

Program EVALPLOT
(Version 2018-1)

by

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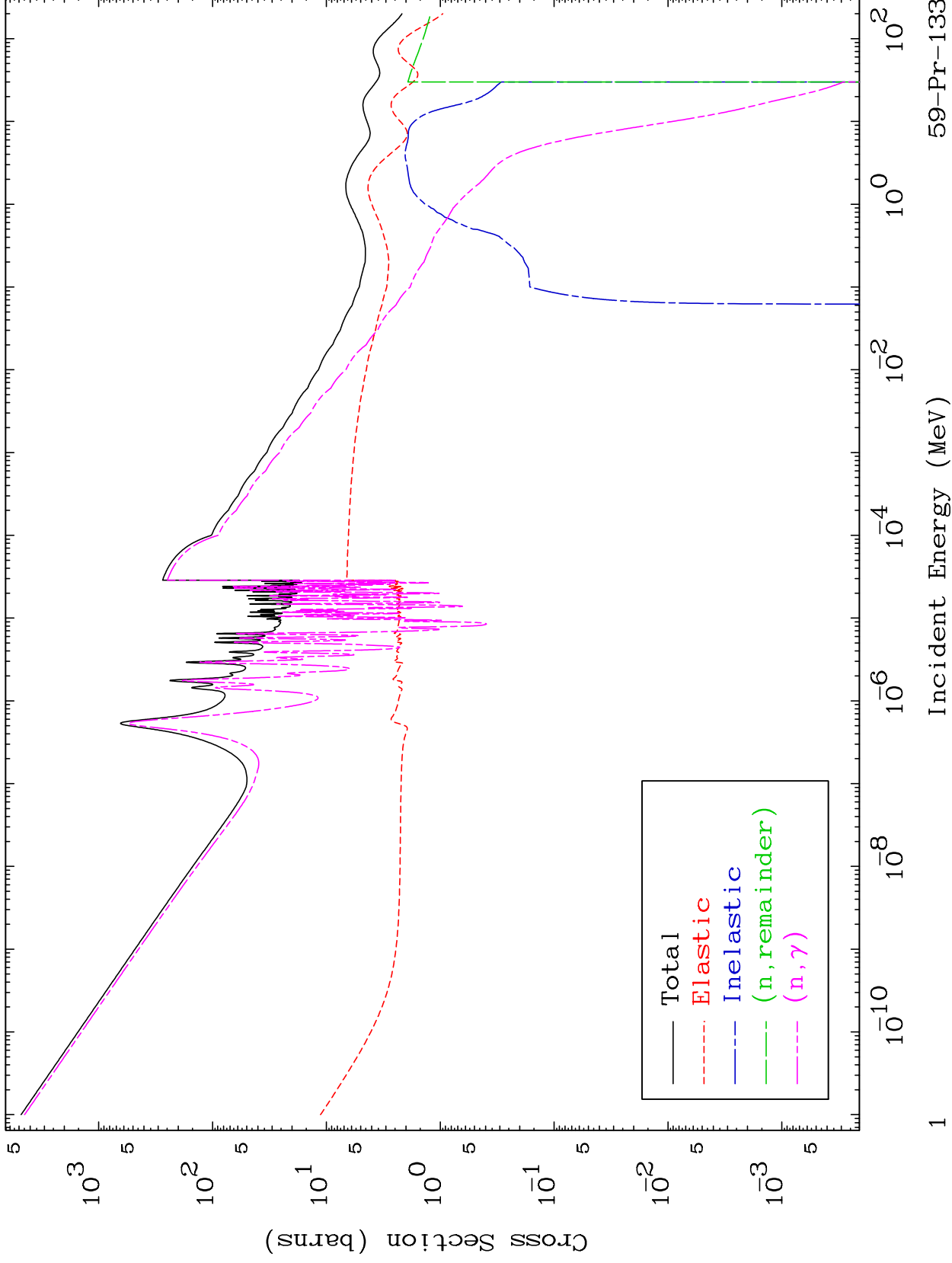
Press Mouse Button to Start

MAT 5901

Major

293 Kelvin Cross Sections

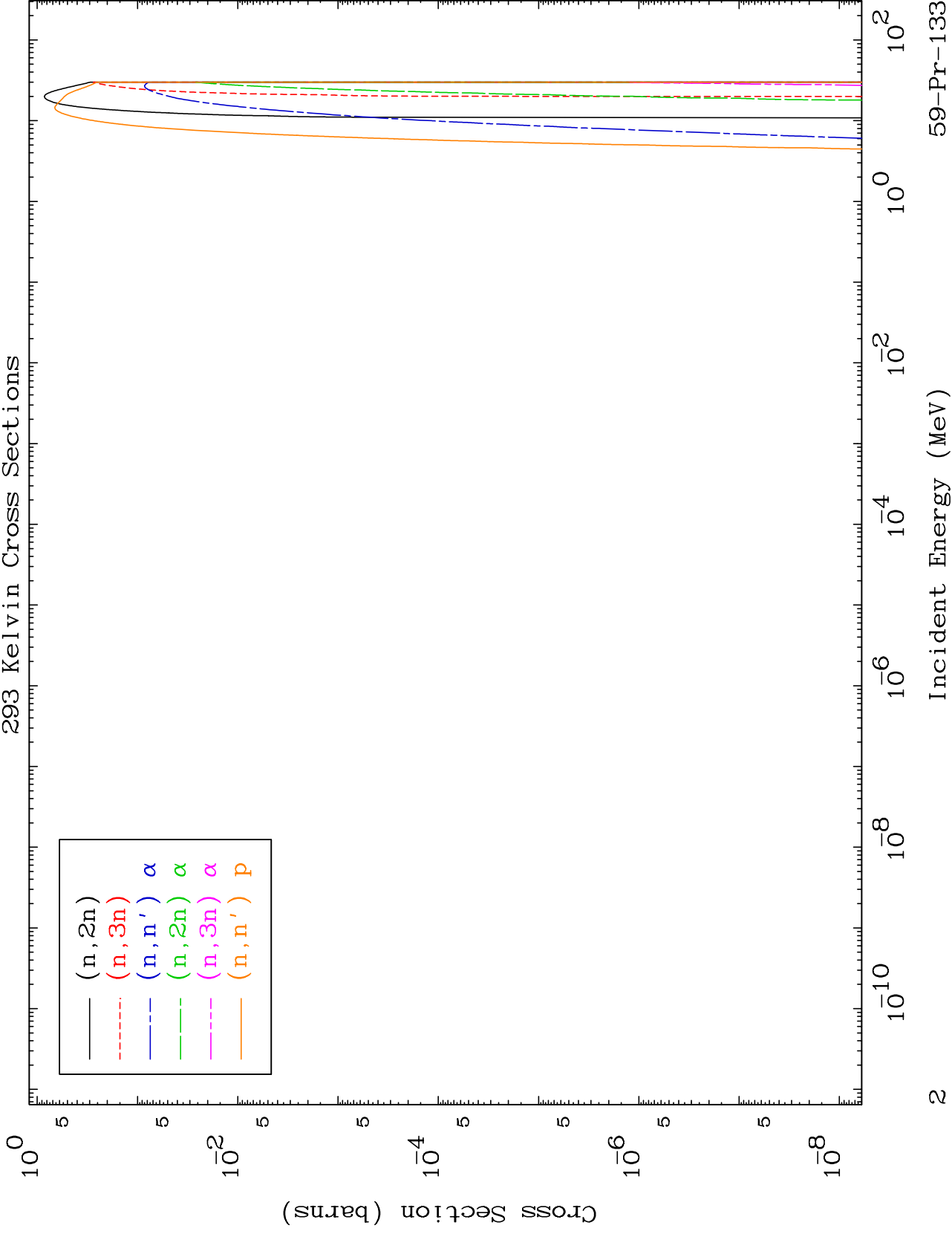
59-Pr-133



MAT 5901

Neutron Production
293 Kelvin Cross Sections

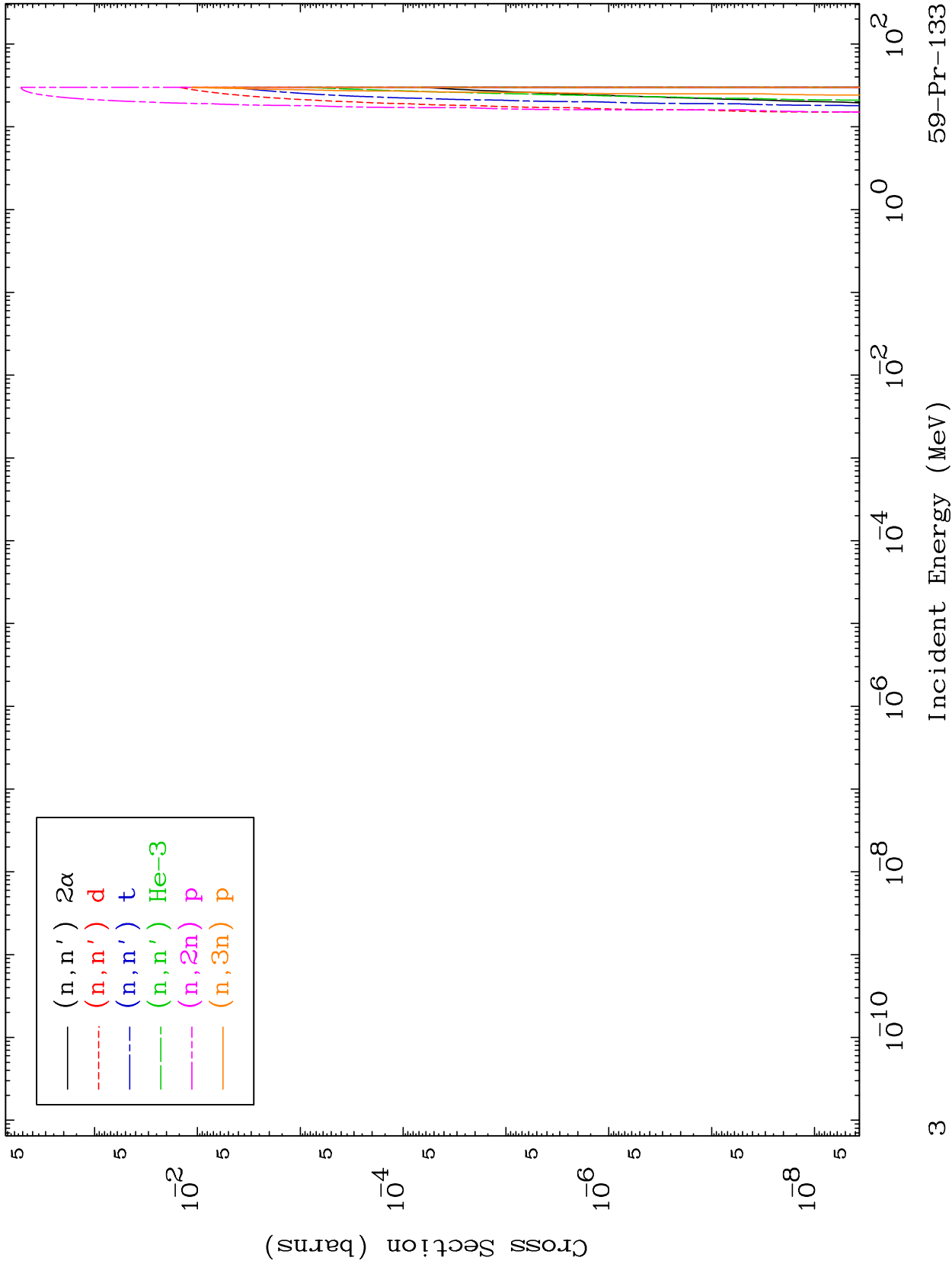
59-Pr-133



MAT 5901

Neutron Production
293 Kelvin Cross Sections

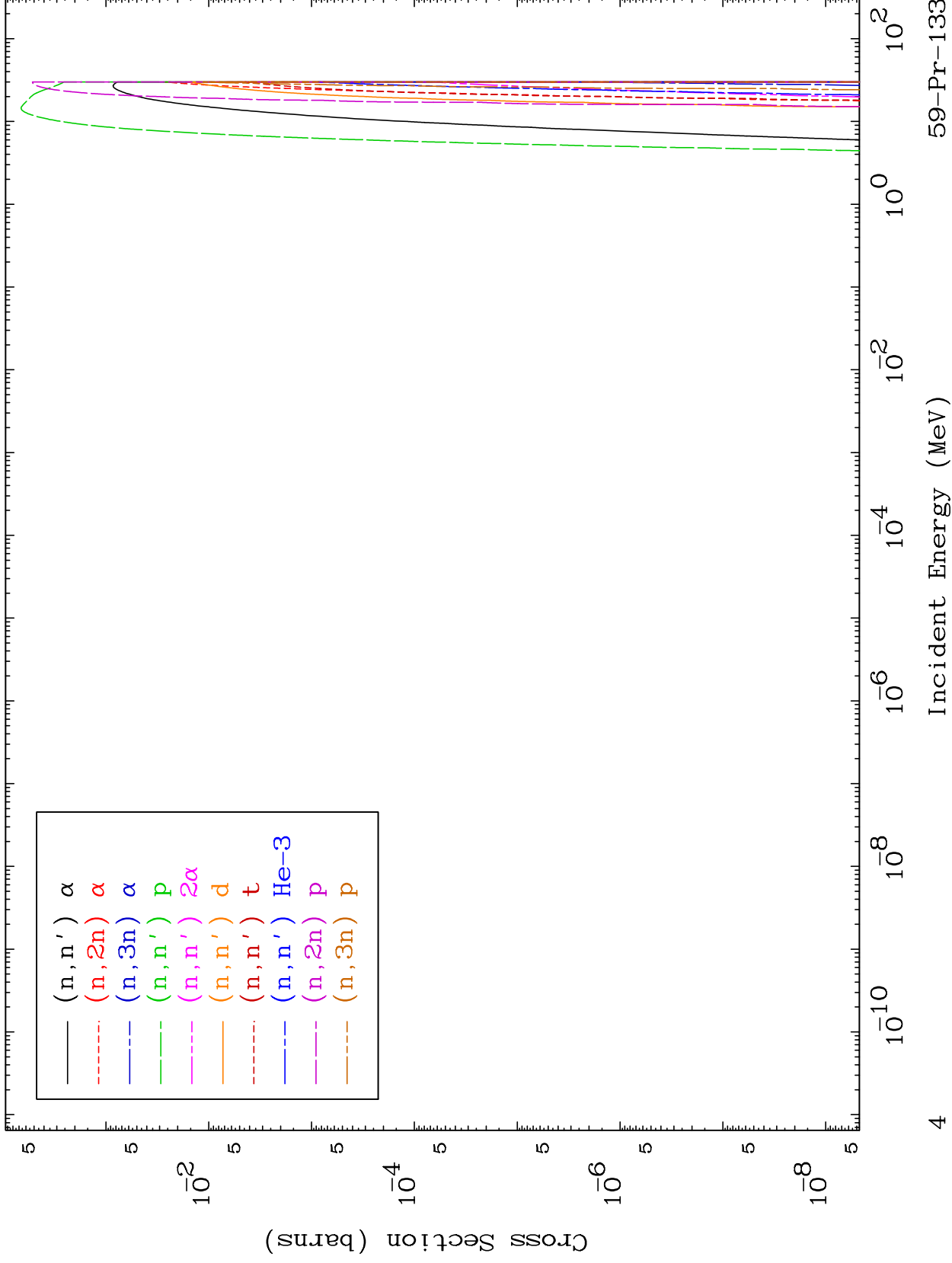
59-Pr-133



MAT 5901

Charged Particle
293 Kelvin Cross Sections

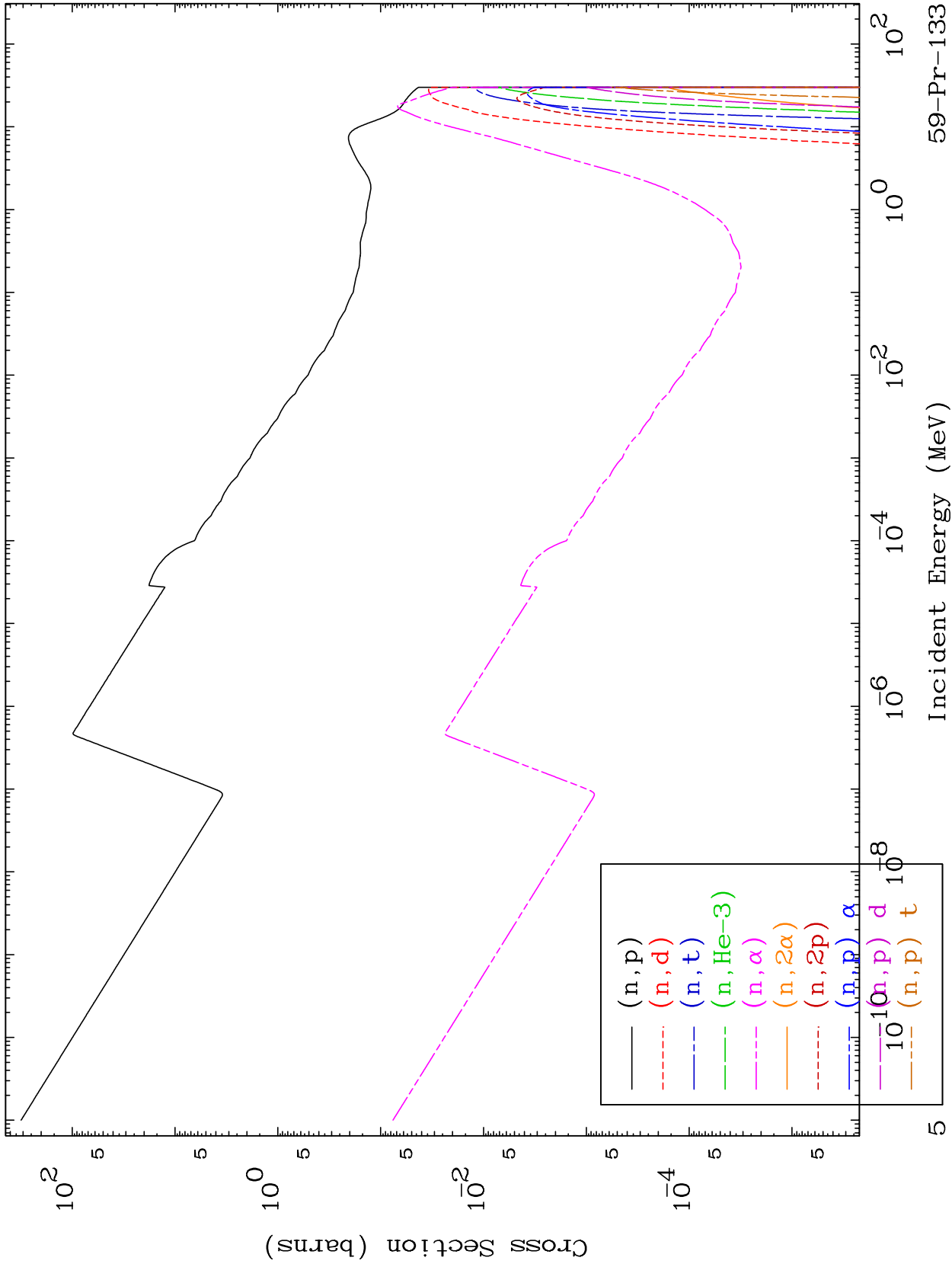
59-Pr-133

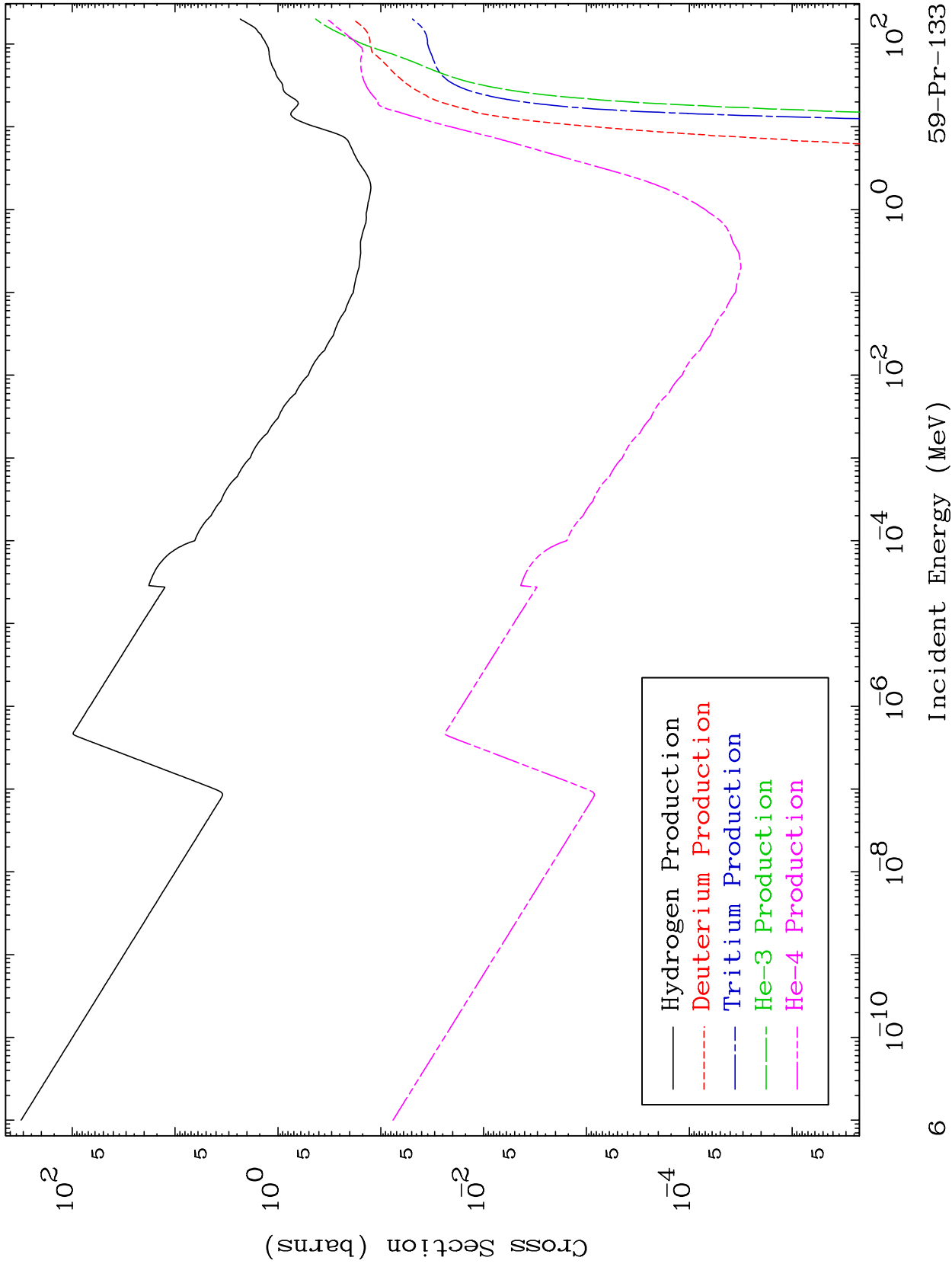


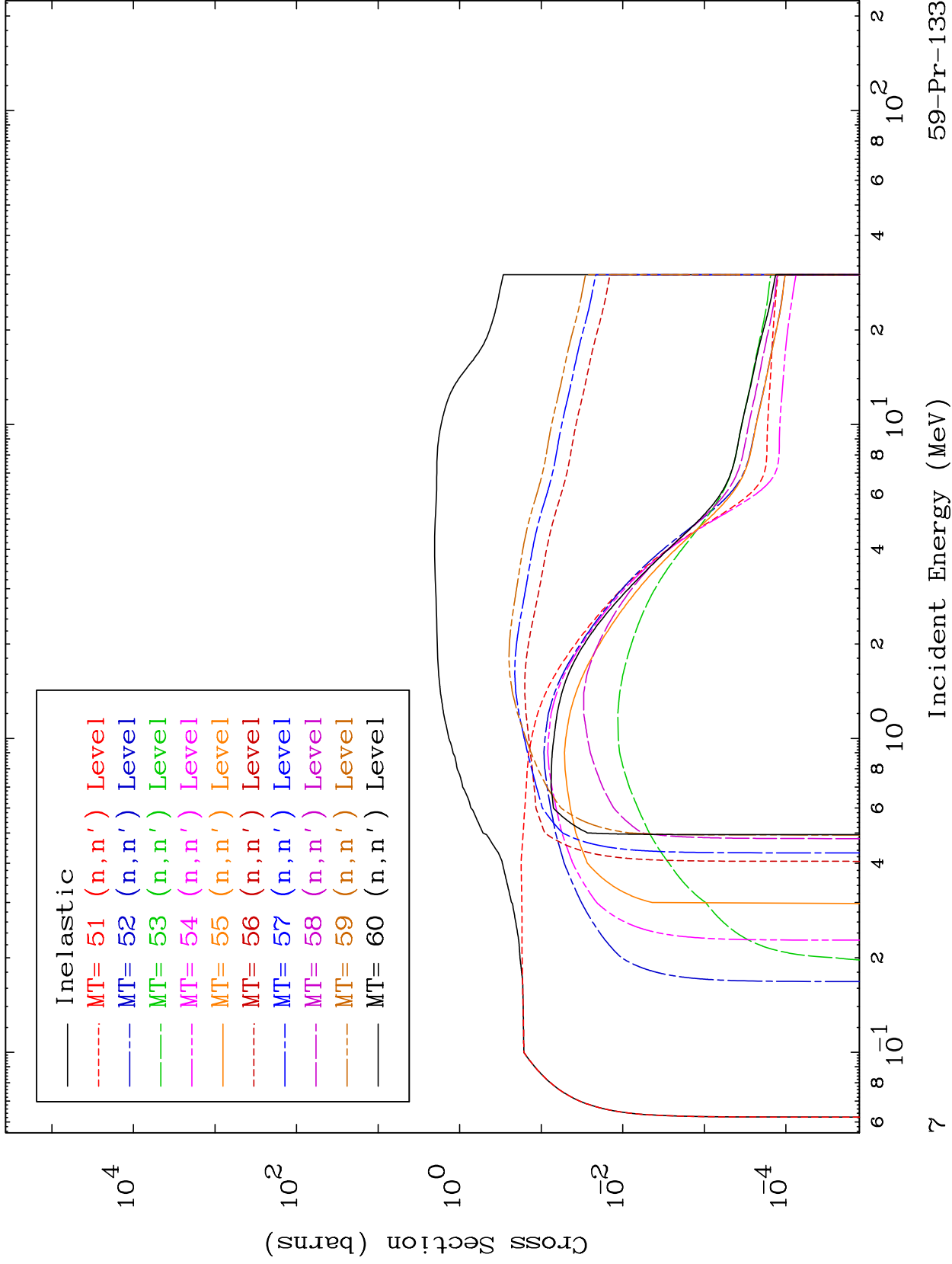
MAT 5901

Charged Particle
293 Kelvin Cross Sections

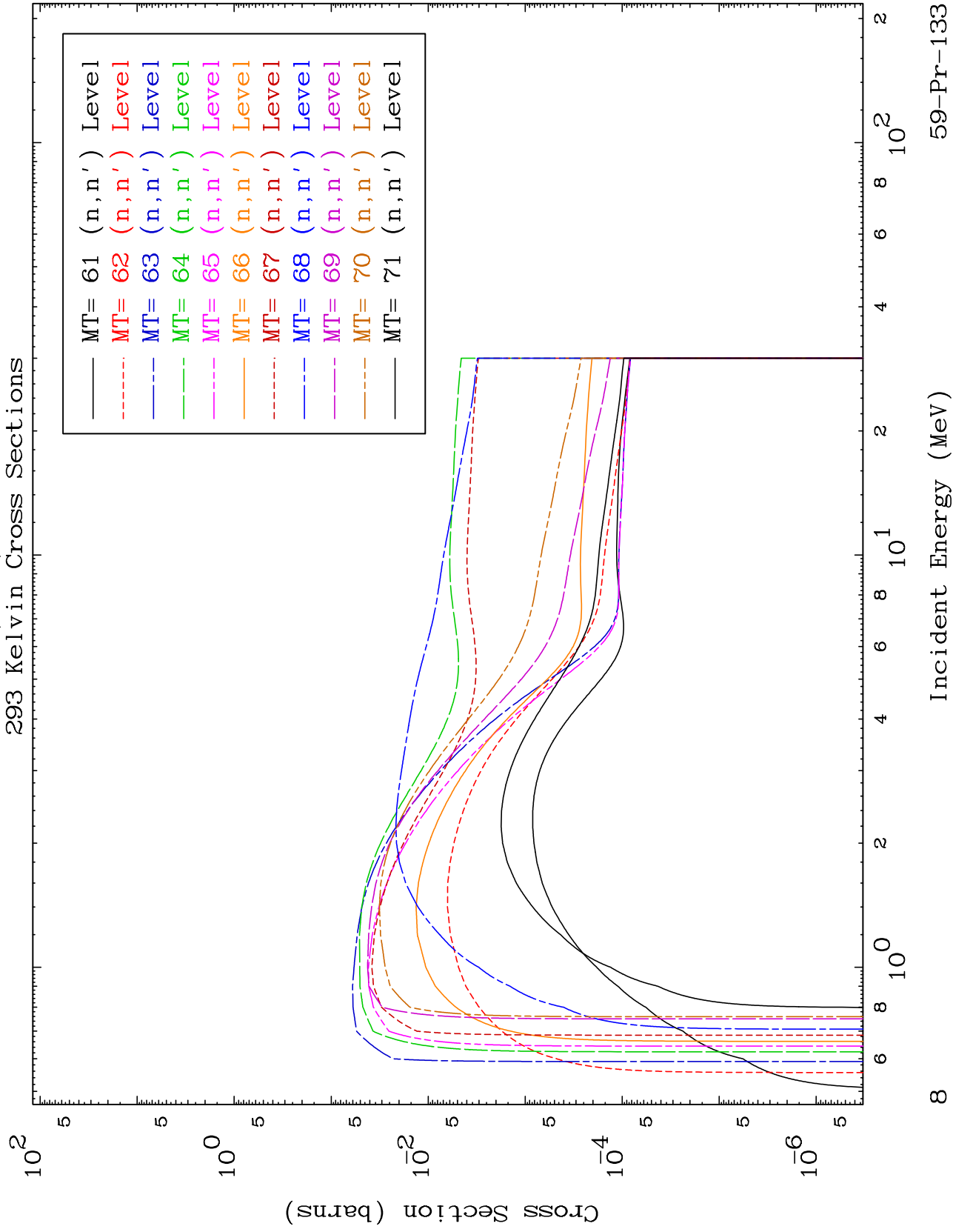
59-Pr-133



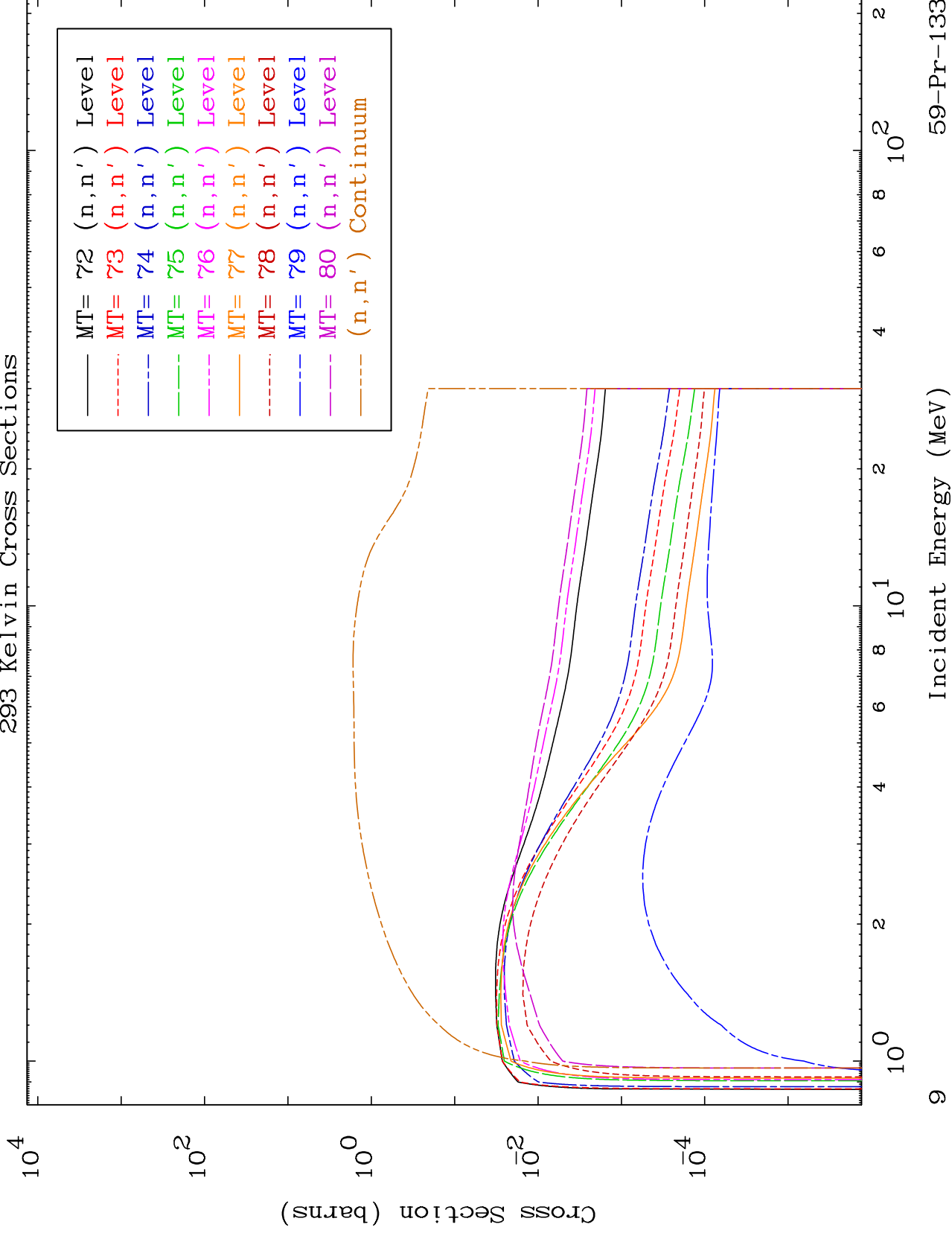




293 Kelvin Cross Sections



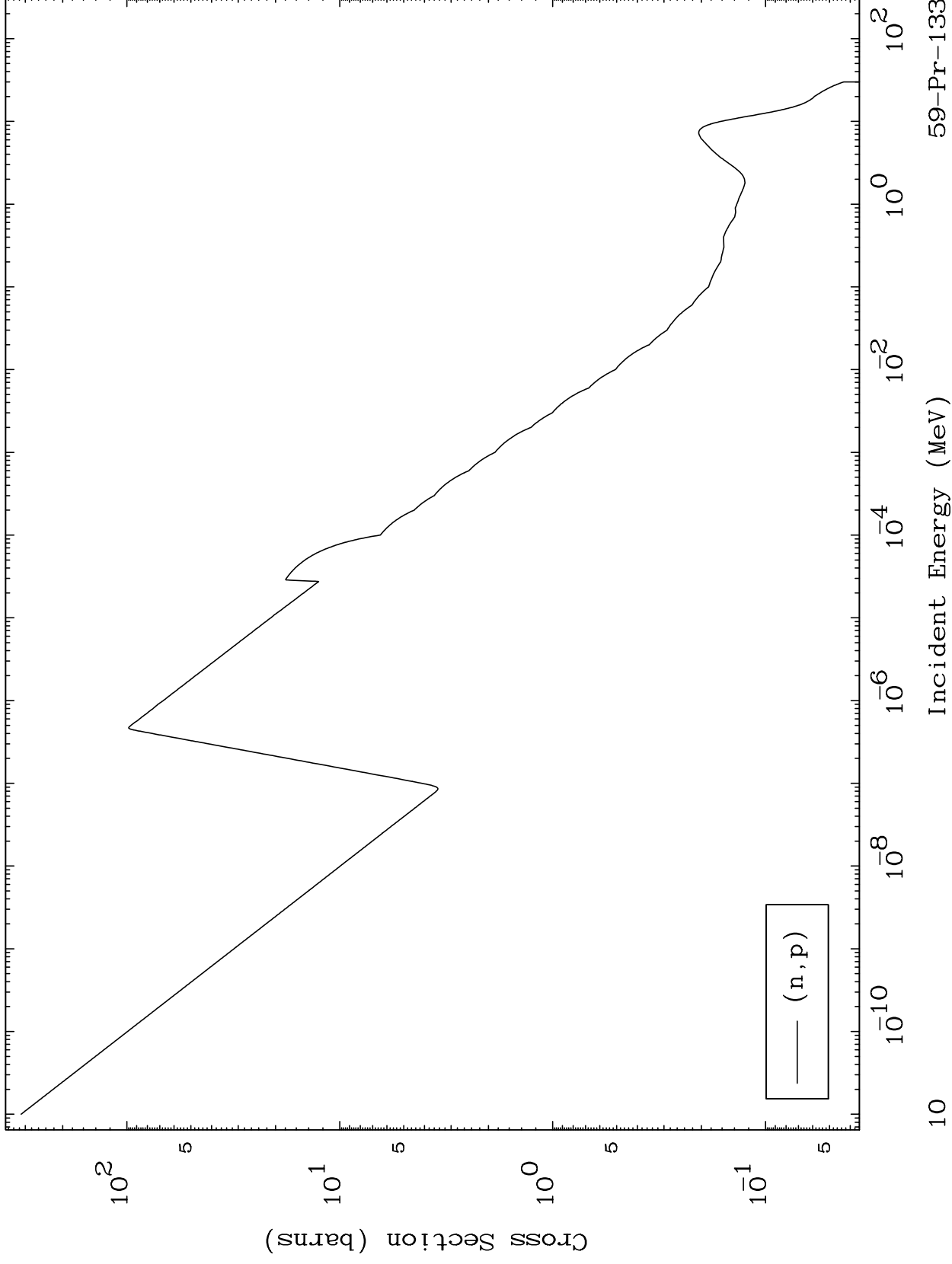
293 Kelvin Cross Sections



MAT 5901

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-133



10

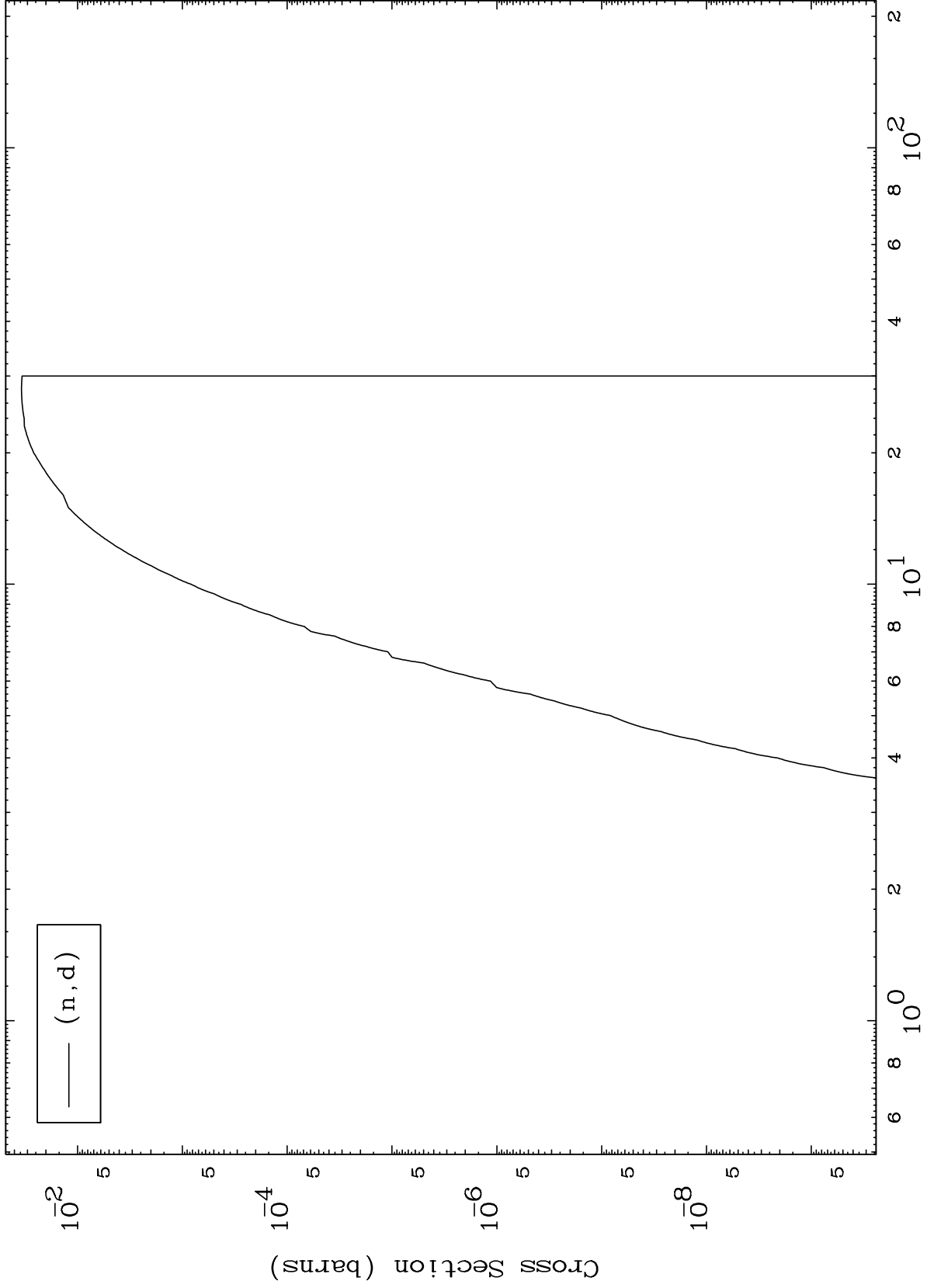
Incident Energy (MeV)

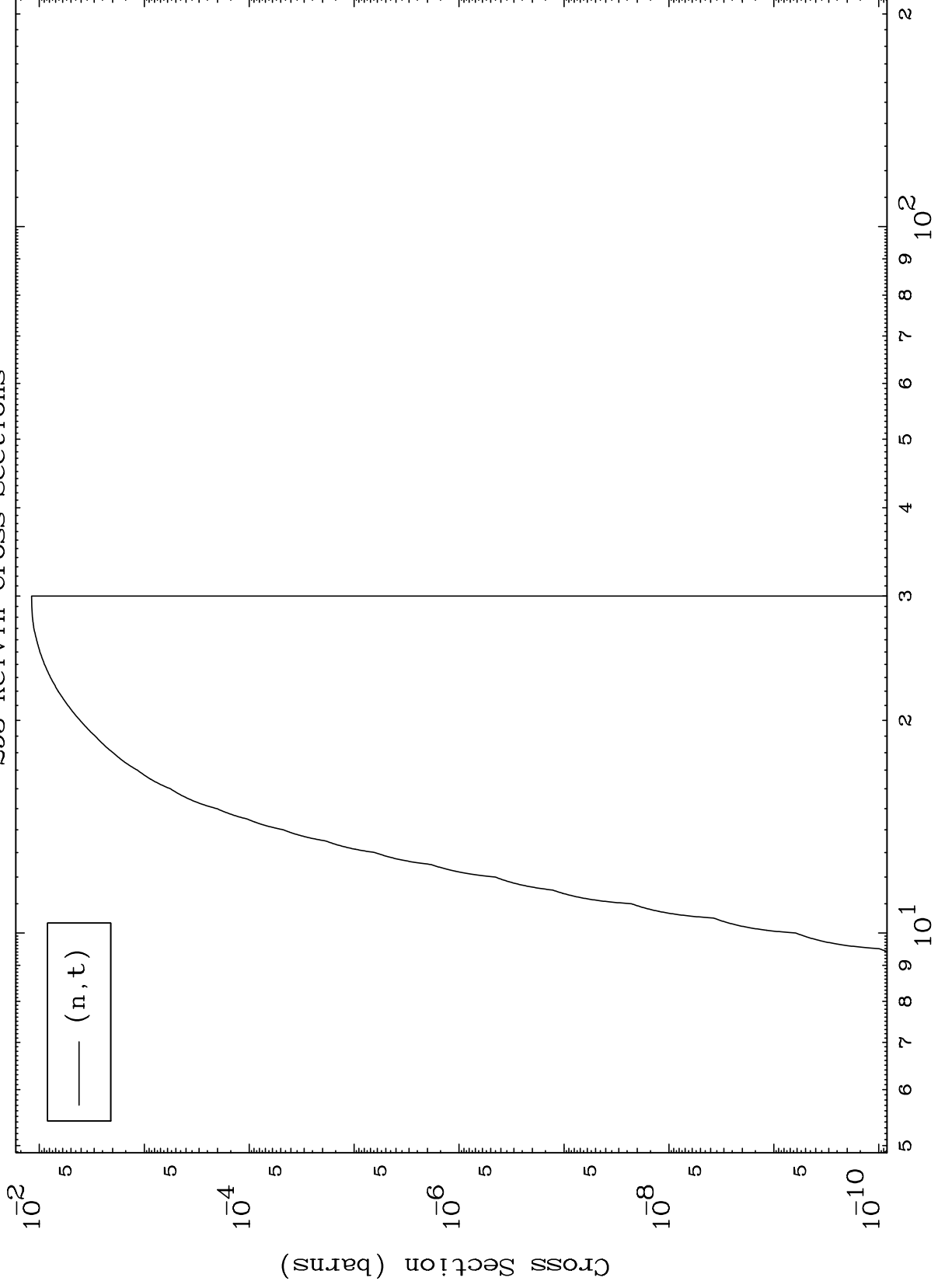
59-Pr-133

MAT 5901

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-133

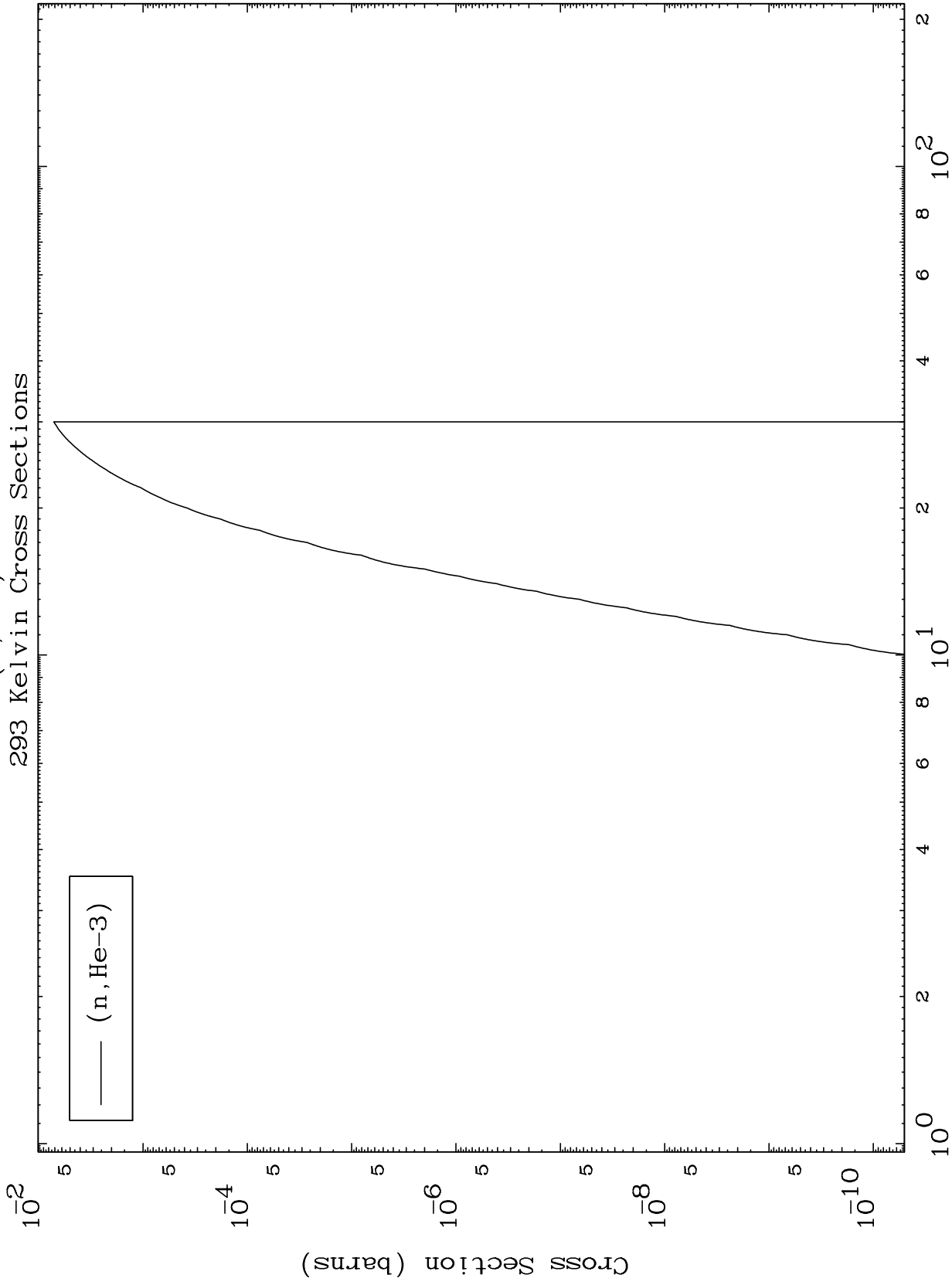




MAT 5901

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-133



13

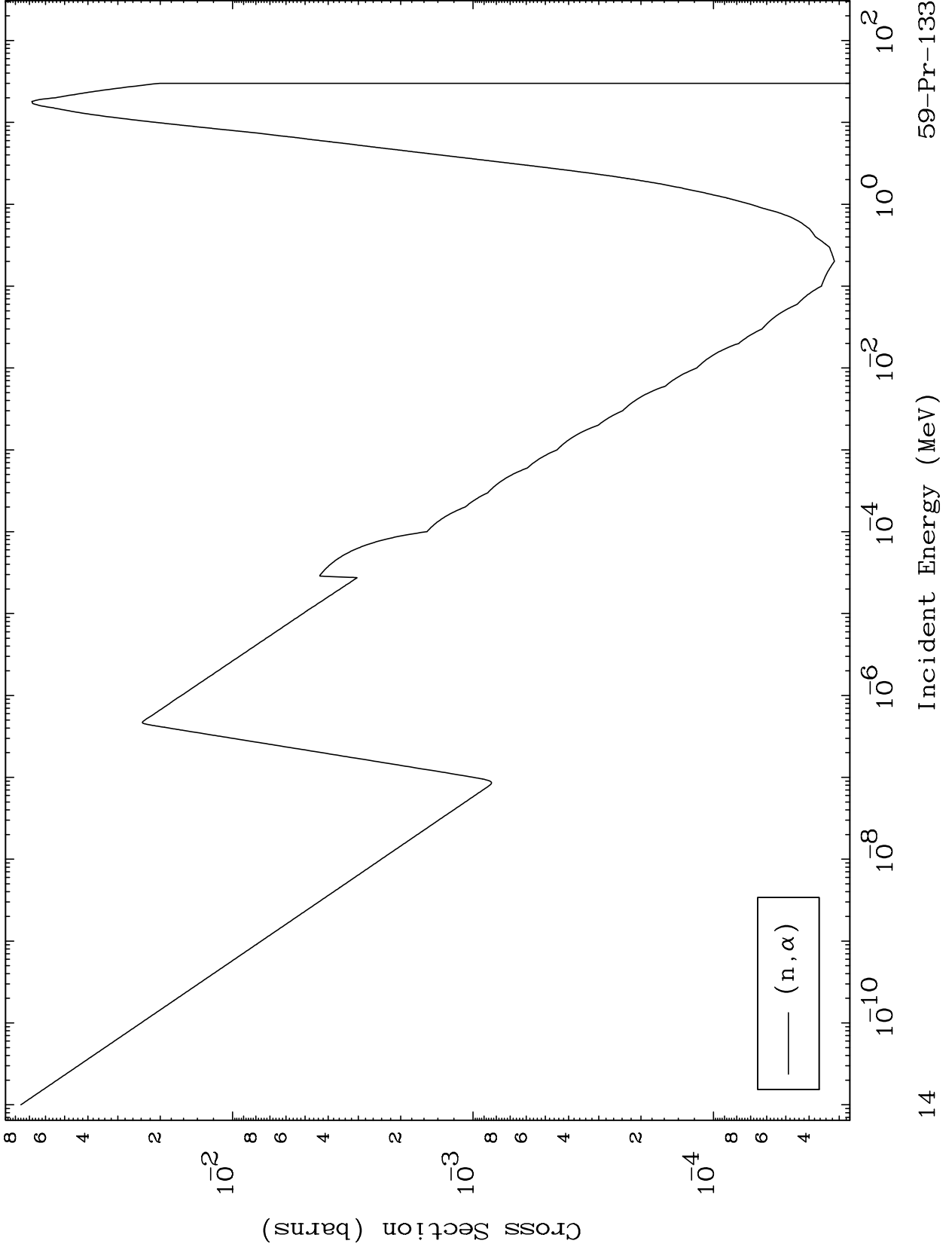
Incident Energy (MeV)

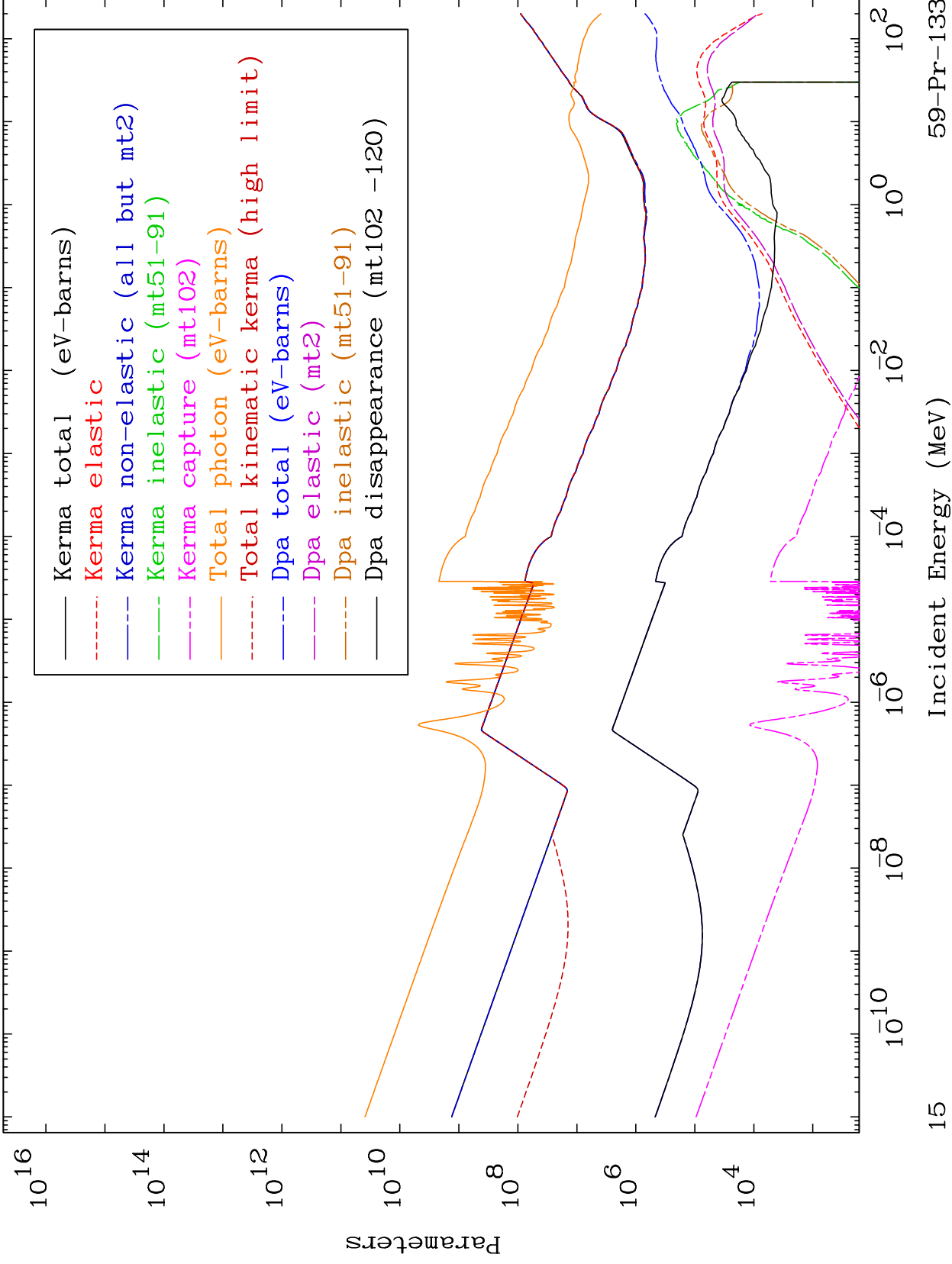
59-Pr-133

MAT 5901

(n,α) Levels
293 Kelvin Cross Sections

59-Pr-133

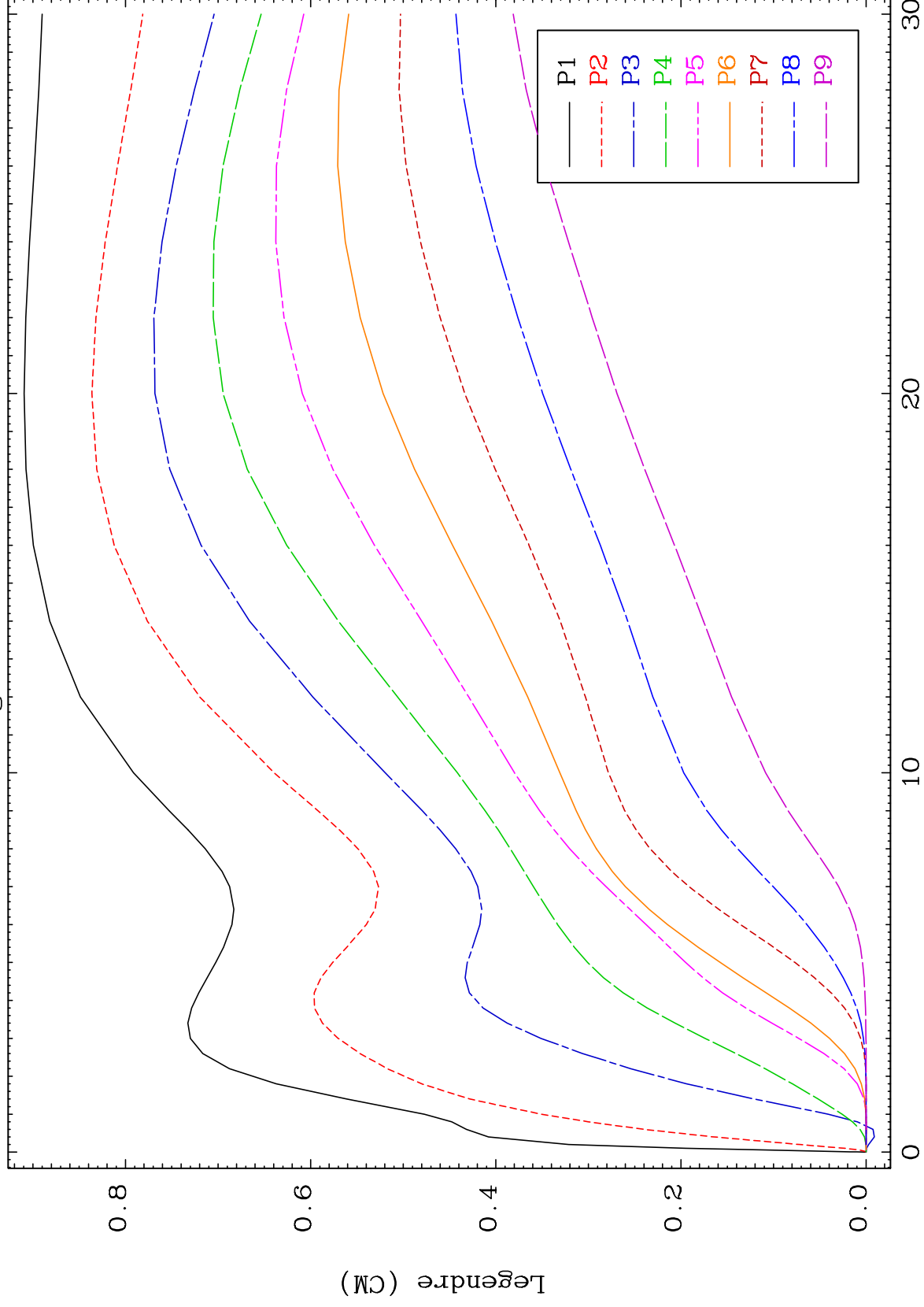




MAT 5901

Elastic Legendre Coefficients

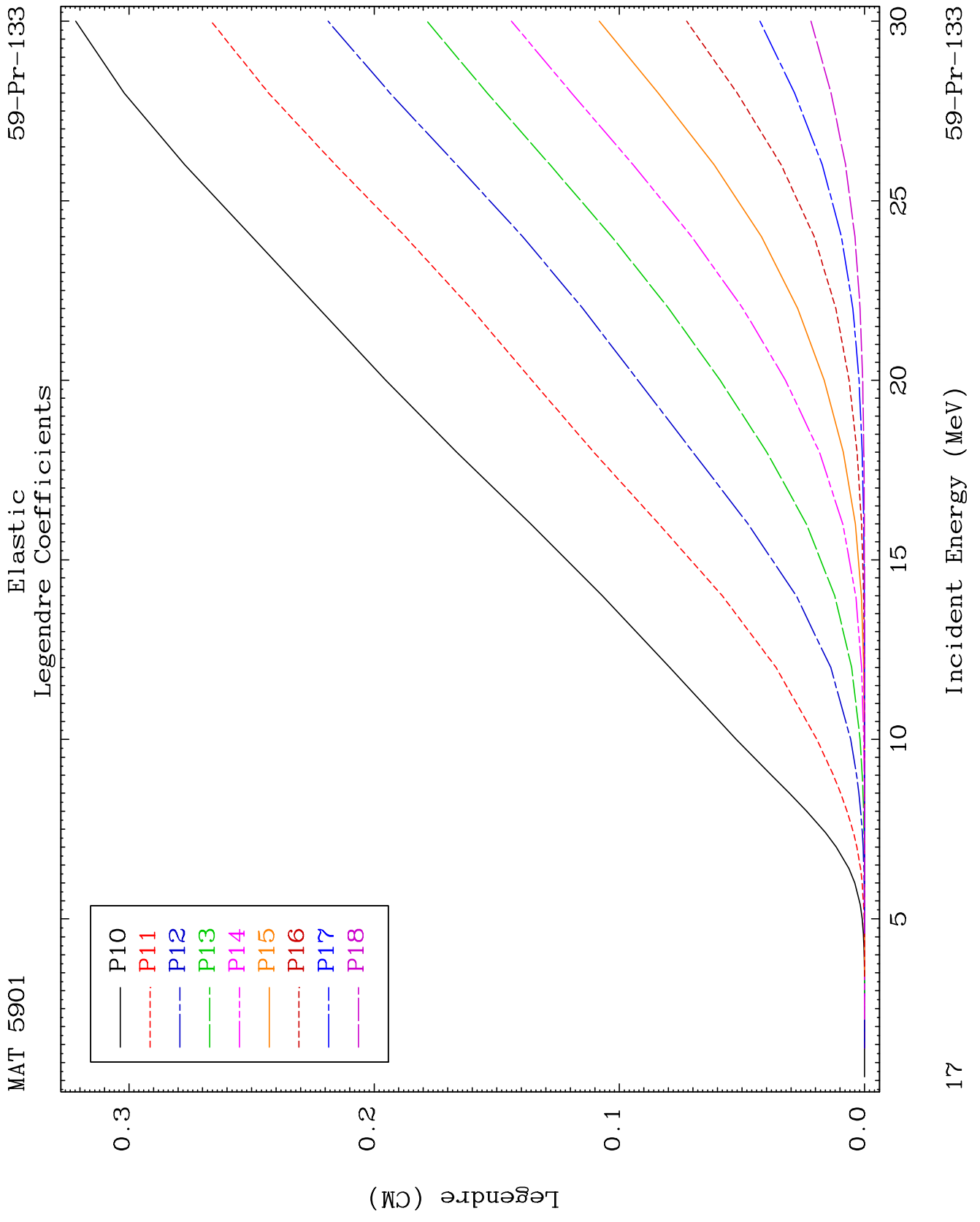
59-Pr-133



16

Incident Energy (MeV)

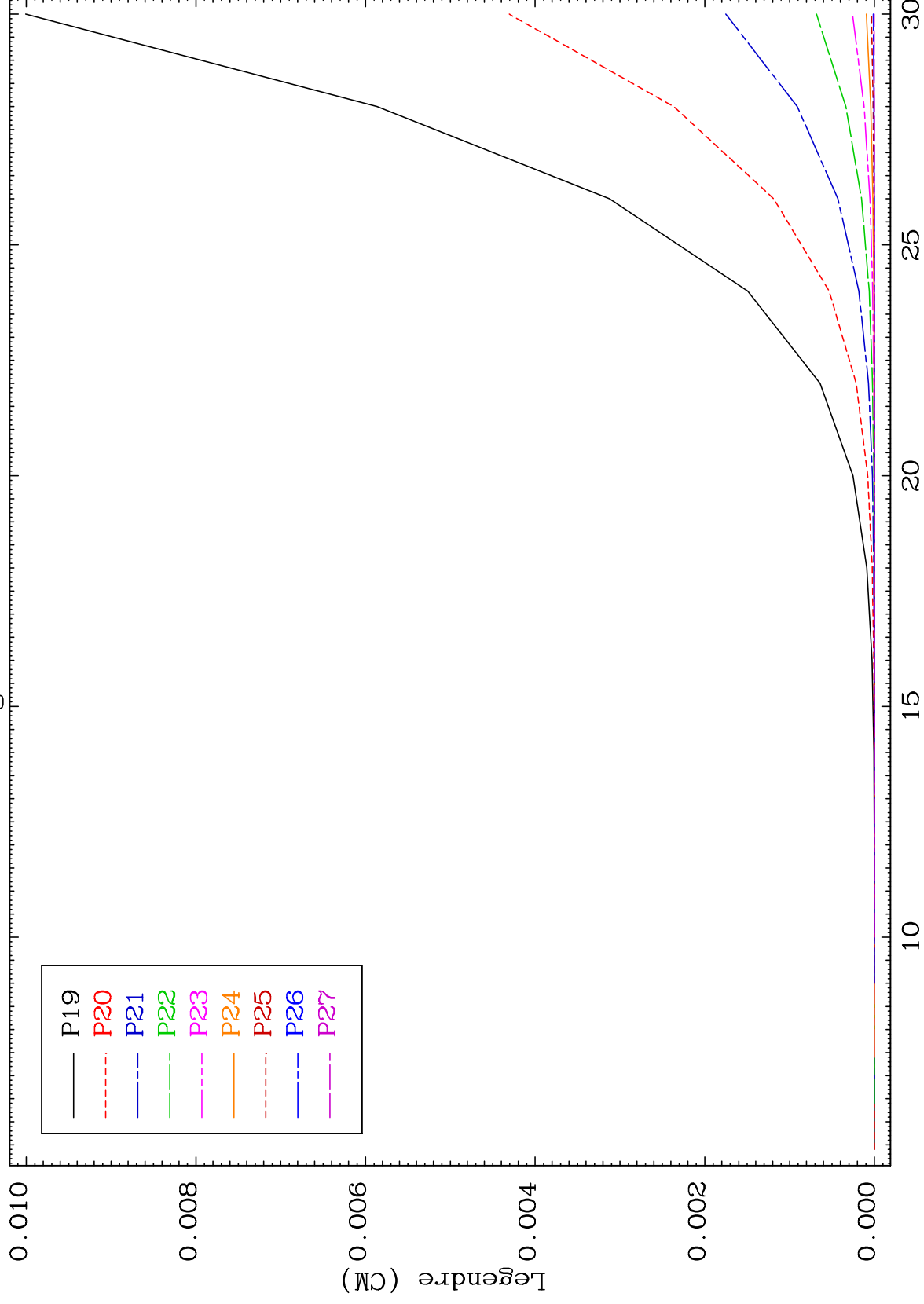
59-Pr-133



MAT 5901

Elastic
Legendre Coefficients

59-Pr-133



18

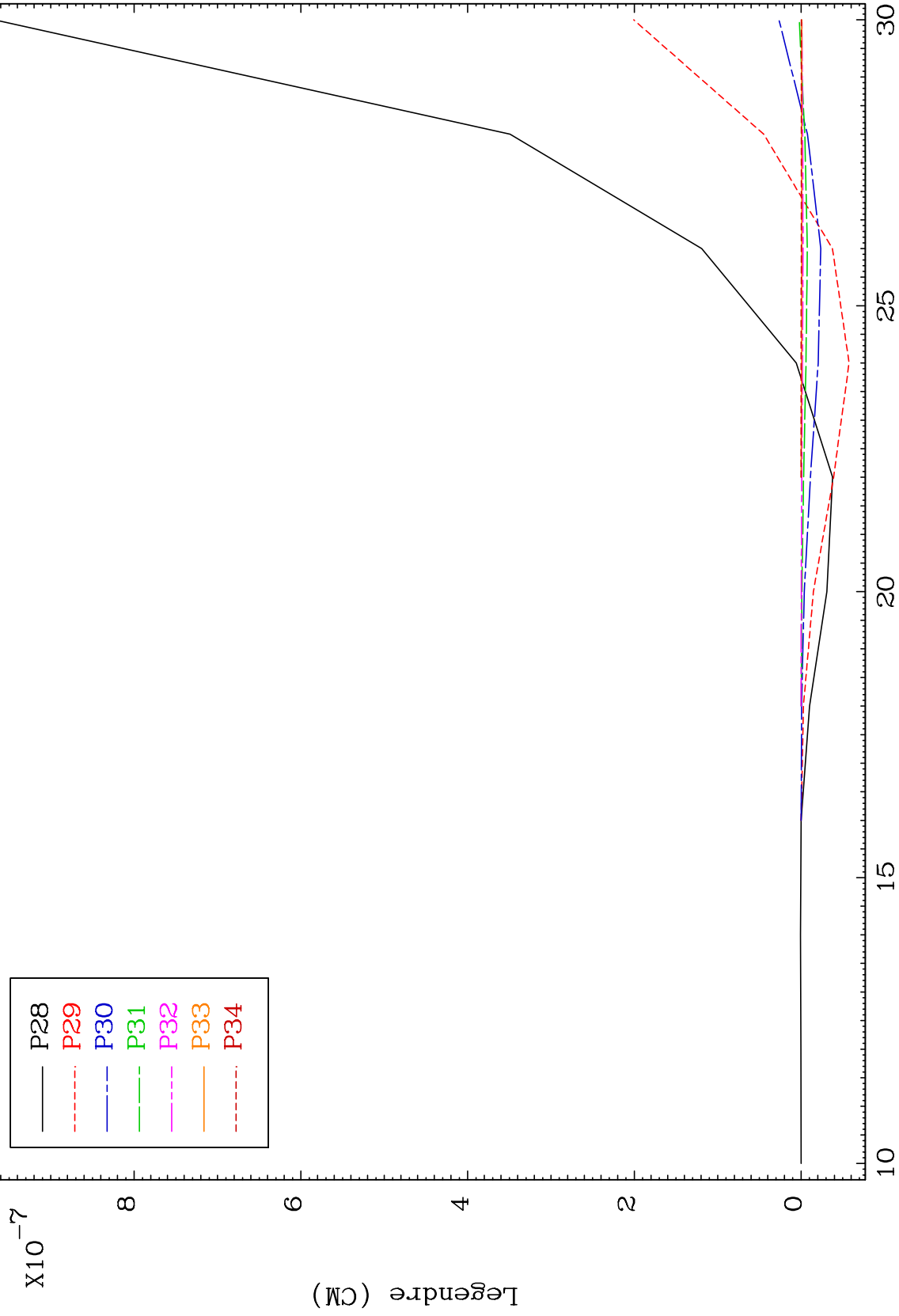
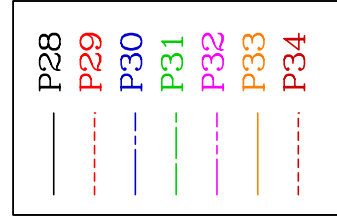
Incident Energy (MeV)

59-Pr-133

MAT 5901

Elastic
Legendre Coefficients

59-Pr-133



10

15

20

25

30

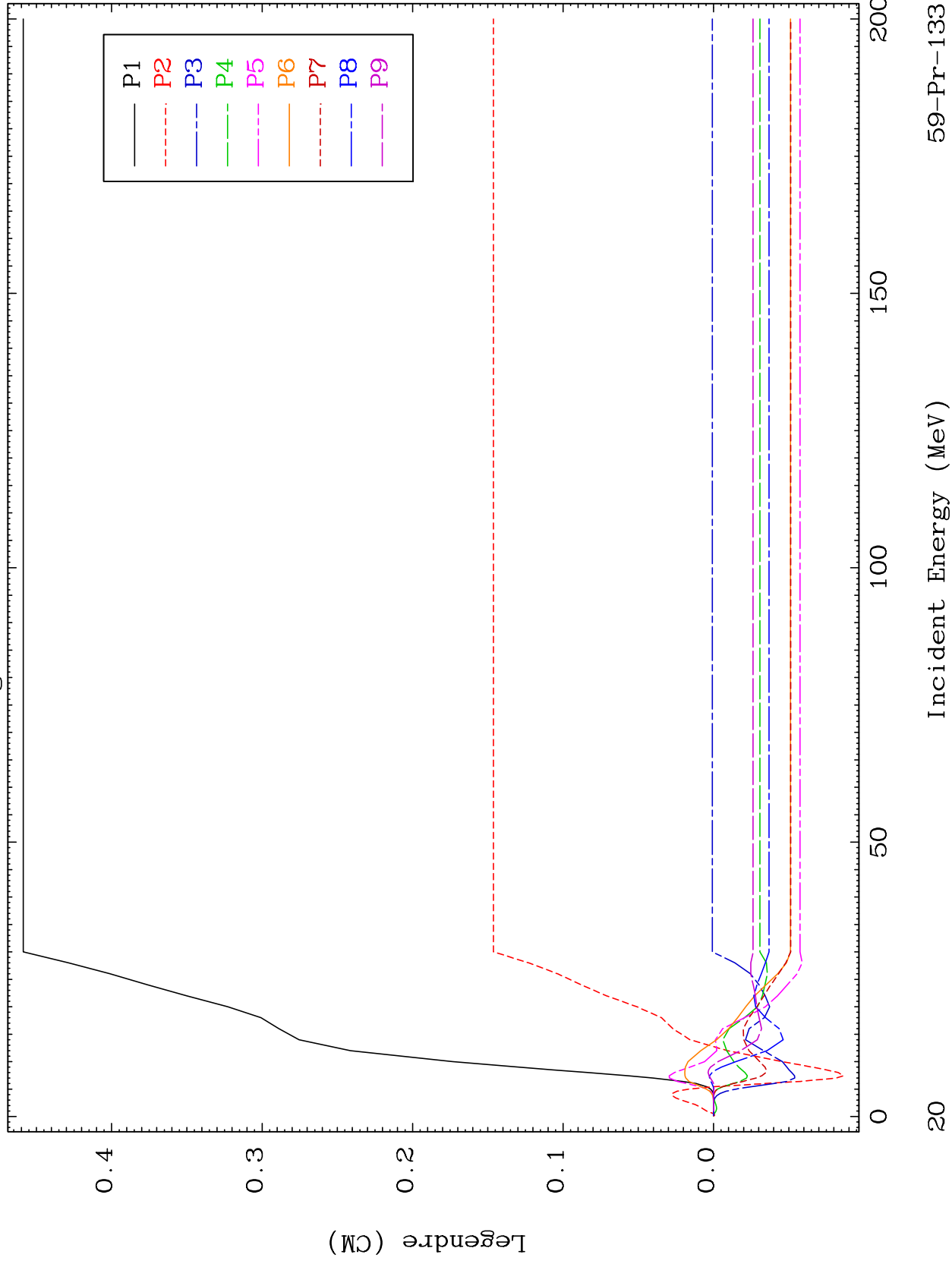
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



59-Pr-133

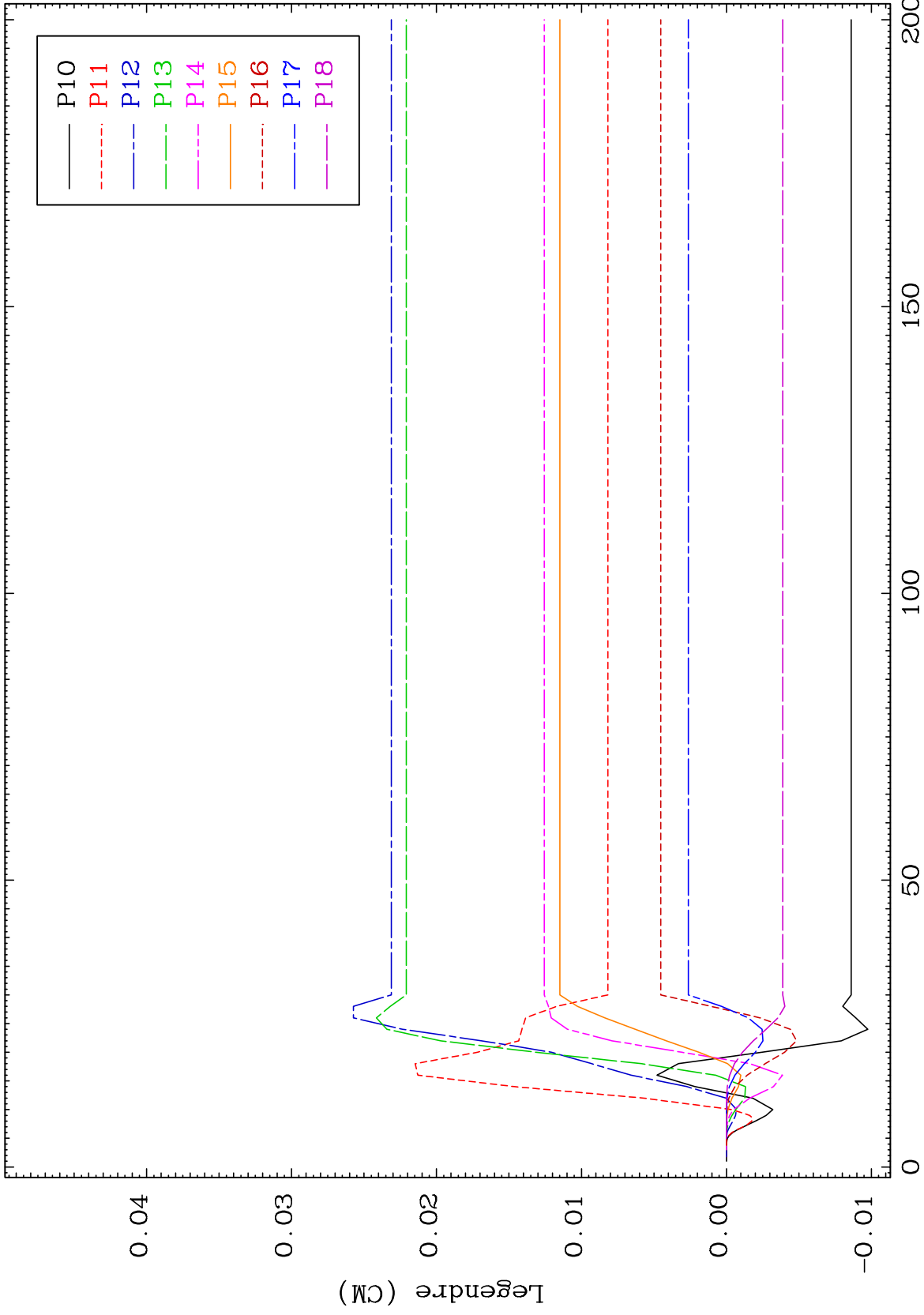
Incident Energy (MeV)

0

MAT 5901

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

59-Pr-133



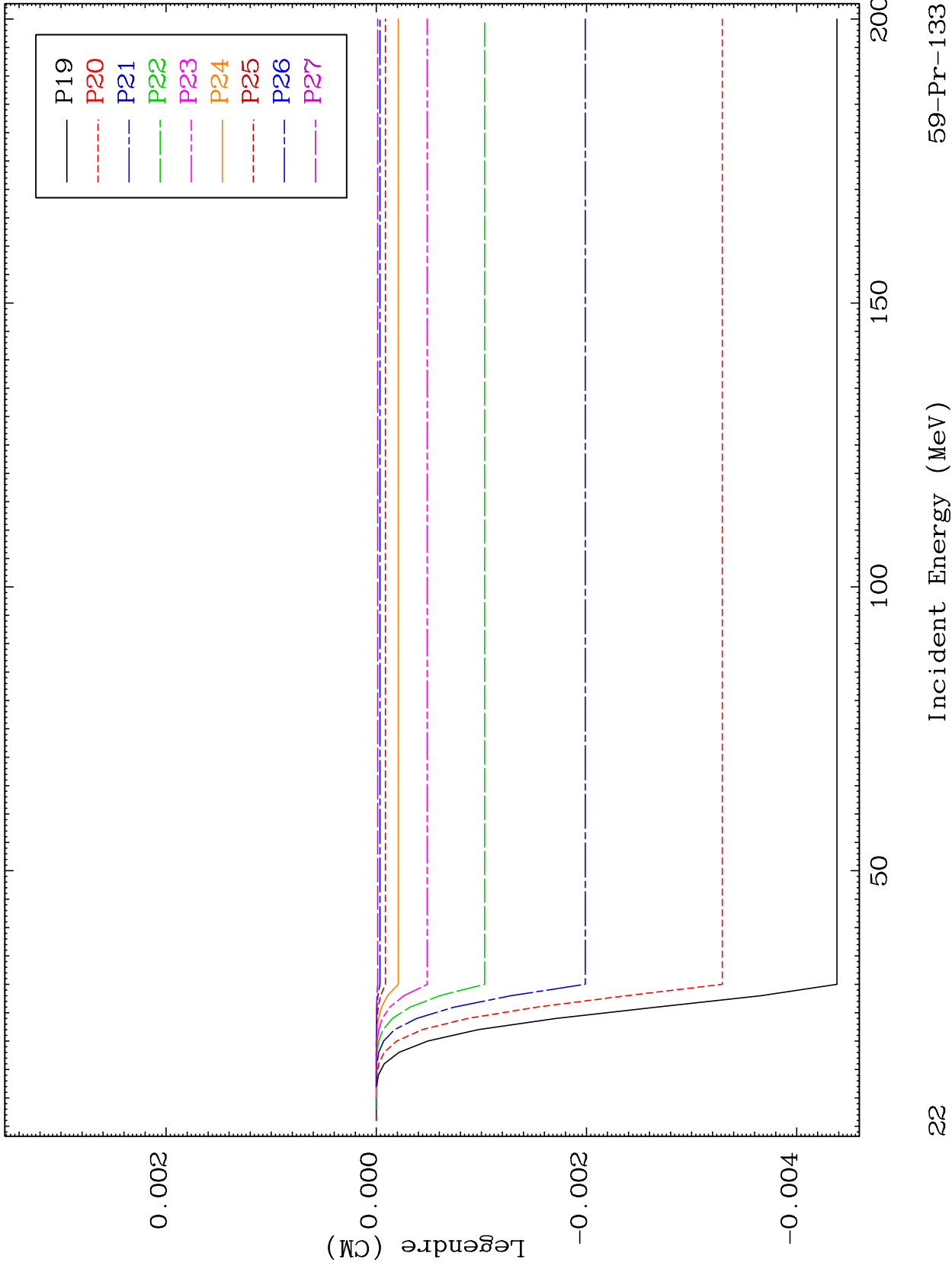
21

59-Pr-133

MAT 5901

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

59-Pr-133



22

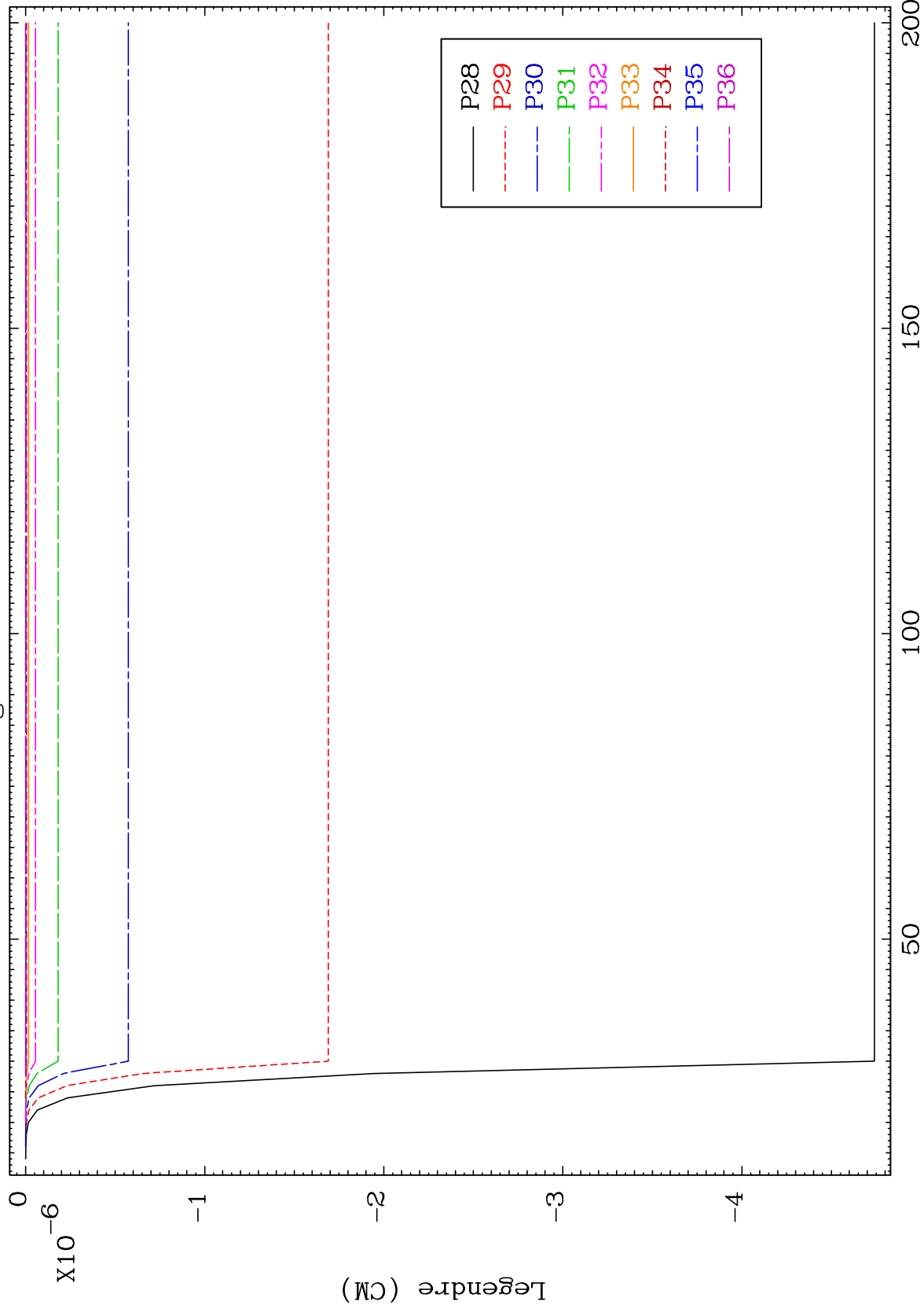
Incident Energy (MeV)

59-Pr-133

MAT 5901

59-Pr-133

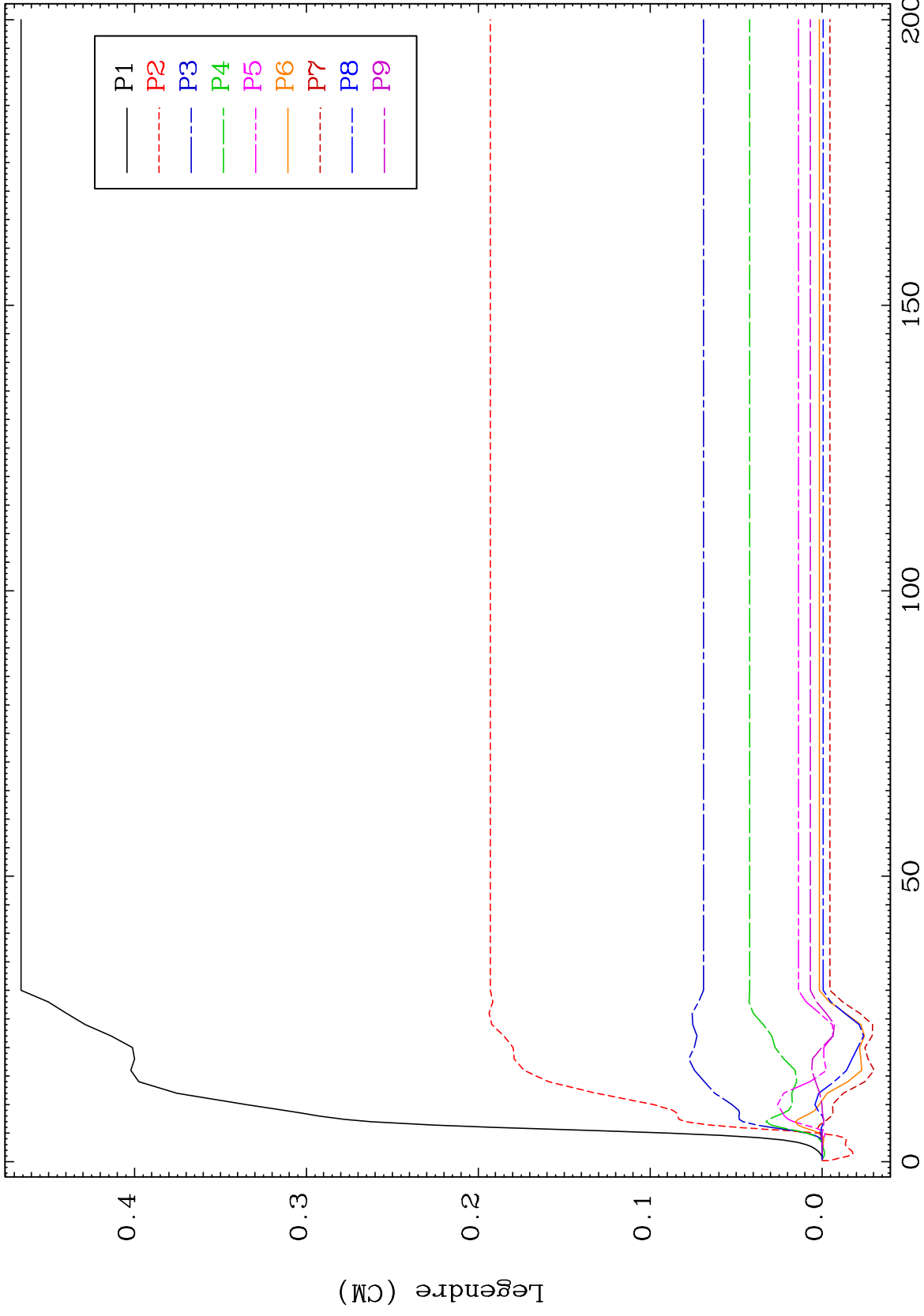
MT= 51 (n,n') Level
Legendre Coefficients



23

Incident Energy (MeV)

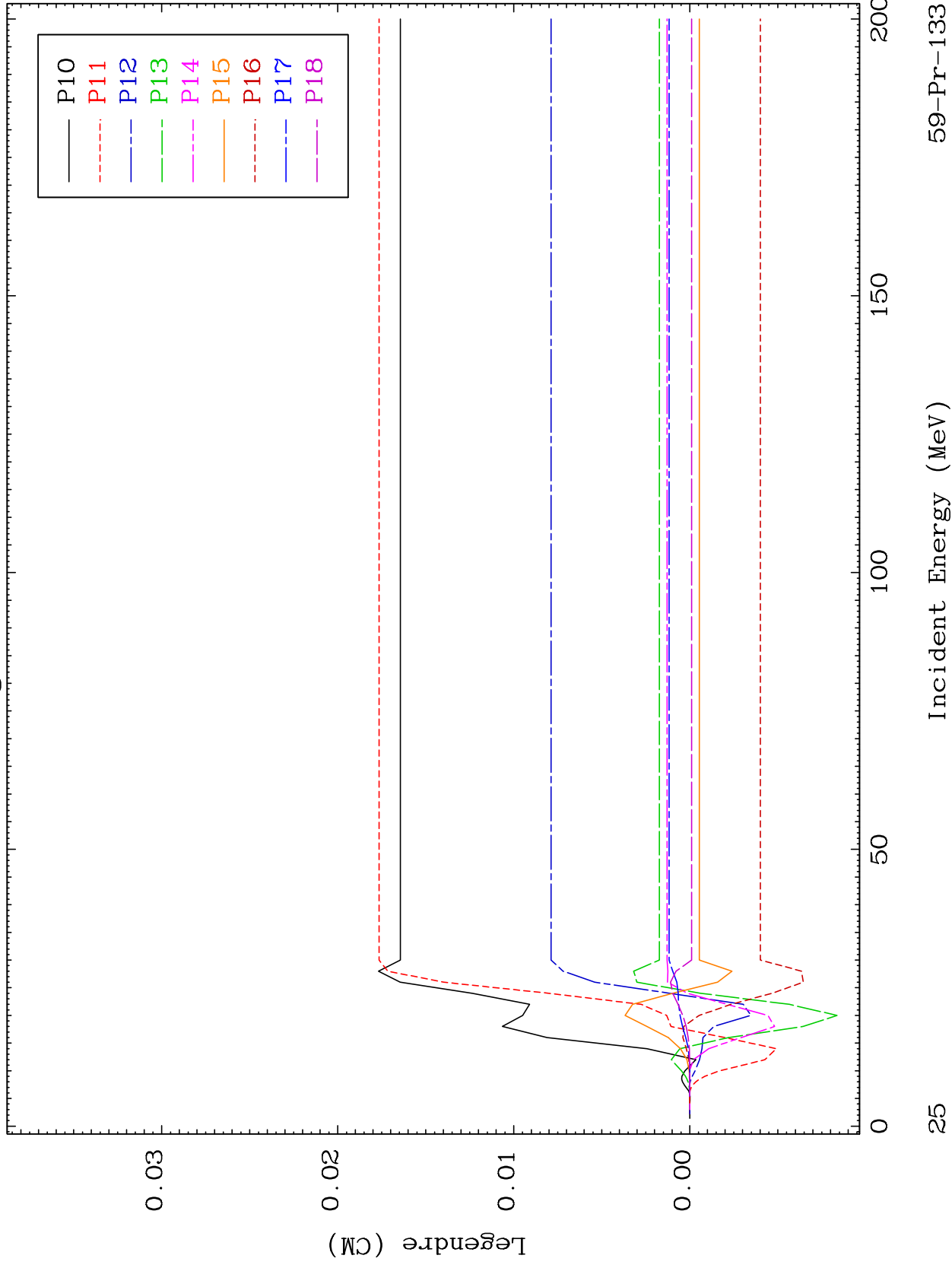
59-Pr-133



MAT 5901

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

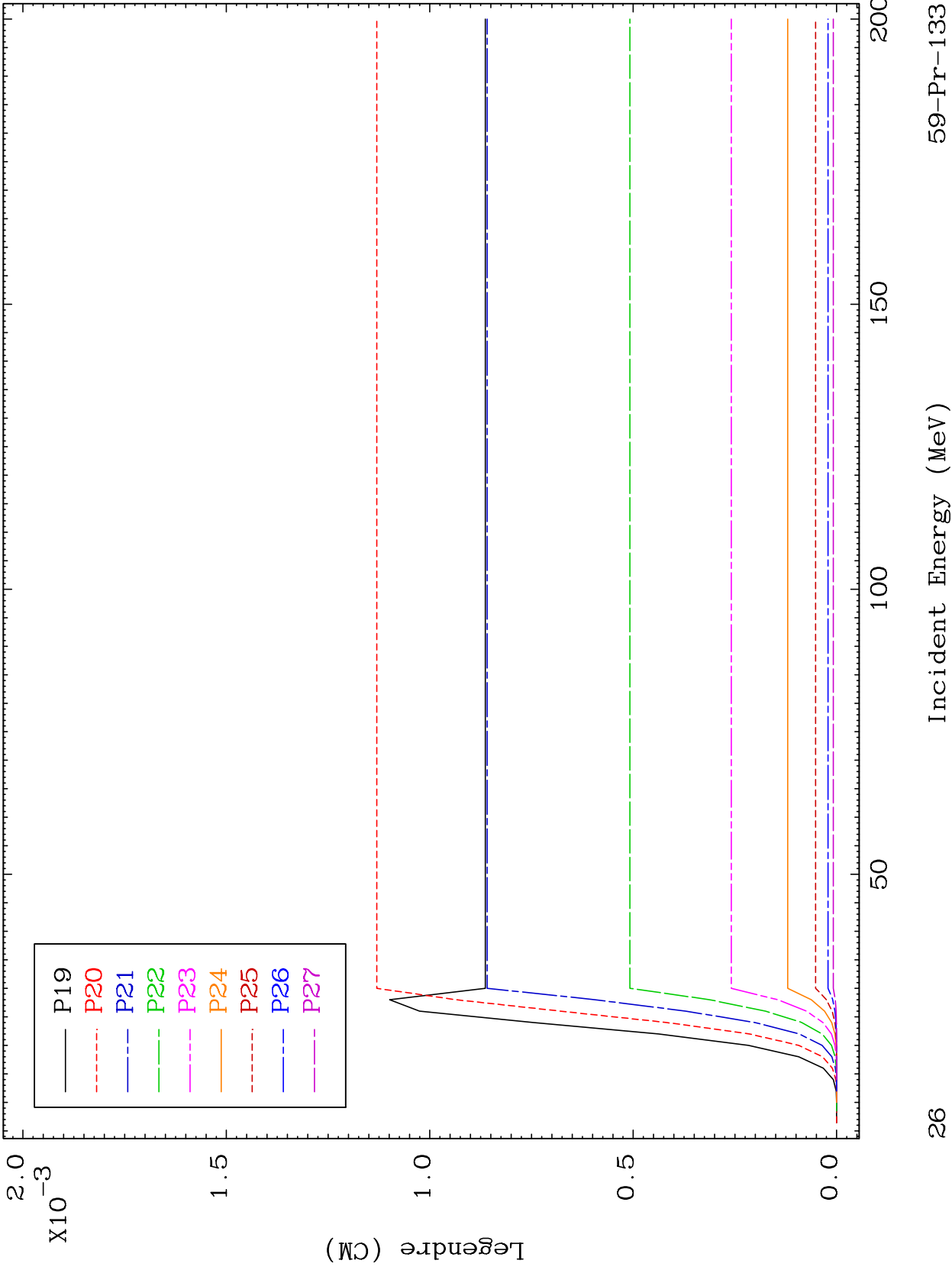
59-Pr-133



59-Pr-133

Incident Energy (MeV)

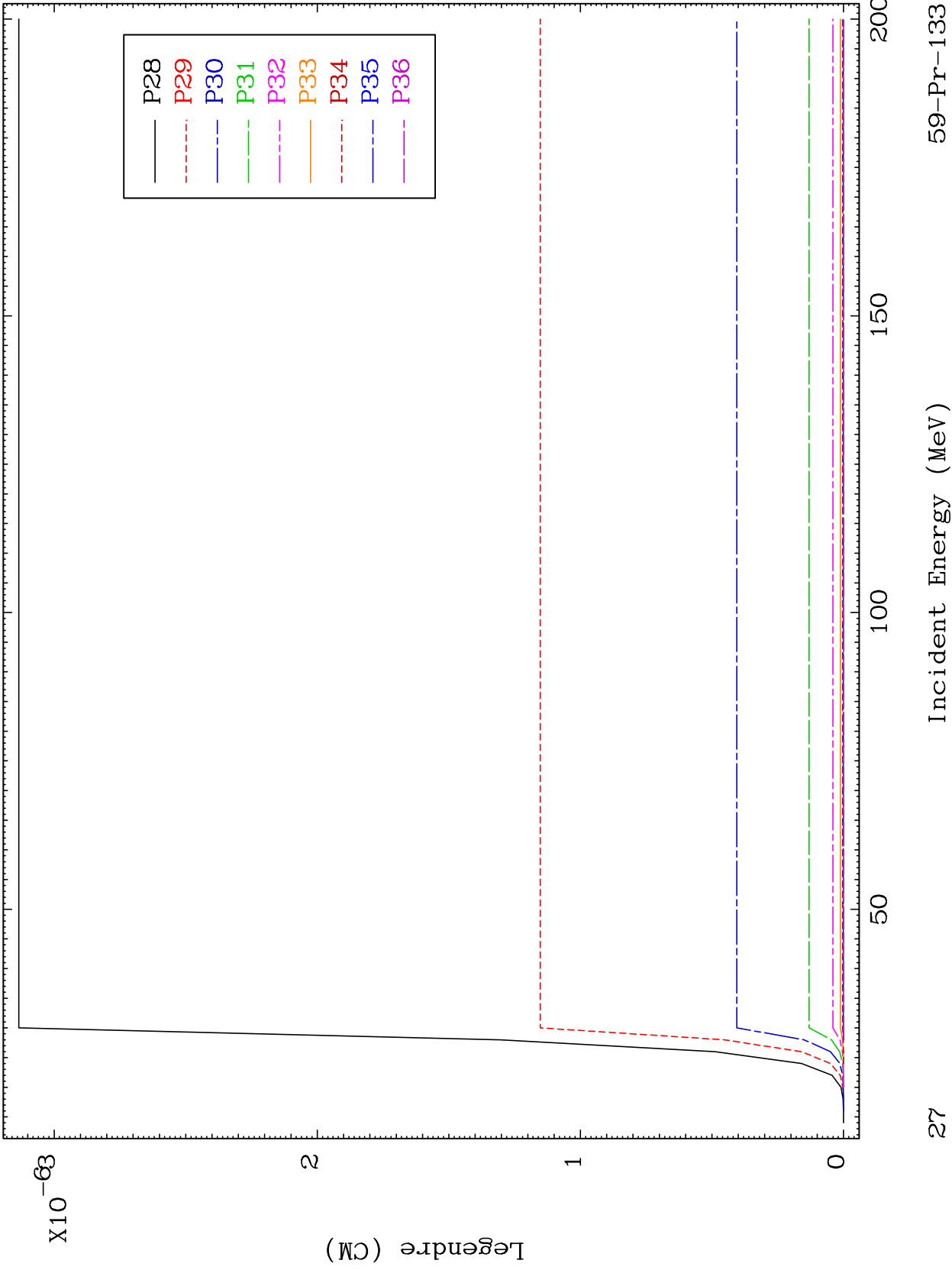
25



MAT 5901

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

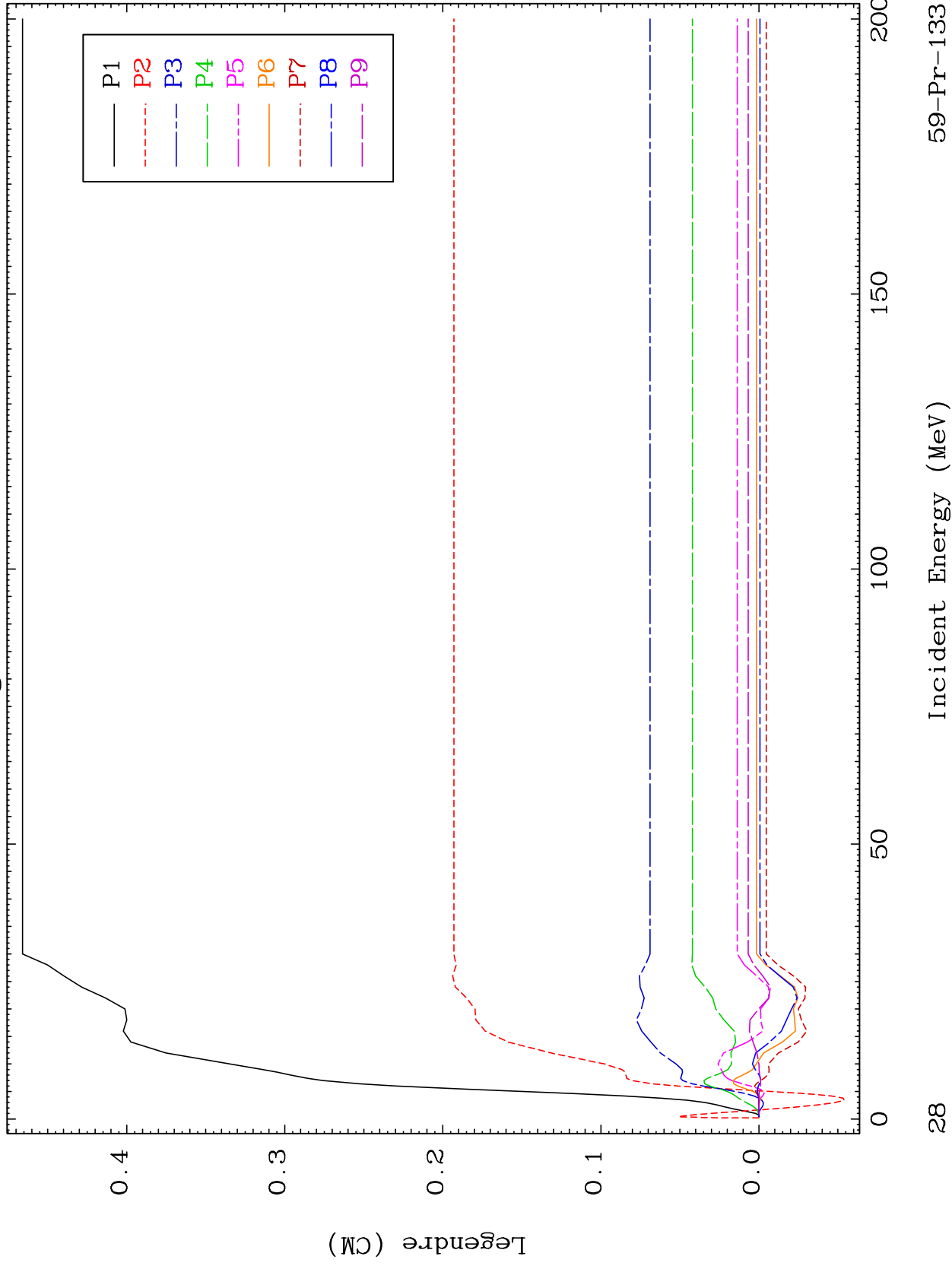
59-Pr-133



MAT 5901

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

59-Pr-133



59-Pr-133

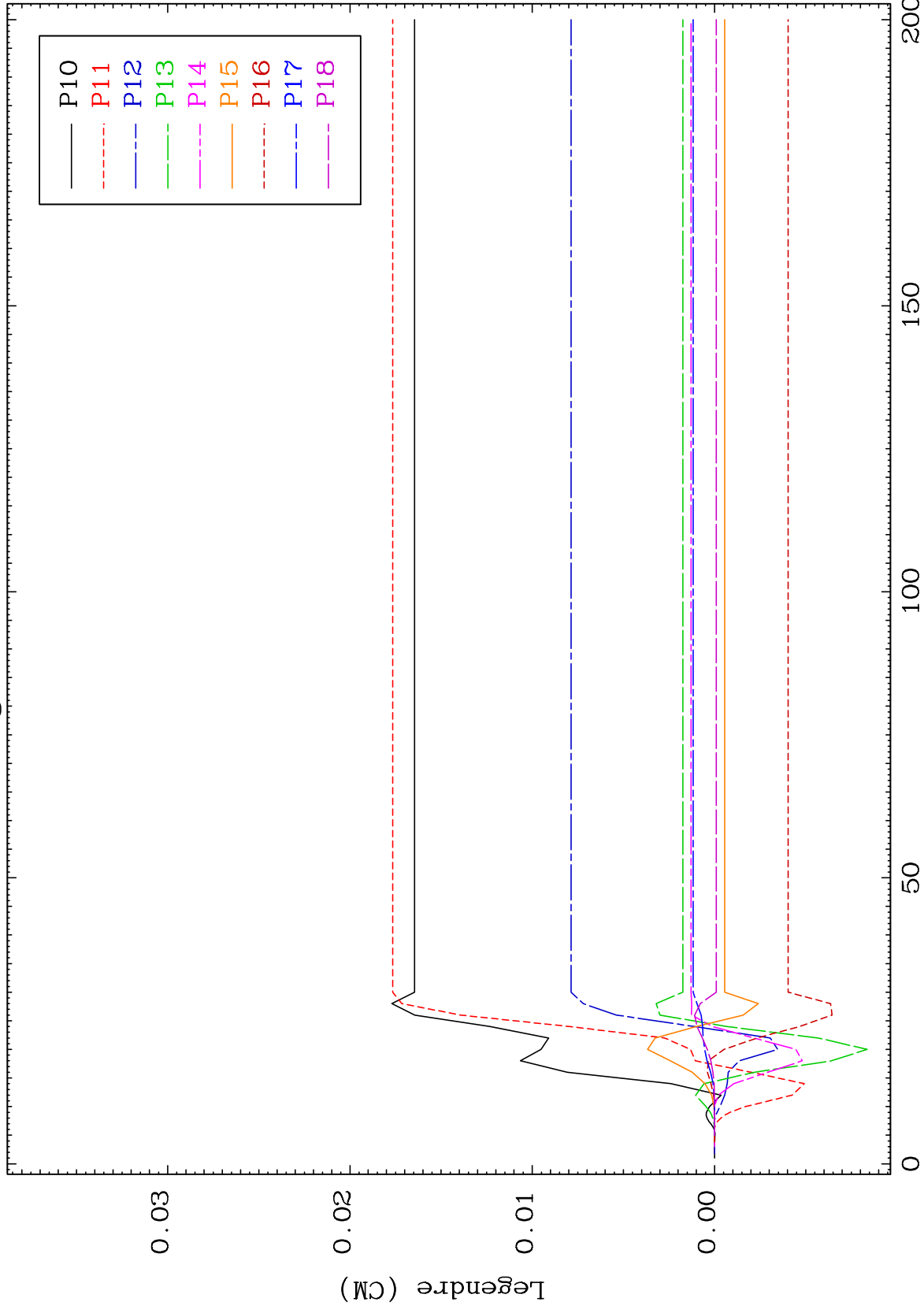
Incident Energy (MeV)

28

MAT 5901

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

59-Pr-133



29

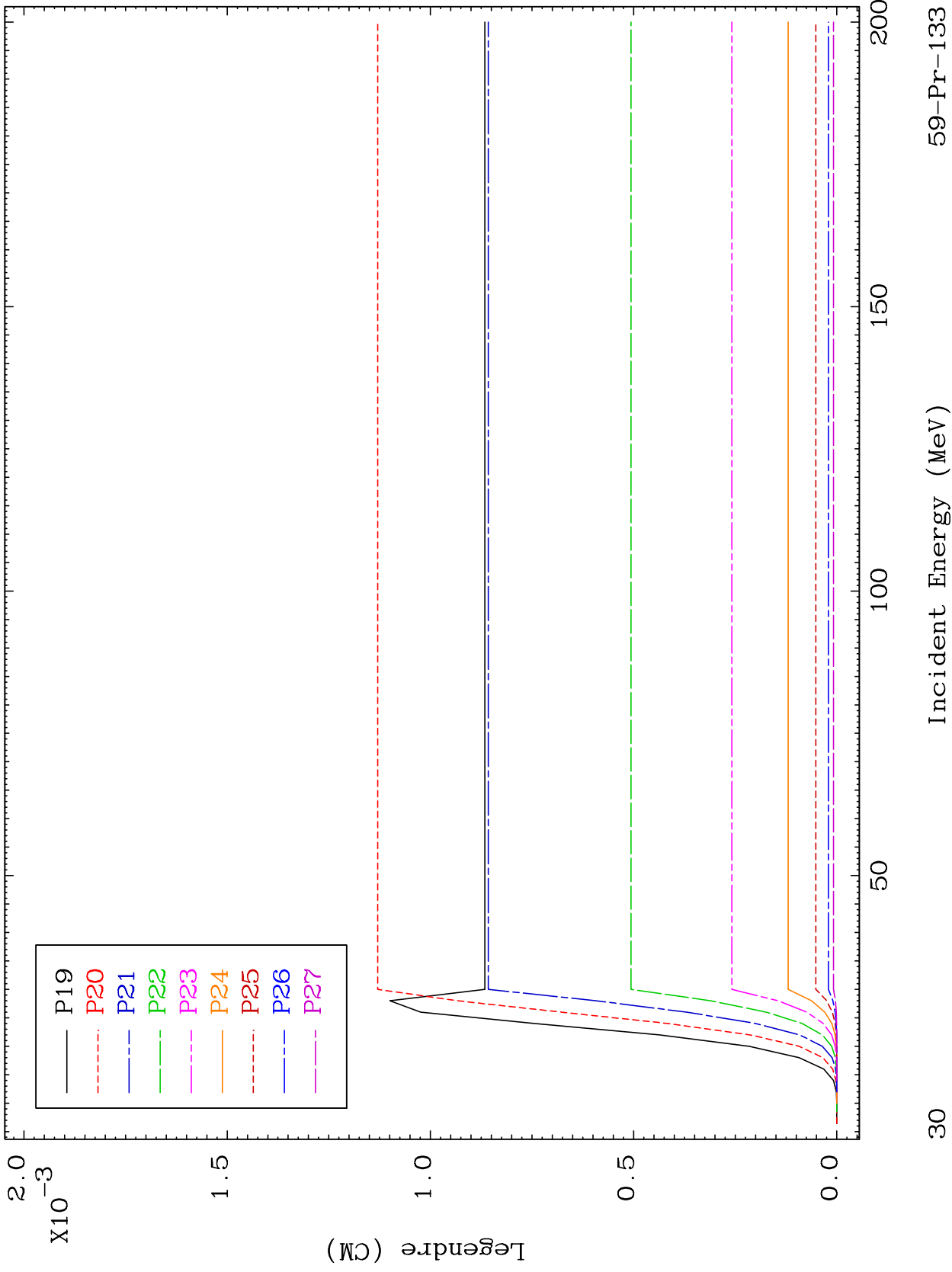
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



30

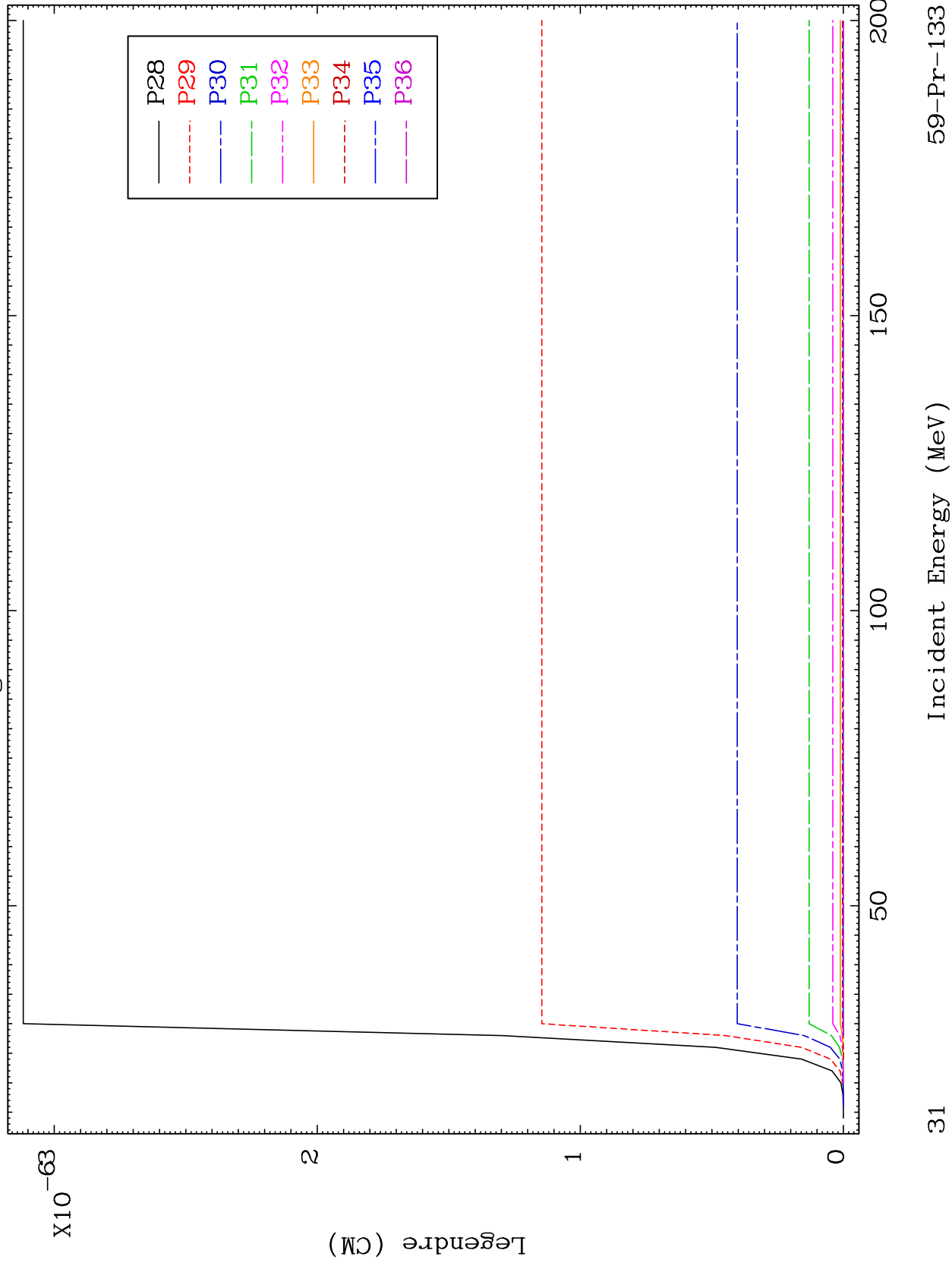
Incident Energy (MeV)

59-Pr-133

MAT 5901

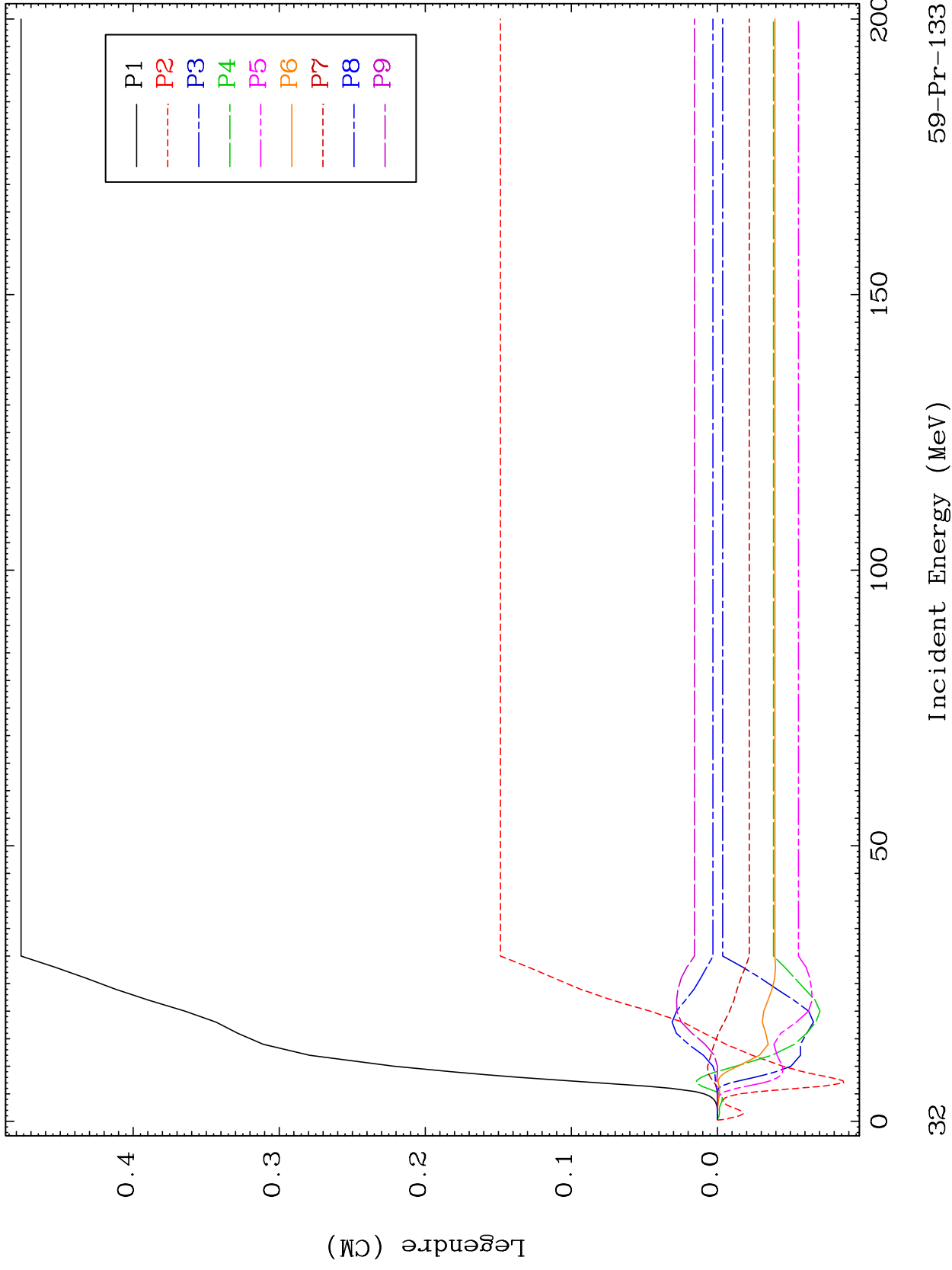
MT= 53 (n,n') Level
Legendre Coefficients

59-Pr-133



31

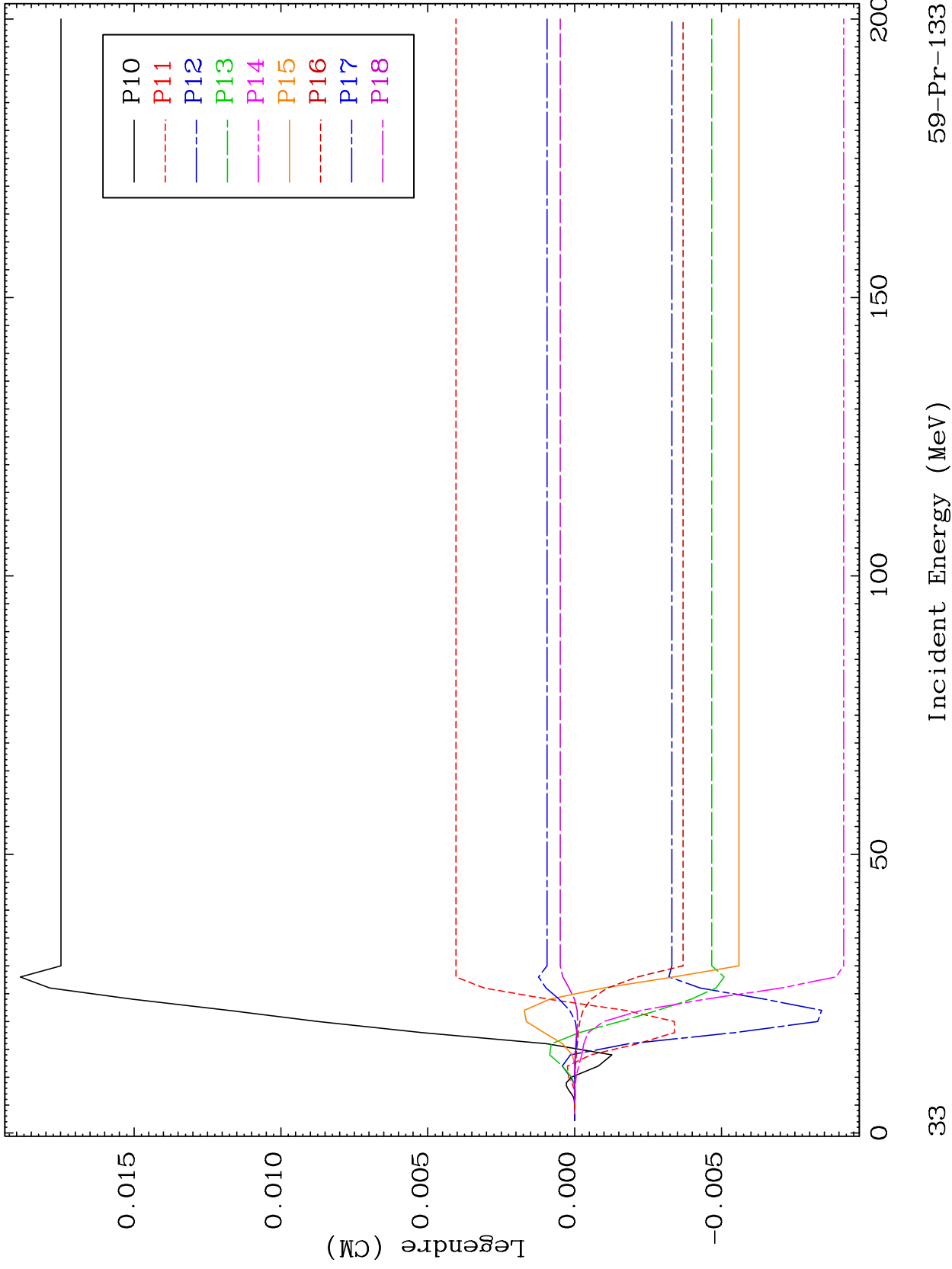
59-Pr-133



MAT 5901

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

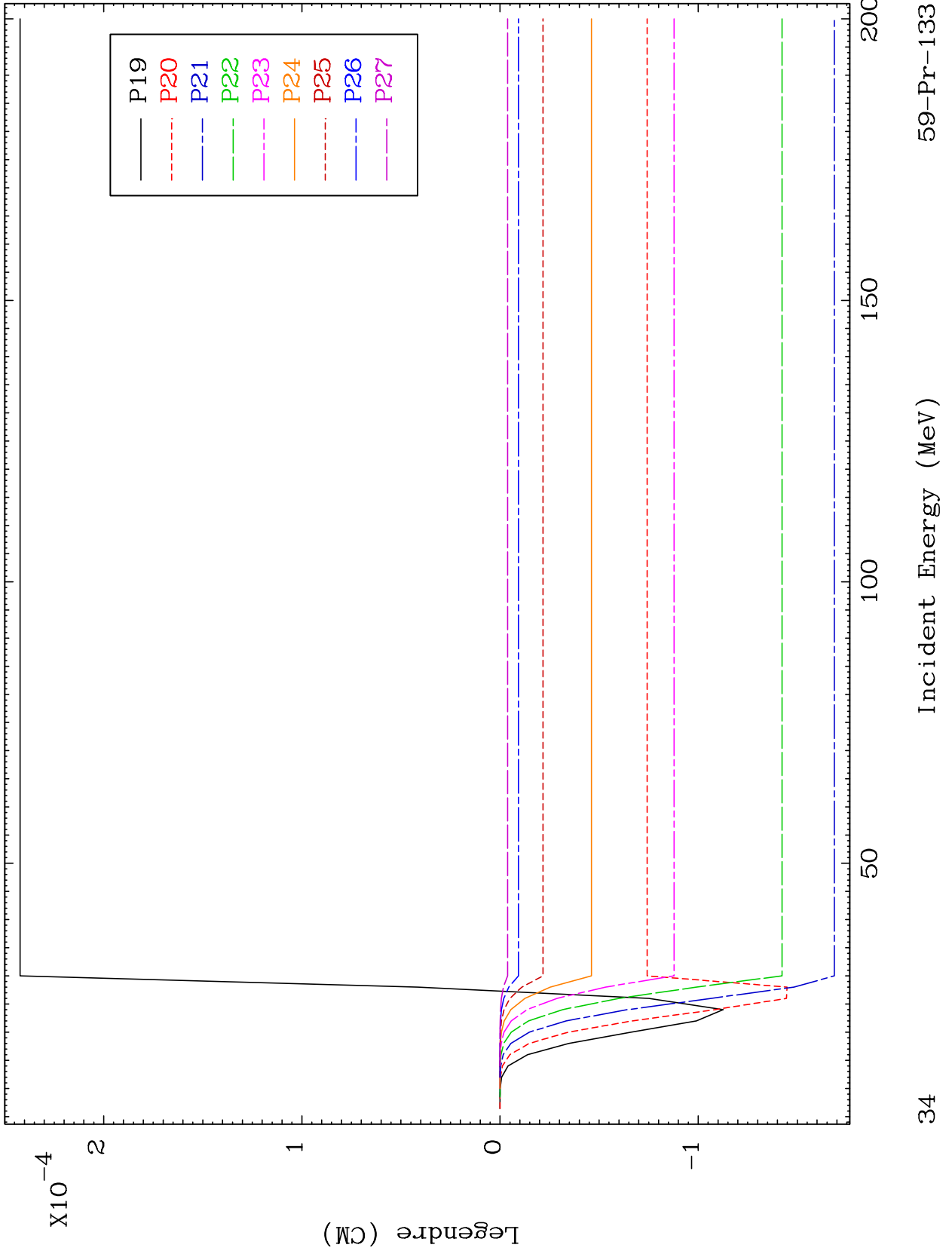
59-Pr-133



33

Incident Energy (MeV)

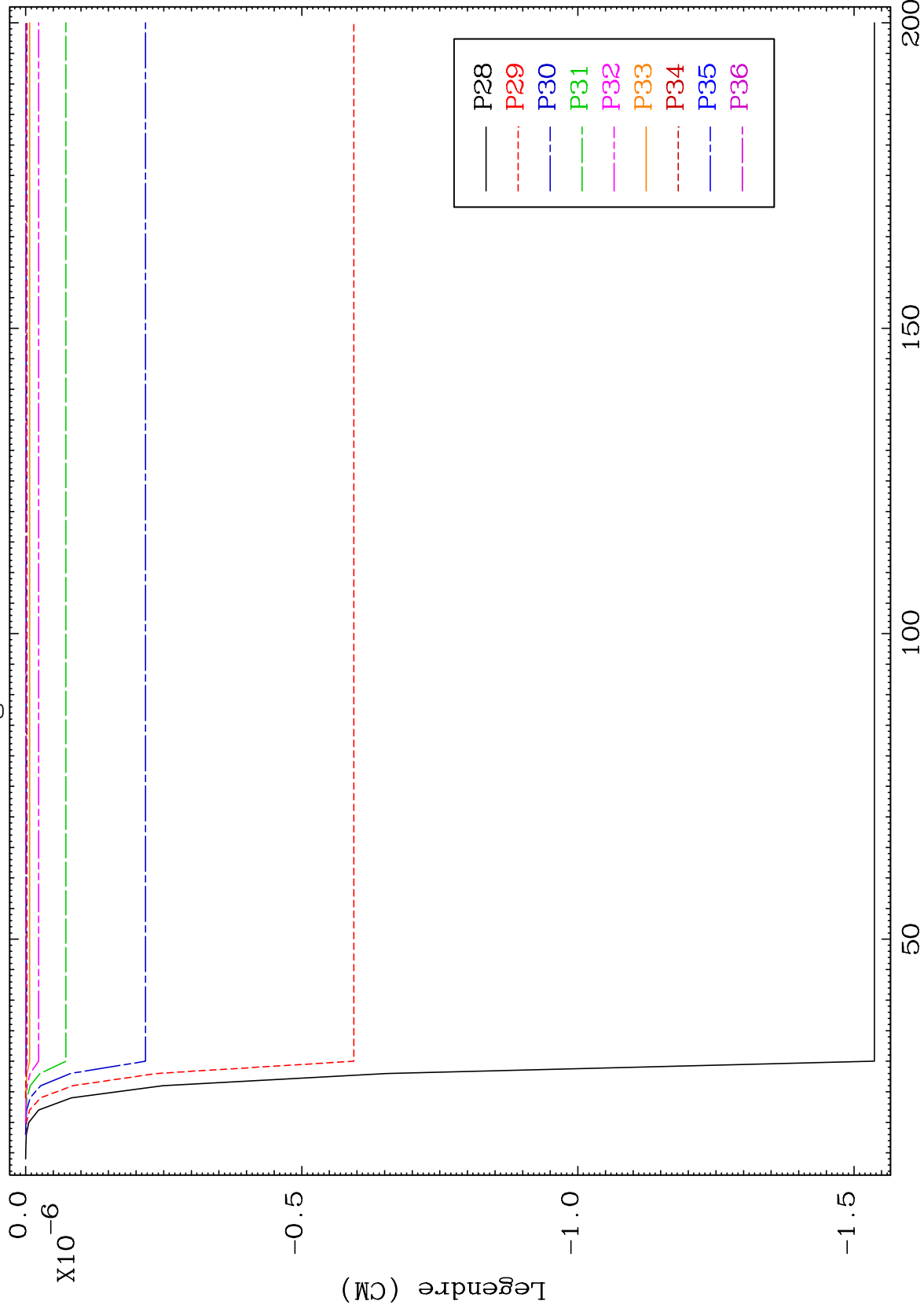
59-Pr-133



MAT 5901

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

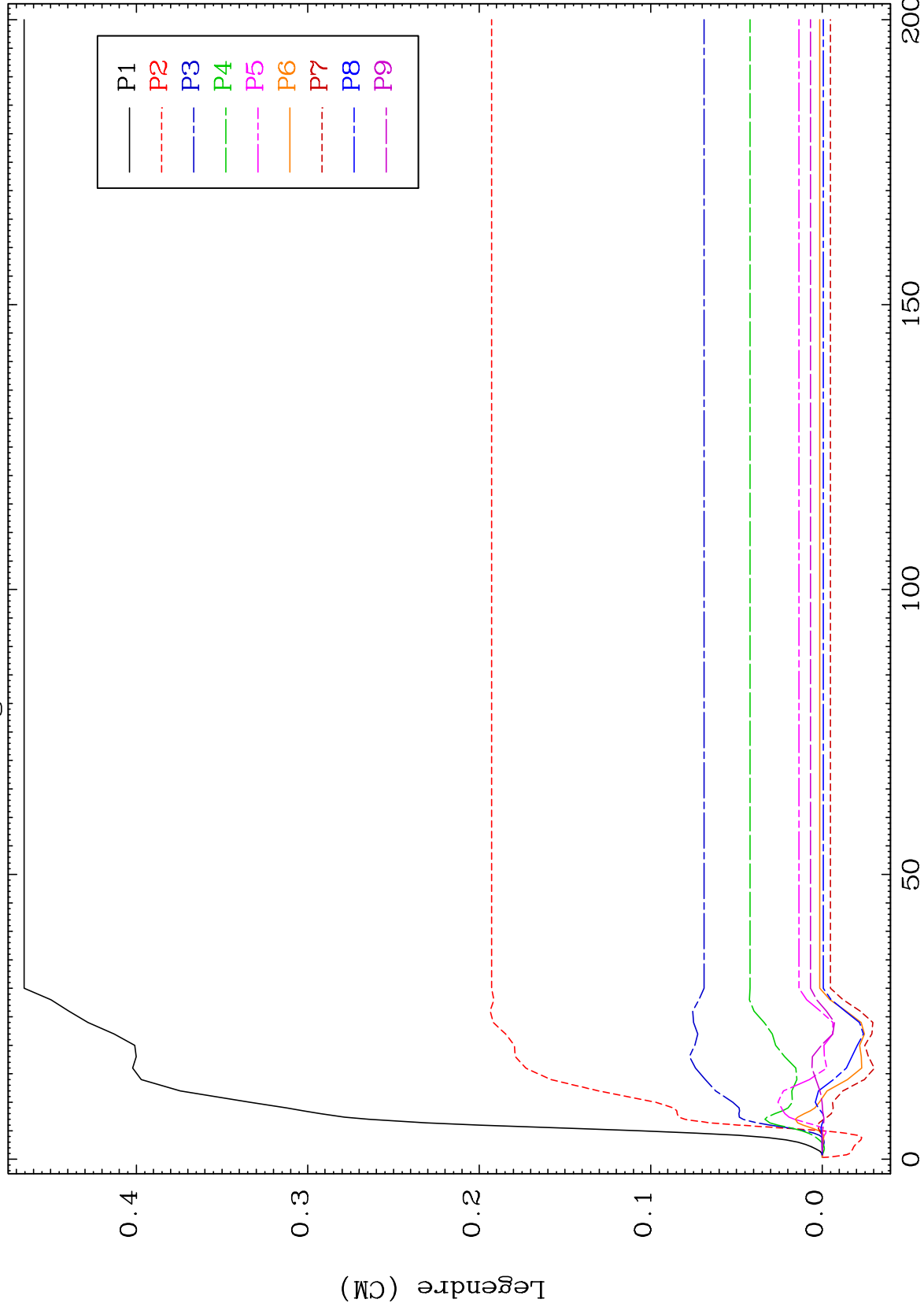
59-Pr-133



35

Incident Energy (MeV)

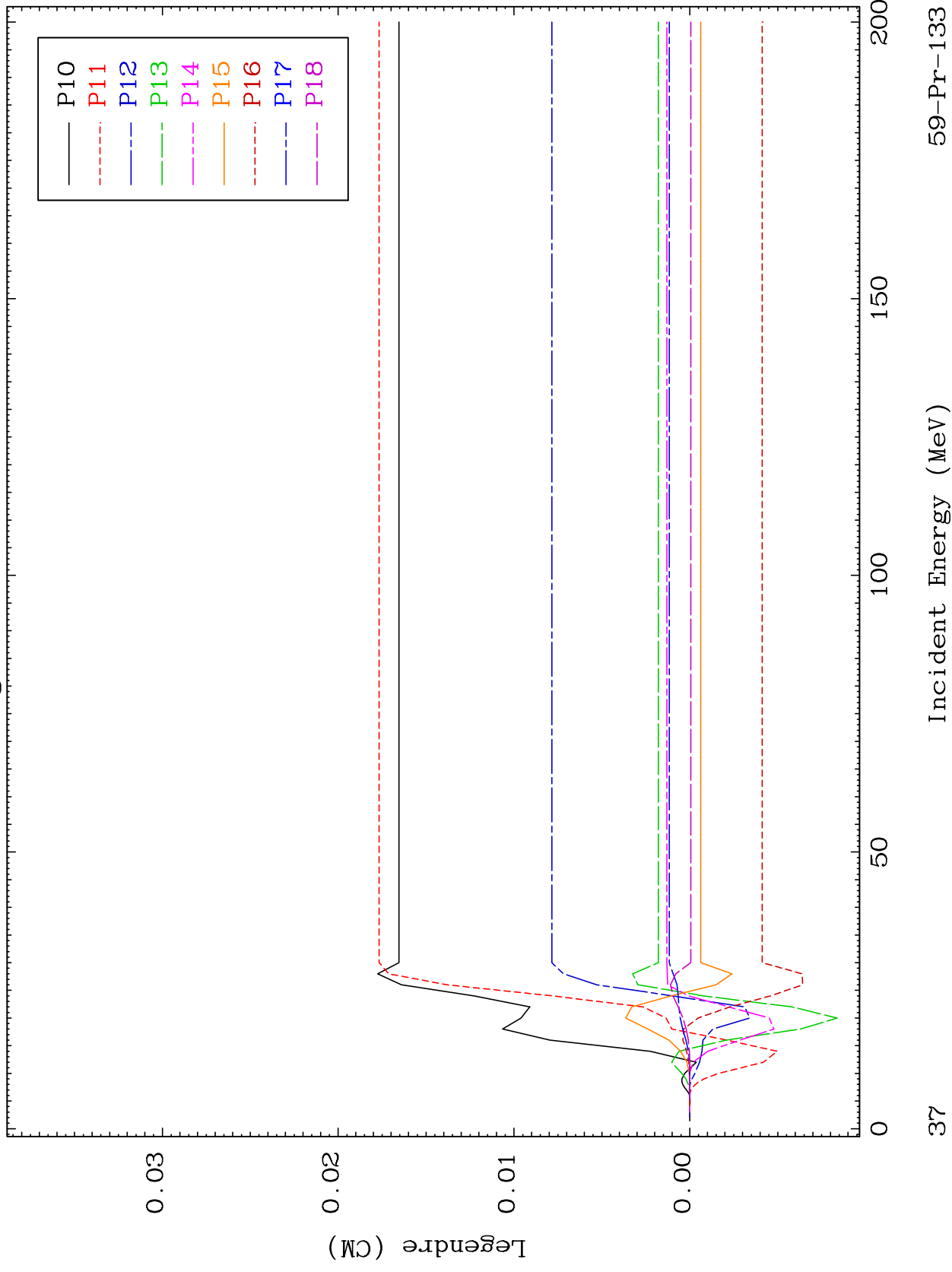
59-Pr-133



MAT 5901

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

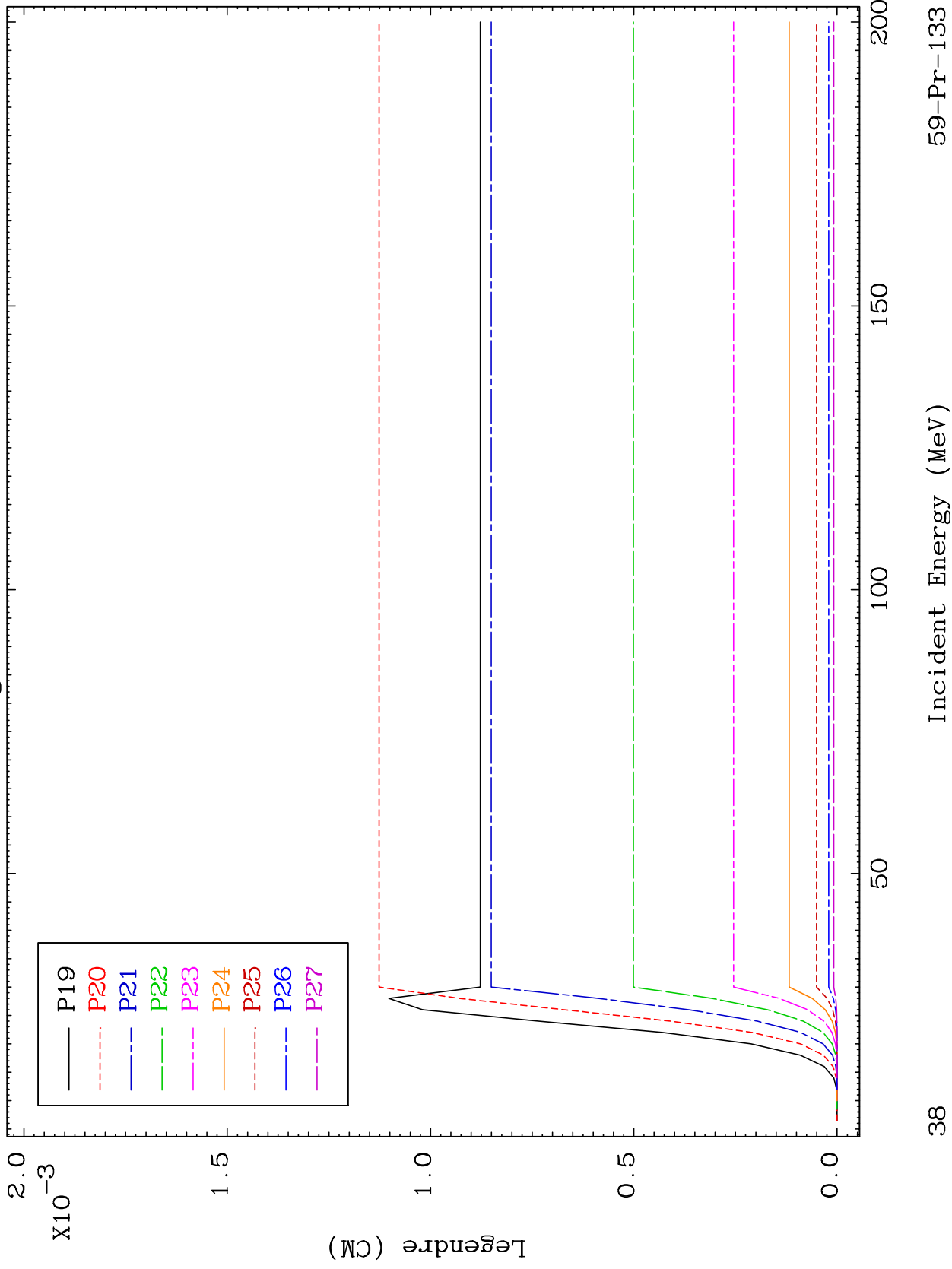
59-Pr-133



59-Pr-133

Incident Energy (MeV)

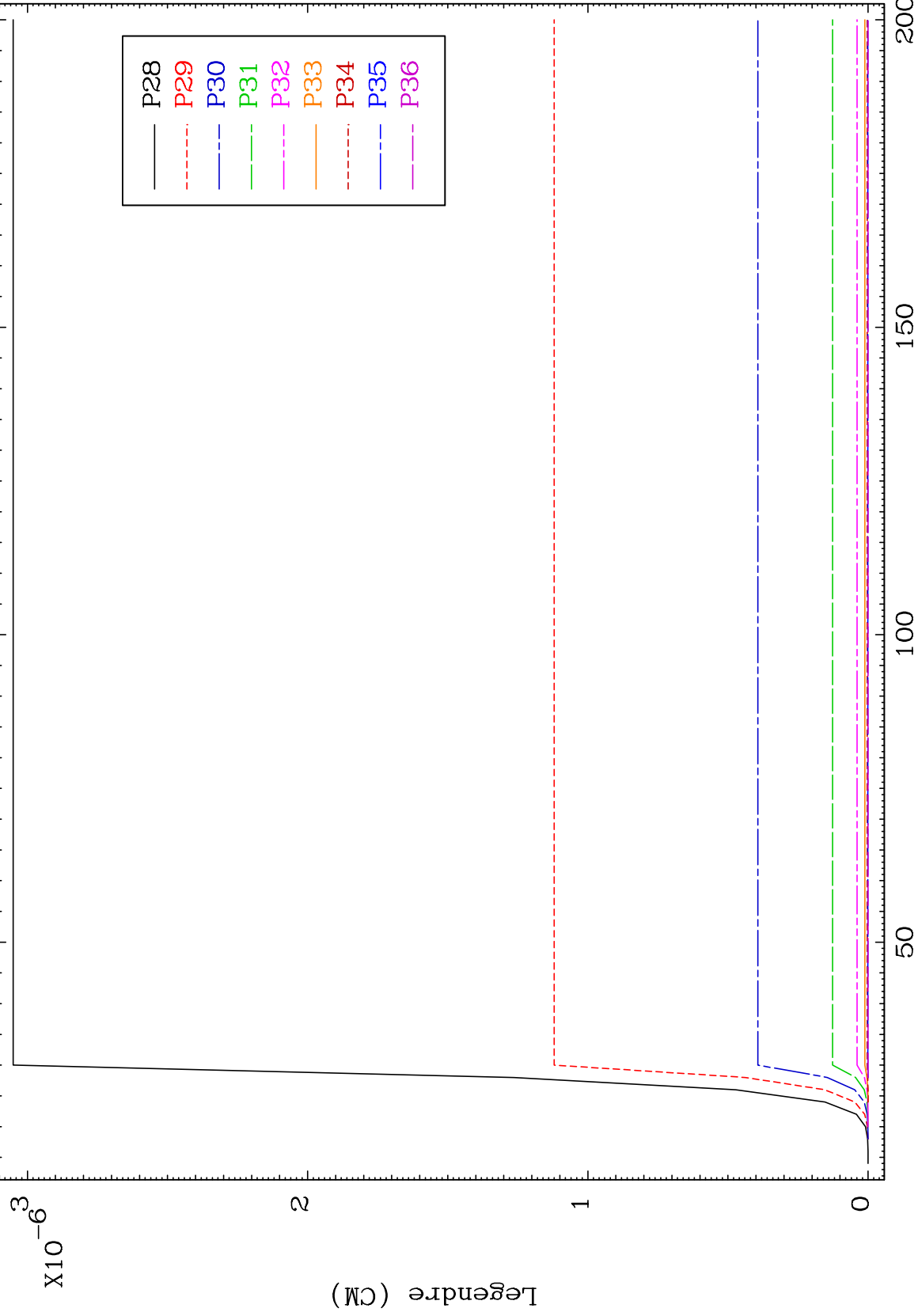
37



MAT 5901

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

59-Pr-133



39

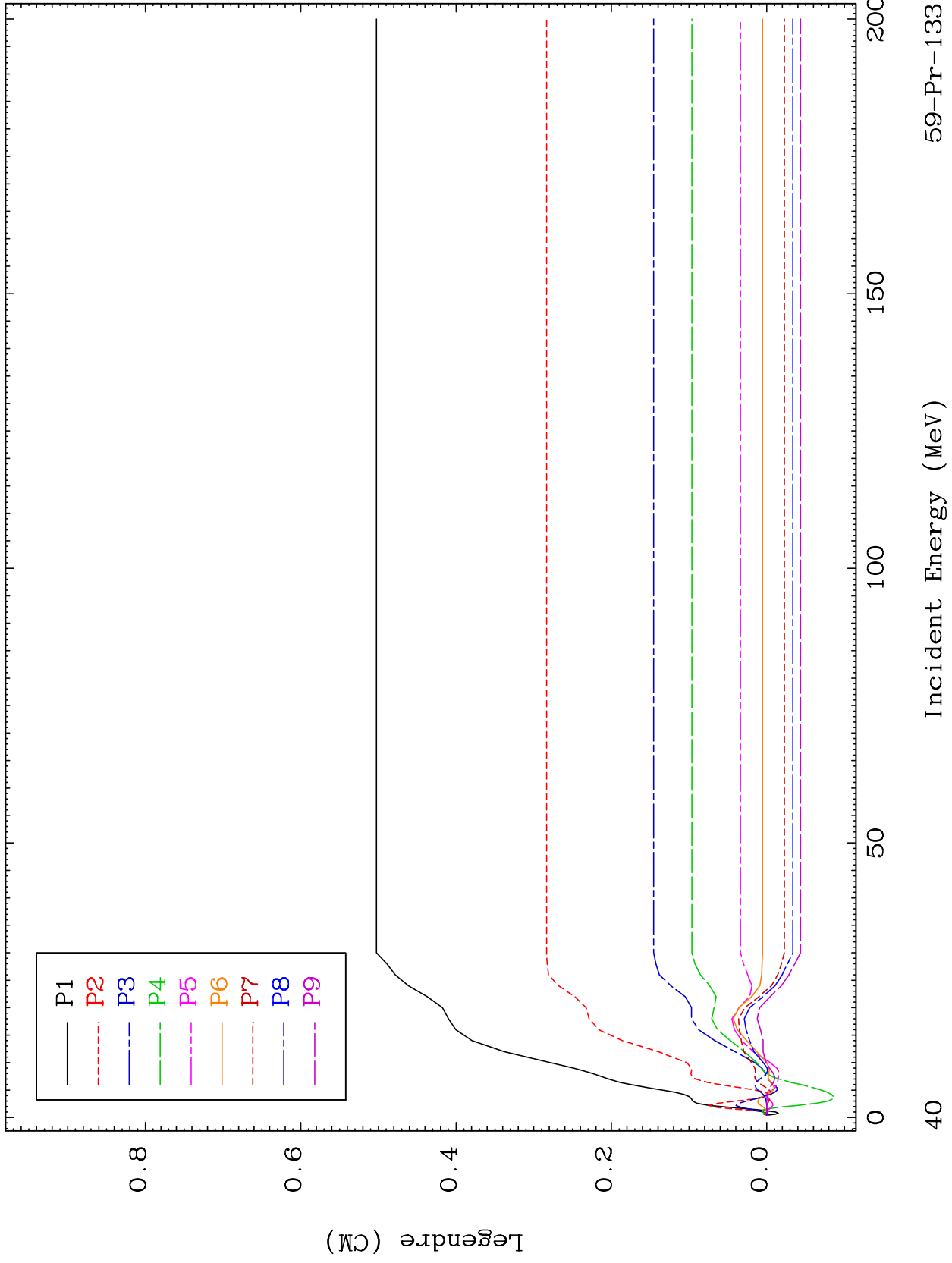
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



59-Pr-133

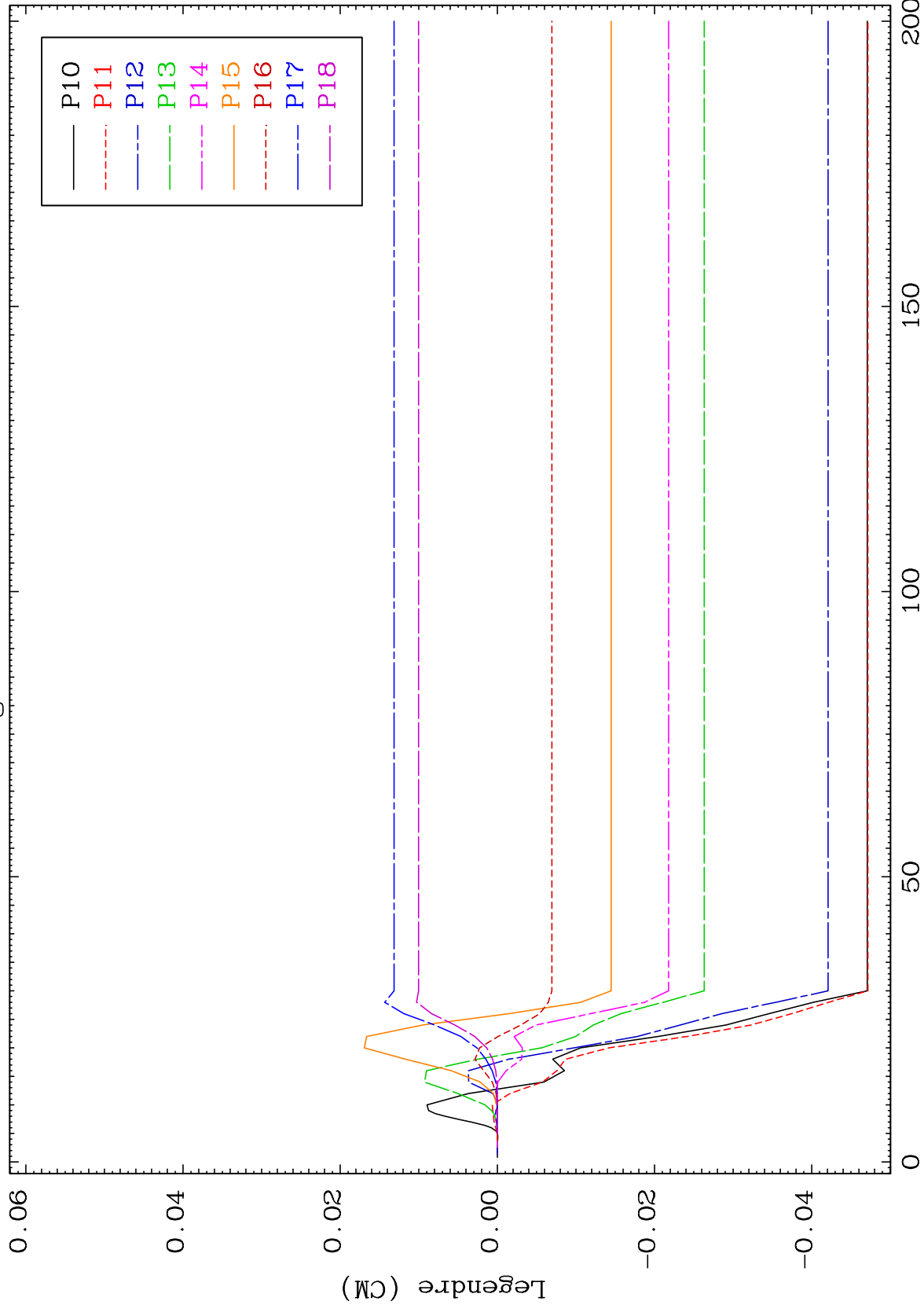
Incident Energy (MeV)

40

MAT 5901

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

59-Pr-133



41

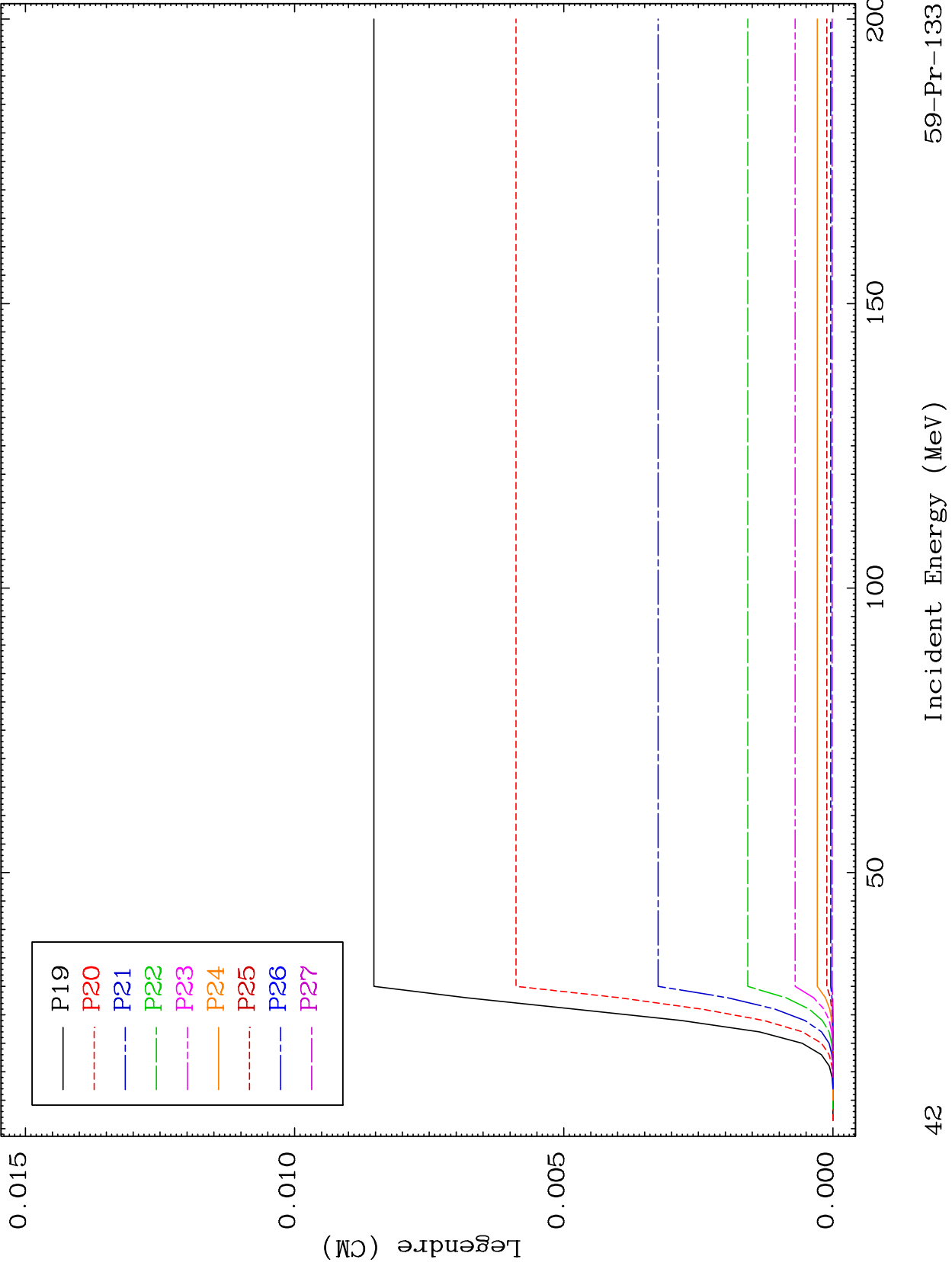
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



42

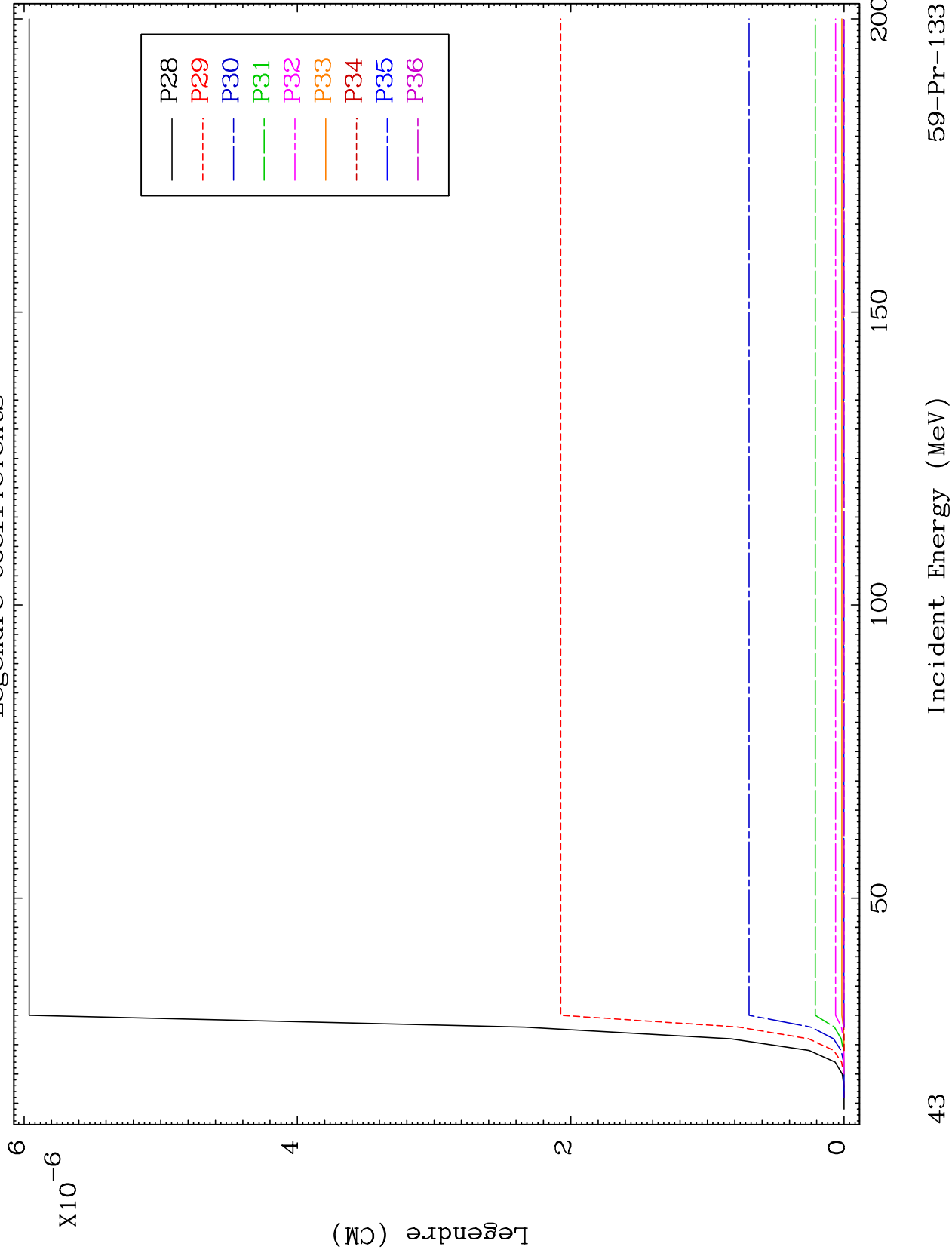
Incident Energy (MeV)

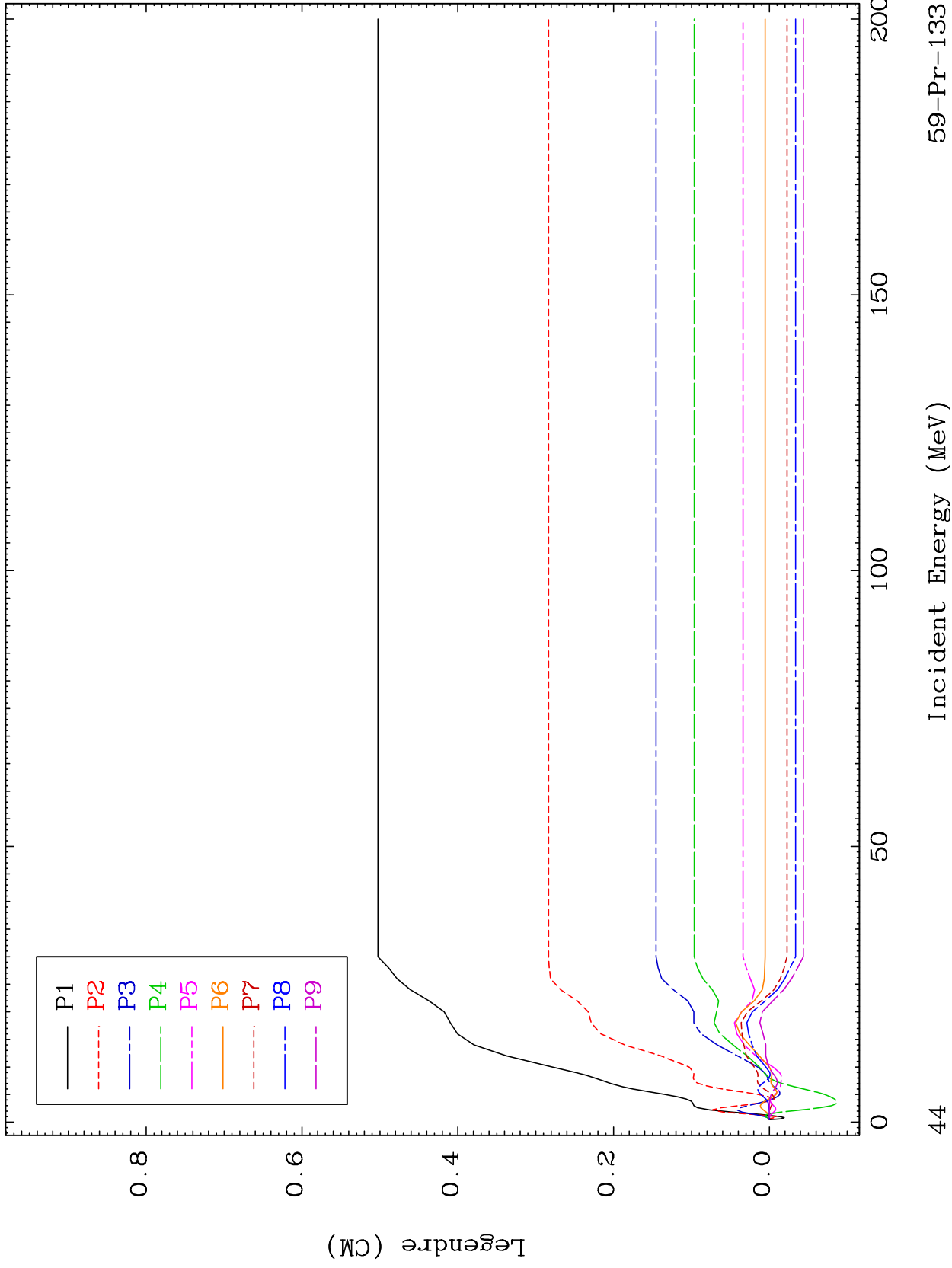
59-Pr-133

MAT 5901

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

59-Pr-133

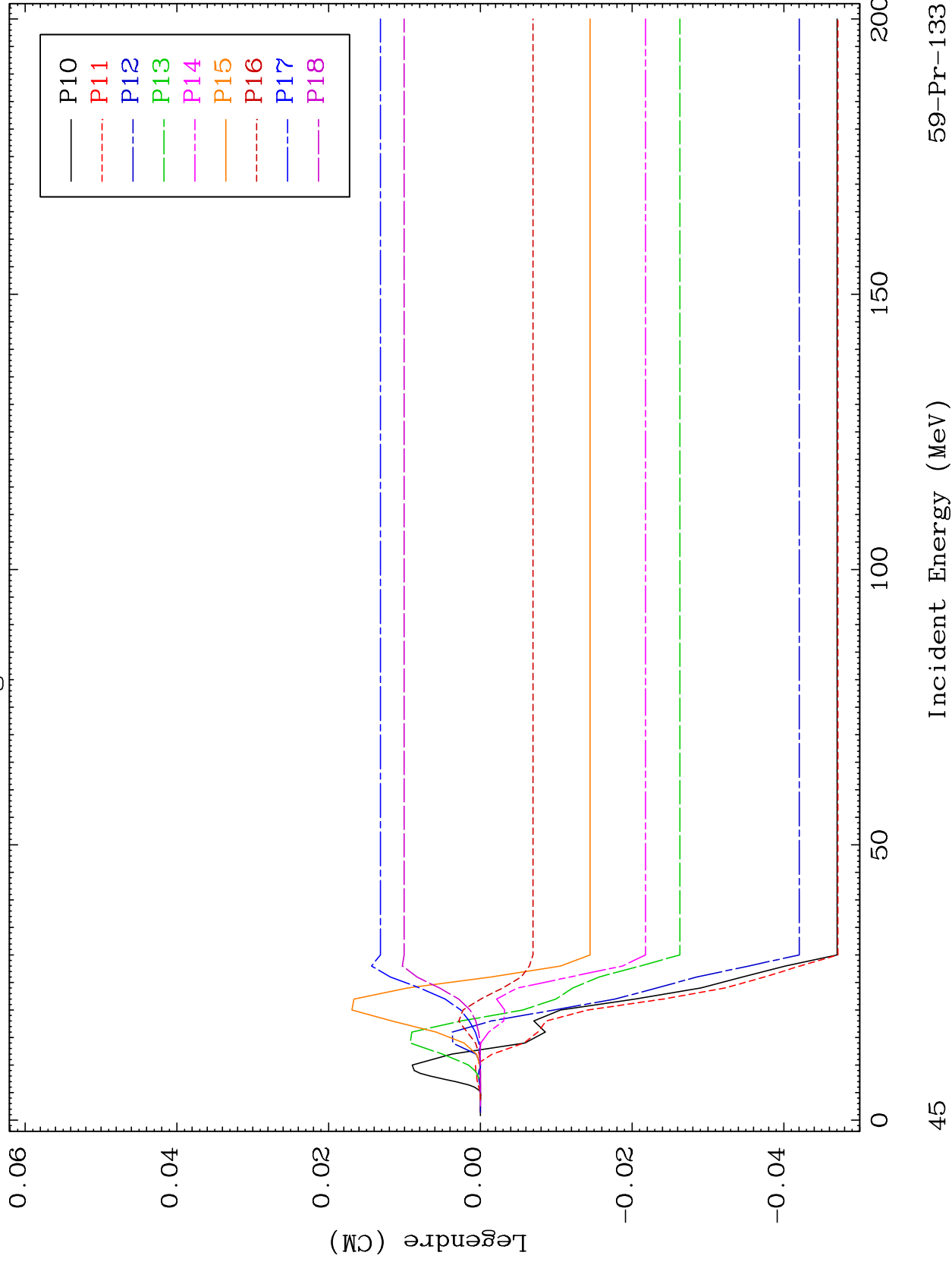




MAT 5901

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

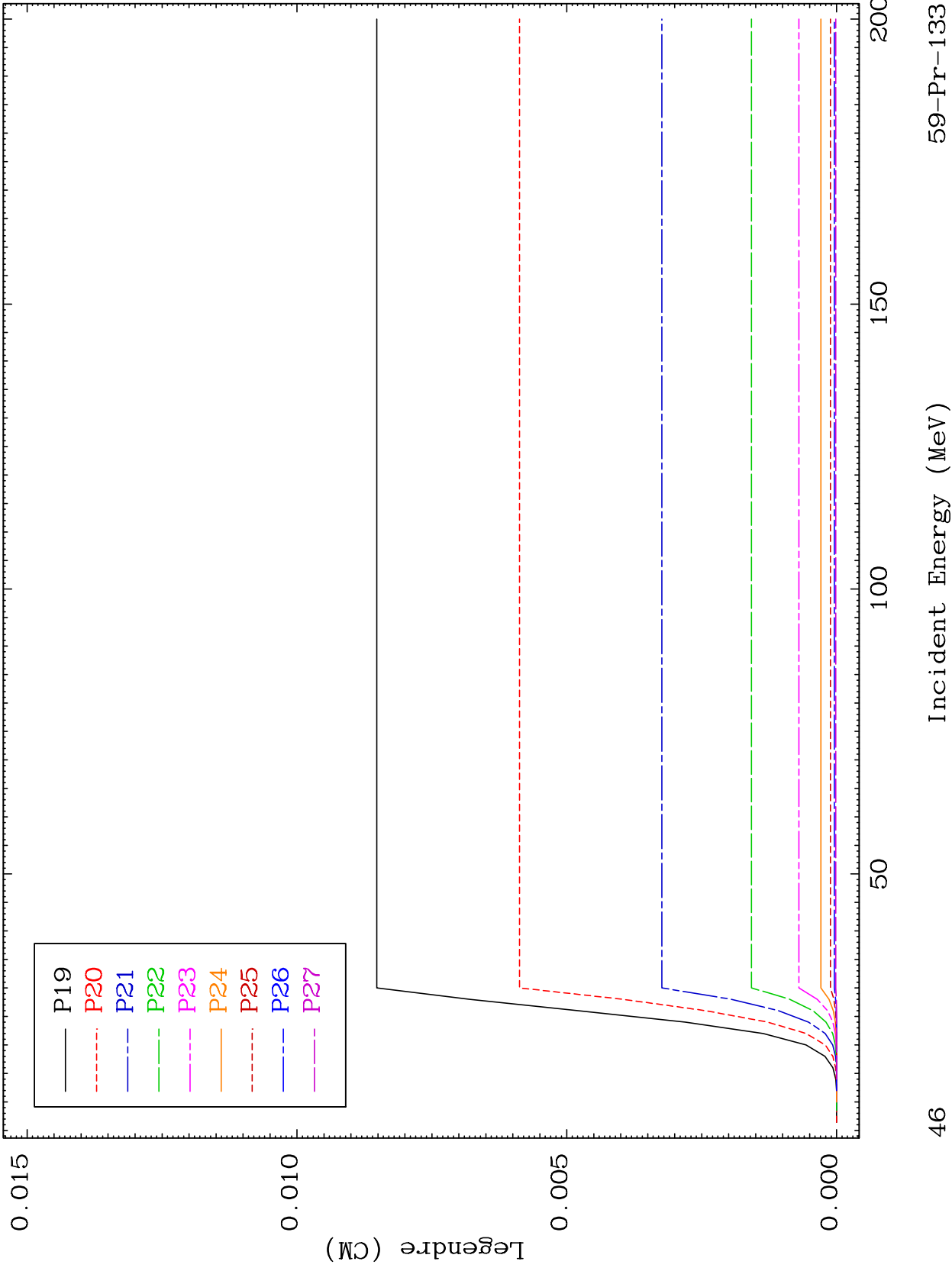
59-Pr-133



59-Pr-133

Incident Energy (MeV)

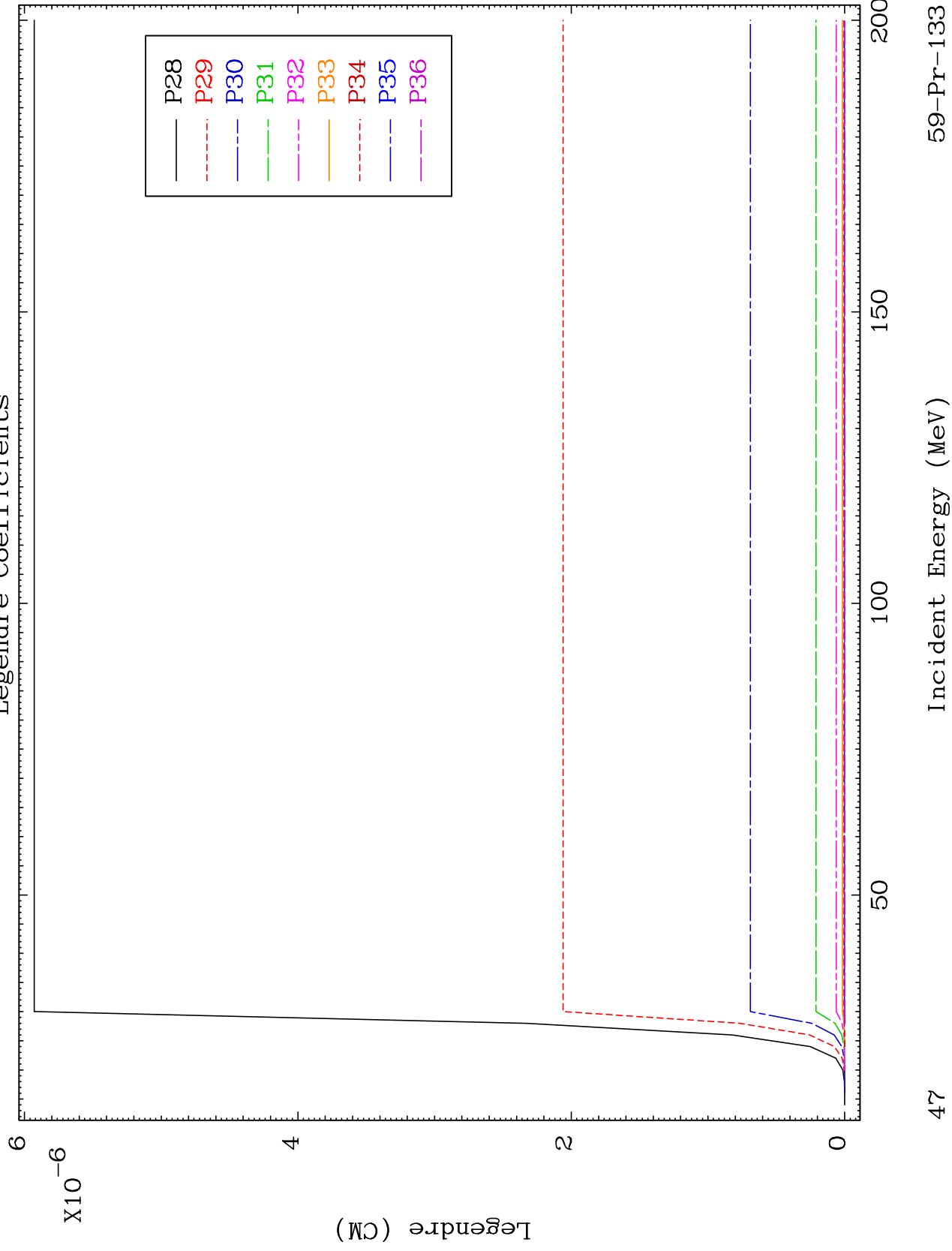
45



MAT 5901

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

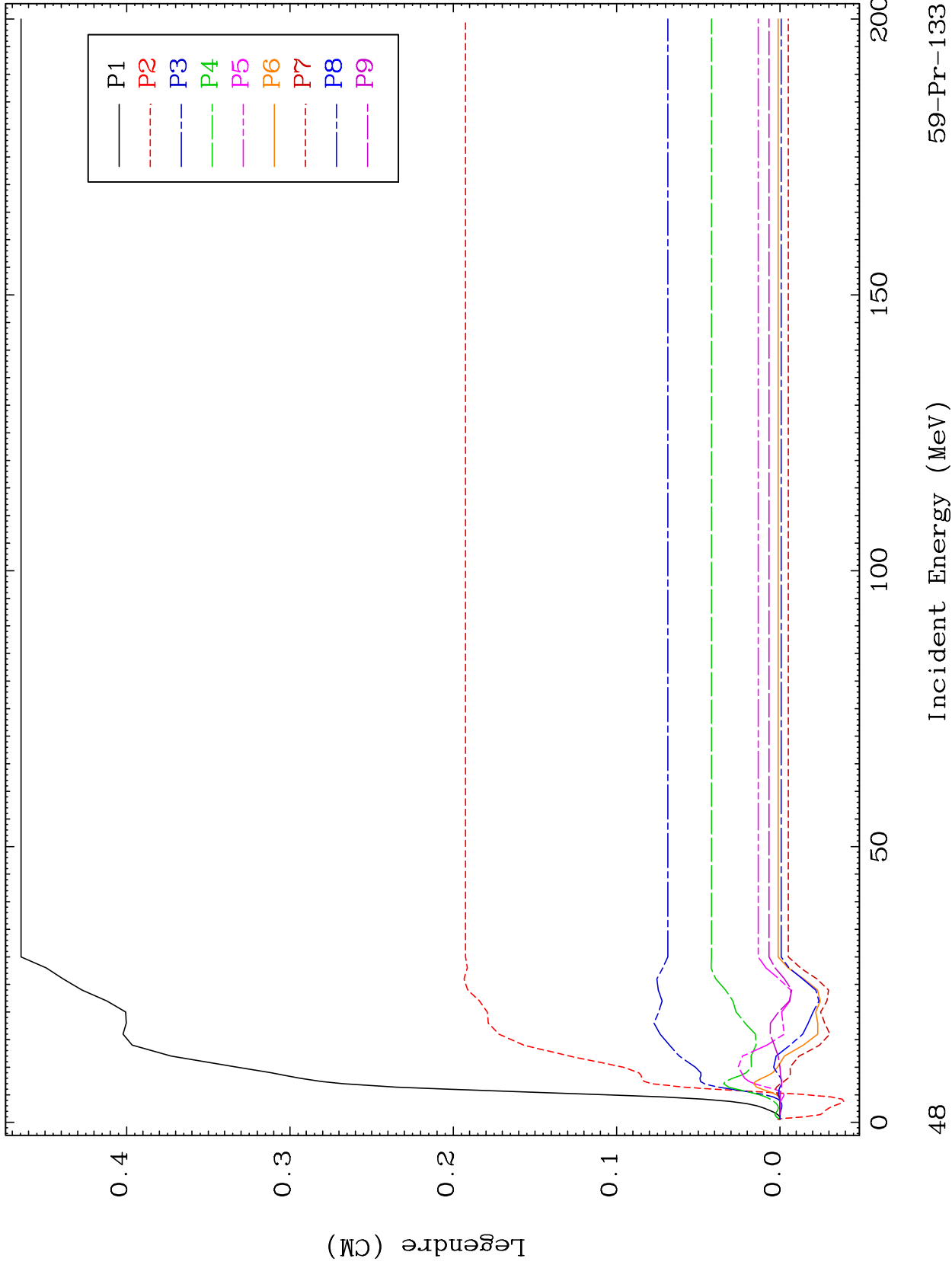
59-Pr-133



MAT 5901

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

59-Pr-133



59-Pr-133

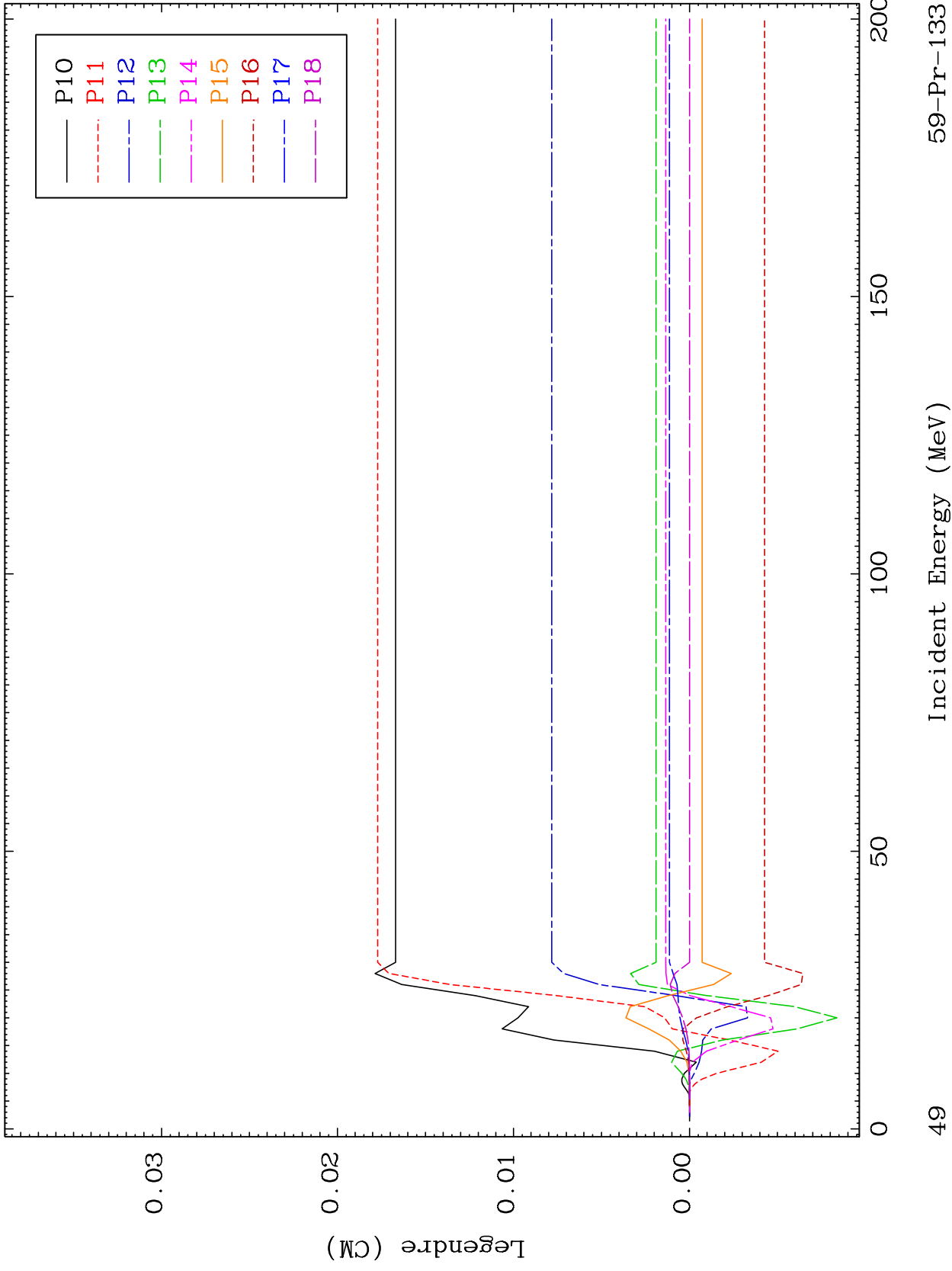
Incident Energy (MeV)

48

MAT 5901

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

59-Pr-133



59-Pr-133

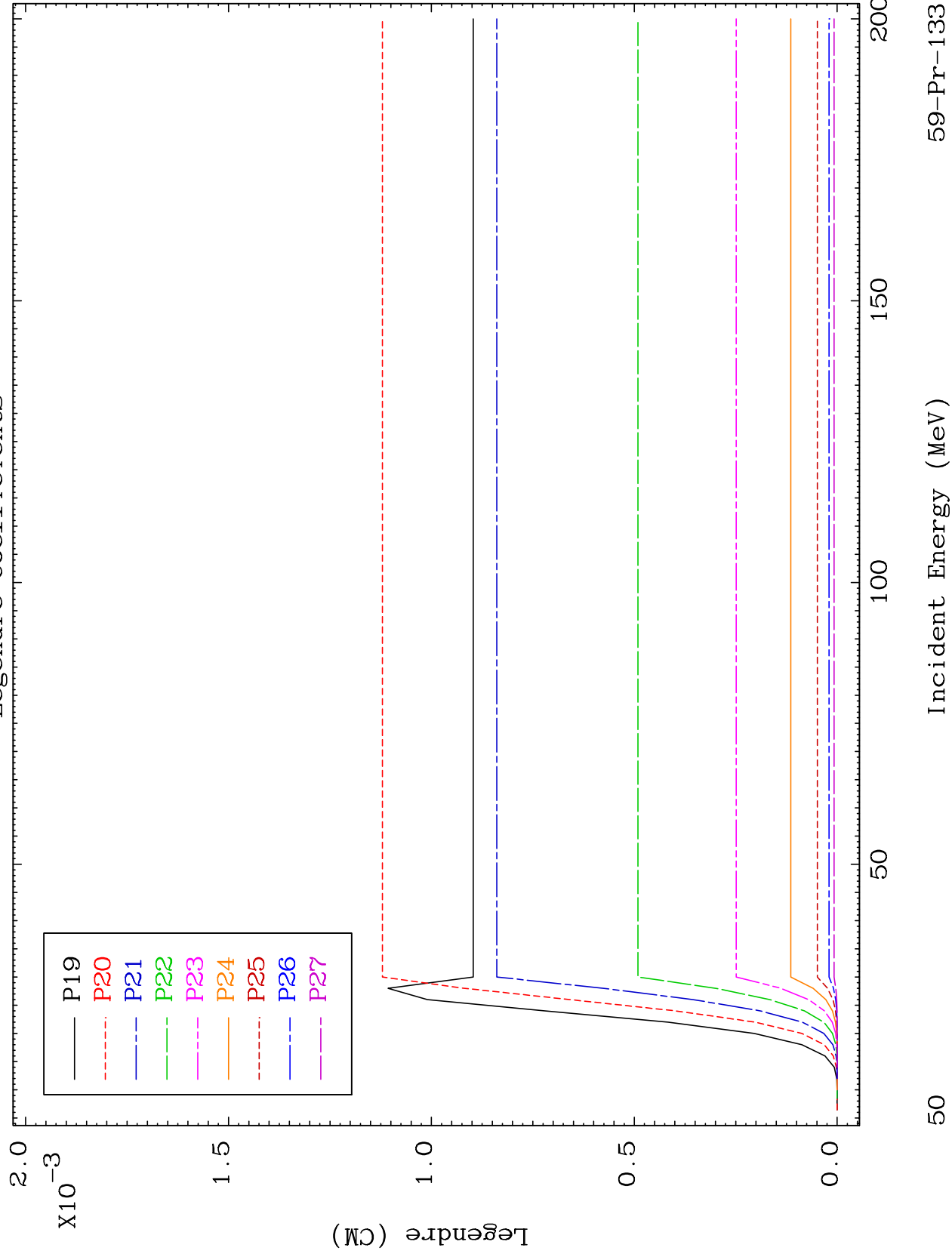
Incident Energy (MeV)

49

MAT 5901

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

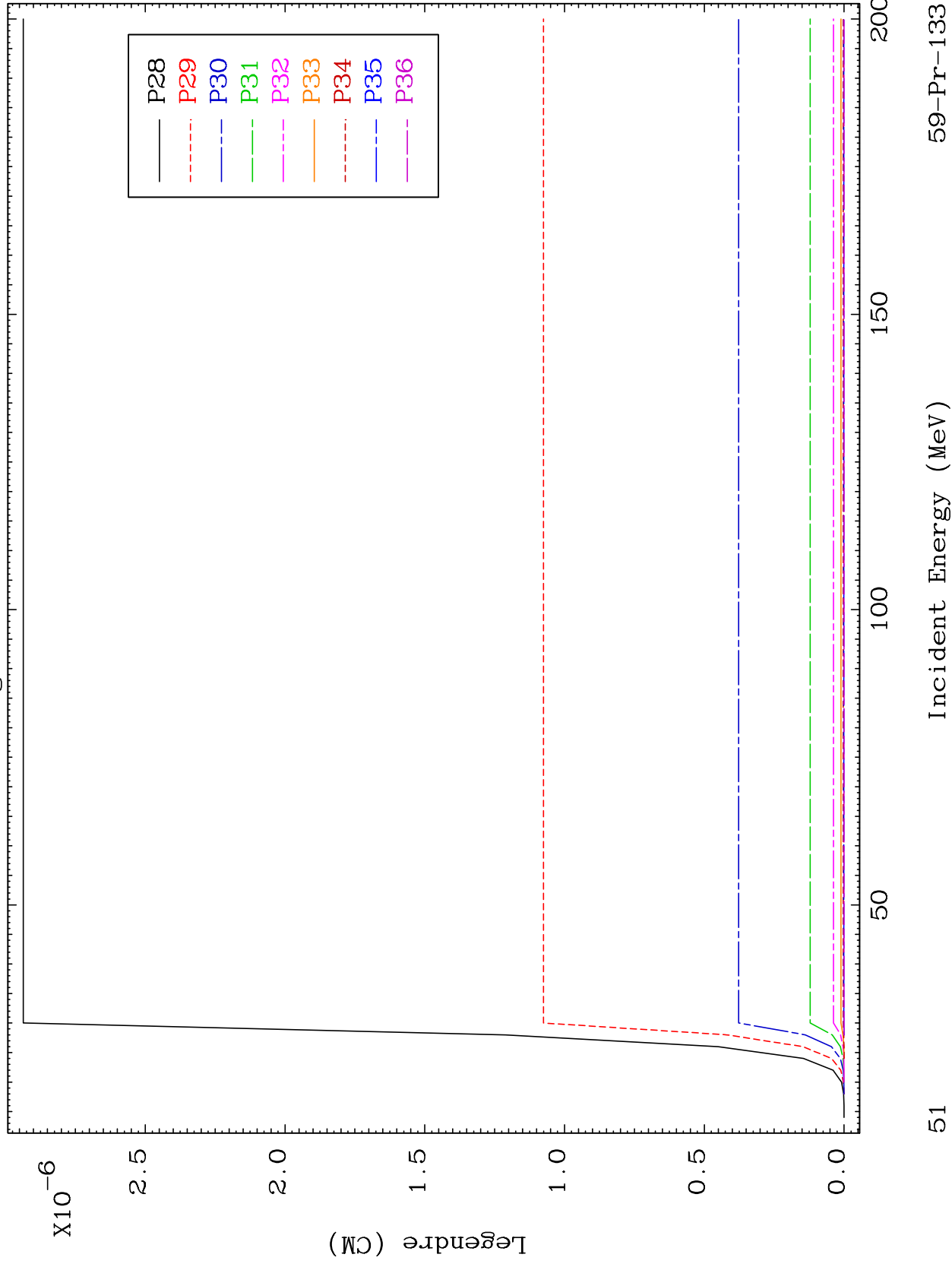
59-Pr-133

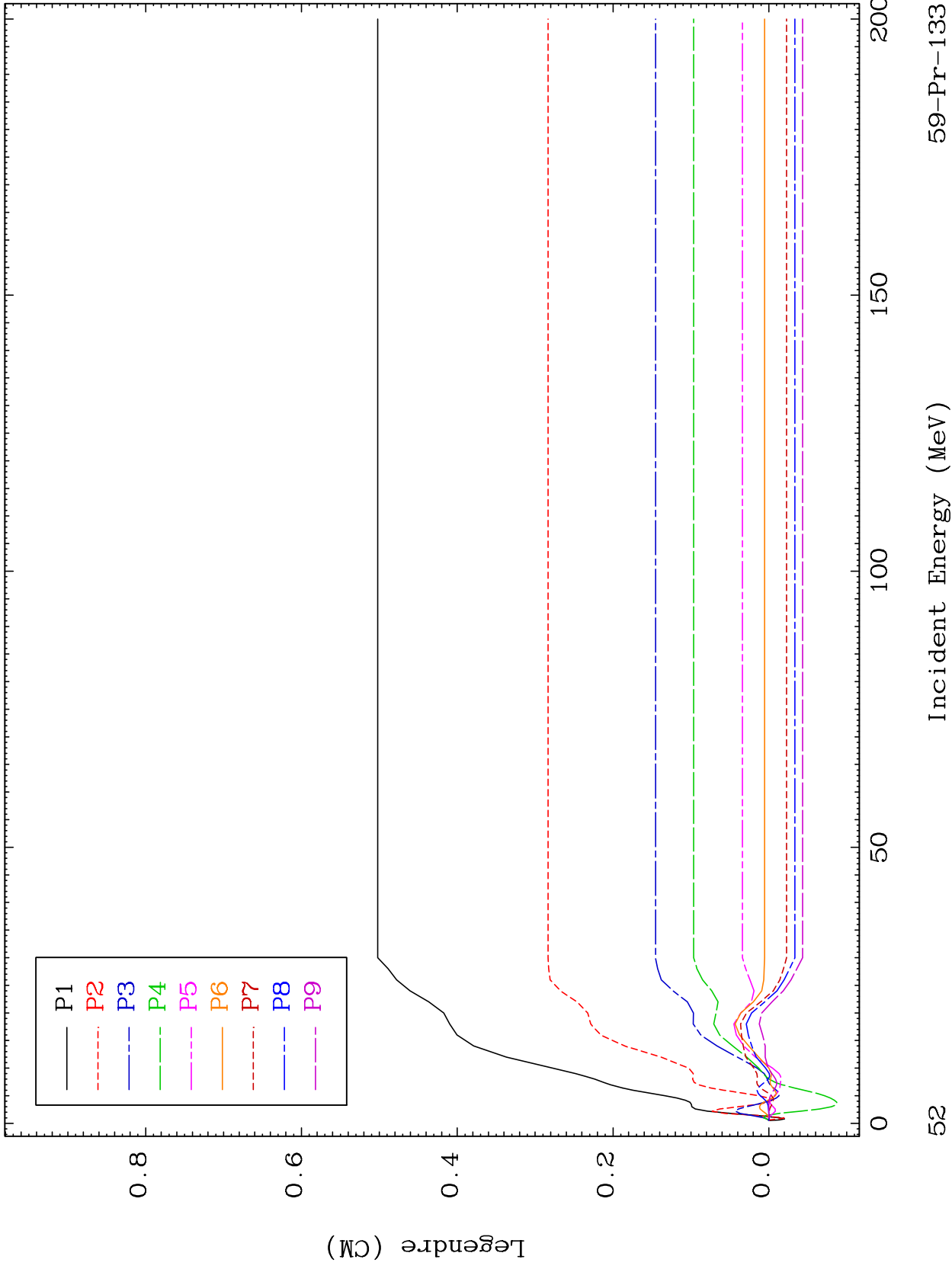


59-Pr-133

Incident Energy (MeV)

50

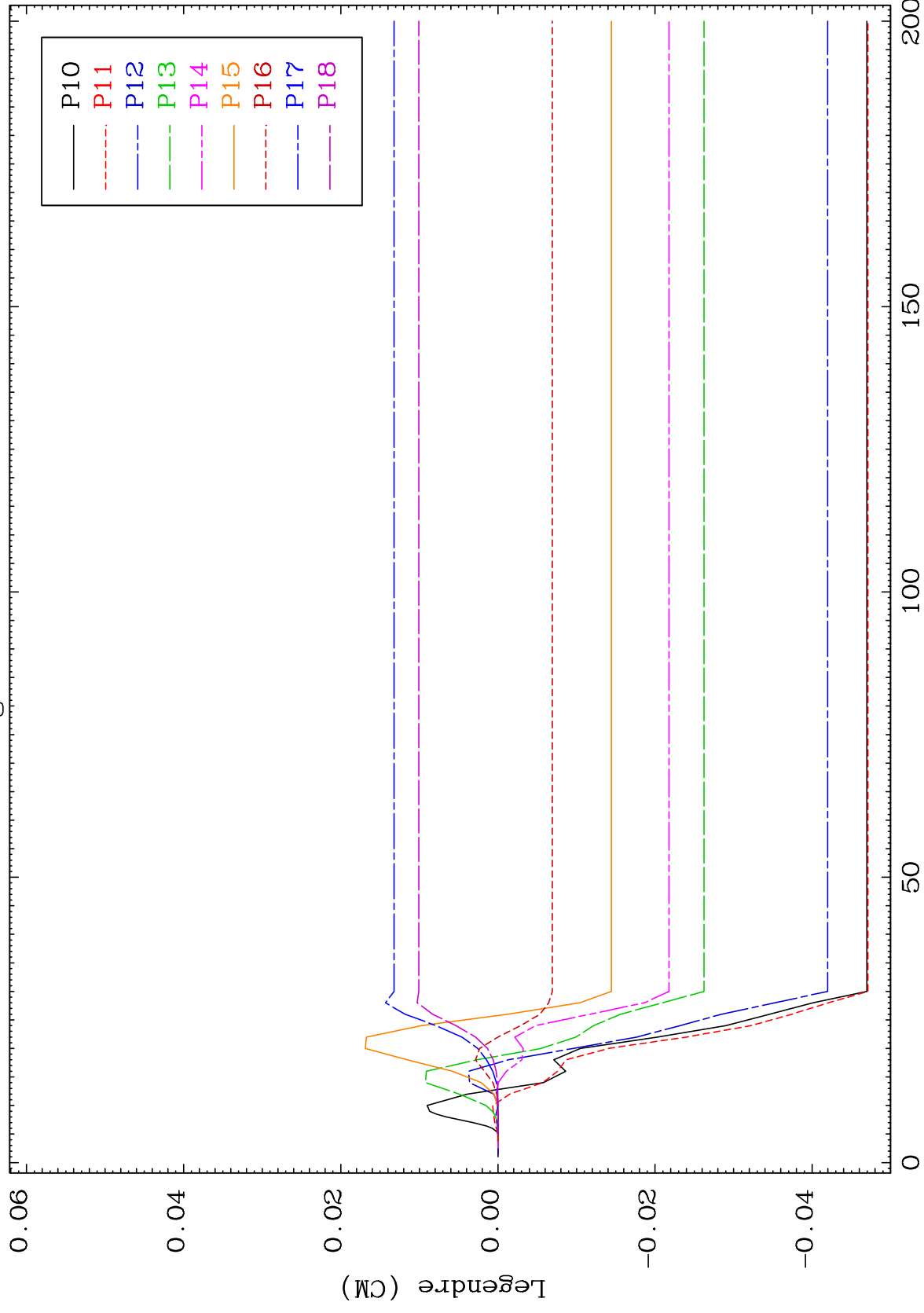




MAT 5901

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

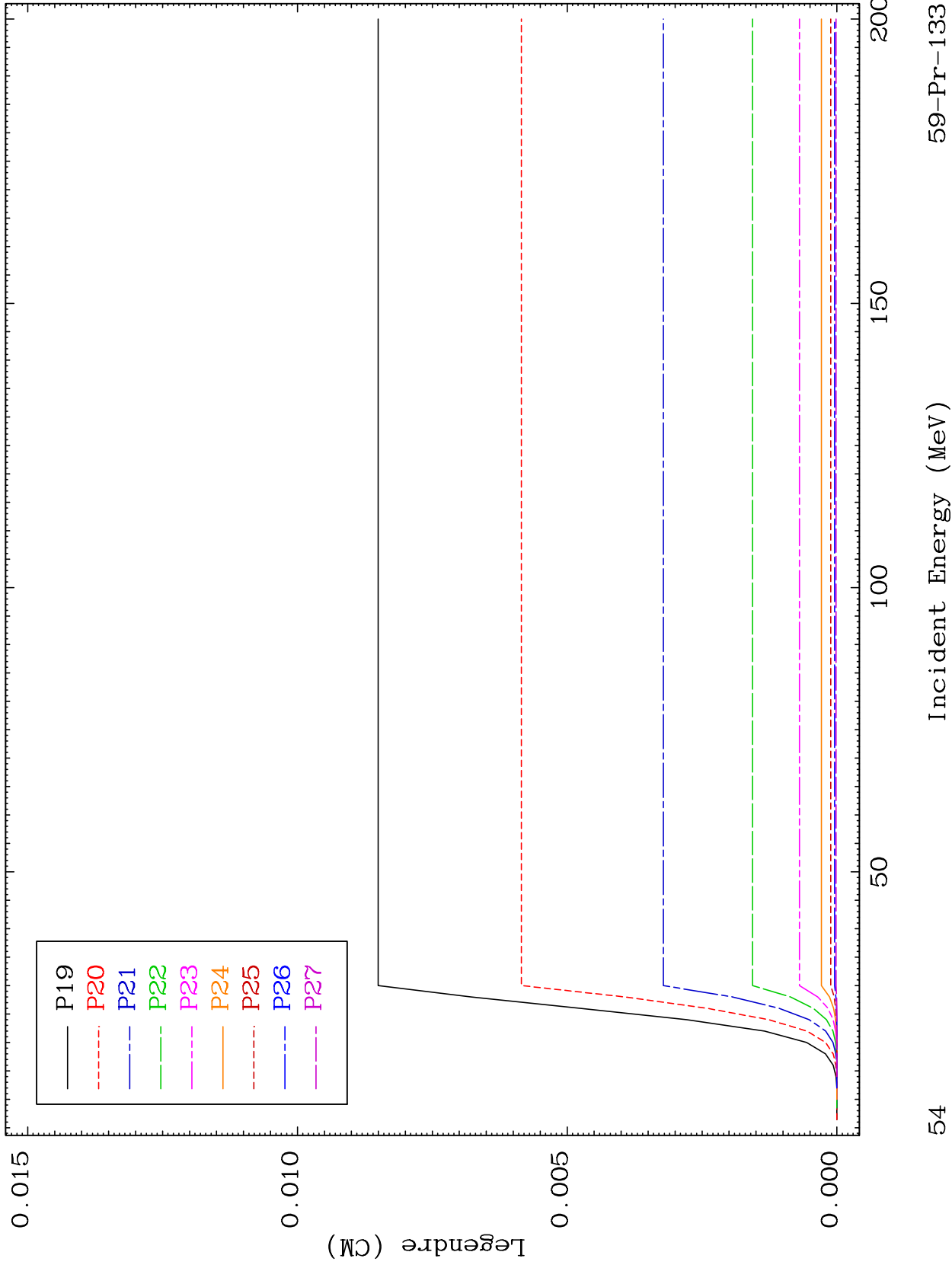
59-Pr-133



53

Incident Energy (MeV)

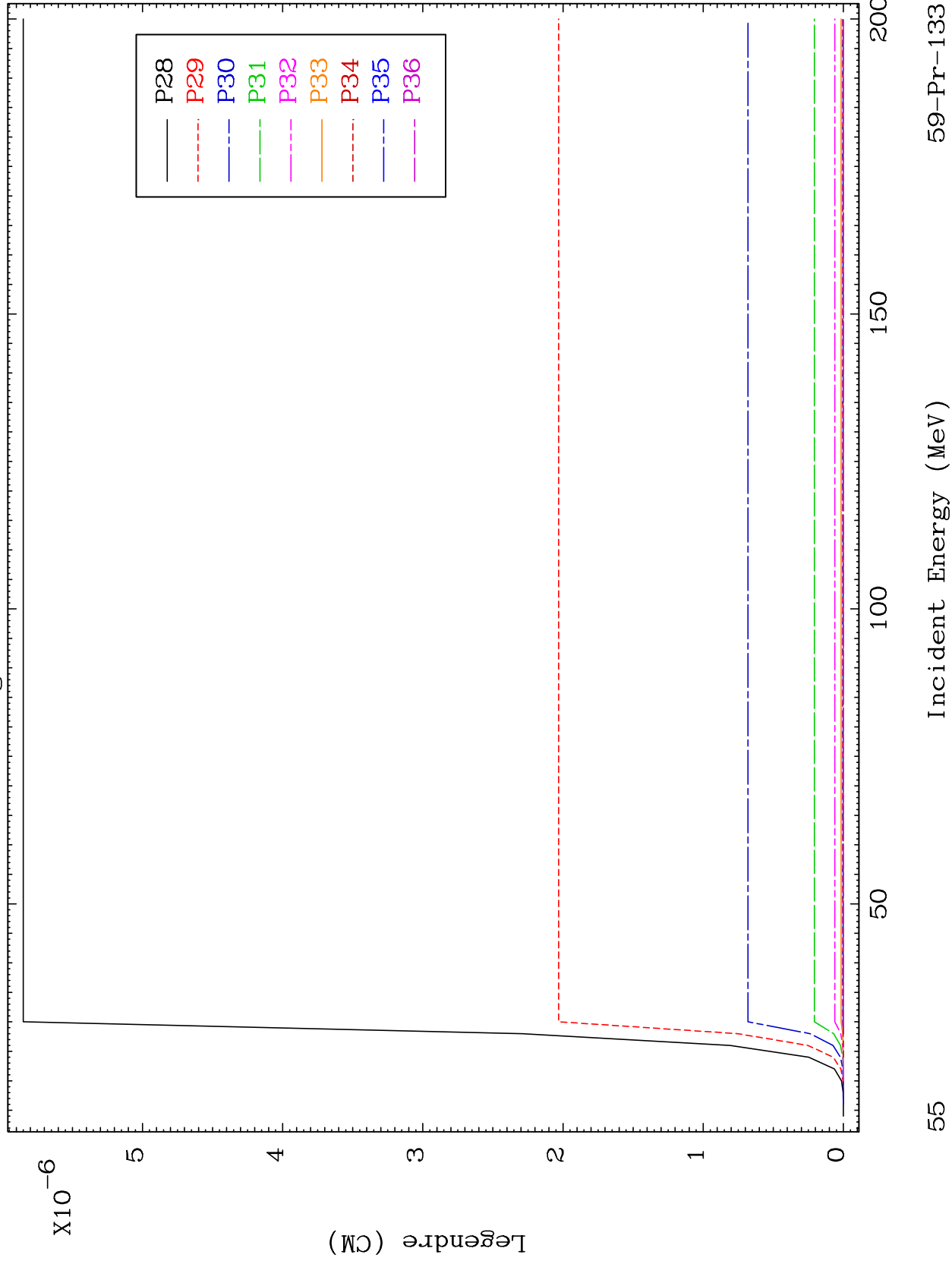
59-Pr-133



MAT 5901

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

59-Pr-133



55

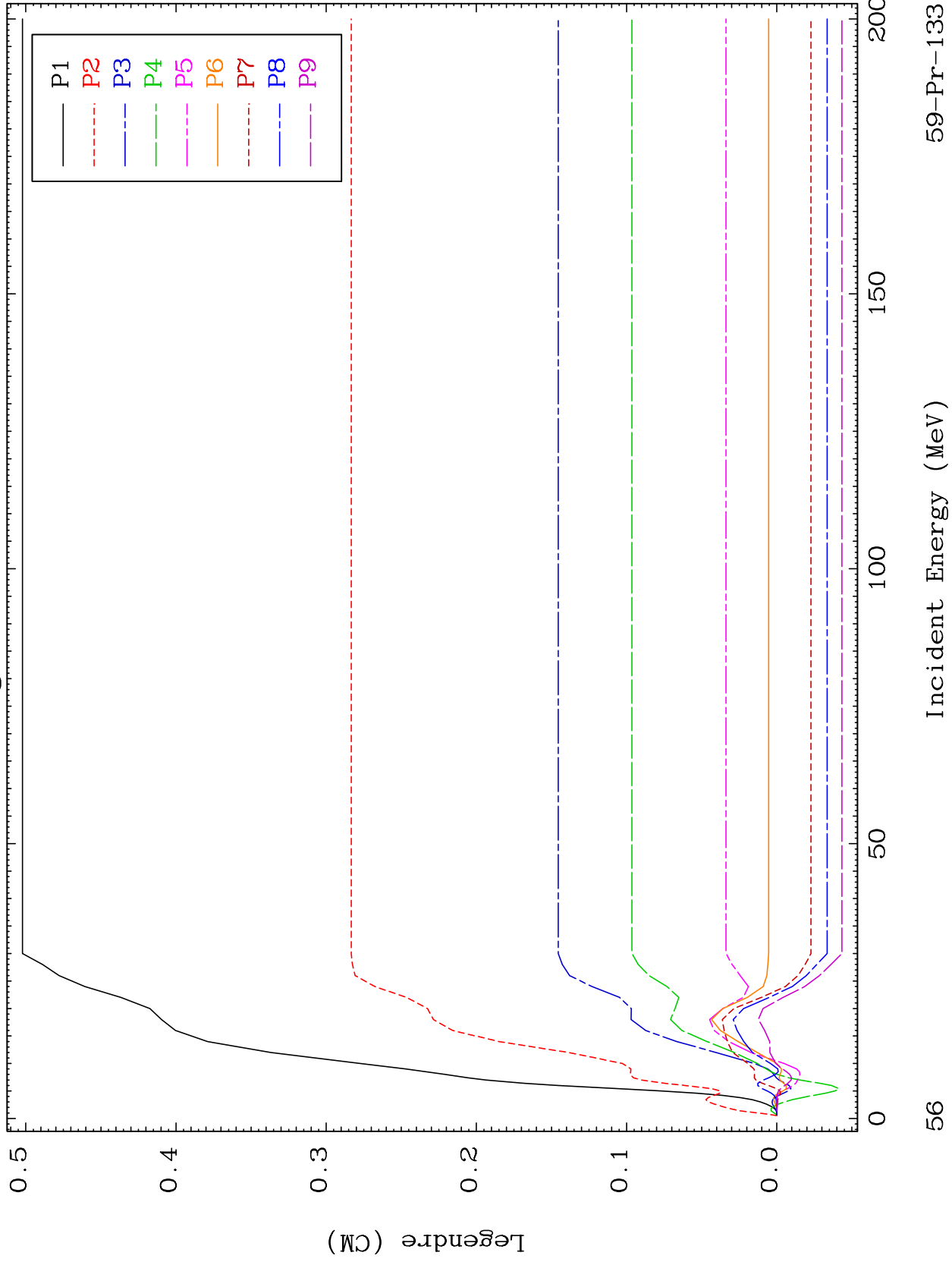
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



59-Pr-133

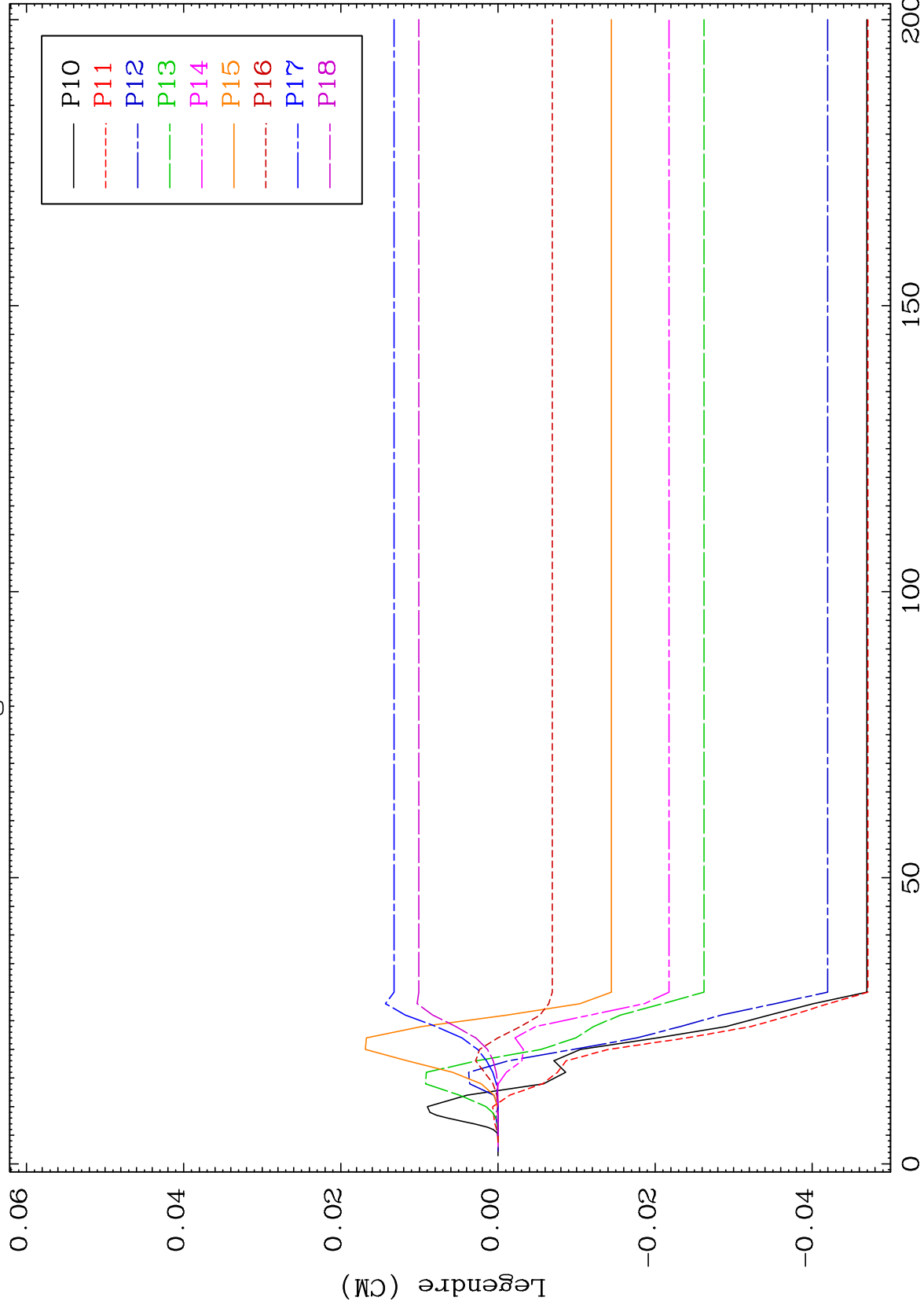
Incident Energy (MeV)

56

MAT 5901

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

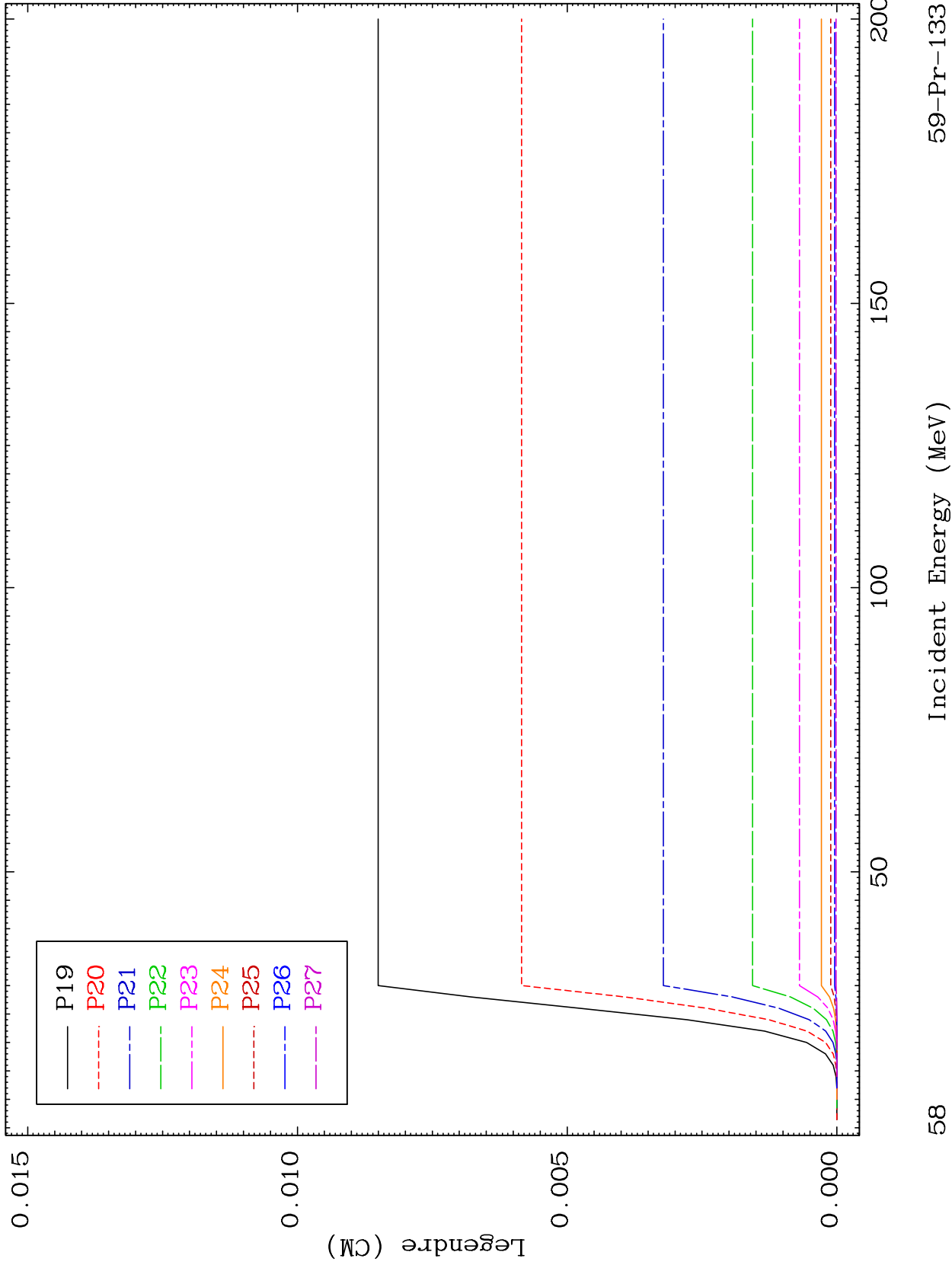
59-Pr-133



57

Incident Energy (MeV)

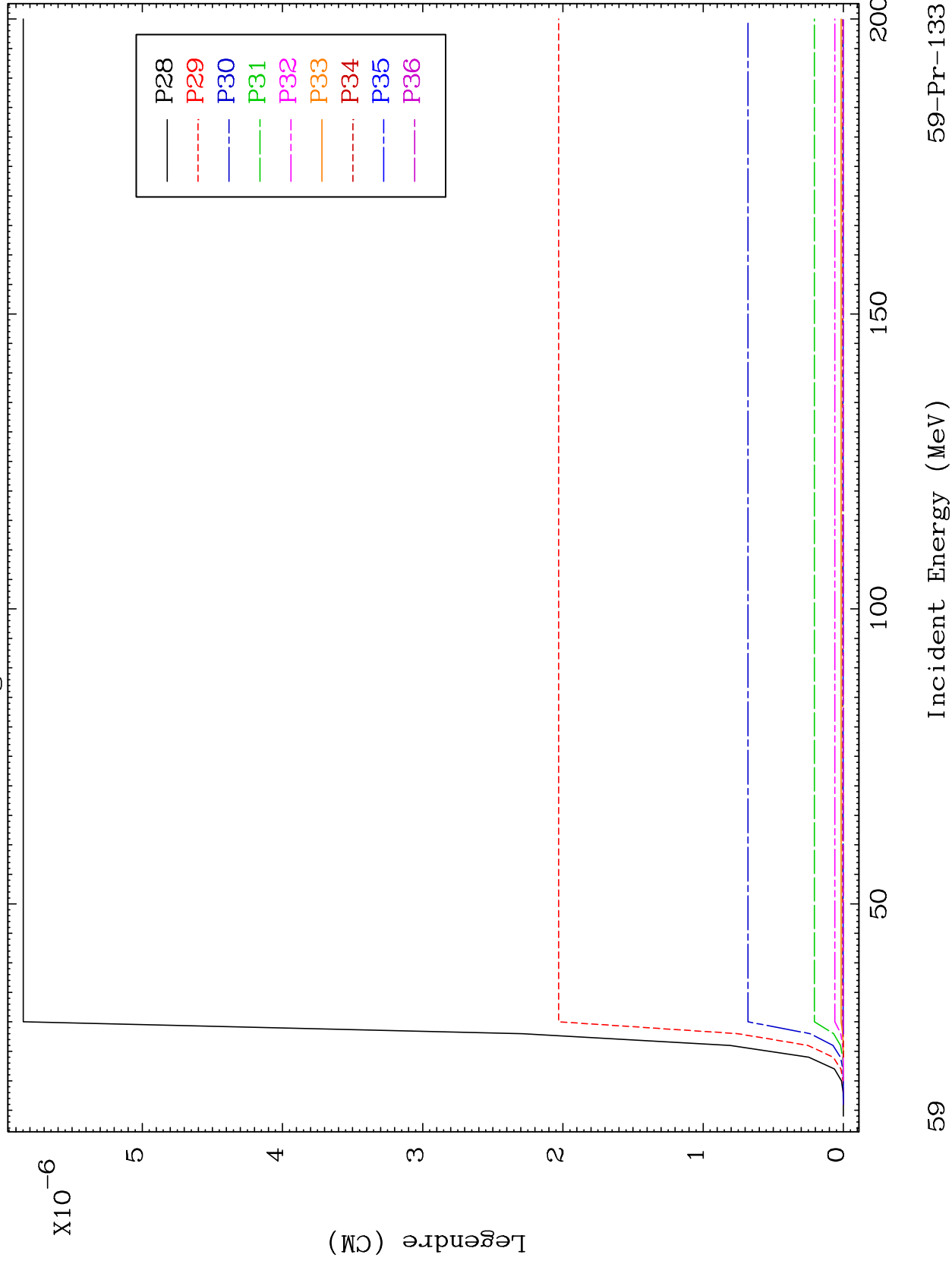
59-Pr-133



MAT 5901

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

59-Pr-133



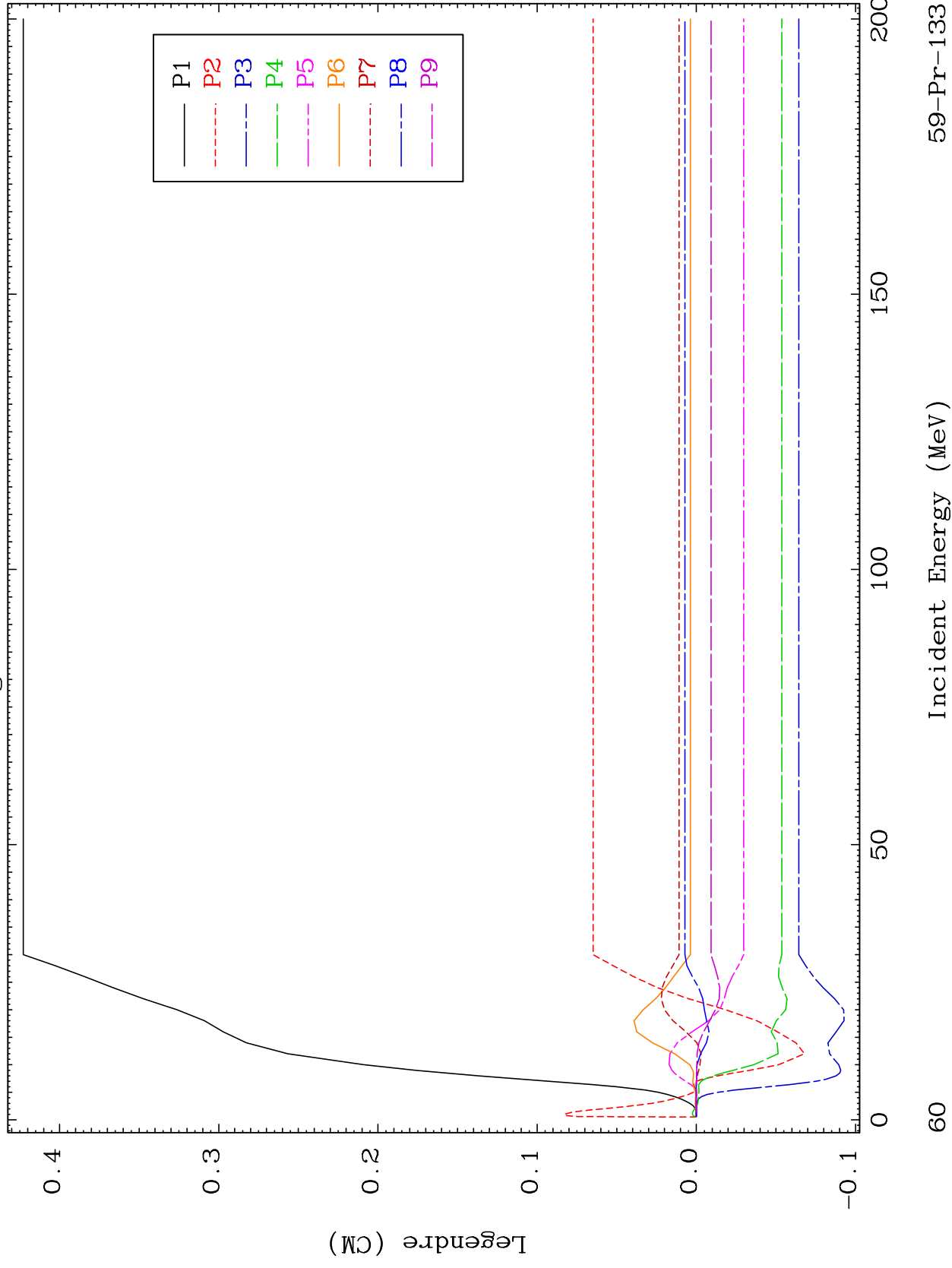
59

59-Pr-133

MAT 5901

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

59-Pr-133

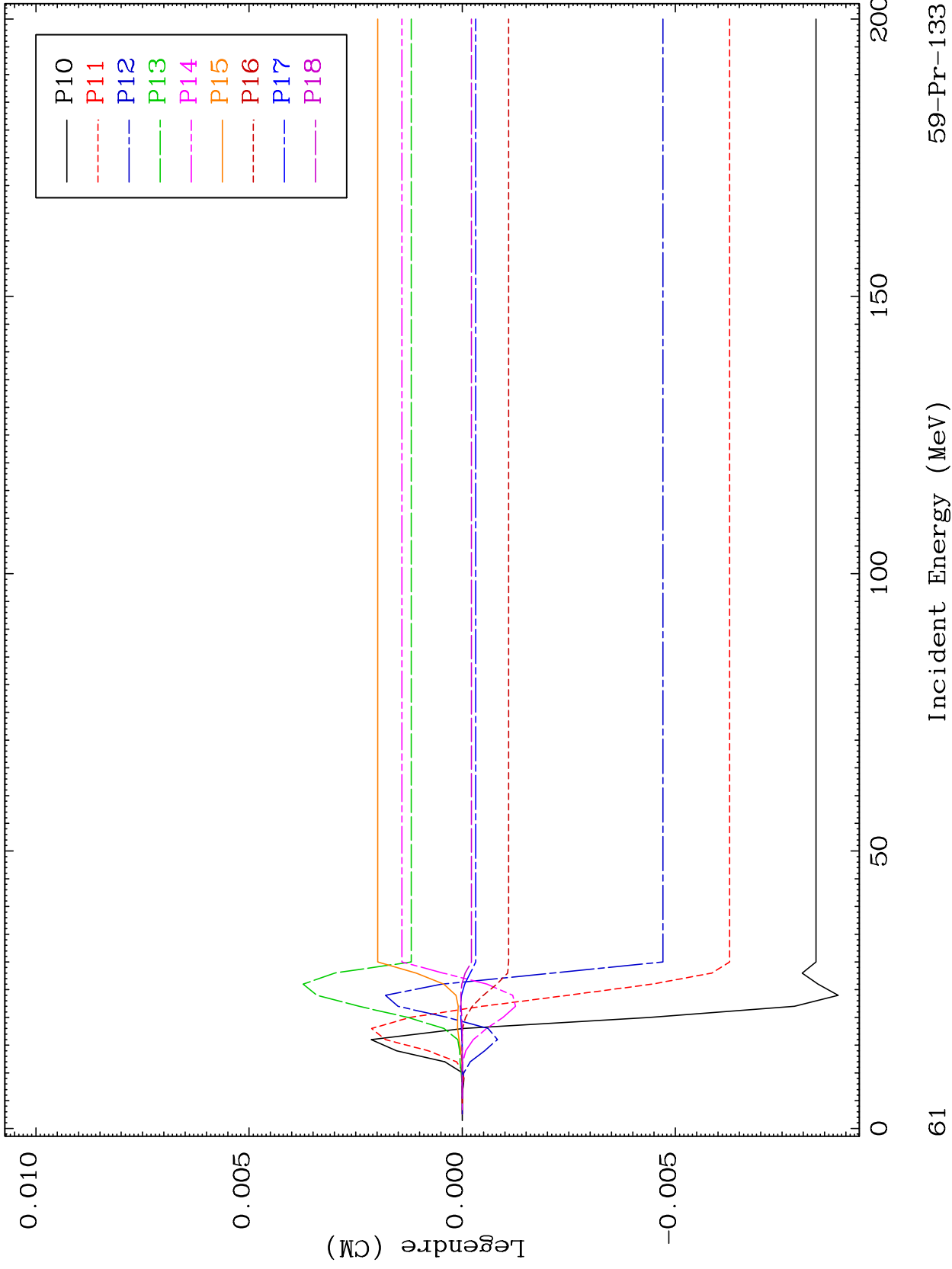


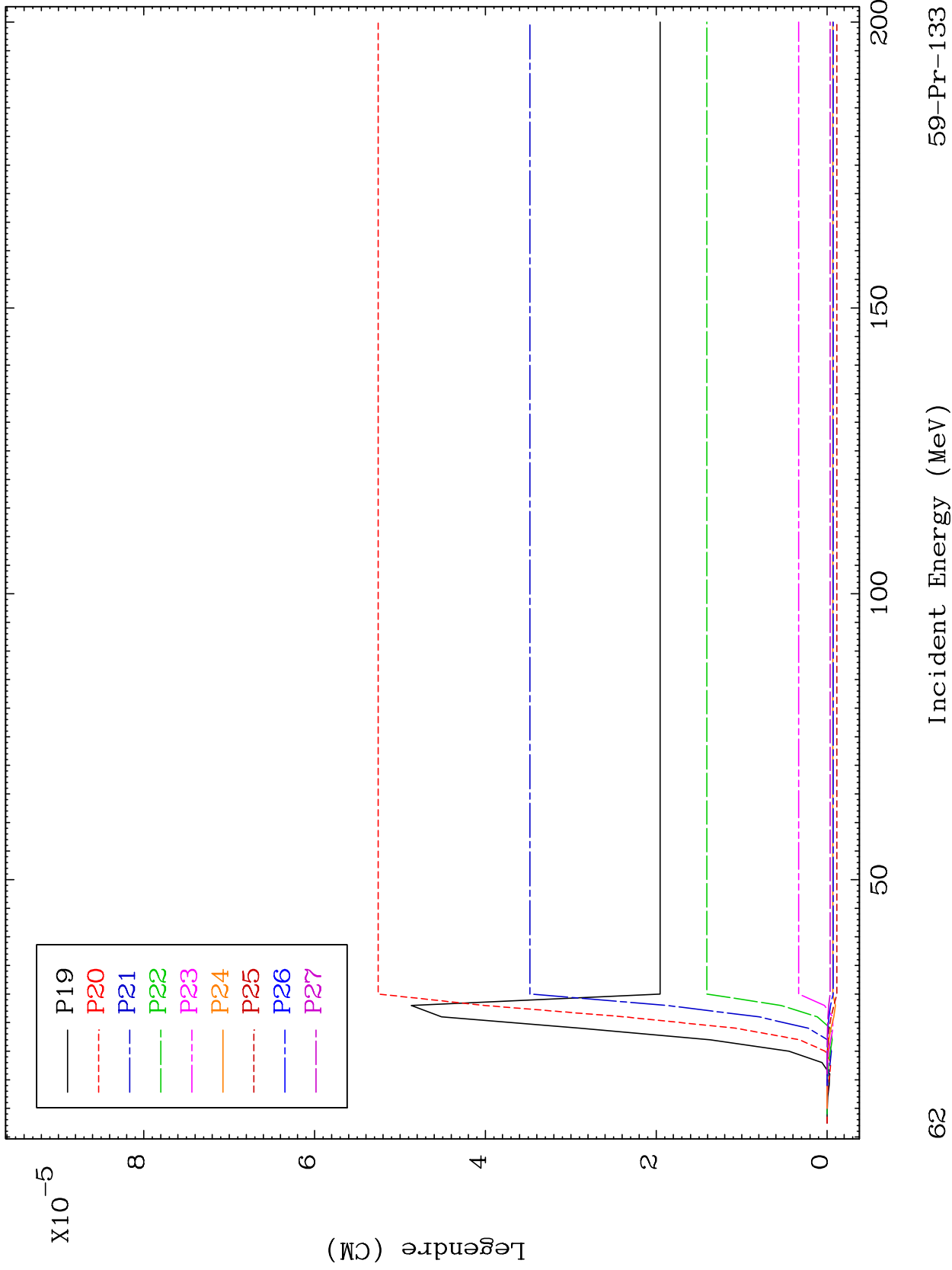
59-Pr-133

MAT 5901

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

59-Pr-133



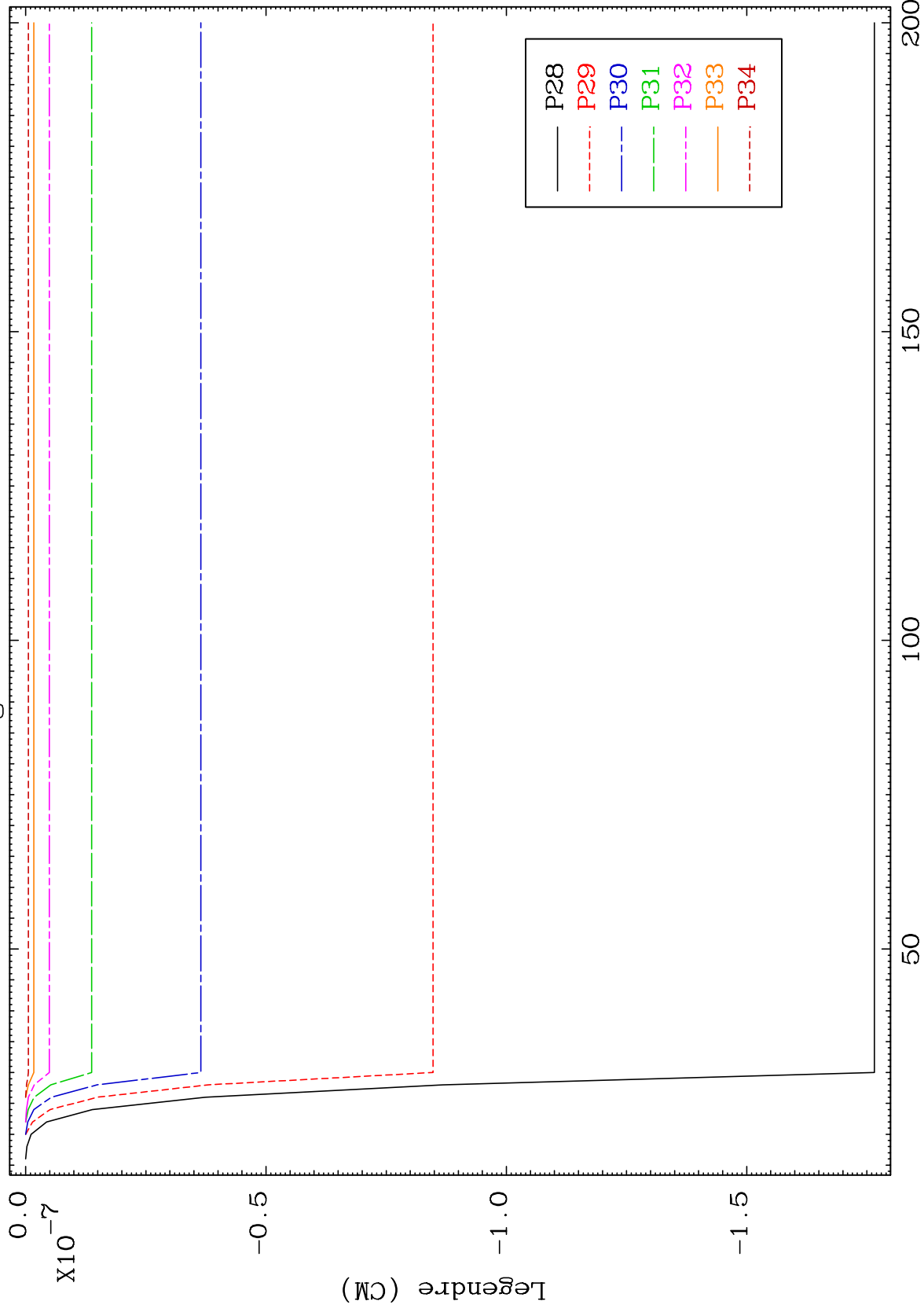


MAT 5901

MT= 61 (n,n') Level

59-Pr-133

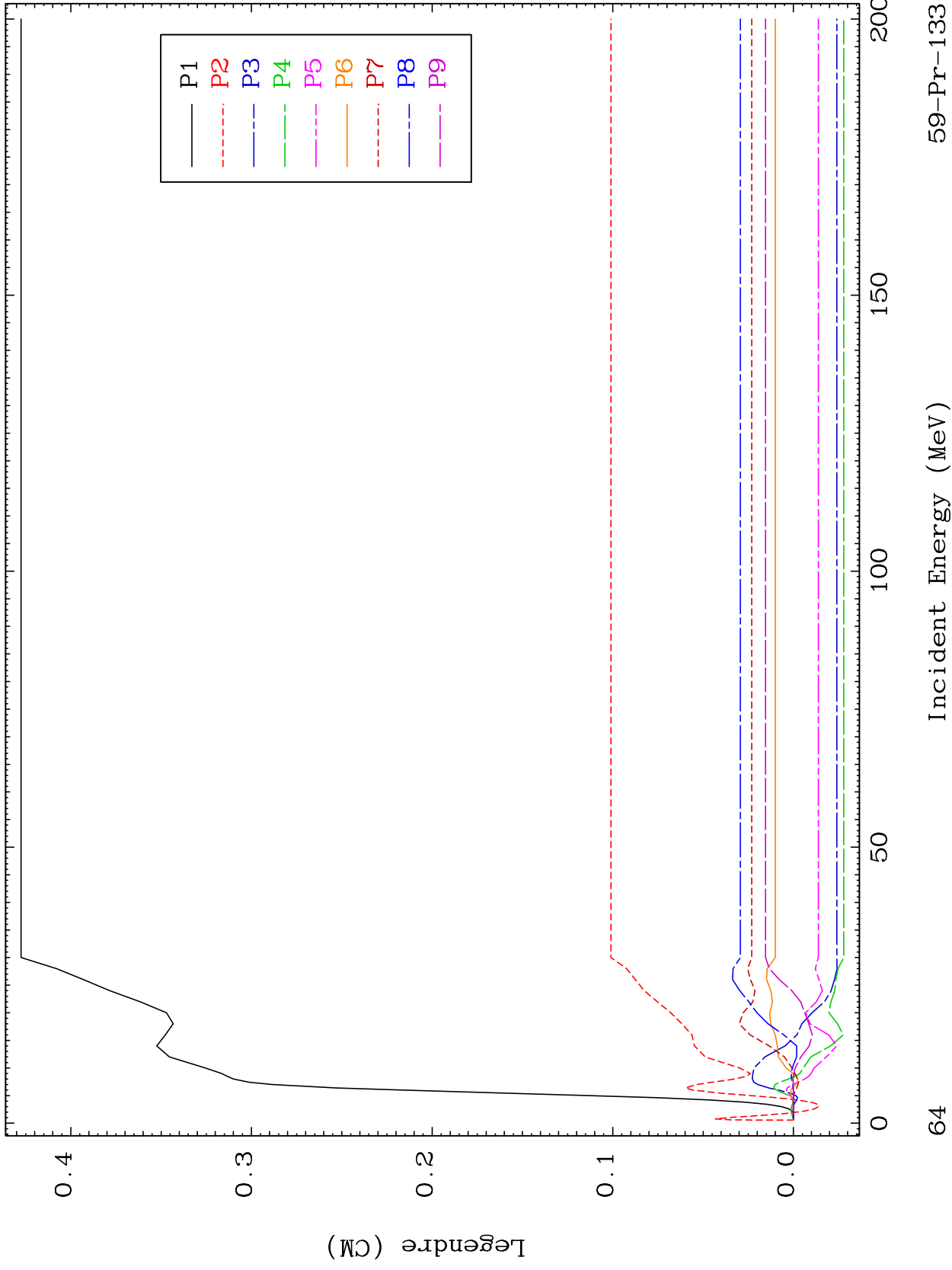
Legendre Coefficients



63

Incident Energy (MeV)

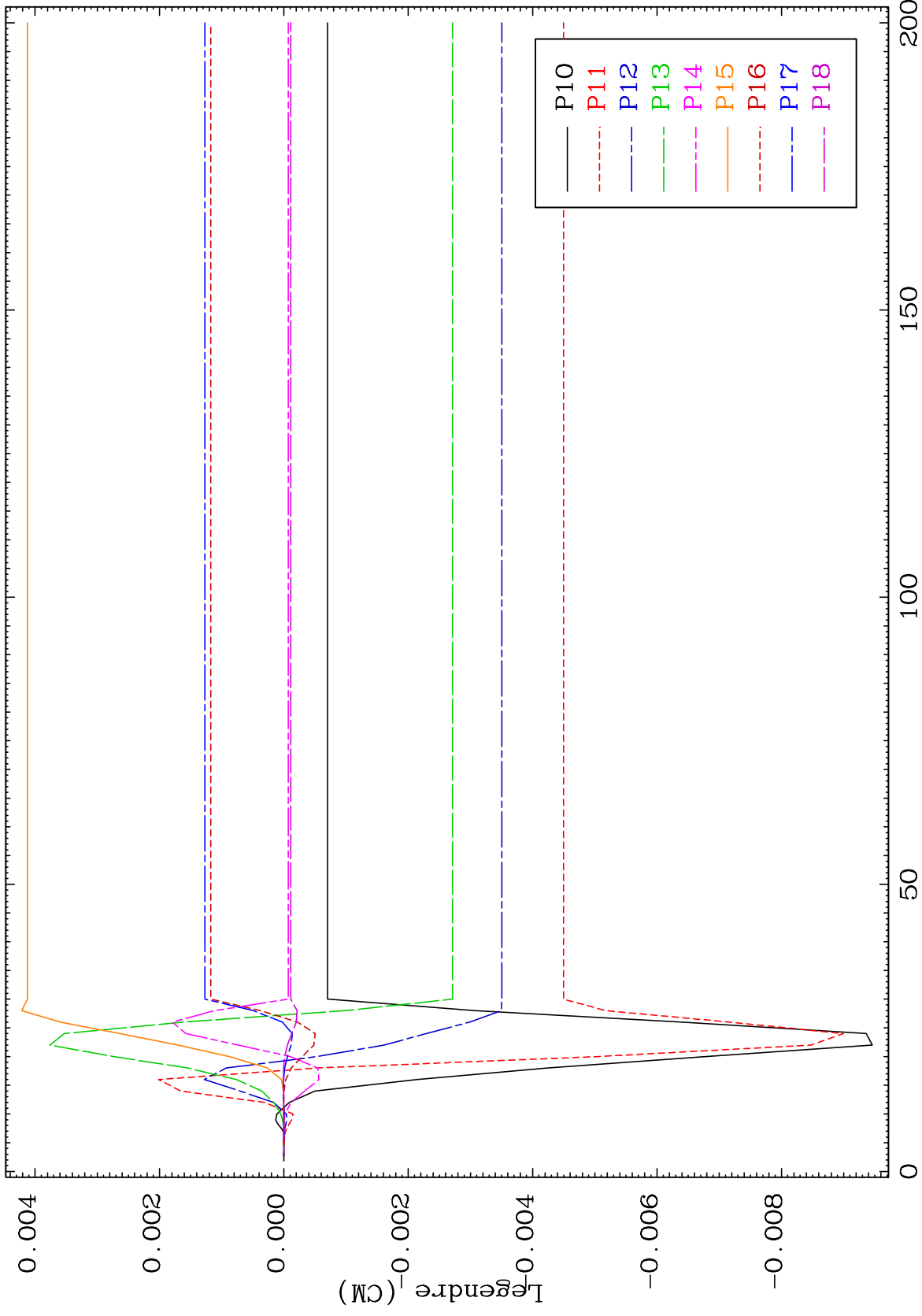
59-Pr-133



MAT 5901

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

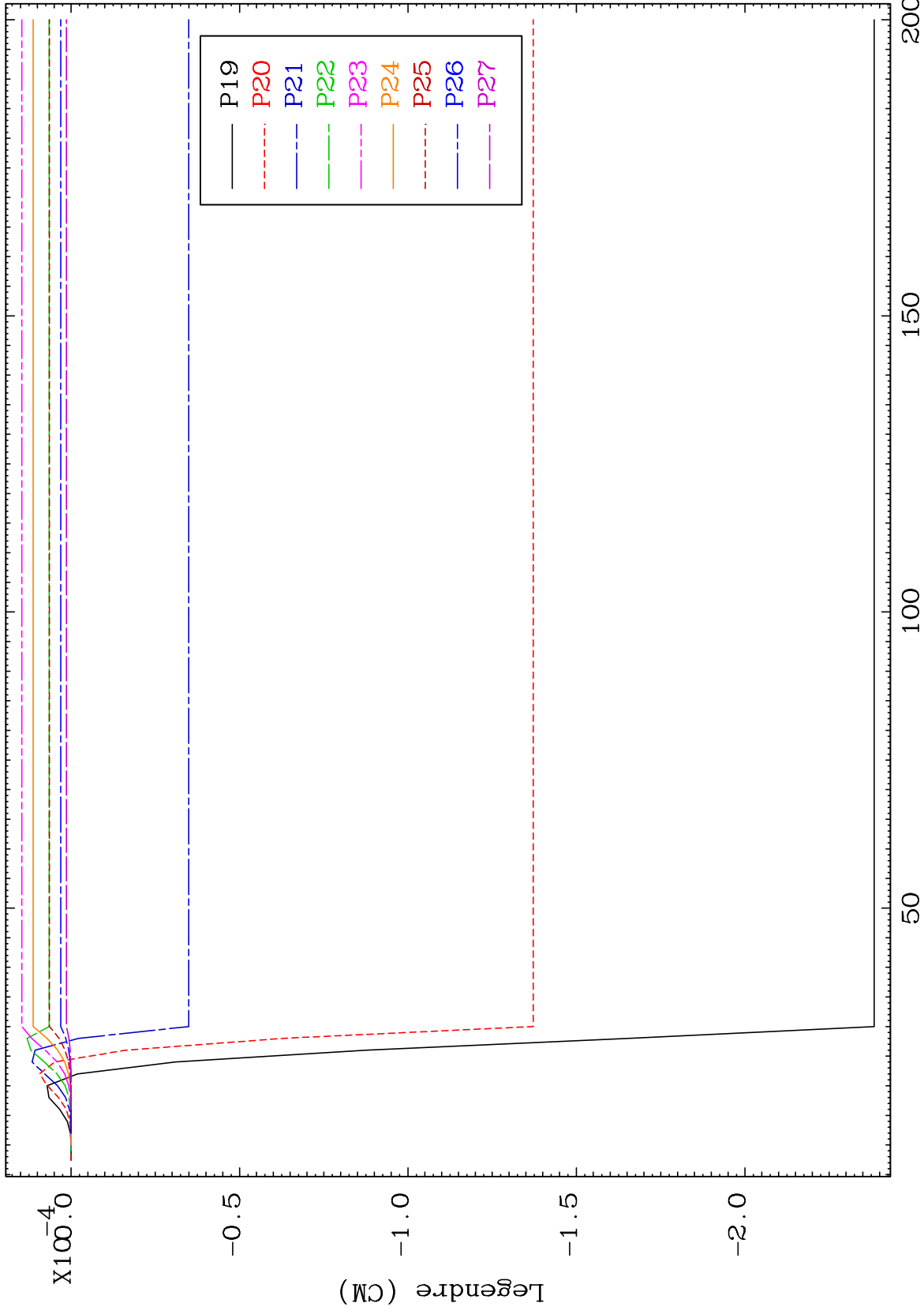
59-Pr-133



65

Incident Energy (MeV)

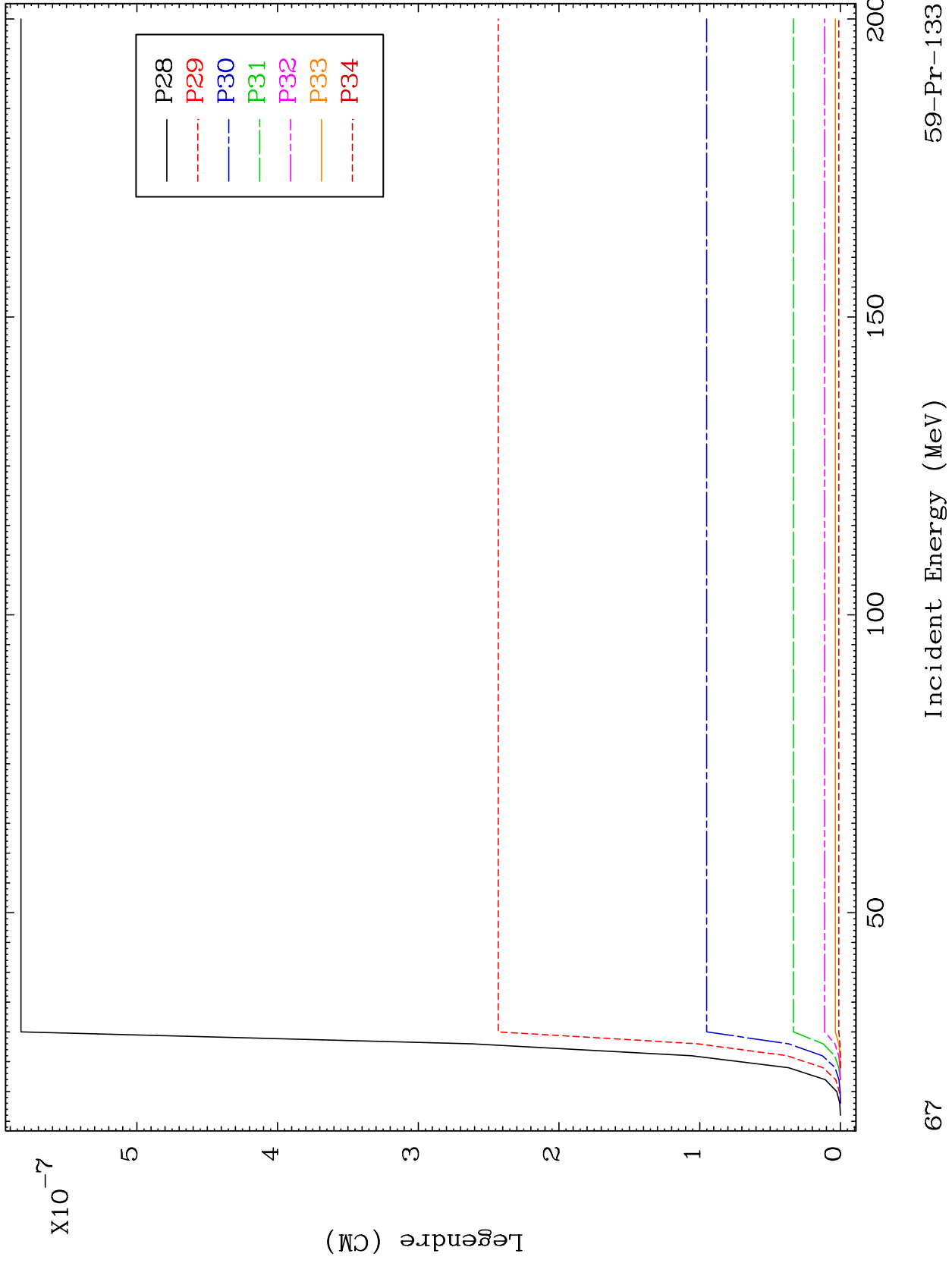
59-Pr-133



MAT 5901

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

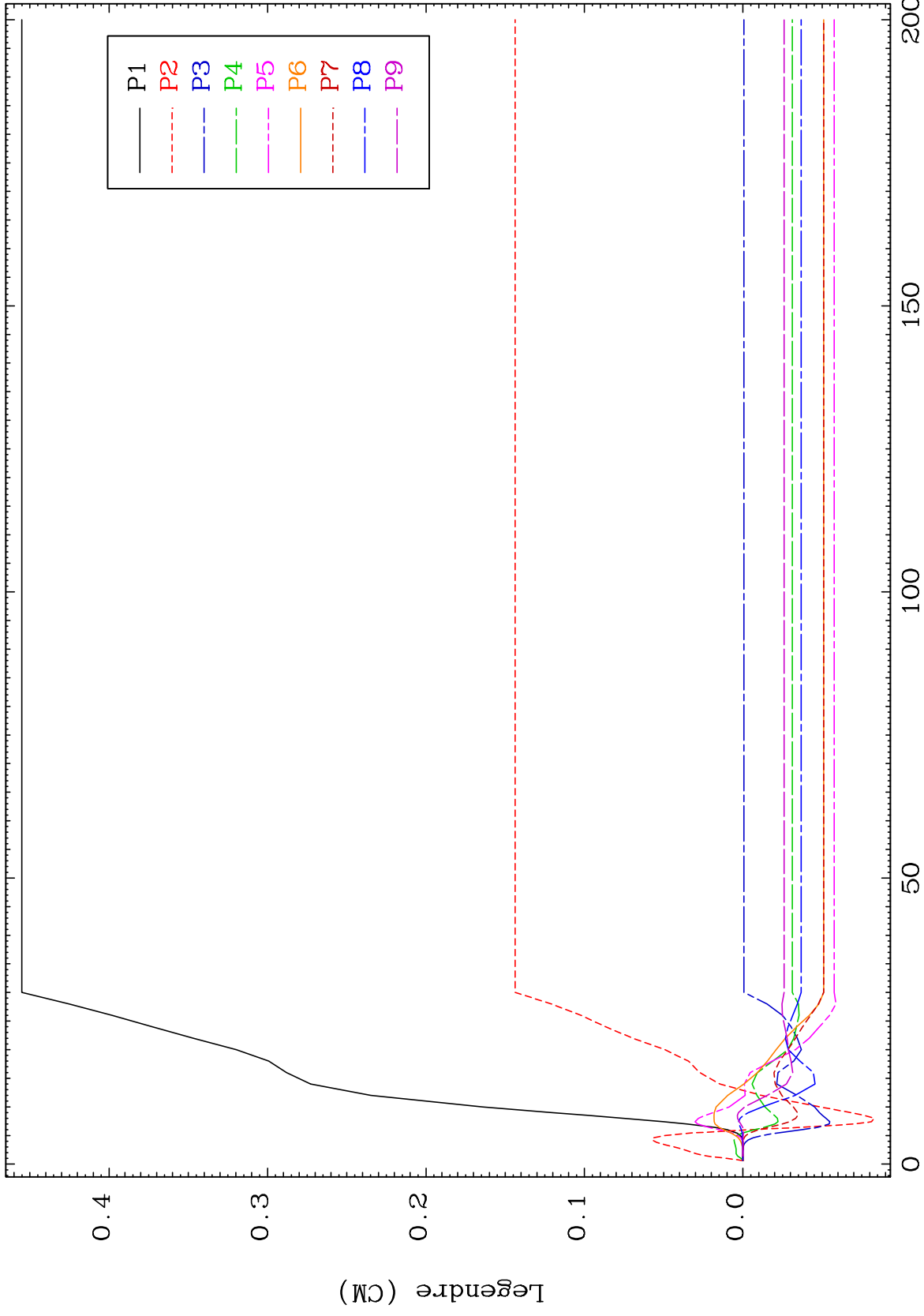
59-Pr-133



MAT 5901

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

59-Pr-133



68

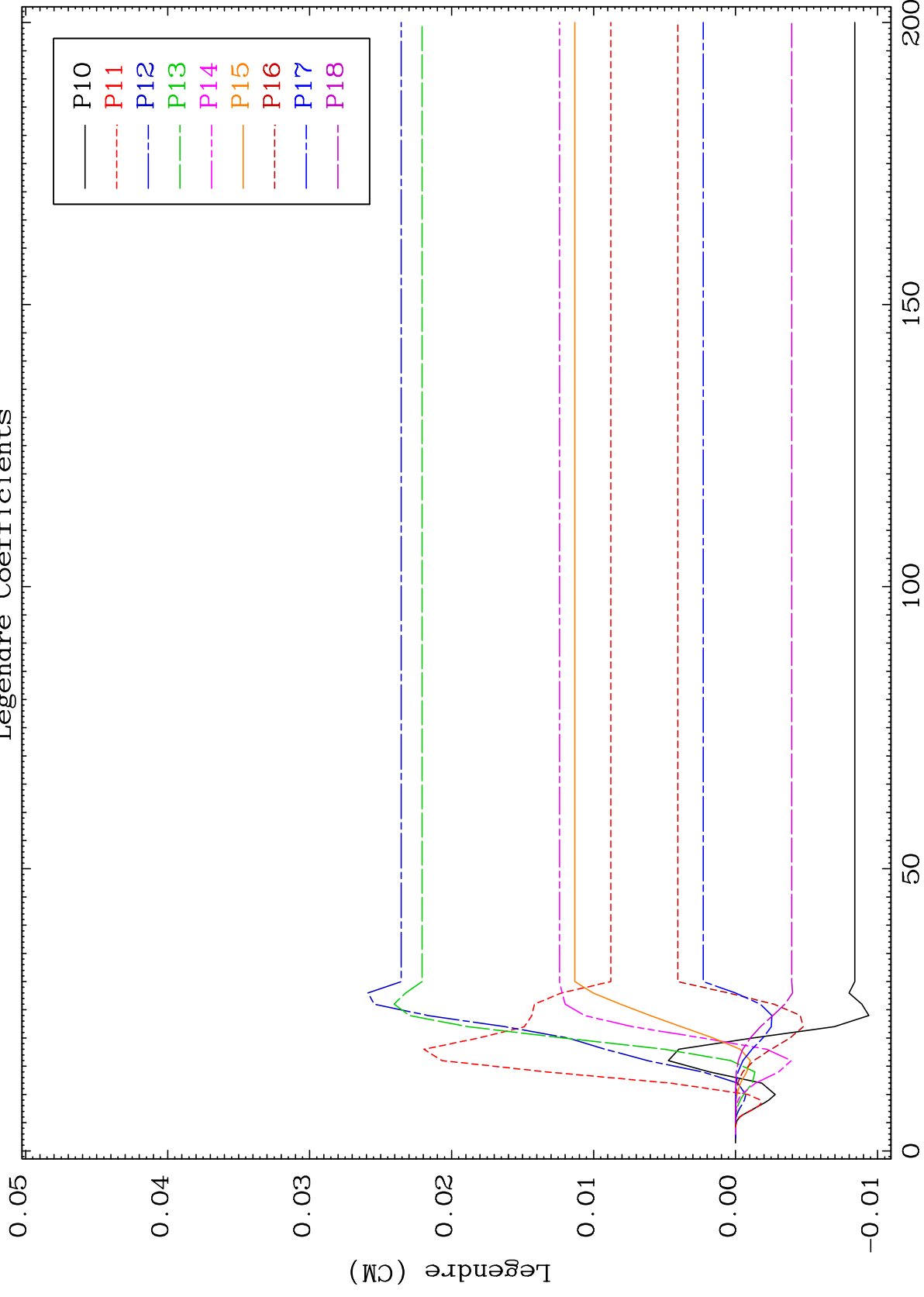
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



69

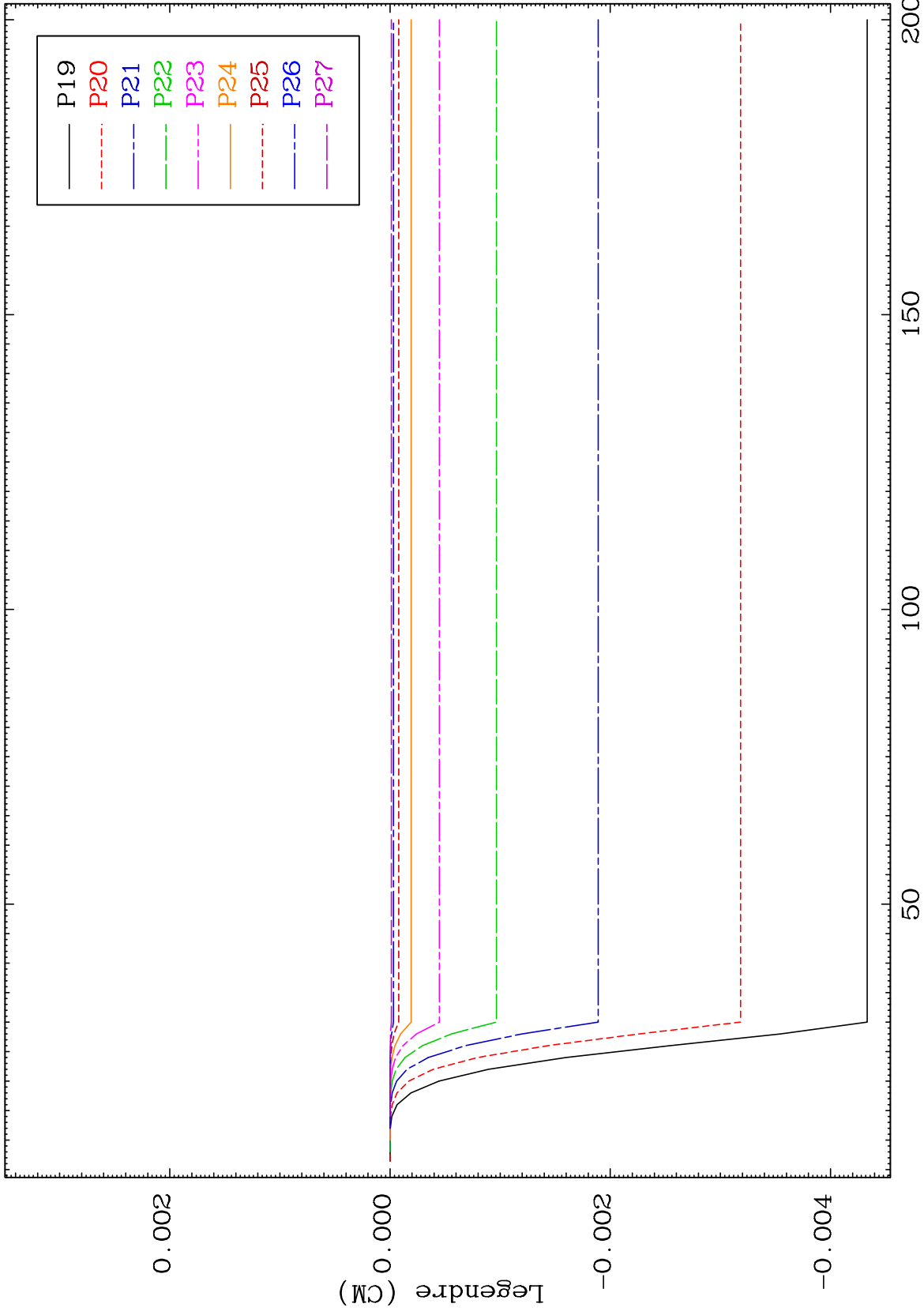
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



70

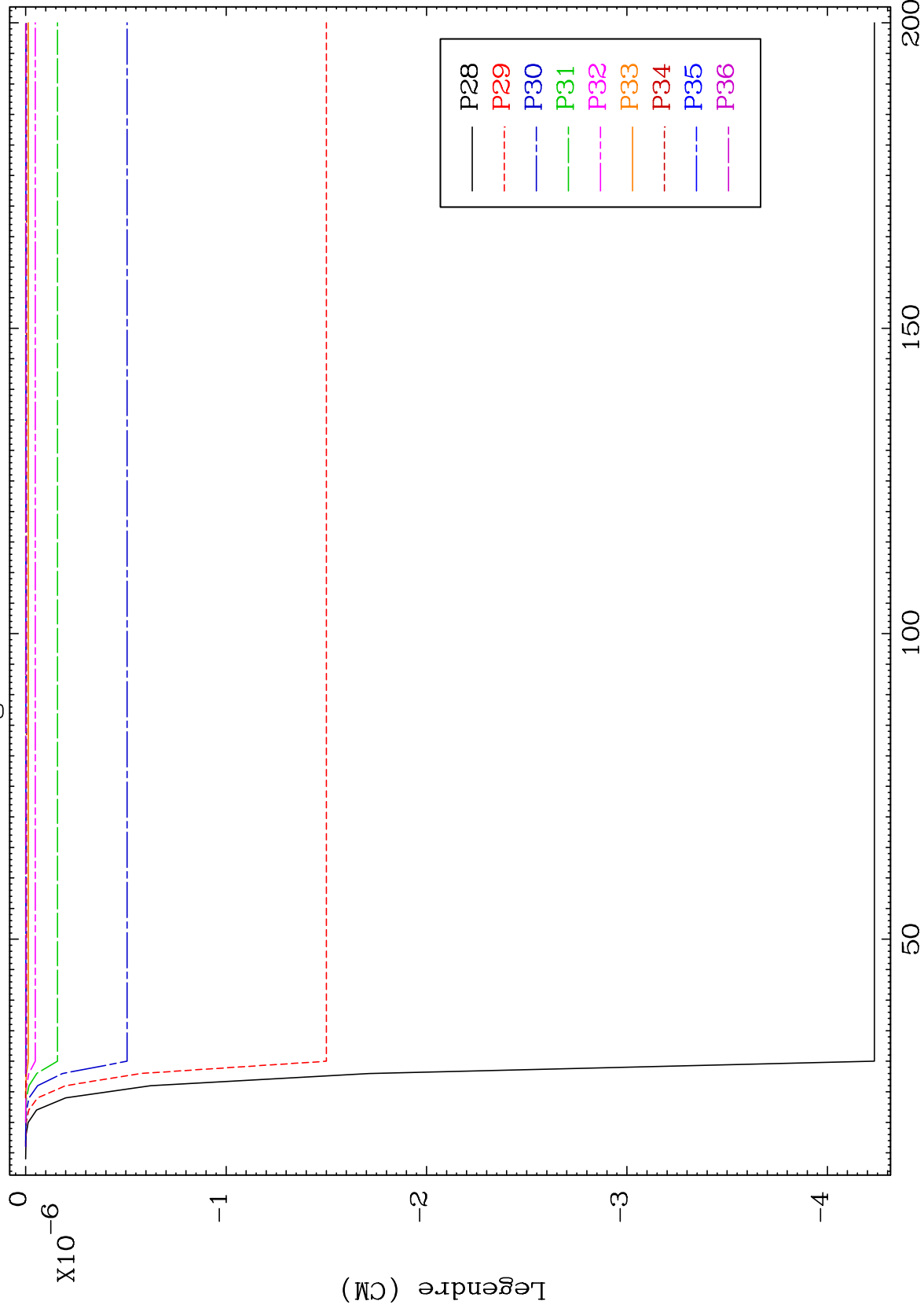
Incident Energy (MeV)

59-Pr-133

MAT 5901

59-Pr-133

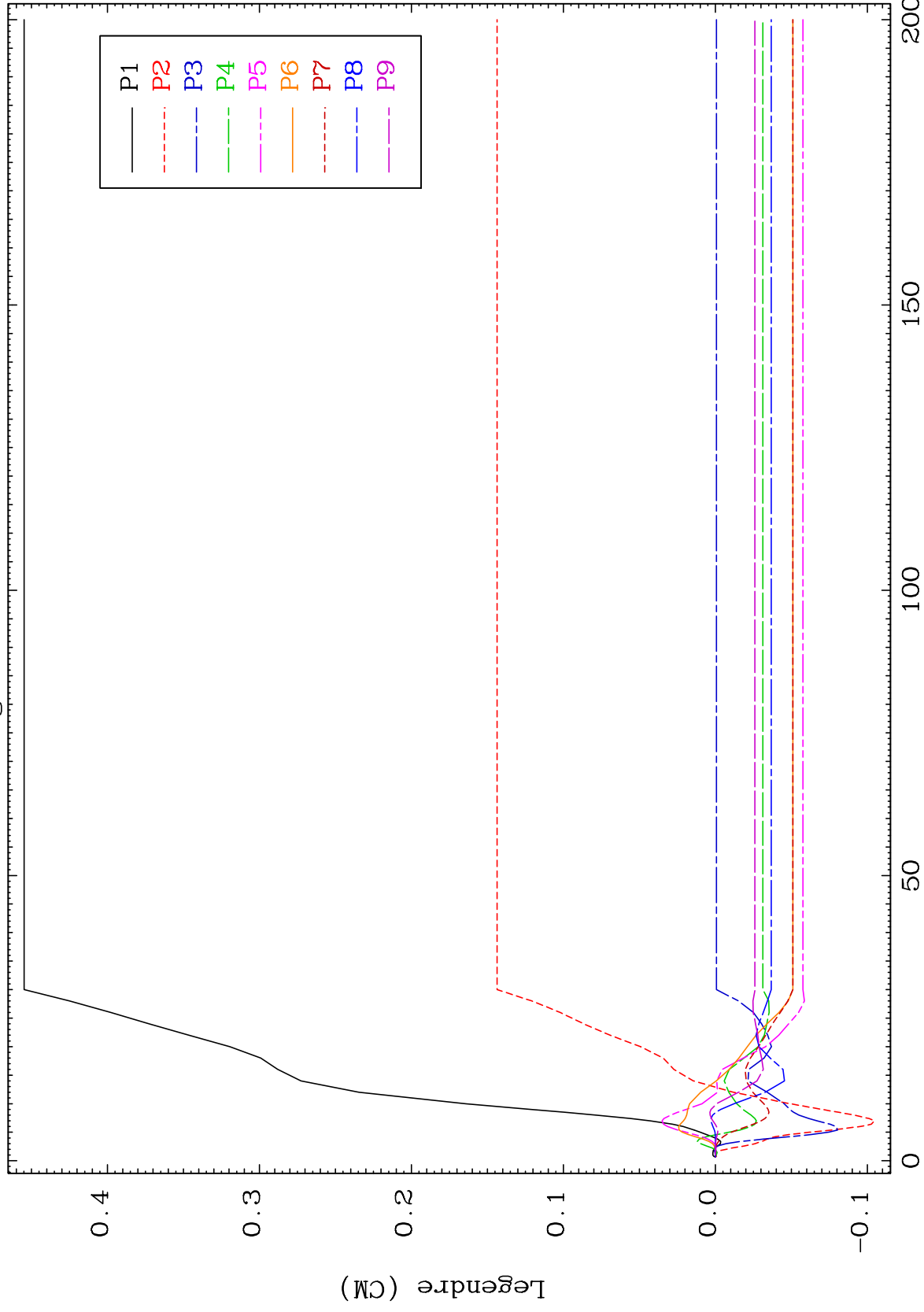
MT= 63 (n,n') Level
Legendre Coefficients



71

Incident Energy (MeV)

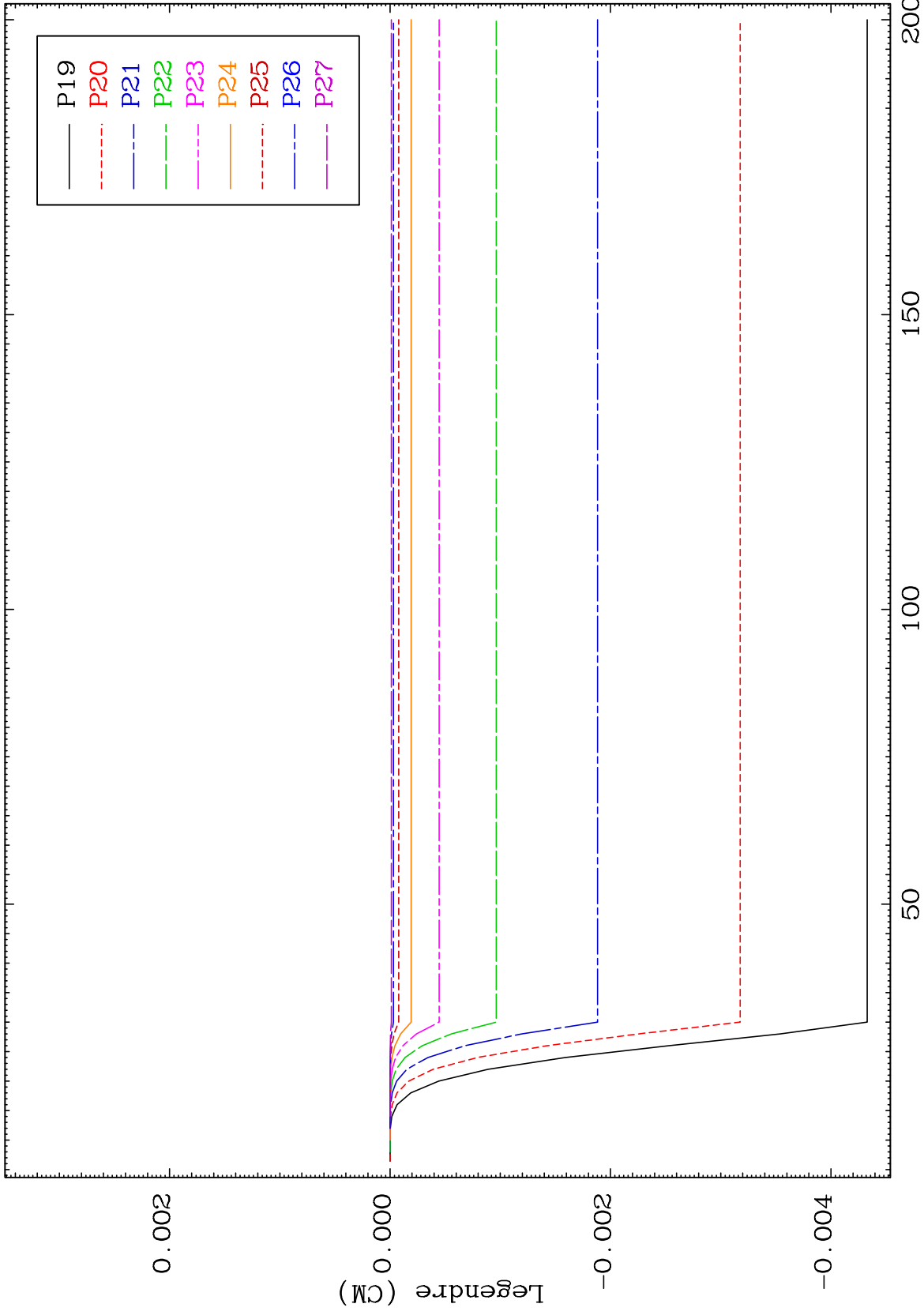
59-Pr-133



MAT 5901

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

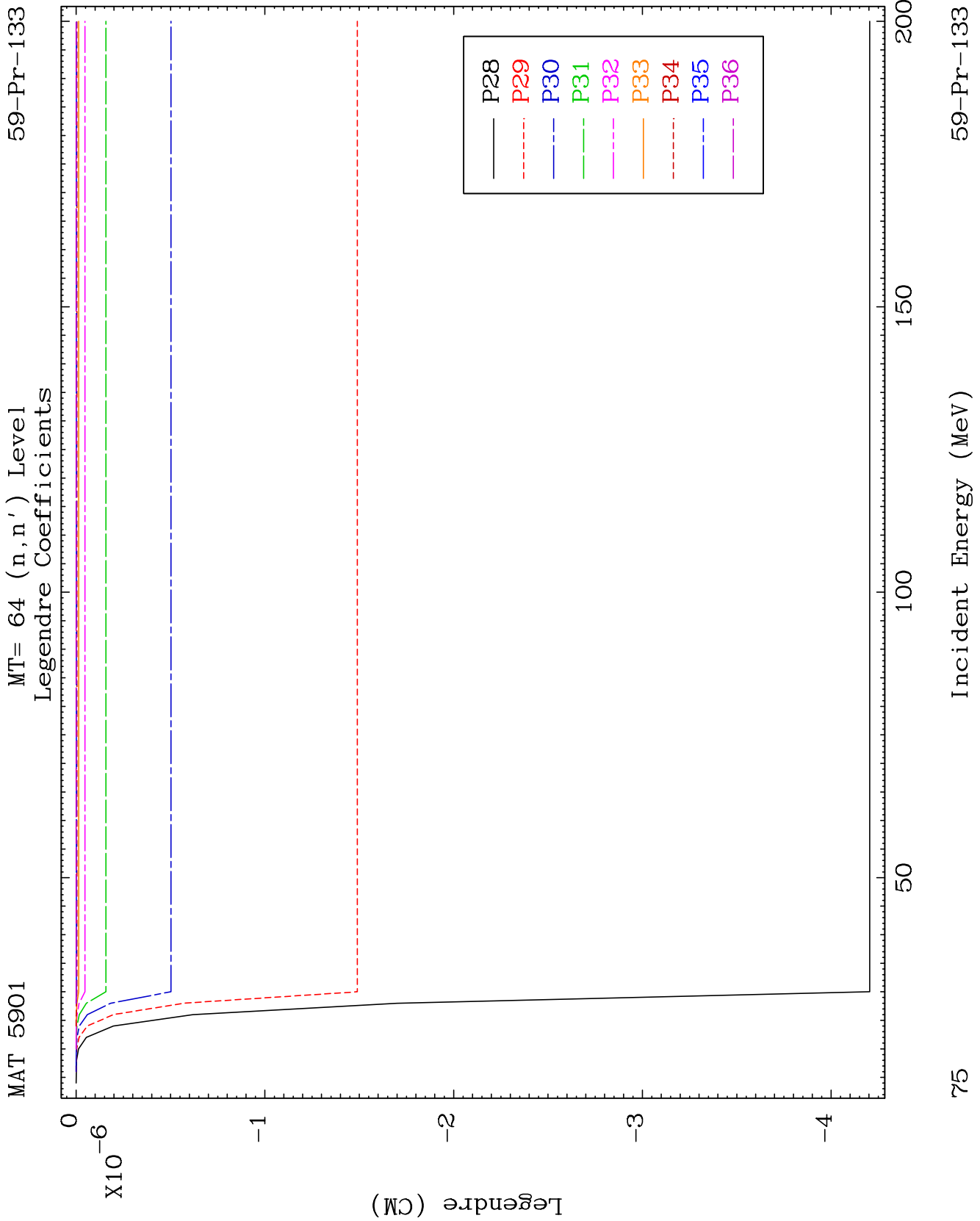
59-Pr-133



74

Incident Energy (MeV)

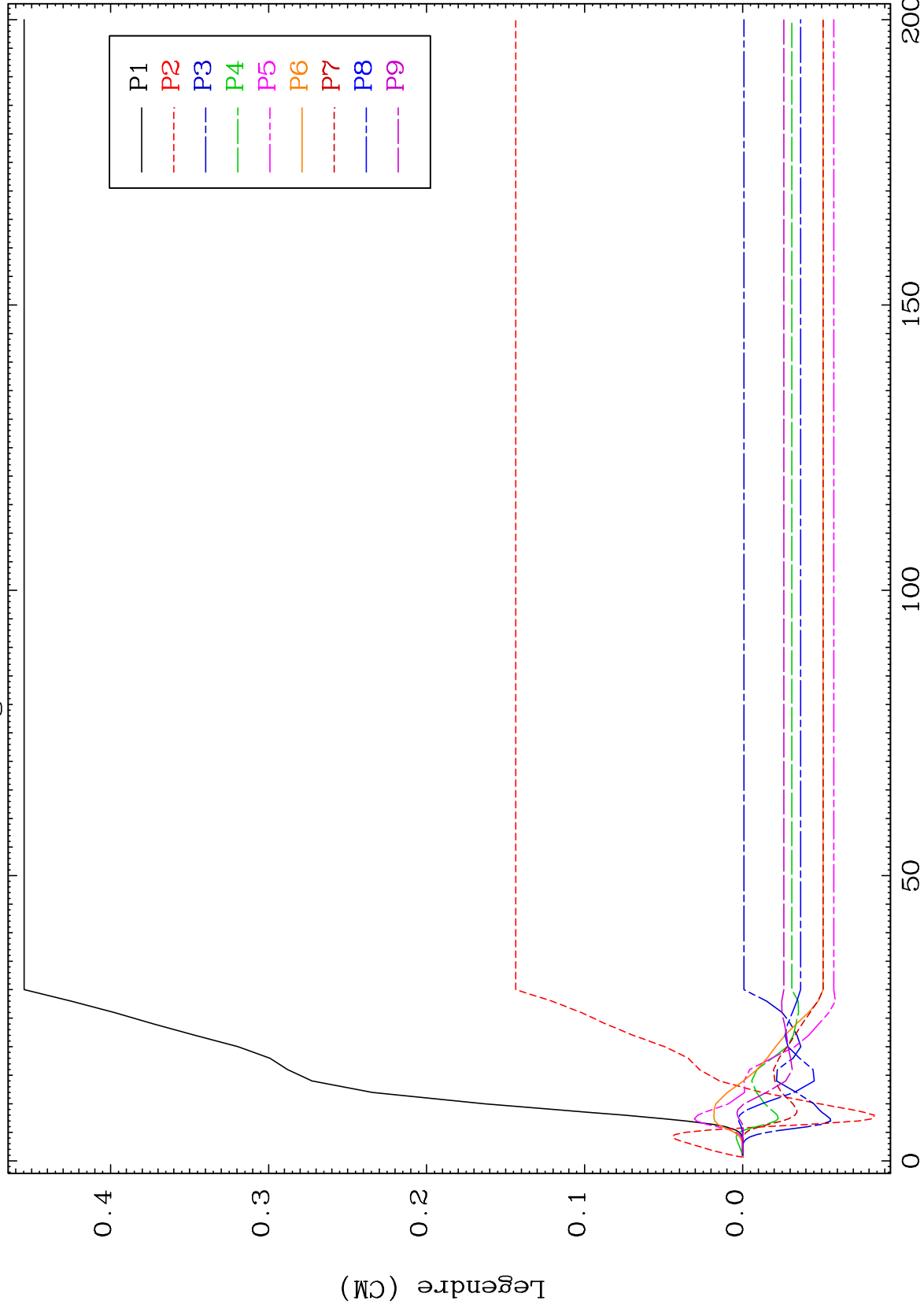
59-Pr-133



MAT 5901

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

59-Pr-133



76

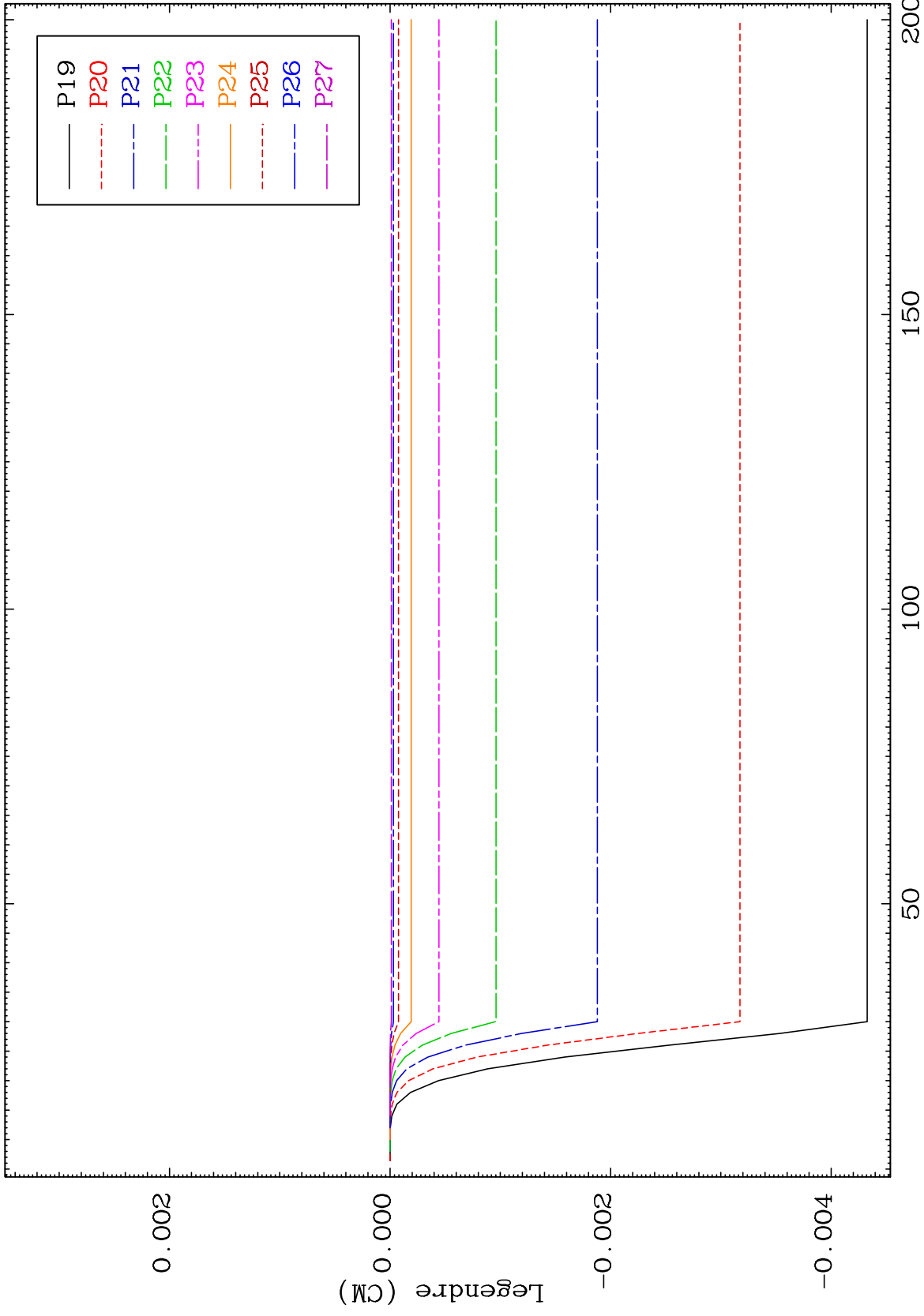
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

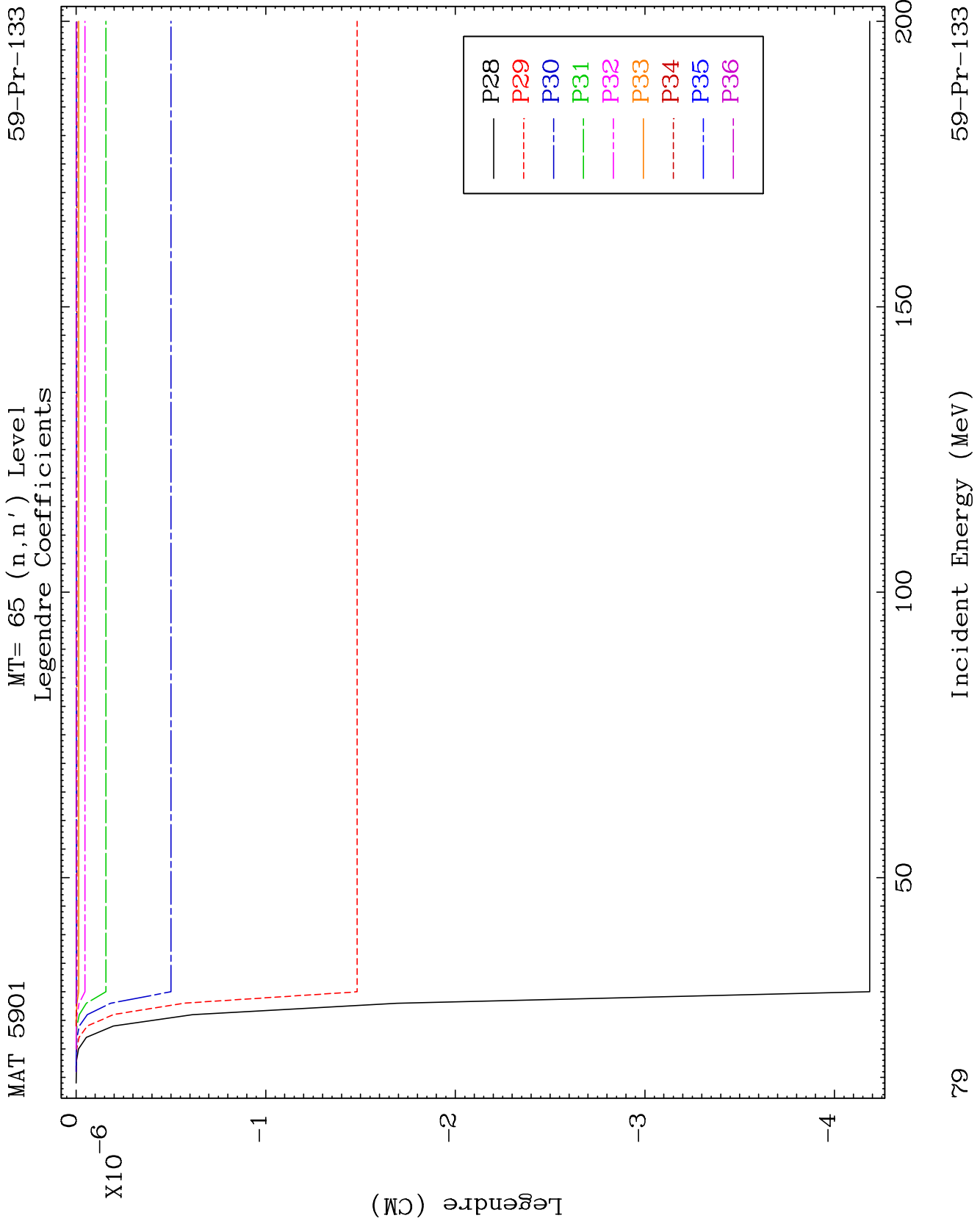
59-Pr-133



78

Incident Energy (MeV)

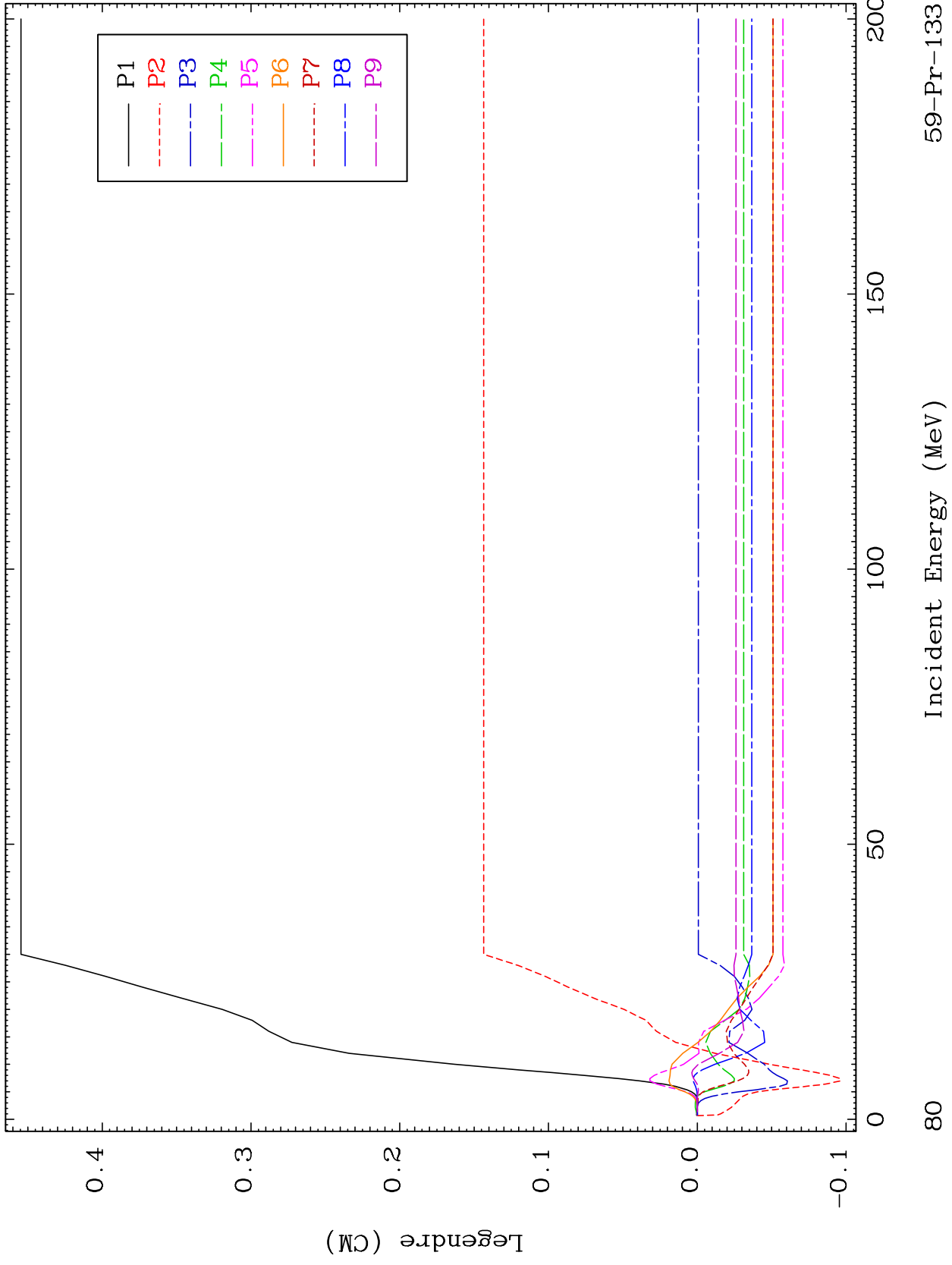
59-Pr-133



MAT 5901

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

59-Pr-133

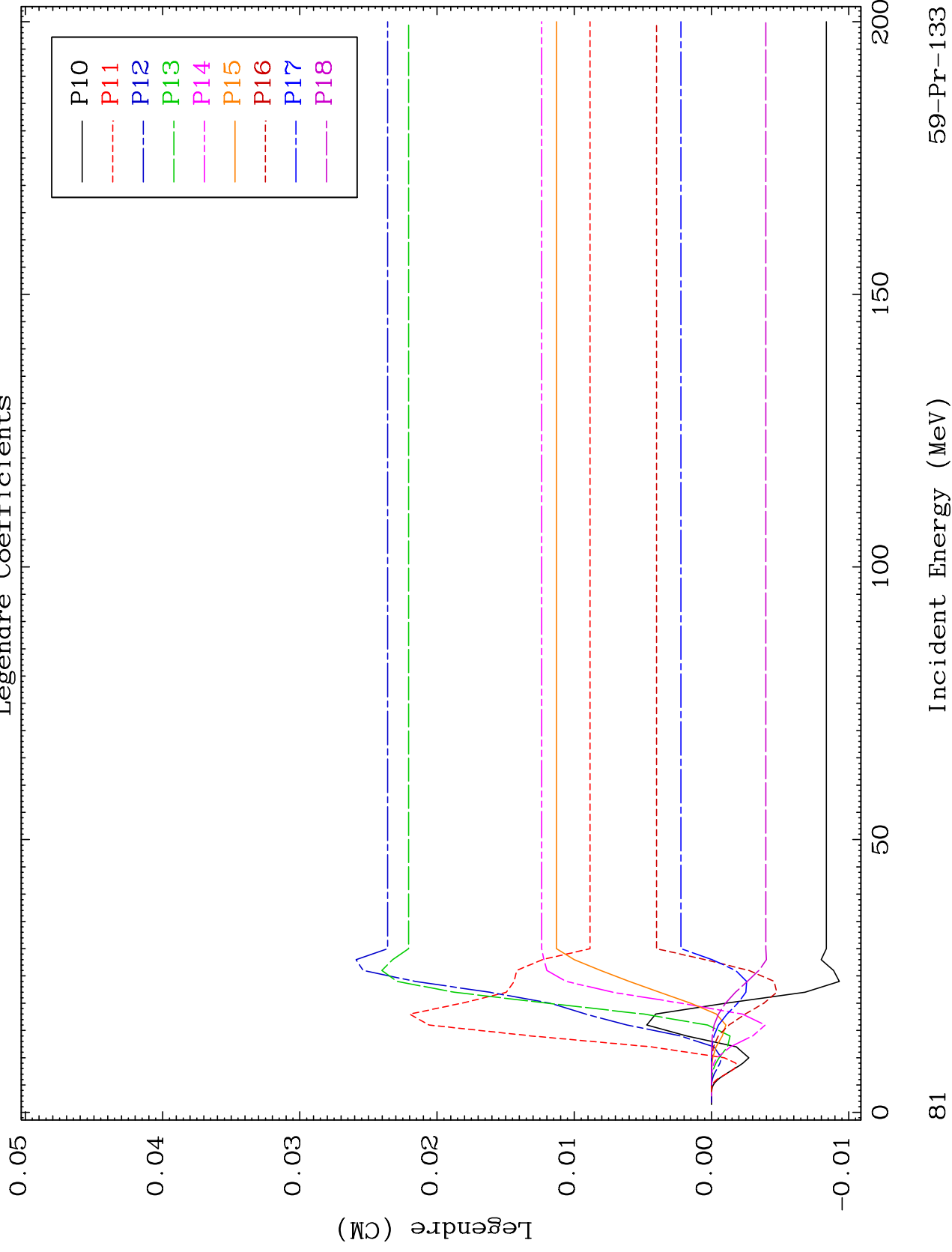


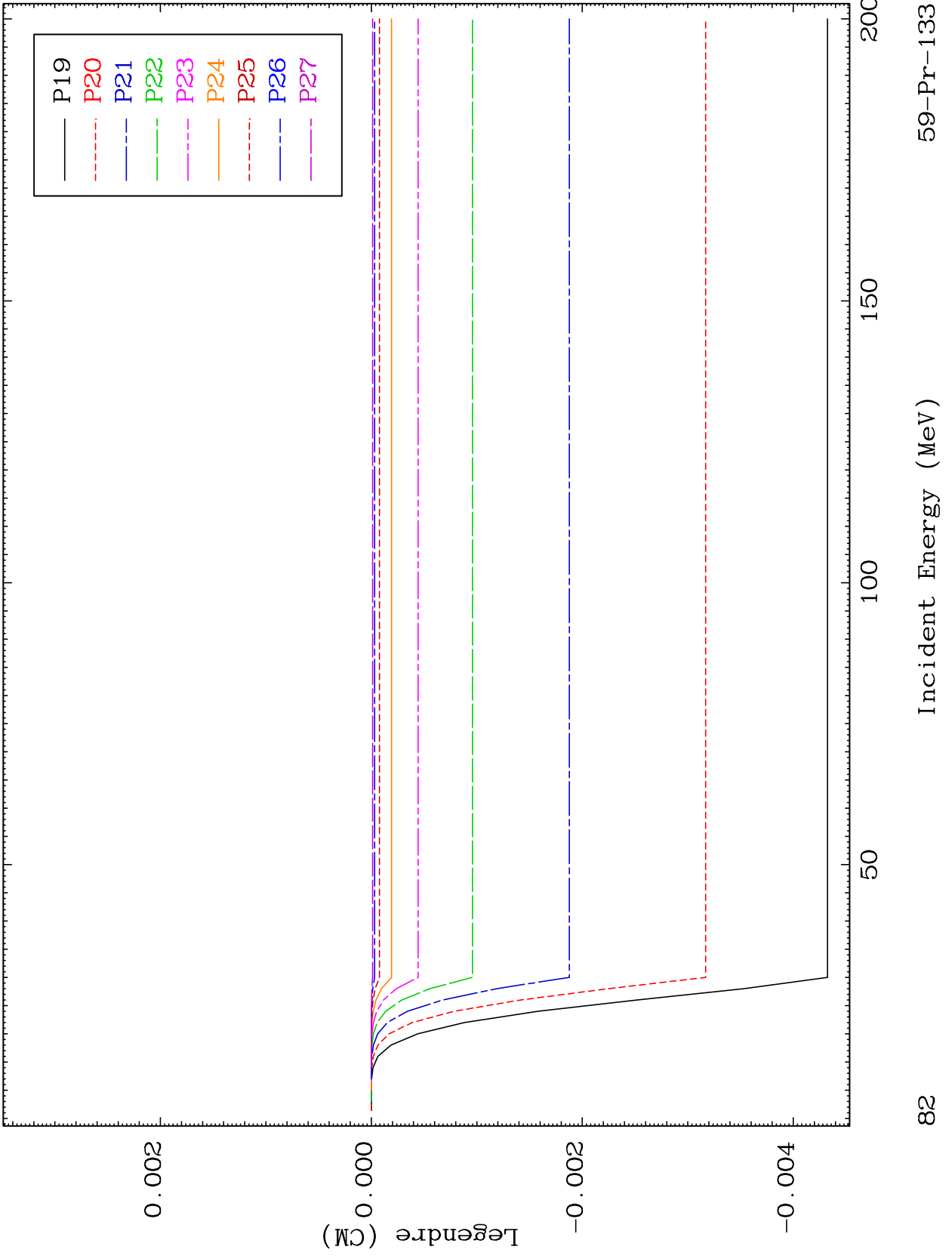
59-Pr-133

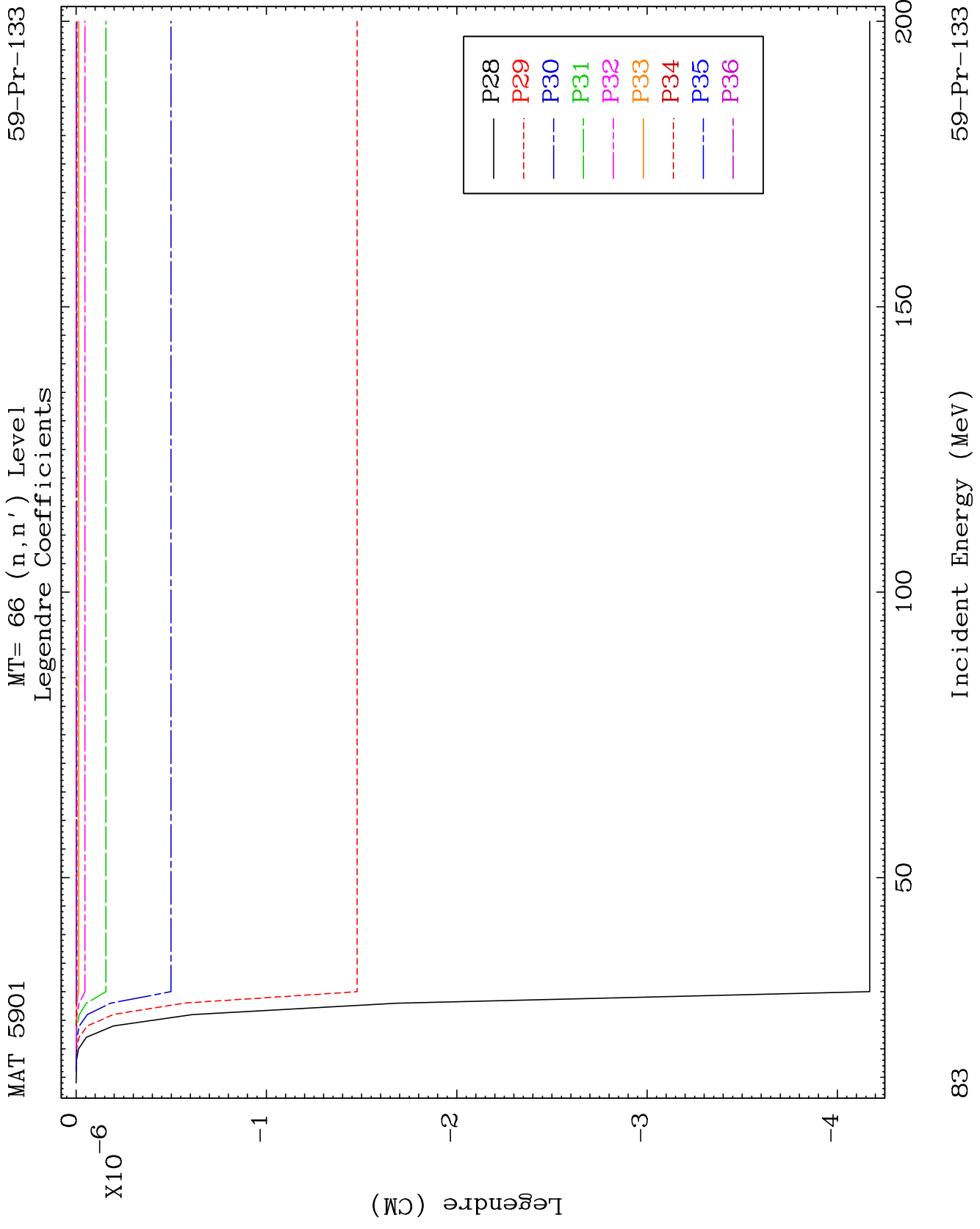
MAT 5901

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

59-Pr-133



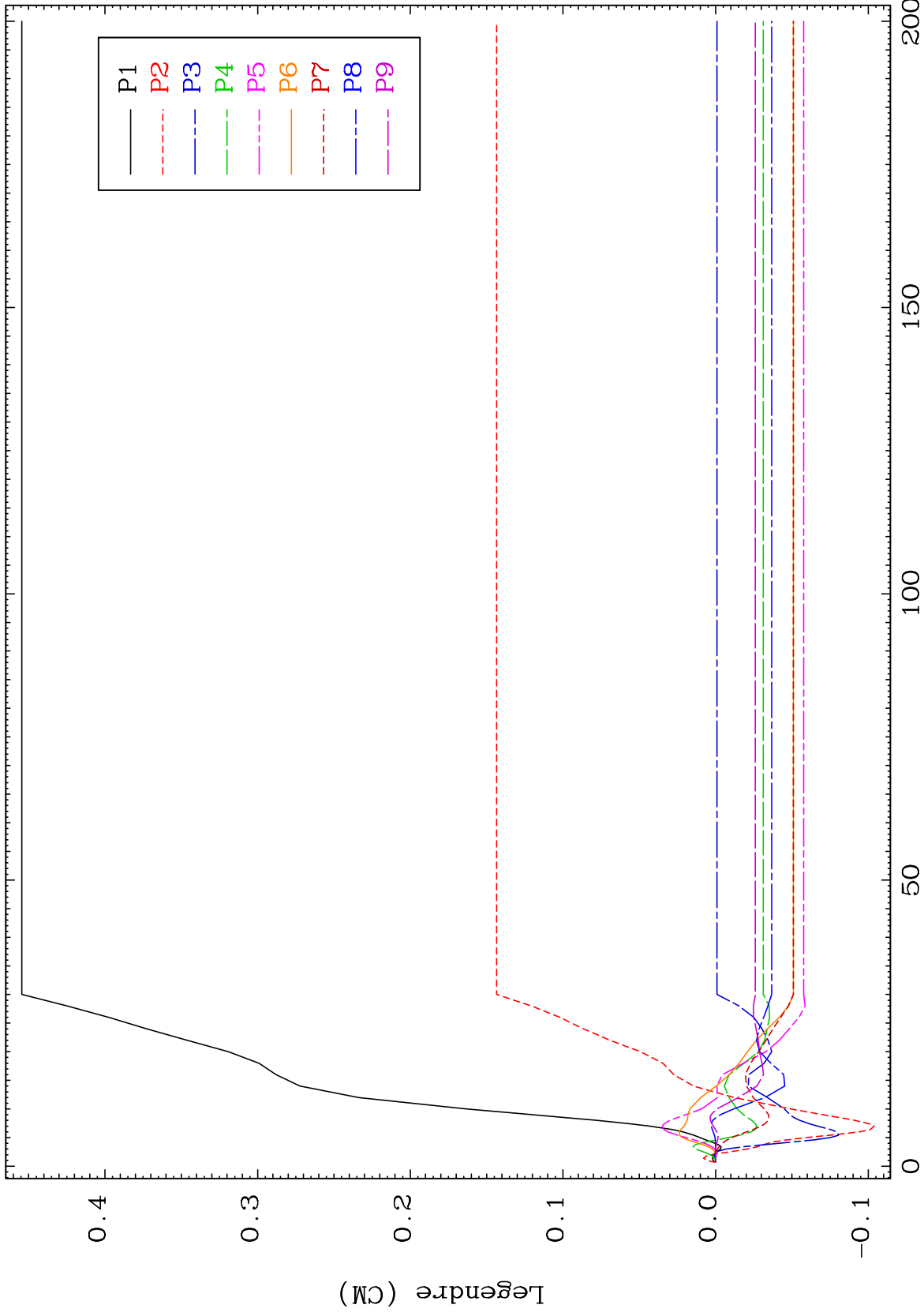




MAT 5901

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

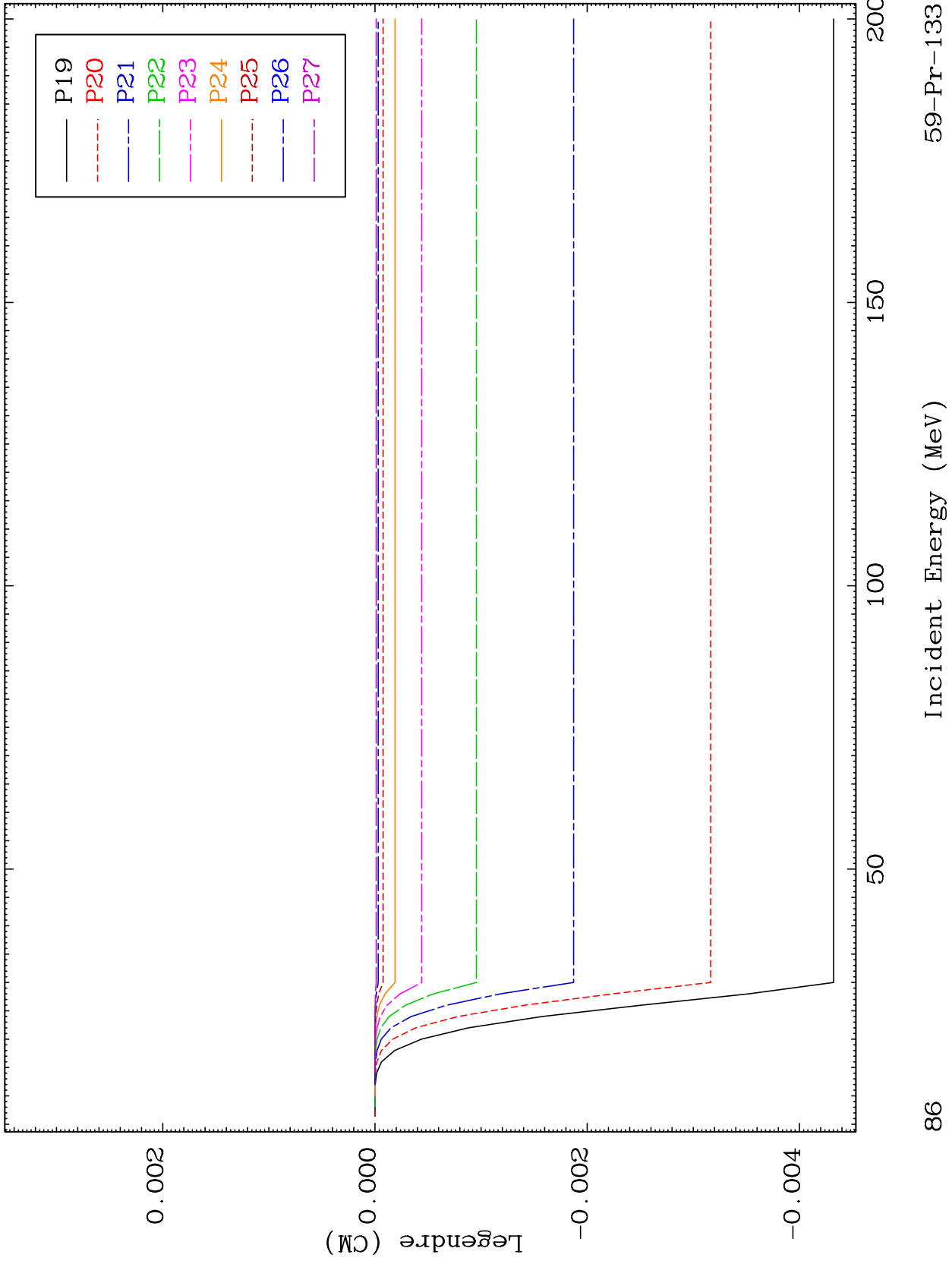
59-Pr-133

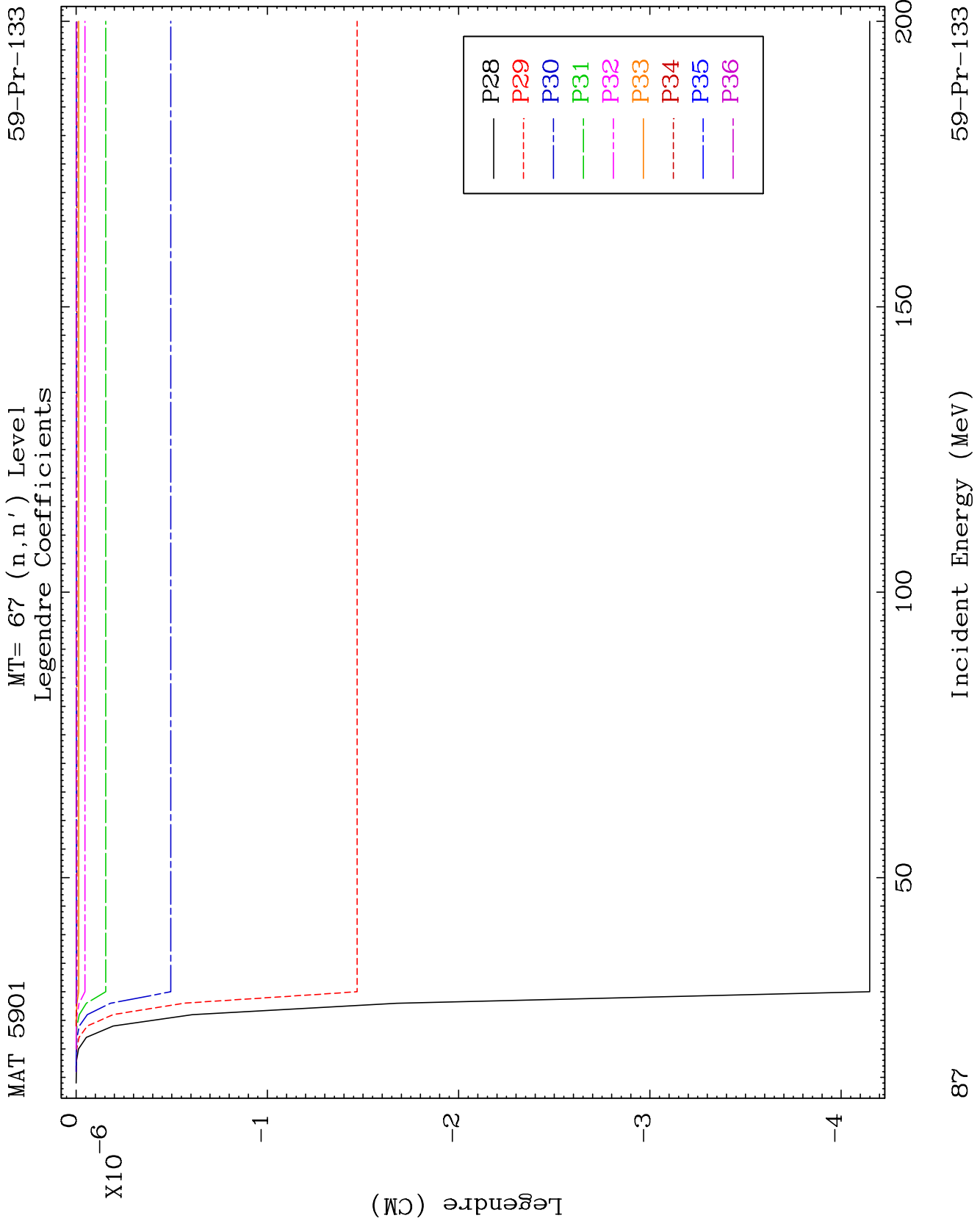


84

Incident Energy (MeV)

59-Pr-133

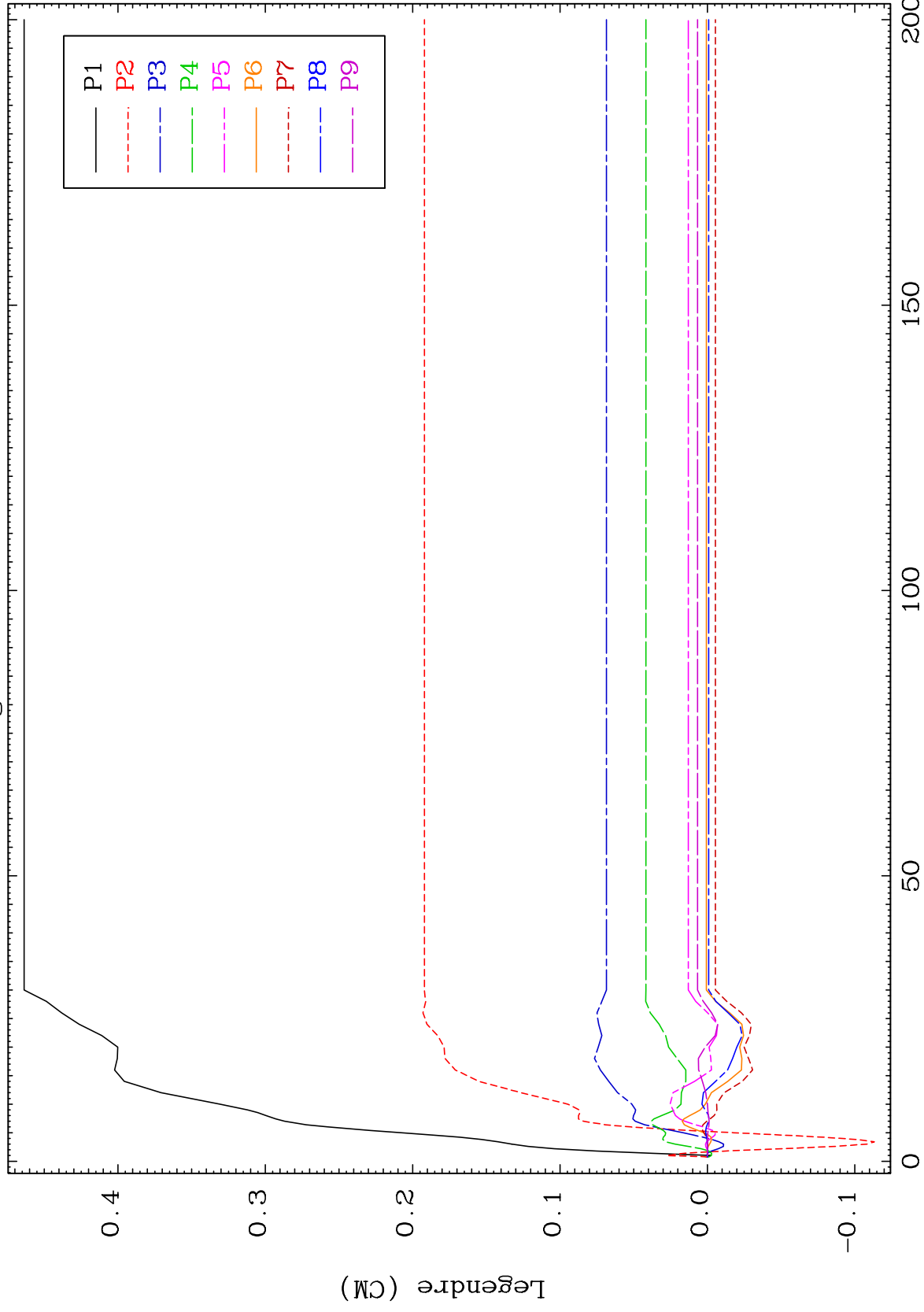




MAT 5901

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

59-Pr-133



88

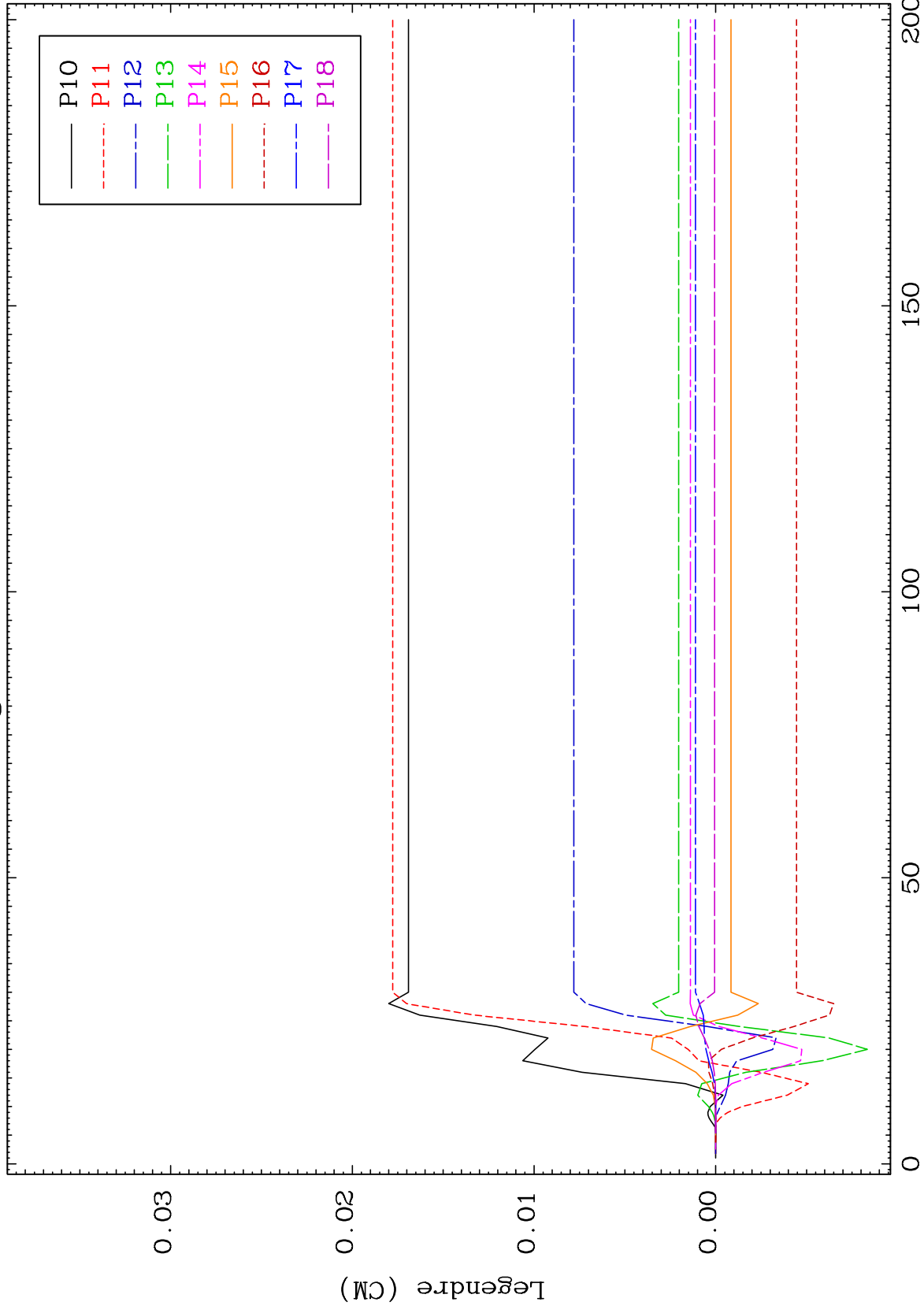
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



89

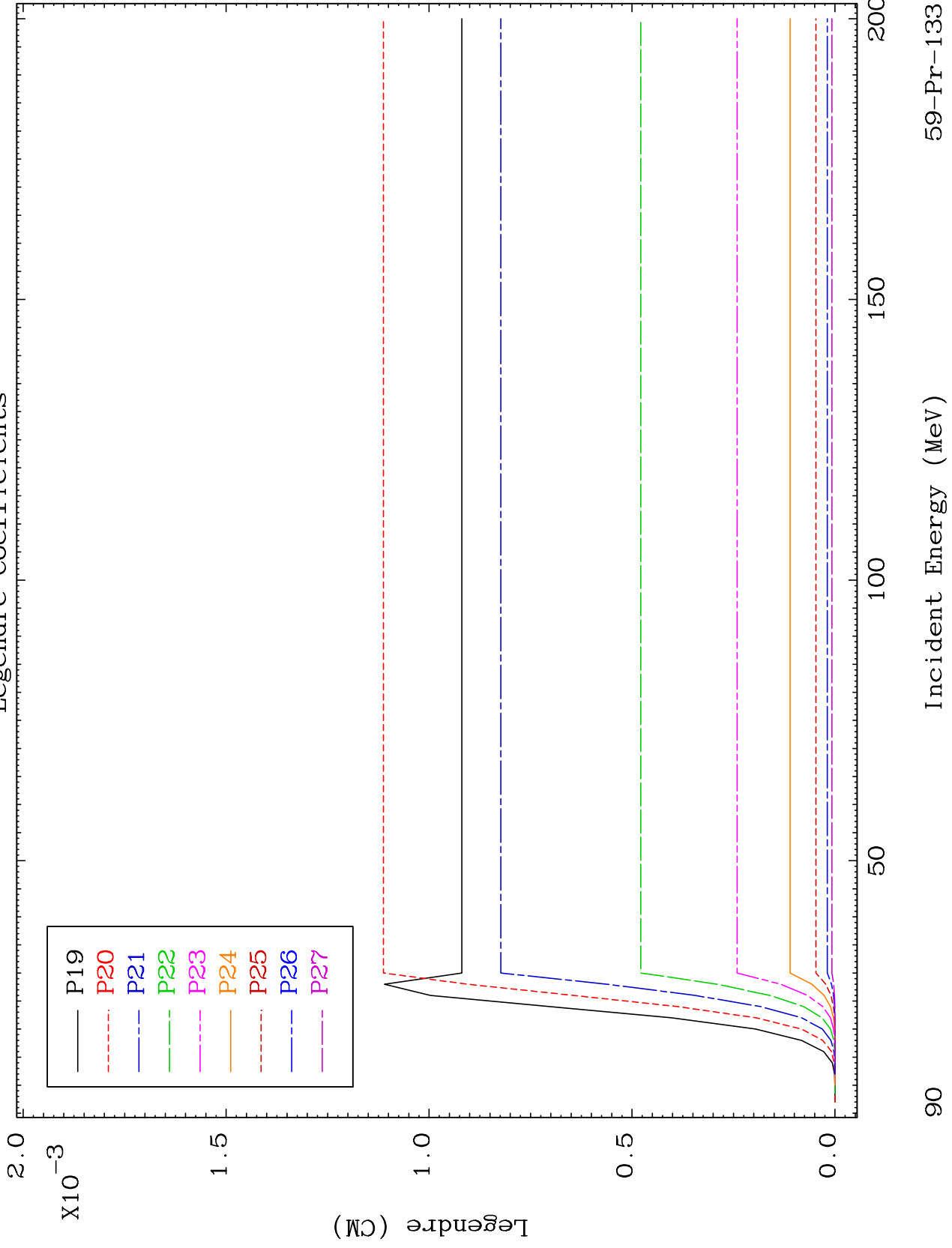
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

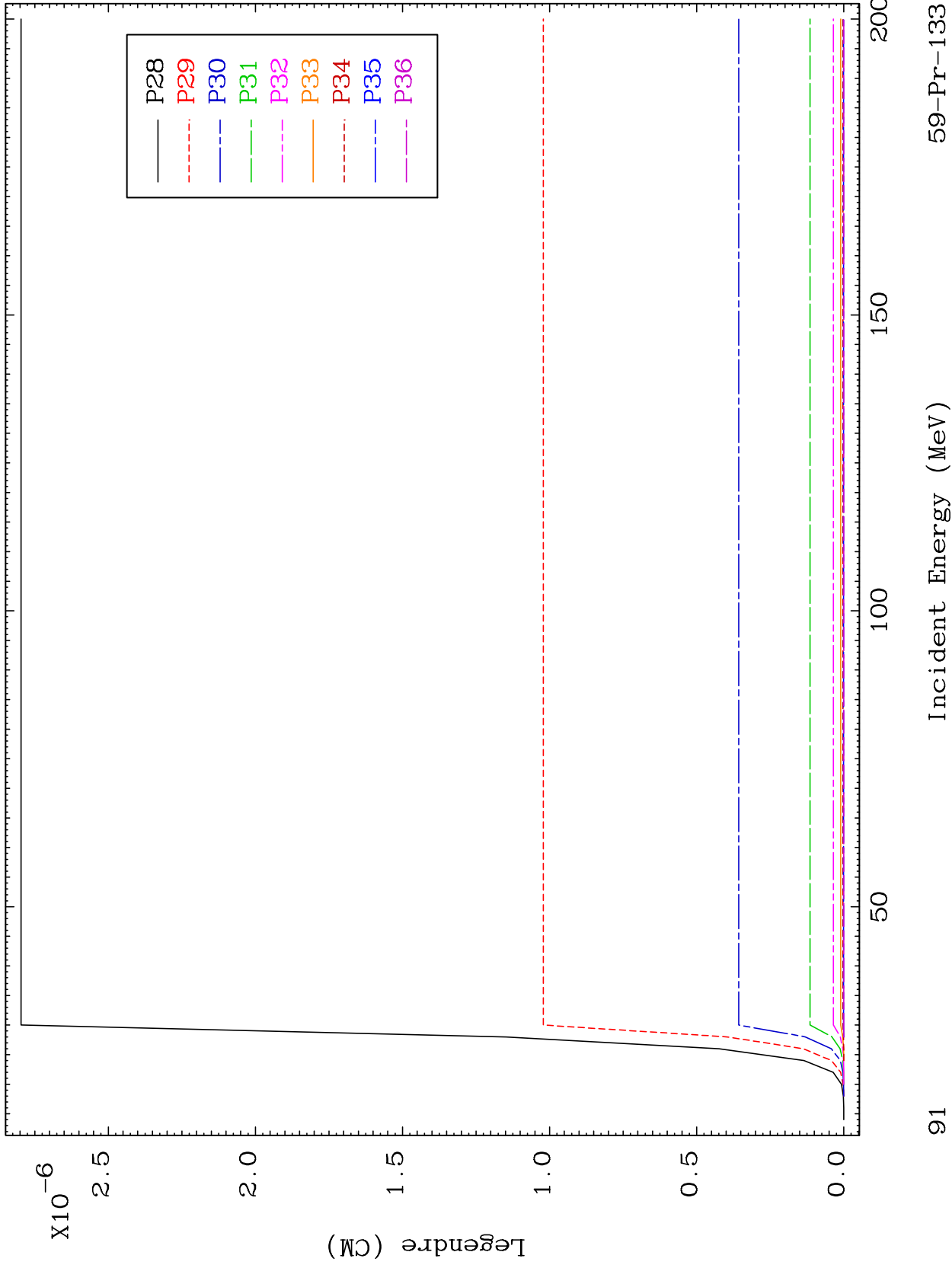
59-Pr-133



90

Incident Energy (MeV)

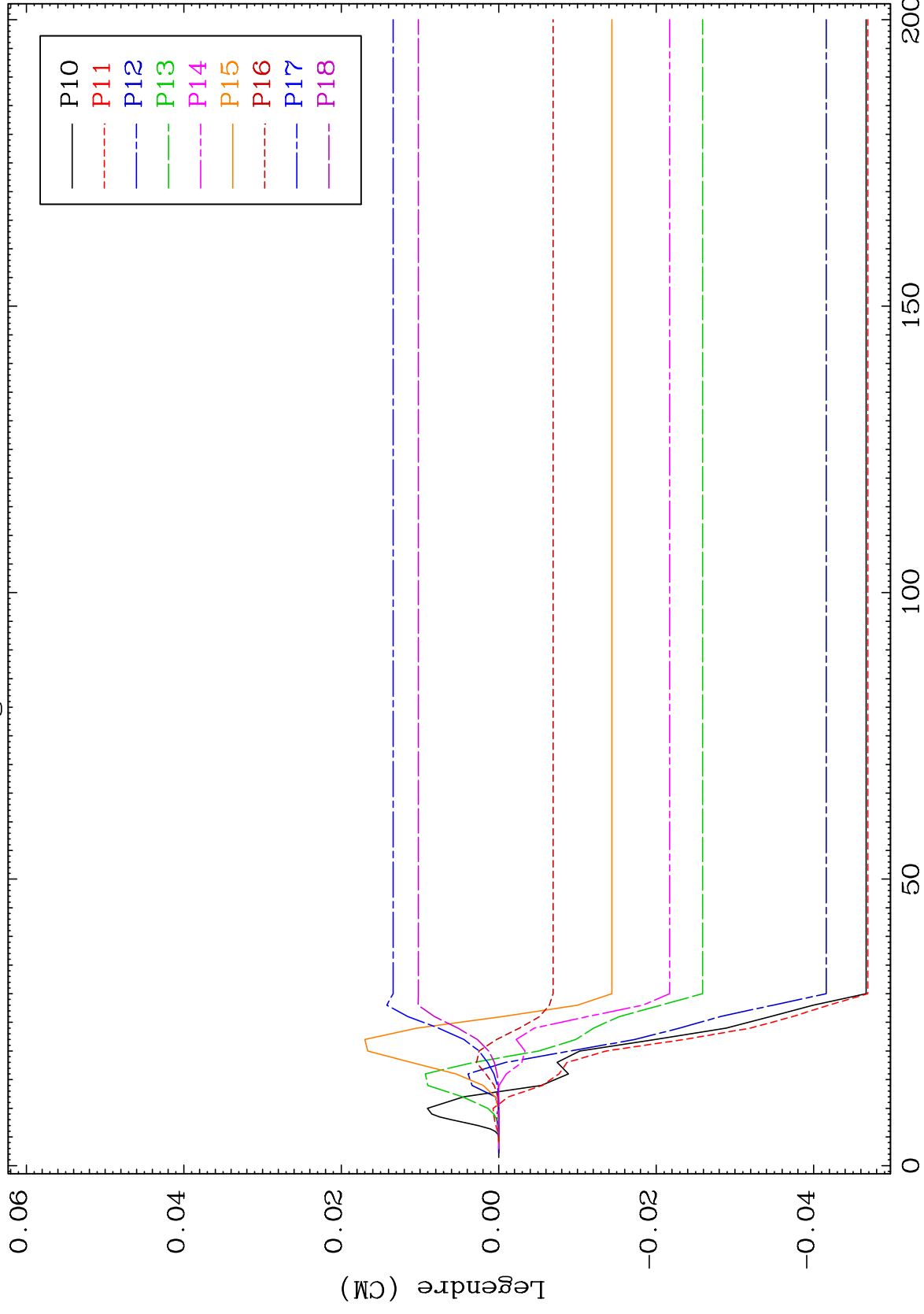
59-Pr-133



MAT 5901

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

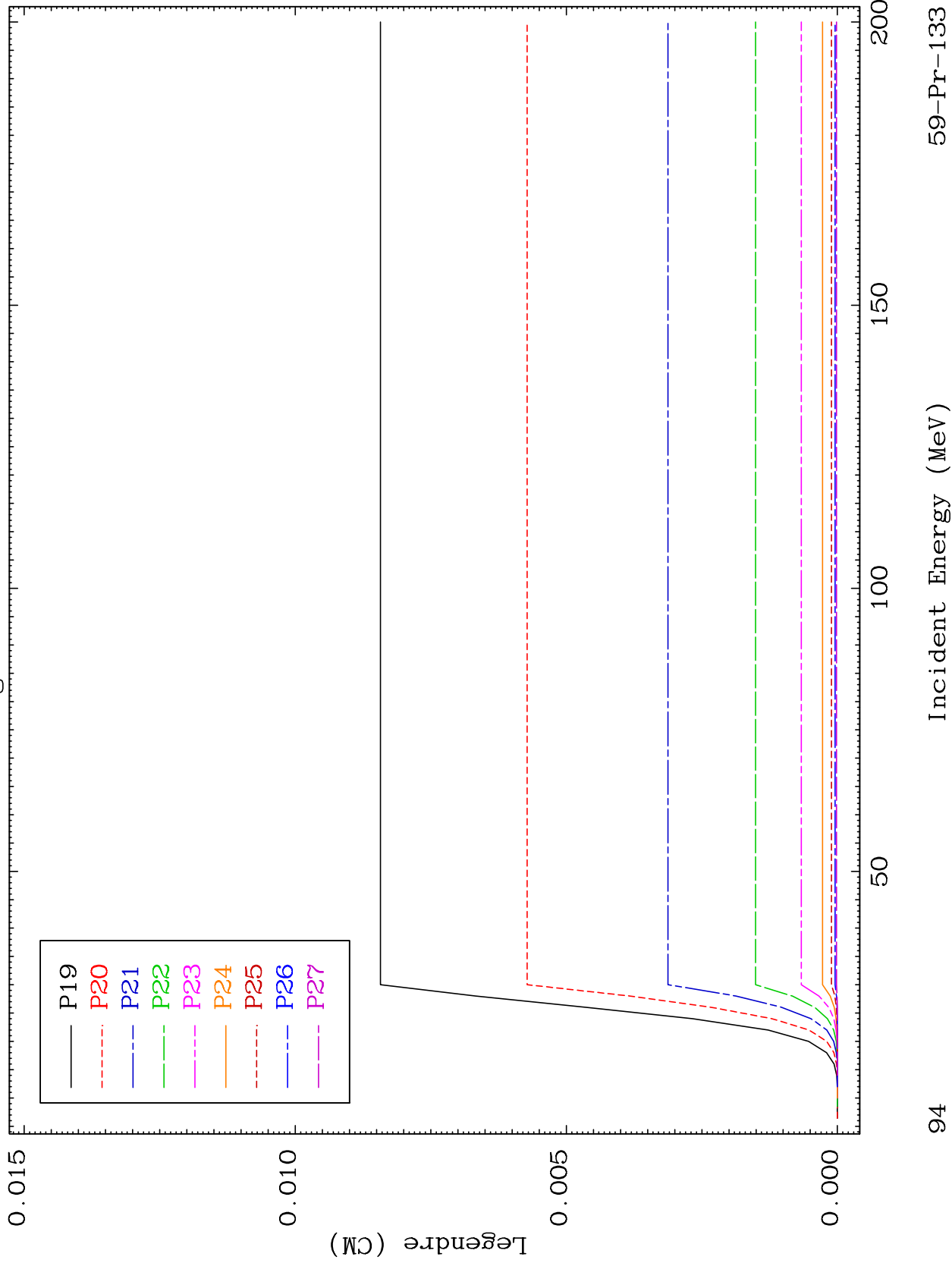
59-Pr-133



93

Incident Energy (MeV)

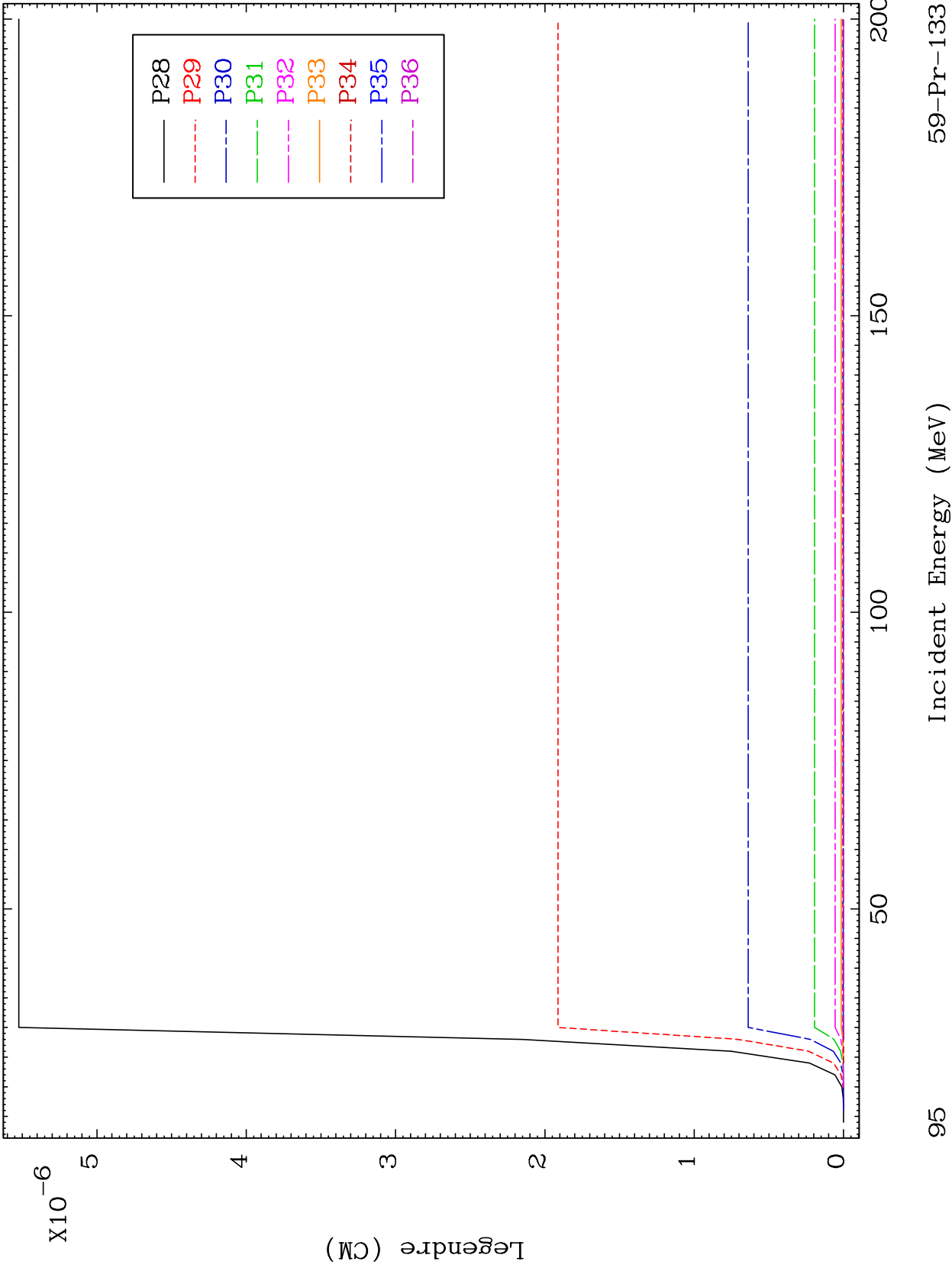
59-Pr-133



MAT 5901

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

59-Pr-133



95

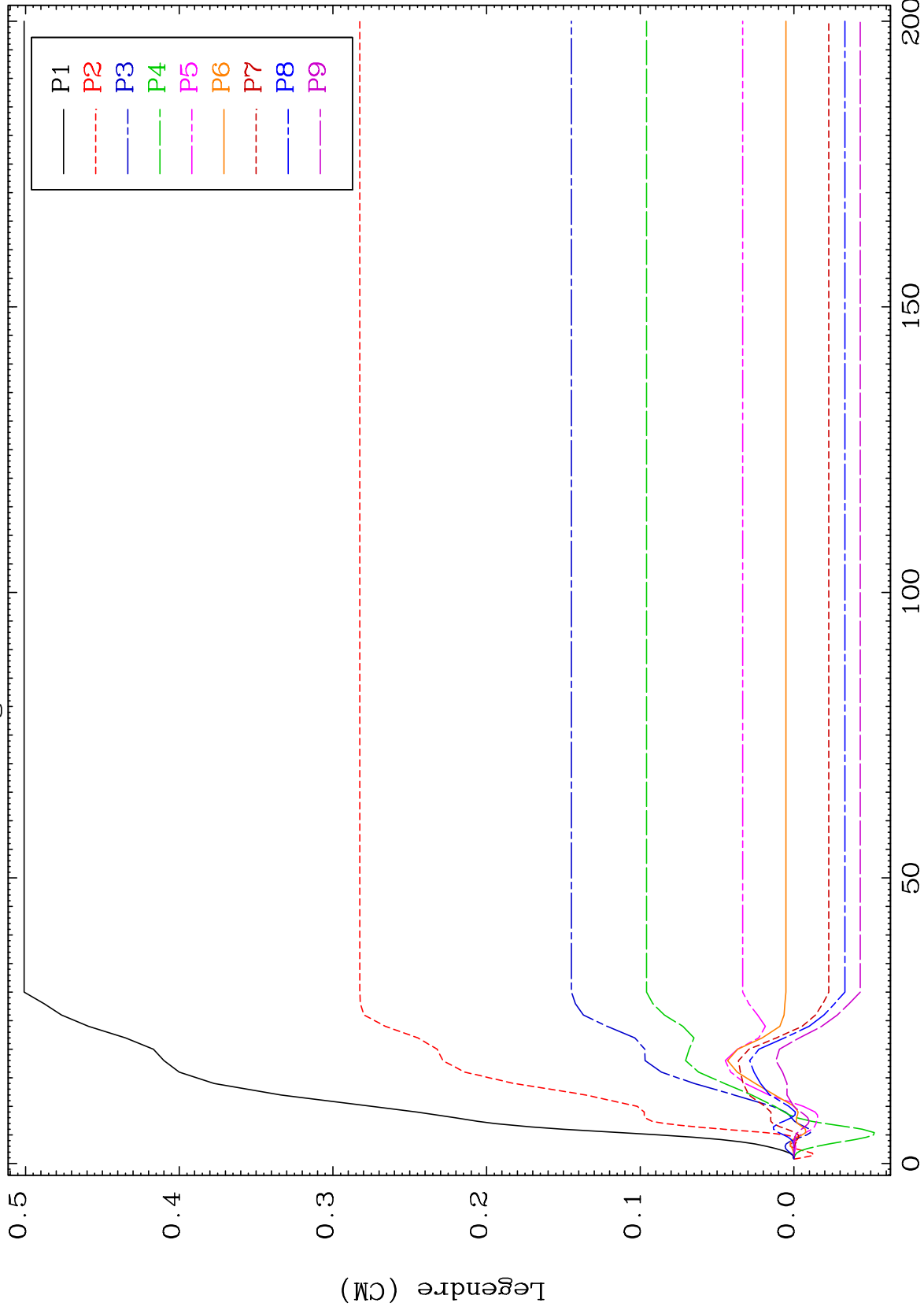
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



96

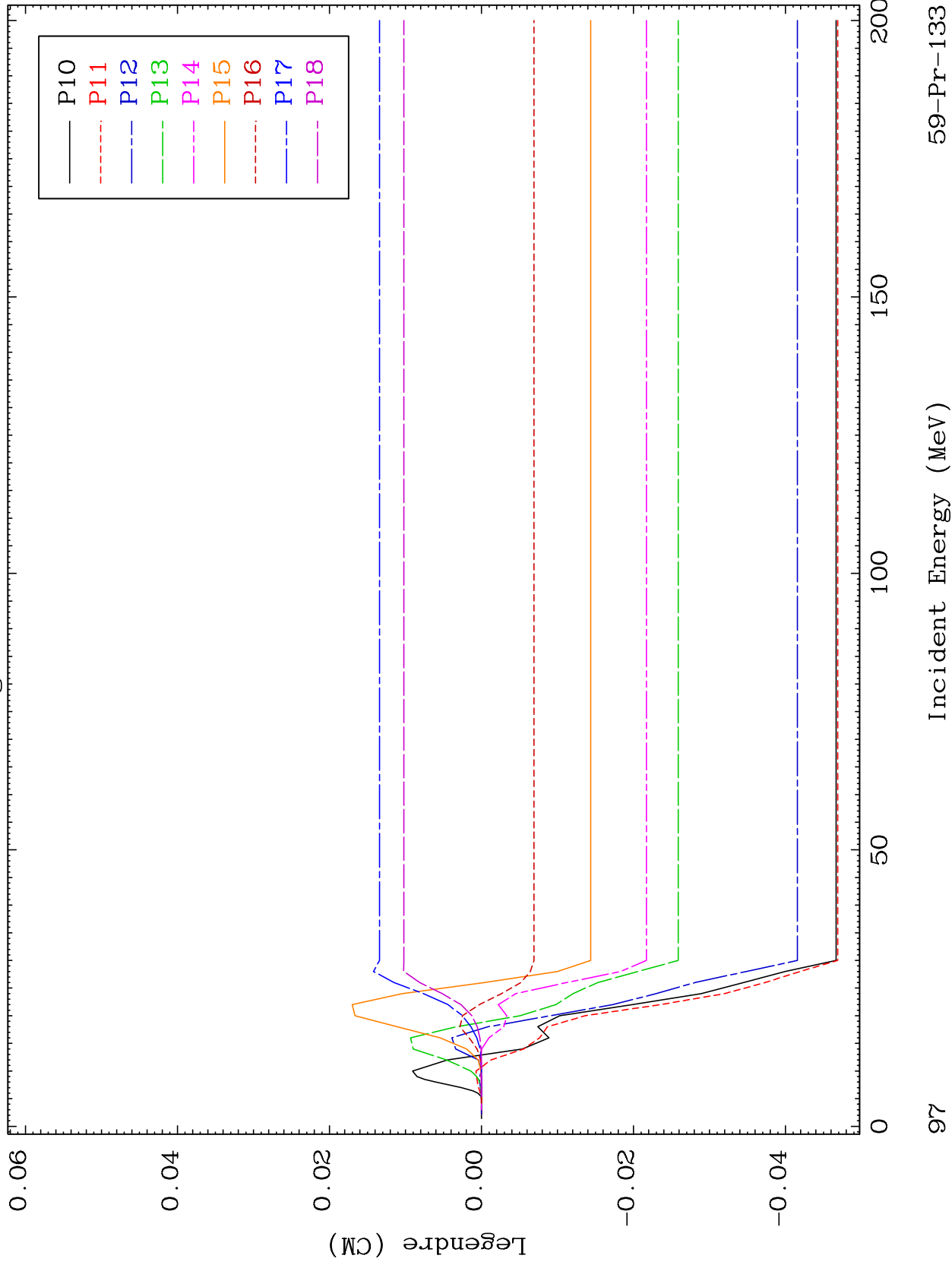
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

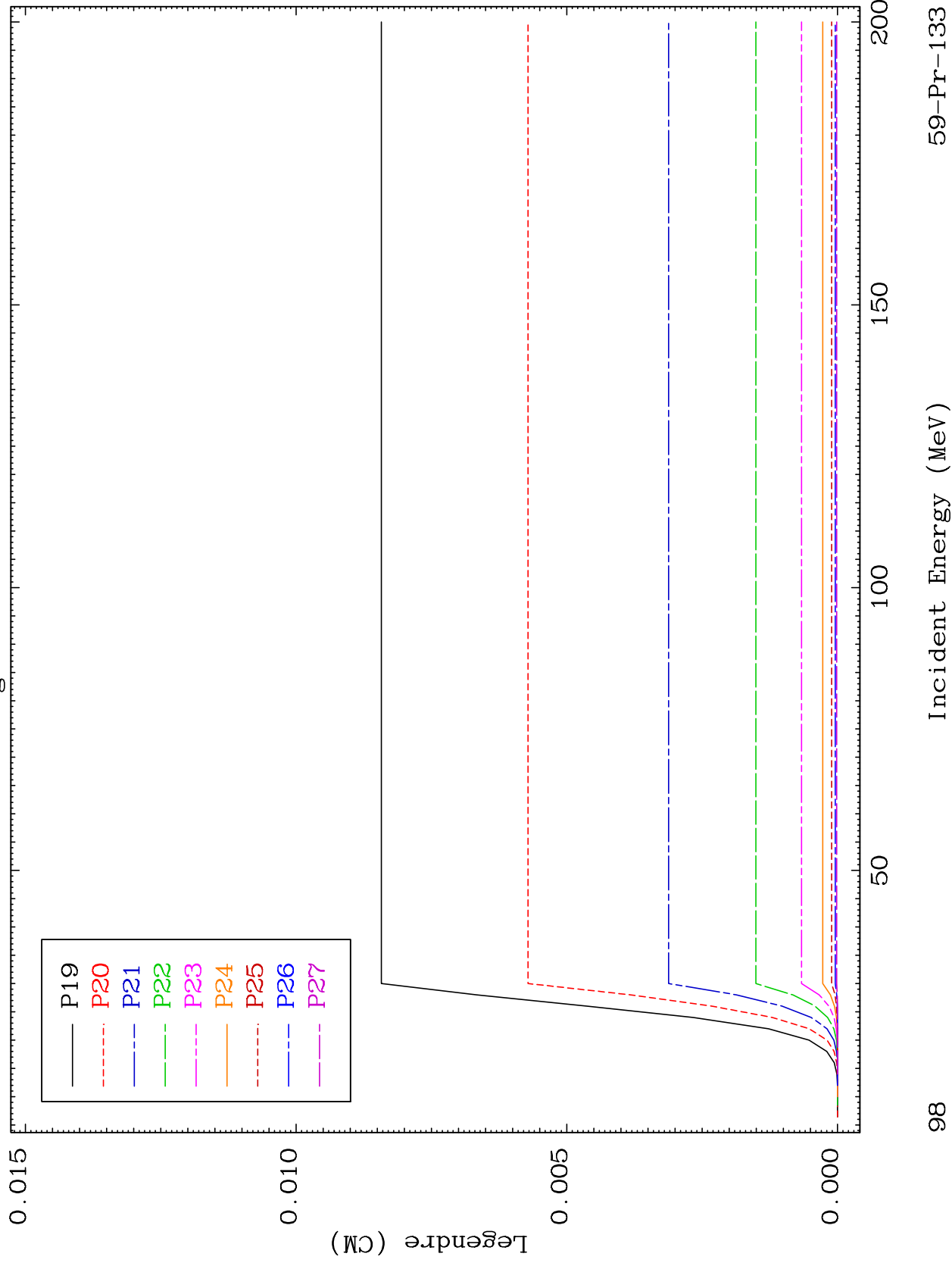
59-Pr-133



59-Pr-133

Incident Energy (MeV)

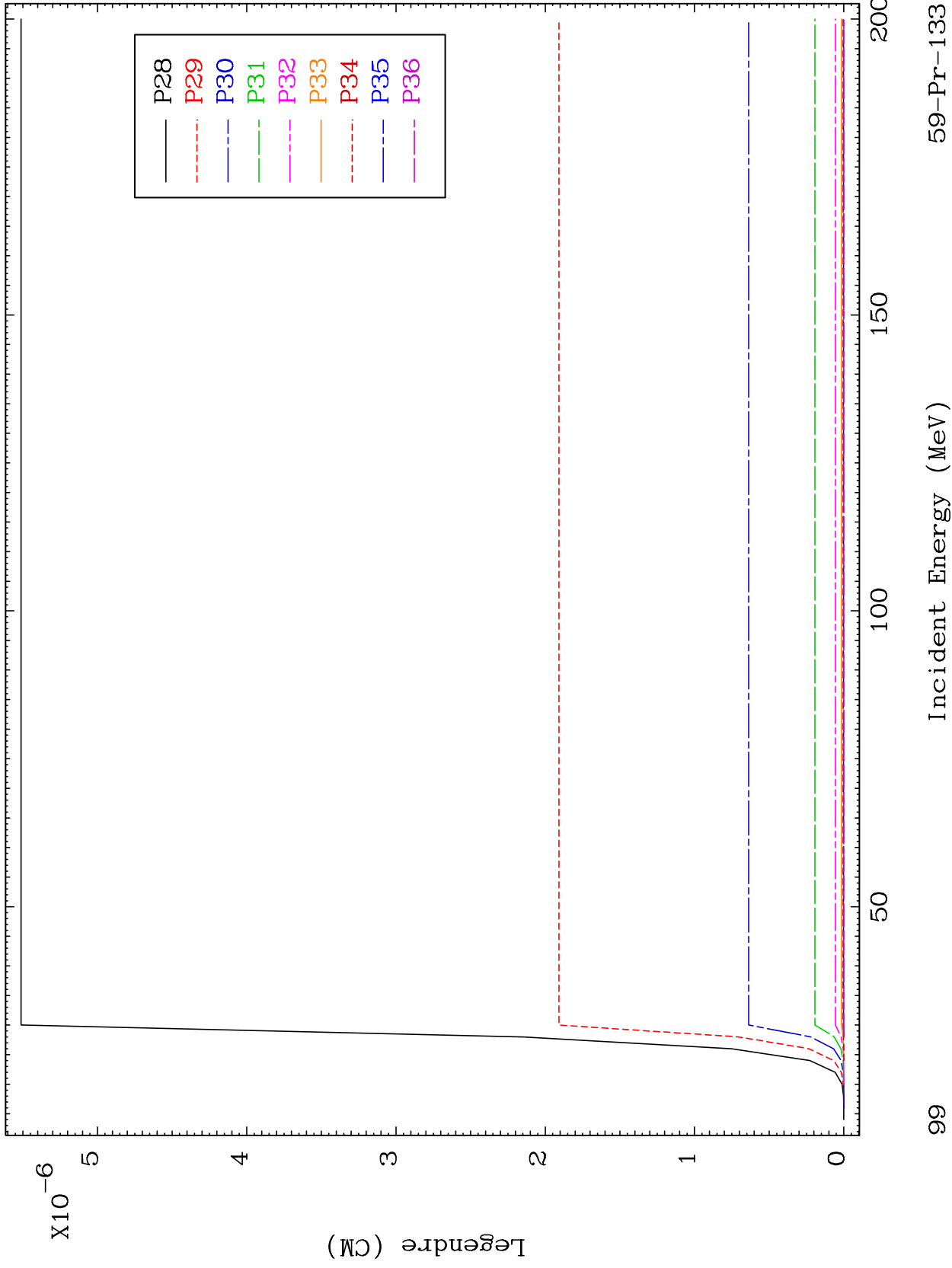
97



MAT 5901

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

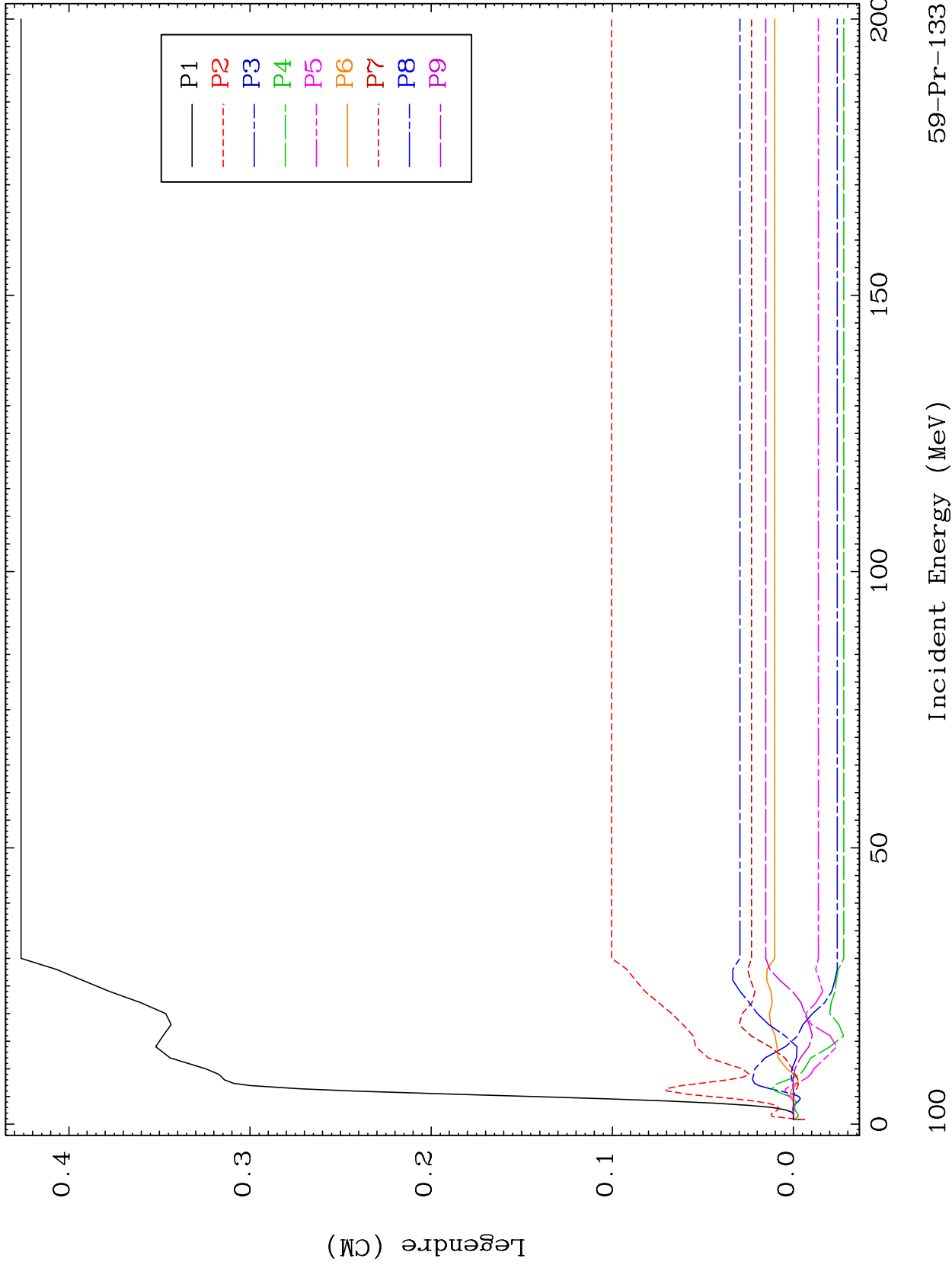
59-Pr-133



MAT 5901

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

59-Pr-133

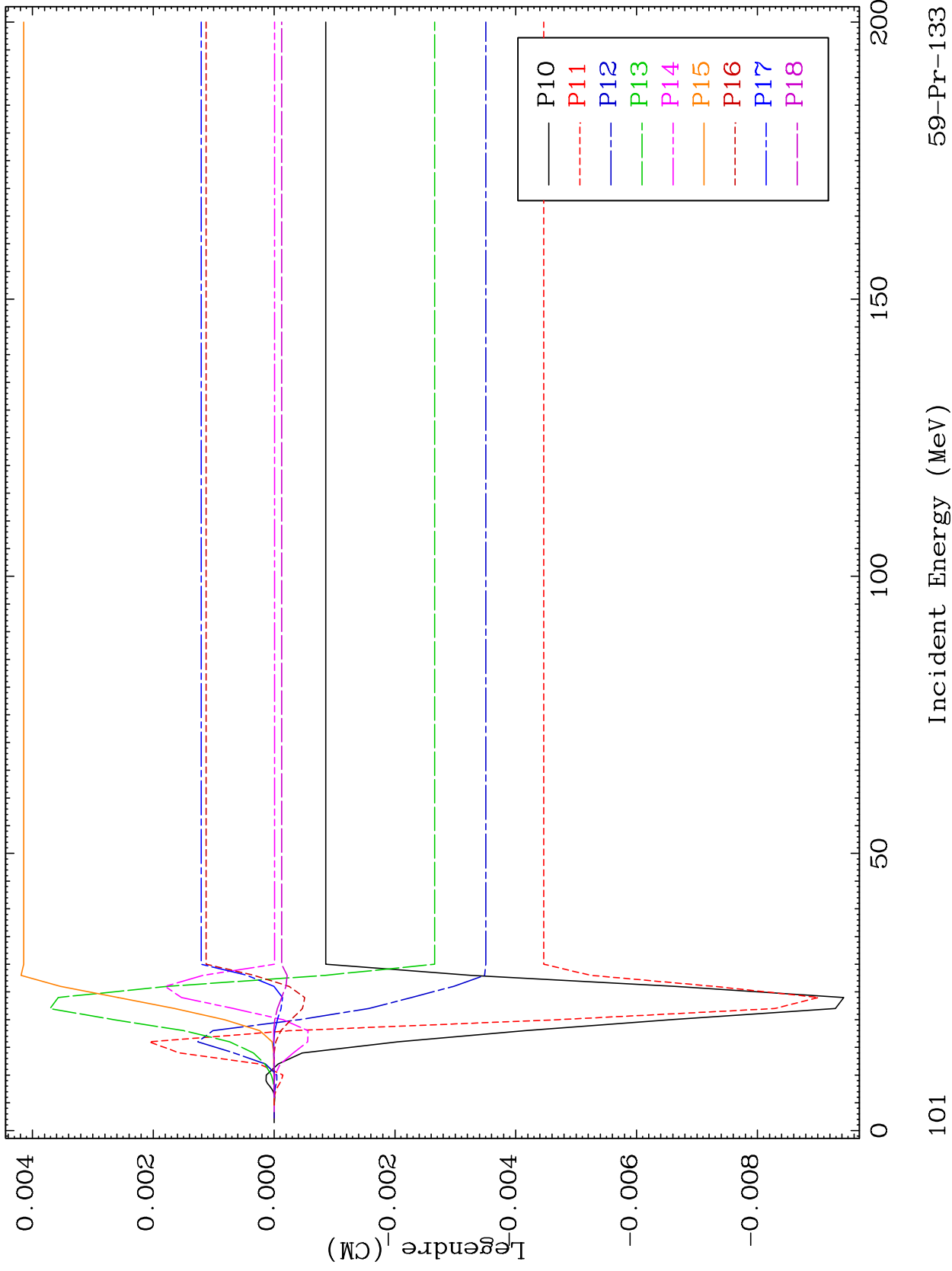


59-Pr-133

MAT 5901

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

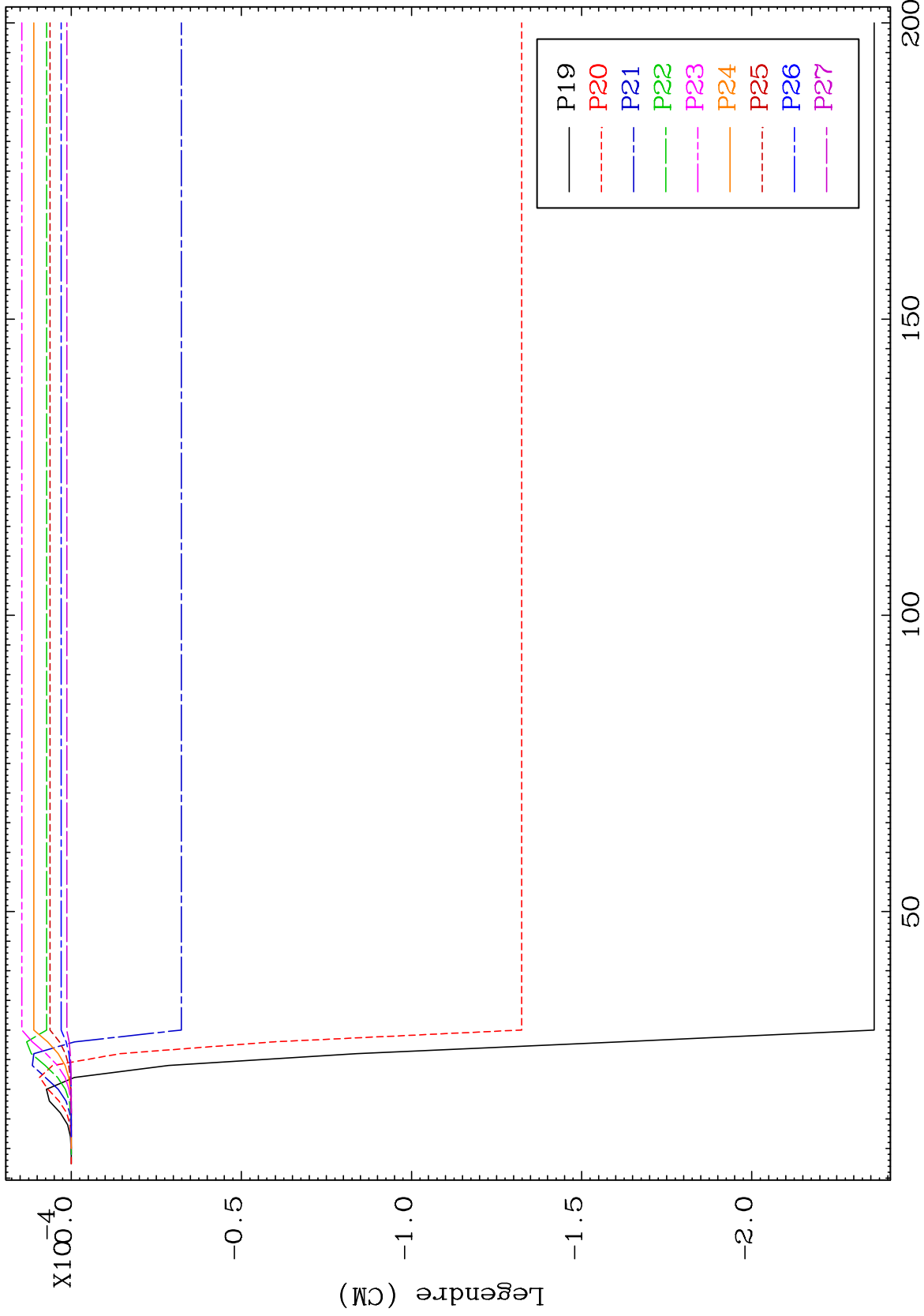
59-Pr-133



101

Incident Energy (MeV)

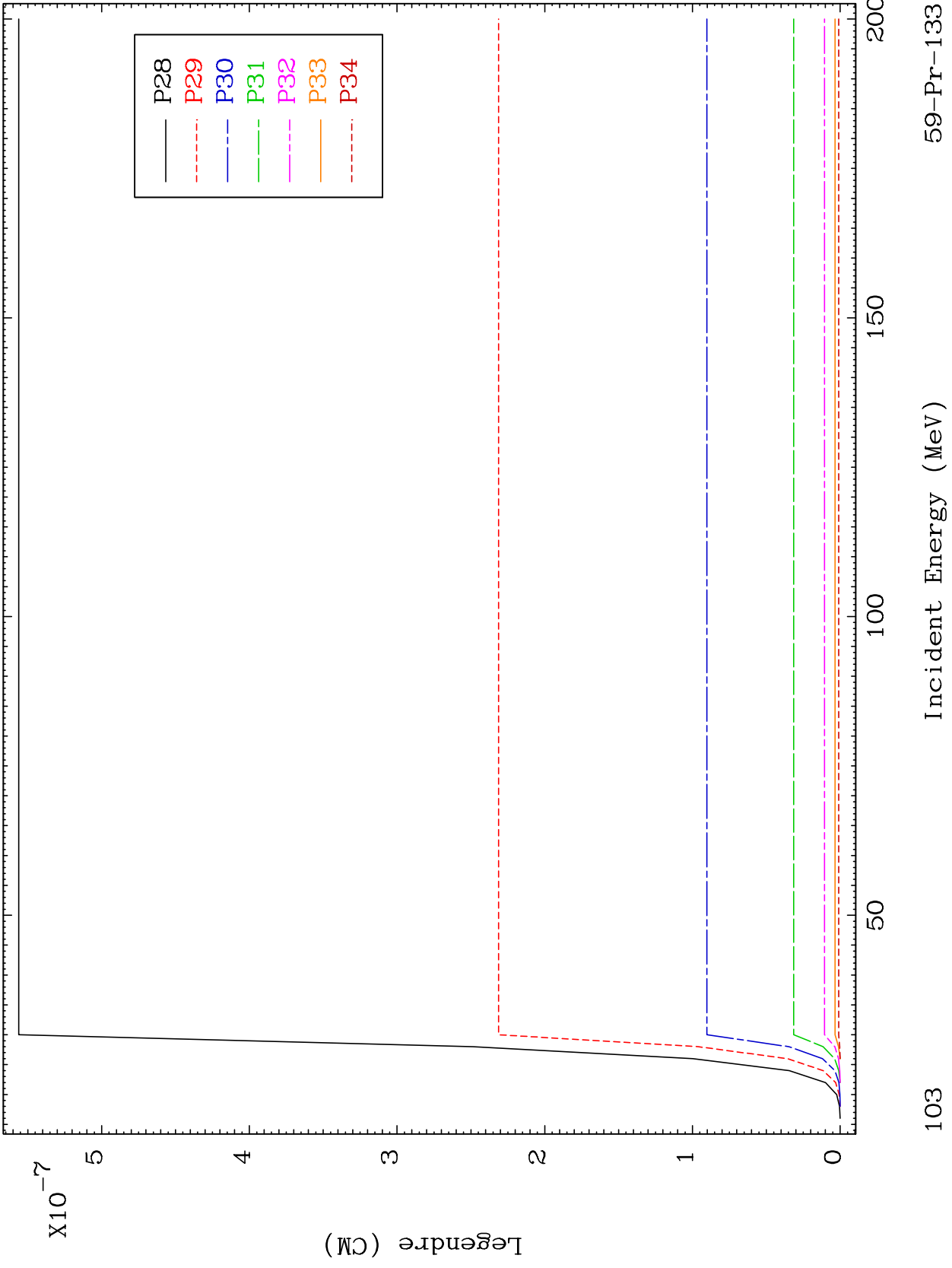
59-Pr-133



MAT 5901

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

59-Pr-133



103

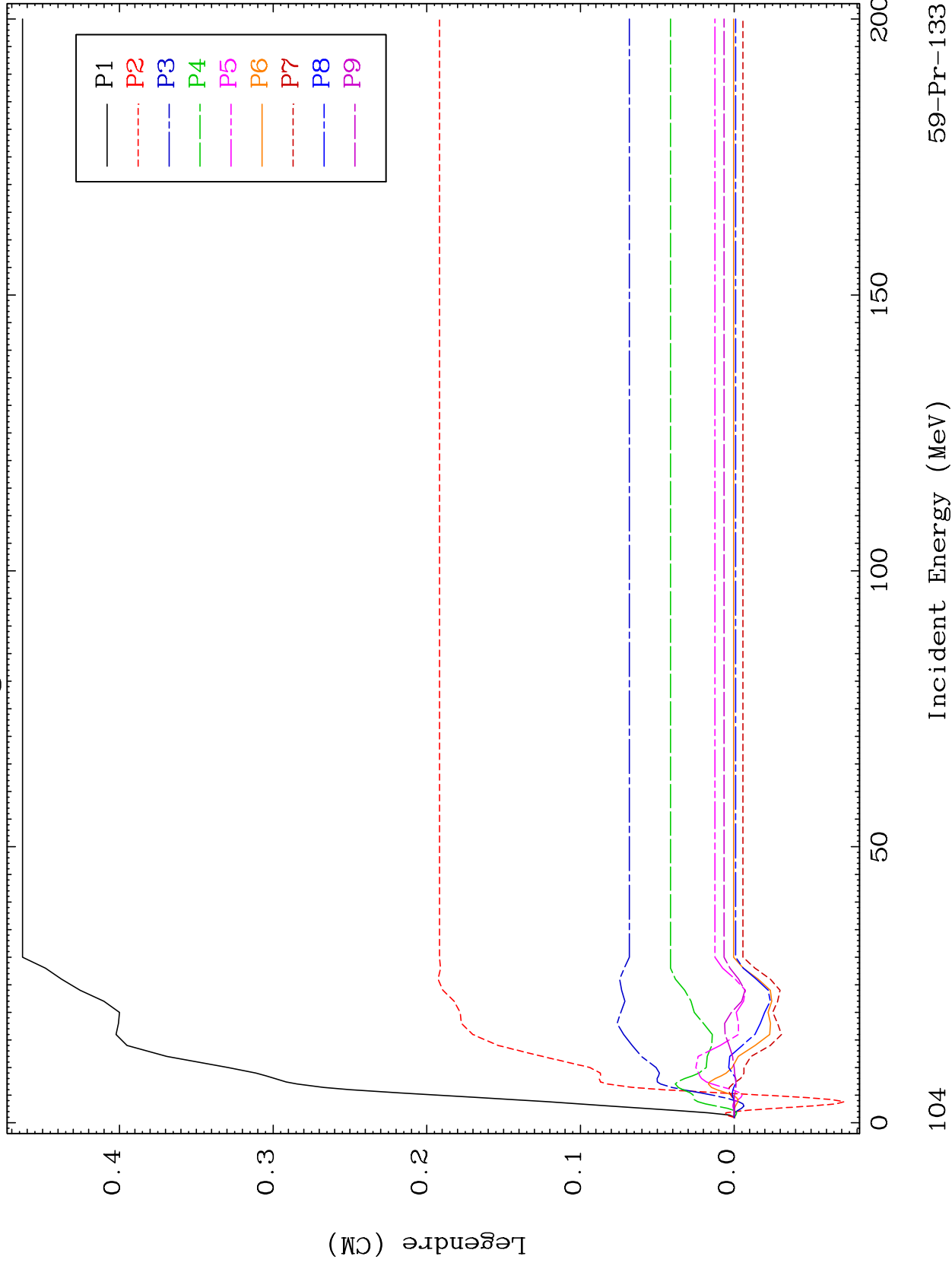
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



59-Pr-133

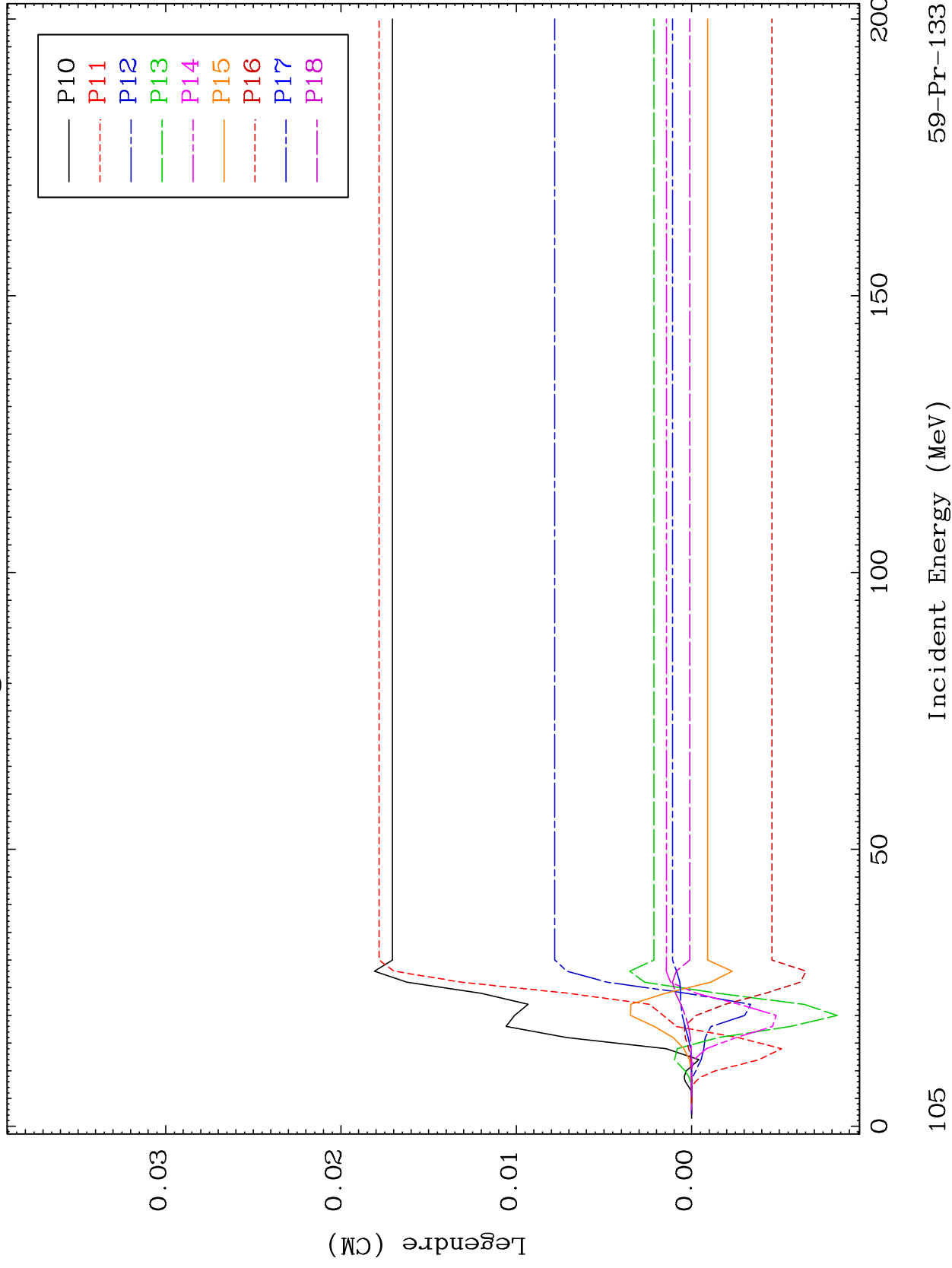
Incident Energy (MeV)

104

MAT 5901

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

59-Pr-133

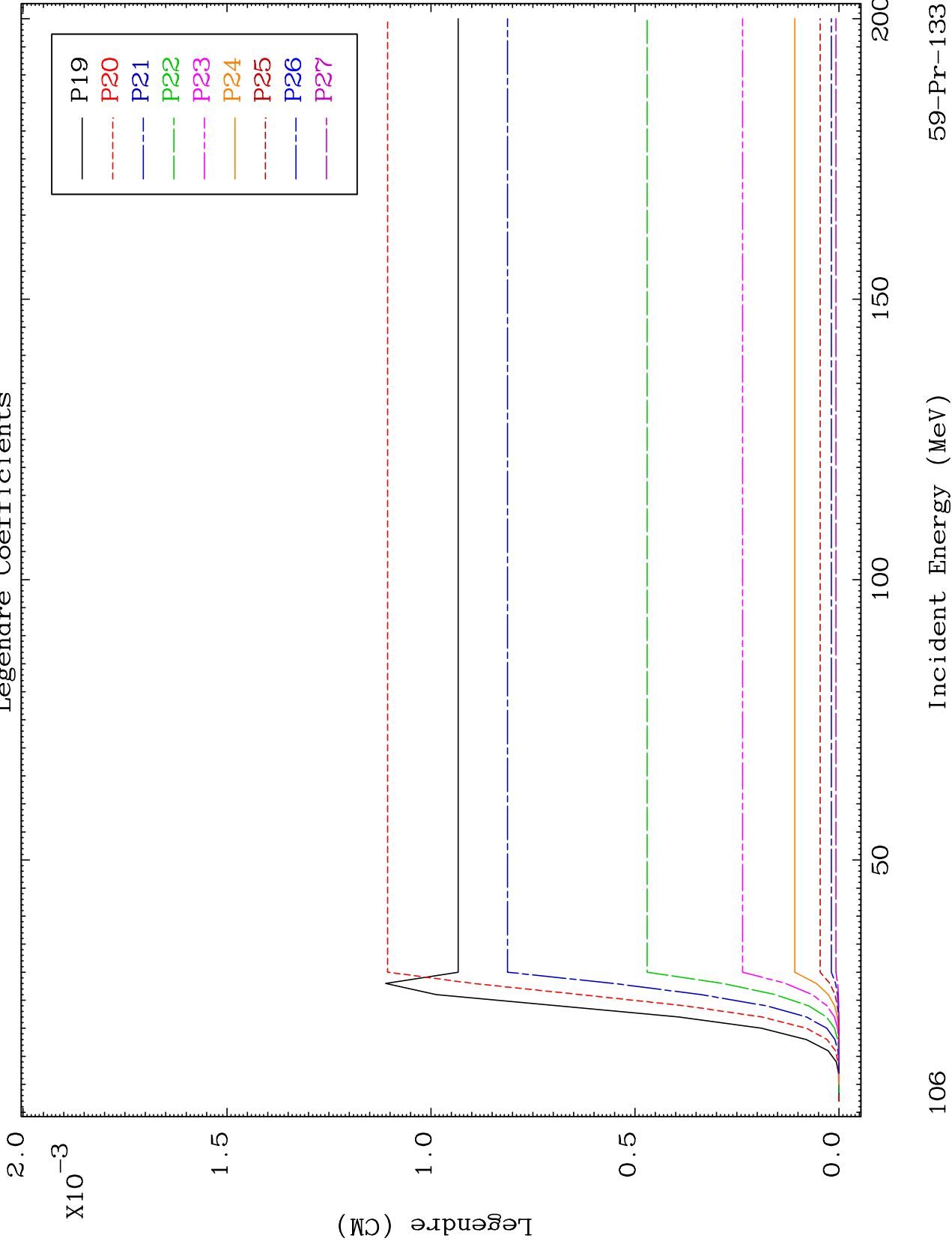


59-Pr-133

MAT 5901

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

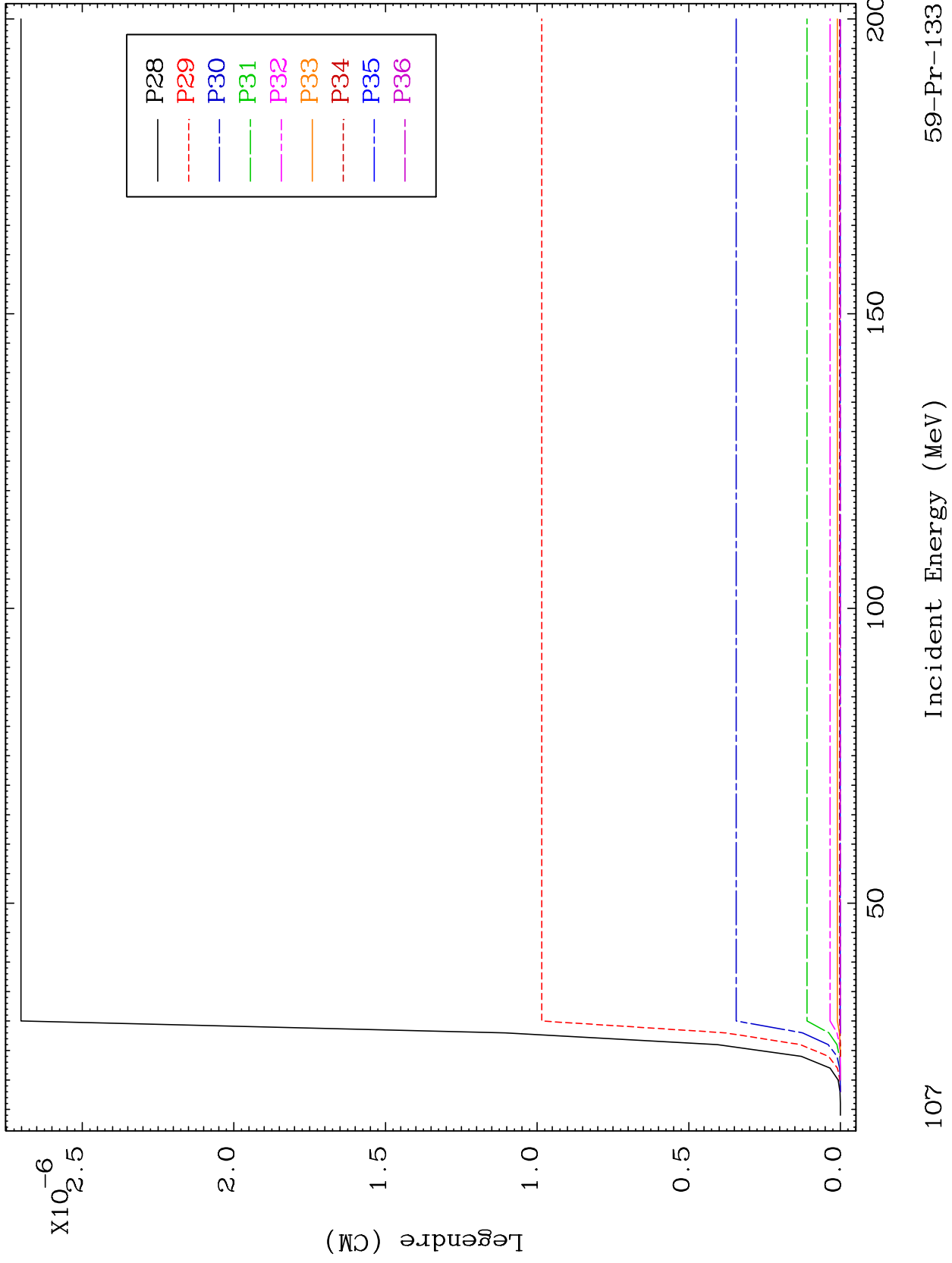
59-Pr-133



MAT 5901

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

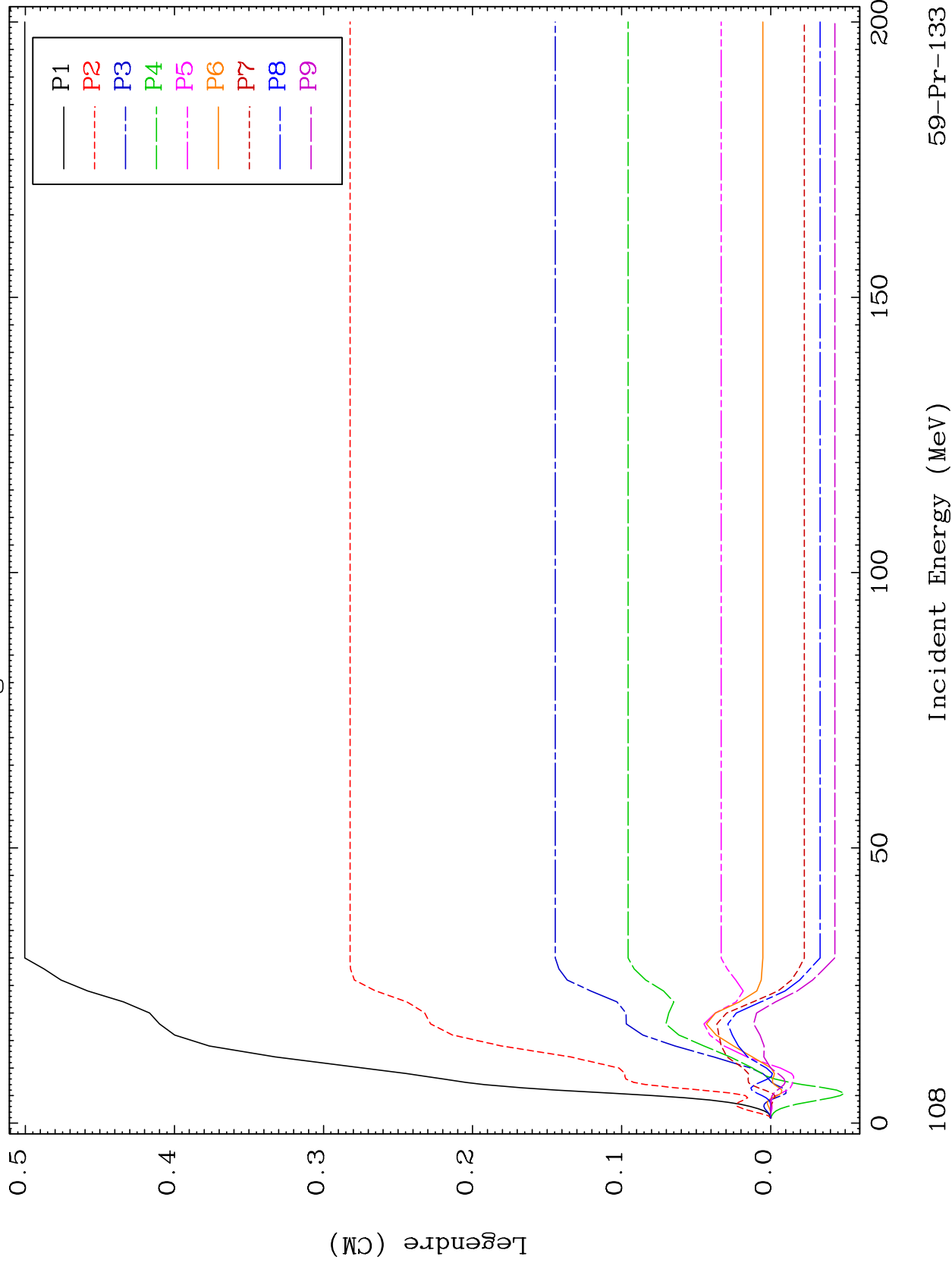
59-Pr-133



MAT 5901

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

59-Pr-133



59-Pr-133

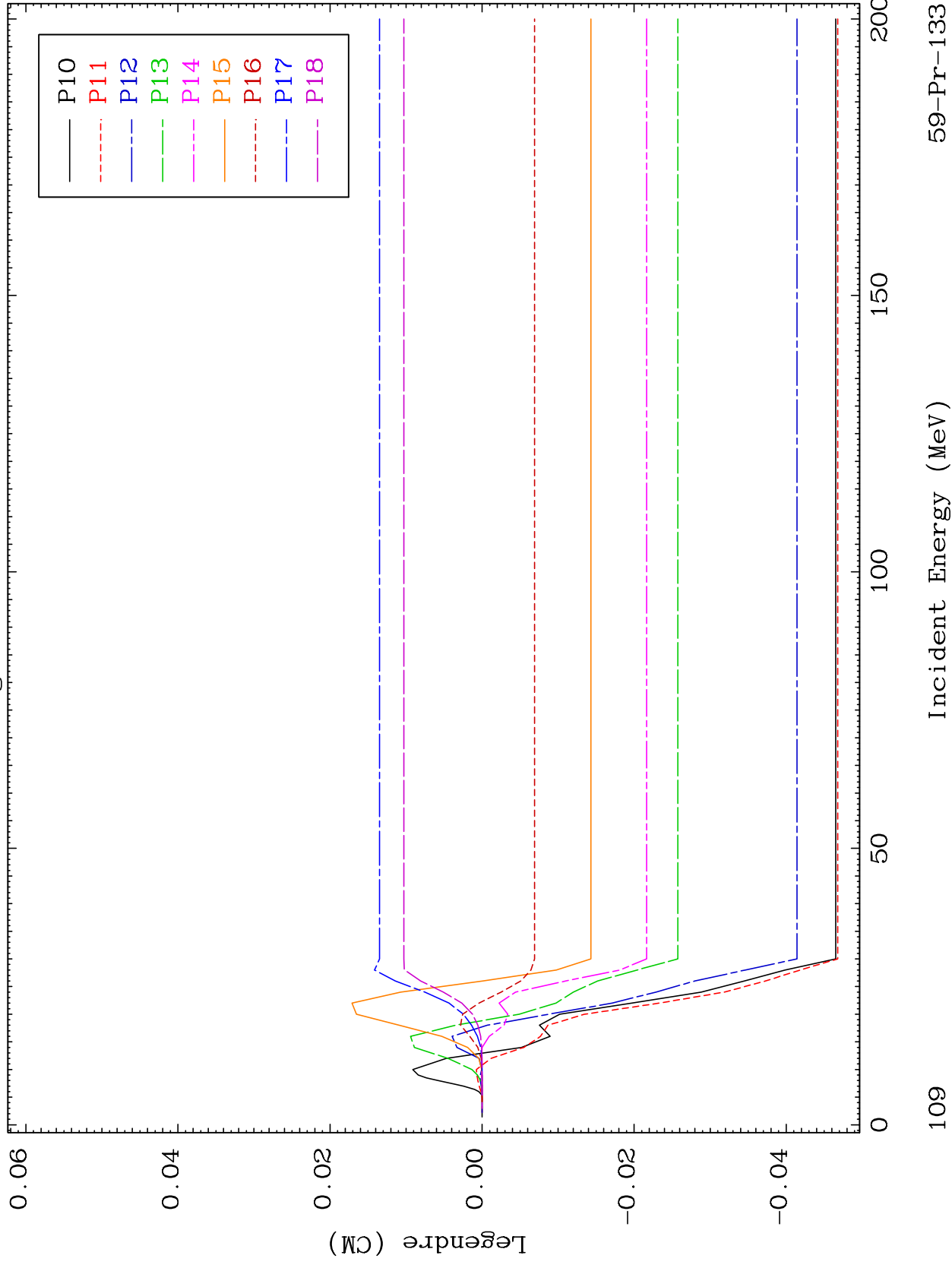
Incident Energy (MeV)

108

MAT 5901

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

59-Pr-133



59-Pr-133

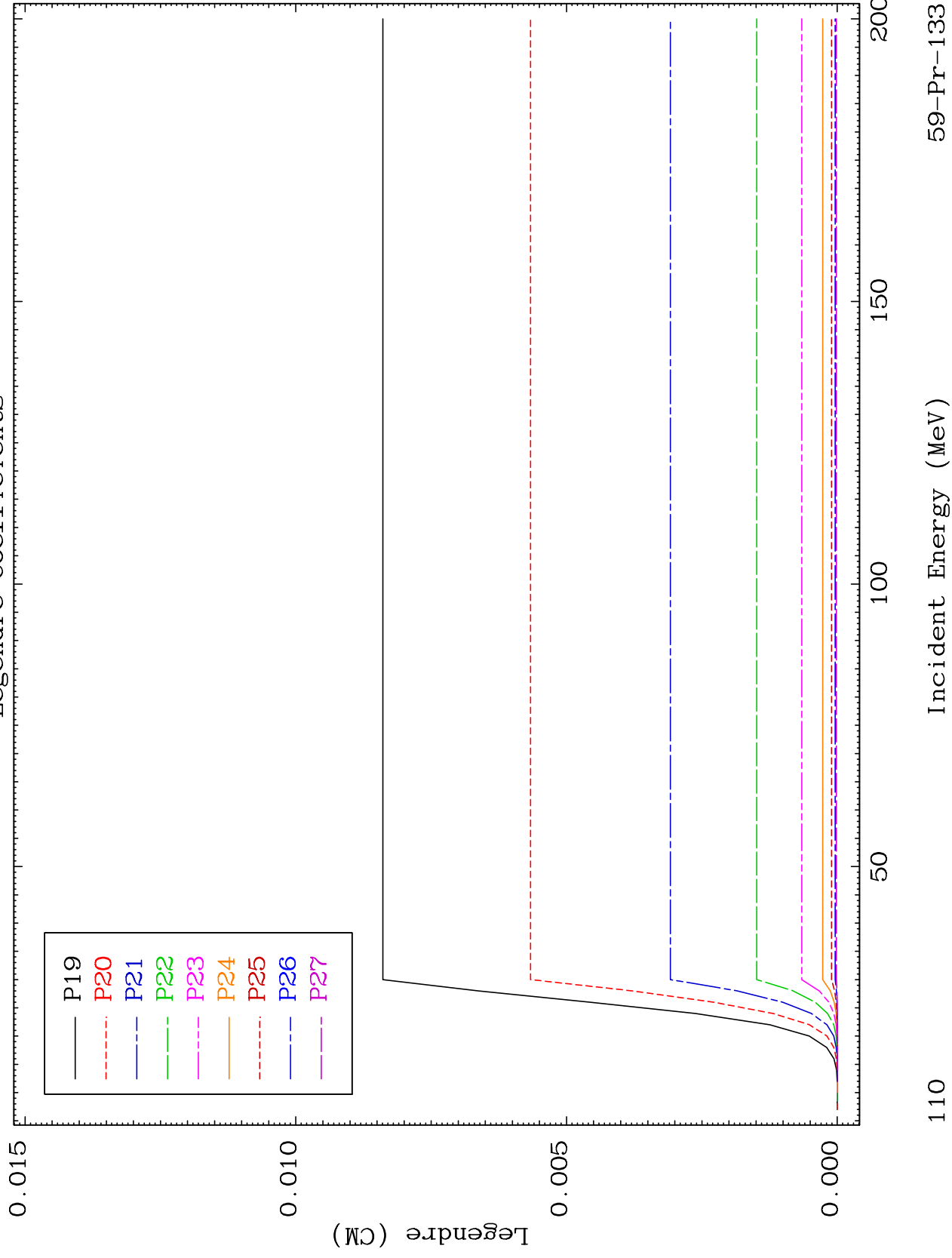
Incident Energy (MeV)

109

MAT 5901

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

59-Pr-133



110

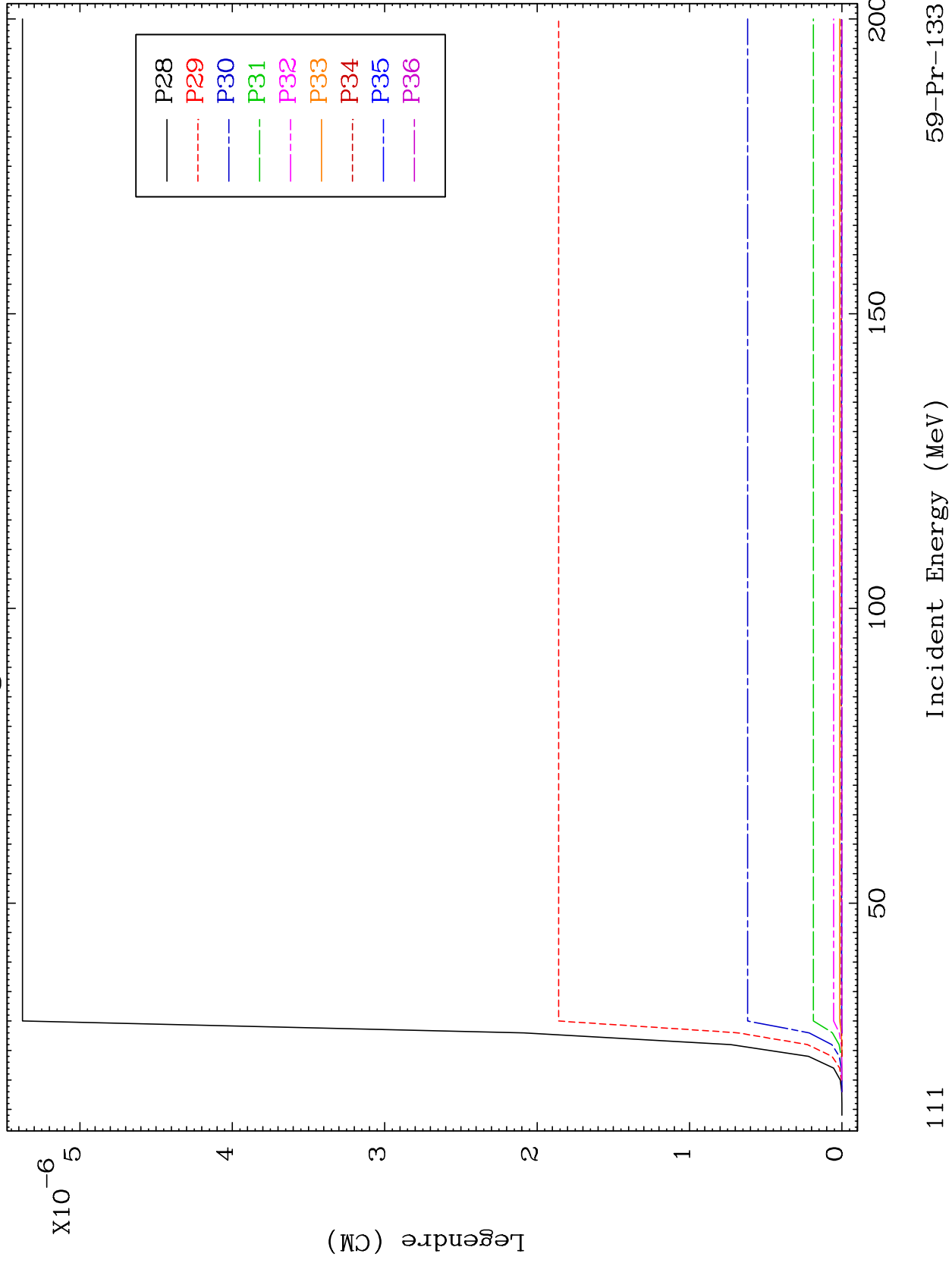
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133

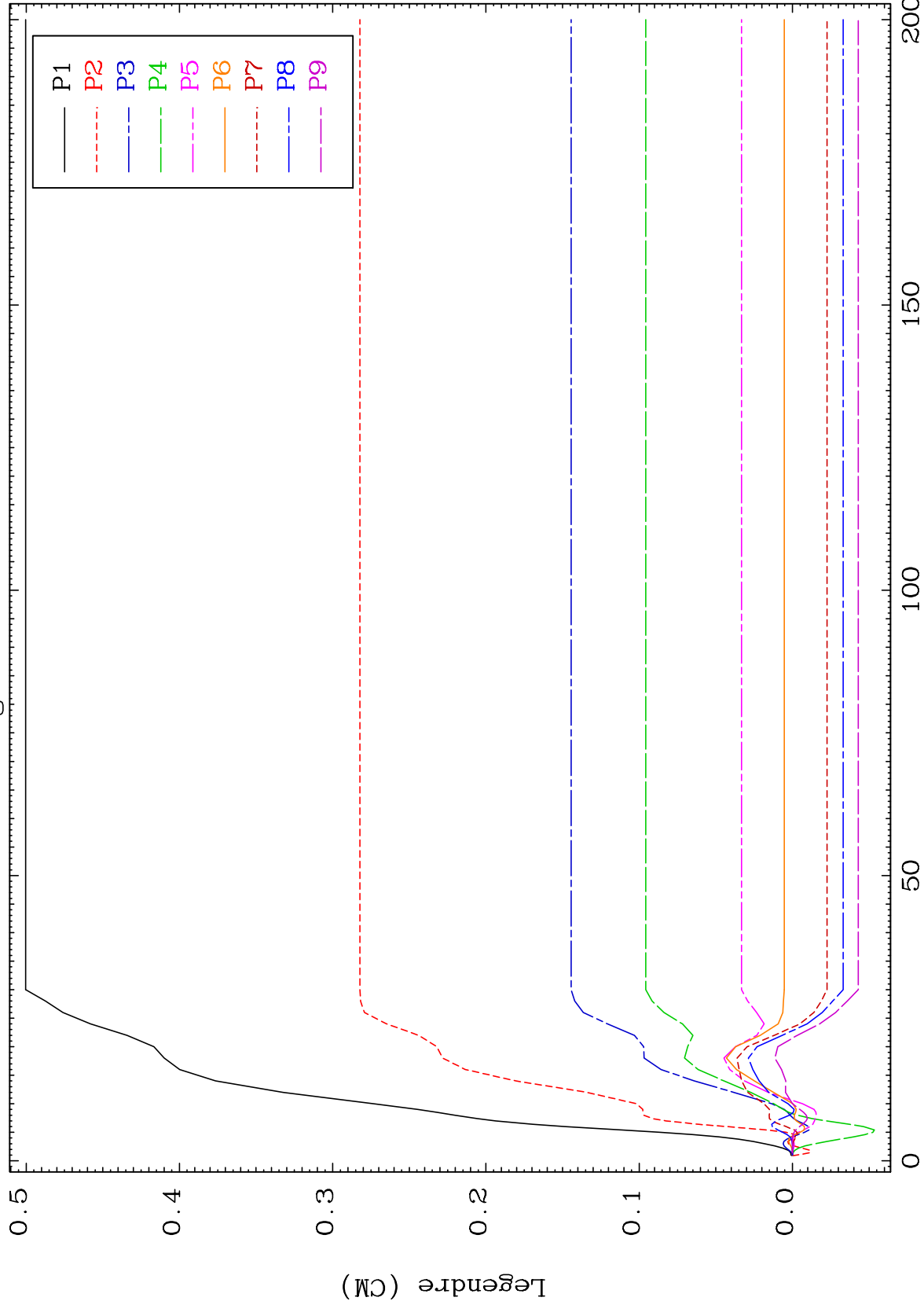


MAT 5901

MT= 74 (n,n') Level

59-Pr-133

Legendre Coefficients



Incident Energy (MeV)

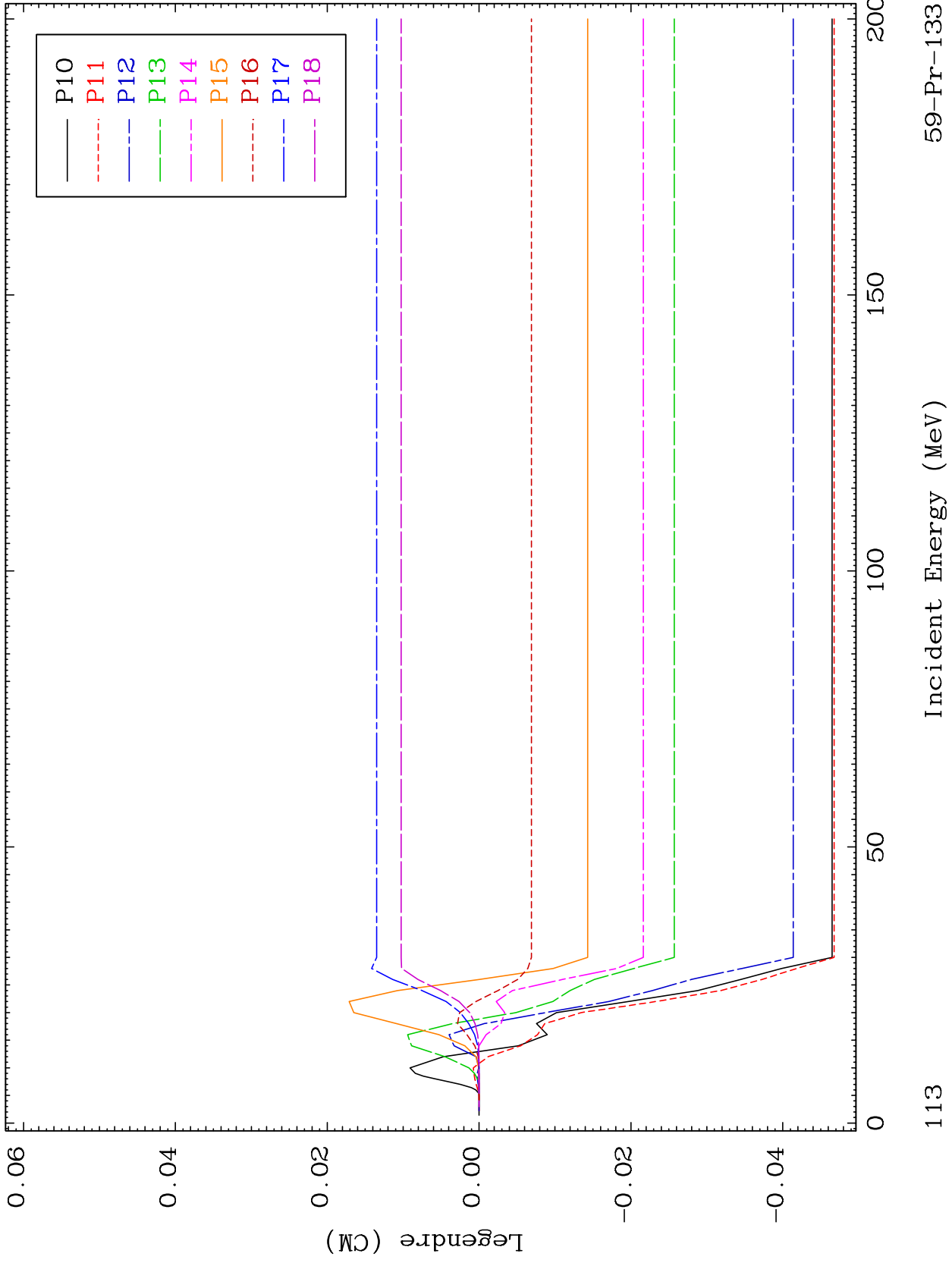
59-Pr-133

112

MAT 5901

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

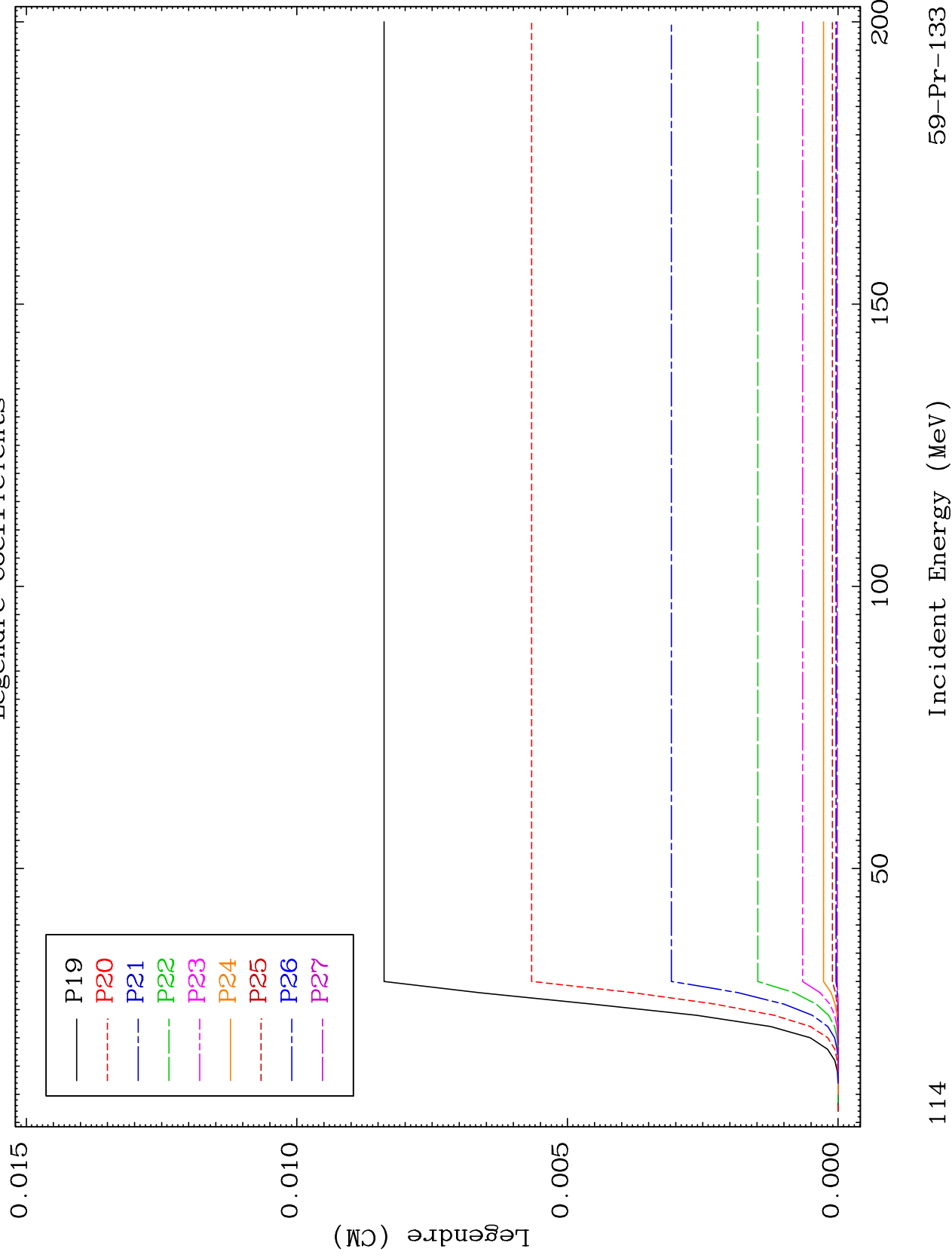
59-Pr-133



113

Incident Energy (MeV)

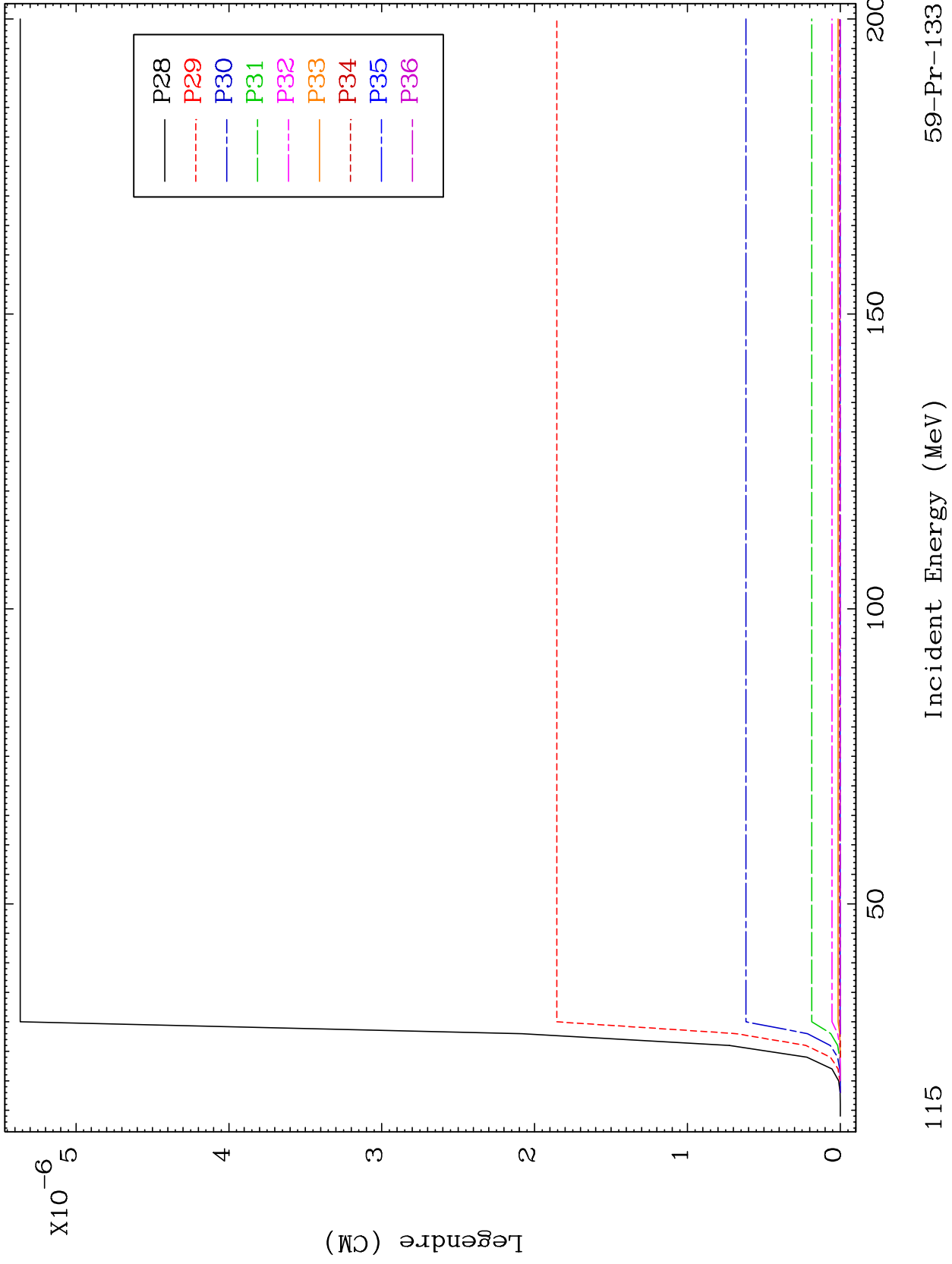
59-Pr-133



MAT 5901

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

59-Pr-133



115

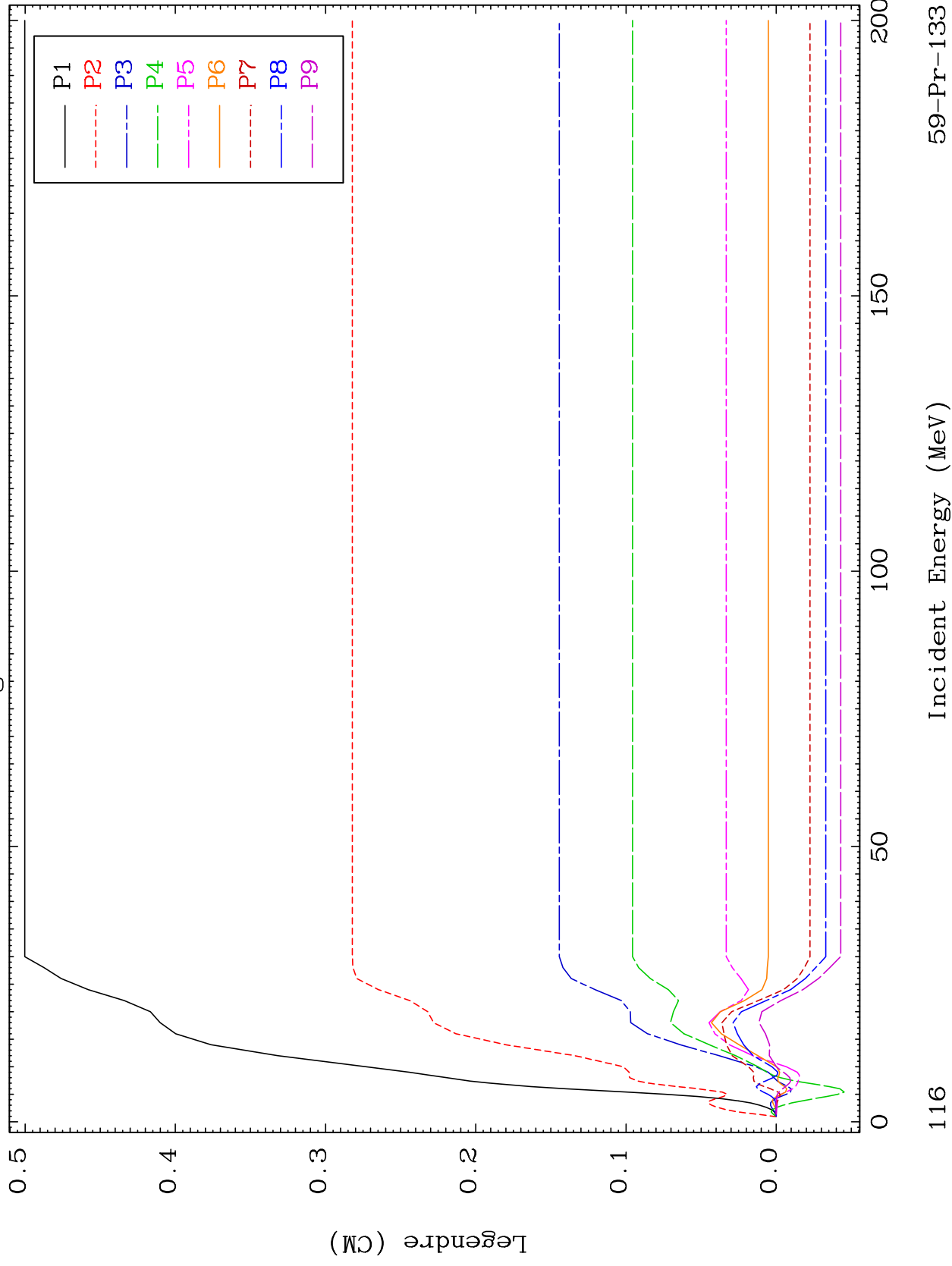
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



59-Pr-133

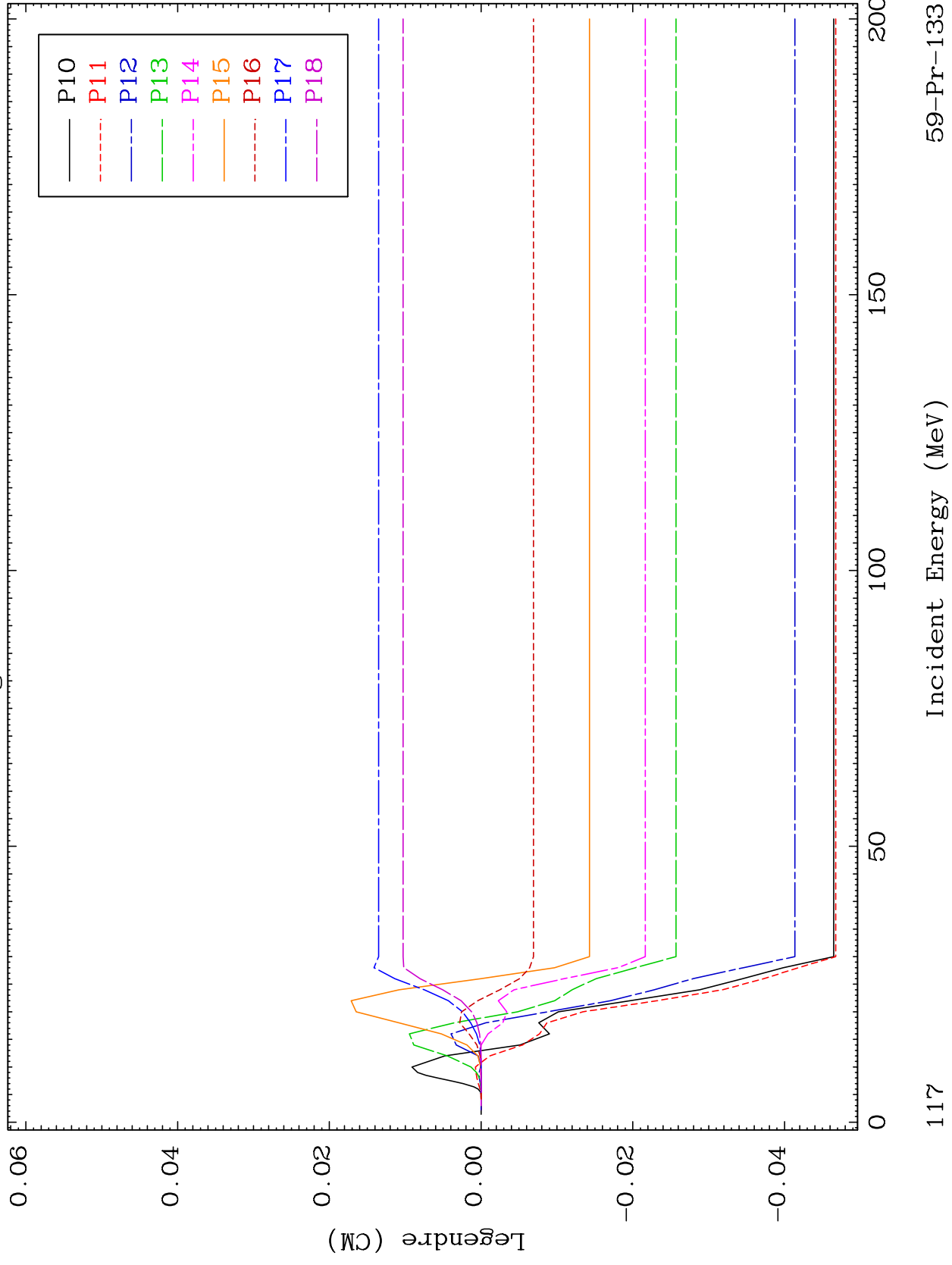
Incident Energy (MeV)

116

MAT 5901

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

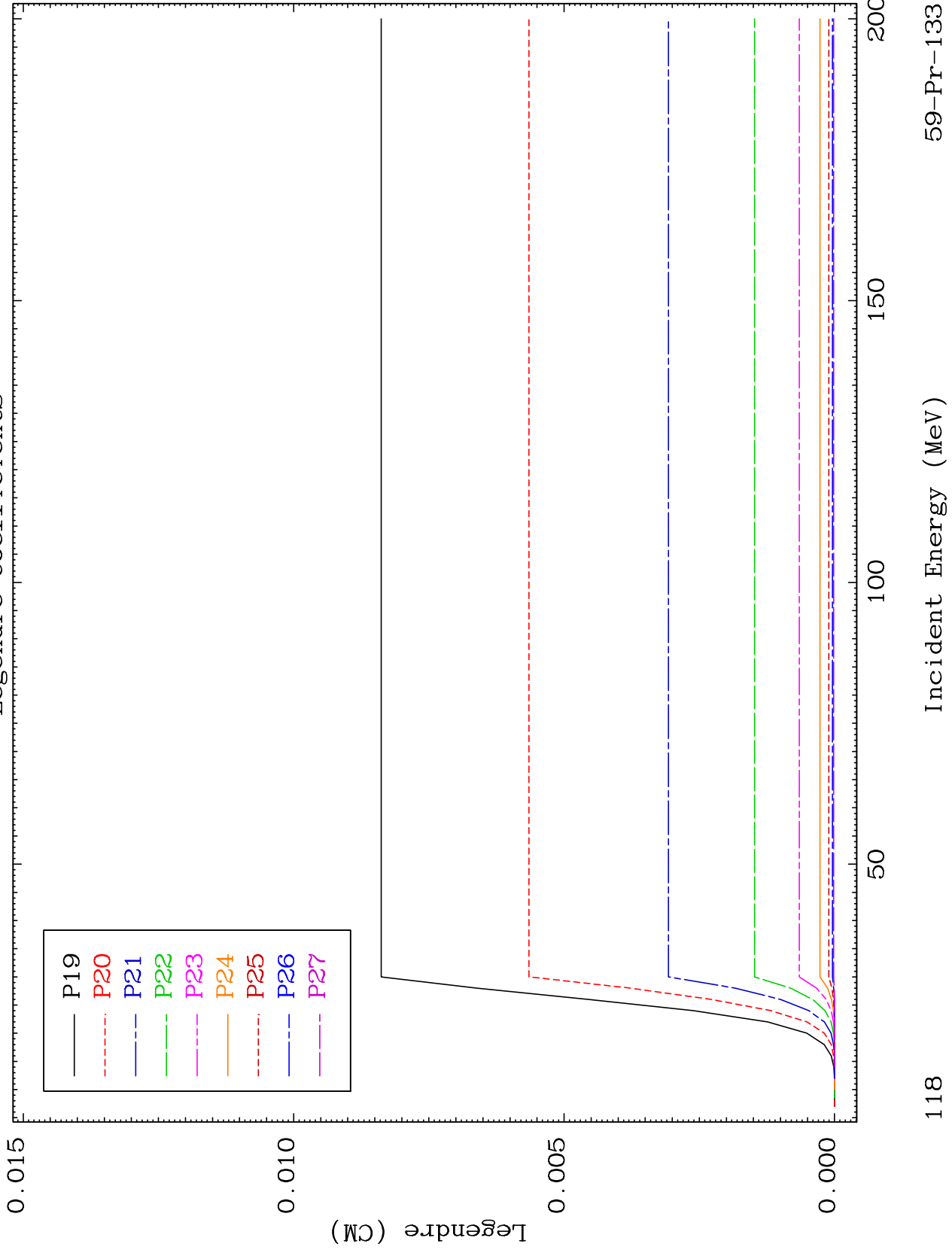
59-Pr-133



117

Incident Energy (MeV)

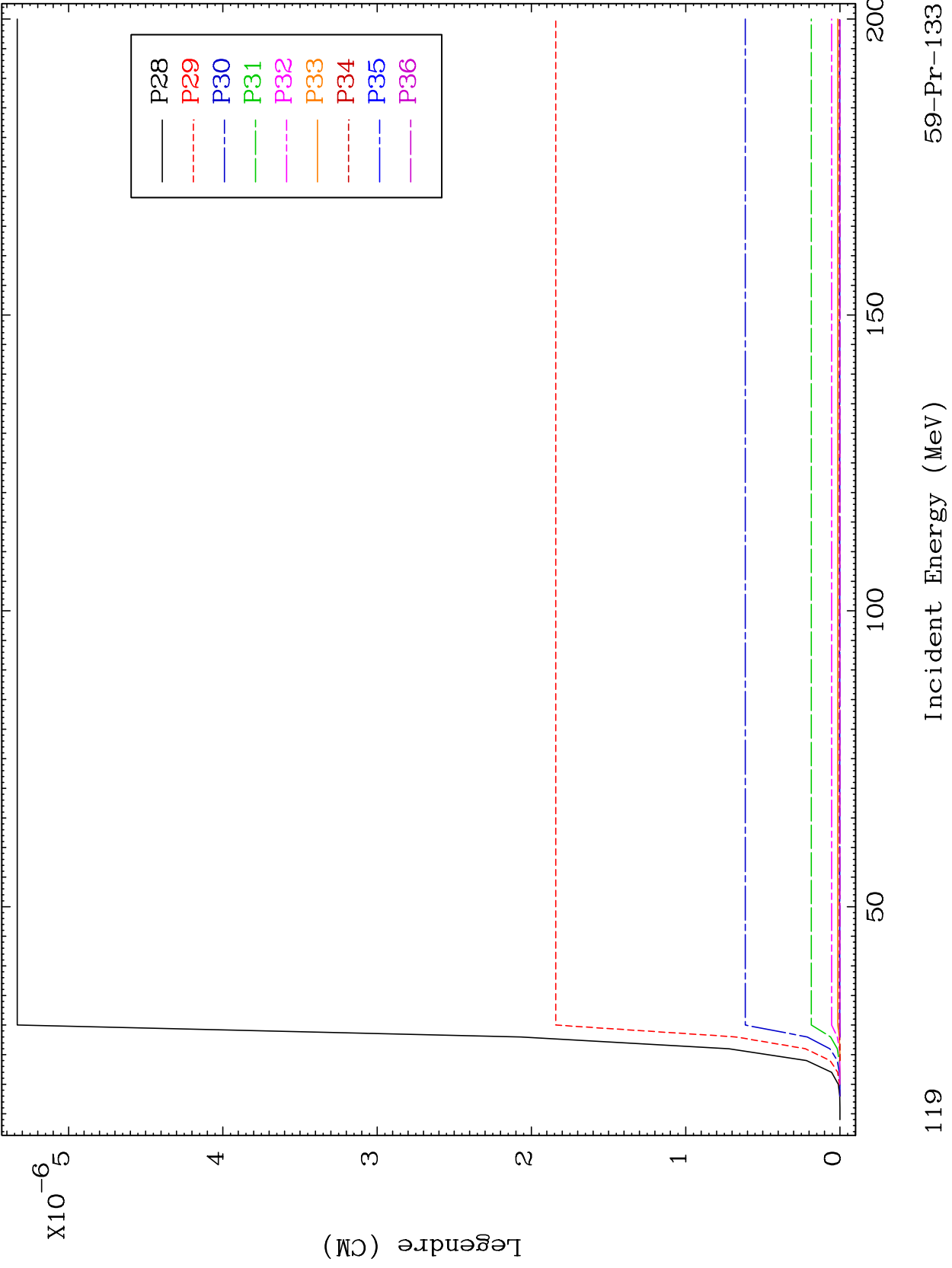
59-Pr-133



MAT 5901

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

59-Pr-133



119

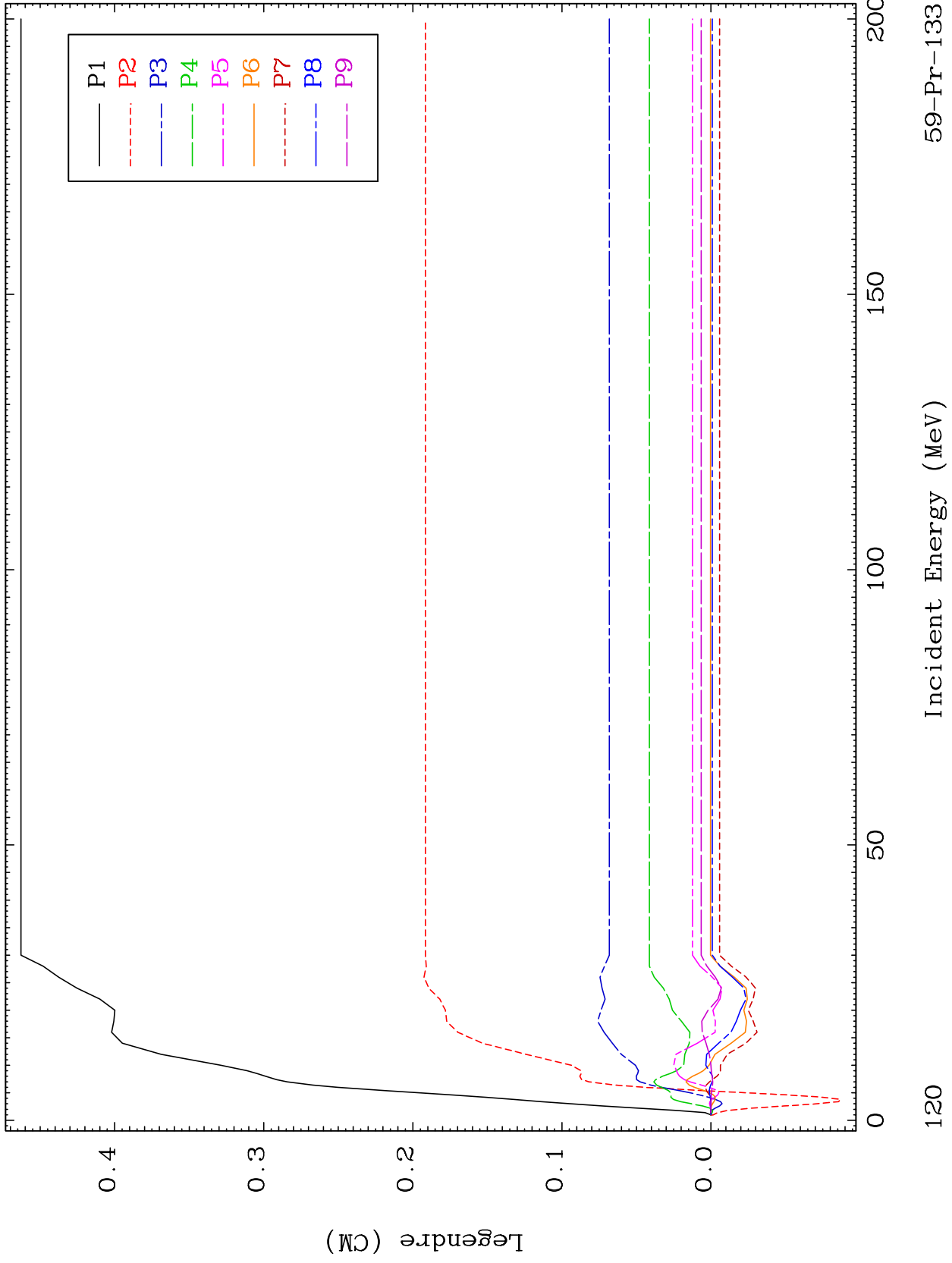
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



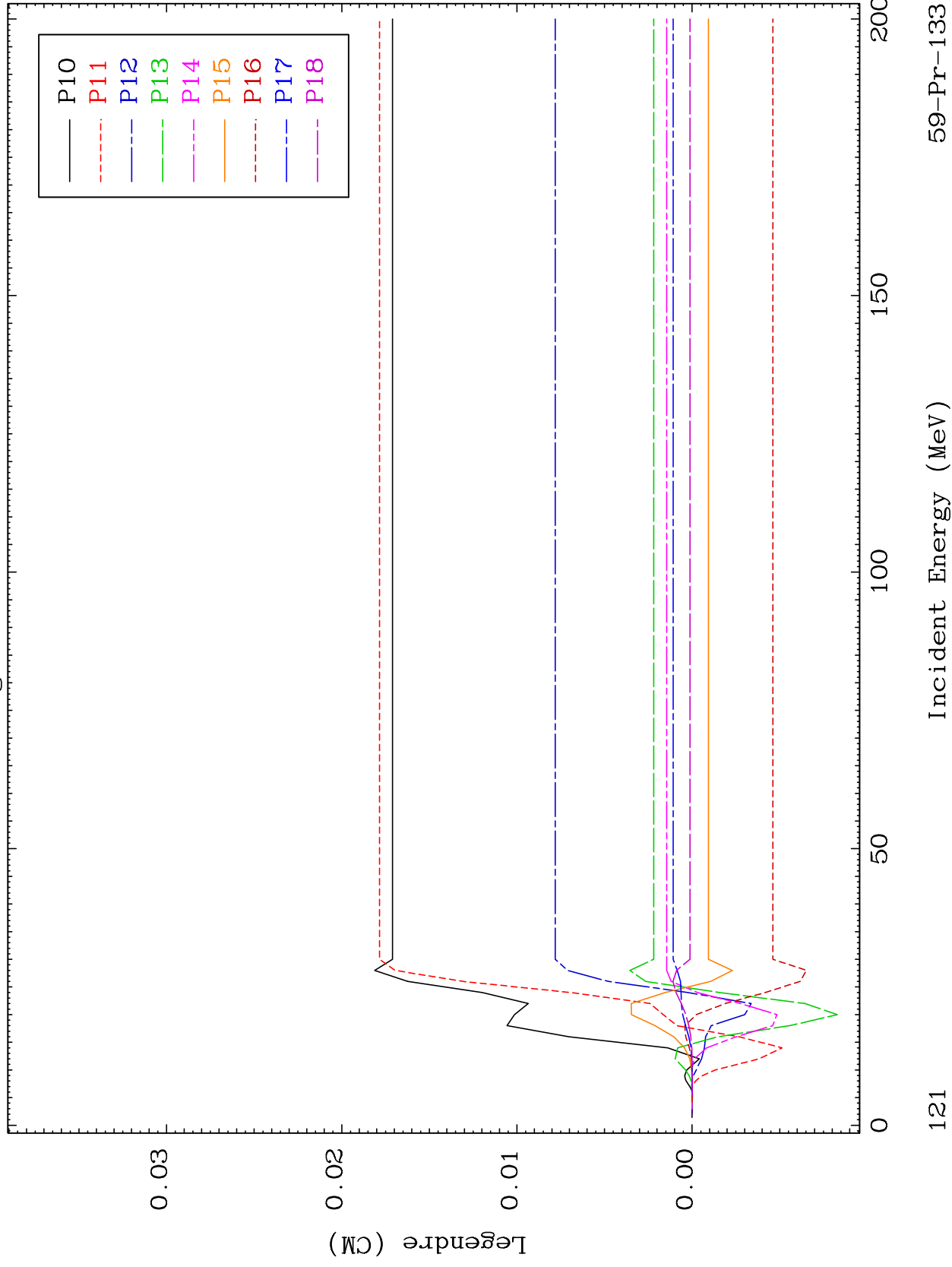
59-Pr-133

Incident Energy (MeV)

MAT 5901

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

59-Pr-133



59-Pr-133

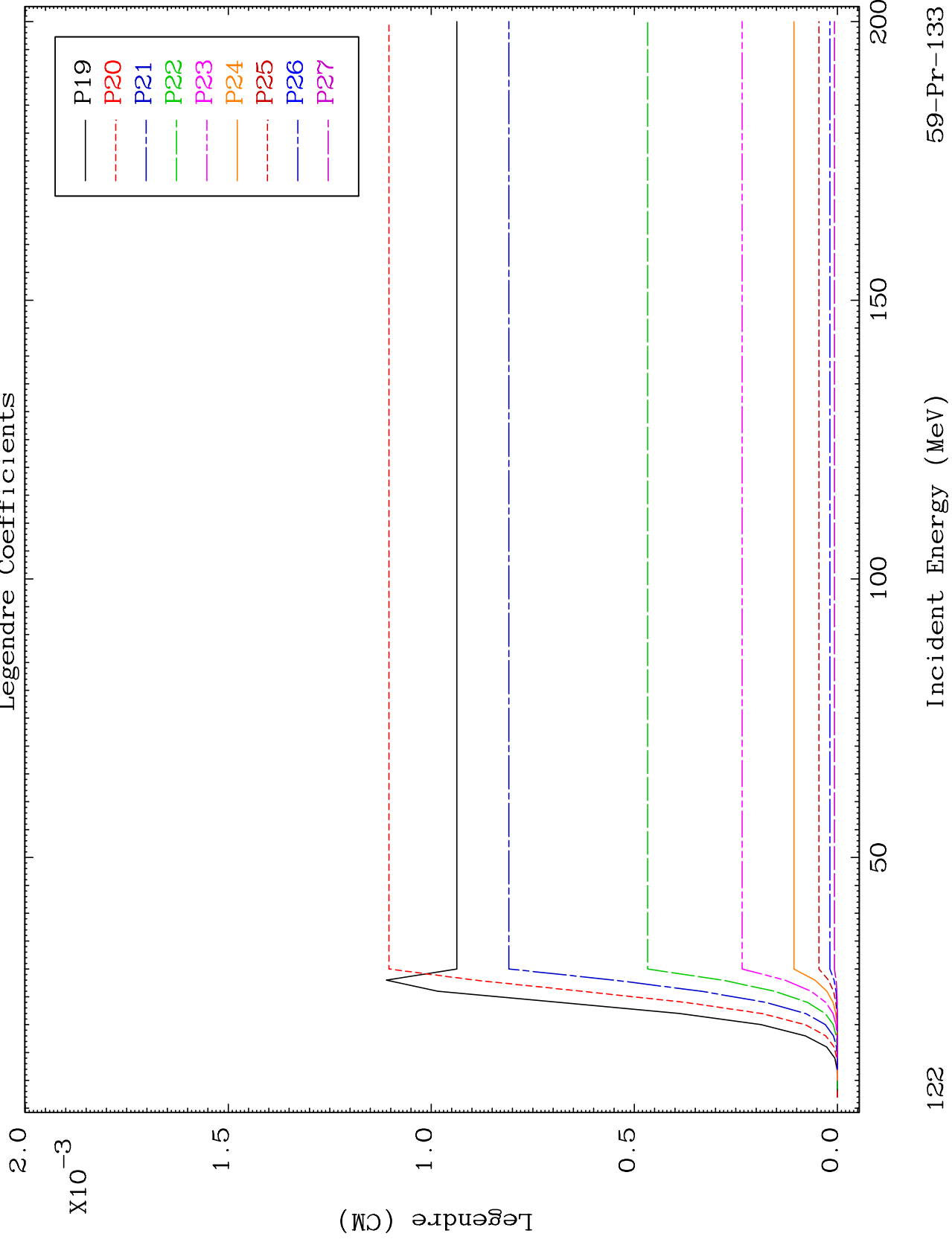
Incident Energy (MeV)

121

MAT 5901

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

59-Pr-133



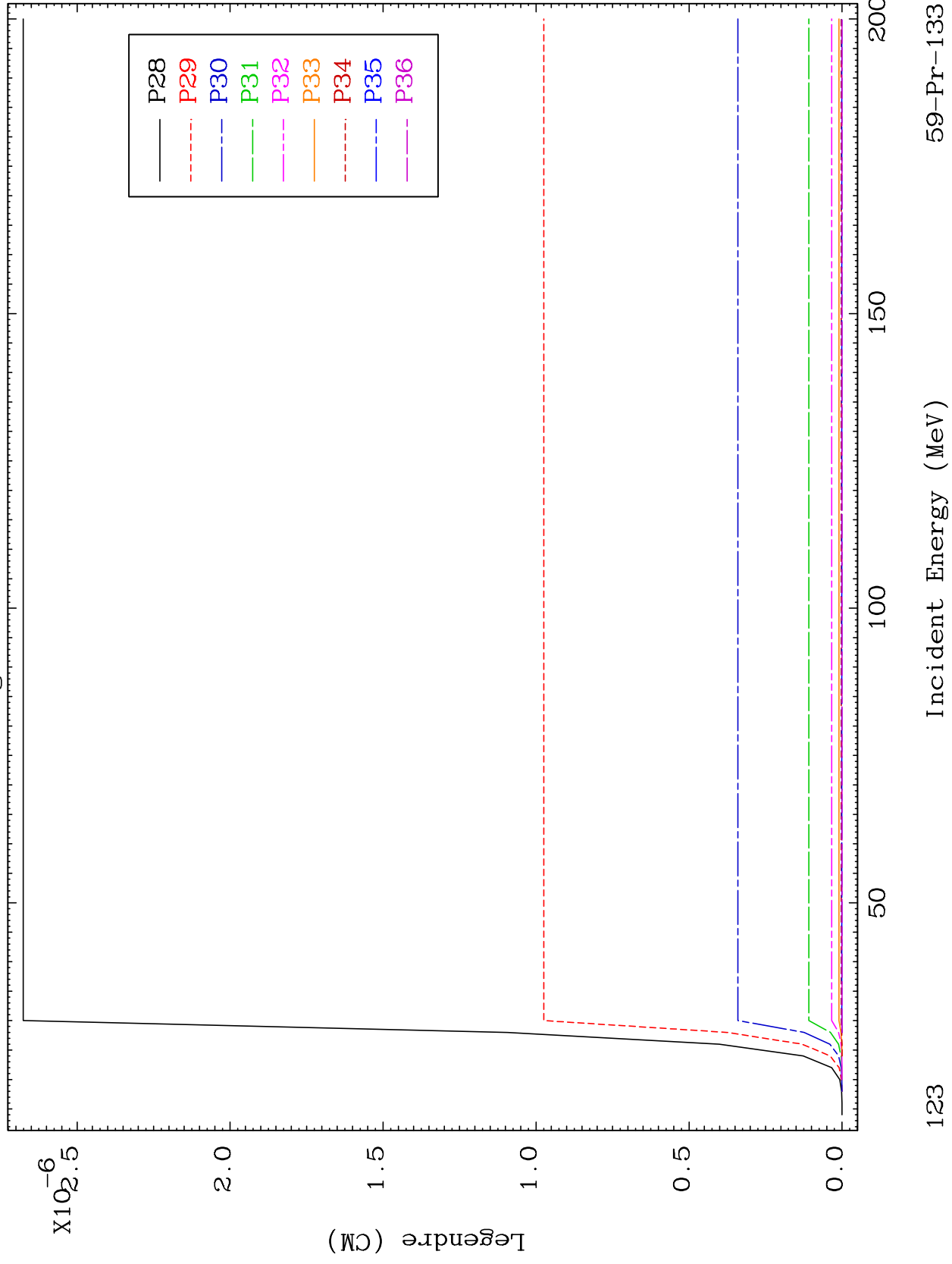
122

59-Pr-133

MAT 5901

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

59-Pr-133



123

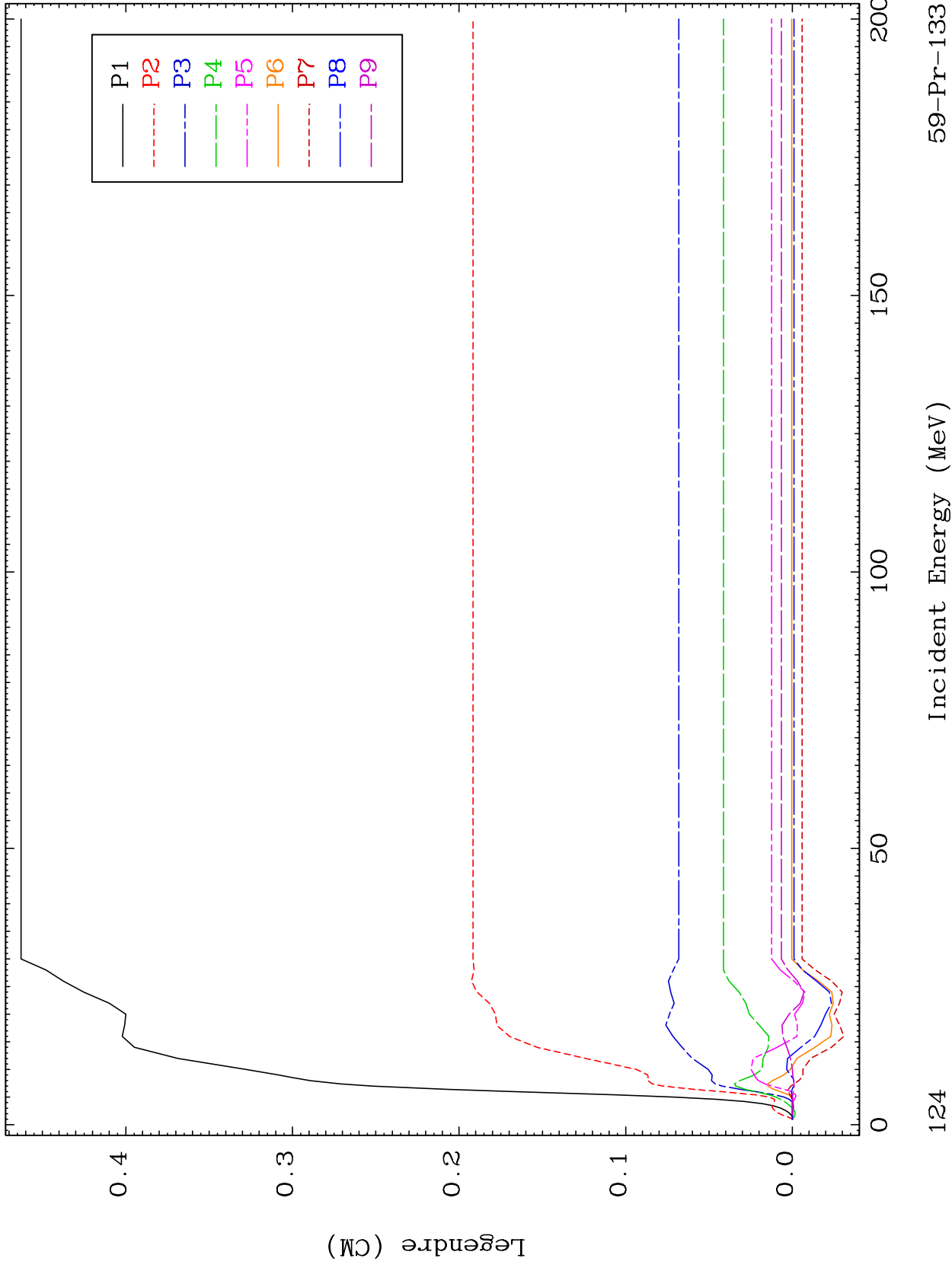
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



59-Pr-133

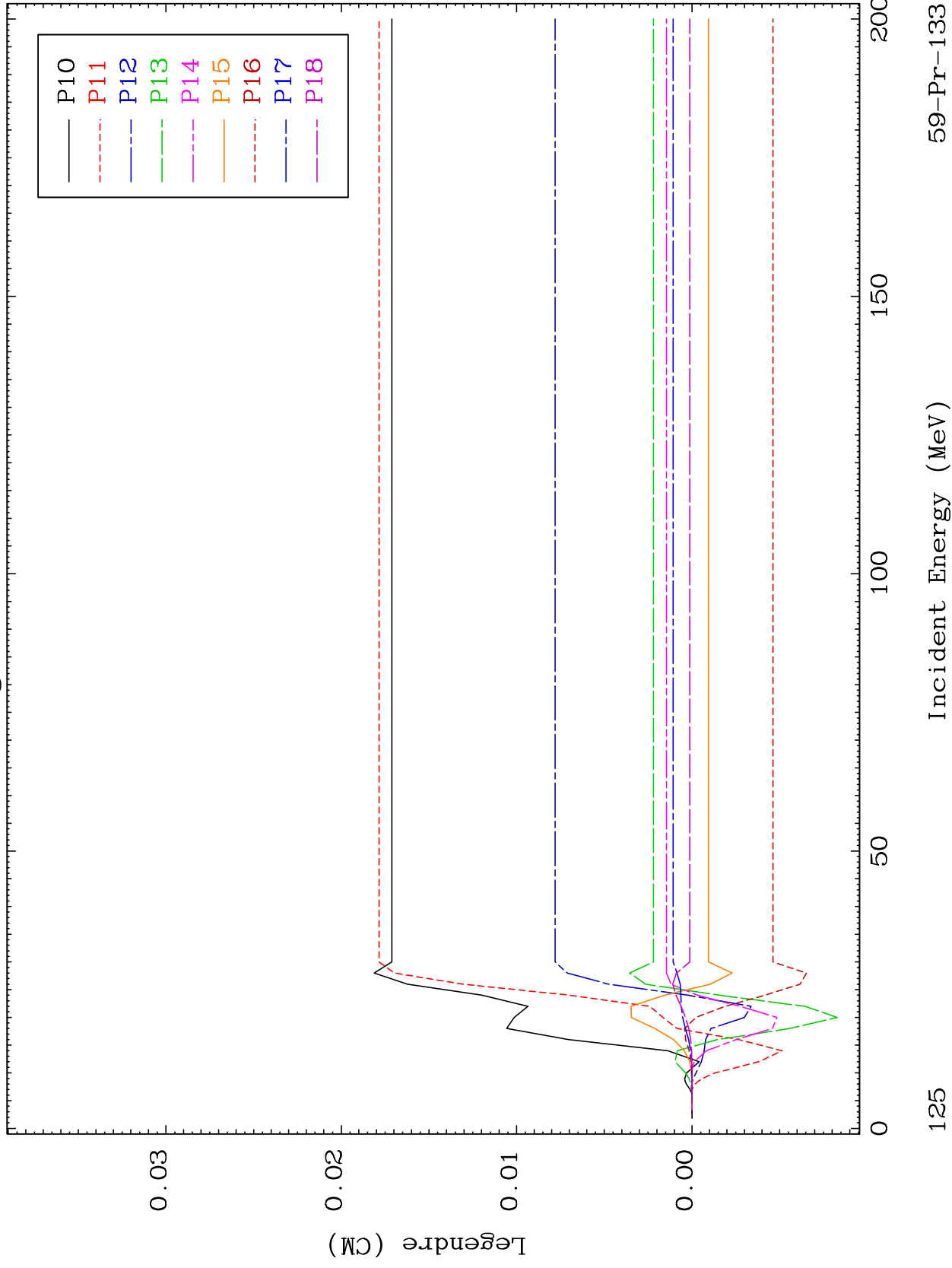
Incident Energy (MeV)

124

MAT 5901

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

59-Pr-133



59-Pr-133

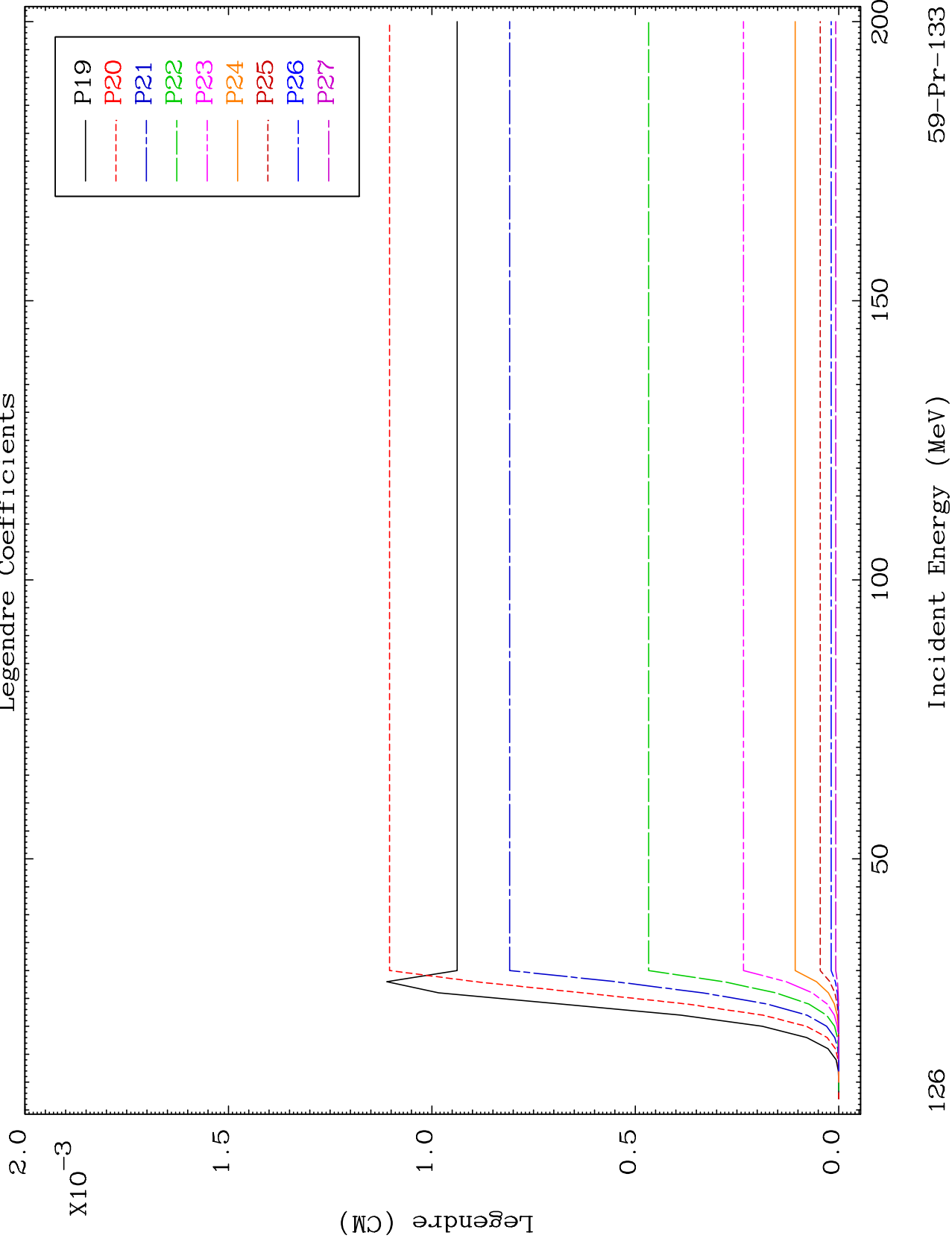
Incident Energy (MeV)

125

MAT 5901

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

59-Pr-133



126

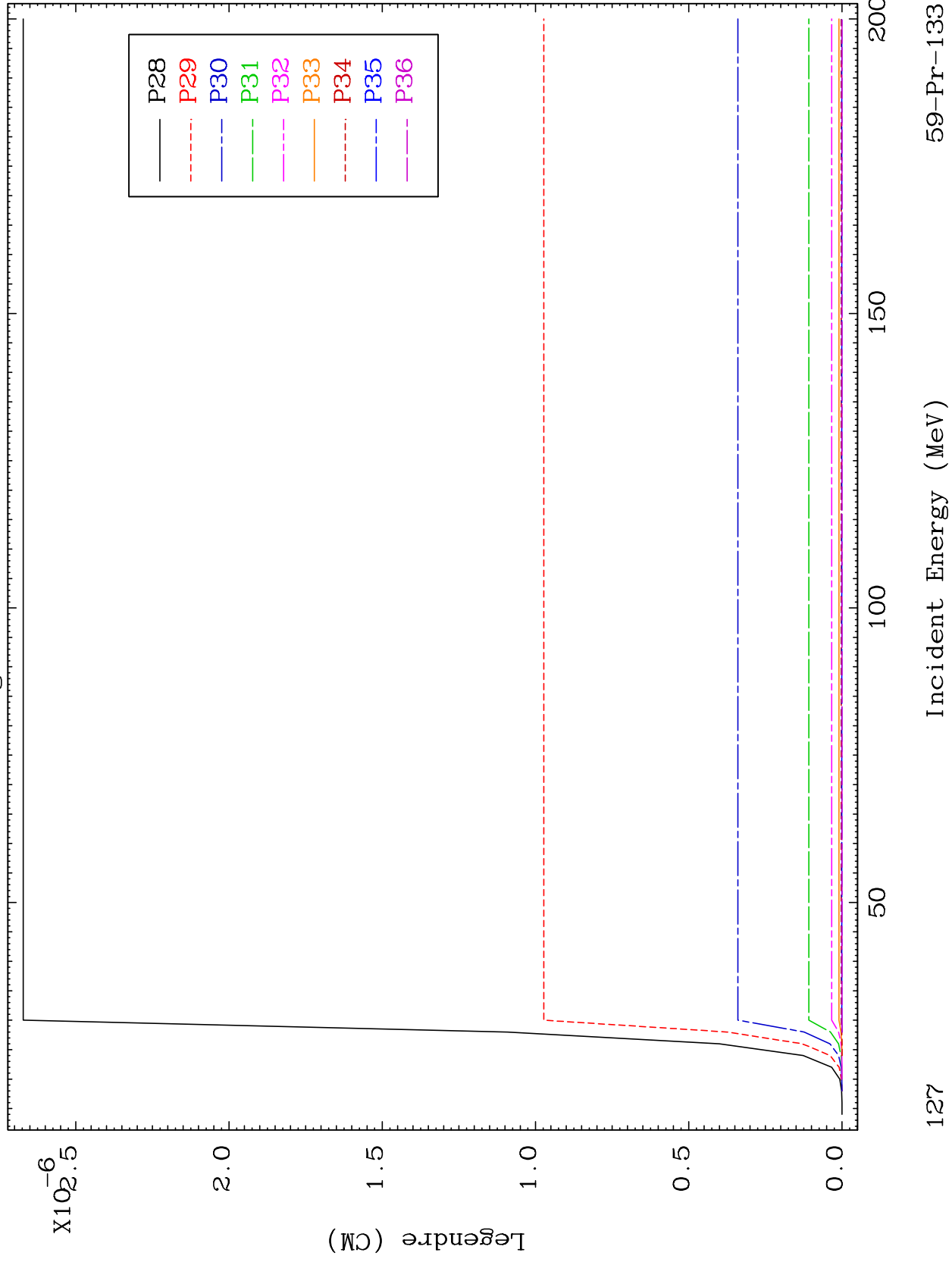
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



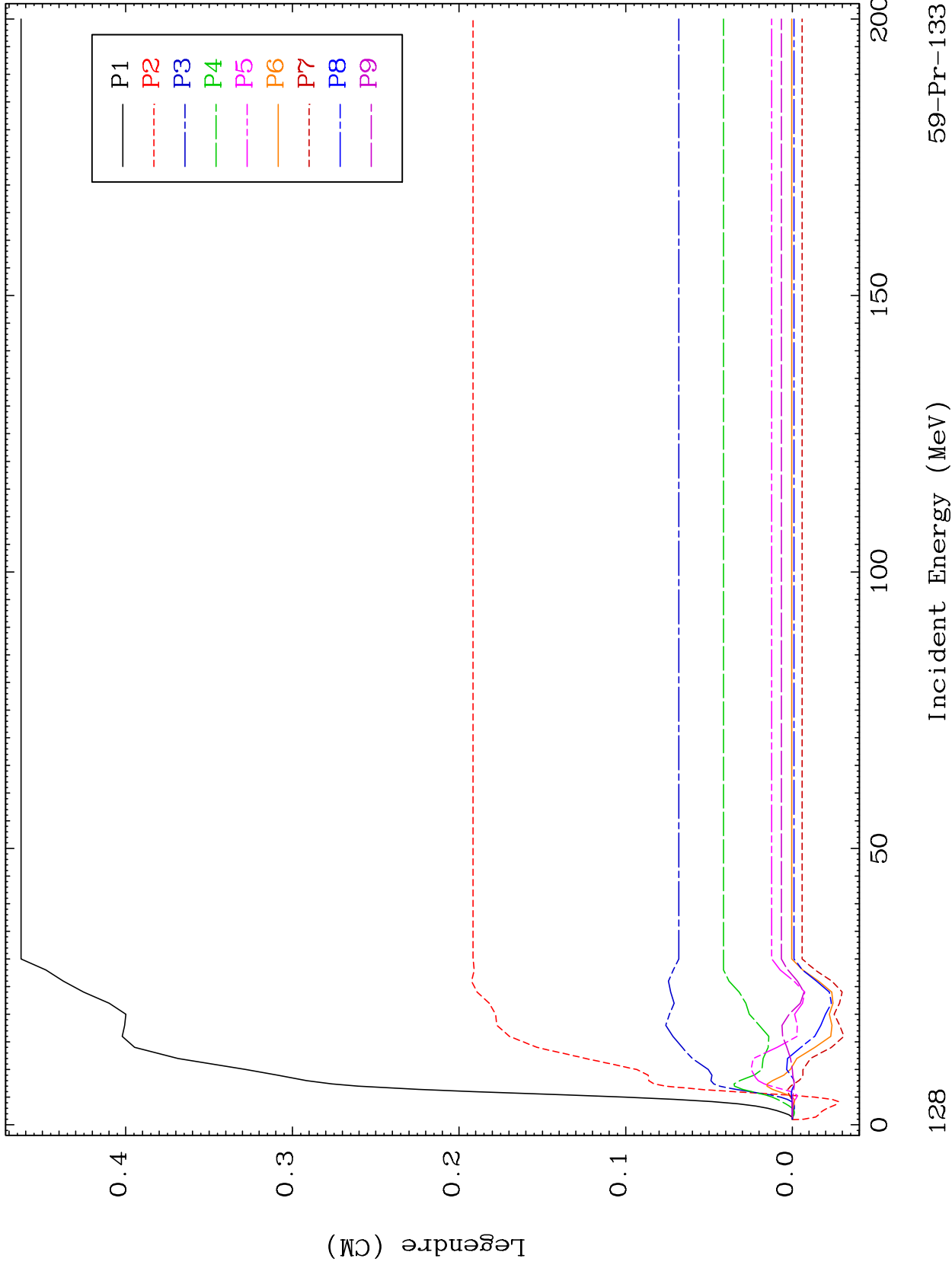
127

59-Pr-133

MAT 5901

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

59-Pr-133



59-Pr-133

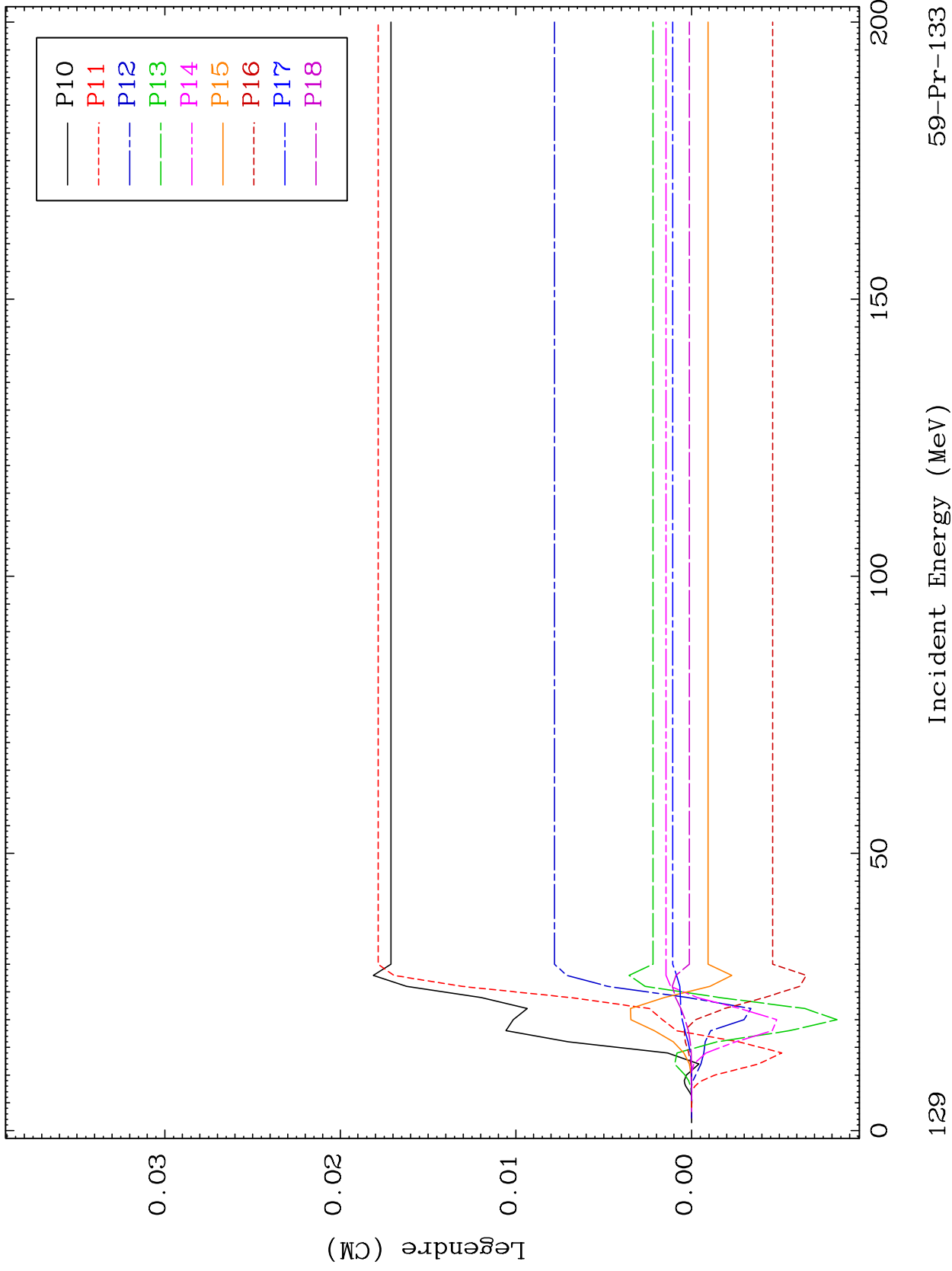
Incident Energy (MeV)

128

MAT 5901

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

59-Pr-133



59-Pr-133

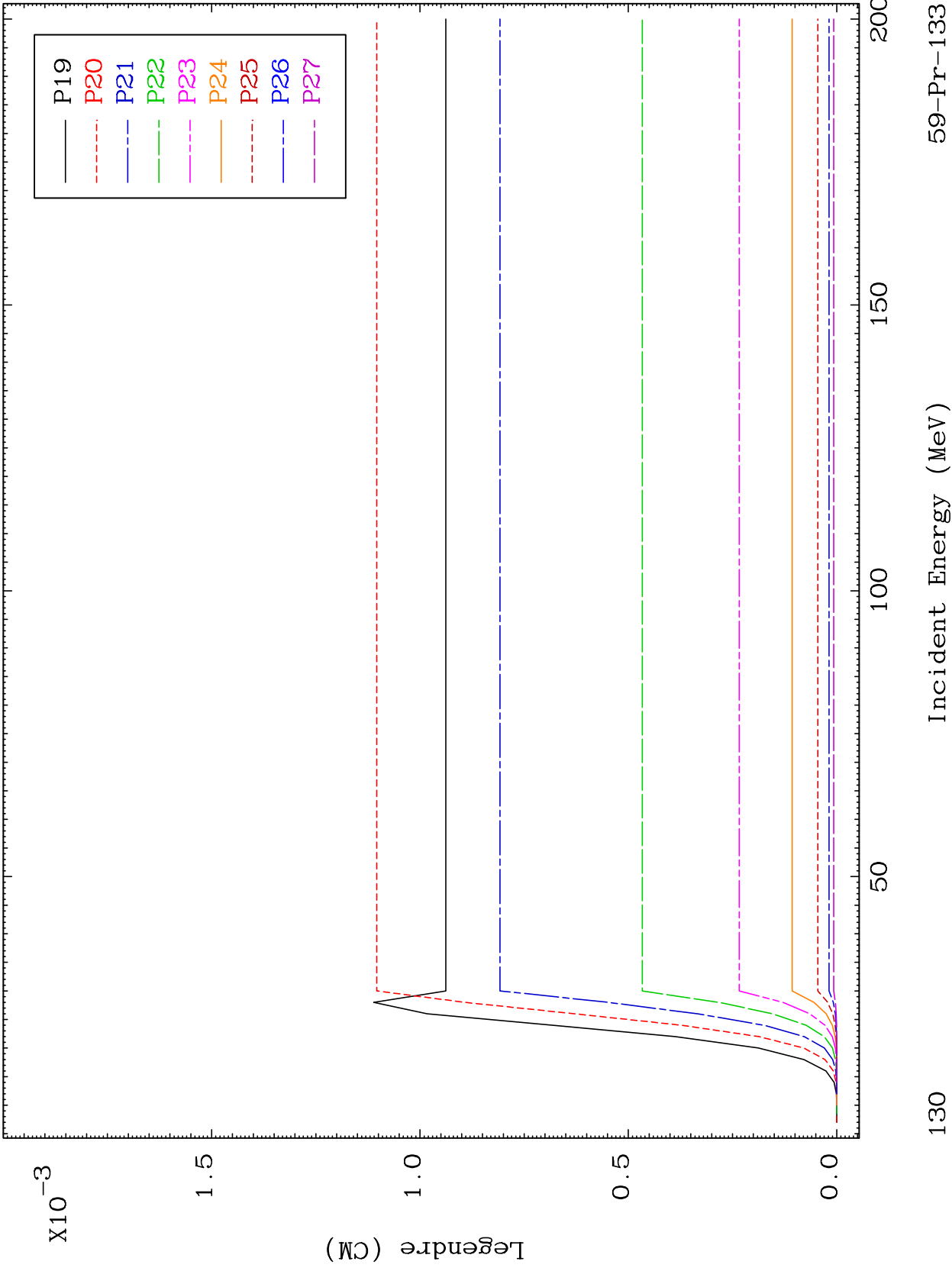
Incident Energy (MeV)

129

MAT 5901

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

59-Pr-133



130

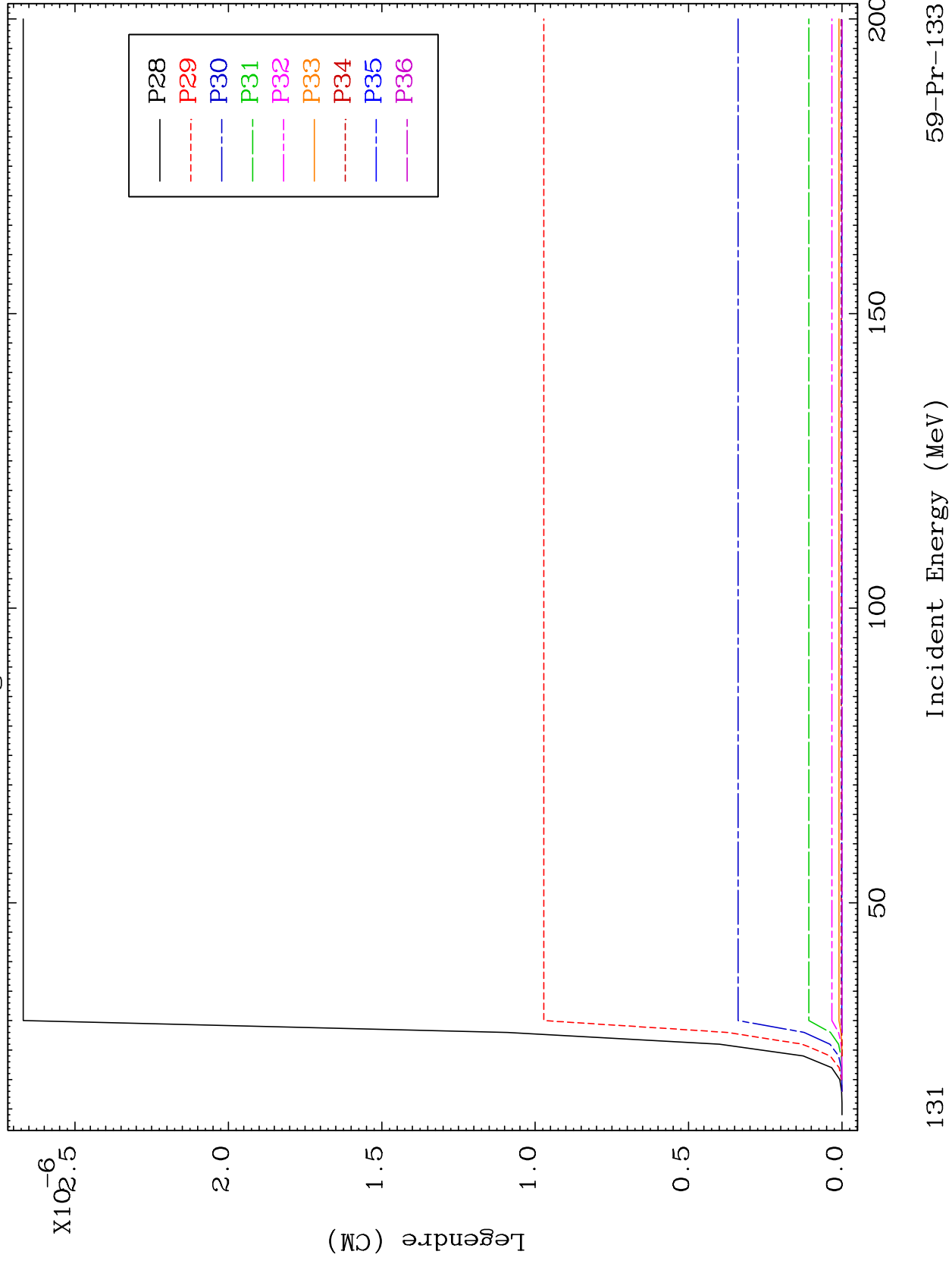
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

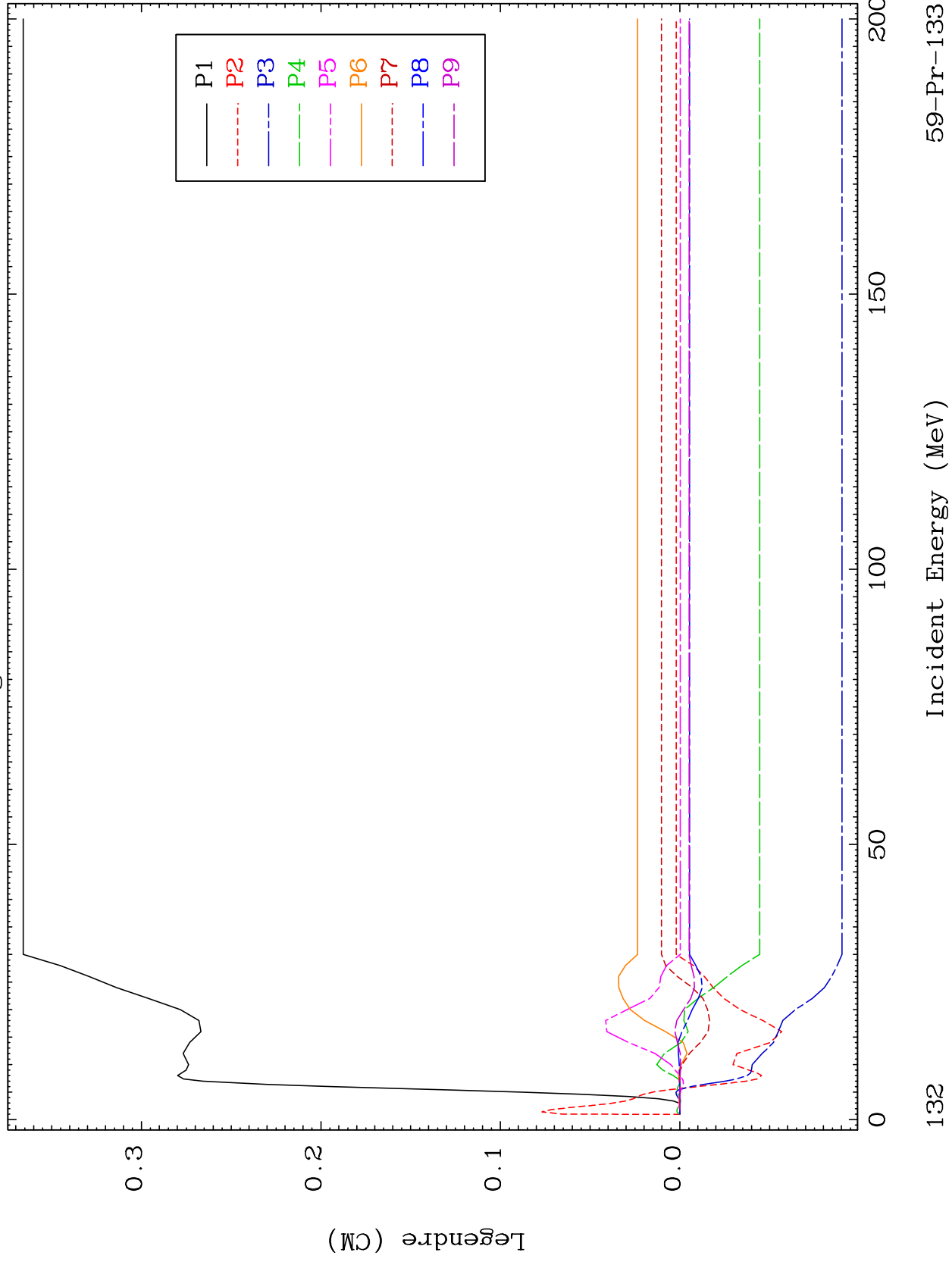
59-Pr-133



MAT 5901

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

59-Pr-133



59-Pr-133

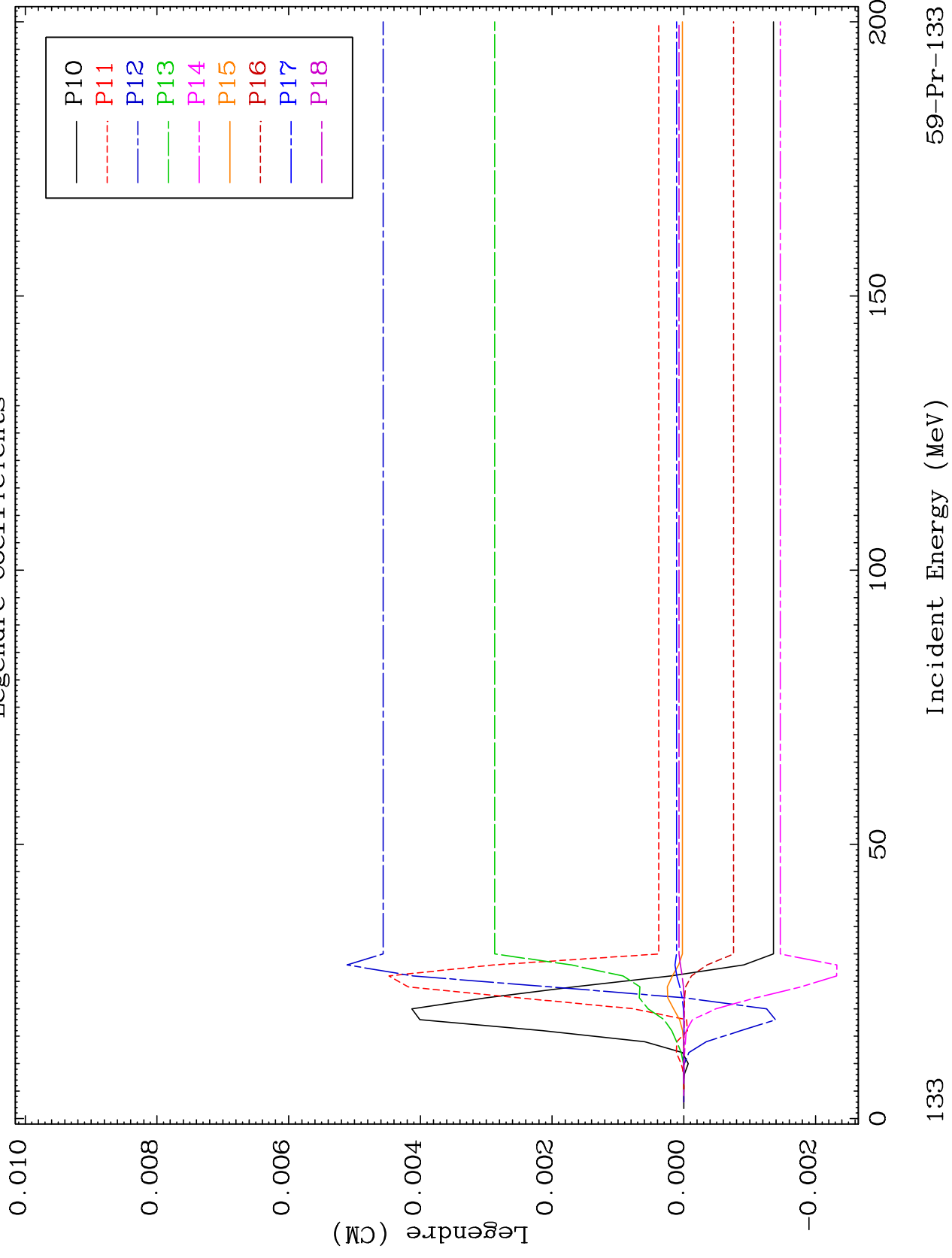
Incident Energy (MeV)

132

MAT 5901

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

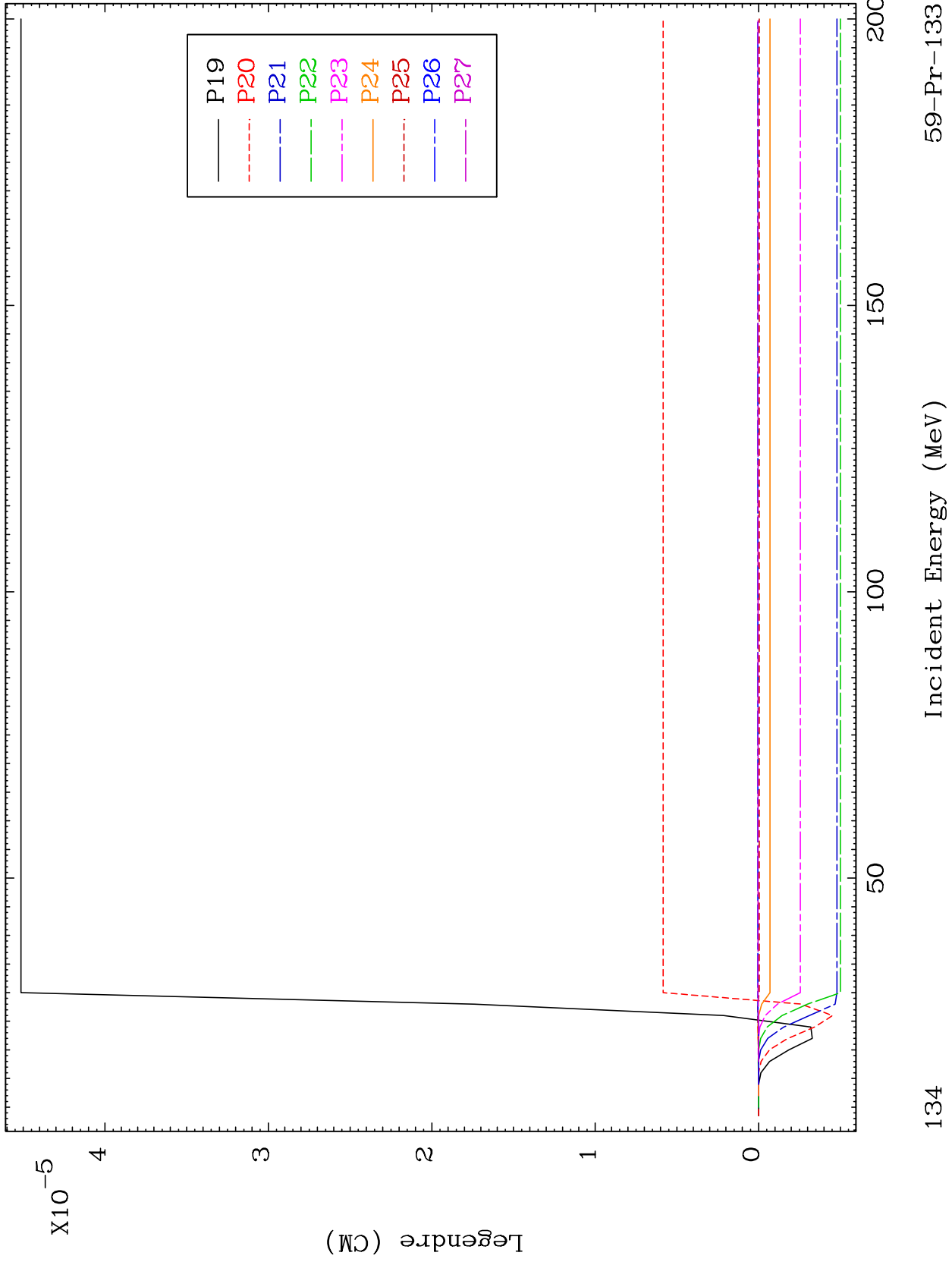
59-Pr-133



59-Pr-133

Incident Energy (MeV)

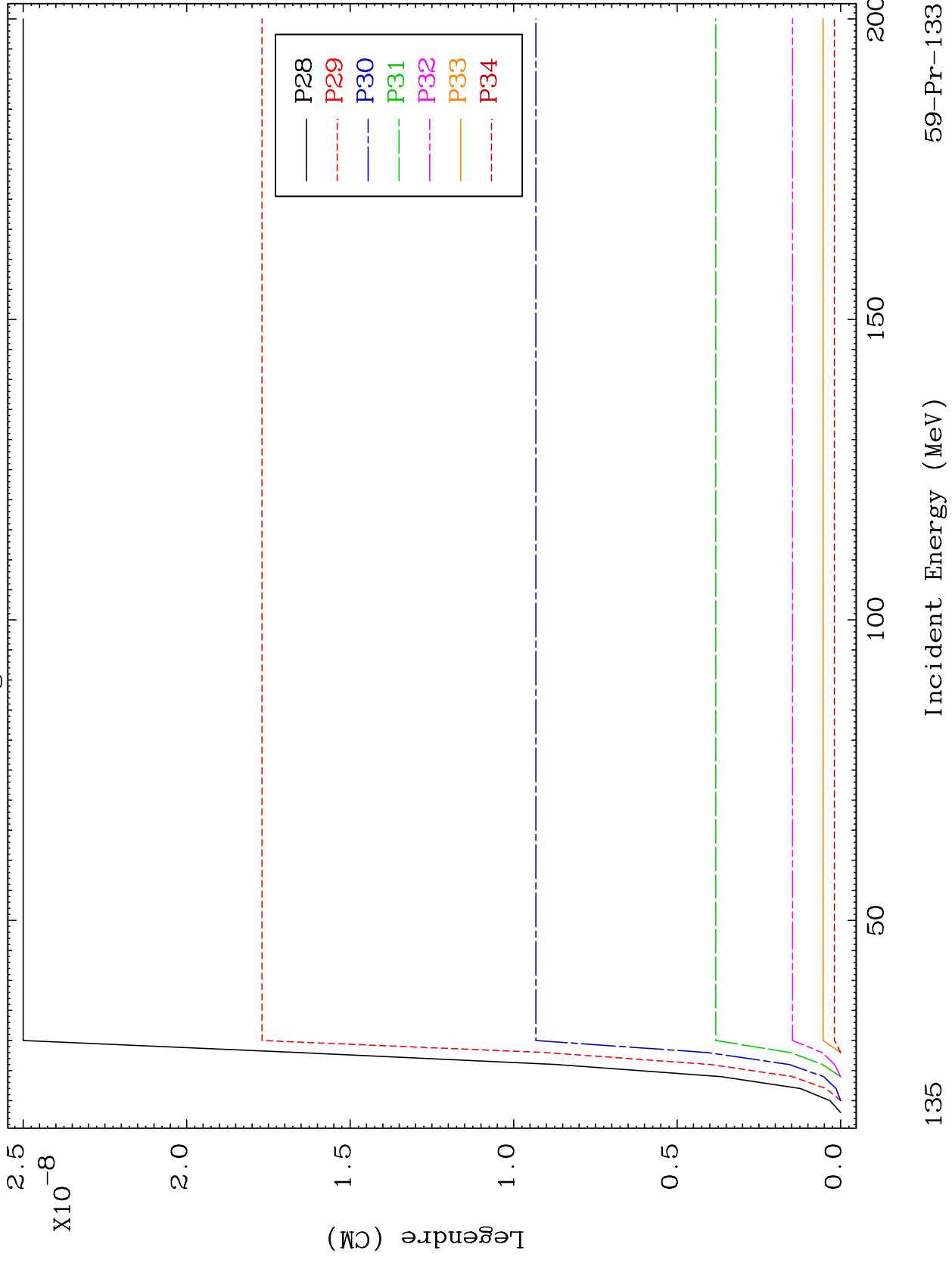
133



MAT 5901

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

59-Pr-133



135

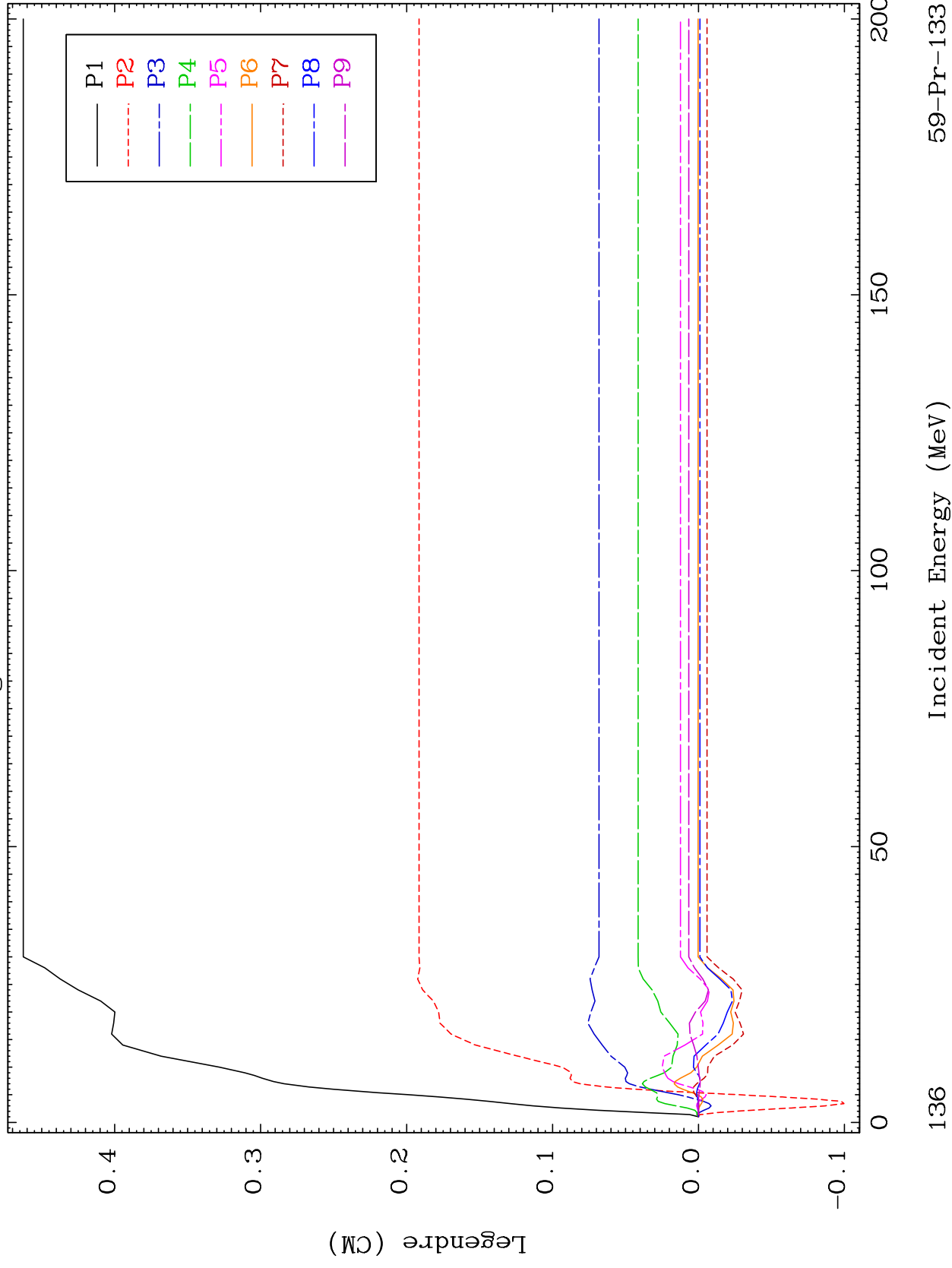
Incident Energy (MeV)

59-Pr-133

MAT 5901

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

59-Pr-133



59-Pr-133

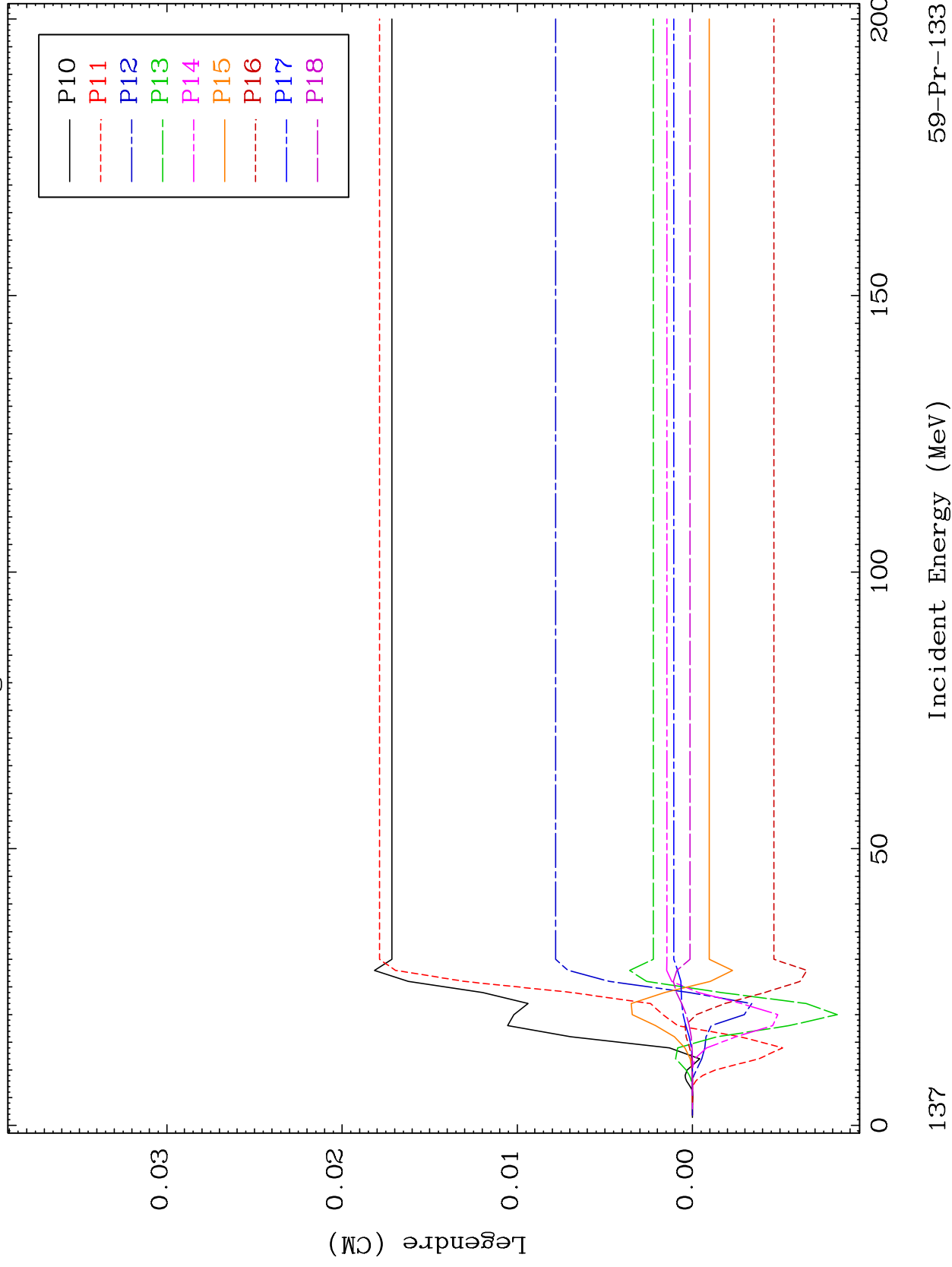
Incident Energy (MeV)

136

MAT 5901

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

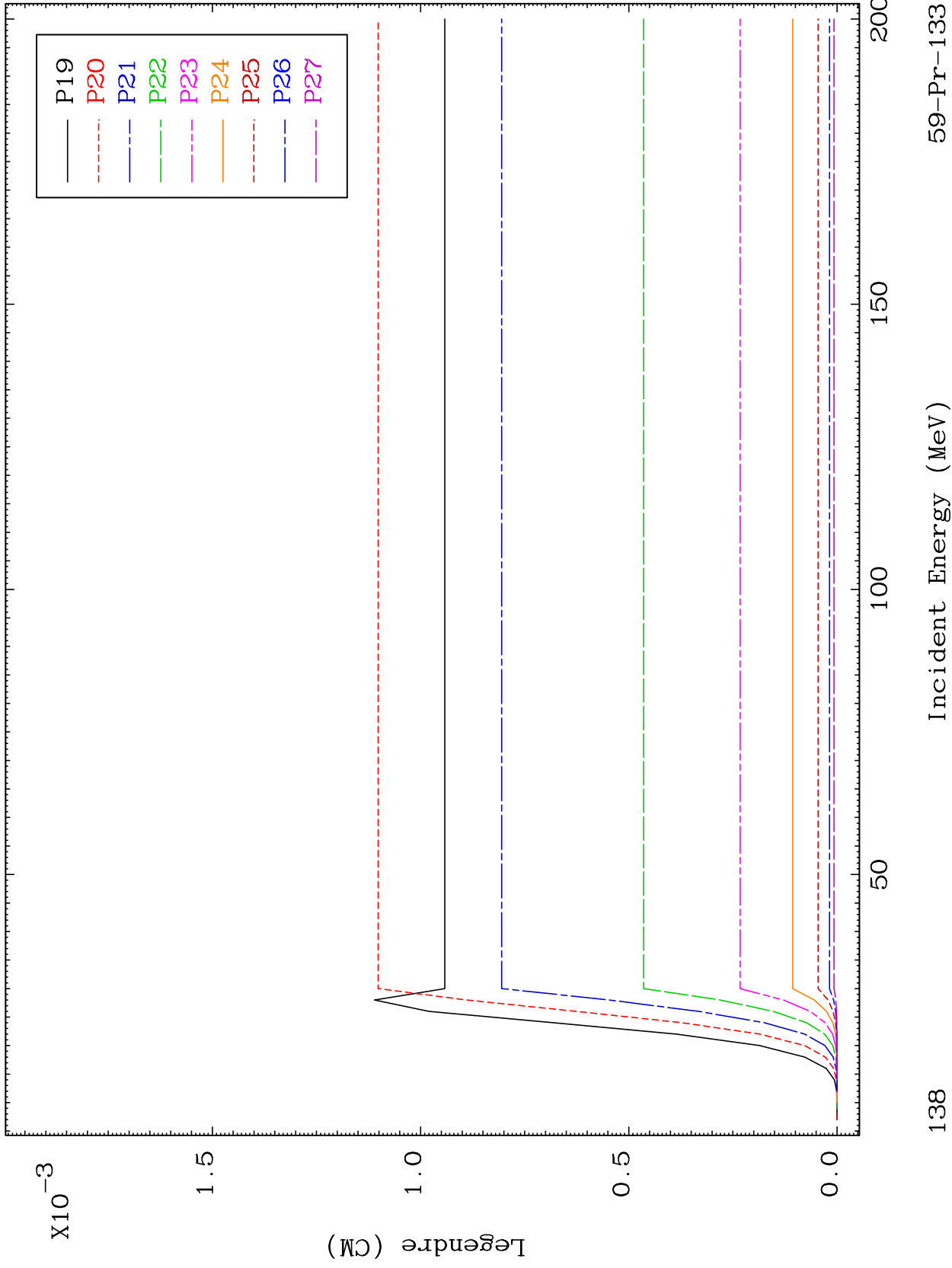
59-Pr-133



137

Incident Energy (MeV)

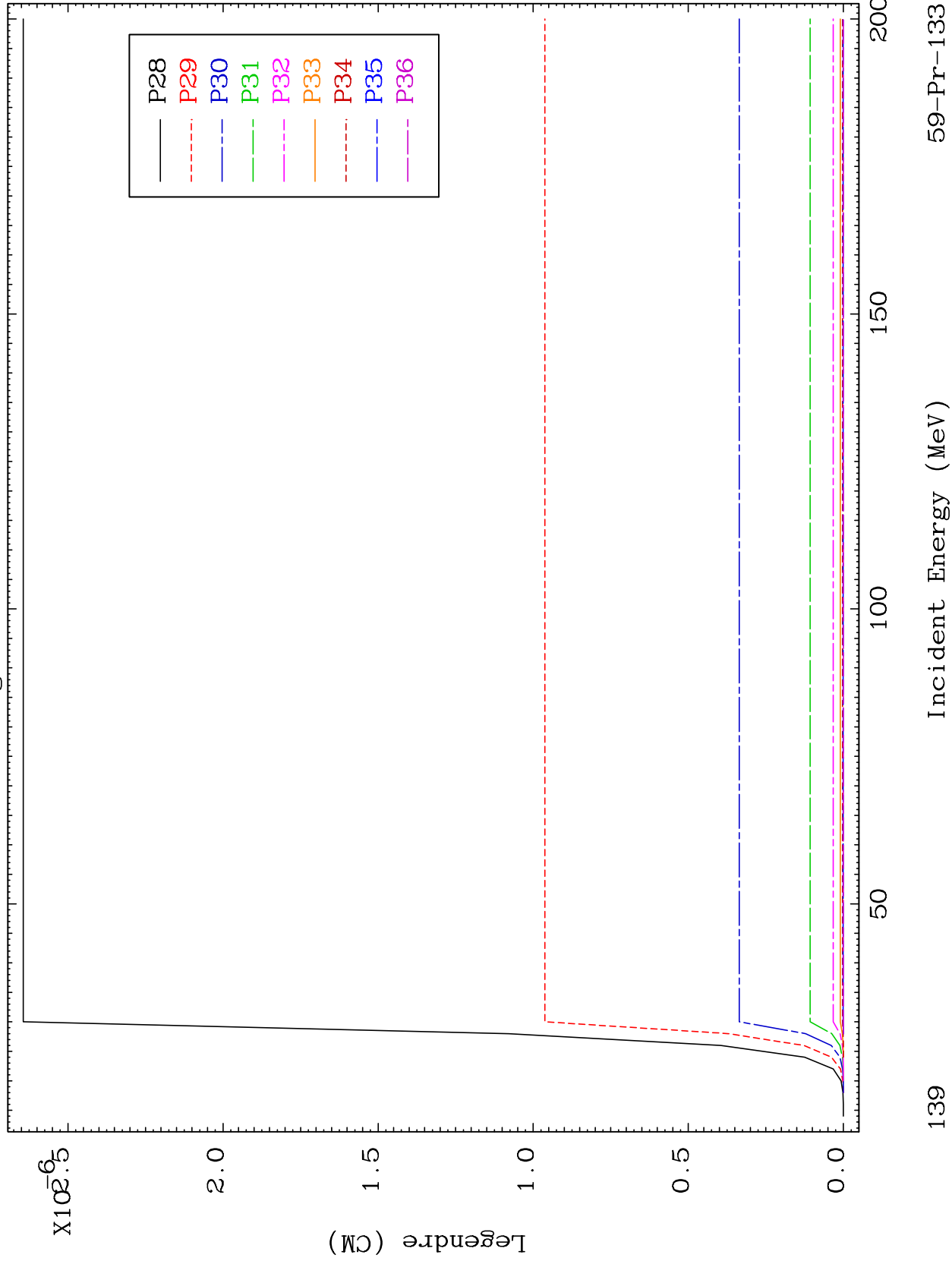
59-Pr-133



MAT 5901

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

59-Pr-133



139

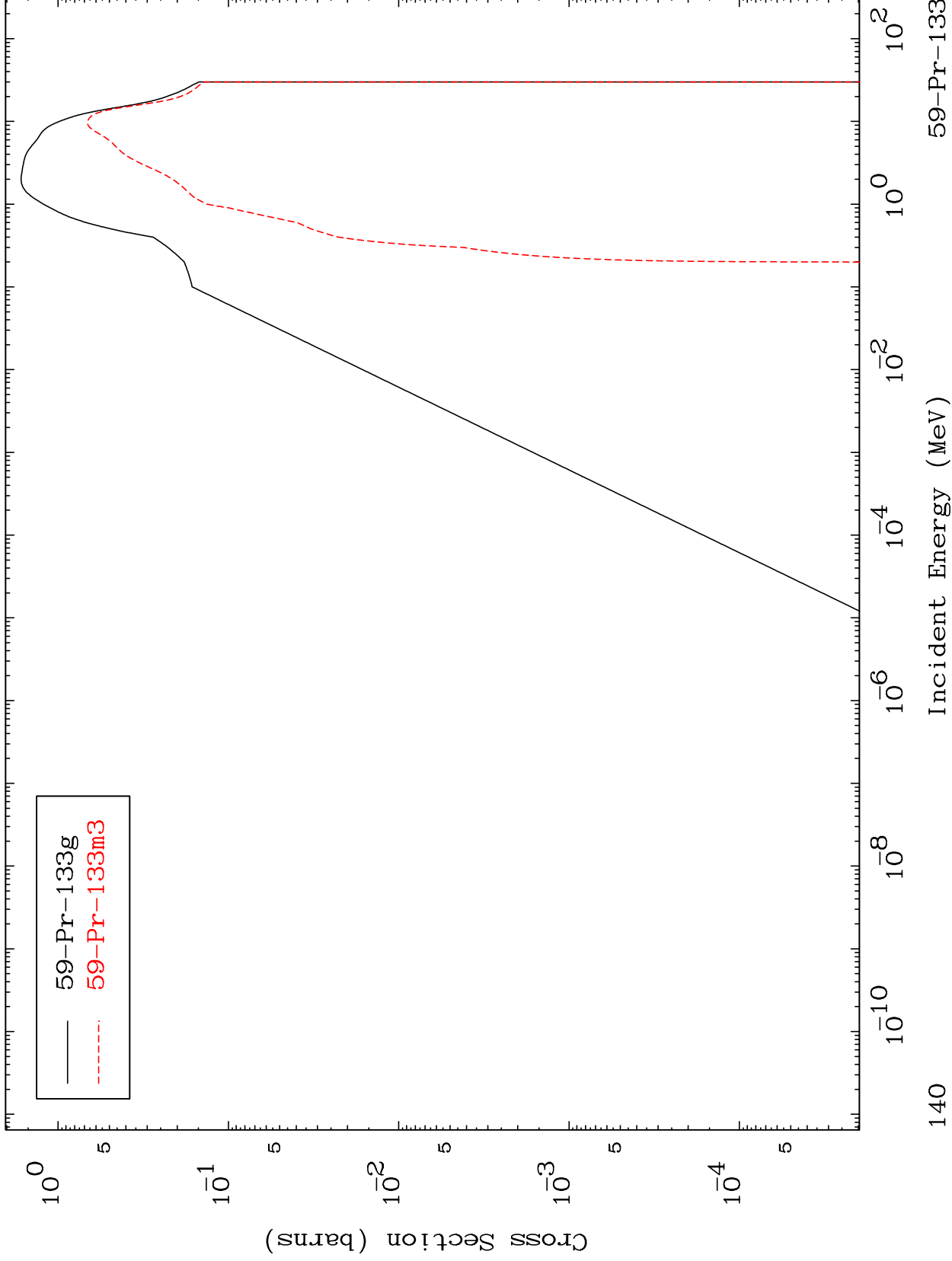
59-Pr-133

MAT 5901

Inelastic

59-Pr-133

Radionuclide Production Cross Section

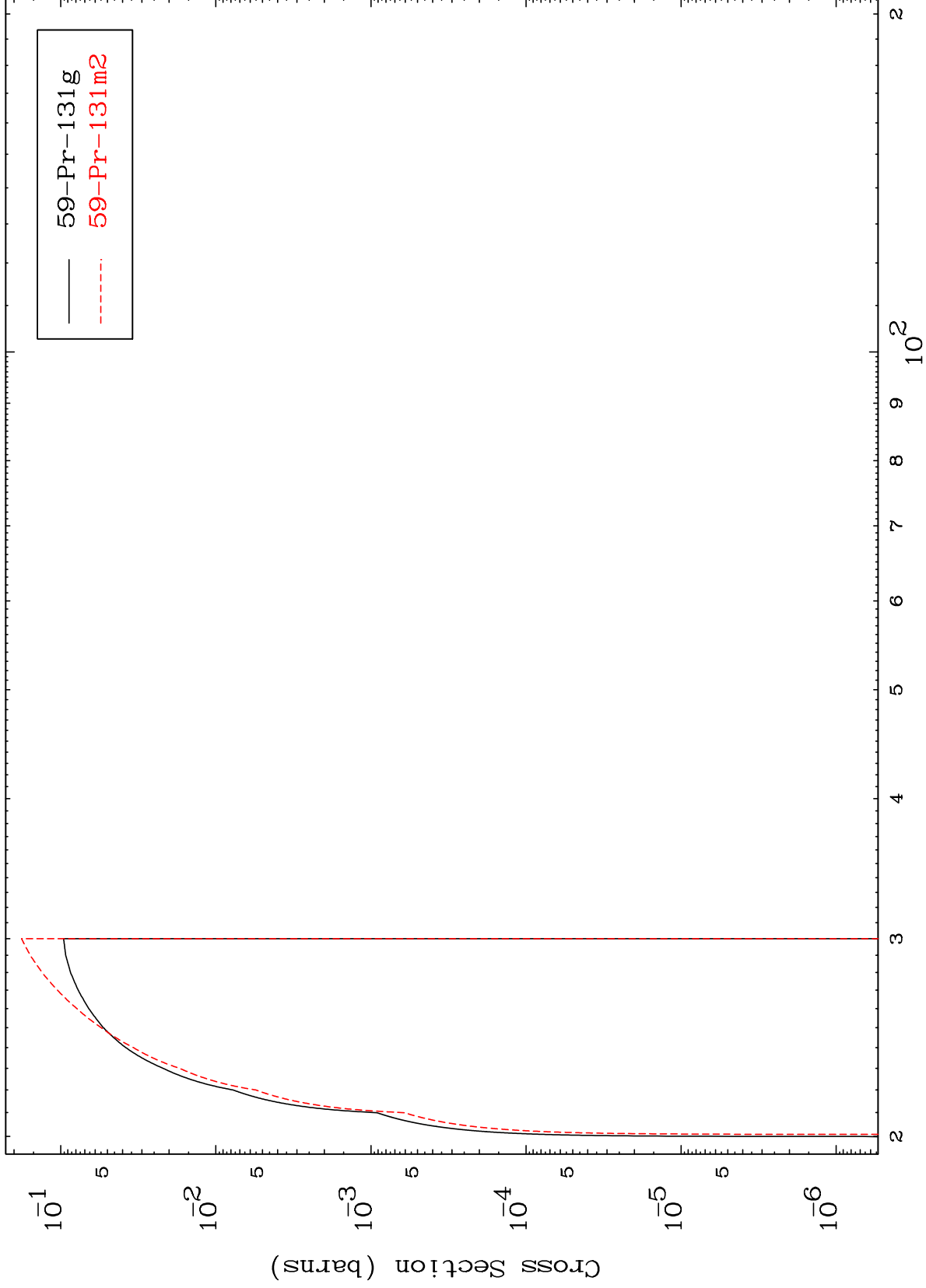


MAT 5901

(n,3n)

59-Pr-133

Radionuclide Production Cross Section



141

Incident Energy (MeV)

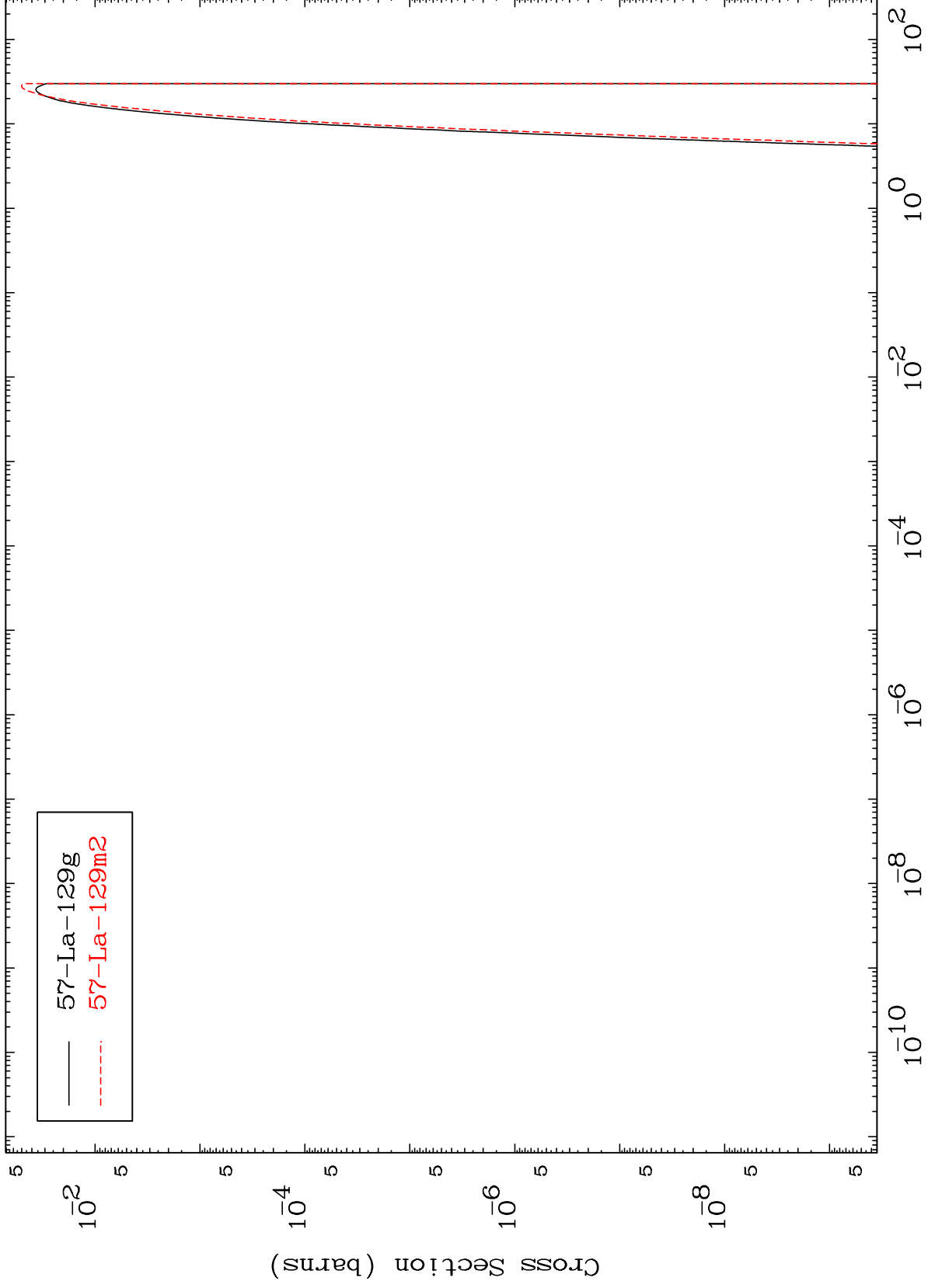
59-Pr-133

MAT 5901

$(n, n') \alpha$

59-Pr-133

Radionuclide Production Cross Section

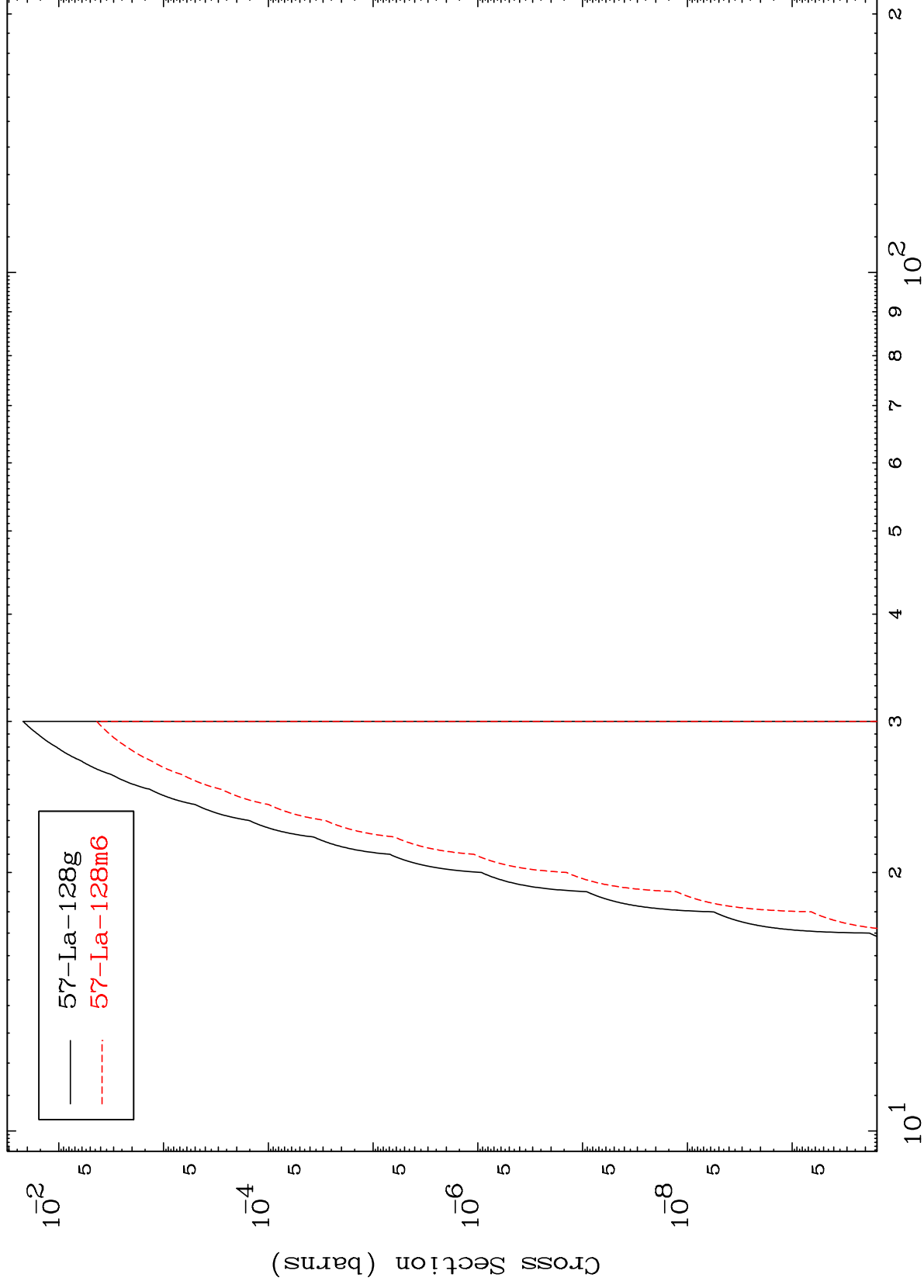


MAT 5901

59-Pr-133

(n,2n) α

Radionuclide Production Cross Section



59-Pr-133

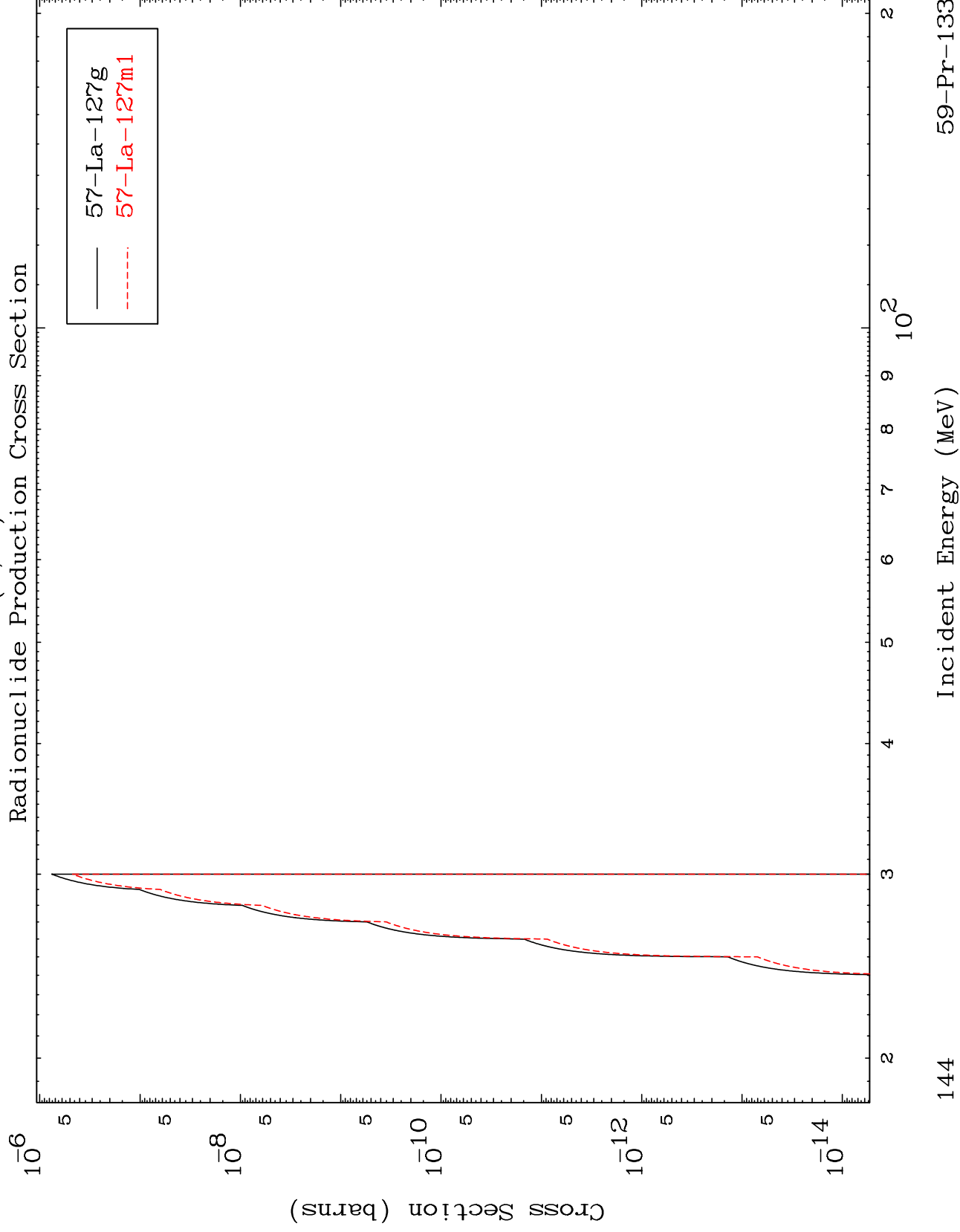
Incident Energy (MeV)

143

MAT 5901

(n,3n) α

59-Pr-133



144

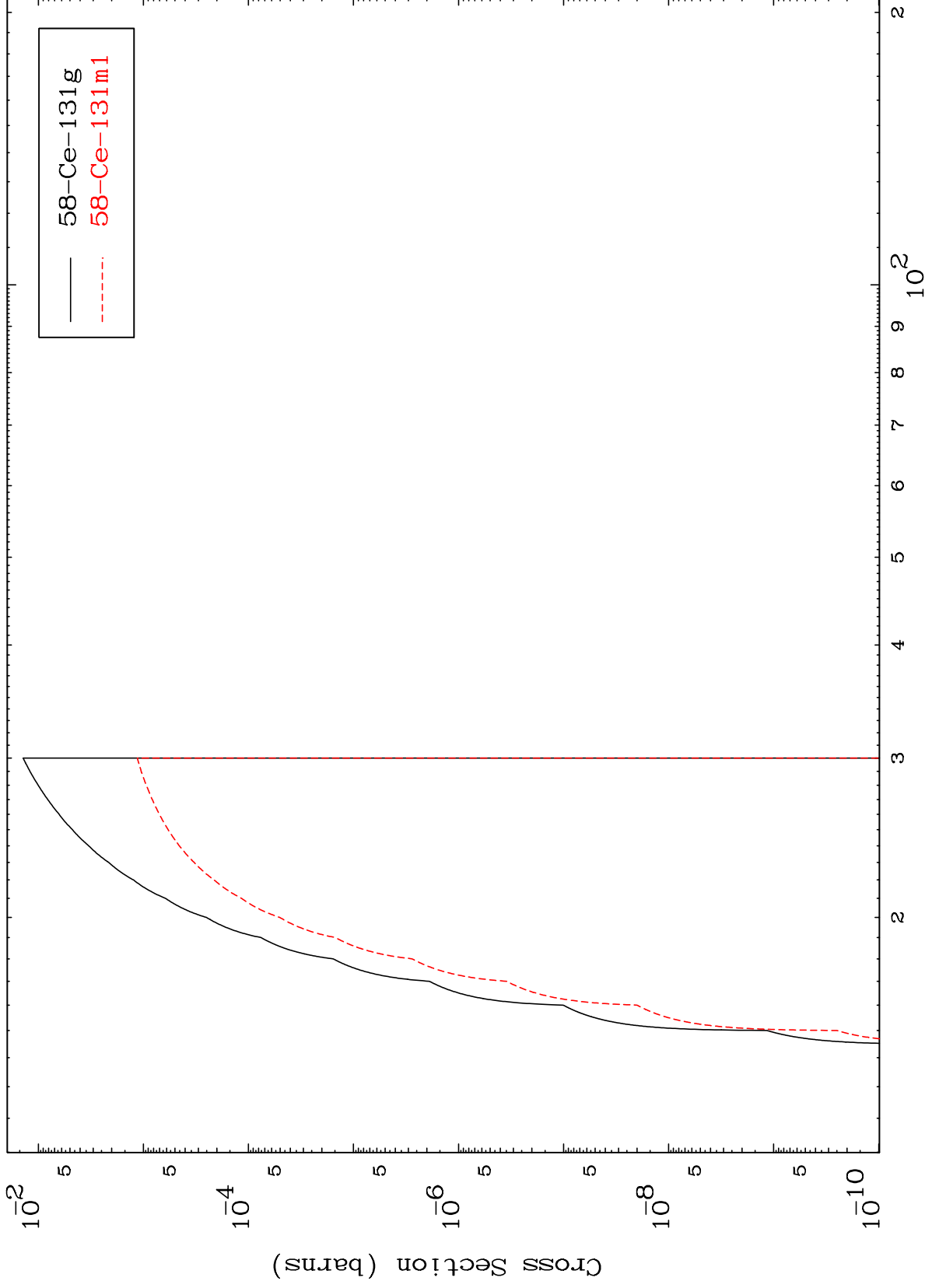
59-Pr-133

MAT 5901

(n,n') d

59-Pr-133

Radionuclide Production Cross Section

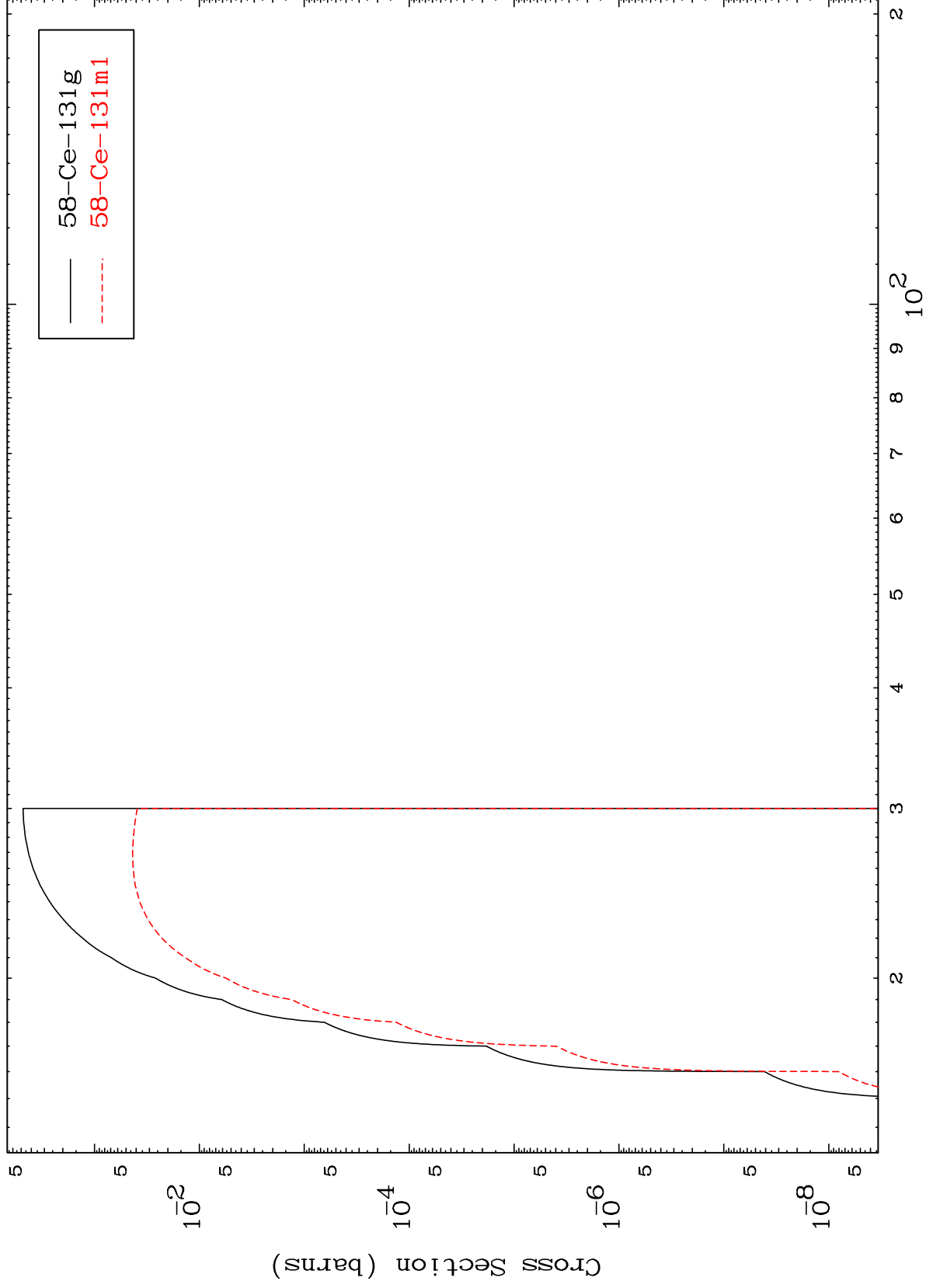


145

Incident Energy (MeV)

59-Pr-133

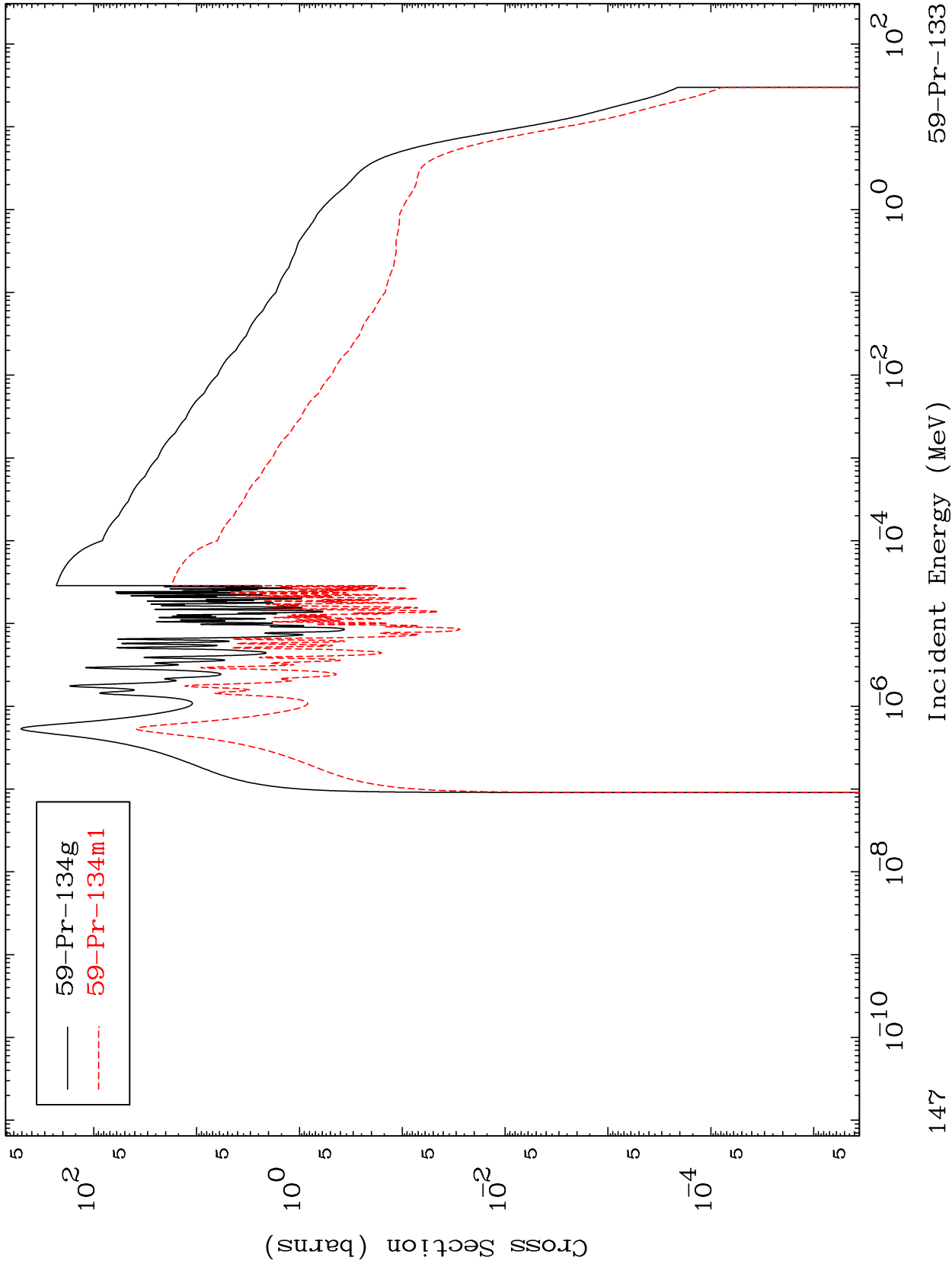
Radionuclide Production Cross Section



MAT 5901

59-Pr-133

Radionuclide Production Cross Section
(n,γ)

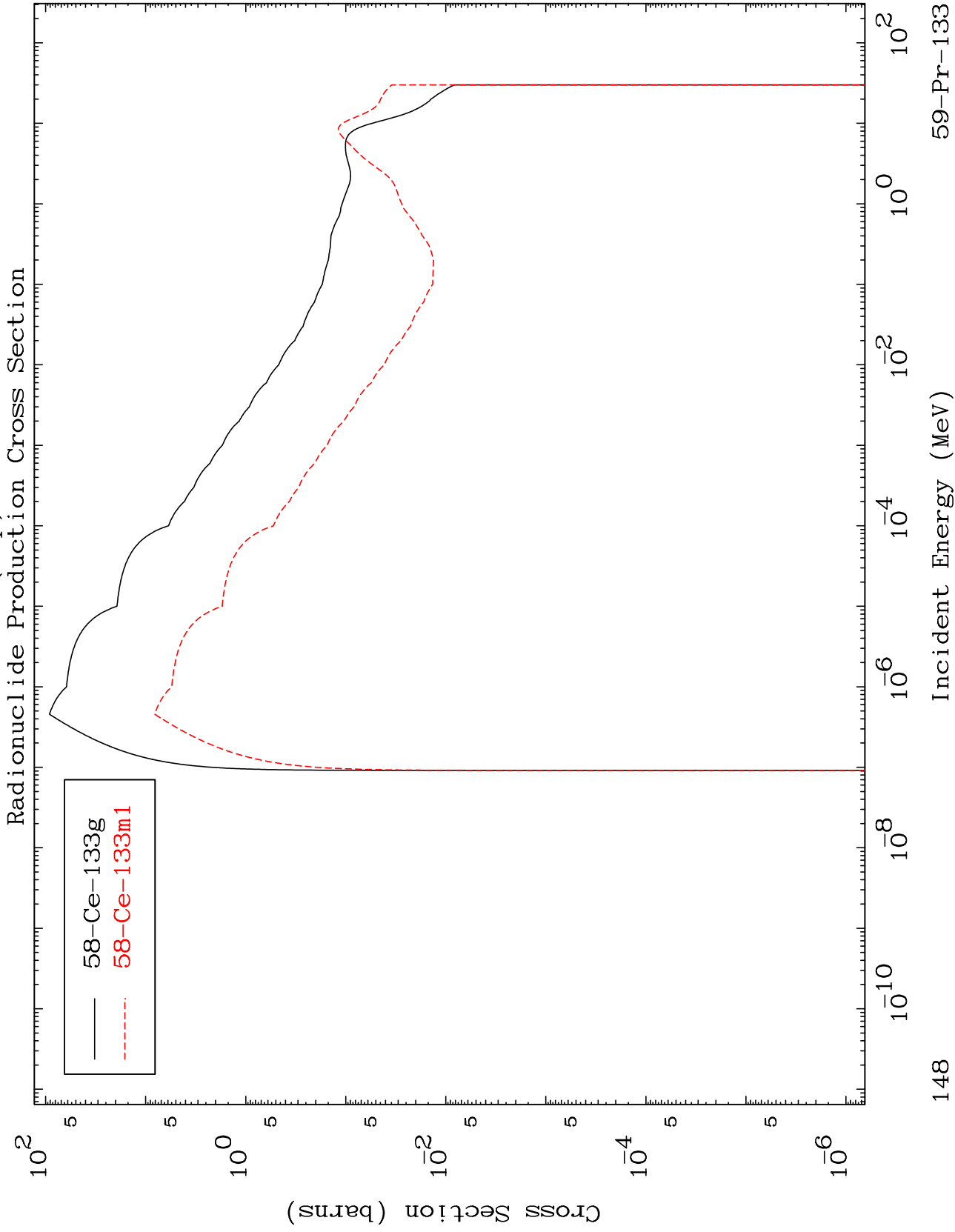


147

59-Pr-133

MAT 5901

59-Pr-133

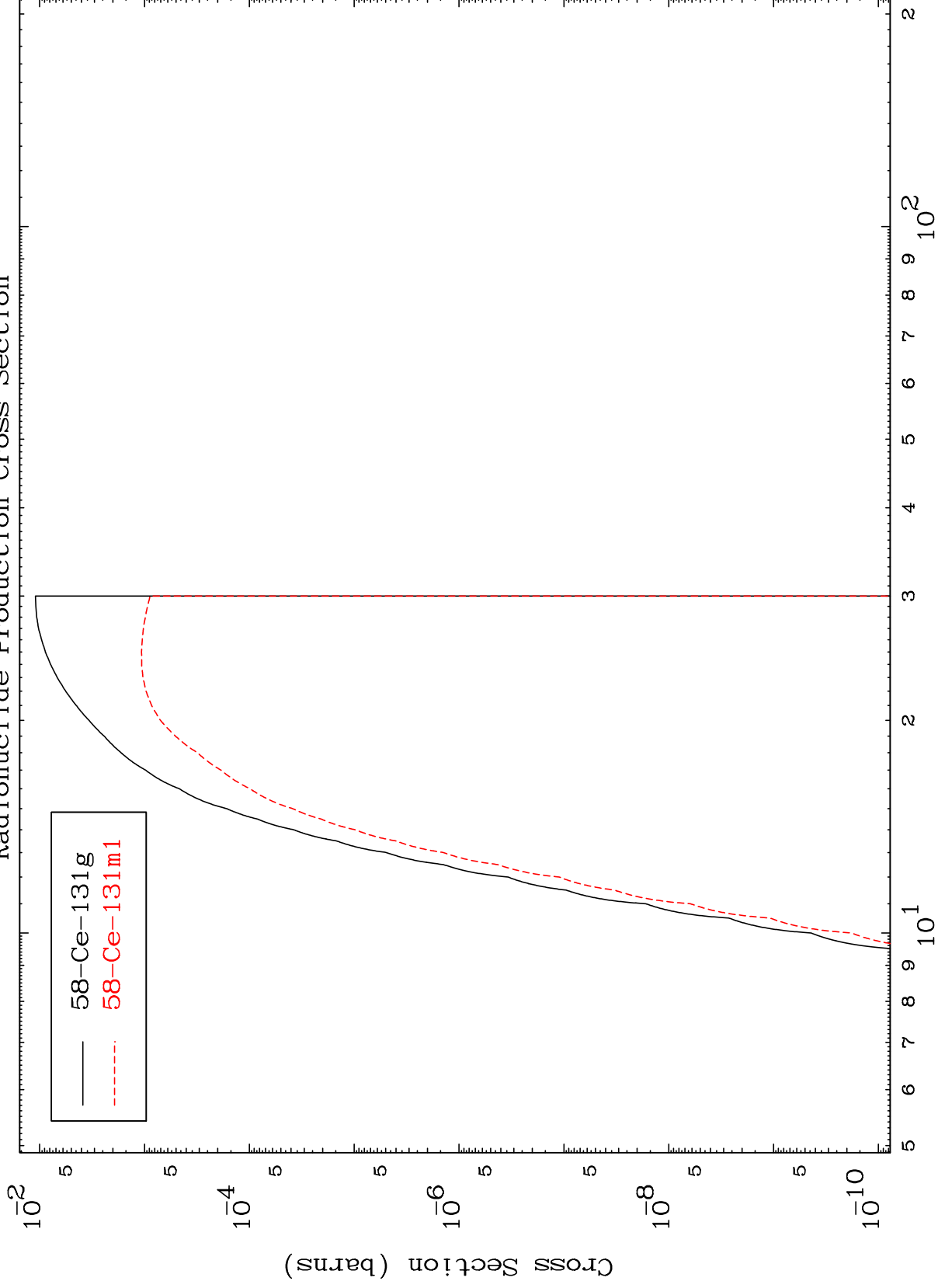


— 58-Ce-133g
- - - 58-Ce-133m1

MAT 5901

59-Pr-133

Radionuclide Production Cross Section



149

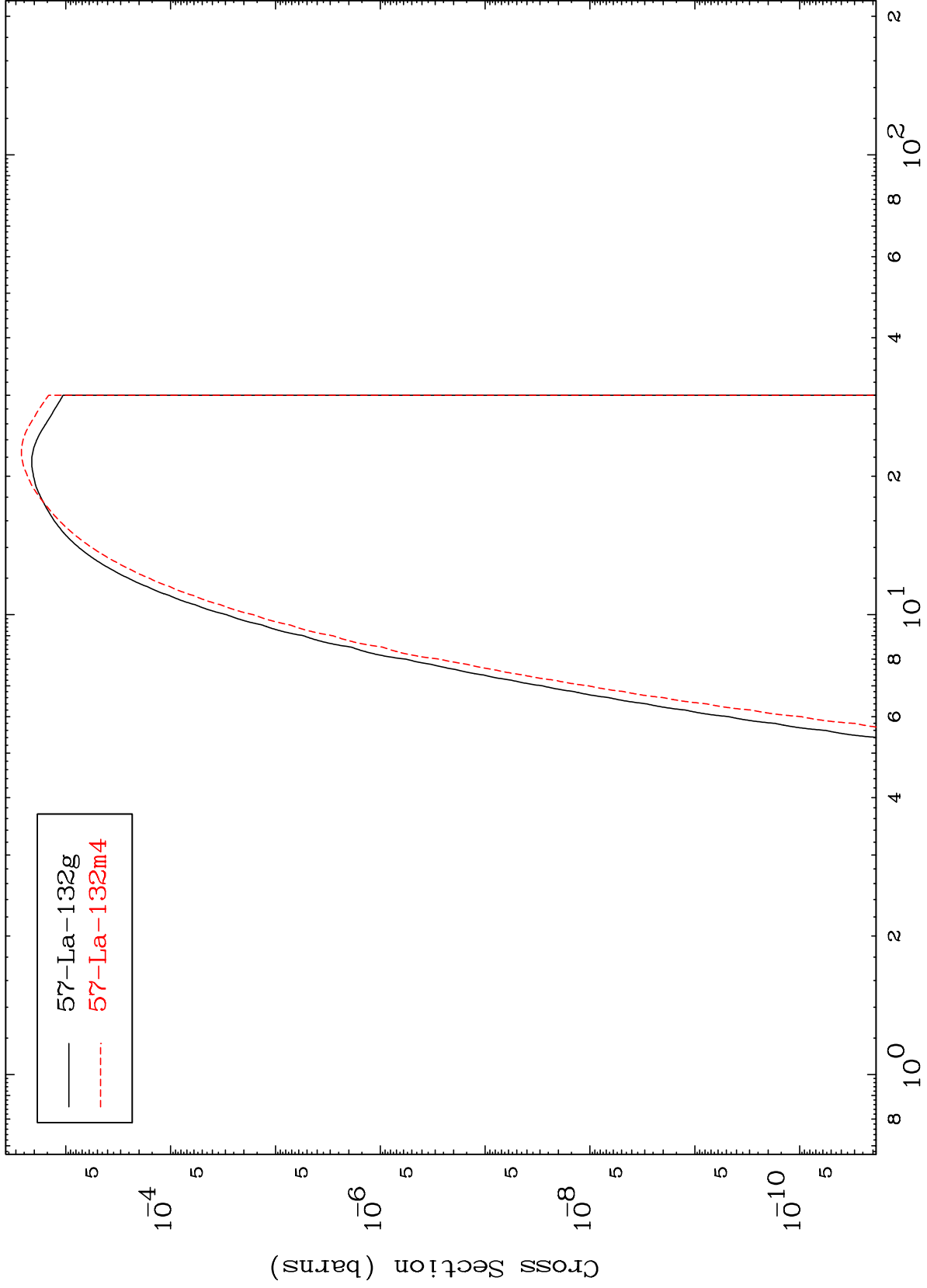
Incident Energy (MeV)

59-Pr-133

MAT 5901

59-Pr-133

(n,2p)
Radionuclide Production Cross Section



150

Incident Energy (MeV)

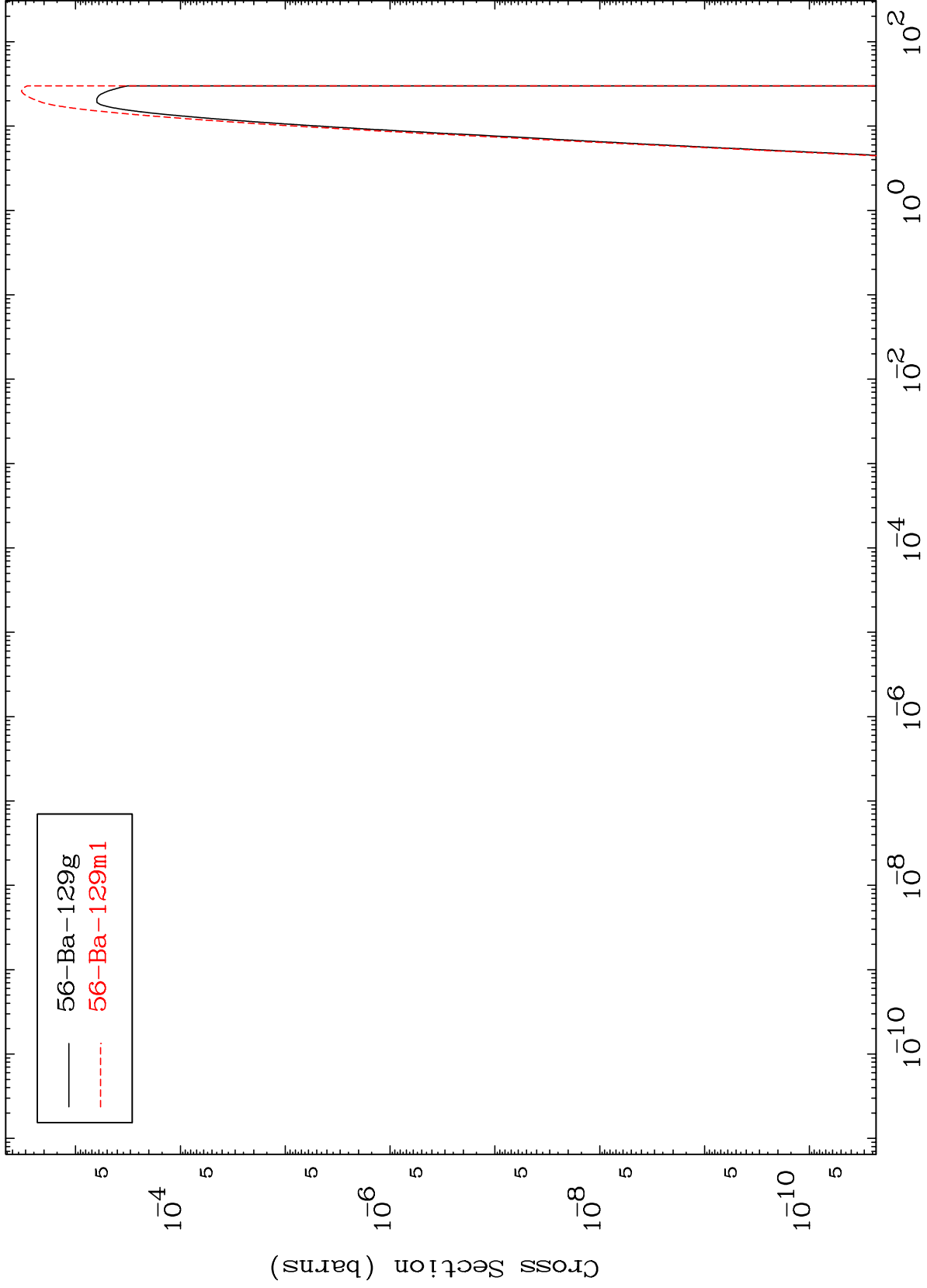
59-Pr-133

MAT 5901

(n,p) α

59-Pr-133

Radionuclide Production Cross Section



151

Incident Energy (MeV)

59-Pr-133