

Program EVALPLOT
(Version 2018-1)

by

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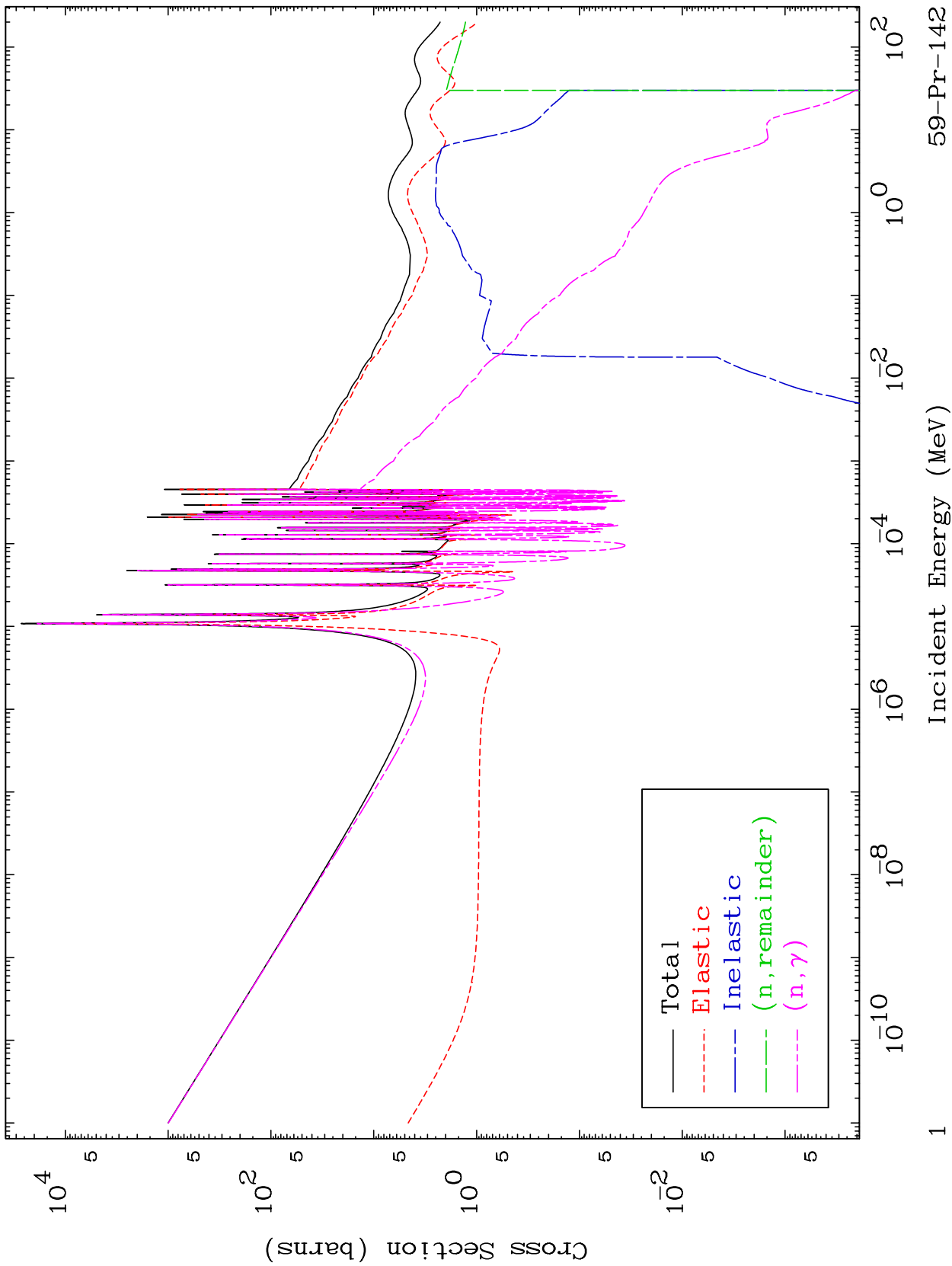
Press Mouse Button to Start

MAT 5928

Major

293 Kelvin Cross Sections

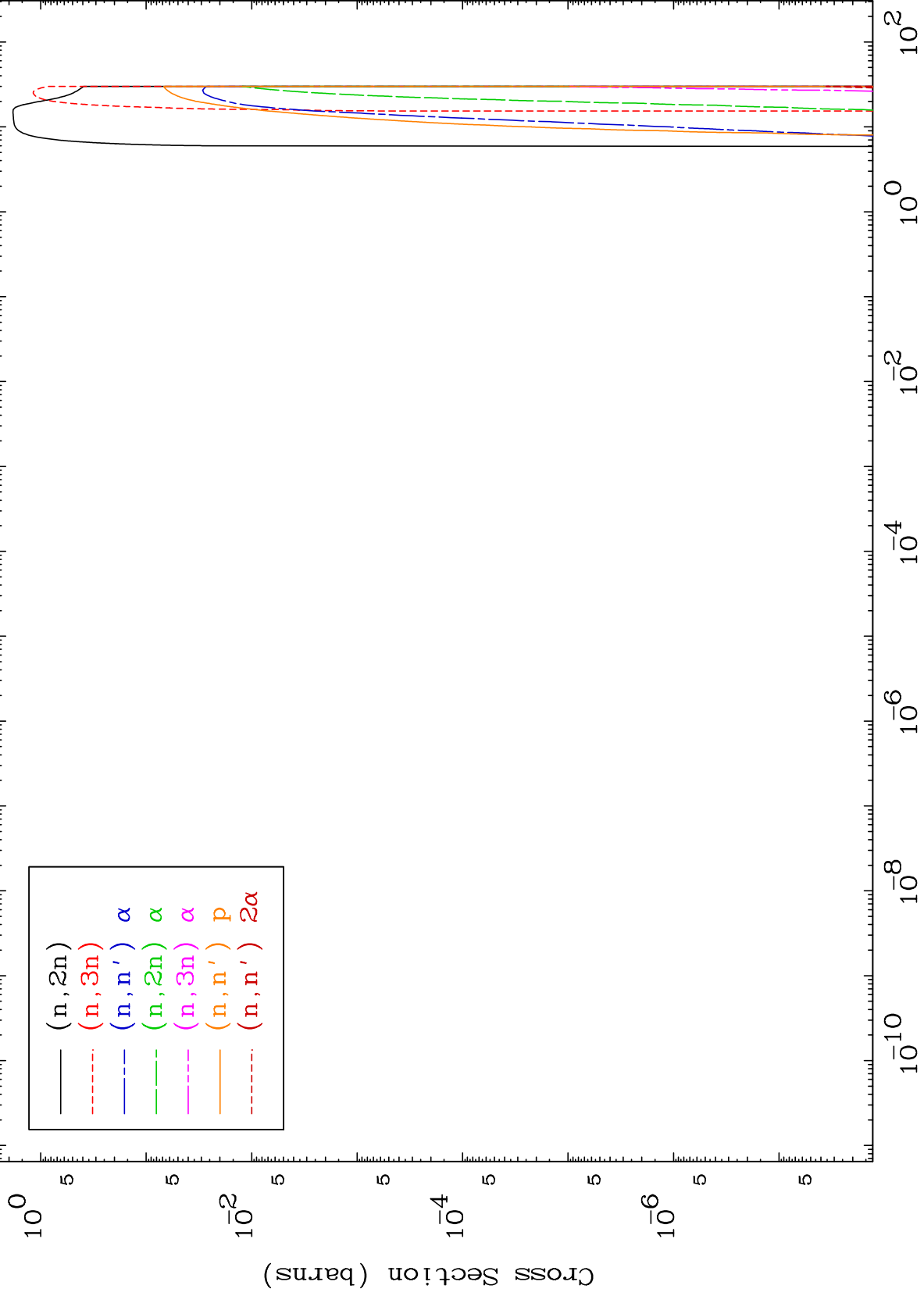
59-Pr-142



MAT 5928

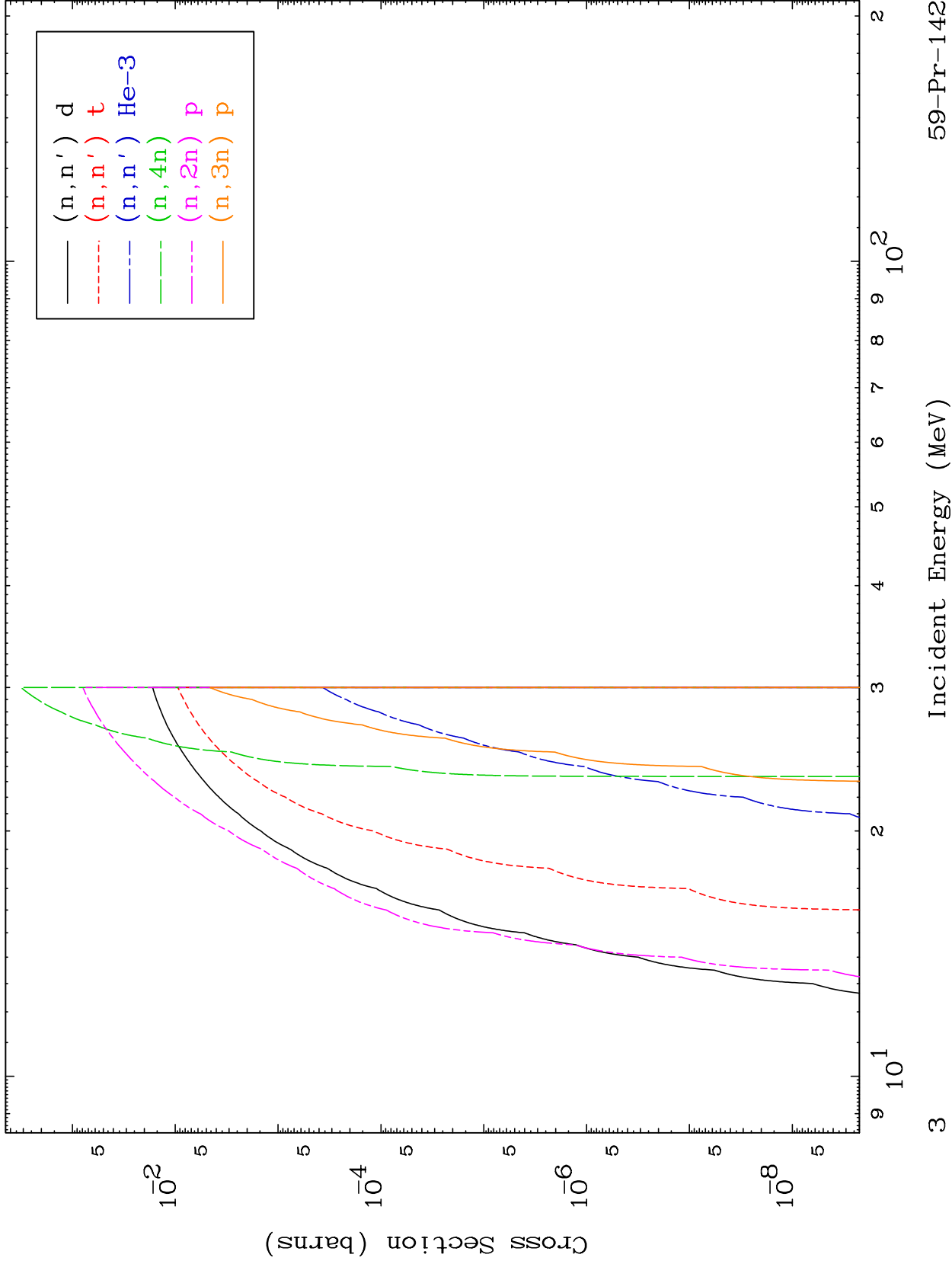
Neutron Production
293 Kelvin Cross Sections

59-Pr-142



59-Pr-142

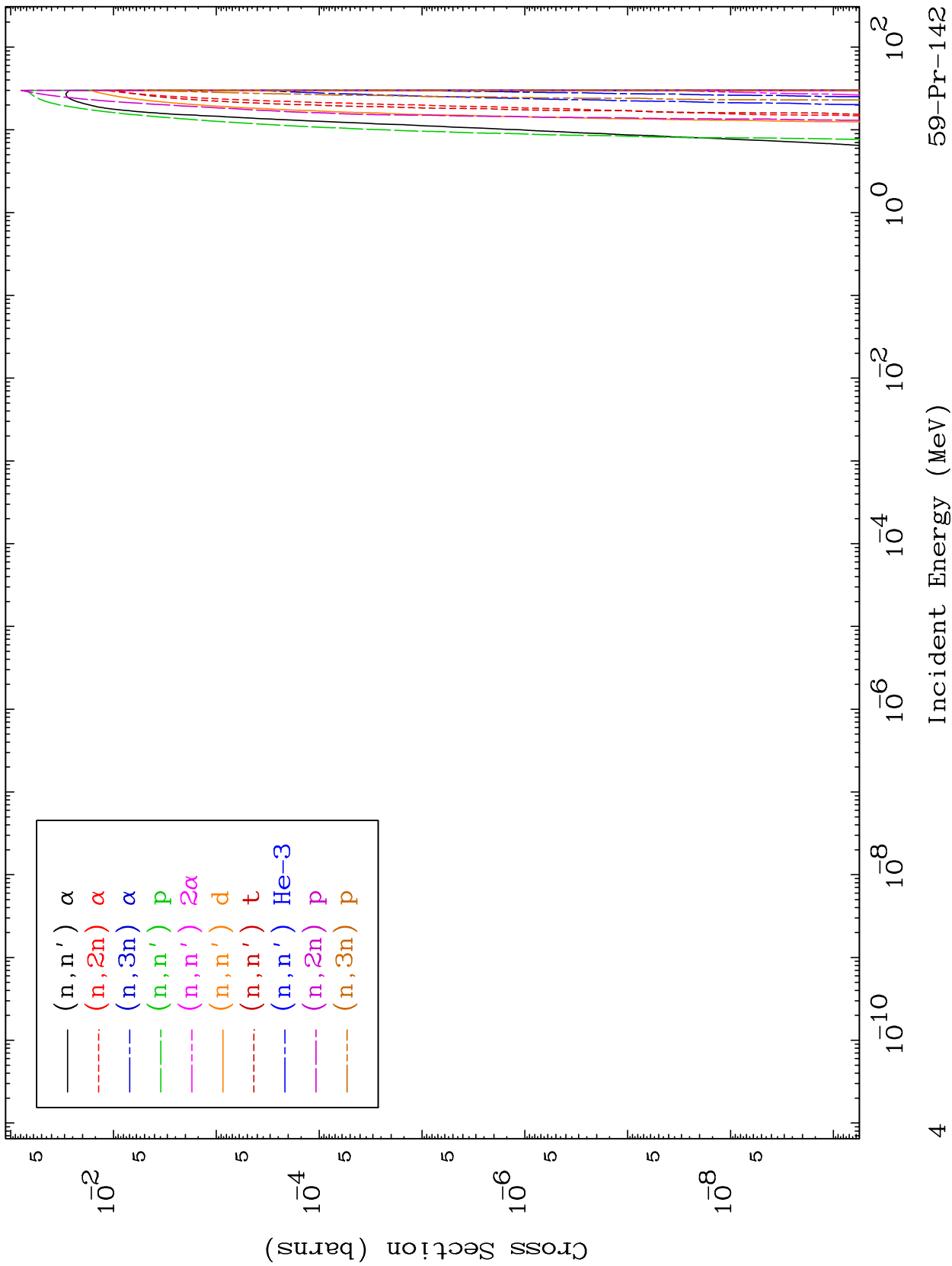
Incident Energy (MeV)



MAT 5928

Charged Particle
293 Kelvin Cross Sections

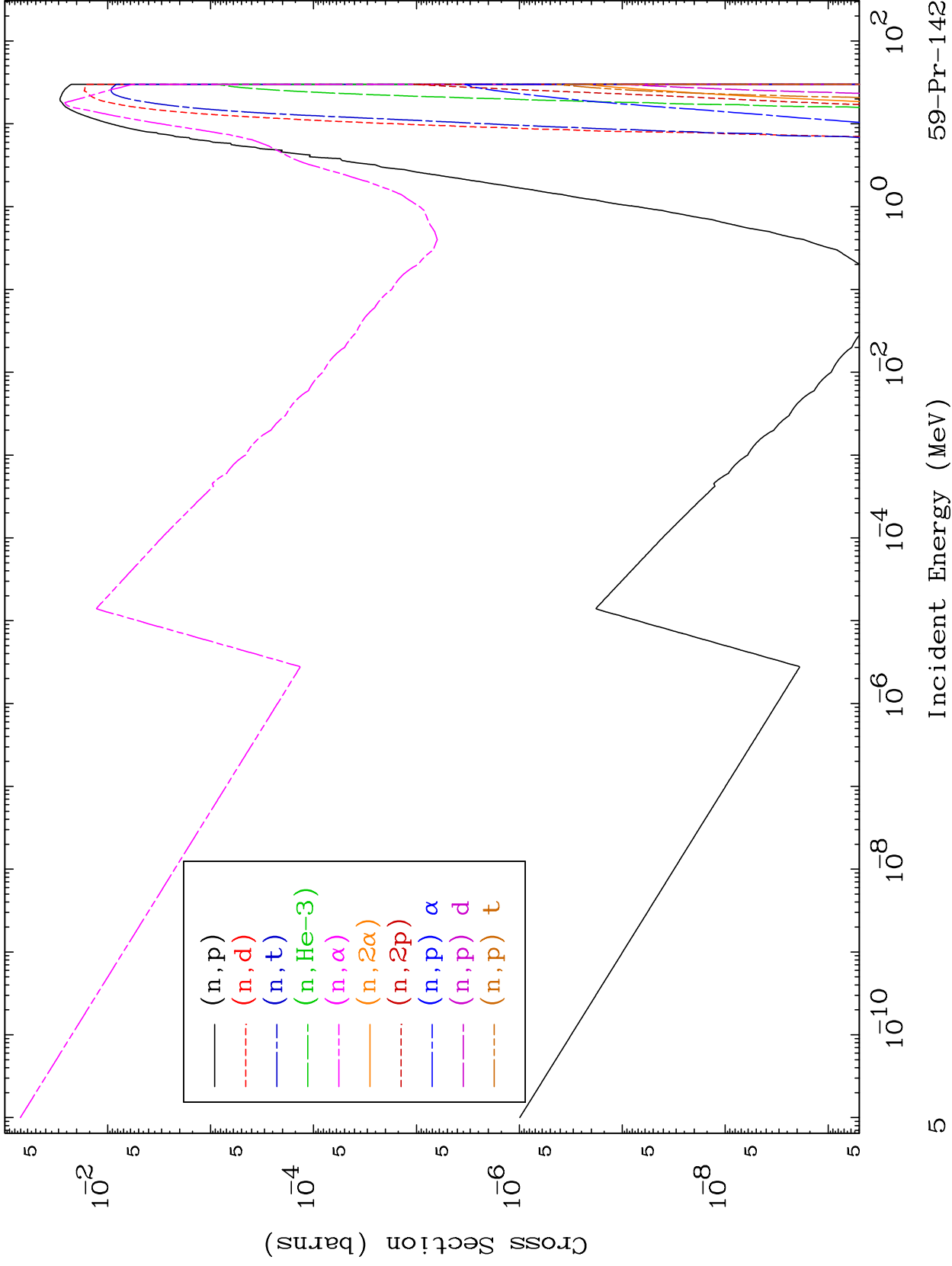
59-Pr-142



MAT 5928

Charged Particle
293 Kelvin Cross Sections

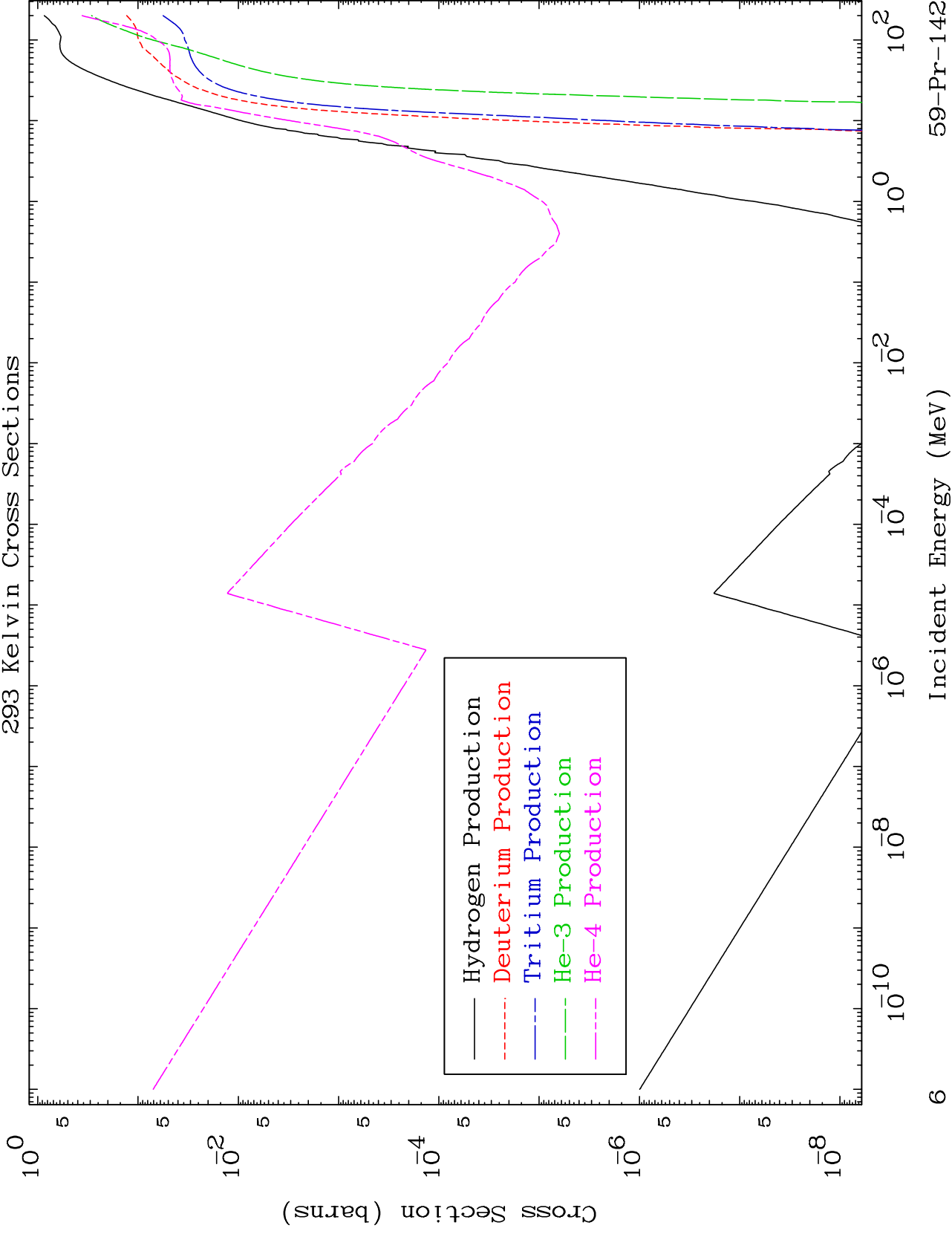
59-Pr-142

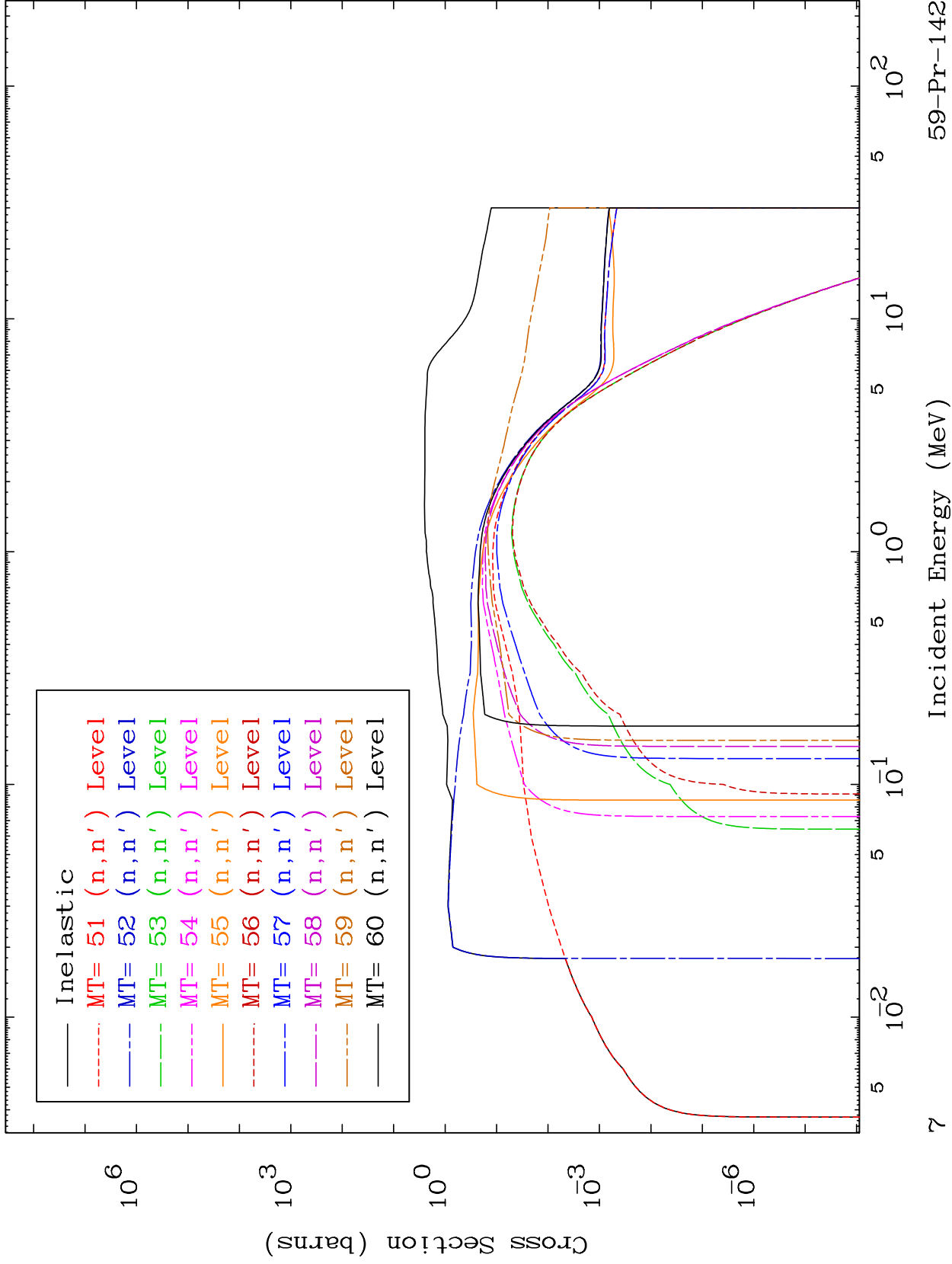


MAT 5928

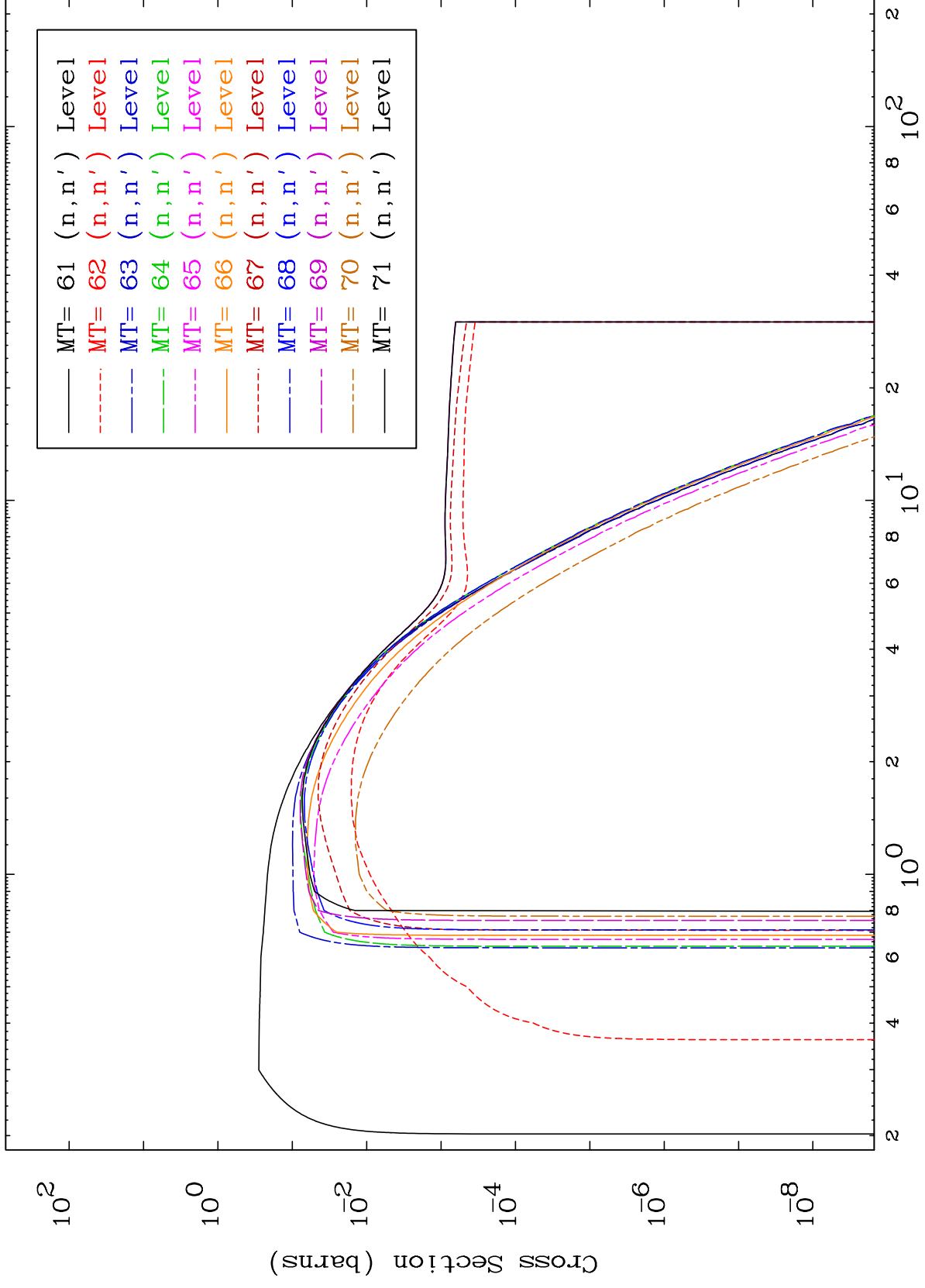
Particle Production
293 Kelvin Cross Sections

59-Pr-142

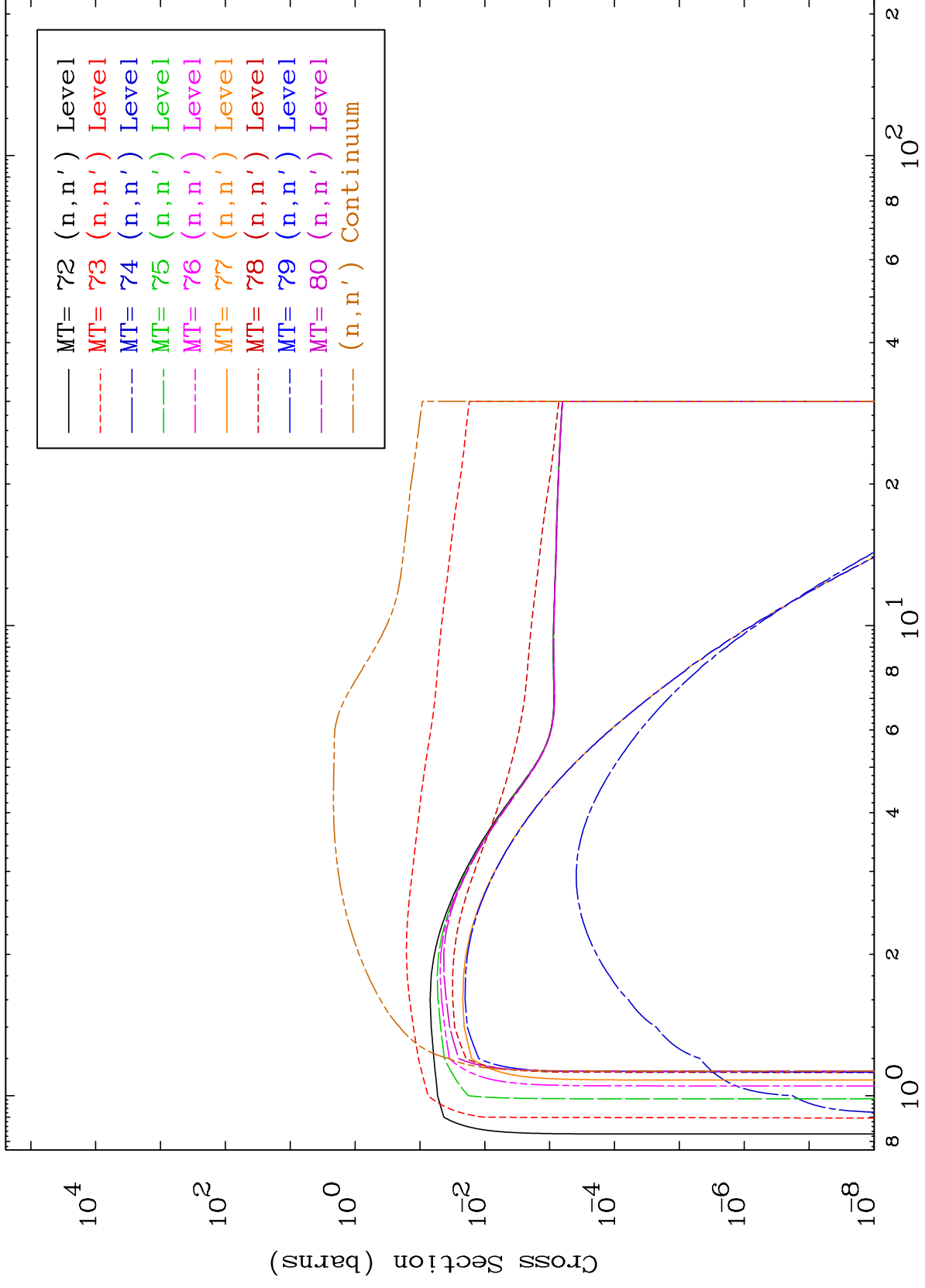




293 Kelvin Cross Sections



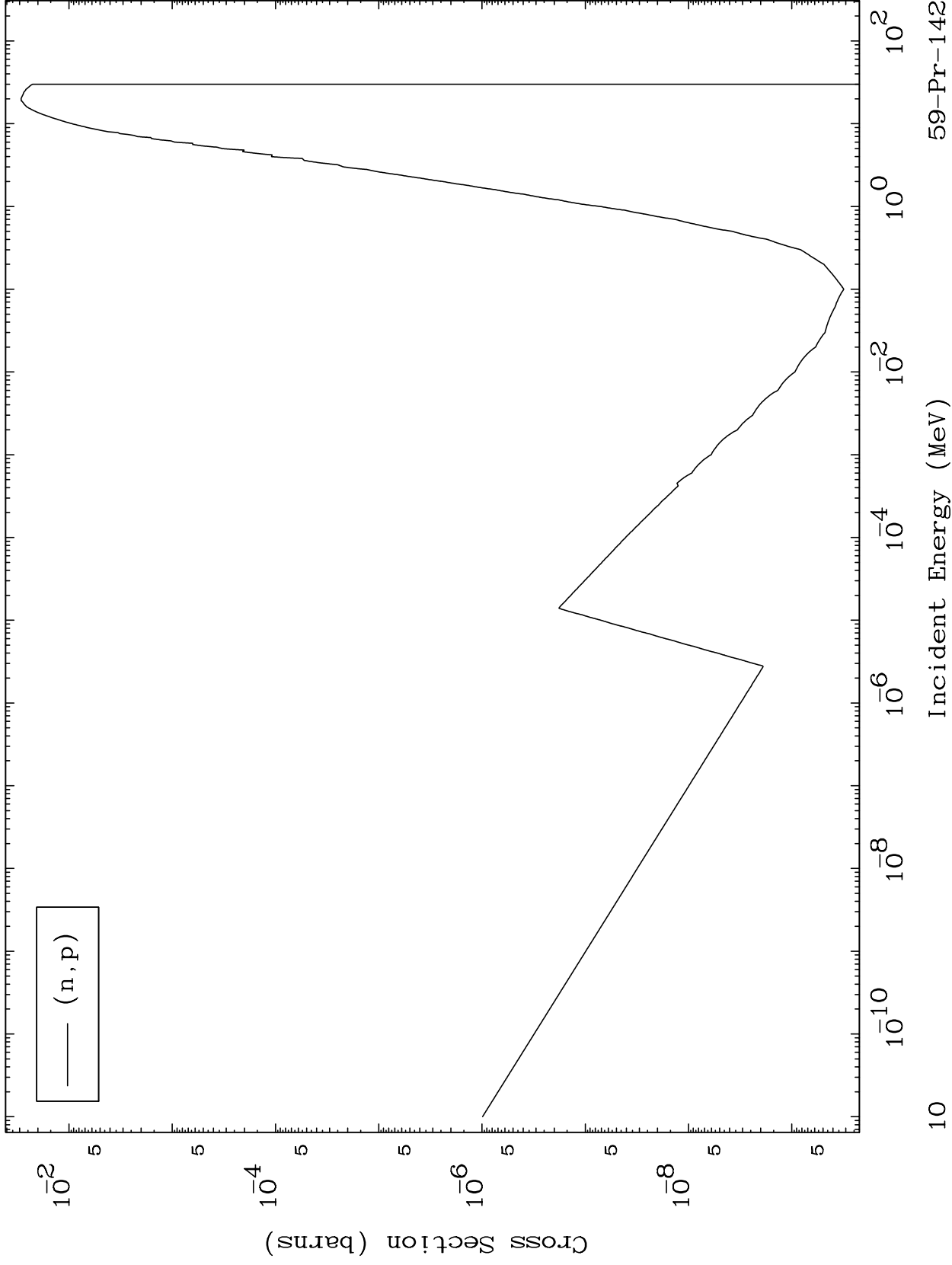
293 Kelvin Cross Sections



MAT 5928

(n,p) Levels
293 Kelvin Cross Sections

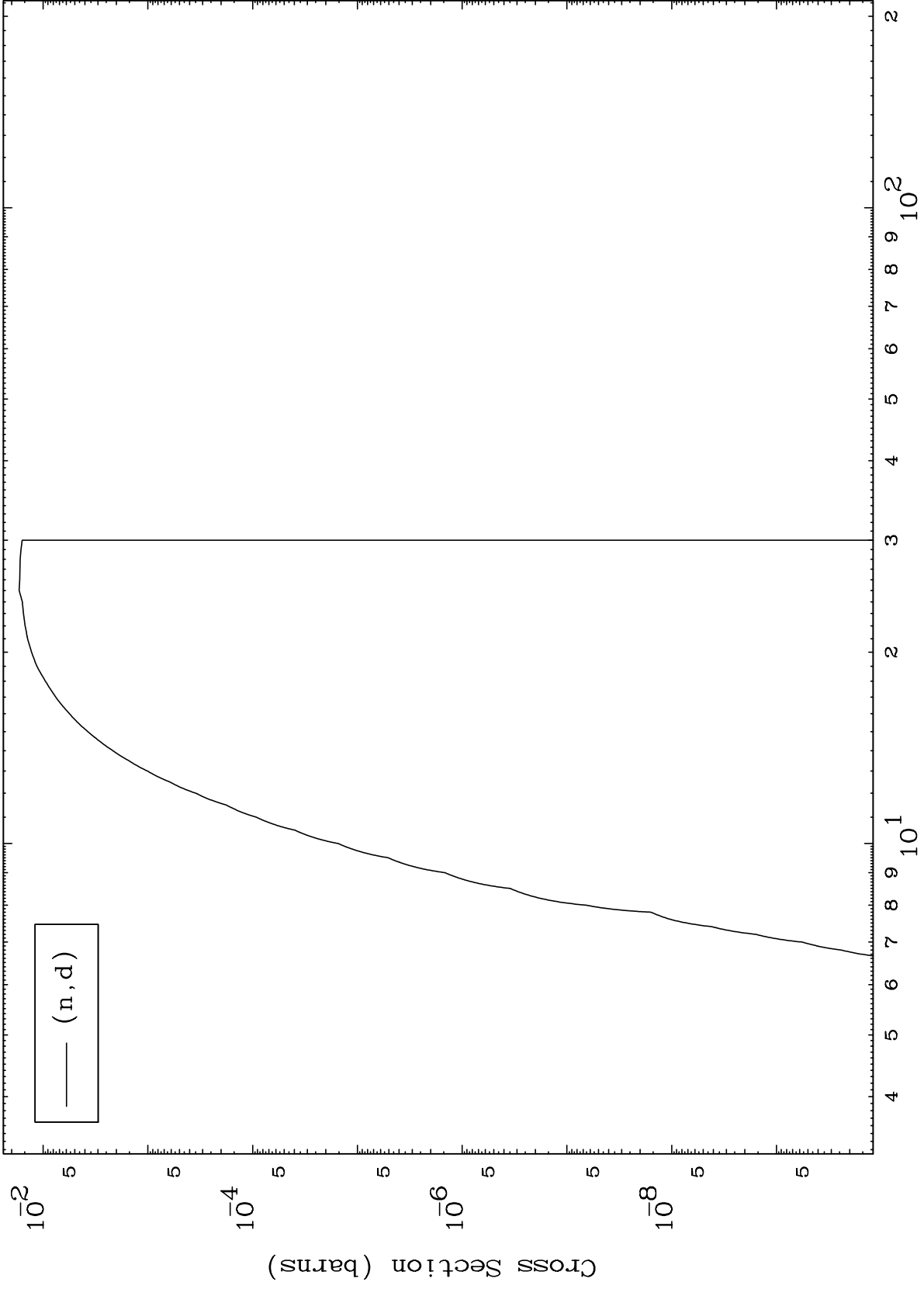
59-Pr-142



MAT 5928

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-142

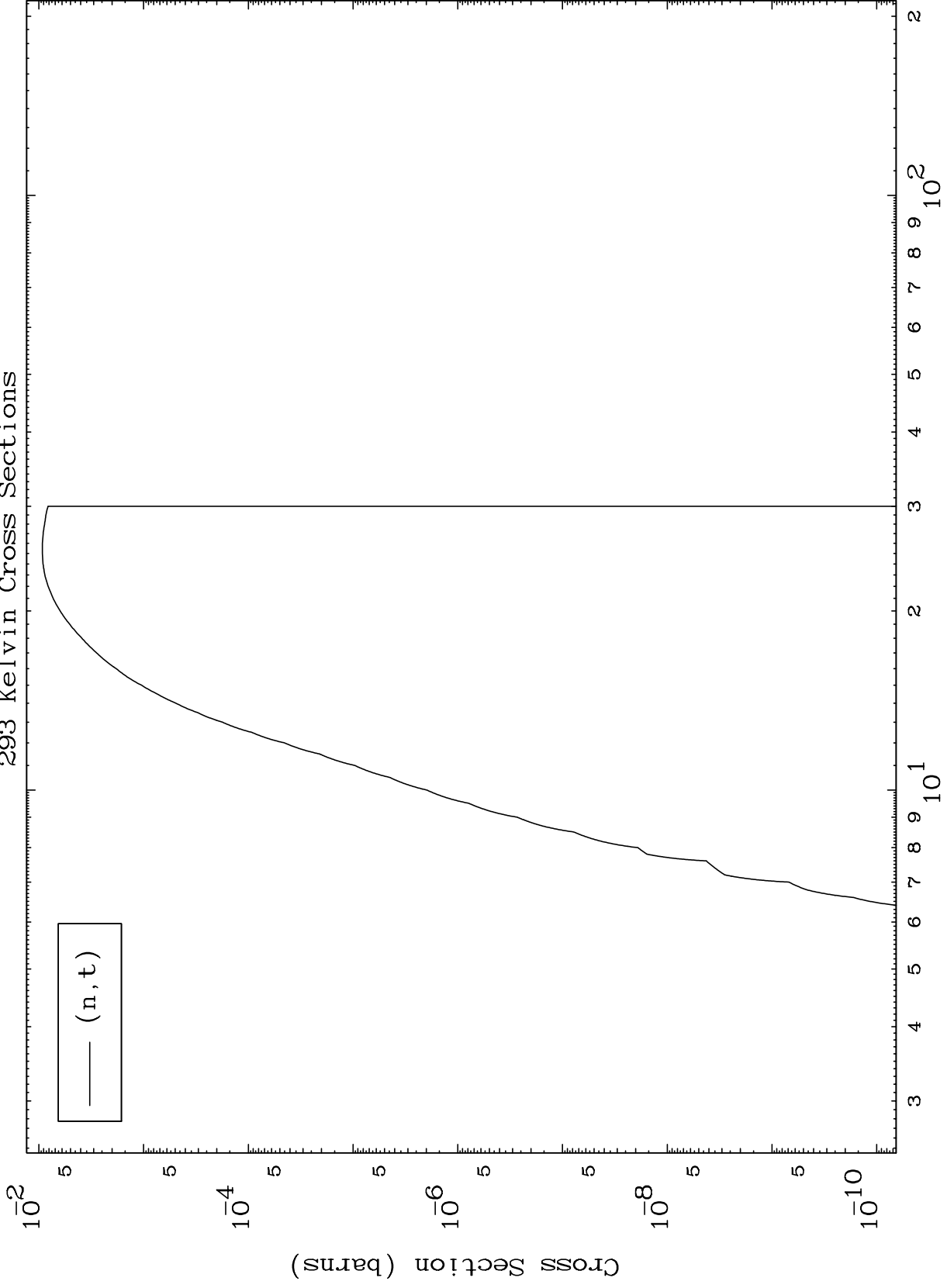


(n,d)

MAT 5928

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-142

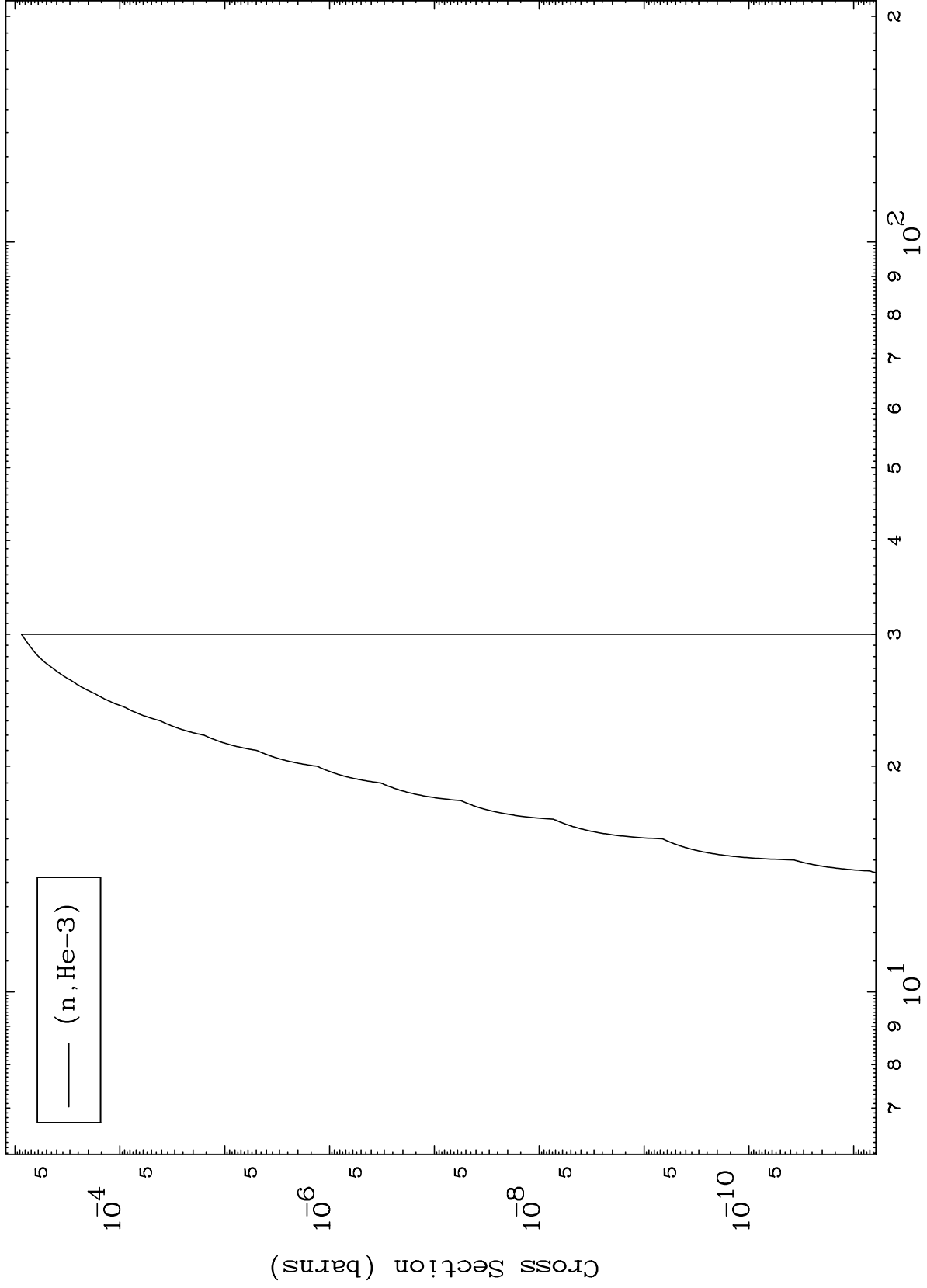


(n,t)

12

Incident Energy (MeV)

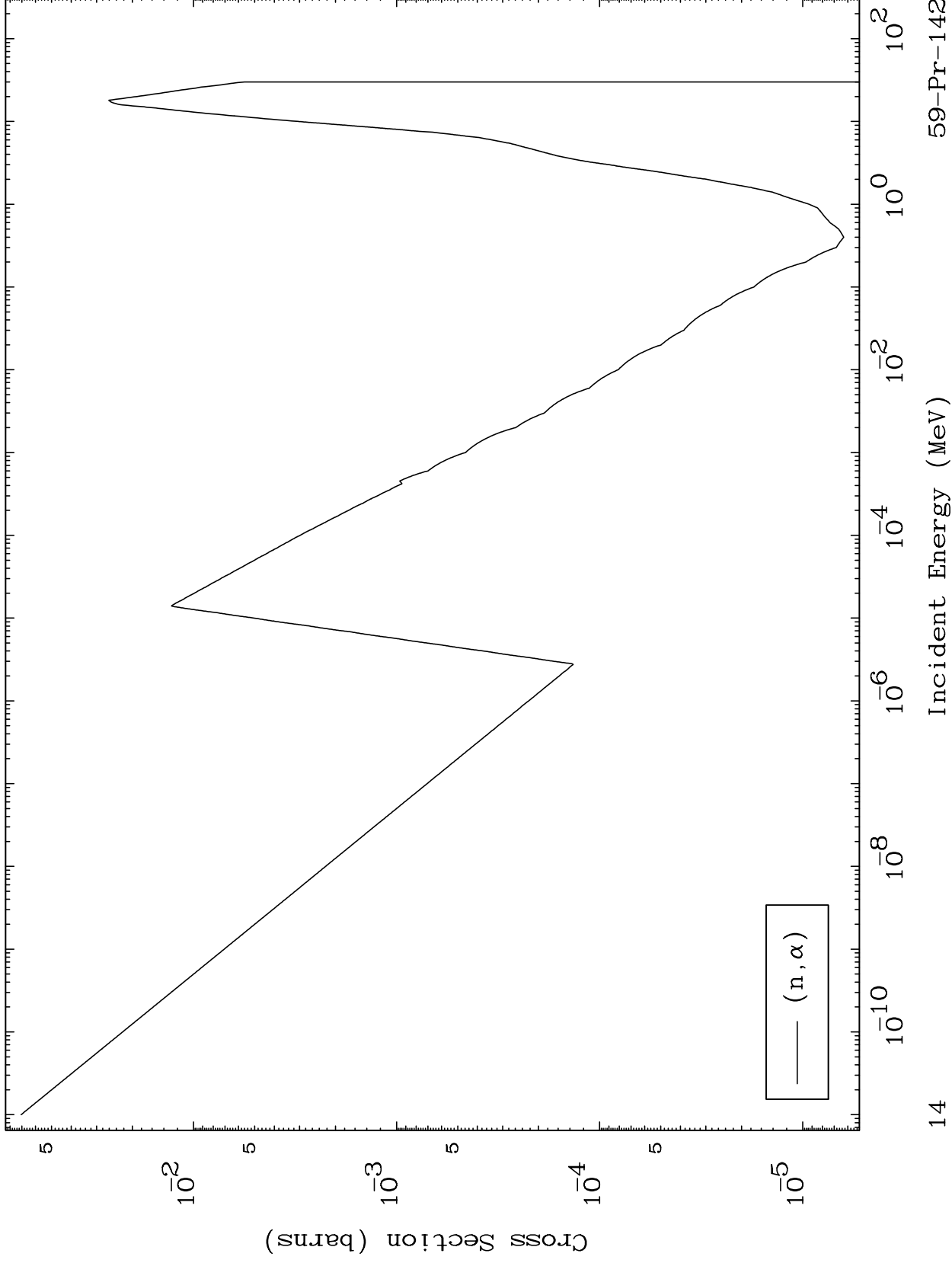
59-Pr-142



MAT 5928

(n,α) Levels
293 Kelvin Cross Sections

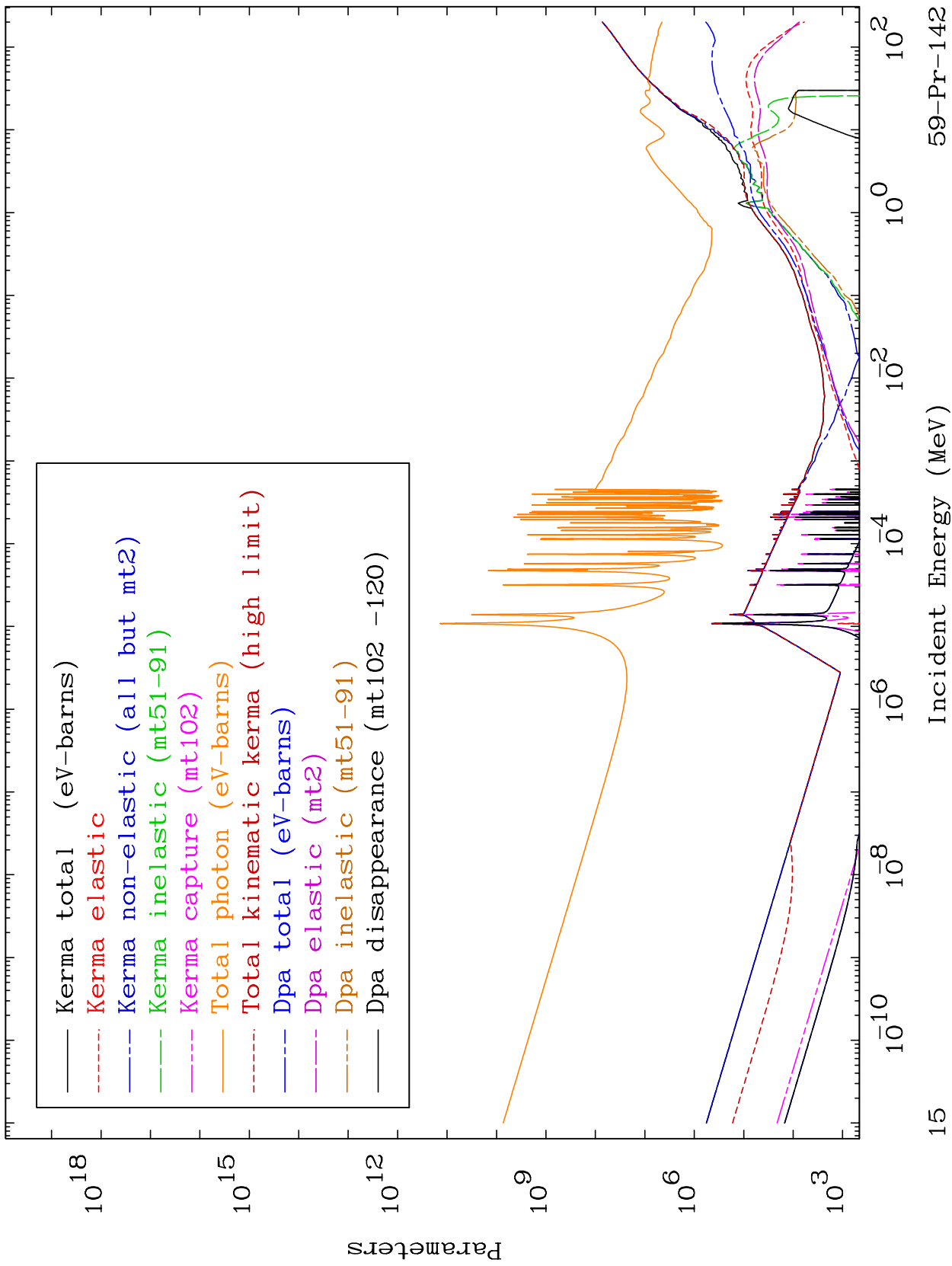
59-Pr-142



14

Incident Energy (MeV)

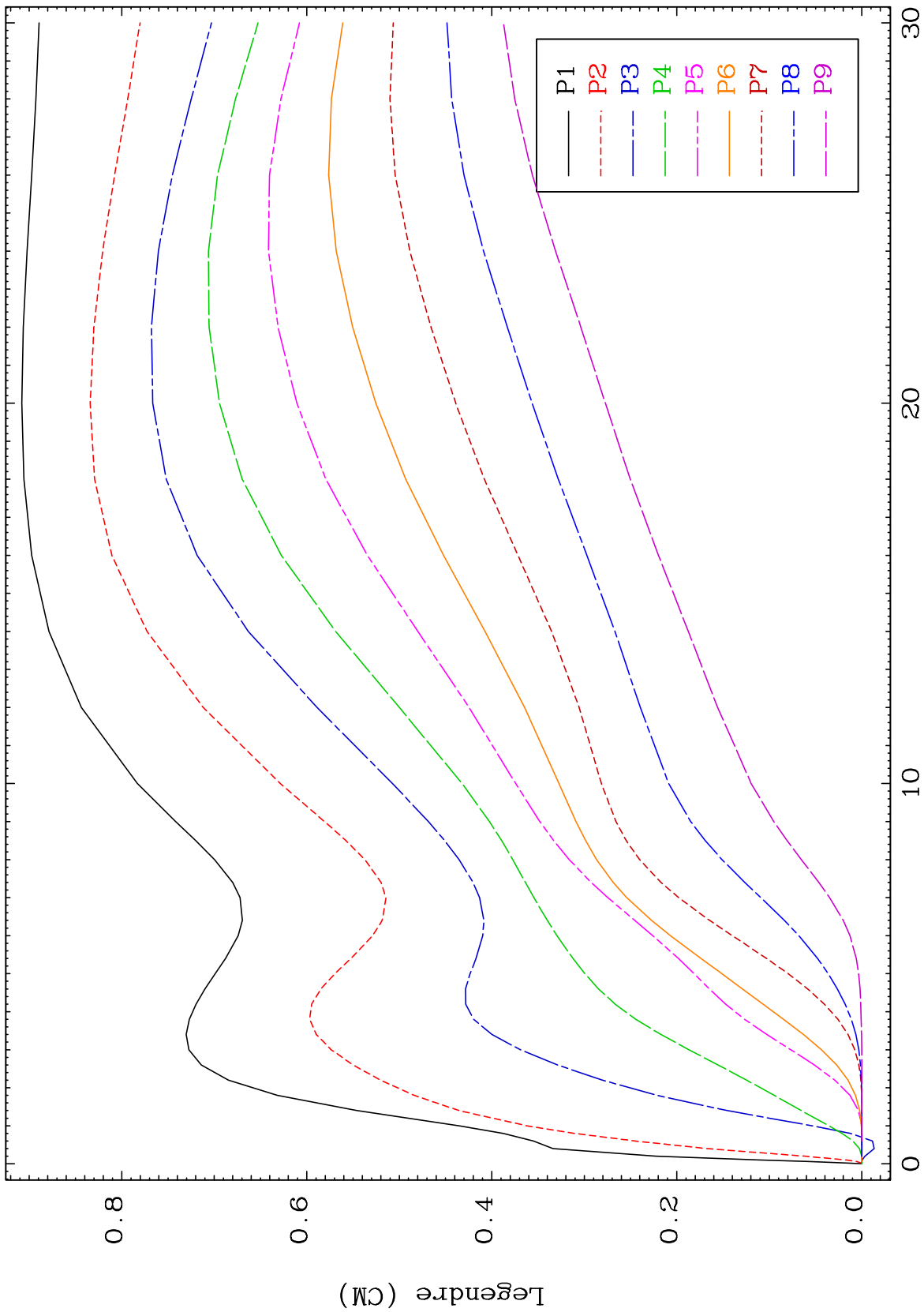
59-Pr-142



MAT 5928

Elastic Legendre Coefficients

59-Pr-142



16

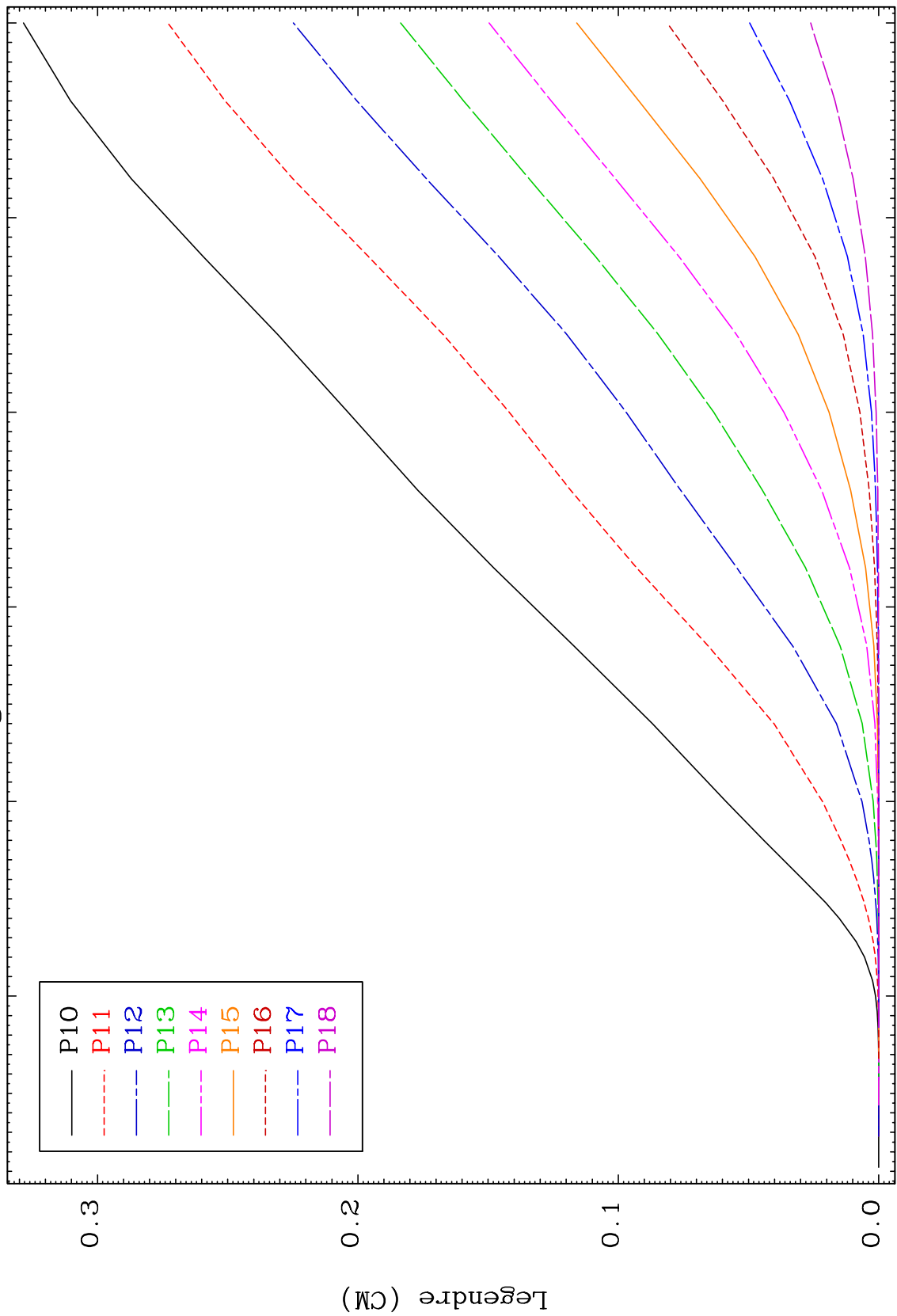
Incident Energy (MeV)

59-Pr-142

MAT 5928

Elastic Legendre Coefficients

59-Pr-142



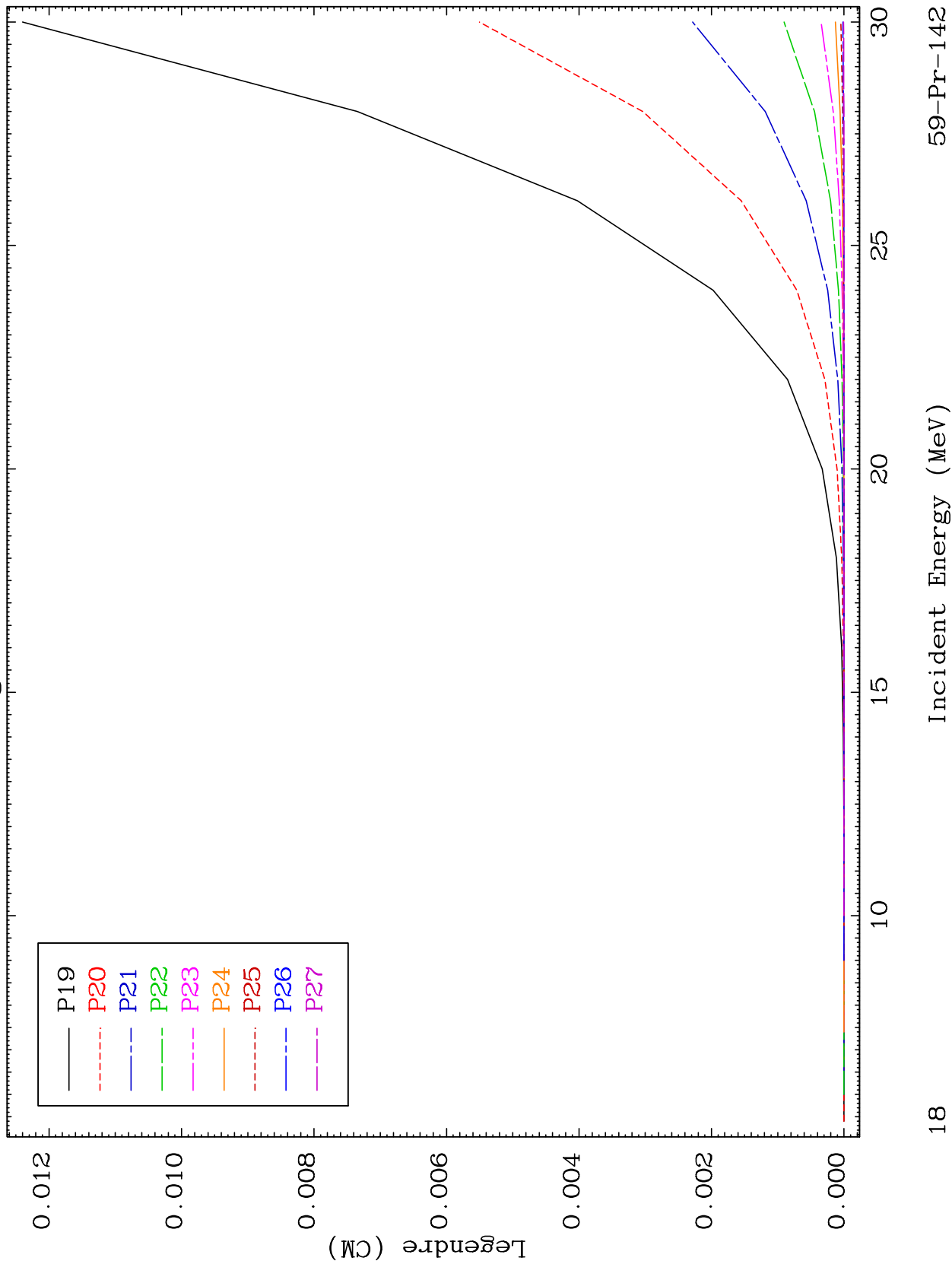
17

59-Pr-142

MAT 5928

Elastic Legendre Coefficients

59-Pr-142



18

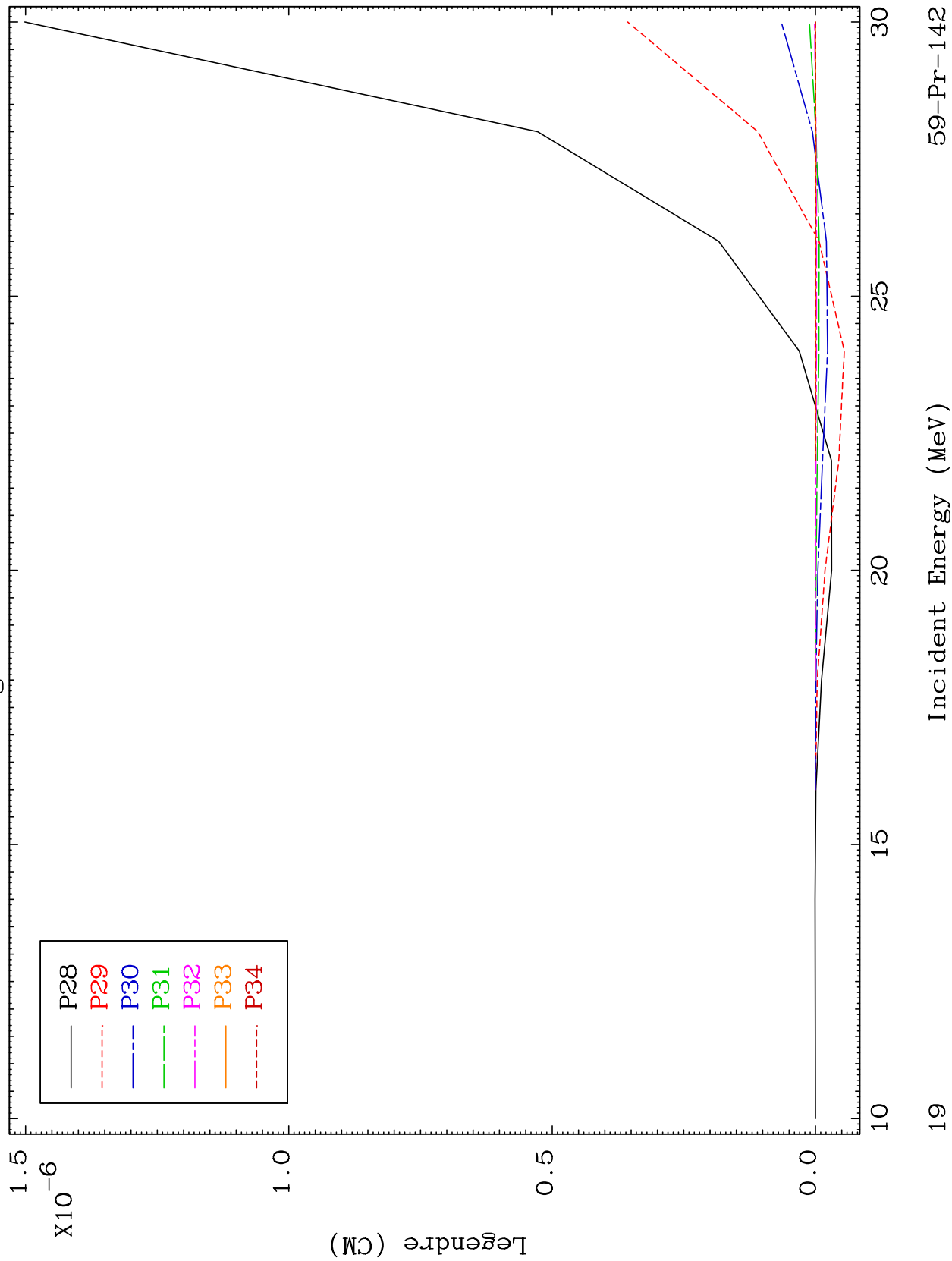
Incident Energy (MeV)

59-Pr-142

MAT 5928

Elastic Legendre Coefficients

59-Pr-142



59-Pr-142

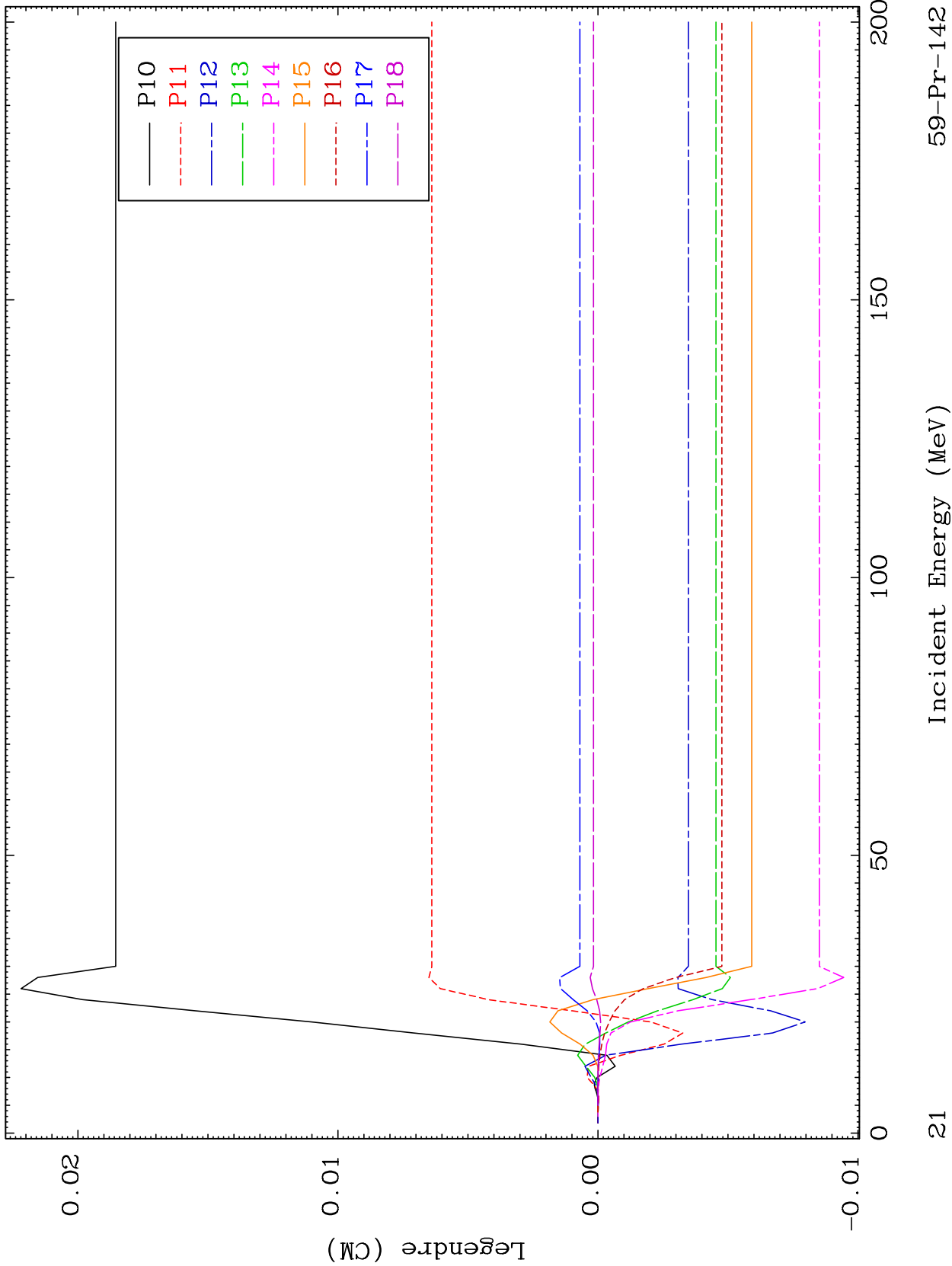
Incident Energy (MeV)

19

MAT 5928

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

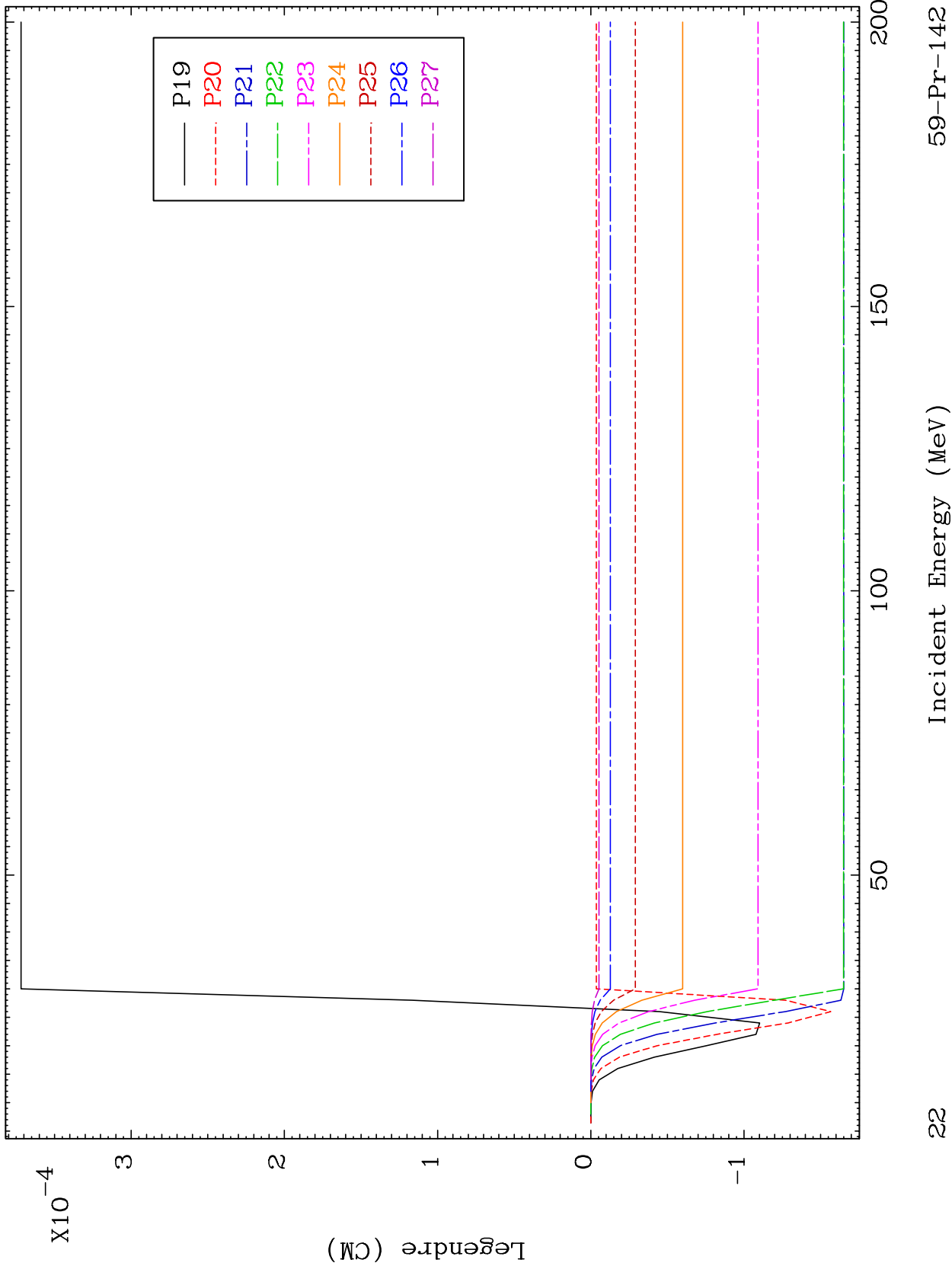
59-Pr-142

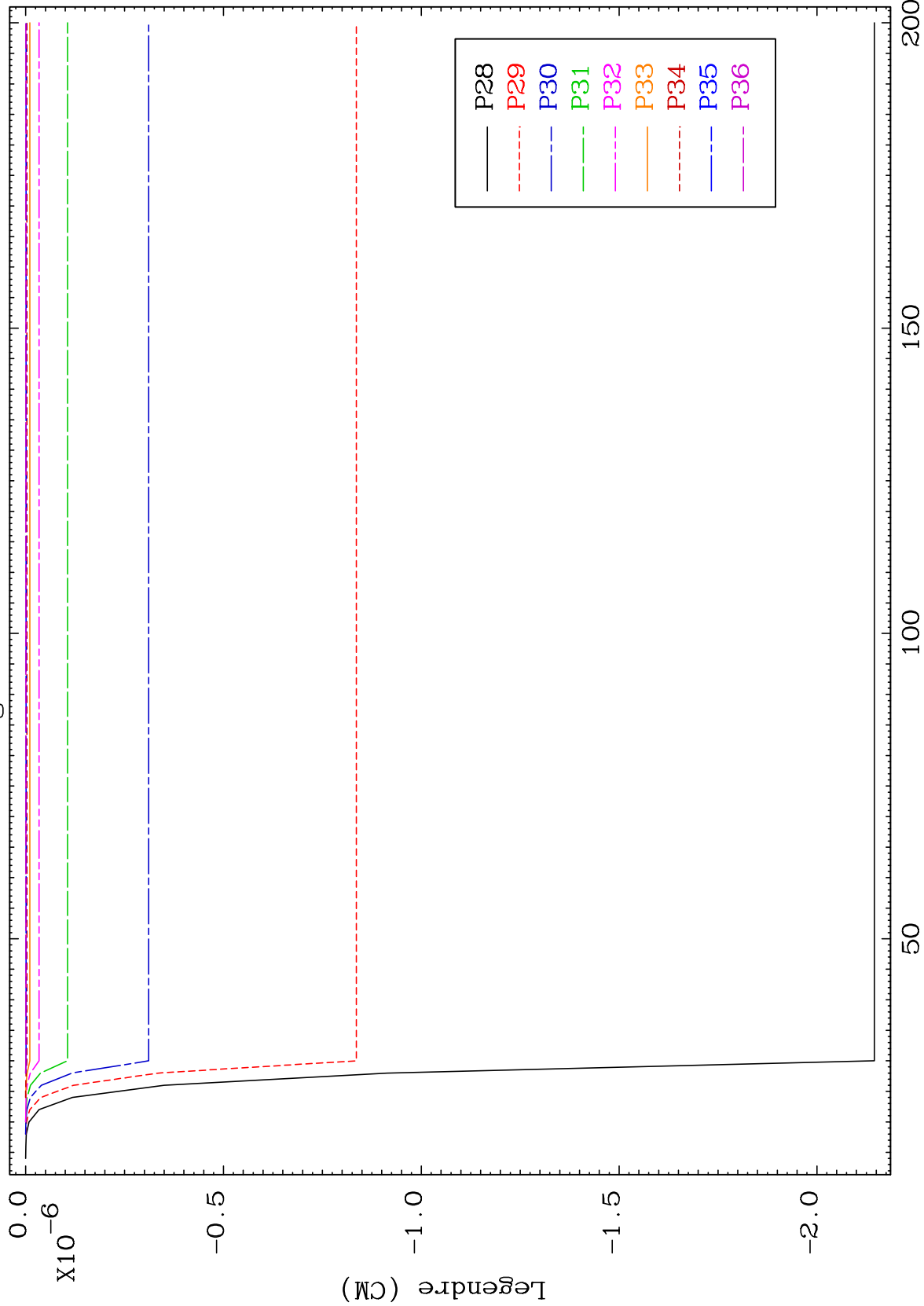


21

Incident Energy (MeV)

59-Pr-142

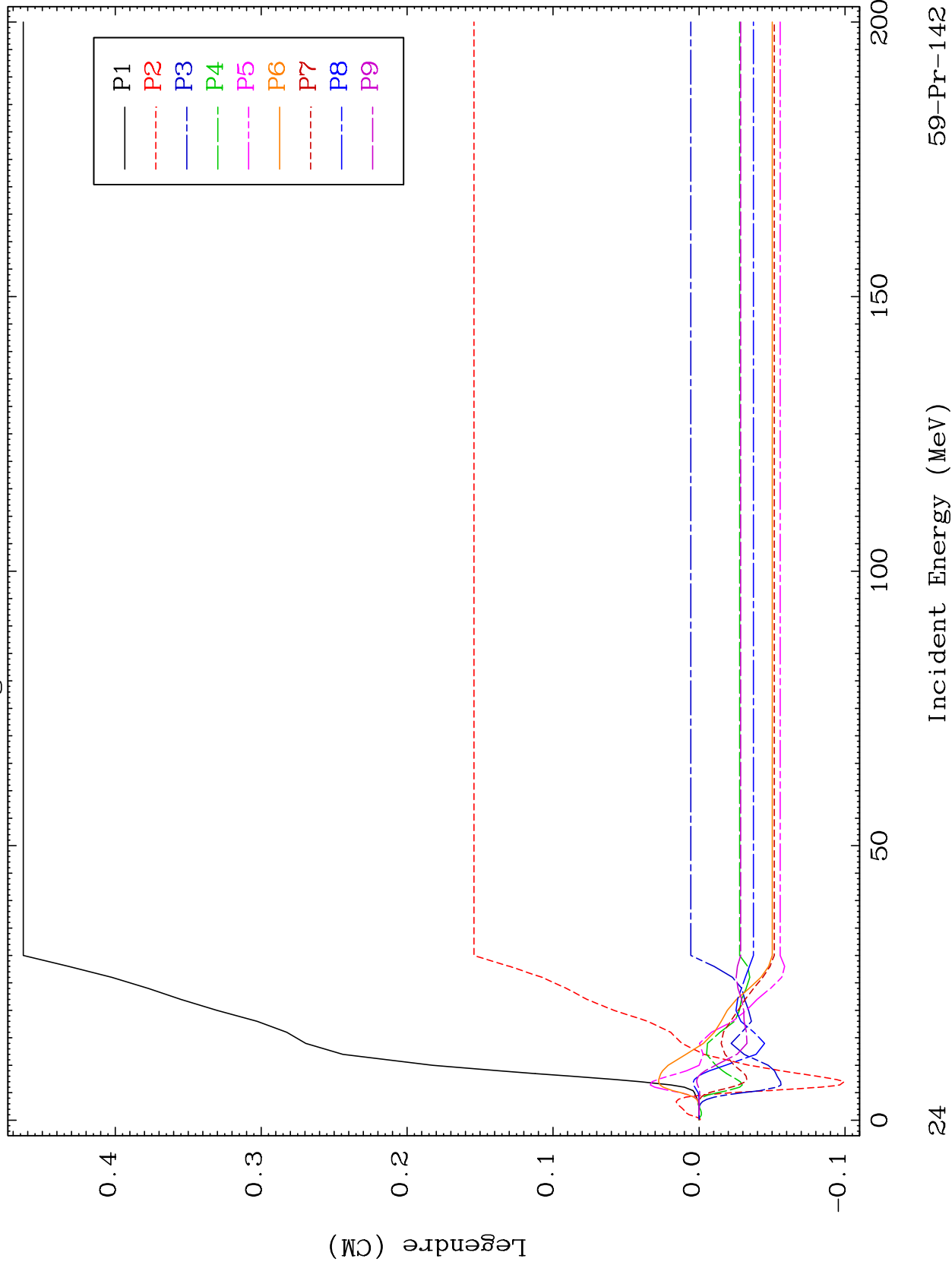




MAT 5928

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

59-Pr-142



59-Pr-142

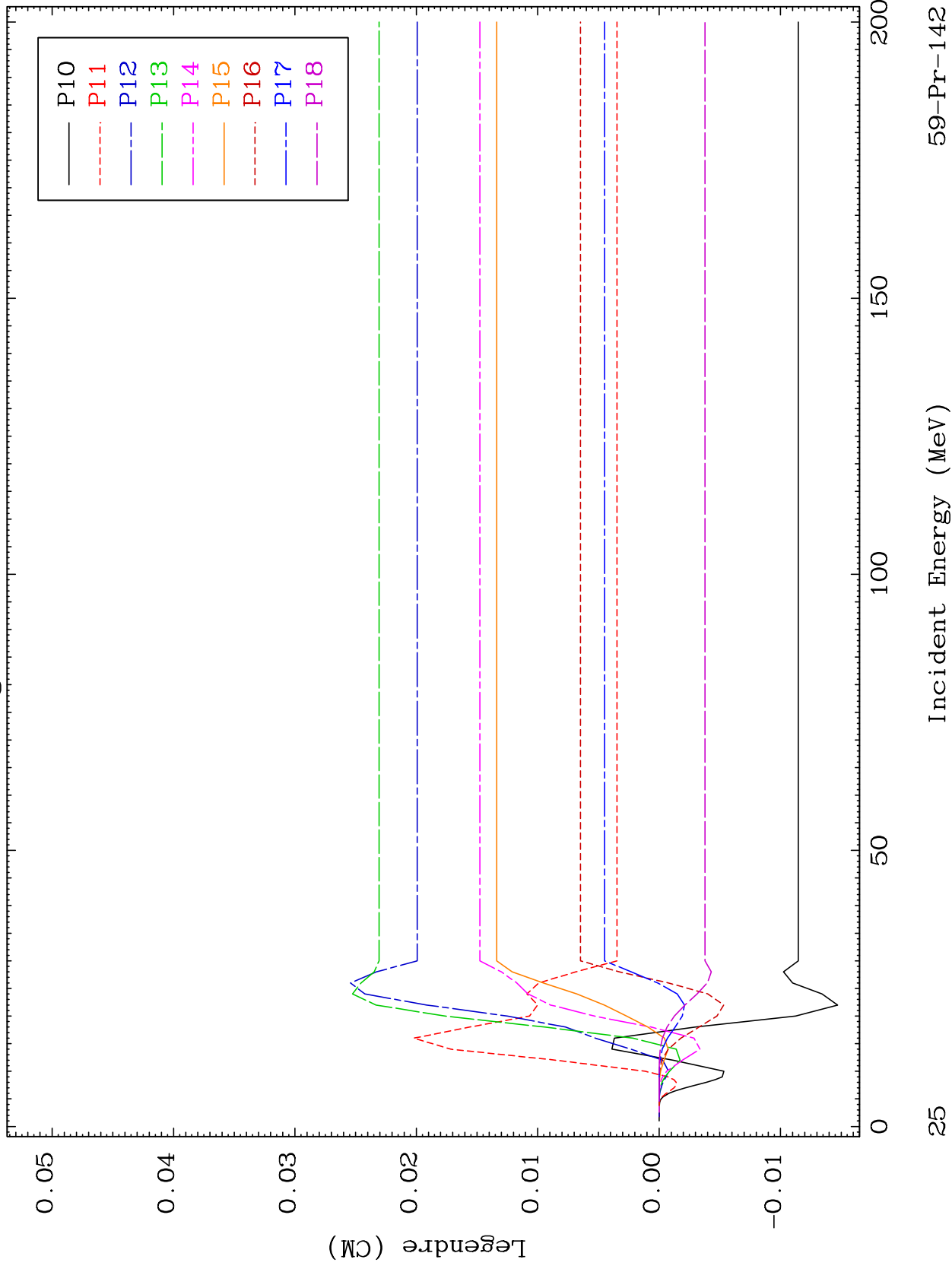
Incident Energy (MeV)

24

MAT 5928

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

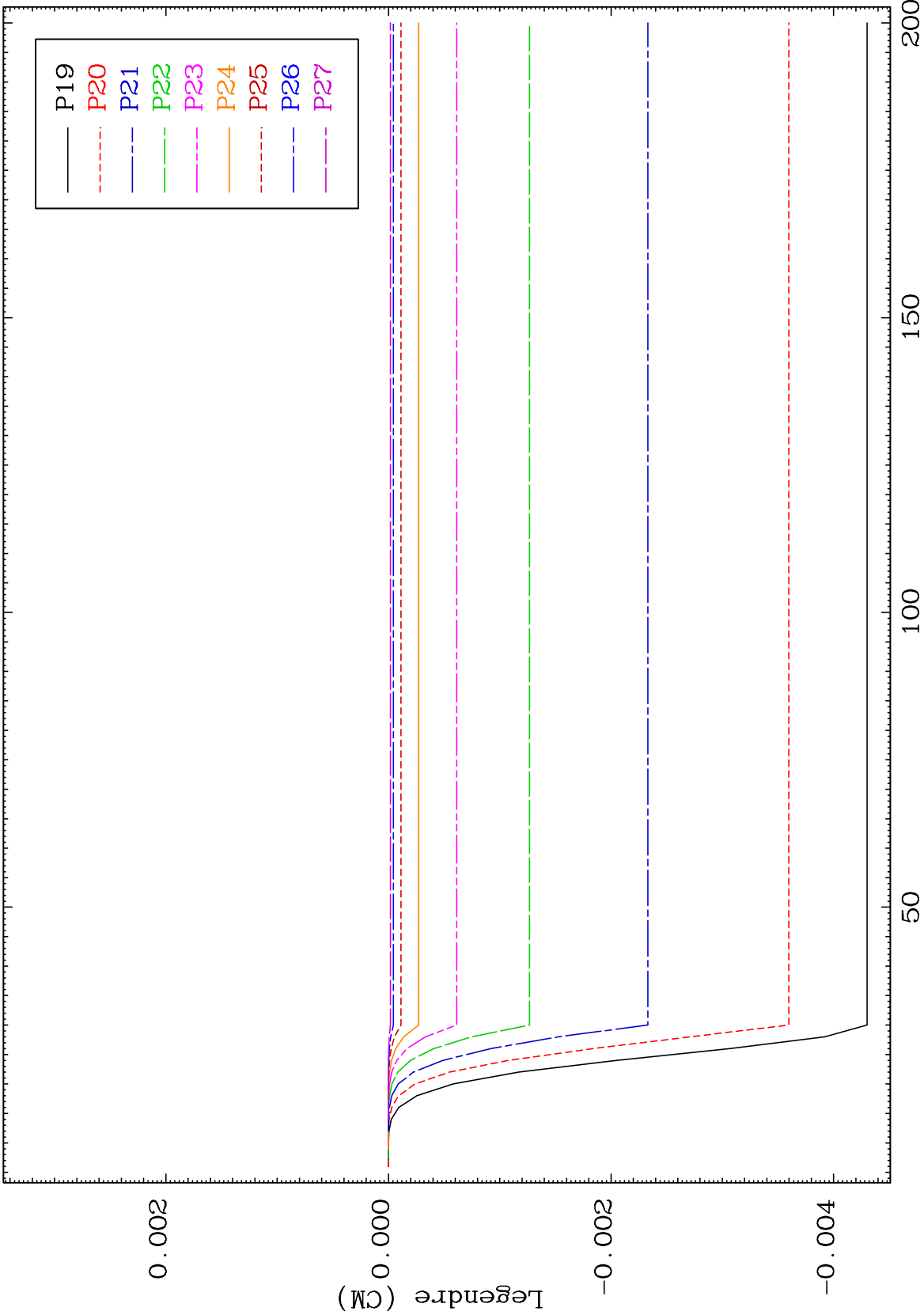
59-Pr-142



59-Pr-142

Incident Energy (MeV)

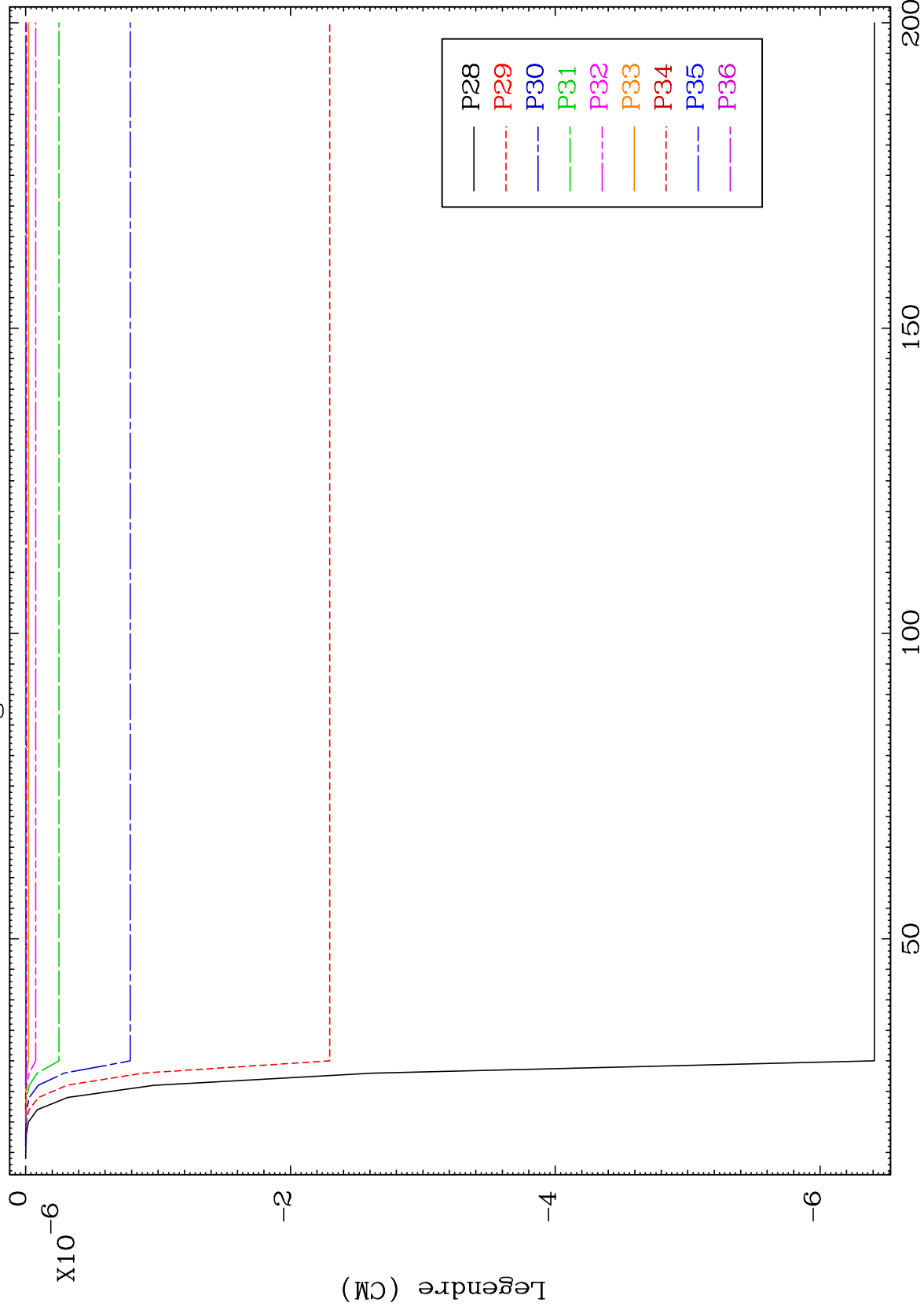
25



MAT 5928

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

59-Pr-142



27

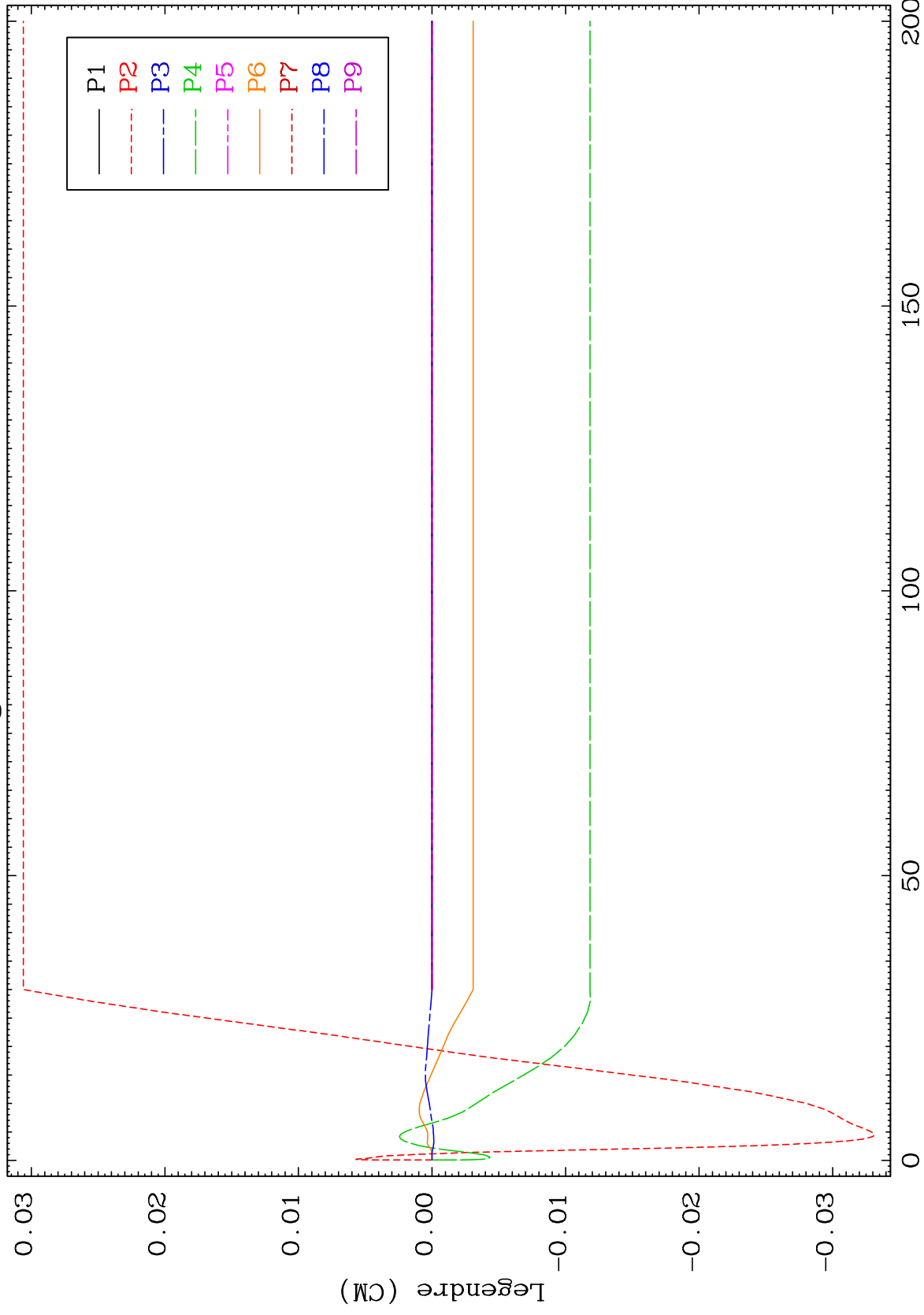
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



28

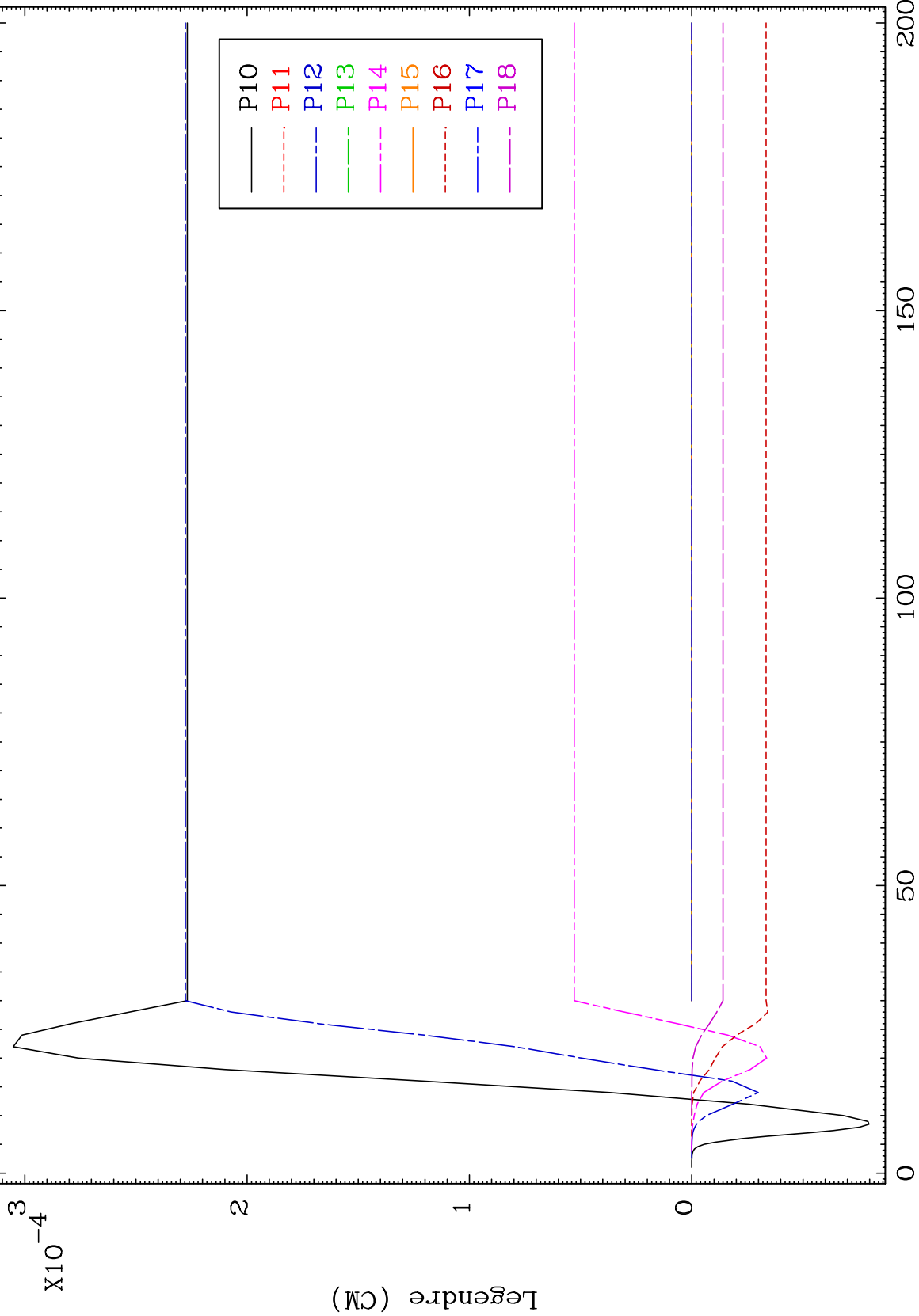
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



29

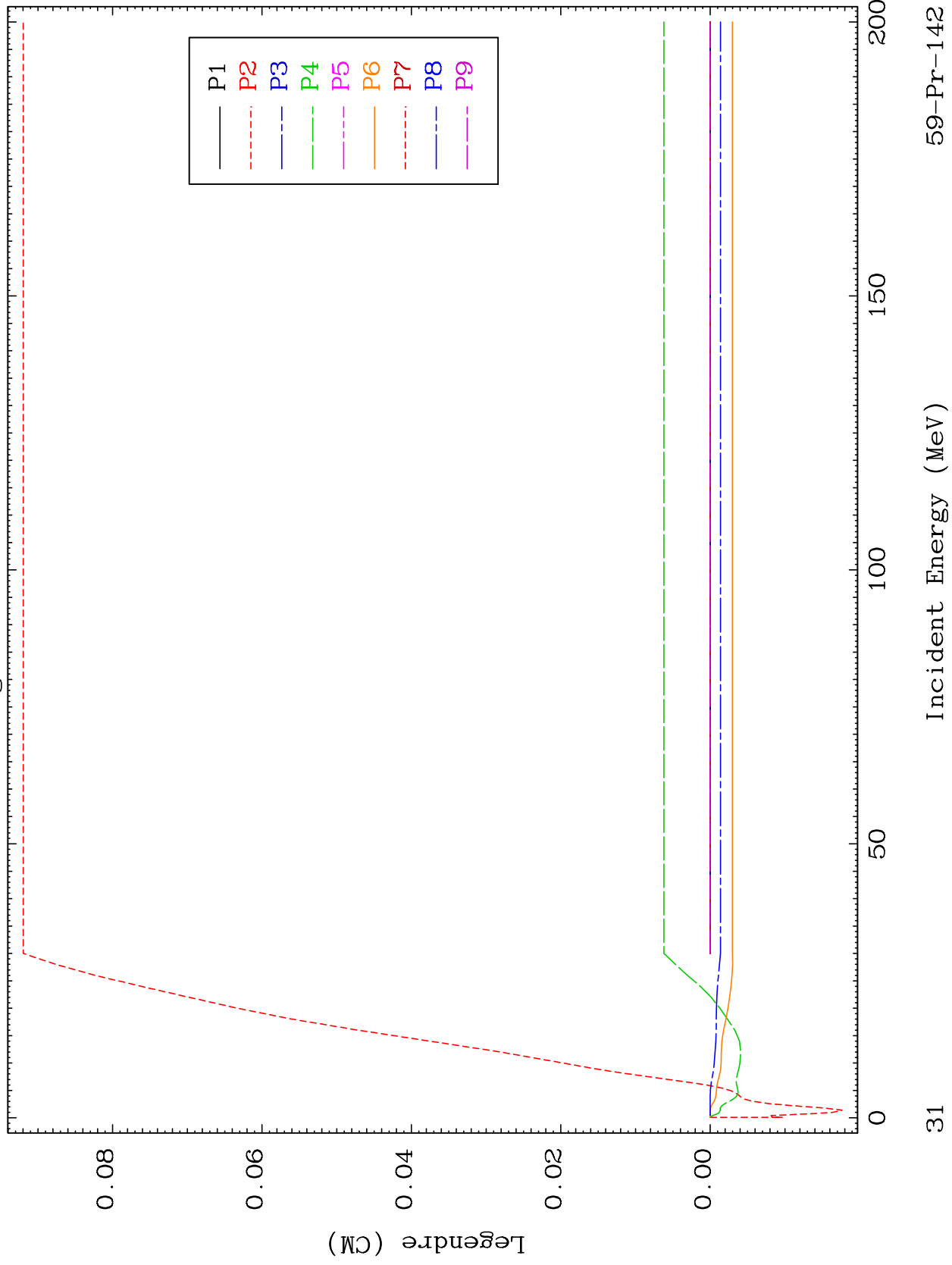
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

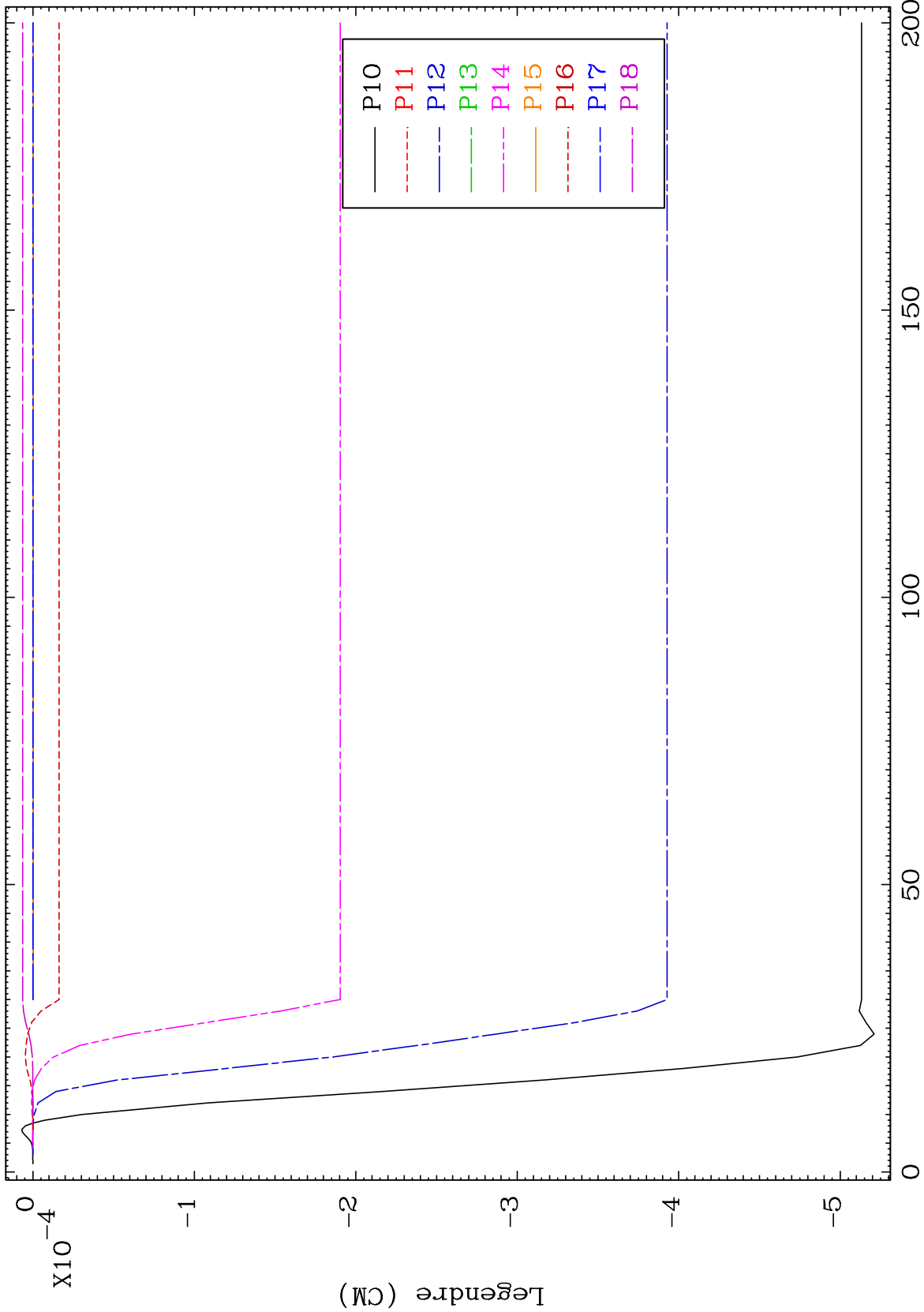
59-Pr-142



59-Pr-142

Incident Energy (MeV)

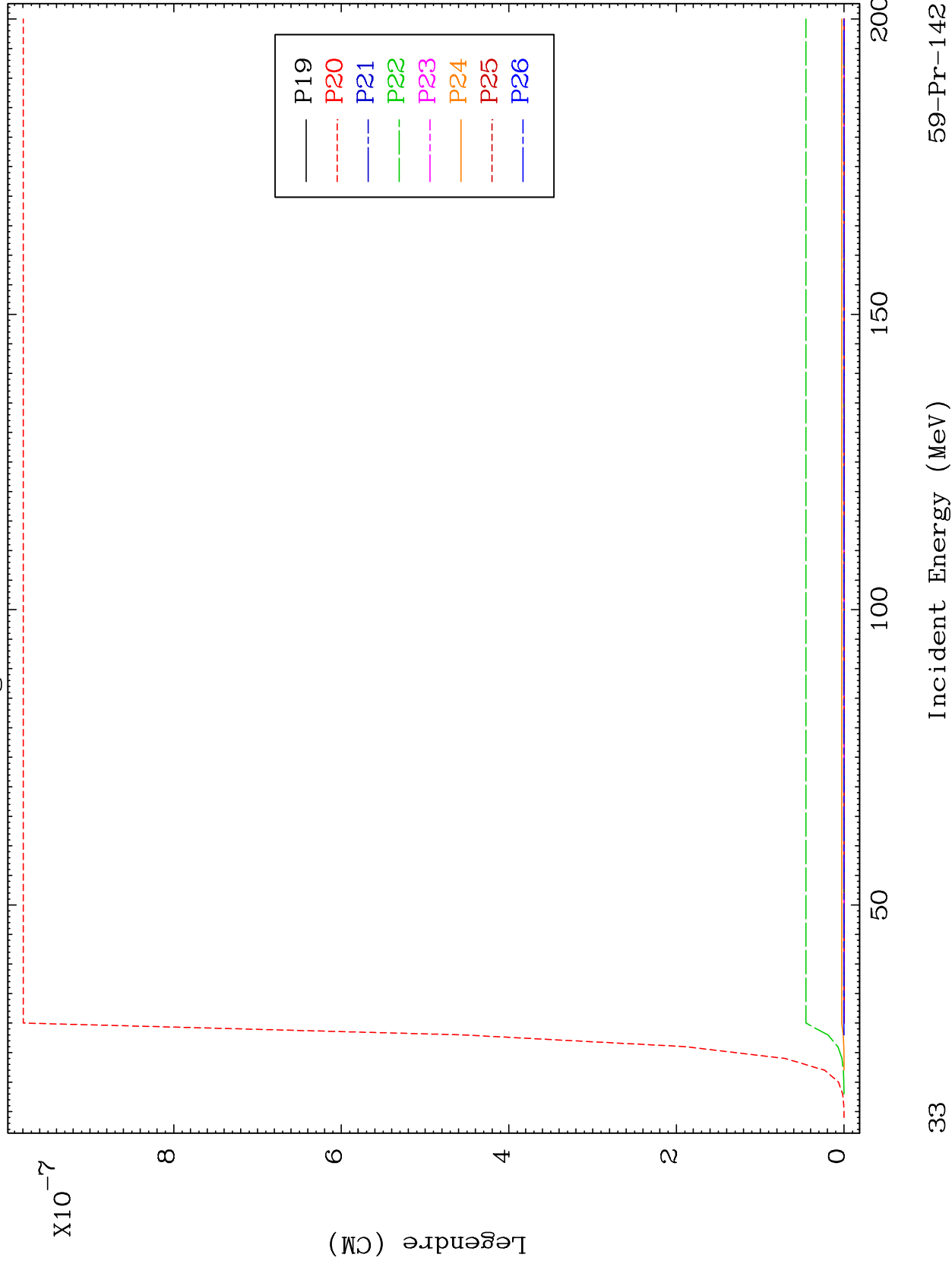
31



MAT 5928

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

59-Pr-142



33

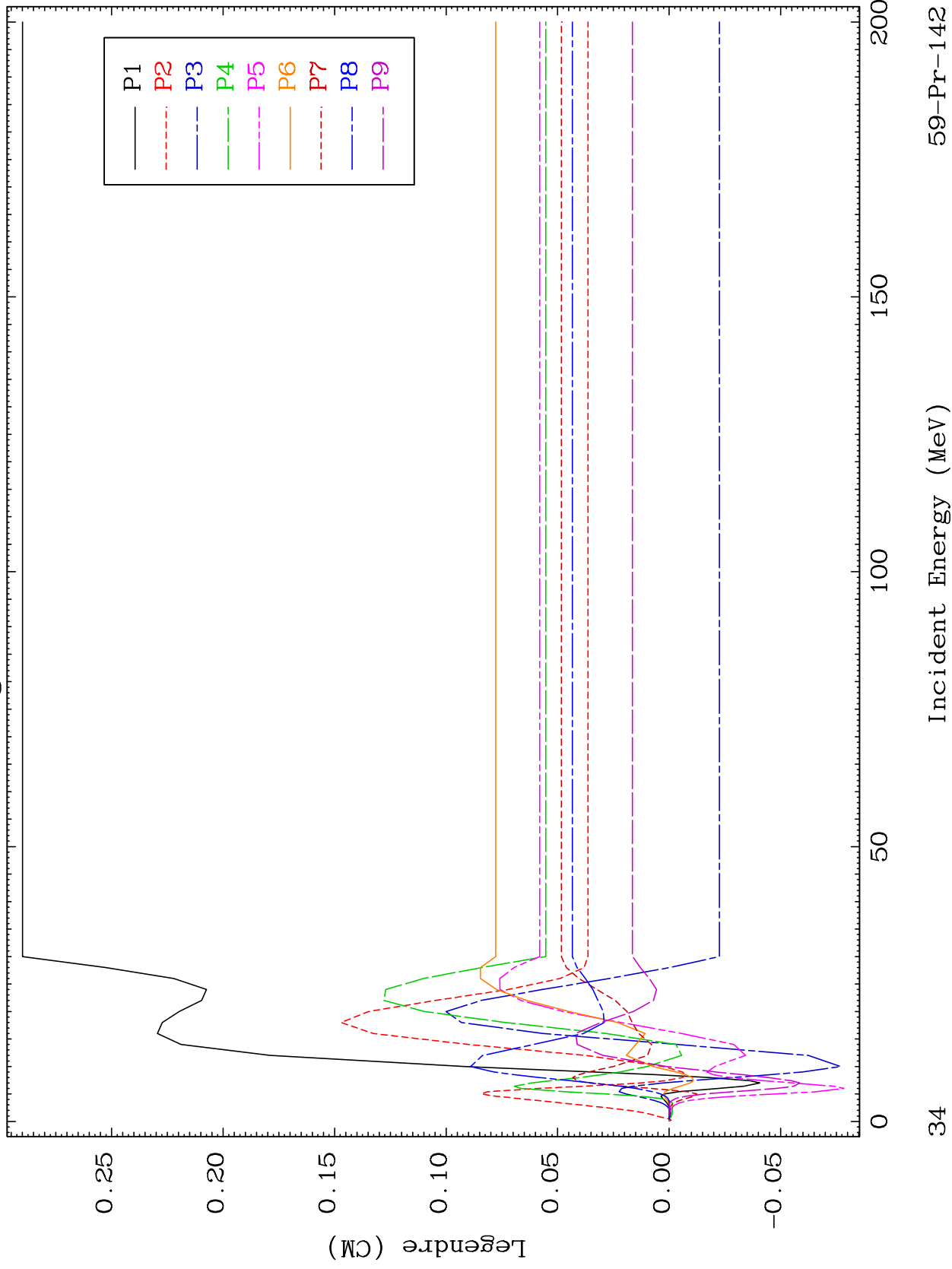
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



34

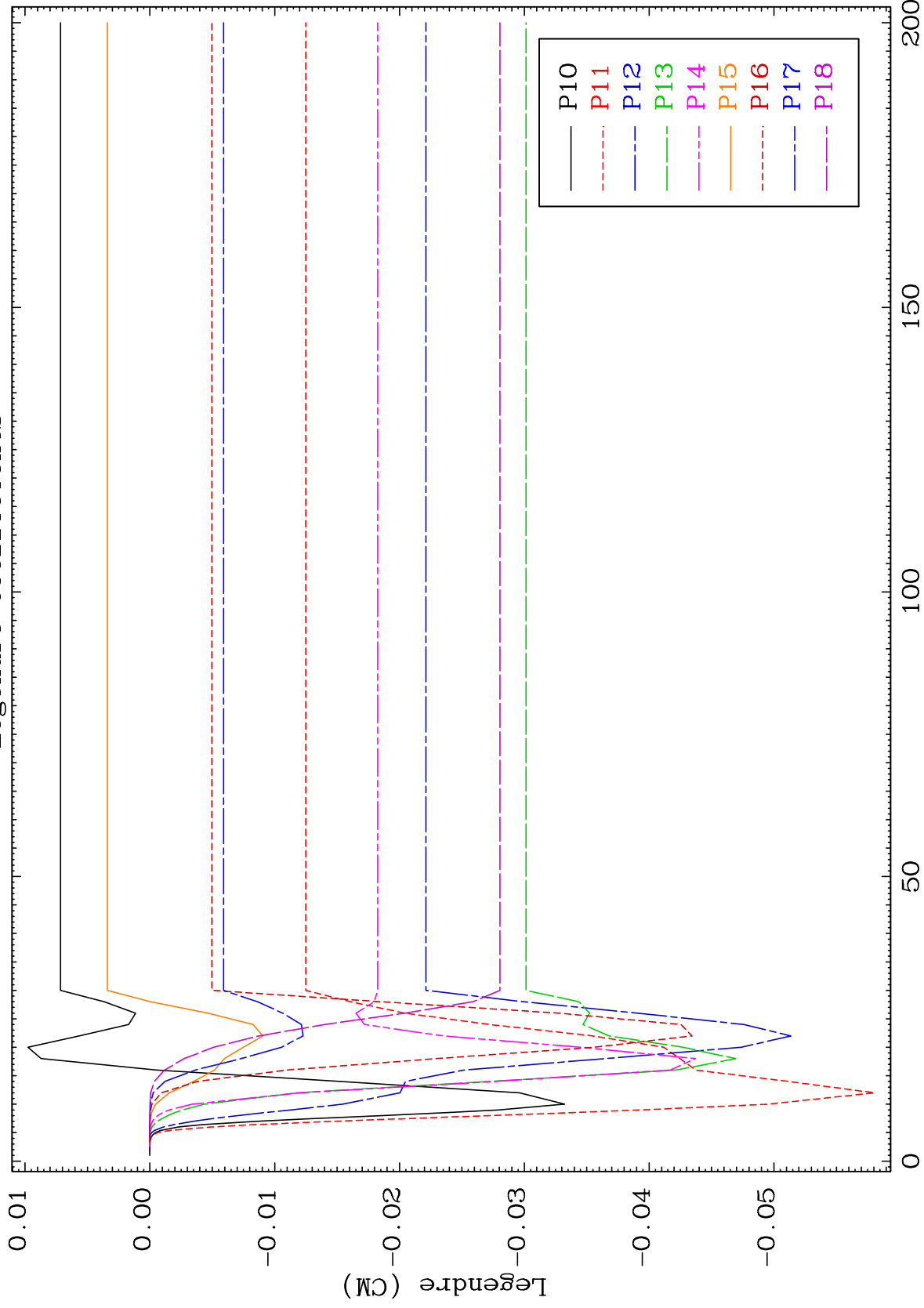
Incident Energy (MeV)

59-Pr-142

MAT 5928

59-Pr-142

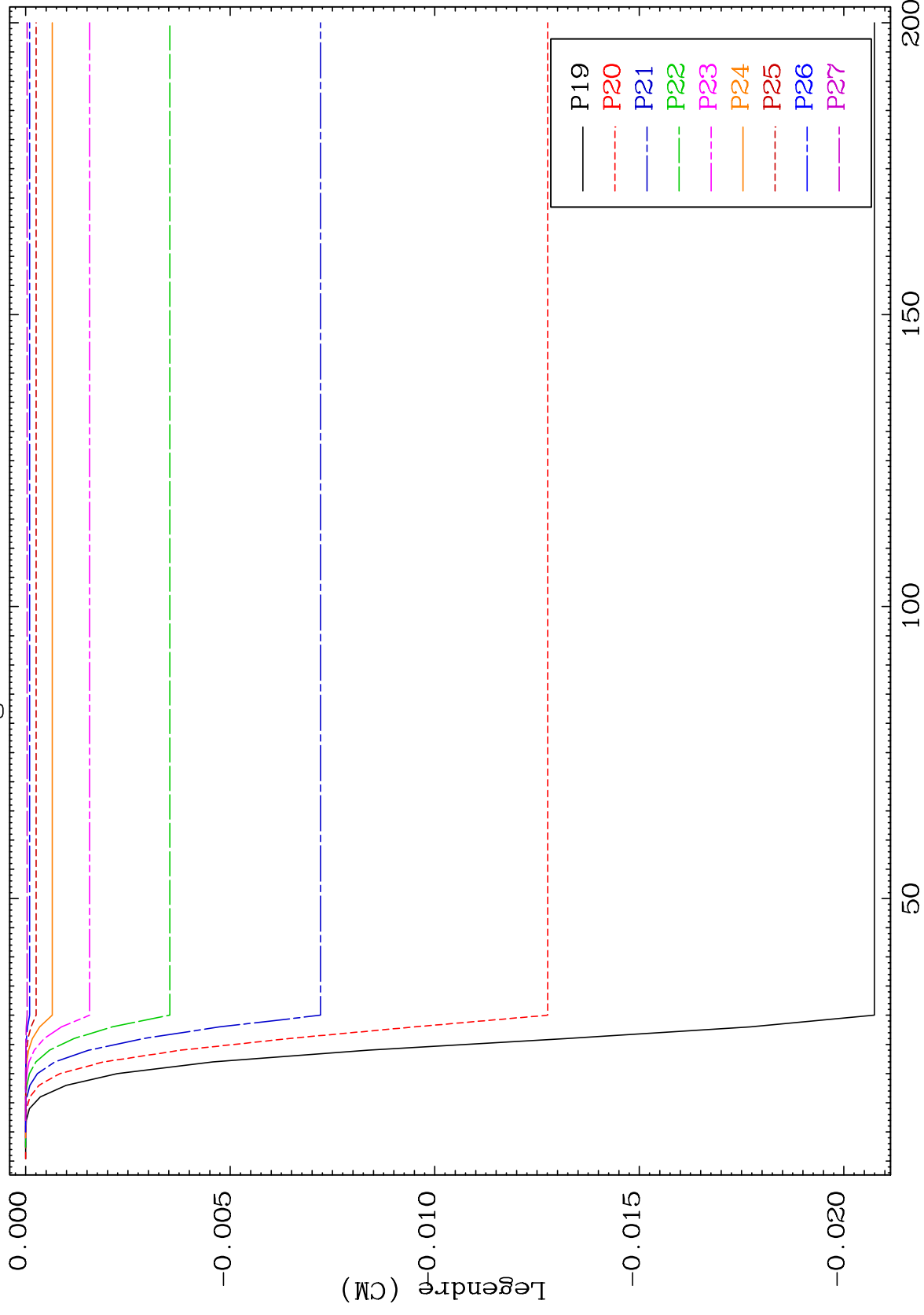
MT= 55 (n,n') Level
Legendre Coefficients



59-Pr-142

Incident Energy (MeV)

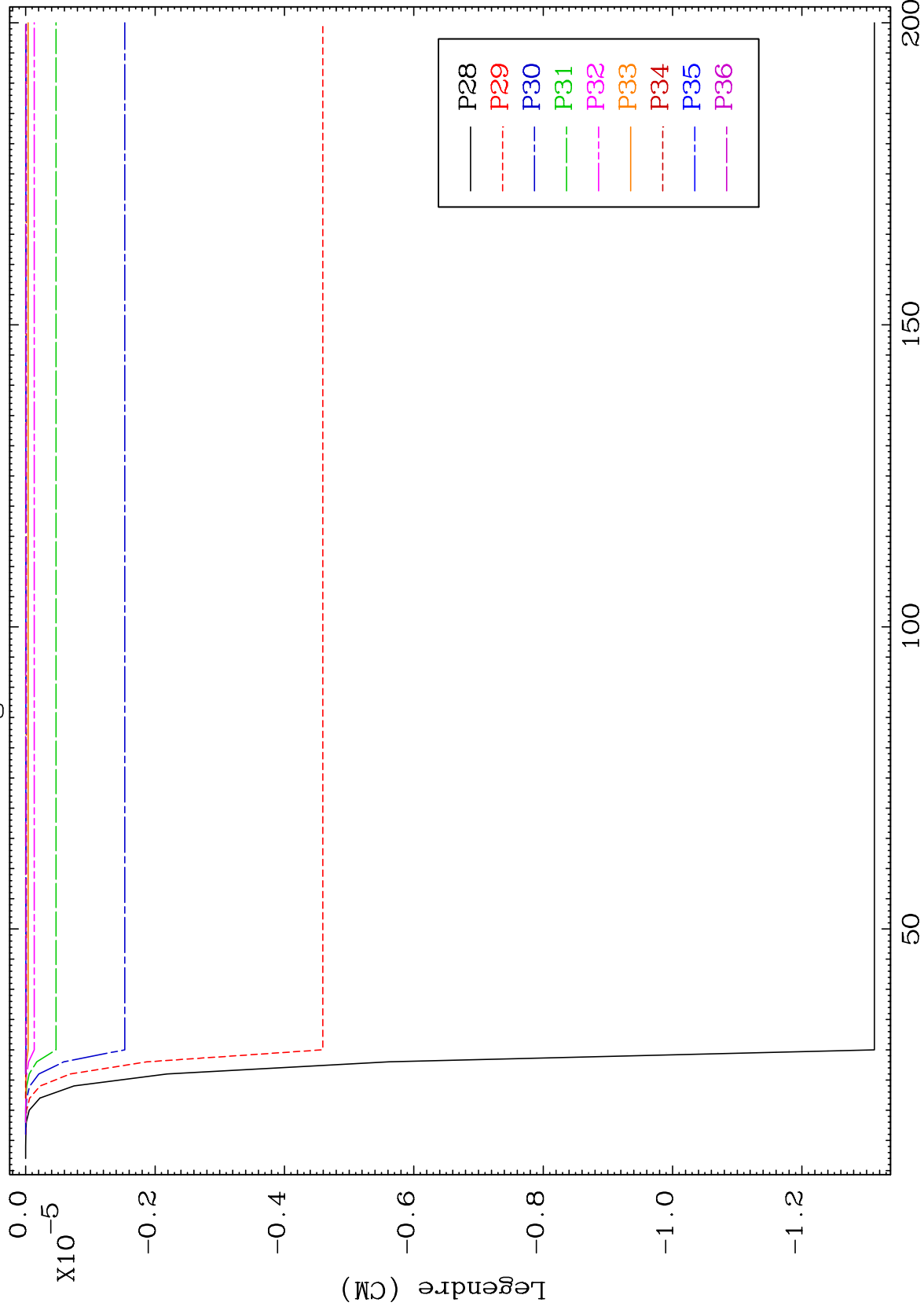
35



MAT 5928

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

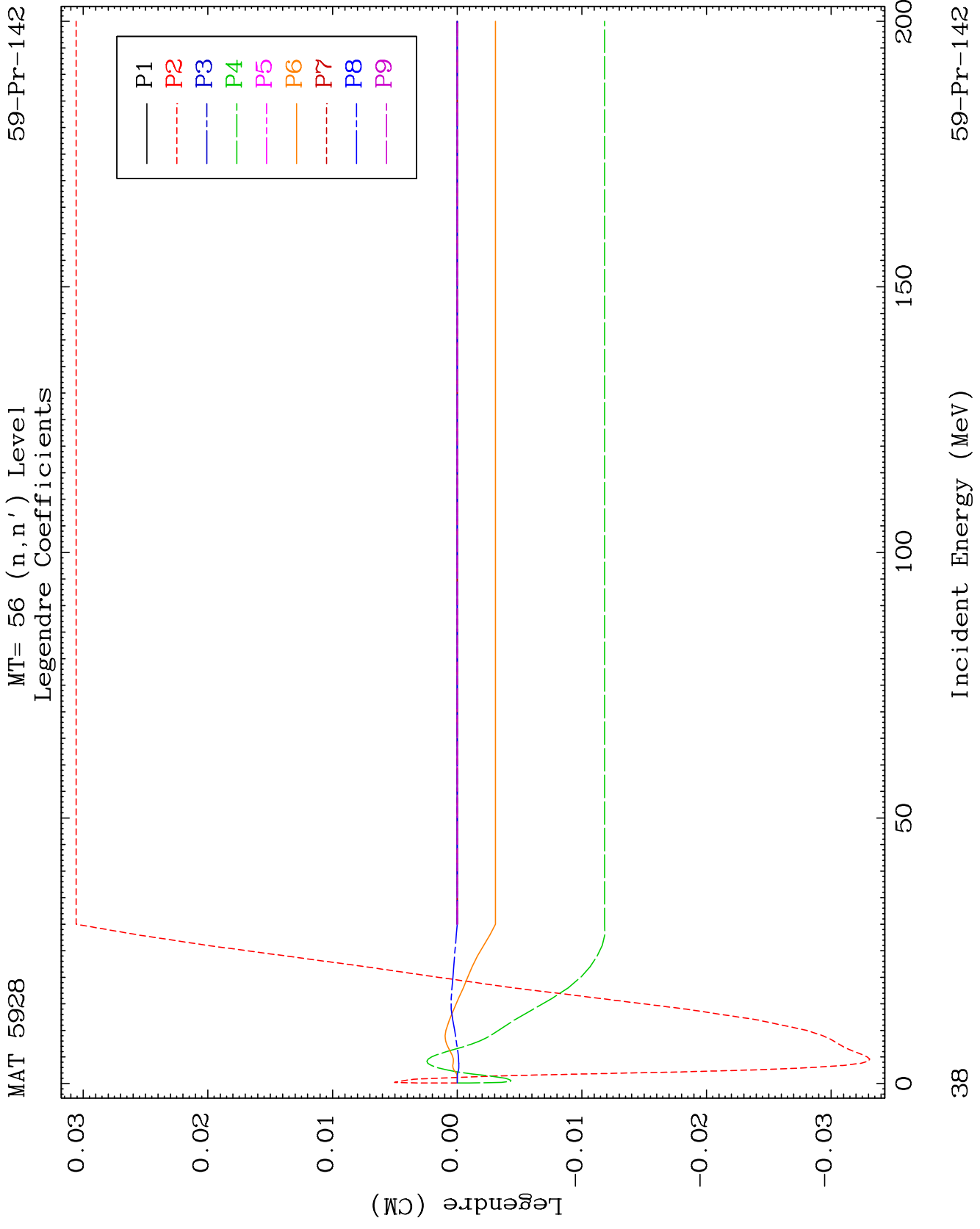
59-Pr-142



37

Incident Energy (MeV)

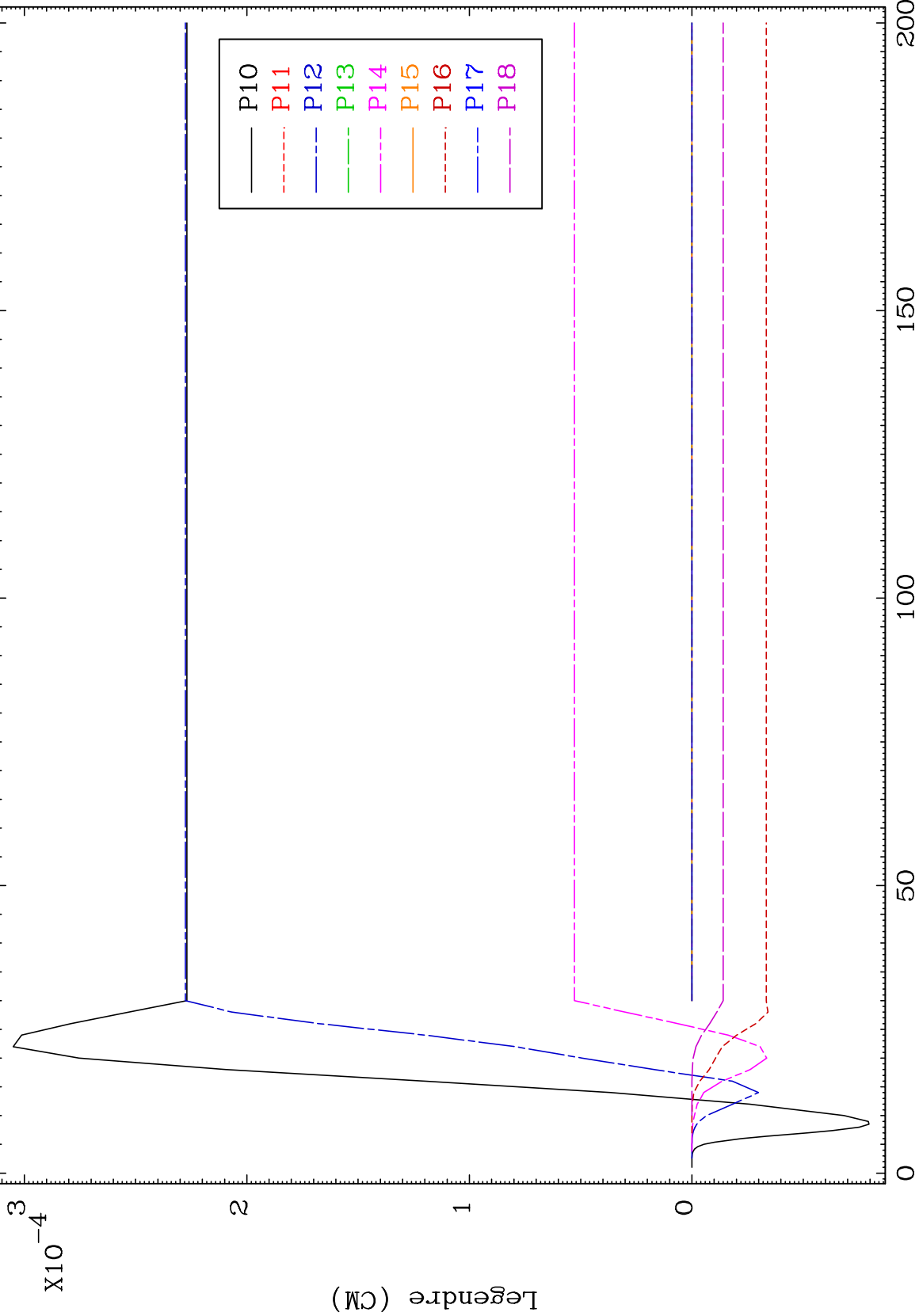
59-Pr-142



MAT 5928

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

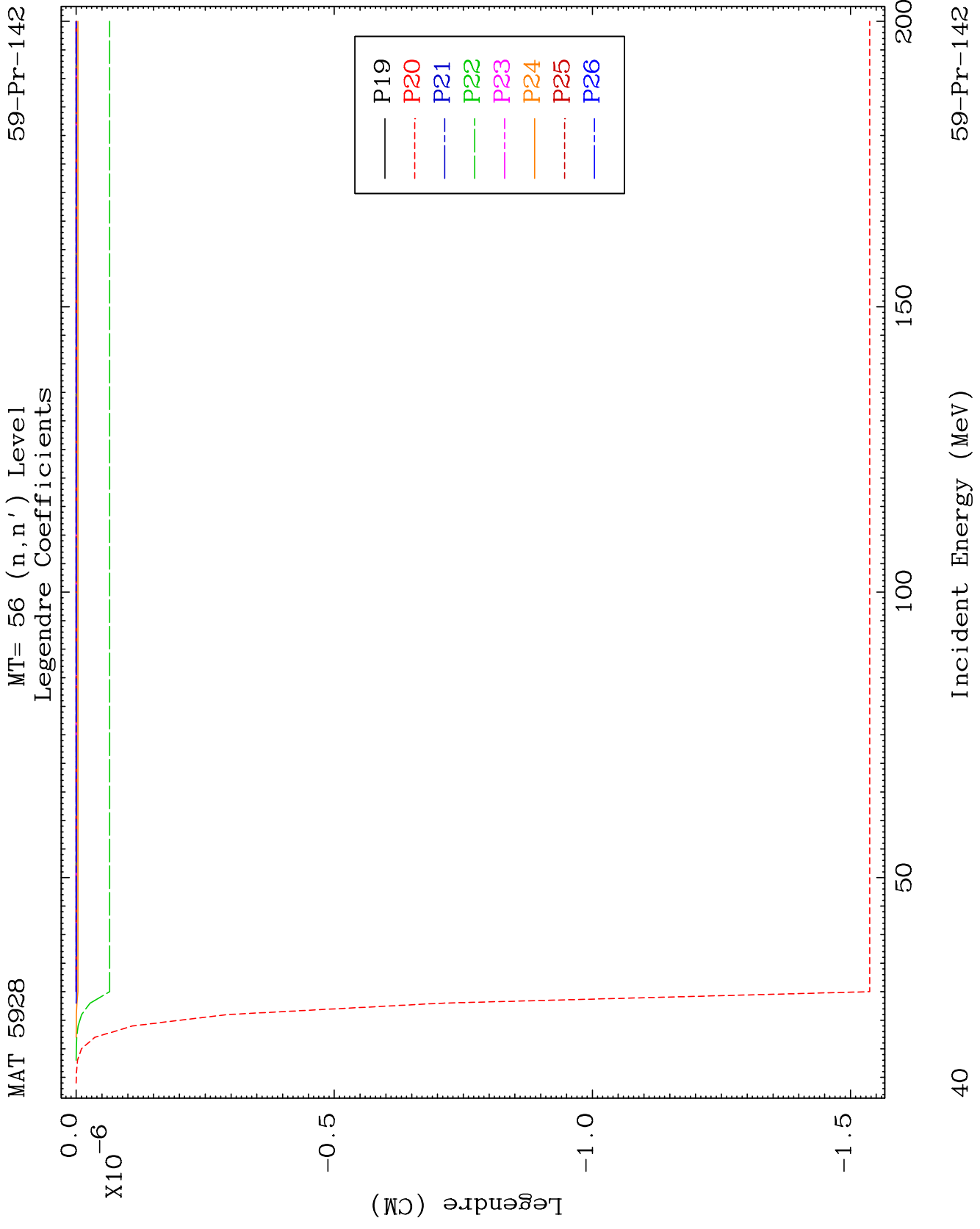
59-Pr-142



39

Incident Energy (MeV)

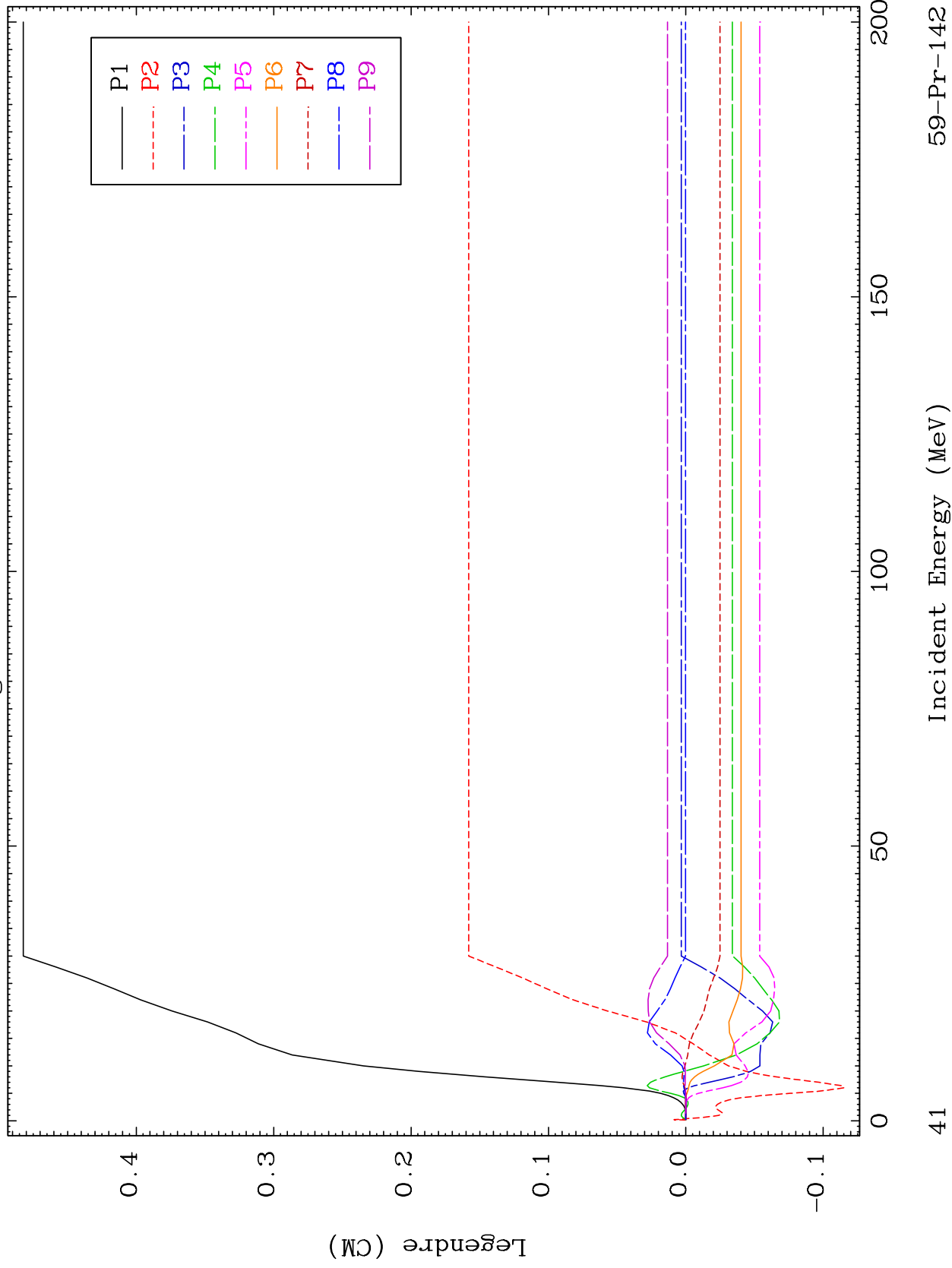
59-Pr-142



MAT 5928

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

59-Pr-142



59-Pr-142

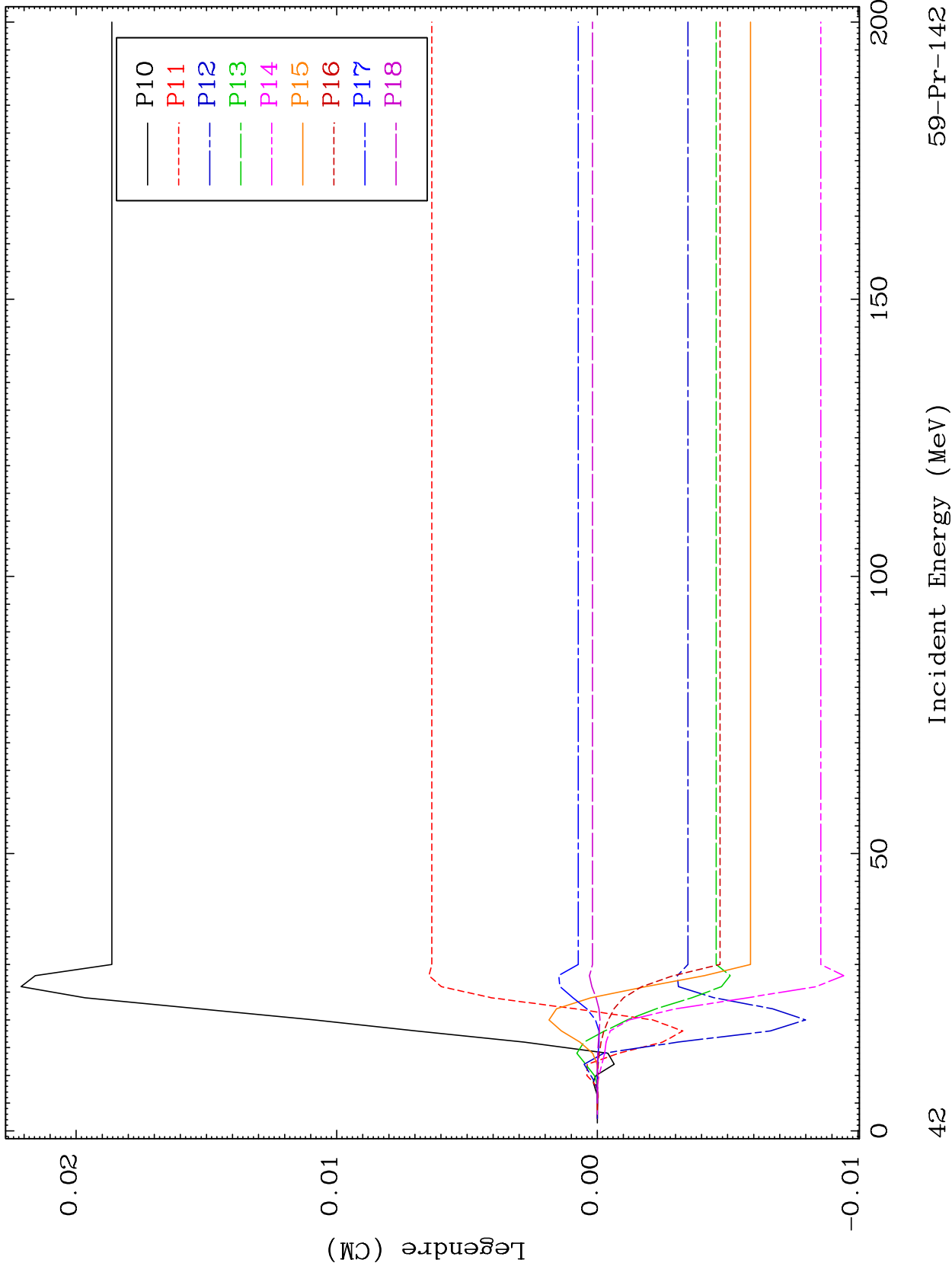
Incident Energy (MeV)

41

MAT 5928

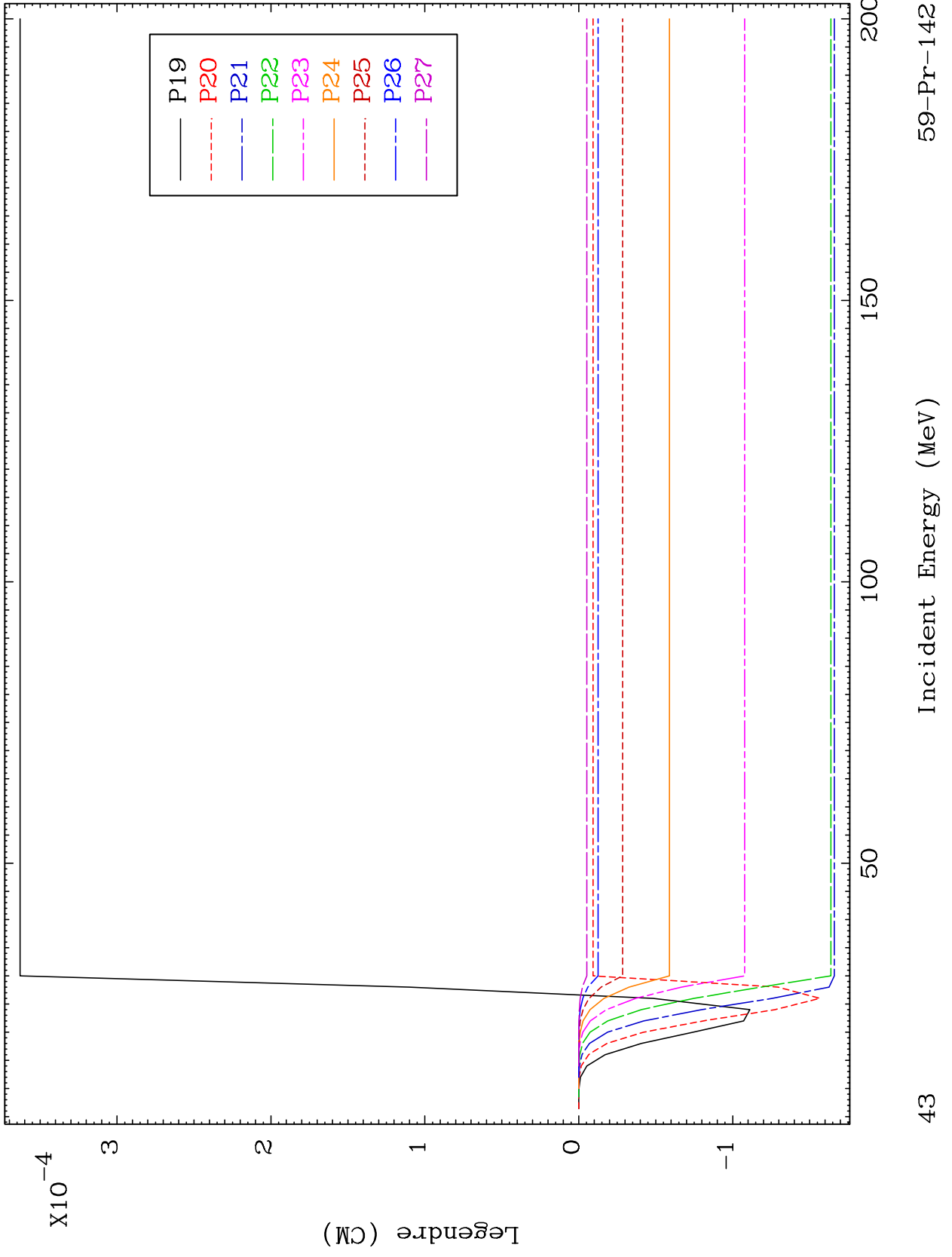
MT= 57 (n,n') Level
Legendre Coefficients

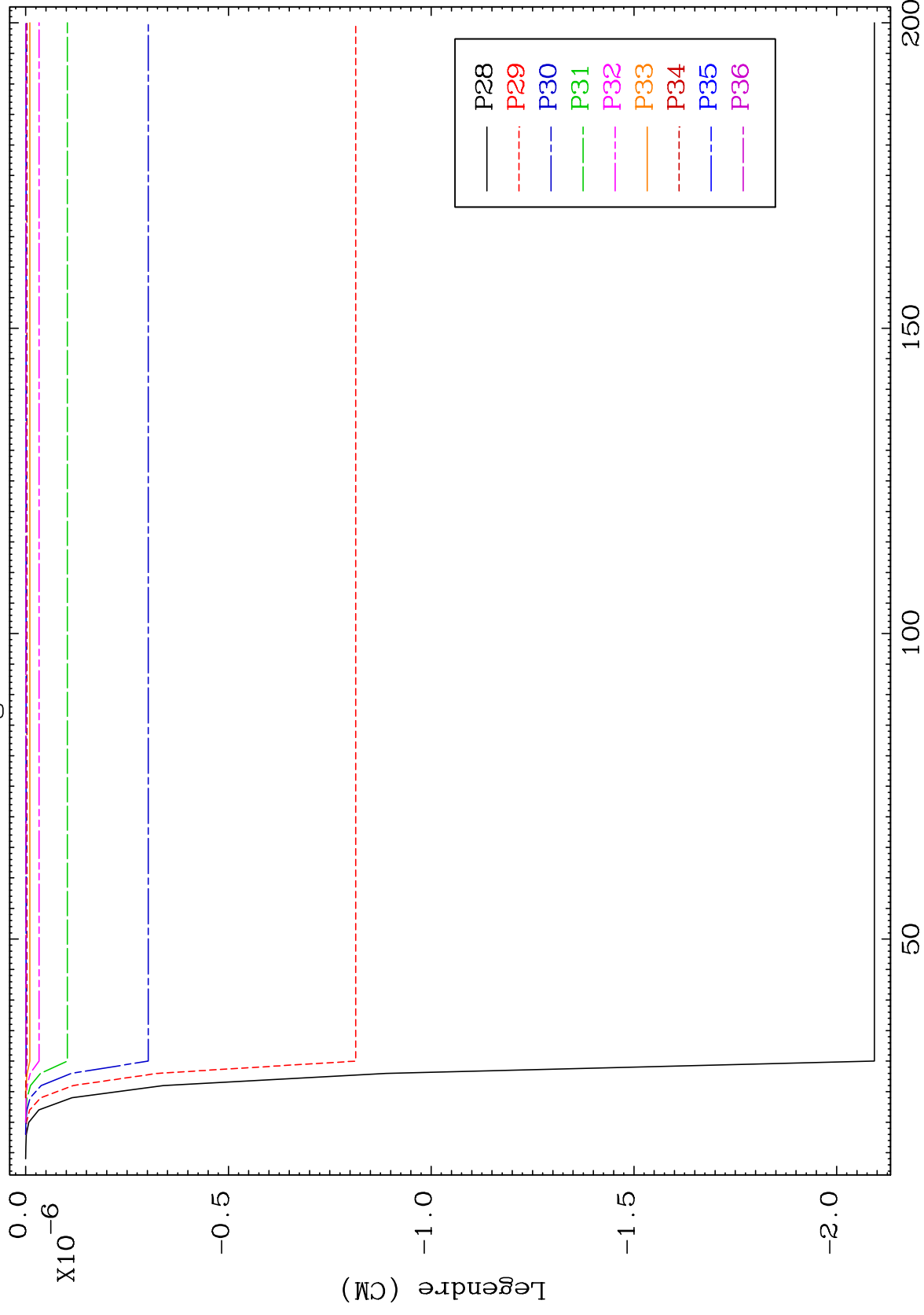
59-Pr-142



42

59-Pr-142

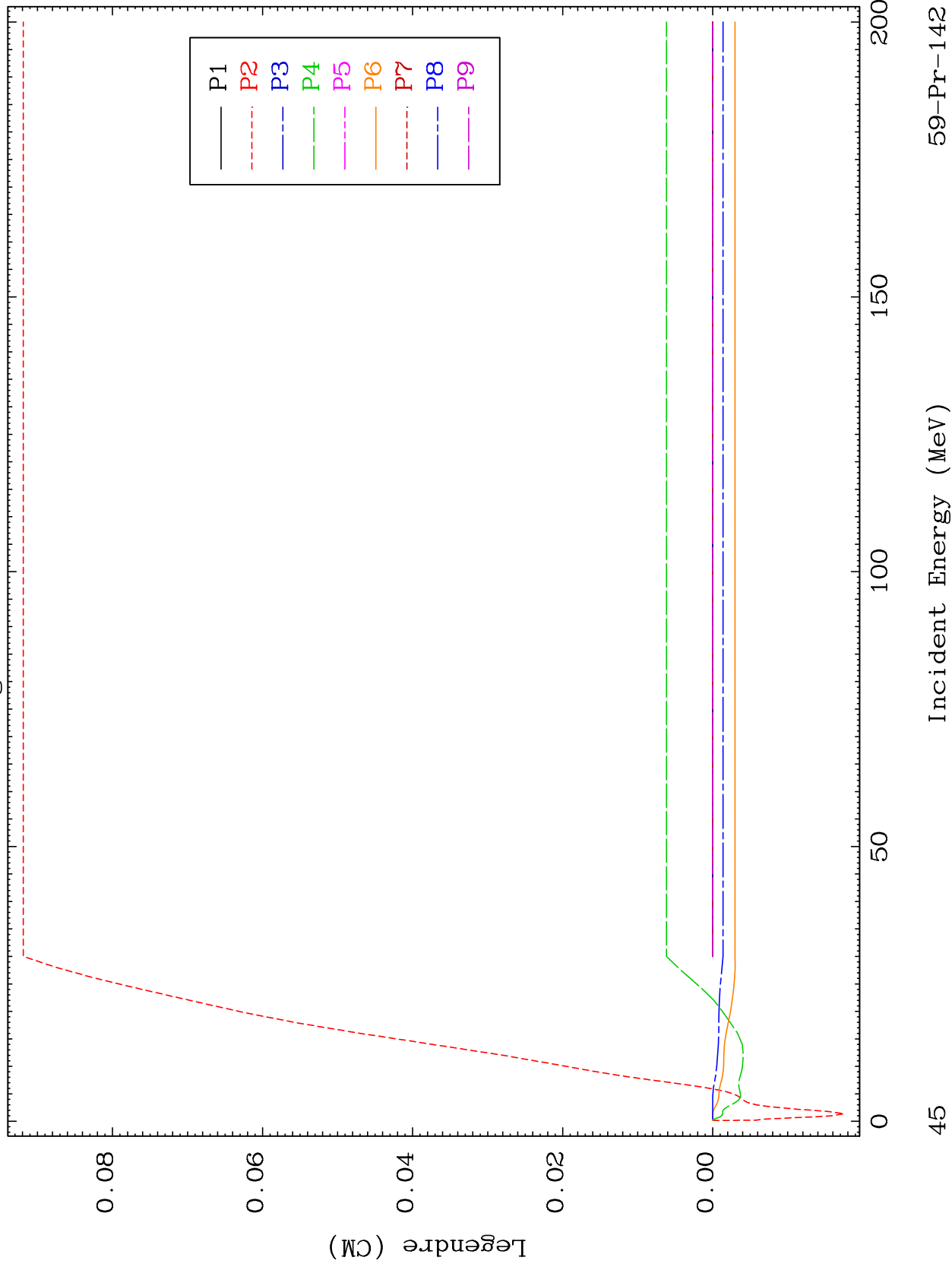




MAT 5928

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

59-Pr-142

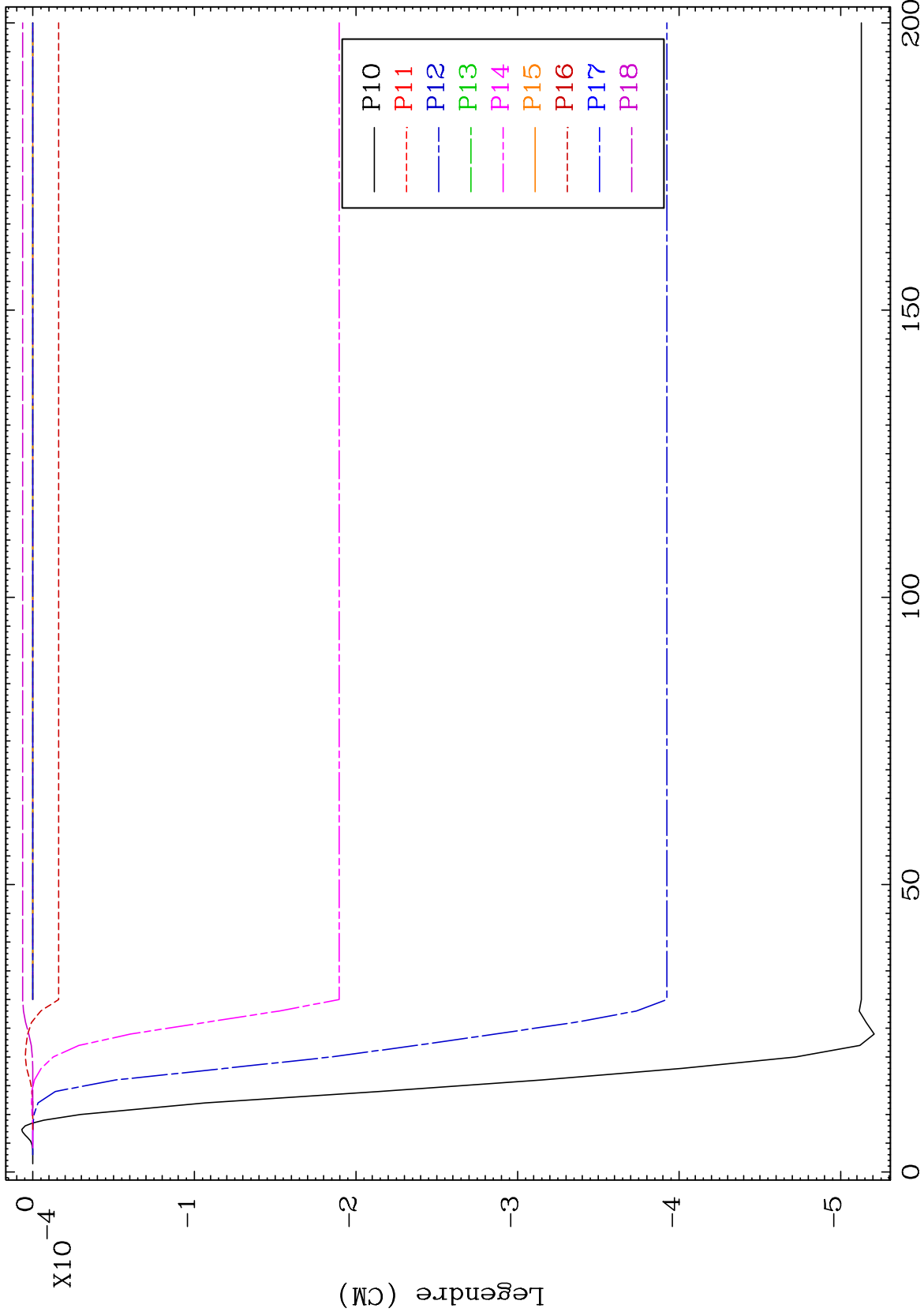


59-Pr-142

MAT 5928

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

59-Pr-142



46

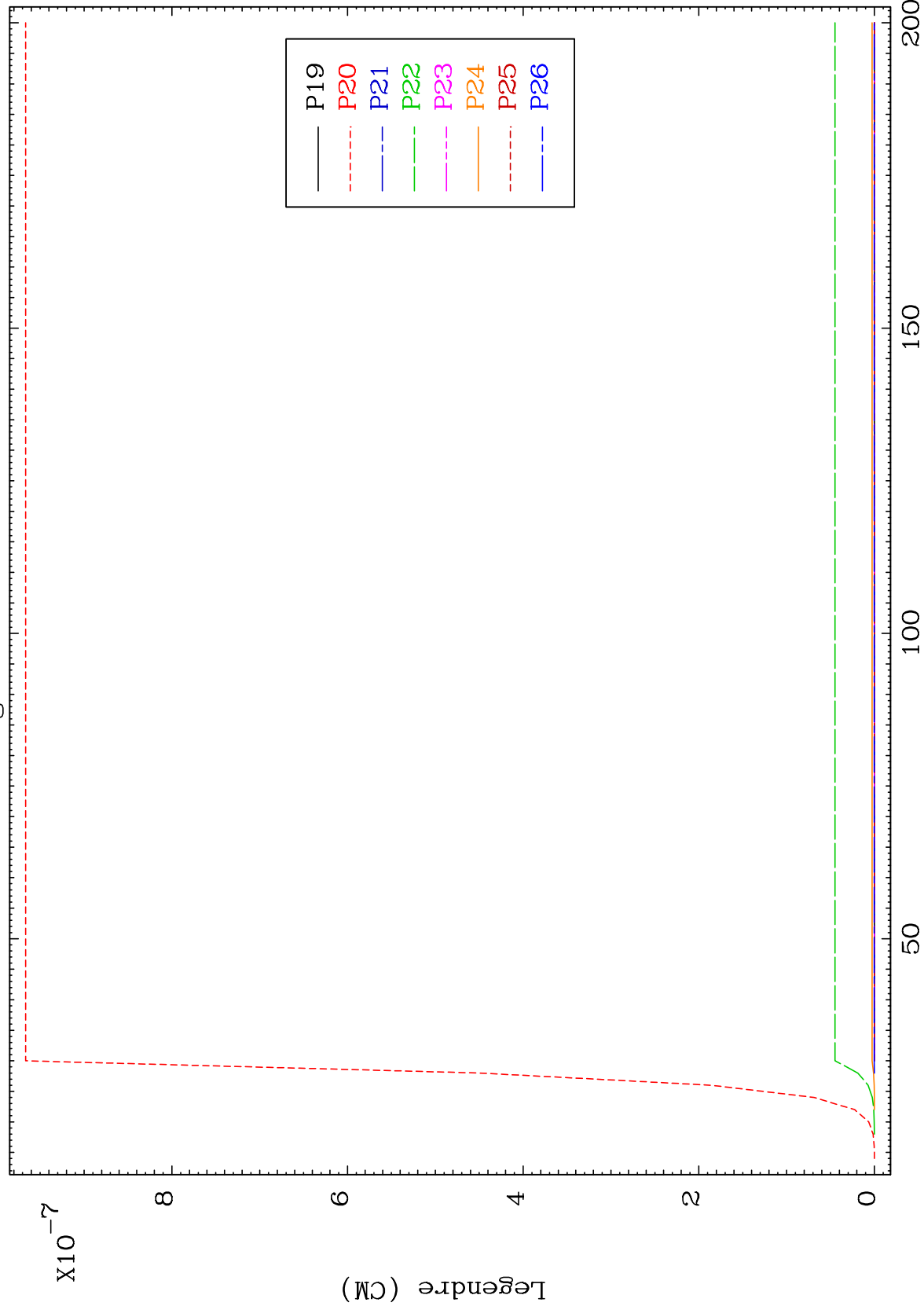
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



59-Pr-142

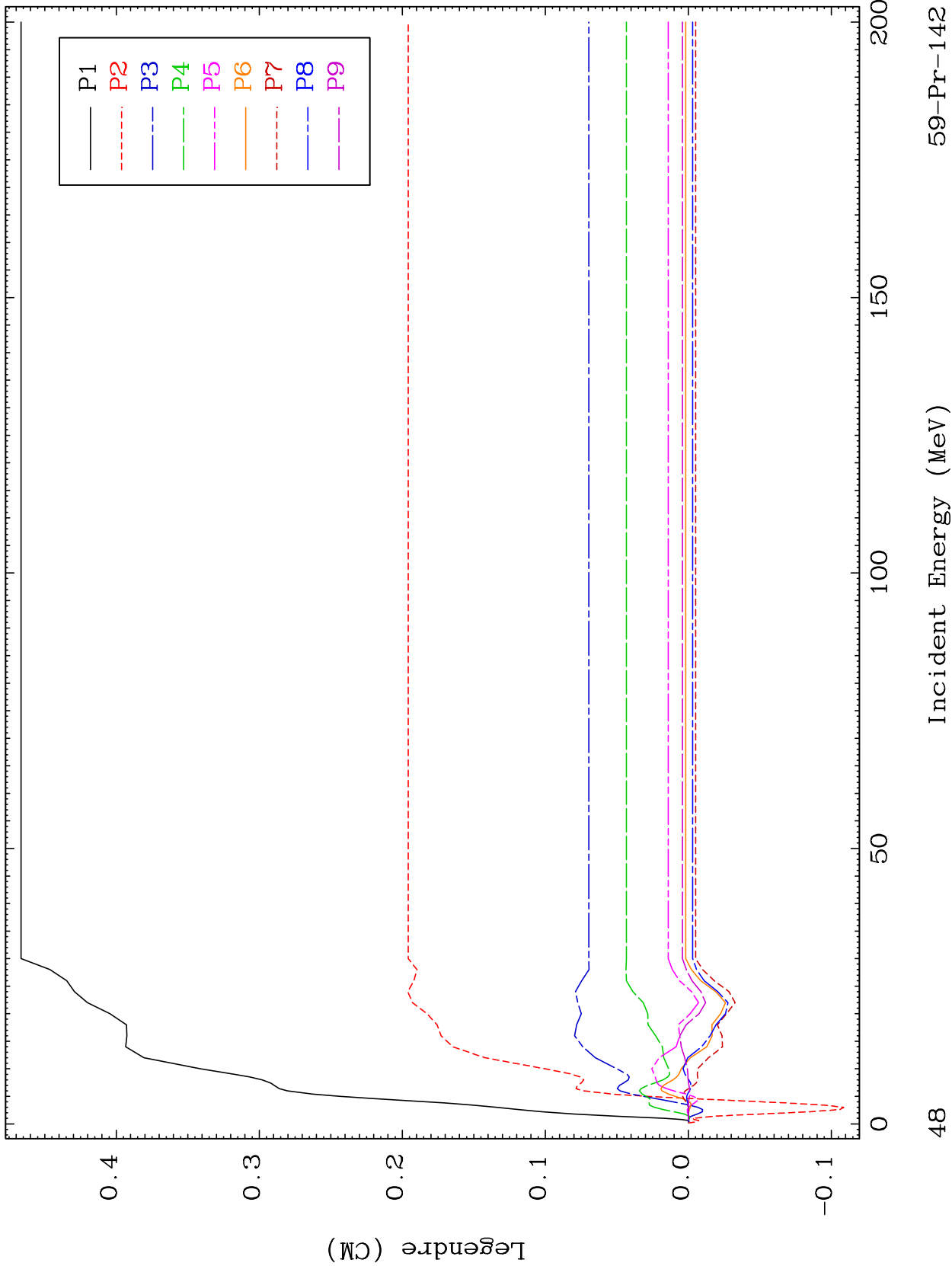
Incident Energy (MeV)

47

MAT 5928

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

59-Pr-142



59-Pr-142

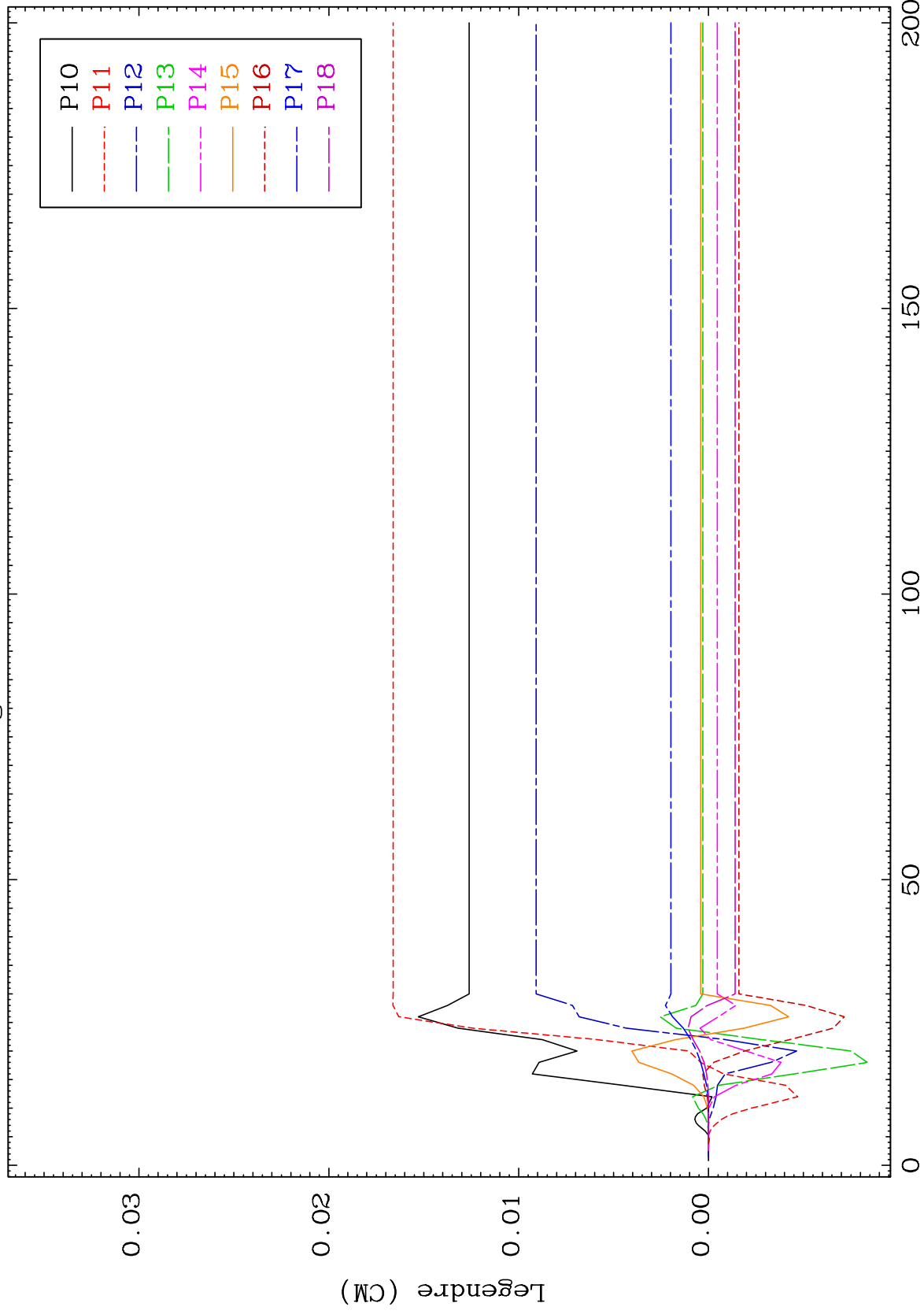
Incident Energy (MeV)

48

MAT 5928

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

59-Pr-142



49

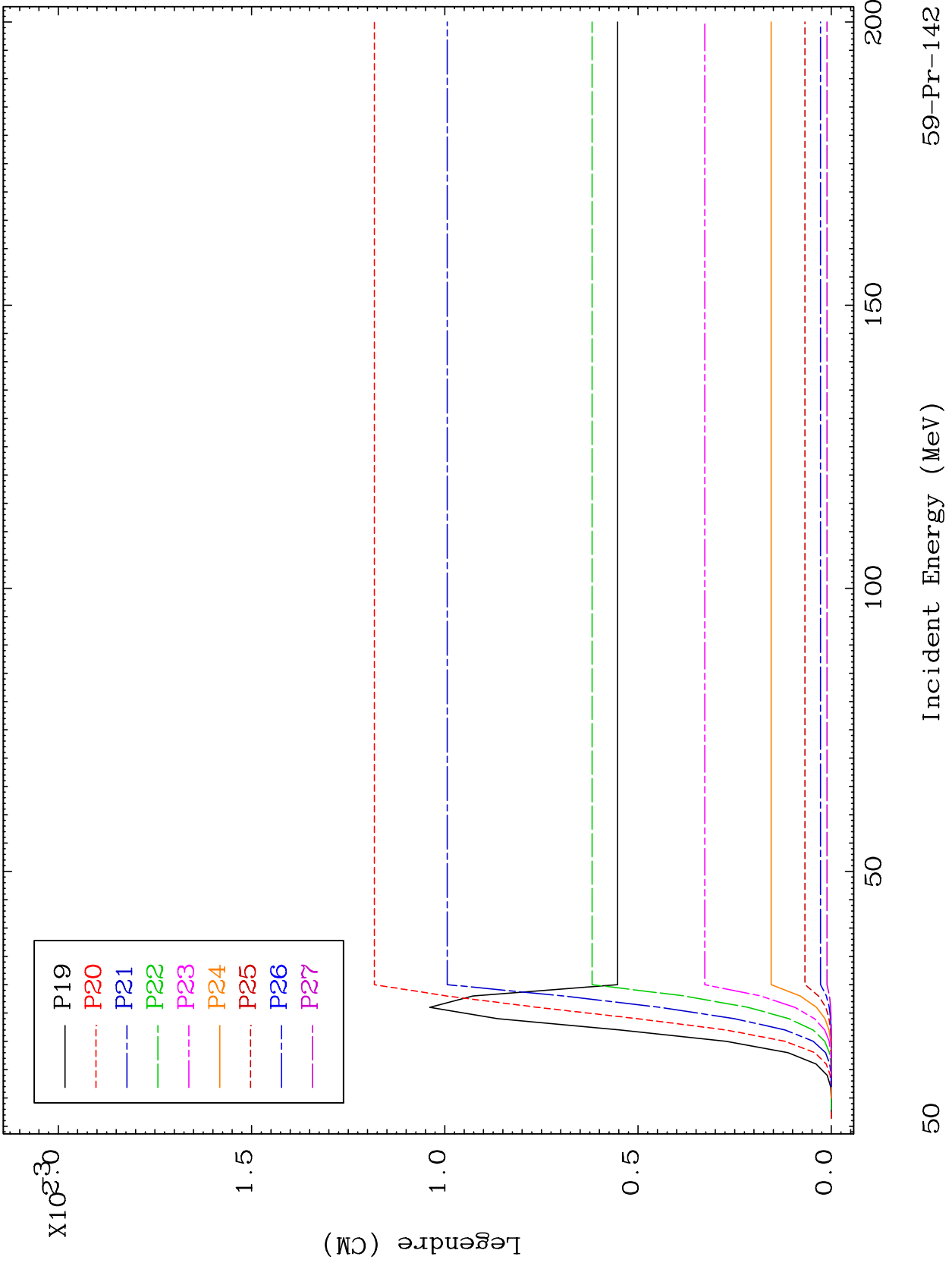
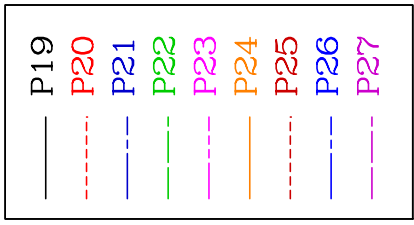
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142

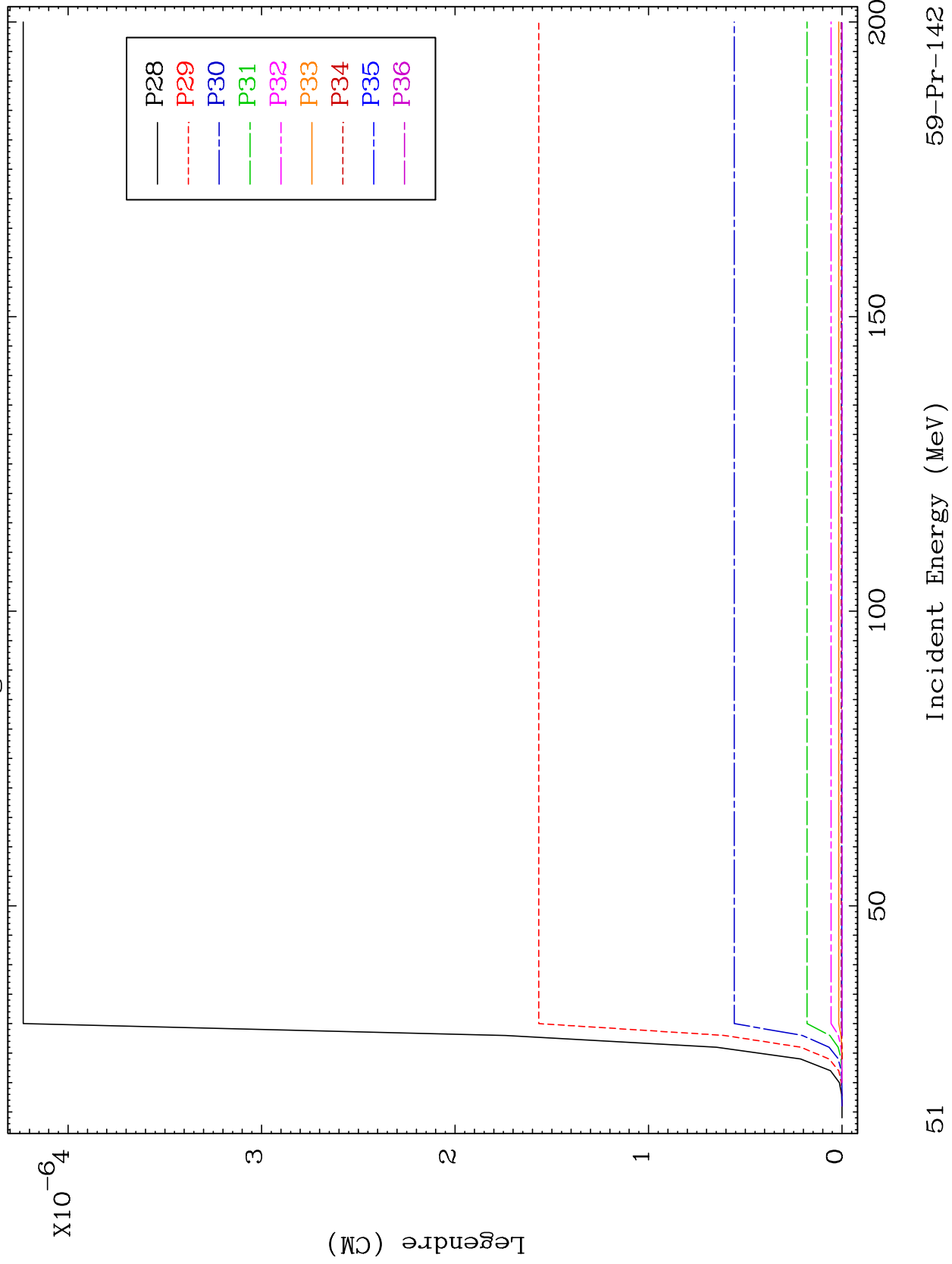


59-Pr-142

MAT 5928

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

59-Pr-142



51

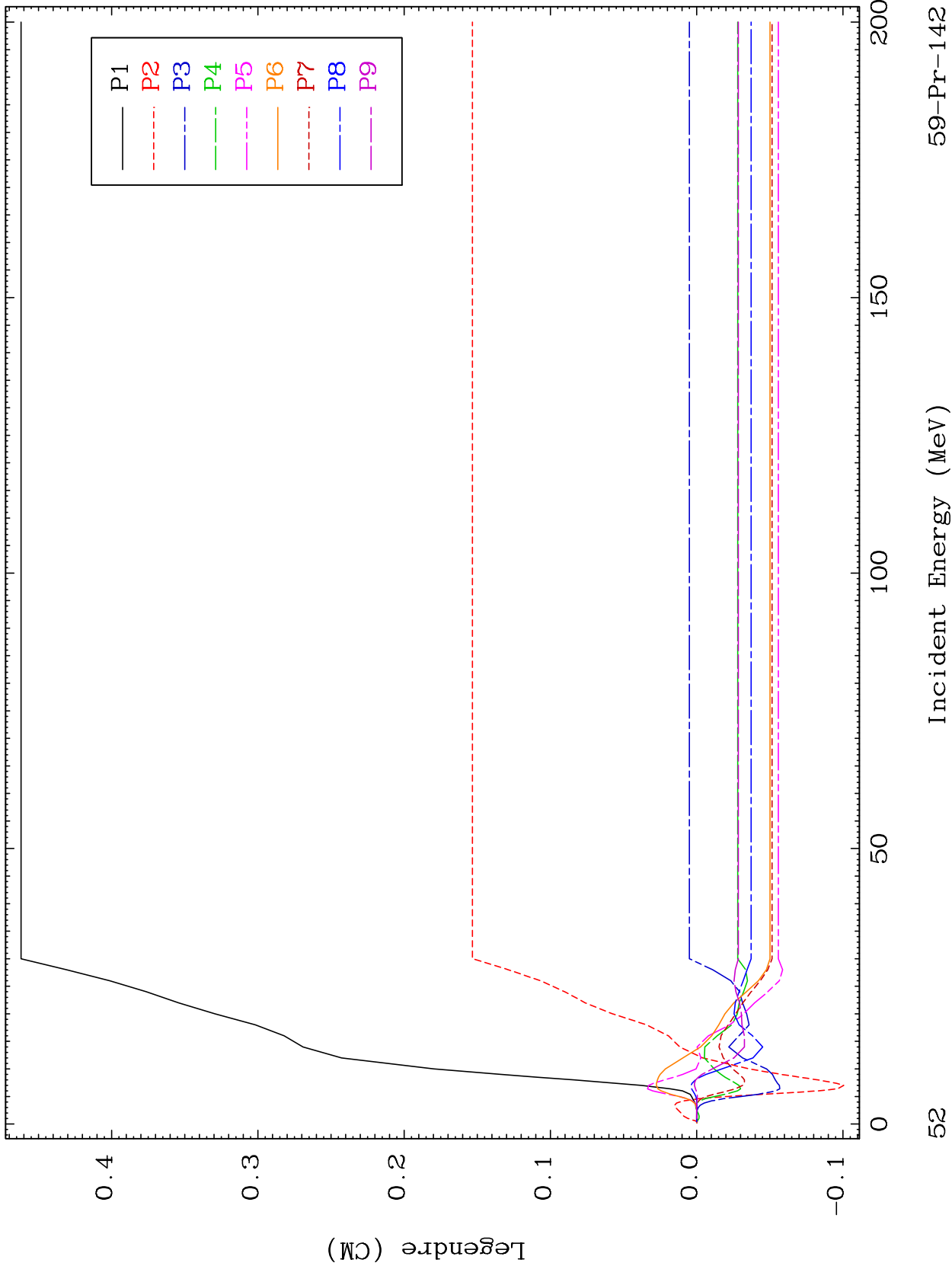
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



59-Pr-142

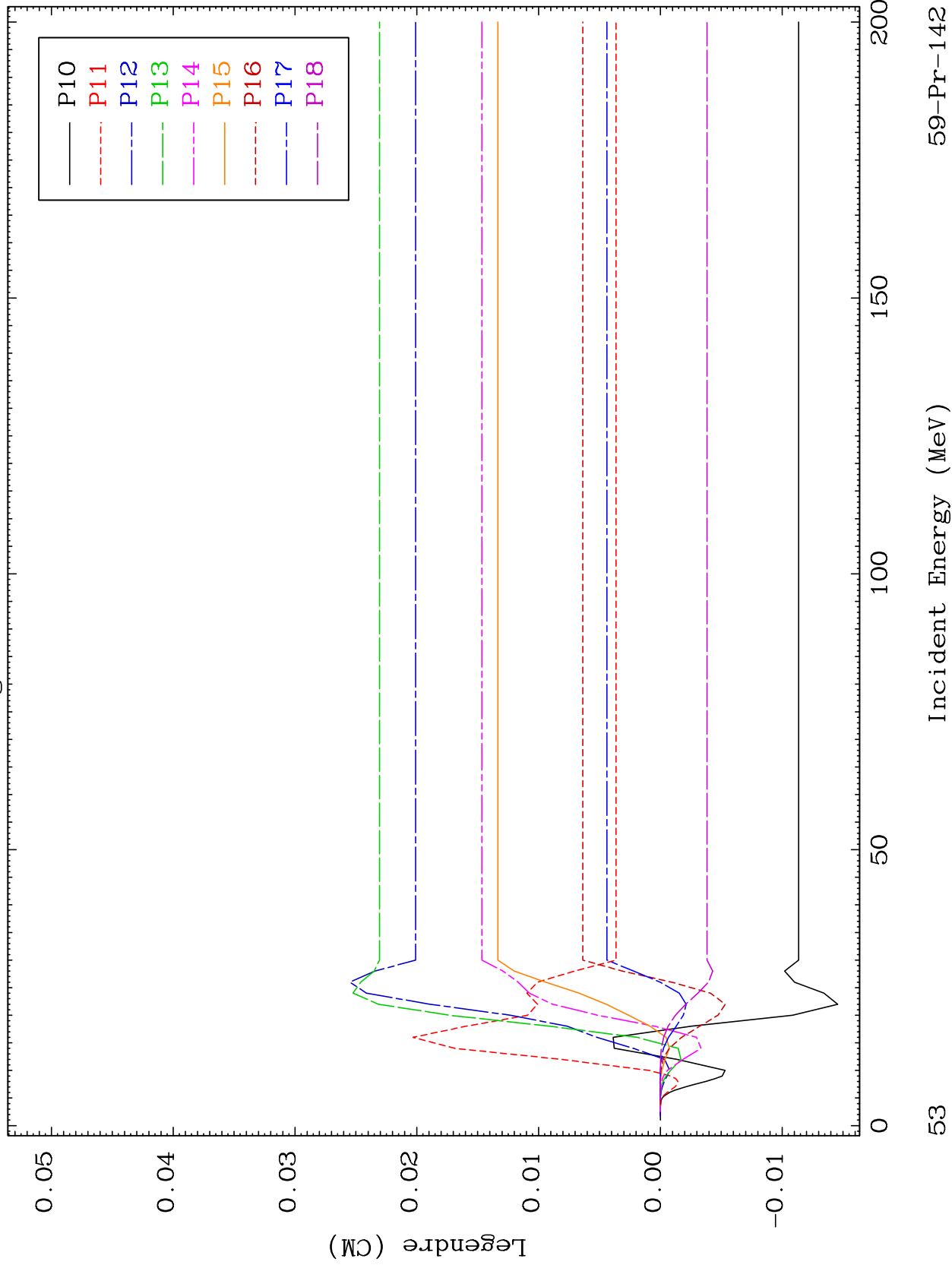
Incident Energy (MeV)

52

MAT 5928

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

59-Pr-142



53

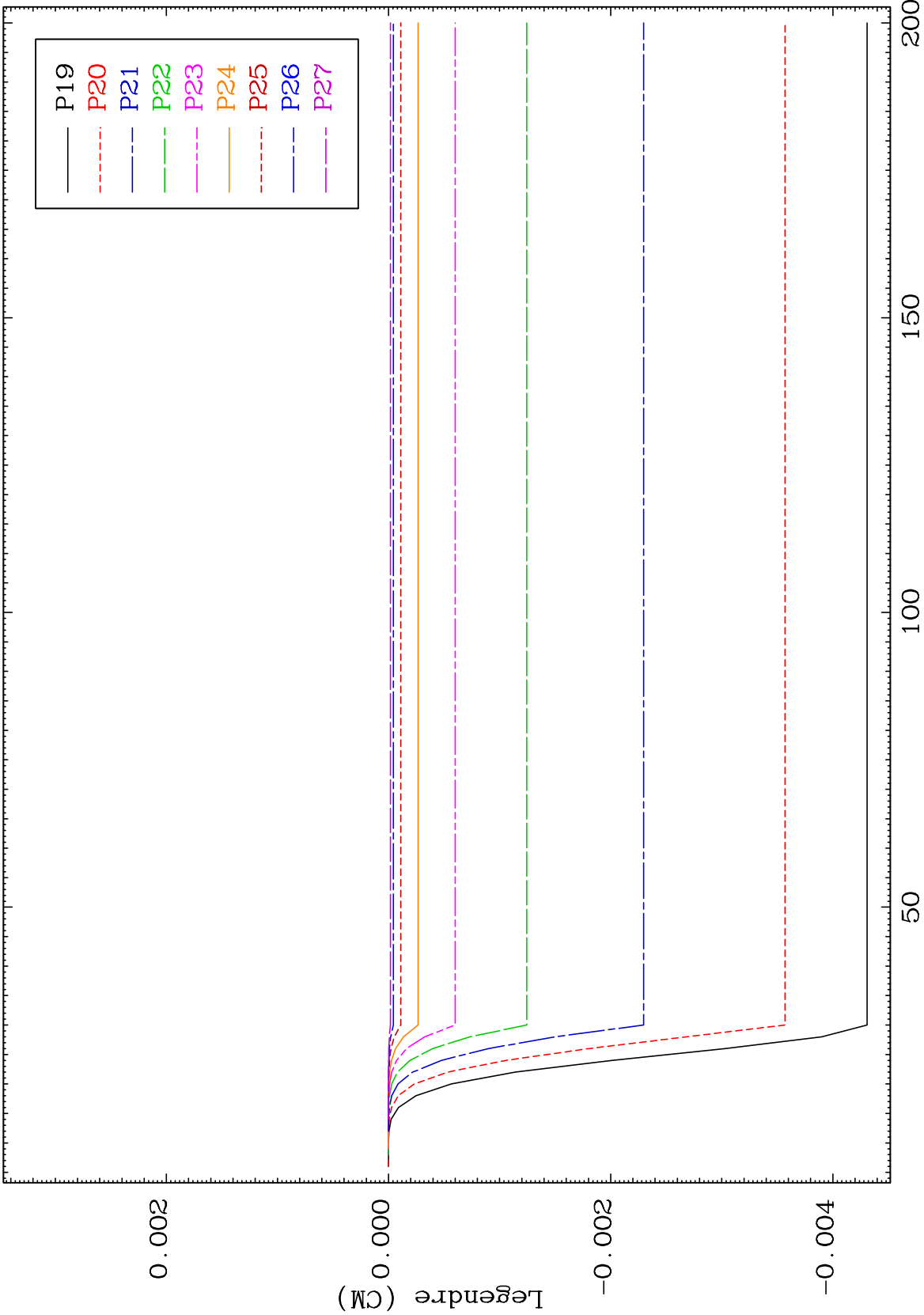
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



54

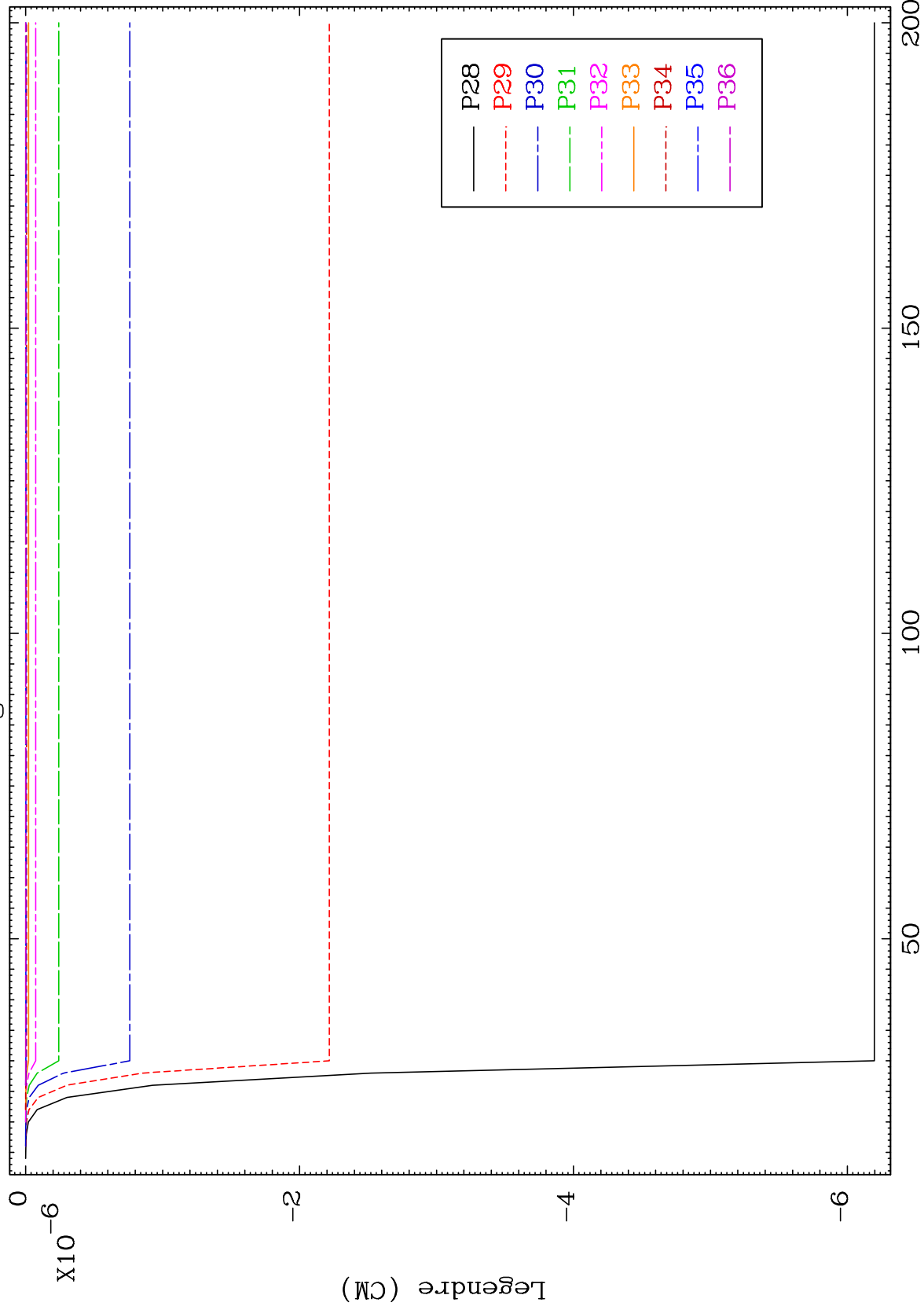
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



55

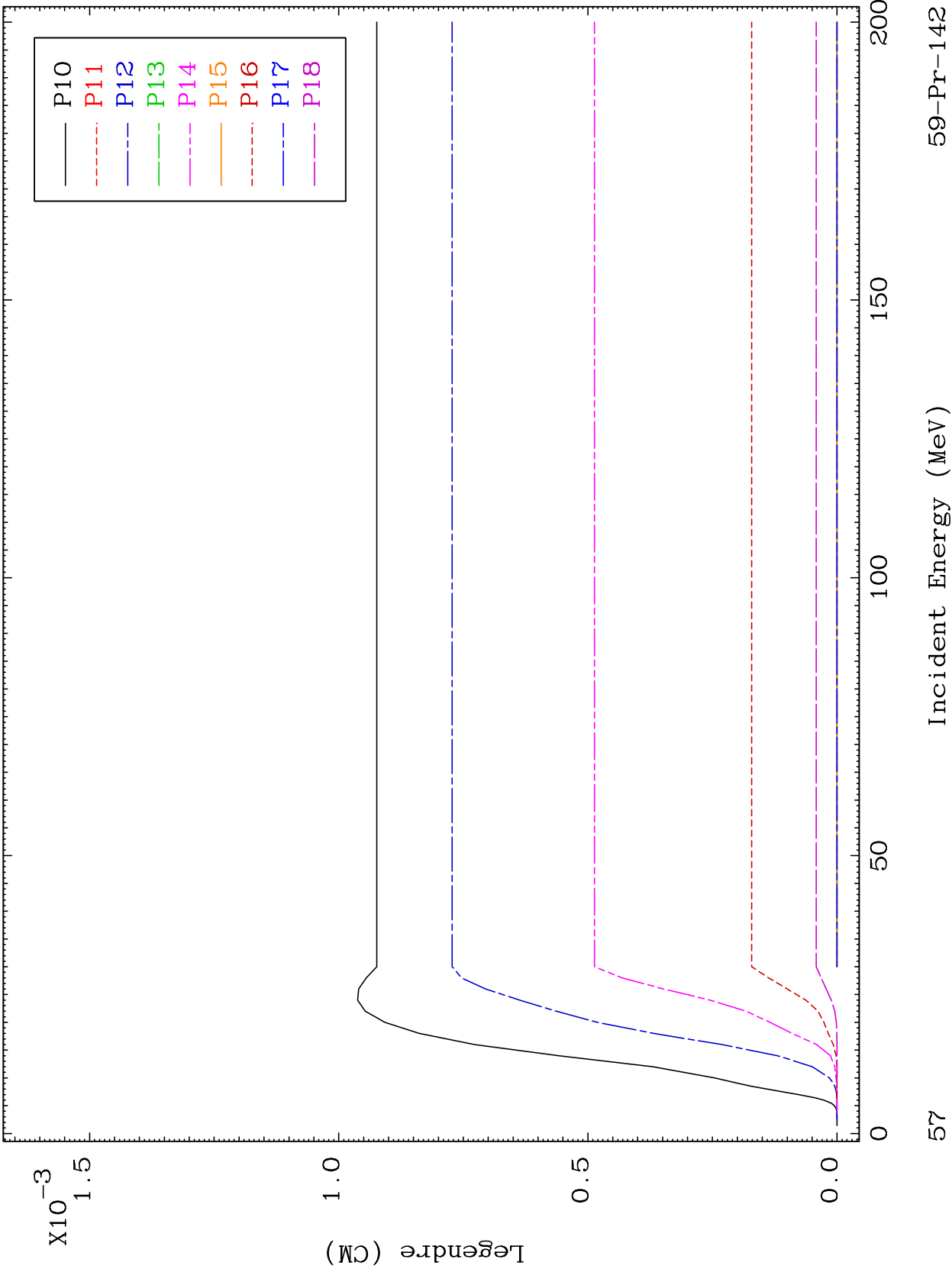
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



57

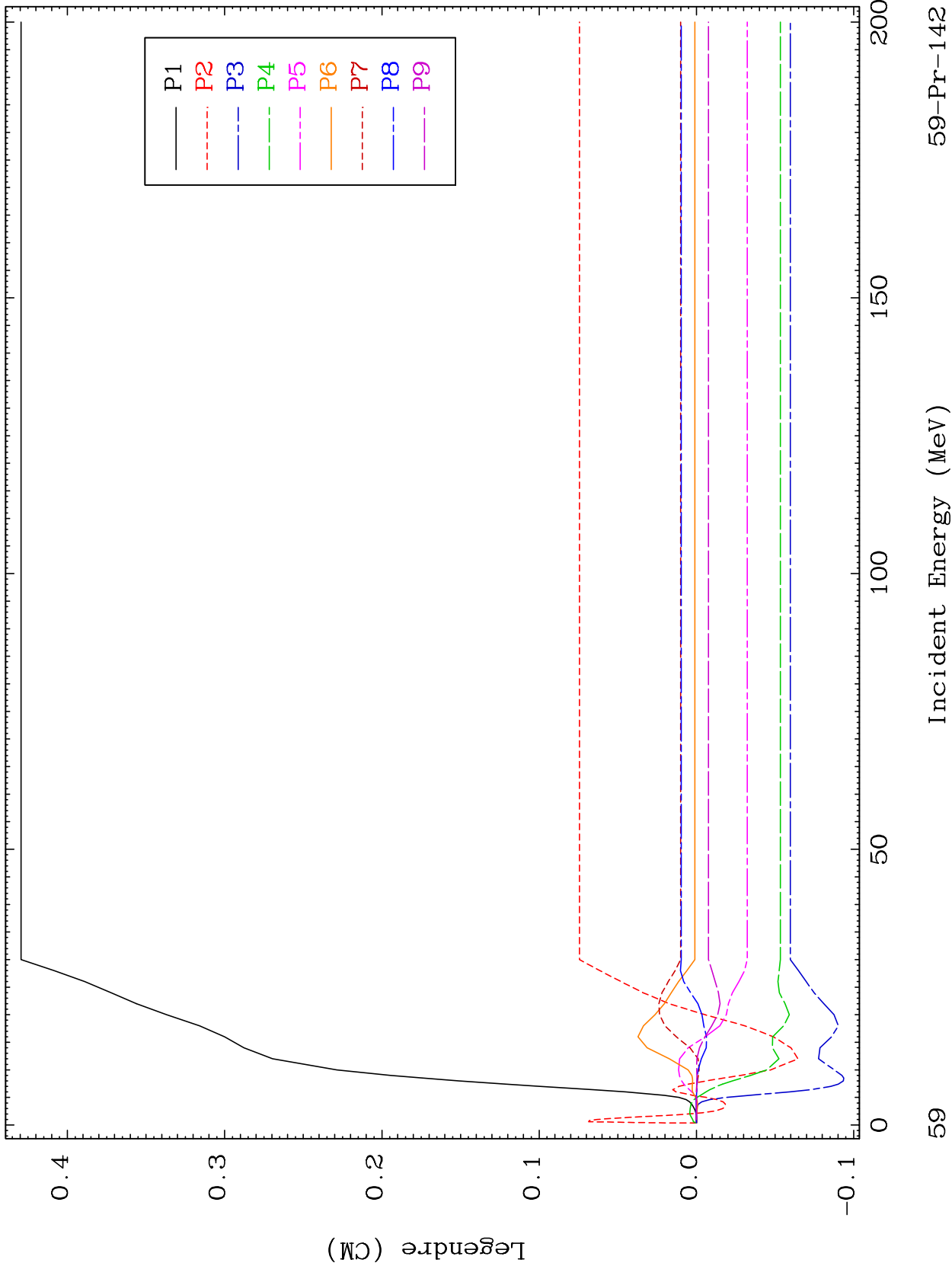
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



59-Pr-142

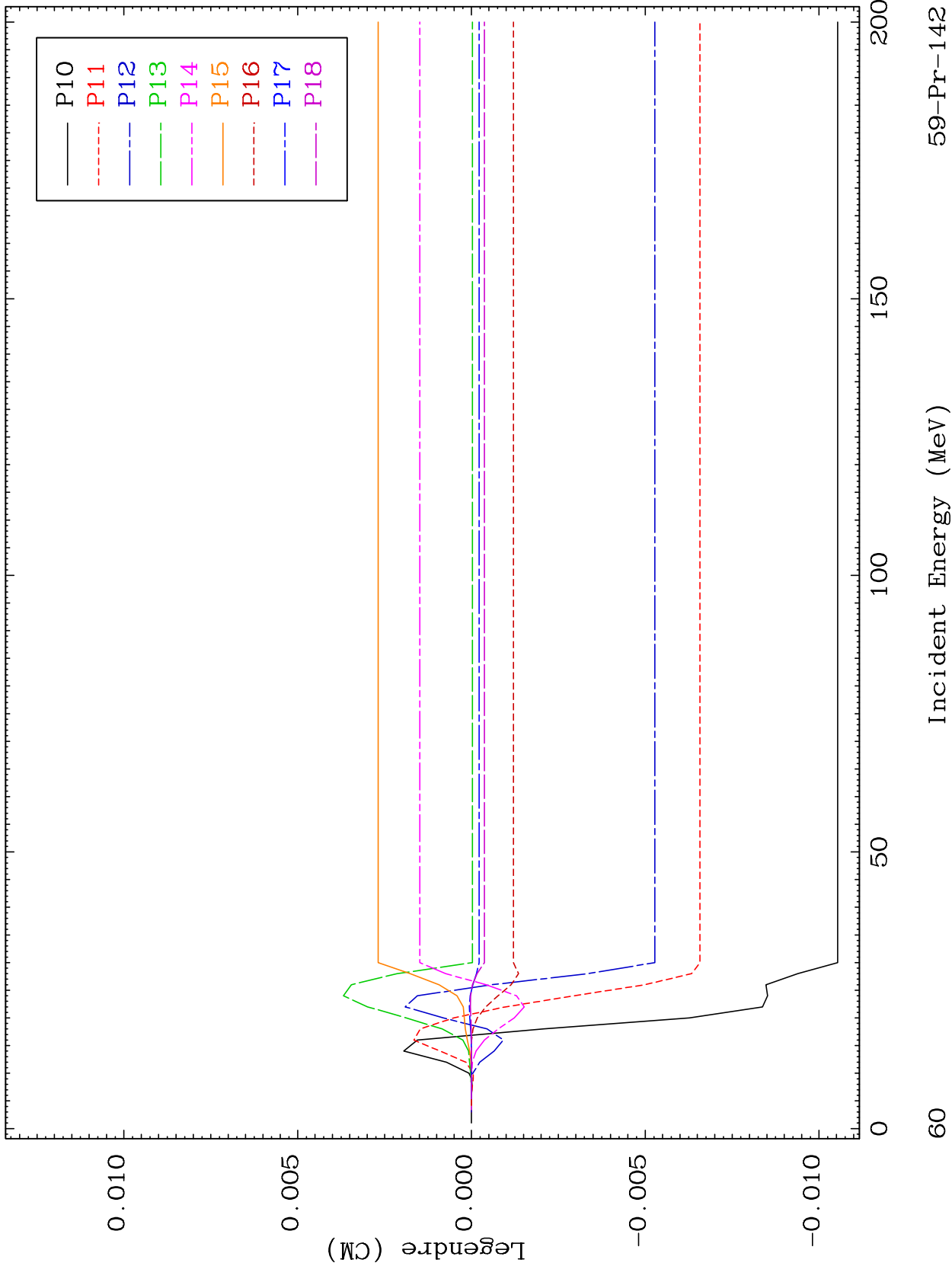
Incident Energy (MeV)

59

MAT 5928

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

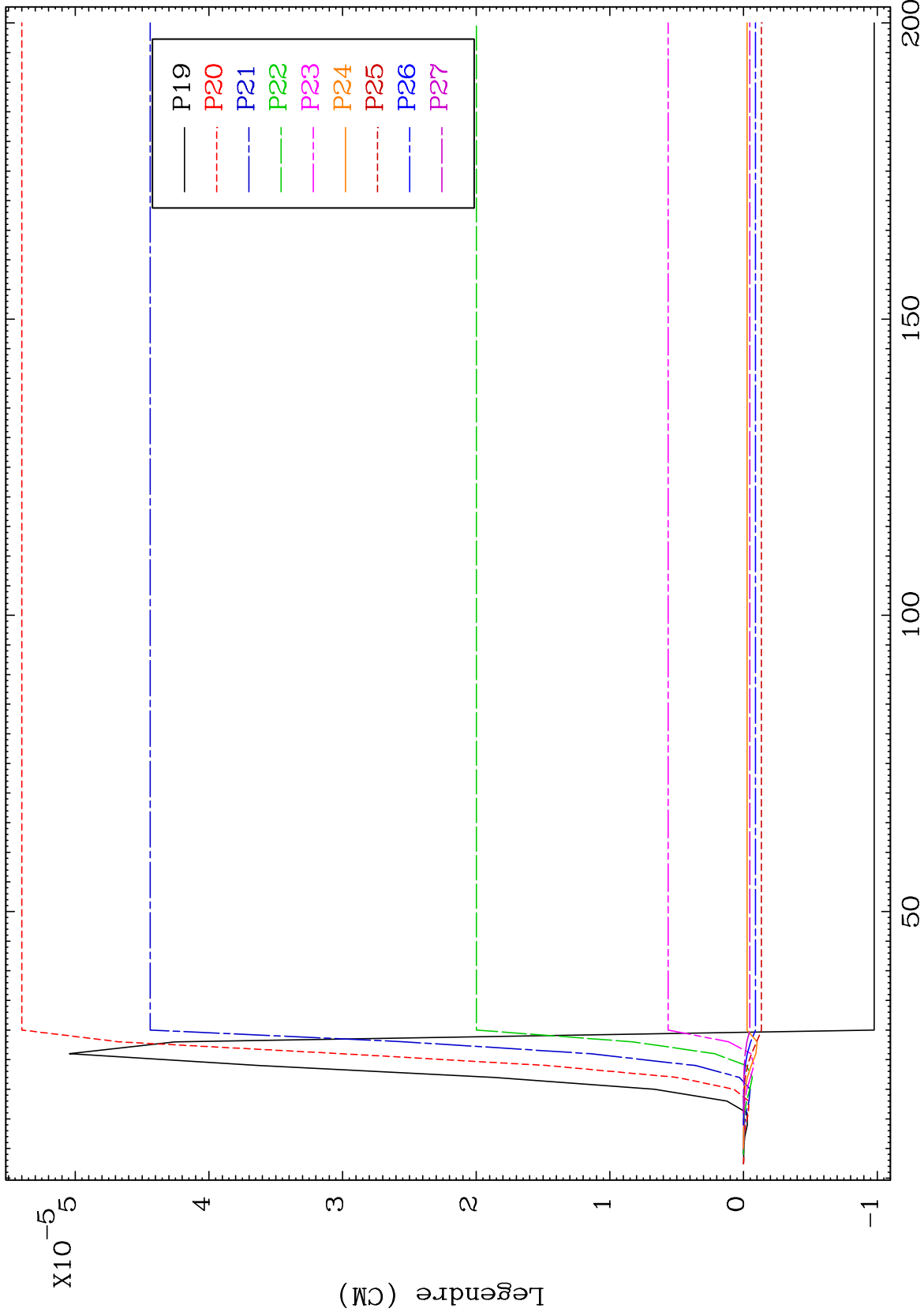
59-Pr-142



59-Pr-142

Incident Energy (MeV)

60

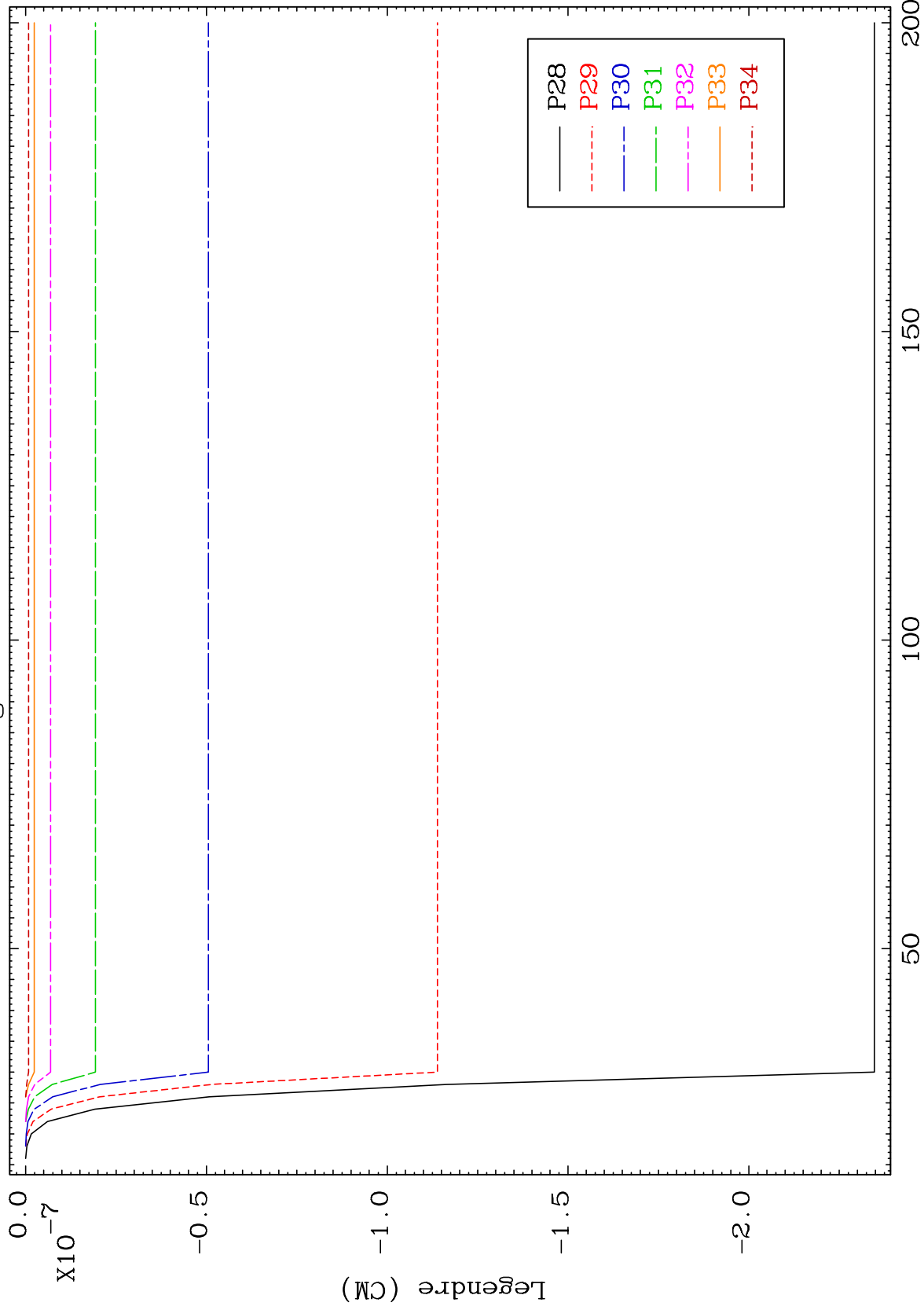


MAT 5928

MT= 62 (n,n') Level

59-Pr-142

Legendre Coefficients



62

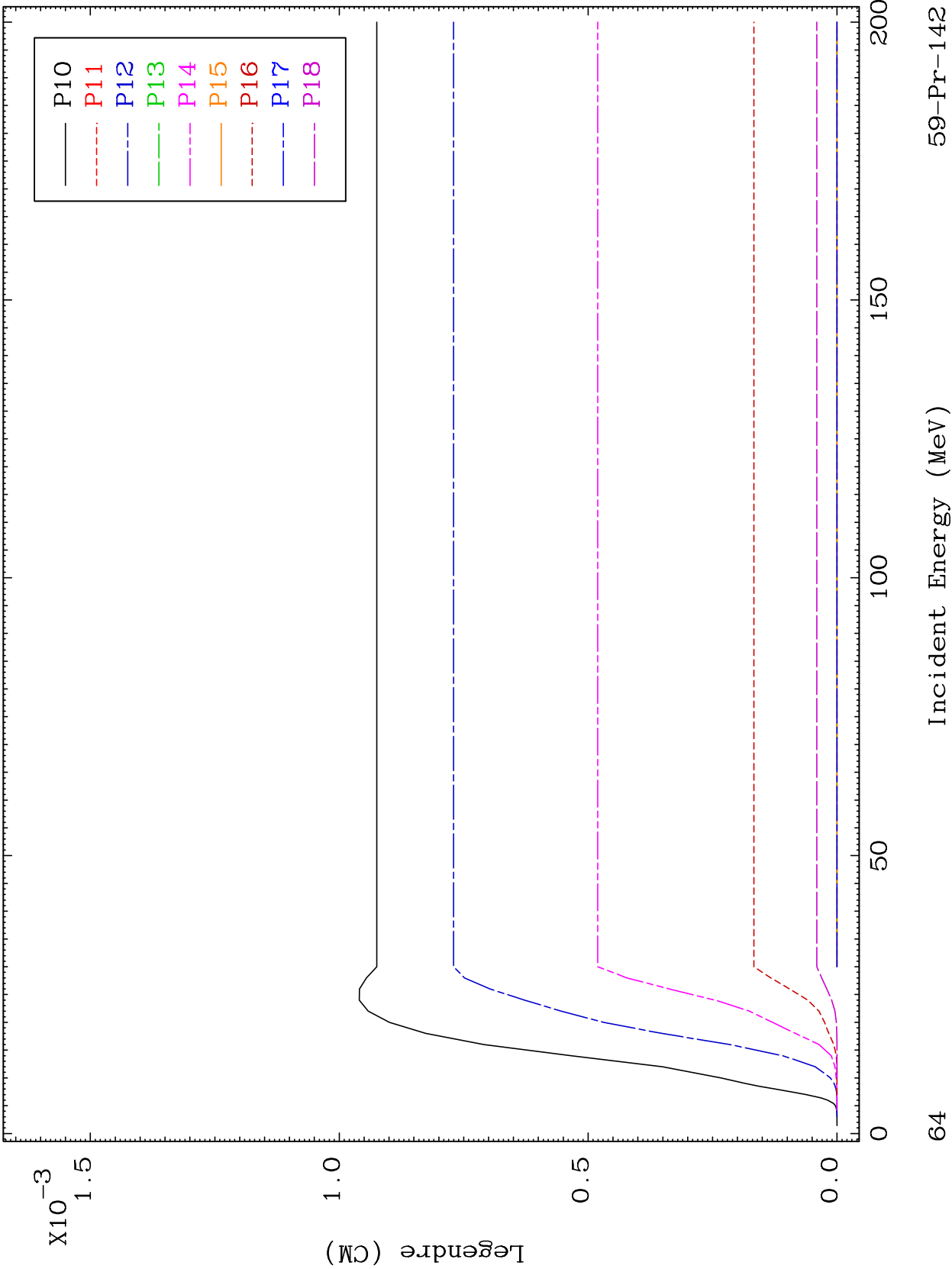
Incident Energy (MeV)

59-Pr-142

MAT 5928

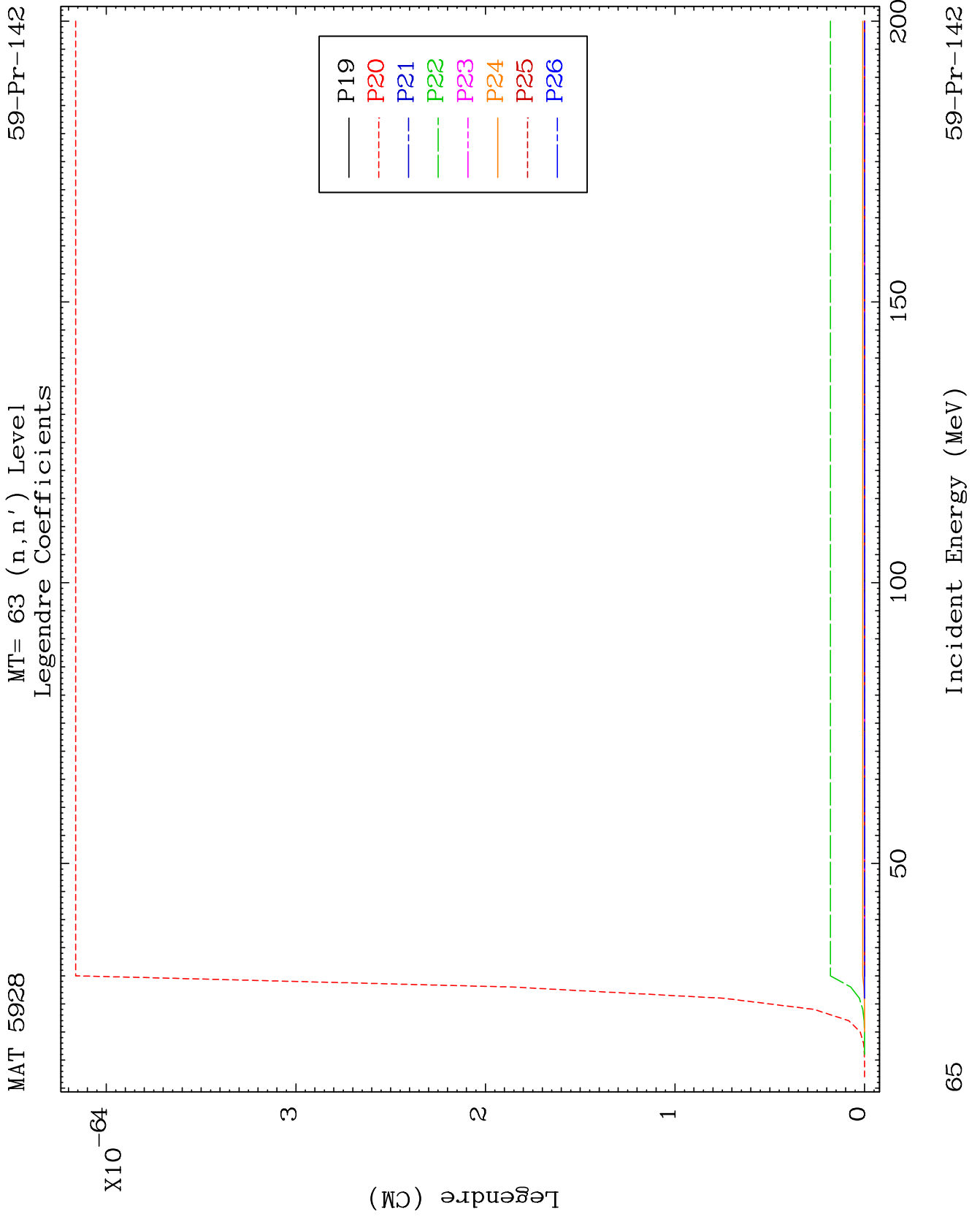
MT= 63 (n,n') Level
Legendre Coefficients

59-Pr-142



64

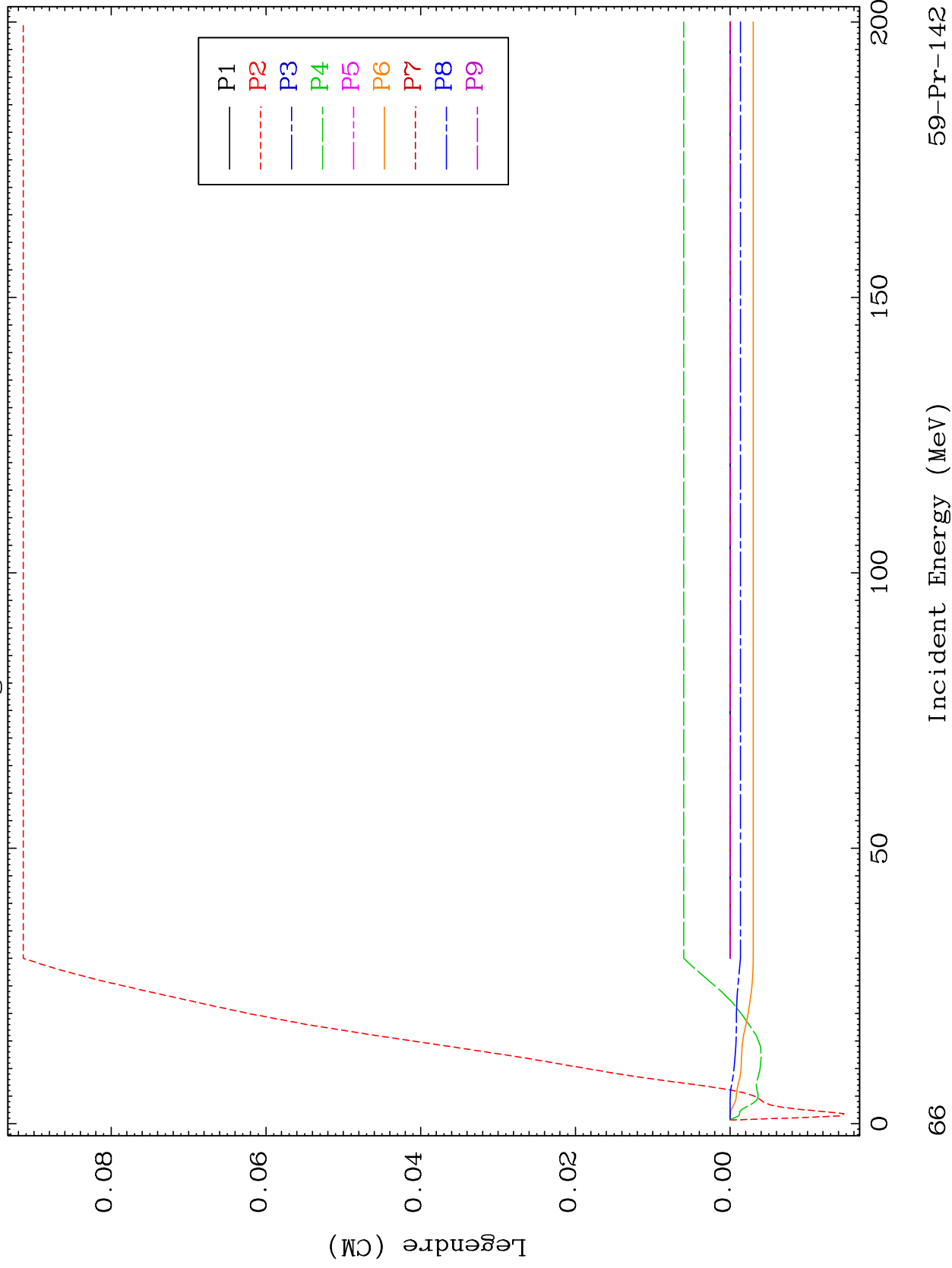
59-Pr-142



MAT 5928

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

59-Pr-142

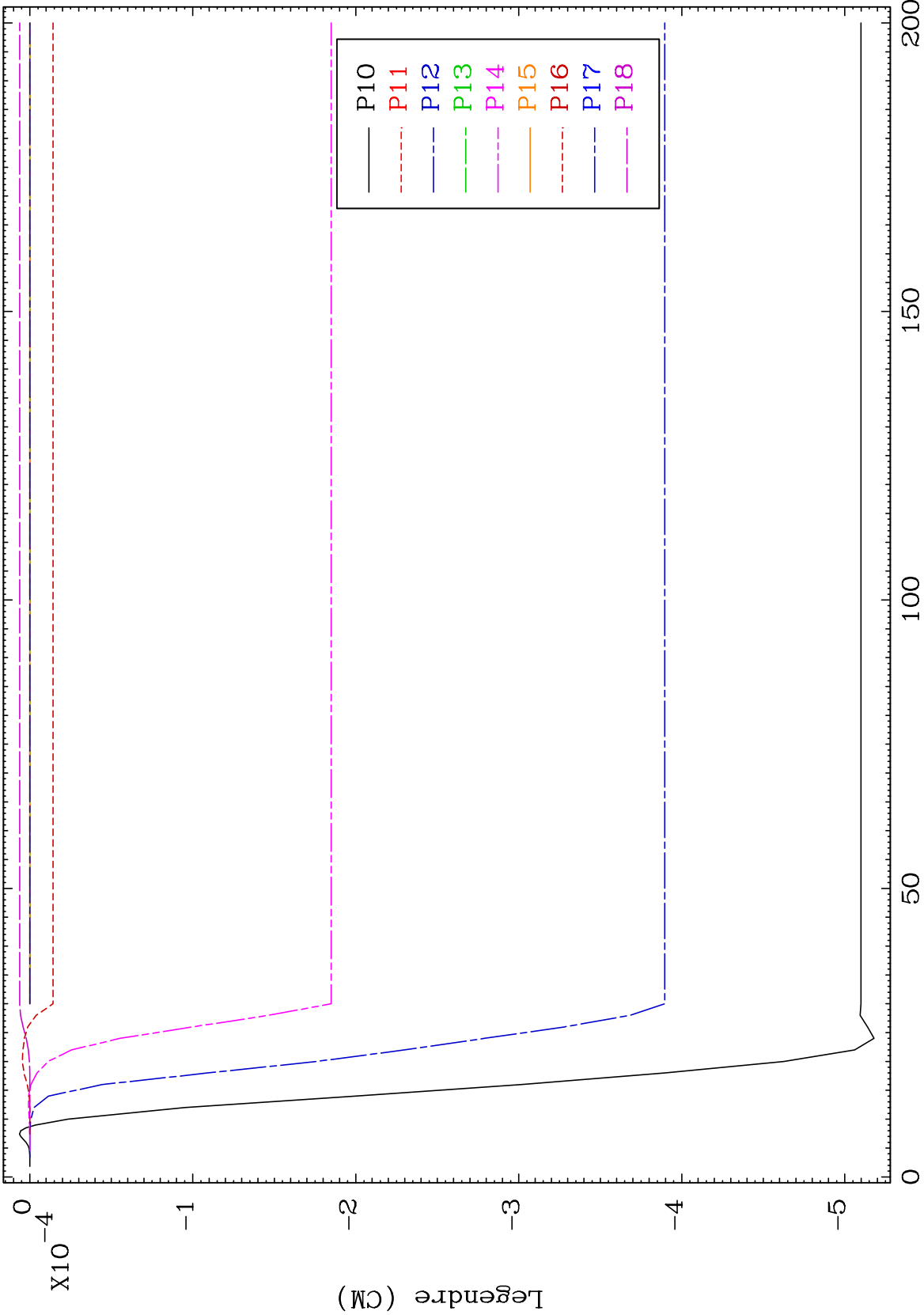


MAT 5928

MT= 64 (n,n') Level

59-Pr-142

Legendre Coefficients



67

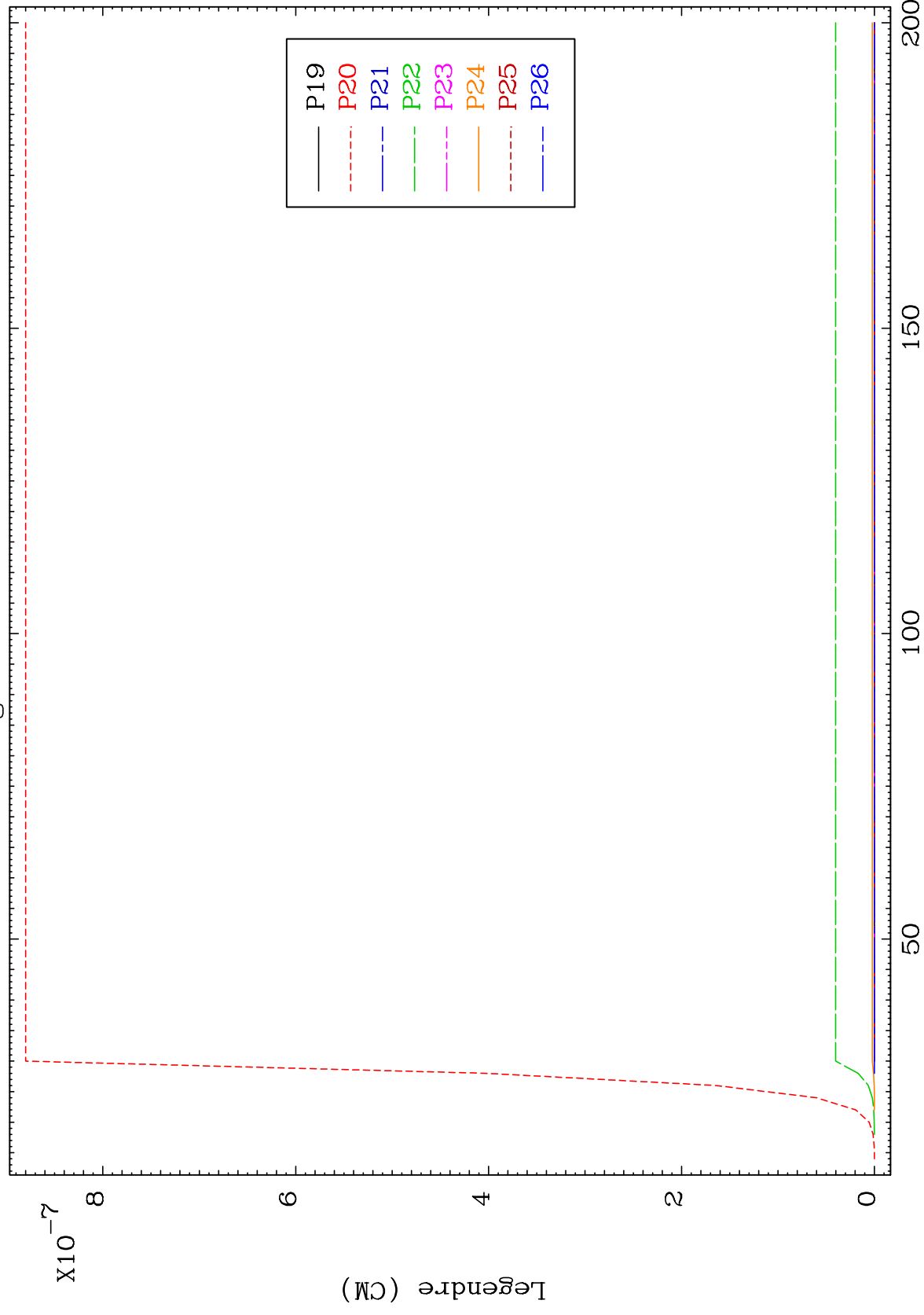
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



68

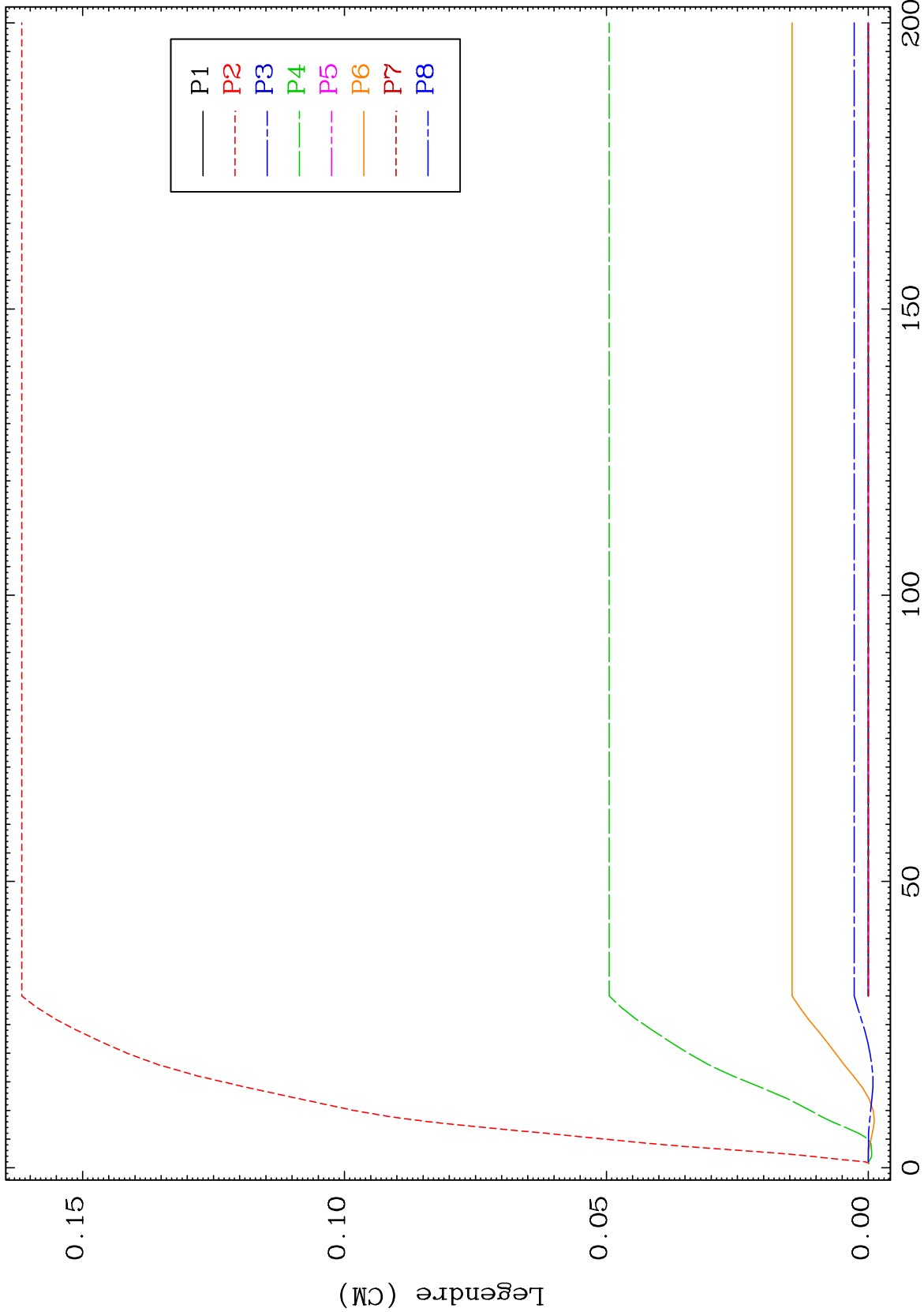
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



69

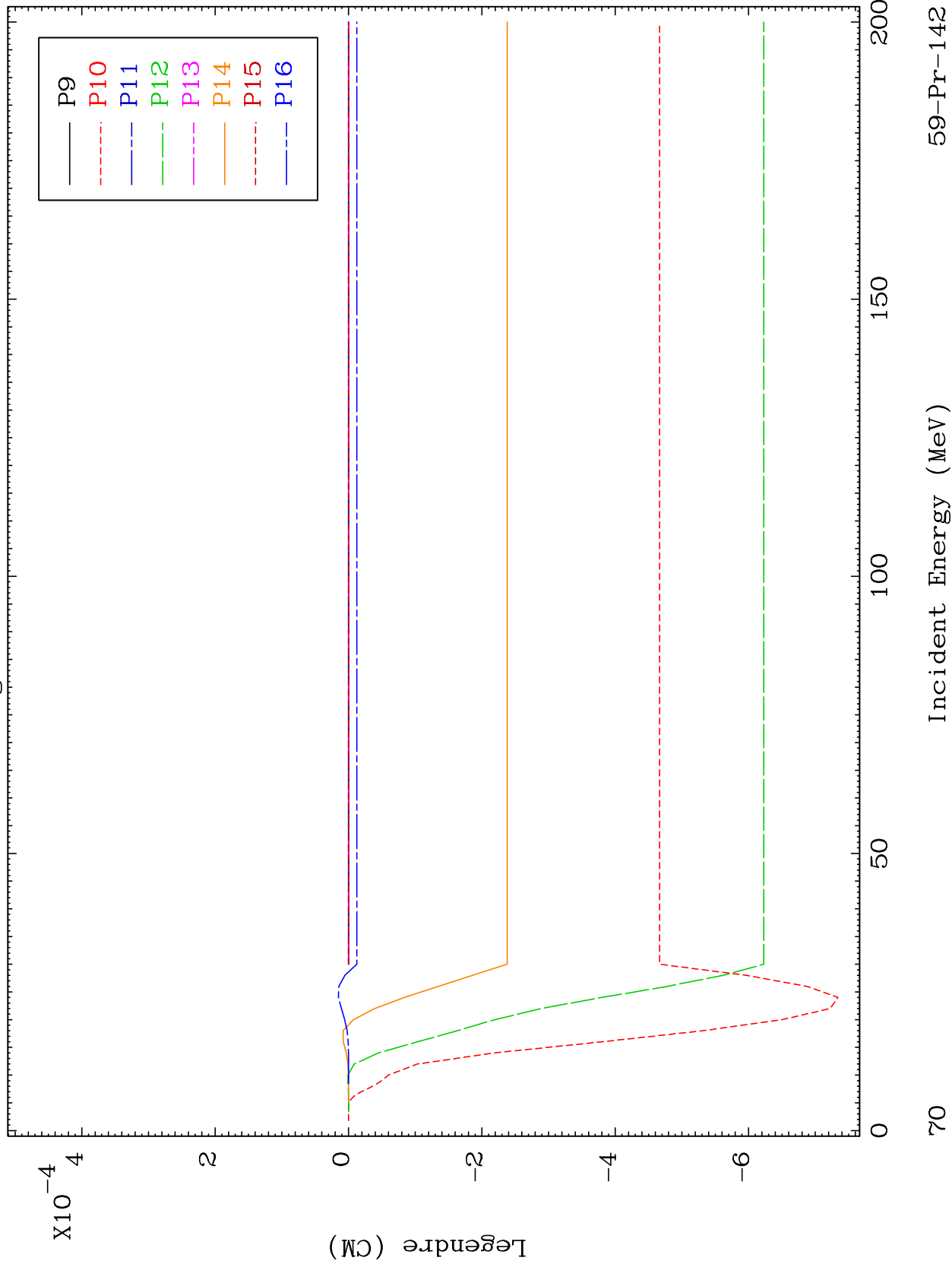
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142

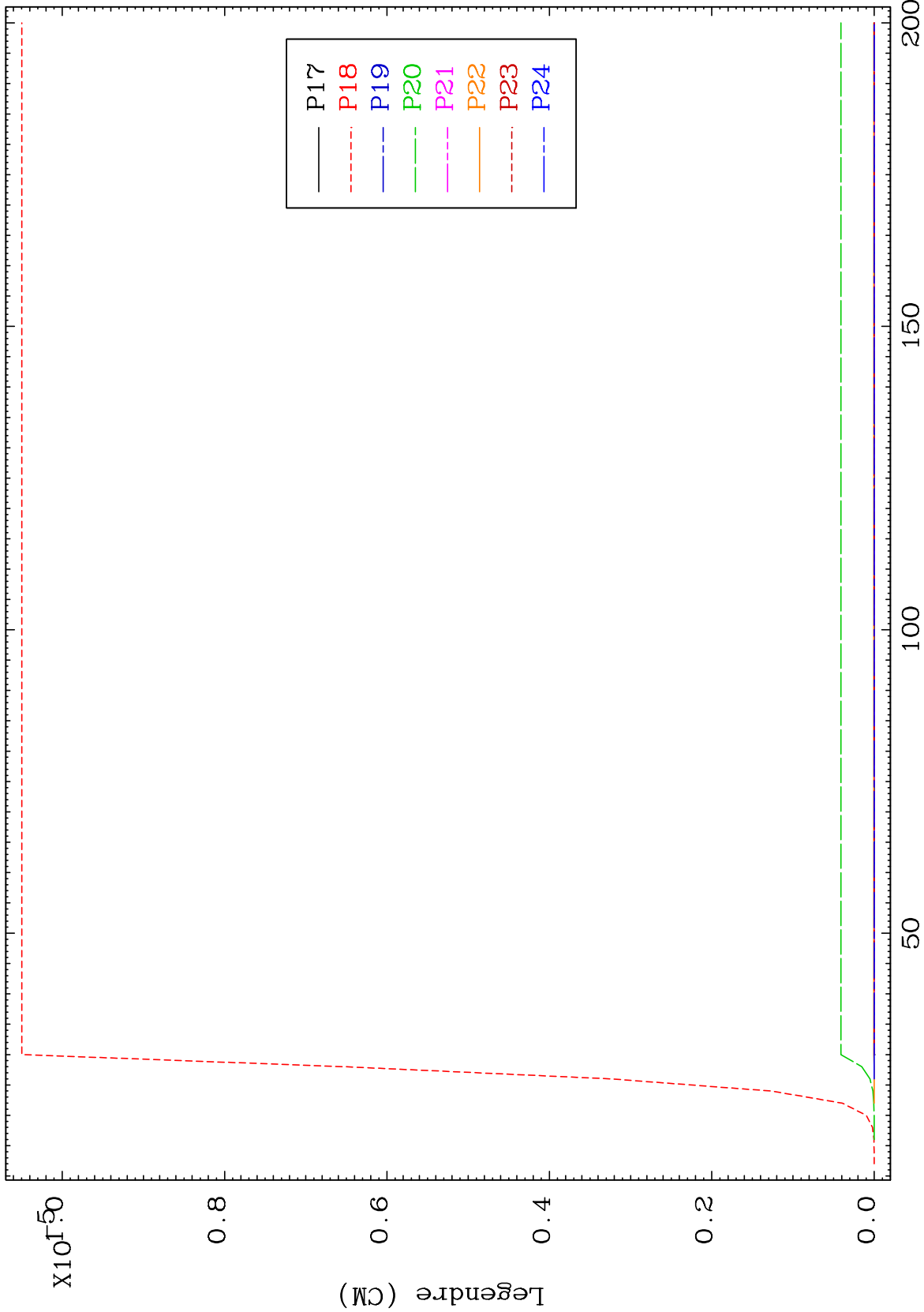


59-Pr-142

MAT 5928

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

59-Pr-142



71

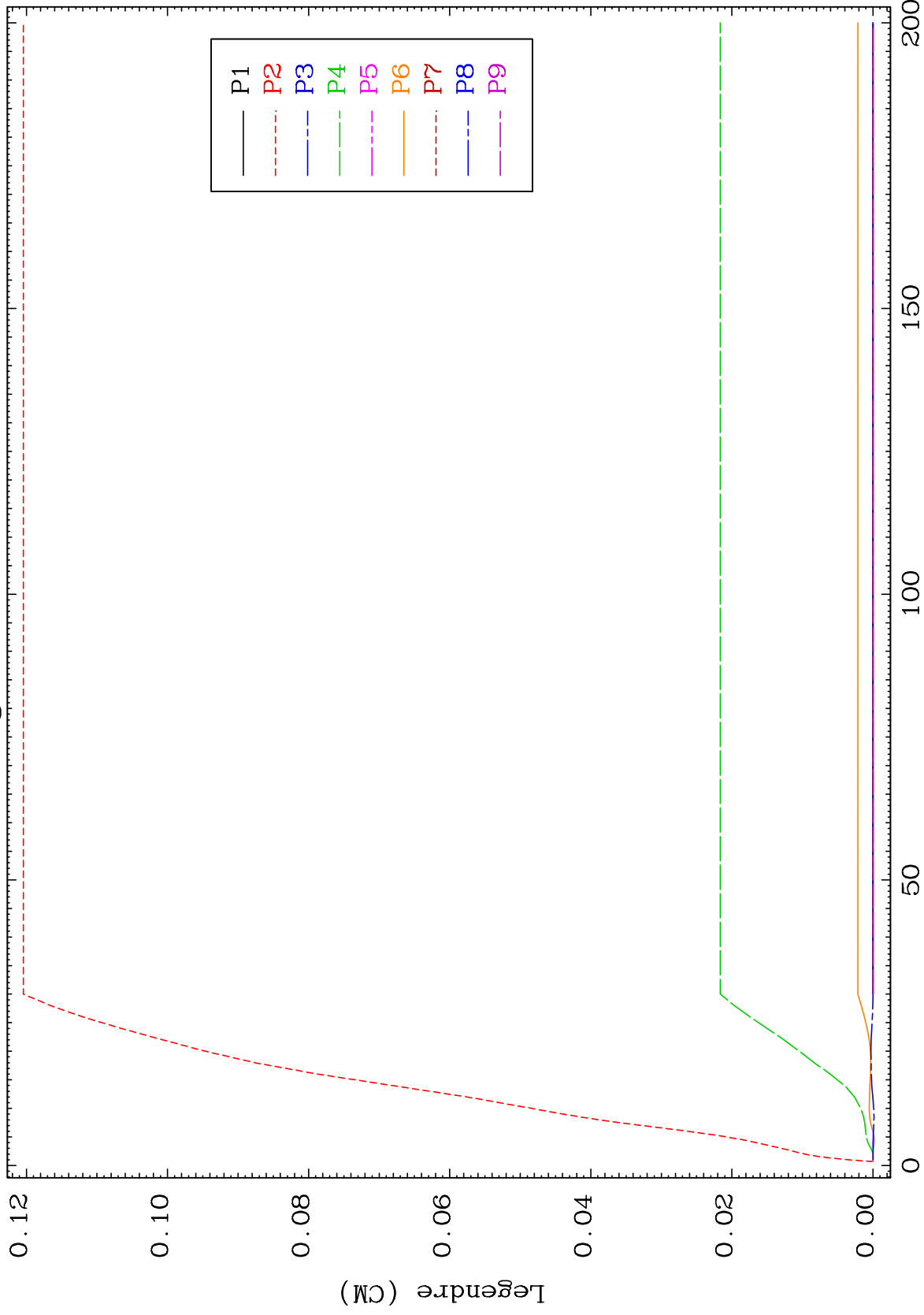
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

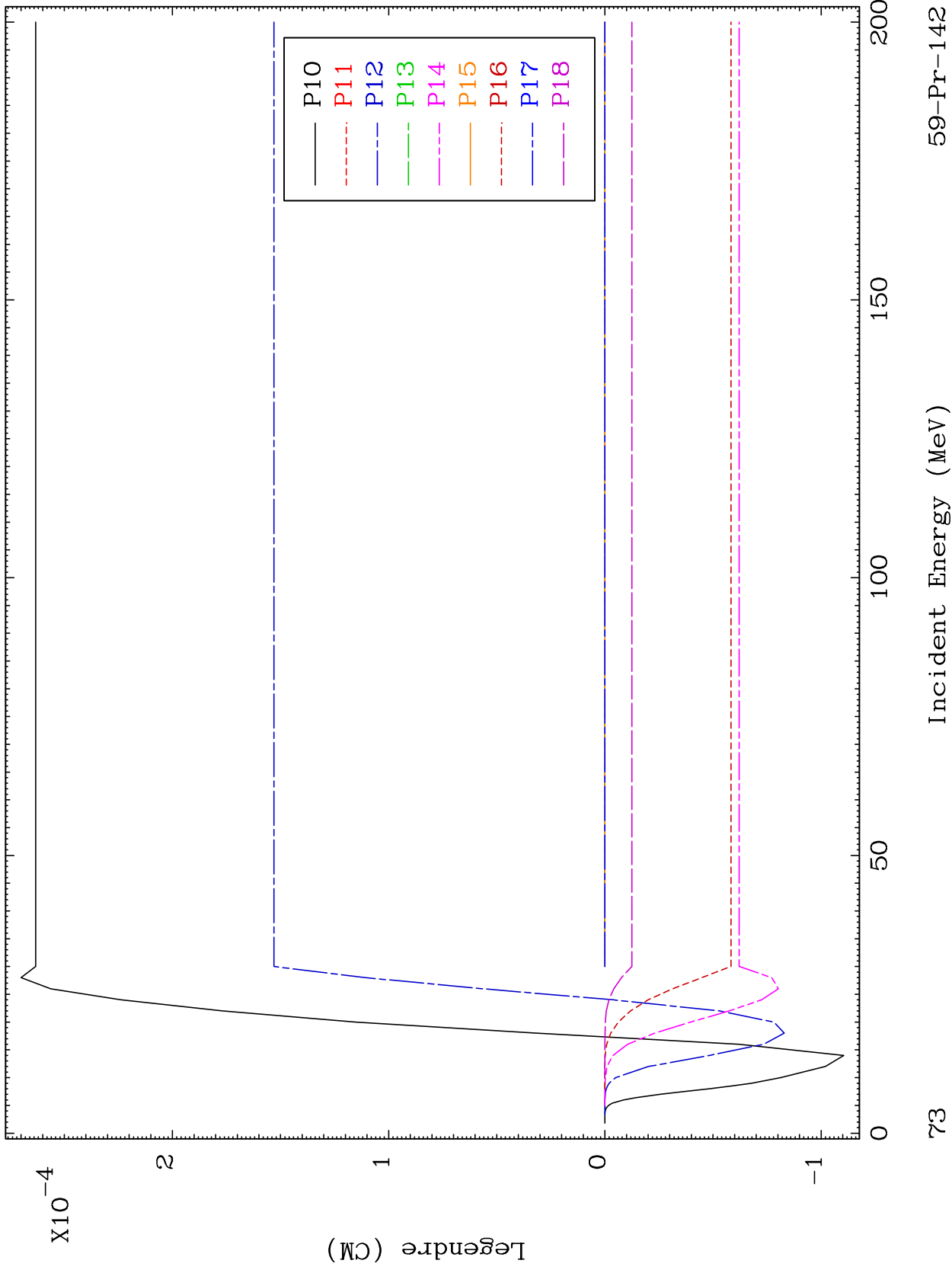
59-Pr-142



72

Incident Energy (MeV)

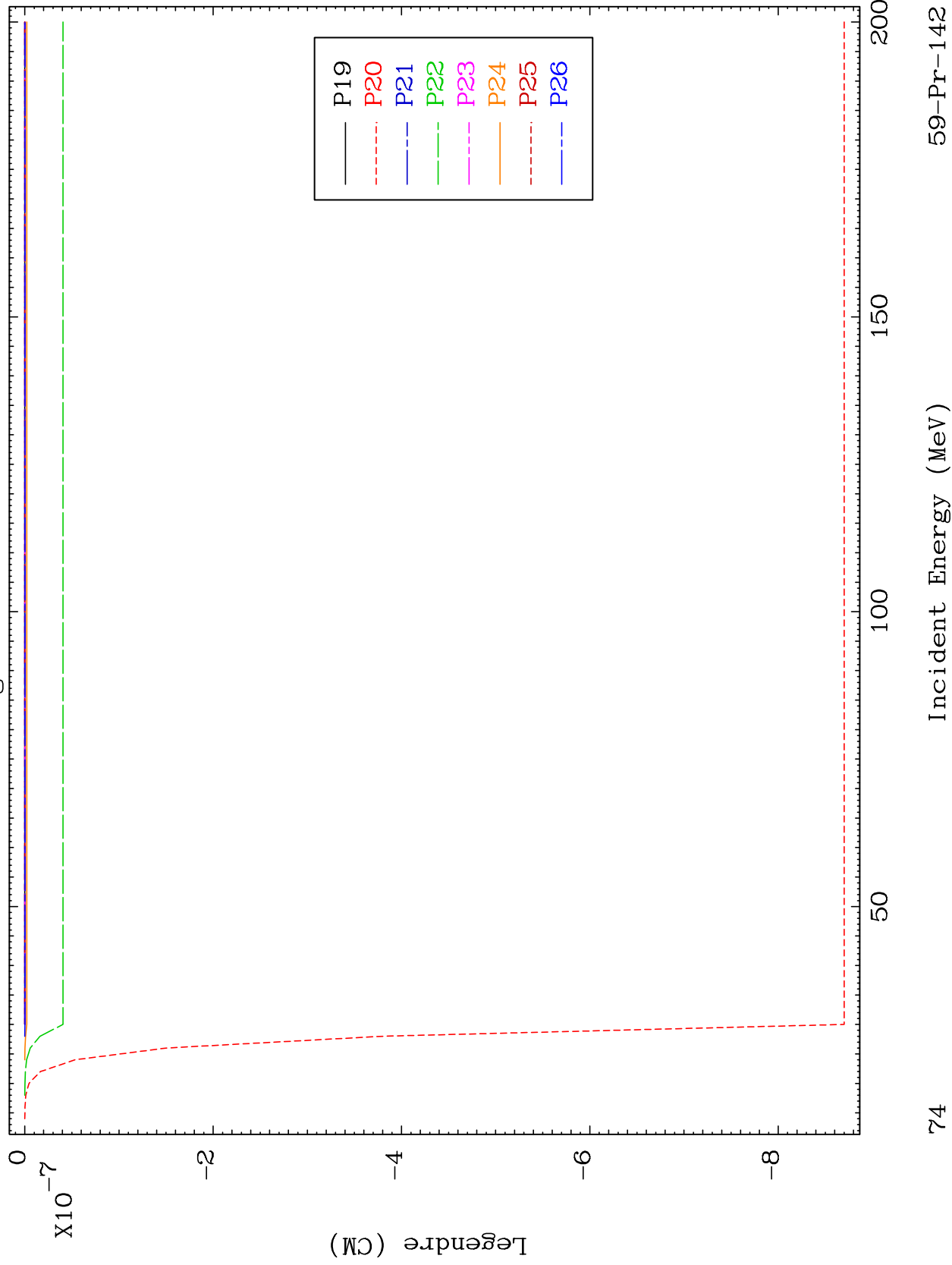
59-Pr-142



MAT 5928

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

59-Pr-142



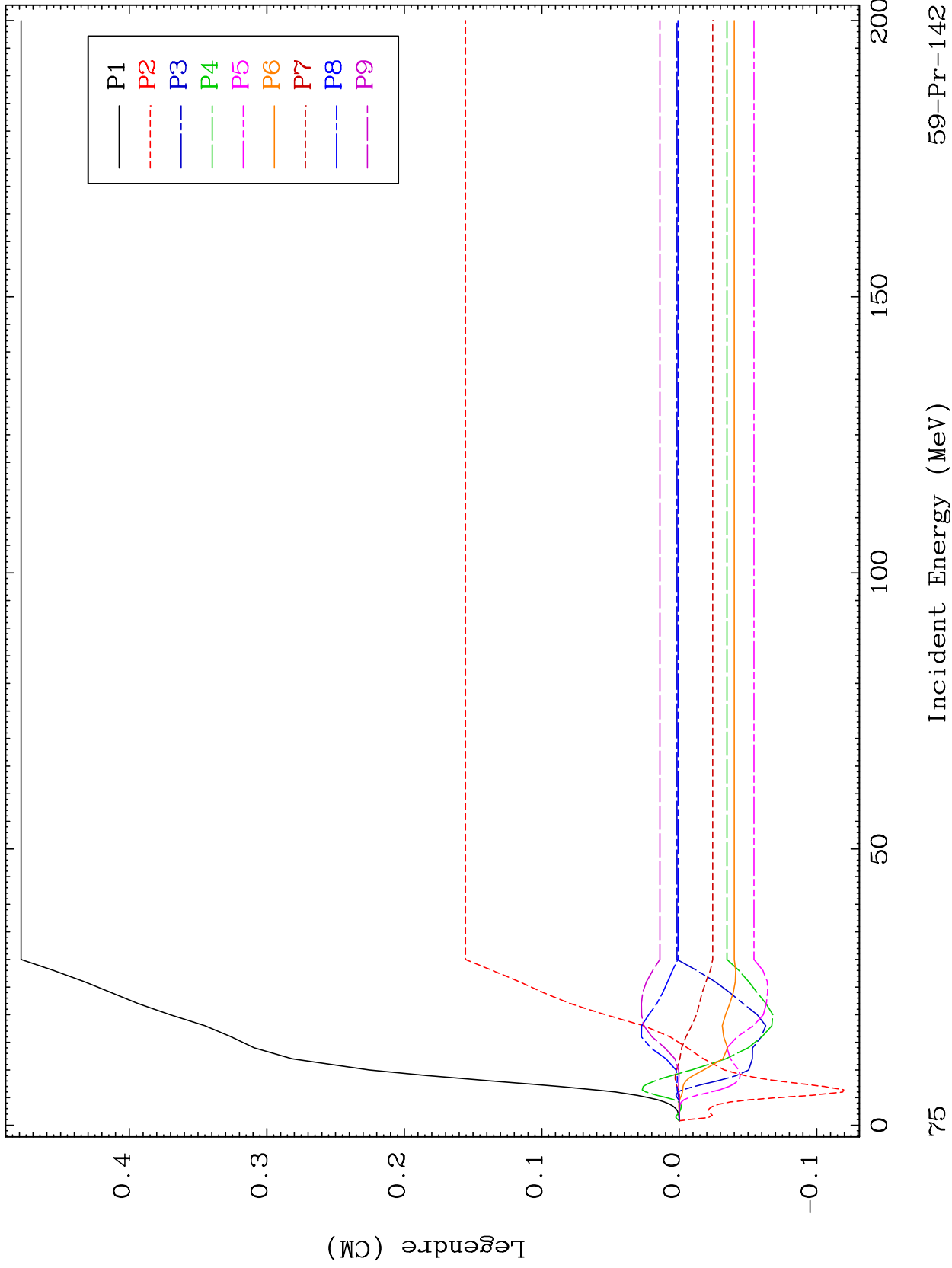
74

59-Pr-142

MAT 5928

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

59-Pr-142



59-Pr-142

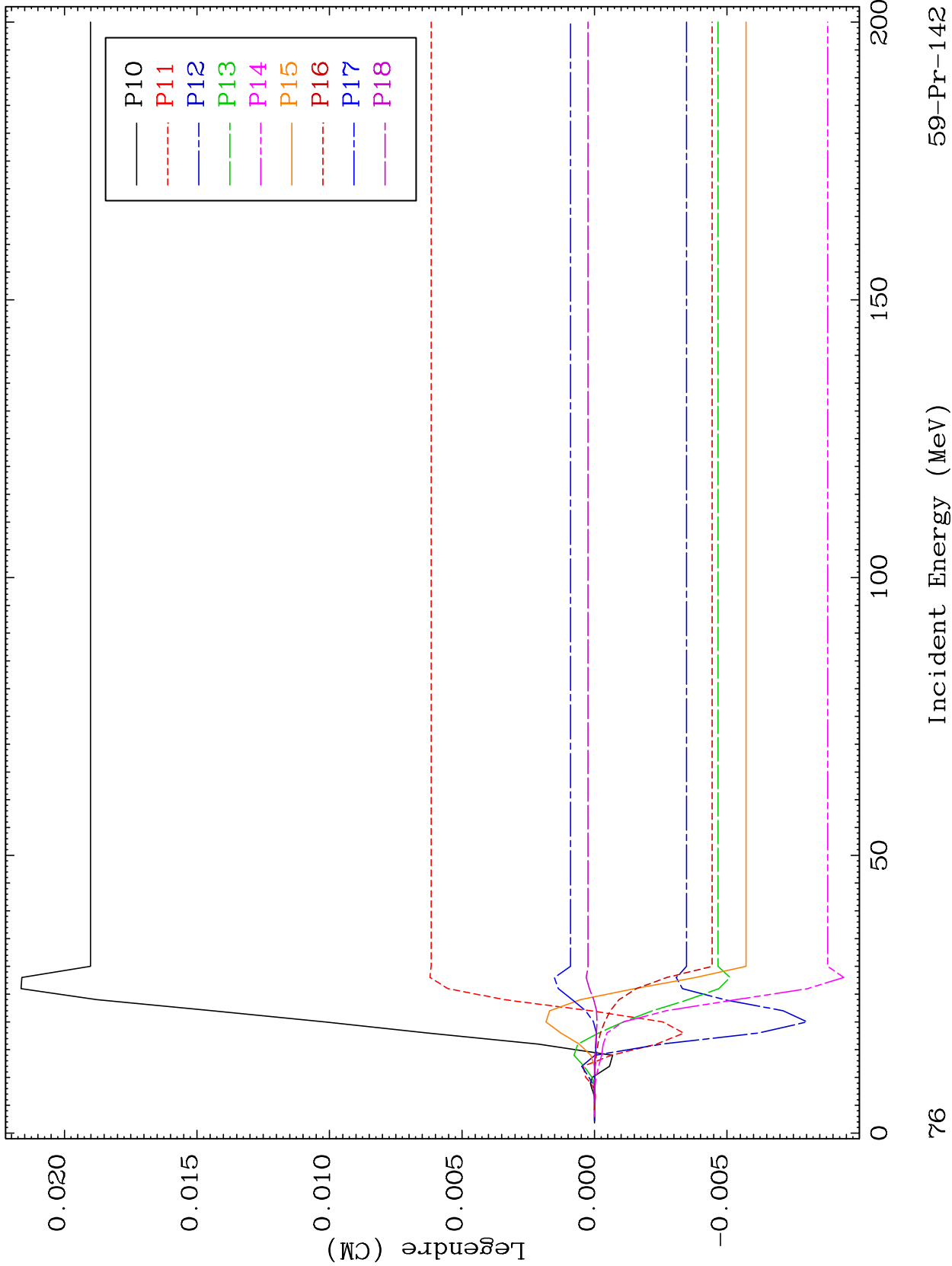
Incident Energy (MeV)

75

MAT 5928

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

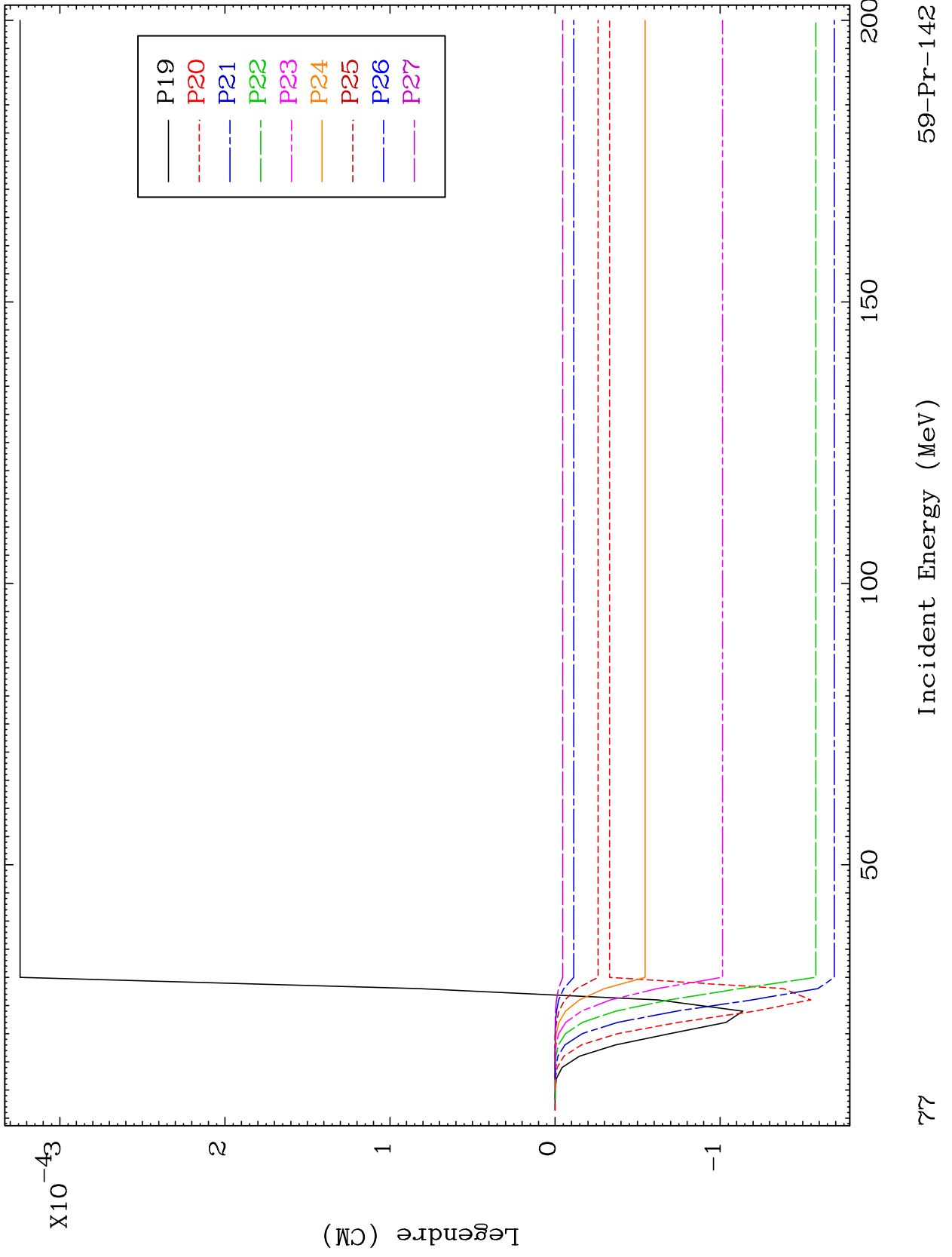
59-Pr-142



59-Pr-142

Incident Energy (MeV)

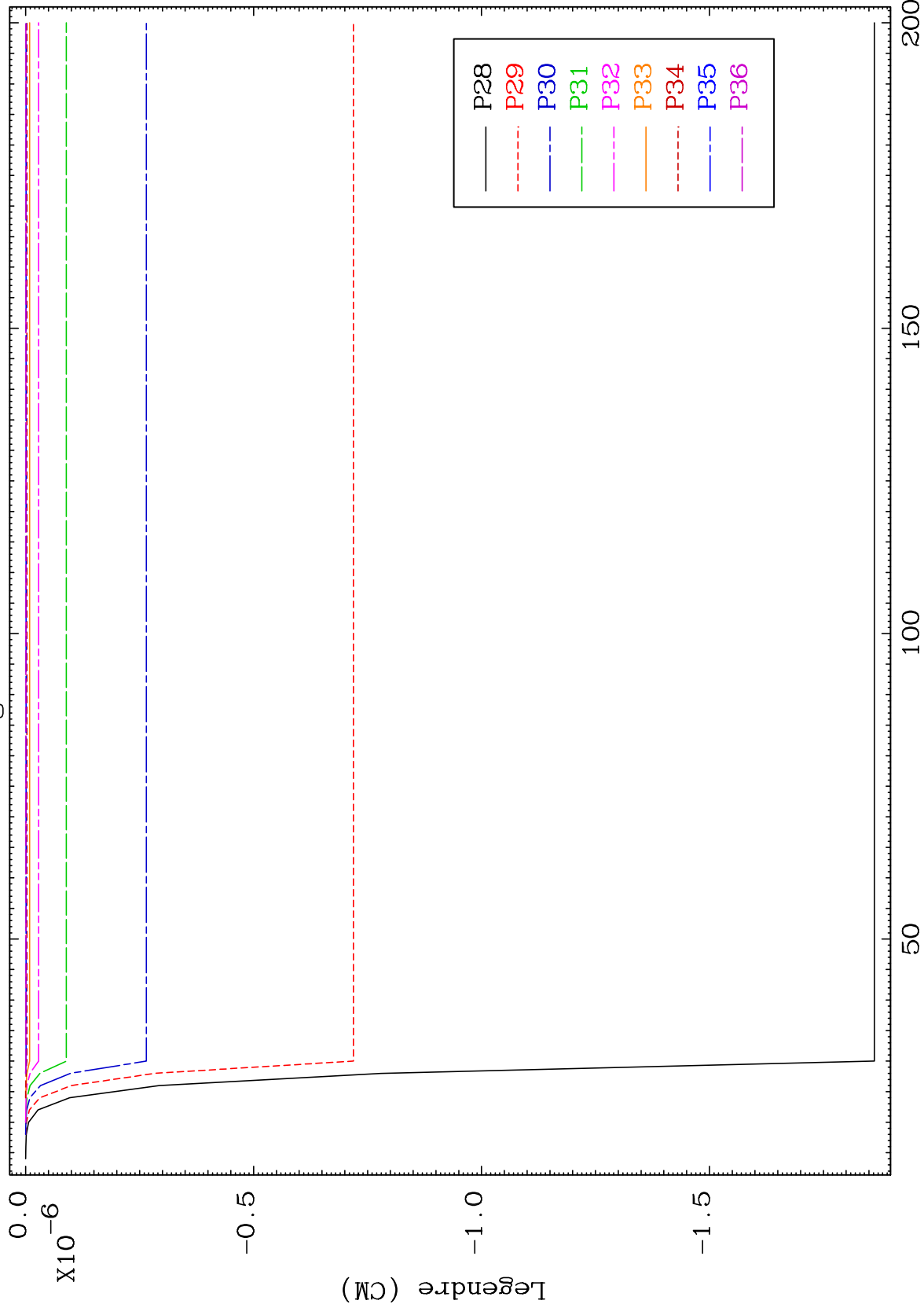
76



MAT 5928

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

59-Pr-142



78

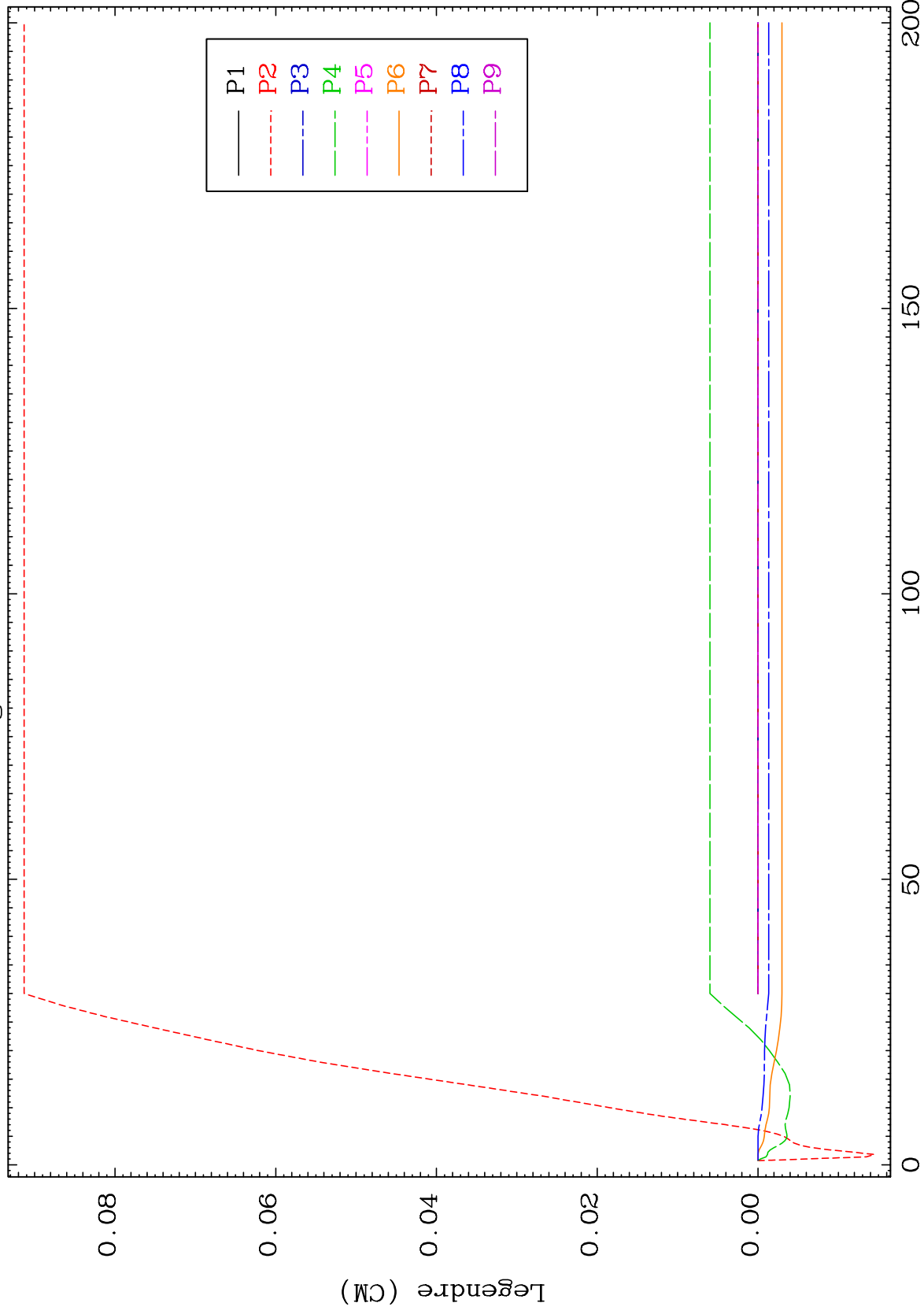
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



79

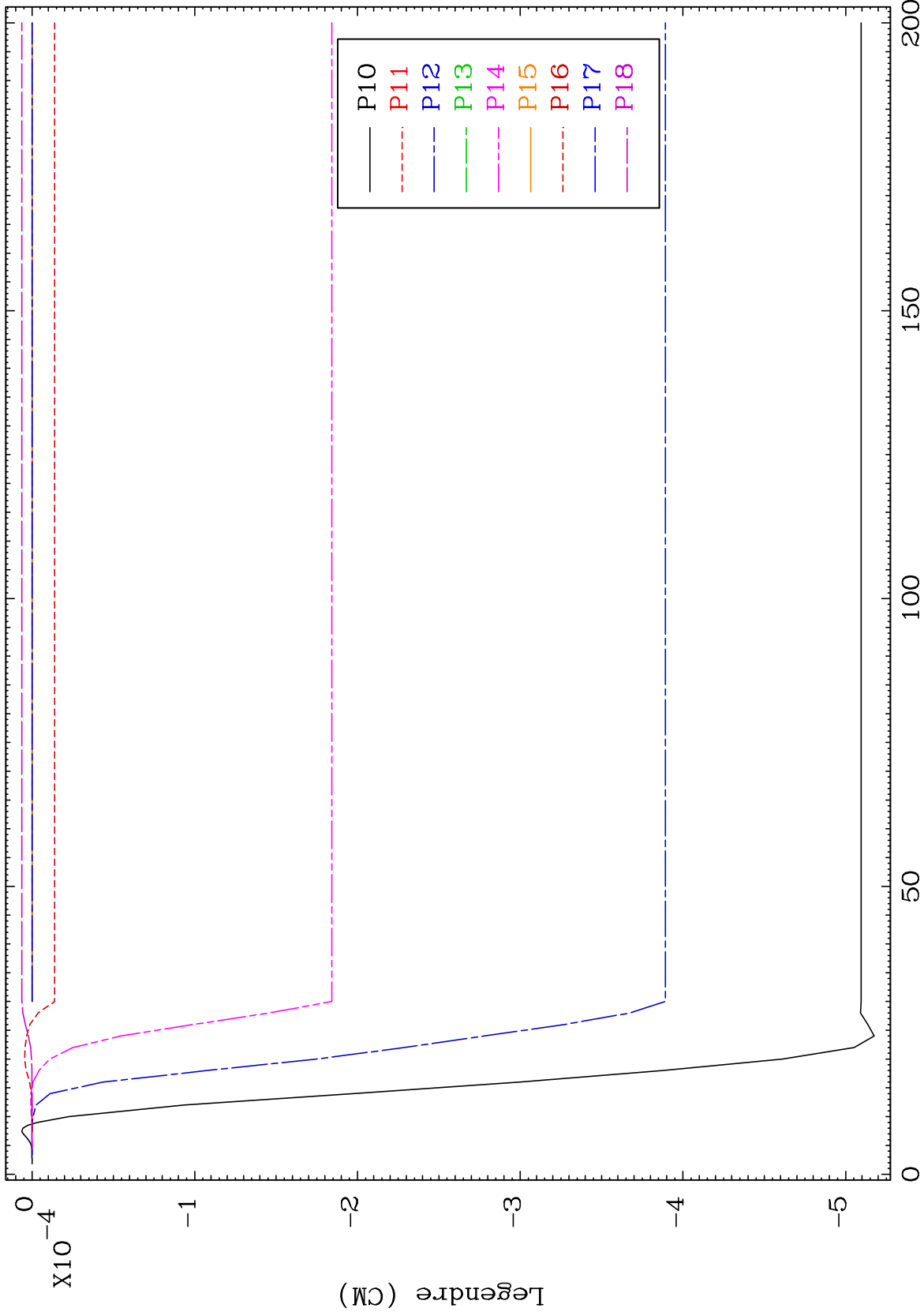
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

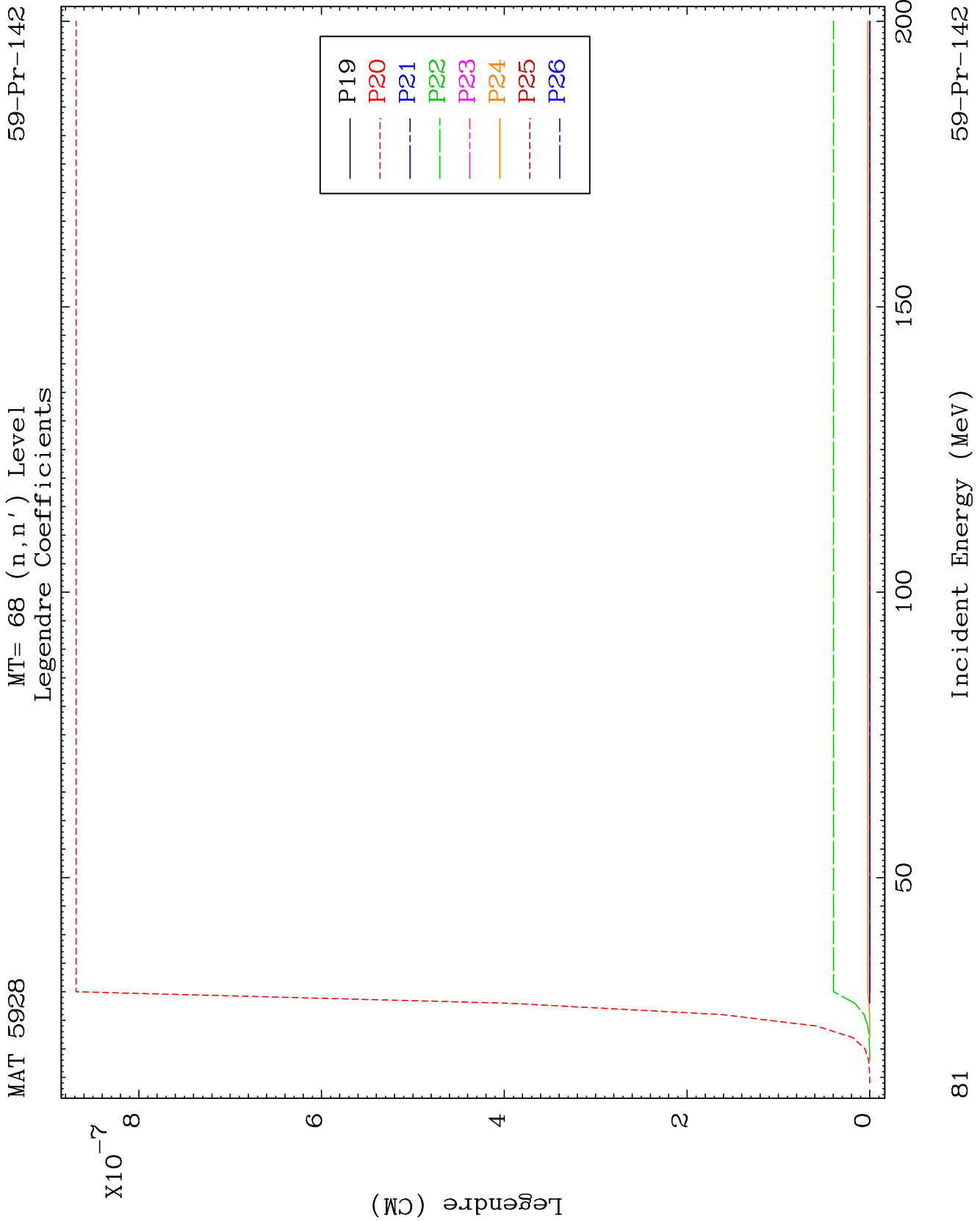
59-Pr-142



80

Incident Energy (MeV)

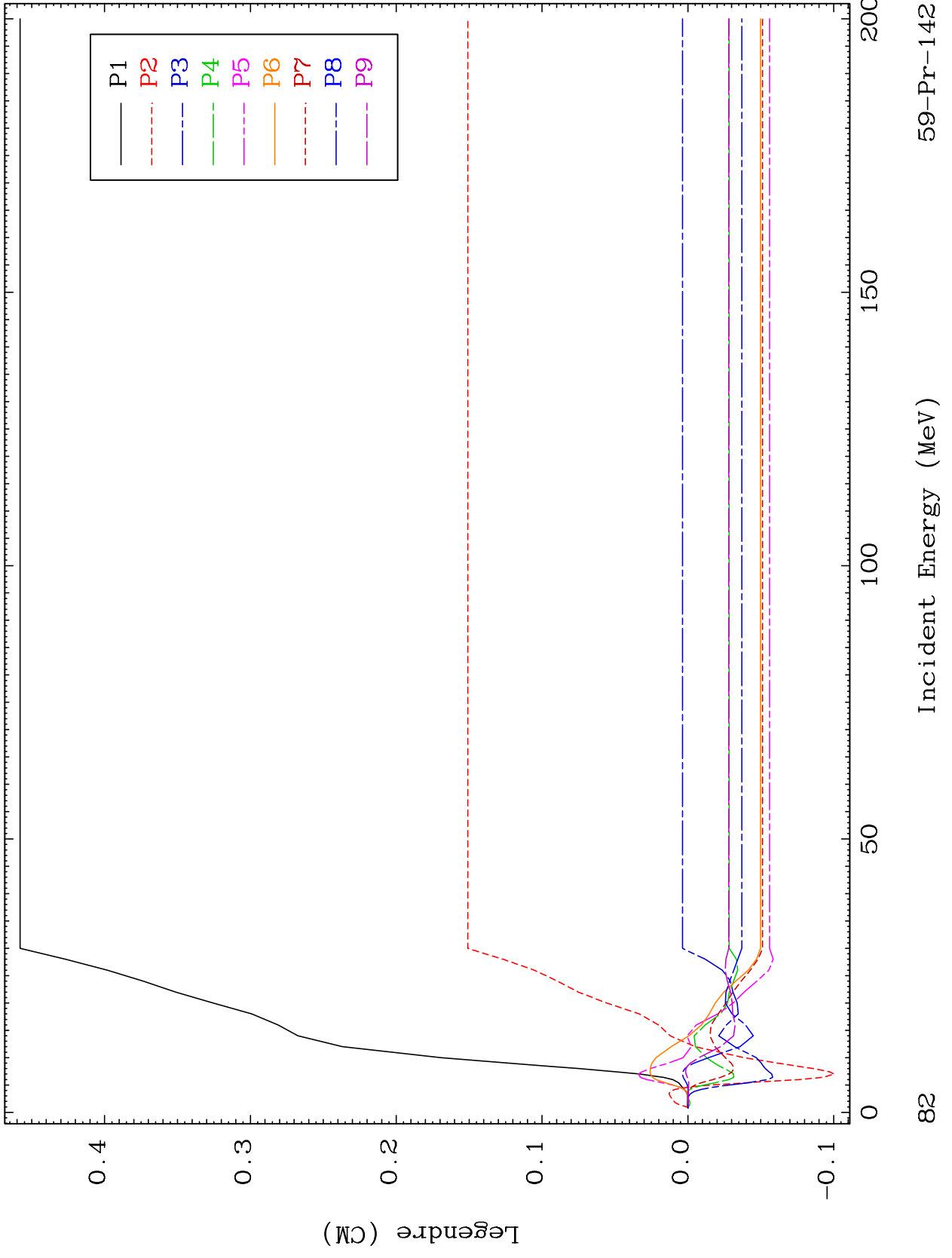
59-Pr-142



MAT 5928

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

59-Pr-142



59-Pr-142

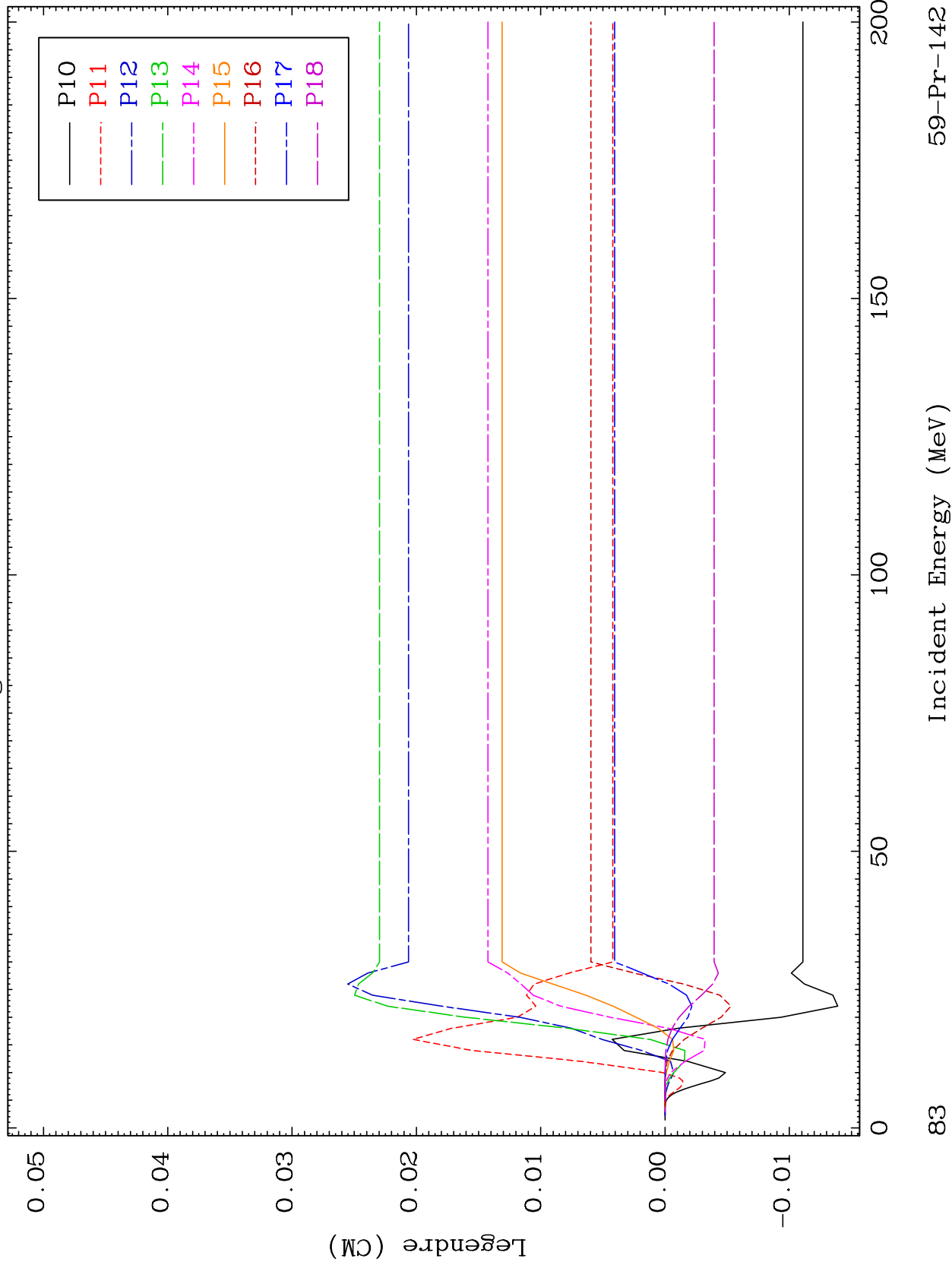
Incident Energy (MeV)

82

MAT 5928

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

59-Pr-142



83

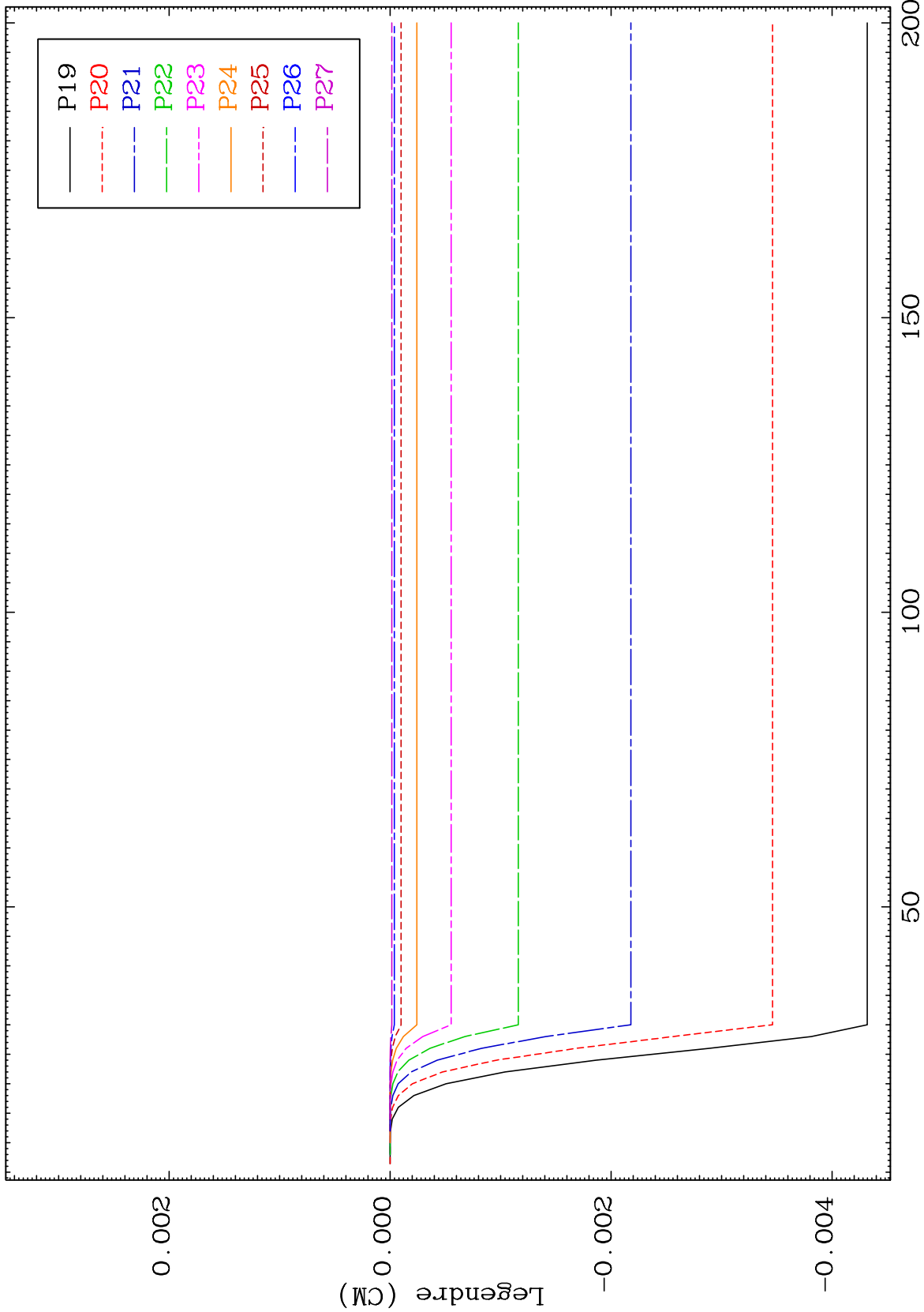
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



84

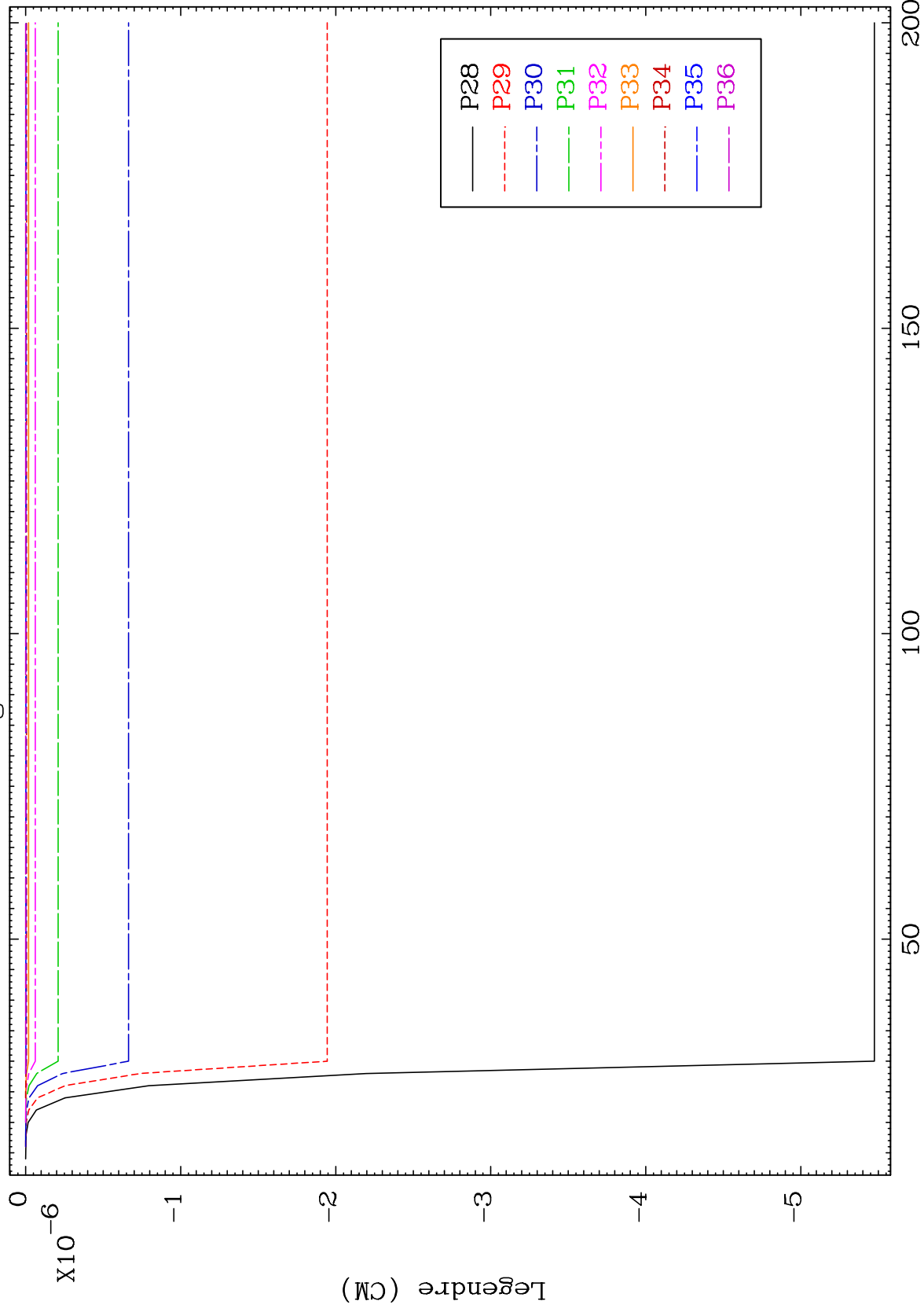
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



85

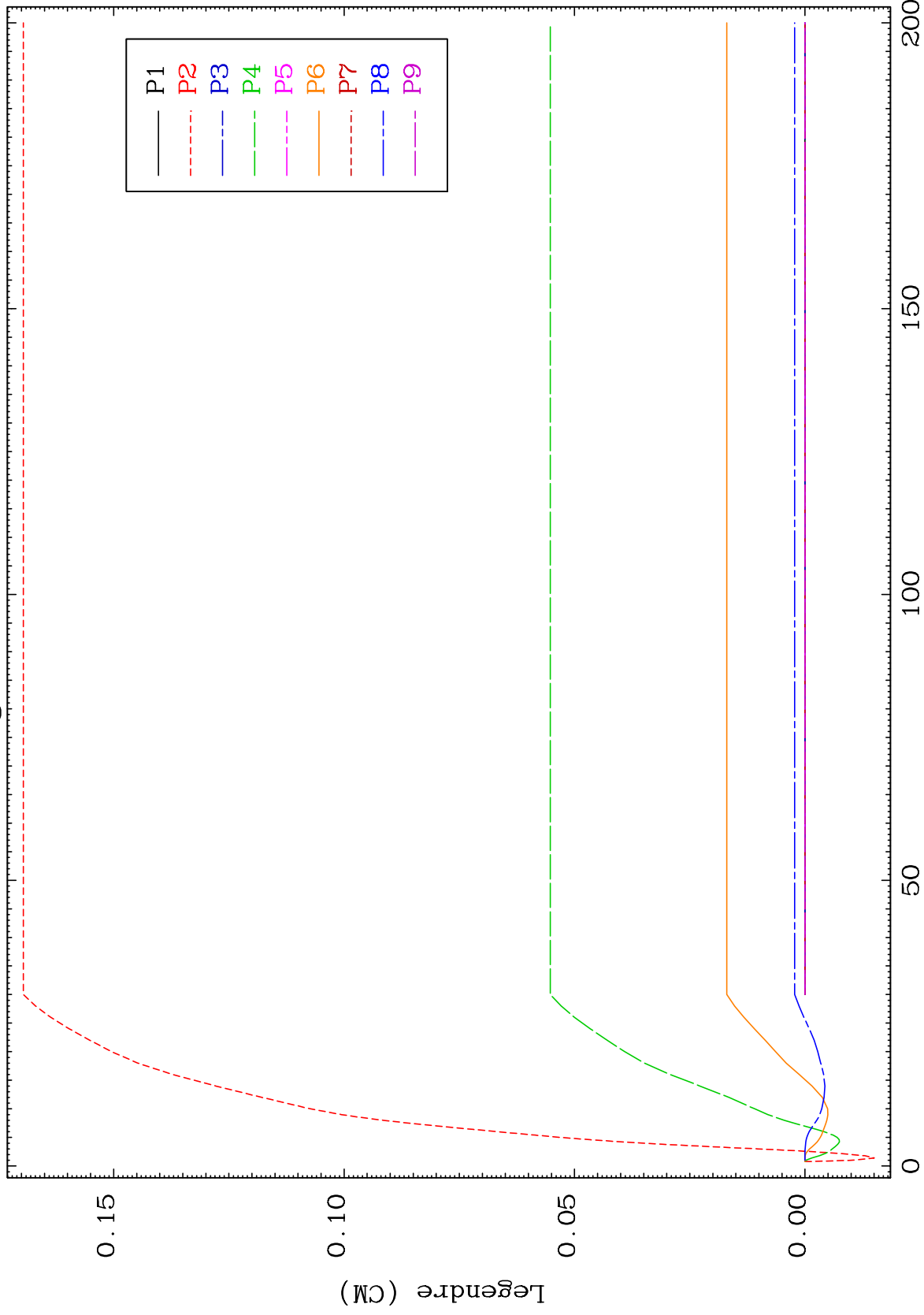
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

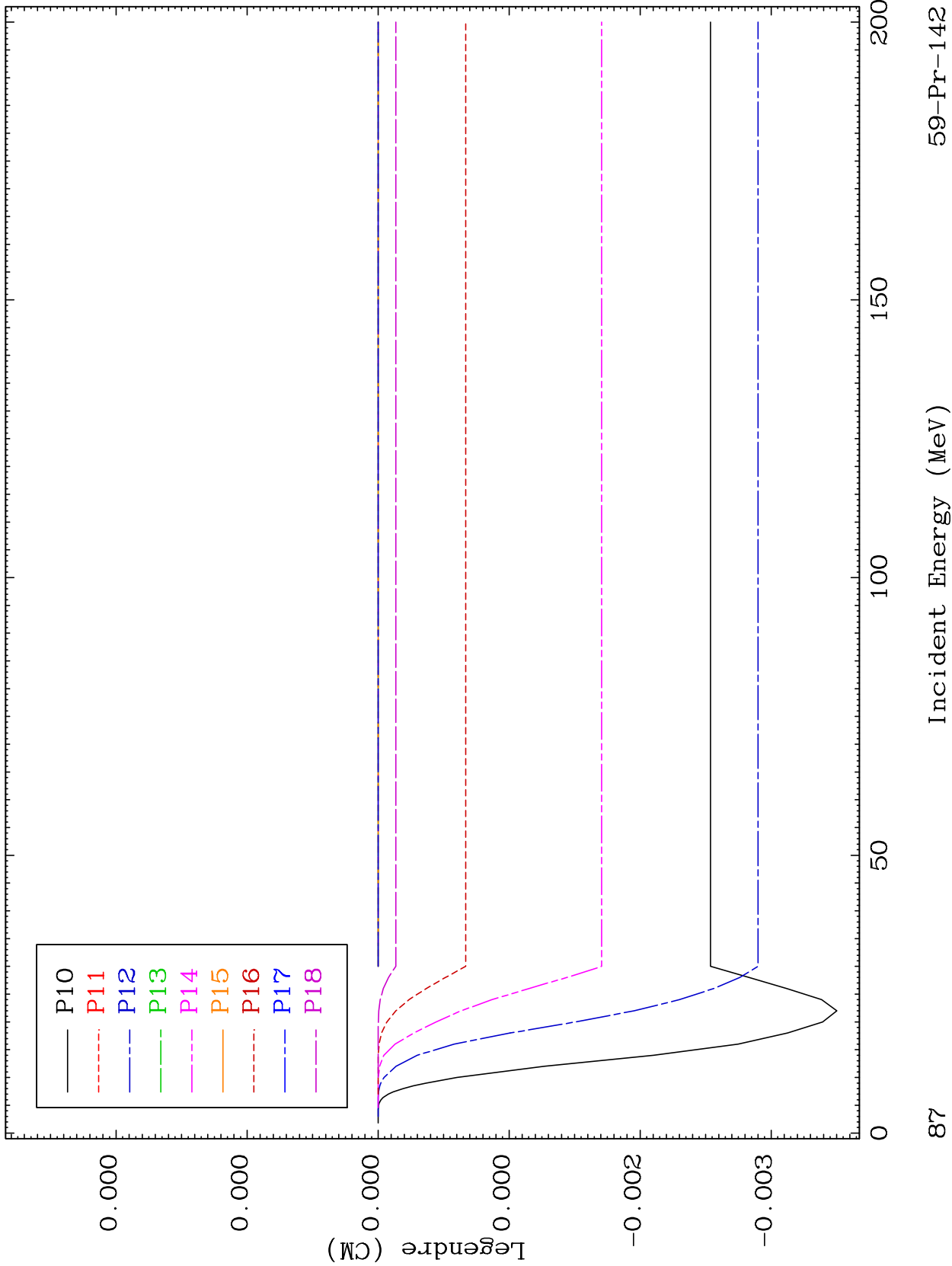
59-Pr-142



86

Incident Energy (MeV)

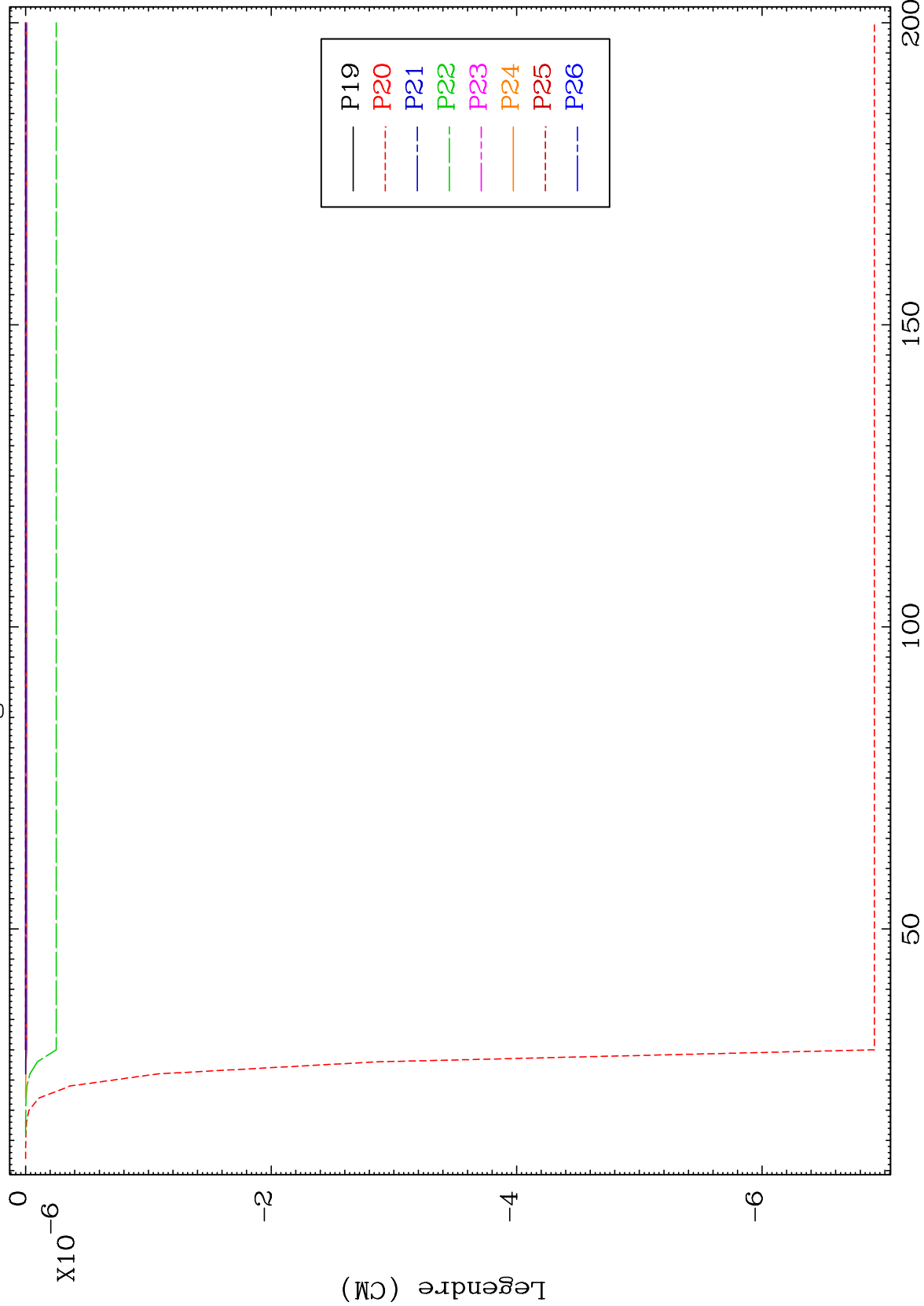
59-Pr-142



MAT 5928

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

59-Pr-142



88

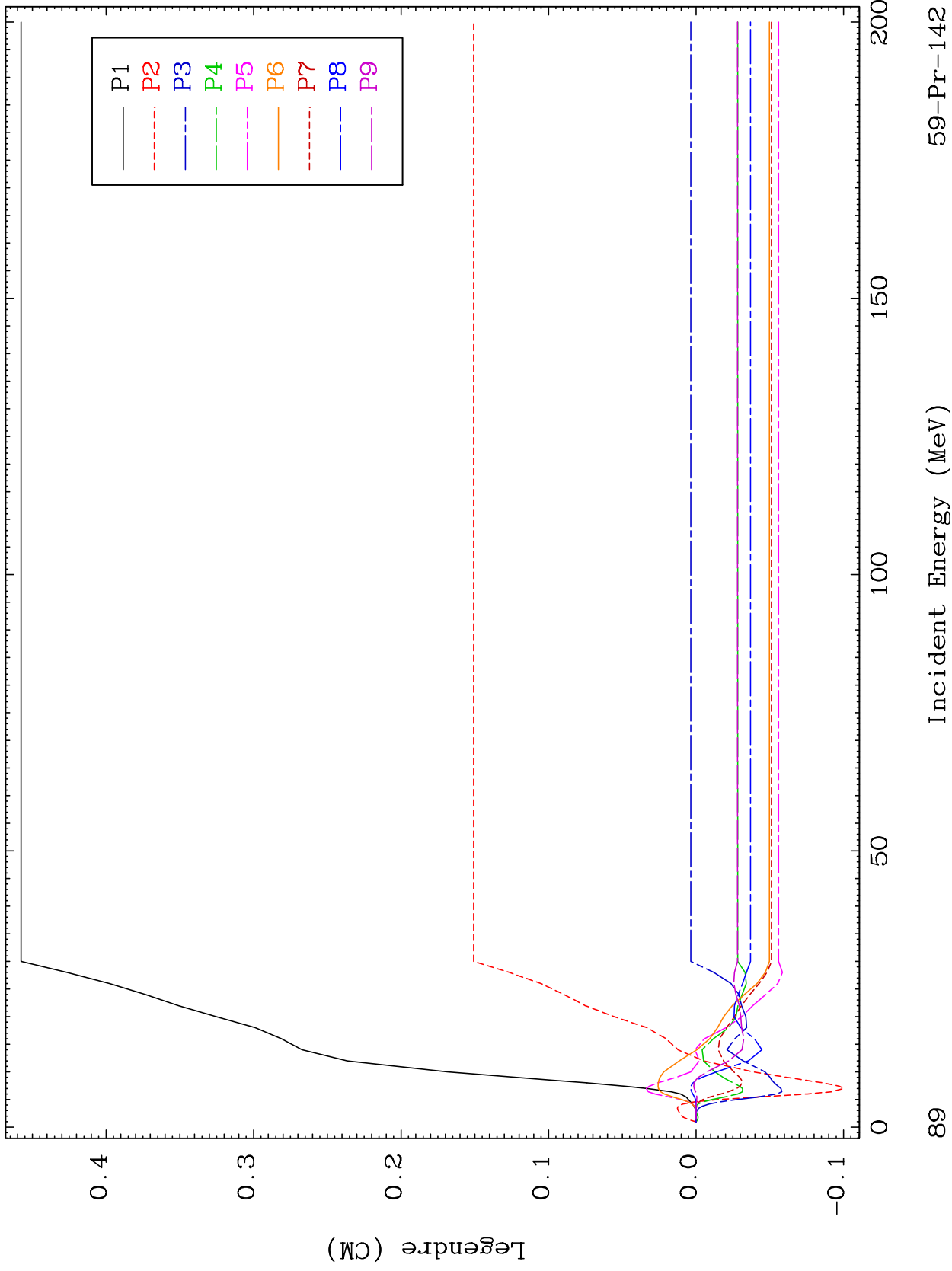
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



59-Pr-142

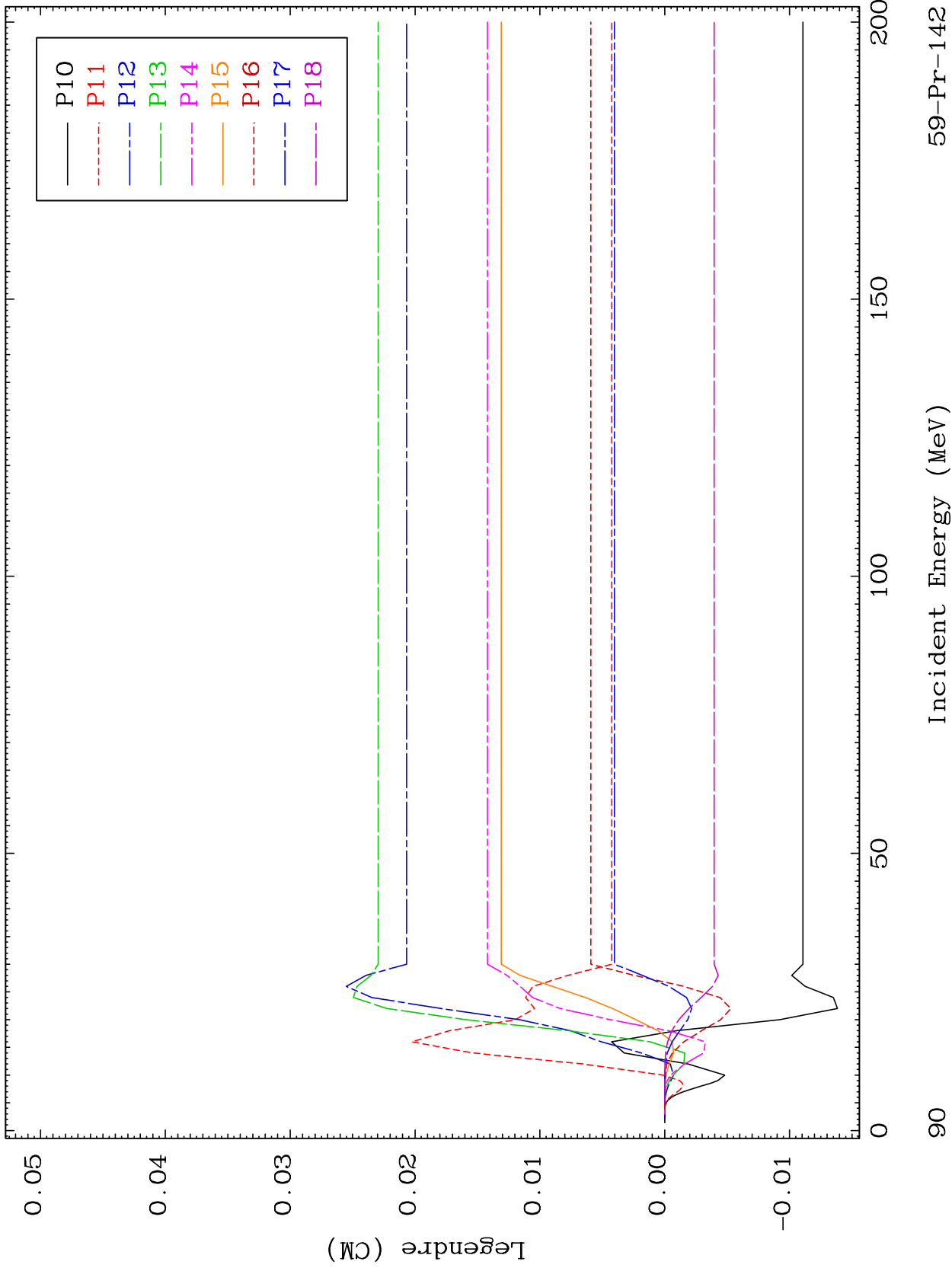
Incident Energy (MeV)

89

MAT 5928

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

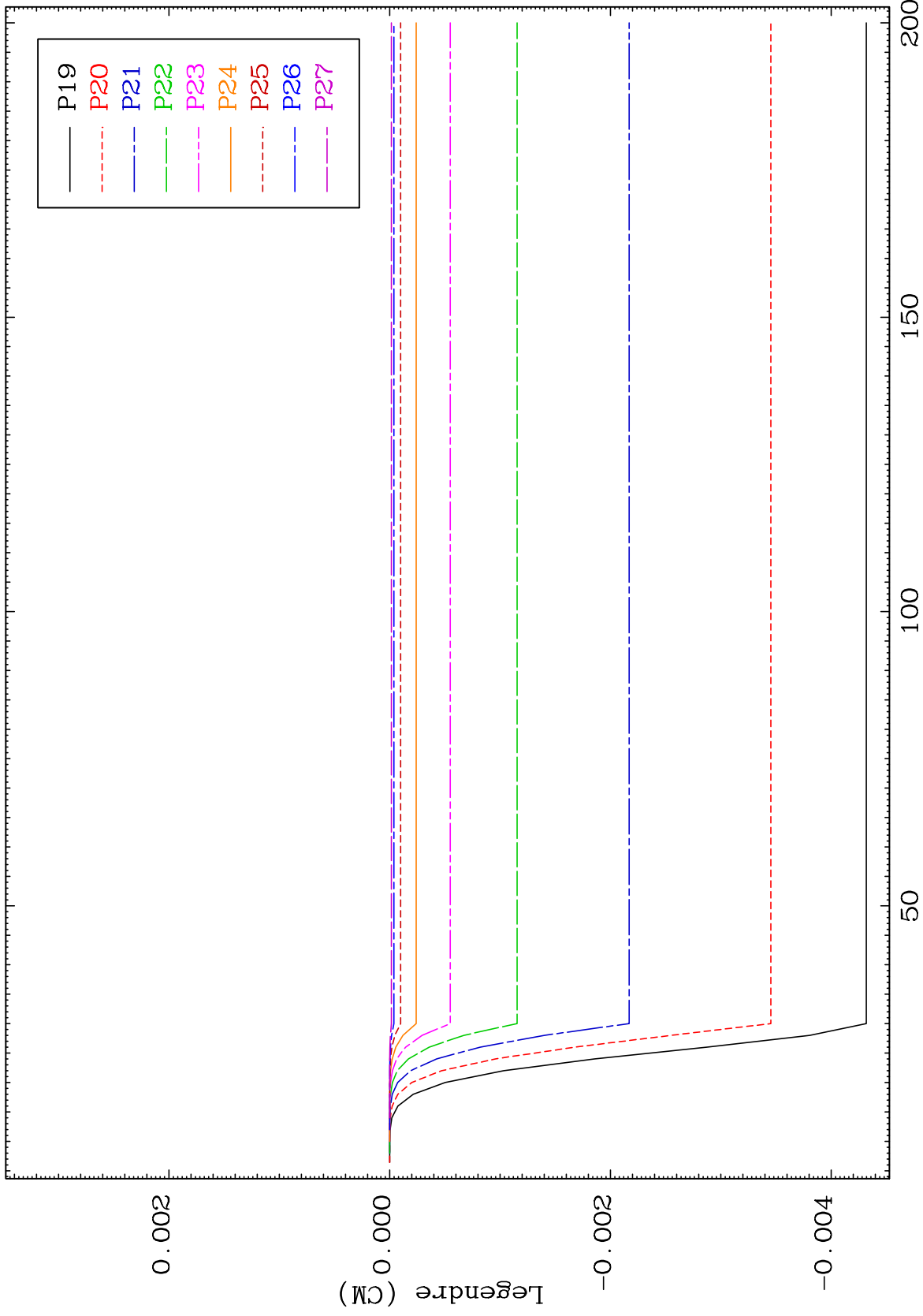
59-Pr-142



59-Pr-142

Incident Energy (MeV)

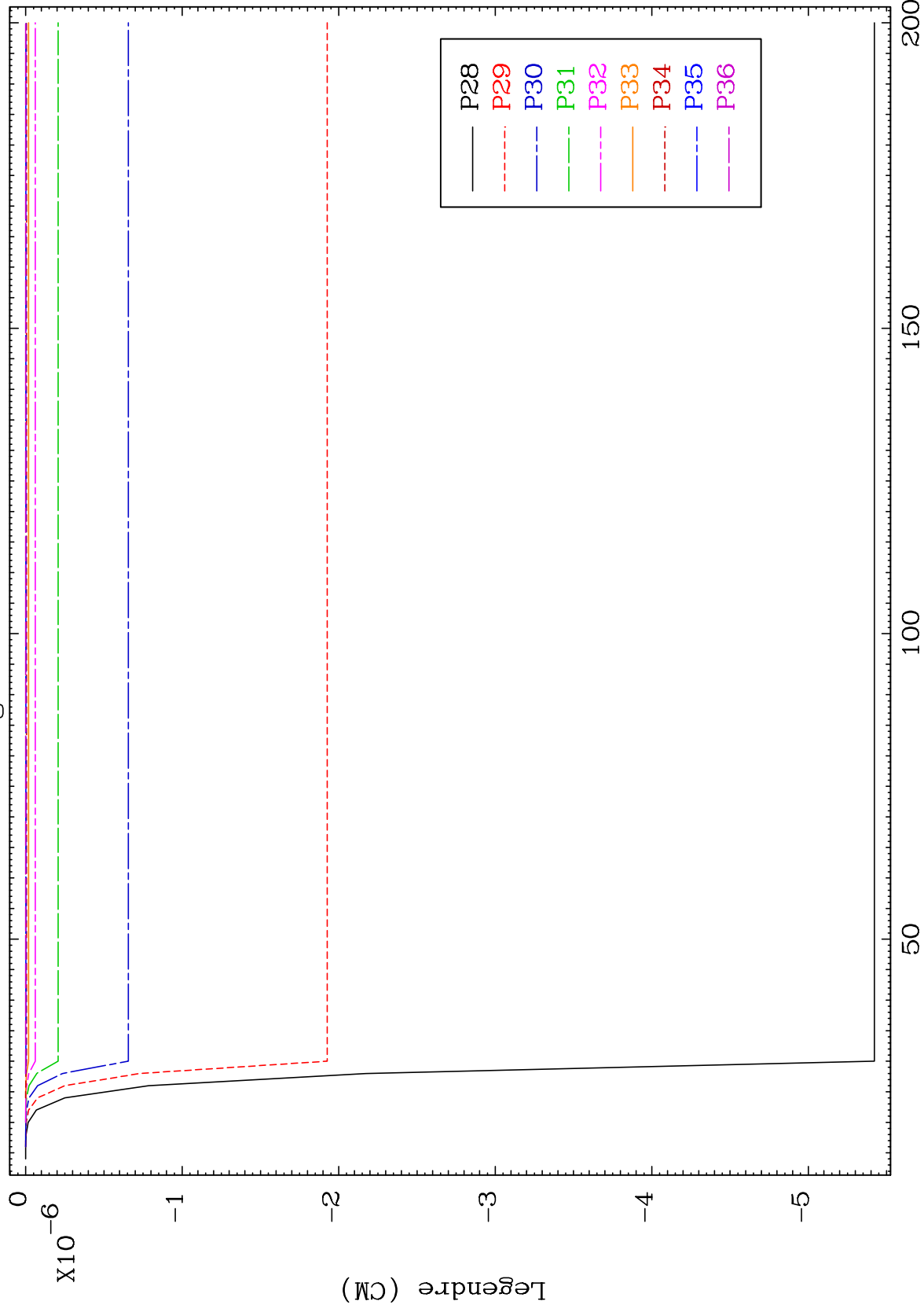
90



MAT 5928

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

59-Pr-142



92

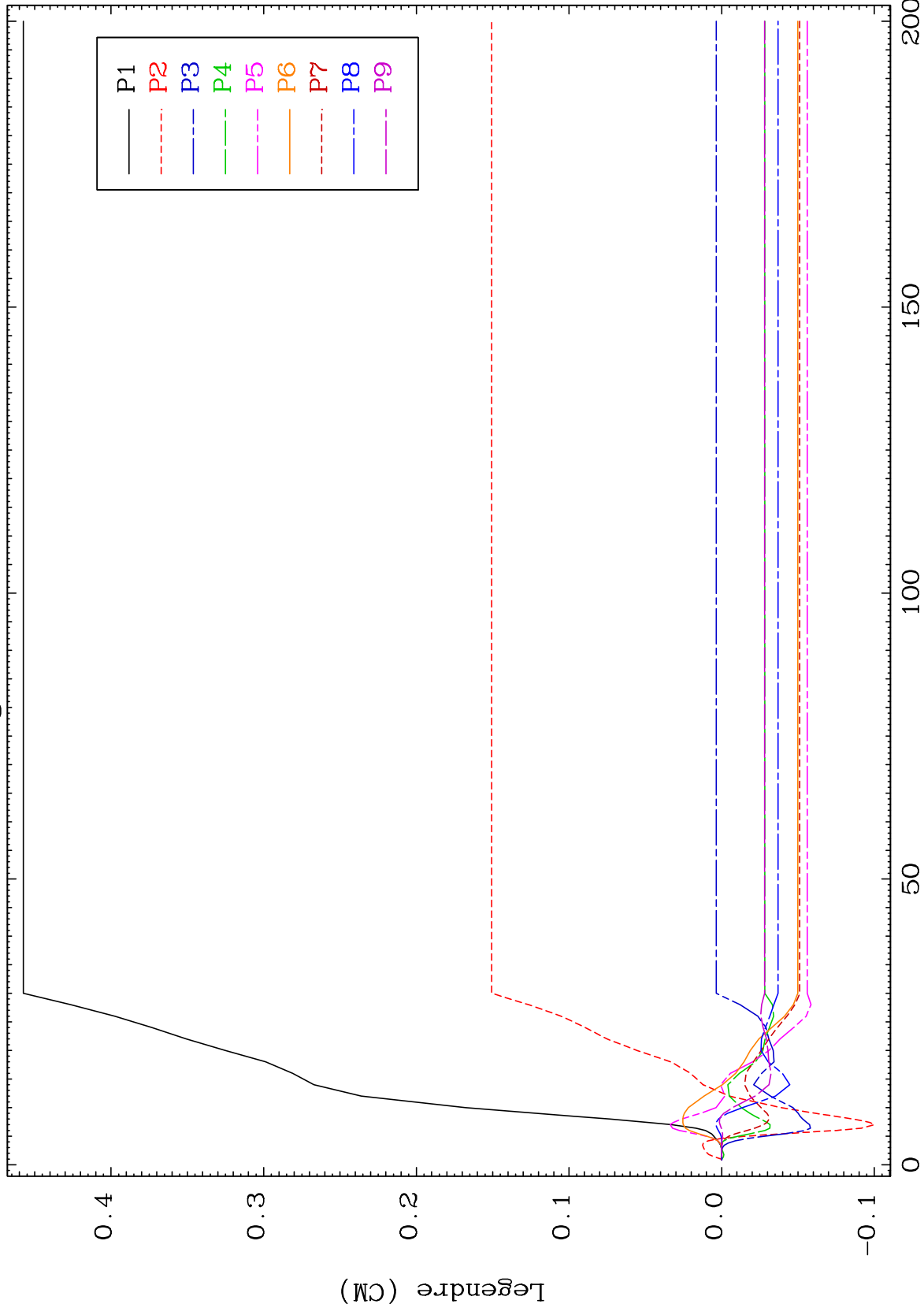
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



93

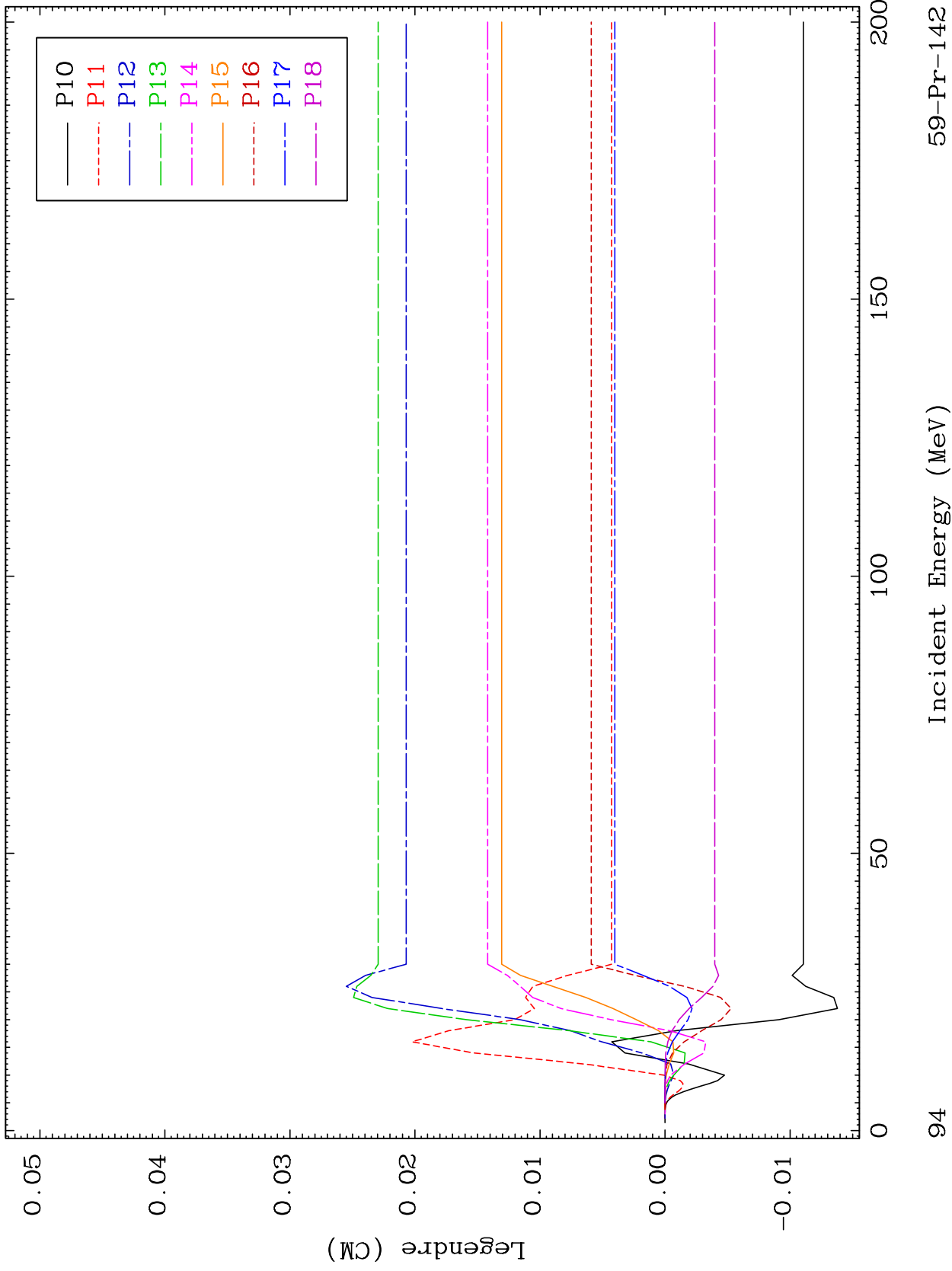
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



59-Pr-142

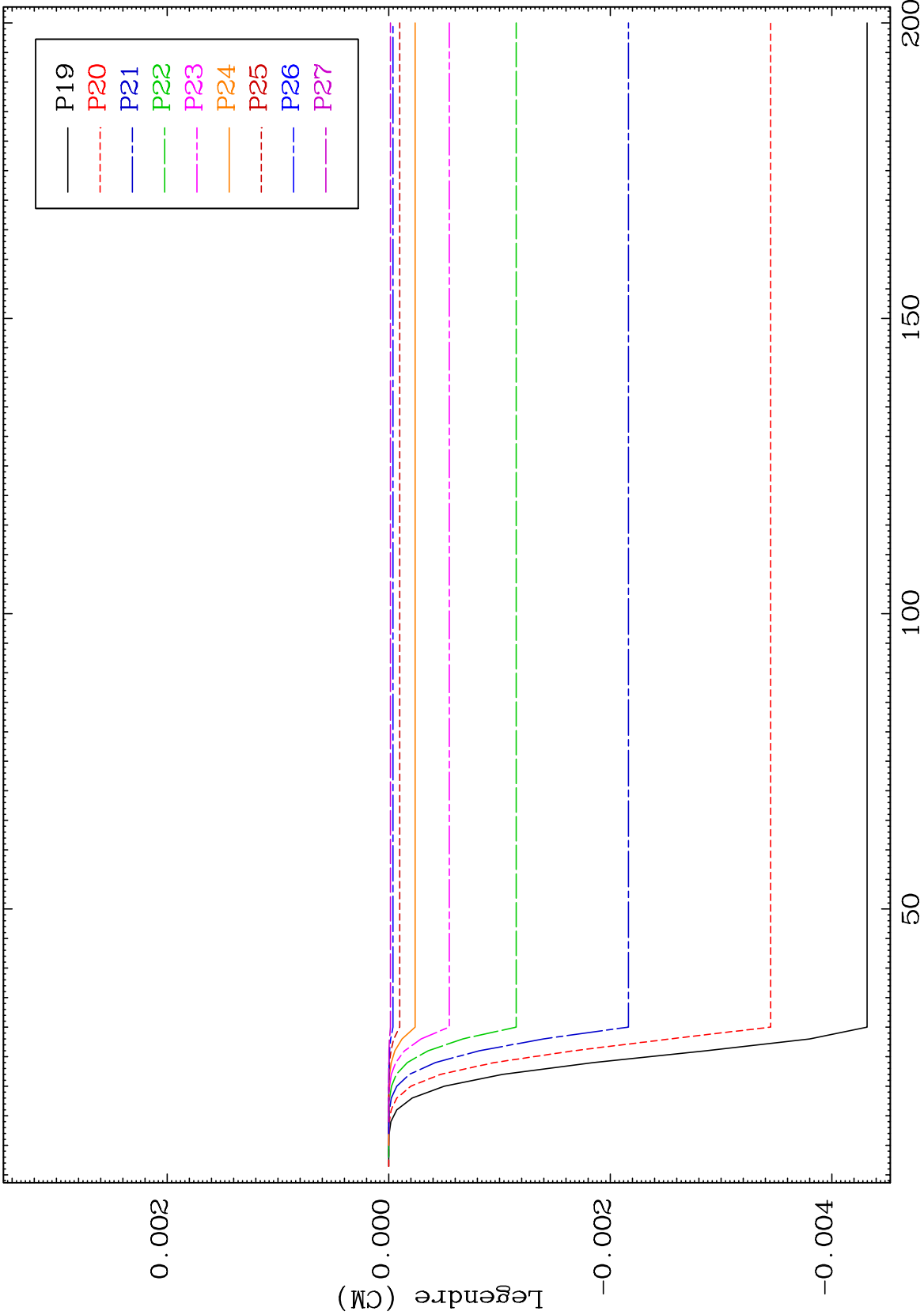
Incident Energy (MeV)

94

MAT 5928

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

59-Pr-142



95

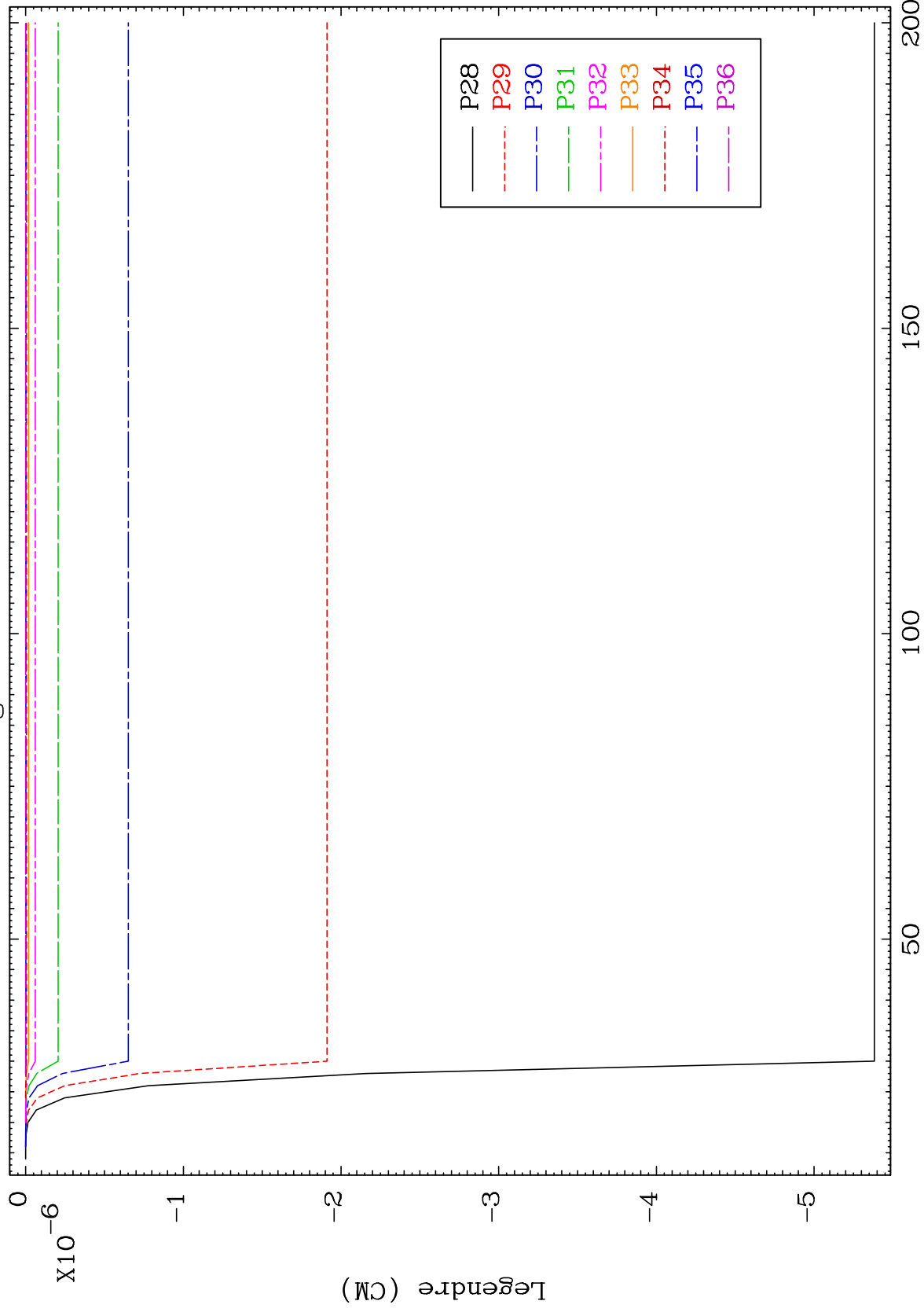
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

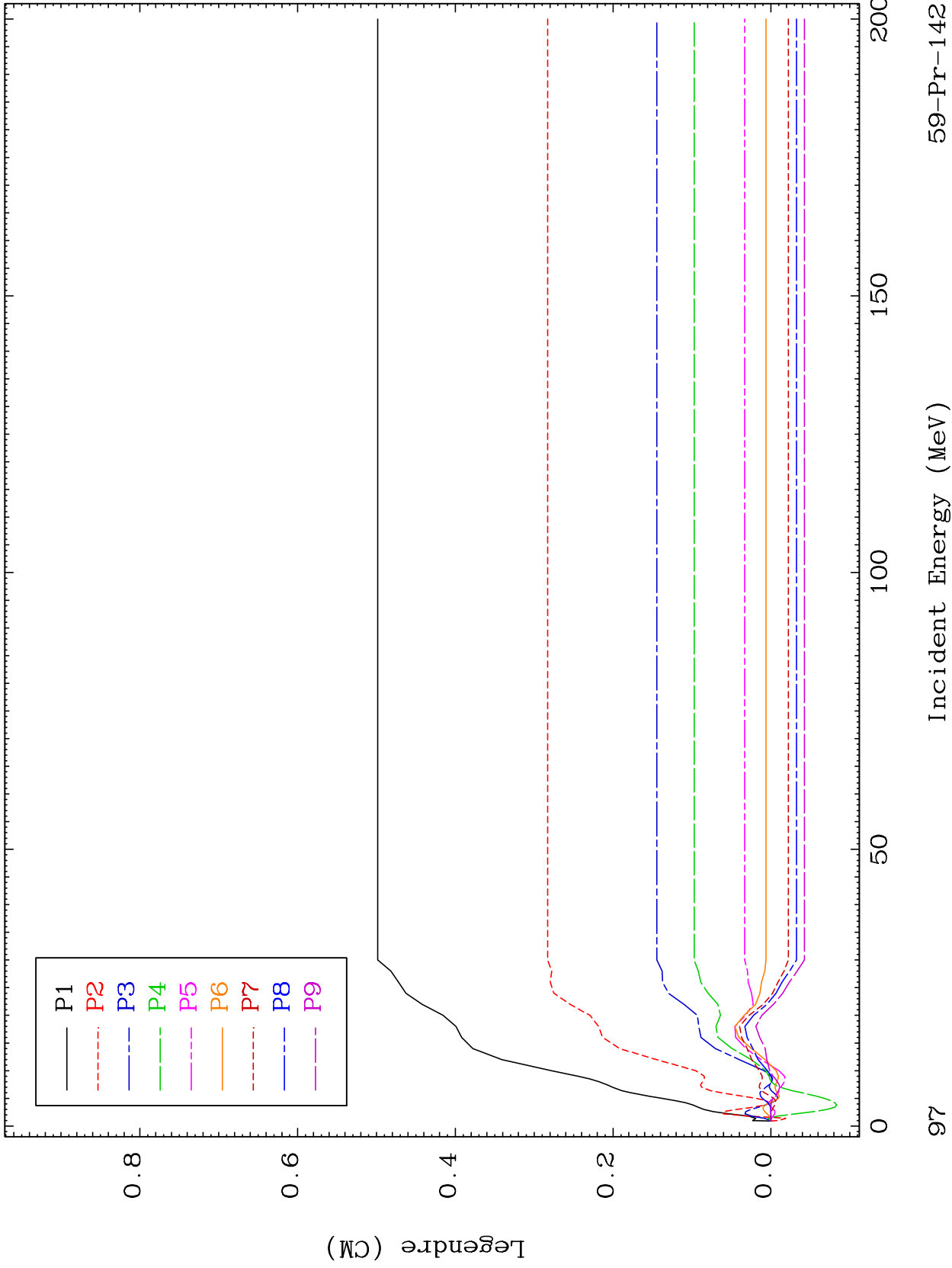
59-Pr-142



96

Incident Energy (MeV)

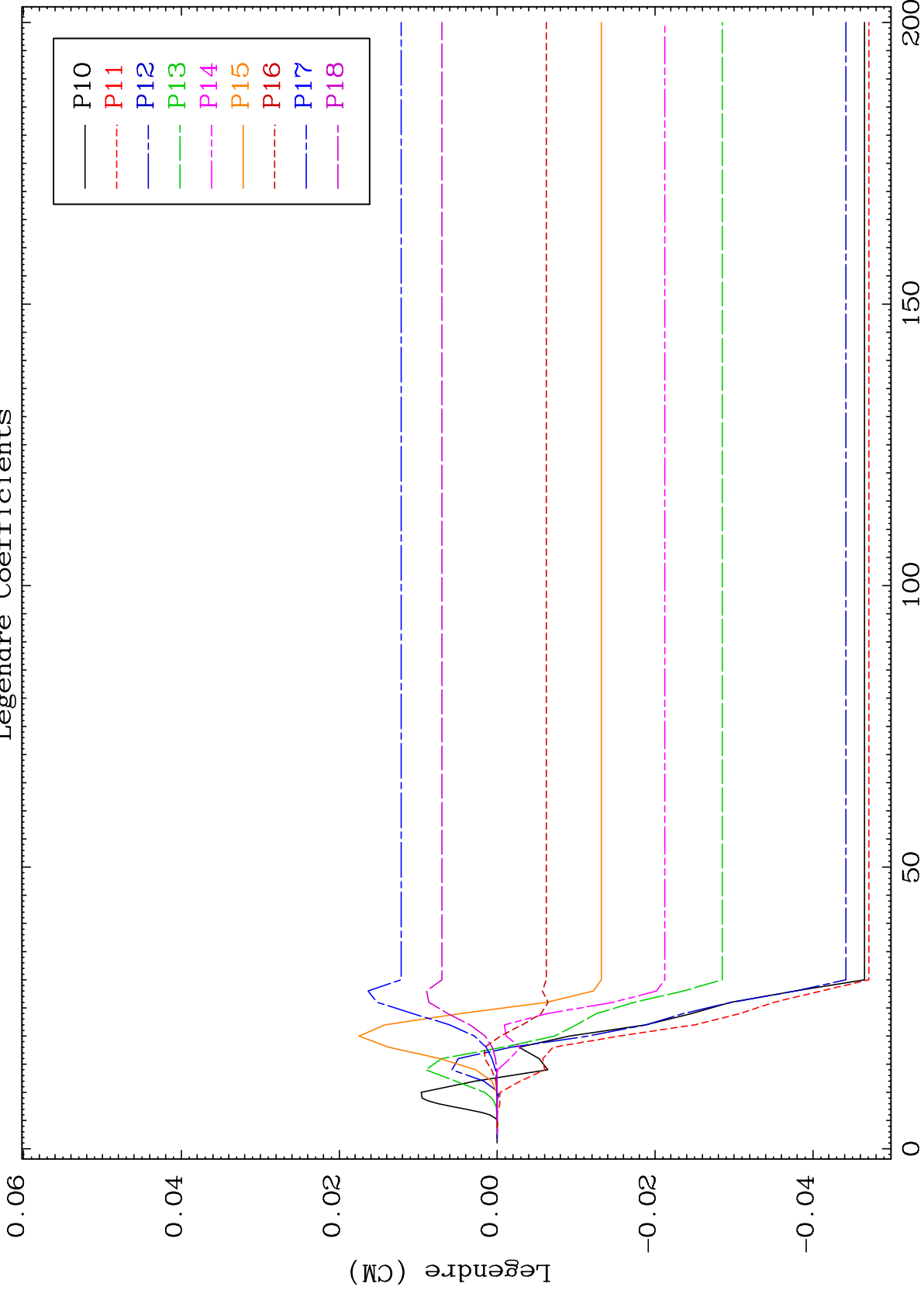
59-Pr-142



MAT 5928

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

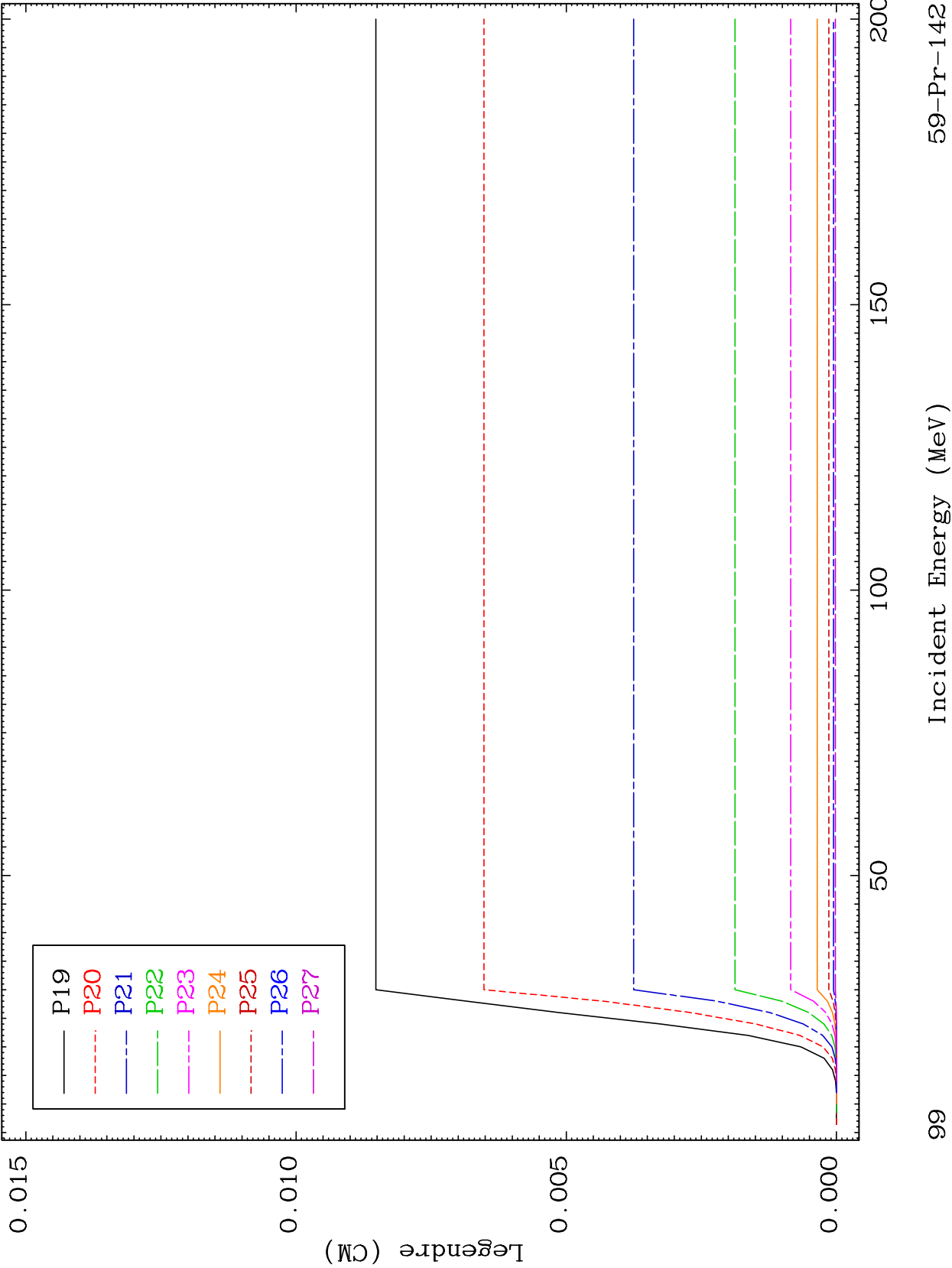
59-Pr-142



98

Incident Energy (MeV)

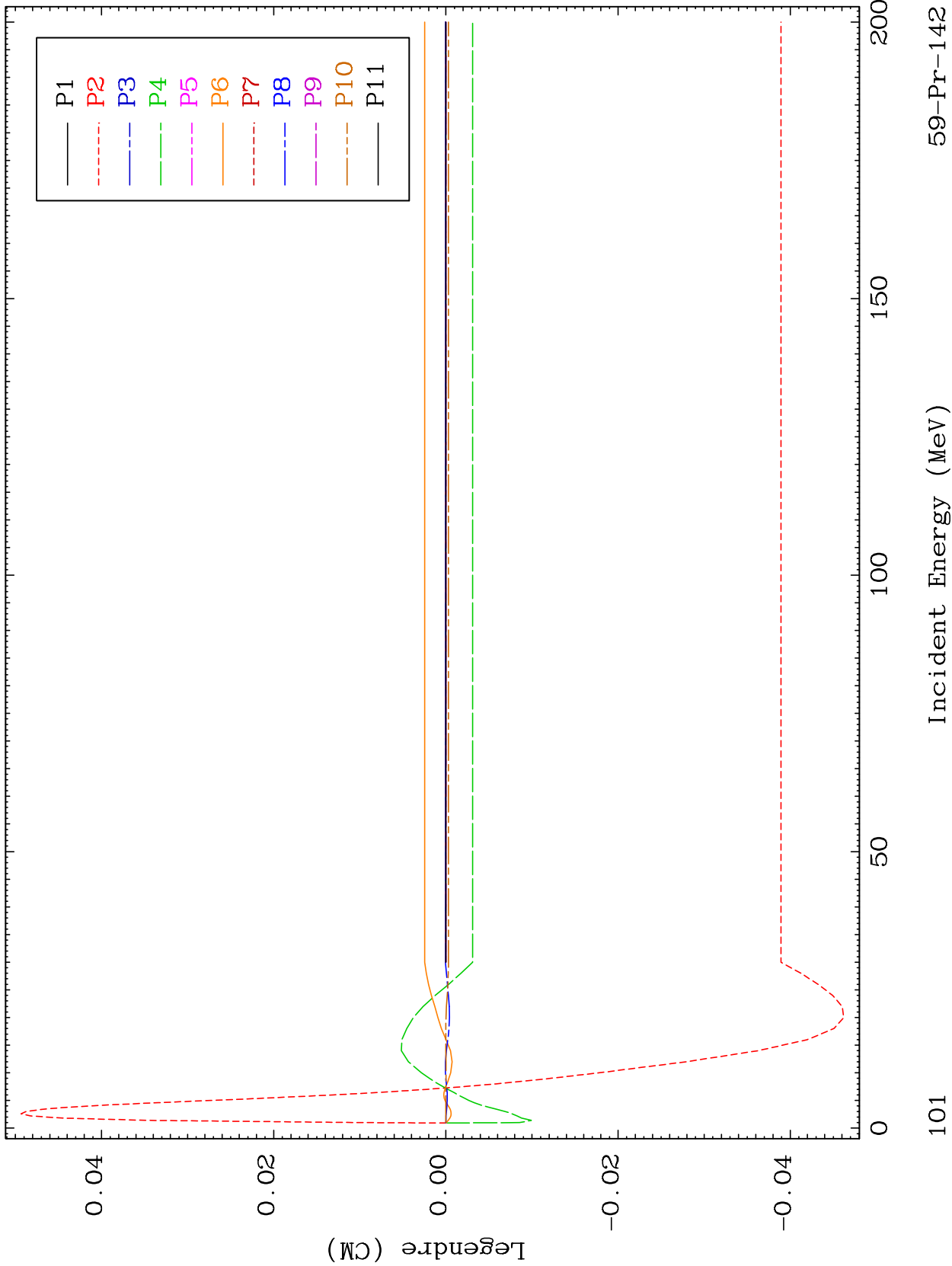
59-Pr-142



MAT 5928

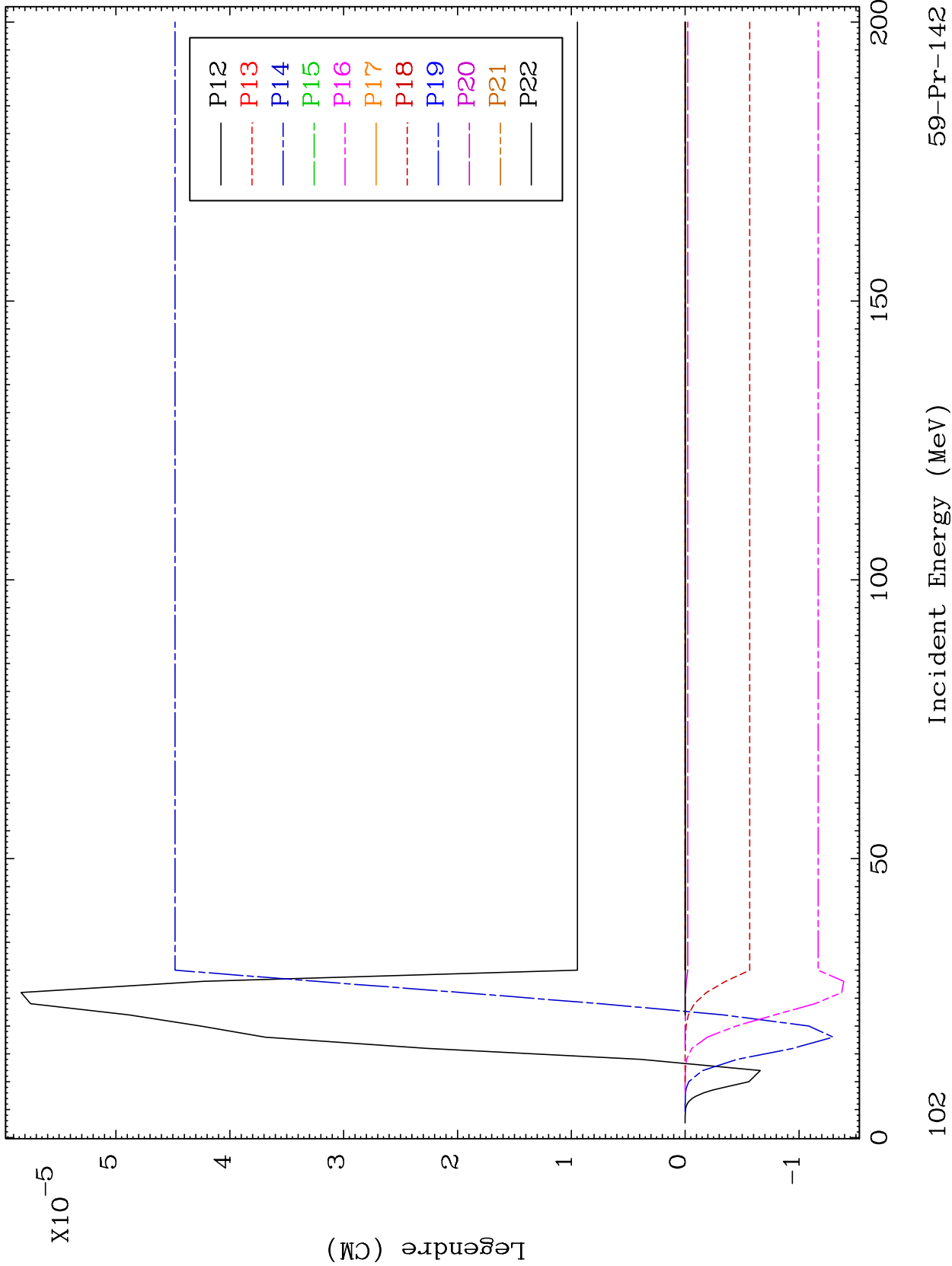
MT= 74 (n,n') Level
Legendre Coefficients

59-Pr-142



101

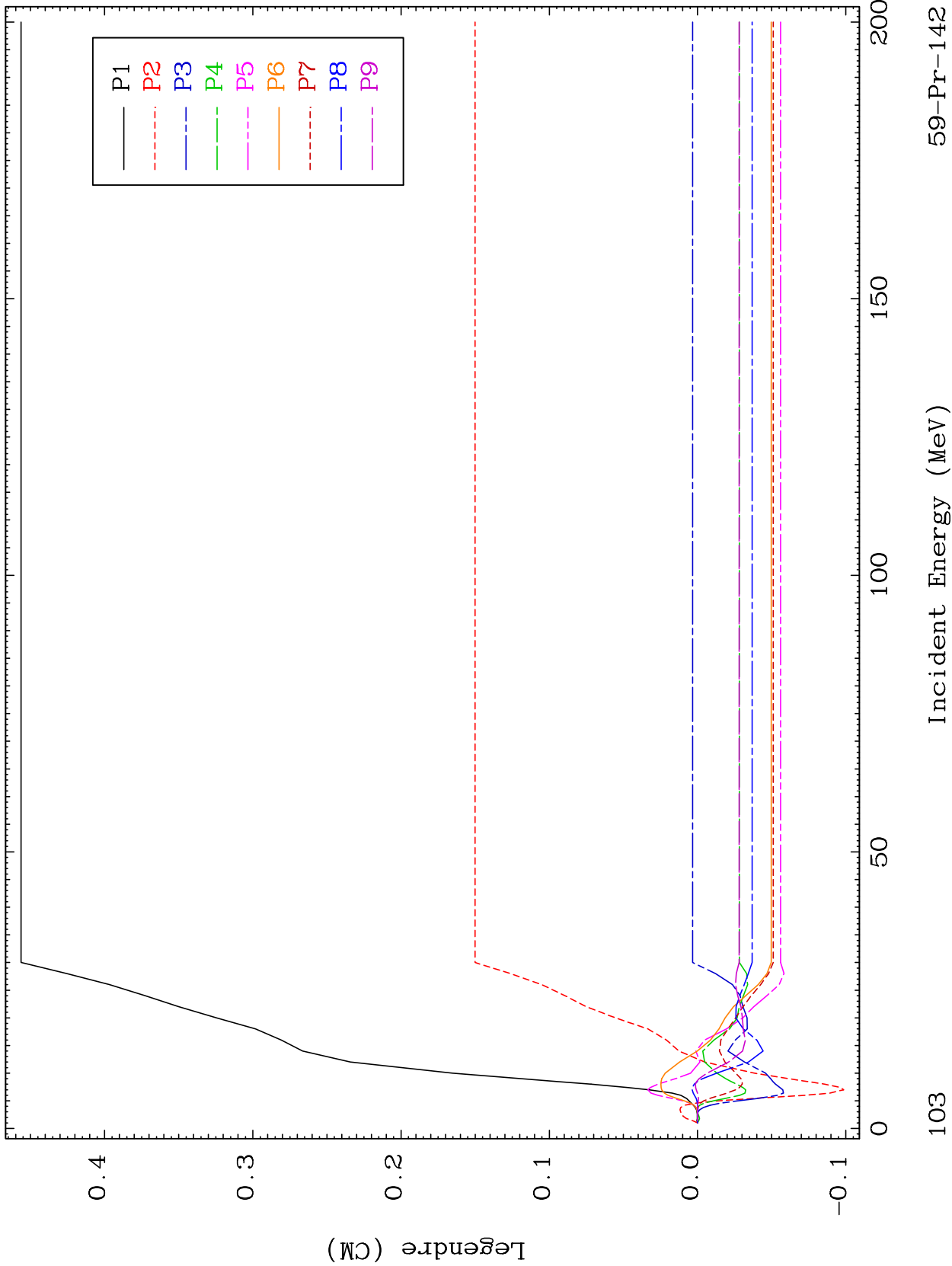
59-Pr-142



MAT 5928

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

59-Pr-142



59-Pr-142

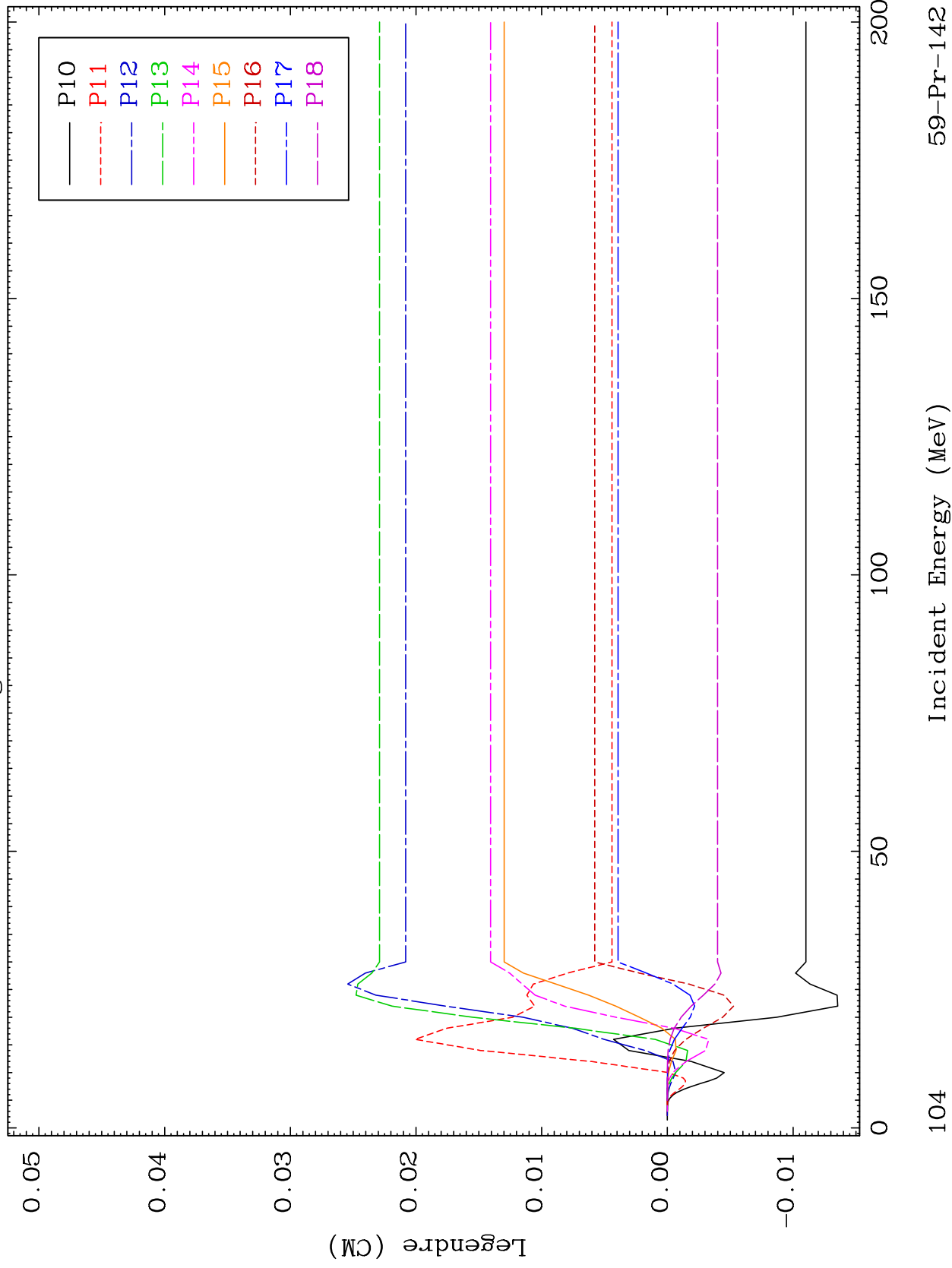
Incident Energy (MeV)

103

MAT 5928

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

59-Pr-142



59-Pr-142

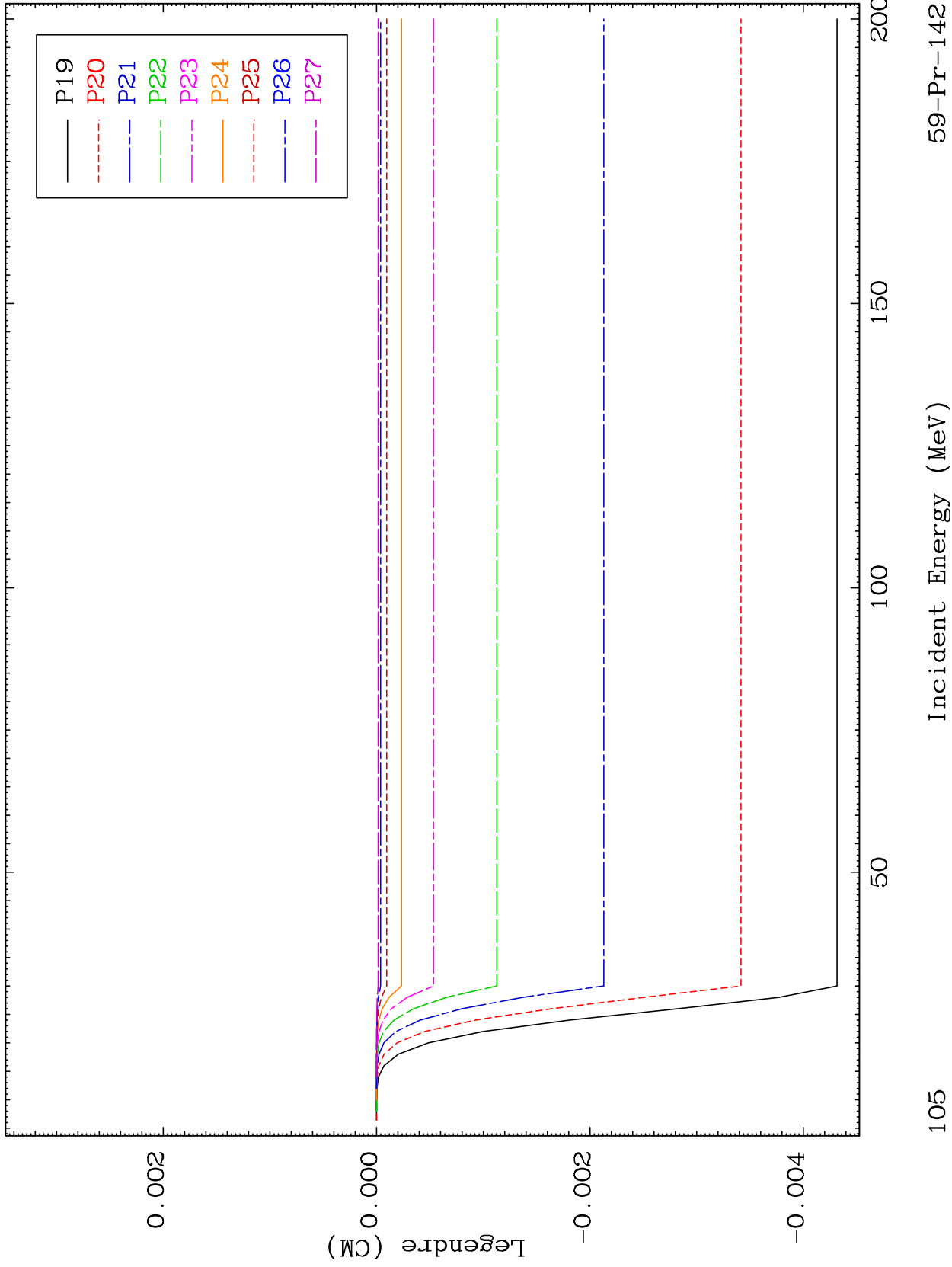
Incident Energy (MeV)

104

MAT 5928

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

59-Pr-142



105

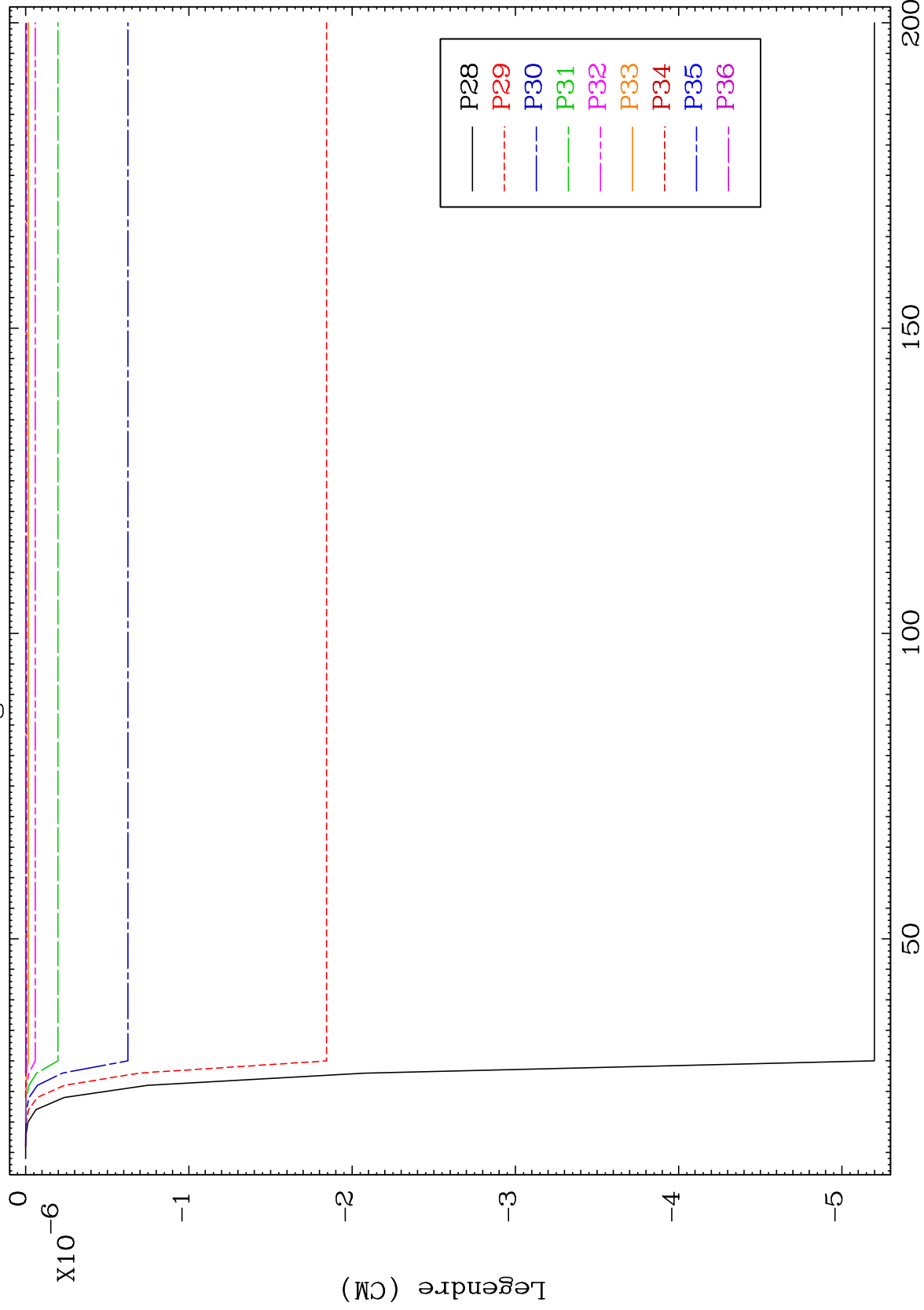
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



106

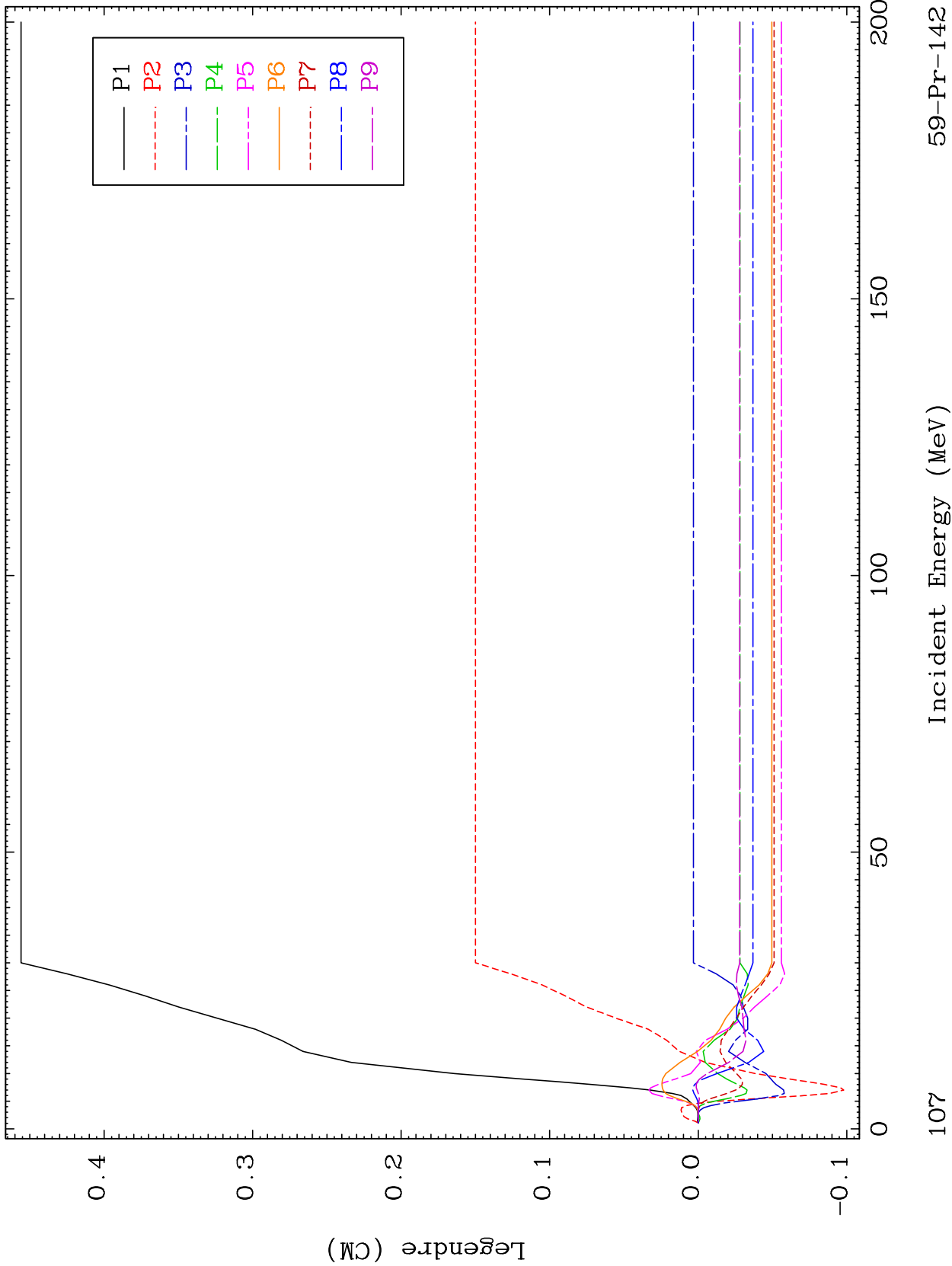
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



59-Pr-142

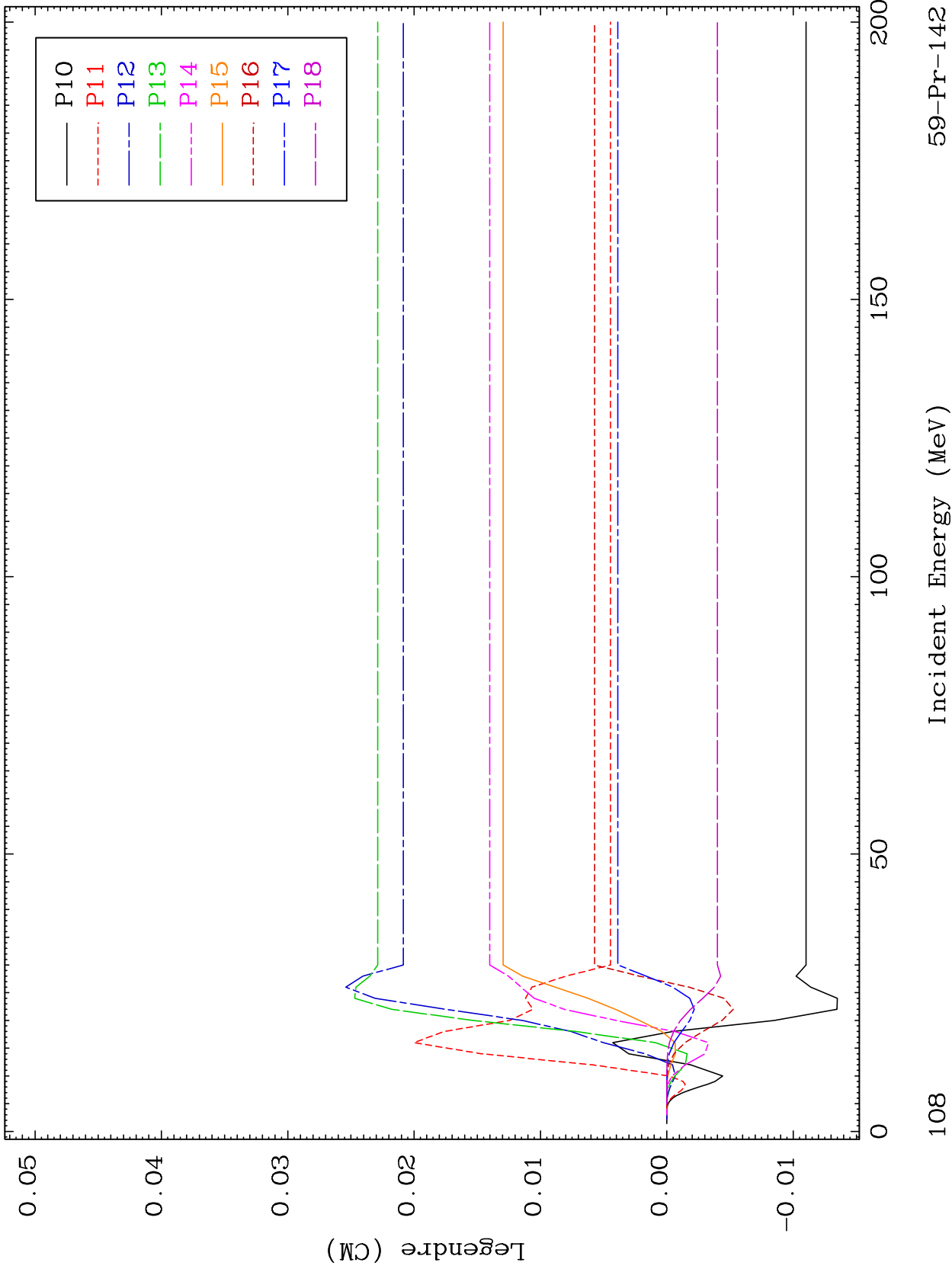
Incident Energy (MeV)

107

MAT 5928

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

59-Pr-142



59-Pr-142

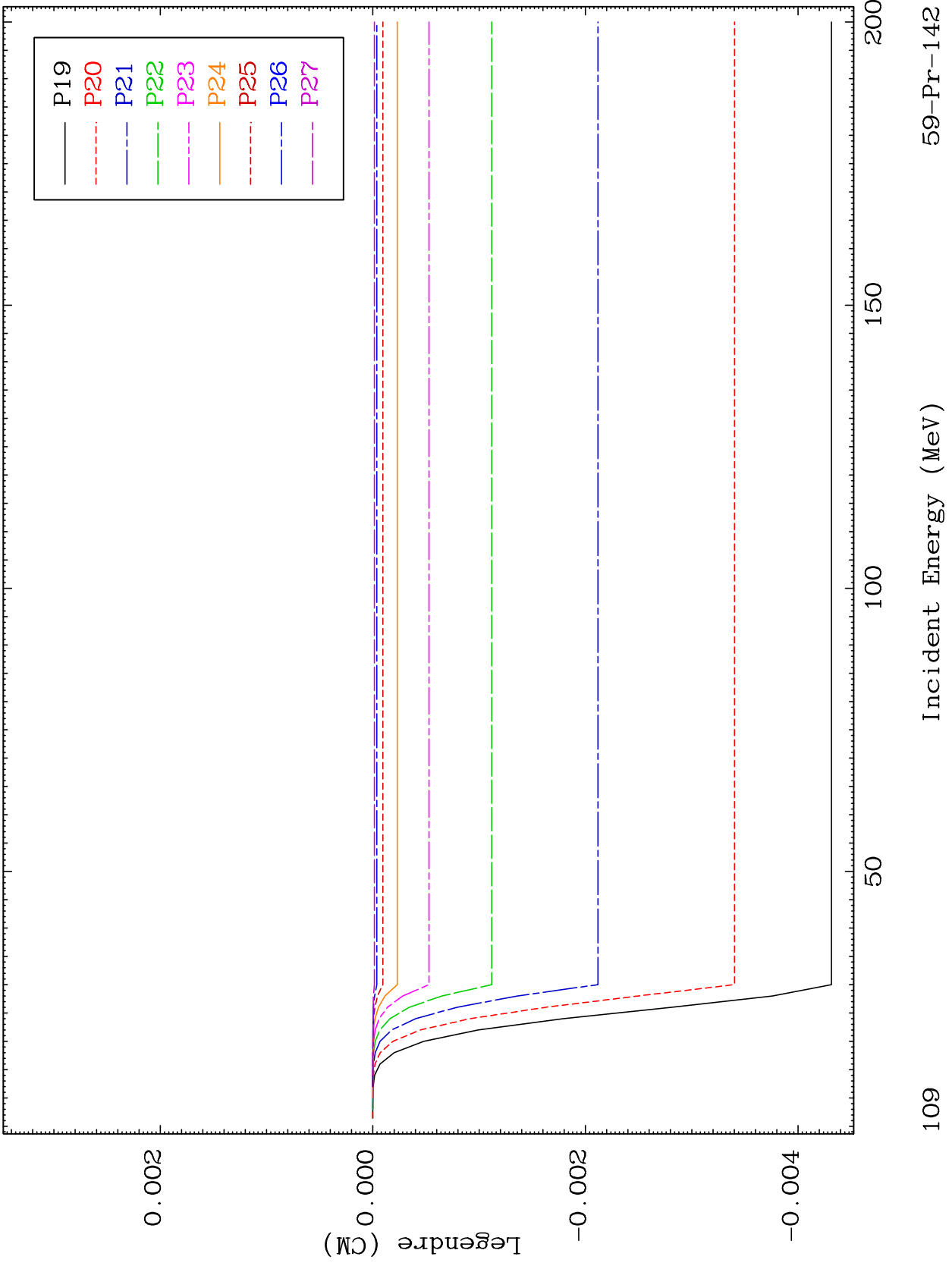
Incident Energy (MeV)

108

MAT 5928

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

59-Pr-142



109

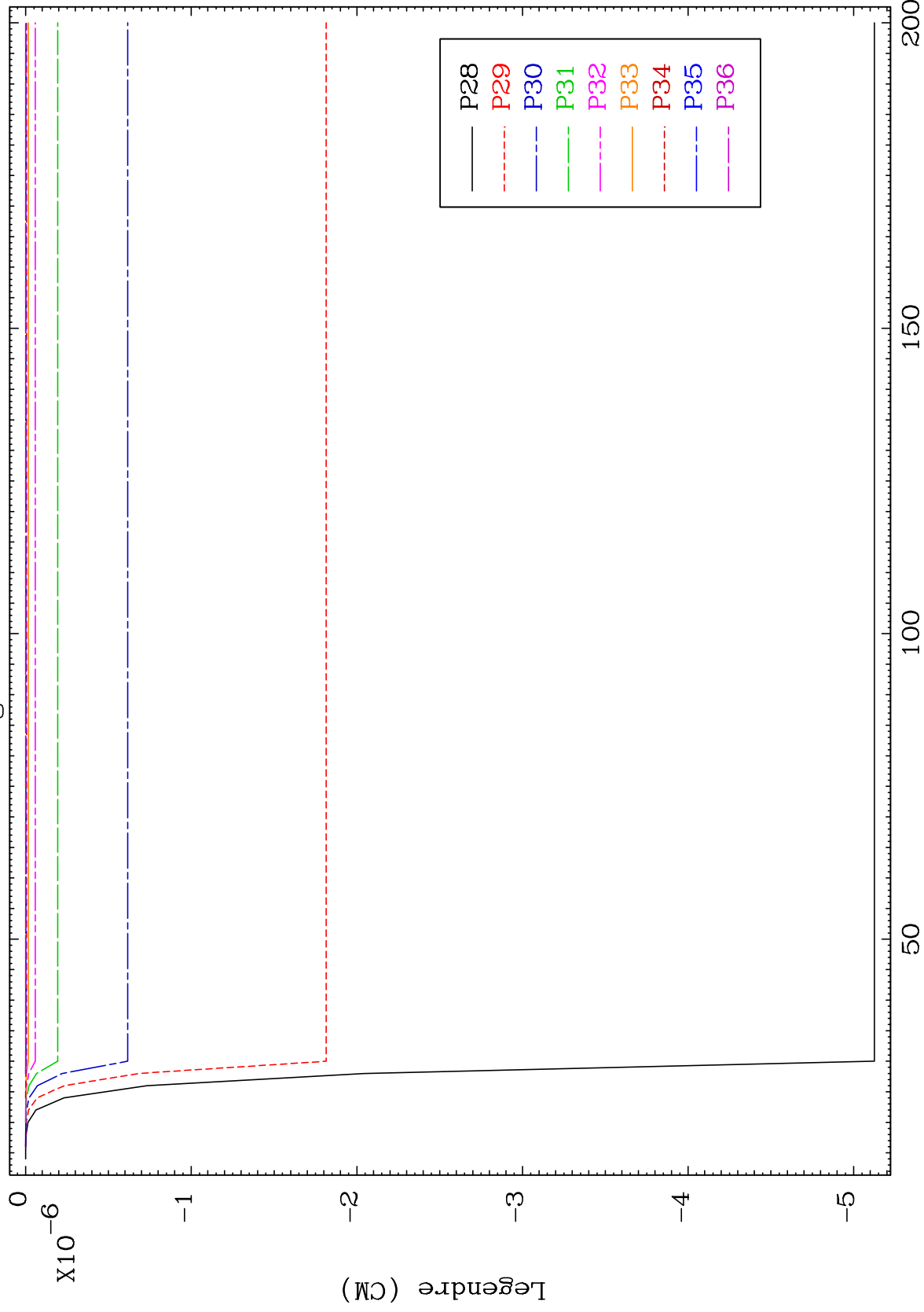
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



110

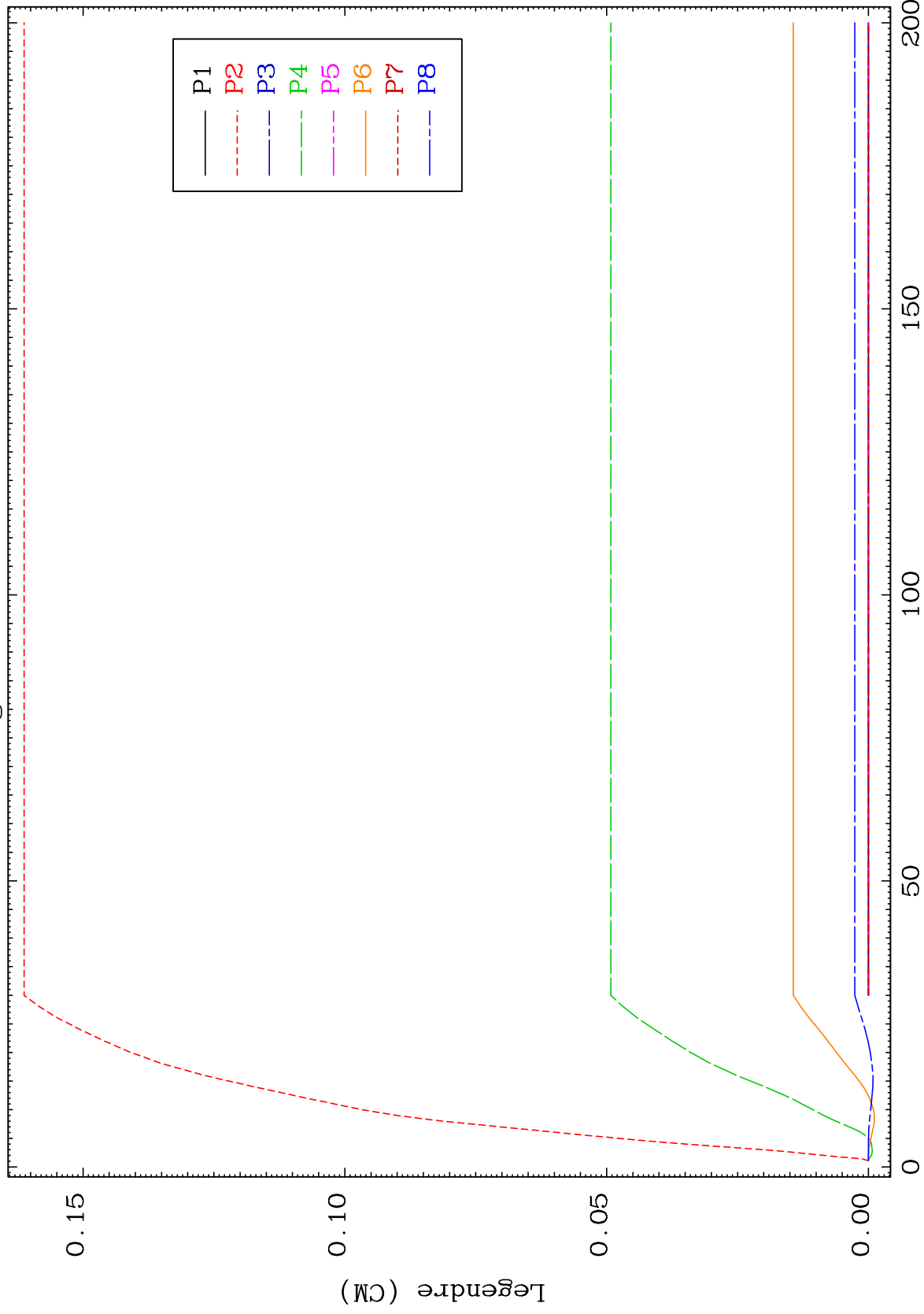
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



111

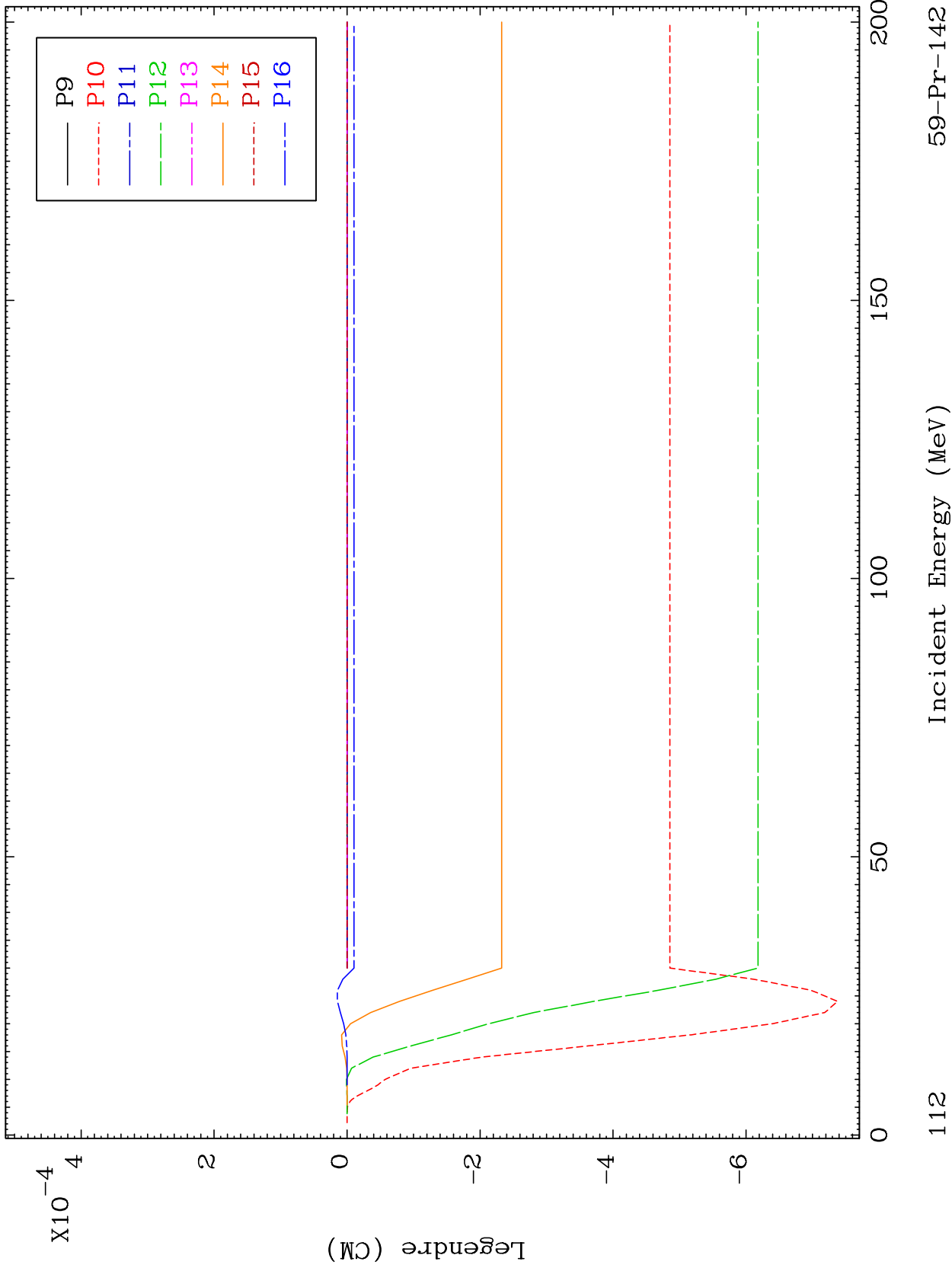
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

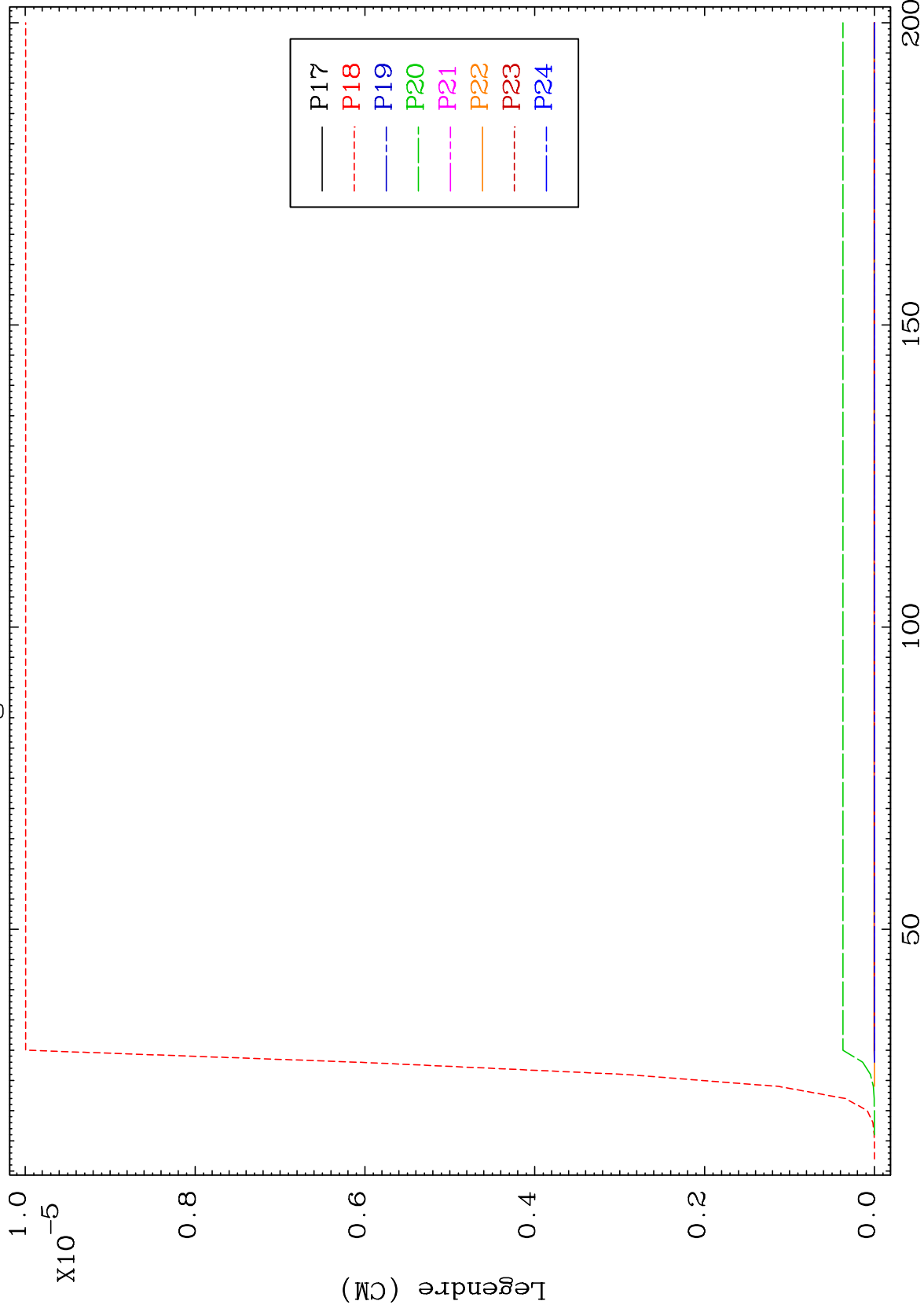
59-Pr-142



MAT 5928

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

59-Pr-142



113

Incident Energy (MeV)

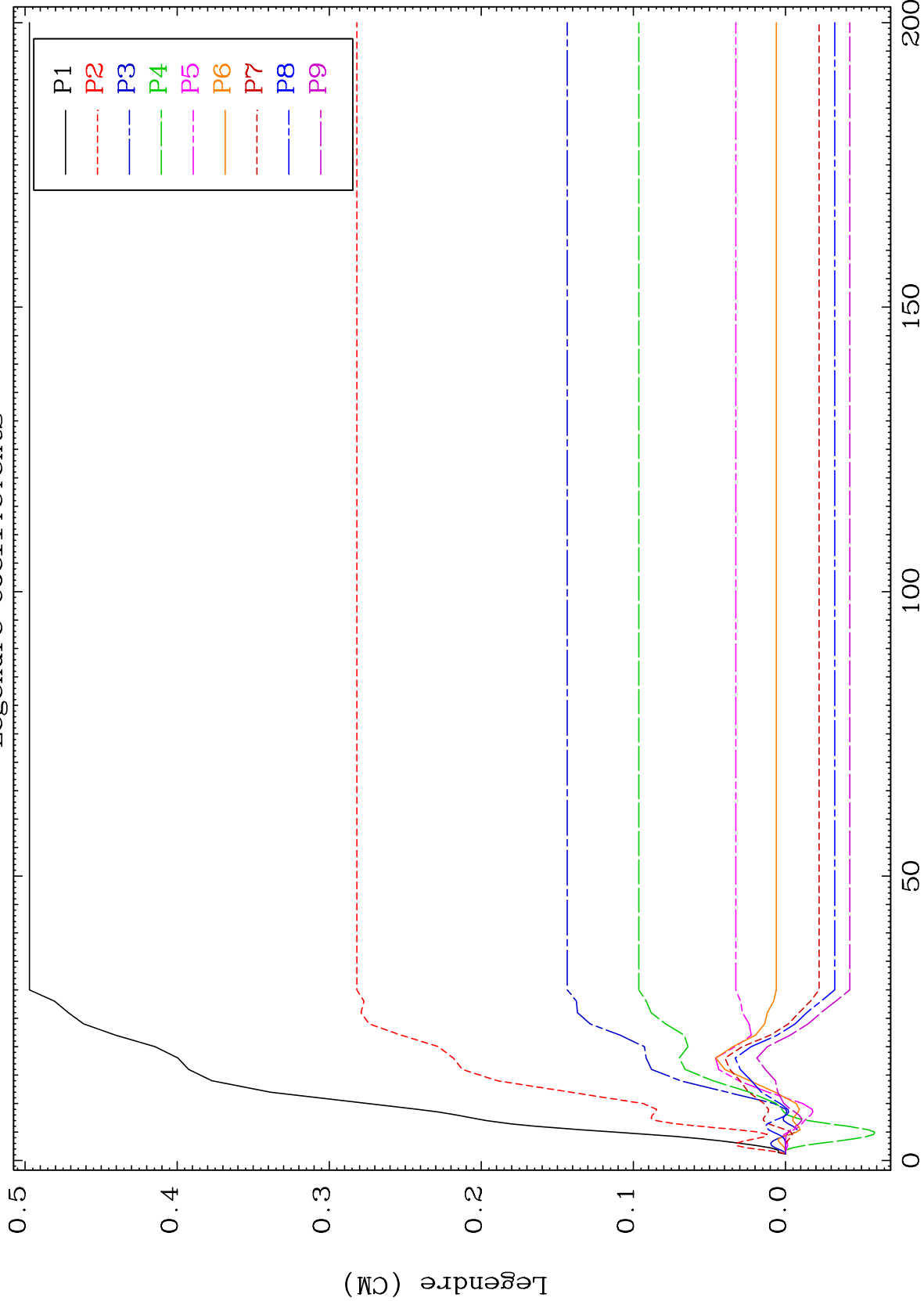
59-Pr-142

MAT 5928

MT= 78 (n,n') Level

59-Pr-142

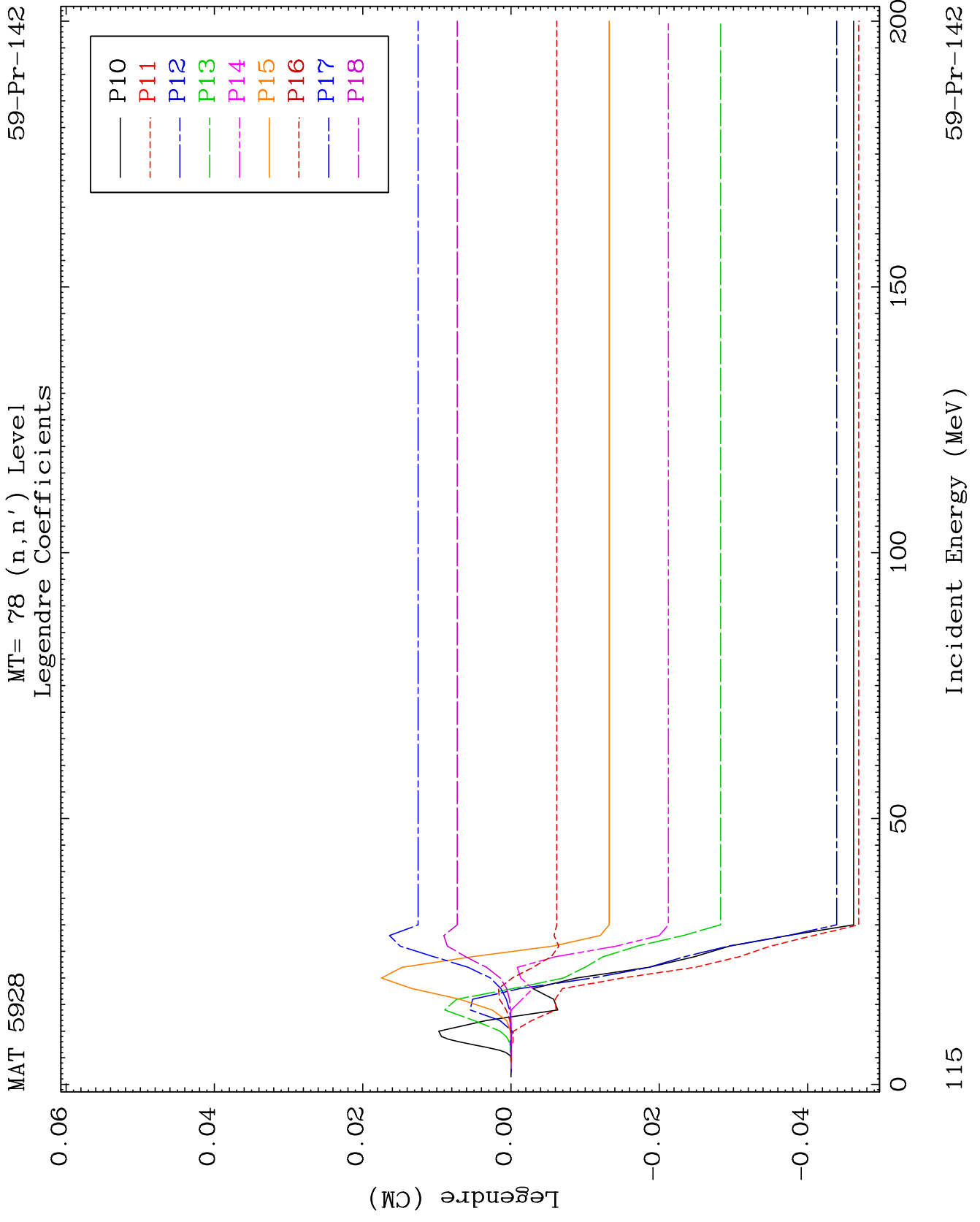
Legendre Coefficients

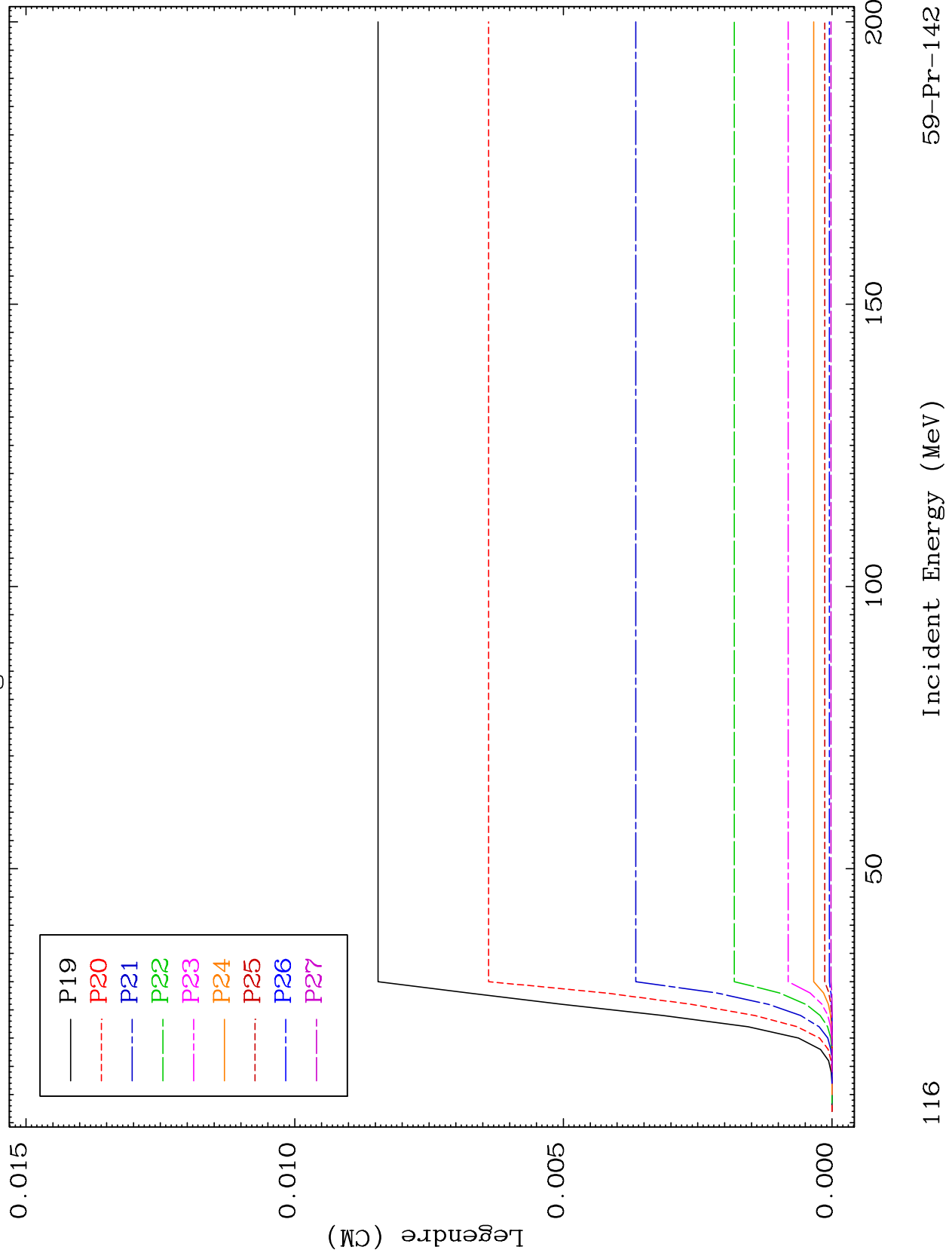


114

Incident Energy (MeV)

59-Pr-142

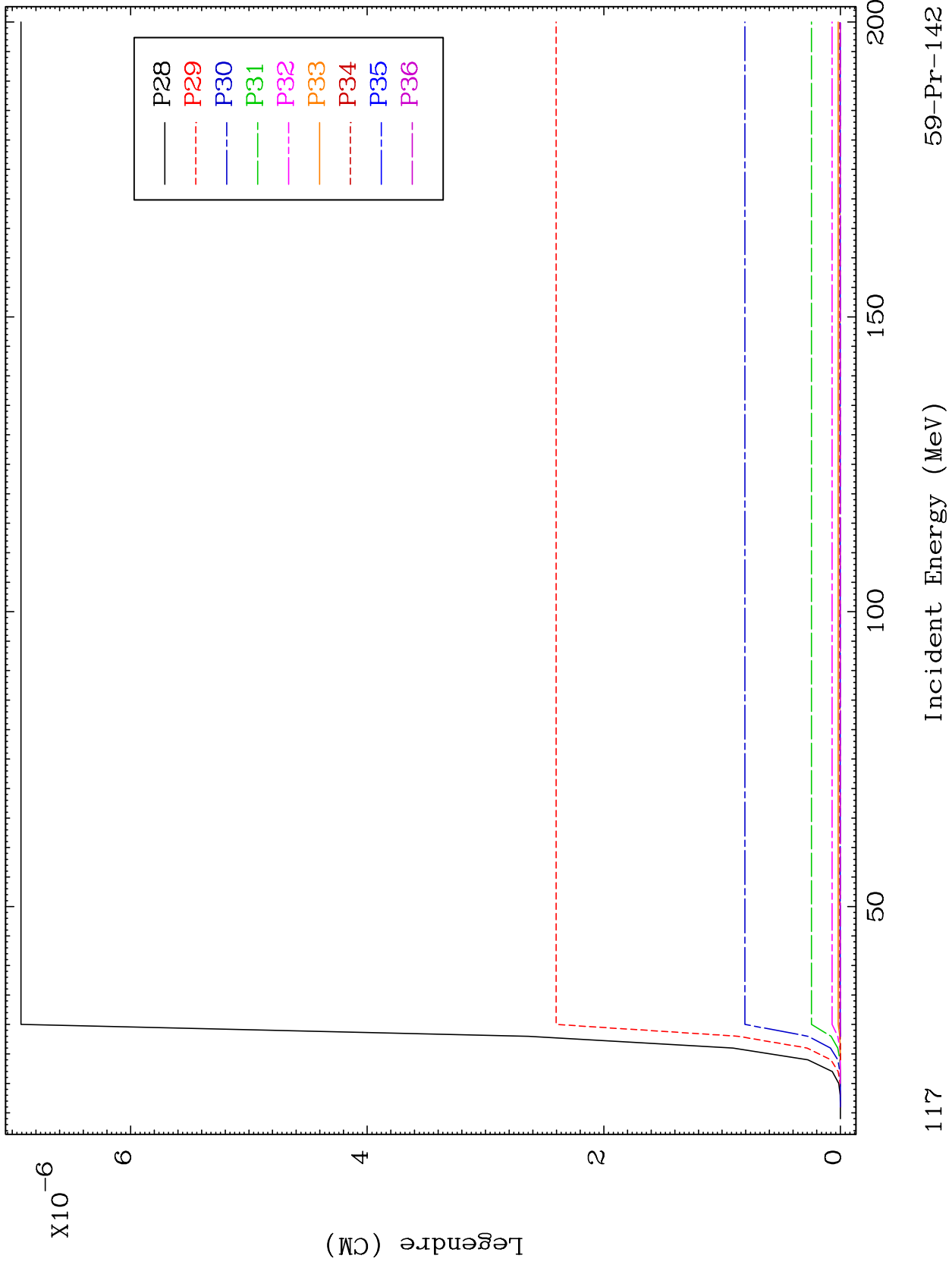




MAT 5928

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

59-Pr-142



117

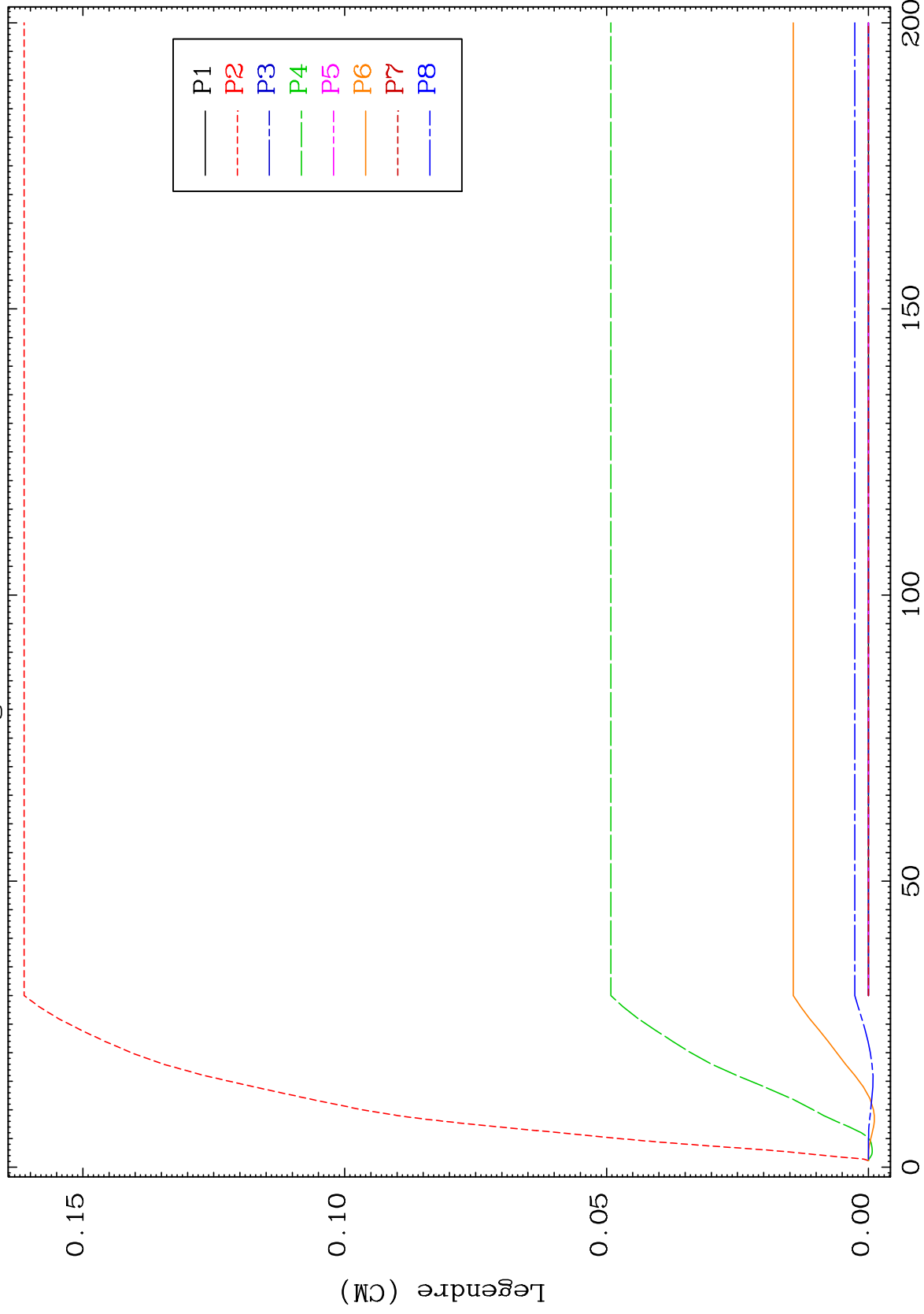
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



118

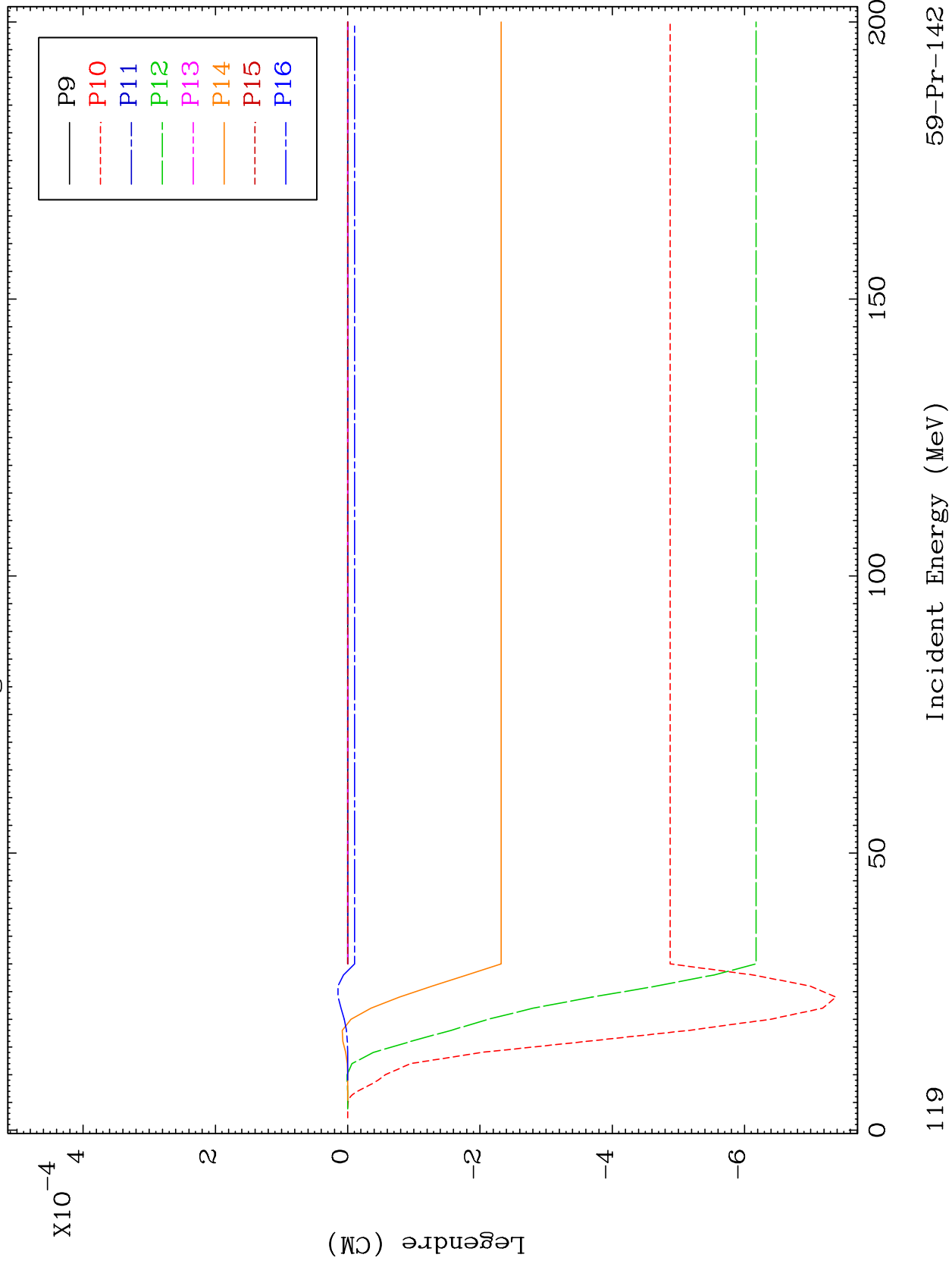
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

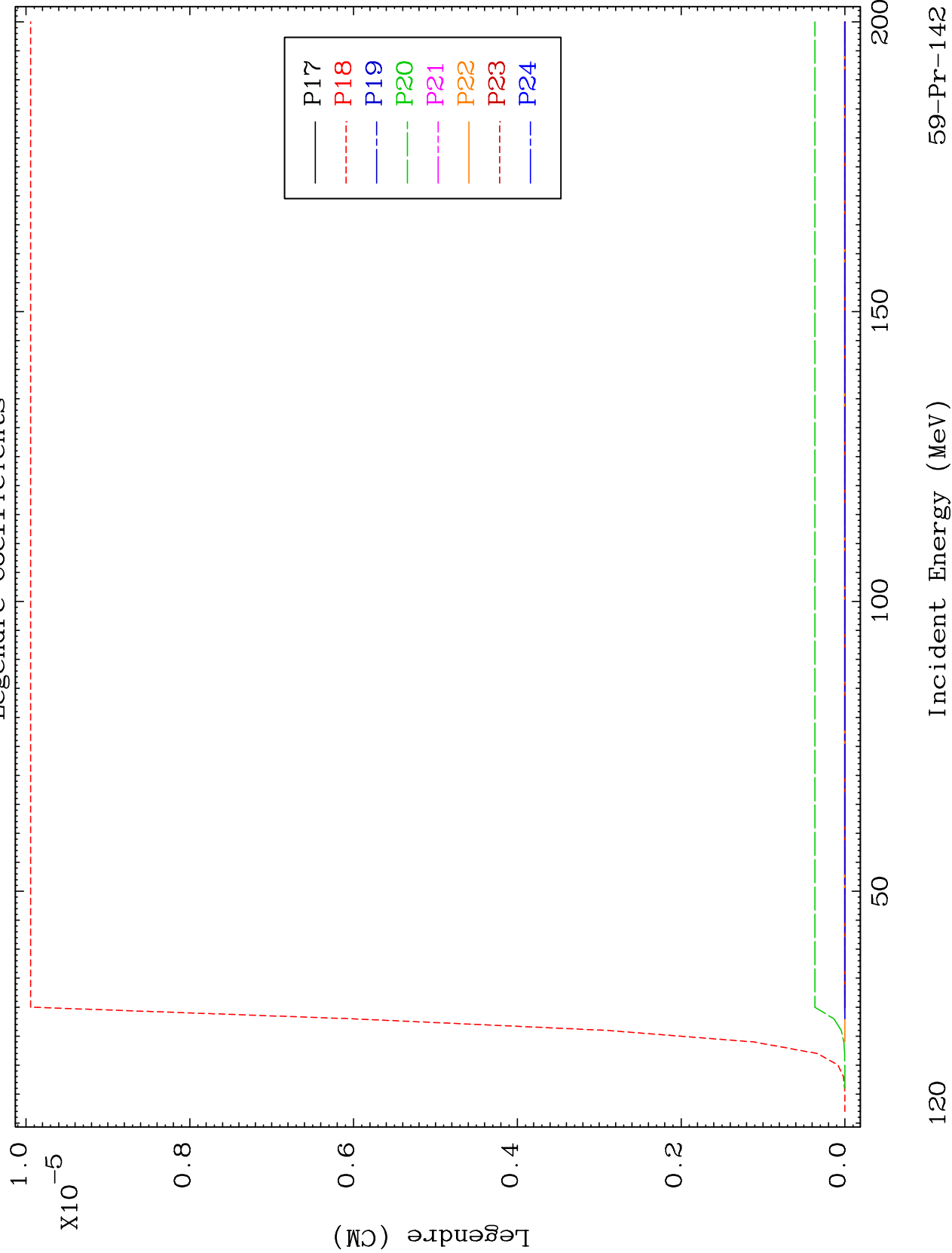
59-Pr-142



MAT 5928

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

59-Pr-142



59-Pr-142

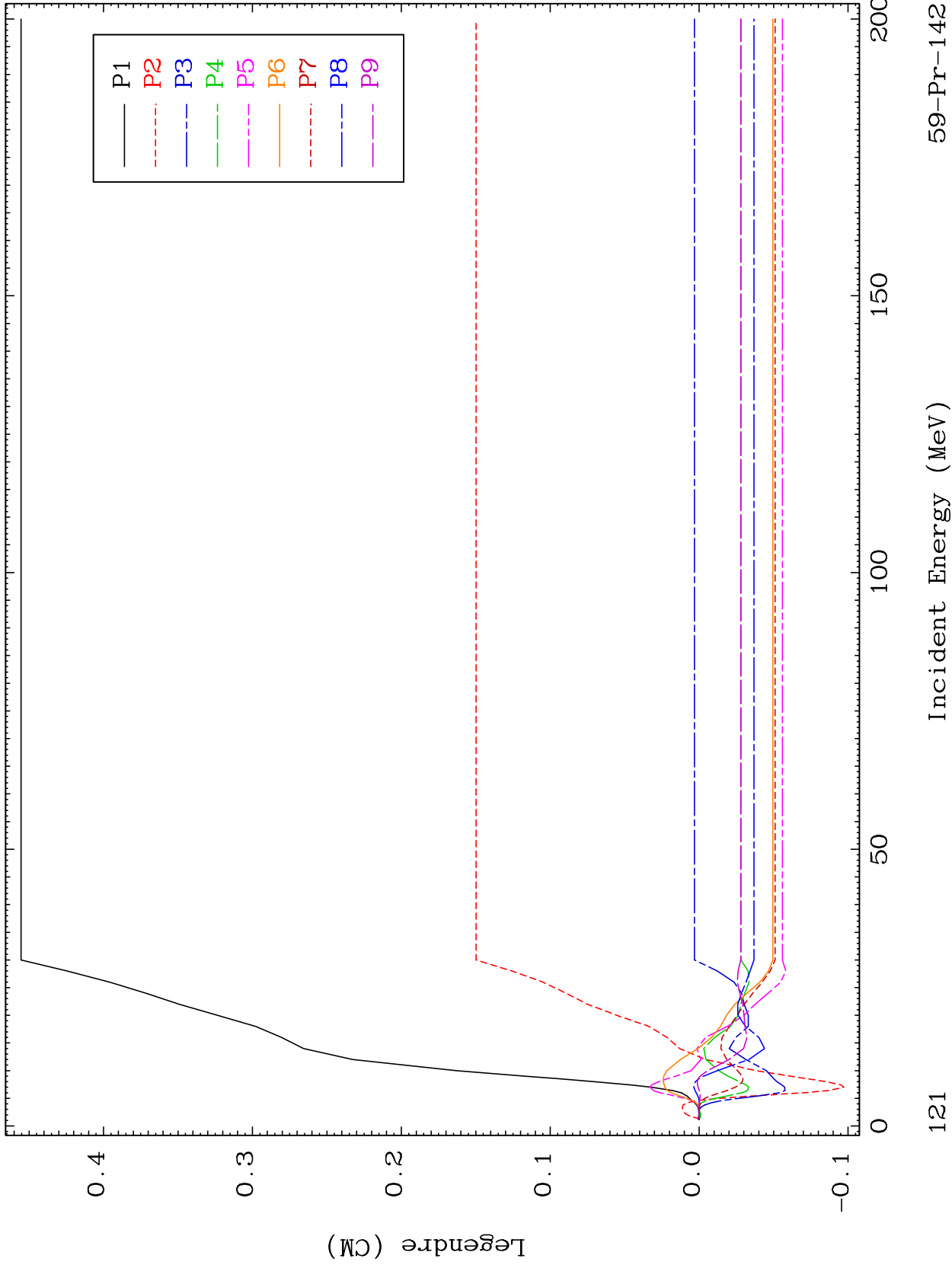
Incident Energy (MeV)

120

MAT 5928

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

59-Pr-142



59-Pr-142

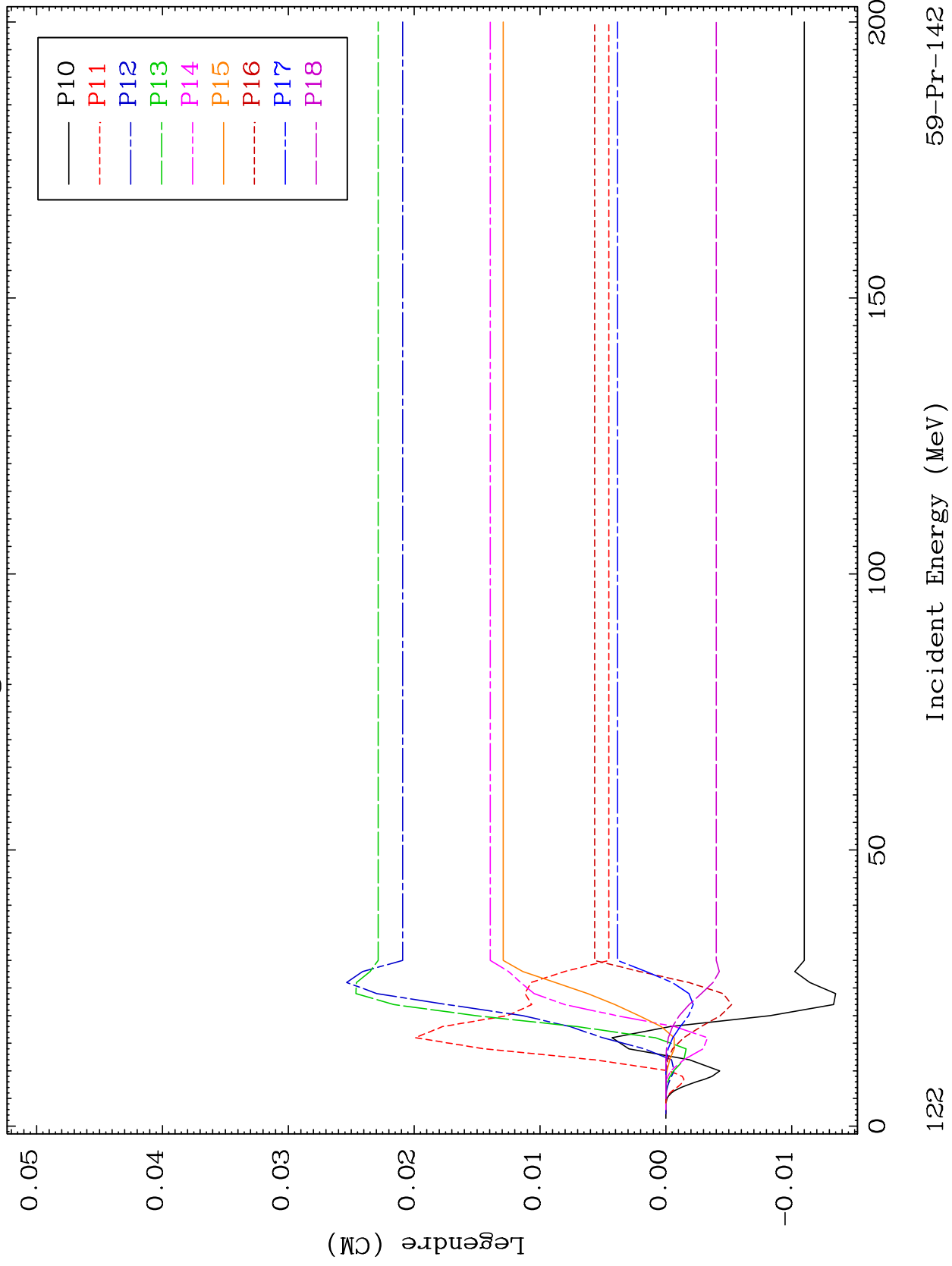
Incident Energy (MeV)

121

MAT 5928

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

59-Pr-142



59-Pr-142

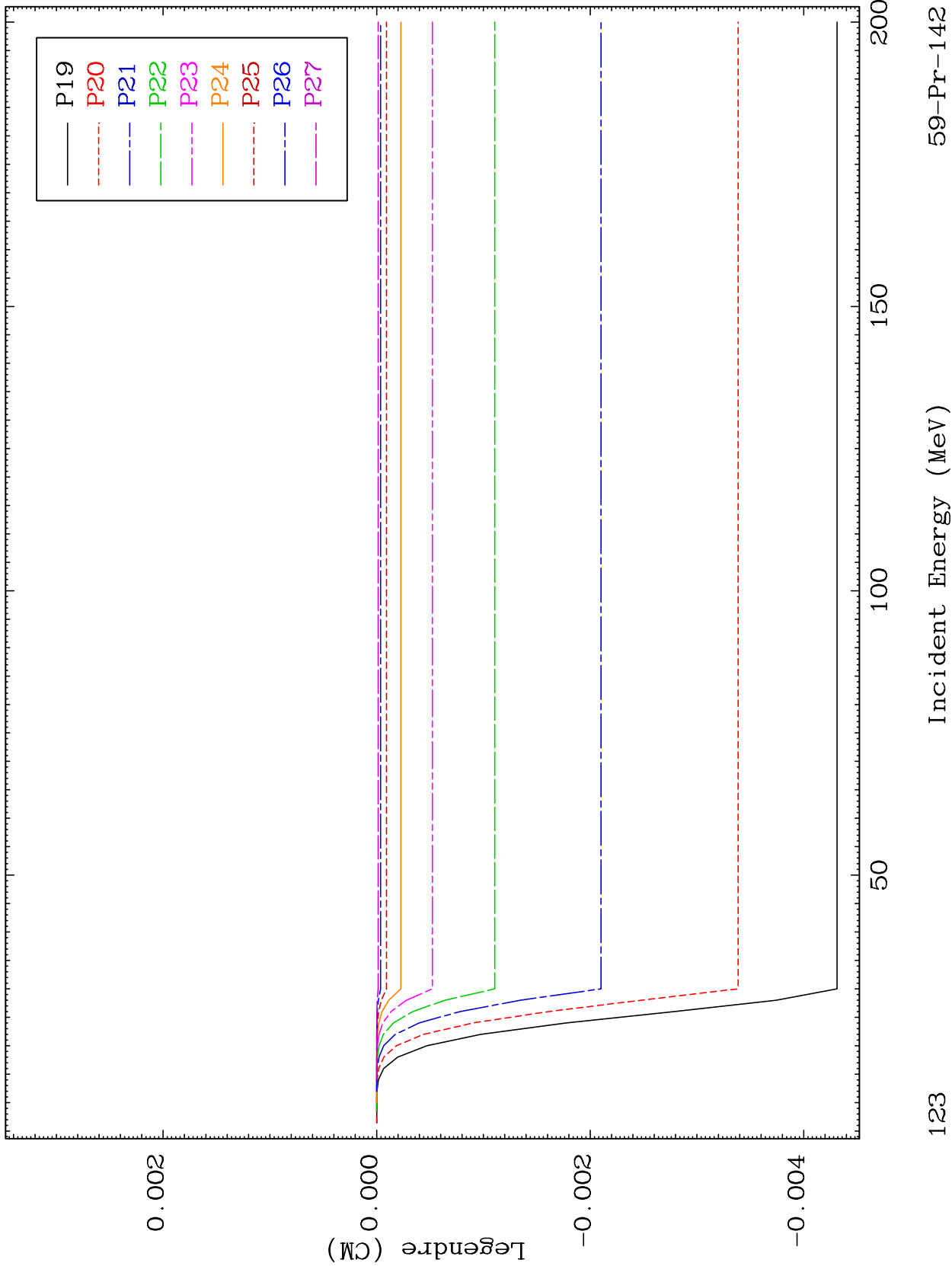
Incident Energy (MeV)

122

MAT 5928

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

59-Pr-142



123

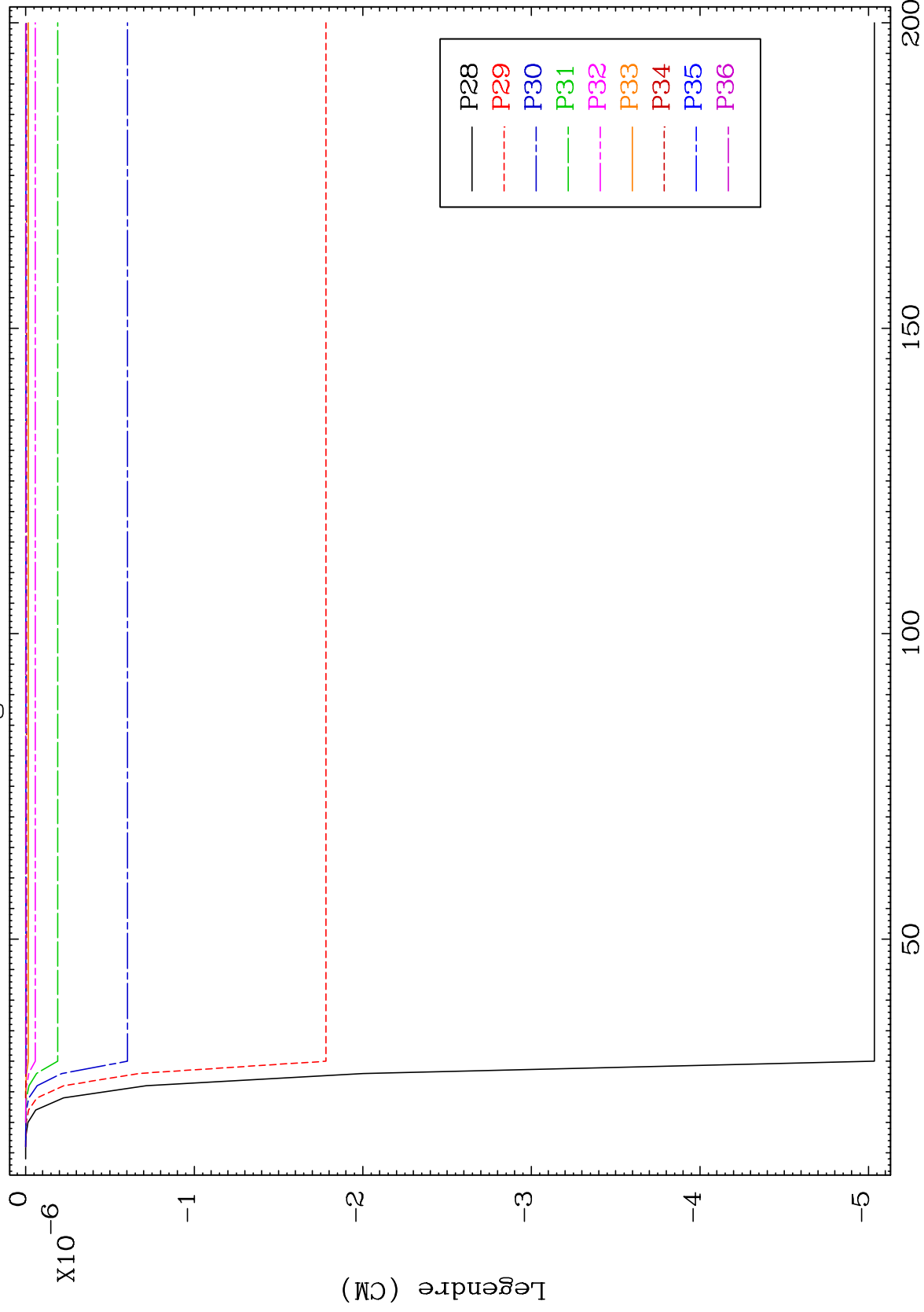
Incident Energy (MeV)

59-Pr-142

MAT 5928

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

59-Pr-142



124

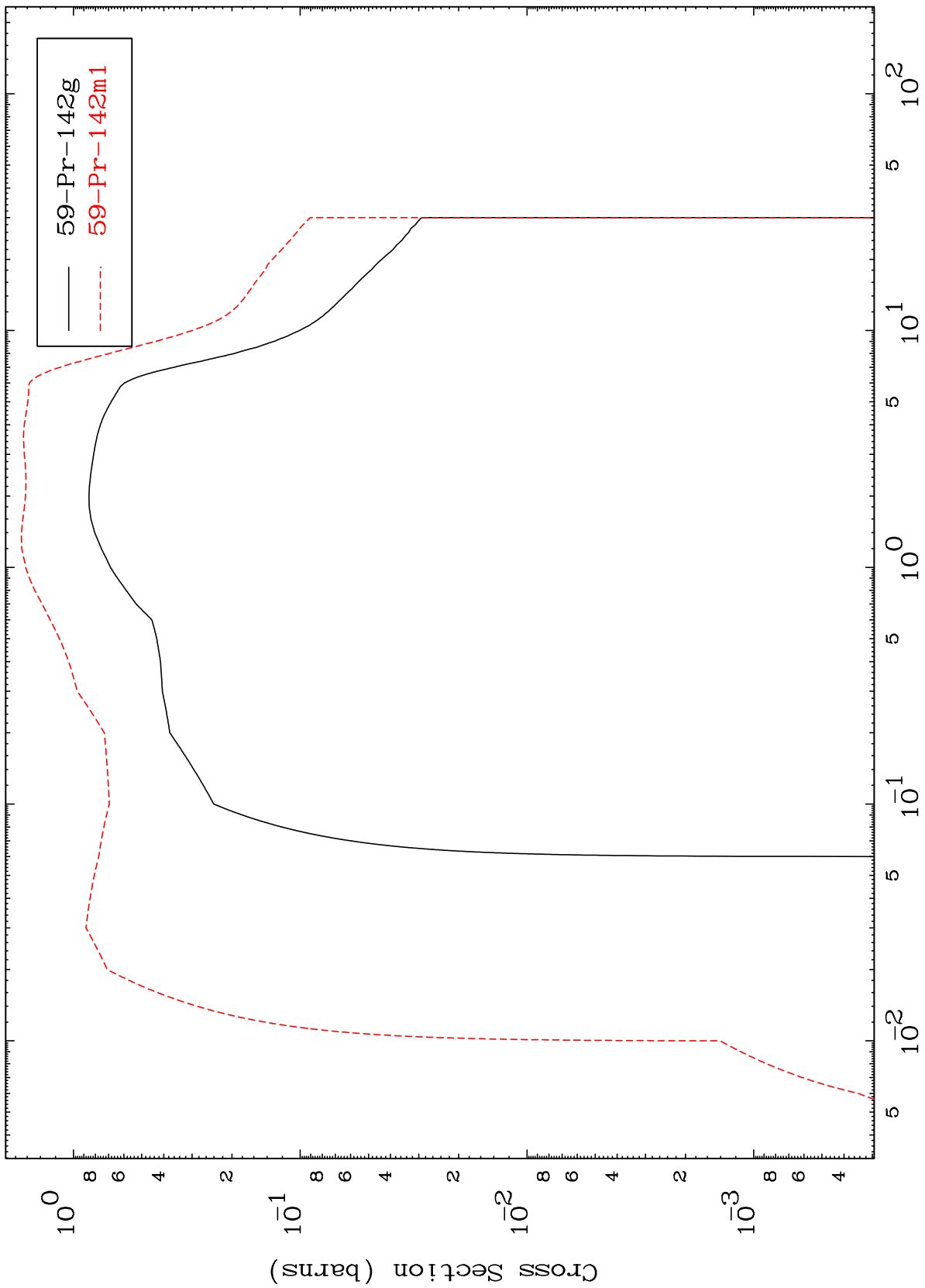
Incident Energy (MeV)

59-Pr-142

MAT 5928

59-Pr-142

Inelastic Radionuclide Production Cross Section

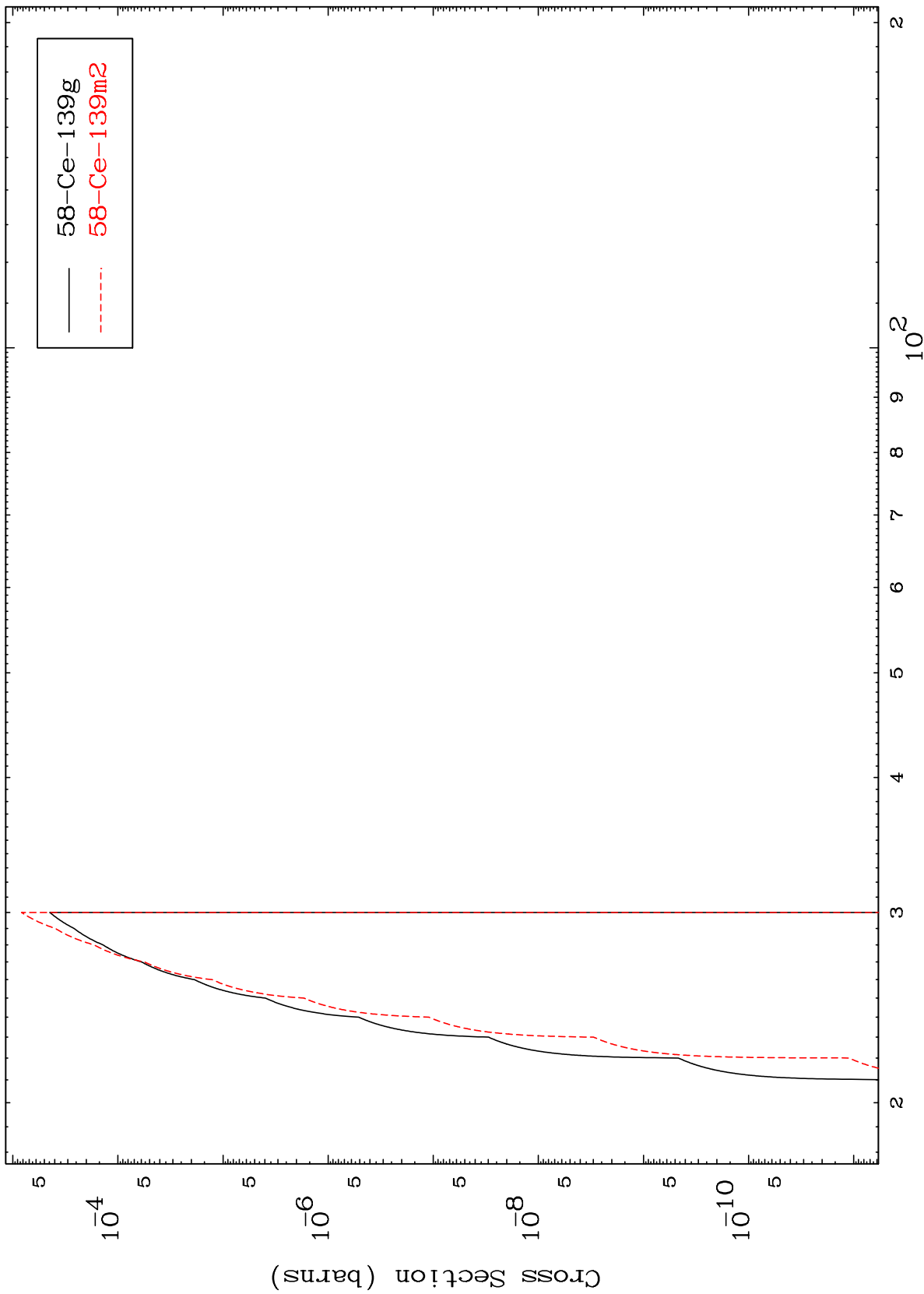


125

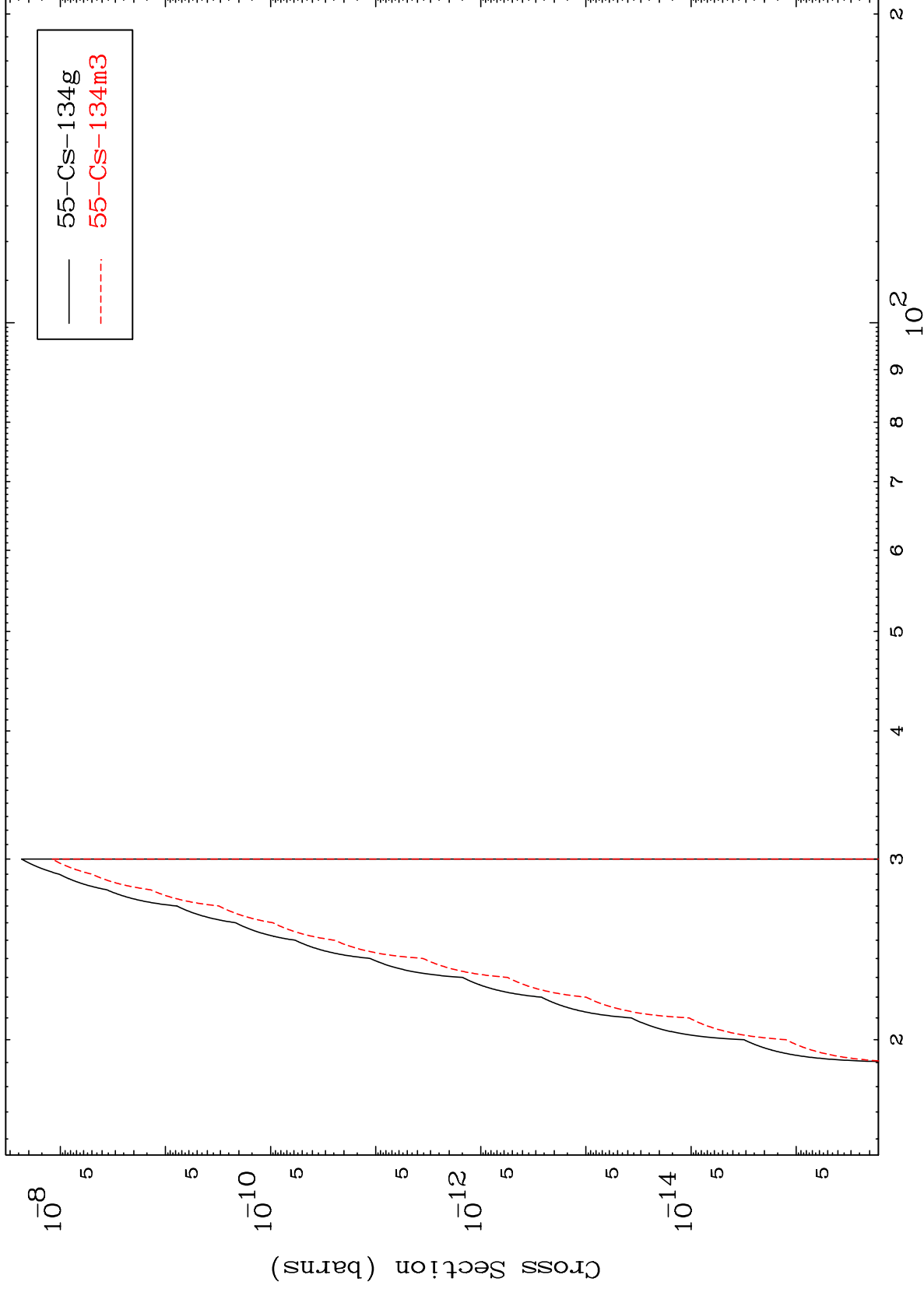
59-Pr-142

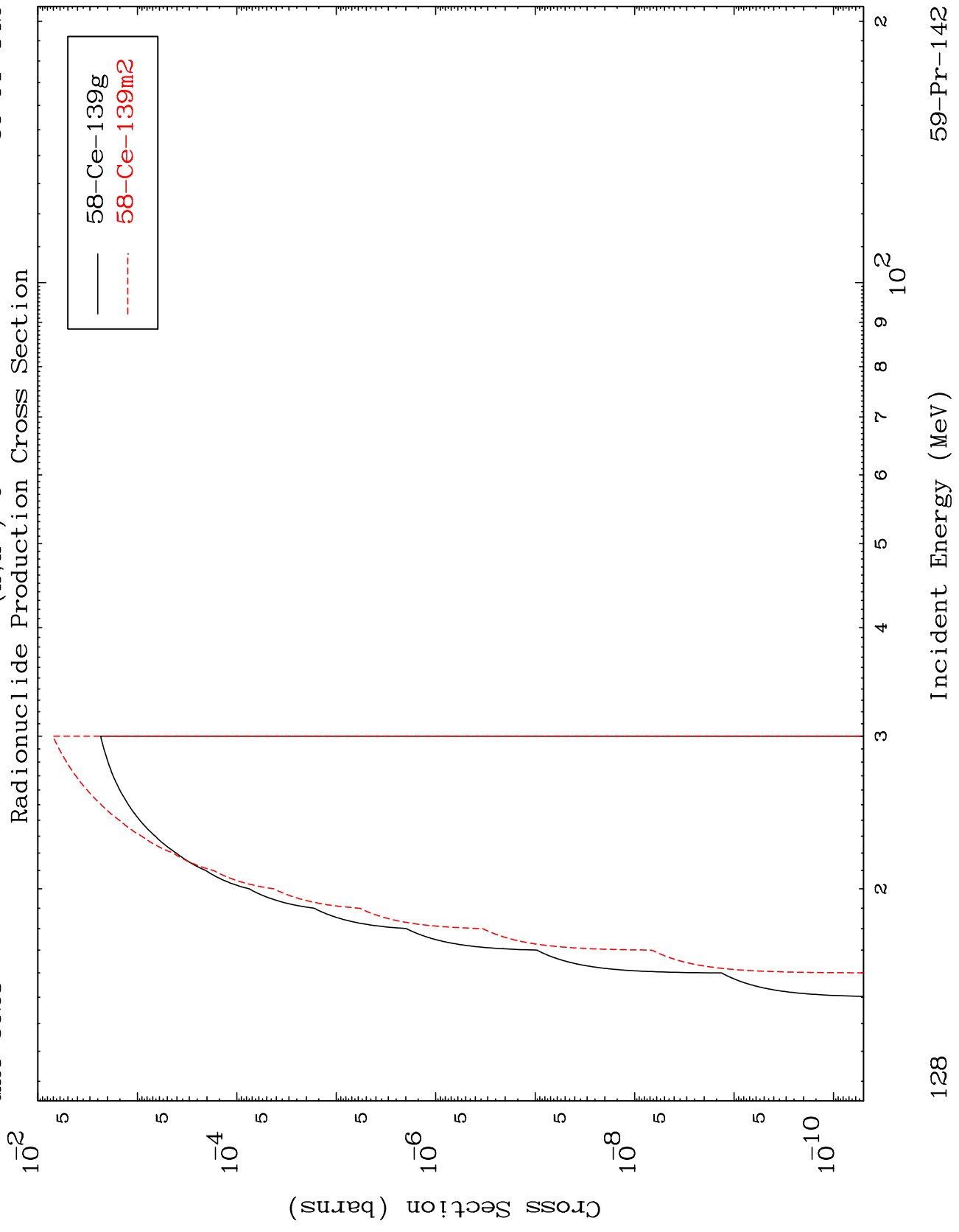
Incident Energy (MeV)

Radionuclide Production Cross Section

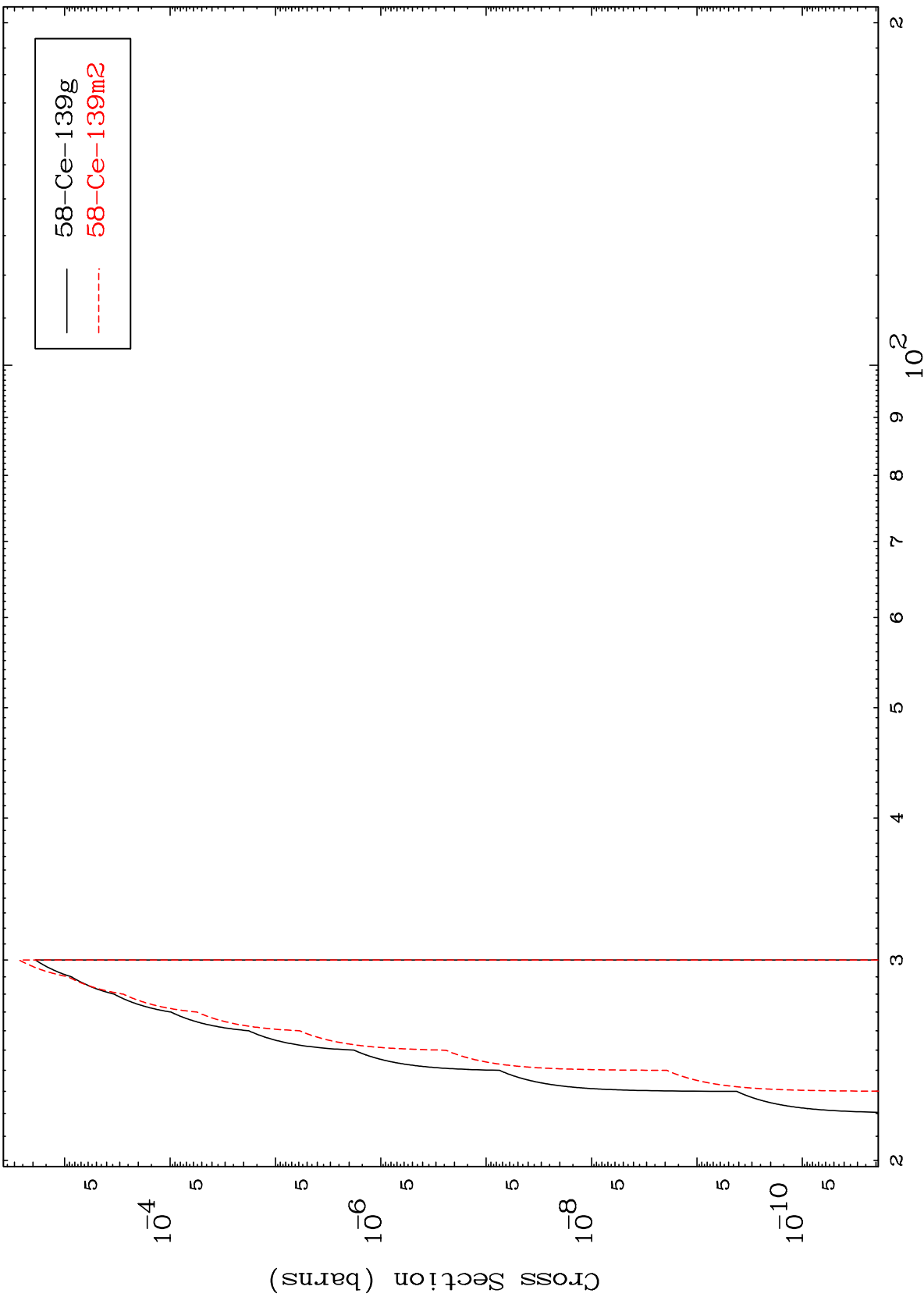


Radionuclide Production Cross Section





Radionuclide Production Cross Section

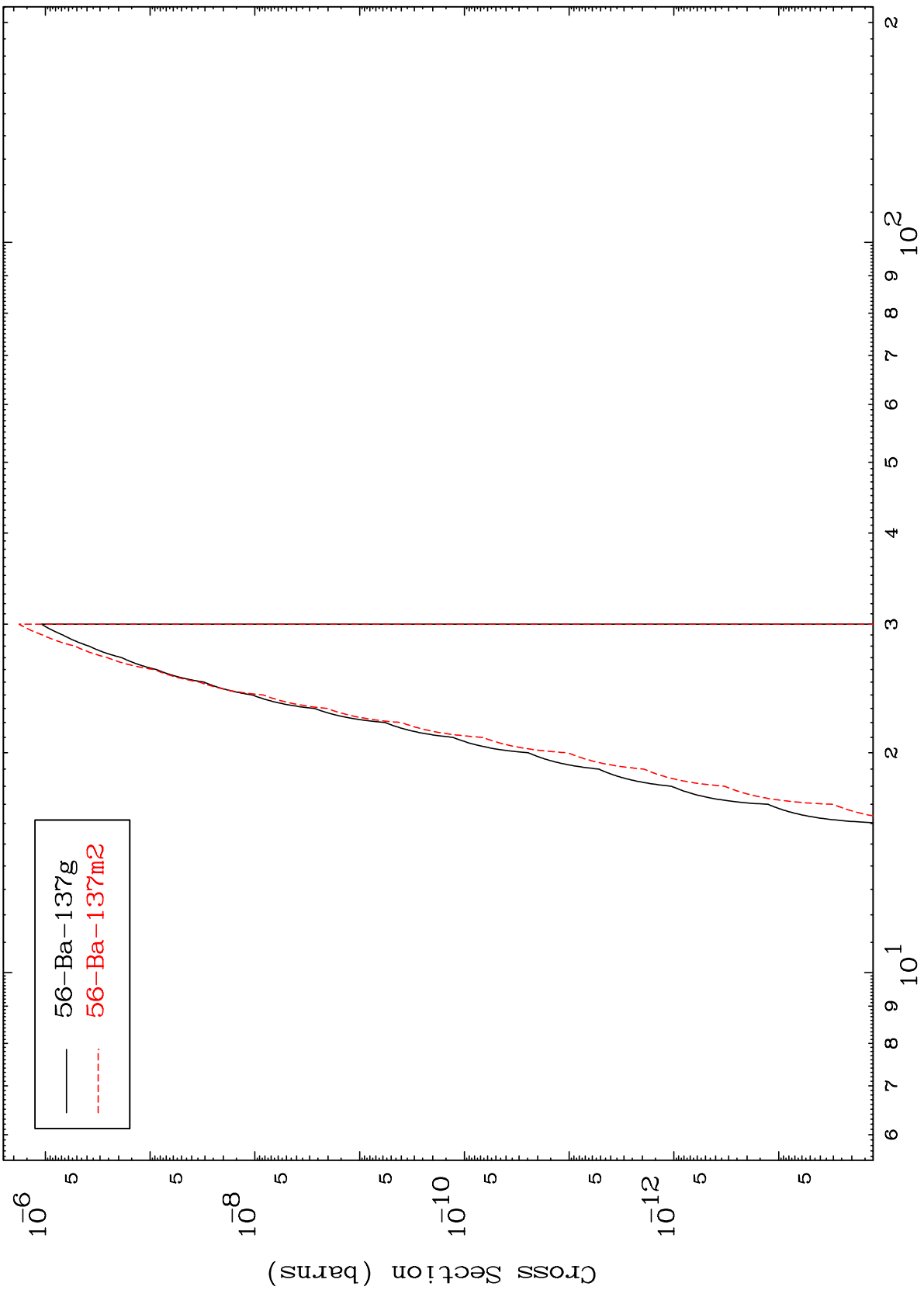


MAT 5928

(n,n') p α

59-Pr-142

Radionuclide Production Cross Section



56-Ba-137g
56-Ba-137m2

130

Incident Energy (MeV)

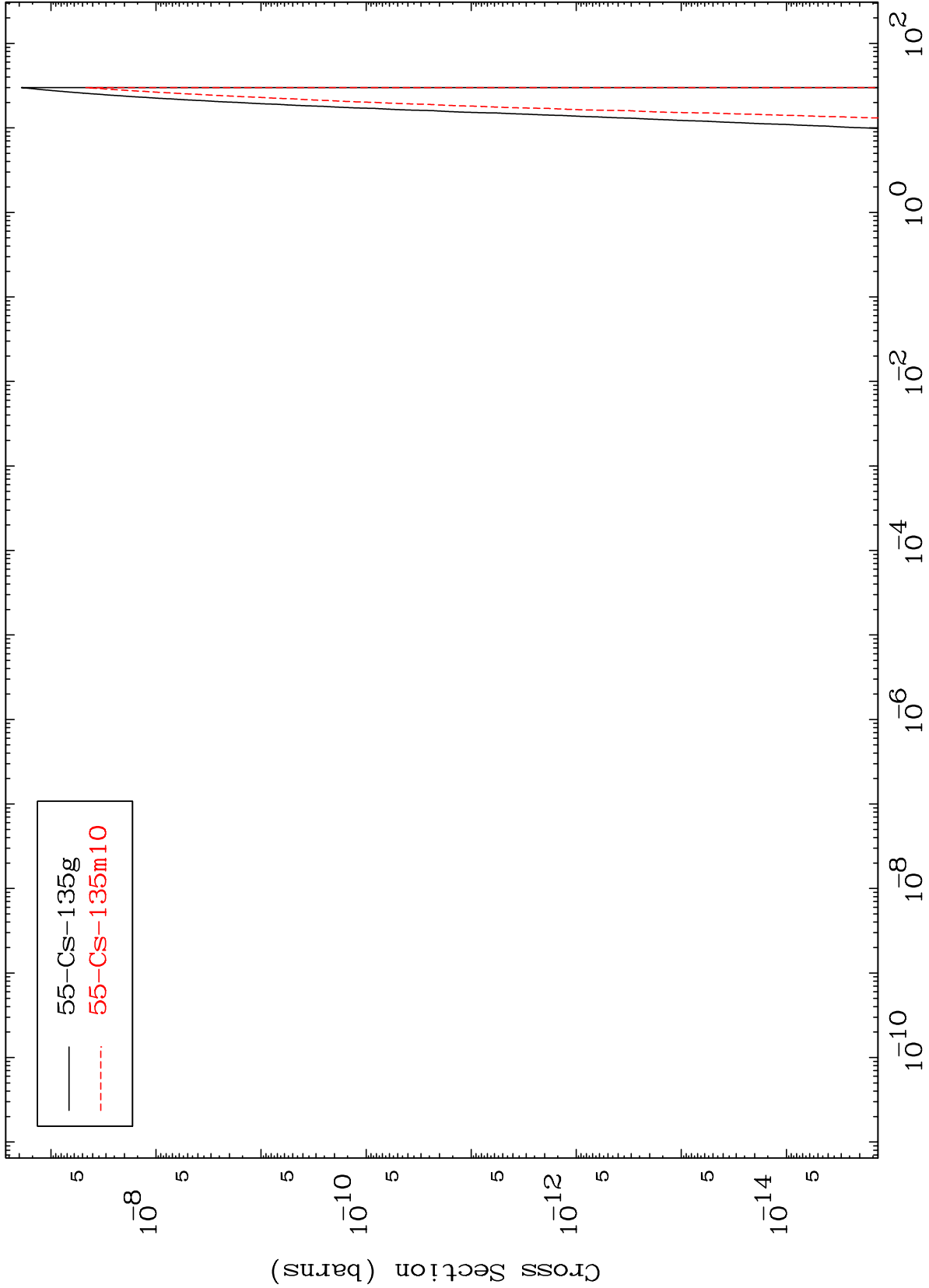
59-Pr-142

MAT 5928

(n,2α)

59-Pr-142

Radionuclide Production Cross Section



Radionuclide Production Cross Section

