

Program EVALPLOT
(Version 2015-2)

by

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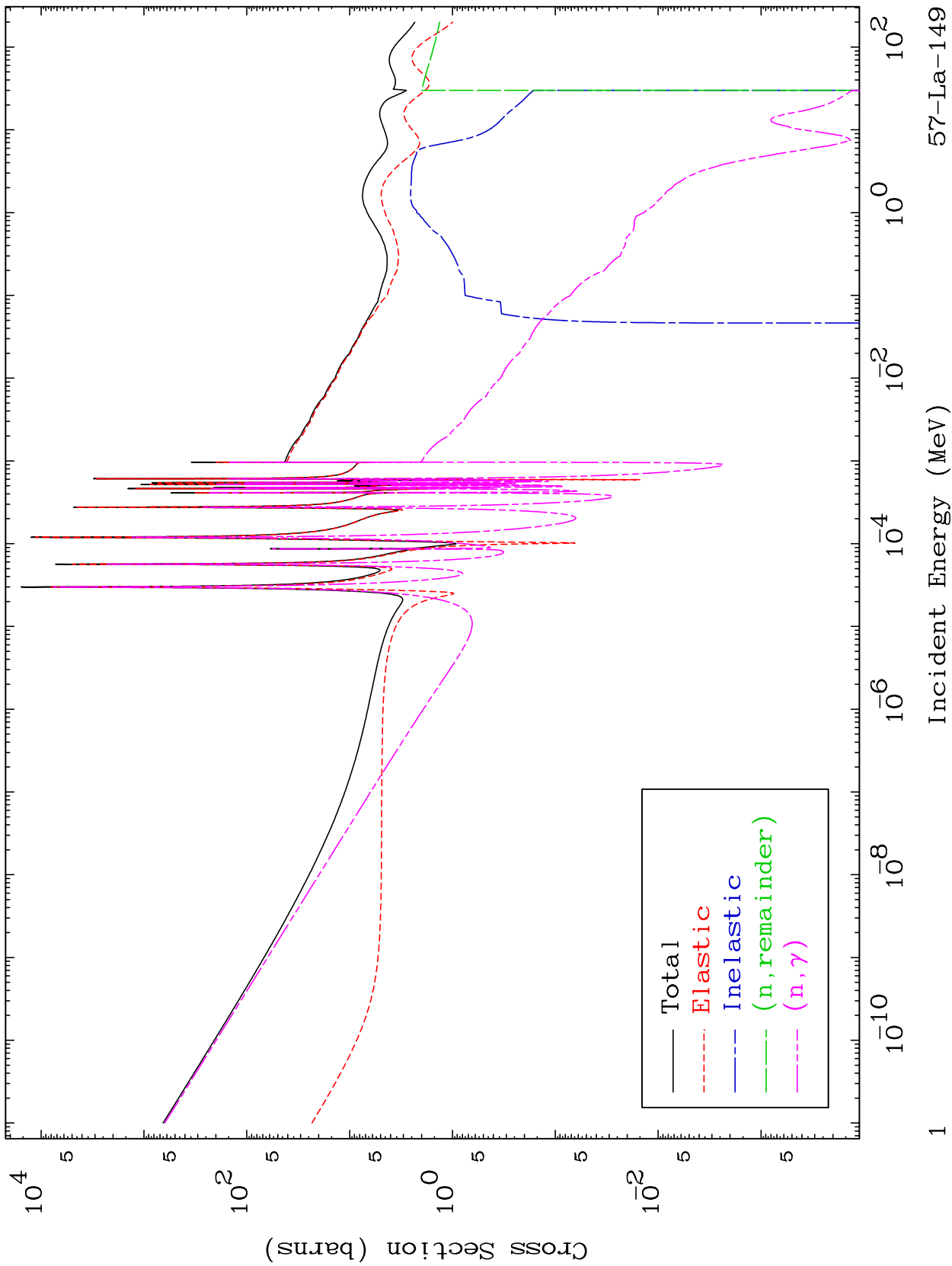
Press Mouse Button to Start

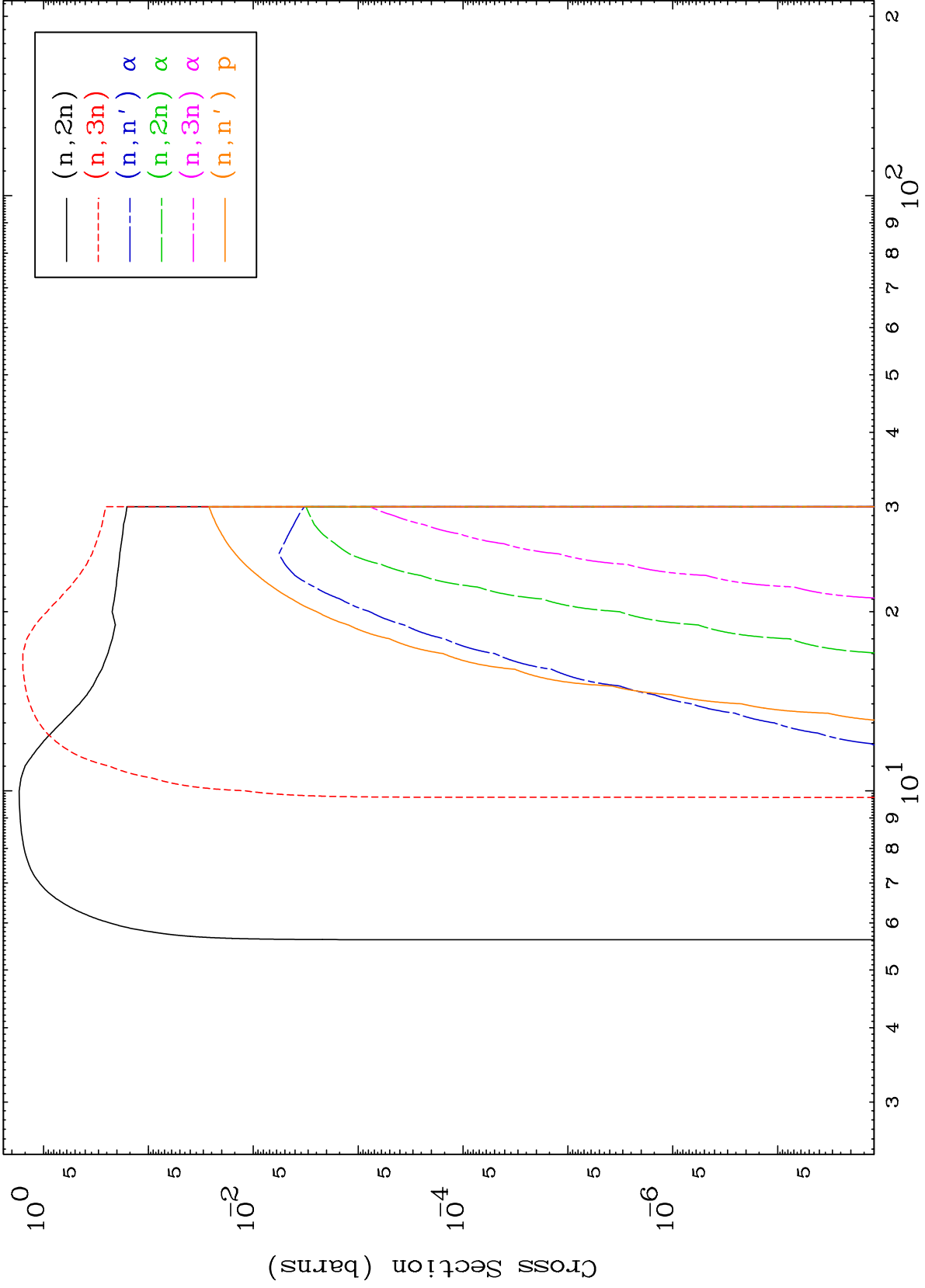
MAT 5758

Major

293 Kelvin Cross Sections

57-La-149

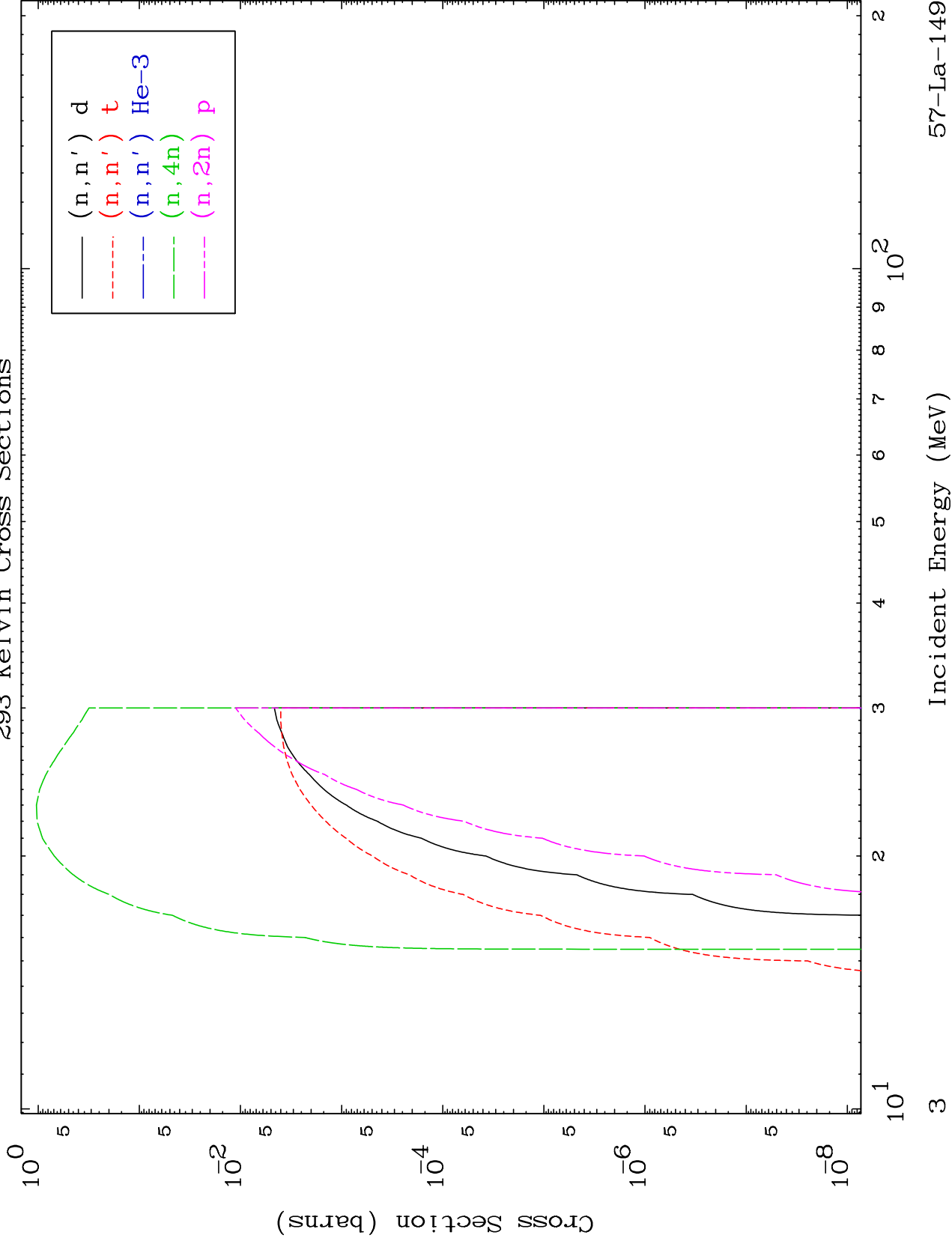




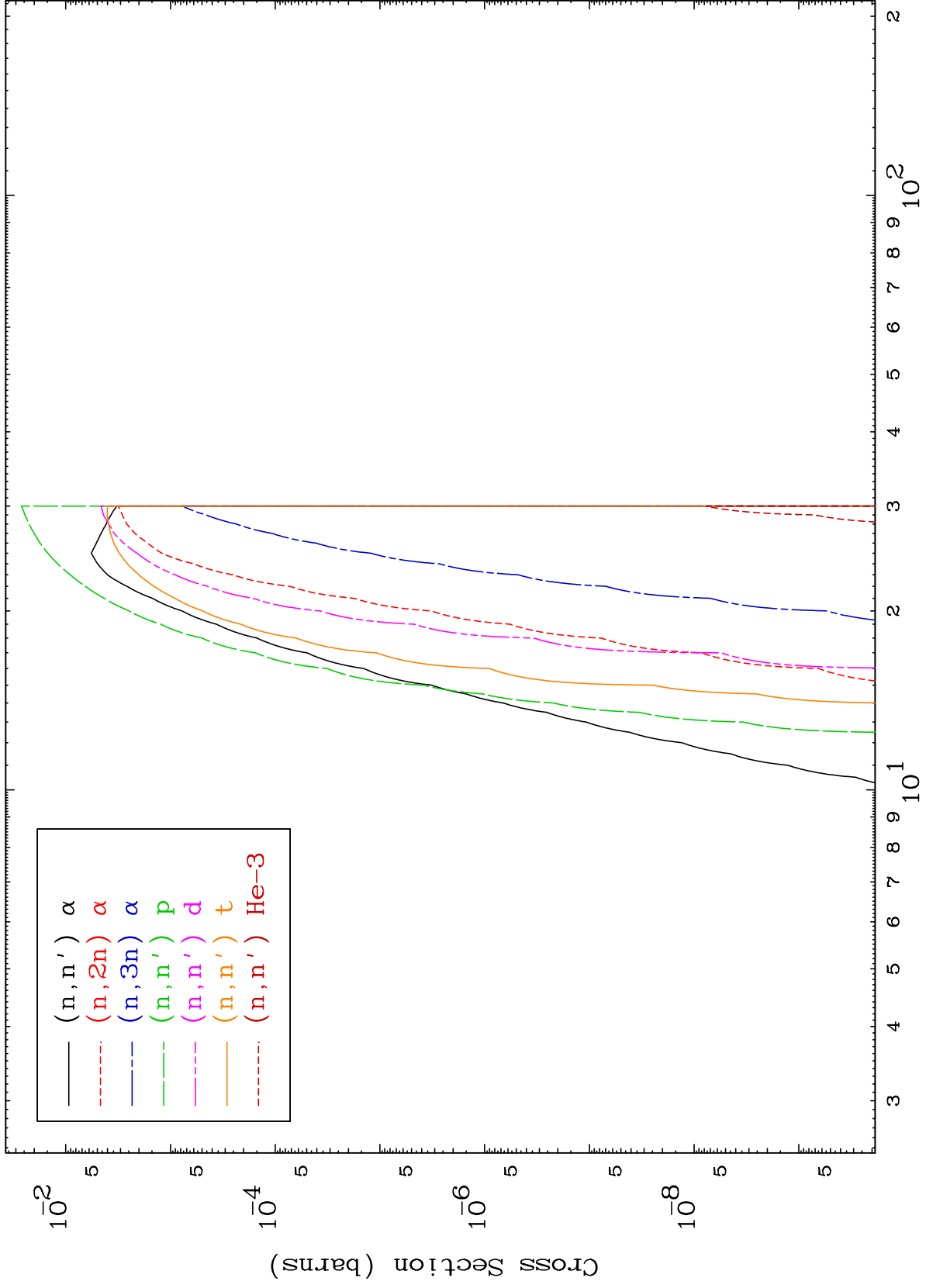
MAT 5758

Neutron Production
293 Kelvin Cross Sections

57-La-149



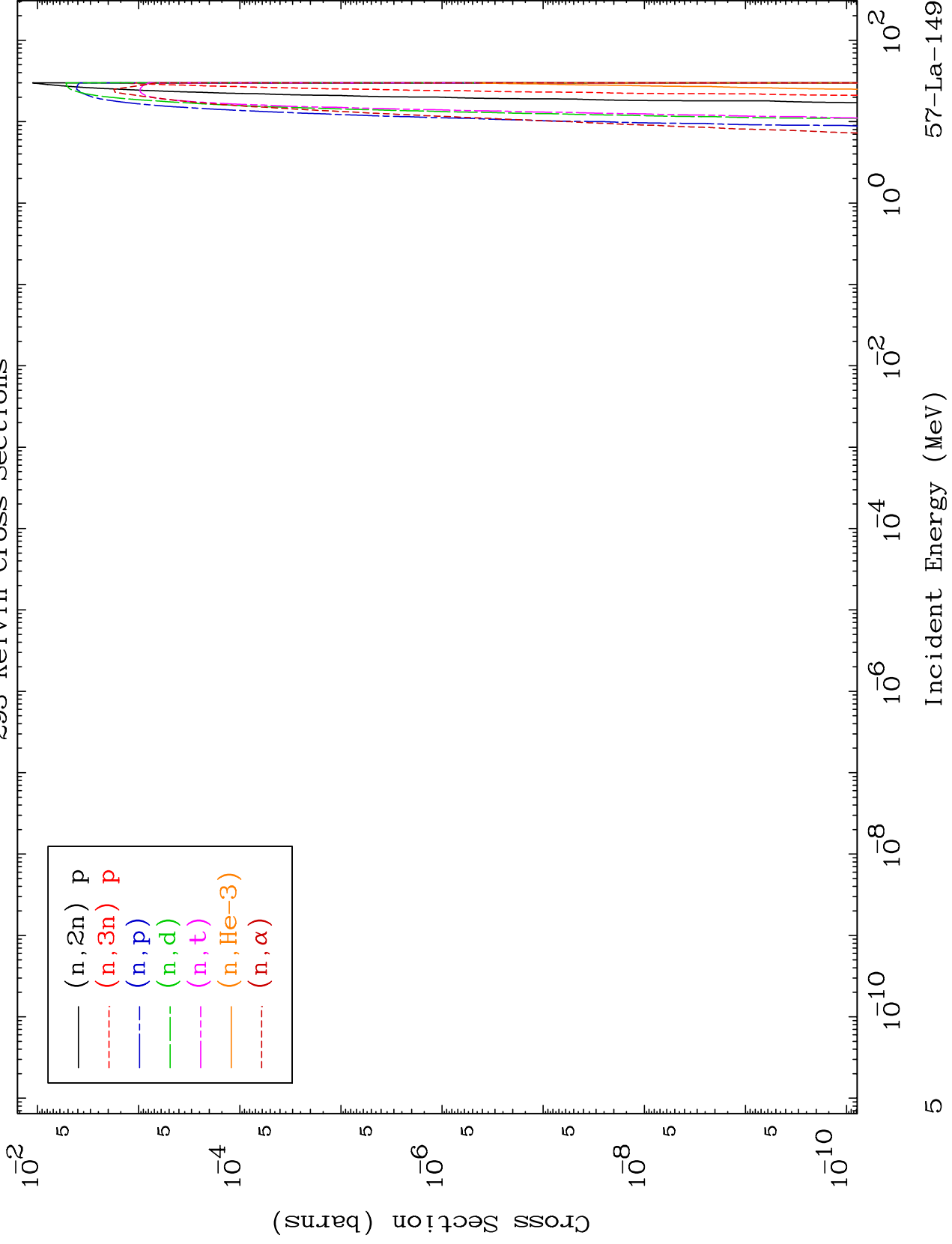
57-La-149



MAT 5758

Charged Particle
293 Kelvin Cross Sections

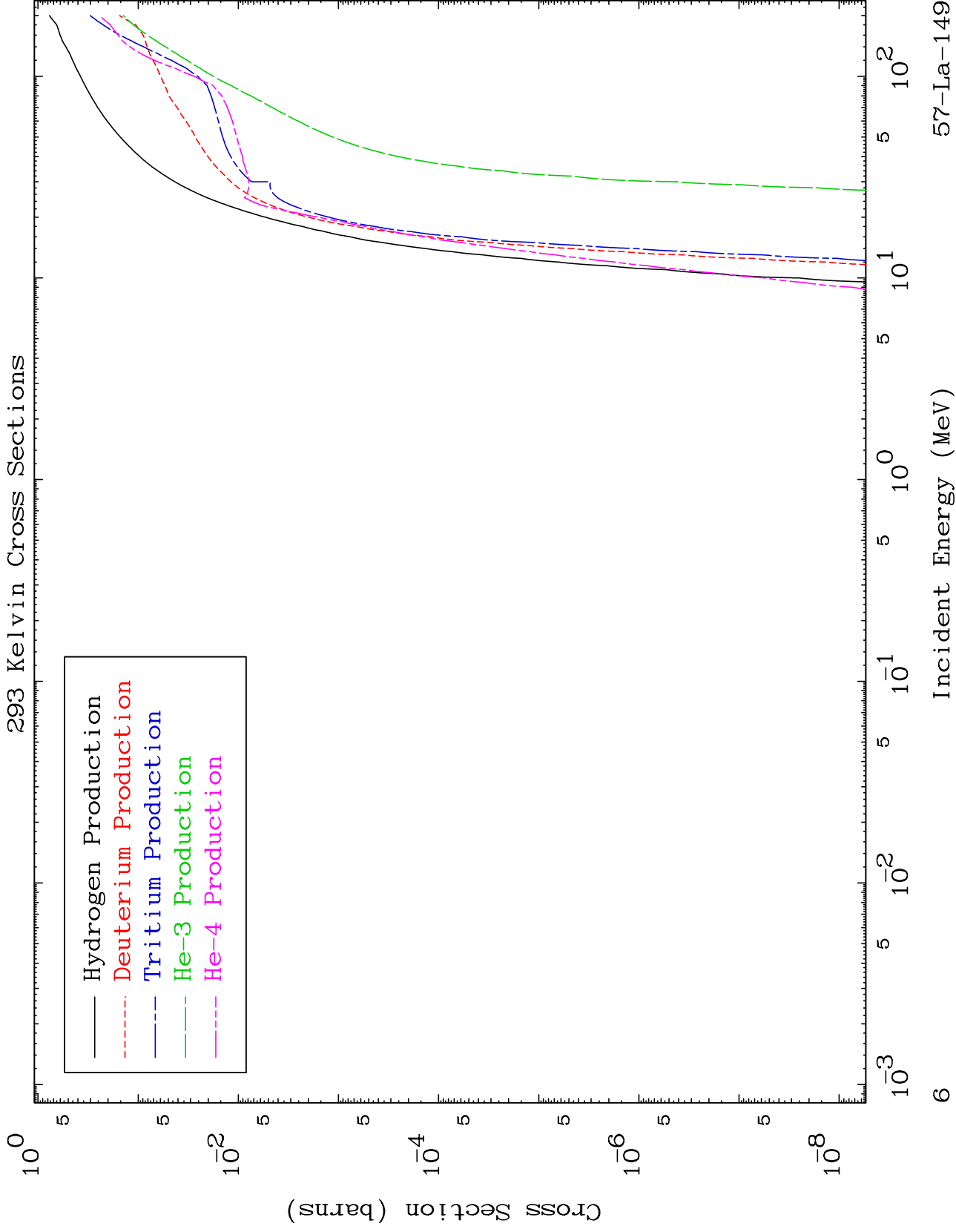
57-La-149



MAT 5758

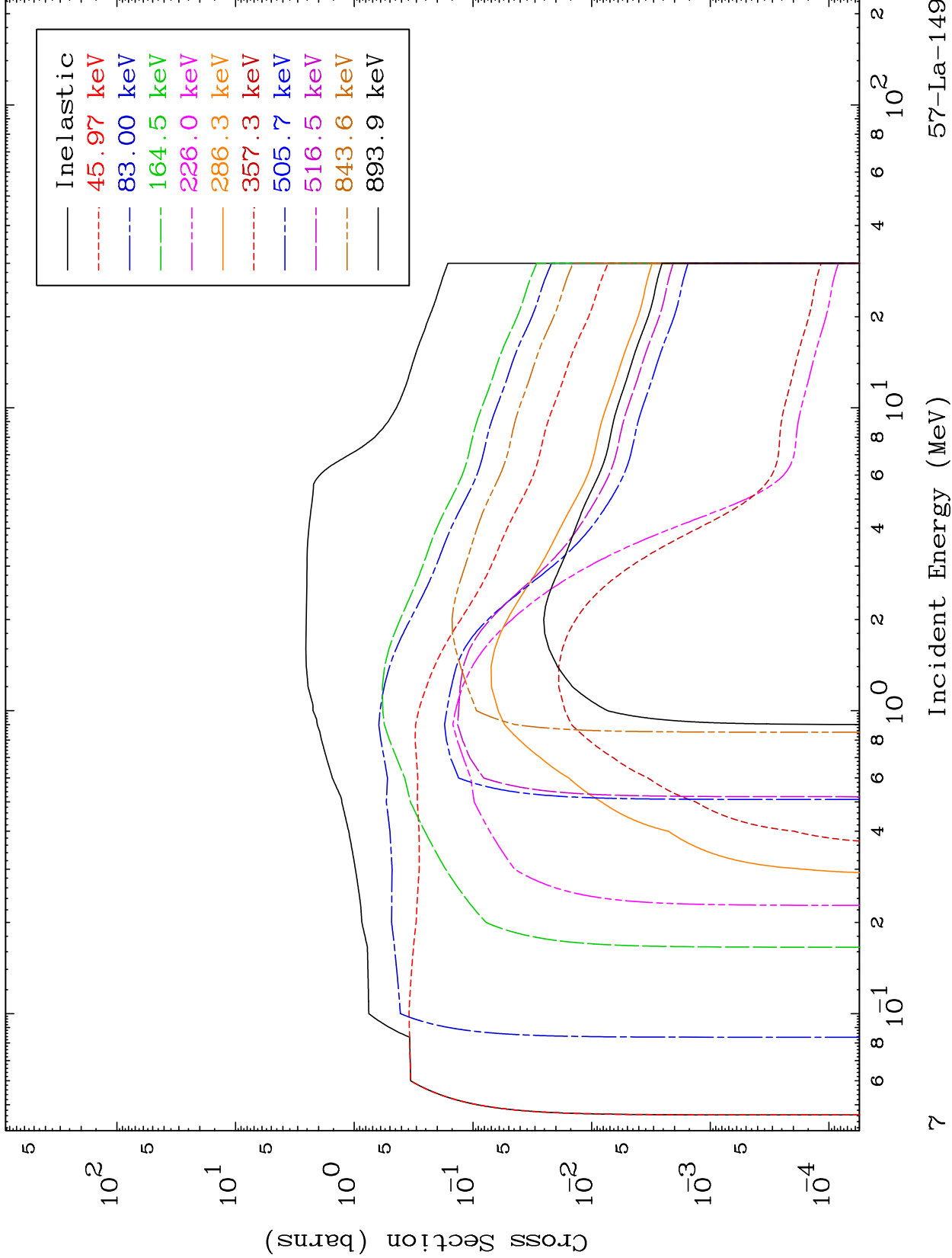
Particle Production
293 Kelvin Cross Sections

57-La-149



57-La-149

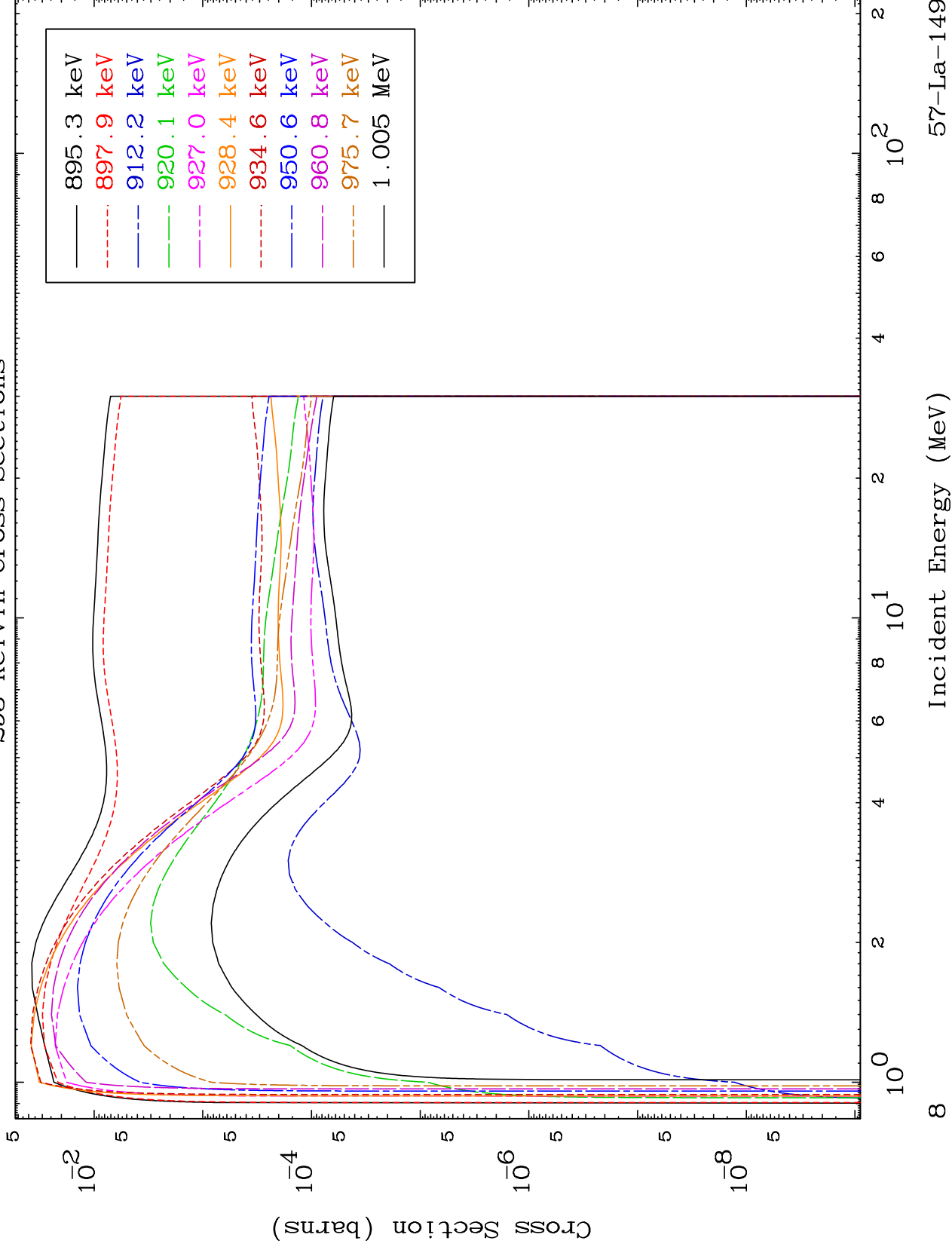
Incident Energy (MeV)



MAT 5758

(n,n') Level
293 Kelvin Cross Sections

57-La-149

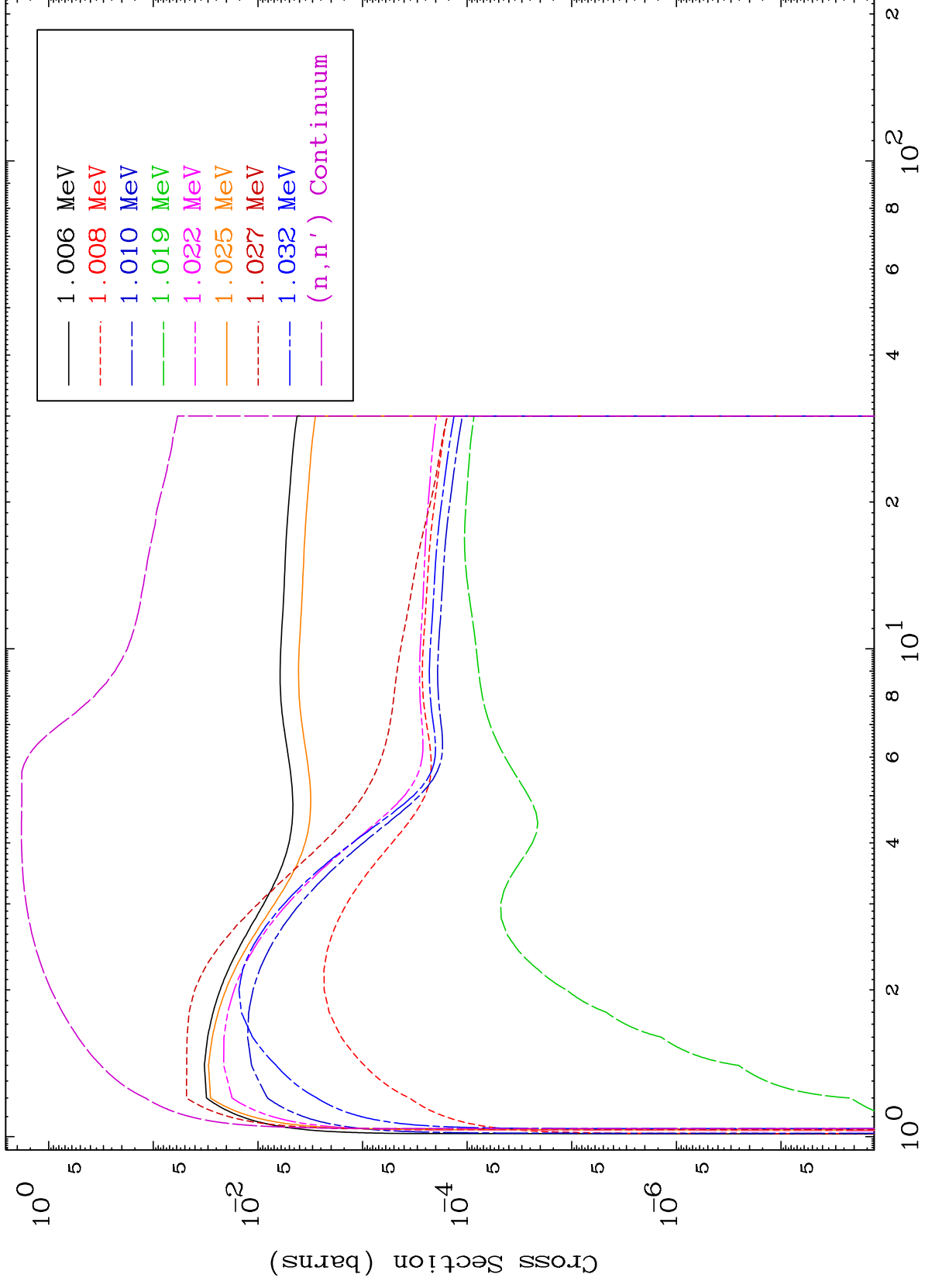


MAT 5758

(n,n') Level

57-La-149

293 Kelvin Cross Sections



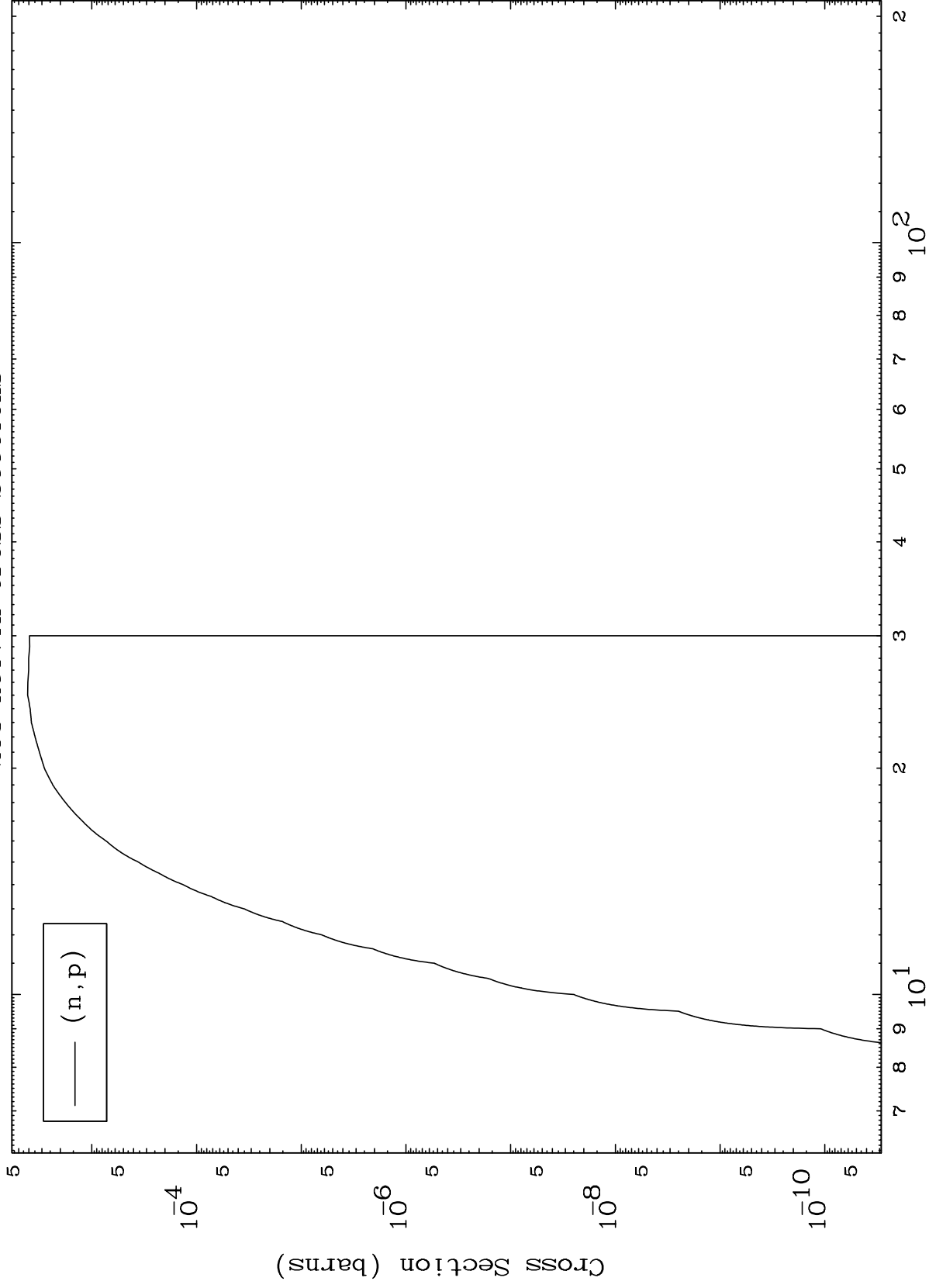
Incident Energy (MeV)

57-La-149

MAT 5758

(n,p) Levels
293 Kelvin Cross Sections

57-La-149



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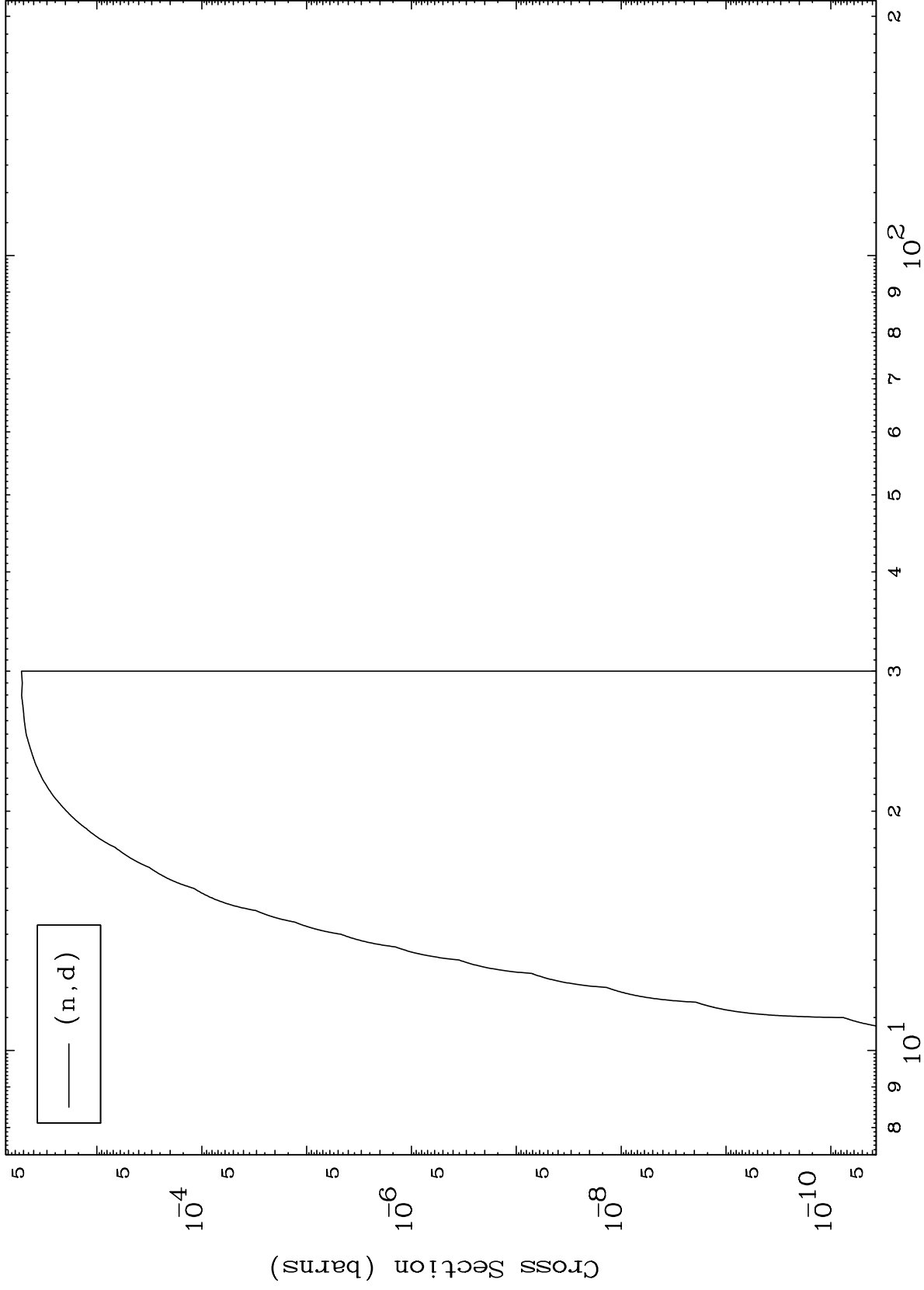
Incident Energy (MeV)

57-La-149

MAT 5758

(n,d) Levels
293 Kelvin Cross Sections

57-La-149



11

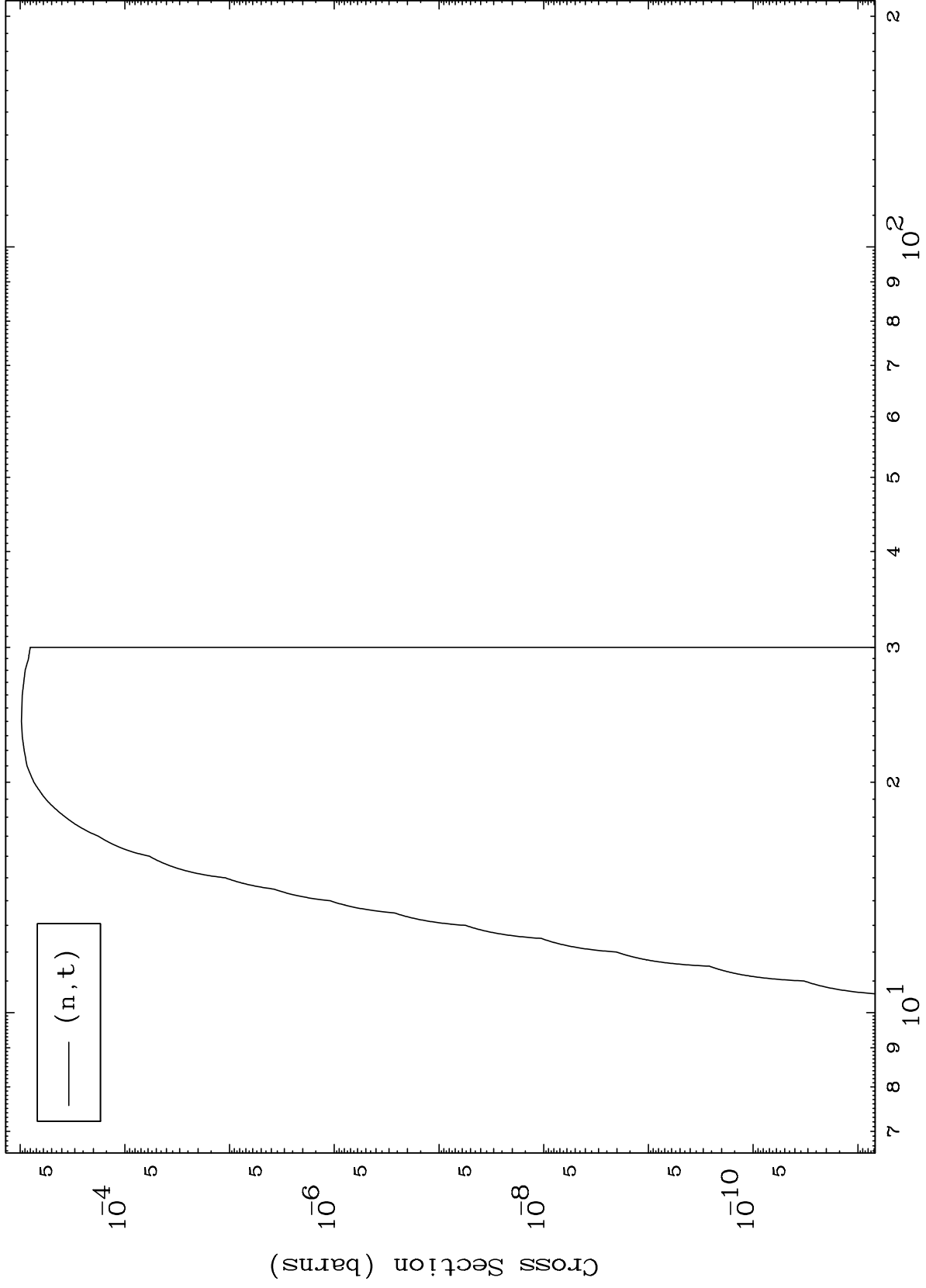
Incident Energy (MeV)

57-La-149

MAT 5758

(n,t) Levels
293 Kelvin Cross Sections

57-La-149



12

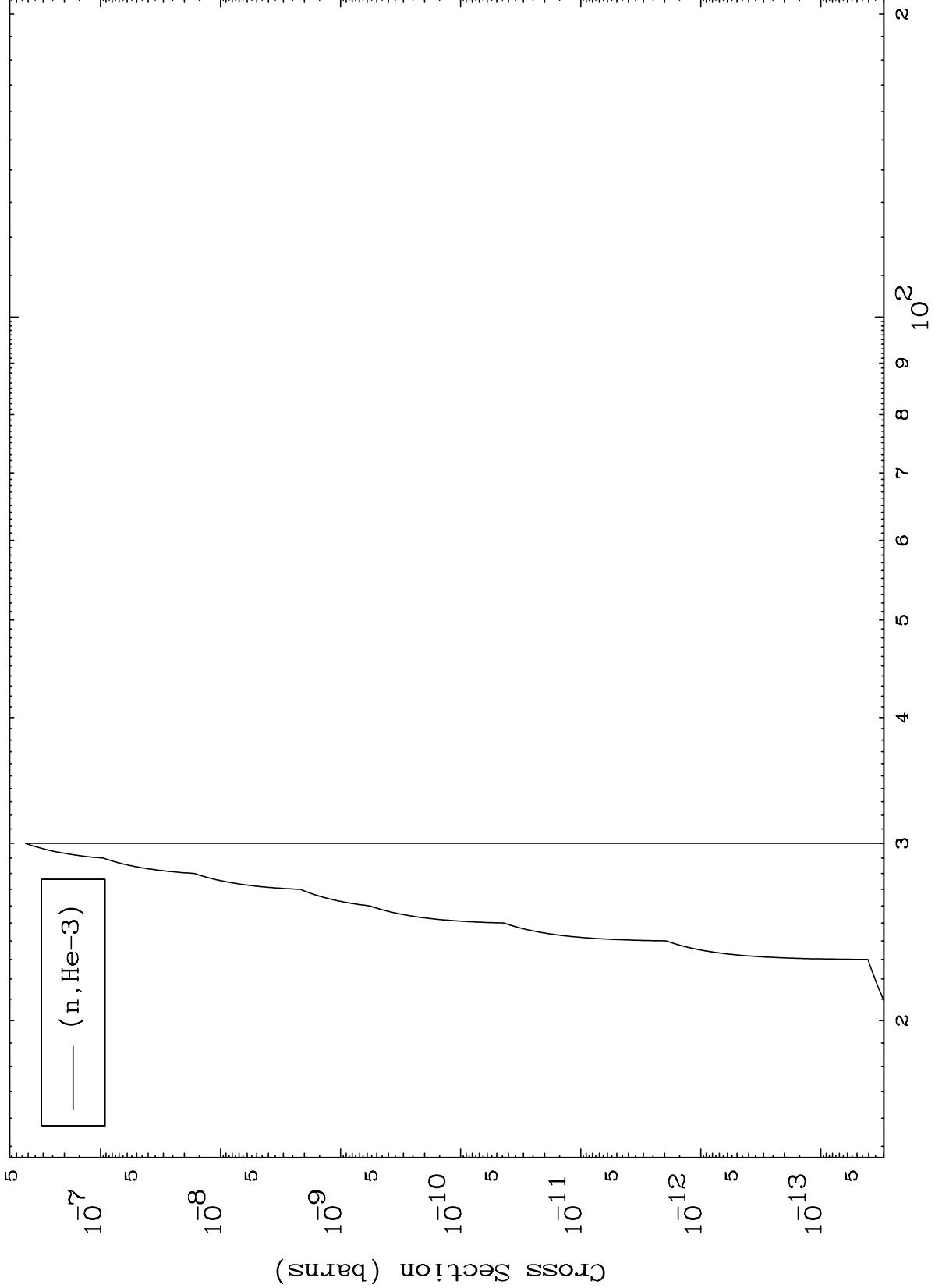
Incident Energy (MeV)

57-La-149

MAT 5758

(n,He3) Levels
293 Kelvin Cross Sections

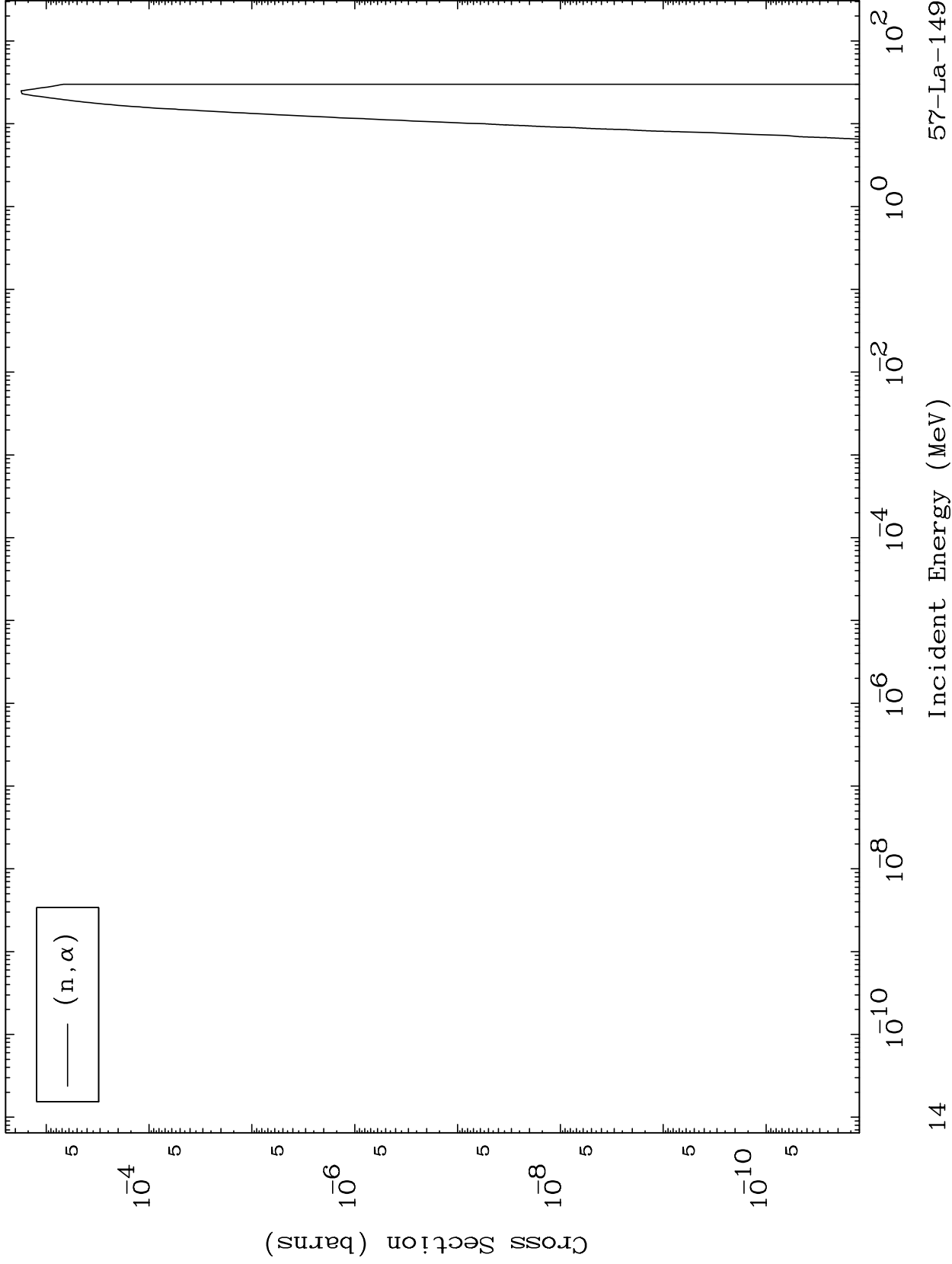
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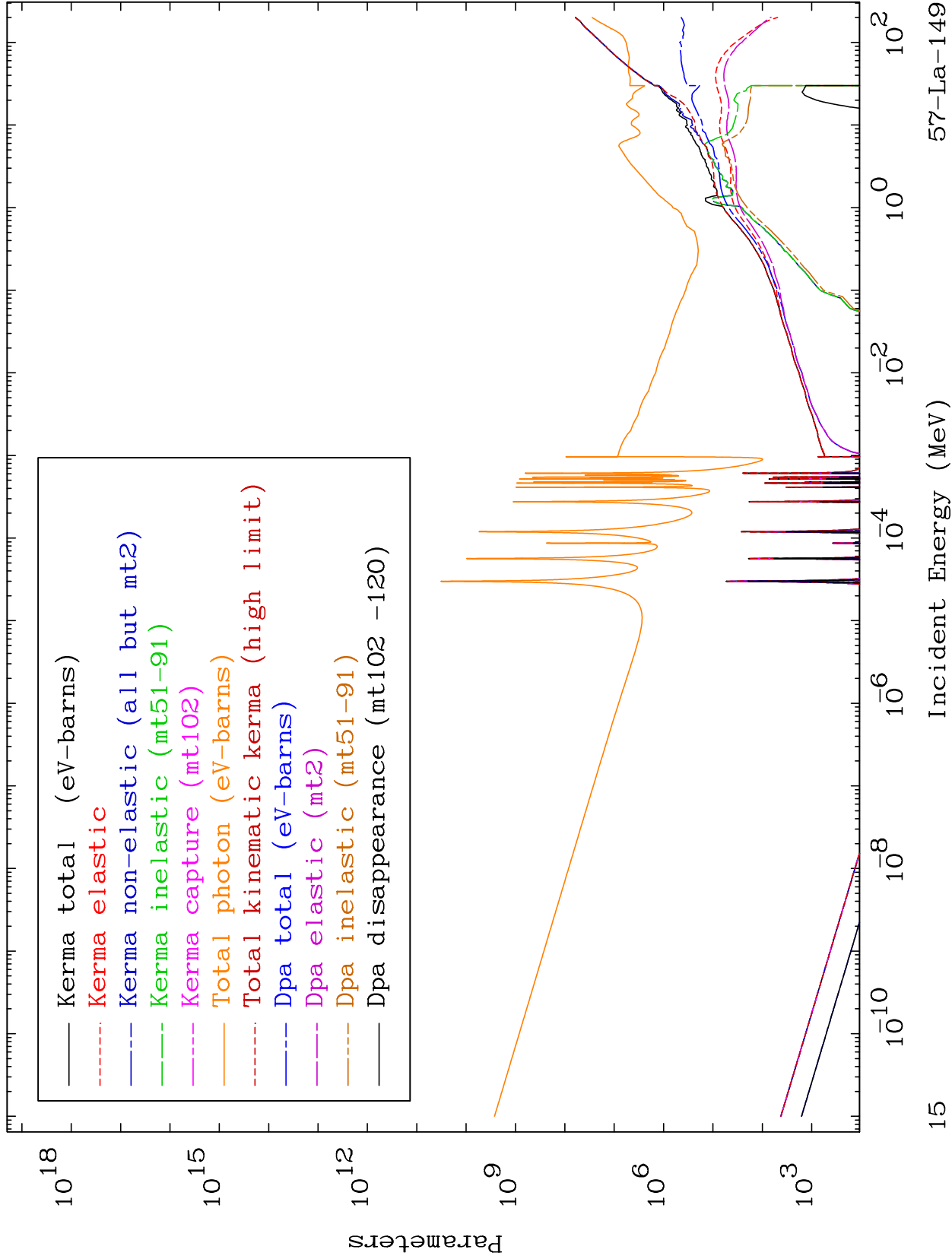


MAT 5758

(n, α) Levels
293 Kelvin Cross Sections

57-La-149

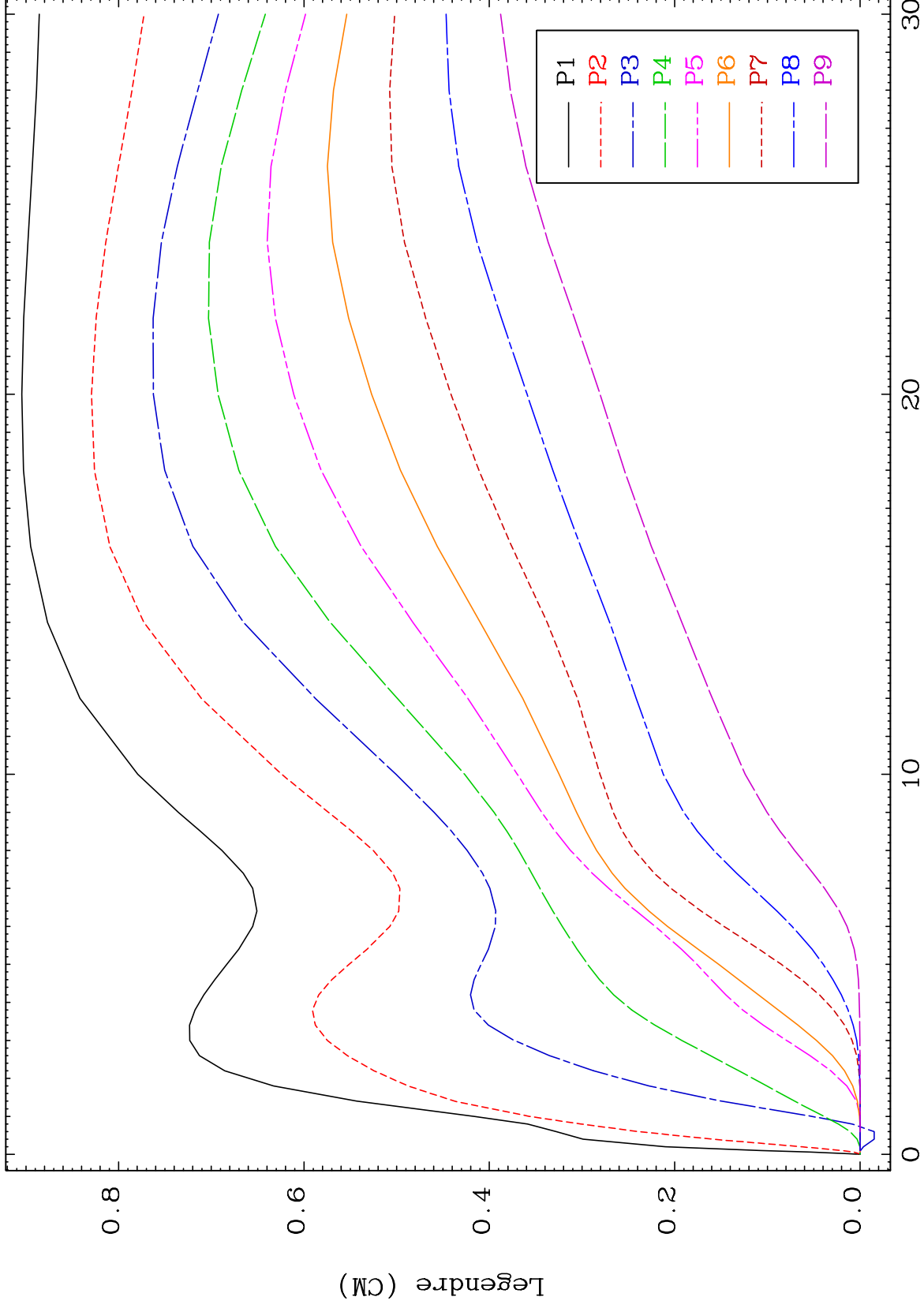




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Elastic Legendre Coefficients

57-La-149



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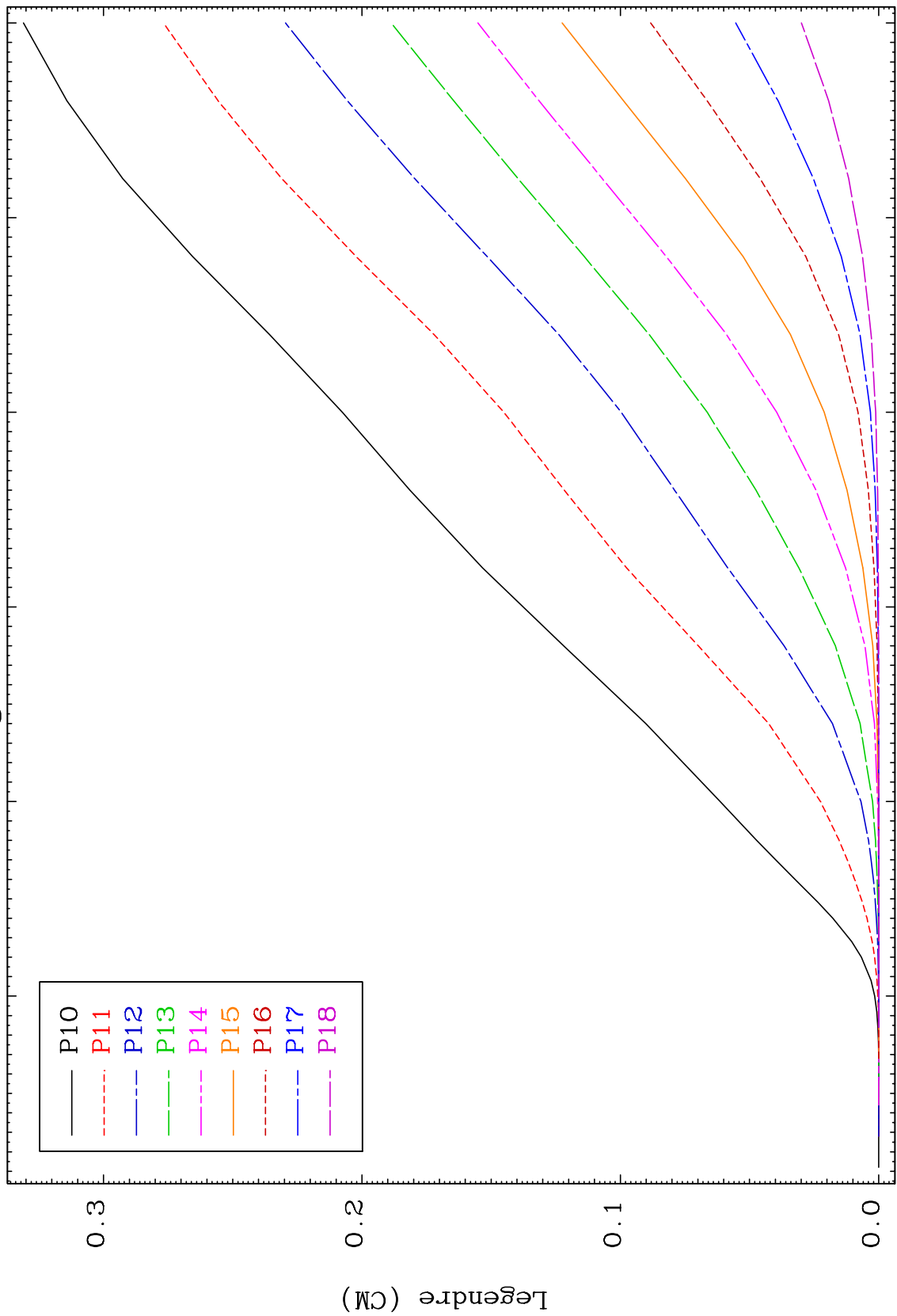
Incident Energy (MeV)

57-La-149

MAT 5758

Elastic Legendre Coefficients

⁵⁷La-149



17

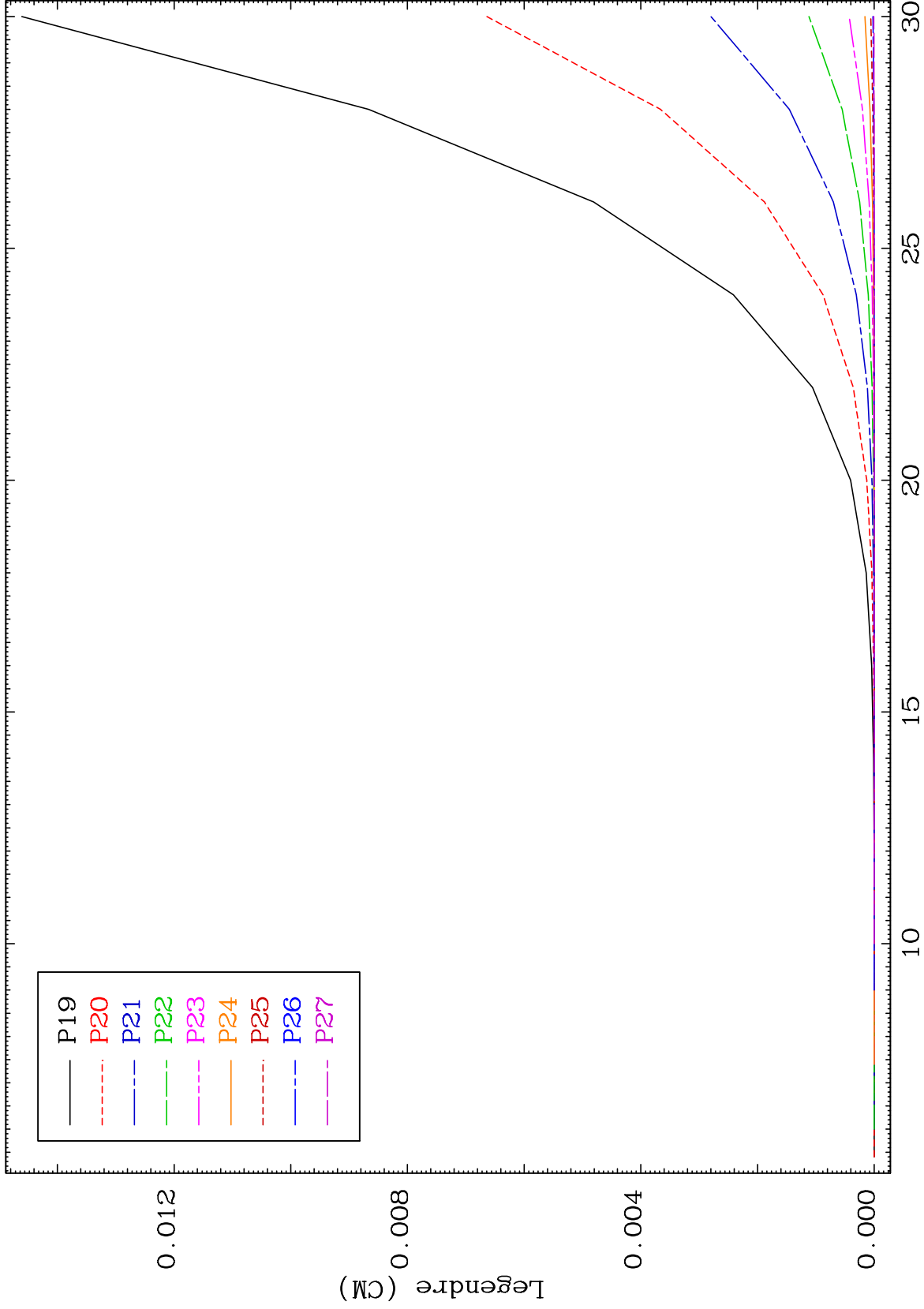
Incident Energy (MeV)

⁵⁷La-149

MAT 5758

Elastic
Legendre Coefficients

57-La-149



18

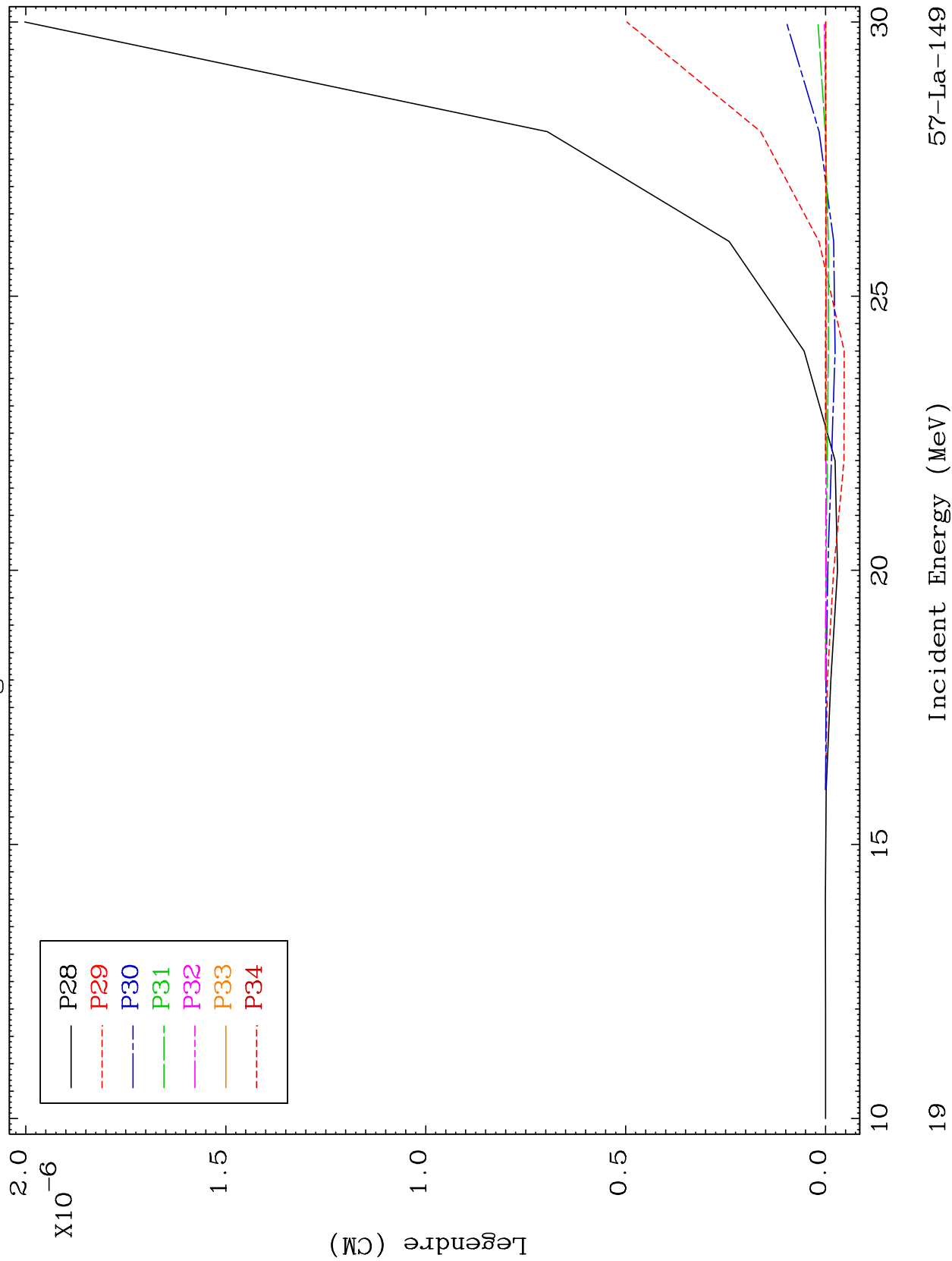
Incident Energy (MeV)

57-La-149

MAT 5758

Elastic Legendre Coefficients

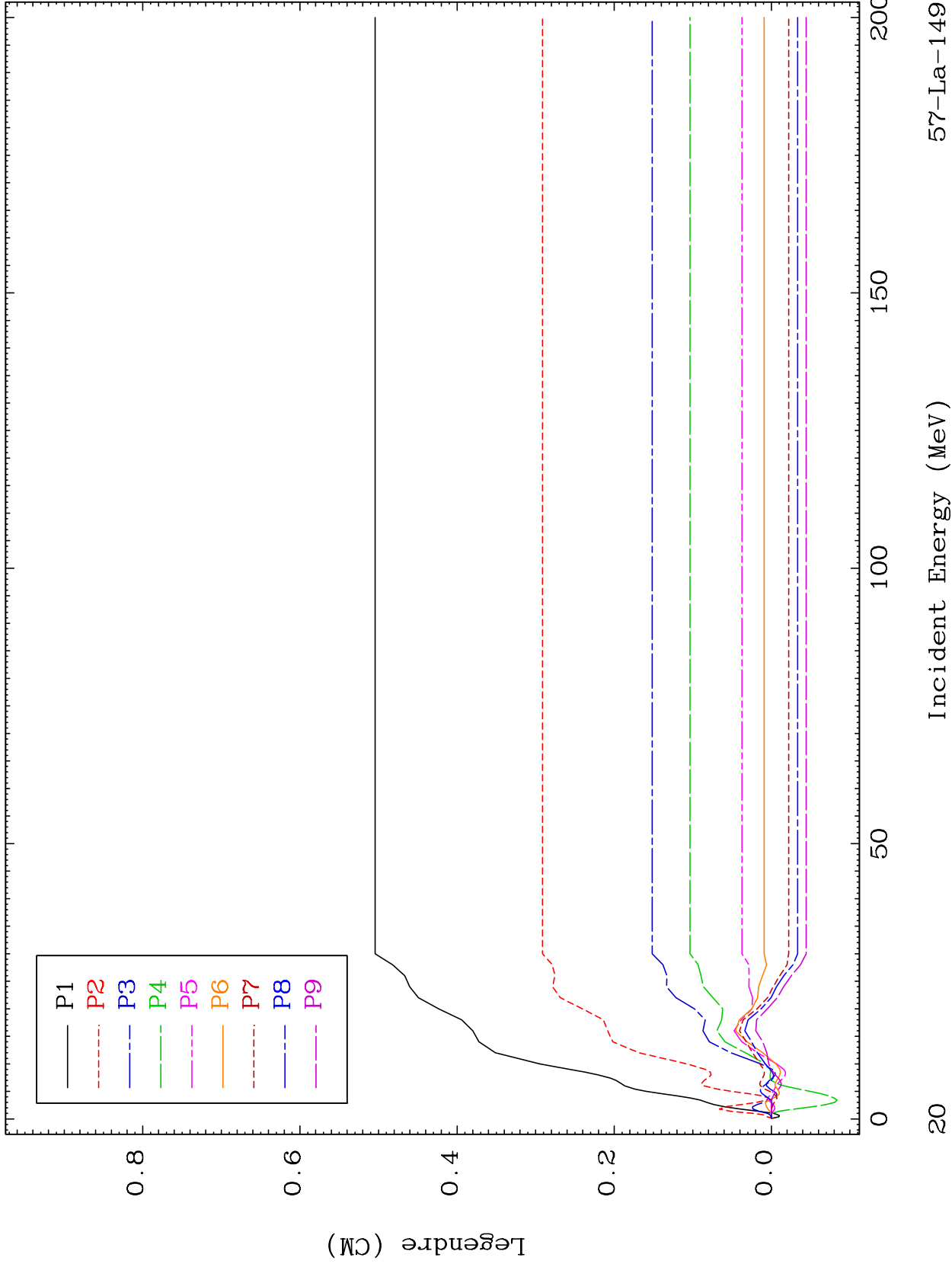
57-La-149



MAT 5758

45.97 keV (n,n') Level
Legendre Coefficients

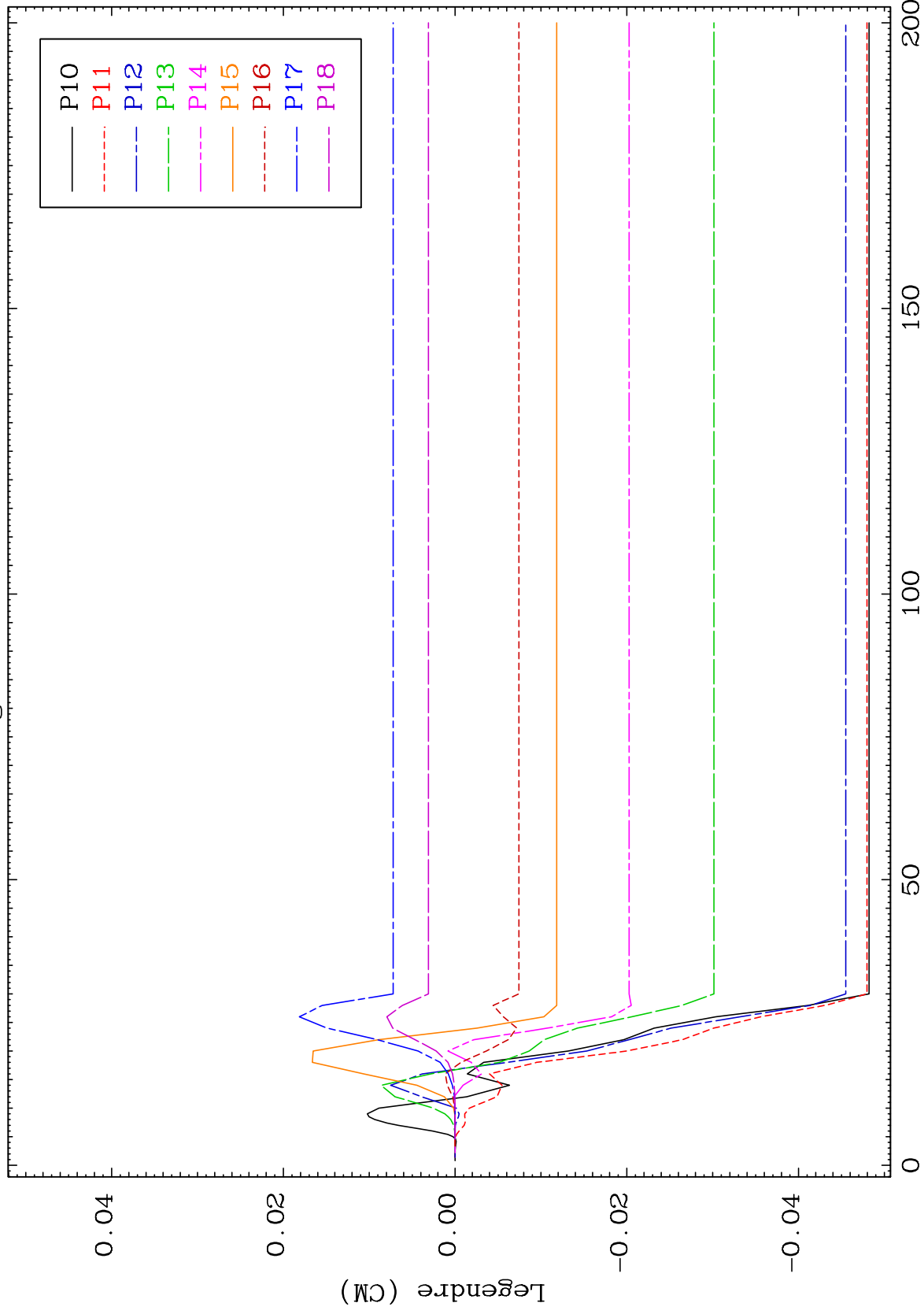
57-La-149



MAT 5758

45.97 keV (n,n') Level
Legendre Coefficients

57-La-149



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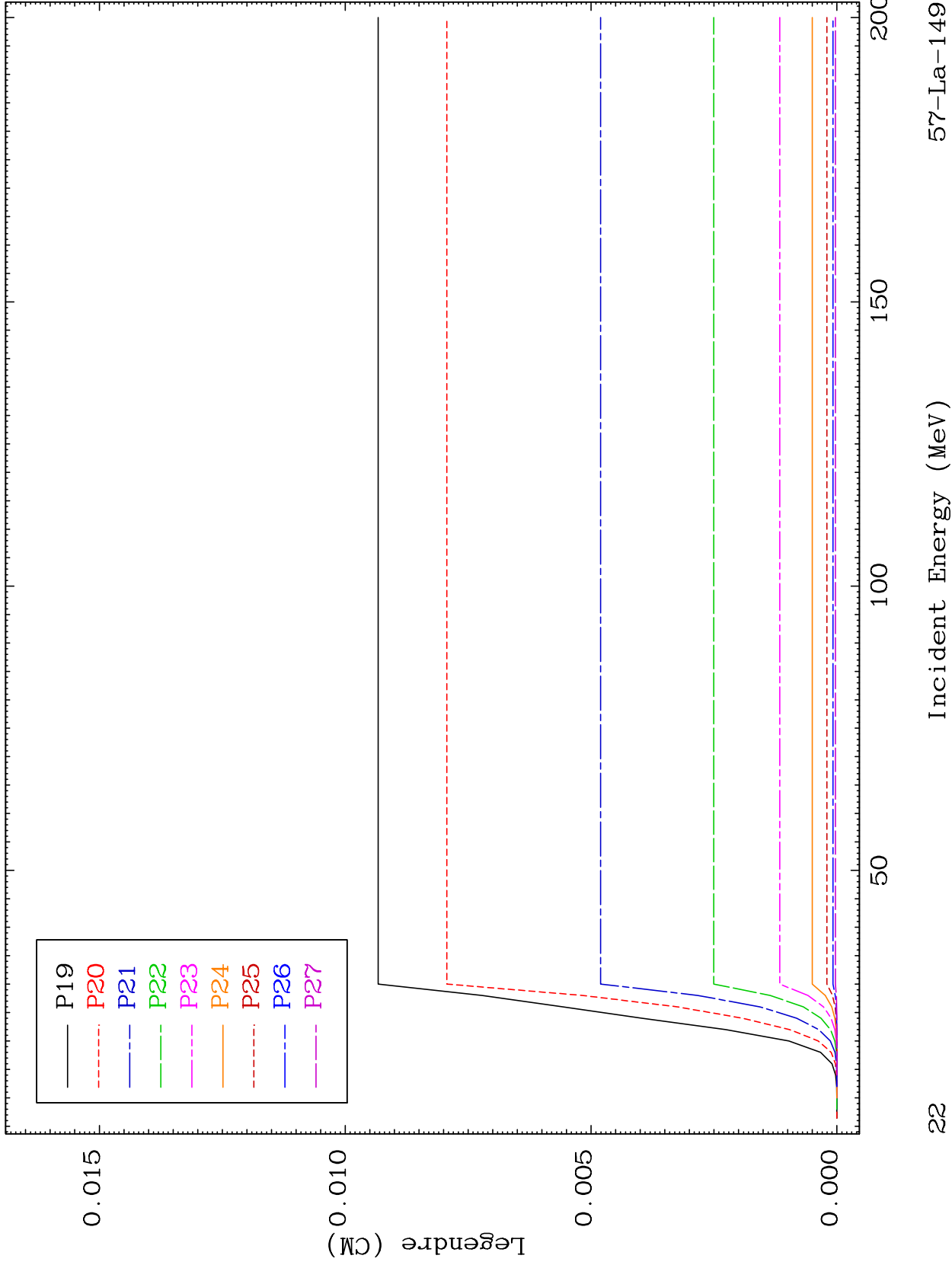
Incident Energy (MeV)

57-La-149

MAT 5758

45.97 keV (n,n') Level
Legendre Coefficients

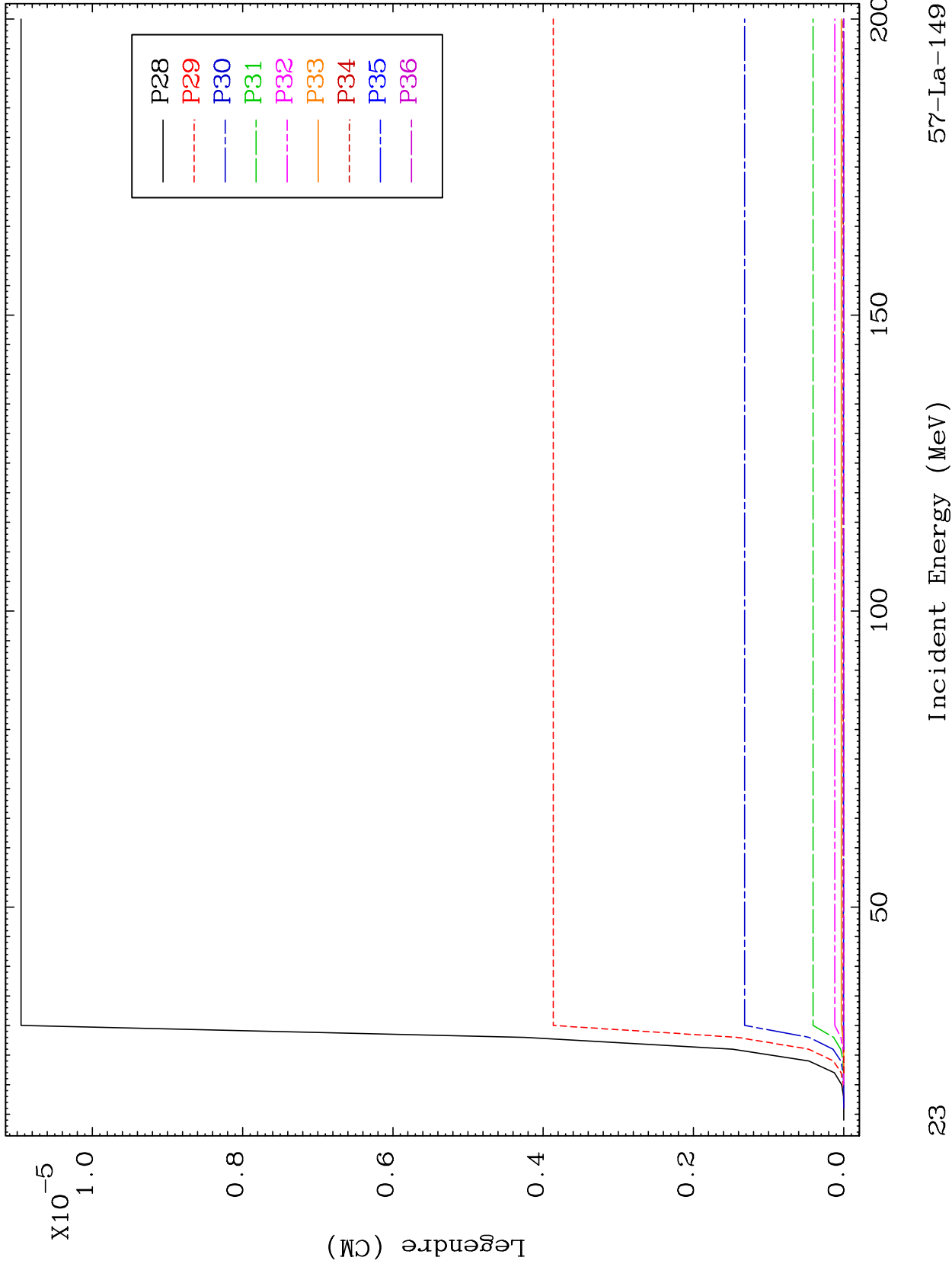
57-La-149



MAT 5758

45.97 keV (n, n') Level
Legendre Coefficients

57-La-149



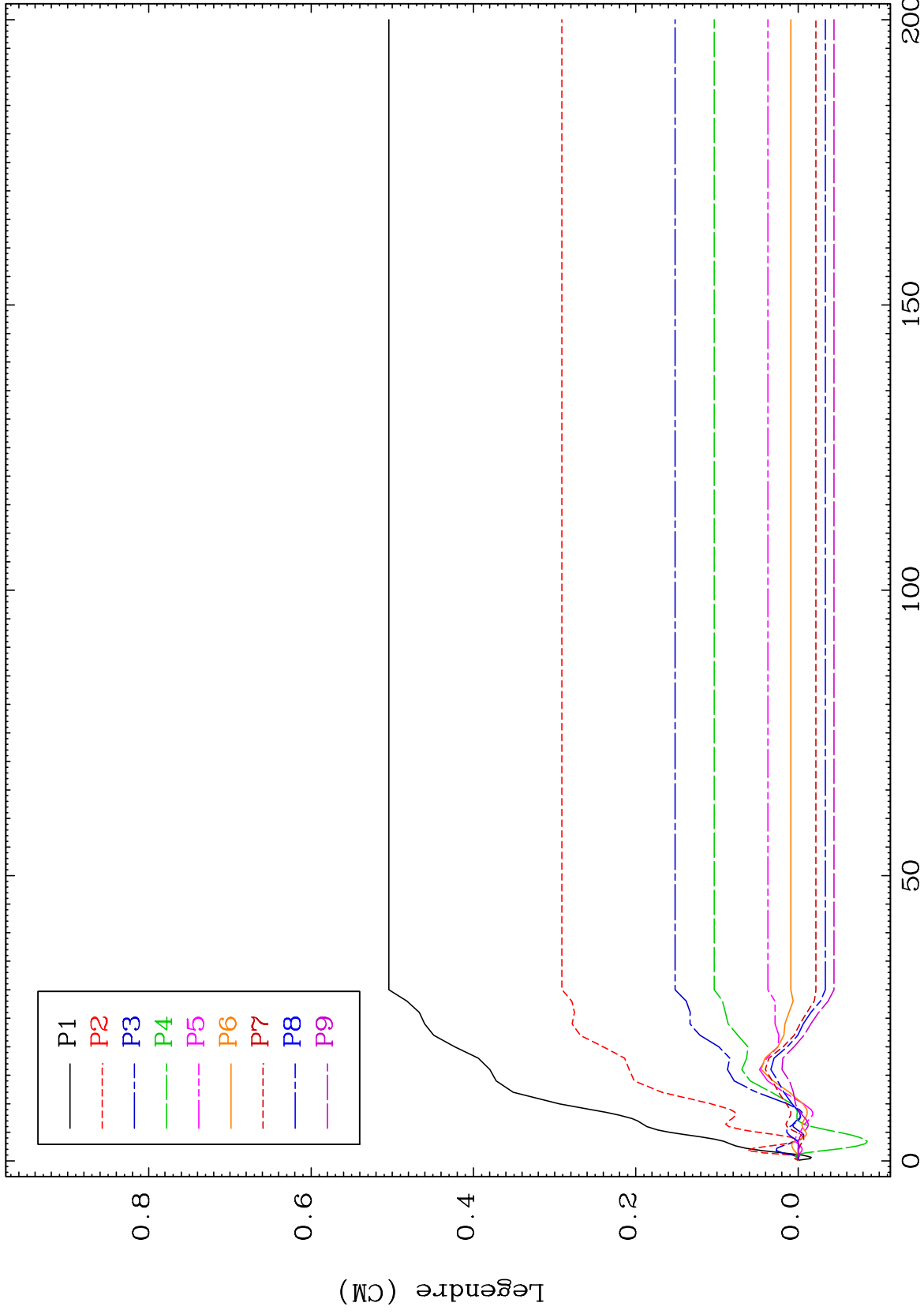
23

57-La-149

MAT 5758

83.00 keV (n,n') Level
Legendre Coefficients

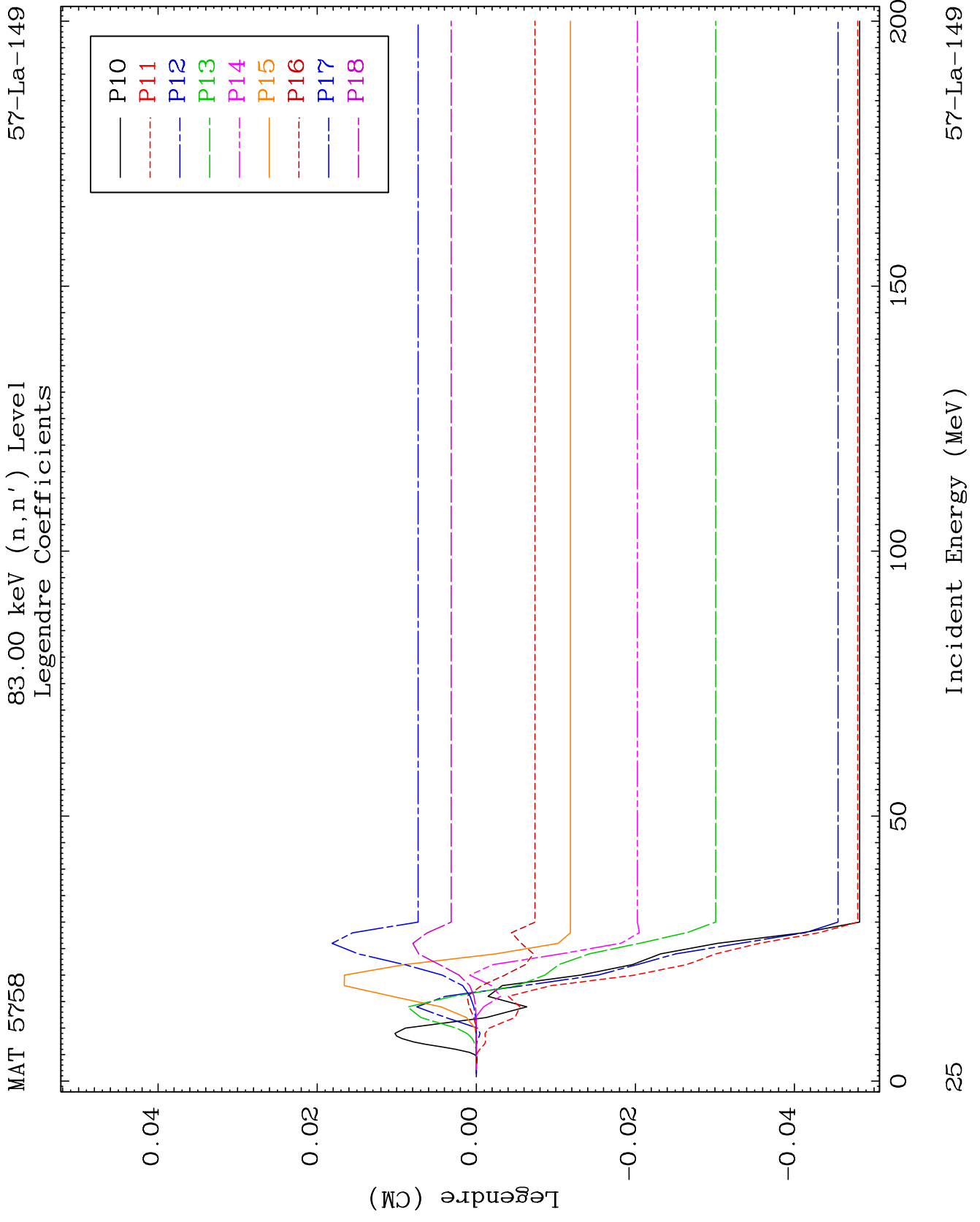
57-La-149

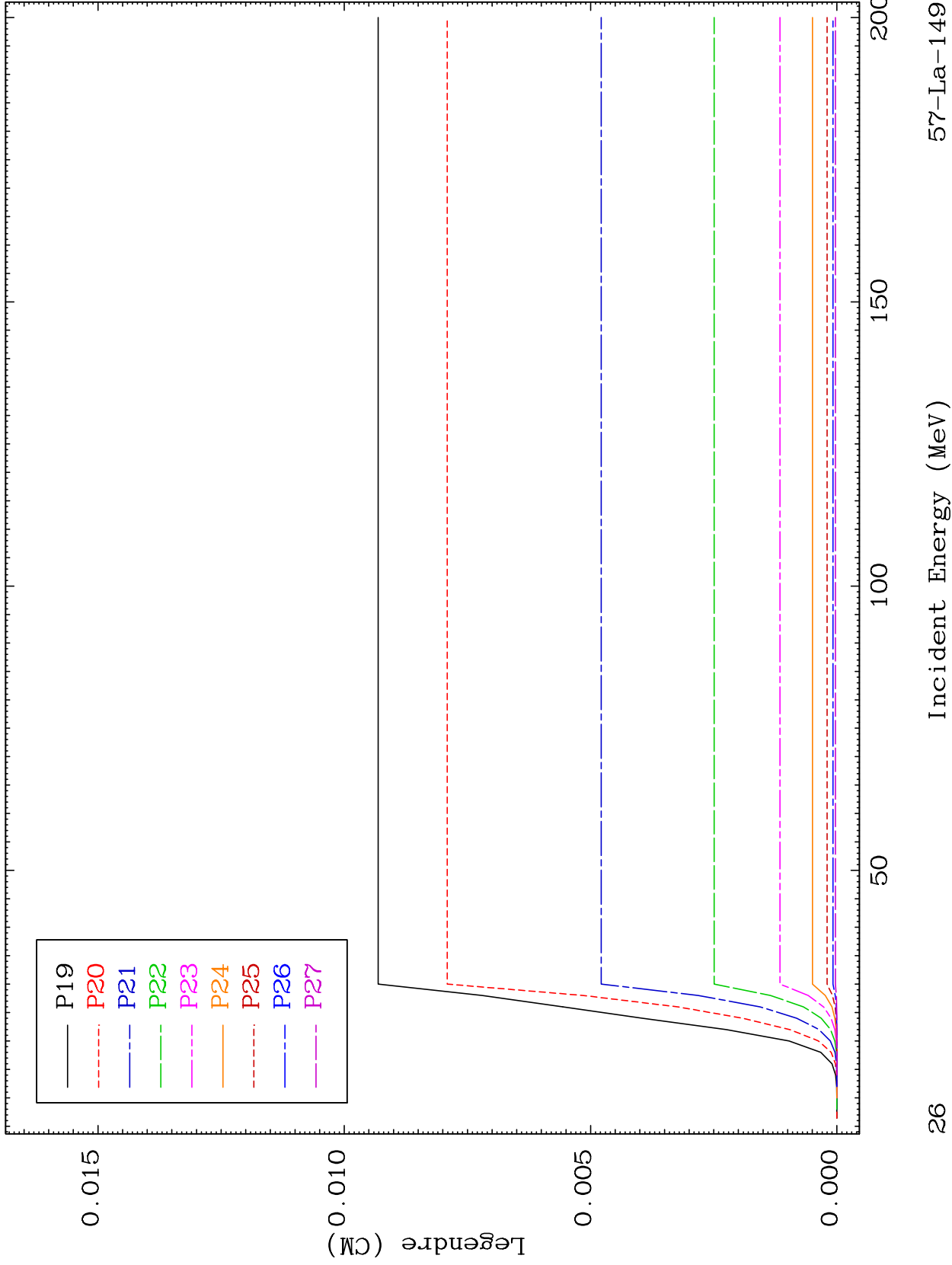


24

Incident Energy (MeV)

57-La-149

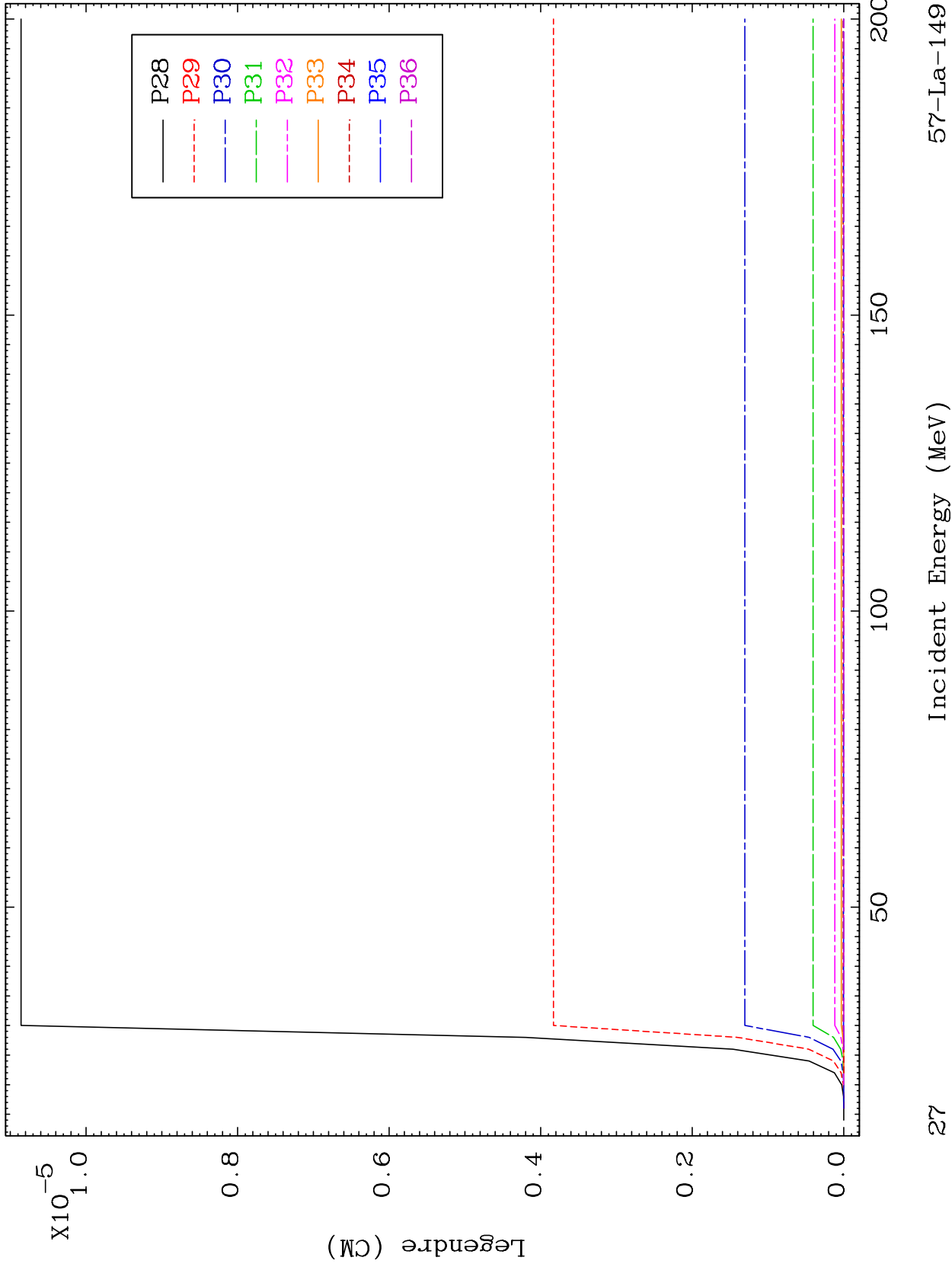




MAT 5758

83.00 keV (n,n') Level
Legendre Coefficients

57-La-149



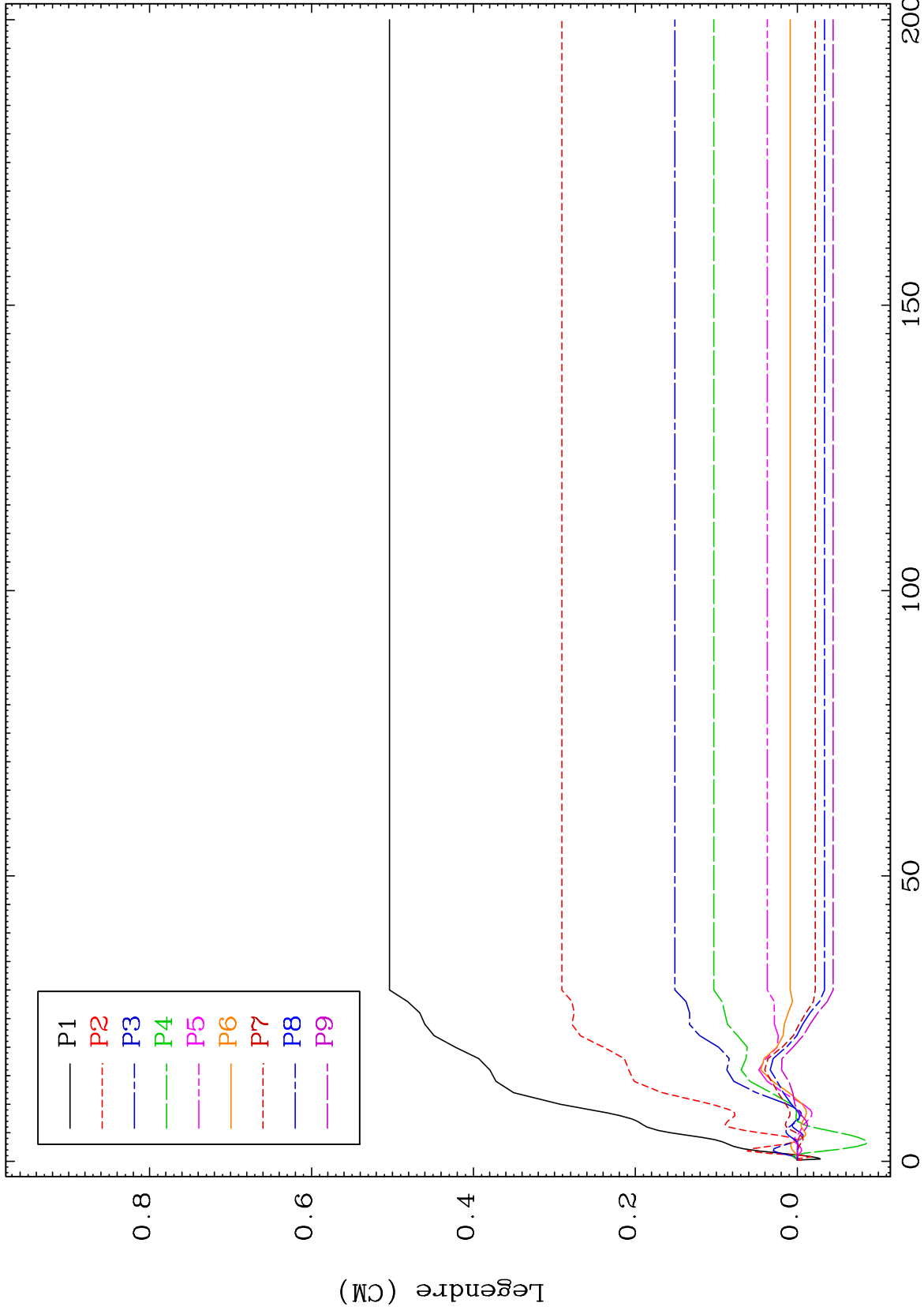
27

57-La-149

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164.5 keV (n,n') Level
Legendre Coefficients

57-La-149



28

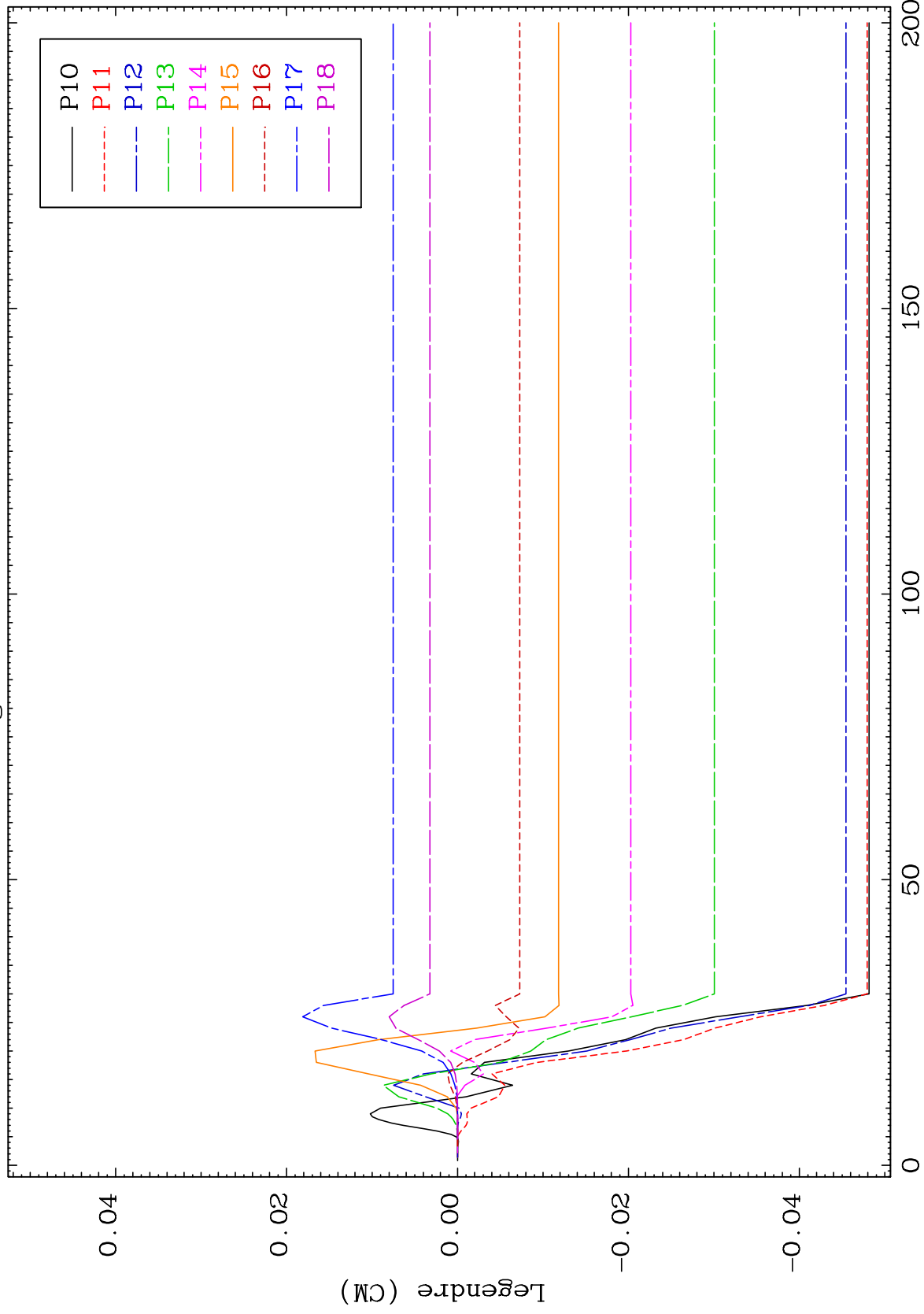
Incident Energy (MeV)

57-La-149

MAT 5758

164.5 keV (n,n') Level
Legendre Coefficients

57-La-149



29

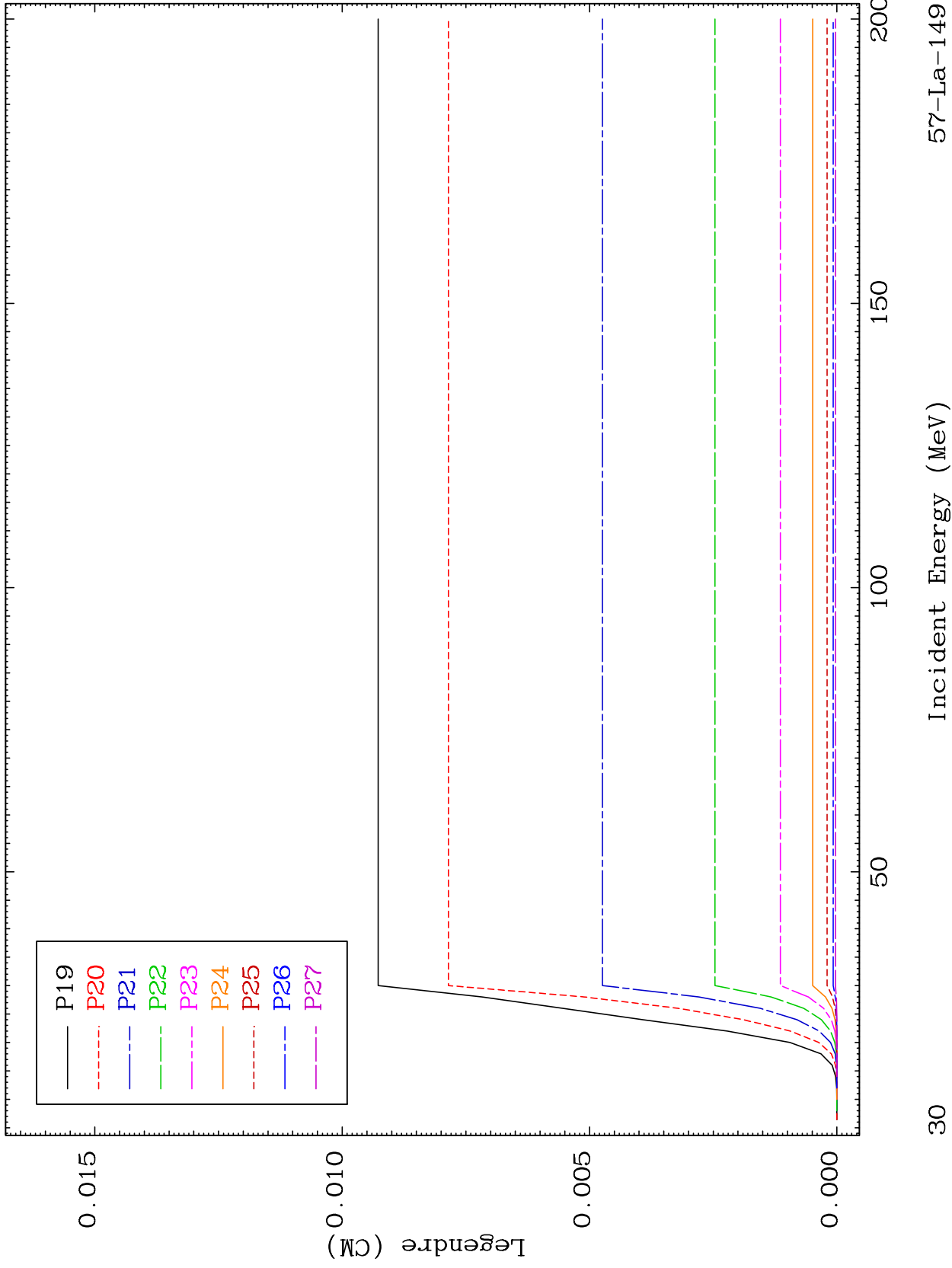
Incident Energy (MeV)

57-La-149

MAT 5758

164.5 keV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

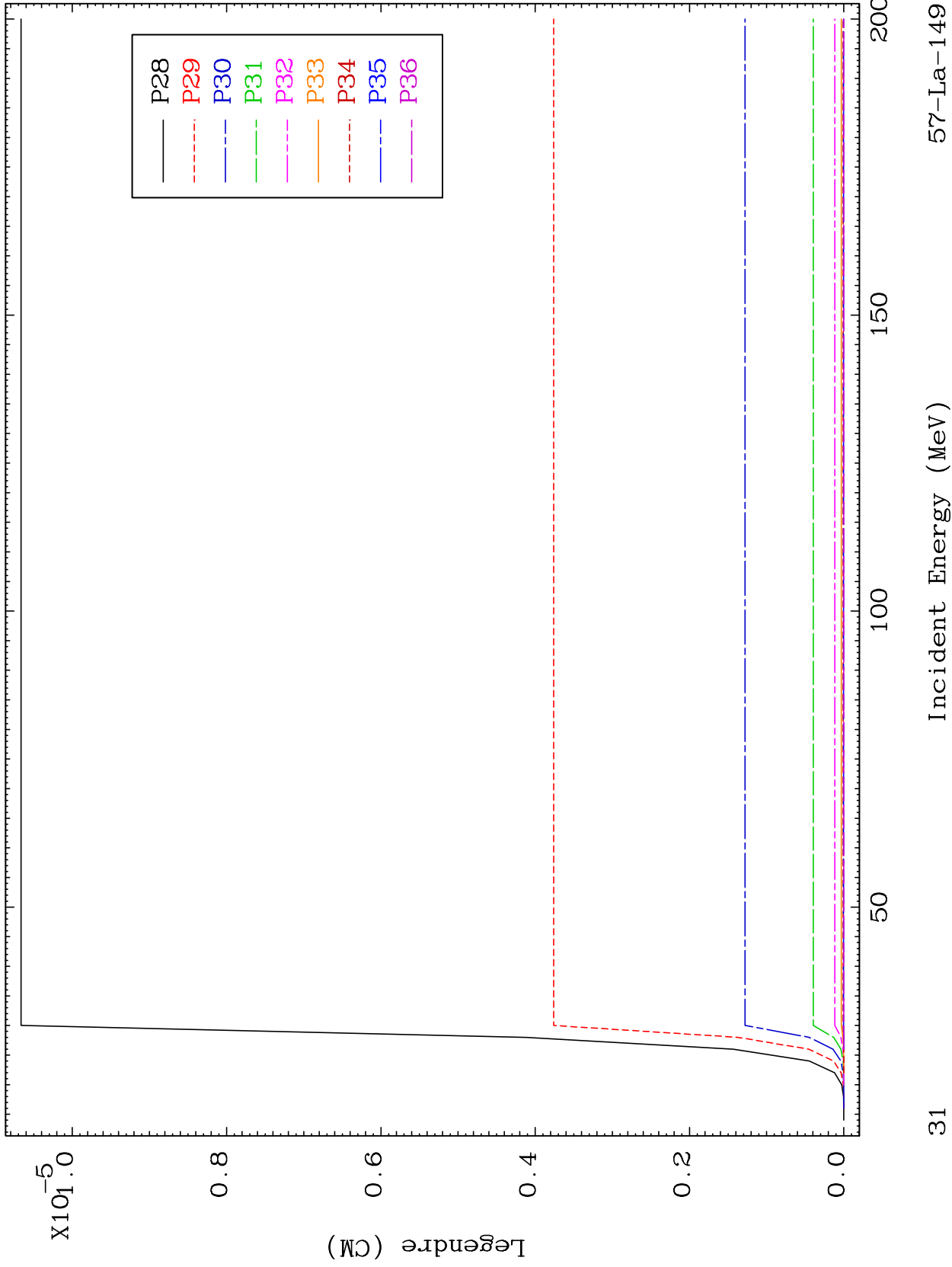
Incident Energy (MeV)

30

MAT 5758

164.5 keV (n, n') Level
Legendre Coefficients

57-La-149



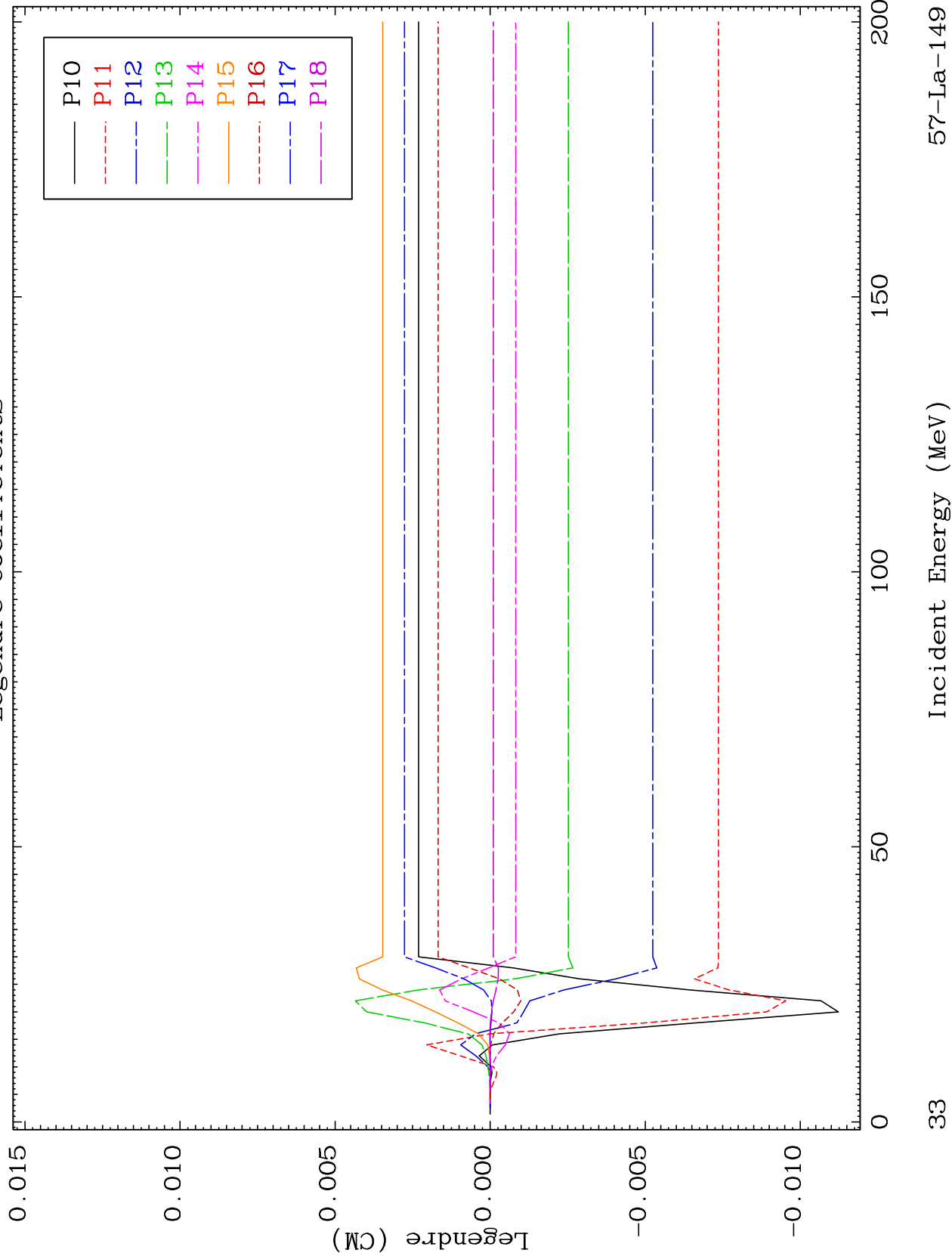
31

57-La-149

MAT 5758

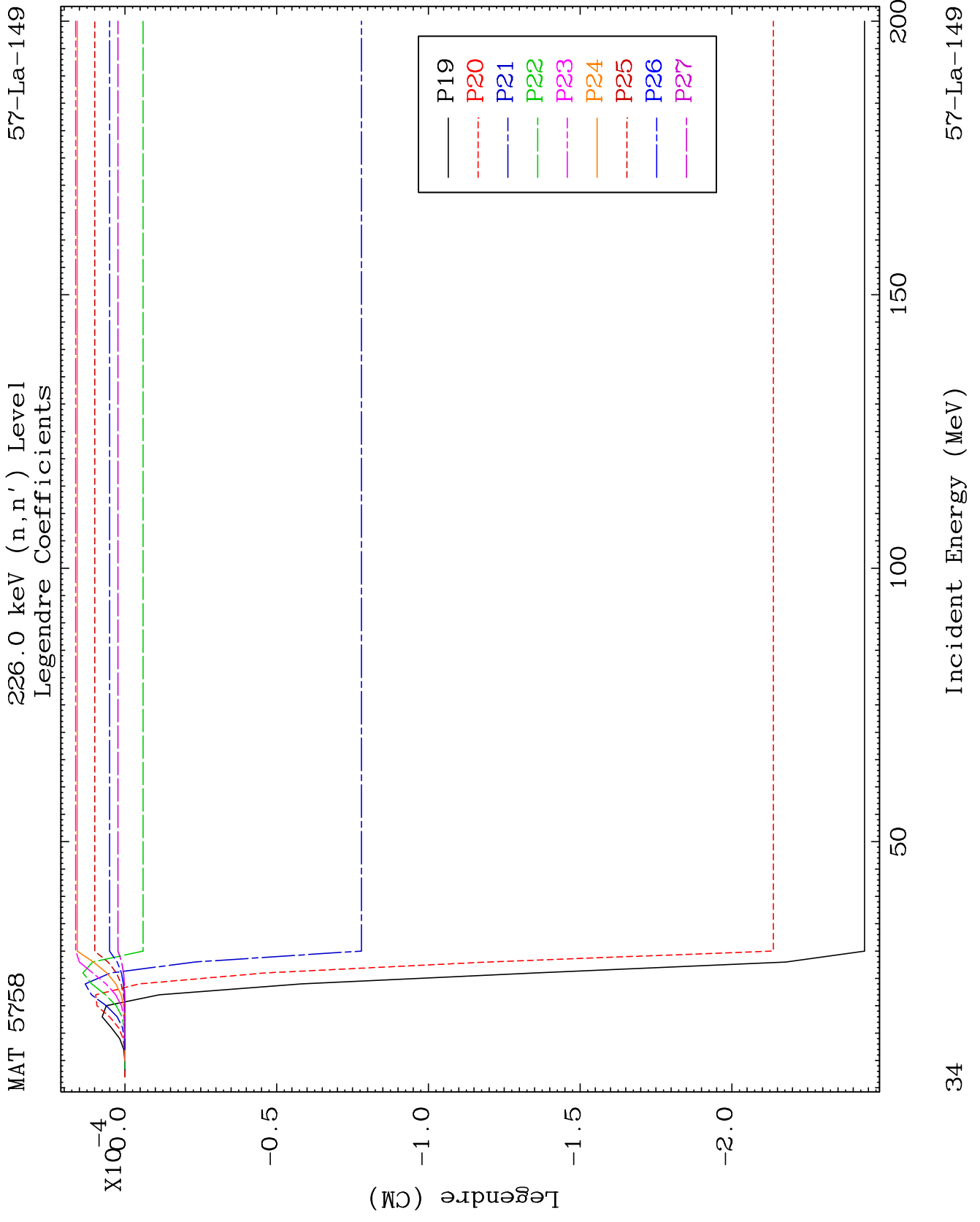
226.0 keV (n,n') Level
Legendre Coefficients

57-La-149



33

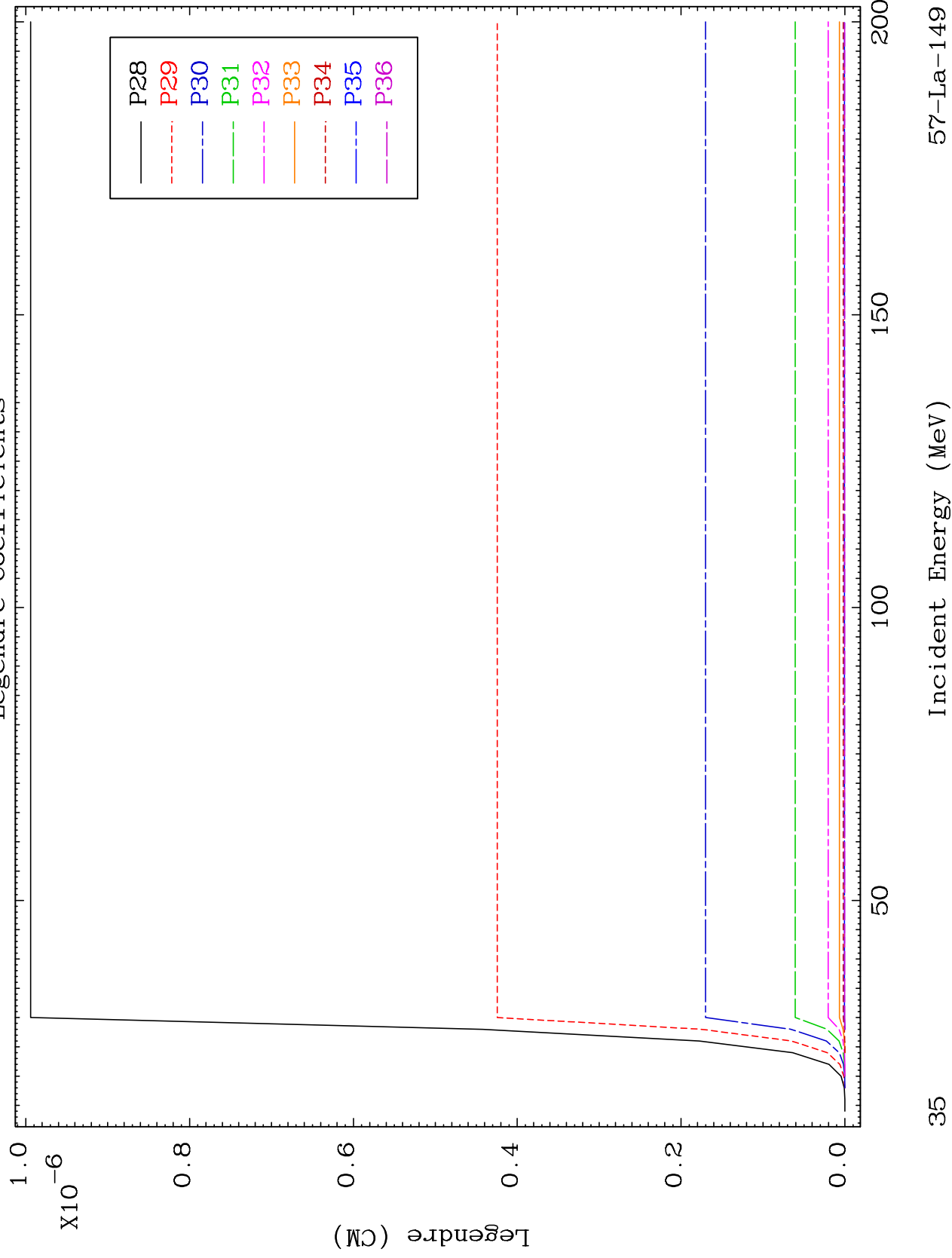
57-La-149



MAT 5758

226.0 keV (n,n') Level
Legendre Coefficients

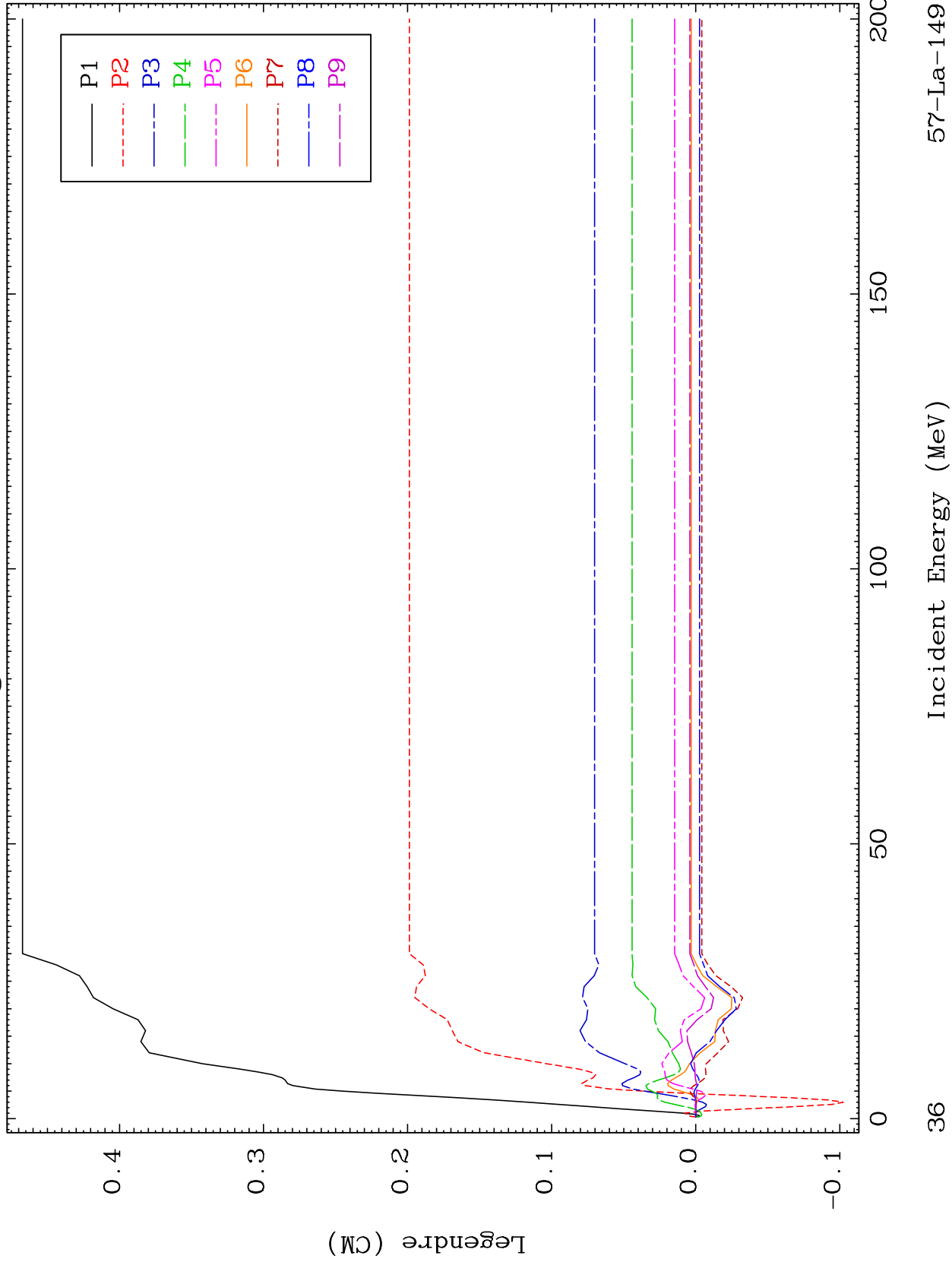
57-La-149



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286.3 keV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

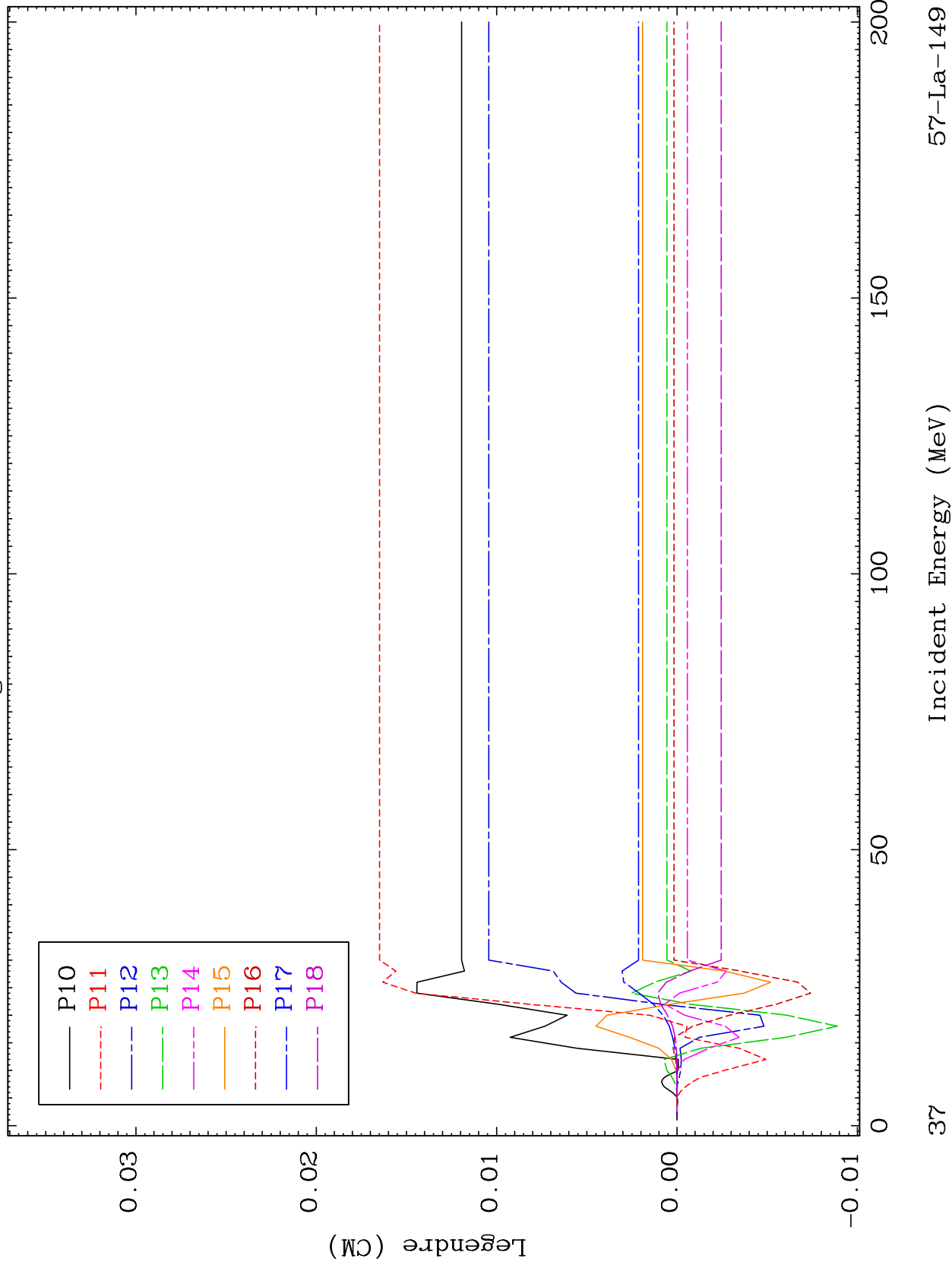
Incident Energy (MeV)

36

MAT 5758

286.3 keV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

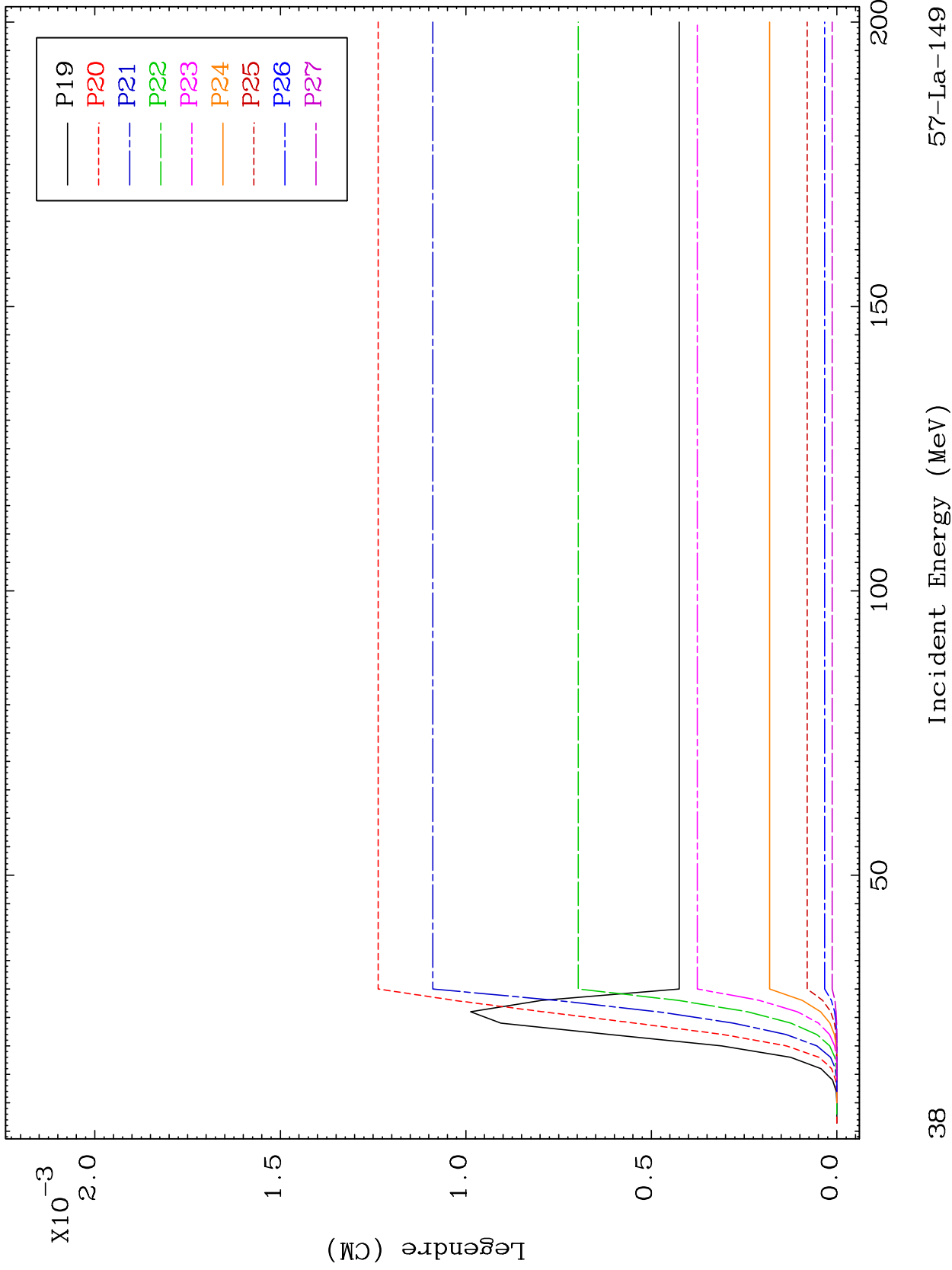
Incident Energy (MeV)

37

MAT 5758

286.3 keV (n,n') Level
Legendre Coefficients

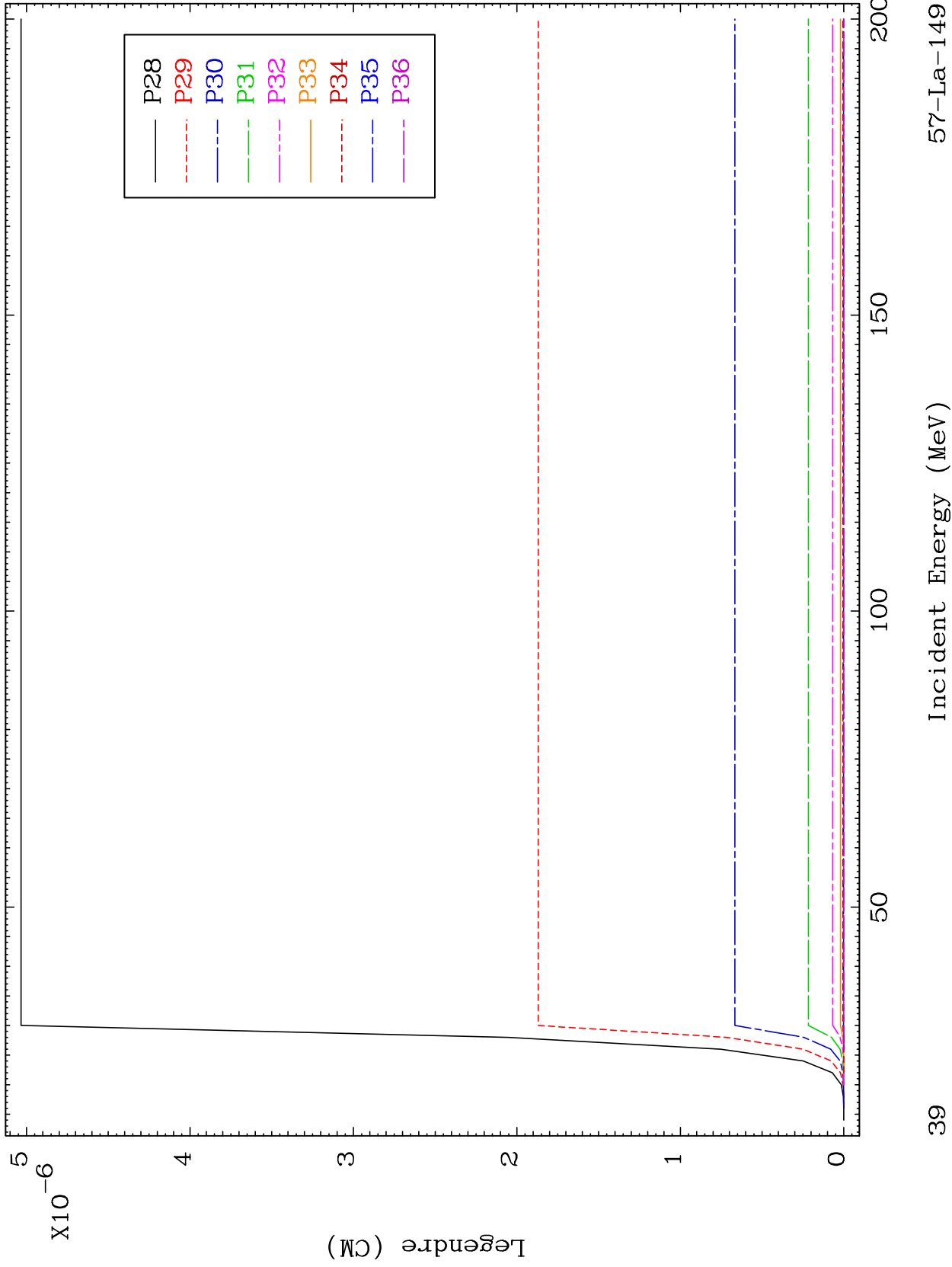
57-La-149



MAT 5758

286.3 keV (n,n') Level
Legendre Coefficients

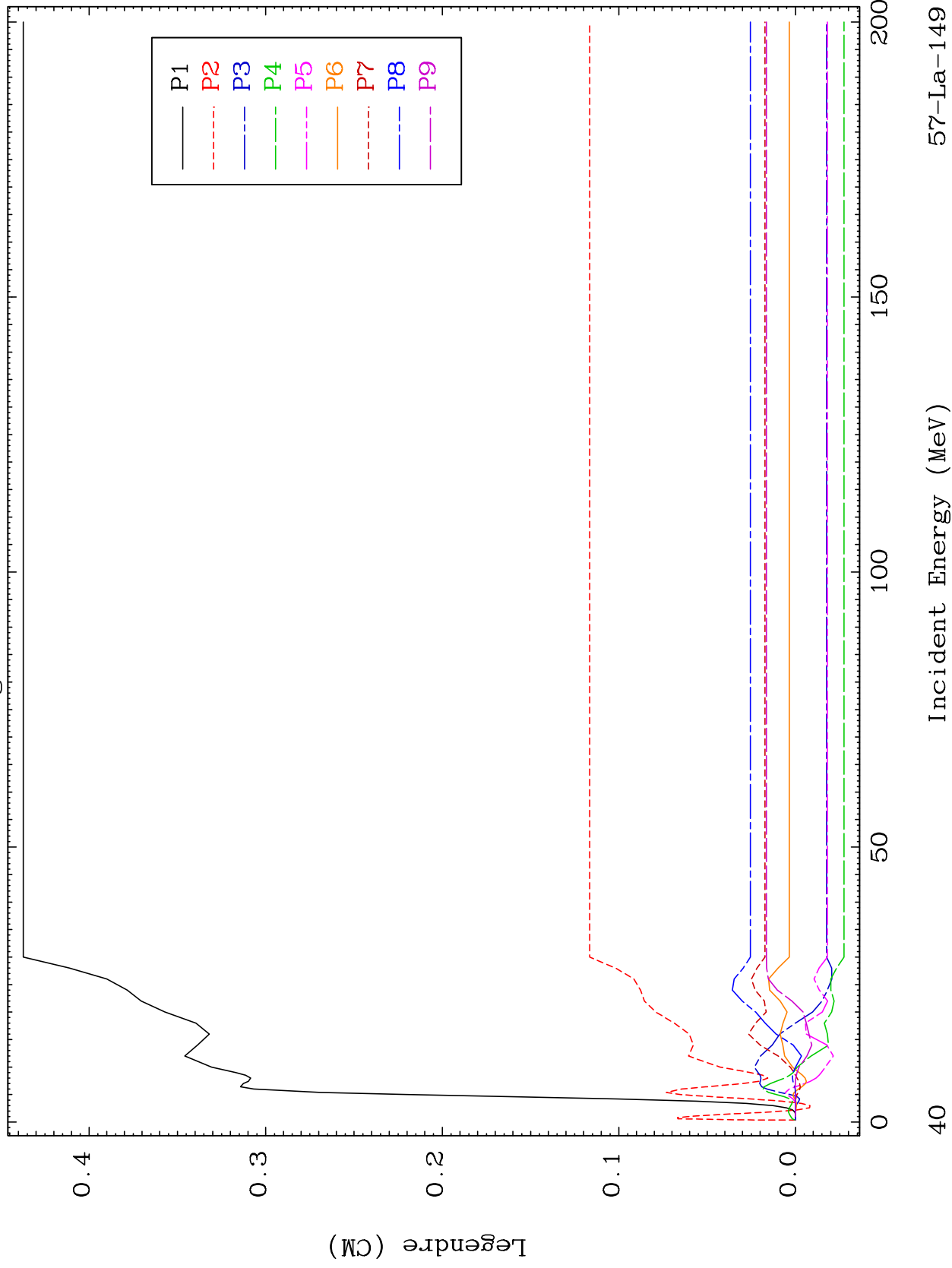
57-La-149



MAT 5758

357.3 keV (n,n') Level
Legendre Coefficients

57-La-149

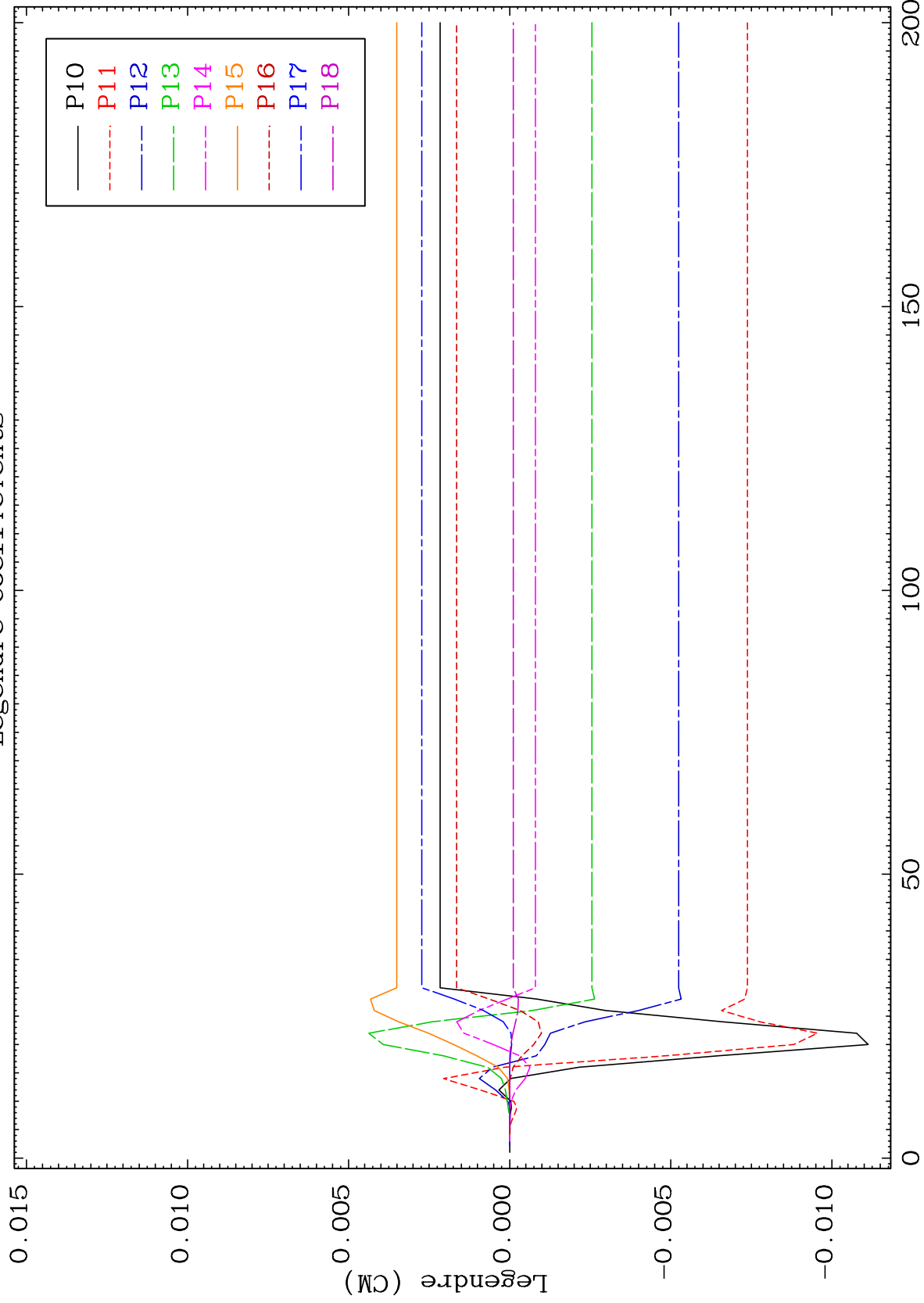


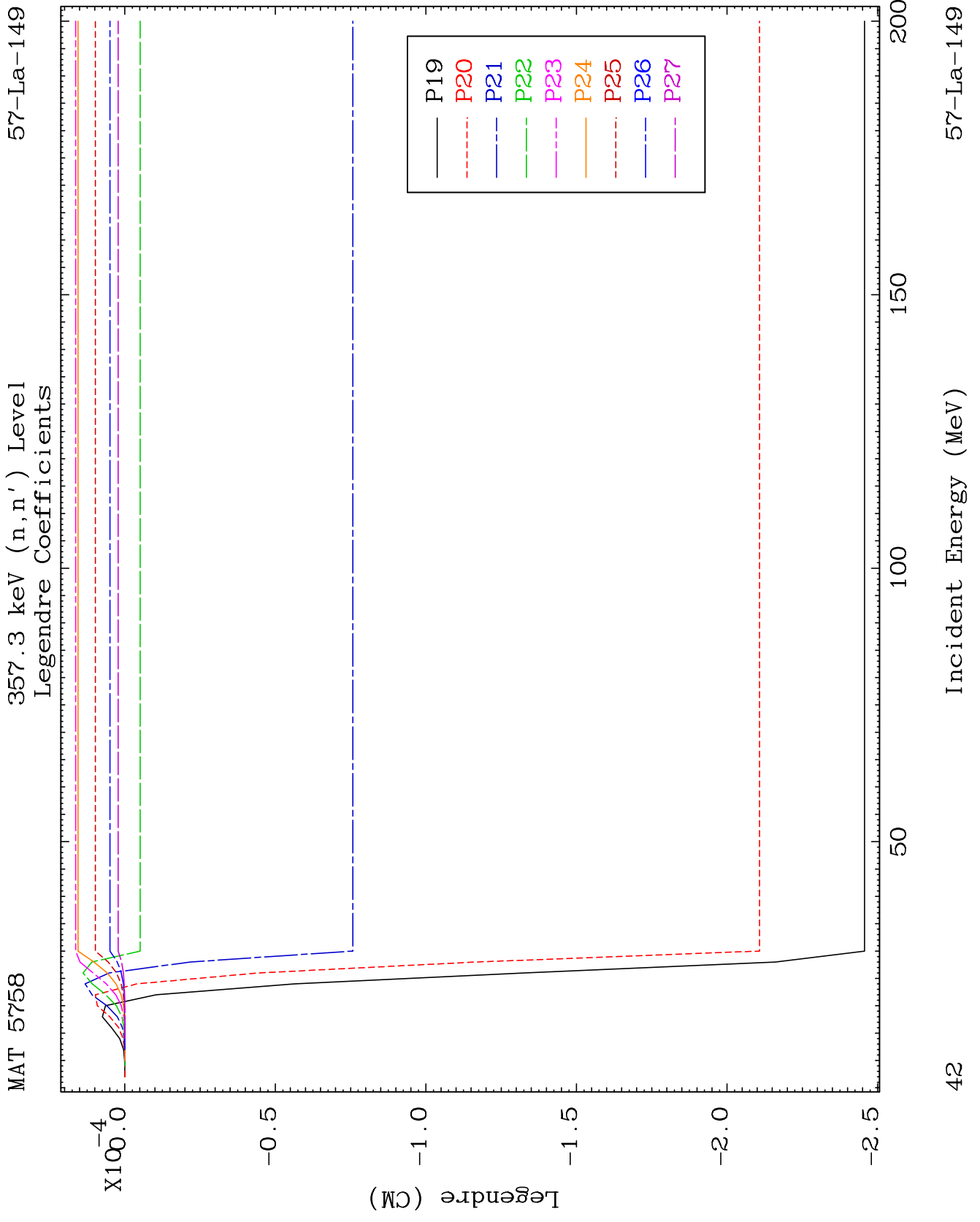
57-La-149

MAT 5758

357.3 keV (n,n') Level
Legendre Coefficients

57-La-149

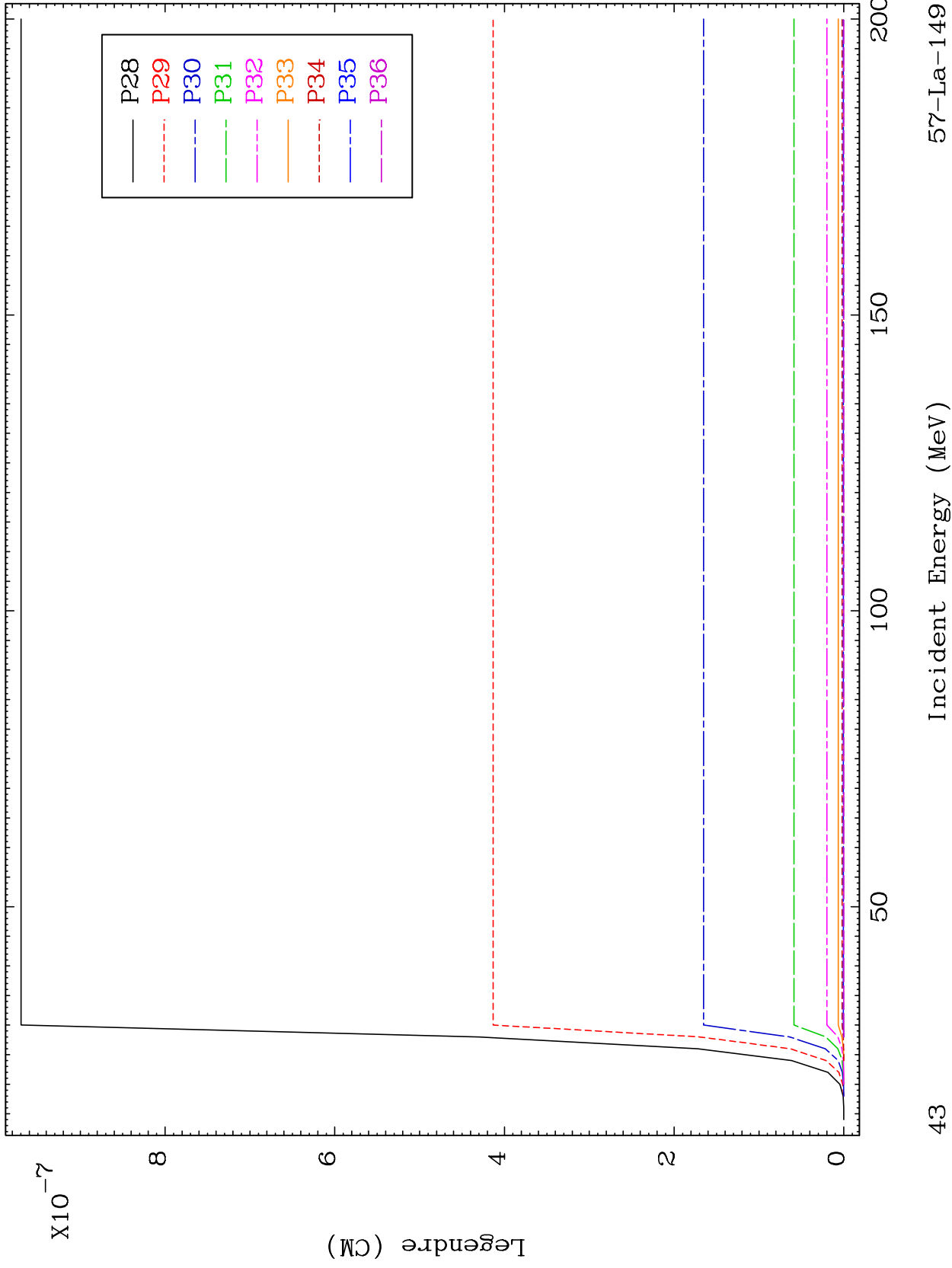




MAT 5758

357.3 keV (n,n') Level
Legendre Coefficients

57-La-149



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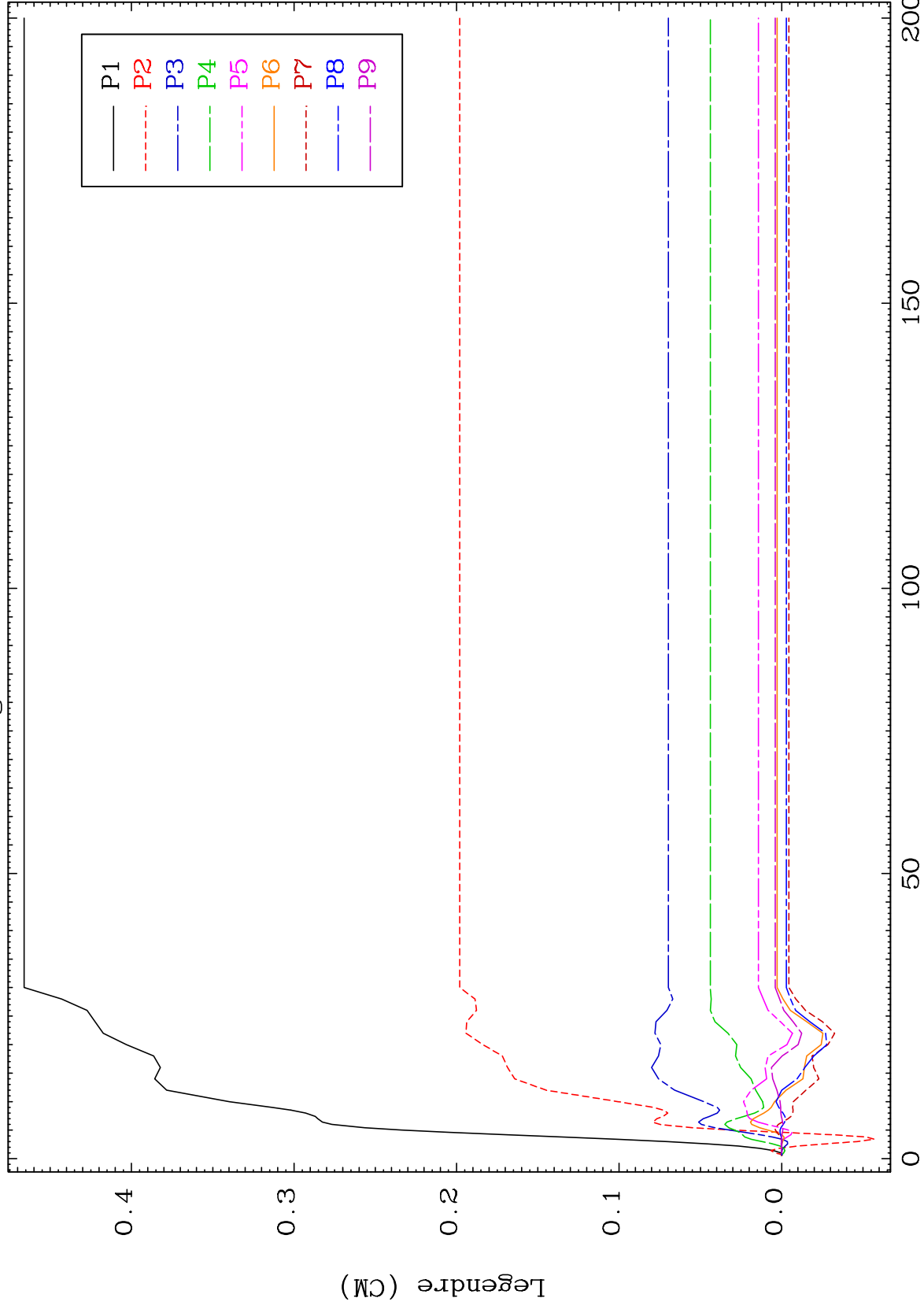
Incident Energy (MeV)

57-La-149

MAT 5758

505.7 keV (n,n') Level
Legendre Coefficients

57-La-149



44

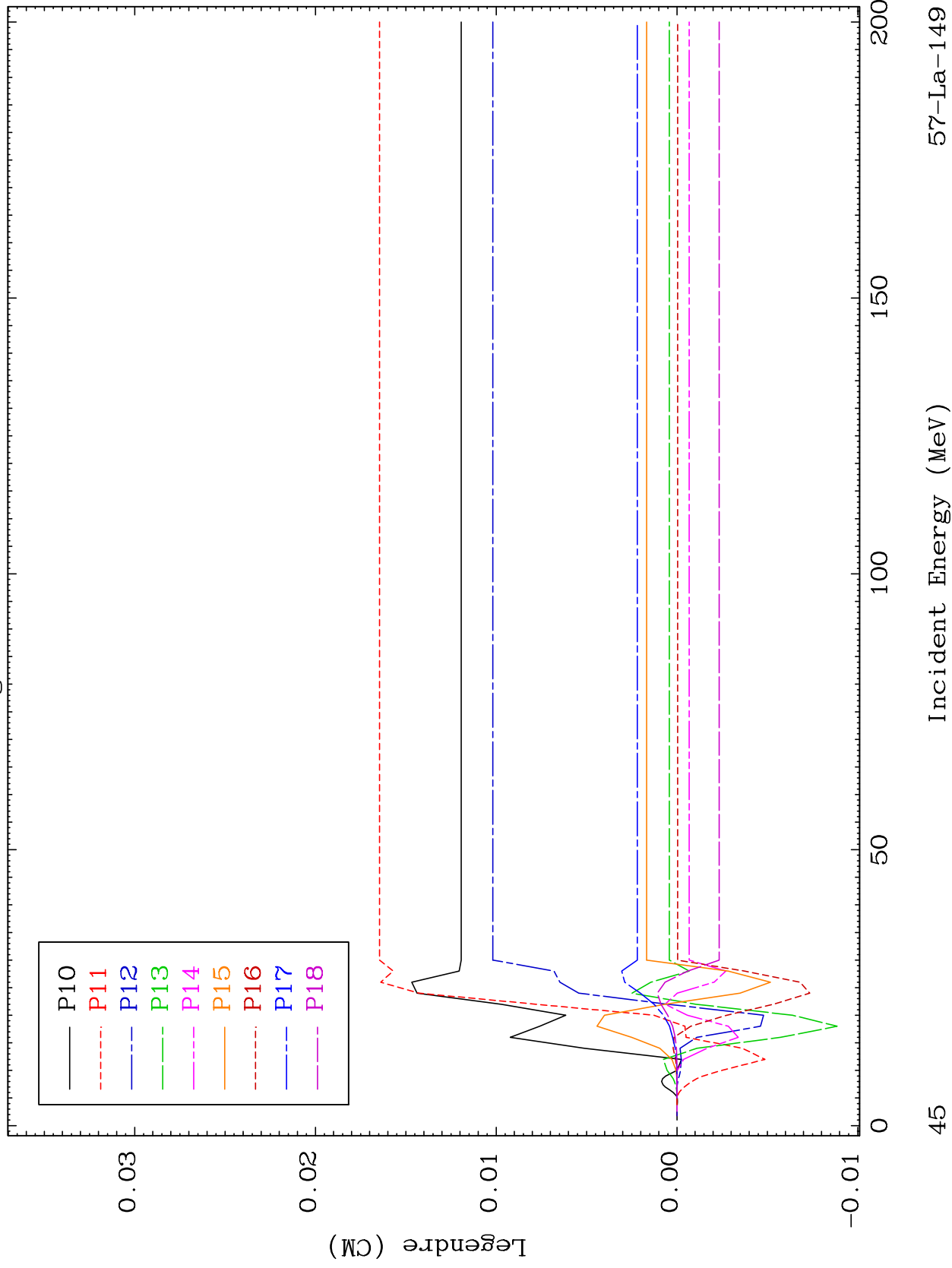
Incident Energy (MeV)

57-La-149

MAT 5758

505.7 keV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

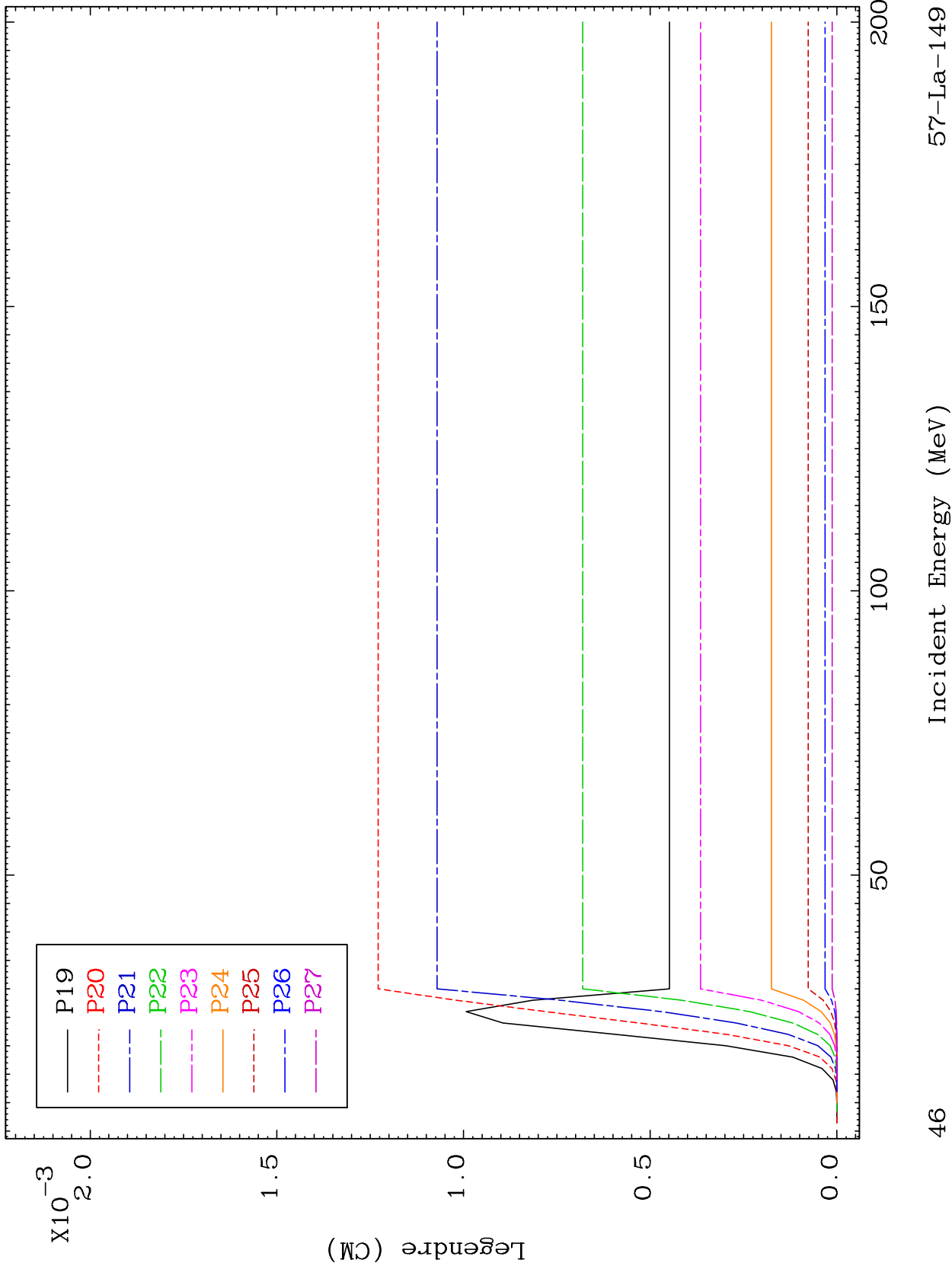
Incident Energy (MeV)

45

MAT 5758

505.7 keV (n,n') Level
Legendre Coefficients

57-La-149



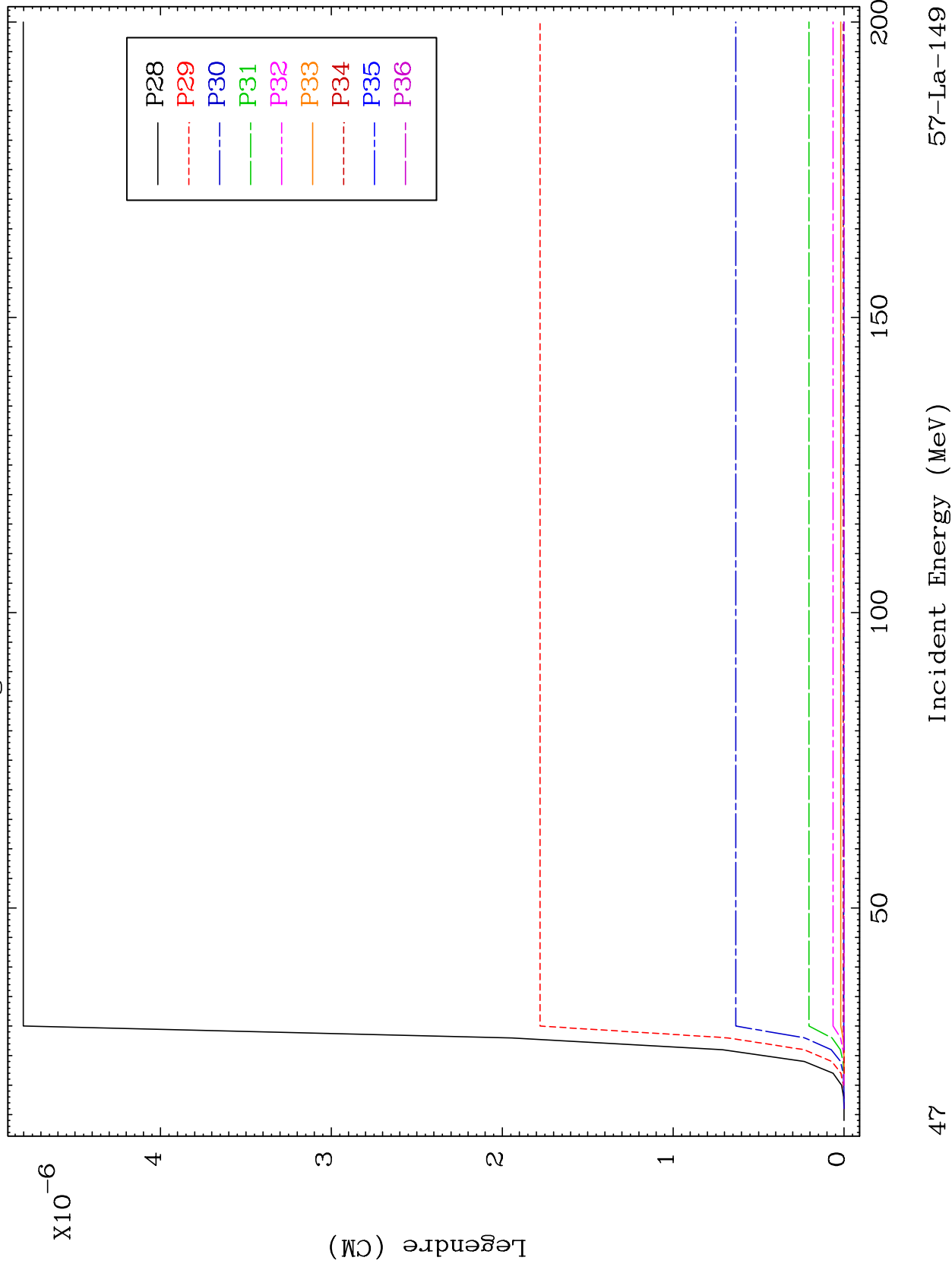
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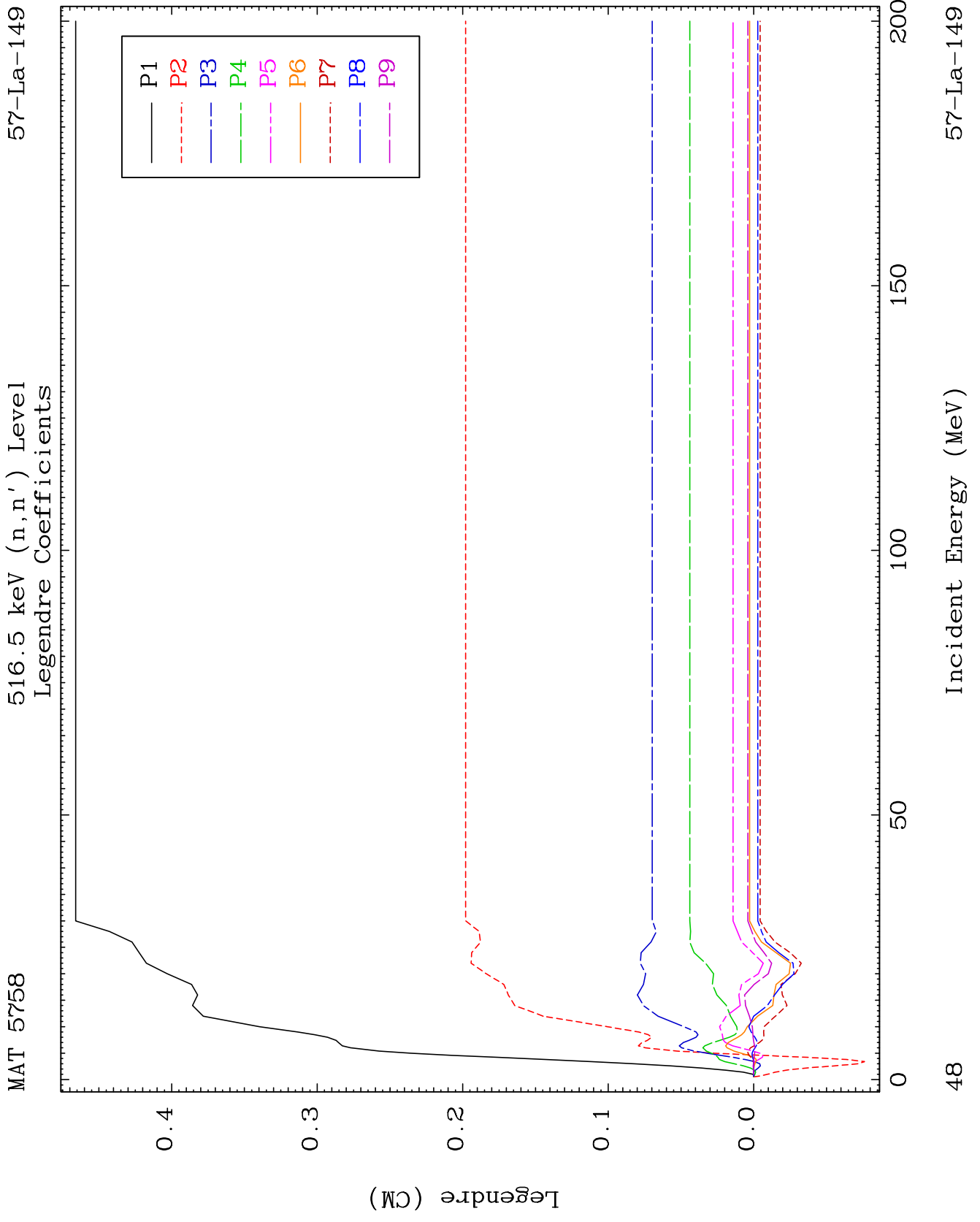
57-La-149

MAT 5758

505.7 keV (n,n') Level
Legendre Coefficients

57-La-149

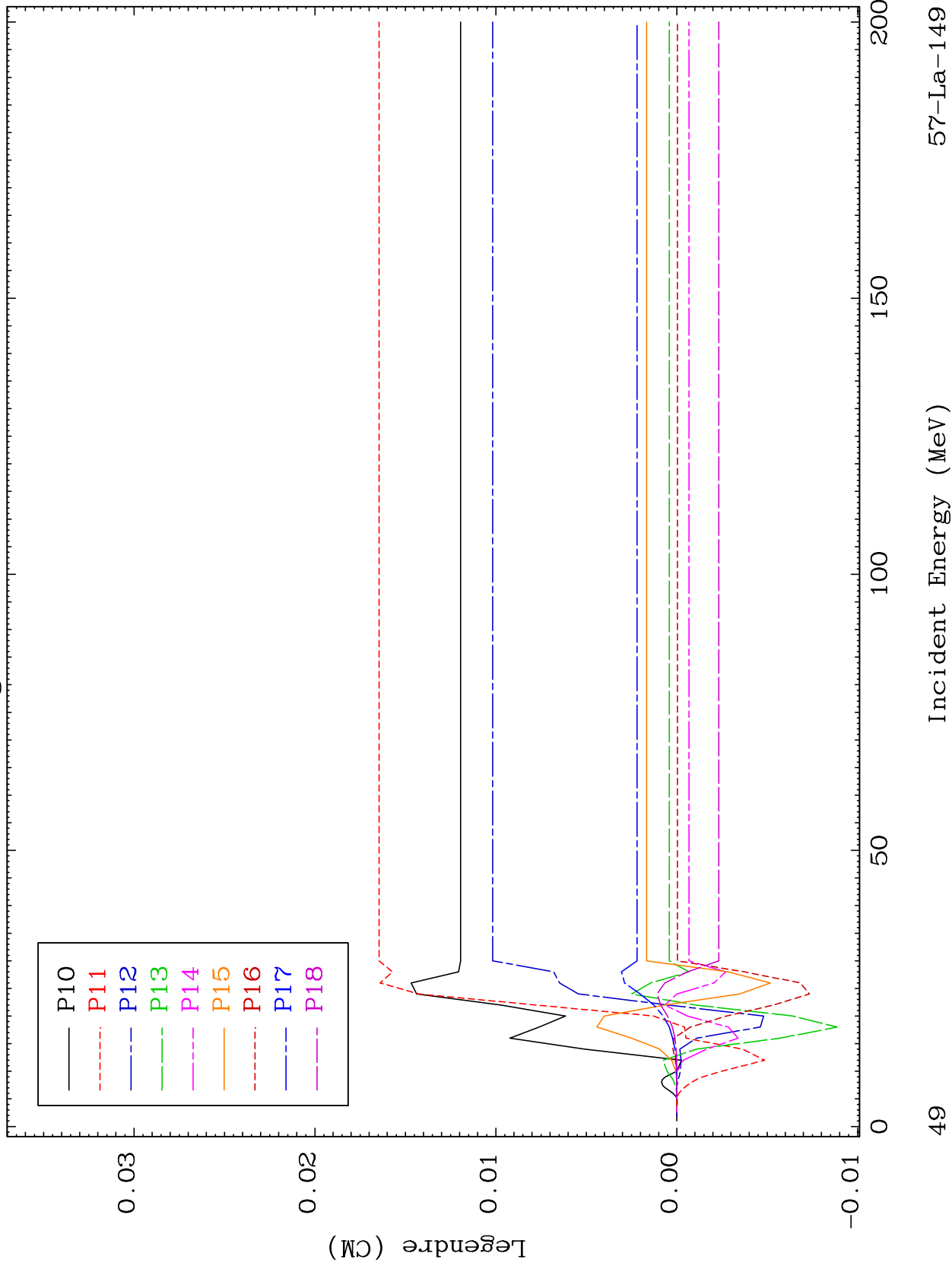




MAT 5758

516.5 keV (n,n') Level
Legendre Coefficients

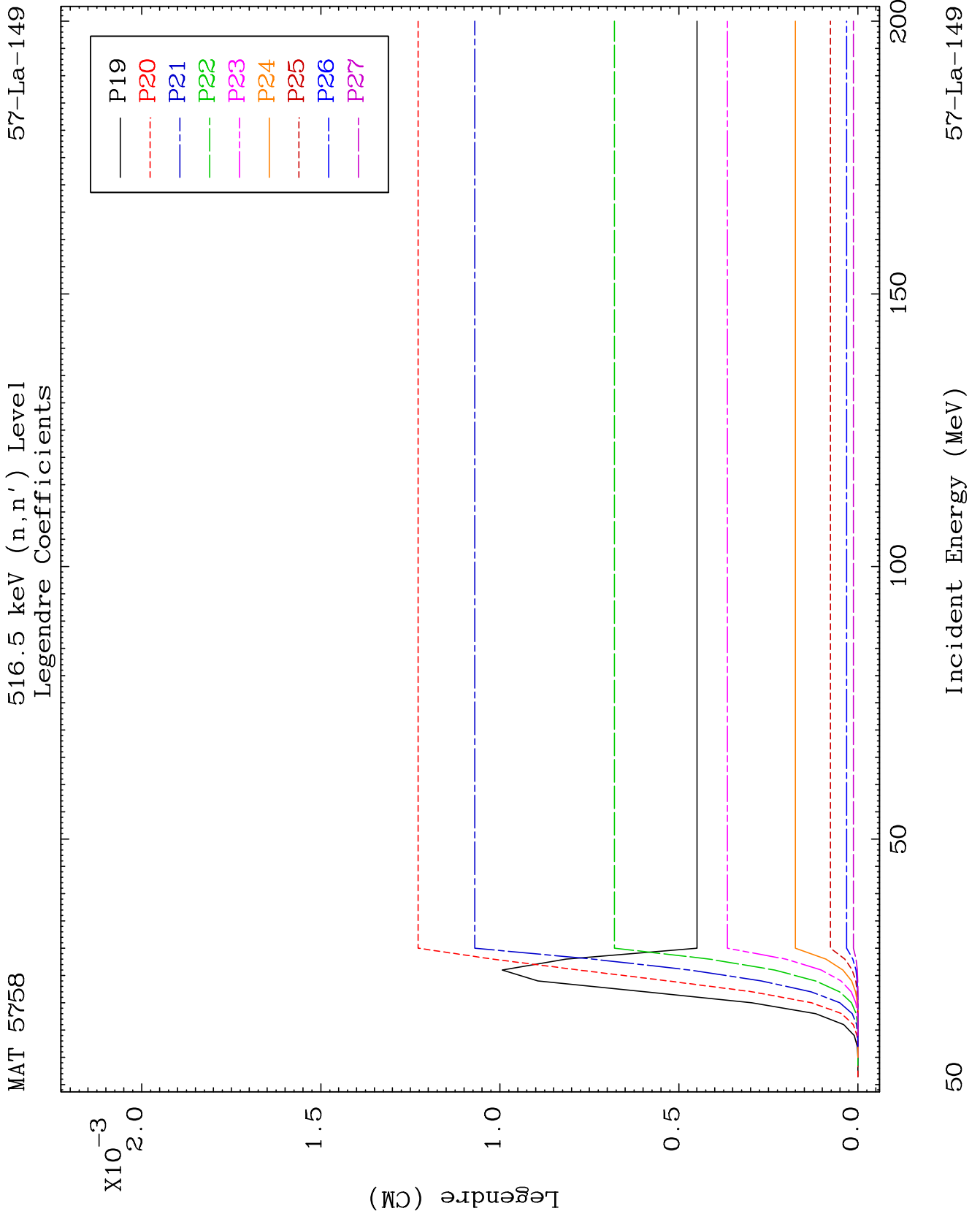
57-La-149



57-La-149

Incident Energy (MeV)

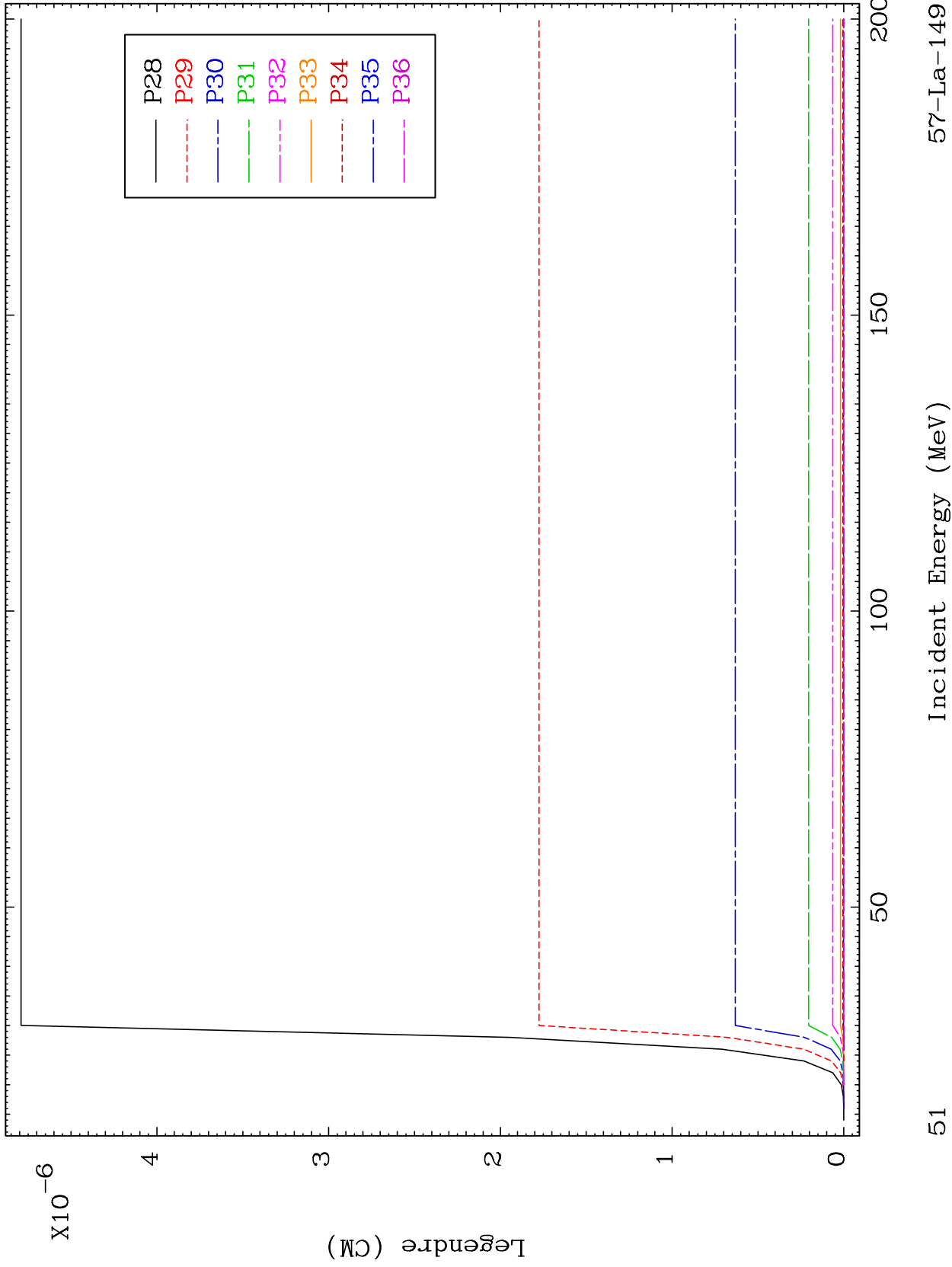
49



MAT 5758

516.5 keV (n, n') Level
Legendre Coefficients

57-La-149



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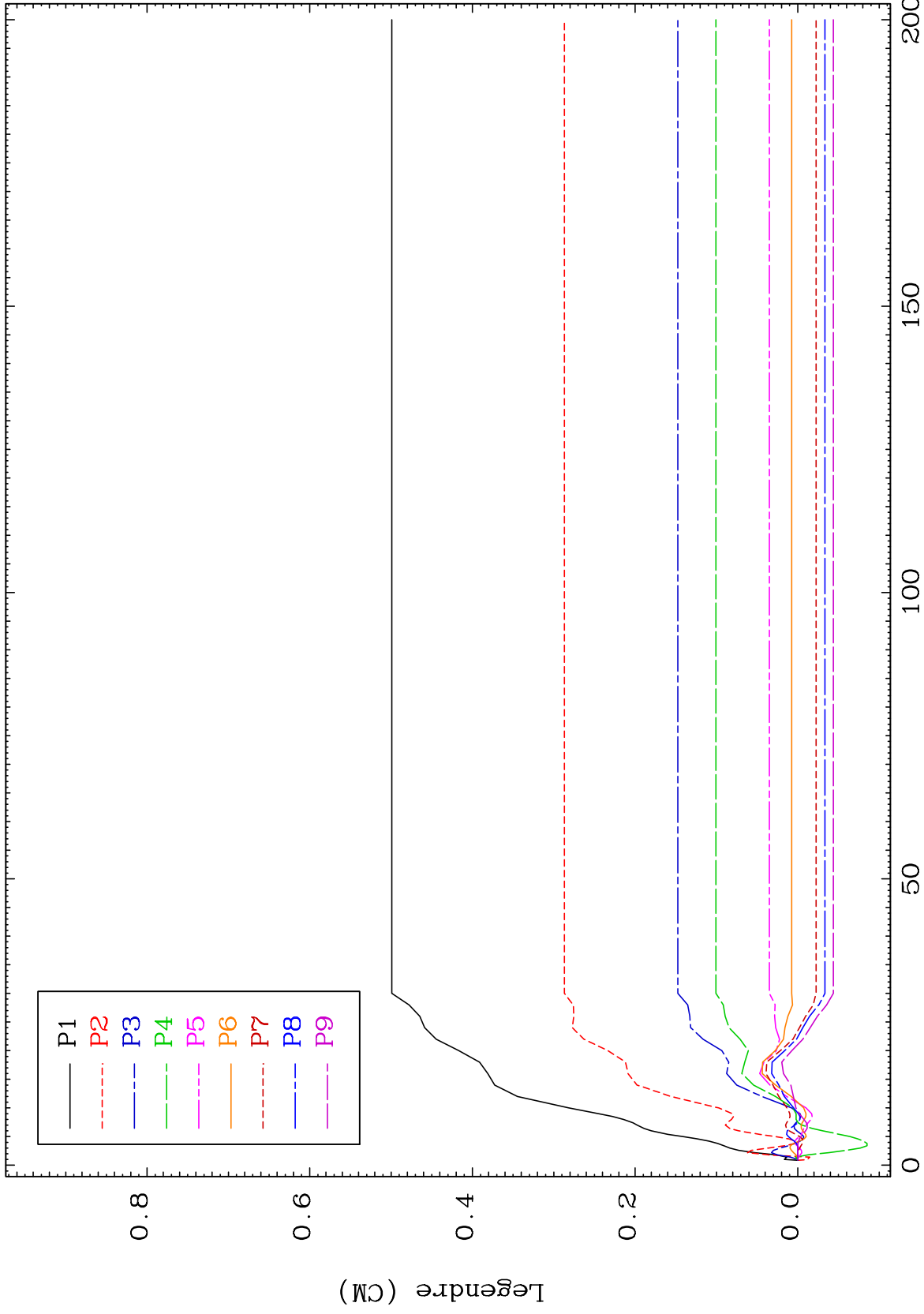
Incident Energy (MeV)

57-La-149

MAT 5758

843.6 keV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

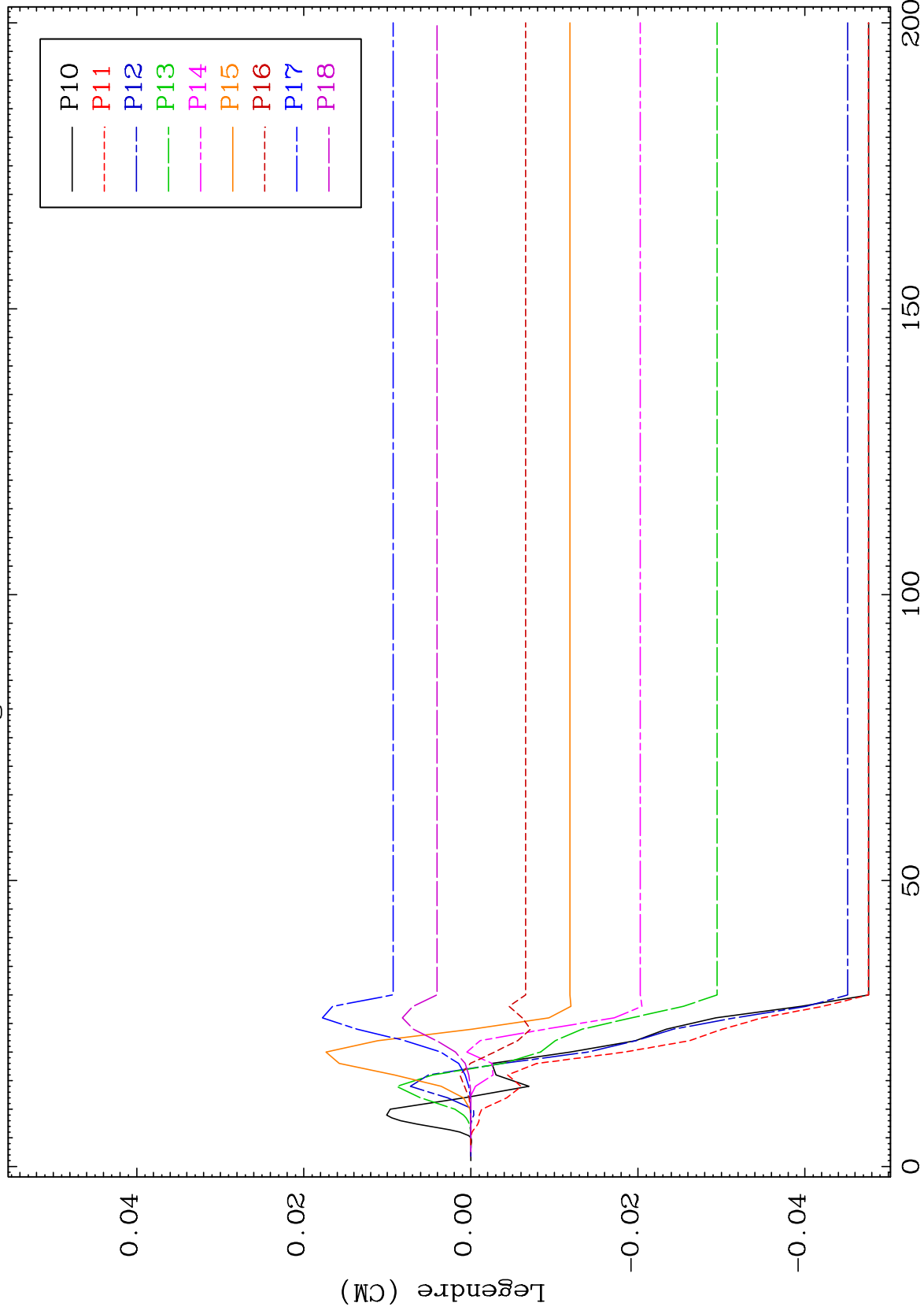
Incident Energy (MeV)

52

MAT 5758

843.6 keV (n,n') Level
Legendre Coefficients

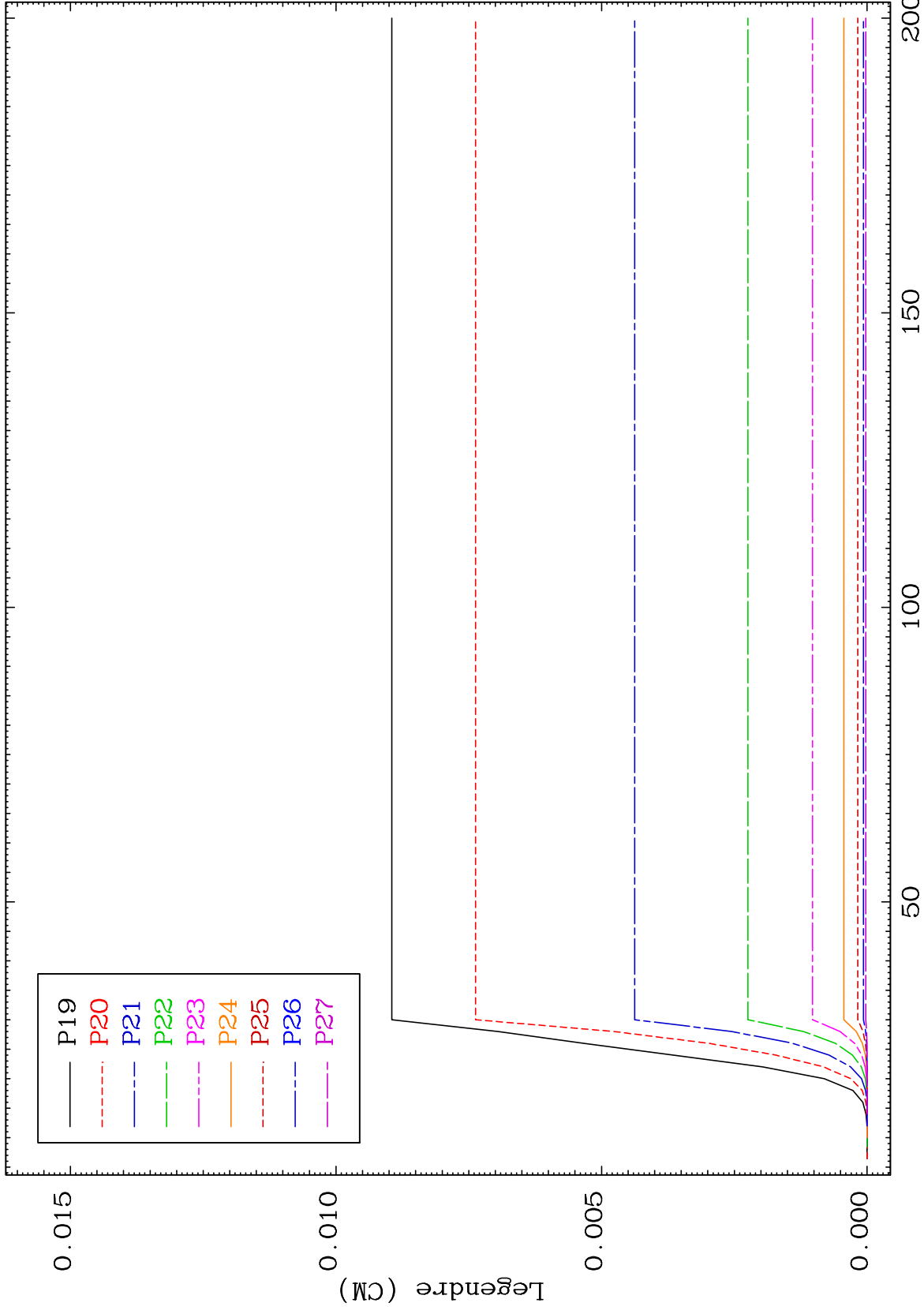
57-La-149



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Incident Energy (MeV)

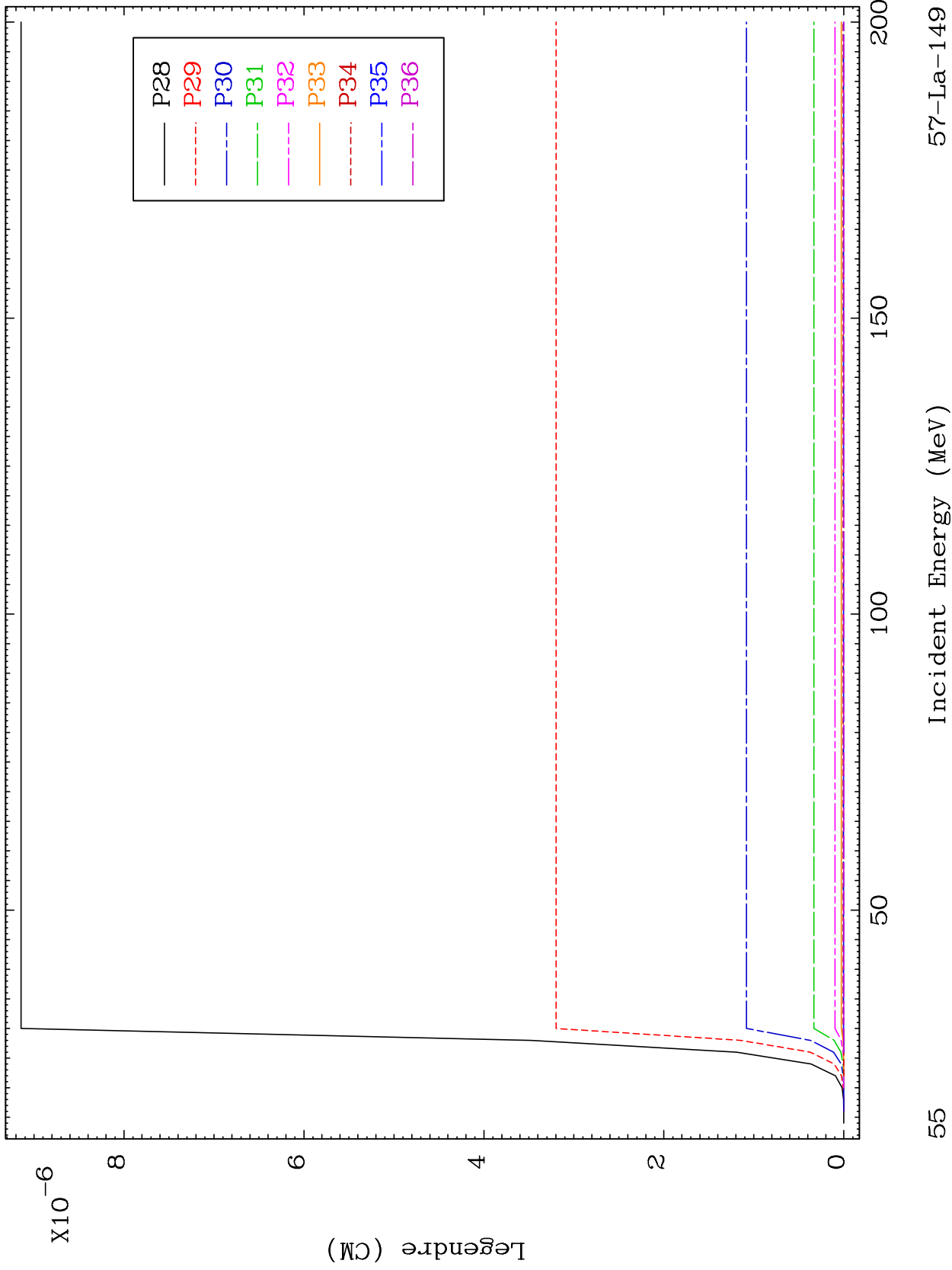
57-La-149



MAT 5758

843.6 keV (n,n') Level
Legendre Coefficients

57-La-149



55

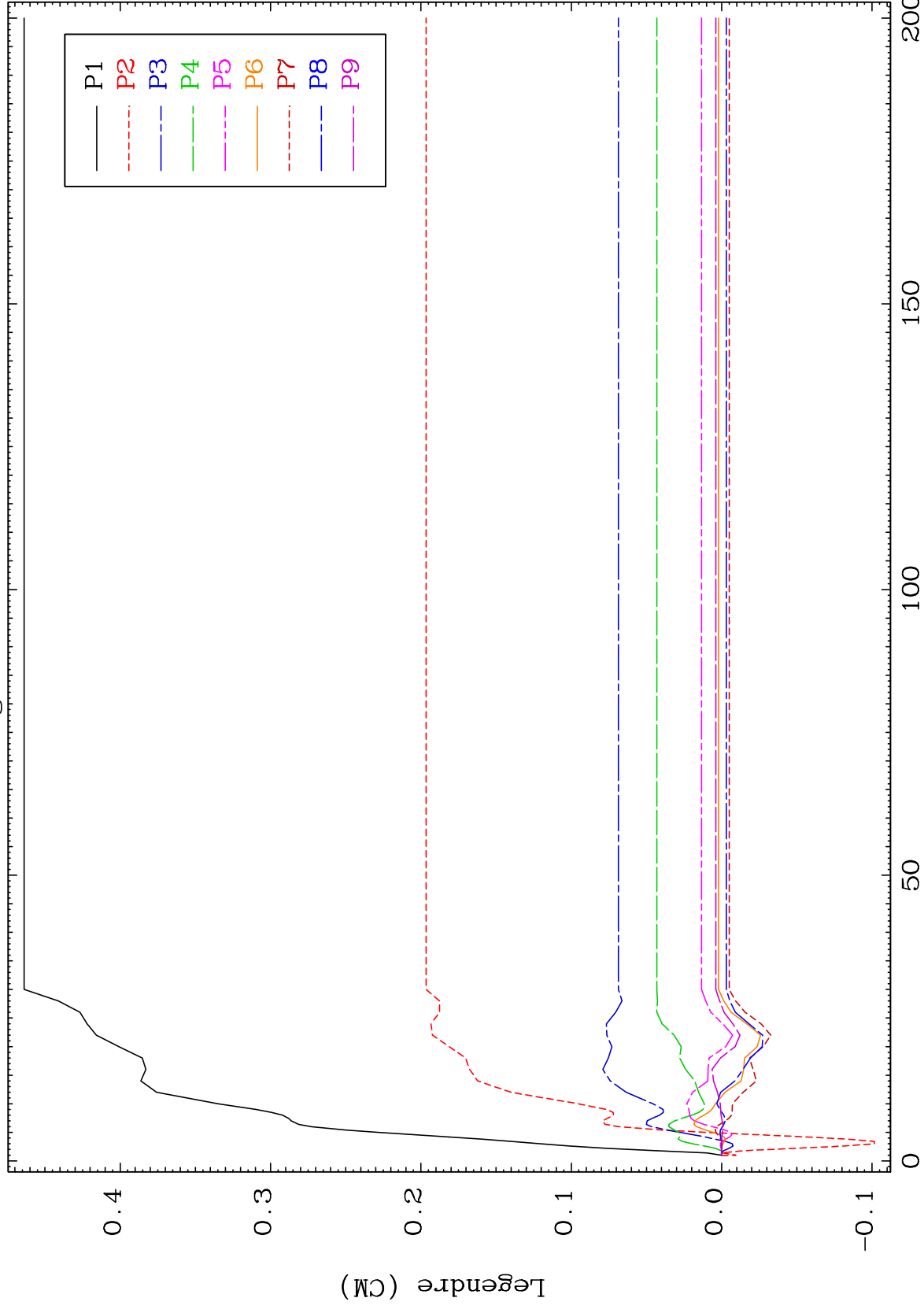
Incident Energy (MeV)

57-La-149

MAT 5758

893.9 keV (n,n') Level
Legendre Coefficients

57-La-149



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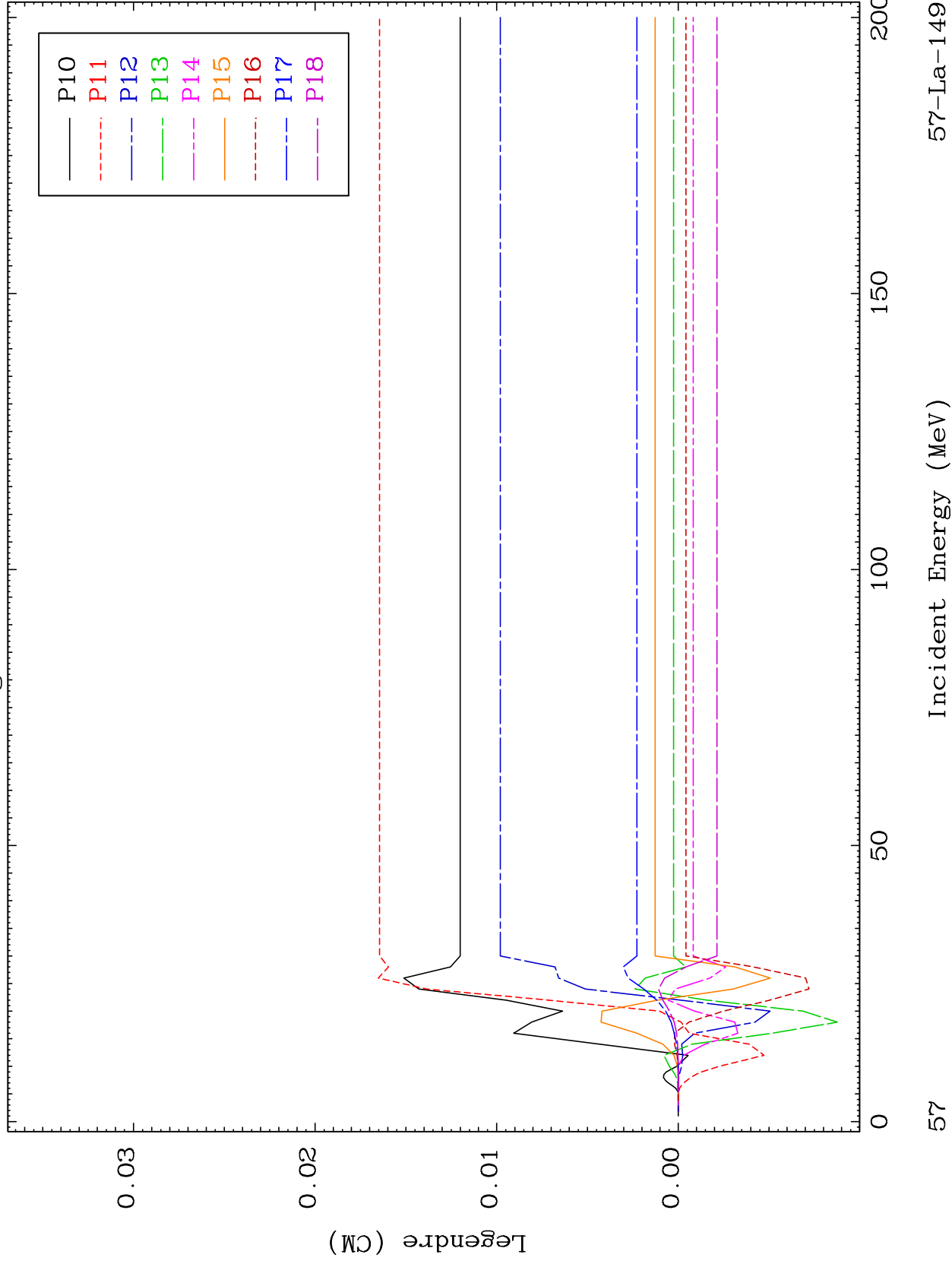
Incident Energy (MeV)

57-La-149

MAT 5758

893.9 keV (n,n') Level
Legendre Coefficients

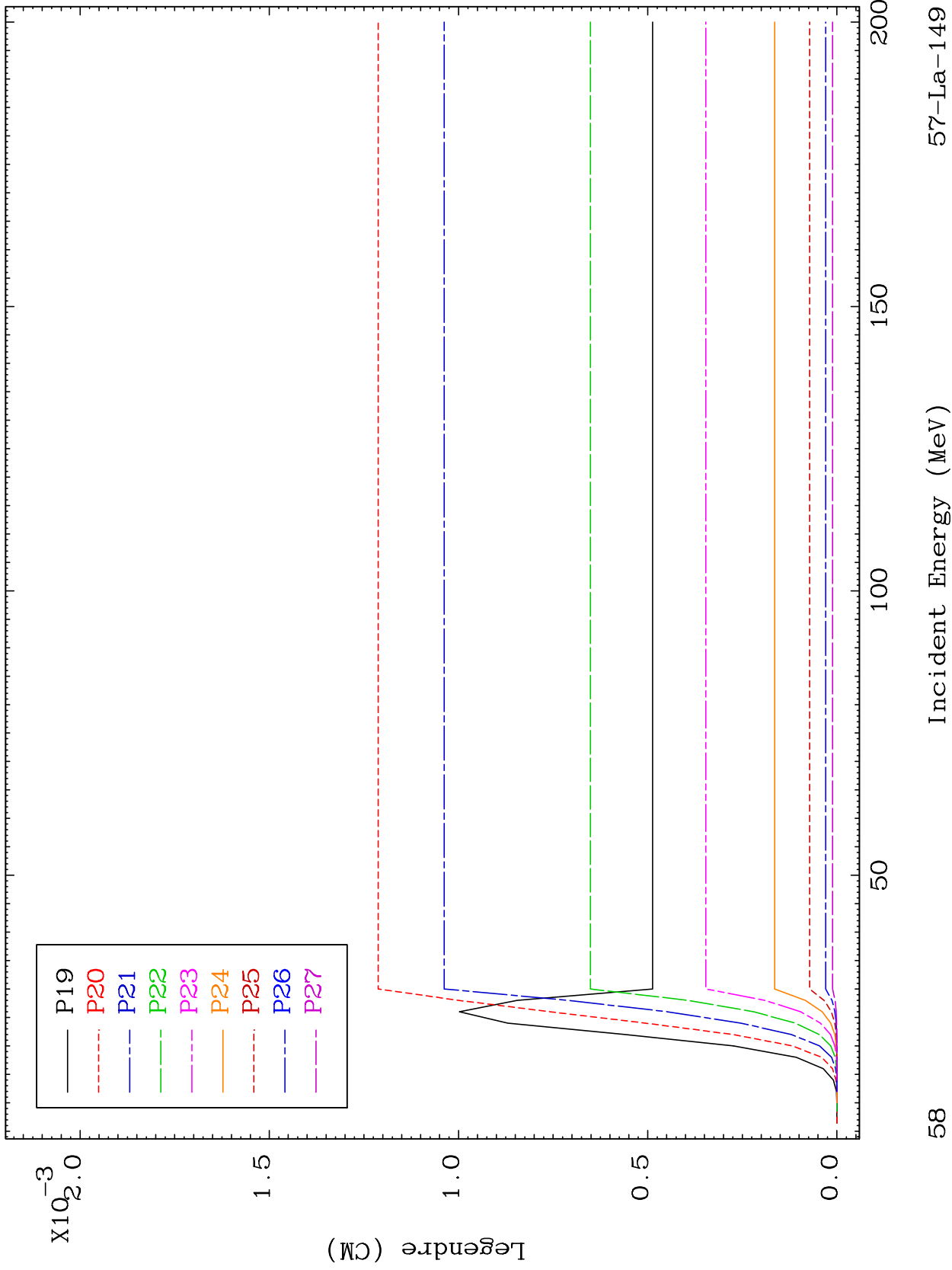
57-La-149



57-La-149

Incident Energy (MeV)

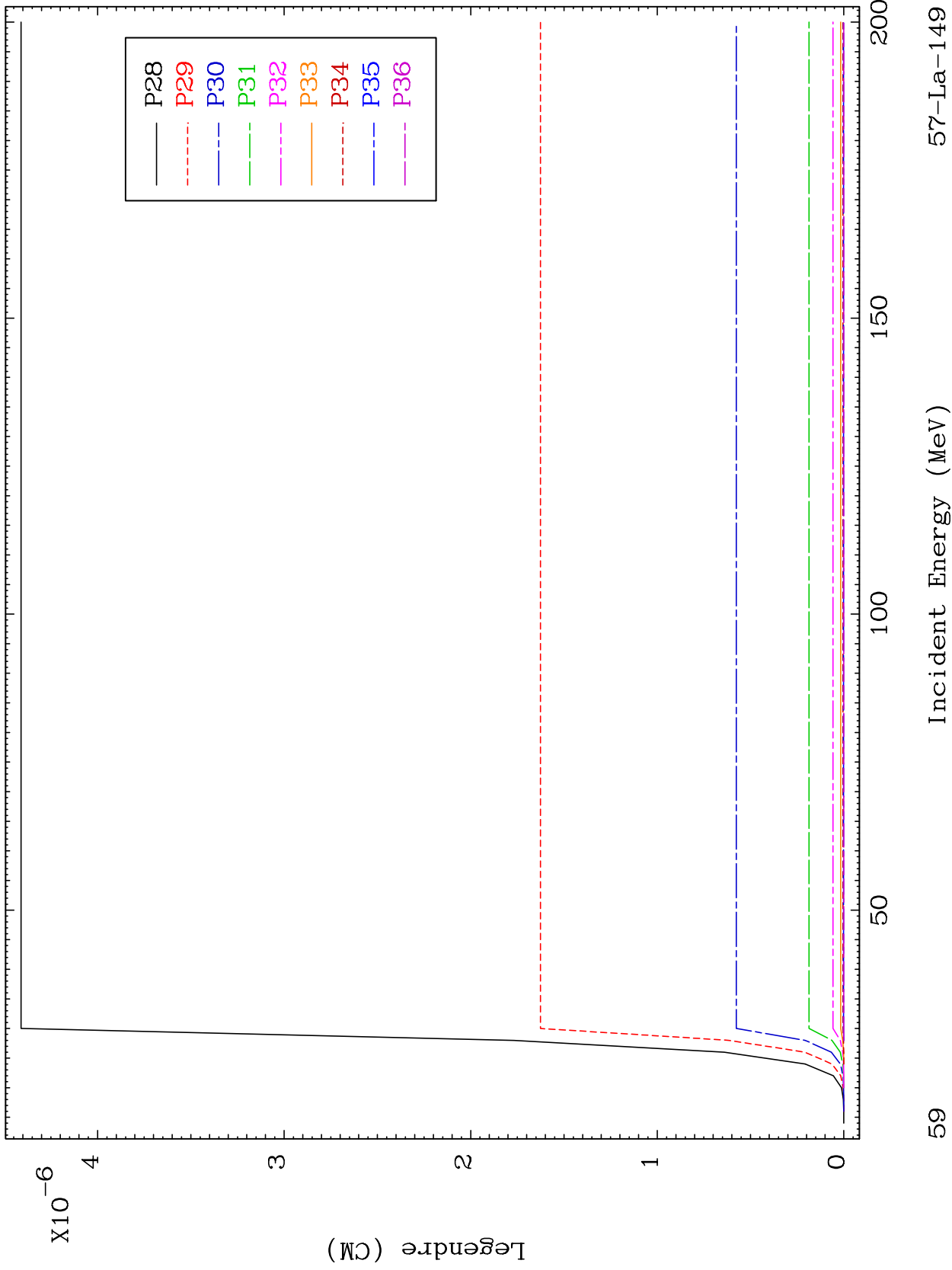
57



MAT 5758

893.9 keV (n,n') Level
Legendre Coefficients

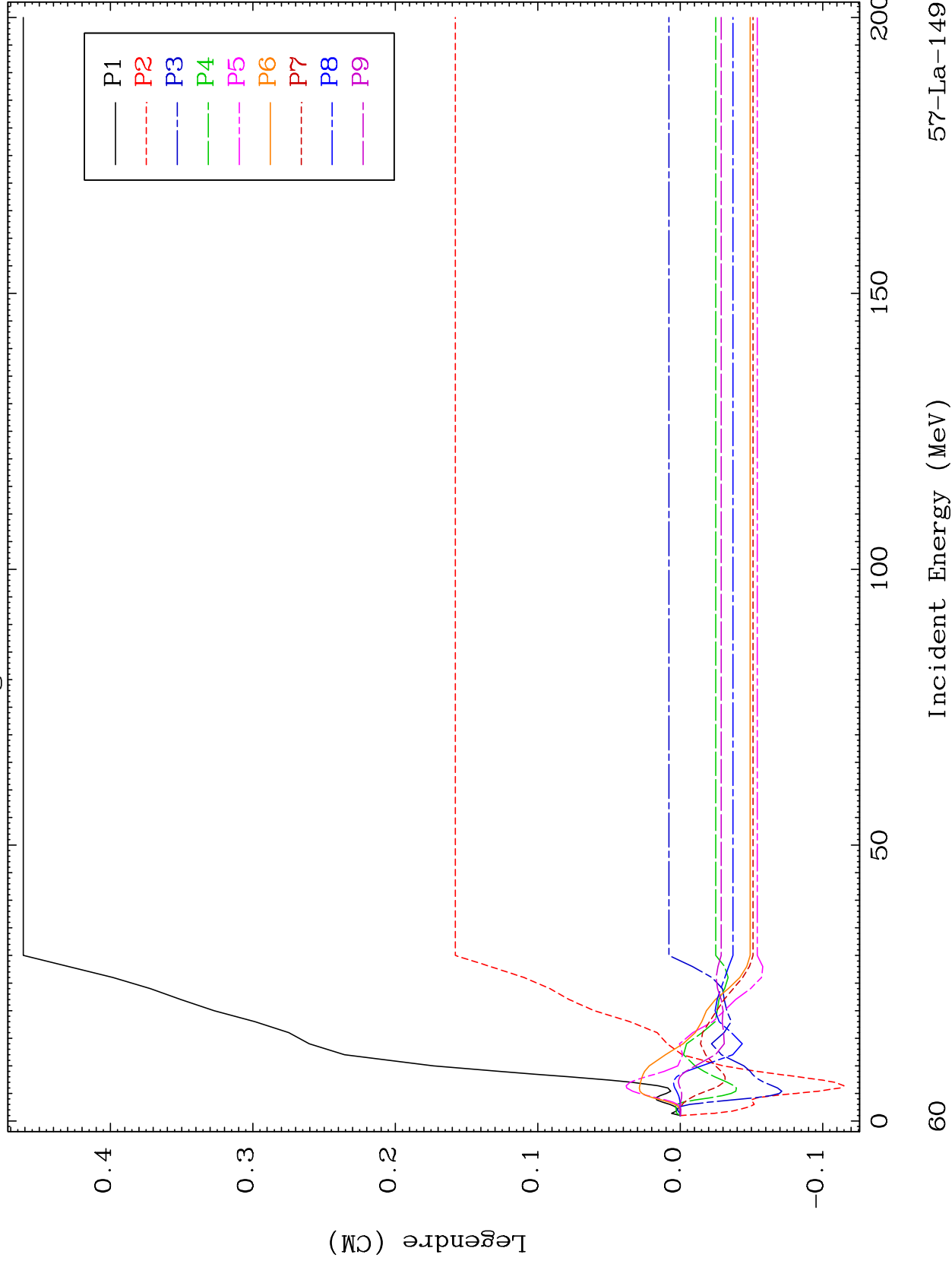
57-La-149



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895.3 keV (n,n') Level
Legendre Coefficients

57-La-149

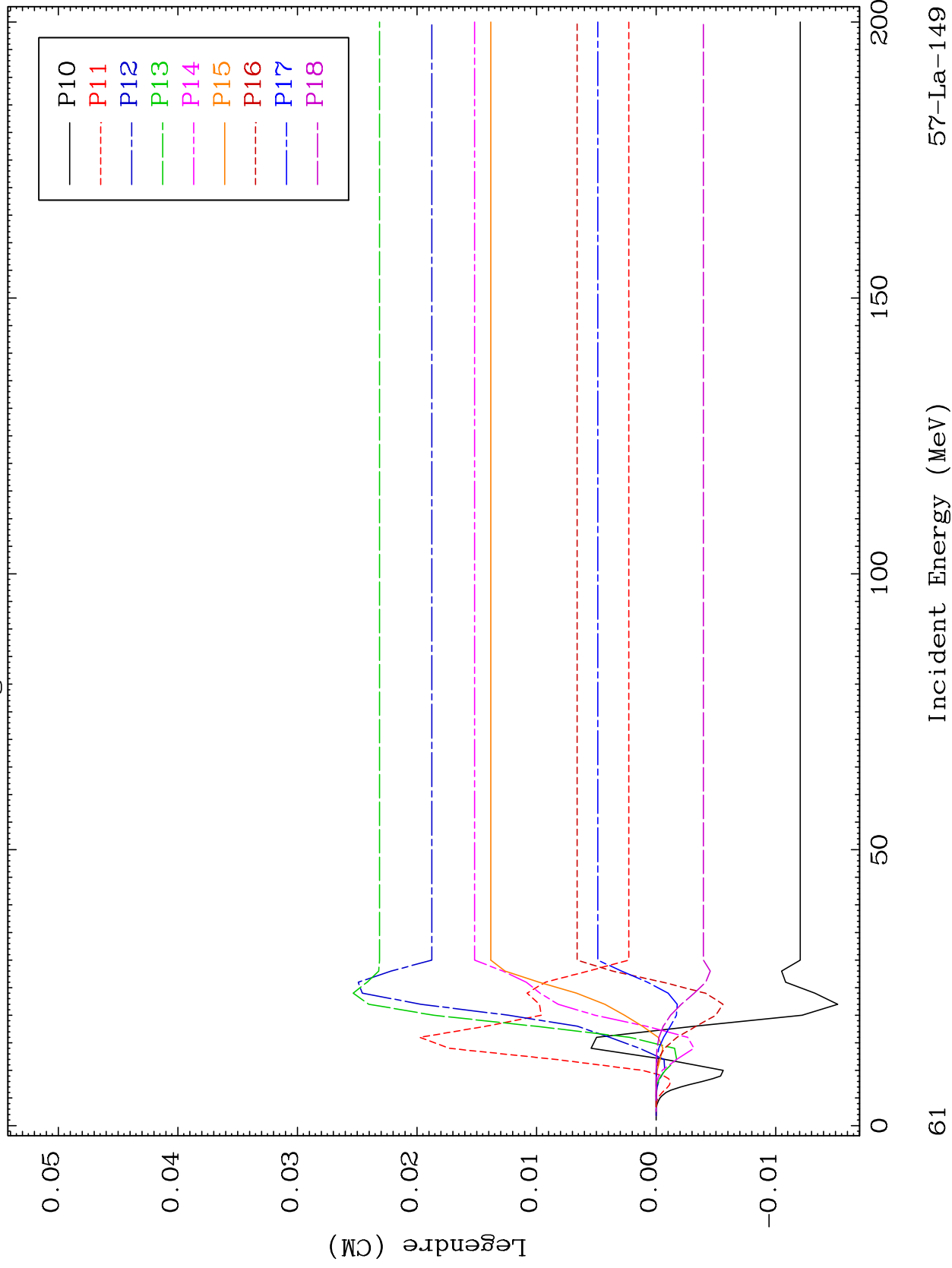


57-La-149

MAT 5758

895.3 keV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

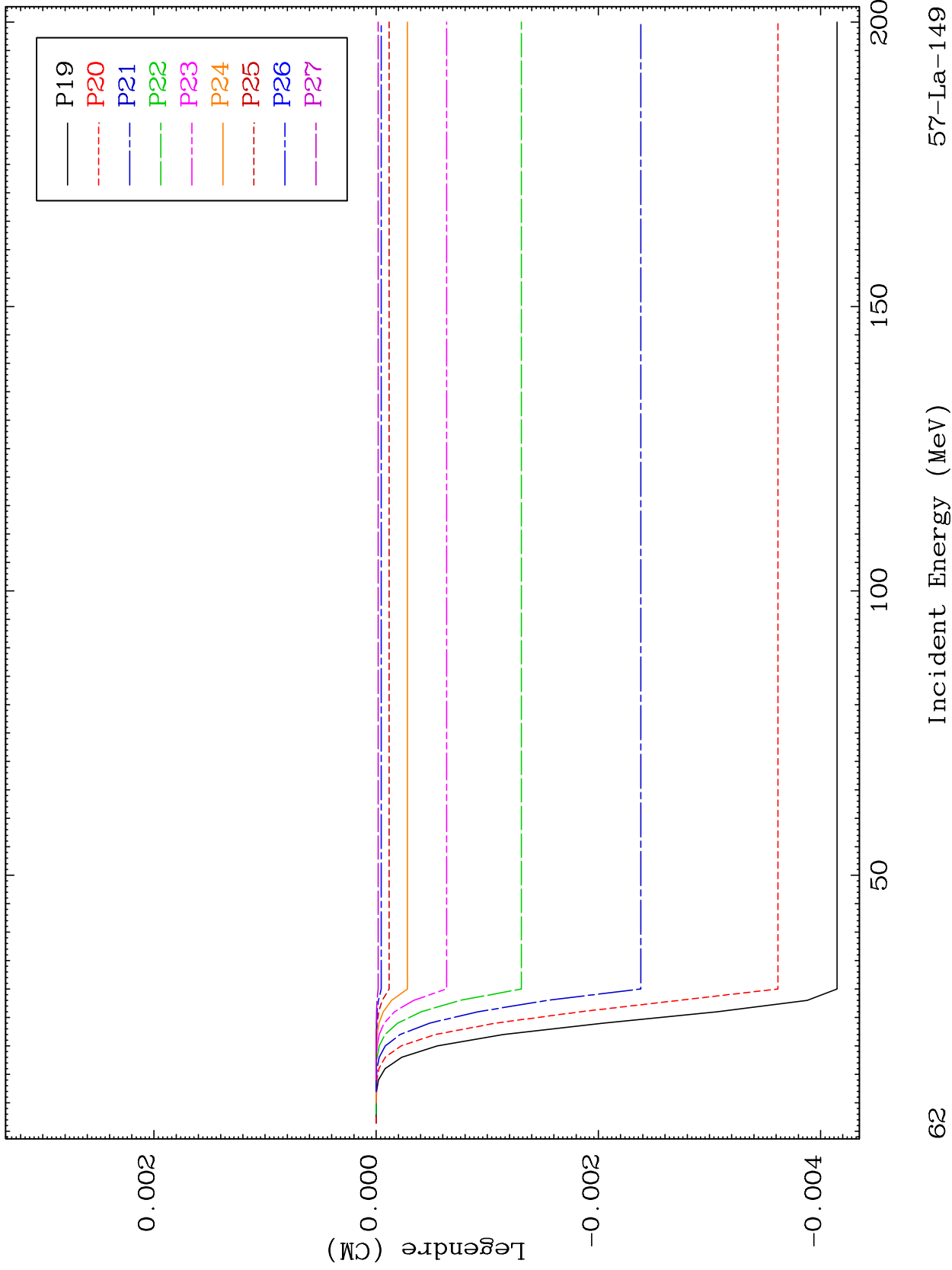
Incident Energy (MeV)

61

MAT 5758

895.3 keV (n,n') Level
Legendre Coefficients

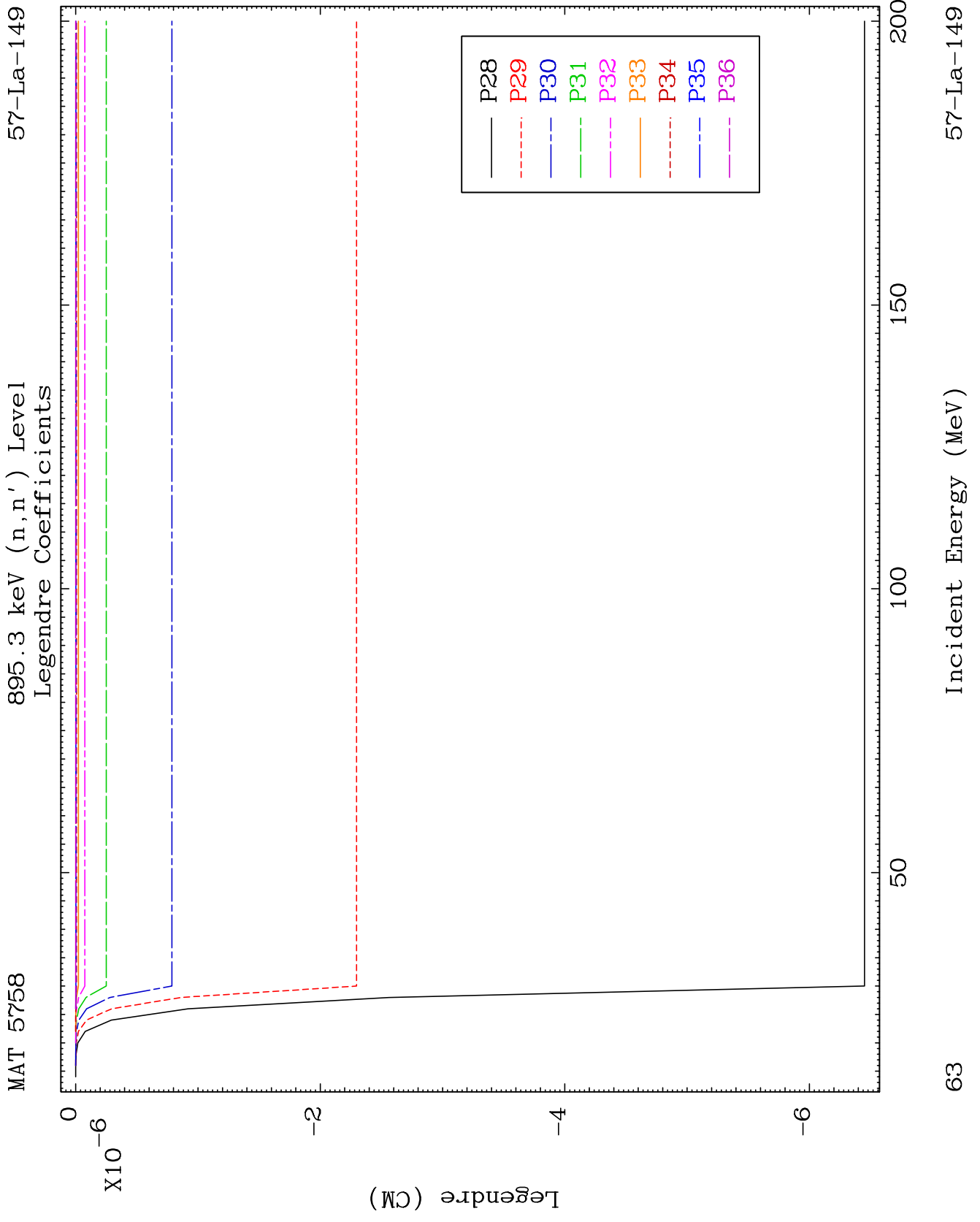
57-La-149



62

Incident Energy (MeV)

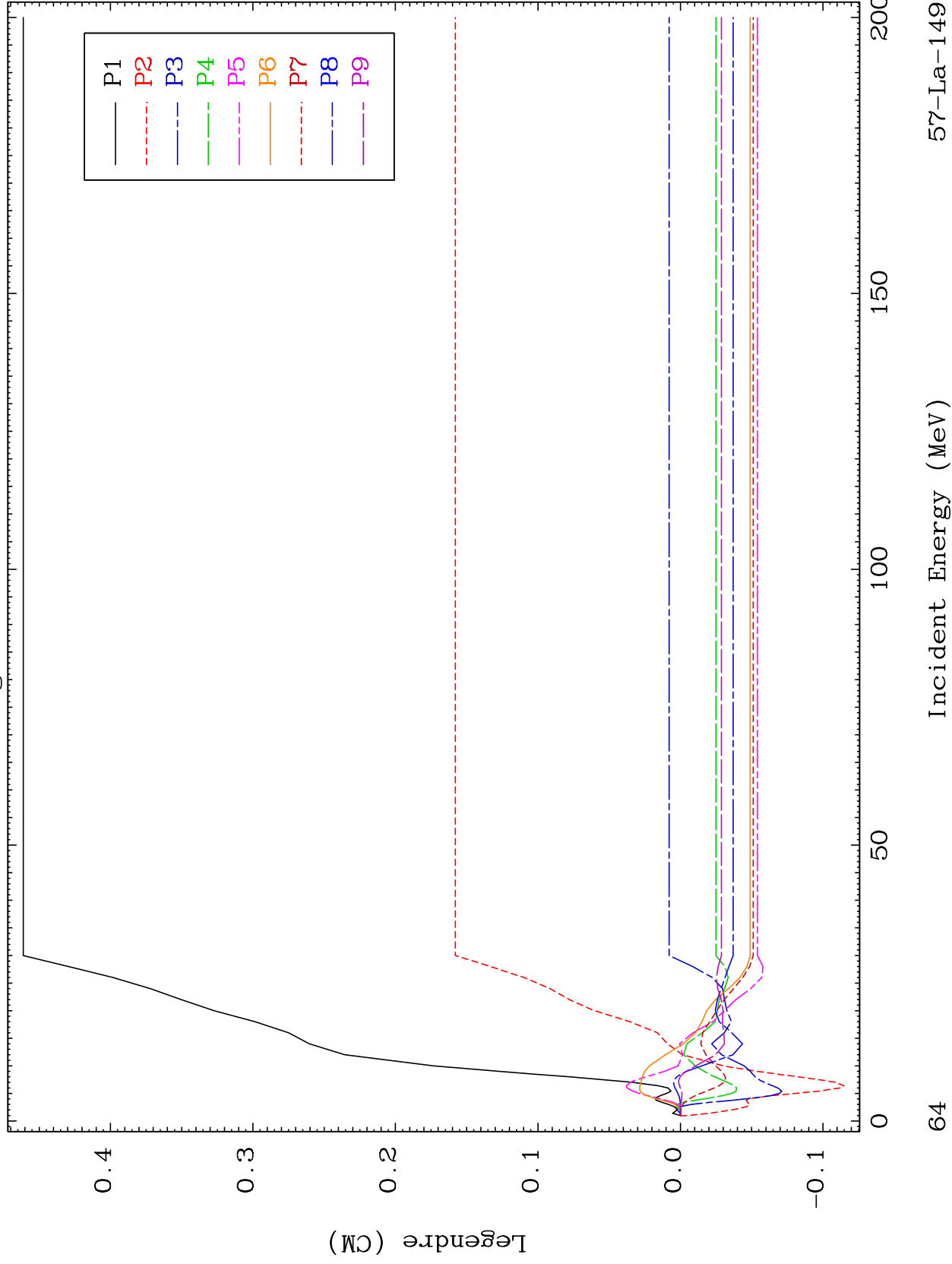
57-La-149



MAT 5758

897.9 keV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

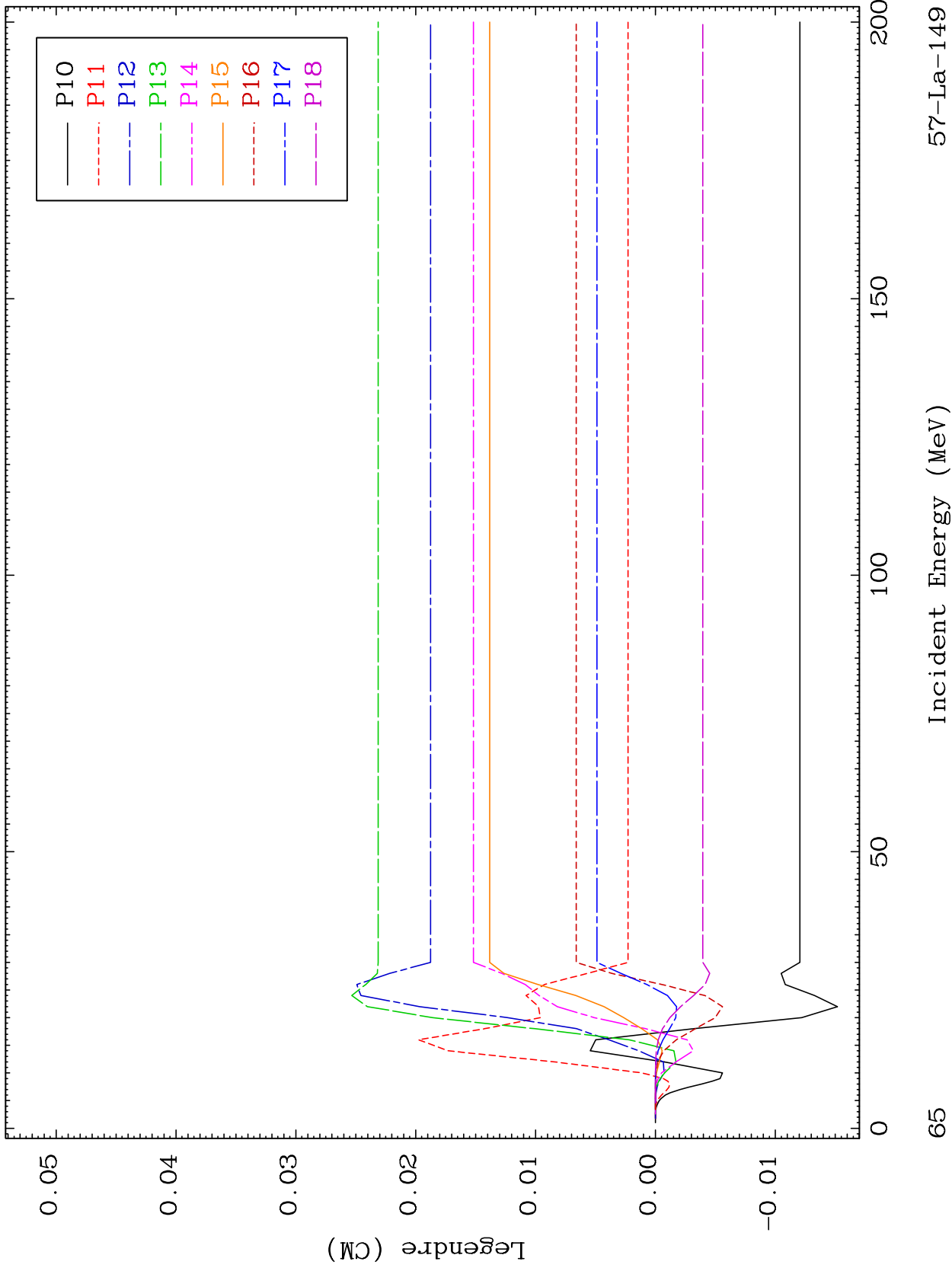
Incident Energy (MeV)

64

MAT 5758

897.9 keV (n,n') Level
Legendre Coefficients

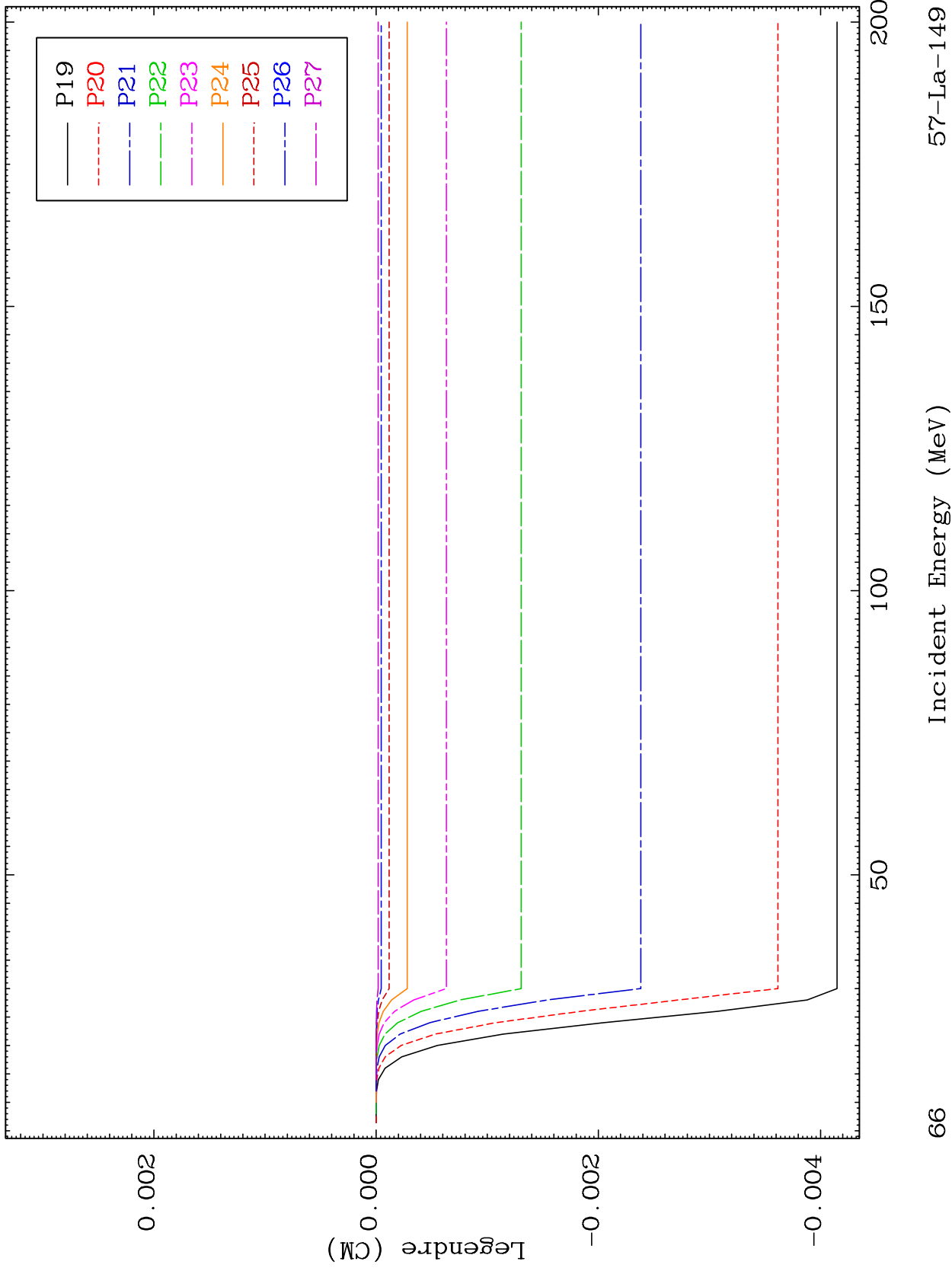
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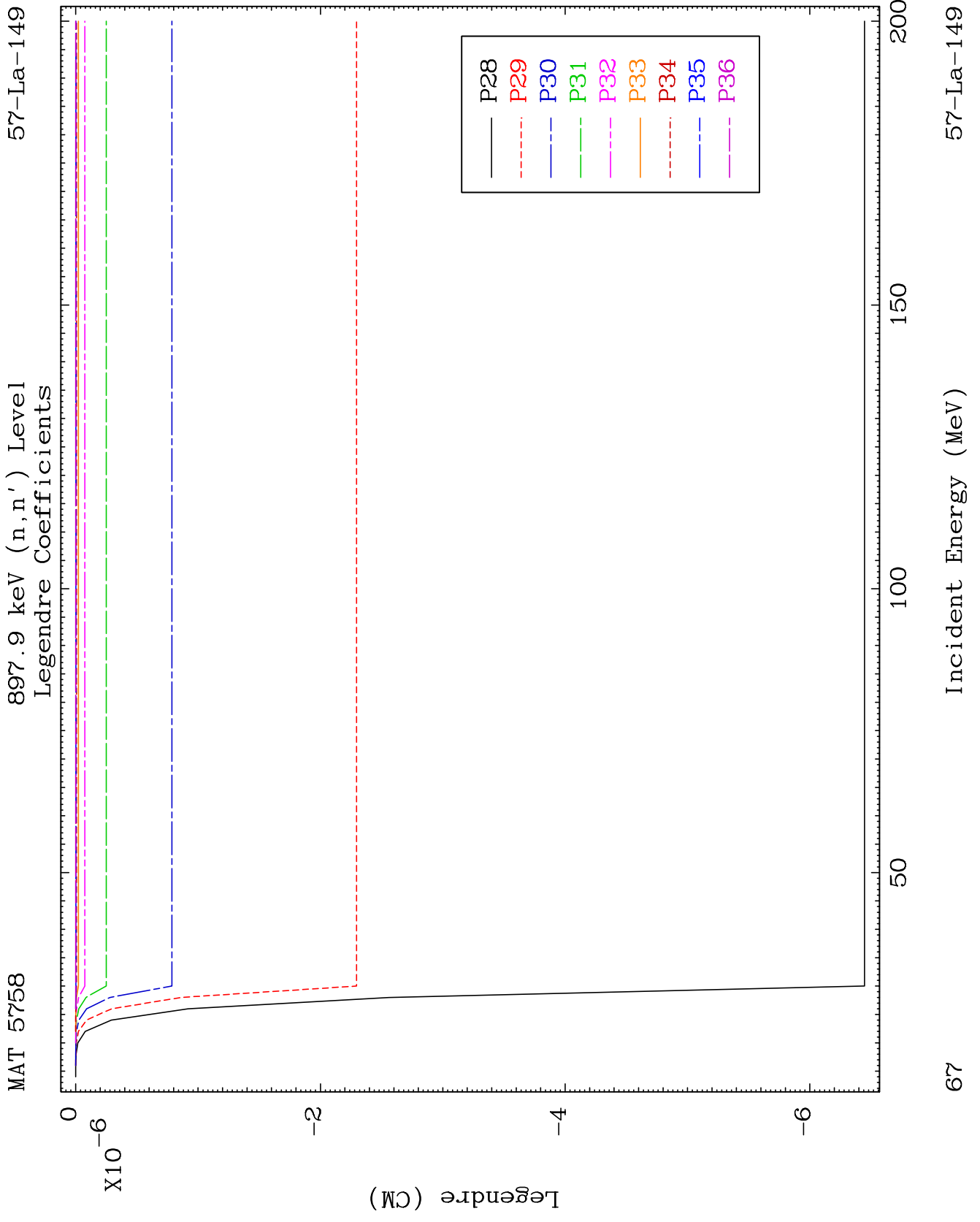


57-La-149

Incident Energy (MeV)

65

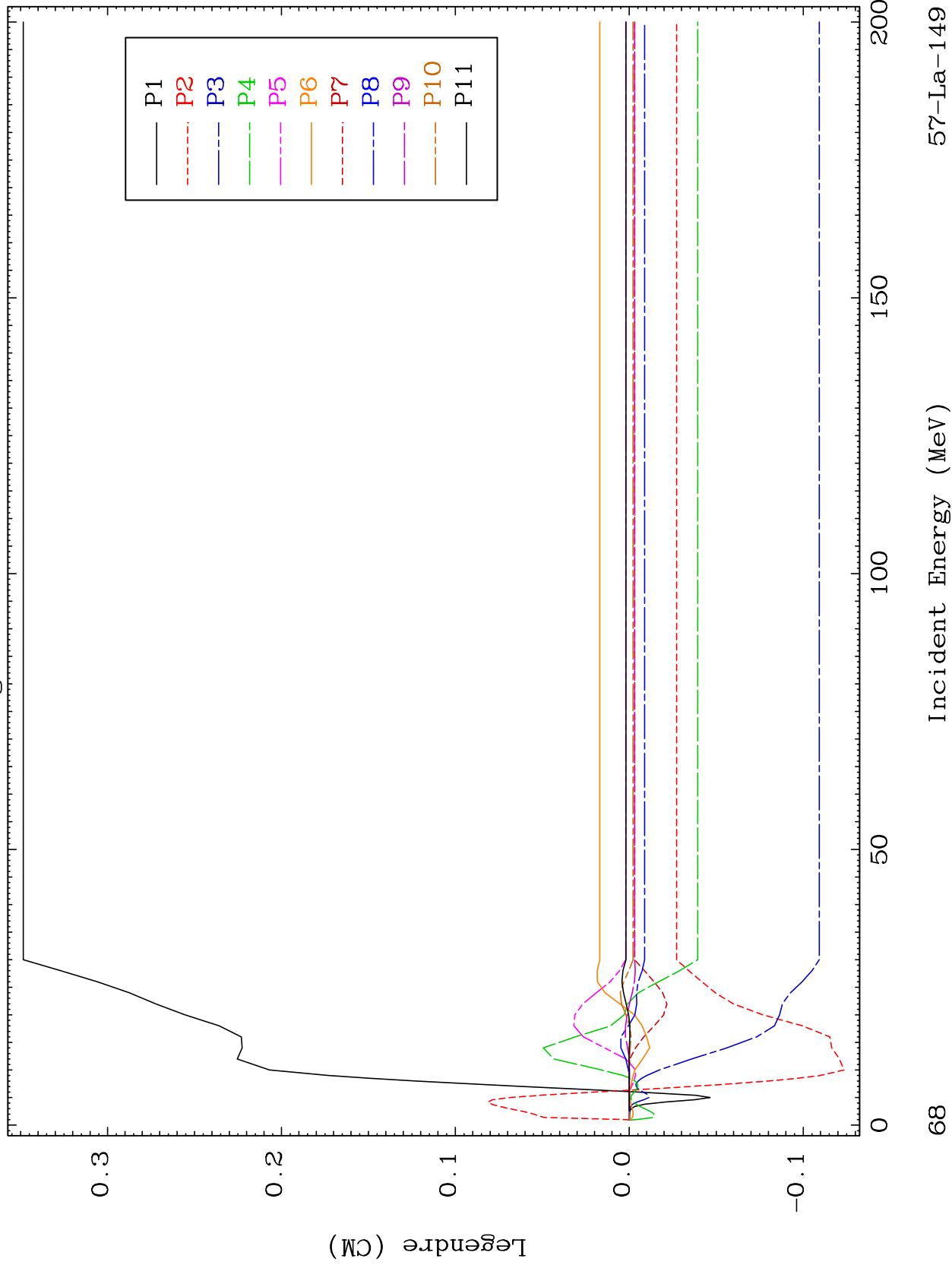




MAT 5758

912.2 keV (n,n') Level
Legendre Coefficients

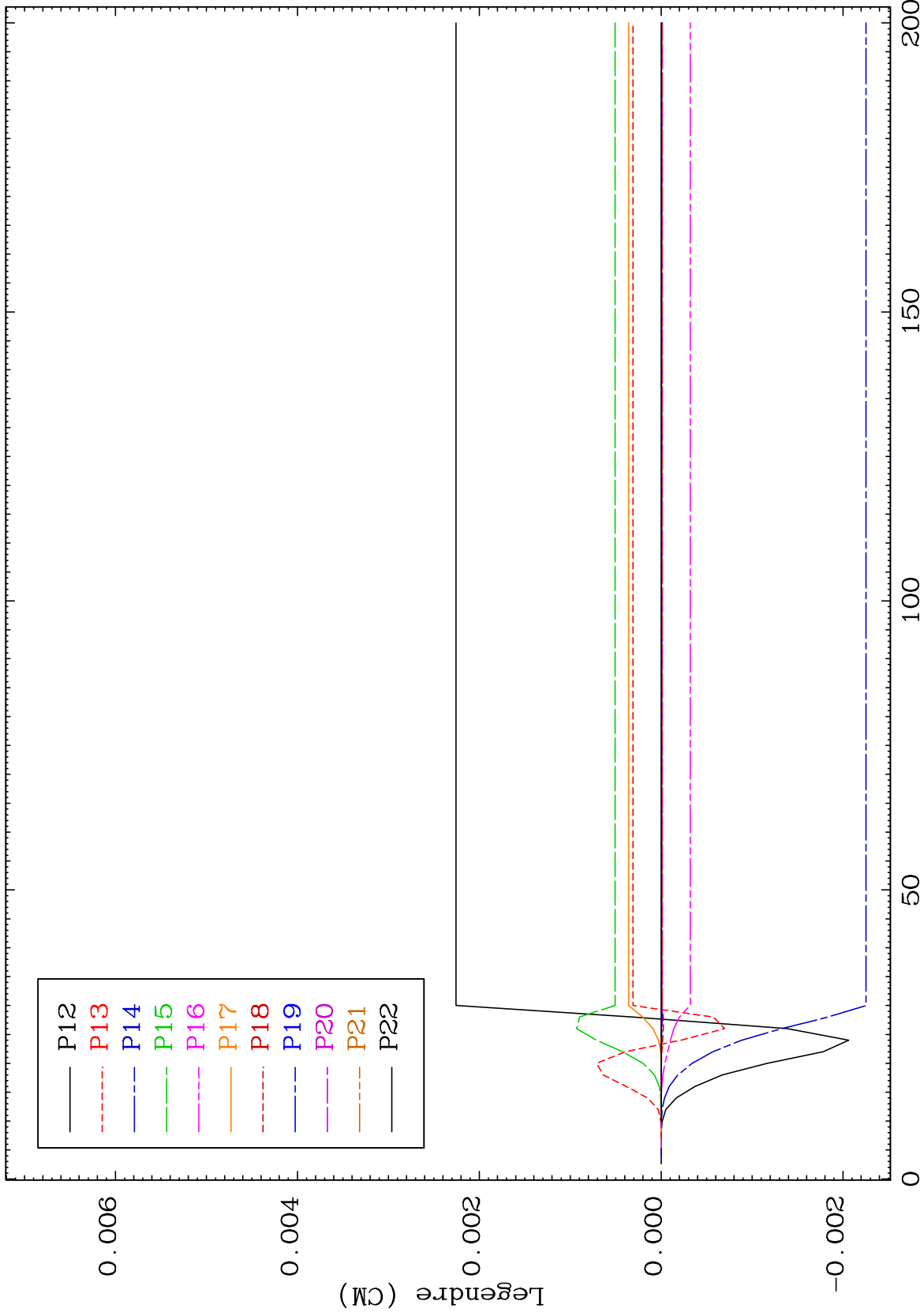
57-La-149



57-La-149

Incident Energy (MeV)

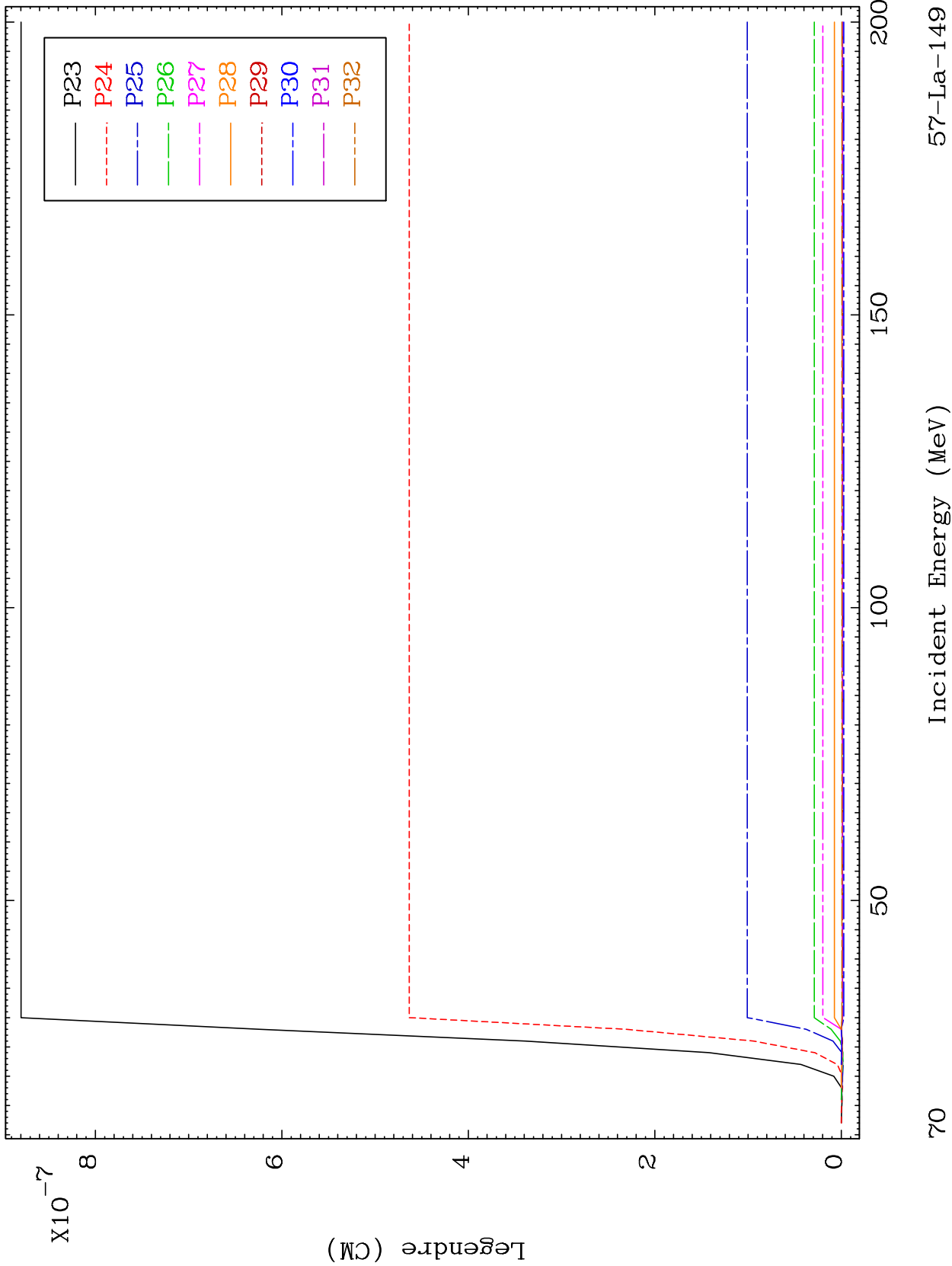
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MAT 5758

912.2 keV (n,n') Level
Legendre Coefficients

57-La-149



70

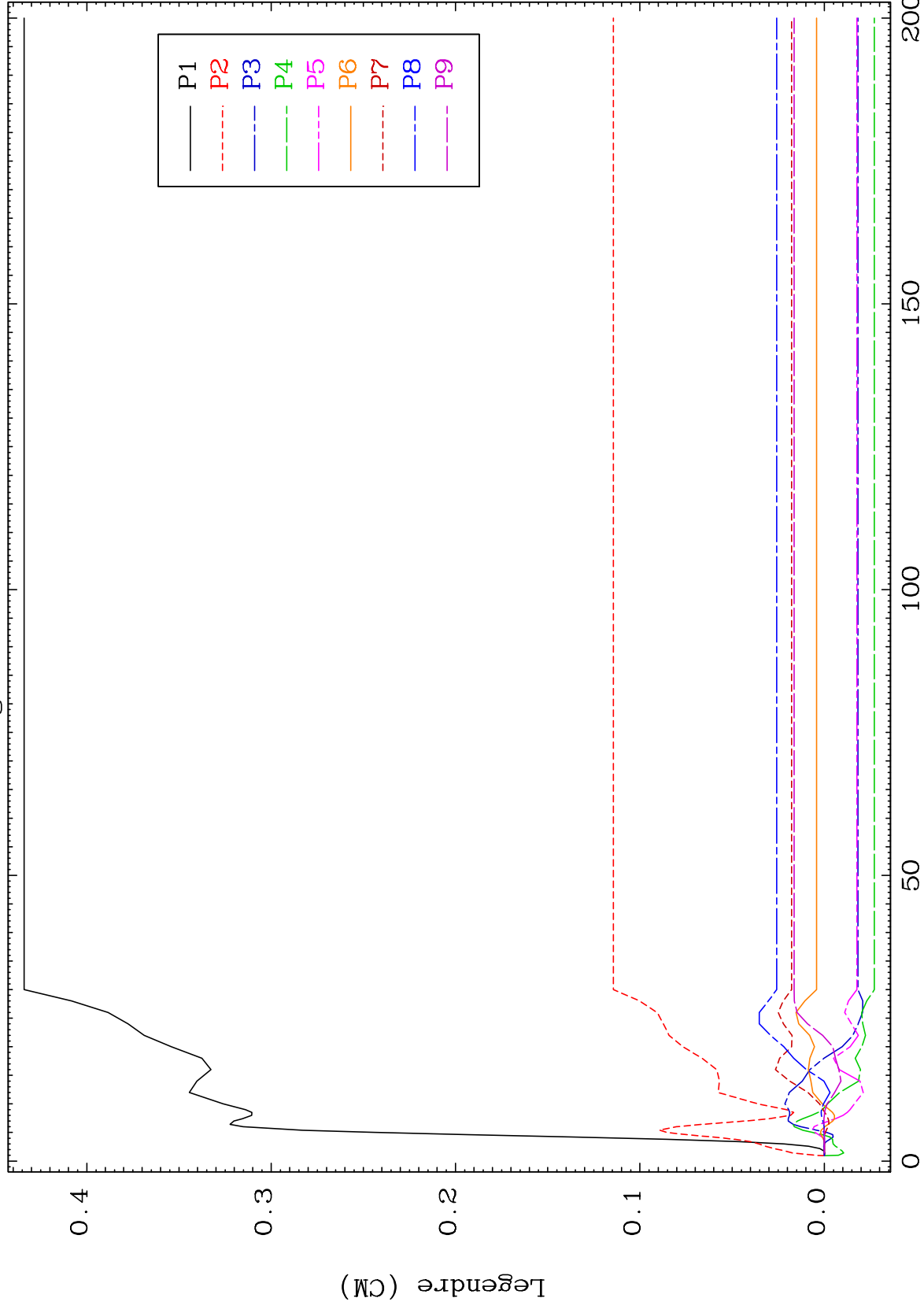
Incident Energy (MeV)

57-La-149

MAT 5758

920.1 keV (n,n') Level
Legendre Coefficients

57-La-149



71

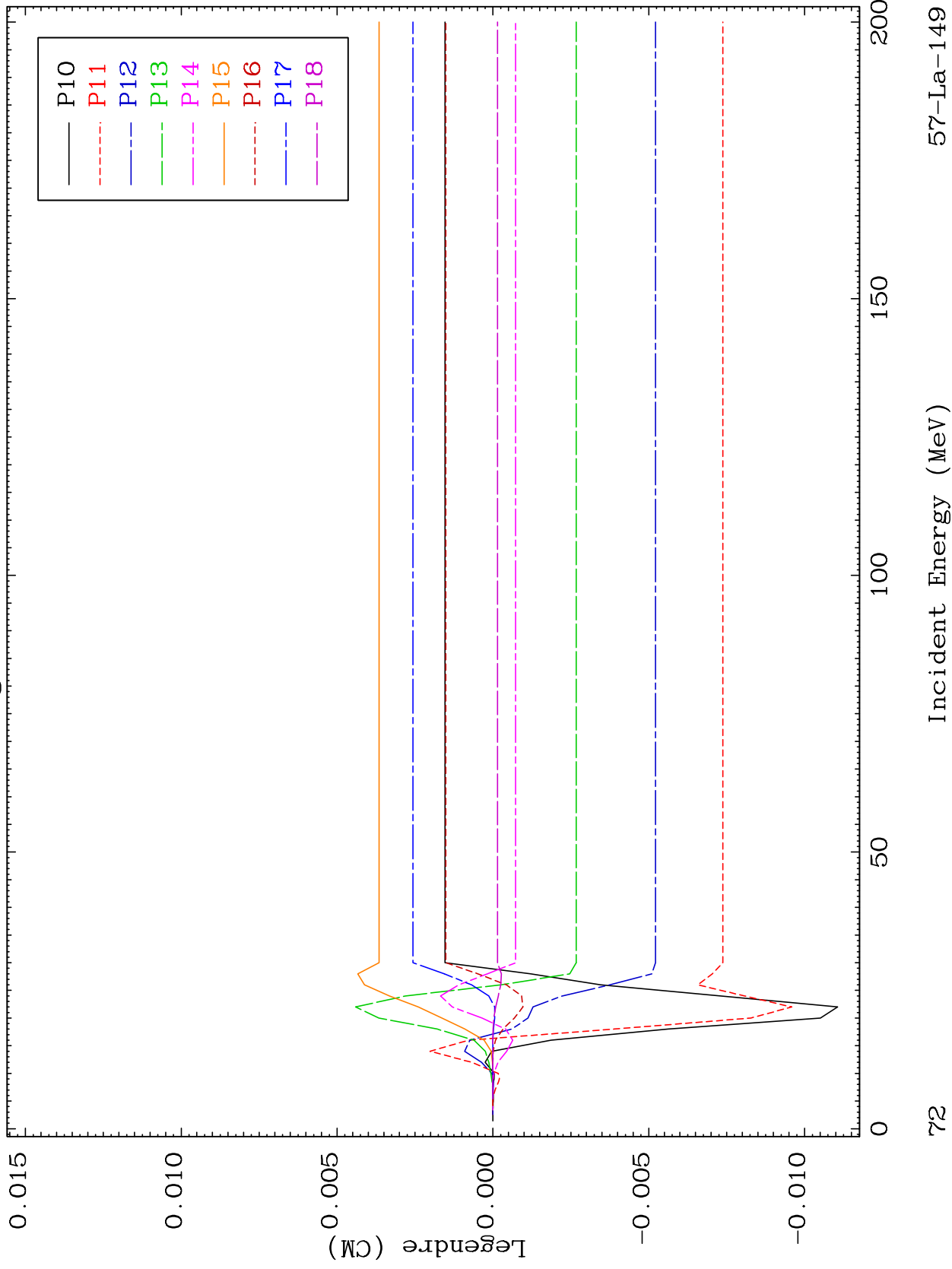
Incident Energy (MeV)

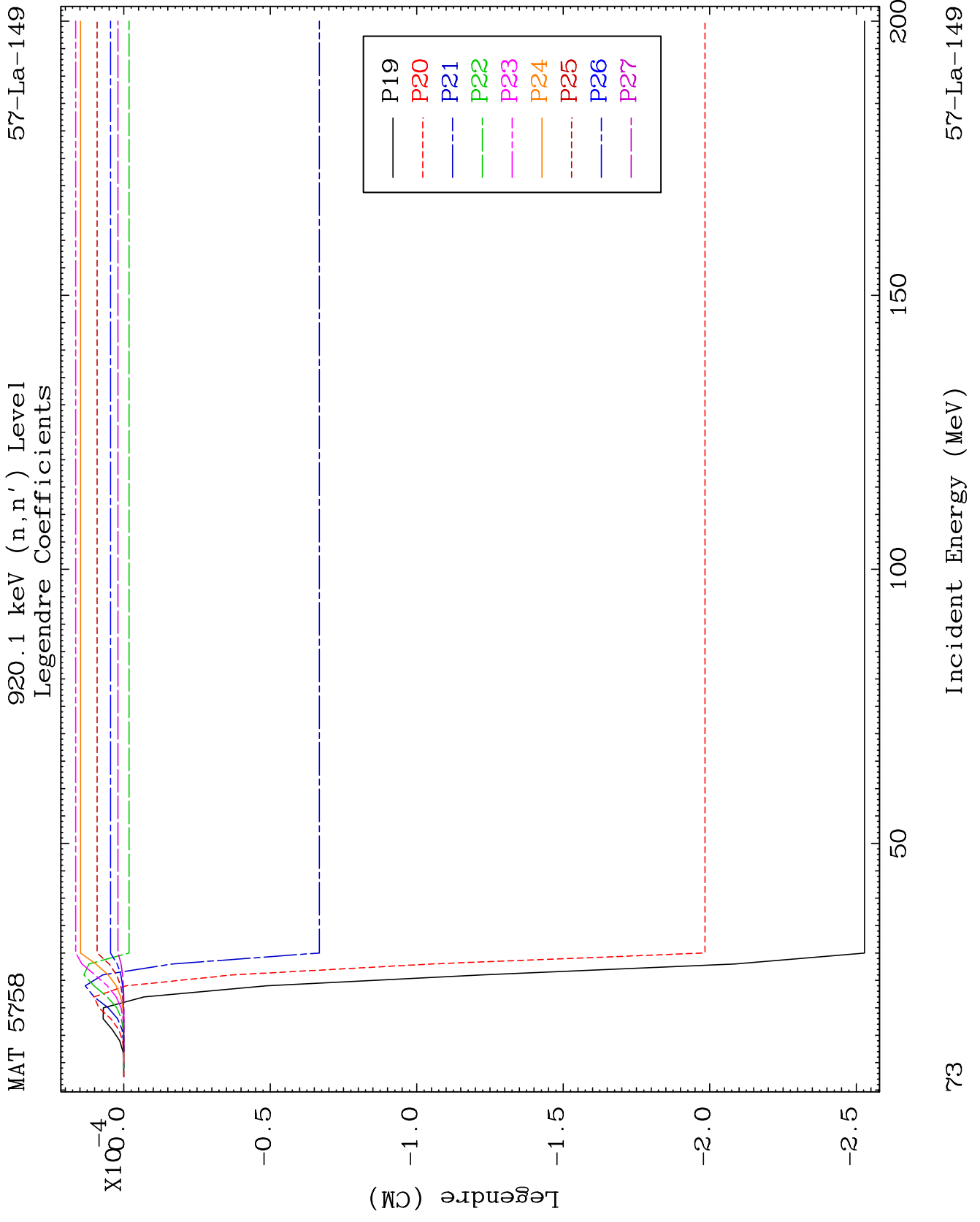
57-La-149

MAT 5758

920.1 keV (n,n') Level
Legendre Coefficients

57-La-149

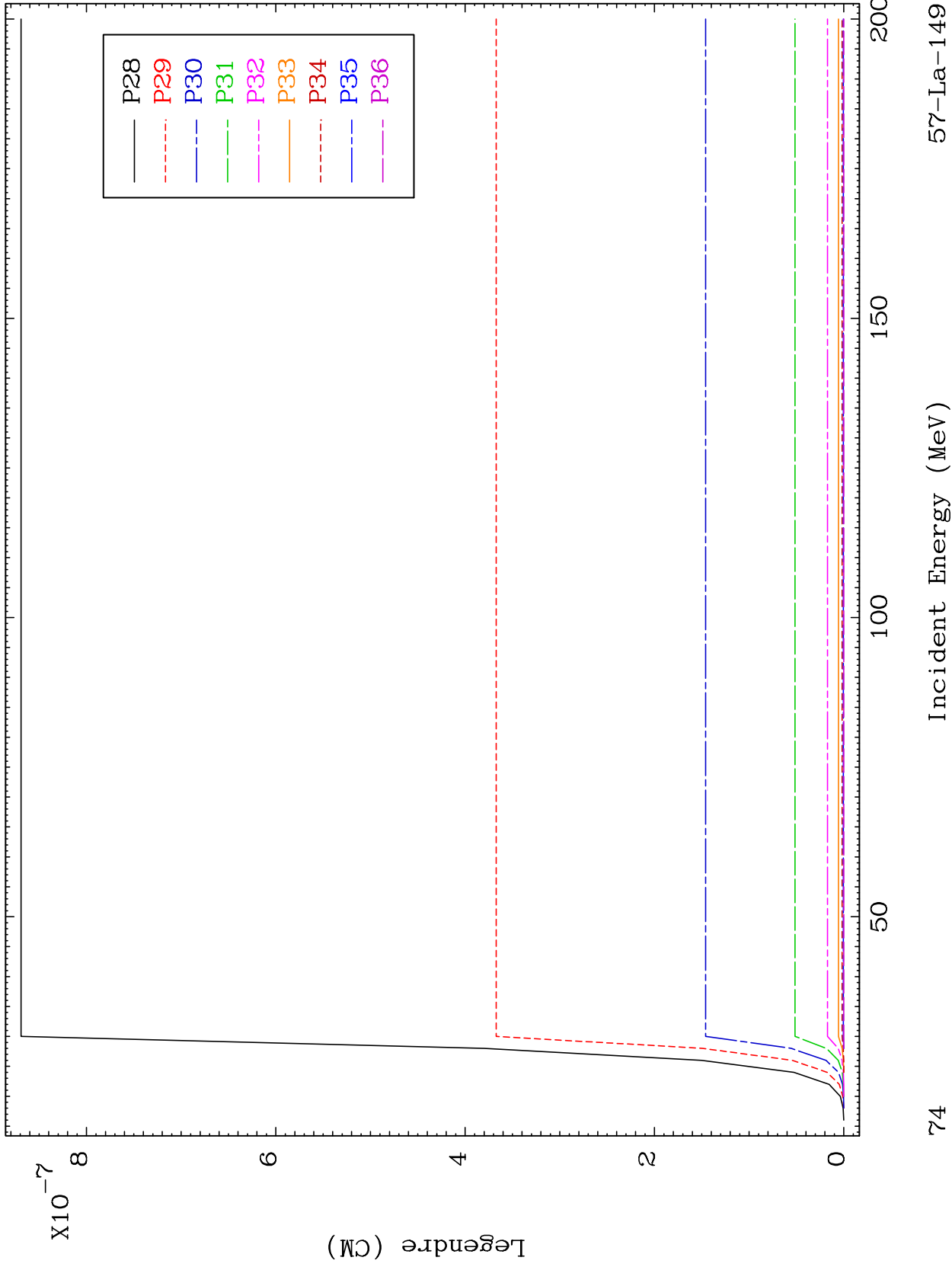




MAT 5758

920.1 keV (n,n') Level
Legendre Coefficients

57-La-149



74

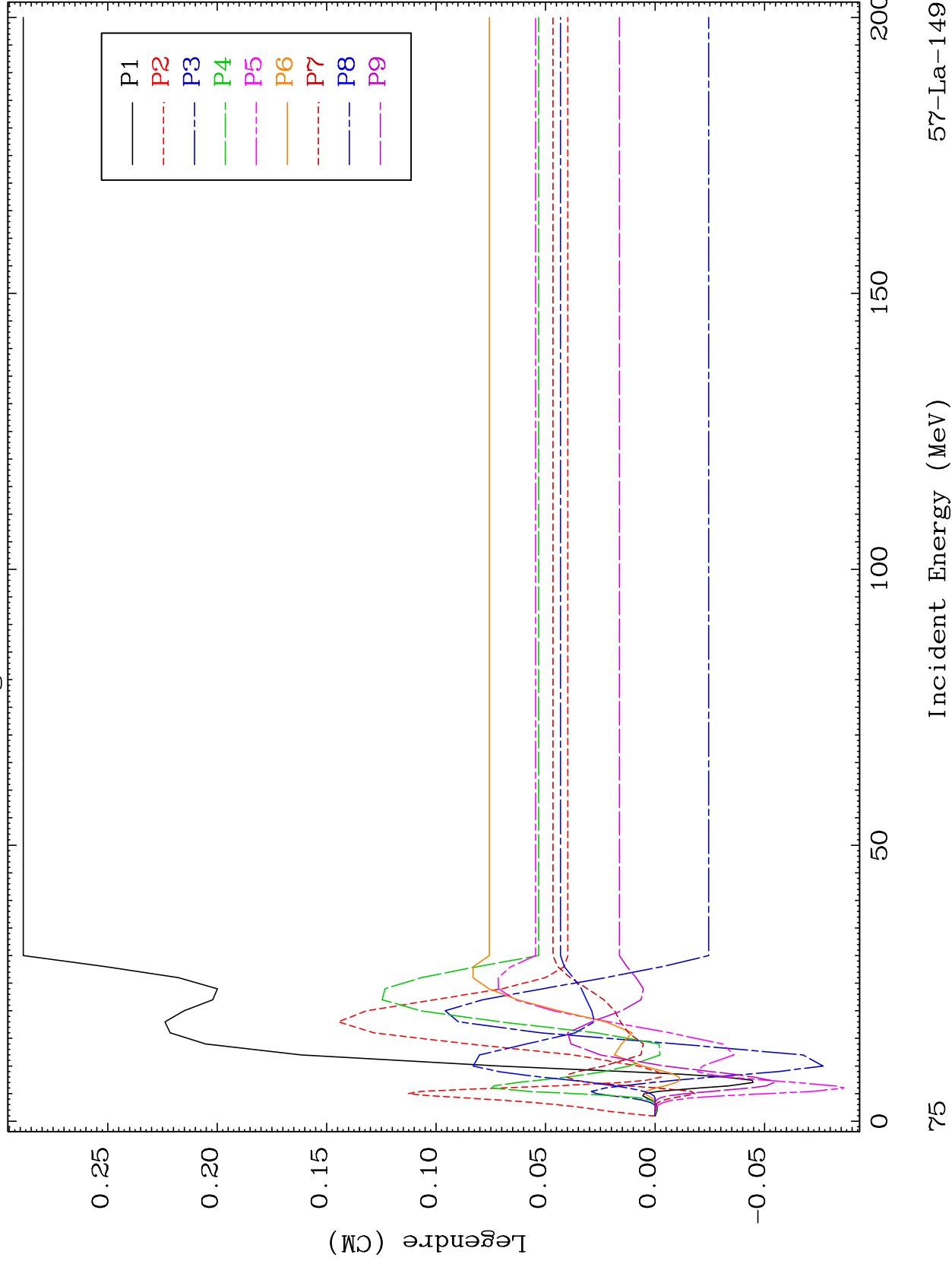
Incident Energy (MeV)

57-La-149

MAT 5758

927.0 keV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

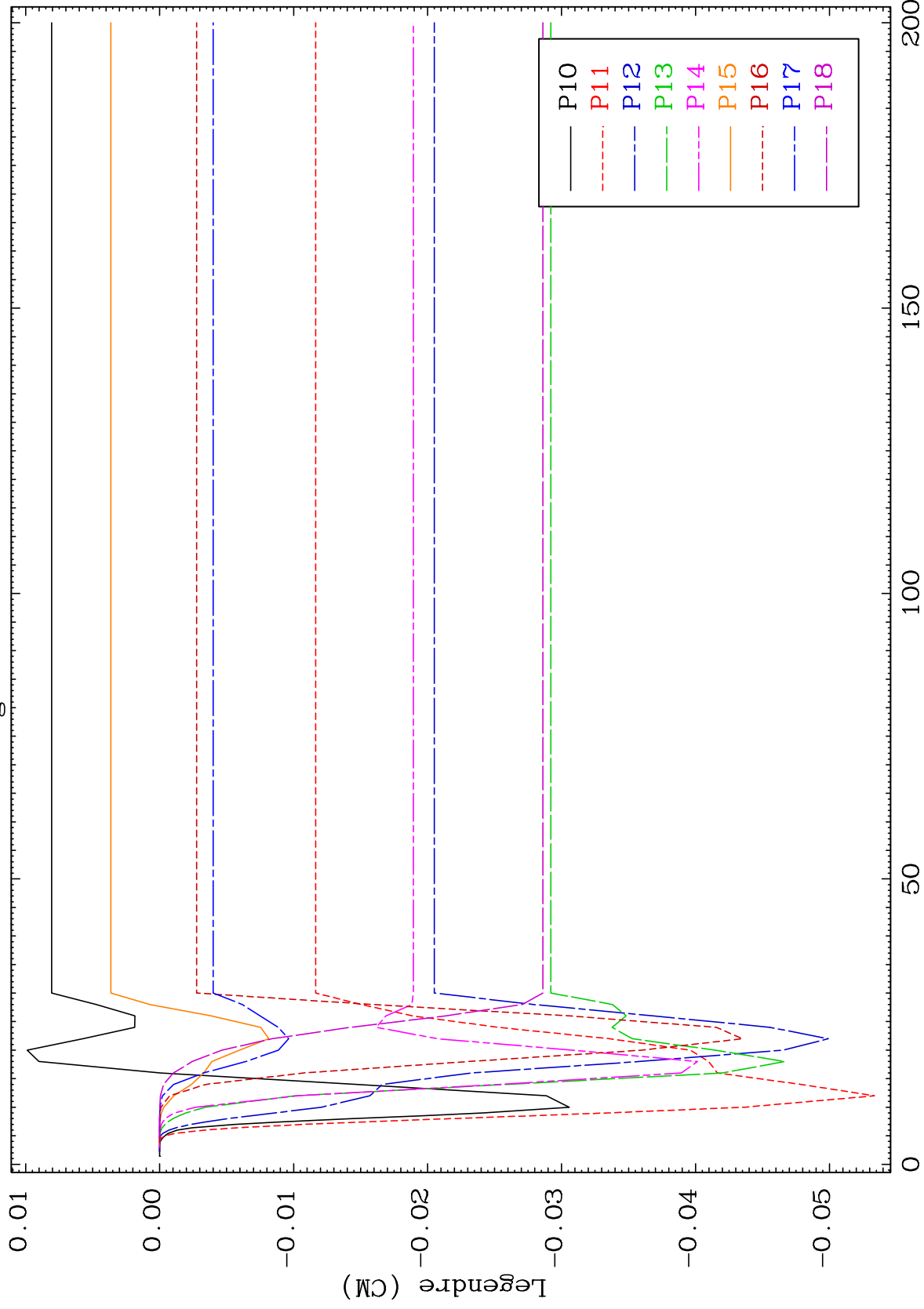
Incident Energy (MeV)

75

MAT 5758

927.0 keV (n,n') Level
Legendre Coefficients

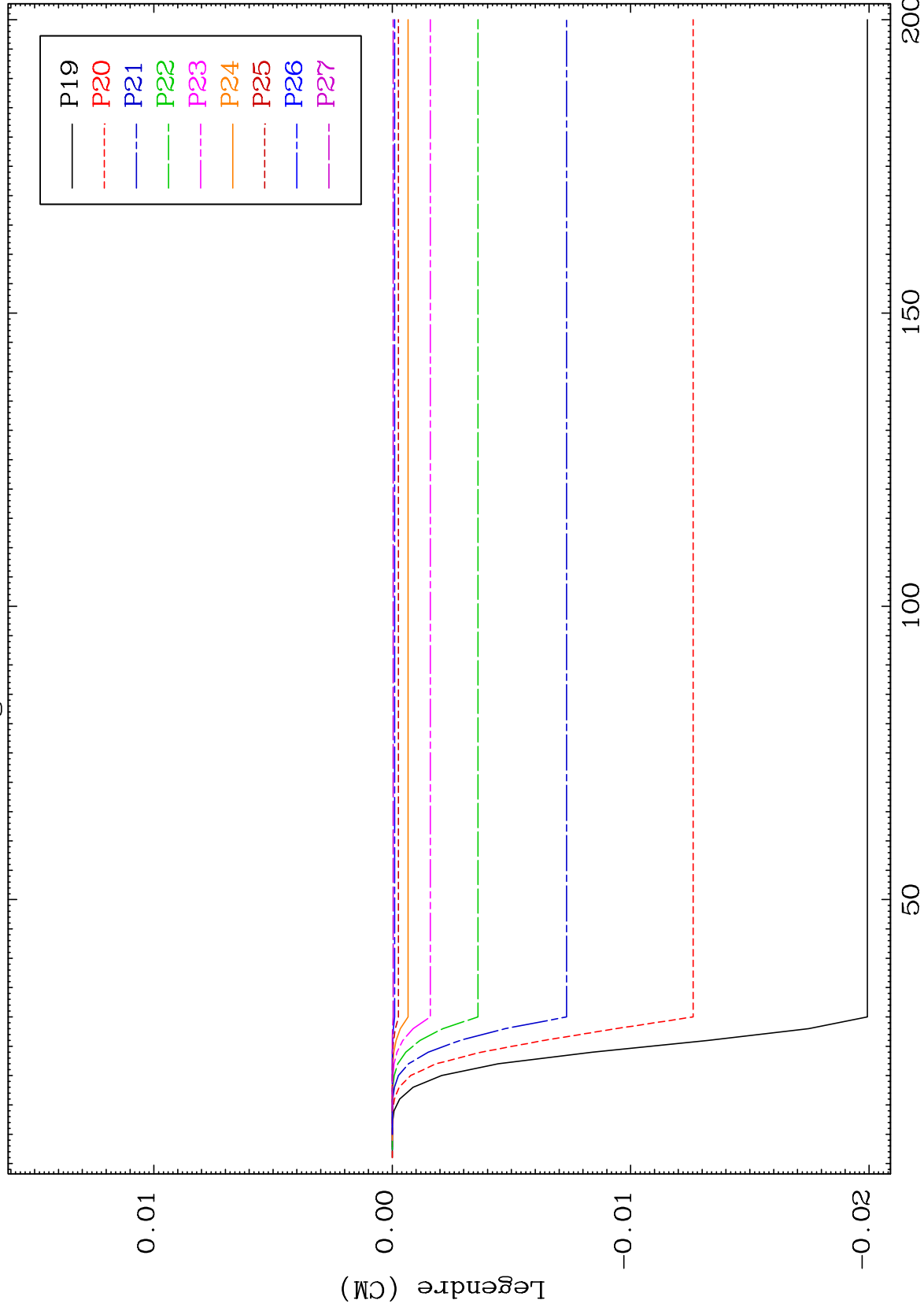
57-La-149

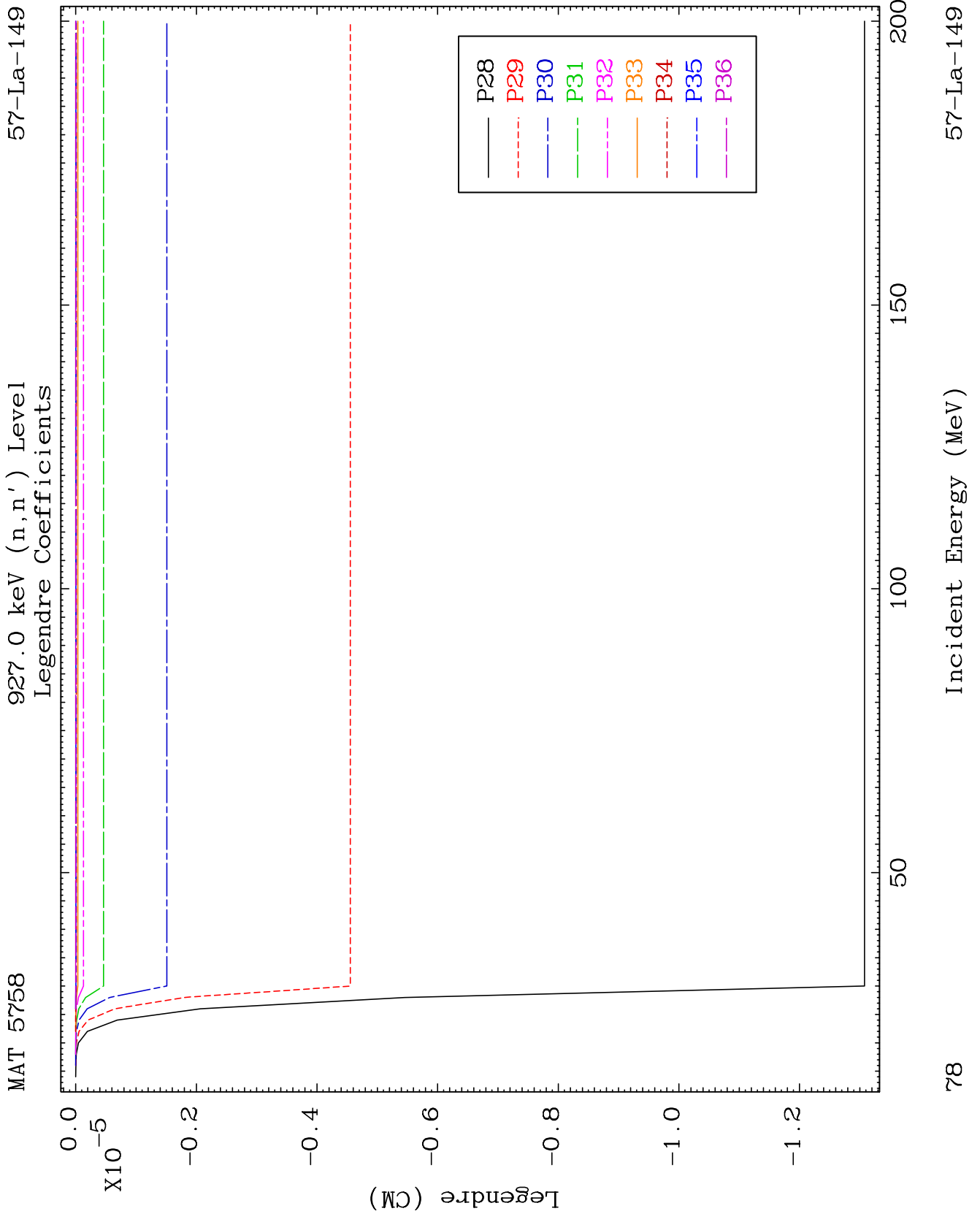


76

Incident Energy (MeV)

57-La-149

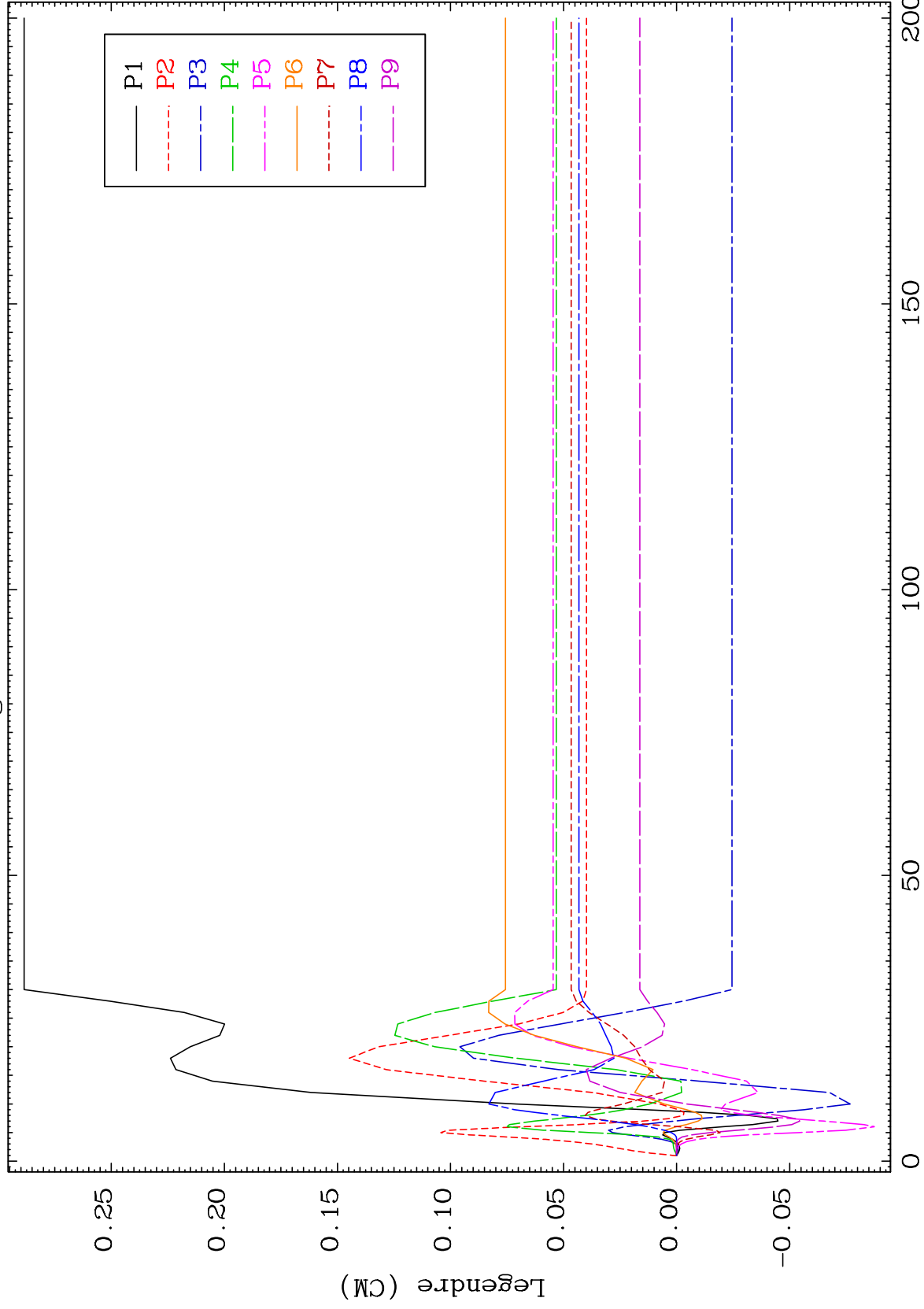




MAT 5758

928.4 keV (n,n') Level
Legendre Coefficients

57-La-149



79

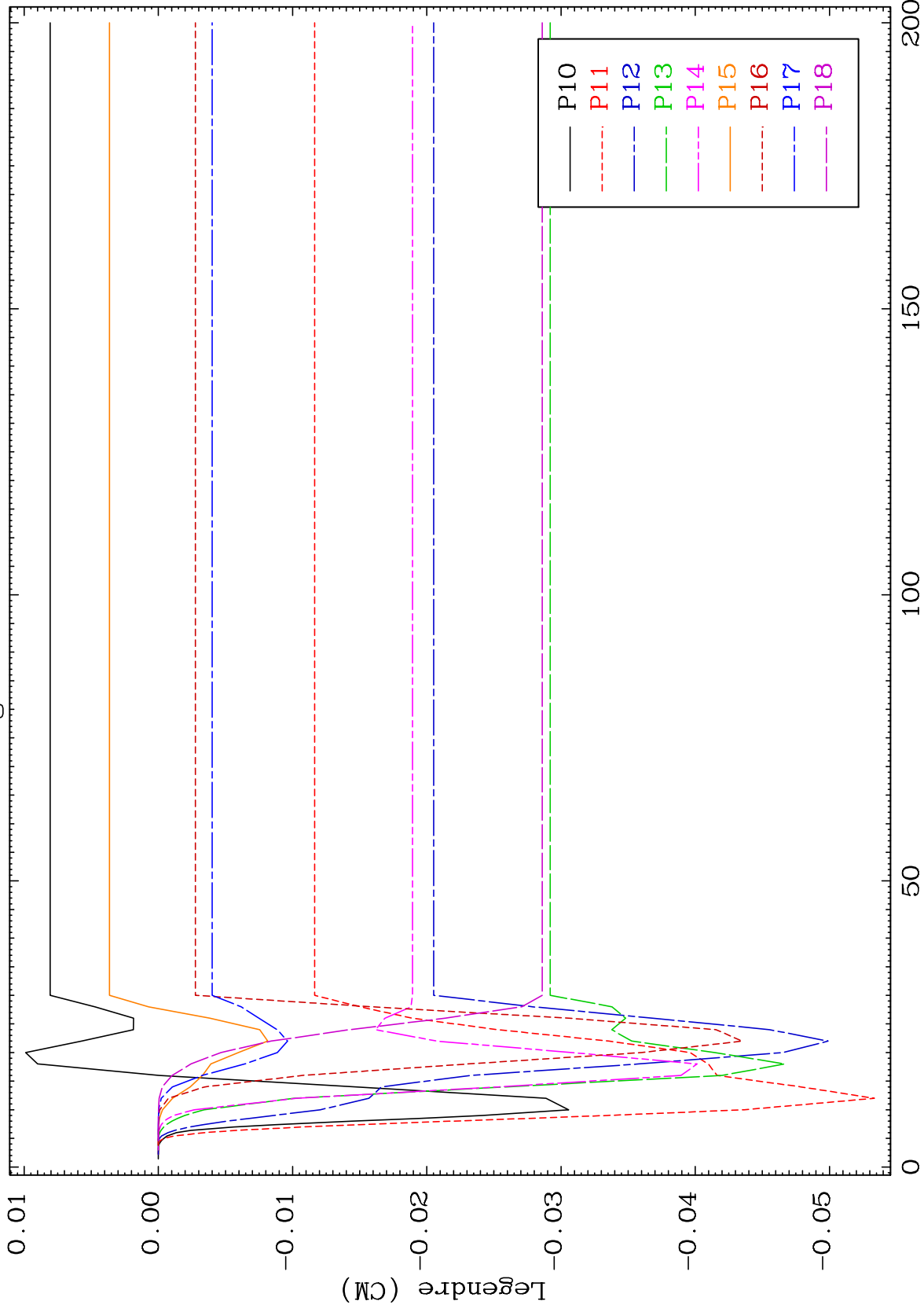
Incident Energy (MeV)

57-La-149

MAT 5758

928.4 keV (n,n') Level
Legendre Coefficients

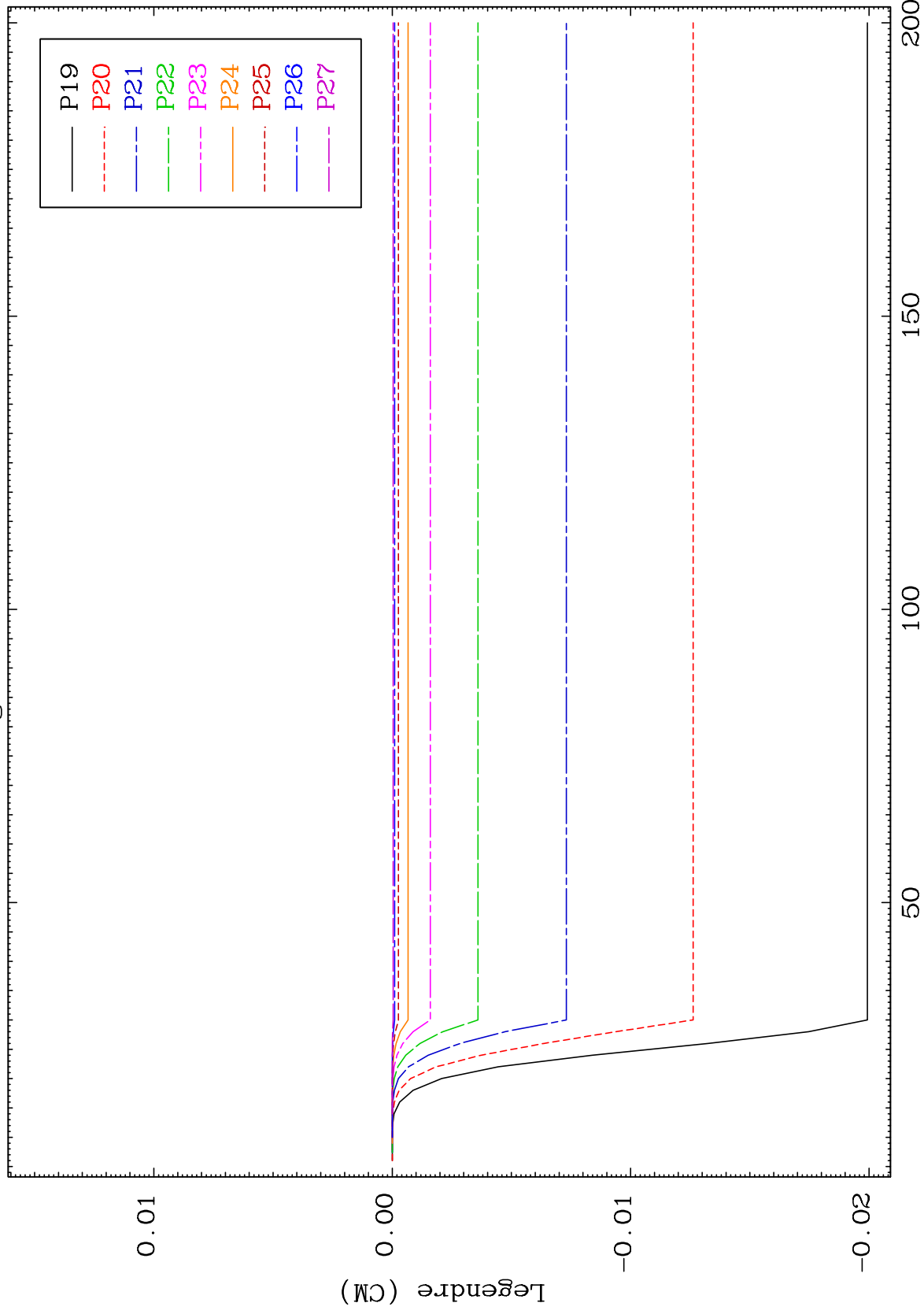
57-La-149

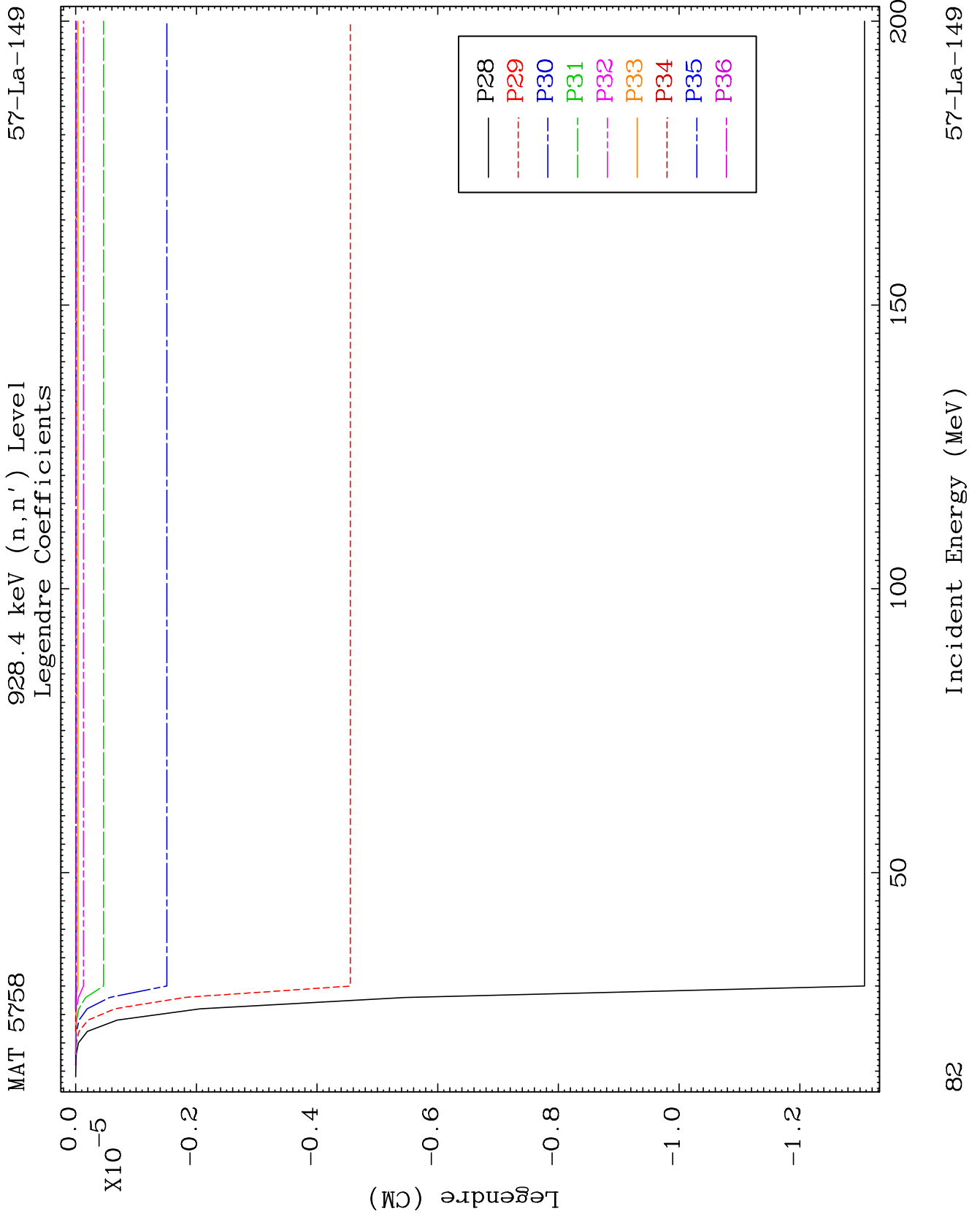


57-La-149

Incident Energy (MeV)

80

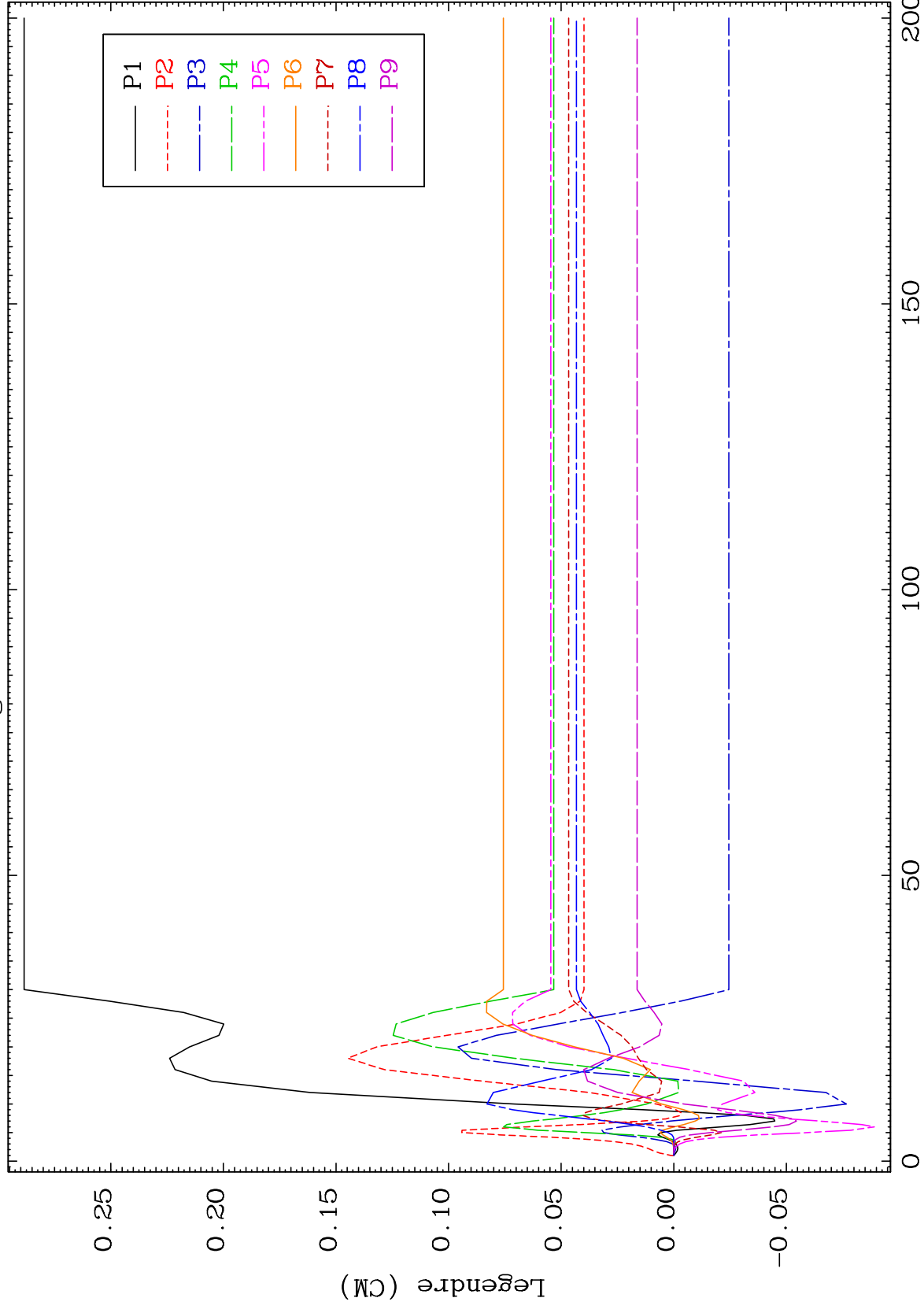




MAT 5758

934.6 keV (n,n') Level
Legendre Coefficients

57-La-149



83

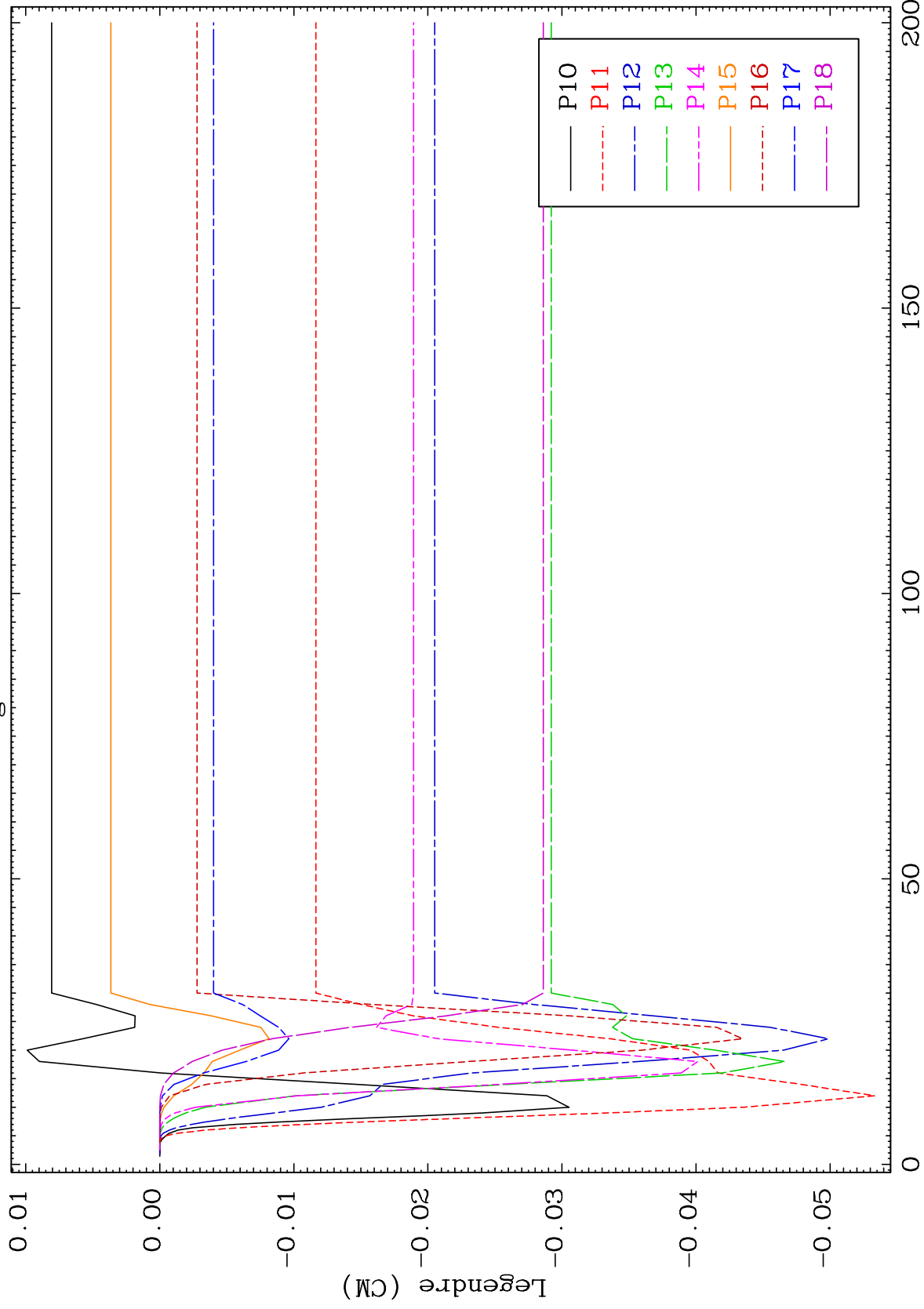
Incident Energy (MeV)

57-La-149

MAT 5758

934.6 keV (n,n') Level
Legendre Coefficients

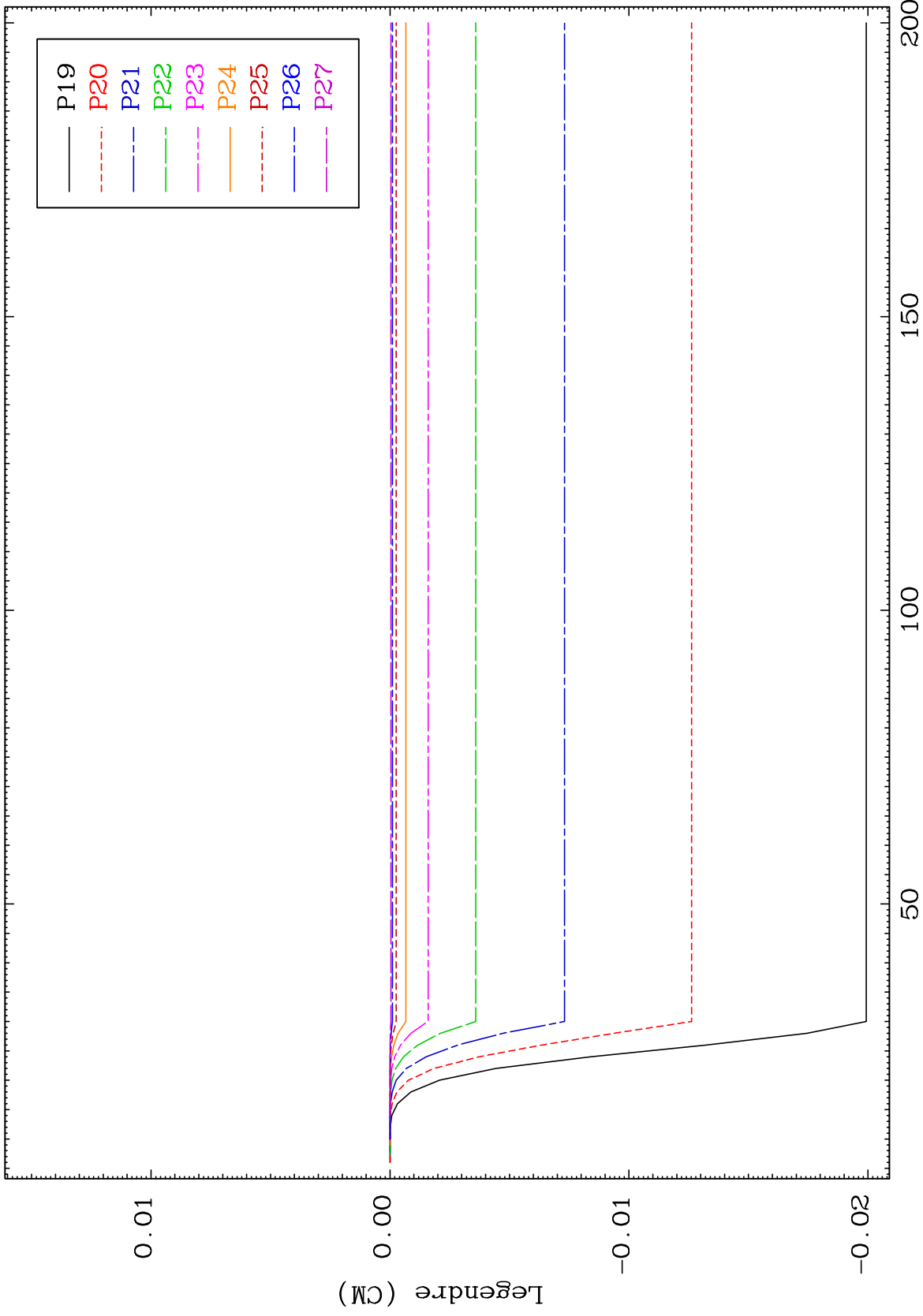
57-La-149

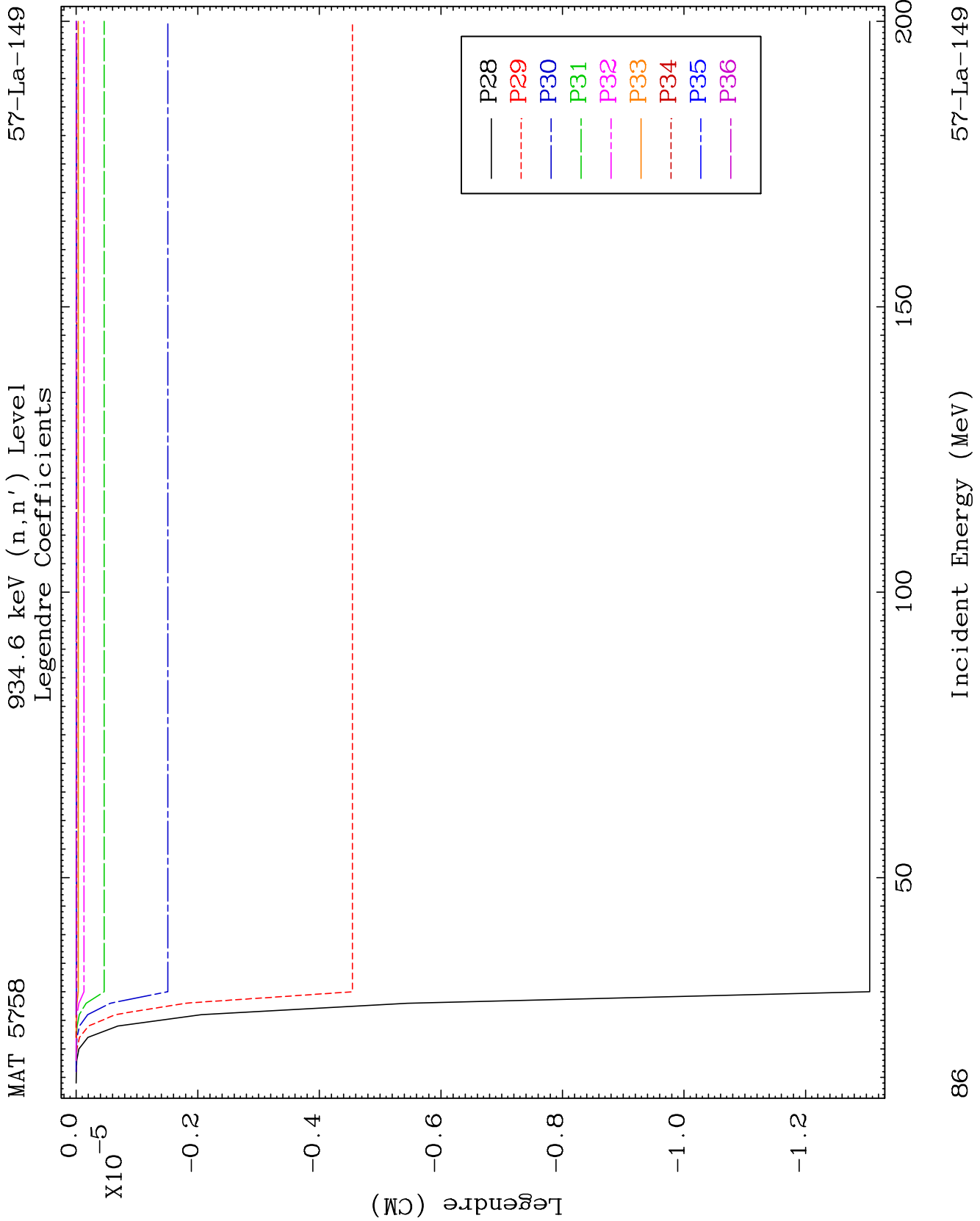


84

Incident Energy (MeV)

57-La-149

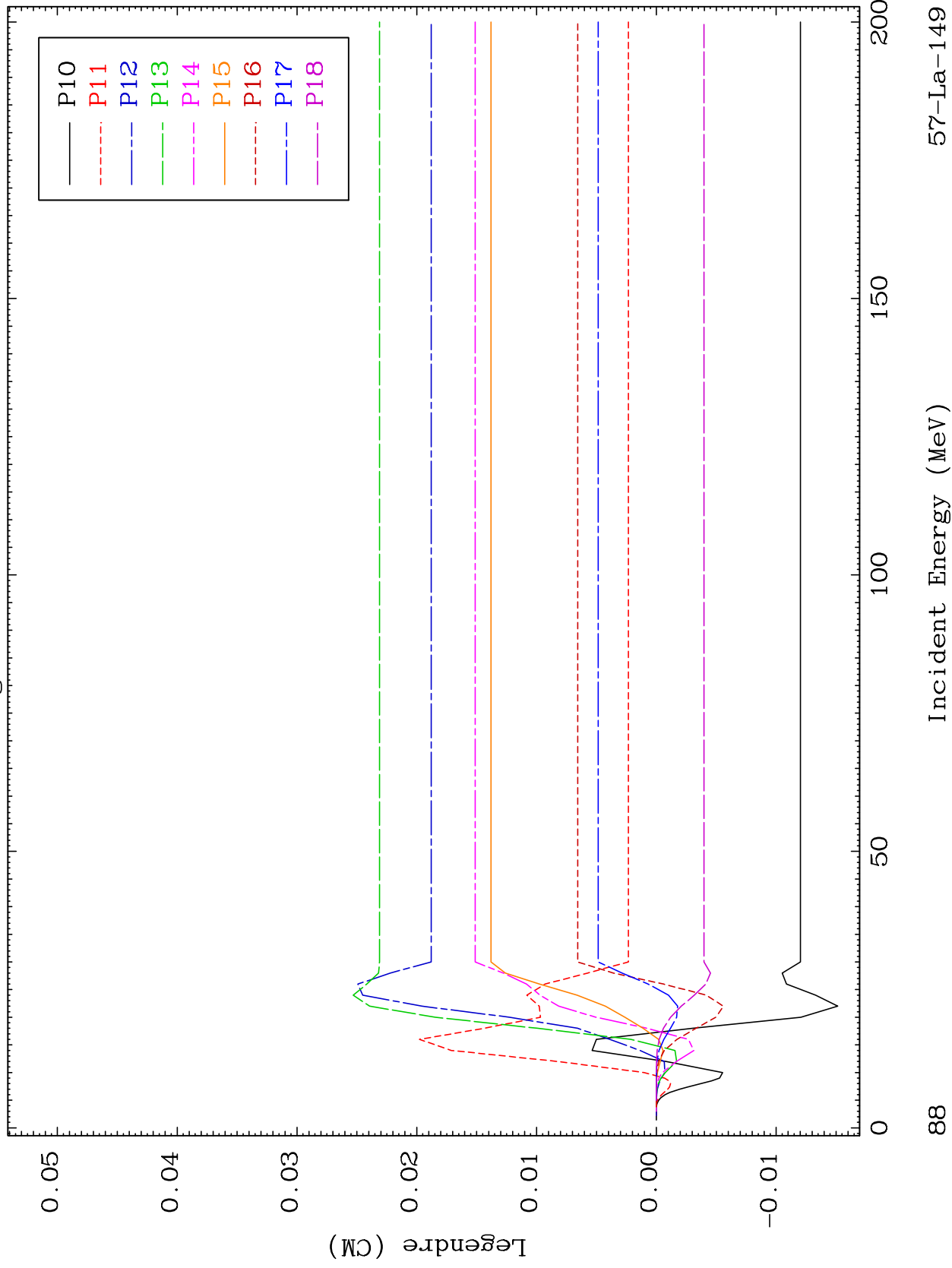




MAT 5758

950.6 keV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

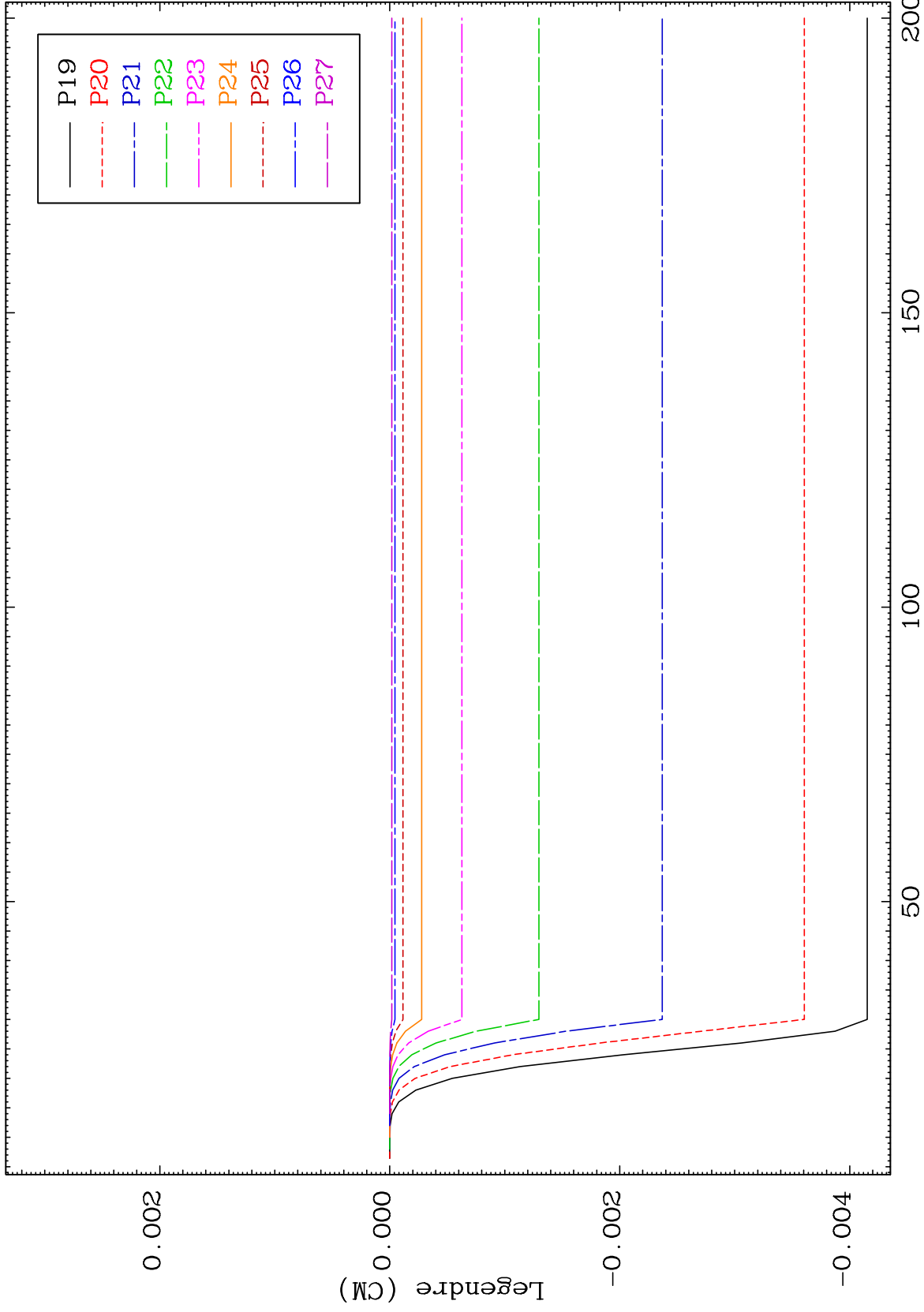
Incident Energy (MeV)

88

MAT 5758

950.6 keV (n,n') Level
Legendre Coefficients

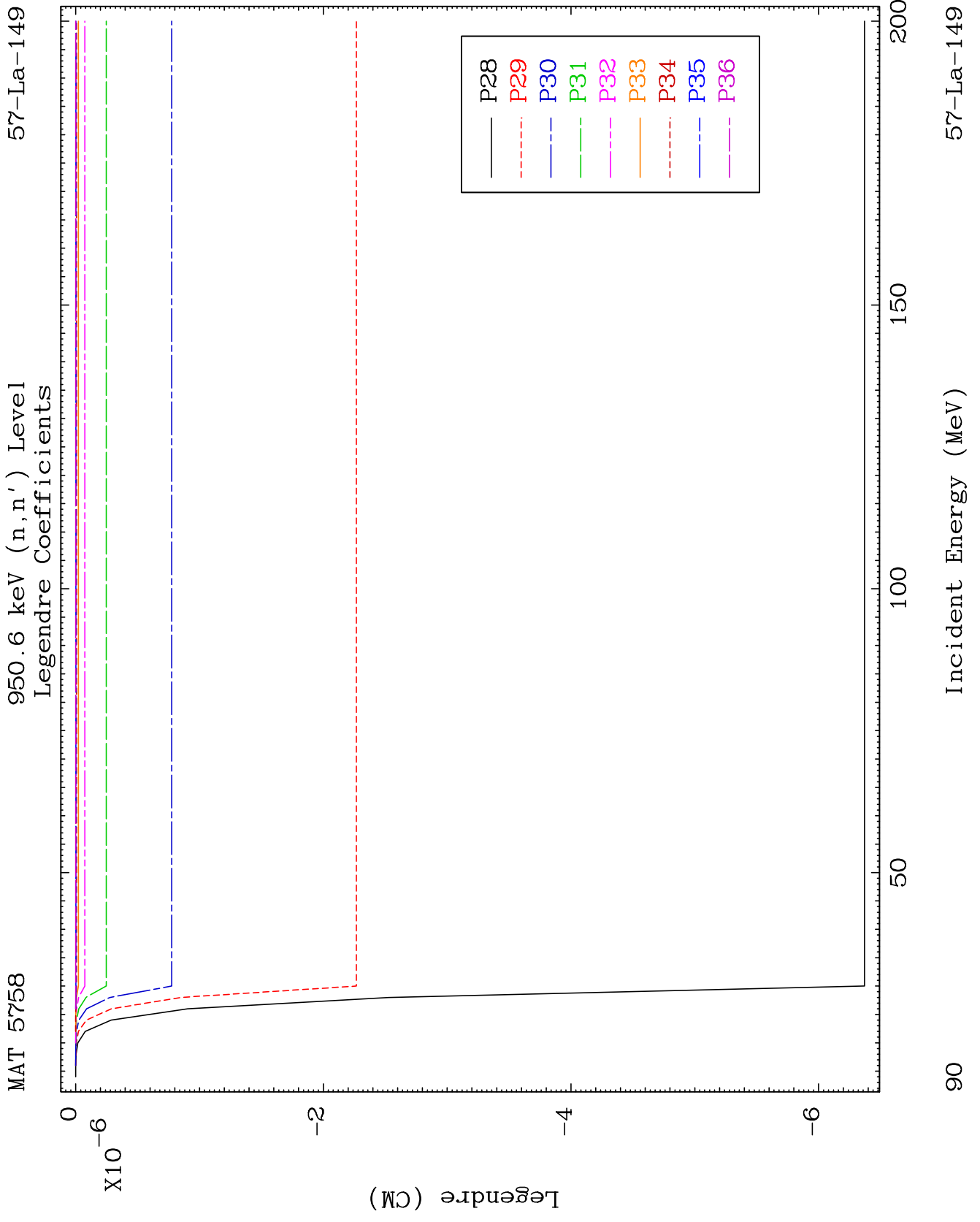
57-La-149



89

Incident Energy (MeV)

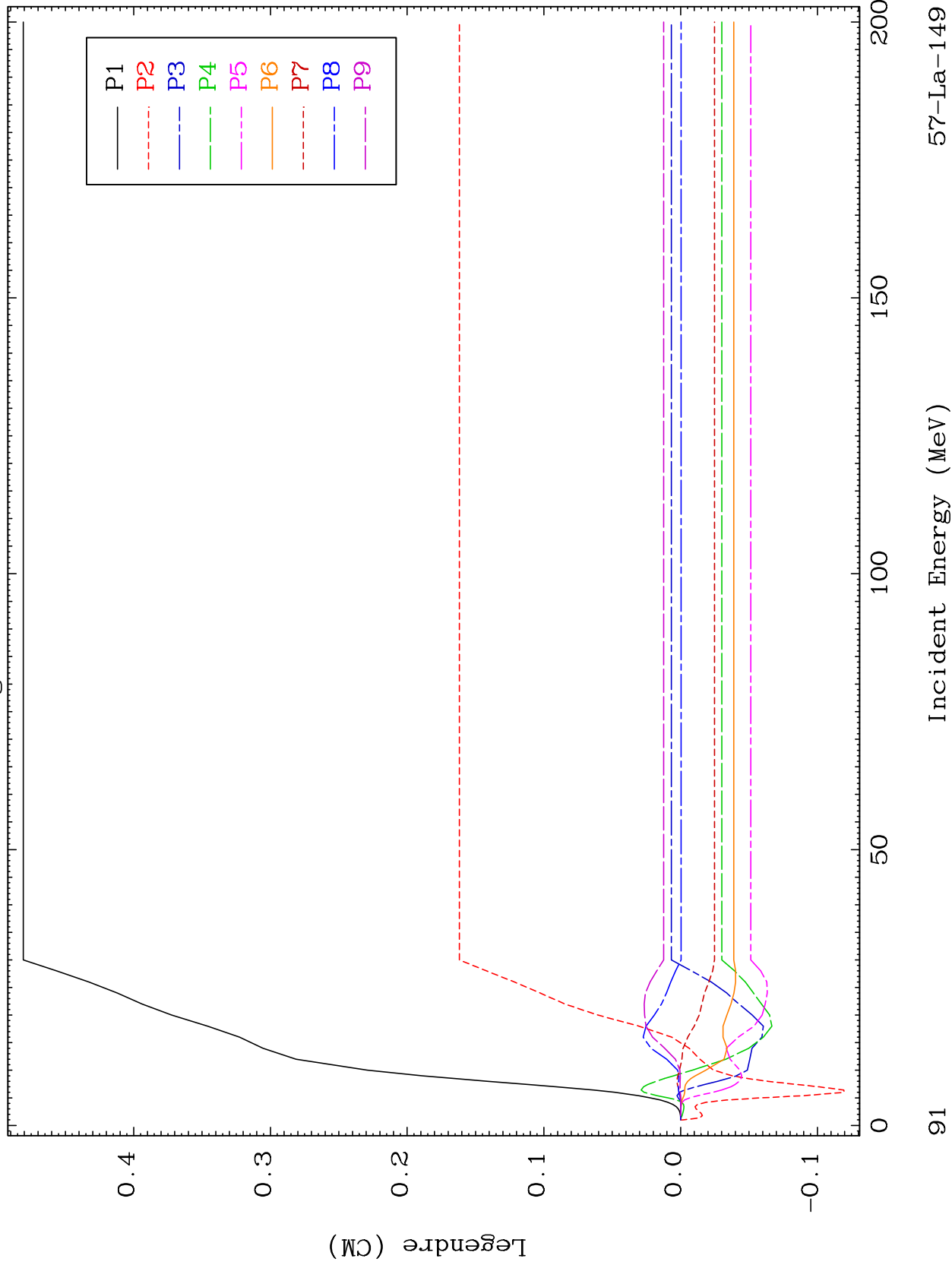
57-La-149



MAT 5758

960.8 keV (n,n') Level
Legendre Coefficients

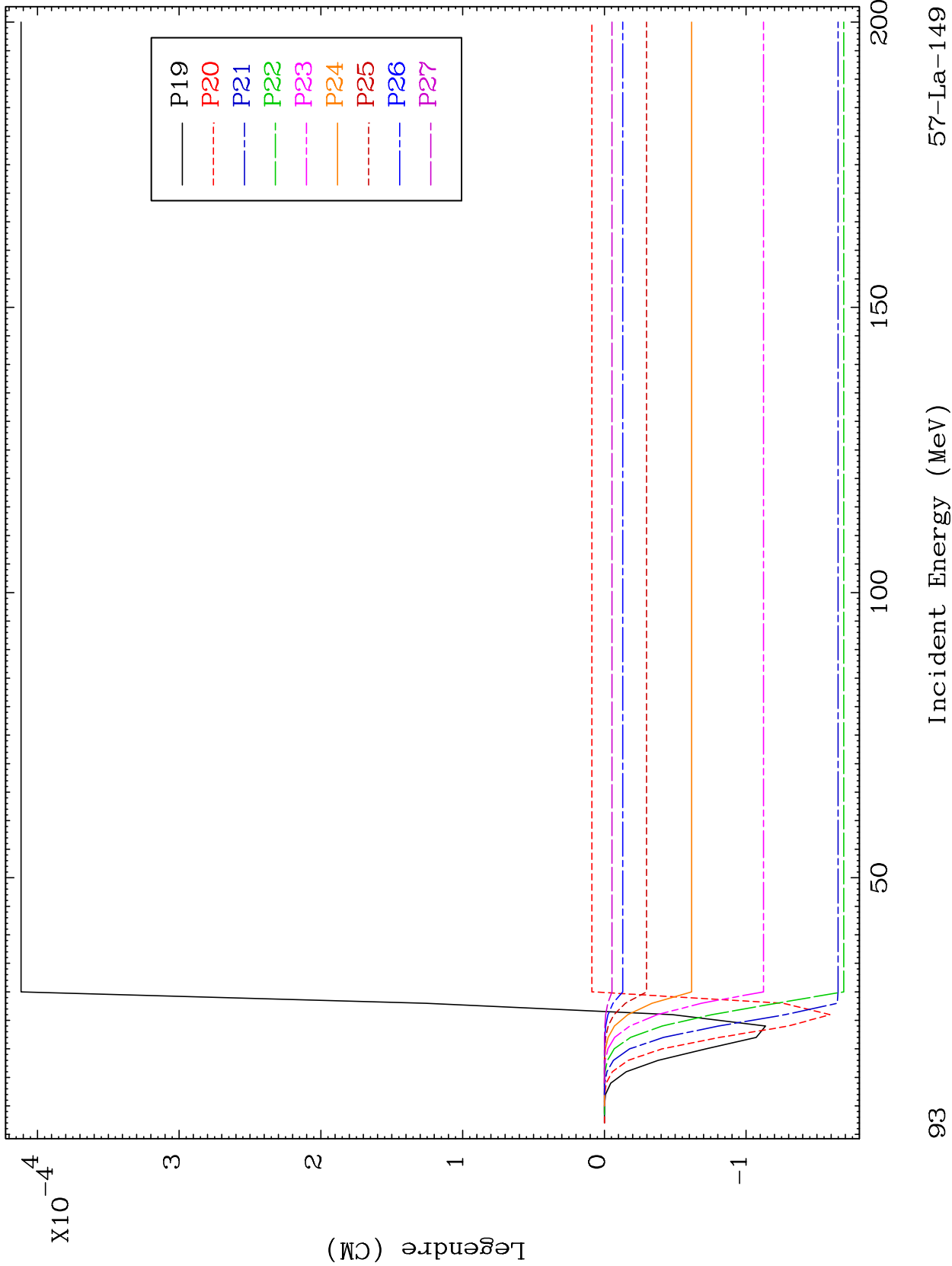
57-La-149

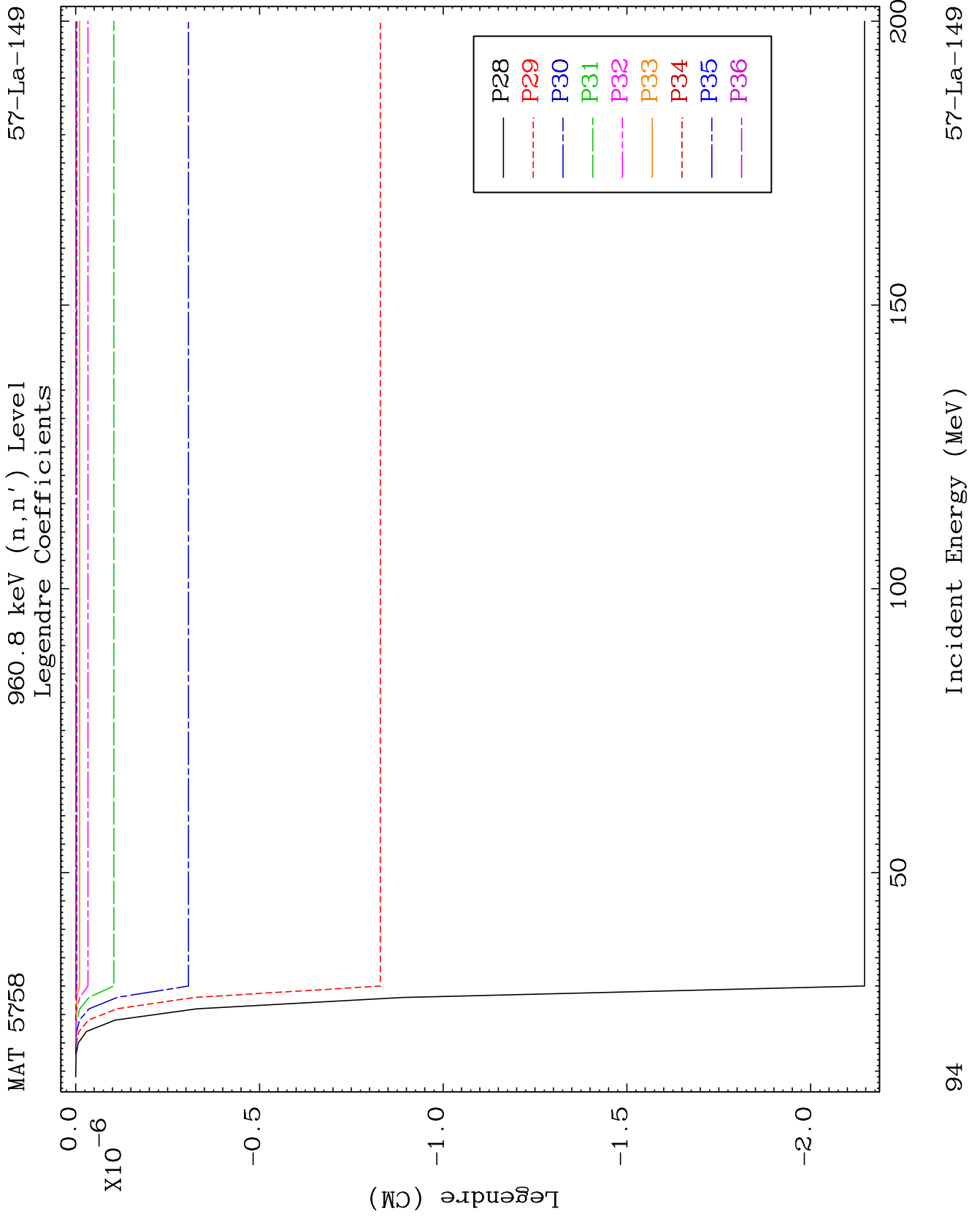


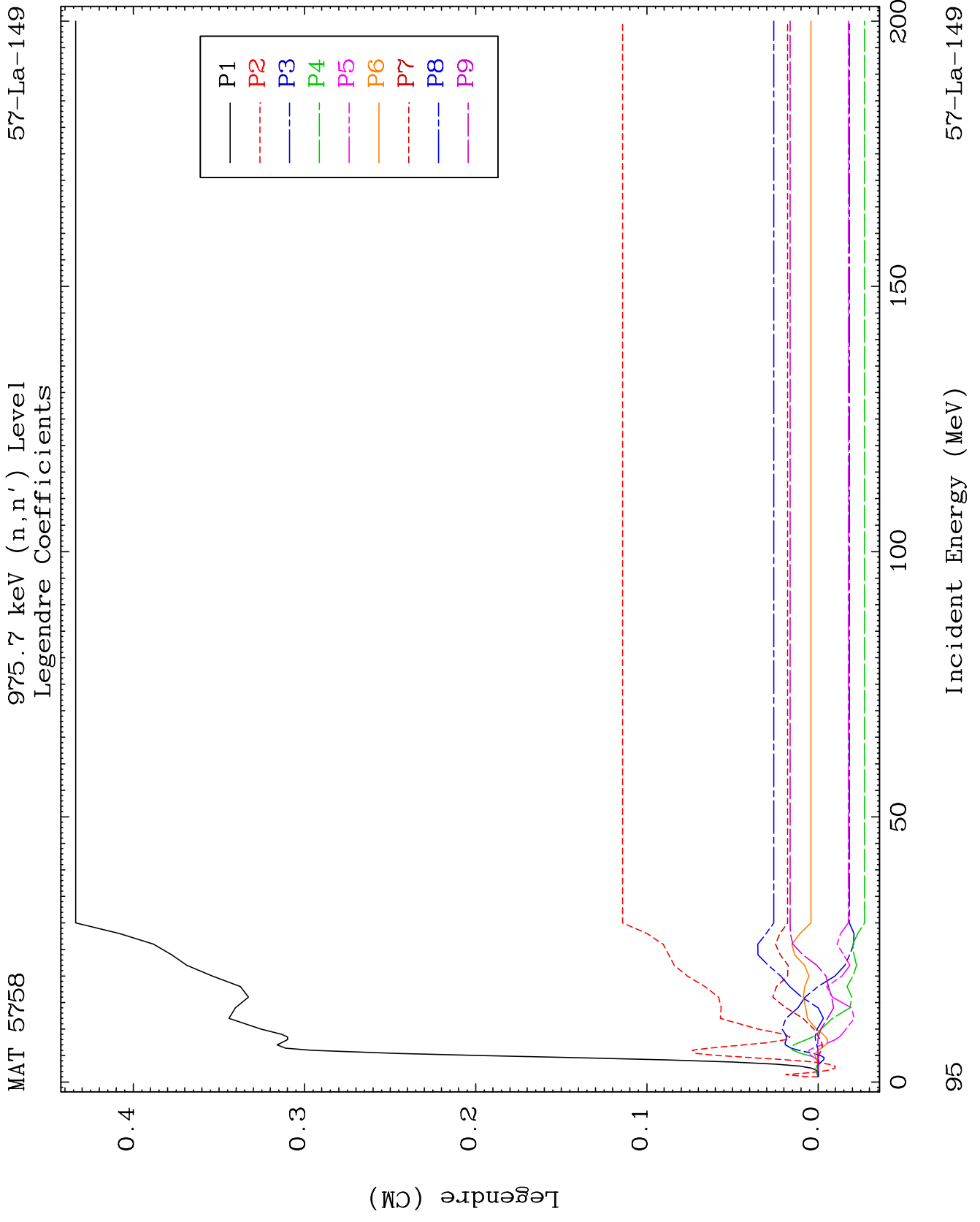
57-La-149

Incident Energy (MeV)

91



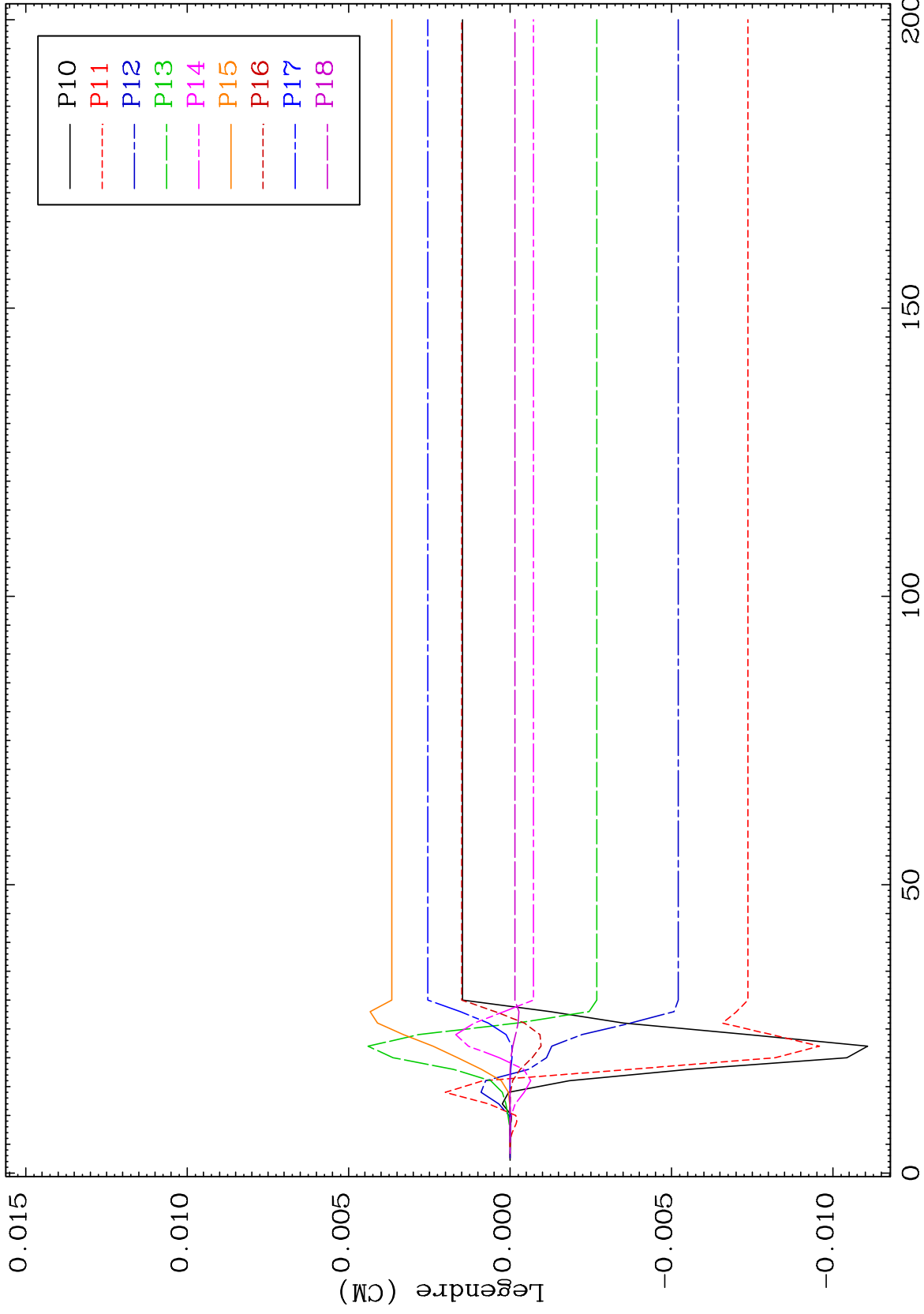




MAT 5758

975.7 keV (n,n') Level
Legendre Coefficients

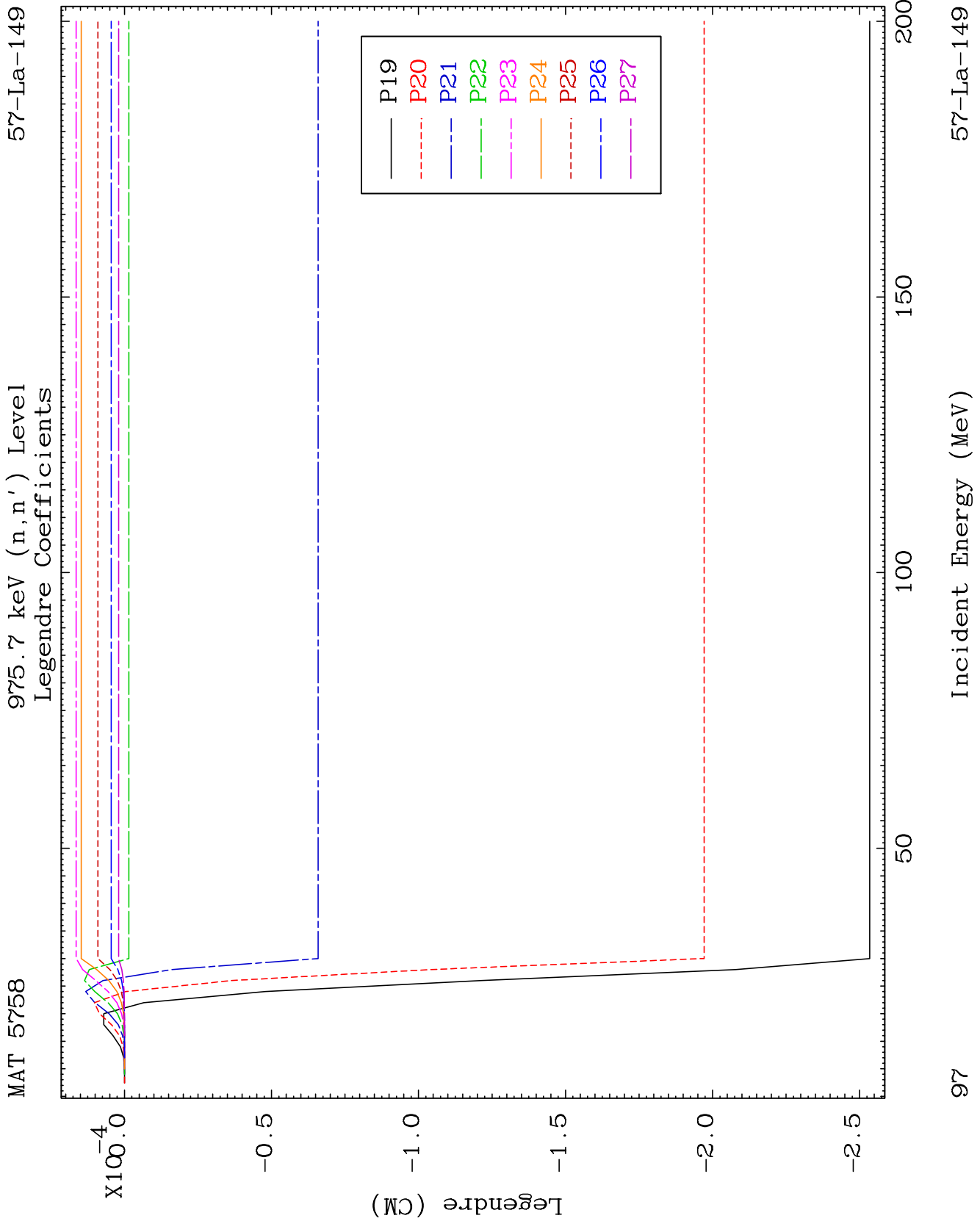
57-La-149



96

Incident Energy (MeV)

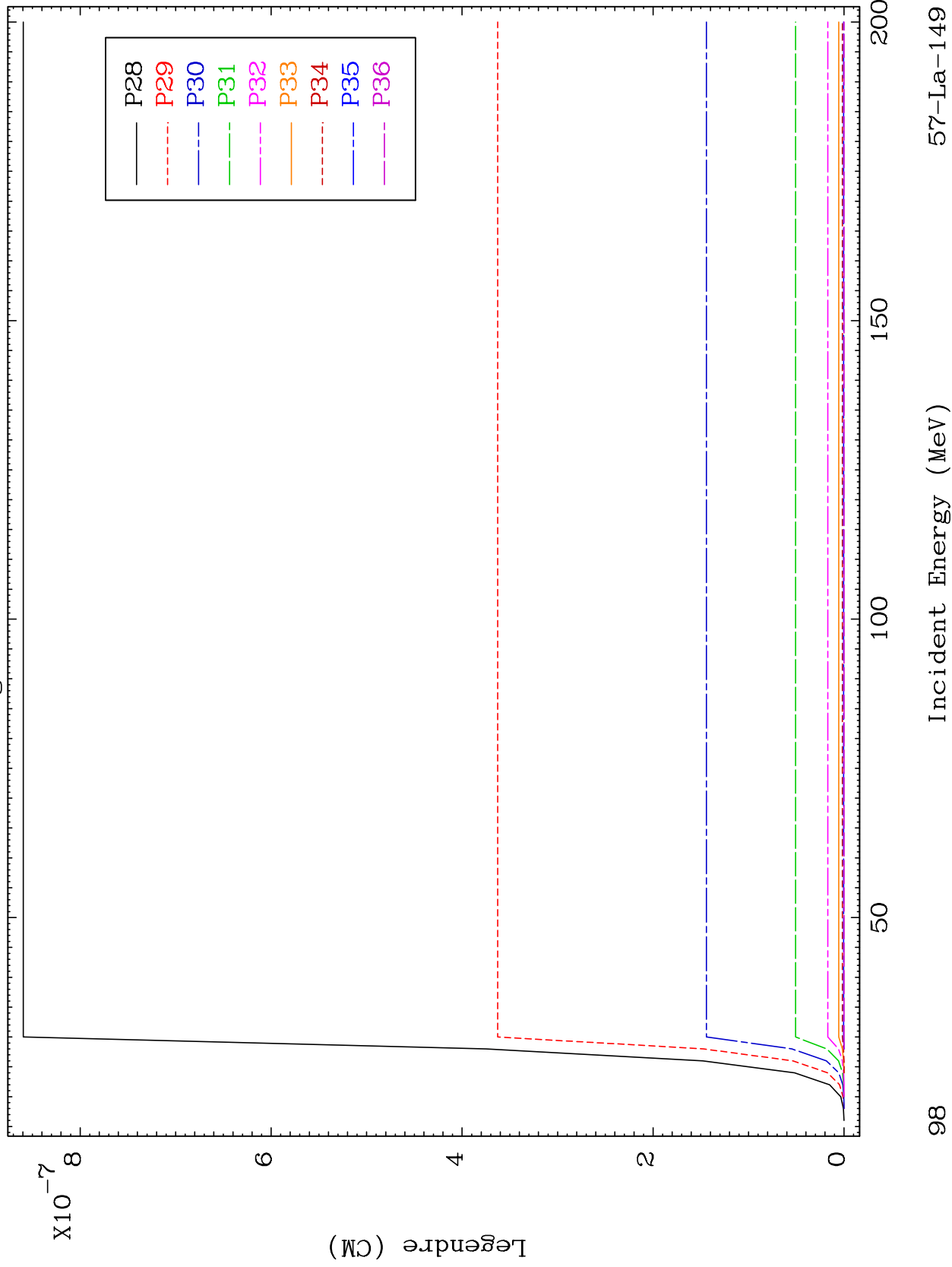
57-La-149

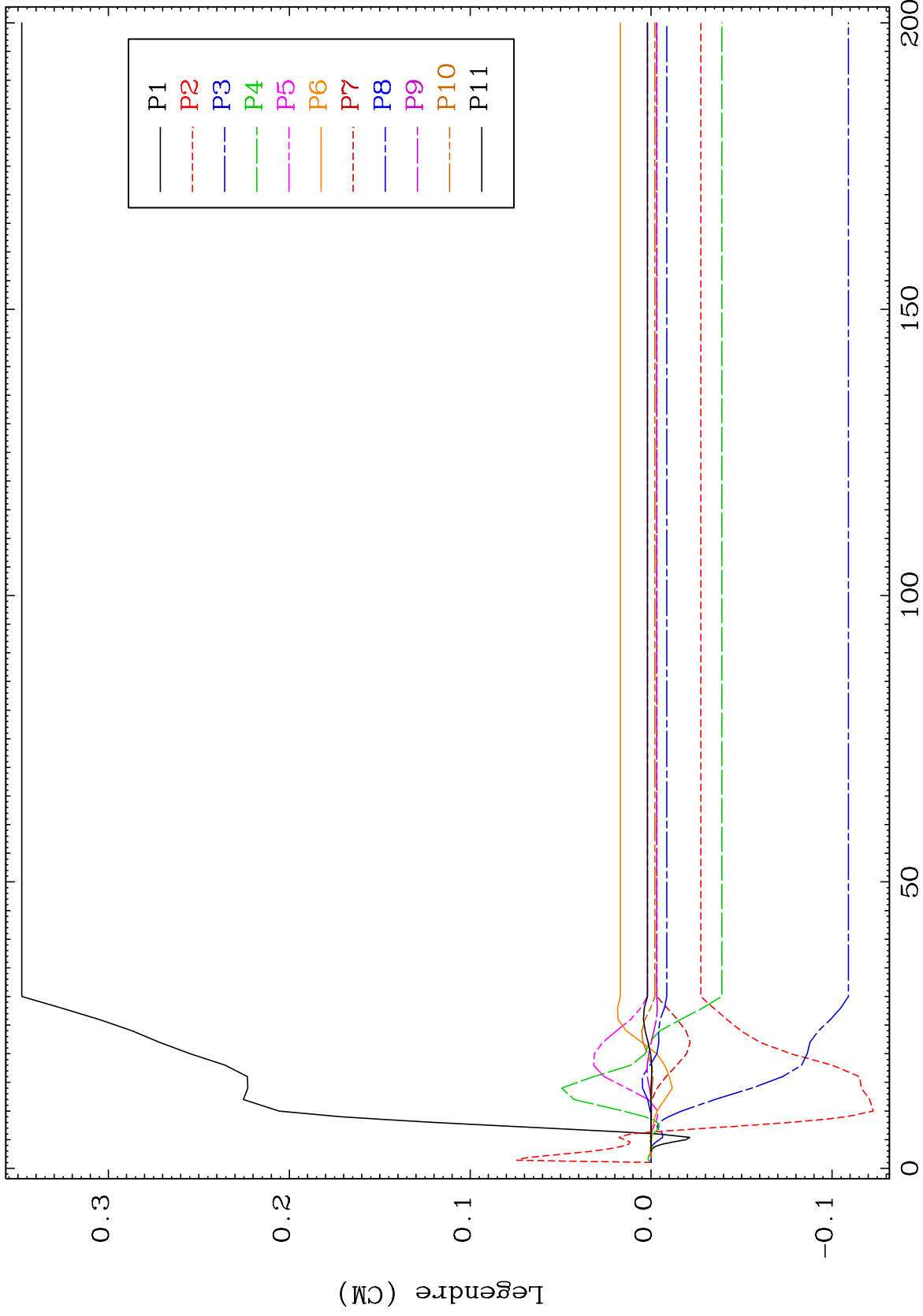


MAT 5758

975.7 keV (n,n') Level
Legendre Coefficients

57-La-149

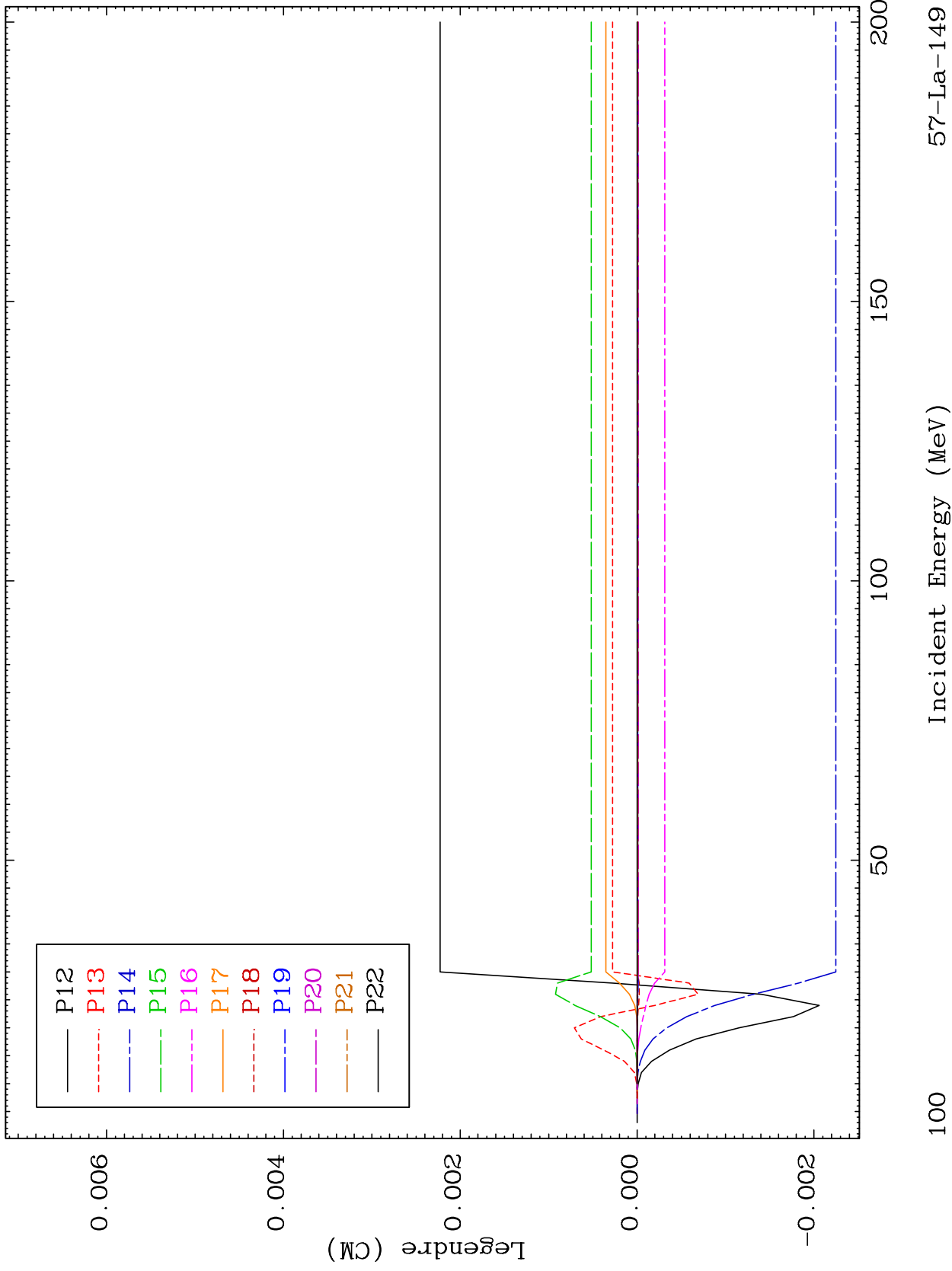




MAT 5758

1.005 MeV (n,n') Level
Legendre Coefficients

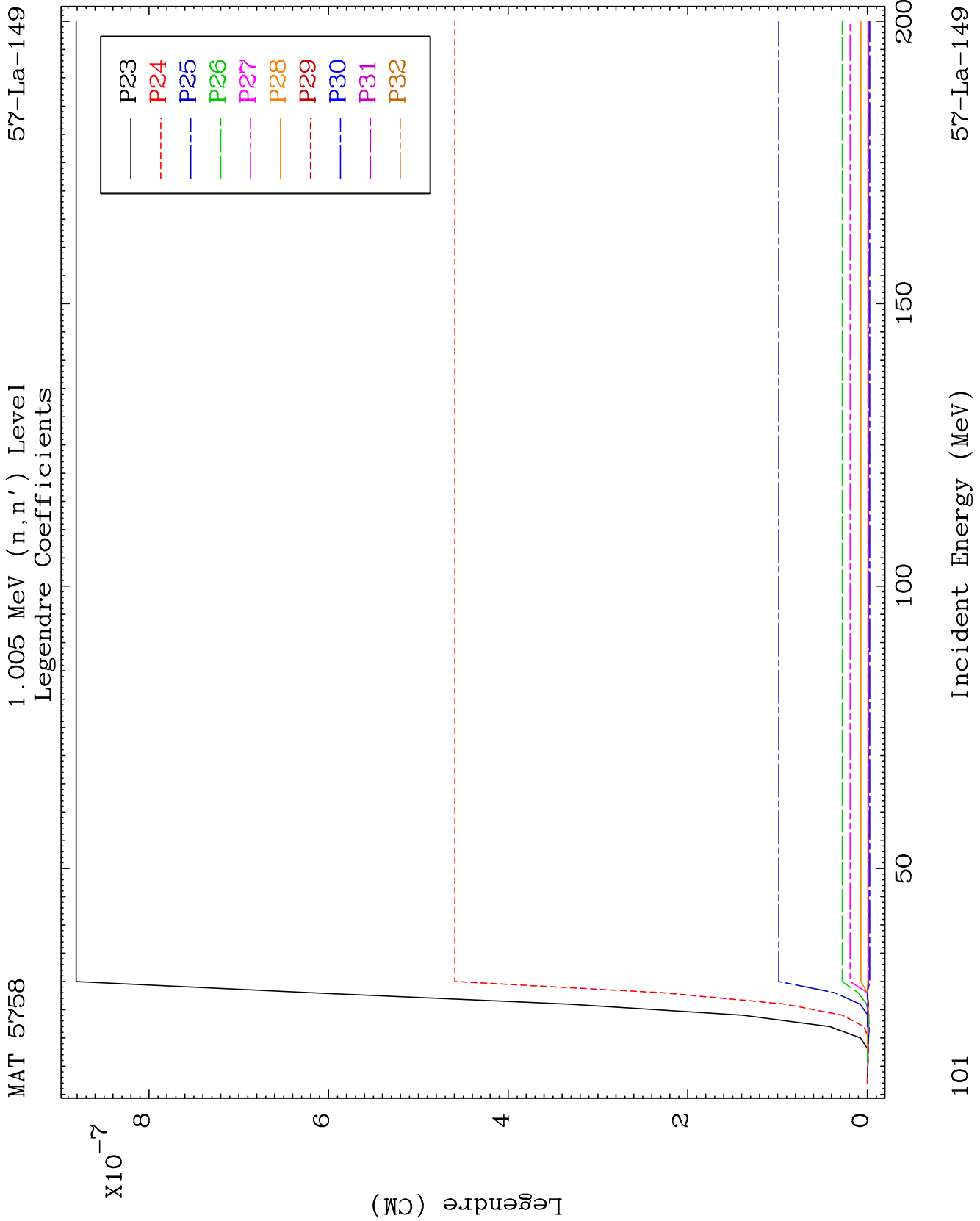
57-La-149



57-La-149

Incident Energy (MeV)

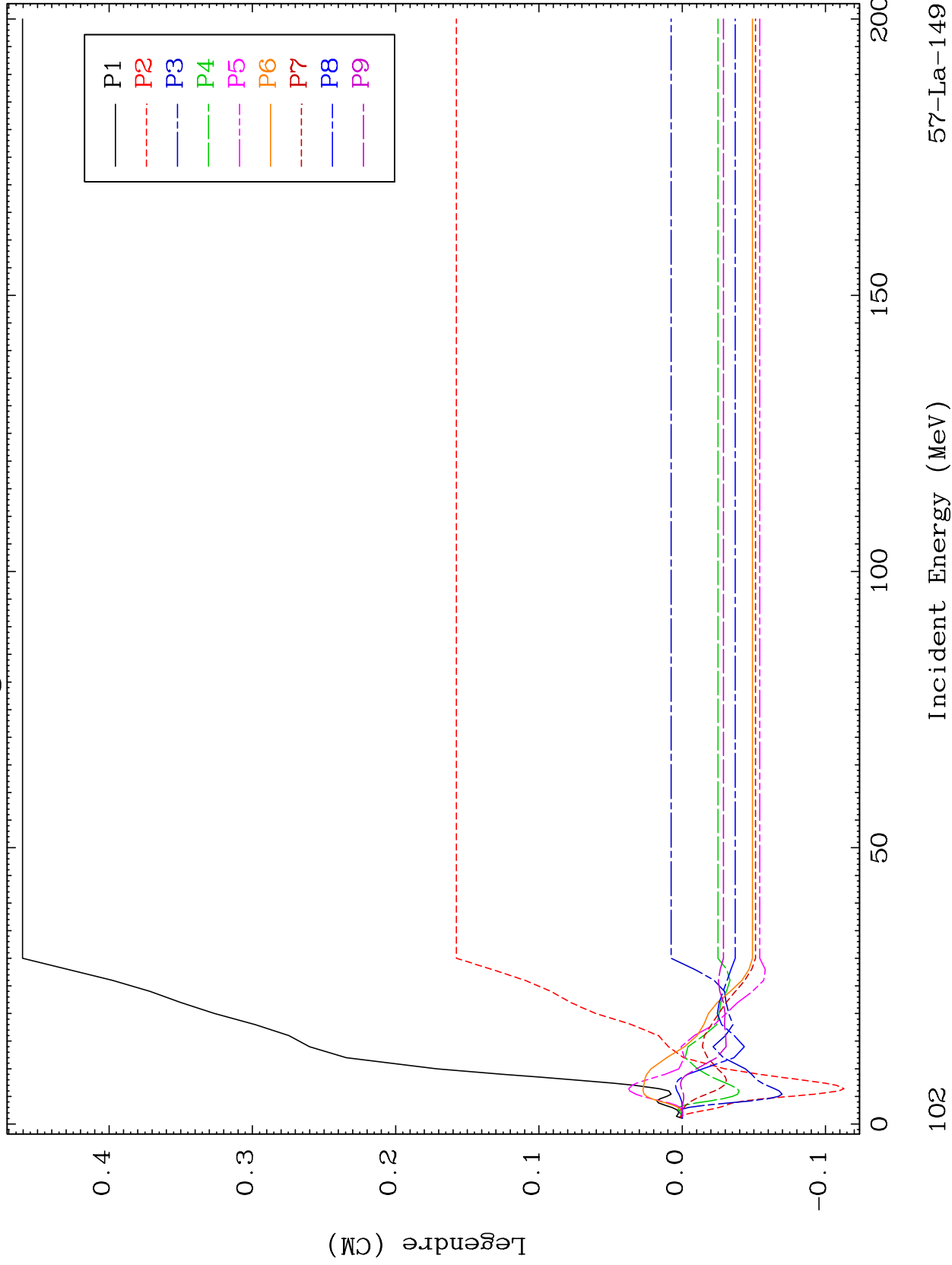
100



MAT 5758

1.006 MeV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

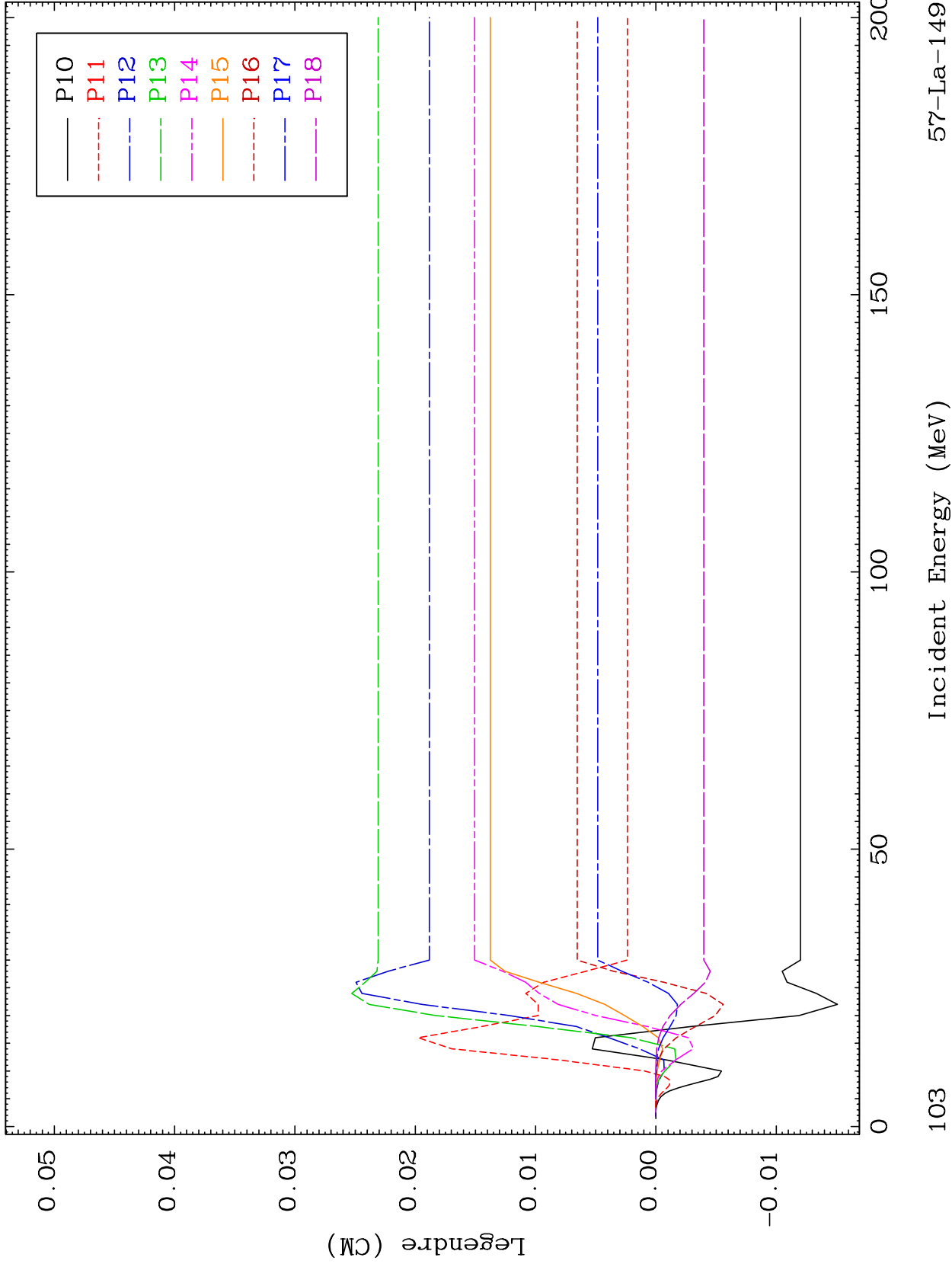
Incident Energy (MeV)

102

MAT 5758

1.006 MeV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

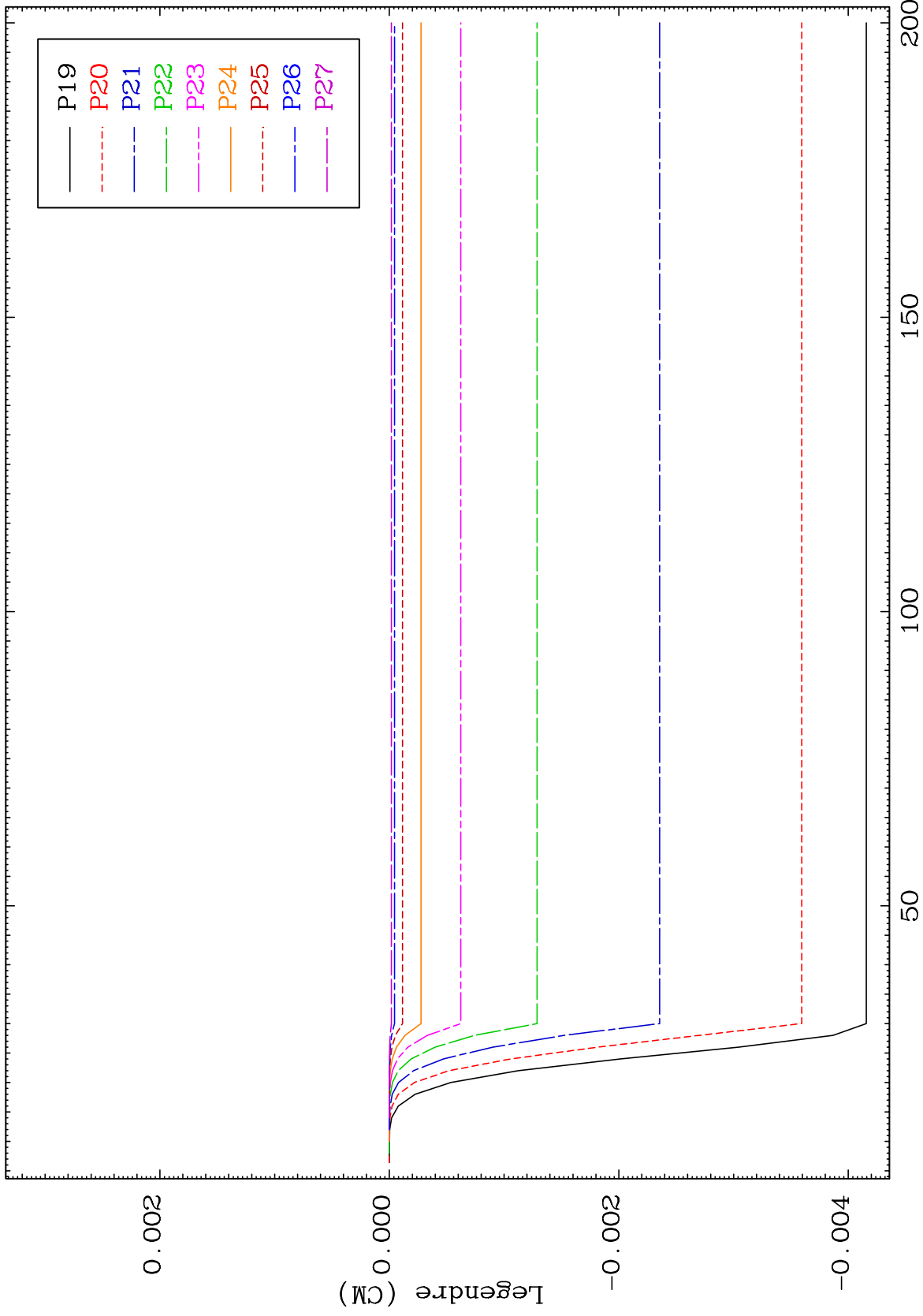
Incident Energy (MeV)

103

MAT 5758

1.006 MeV (n,n') Level
Legendre Coefficients

57-La-149



104

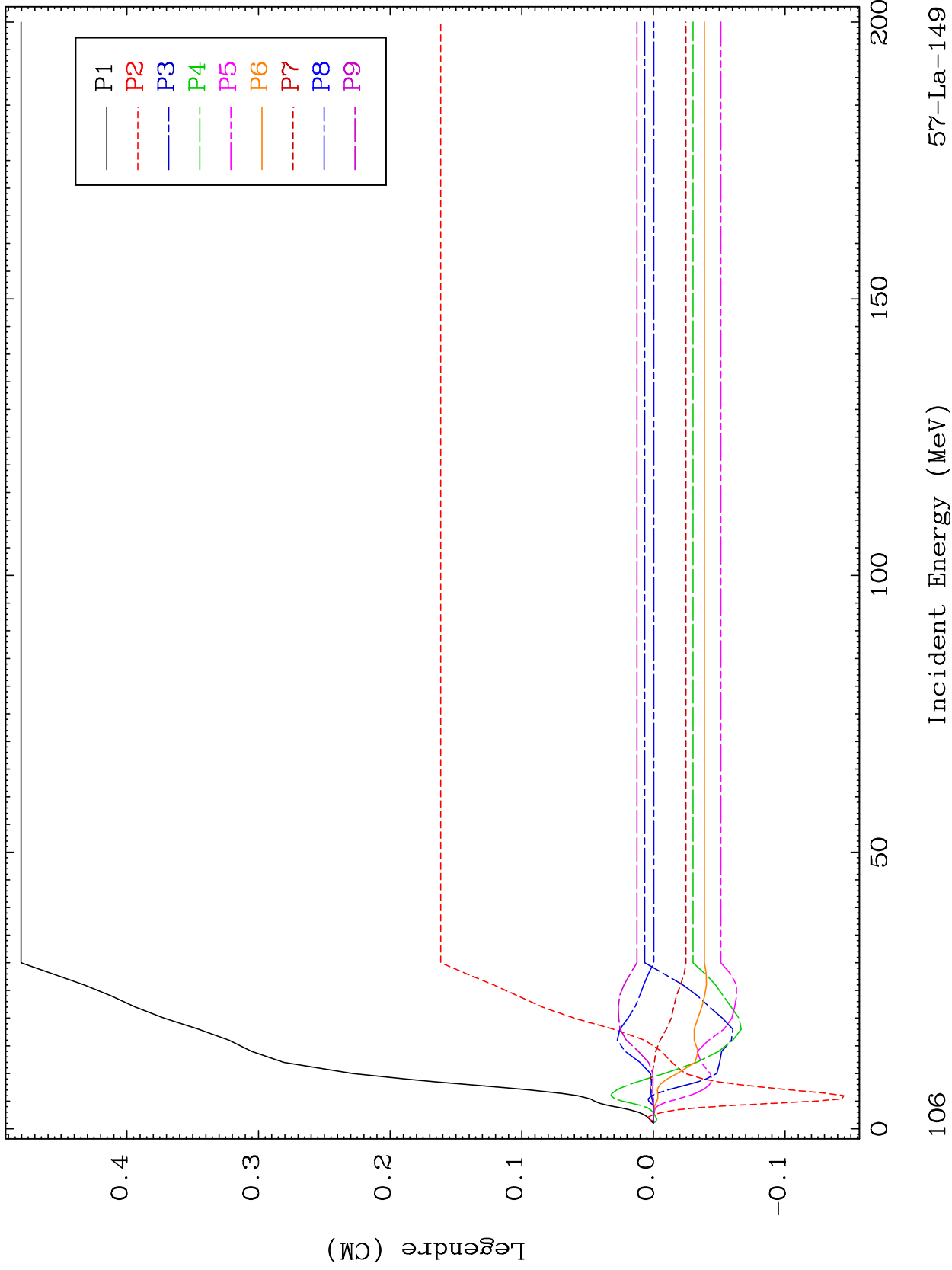
Incident Energy (MeV)

57-La-149

MAT 5758

1.008 MeV (n,n') Level
Legendre Coefficients

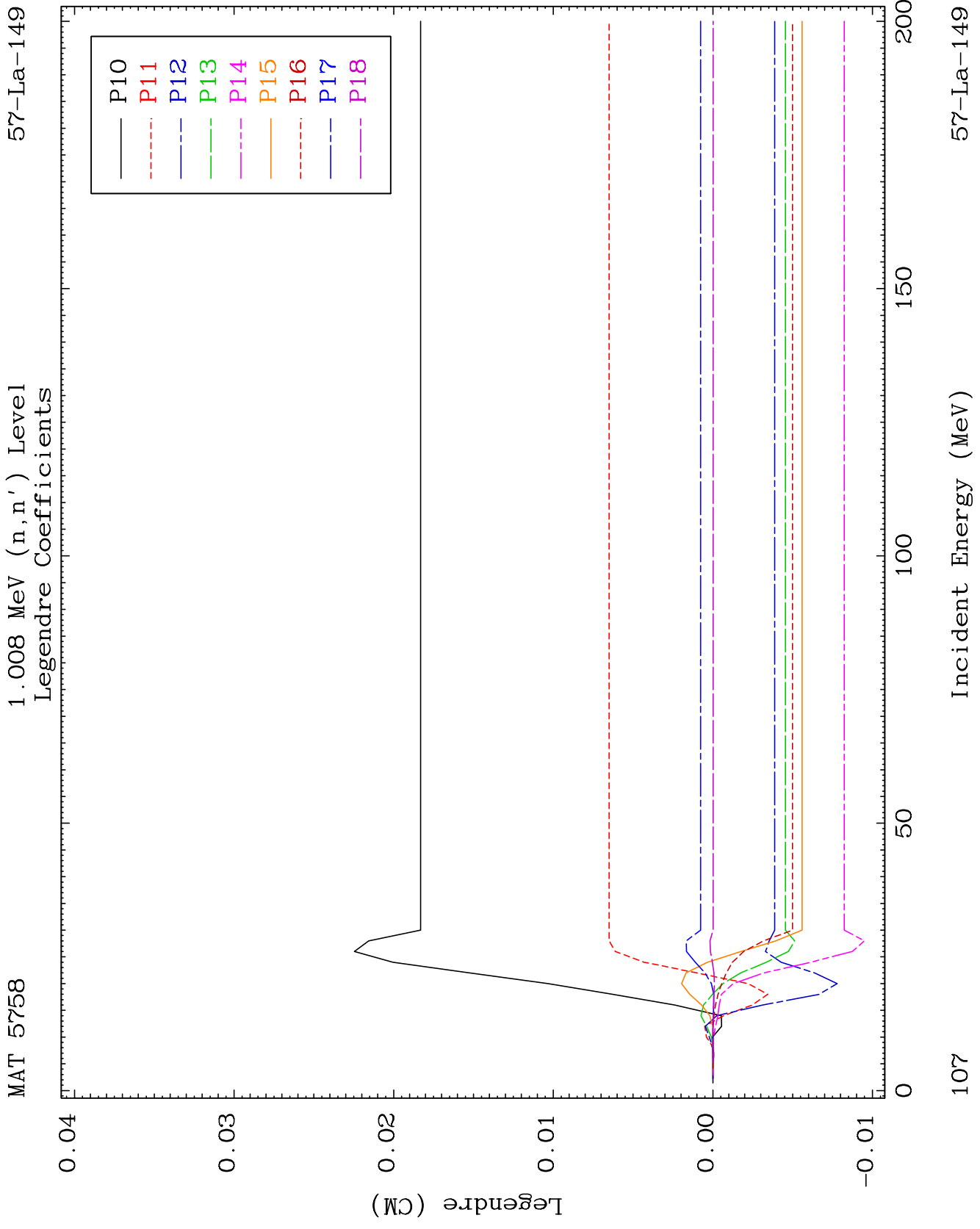
57-La-149

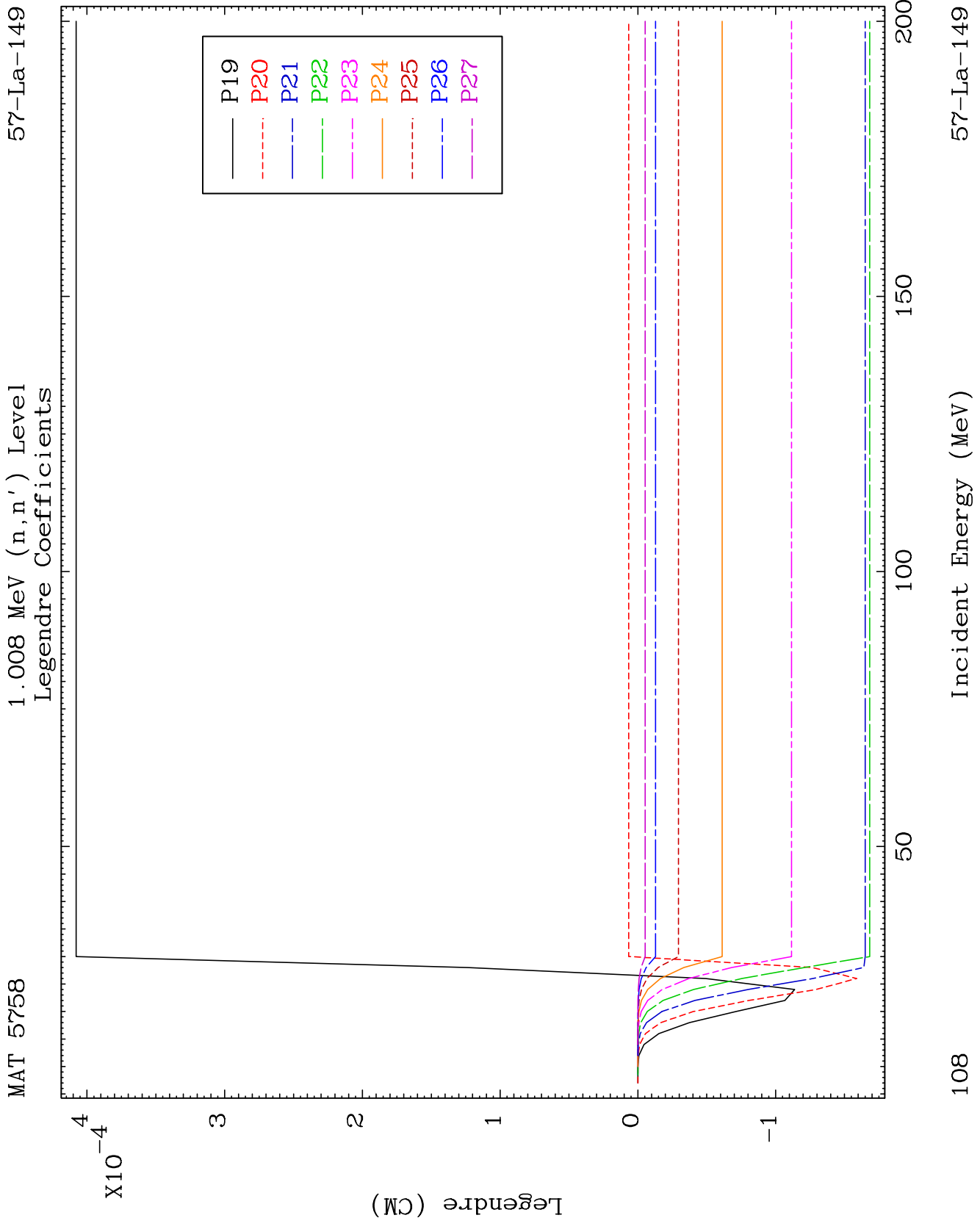


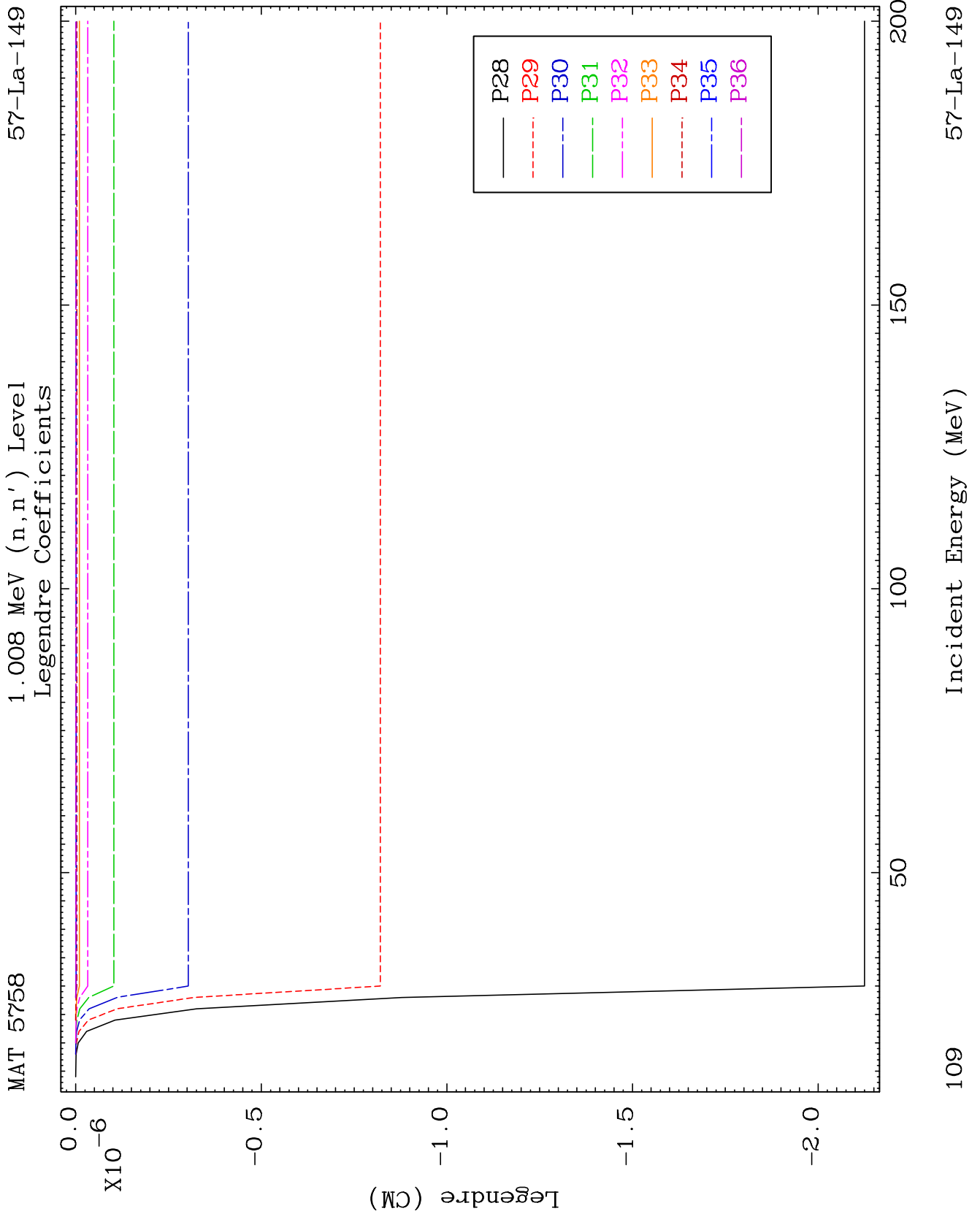
57-La-149

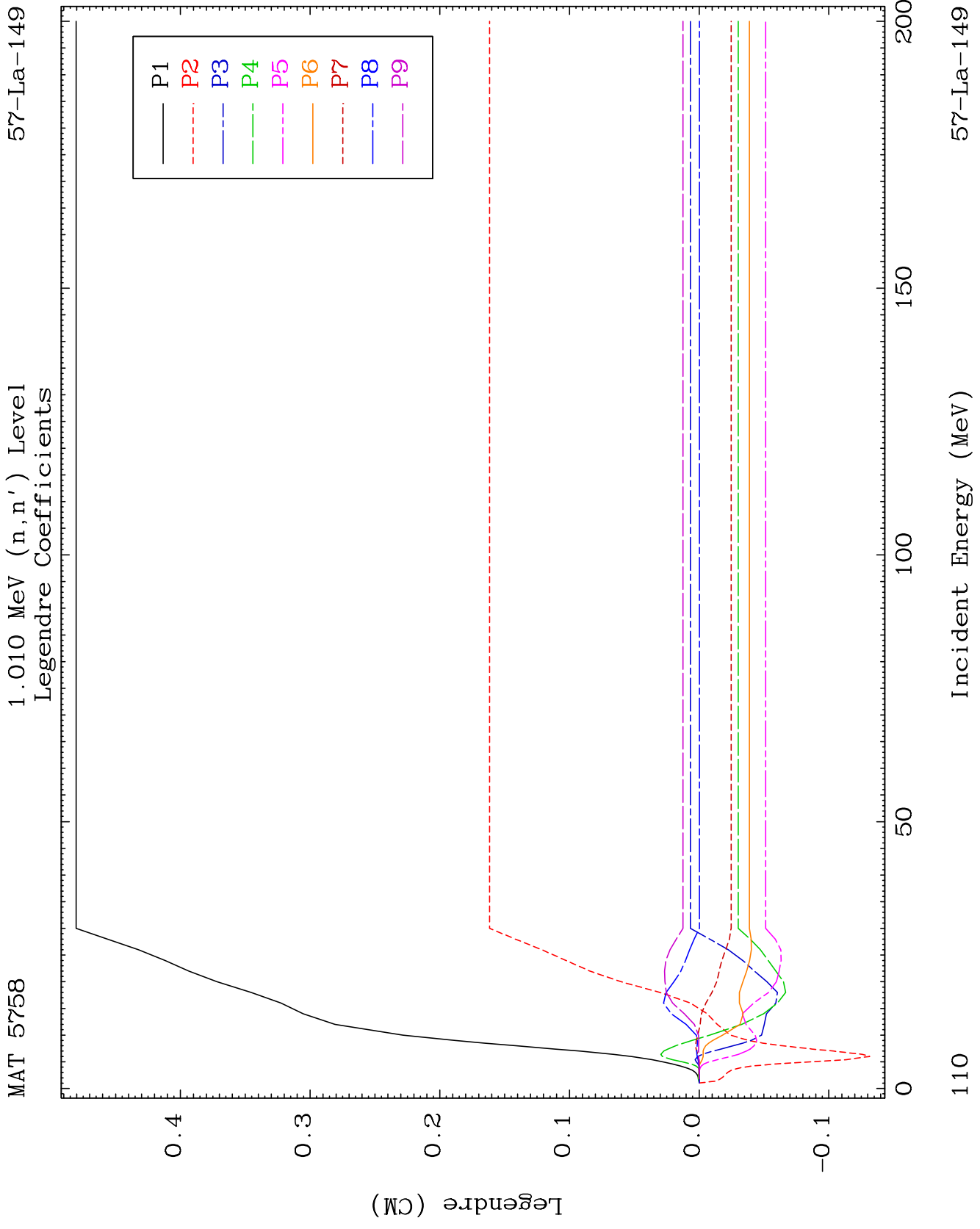
Incident Energy (MeV)

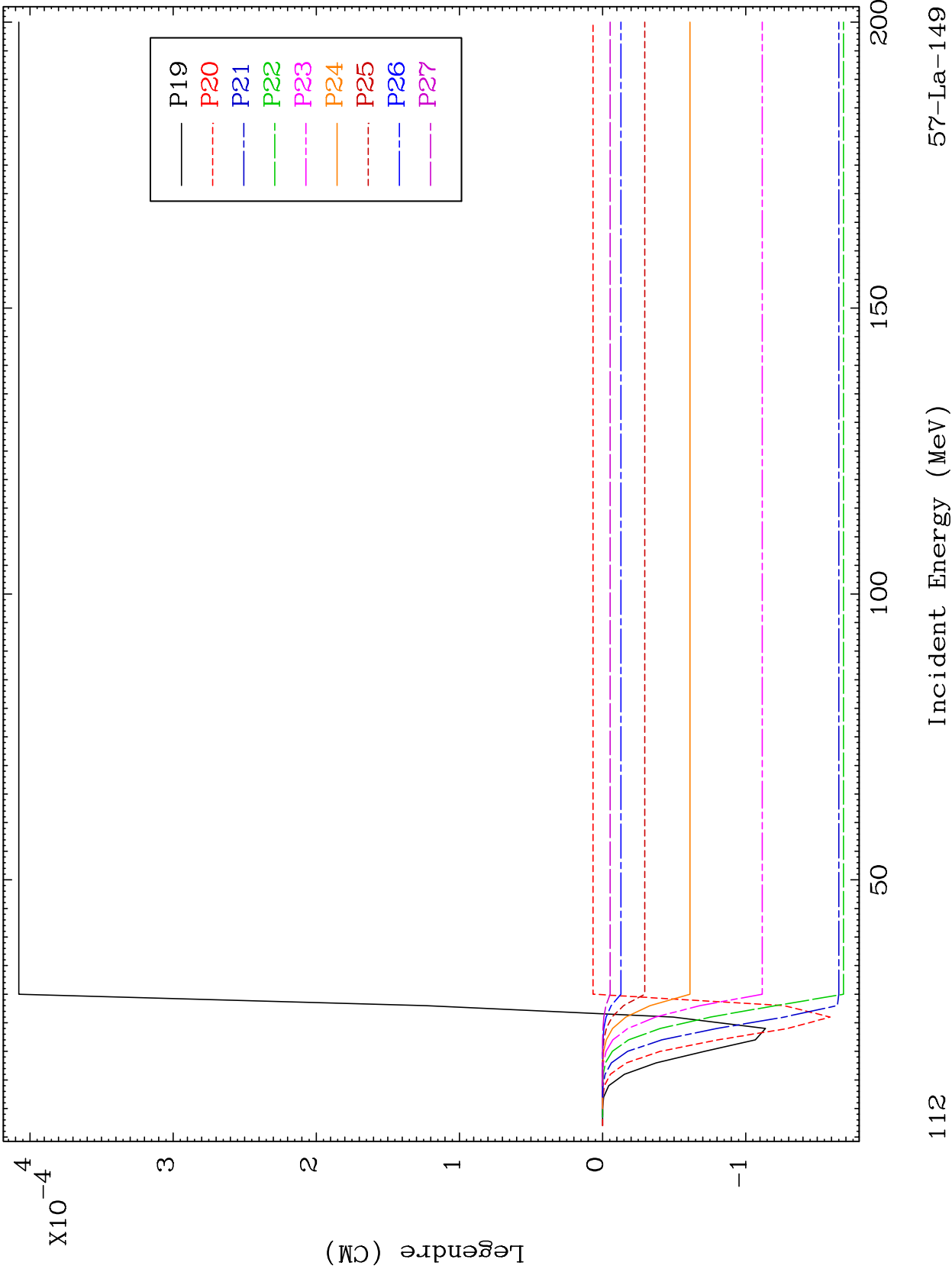
106

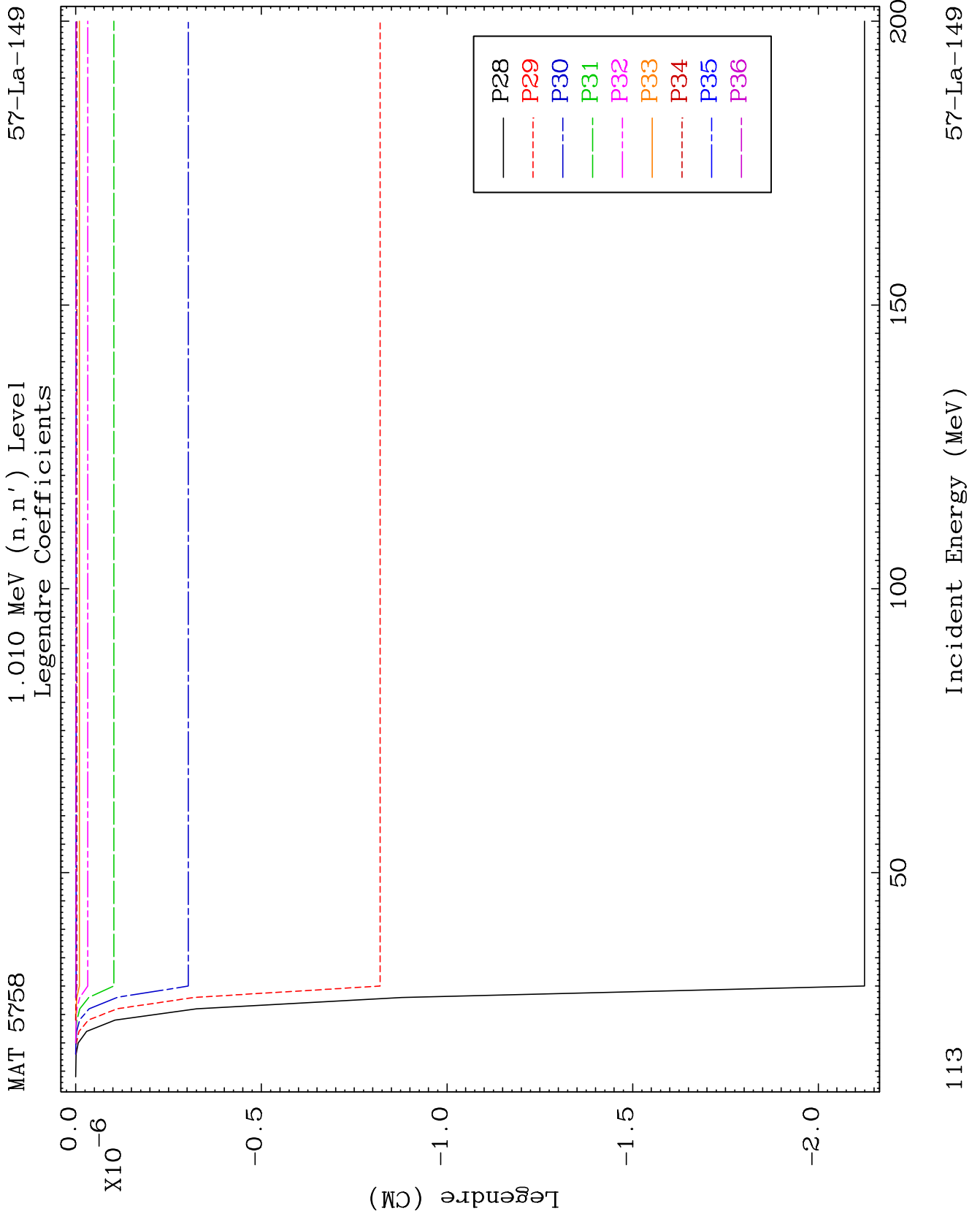








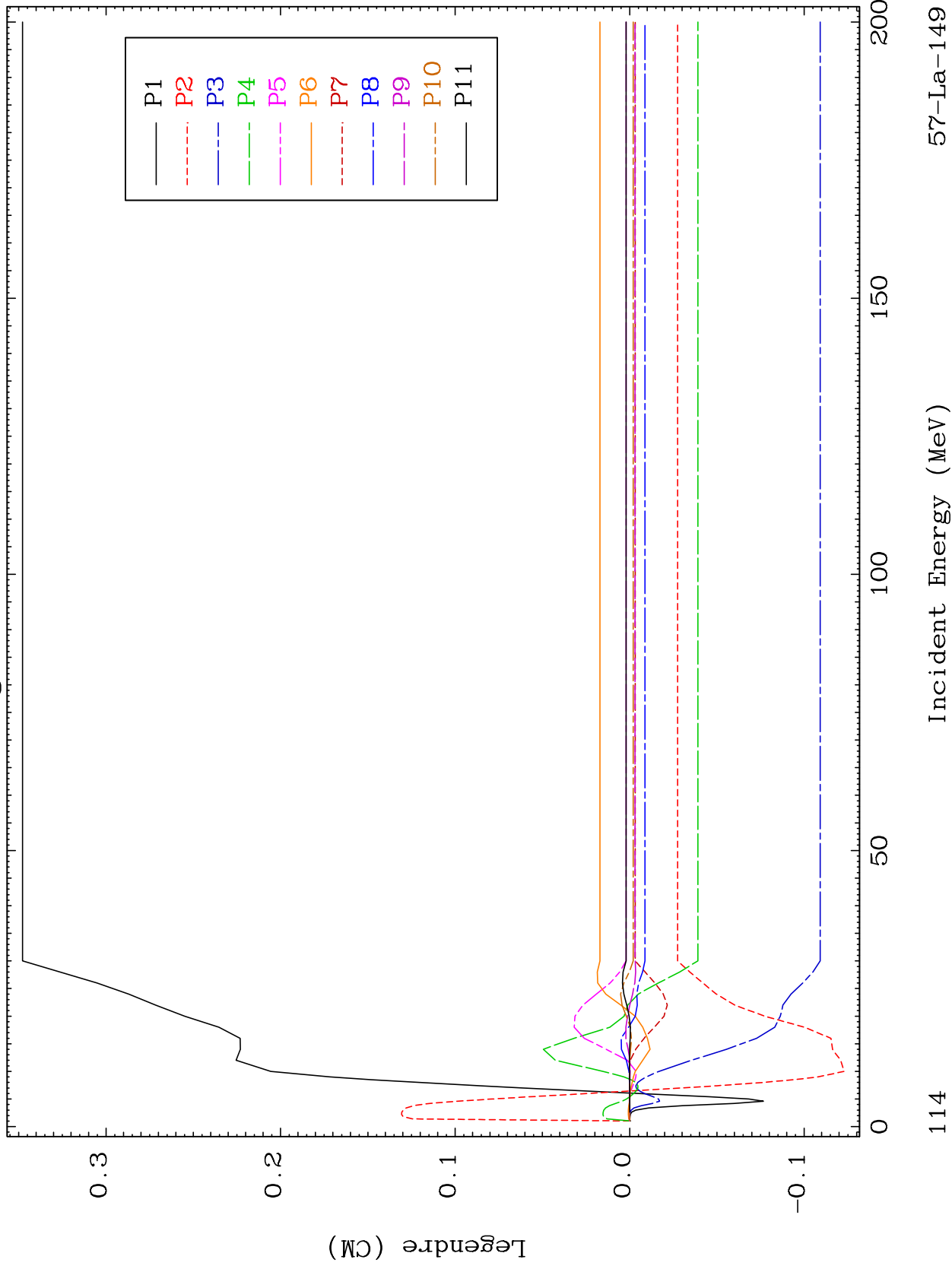




MAT 5758

1.019 MeV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

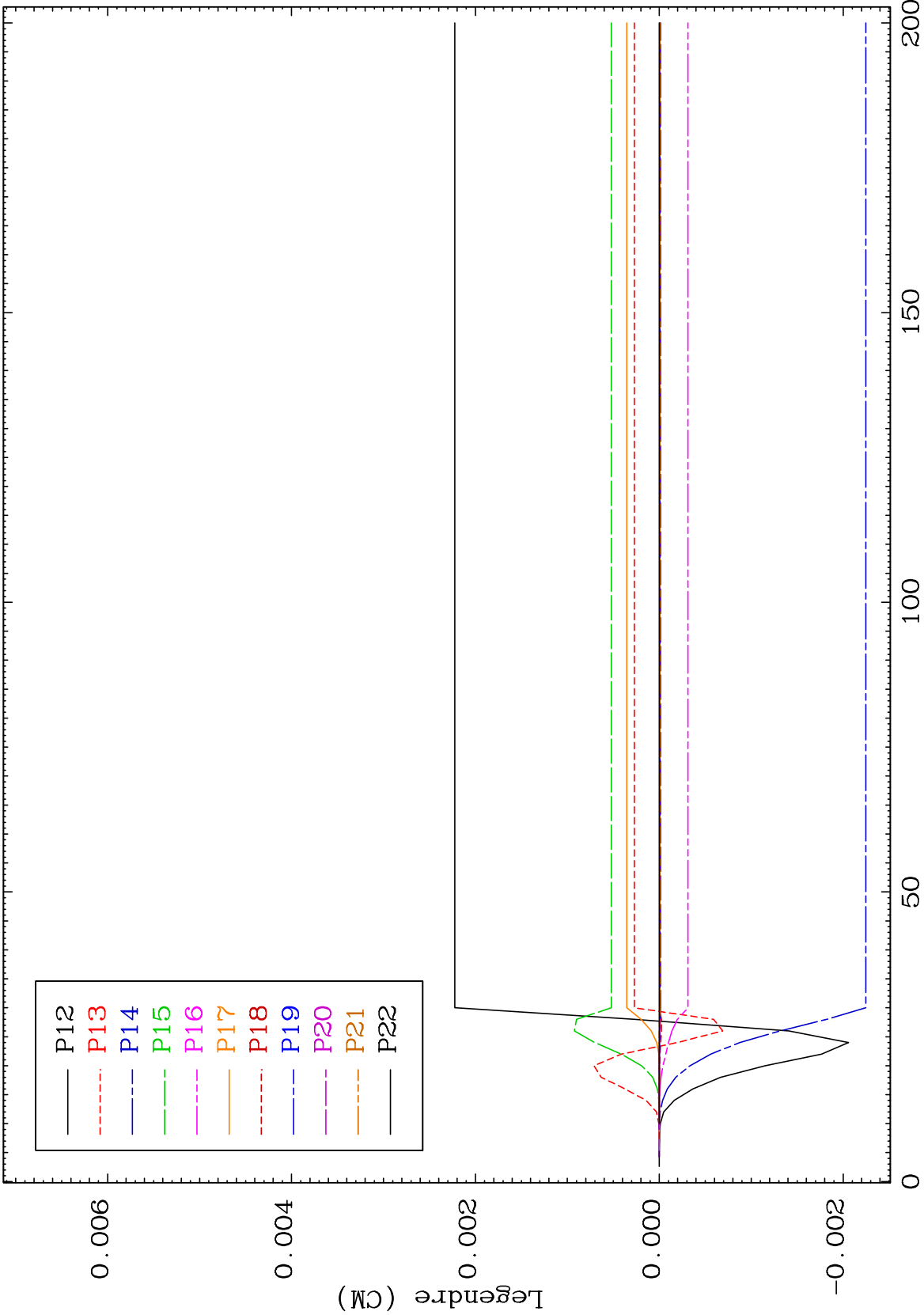
Incident Energy (MeV)

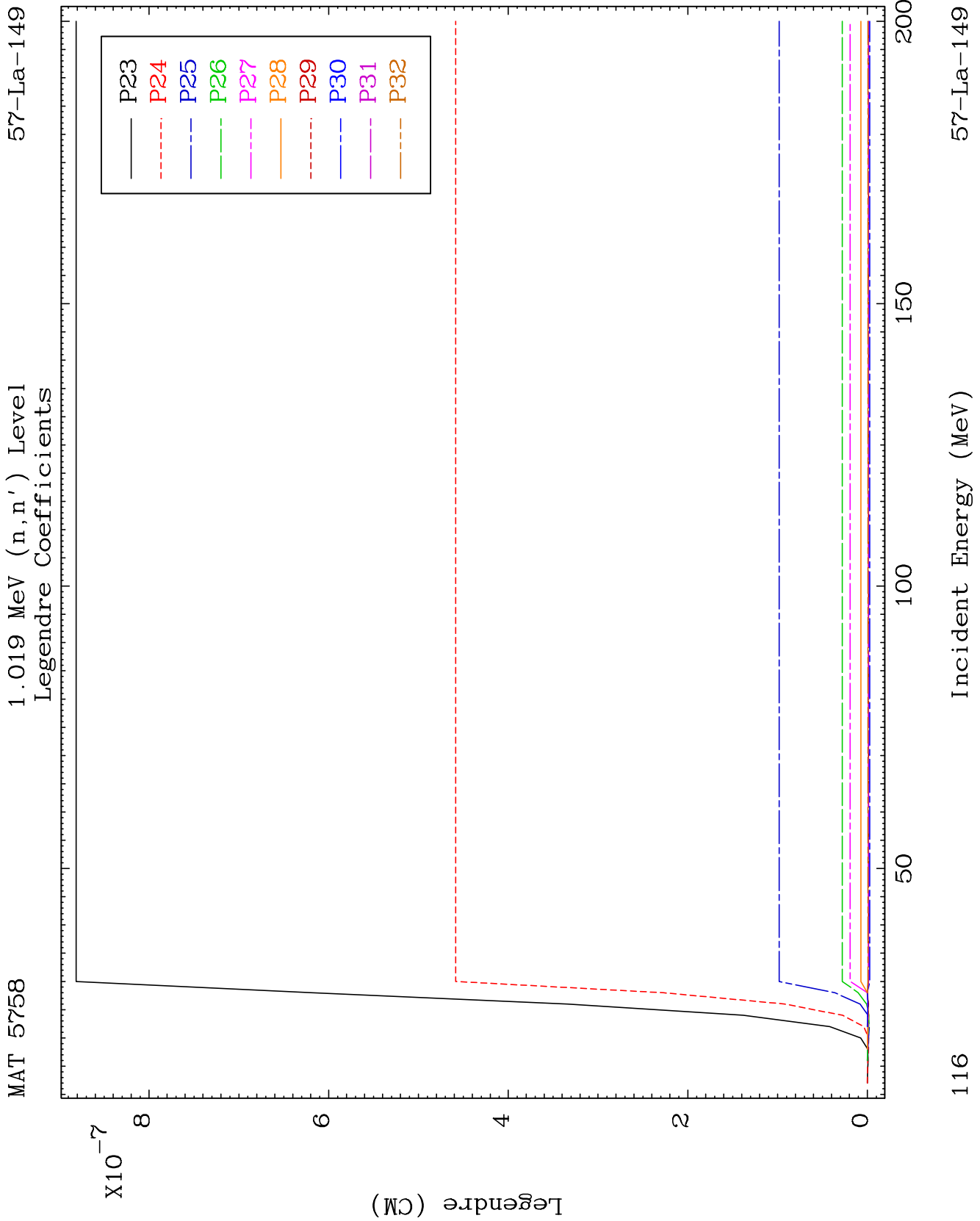
114

MAT 5758

1.019 MeV (n,n') Level
Legendre Coefficients

57-La-149

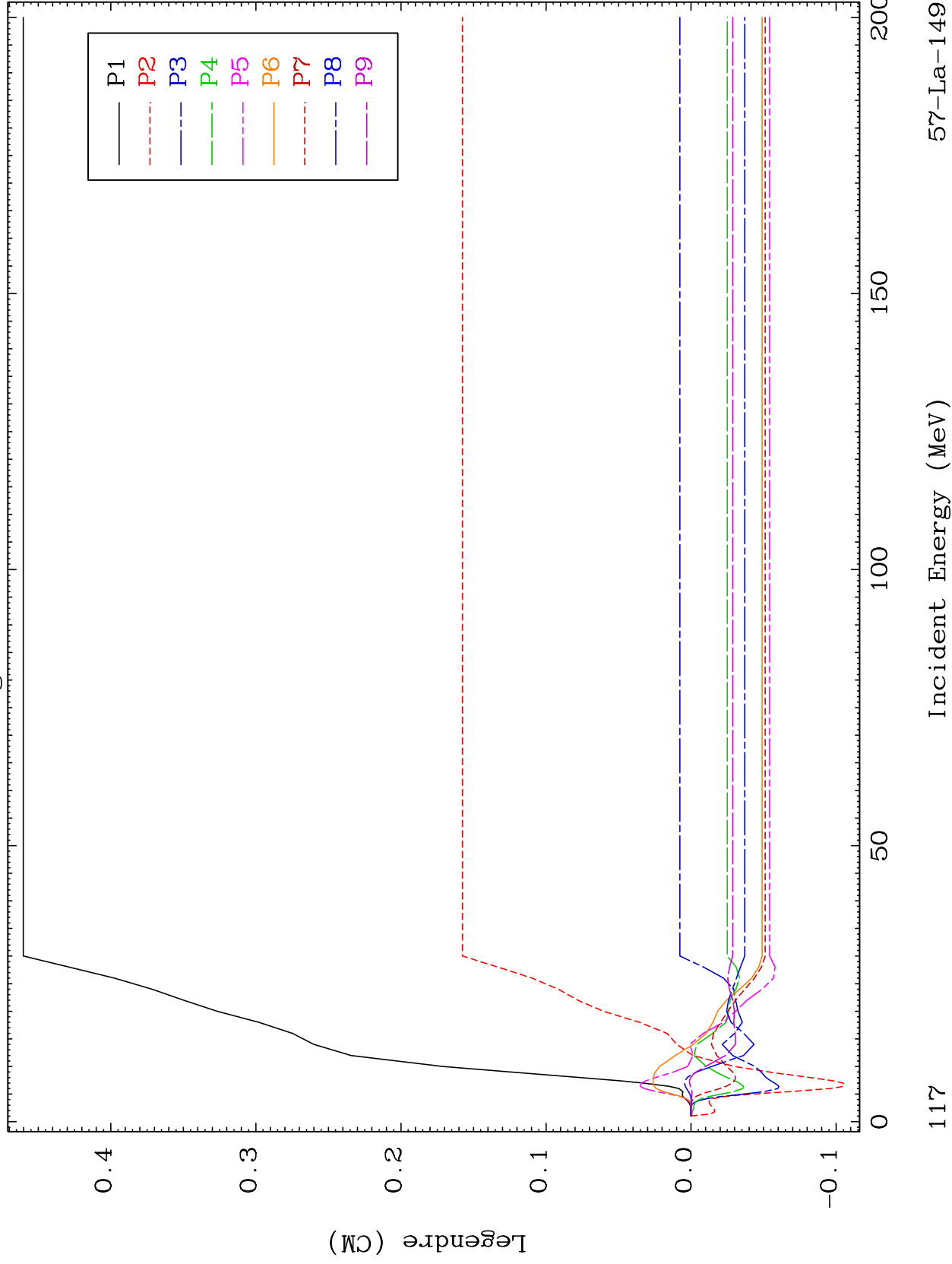




MAT 5758

1.022 MeV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

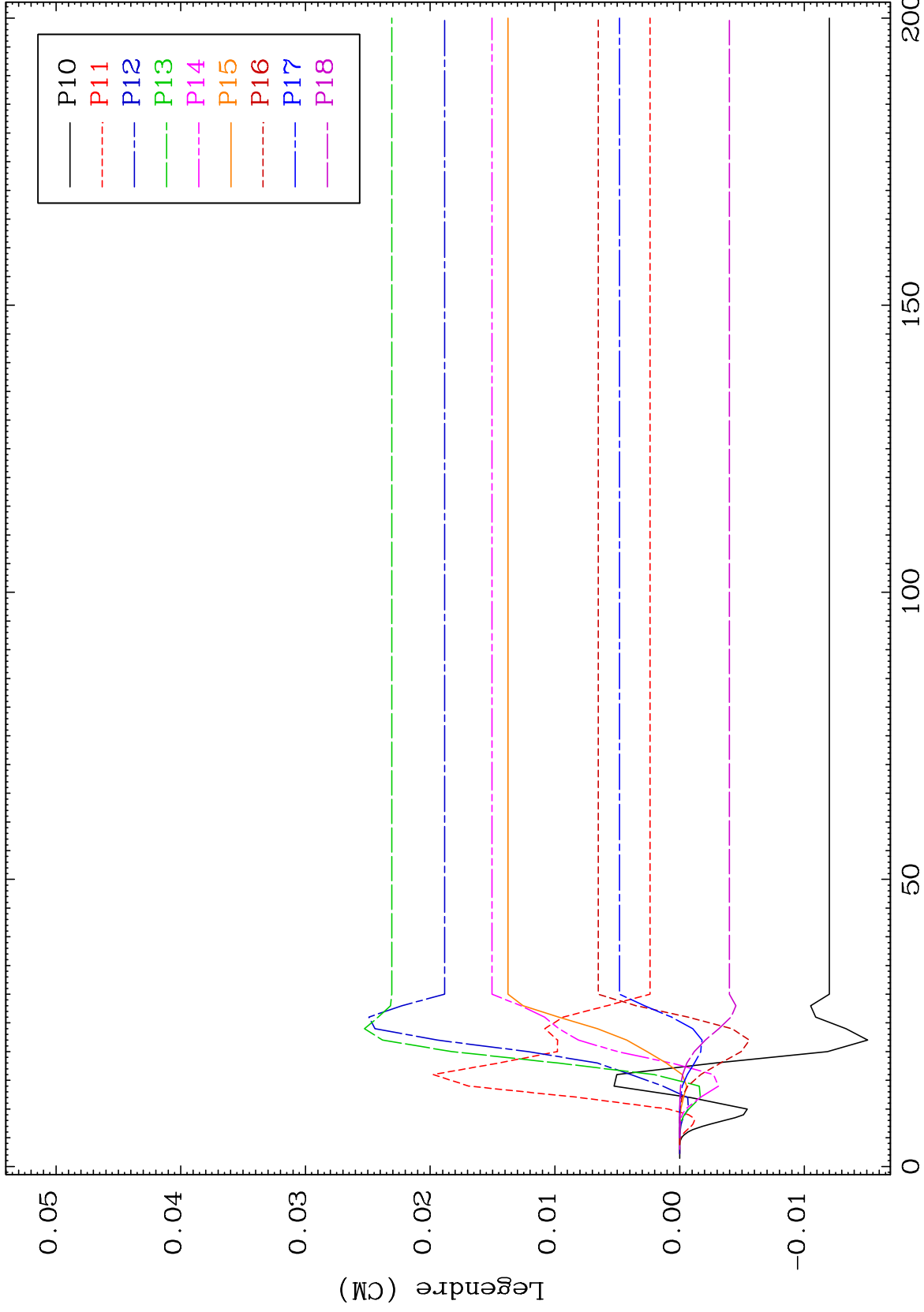
Incident Energy (MeV)

117

MAT 5758

1.022 MeV (n,n') Level
Legendre Coefficients

57-La-149



118

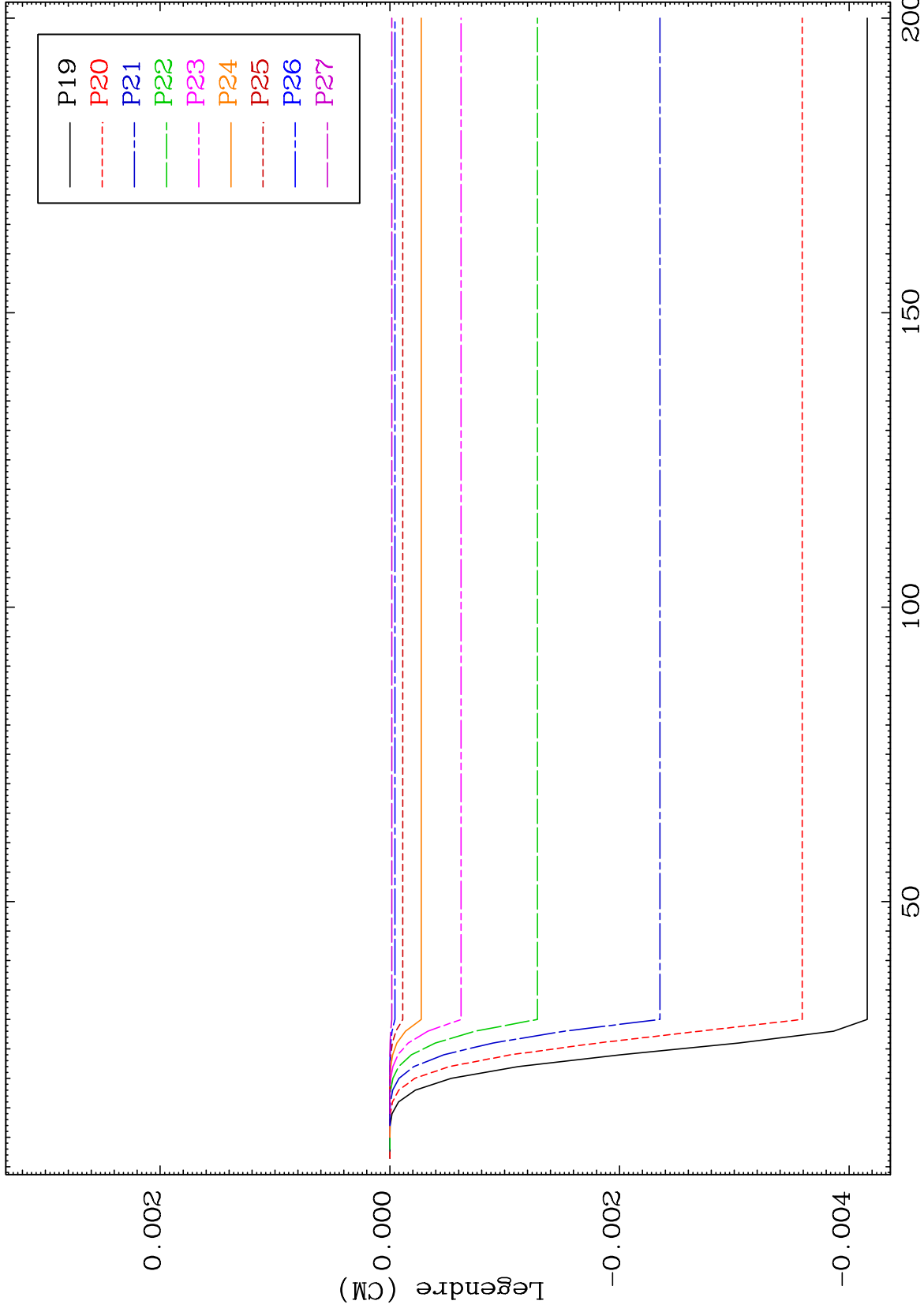
Incident Energy (MeV)

57-La-149

MAT 5758

1.022 MeV (n,n') Level
Legendre Coefficients

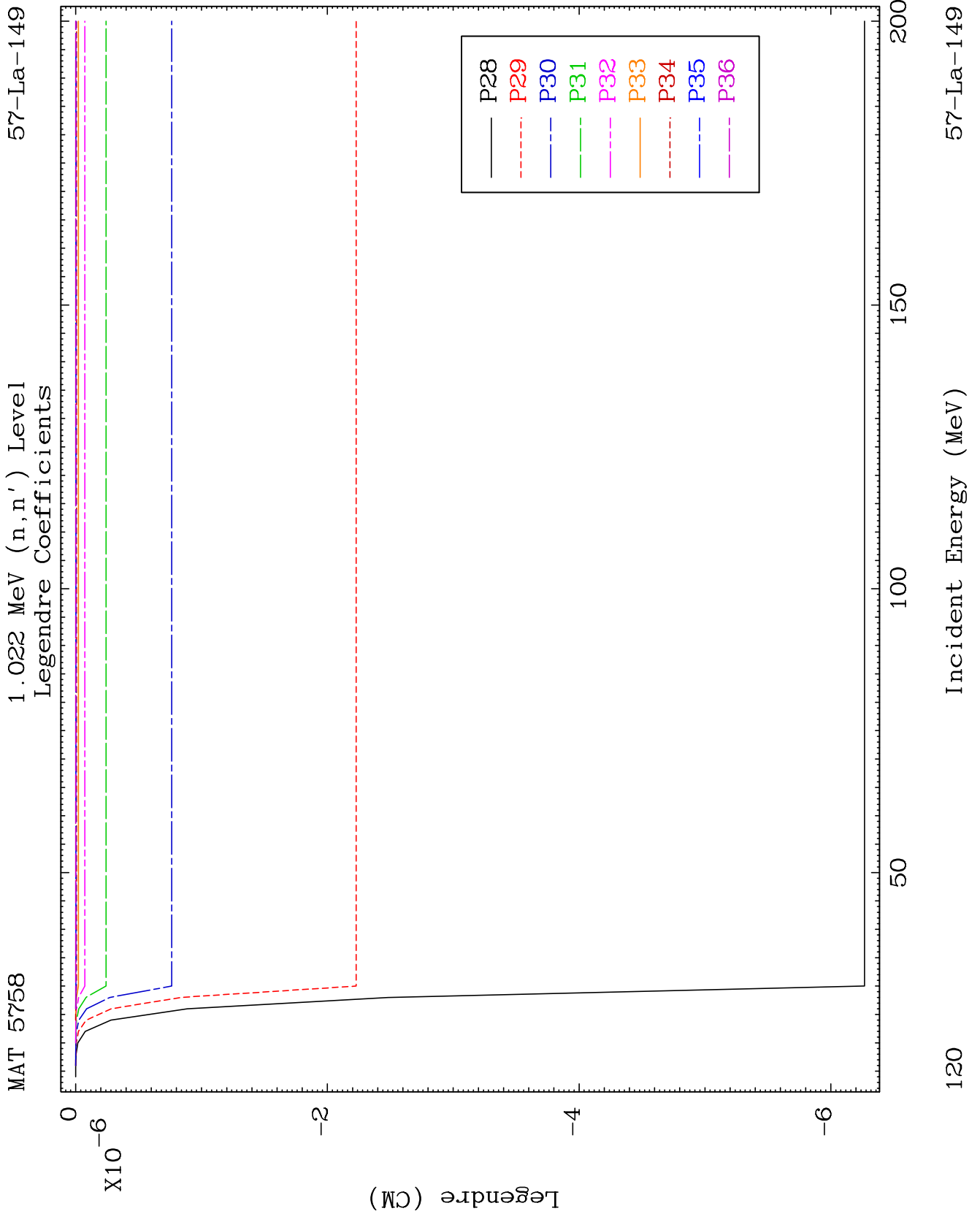
57-La-149



119

Incident Energy (MeV)

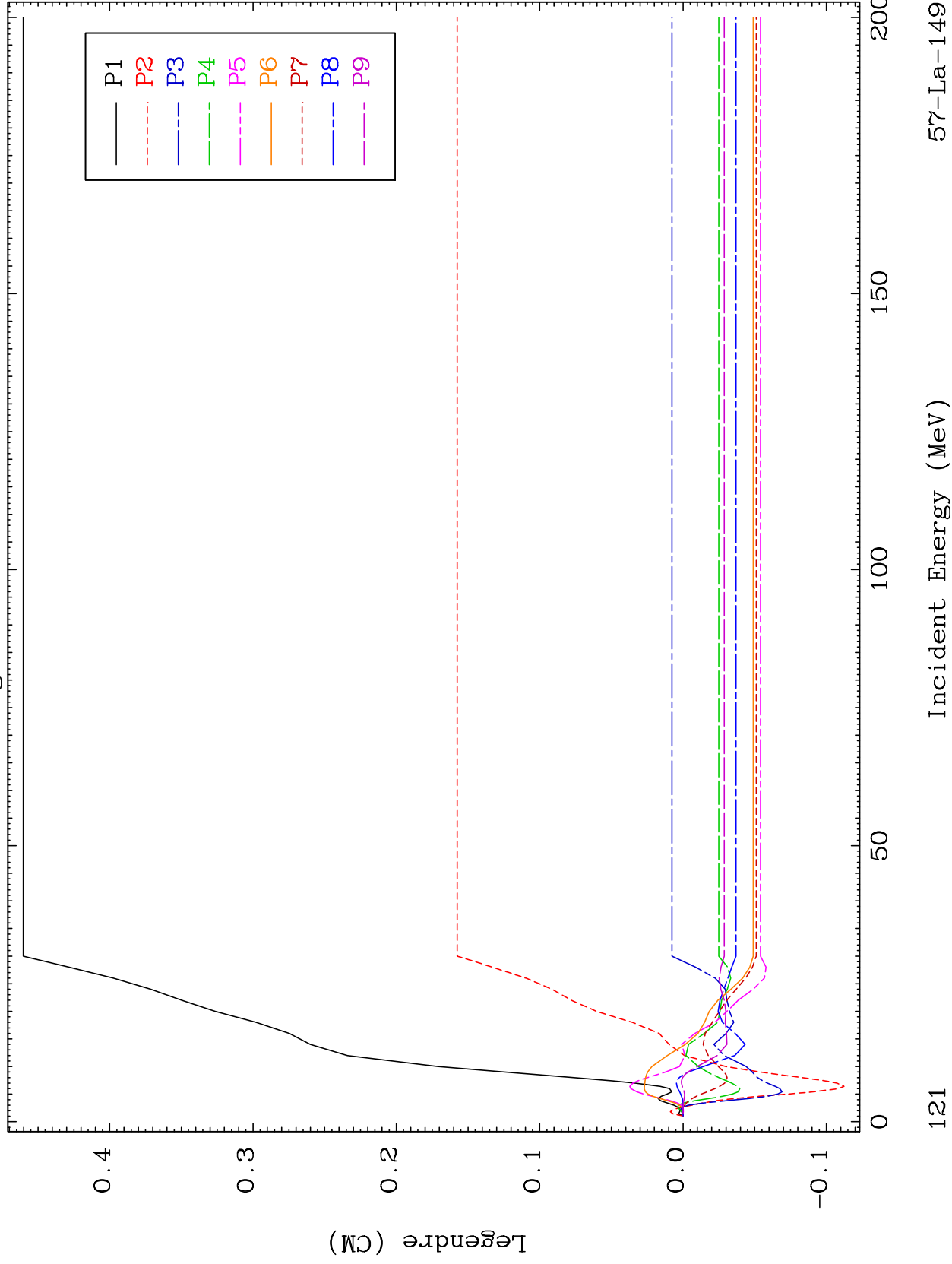
57-La-149



MAT 5758

1.025 MeV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

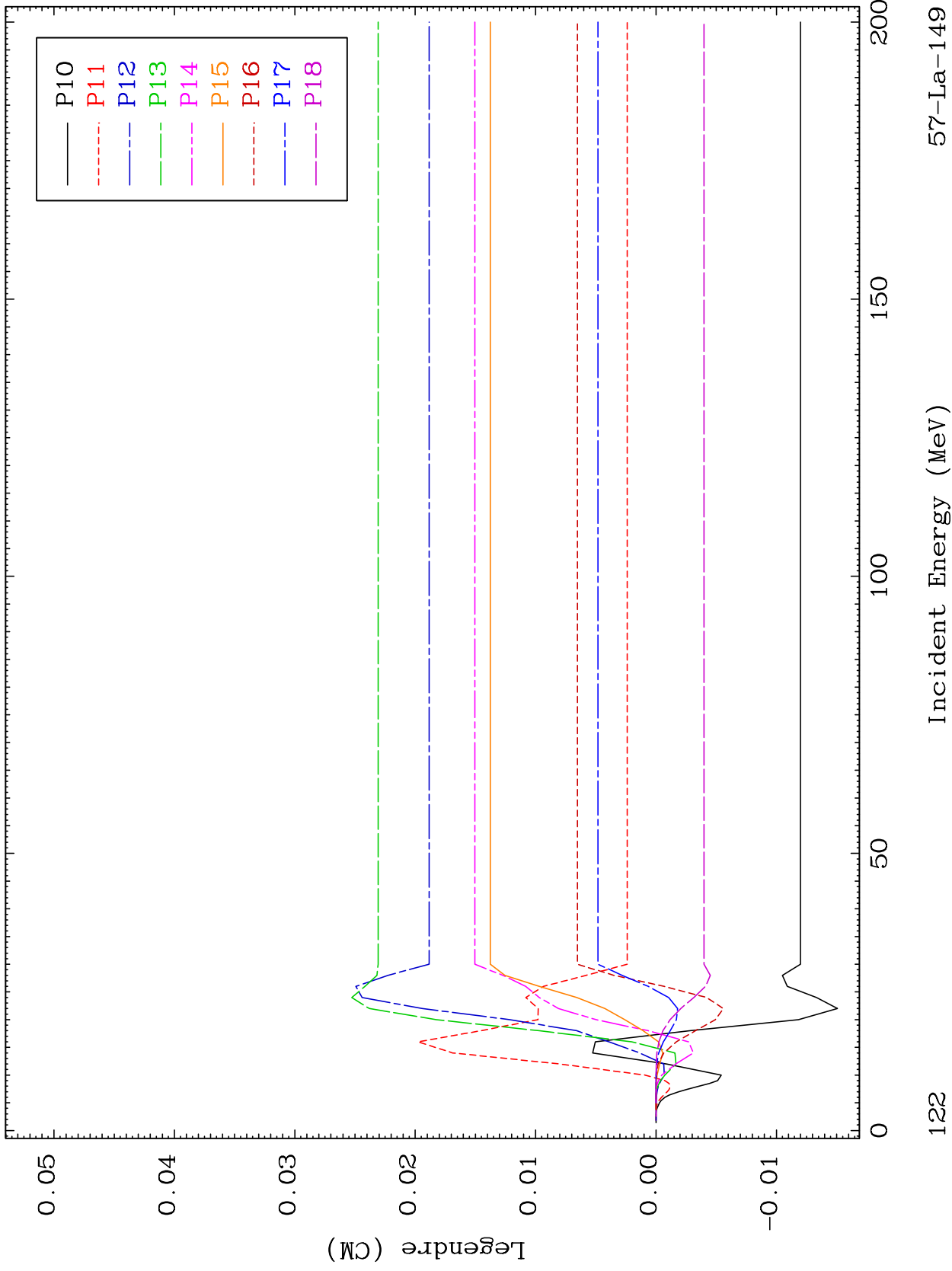
Incident Energy (MeV)

121

MAT 5758

1.025 MeV (n,n') Level
Legendre Coefficients

57-La-149



57-La-149

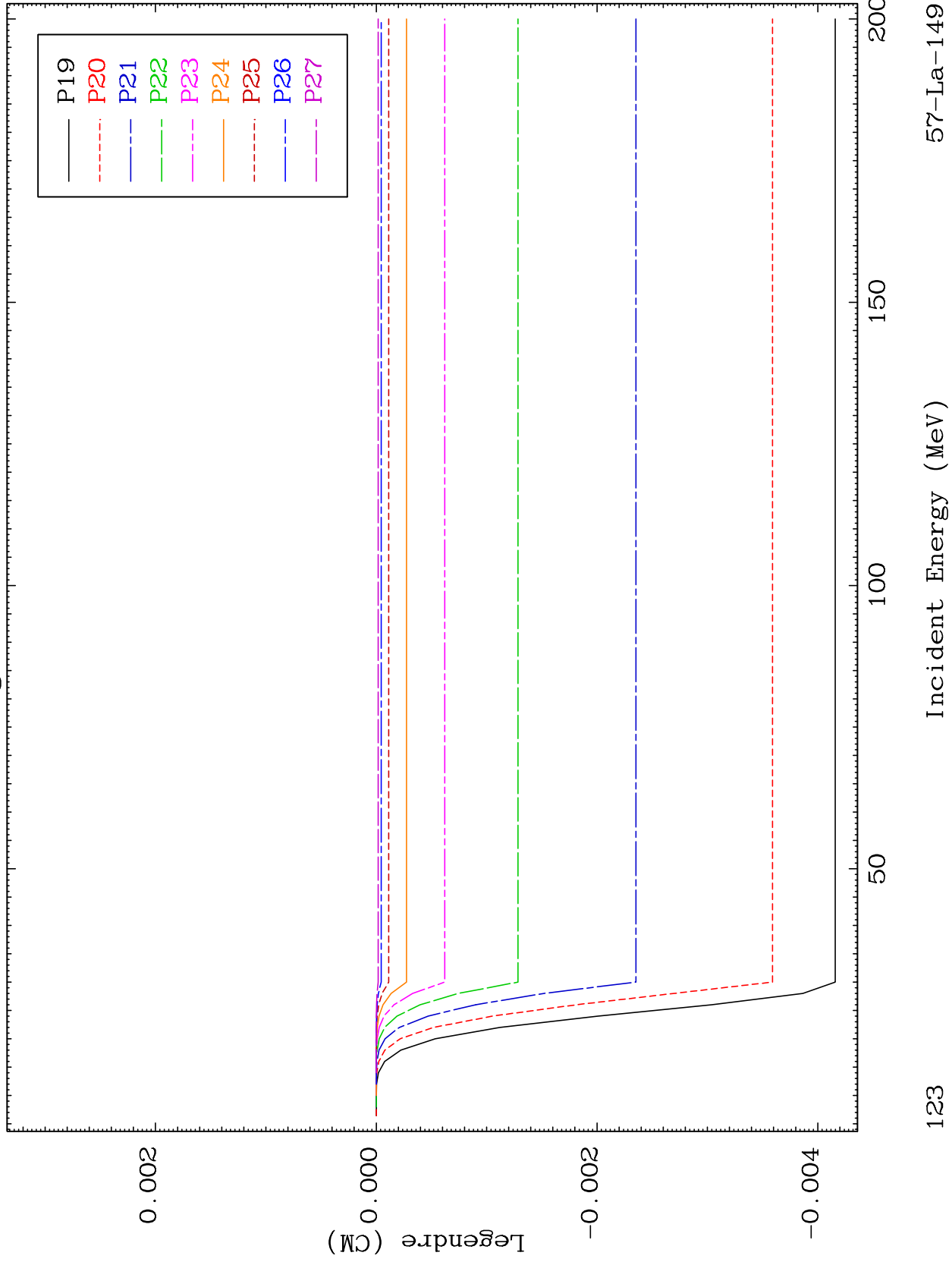
Incident Energy (MeV)

122

MAT 5758

1.025 MeV (n,n') Level
Legendre Coefficients

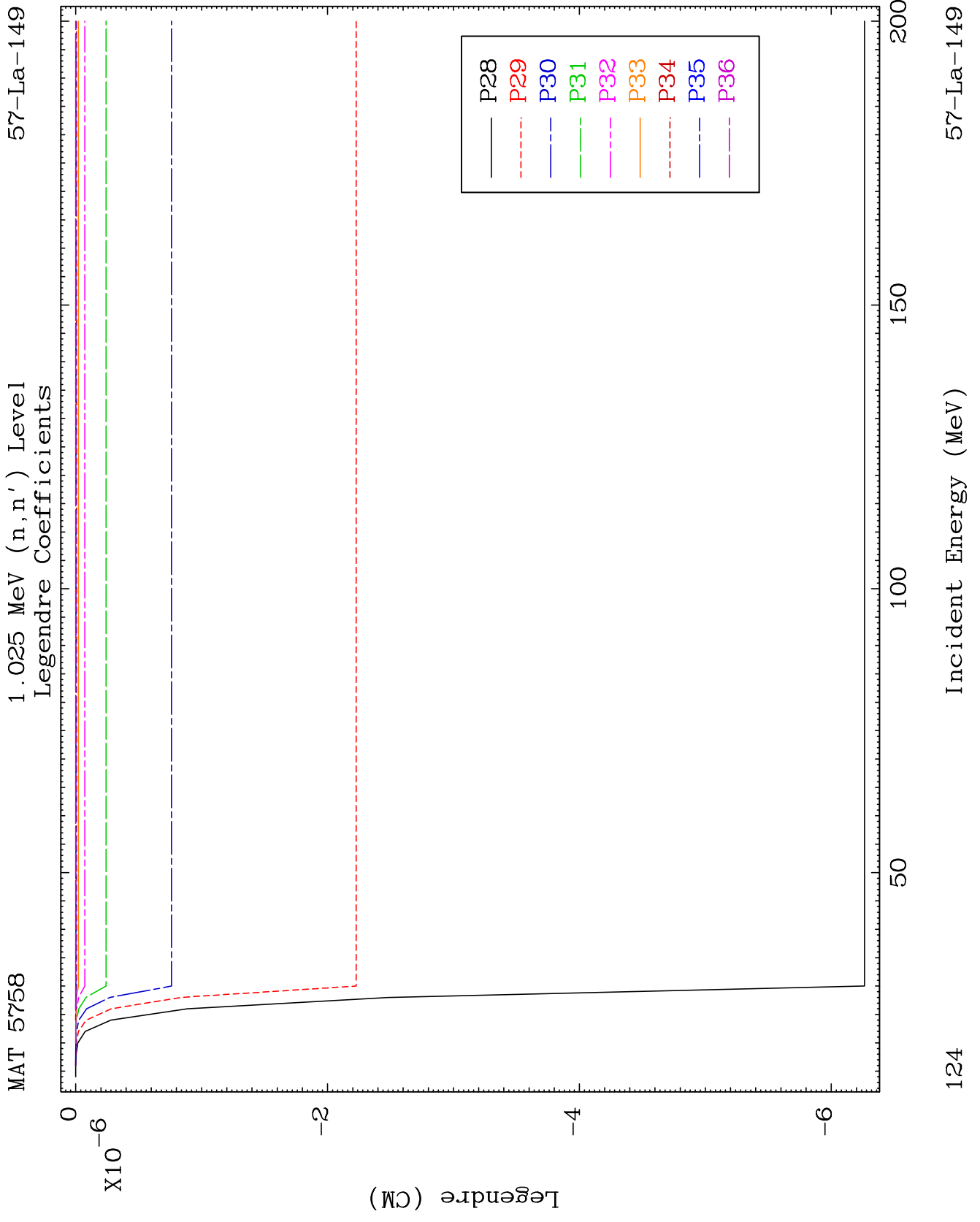
57-La-149

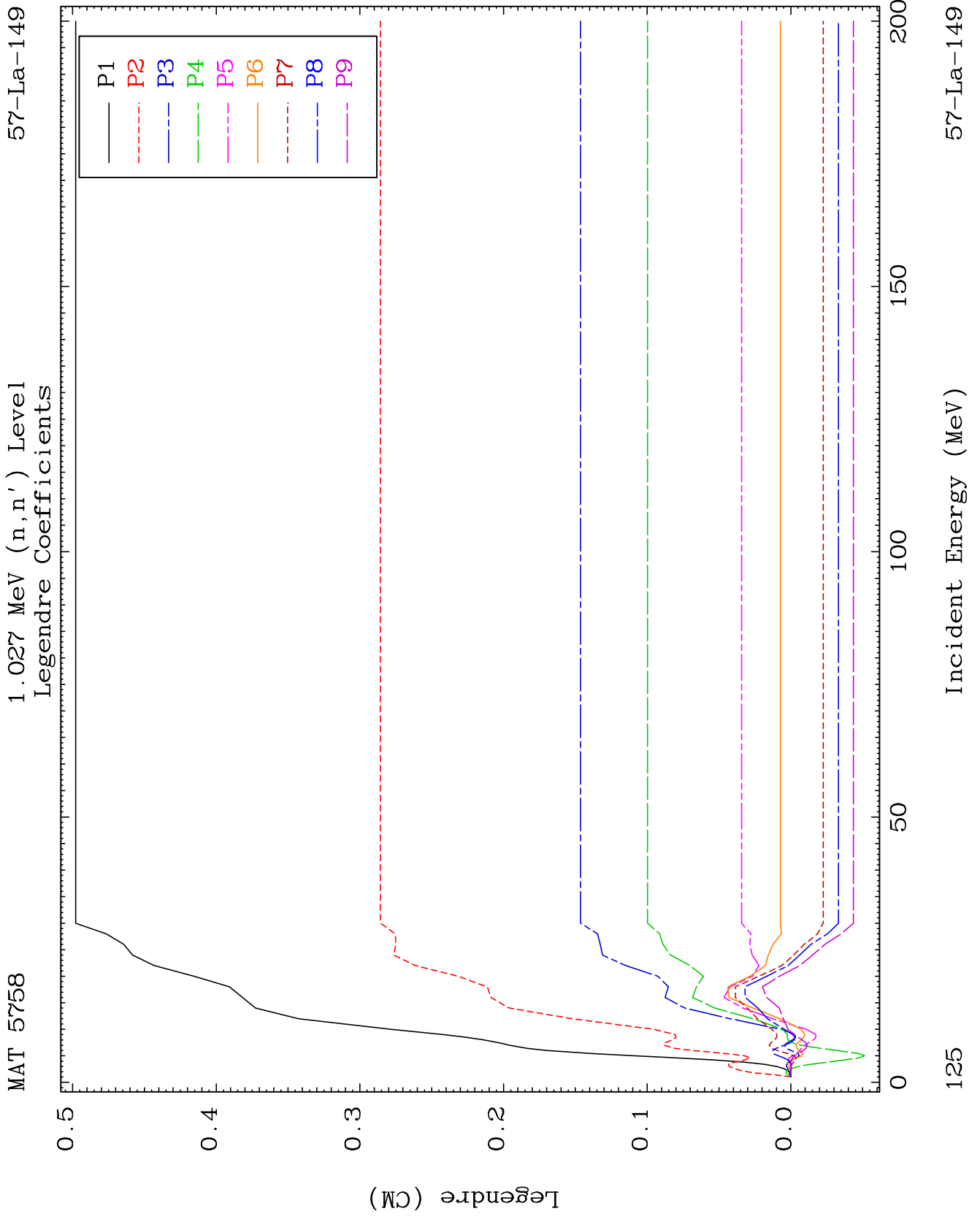


123

Incident Energy (MeV)

57-La-149

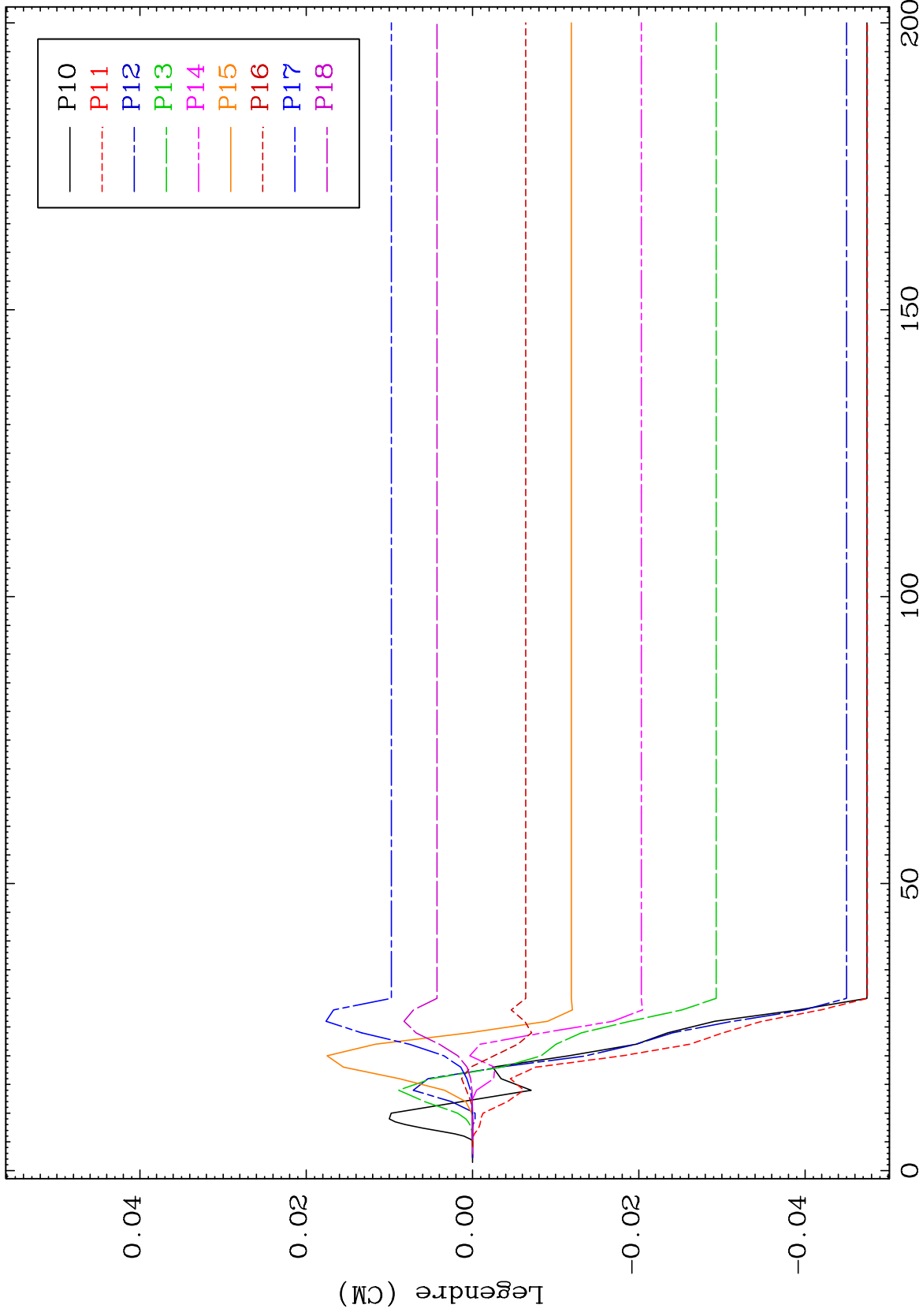




MAT 5758

1.027 MeV (n,n') Level
Legendre Coefficients

57-La-149



126

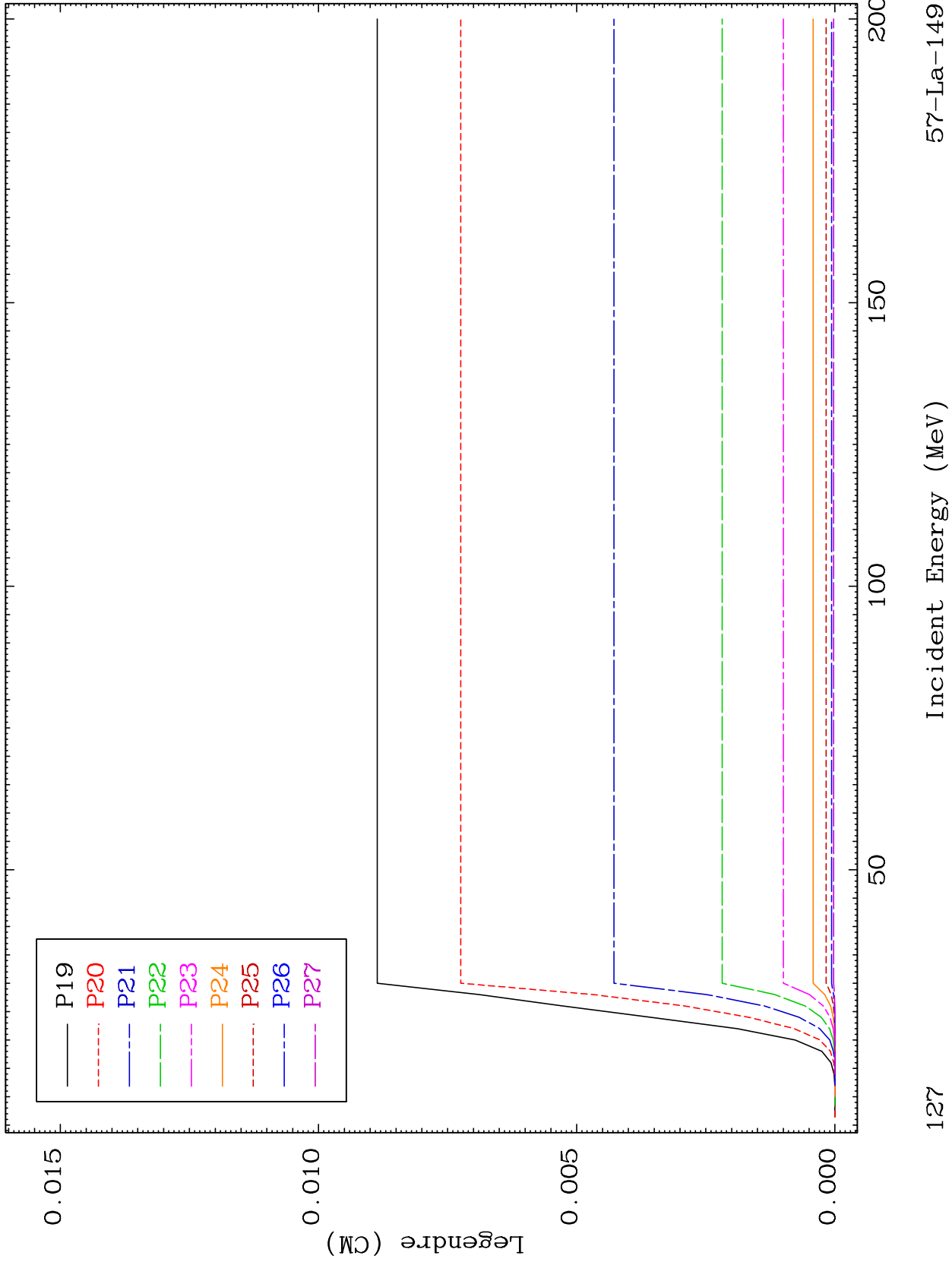
Incident Energy (MeV)

57-La-149

MAT 5758

1.027 MeV (n,n') Level
Legendre Coefficients

57-La-149



127

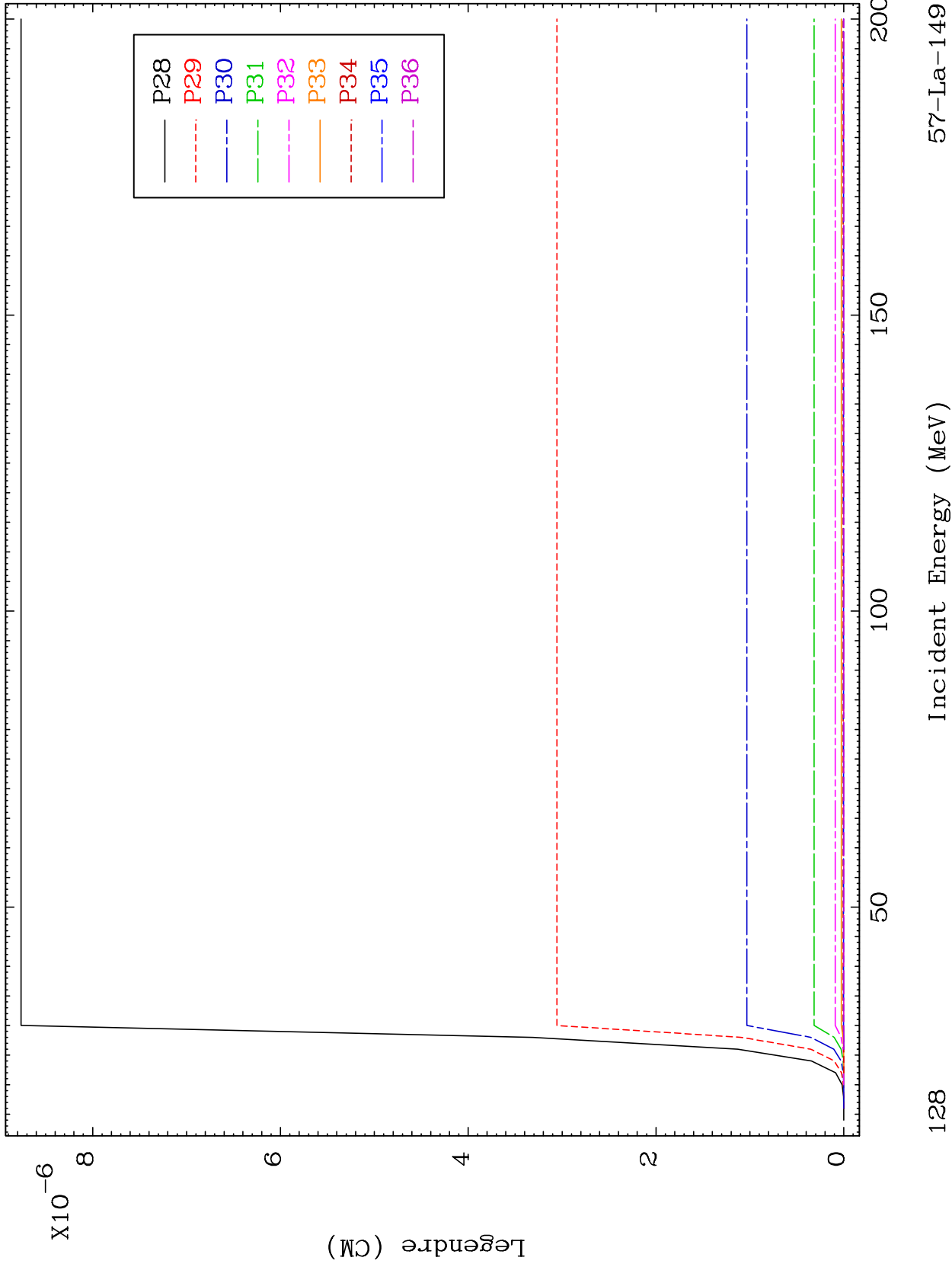
Incident Energy (MeV)

57-La-149

MAT 5758

1.027 MeV (n,n') Level
Legendre Coefficients

57-La-149



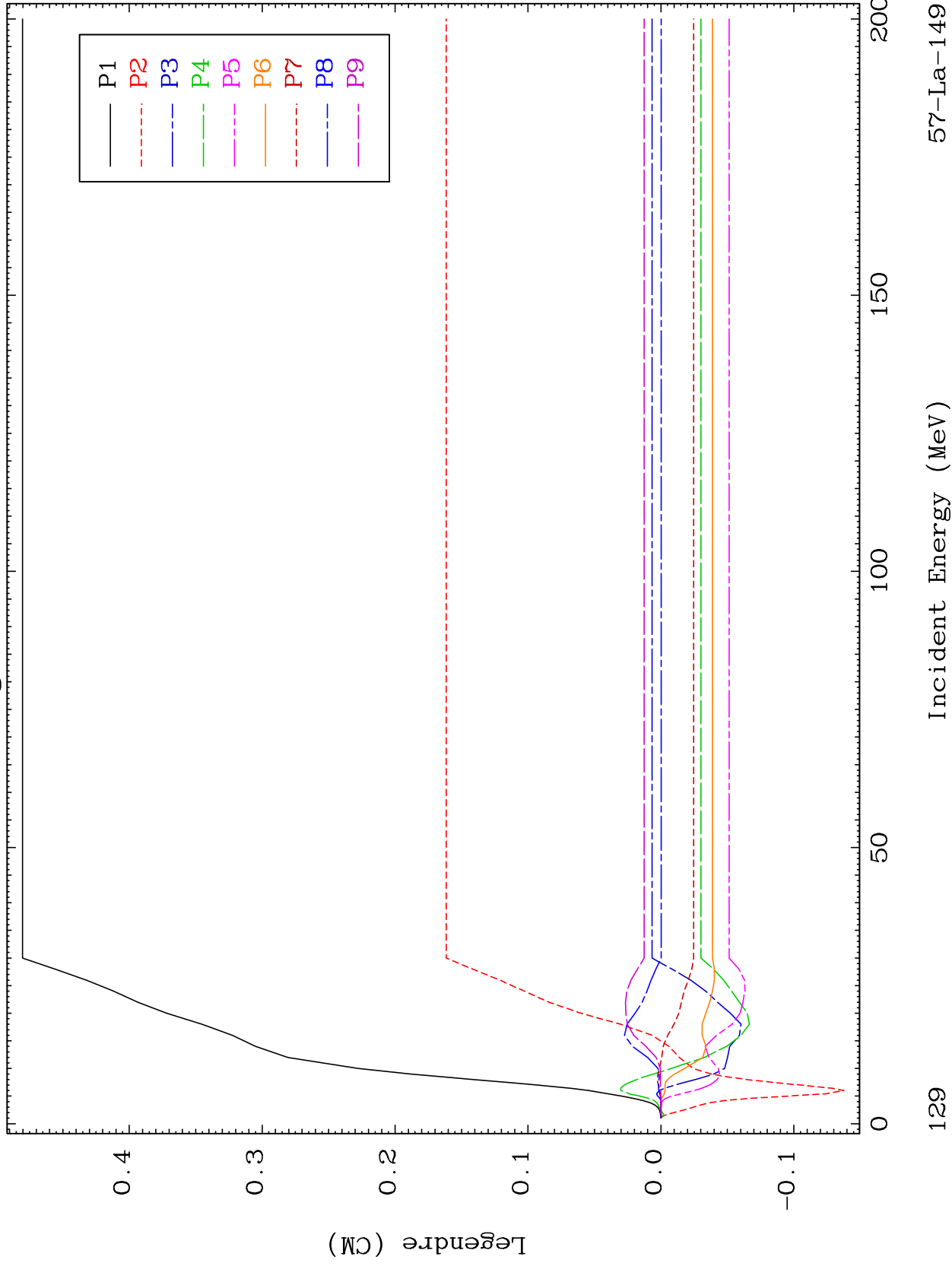
57-La-149

128

MAT 5758

1.032 MeV (n,n') Level
Legendre Coefficients

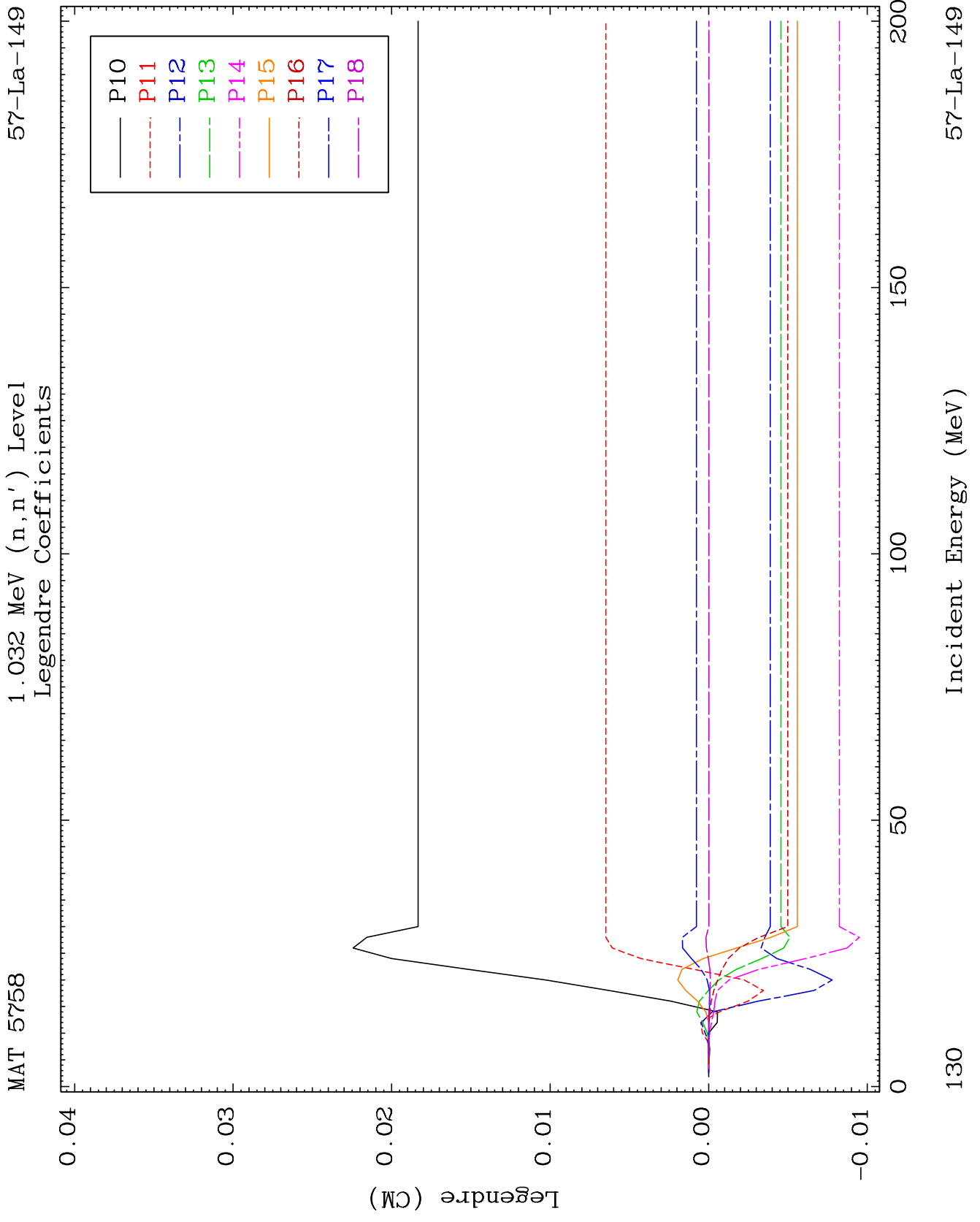
57-La-149



57-La-149

Incident Energy (MeV)

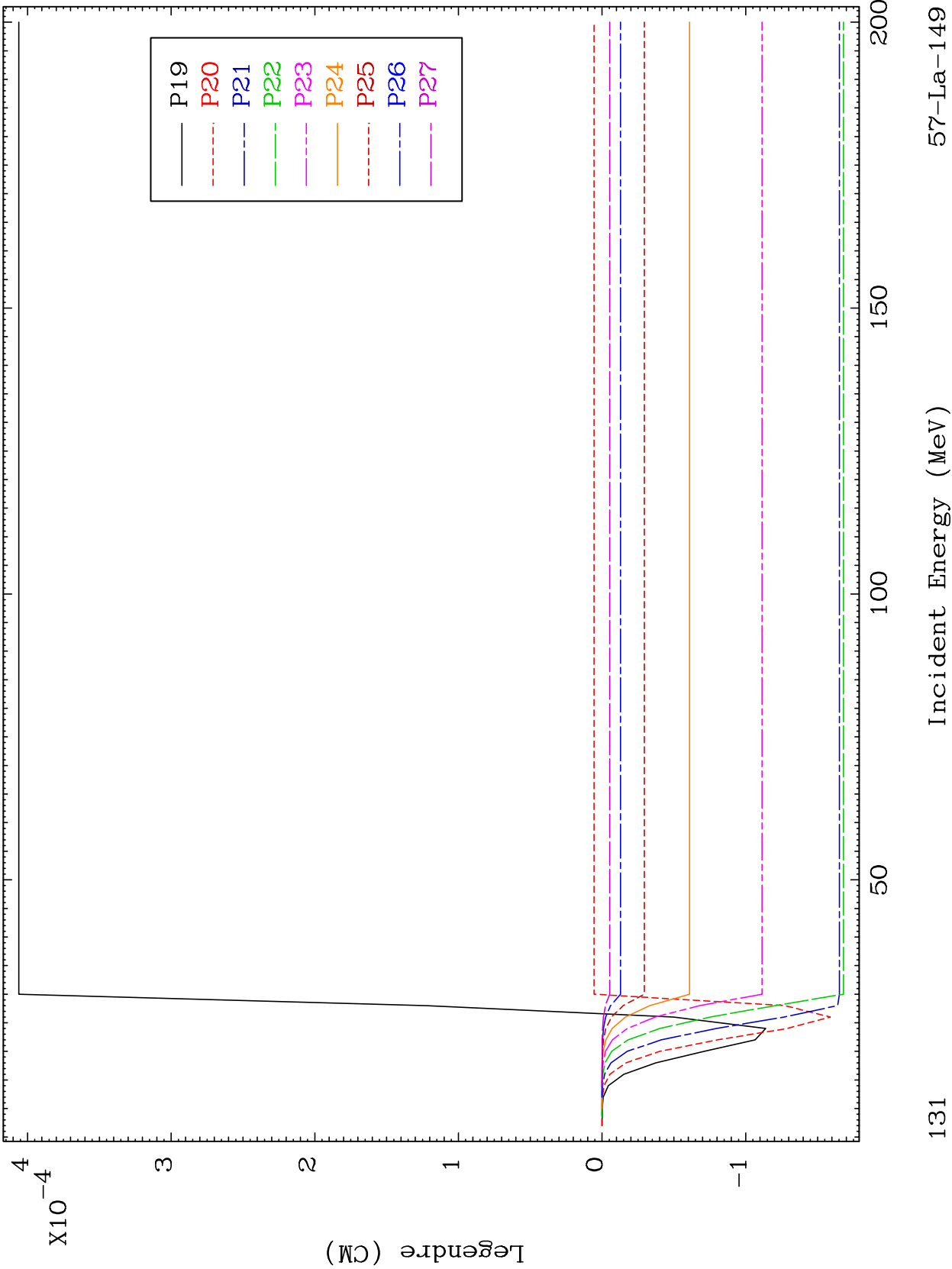
129



MAT 5758

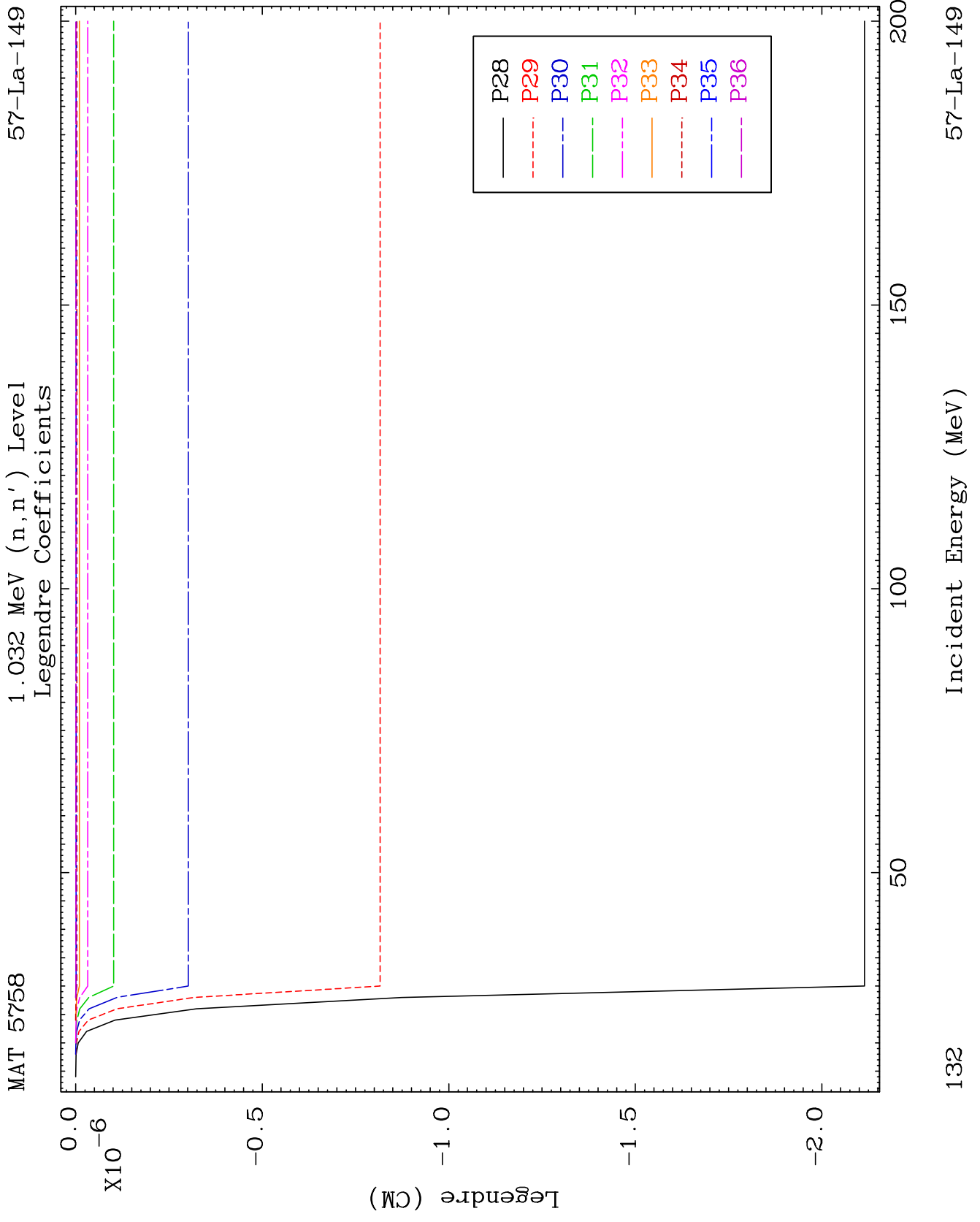
1.032 MeV (n,n') Level
Legendre Coefficients

57-La-149



131

57-La-149

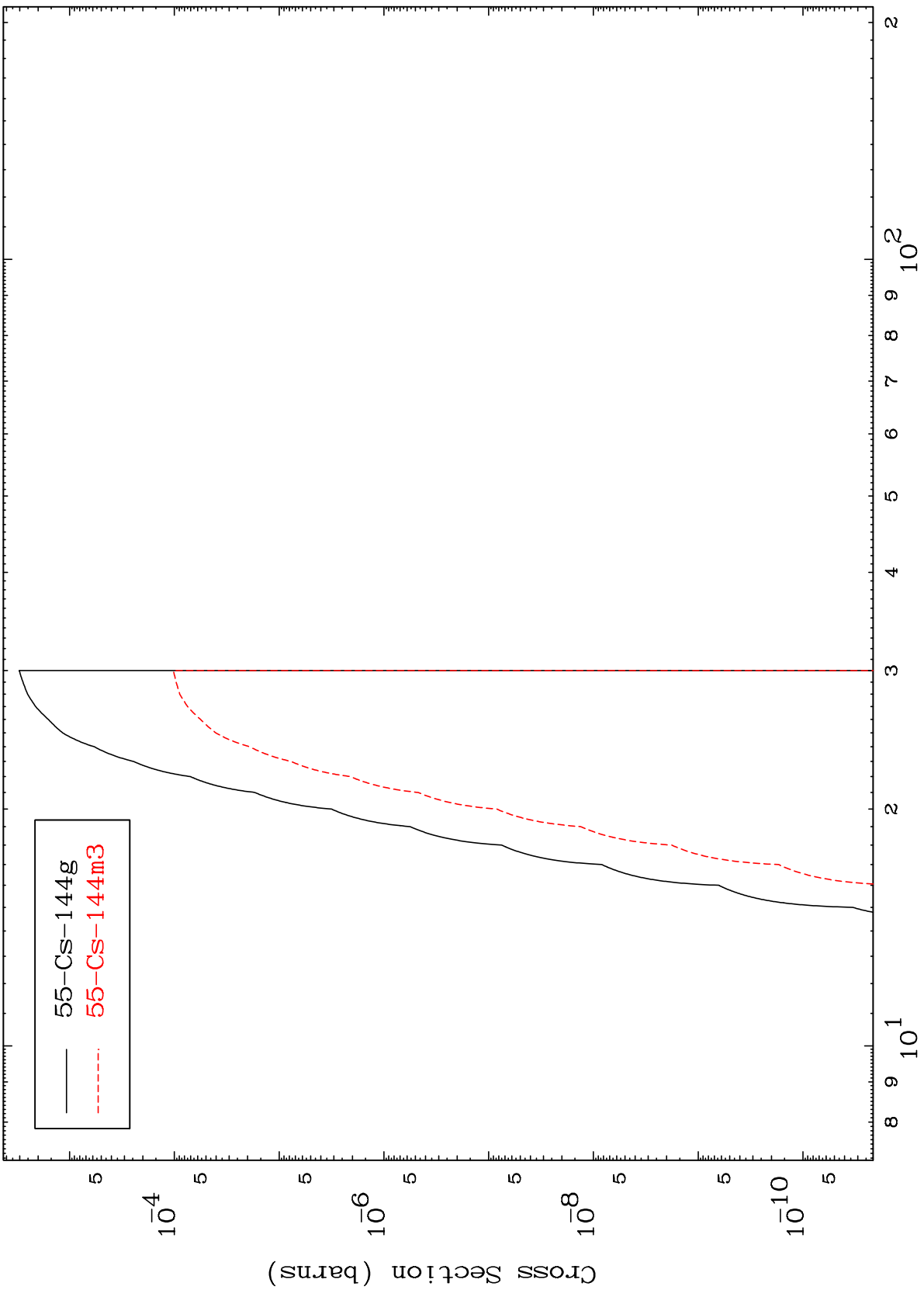


MAT 5758

(n,2n) α

57-La-149

Radionuclide Production Cross Section



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

133

Incident Energy (MeV)

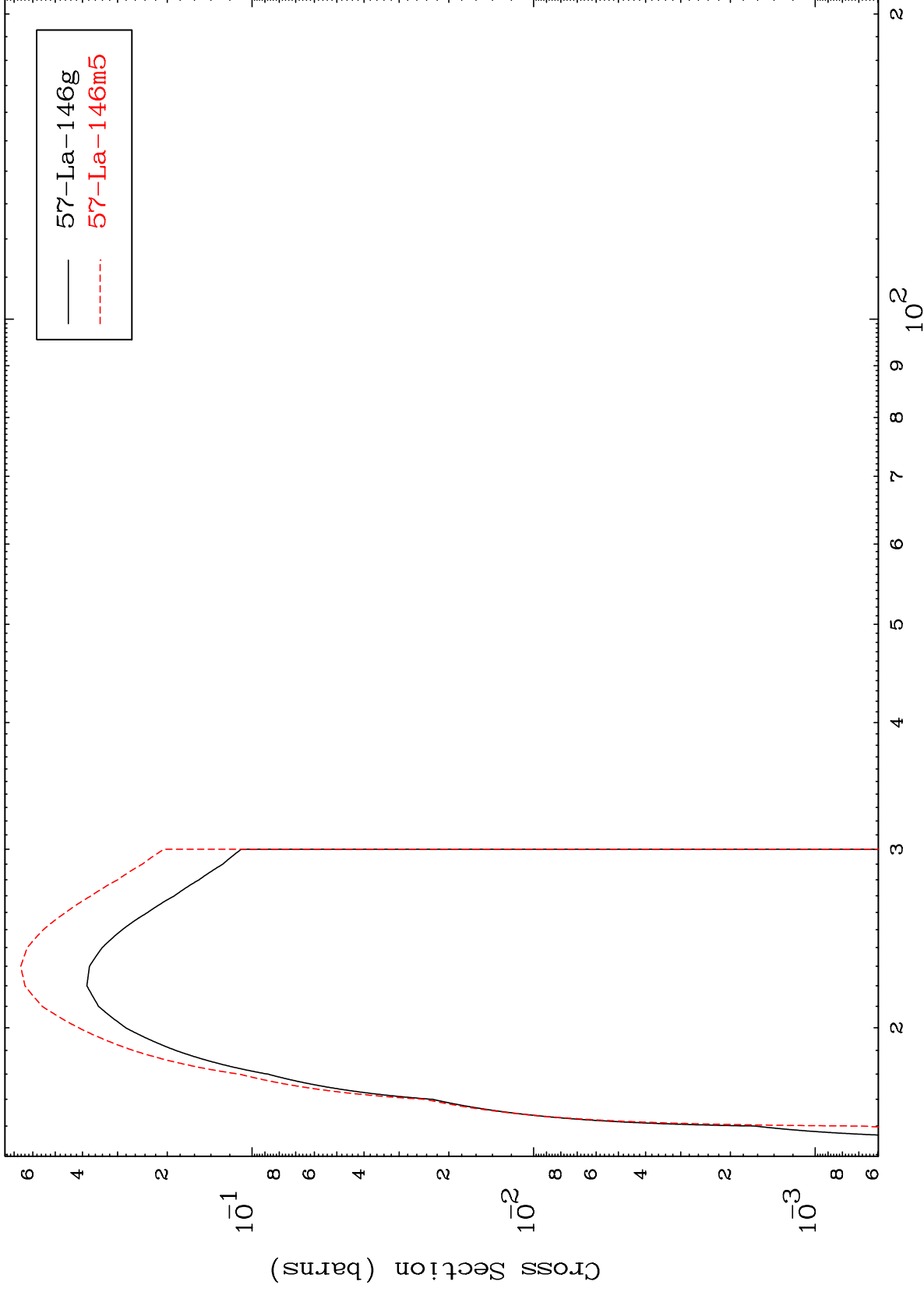
57-La-149

MAT 5758

(n,4n)

57-La-149

Radionuclide Production Cross Section



134

Incident Energy (MeV)

57-La-149