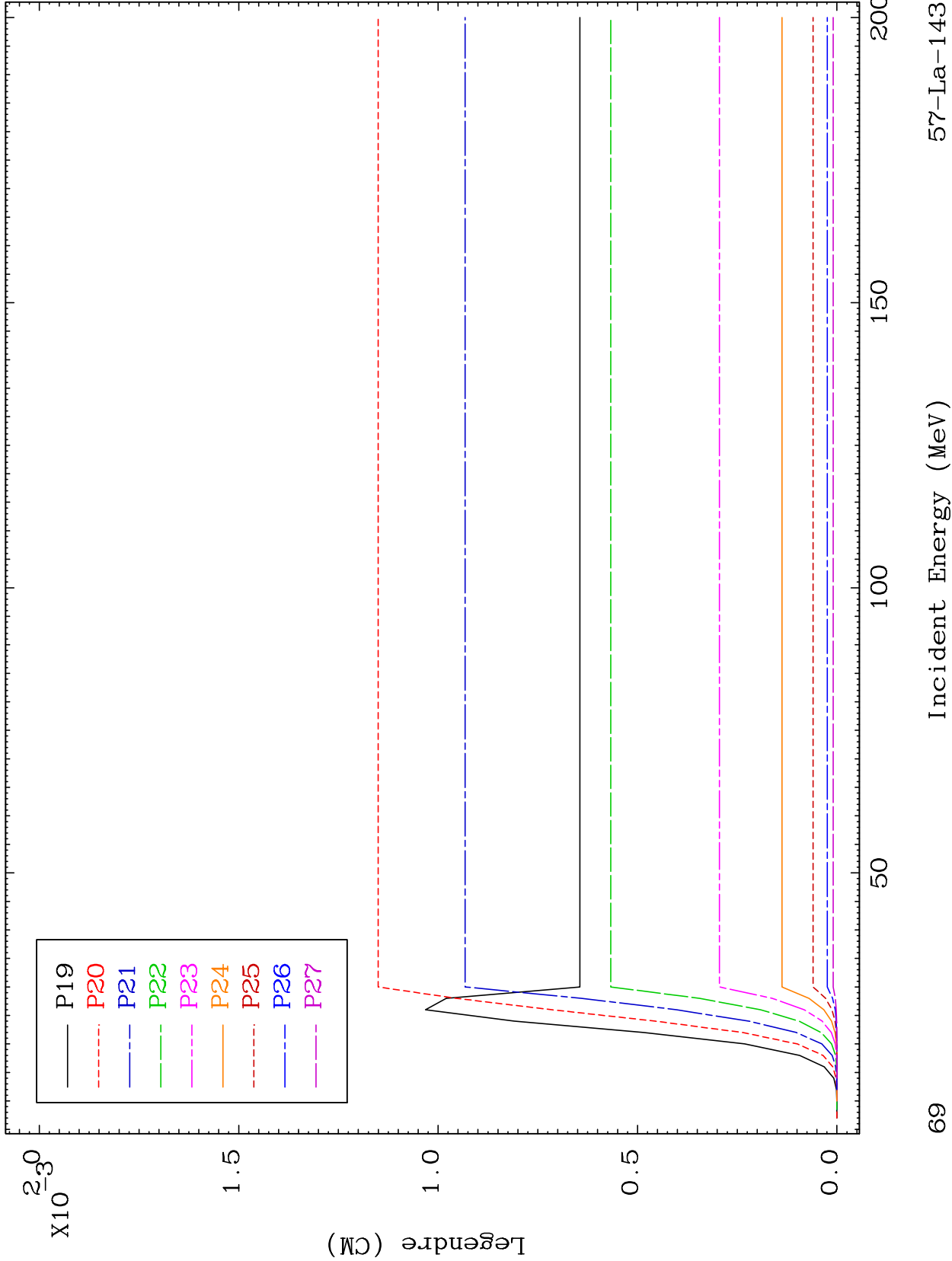
57-La-143



57-La-143

Incident Energy (MeV)

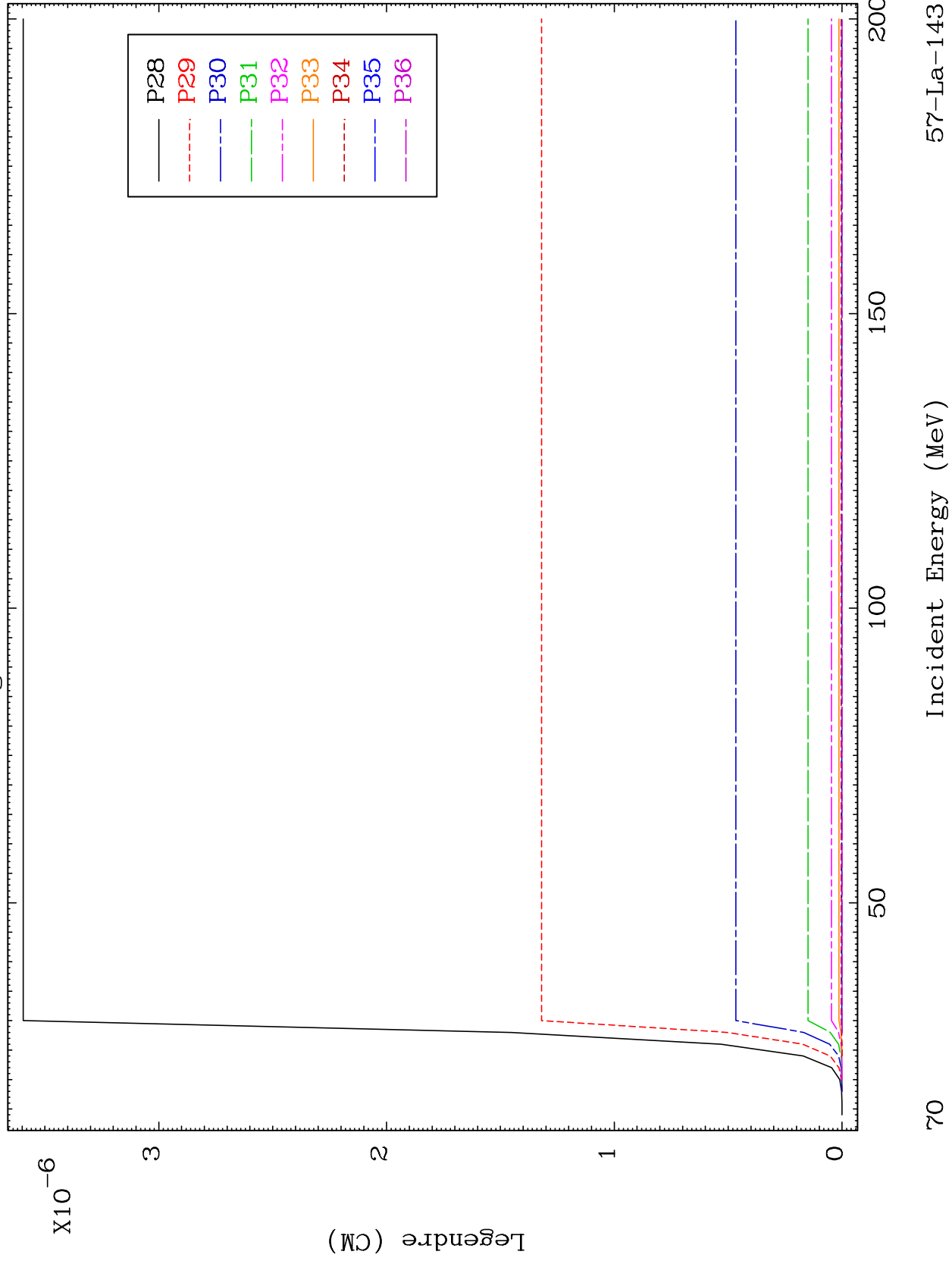
68



MAT 5740

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

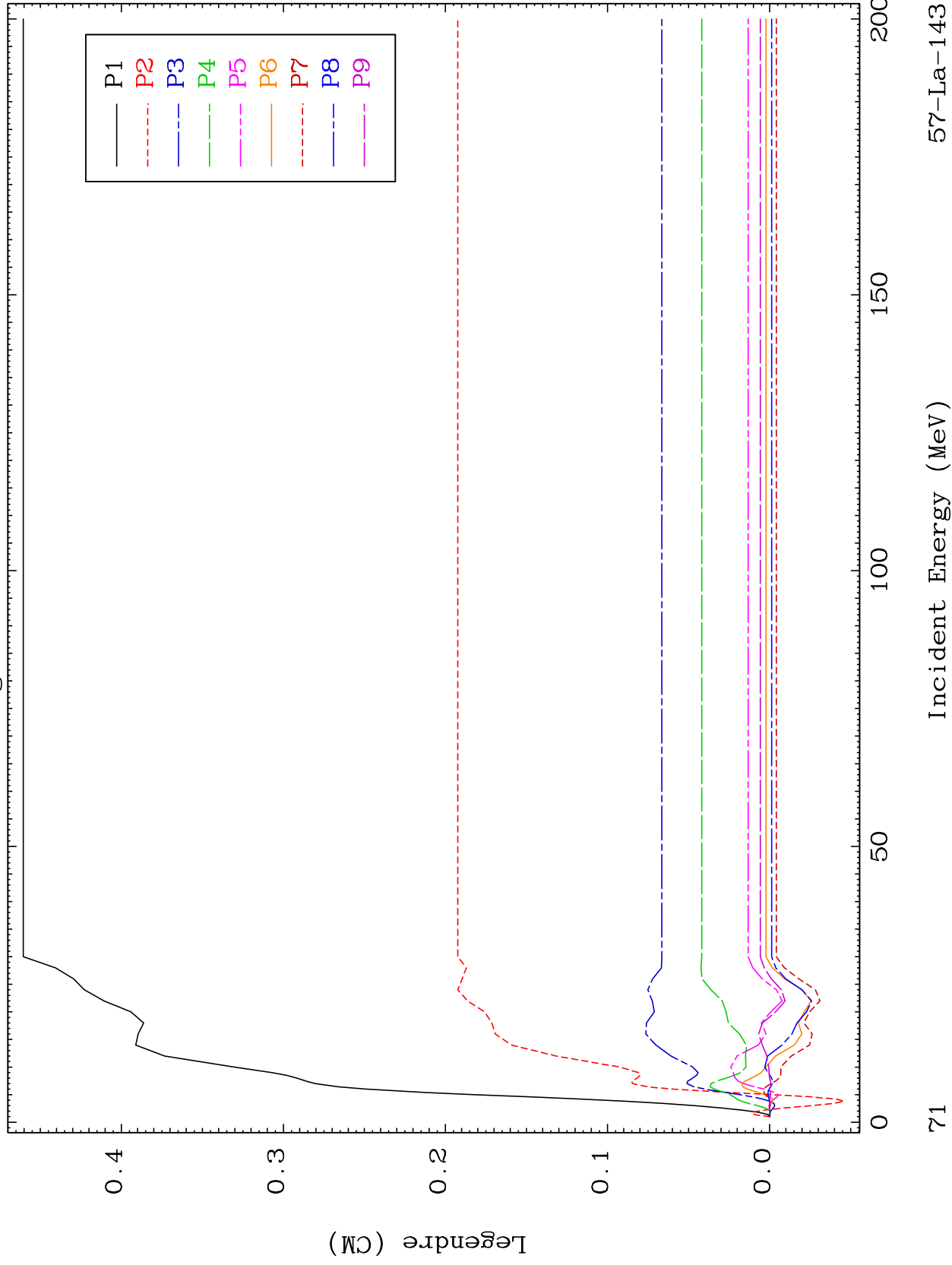
57-La-143



MAT 5740

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

57-La-143



57-La-143

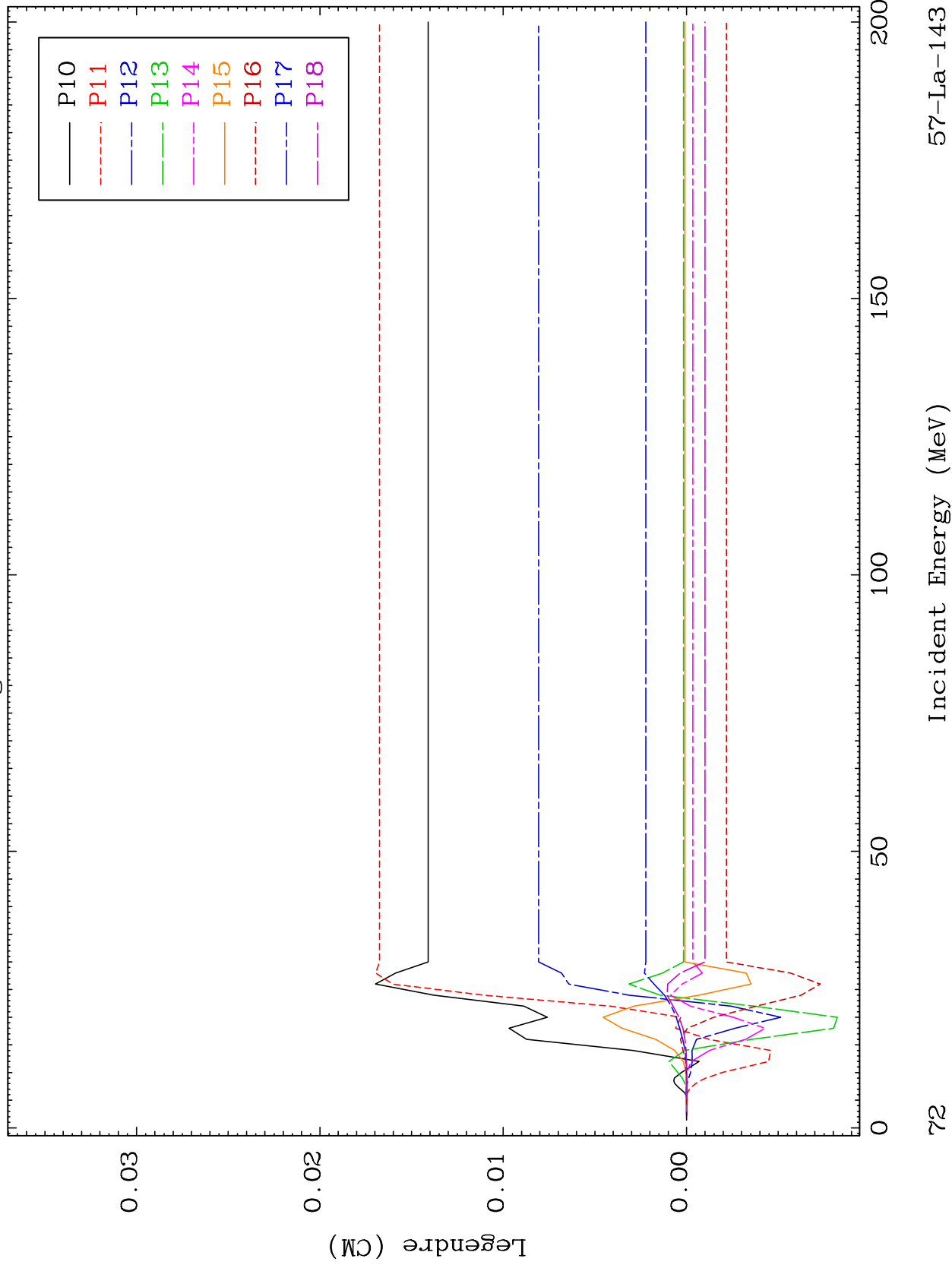
Incident Energy (MeV)

71

MAT 5740

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

57-La-143



57-La-143

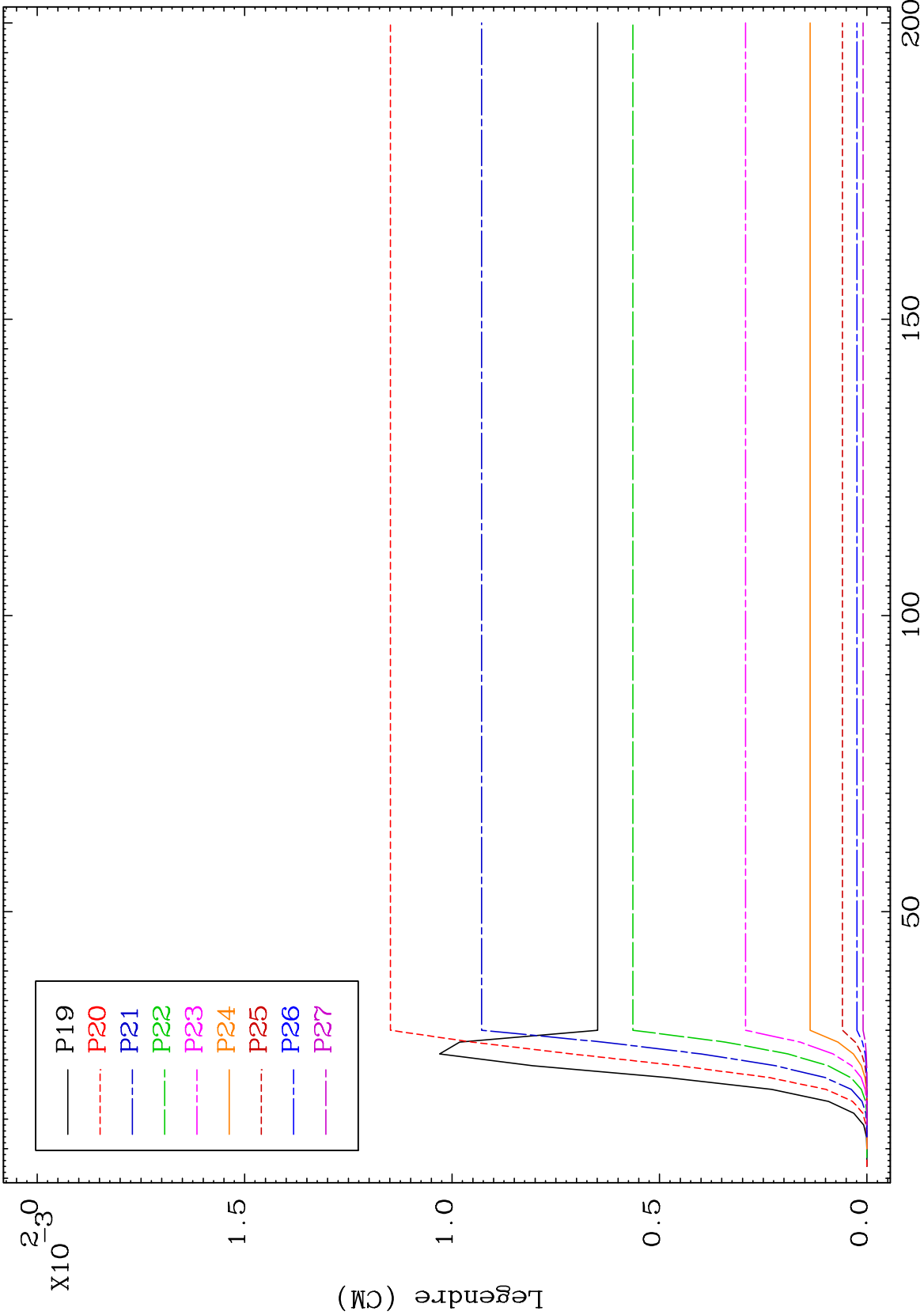
Incident Energy (MeV)

72

MAT 5740

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

57-La-143



73

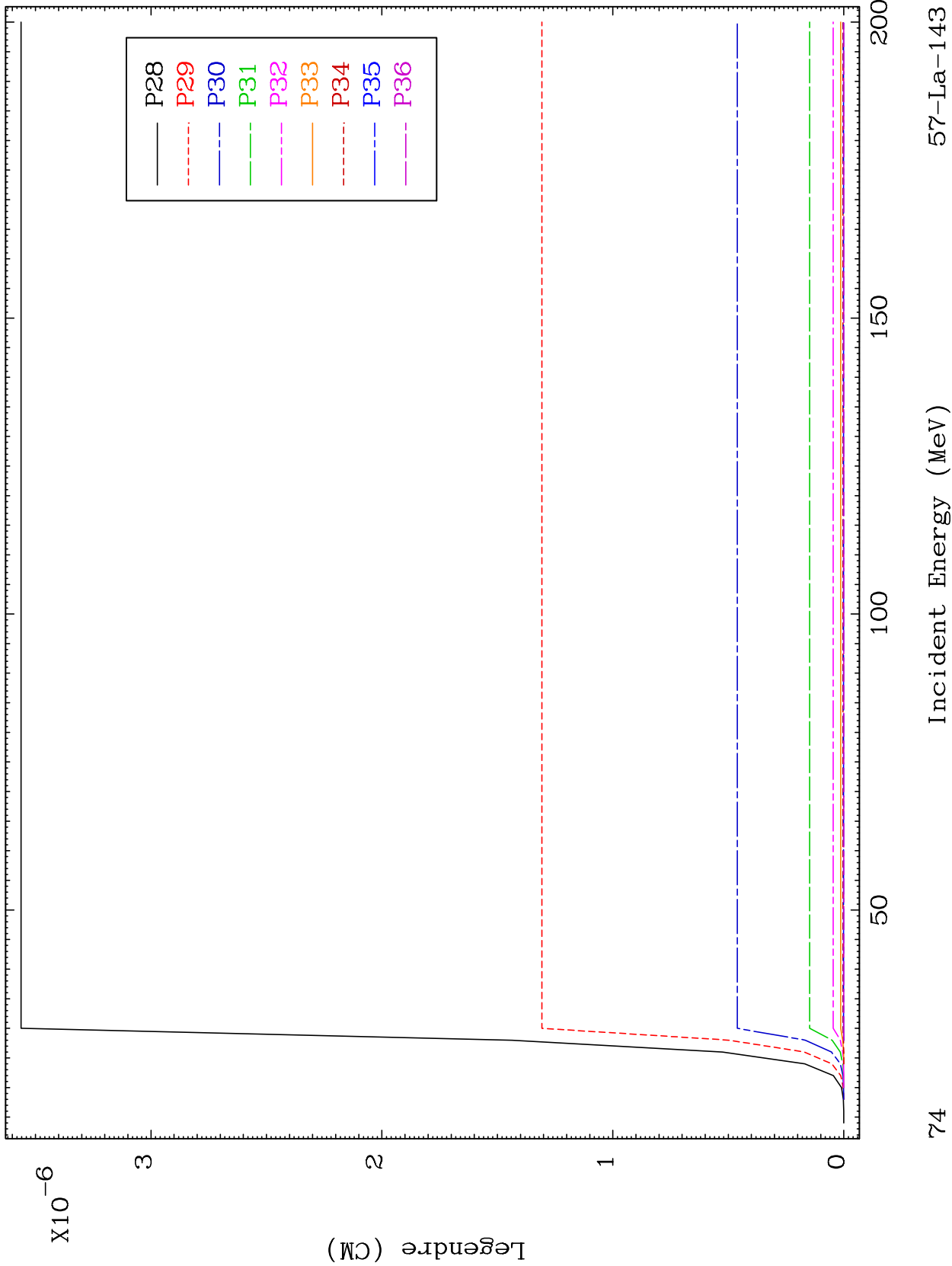
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



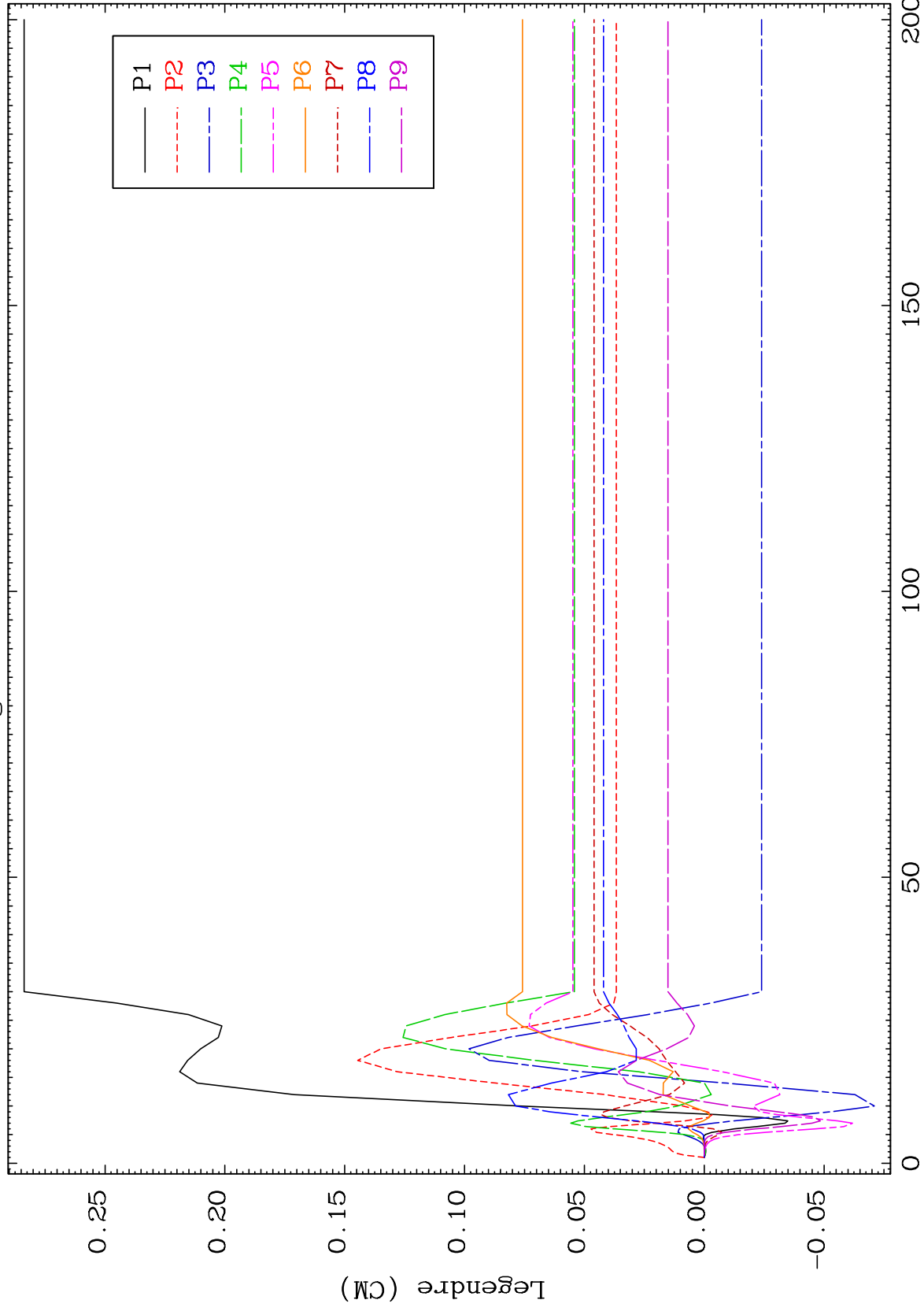
74

57-La-143

MAT 5740

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

57-La-143



57-La-143

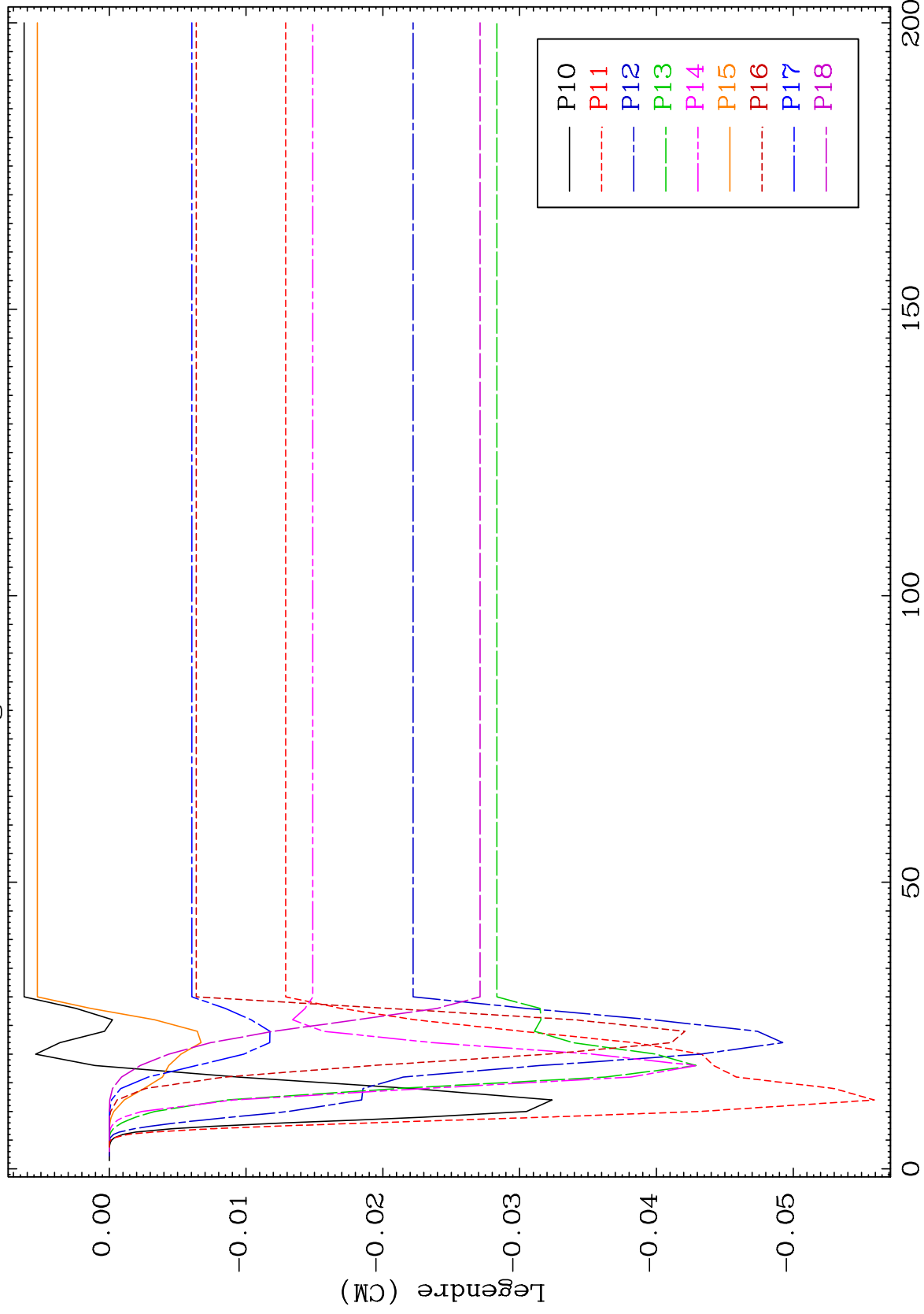
Incident Energy (MeV)

75

MAT 5740

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

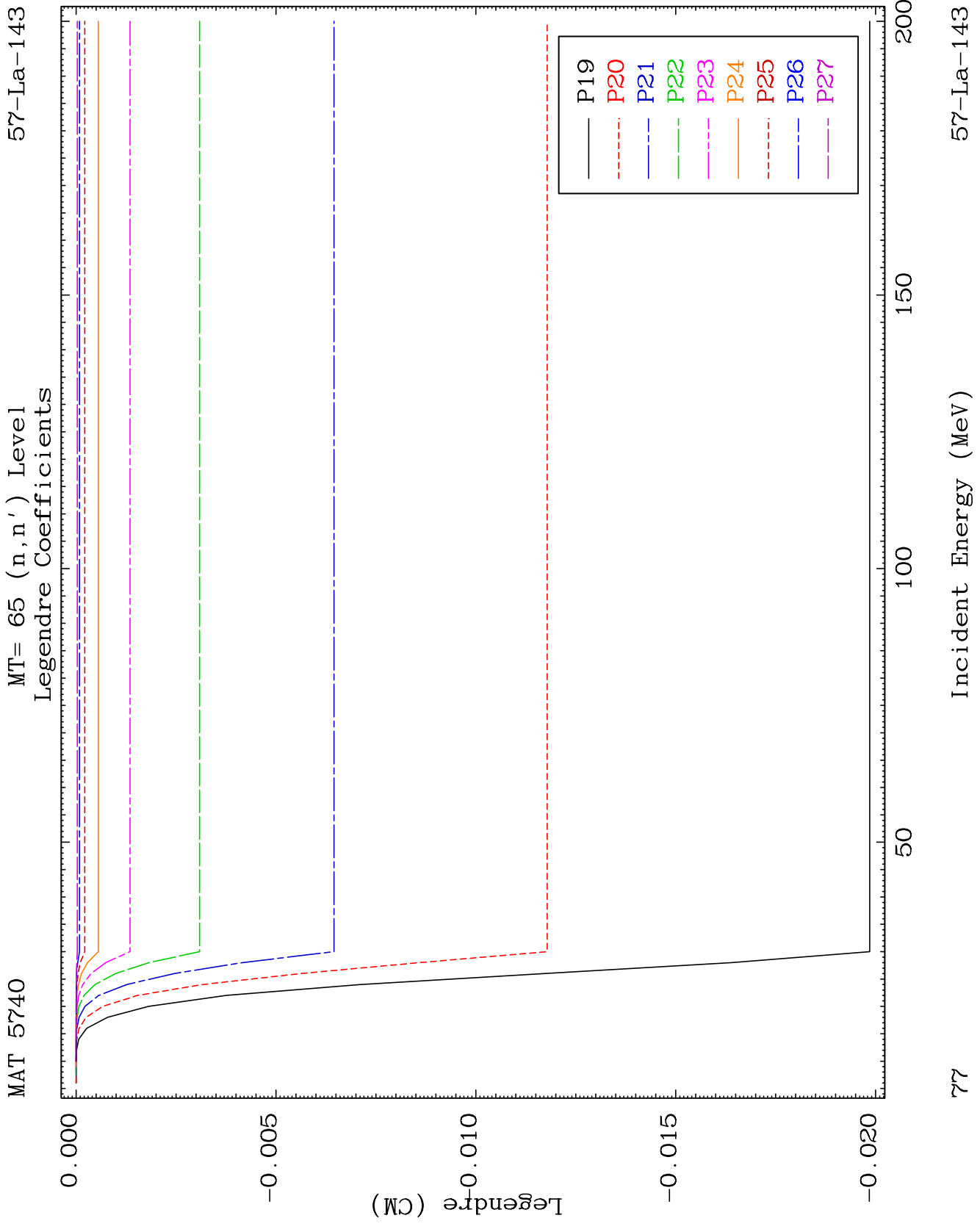
57-La-143

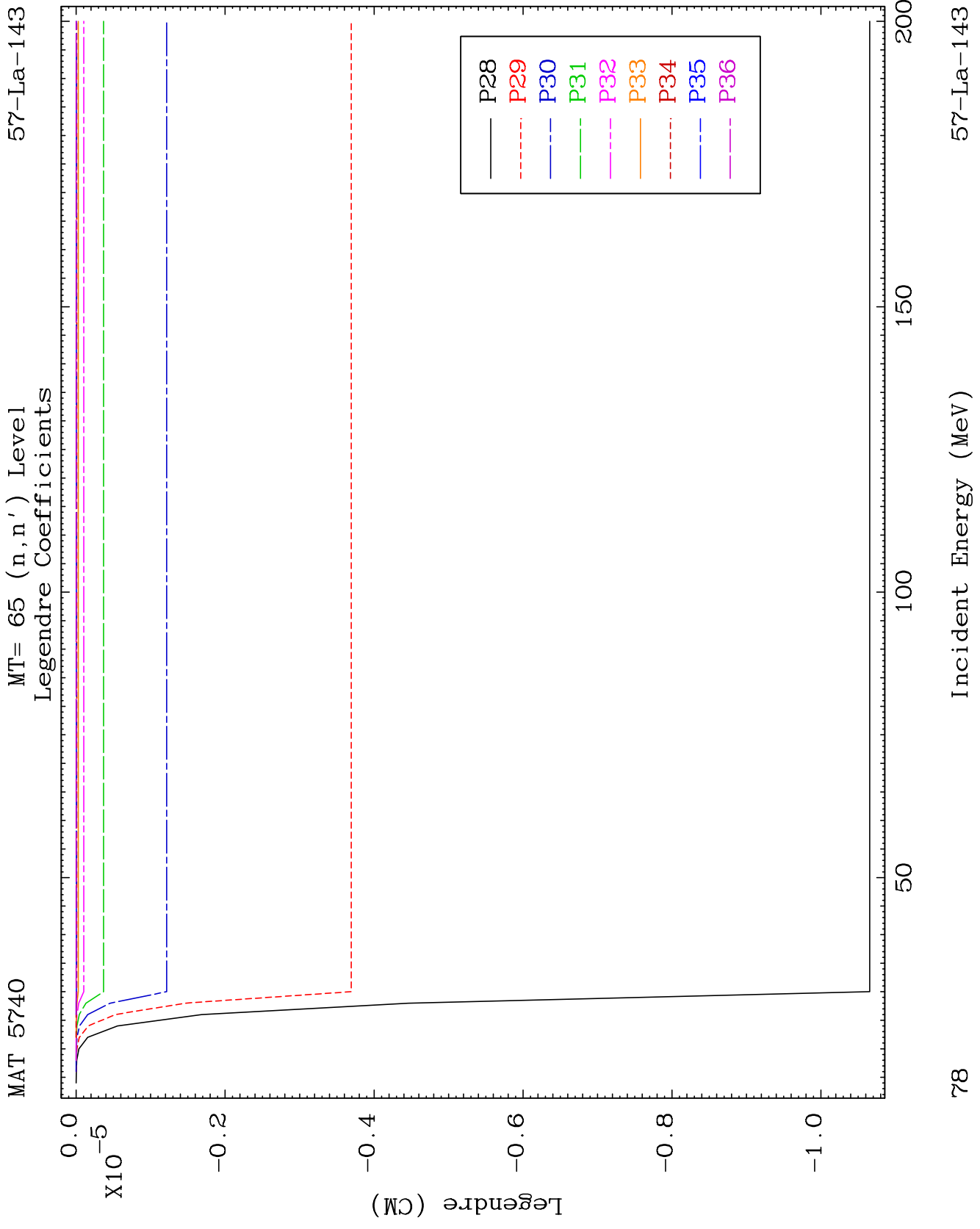


76

Incident Energy (MeV)

57-La-143

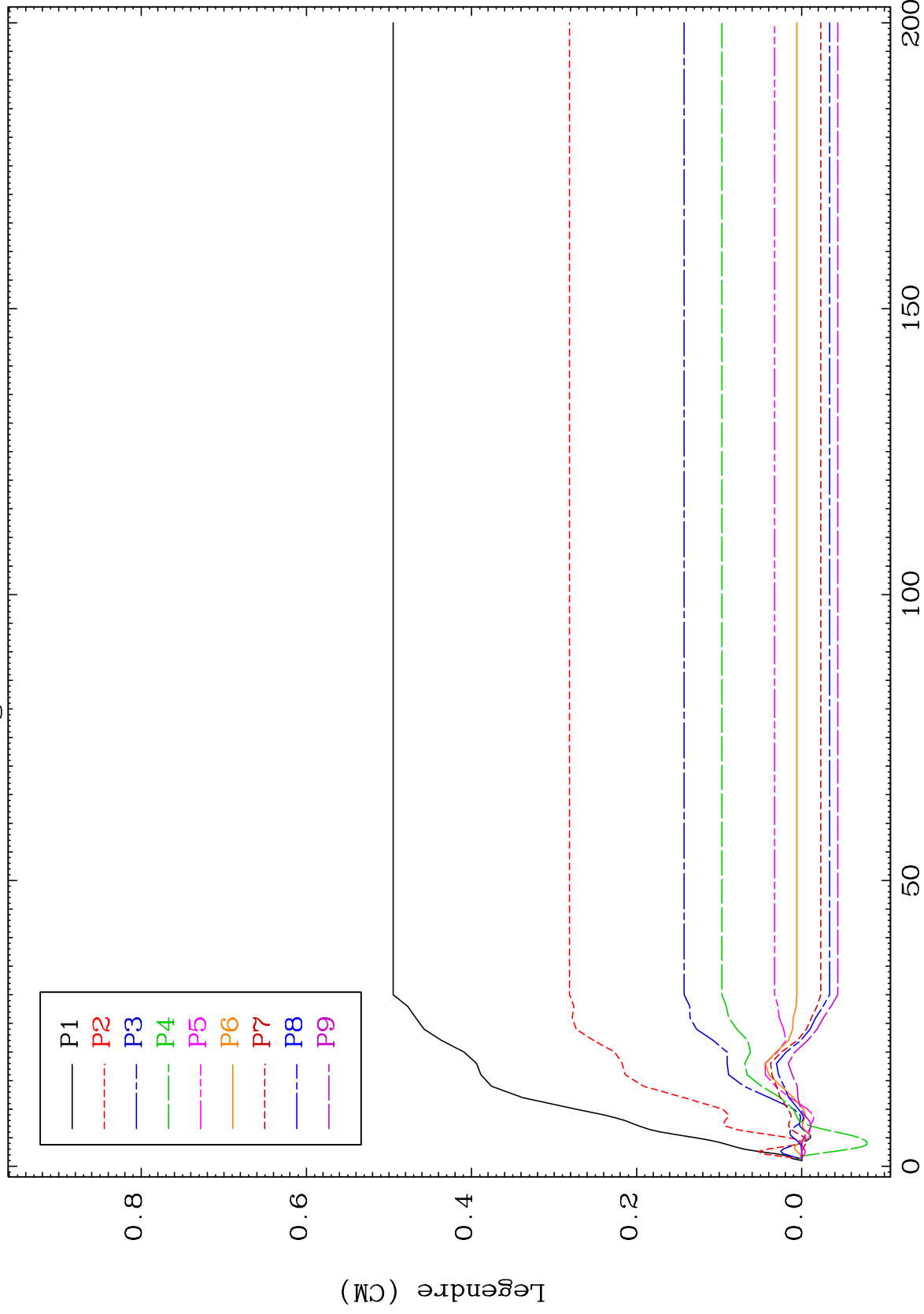




MAT 5740

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

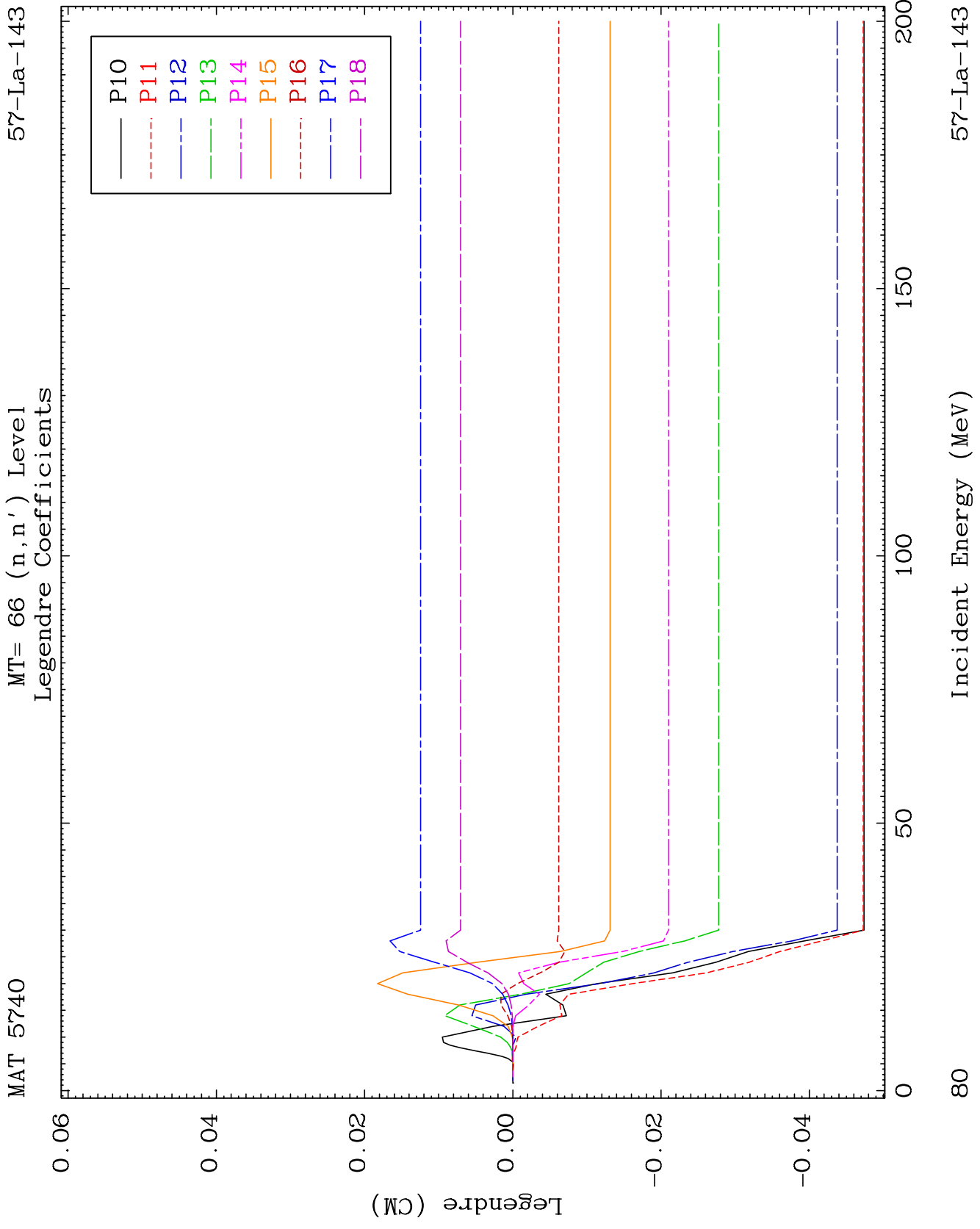
57-La-143



79

Incident Energy (MeV)

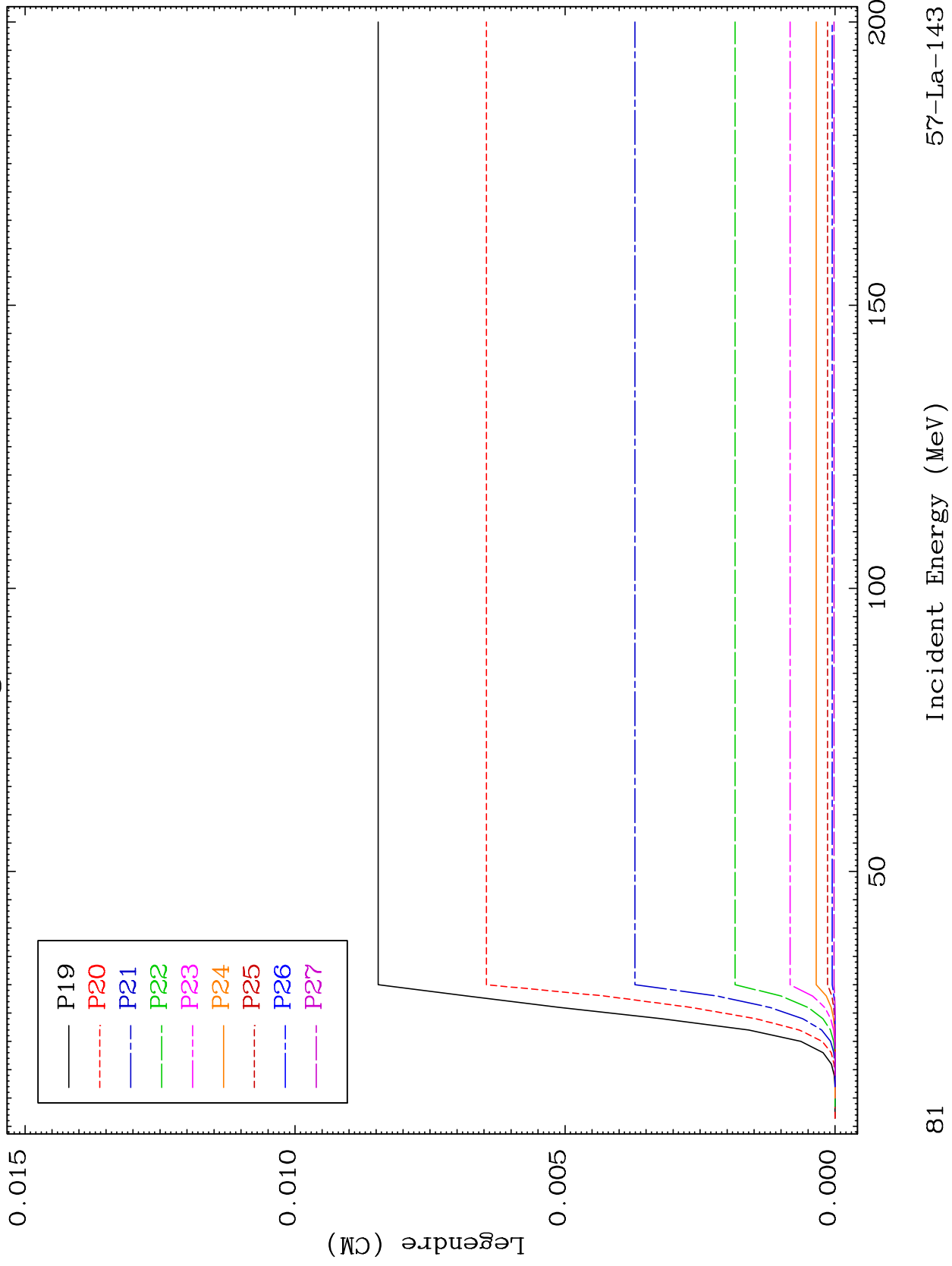
57-La-143



MAT 5740

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

57-La-143



81

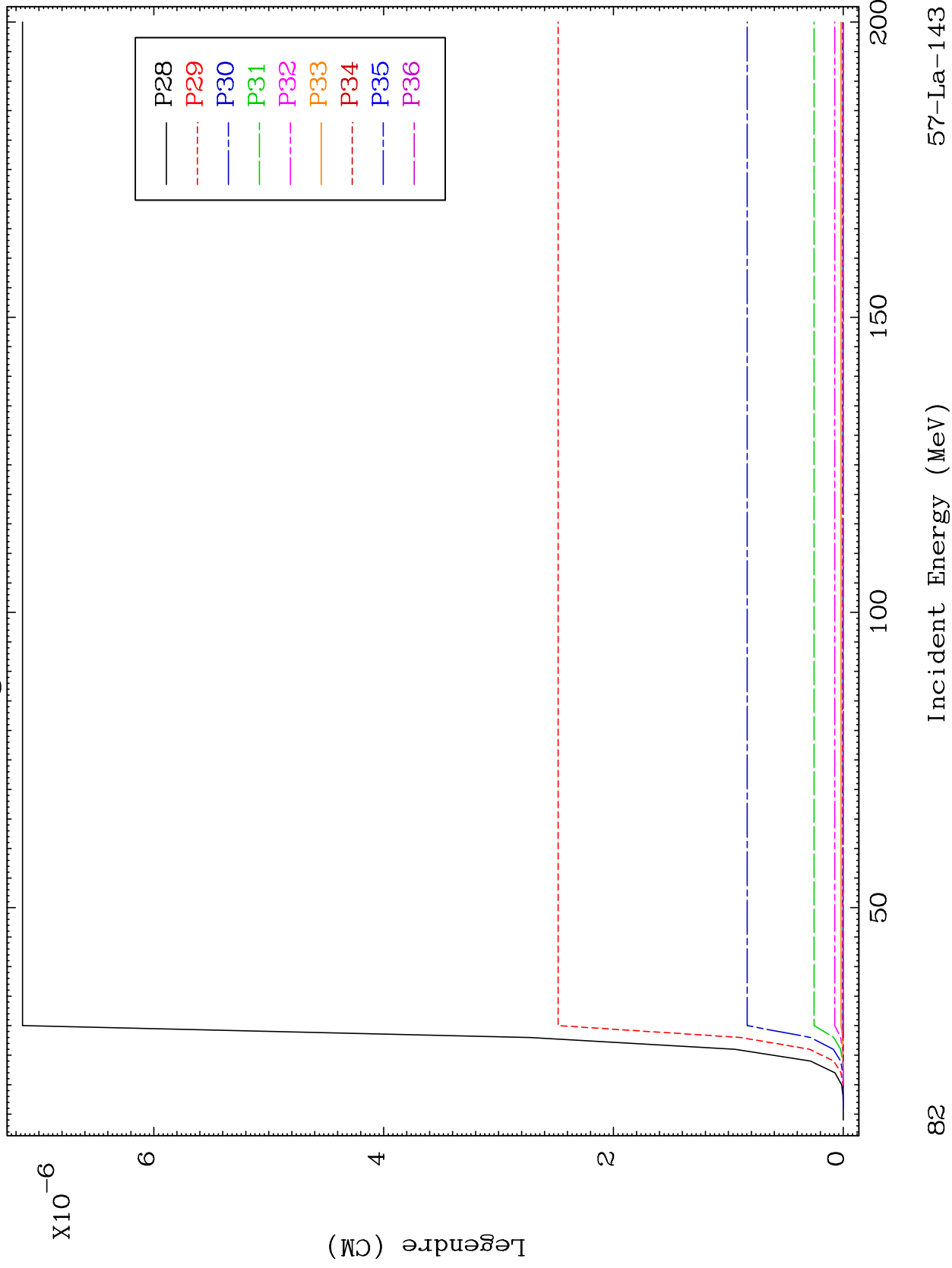
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



82

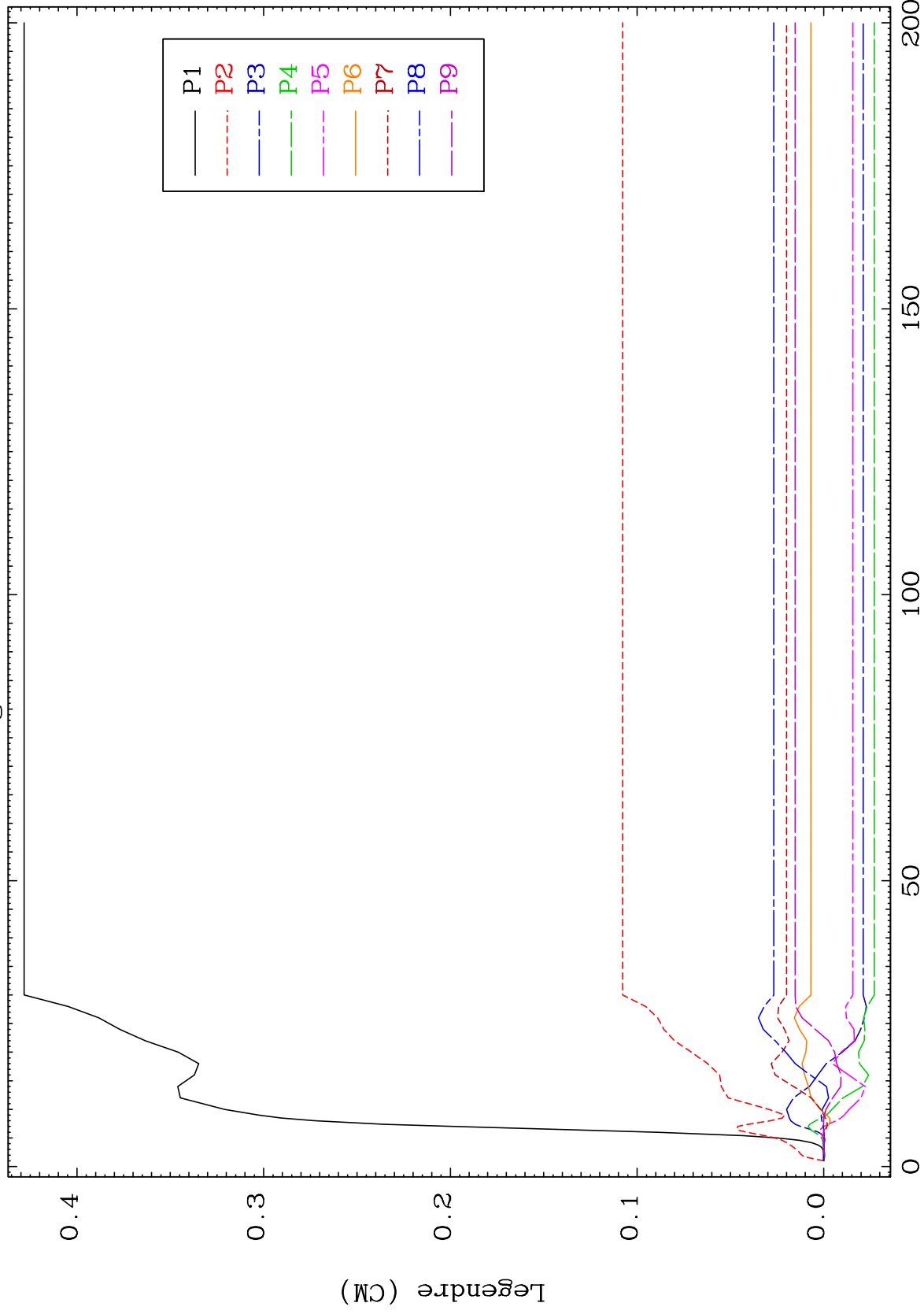
57-La-143

Incident Energy (MeV)

MAT 5740

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

57-La-143



57-La-143

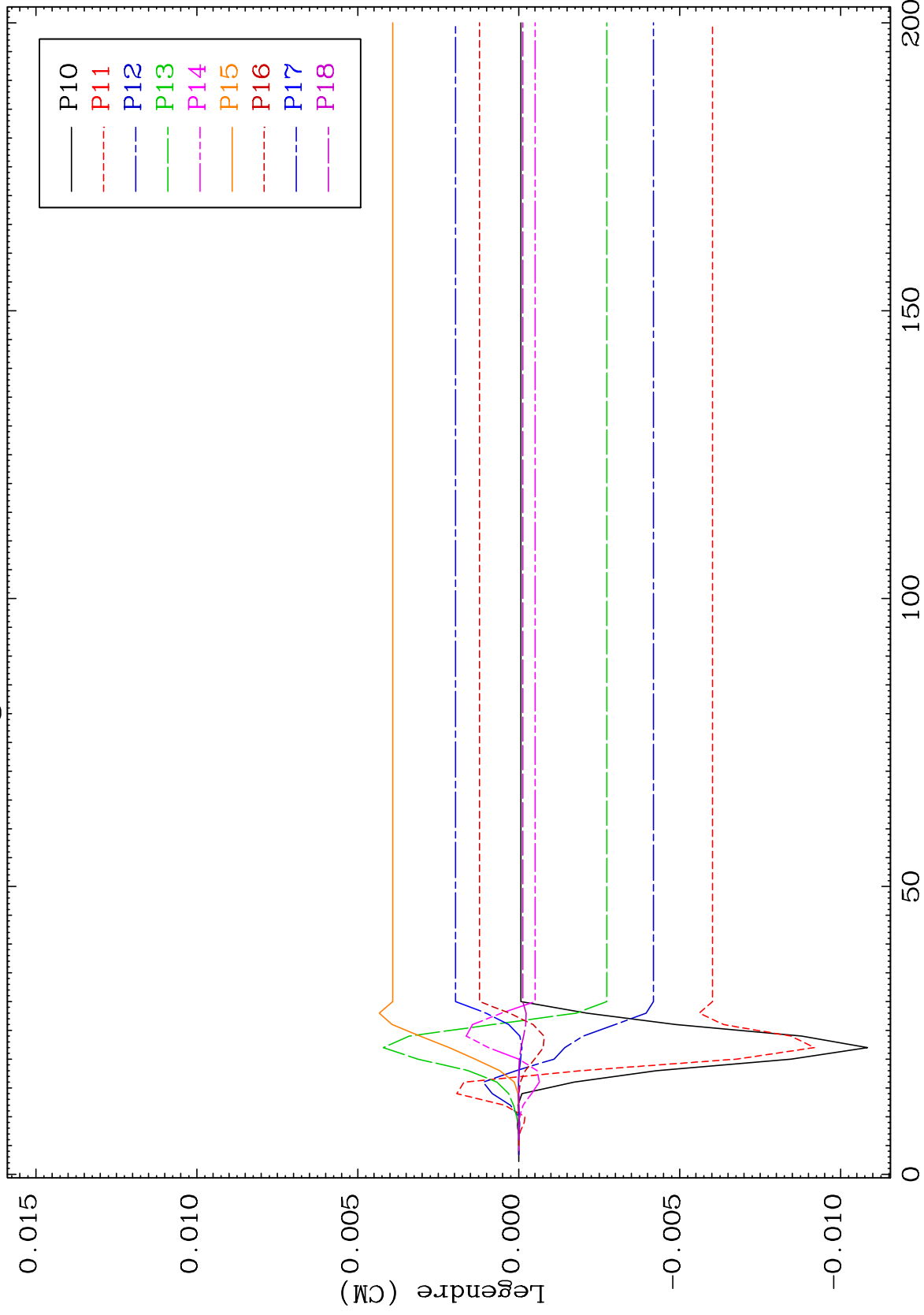
Incident Energy (MeV)

83

MAT 5740

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

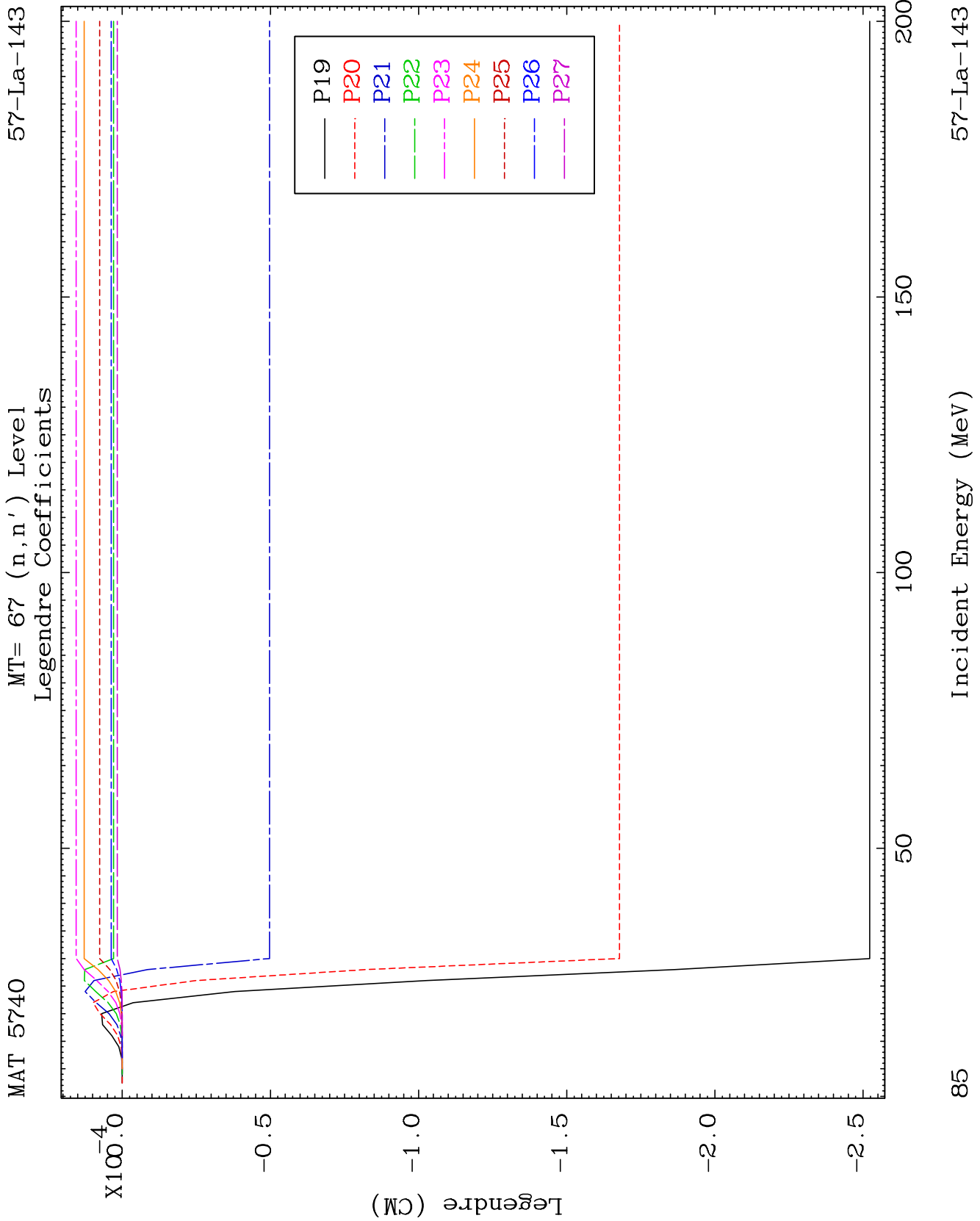
57-La-143



84

Incident Energy (MeV)

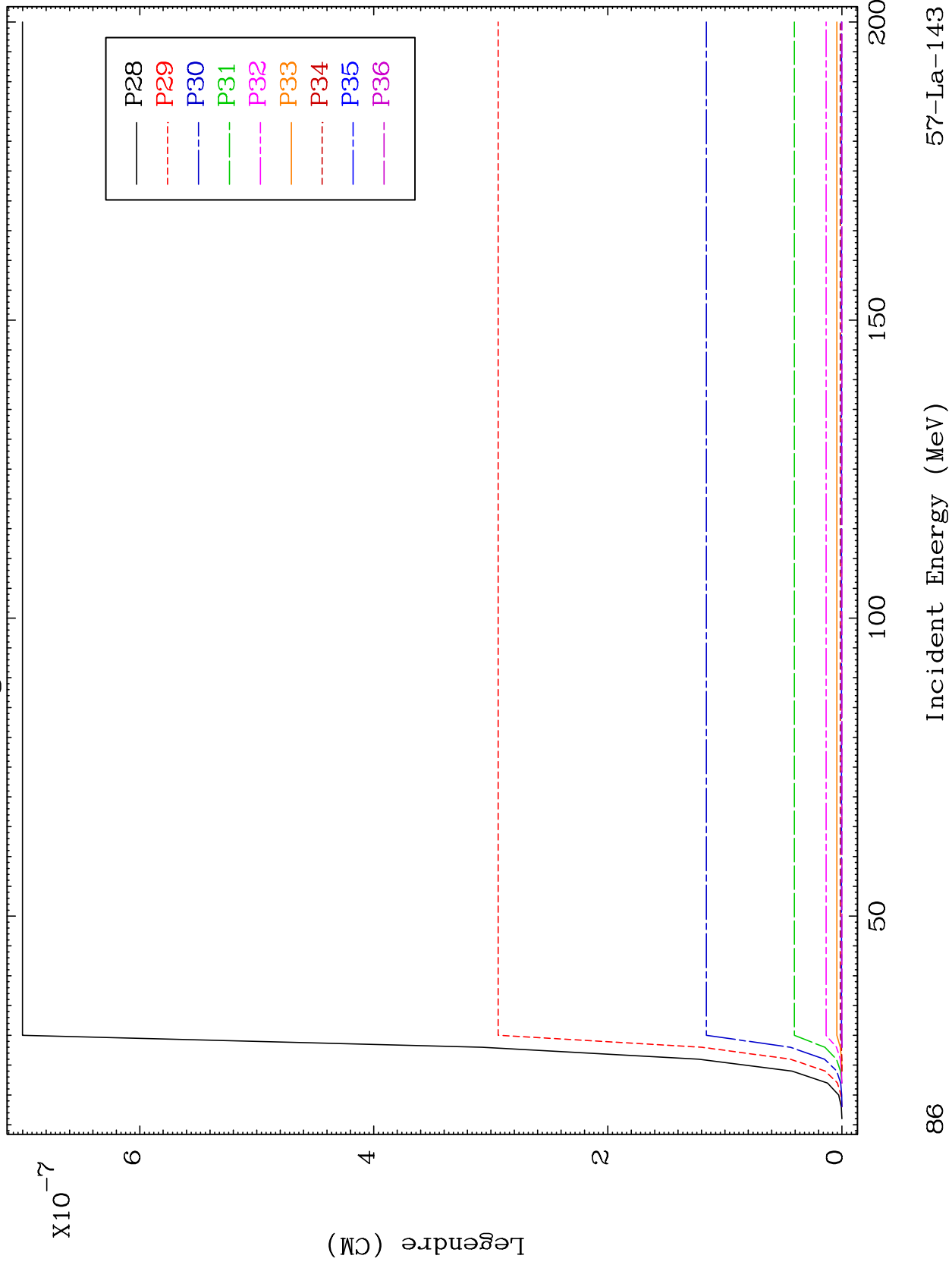
57-La-143



MAT 5740

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

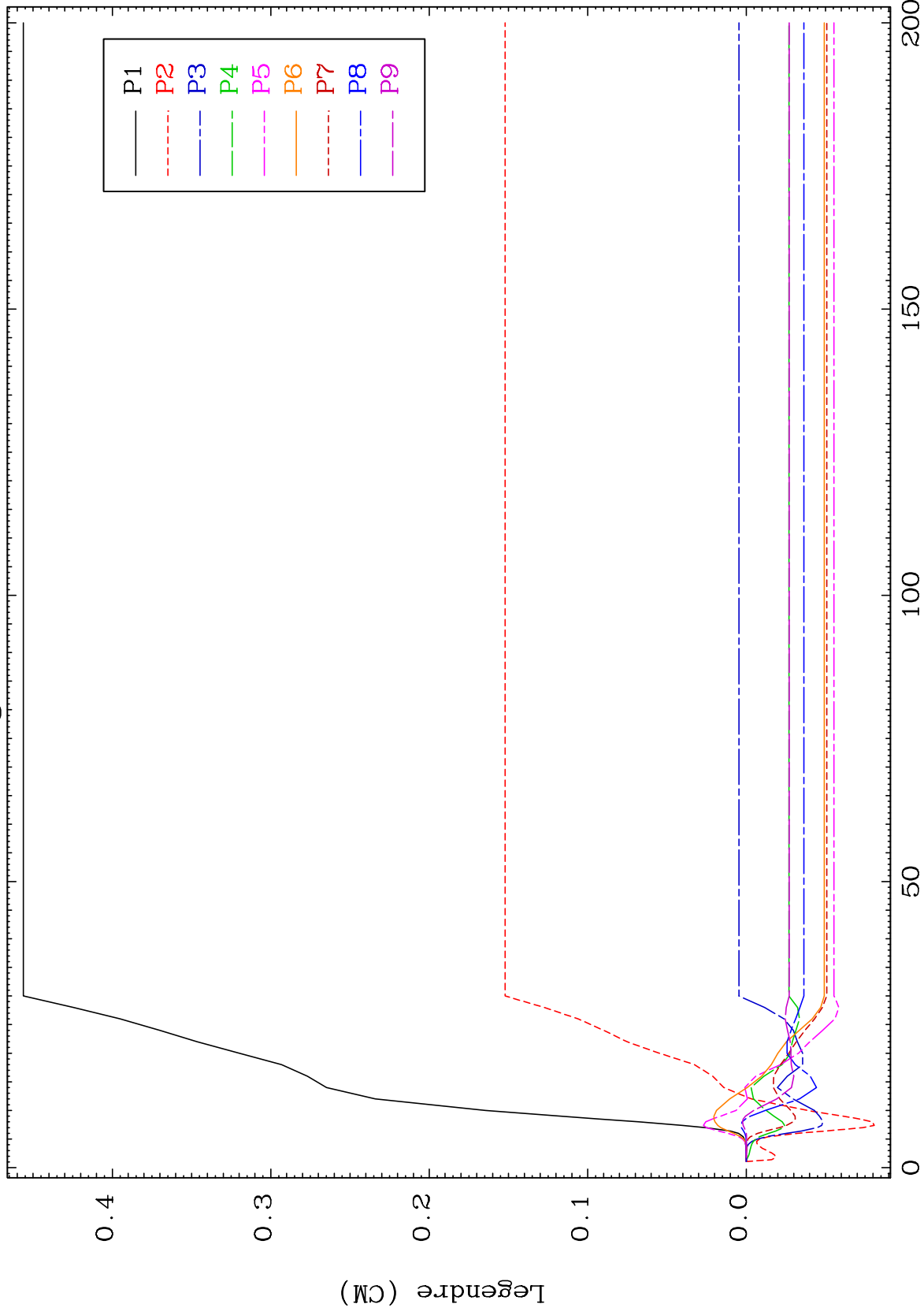
57-La-143



MAT 5740

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

57-La-143



57-La-143

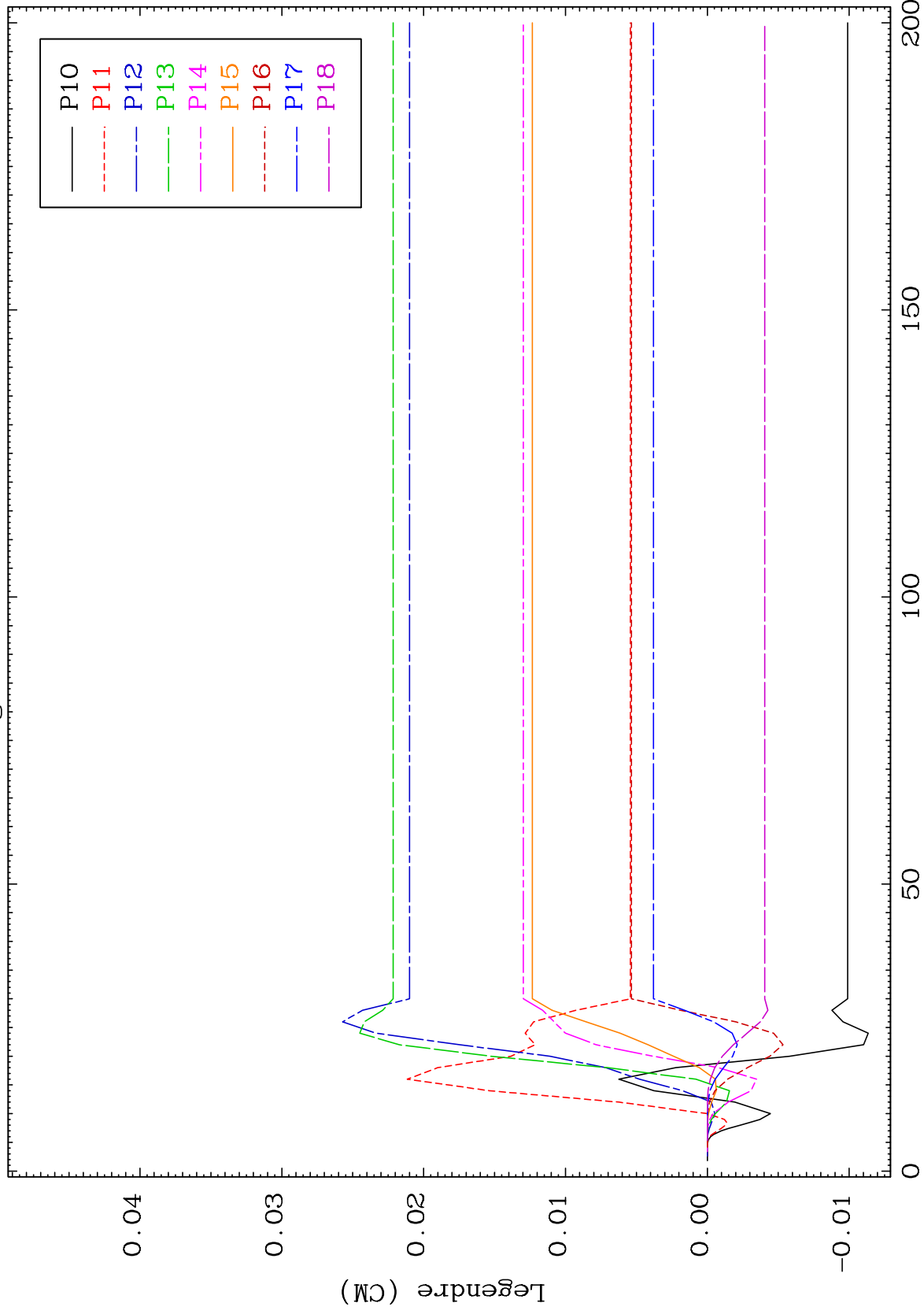
Incident Energy (MeV)

87

MAT 5740

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

57-La-143



88

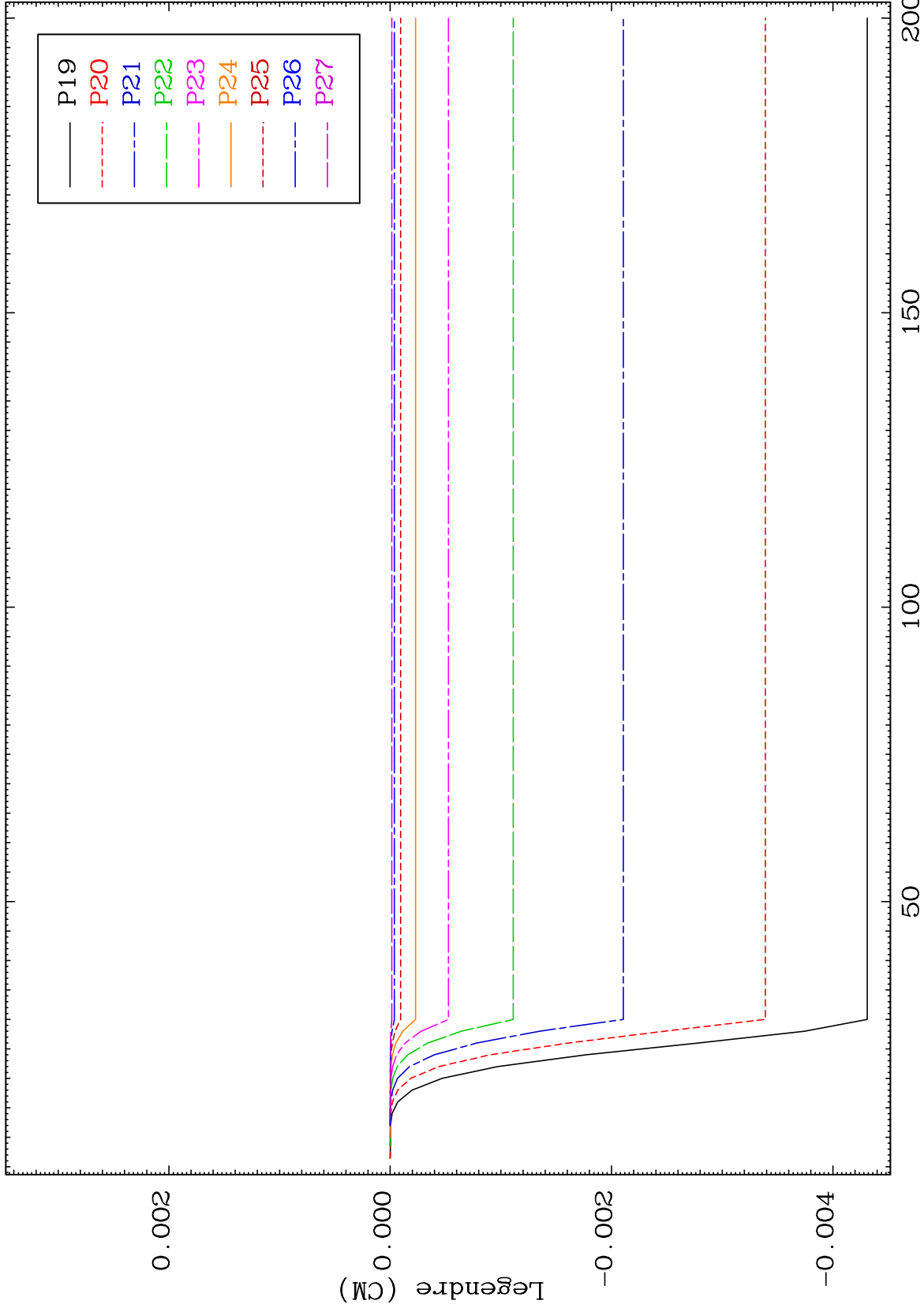
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



89

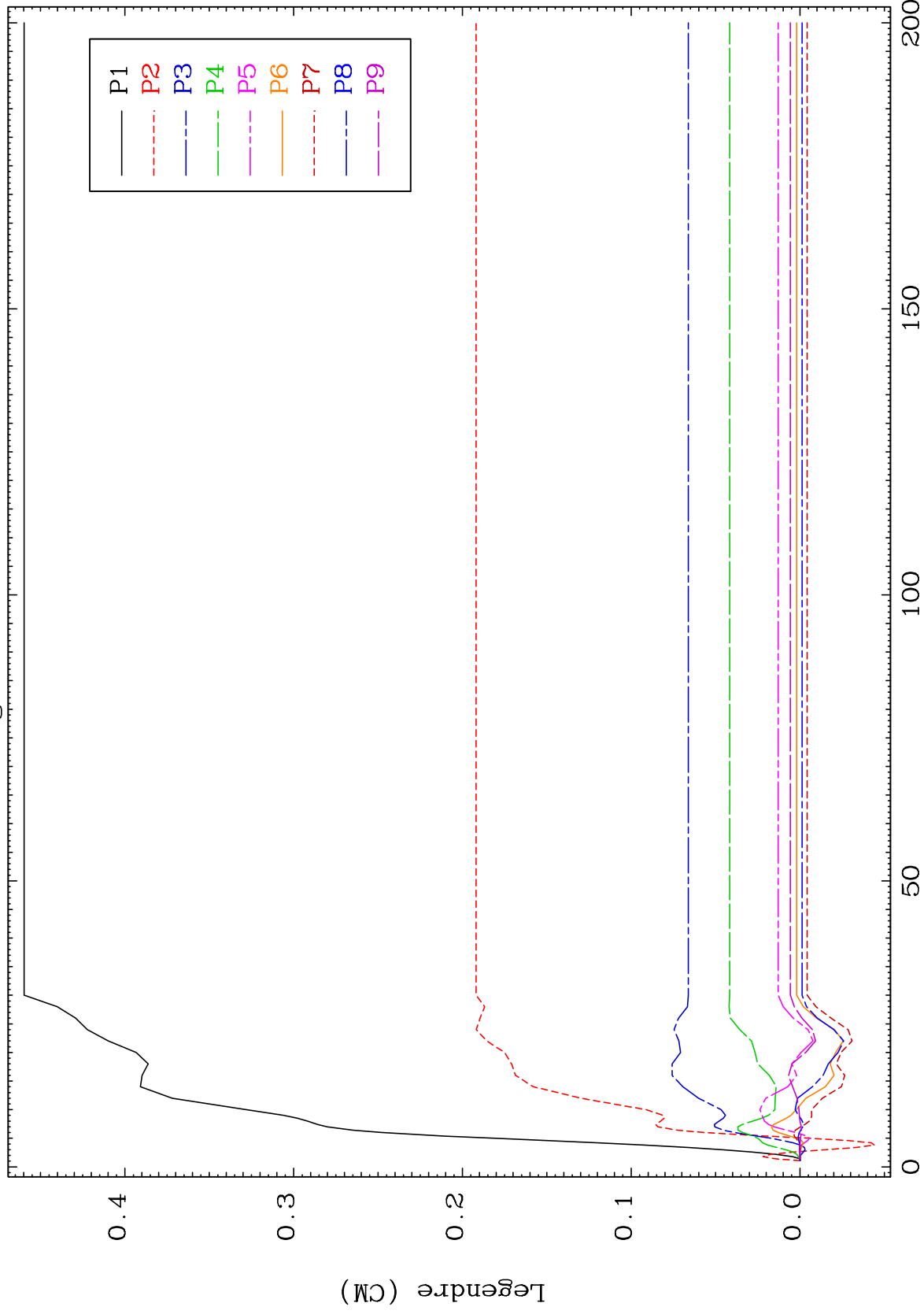
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



91

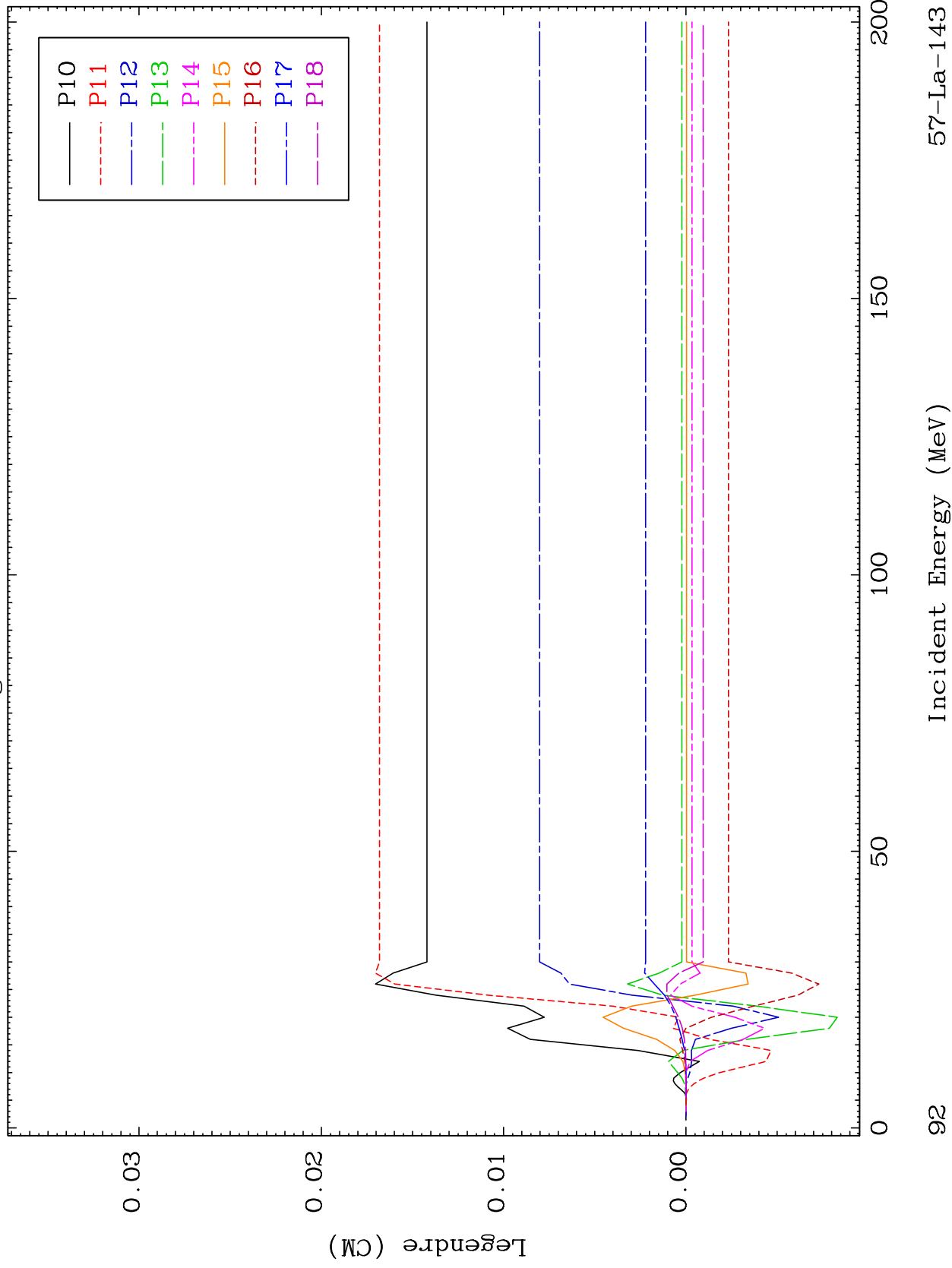
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

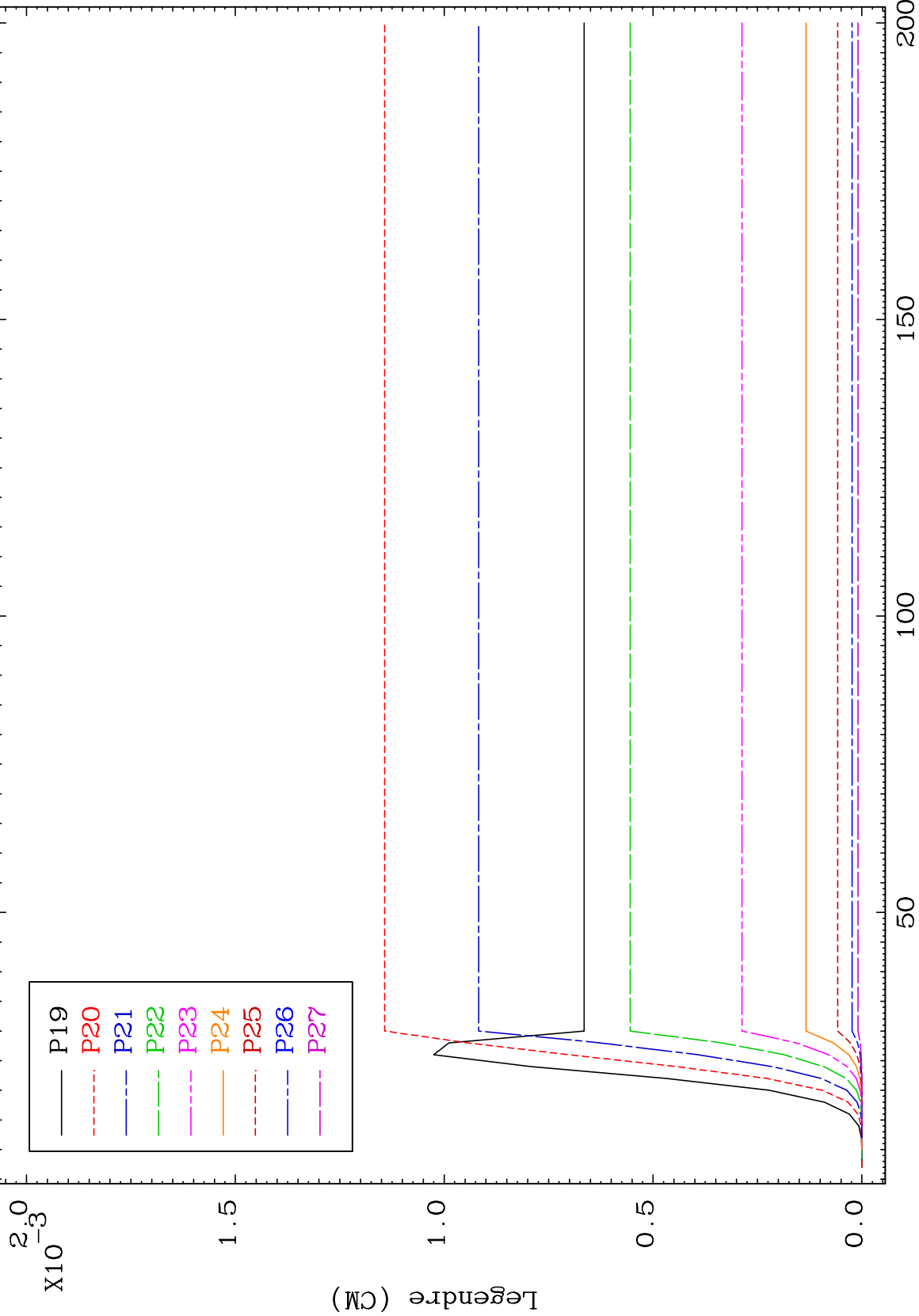
Incident Energy (MeV)

92

MAT 5740

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

57-La-143



93

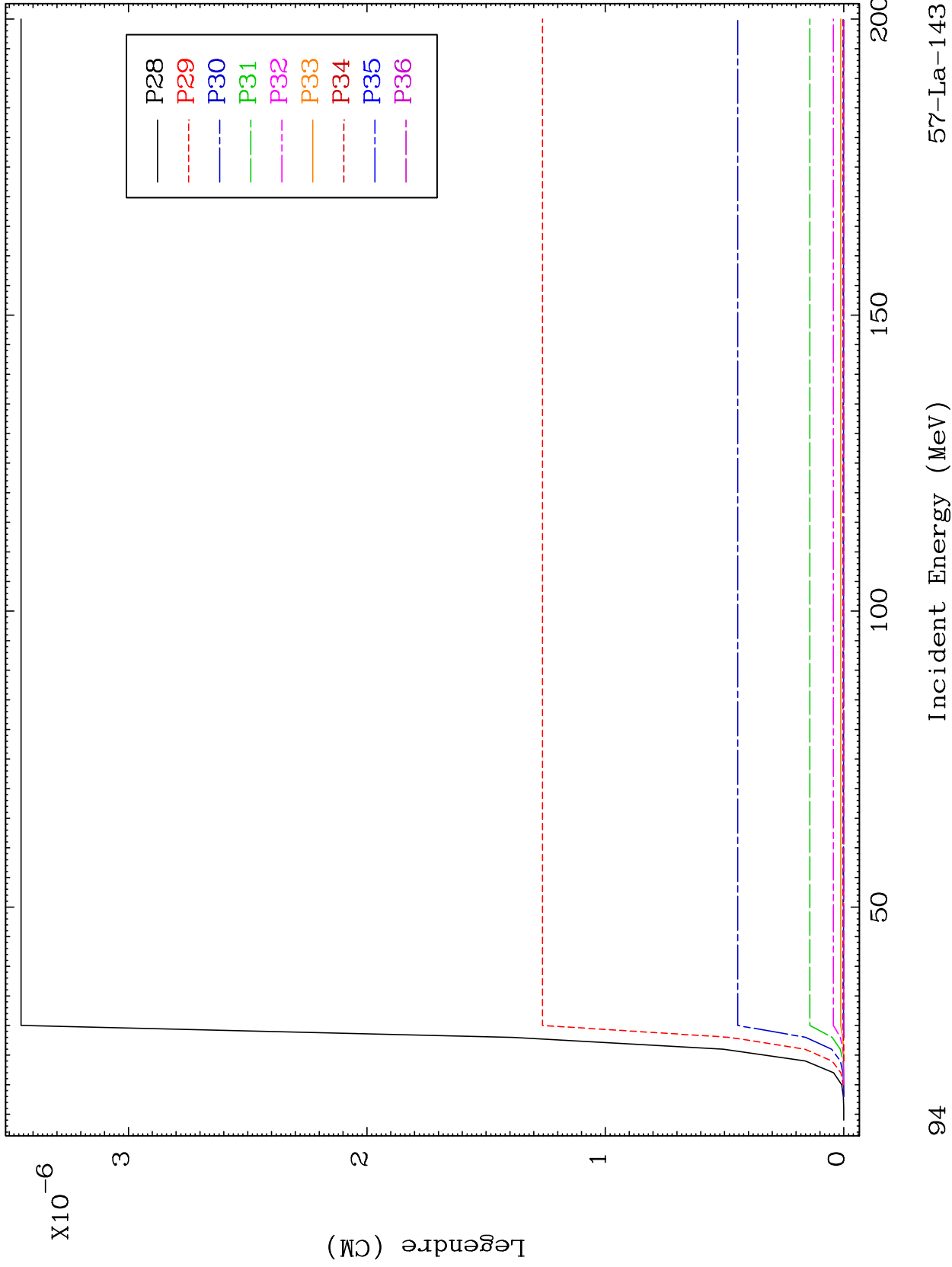
Incident Energy (MeV)

57-La-143

MAT 5740

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

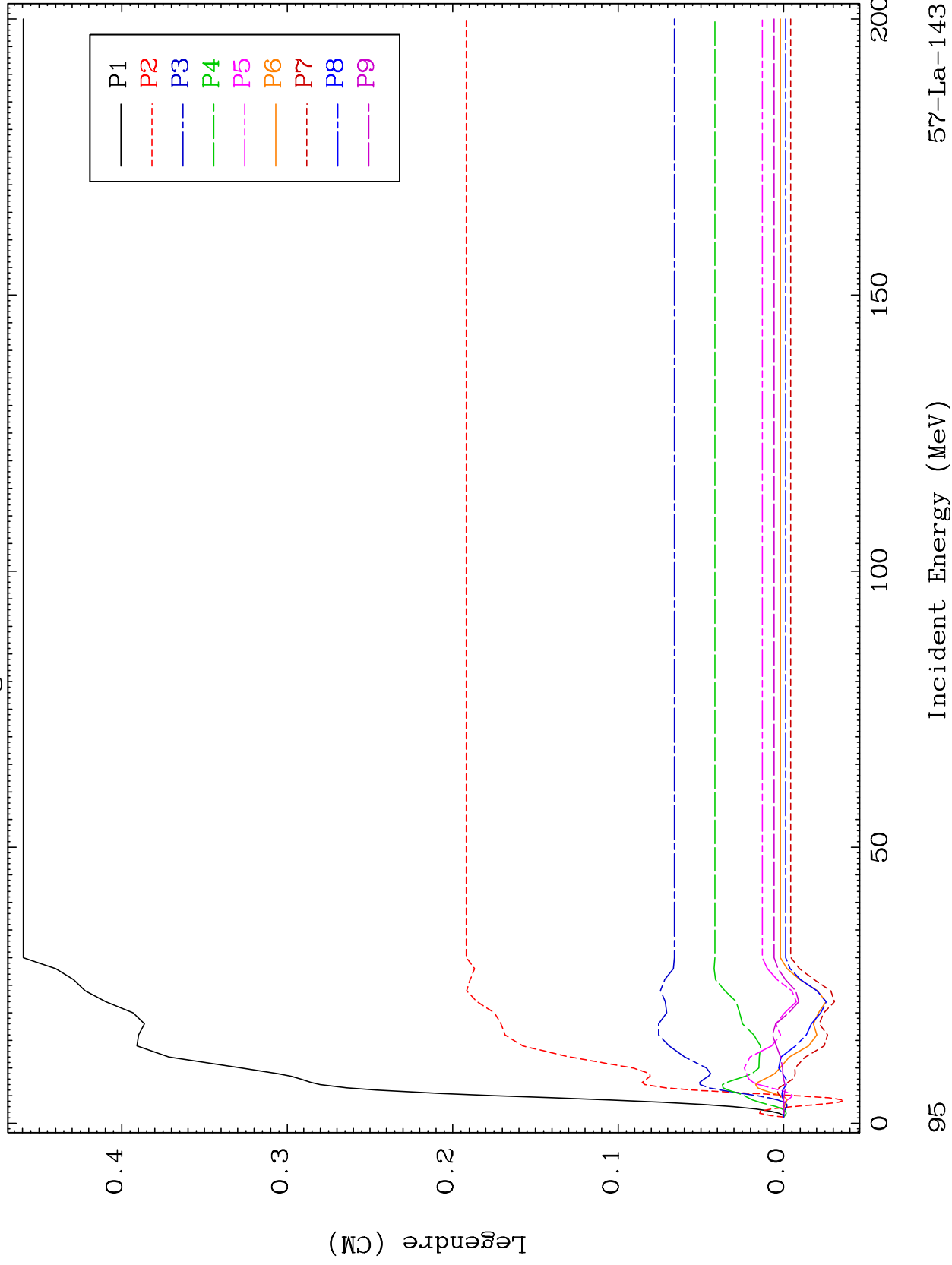
57-La-143



MAT 5740

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

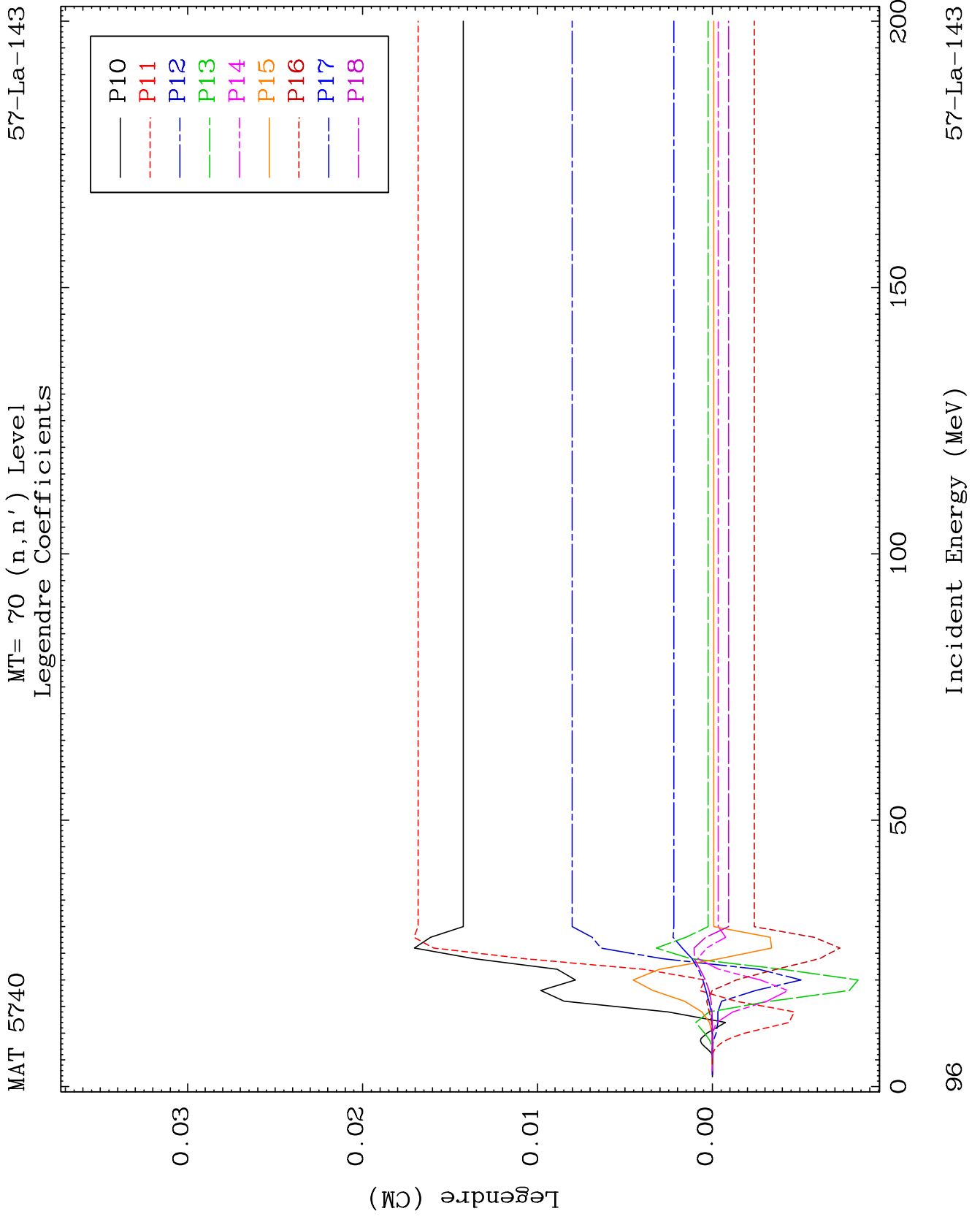
57-La-143



57-La-143

Incident Energy (MeV)

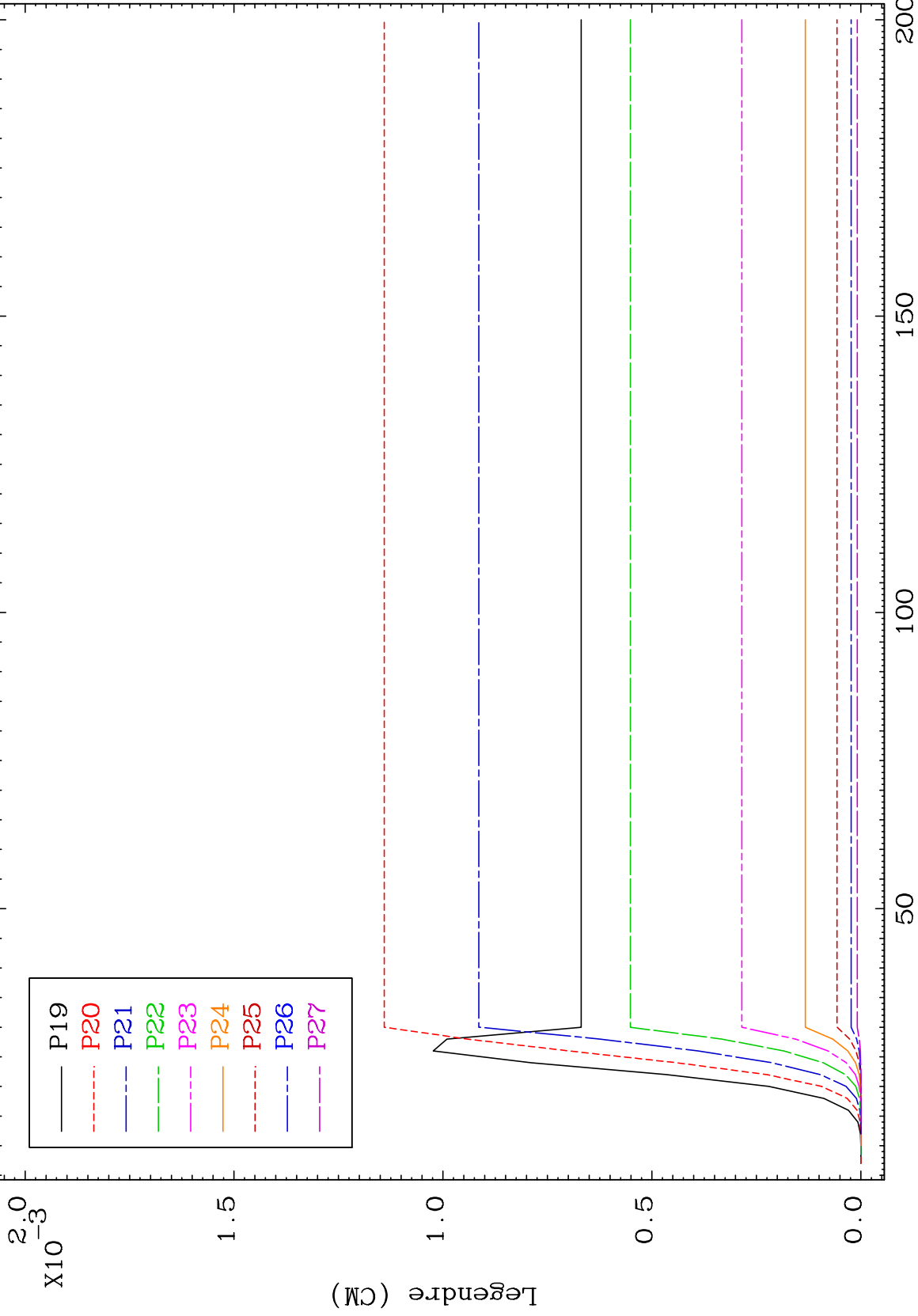
95



MAT 5740

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

57-La-143



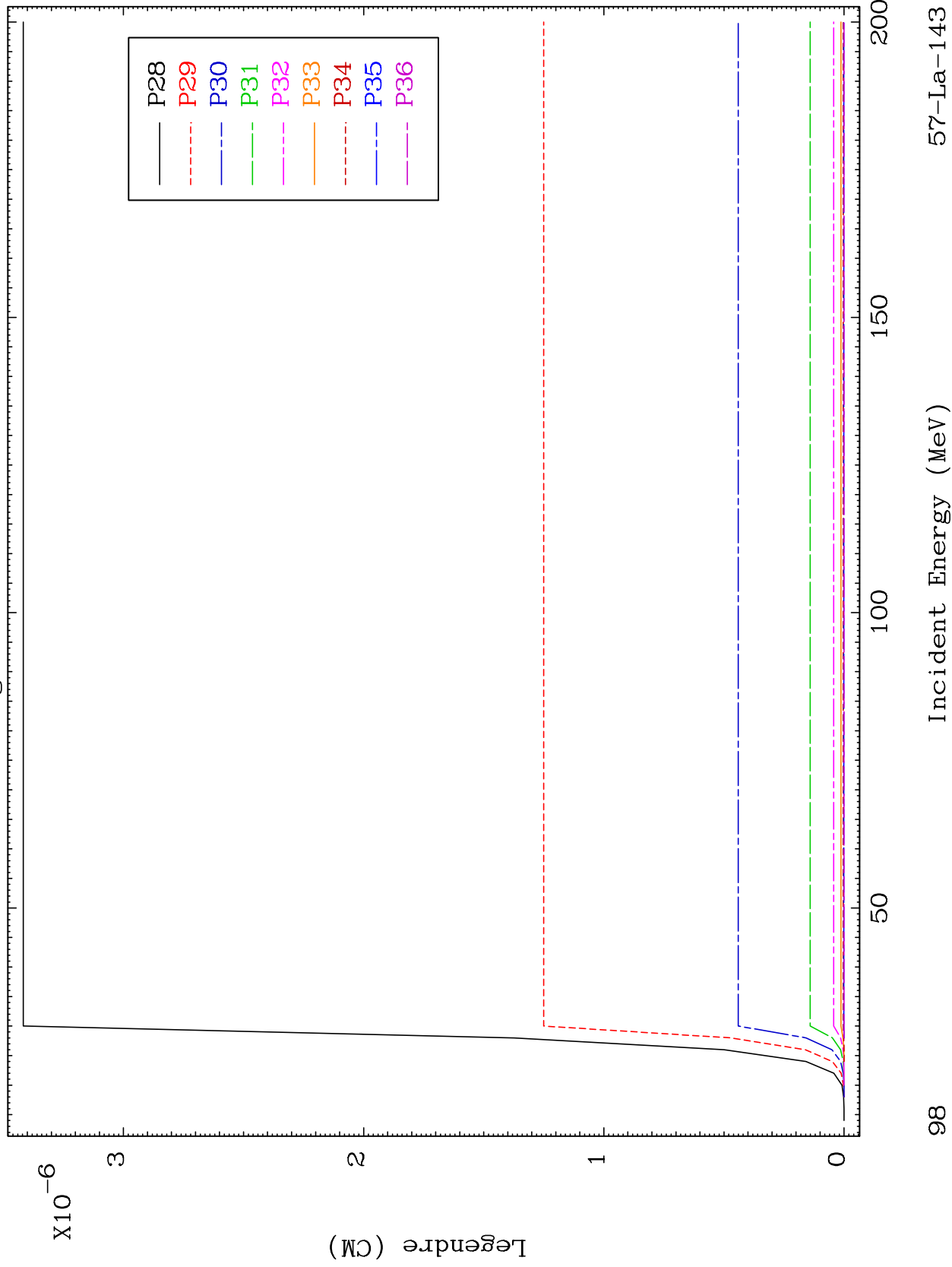
97

57-La-143

MAT 5740

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

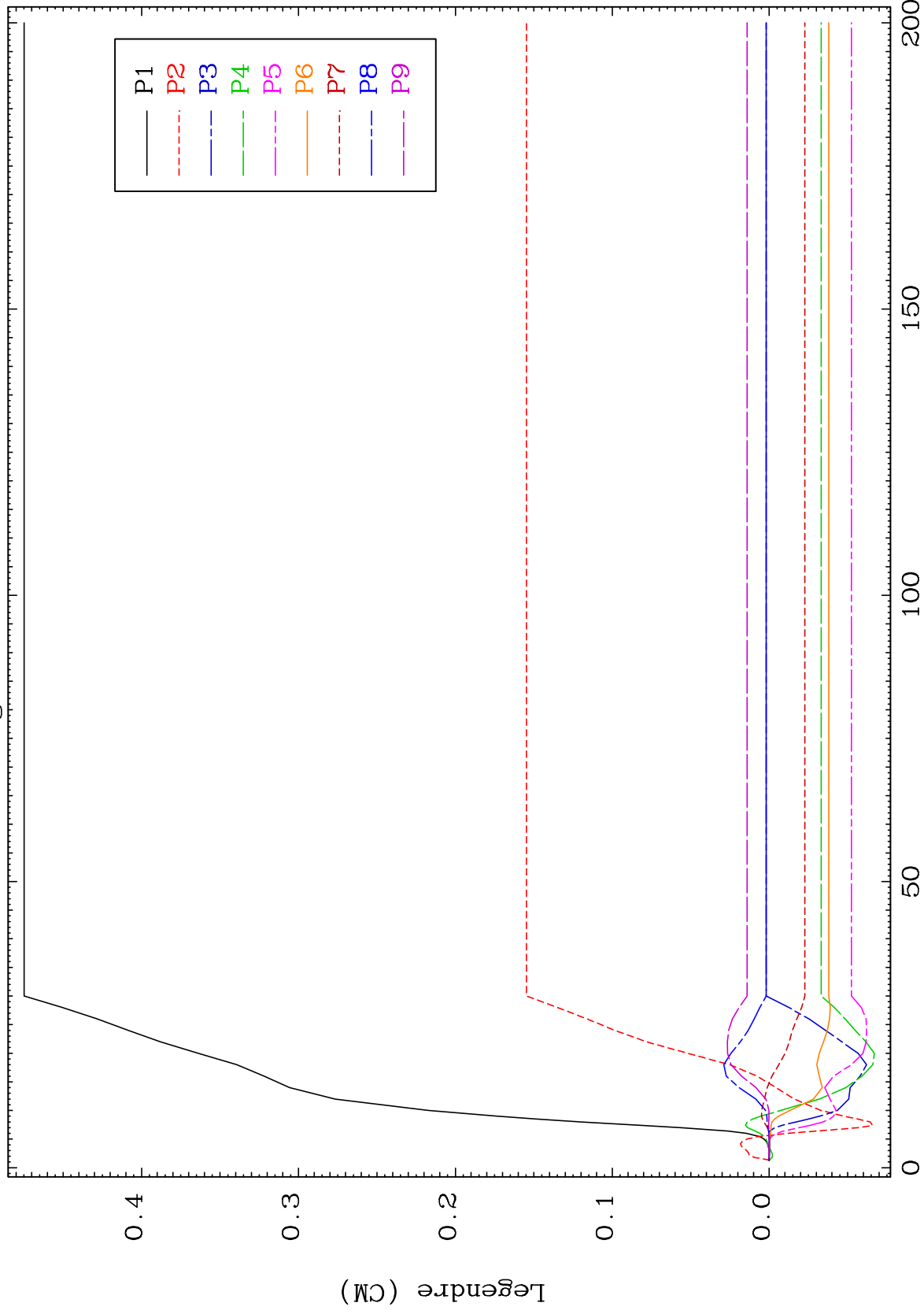
57-La-143



MAT 5740

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

57-La-143



99

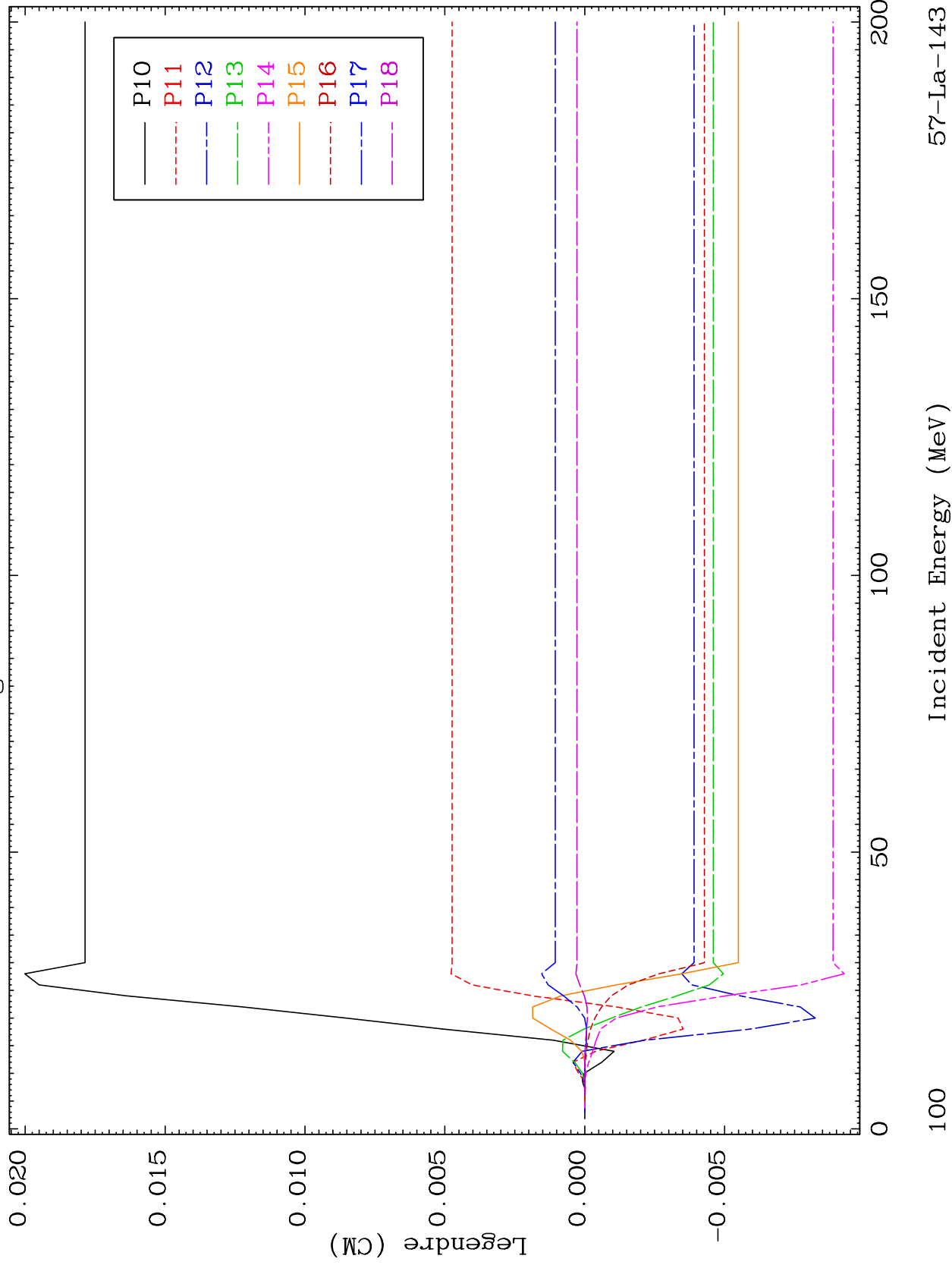
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

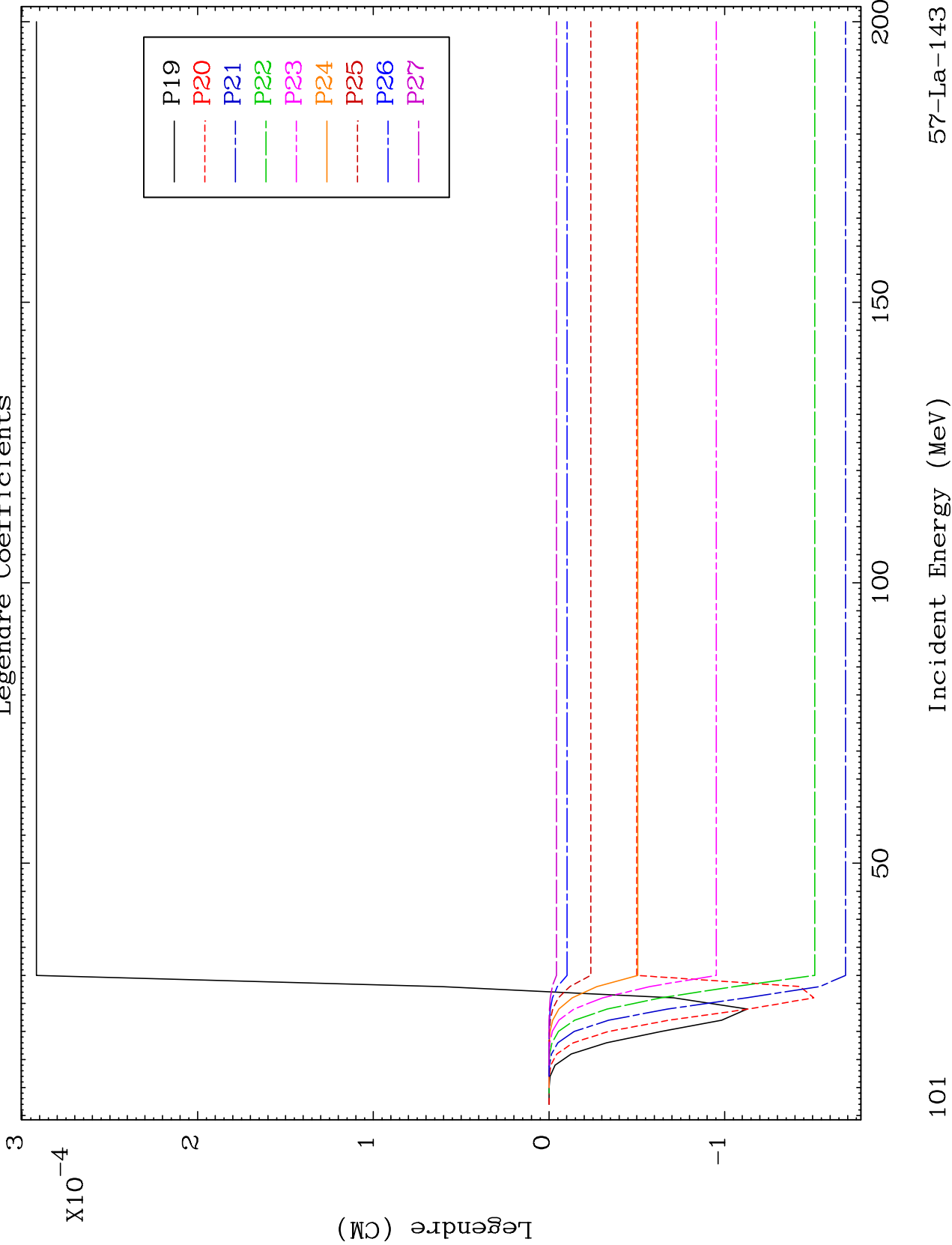
Incident Energy (MeV)

100

MAT 5740

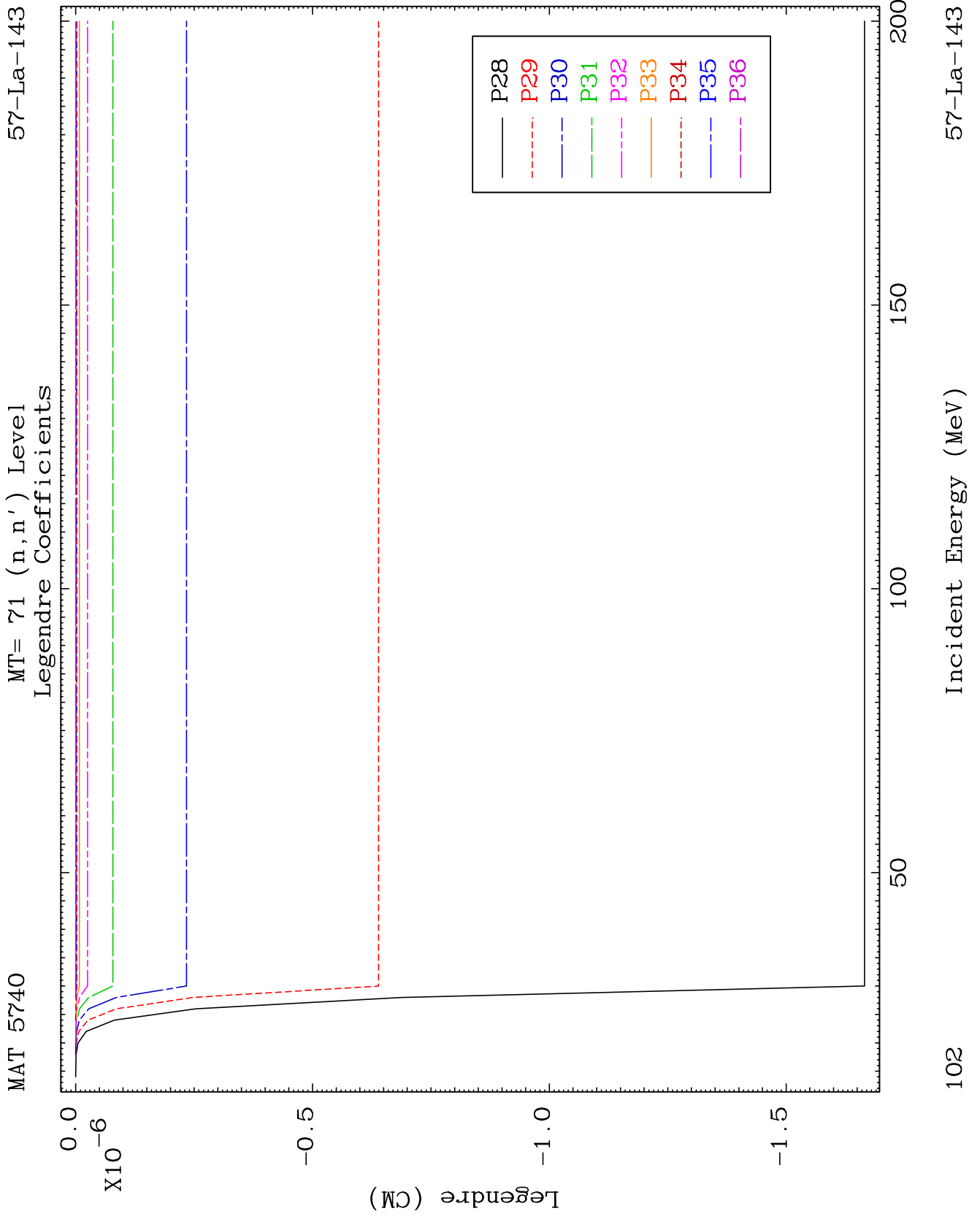
MT= 71 (n,n') Level
Legendre Coefficients

57-La-143



101

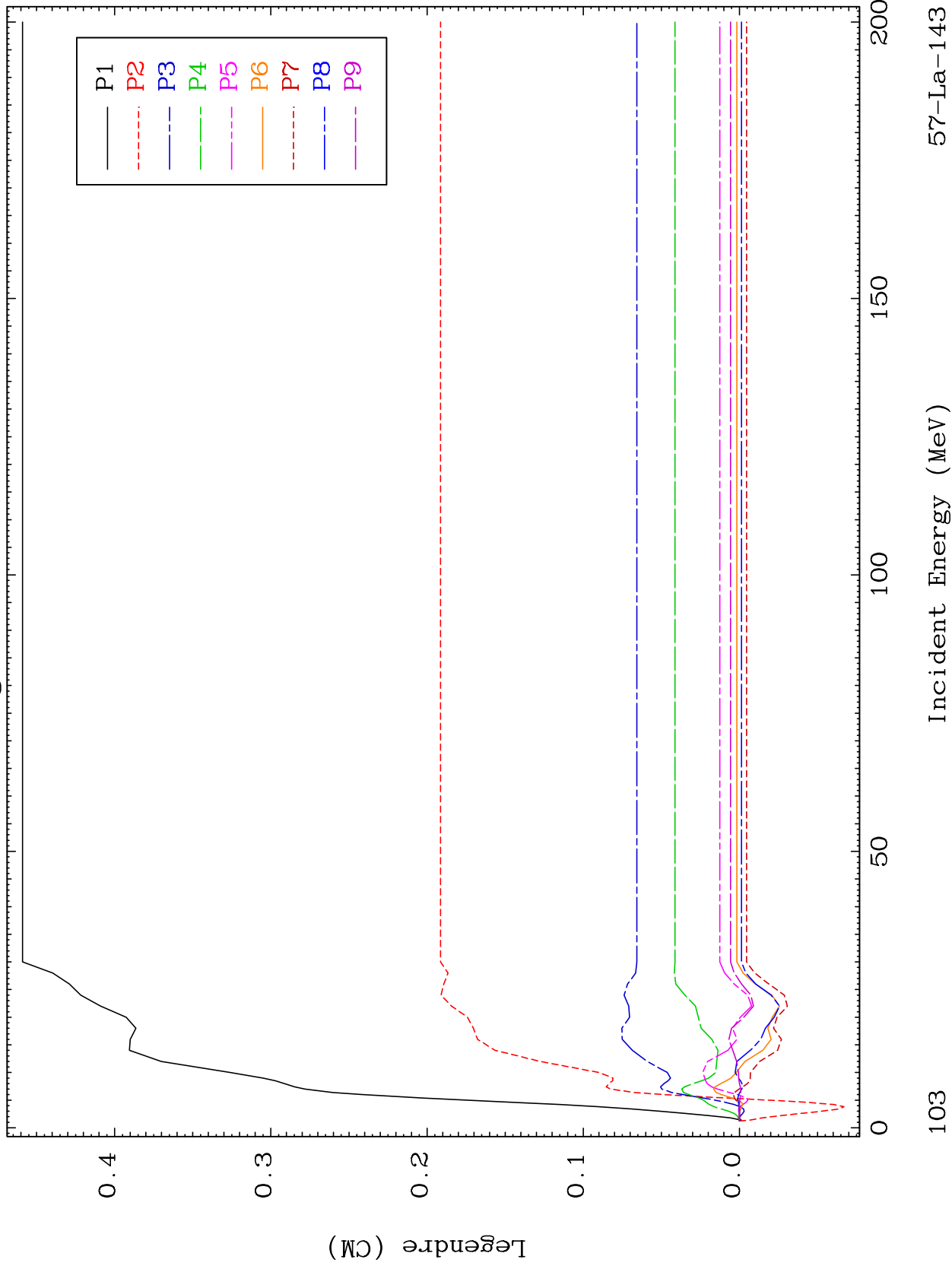
57-La-143



MAT 5740

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

57-La-143



57-La-143

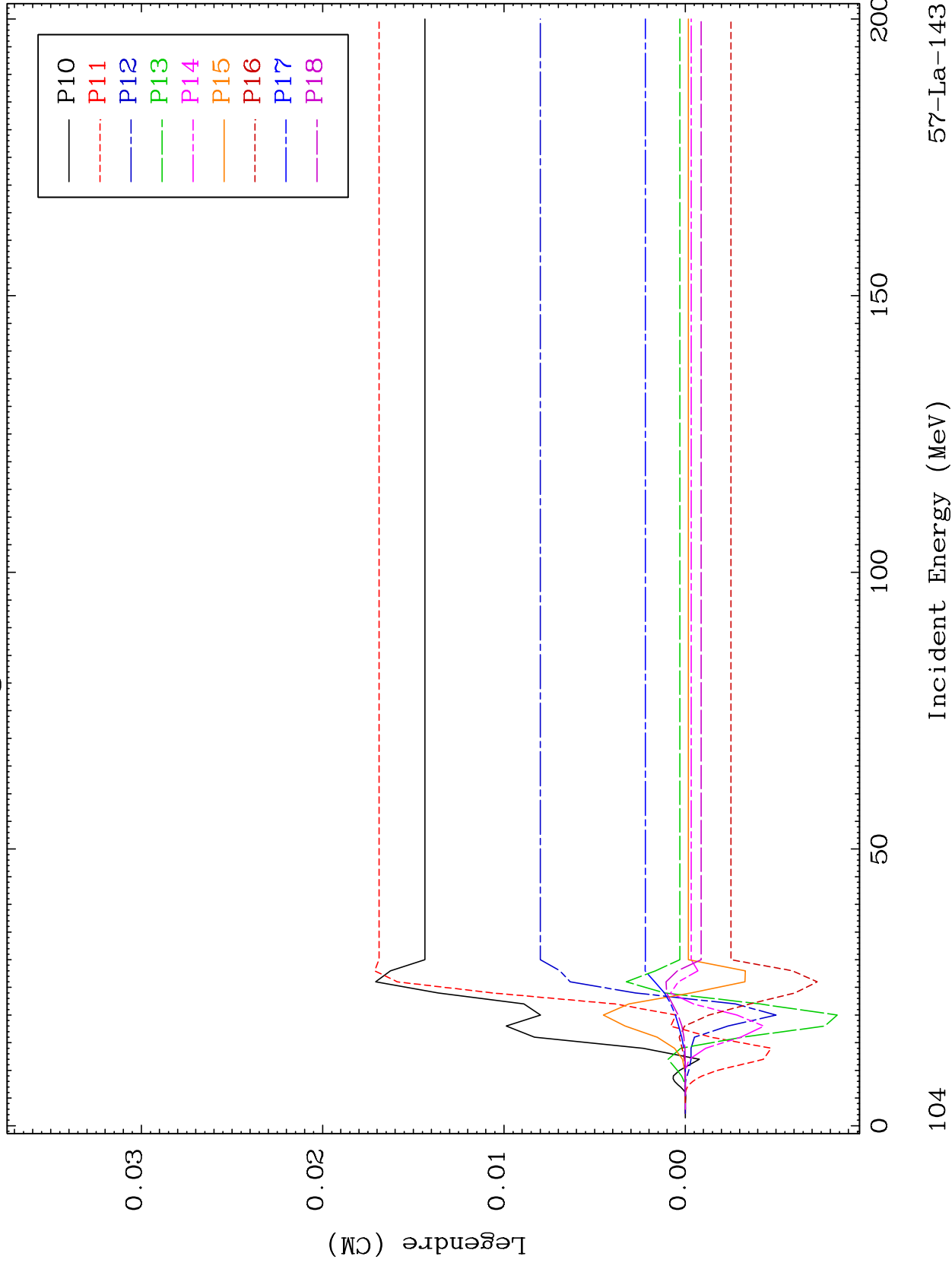
Incident Energy (MeV)

103

MAT 5740

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

57-La-143



57-La-143

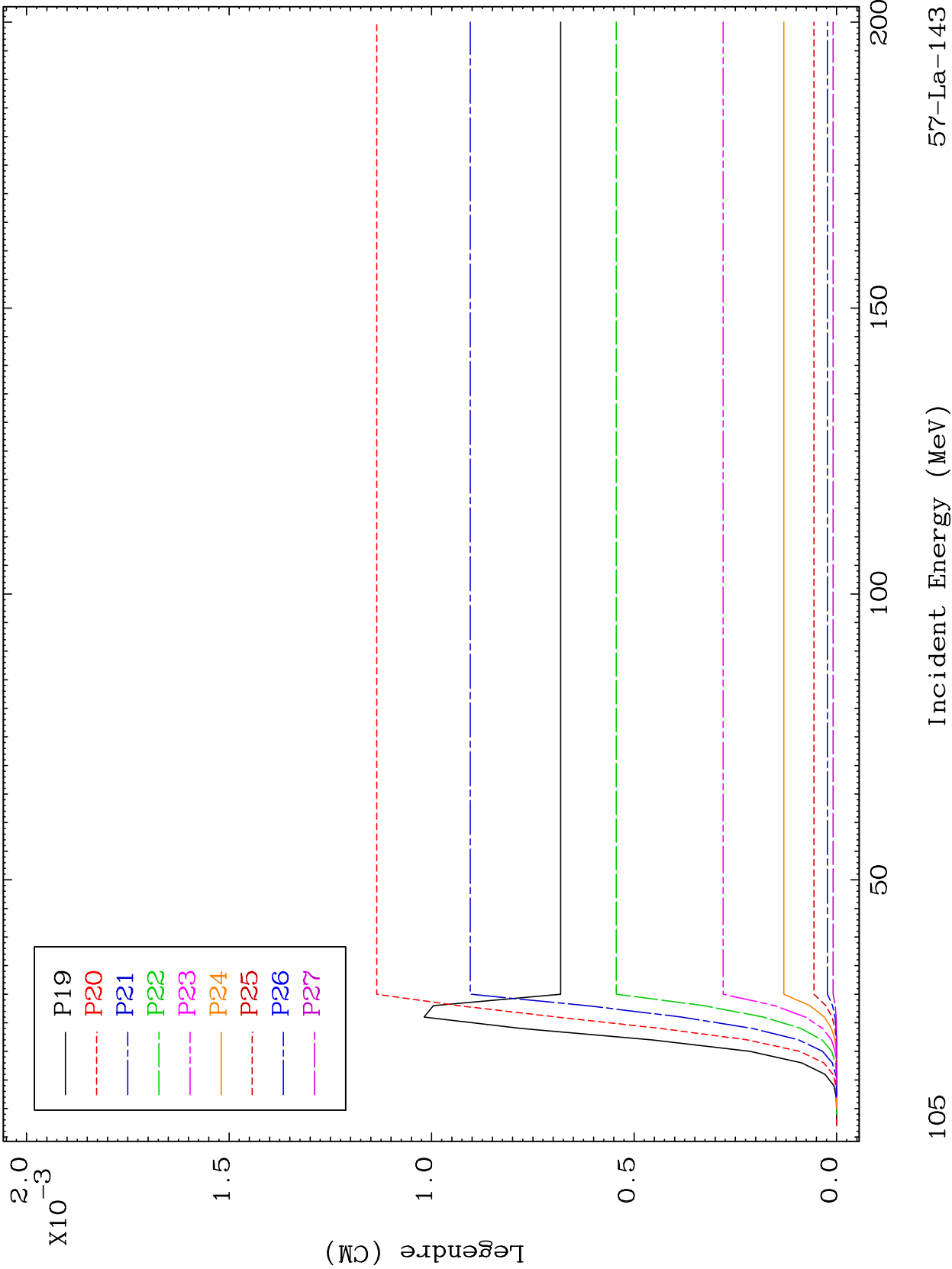
Incident Energy (MeV)

104

MAT 5740

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

57-La-143



105

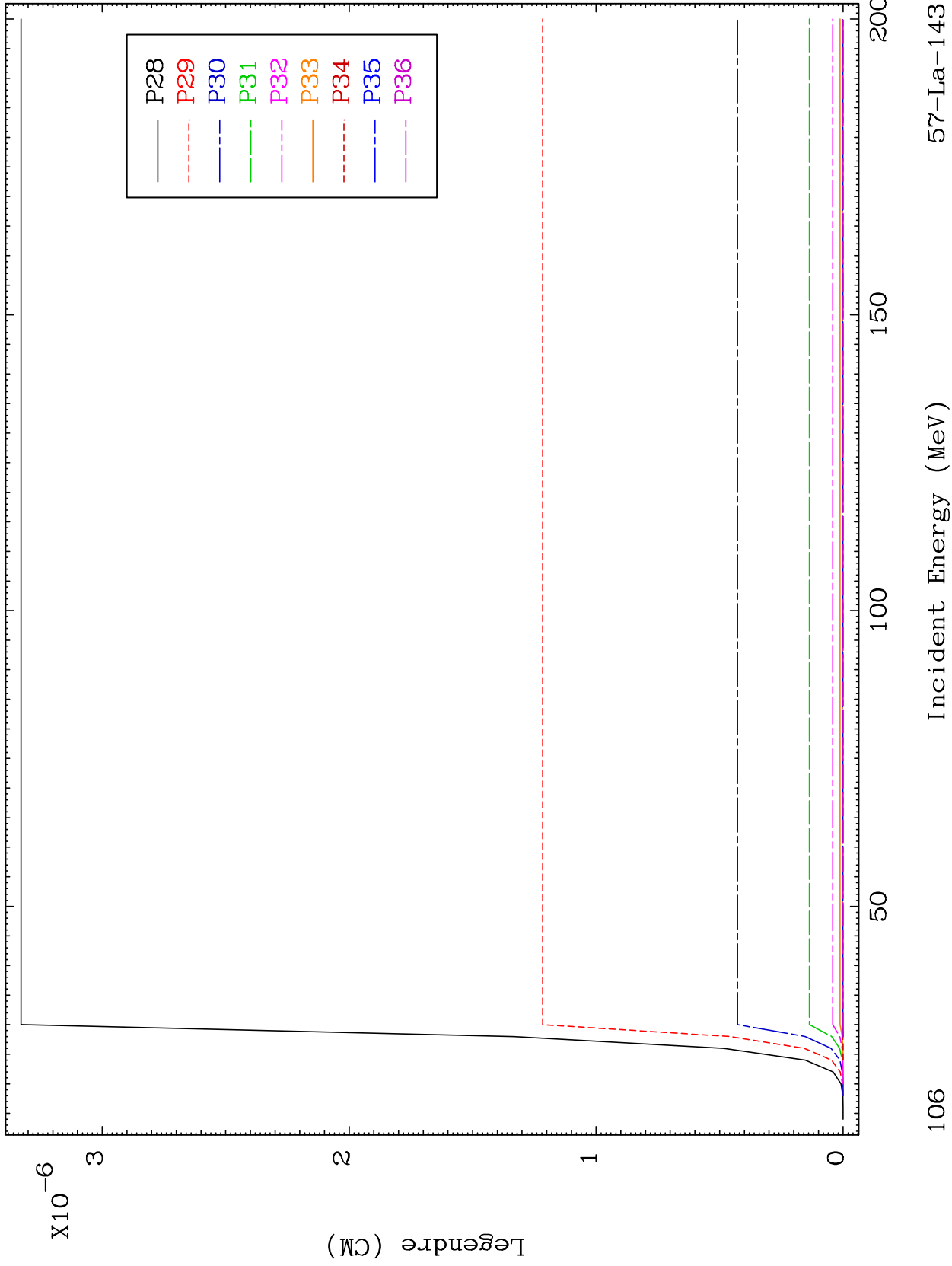
Incident Energy (MeV)

57-La-143

MAT 5740

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

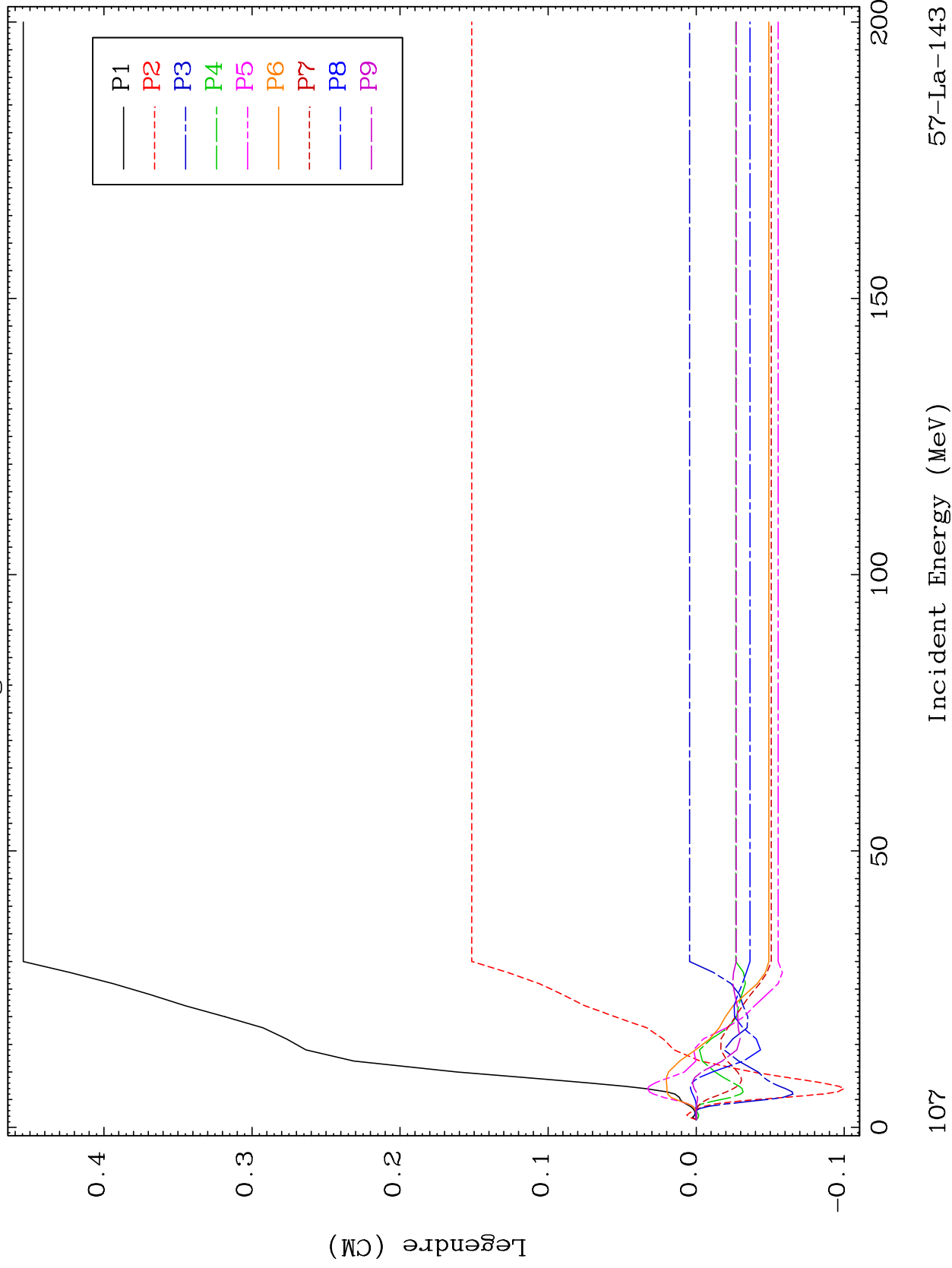
57-La-143



MAT 5740

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

57-La-143



57-La-143

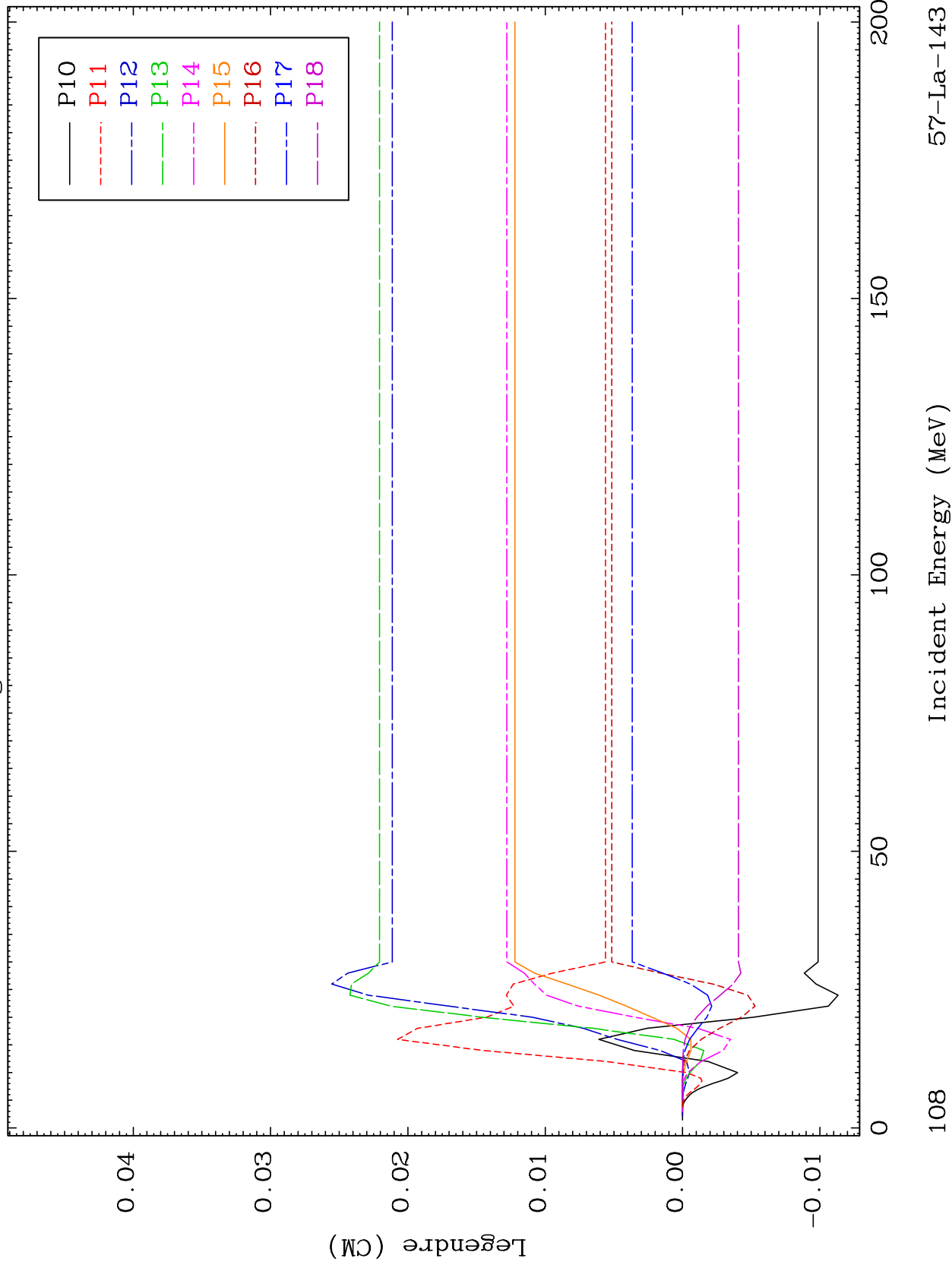
Incident Energy (MeV)

107

MAT 5740

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

57-La-143



57-La-143

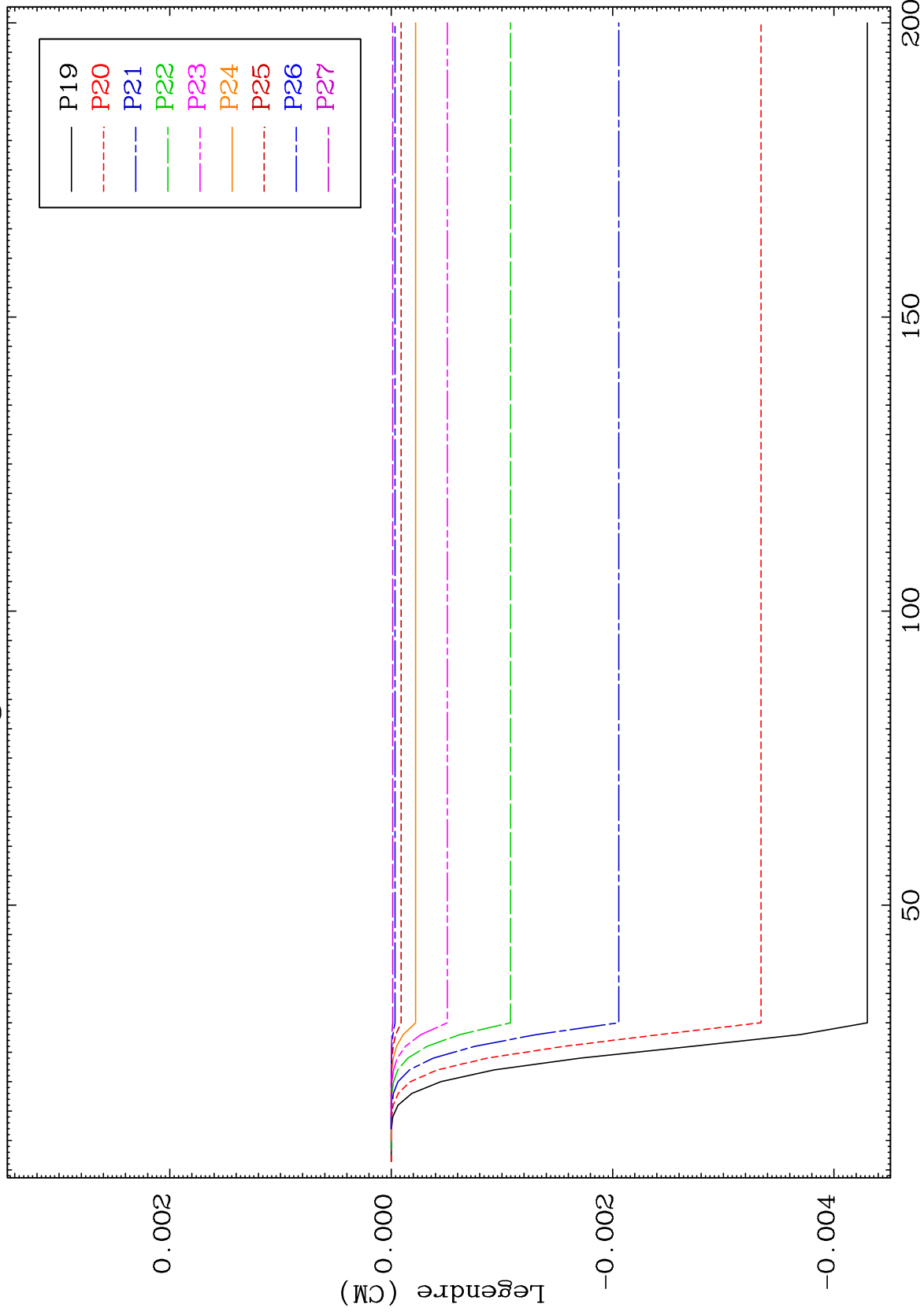
Incident Energy (MeV)

108

MAT 5740

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

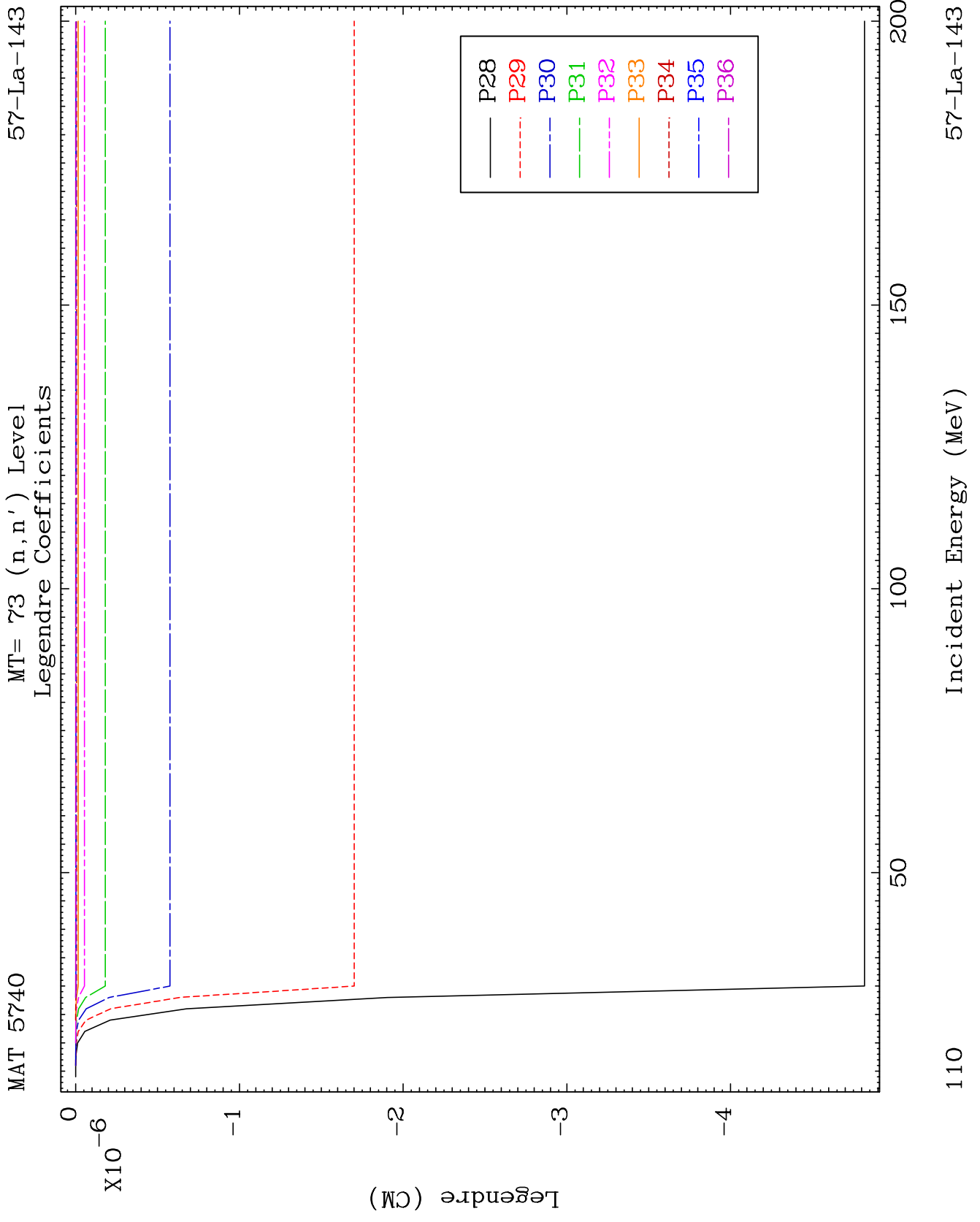
57-La-143



109

Incident Energy (MeV)

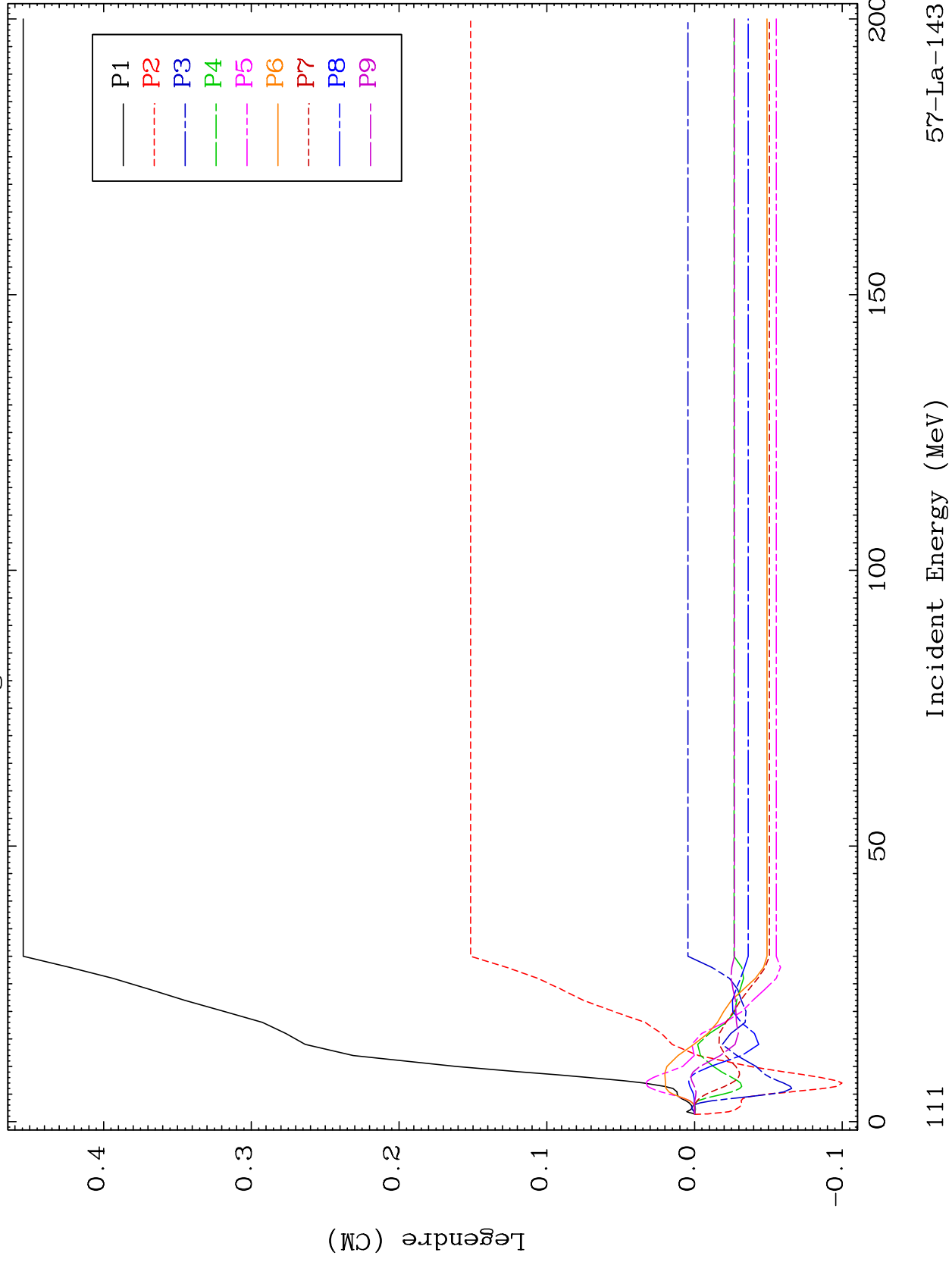
57-La-143



MAT 5740

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

57-La-143



57-La-143

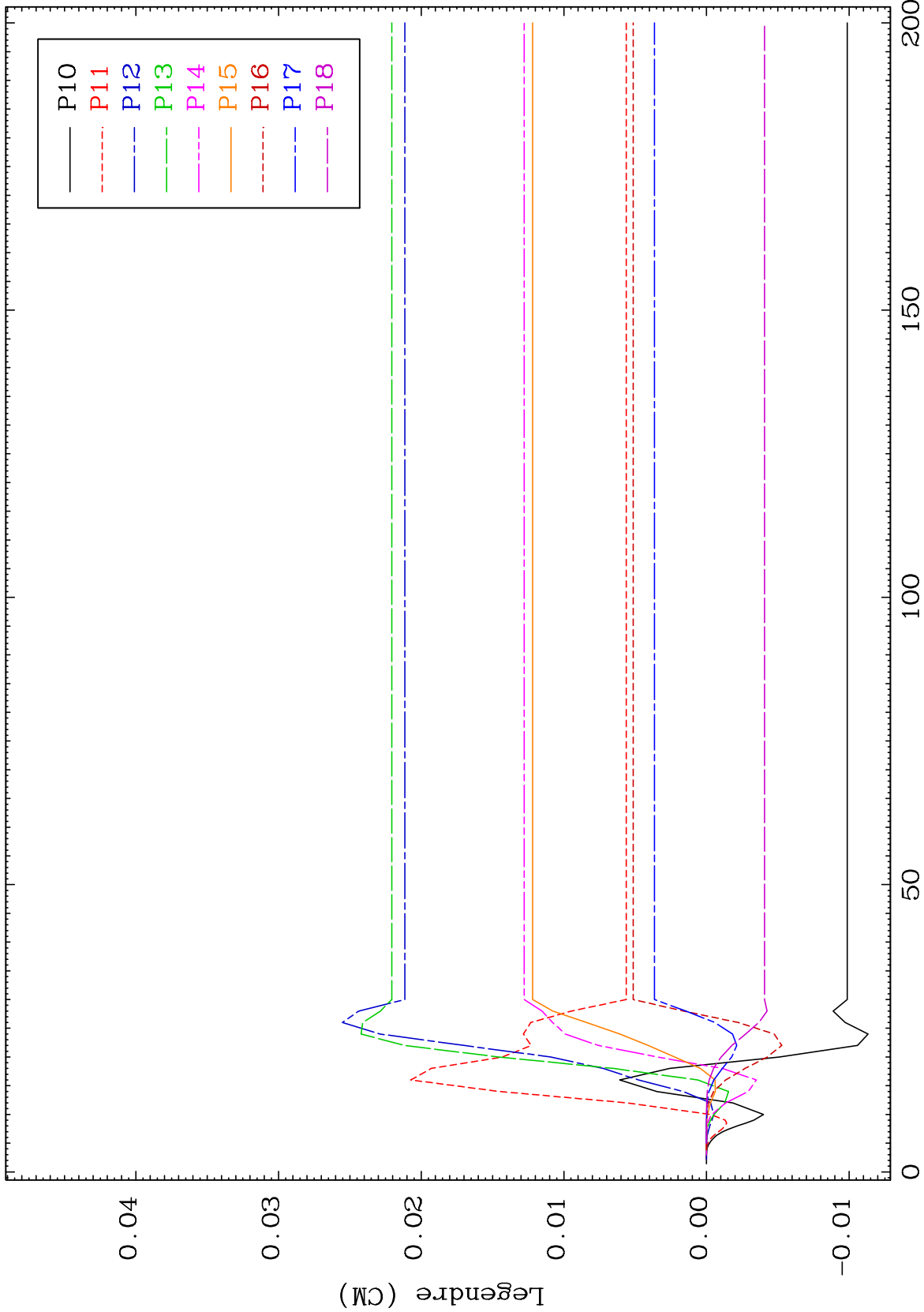
Incident Energy (MeV)

111

MAT 5740

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

57-La-143



112

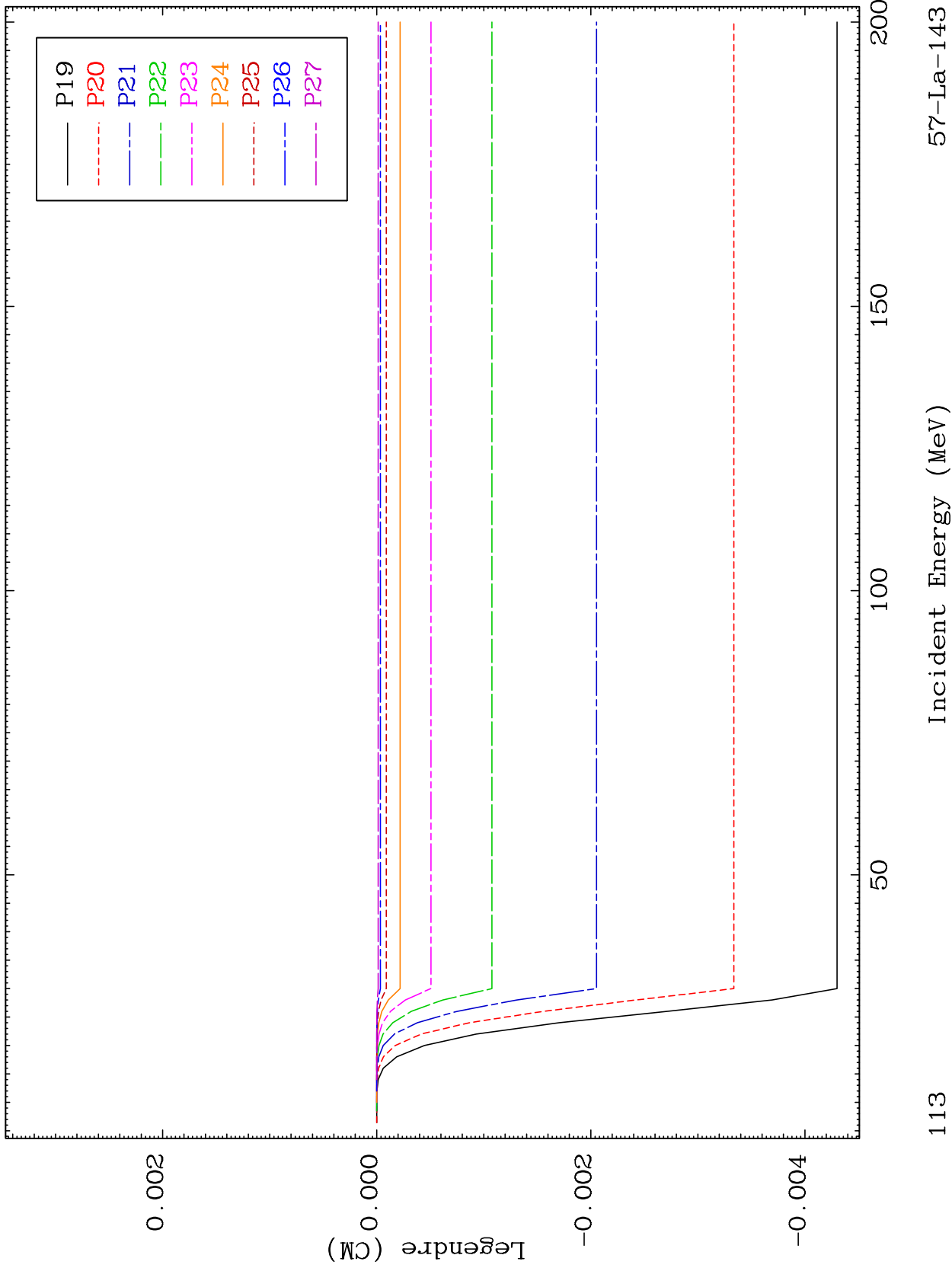
Incident Energy (MeV)

57-La-143

MAT 5740

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

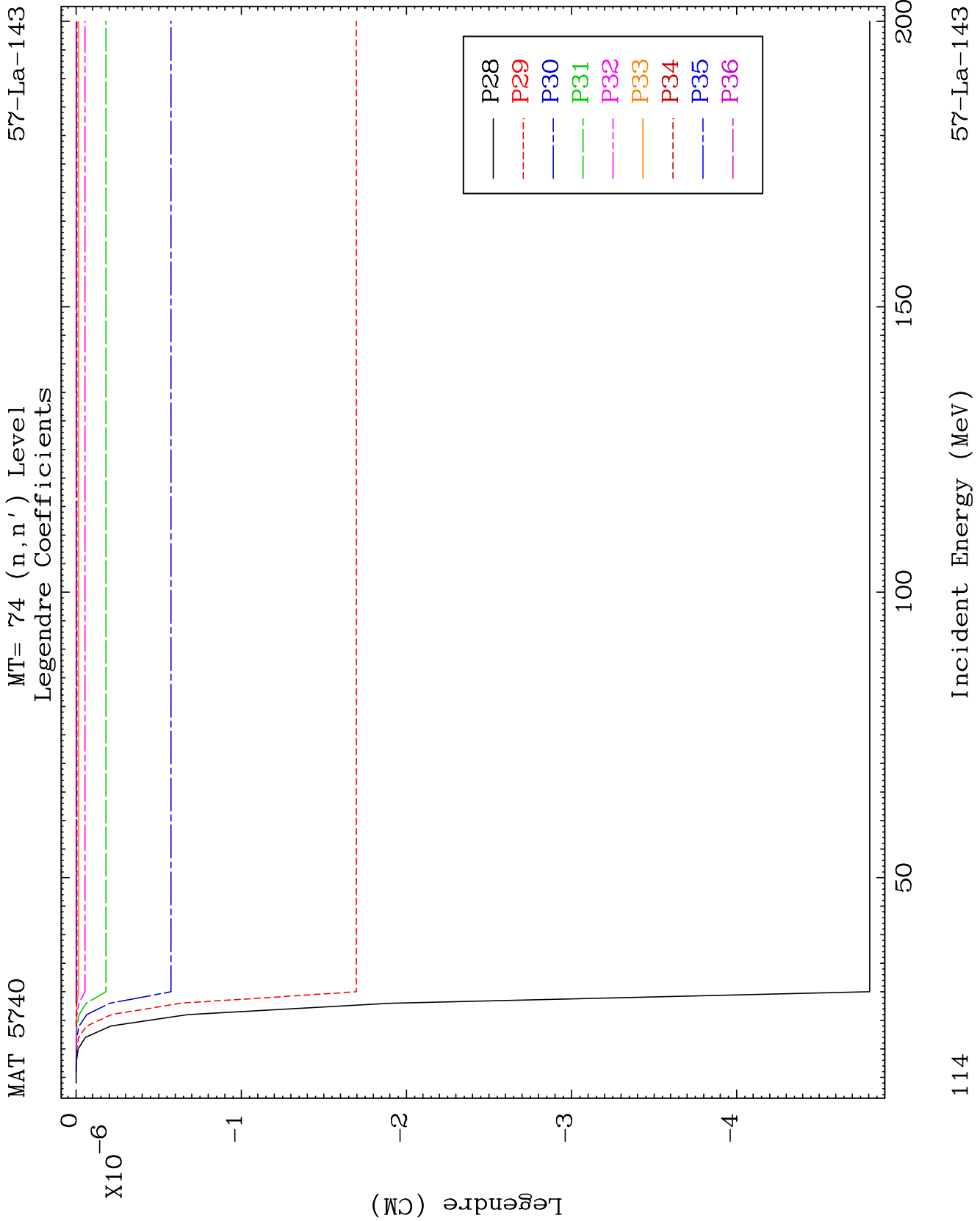
57-La-143



113

Incident Energy (MeV)

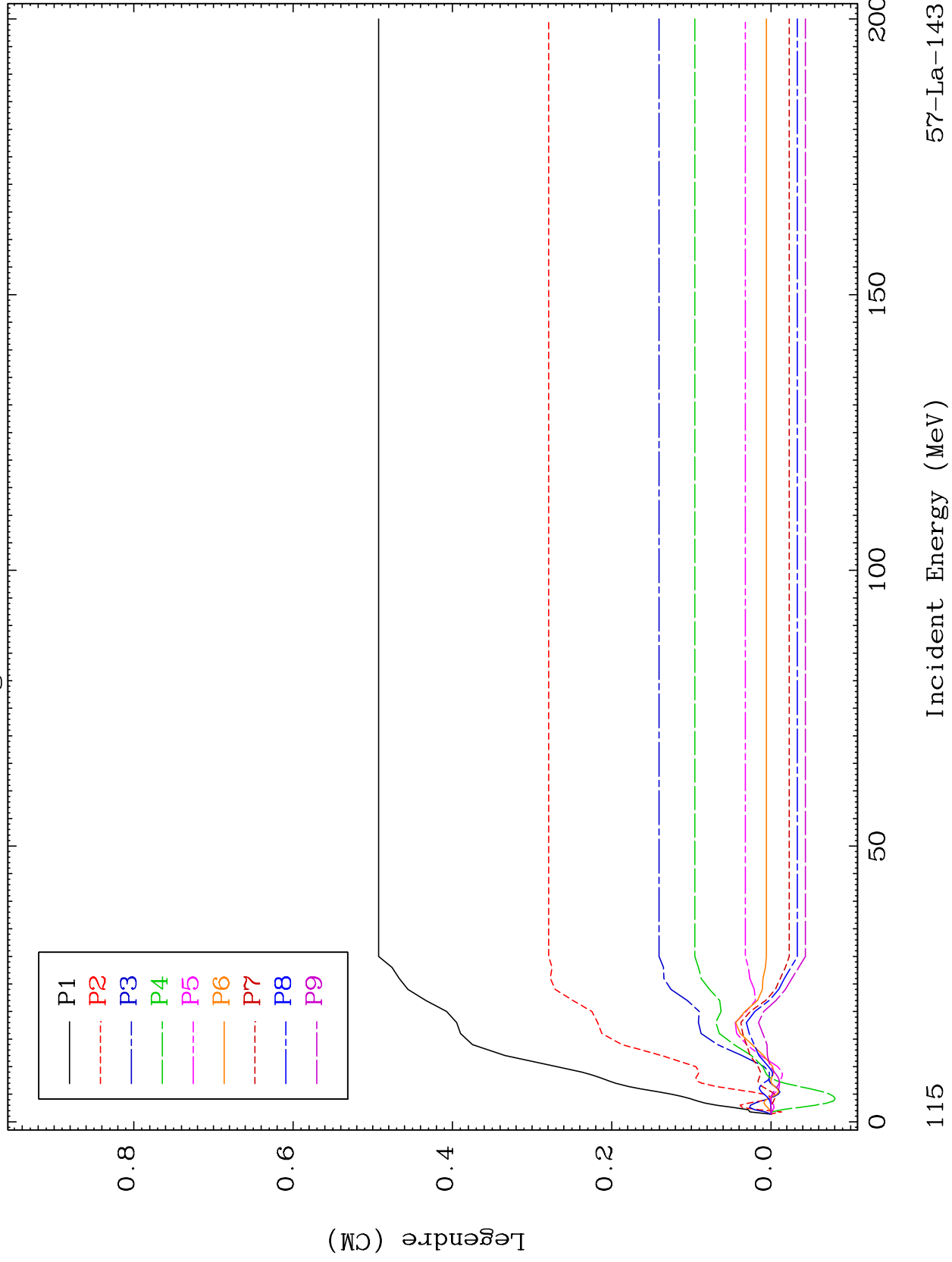
57-La-143

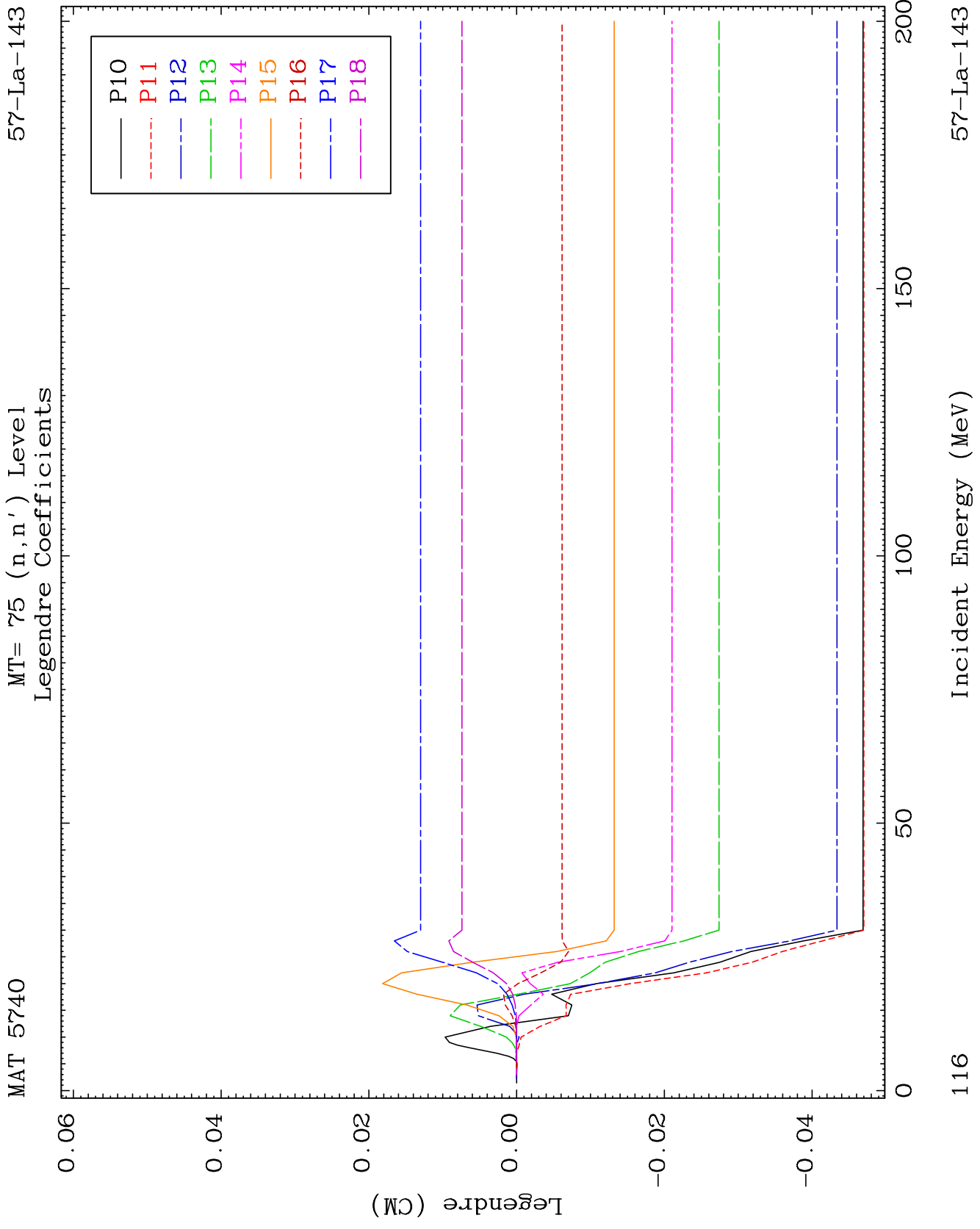


MAT 5740

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

57-La-143

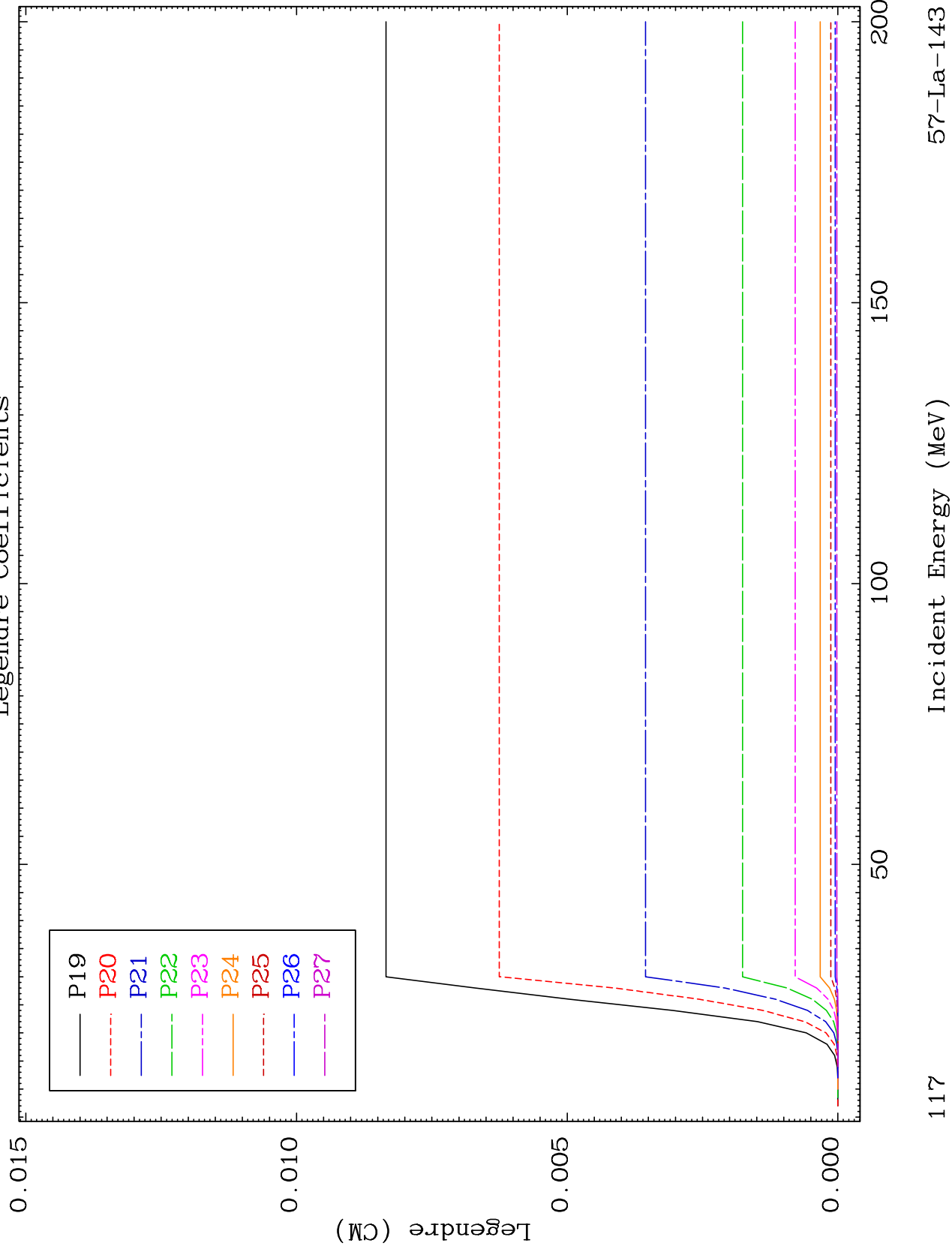




MAT 5740

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

57-La-143



117

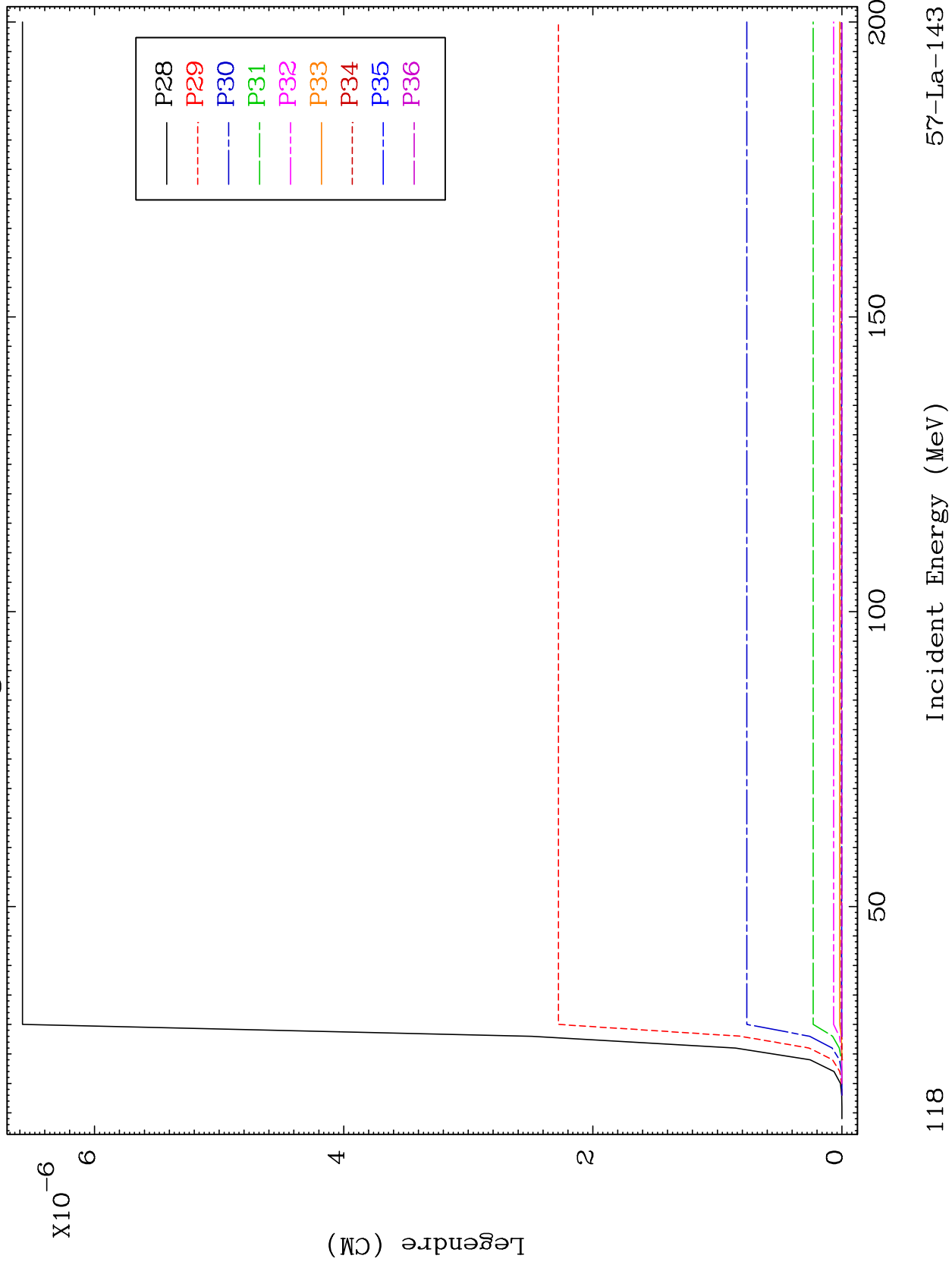
Incident Energy (MeV)

57-La-143

MAT 5740

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

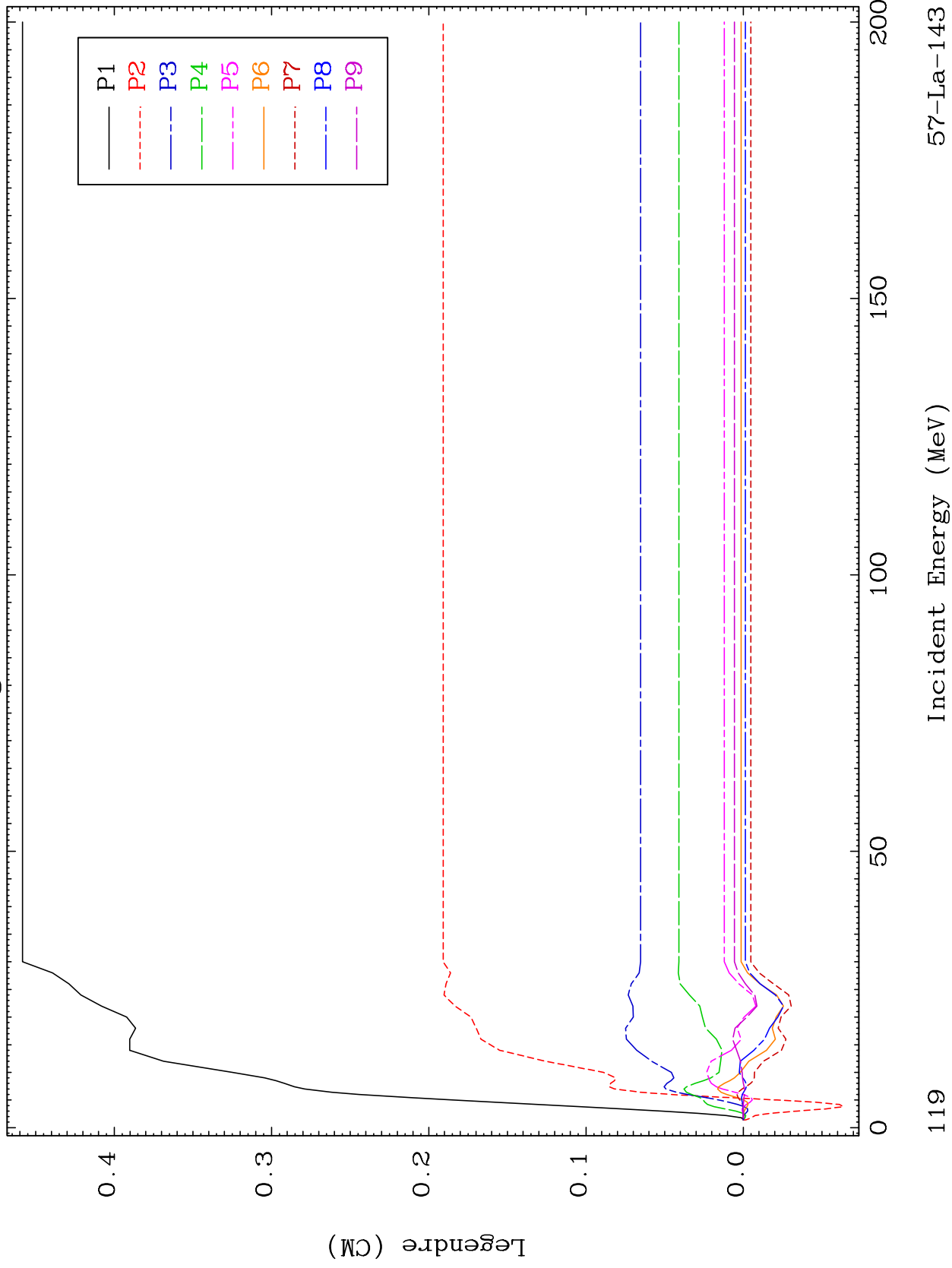
57-La-143



MAT 5740

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

57-La-143



57-La-143

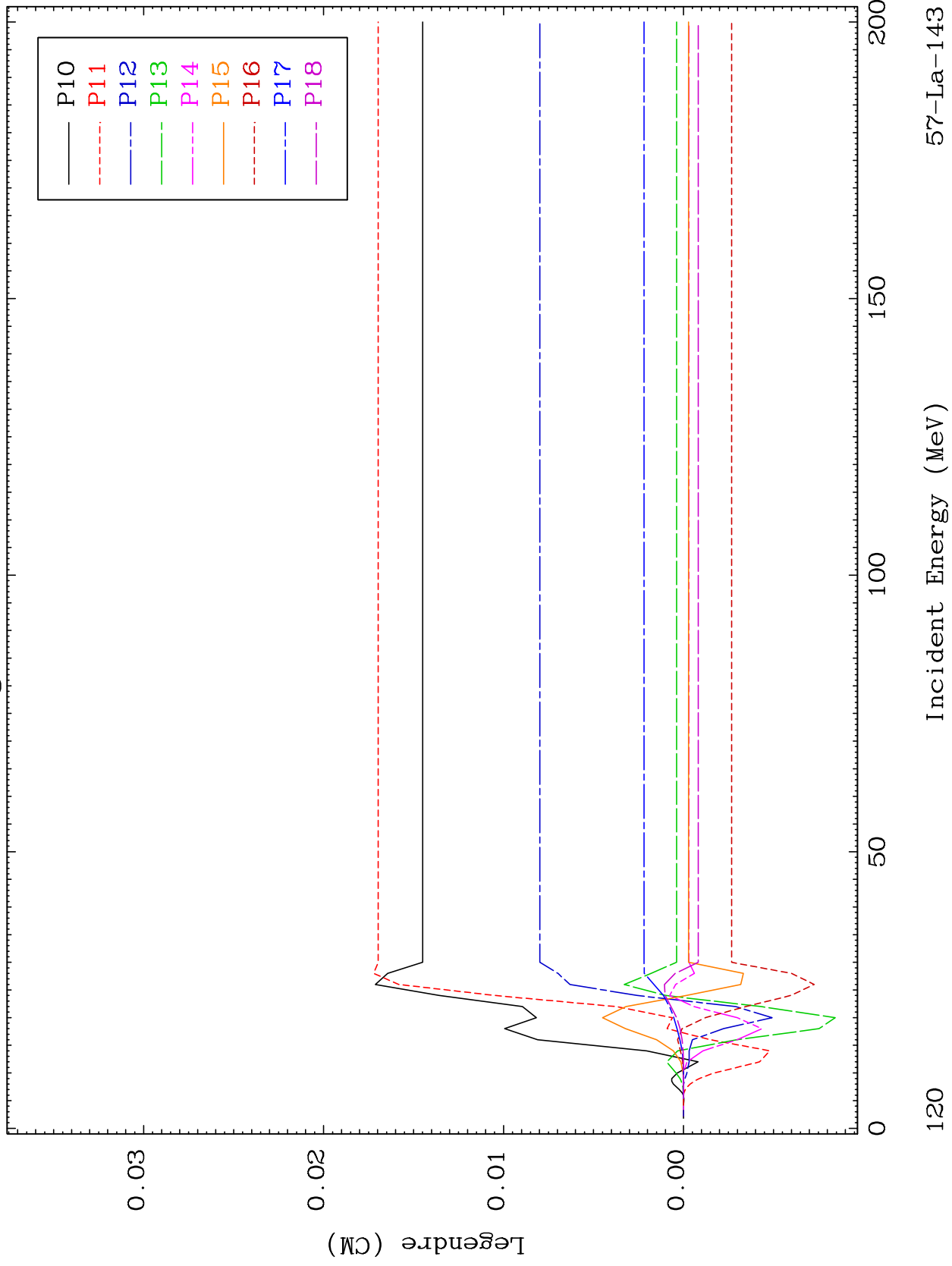
Incident Energy (MeV)

119

MAT 5740

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

57-La-143

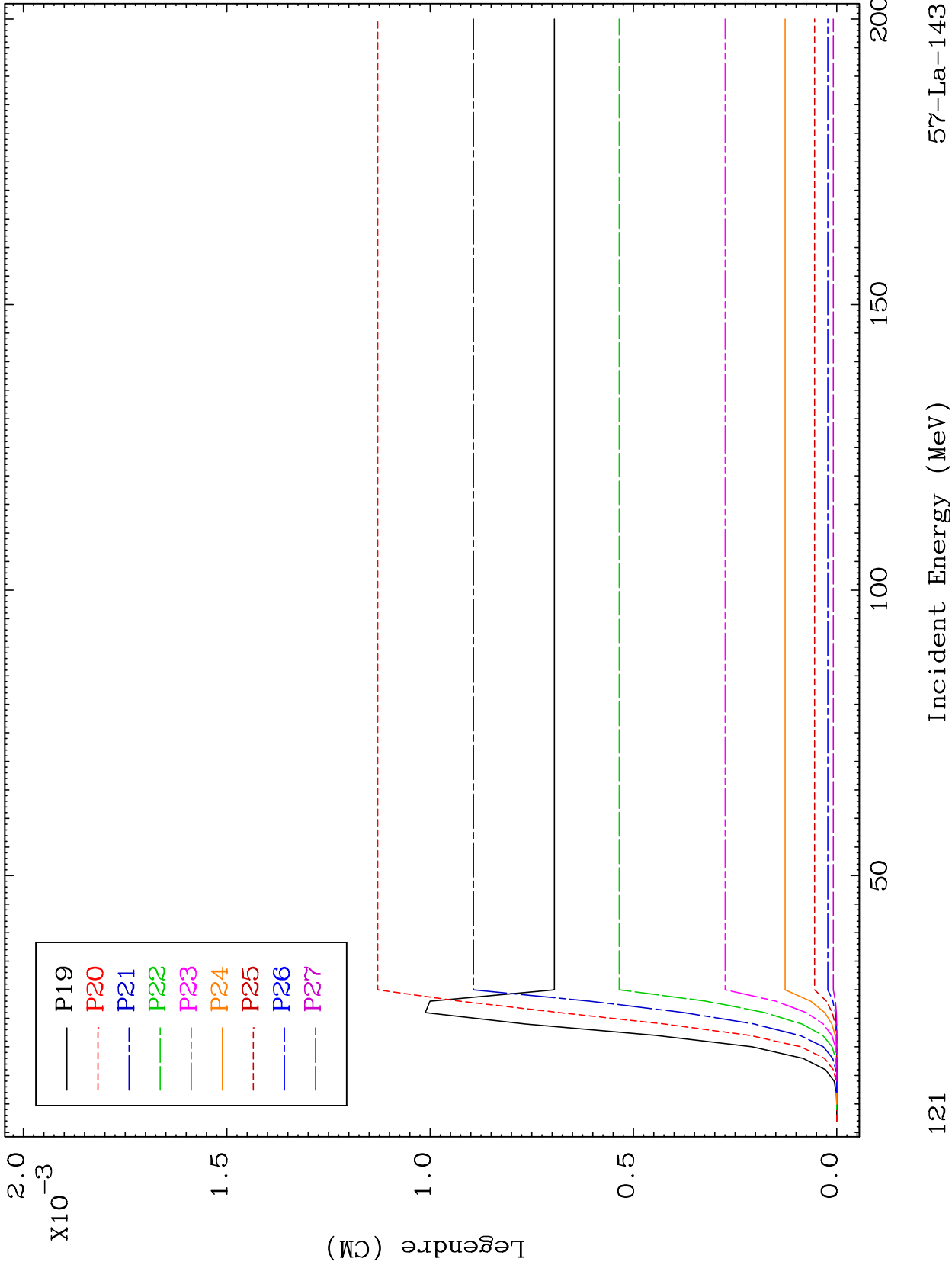


57-La-143

MAT 5740

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

57-La-143



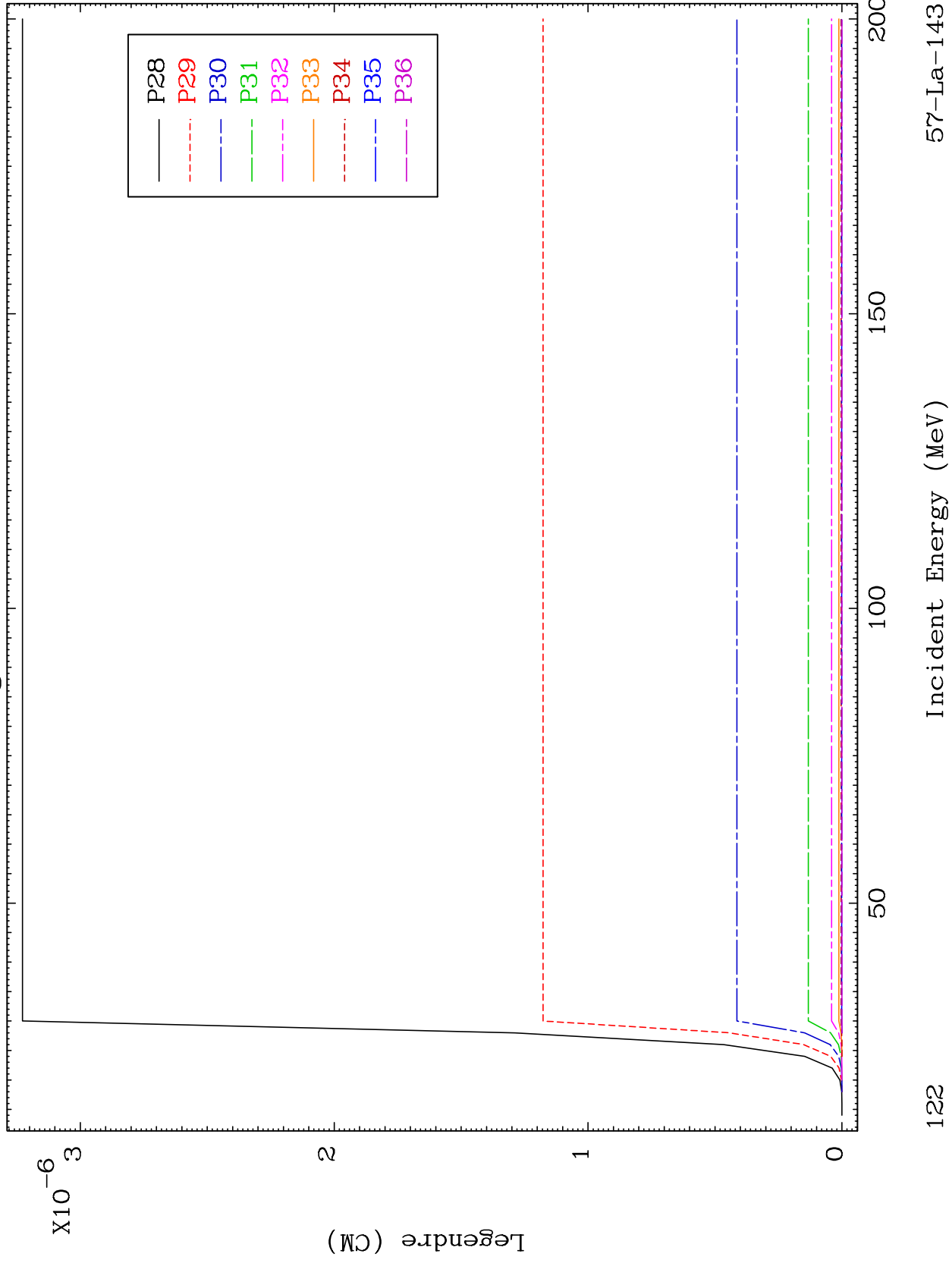
121

57-La-143

MAT 5740

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

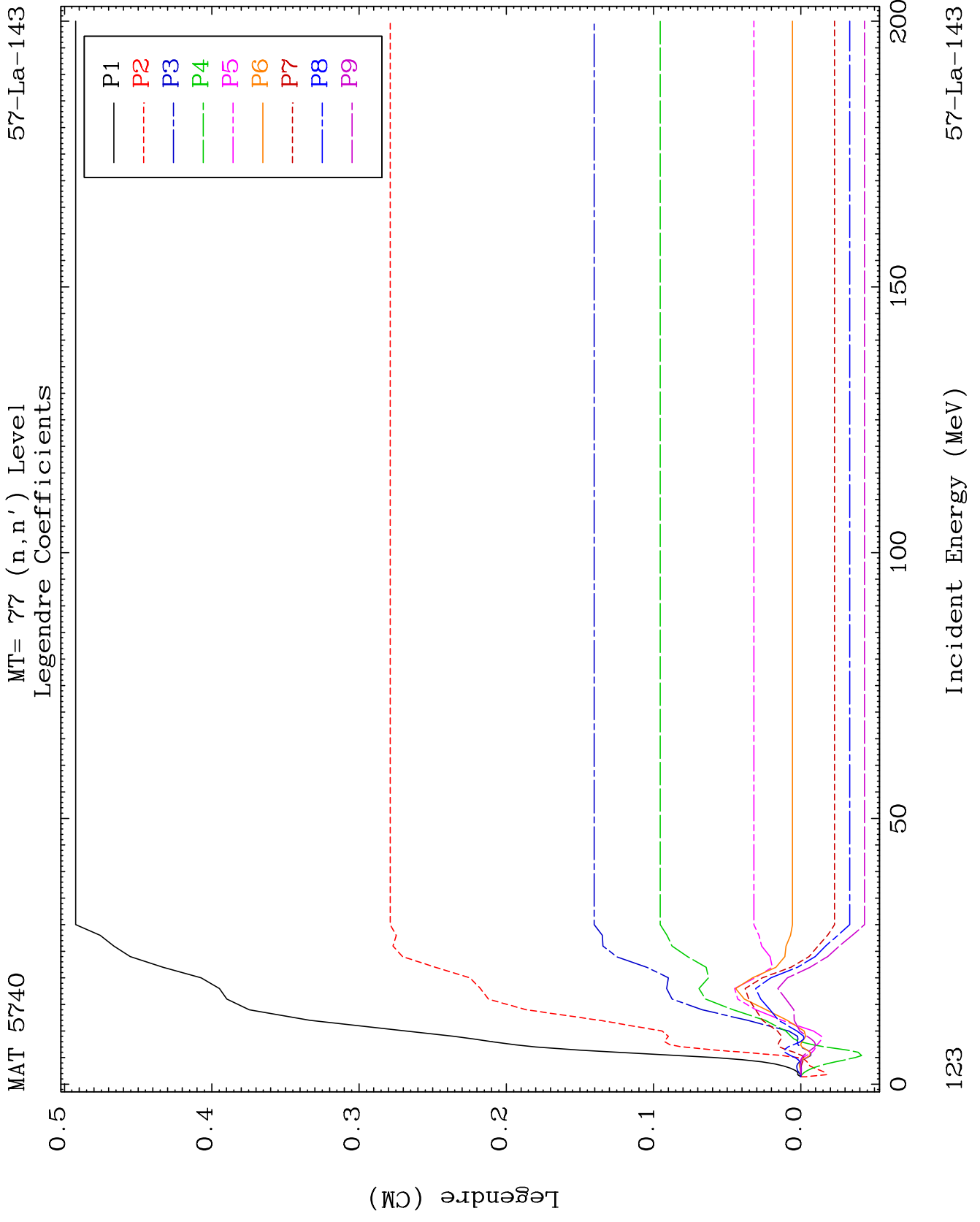
57-La-143

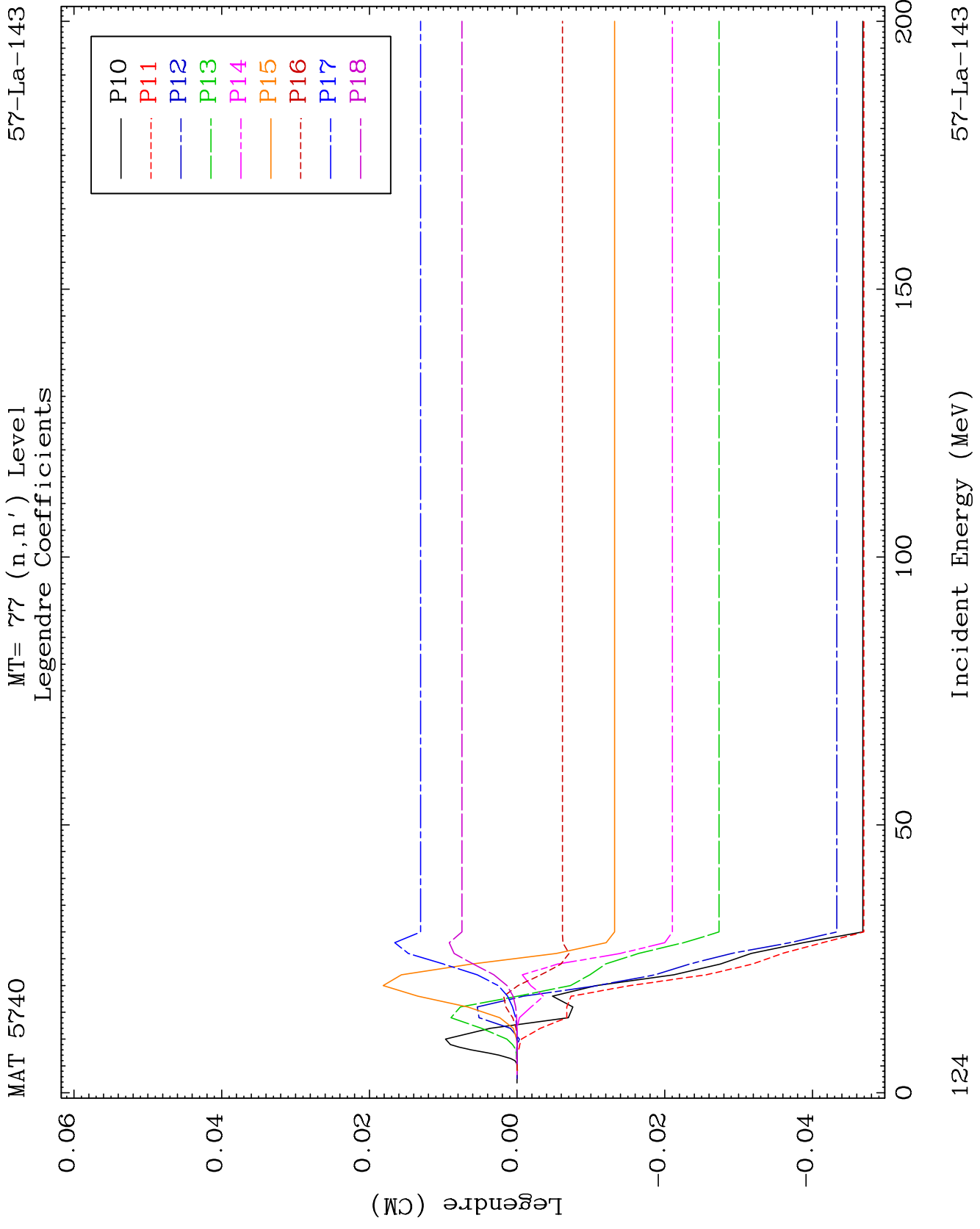


122

Incident Energy (MeV)

57-La-143

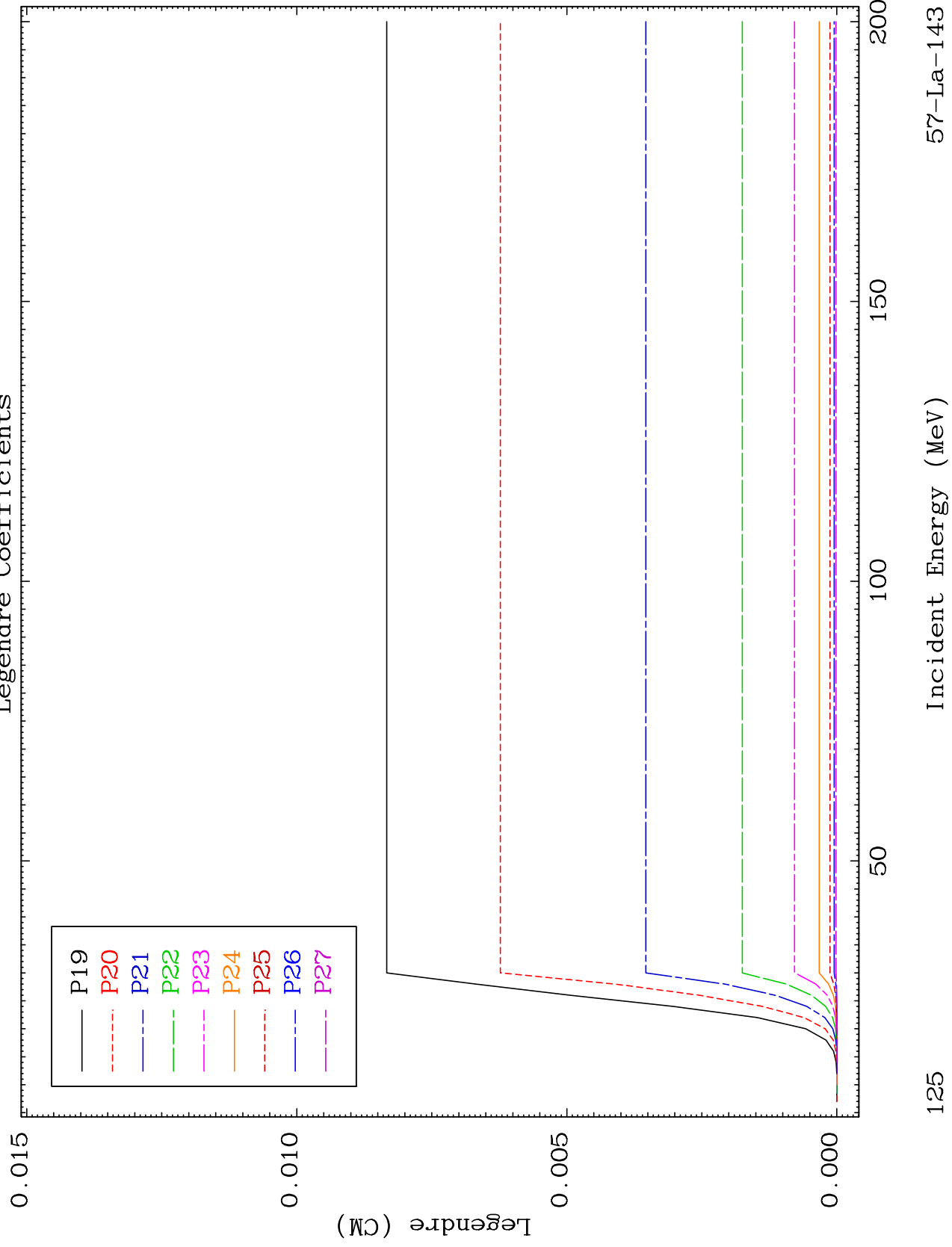




MAT 5740

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

57-La-143



57-La-143

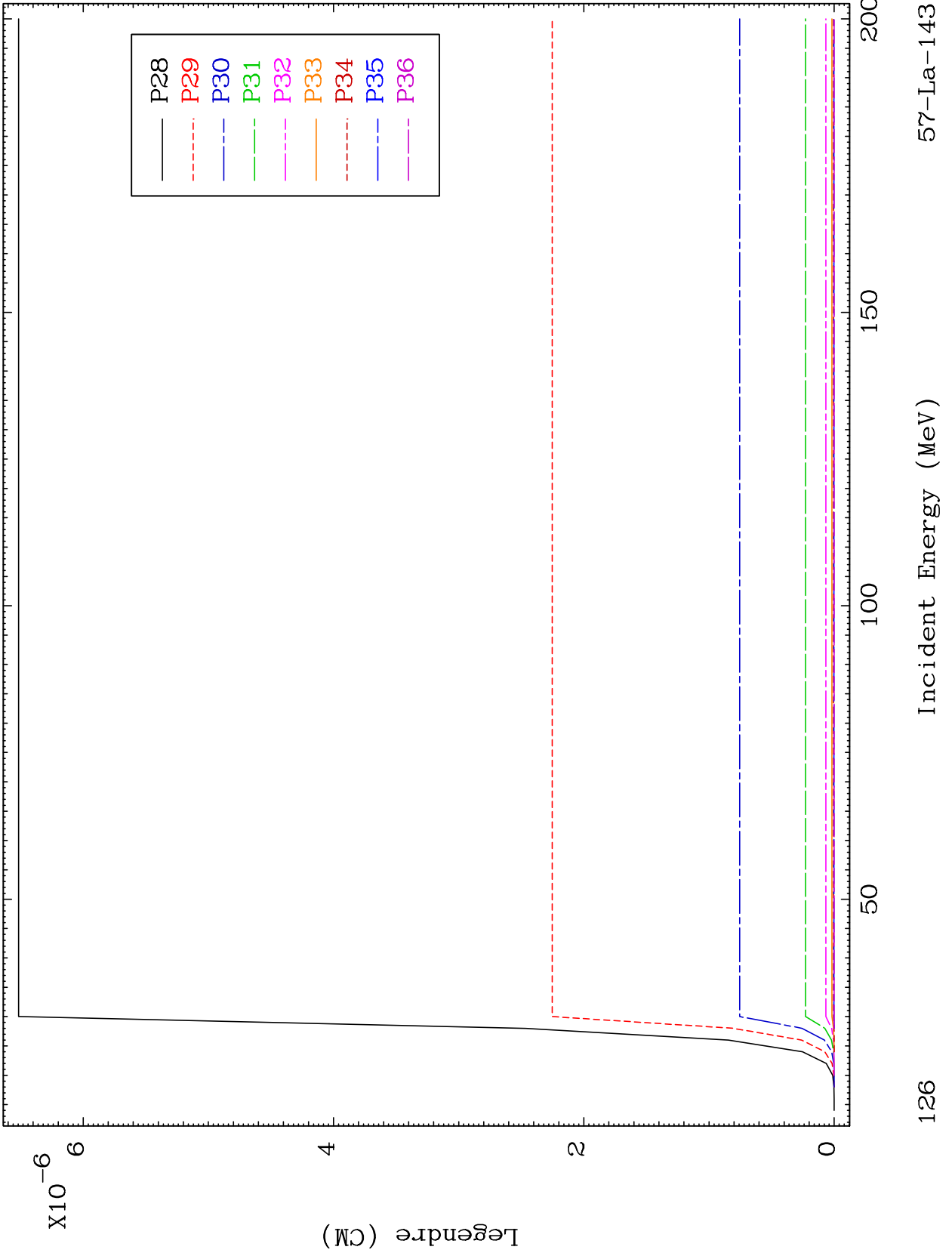
Incident Energy (MeV)

125

MAT 5740

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

57-La-143



126

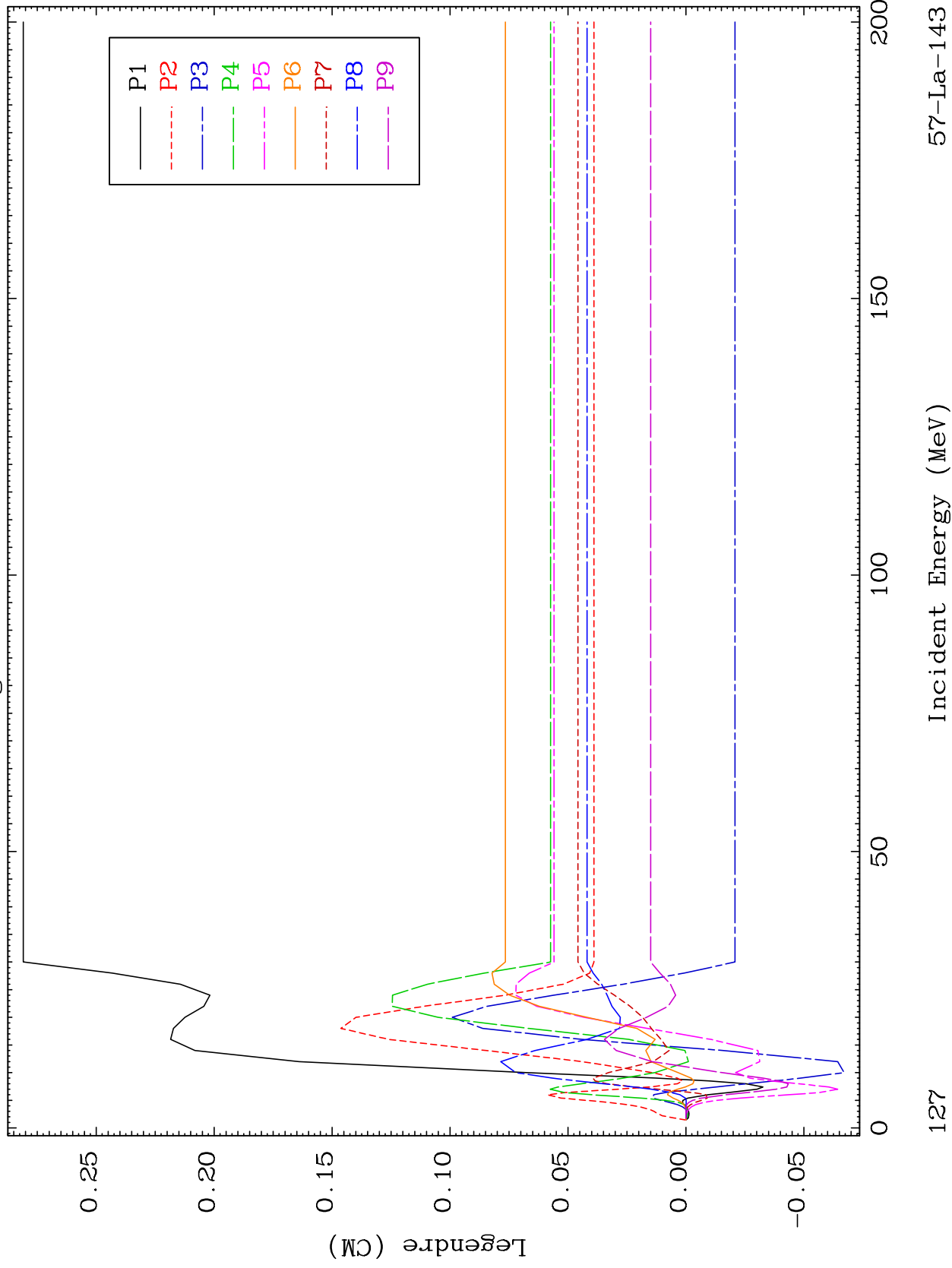
Incident Energy (MeV)

57-La-143

MAT 5740

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

57-La-143



57-La-143

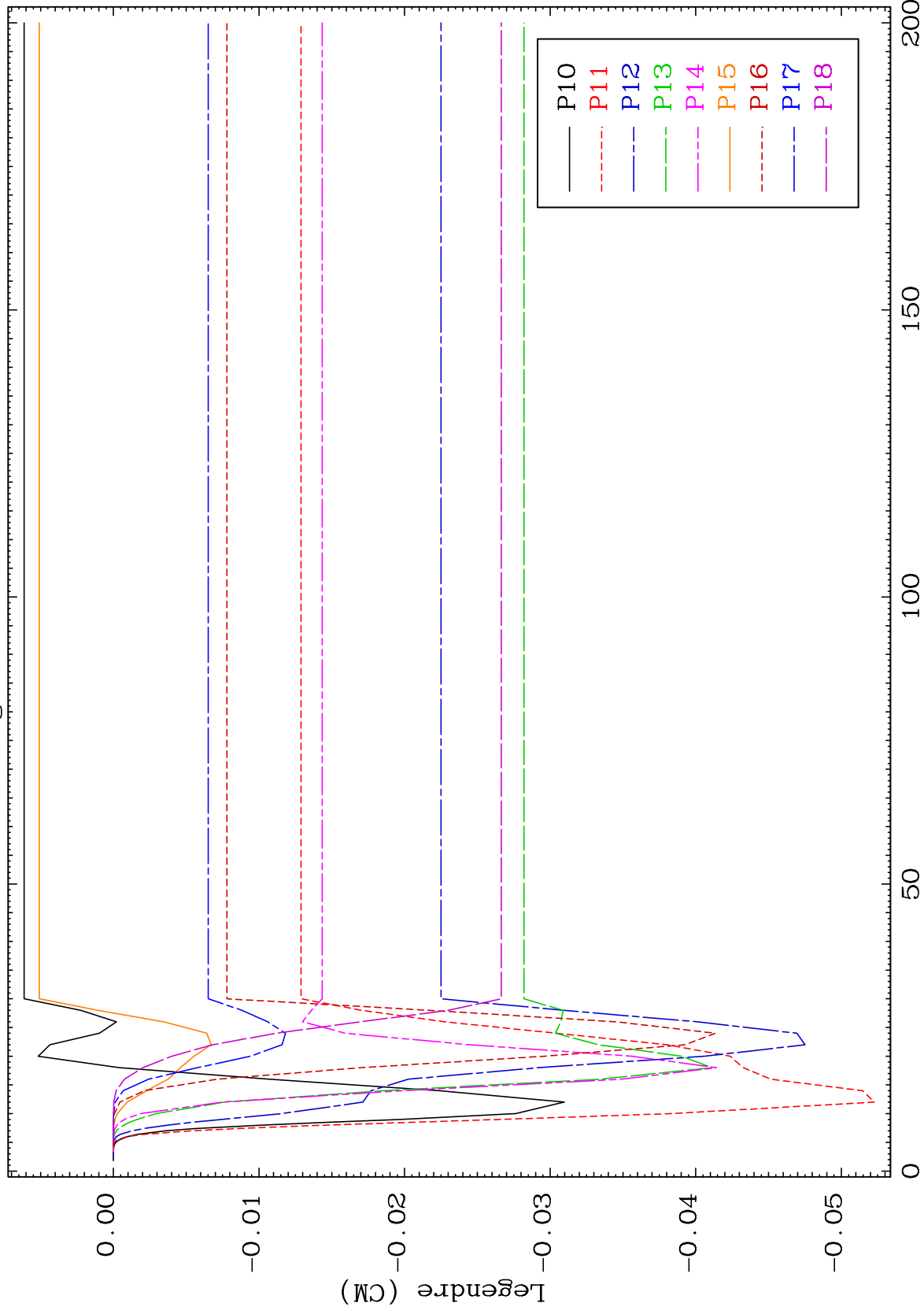
Incident Energy (MeV)

127

MAT 5740

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

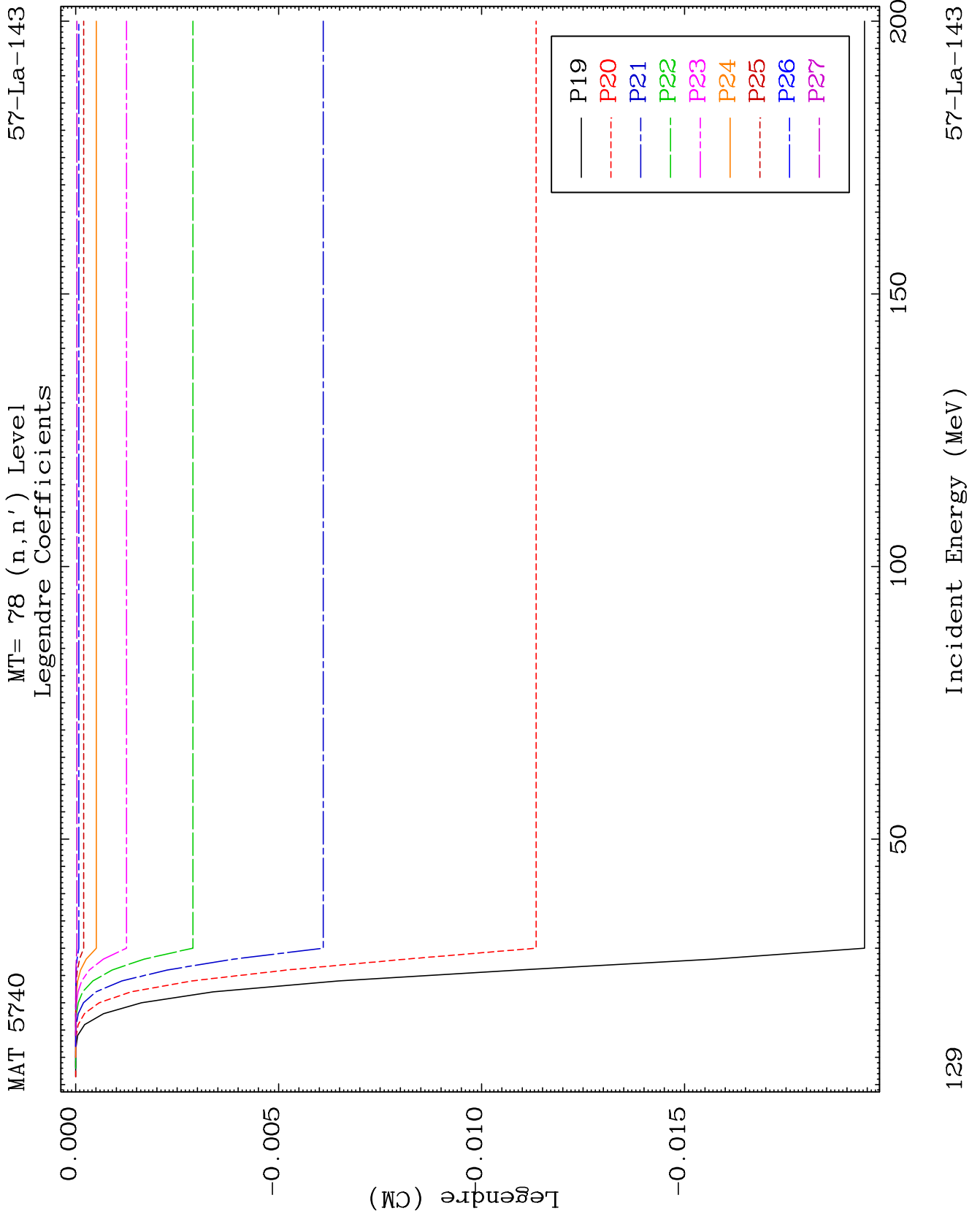
57-La-143

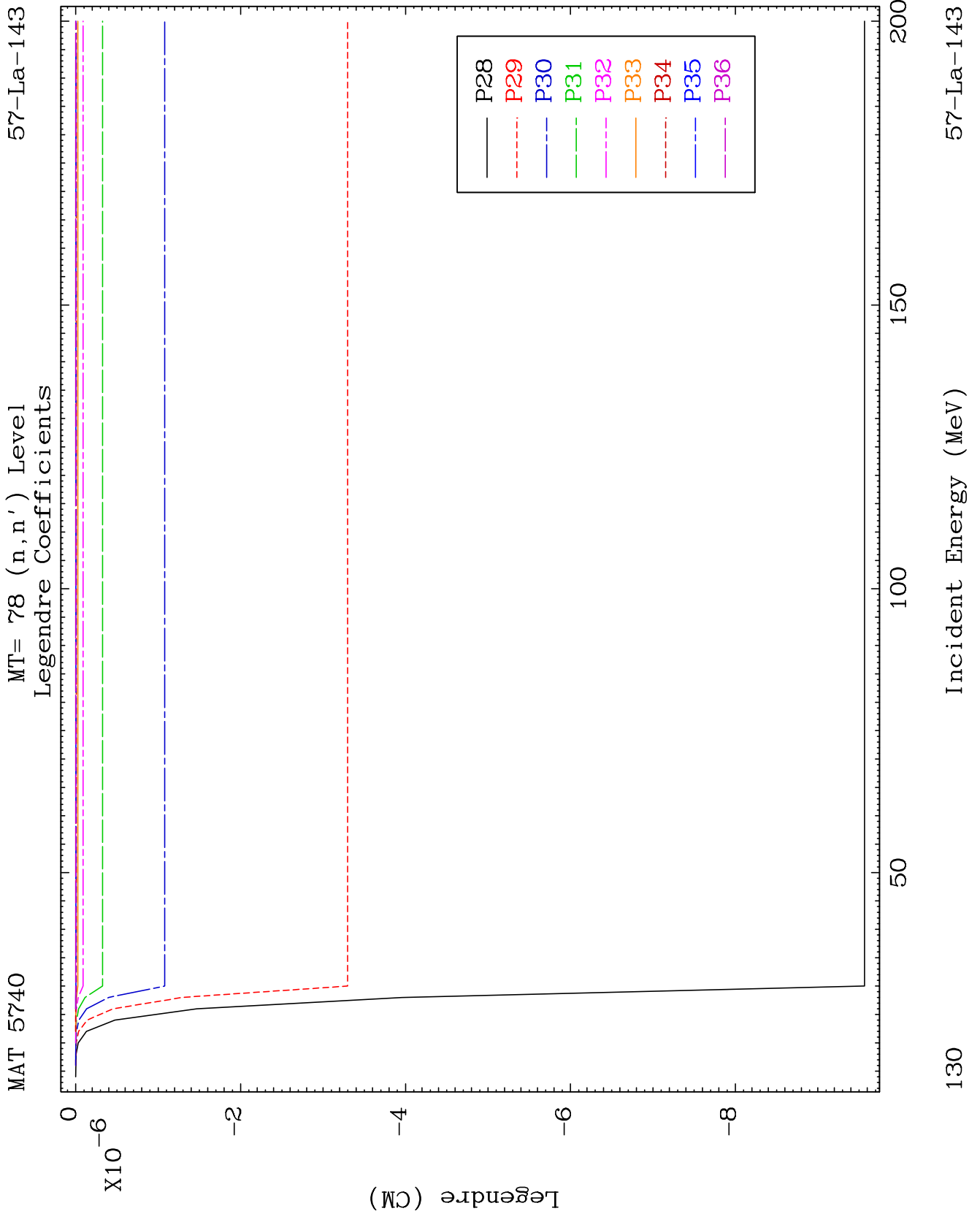


128

Incident Energy (MeV)

57-La-143

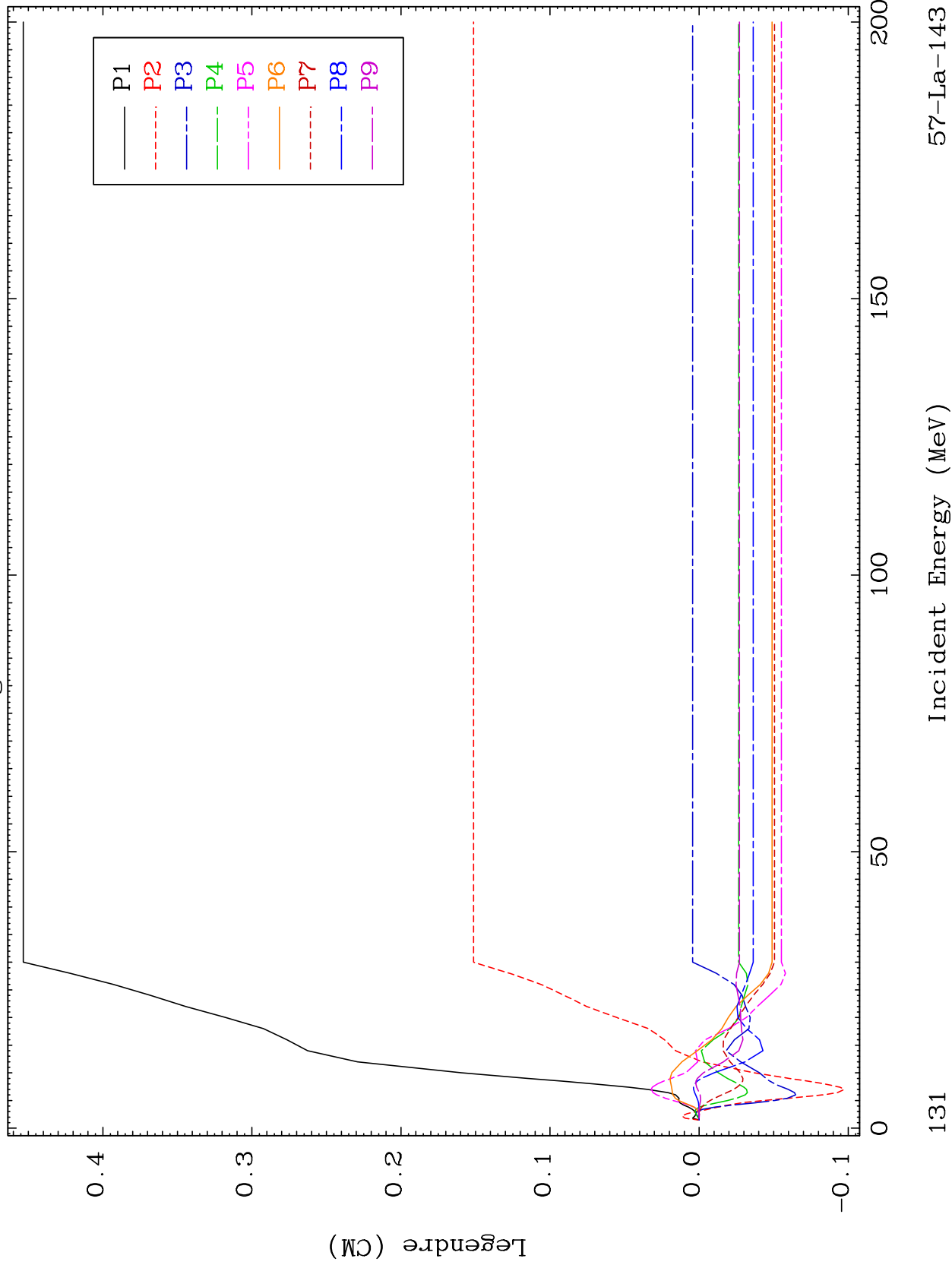




MAT 5740

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

57-La-143



57-La-143

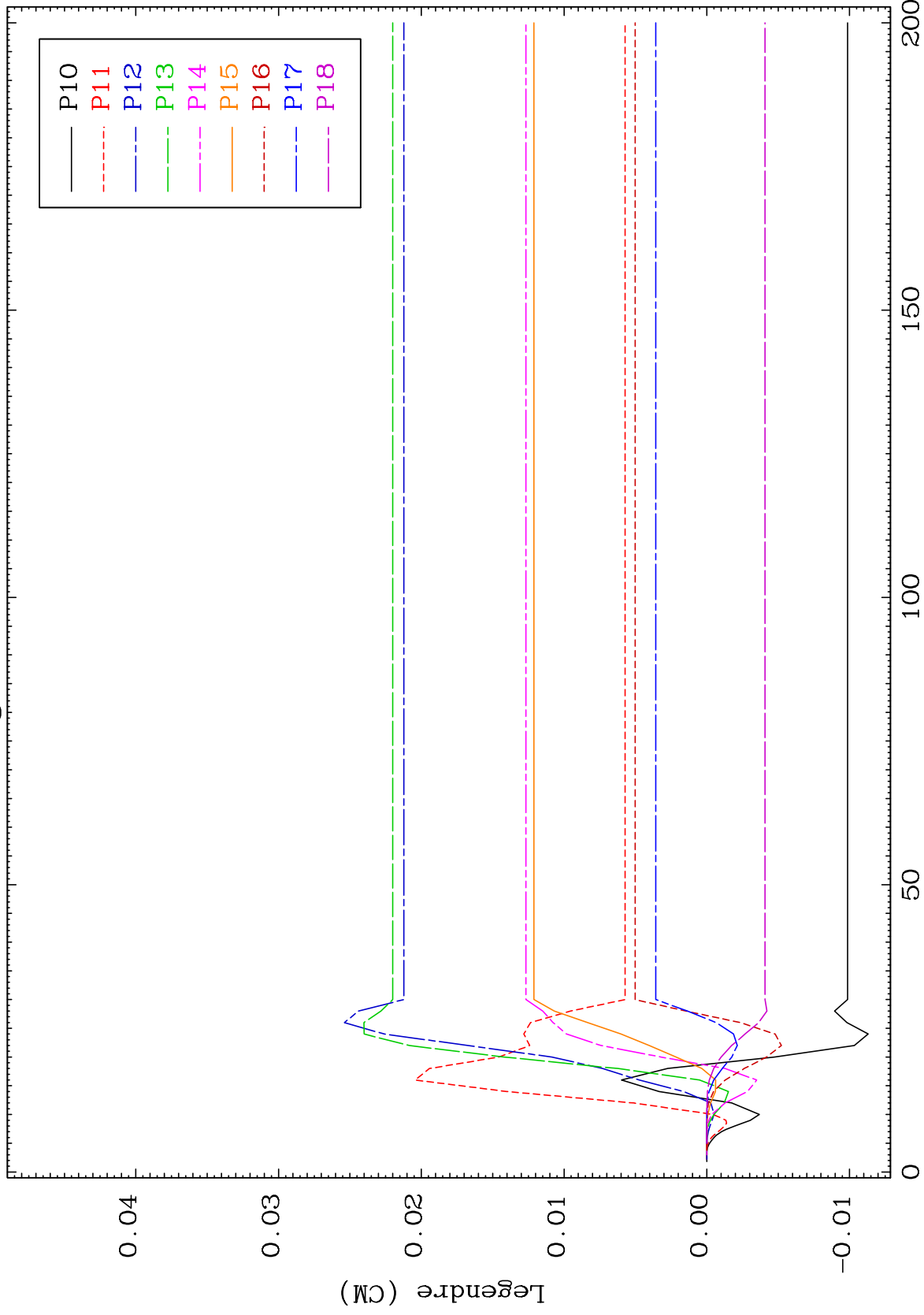
Incident Energy (MeV)

131

MAT 5740

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

57-La-143



132

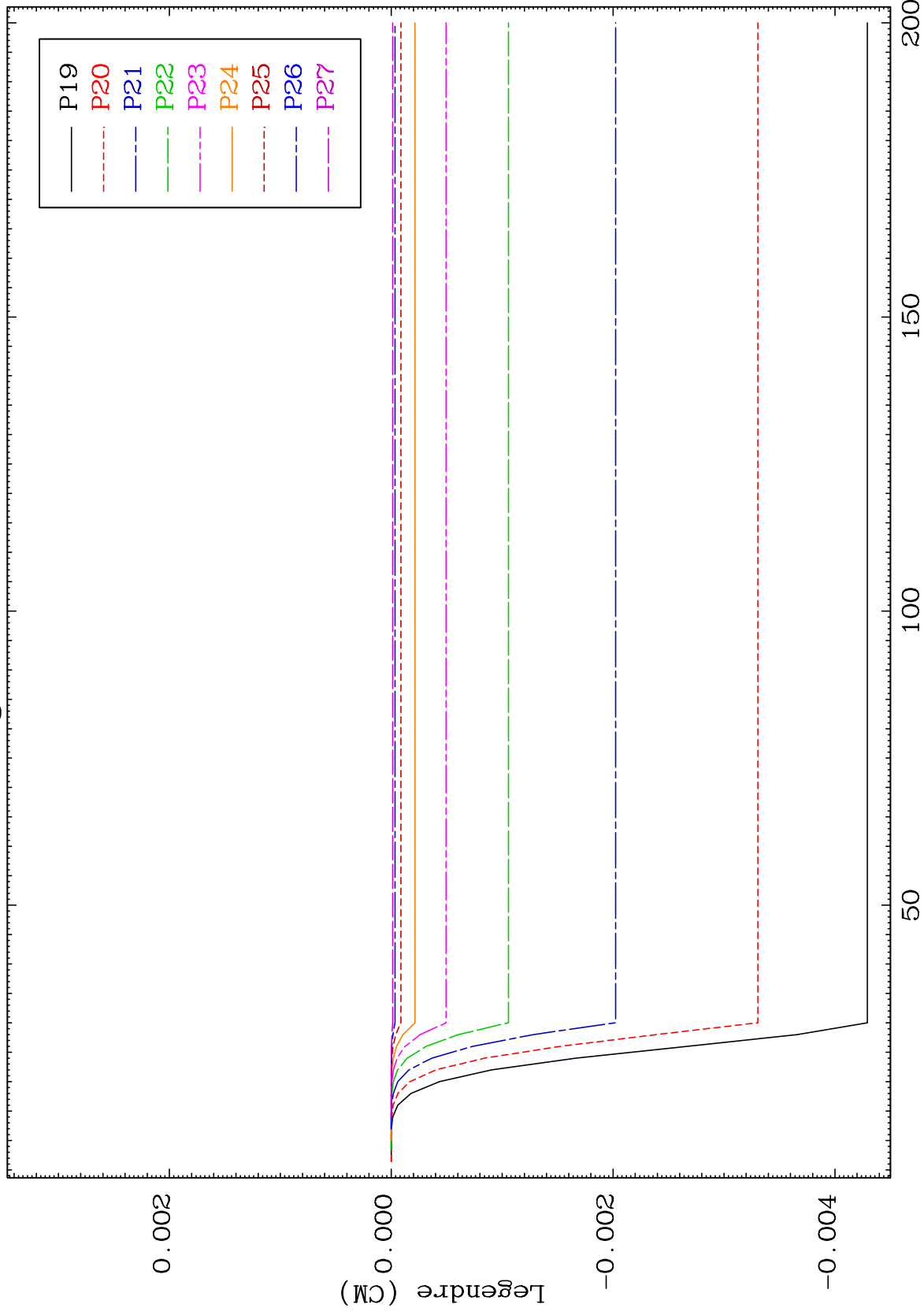
Incident Energy (MeV)

57-La-143

MAT 5740

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

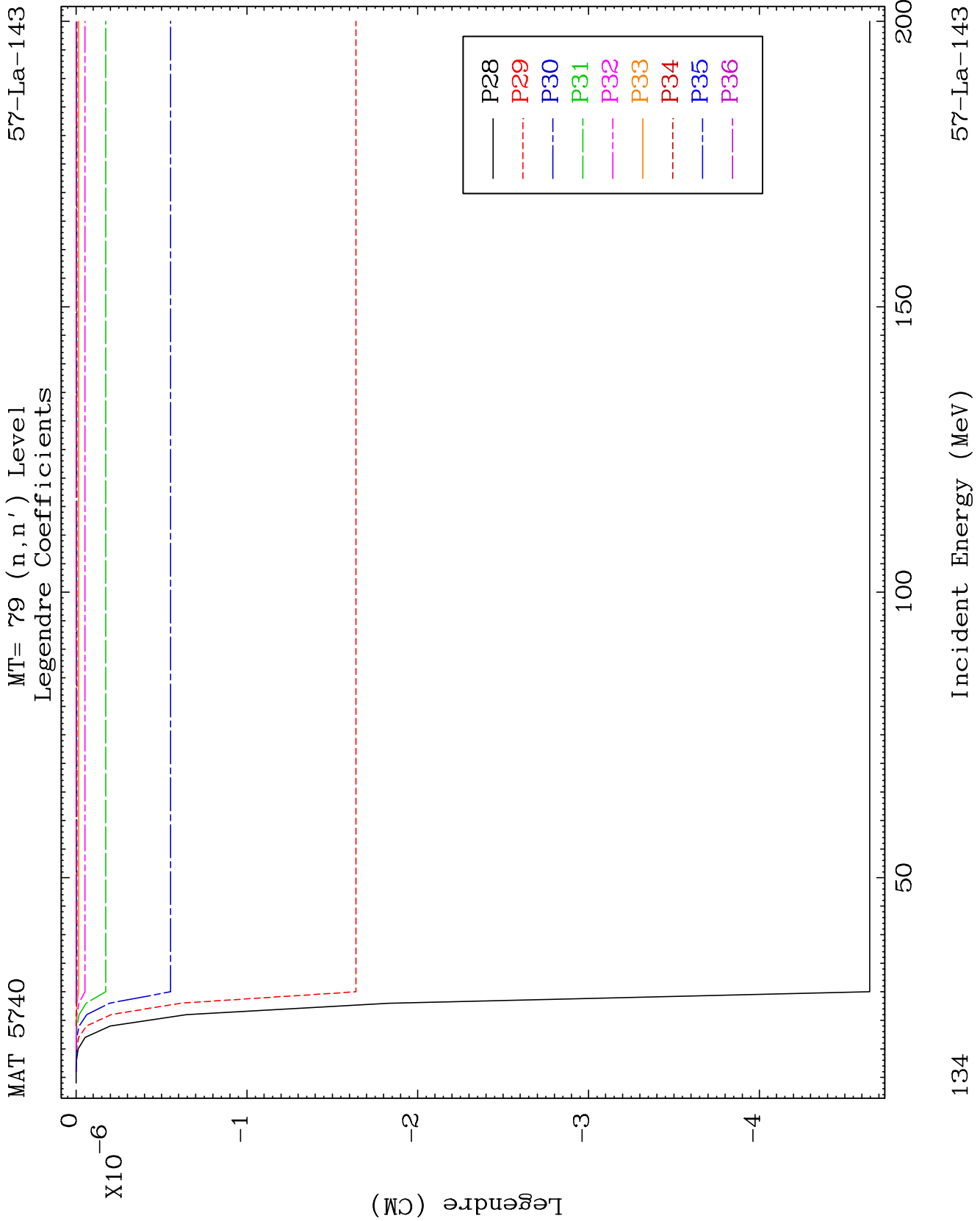
57-La-143

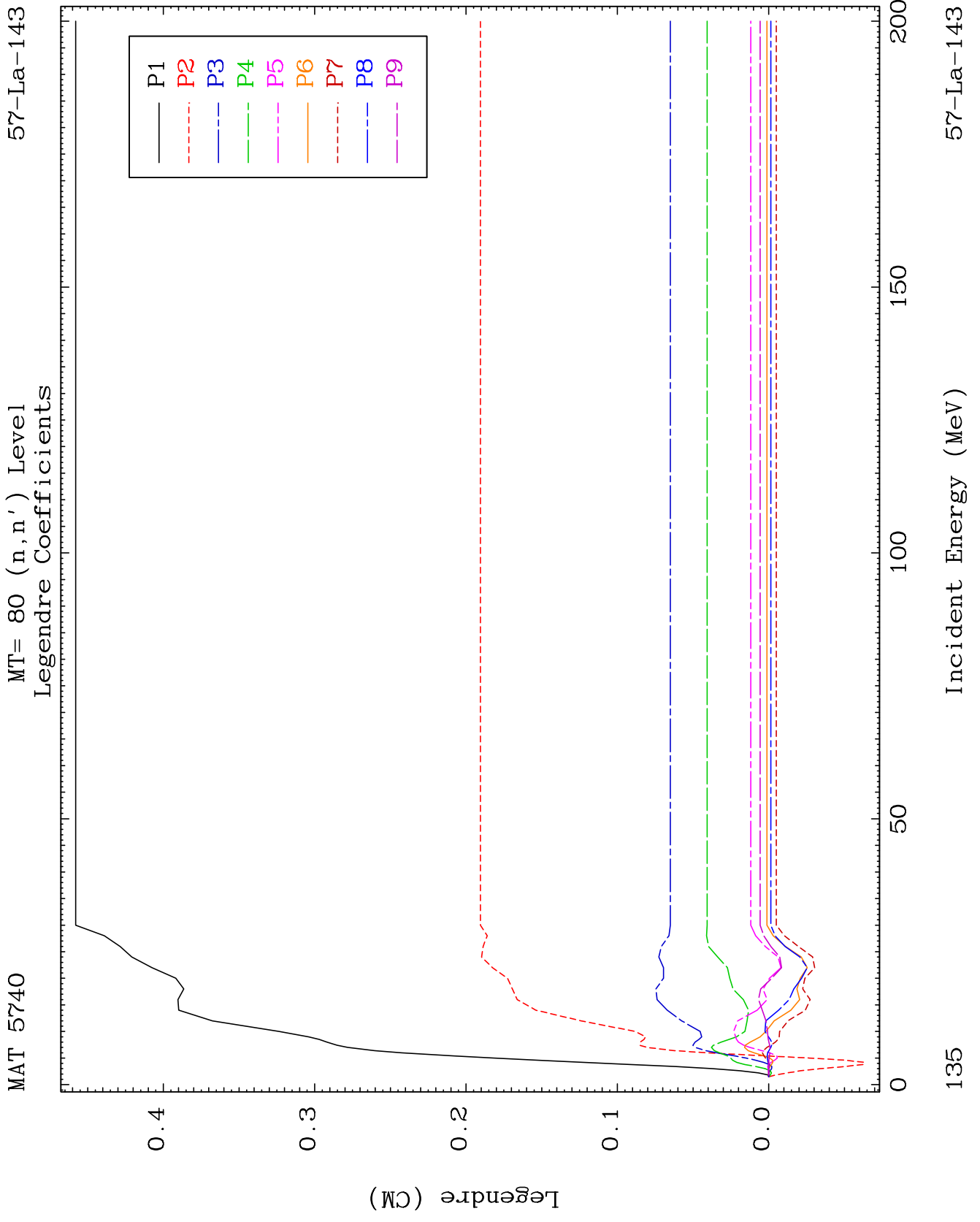


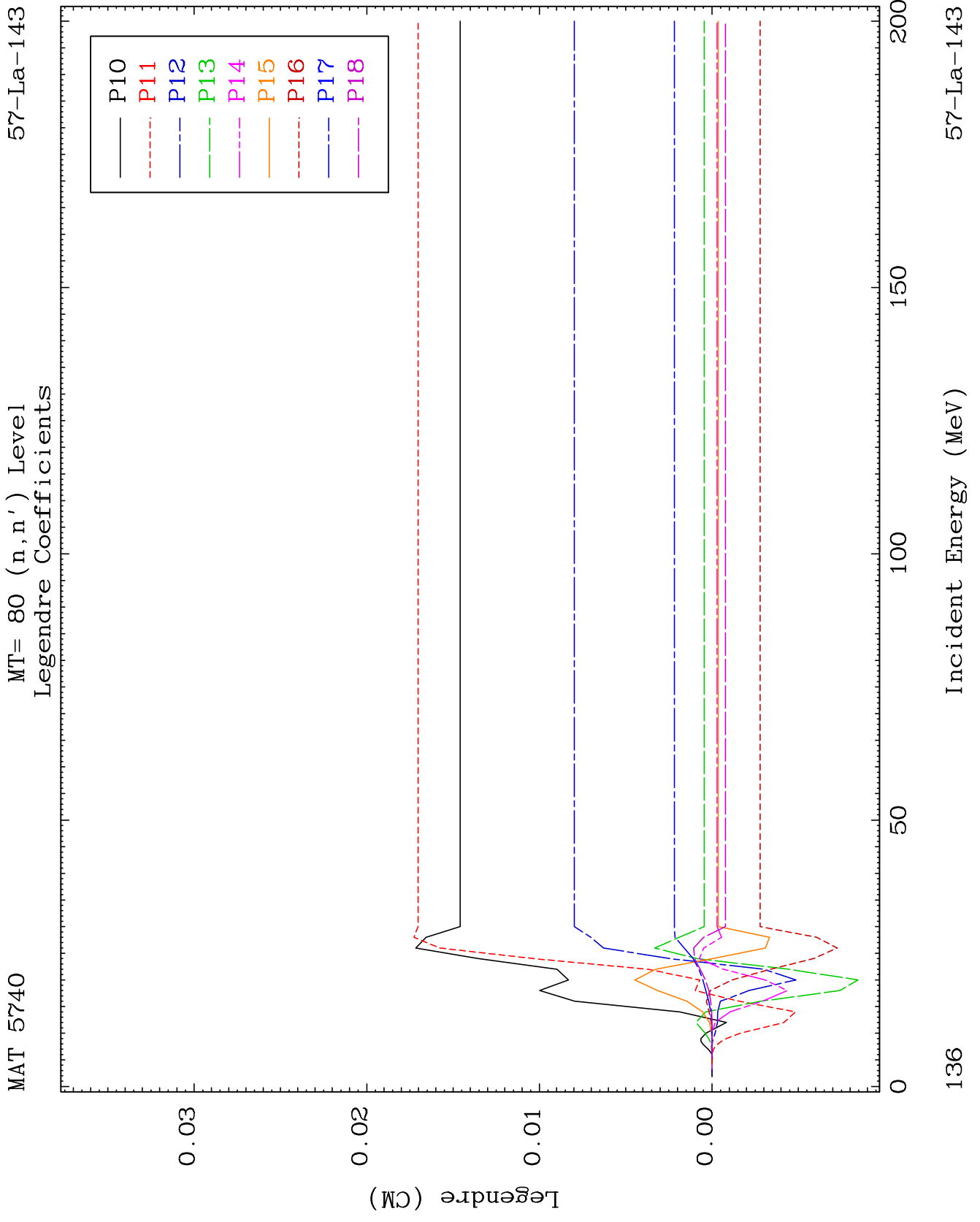
133

Incident Energy (MeV)

57-La-143



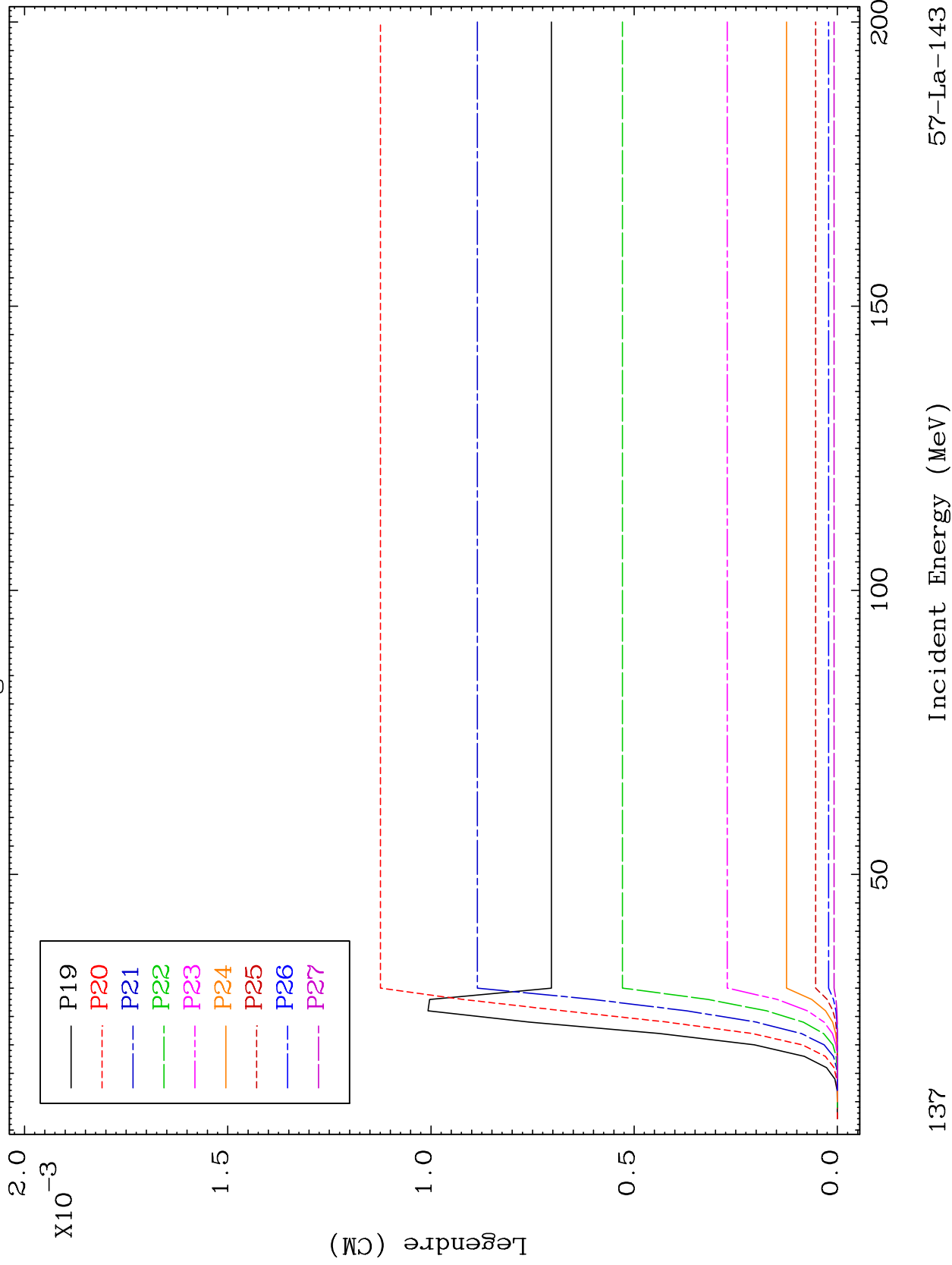




MAT 5740

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

57-La-143



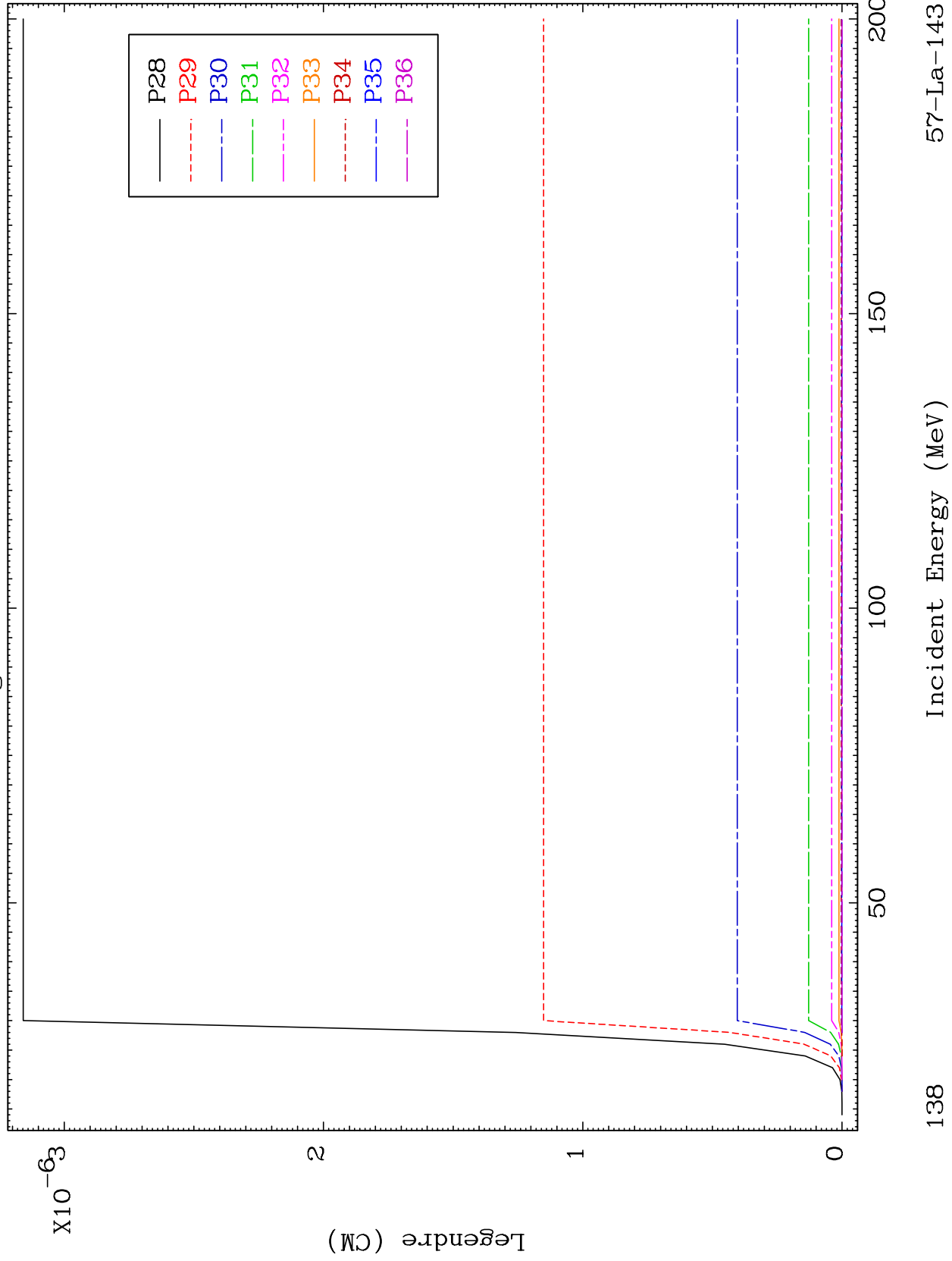
137

57-La-143

MAT 5740

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

57-La-143



138

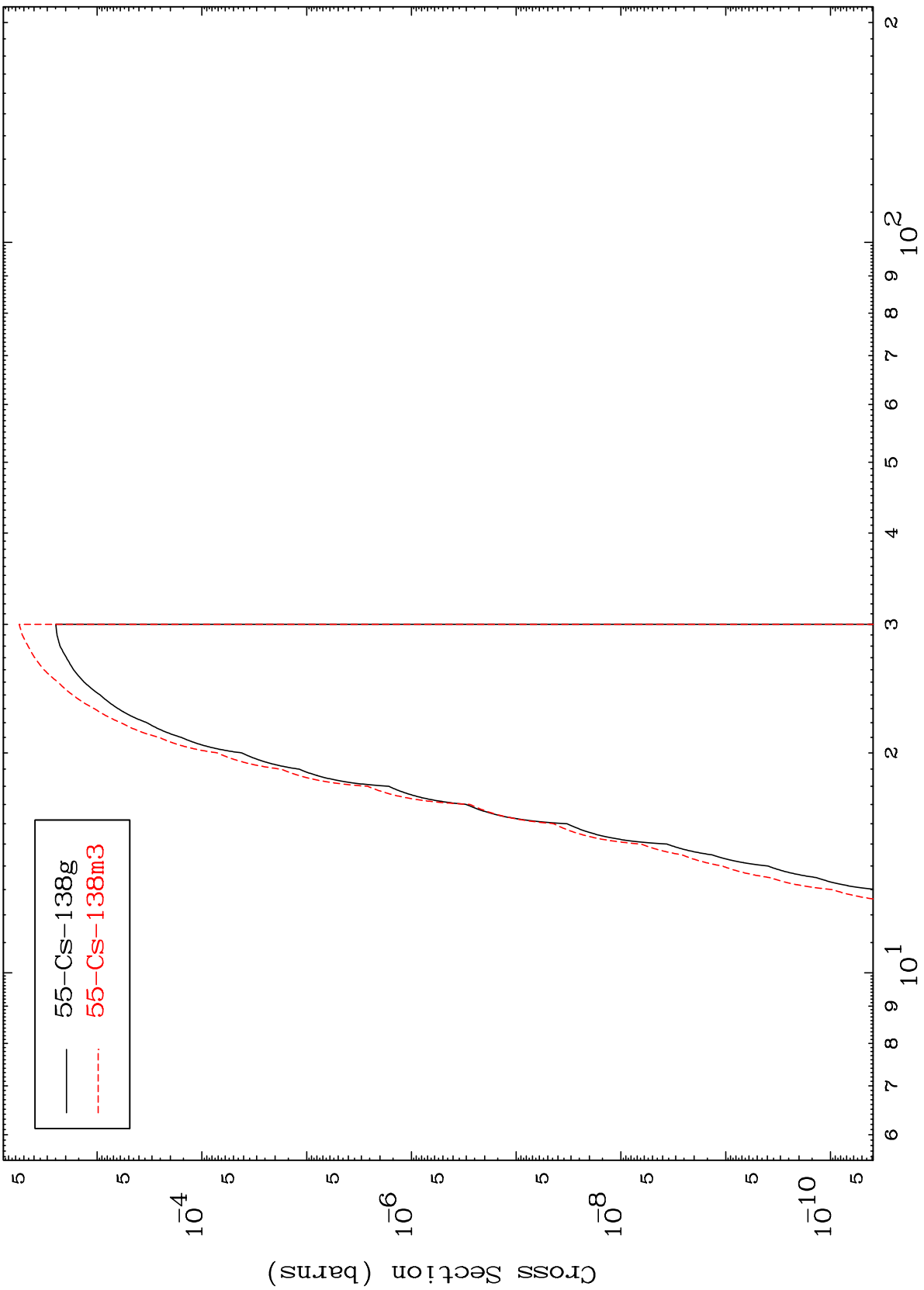
57-La-143

MAT 5740

$(n, 2n) \alpha$

57-La-143

Radionuclide Production Cross Section



139

Incident Energy (MeV)

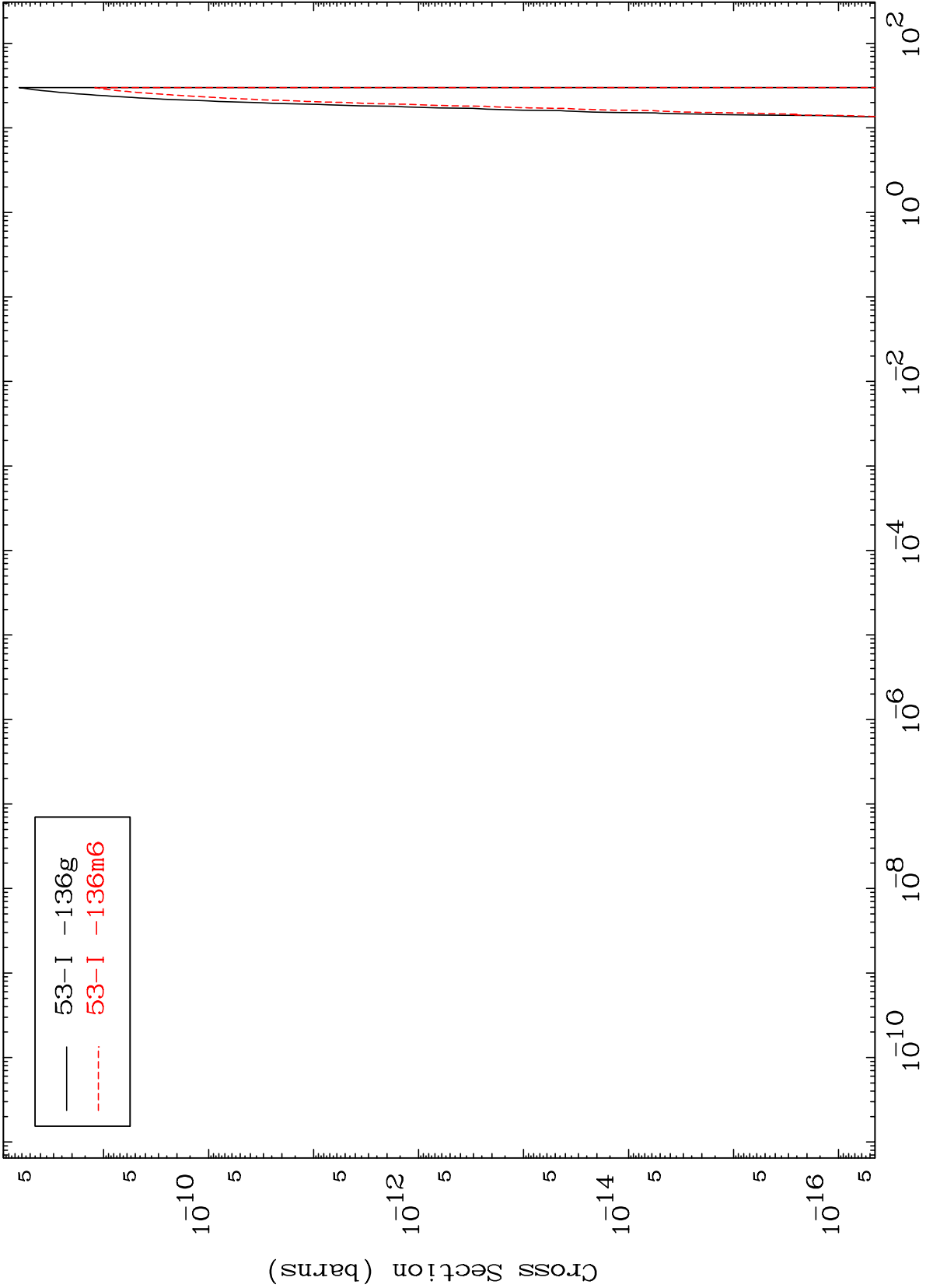
57-La-143

MAT 5740

(n,2α)

57-La-143

Radionuclide Production Cross Section



53-I-136g
53-I-136m6