

Program EVALPLOT
(Version 2015-2)

by

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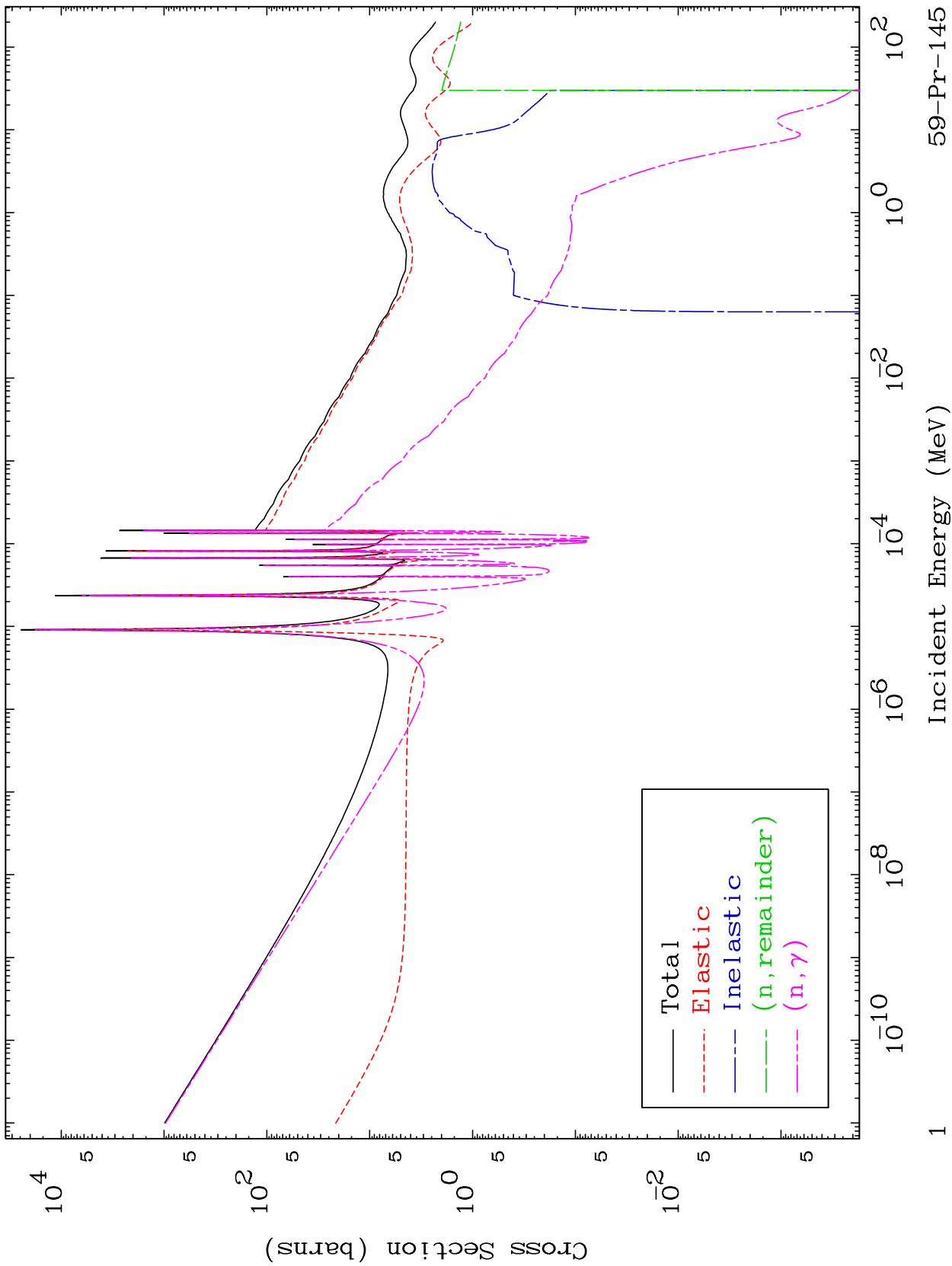
Press Mouse Button to Start

MAT 5937

Major

293 Kelvin Cross Sections

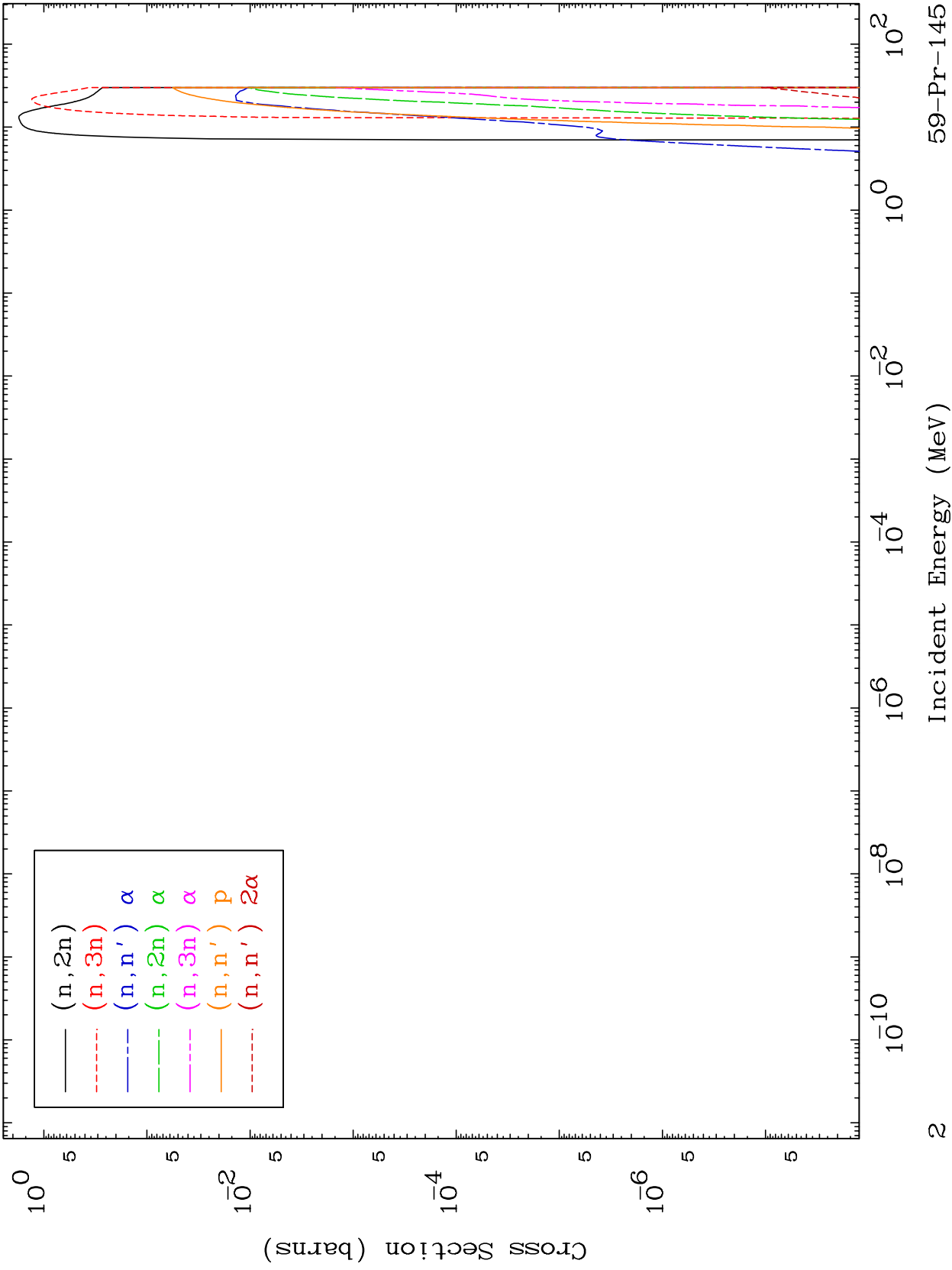
59-Pr-145



MAT 5937

Neutron Production
293 Kelvin Cross Sections

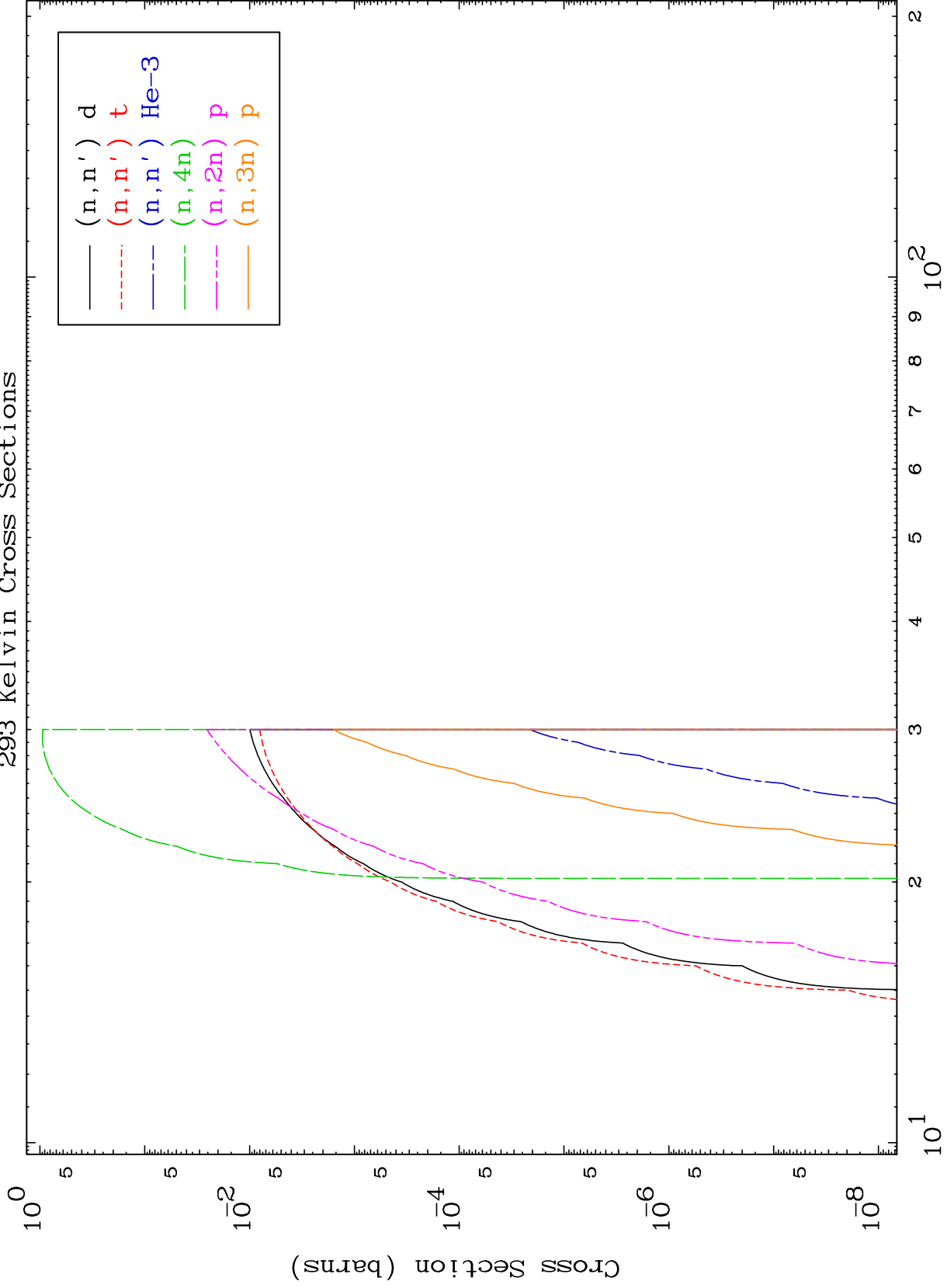
59-Pr-145



MAT 5937

Neutron Production
293 Kelvin Cross Sections

59-Pr-145



59-Pr-145

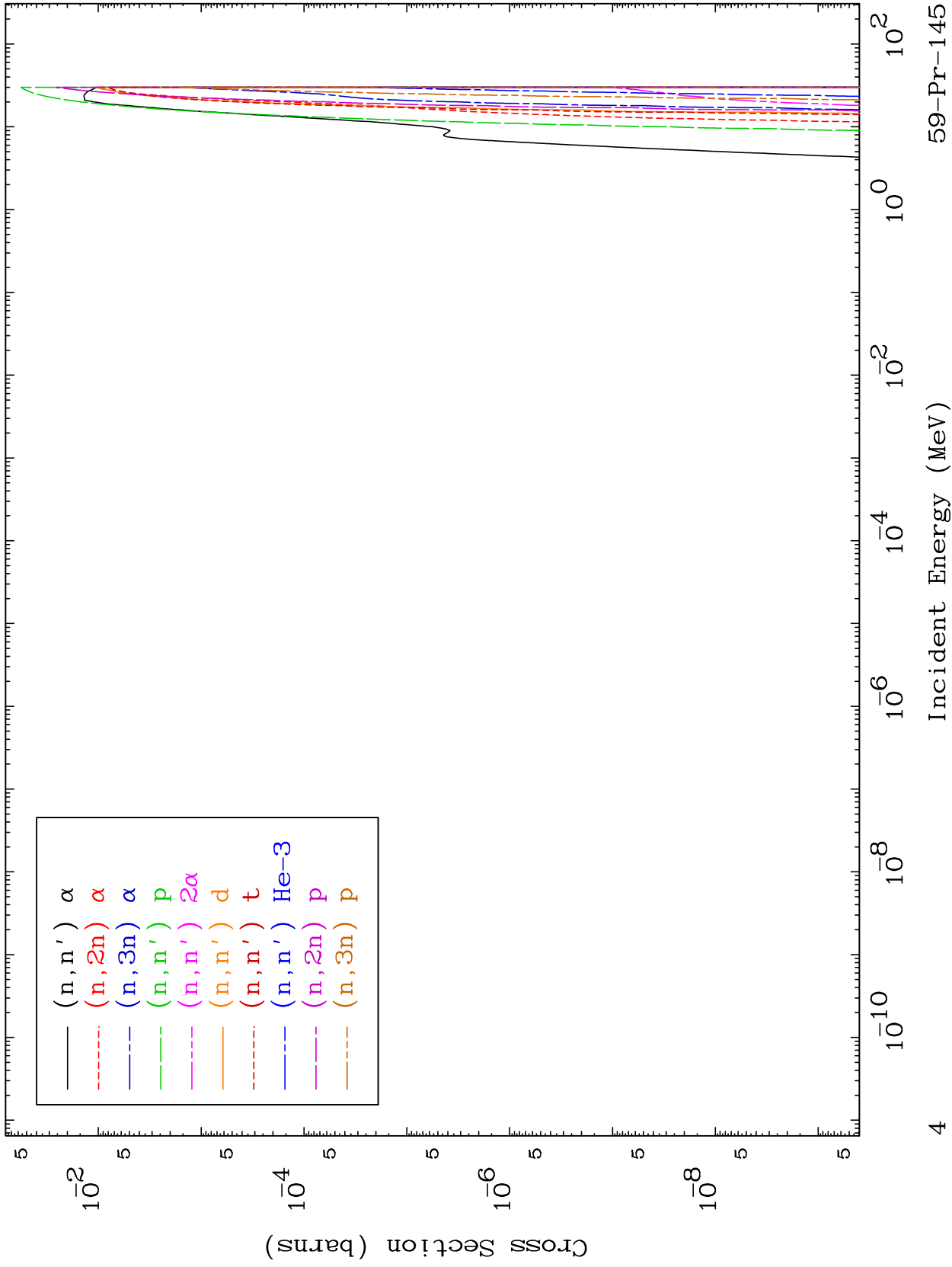
Incident Energy (MeV)

3

MAT 5937

Charged Particle
293 Kelvin Cross Sections

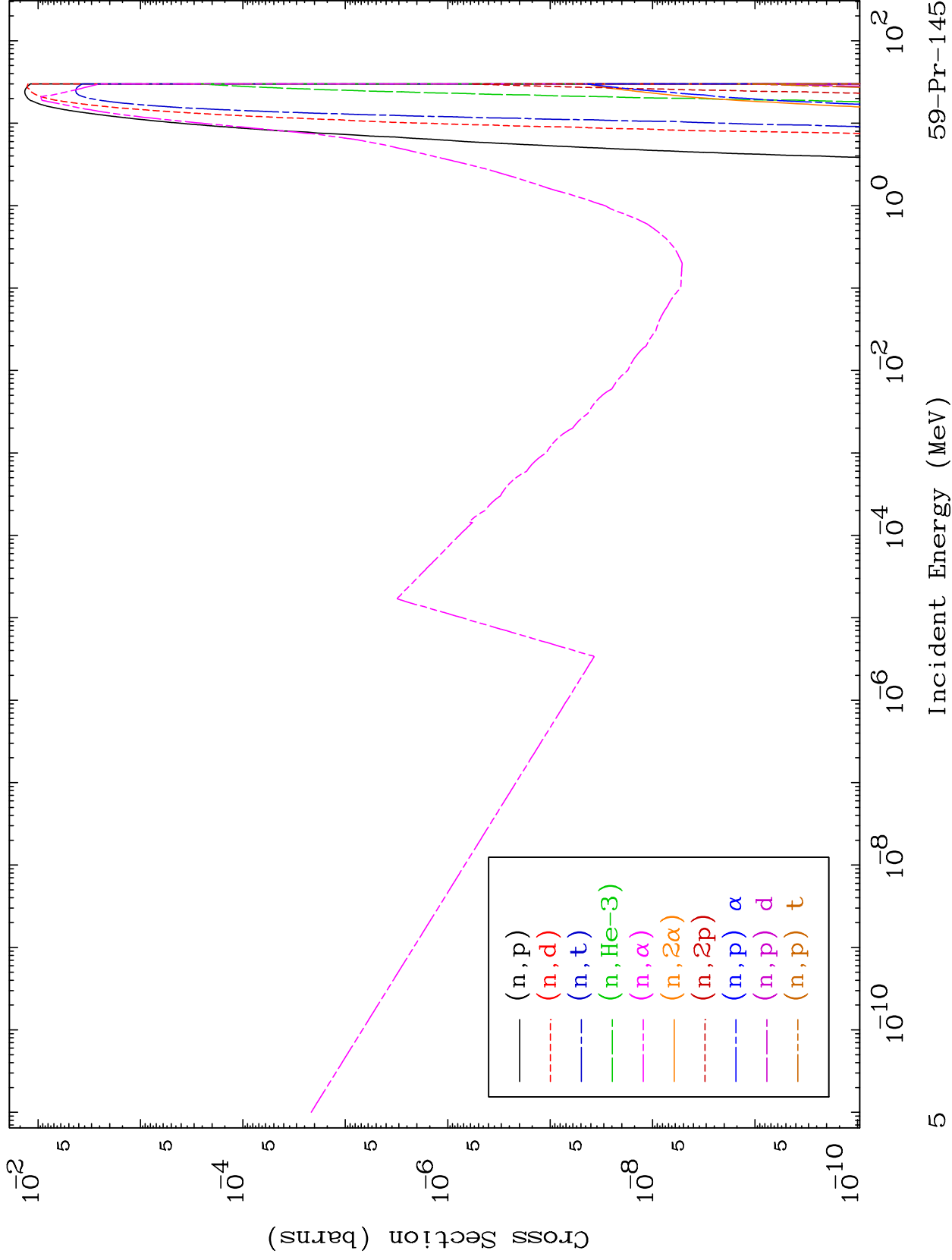
59-Pr-145

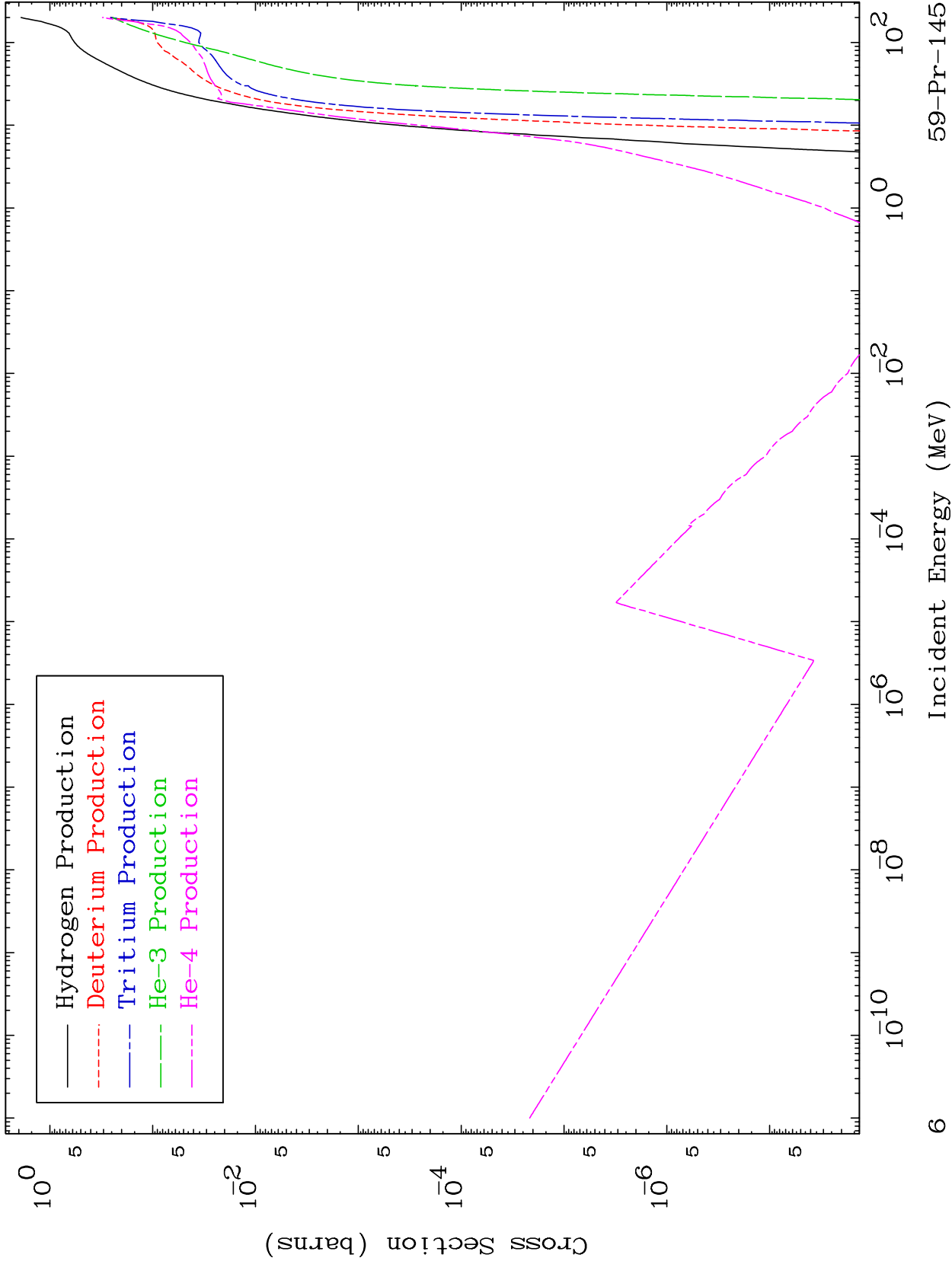


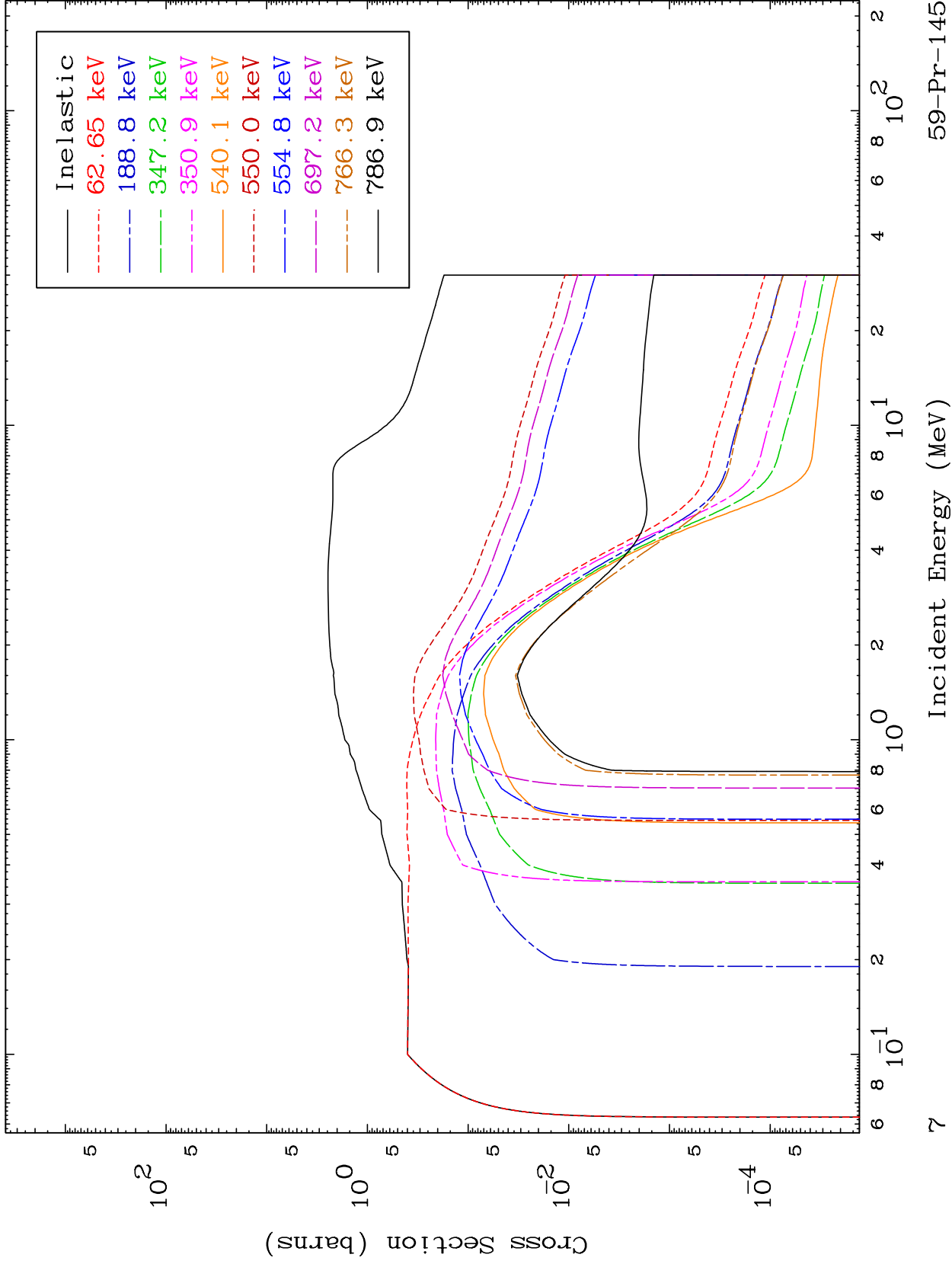
MAT 5937

Charged Particle
293 Kelvin Cross Sections

59-Pr-145



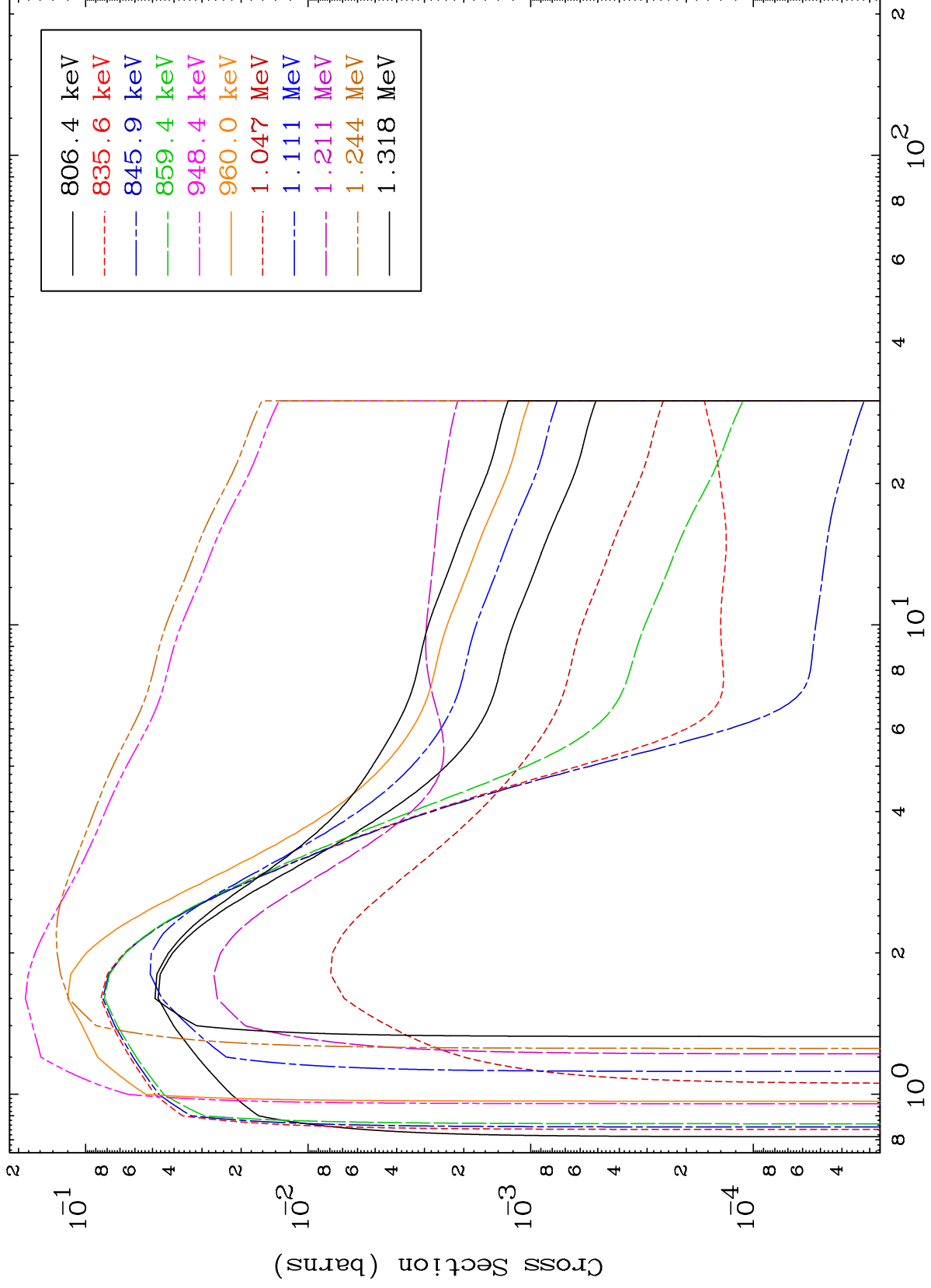




MAT 5937

(n,n') Level
293 Kelvin Cross Sections

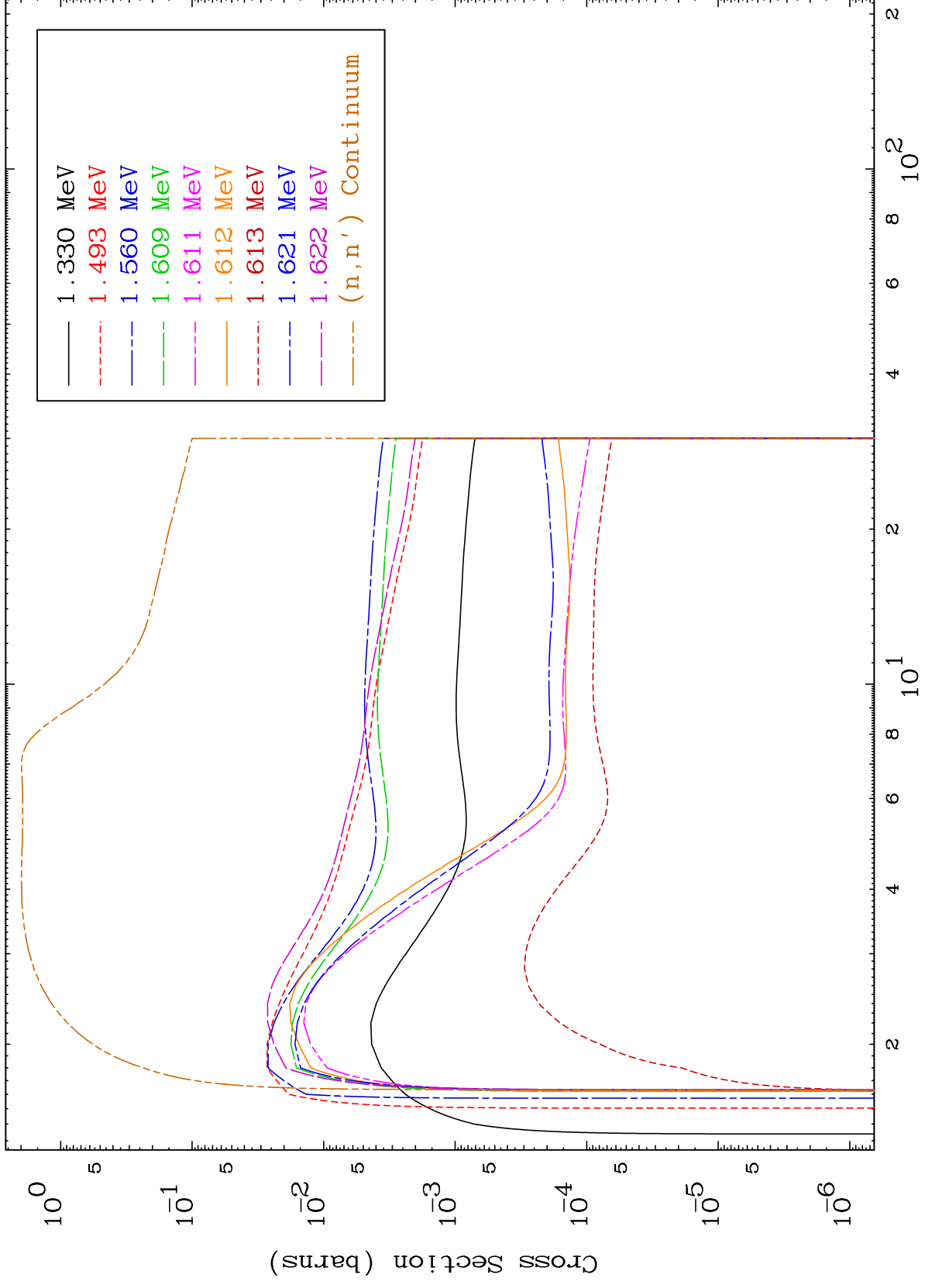
59-Pr-145



Incident Energy (MeV)

59-Pr-145

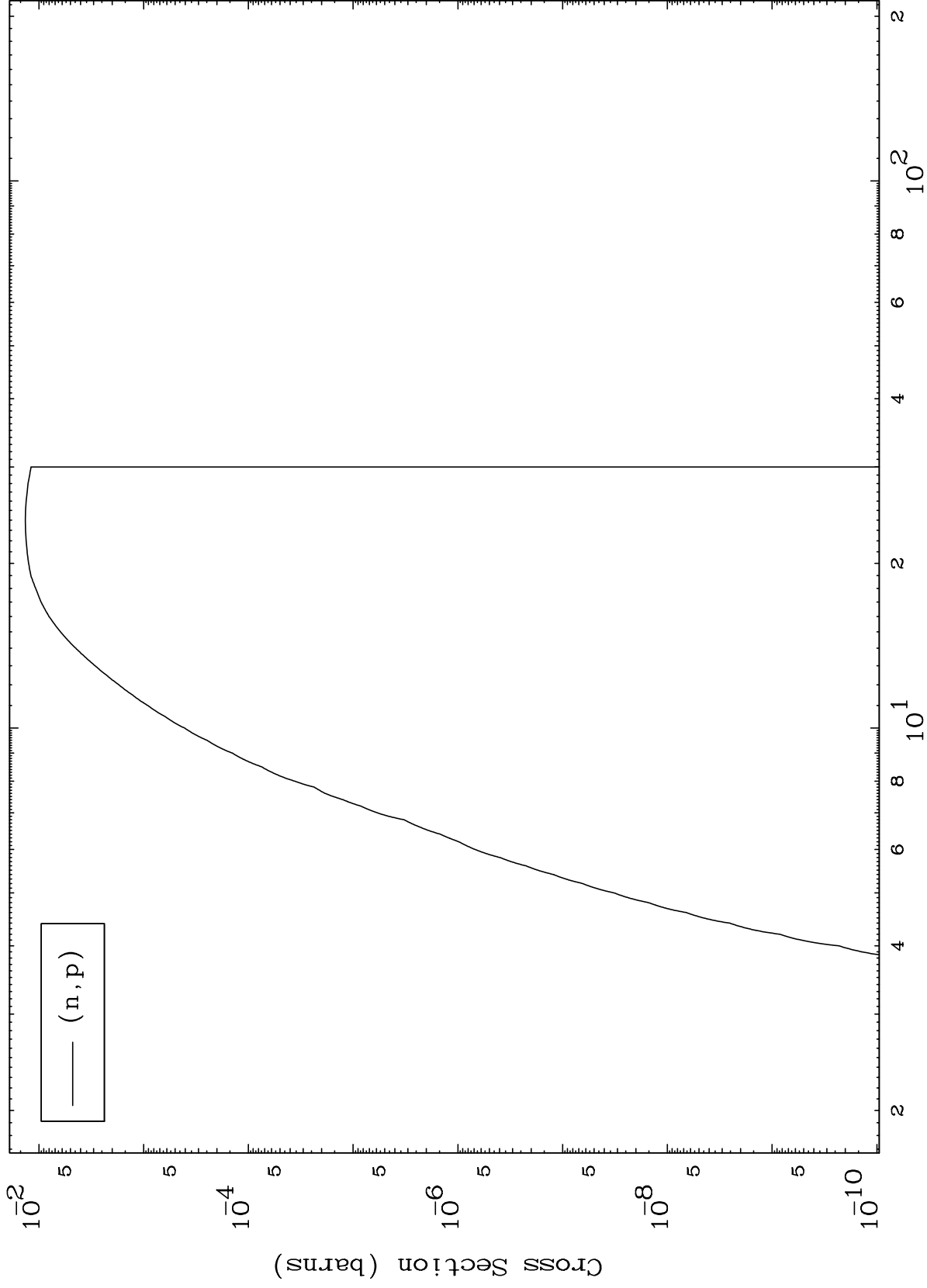
293 Kelvin Cross Sections



MAT 5937

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-145



10

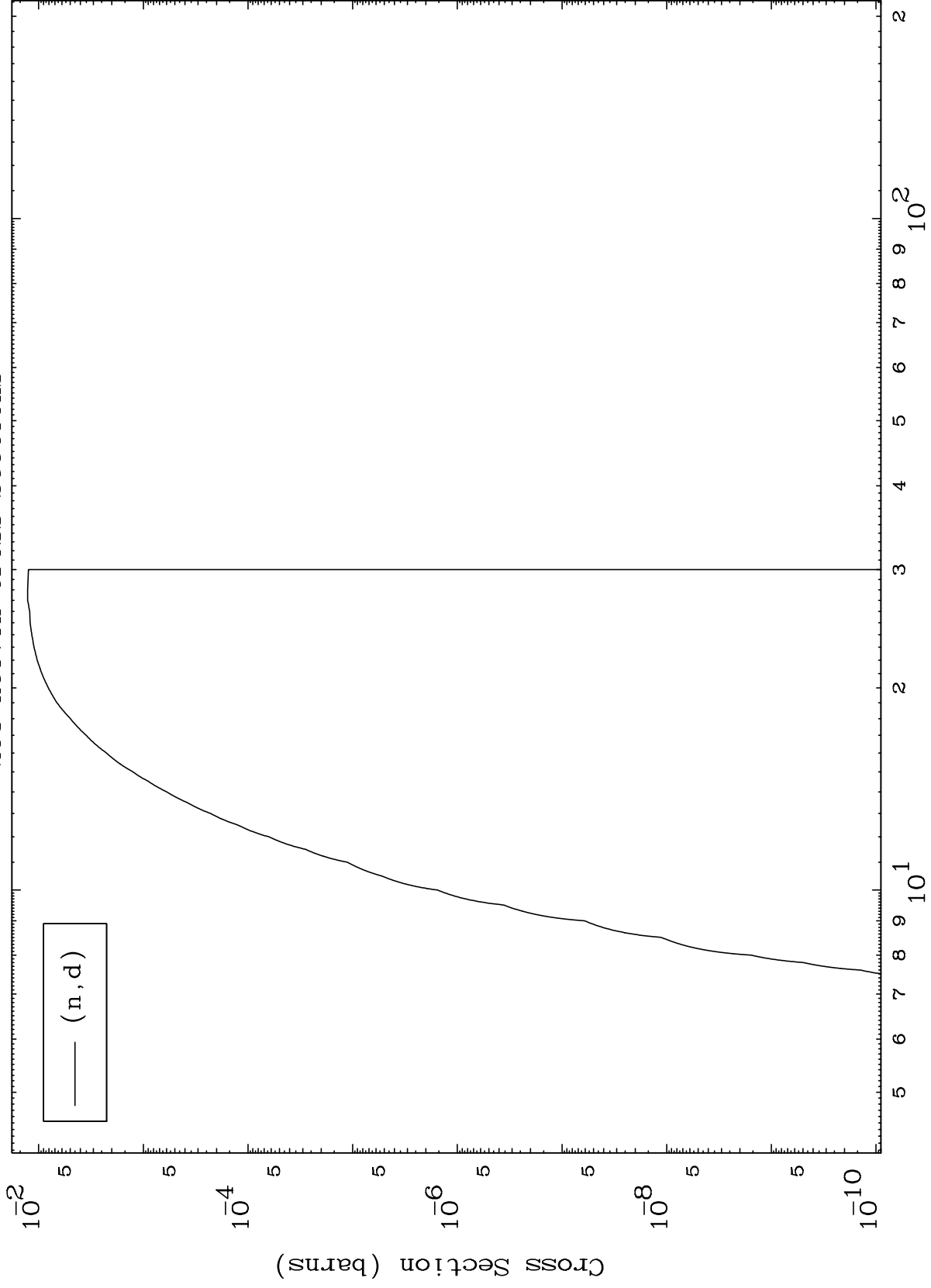
Incident Energy (MeV)

59-Pr-145

MAT 5937

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-145



11

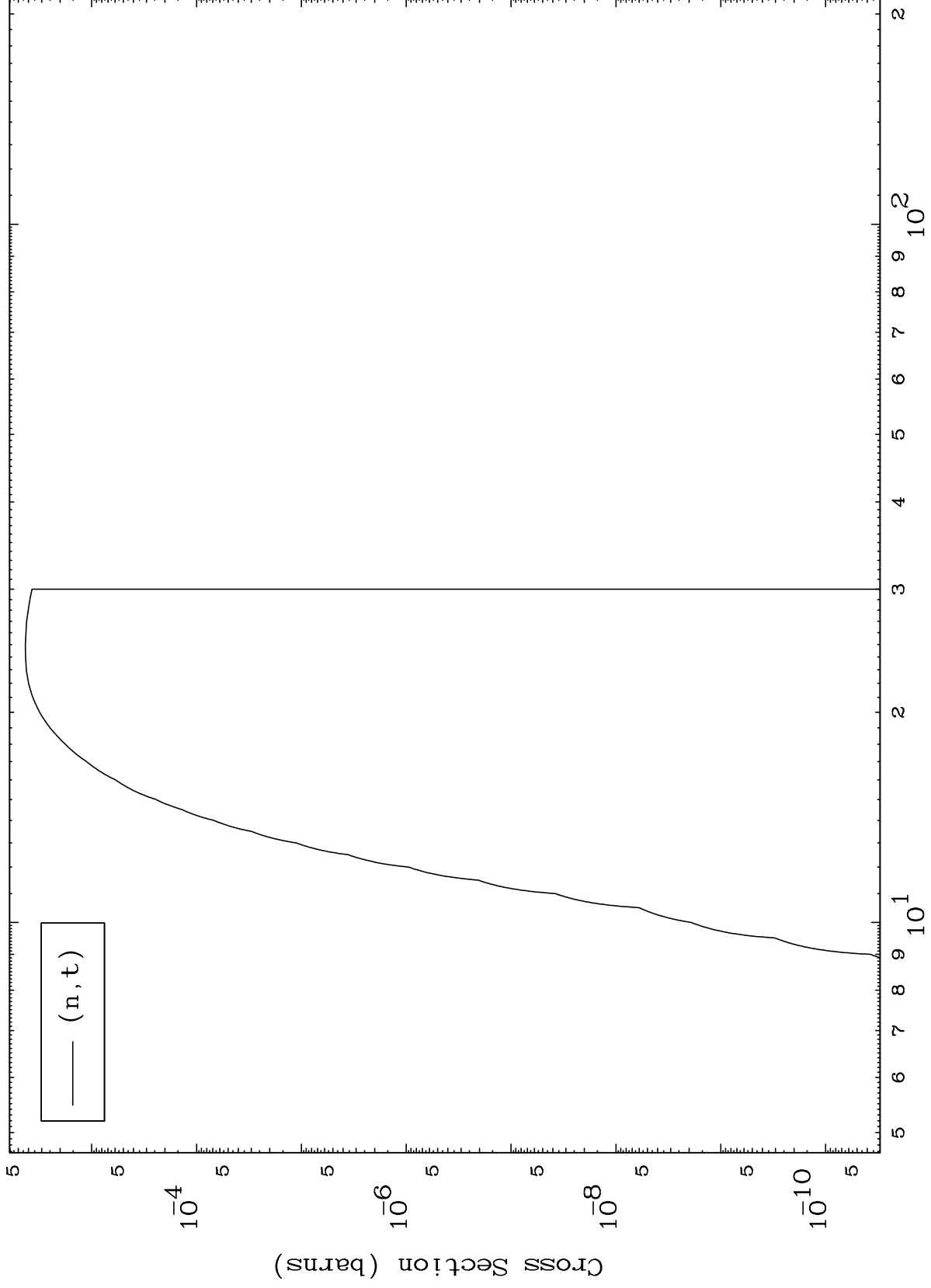
Incident Energy (MeV)

59-Pr-145

MAT 5937

(n,t) Levels
293 Kelvin Cross Sections

59-Pr-145

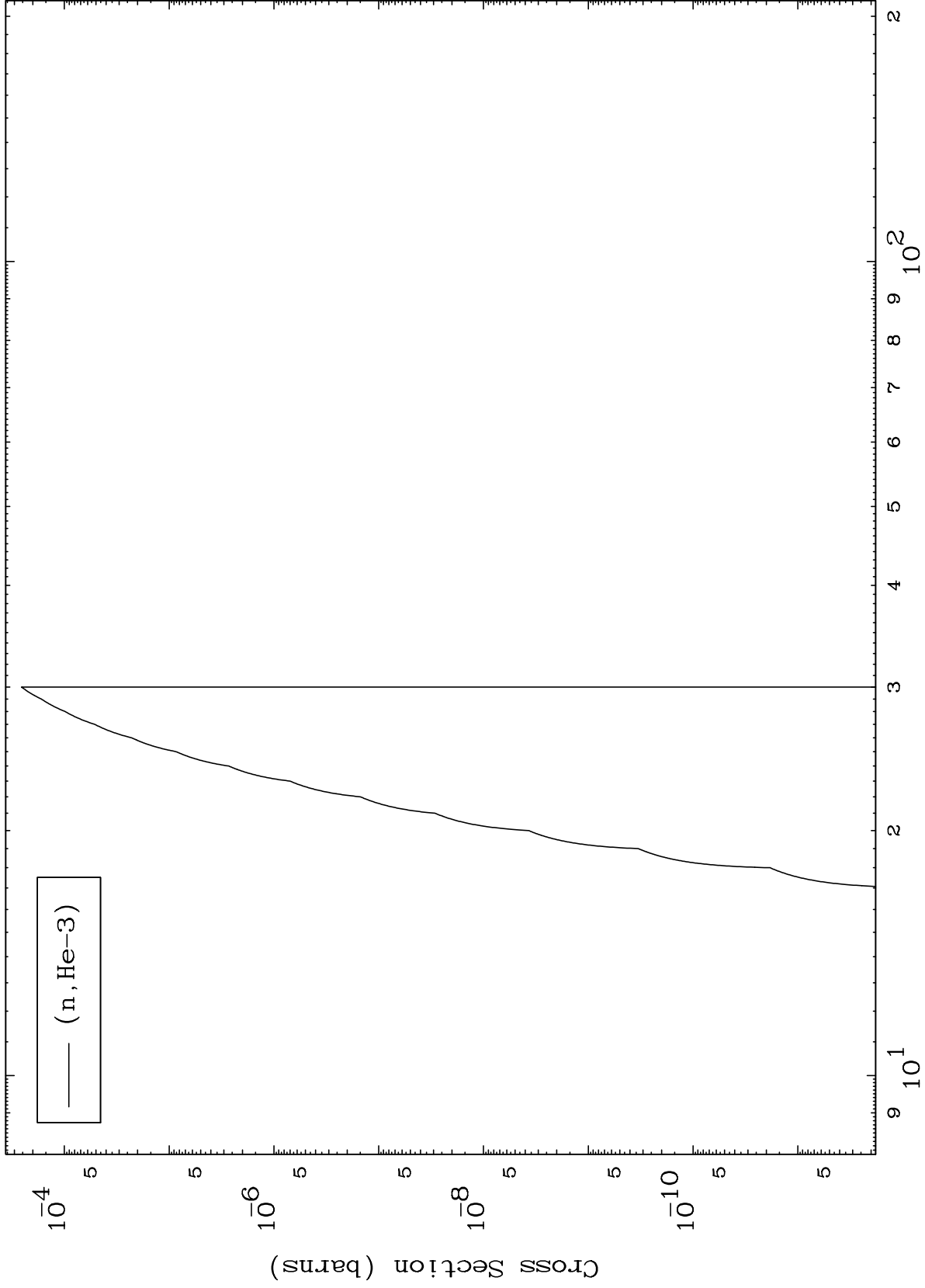


(n,t)

12

Incident Energy (MeV)

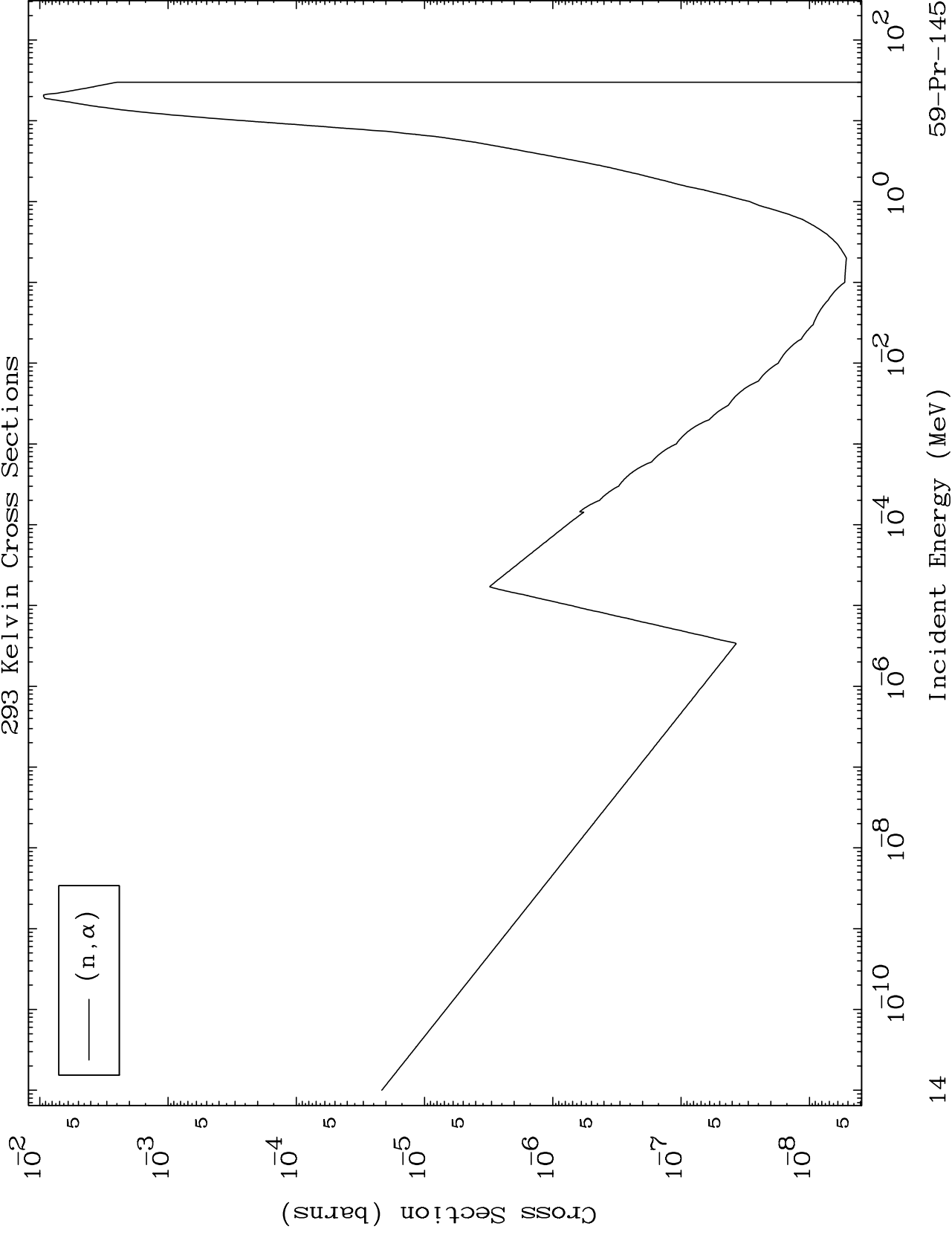
59-Pr-145

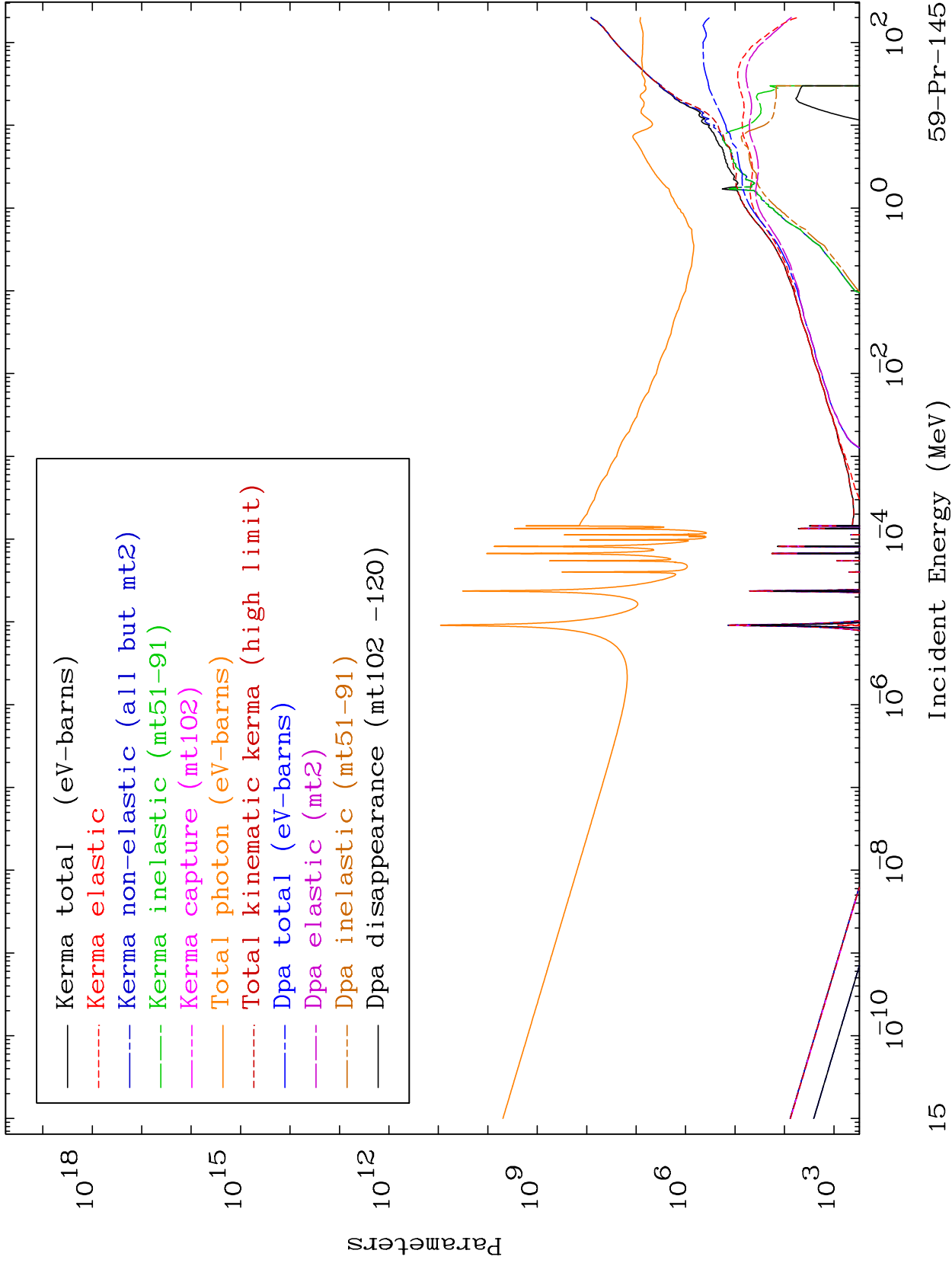


MAT 5937

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-145

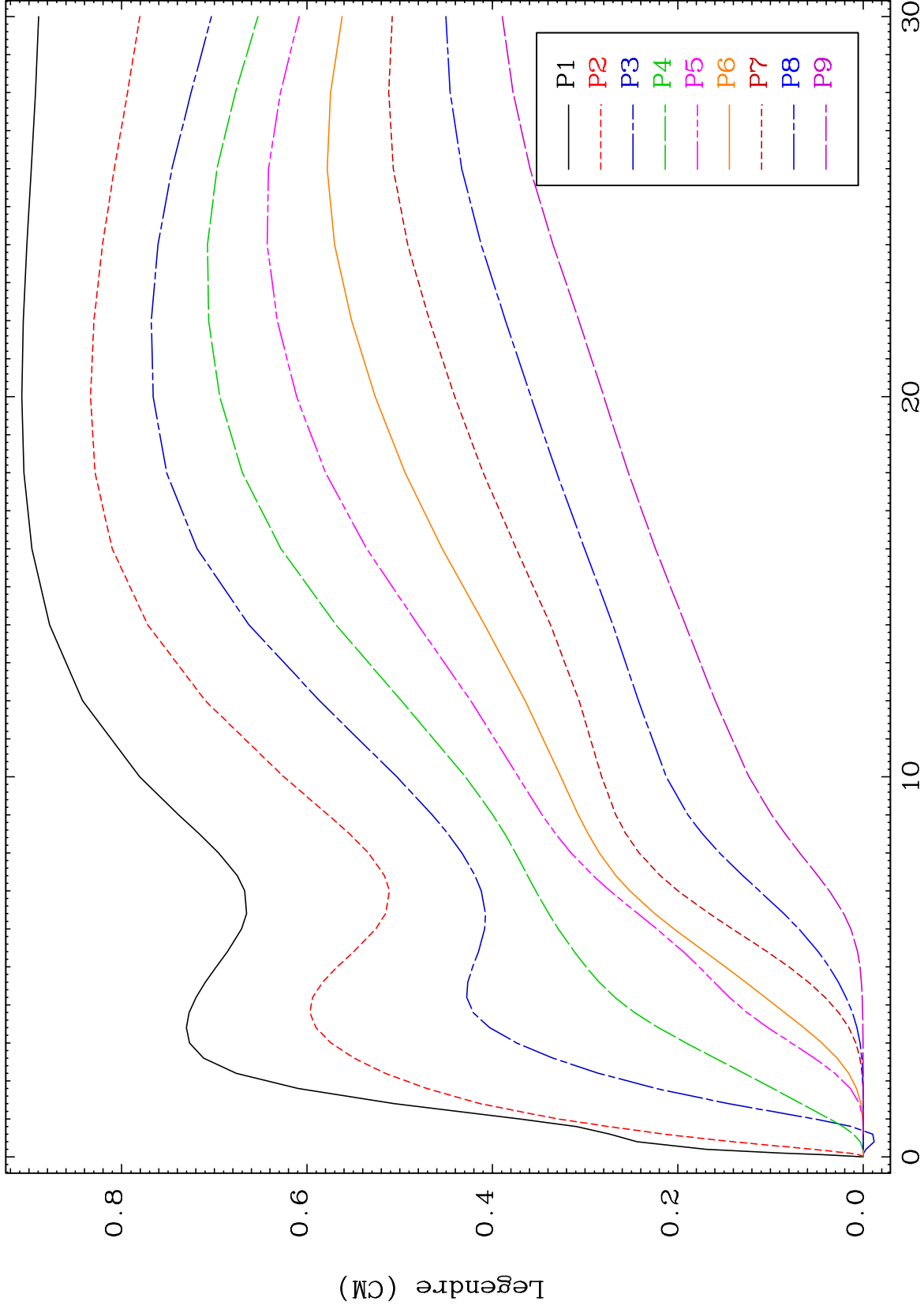




MAT 5937

Elastic Legendre Coefficients

59-Pr-145



16

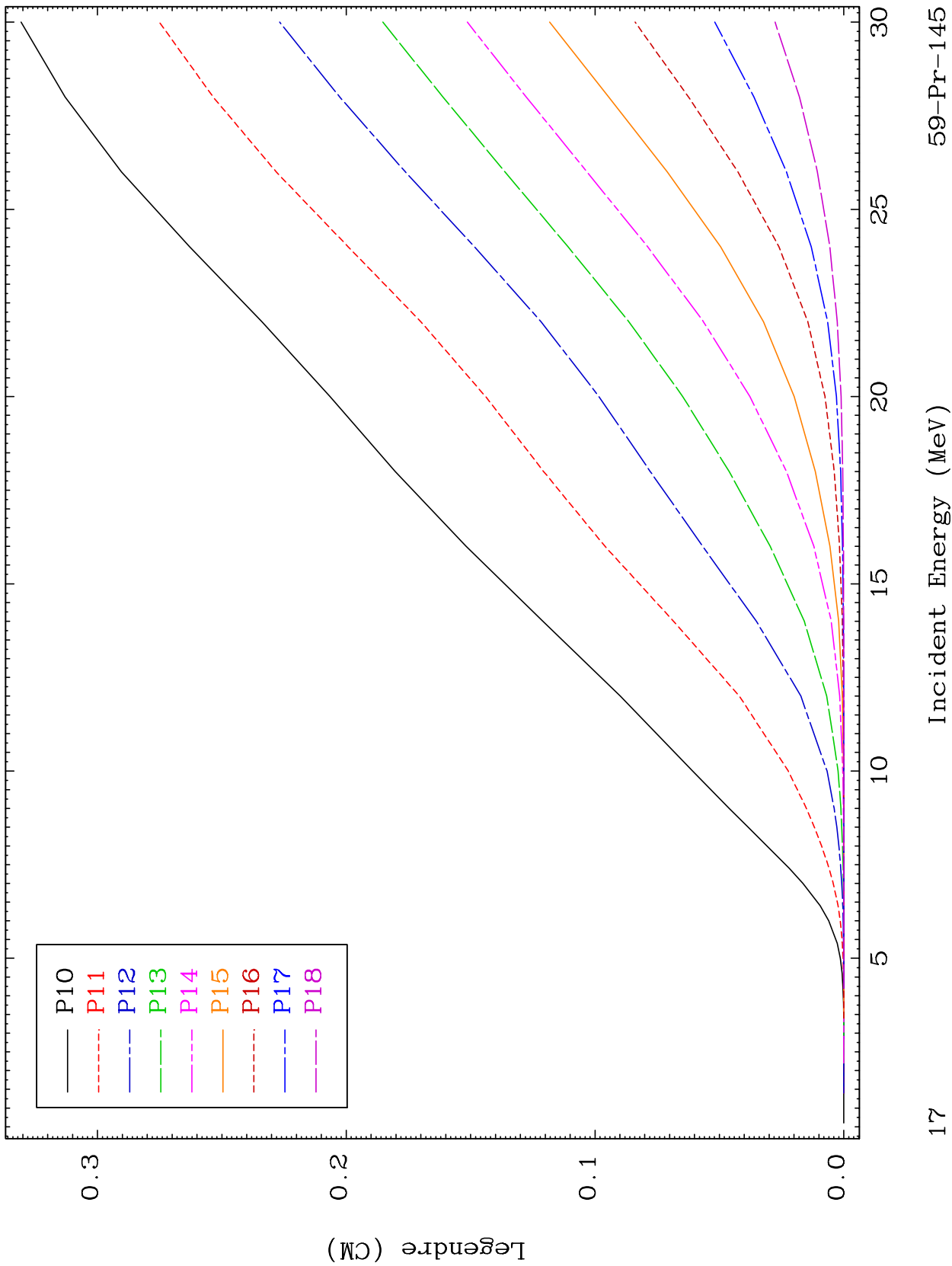
Incident Energy (MeV)

59-Pr-145

MAT 5937

Elastic Legendre Coefficients

59-Pr-145

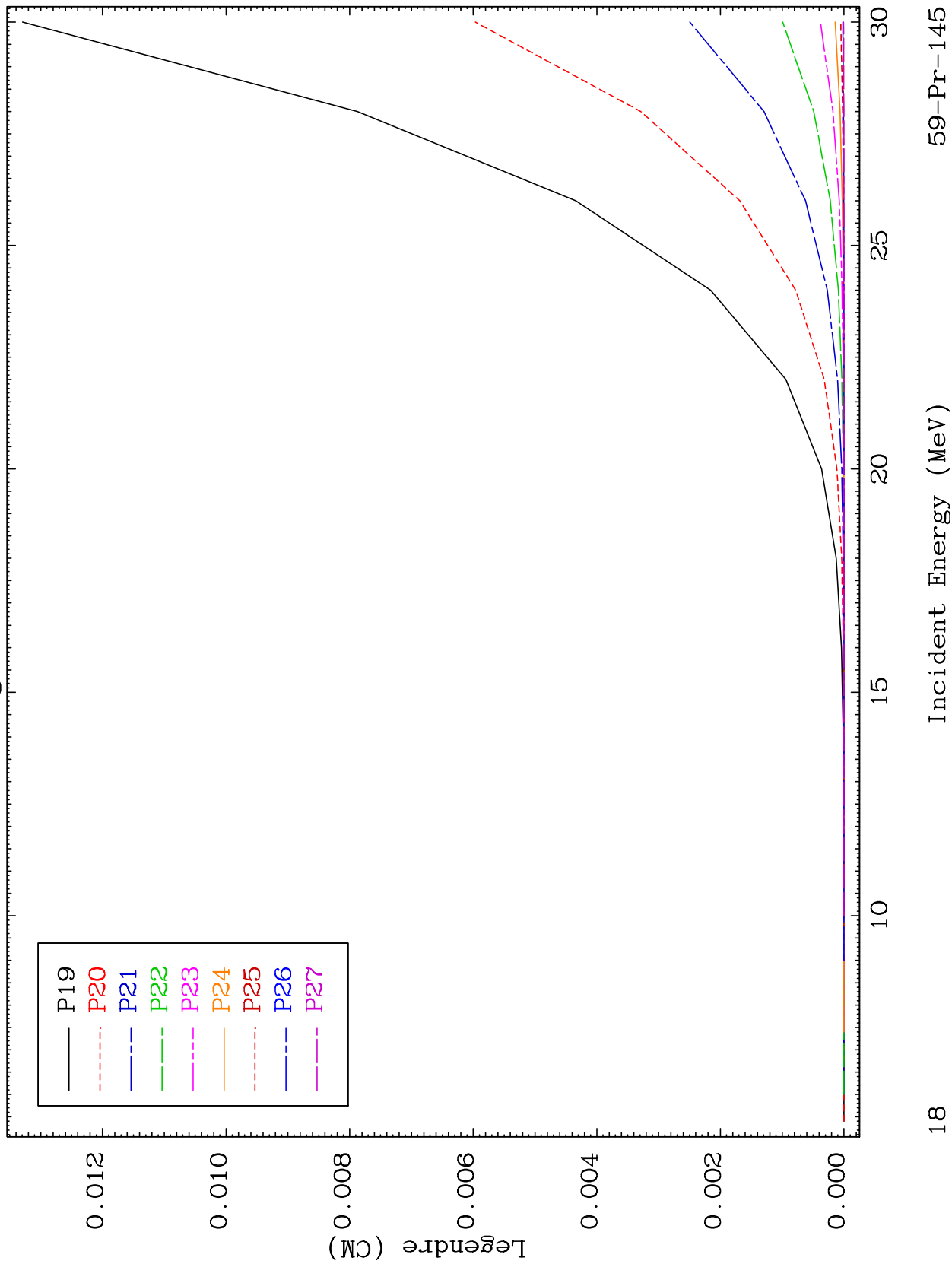


17

MAT 5937

Elastic Legendre Coefficients

59-Pr-145



18

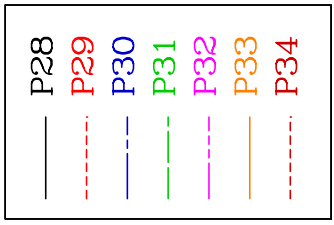
Incident Energy (MeV)

59-Pr-145

MAT 5937

Elastic Legendre Coefficients

59-Pr-145



$\times 10^{-6}$

1.5

Legendre (CM)

1.0

0.5

0.0

15

20

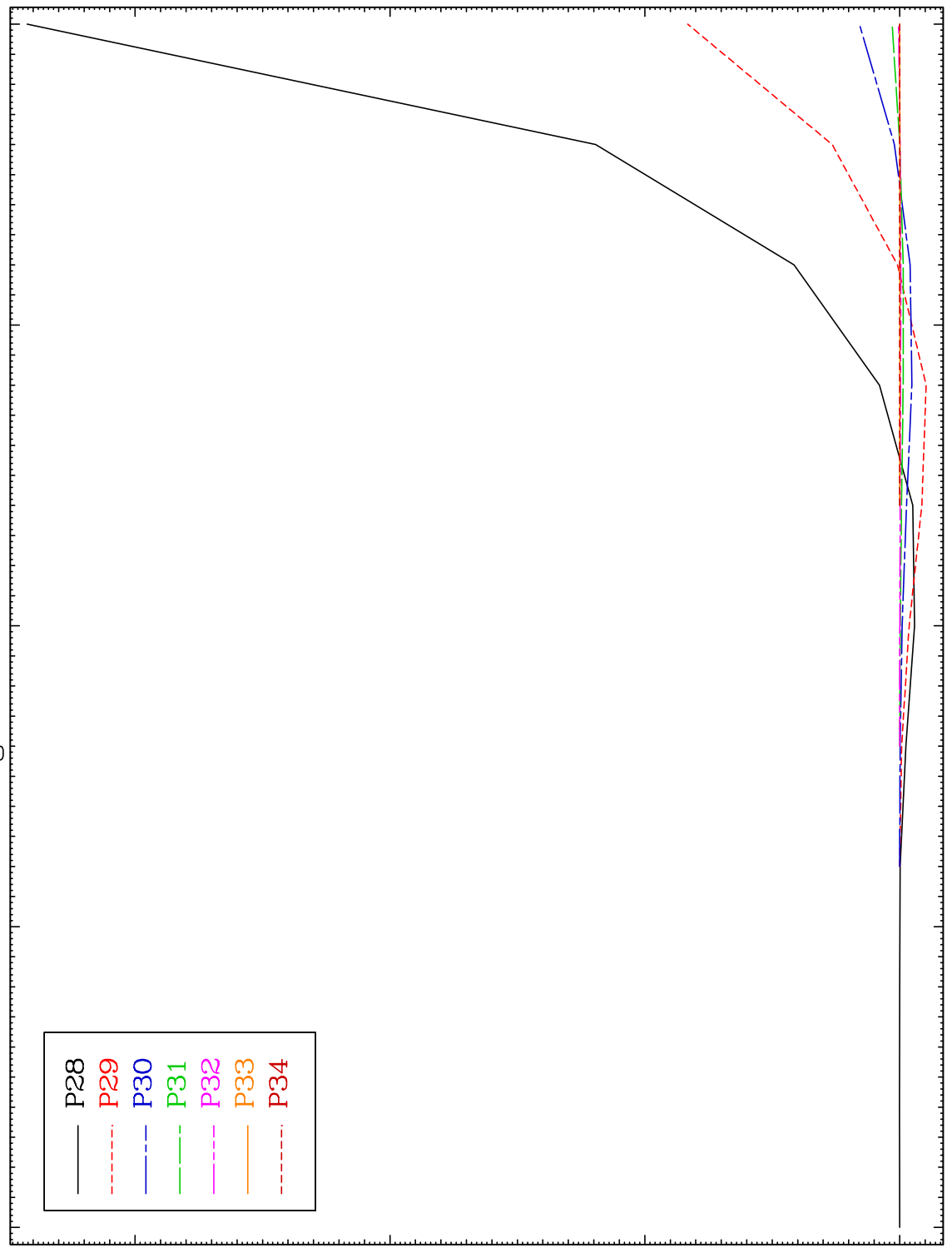
25

30

19

Incident Energy (MeV)

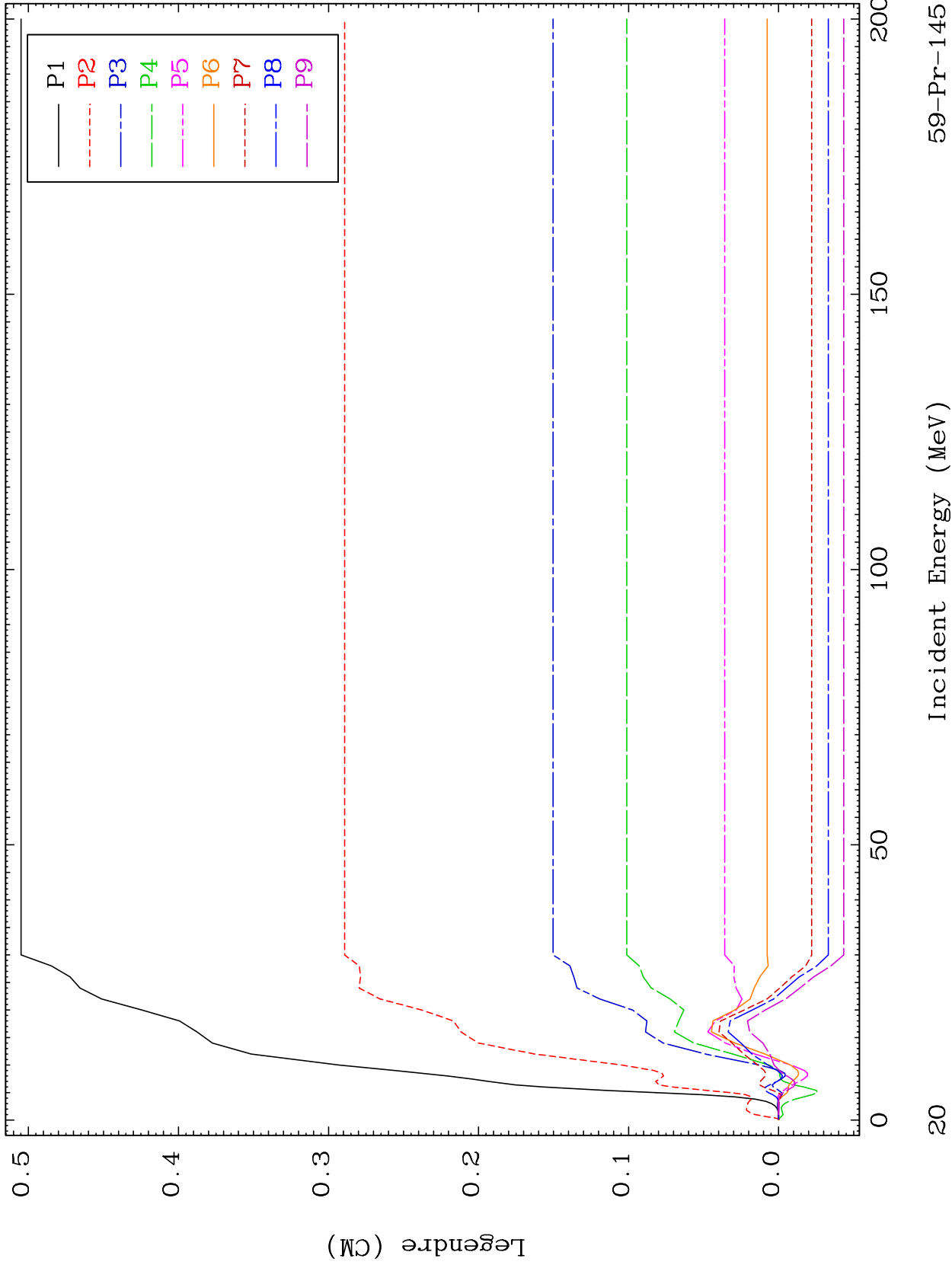
59-Pr-145



MAT 5937

62.65 keV (n, n') Level
Legendre Coefficients

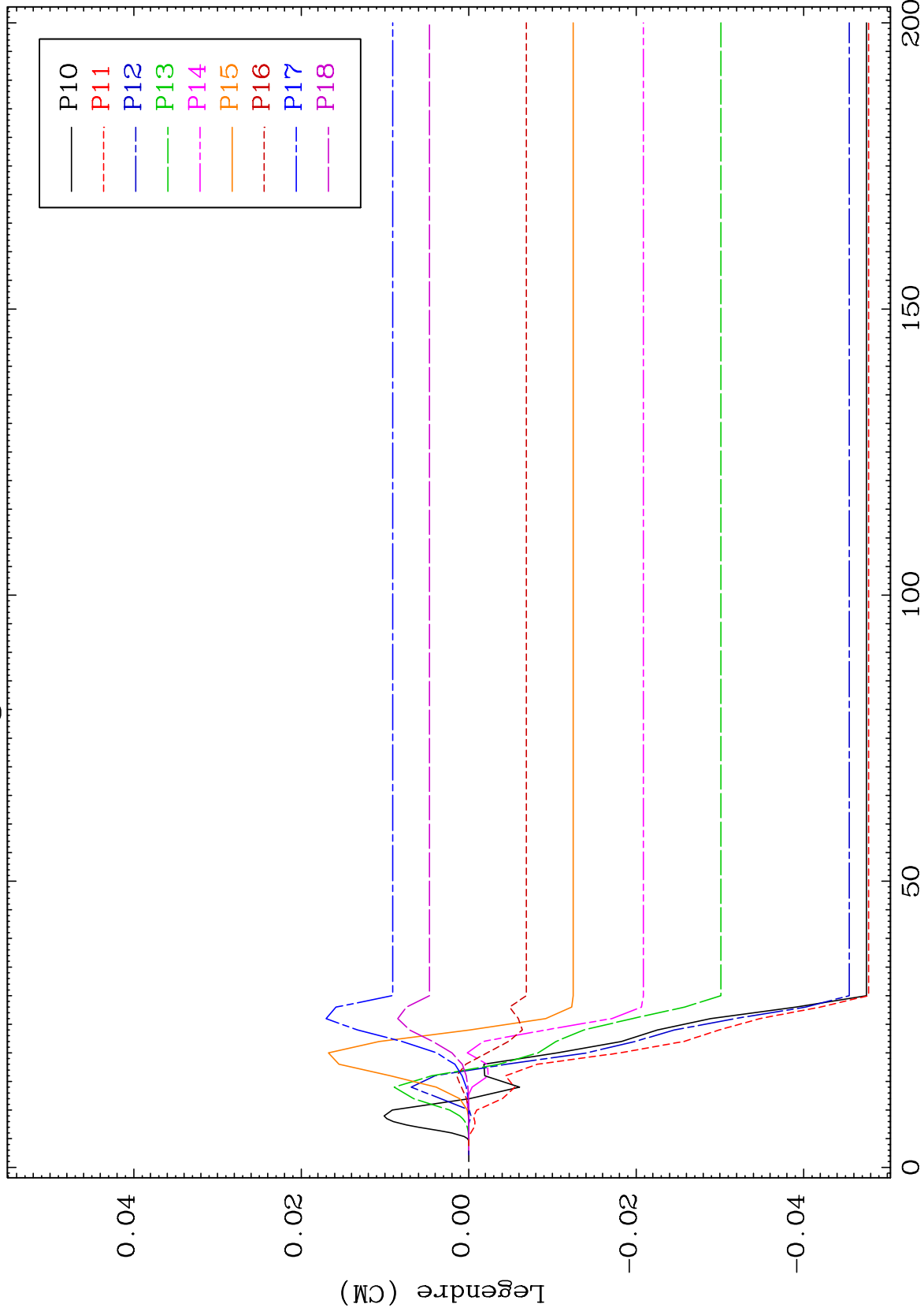
59-Pr-145



MAT 5937

62.65 keV (n,n') Level
Legendre Coefficients

59-Pr-145



21

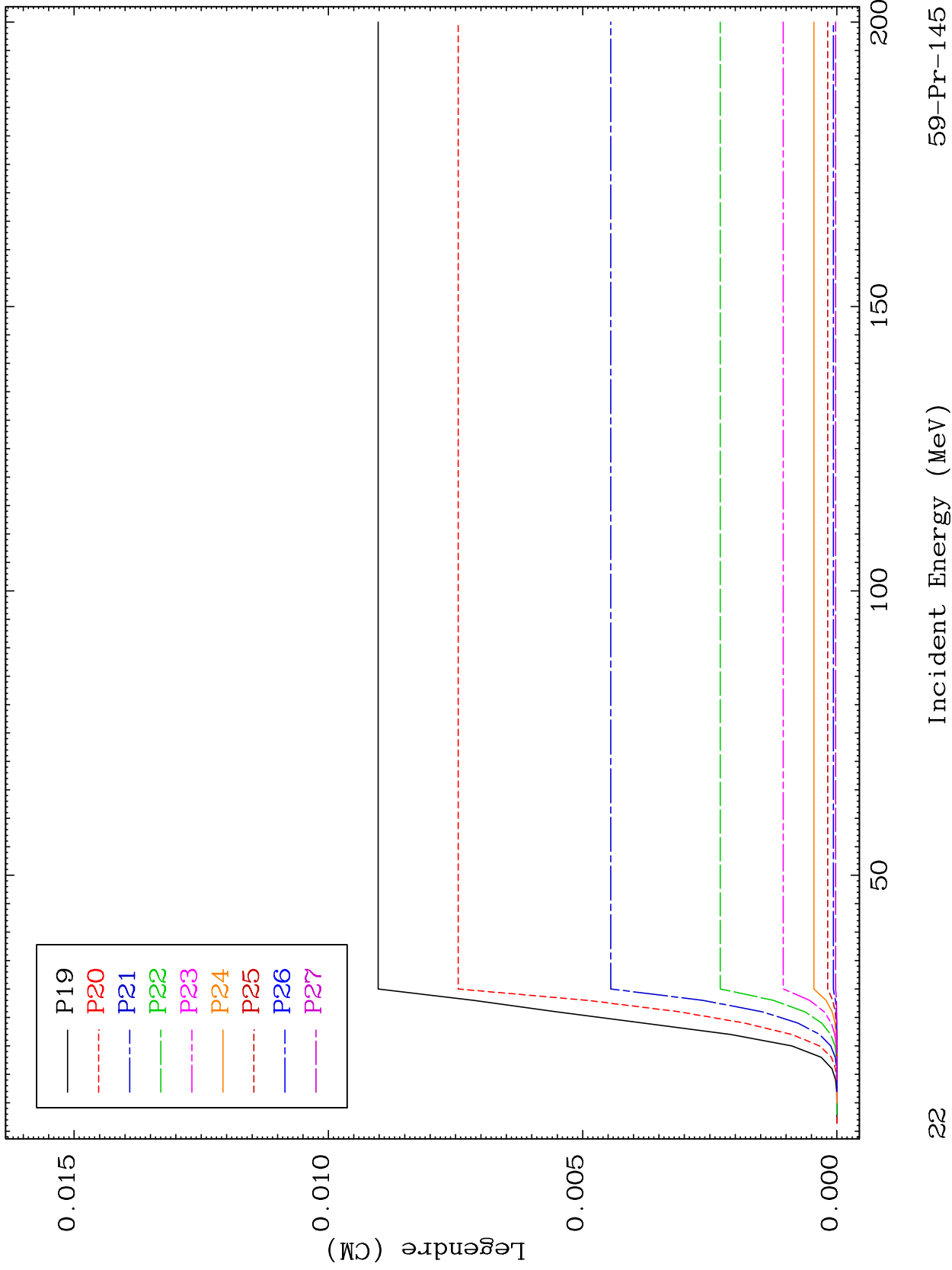
Incident Energy (MeV)

59-Pr-145

MAT 5937

62.65 keV (n,n') Level
Legendre Coefficients

59-Pr-145



22

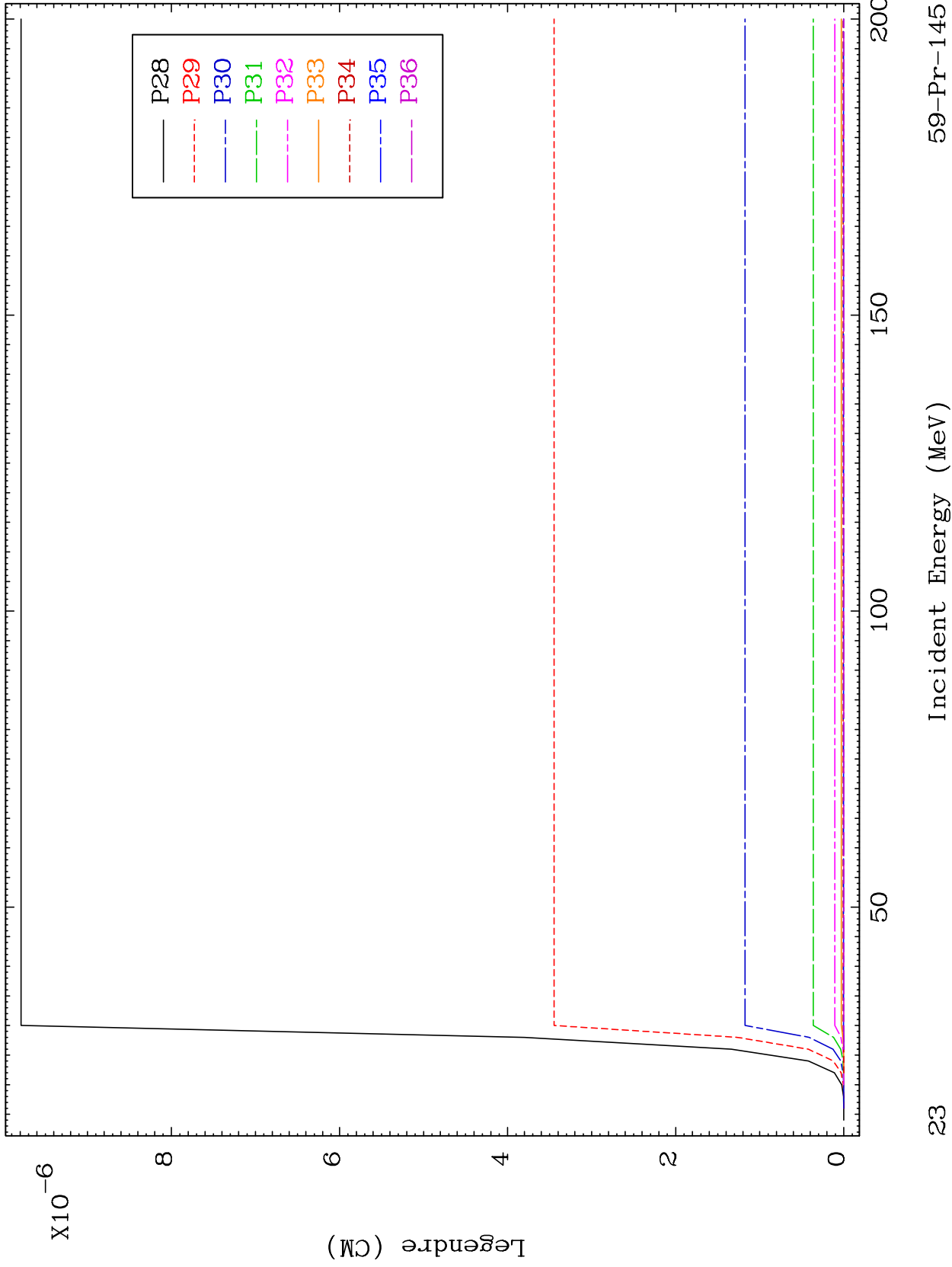
Incident Energy (MeV)

59-Pr-145

MAT 5937

62.65 keV (n,n') Level
Legendre Coefficients

59-Pr-145

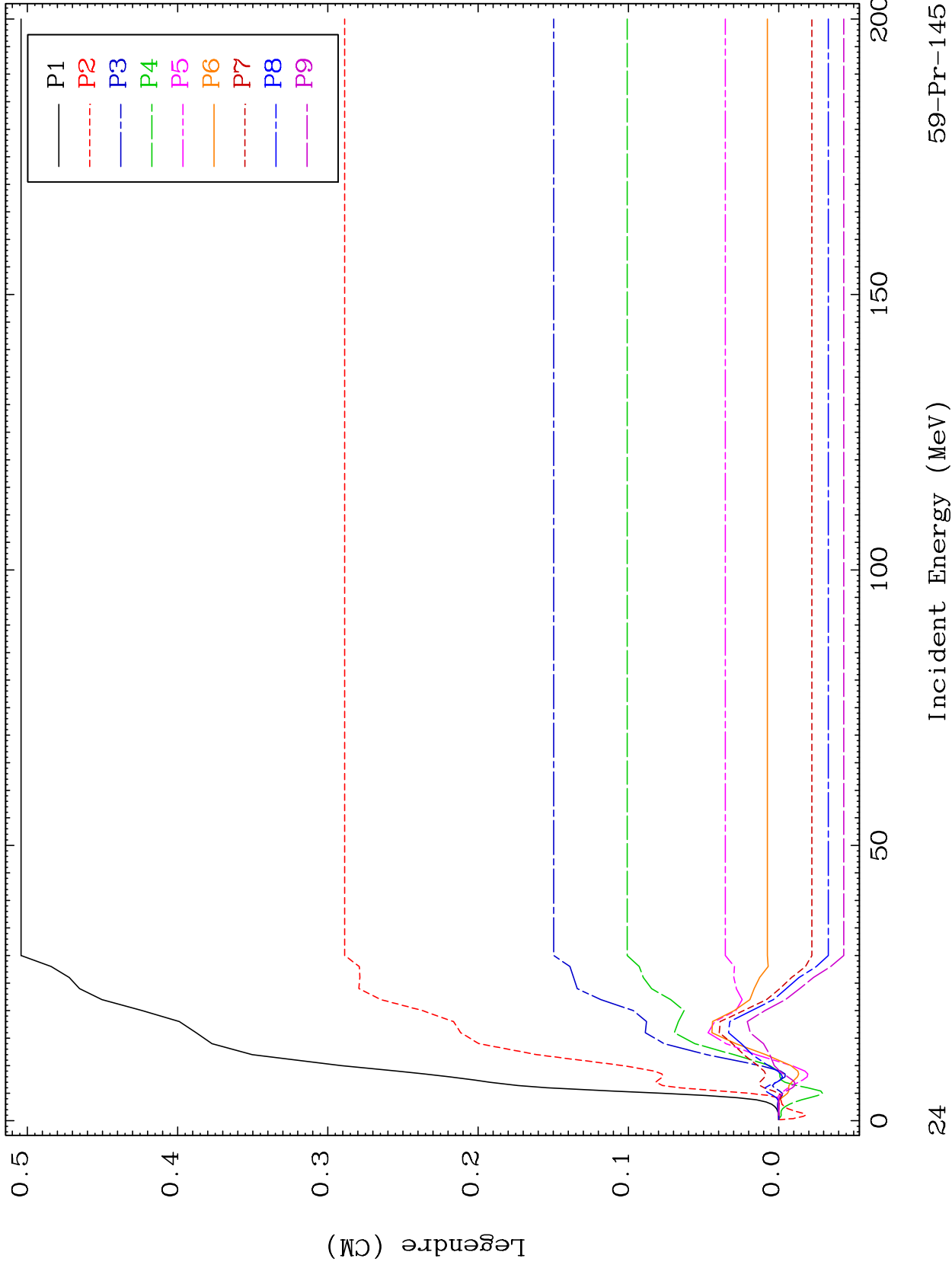


23

MAT 5937

188.8 keV (n, n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

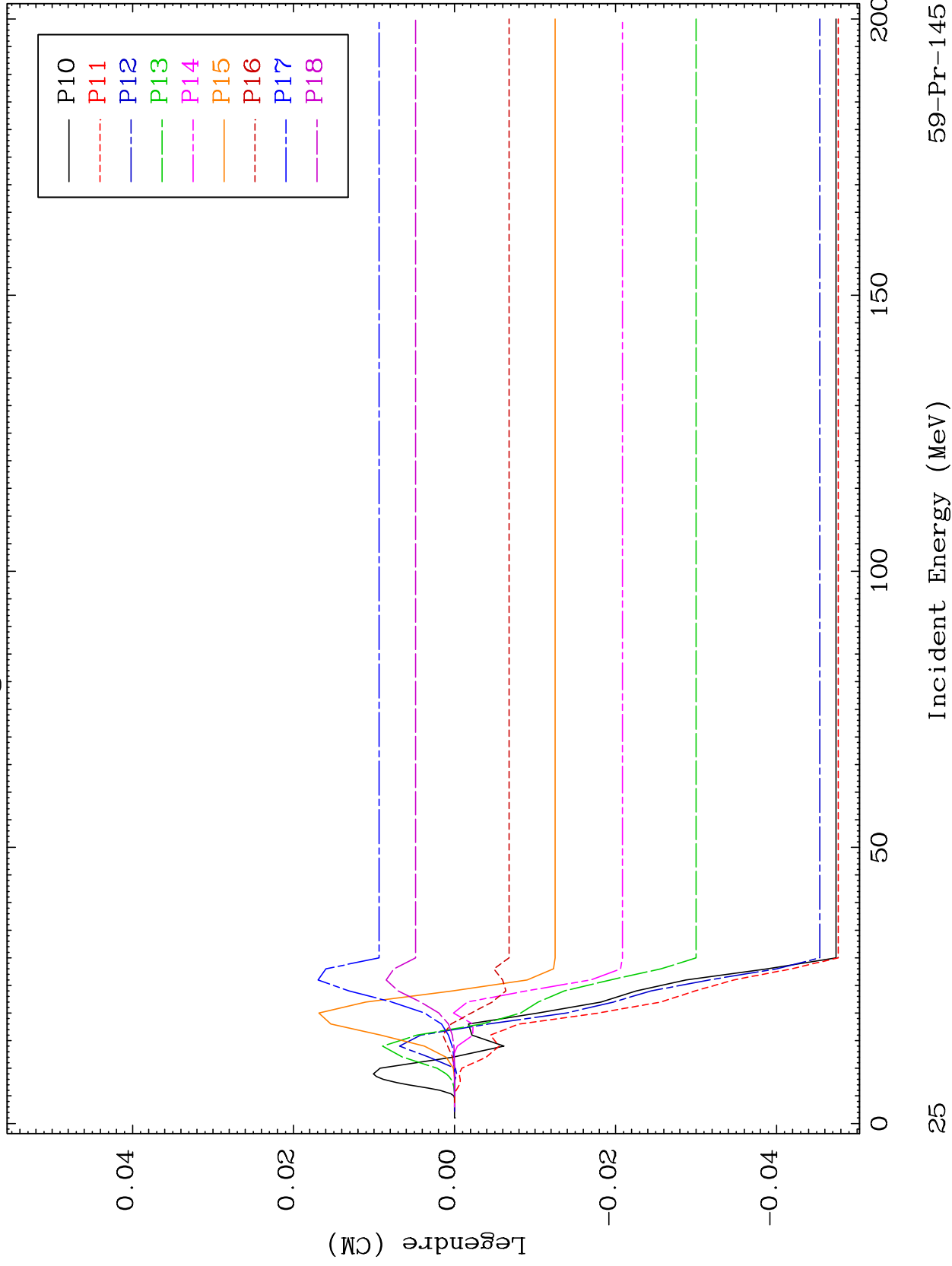
Incident Energy (MeV)

24

MAT 5937

188.8 keV (n,n') Level
Legendre Coefficients

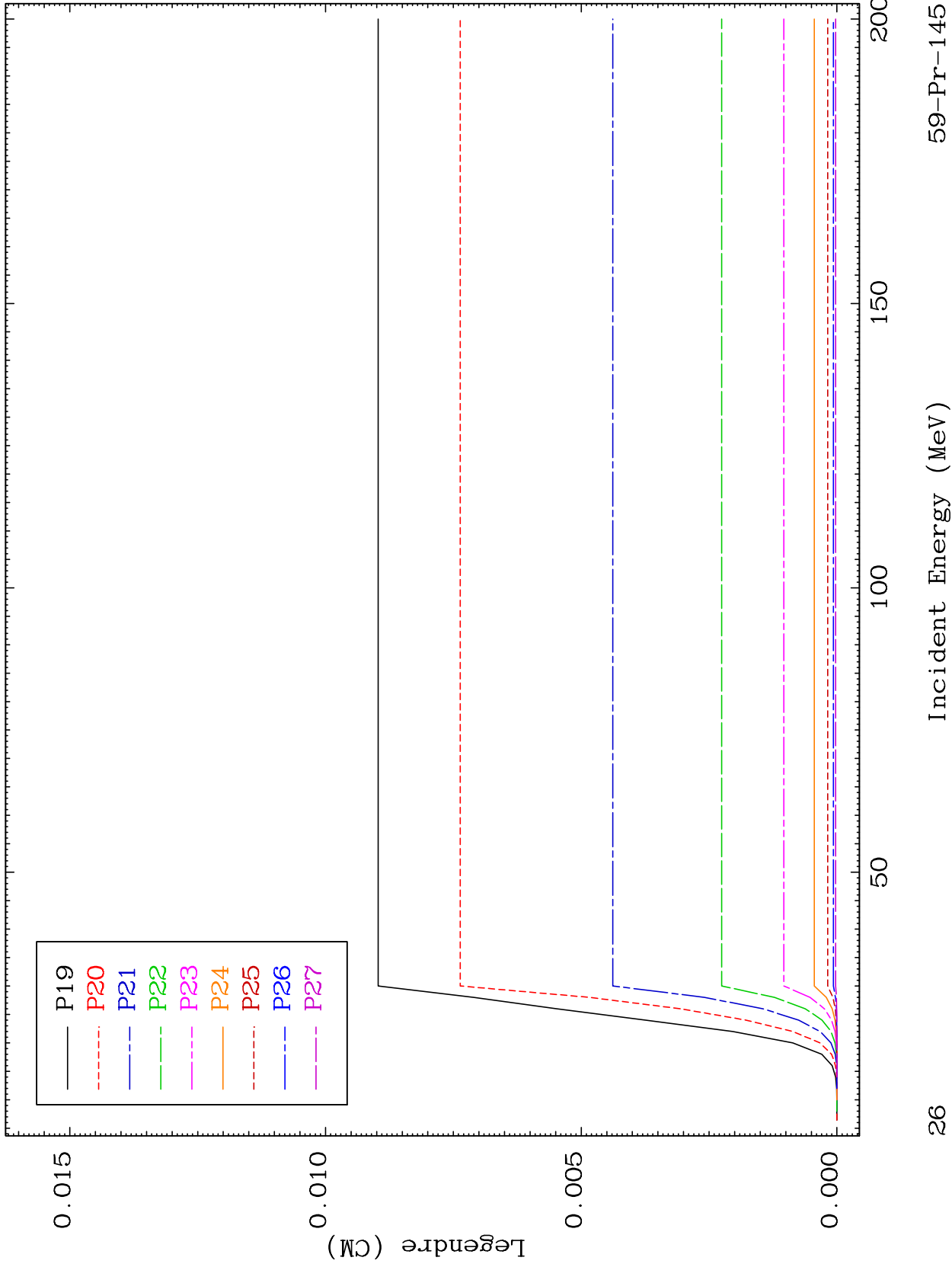
59-Pr-145



59-Pr-145

Incident Energy (MeV)

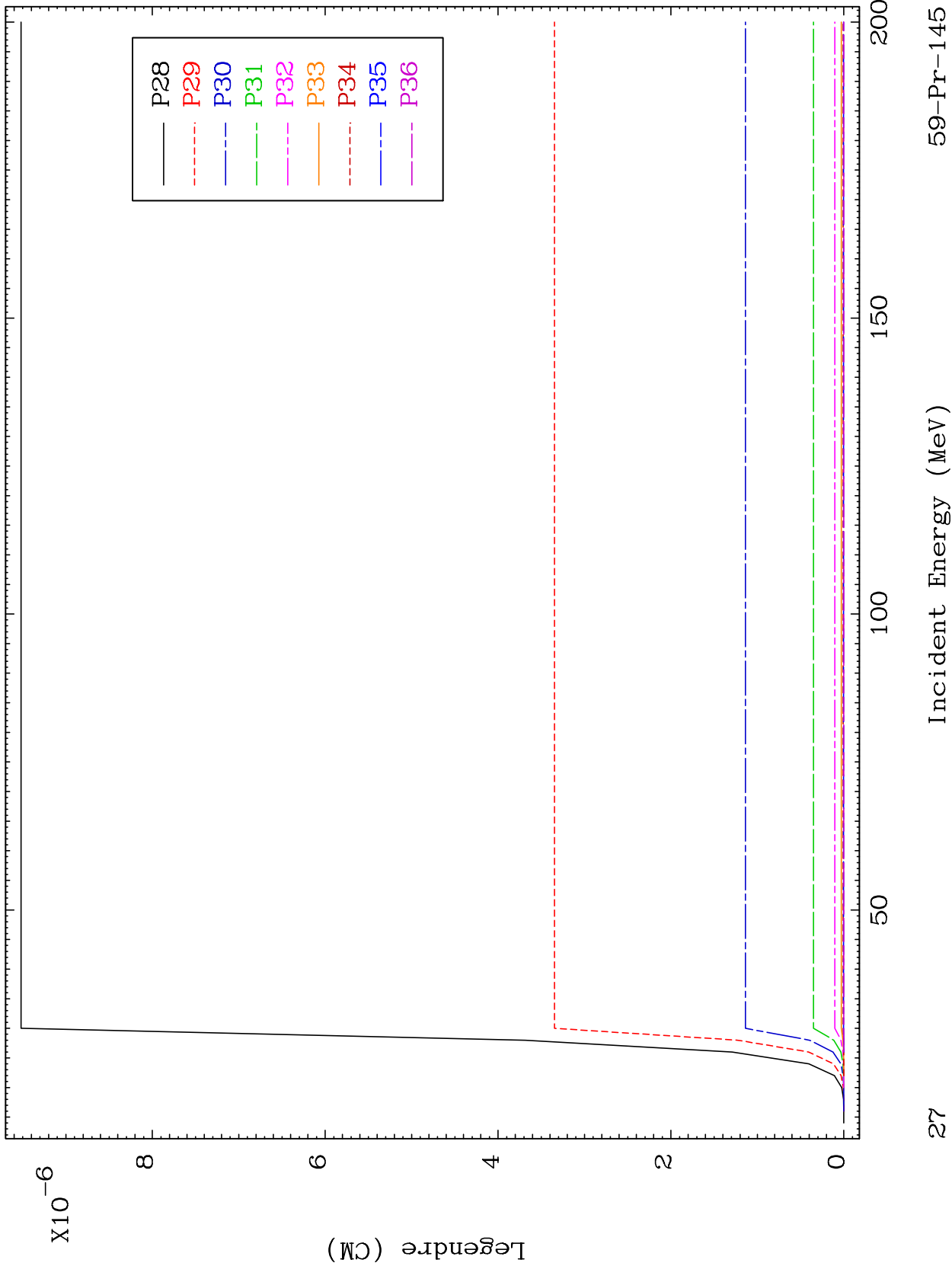
25



MAT 5937

188.8 keV (n, n') Level
Legendre Coefficients

59-Pr-145



27

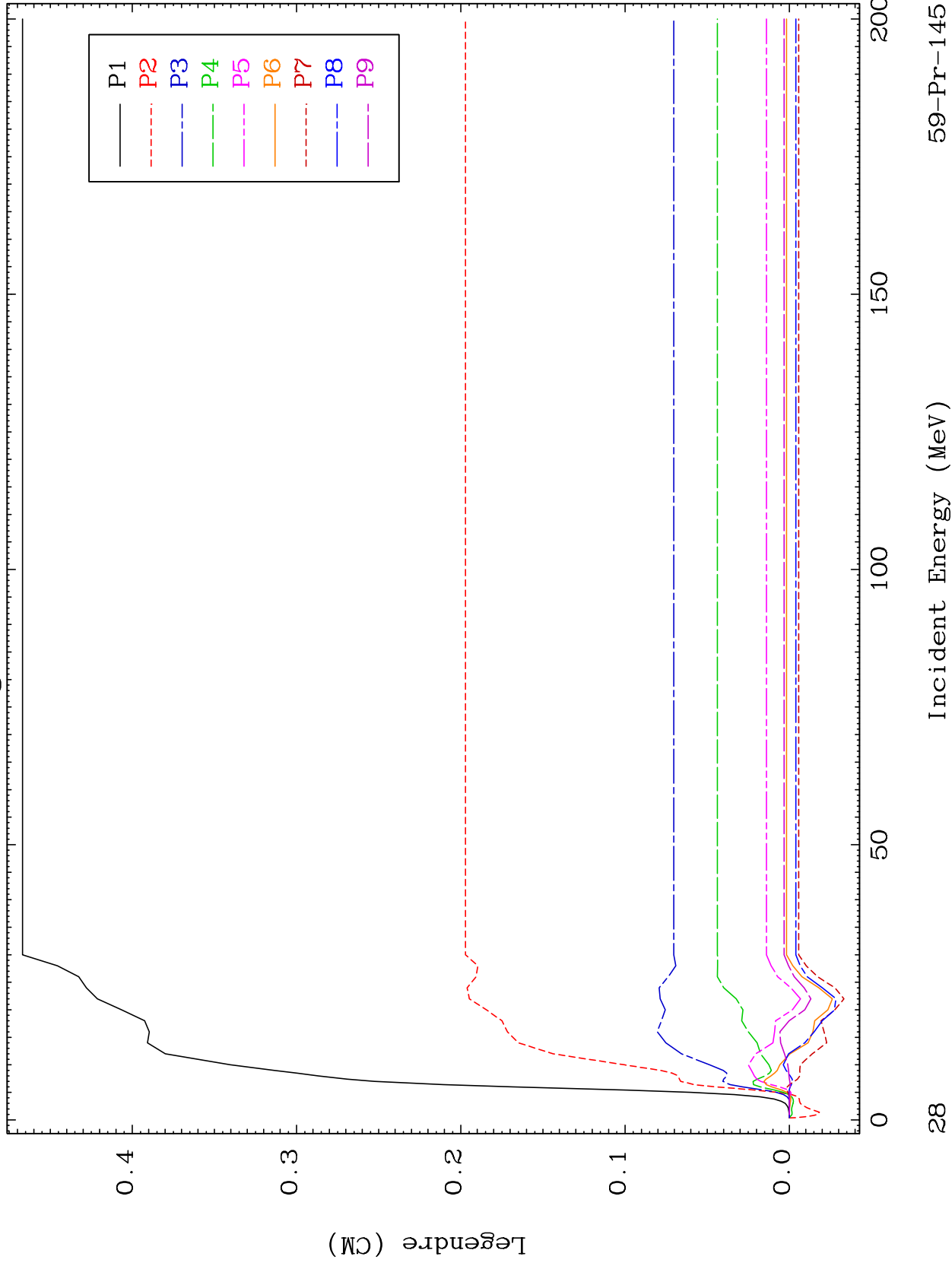
Incident Energy (MeV)

59-Pr-145

MAT 5937

347.2 keV (n,n') Level
Legendre Coefficients

59-Pr-145



28

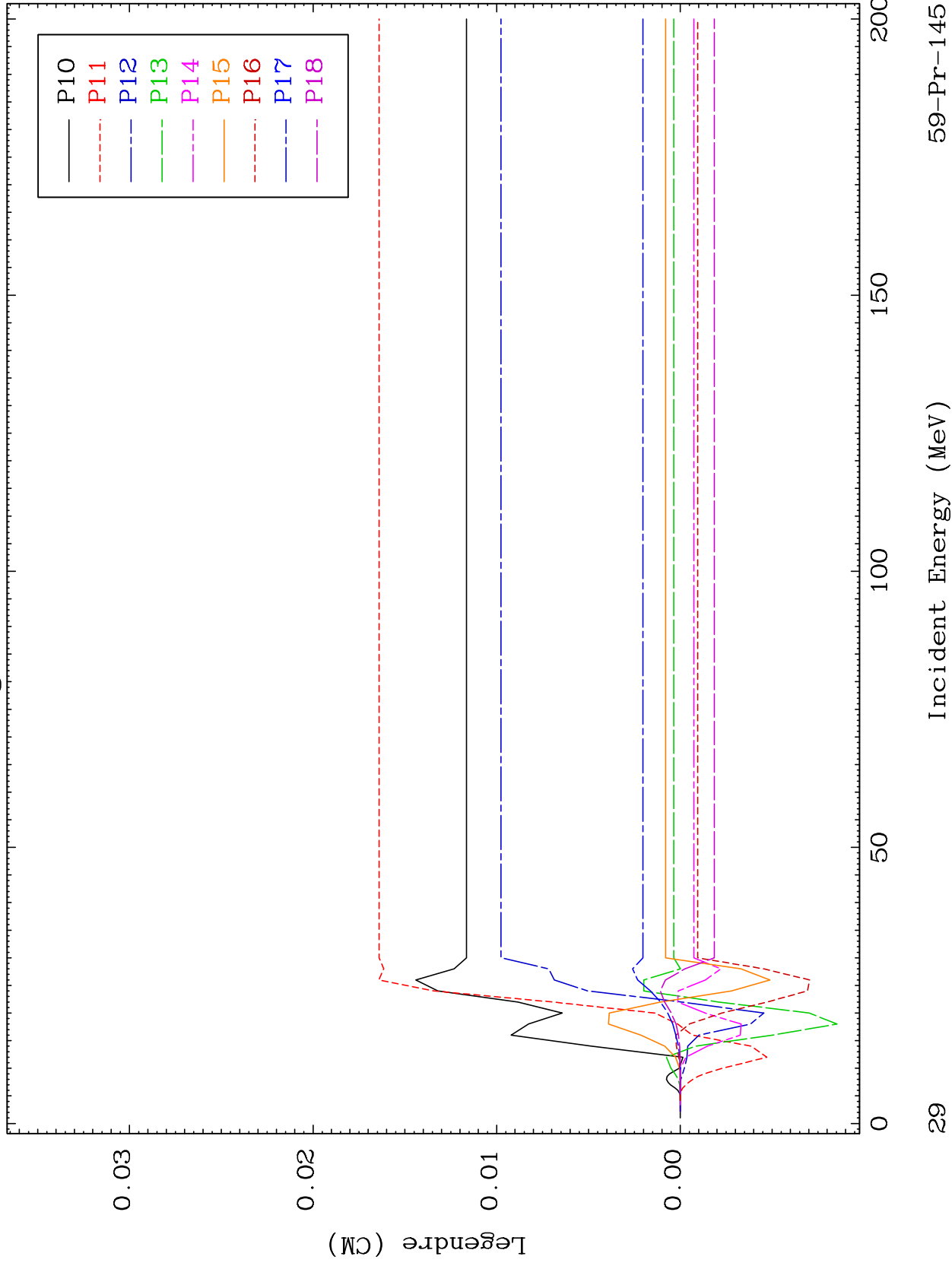
Incident Energy (MeV)

59-Pr-145

MAT 5937

347.2 keV (n,n') Level
Legendre Coefficients

59-Pr-145



29

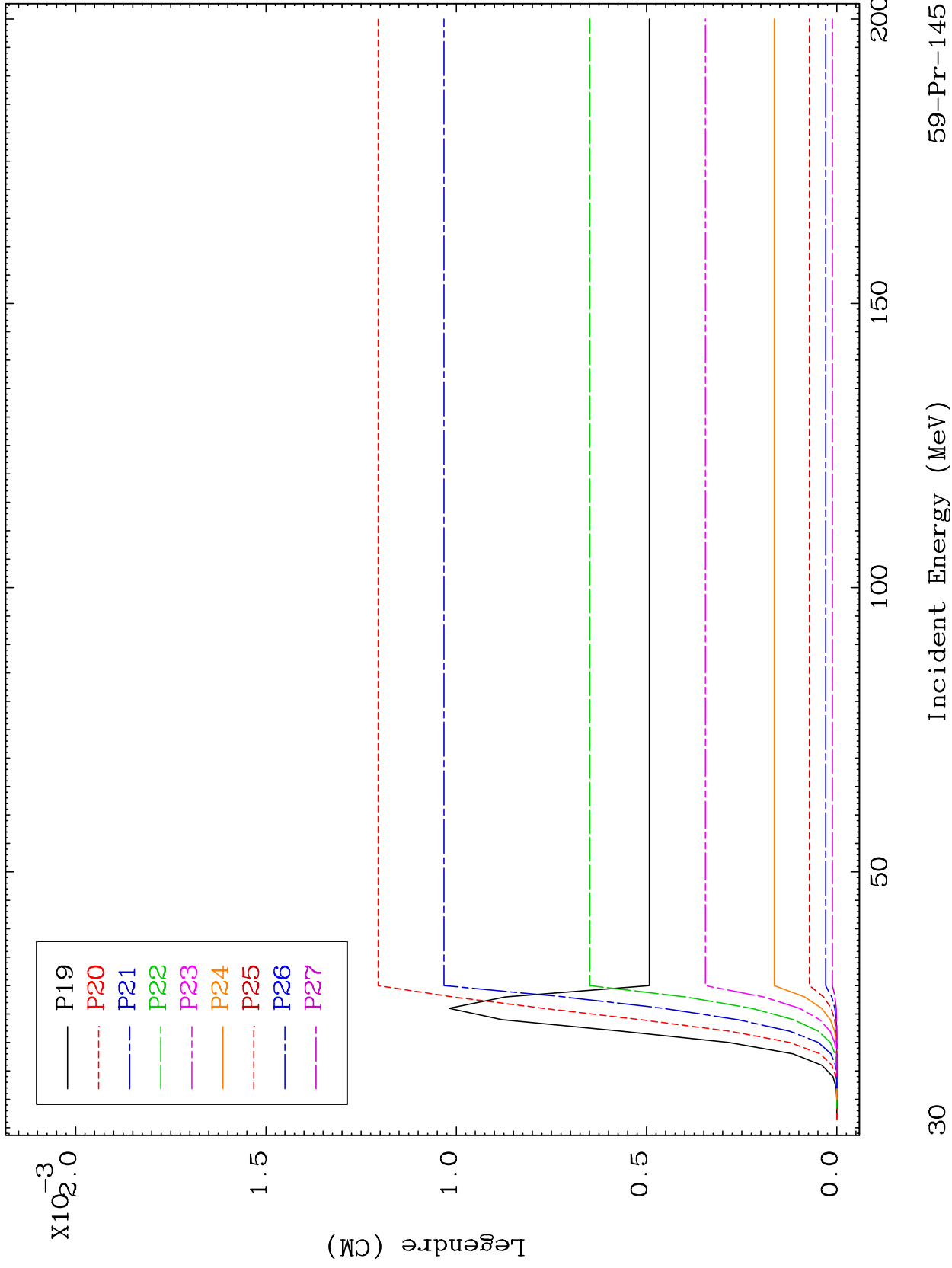
Incident Energy (MeV)

59-Pr-145

MAT 5937

347.2 keV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

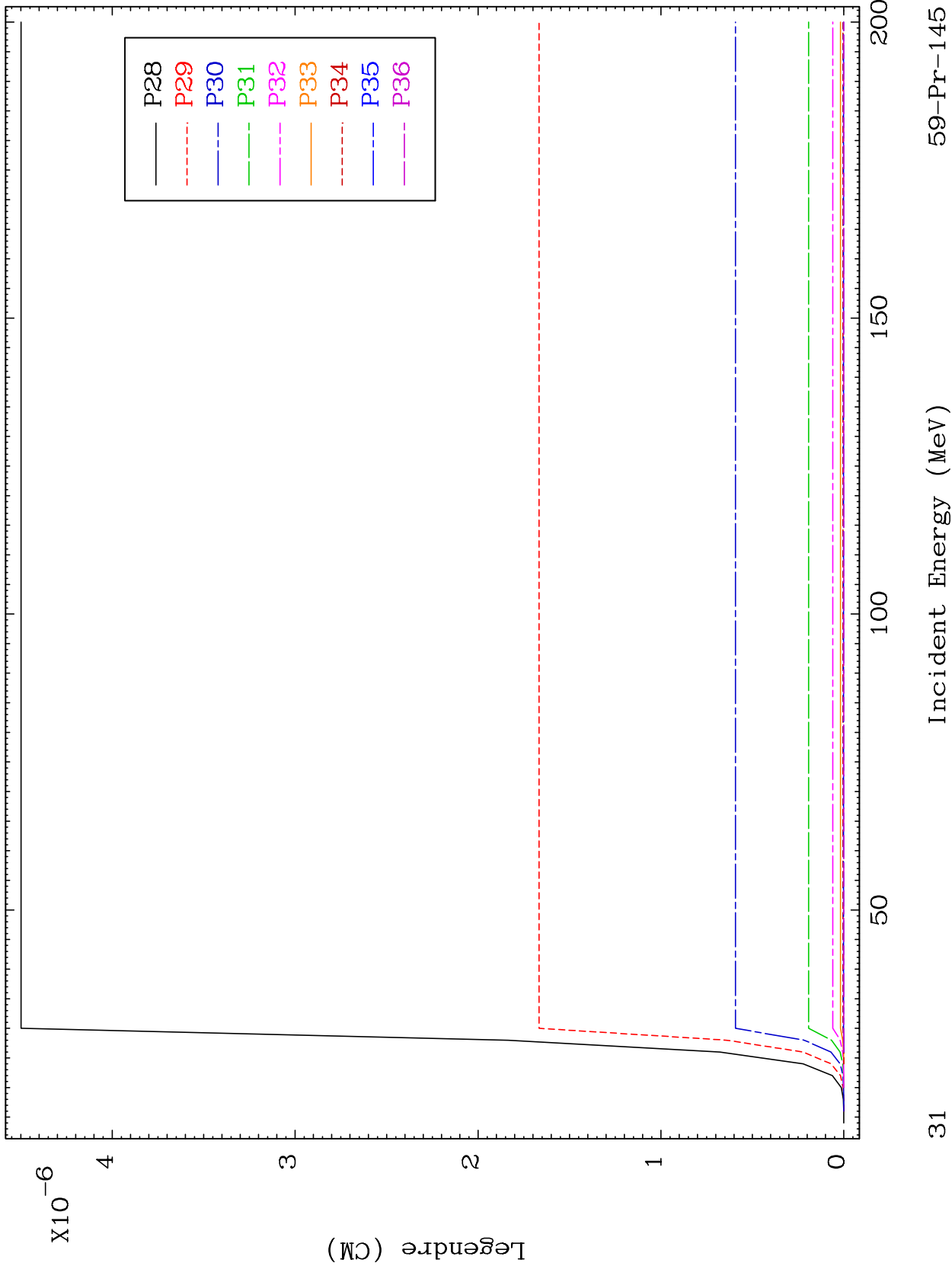
Incident Energy (MeV)

30

MAT 5937

347.2 keV (n,n') Level
Legendre Coefficients

59-Pr-145



31

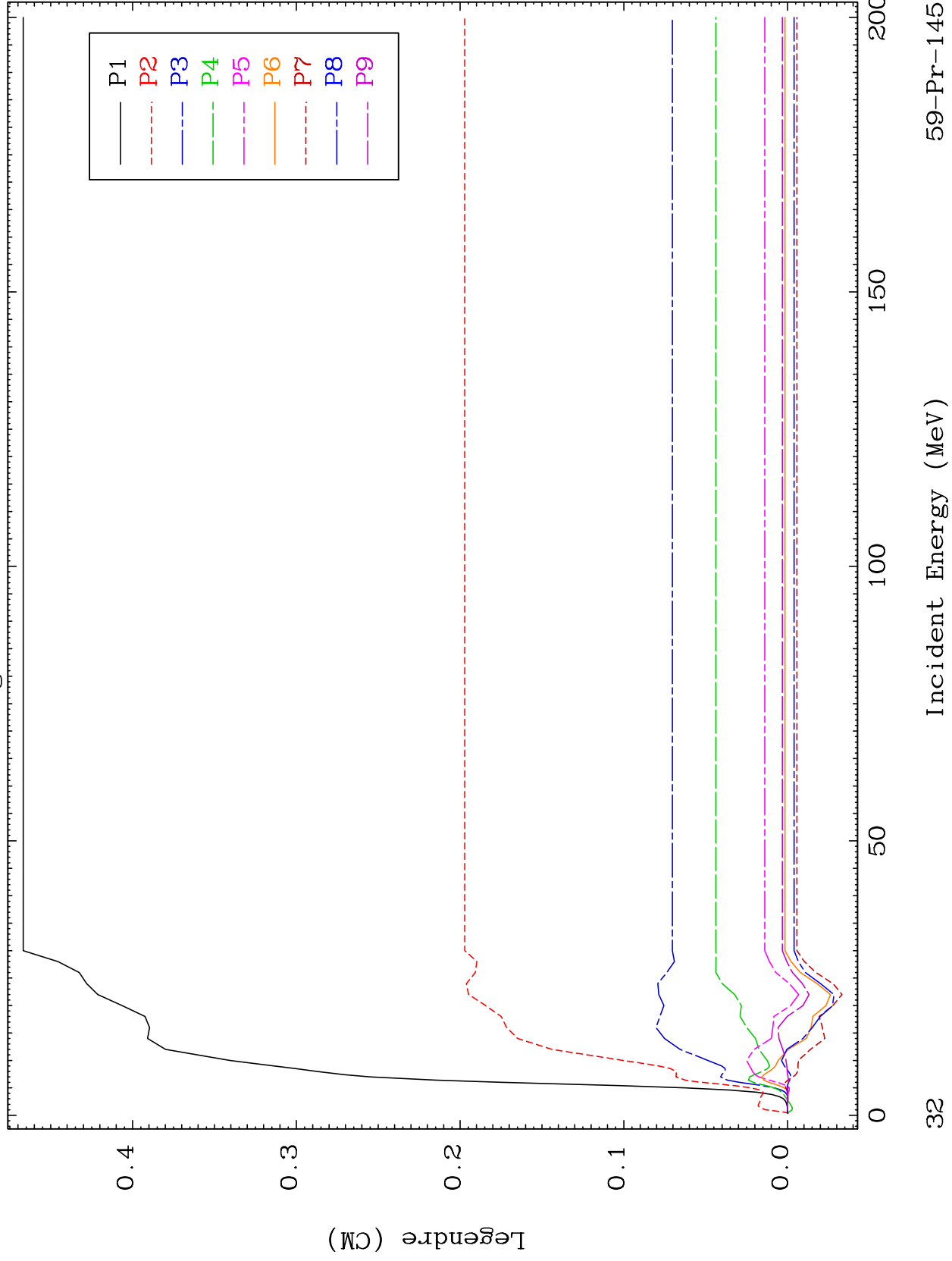
Incident Energy (MeV)

59-Pr-145

MAT 5937

350.9 keV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

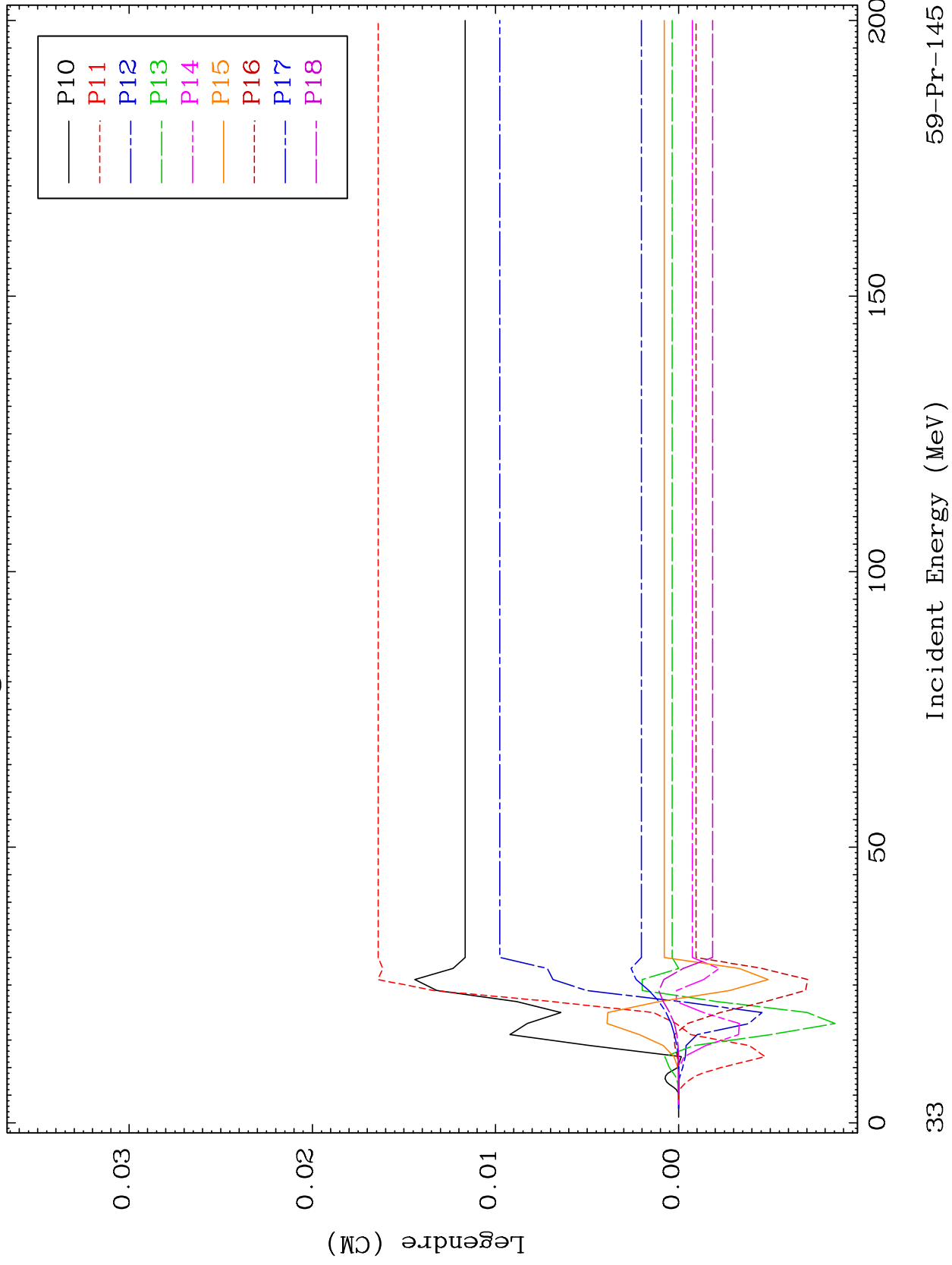
Incident Energy (MeV)

32

MAT 5937

350.9 keV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

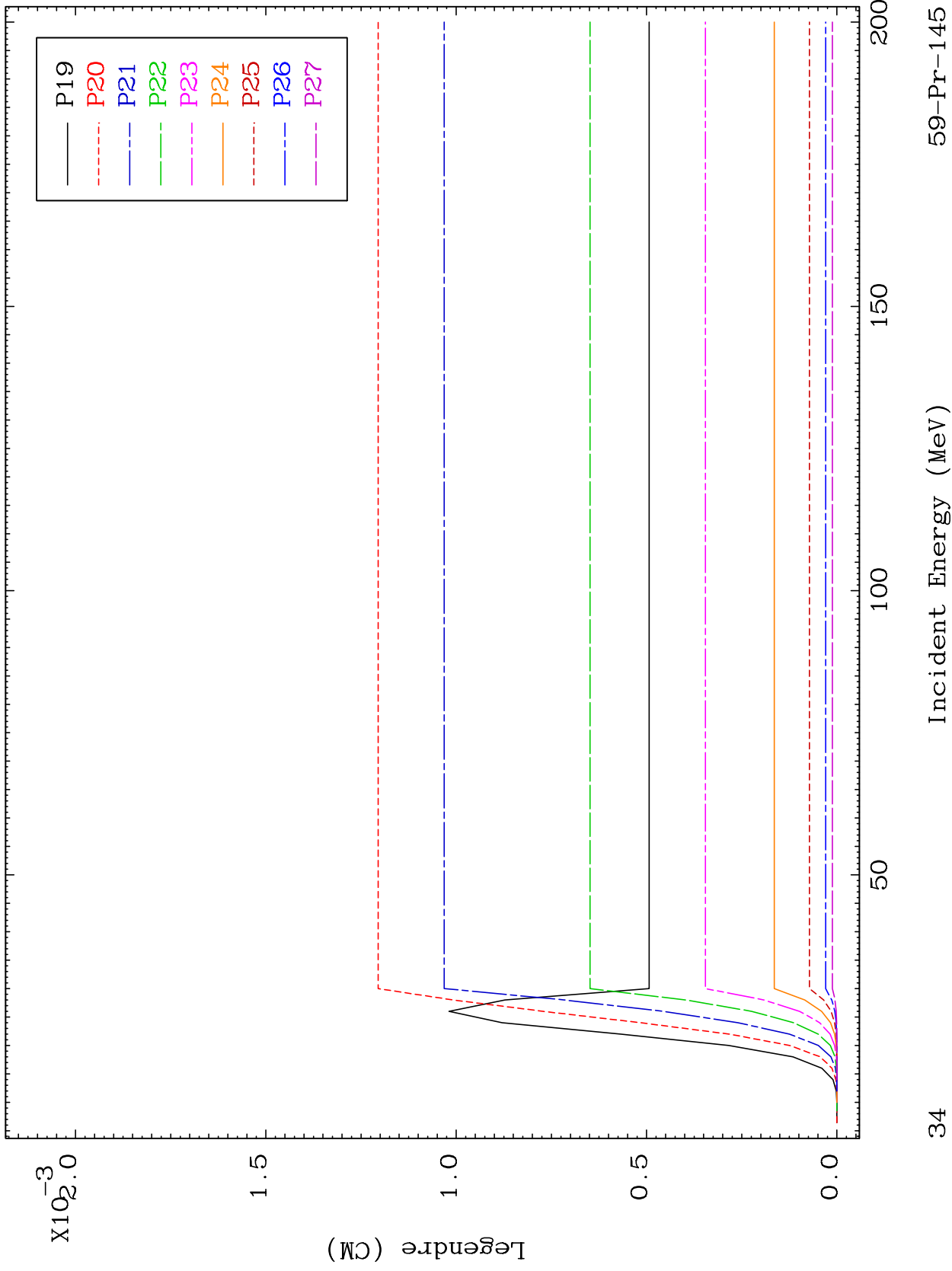
Incident Energy (MeV)

33

MAT 5937

350.9 keV (n,n') Level
Legendre Coefficients

59-Pr-145



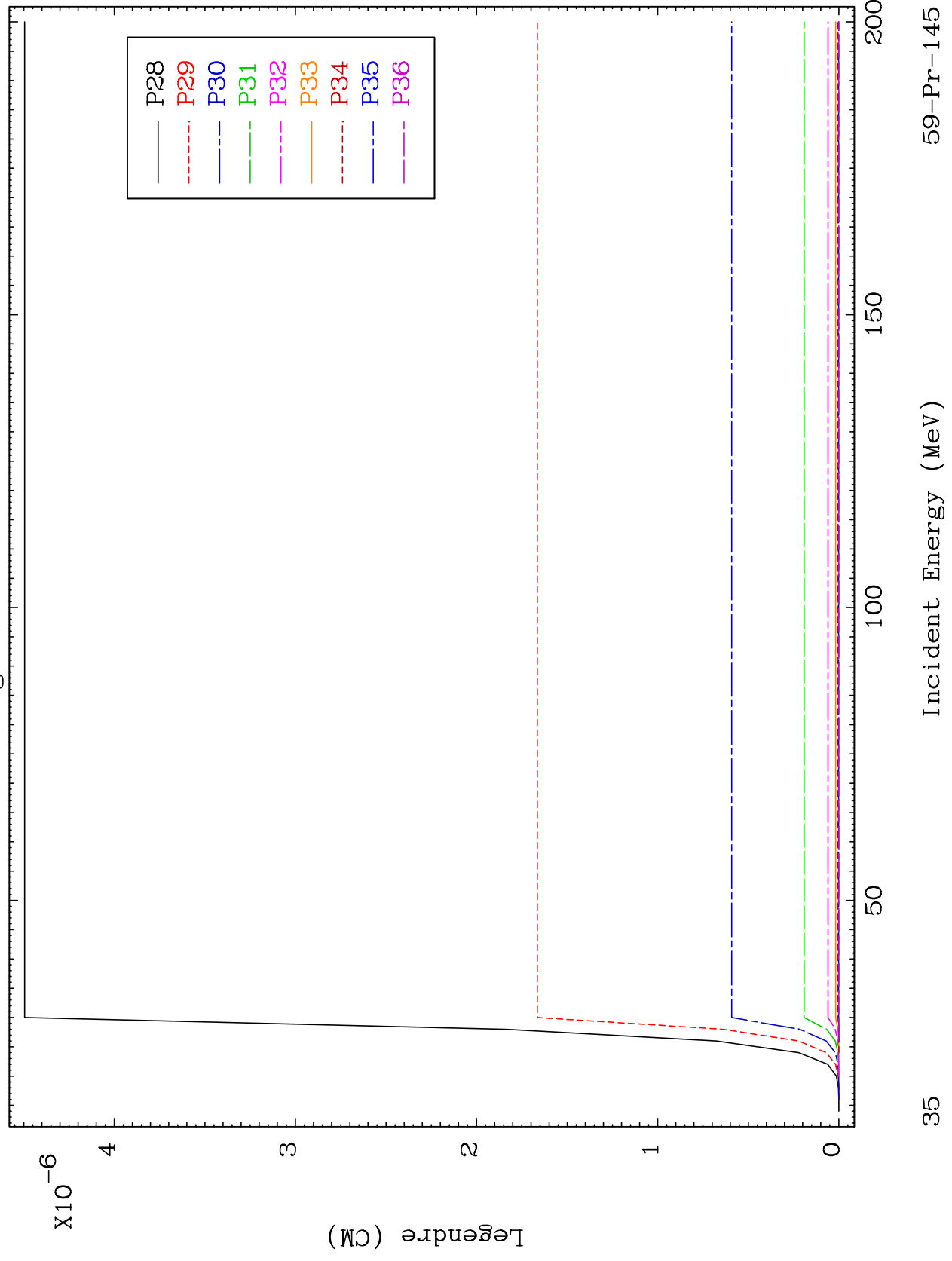
34

59-Pr-145

MAT 5937

350.9 keV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

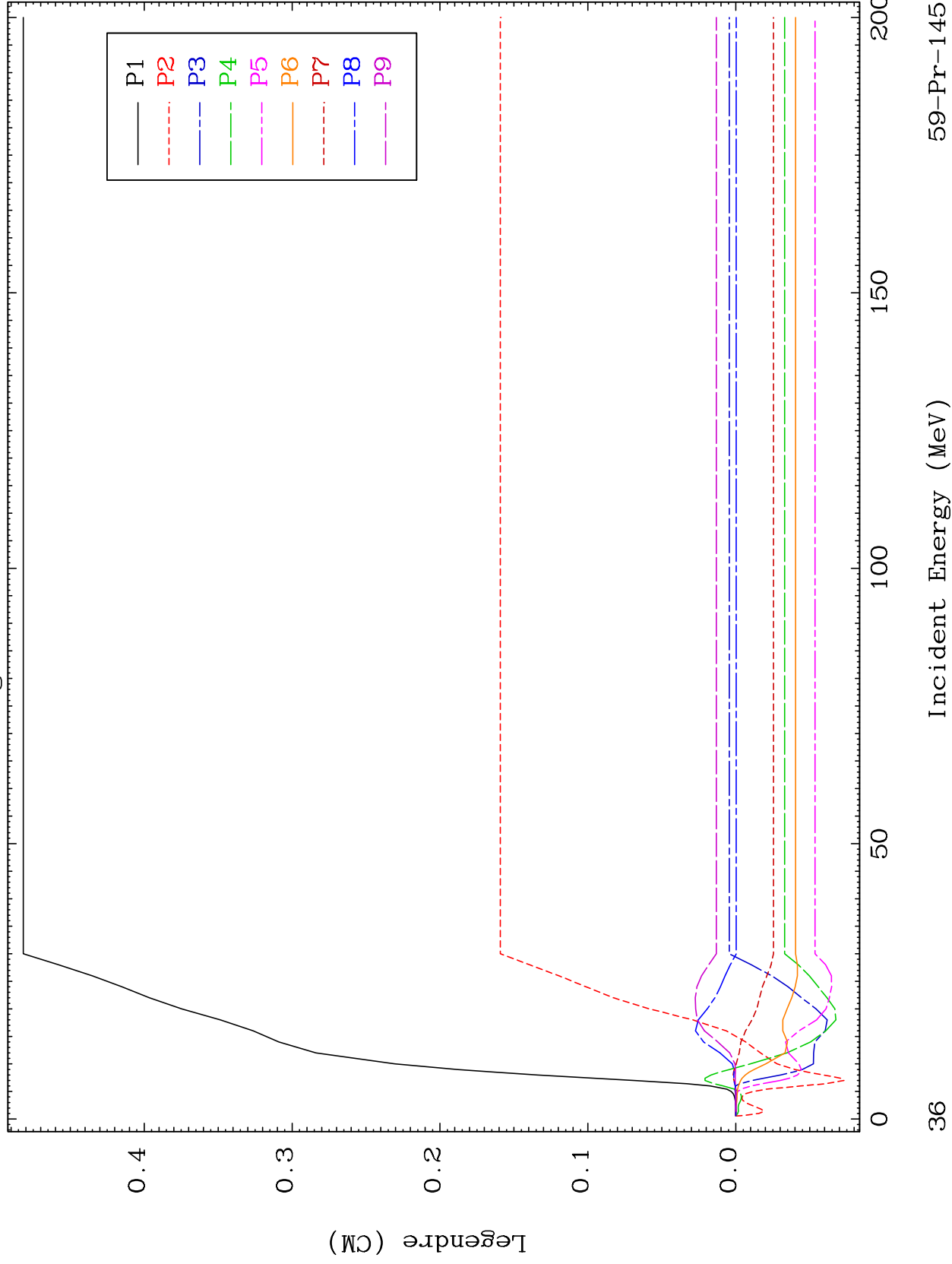
Incident Energy (MeV)

35

MAT 5937

540.1 keV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

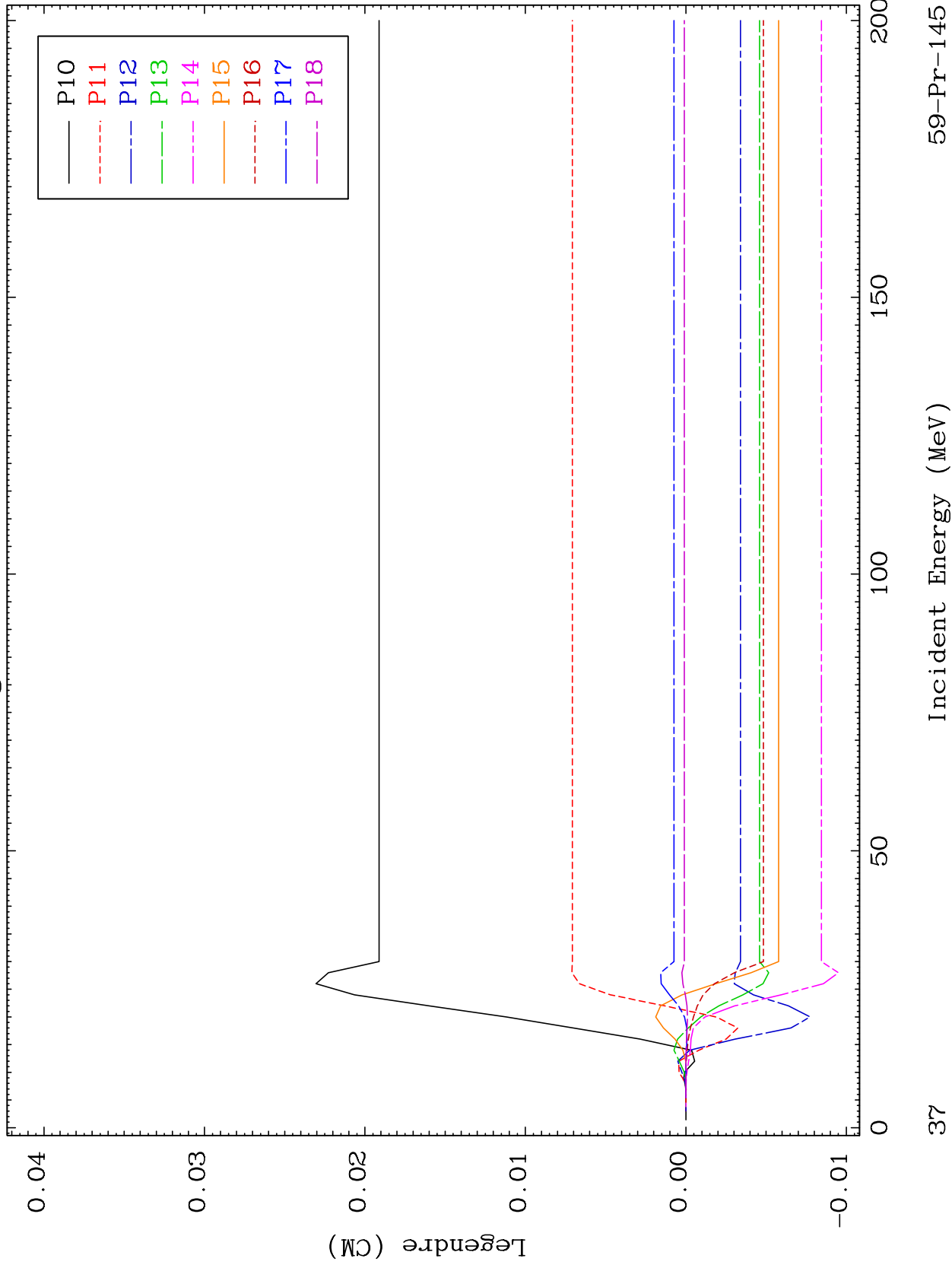
Incident Energy (MeV)

36

MAT 5937

540.1 keV (n,n') Level
Legendre Coefficients

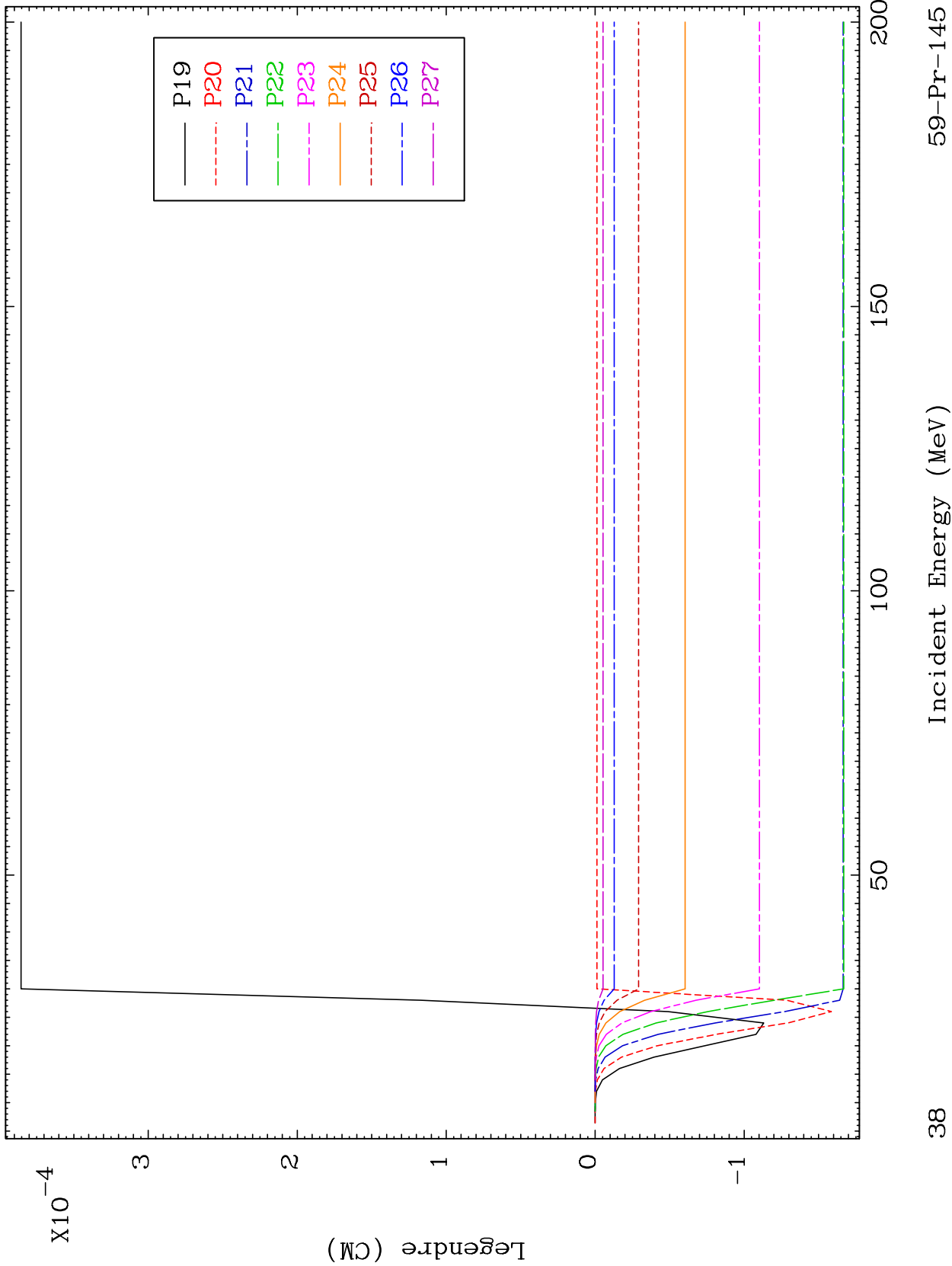
59-Pr-145

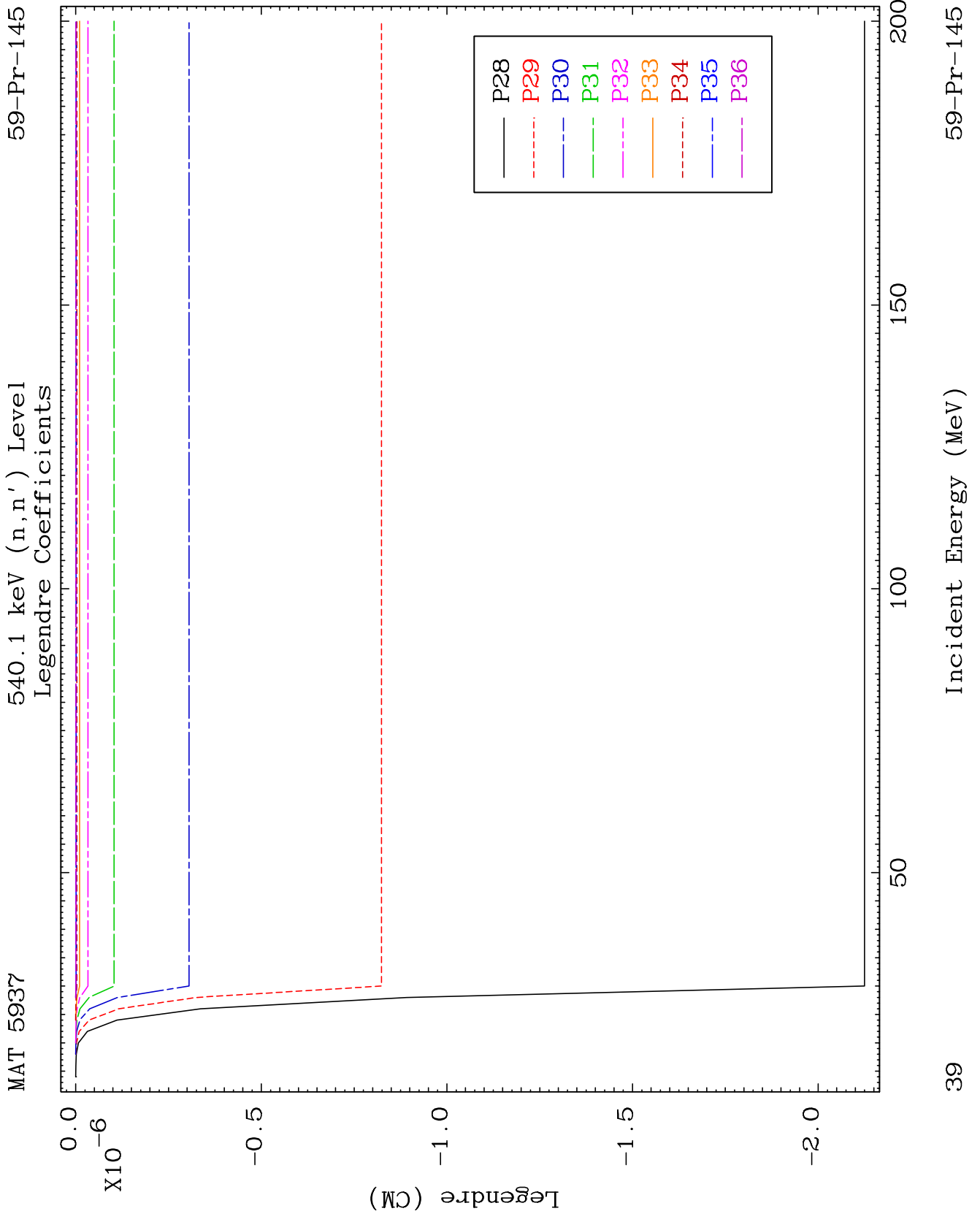


37

Incident Energy (MeV)

59-Pr-145

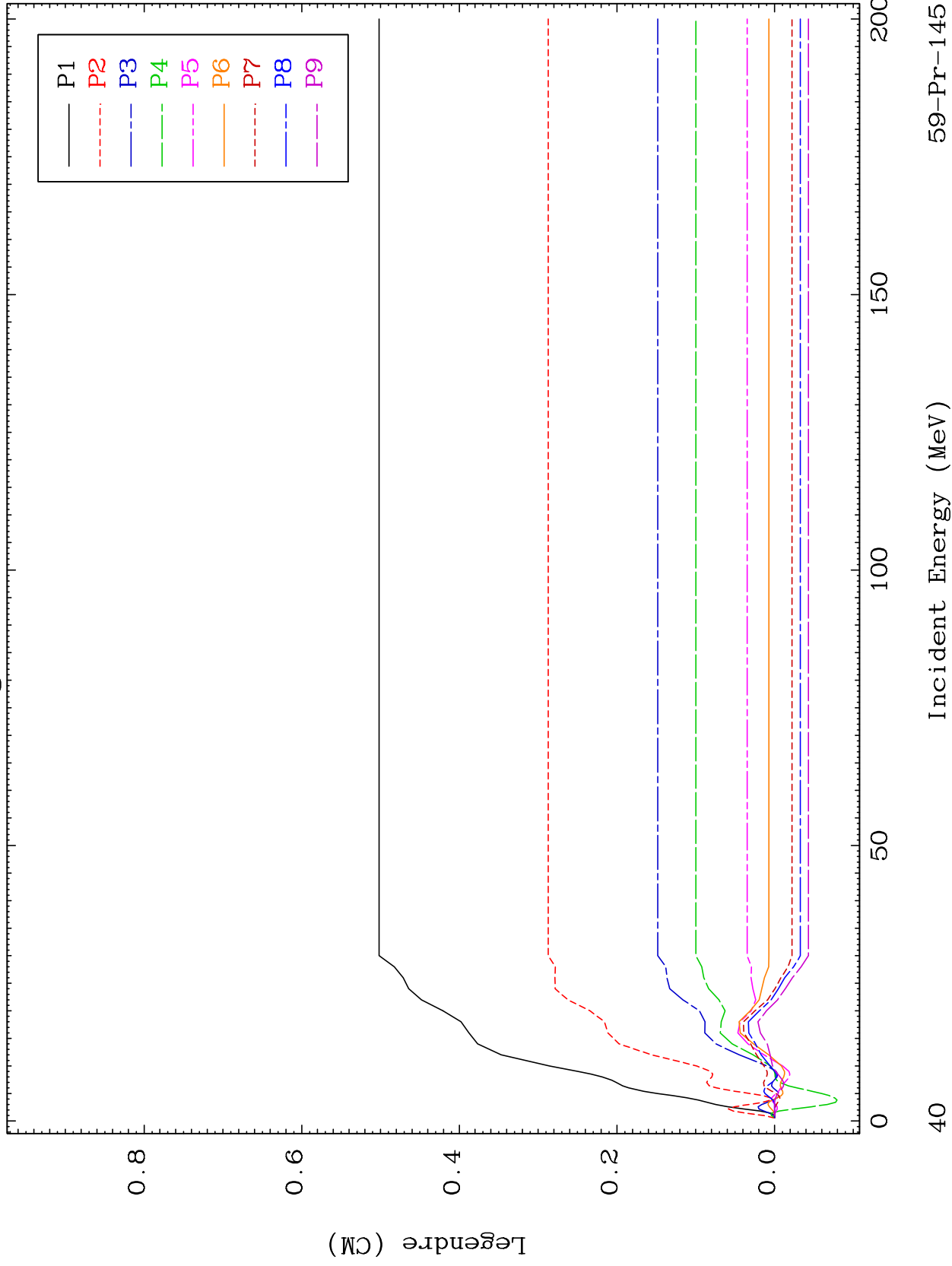




MAT 5937

550.0 keV (n,n') Level
Legendre Coefficients

59-Pr-145

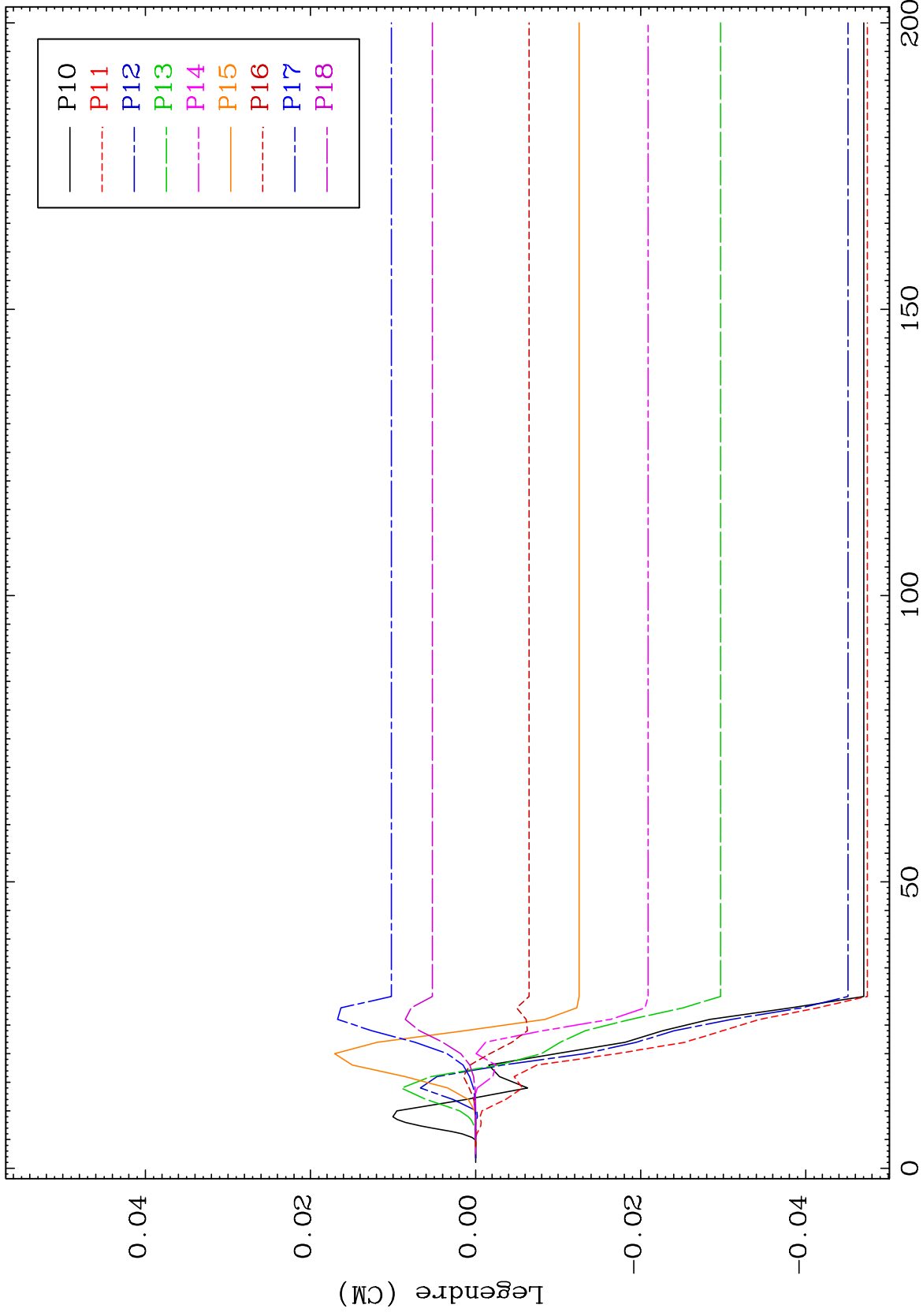


59-Pr-145

MAT 5937

550.0 keV (n,n') Level
Legendre Coefficients

59-Pr-145



41

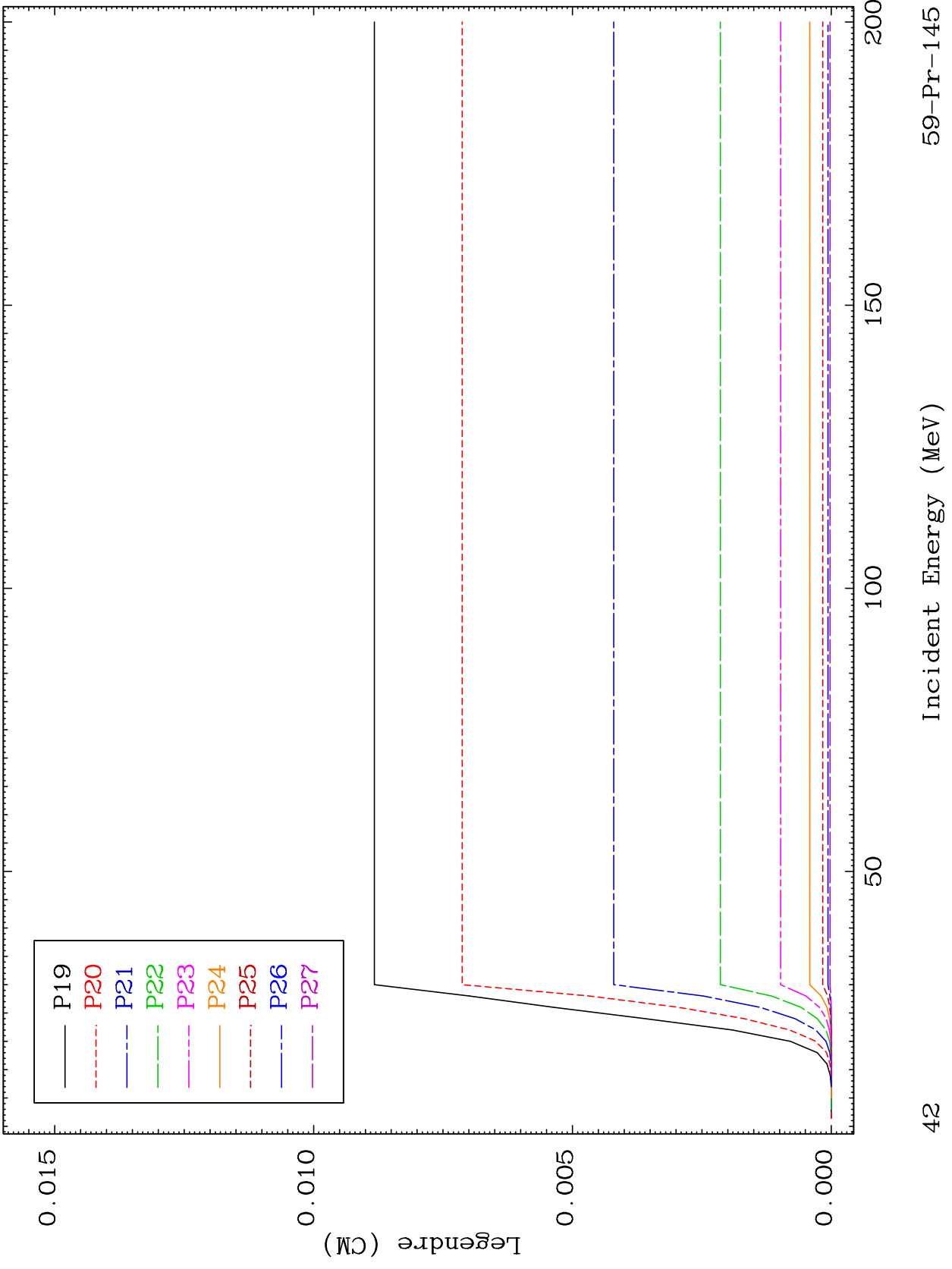
Incident Energy (MeV)

59-Pr-145

MAT 5937

550.0 keV (n,n') Level
Legendre Coefficients

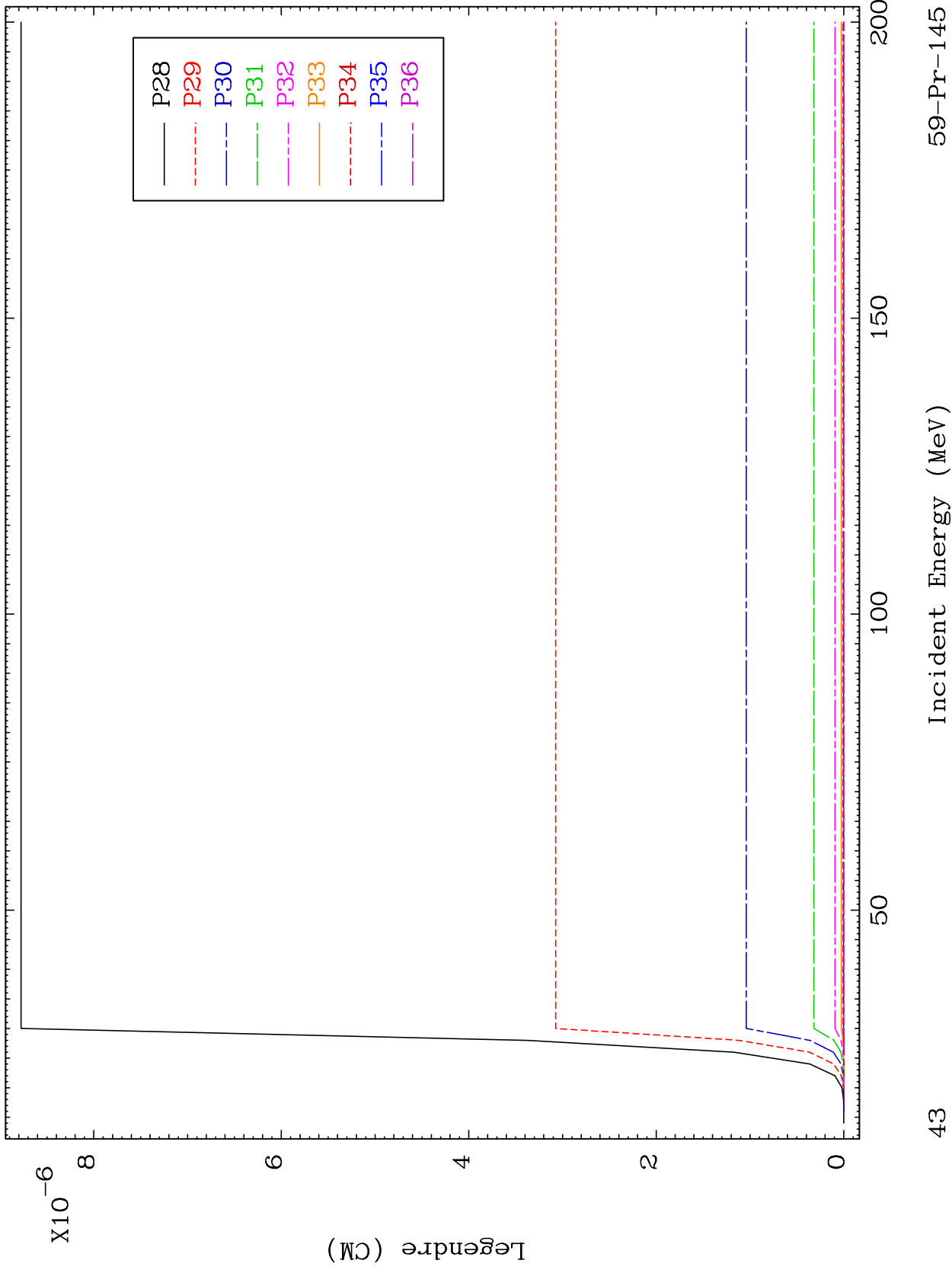
59-Pr-145



MAT 5937

550.0 keV (n,n') Level
Legendre Coefficients

59-Pr-145



43

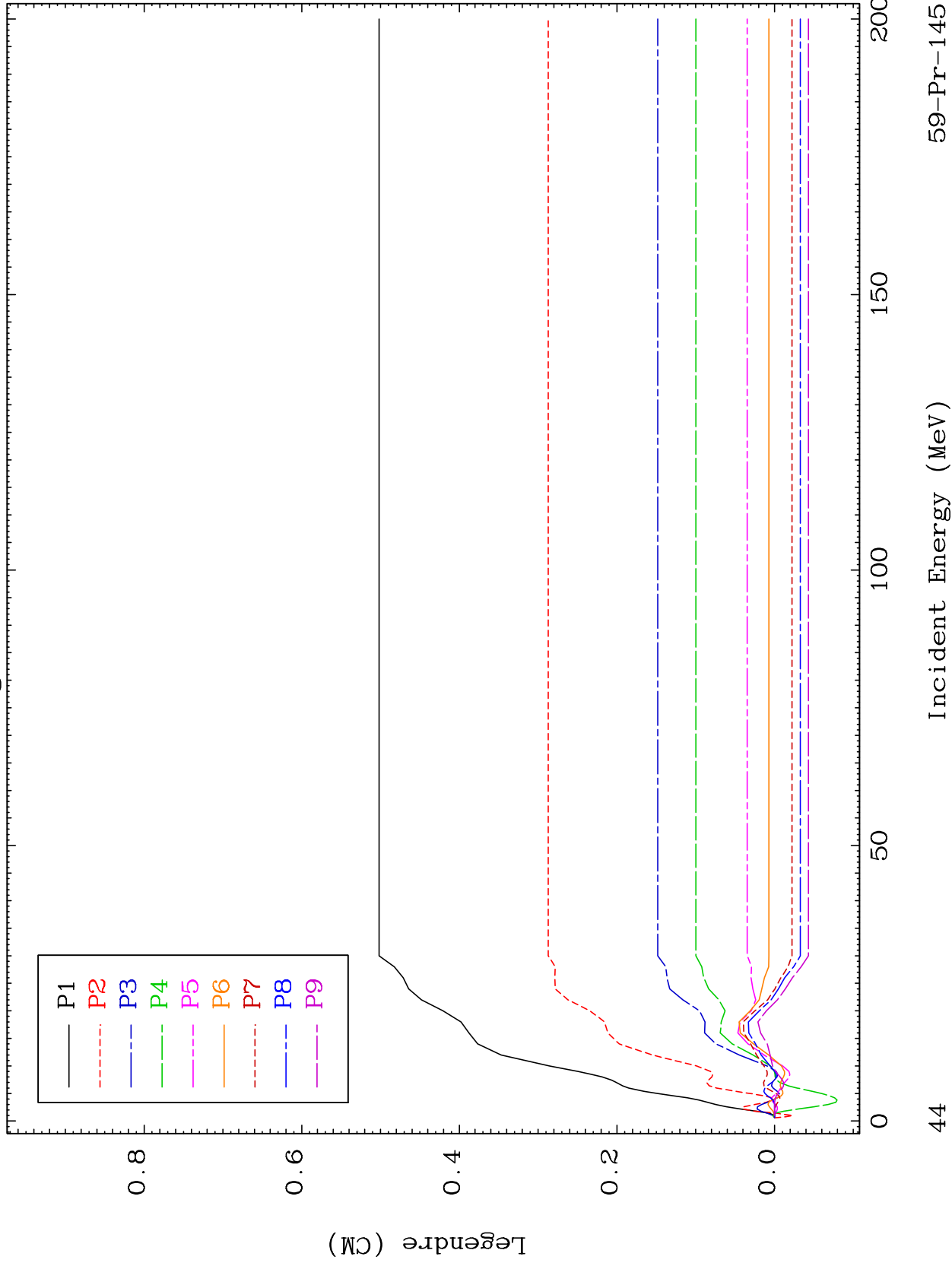
Incident Energy (MeV)

59-Pr-145

MAT 5937

554.8 keV (n,n') Level
Legendre Coefficients

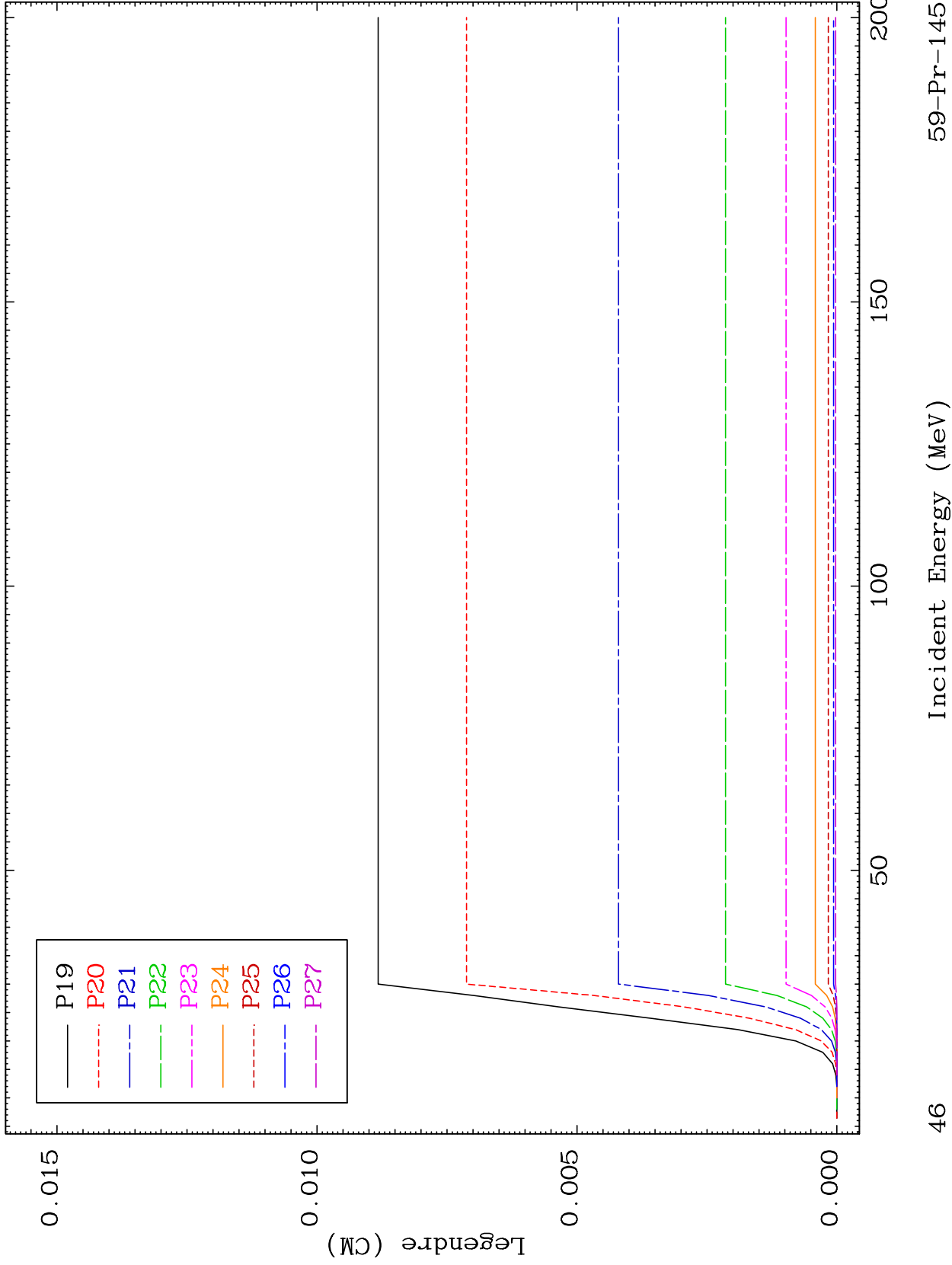
59-Pr-145



59-Pr-145

Incident Energy (MeV)

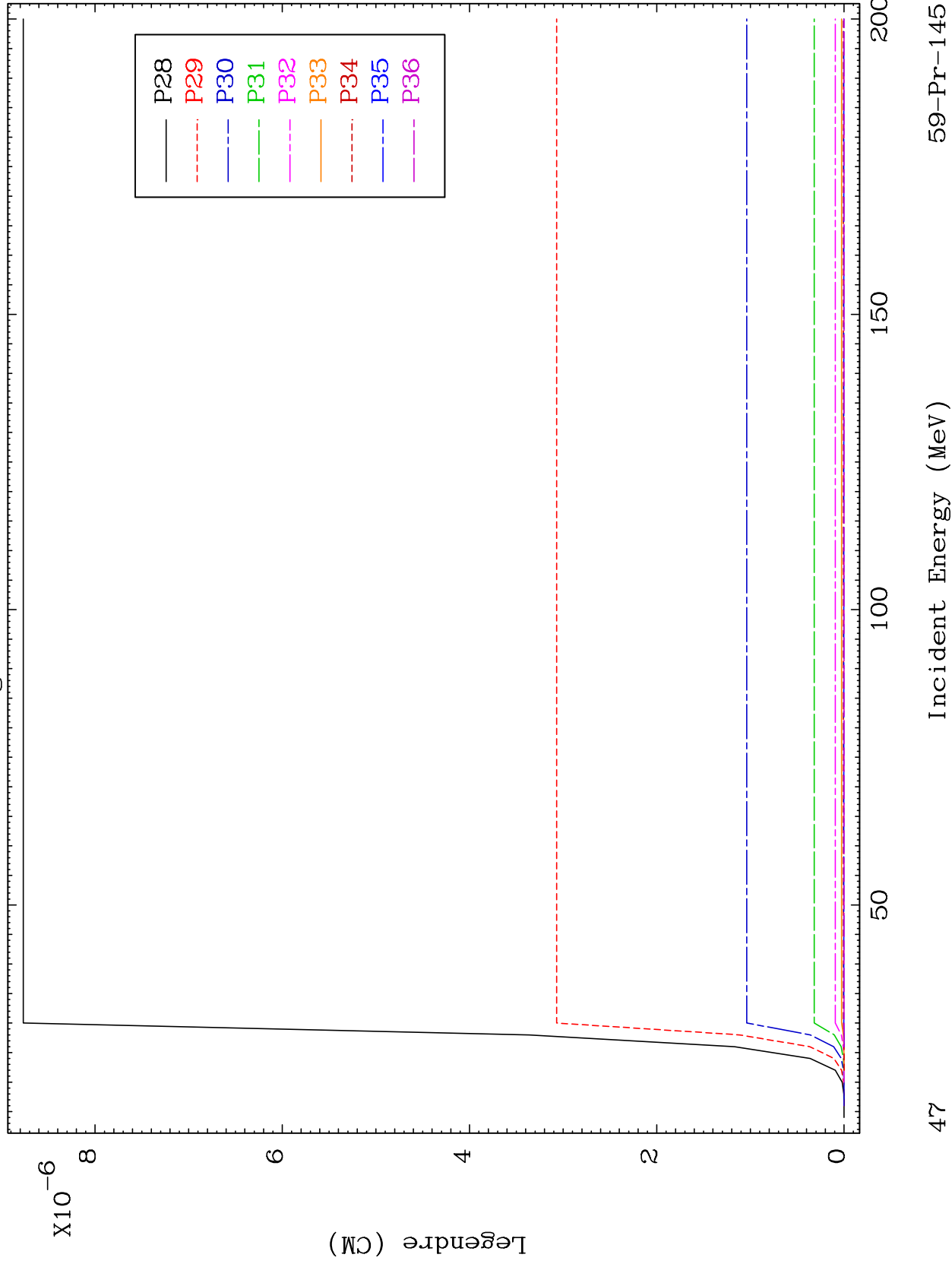
44



MAT 5937

554.8 keV (n,n') Level
Legendre Coefficients

59-Pr-145



47

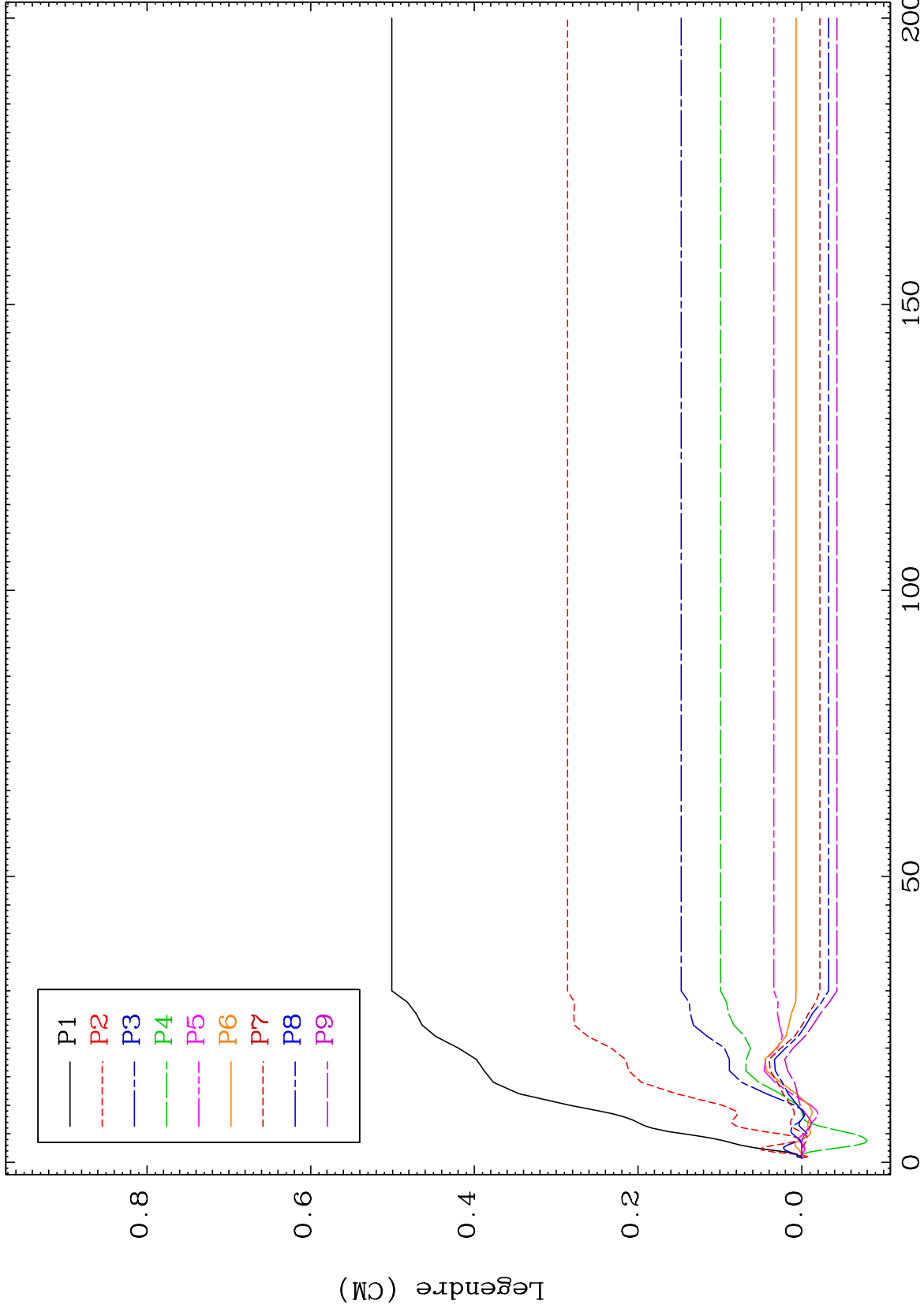
Incident Energy (MeV)

59-Pr-145

MAT 5937

697.2 keV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

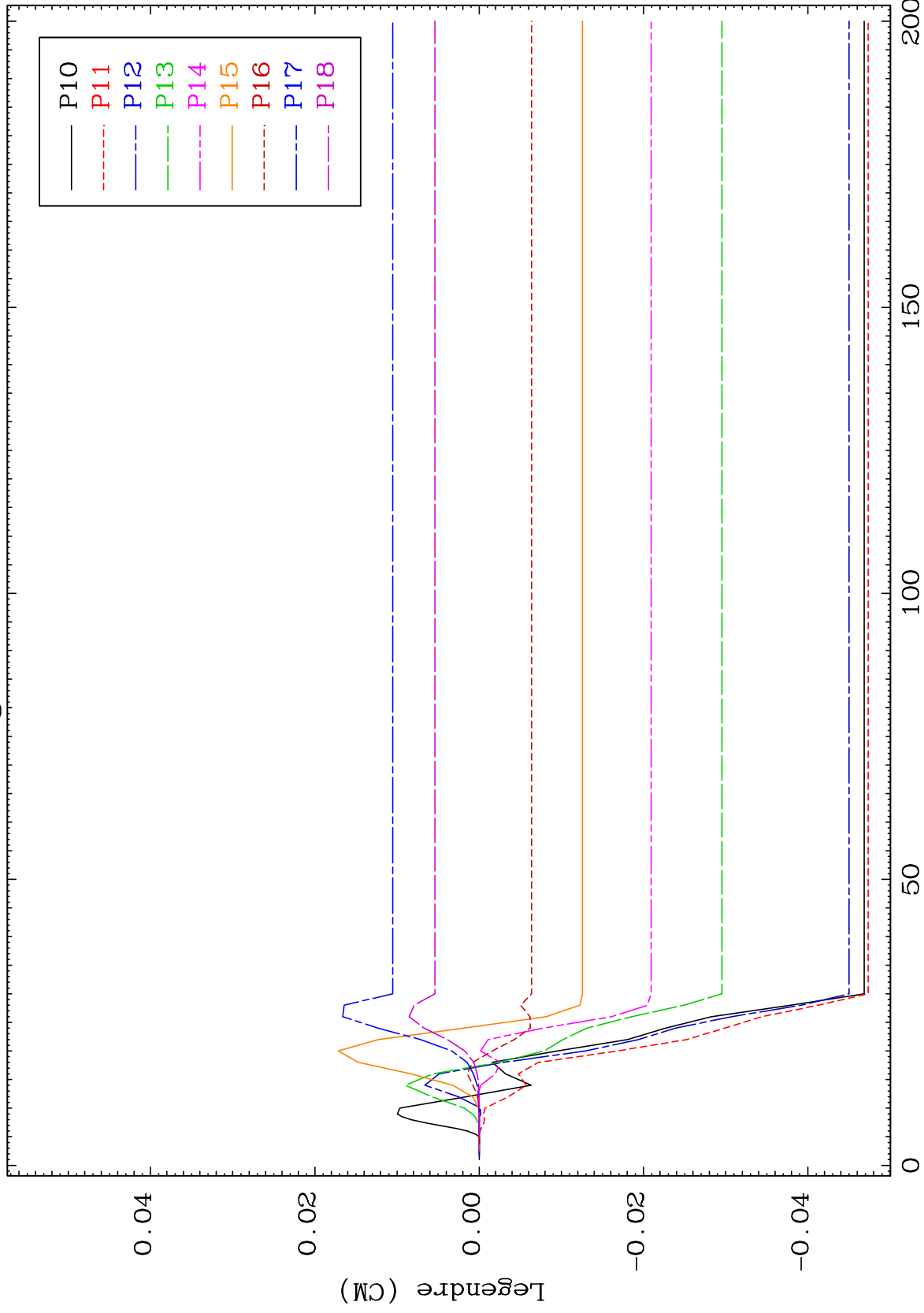
Incident Energy (MeV)

48

MAT 5937

697.2 keV (n,n') Level
Legendre Coefficients

59-Pr-145



49

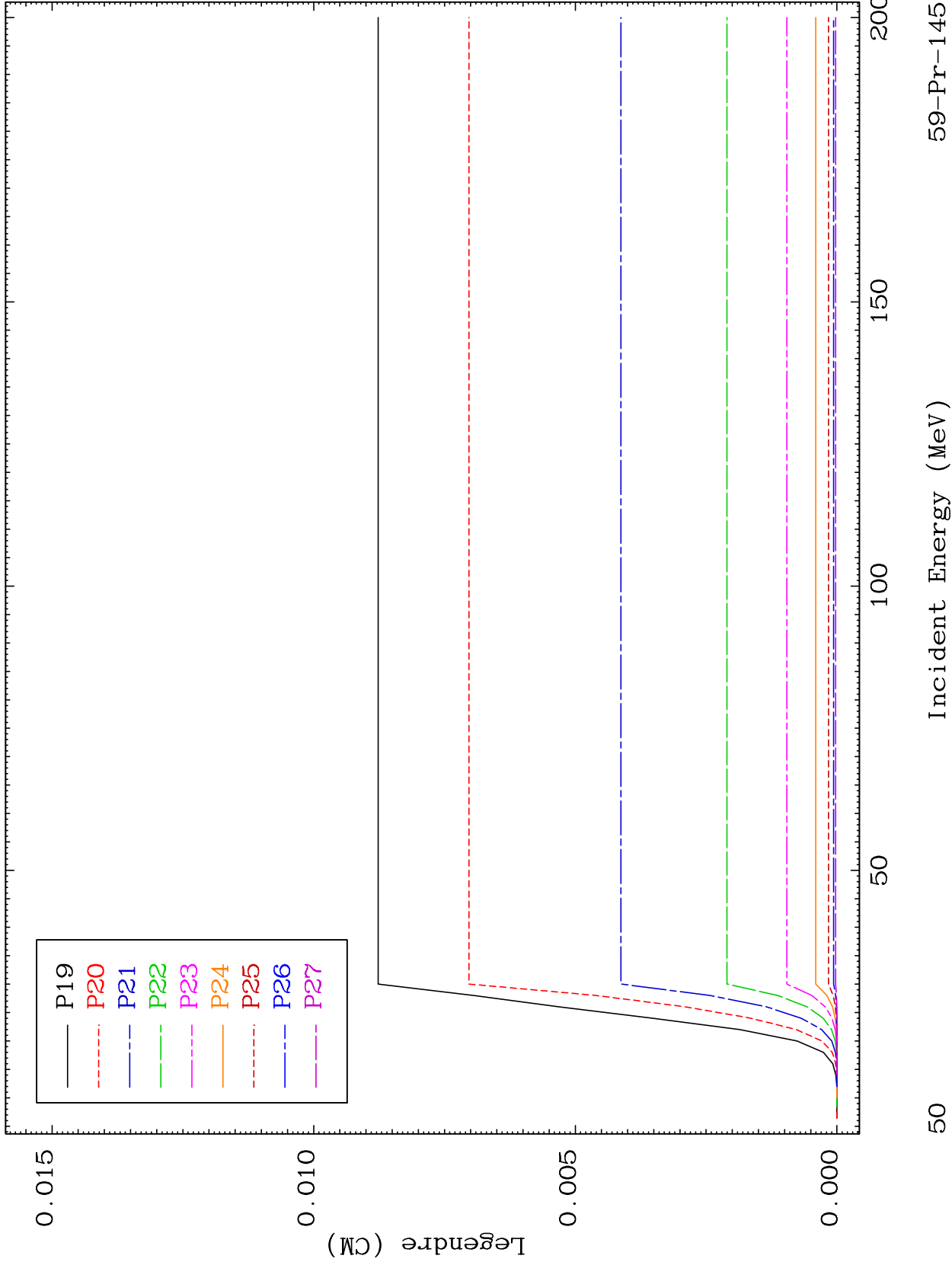
Incident Energy (MeV)

59-Pr-145

MAT 5937

697.2 keV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

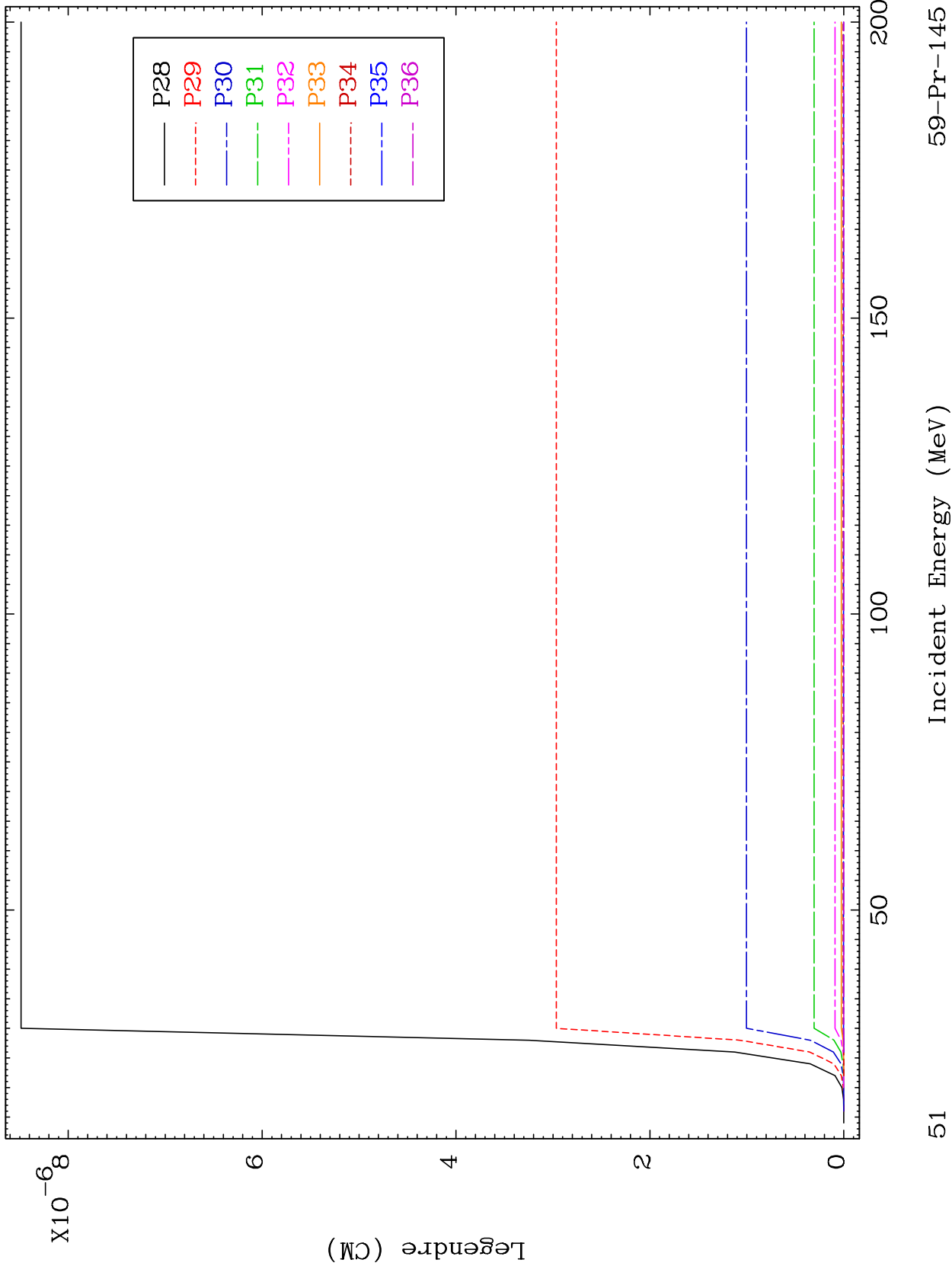
Incident Energy (MeV)

50

MAT 5937

697.2 keV (n,n') Level
Legendre Coefficients

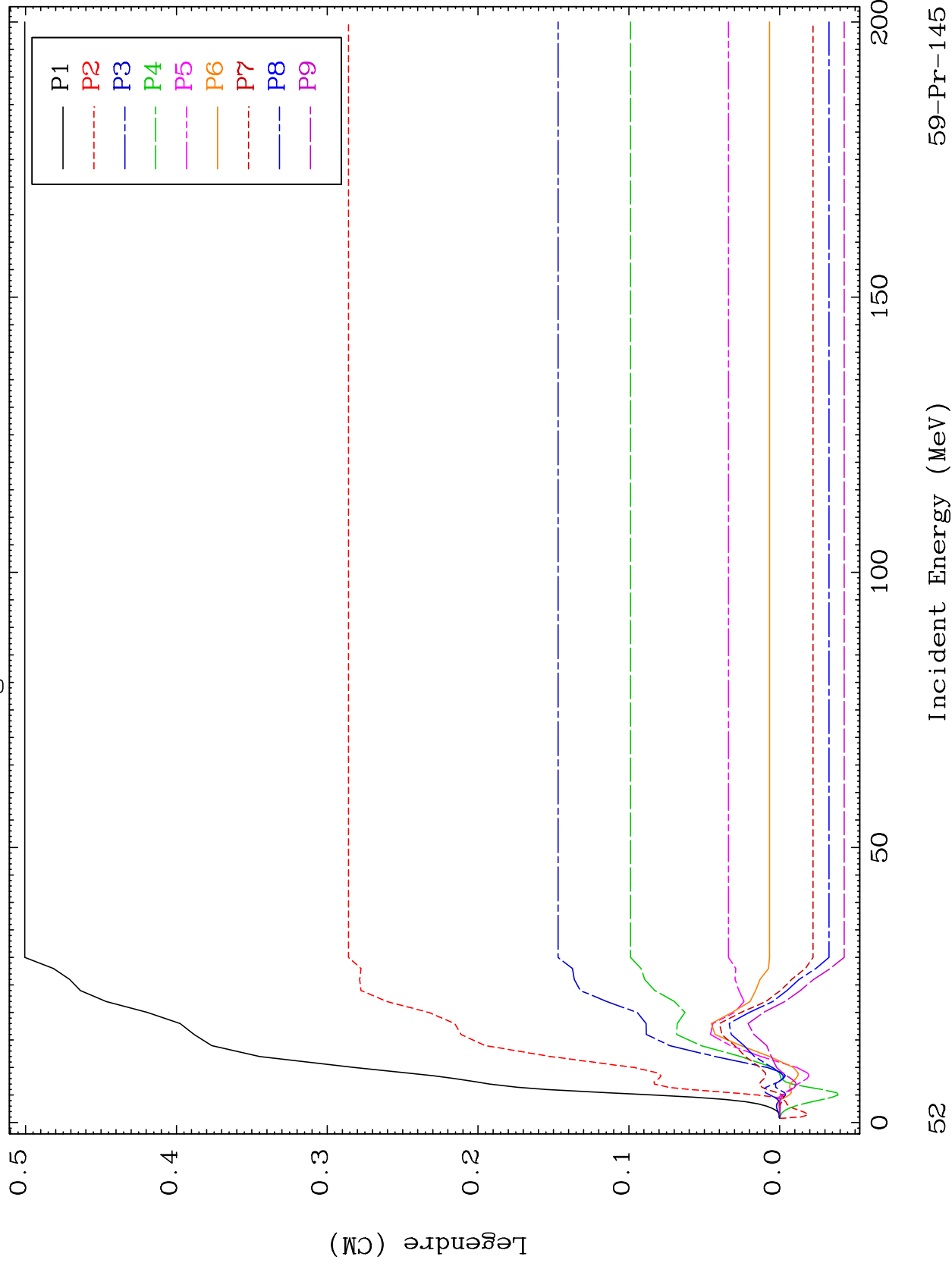
59-Pr-145



MAT 5937

766.3 keV (n,n') Level
Legendre Coefficients

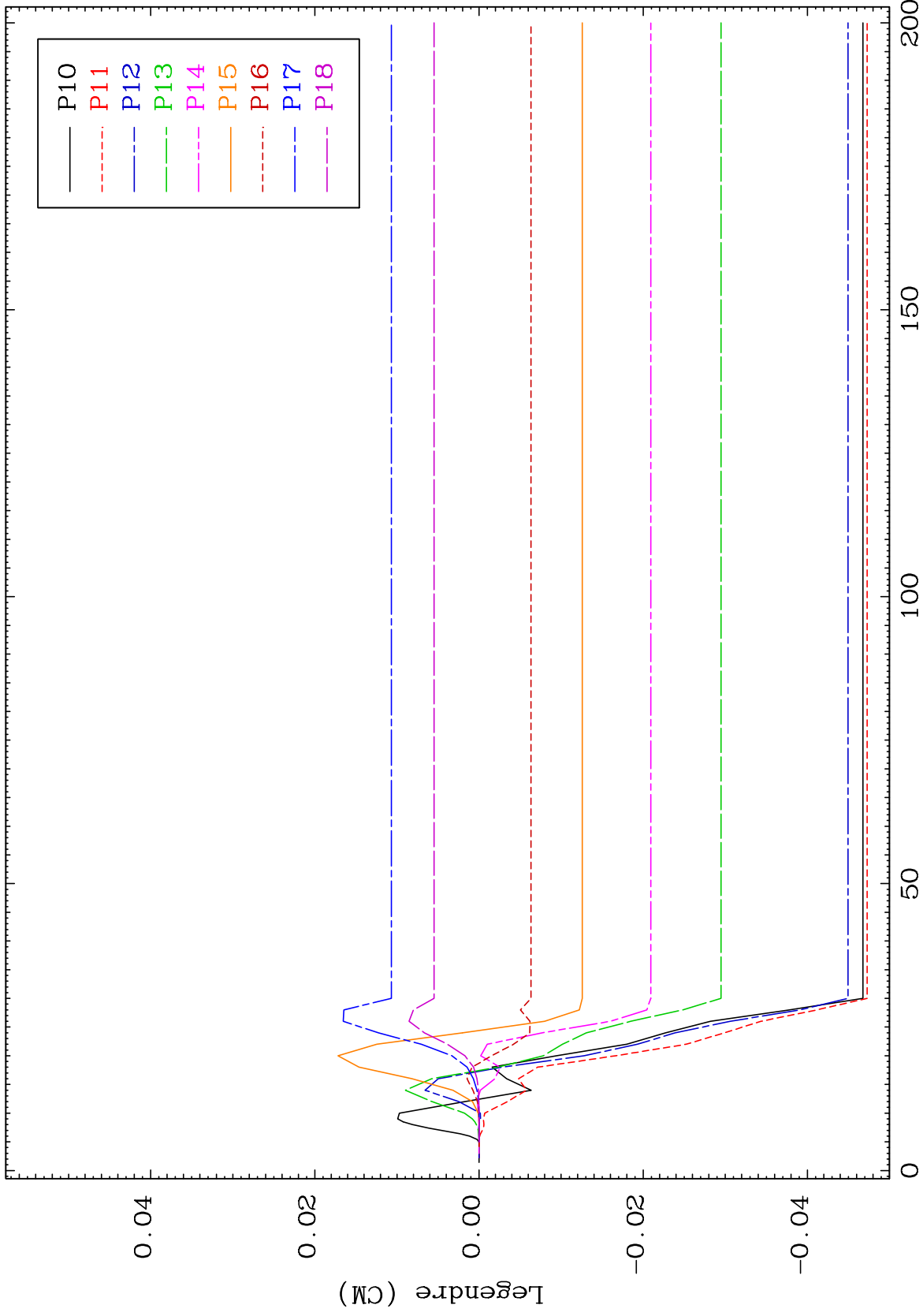
59-Pr-145



59-Pr-145

Incident Energy (MeV)

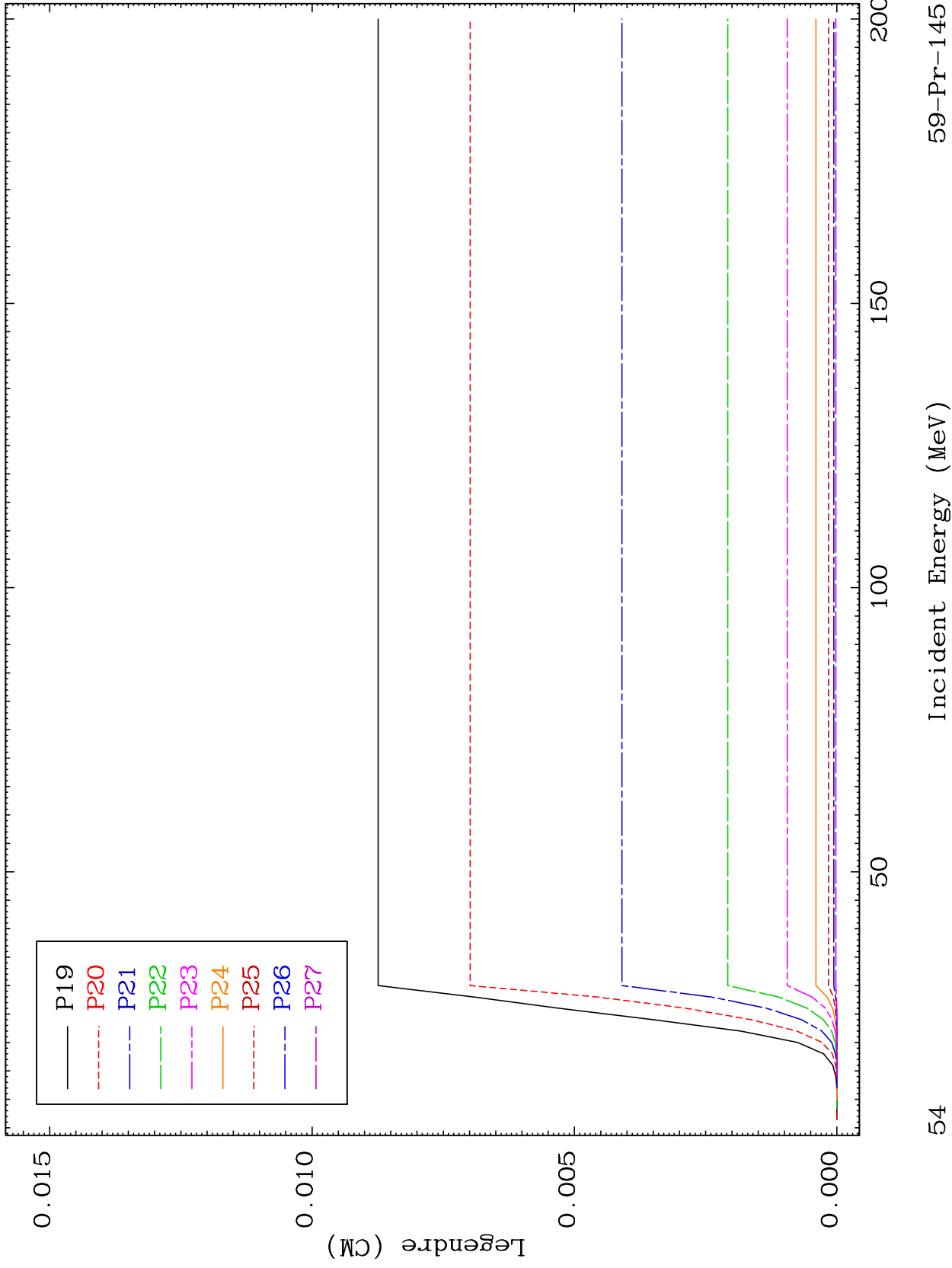
52



MAT 5937

766.3 keV (n,n') Level
Legendre Coefficients

59-Pr-145



54

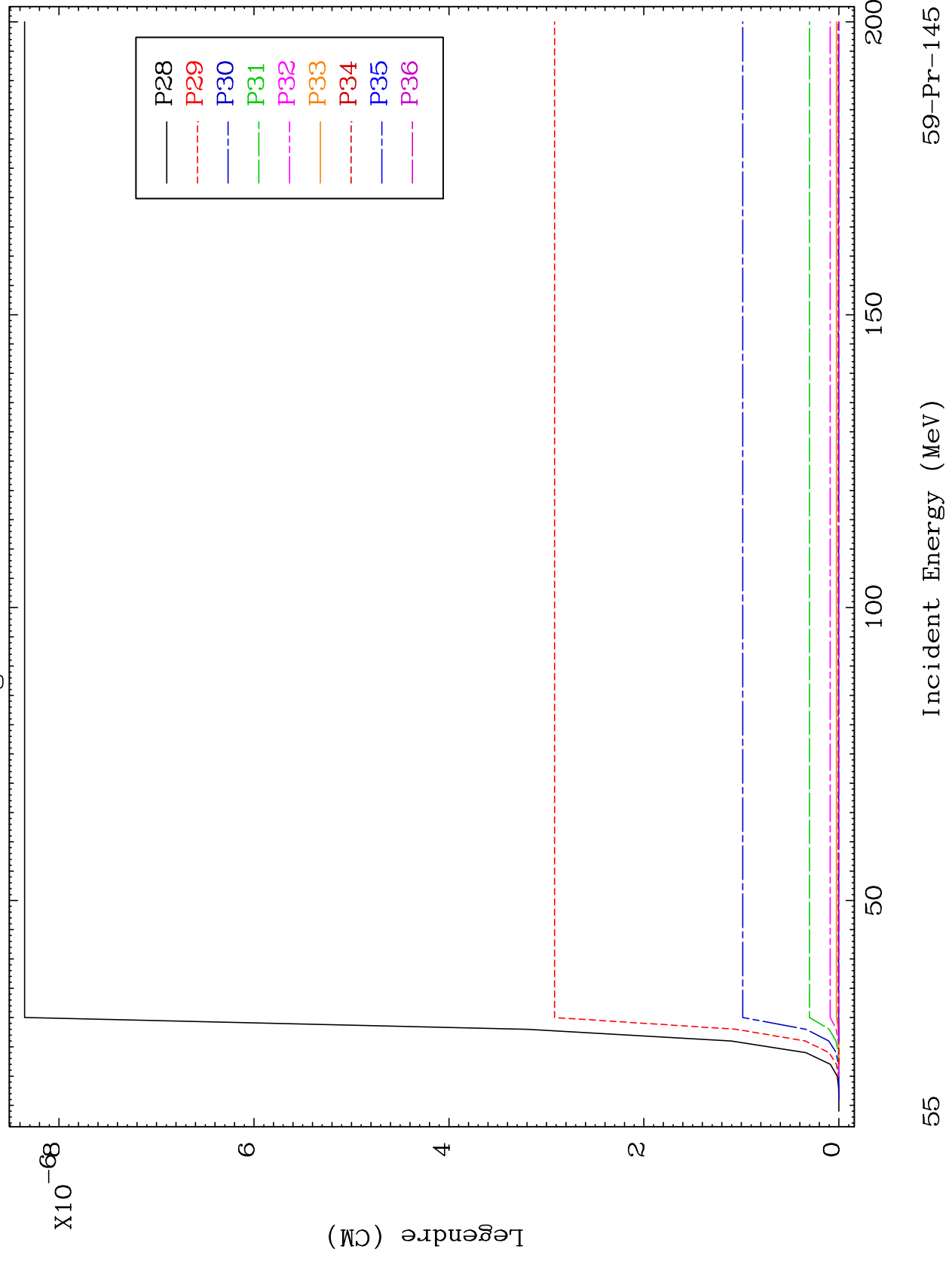
Incident Energy (MeV)

59-Pr-145

MAT 5937

766.3 keV (n,n') Level
Legendre Coefficients

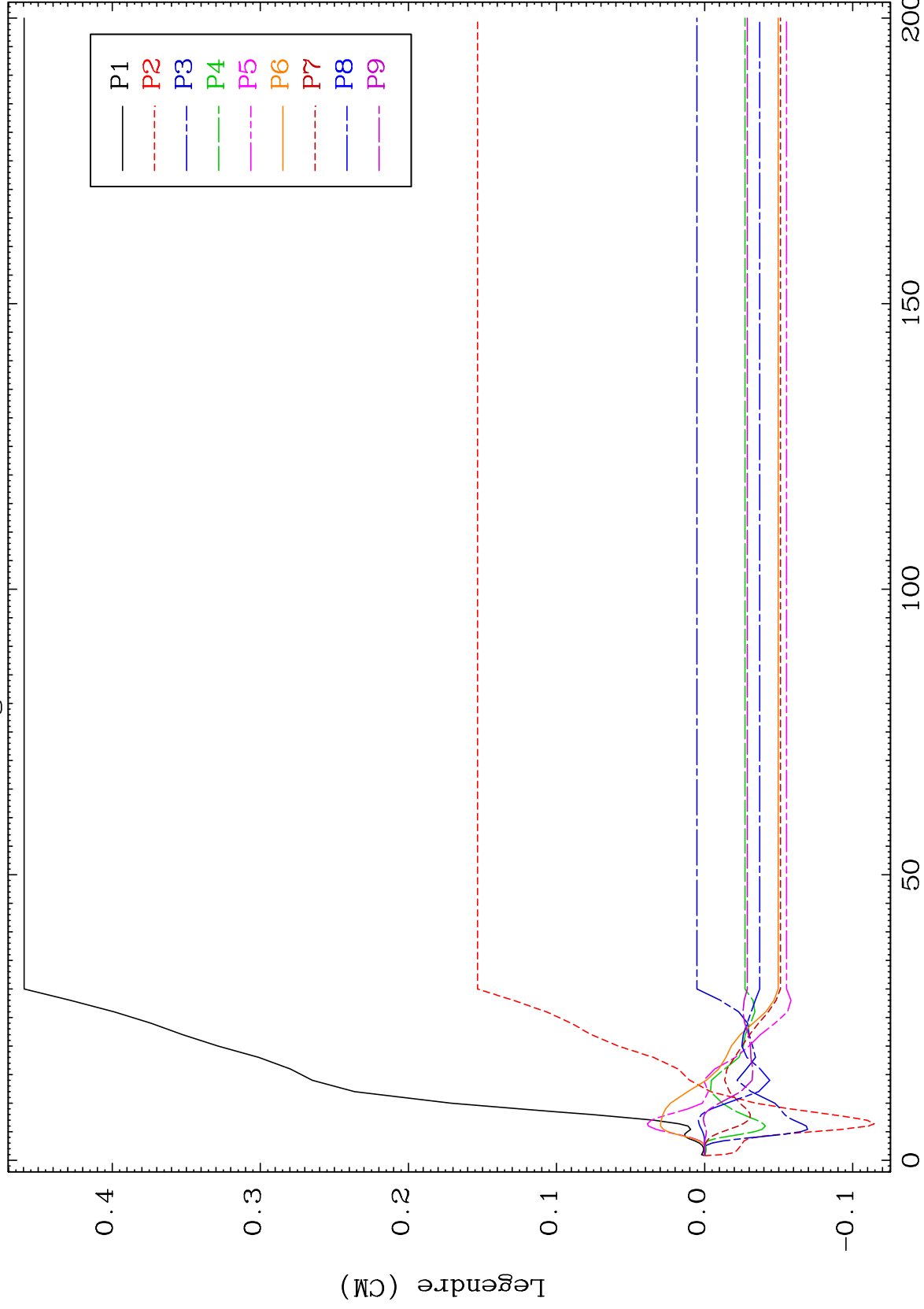
59-Pr-145



MAT 5937

786.9 keV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

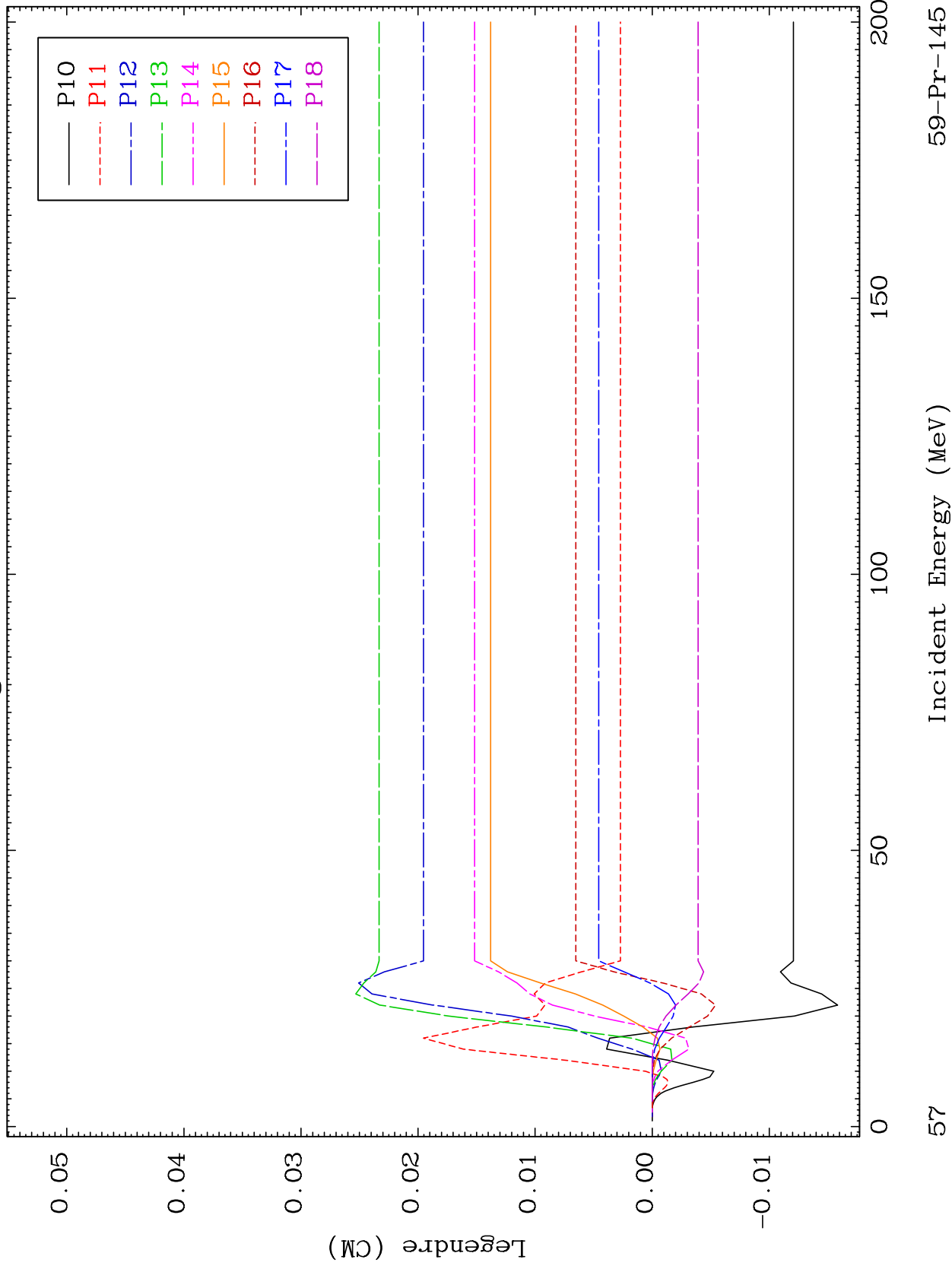
Incident Energy (MeV)

56

MAT 5937

786.9 keV (n,n') Level
Legendre Coefficients

59-Pr-145

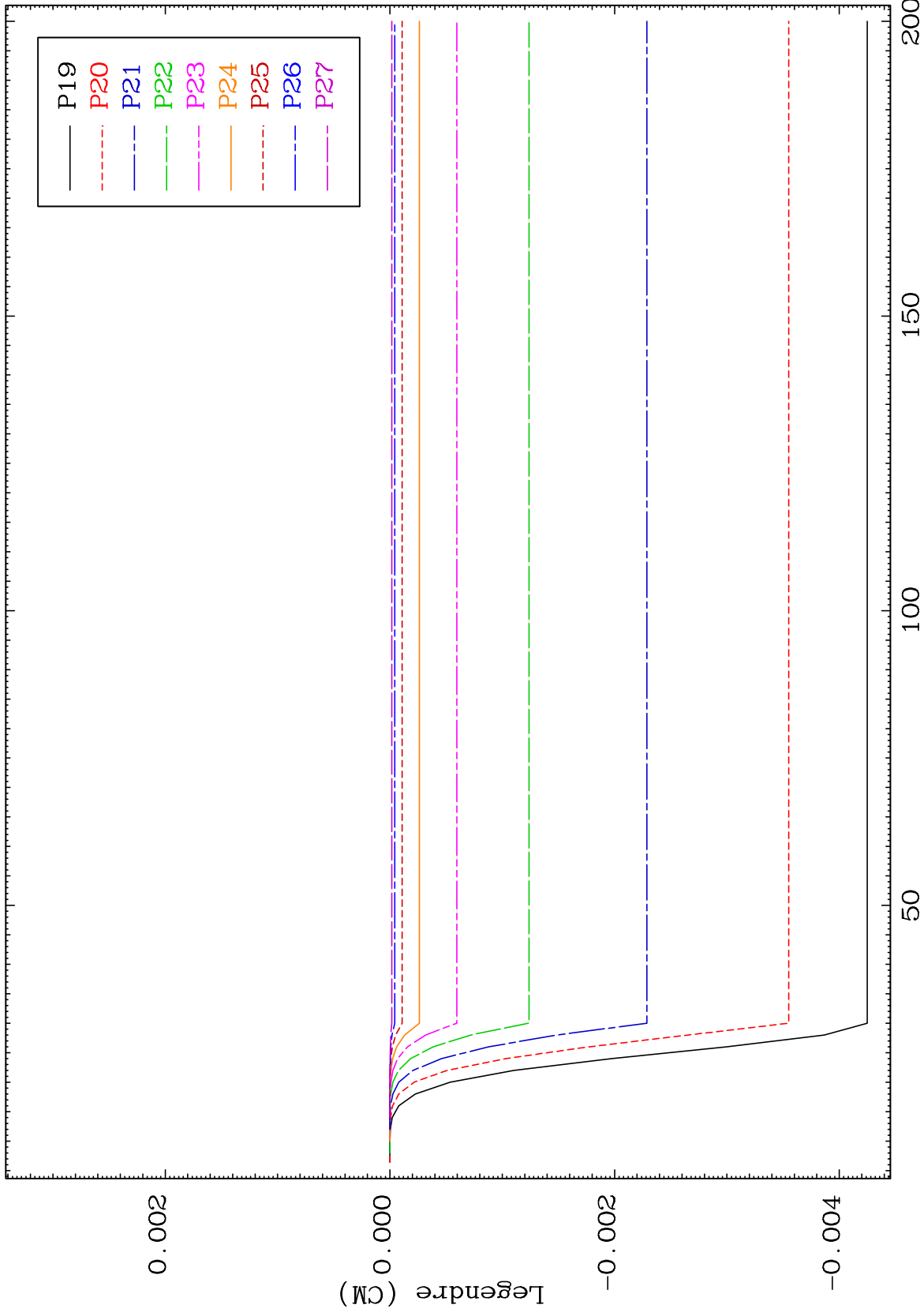


59-Pr-145

MAT 5937

786.9 keV (n,n') Level
Legendre Coefficients

59-Pr-145



58

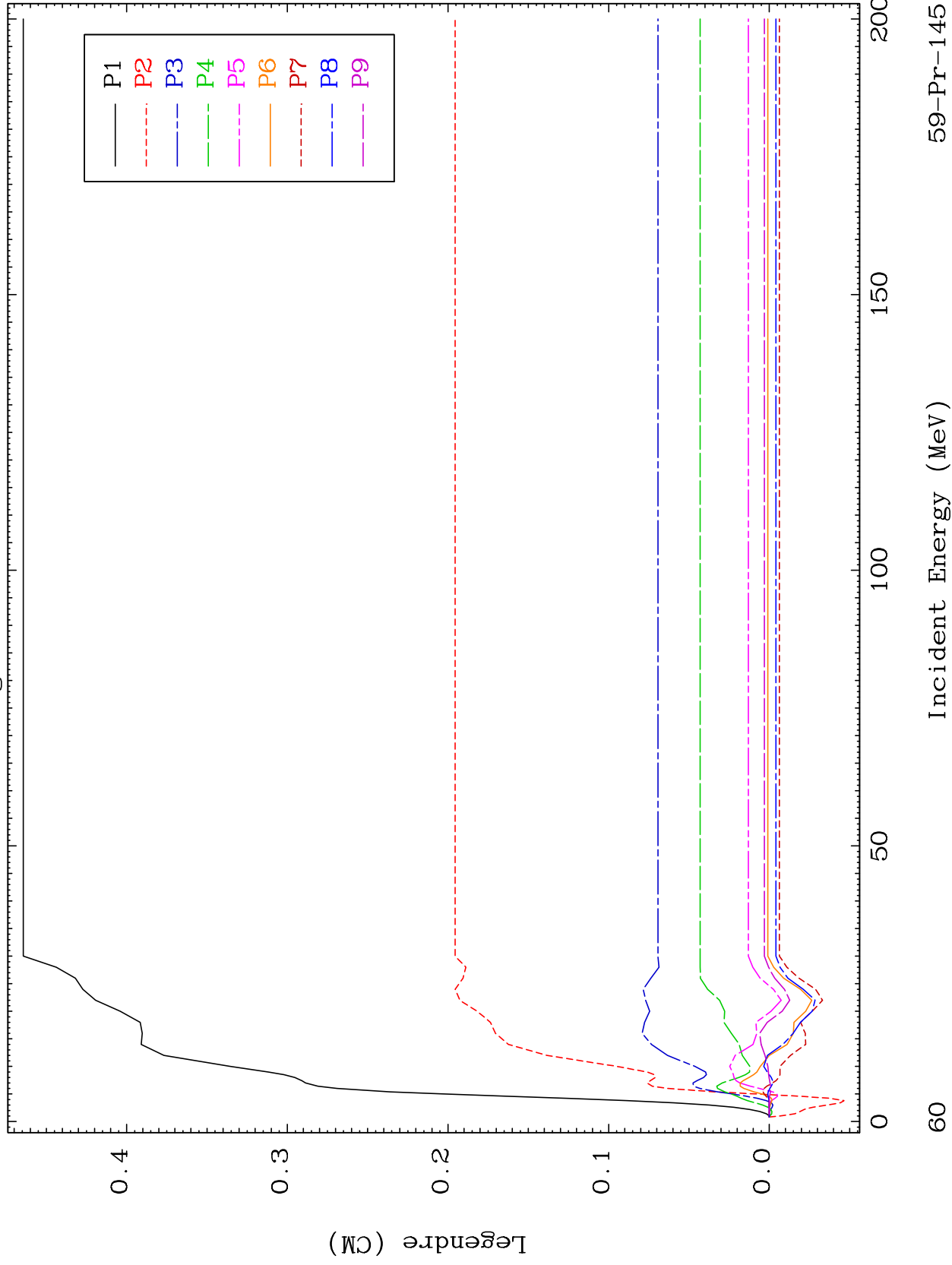
Incident Energy (MeV)

59-Pr-145

MAT 5937

806.4 keV (n,n') Level
Legendre Coefficients

59-Pr-145

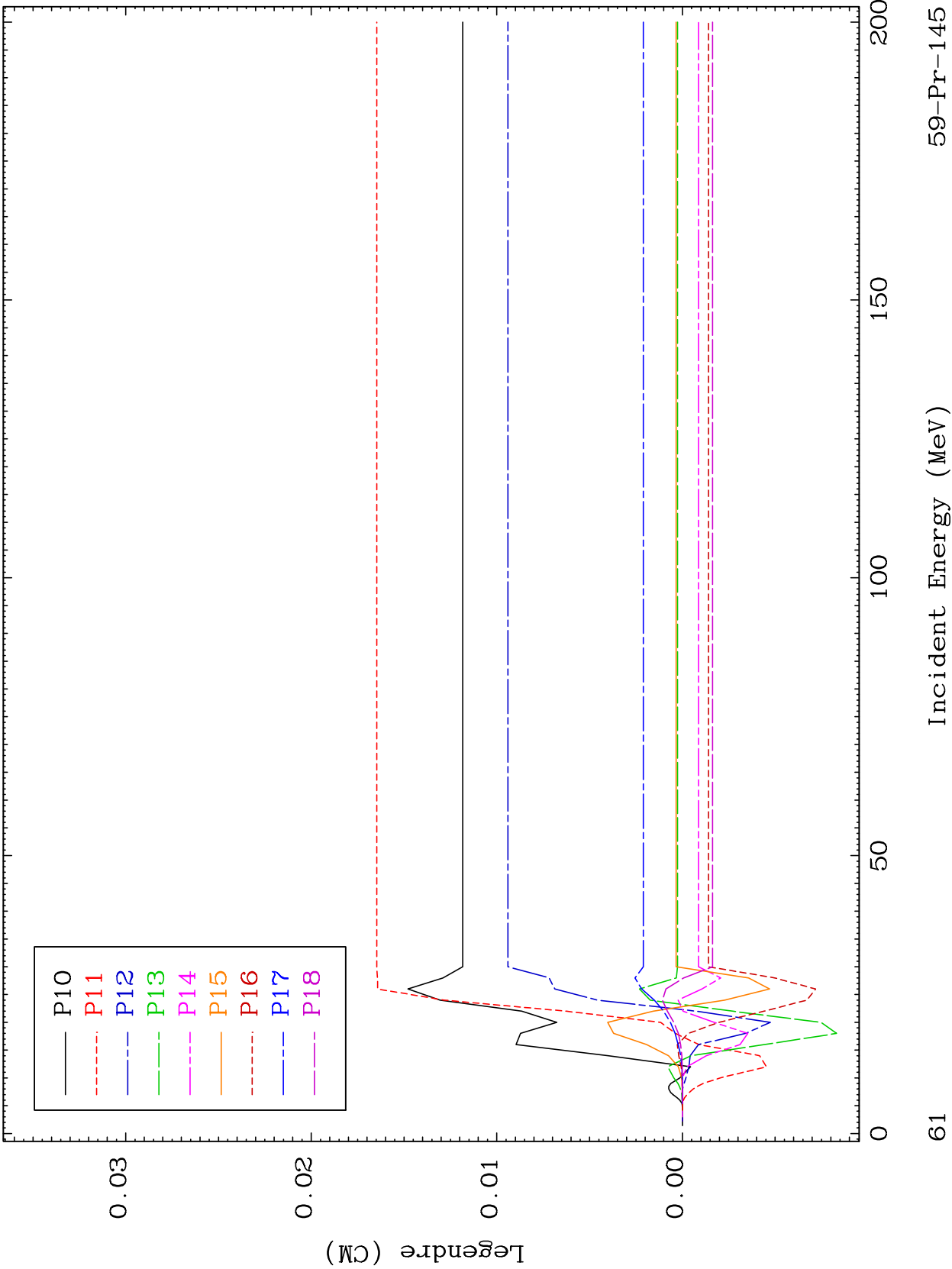


59-Pr-145

MAT 5937

806.4 keV (n,n') Level
Legendre Coefficients

59-Pr-145



61

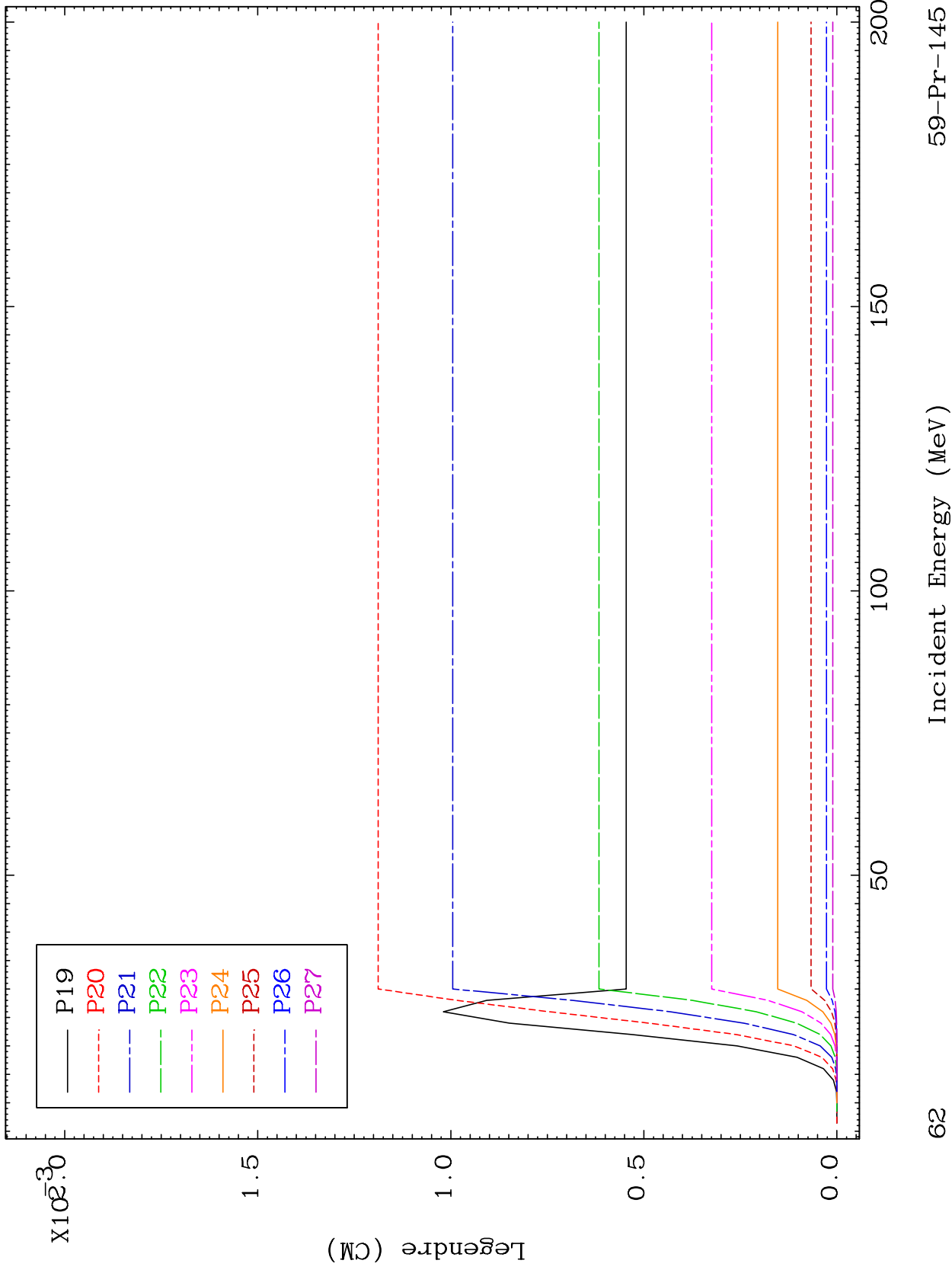
Incident Energy (MeV)

59-Pr-145

MAT 5937

806.4 keV (n,n') Level
Legendre Coefficients

59-Pr-145



62

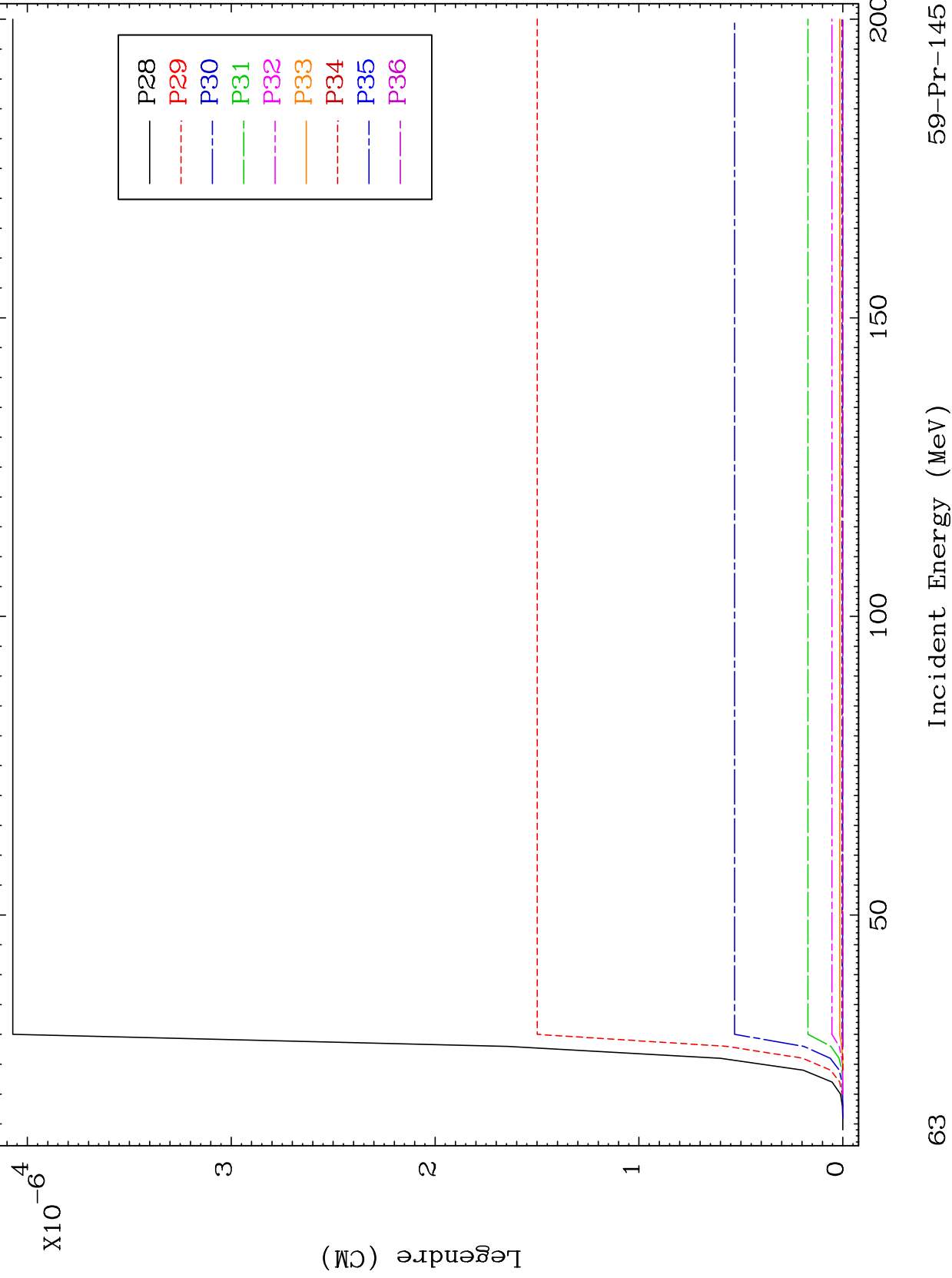
Incident Energy (MeV)

59-Pr-145

MAT 5937

806.4 keV (n,n') Level
Legendre Coefficients

59-Pr-145



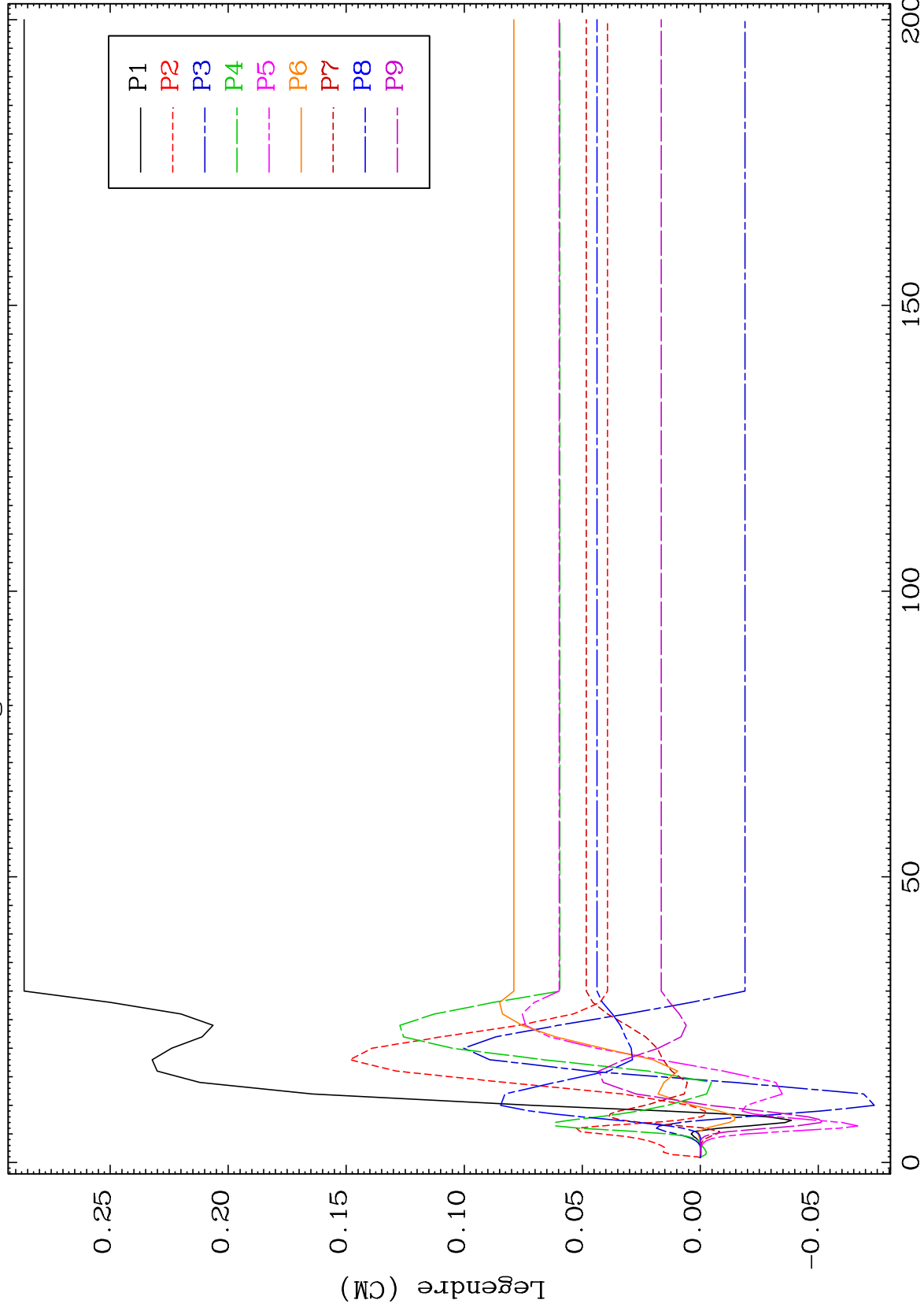
63

59-Pr-145

MAT 5937

835.6 keV (n,n') Level
Legendre Coefficients

59-Pr-145



64

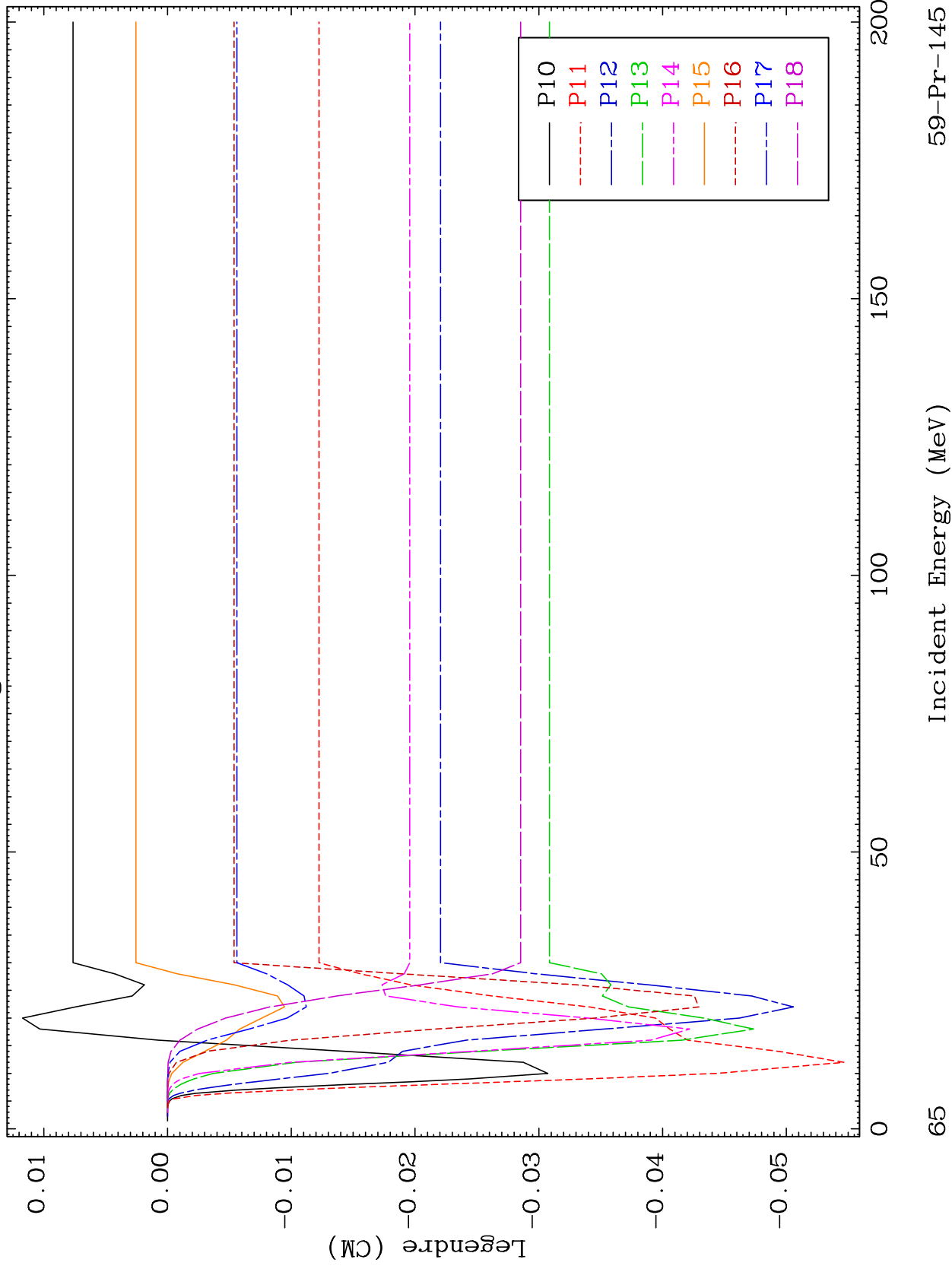
Incident Energy (MeV)

59-Pr-145

MAT 5937

835.6 keV (n,n') Level
Legendre Coefficients

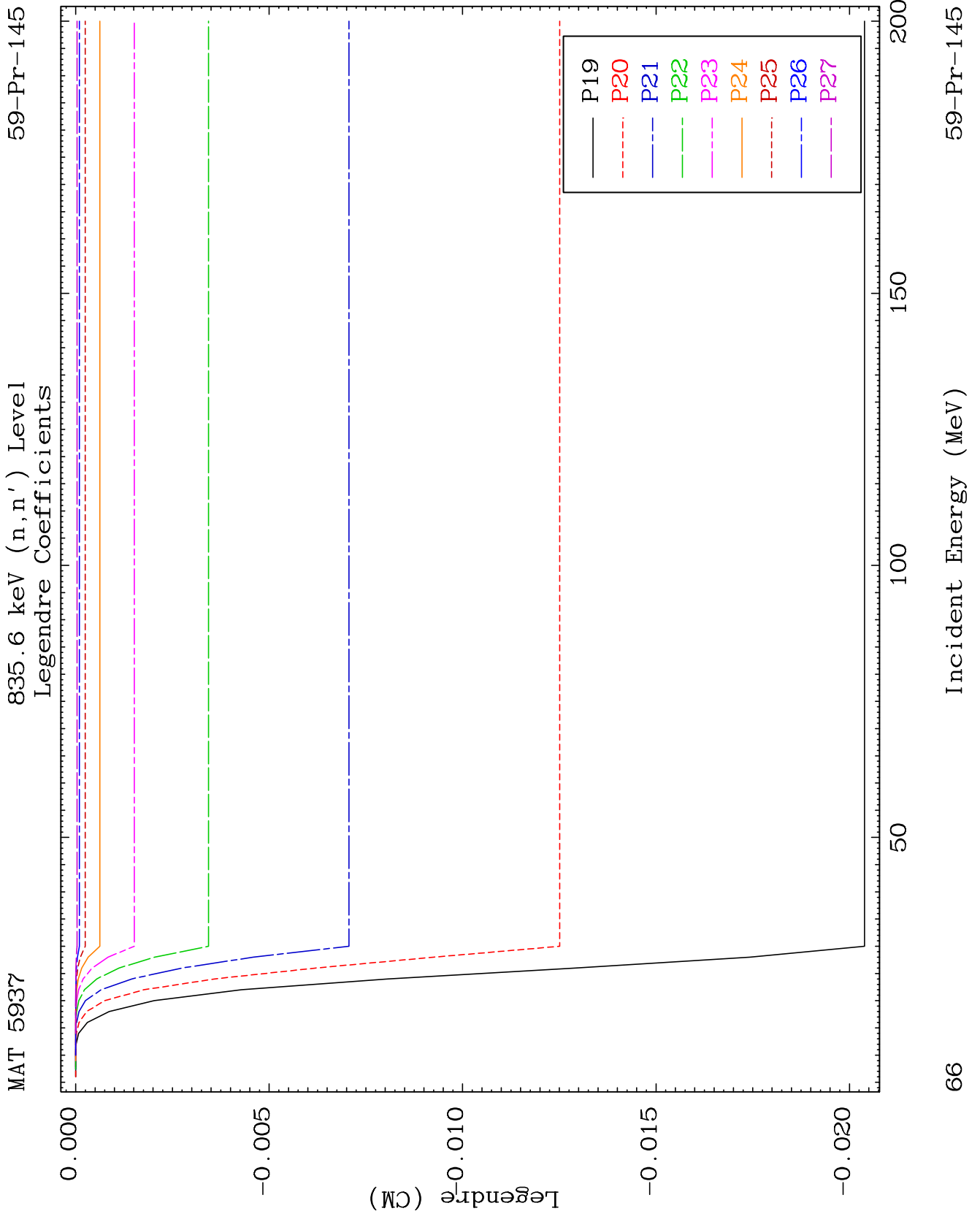
59-Pr-145

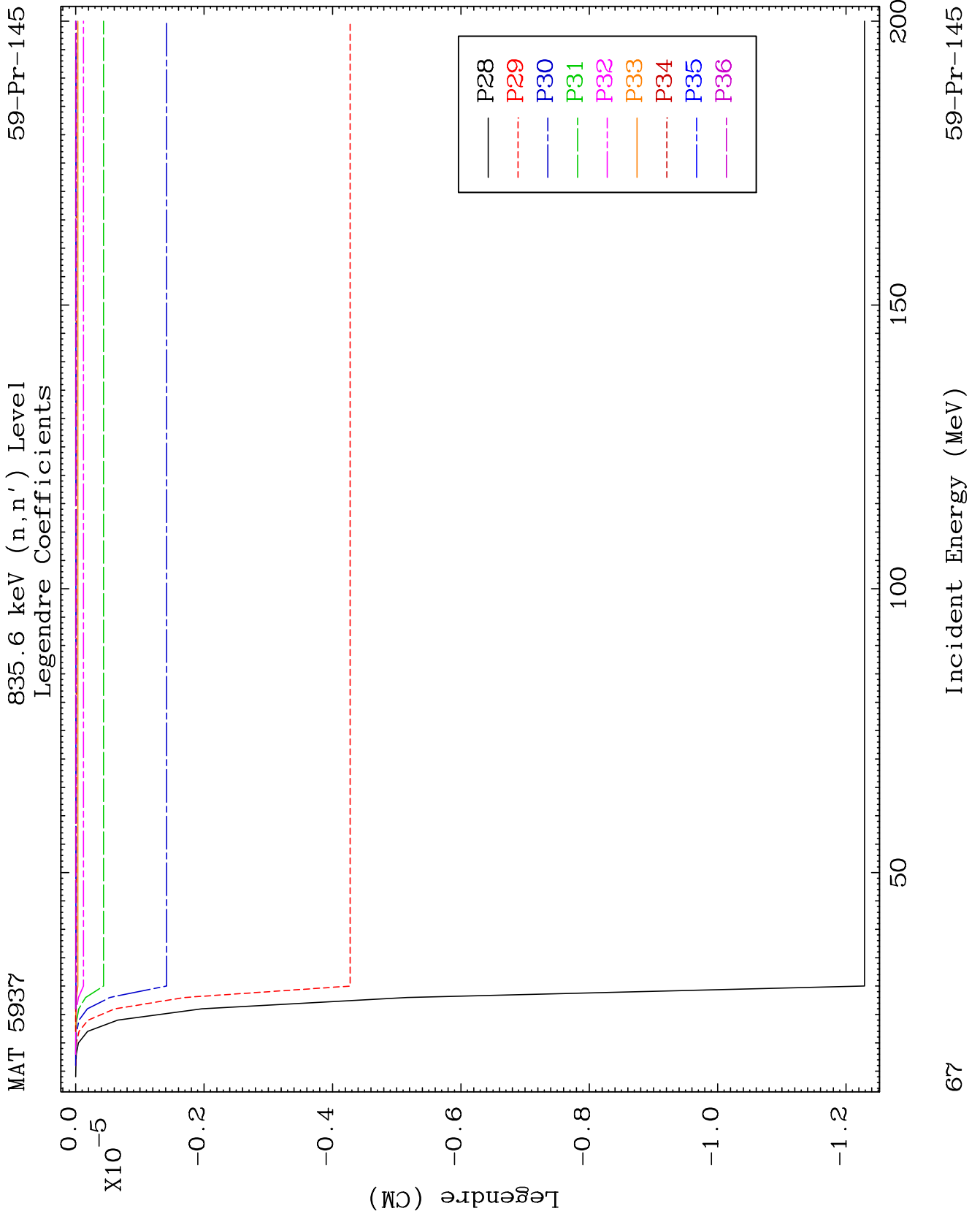


59-Pr-145

Incident Energy (MeV)

65

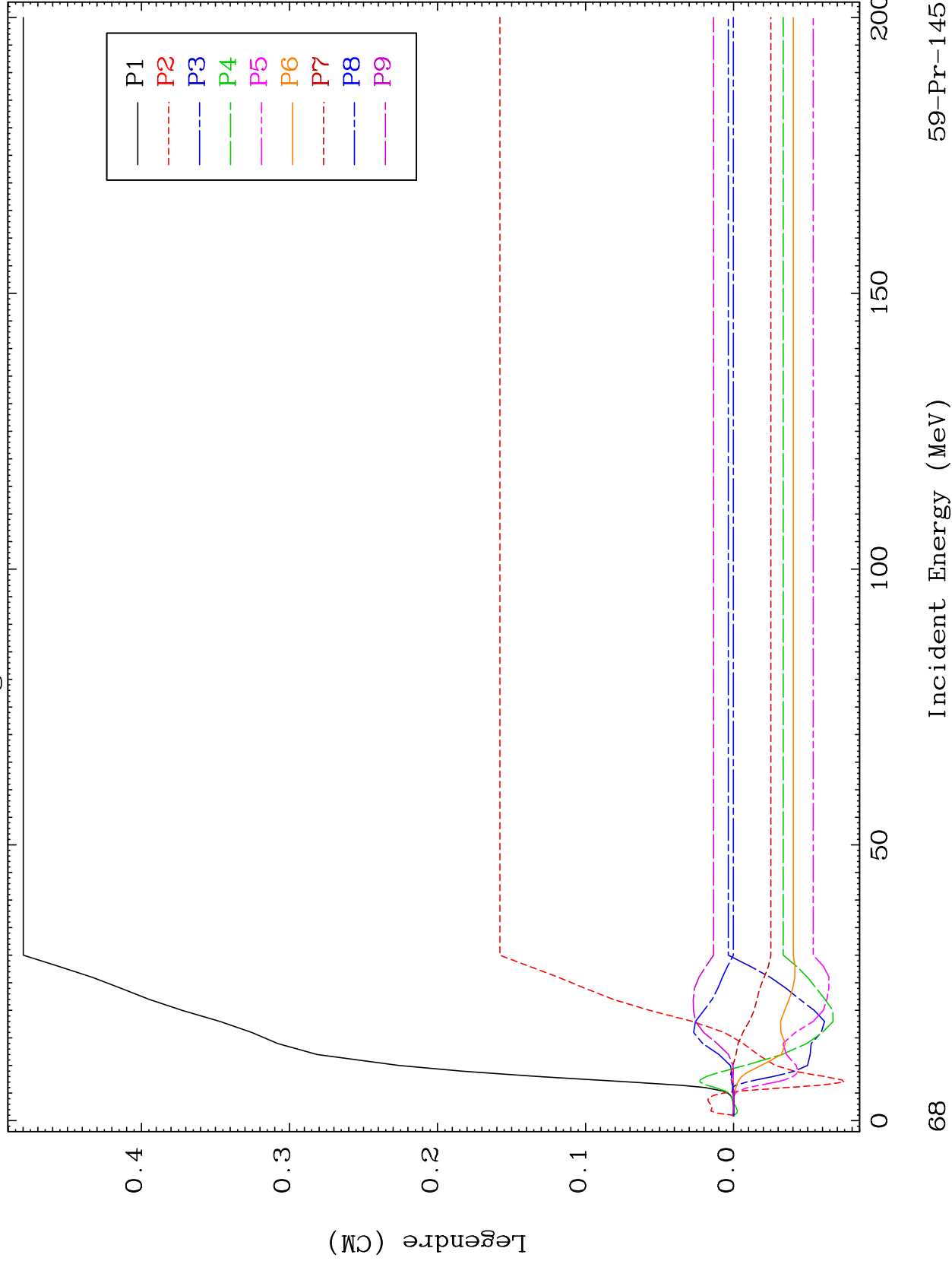




MAT 5937

845.9 keV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

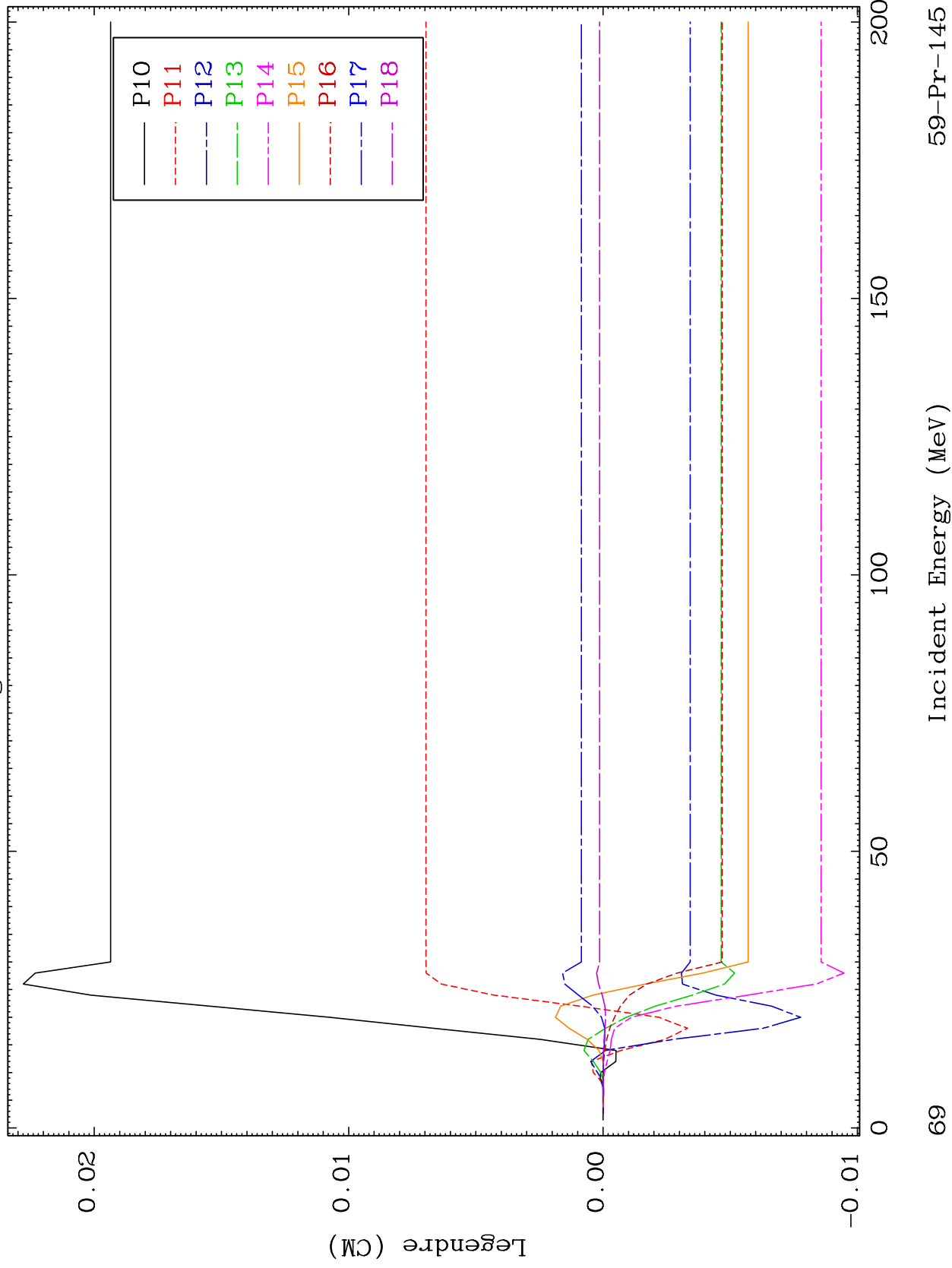
Incident Energy (MeV)

68

MAT 5937

845.9 keV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

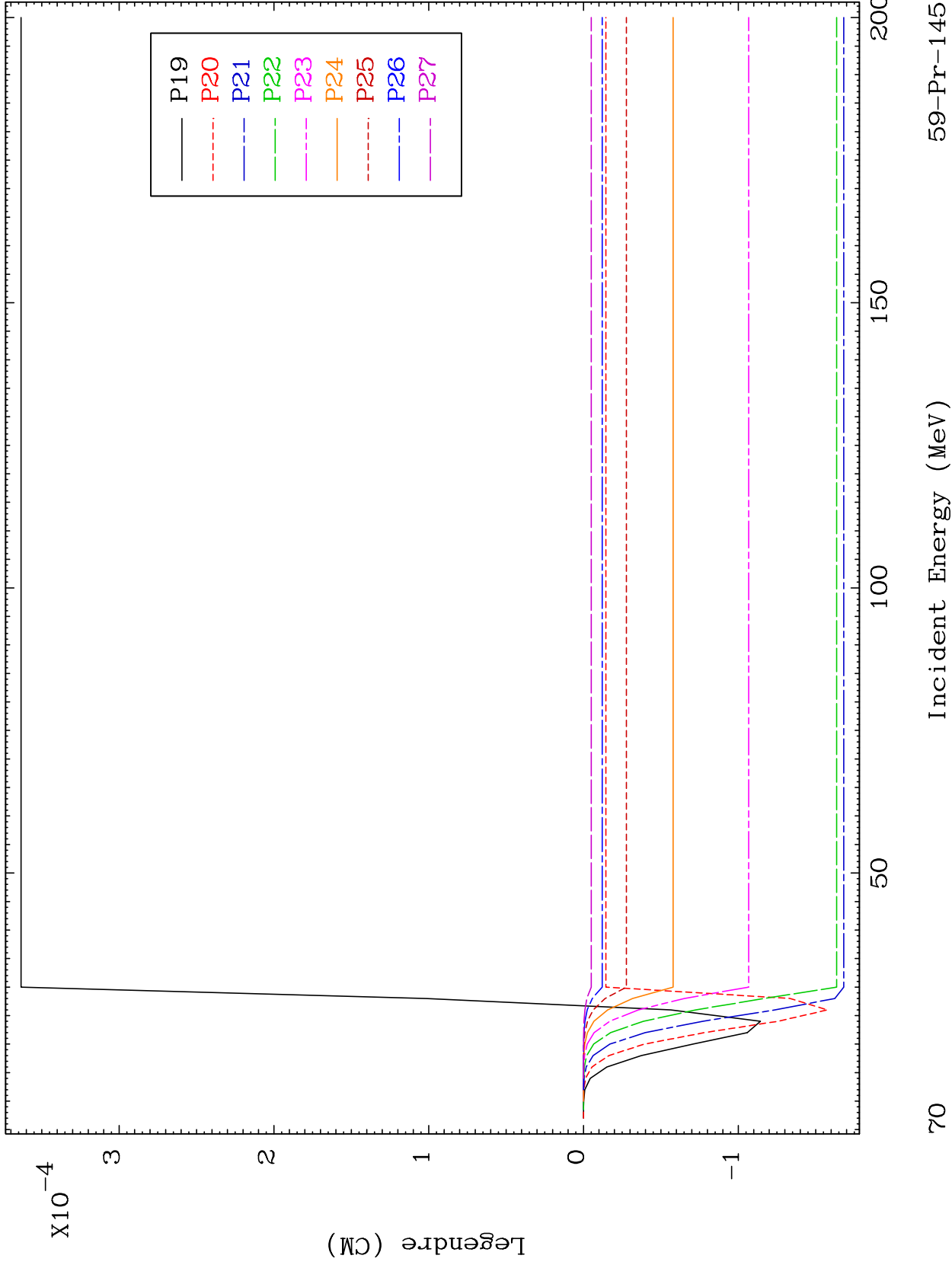
Incident Energy (MeV)

69

MAT 5937

845.9 keV (n,n') Level
Legendre Coefficients

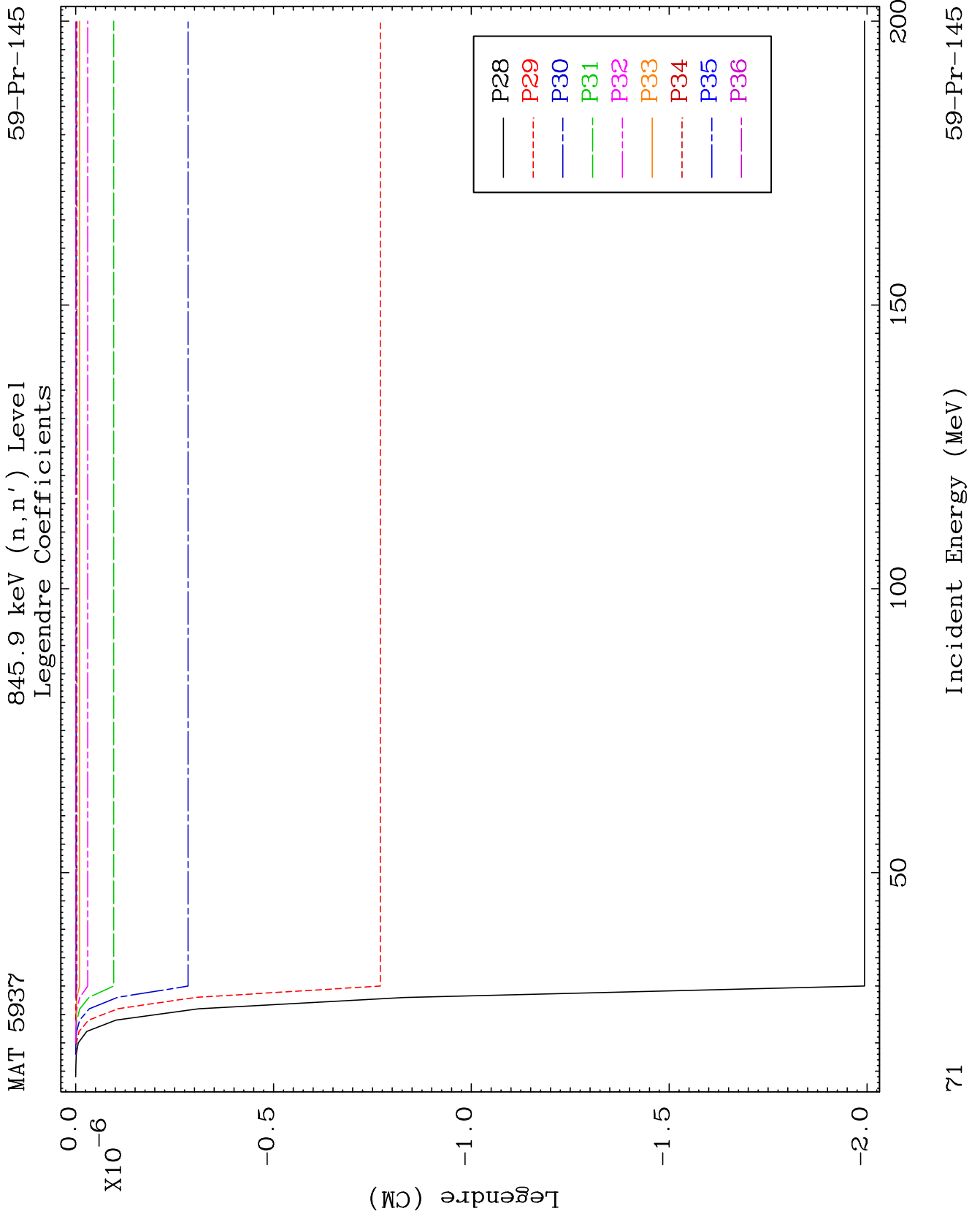
59-Pr-145



70

Incident Energy (MeV)

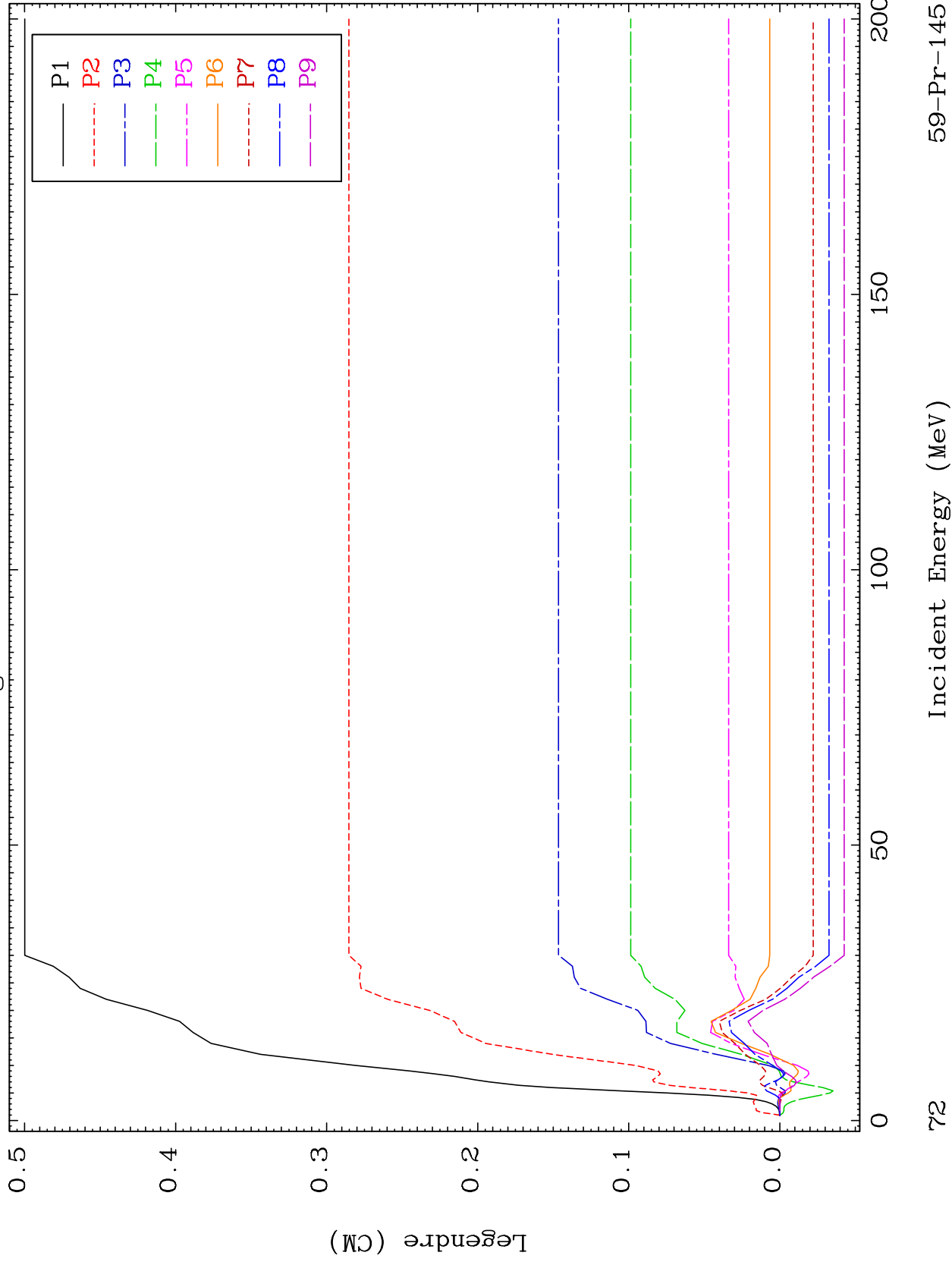
59-Pr-145



MAT 5937

859.4 keV (n,n') Level
Legendre Coefficients

59-Pr-145



72

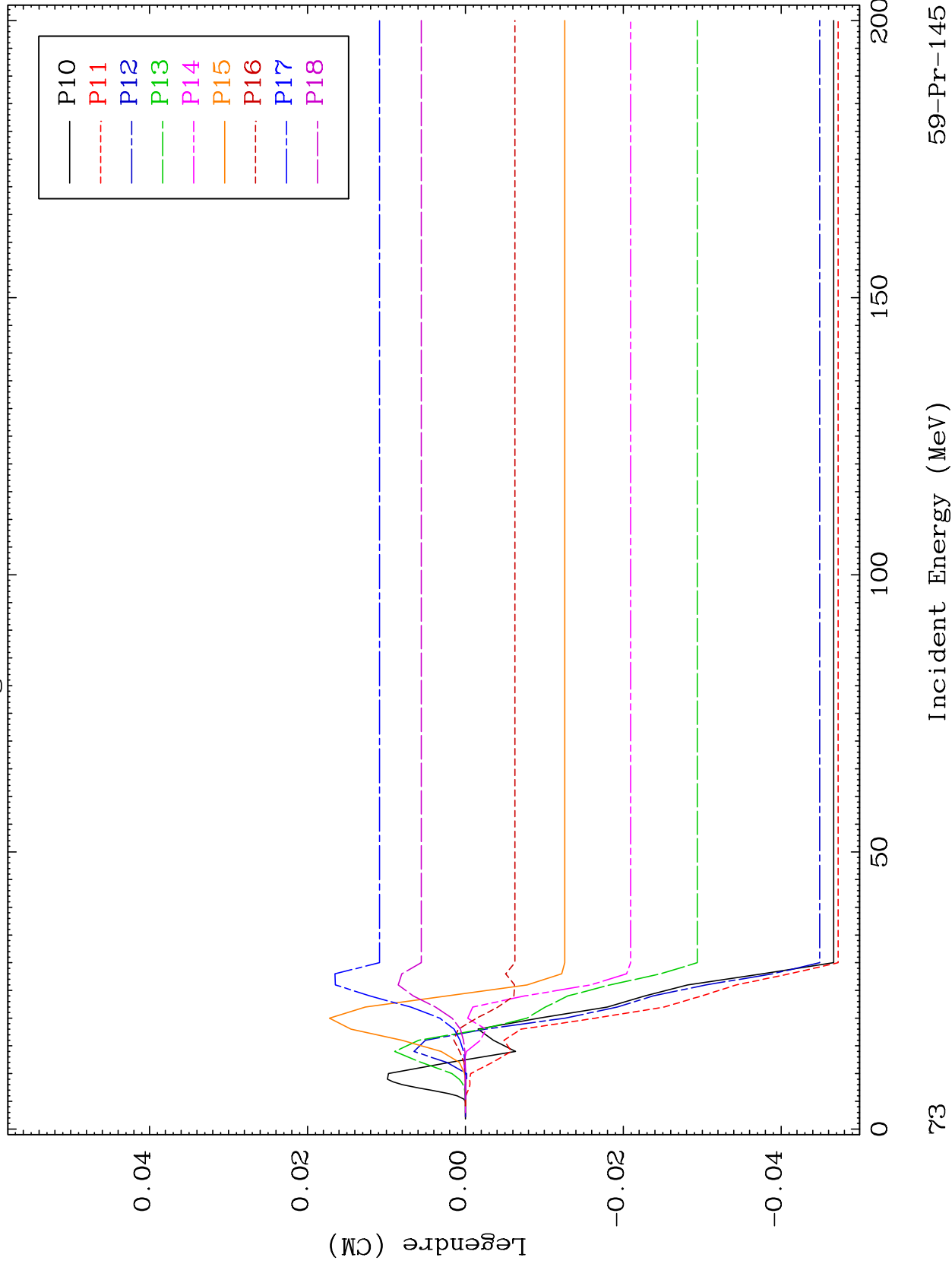
Incident Energy (MeV)

59-Pr-145

MAT 5937

859.4 keV (n,n') Level
Legendre Coefficients

59-Pr-145



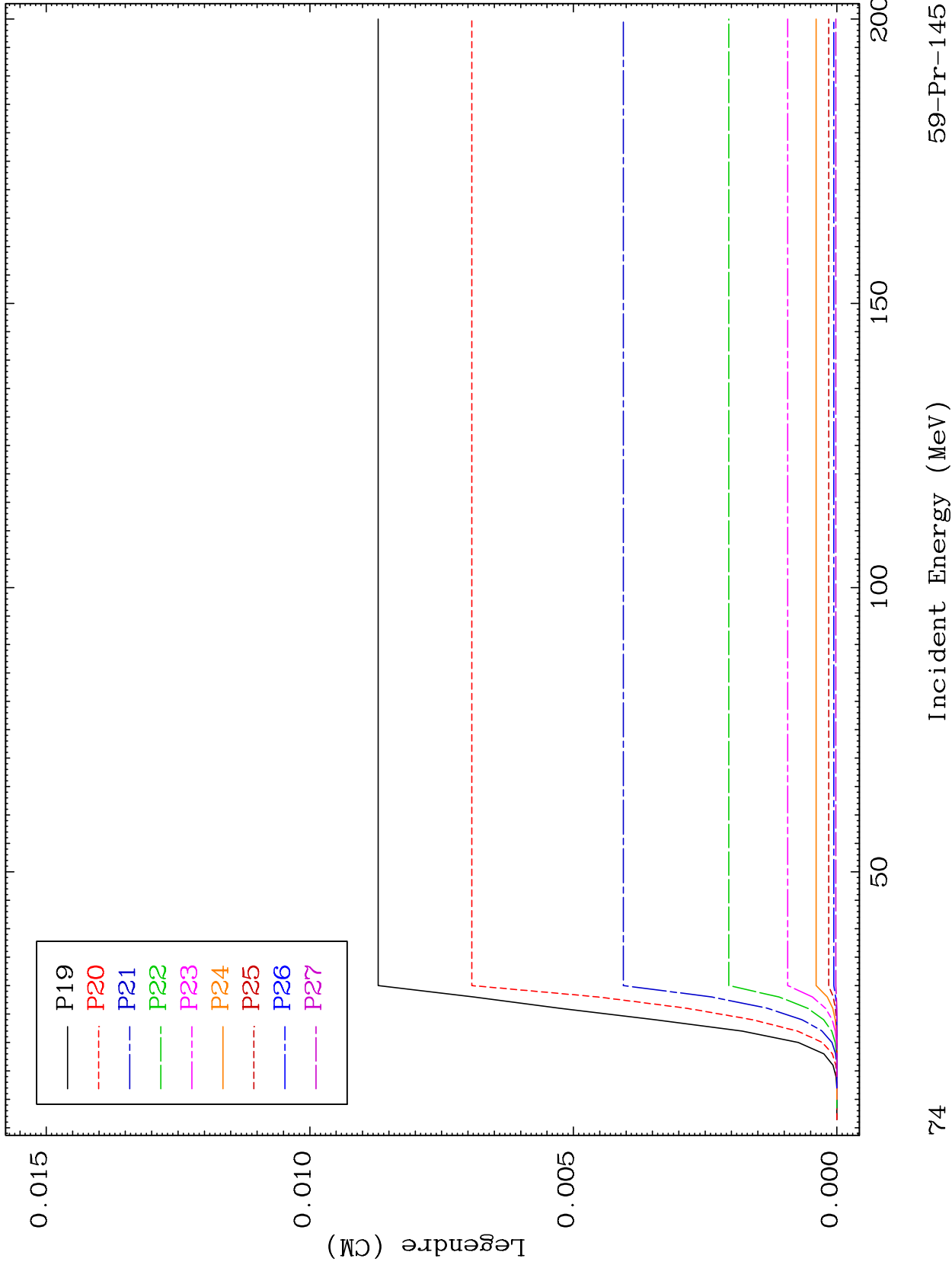
73

59-Pr-145

MAT 5937

859.4 keV (n,n') Level
Legendre Coefficients

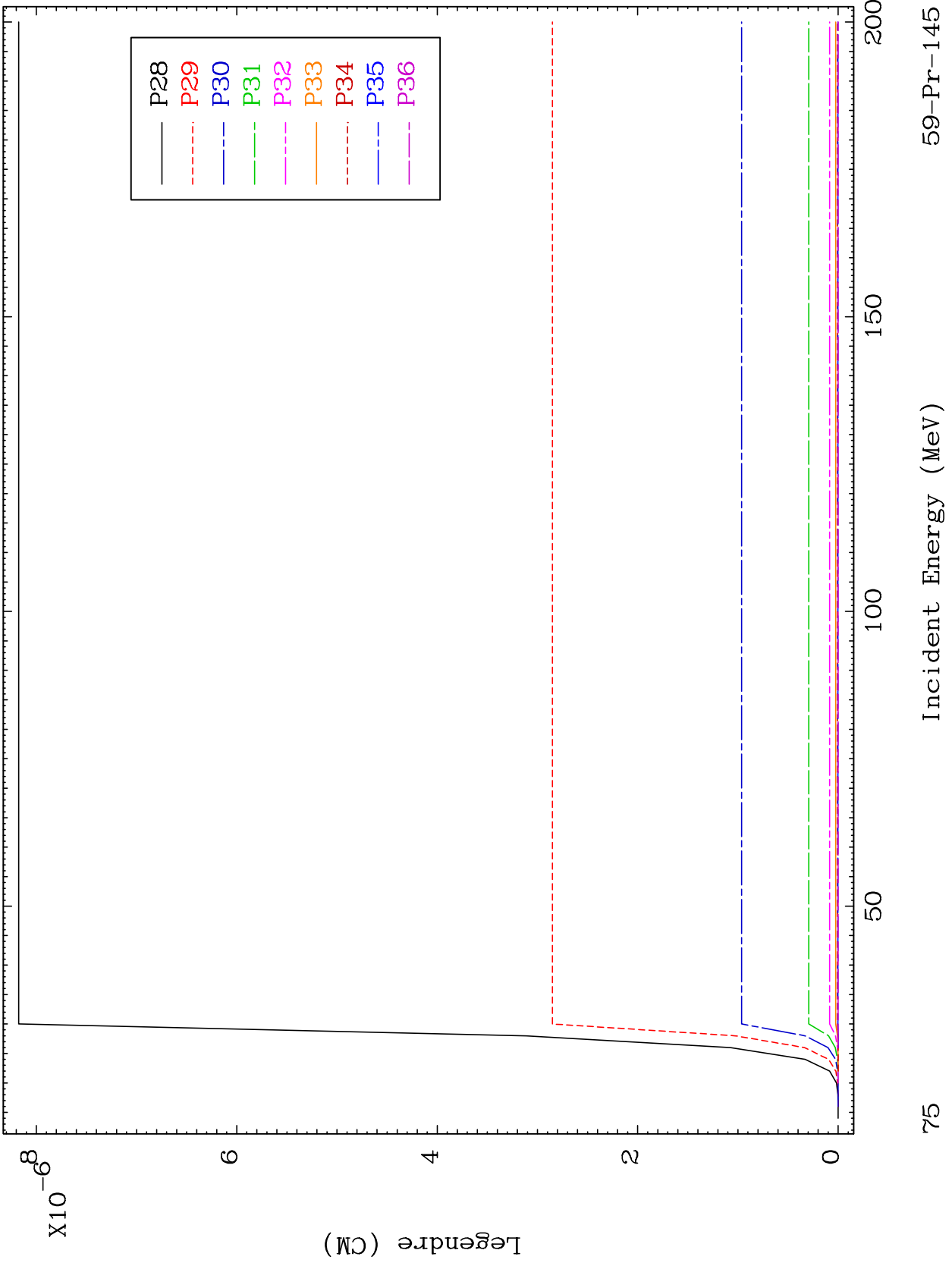
59-Pr-145



MAT 5937

859.4 keV (n,n') Level
Legendre Coefficients

59-Pr-145



75

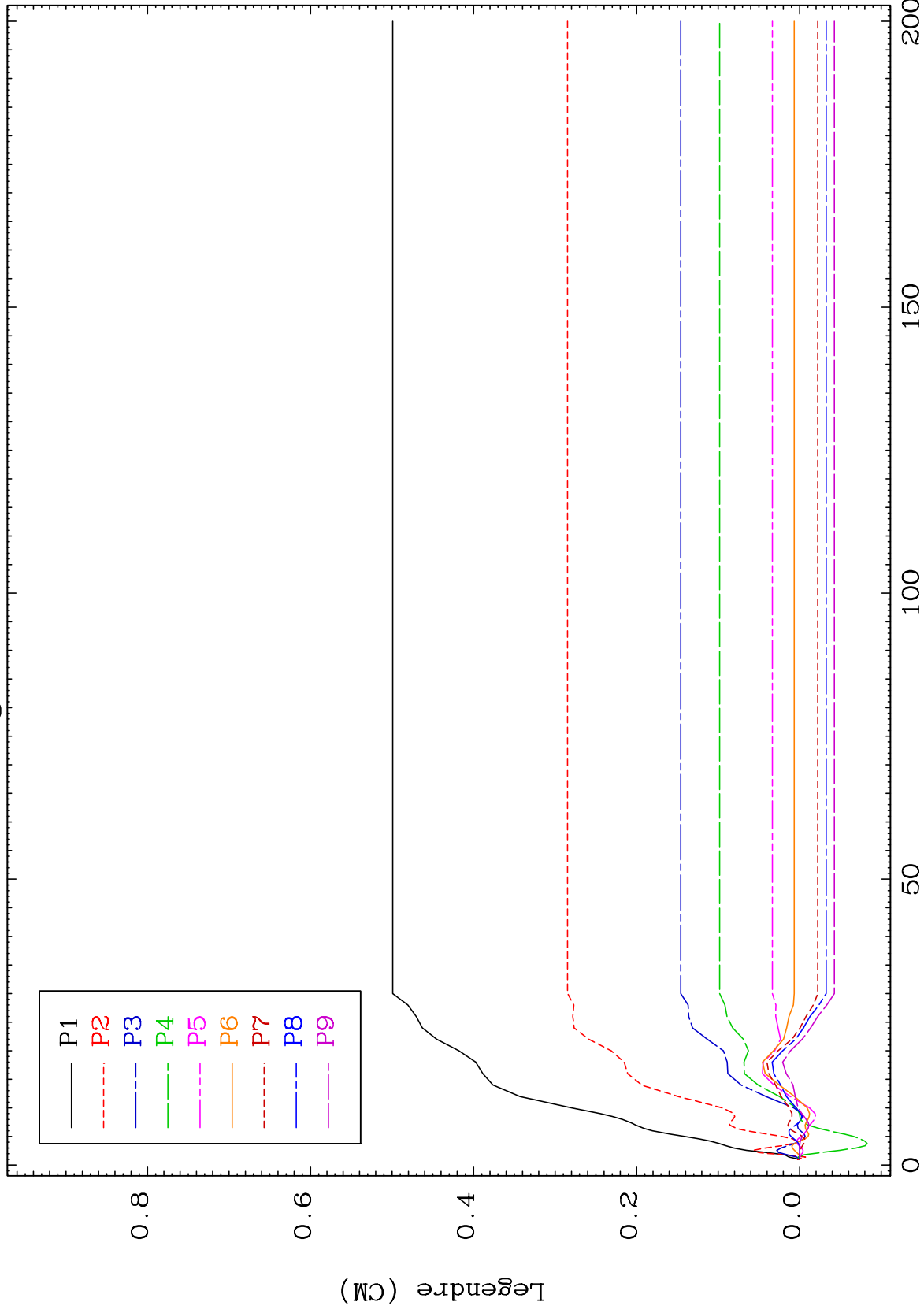
Incident Energy (MeV)

59-Pr-145

MAT 5937

948.4 keV (n,n') Level
Legendre Coefficients

59-Pr-145



76

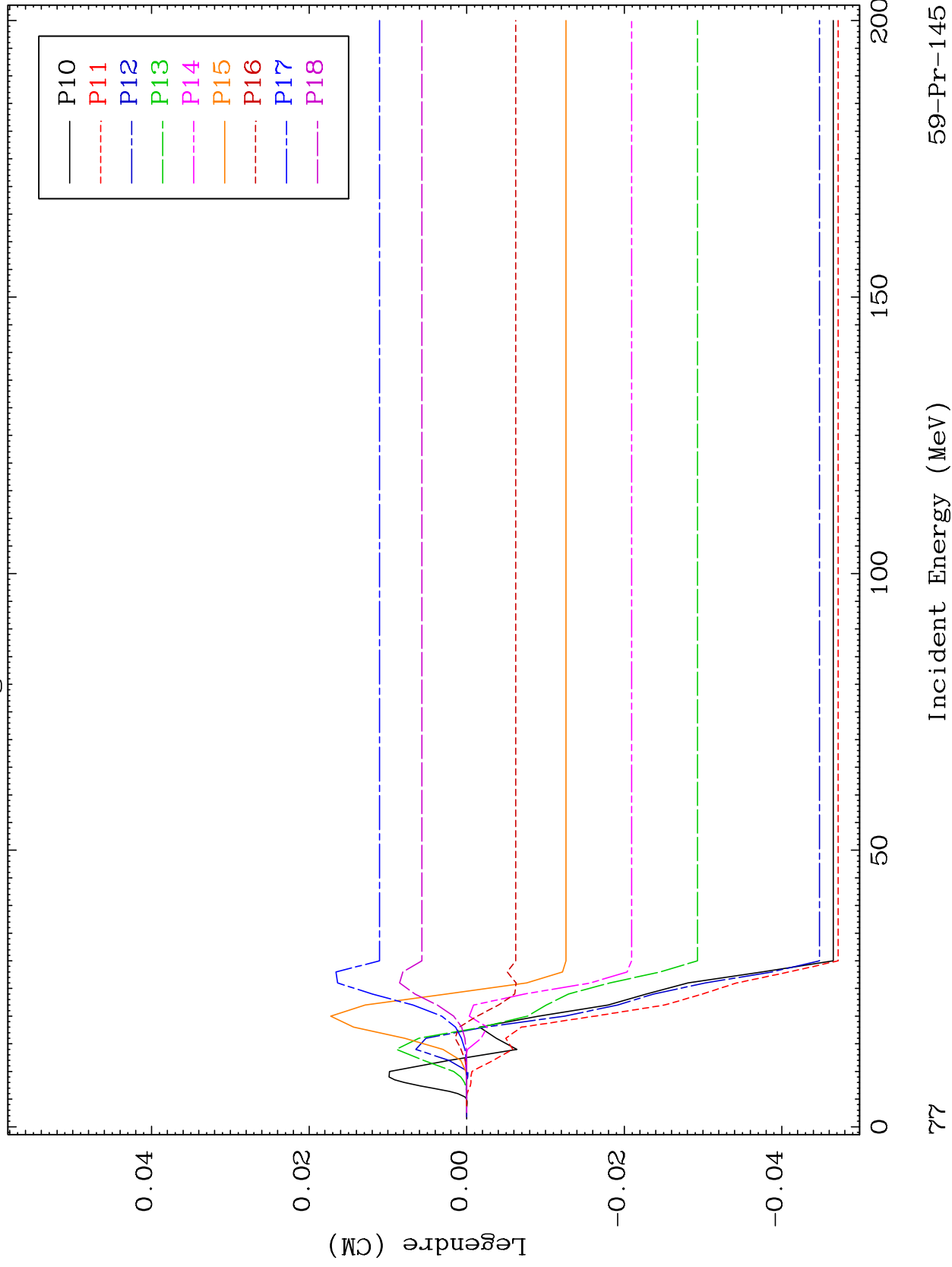
Incident Energy (MeV)

59-Pr-145

MAT 5937

948.4 keV (n,n') Level
Legendre Coefficients

59-Pr-145



77

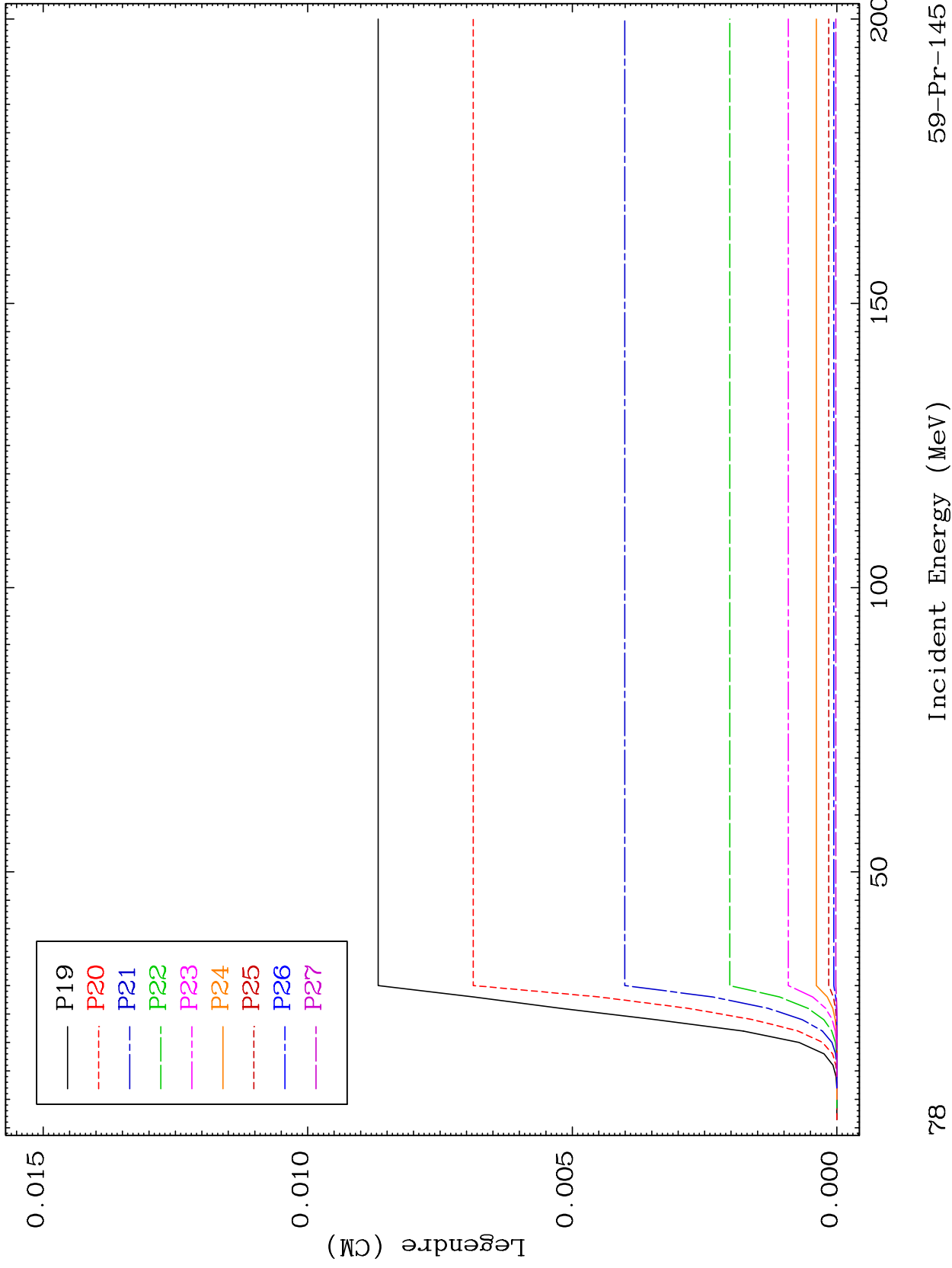
Incident Energy (MeV)

59-Pr-145

MAT 5937

948.4 keV (n,n') Level
Legendre Coefficients

59-Pr-145



78

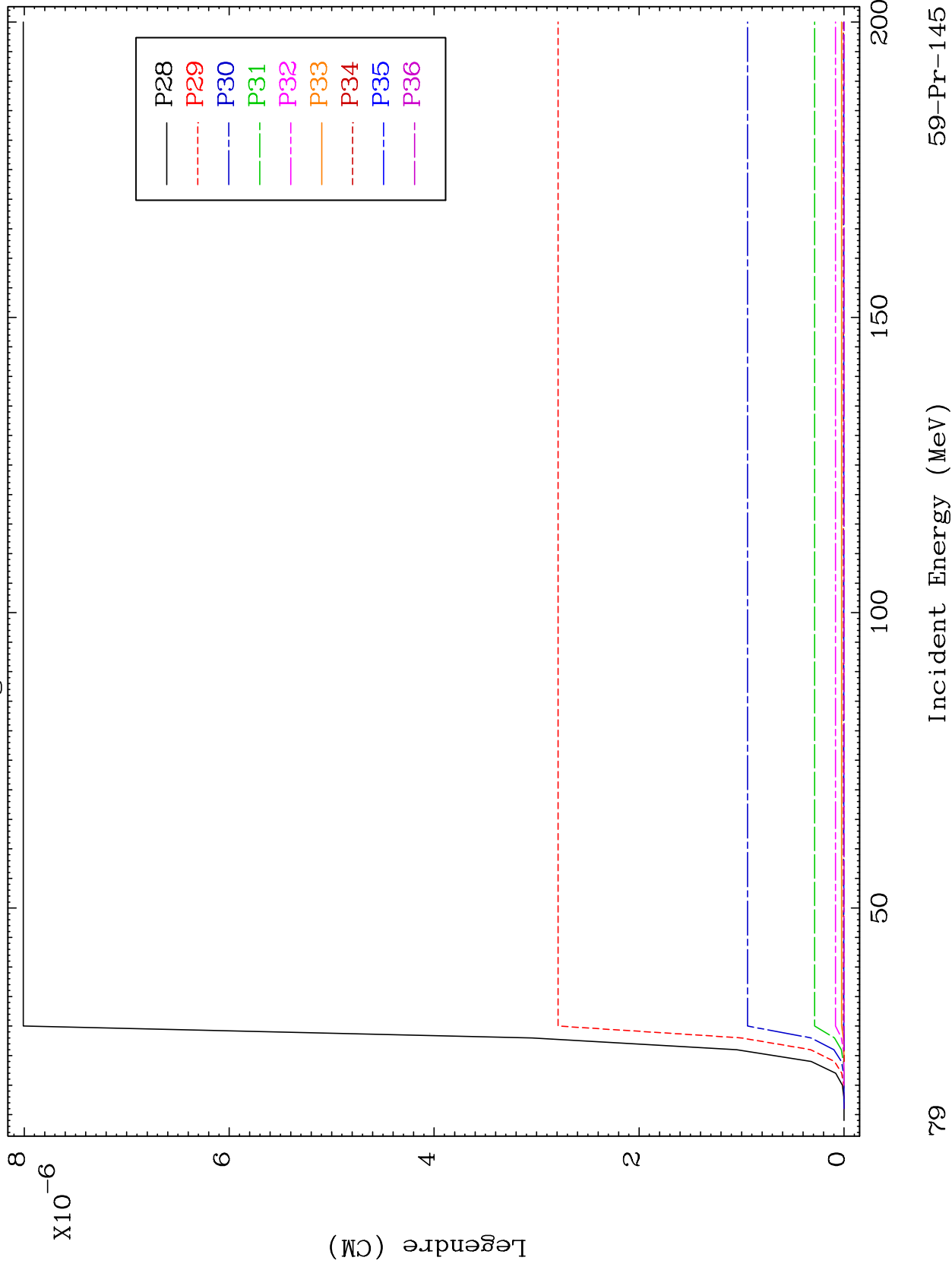
Incident Energy (MeV)

59-Pr-145

MAT 5937

948.4 keV (n,n') Level
Legendre Coefficients

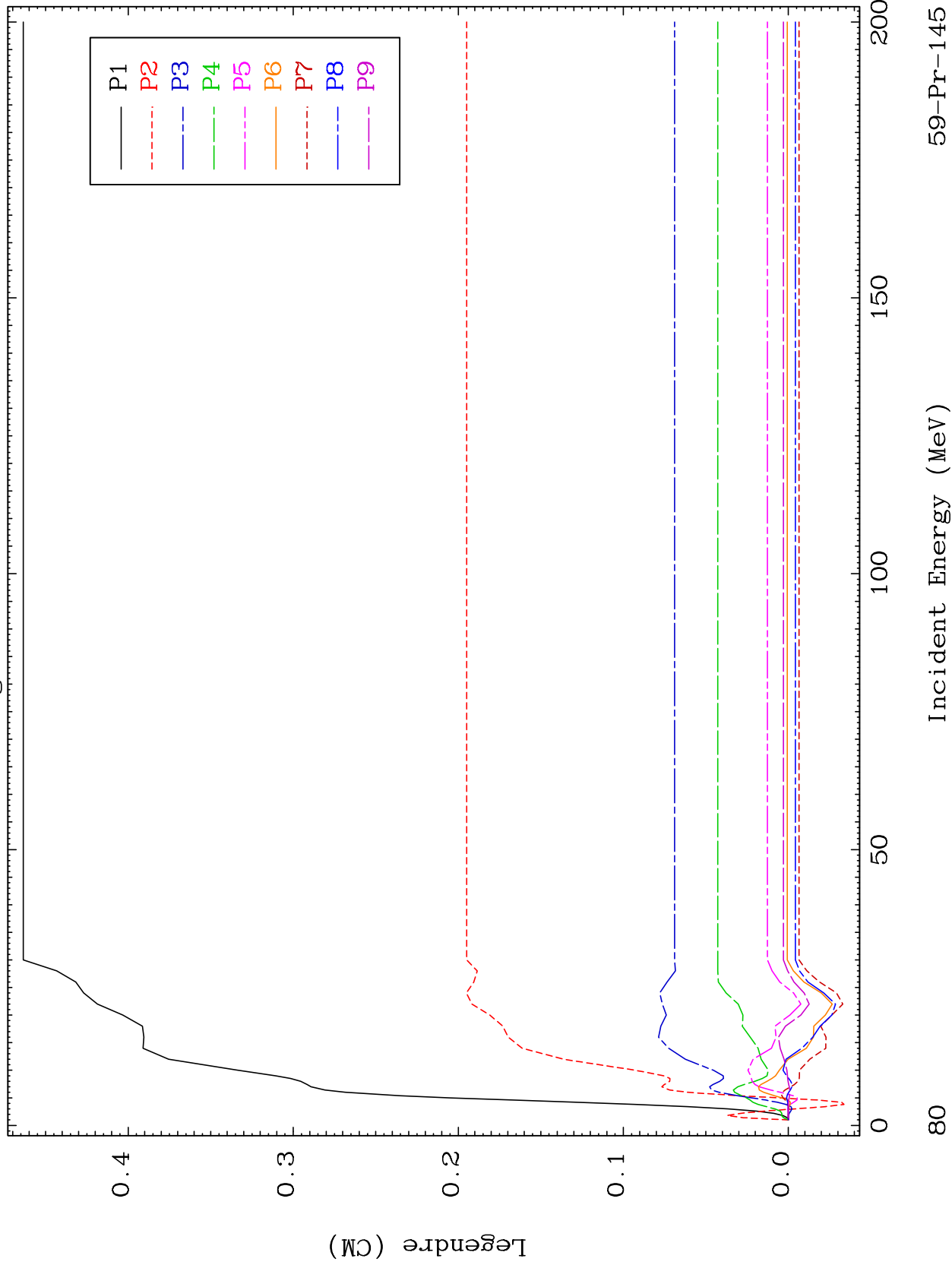
59-Pr-145



MAT 5937

960.0 keV (n,n') Level
Legendre Coefficients

59-Pr-145

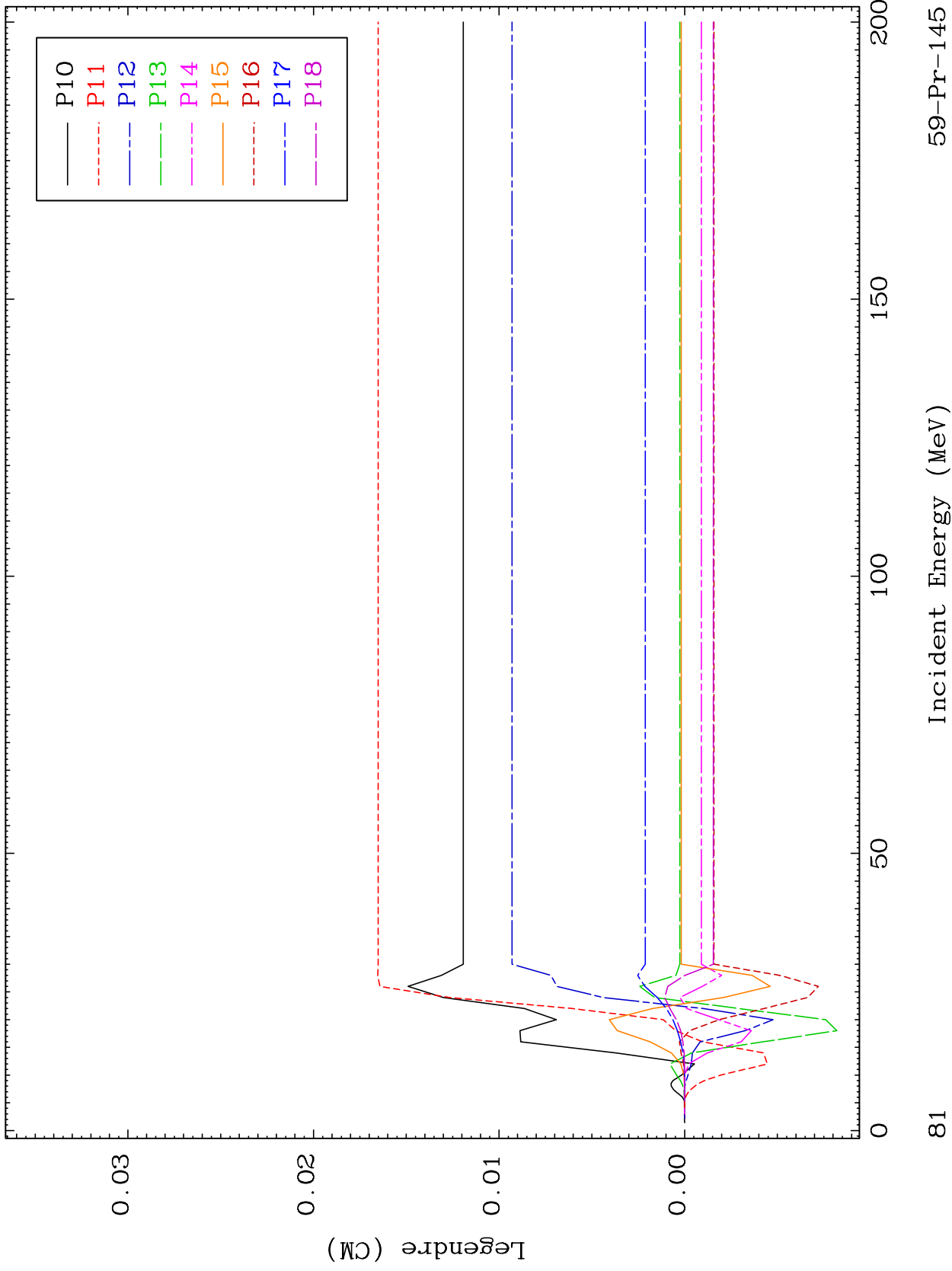


59-Pr-145

MAT 5937

960.0 keV (n,n') Level
Legendre Coefficients

59-Pr-145



81

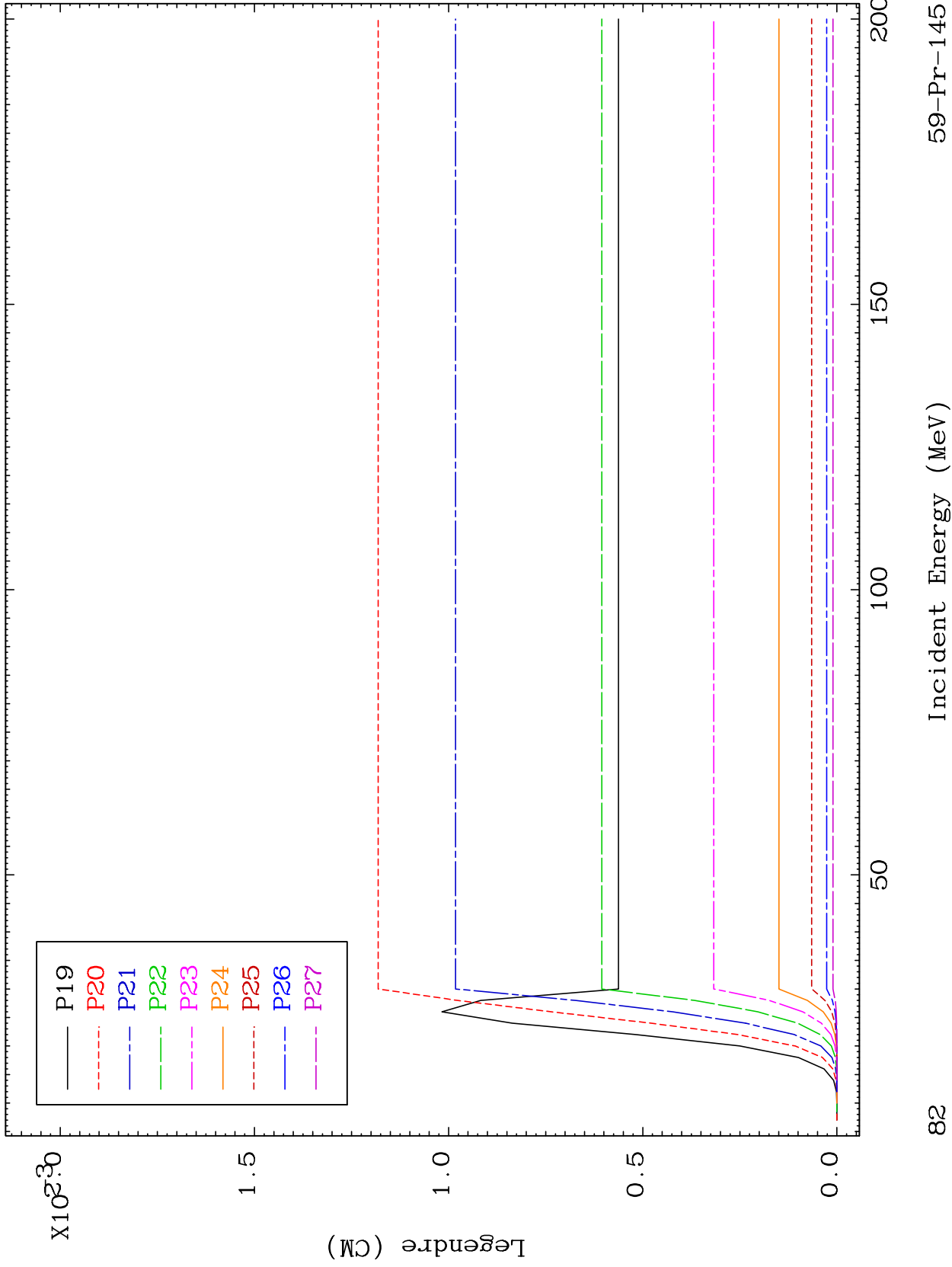
Incident Energy (MeV)

59-Pr-145

MAT 5937

960.0 keV (n,n') Level
Legendre Coefficients

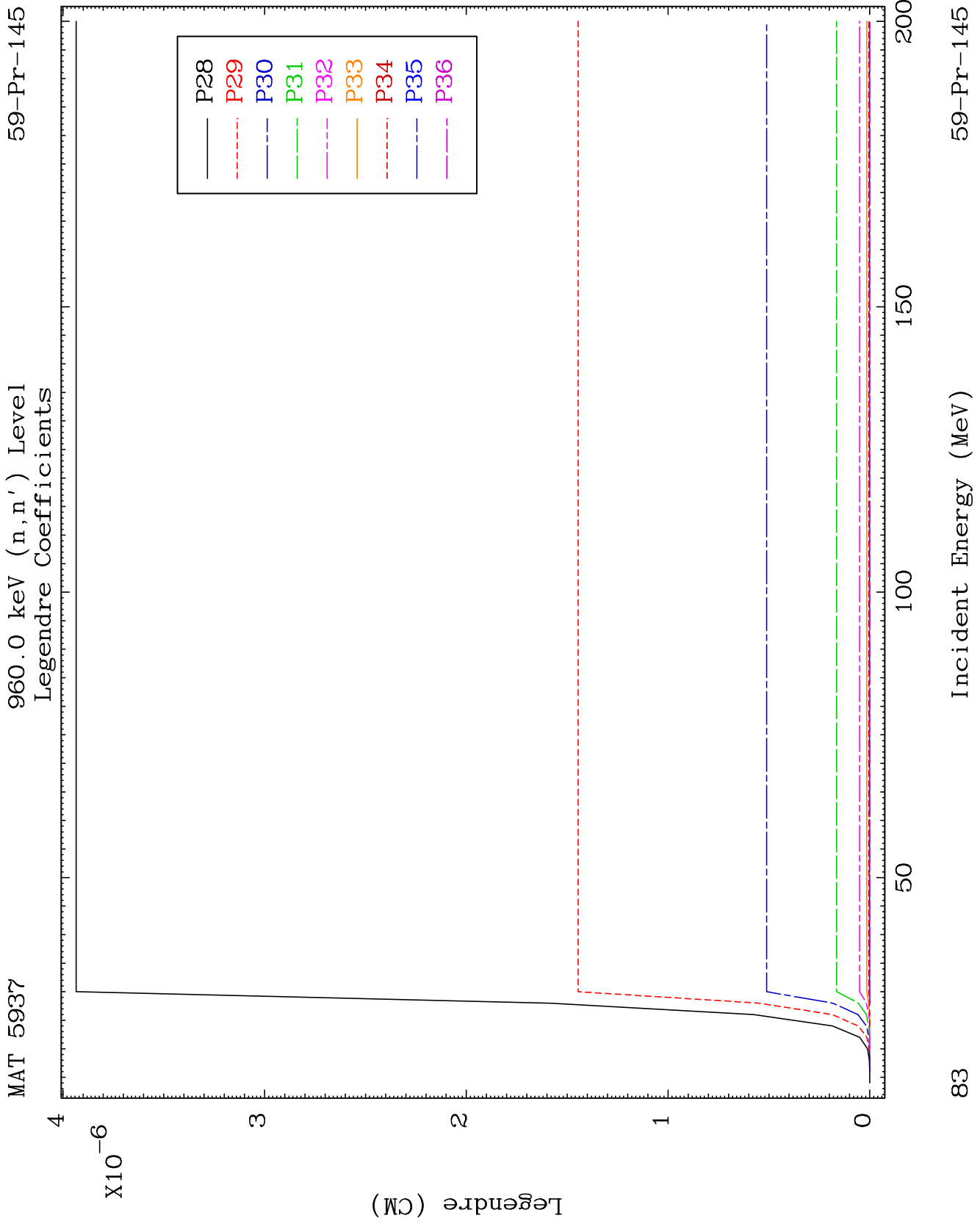
59-Pr-145



82

Incident Energy (MeV)

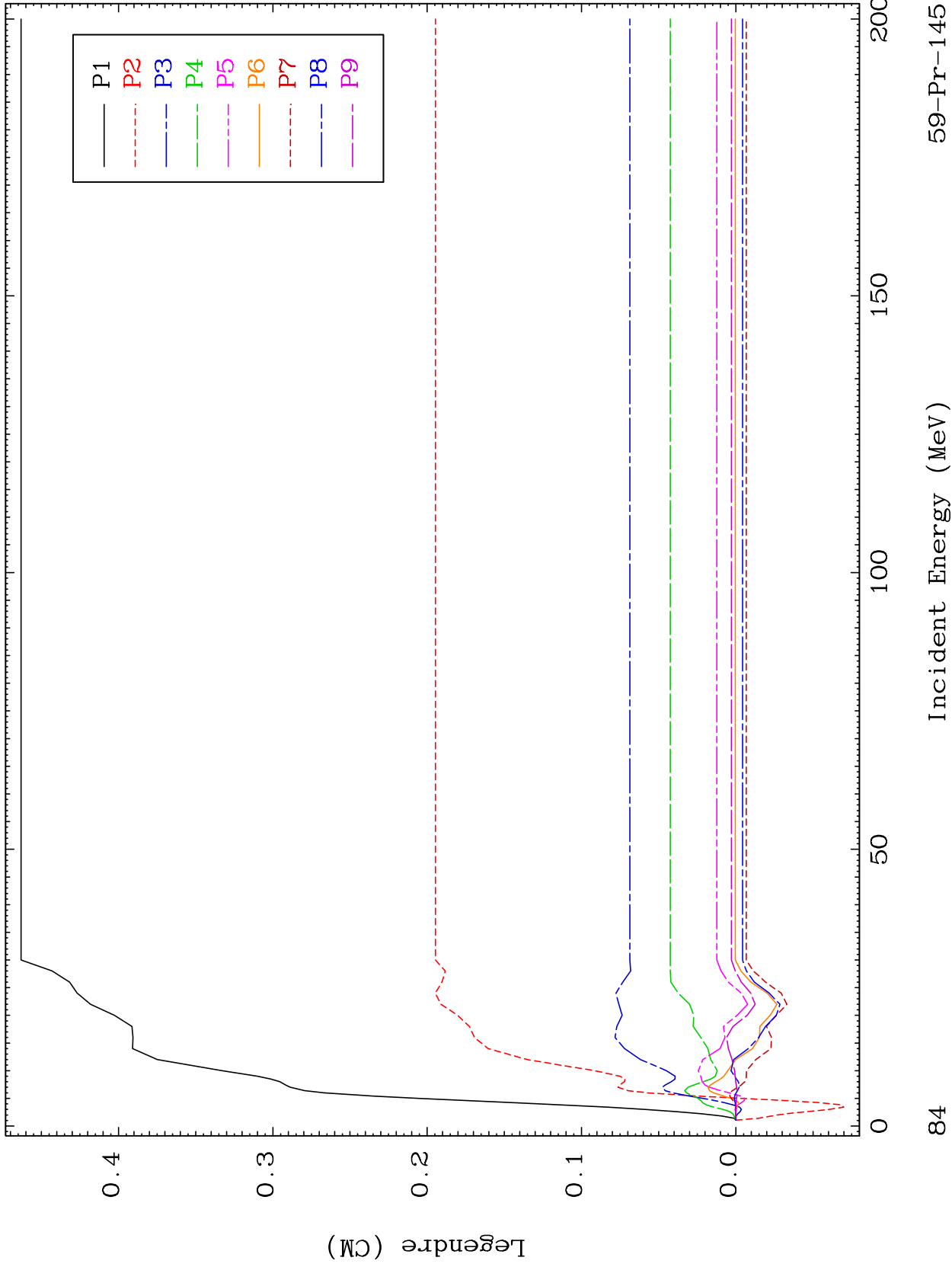
59-Pr-145



MAT 5937

1.047 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

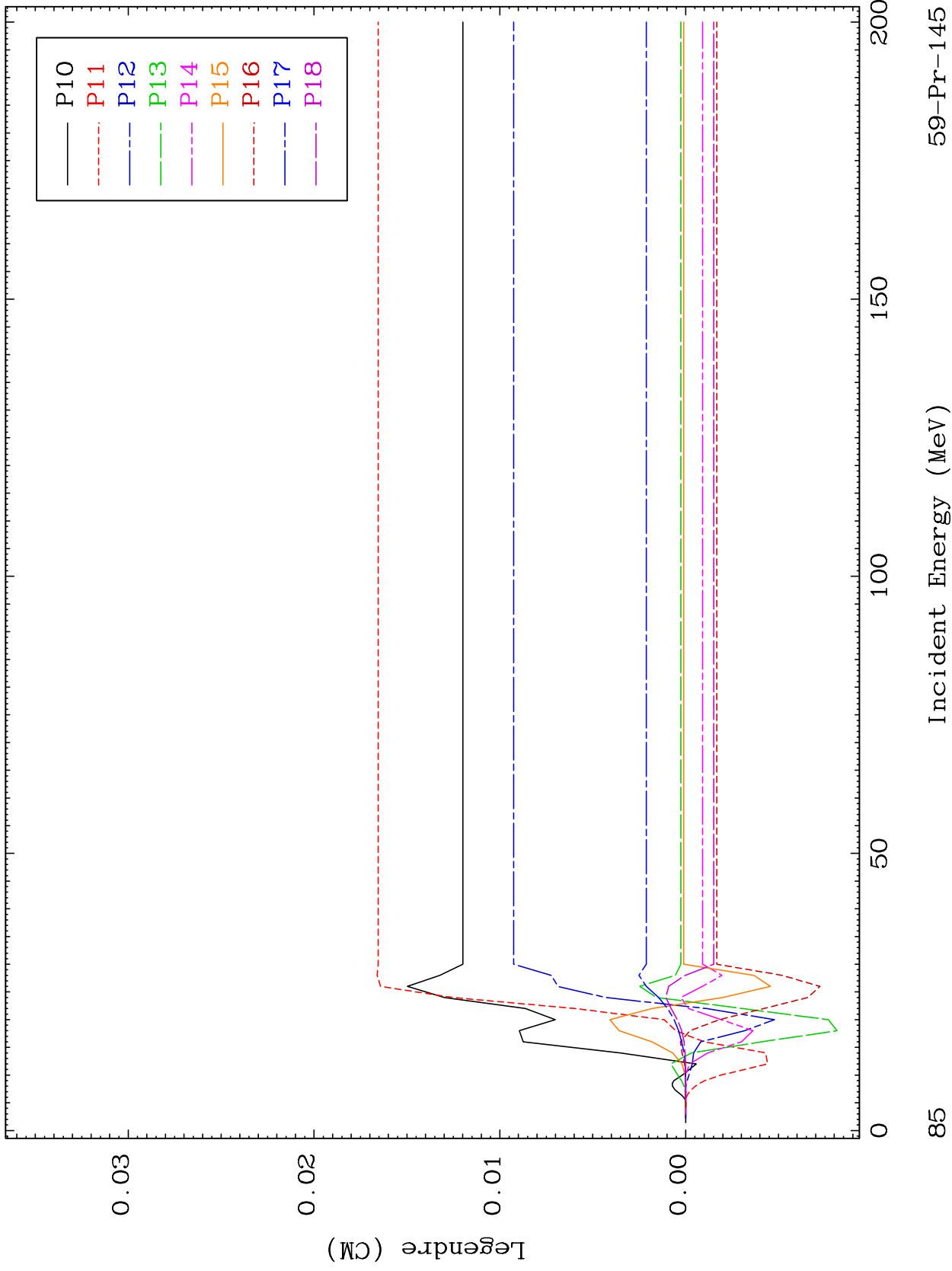
Incident Energy (MeV)

84

MAT 5937

1.047 MeV (n,n') Level
Legendre Coefficients

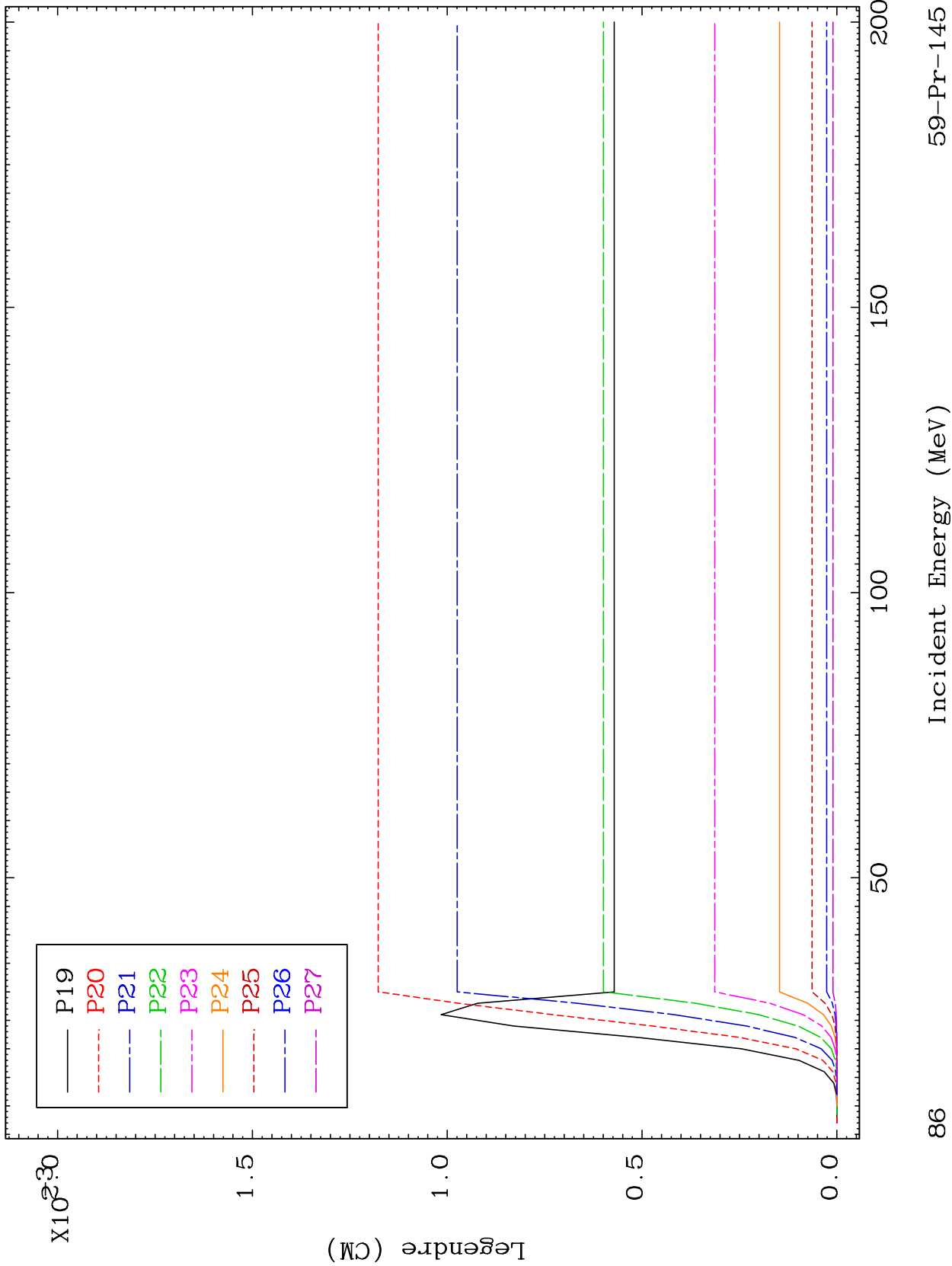
59-Pr-145



59-Pr-145

Incident Energy (MeV)

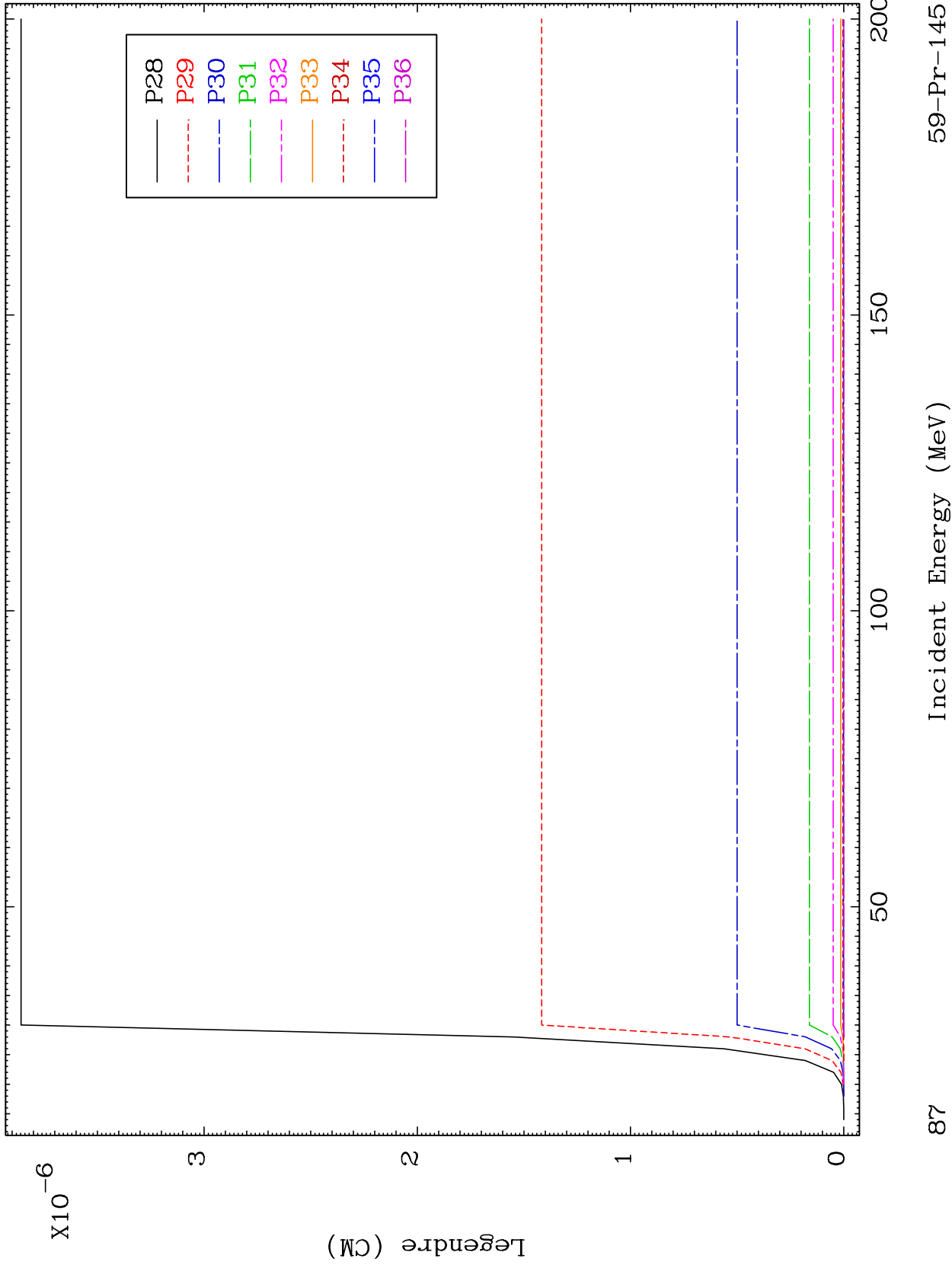
85



MAT 5937

1.047 MeV (n,n') Level
Legendre Coefficients

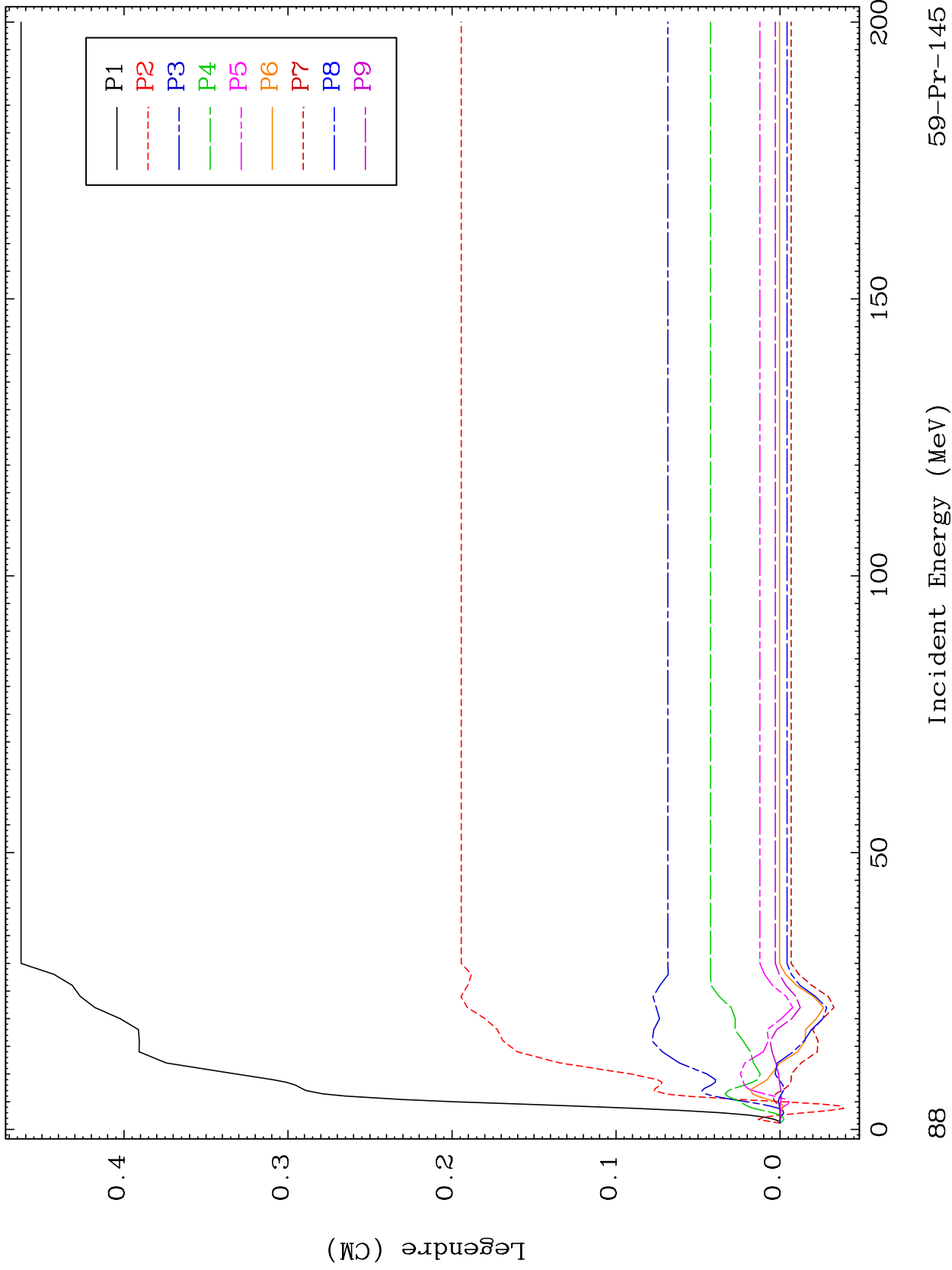
59-Pr-145



MAT 5937

1.111 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



88

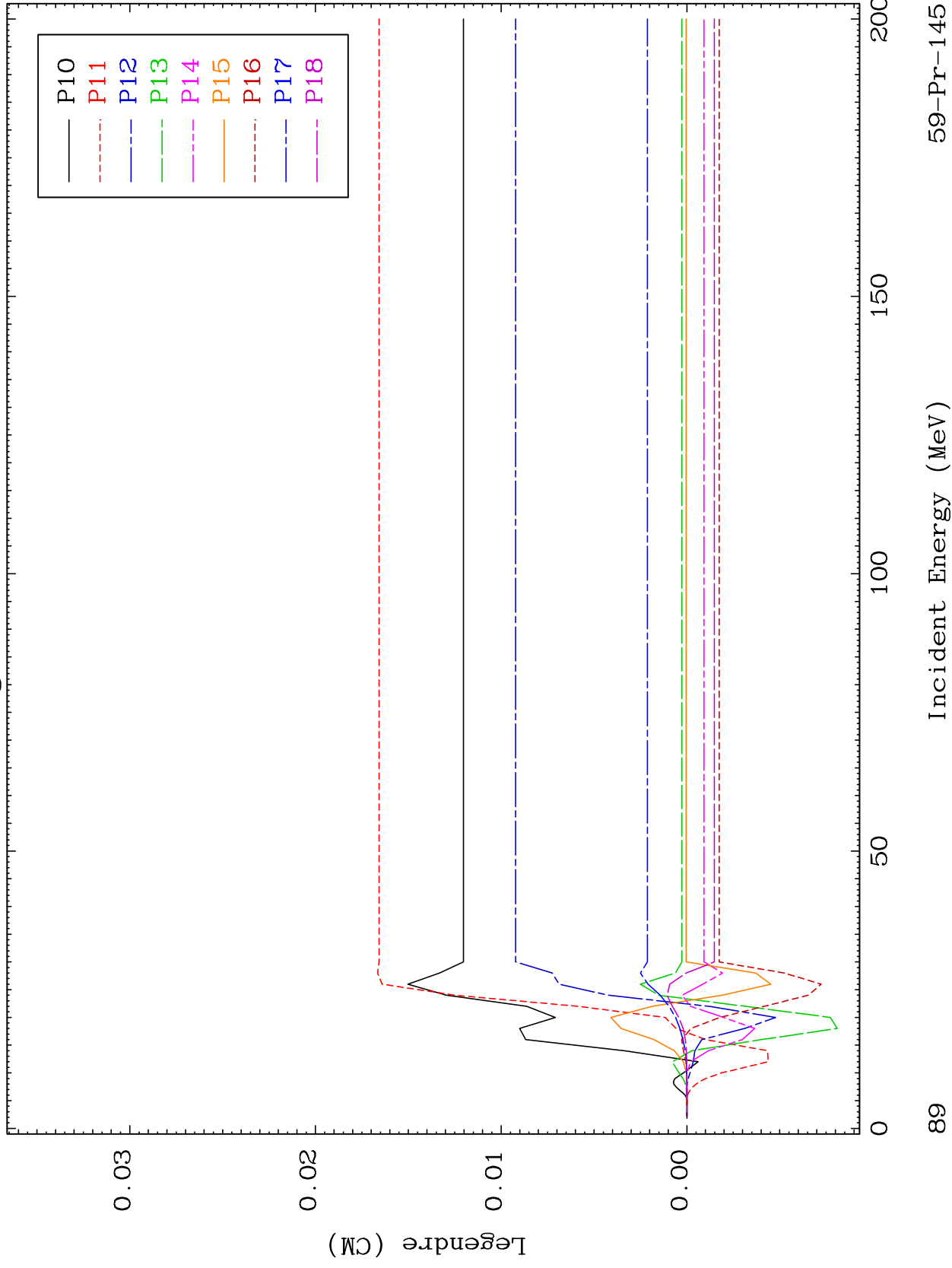
Incident Energy (MeV)

59-Pr-145

MAT 5937

1.111 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

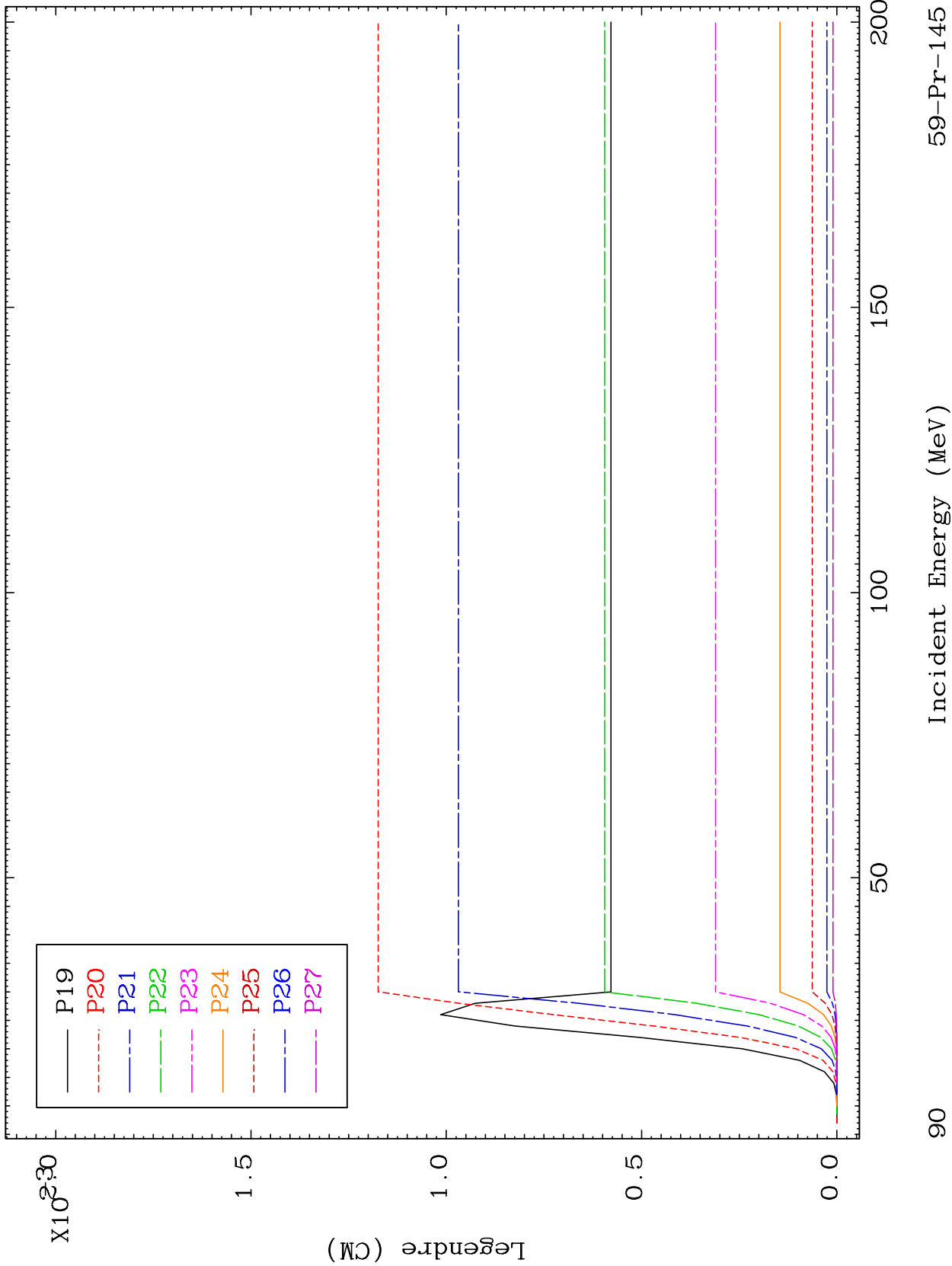
Incident Energy (MeV)

89

MAT 5937

1.111 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



90

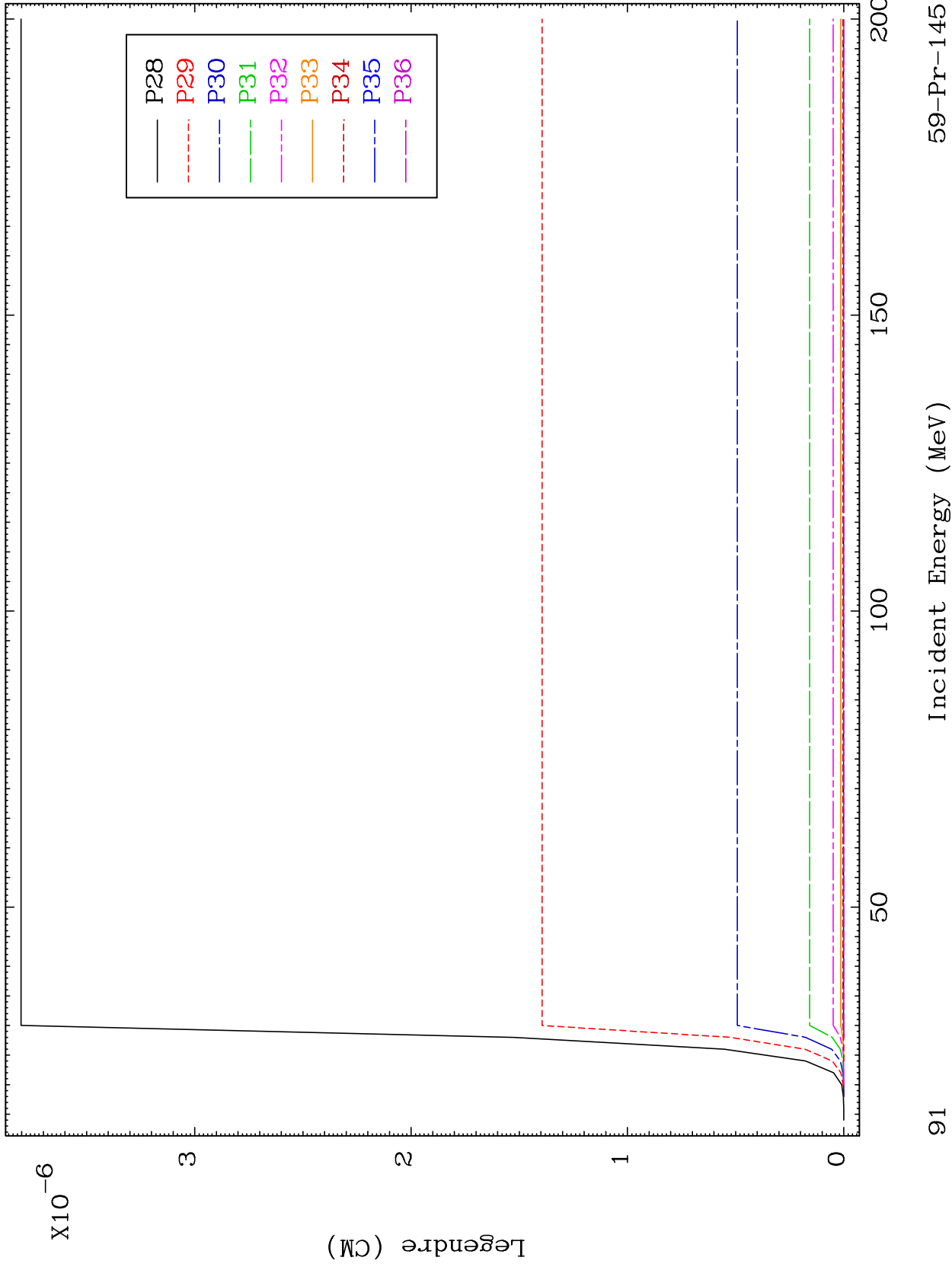
Incident Energy (MeV)

59-Pr-145

MAT 5937

1.111 MeV (n,n') Level
Legendre Coefficients

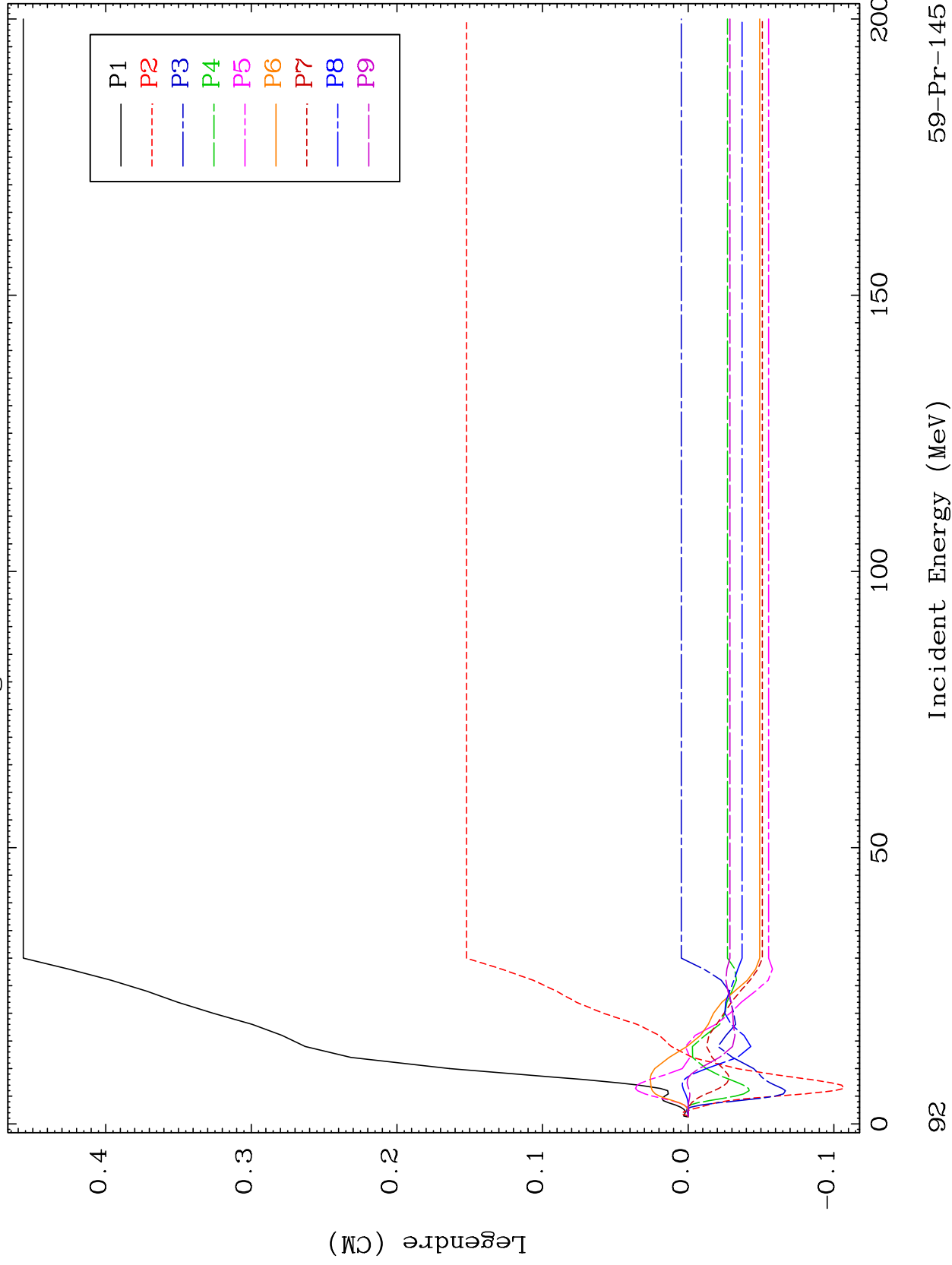
59-Pr-145



MAT 5937

1.211 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

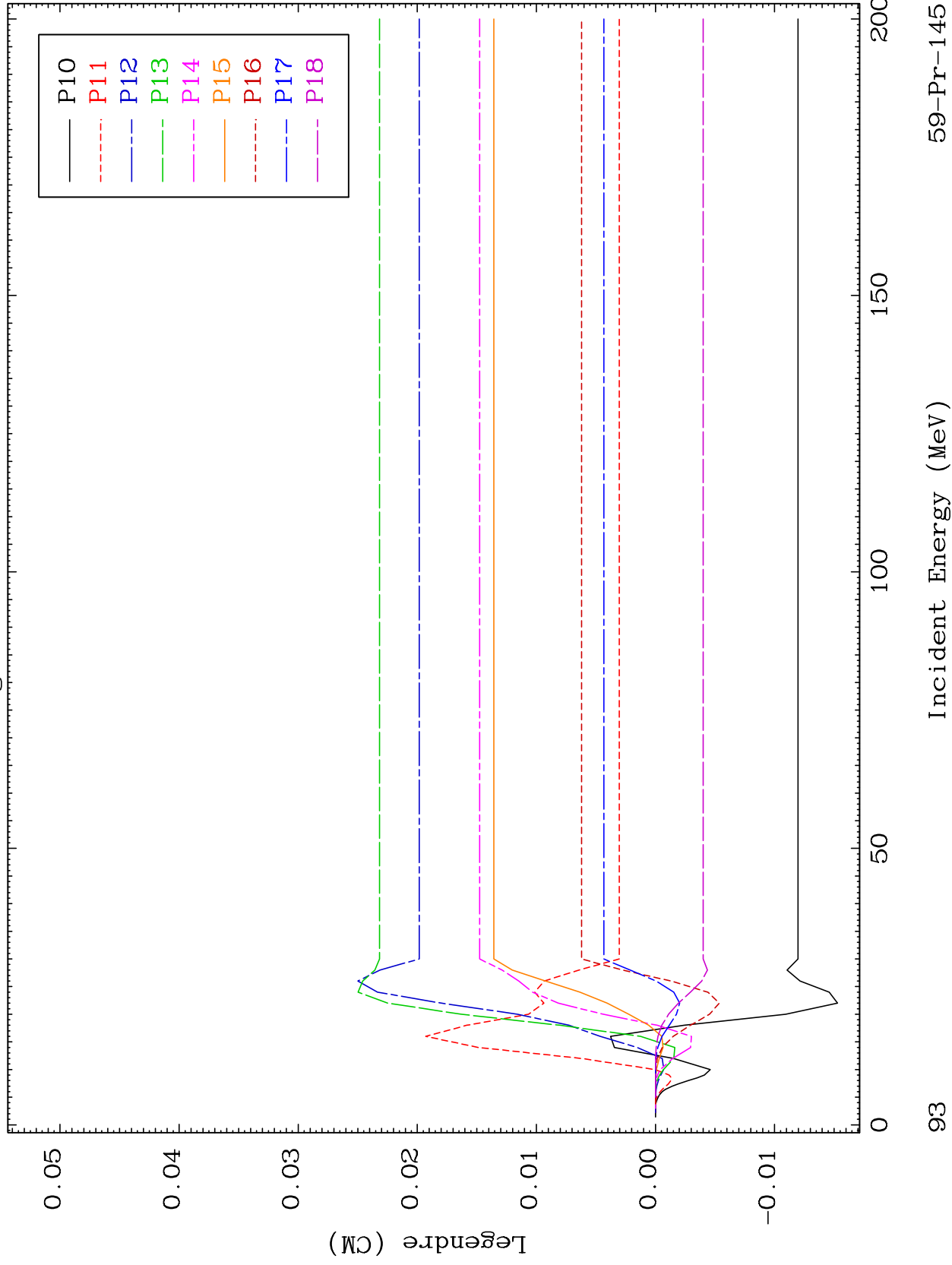
Incident Energy (MeV)

92

MAT 5937

1.211 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



93

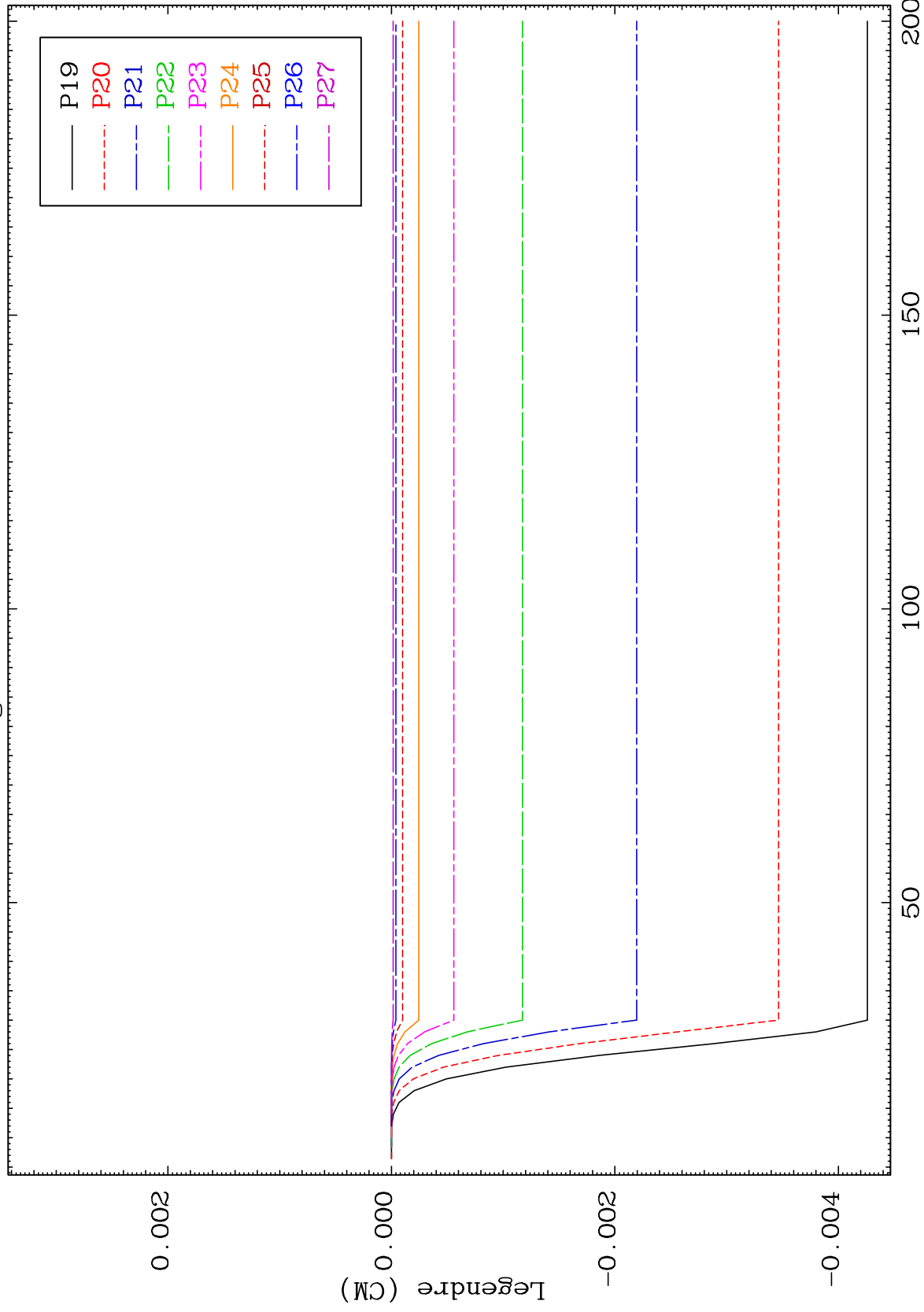
Incident Energy (MeV)

59-Pr-145

MAT 5937

1.211 MeV (n,n') Level
Legendre Coefficients

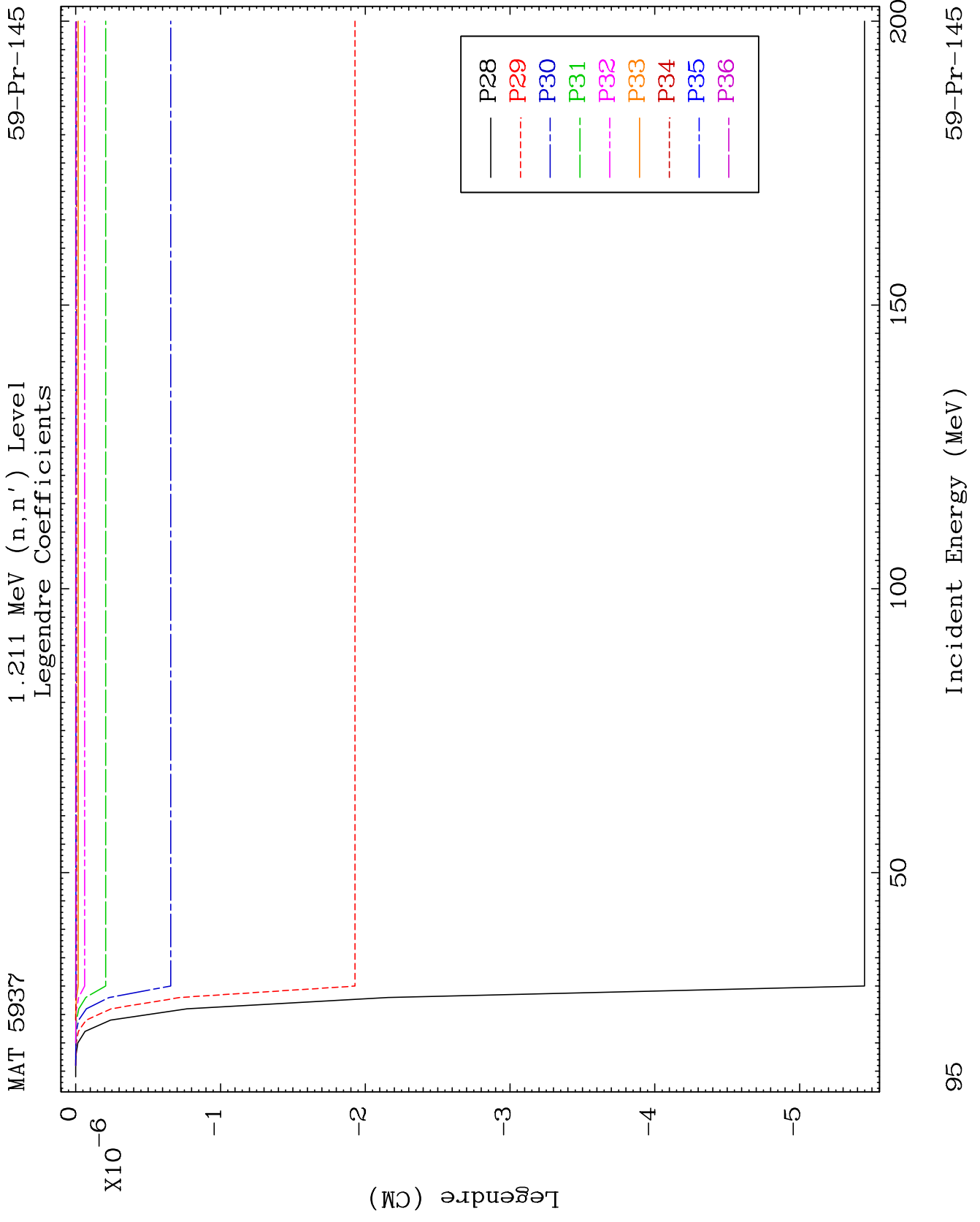
59-Pr-145

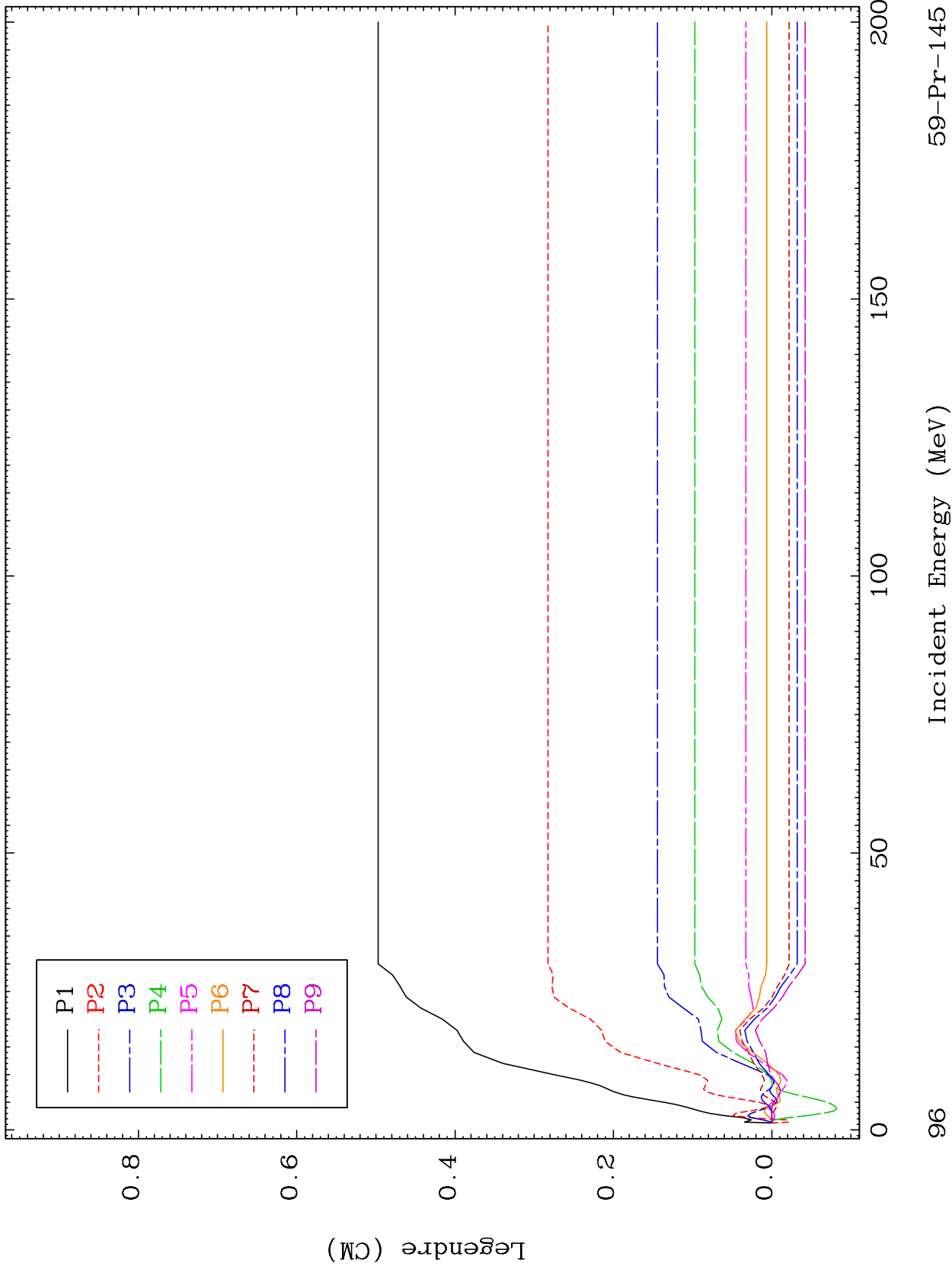


94

Incident Energy (MeV)

59-Pr-145

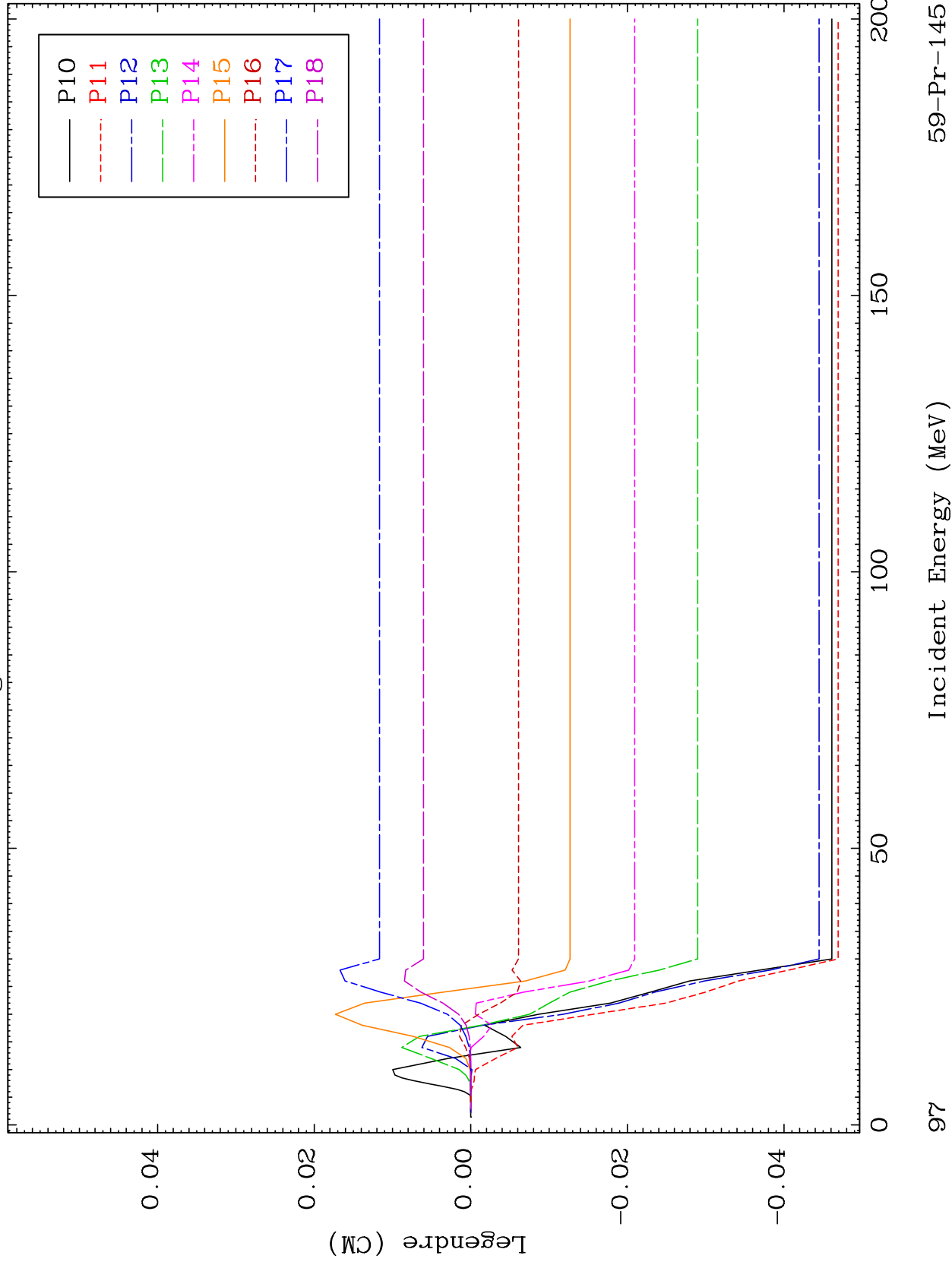




MAT 5937

1.244 MeV (n,n') Level
Legendre Coefficients

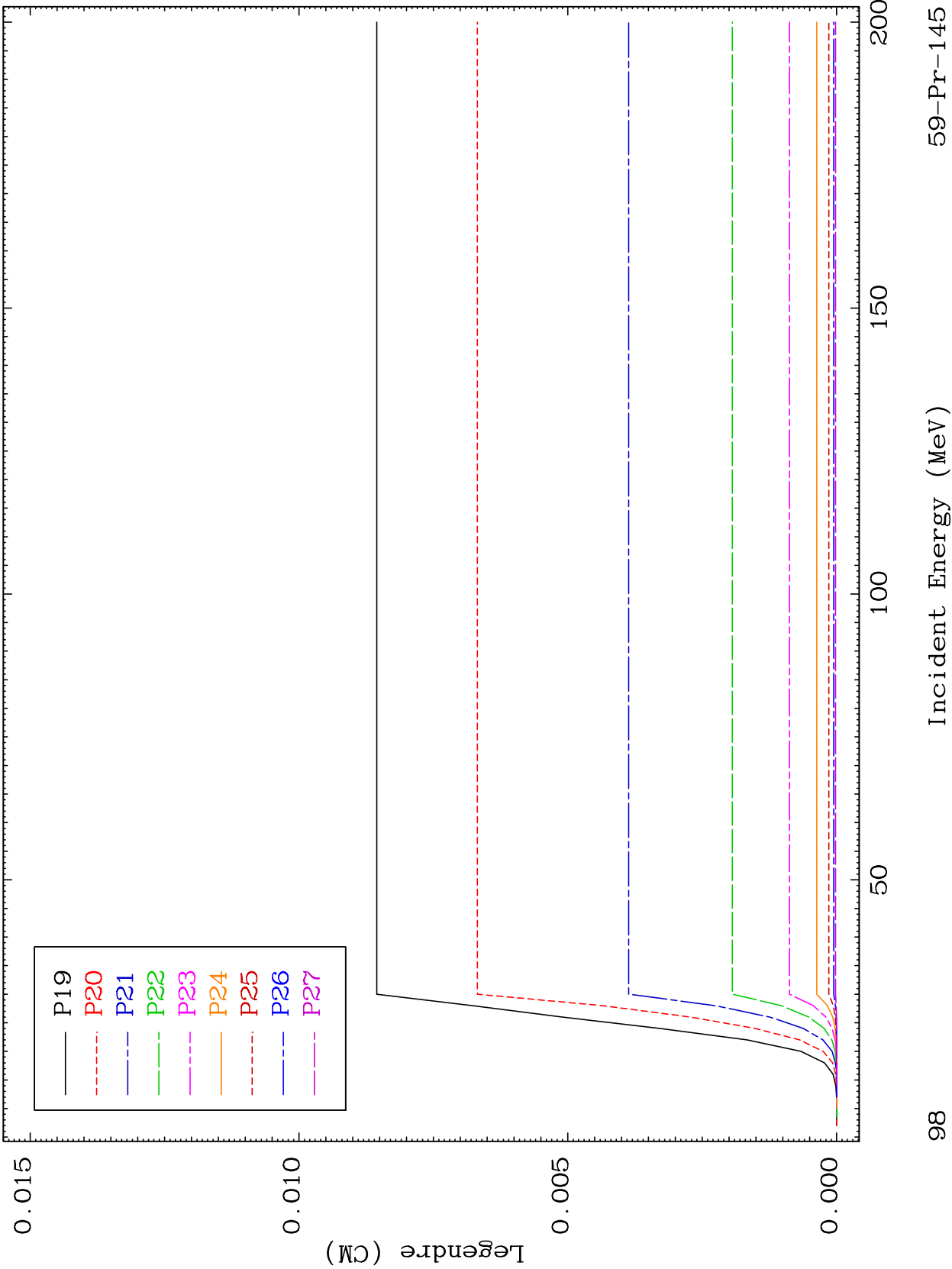
59-Pr-145



97

Incident Energy (MeV)

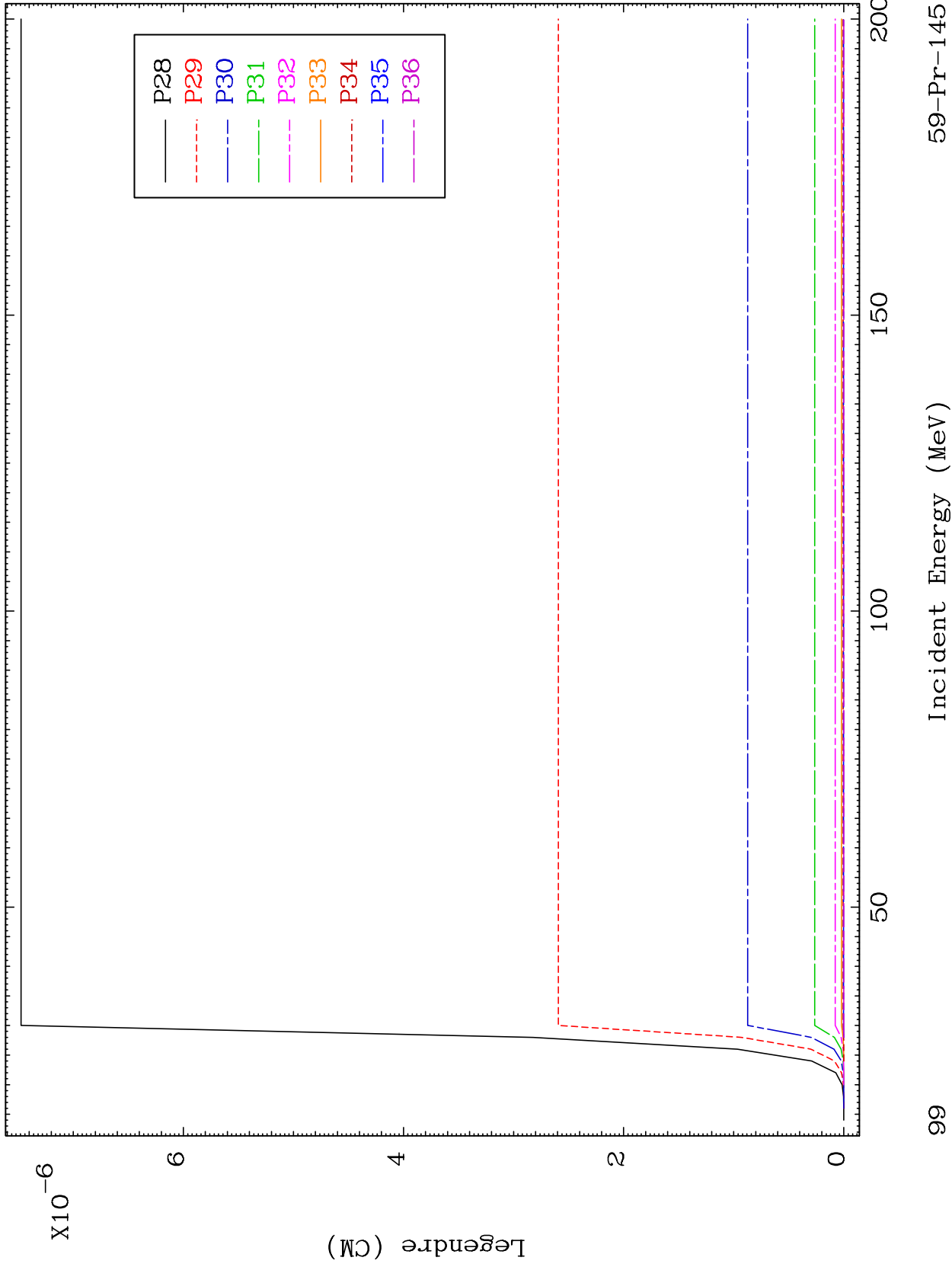
59-Pr-145



MAT 5937

1.244 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



99

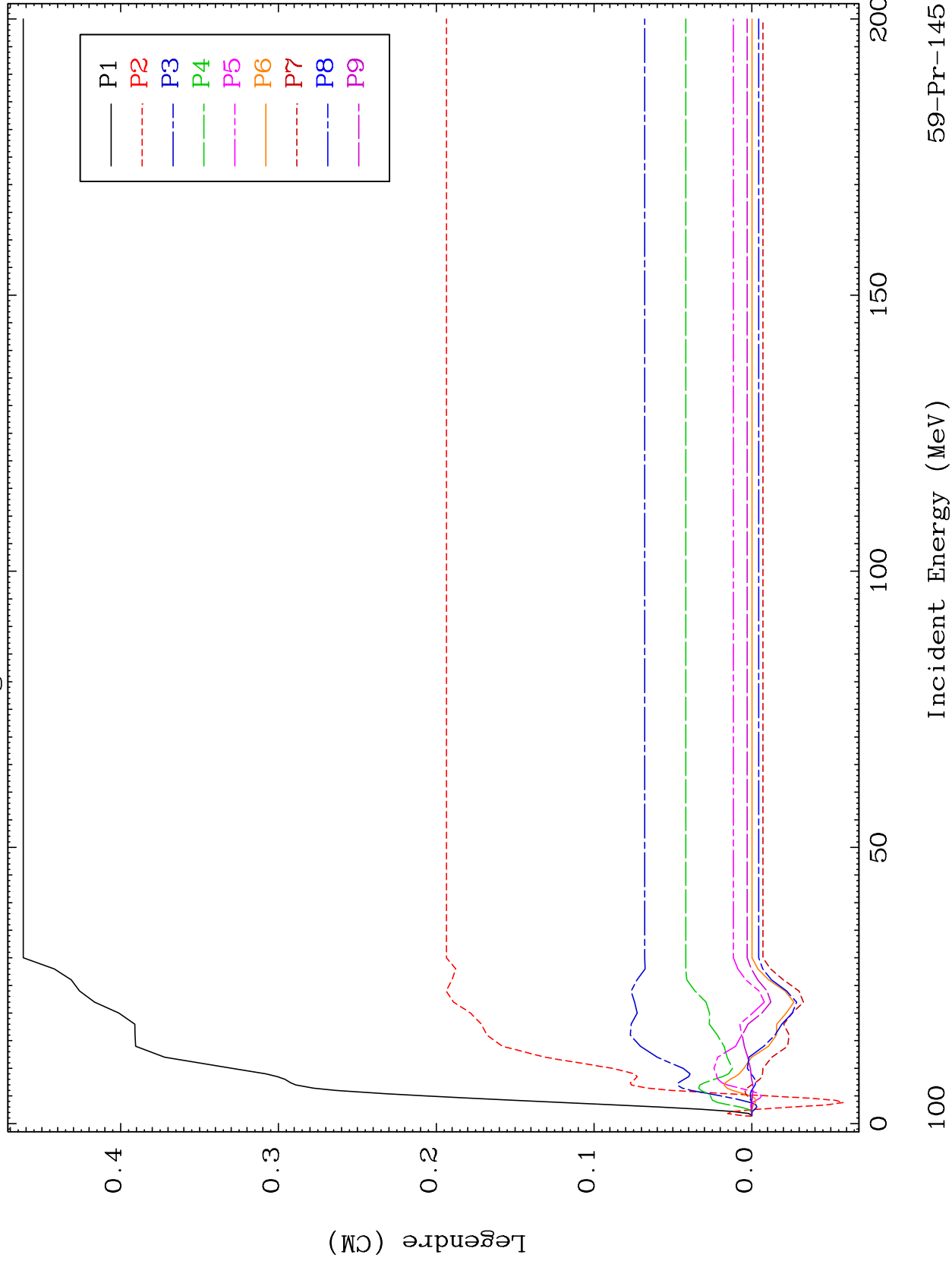
Incident Energy (MeV)

59-Pr-145

MAT 5937

1.318 MeV (n,n') Level
Legendre Coefficients

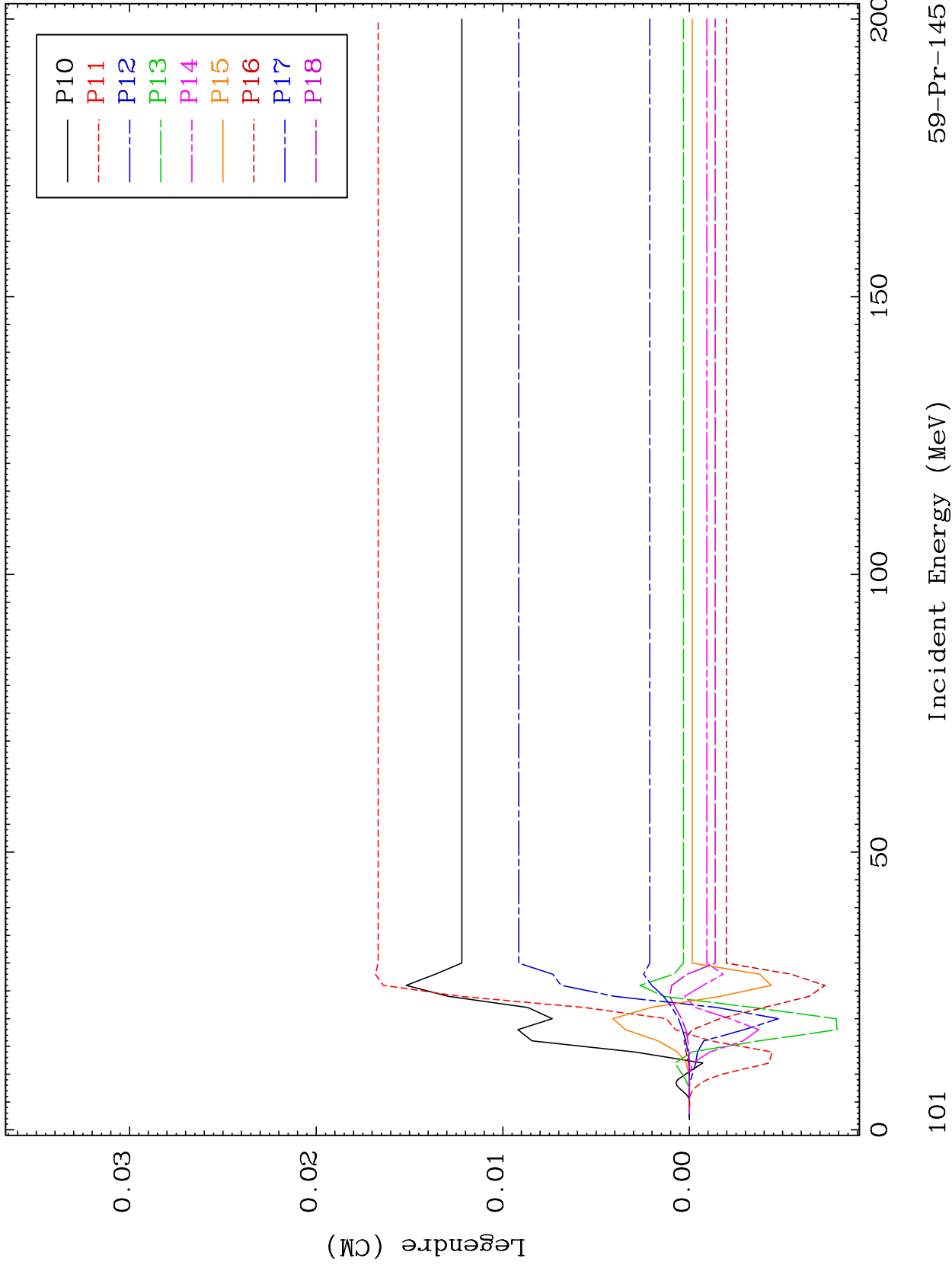
59-Pr-145



MAT 5937

1.318 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

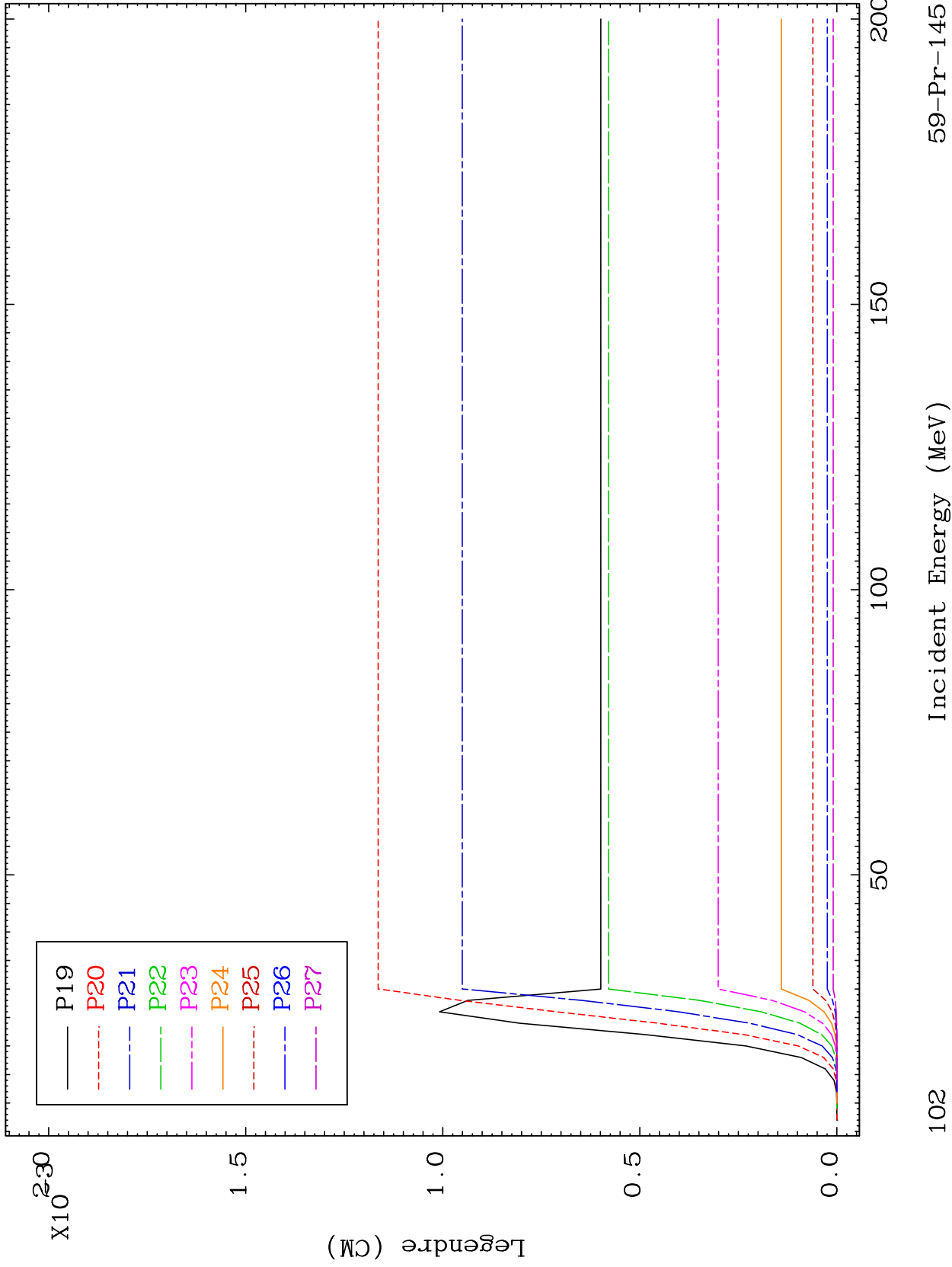
Incident Energy (MeV)

101

MAT 5937

1.318 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



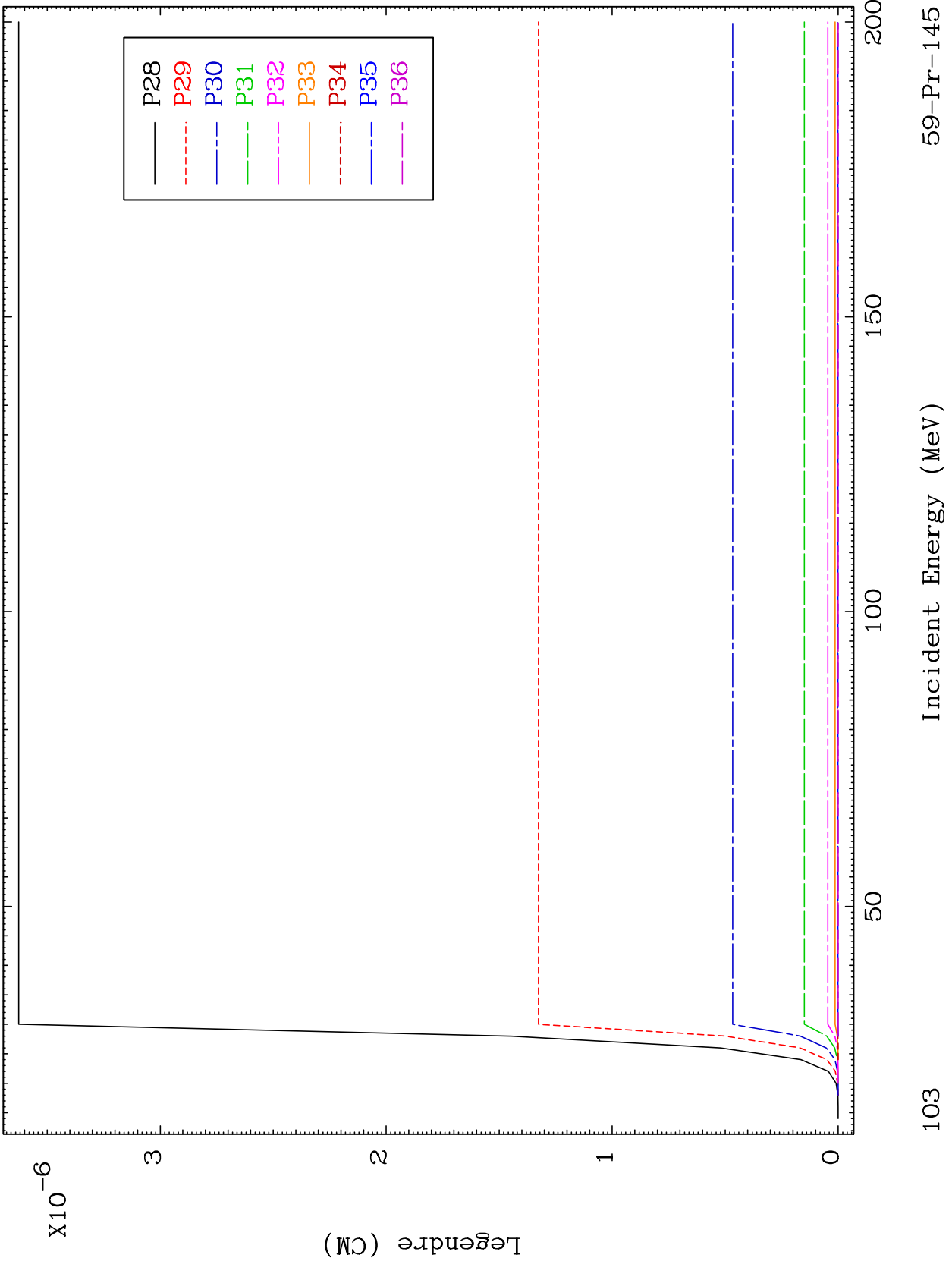
102

59-Pr-145

MAT 5937

1.318 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



103

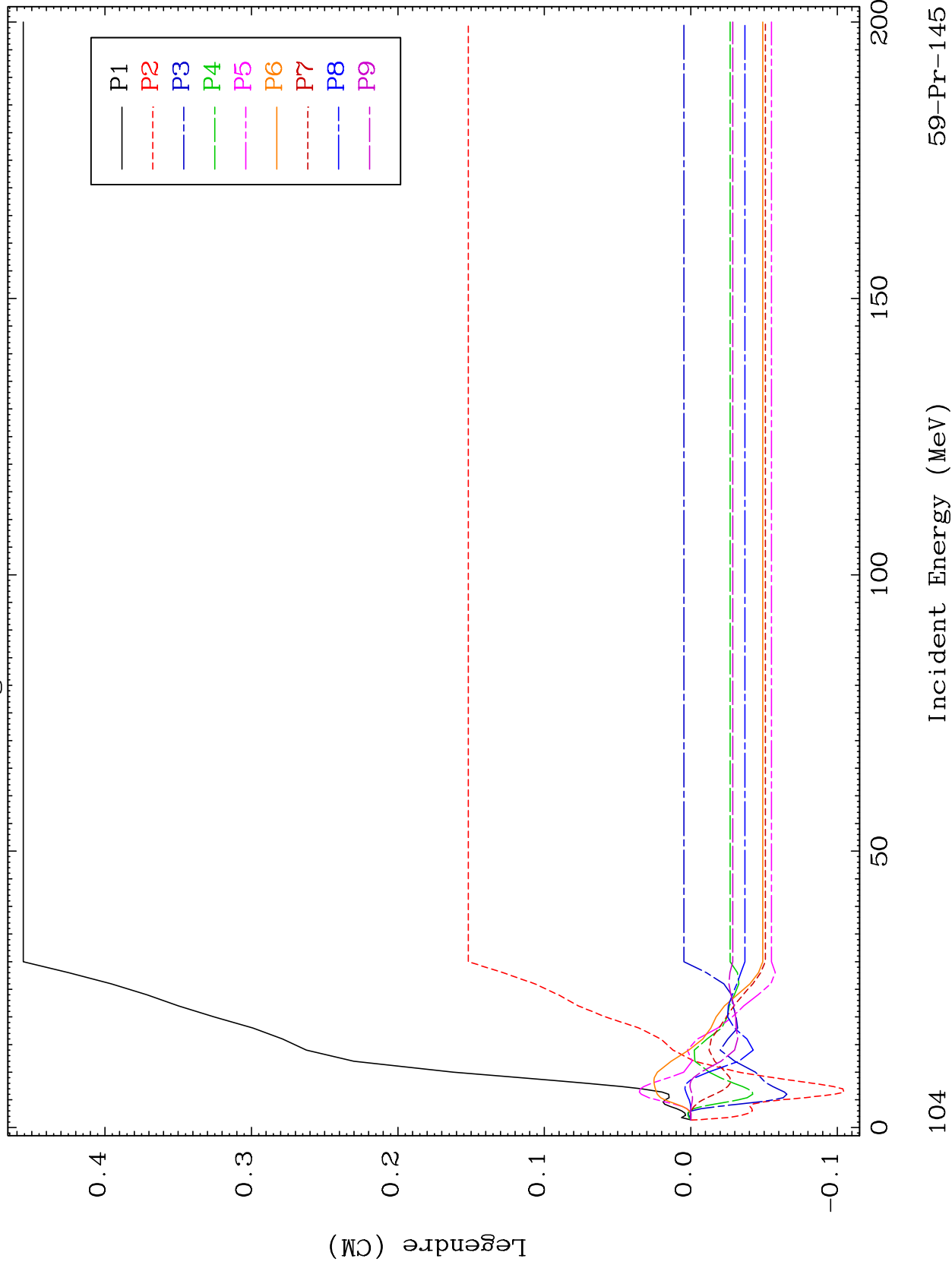
Incident Energy (MeV)

59-Pr-145

MAT 5937

1.330 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

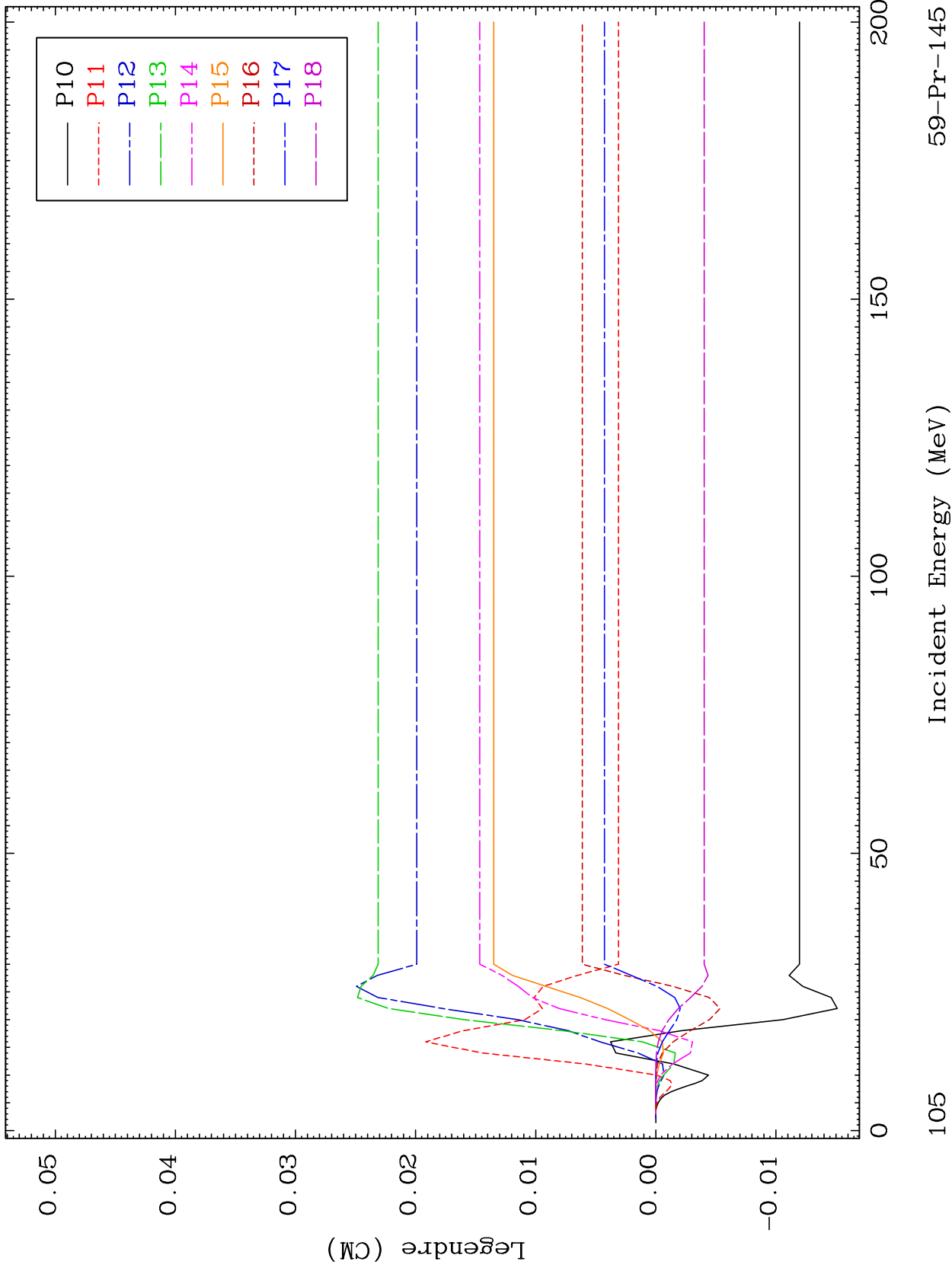
Incident Energy (MeV)

104

MAT 5937

1.330 MeV (n,n') Level
Legendre Coefficients

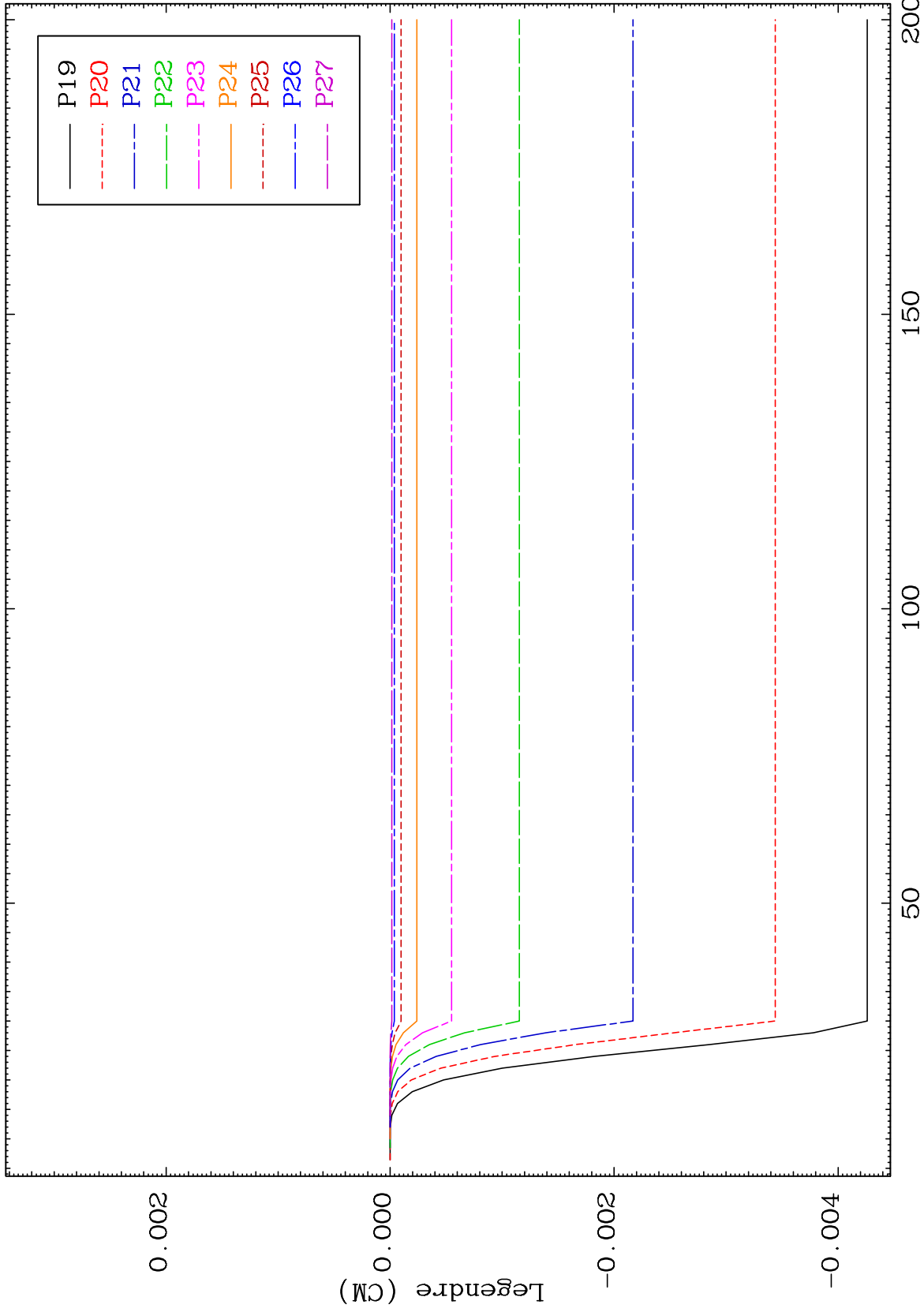
59-Pr-145

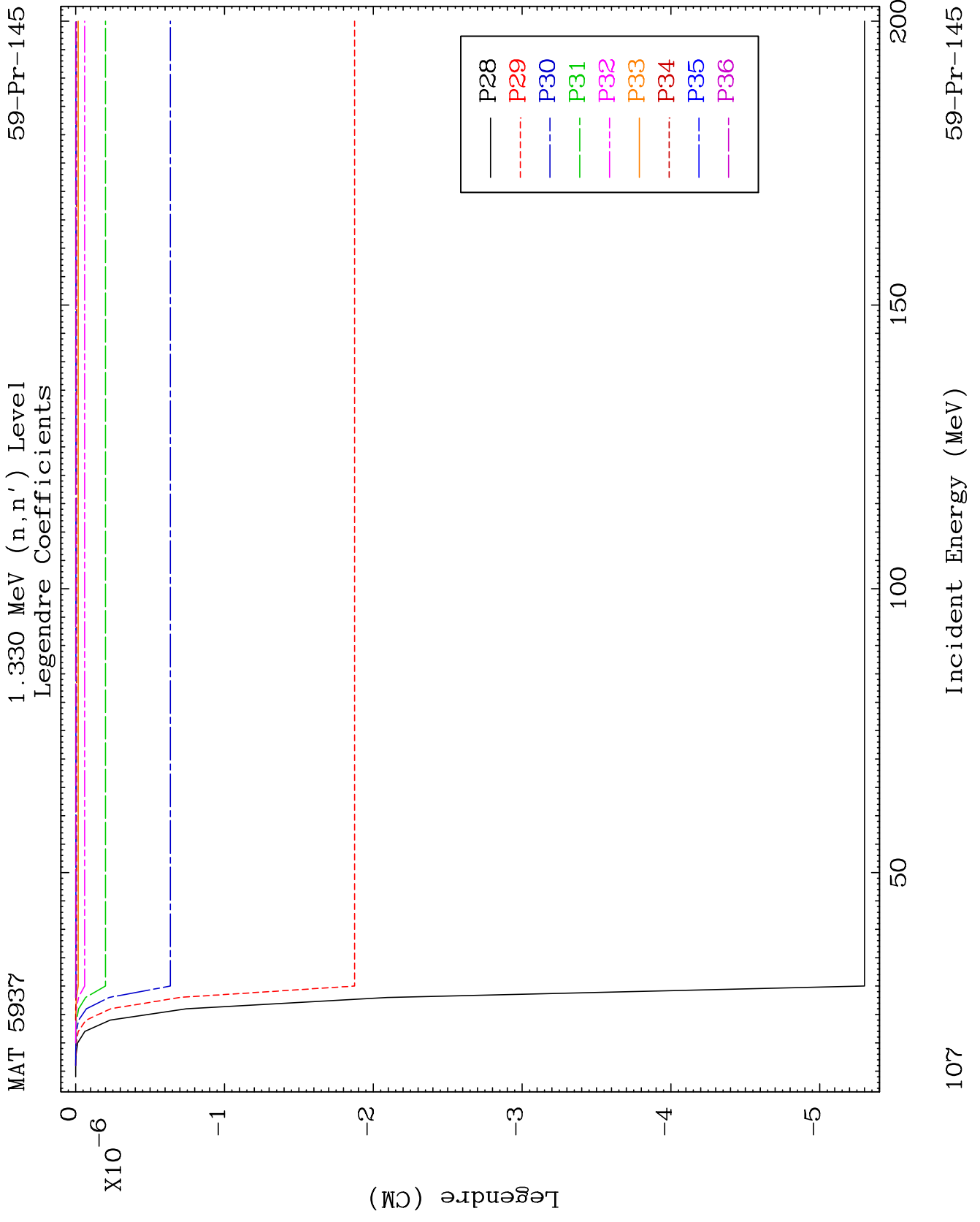


59-Pr-145

Incident Energy (MeV)

105

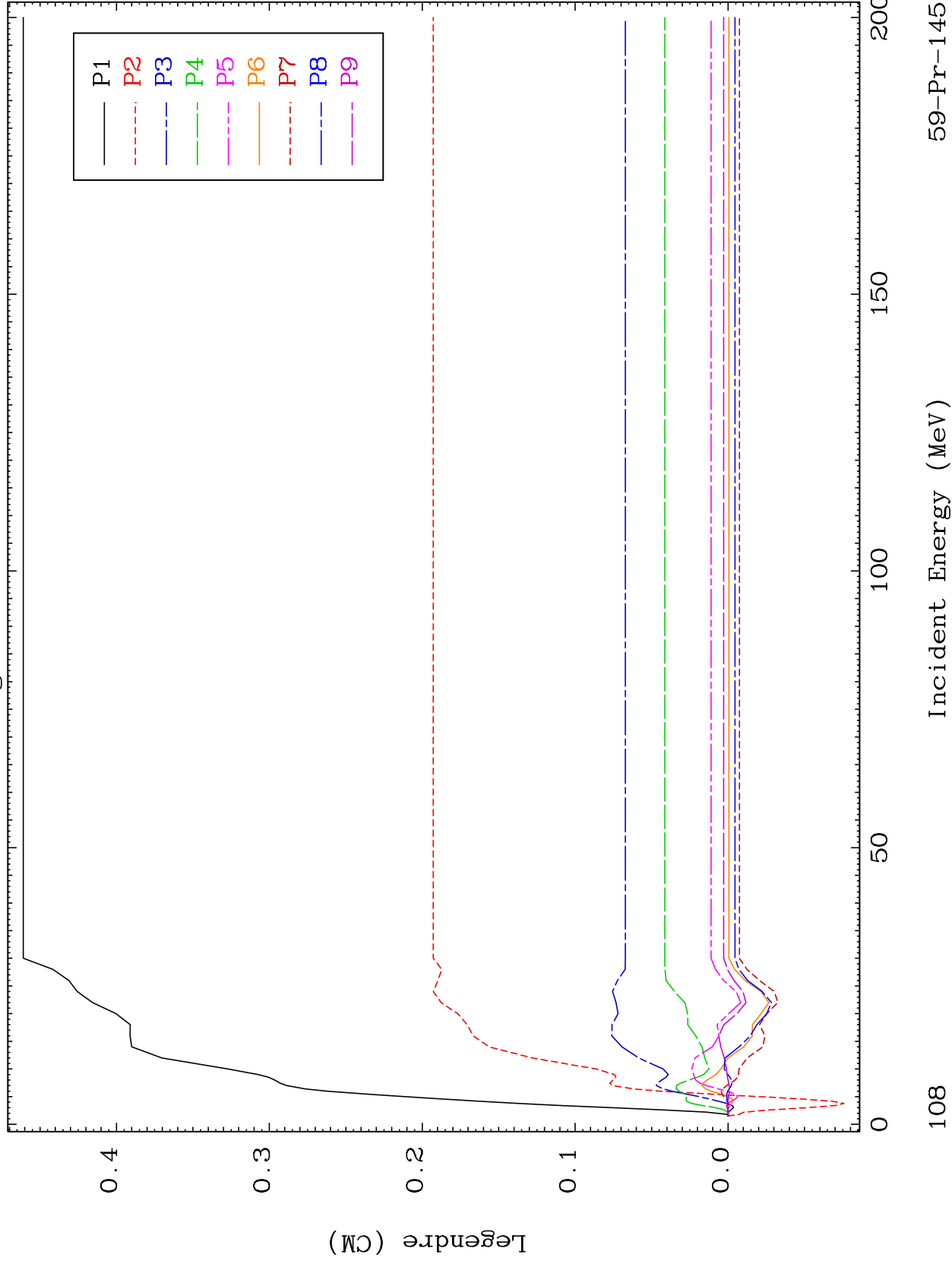




MAT 5937

1.493 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

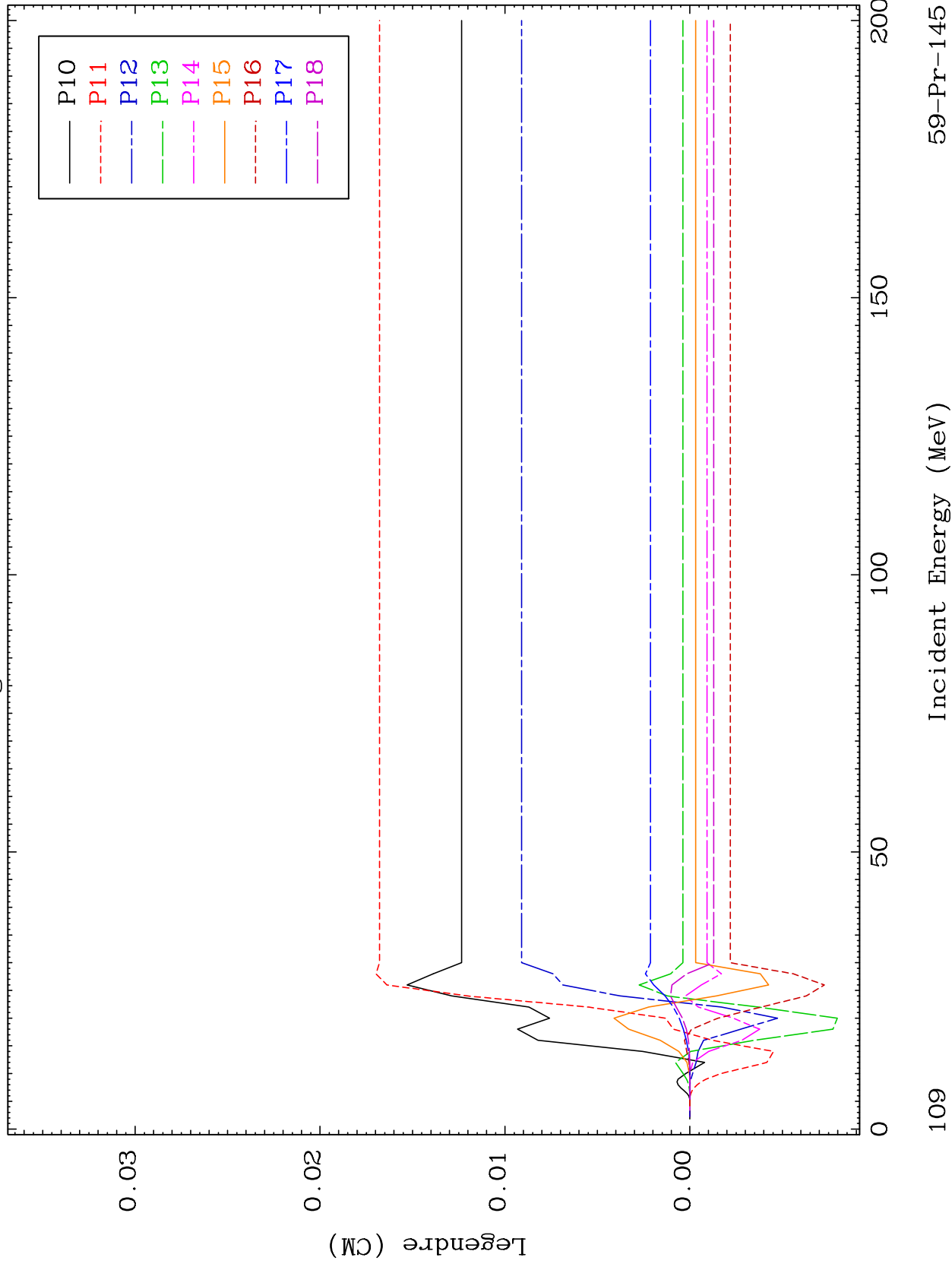
Incident Energy (MeV)

108

MAT 5937

1.493 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

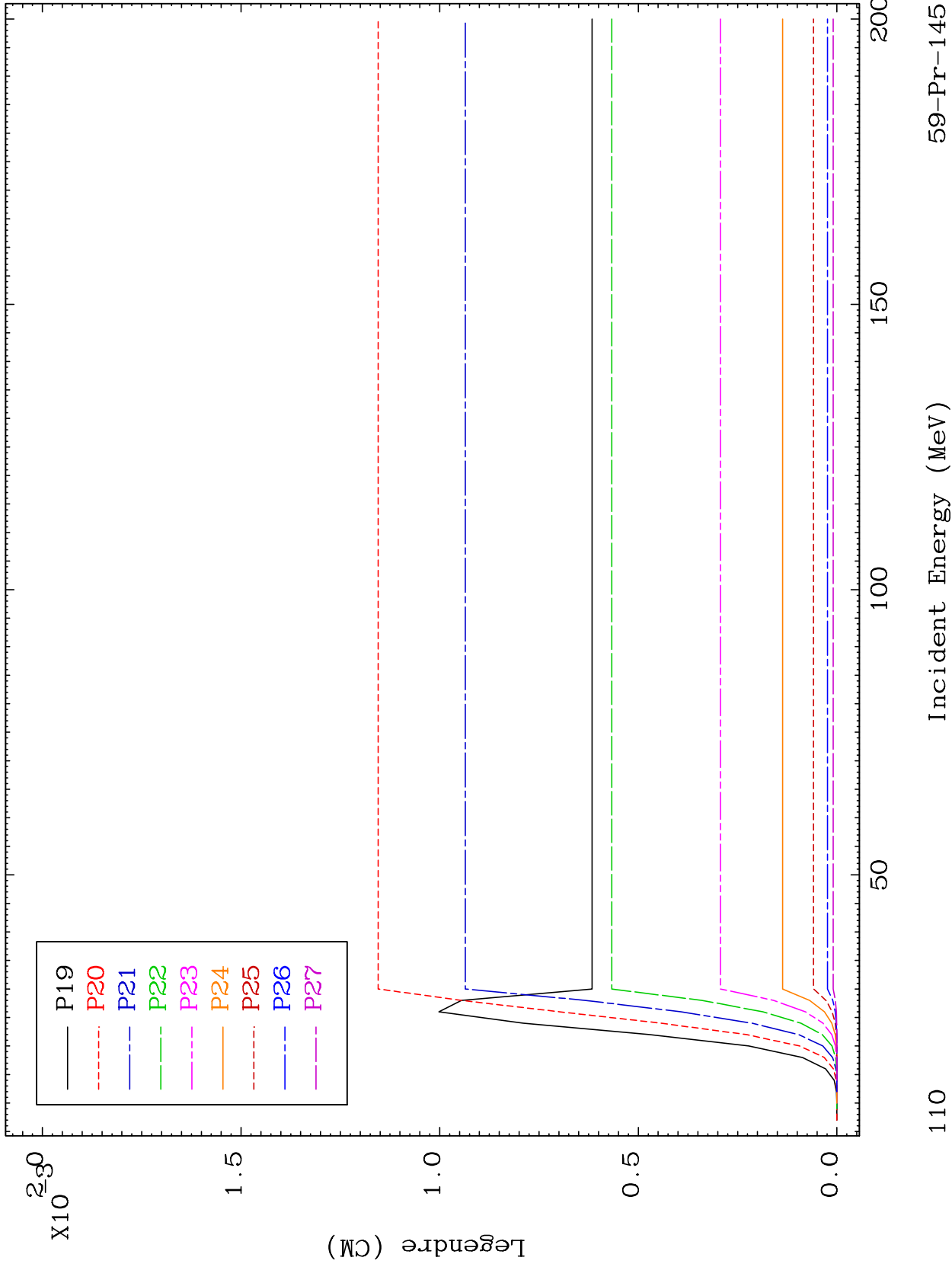
Incident Energy (MeV)

109

MAT 5937

1.493 MeV (n, n') Level
Legendre Coefficients

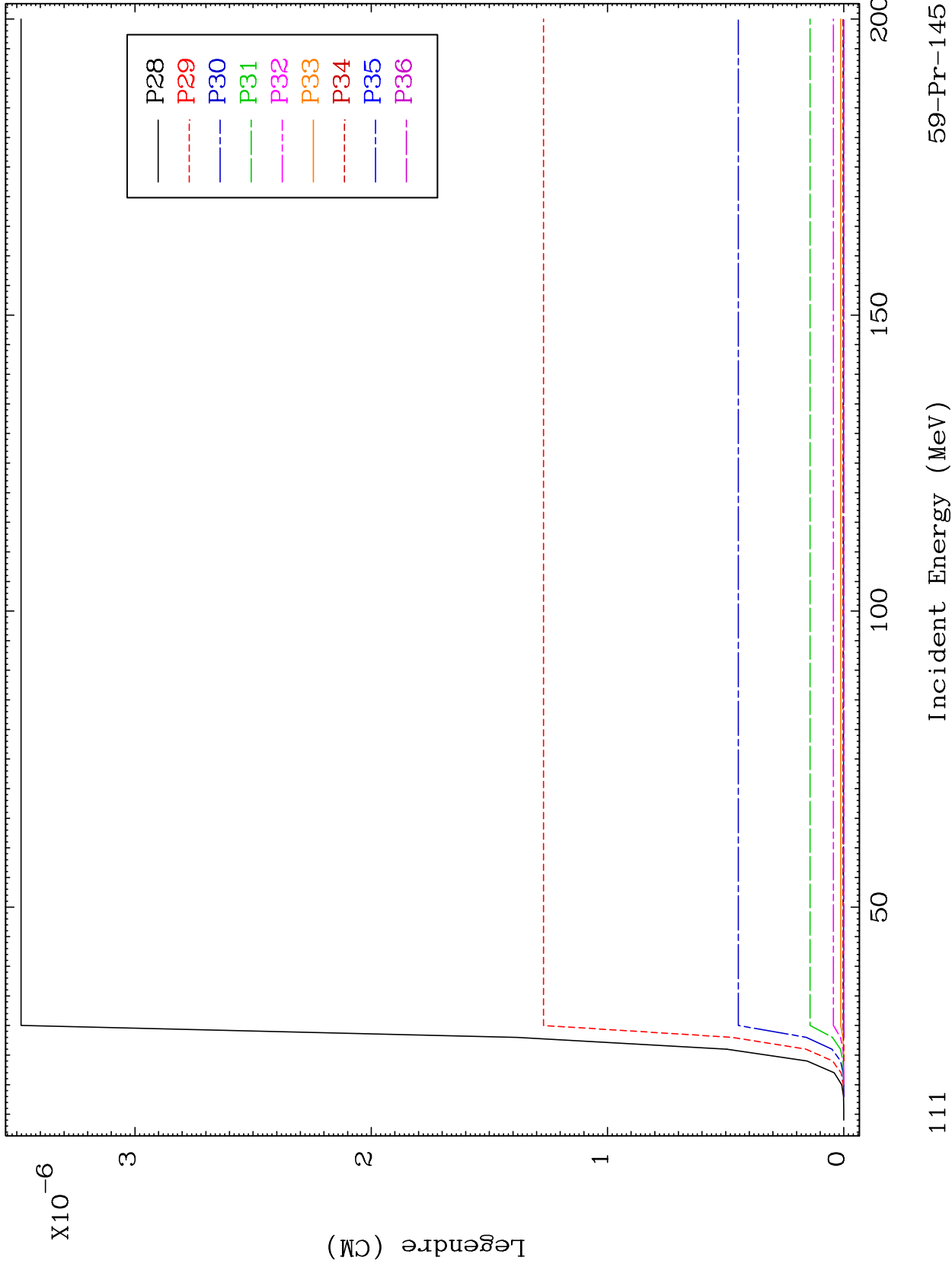
59-Pr-145



MAT 5937

1.493 MeV (n,n') Level
Legendre Coefficients

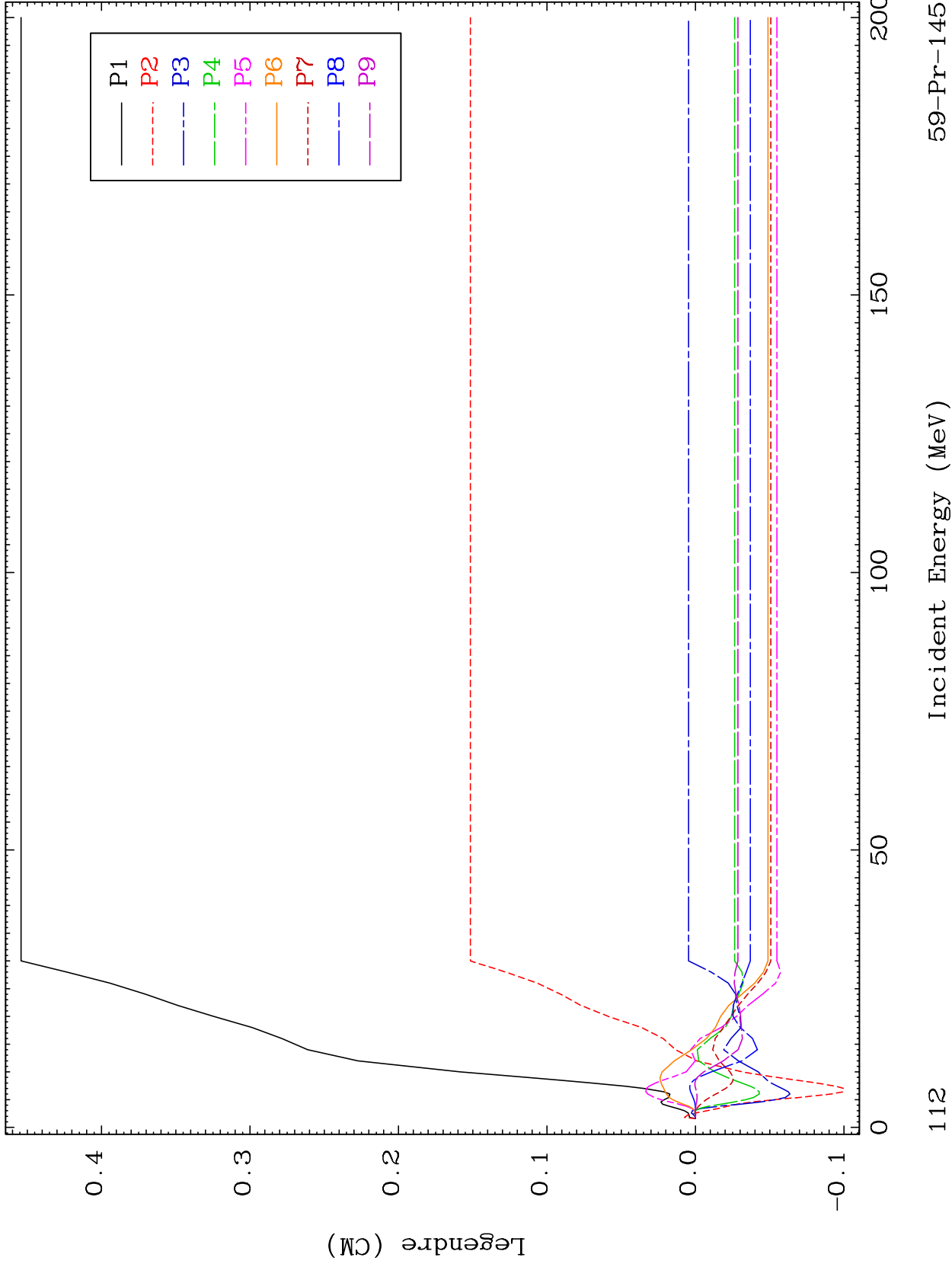
59-Pr-145



MAT 5937

1.560 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

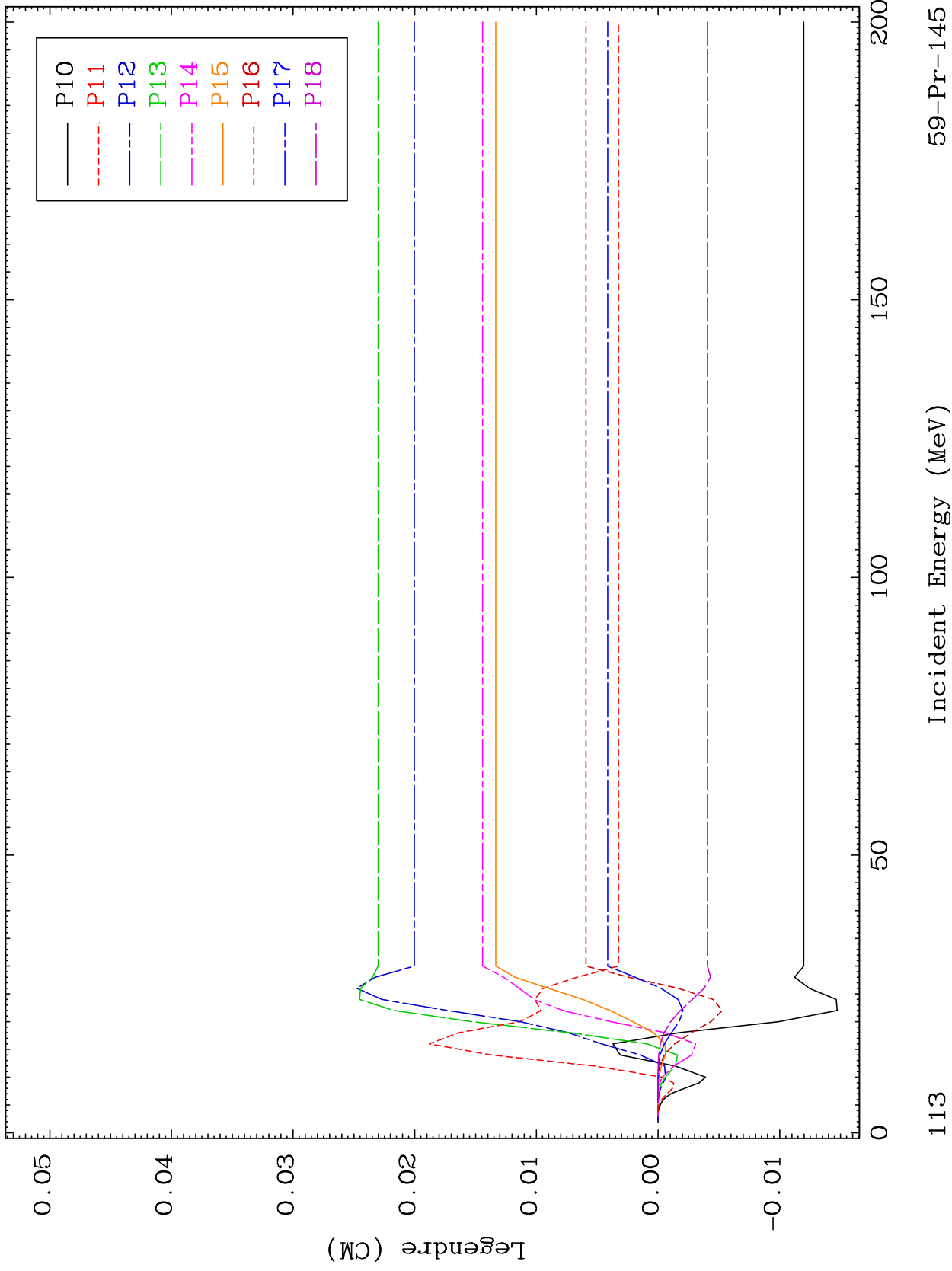
Incident Energy (MeV)

112

MAT 5937

1.560 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



113

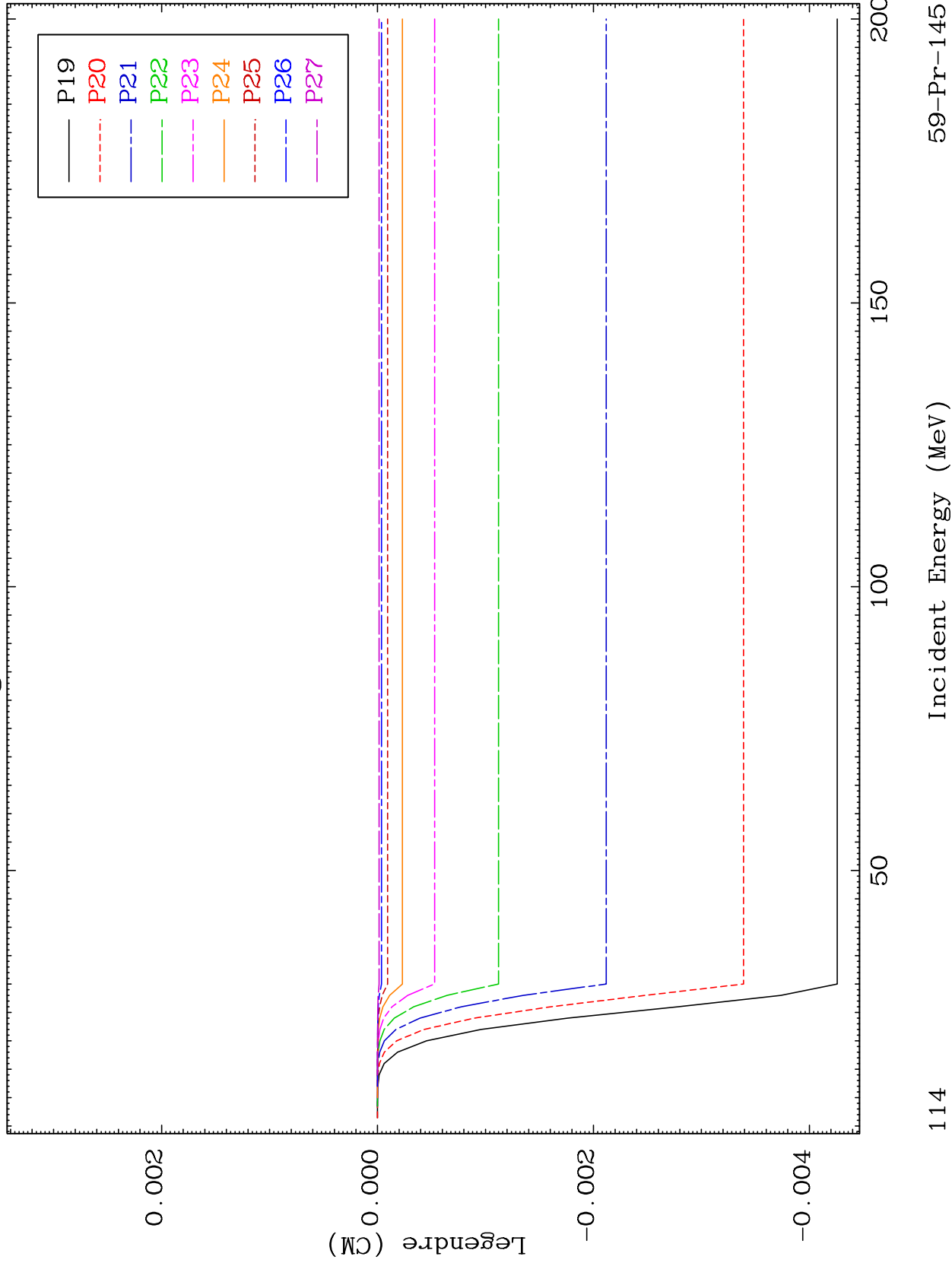
Incident Energy (MeV)

59-Pr-145

MAT 5937

1.560 MeV (n,n') Level
Legendre Coefficients

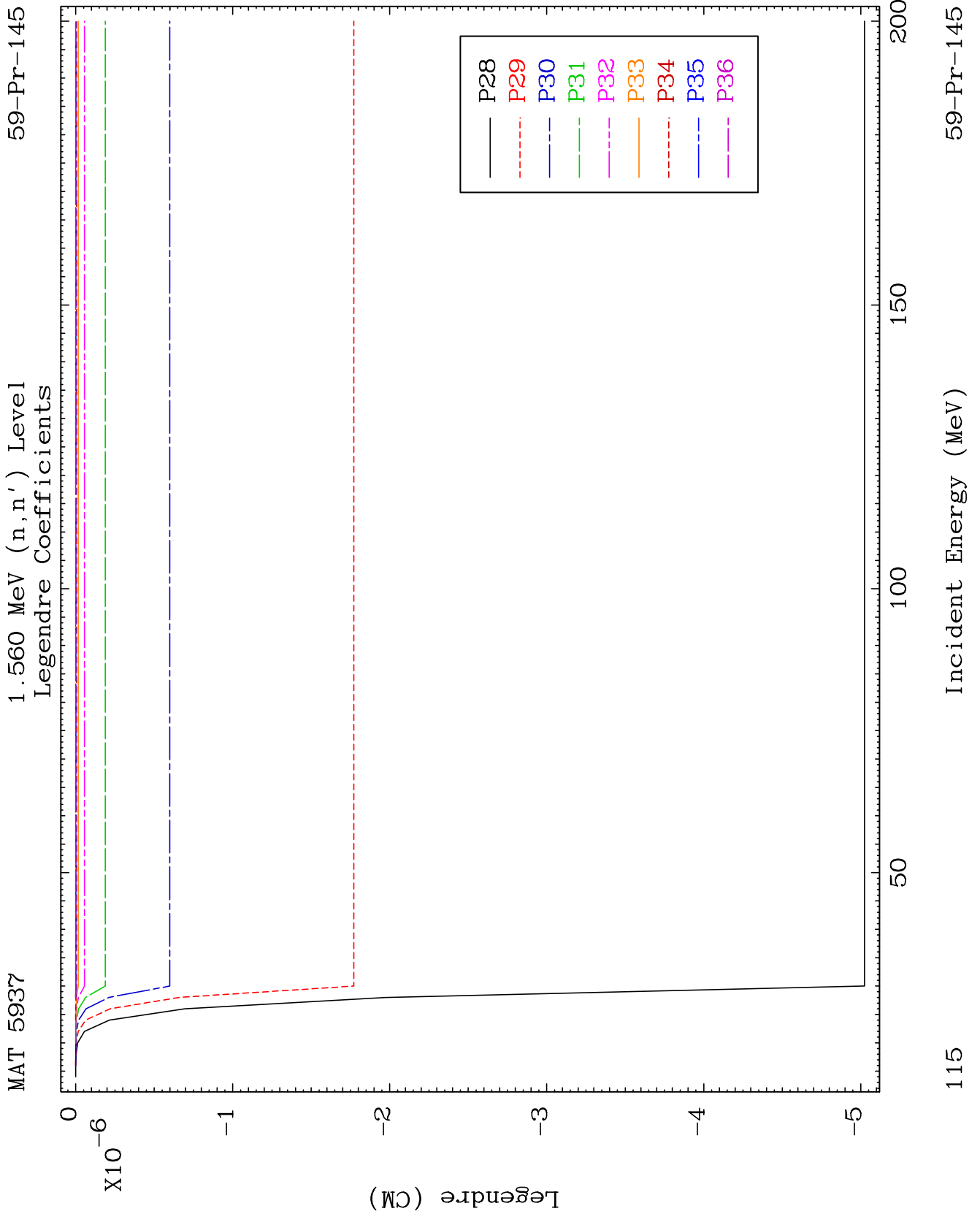
59-Pr-145



114

Incident Energy (MeV)

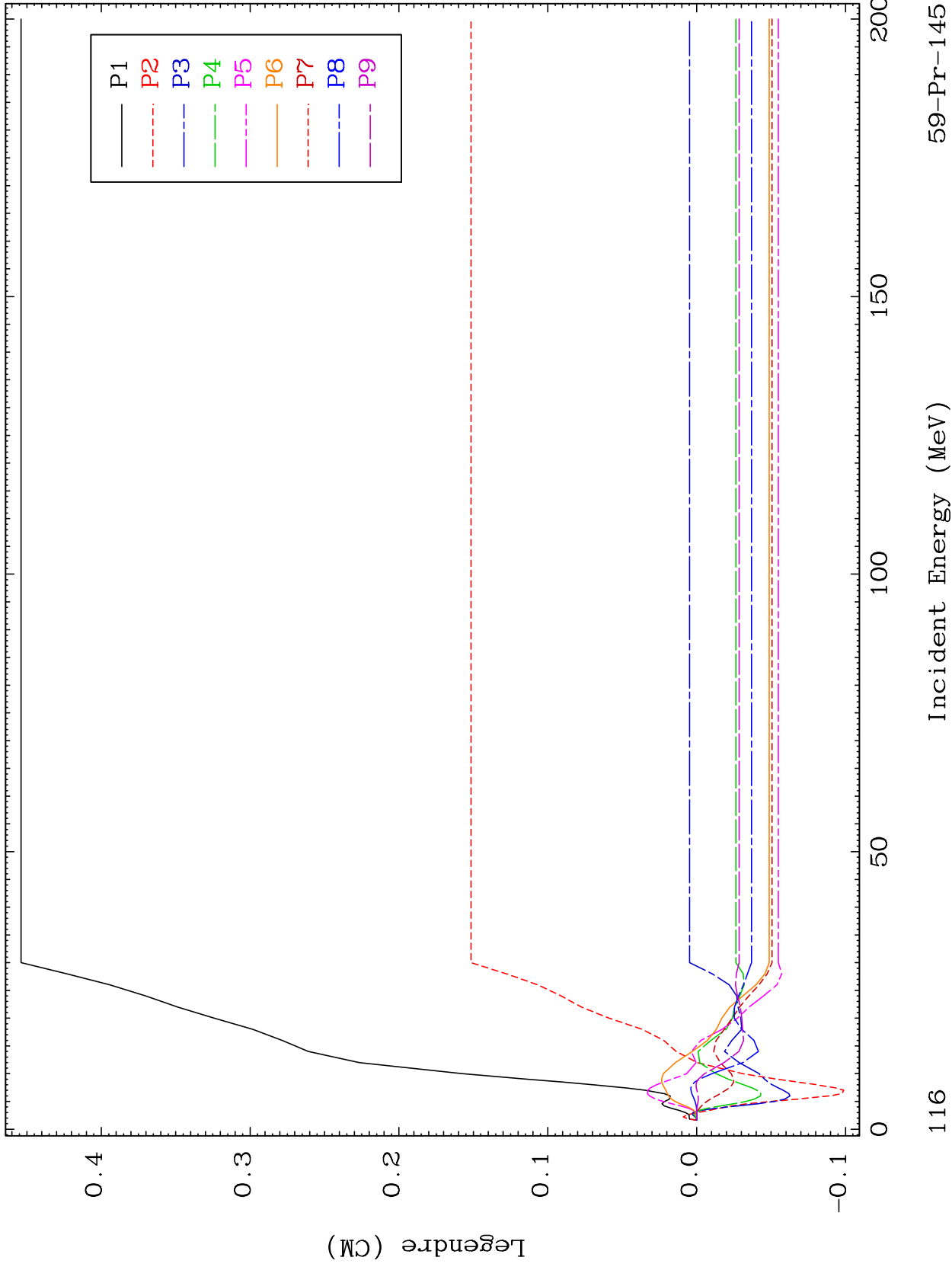
59-Pr-145



MAT 5937

1.609 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

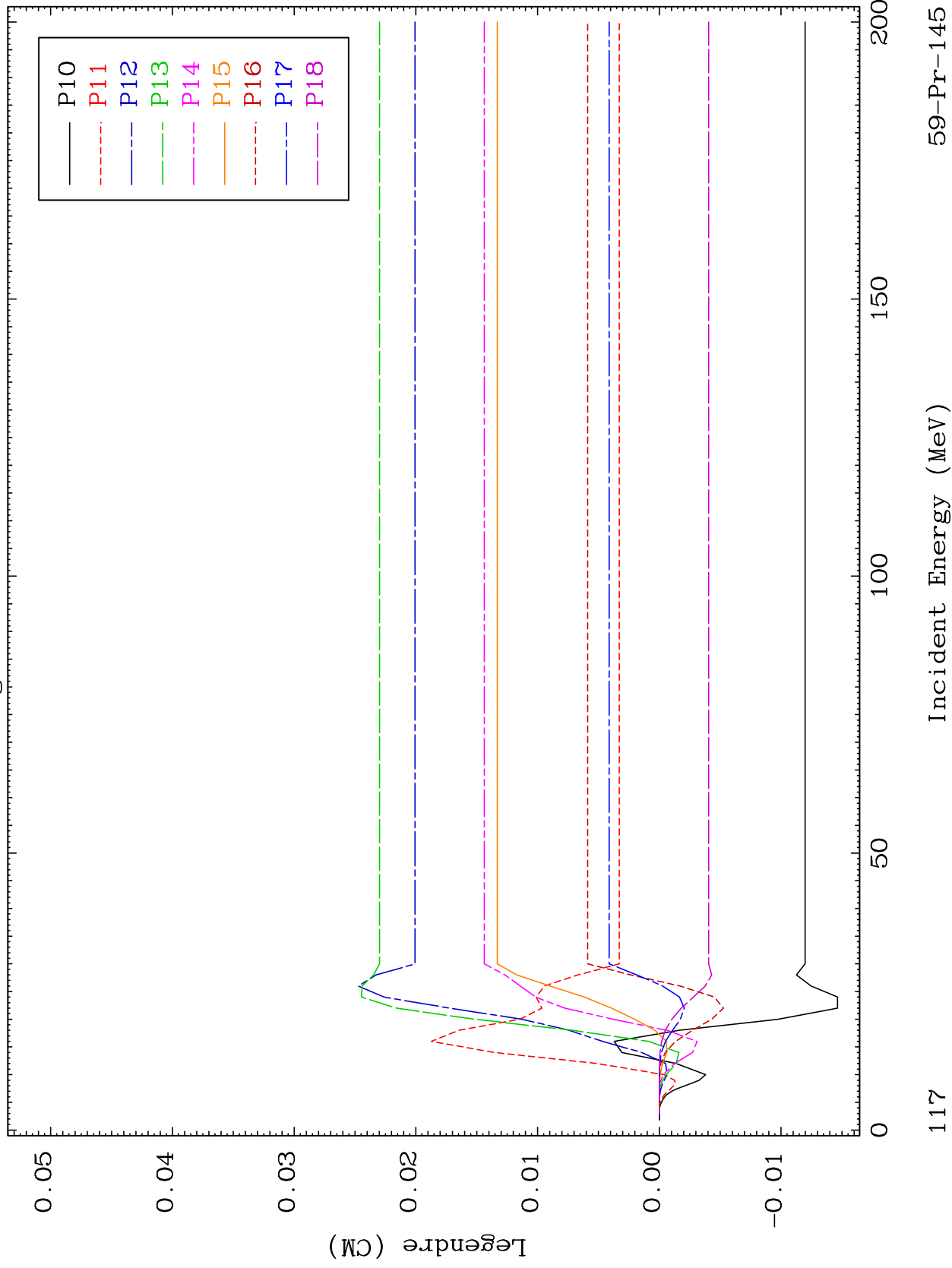
Incident Energy (MeV)

116

MAT 5937

1.609 MeV (n,n') Level
Legendre Coefficients

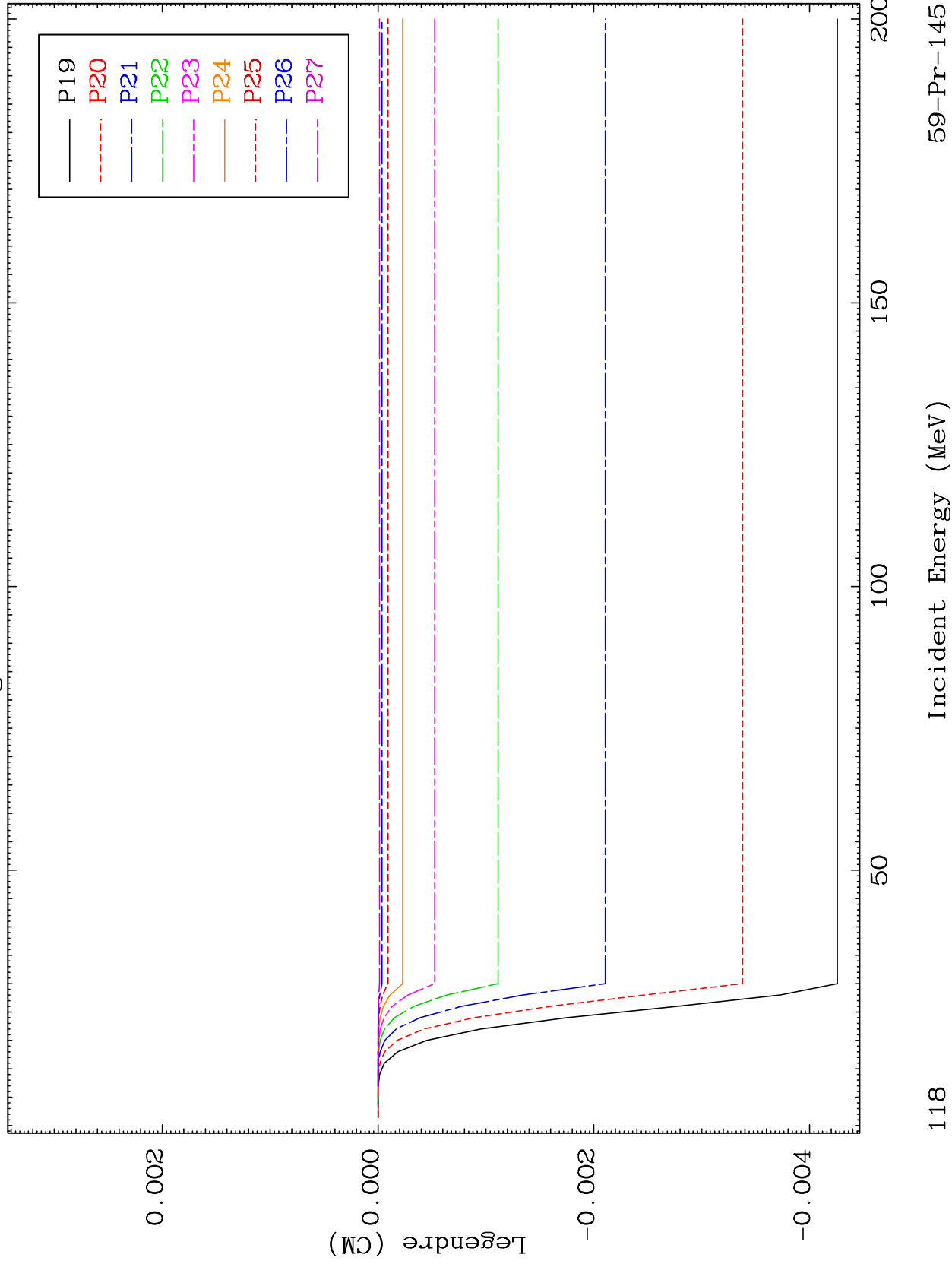
59-Pr-145



MAT 5937

1.609 MeV (n,n') Level
Legendre Coefficients

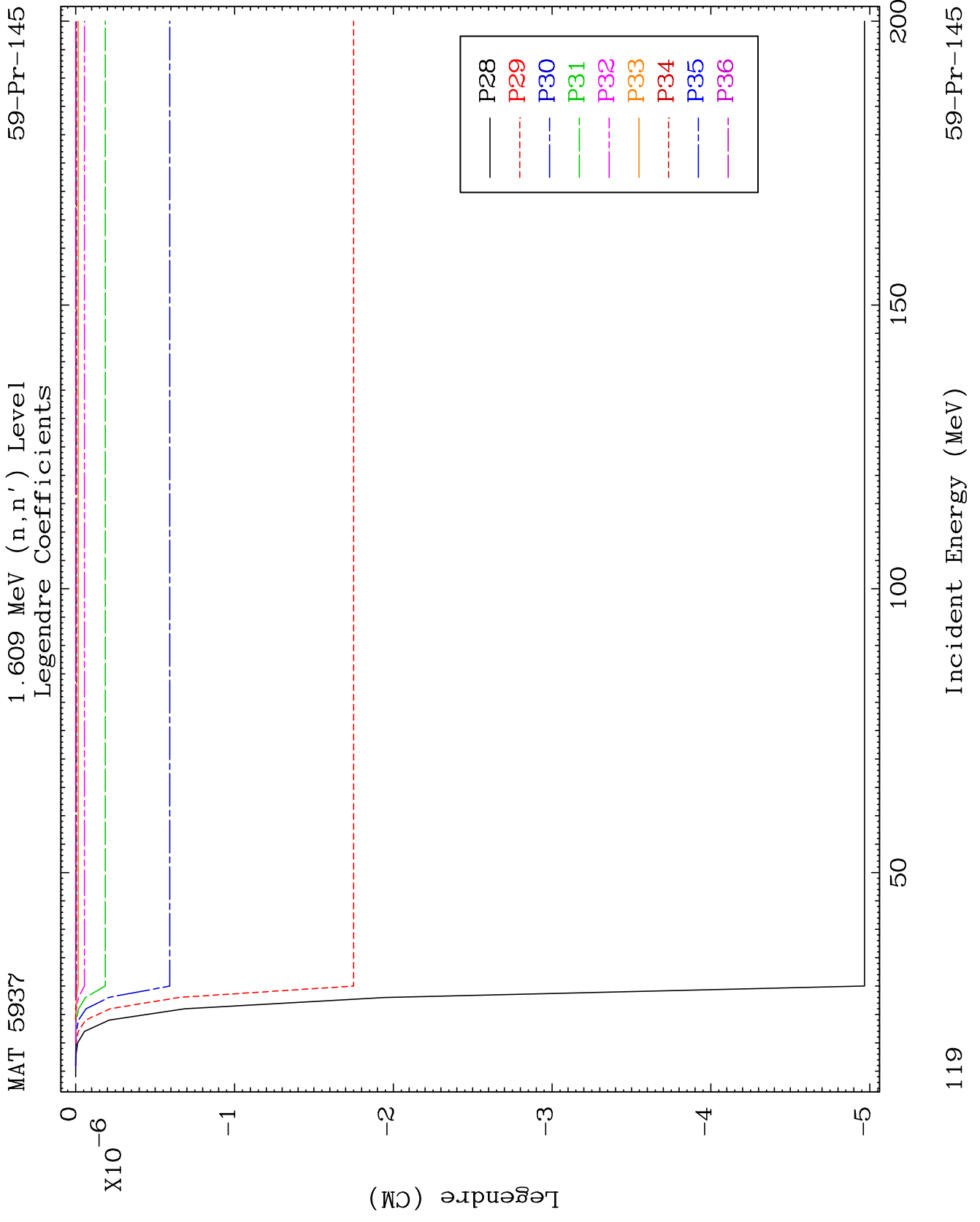
59-Pr-145



118

Incident Energy (MeV)

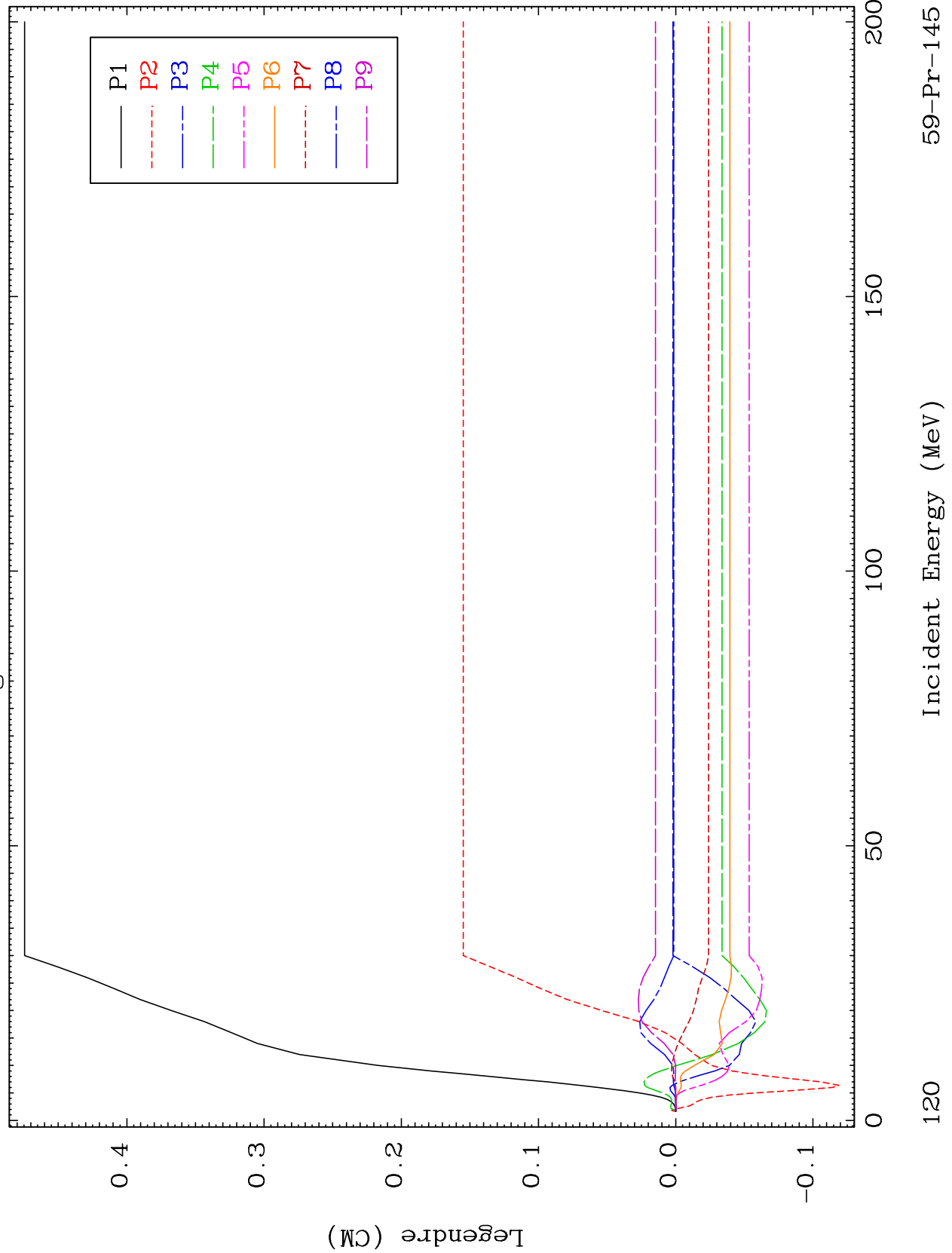
59-Pr-145



MAT 5937

1.611 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



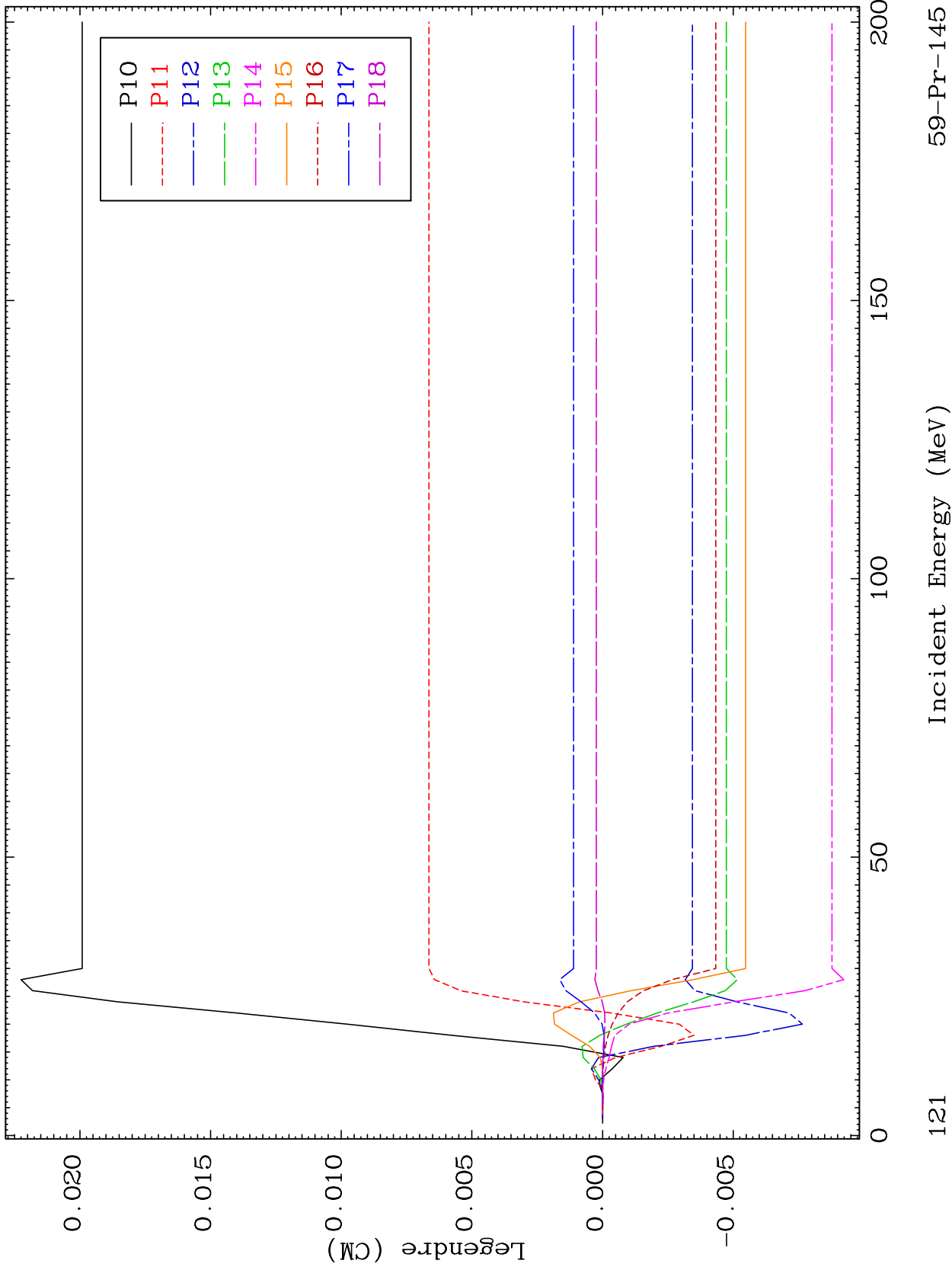
59-Pr-145

Incident Energy (MeV)

MAT 5937

1.611 MeV (n,n') Level
Legendre Coefficients

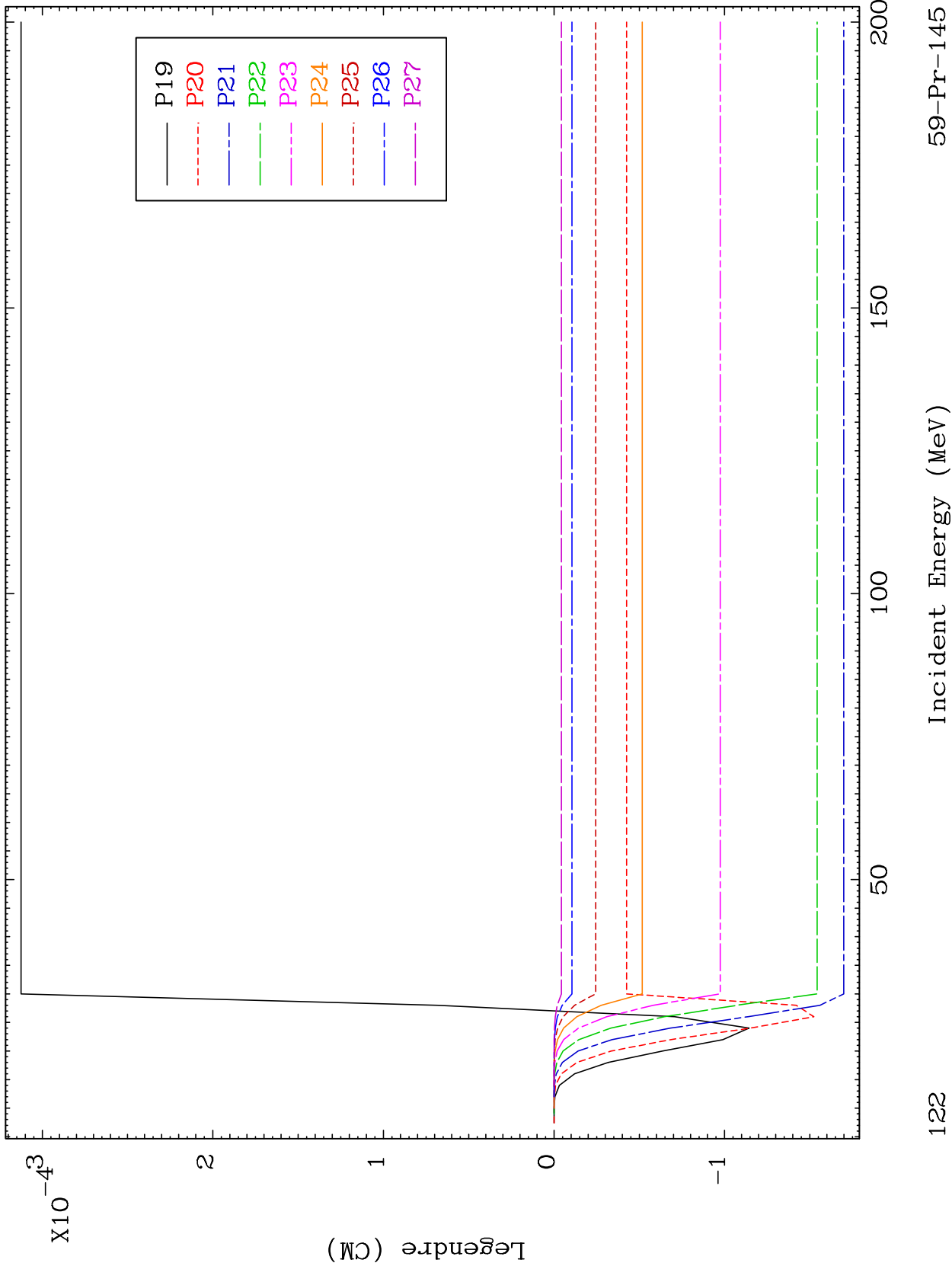
59-Pr-145

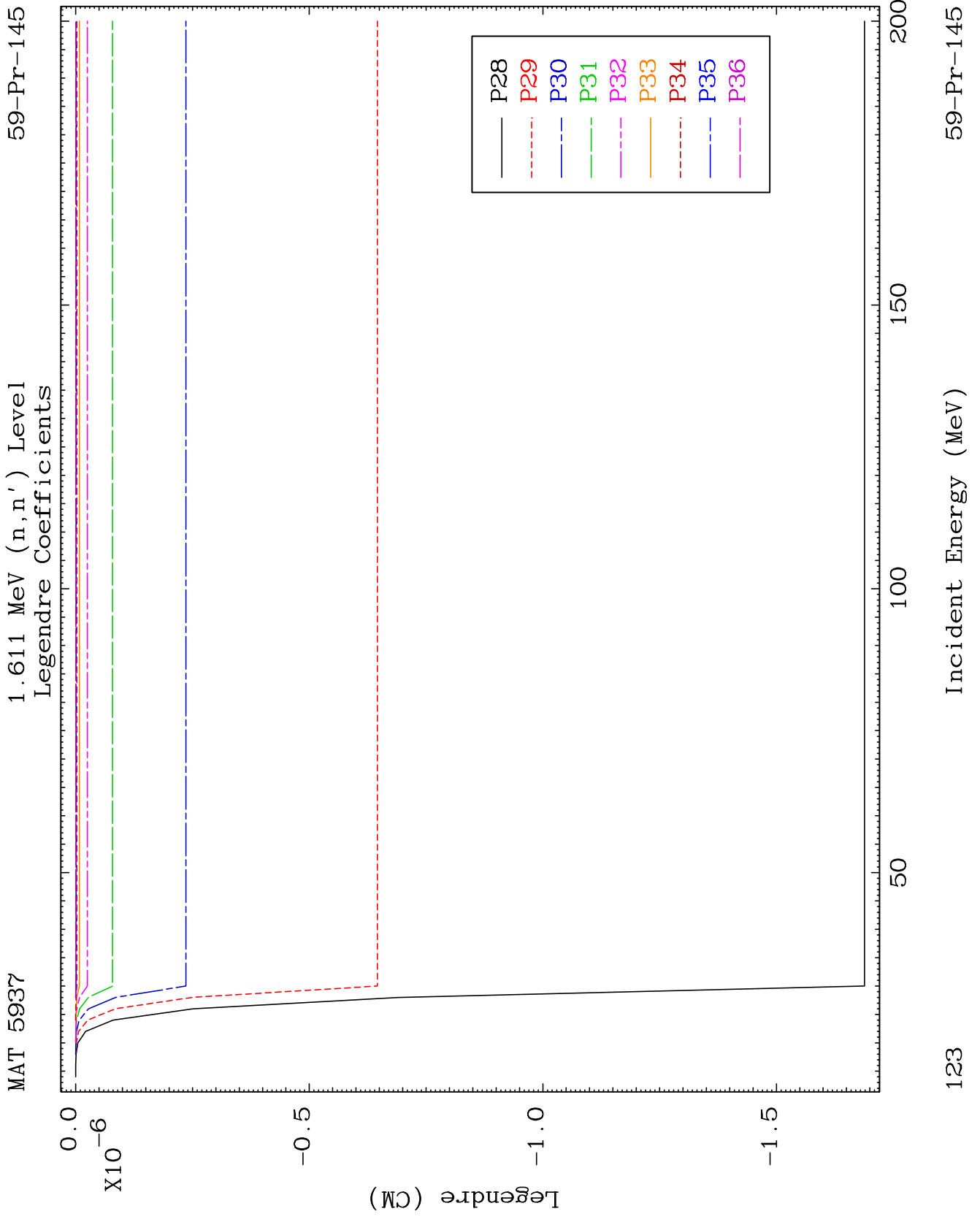


121

Incident Energy (MeV)

59-Pr-145

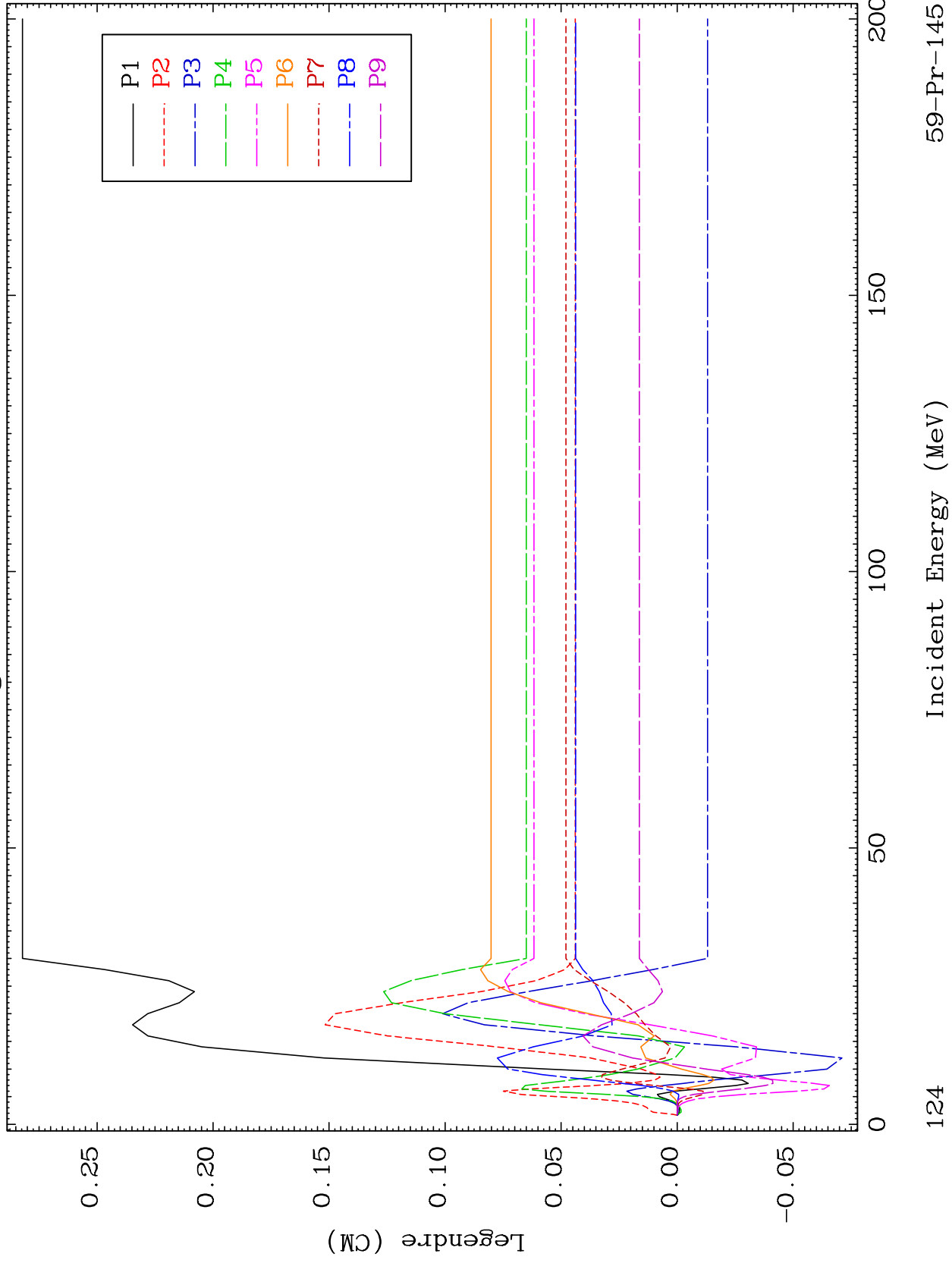




MAT 5937

1.612 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

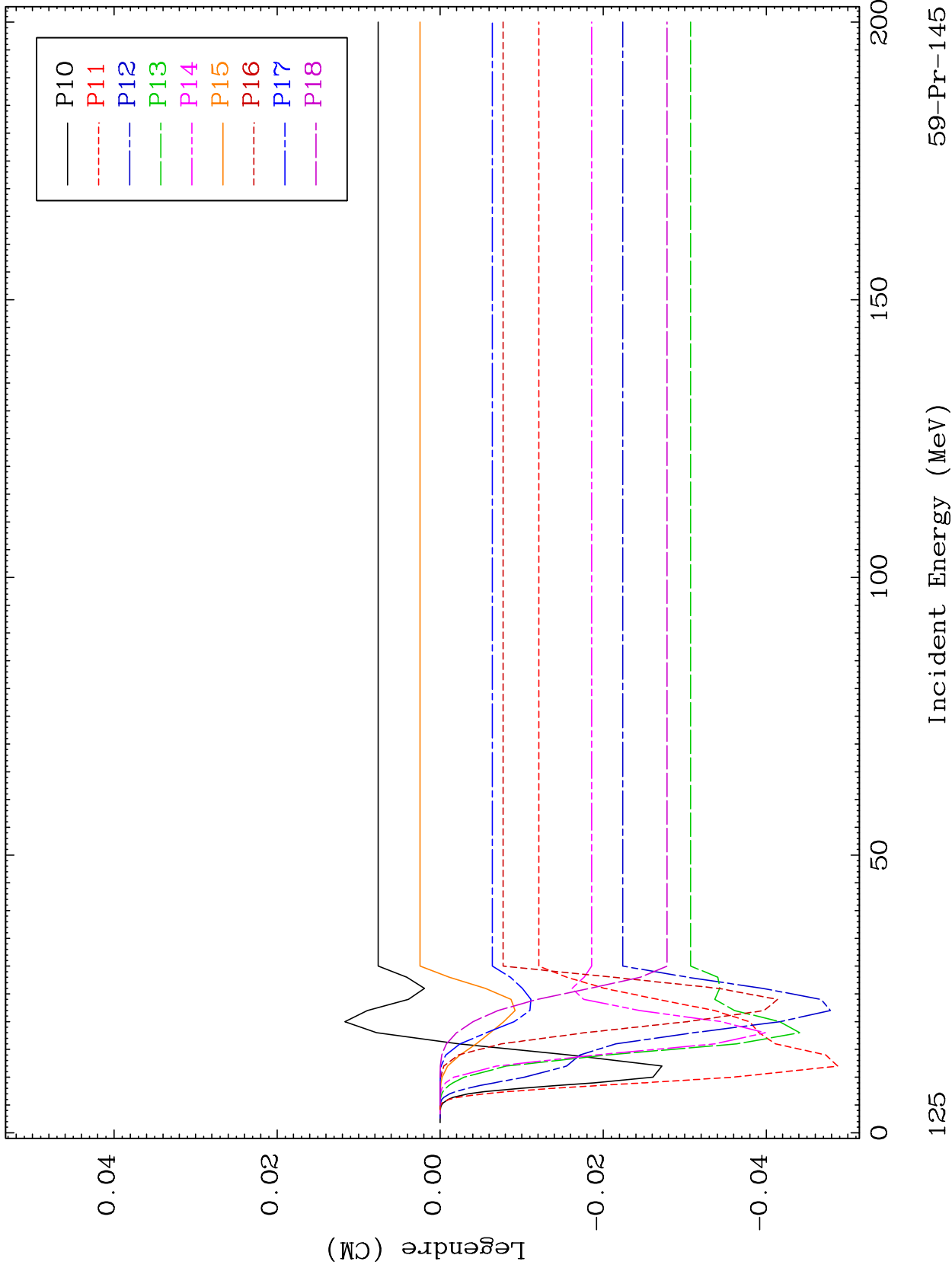
Incident Energy (MeV)

124

MAT 5937

1.612 MeV (n,n') Level
Legendre Coefficients

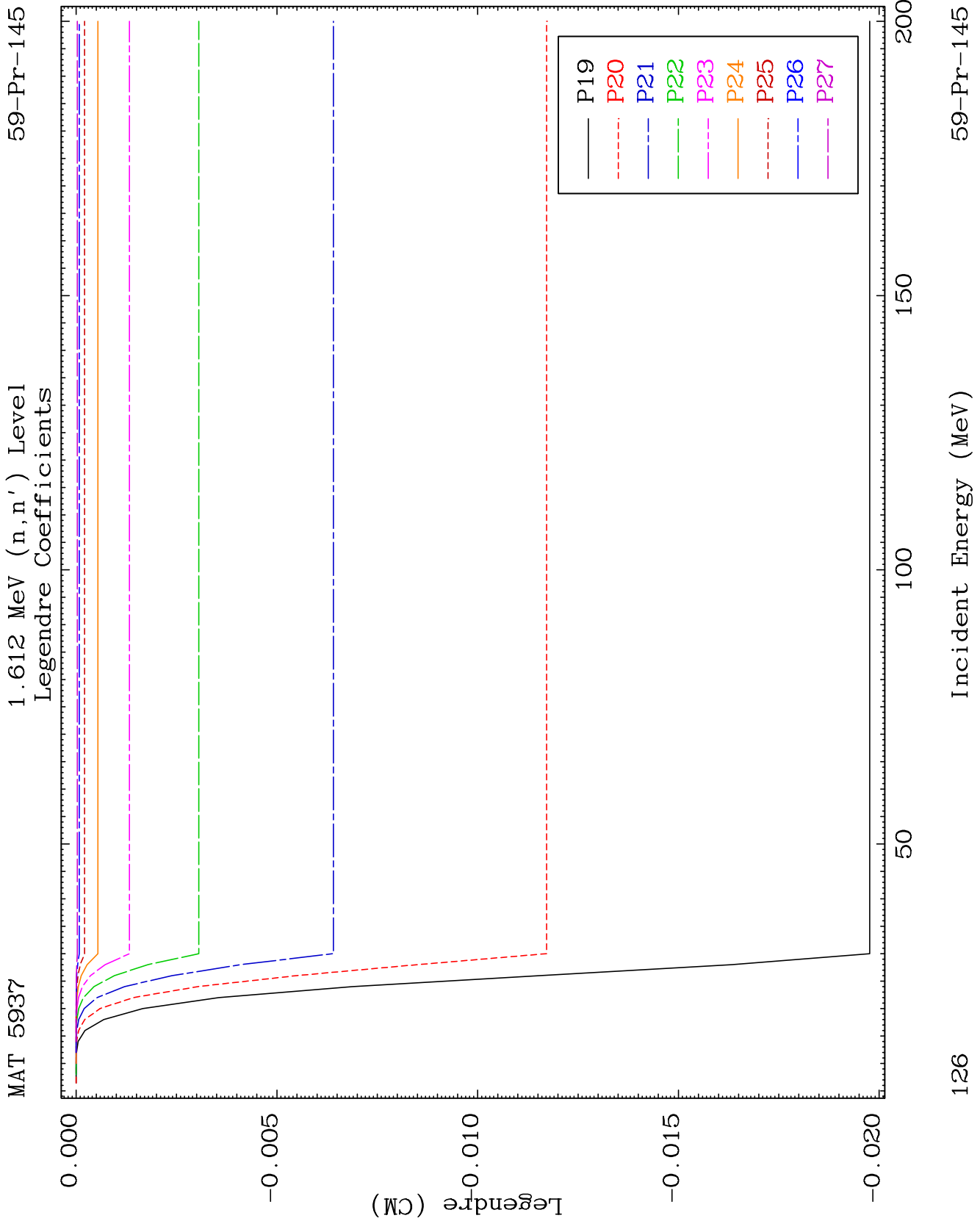
59-Pr-145

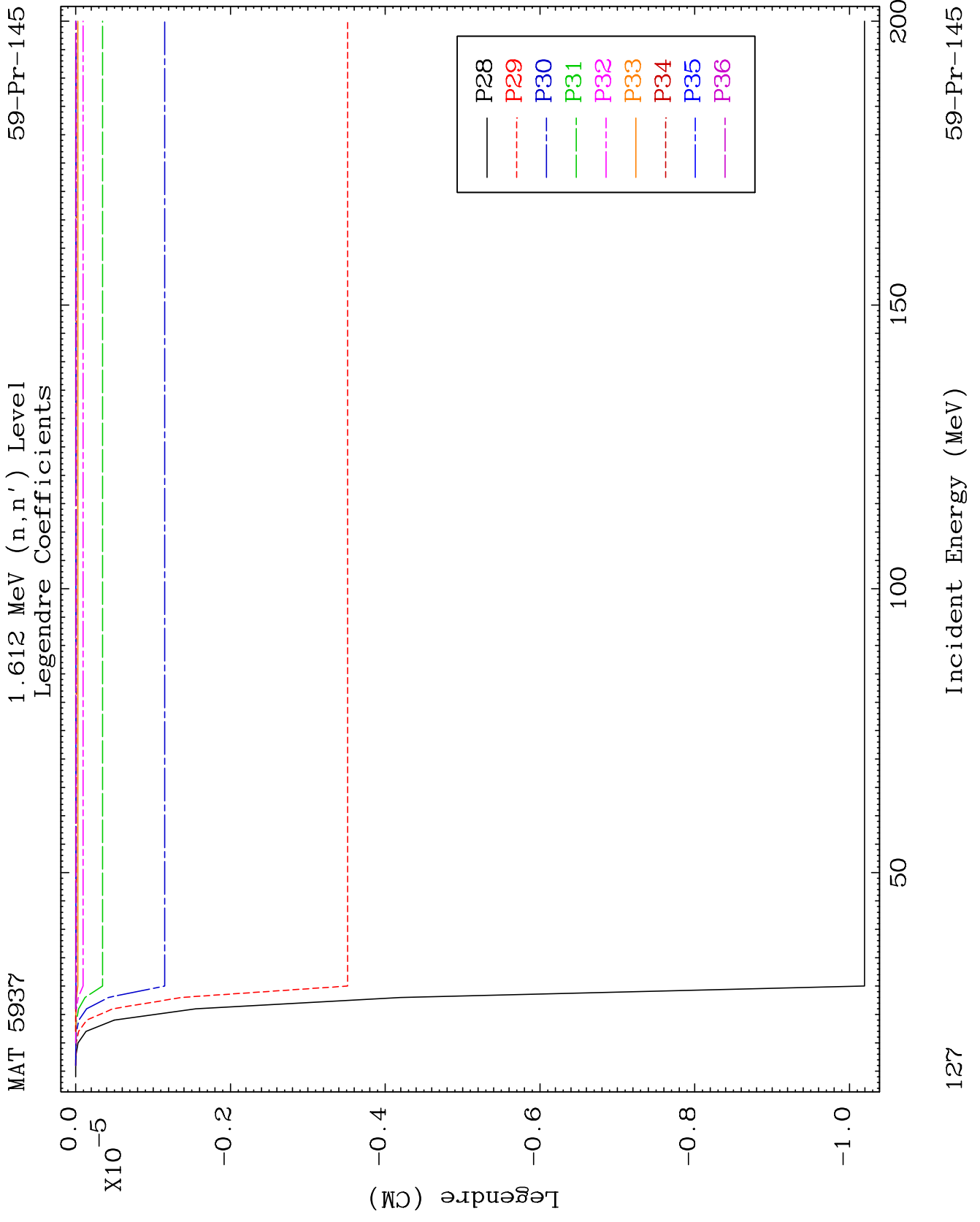


59-Pr-145

Incident Energy (MeV)

125

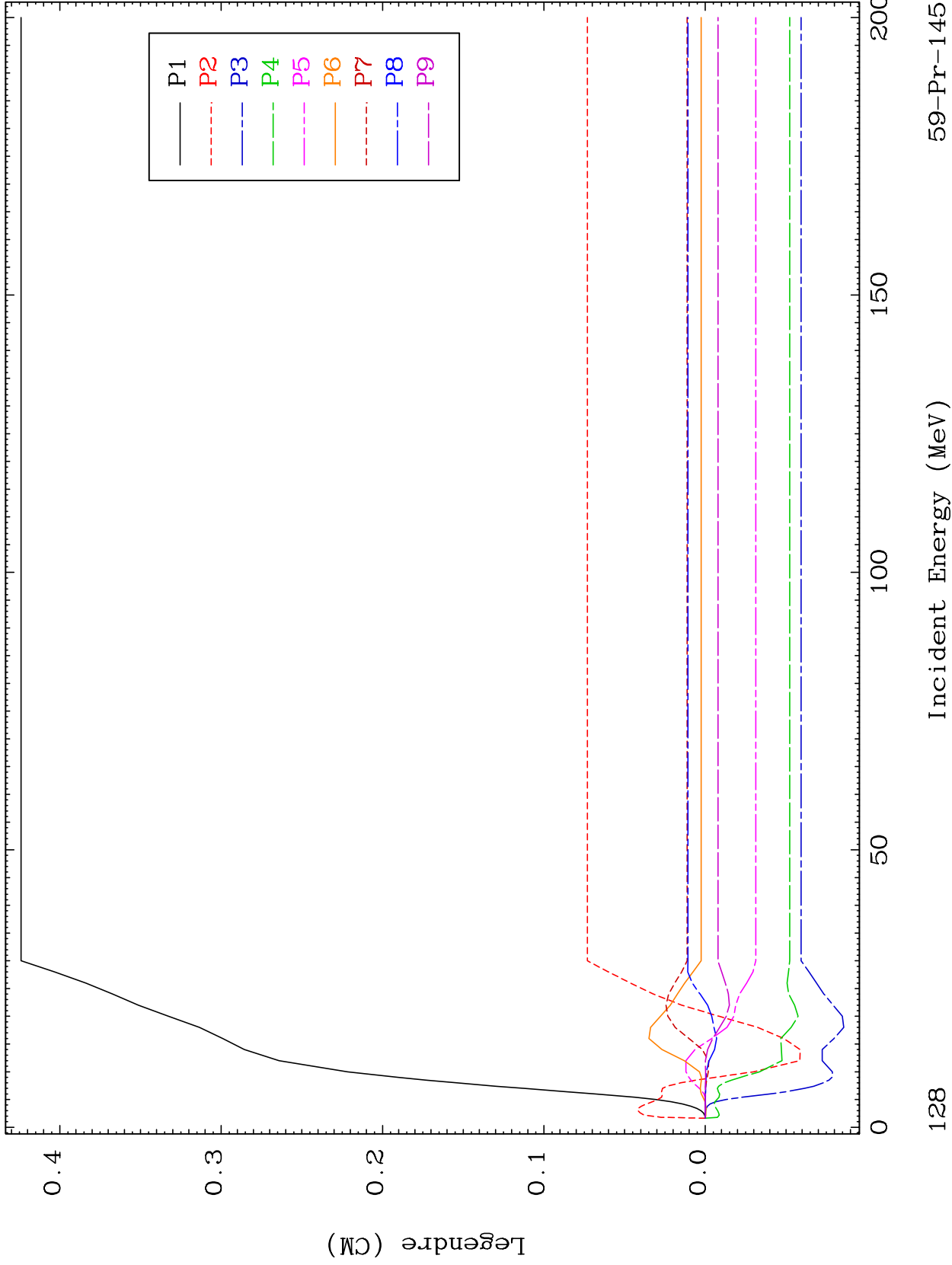




MAT 5937

1.613 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



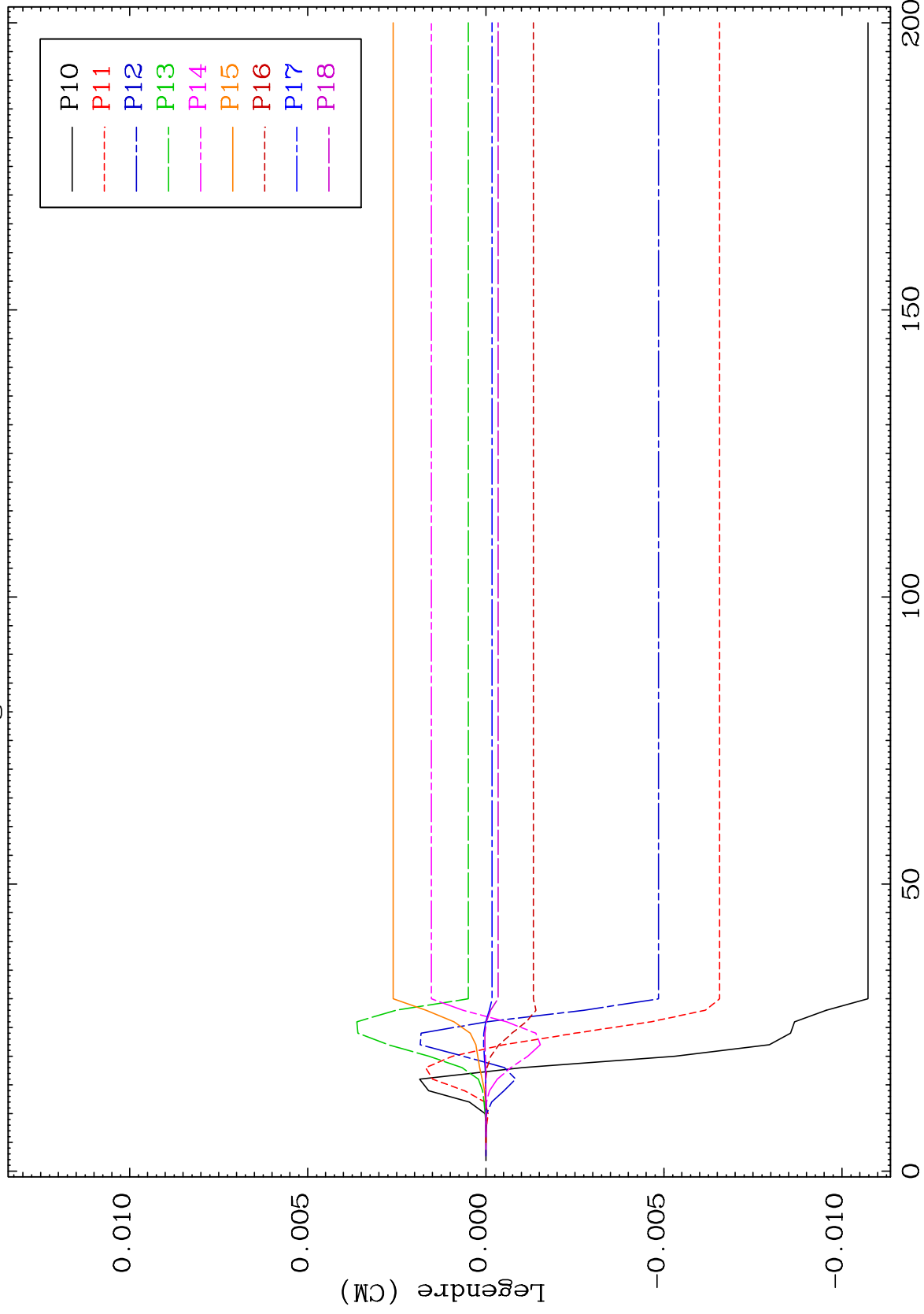
128

59-Pr-145

MAT 5937

1.613 MeV (n,n') Level
Legendre Coefficients

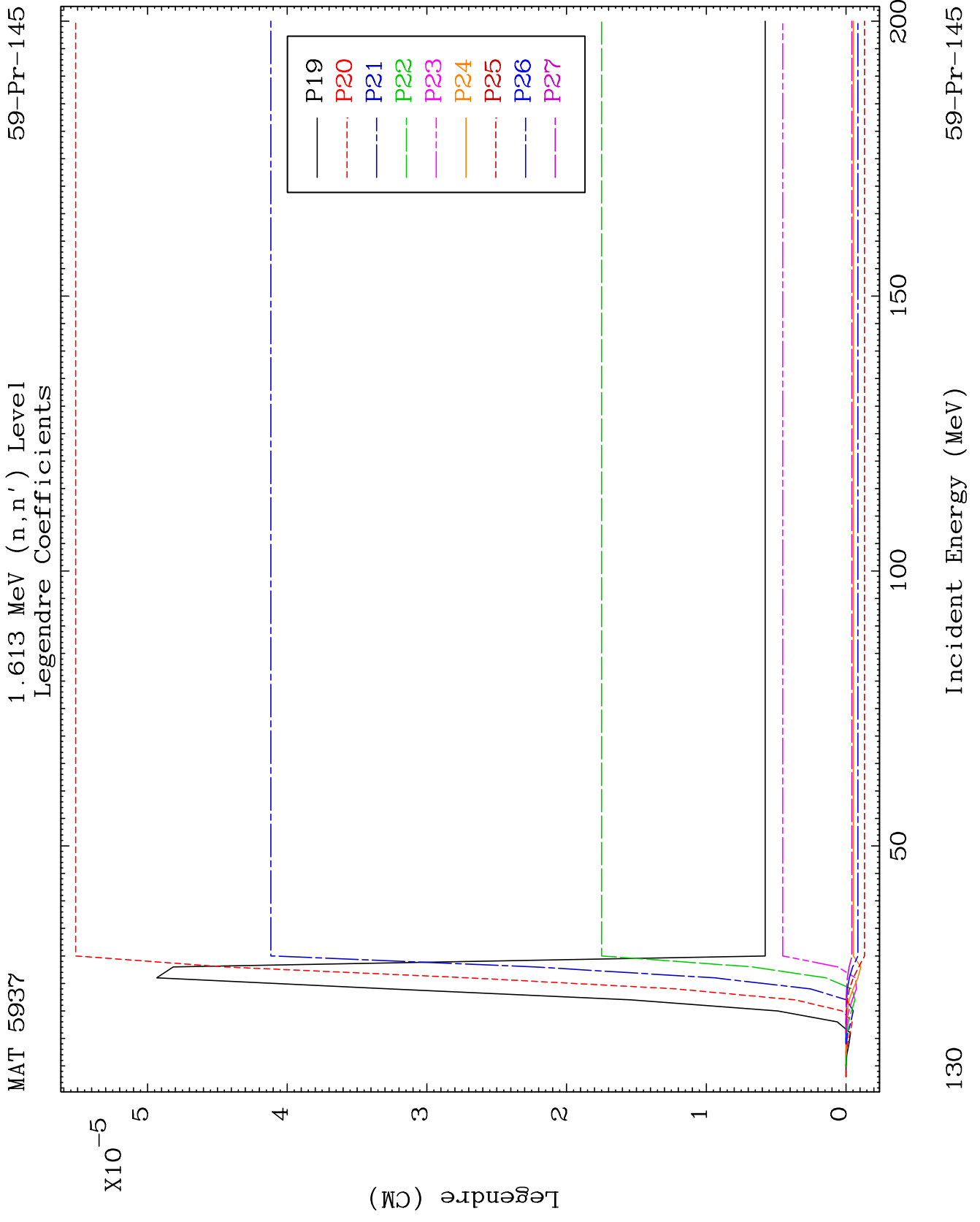
59-Pr-145

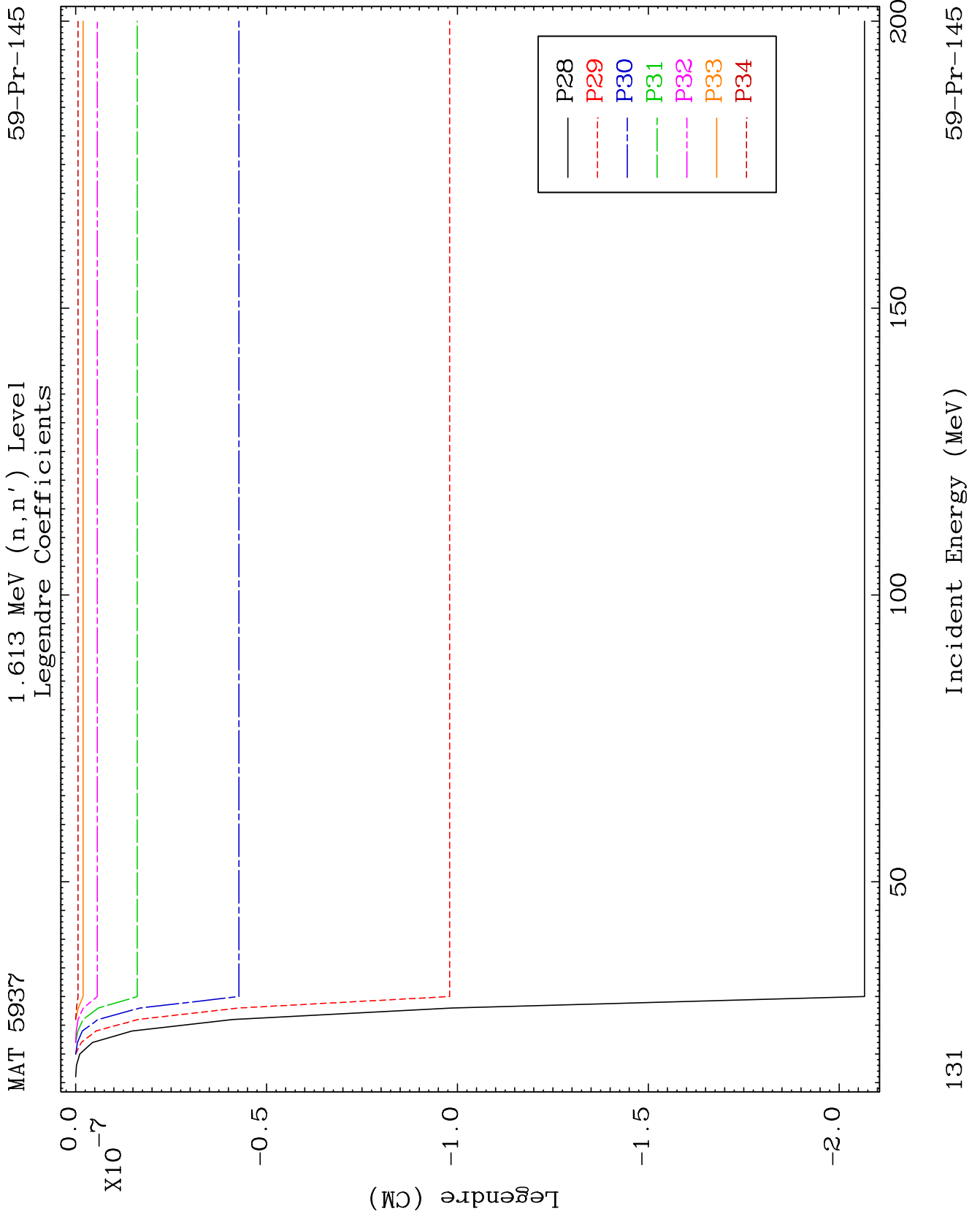


129

Incident Energy (MeV)

59-Pr-145

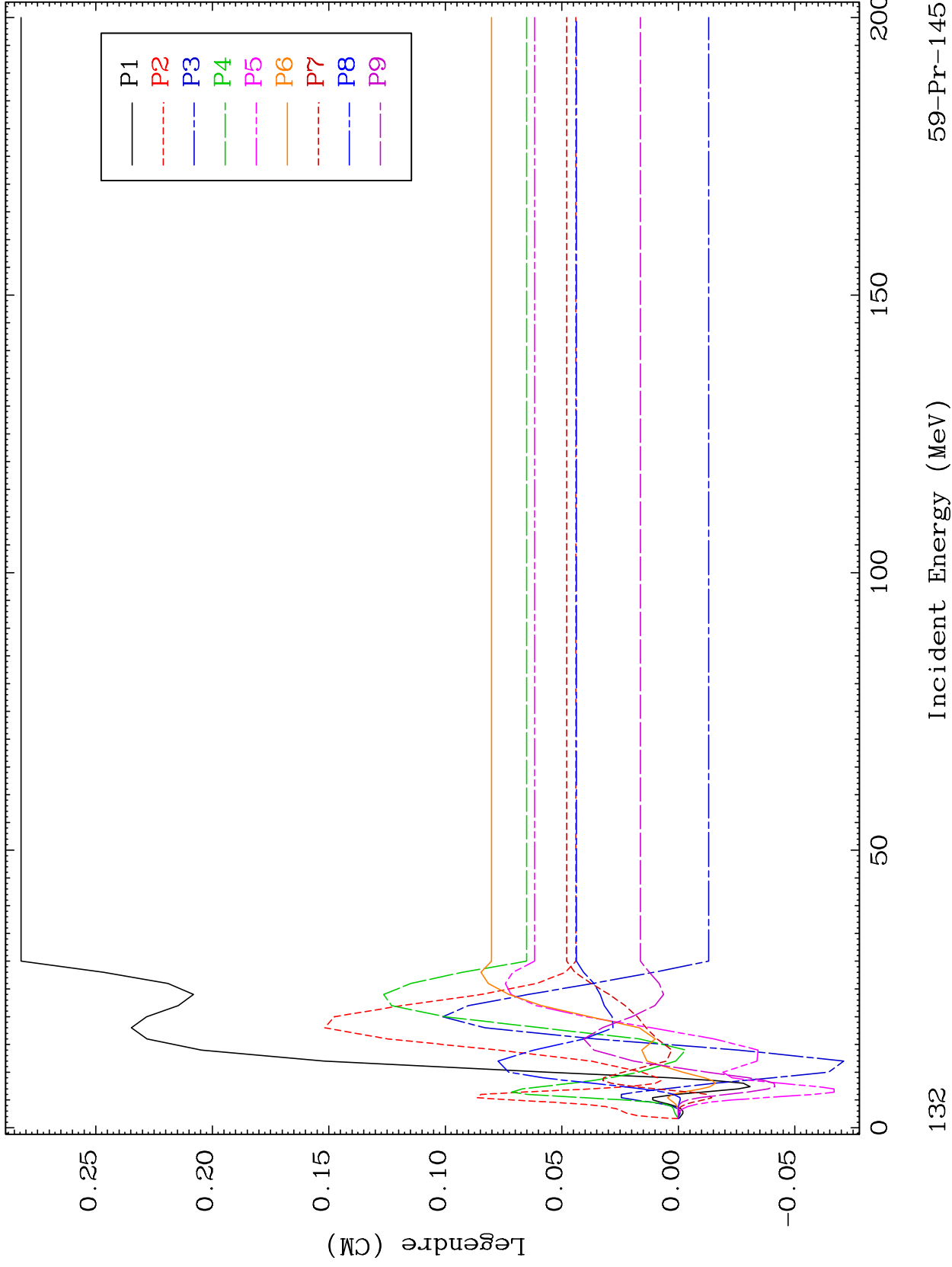




MAT 5937

1.621 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

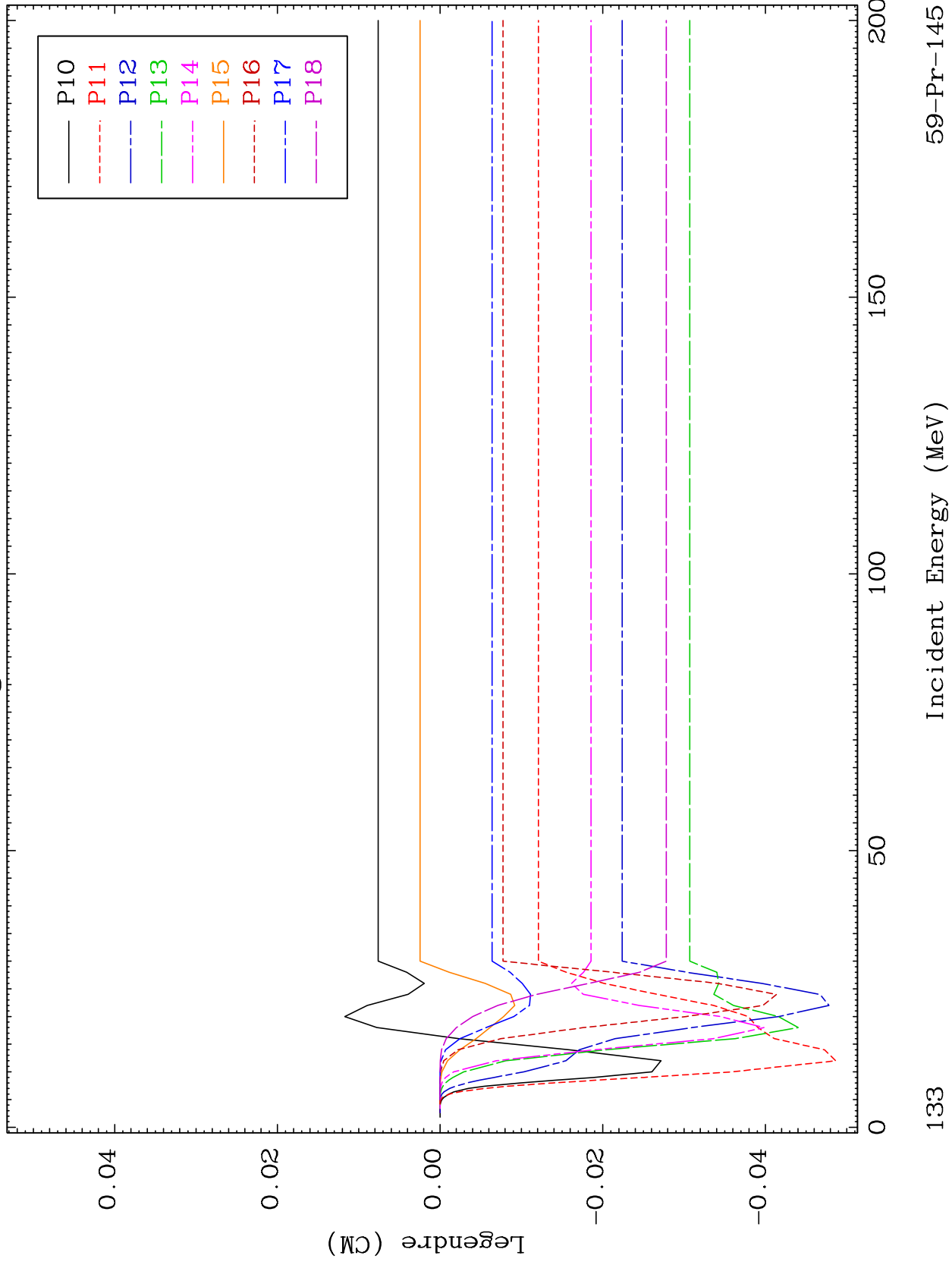
Incident Energy (MeV)

132

MAT 5937

1.621 MeV (n,n') Level
Legendre Coefficients

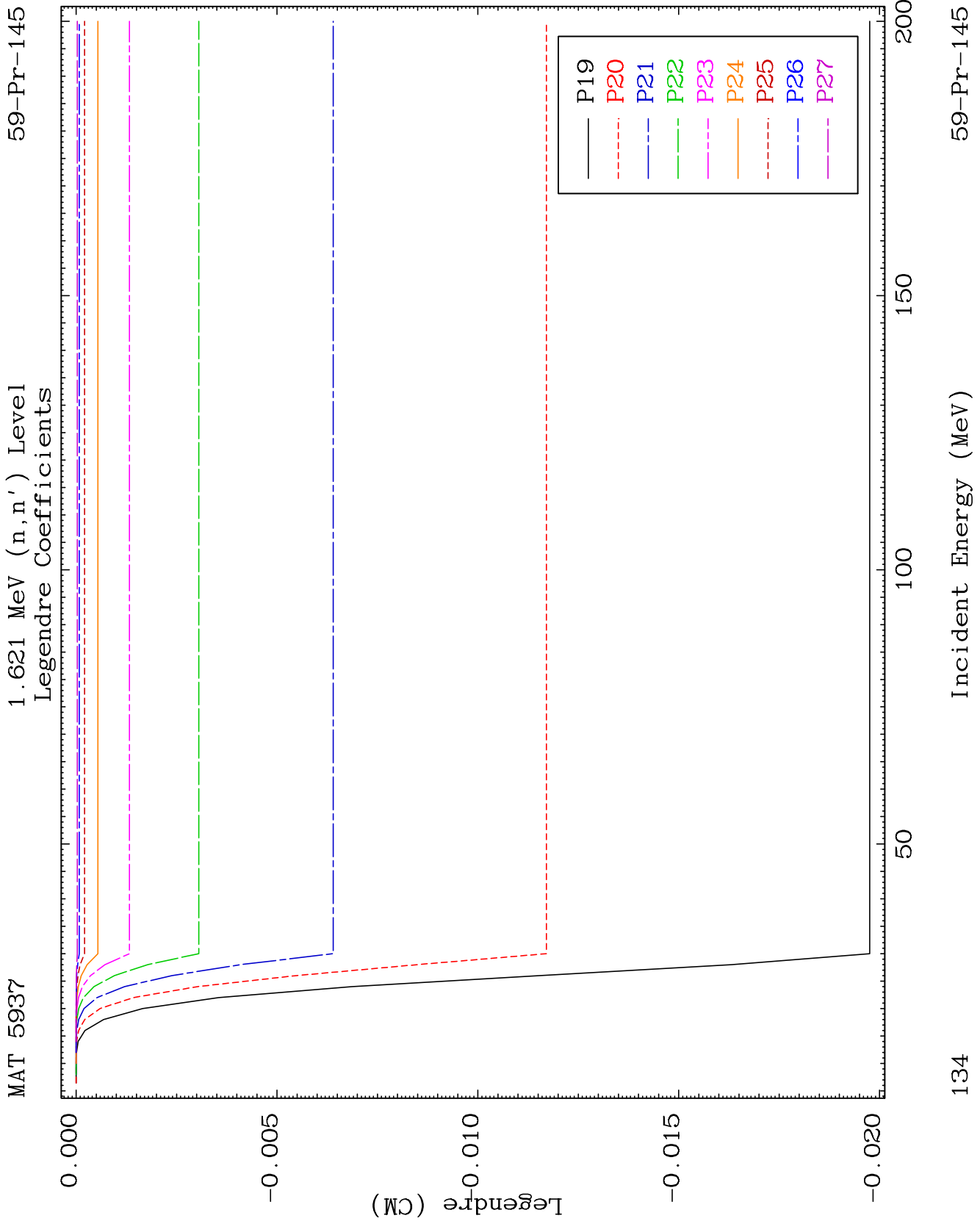
59-Pr-145

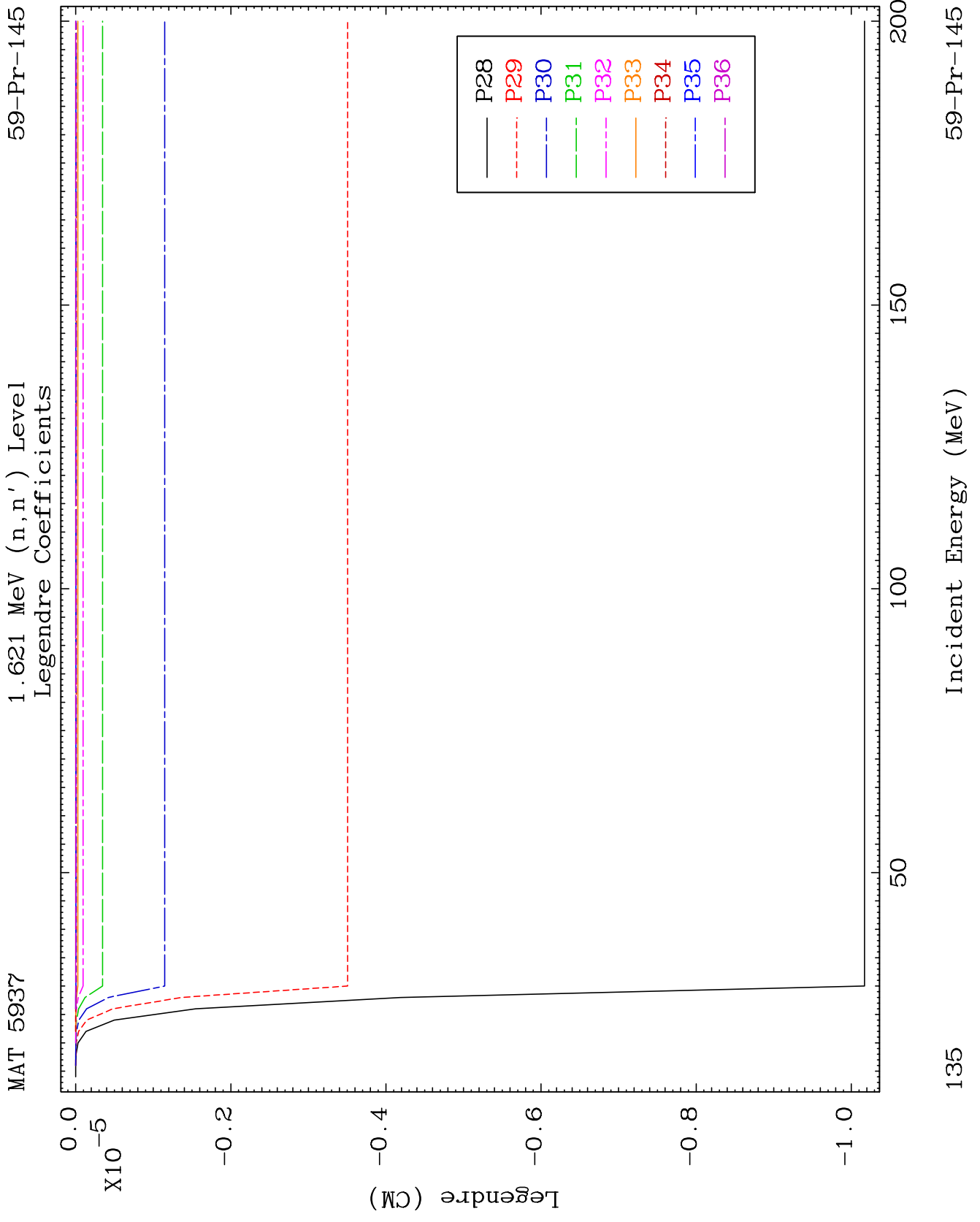


133

Incident Energy (MeV)

59-Pr-145

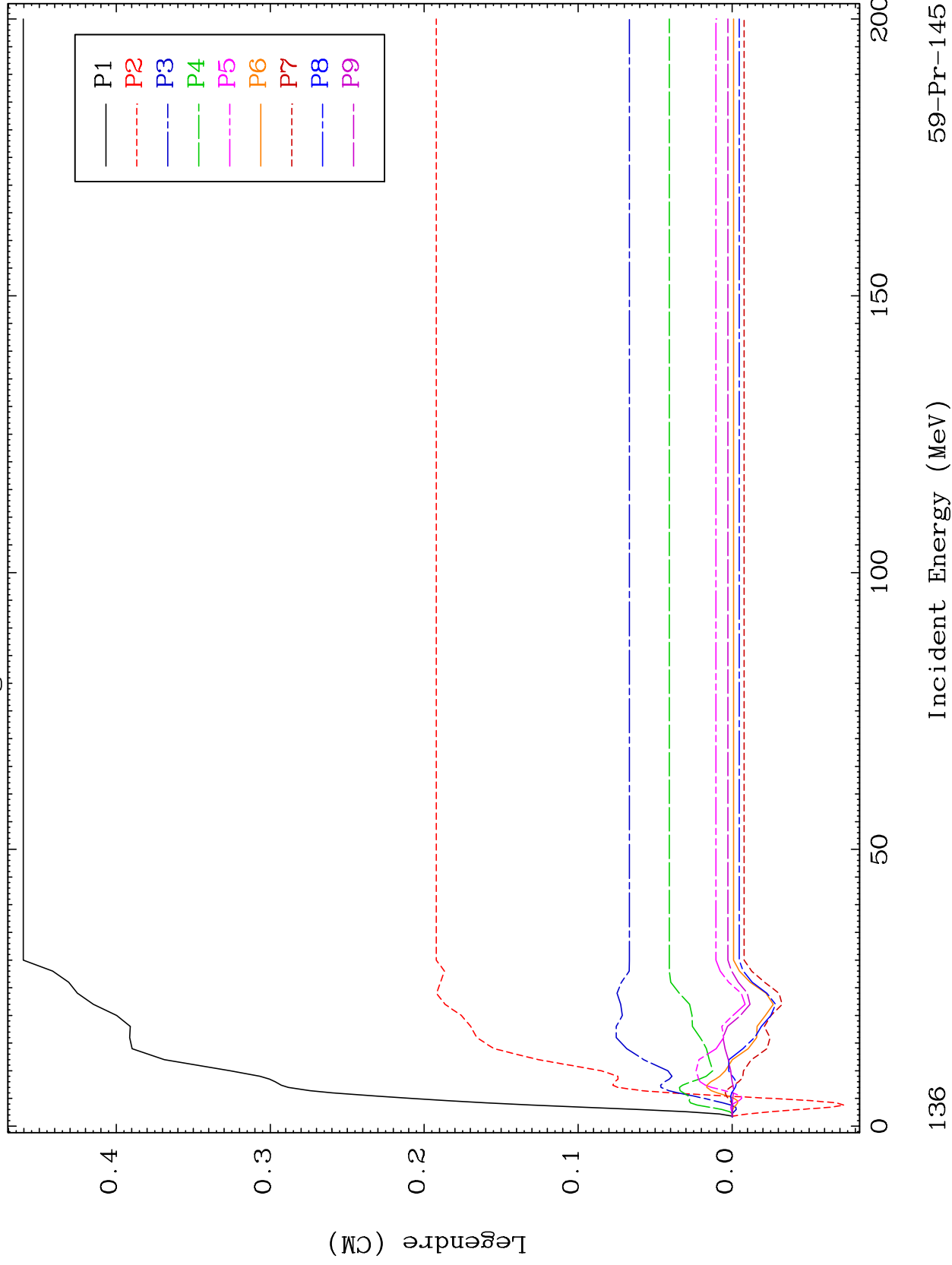




MAT 5937

1.622 MeV (n,n') Level
Legendre Coefficients

59-Pr-145



59-Pr-145

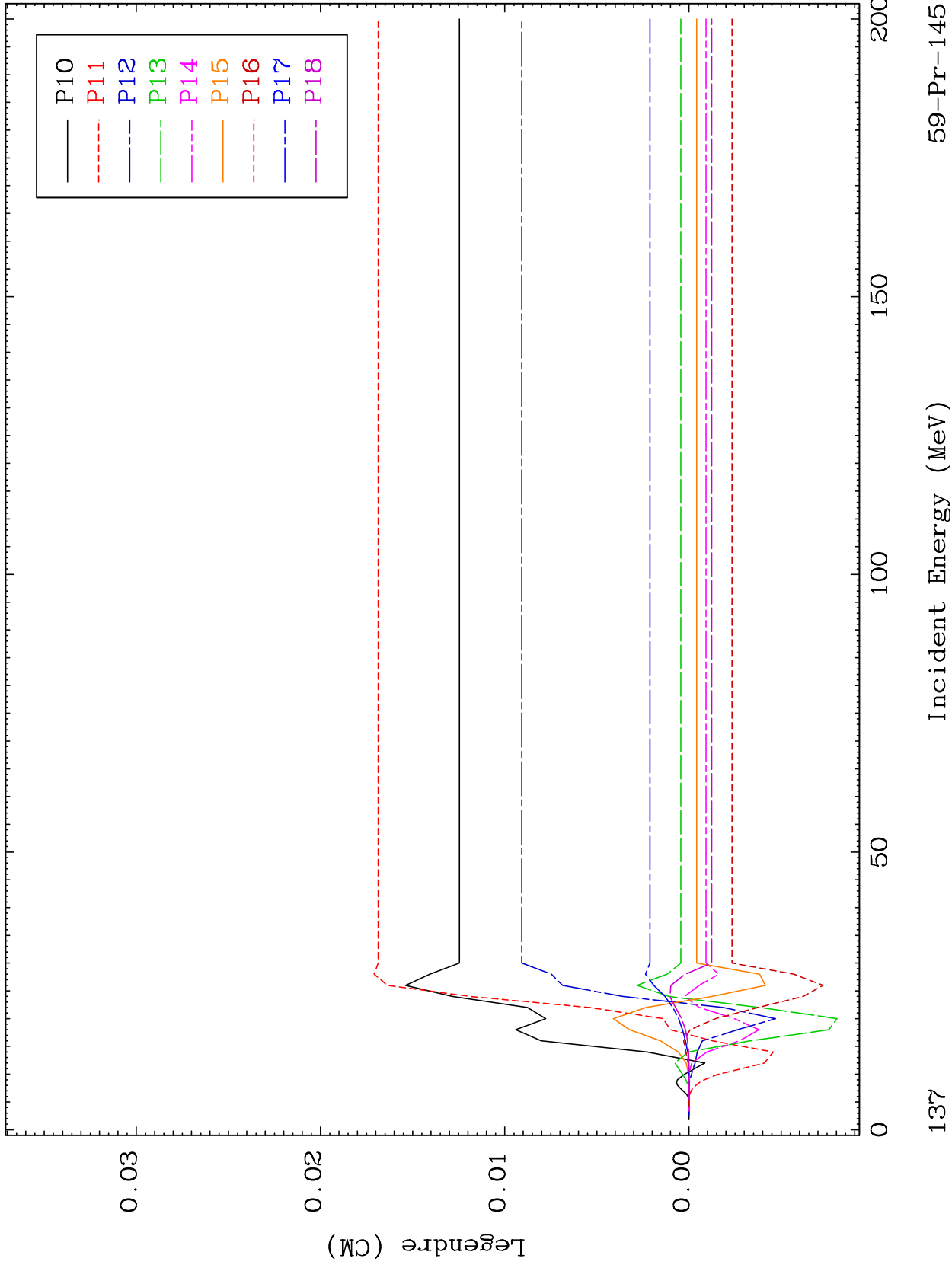
Incident Energy (MeV)

136

MAT 5937

1.622 MeV (n,n') Level
Legendre Coefficients

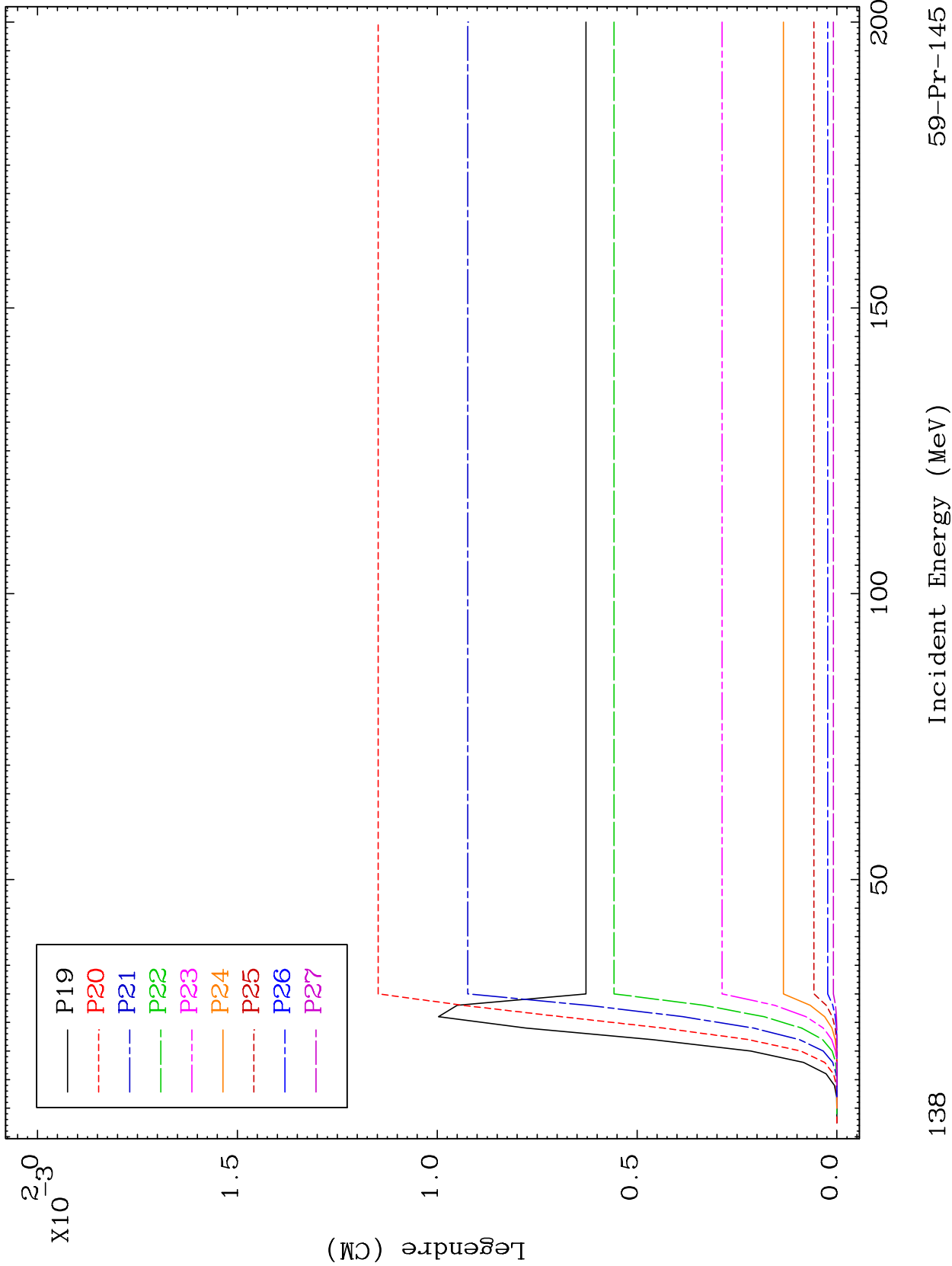
59-Pr-145



137

Incident Energy (MeV)

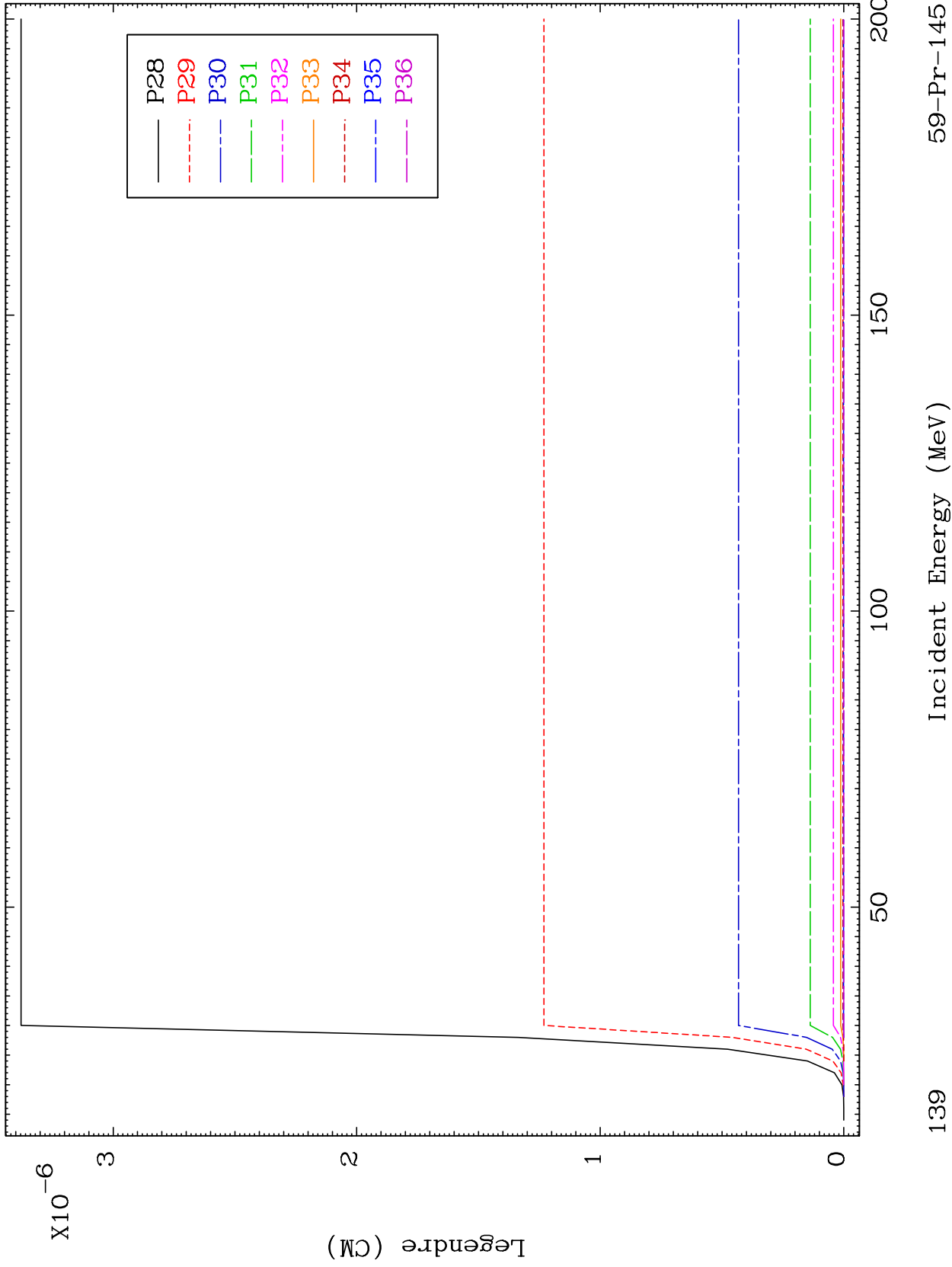
59-Pr-145



MAT 5937

1.622 MeV (n,n') Level
Legendre Coefficients

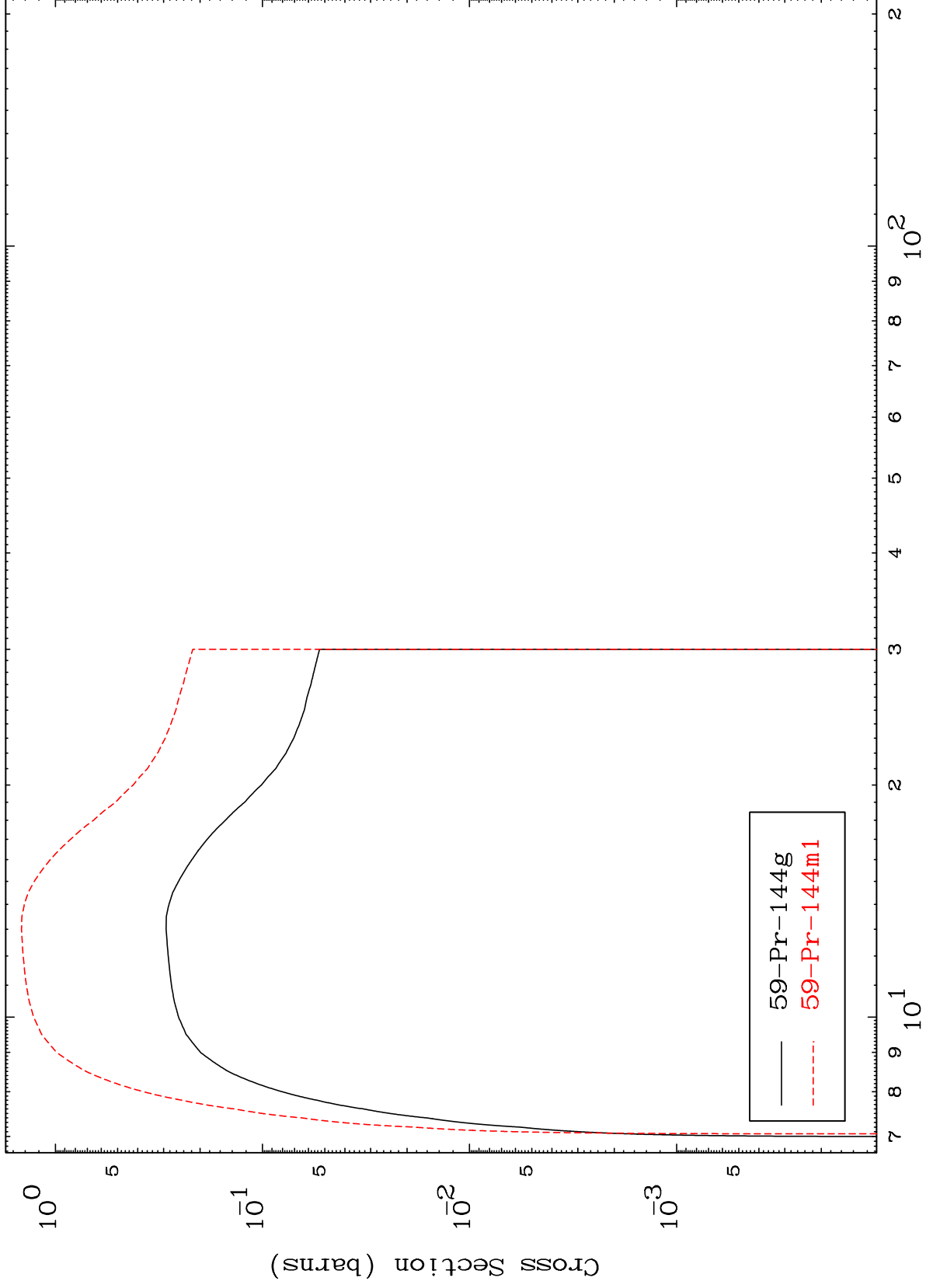
59-Pr-145



MAT 5937

59-Pr-145

(n,2n)
Radionuclide Production Cross Section



59-Pr-145

Incident Energy (MeV)

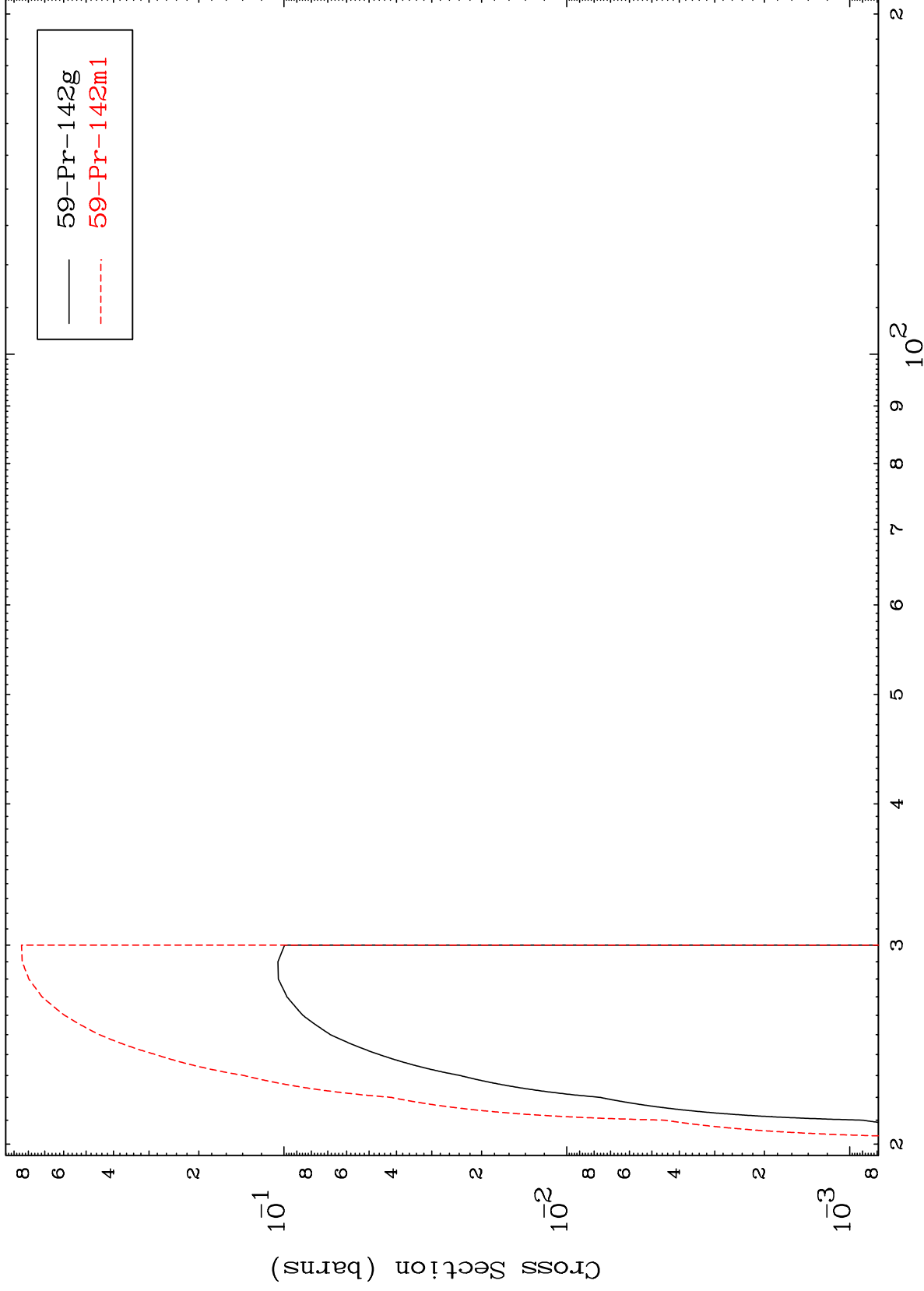
140

MAT 5937

(n,4n)

59-Pr-145

Radionuclide Production Cross Section



141

Incident Energy (MeV)

59-Pr-145

MAT 5937

(n,2α)

59-Pr-145

Radionuclide Production Cross Section

