

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

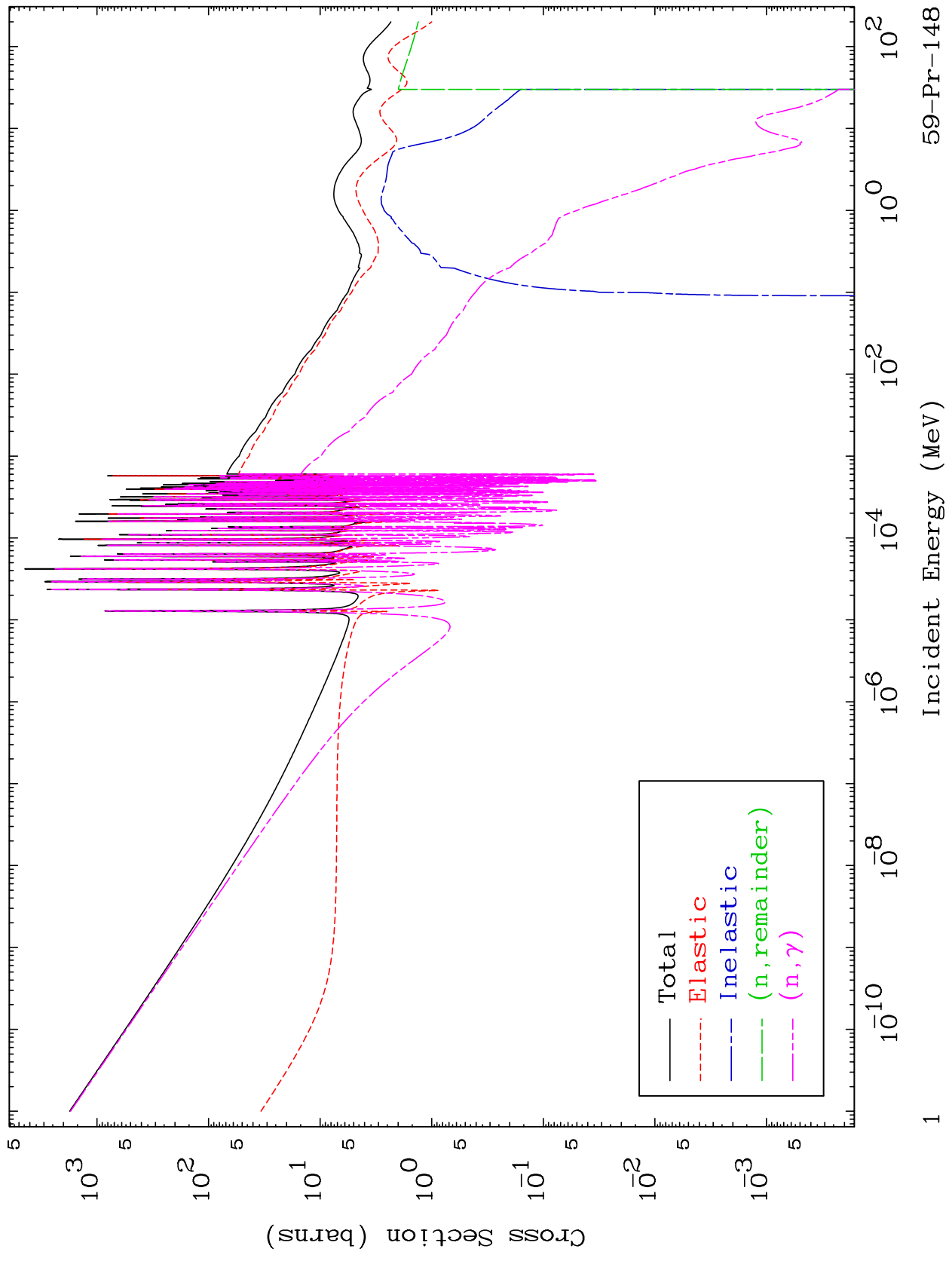
Press Mouse Button to Start

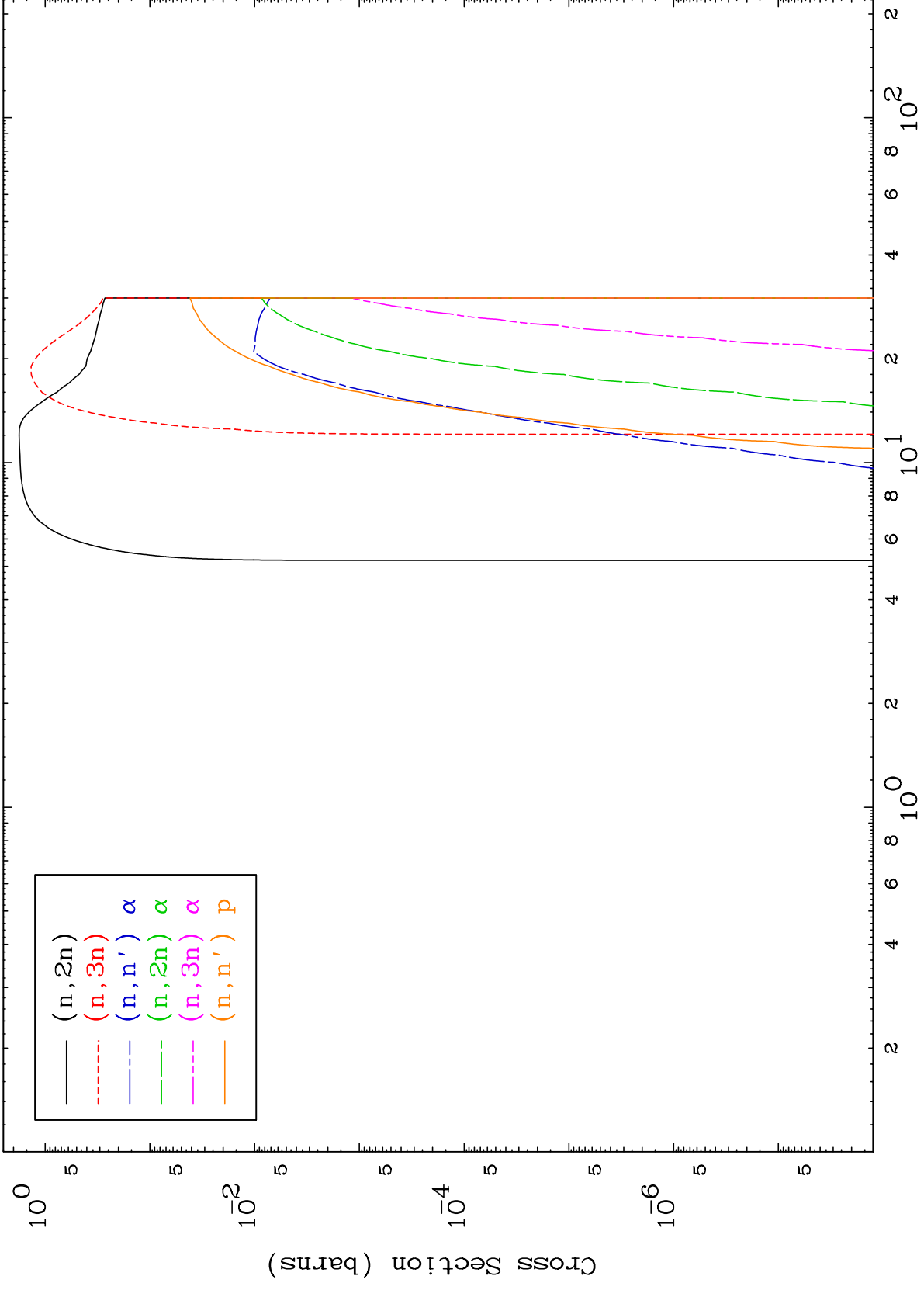
MAT 5946

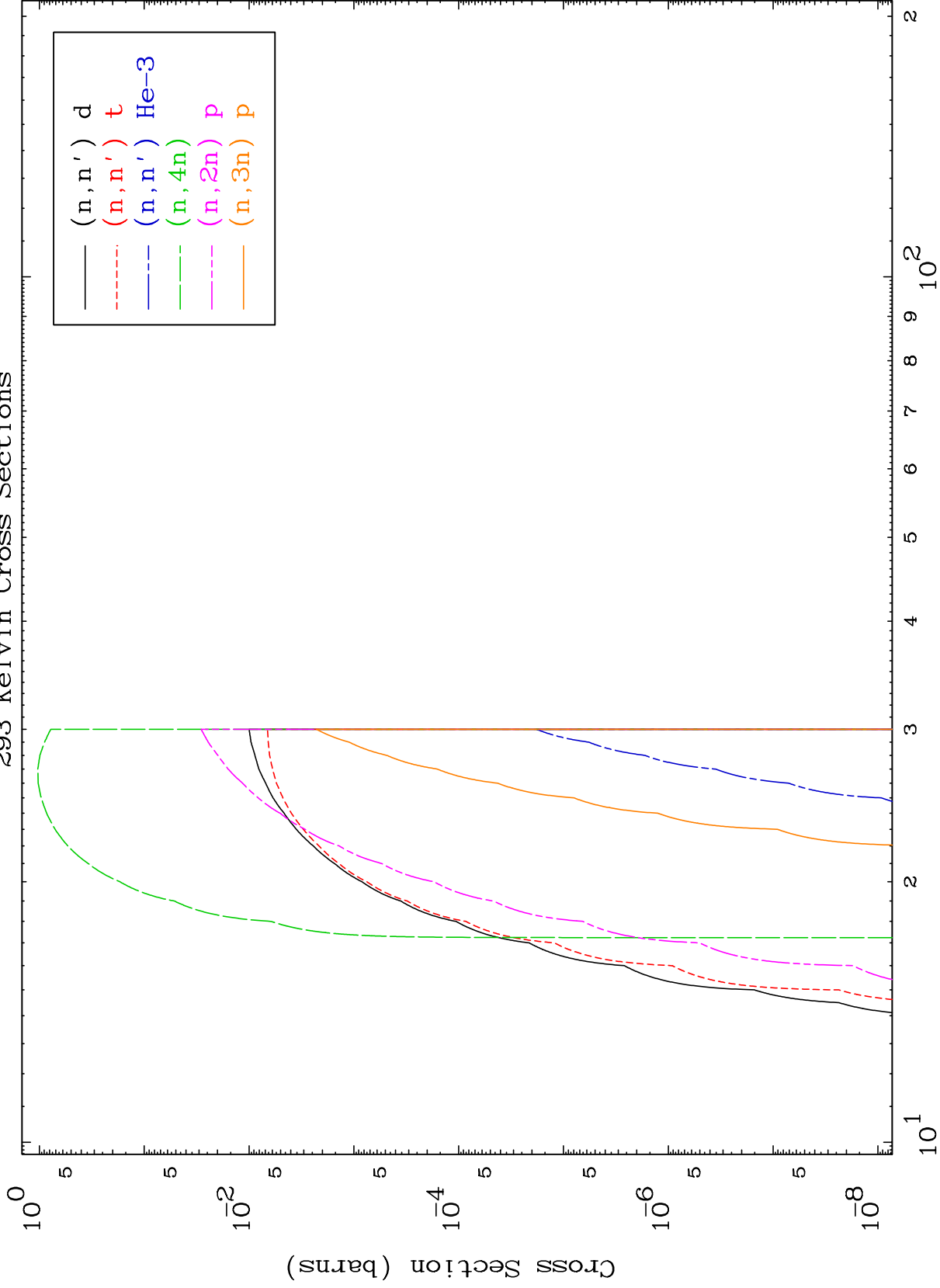
Major

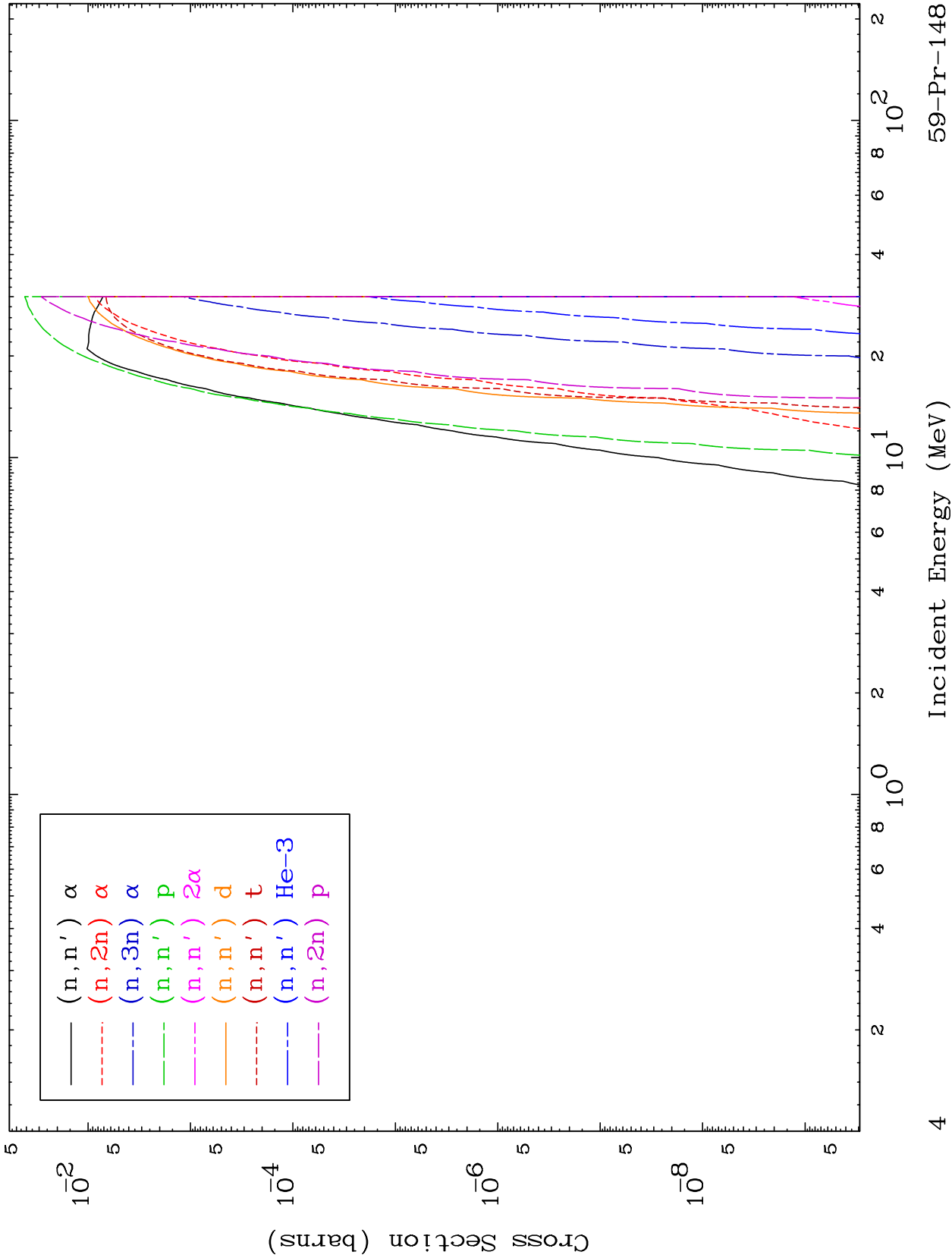
293 Kelvin Cross Sections

59-Pr-148





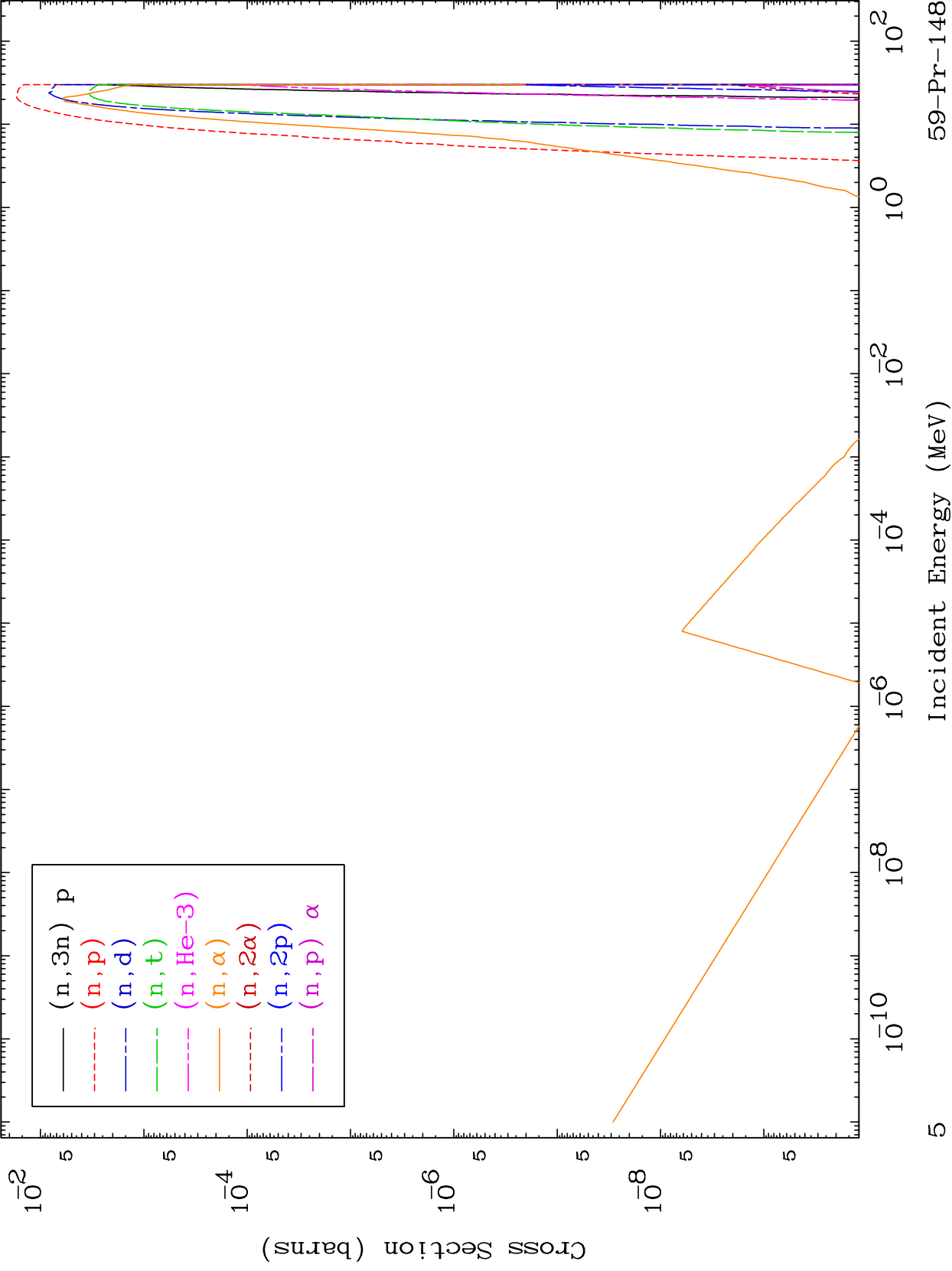




MAT 5946

Charged Particle
293 Kelvin Cross Sections

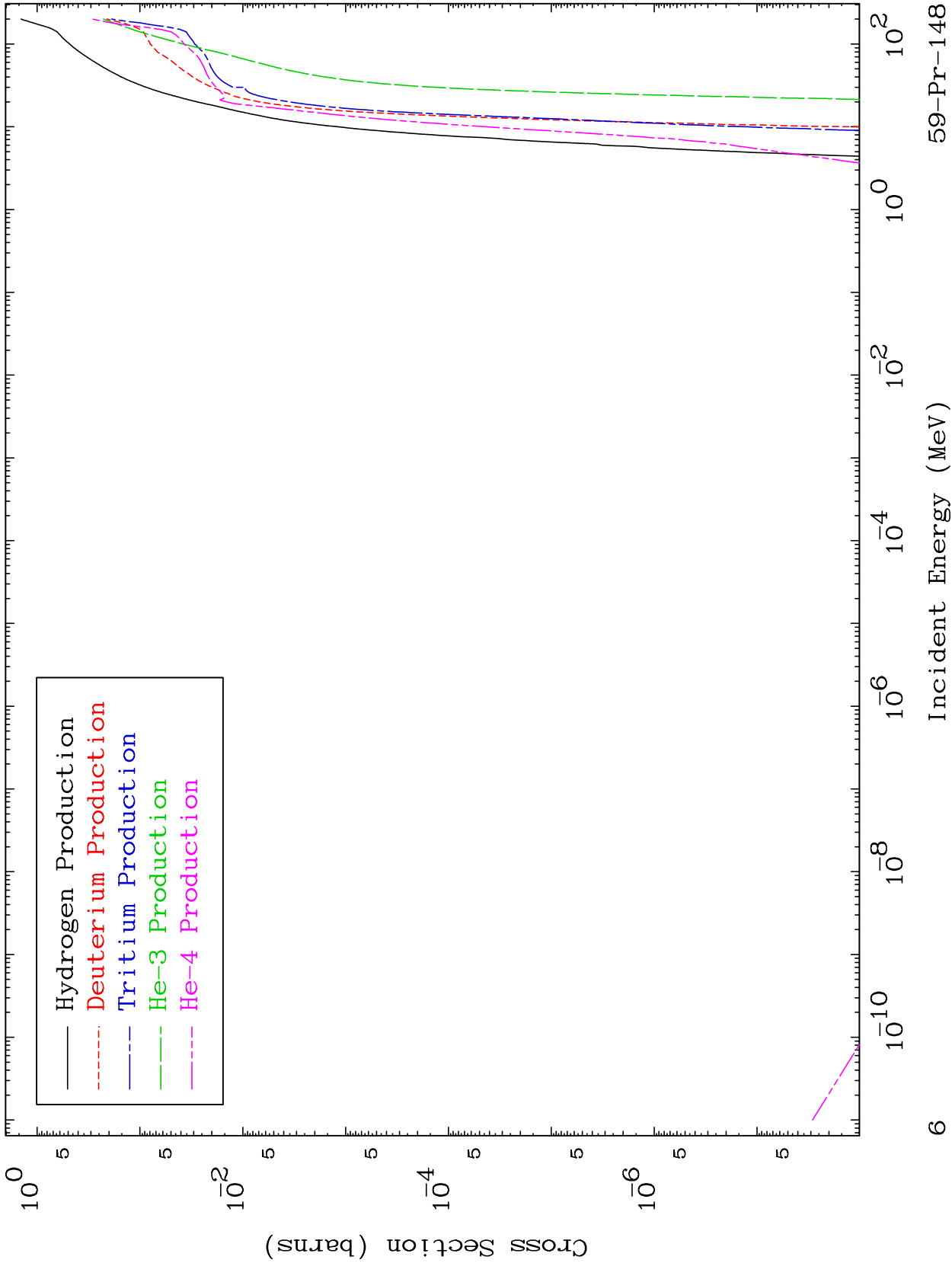
59-Pr-148



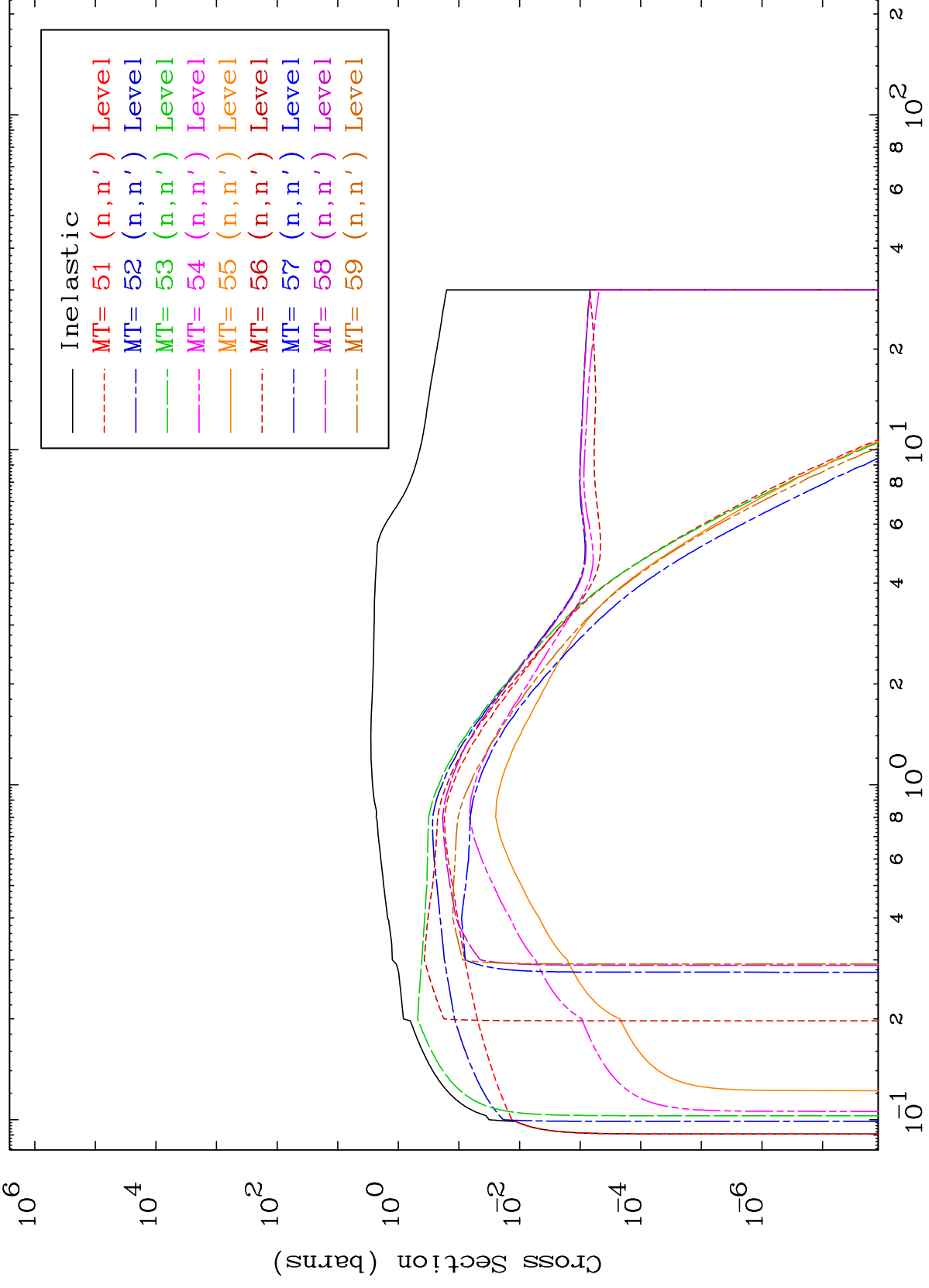
MAT 5946

Particle Production
293 Kelvin Cross Sections

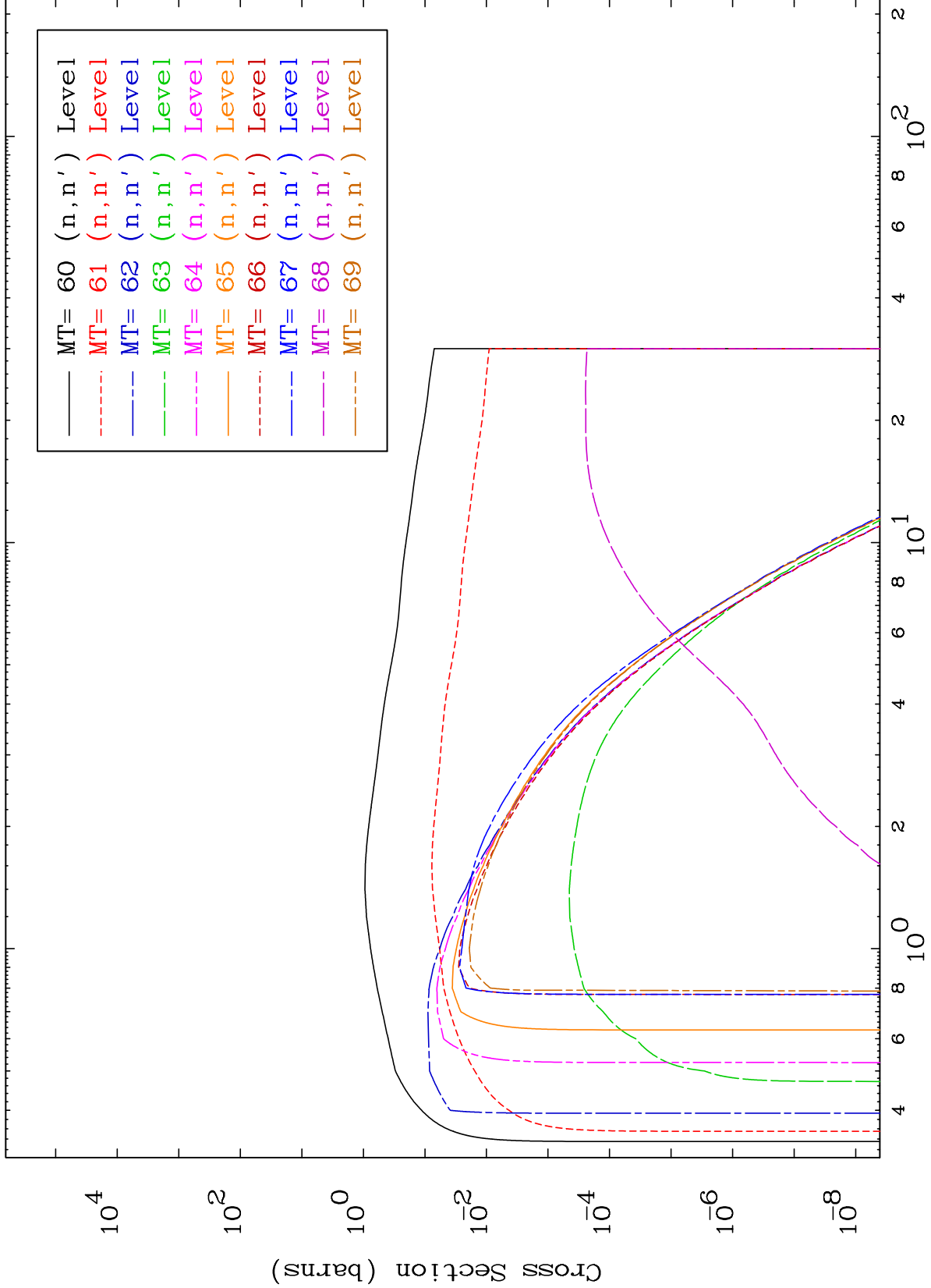
59-Pr-148



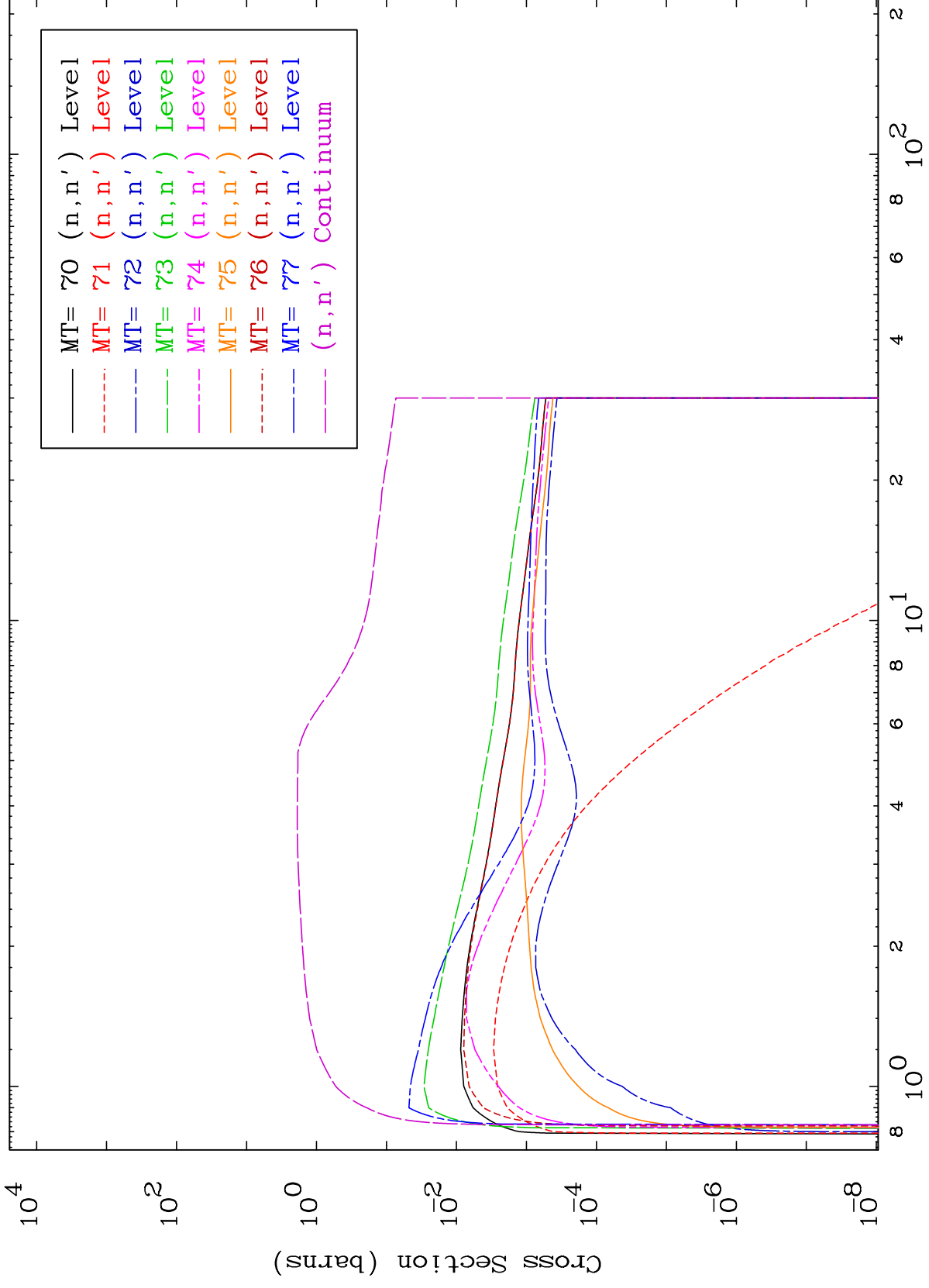
293 Kelvin Cross Sections



293 Kelvin Cross Sections



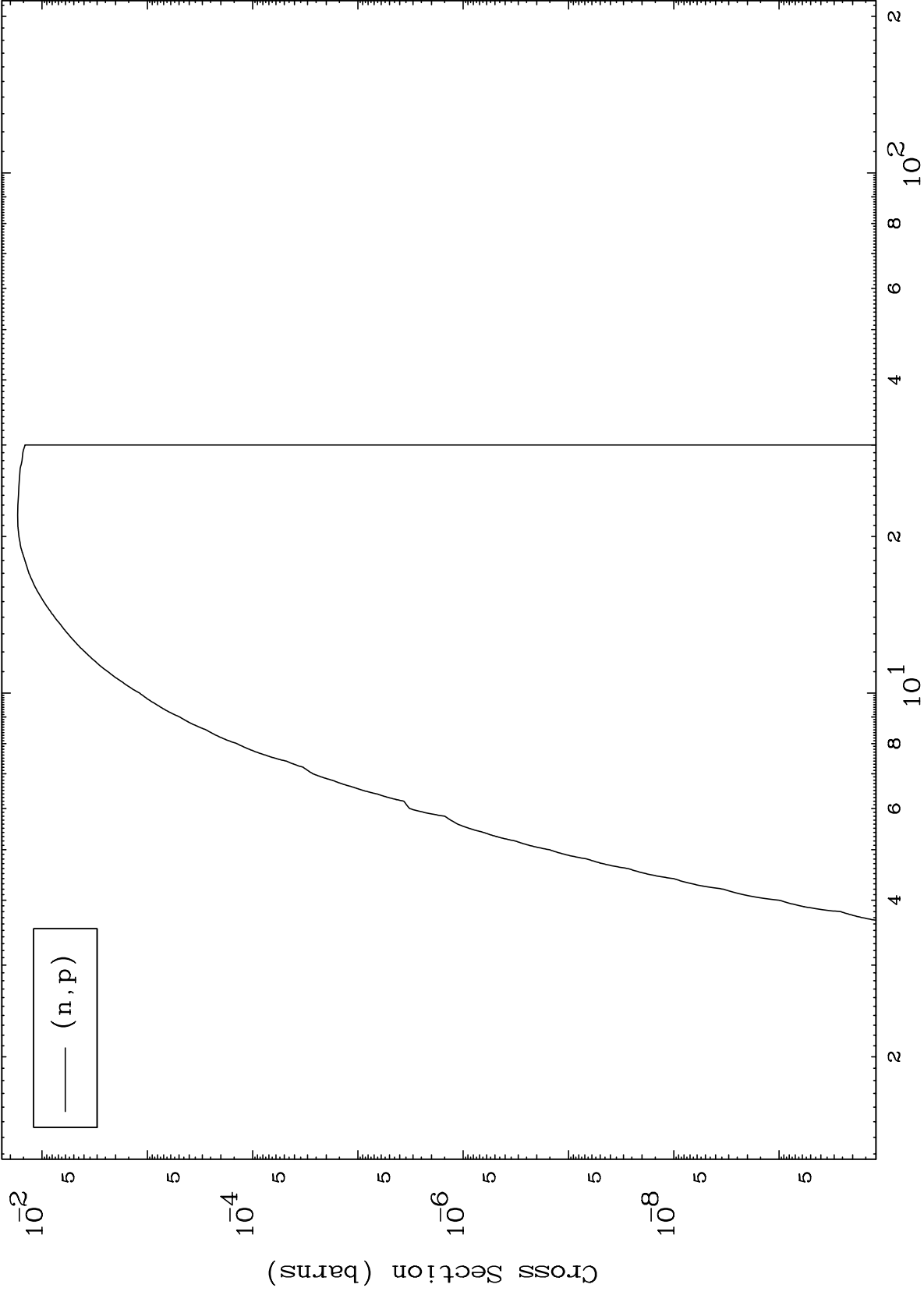
293 Kelvin Cross Sections



MAT 5946

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-148



10

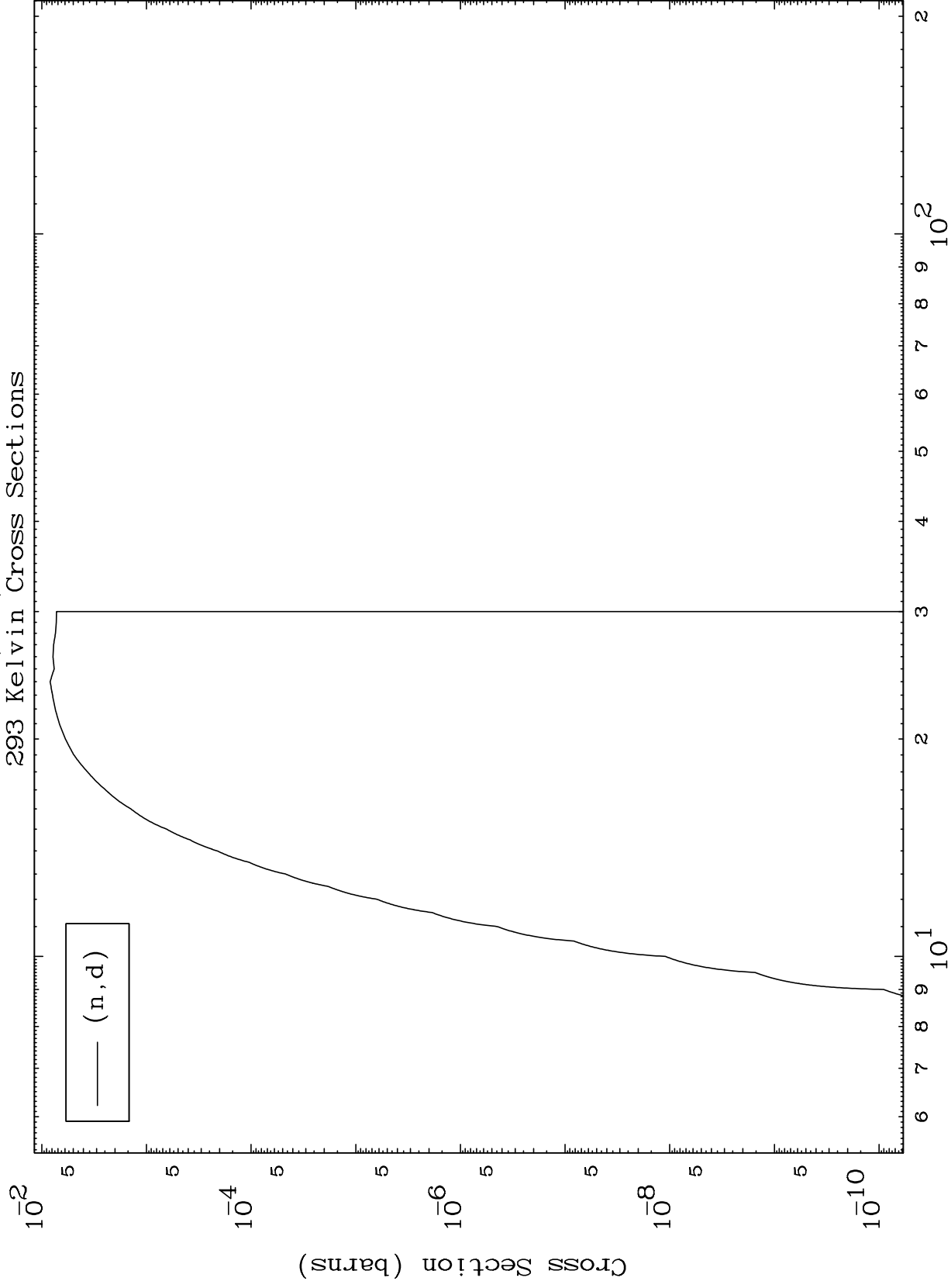
Incident Energy (MeV)

59-Pr-148

MAT 5946

(n,d) Levels
293 Kelvin Cross Sections

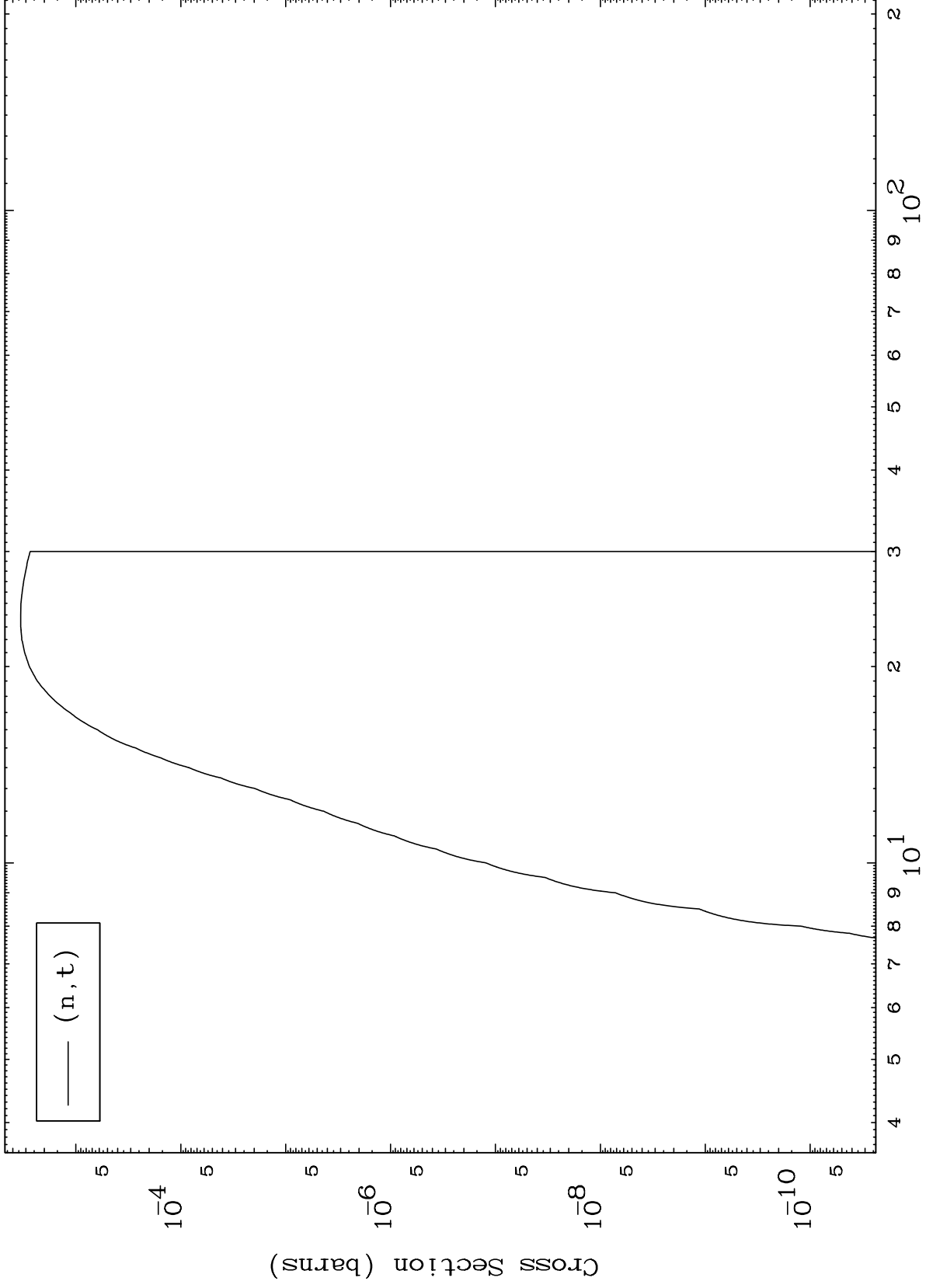
59-Pr-148



11

Incident Energy (MeV)

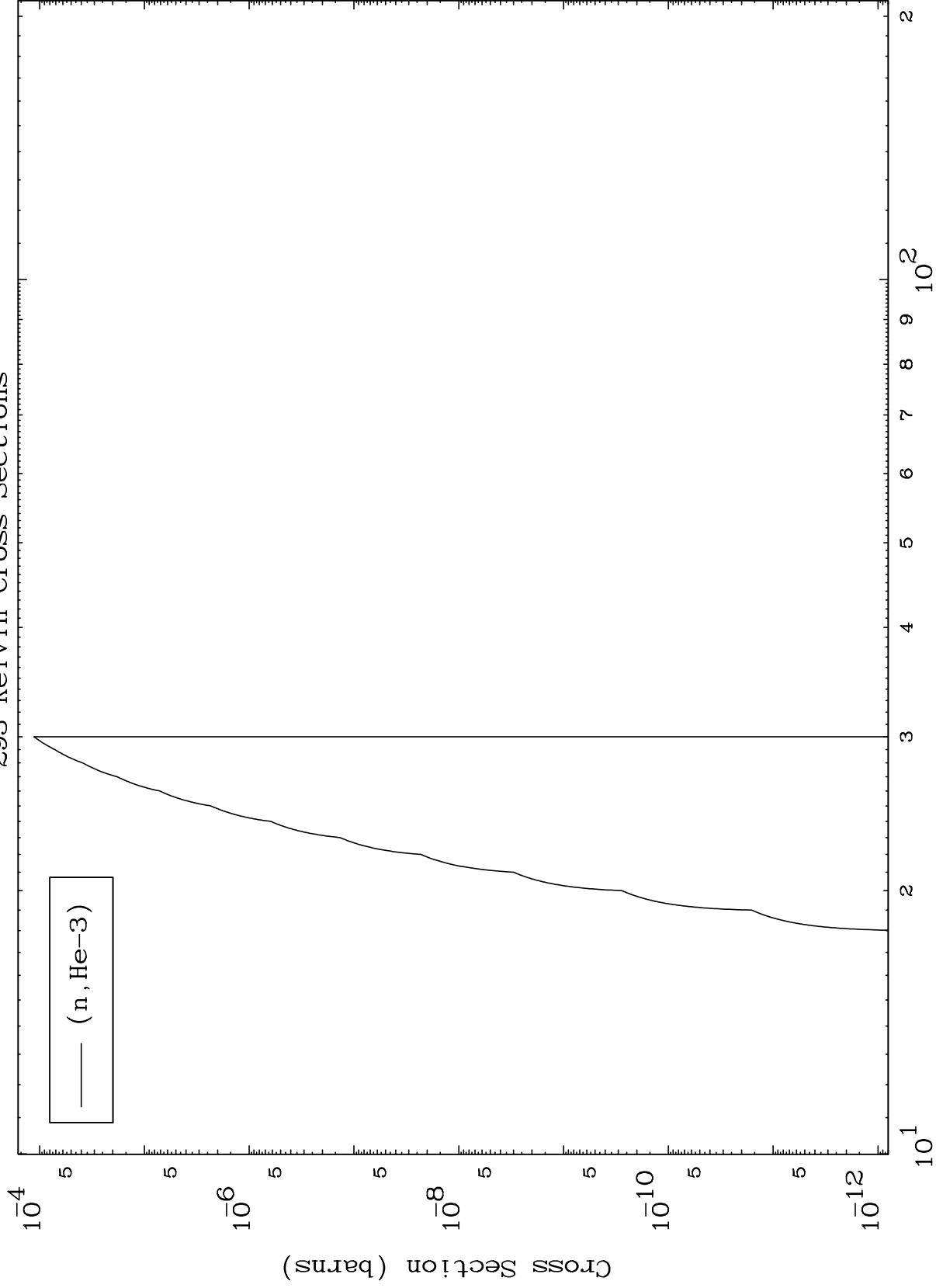
59-Pr-148



MAT 5946

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-148



Incident Energy (MeV)

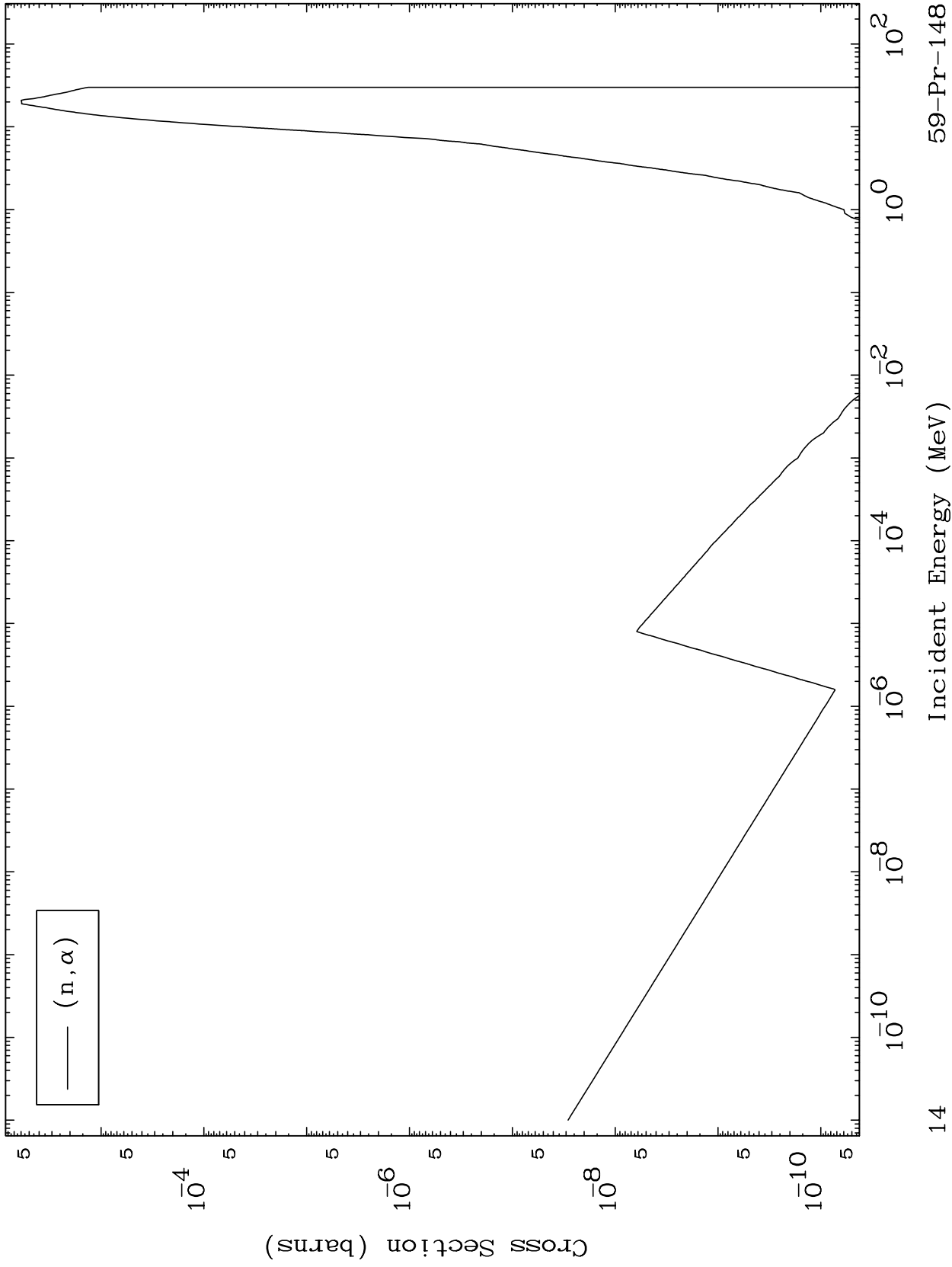
59-Pr-148

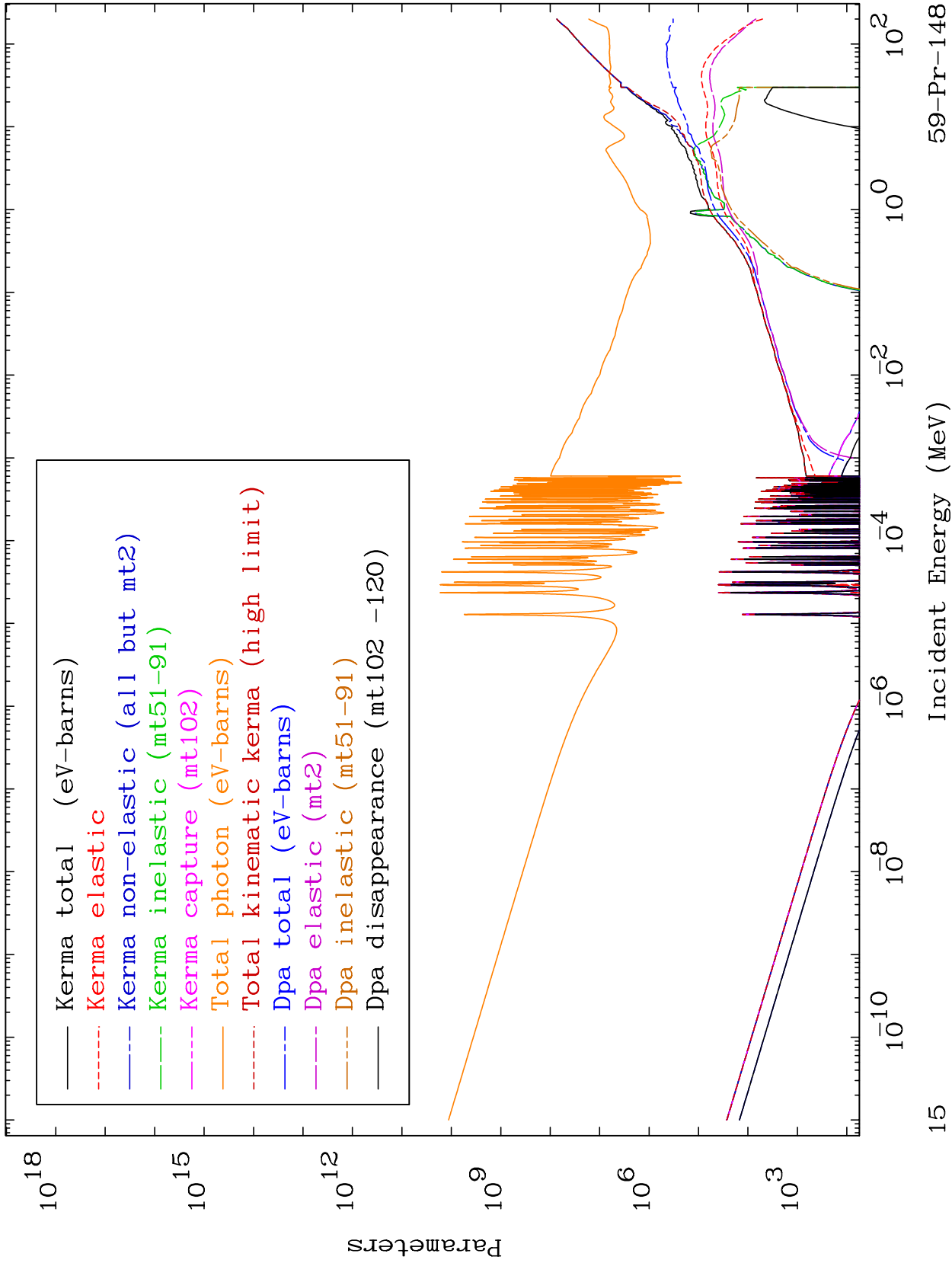
13

MAT 5946

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-148

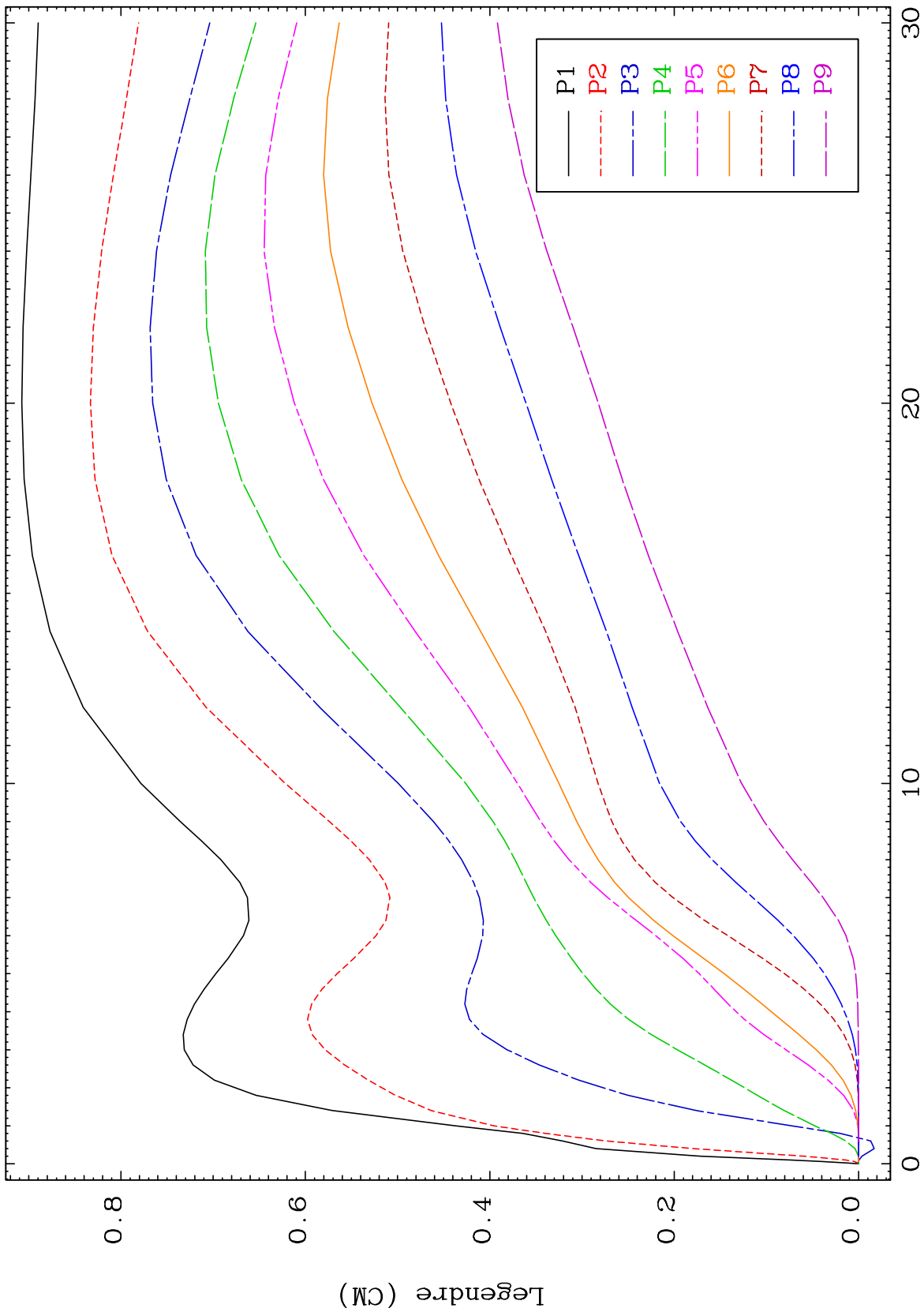




MAT 5946

59-Pr-148

Elastic Legendre Coefficients



59-Pr-148

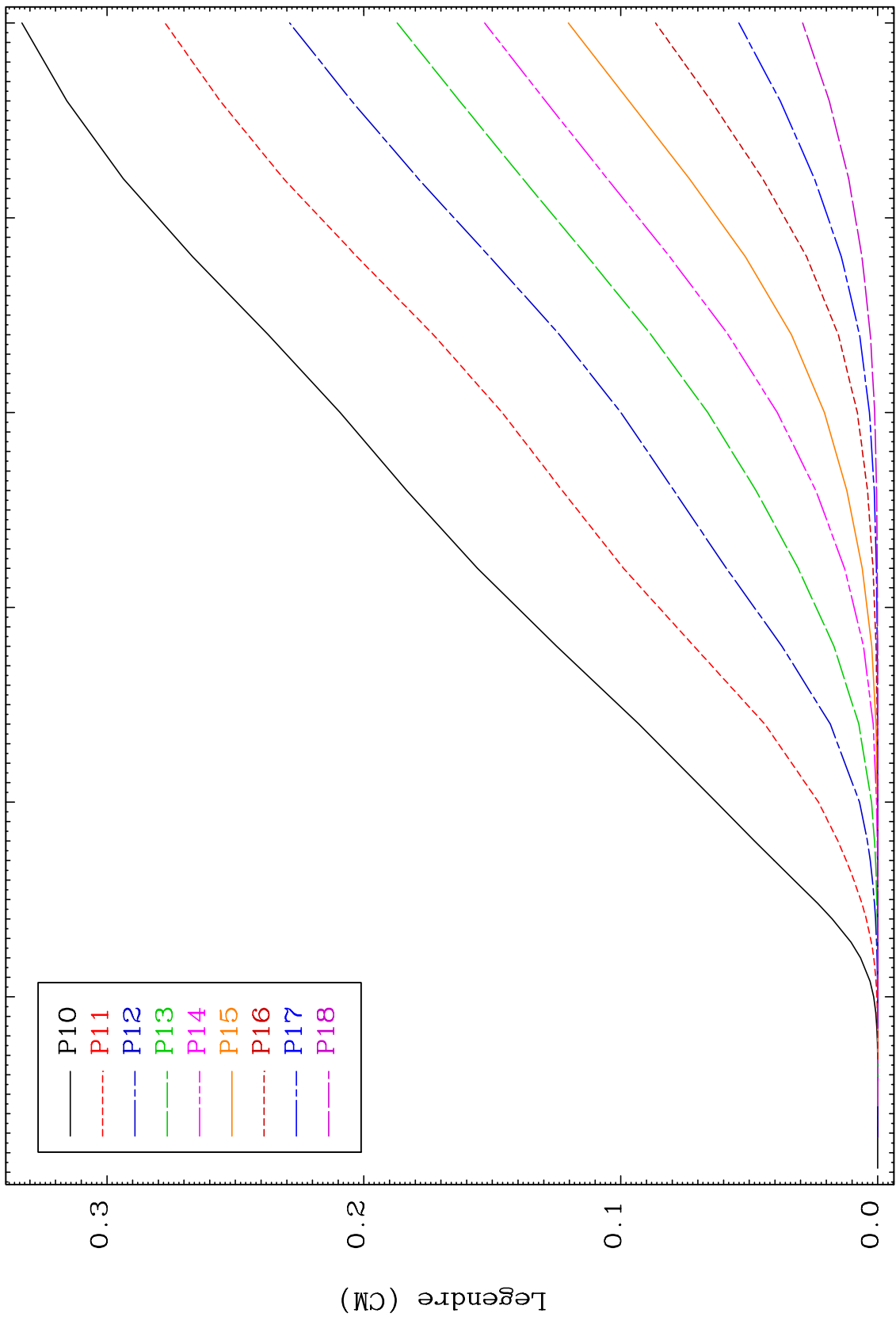
Incident Energy (MeV)

16

MAT 5946

Elastic Legendre Coefficients

59-Pr-148



17

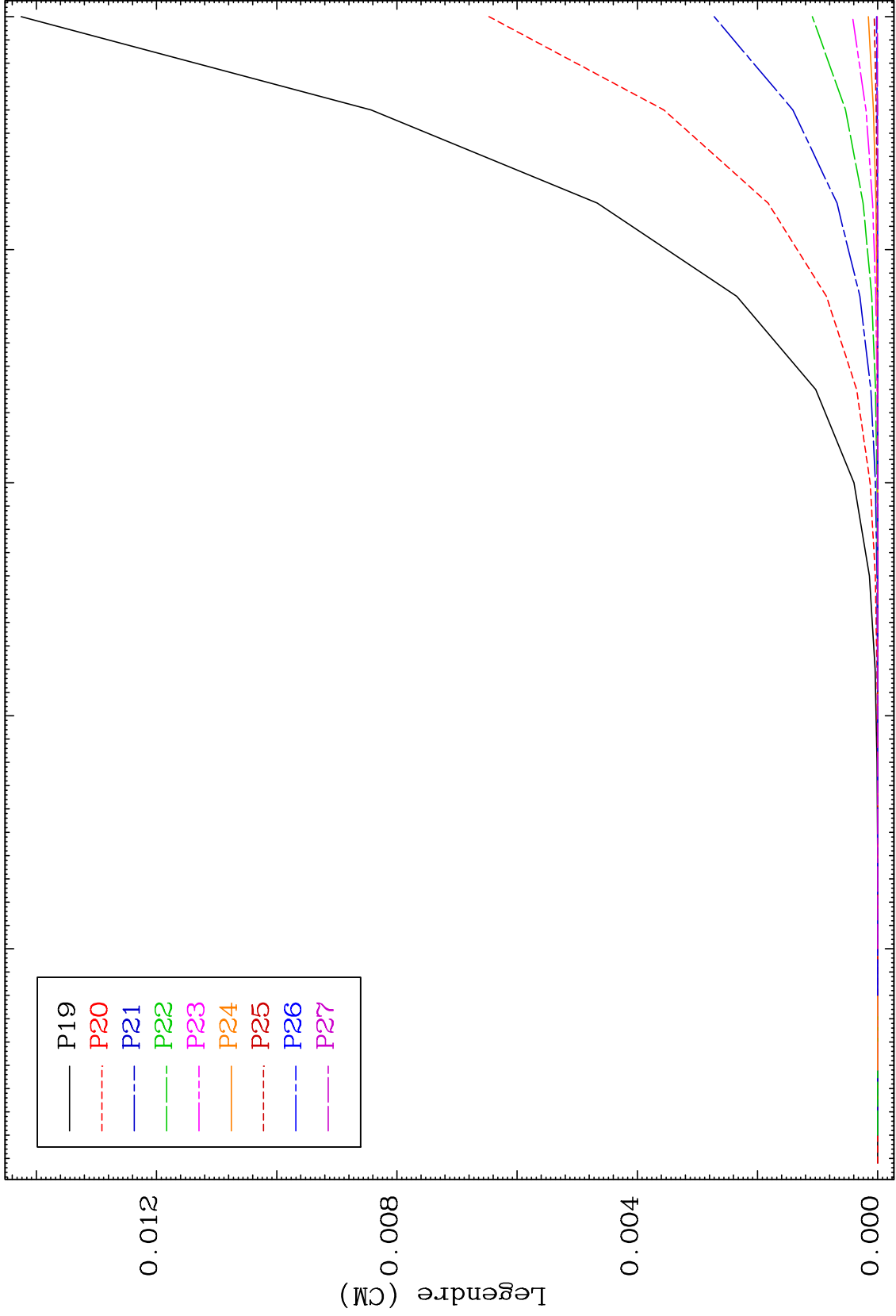
Incident Energy (MeV)

59-Pr-148

MAT 5946

Elastic
Legendre Coefficients

59-Pr-148



18

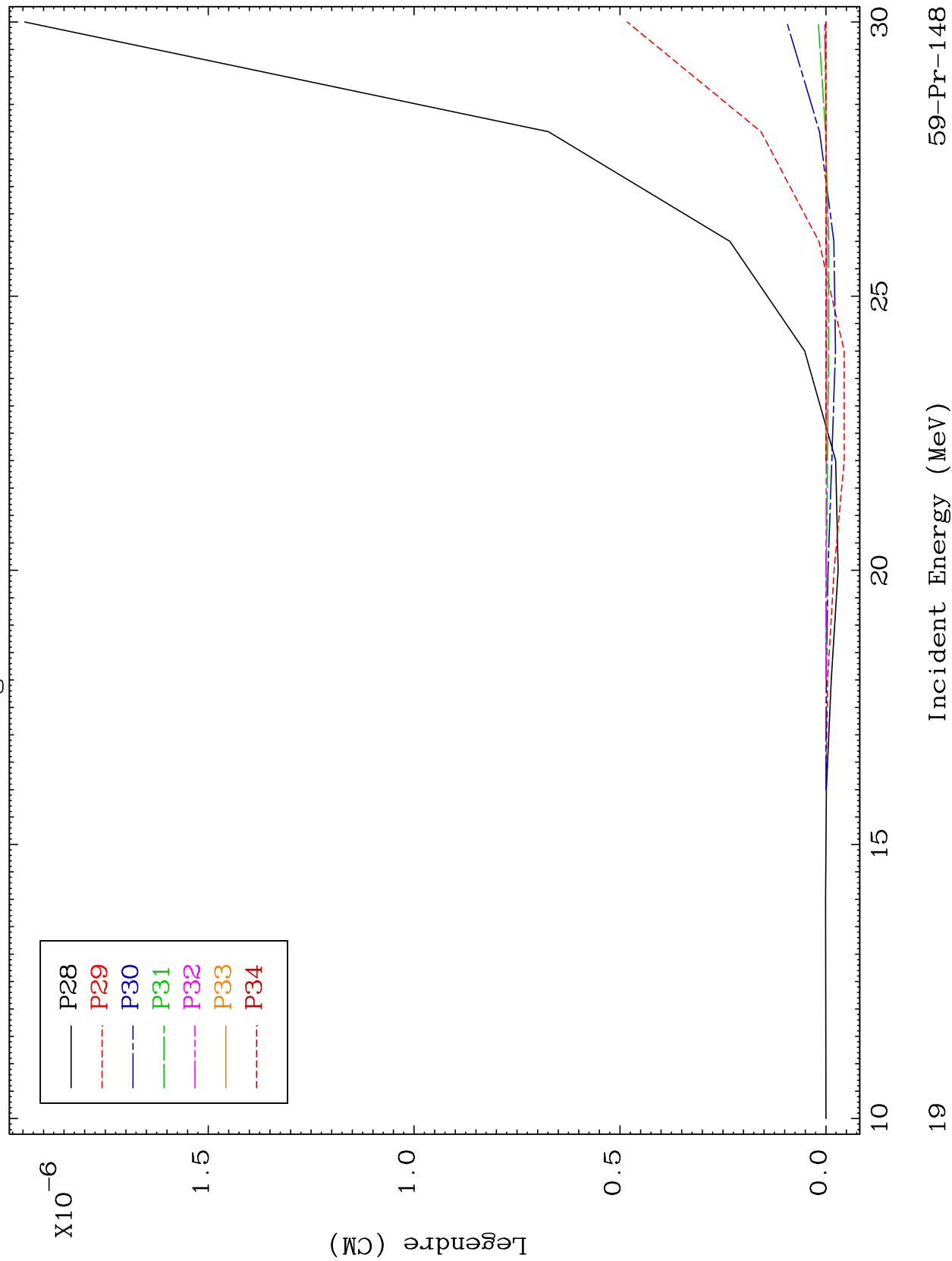
Incident Energy (MeV)

59-Pr-148

MAT 5946

Elastic Legendre Coefficients

59-Pr-148



19

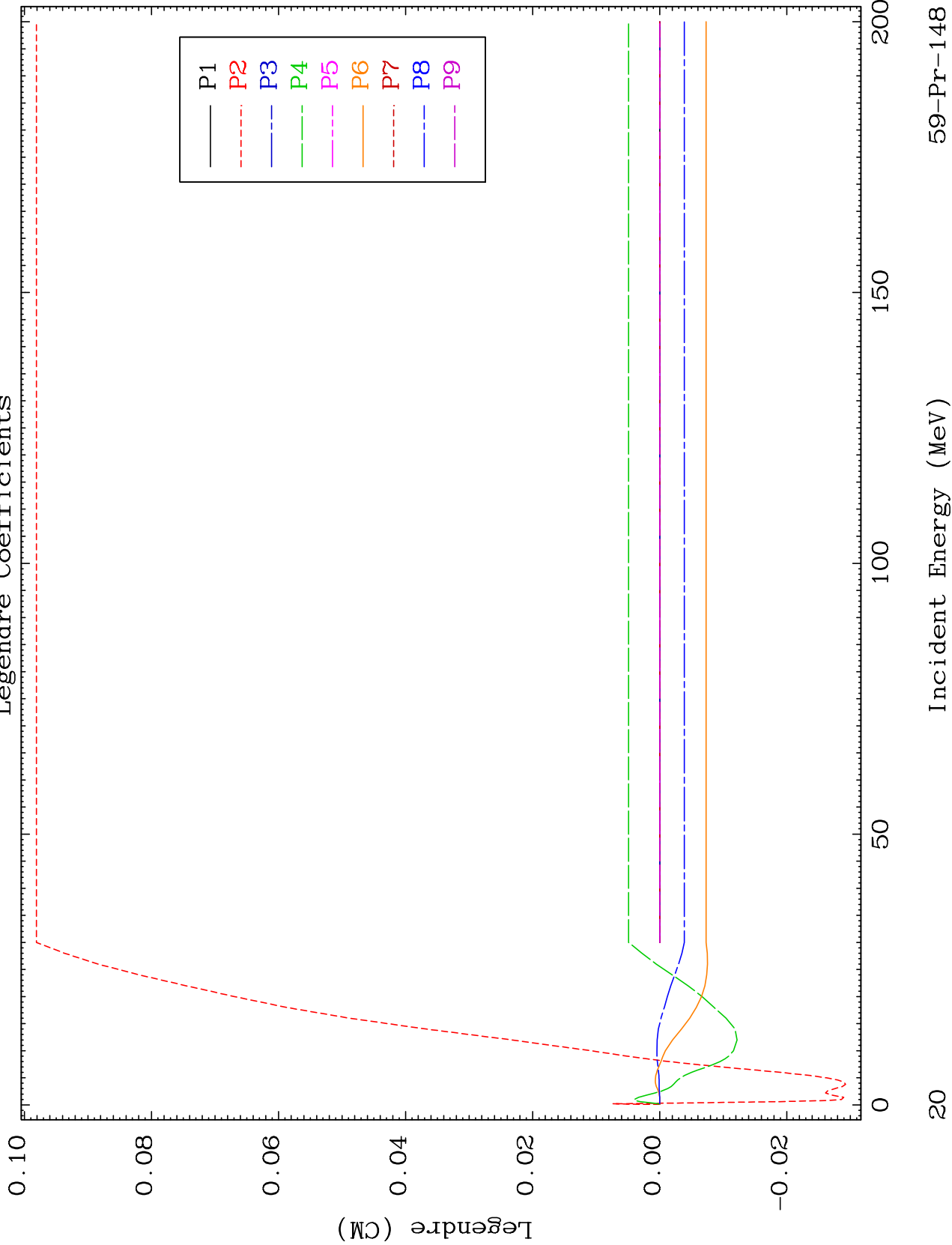
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



59-Pr-148

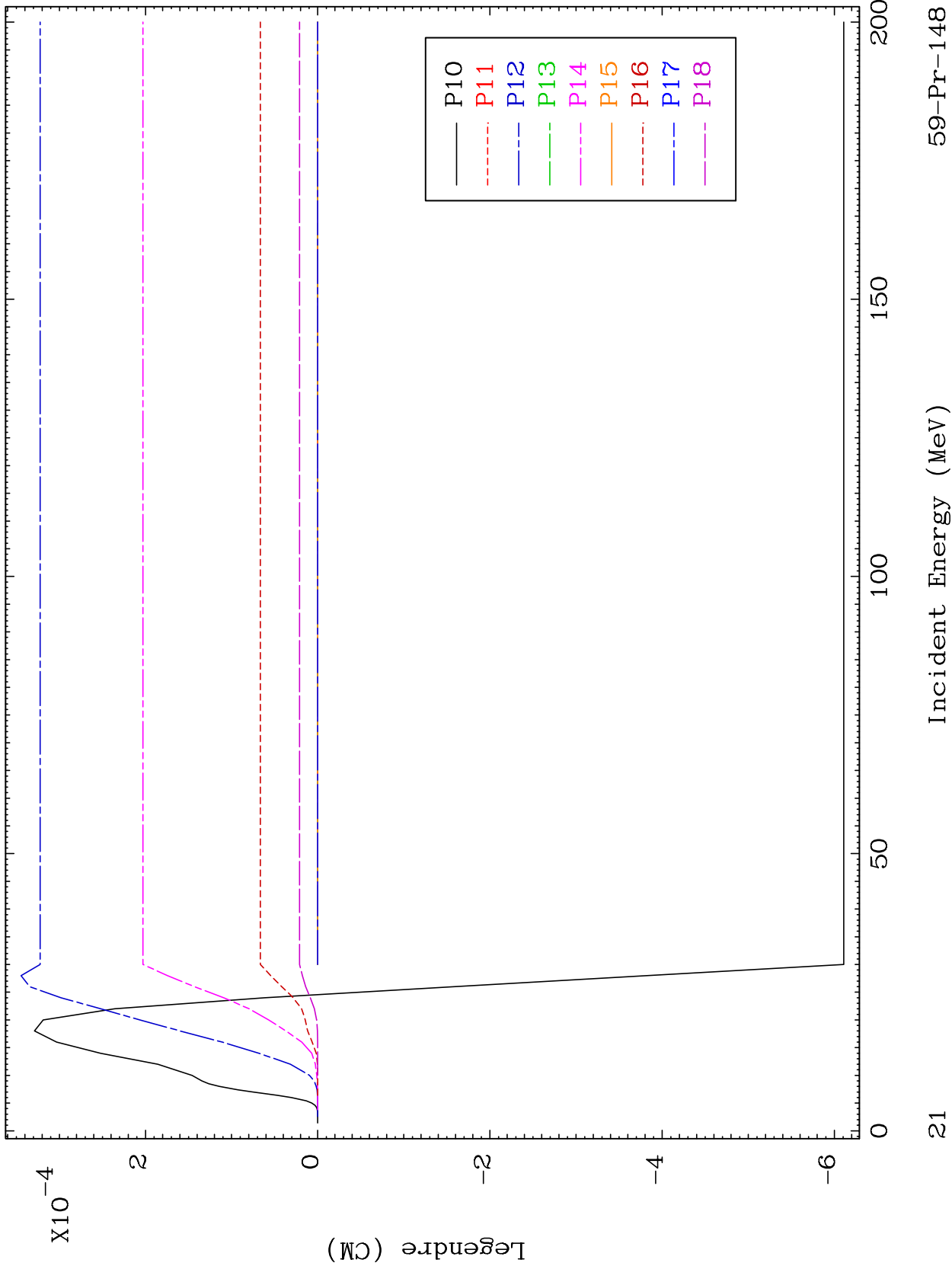
Incident Energy (MeV)

20

MAT 5946

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

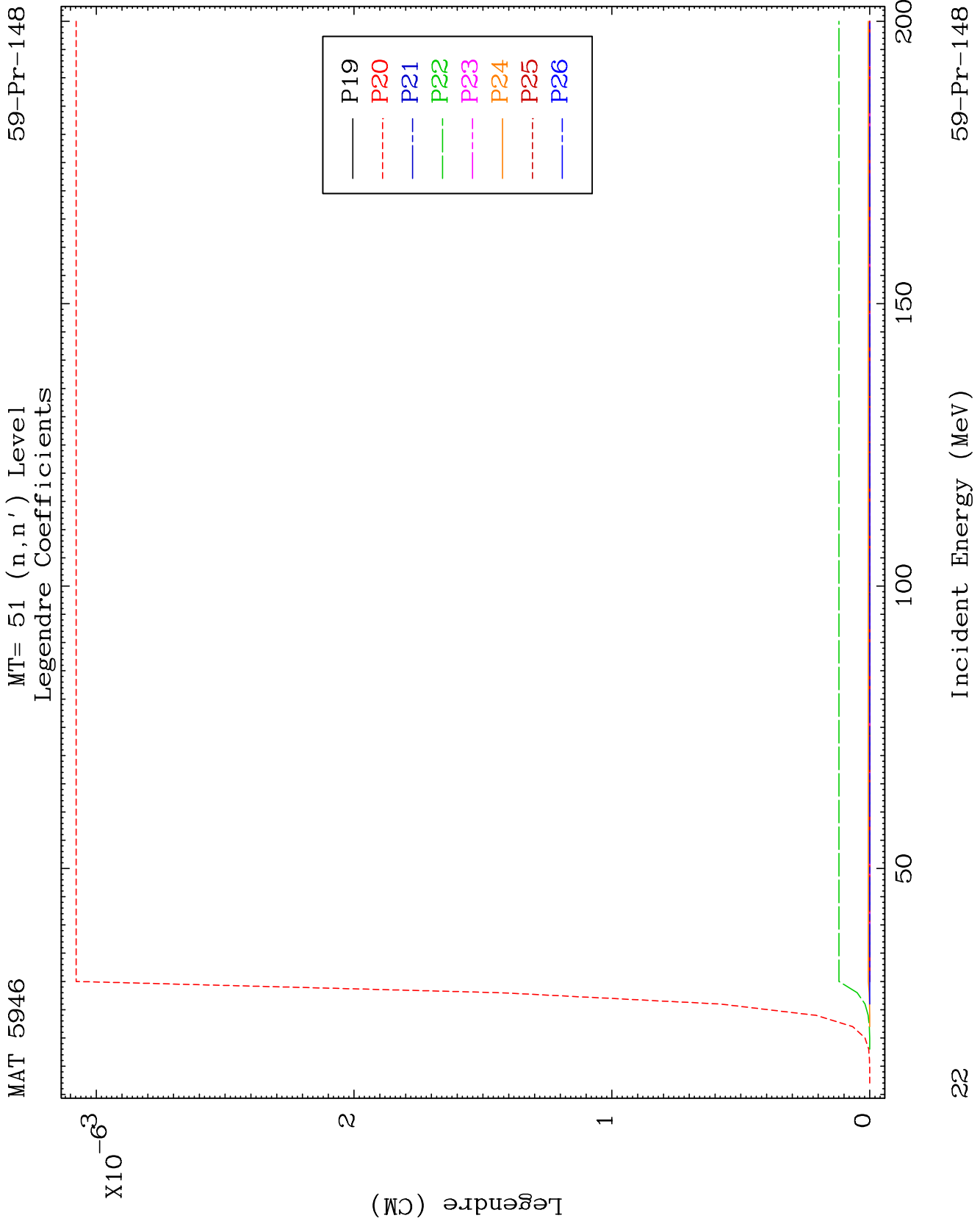
59-Pr-148



59-Pr-148

Incident Energy (MeV)

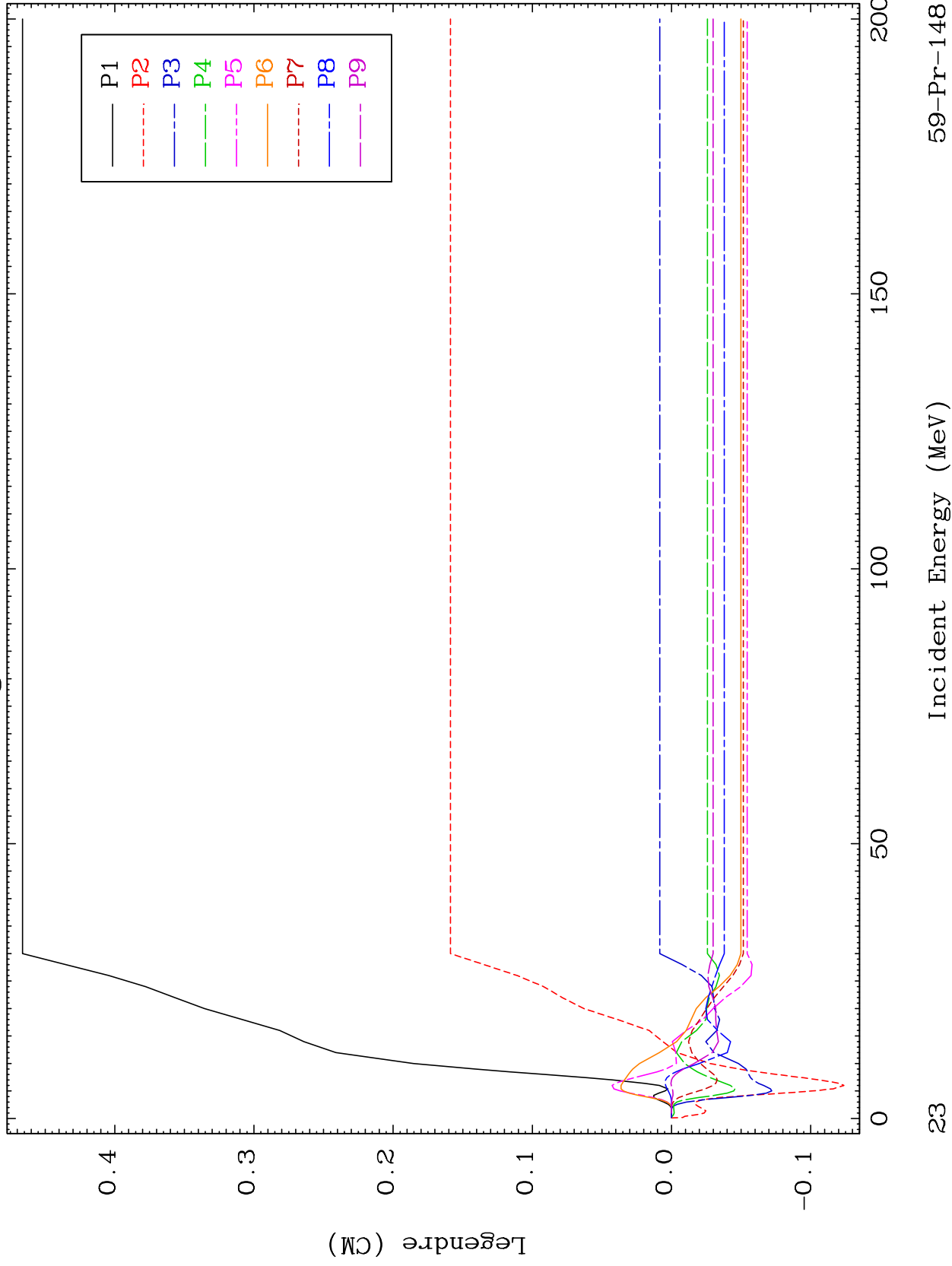
21



MAT 5946

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

59-Pr-148



59-Pr-148

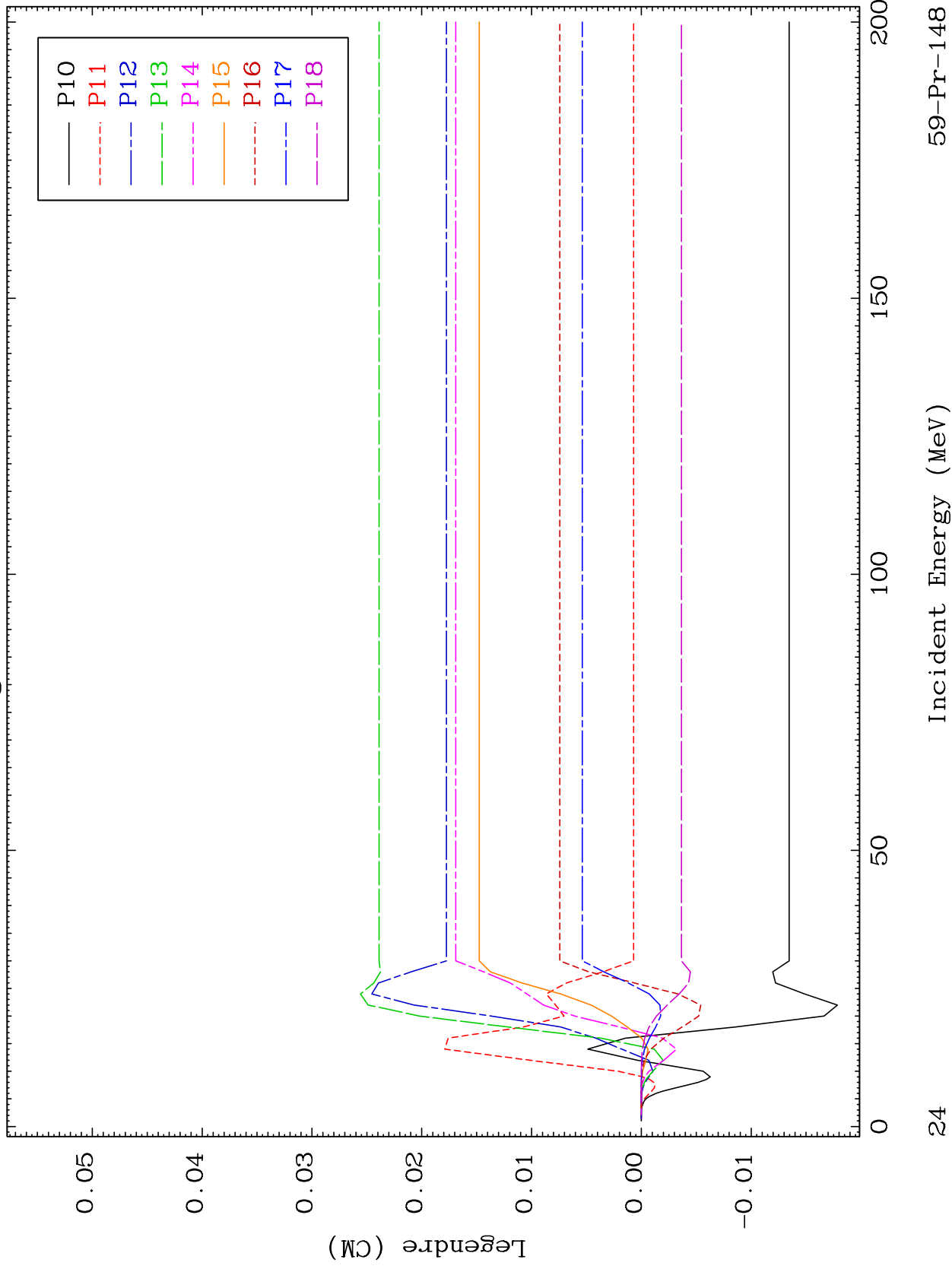
Incident Energy (MeV)

23

MAT 5946

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

59-Pr-148



24

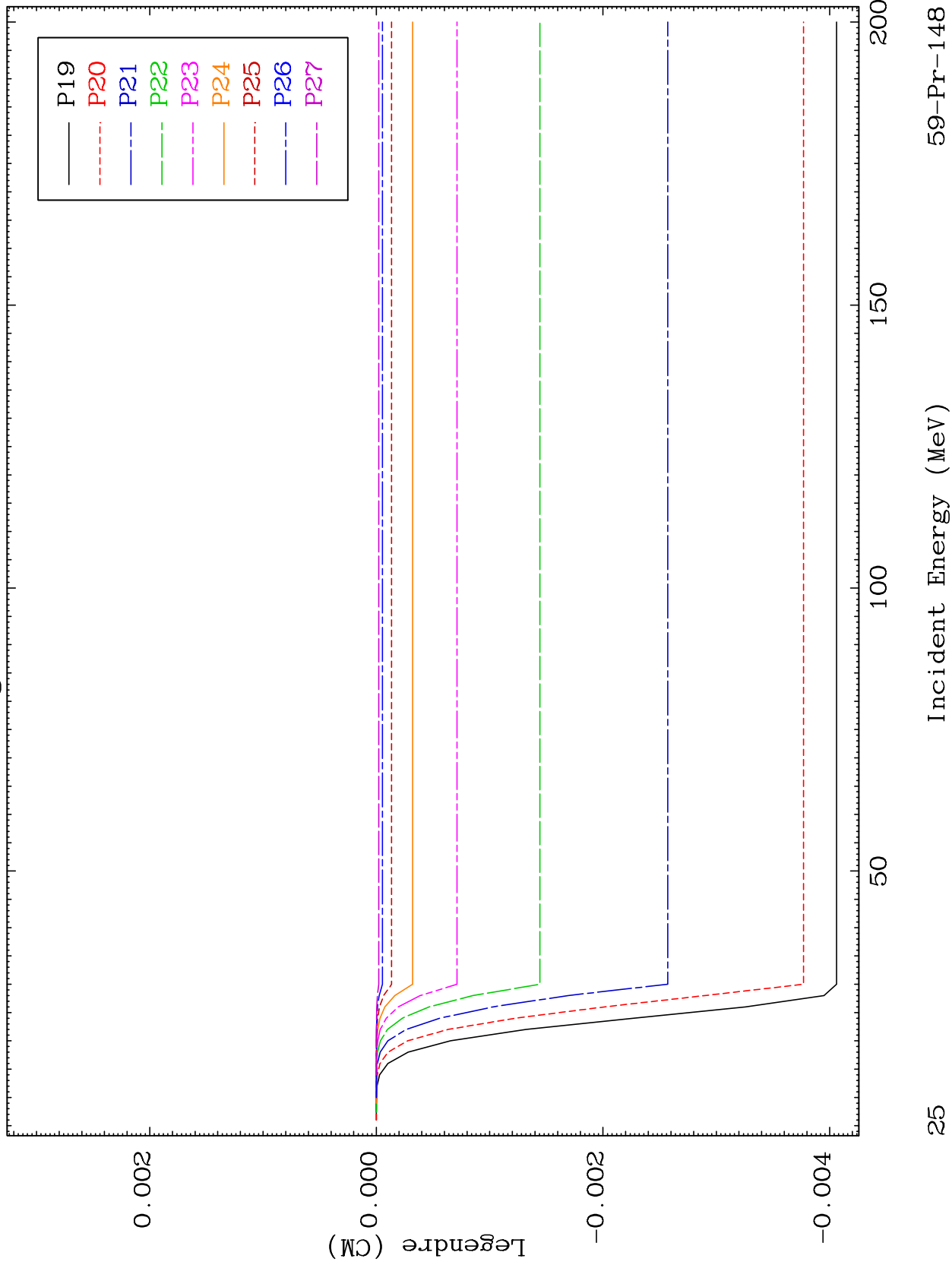
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



25

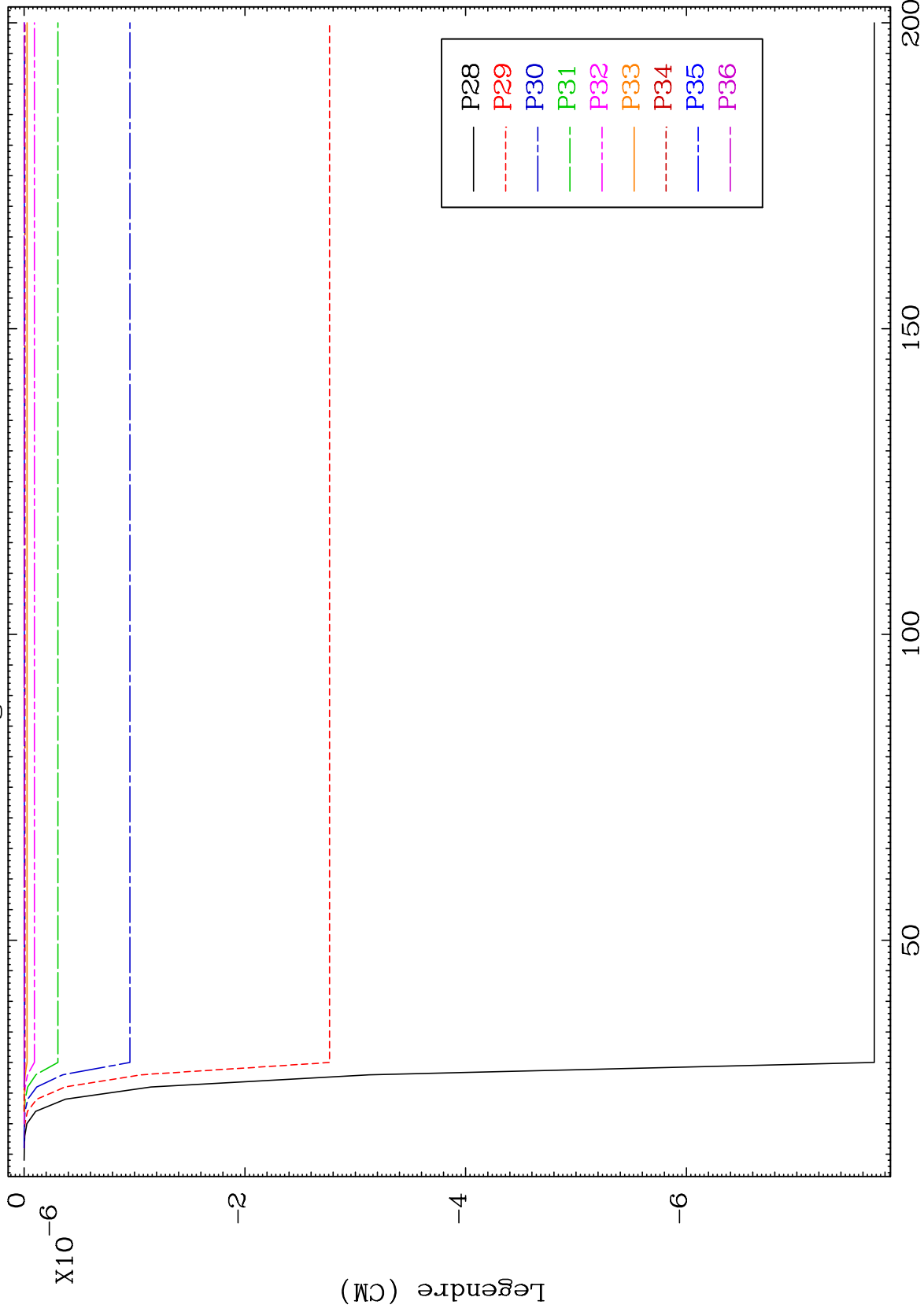
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



26

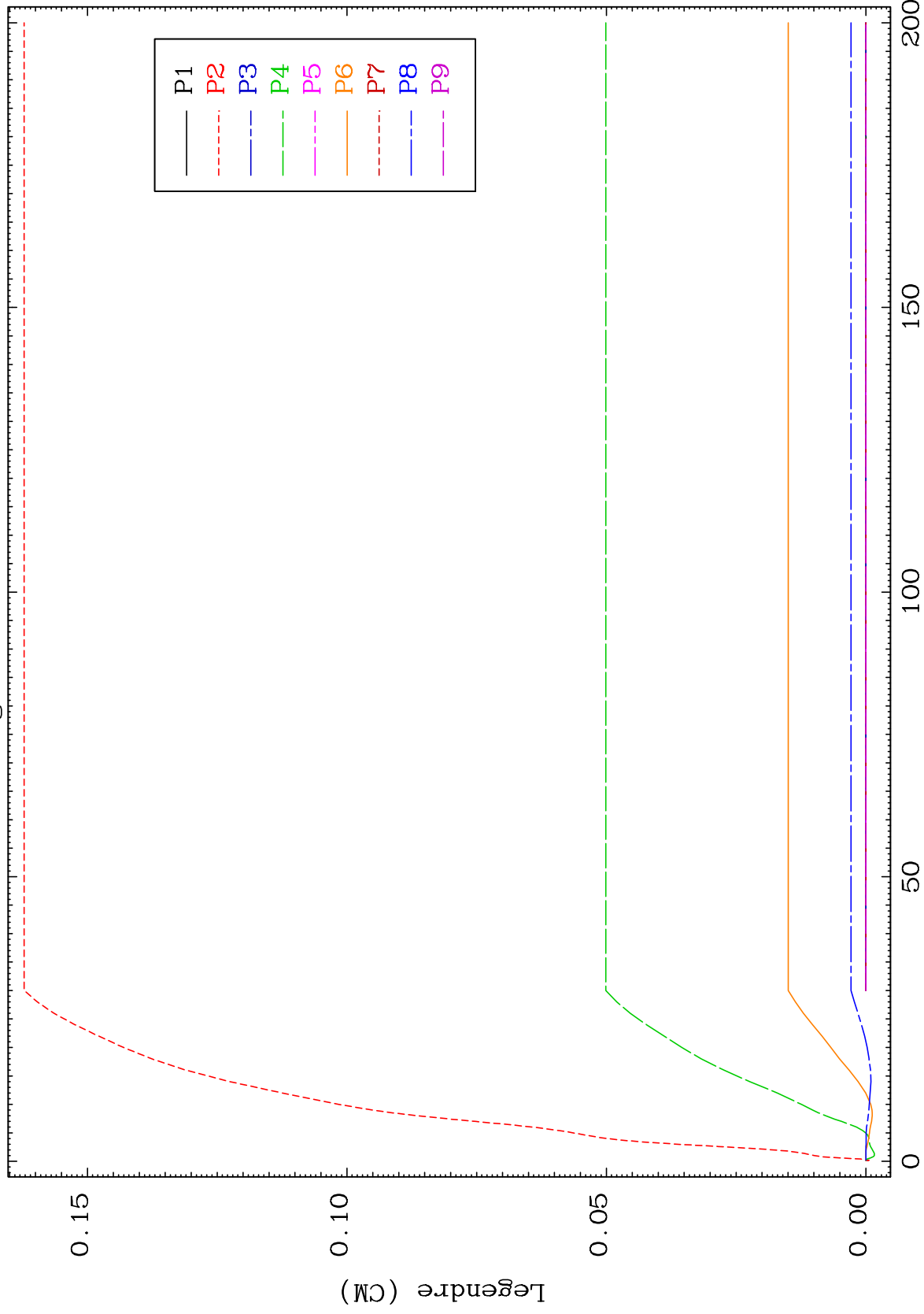
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



27

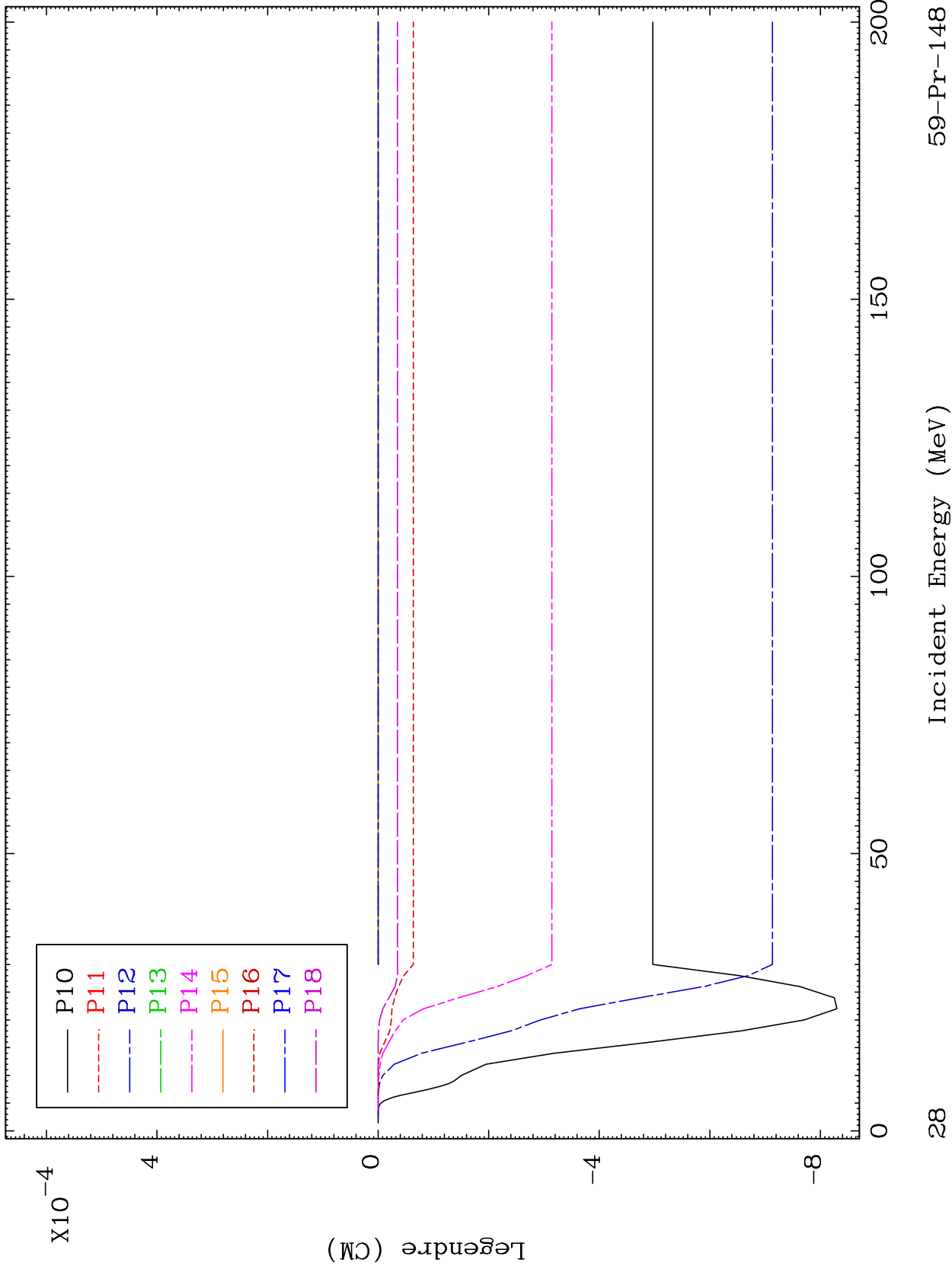
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



59-Pr-148

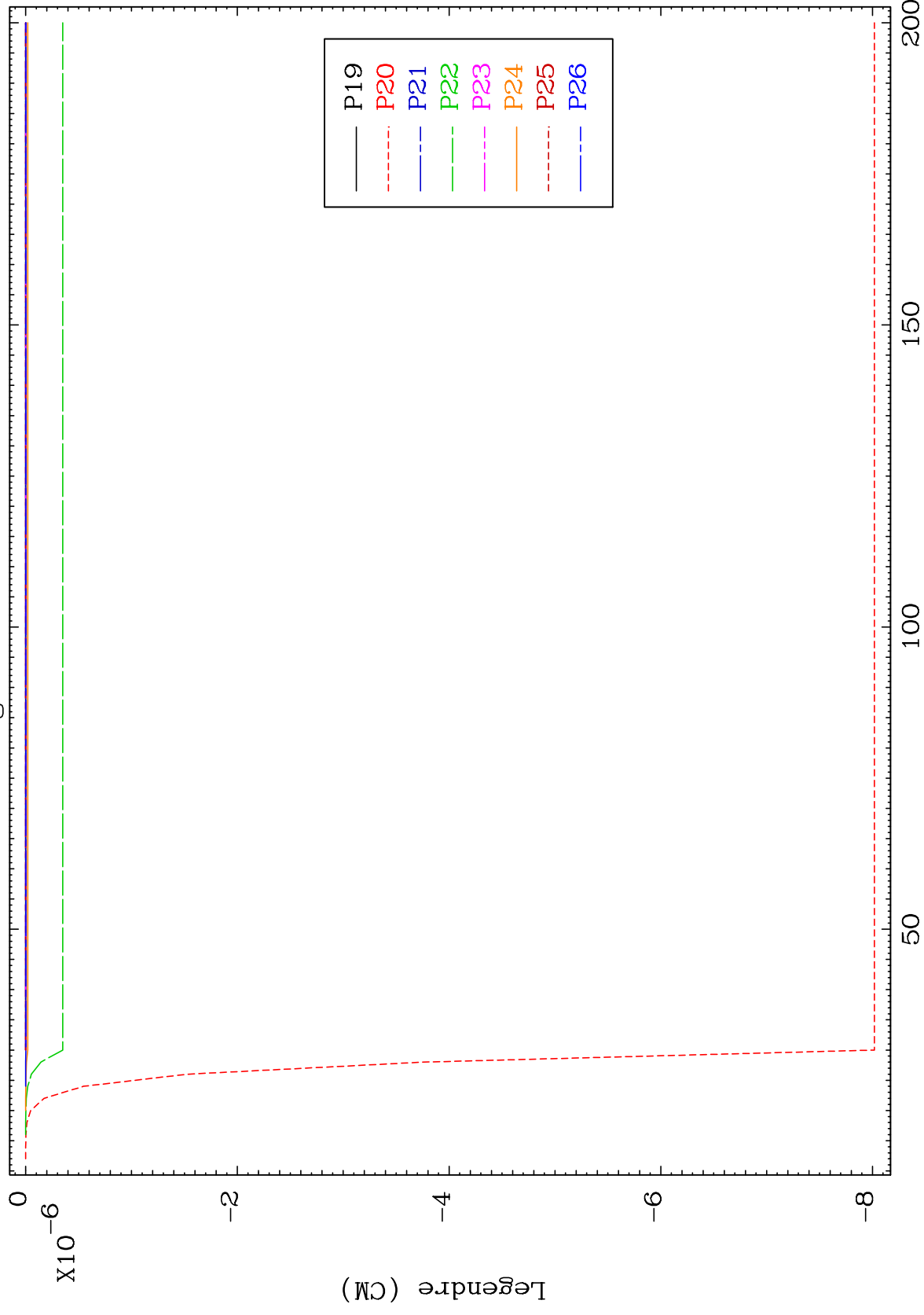
Incident Energy (MeV)

28

MAT 5946

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

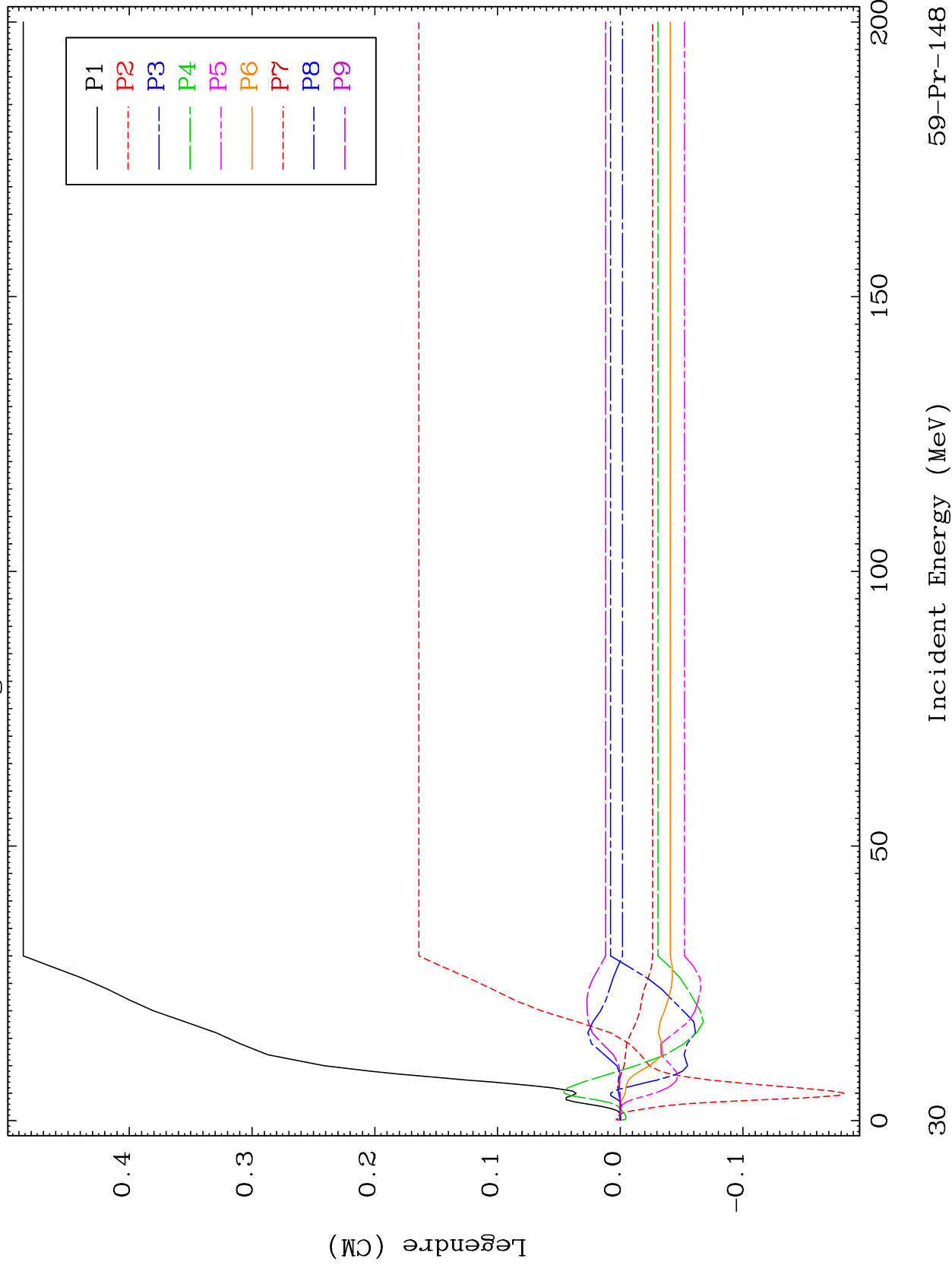
59-Pr-148



MAT 5946

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

59-Pr-148



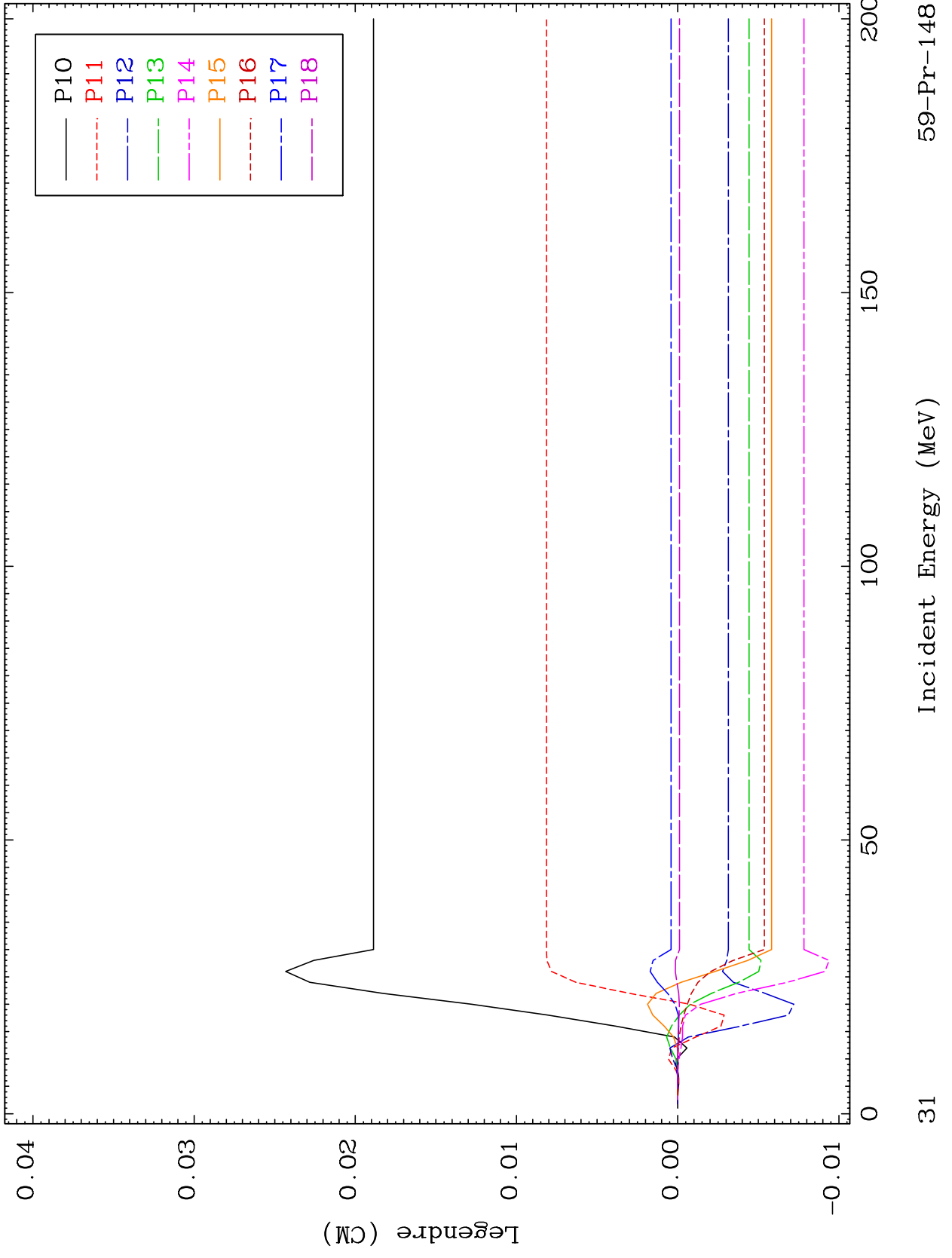
59-Pr-148

Incident Energy (MeV)

MAT 5946

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

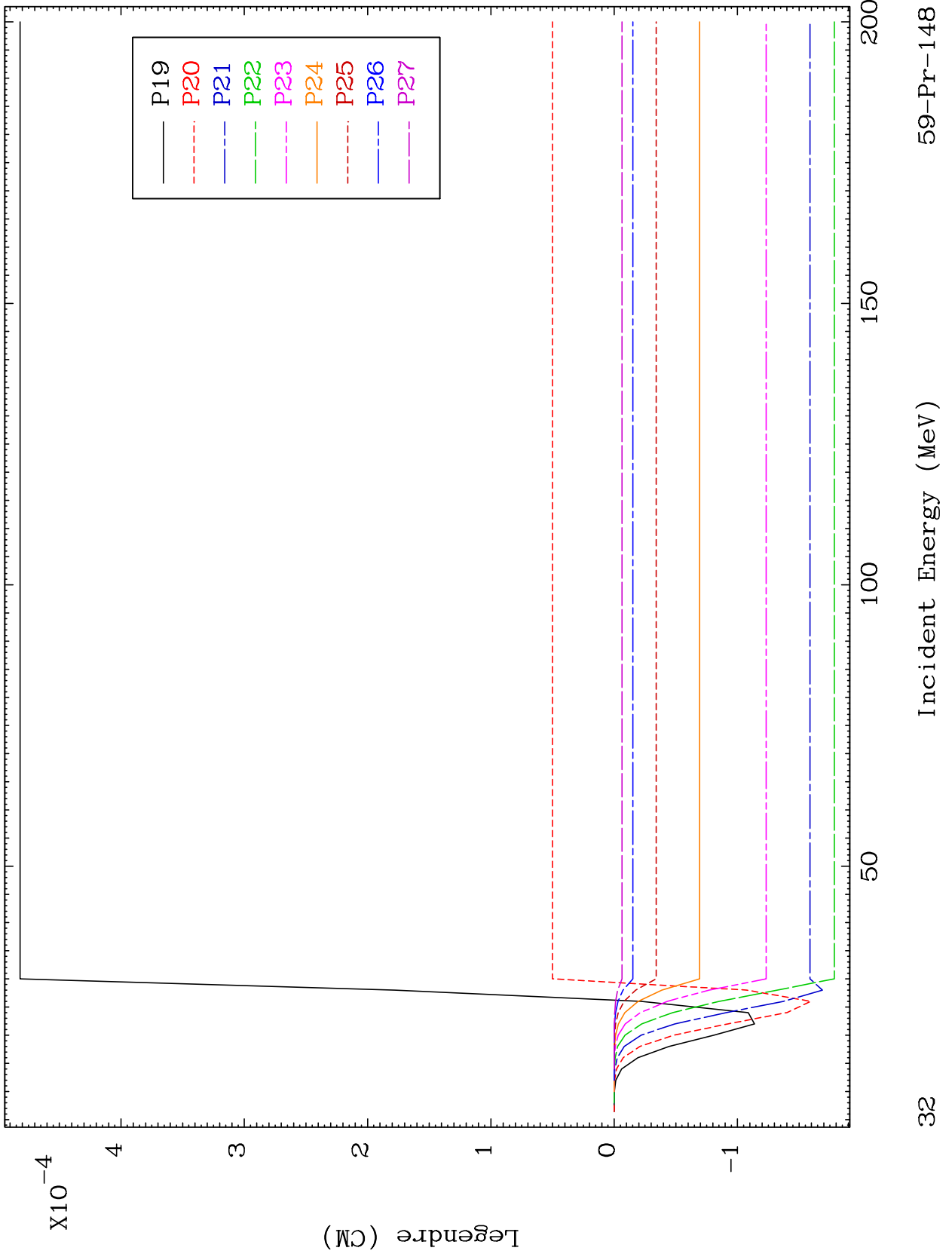
59-Pr-148

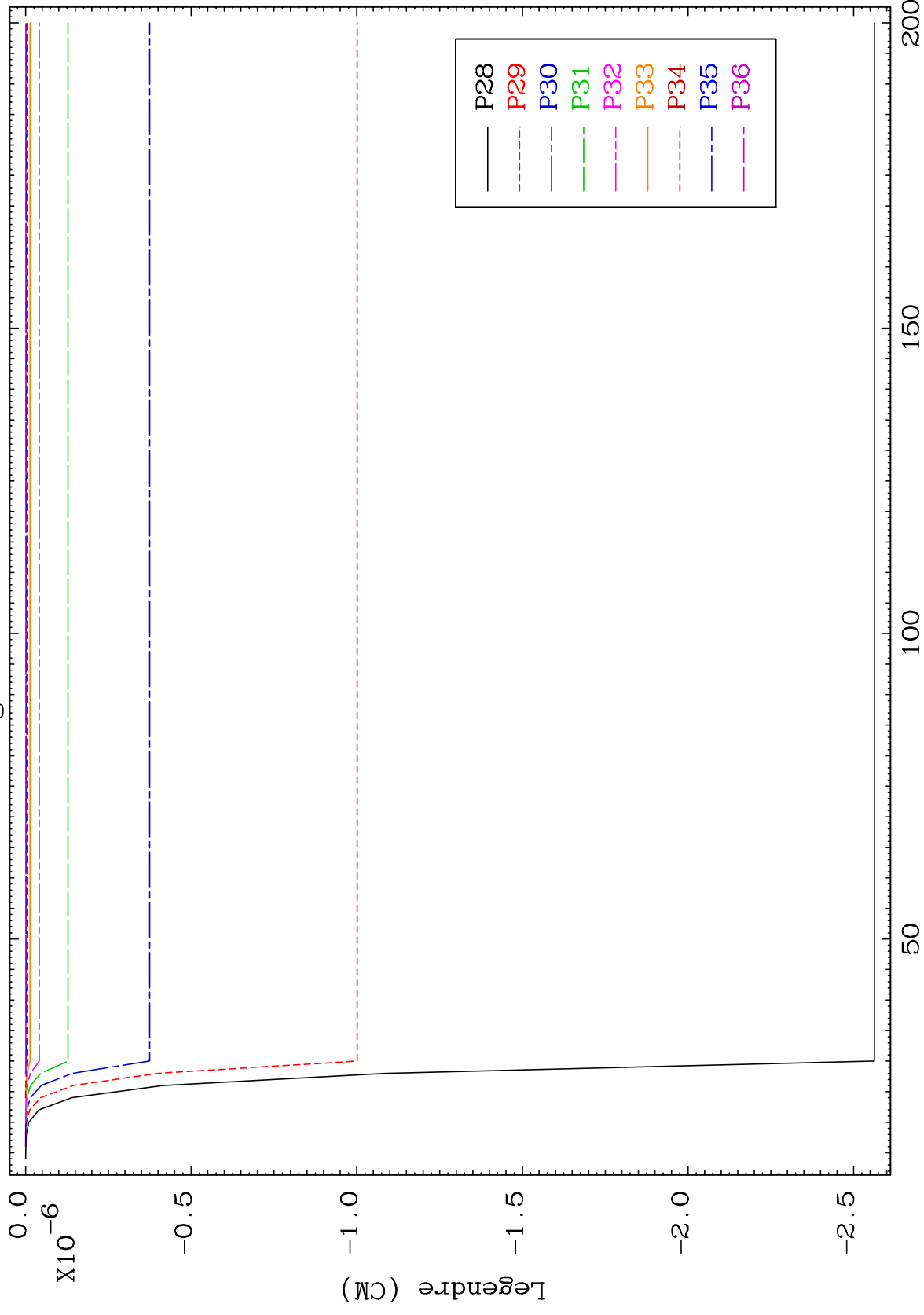


31

Incident Energy (MeV)

59-Pr-148

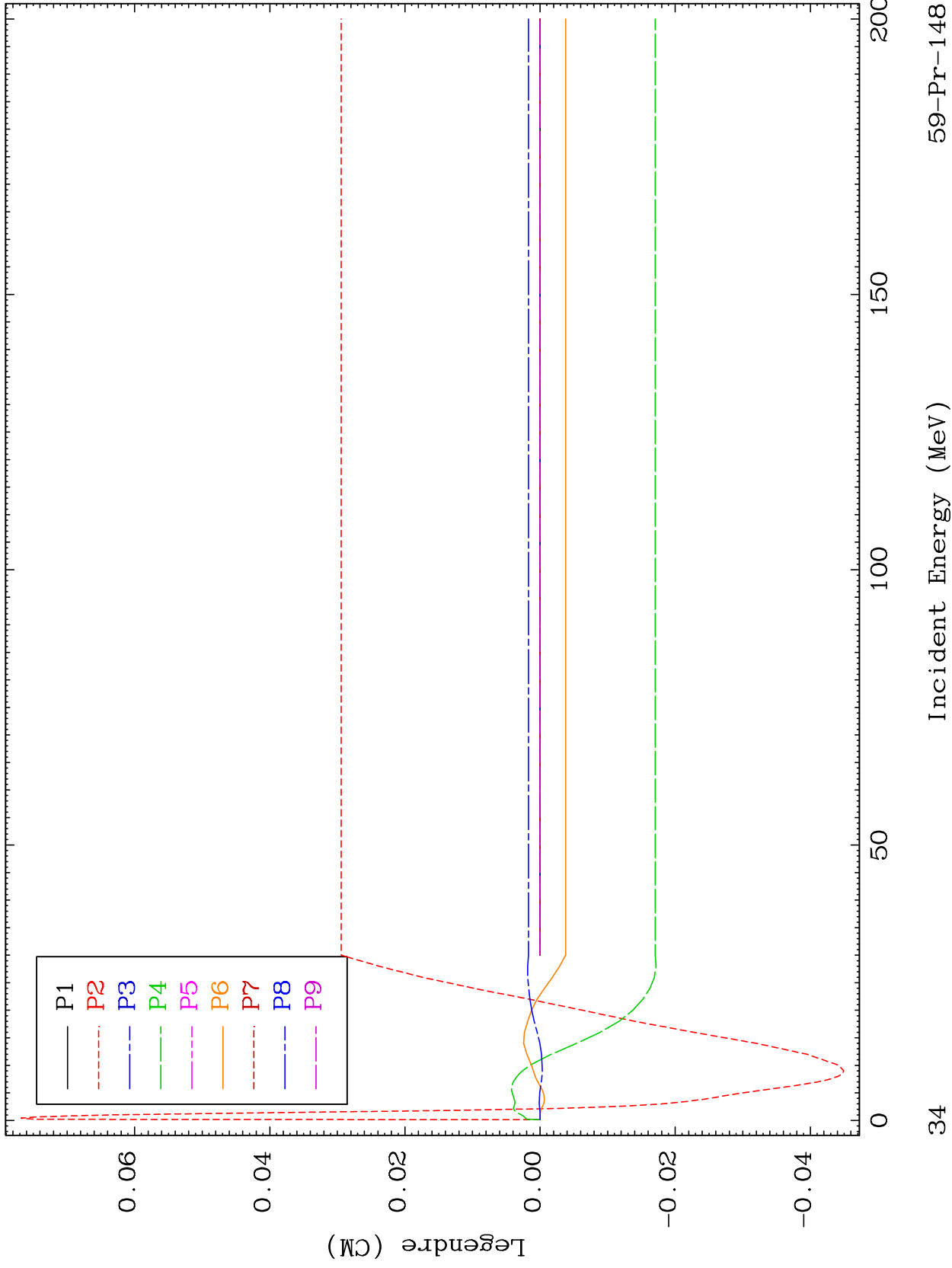




MAT 5946

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

59-Pr-148



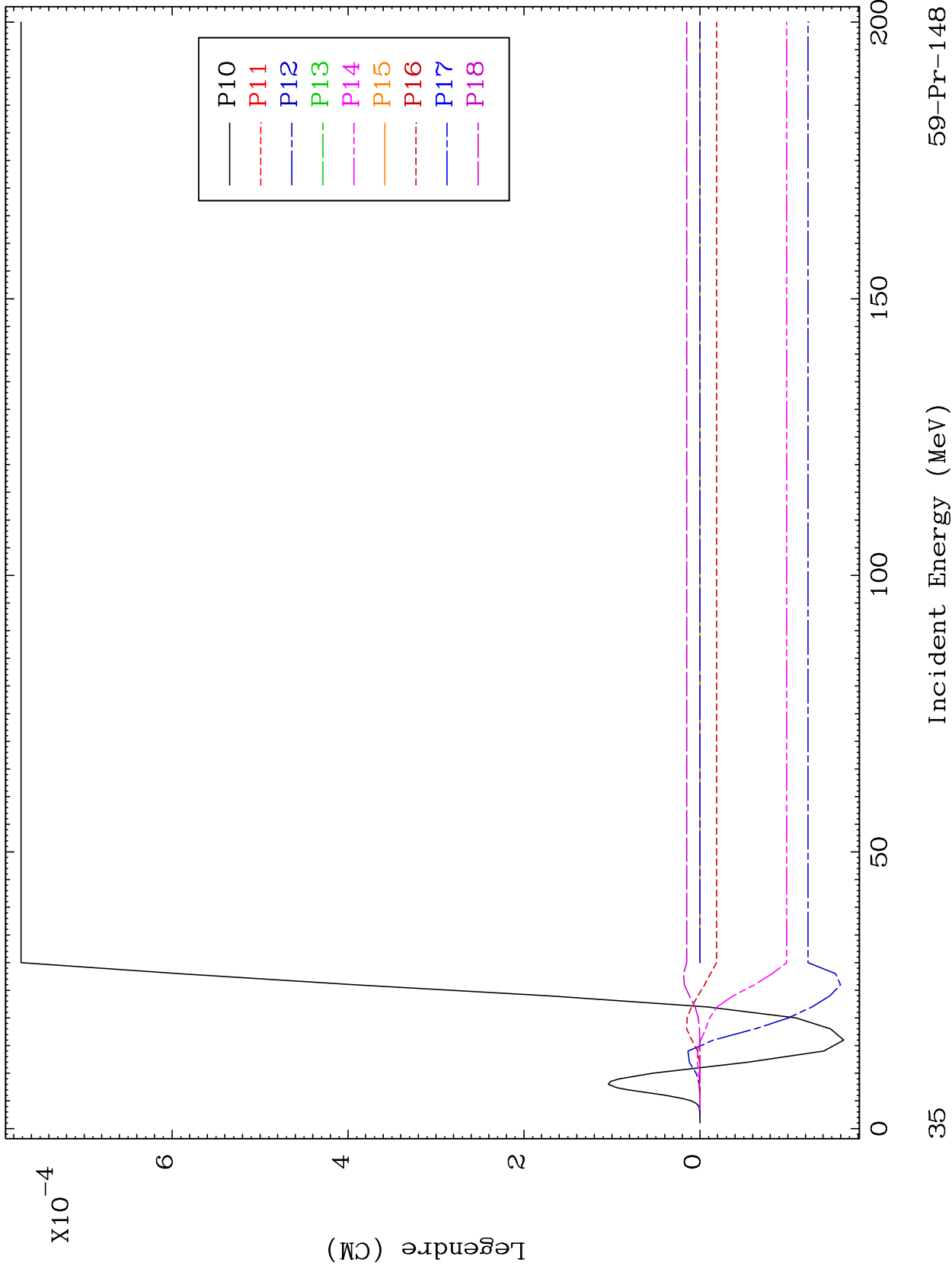
34

59-Pr-148

MAT 5946

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

59-Pr-148



59-Pr-148

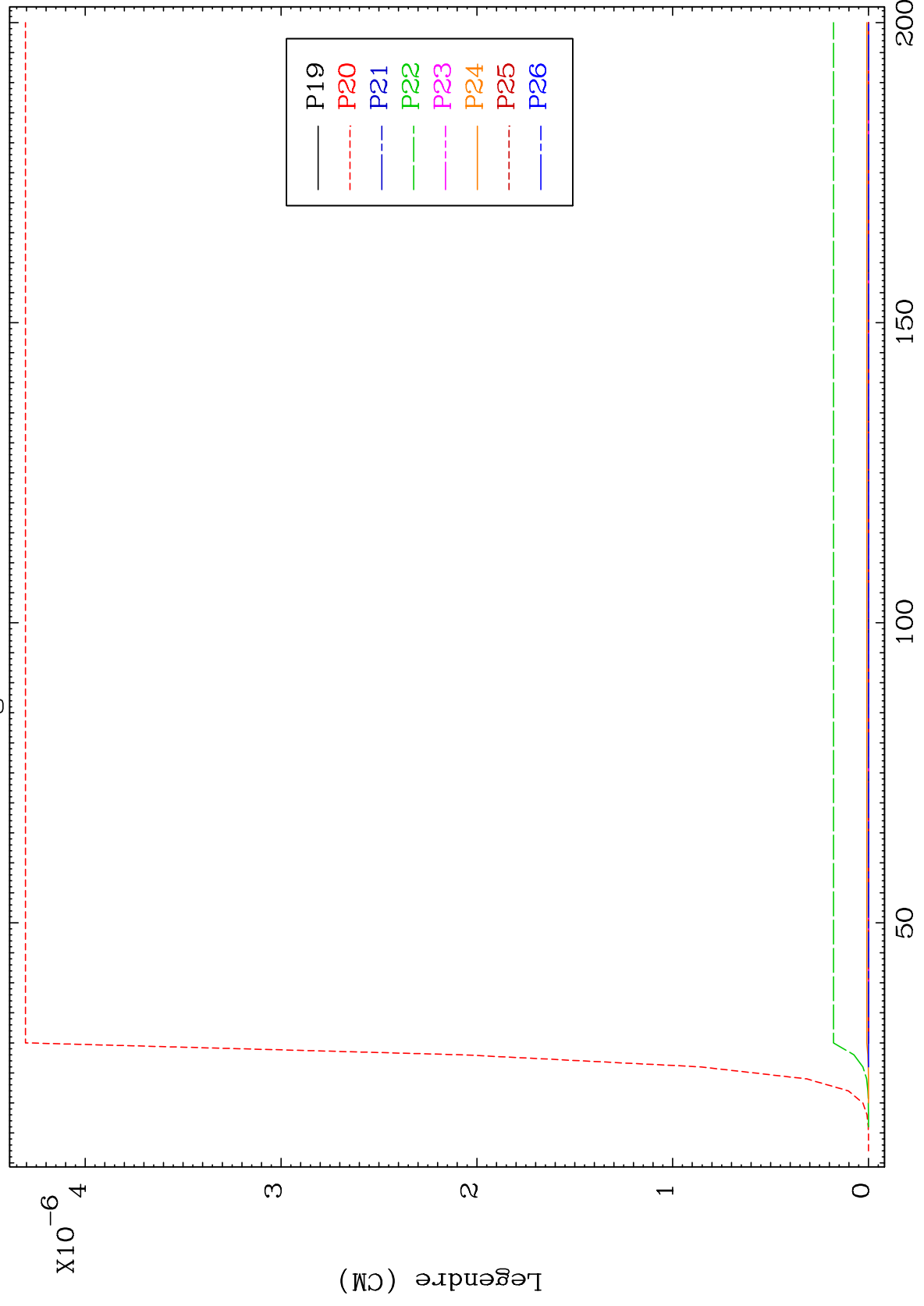
Incident Energy (MeV)

35

MAT 5946

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

59-Pr-148



59-Pr-148

Incident Energy (MeV)

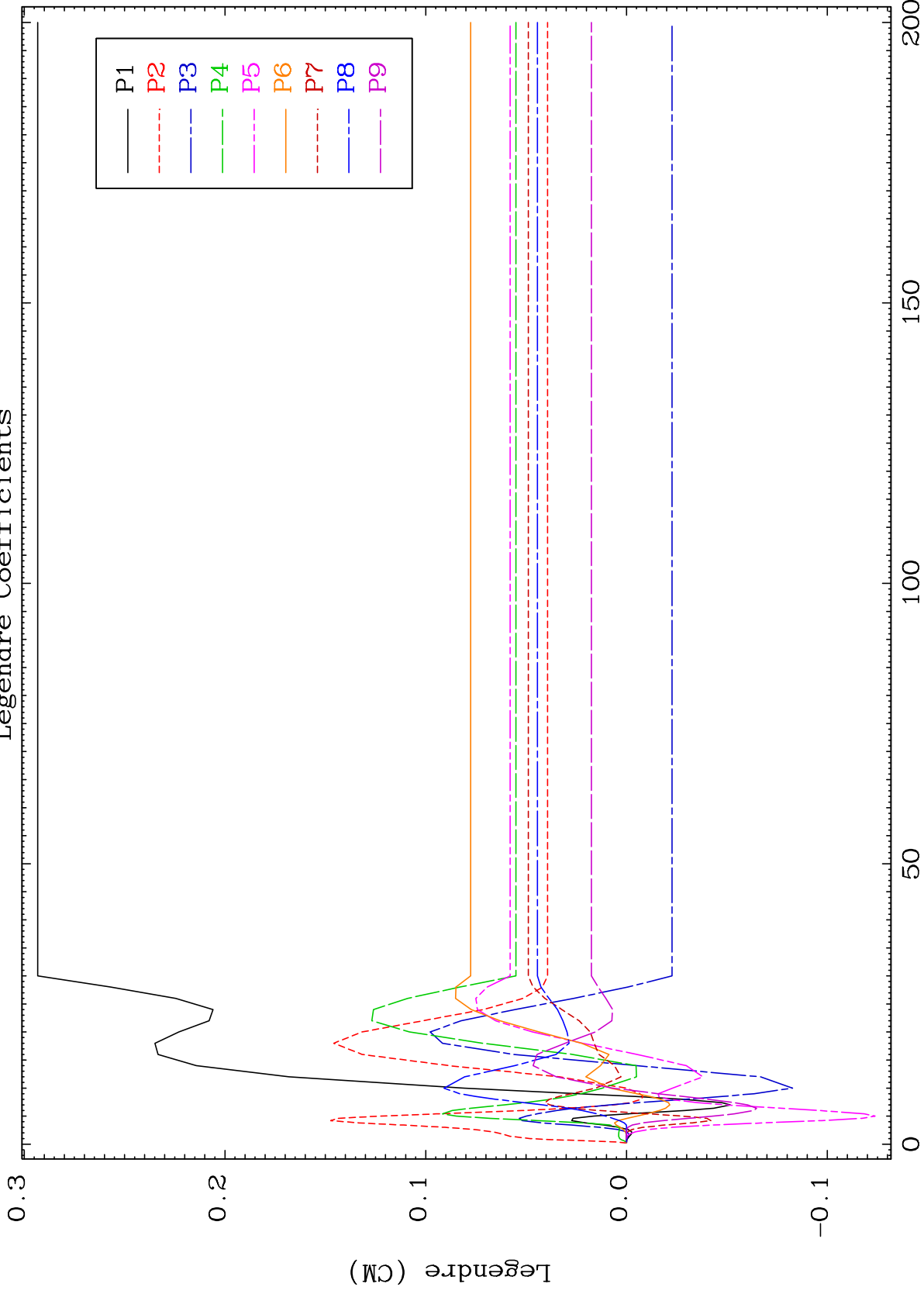
36

MAT 5946

MT= 56 (n,n') Level

59-Pr-148

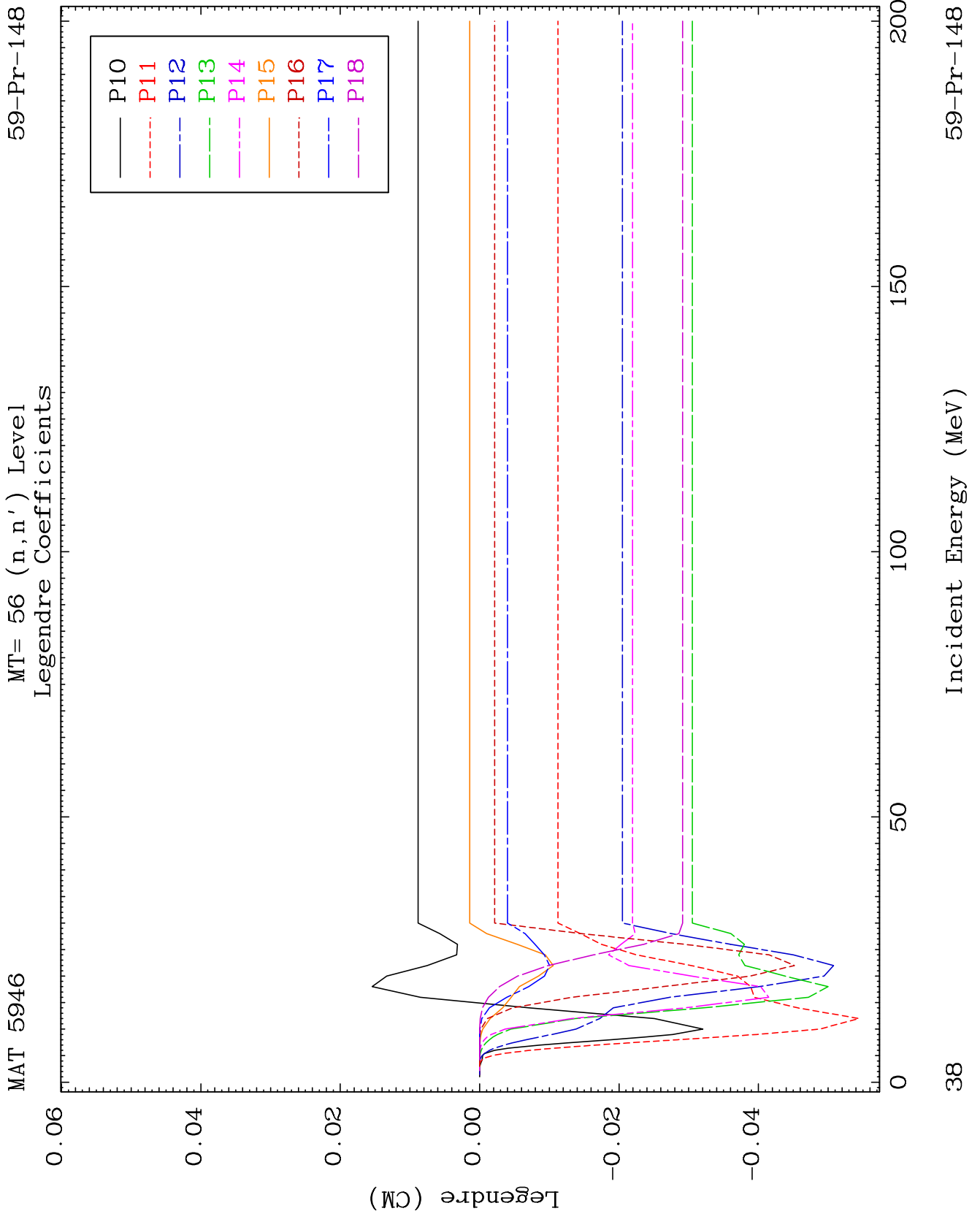
Legendre Coefficients

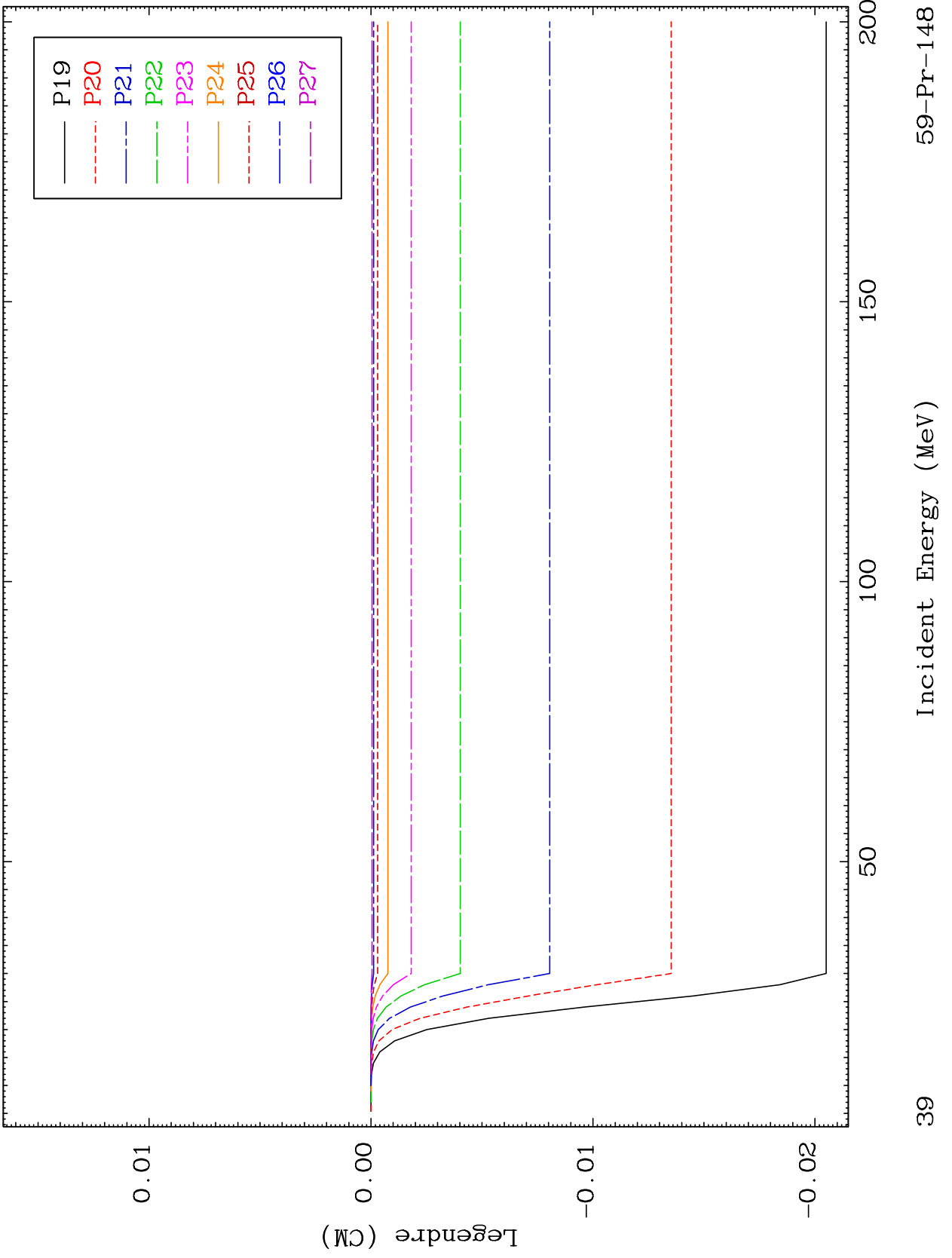


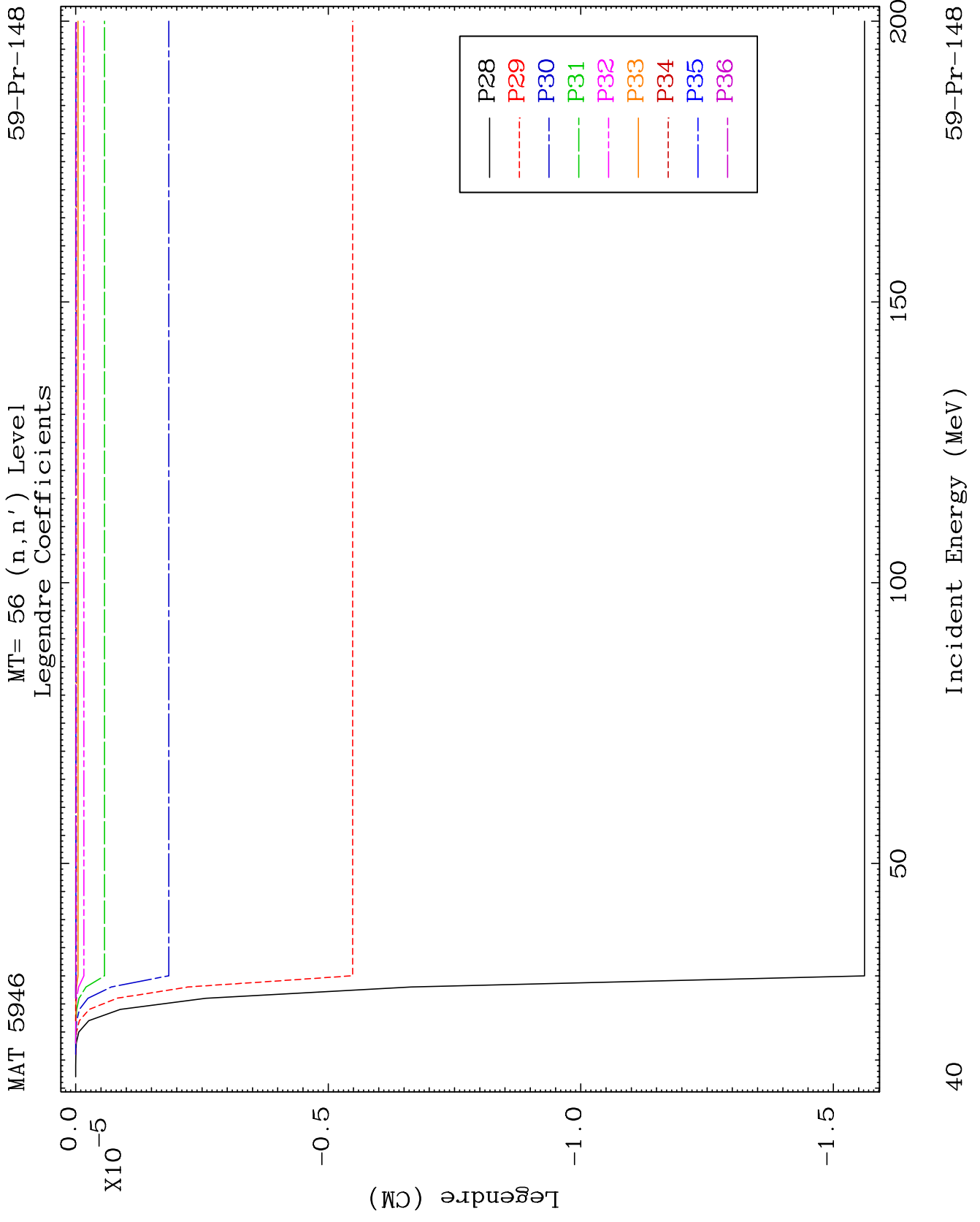
37

Incident Energy (MeV)

59-Pr-148



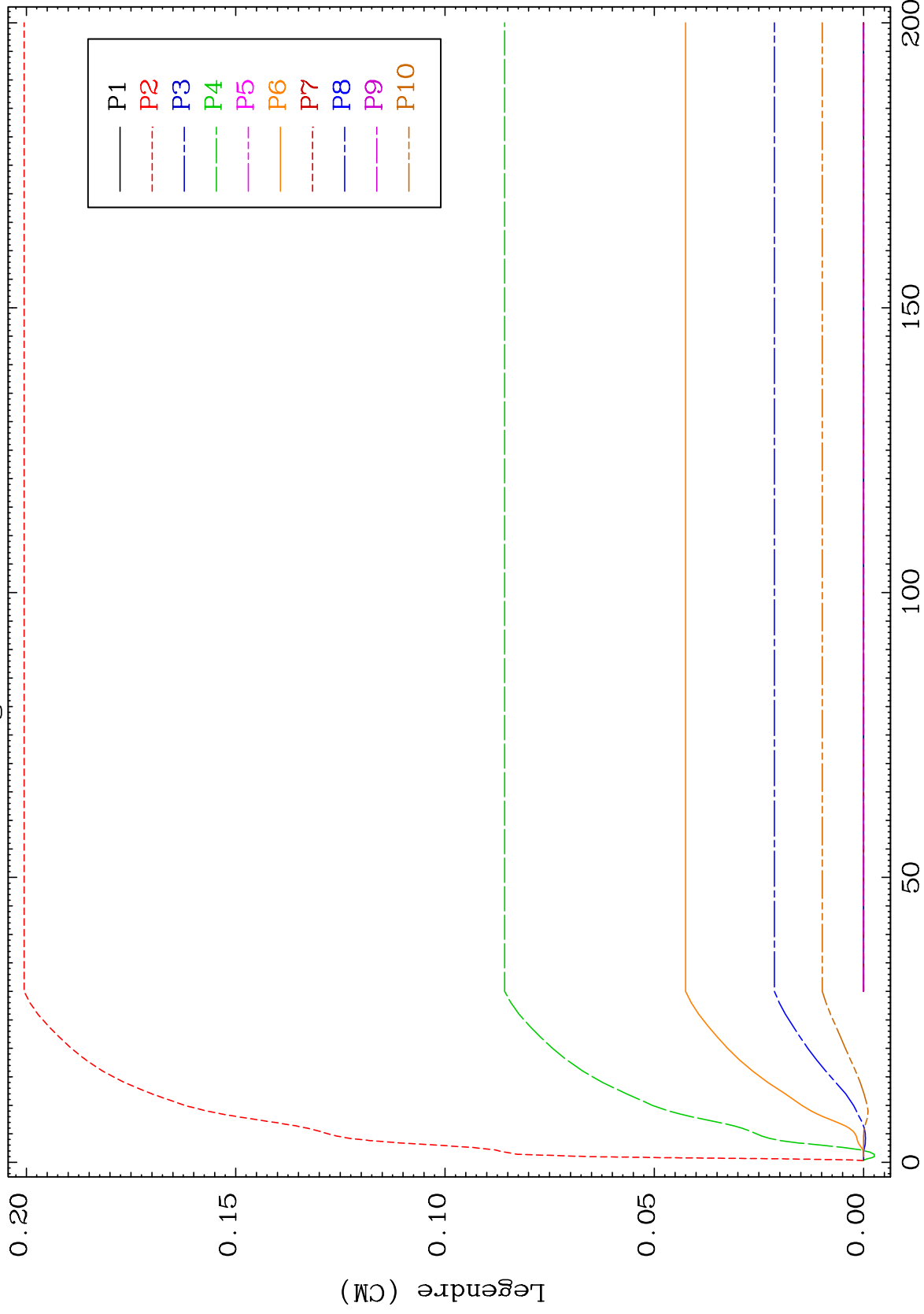




MAT 5946

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

59-Pr-148



41

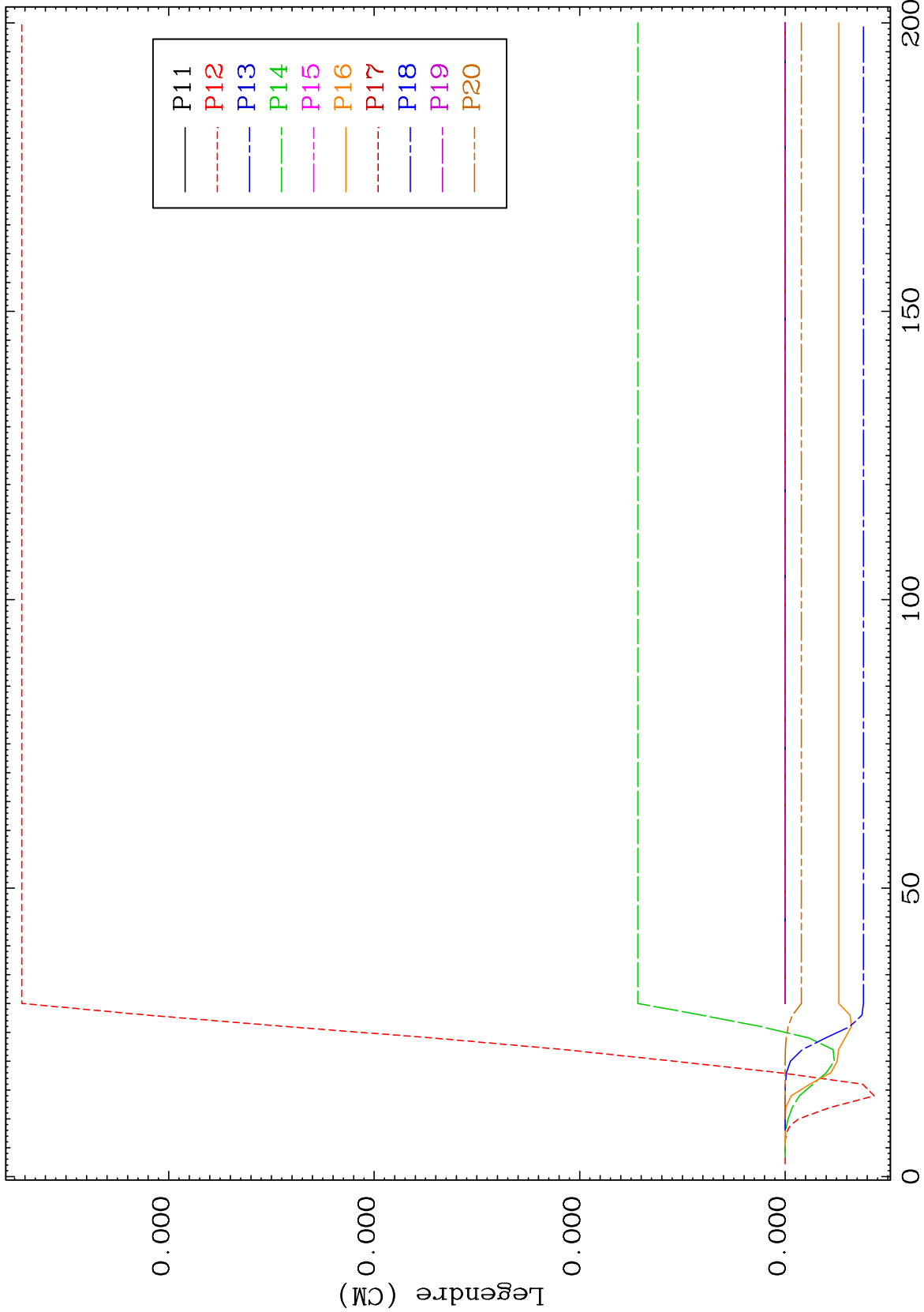
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

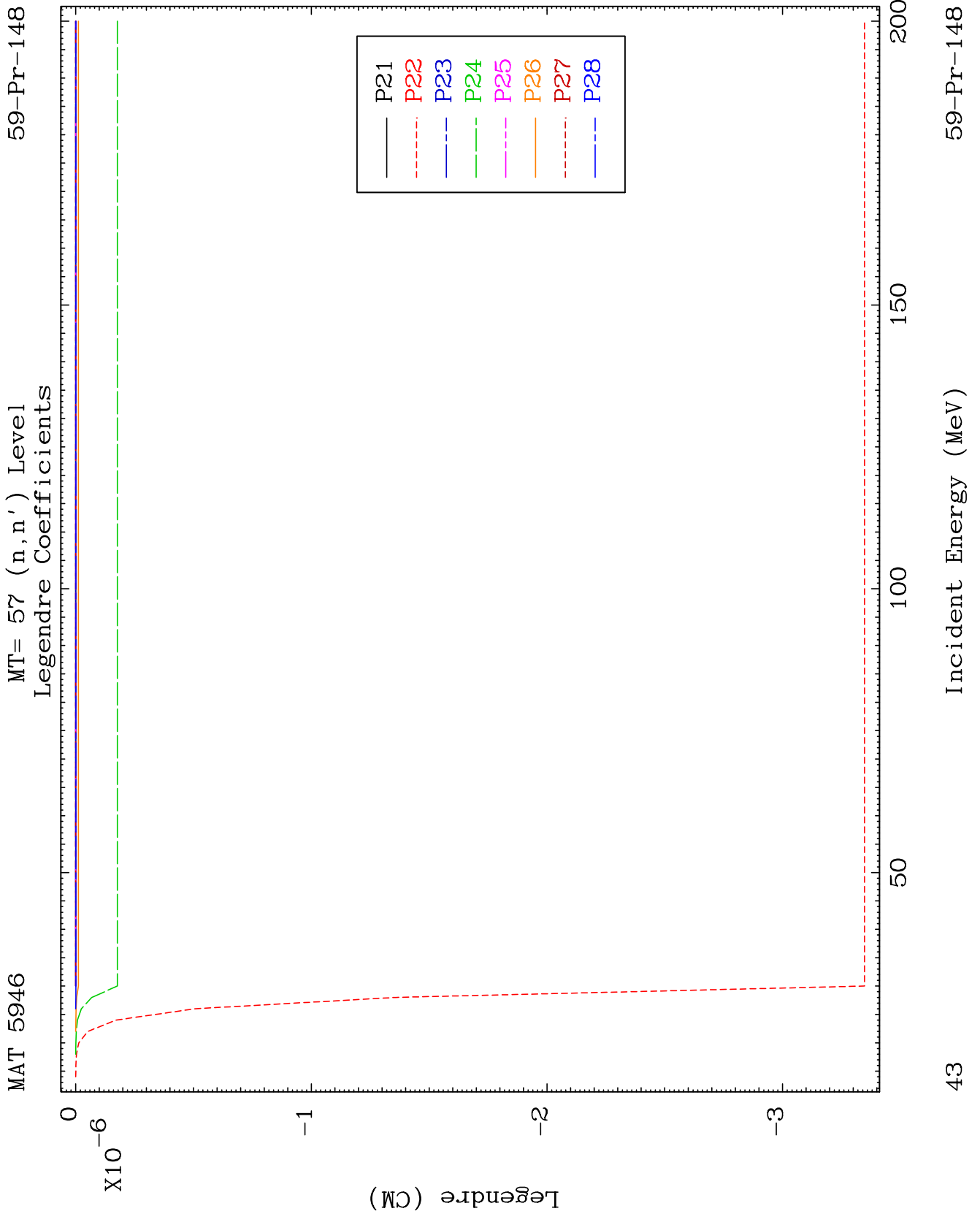
59-Pr-148



42

Incident Energy (MeV)

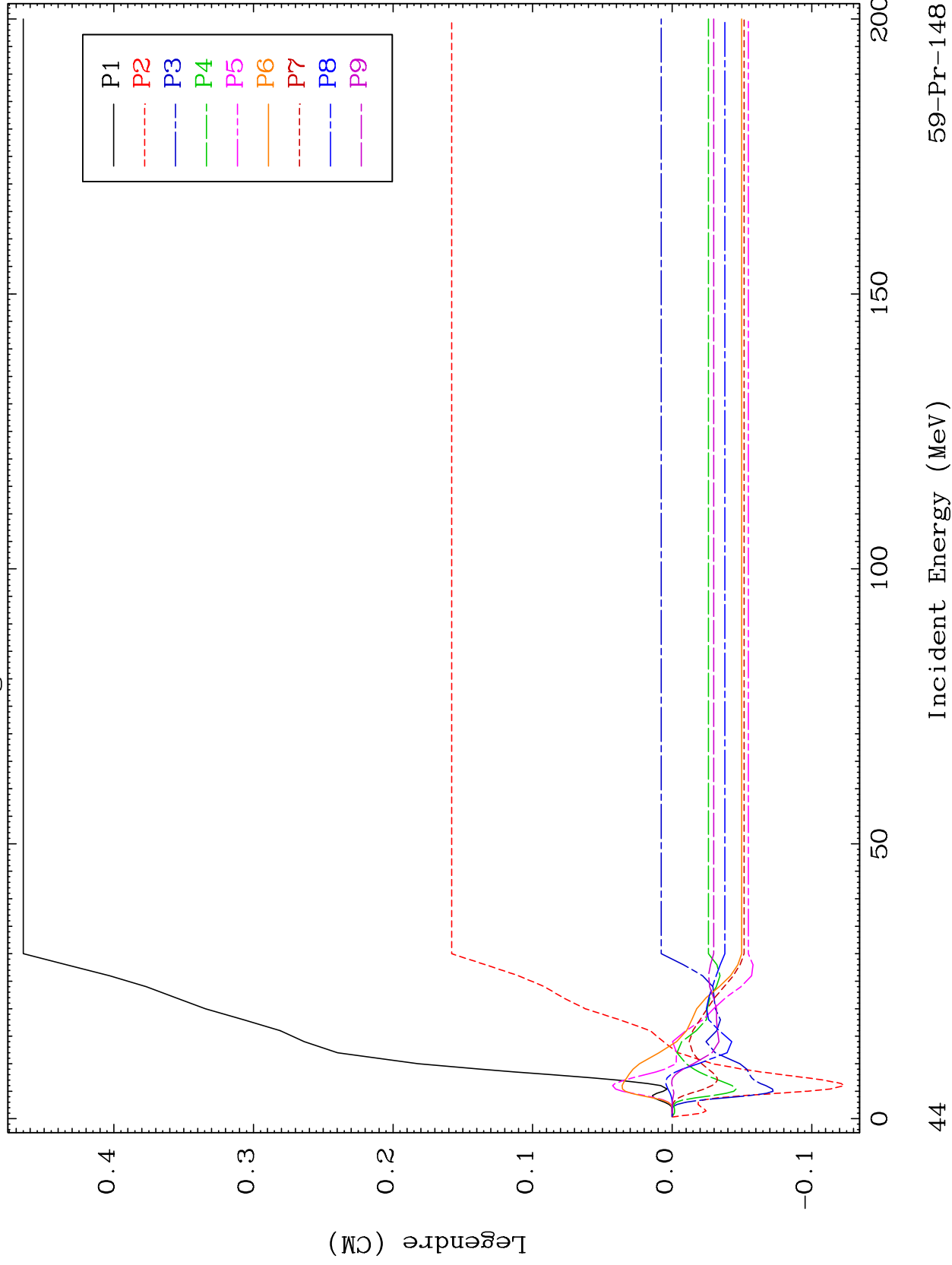
59-Pr-148



MAT 5946

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

59-Pr-148



59-Pr-148

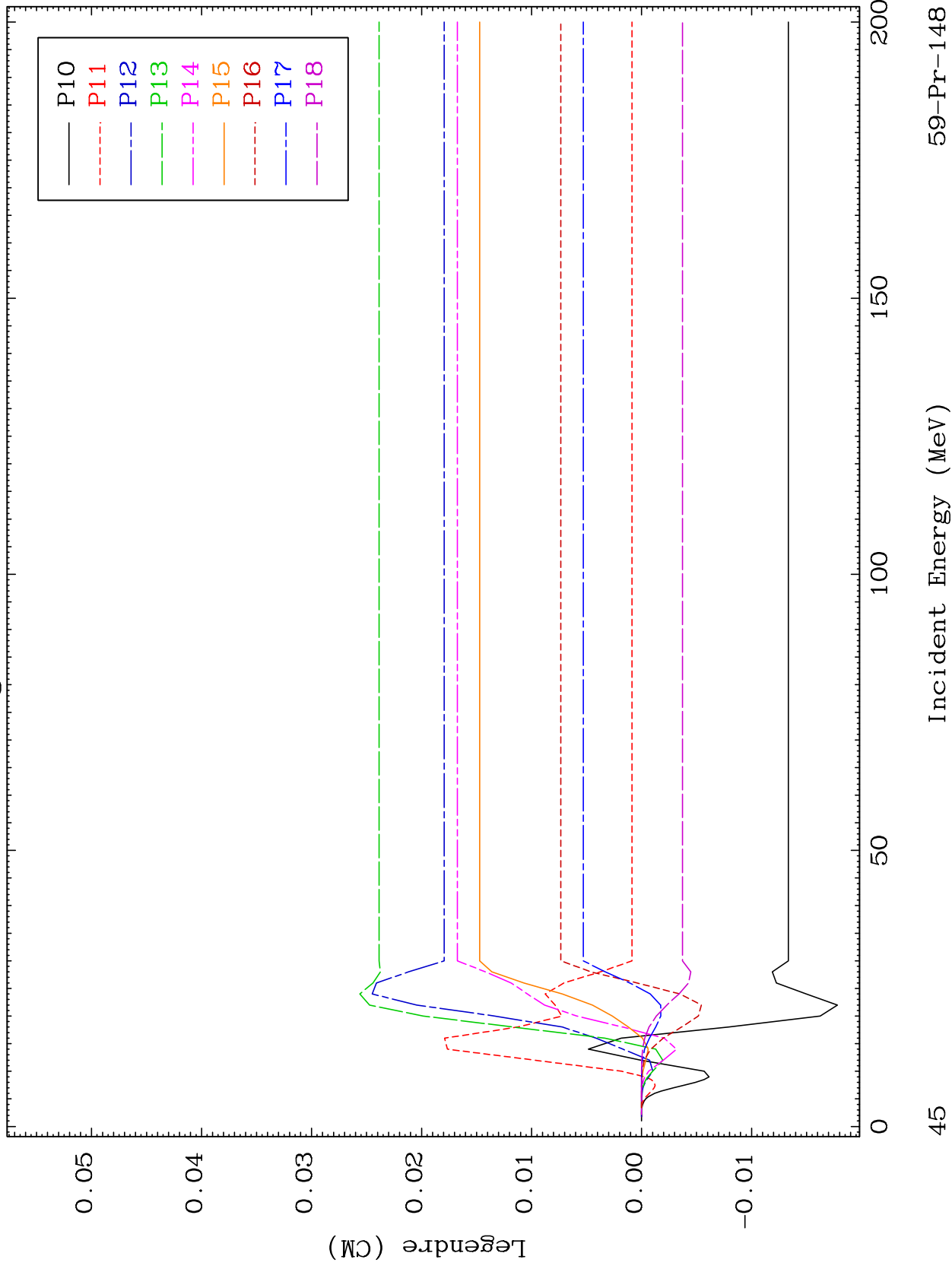
Incident Energy (MeV)

44

MAT 5946

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

59-Pr-148



59-Pr-148

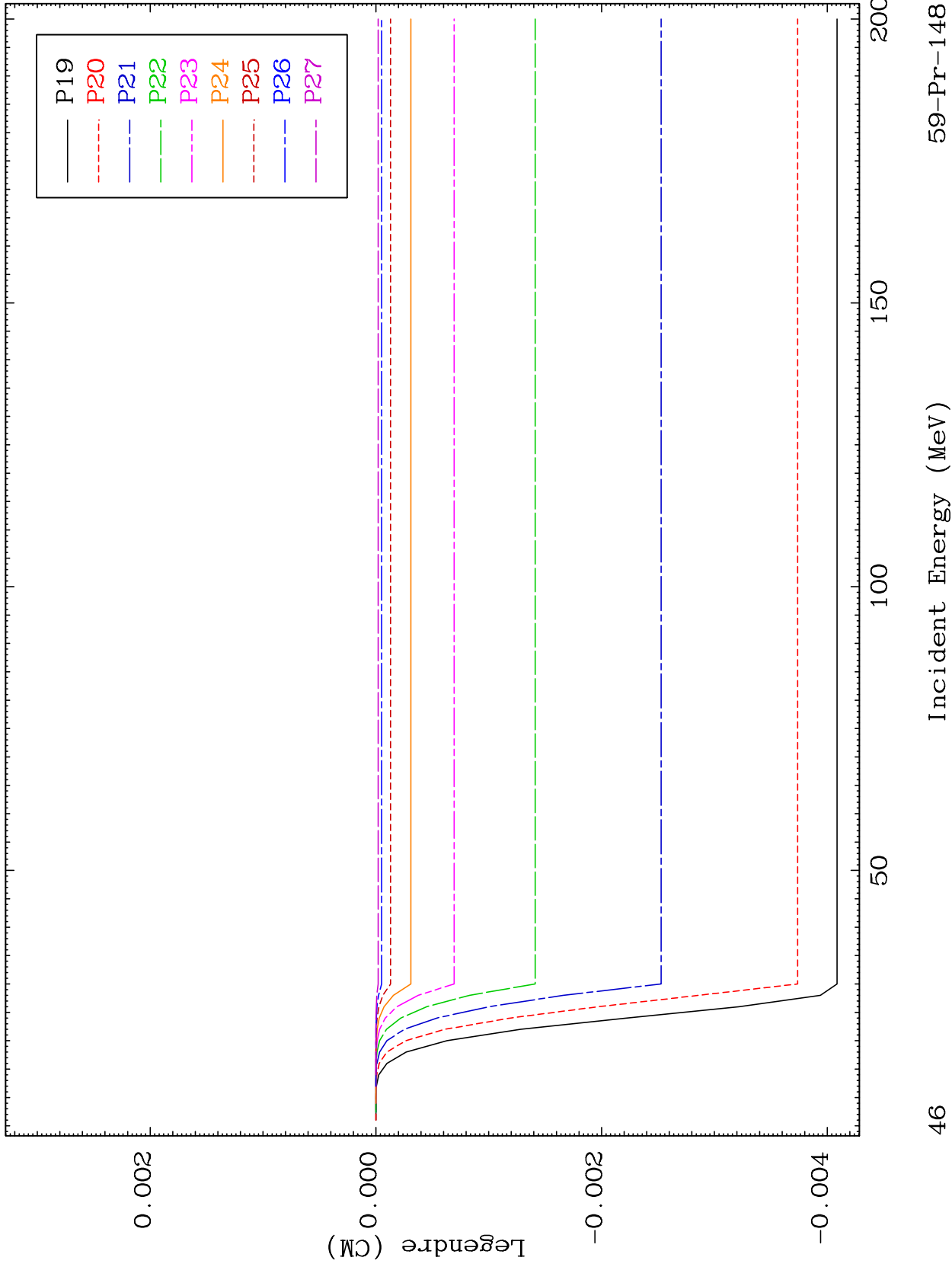
Incident Energy (MeV)

45

MAT 5946

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

59-Pr-148



46

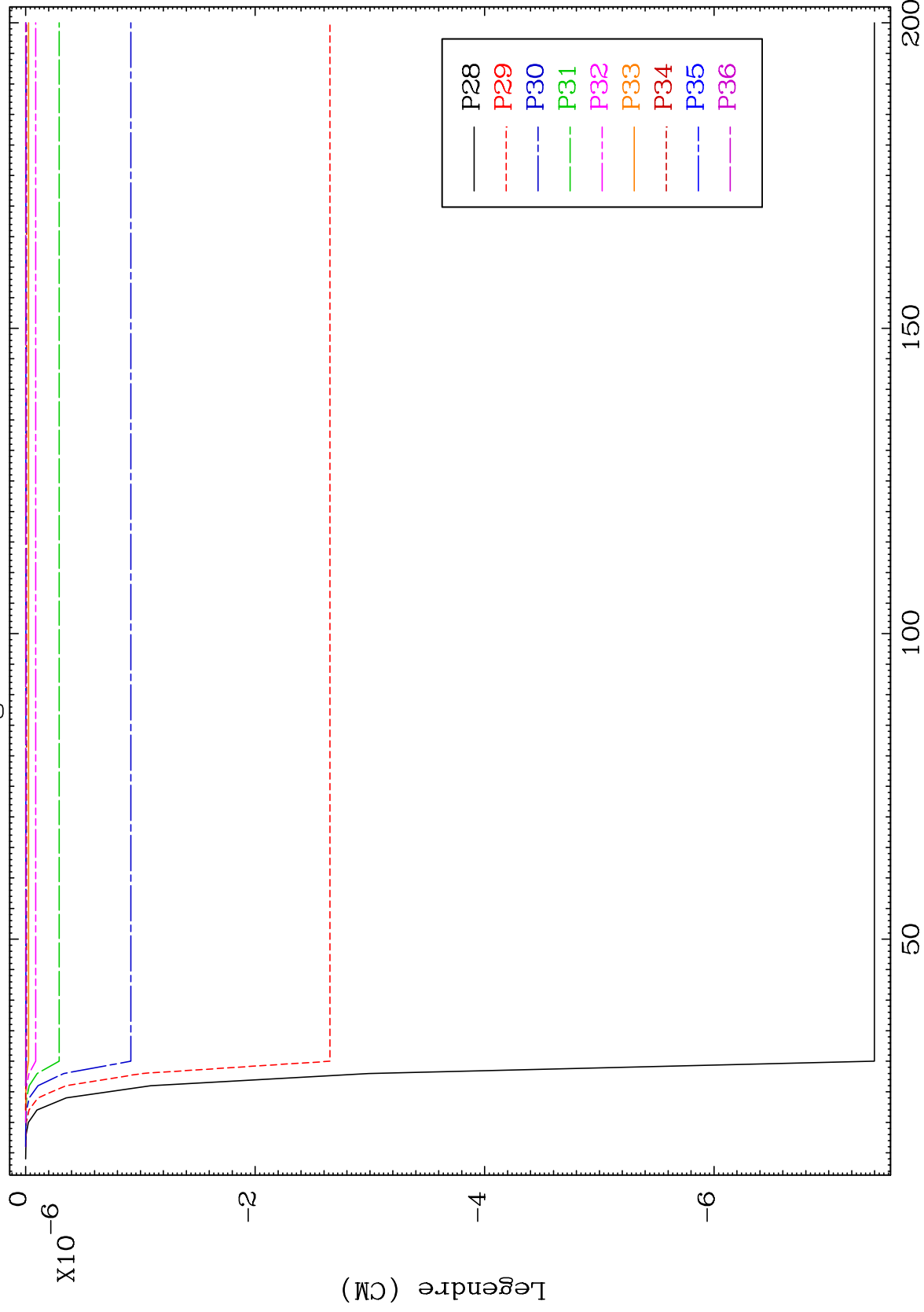
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

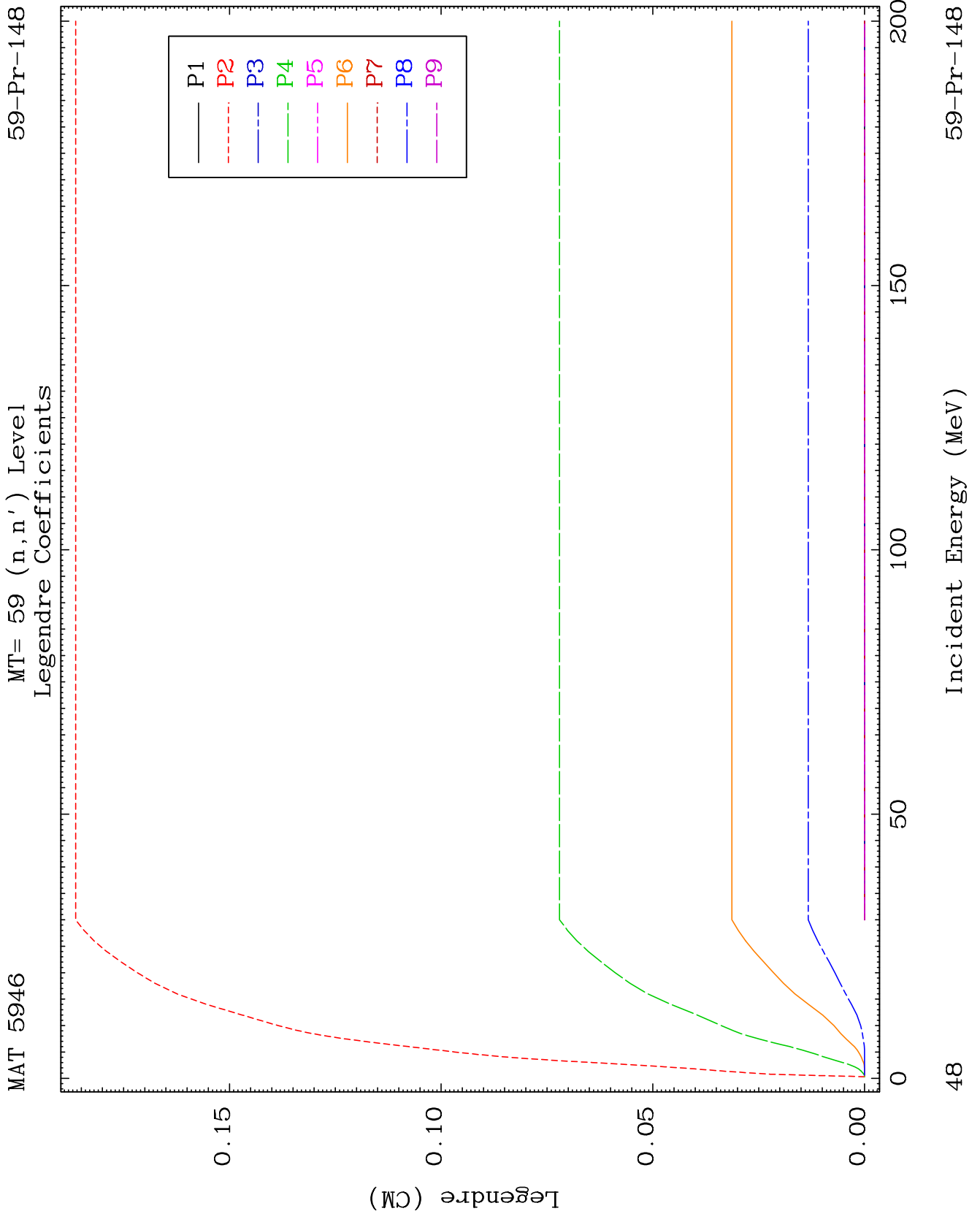
59-Pr-148



47

Incident Energy (MeV)

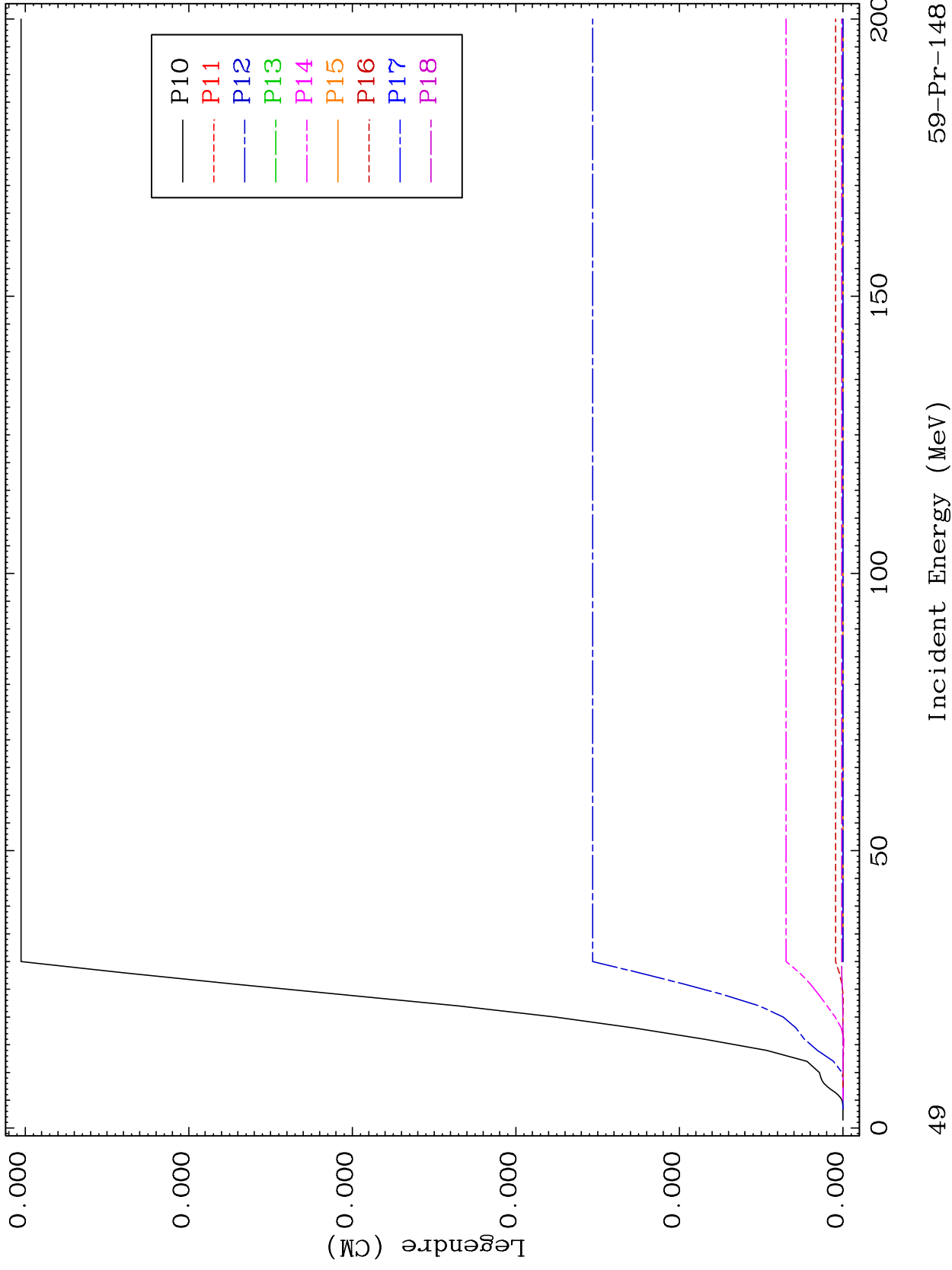
59-Pr-148

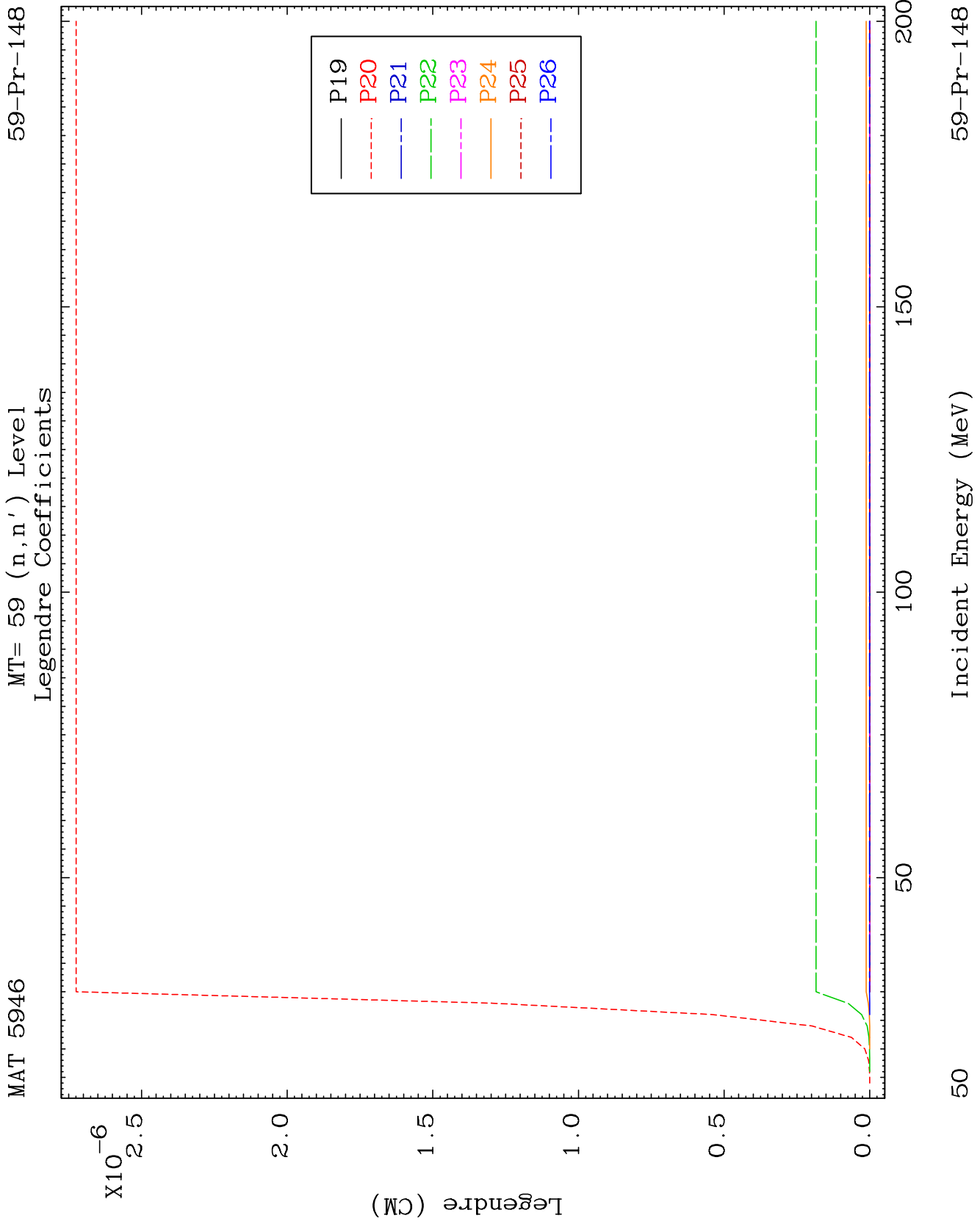


MAT 5946

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

59-Pr-148

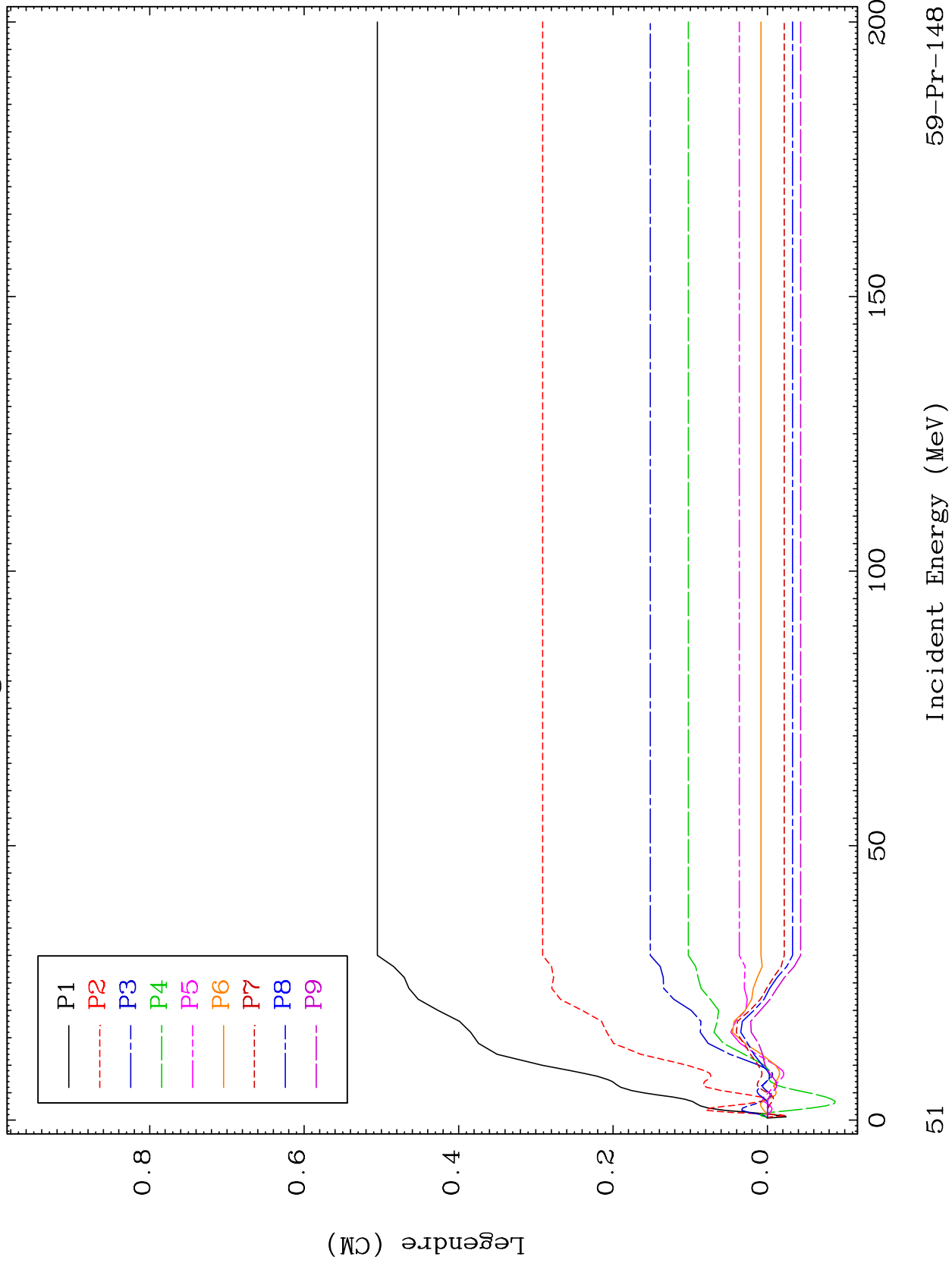




MAT 5946

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

59-Pr-148



59-Pr-148

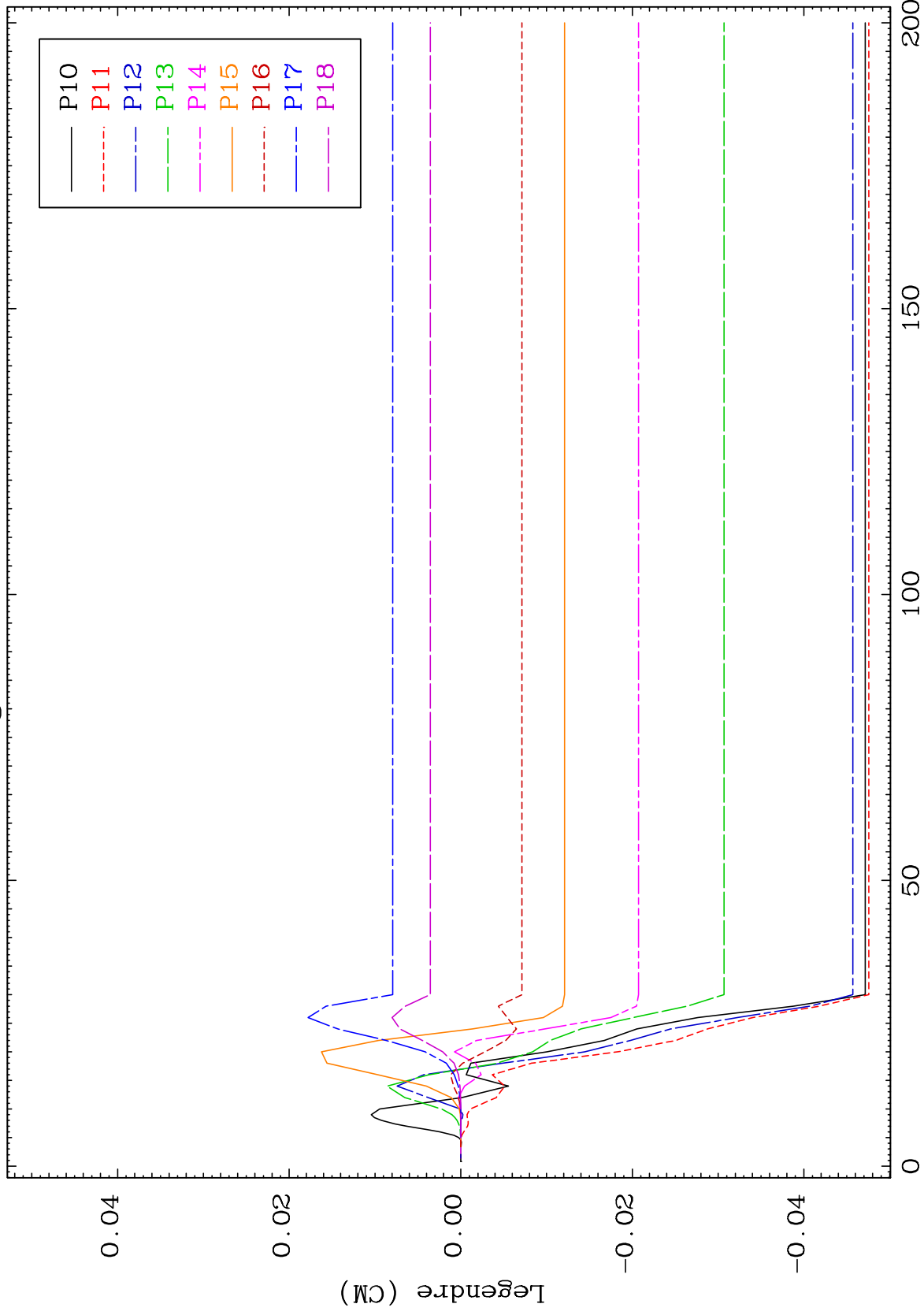
Incident Energy (MeV)

51

MAT 5946

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

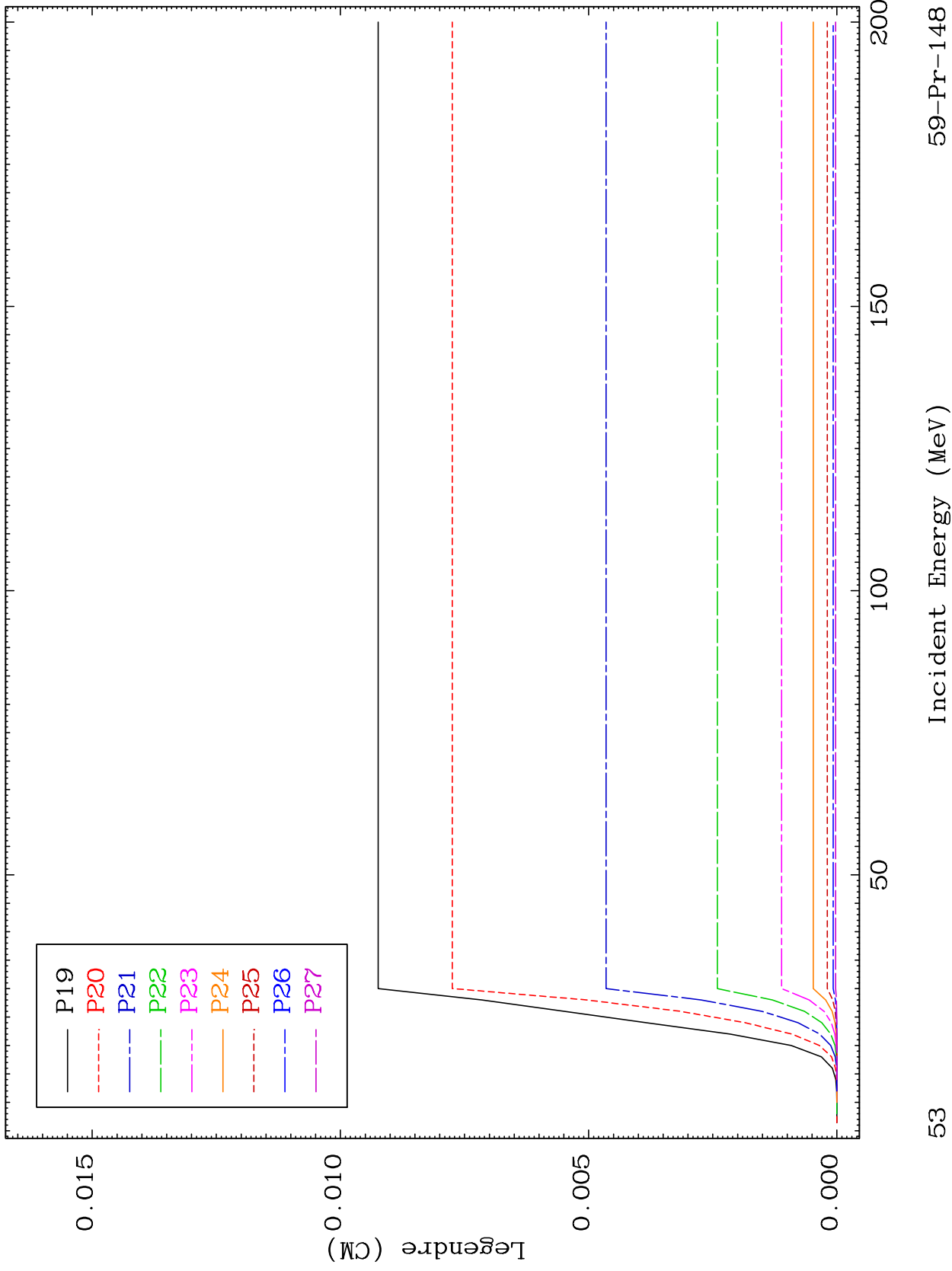
59-Pr-148

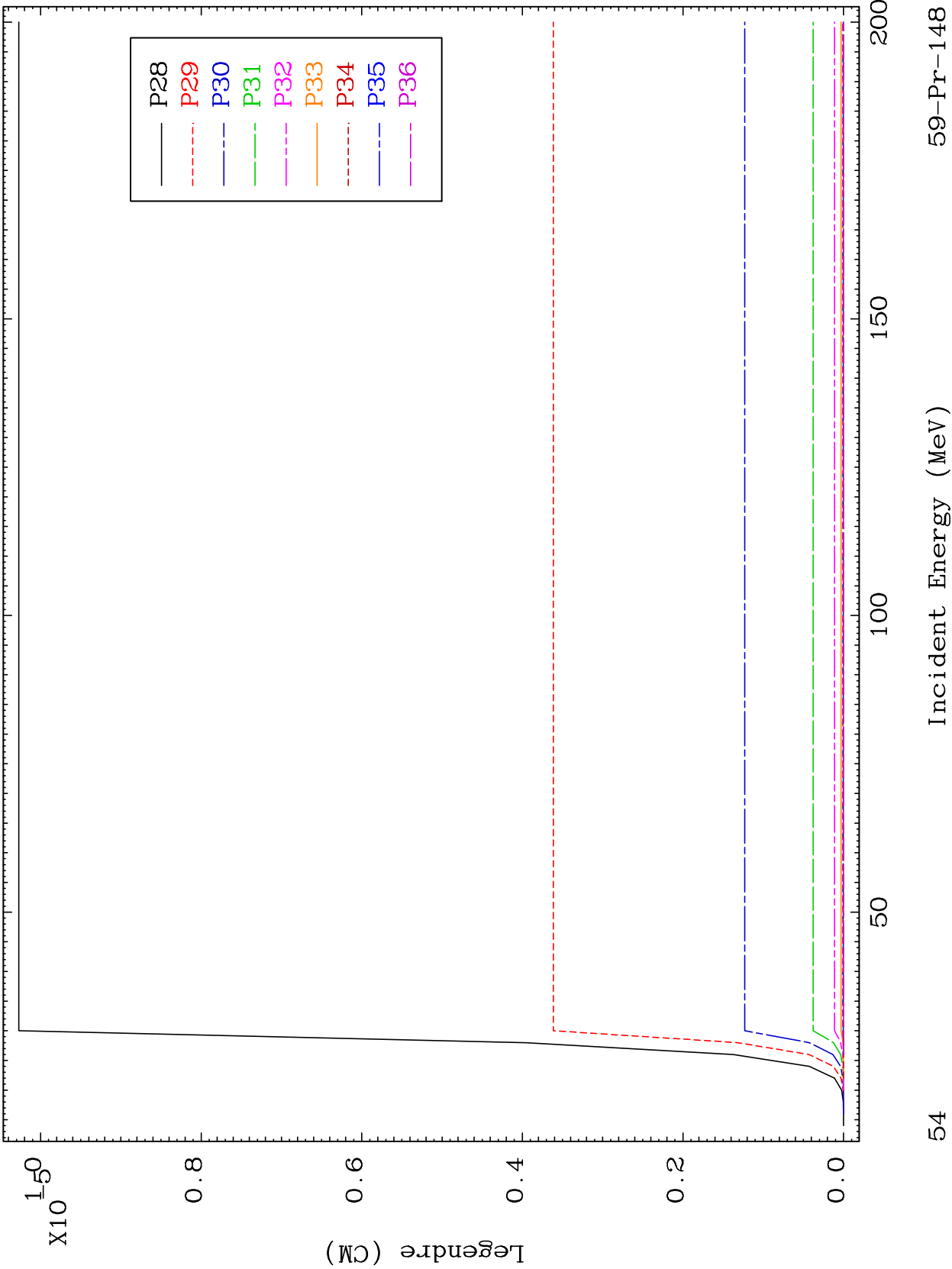


52

Incident Energy (MeV)

59-Pr-148

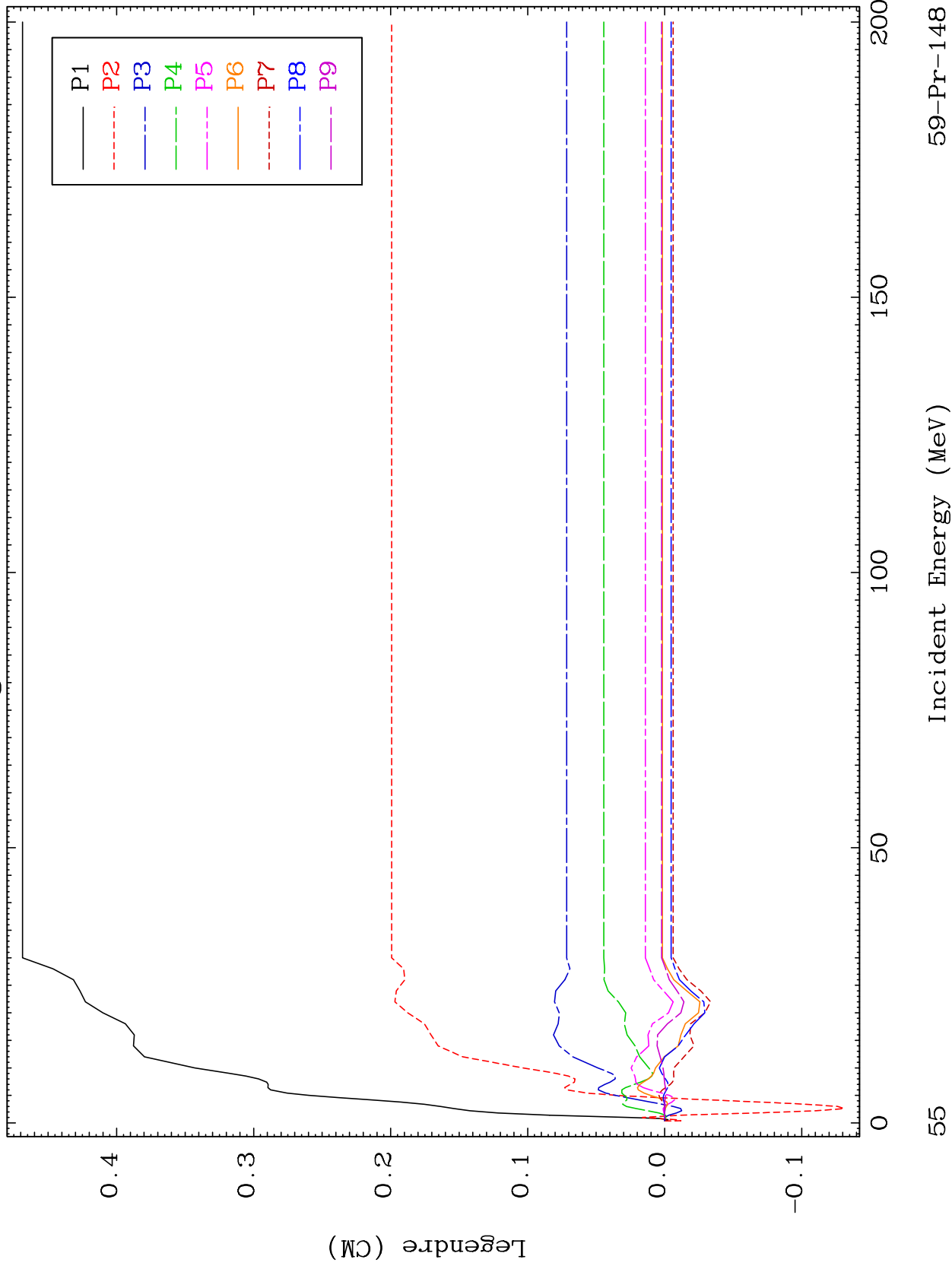




MAT 5946

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

59-Pr-148



59-Pr-148

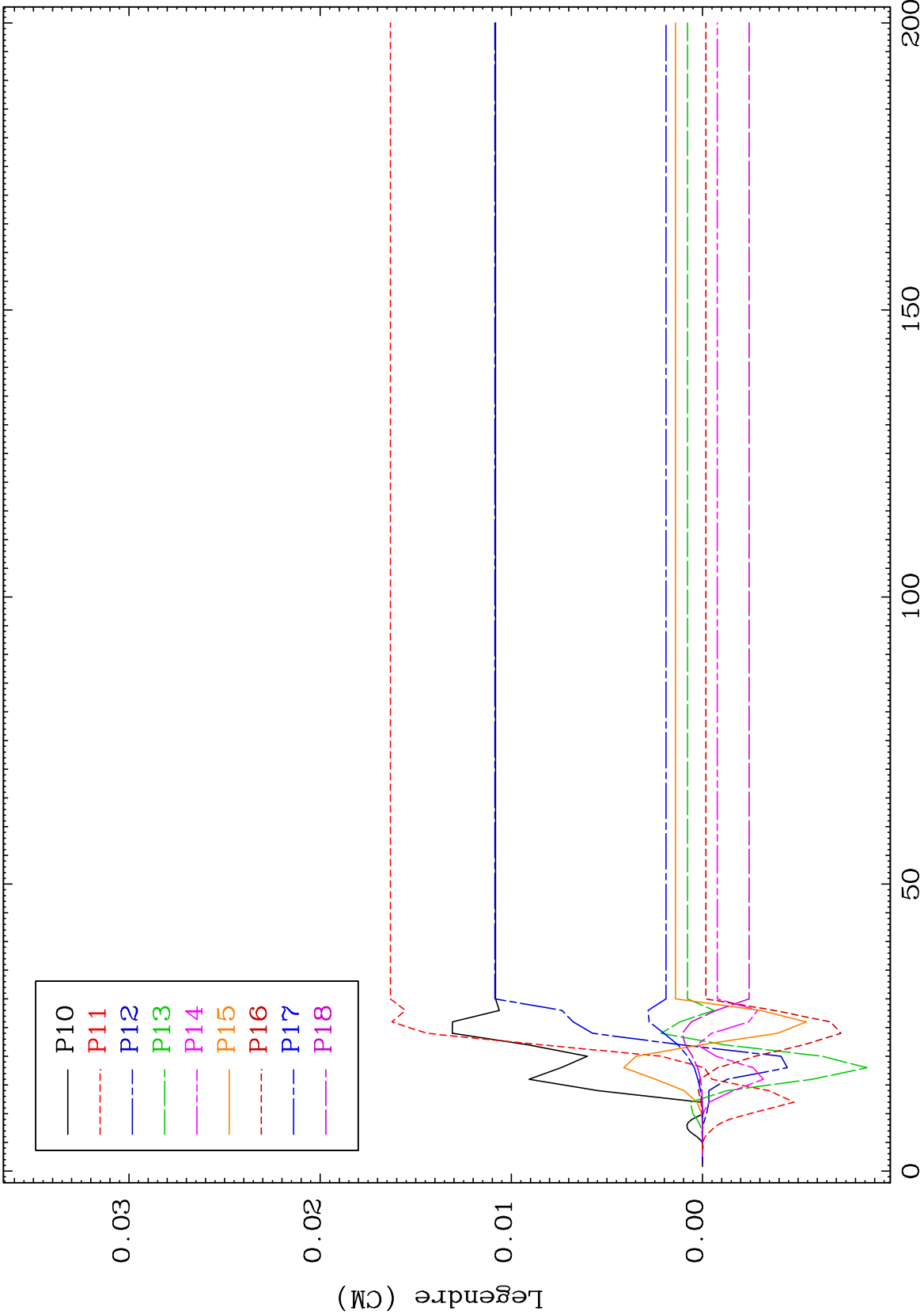
Incident Energy (MeV)

55

MAT 5946

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

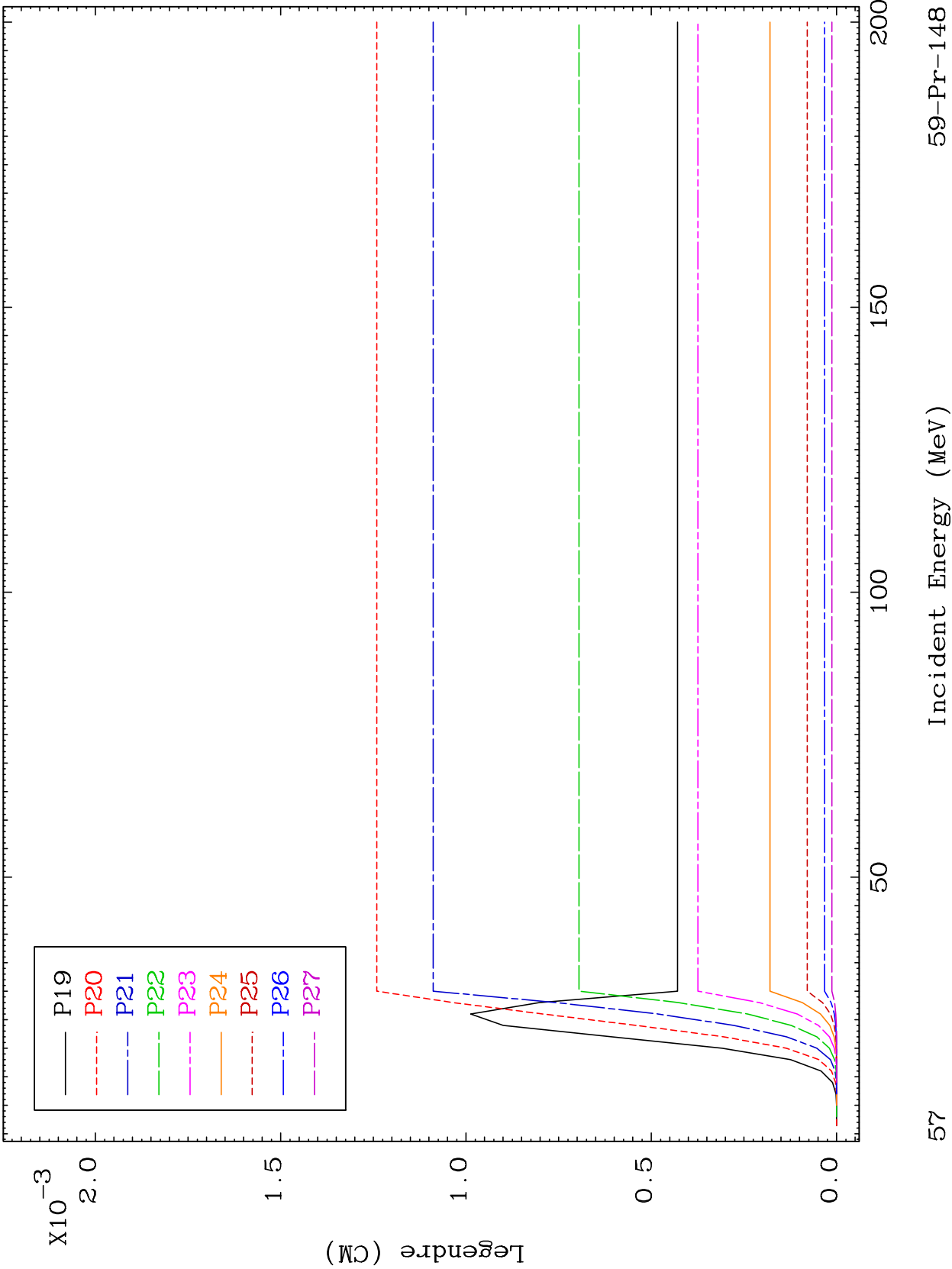
59-Pr-148



56

Incident Energy (MeV)

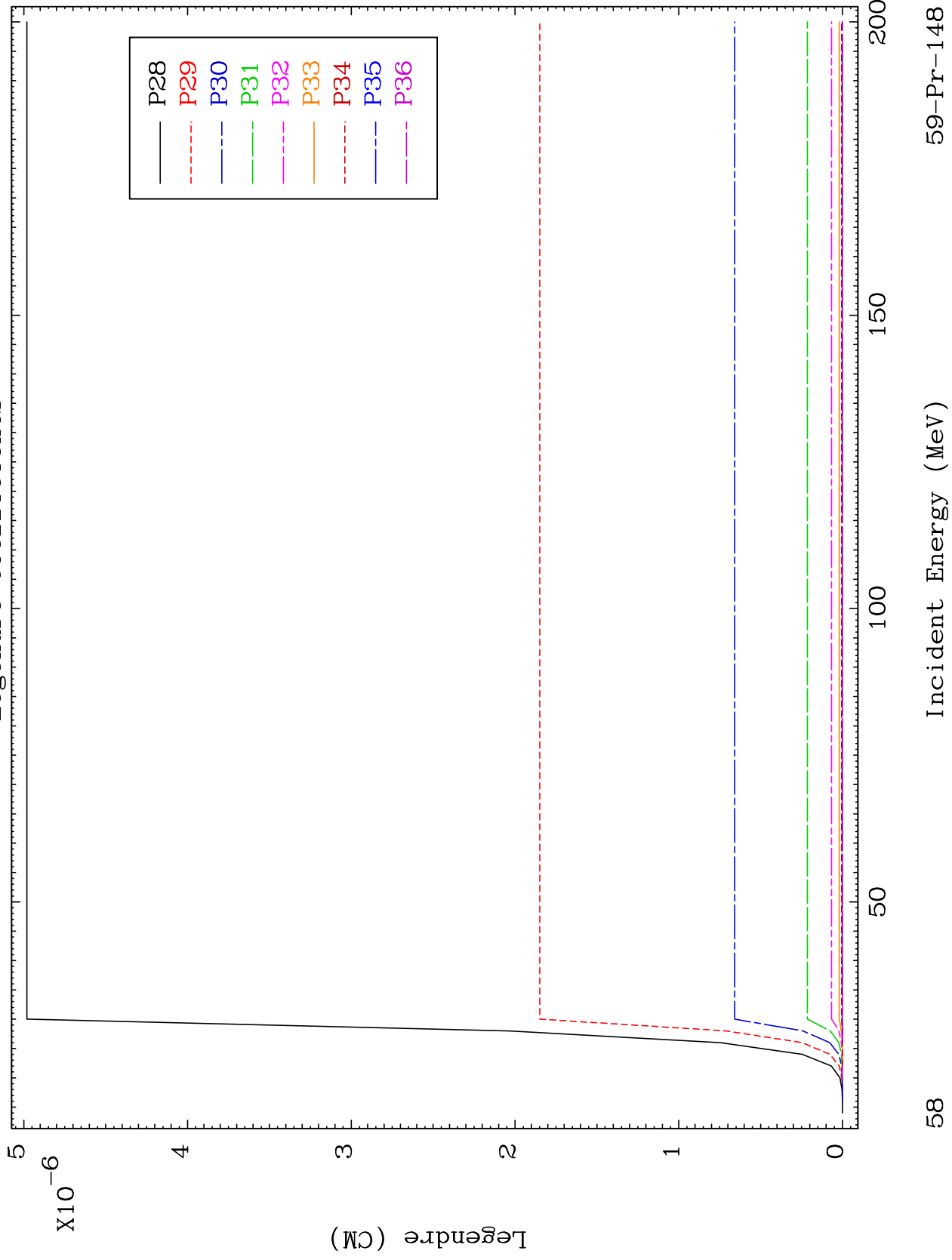
59-Pr-148



MAT 5946

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

59-Pr-148

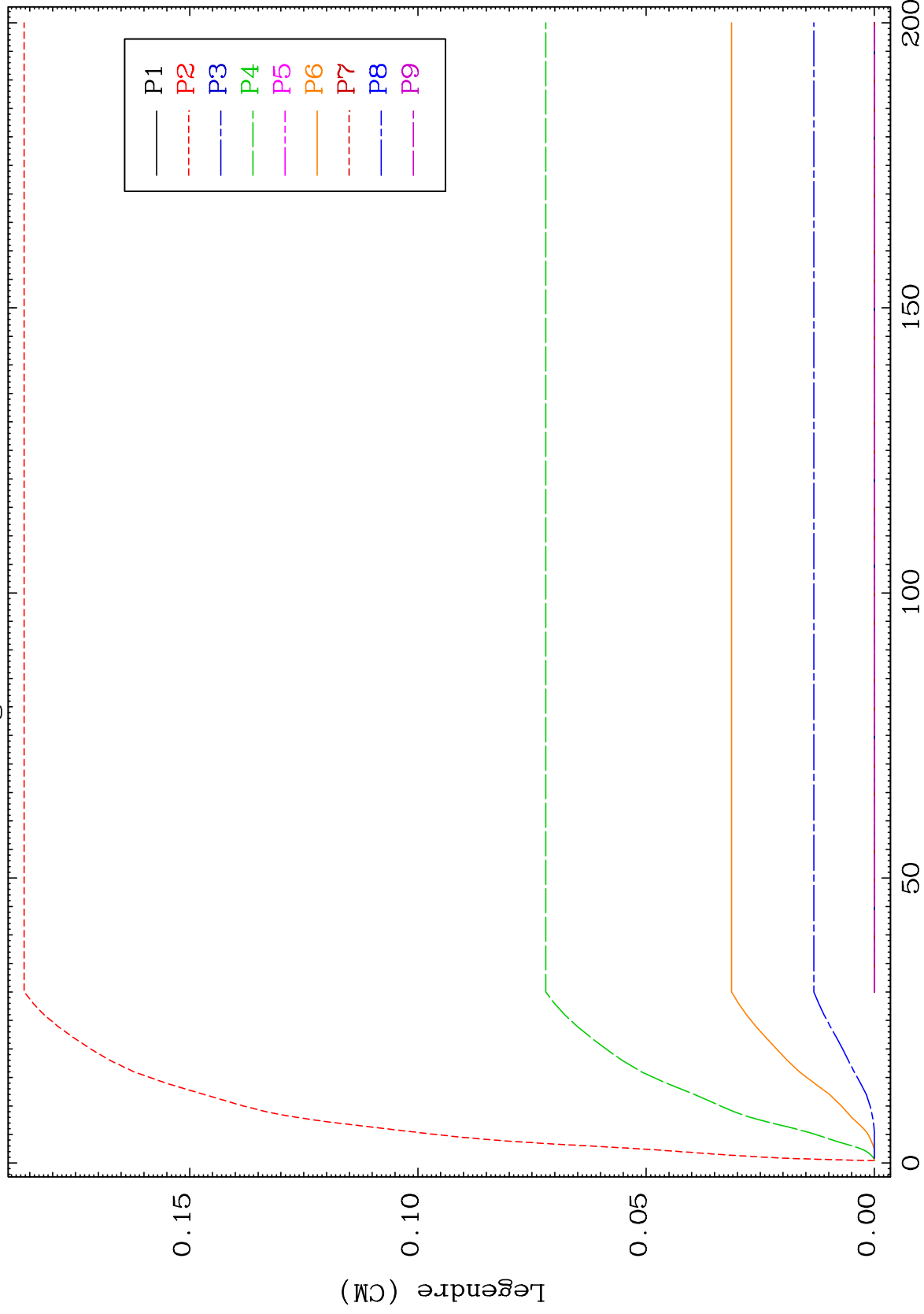


59-Pr-148

MAT 5946

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

59-Pr-148



59-Pr-148

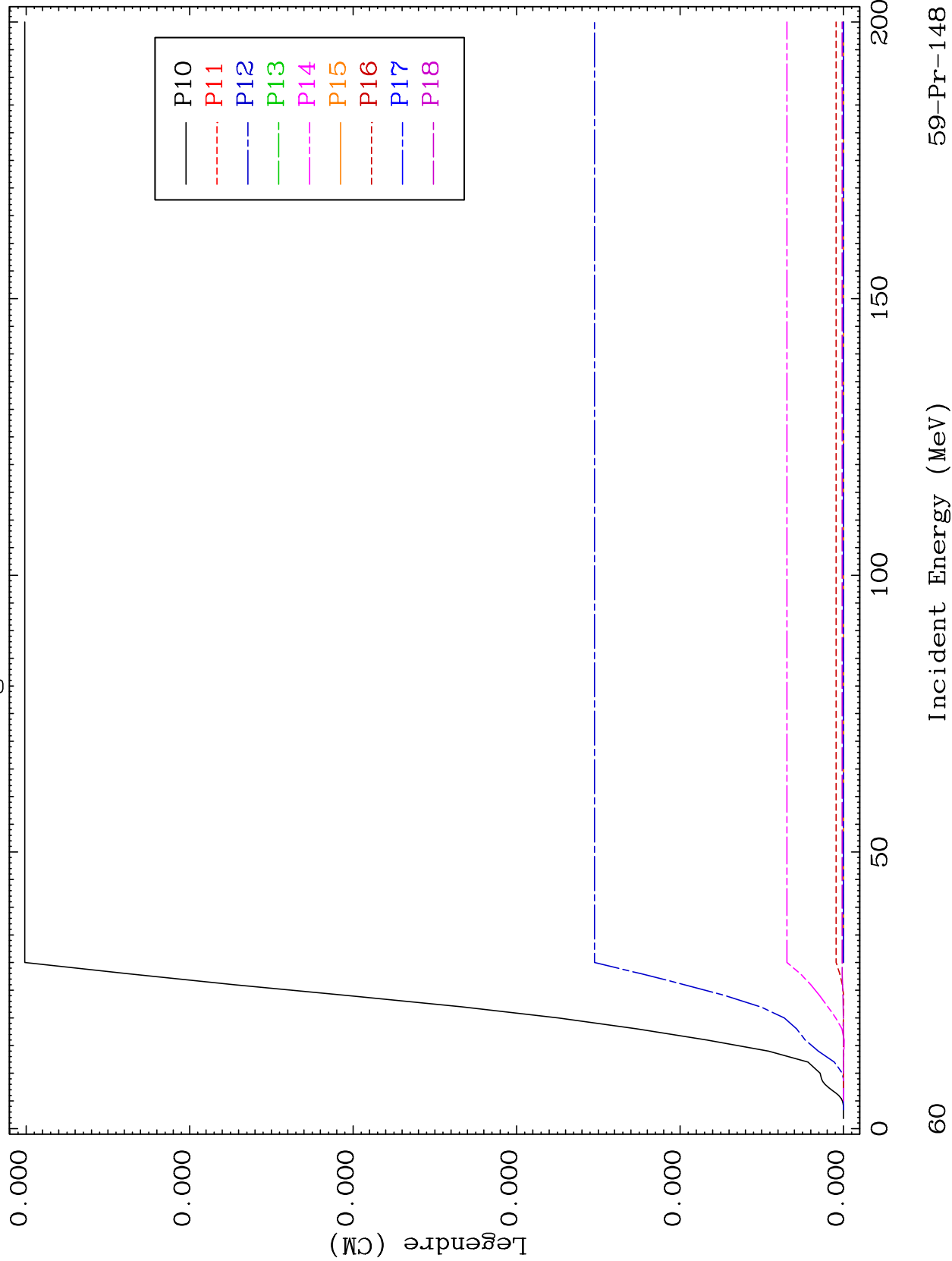
Incident Energy (MeV)

59

MAT 5946

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

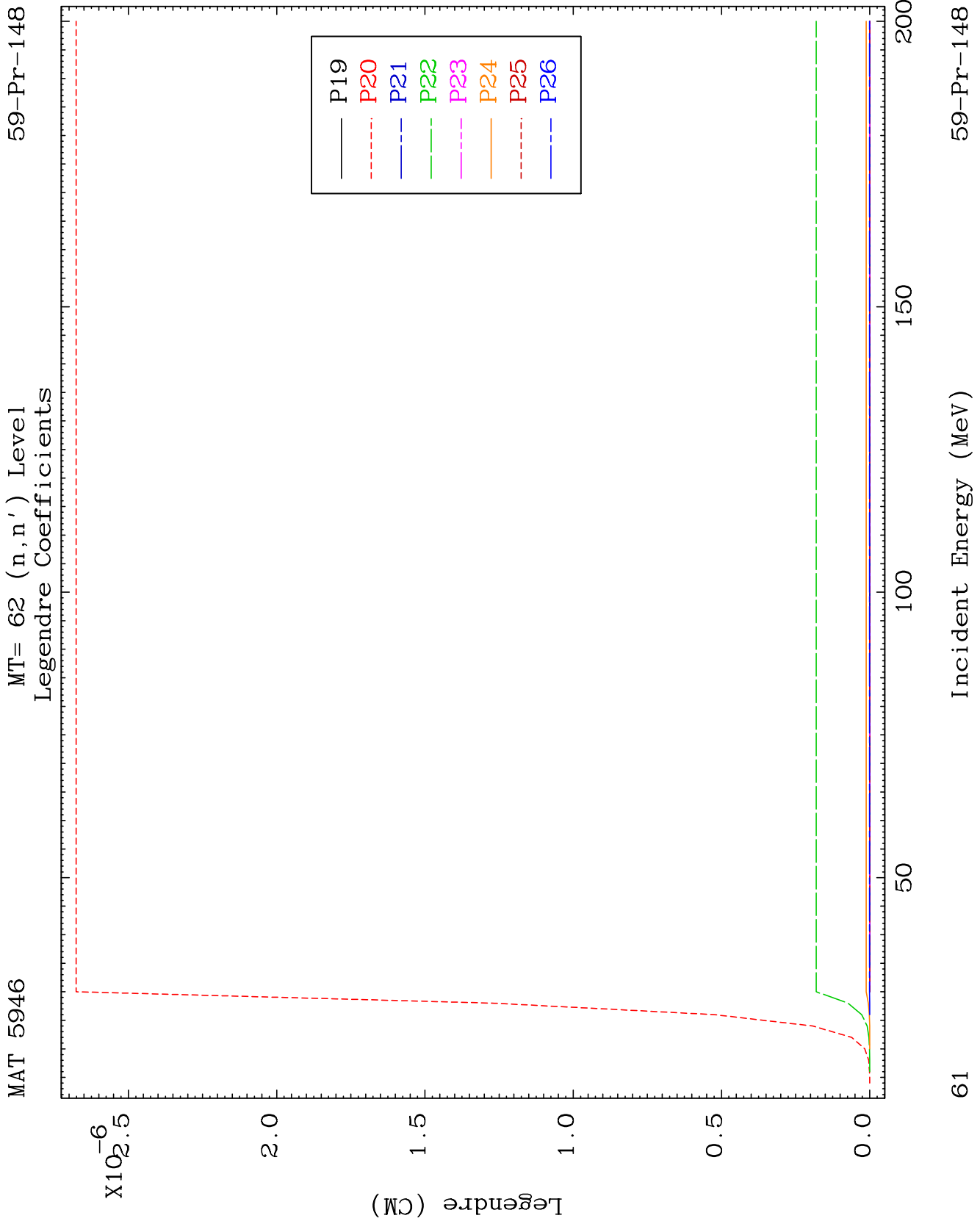
59-Pr-148



59-Pr-148

Incident Energy (MeV)

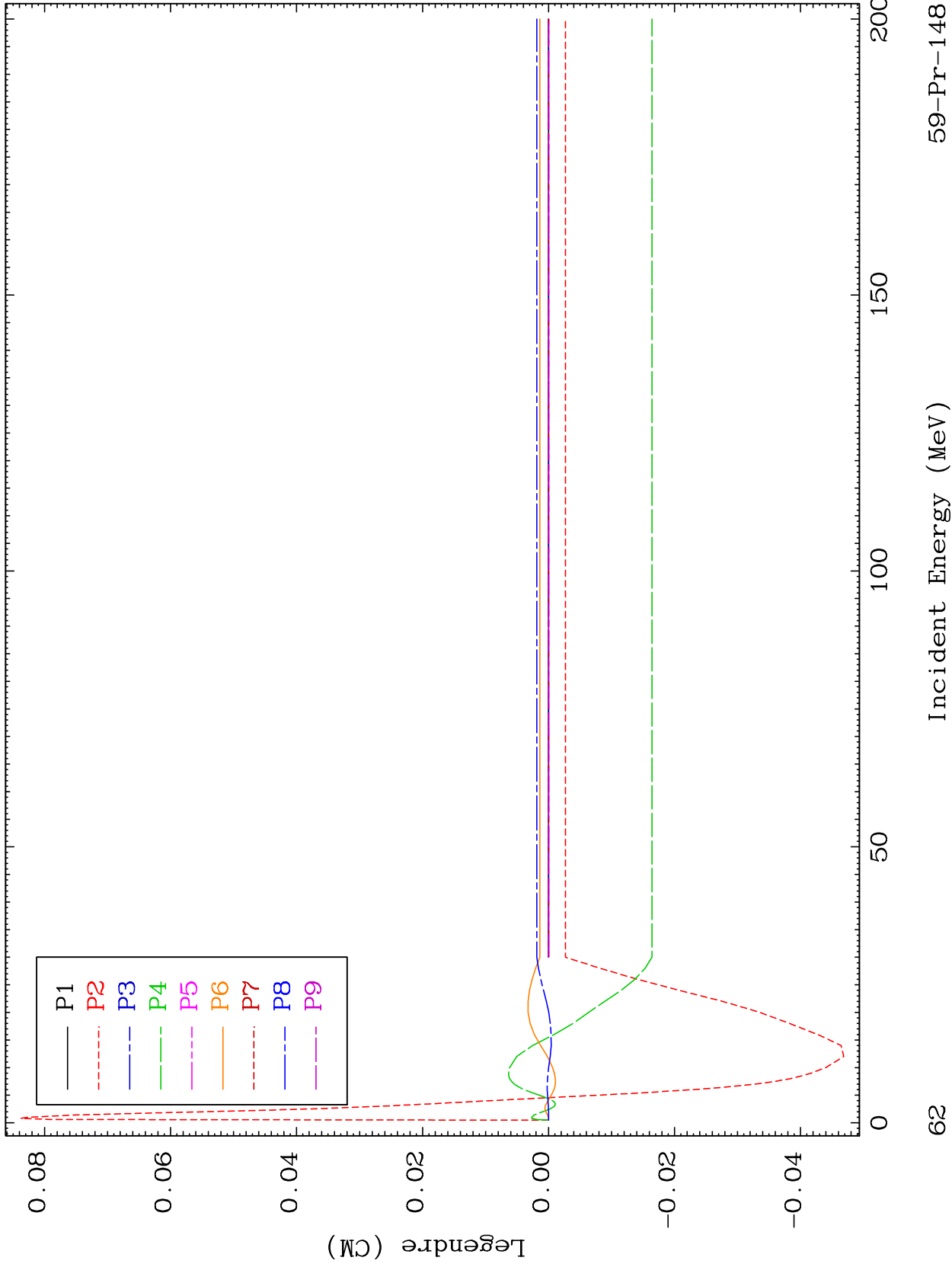
60



MAT 5946

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

59-Pr-148



59-Pr-148

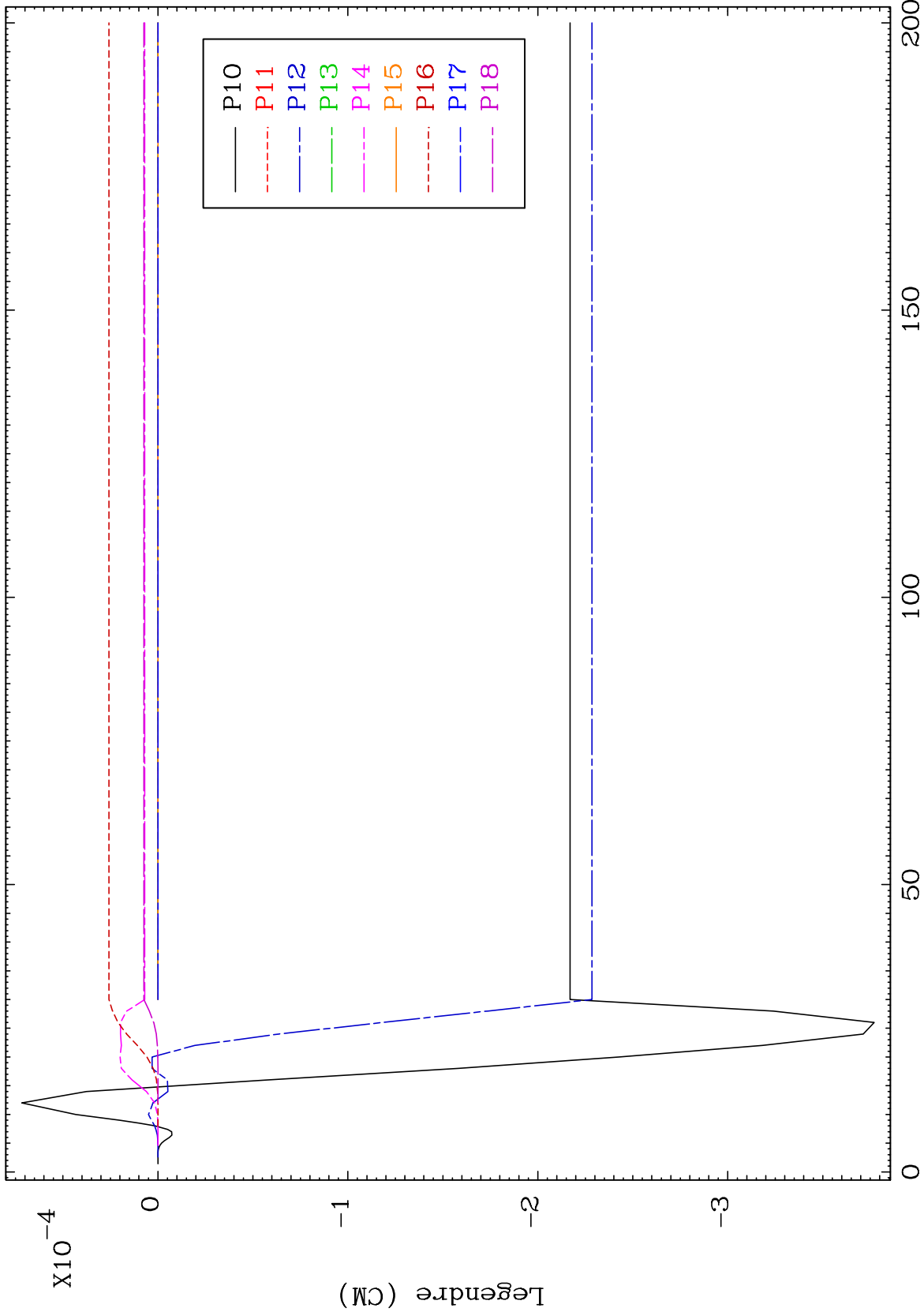
Incident Energy (MeV)

62

MAT 5946

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

59-Pr-148



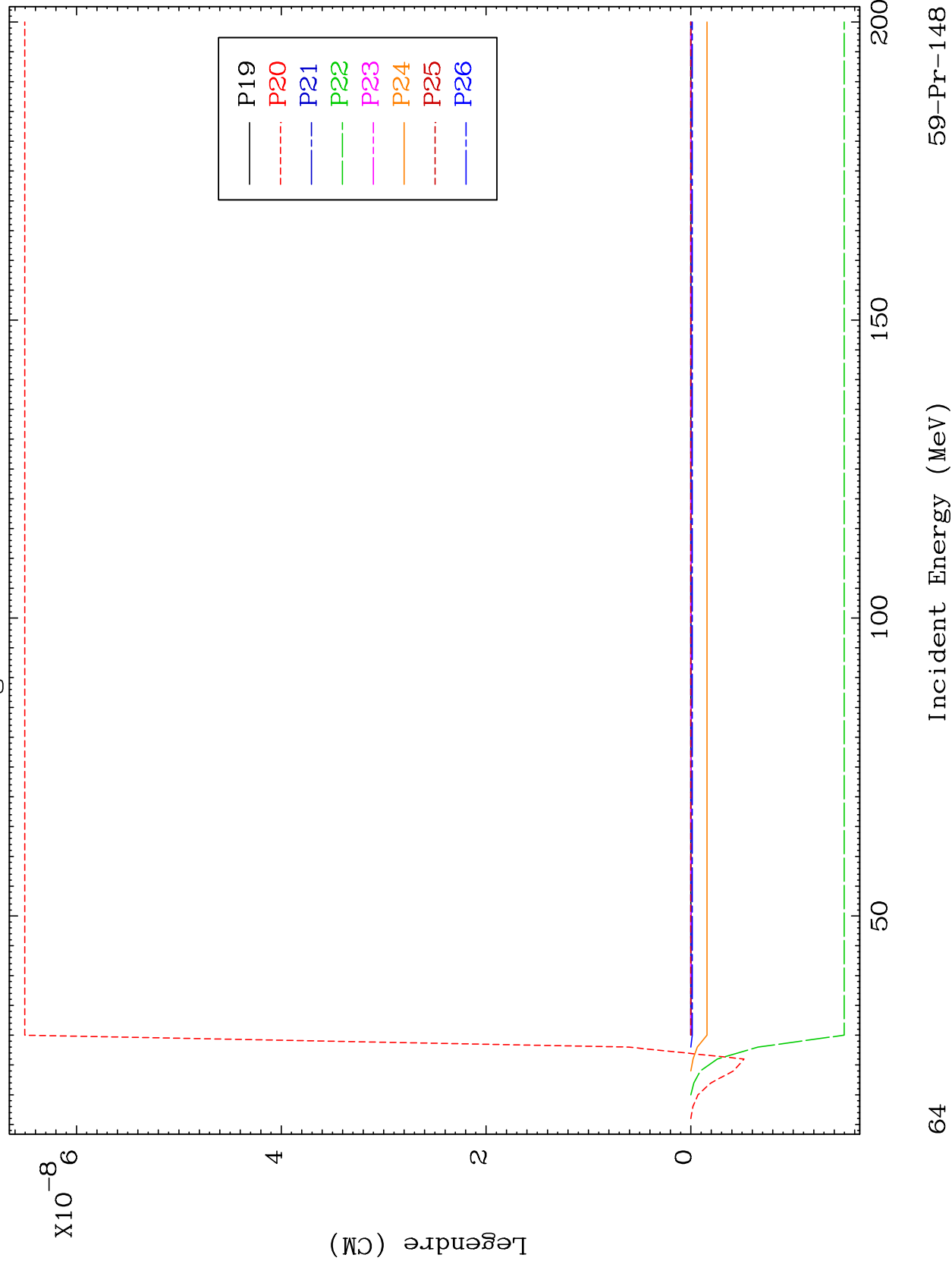
63

59-Pr-148

MAT 5946

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

59-Pr-148



64

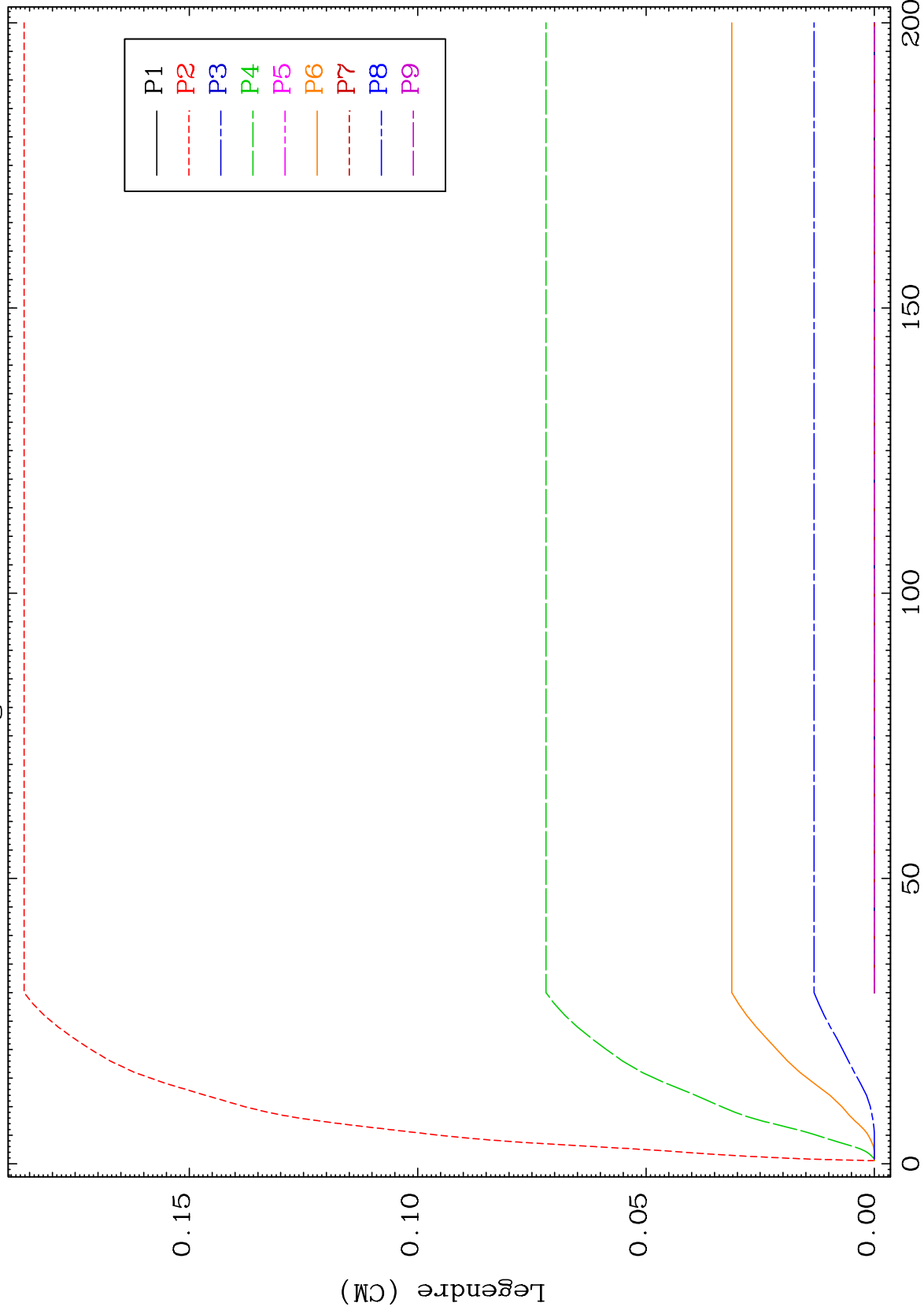
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



59-Pr-148

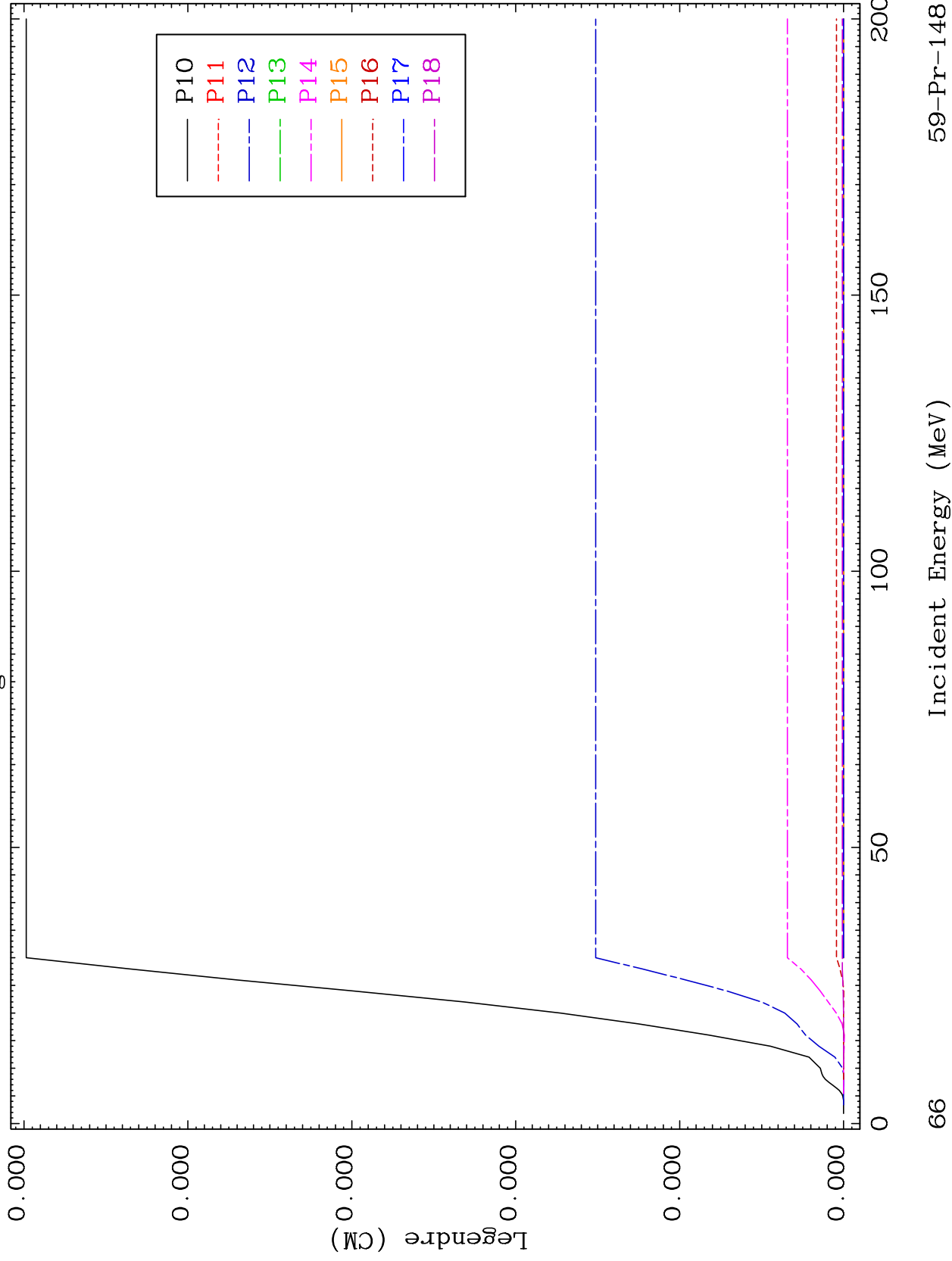
Incident Energy (MeV)

65

MAT 5946

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

59-Pr-148



66

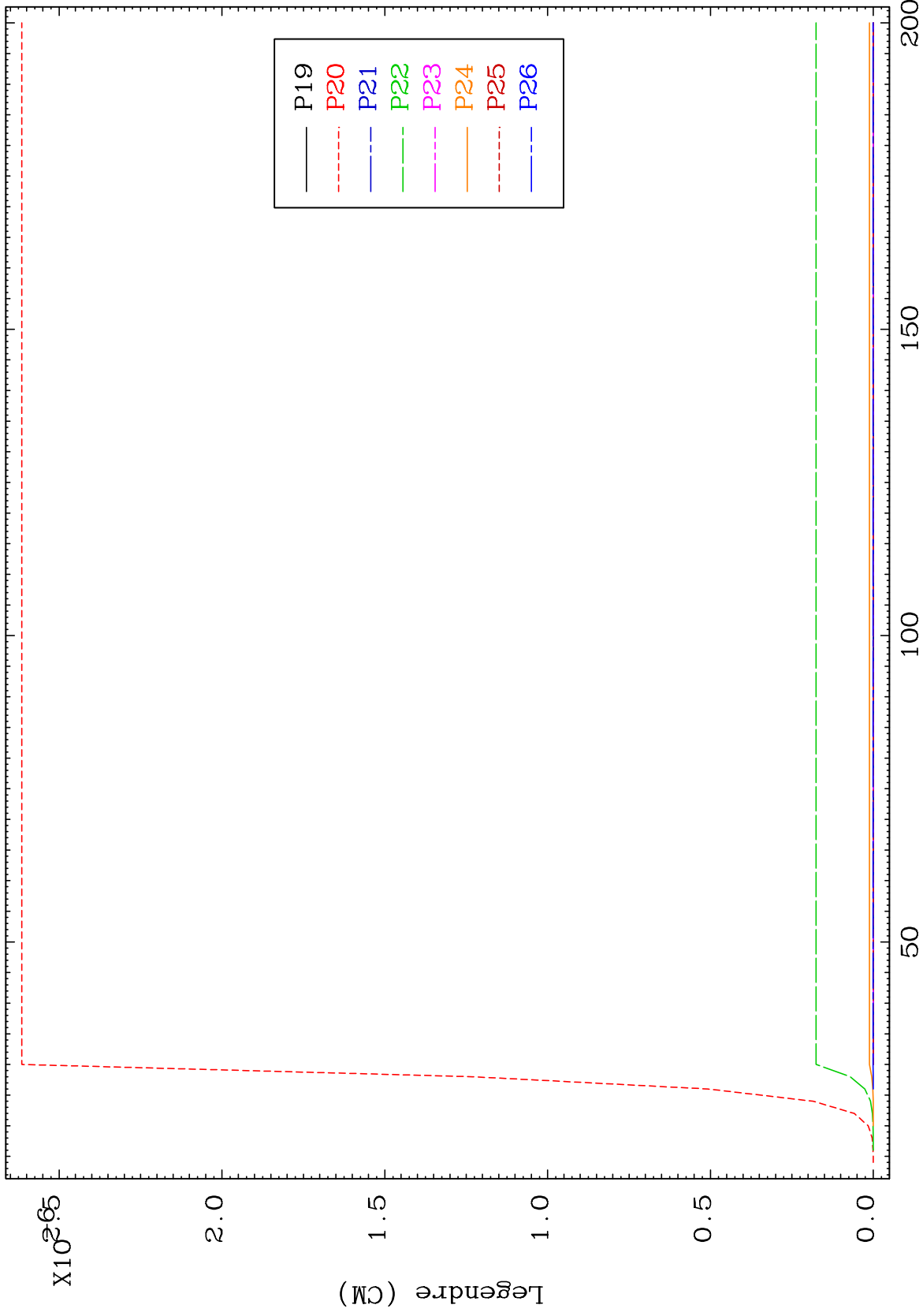
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



67

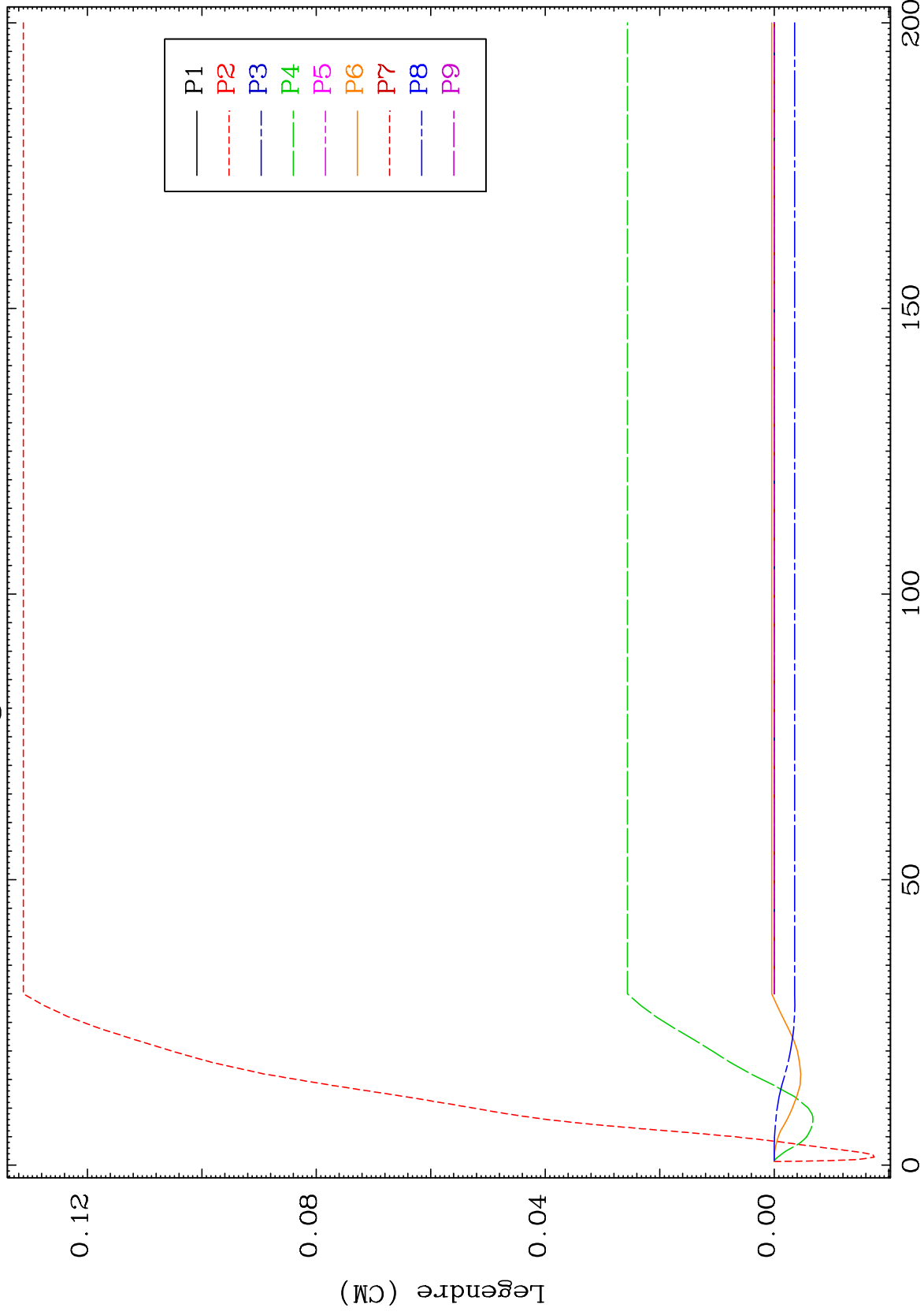
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



59-Pr-148

Incident Energy (MeV)

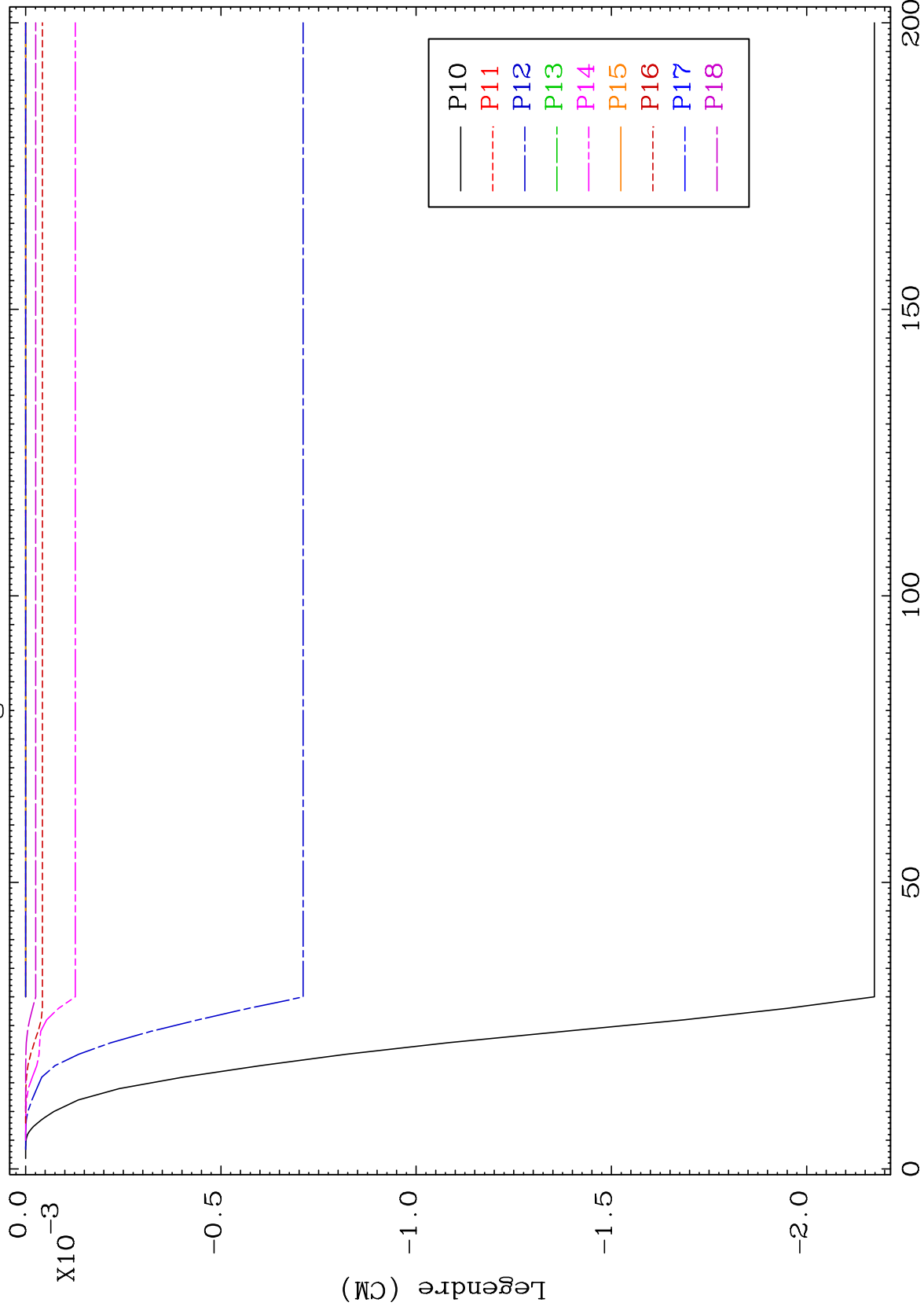
68

MAT 5946

MT= 65 (n,n') Level

59-Pr-148

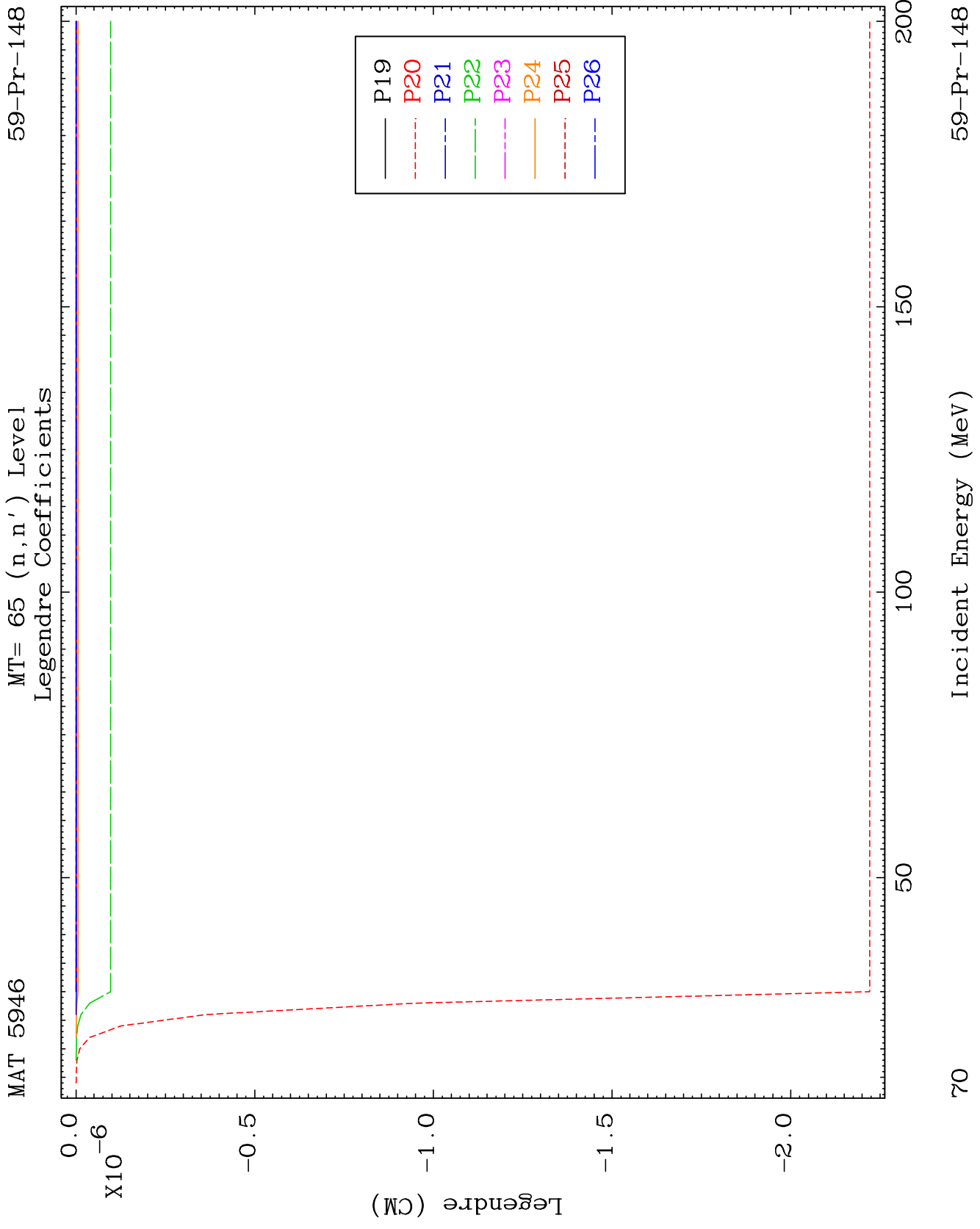
Legendre Coefficients



69

Incident Energy (MeV)

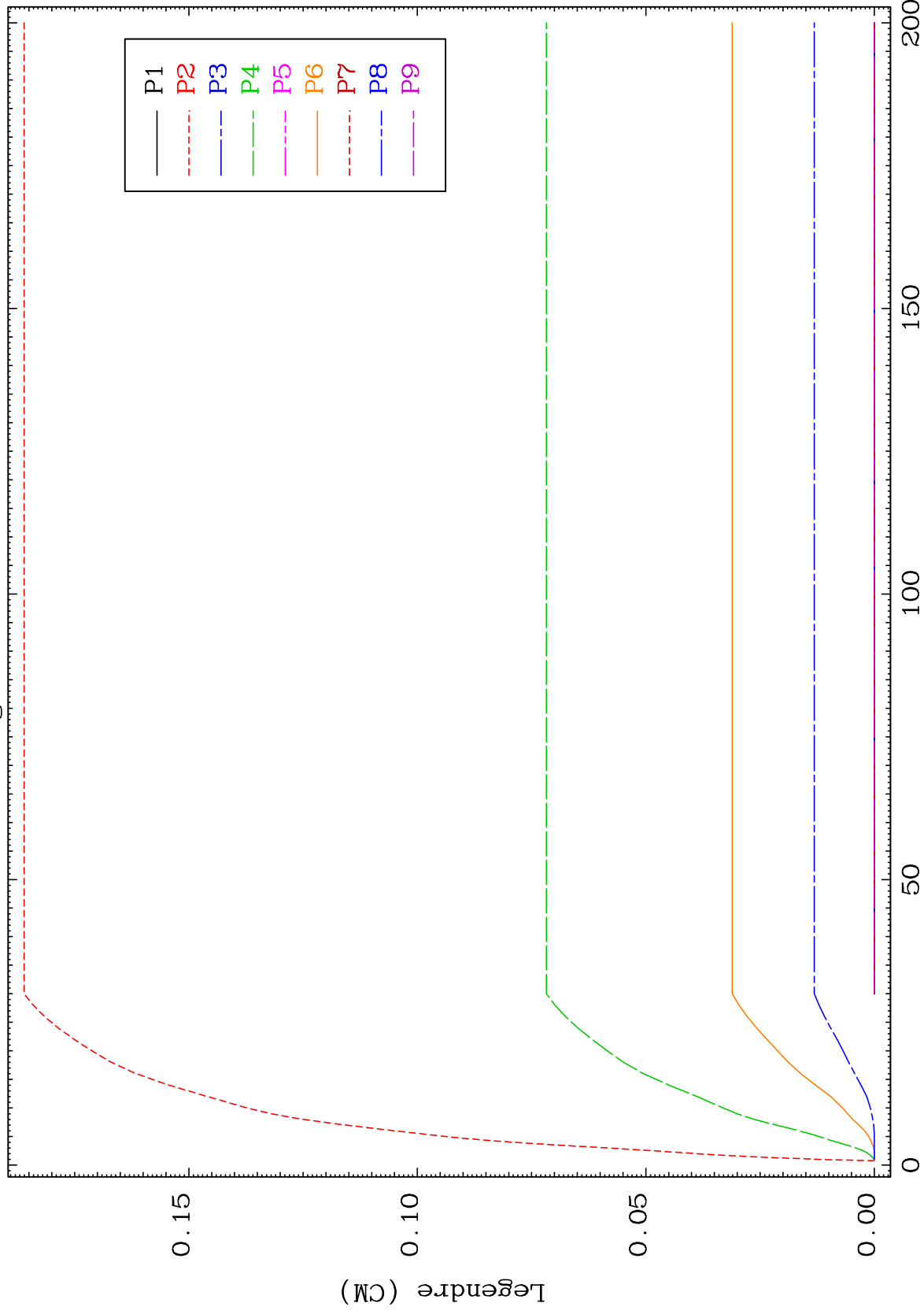
59-Pr-148



MAT 5946

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

59-Pr-148



71

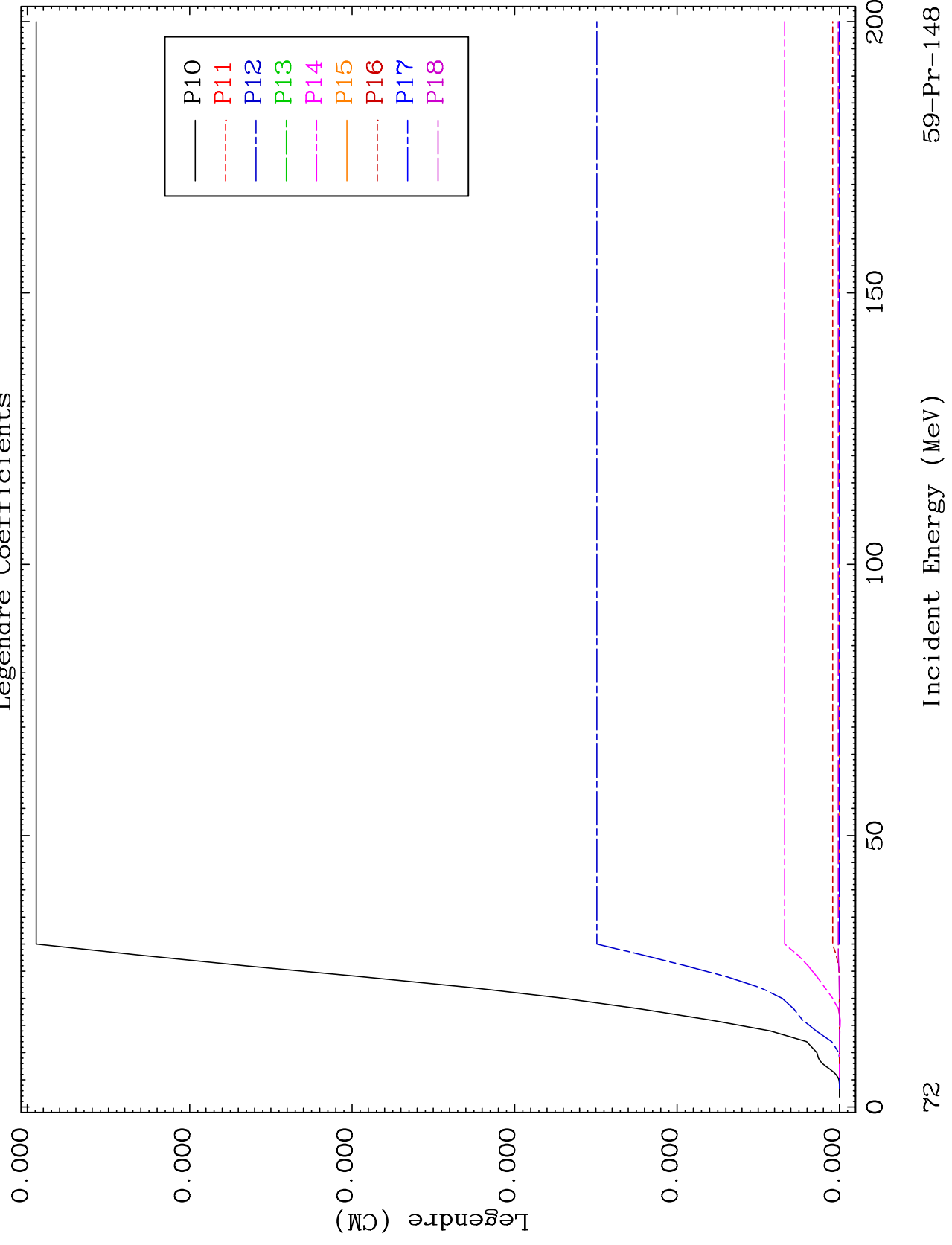
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



72

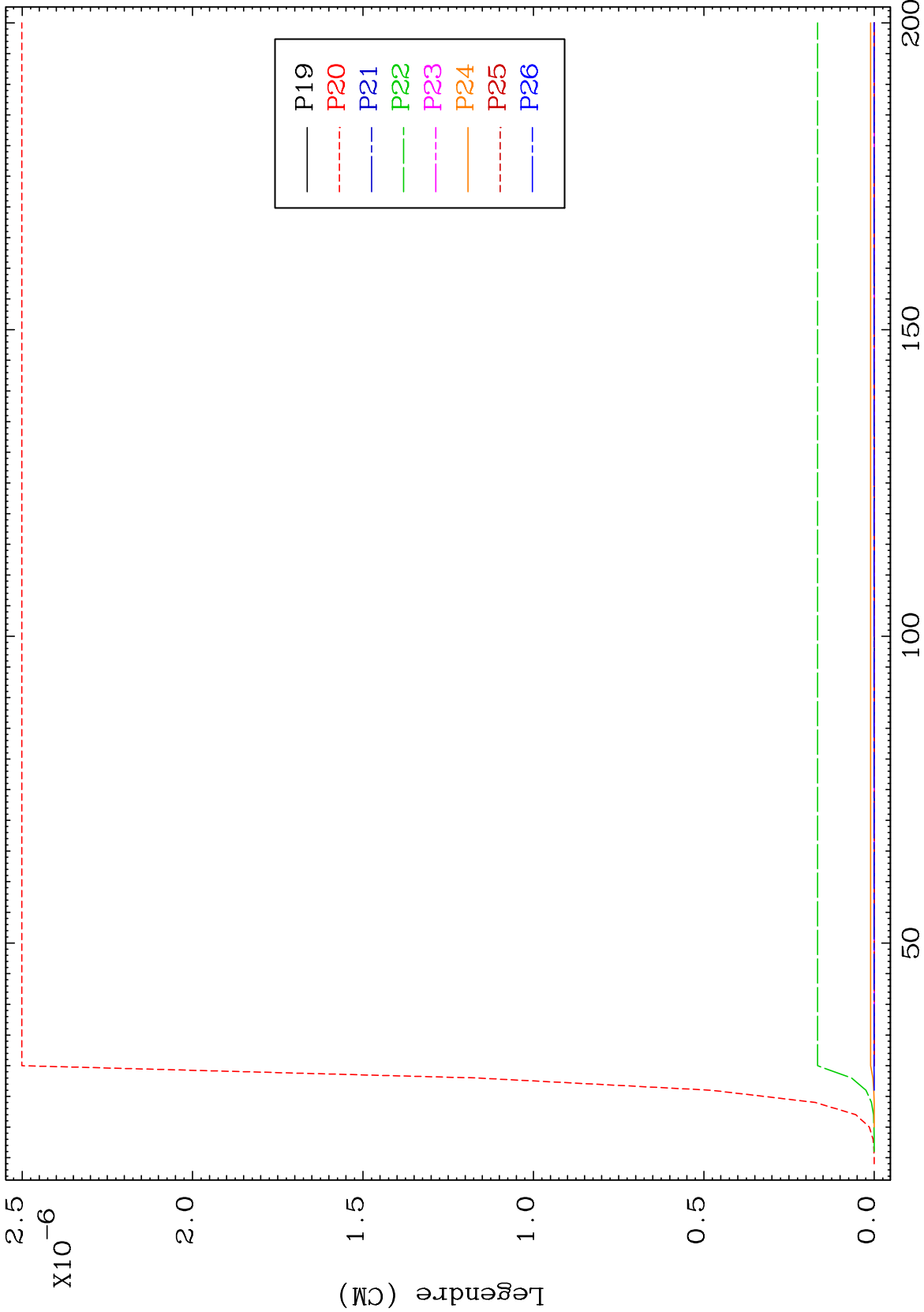
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



73

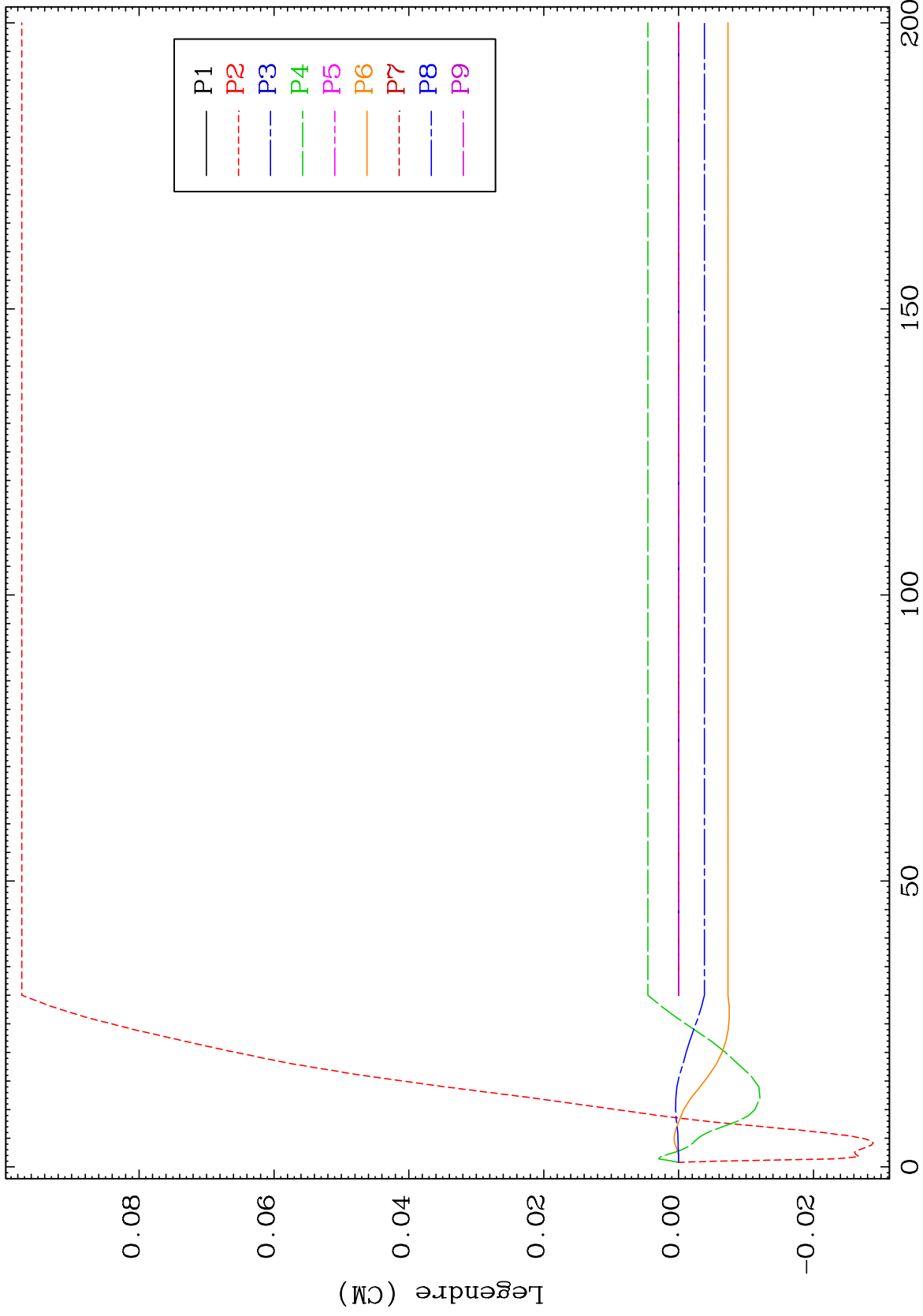
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



59-Pr-148

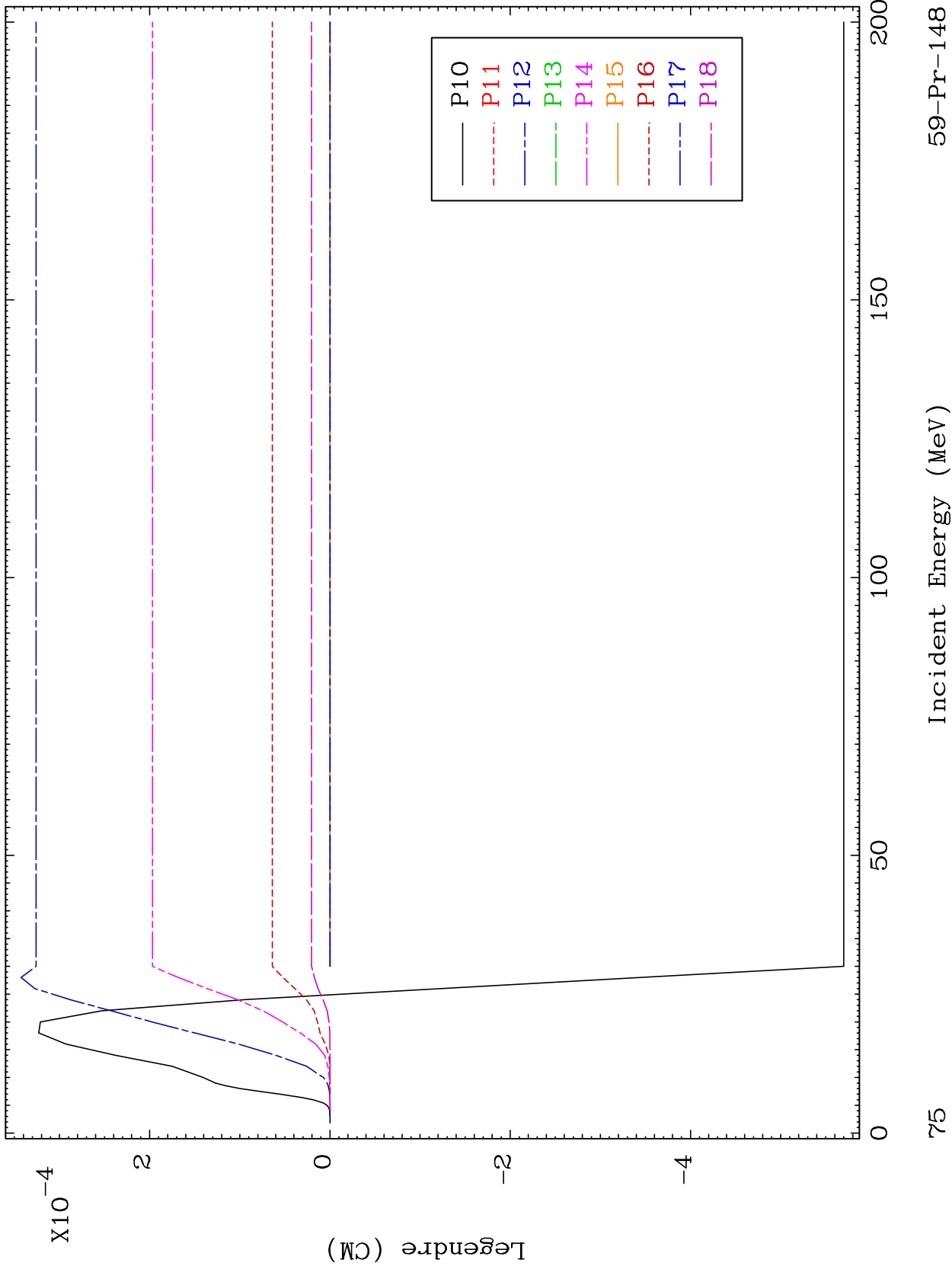
Incident Energy (MeV)

74

MAT 5946

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

59-Pr-148



59-Pr-148

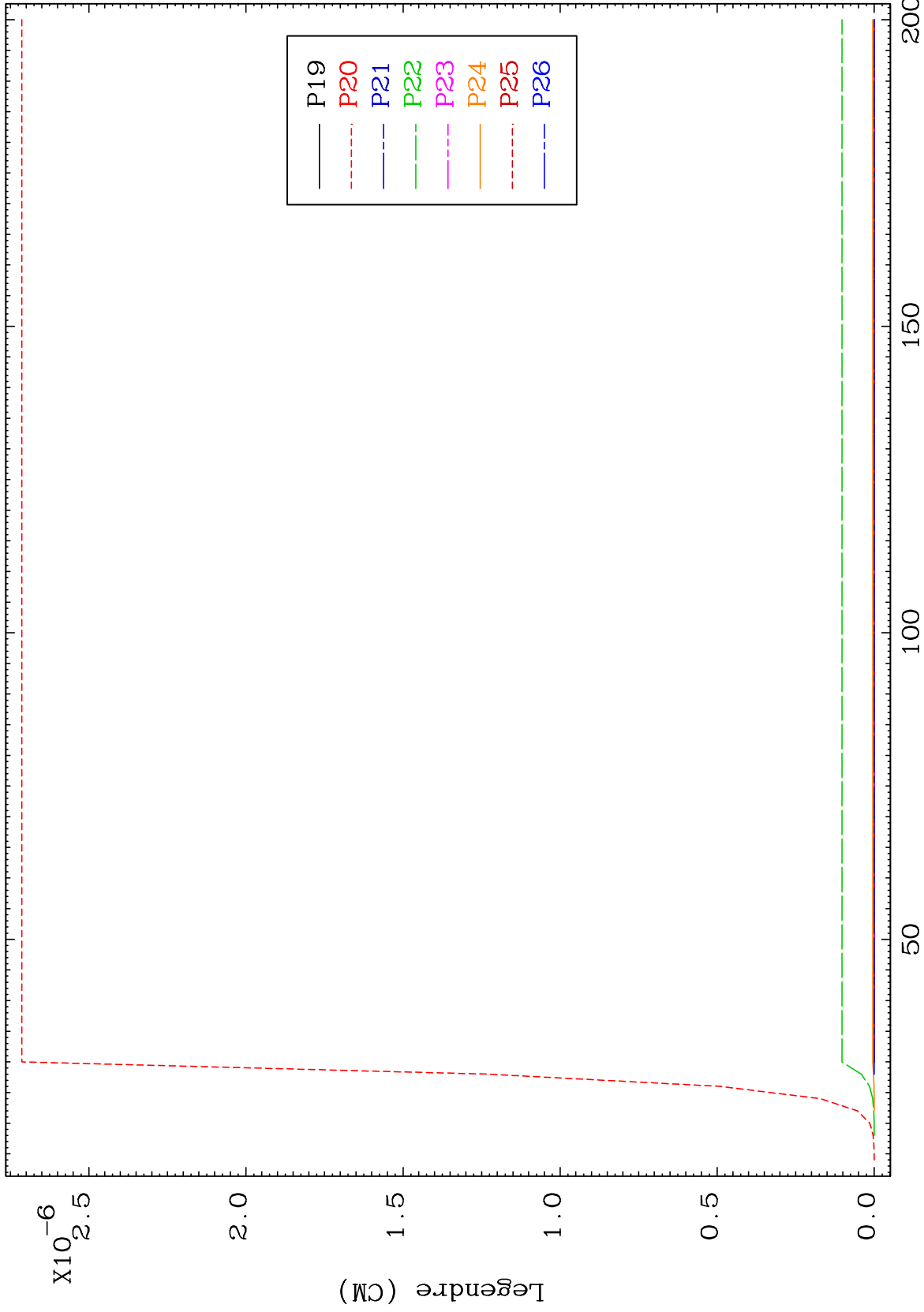
Incident Energy (MeV)

75

MAT 5946

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

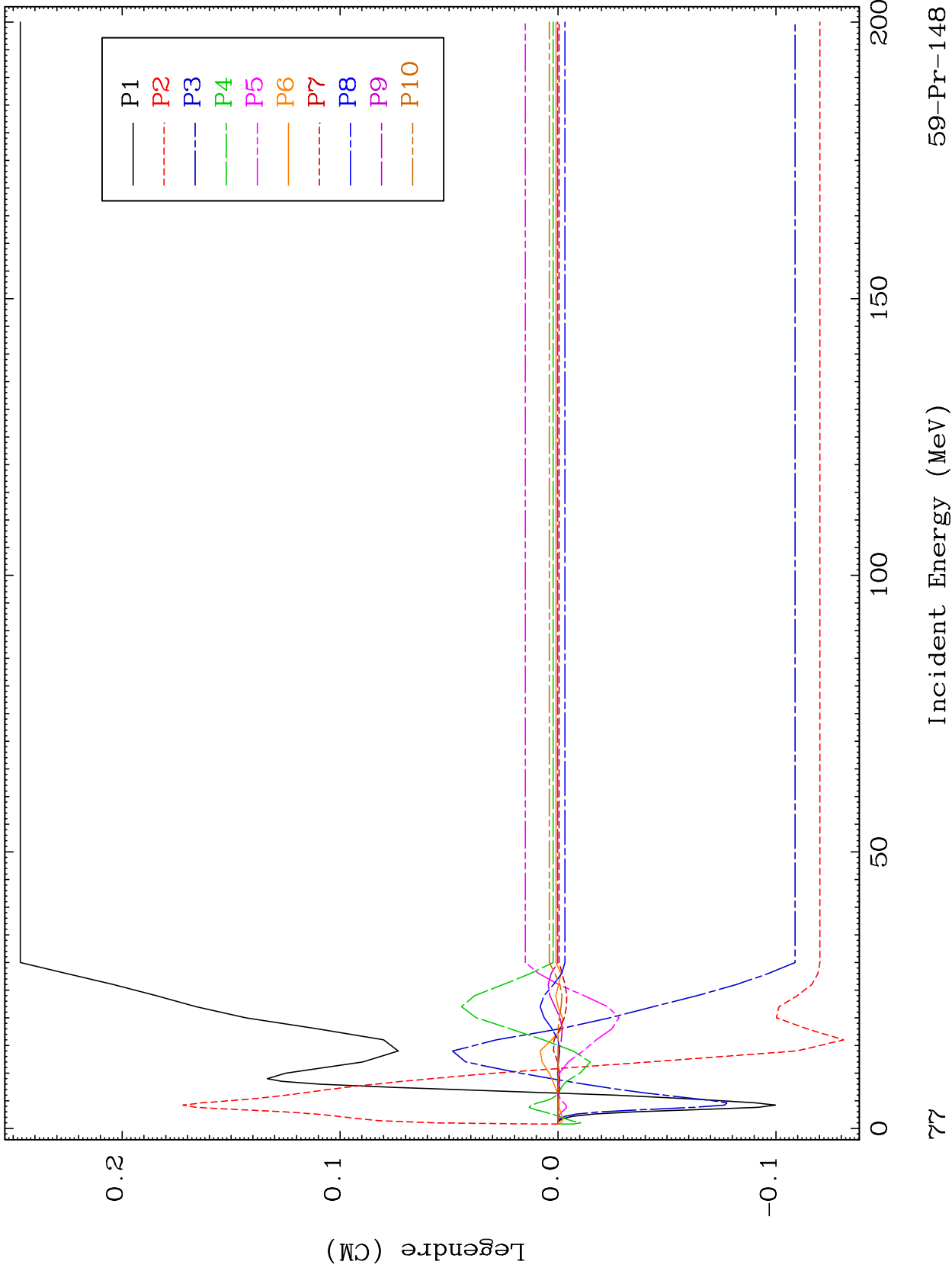
59-Pr-148



76

Incident Energy (MeV)

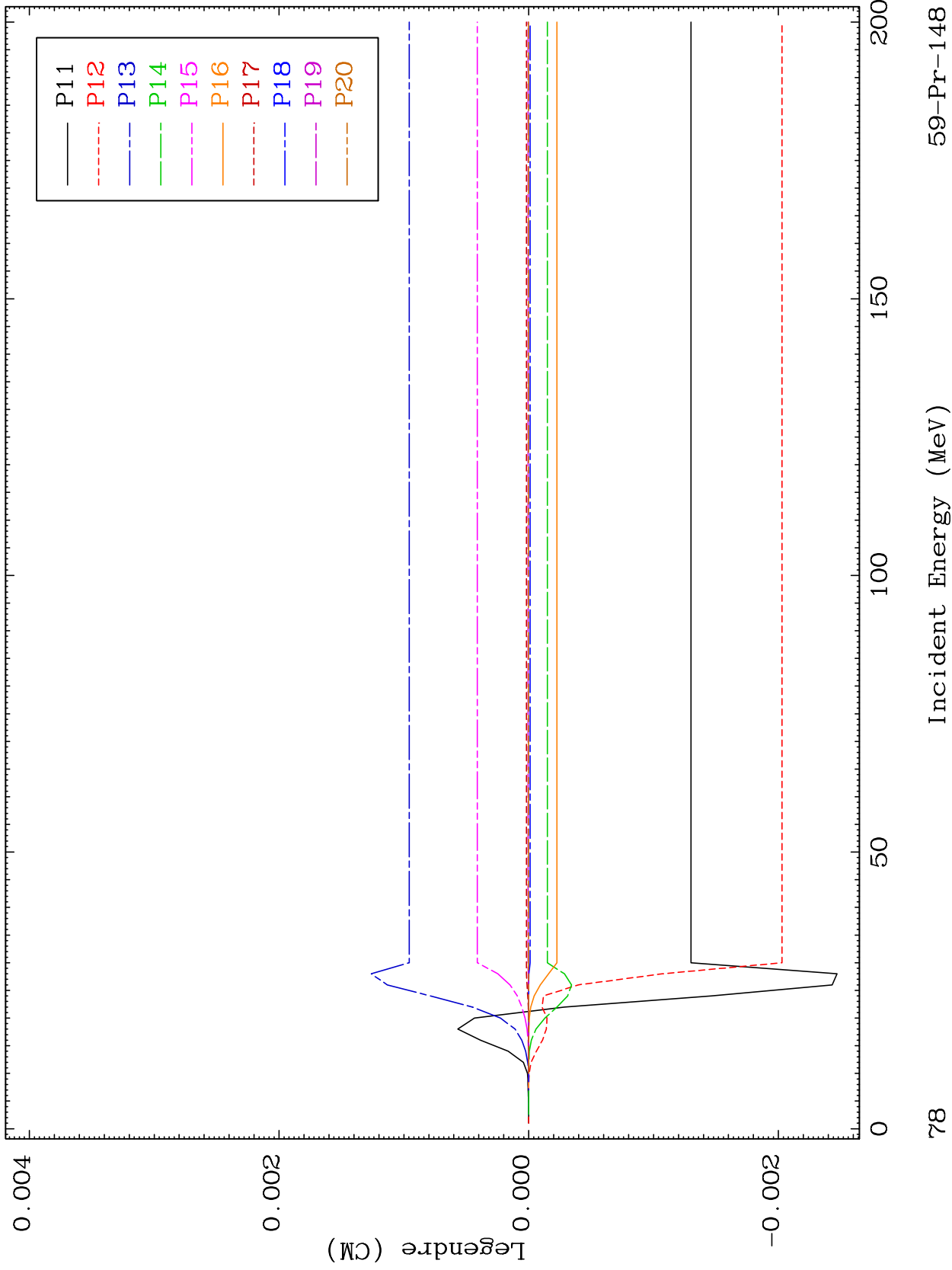
59-Pr-148



MAT 5946

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

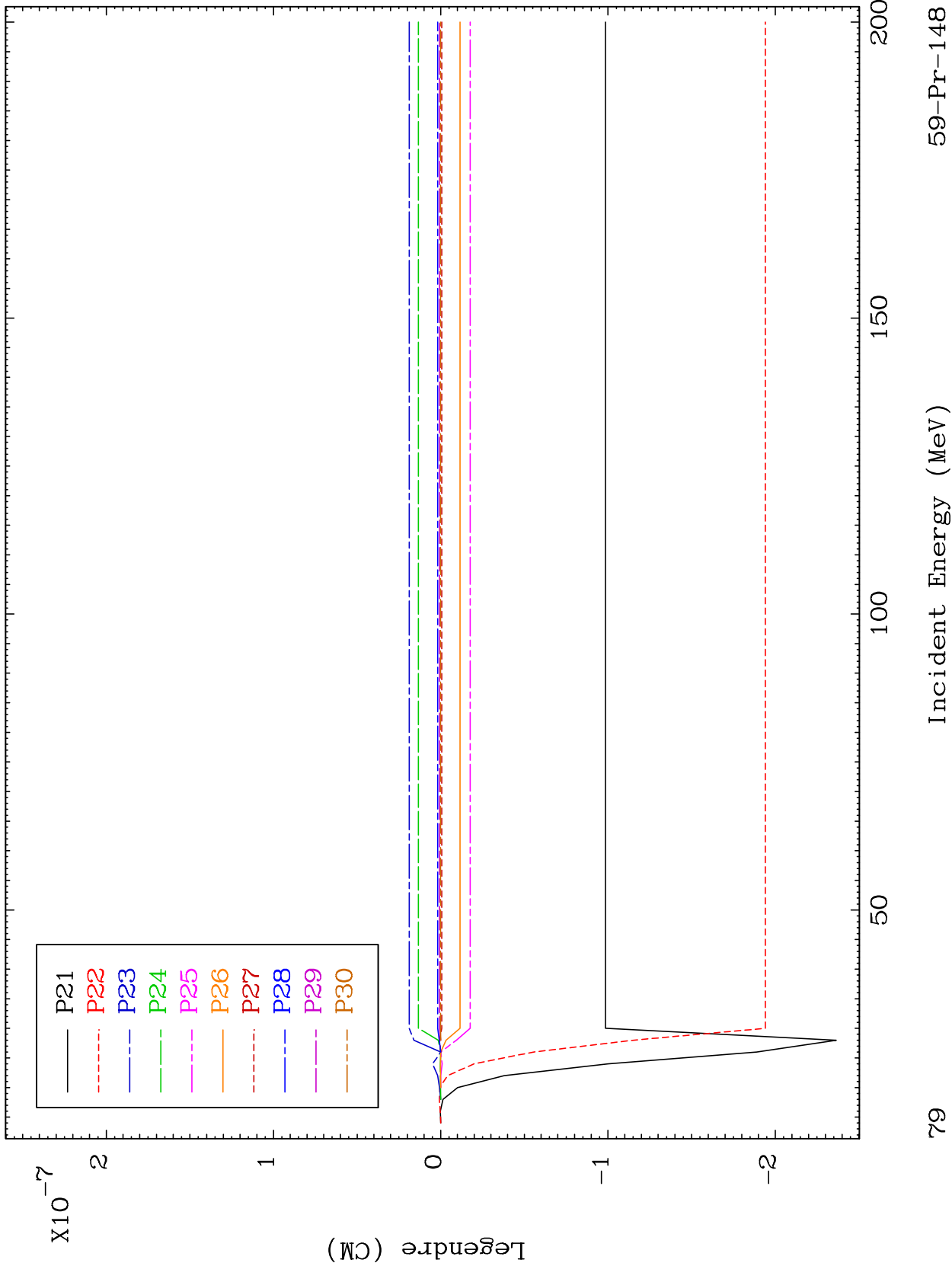
59-Pr-148



78

Incident Energy (MeV)

59-Pr-148

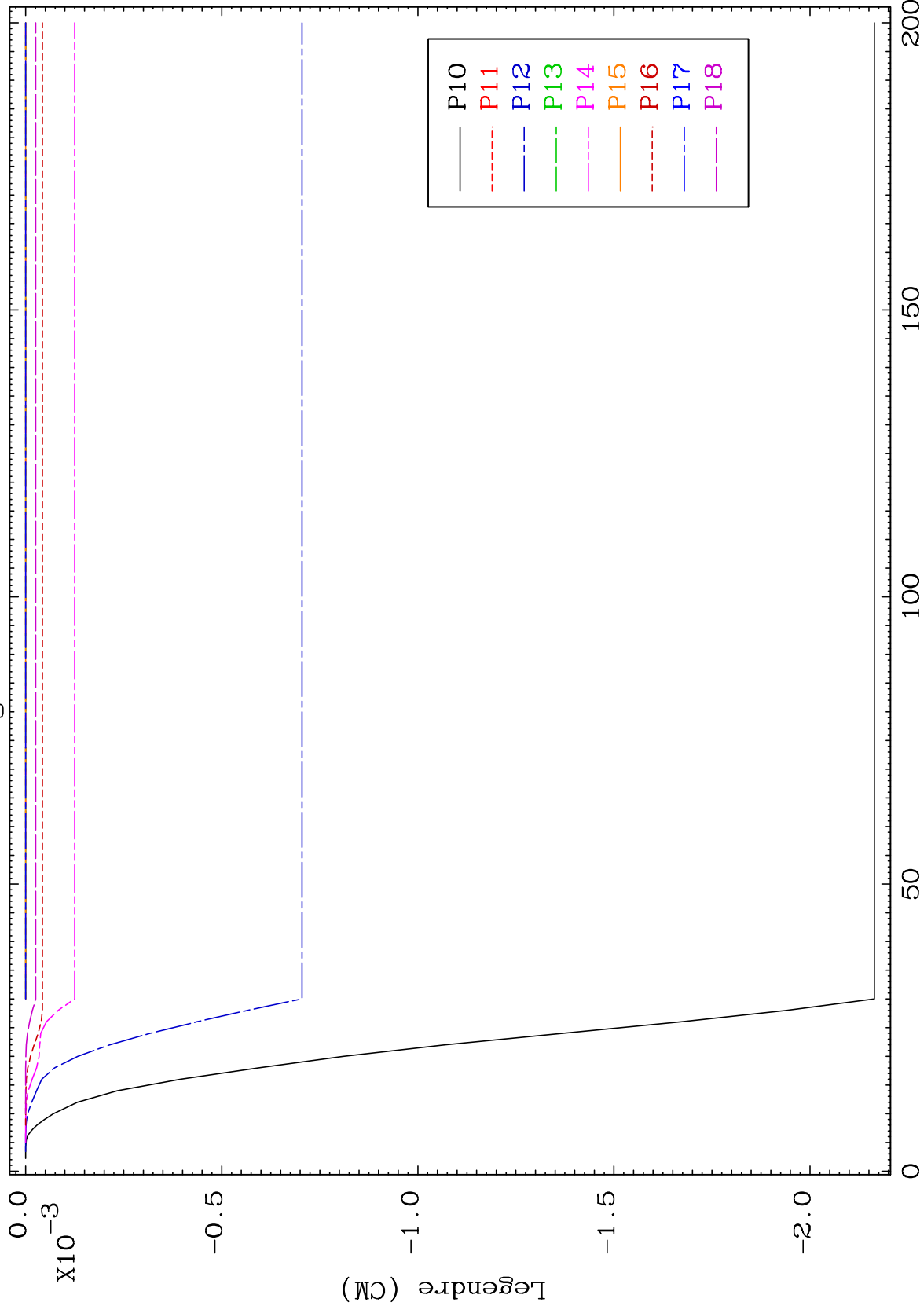


MAT 5946

MT= 69 (n,n') Level

59-Pr-148

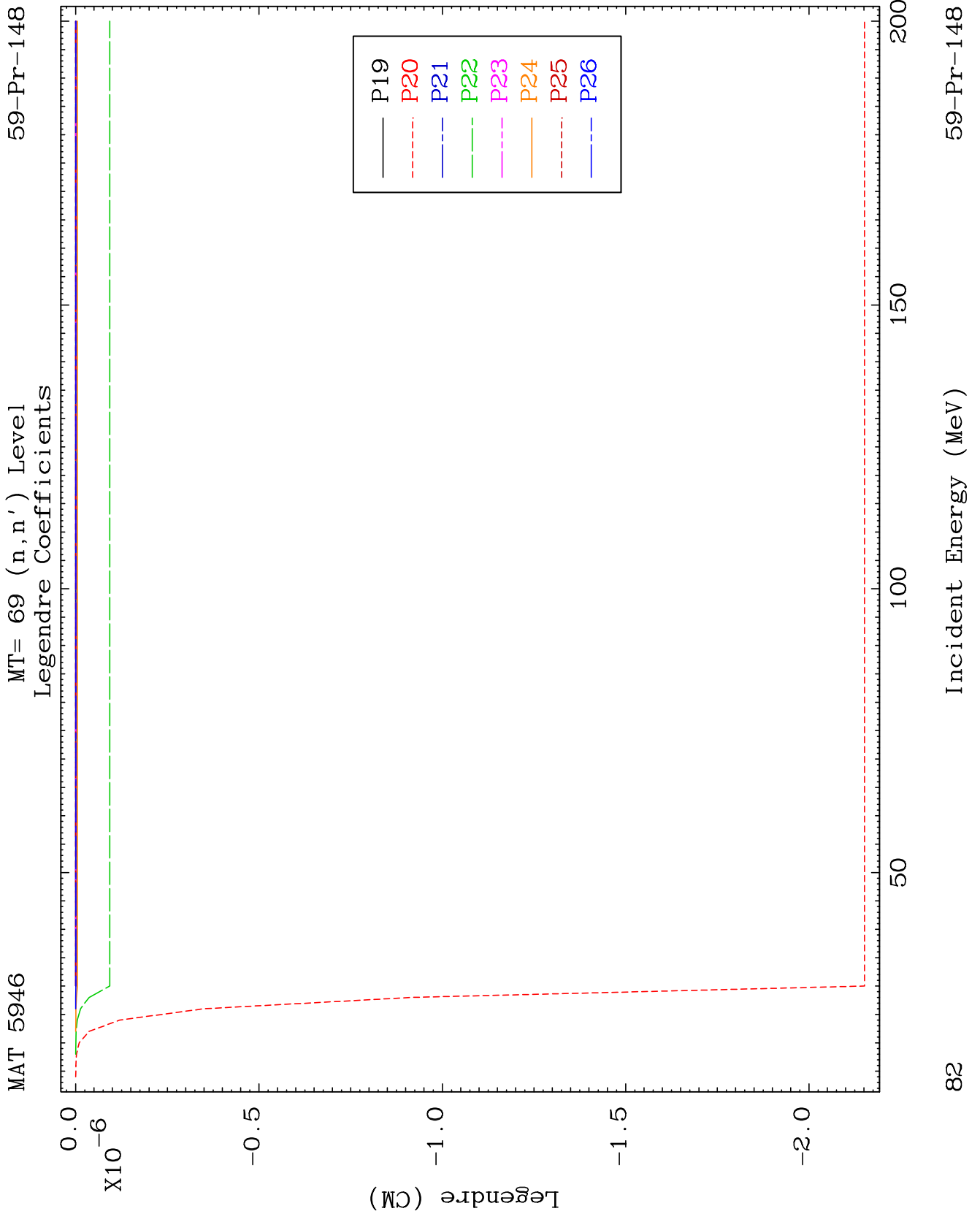
Legendre Coefficients



81

Incident Energy (MeV)

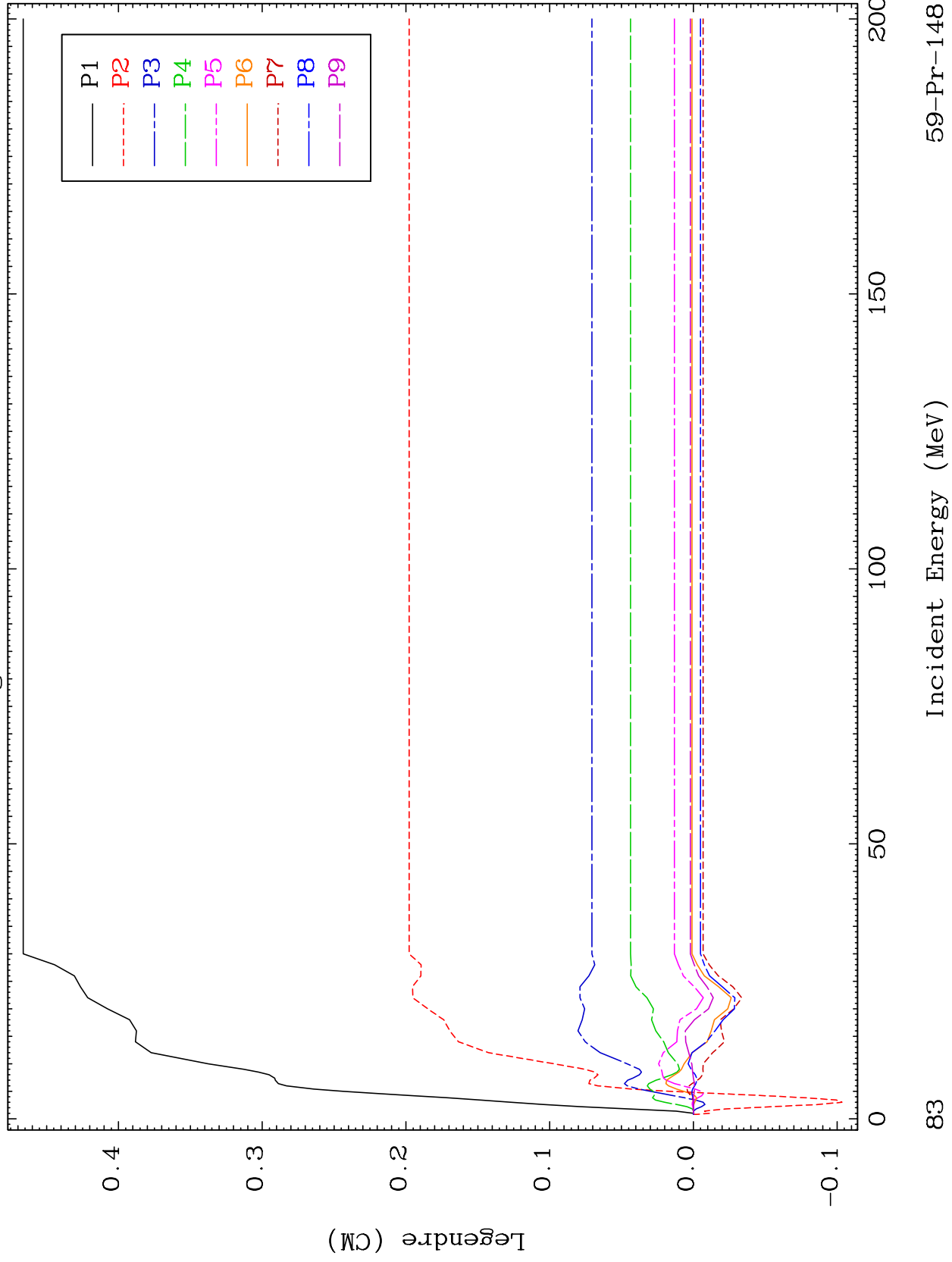
59-Pr-148



MAT 5946

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

59-Pr-148



59-Pr-148

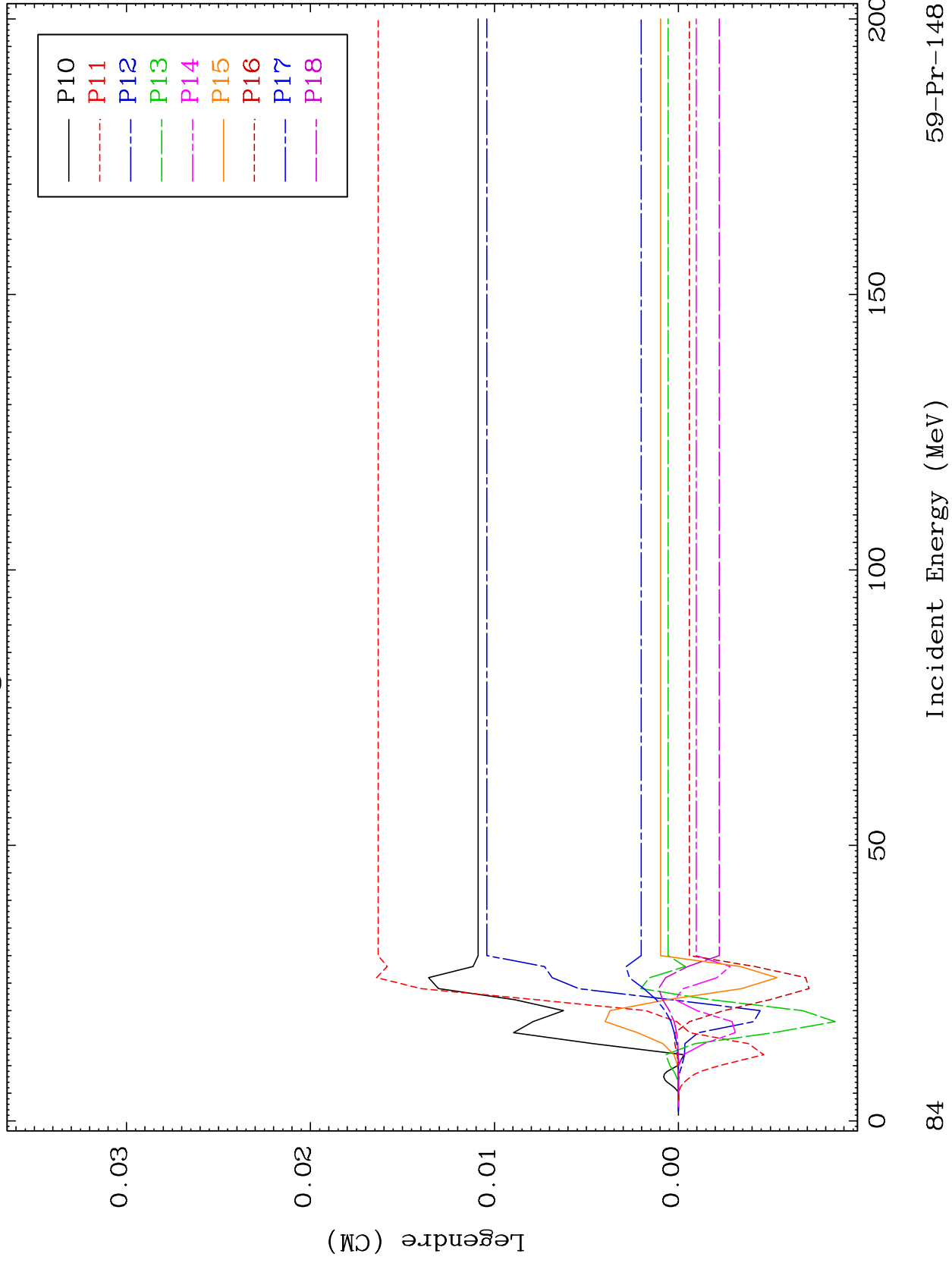
Incident Energy (MeV)

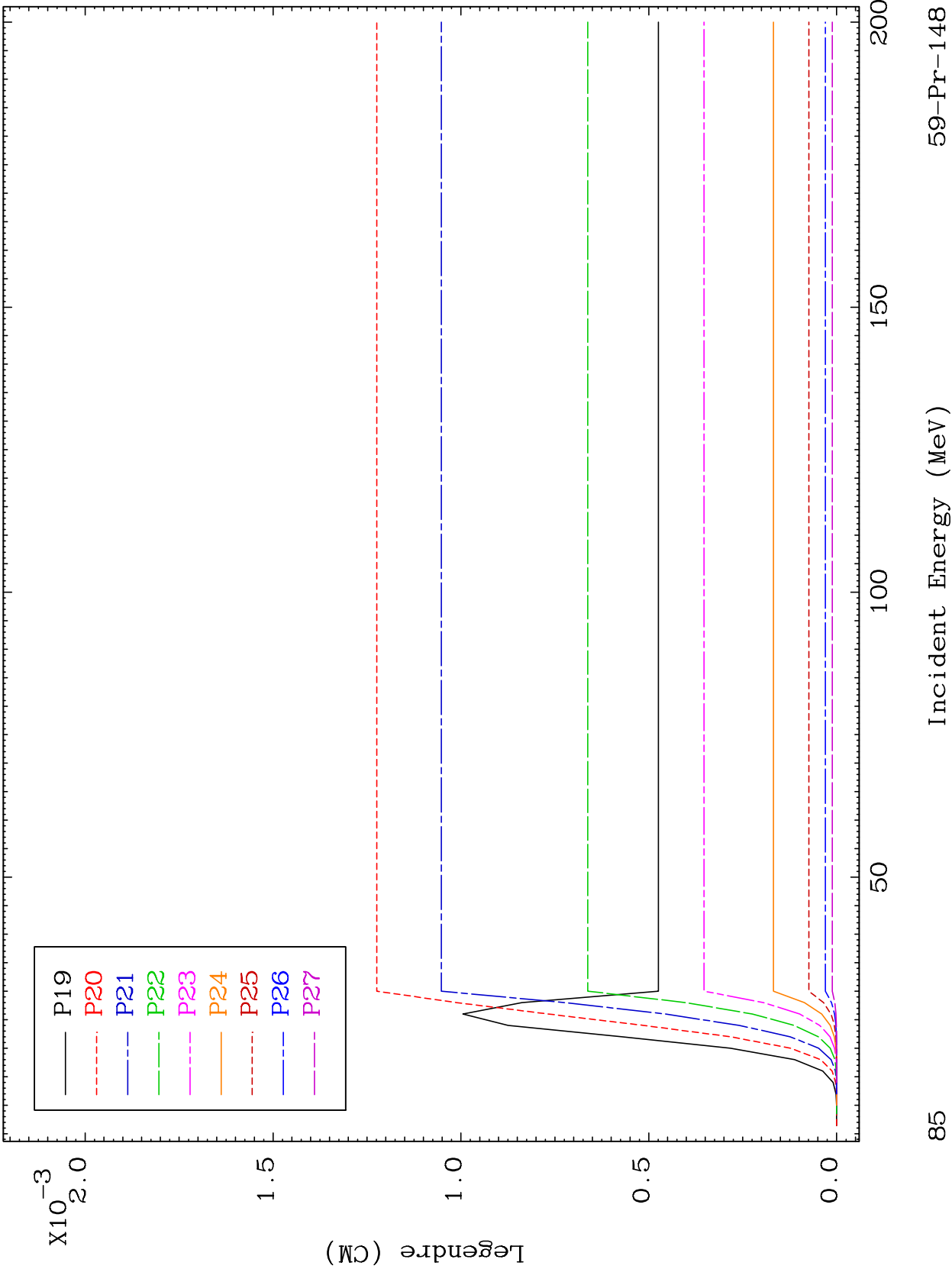
83

MAT 5946

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

59-Pr-148

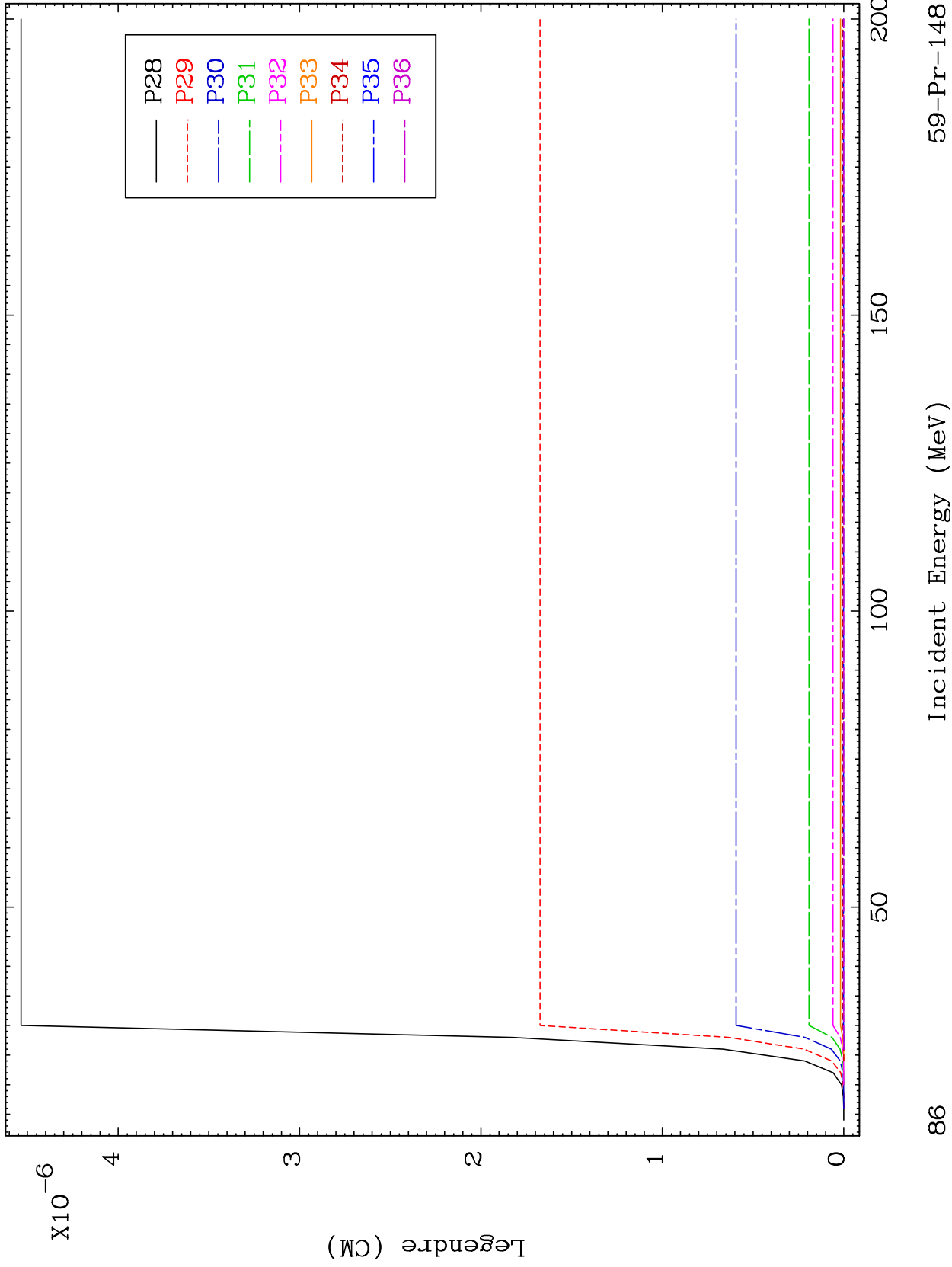




MAT 5946

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

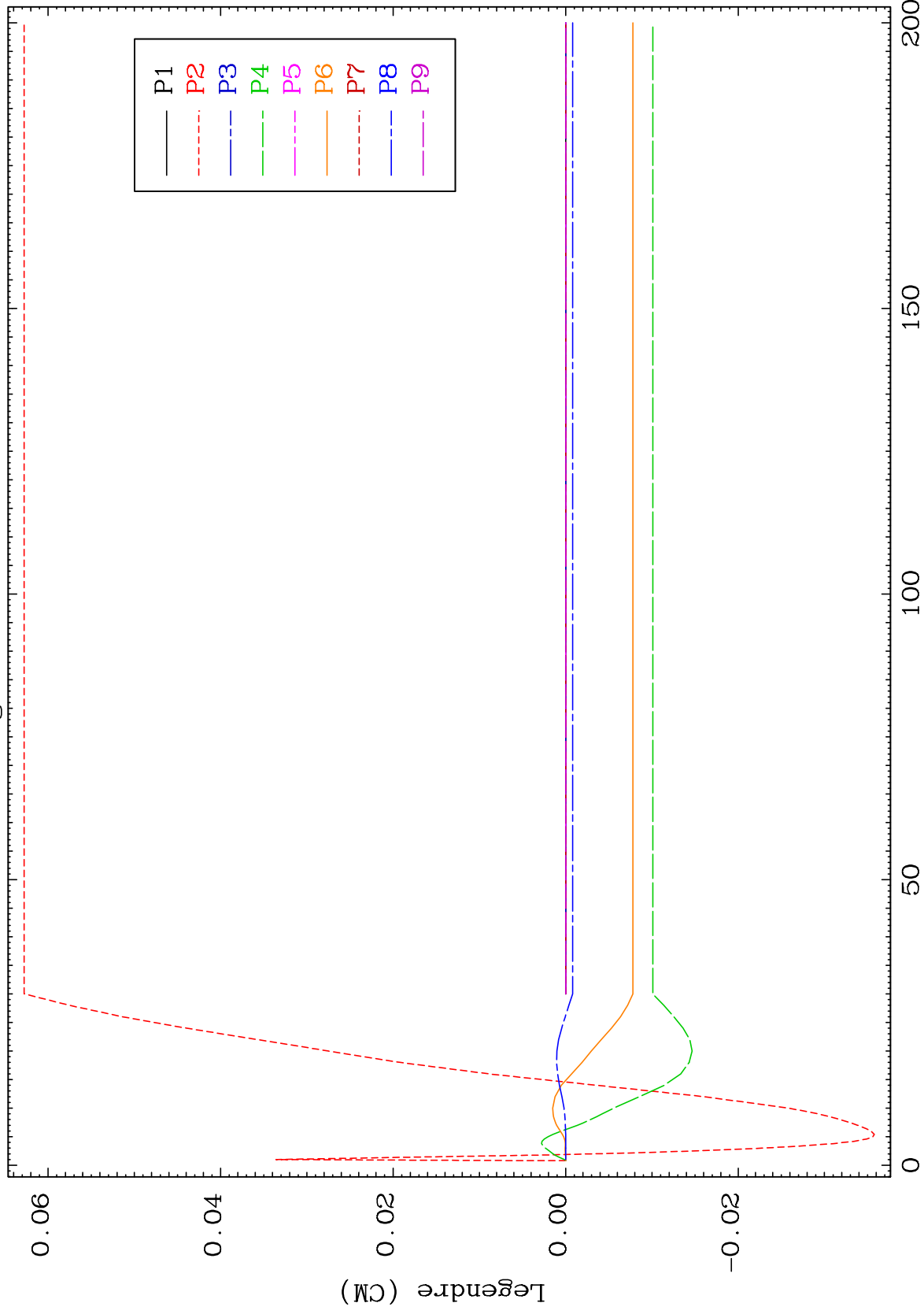
59-Pr-148



MAT 5946

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

59-Pr-148



87

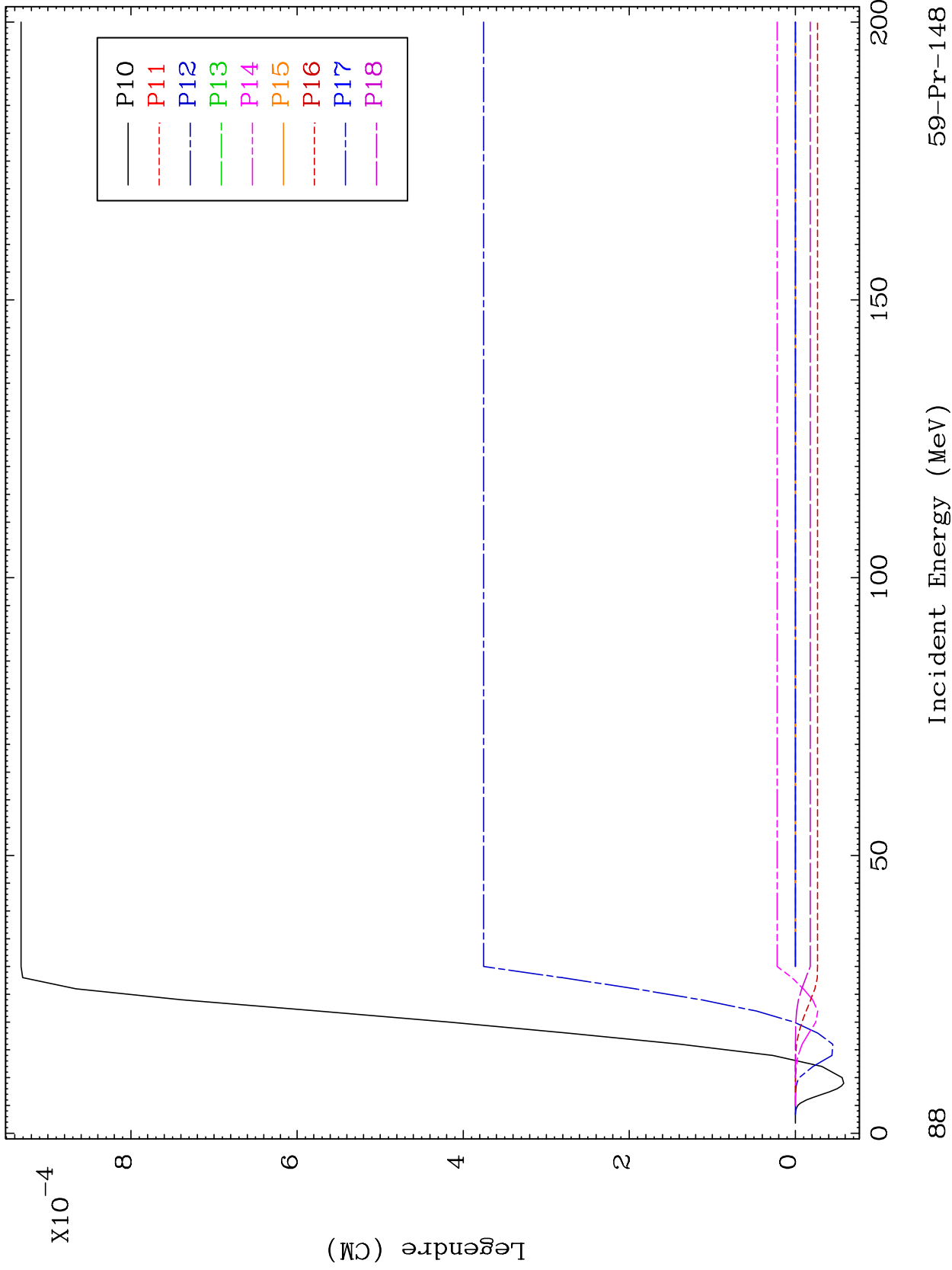
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



59-Pr-148

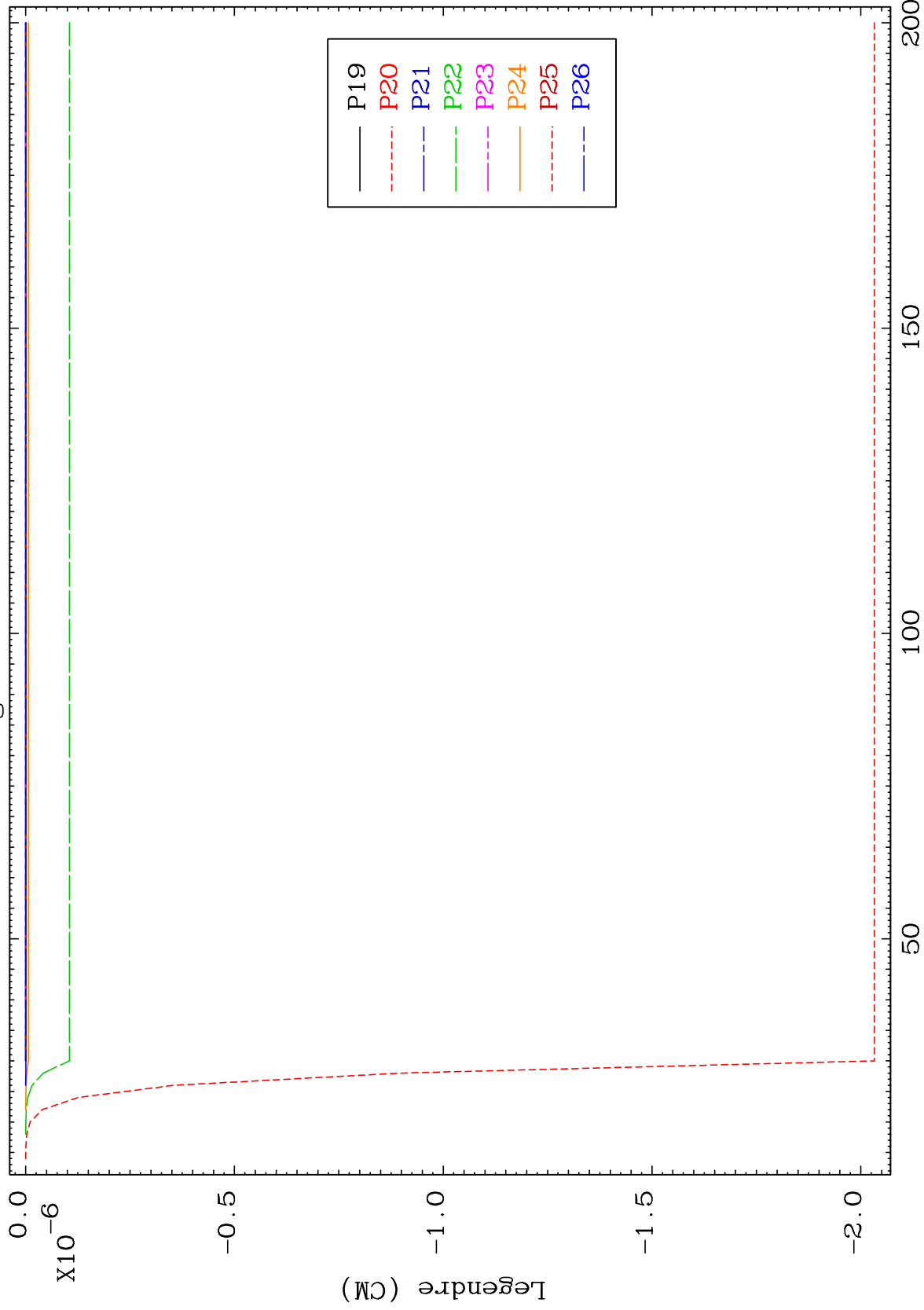
Incident Energy (MeV)

88

MAT 5946

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

59-Pr-148



89

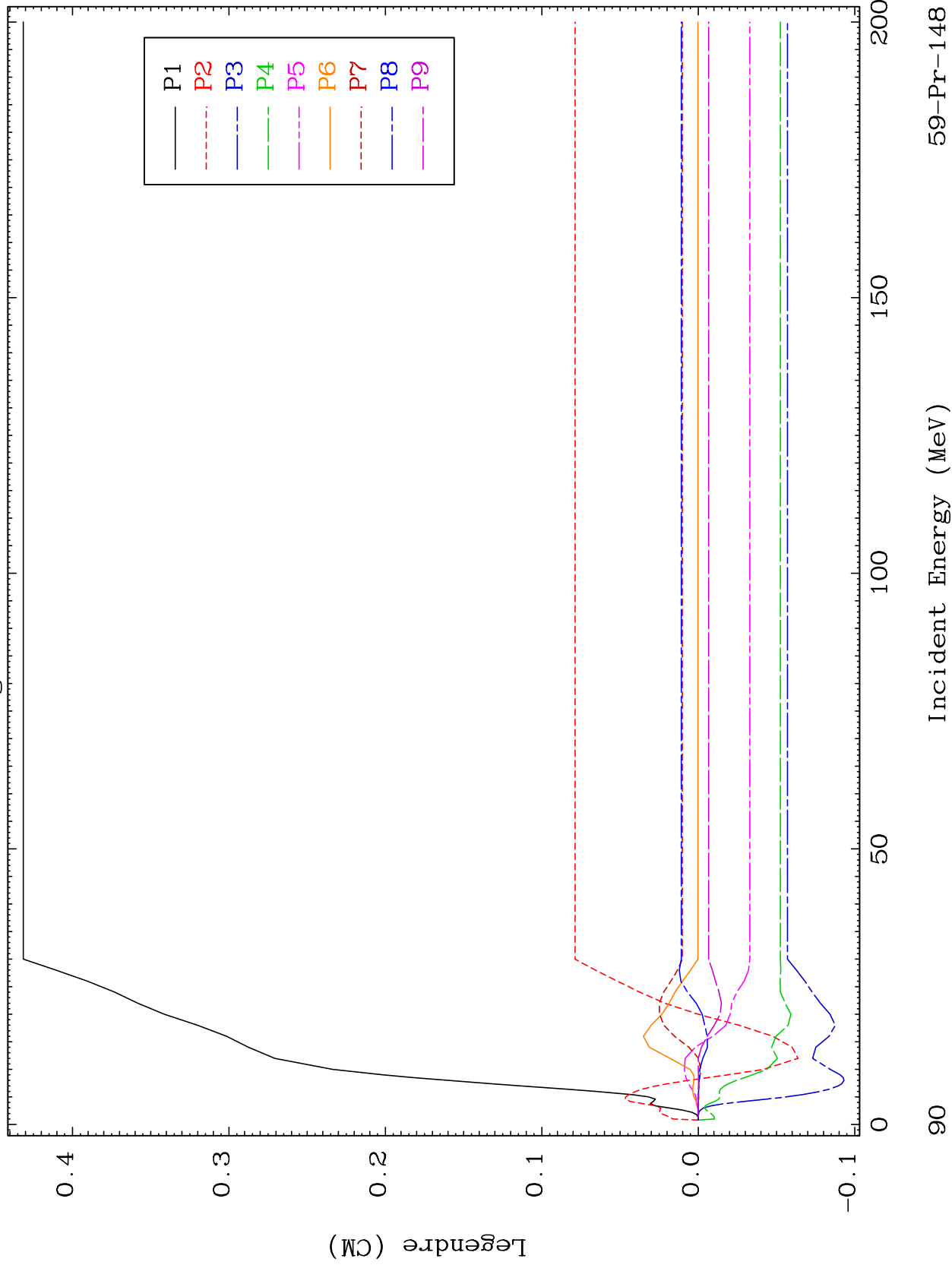
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148

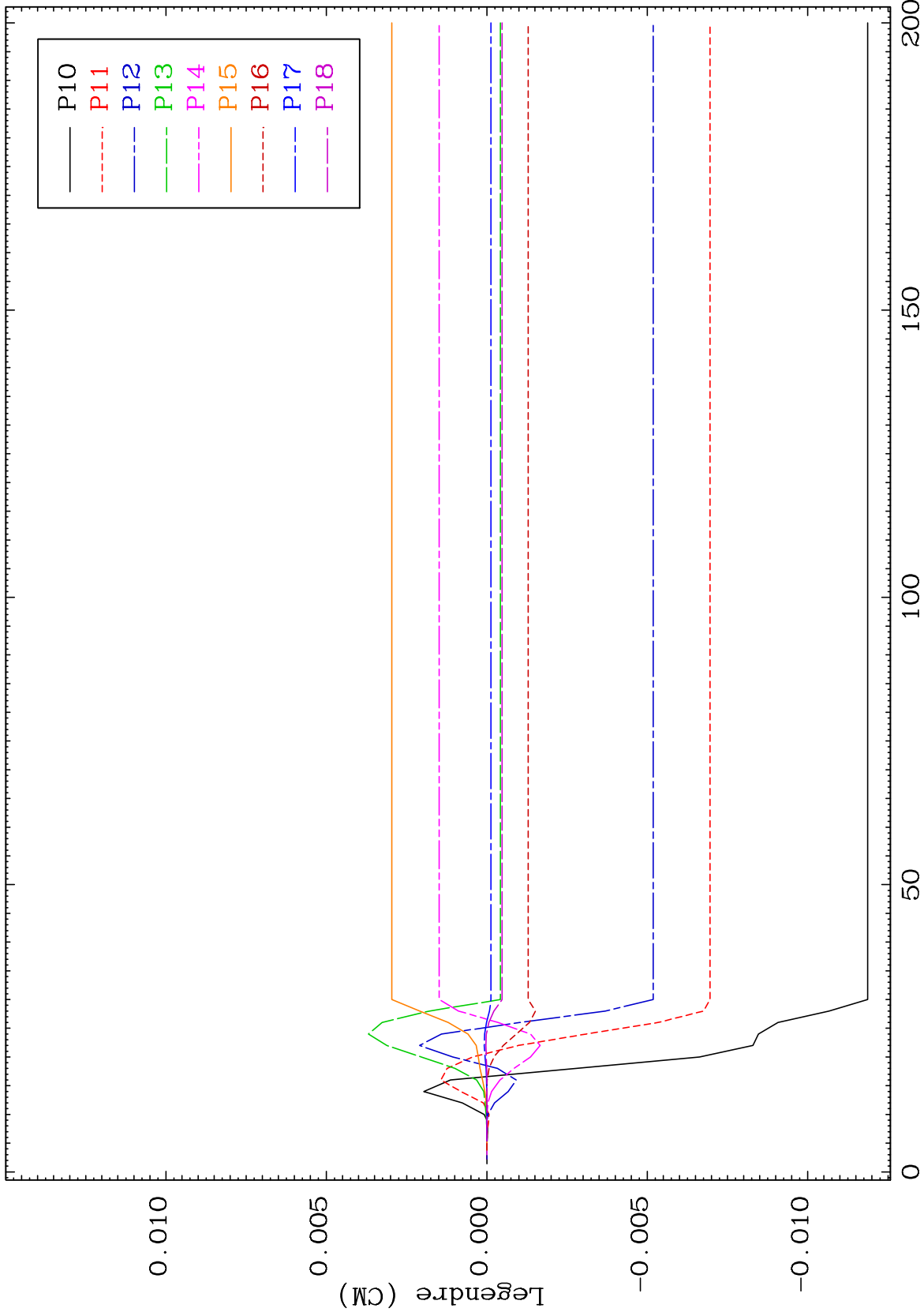


59-Pr-148

MAT 5946

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

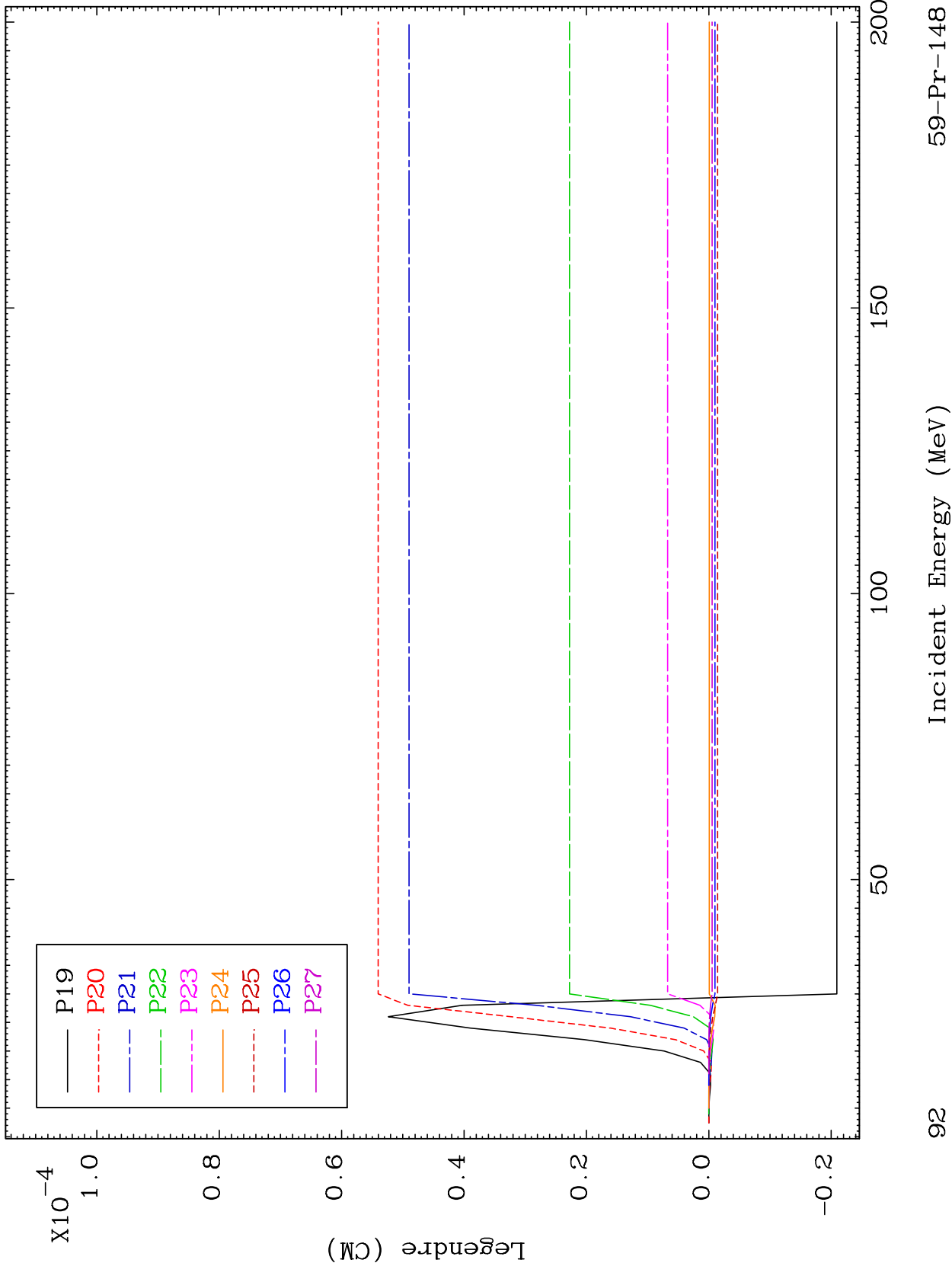
59-Pr-148



91

Incident Energy (MeV)

59-Pr-148

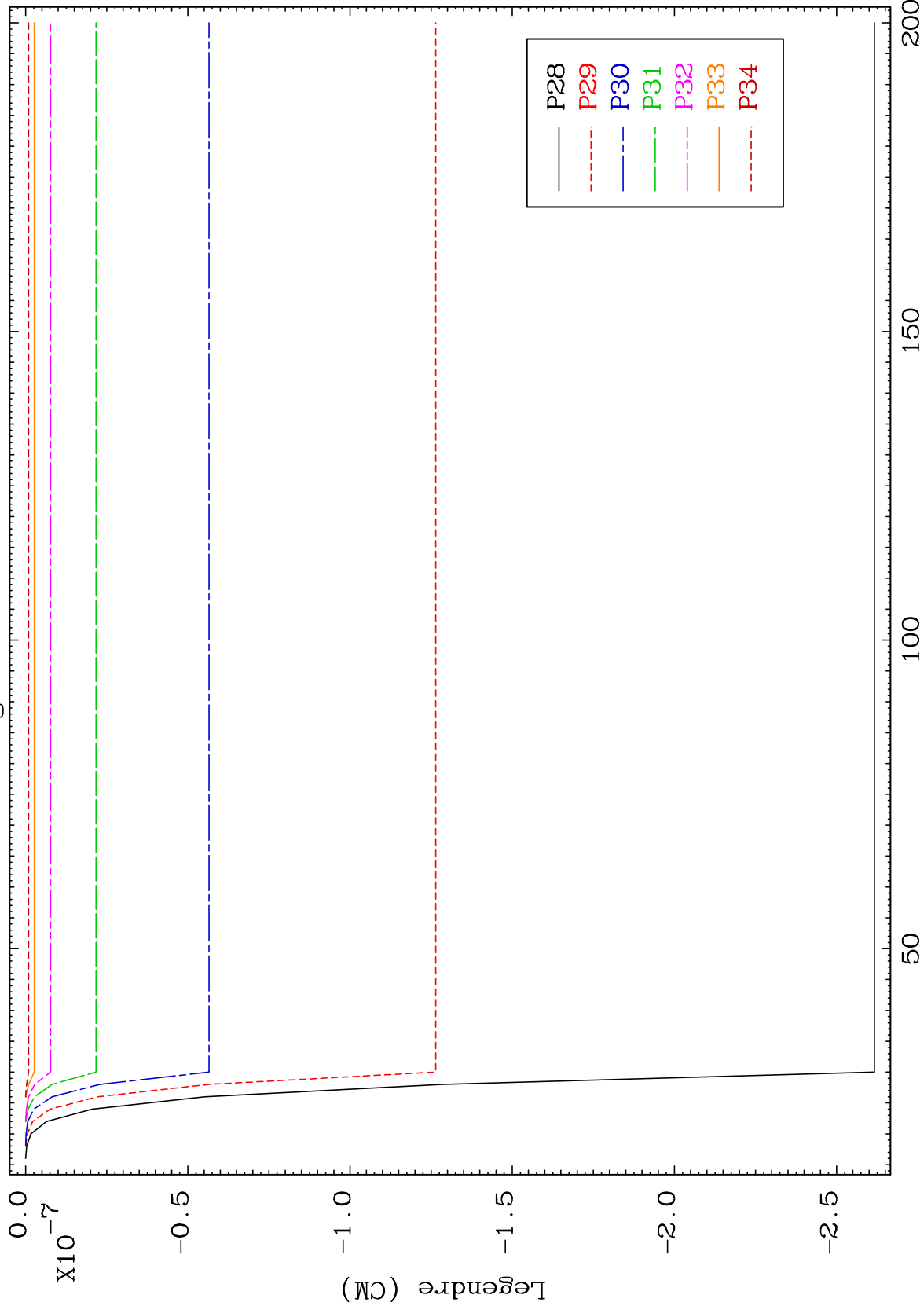


MAT 5946

MT= 72 (n,n') Level

59-Pr-148

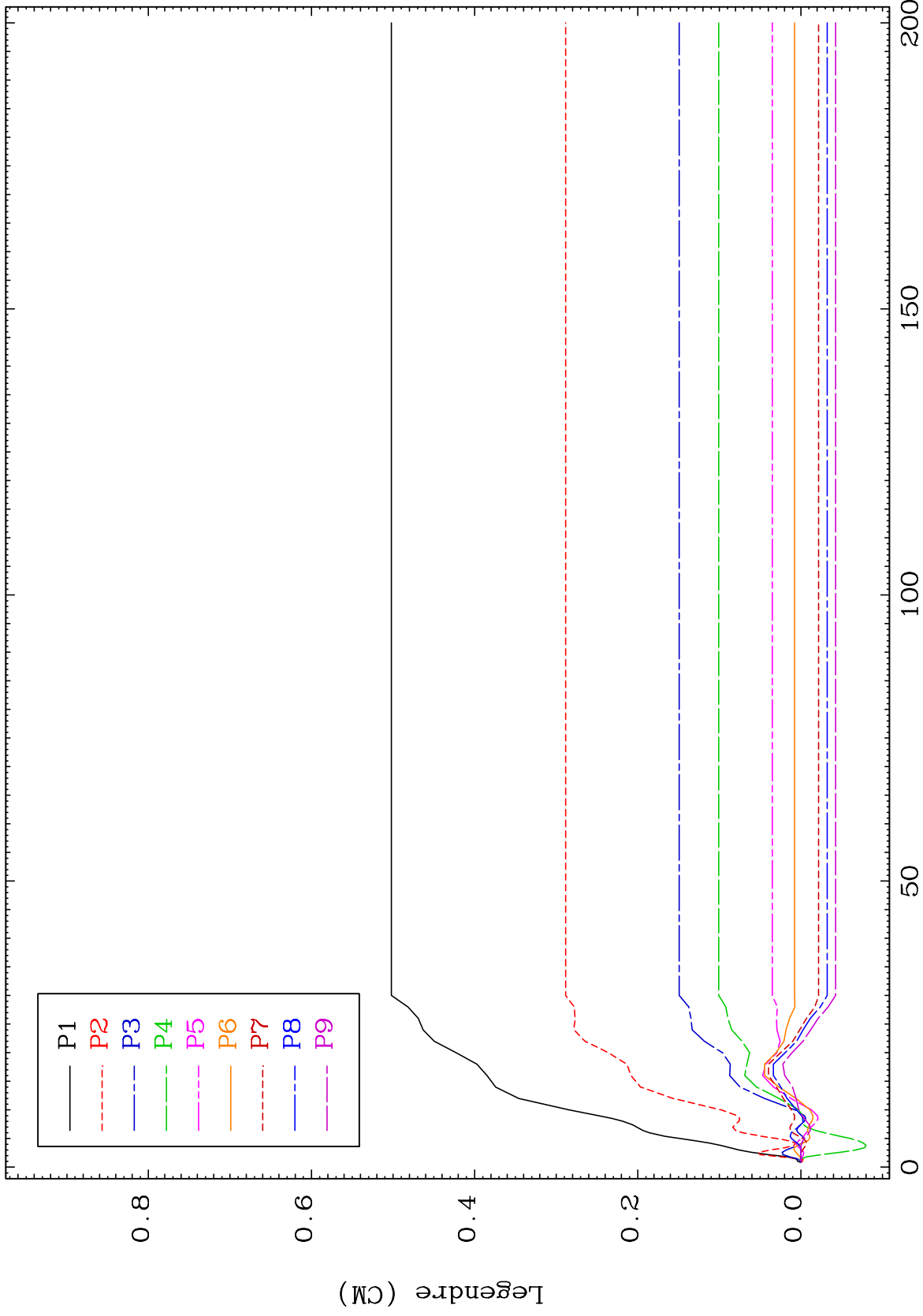
Legendre Coefficients



MAT 5946

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

59-Pr-148



94

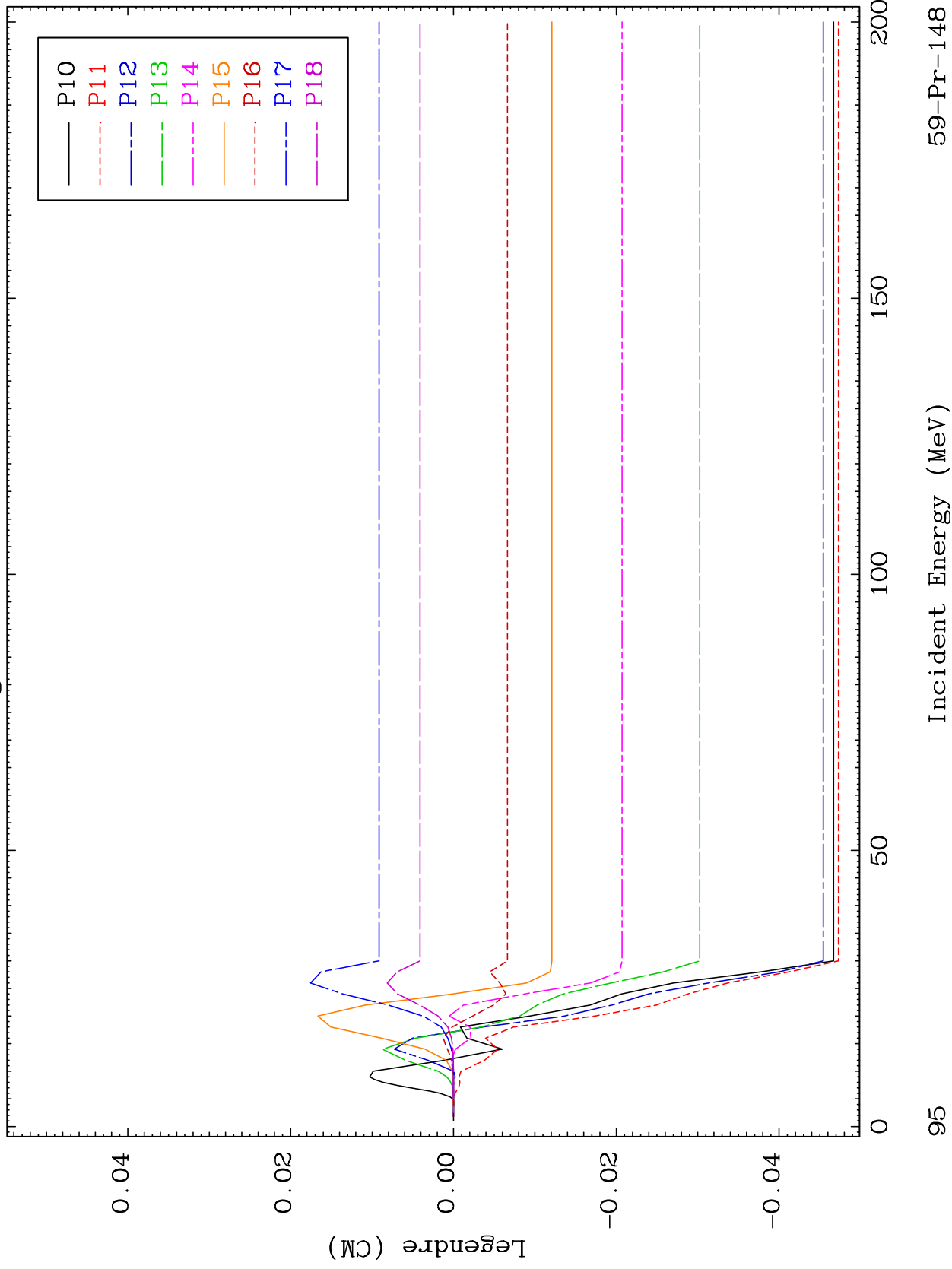
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

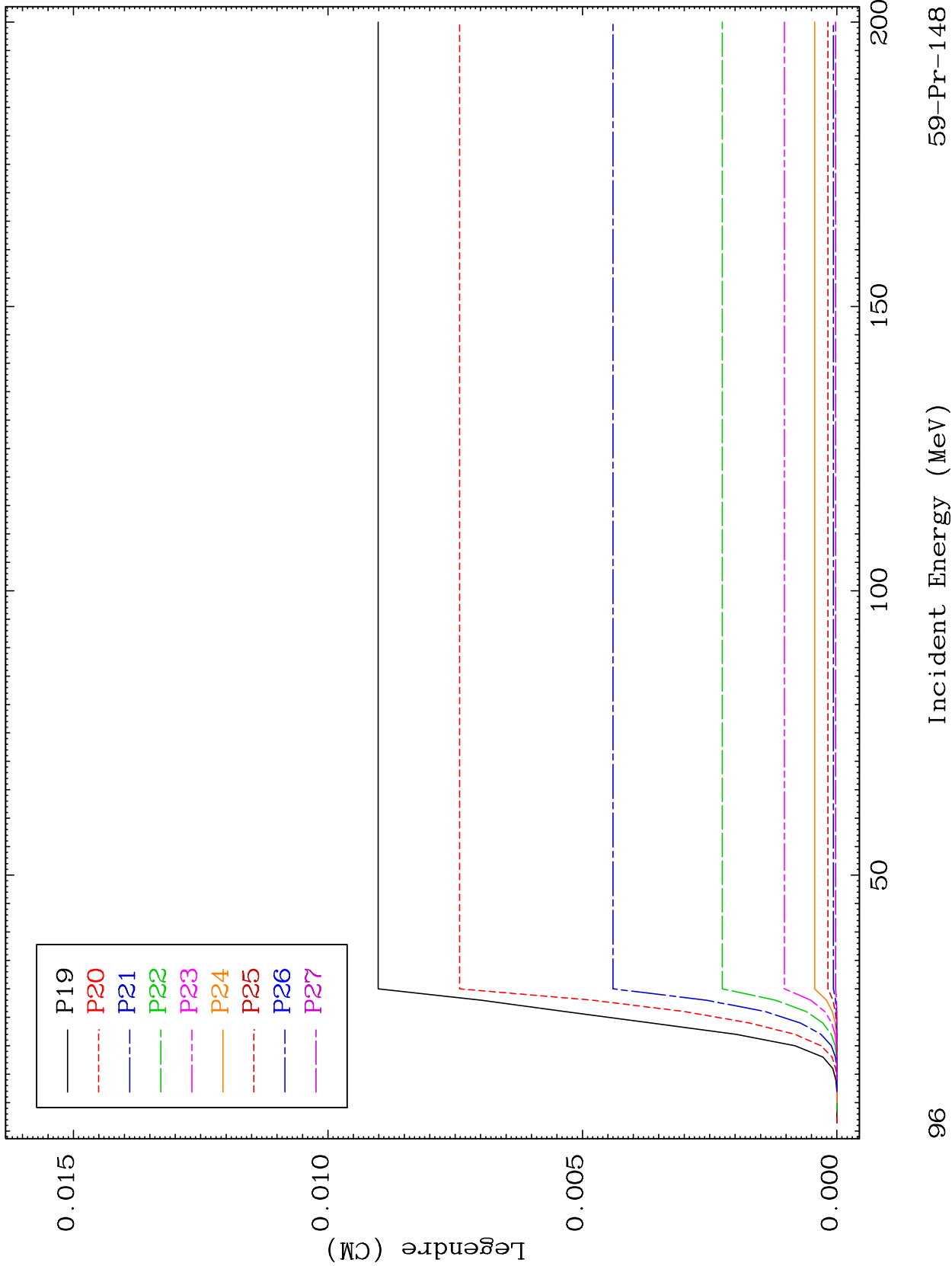
59-Pr-148



59-Pr-148

Incident Energy (MeV)

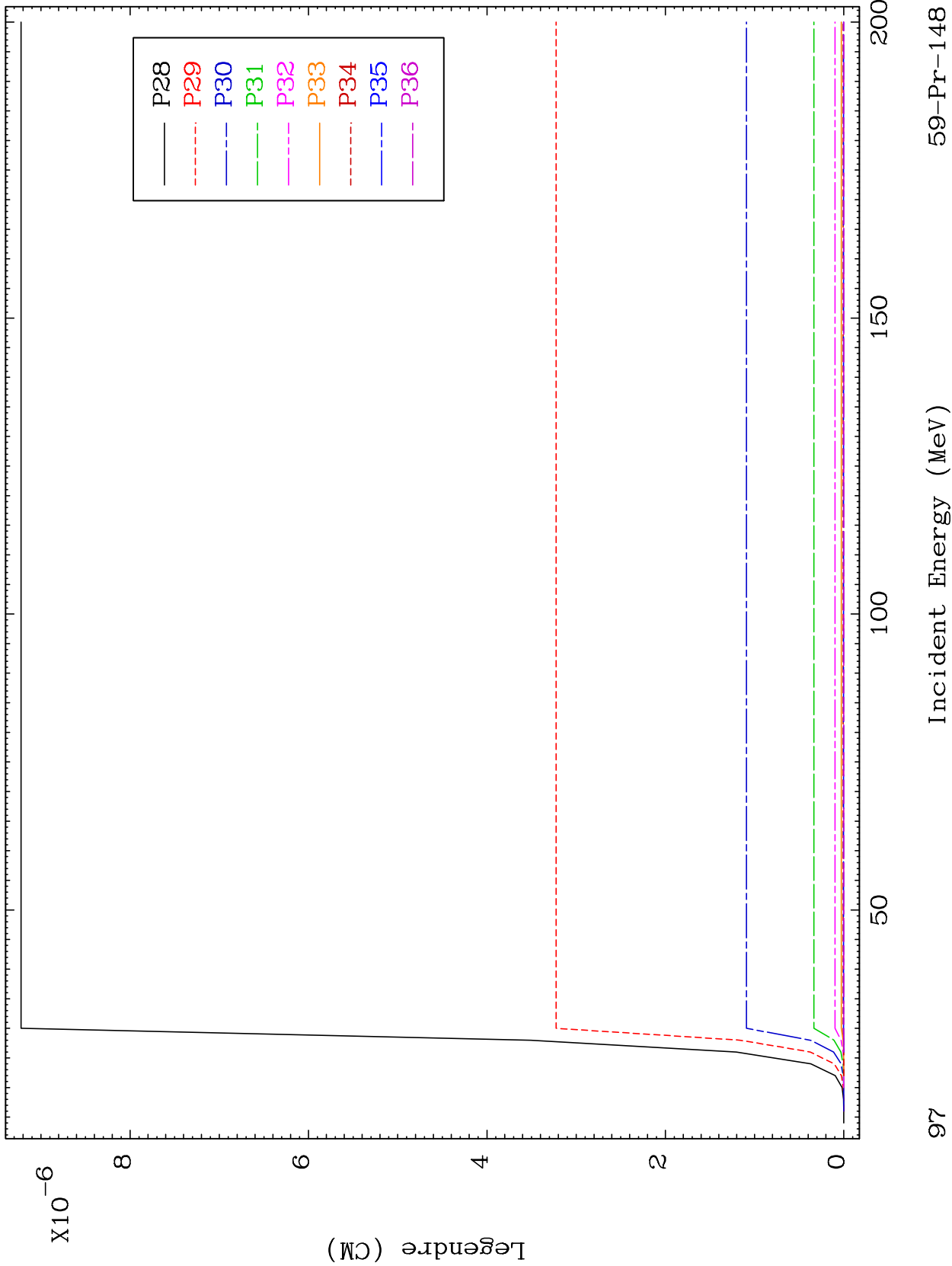
95



MAT 5946

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

59-Pr-148



97

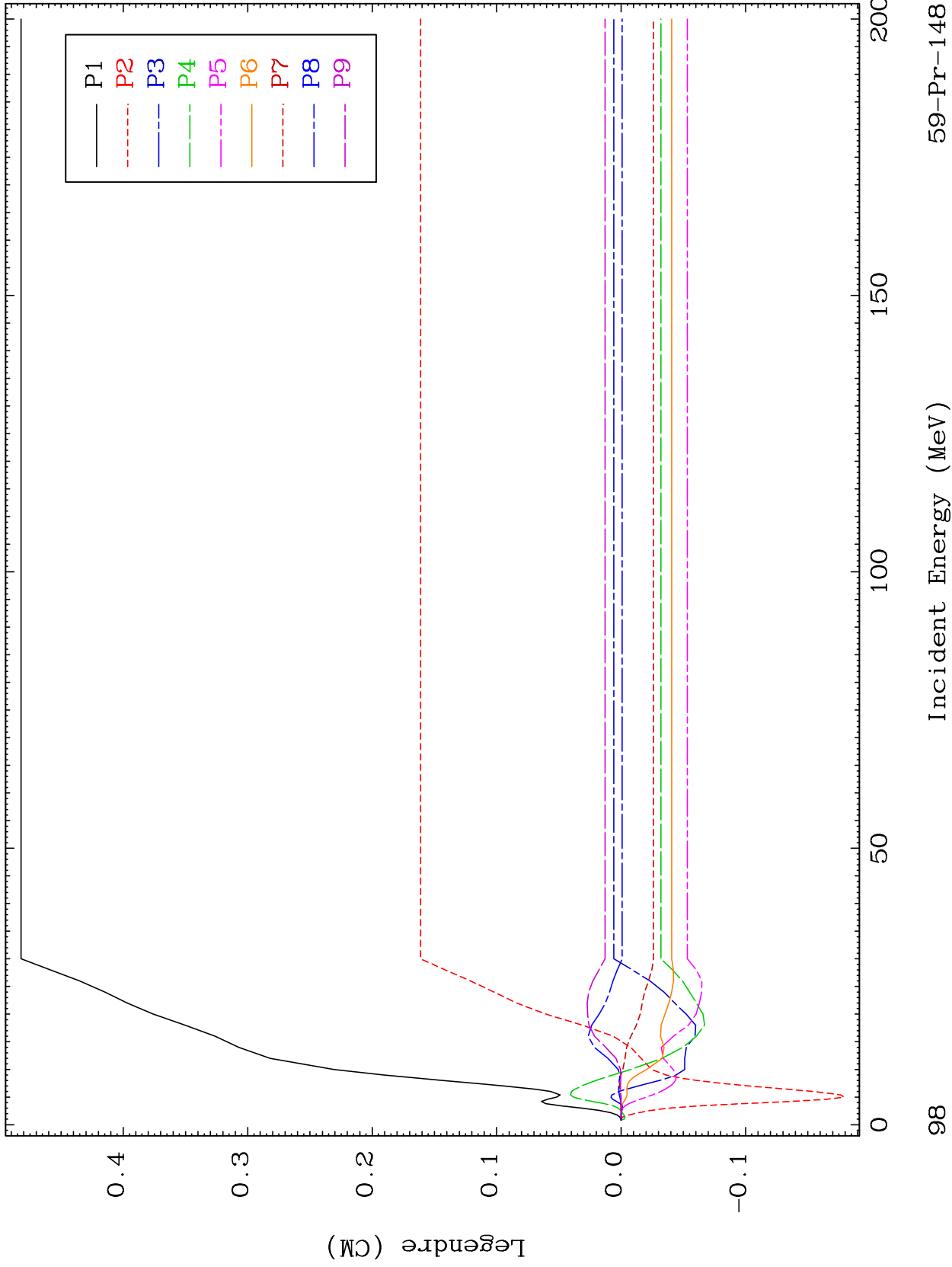
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



59-Pr-148

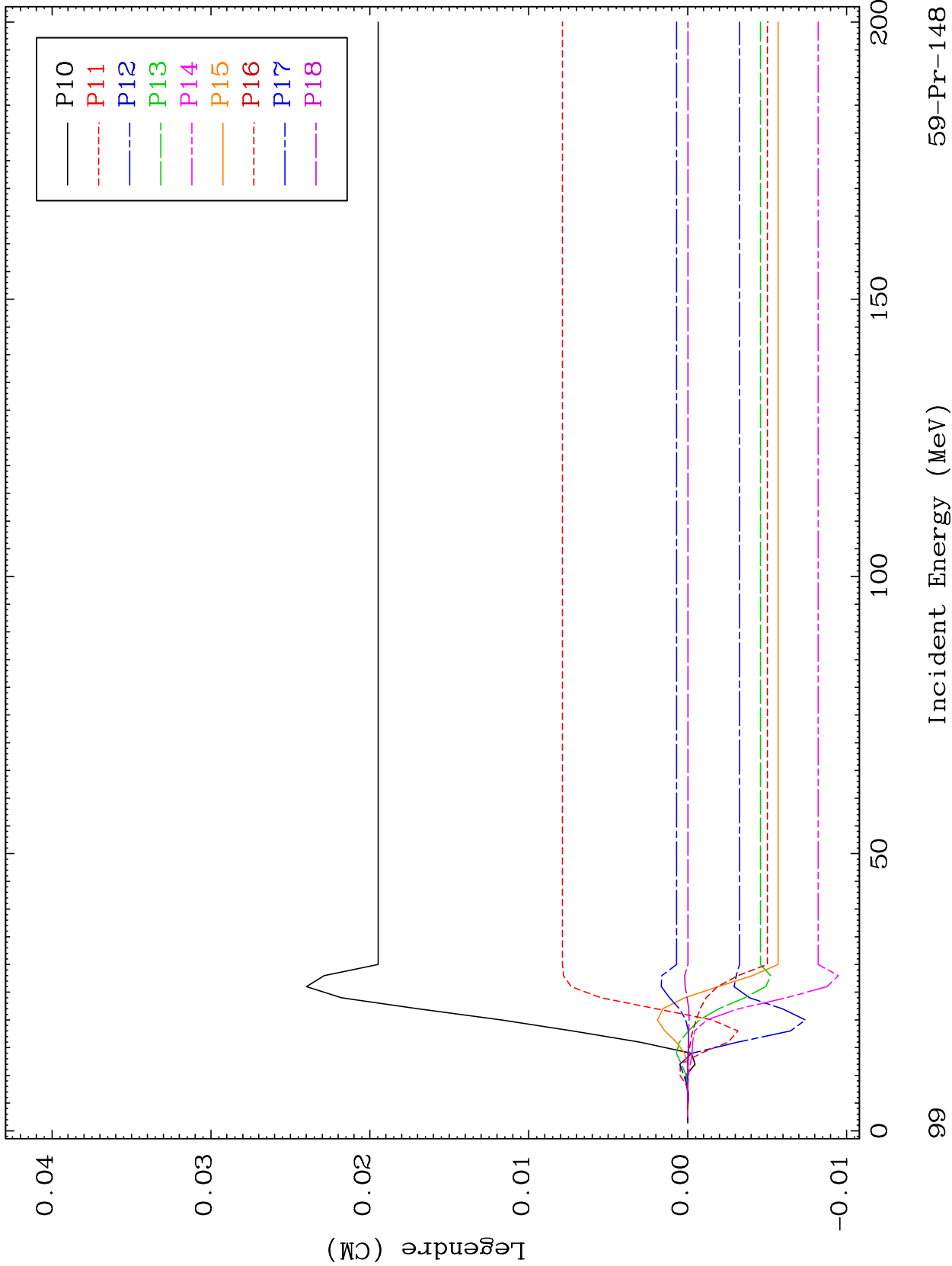
Incident Energy (MeV)

98

MAT 5946

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

59-Pr-148



59-Pr-148

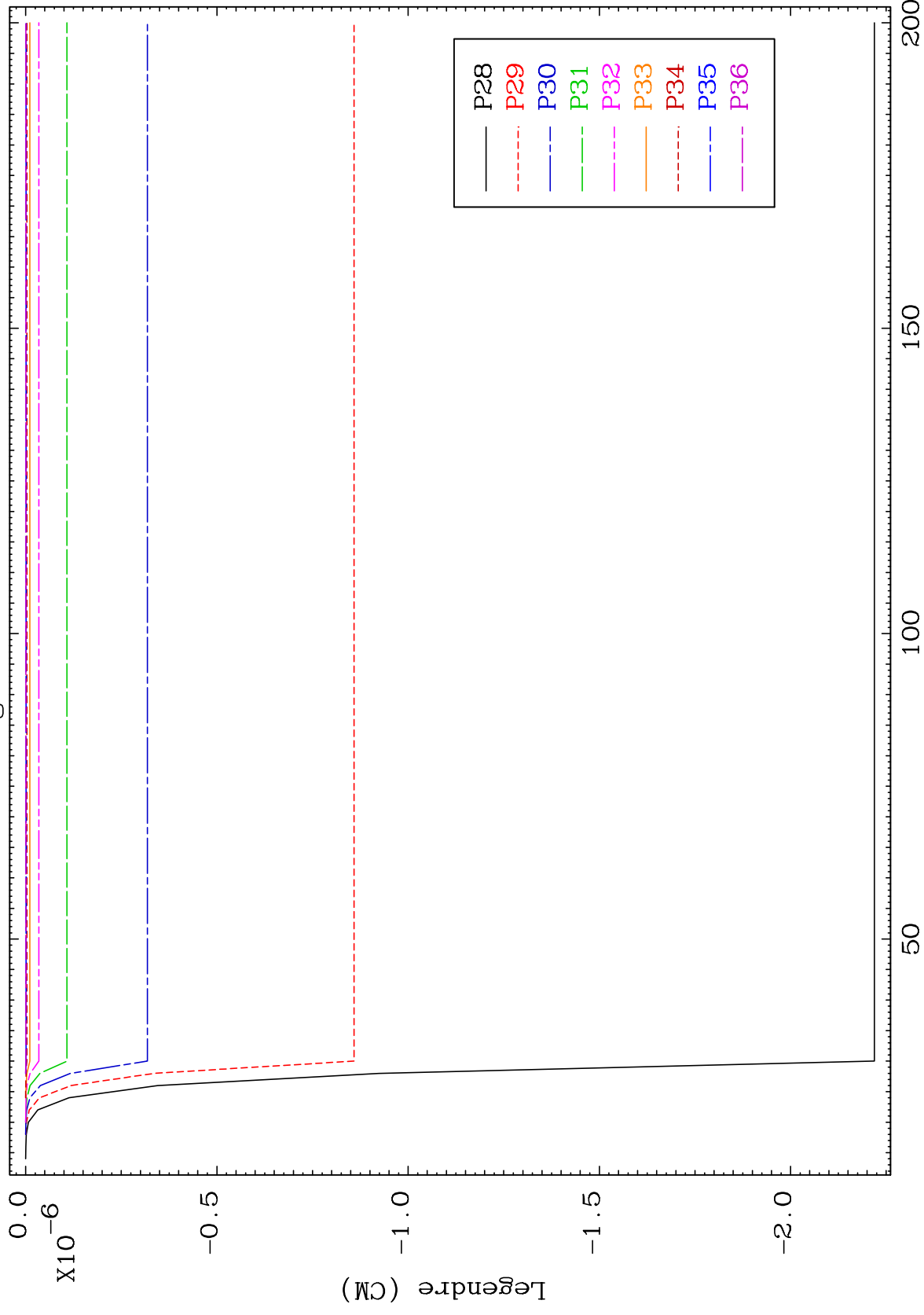
Incident Energy (MeV)

99

MAT 5946

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

59-Pr-148



101

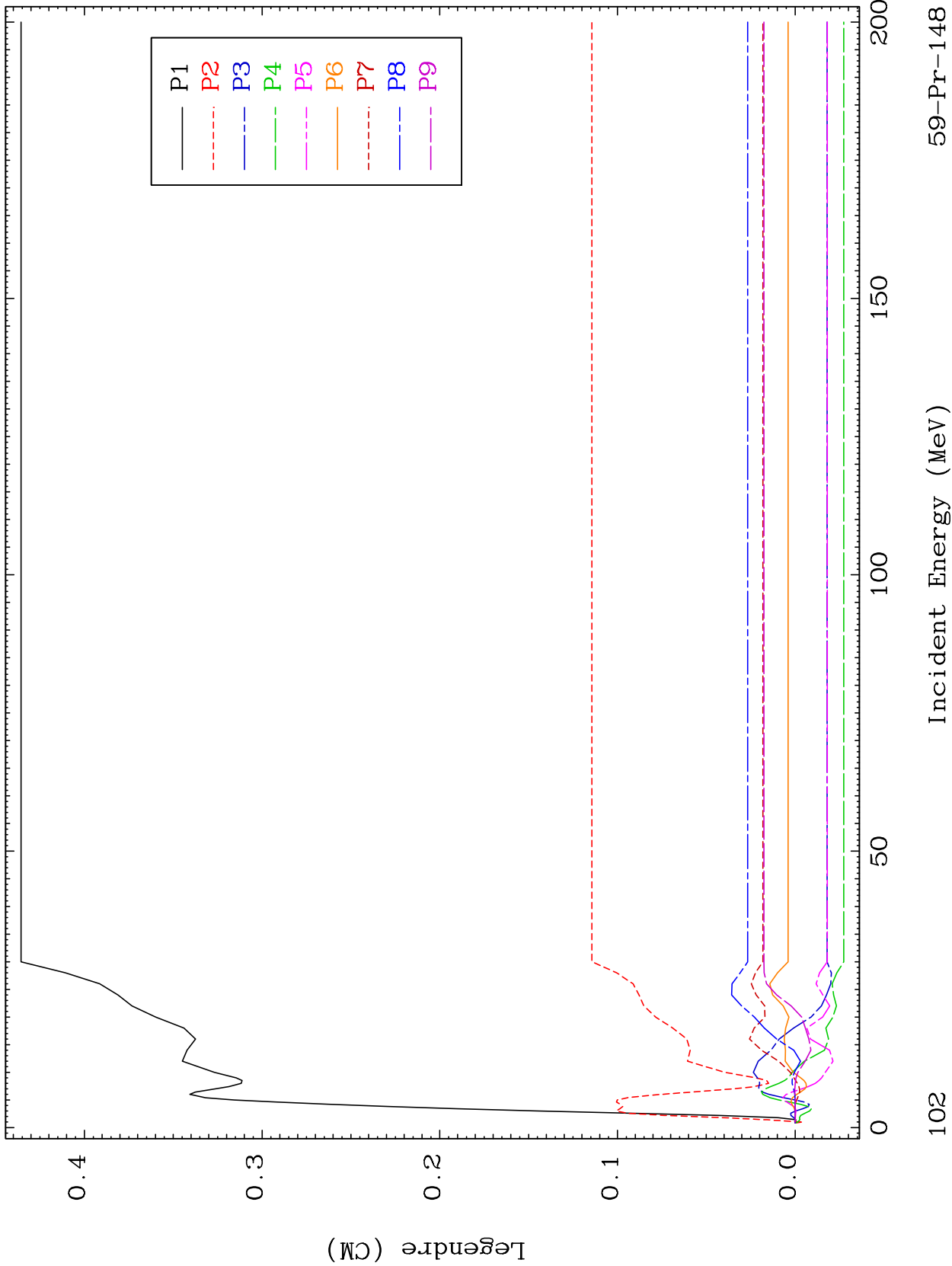
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



59-Pr-148

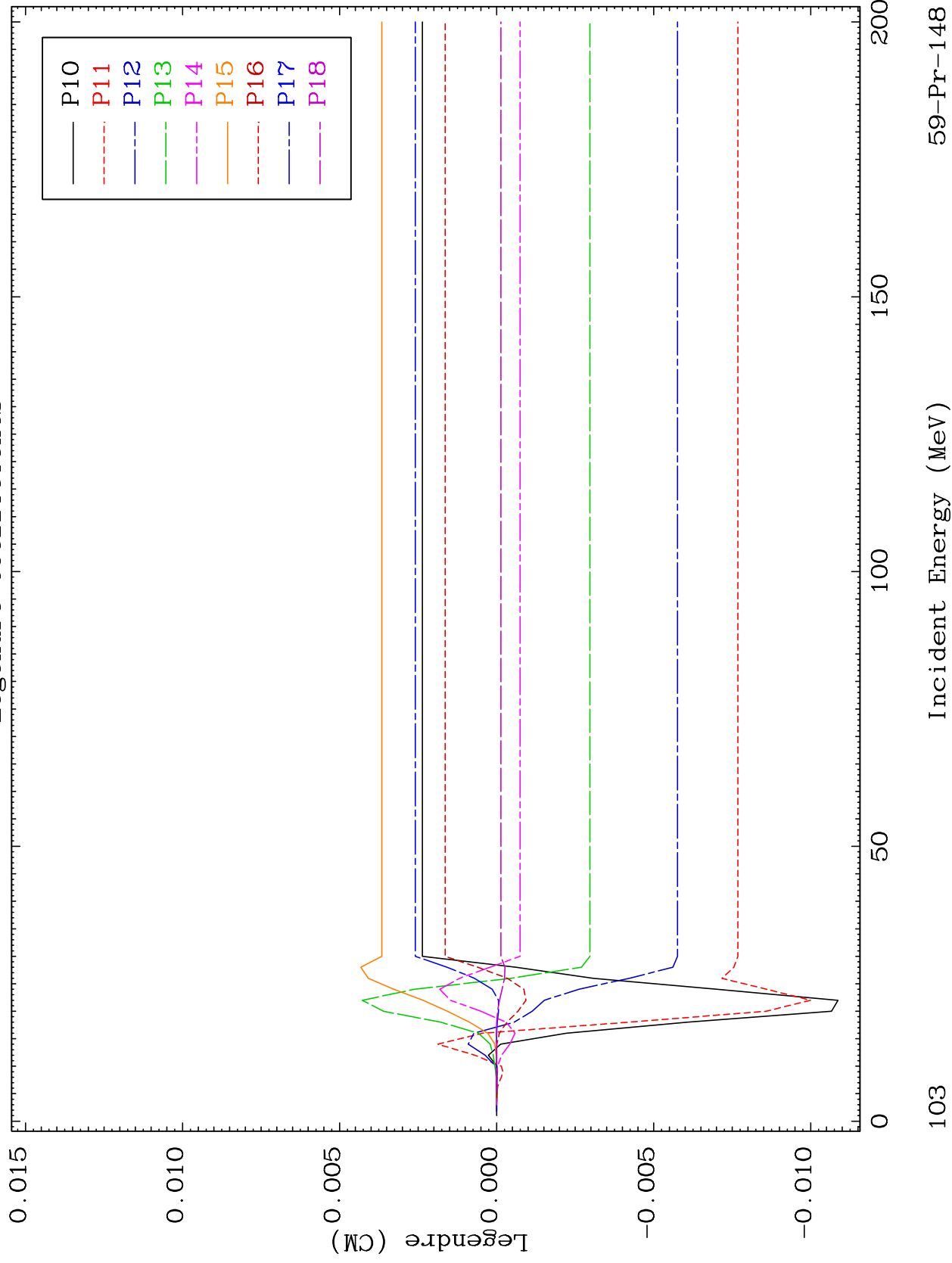
Incident Energy (MeV)

102

MAT 5946

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

59-Pr-148



59-Pr-148

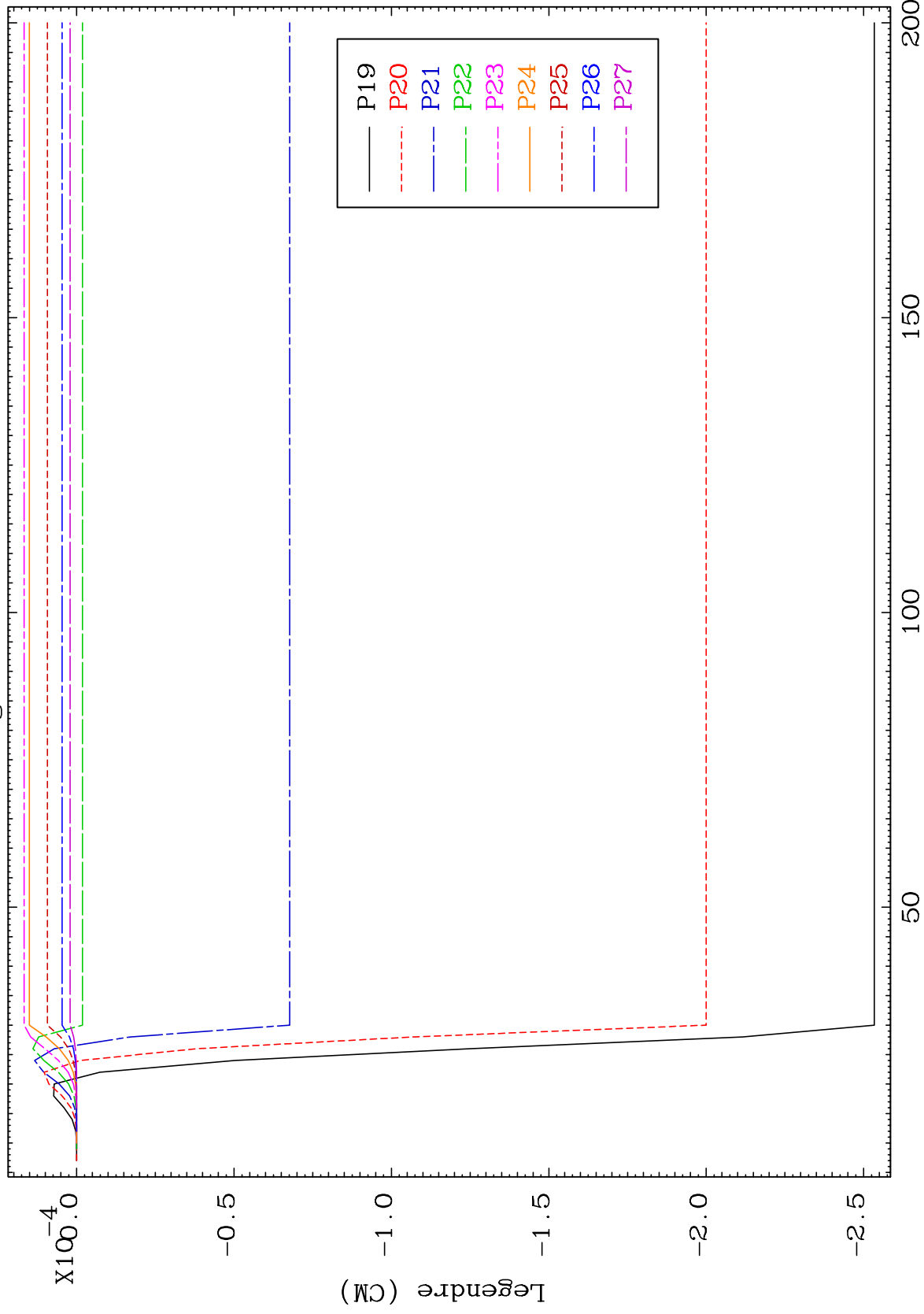
Incident Energy (MeV)

103

MAT 5946

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

59-Pr-148



104

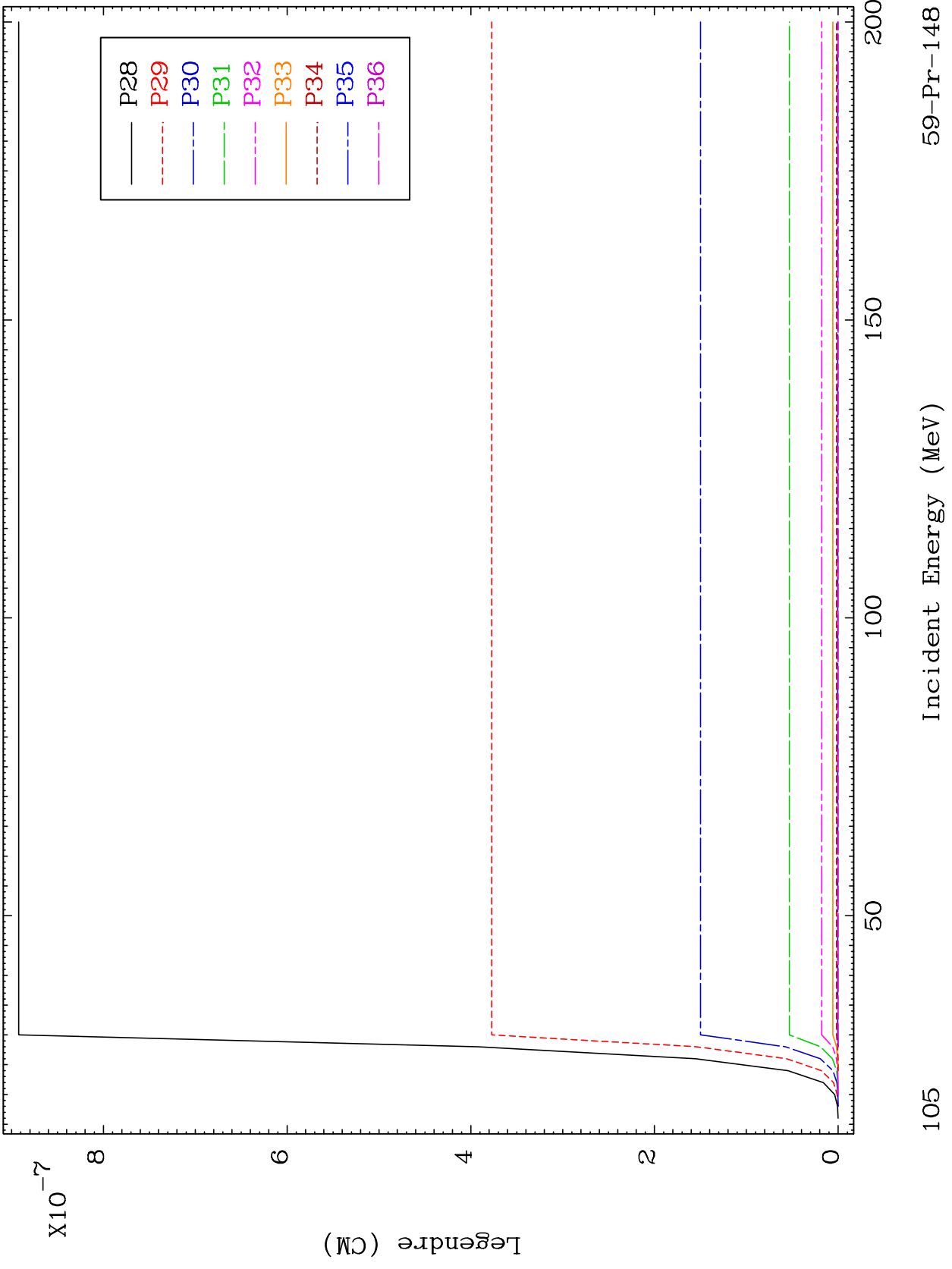
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



105

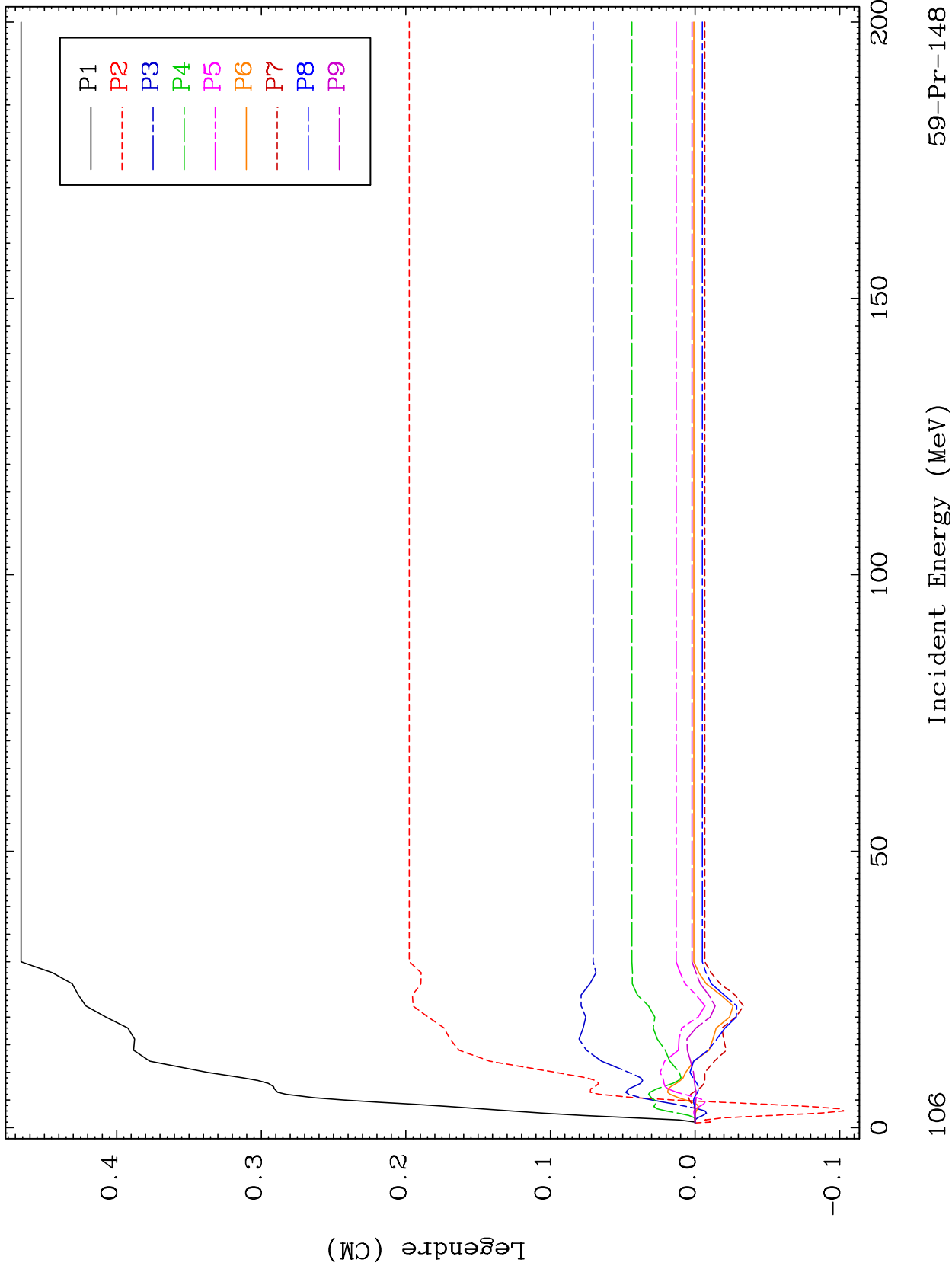
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



59-Pr-148

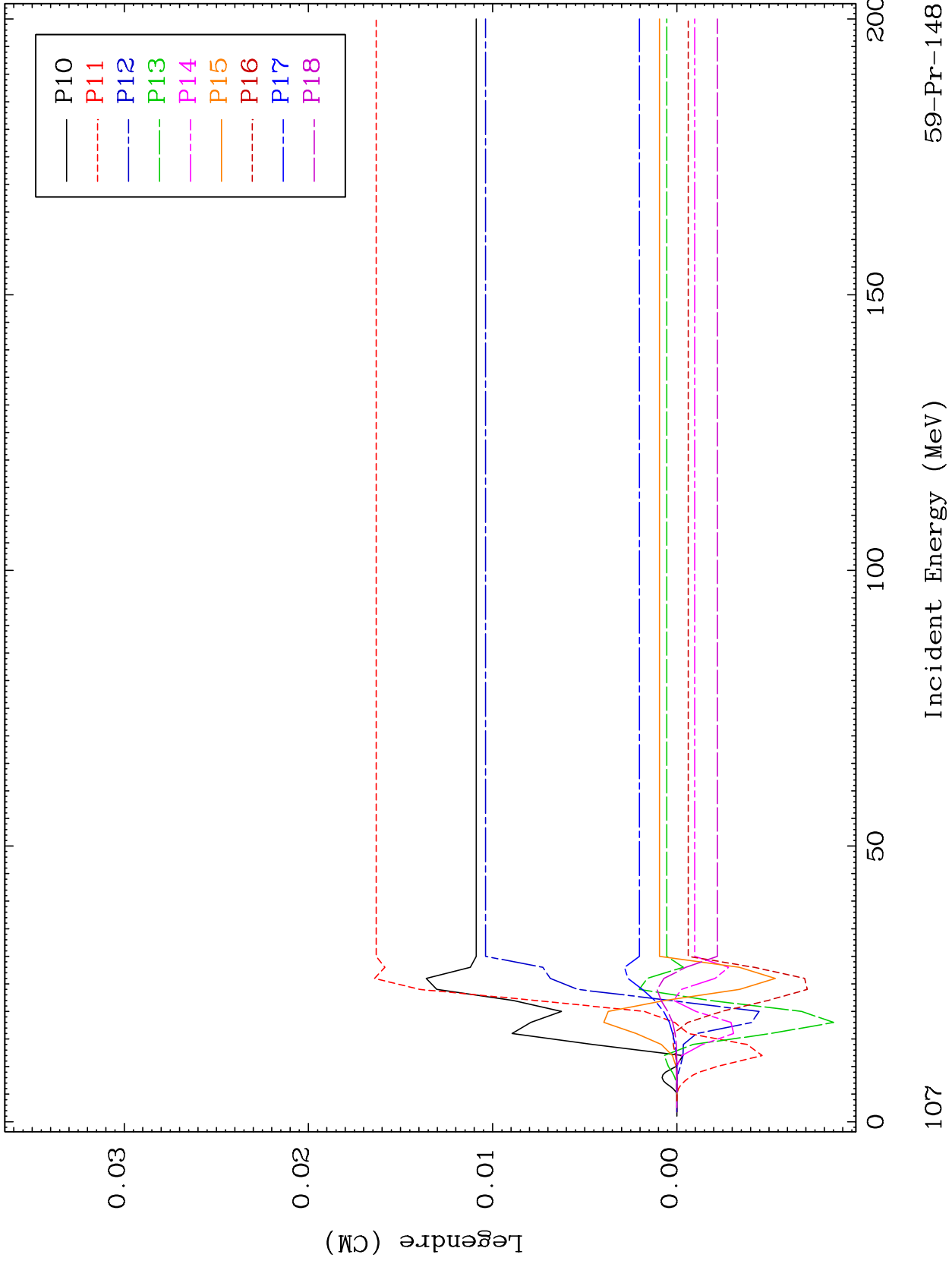
Incident Energy (MeV)

106

MAT 5946

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

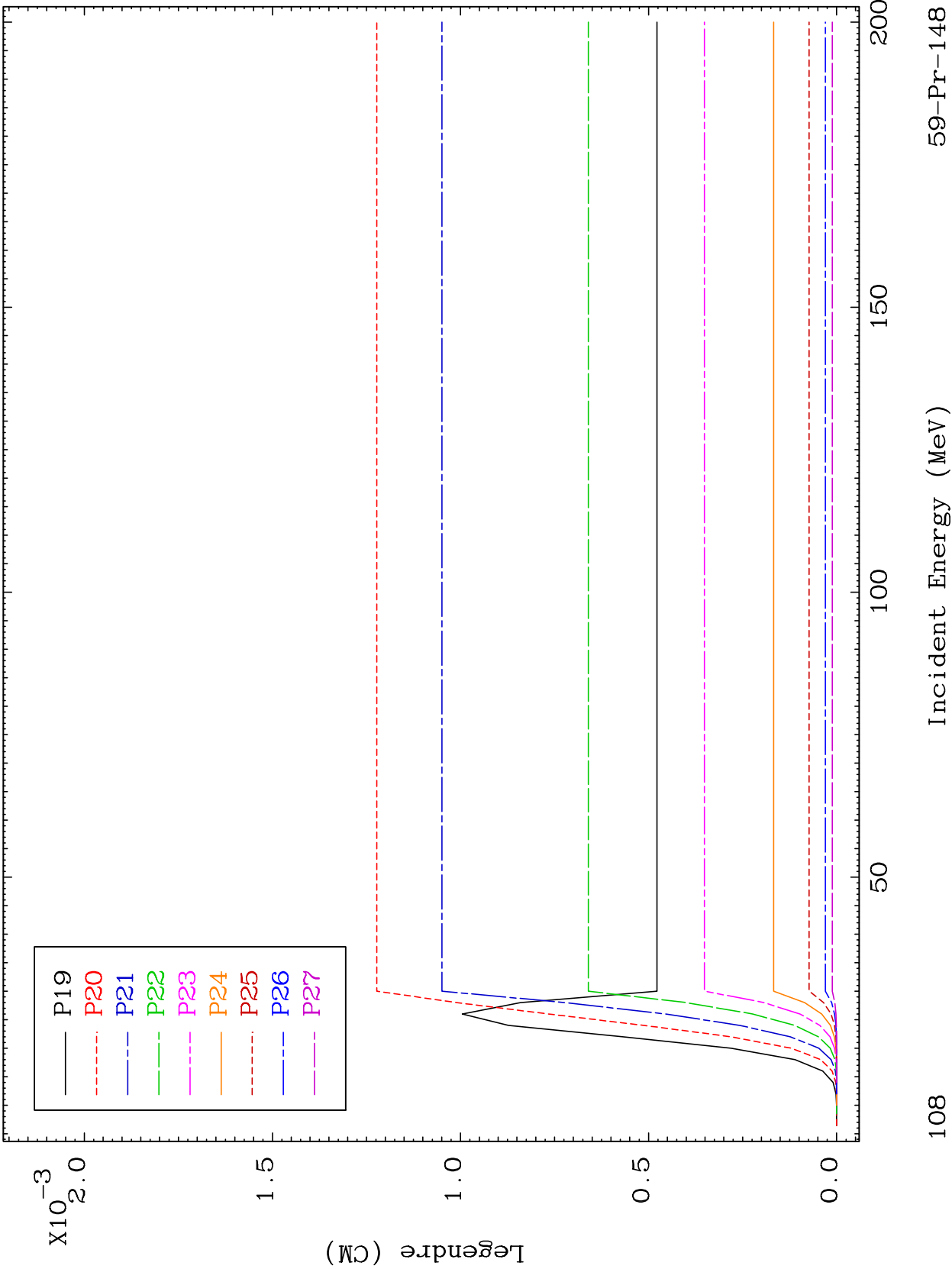
59-Pr-148



59-Pr-148

Incident Energy (MeV)

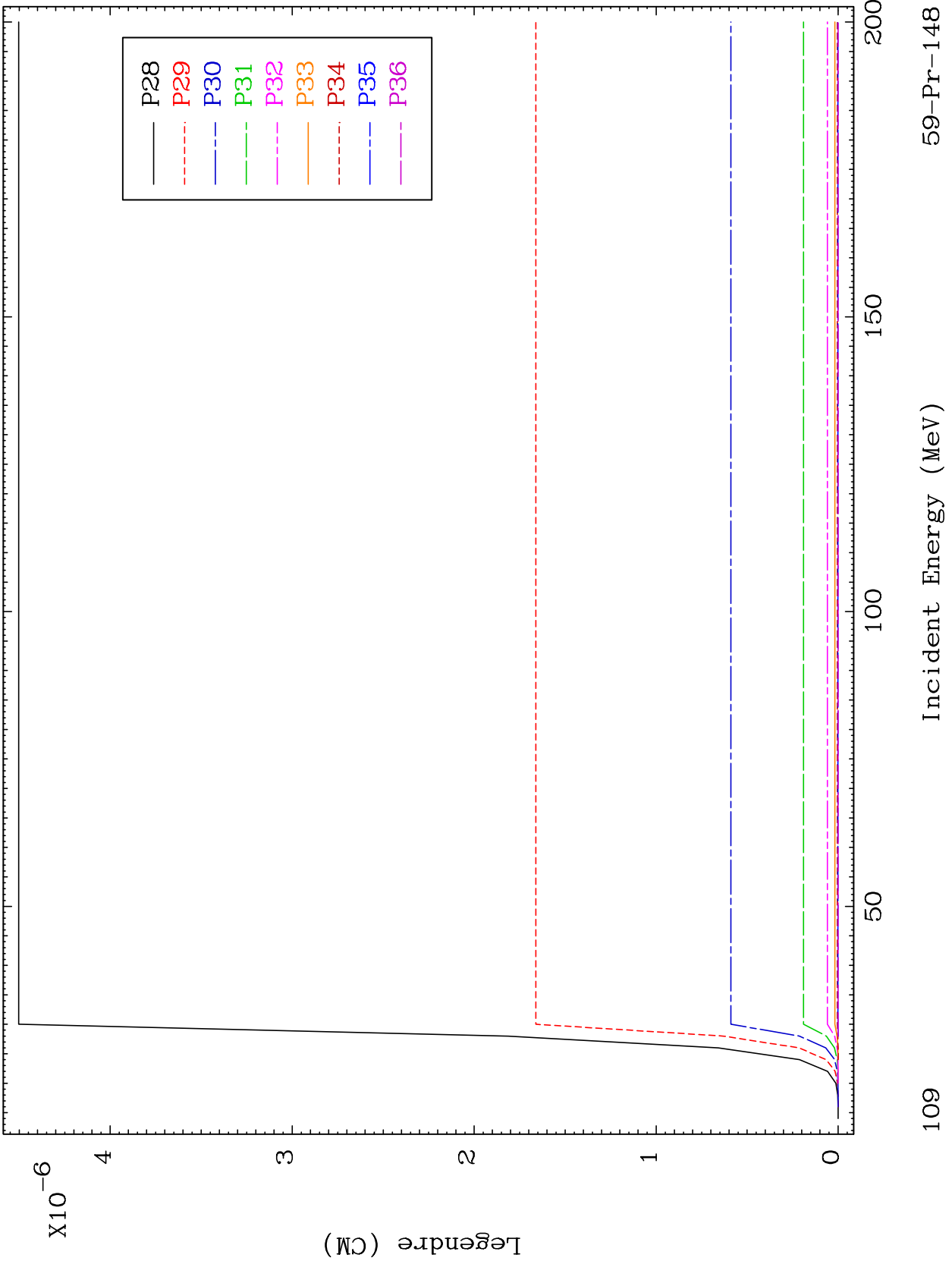
107



MAT 5946

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

59-Pr-148



59-Pr-148

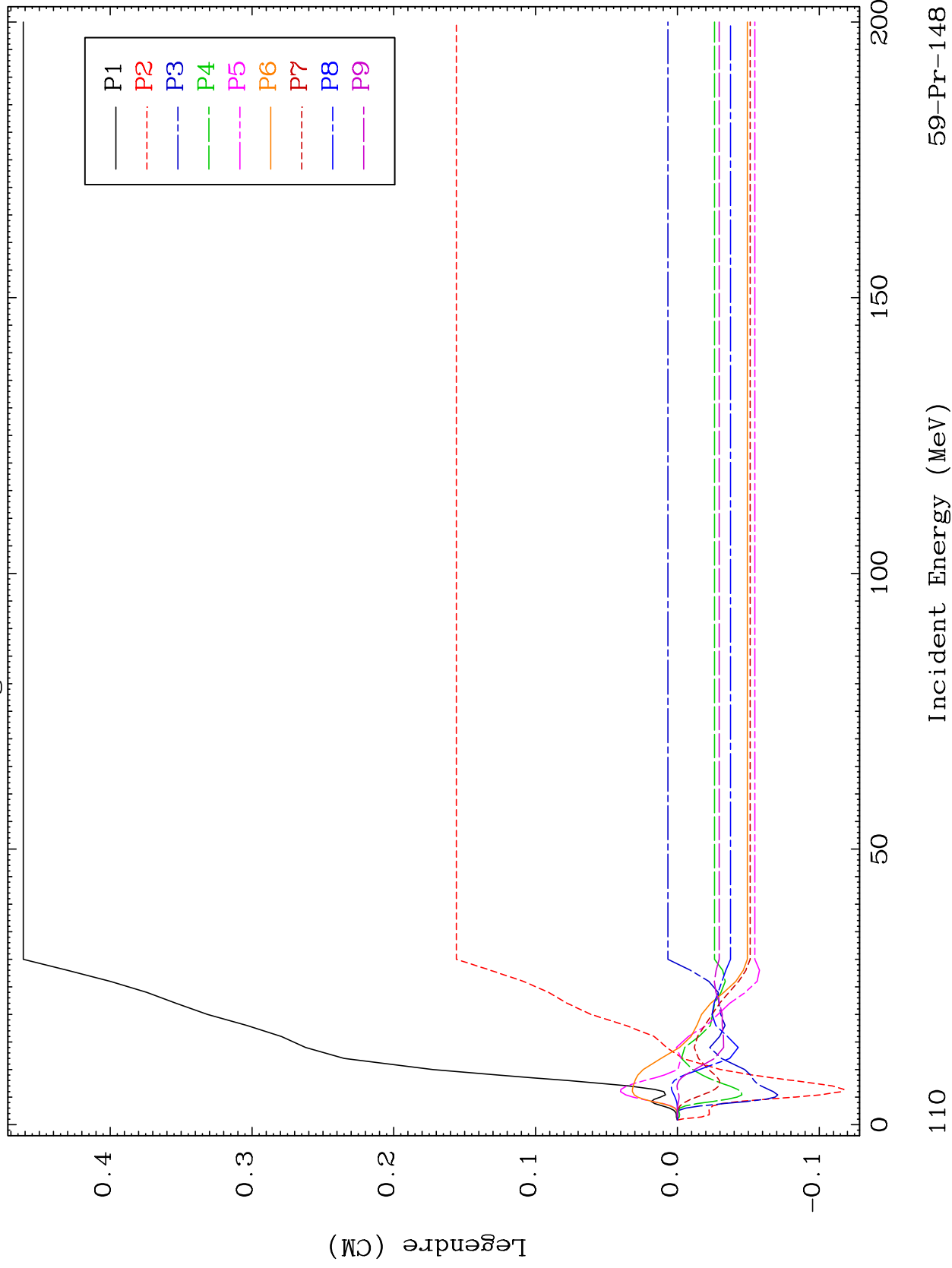
Incident Energy (MeV)

109

MAT 5946

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

59-Pr-148



59-Pr-148

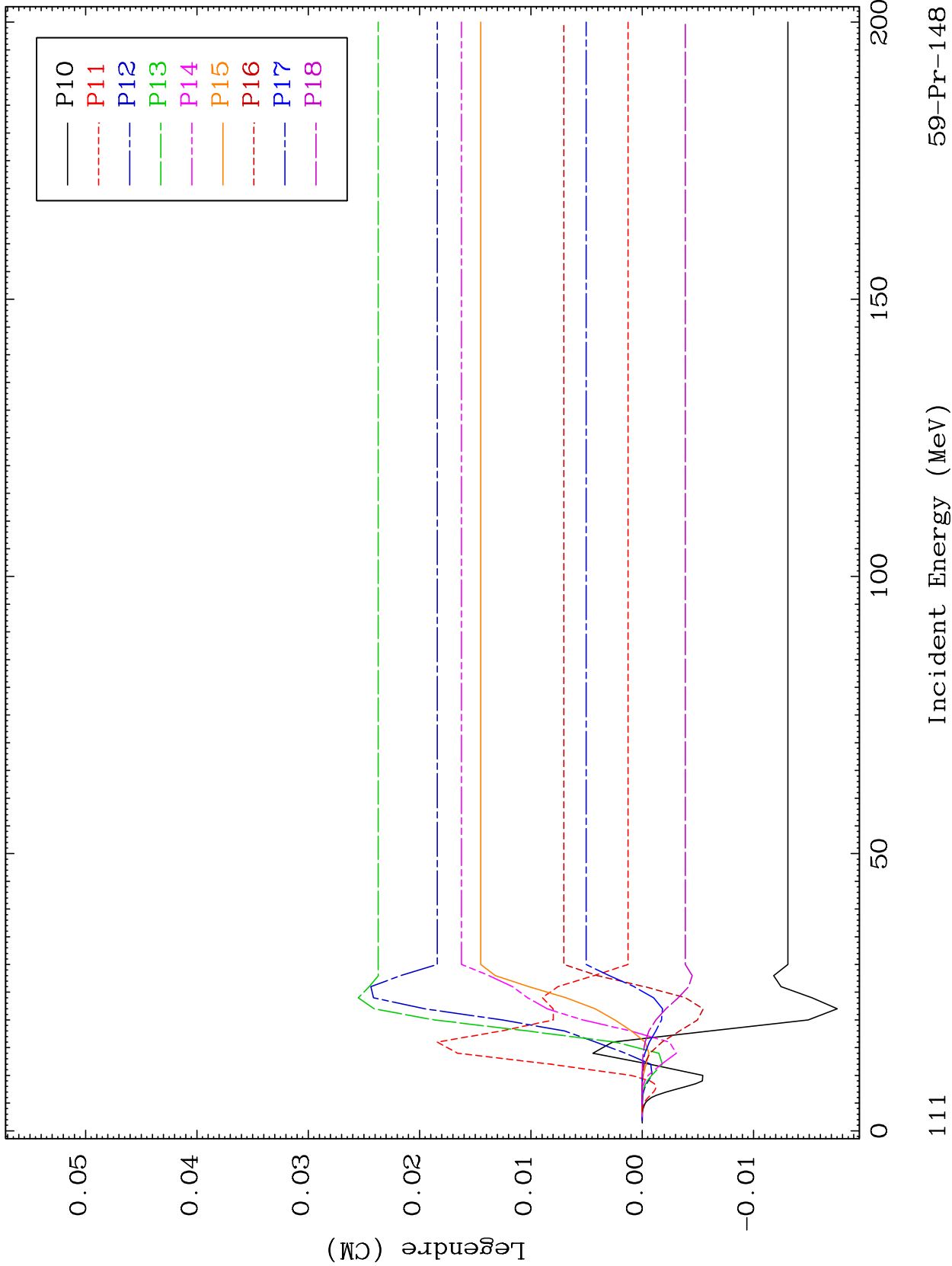
Incident Energy (MeV)

110

MAT 5946

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

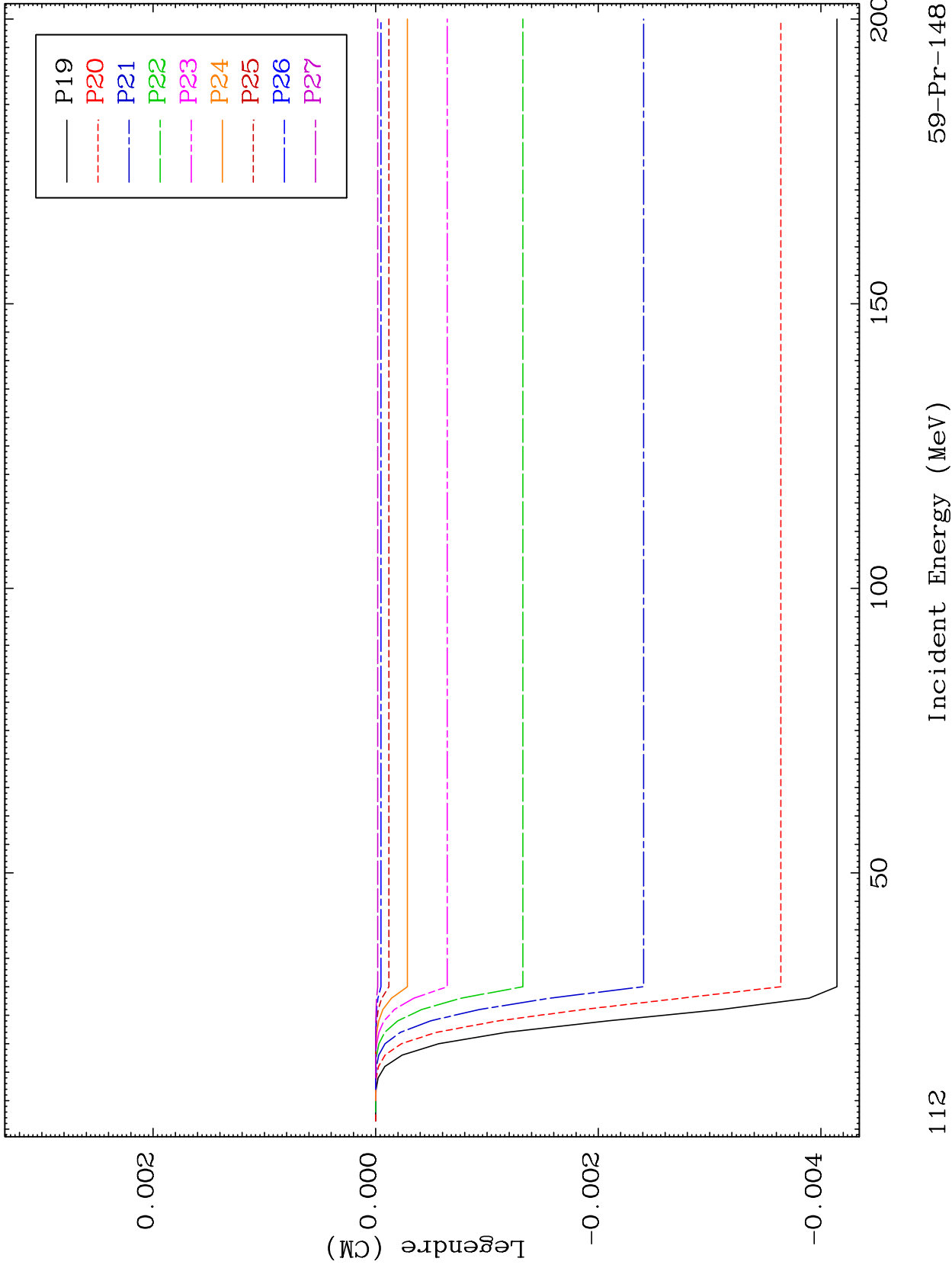
59-Pr-148



MAT 5946

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

59-Pr-148



112

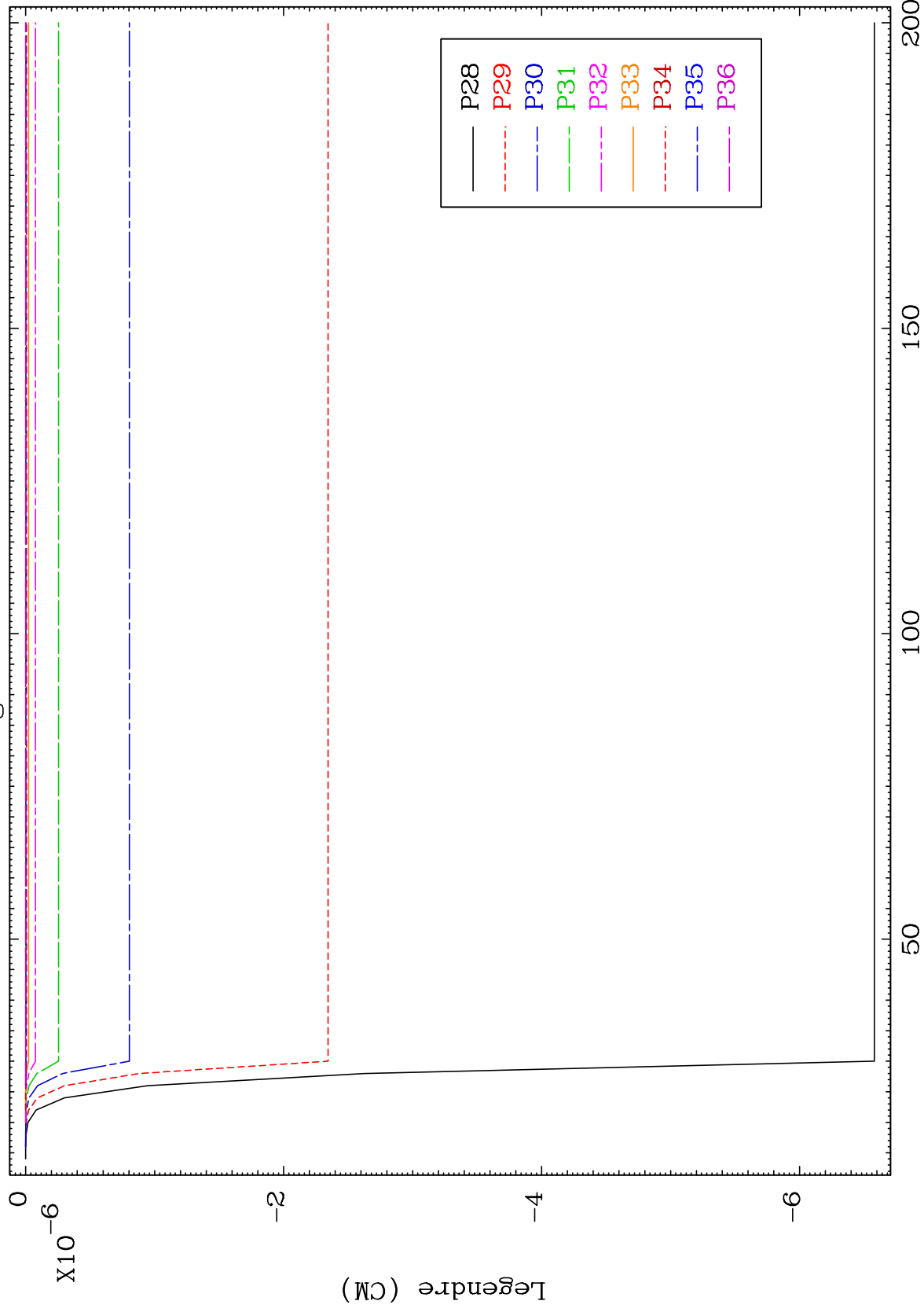
Incident Energy (MeV)

59-Pr-148

MAT 5946

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

59-Pr-148



113

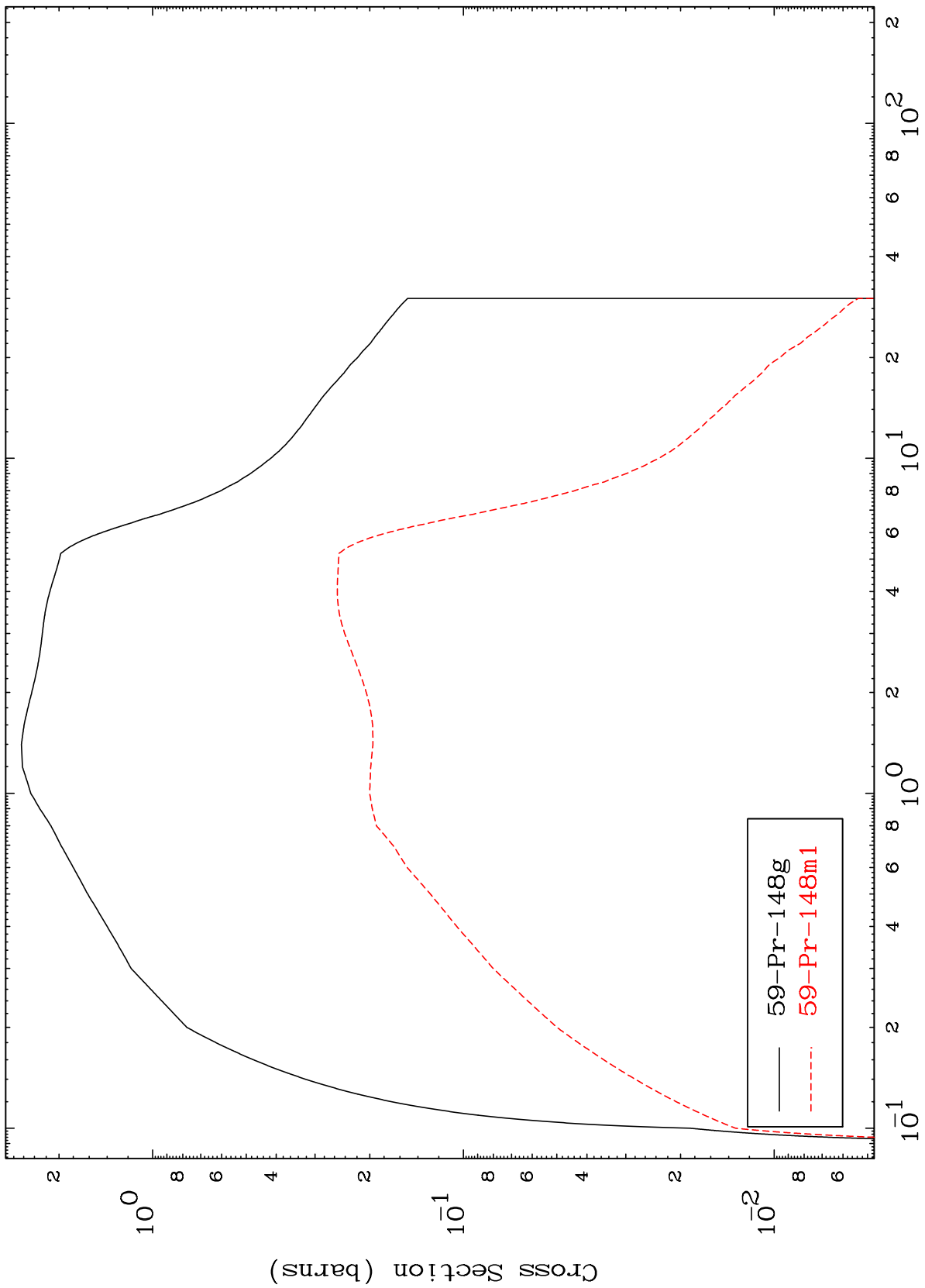
Incident Energy (MeV)

59-Pr-148

MAT 5946

59-Pr-148

Inelastic
Radionuclide Production Cross Section

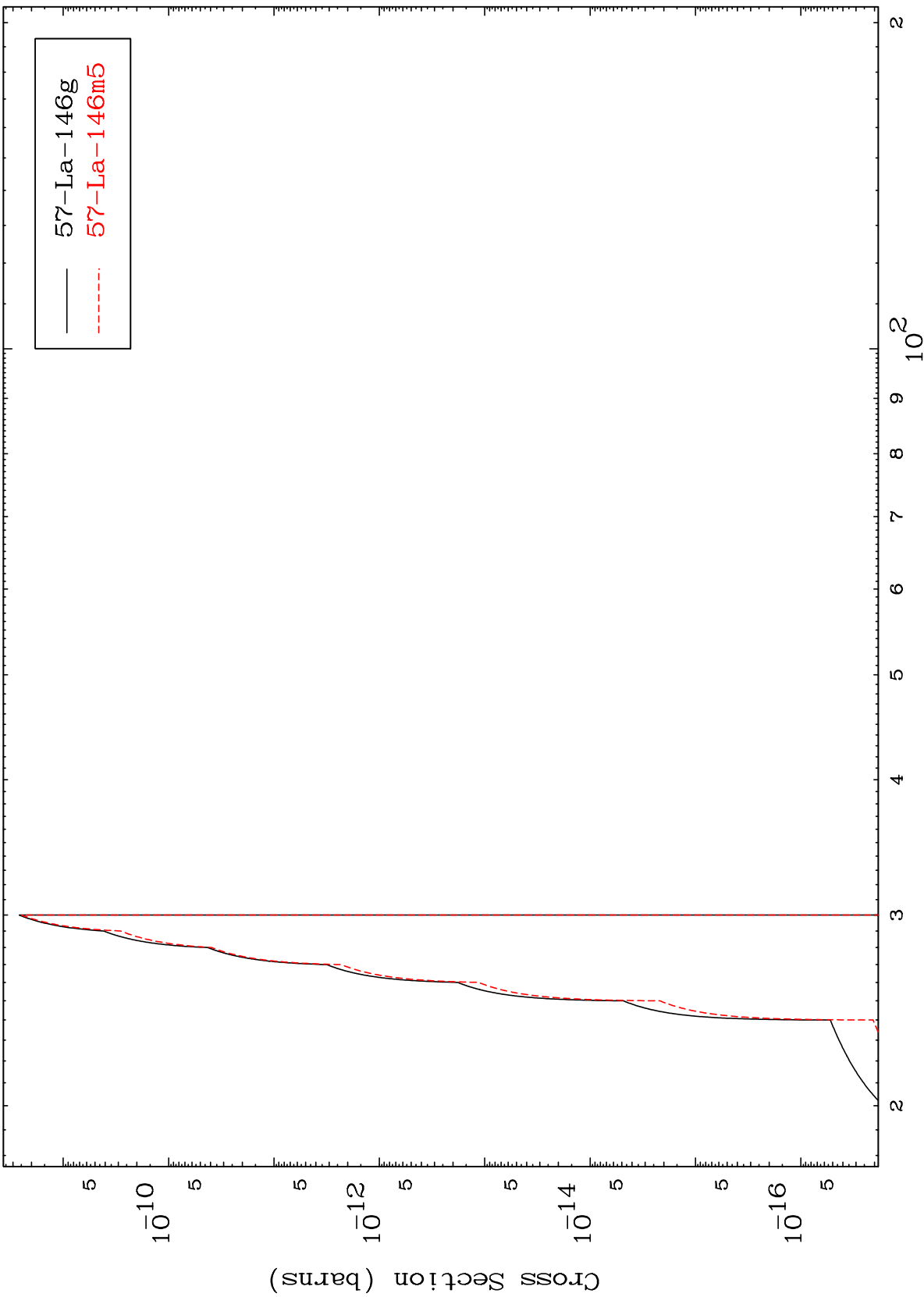


59-Pr-148

Incident Energy (MeV)

114

Radionuclide Production Cross Section

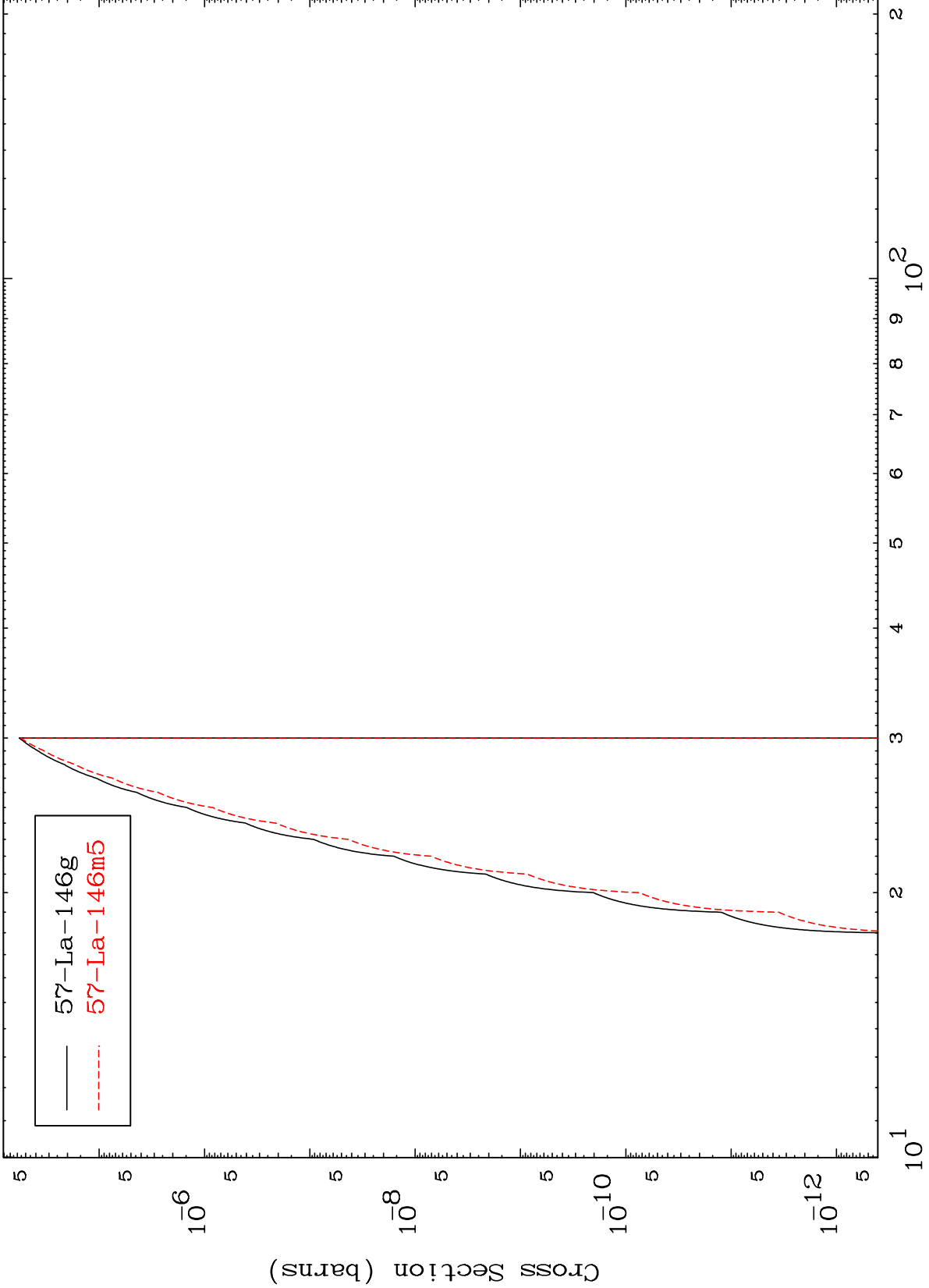


MAT 5946

(n,He-3)

59-Pr-148

Radionuclide Production Cross Section



116

Incident Energy (MeV)

59-Pr-148