

Program EVALPLOT  
(Version 2021-1)

by

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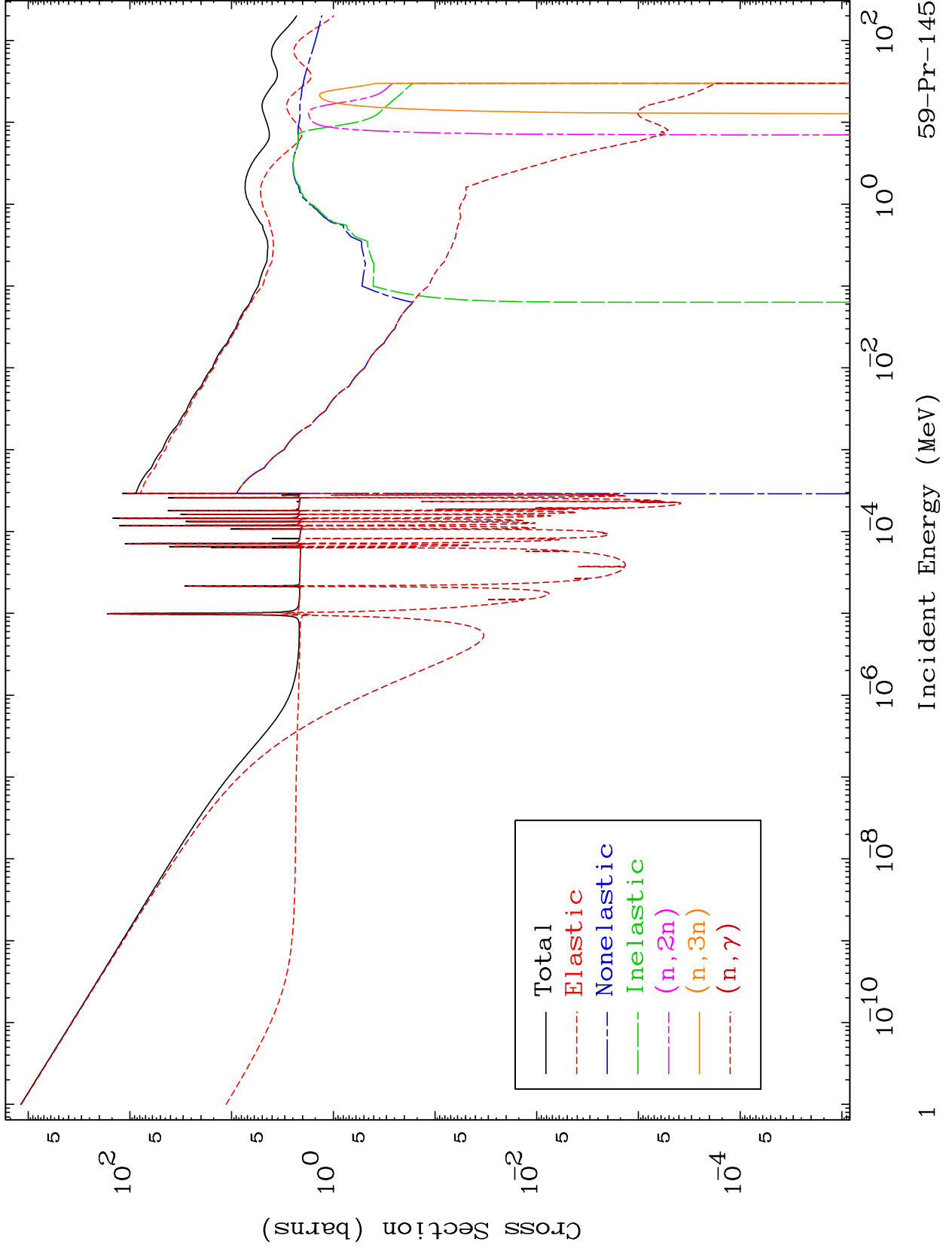
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Press Mouse Button to Start

MAT 5937

Neutron Major  
293 Kelvin Cross Sections

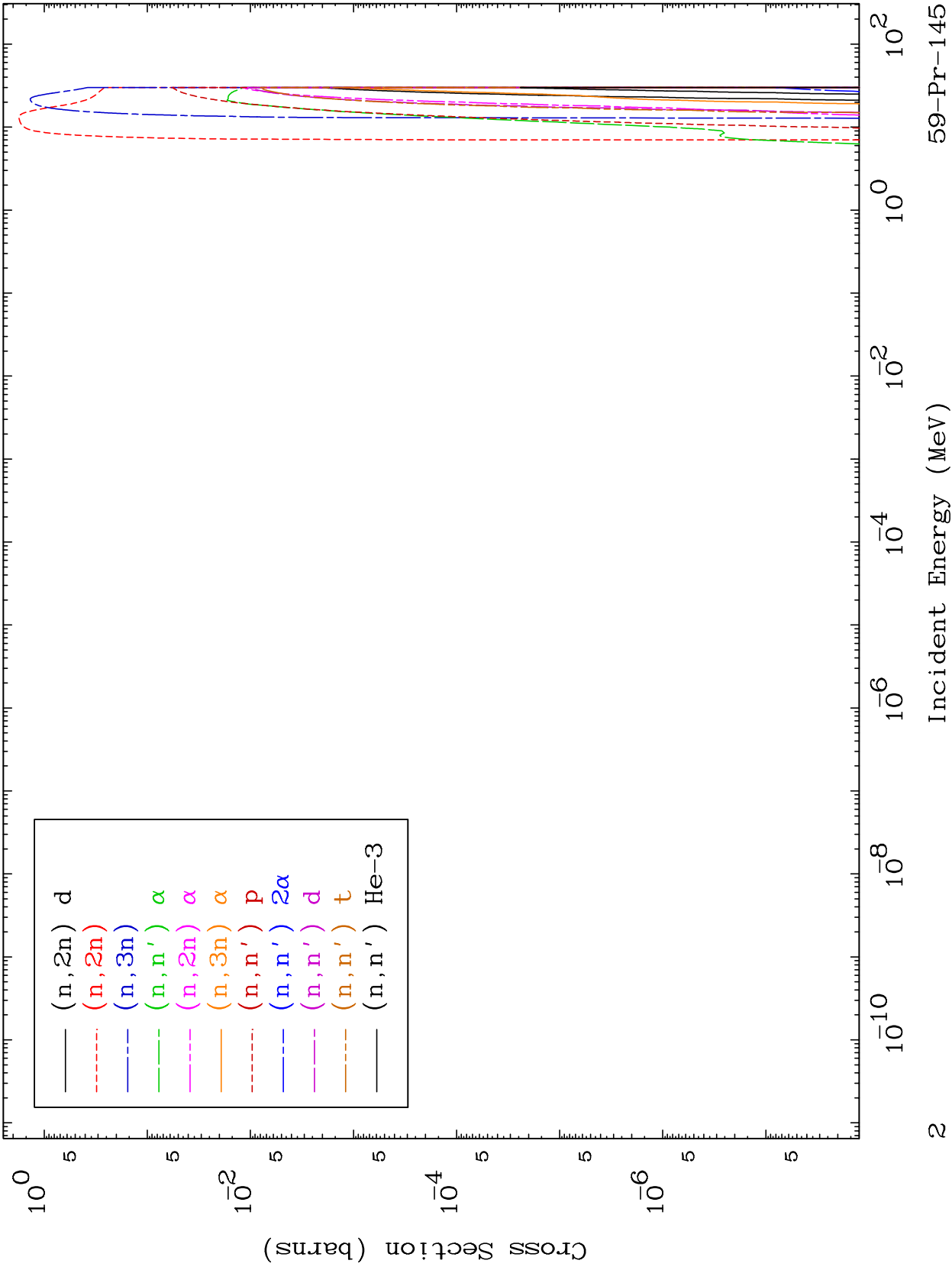
59-Pr-145



MAT 5937

Neutron Absorption  
293 Kelvin Cross Sections

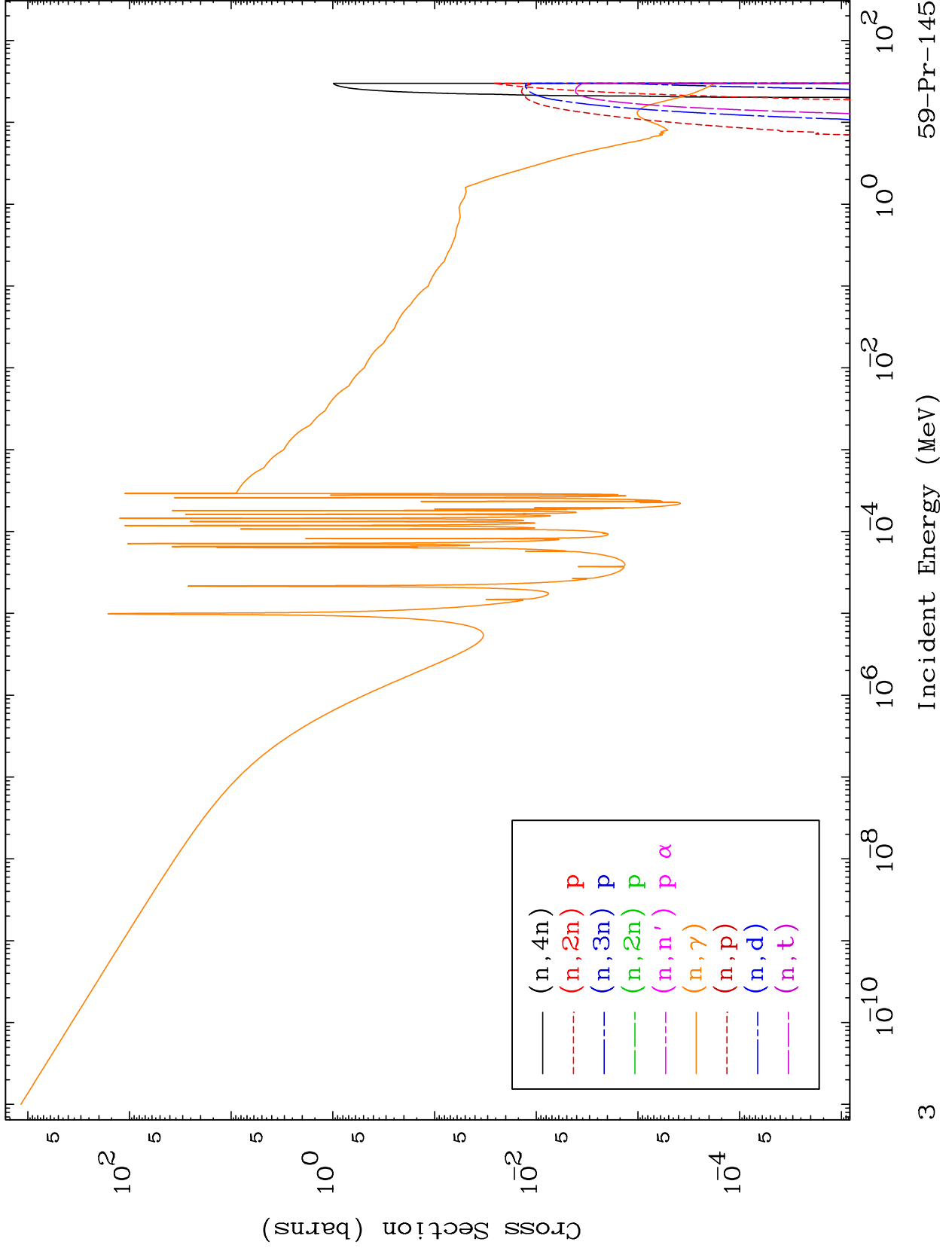
59-Pr-145



MAT 5937

Neutron Absorption  
293 Kelvin Cross Sections

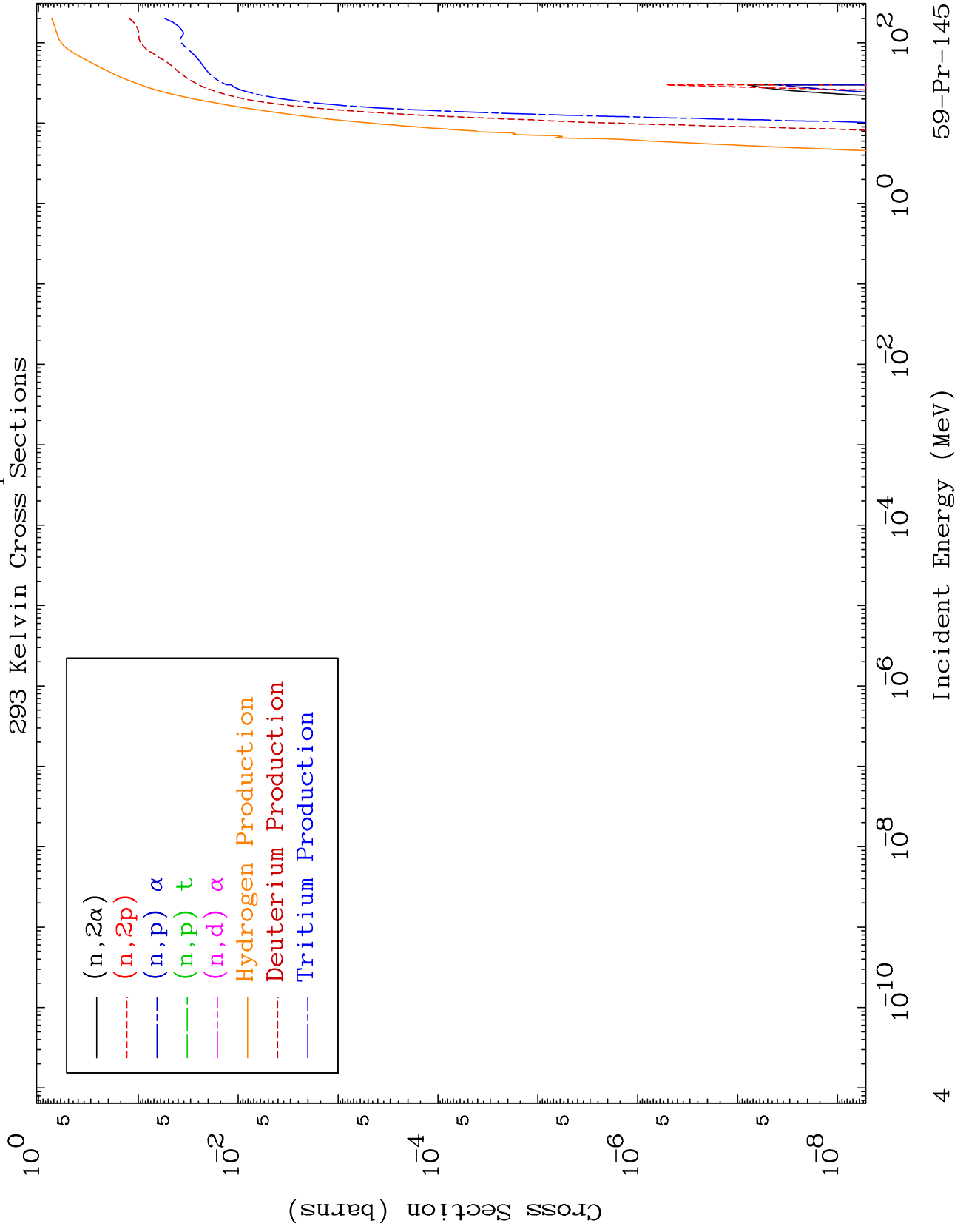
59-Pr-145



MAT 5937

Neutron Absorption  
293 Kelvin Cross Sections

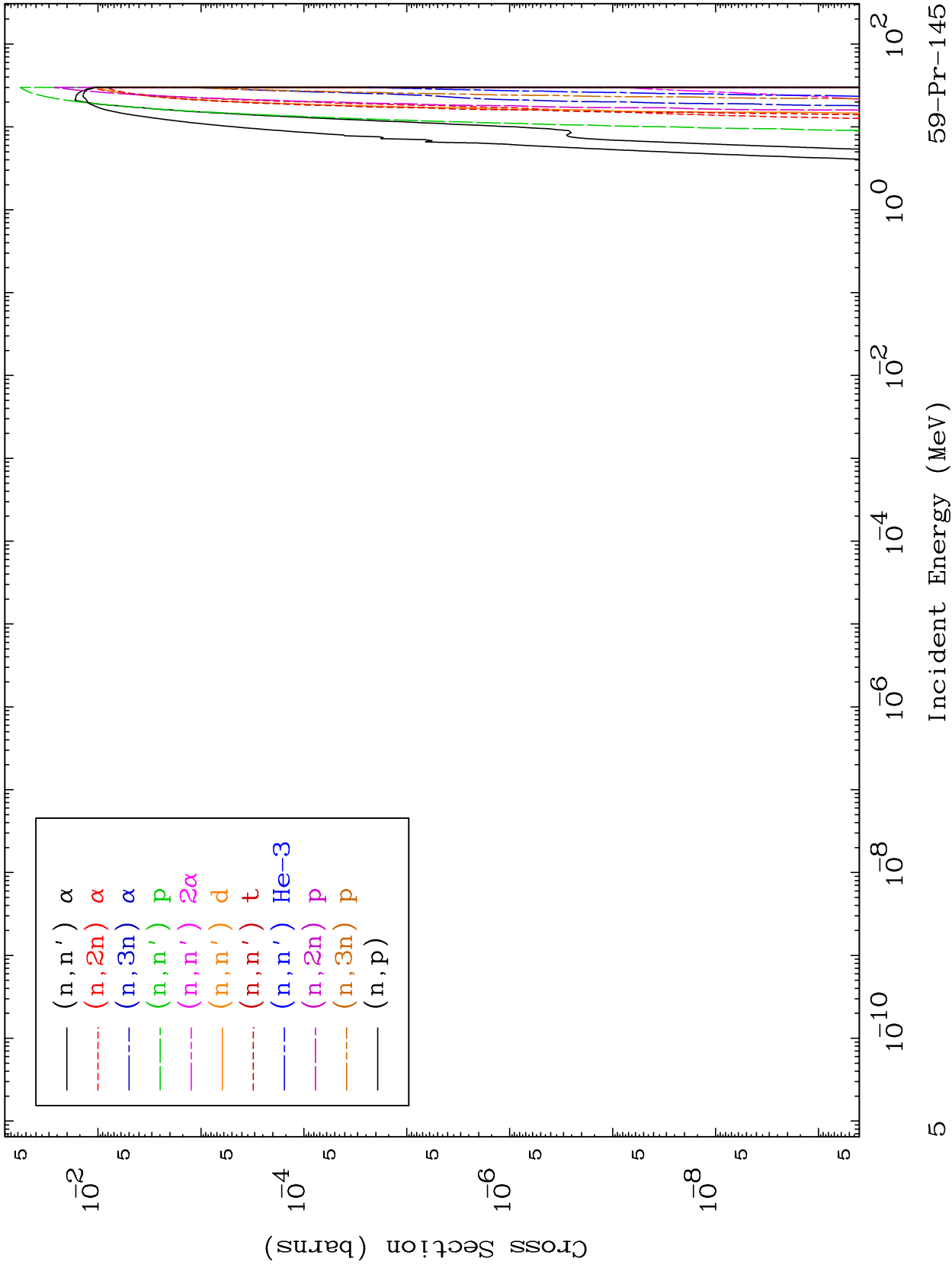
59-Pr-145



MAT 5937

Charged Particle  
293 Kelvin Cross Sections

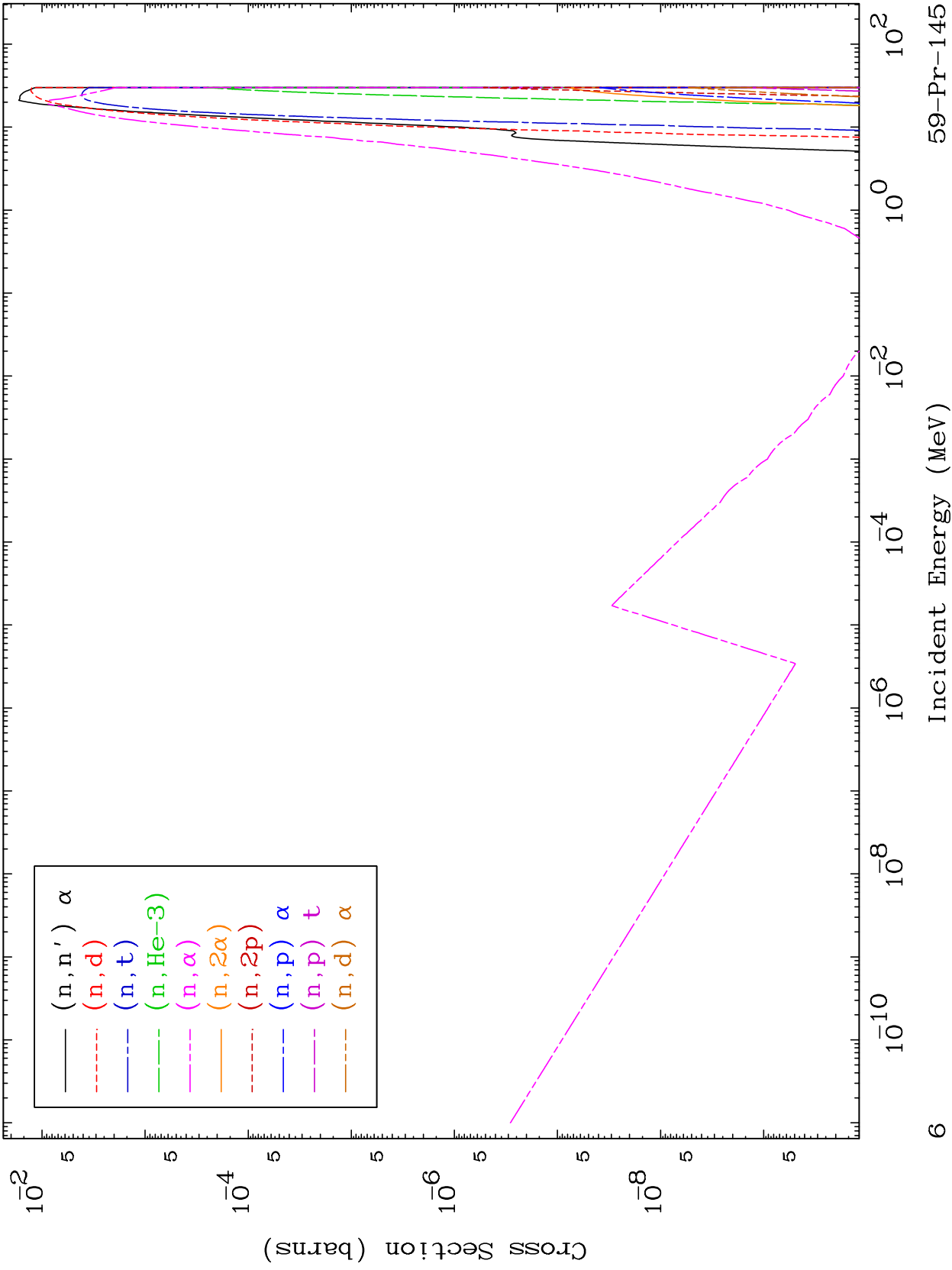
59-Pr-145



MAT 5937

Charged Particle  
293 Kelvin Cross Sections

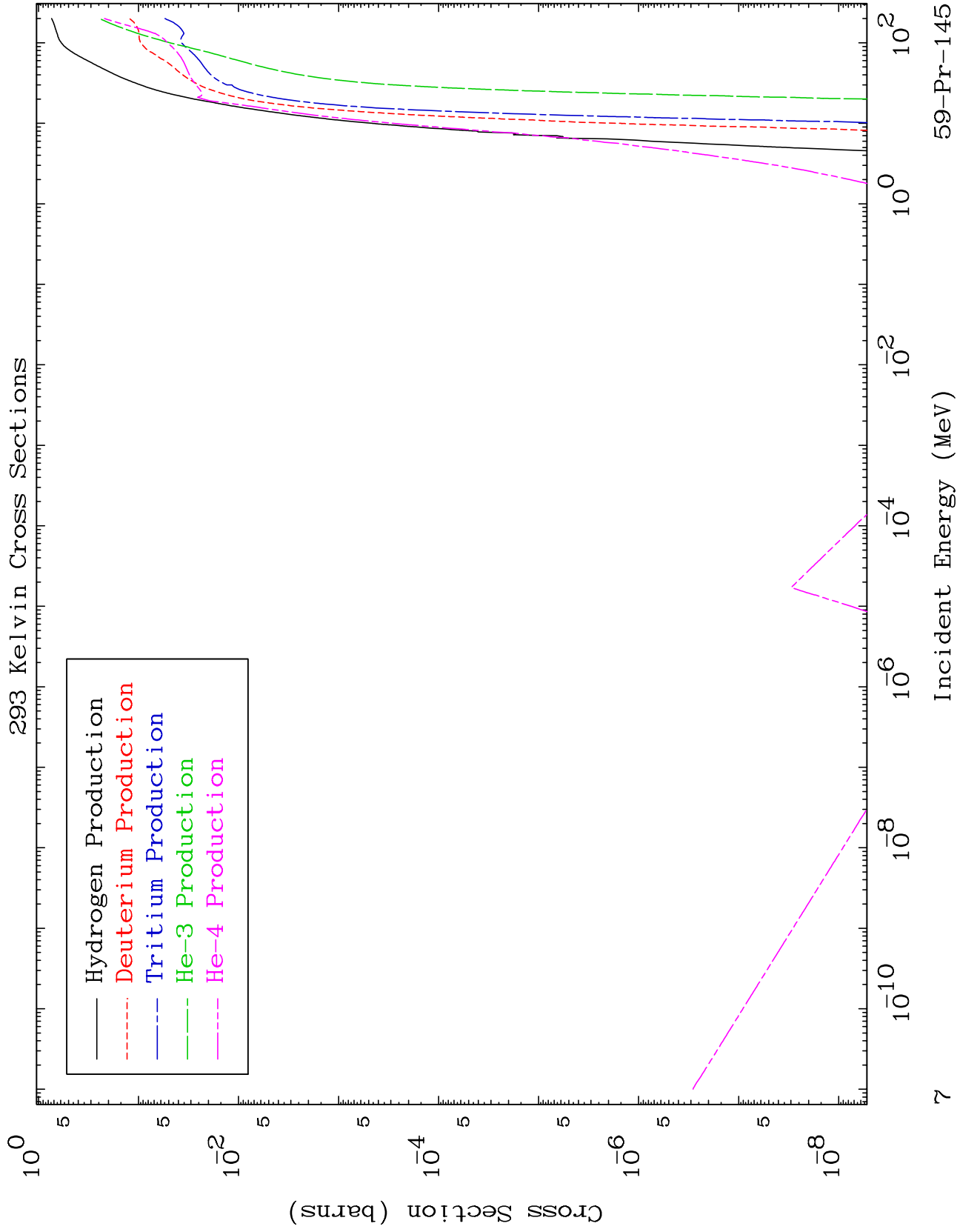
59-Pr-145



MAT 5937

Particle Production  
293 Kelvin Cross Sections

59-Pr-145



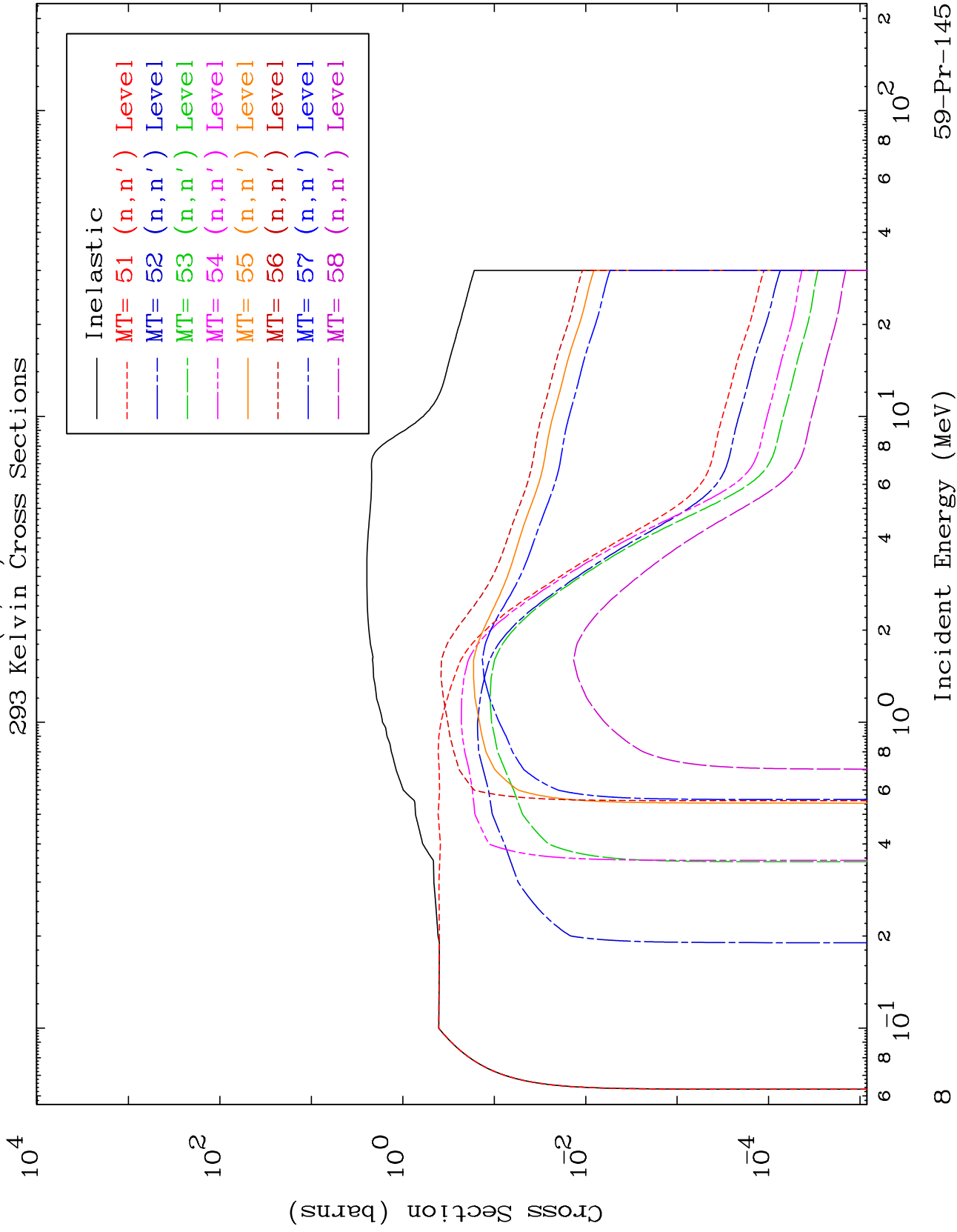


MAT 5937

(n,n') Levels

59-Pr-145

293 Kelvin Cross Sections

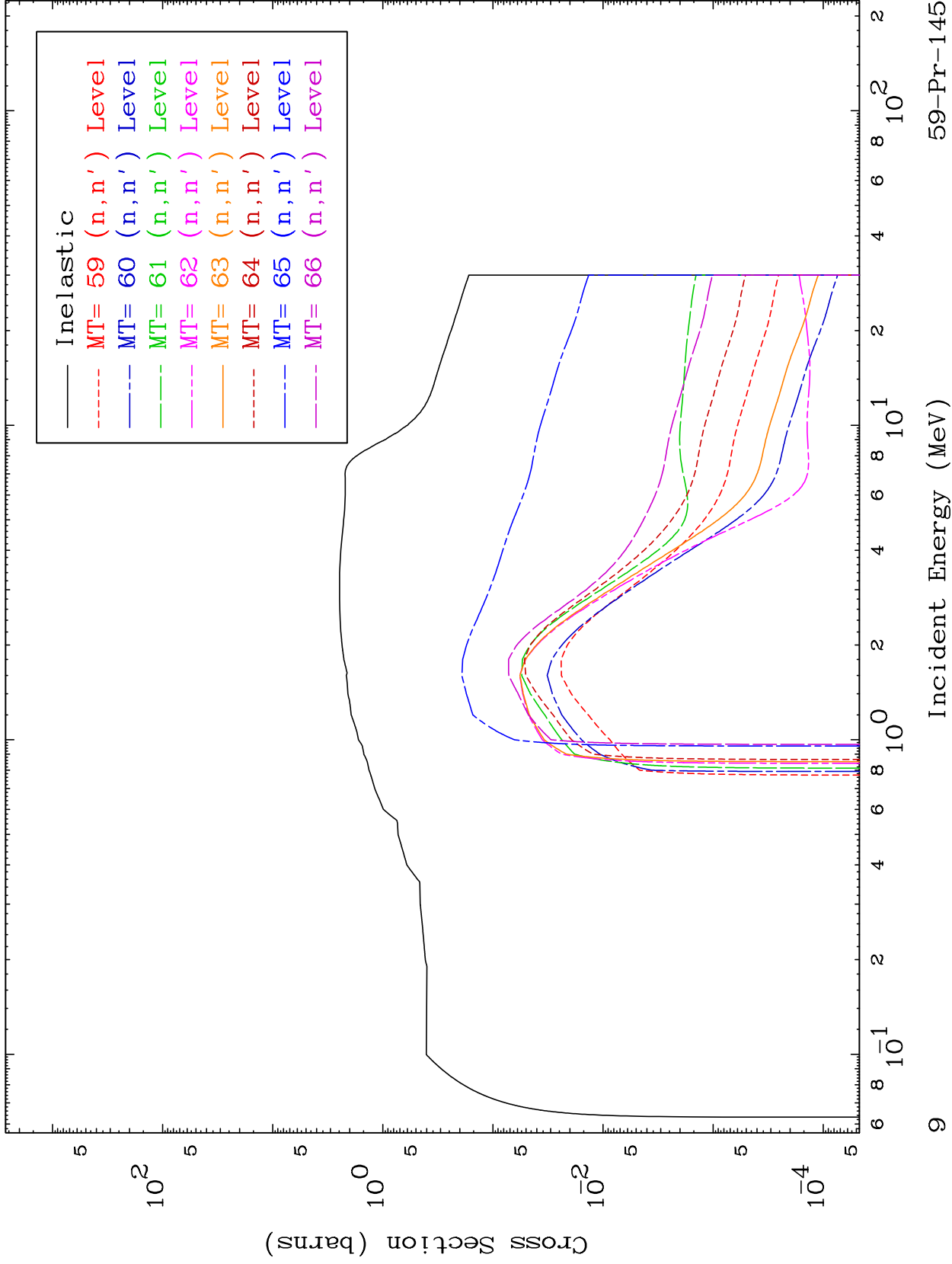


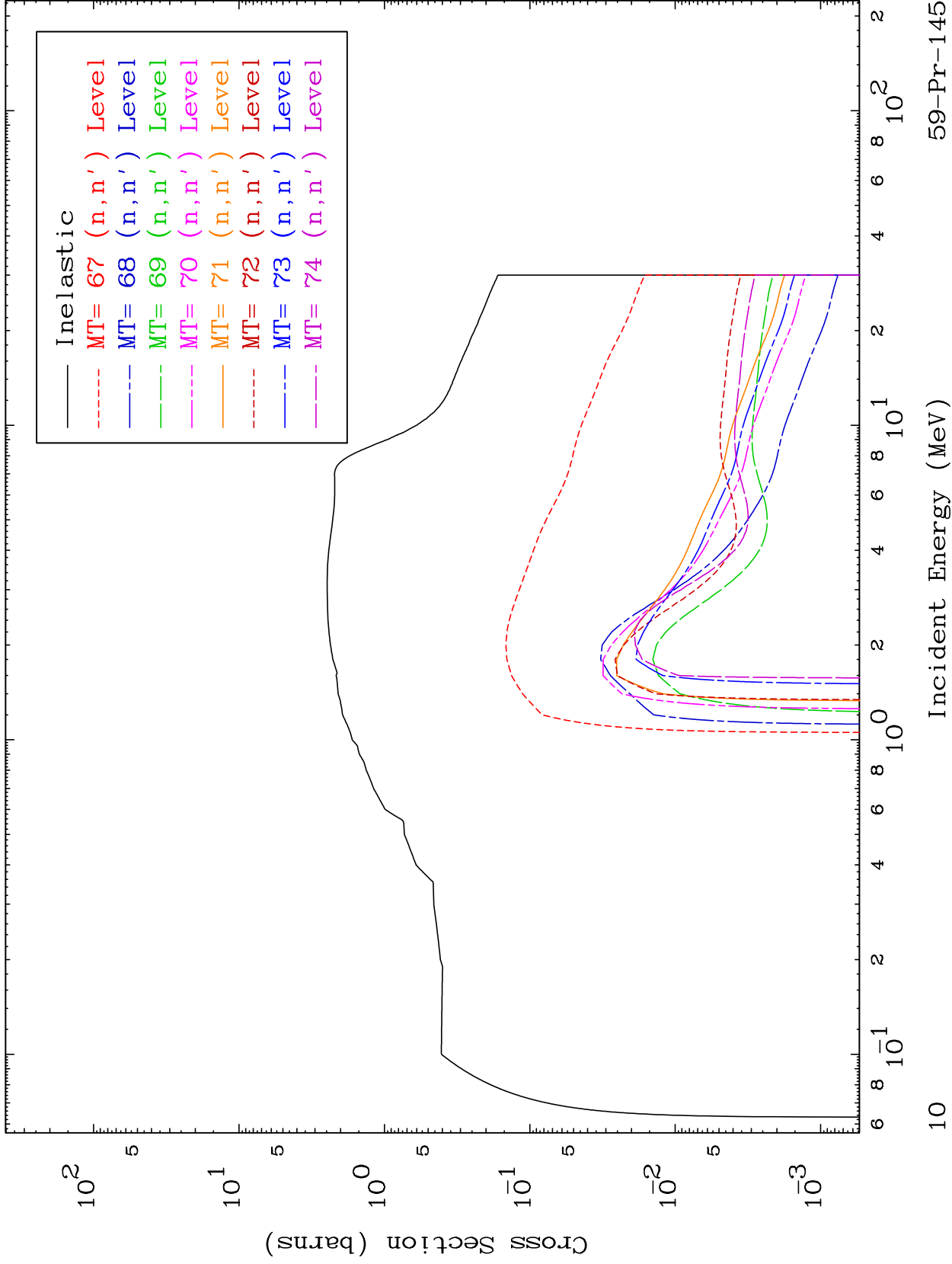
8

Incident Energy (MeV)

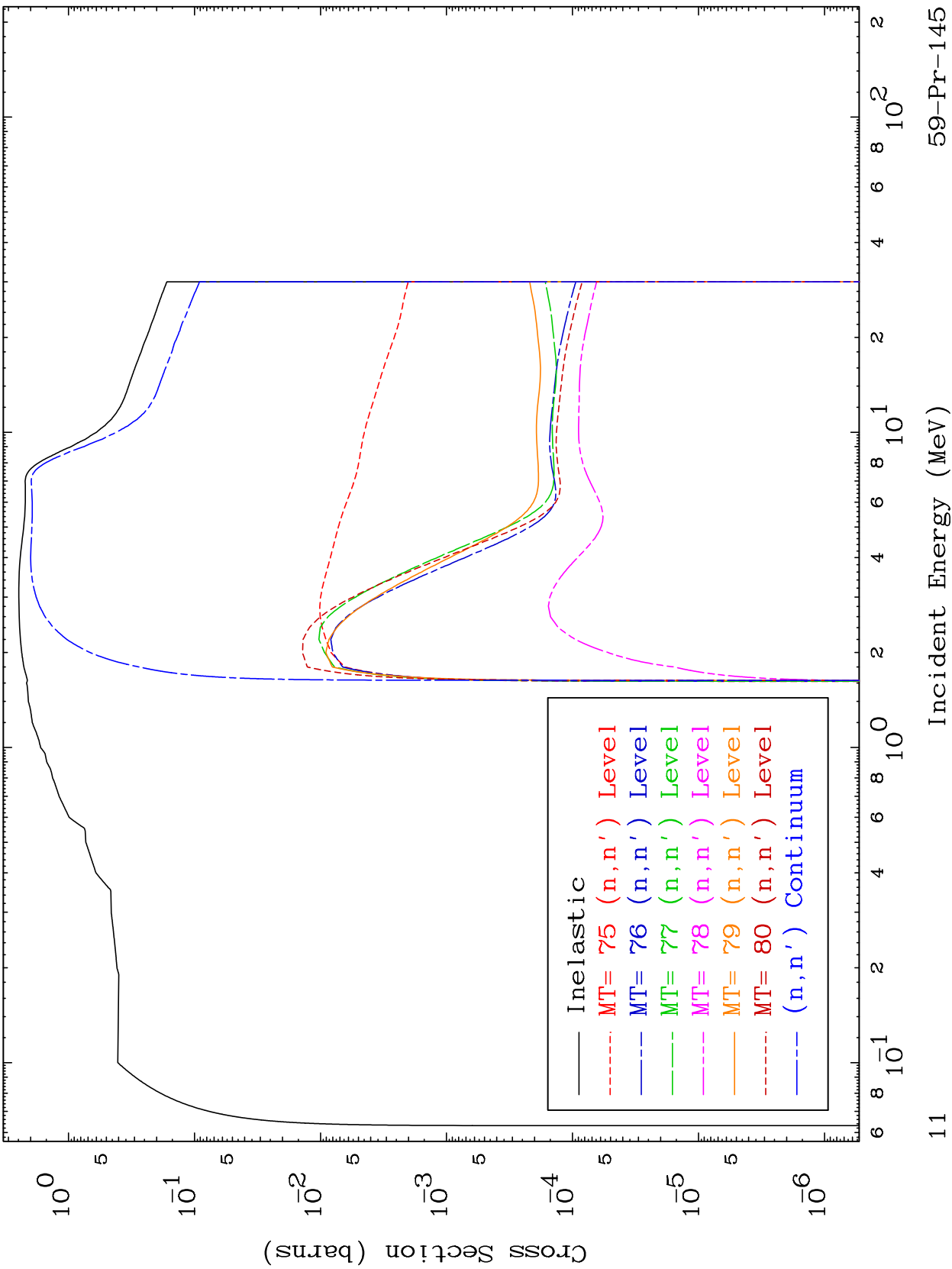
59-Pr-145

293 Kelvin Cross Sections





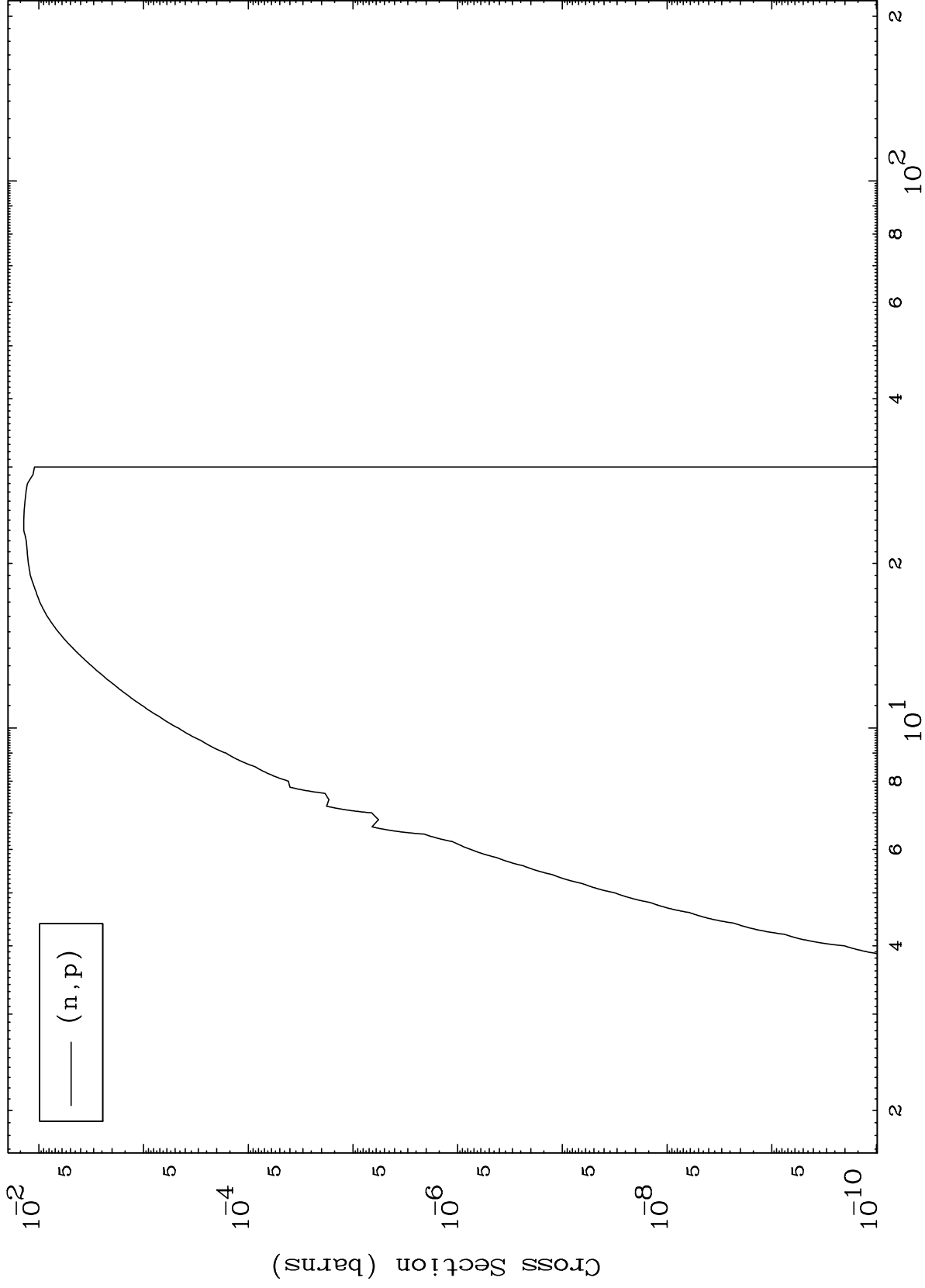
(n,n') Levels  
293 Kelvin Cross Sections



MAT 5937

(n,p) Levels  
293 Kelvin Cross Sections

59-Pr-145



12

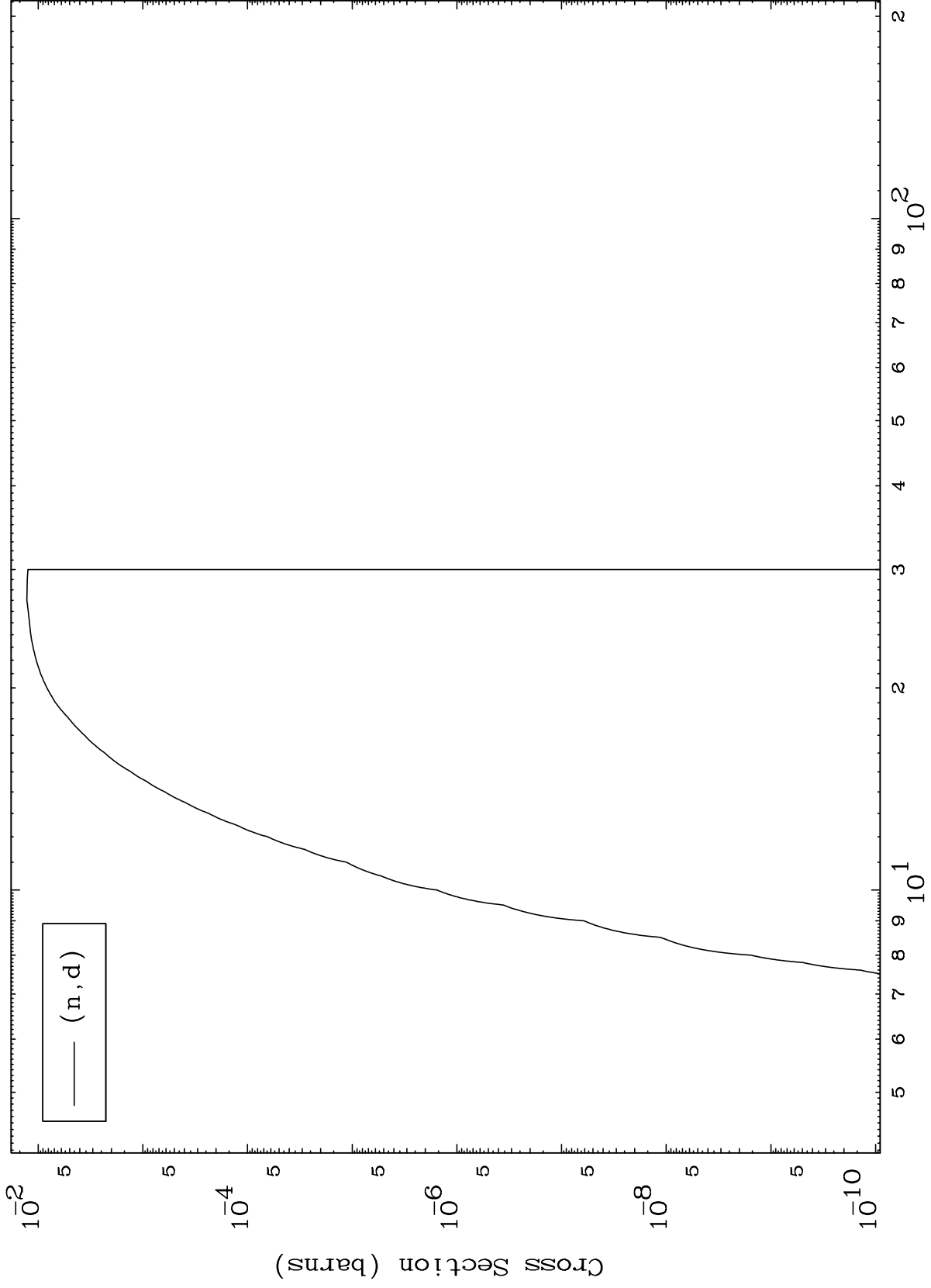
Incident Energy (MeV)

59-Pr-145

MAT 5937

(n,d) Levels  
293 Kelvin Cross Sections

59-Pr-145



13

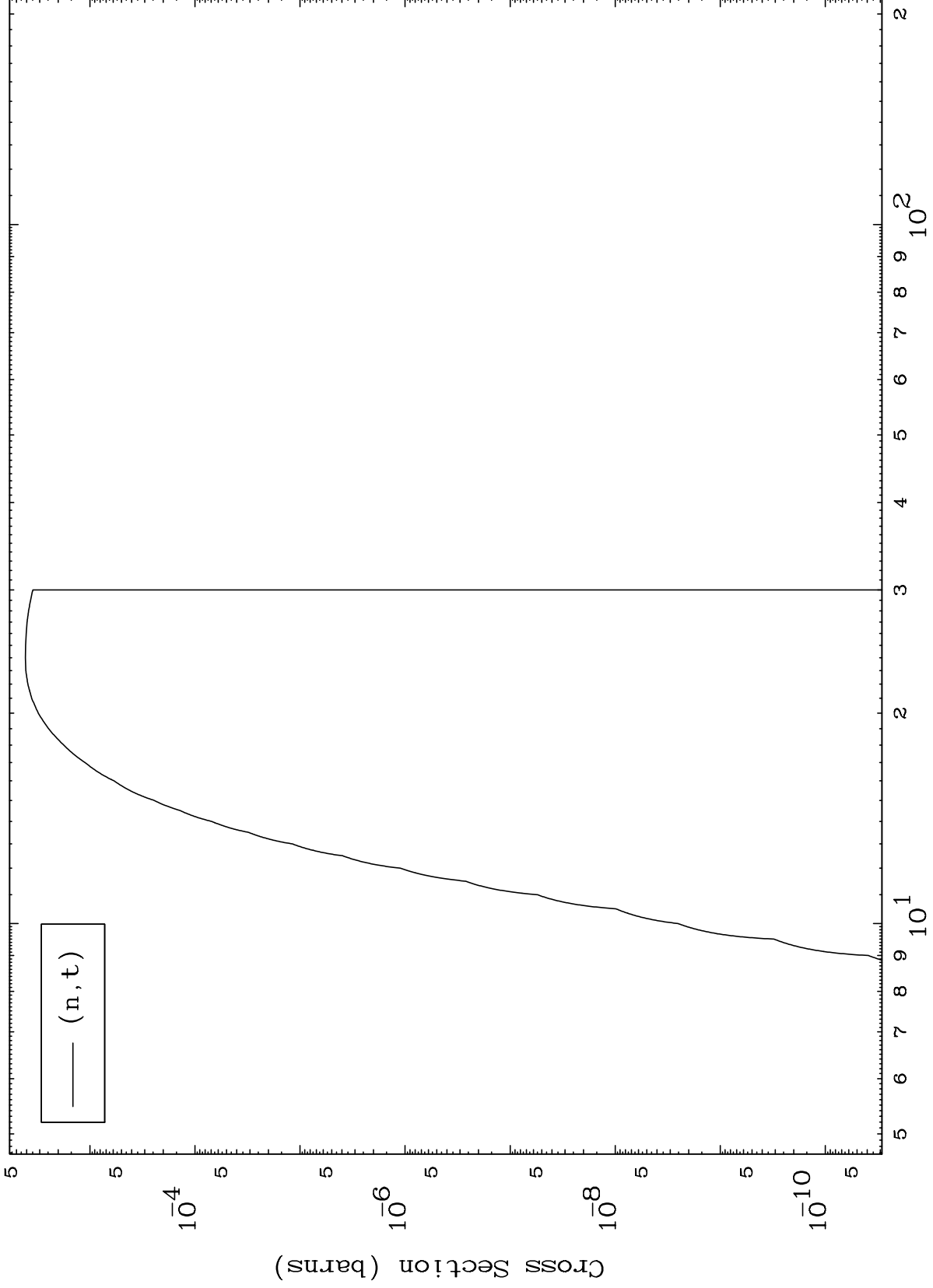
Incident Energy (MeV)

59-Pr-145

MAT 5937

(n,t) Levels  
293 Kelvin Cross Sections

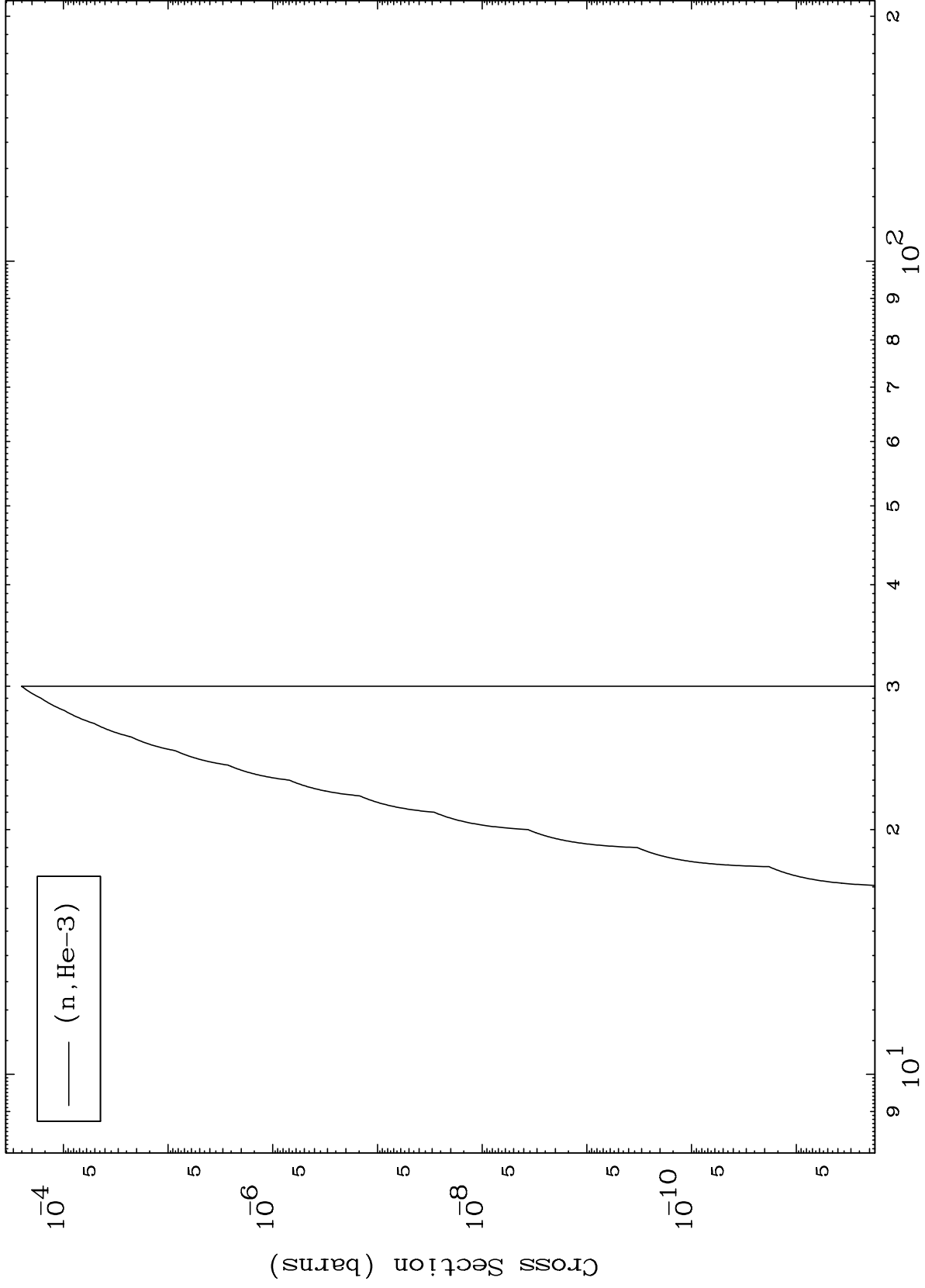
59-Pr-145



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Incident Energy (MeV)

59-Pr-145

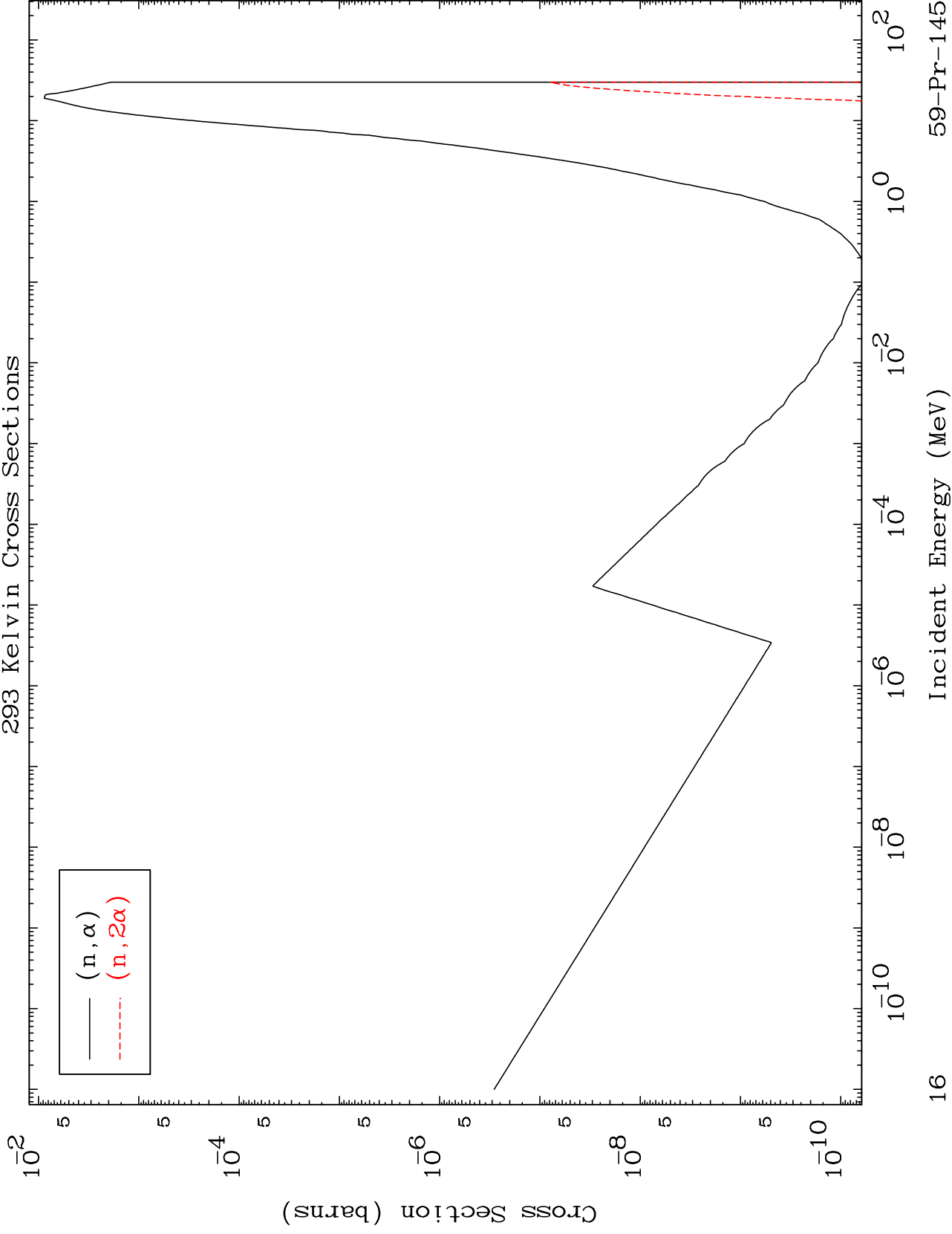




MAT 5937

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

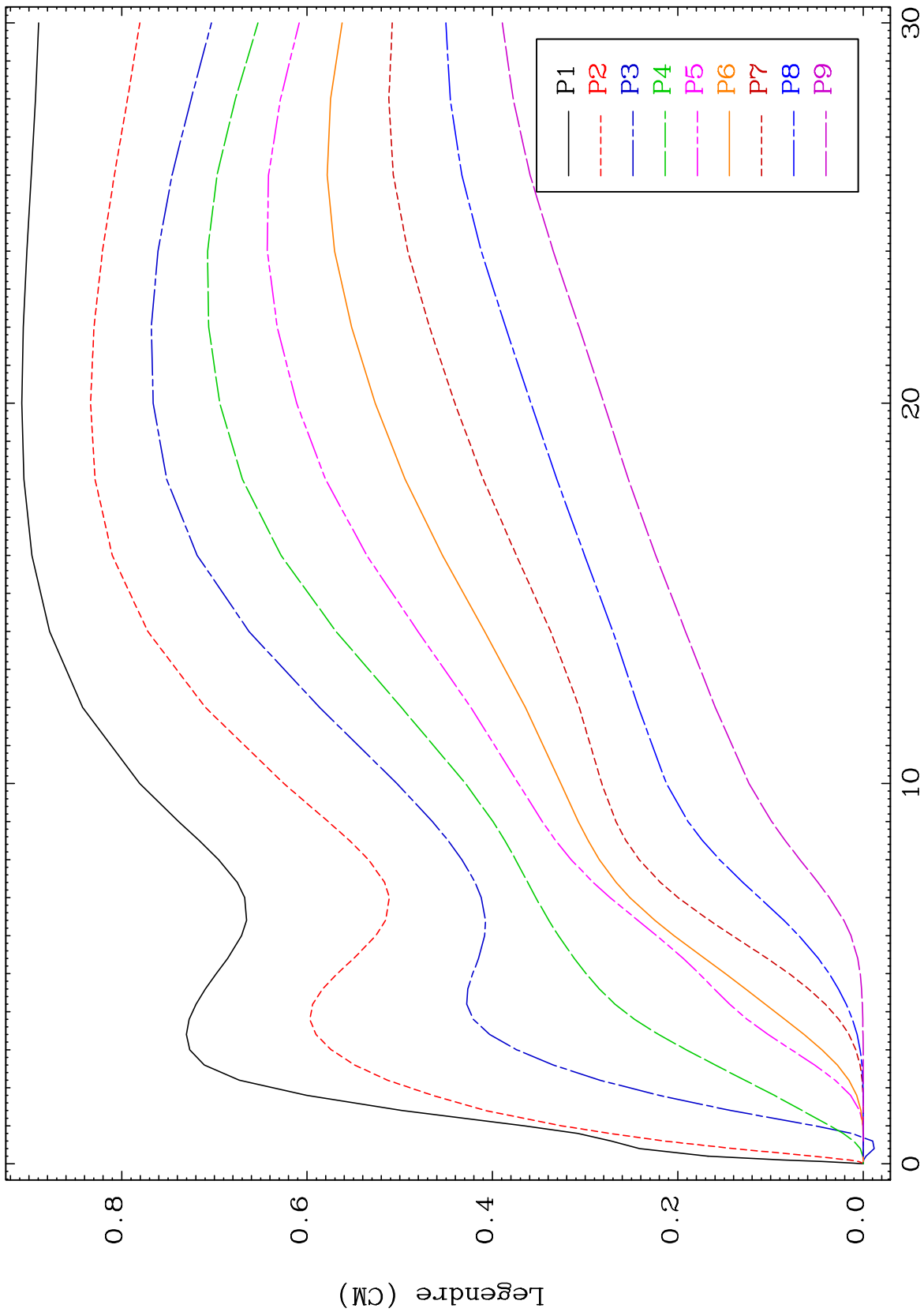
59-Pr-145



MAT 5937

Elastic Legendre Coefficients

59-Pr-145



17

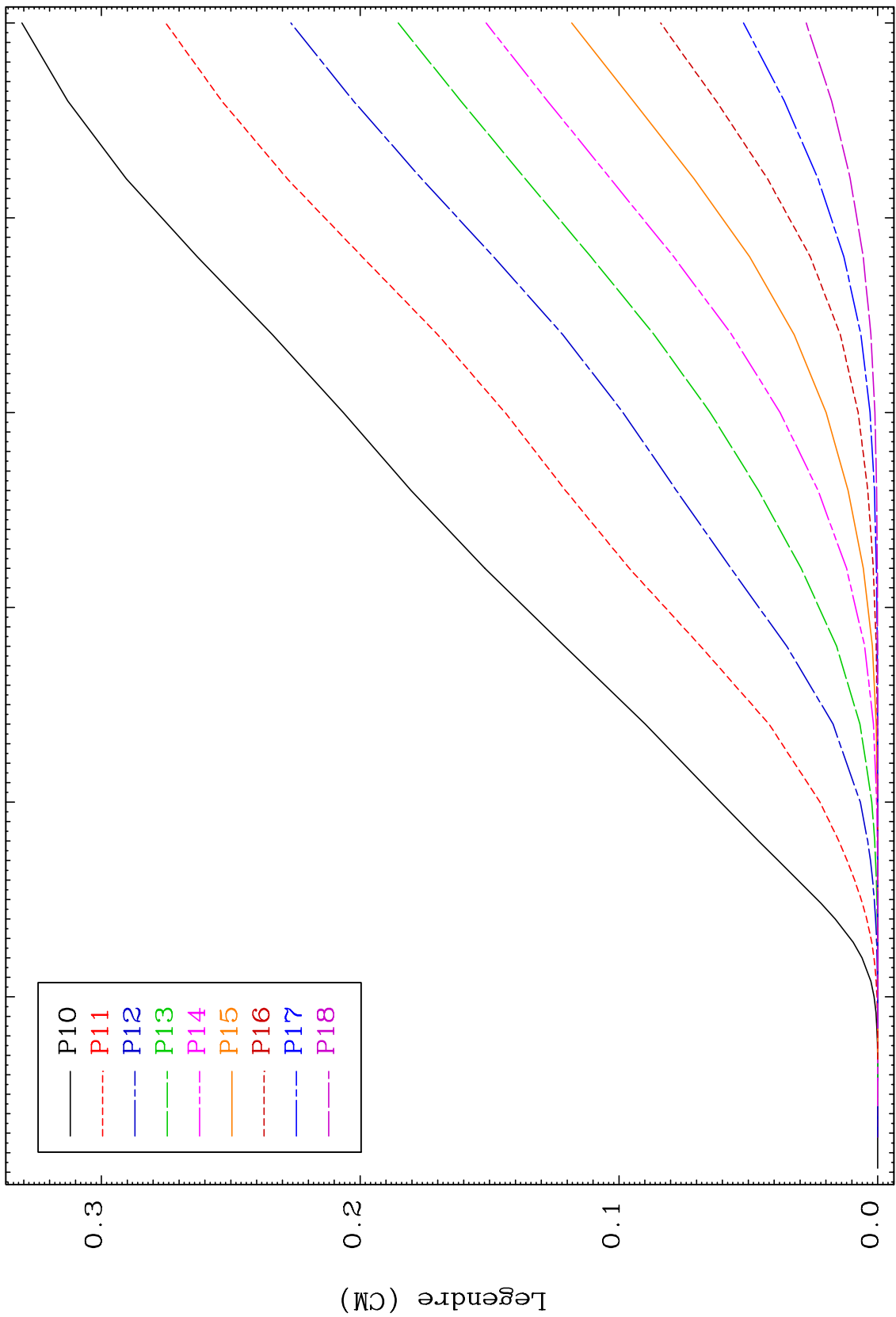
Incident Energy (MeV)

59-Pr-145

MAT 5937

Elastic Legendre Coefficients

59-Pr-145



18

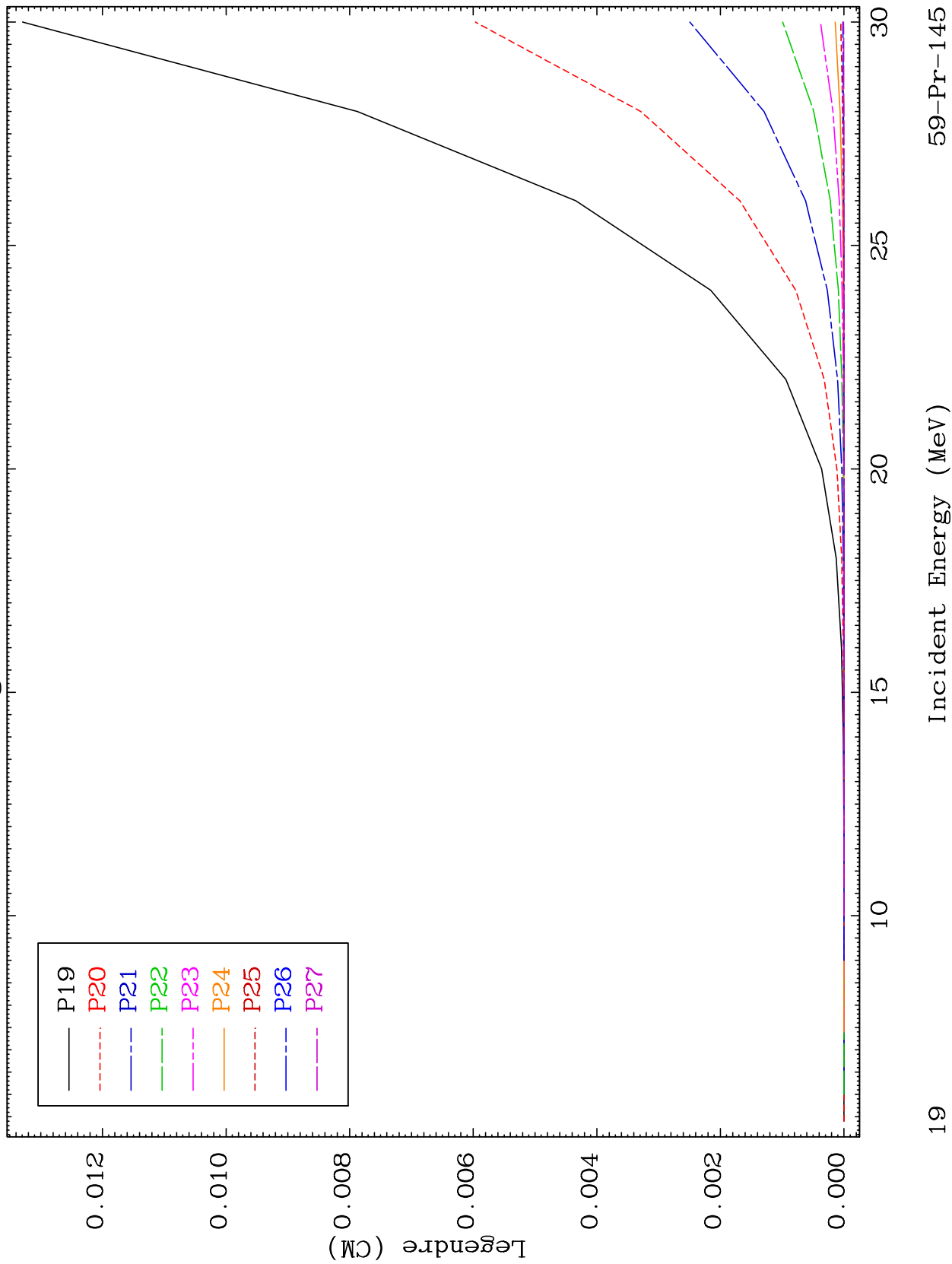
Incident Energy (MeV)

59-Pr-145

MAT 5937

Elastic Legendre Coefficients

59-Pr-145



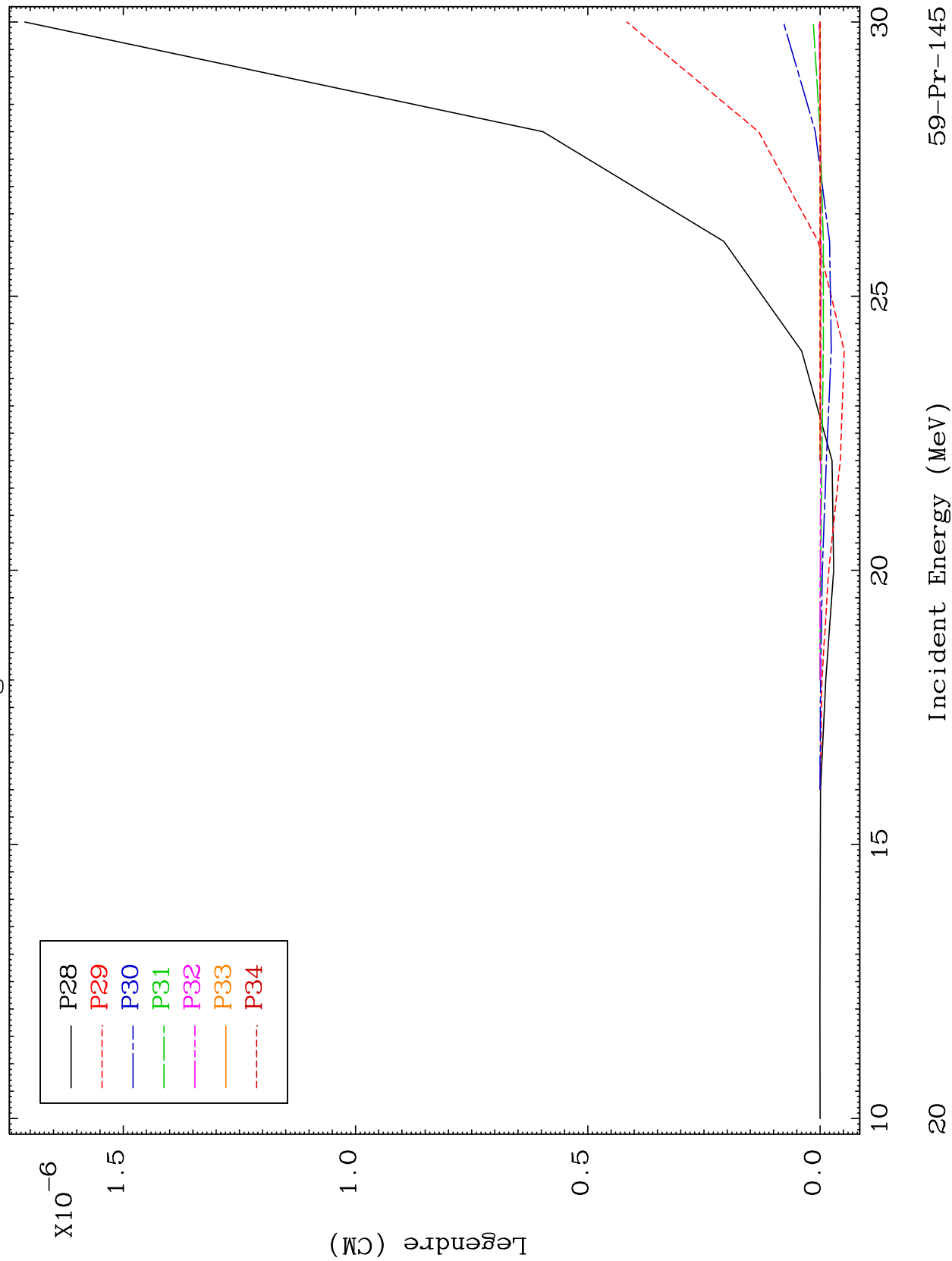
19

59-Pr-145

MAT 5937

Elastic Legendre Coefficients

59-Pr-145

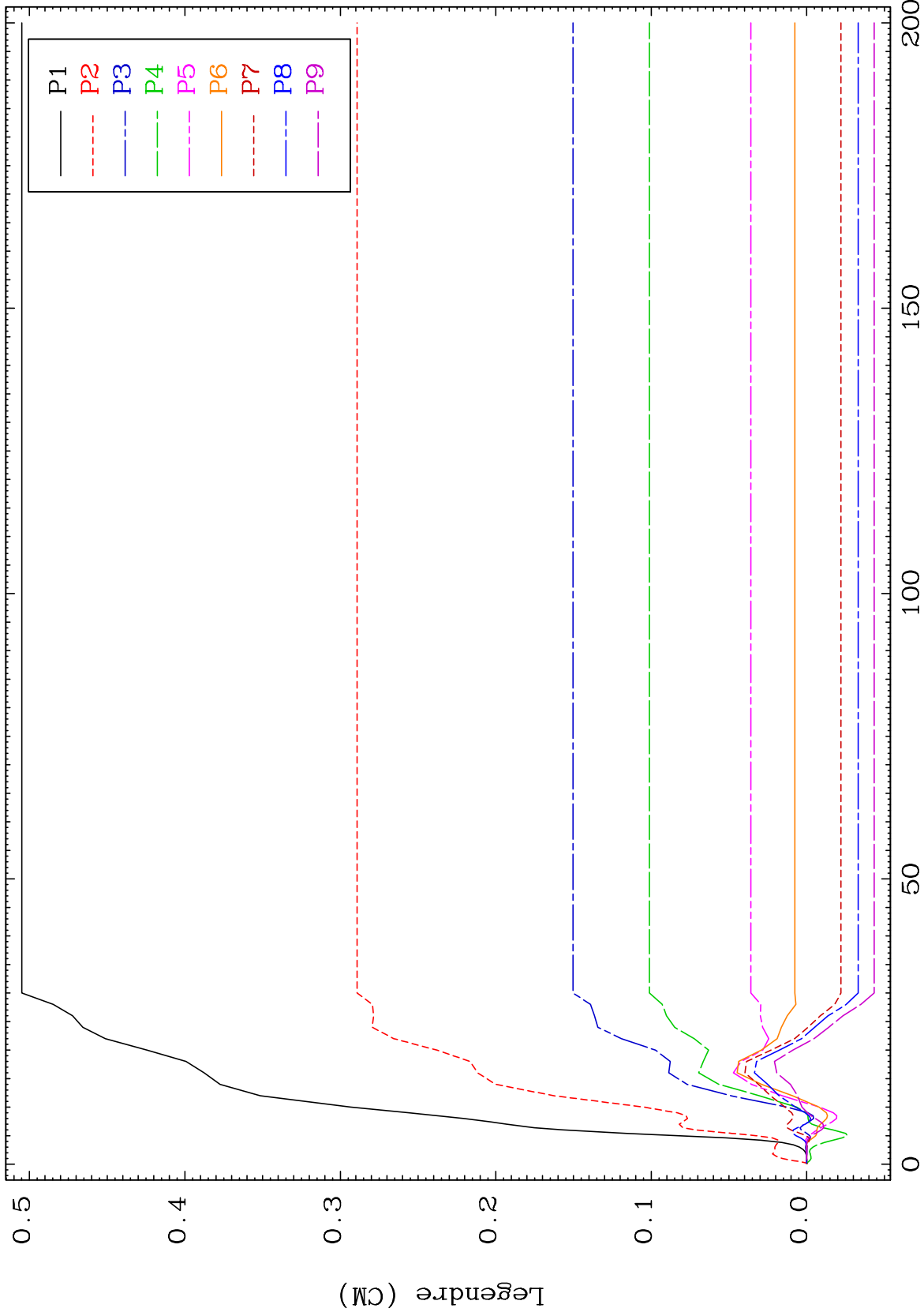


MAT 5937

MT= 51 (n,n') Level

59-Pr-145

Legendre Coefficients



21

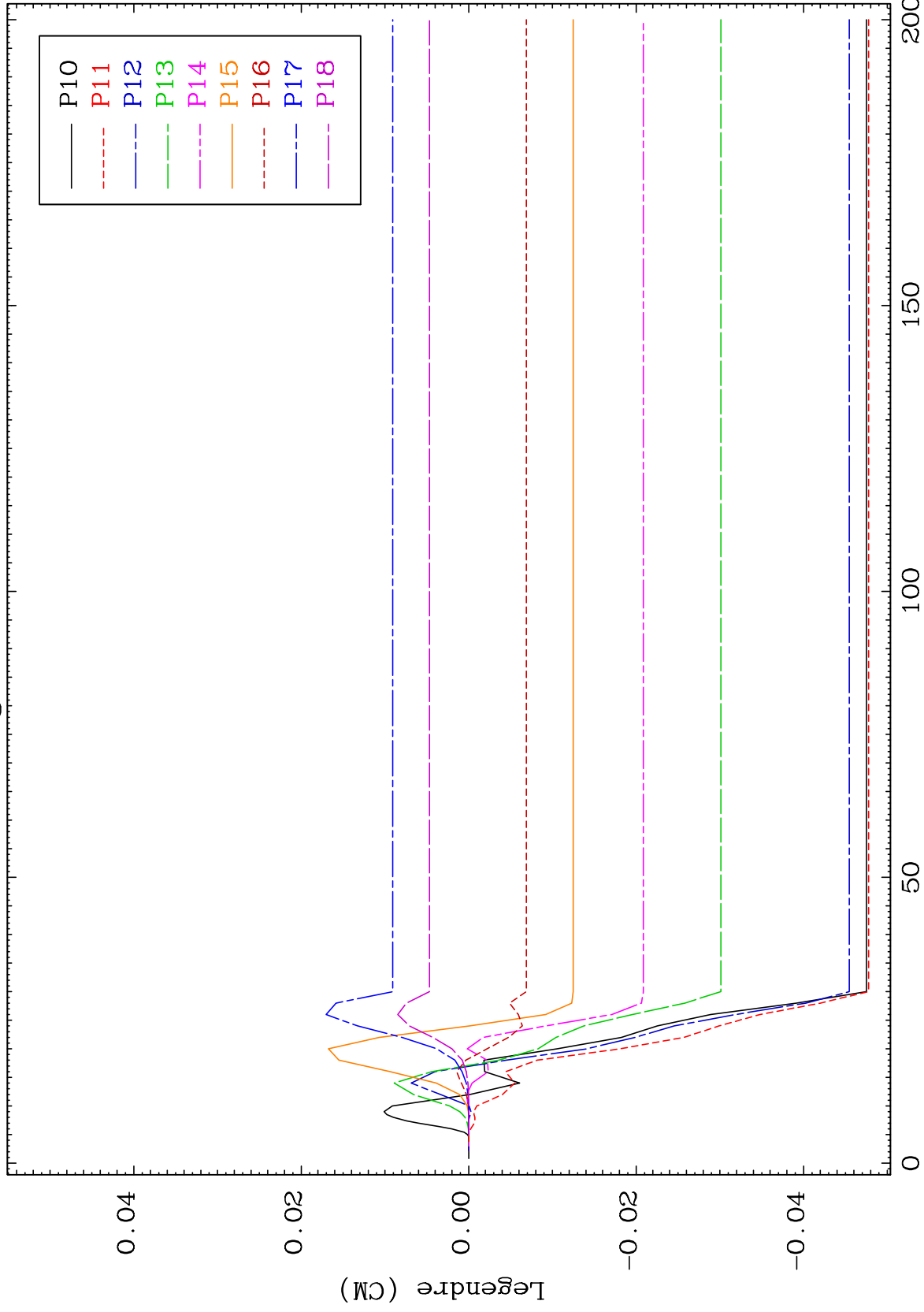
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

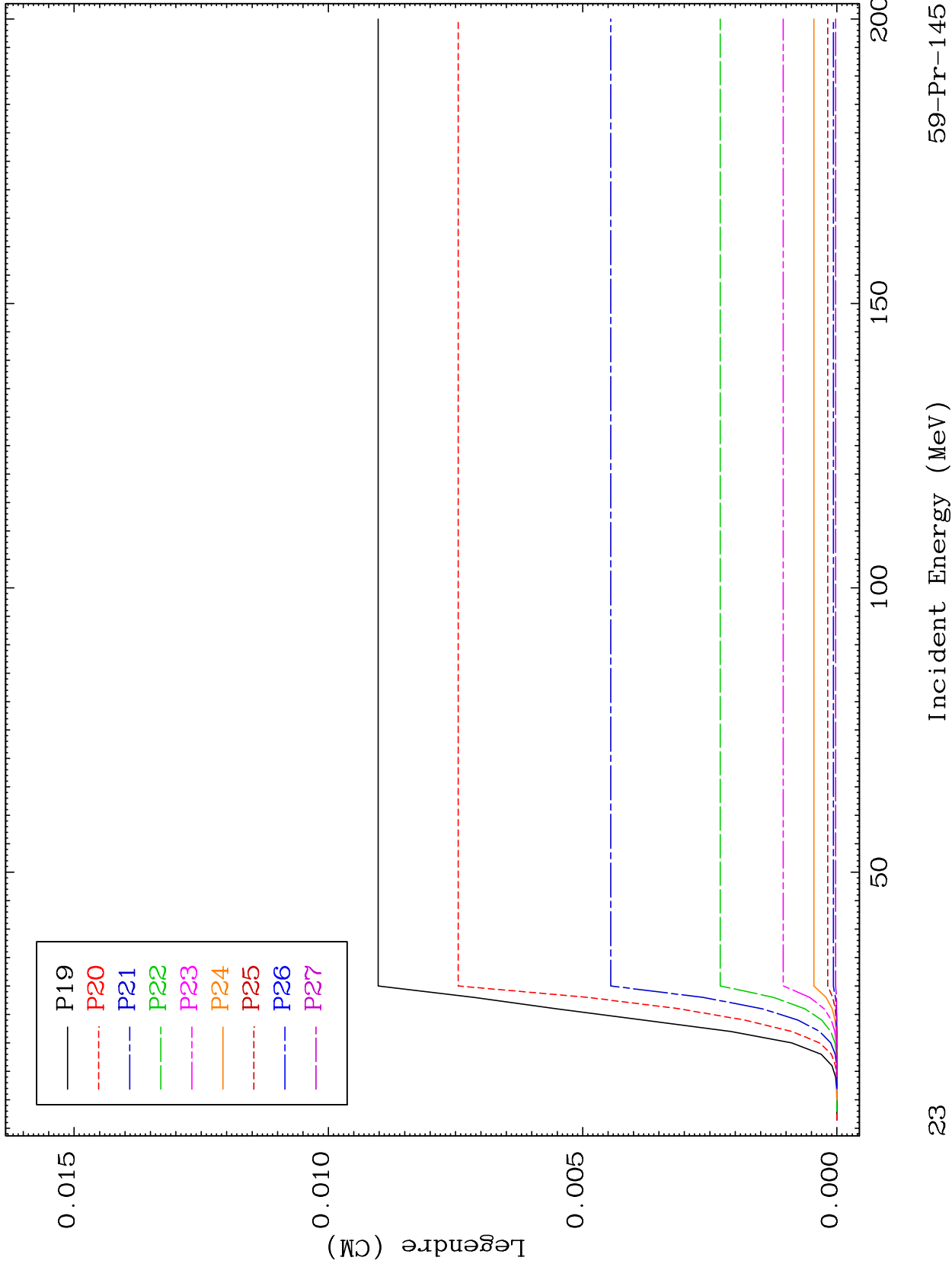
59-Pr-145



22

Incident Energy (MeV)

59-Pr-145

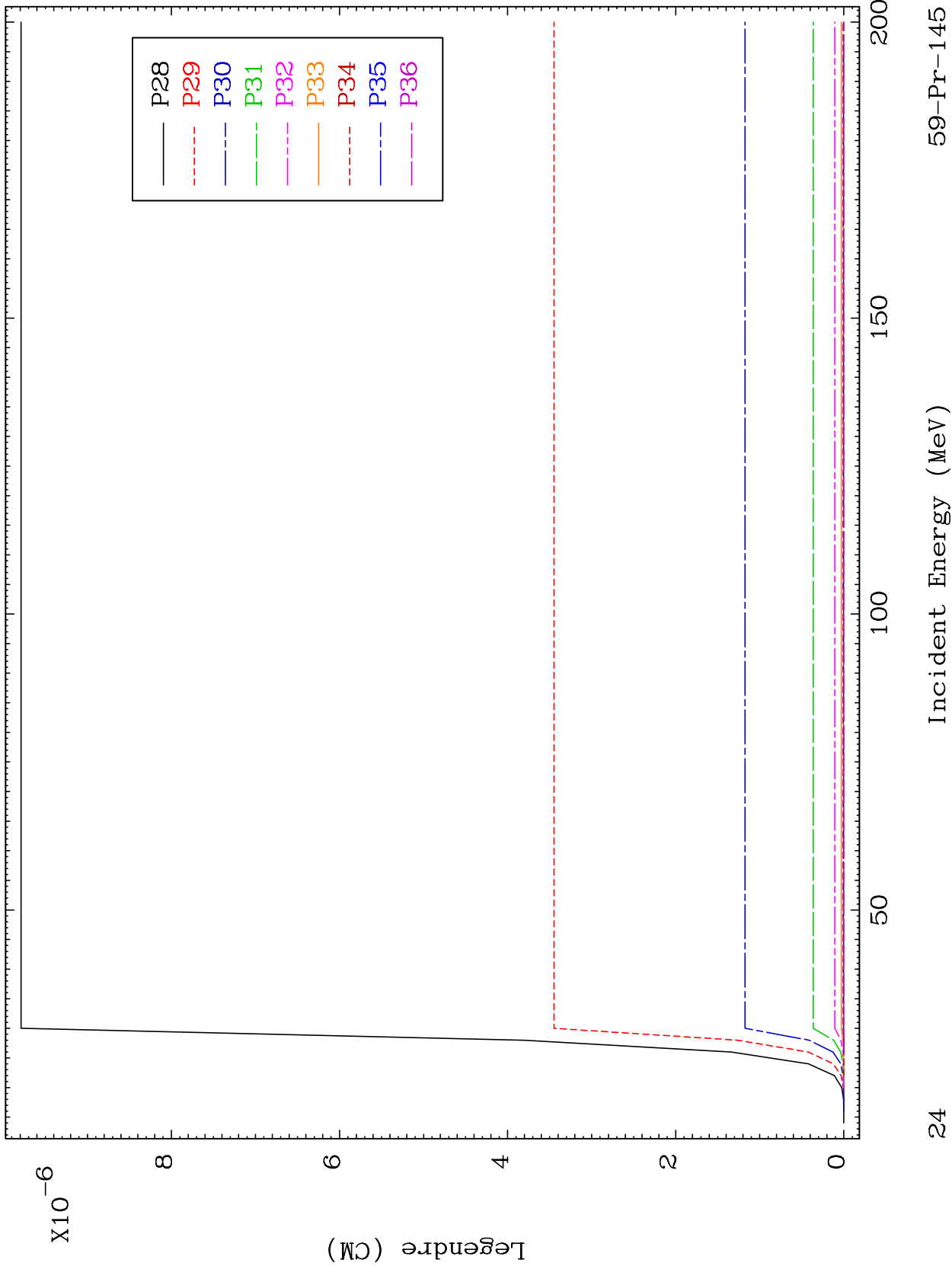




MAT 5937

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

59-Pr-145



24

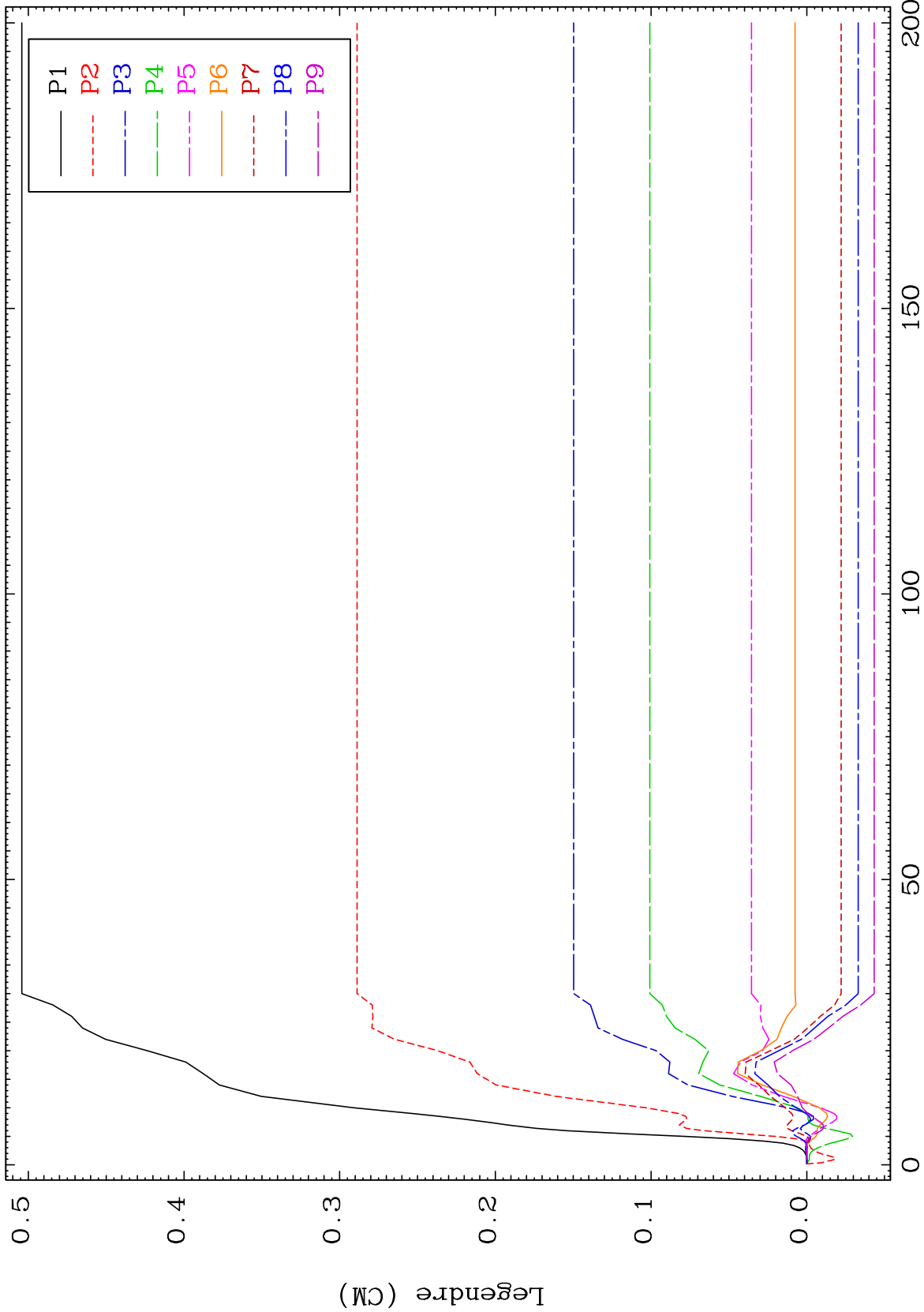
59-Pr-145

MAT 5937

MT= 52 (n,n') Level

59-Pr-145

Legendre Coefficients



25

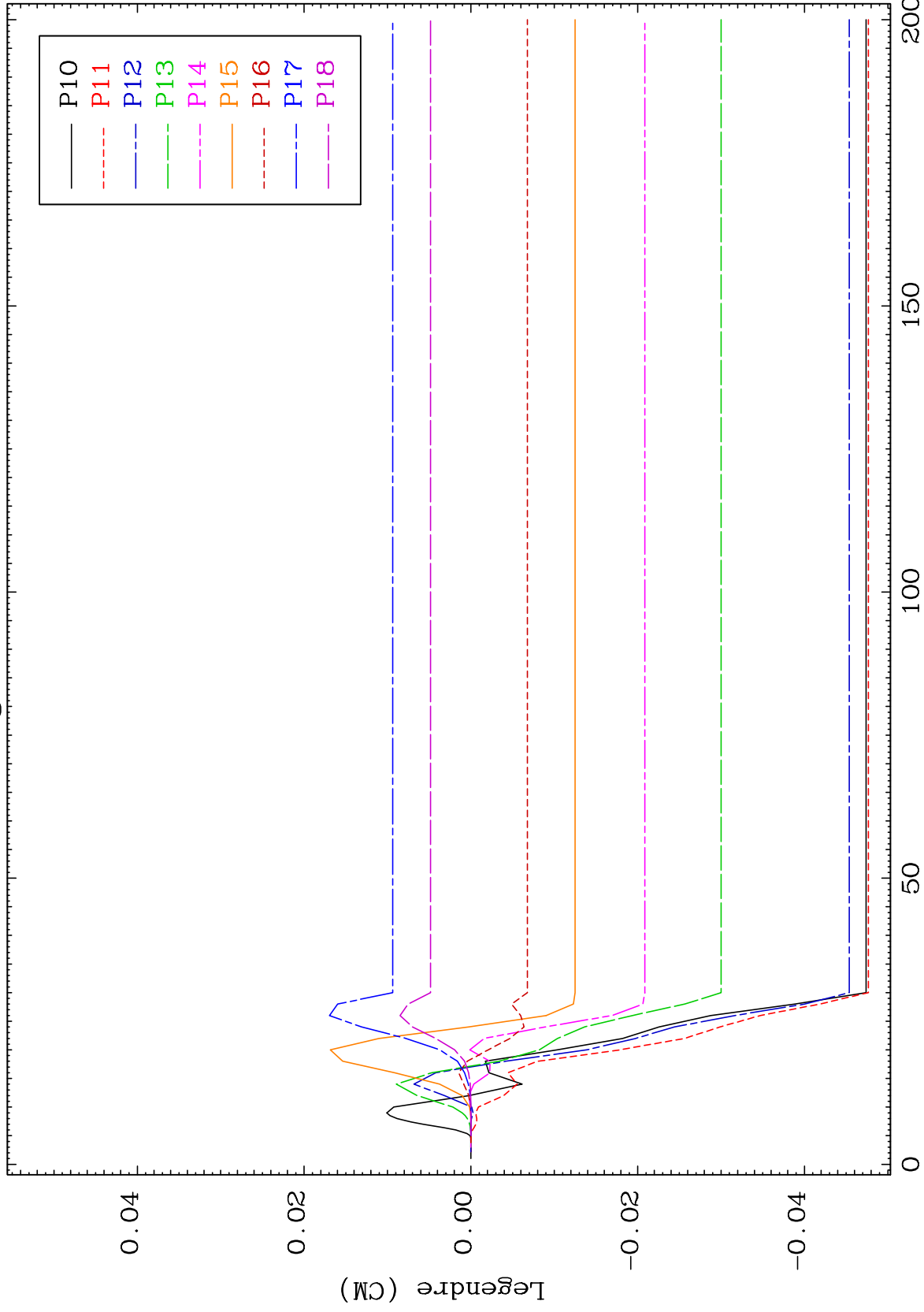
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

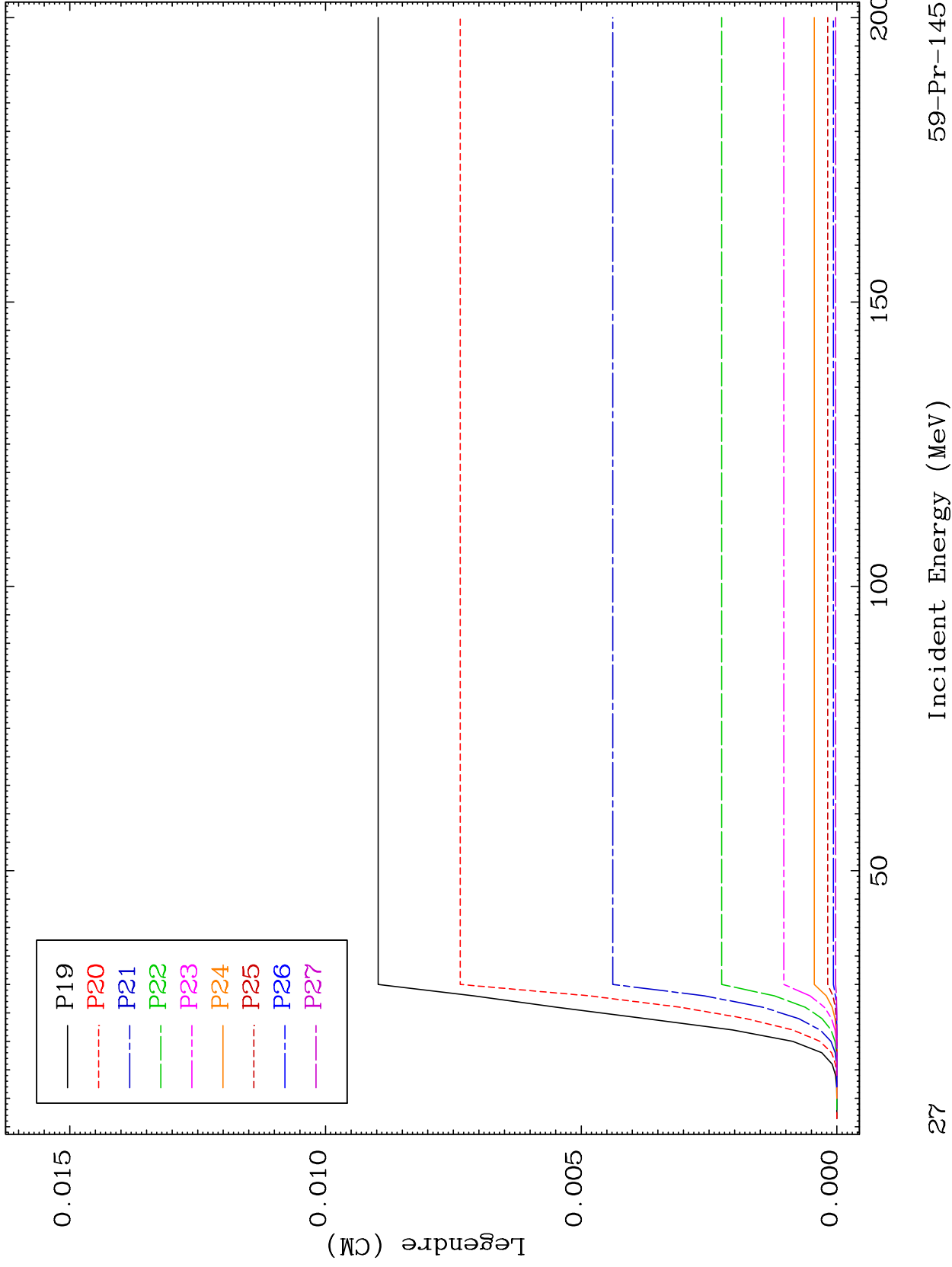
59-Pr-145



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Incident Energy (MeV)

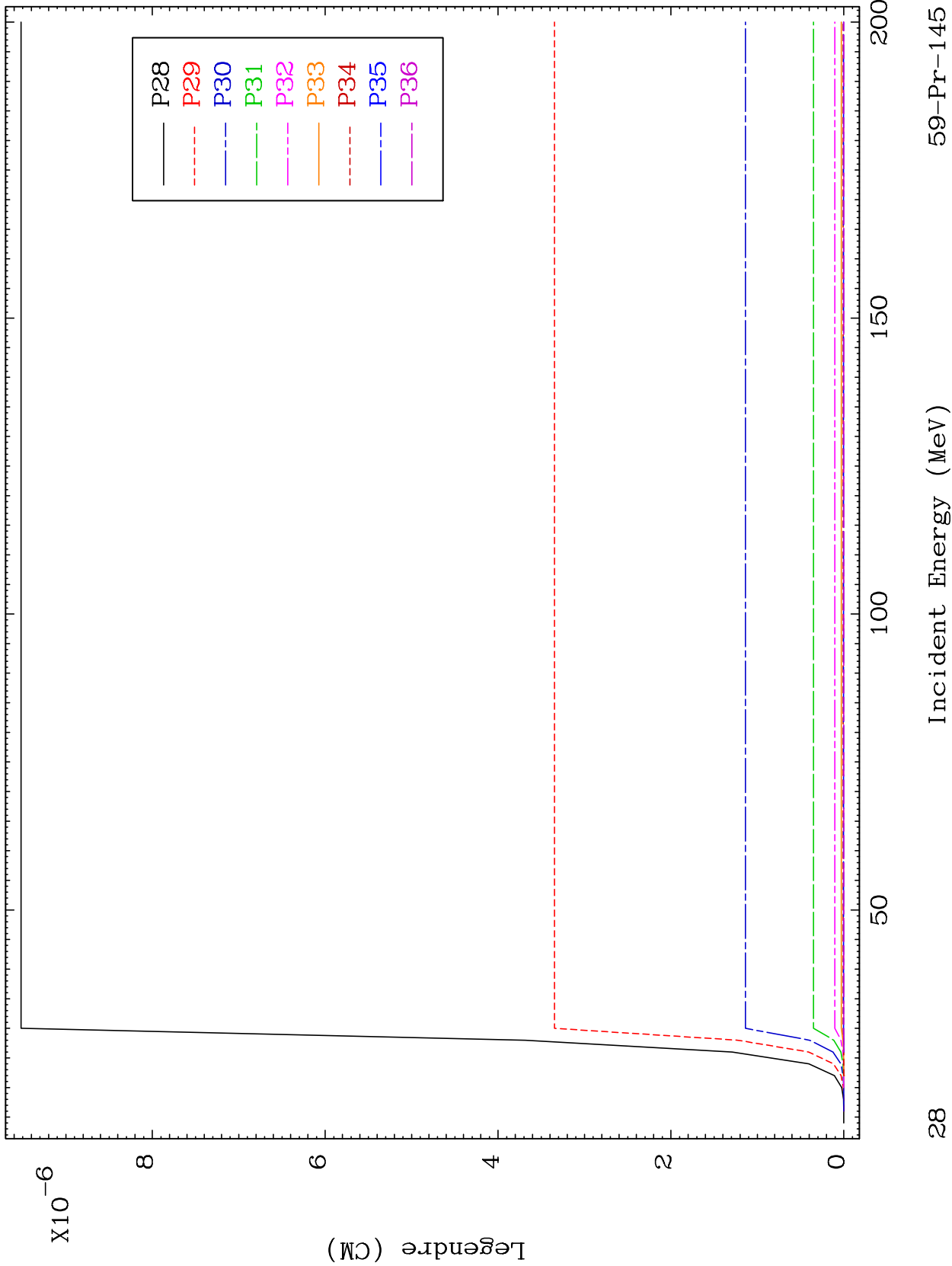
59-Pr-145



MAT 5937

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

59-Pr-145



28

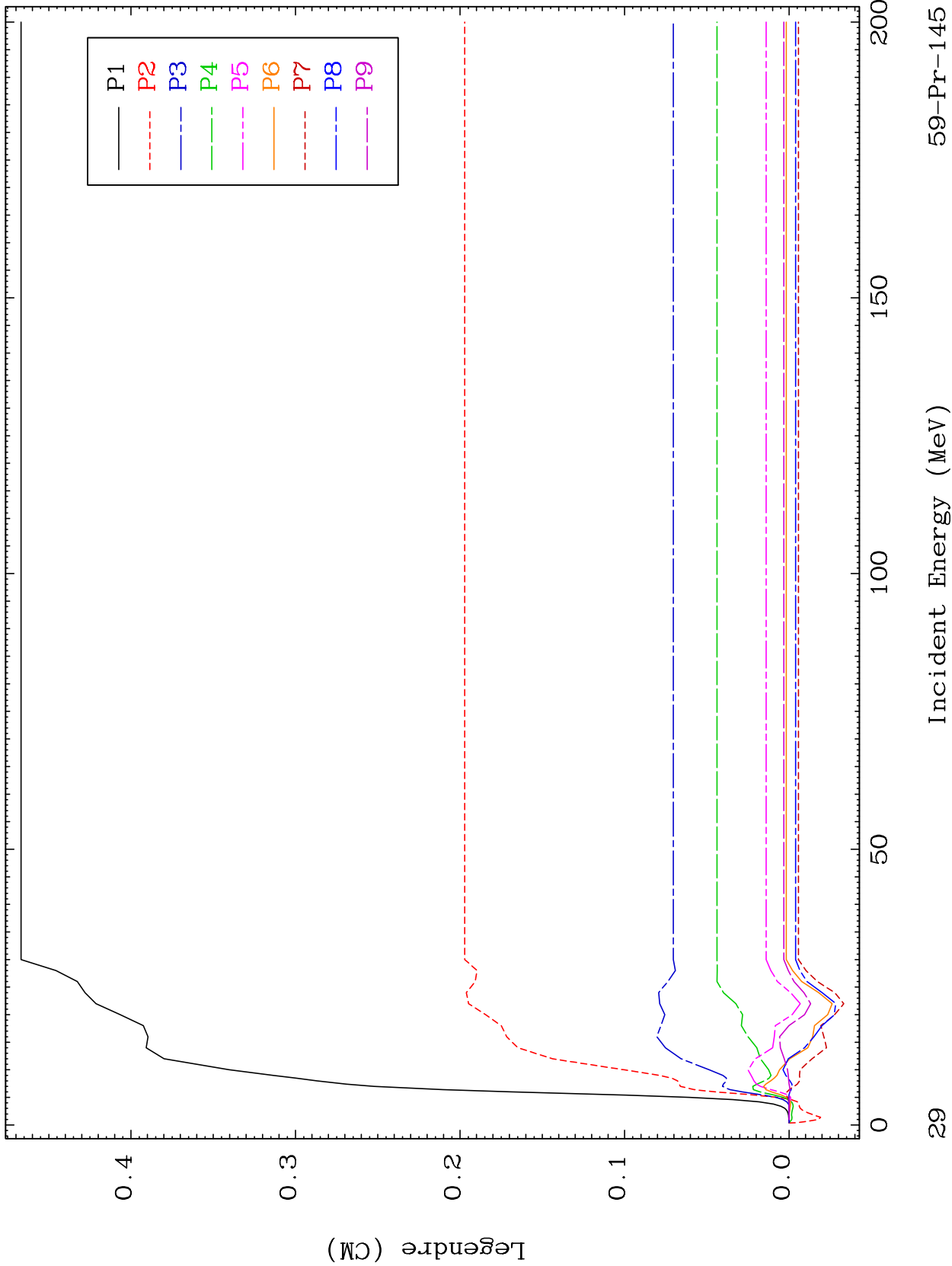
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



29

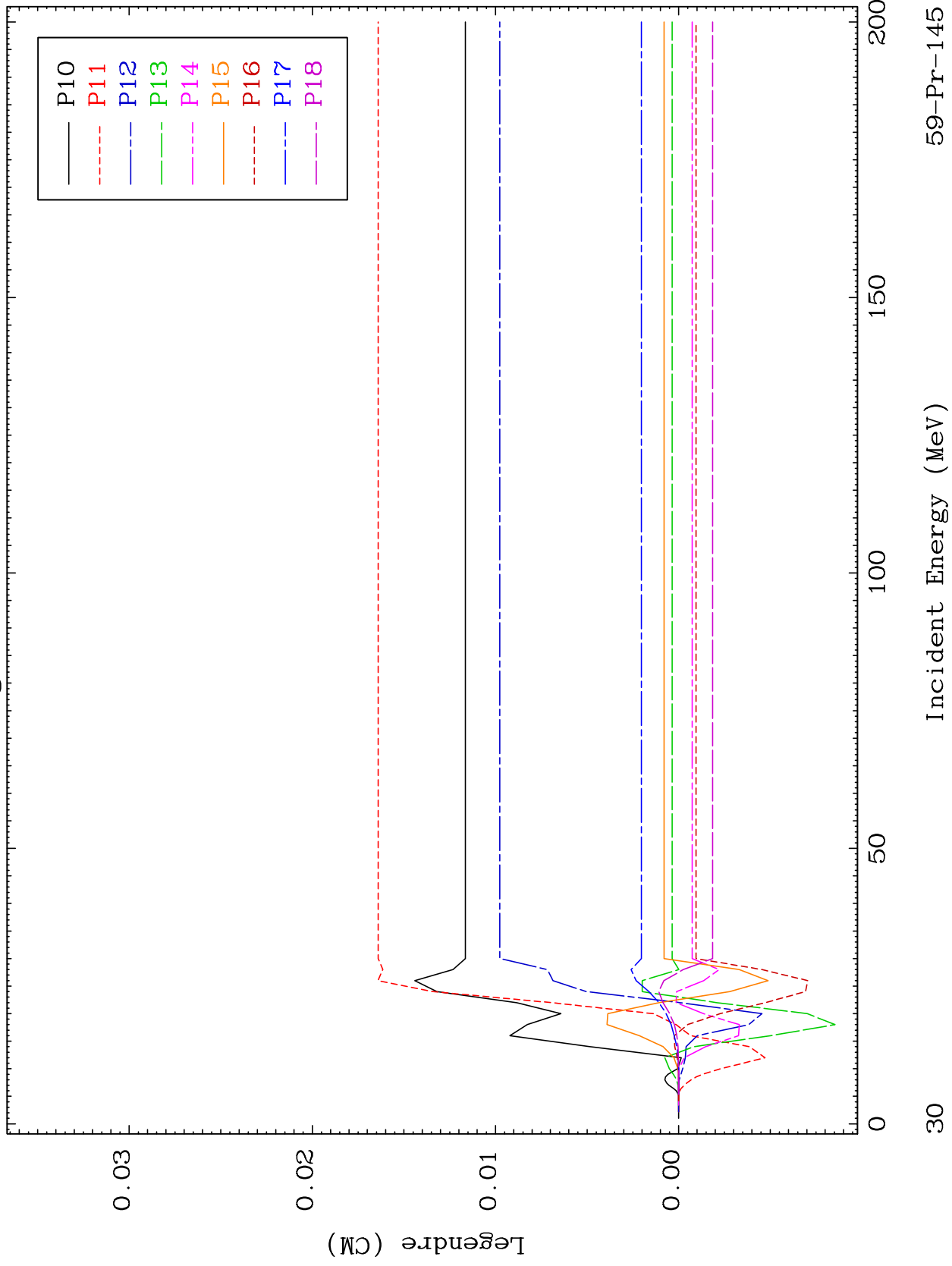
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

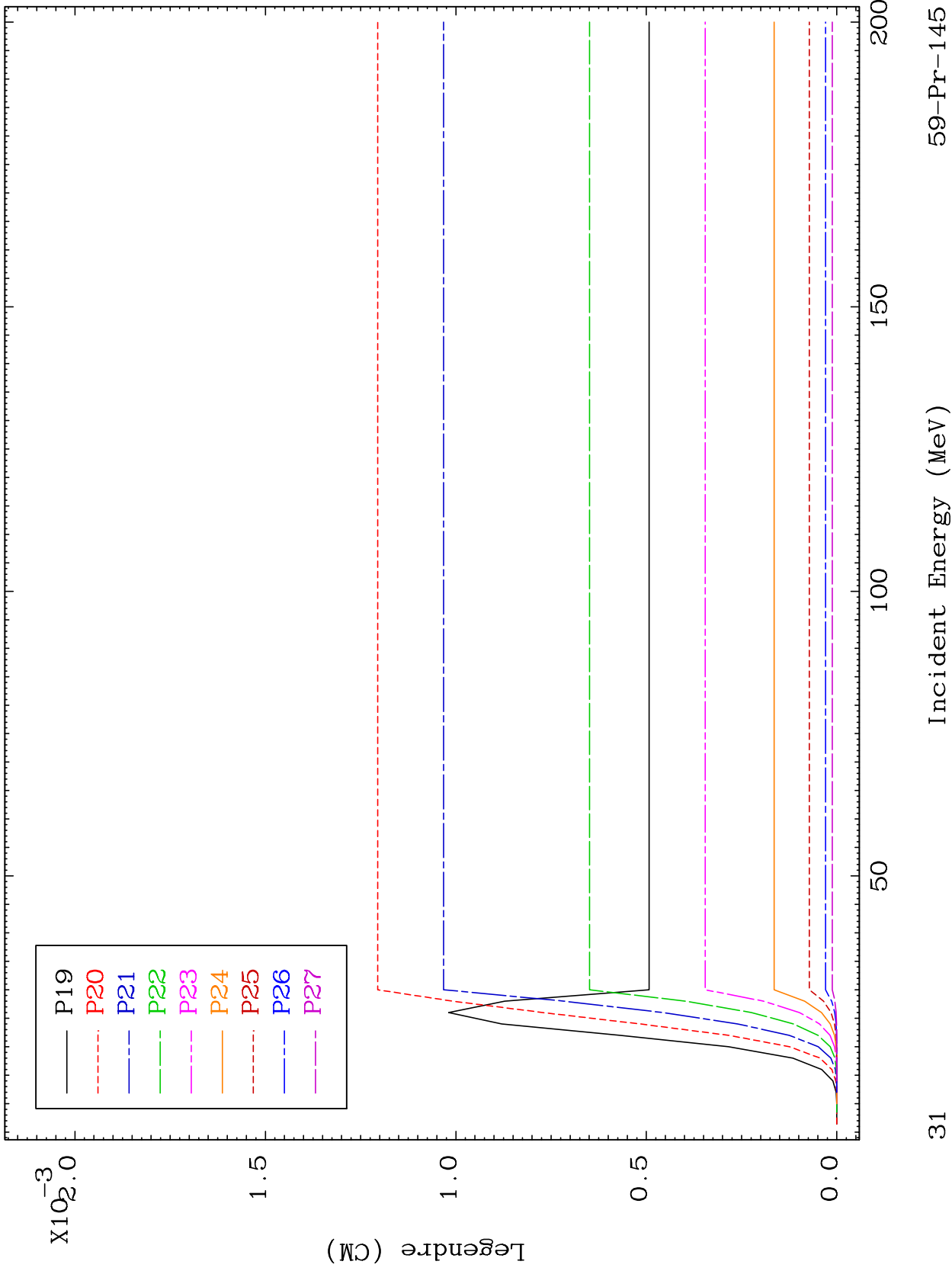
59-Pr-145



MAT 5937

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

59-Pr-145

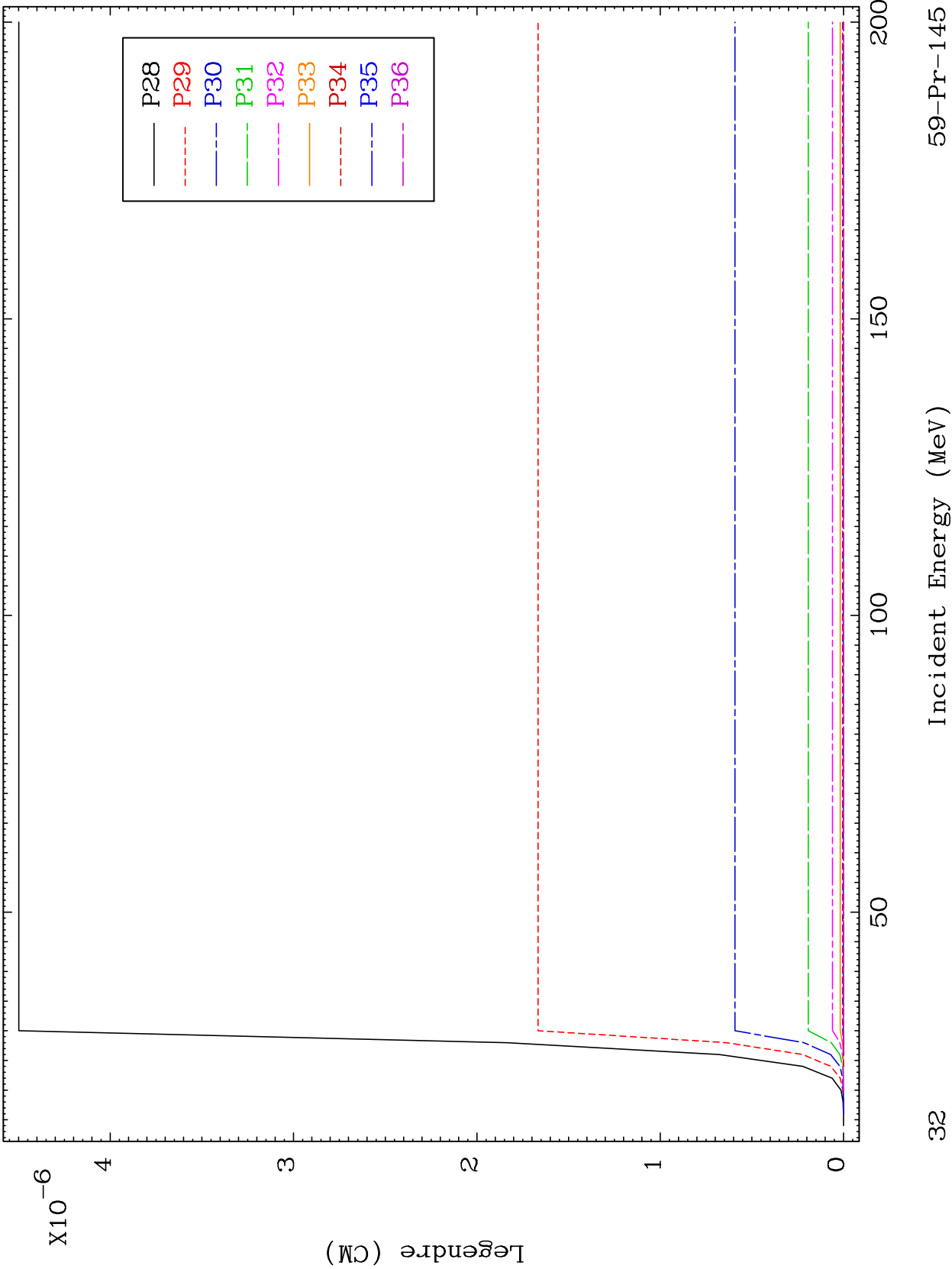




MAT 5937

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

59-Pr-145



32

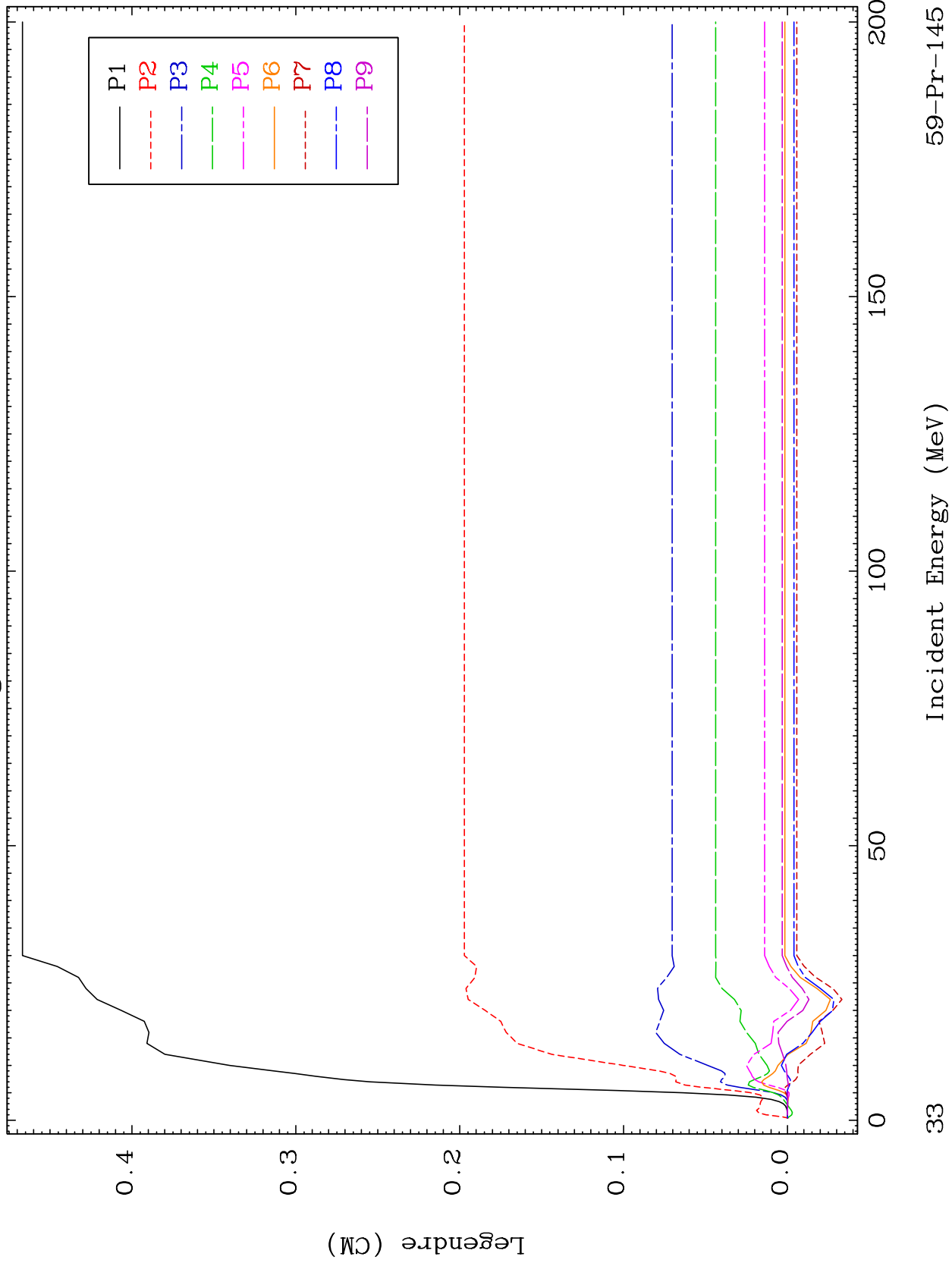
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



59-Pr-145

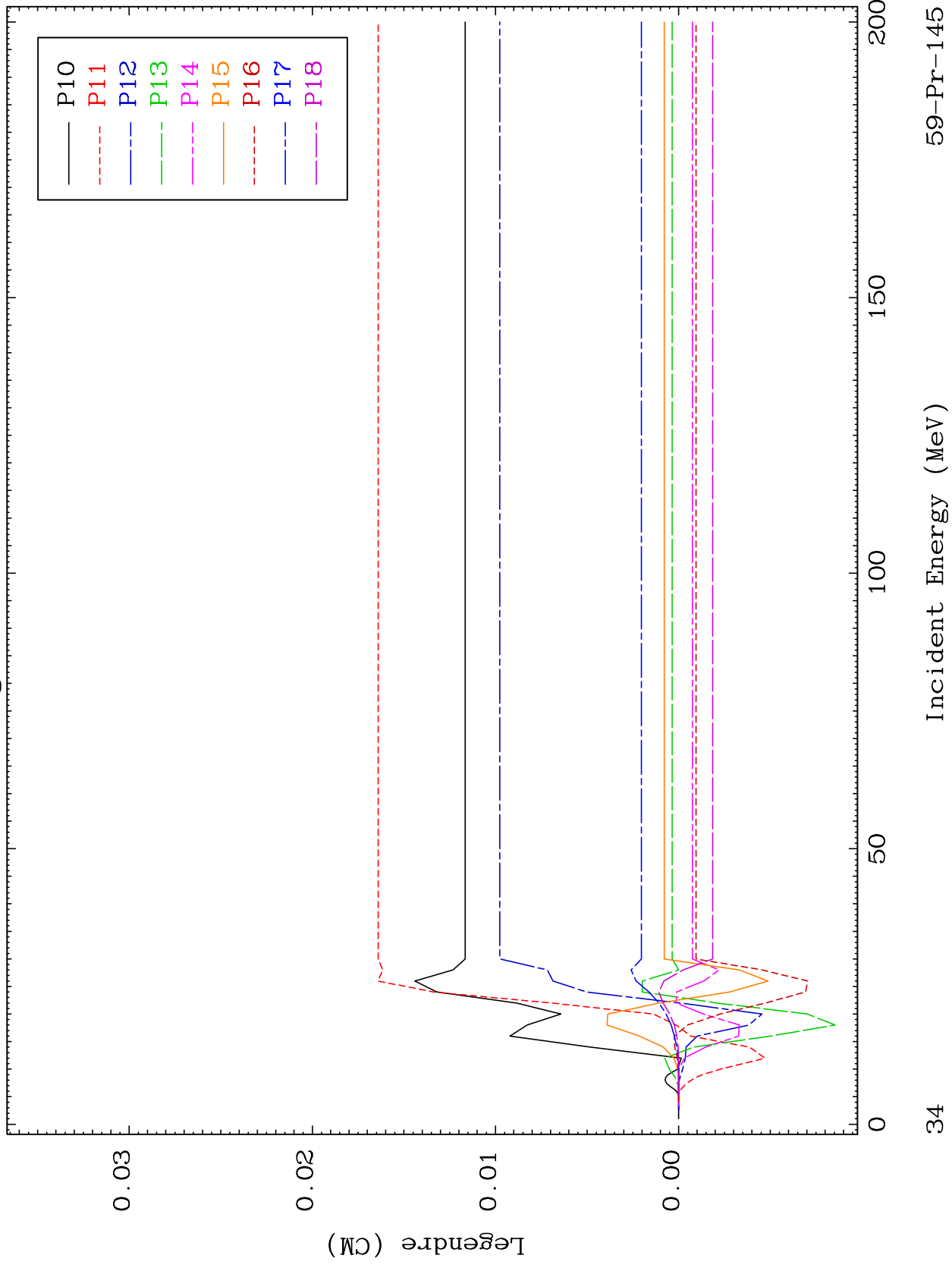
Incident Energy (MeV)

33

MAT 5937

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

59-Pr-145



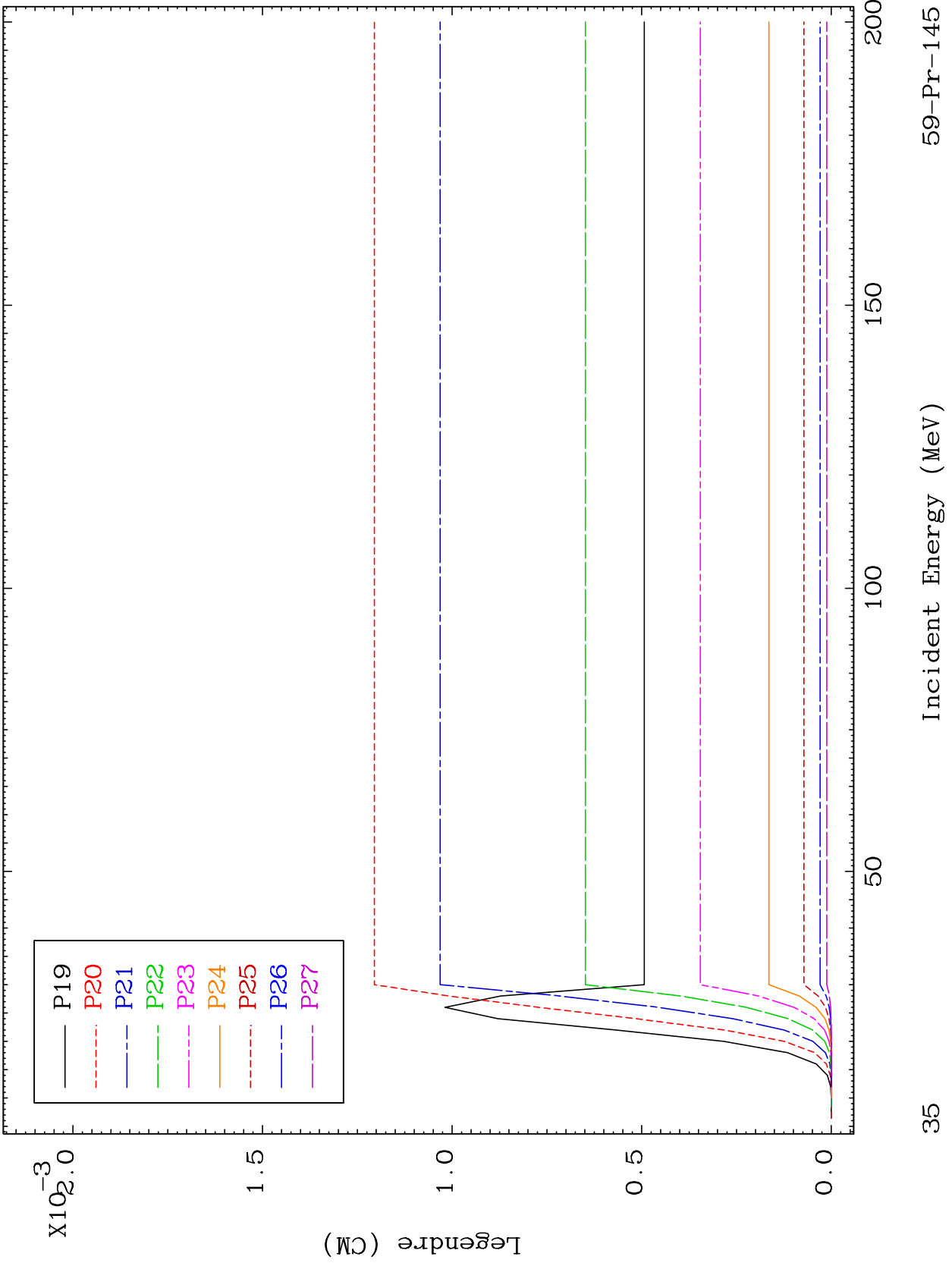
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59-Pr-145

MAT 5937

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

59-Pr-145



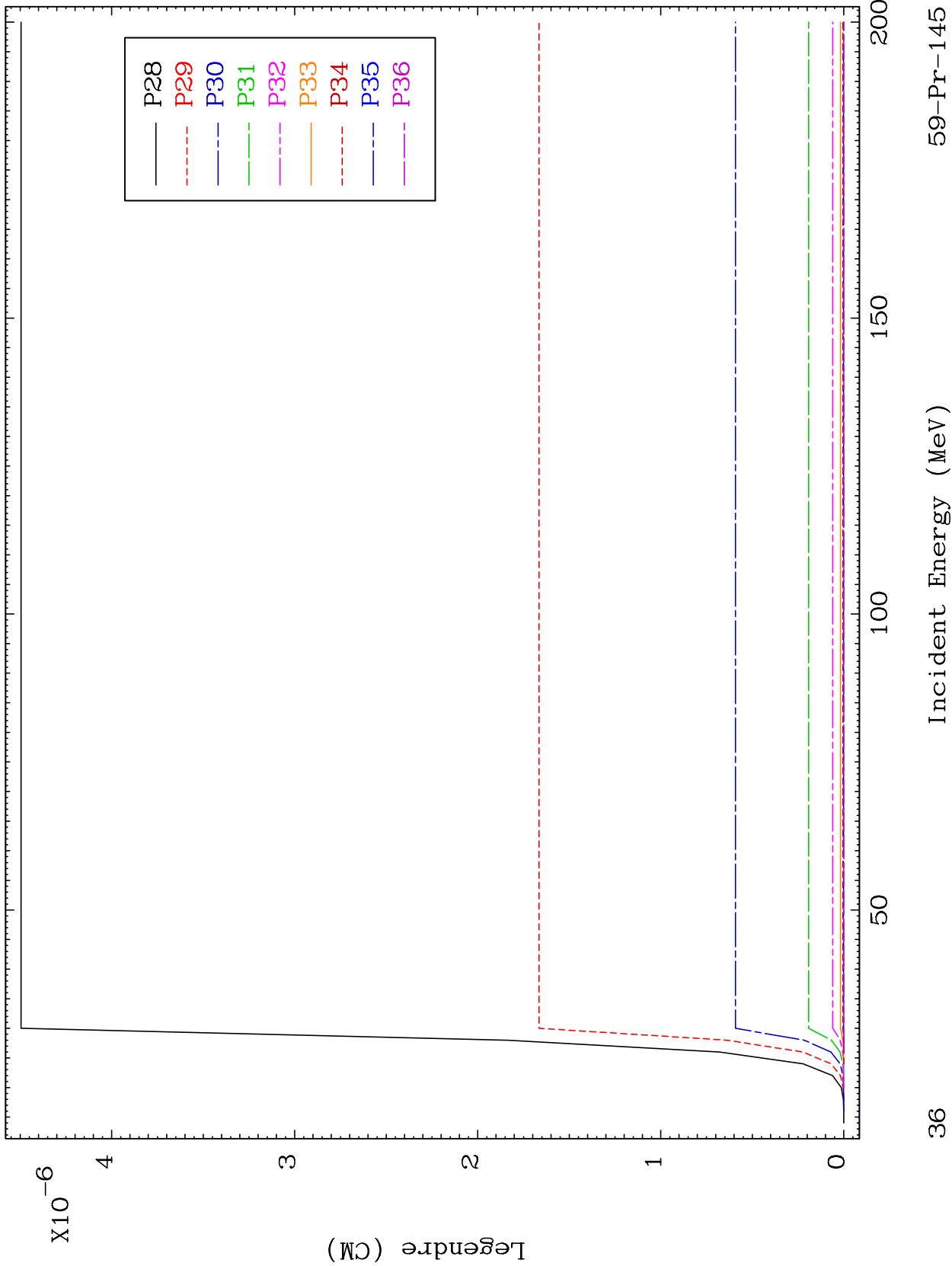
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59-Pr-145

MAT 5937

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

59-Pr-145



36

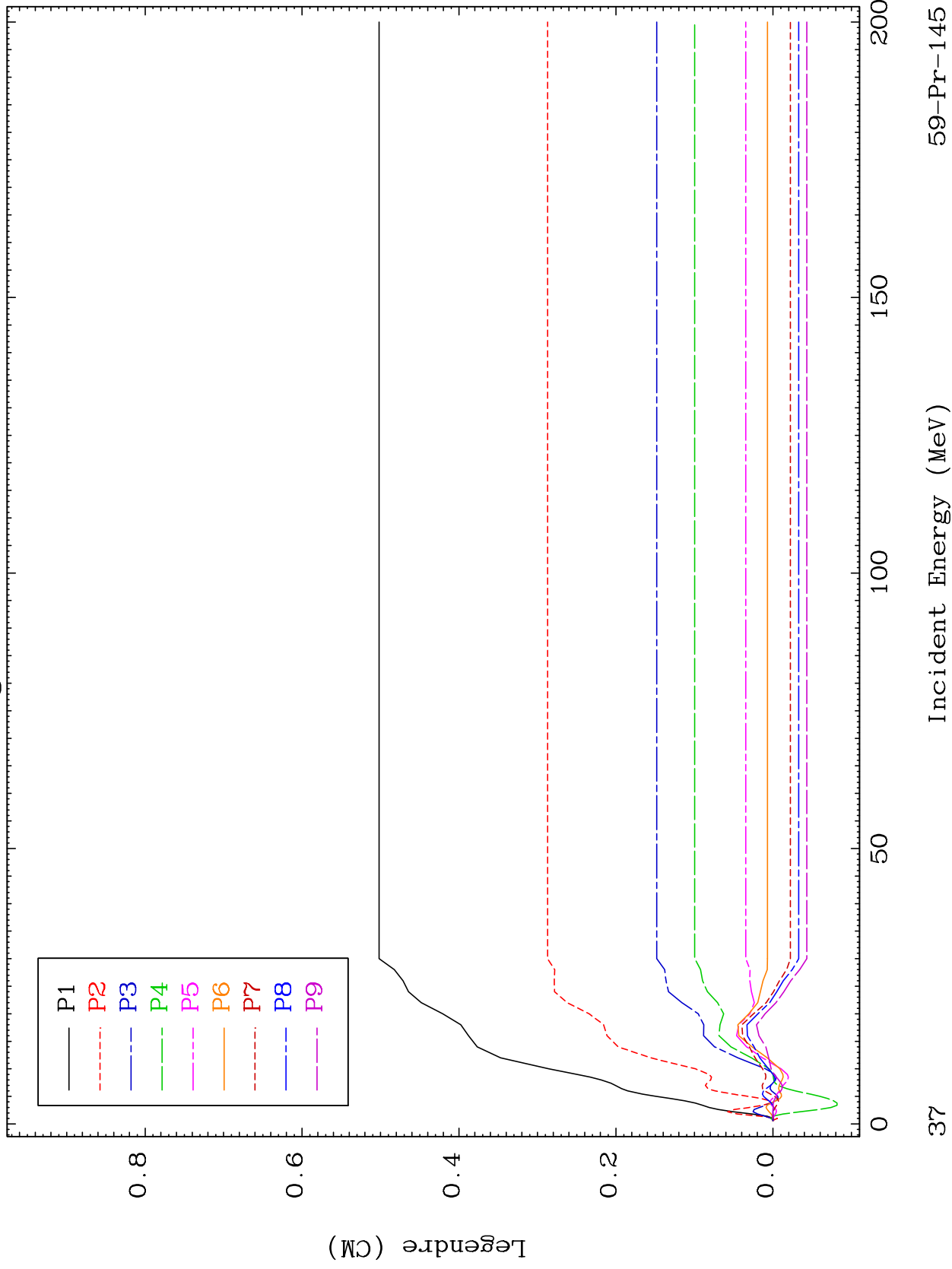
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



59-Pr-145

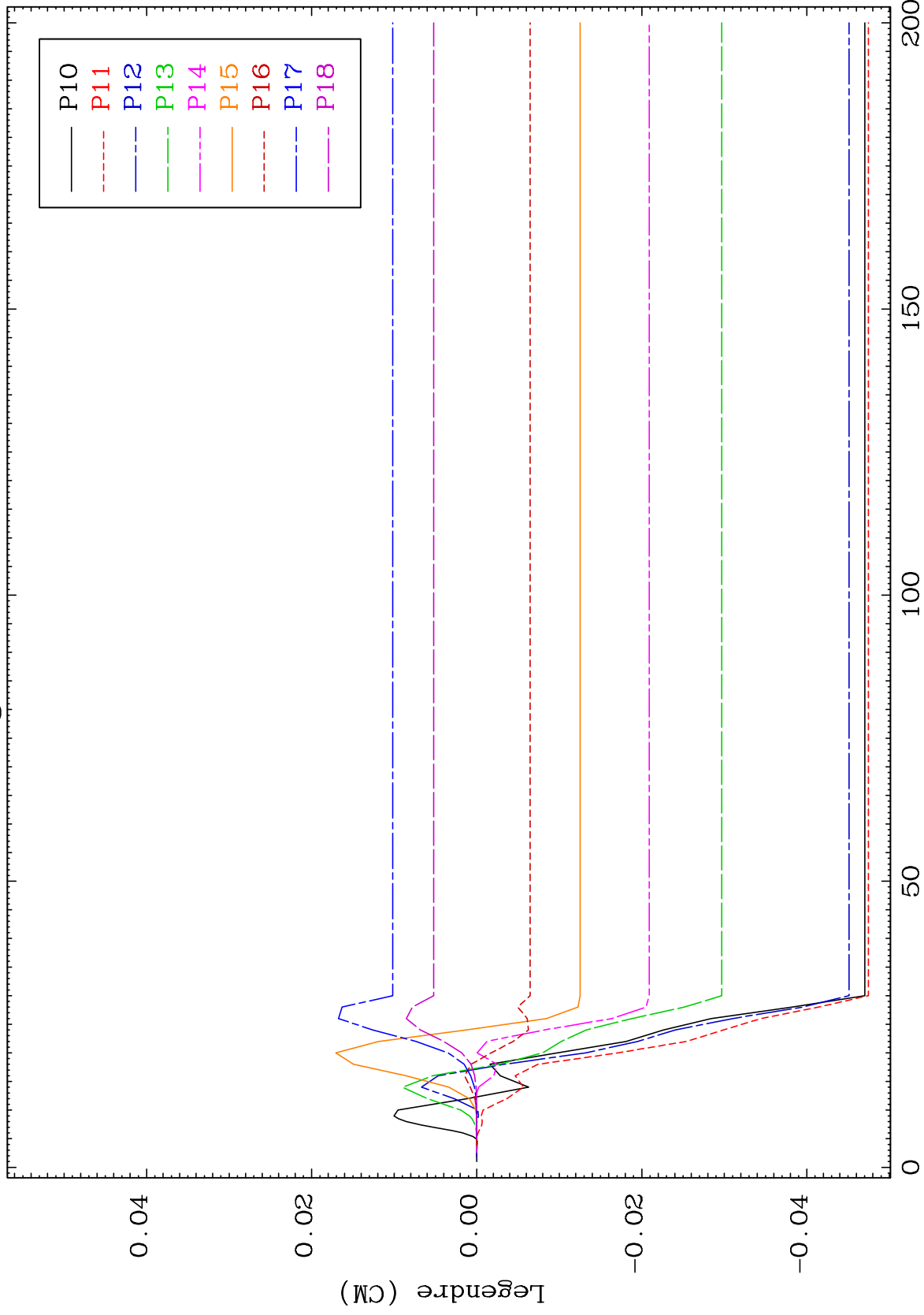
Incident Energy (MeV)

37

MAT 5937

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

59-Pr-145



59-Pr-145

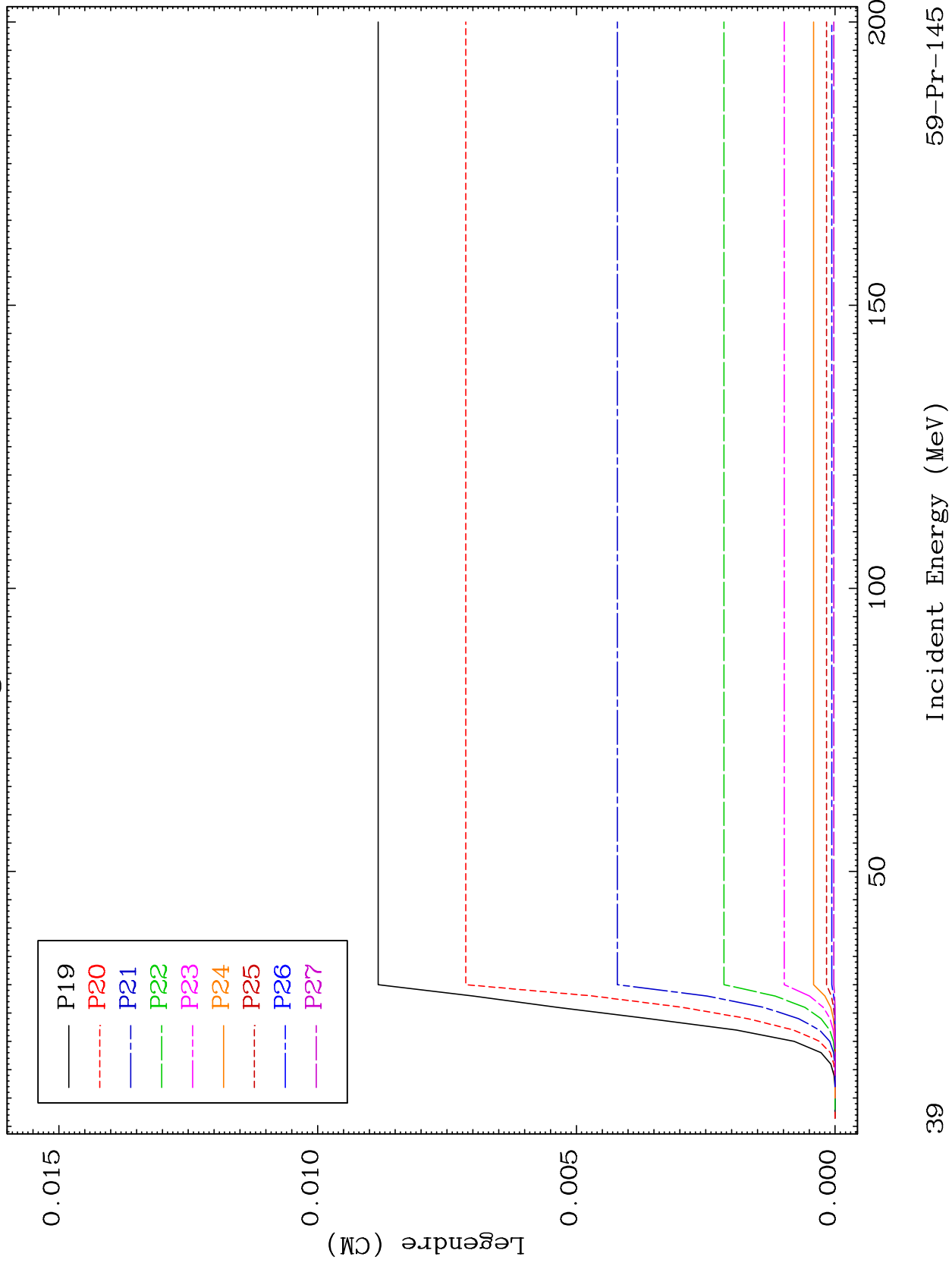
Incident Energy (MeV)

38

MAT 5937

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

59-Pr-145



39

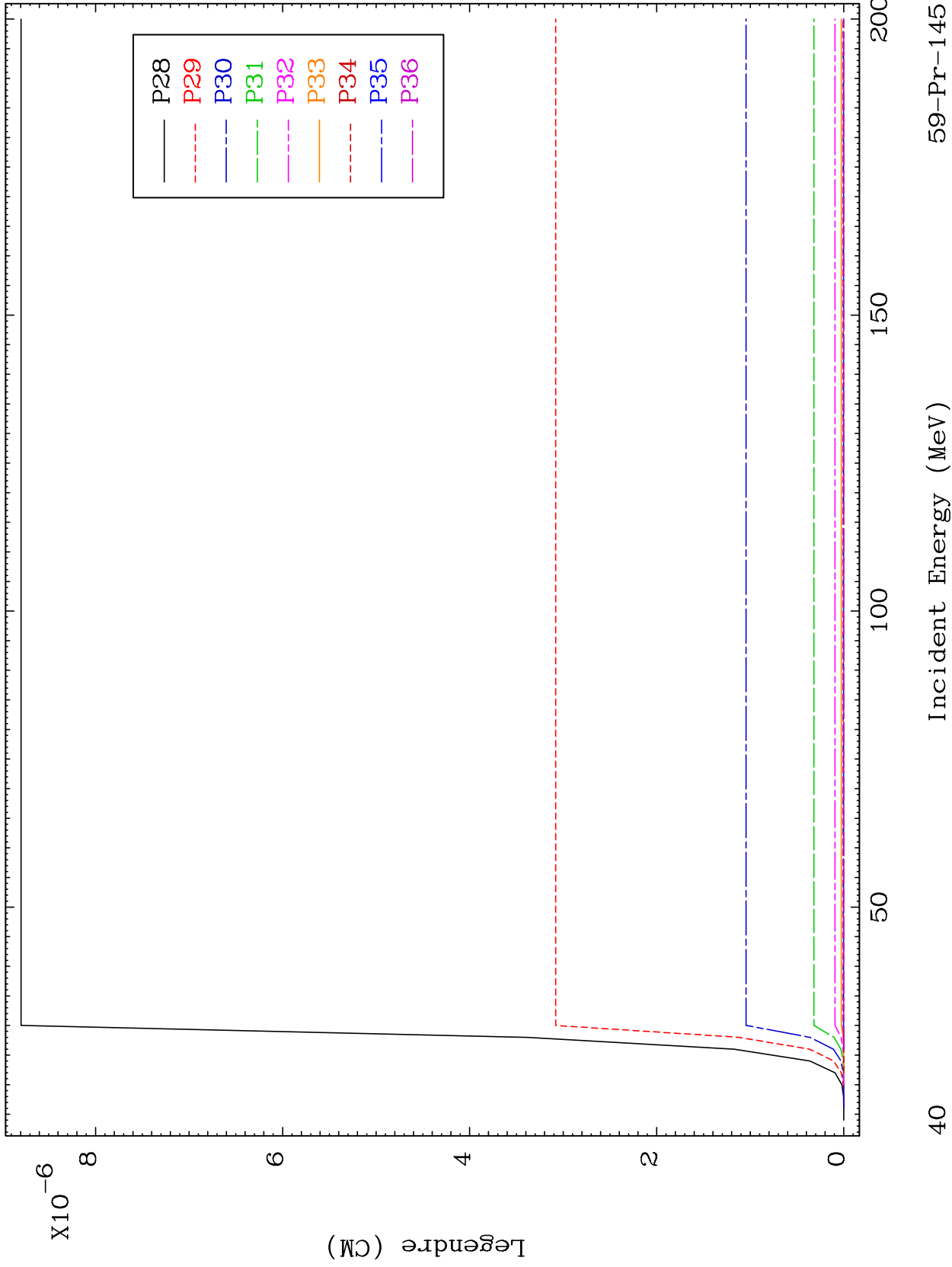
59-Pr-145



MAT 5937

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

59-Pr-145

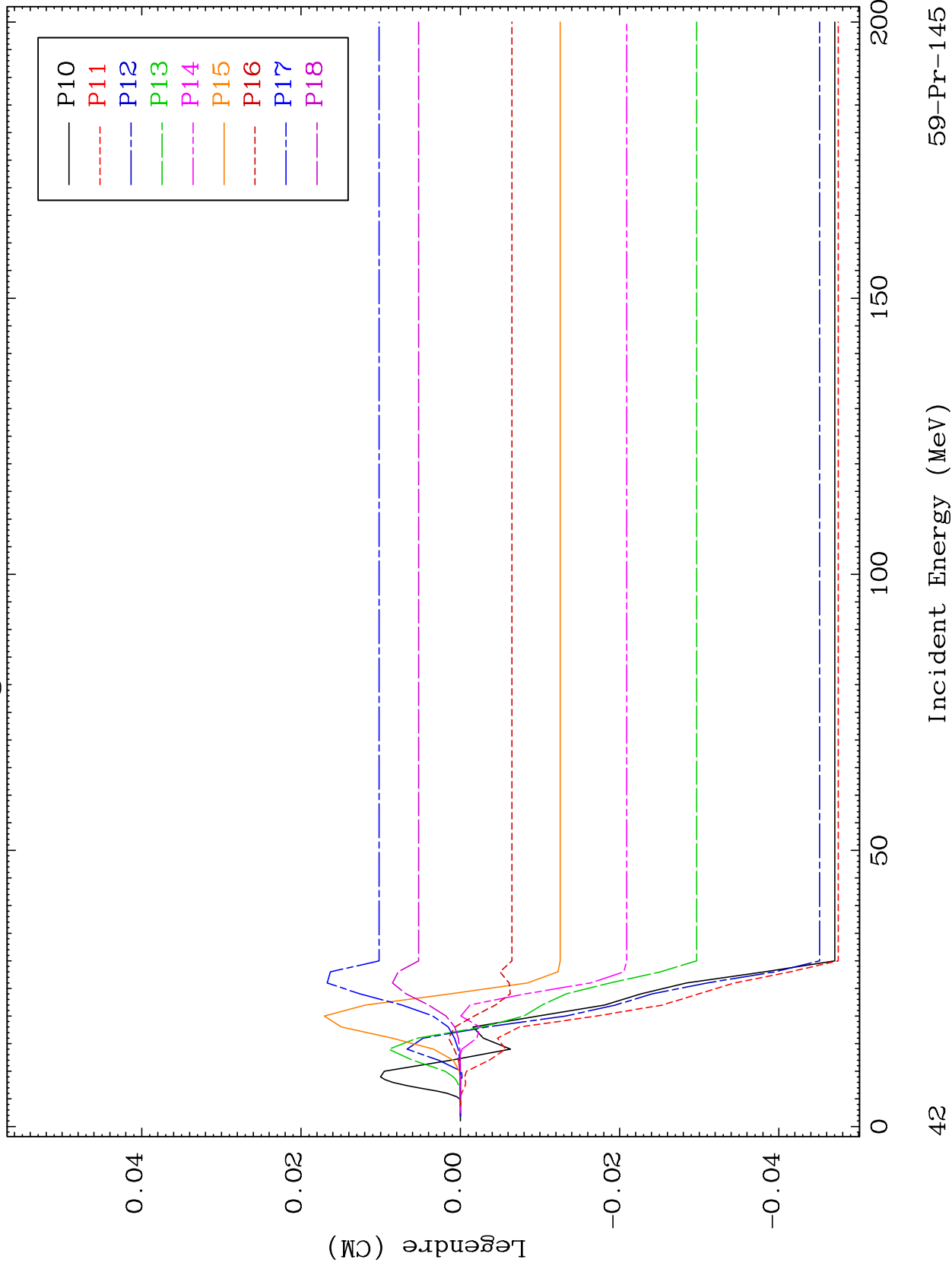




MAT 5937

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

59-Pr-145



59-Pr-145

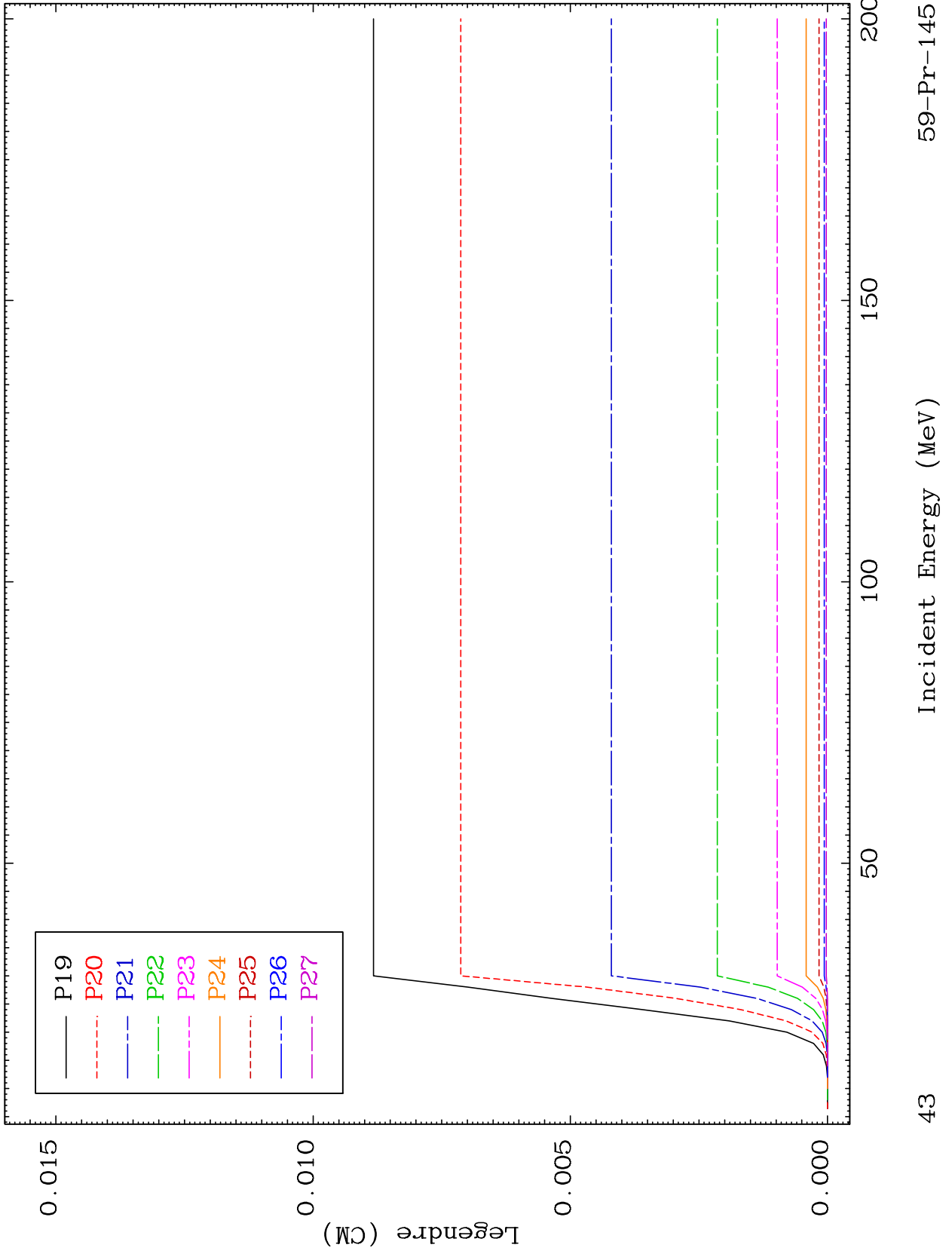
Incident Energy (MeV)

42

MAT 5937

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

59-Pr-145



43

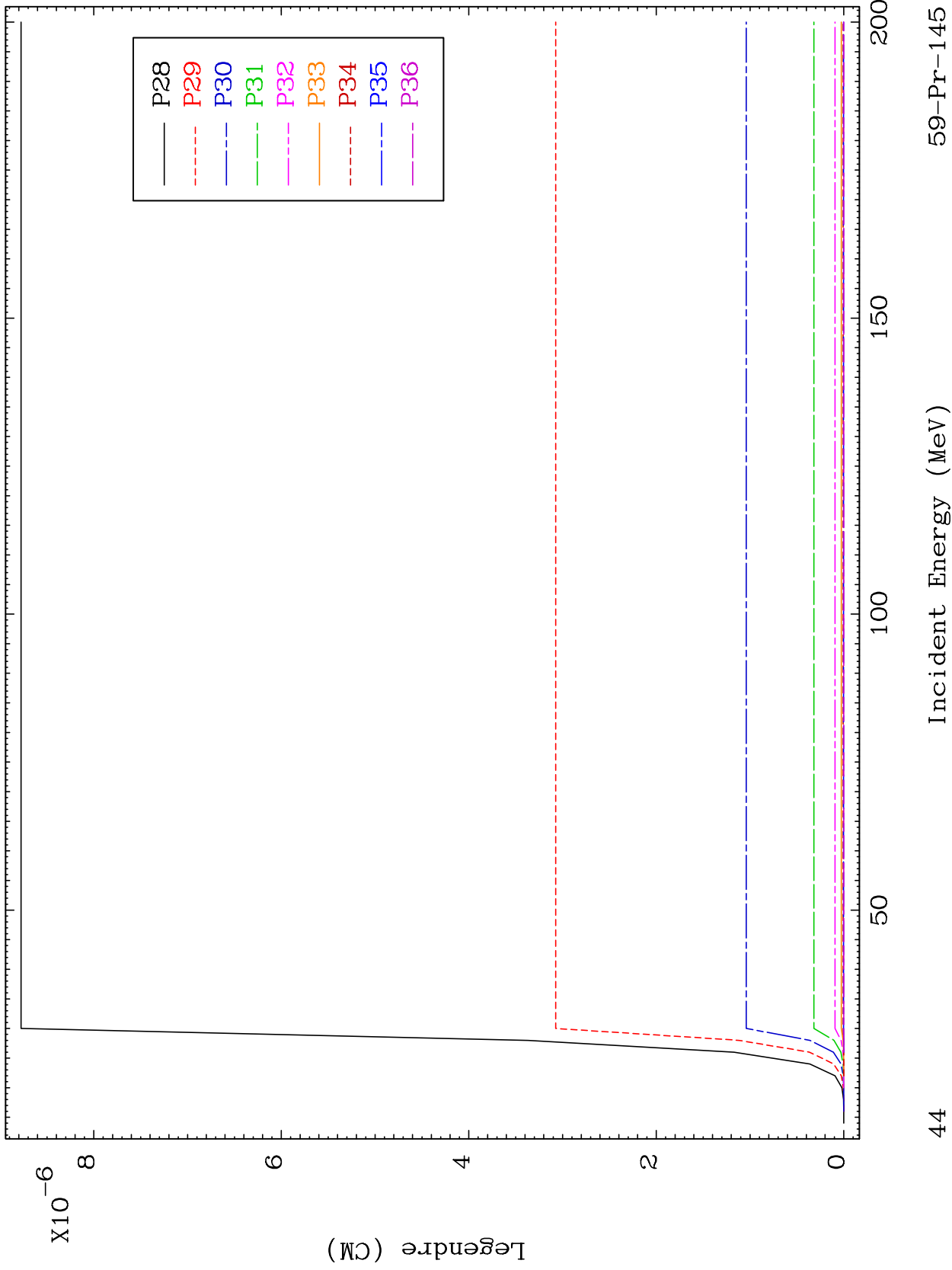
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



44

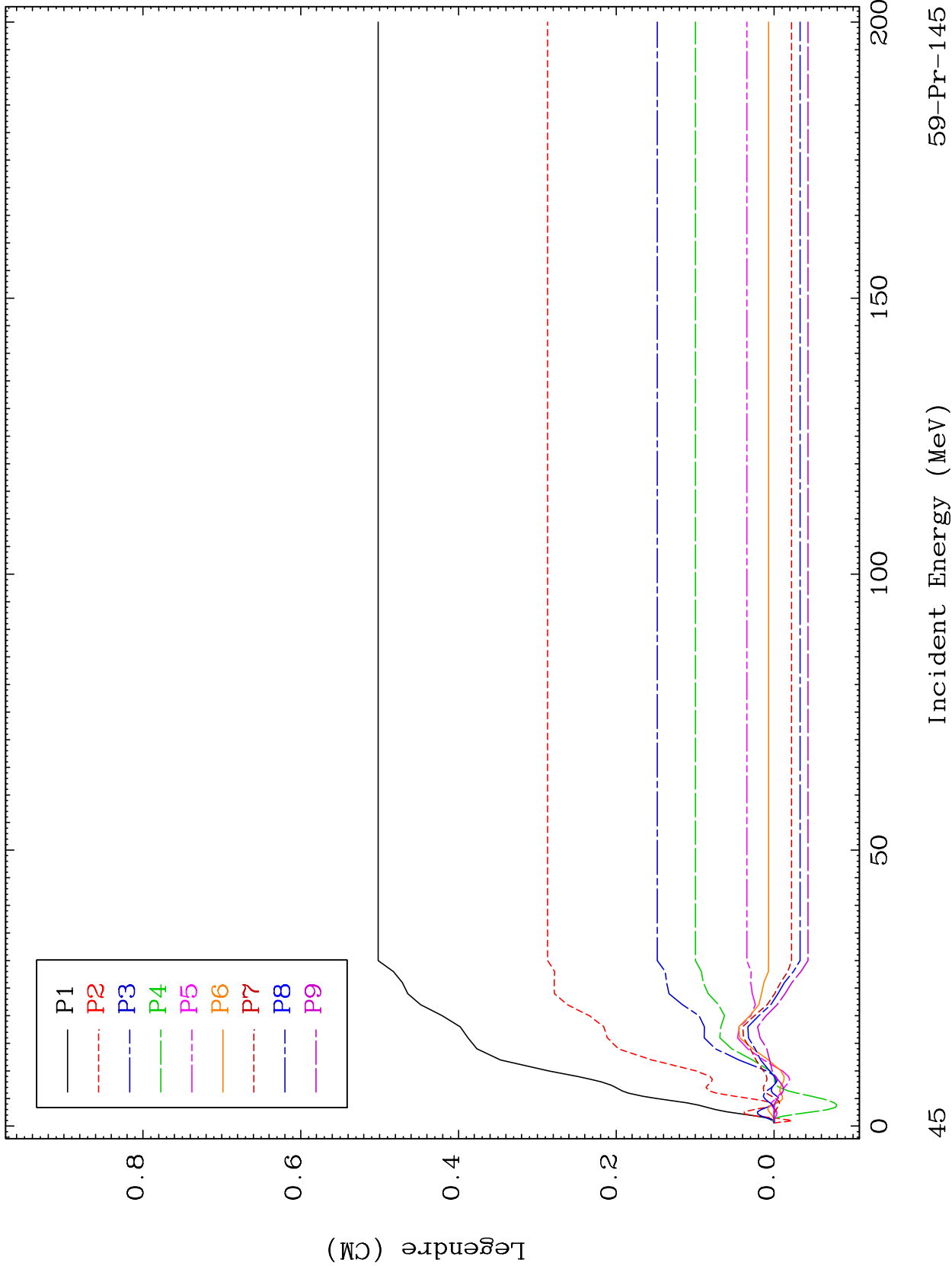
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



59-Pr-145

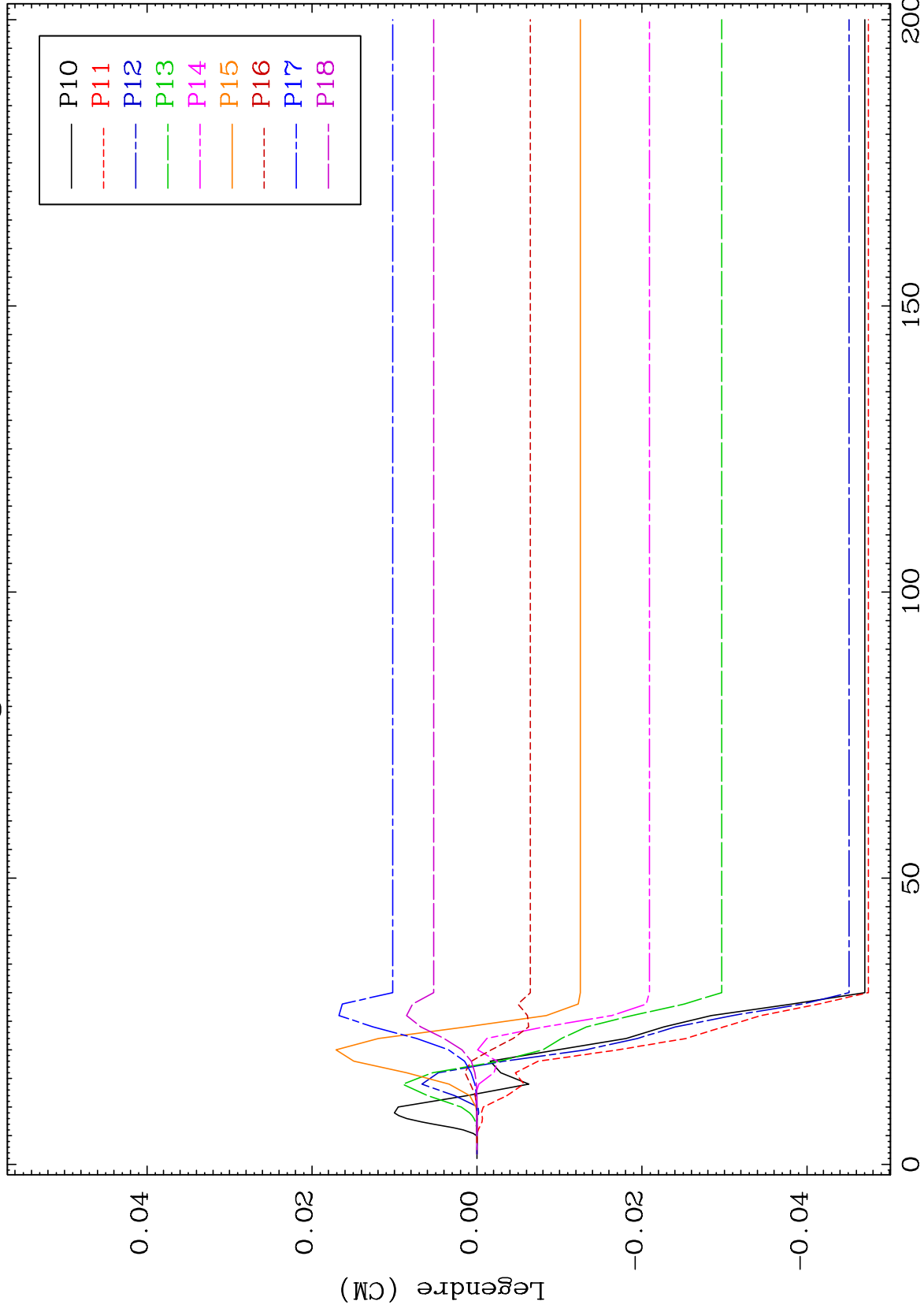
Incident Energy (MeV)

45

MAT 5937

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

59-Pr-145



46

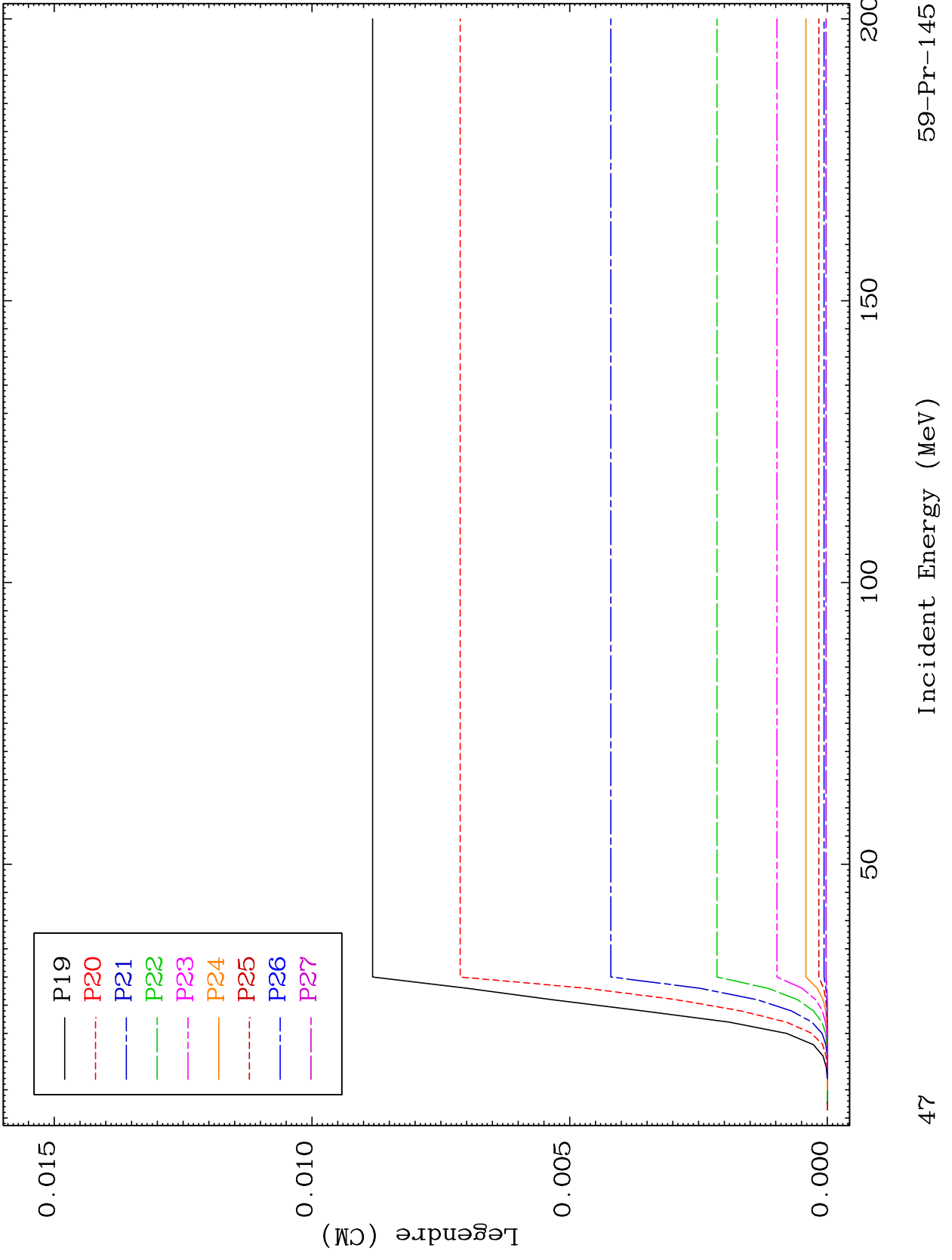
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



47

Incident Energy (MeV)

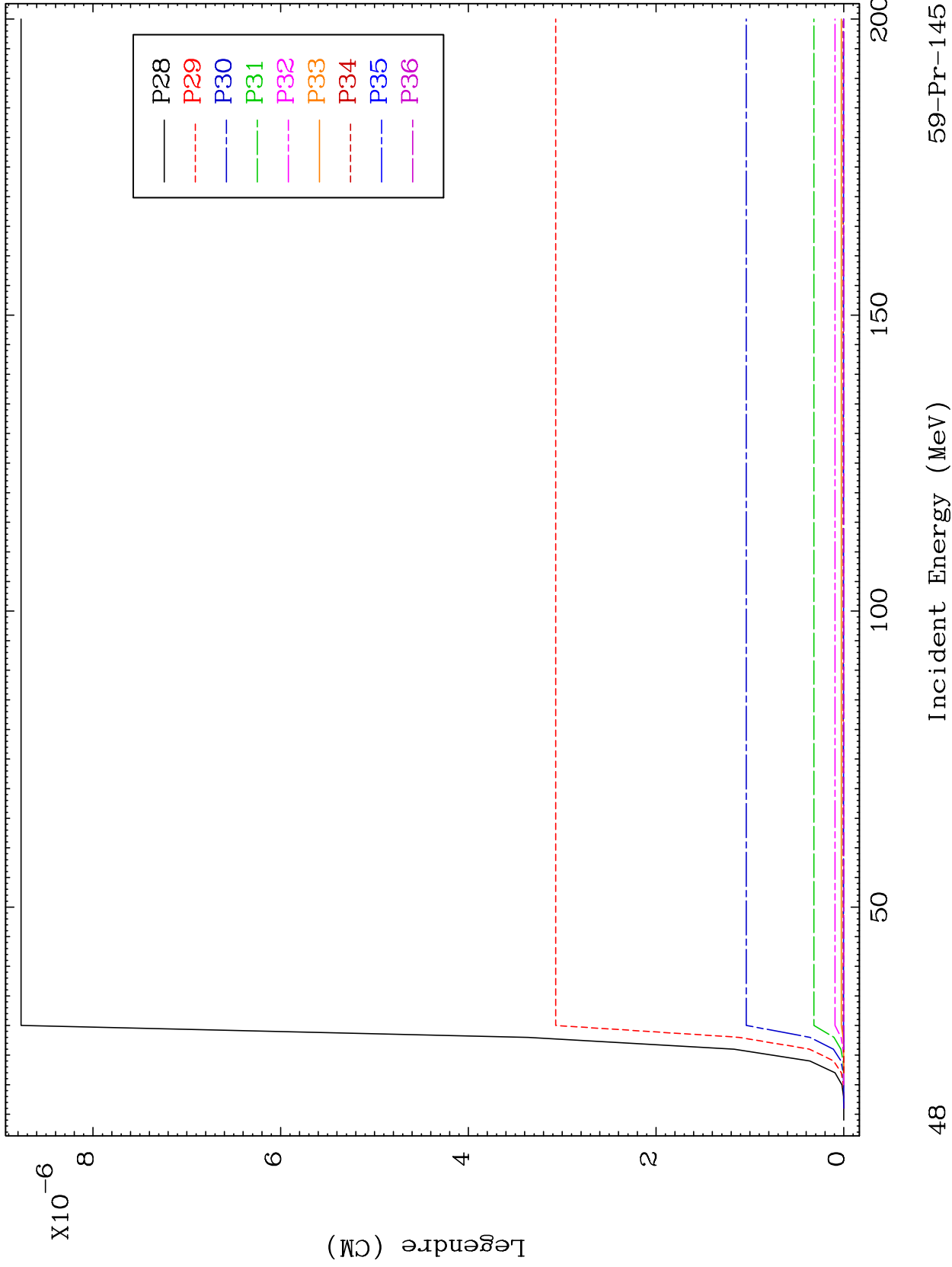
59-Pr-145



MAT 5937

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

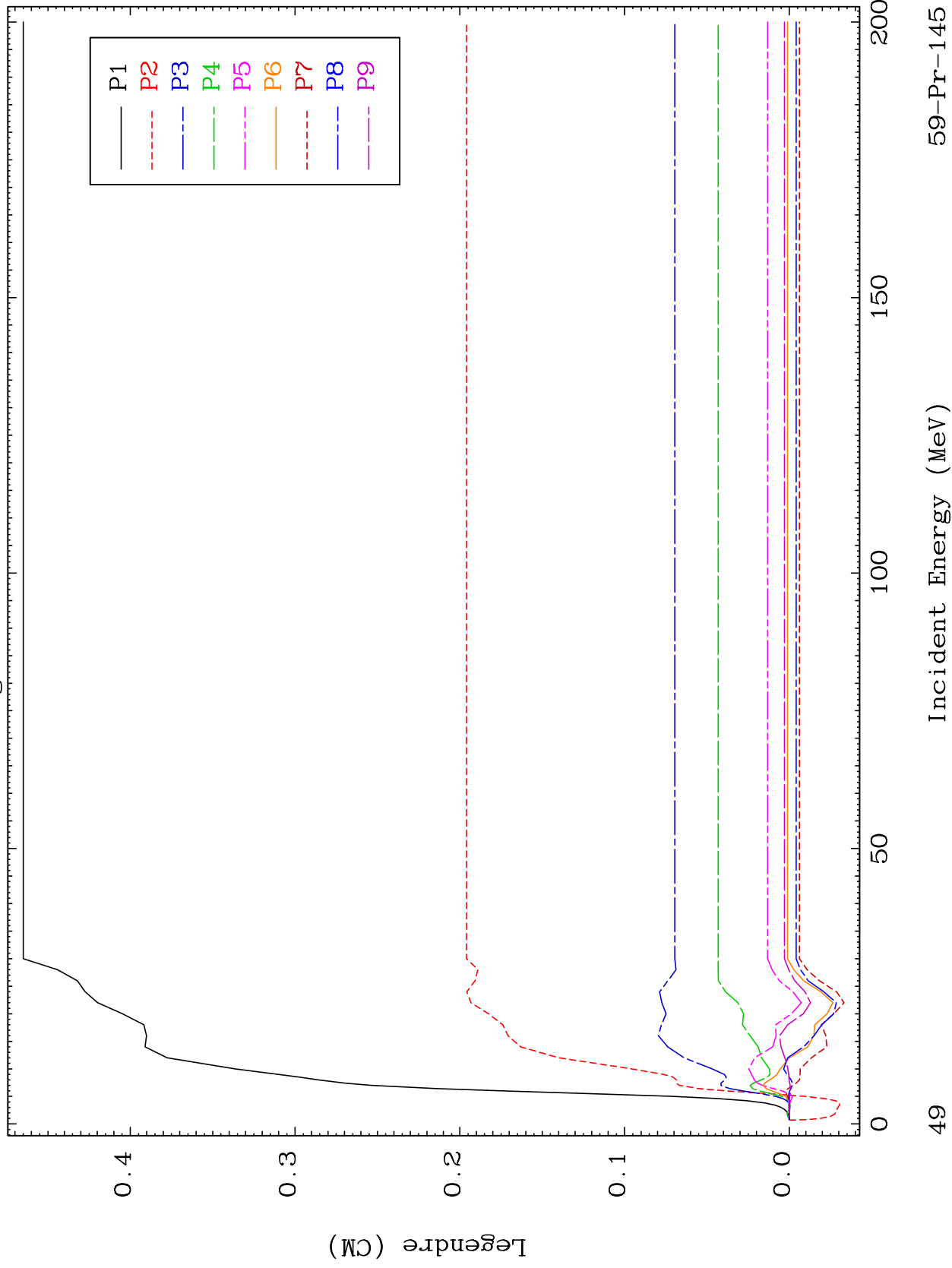
59-Pr-145



MAT 5937

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

59-Pr-145



49

Incident Energy (MeV)

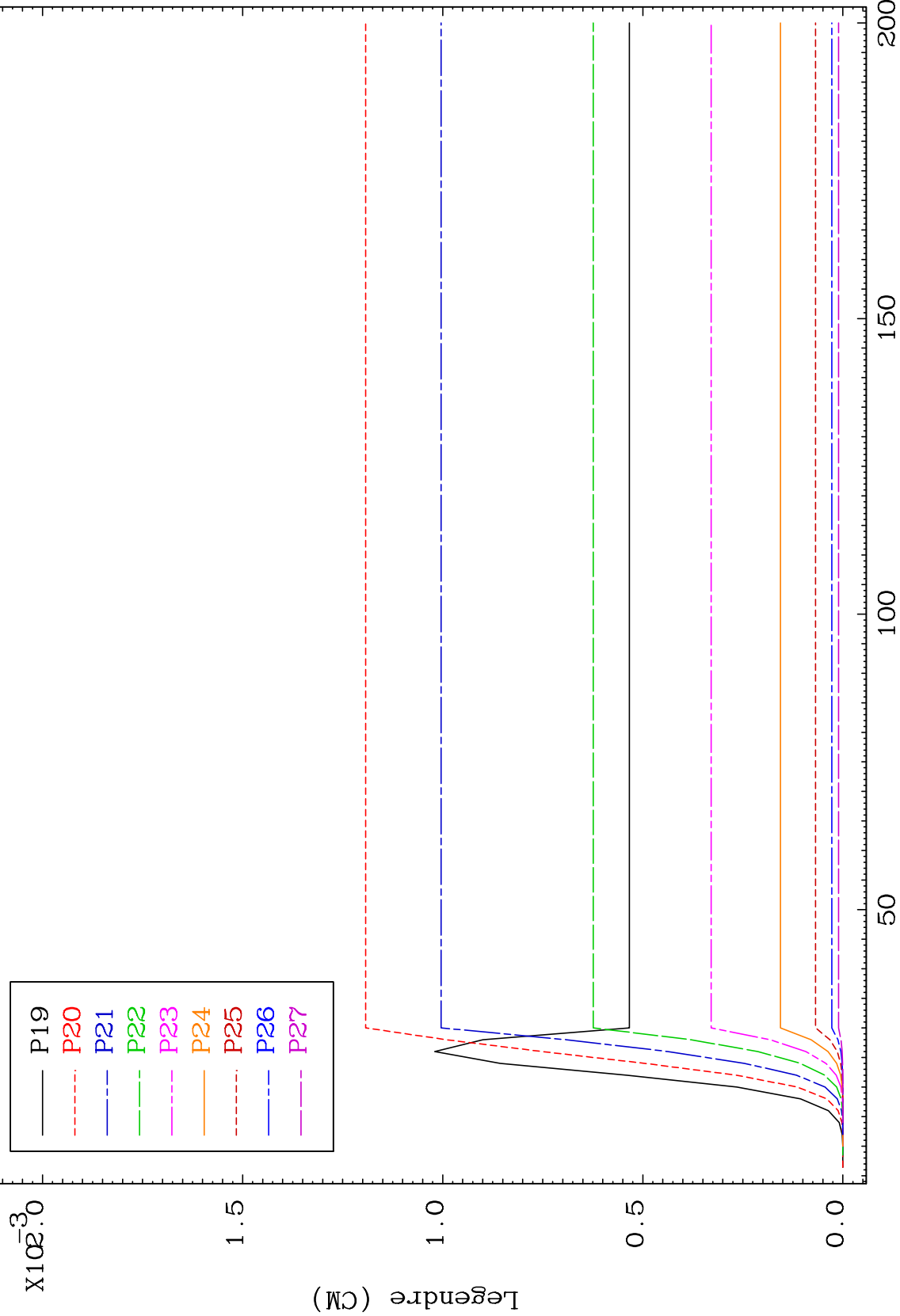
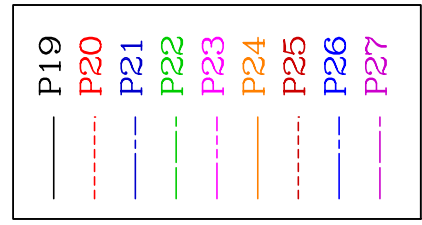
59-Pr-145



MAT 5937

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

59-Pr-145



51

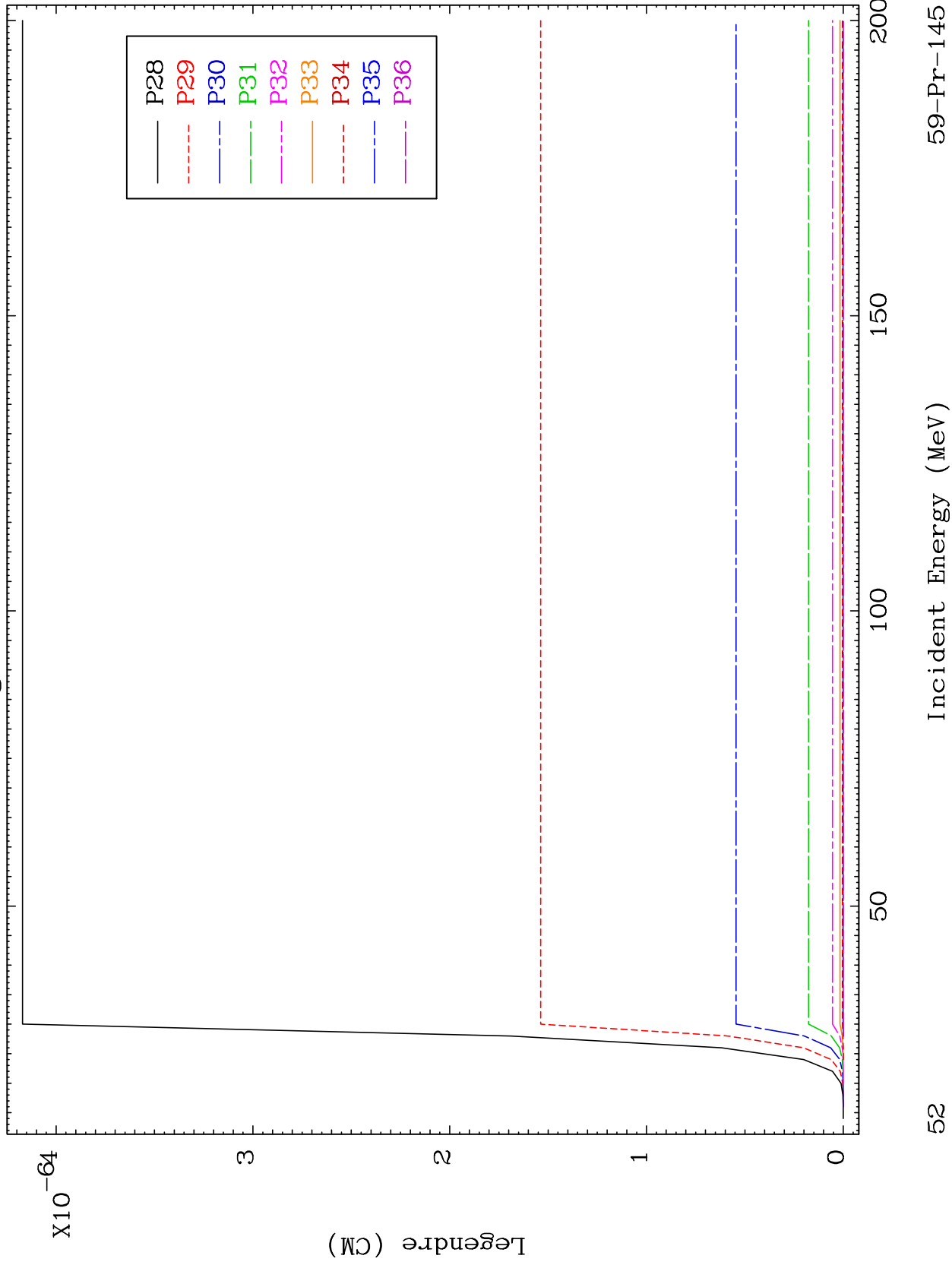
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



52

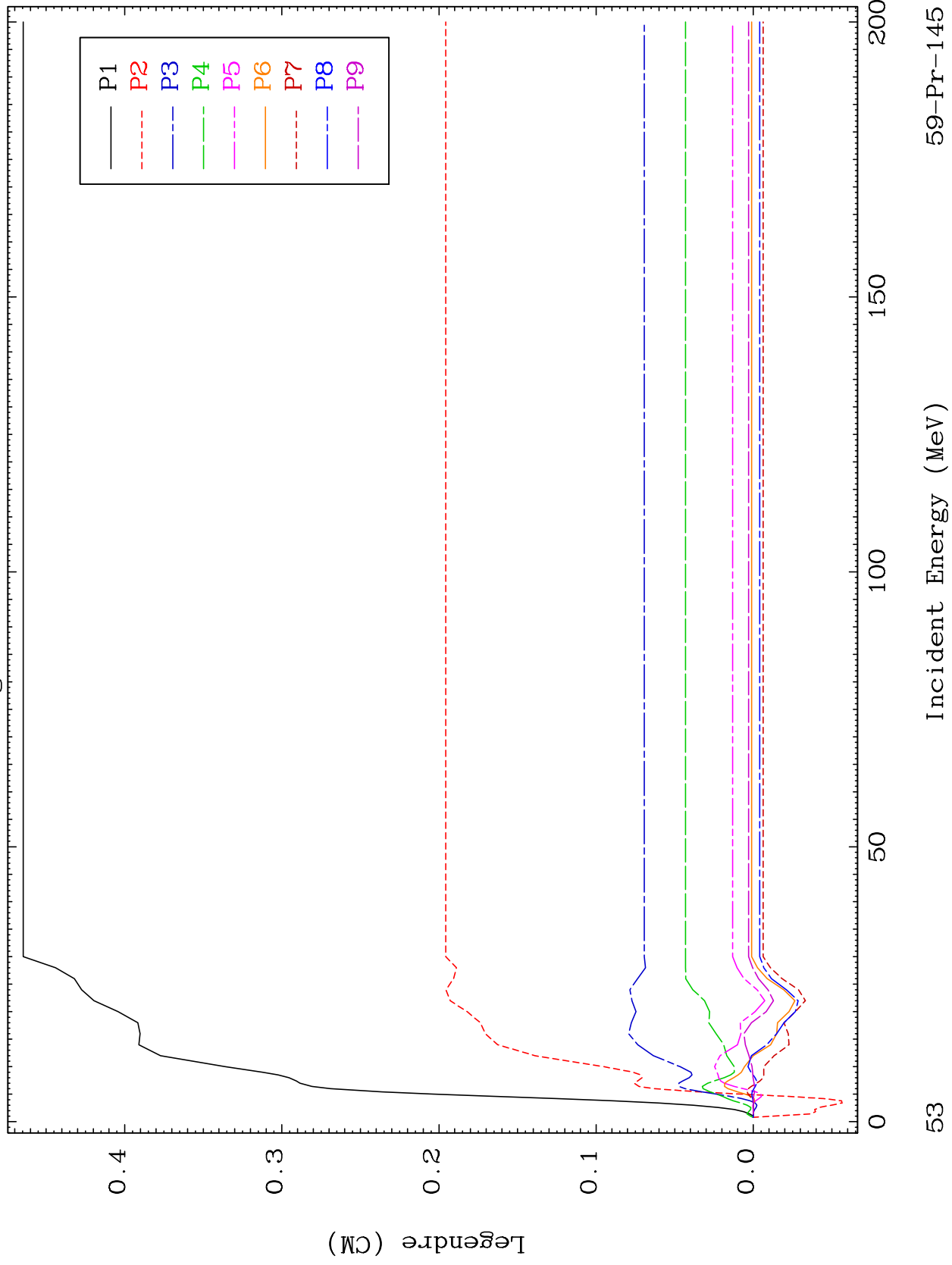
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



59-Pr-145

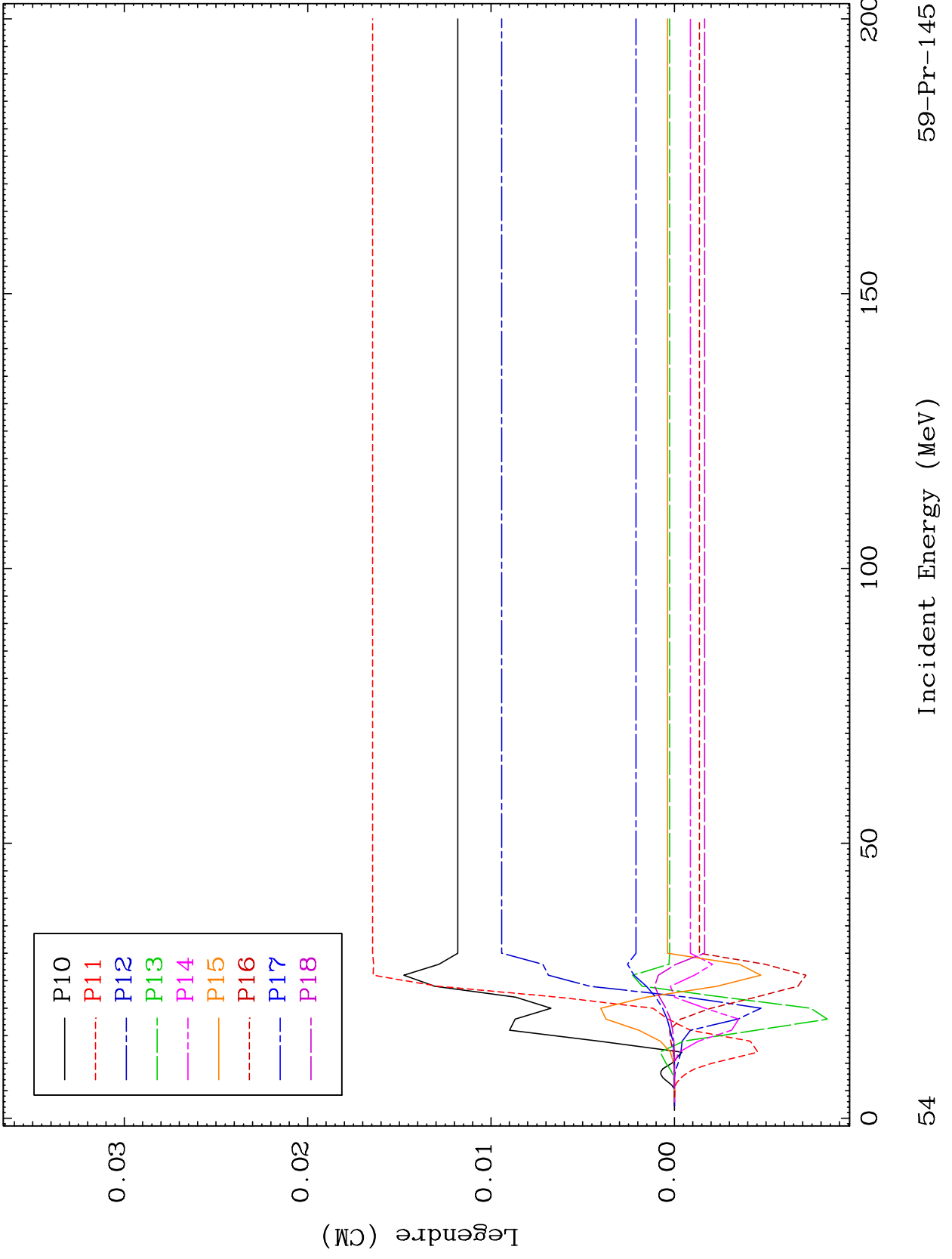
Incident Energy (MeV)

53

MAT 5937

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

59-Pr-145



54

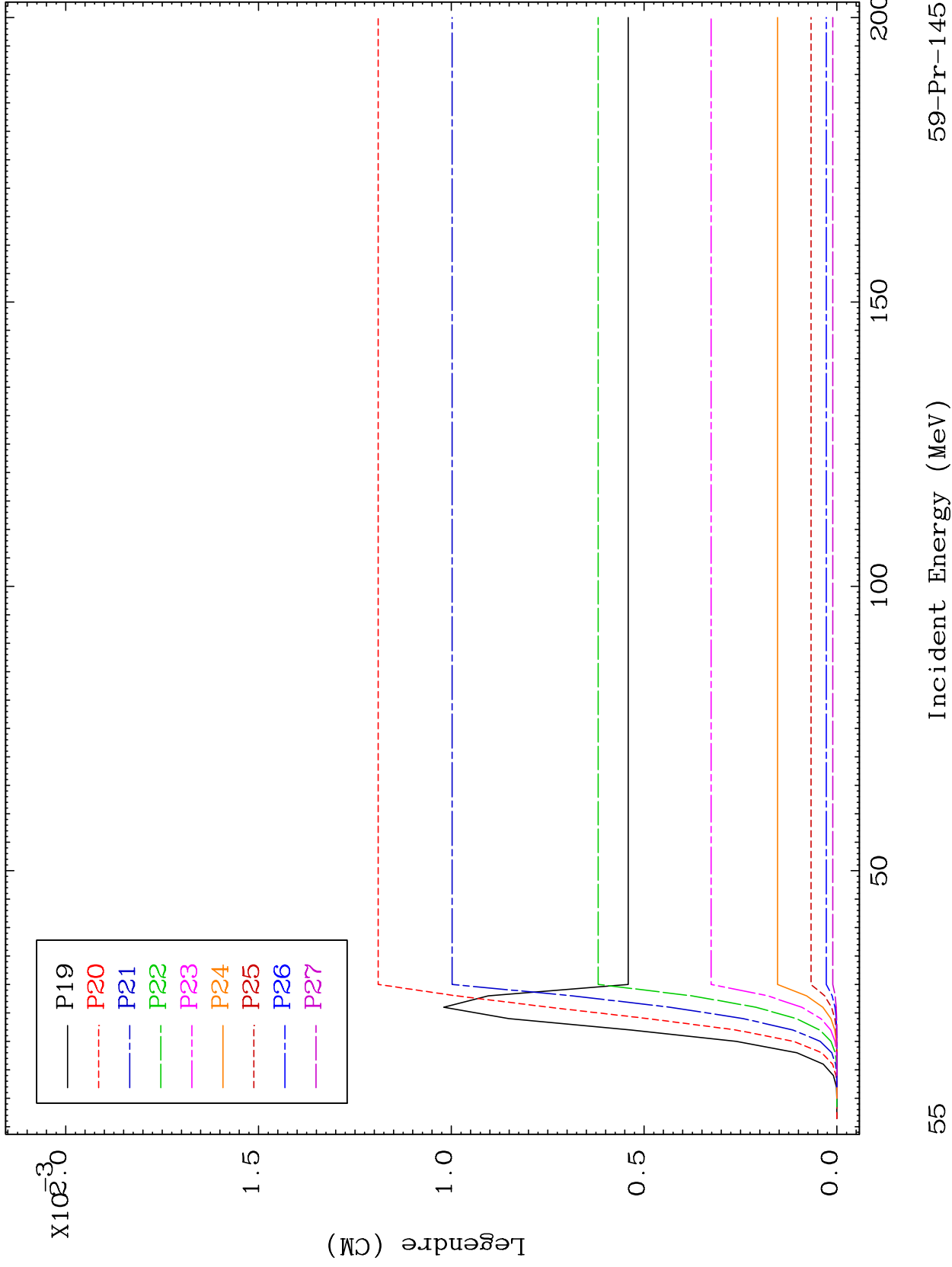
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



55

Incident Energy (MeV)

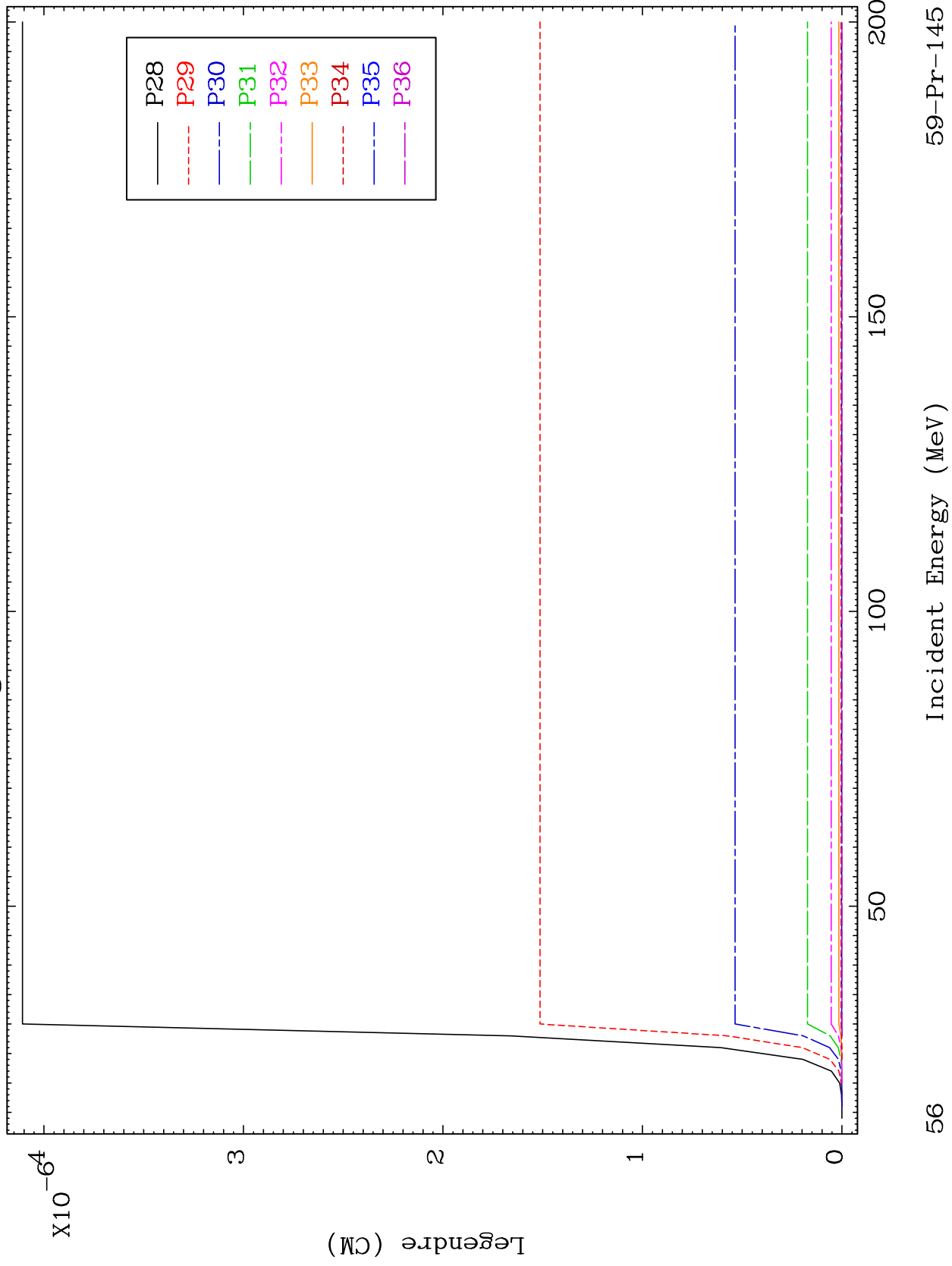
59-Pr-145



MAT 5937

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

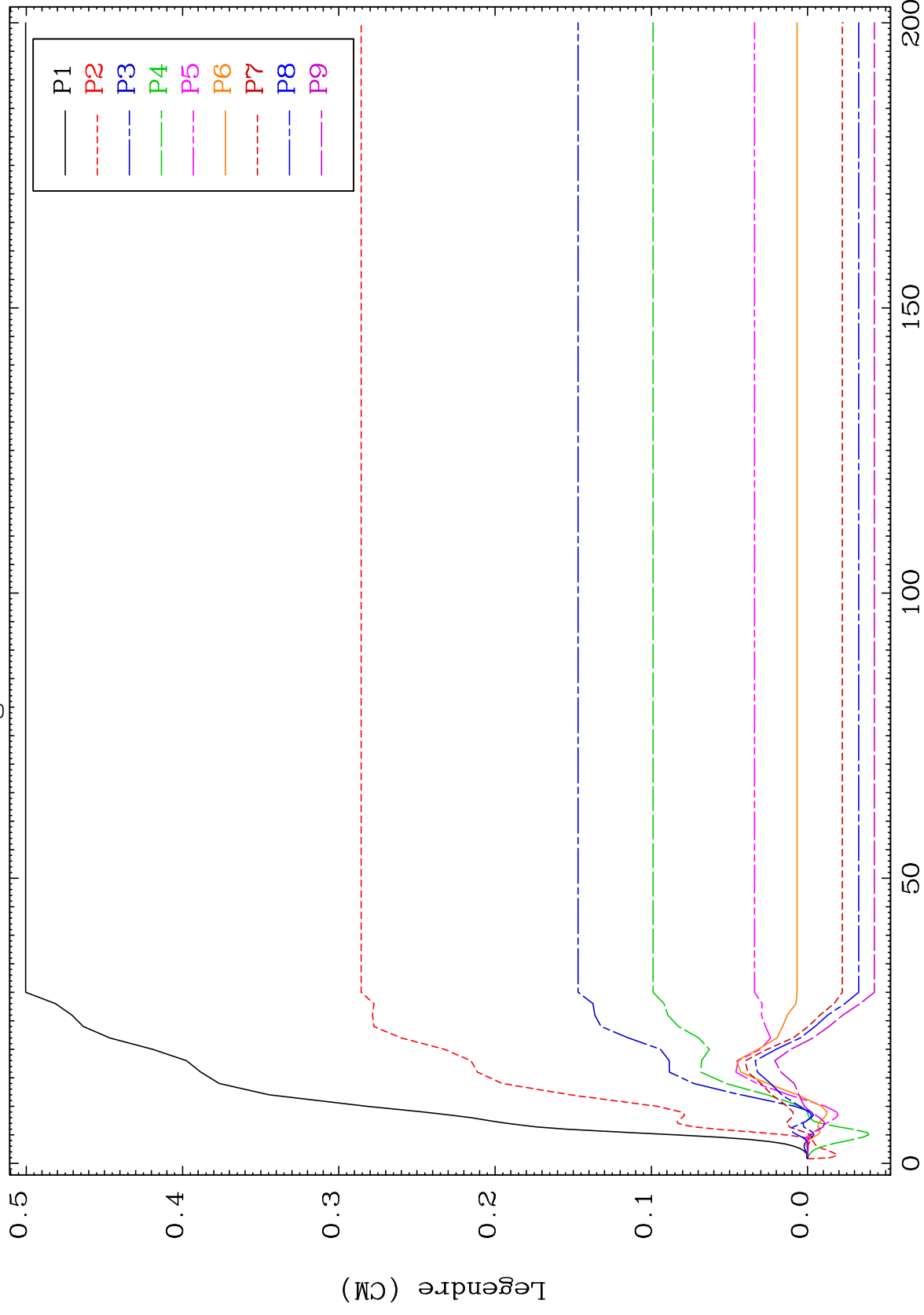
59-Pr-145



MAT 5937

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

59-Pr-145



57

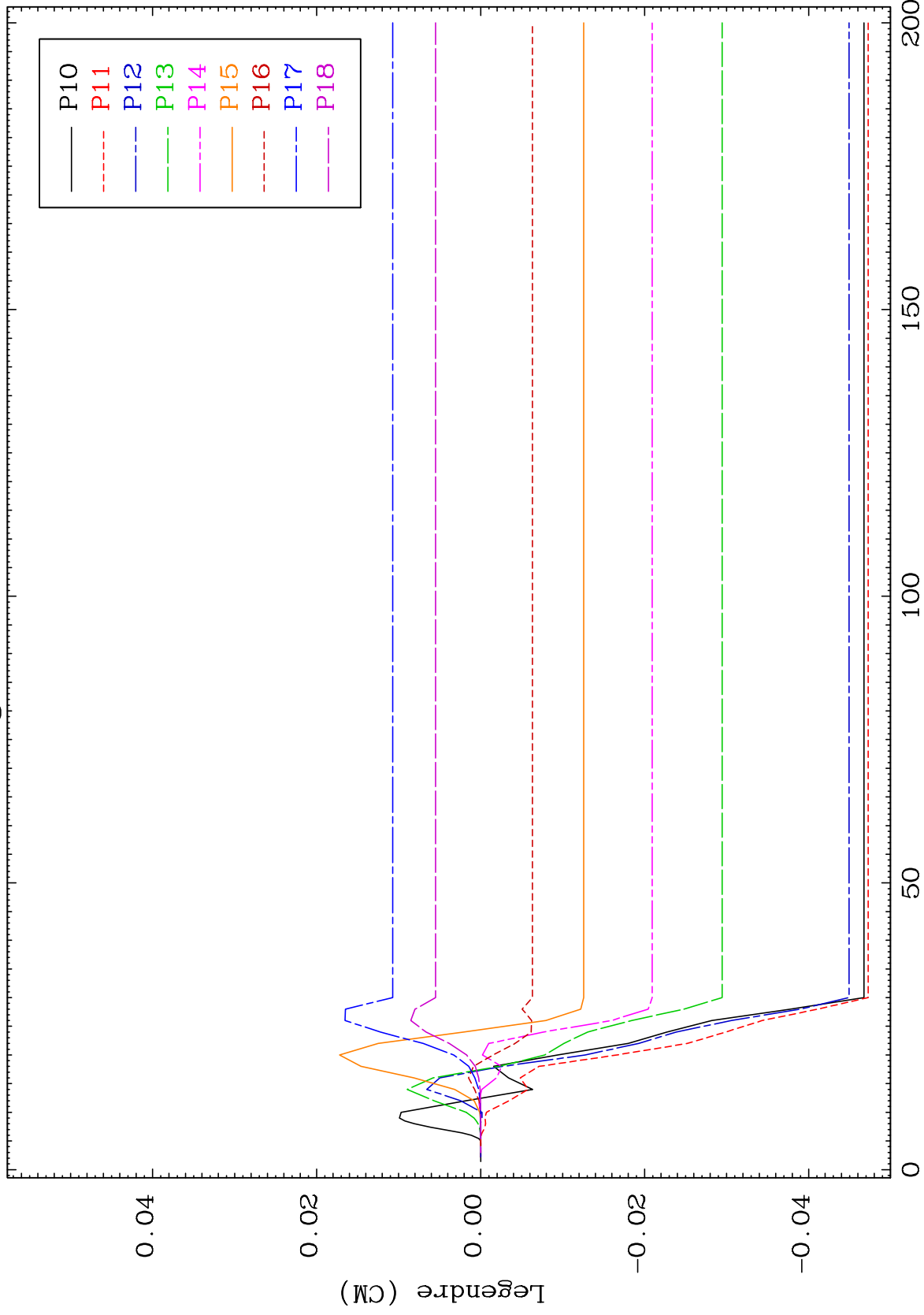
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



58

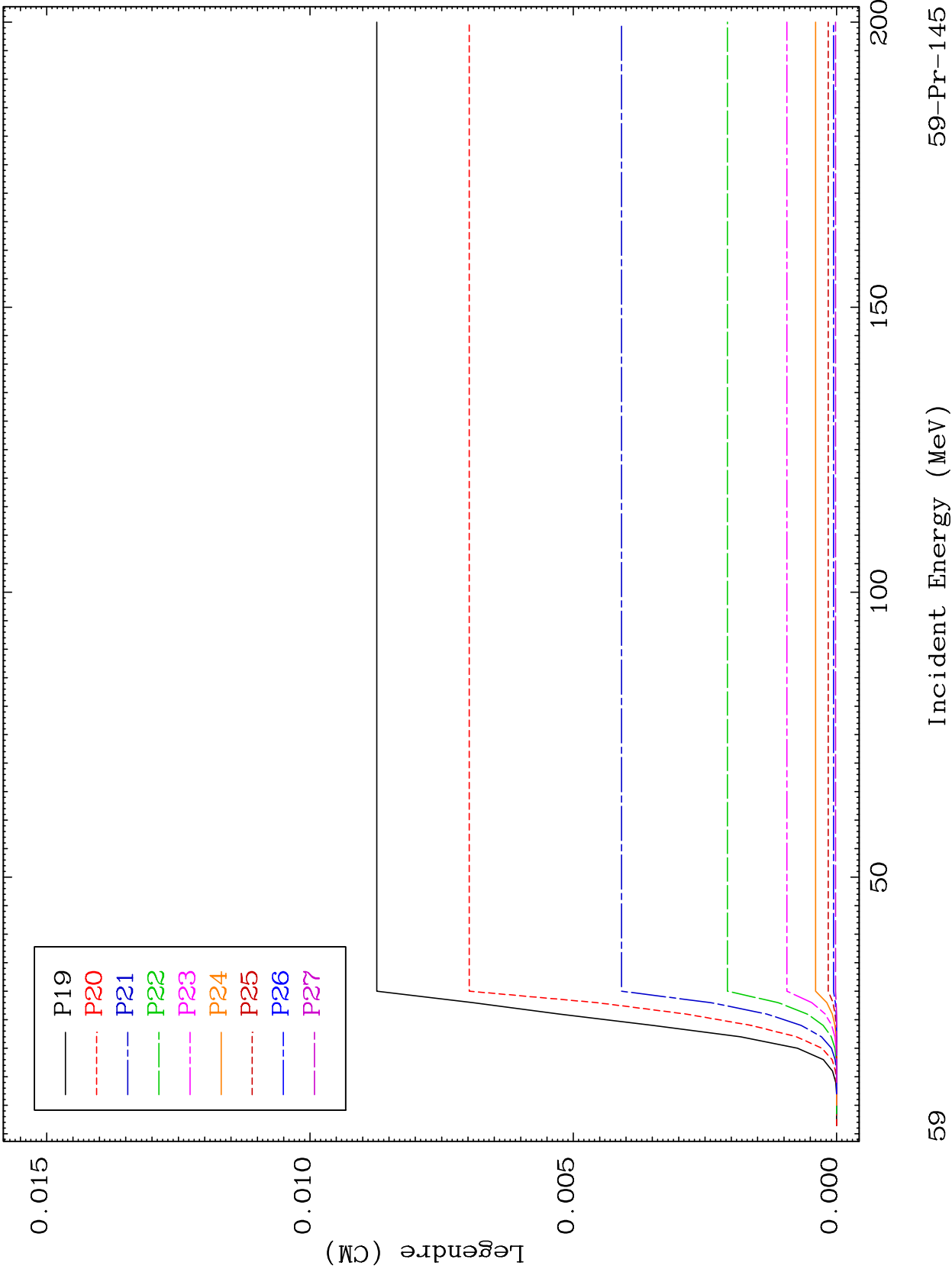
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



59

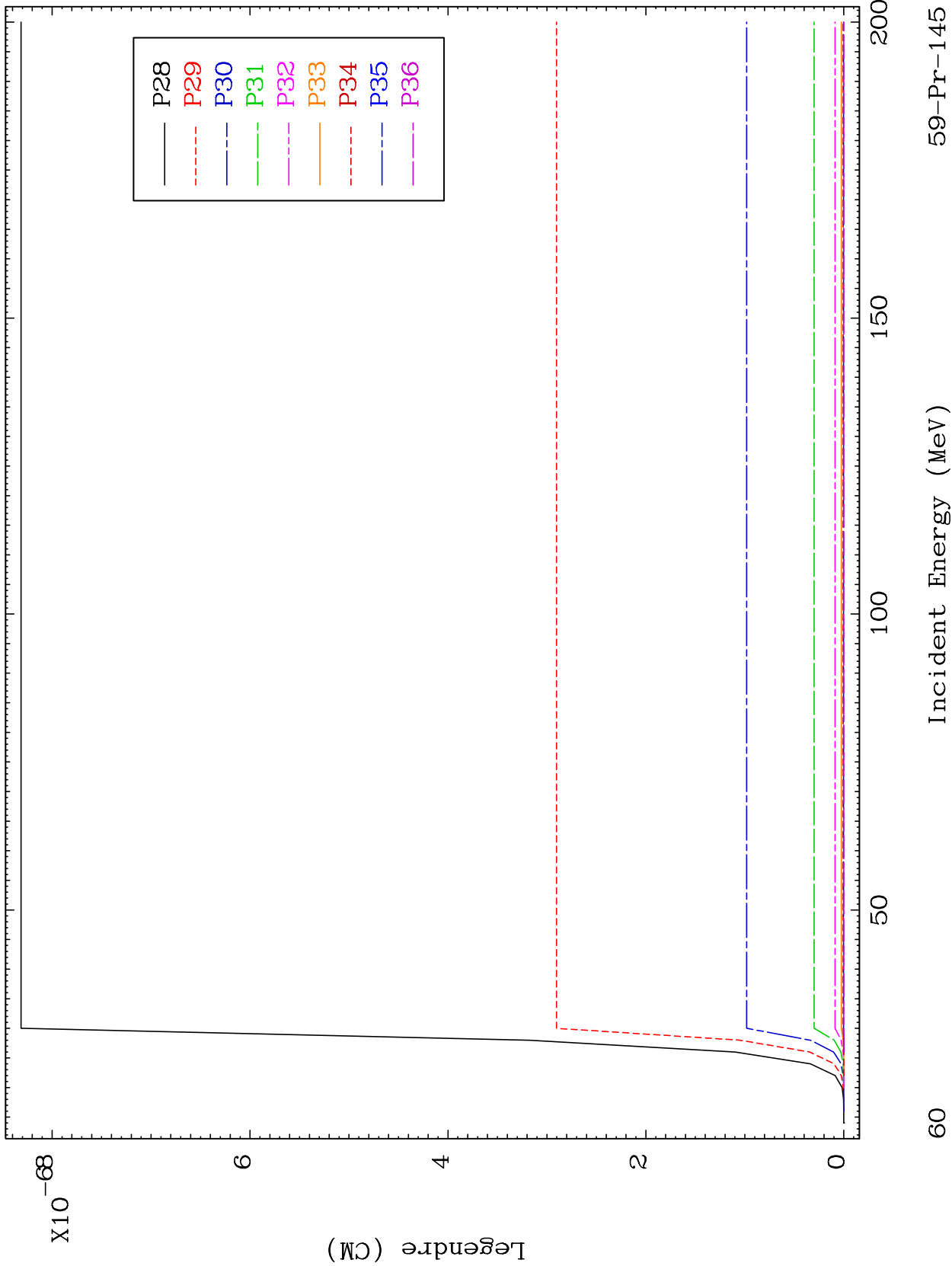
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145

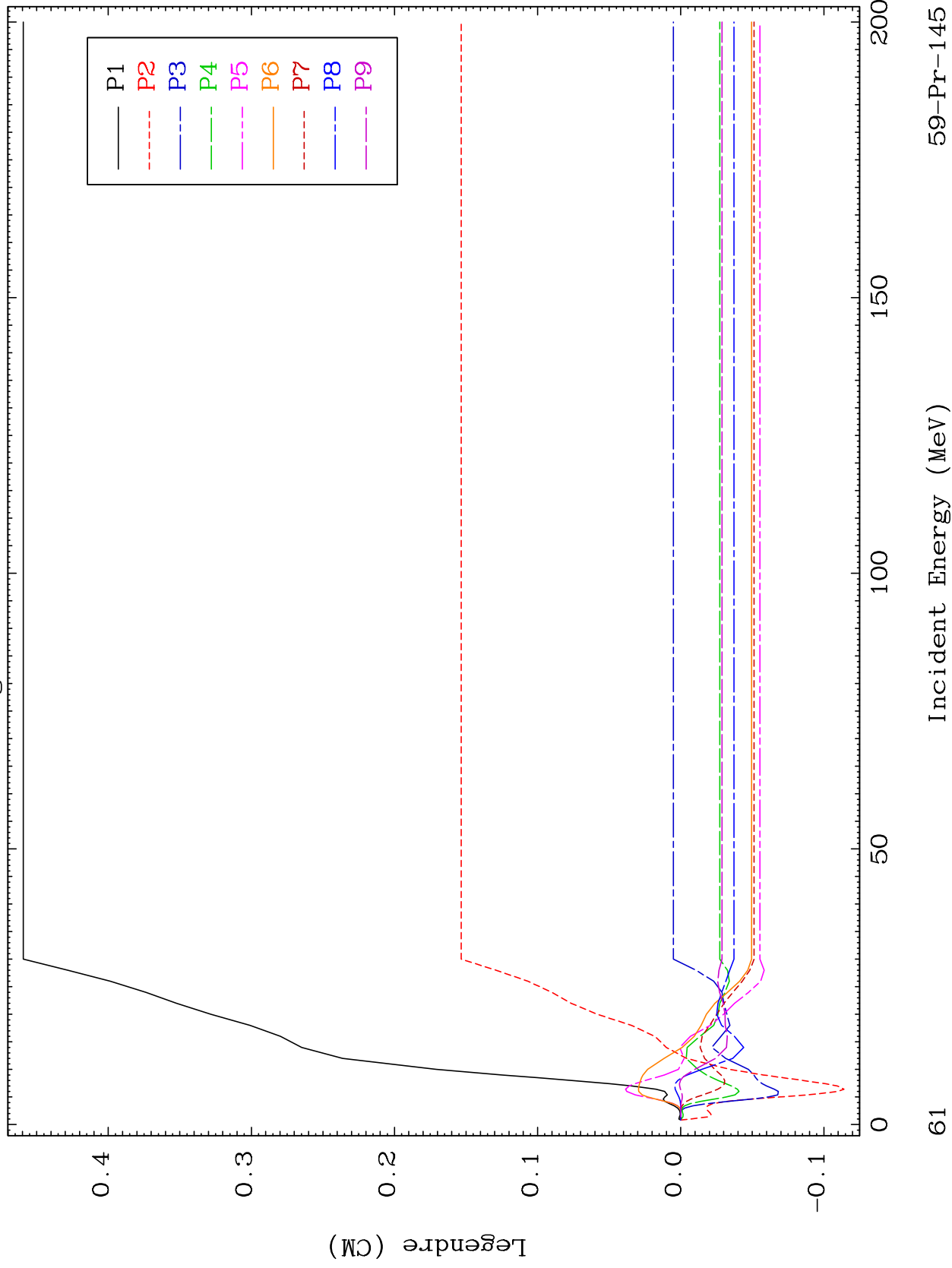


59-Pr-145

MAT 5937

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

59-Pr-145



59-Pr-145

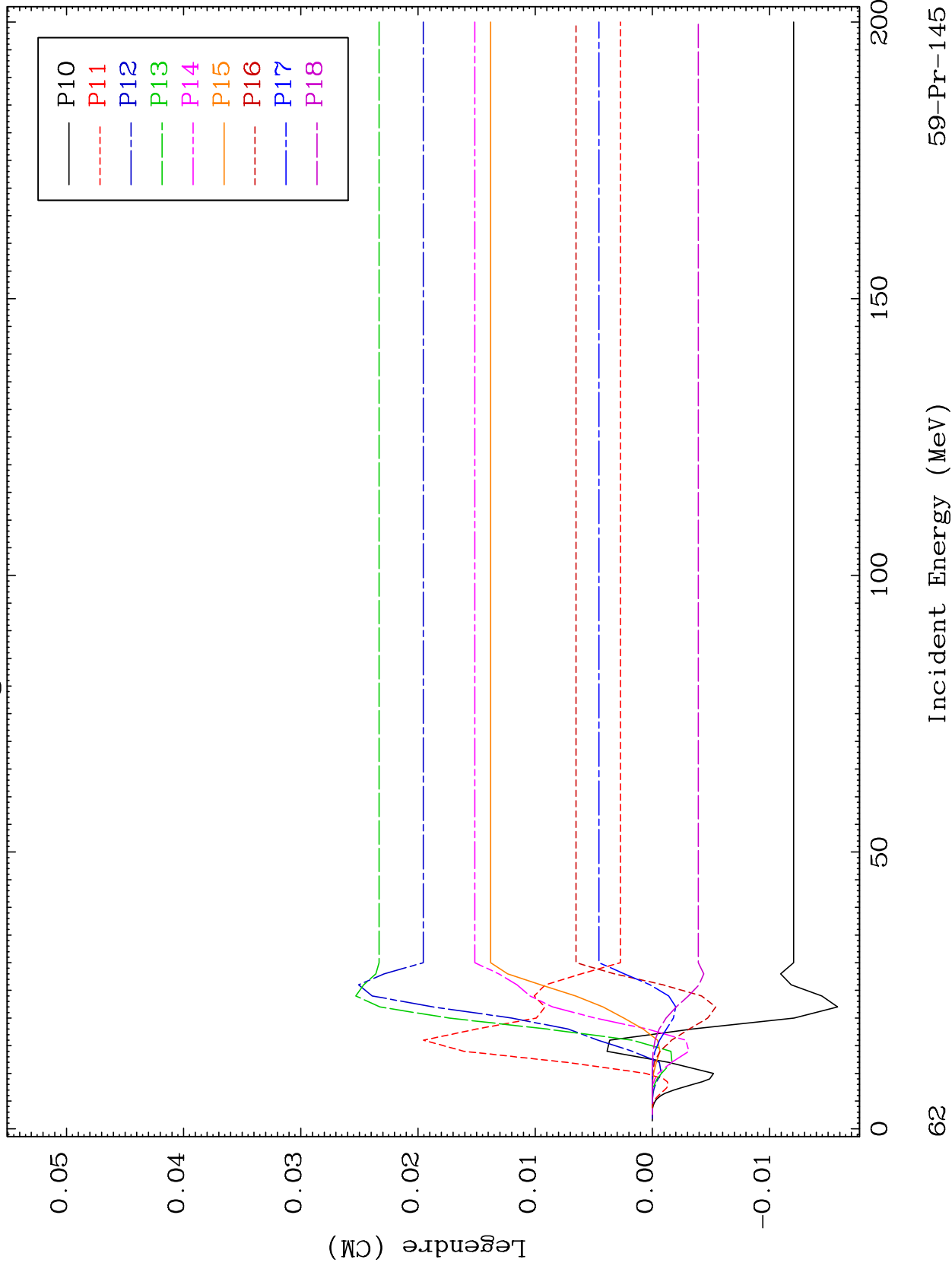
Incident Energy (MeV)

61

MAT 5937

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

59-Pr-145



59-Pr-145

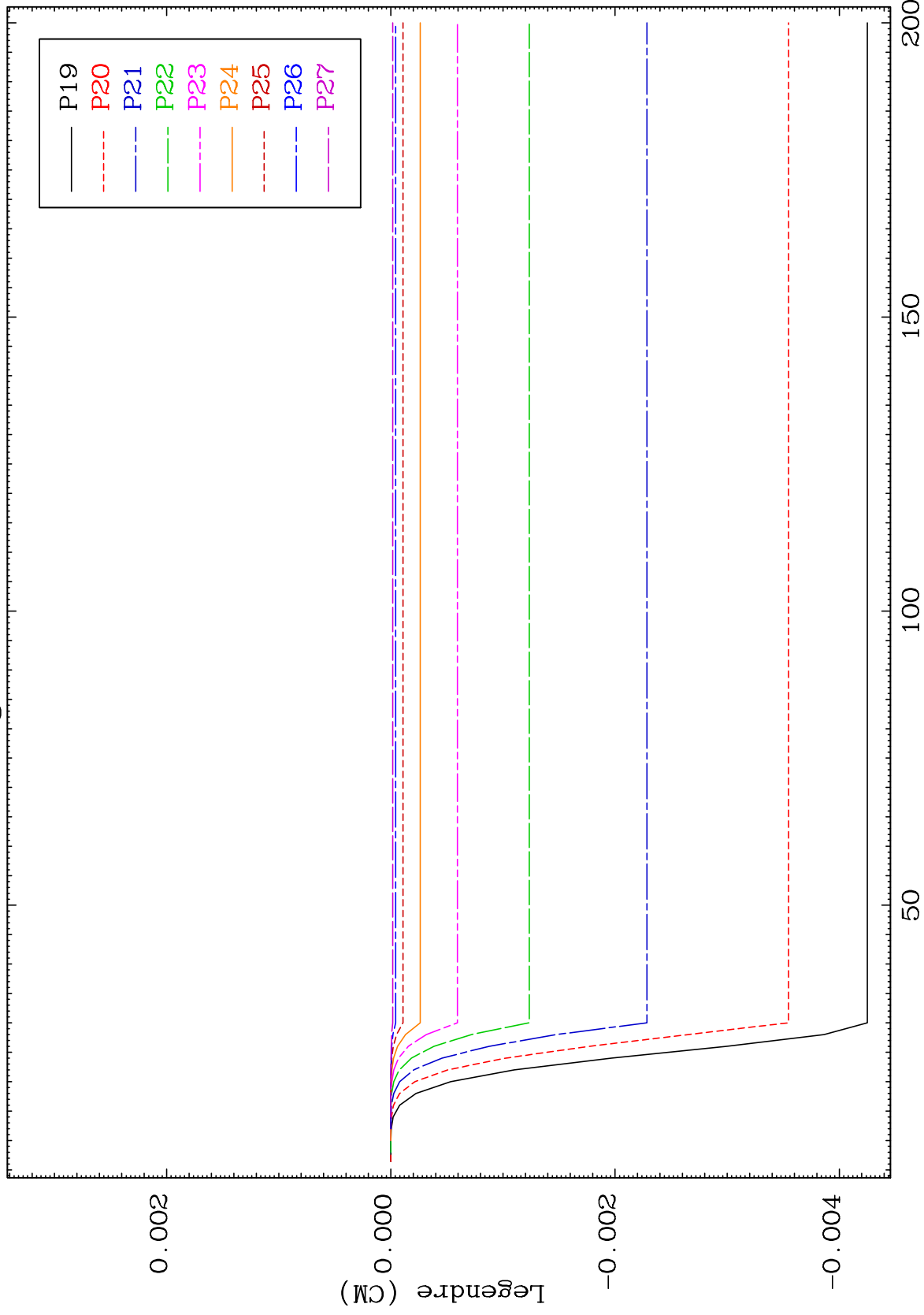
Incident Energy (MeV)

62

MAT 5937

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

59-Pr-145



63

Incident Energy (MeV)

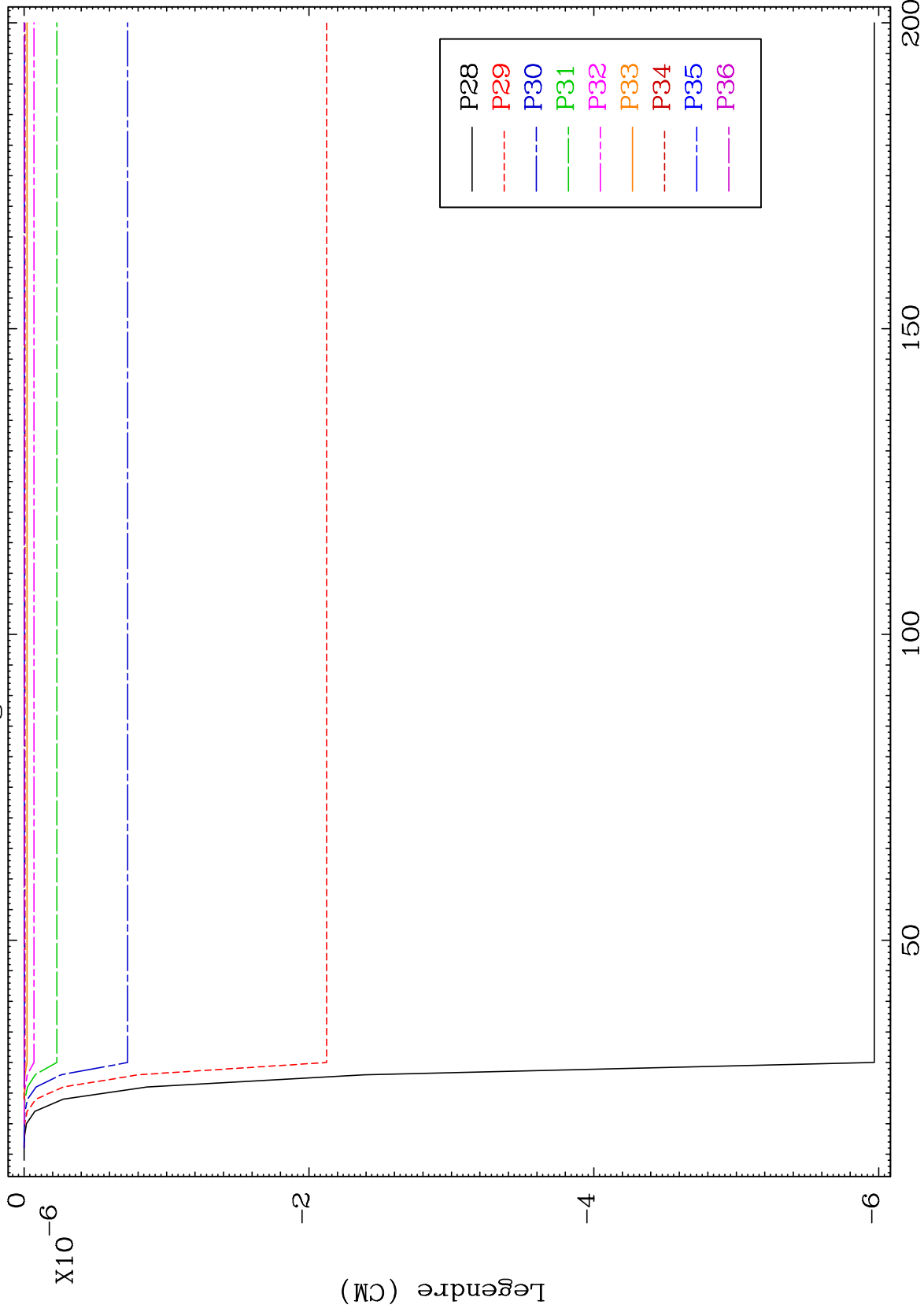
59-Pr-145



MAT 5937

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

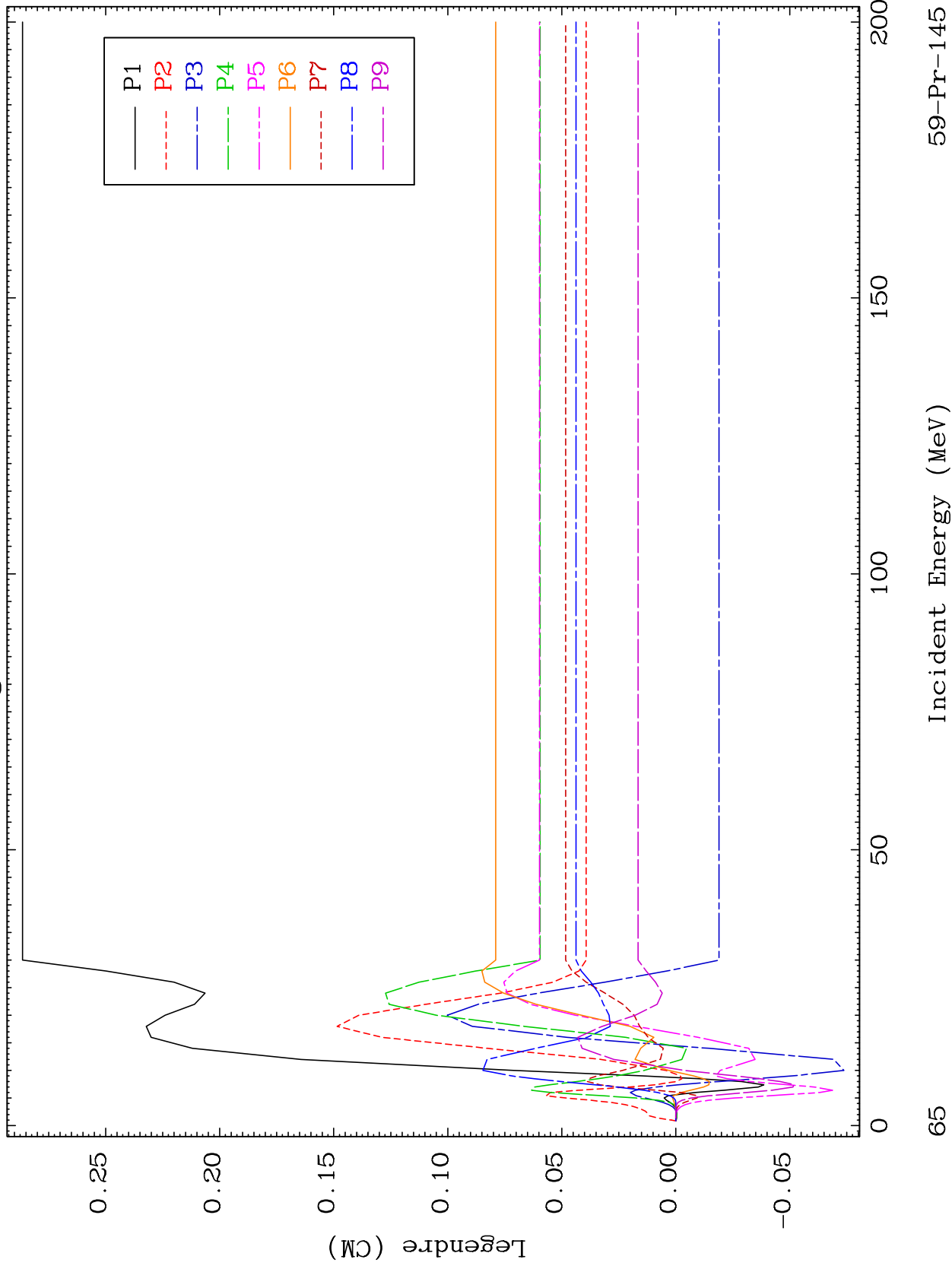
59-Pr-145



MAT 5937

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

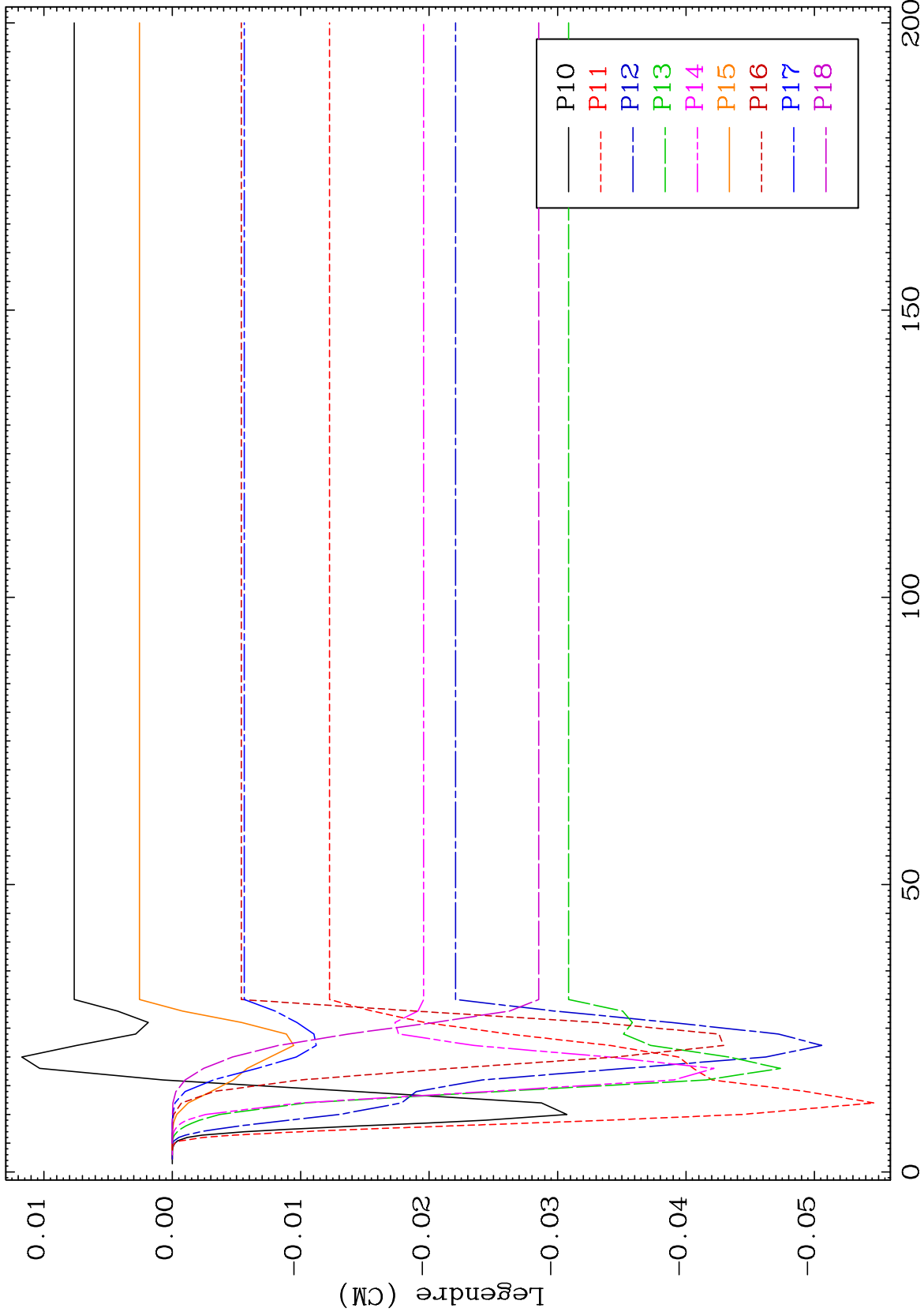
59-Pr-145



59-Pr-145

Incident Energy (MeV)

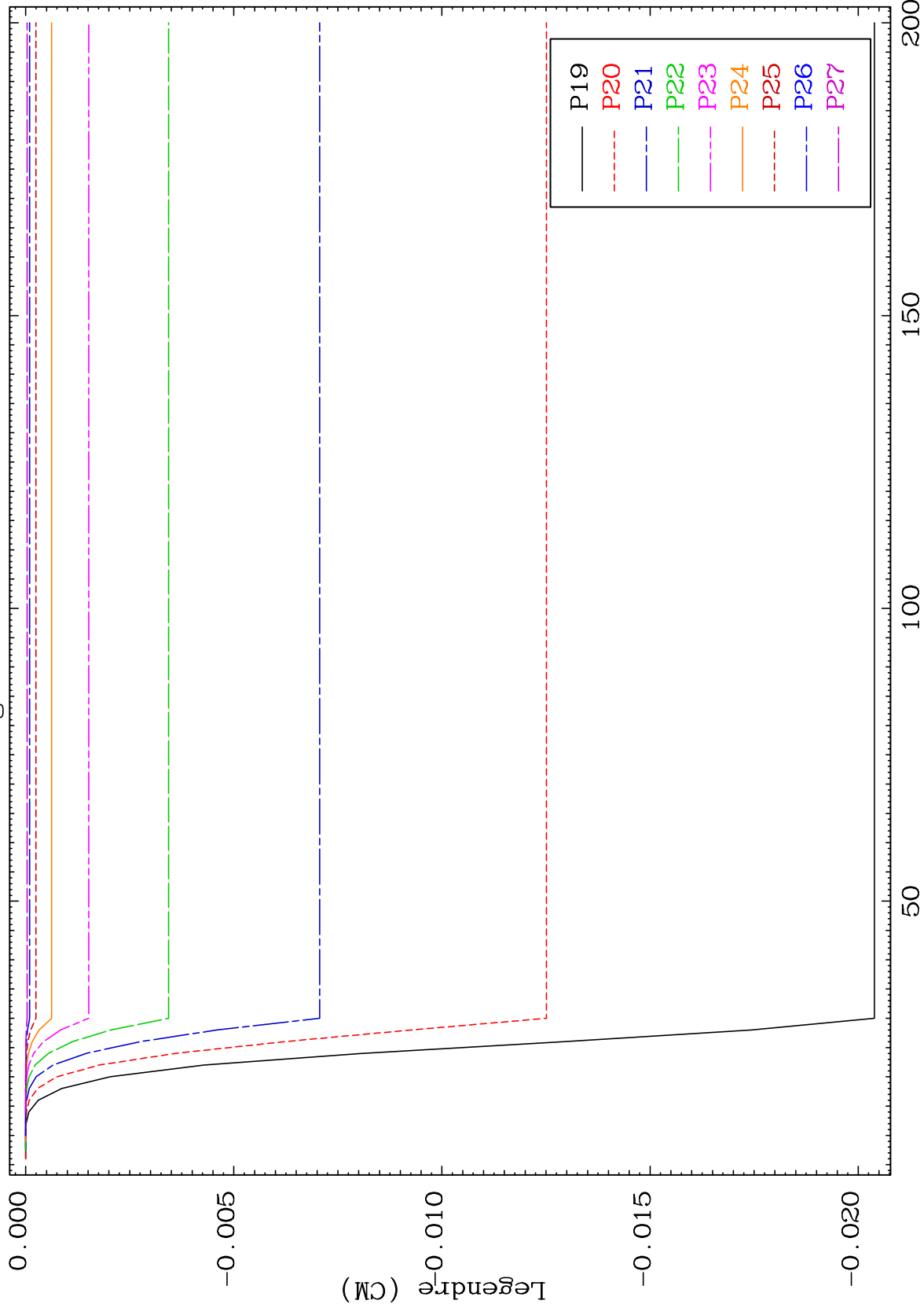
65



MAT 5937

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

59-Pr-145



67

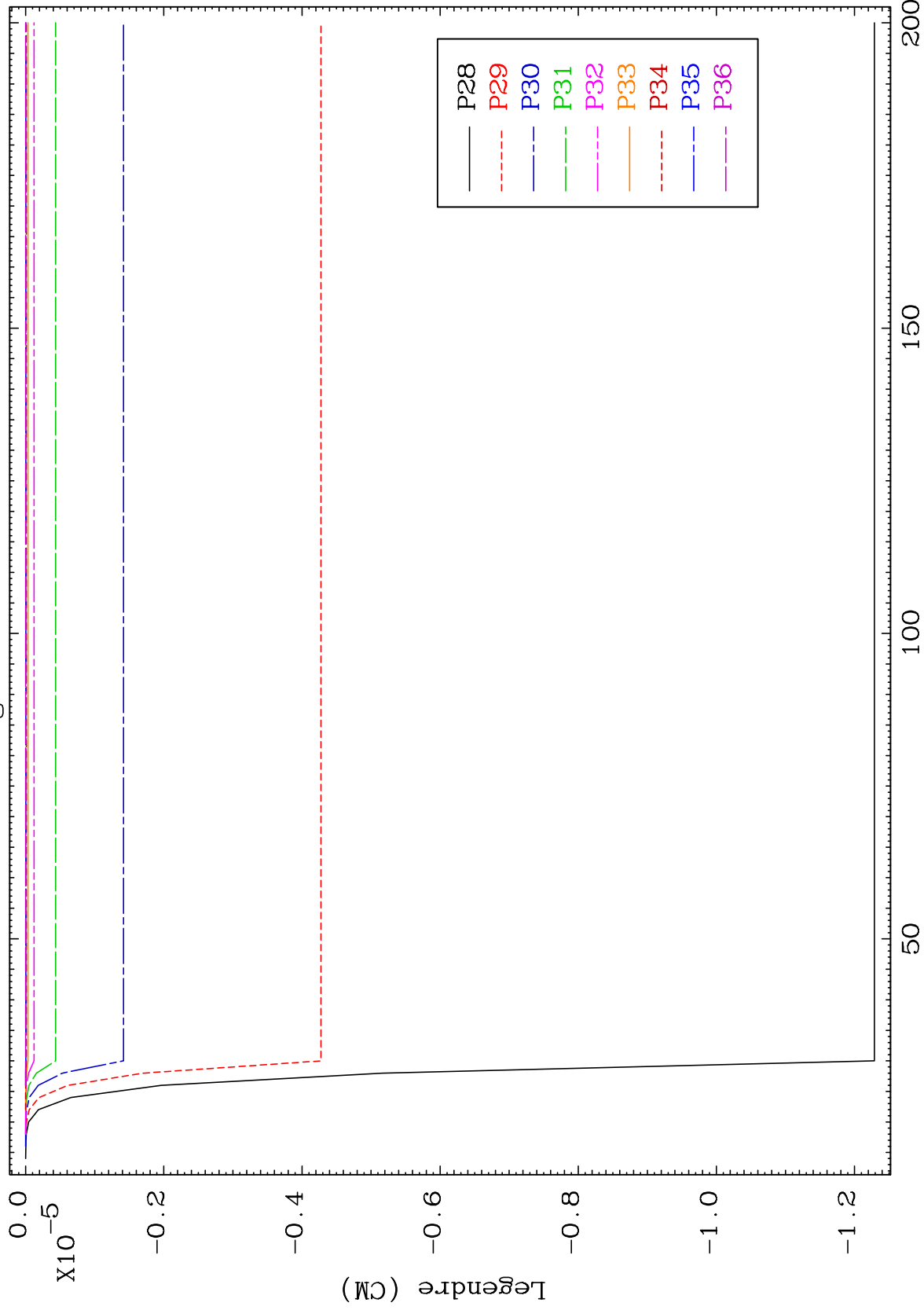
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



68

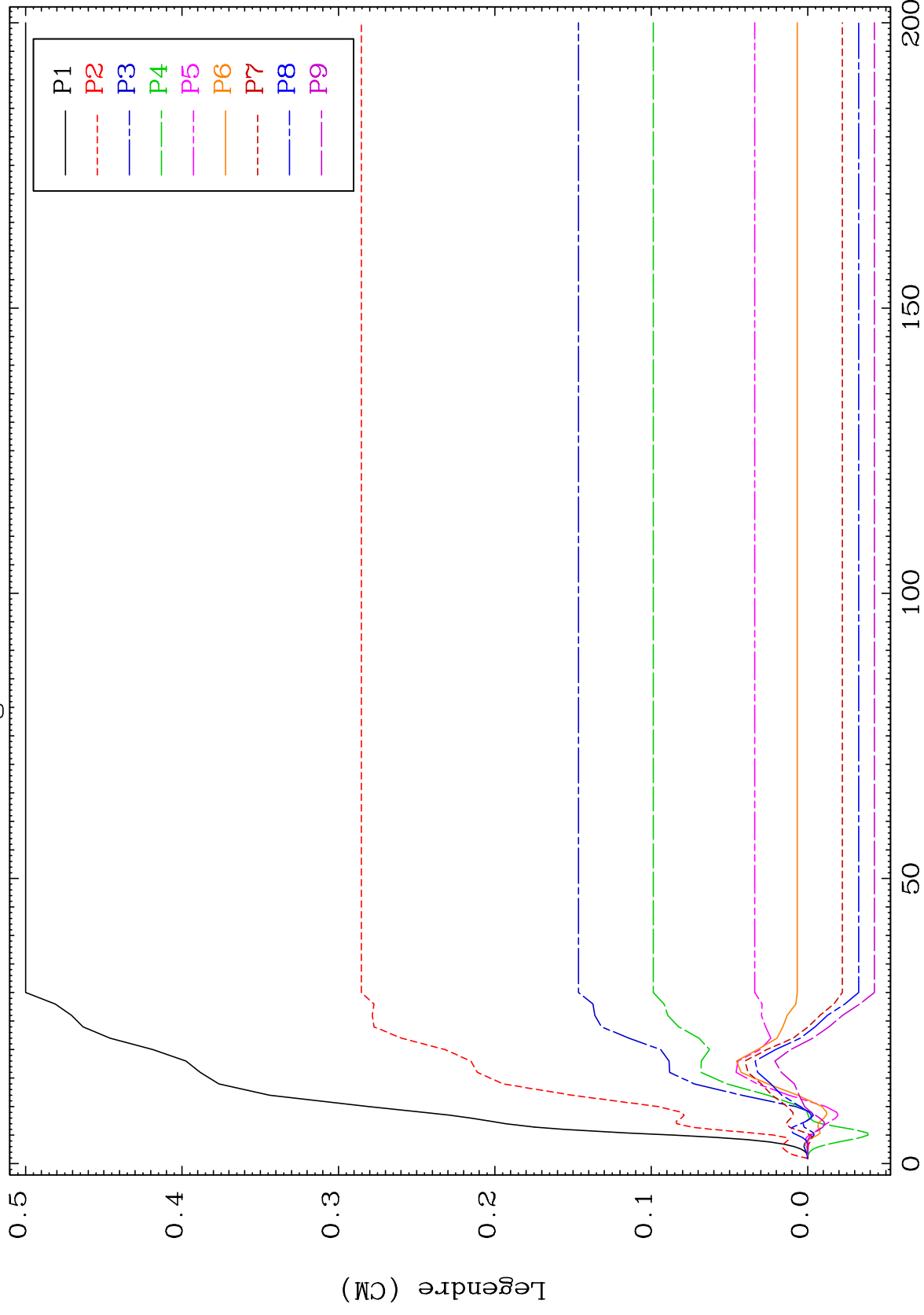
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



69

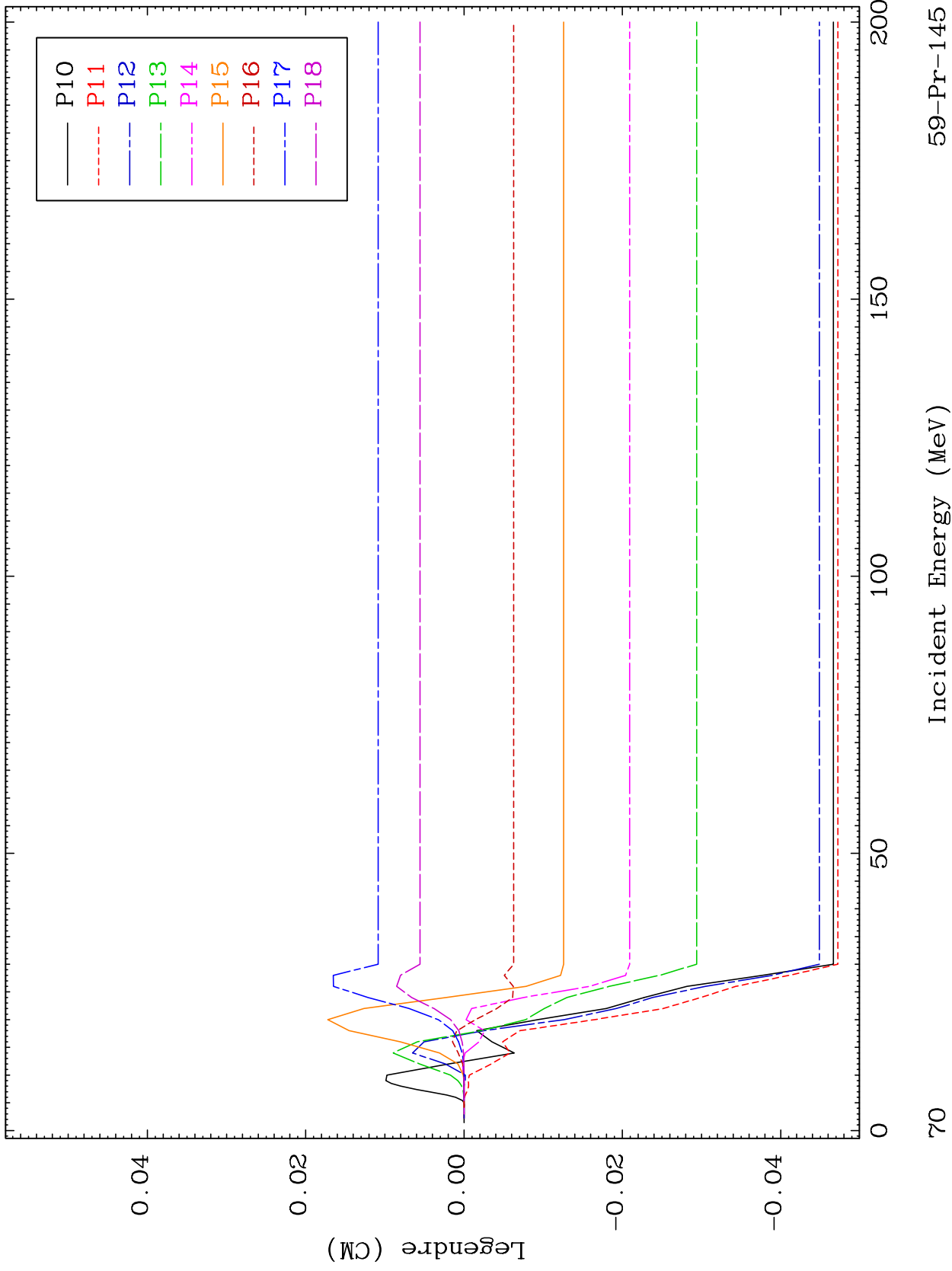
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

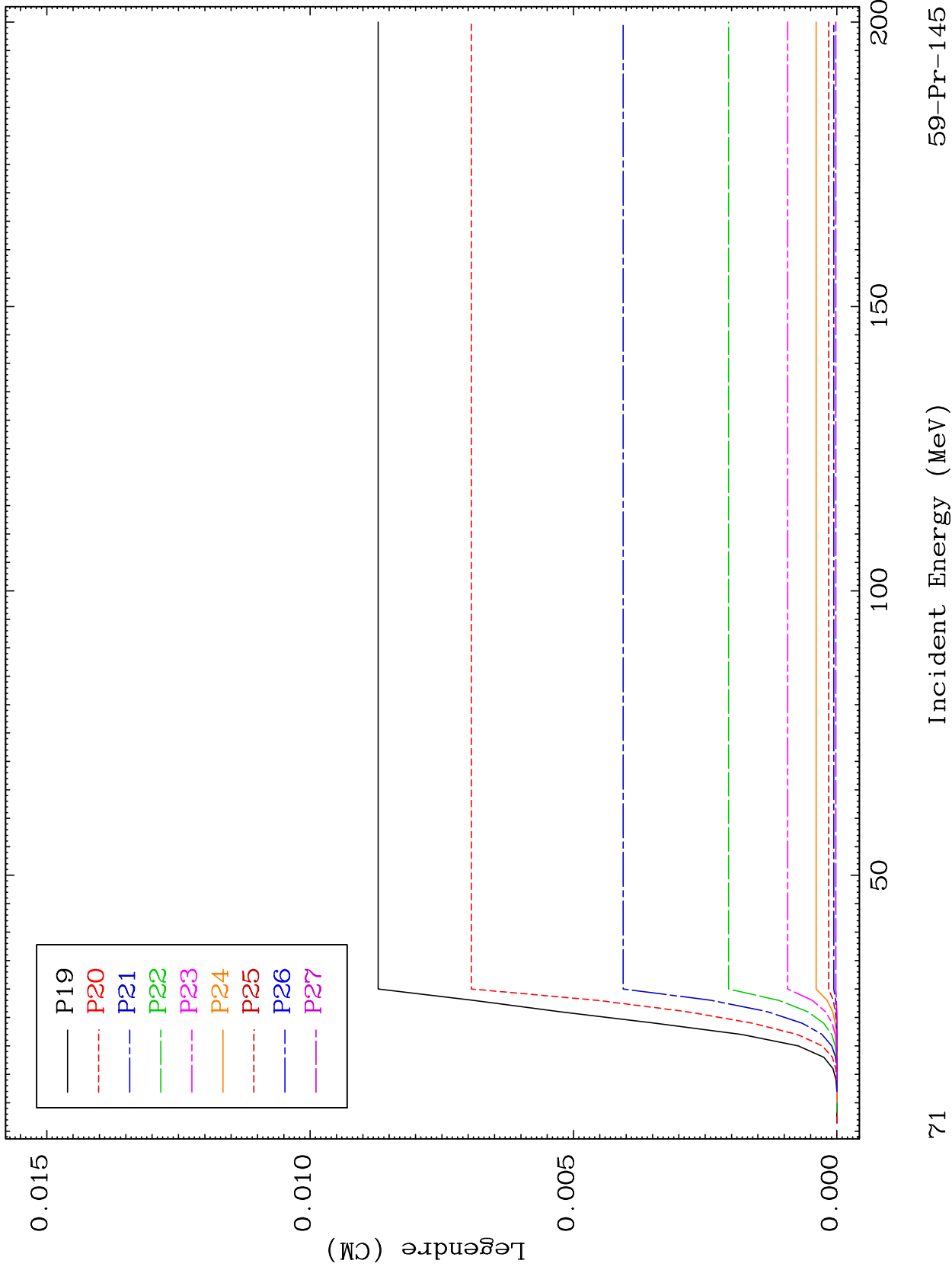
59-Pr-145



59-Pr-145

Incident Energy (MeV)

70

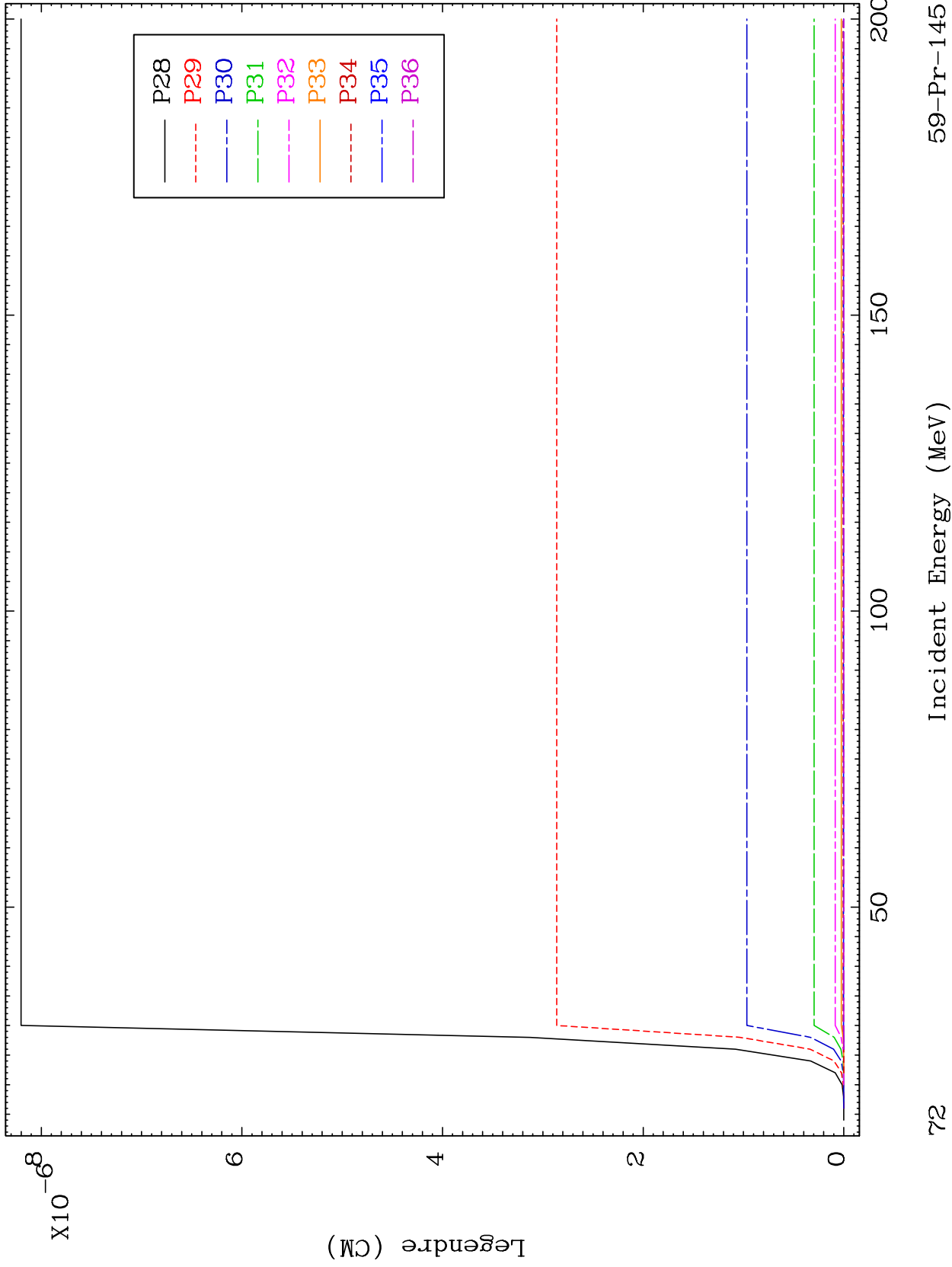




MAT 5937

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

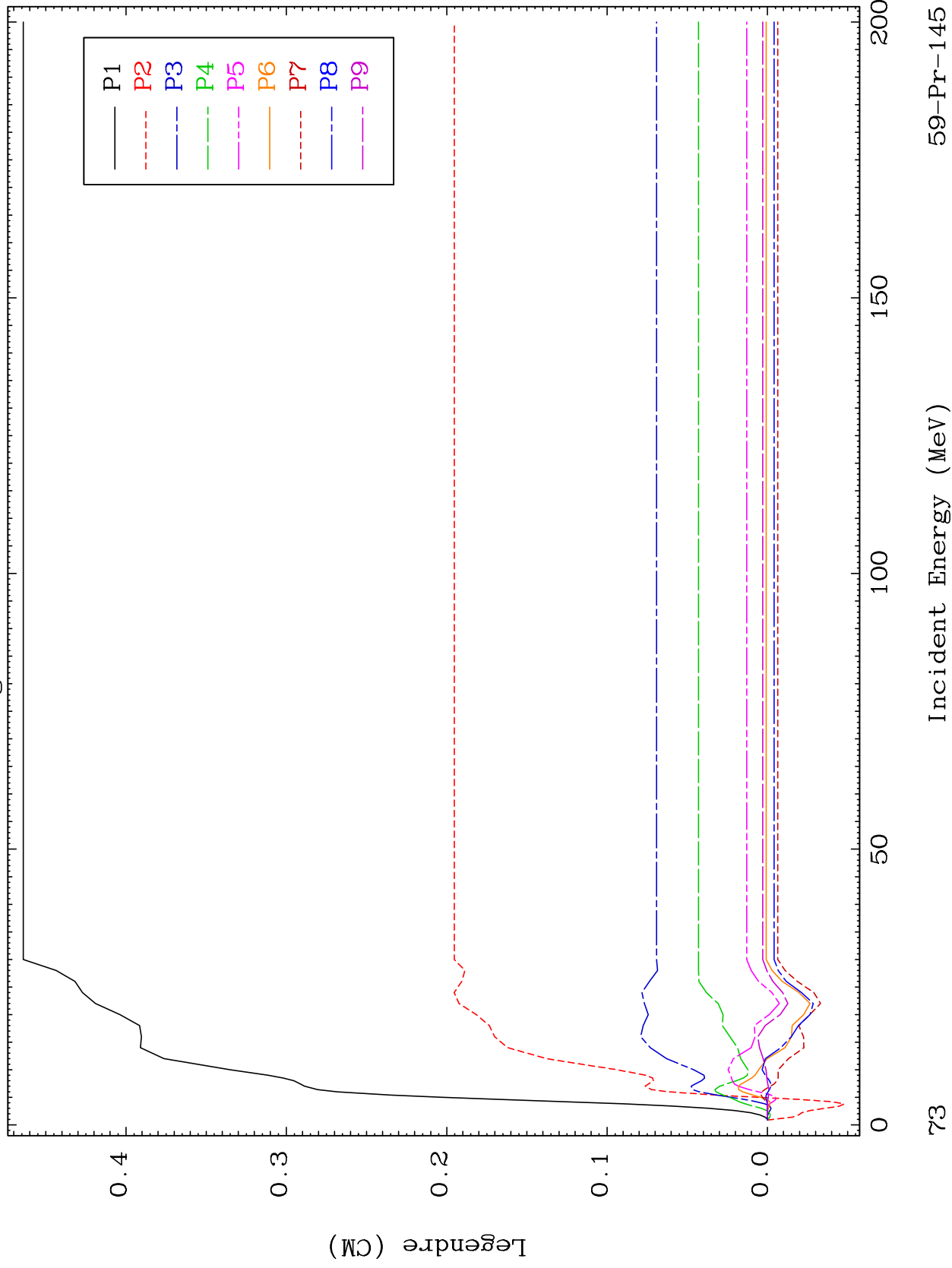
59-Pr-145



MAT 5937

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

59-Pr-145



59-Pr-145

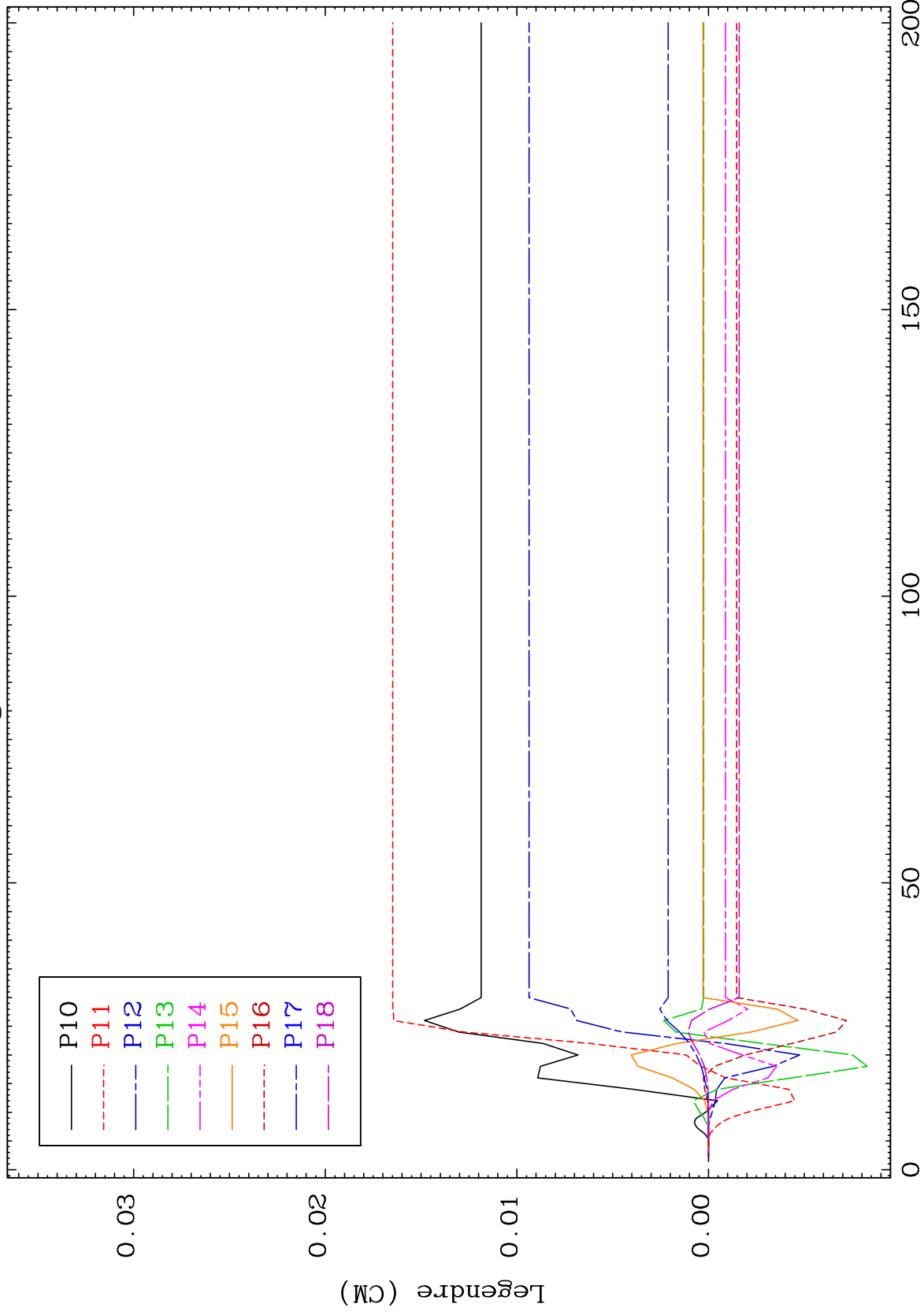
Incident Energy (MeV)

73

MAT 5937

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

59-Pr-145



74

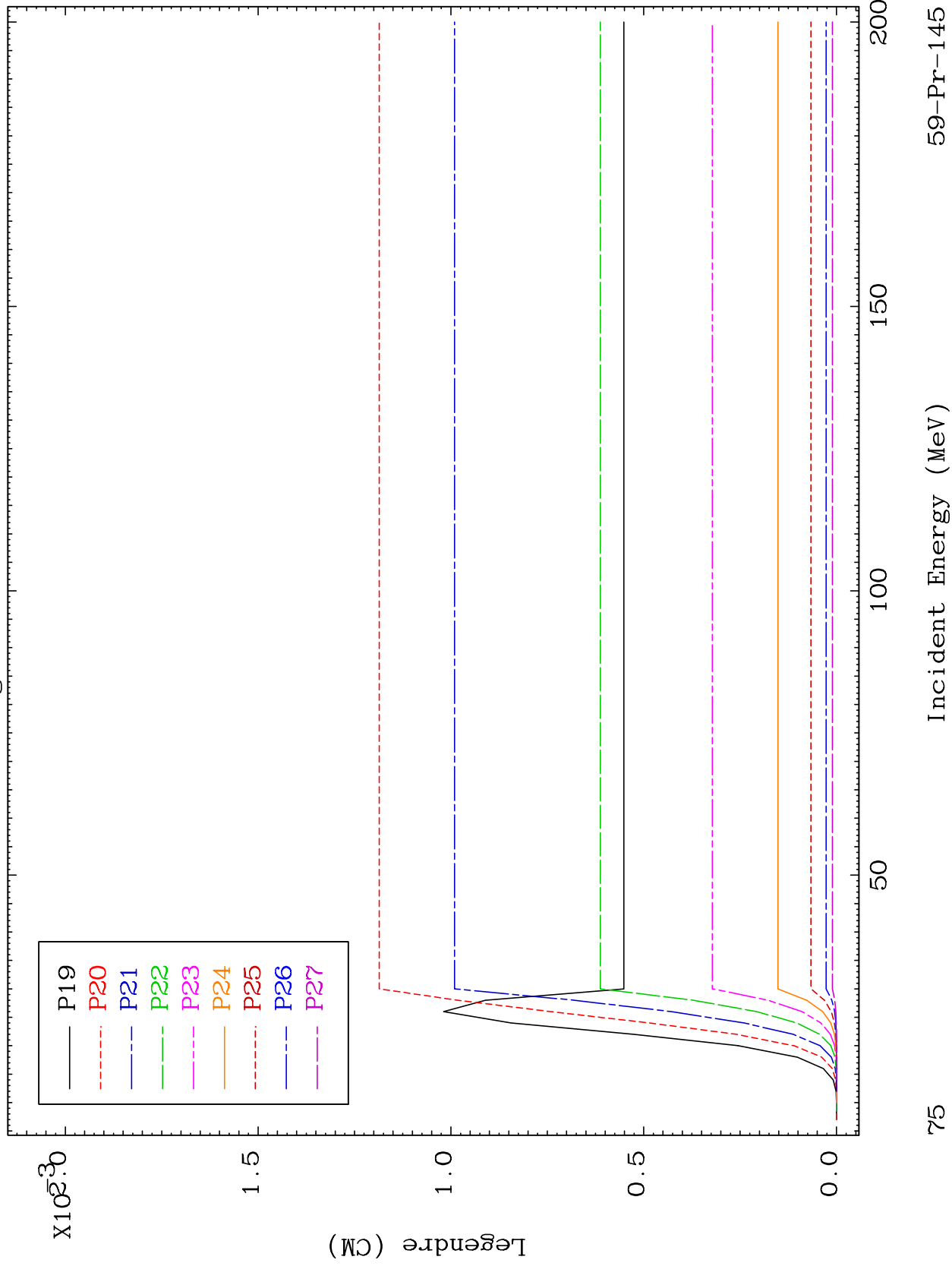
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



75

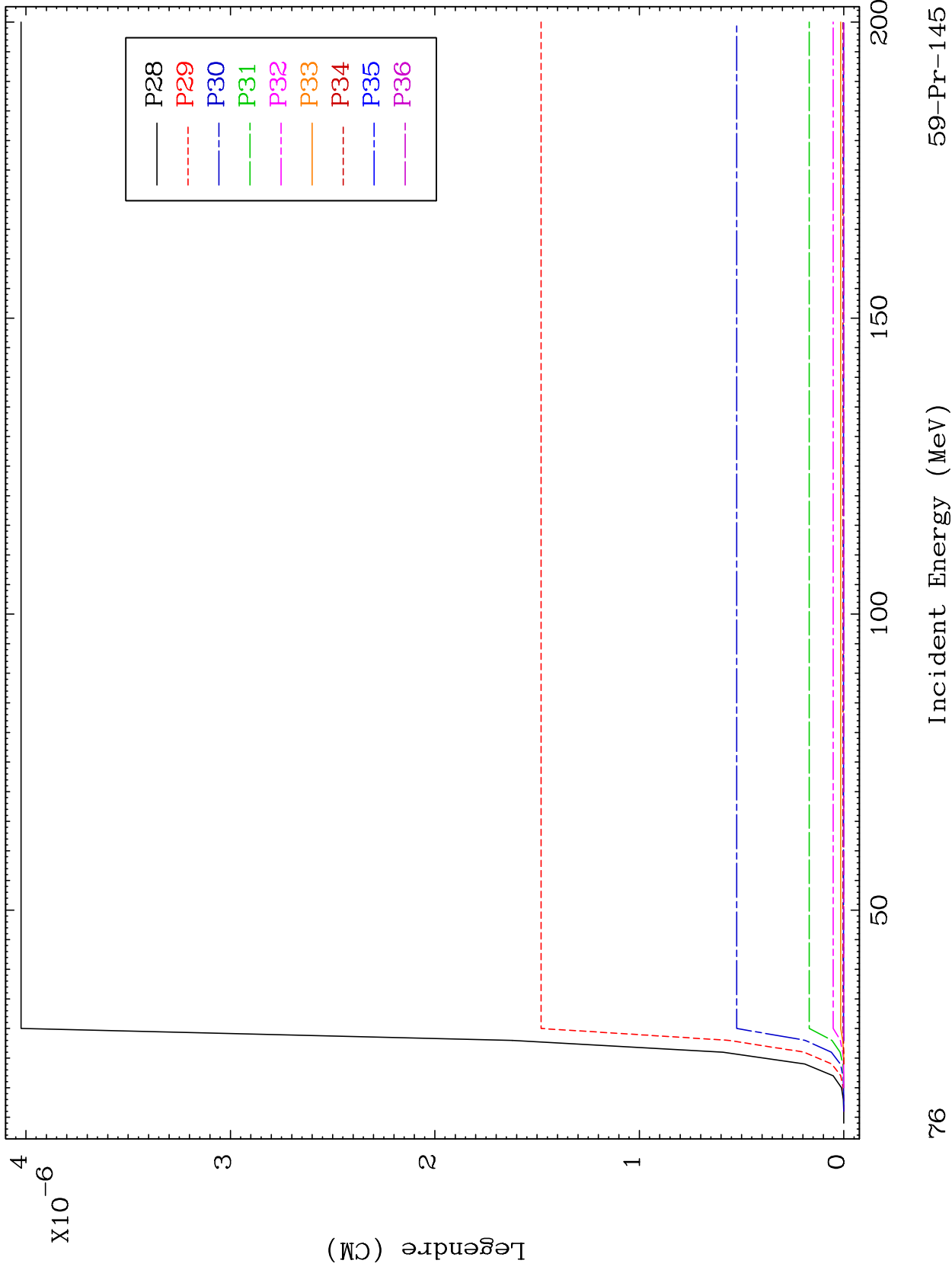
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



76

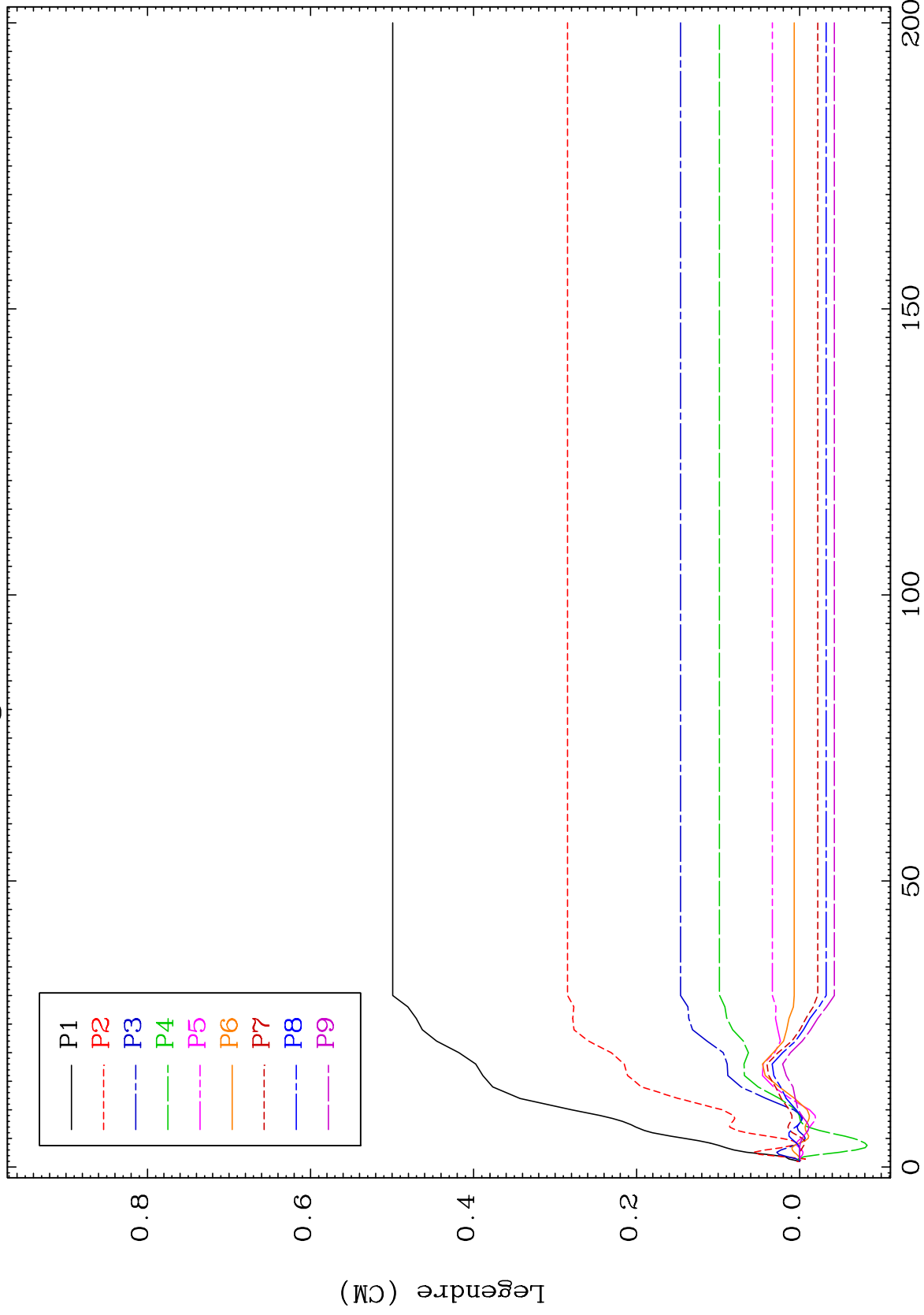
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



77

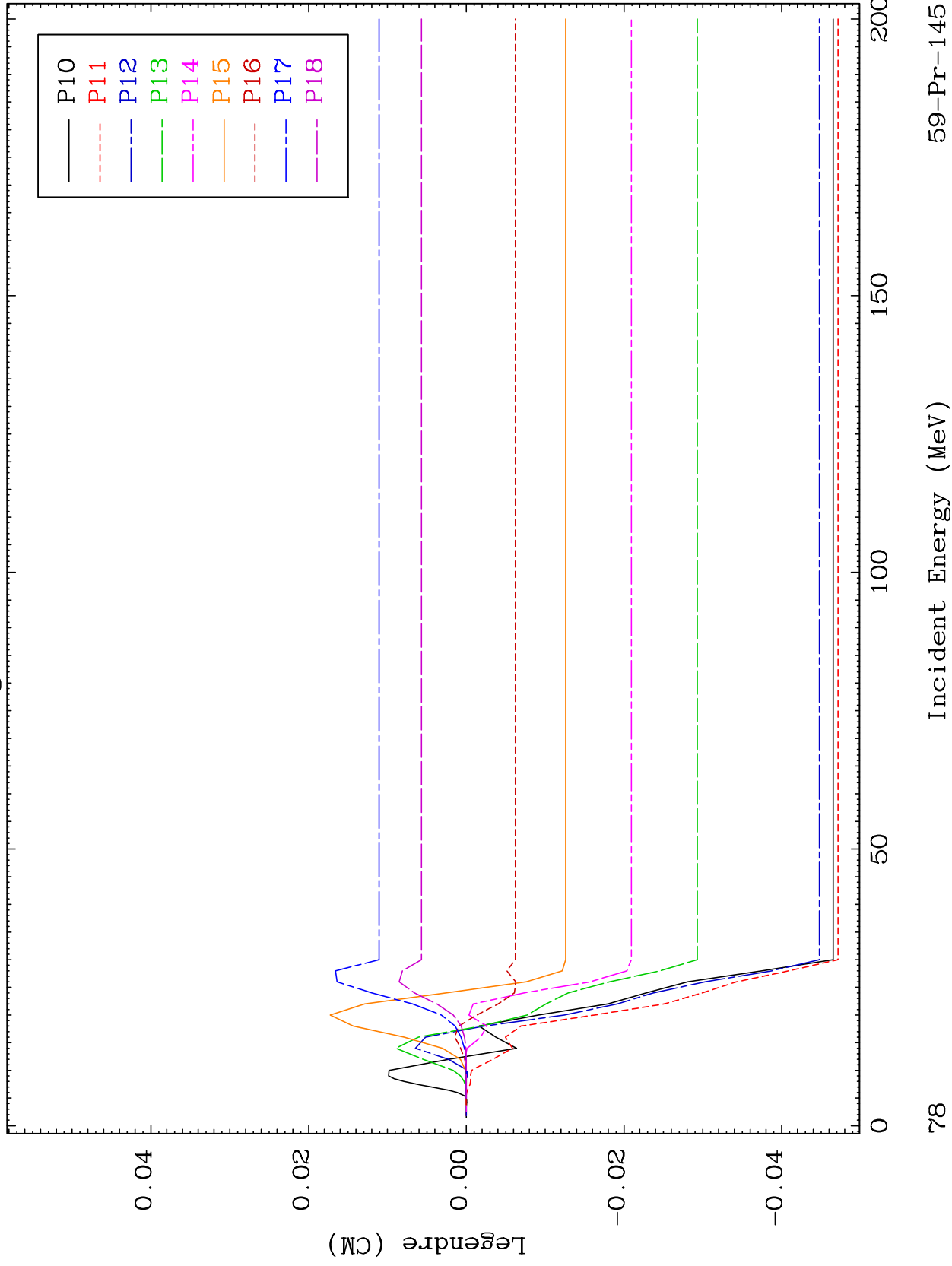
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



59-Pr-145

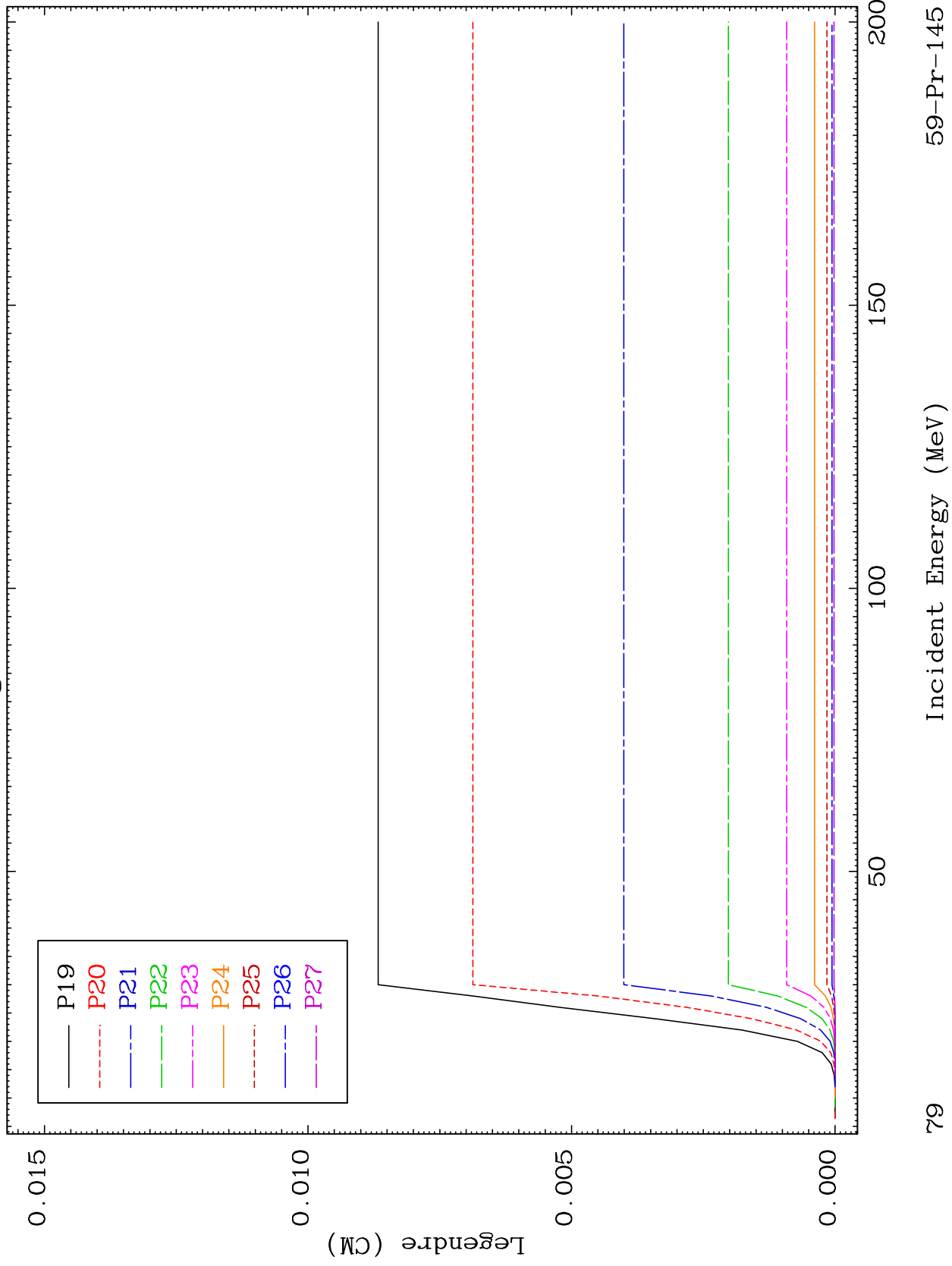
Incident Energy (MeV)

78

MAT 5937

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

59-Pr-145



79

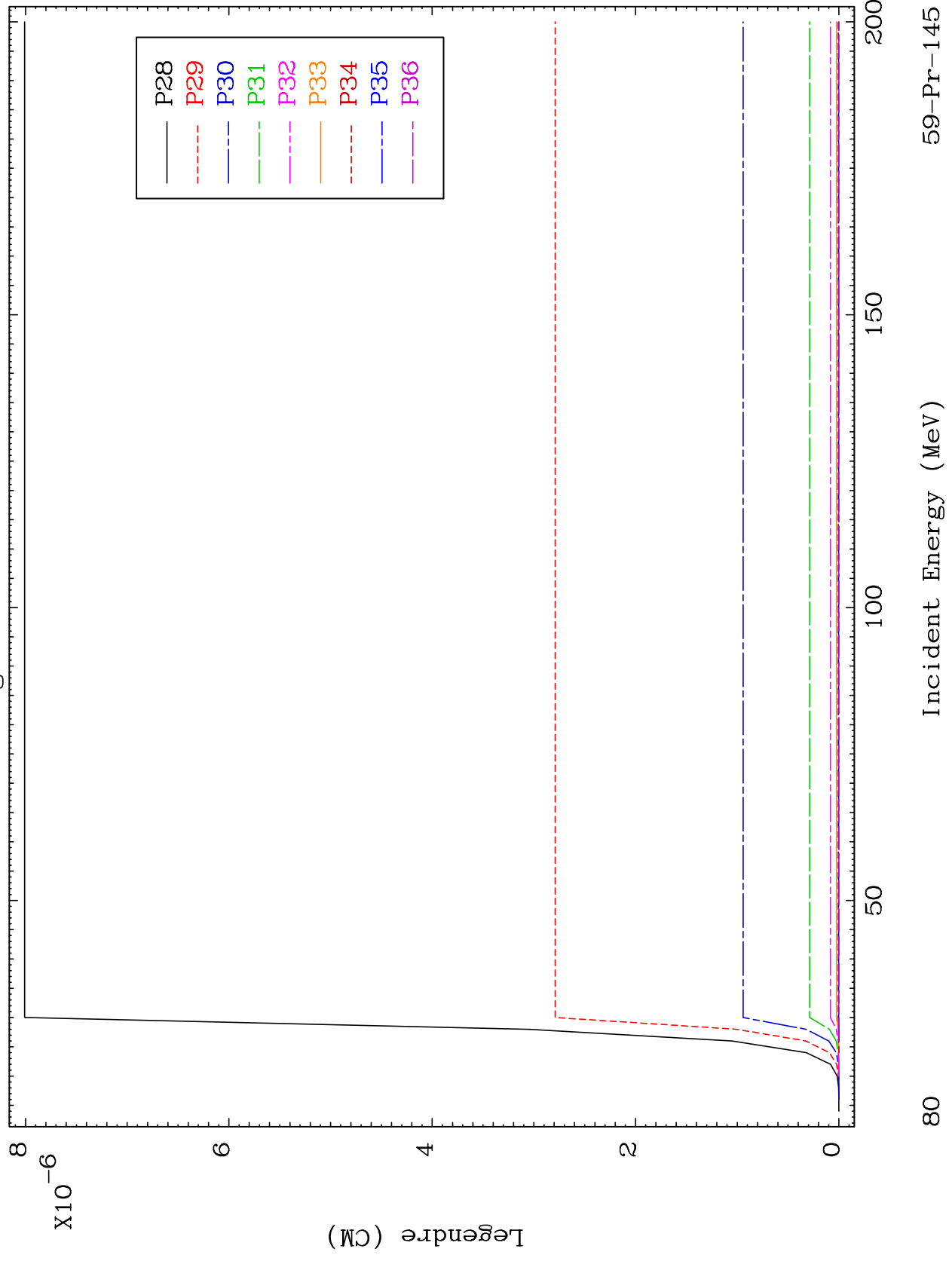
59-Pr-145



MAT 5937

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

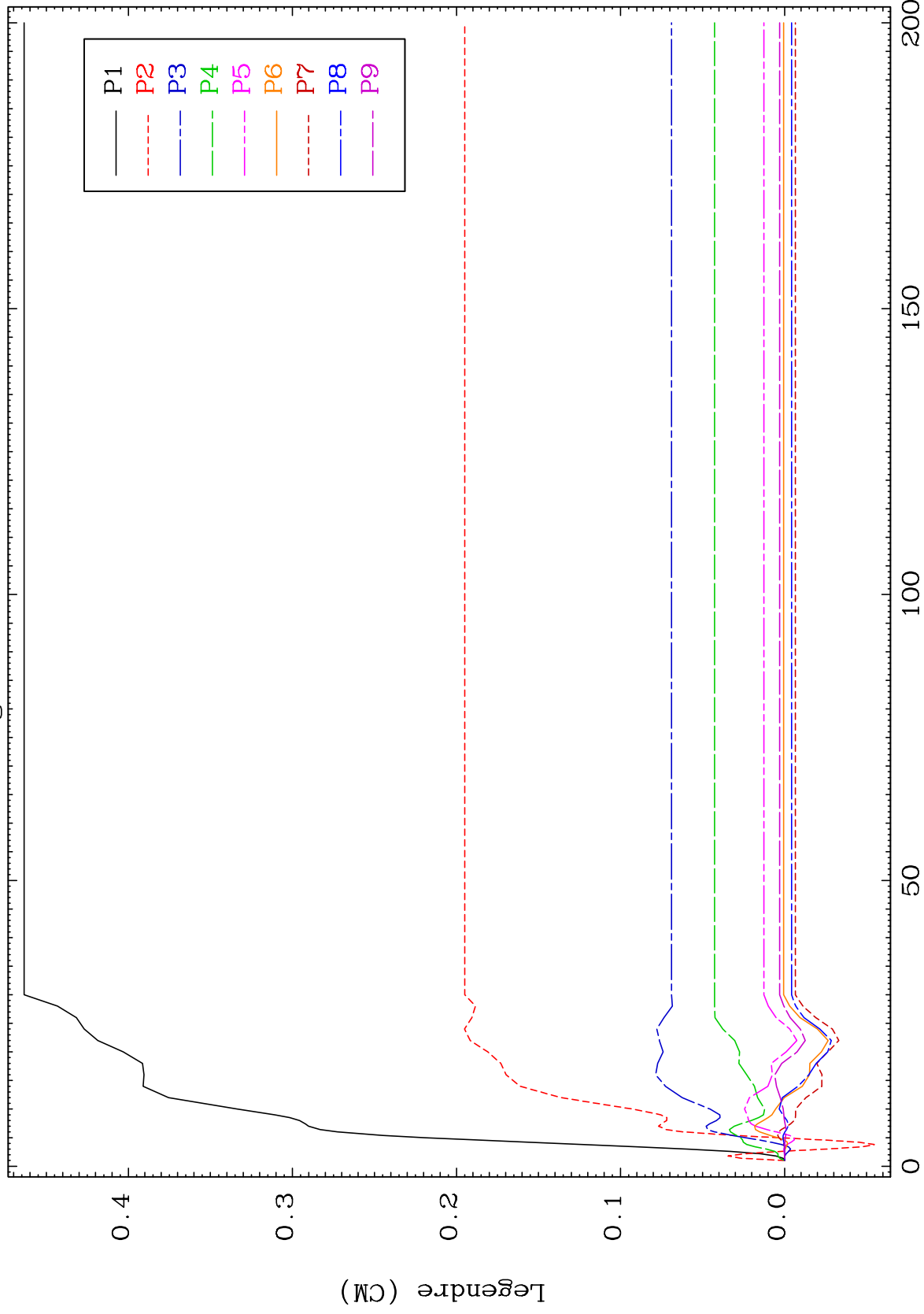
59-Pr-145



MAT 5937

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

59-Pr-145



81

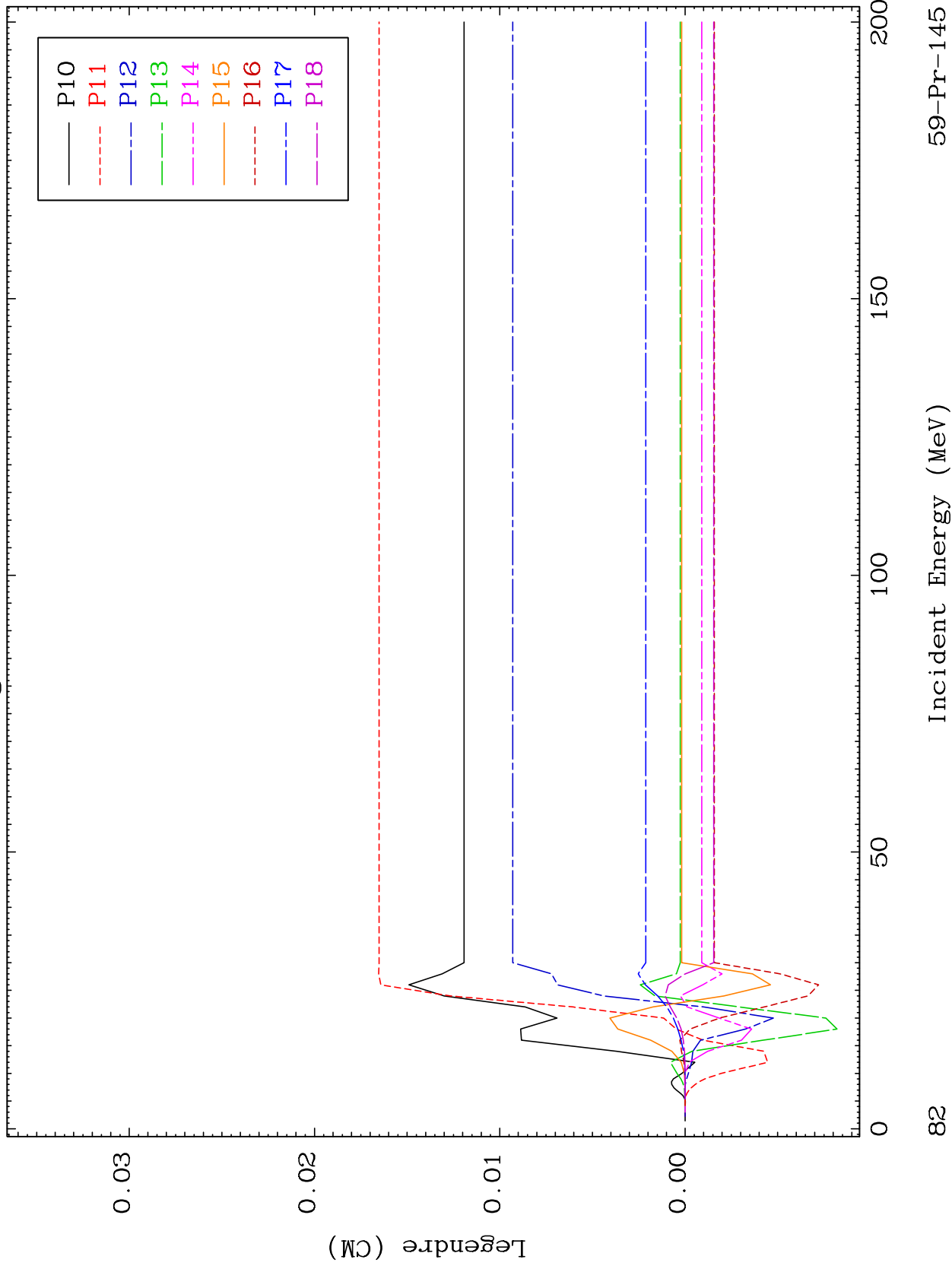
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

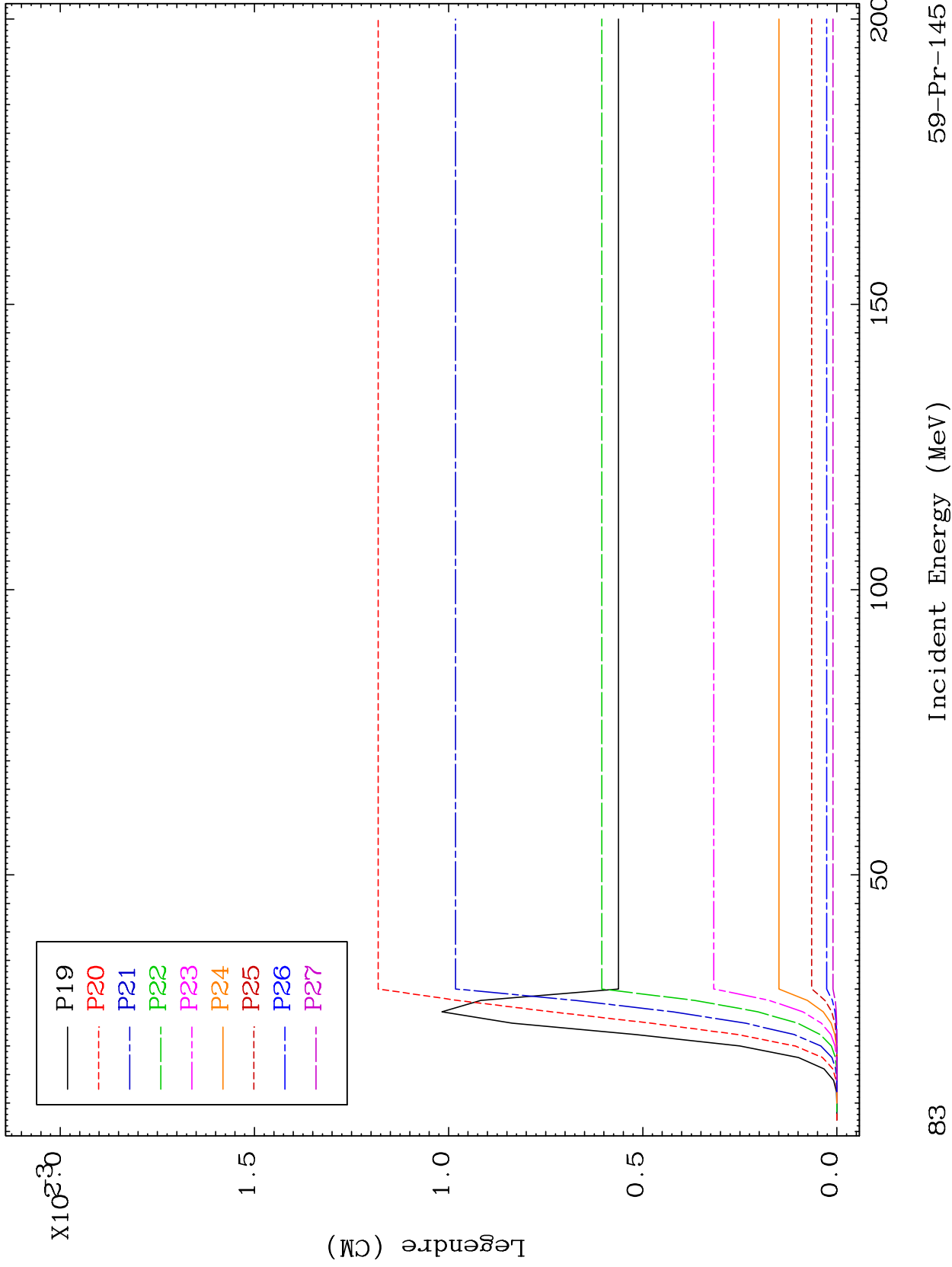
59-Pr-145



59-Pr-145

Incident Energy (MeV)

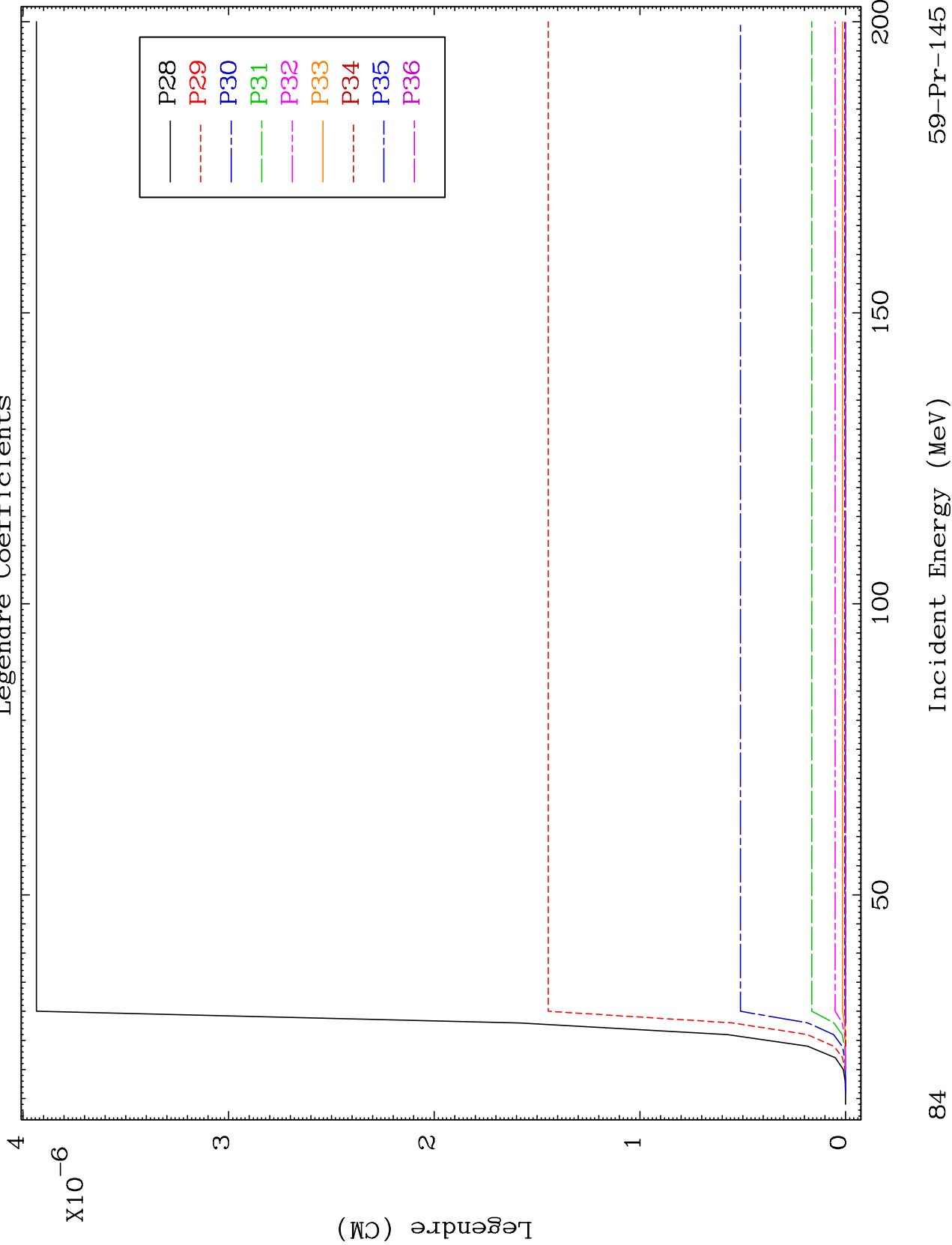
82



MAT 5937

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

59-Pr-145



84

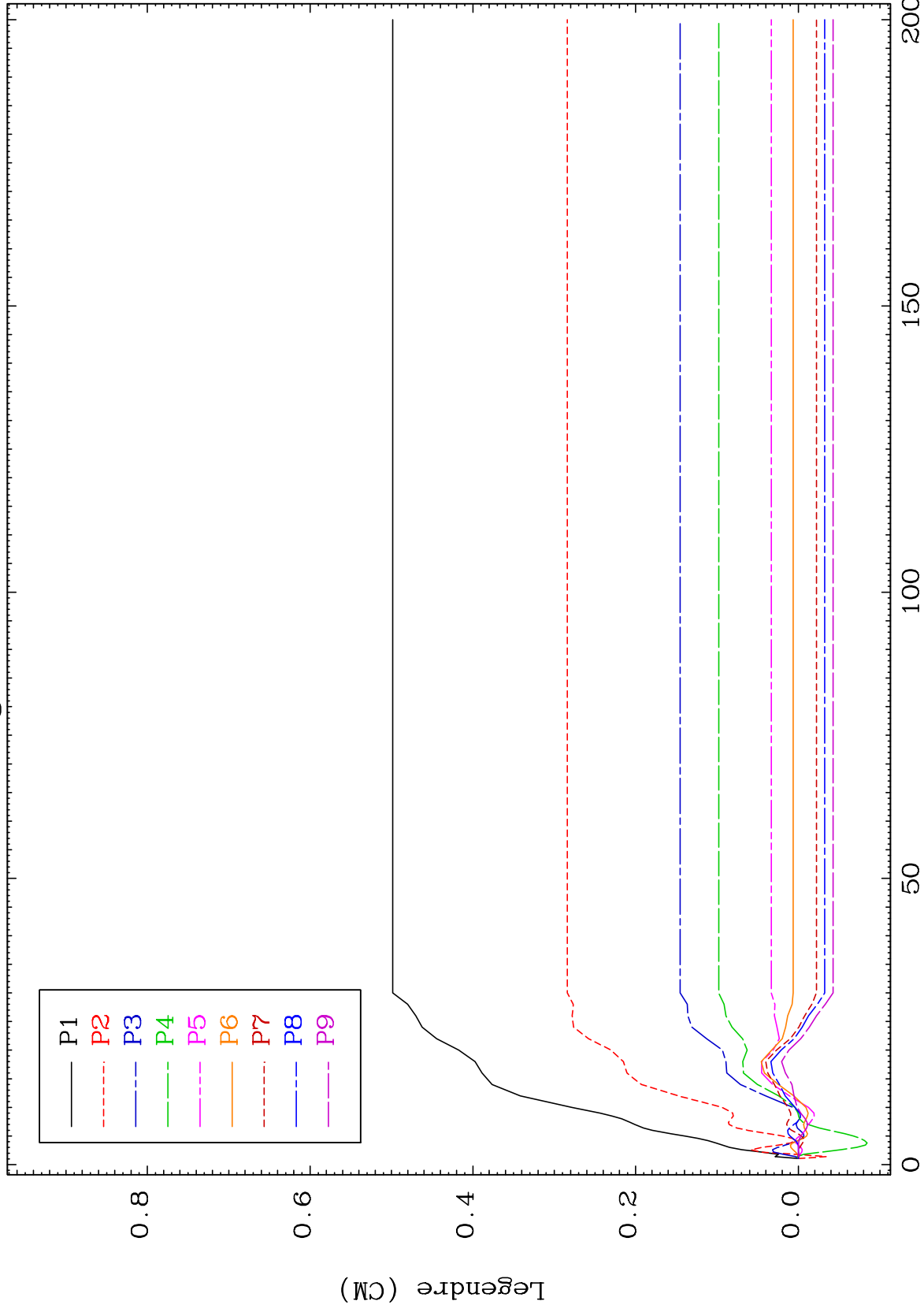
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



85

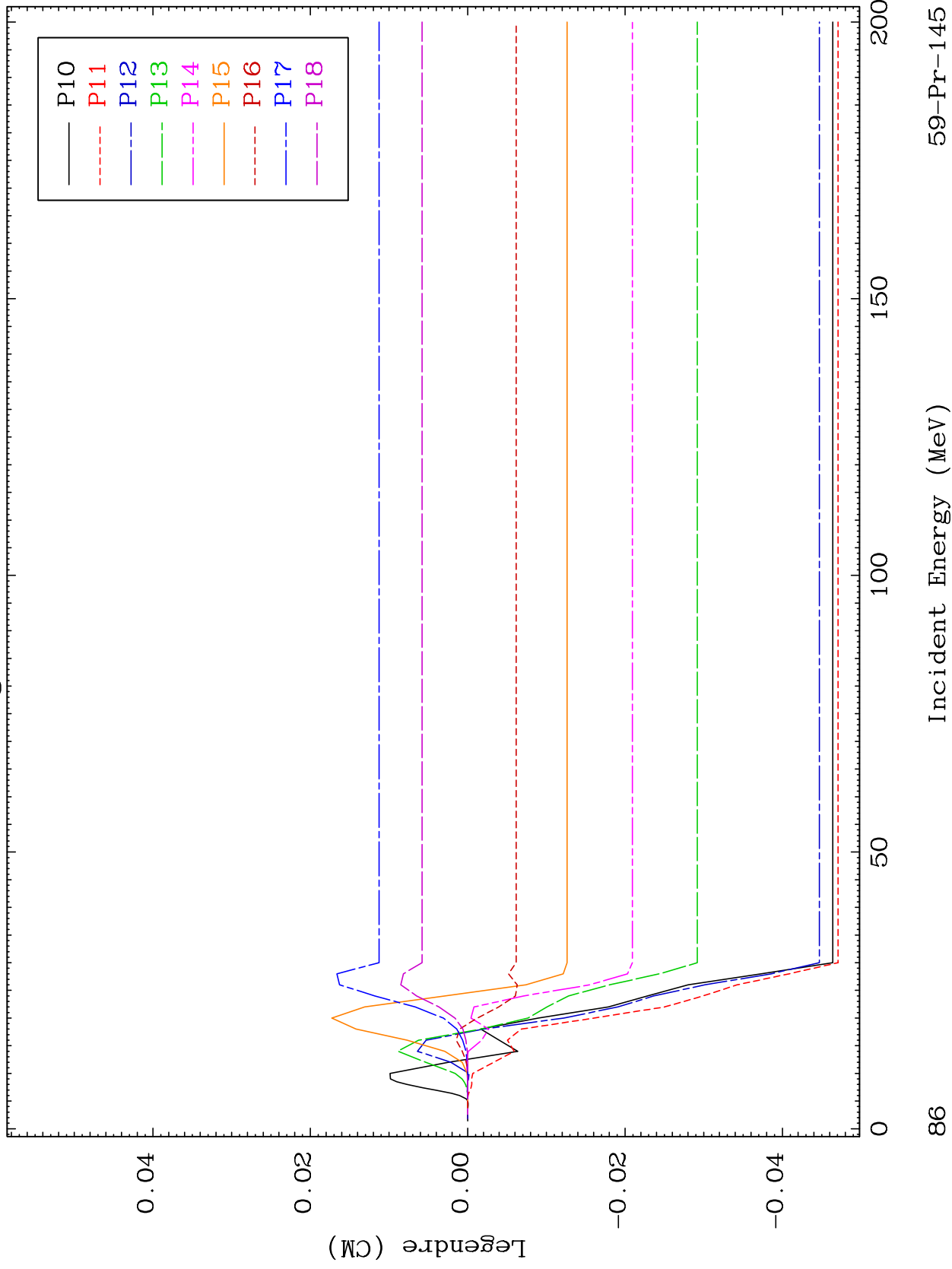
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



59-Pr-145

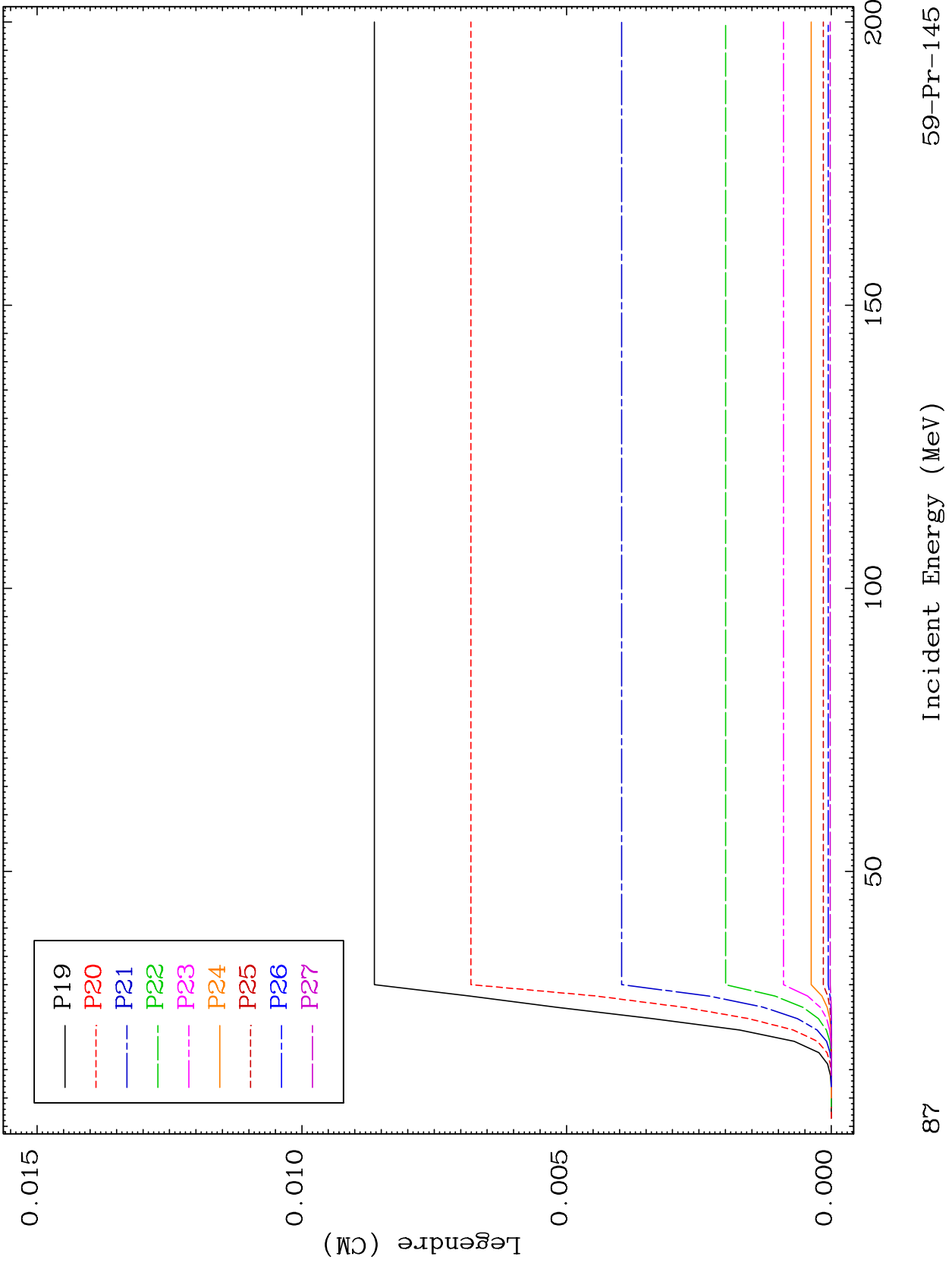
Incident Energy (MeV)

86

MAT 5937

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

59-Pr-145



87

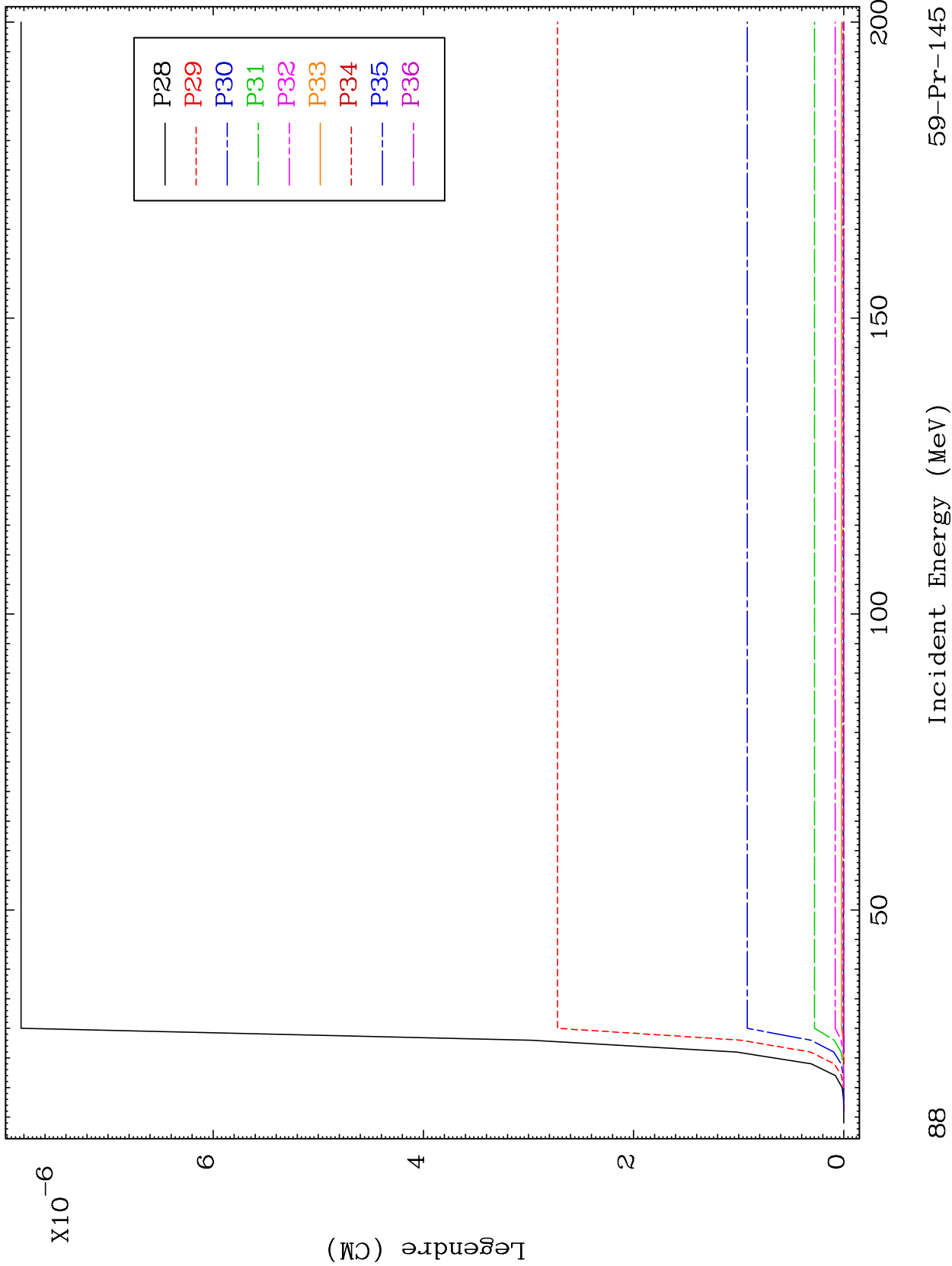
59-Pr-145



MAT 5937

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

59-Pr-145



88

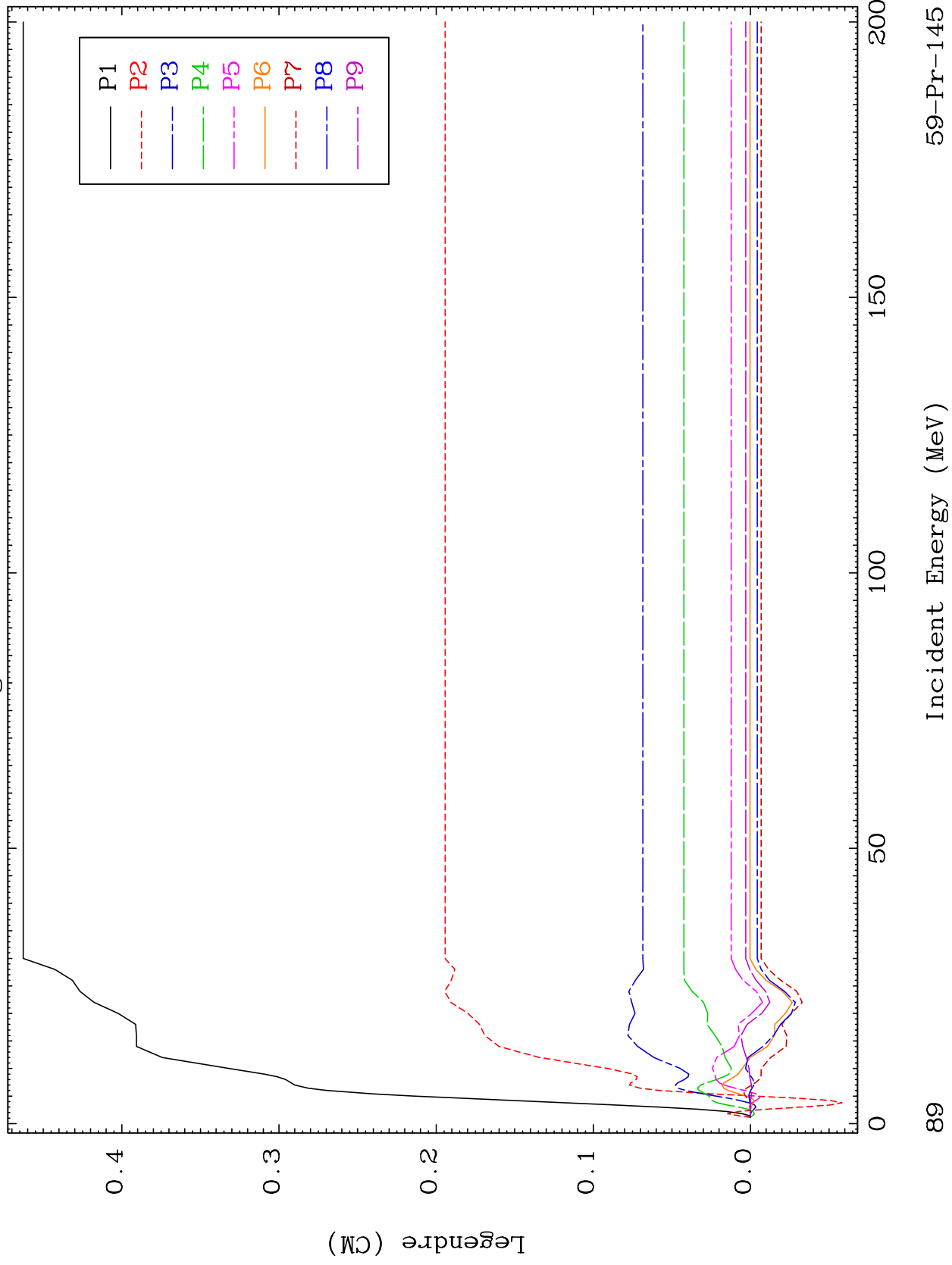
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145

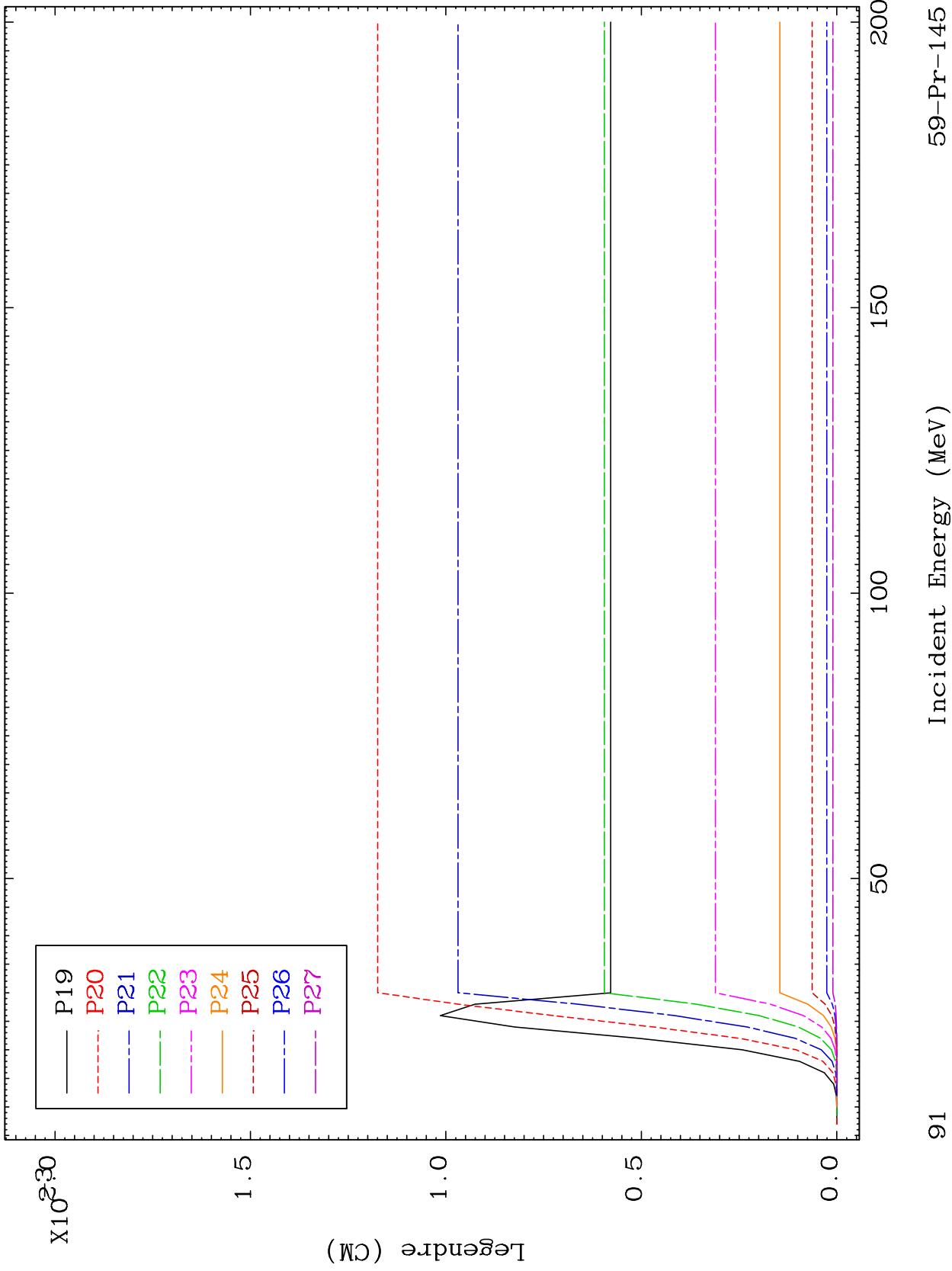


59-Pr-145

Incident Energy (MeV)

89

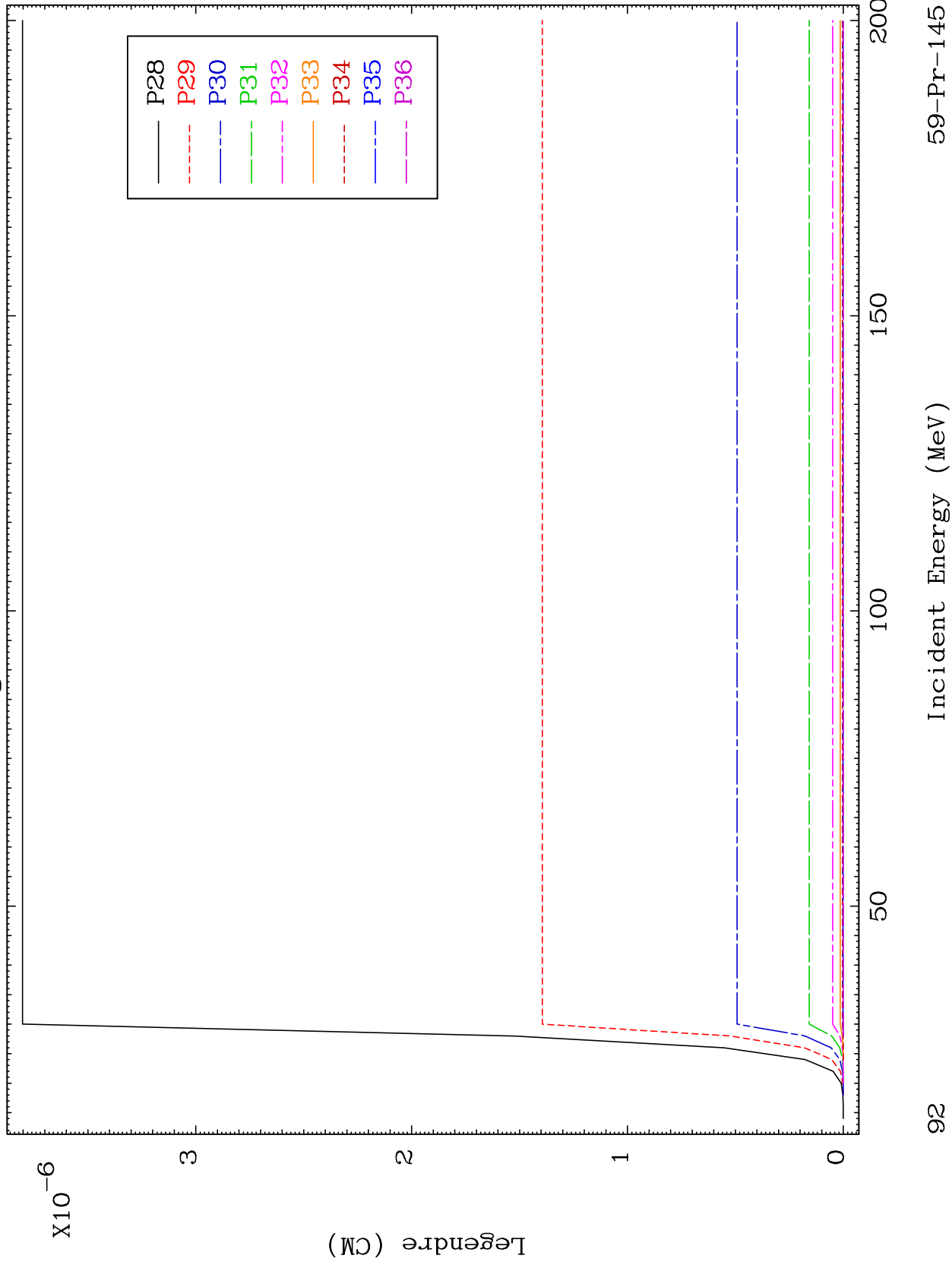




MAT 5937

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

59-Pr-145

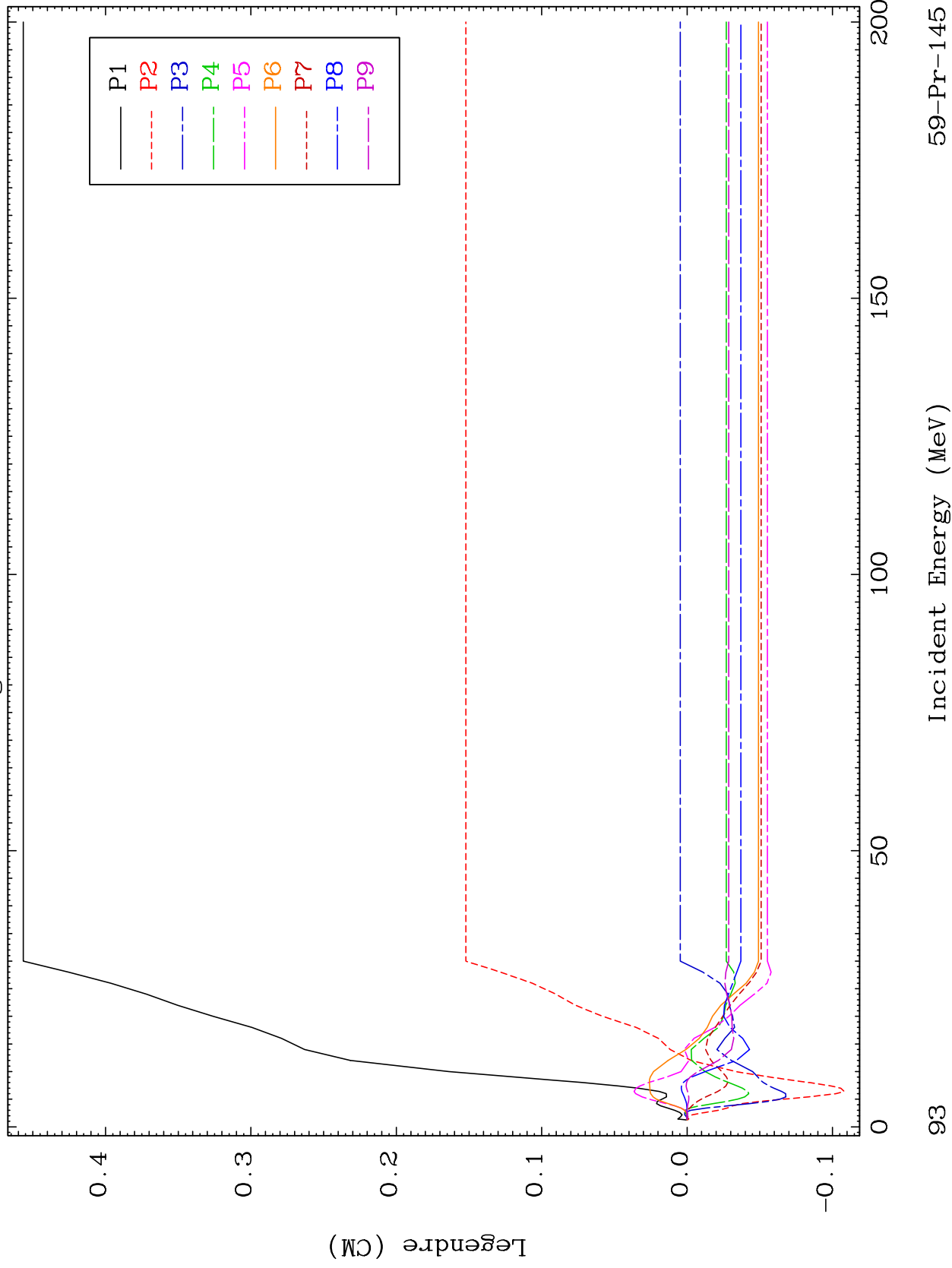


92

MAT 5937

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

59-Pr-145



59-Pr-145

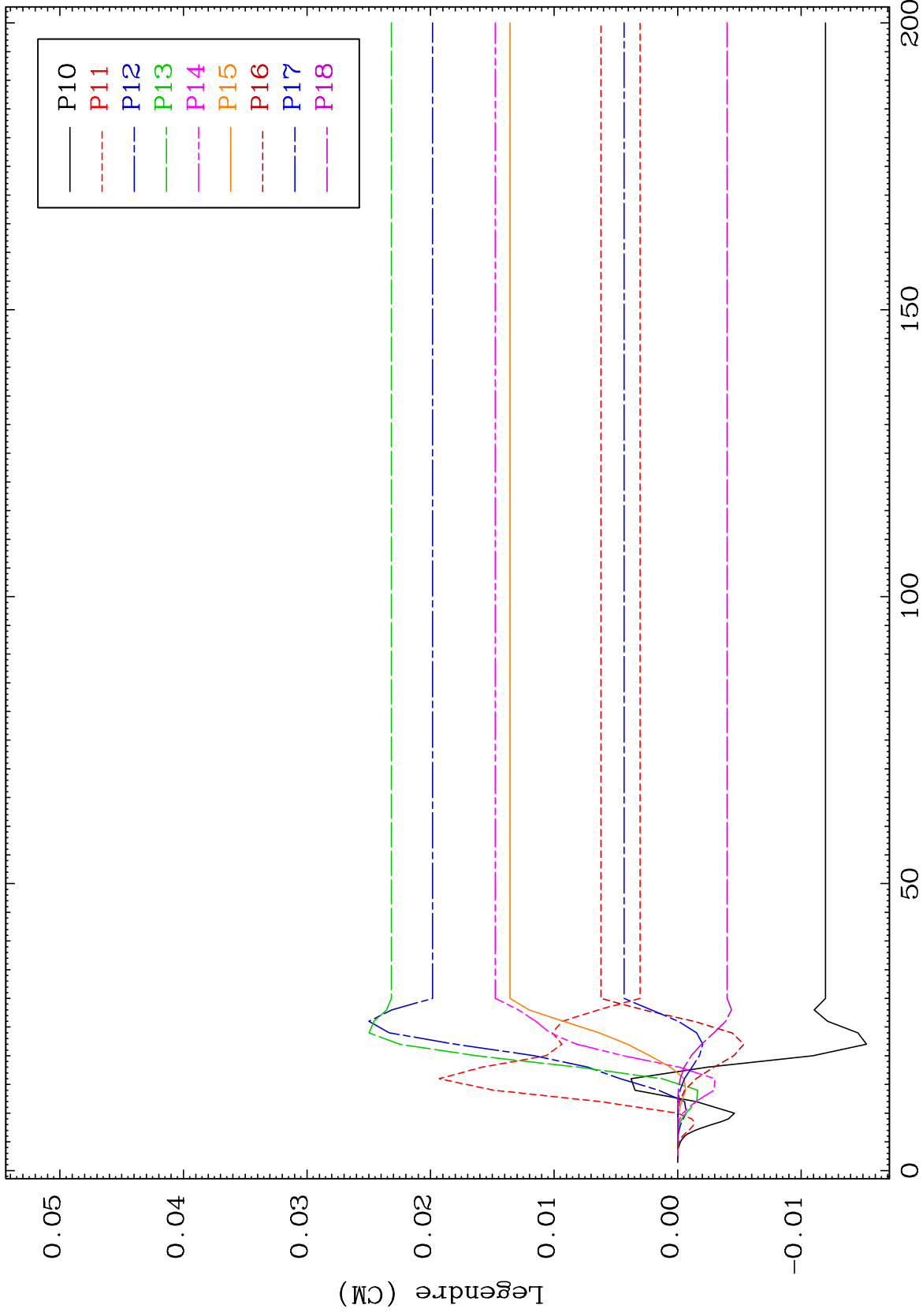
Incident Energy (MeV)

93

MAT 5937

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

59-Pr-145



94

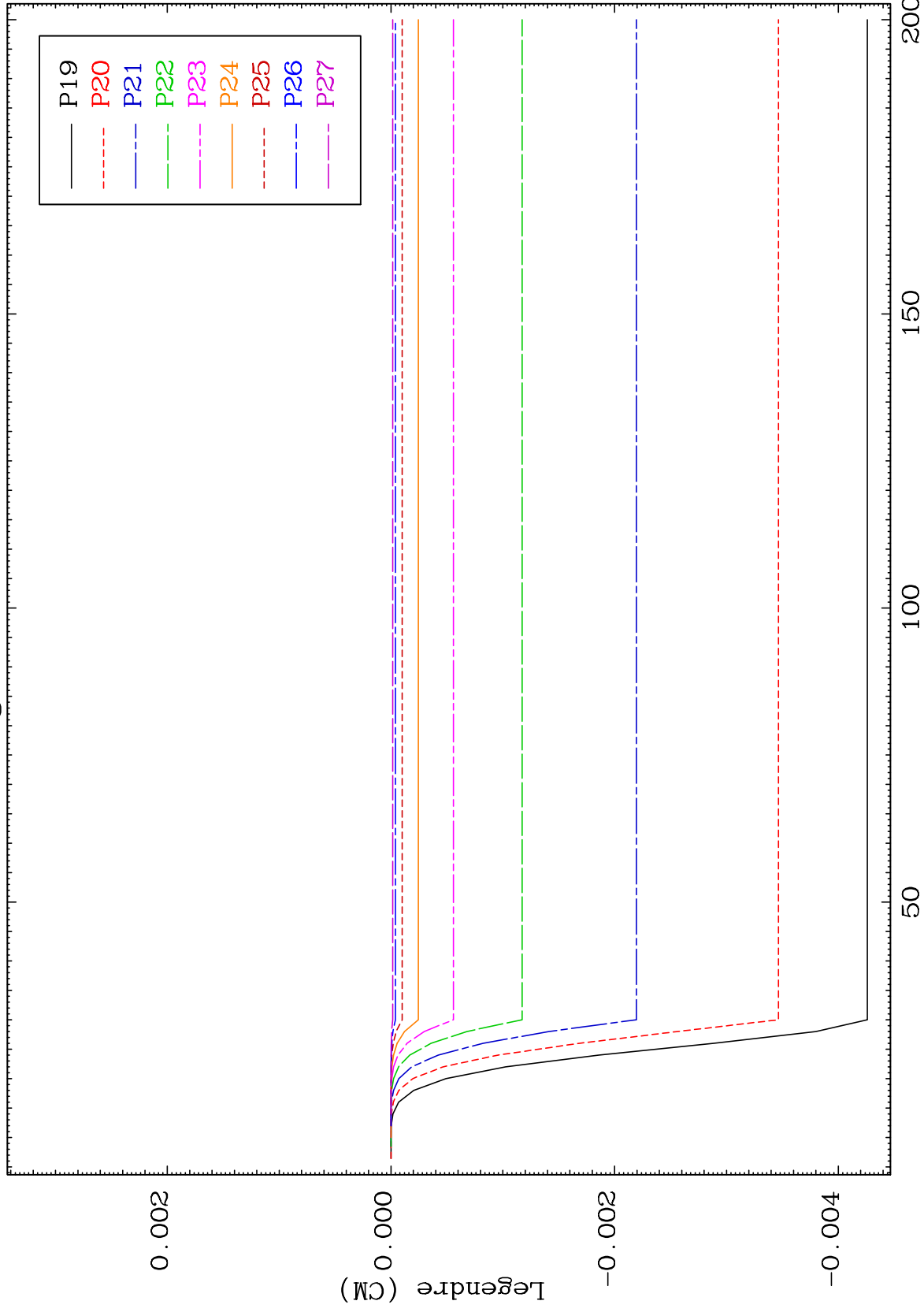
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



95

Incident Energy (MeV)

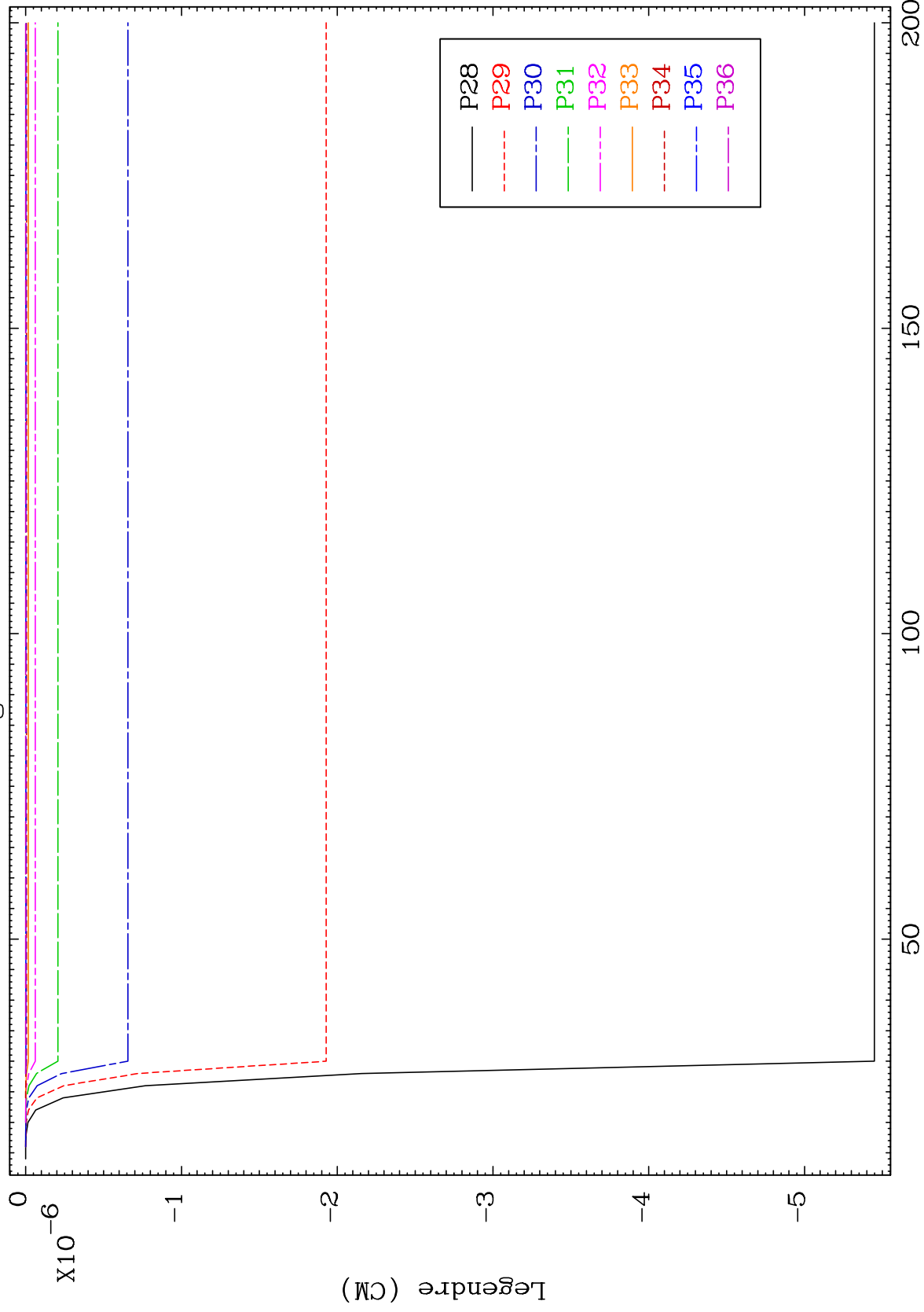
59-Pr-145



MAT 5937

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

59-Pr-145



96

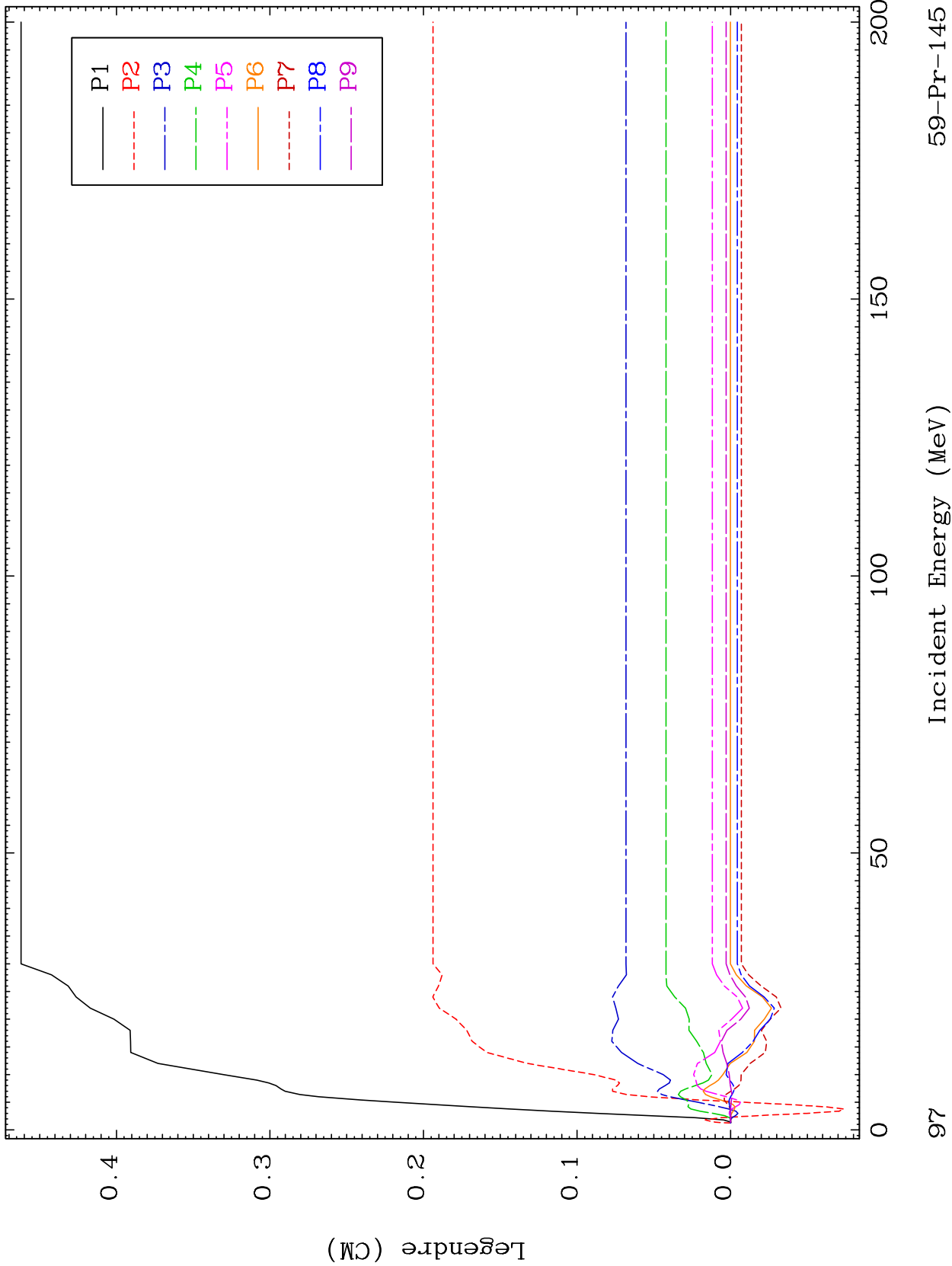
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



97

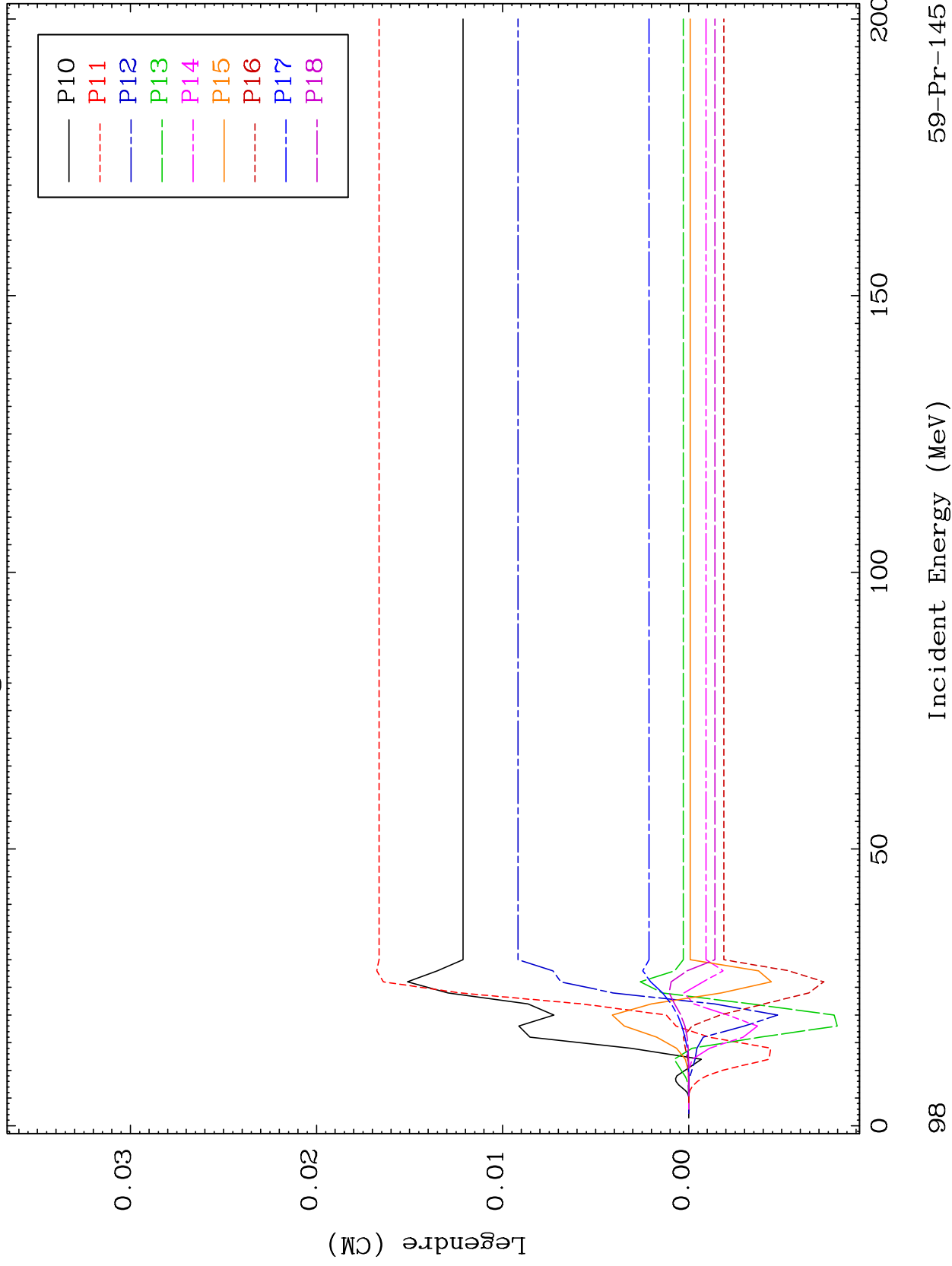
Incident Energy (MeV)

59-Pr-145

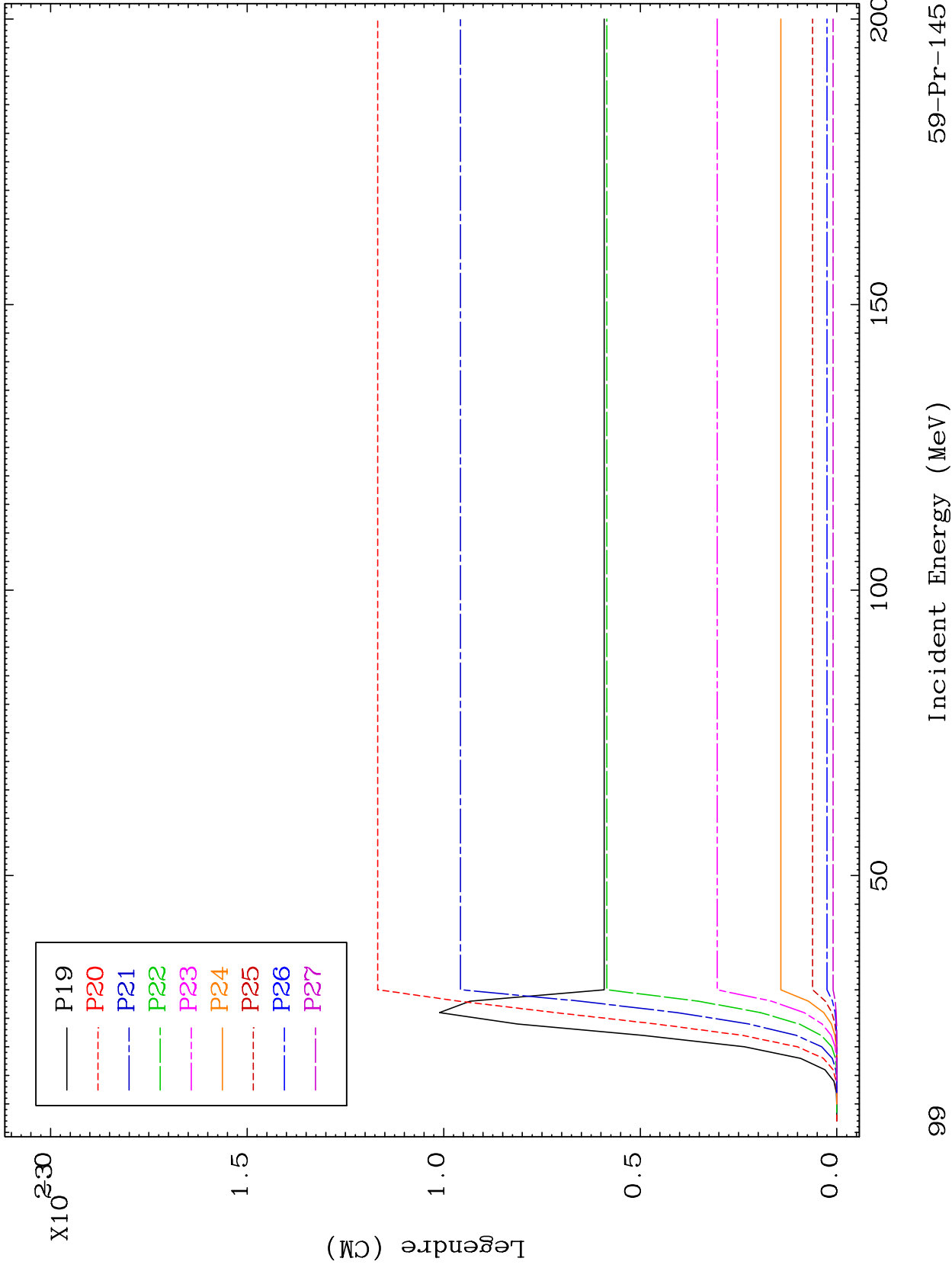
MAT 5937

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

59-Pr-145



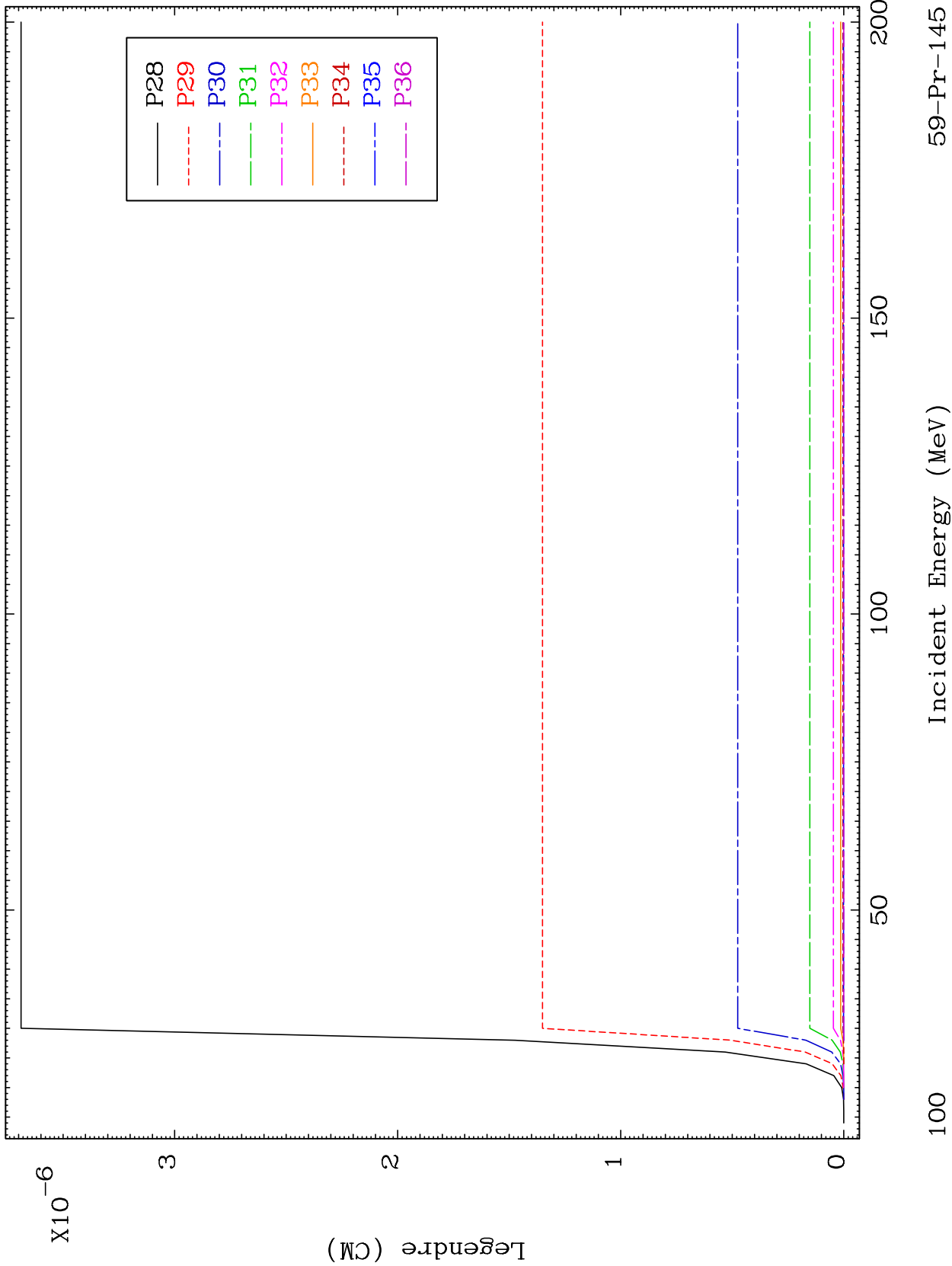
59-Pr-145



MAT 5937

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

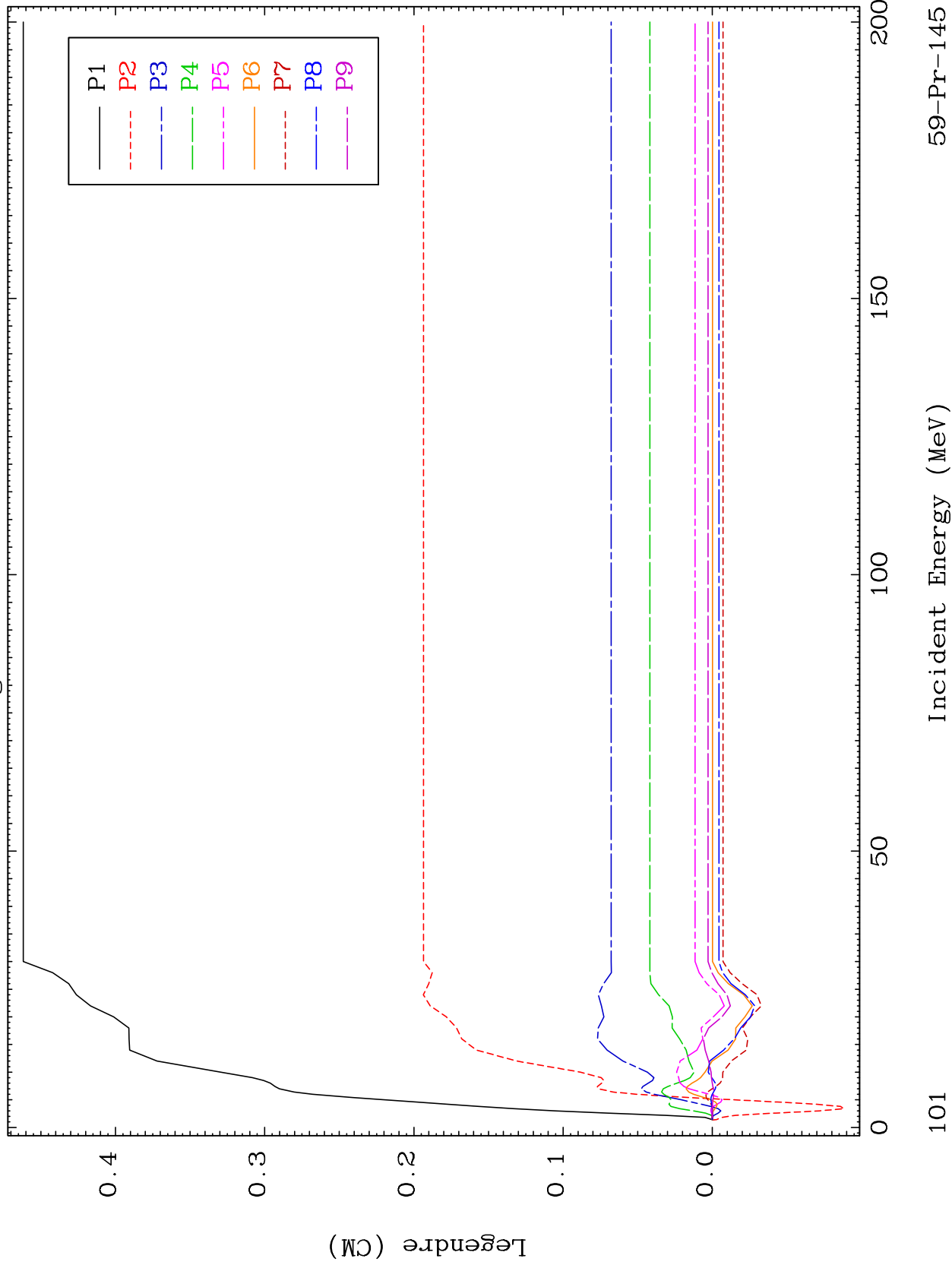
59-Pr-145



MAT 5937

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

59-Pr-145



59-Pr-145

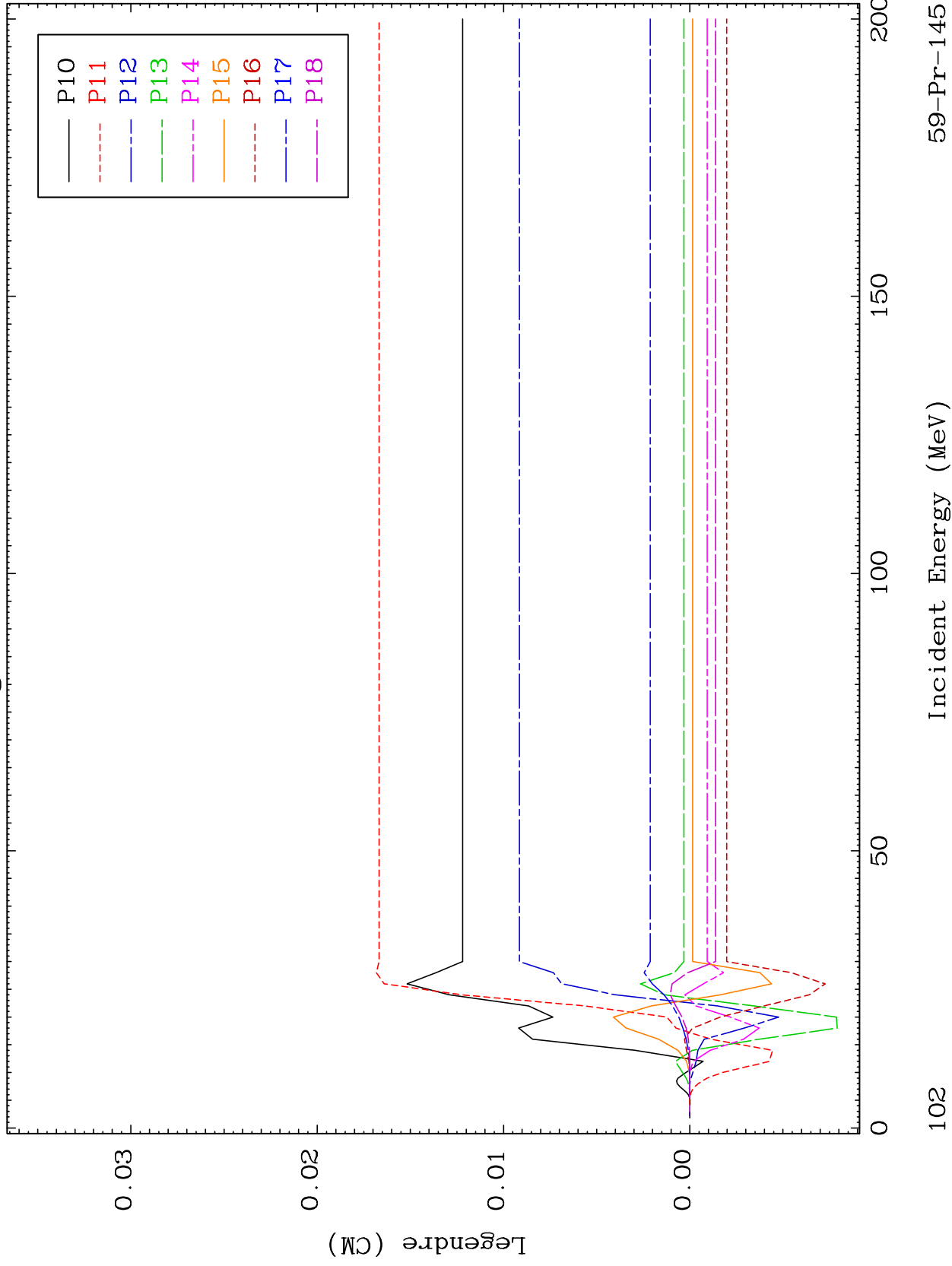
Incident Energy (MeV)

101

MAT 5937

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

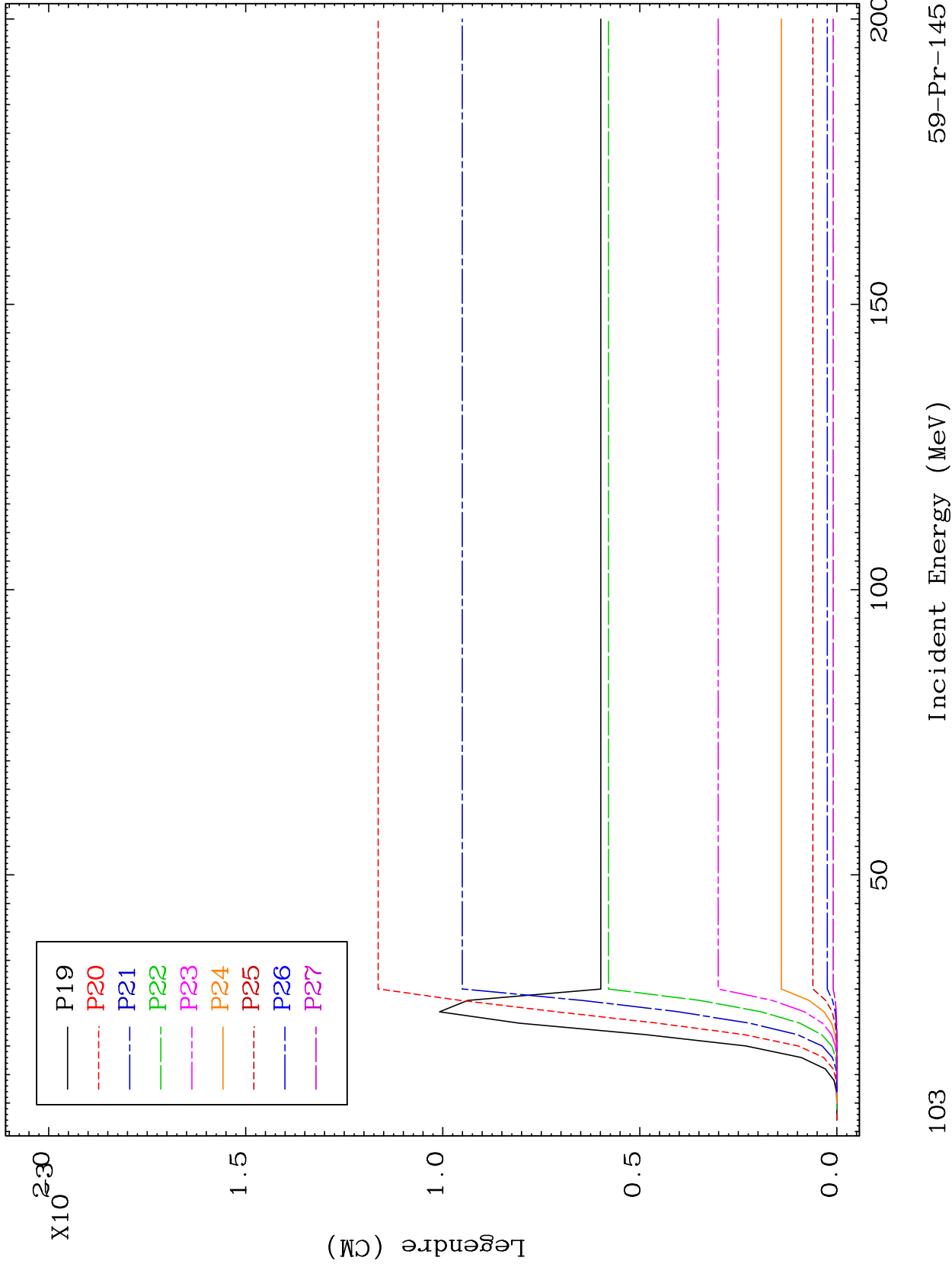
59-Pr-145



59-Pr-145

Incident Energy (MeV)

102

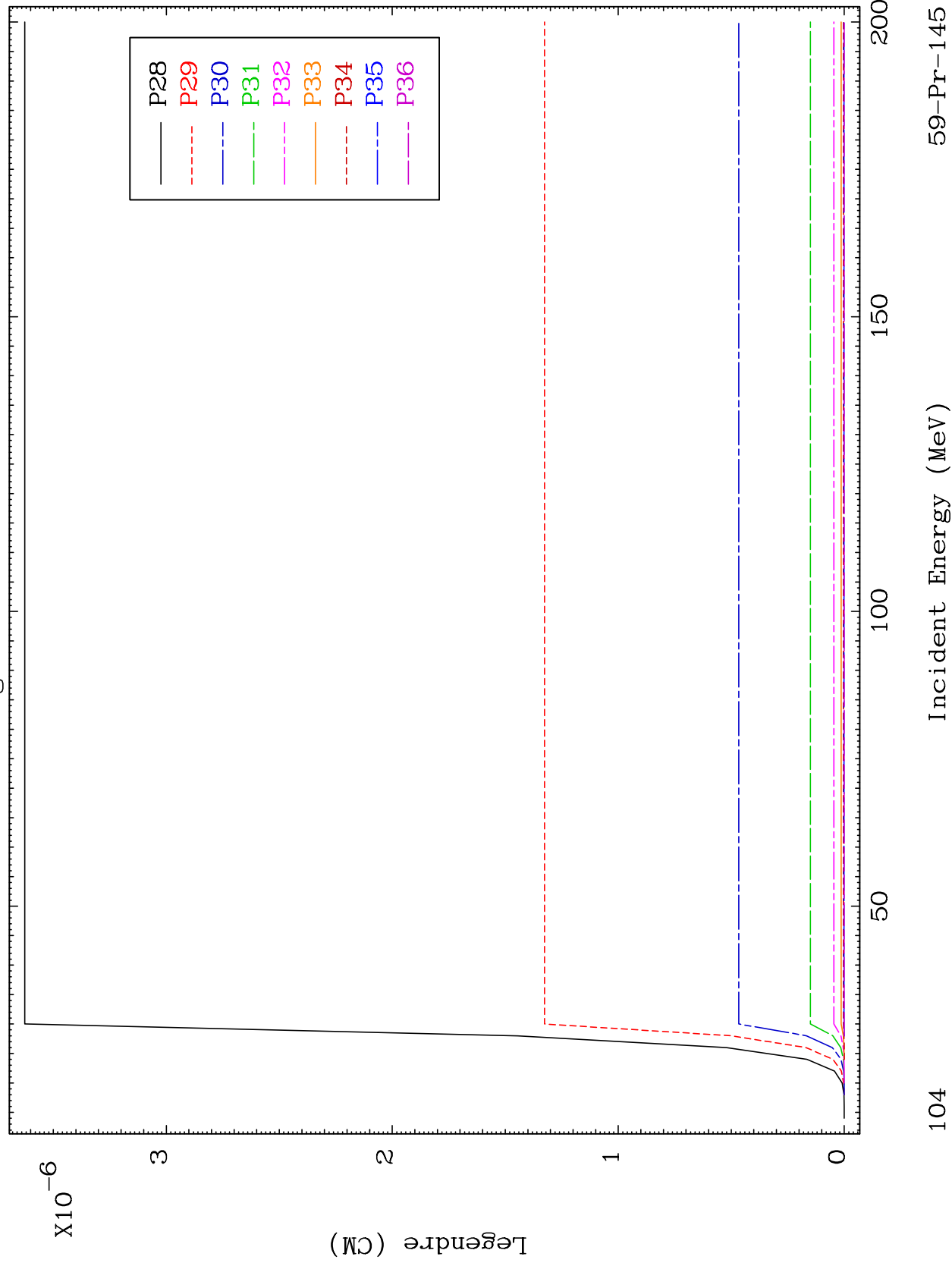




MAT 5937

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

59-Pr-145



104

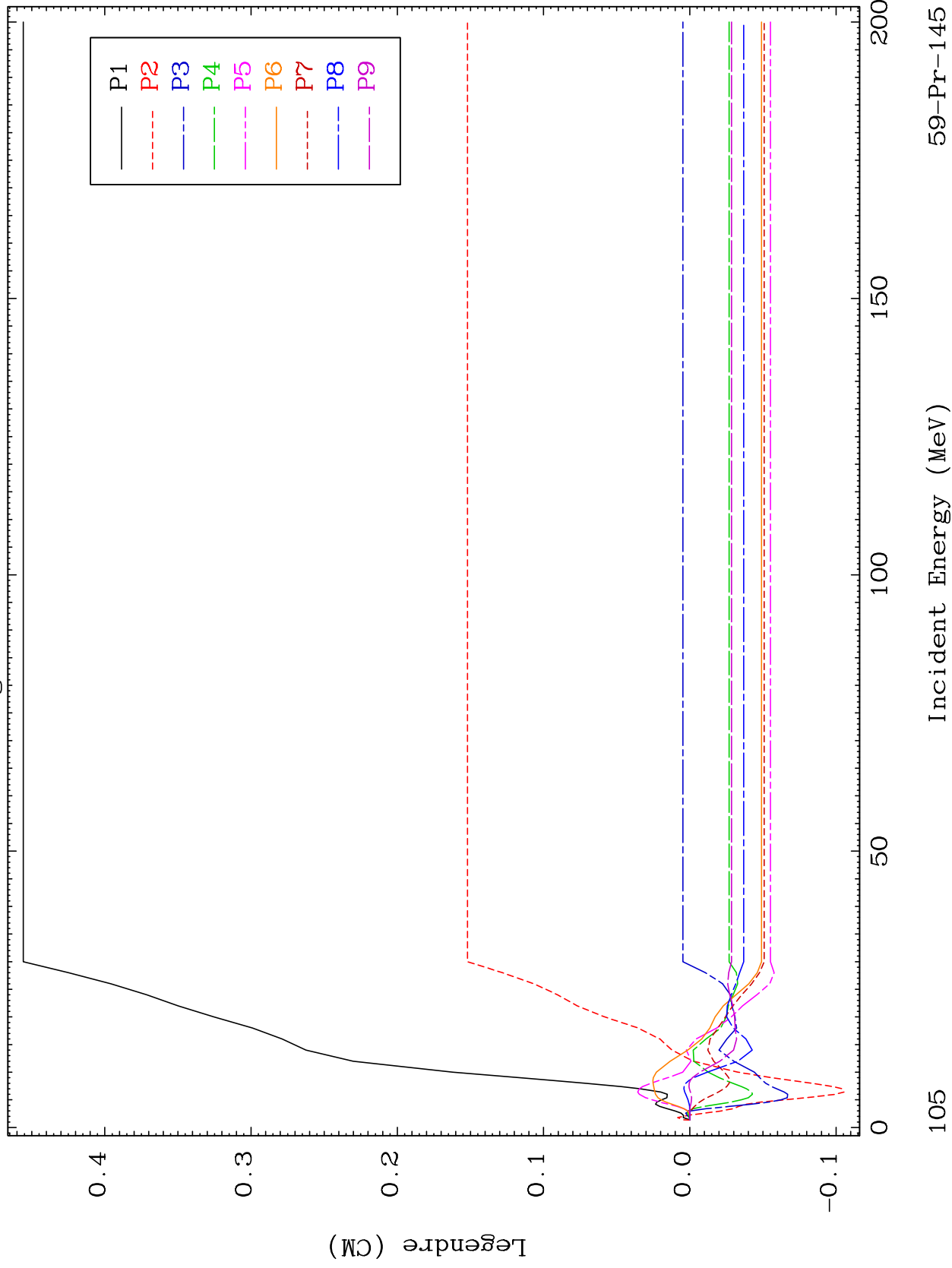
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



59-Pr-145

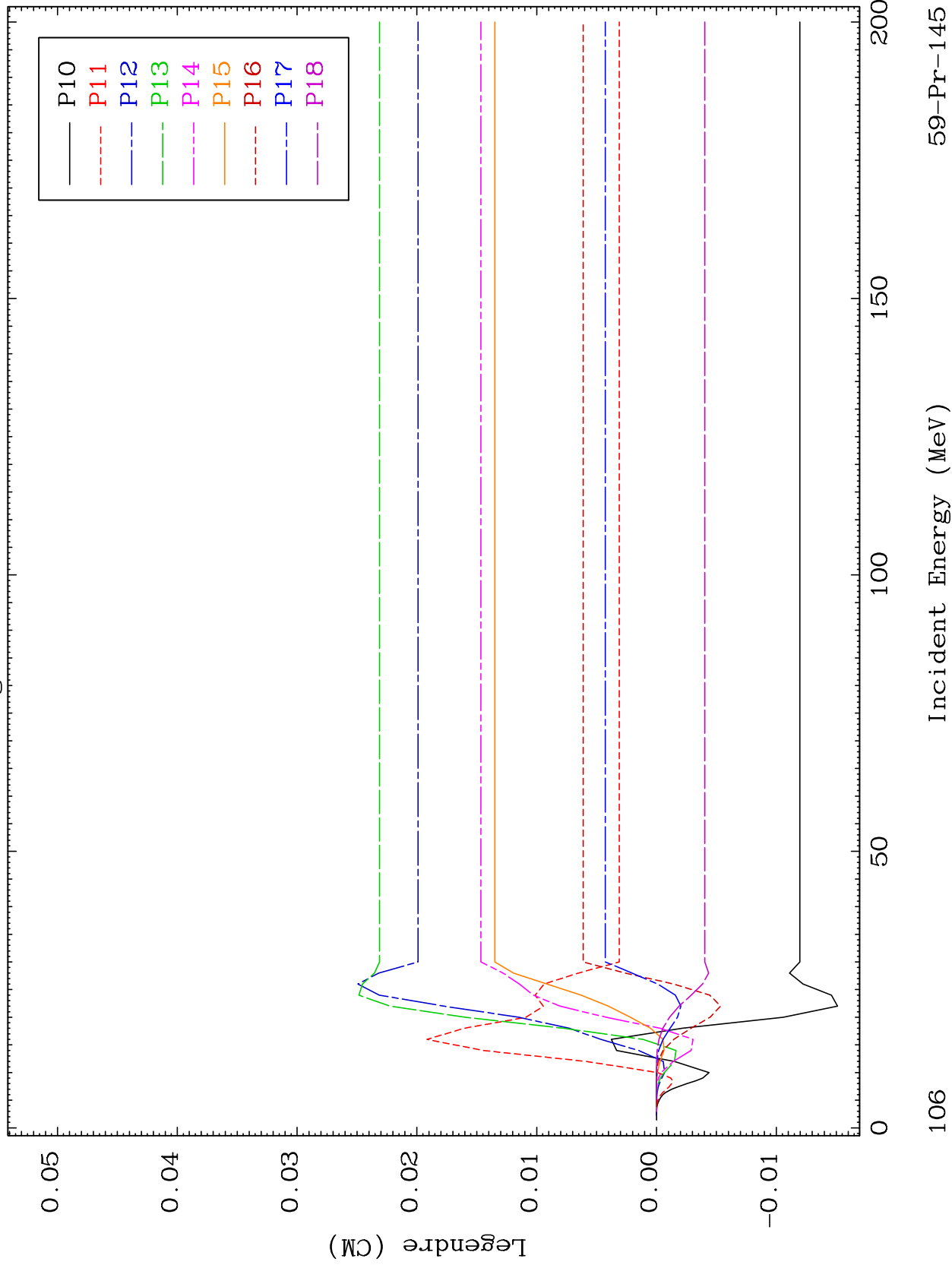
Incident Energy (MeV)

105

MAT 5937

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

59-Pr-145



59-Pr-145

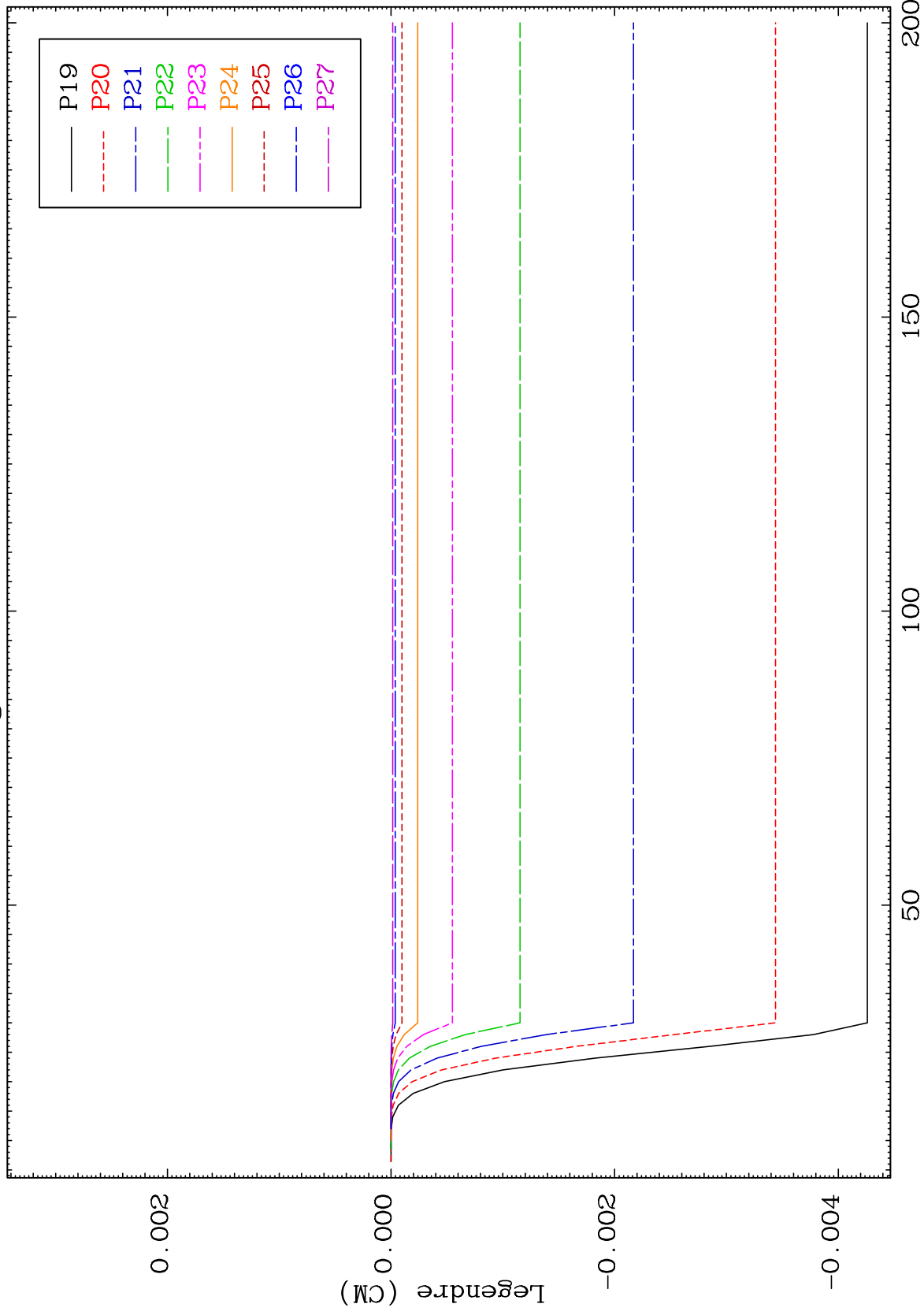
Incident Energy (MeV)

106

MAT 5937

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

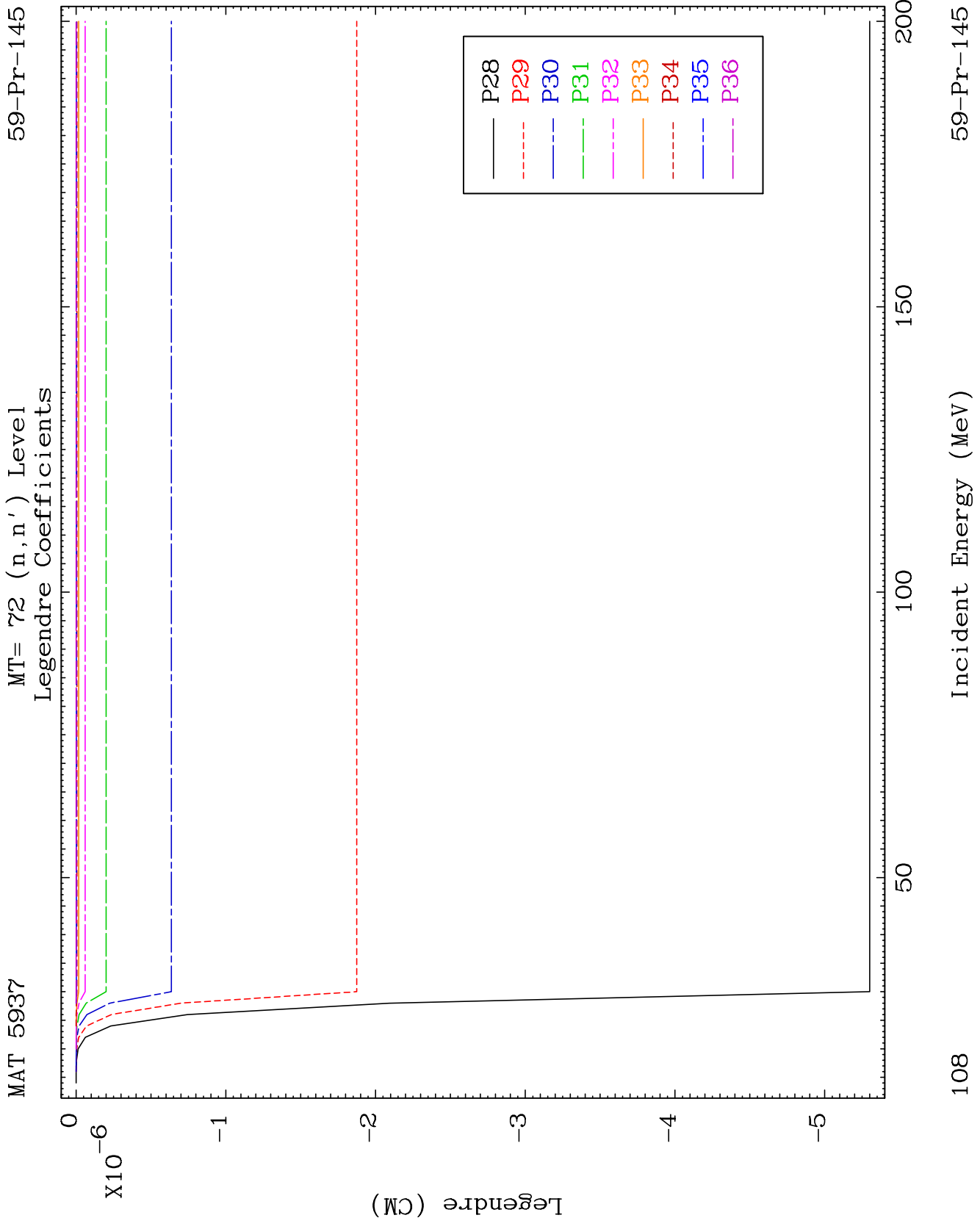
59-Pr-145



107

Incident Energy (MeV)

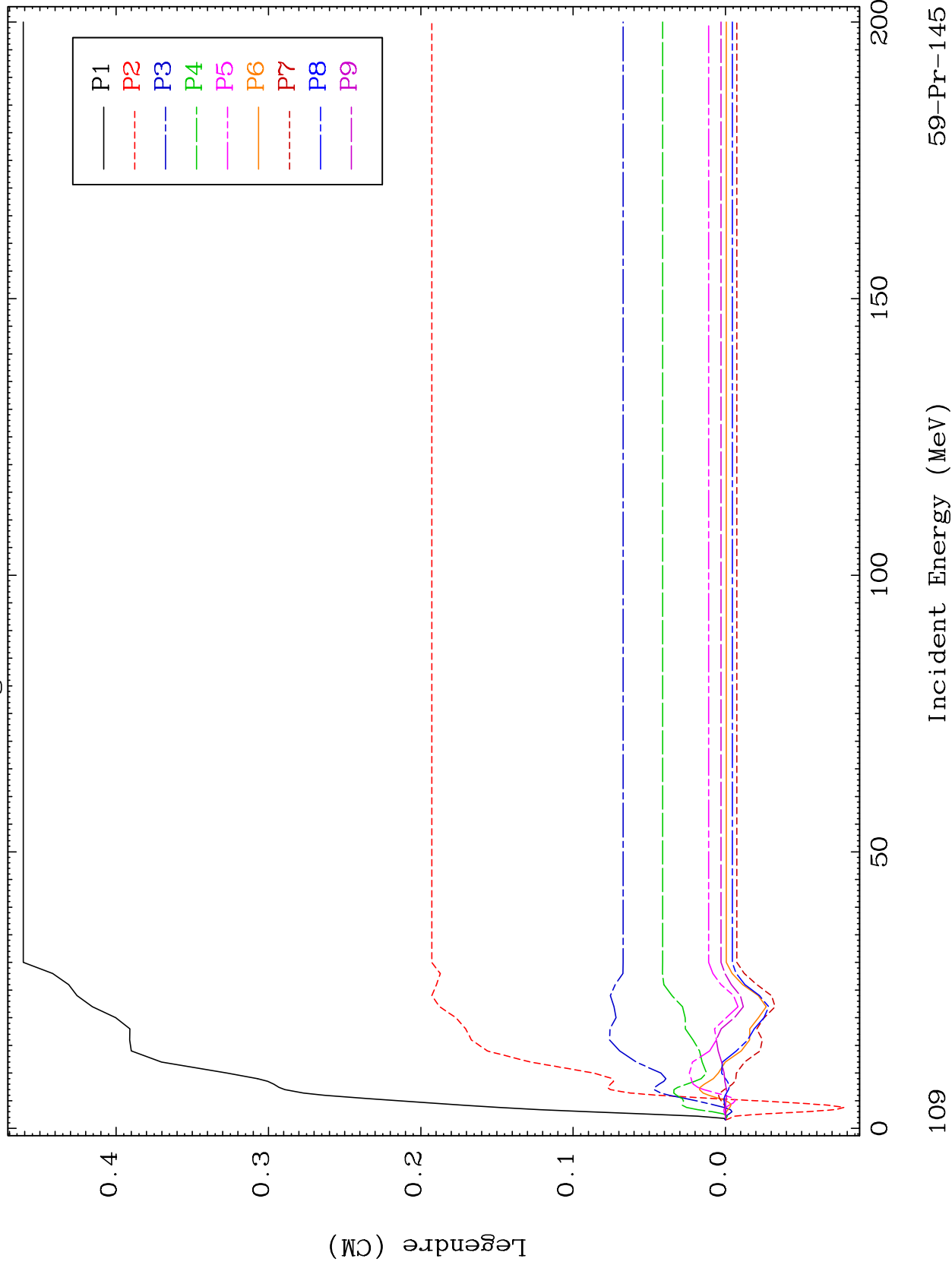
59-Pr-145



MAT 5937

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

59-Pr-145



59-Pr-145

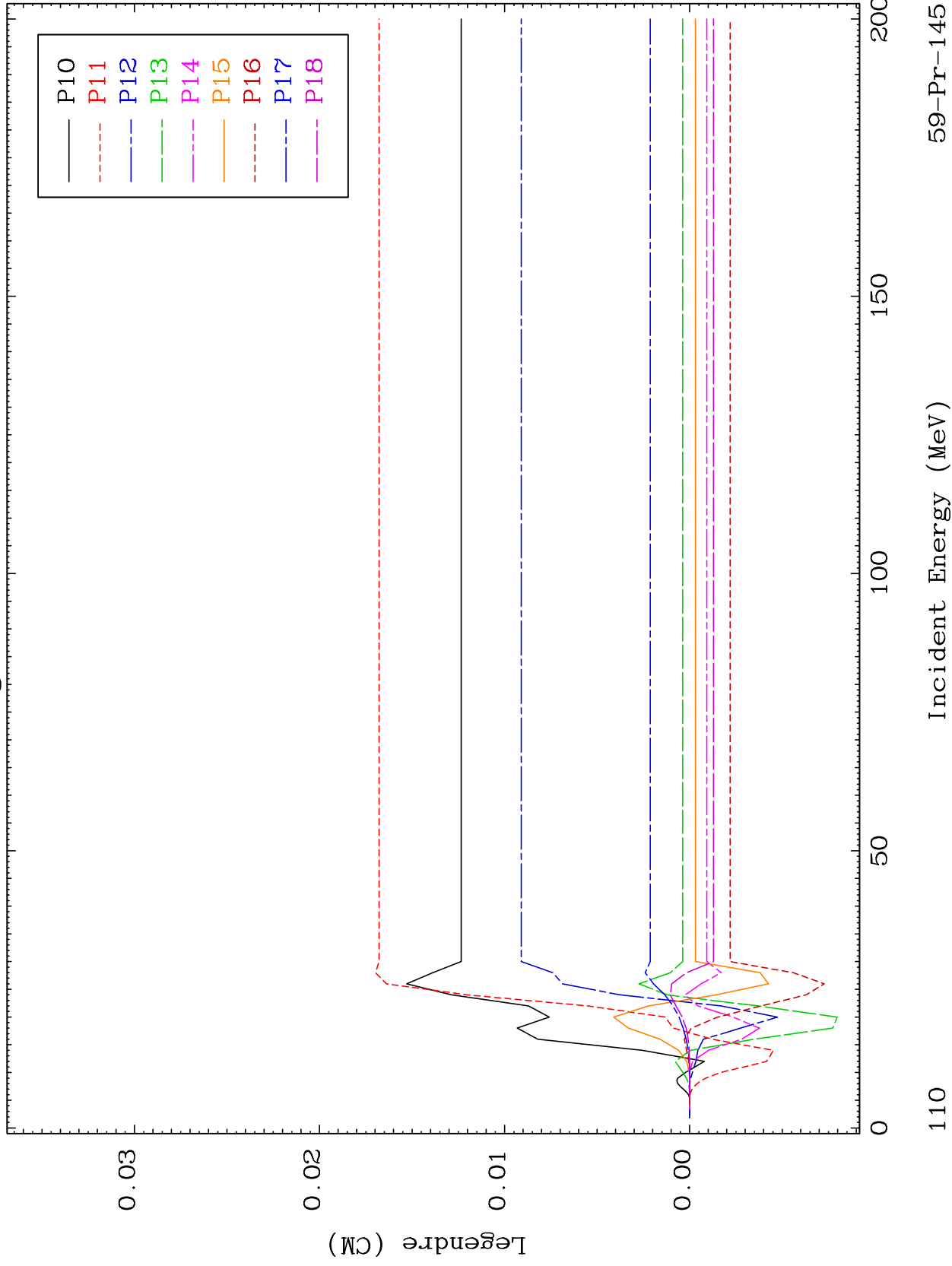
Incident Energy (MeV)

109

MAT 5937

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

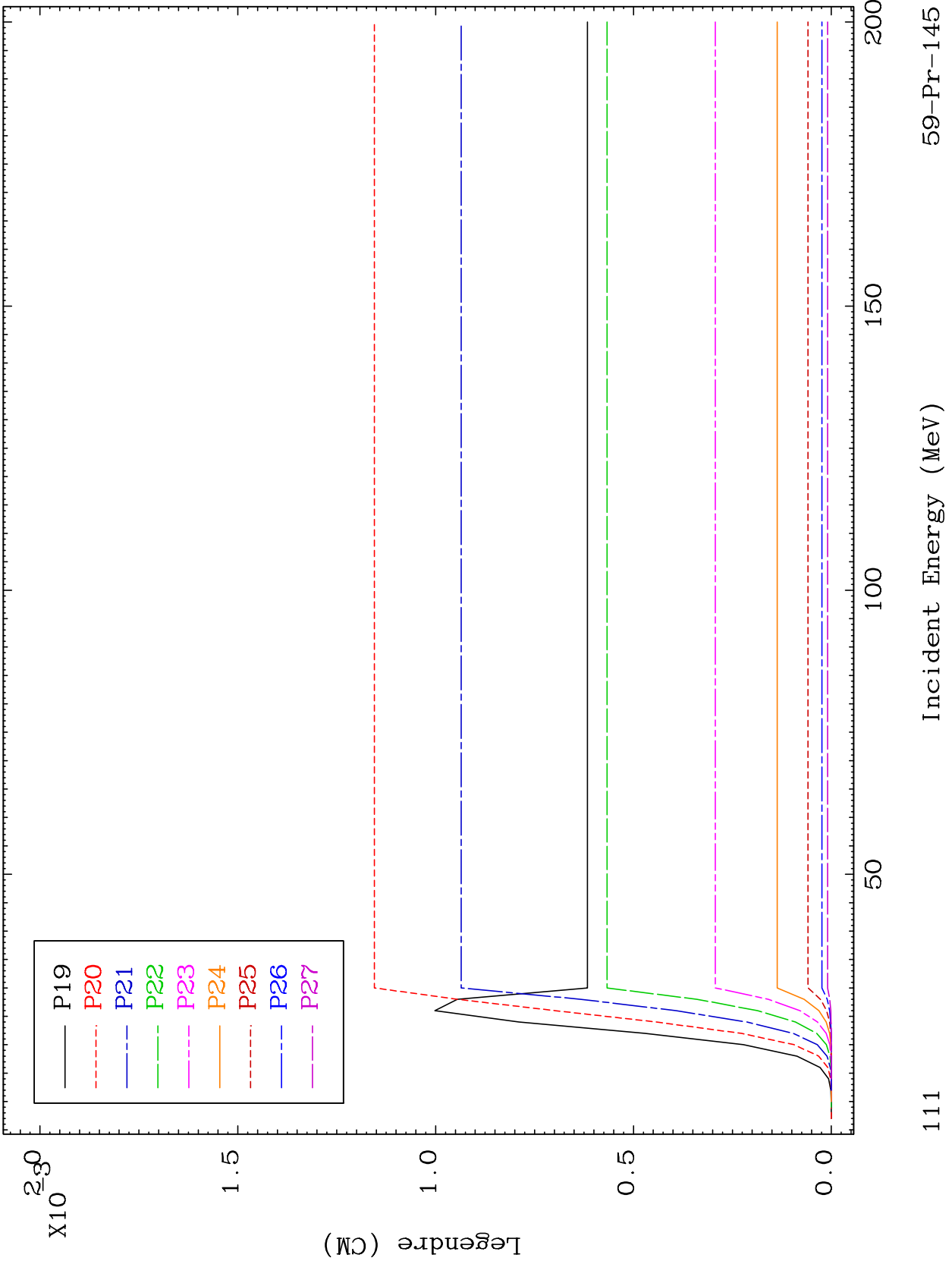
59-Pr-145



59-Pr-145

Incident Energy (MeV)

110

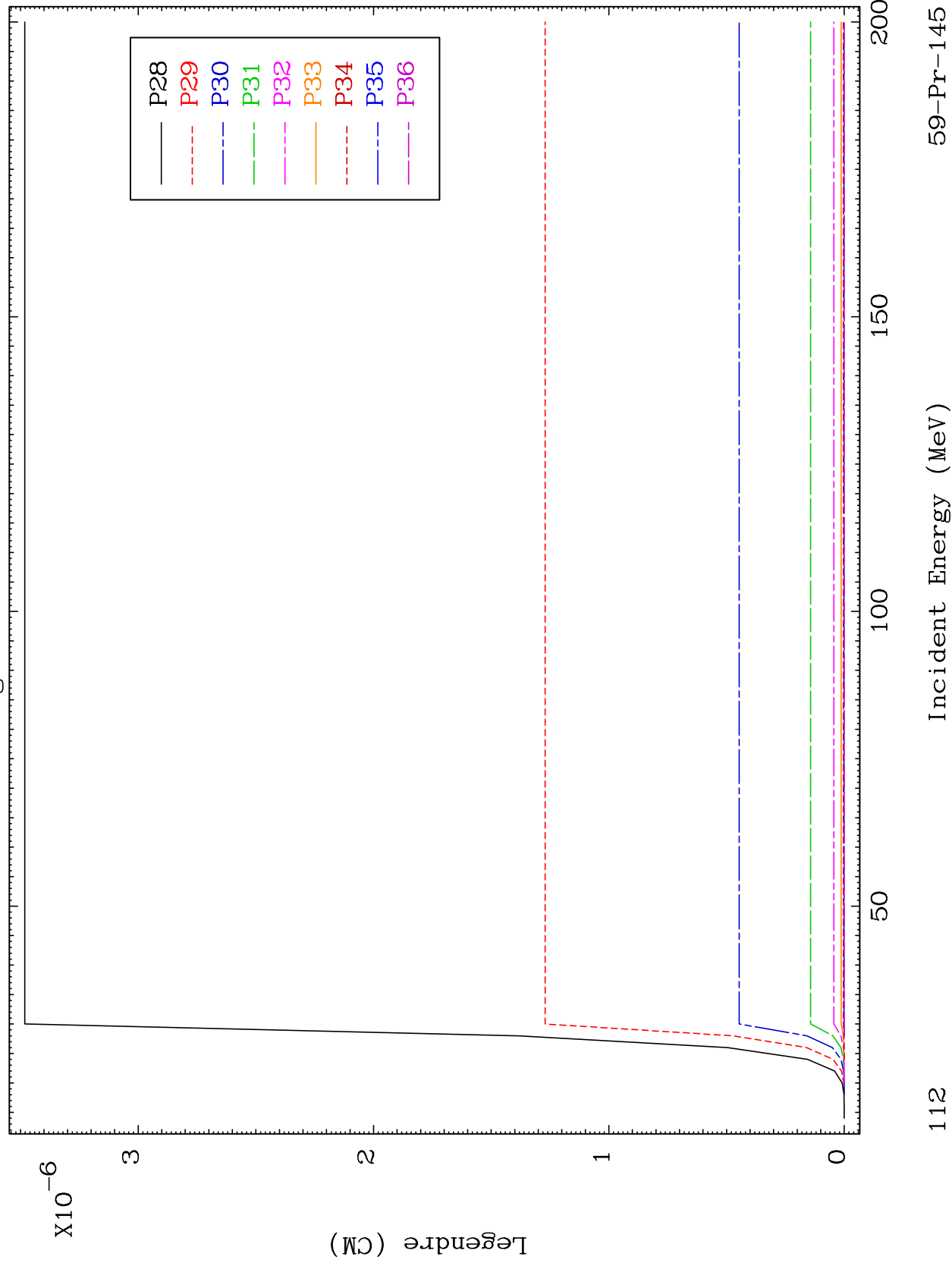




MAT 5937

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

59-Pr-145



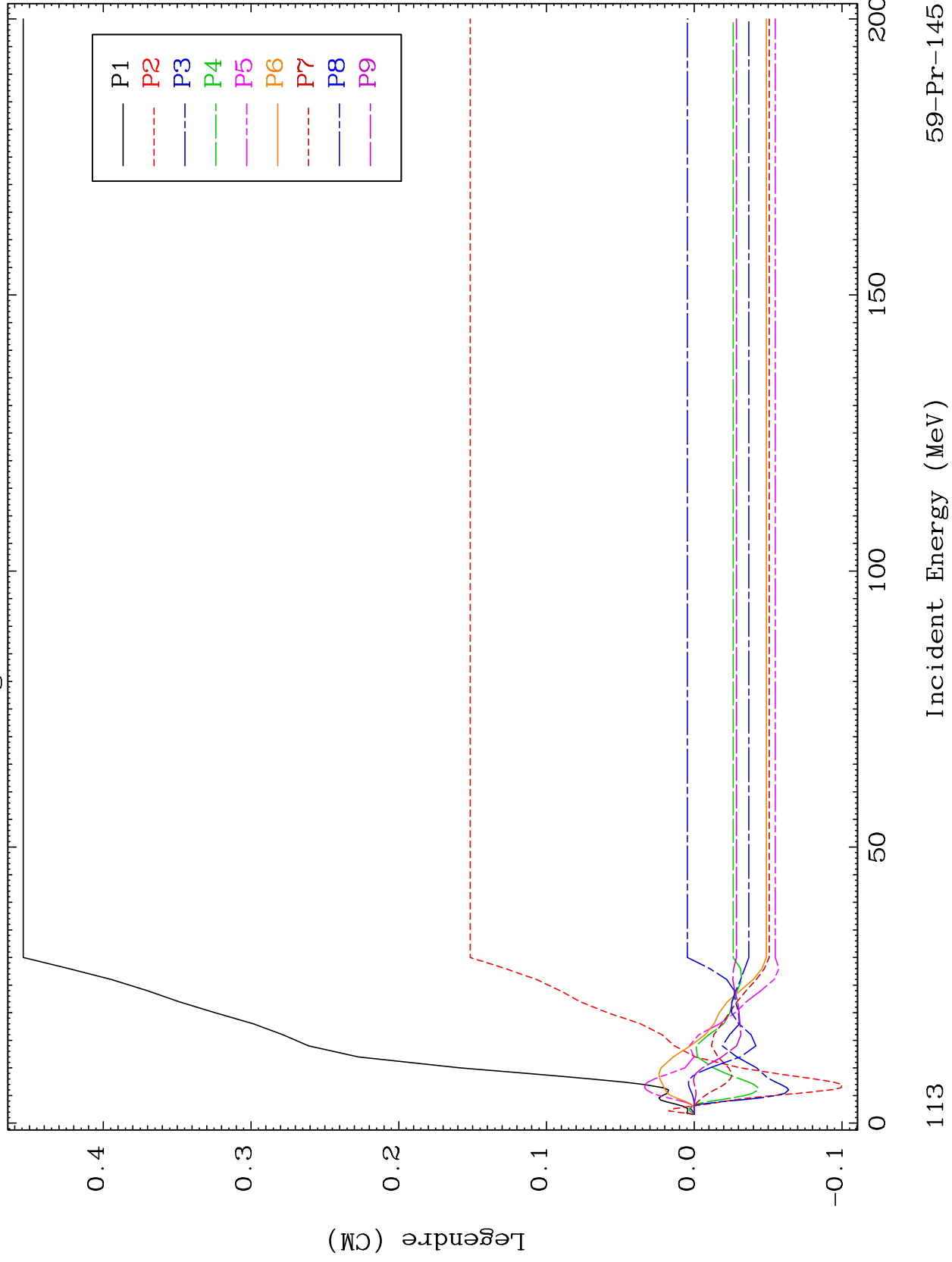
112

59-Pr-145

MAT 5937

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

59-Pr-145



59-Pr-145

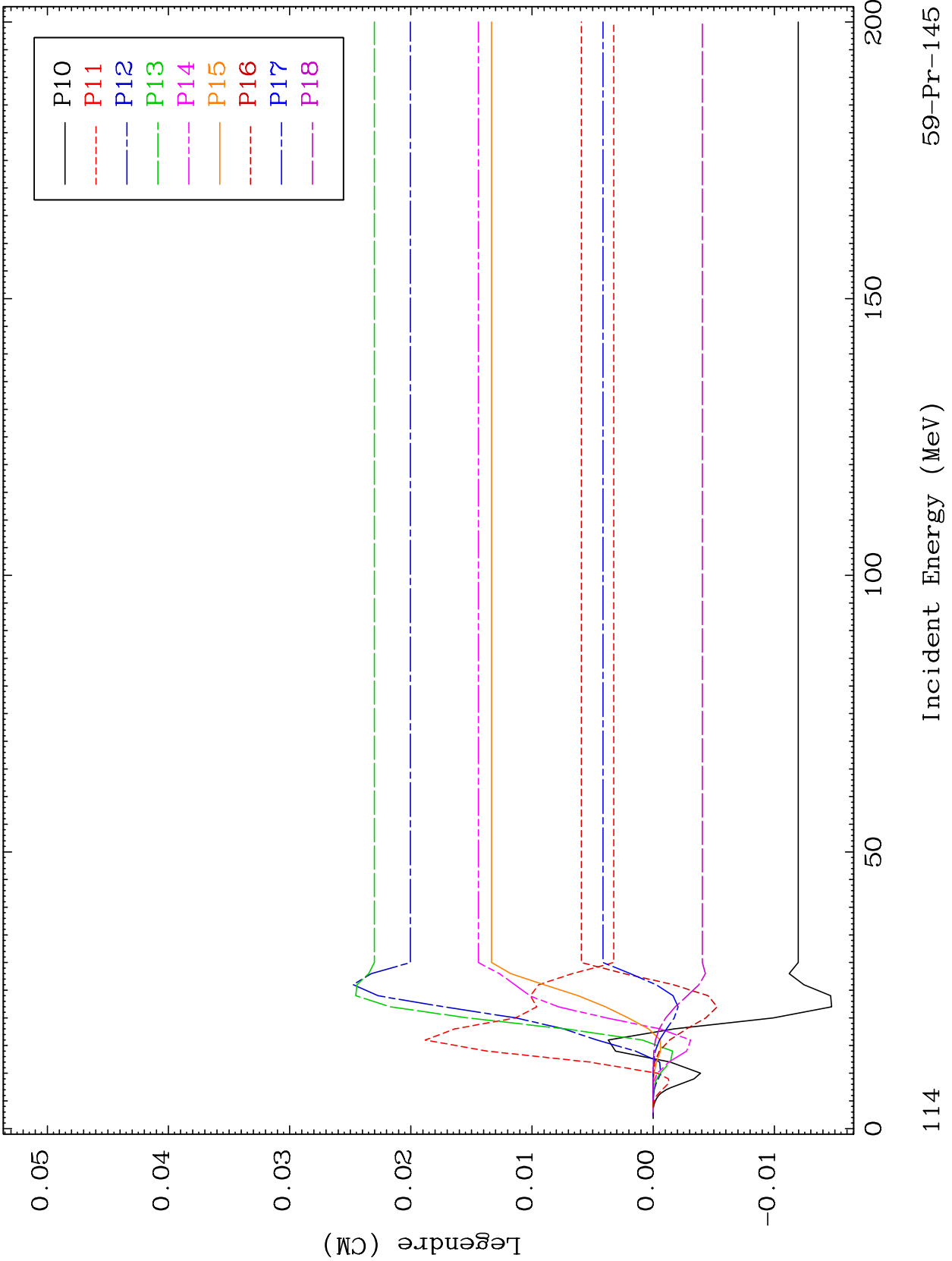
Incident Energy (MeV)

113

MAT 5937

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

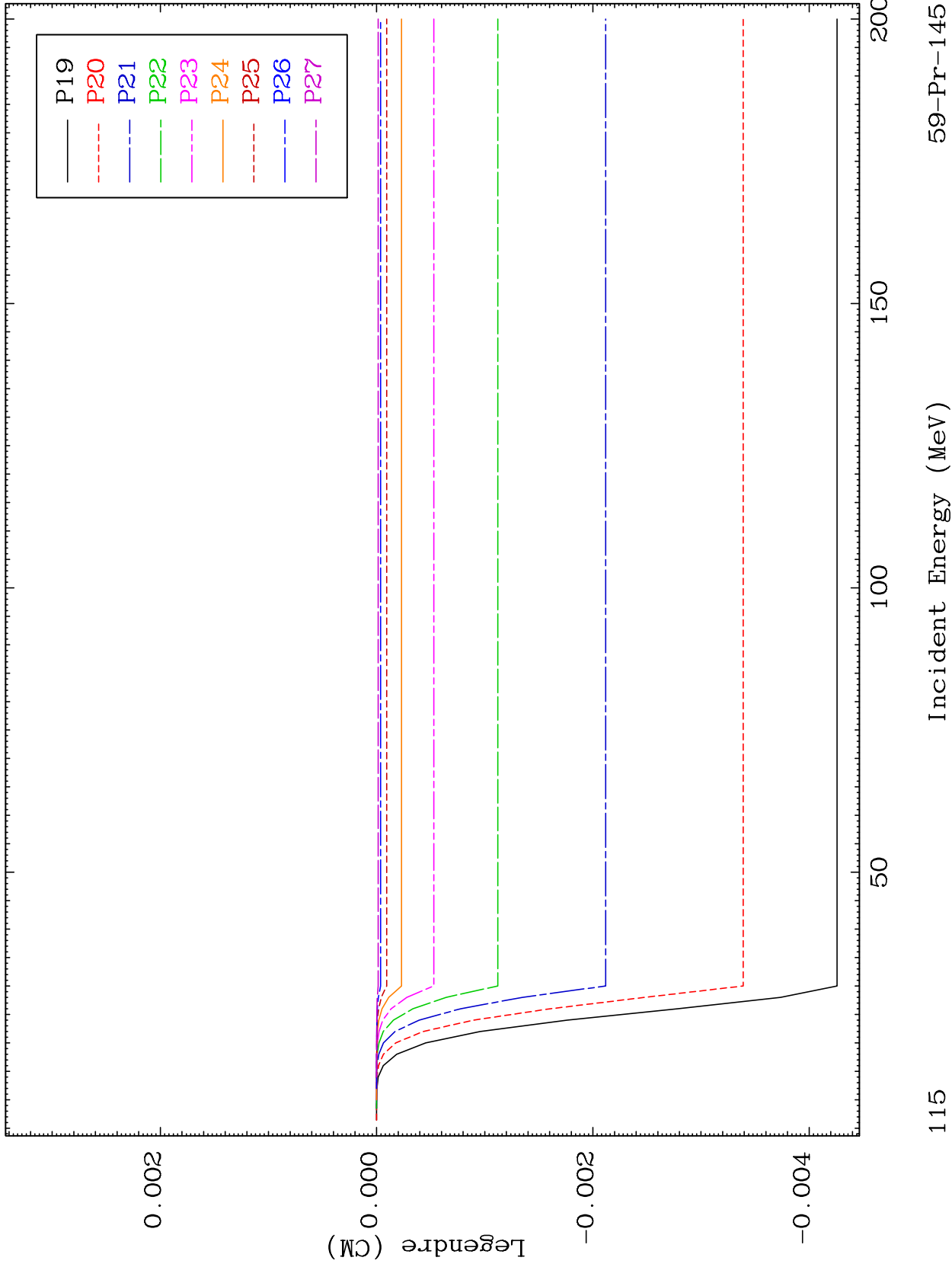
59-Pr-145



MAT 5937

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

59-Pr-145



115

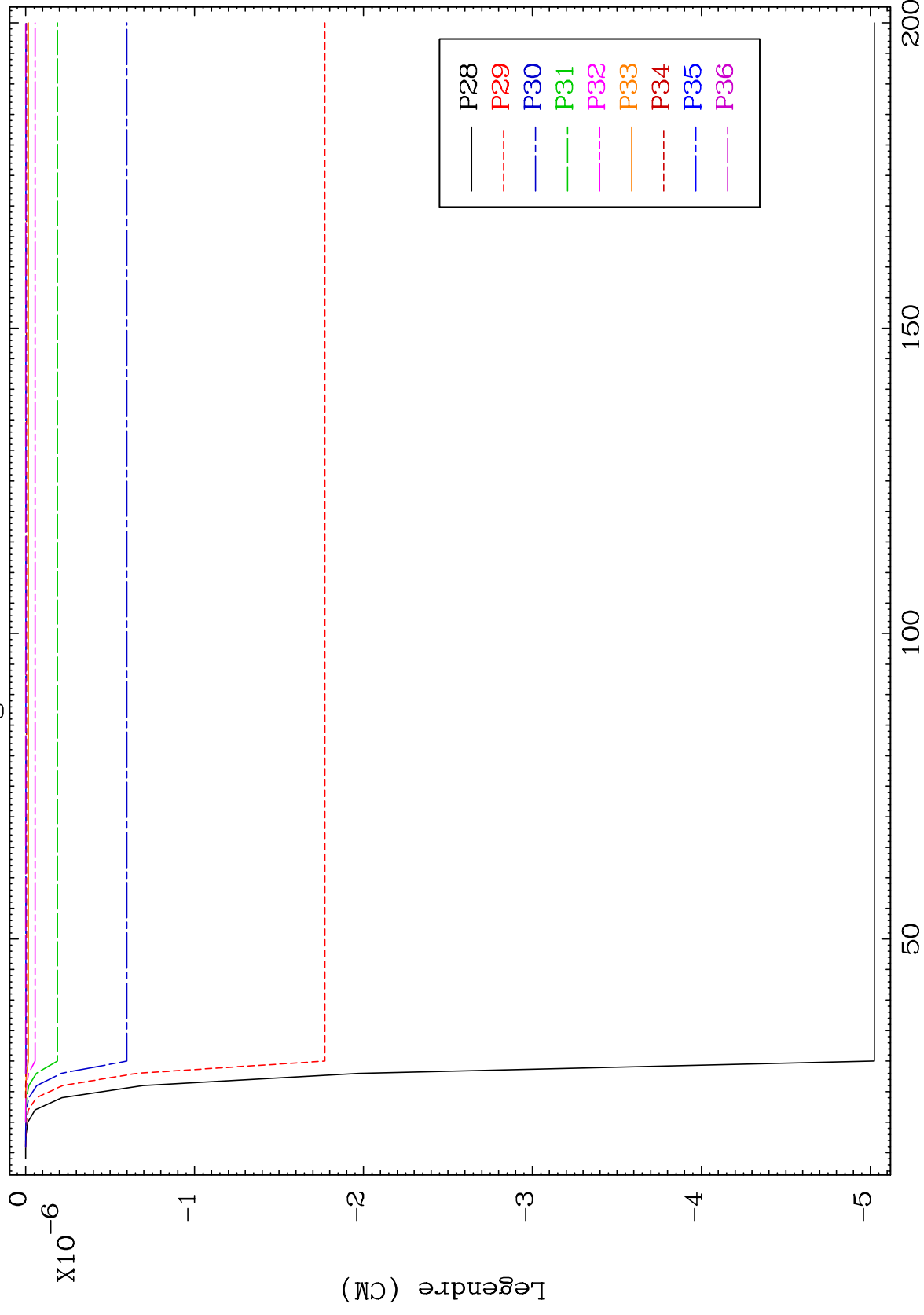
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



116

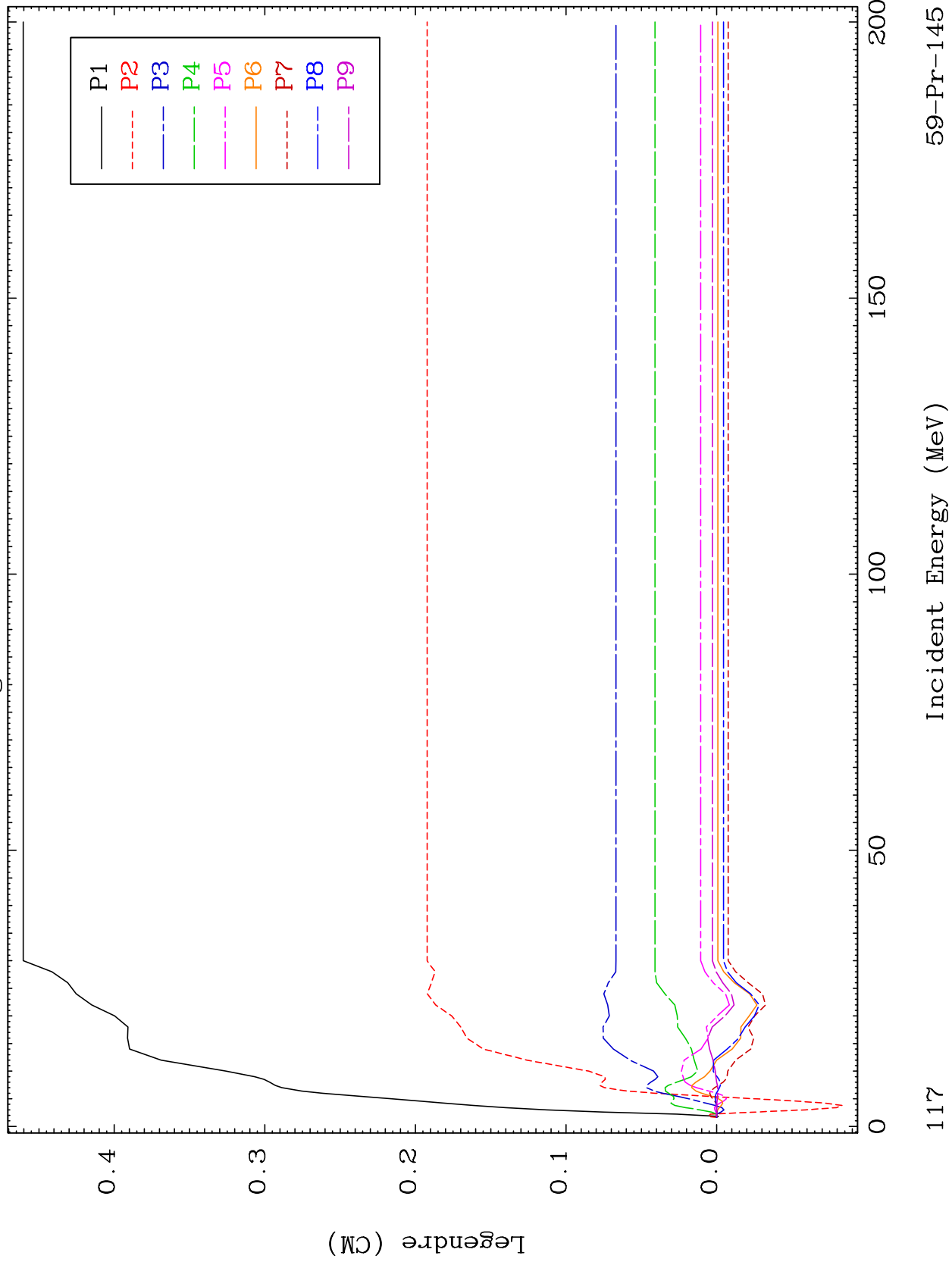
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



59-Pr-145

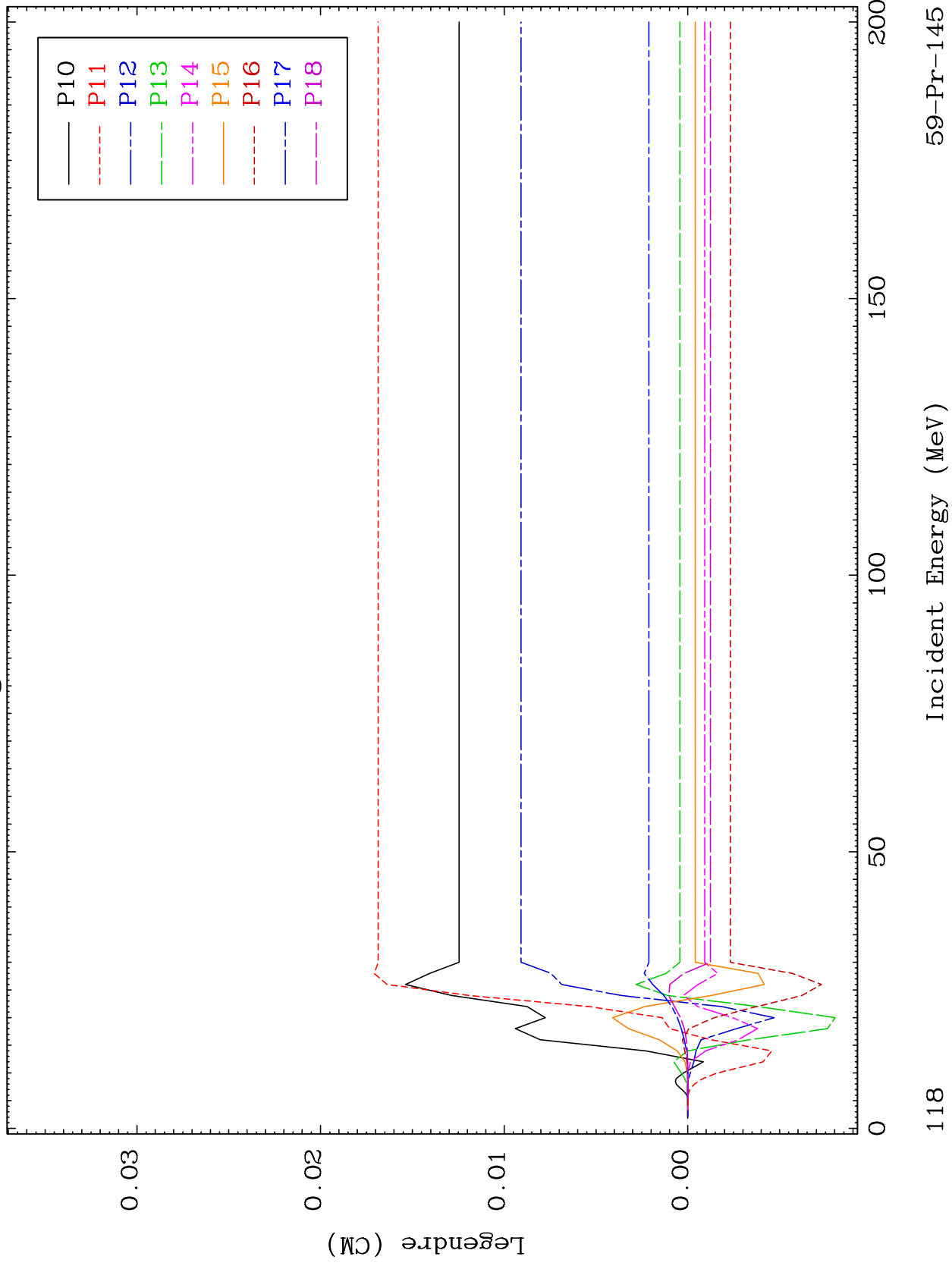
Incident Energy (MeV)

117

MAT 5937

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

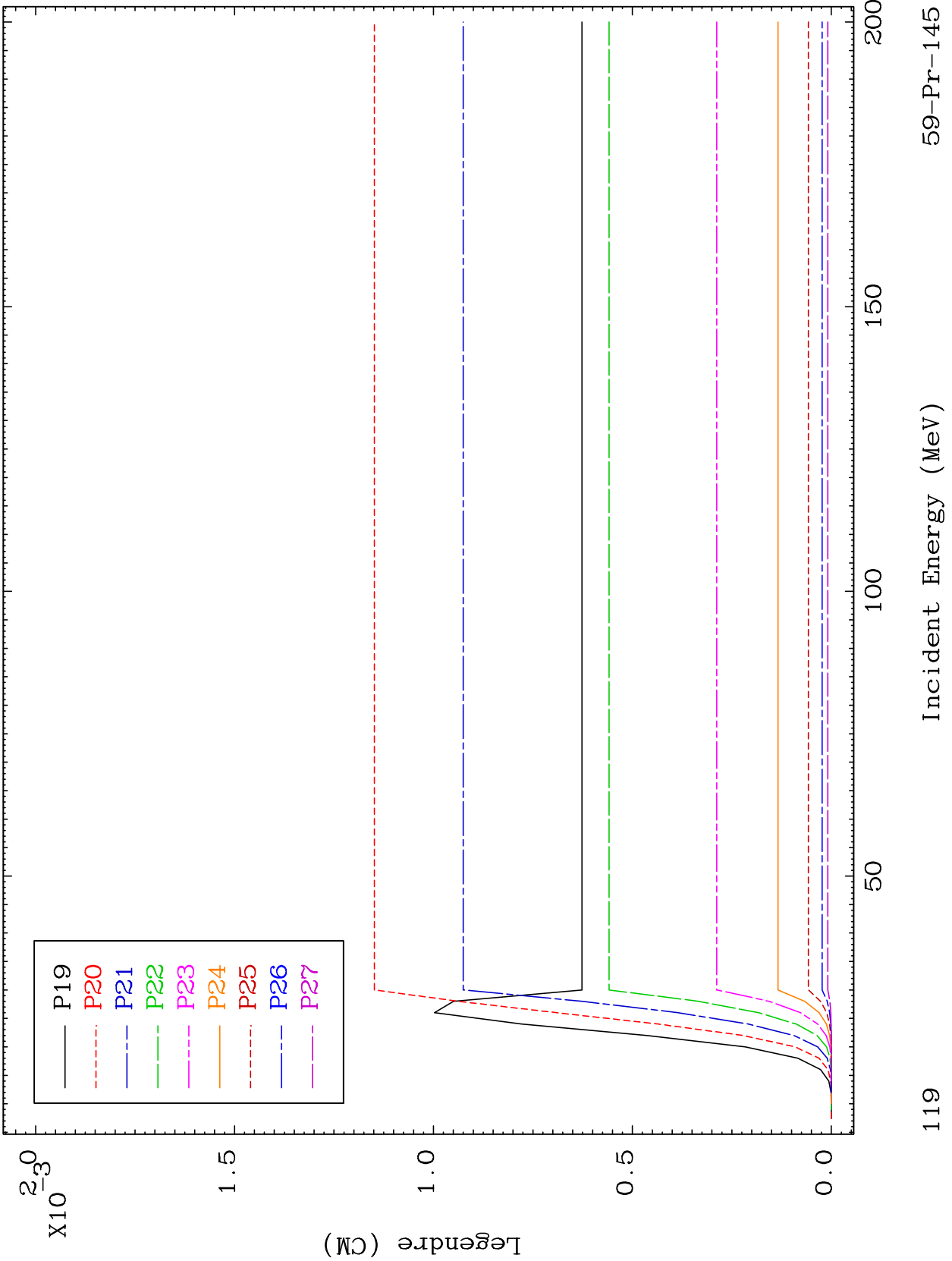
59-Pr-145



59-Pr-145

Incident Energy (MeV)

118

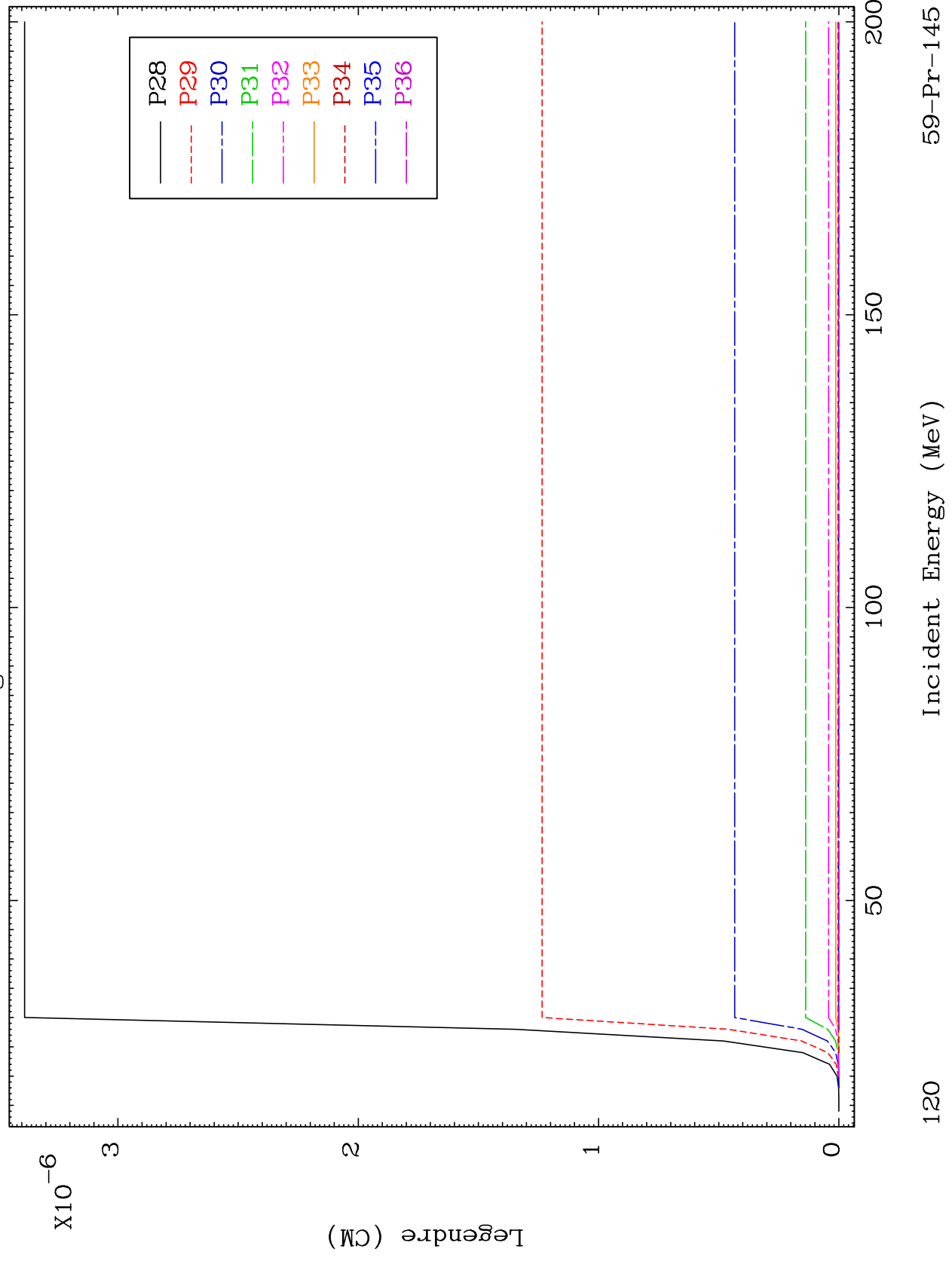




MAT 5937

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

59-Pr-145



120

50

100

150

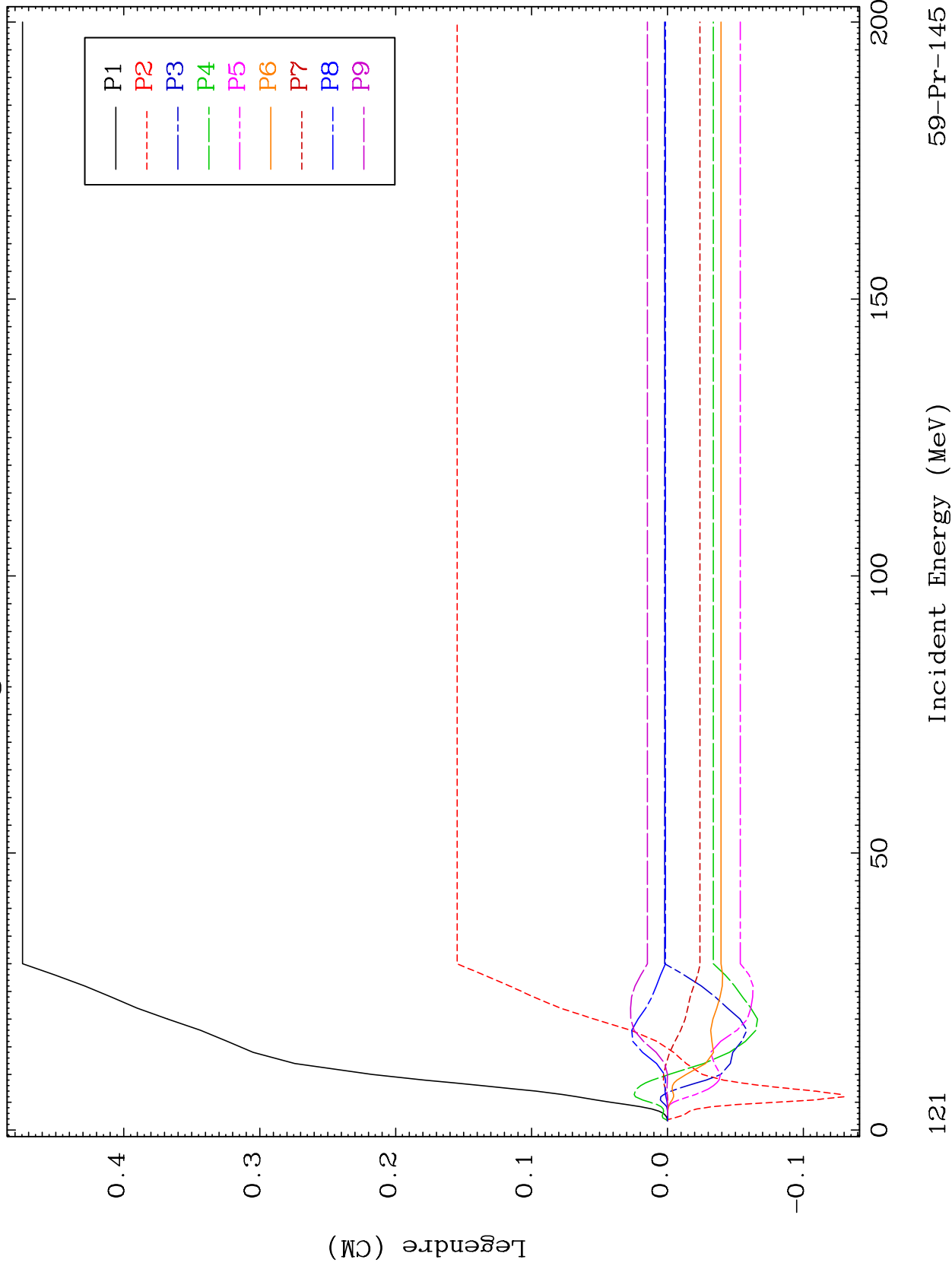
200

59-Pr-145

MAT 5937

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

59-Pr-145



59-Pr-145

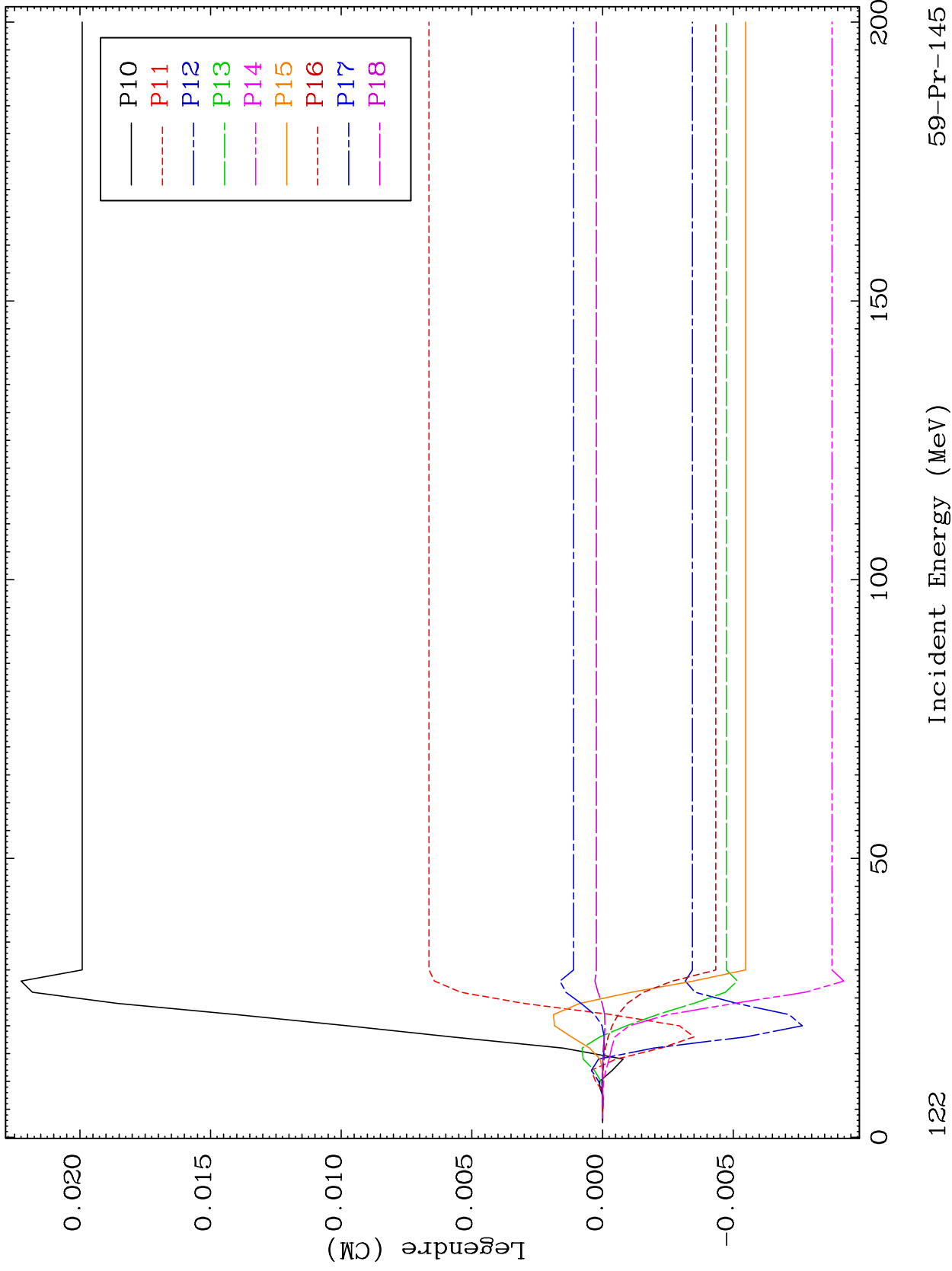
Incident Energy (MeV)

121

MAT 5937

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

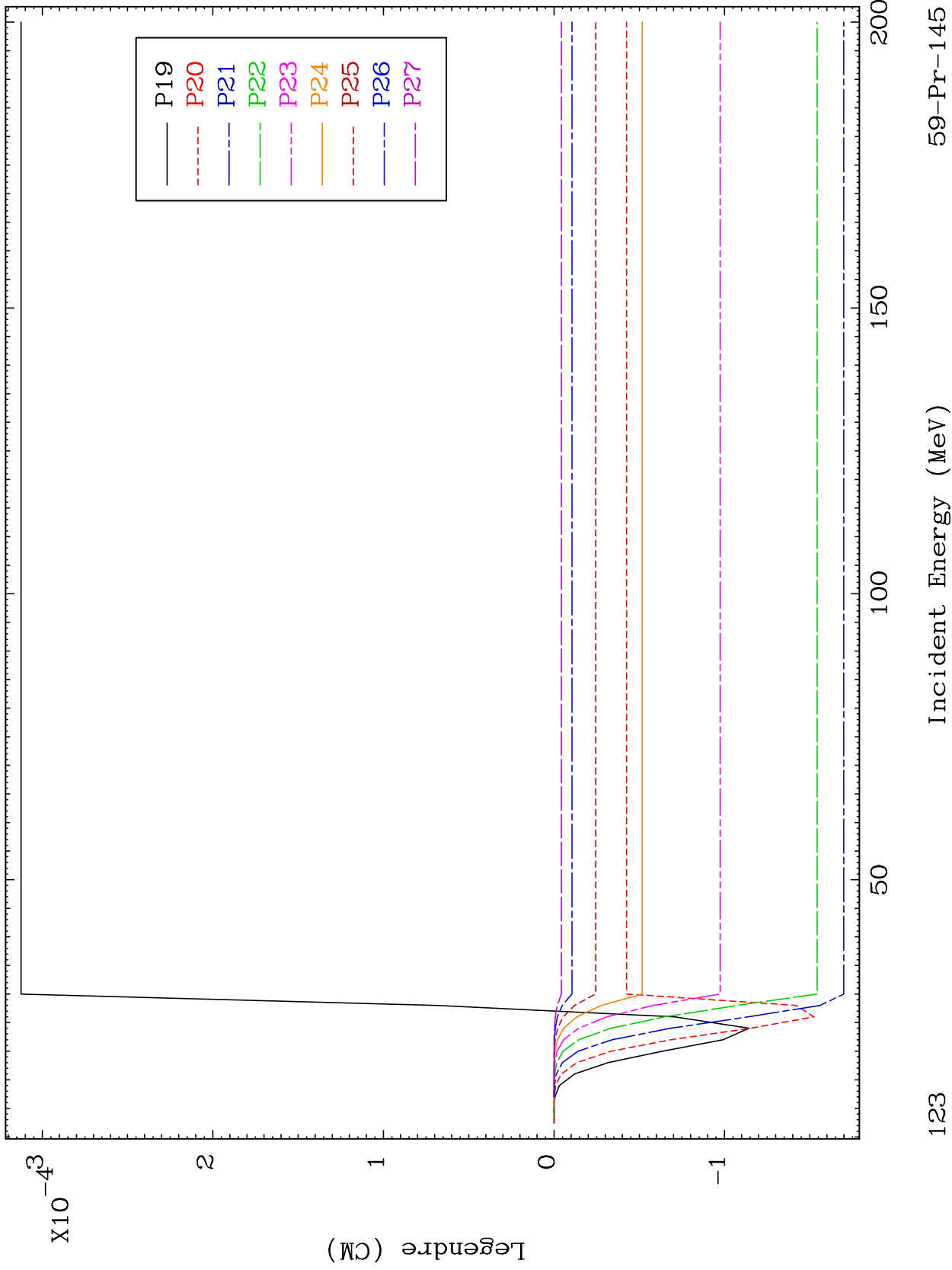
59-Pr-145

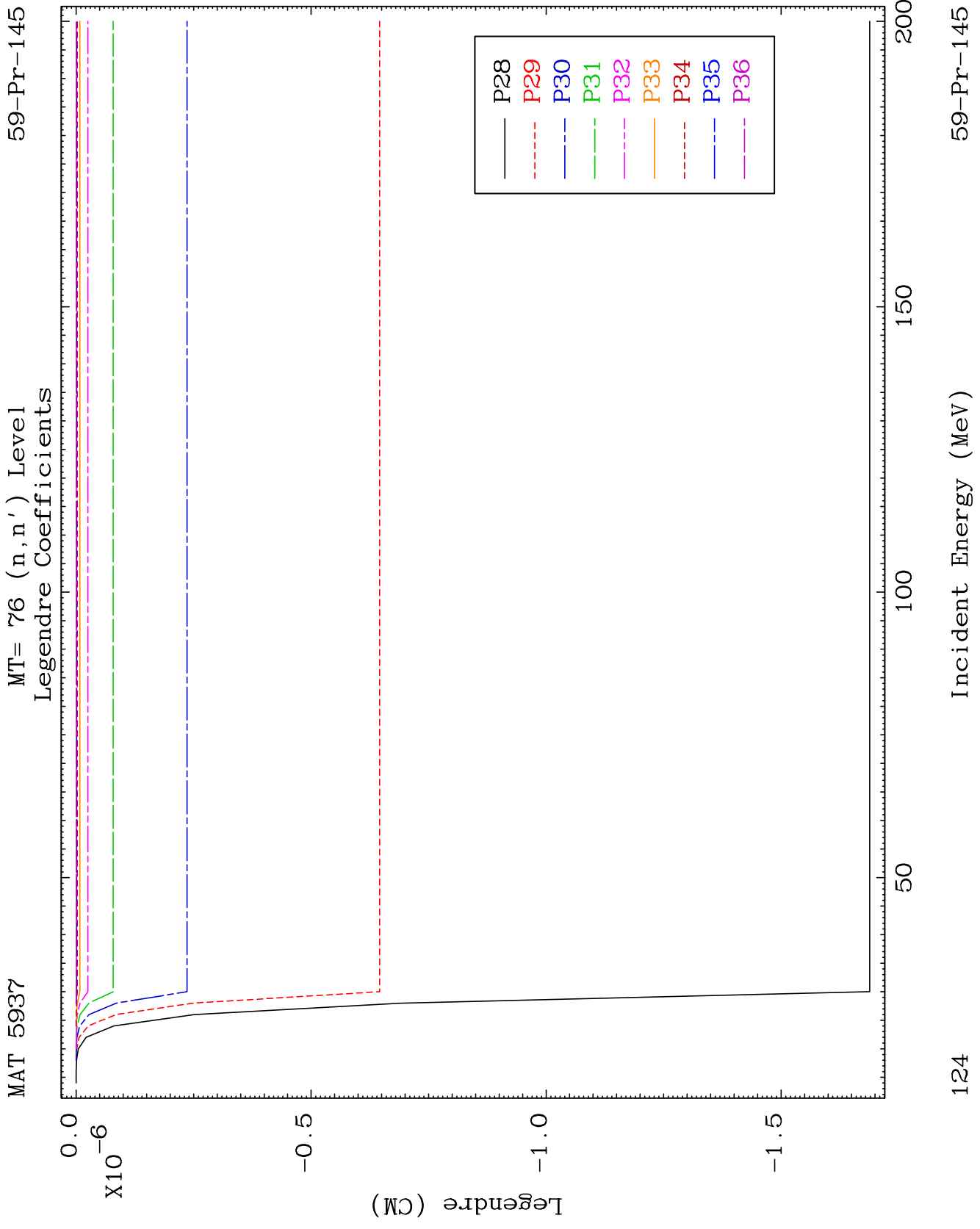


122

Incident Energy (MeV)

59-Pr-145

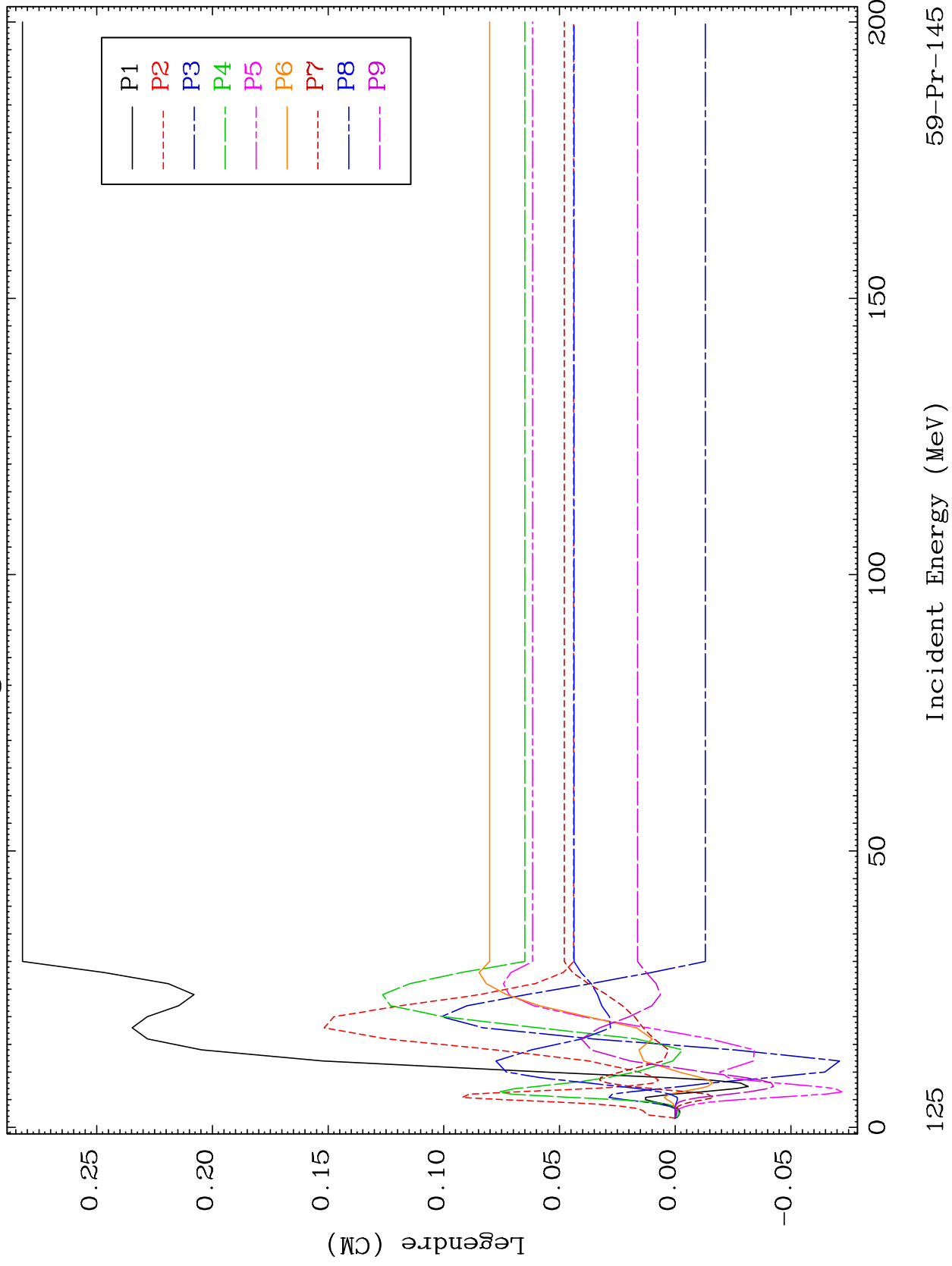




MAT 5937

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

59-Pr-145



59-Pr-145

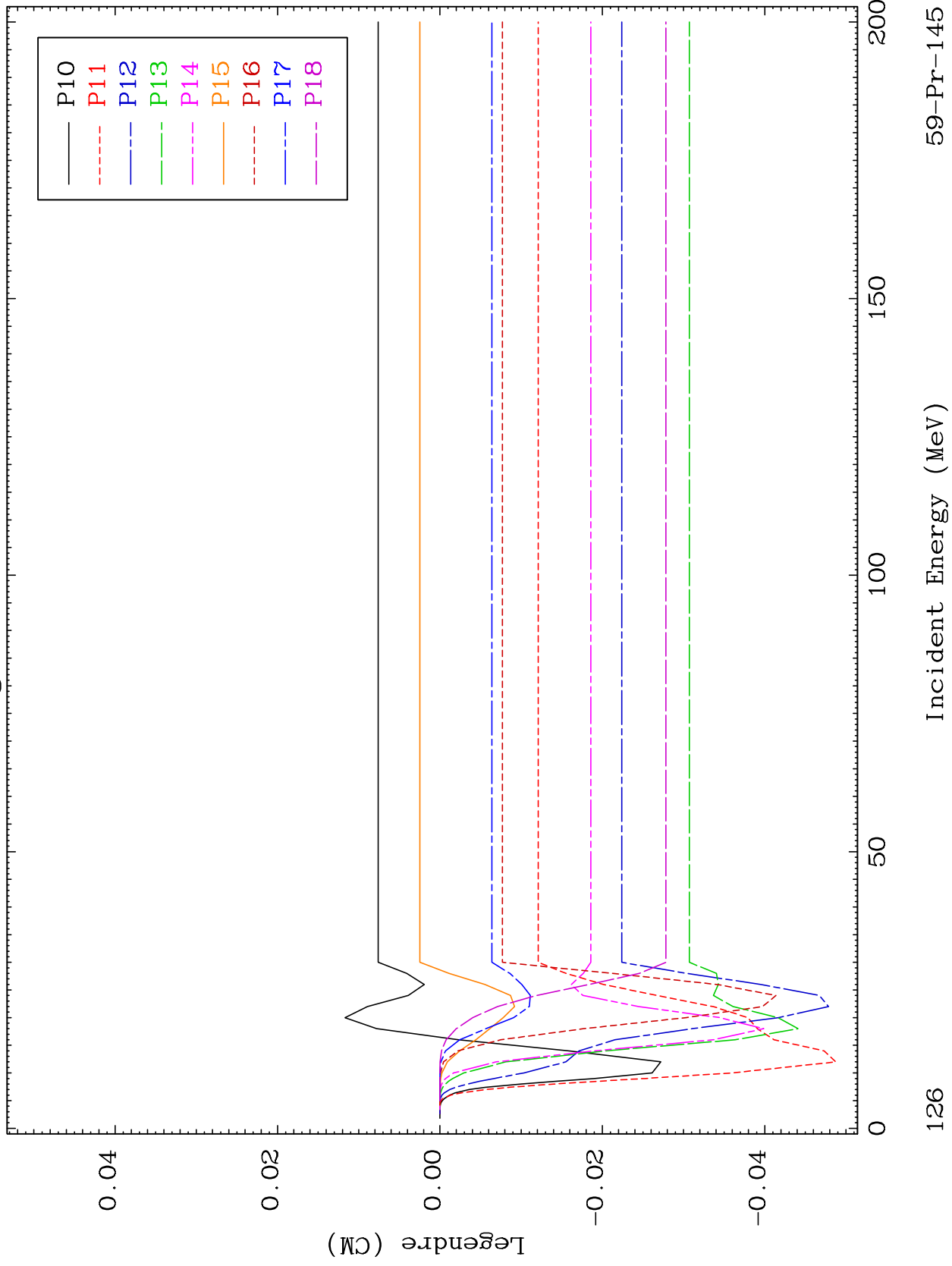
Incident Energy (MeV)

125

MAT 5937

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

59-Pr-145



126

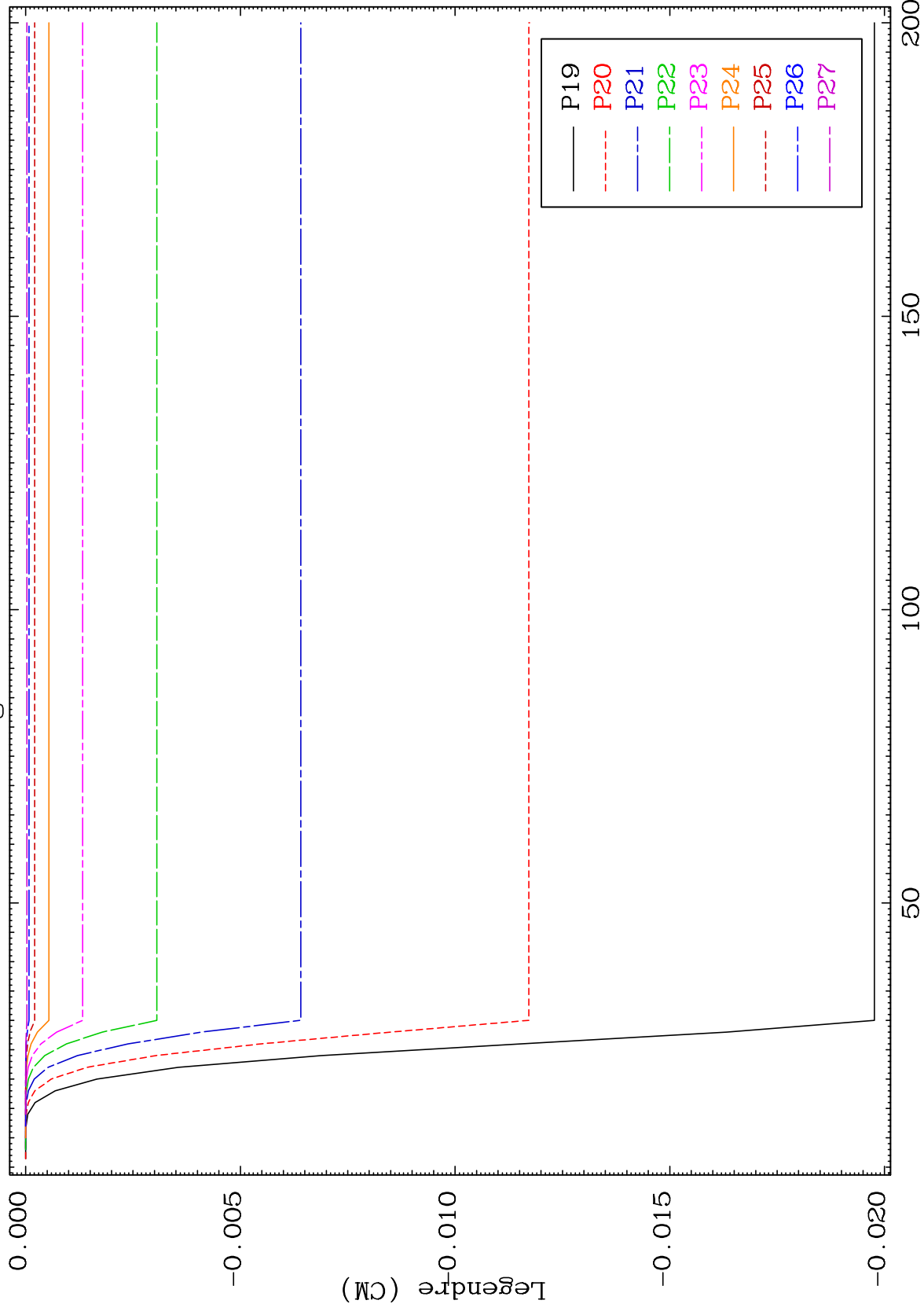
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145

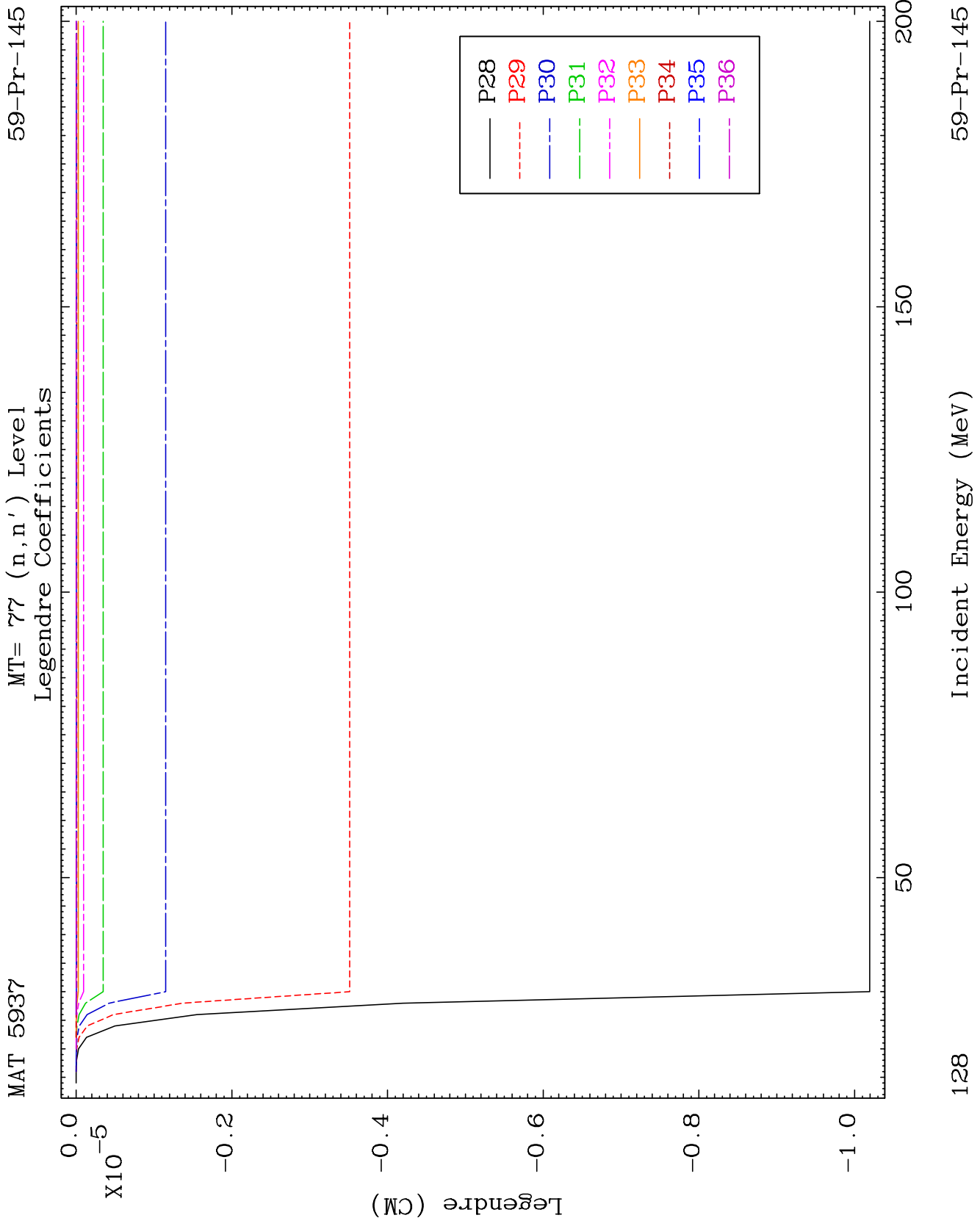


127

Incident Energy (MeV)

59-Pr-145

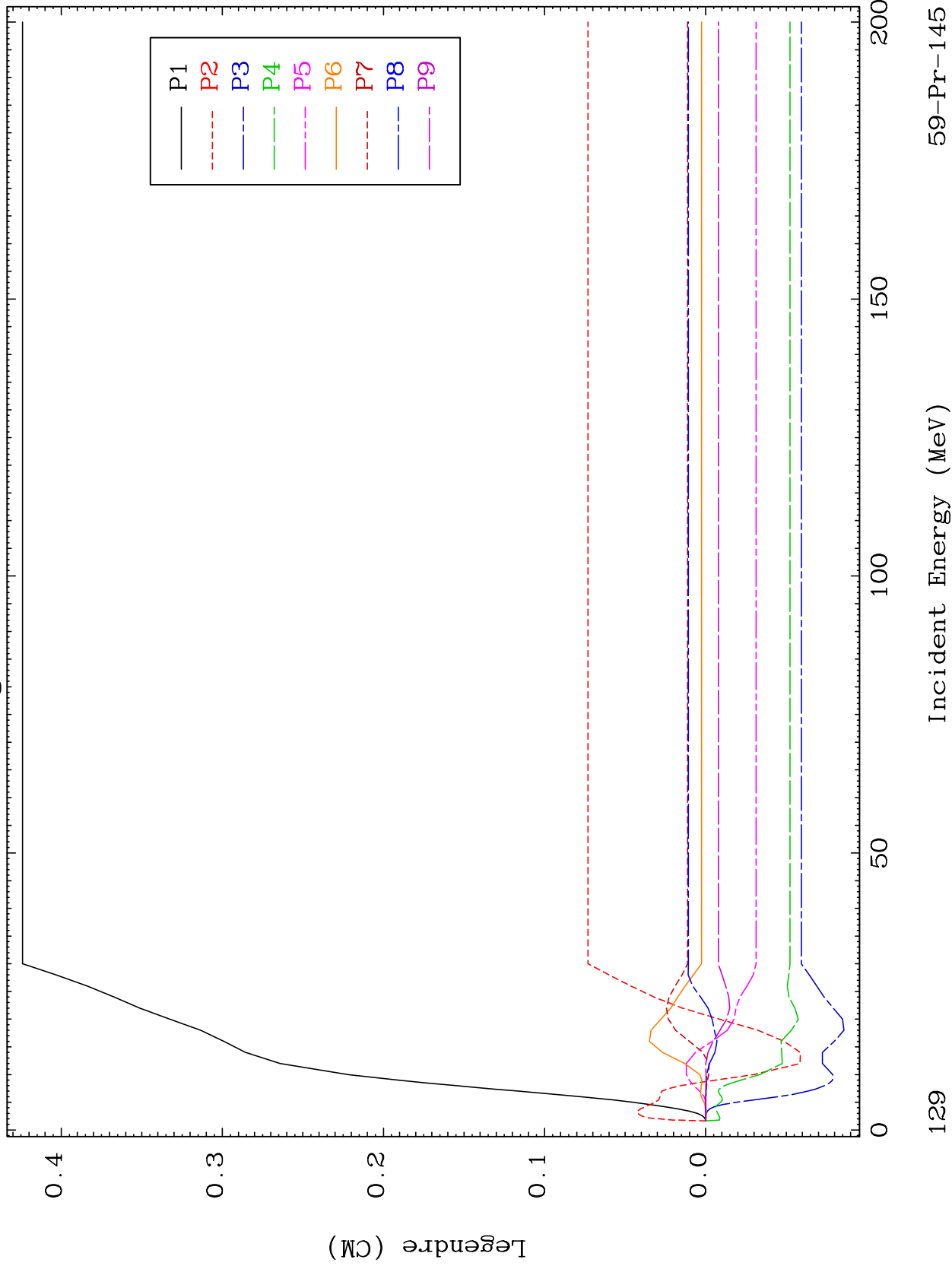




MAT 5937

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

59-Pr-145



59-Pr-145

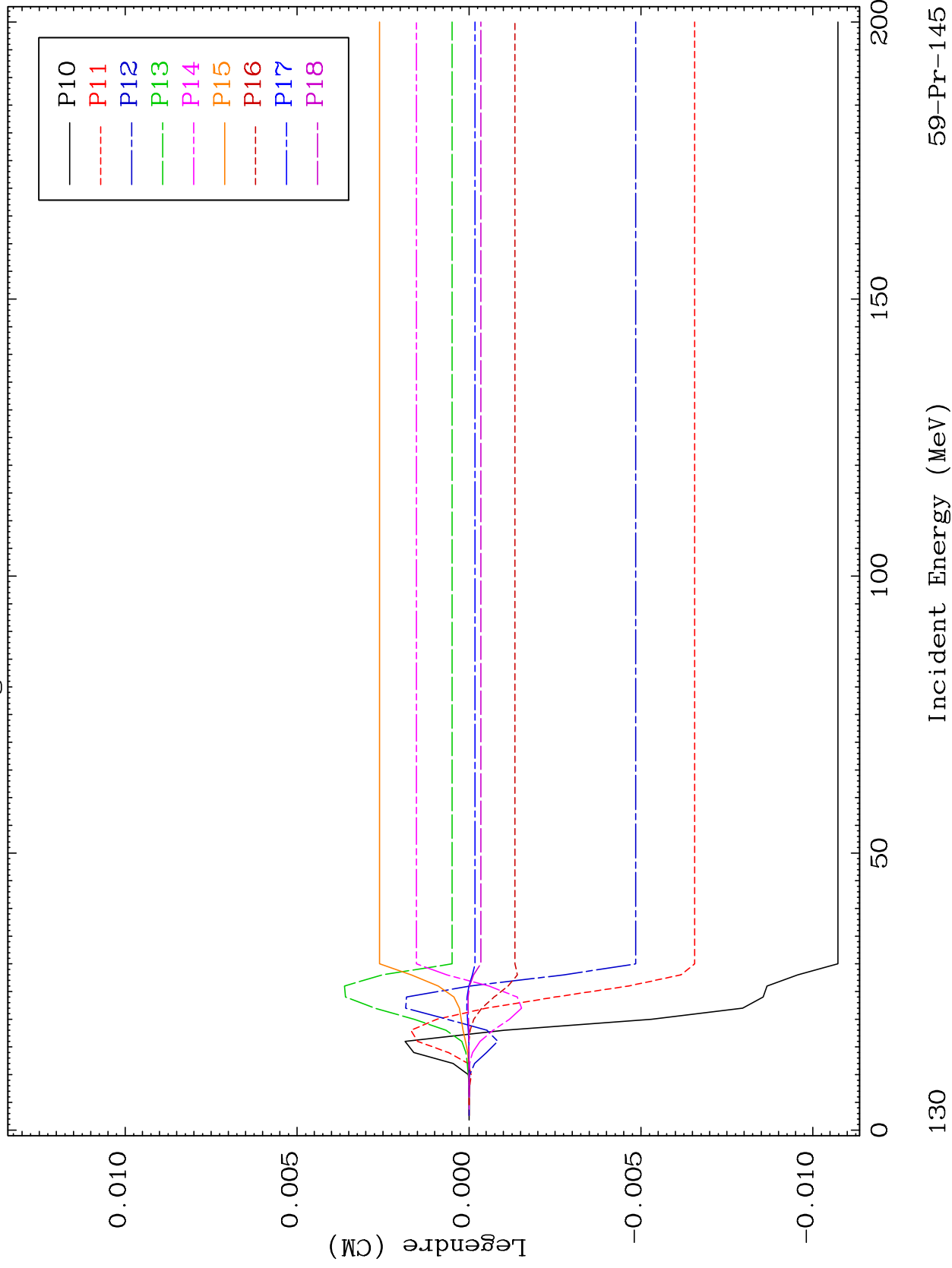
Incident Energy (MeV)

129

MAT 5937

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

59-Pr-145



130

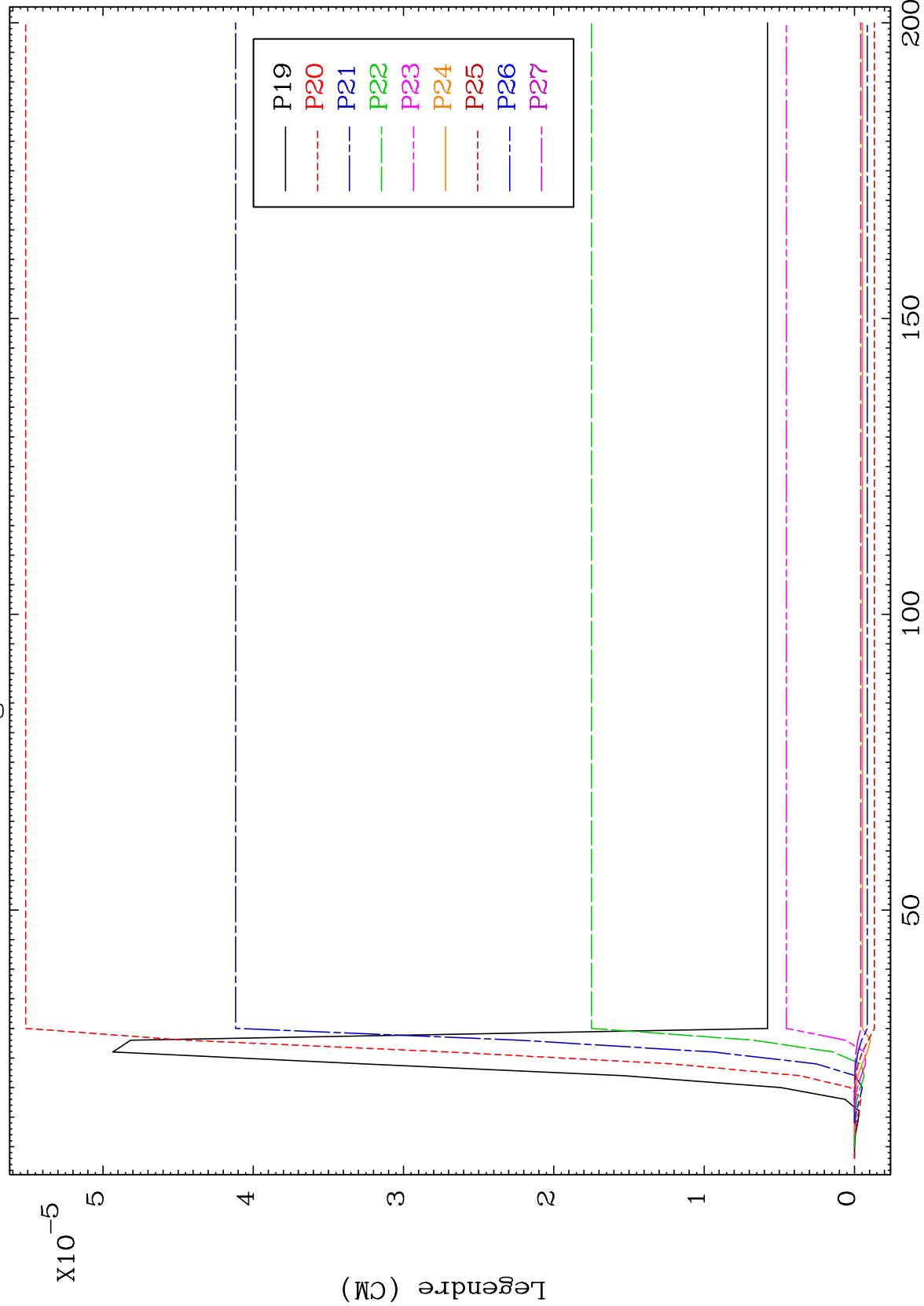
Incident Energy (MeV)

59-Pr-145

MAT 5937

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

59-Pr-145



131

Incident Energy (MeV)

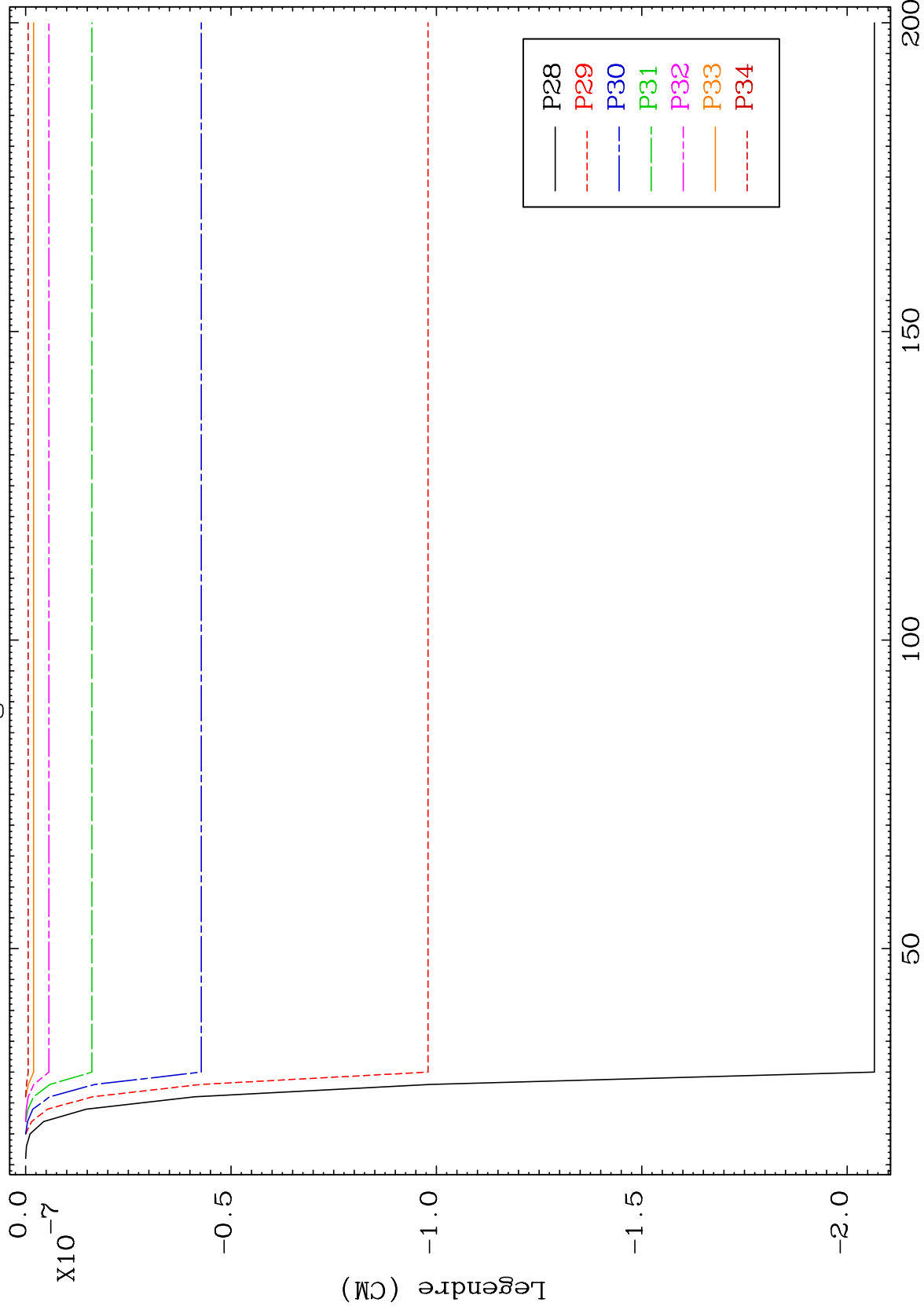
59-Pr-145

MAT 5937

MT= 78 (n,n') Level

59-Pr-145

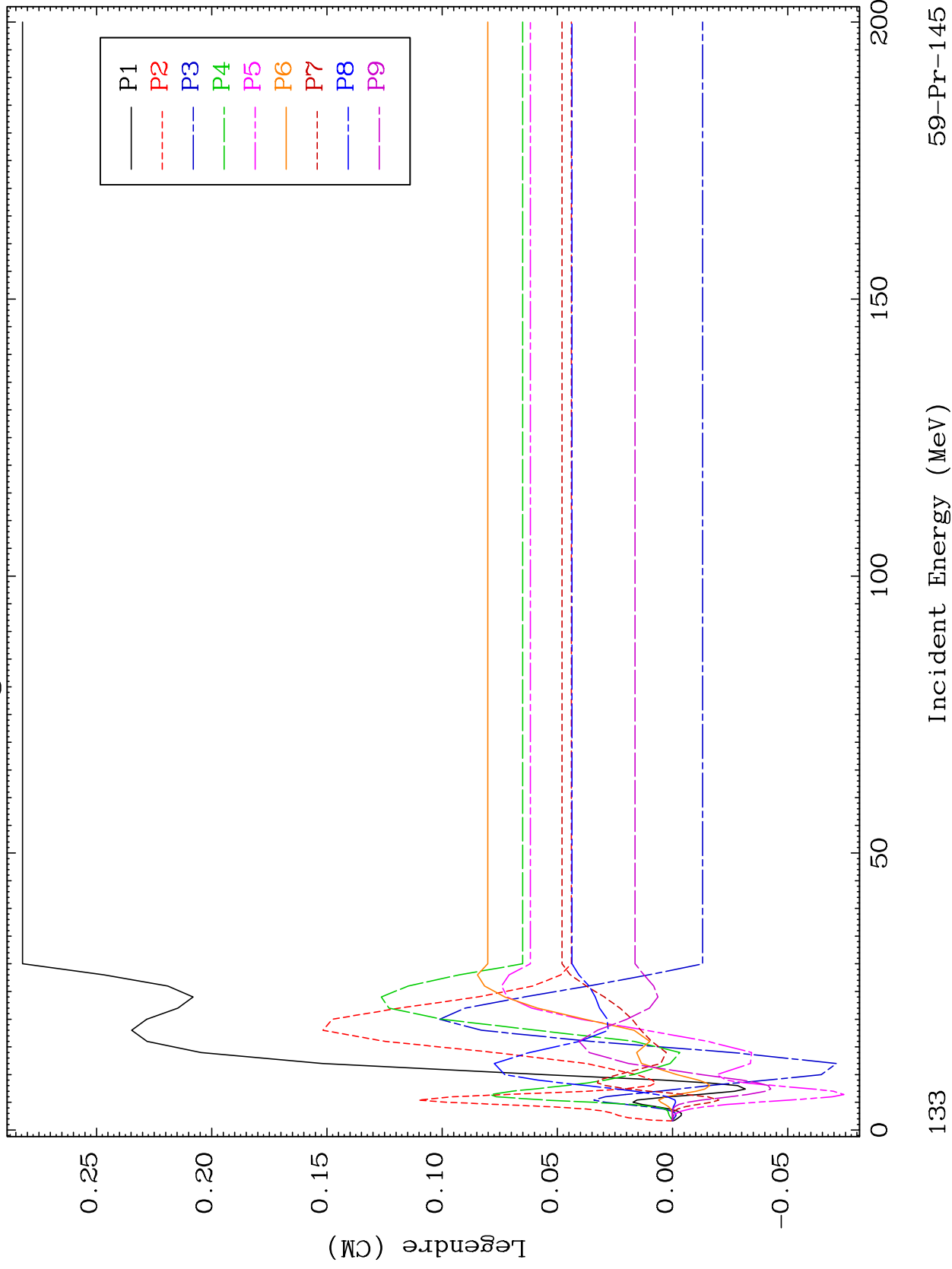
Legendre Coefficients



MAT 5937

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

59-Pr-145



59-Pr-145

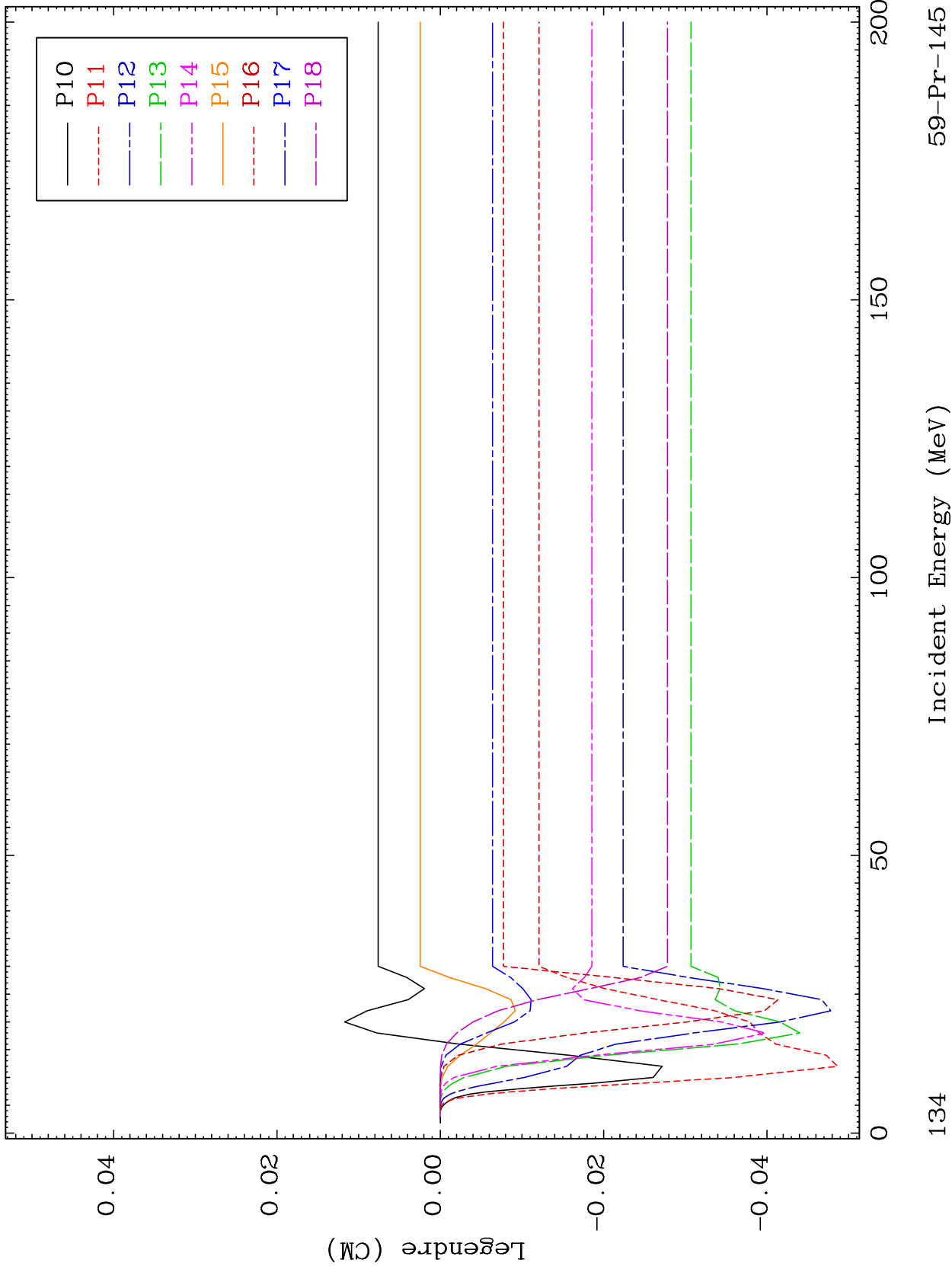
Incident Energy (MeV)

133

MAT 5937

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

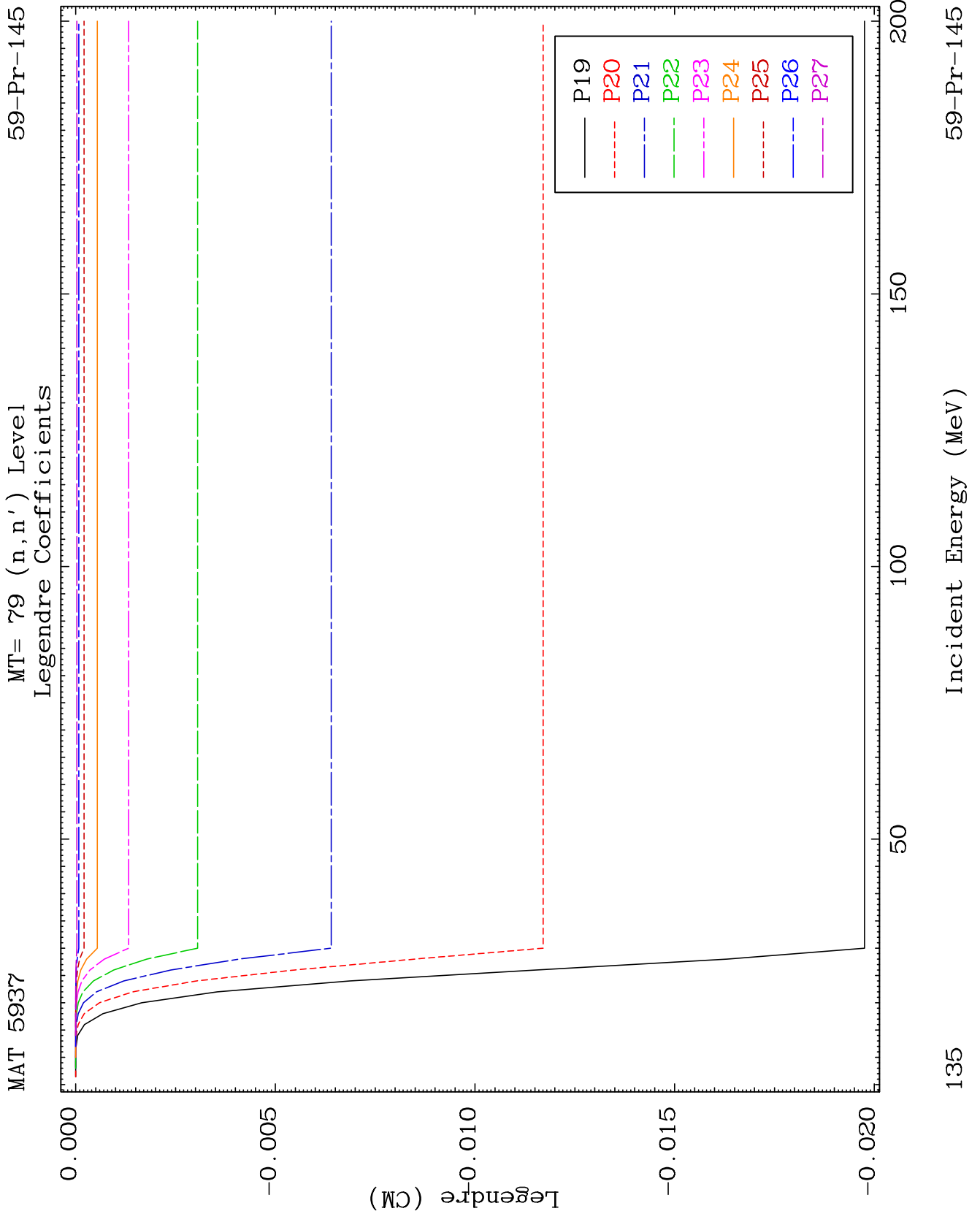
59-Pr-145



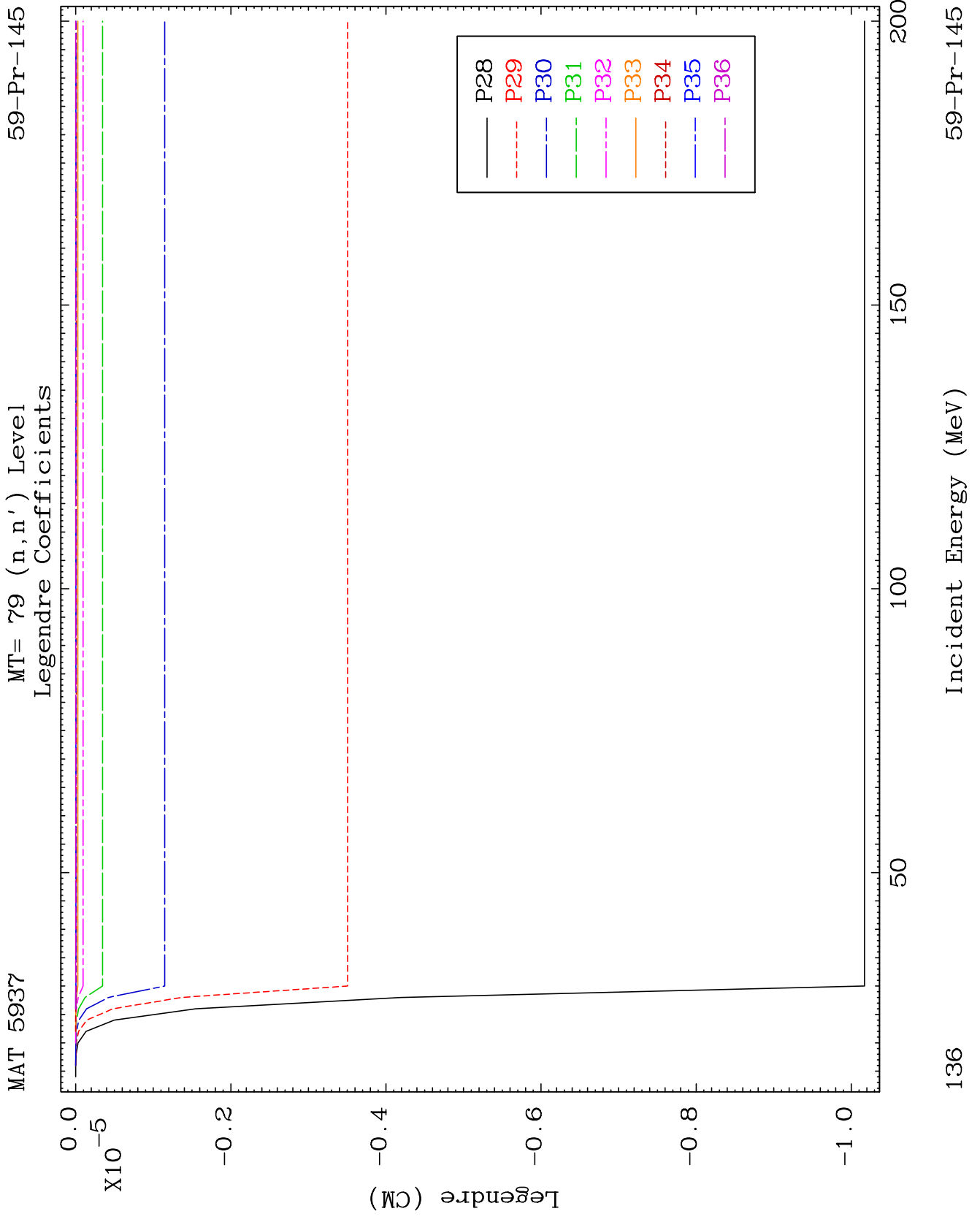
59-Pr-145

Incident Energy (MeV)

134



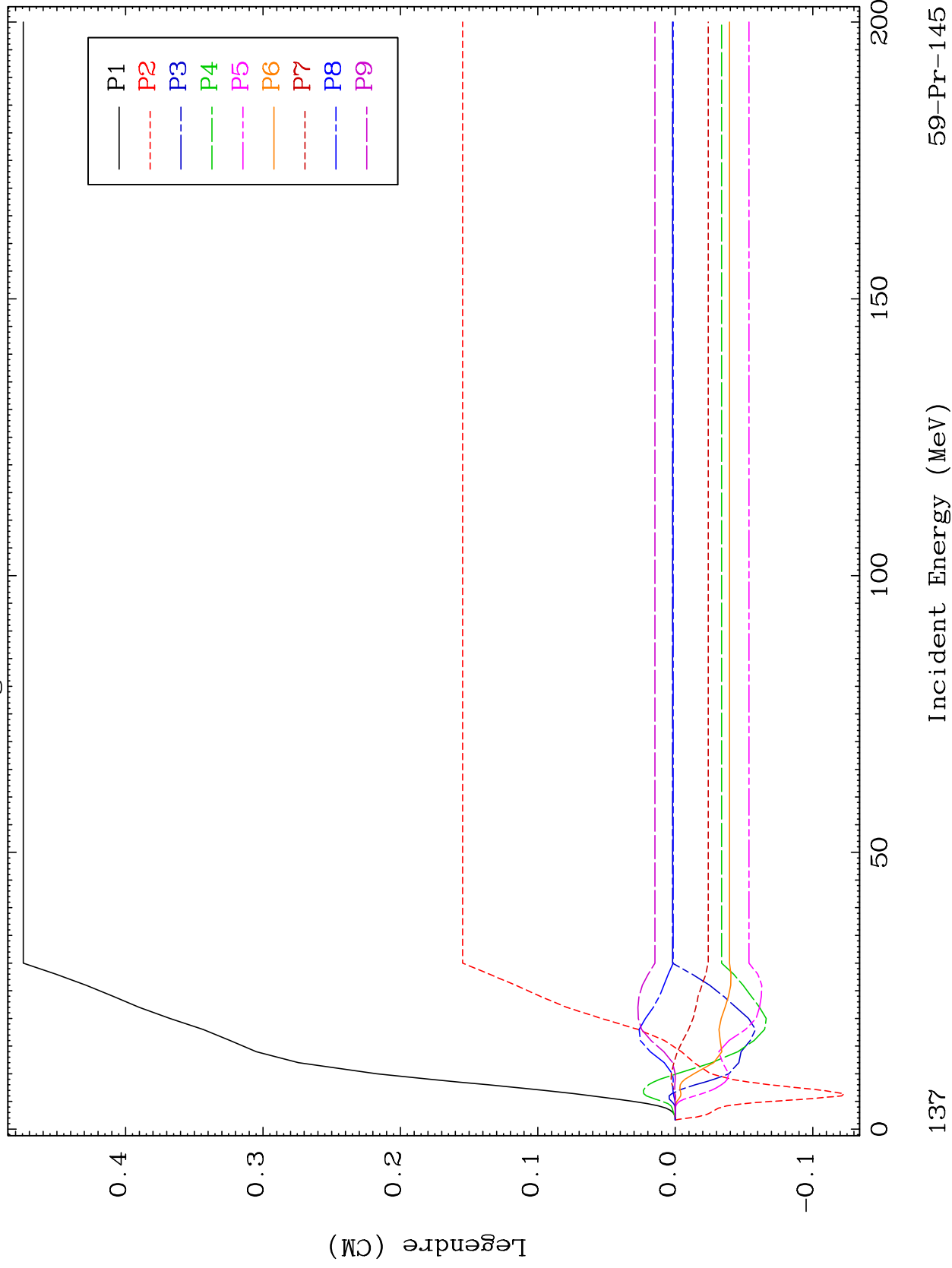




MAT 5937

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

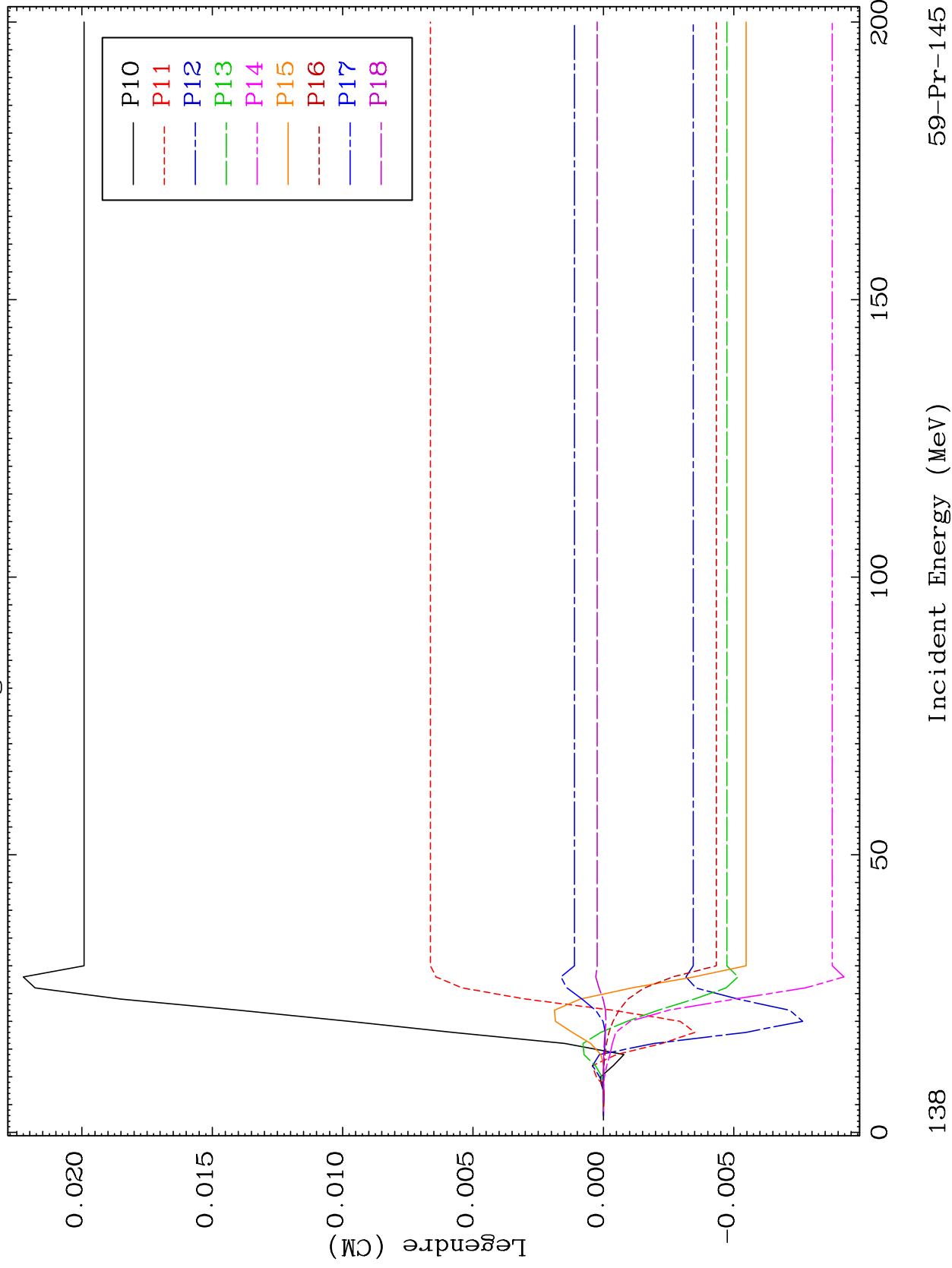
59-Pr-145



MAT 5937

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

59-Pr-145



138

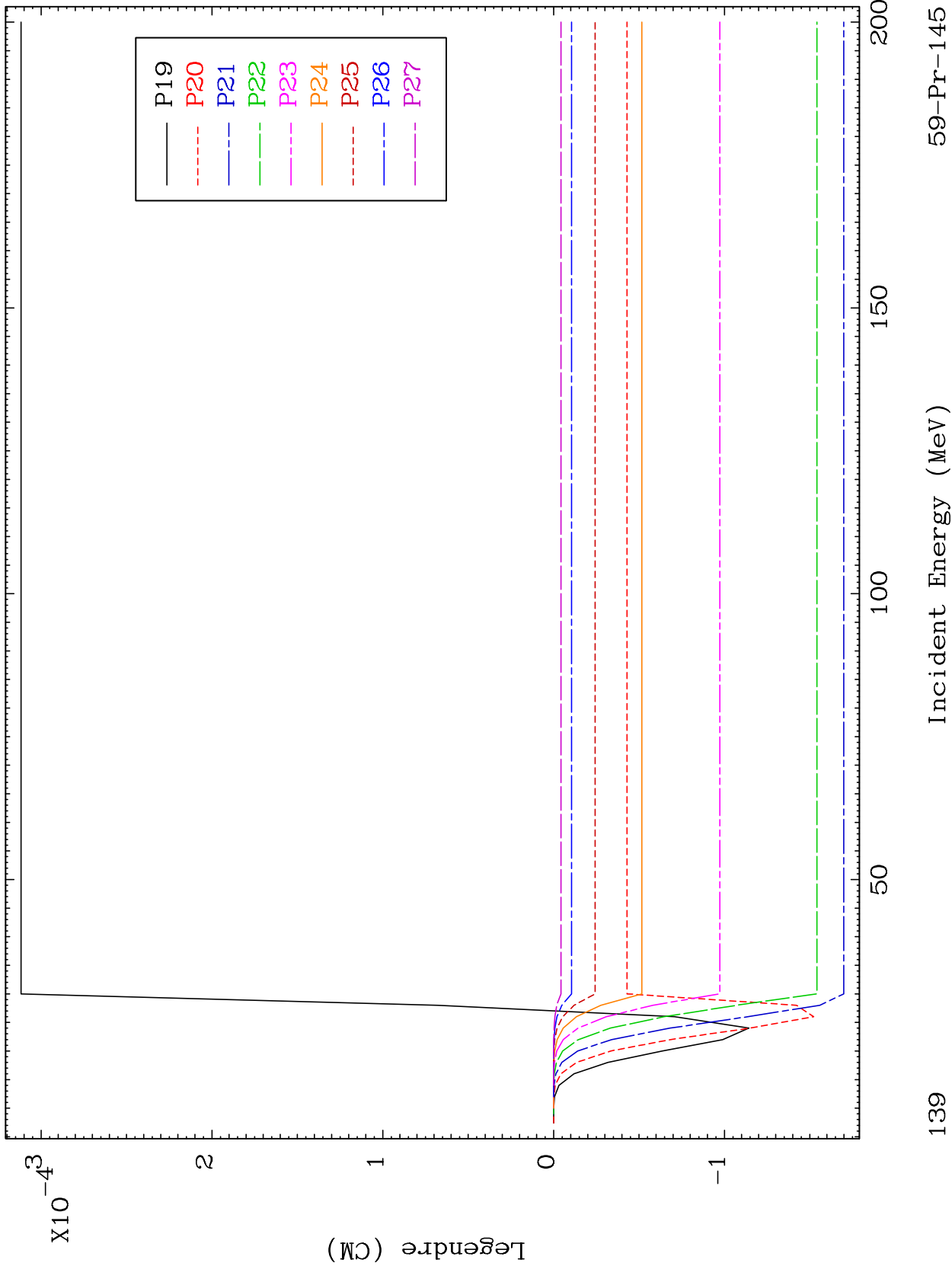
Incident Energy (MeV)

59-Pr-145

MAT 5937

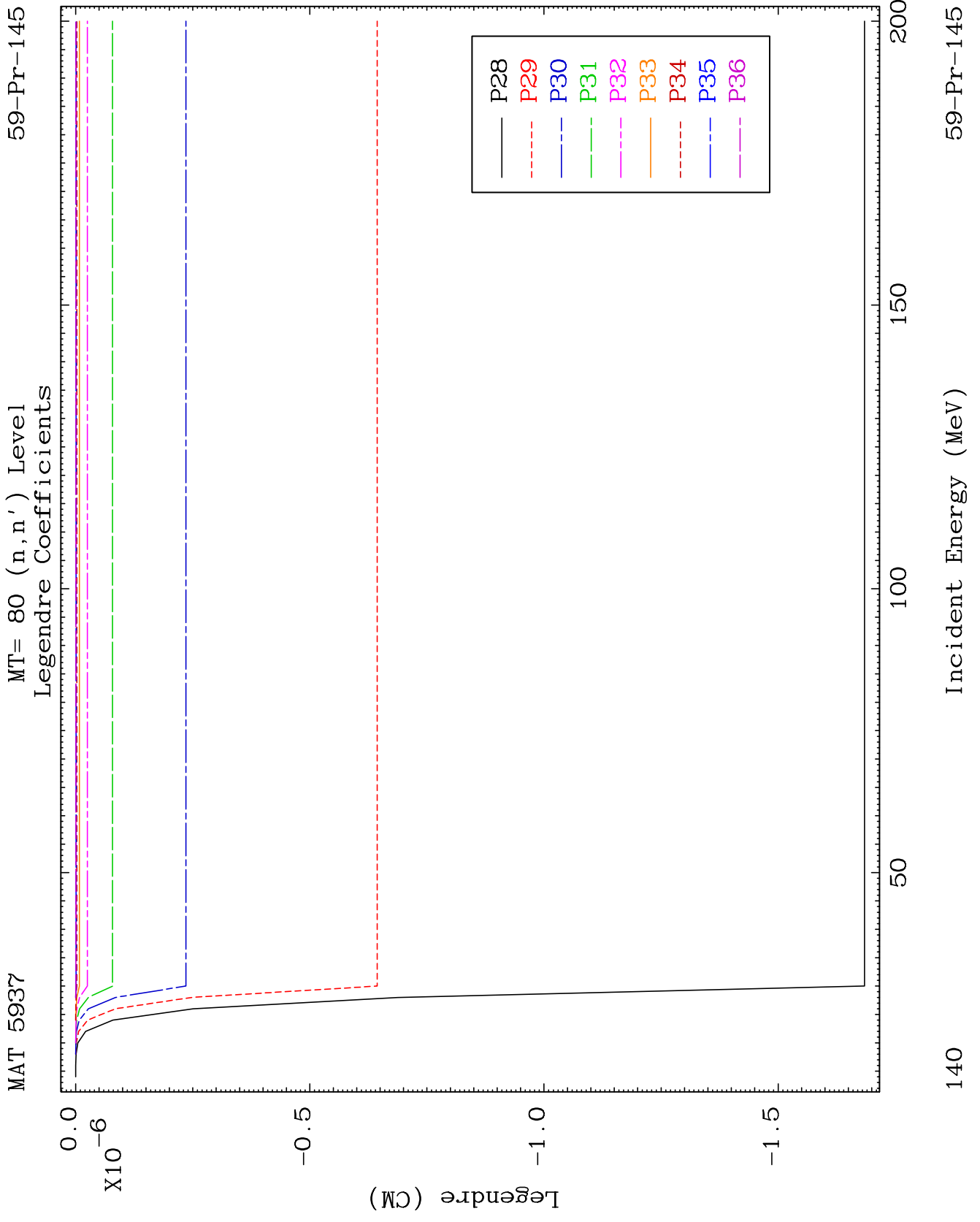
MT= 80 (n,n') Level  
Legendre Coefficients

59-Pr-145



139

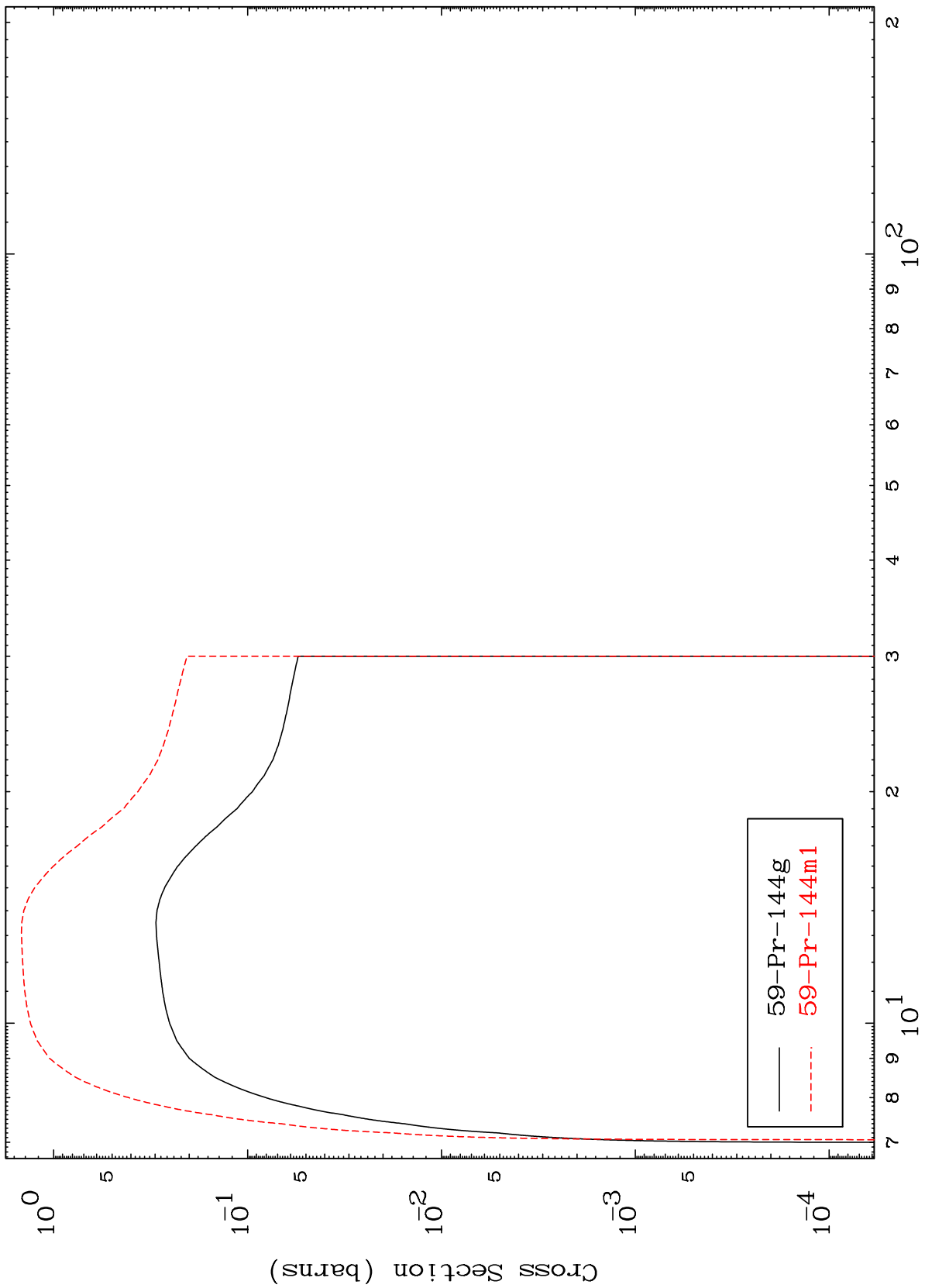
59-Pr-145



MAT 5937

59-Pr-145

(n,2n)  
Radionuclide Production Cross Section



141

Incident Energy (MeV)

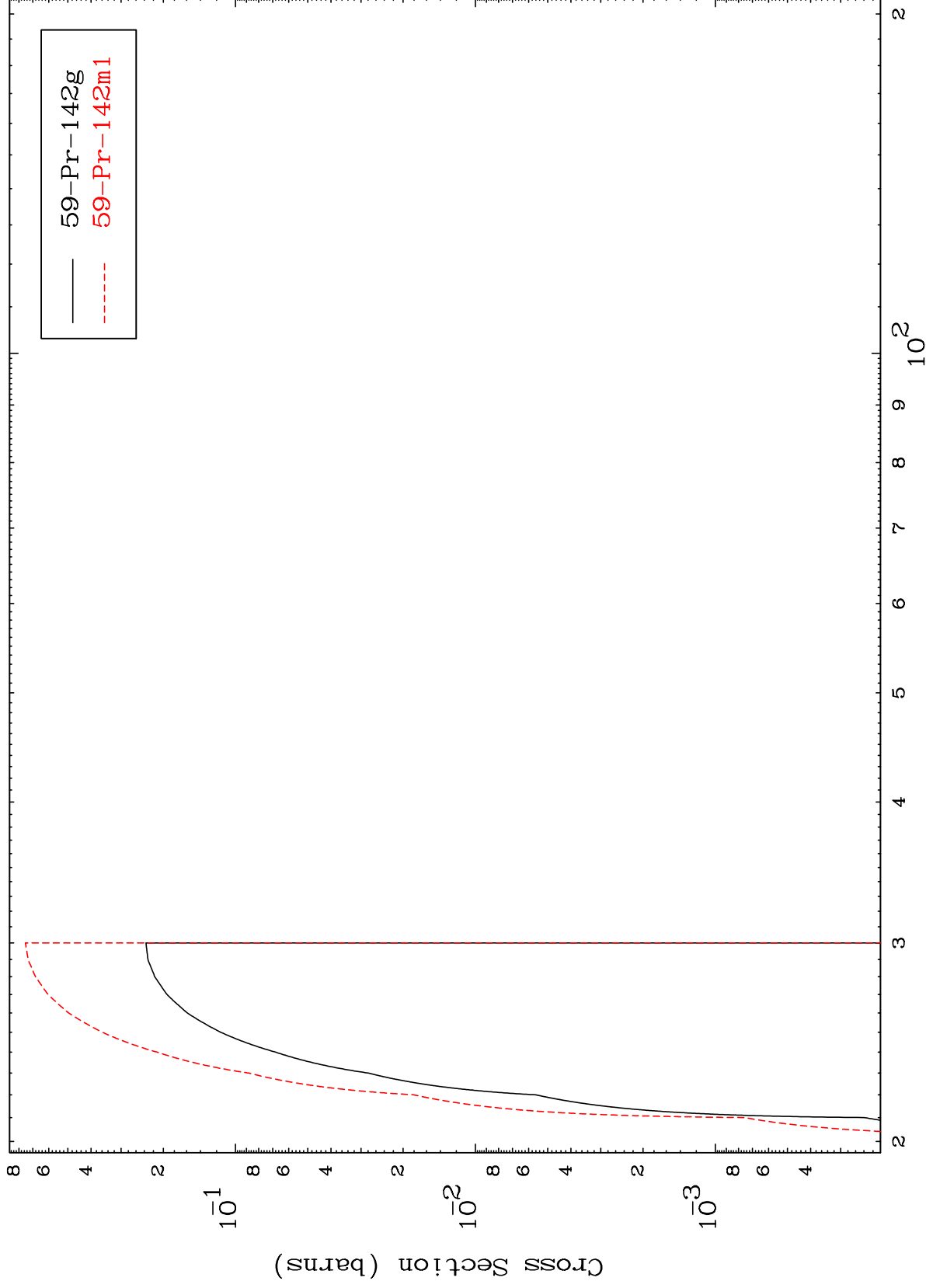
59-Pr-145

MAT 5937

(n,4n)

59-Pr-145

Radionuclide Production Cross Section



142

Incident Energy (MeV)

59-Pr-145

MAT 5937

(n,2α)

59-Pr-145

Radionuclide Production Cross Section

