

Program EVALPLOT  
(Version 2015-2)

by

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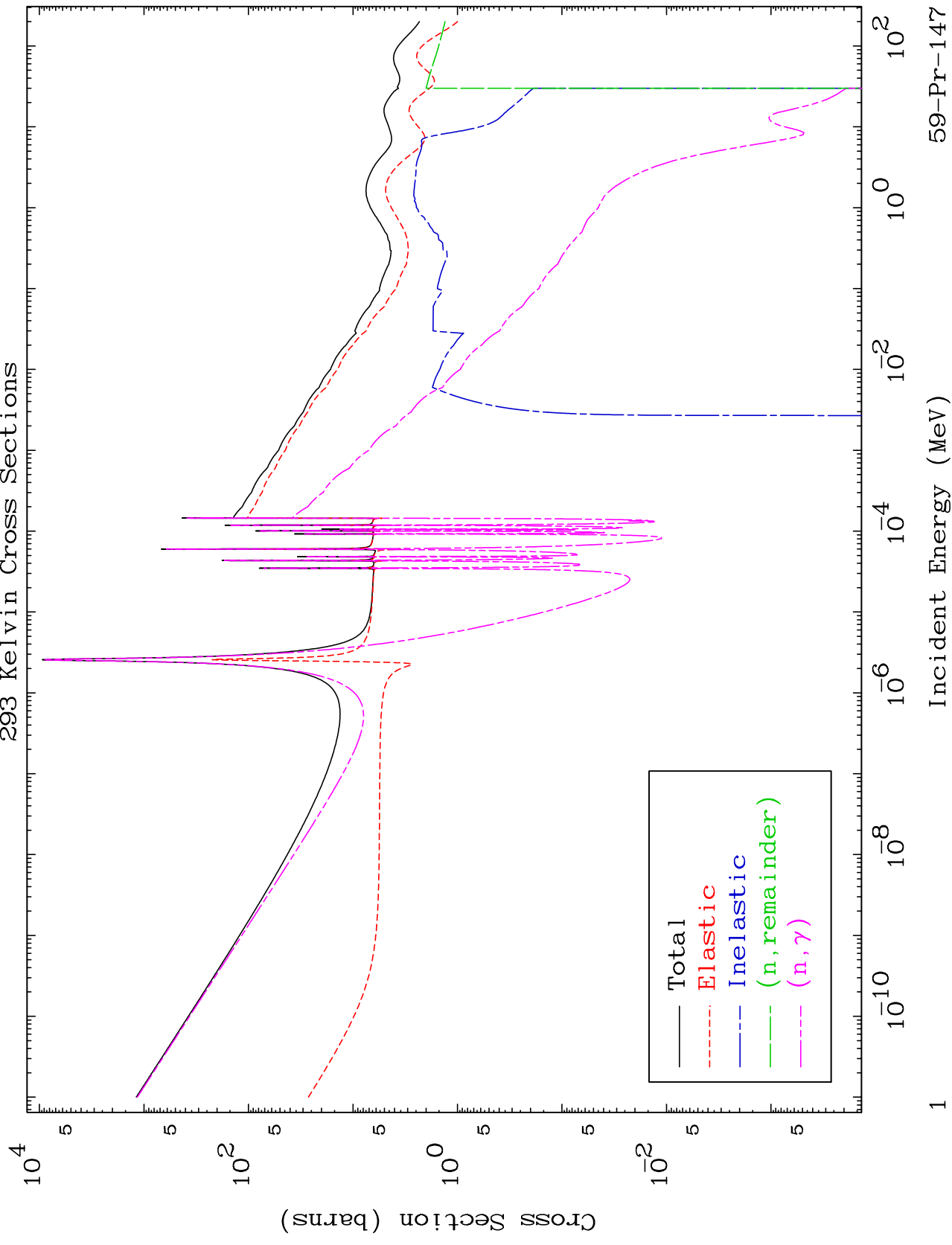
Press Mouse Button to Start

MAT 5943

Major

293 Kelvin Cross Sections

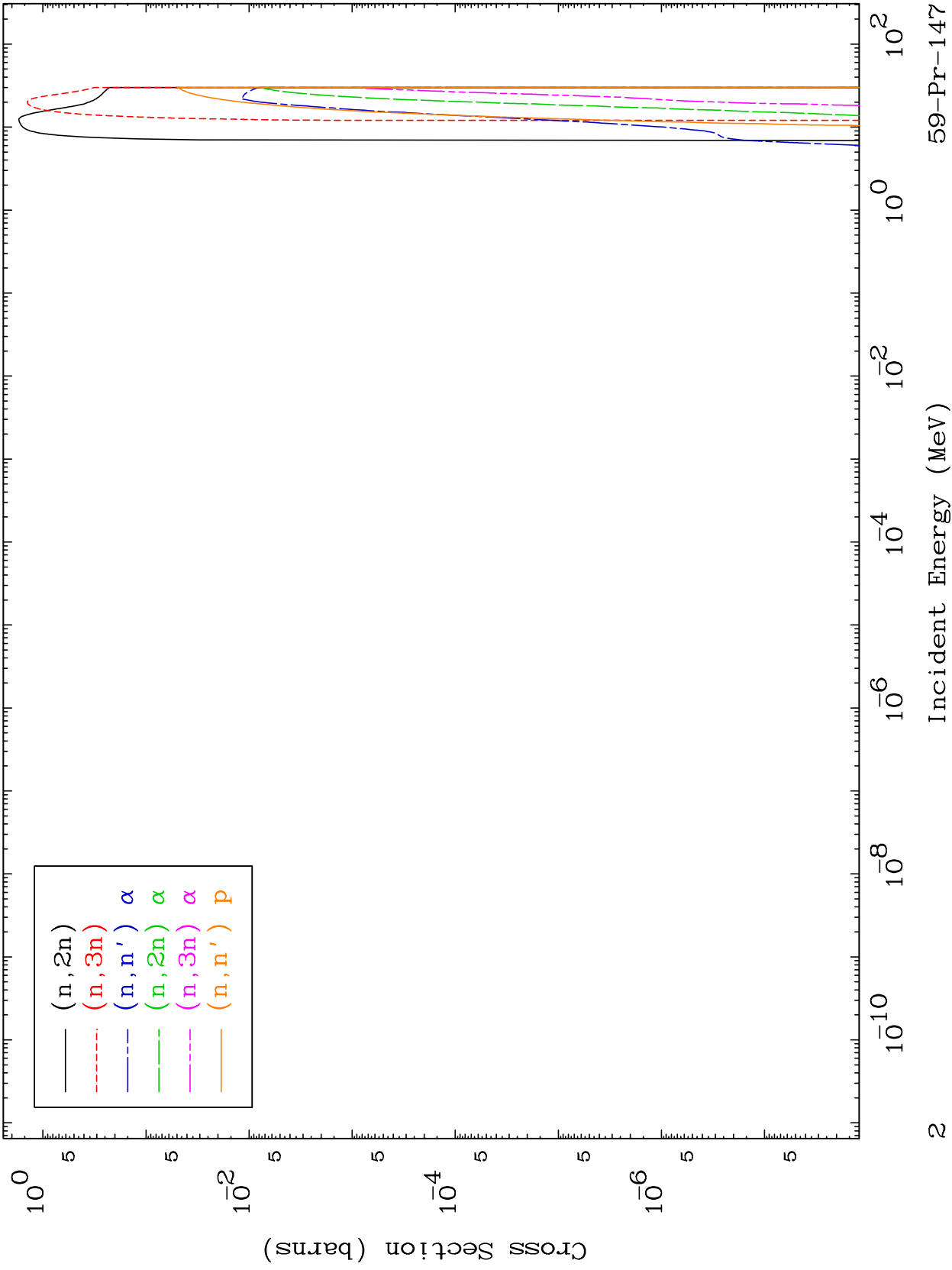
59-Pr-147

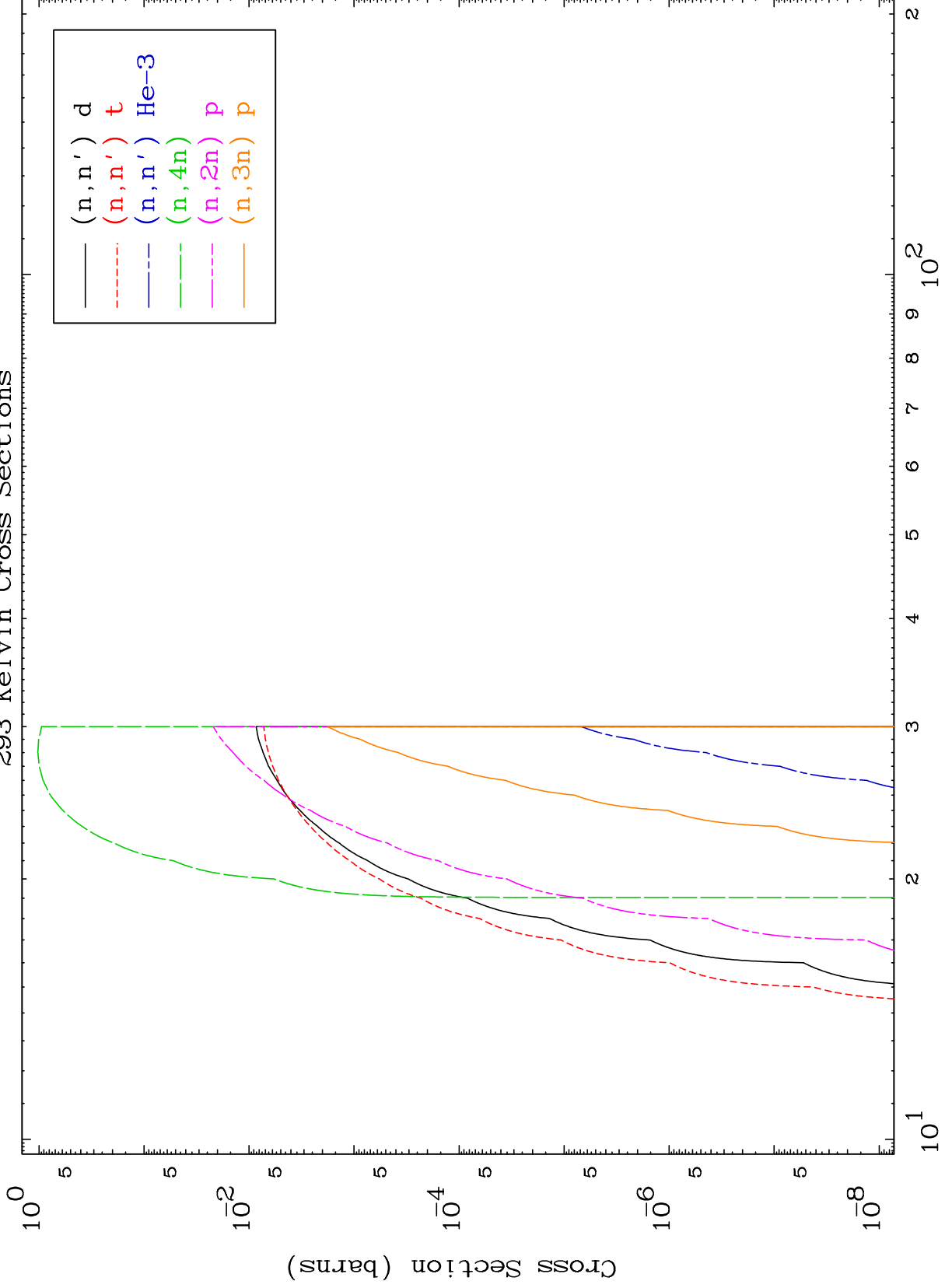


MAT 5943

Neutron Production  
293 Kelvin Cross Sections

59-Pr-147

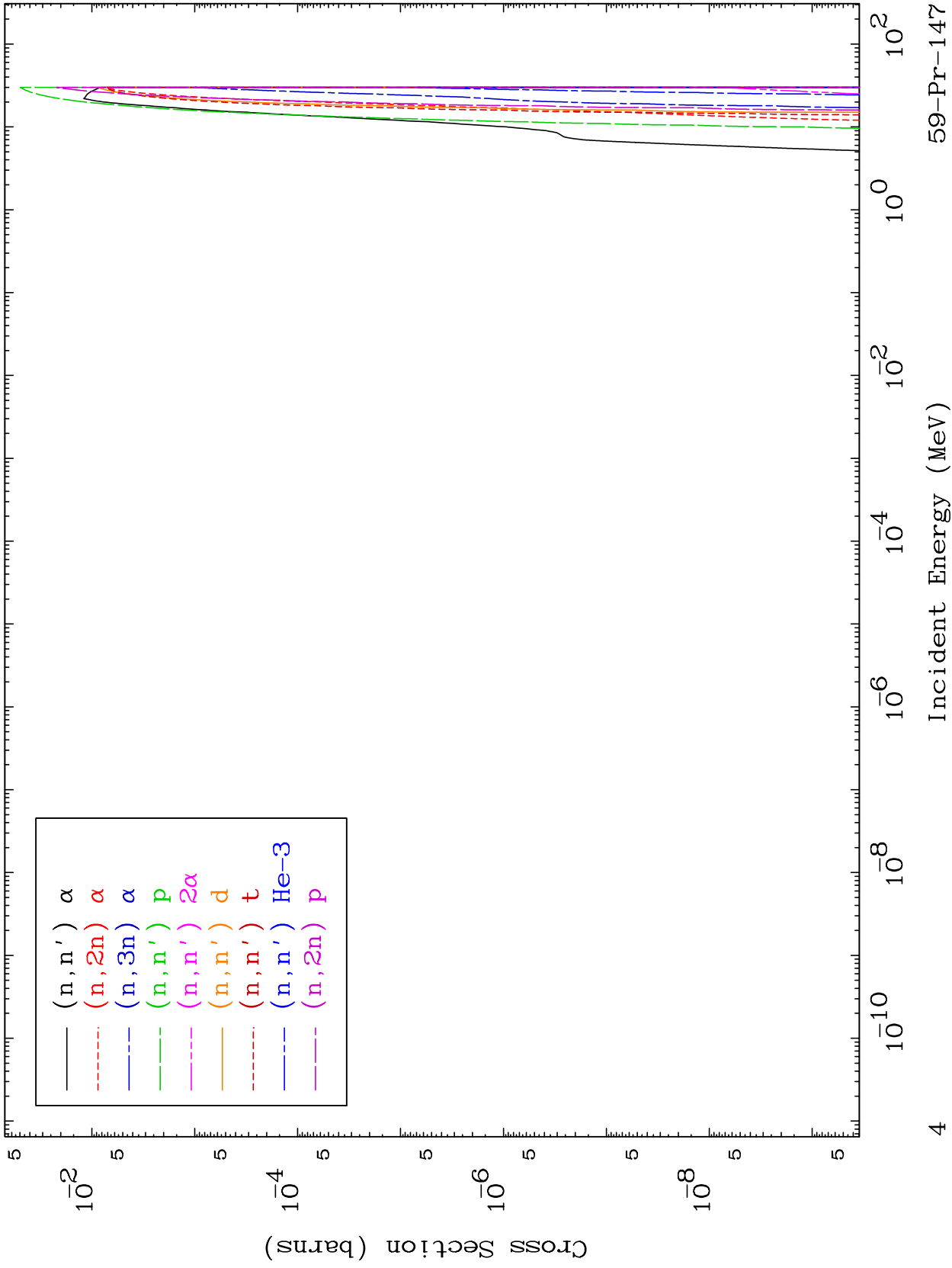




MAT 5943

Charged Particle  
293 Kelvin Cross Sections

59-Pr-147

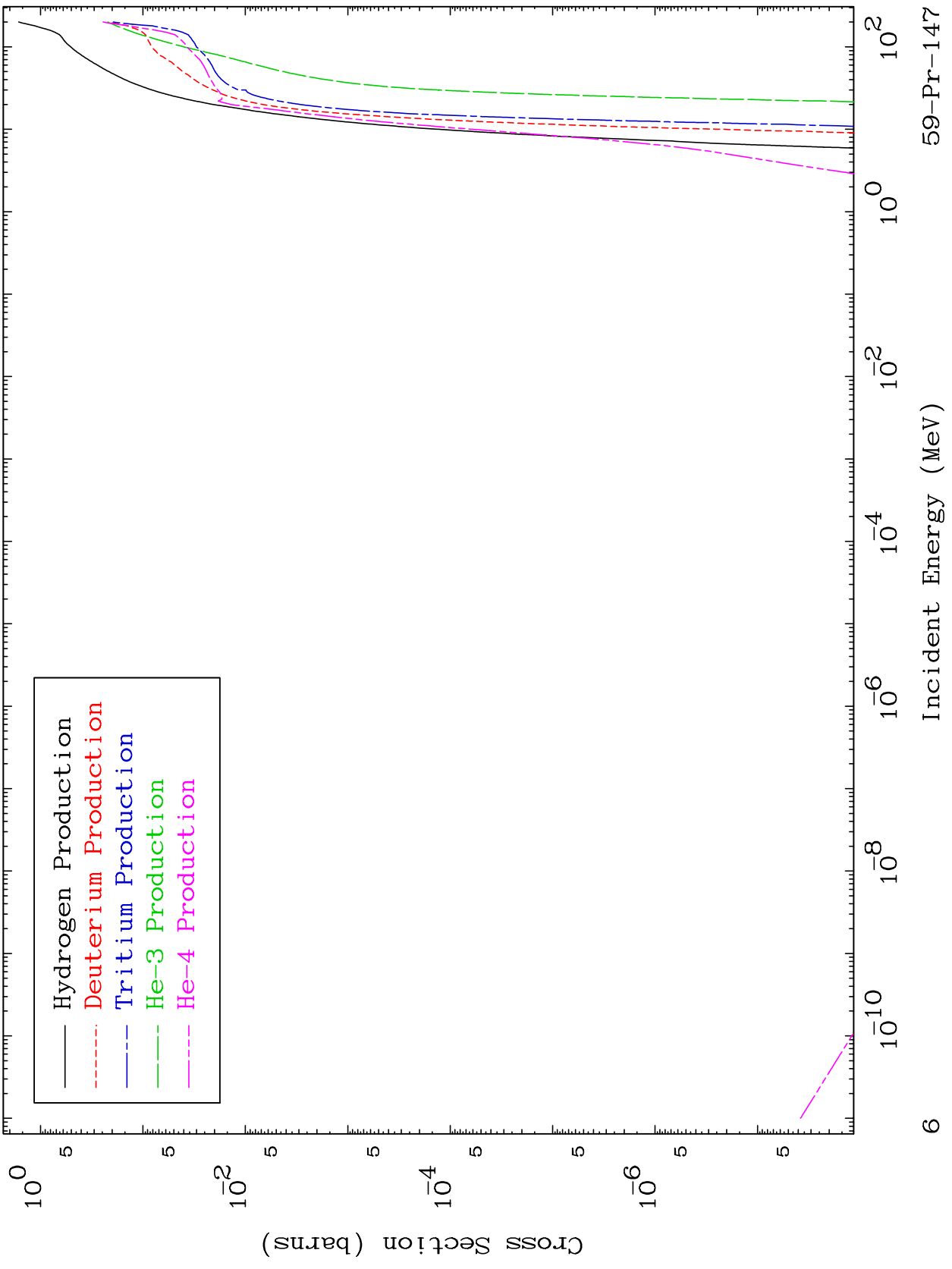


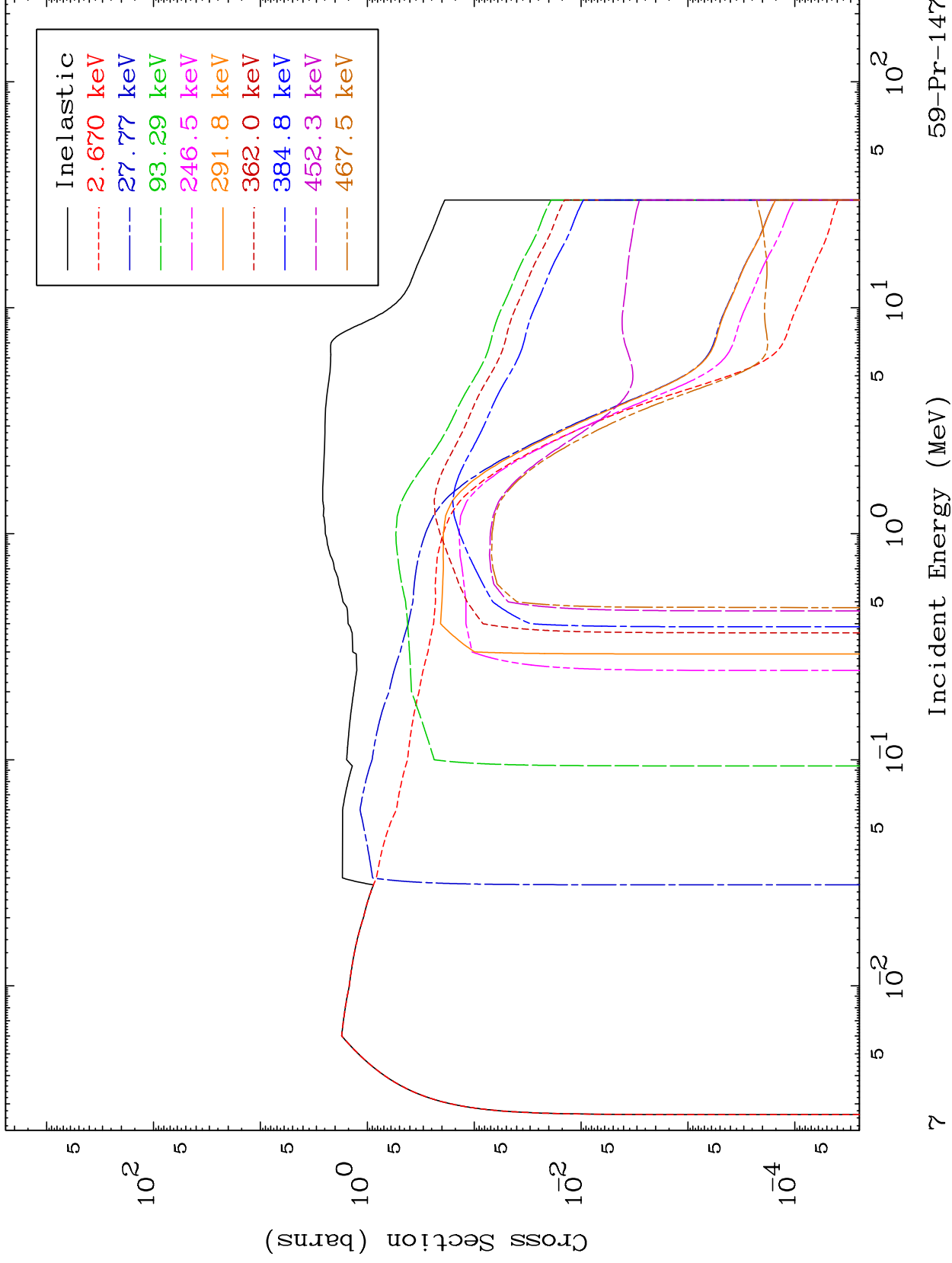


MAT 5943

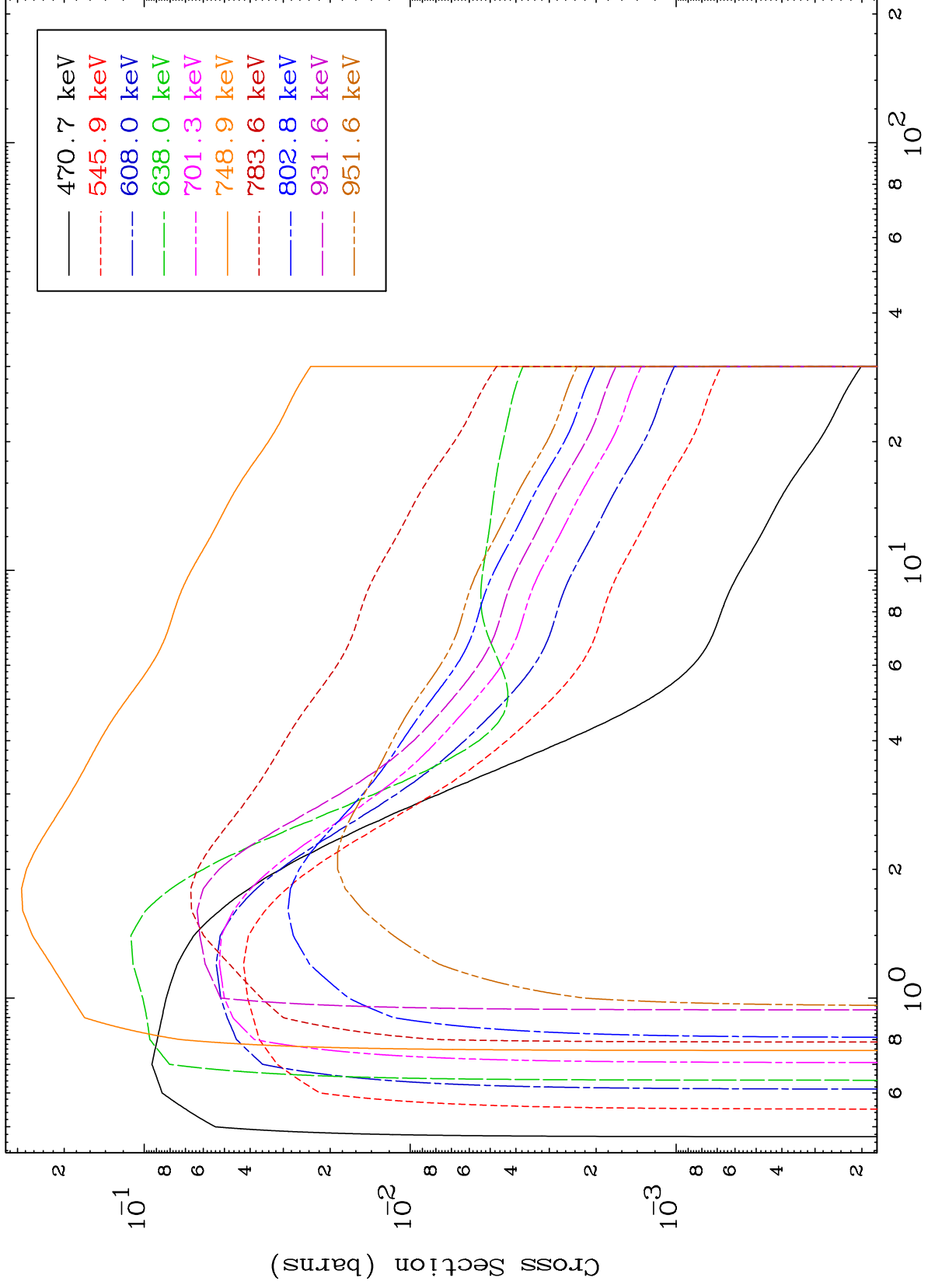
Particle Production  
293 Kelvin Cross Sections

59-Pr-147







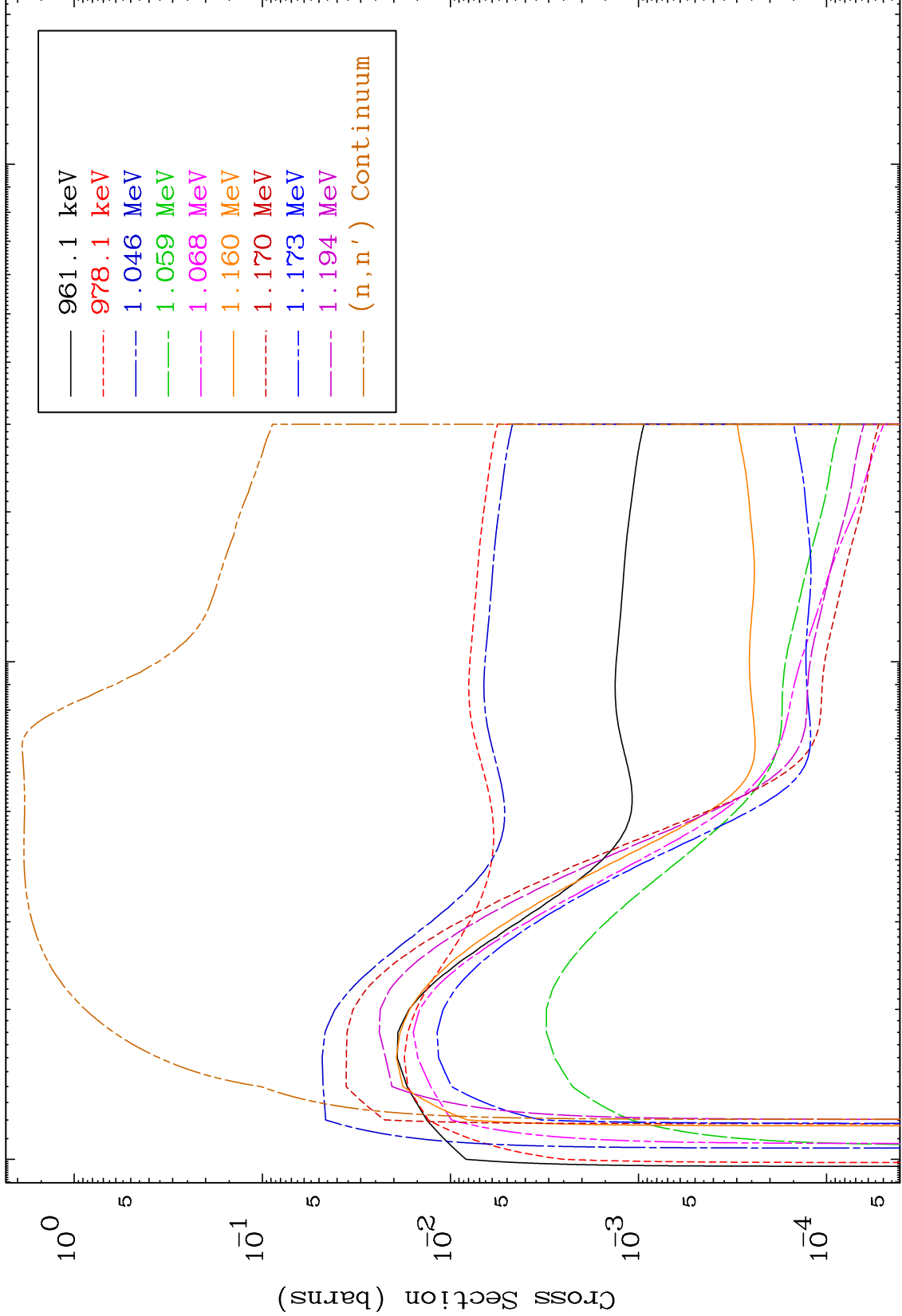


MAT 5943

(n,n') Level

59-Pr-147

293 Kelvin Cross Sections



9

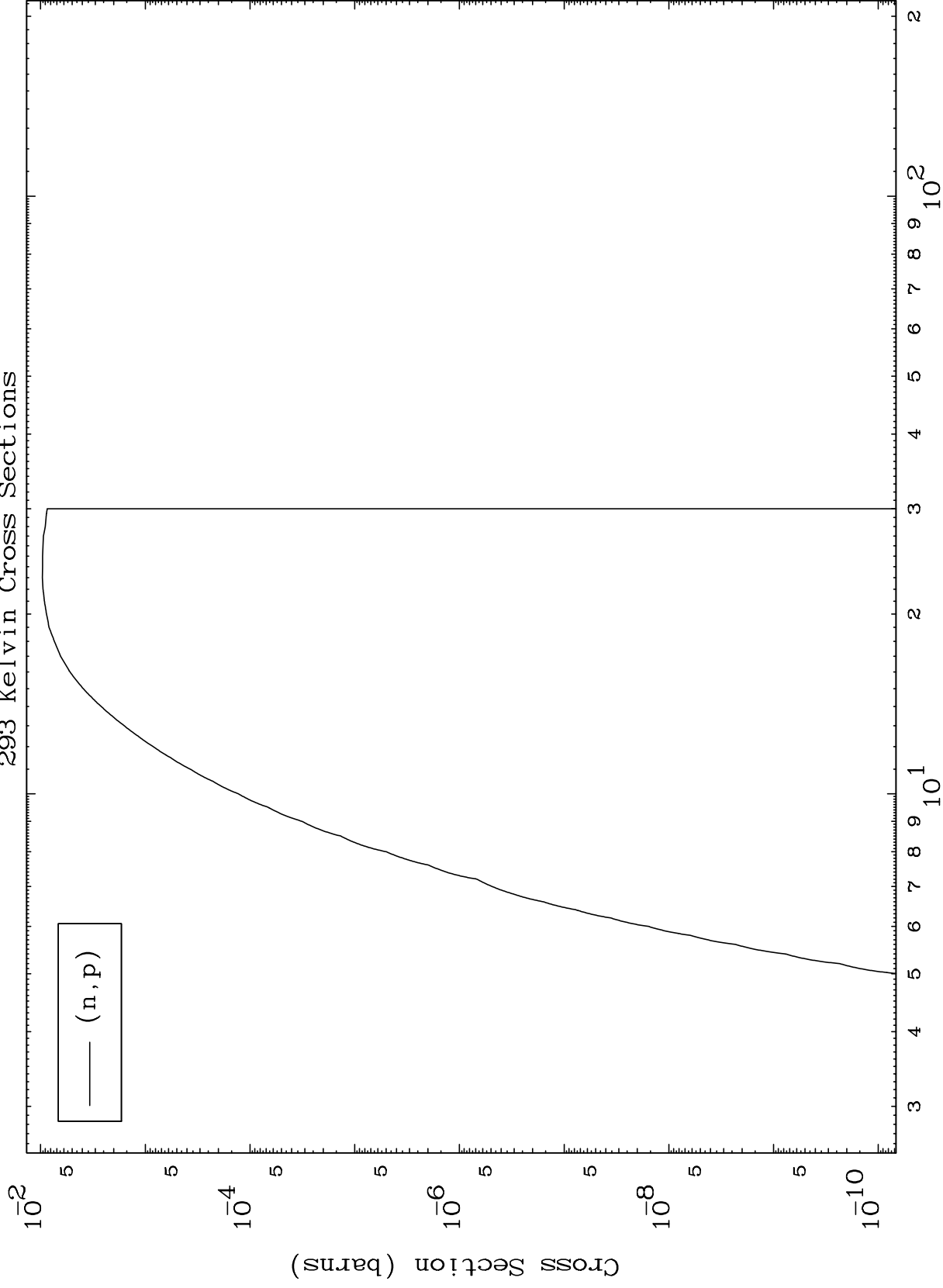
Incident Energy (MeV)

59-Pr-147

MAT 5943

(n,p) Levels  
293 Kelvin Cross Sections

59-Pr-147



10

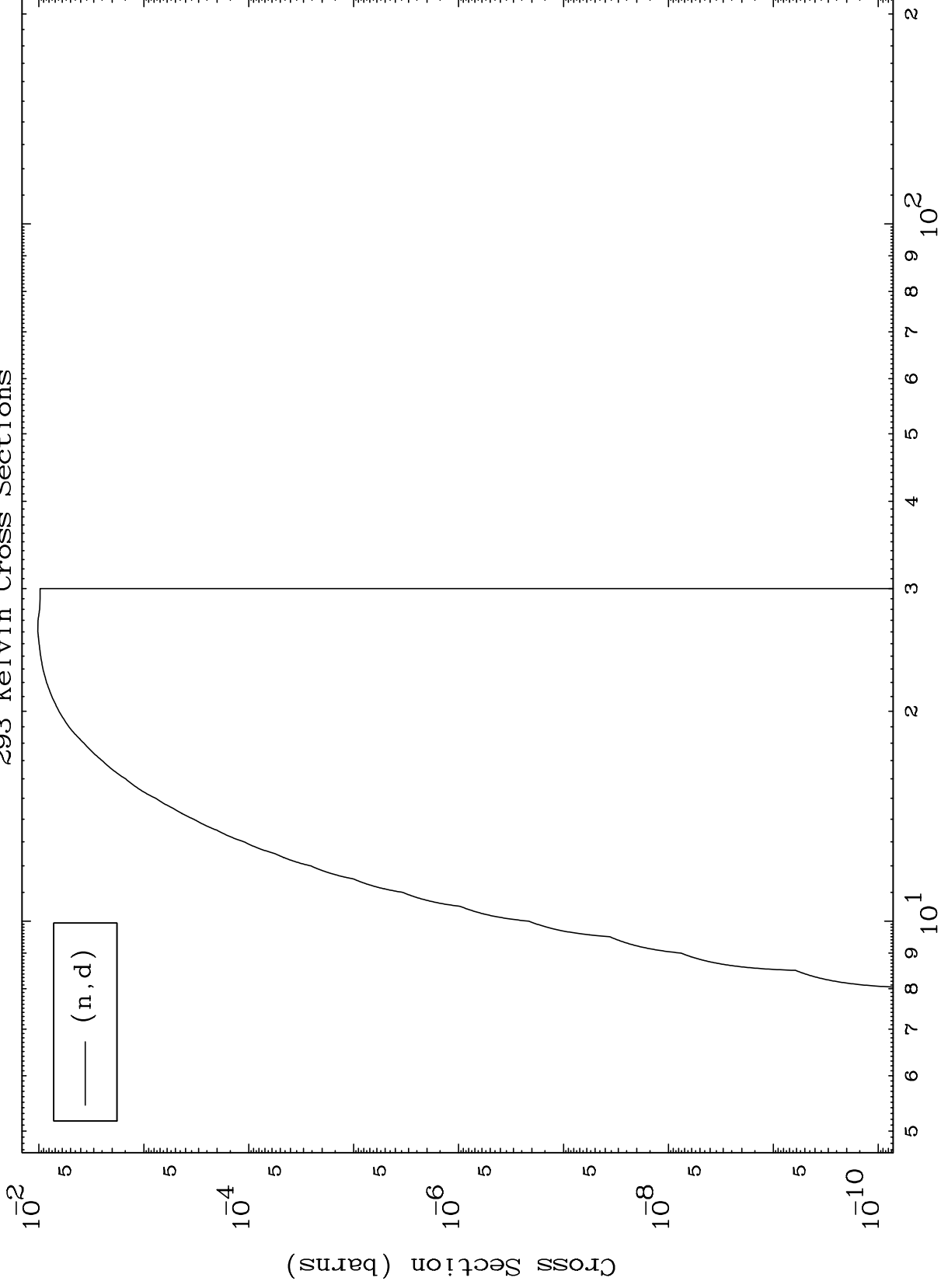
Incident Energy (MeV)

59-Pr-147

MAT 5943

(n,d) Levels  
293 Kelvin Cross Sections

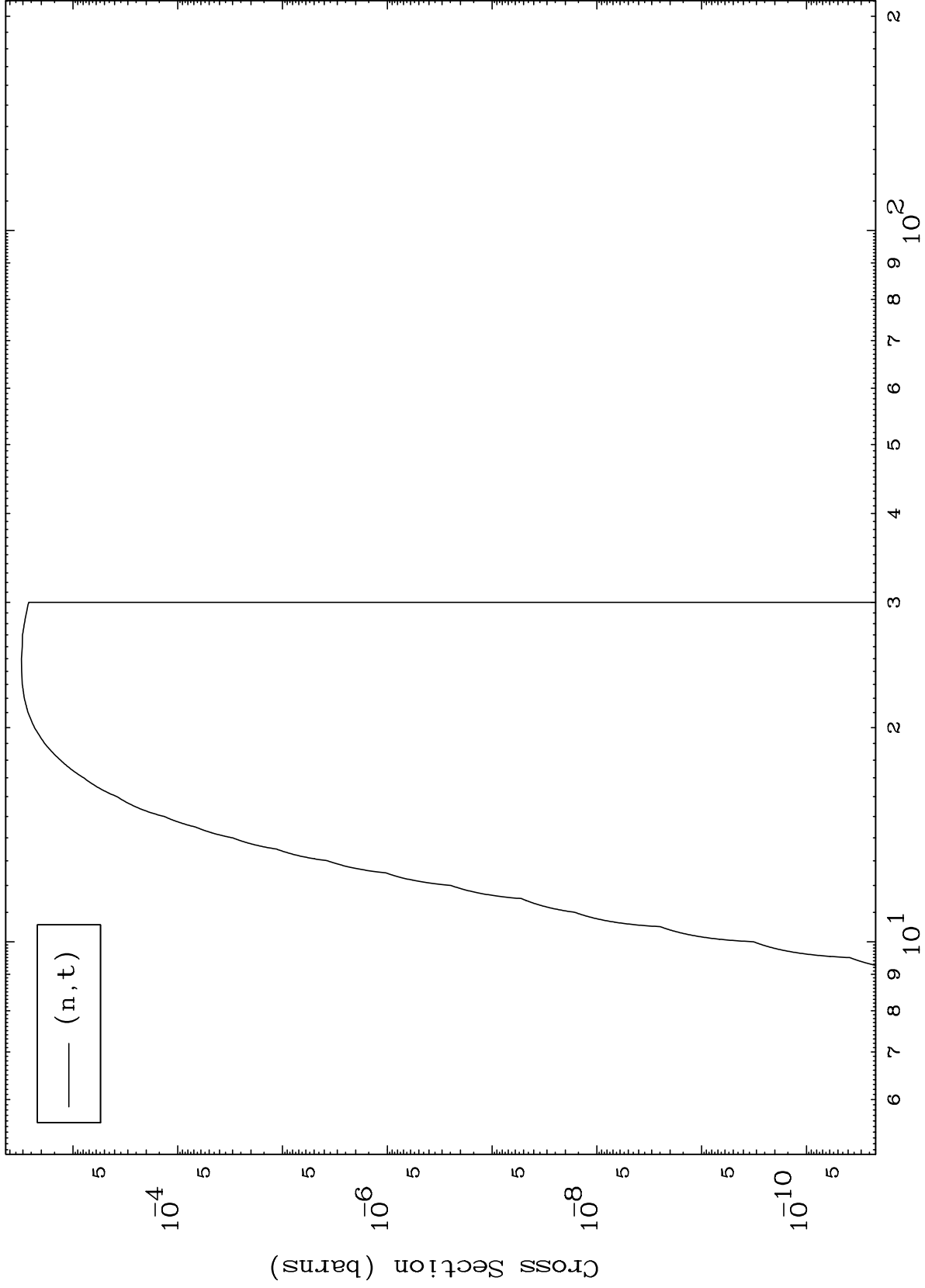
59-Pr-147



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Incident Energy (MeV)

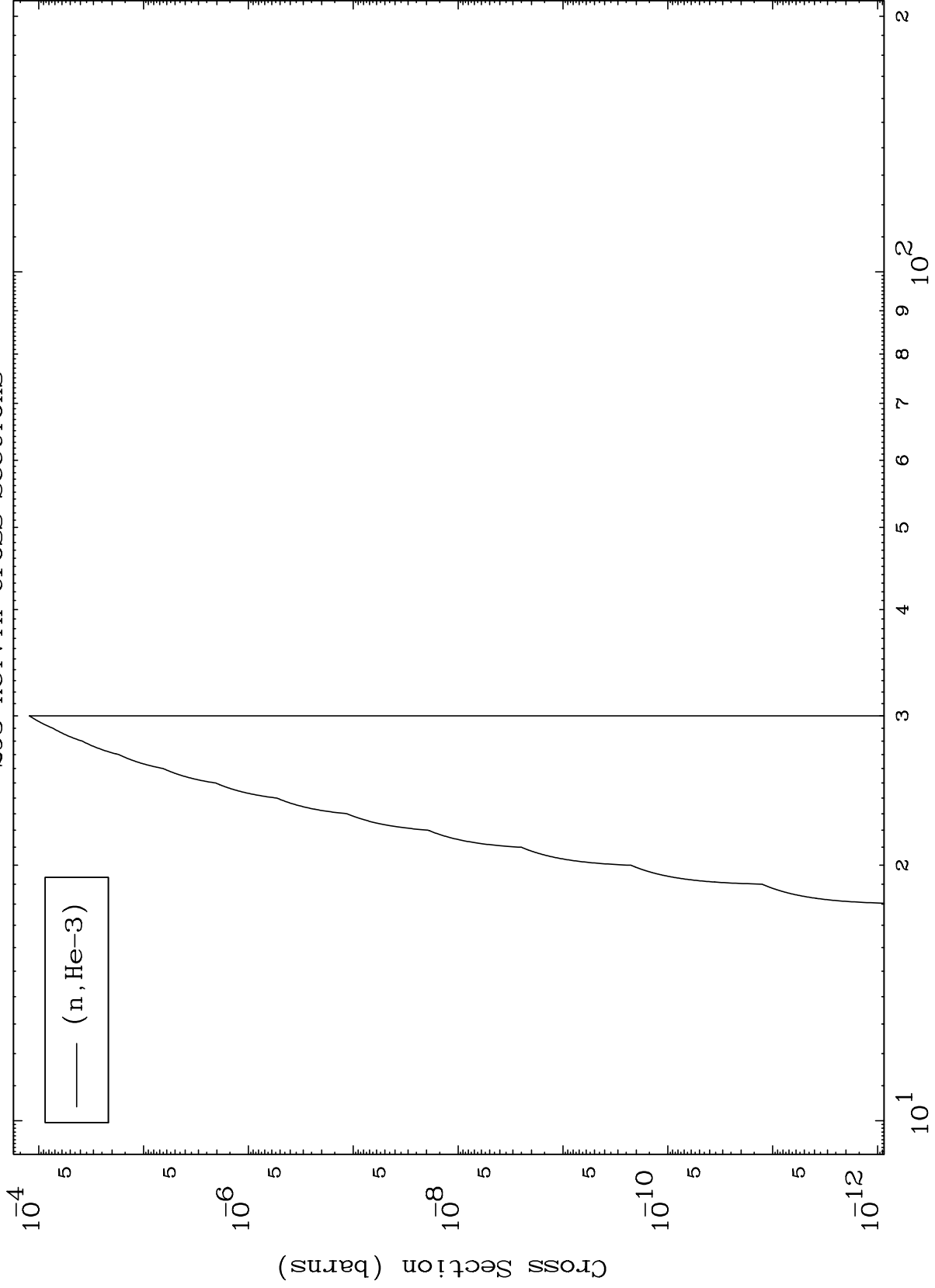
59-Pr-147



MAT 5943

(n,He3) Levels  
293 Kelvin Cross Sections

59-Pr-147



13

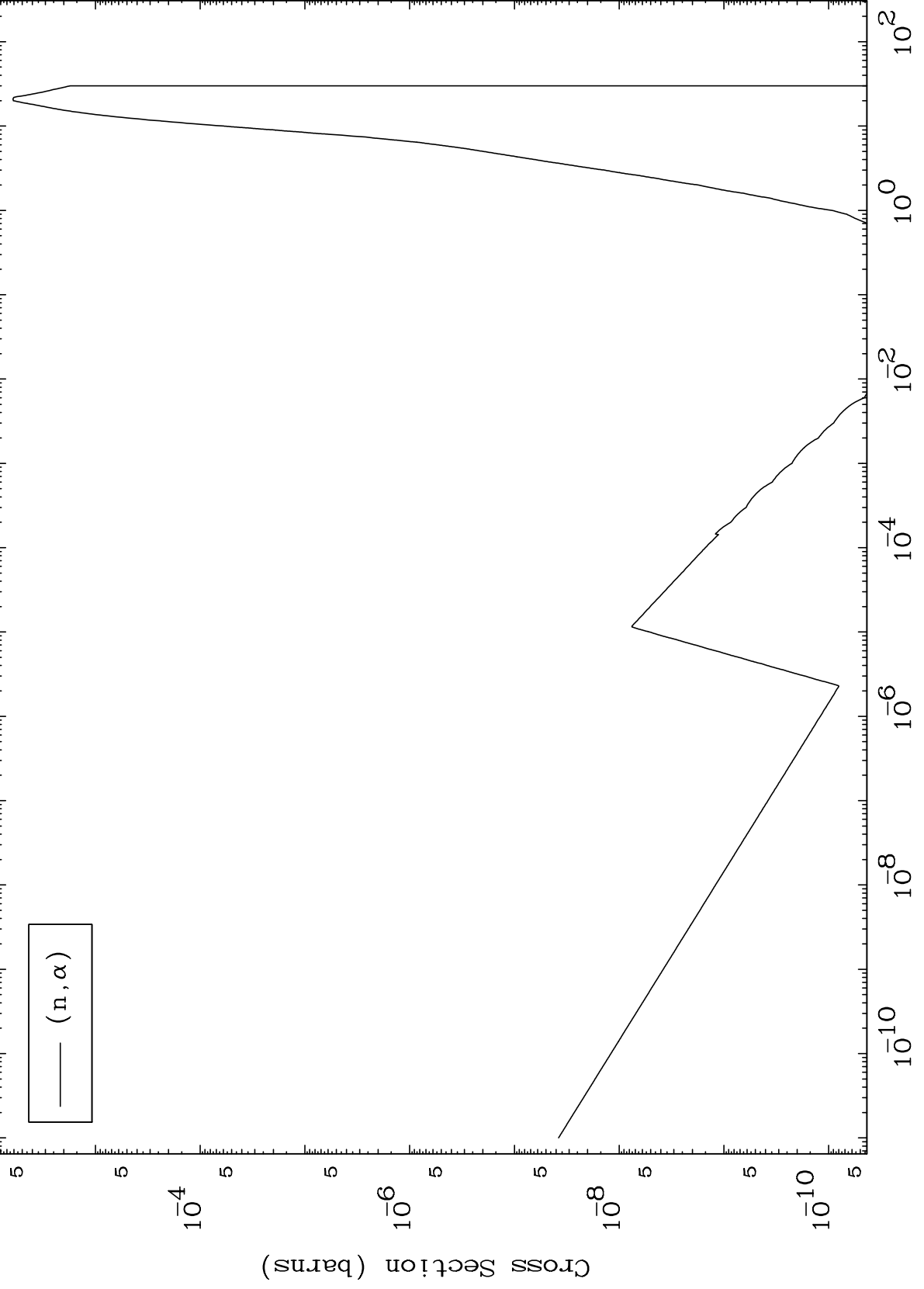
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

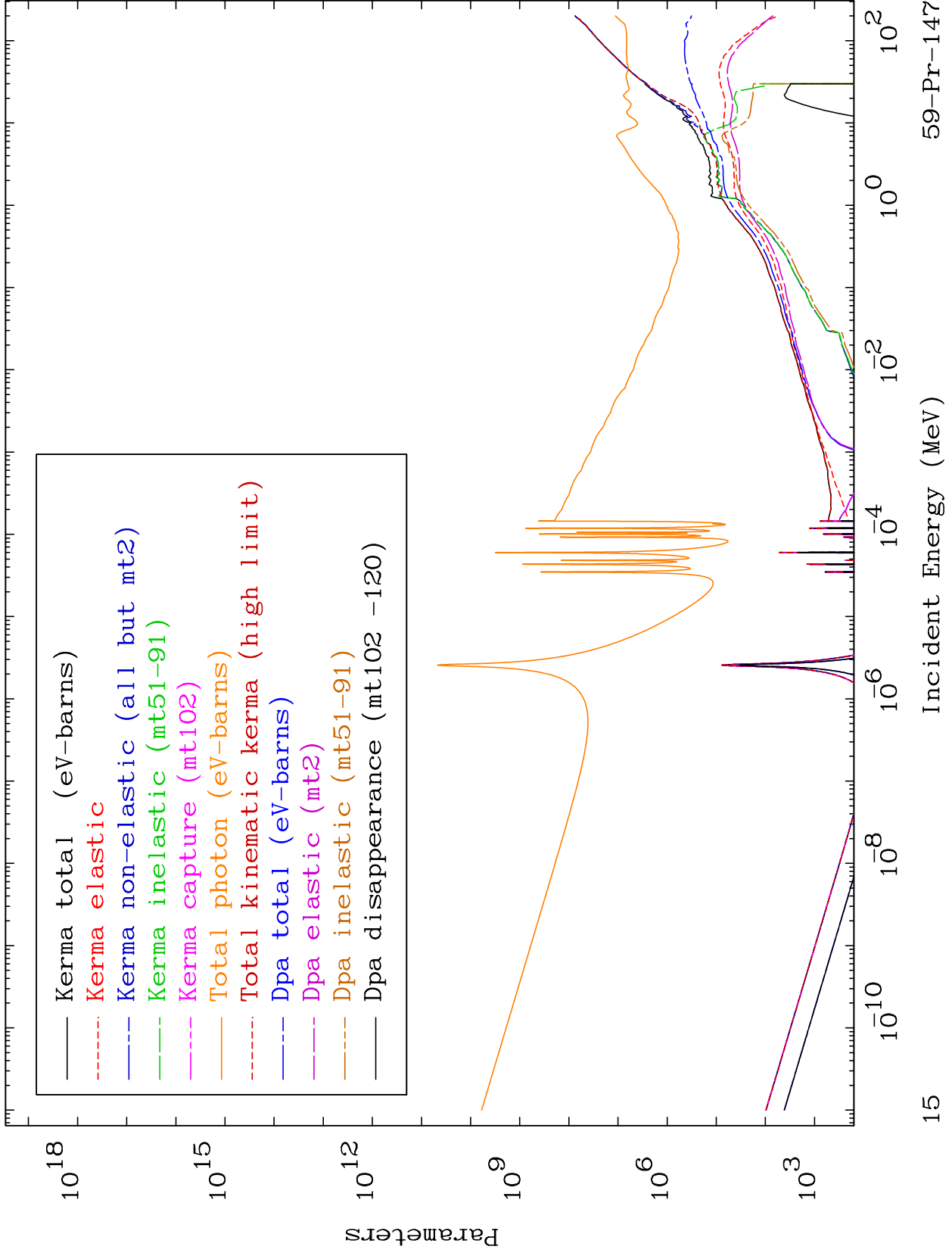
59-Pr-147



14

Incident Energy (MeV)

59-Pr-147

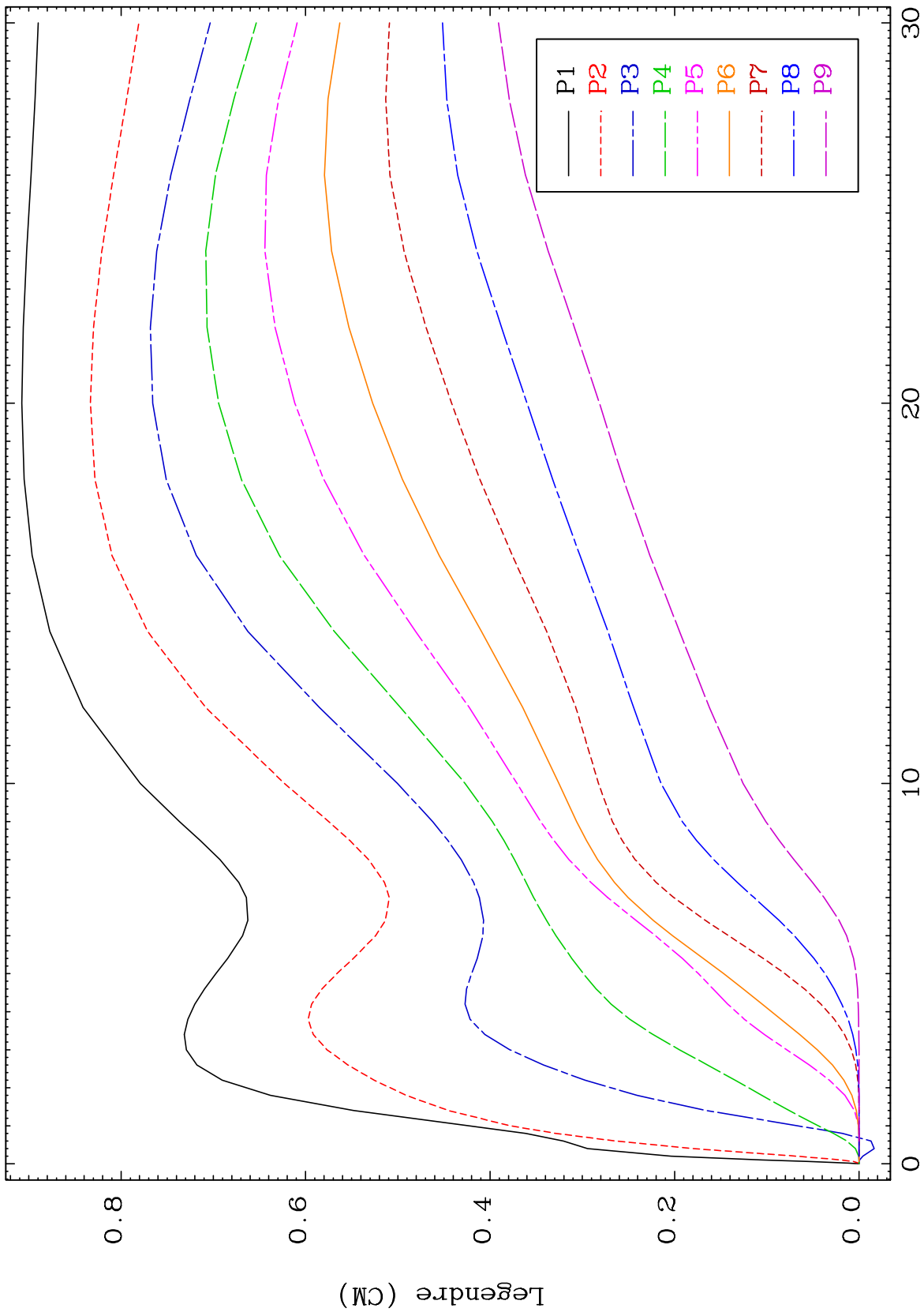




MAT 5943

59-Pr-147

Elastic Legendre Coefficients



59-Pr-147

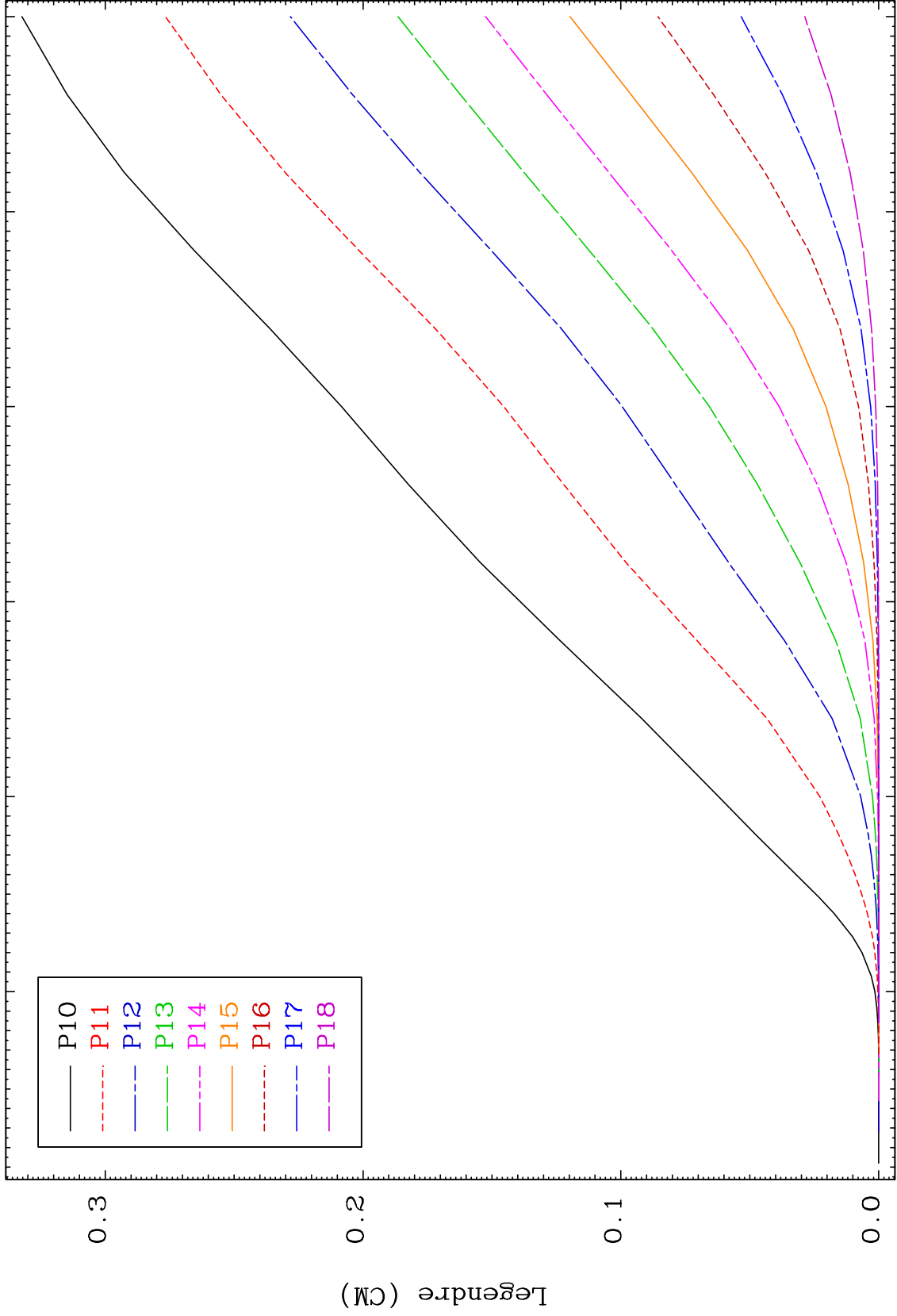
Incident Energy (MeV)

16

MAT 5943

### Elastic Legendre Coefficients

59-Pr-147



17

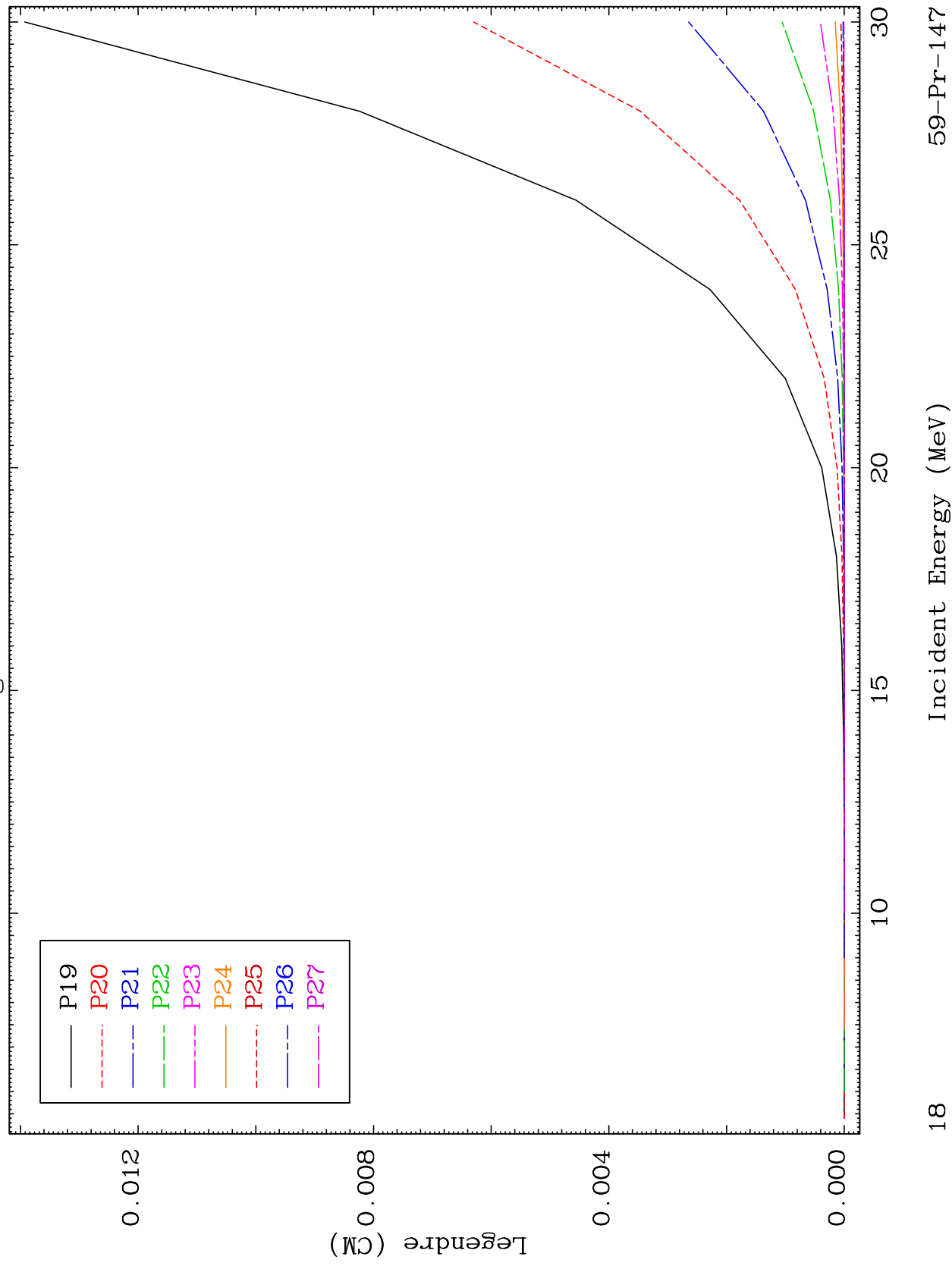
59-Pr-147

Incident Energy (MeV)

MAT 5943

### Elastic Legendre Coefficients

59-Pr-147



18

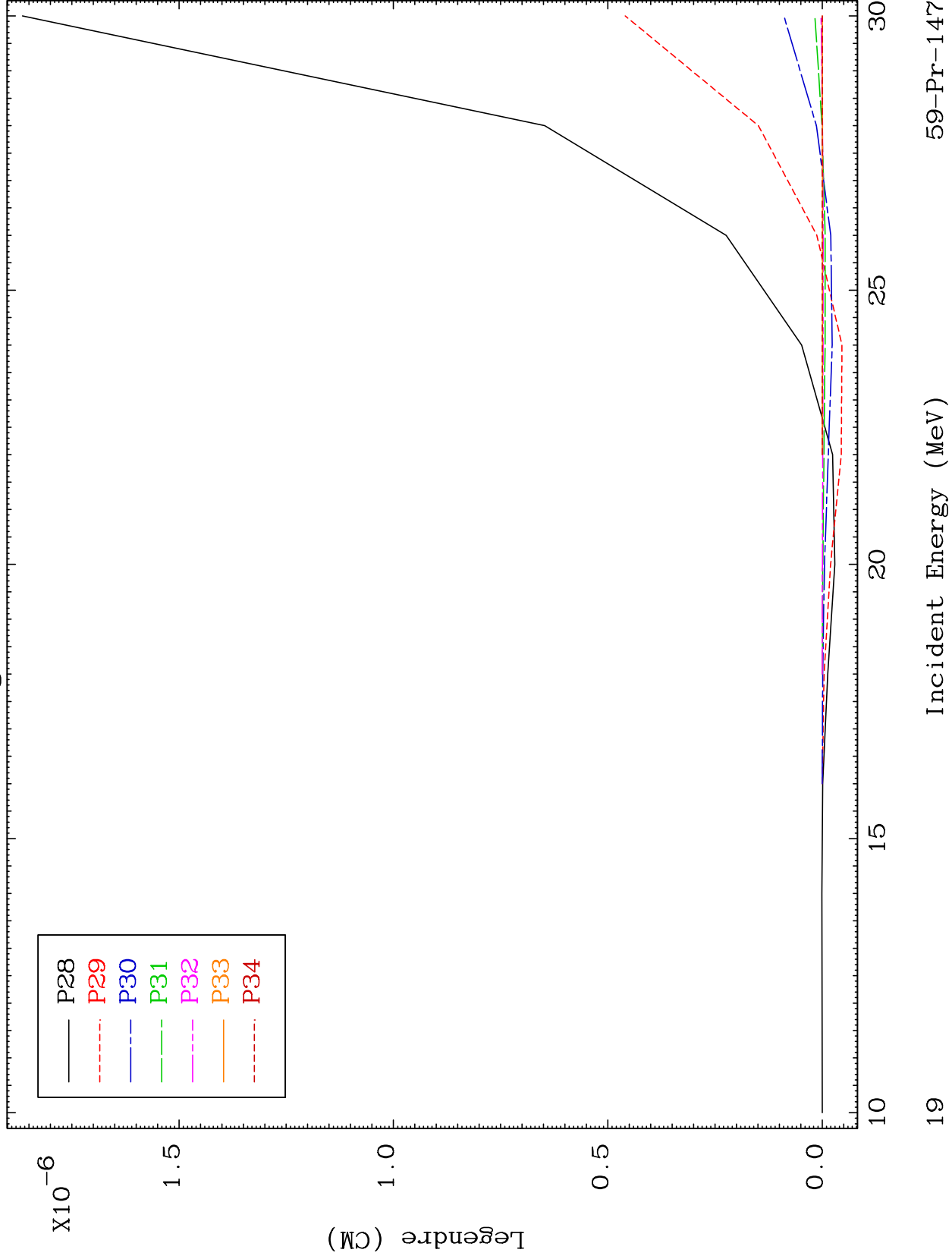
Incident Energy (MeV)

59-Pr-147

MAT 5943

Elastic Legendre Coefficients

59-Pr-147



59-Pr-147

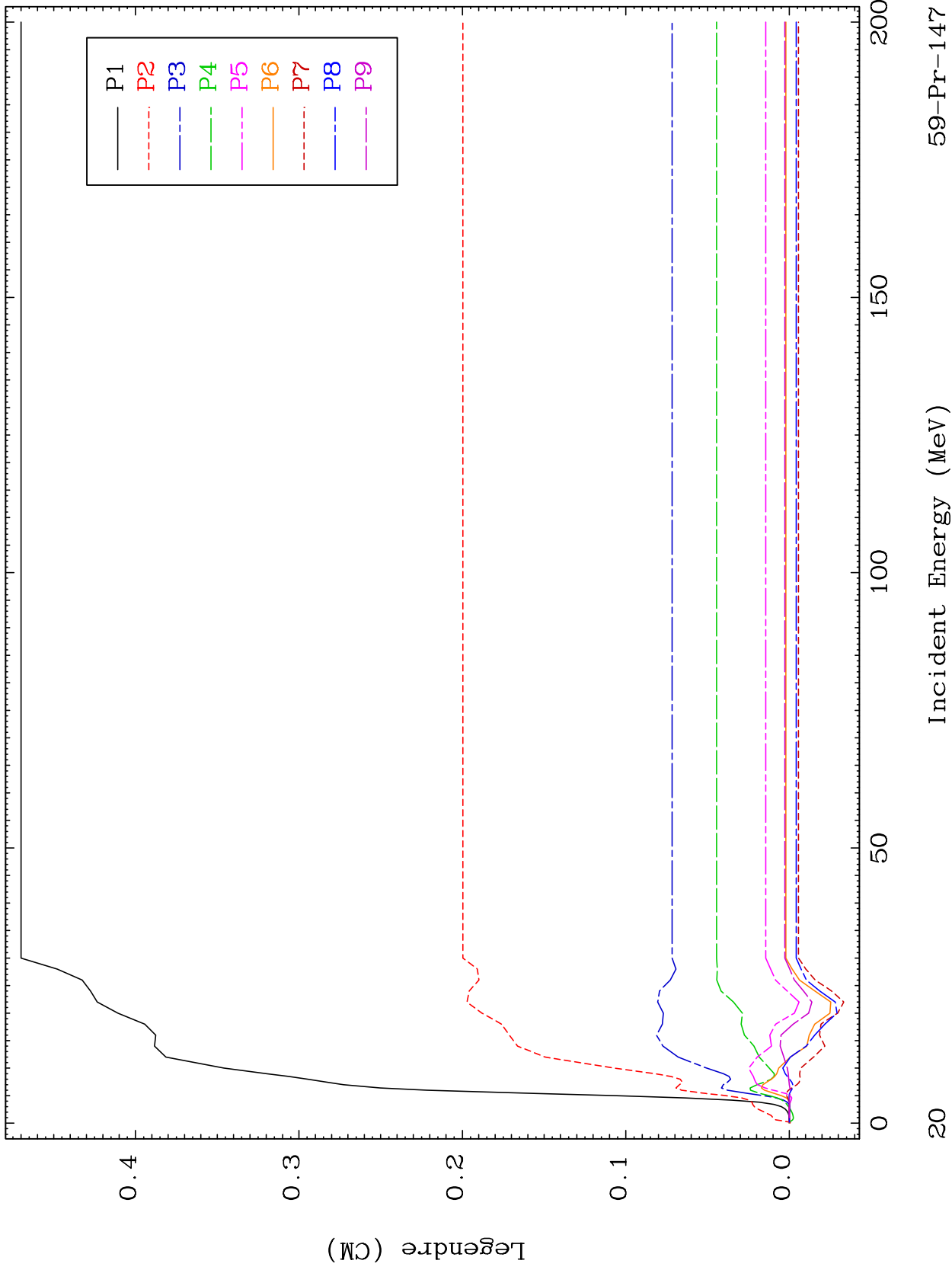
Incident Energy (MeV)

19

MAT 5943

2.670 keV (n,n') Level  
Legendre Coefficients

59-Pr-147

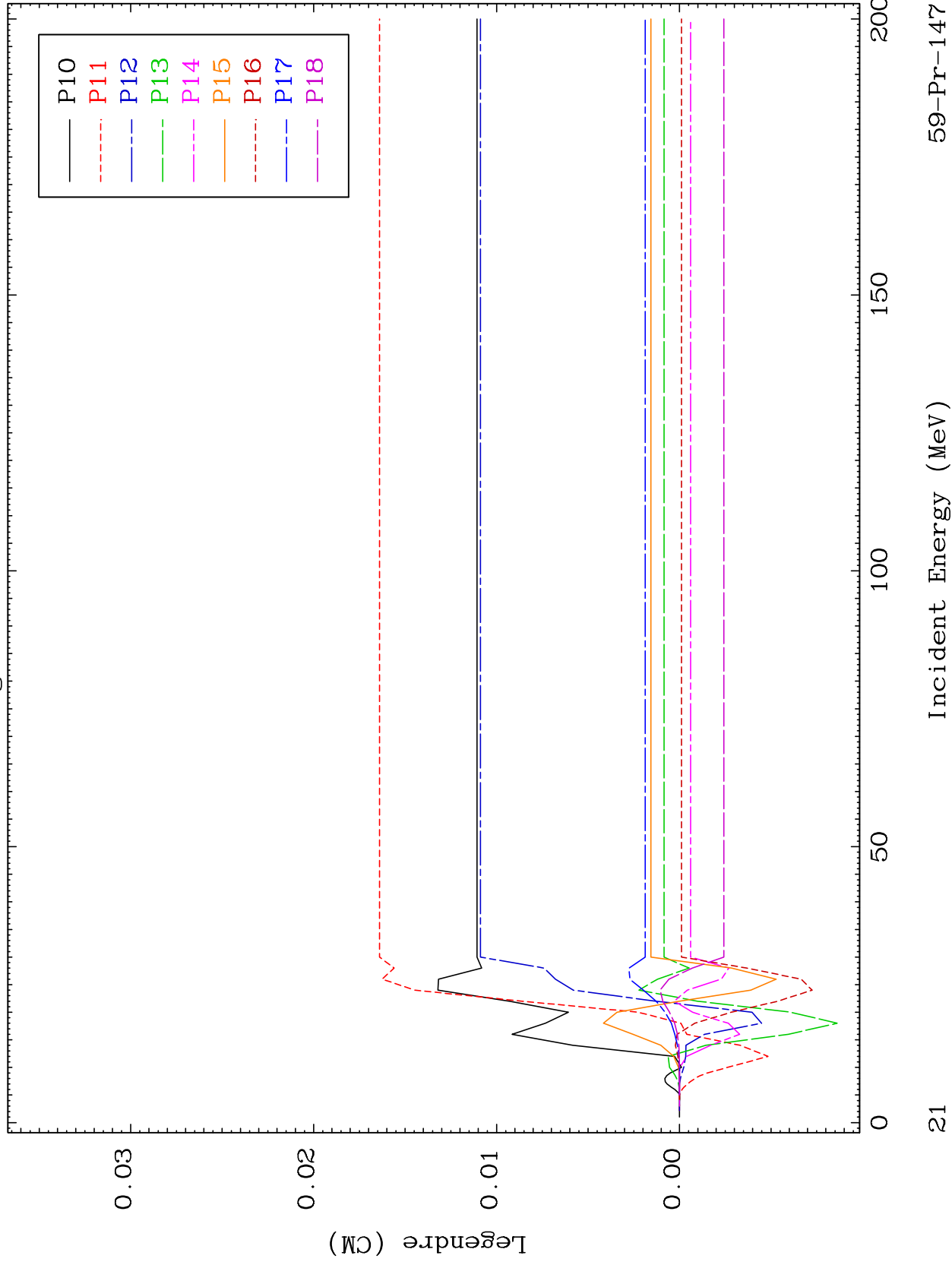


59-Pr-147

MAT 5943

2.670 keV (n,n') Level  
Legendre Coefficients

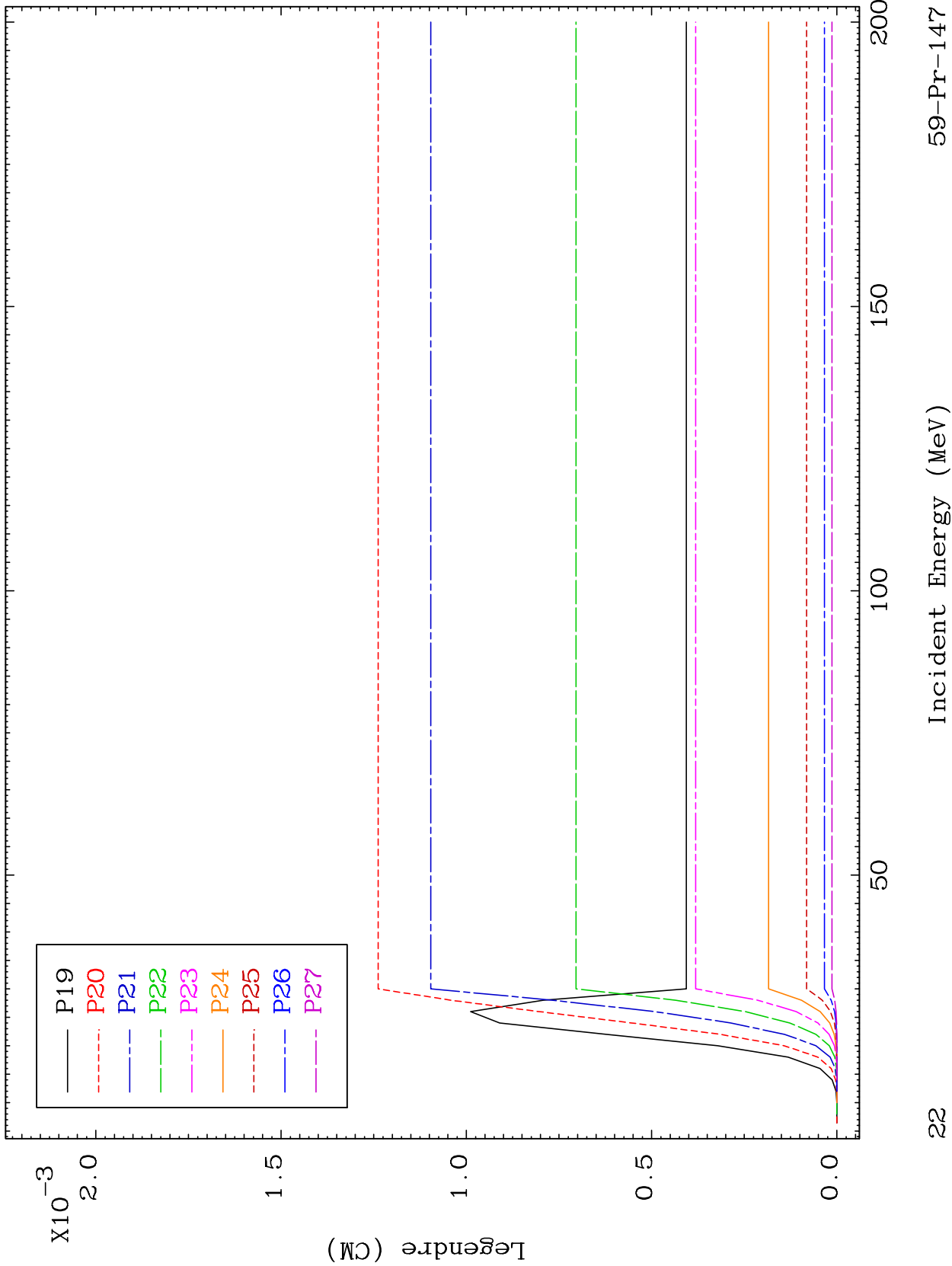
59-Pr-147



59-Pr-147

Incident Energy (MeV)

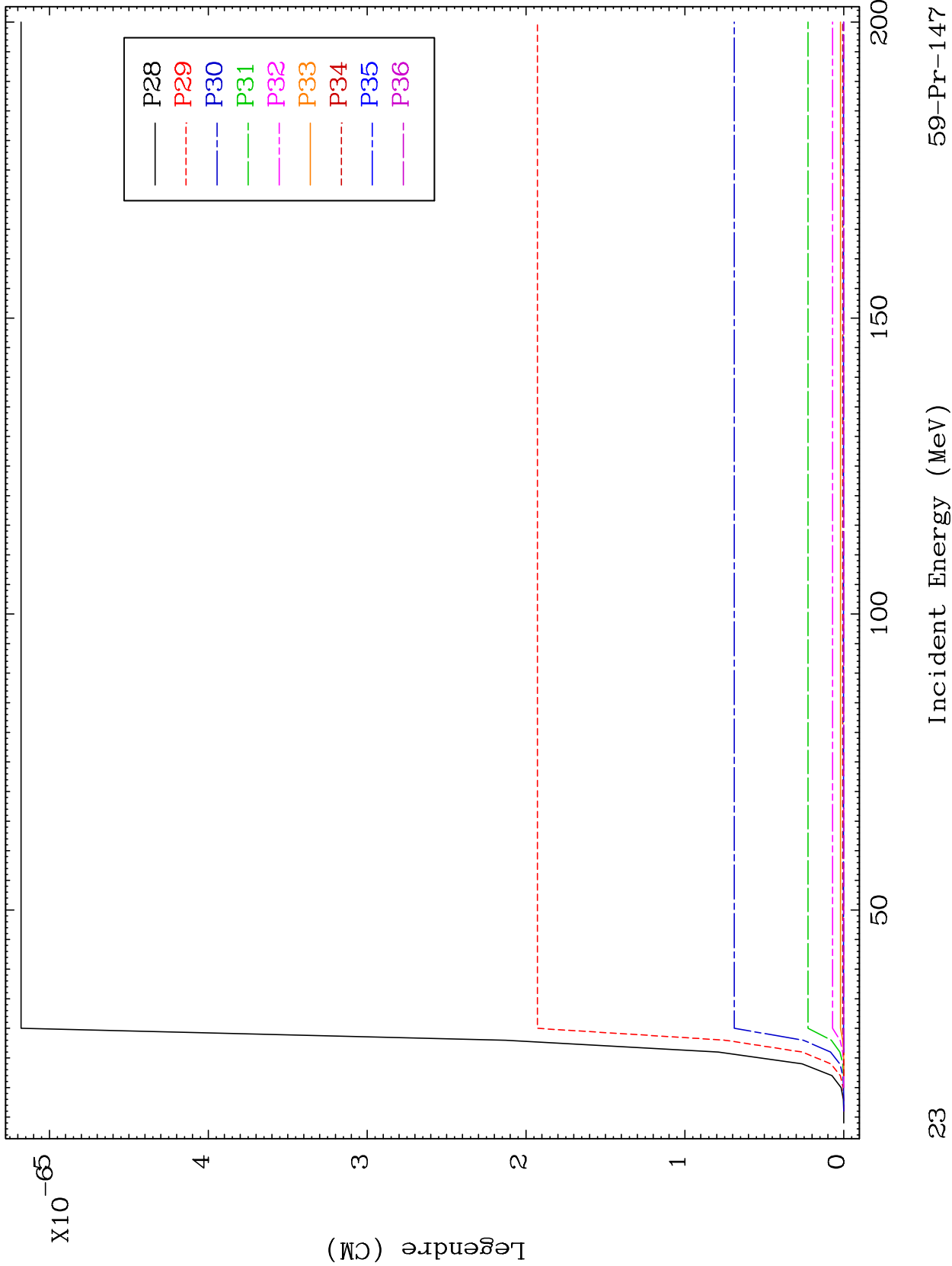
21



MAT 5943

2.670 keV (n, n') Level  
Legendre Coefficients

59-Pr-147



23

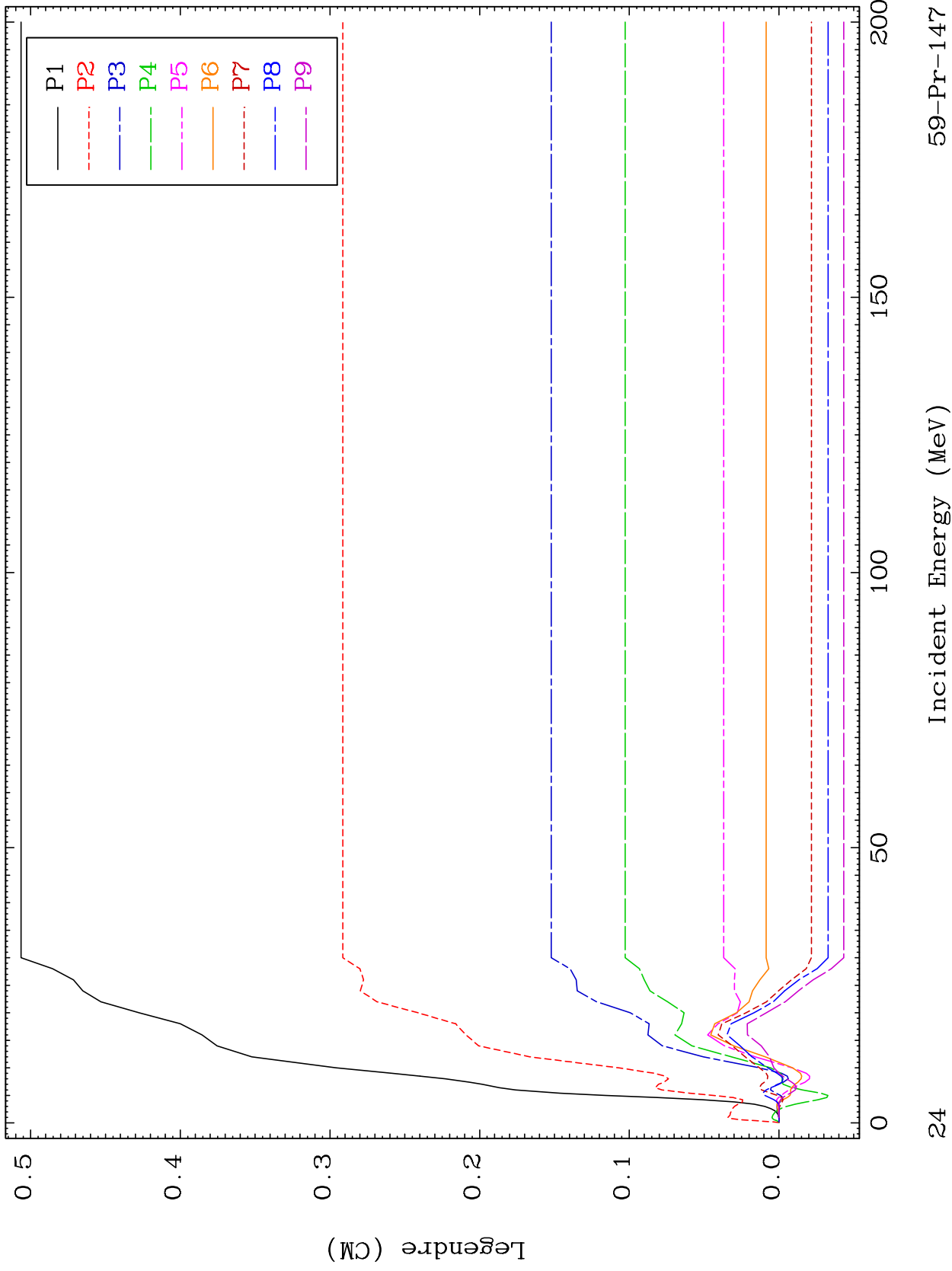
59-Pr-147



MAT 5943

27.77 keV (n, n') Level  
Legendre Coefficients

59-Pr-147

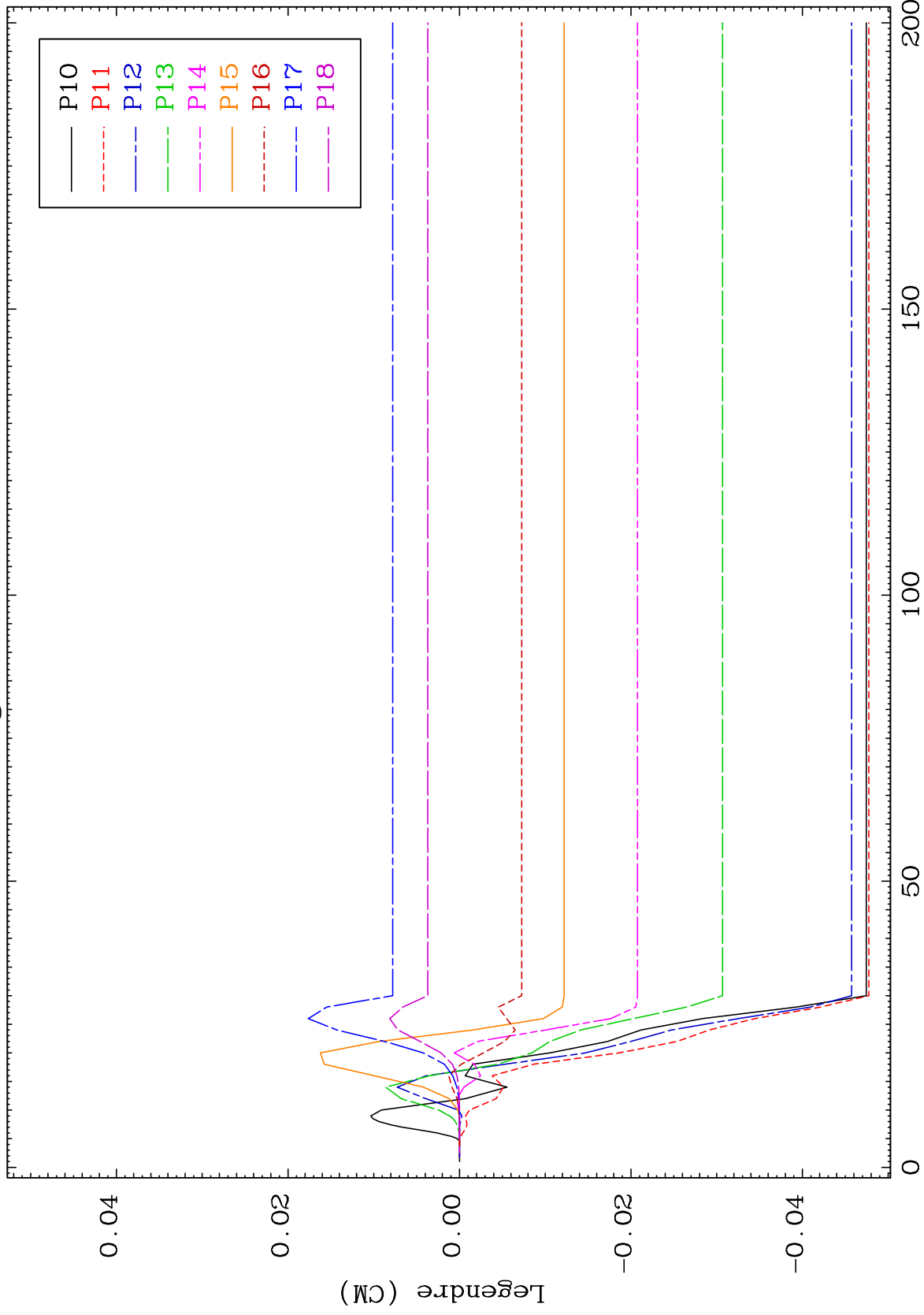


24

MAT 5943

27.77 keV (n,n') Level  
Legendre Coefficients

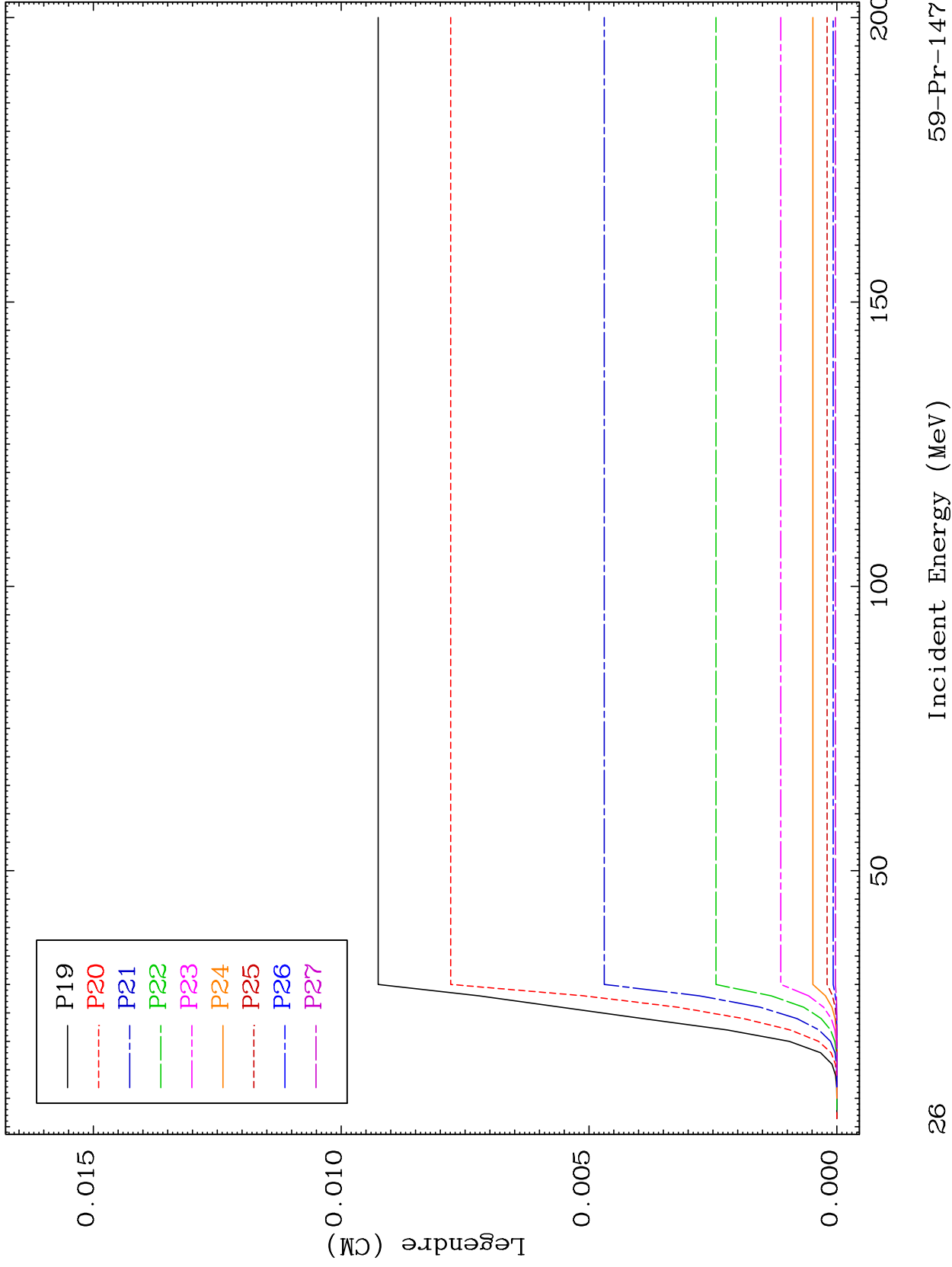
59-Pr-147



25

Incident Energy (MeV)

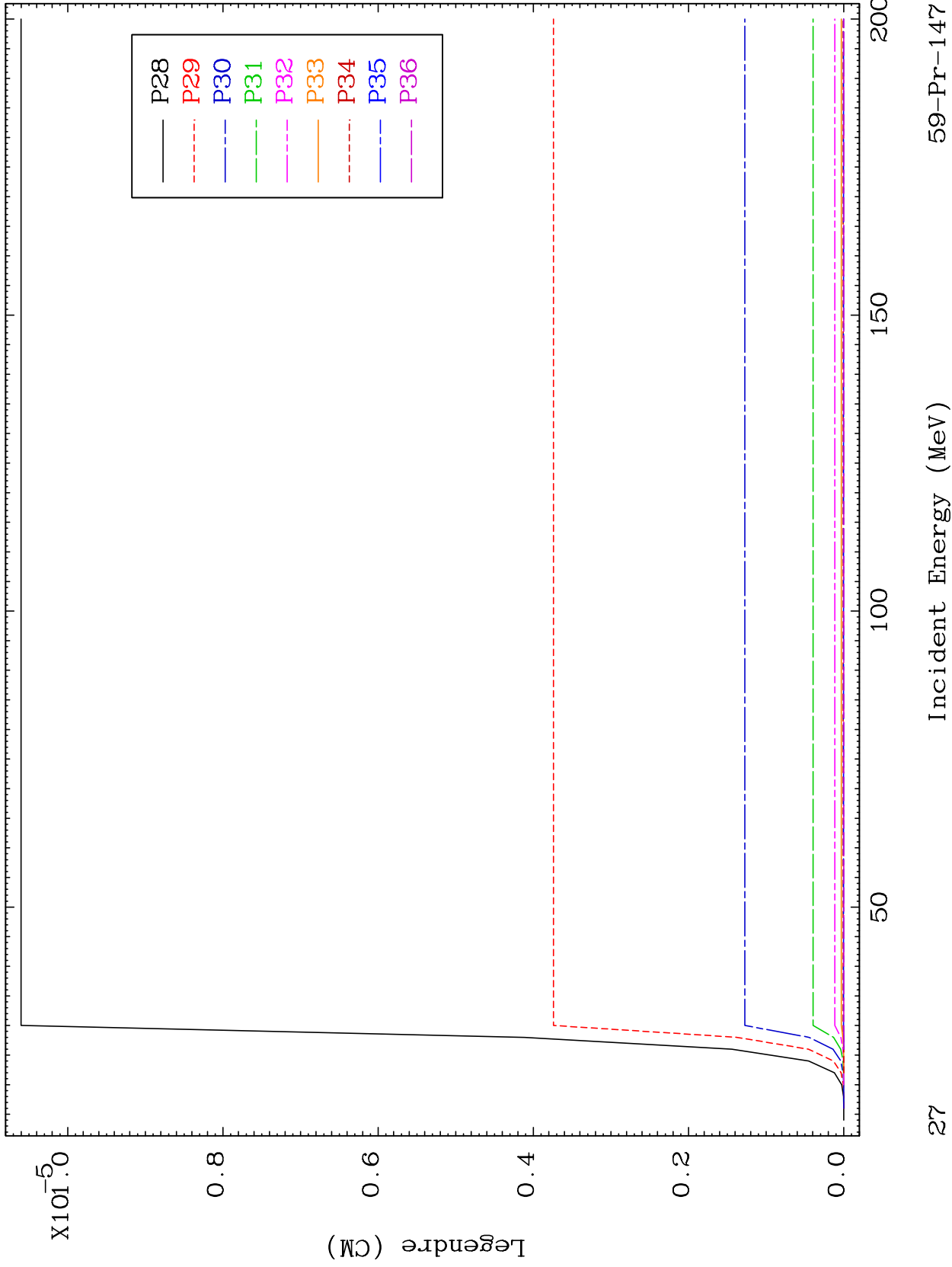
59-Pr-147



MAT 5943

27.77 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



27

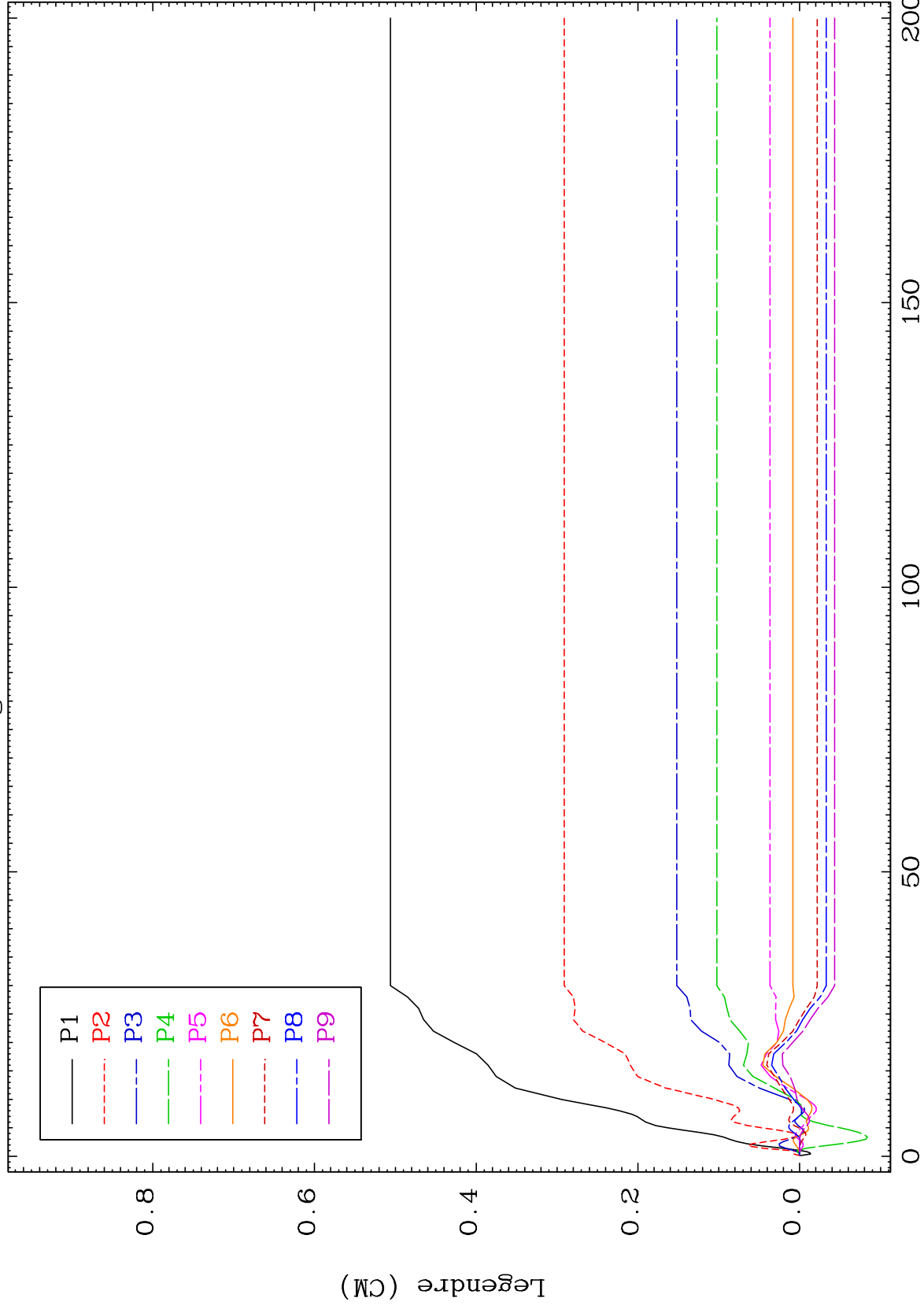
Incident Energy (MeV)

59-Pr-147

MAT 5943

93.29 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

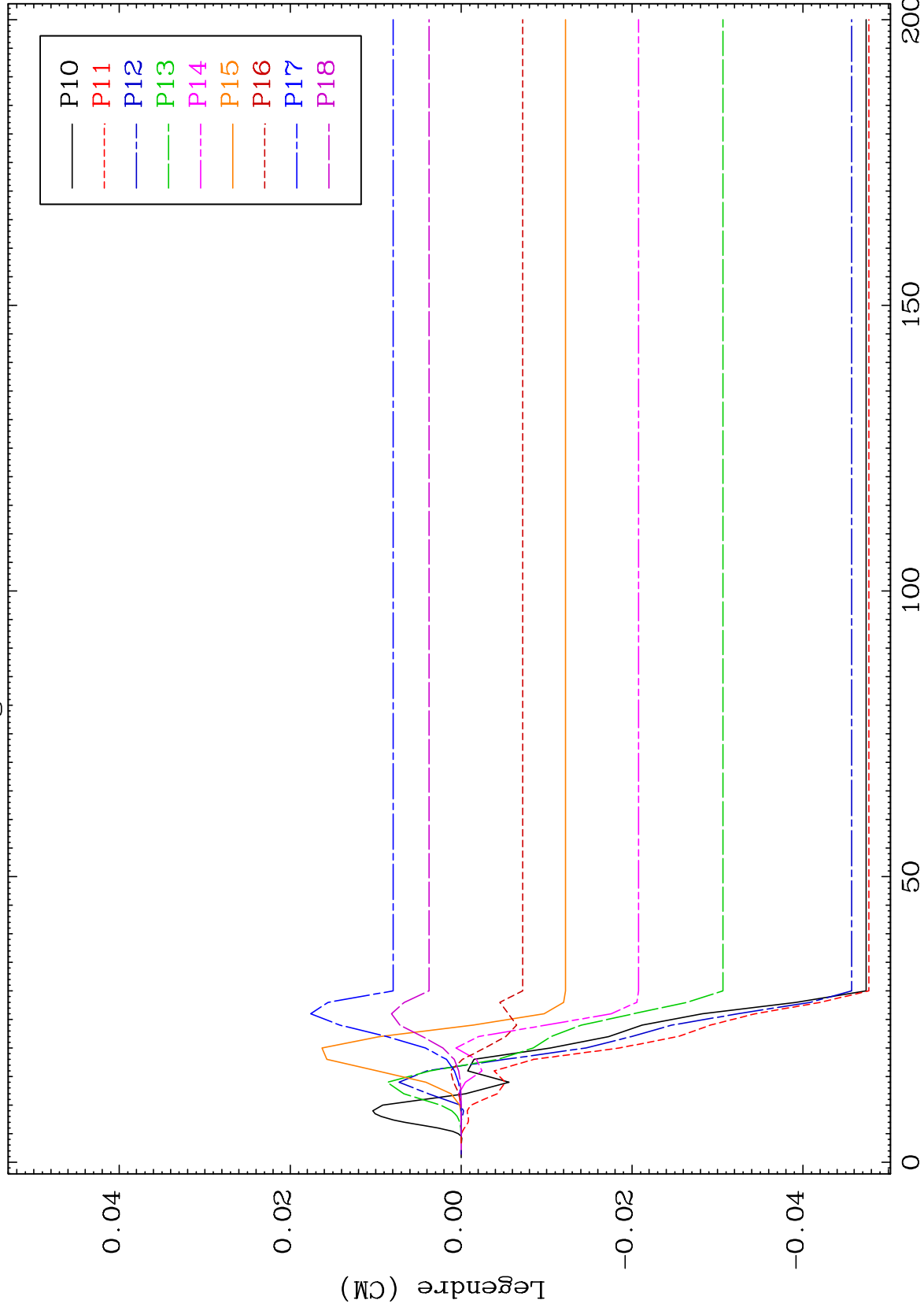
Incident Energy (MeV)

28

MAT 5943

93.29 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



29

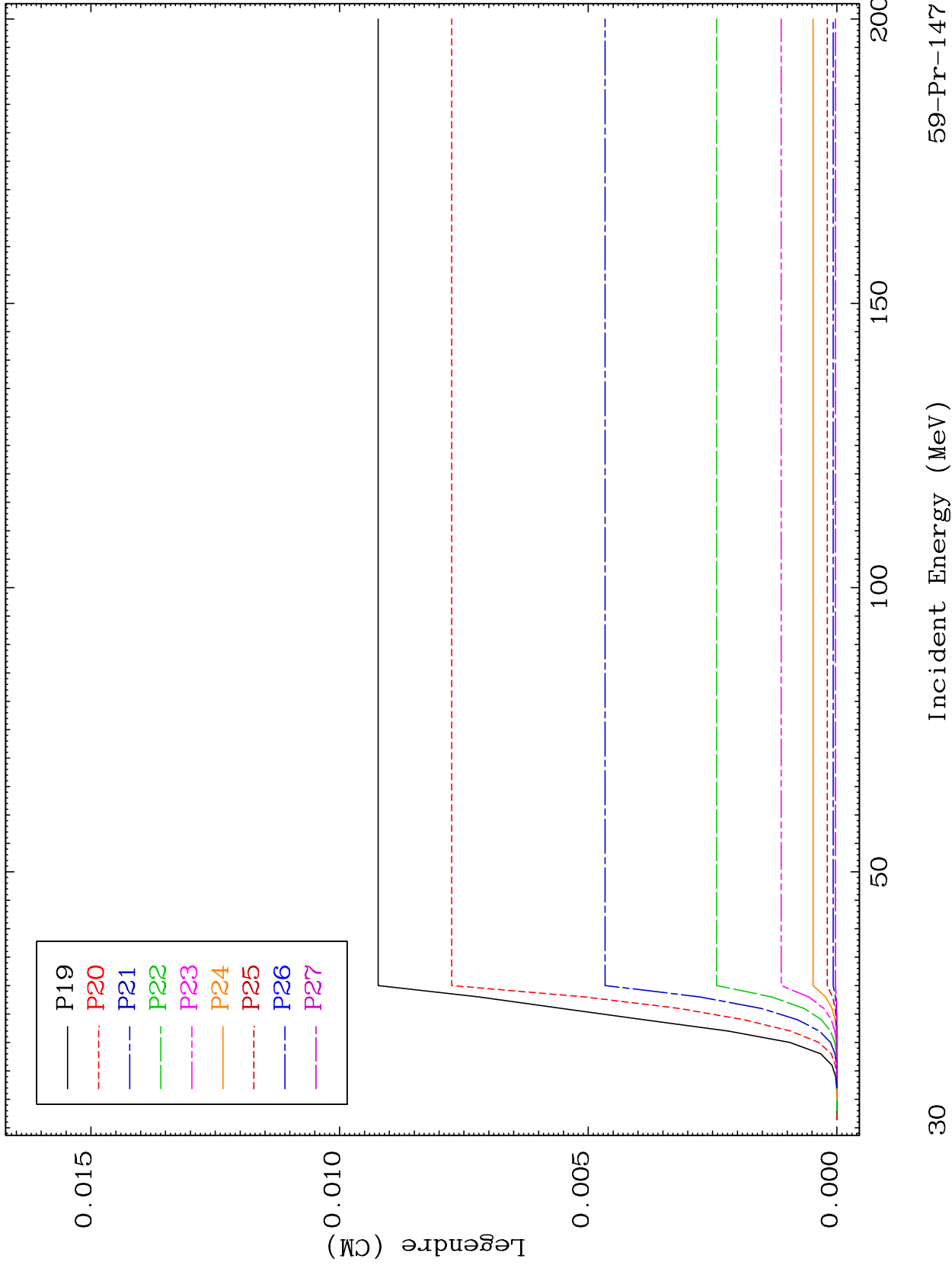
Incident Energy (MeV)

59-Pr-147

MAT 5943

93.29 keV (n,n') Level  
Legendre Coefficients

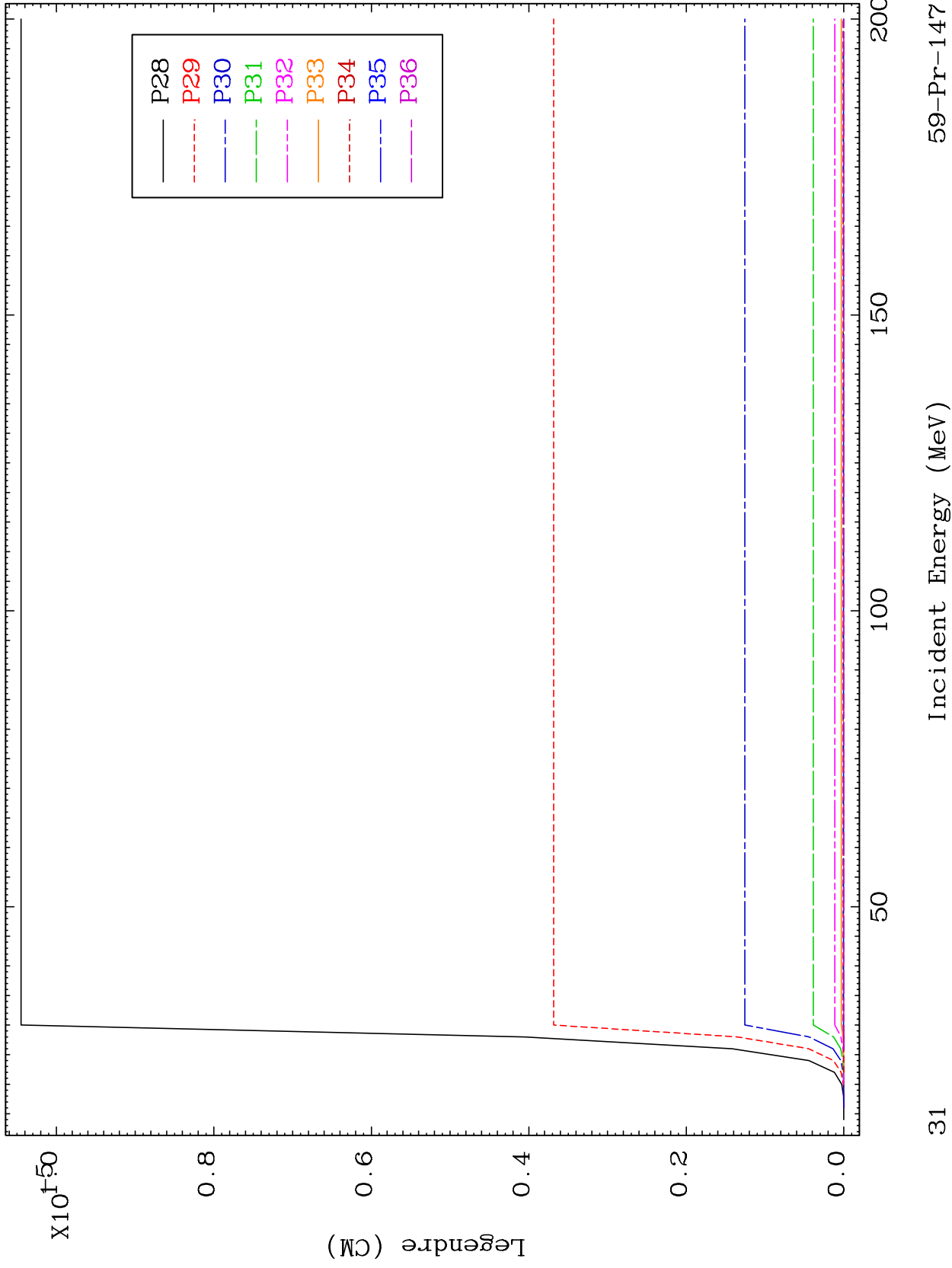
59-Pr-147



30

Incident Energy (MeV)

59-Pr-147

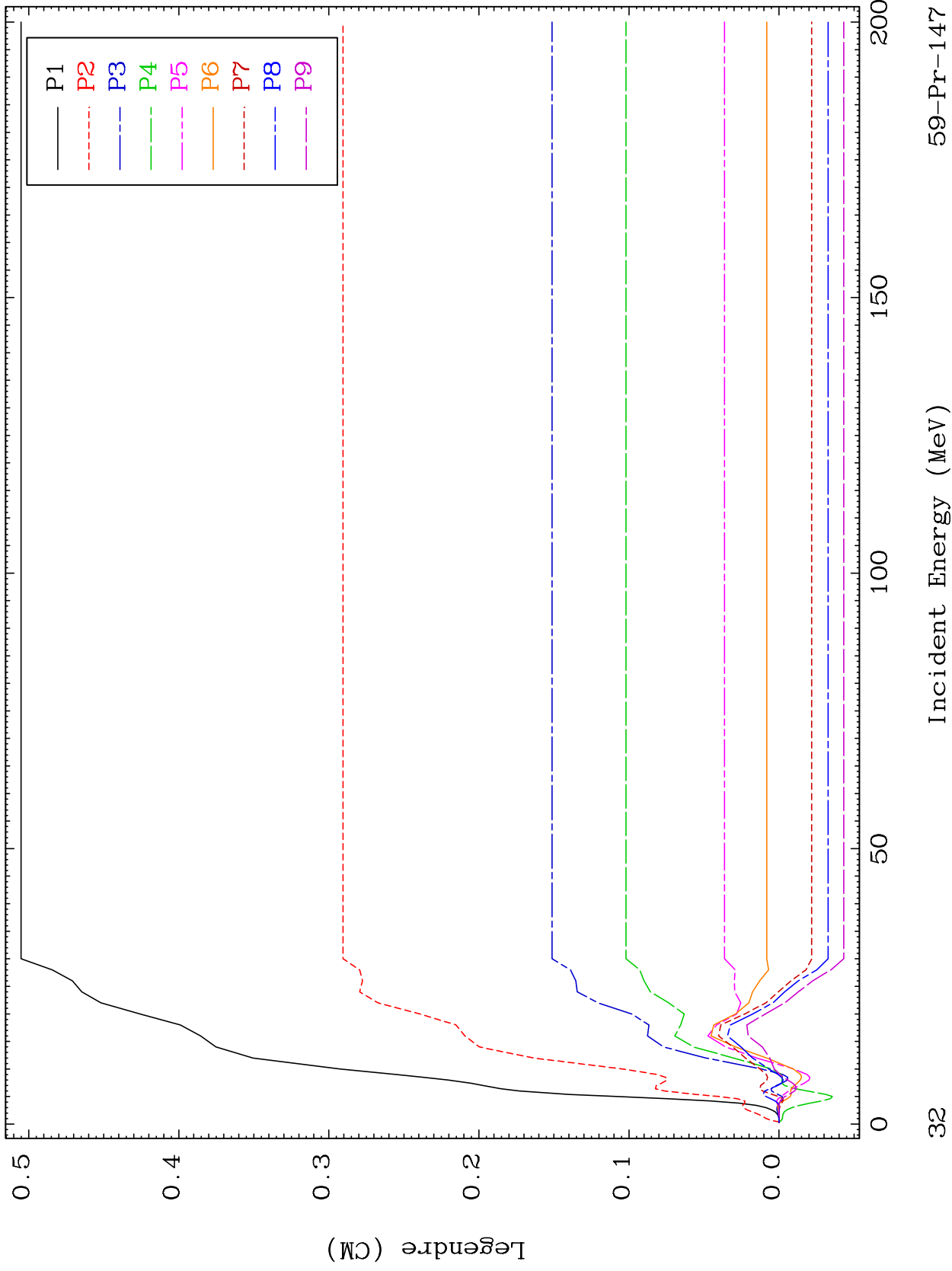




MAT 5943

246.5 keV (n, n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

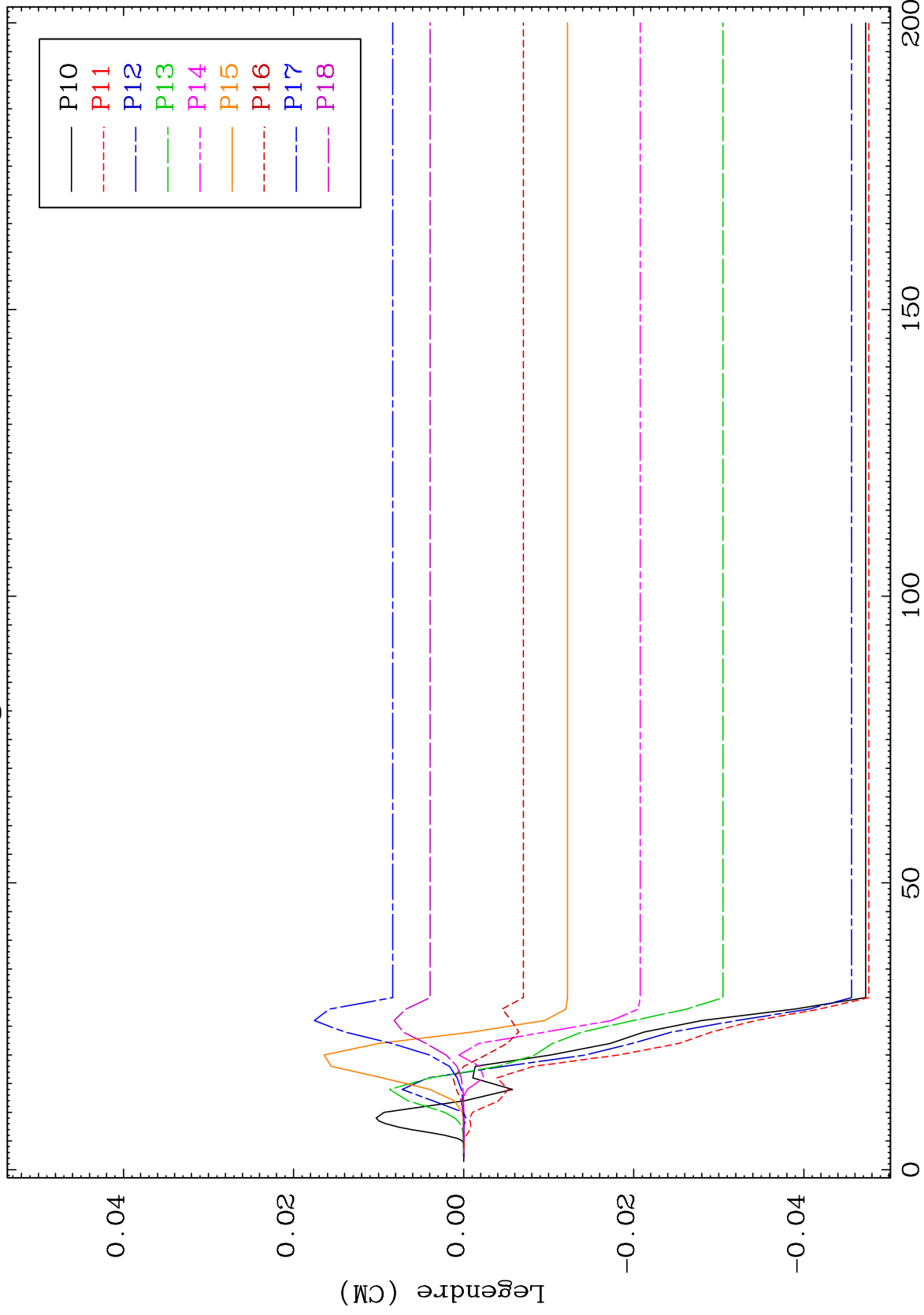
Incident Energy (MeV)

32

MAT 5943

246.5 keV (n,n') Level  
Legendre Coefficients

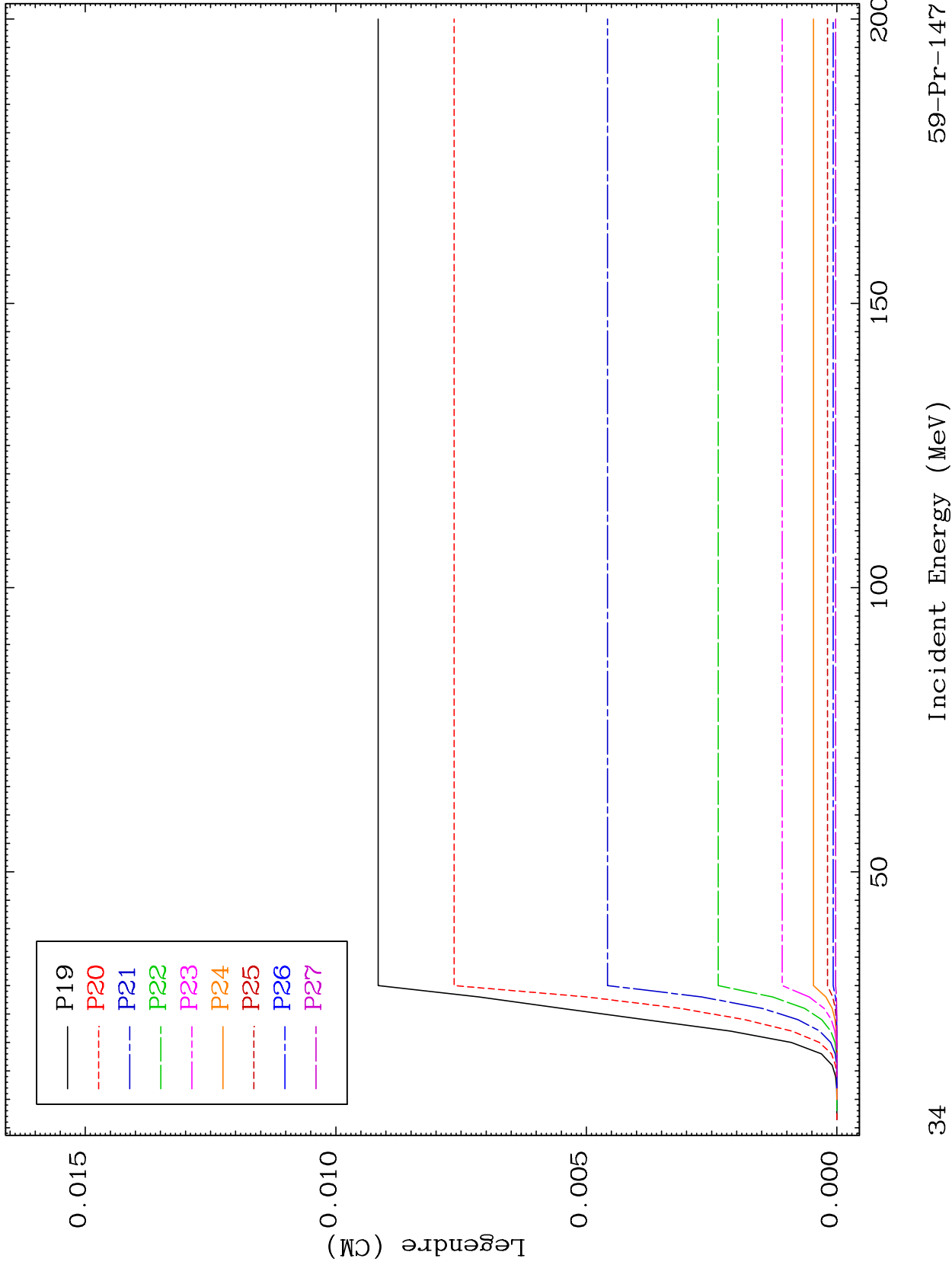
59-Pr-147



33

Incident Energy (MeV)

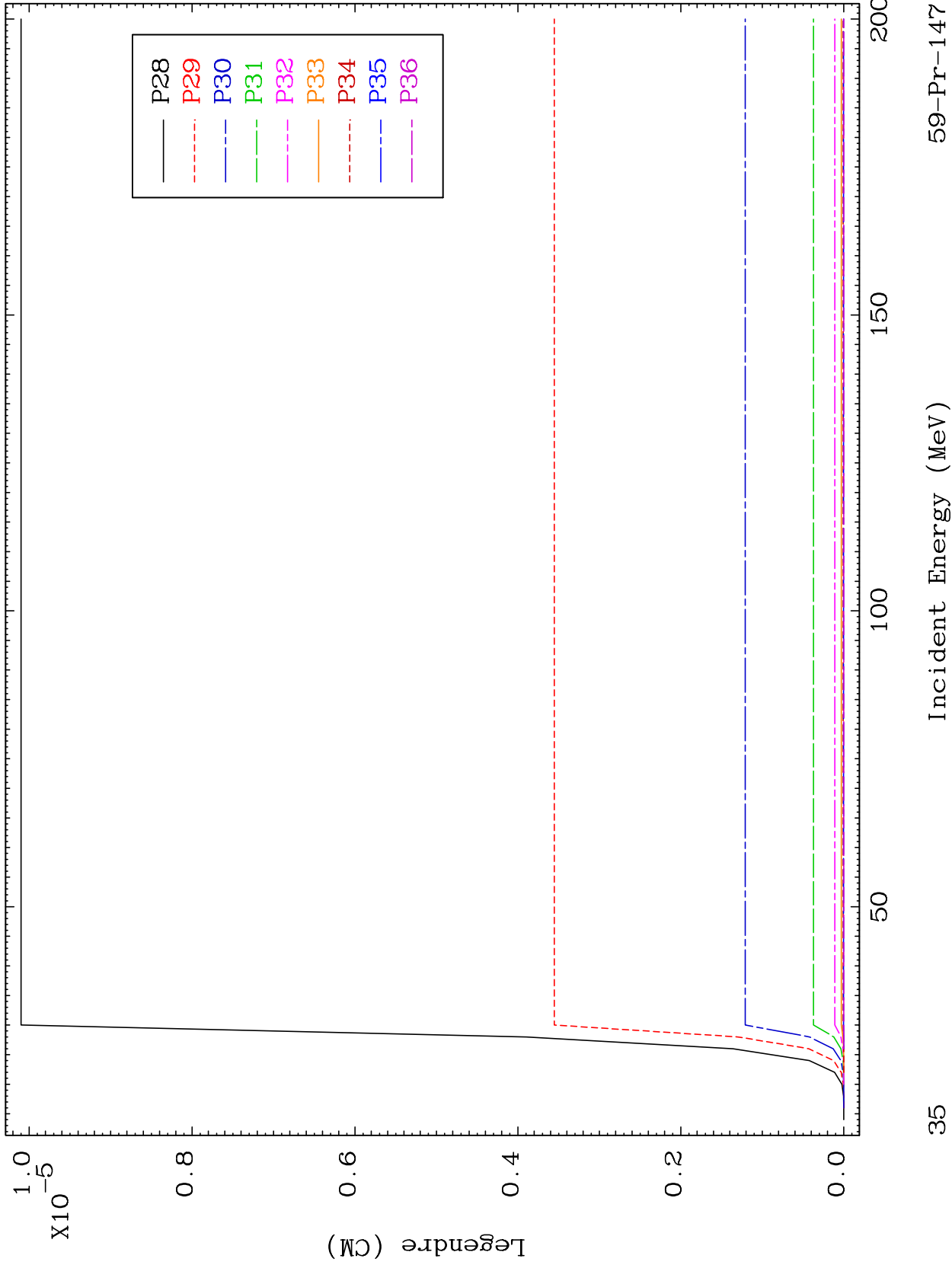
59-Pr-147



MAT 5943

246.5 keV (n, n') Level  
Legendre Coefficients

59-Pr-147

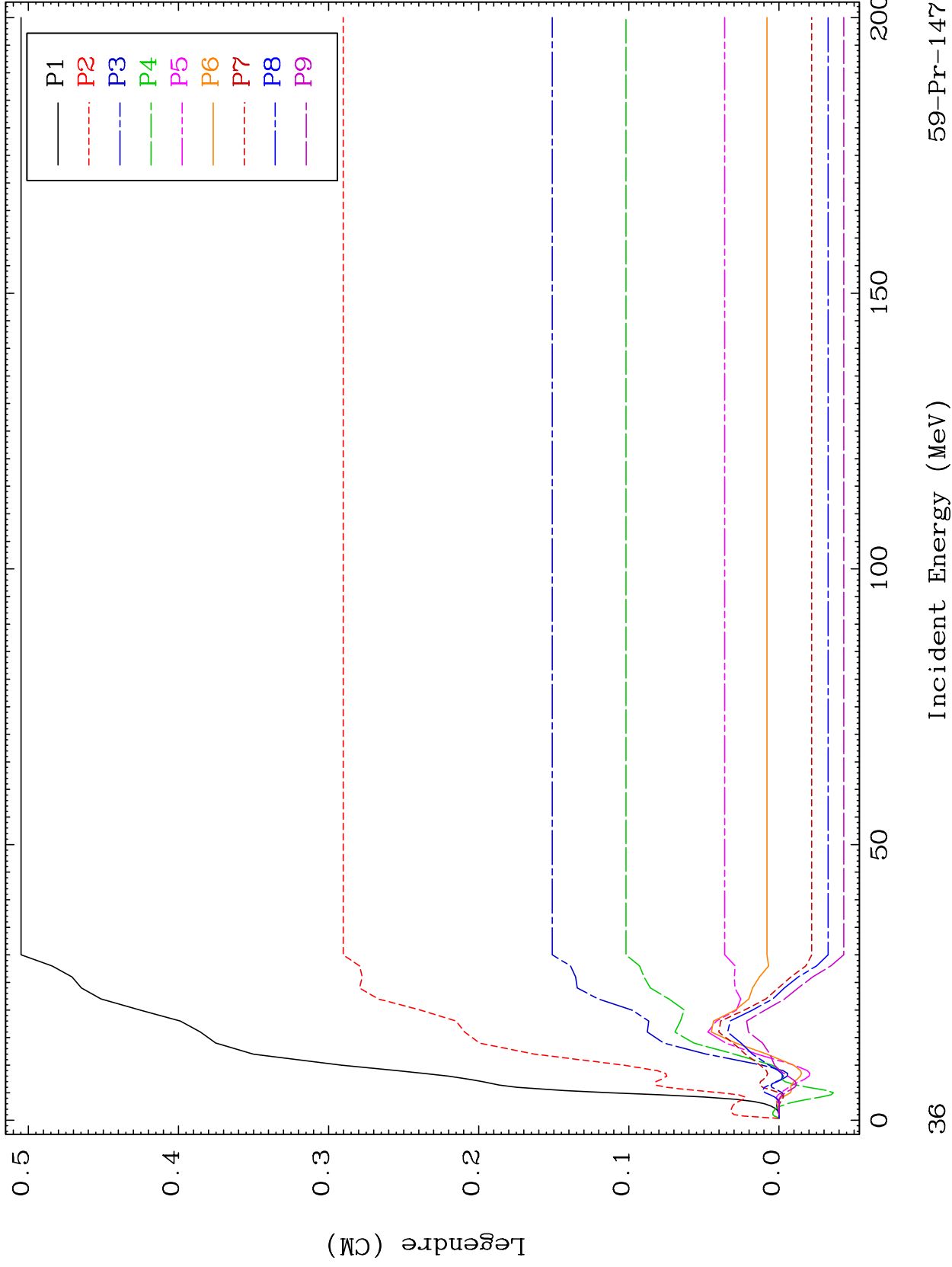


59-Pr-147

MAT 5943

291.8 keV (n, n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

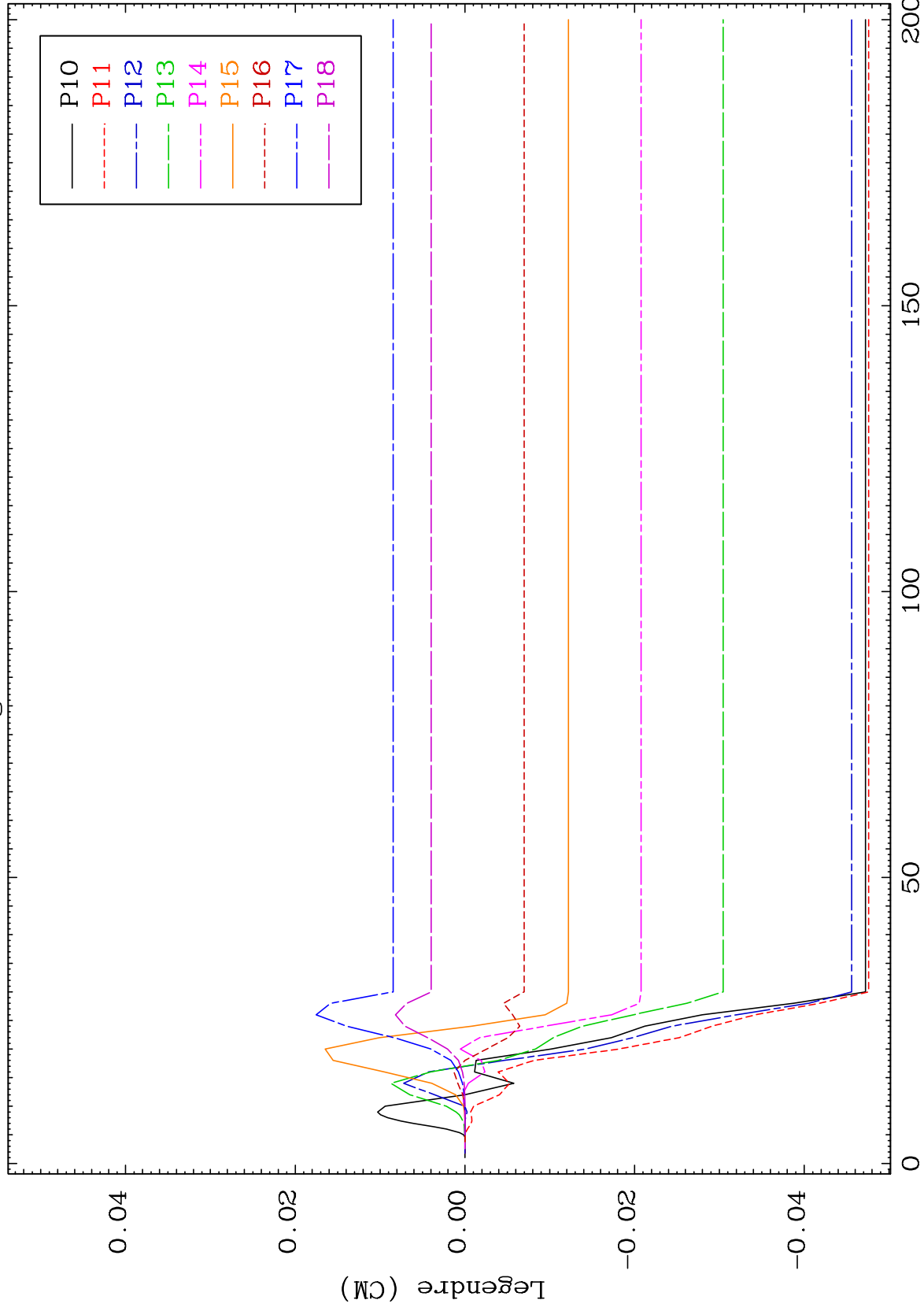
Incident Energy (MeV)

36

MAT 5943

291.8 keV (n,n') Level  
Legendre Coefficients

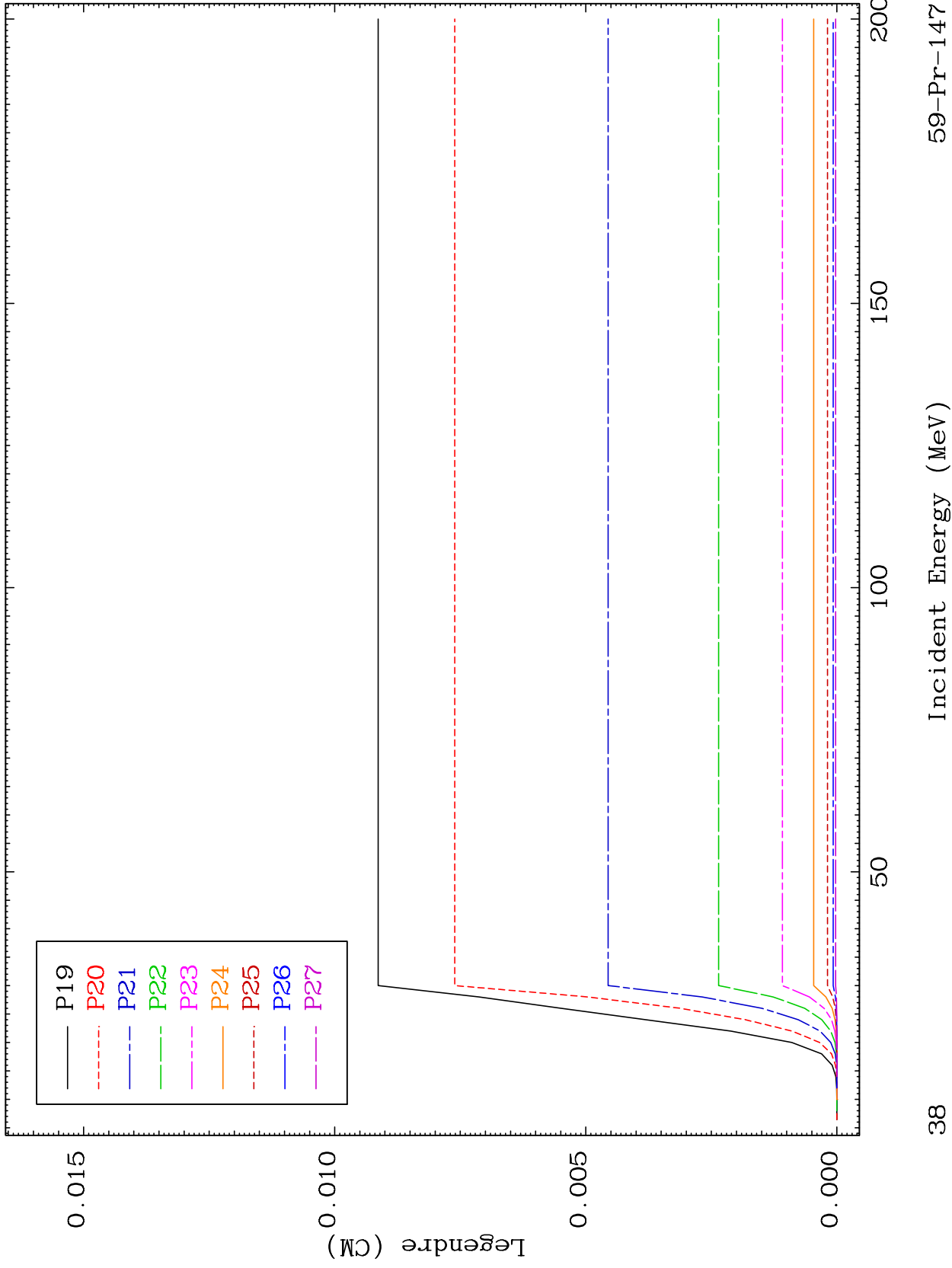
59-Pr-147



37

Incident Energy (MeV)

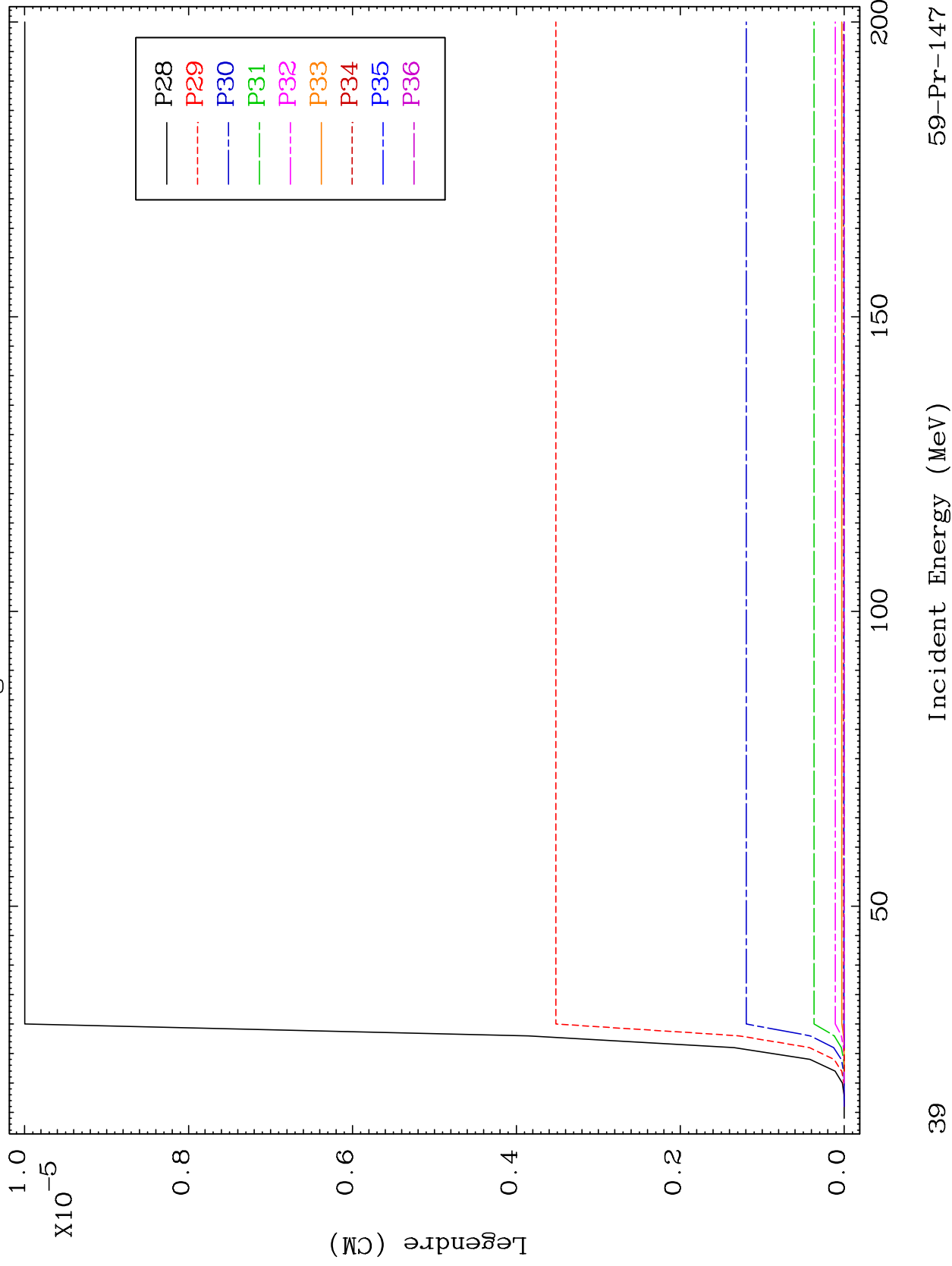
59-Pr-147



MAT 5943

291.8 keV (n, n') Level  
Legendre Coefficients

59-Pr-147



39

Incident Energy (MeV)

59-Pr-147

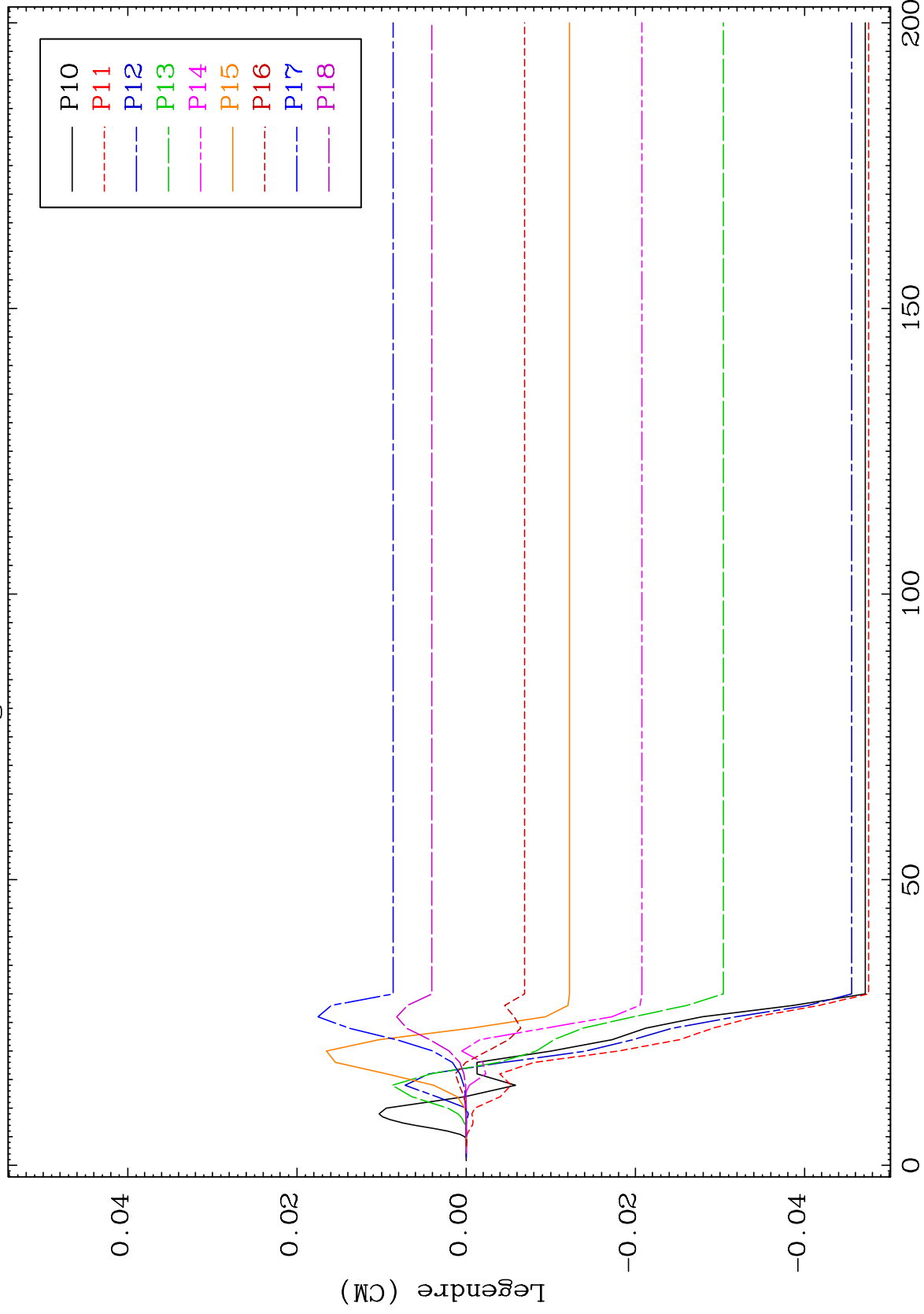




MAT 5943

362.0 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



41

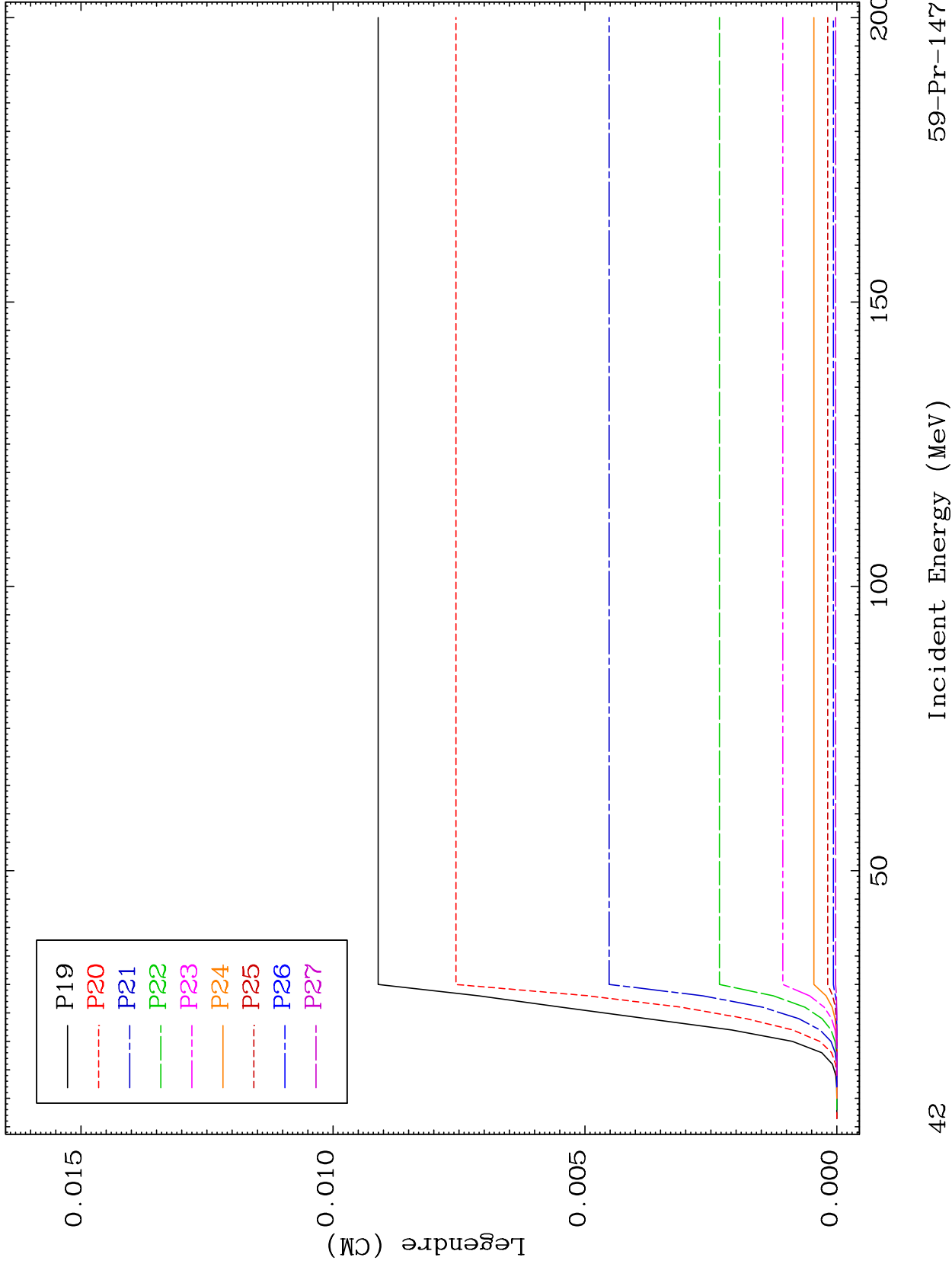
Incident Energy (MeV)

59-Pr-147

MAT 5943

362.0 keV (n,n') Level  
Legendre Coefficients

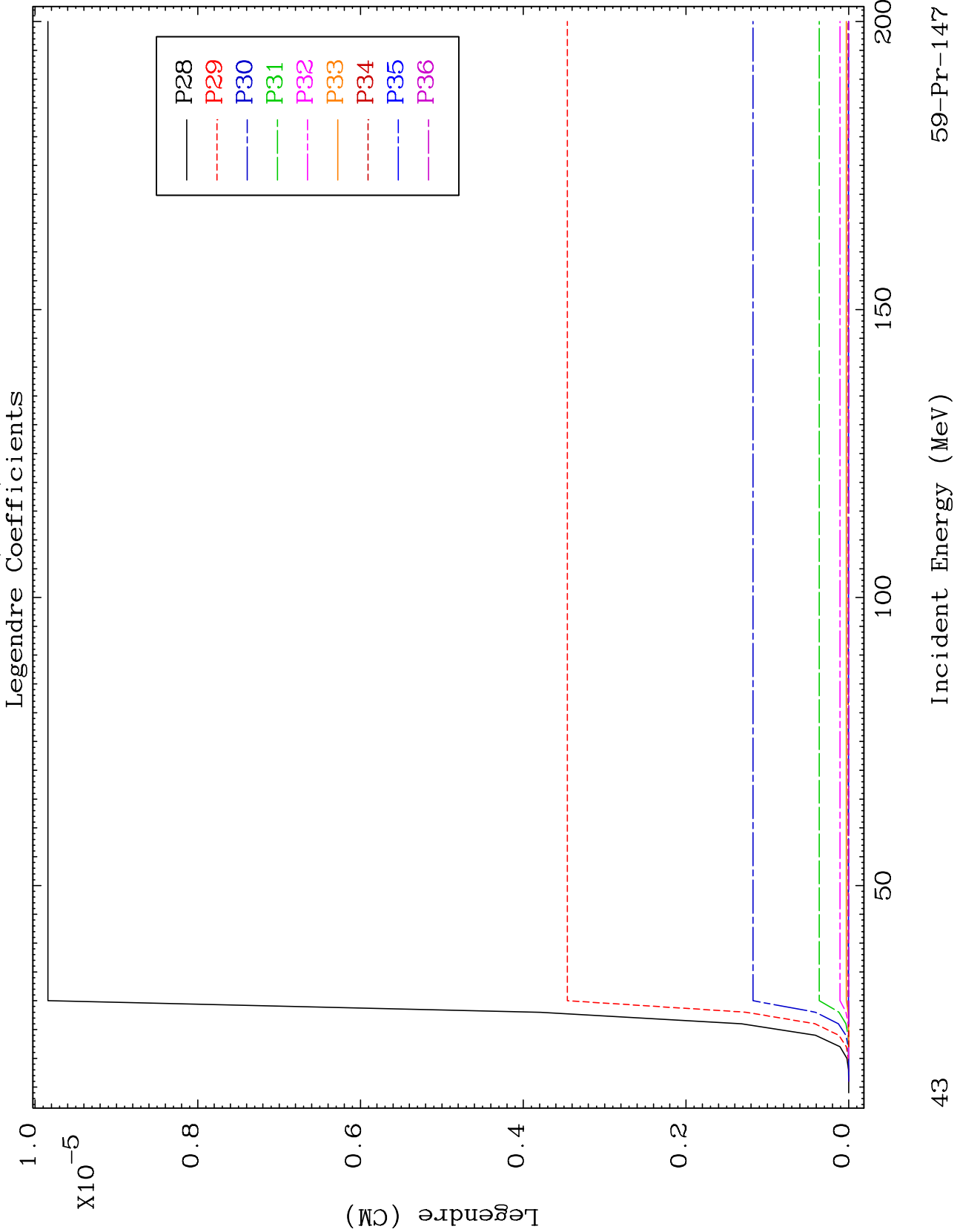
59-Pr-147



42

Incident Energy (MeV)

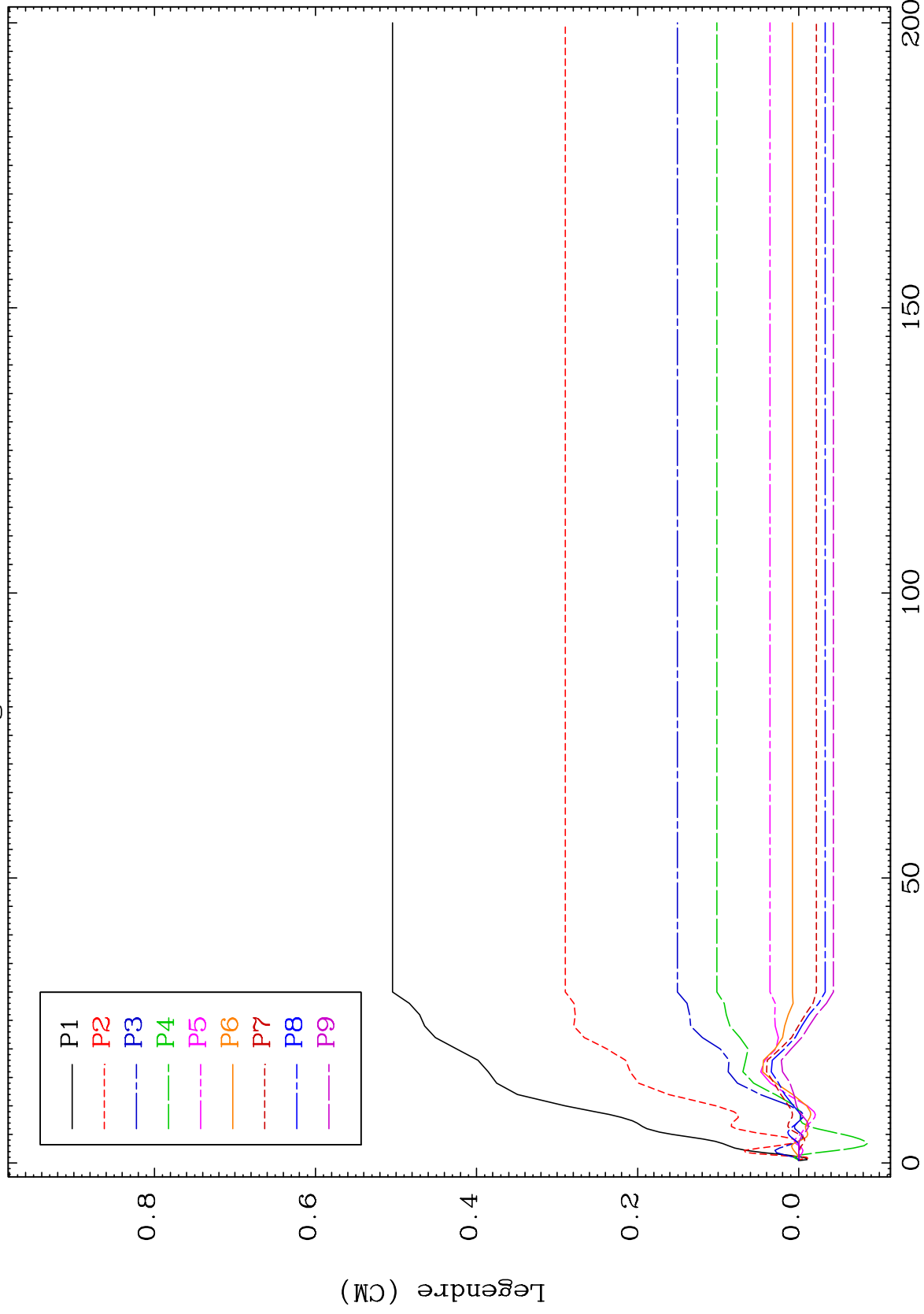
59-Pr-147



MAT 5943

384.8 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

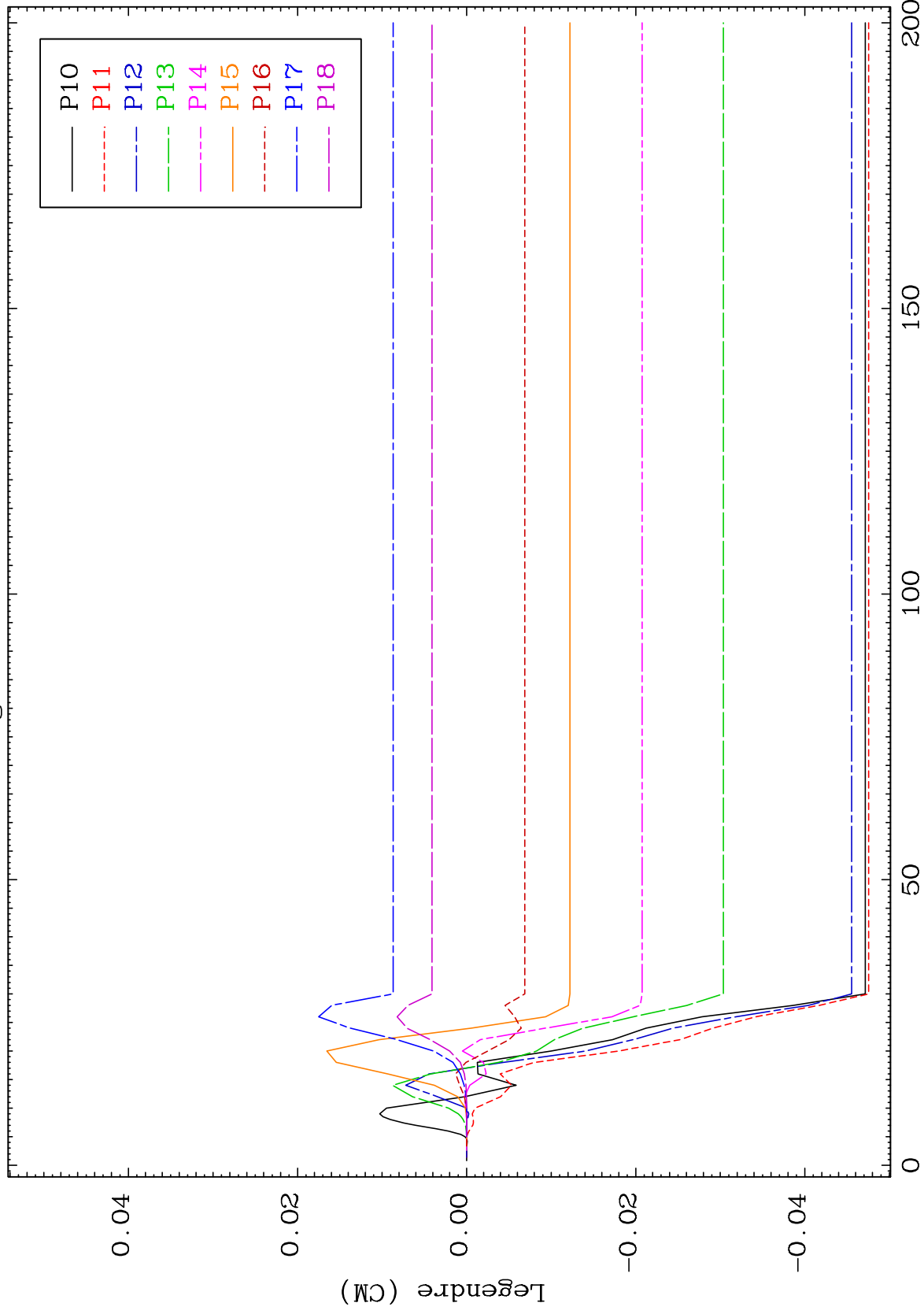
Incident Energy (MeV)

44

MAT 5943

384.8 keV (n,n') Level  
Legendre Coefficients

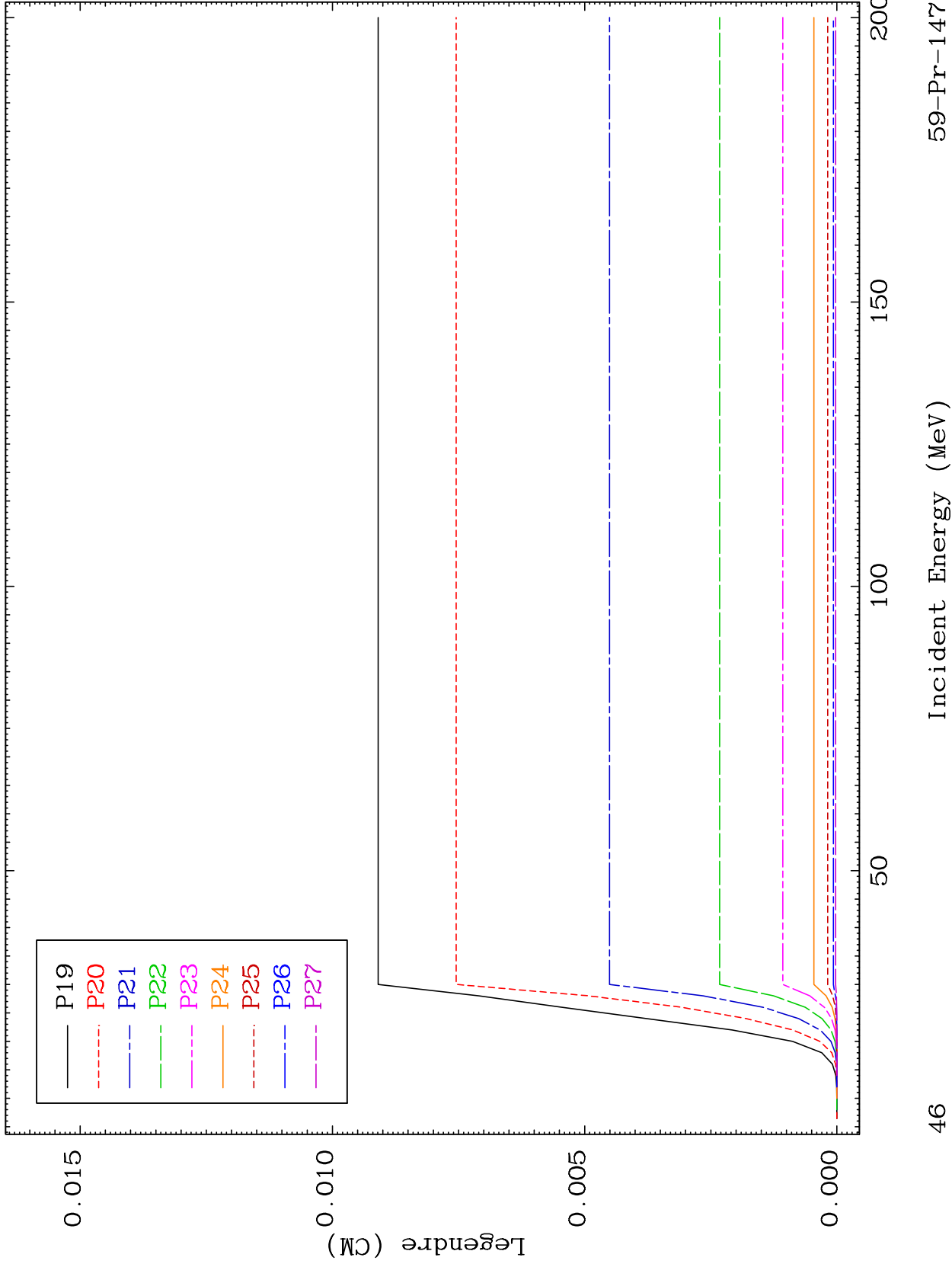
59-Pr-147



45

Incident Energy (MeV)

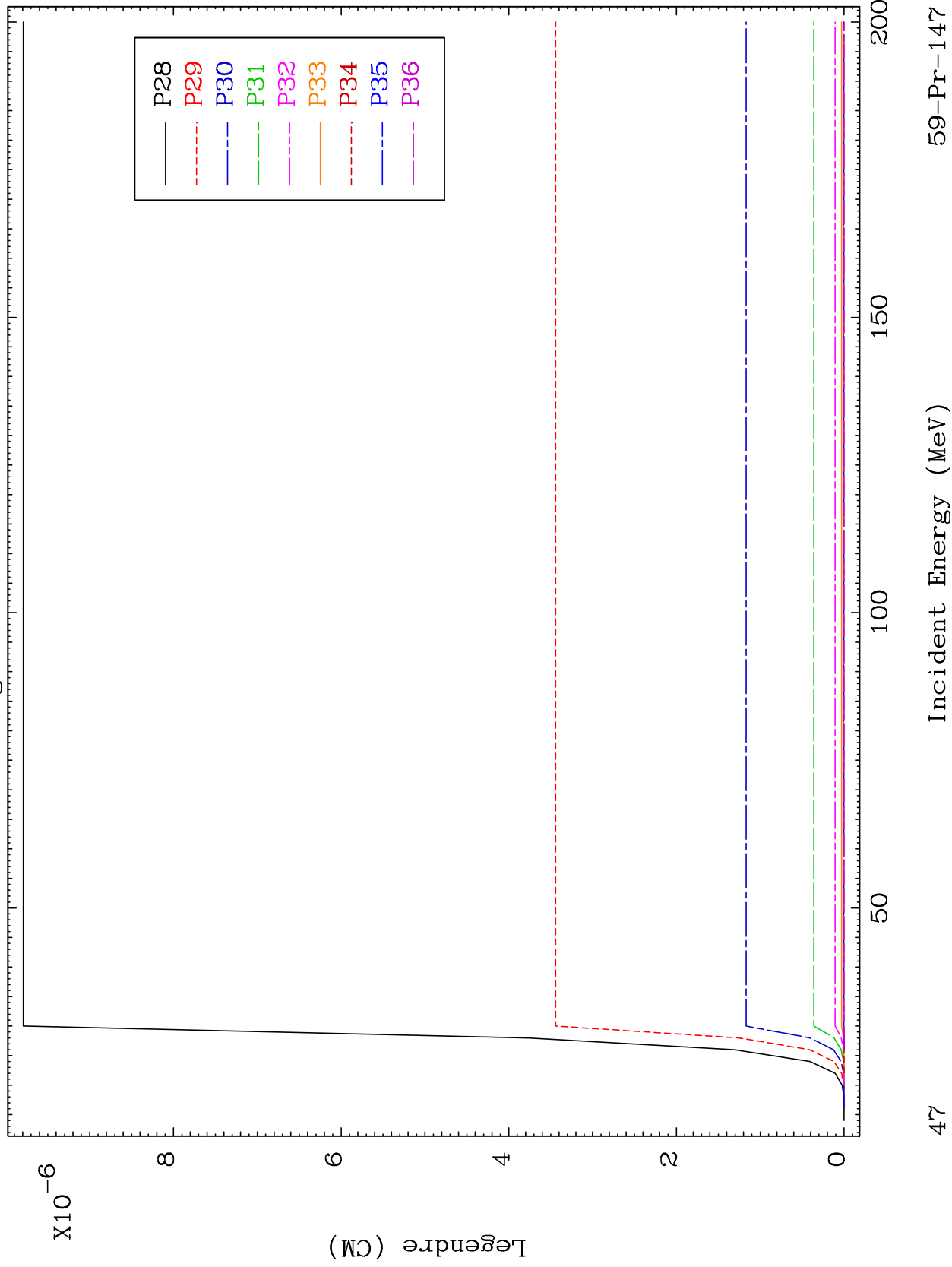
59-Pr-147



MAT 5943

384.8 keV (n, n') Level  
Legendre Coefficients

59-Pr-147

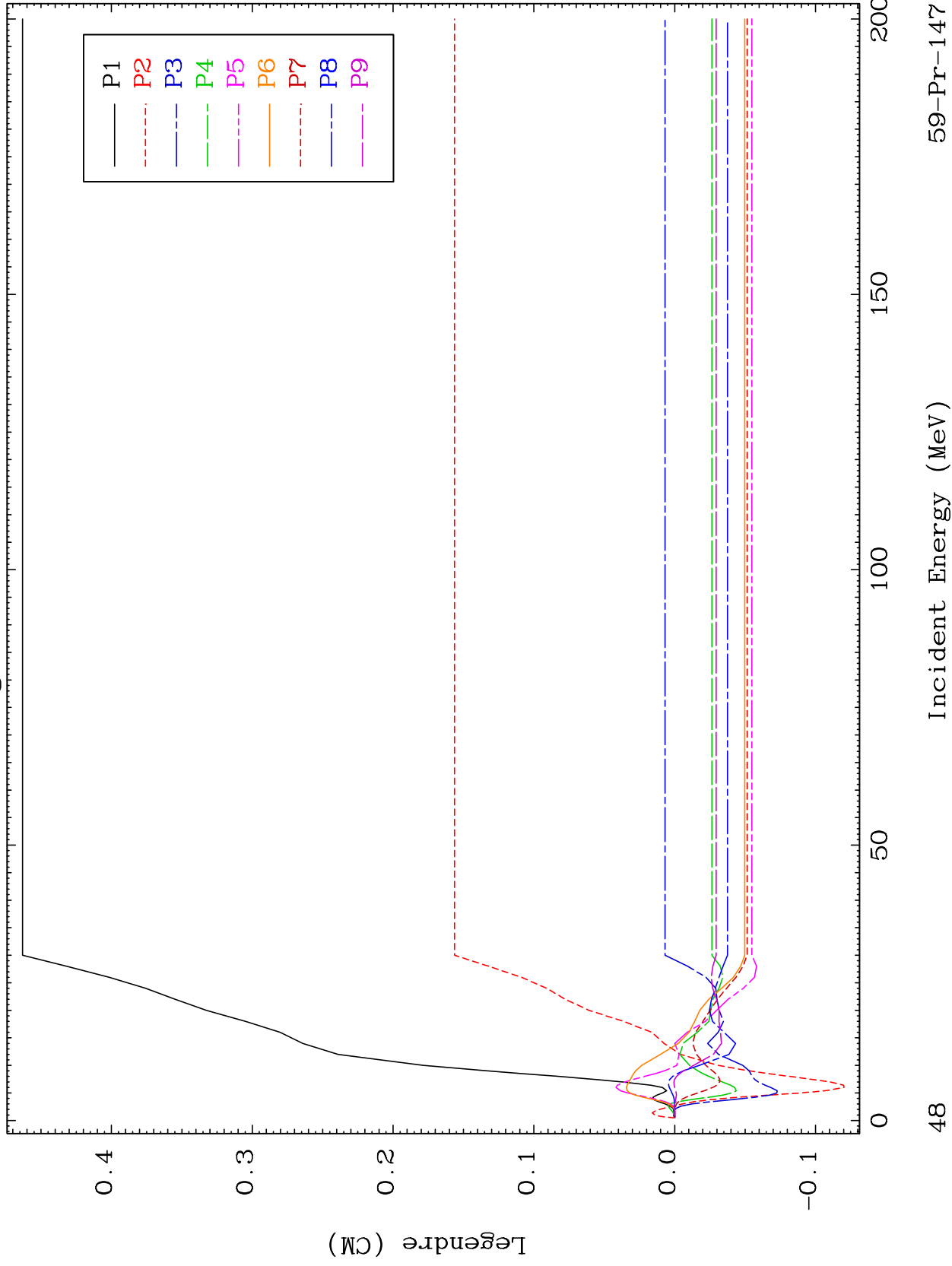




MAT 5943

452.3 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

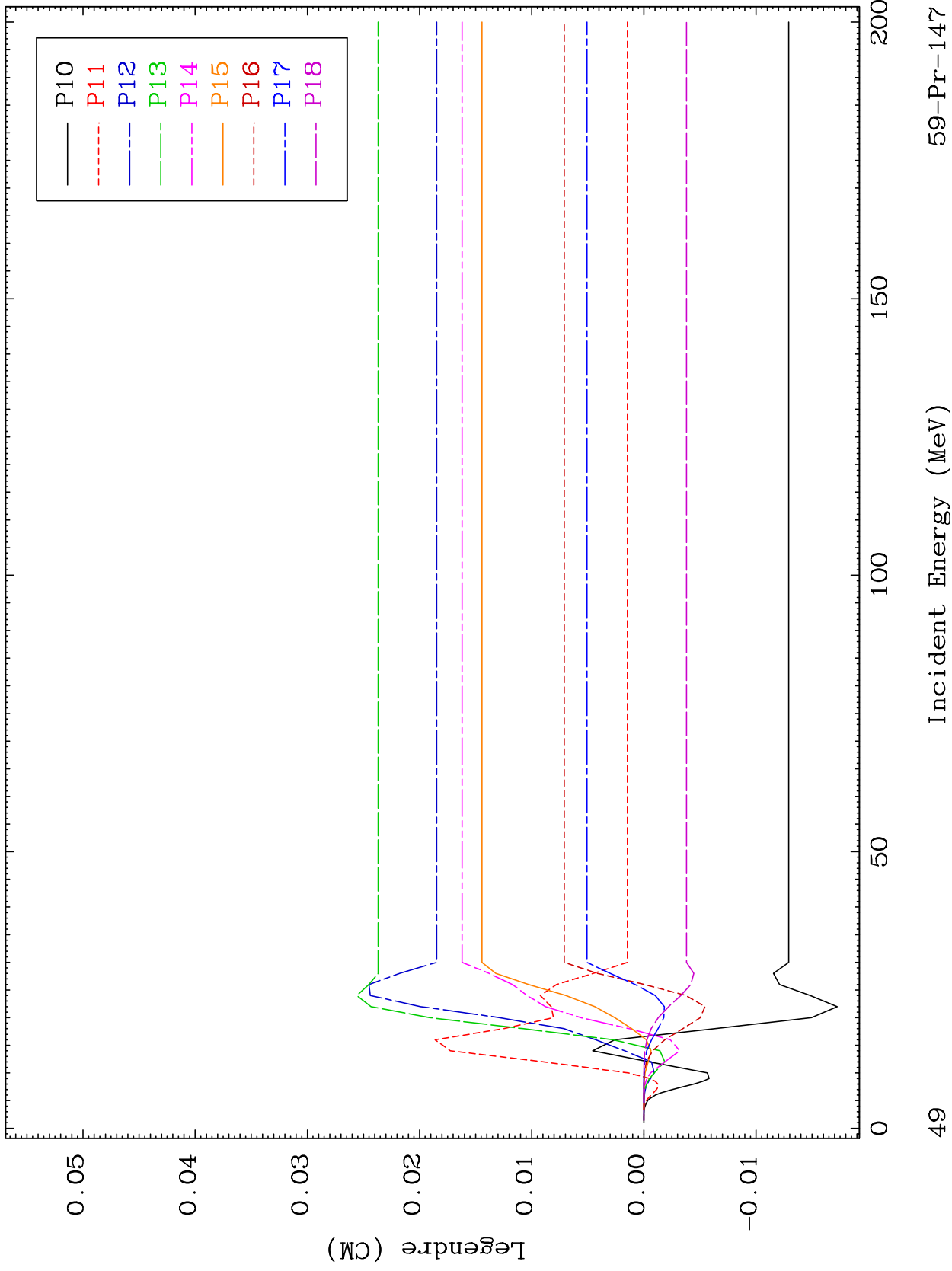
Incident Energy (MeV)

48

MAT 5943

452.3 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

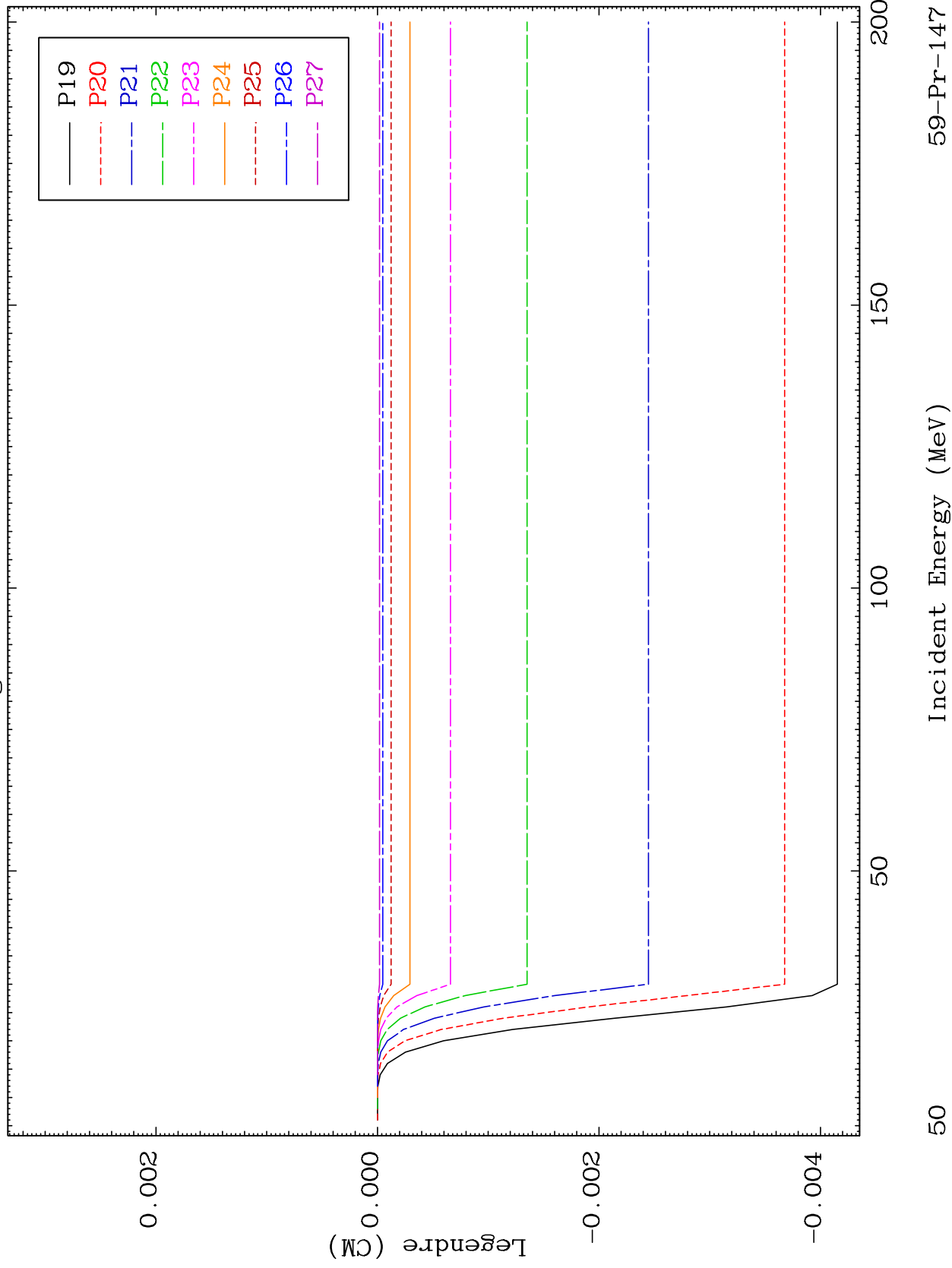
Incident Energy (MeV)

49

MAT 5943

452.3 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

Incident Energy (MeV)

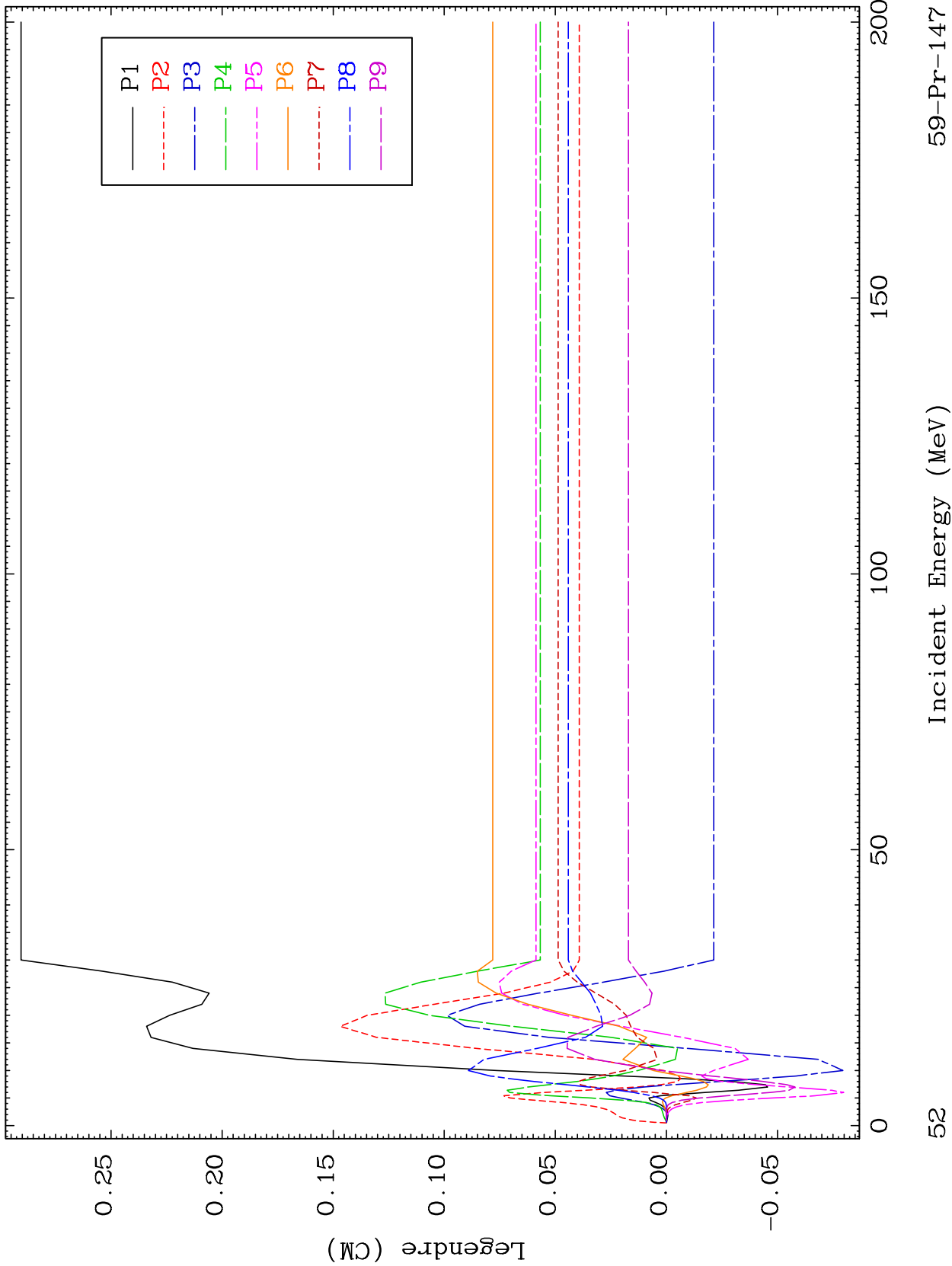
50



MAT 5943

467.5 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

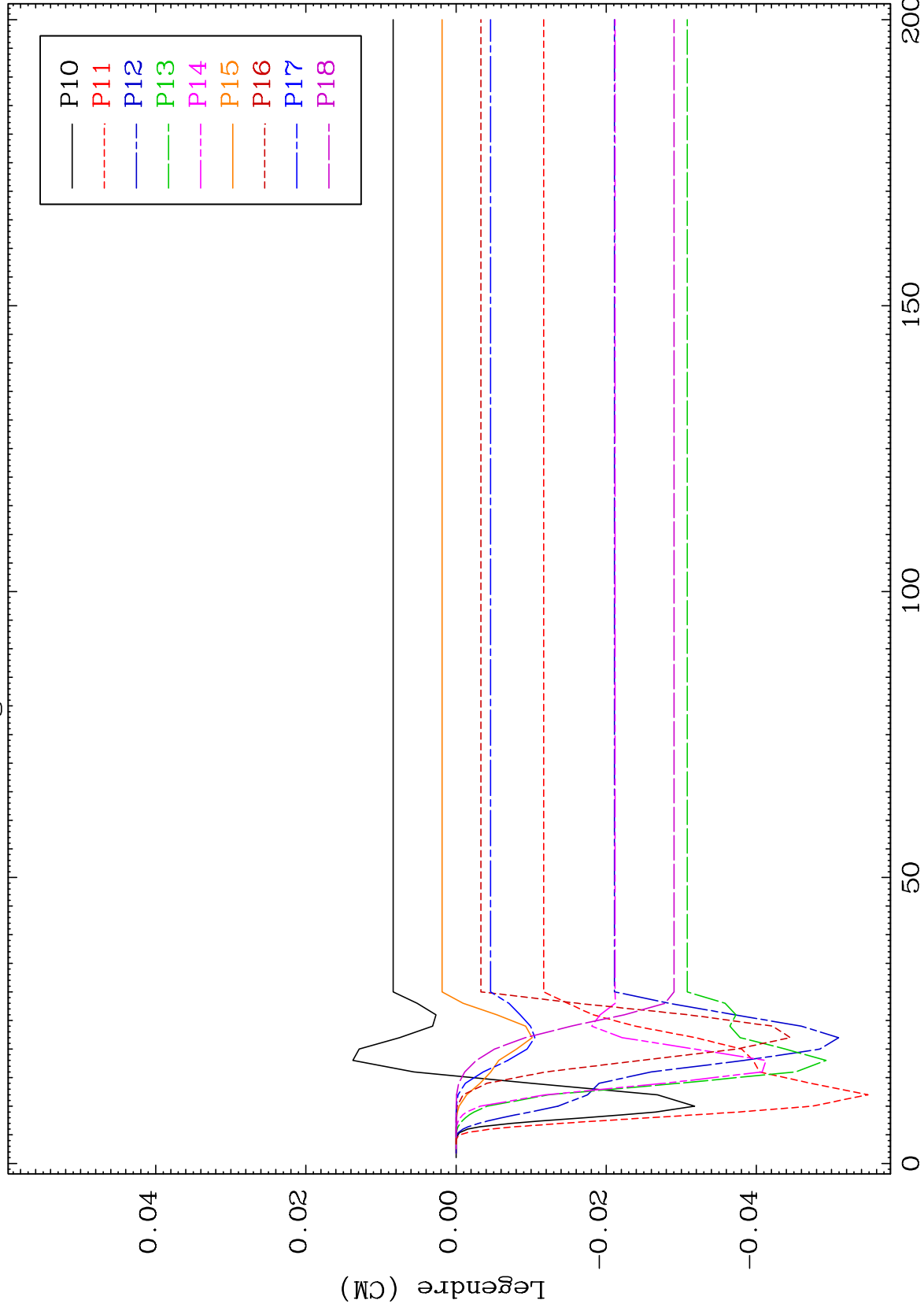
Incident Energy (MeV)

52

MAT 5943

467.5 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



53

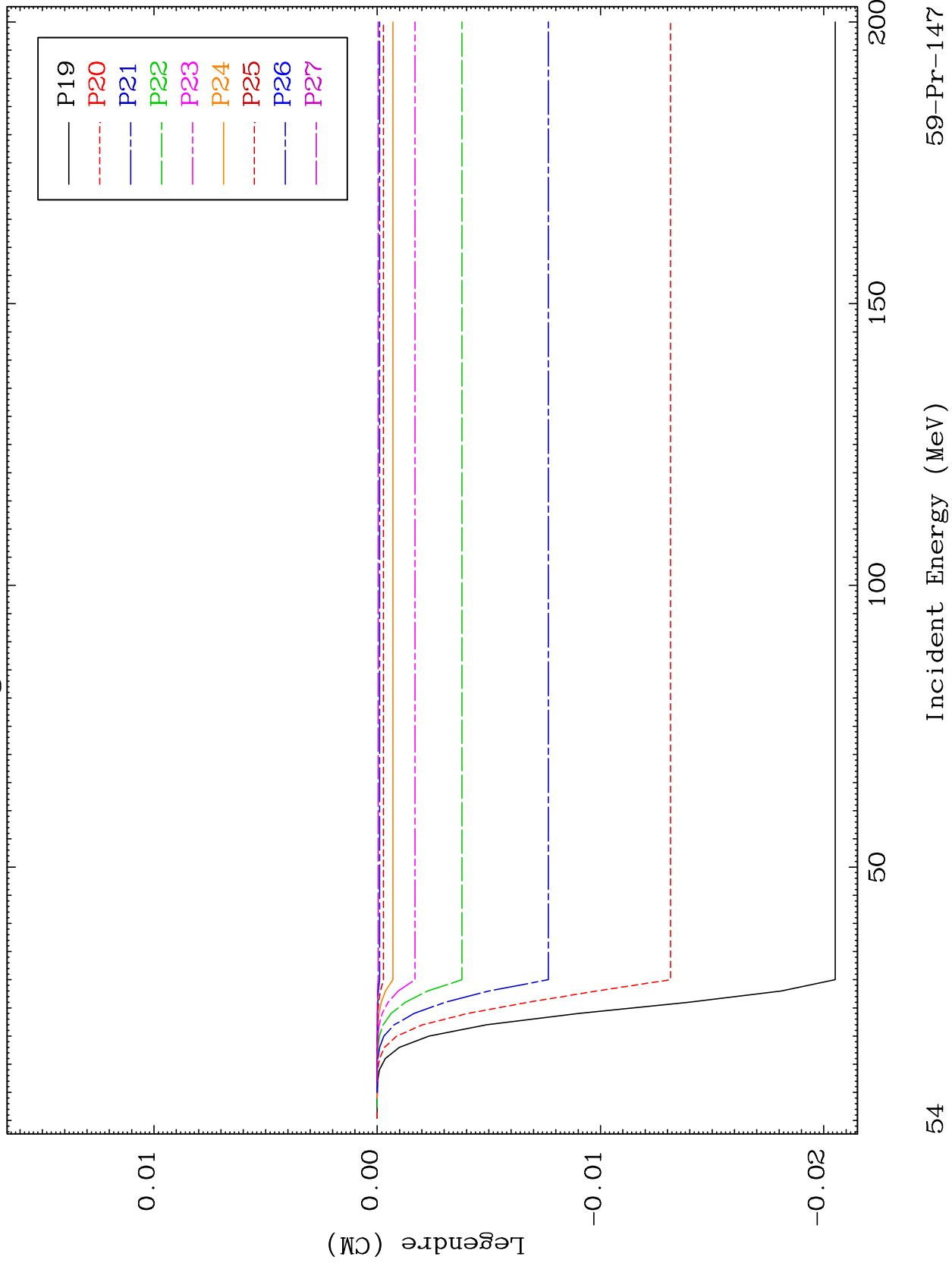
Incident Energy (MeV)

59-Pr-147

MAT 5943

467.5 keV (n,n') Level  
Legendre Coefficients

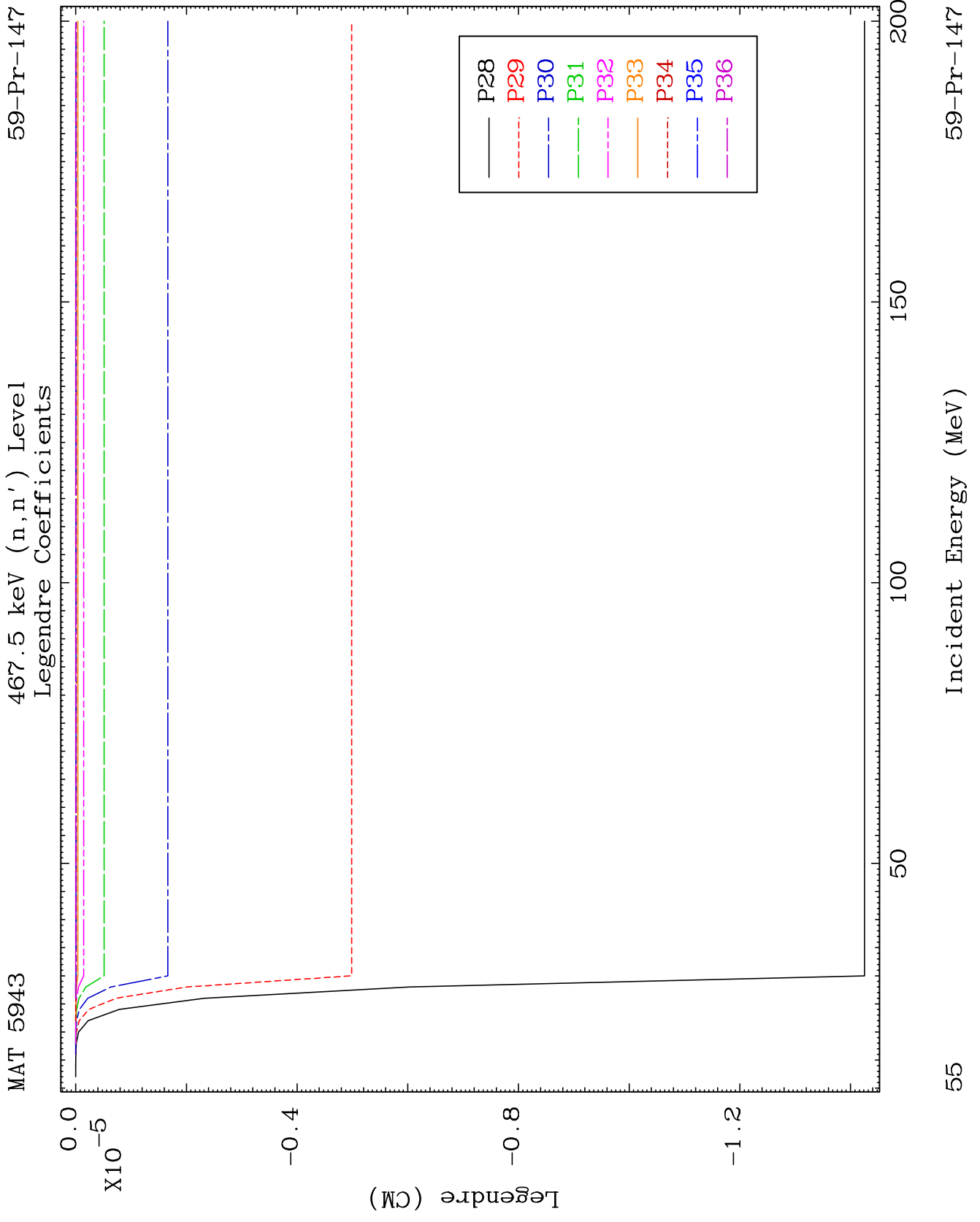
59-Pr-147



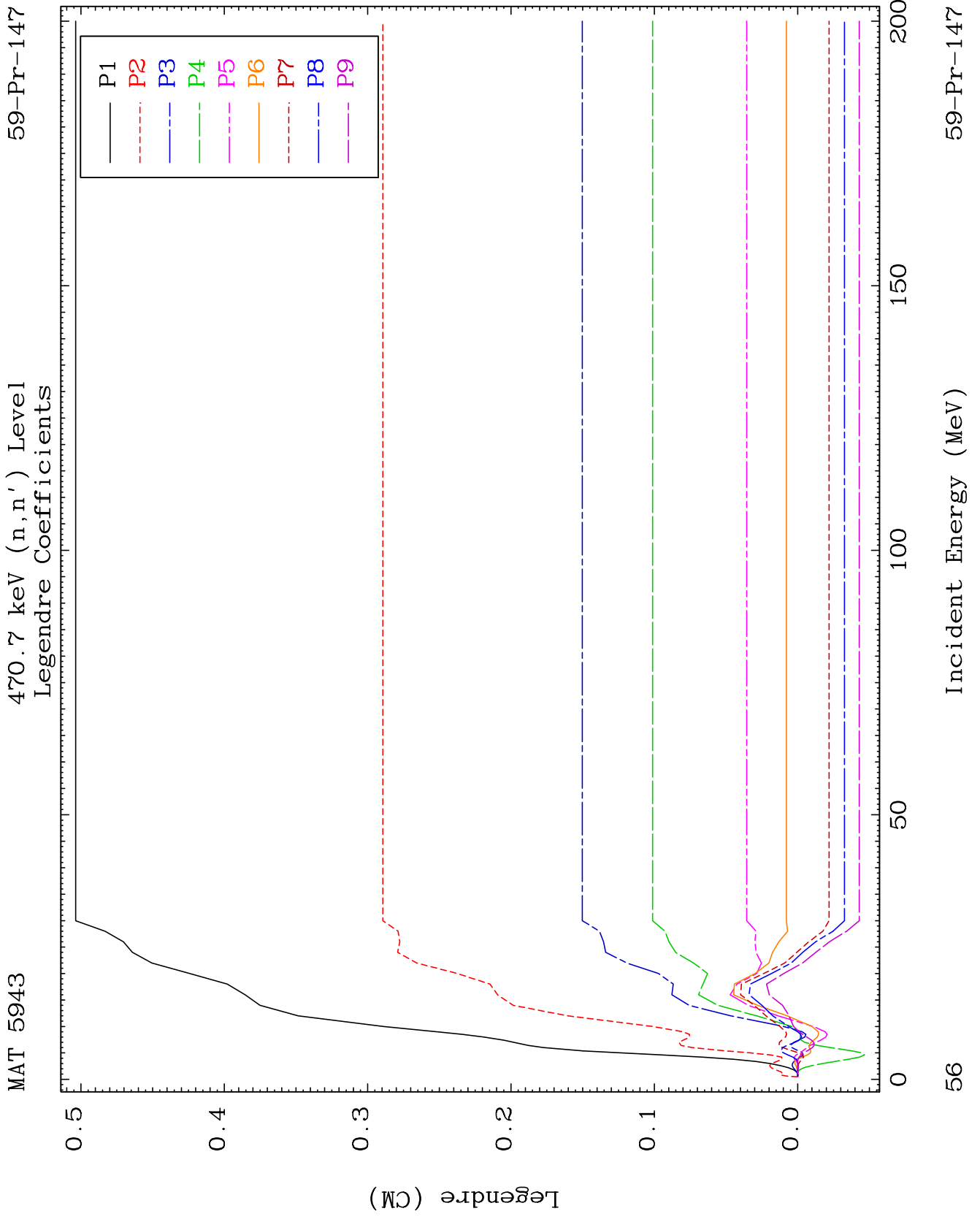
59-Pr-147

Incident Energy (MeV)

54



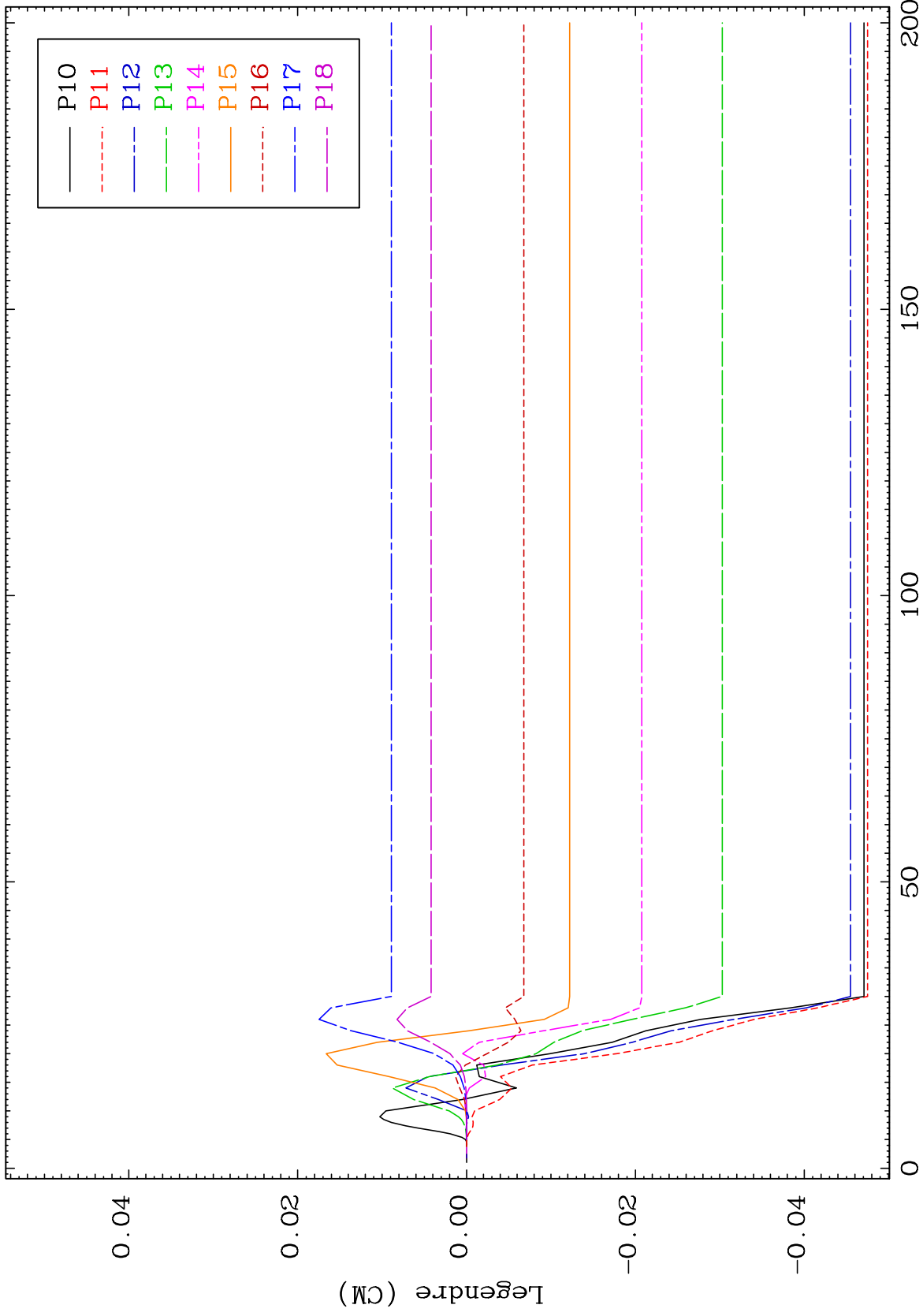




MAT 5943

470.7 keV (n,n') Level  
Legendre Coefficients

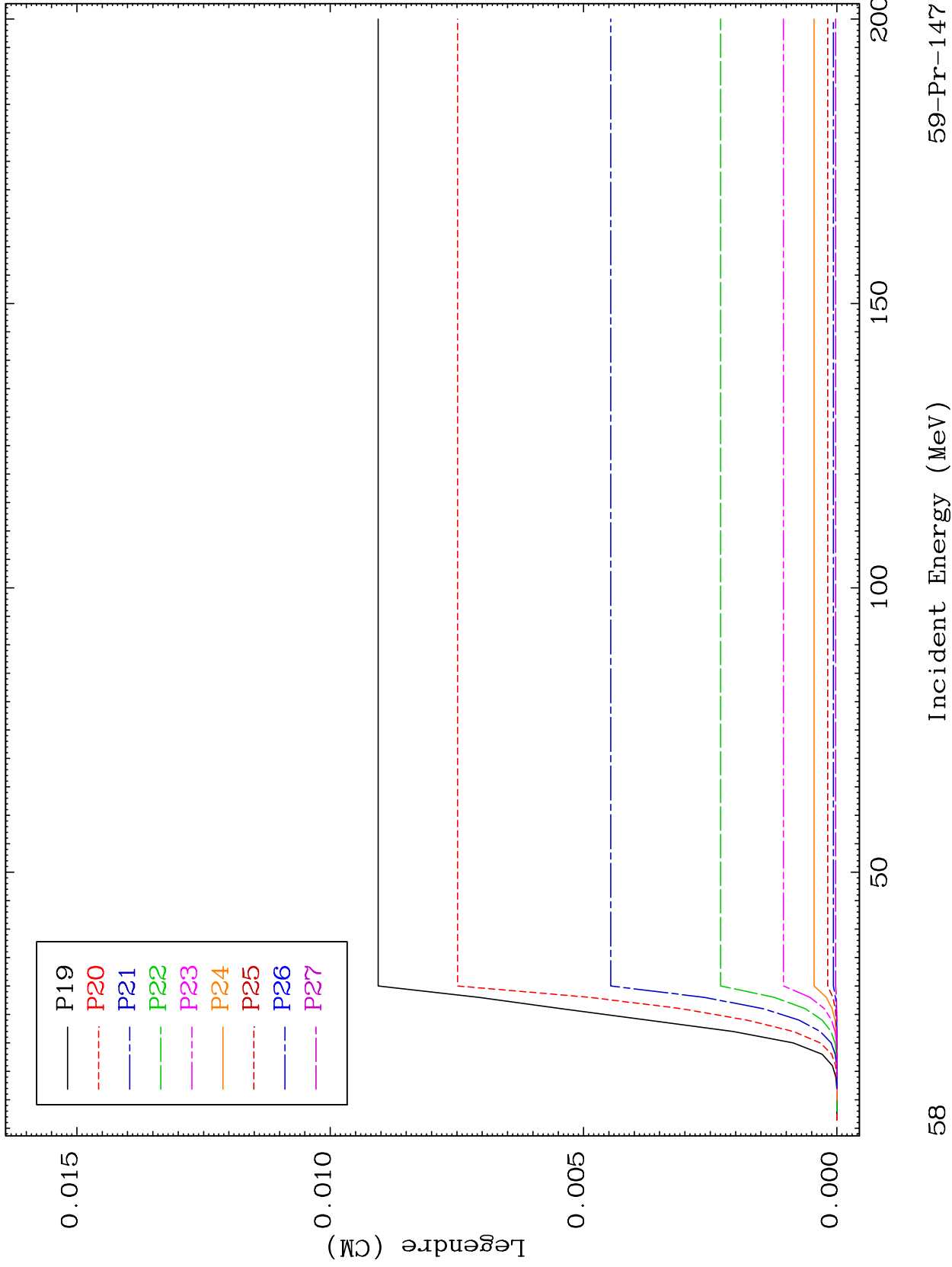
59-Pr-147



57

Incident Energy (MeV)

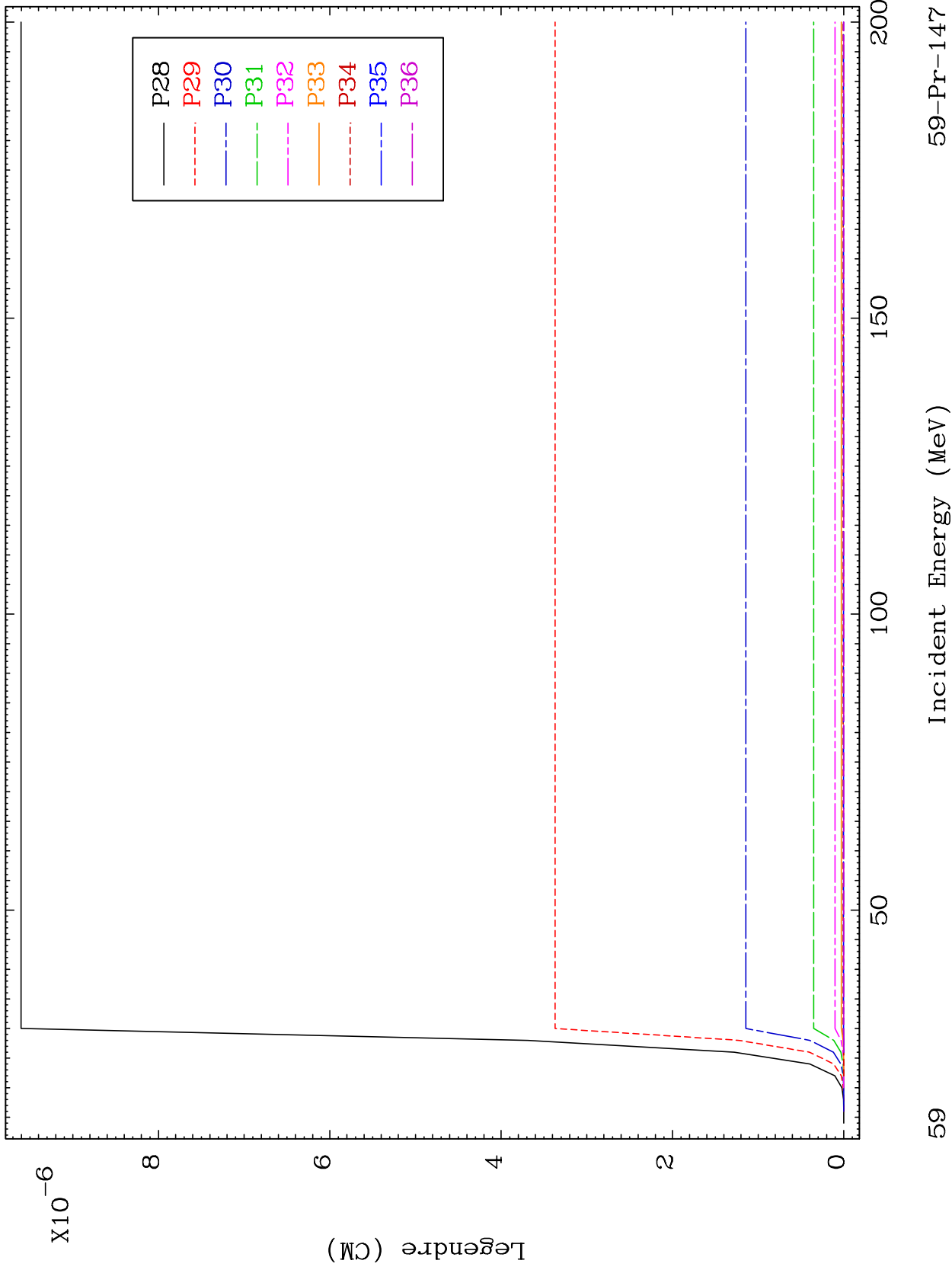
59-Pr-147



MAT 5943

470.7 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59

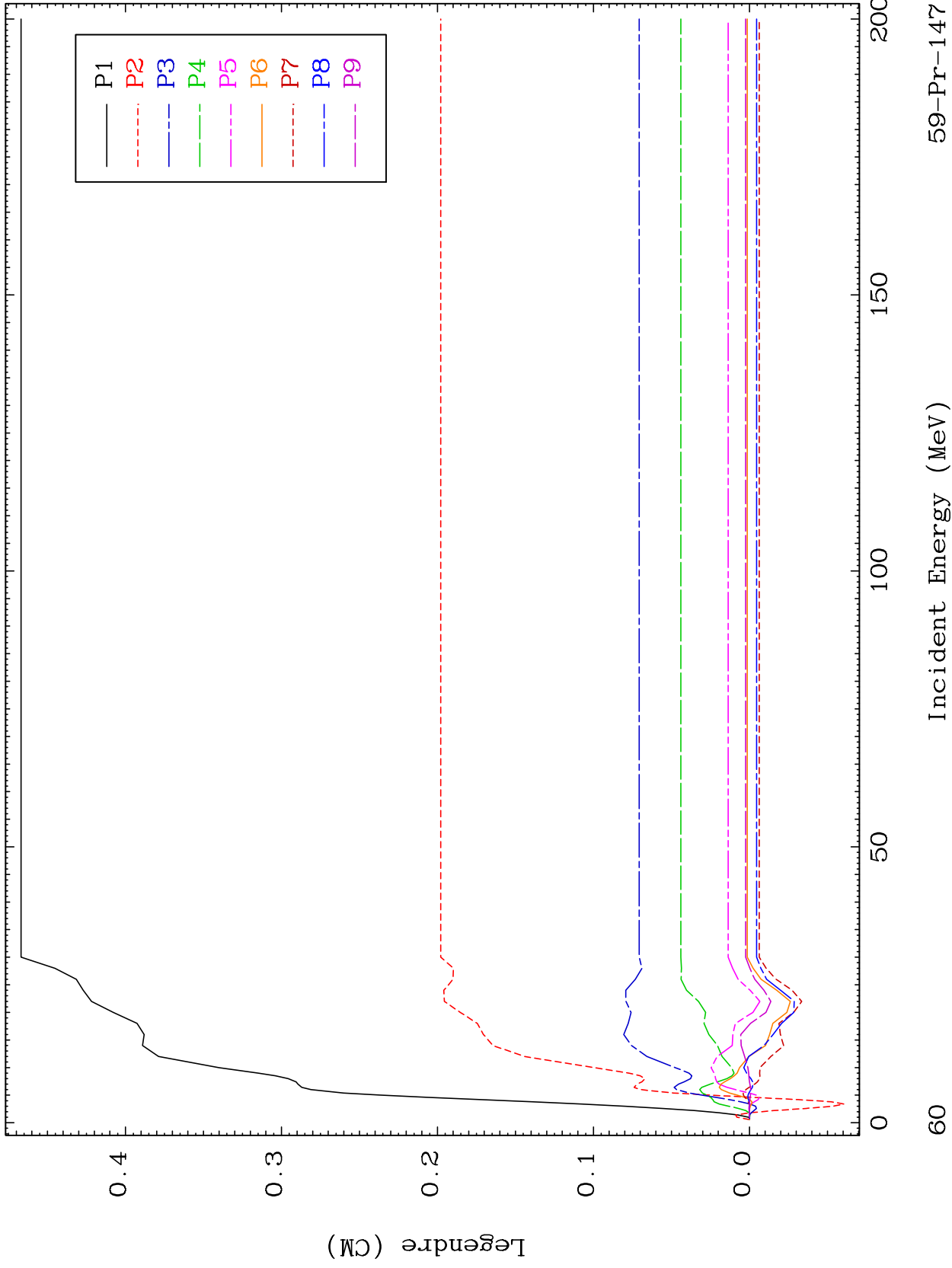
Incident Energy (MeV)

59-Pr-147

MAT 5943

545.9 keV (n, n') Level  
Legendre Coefficients

59-Pr-147

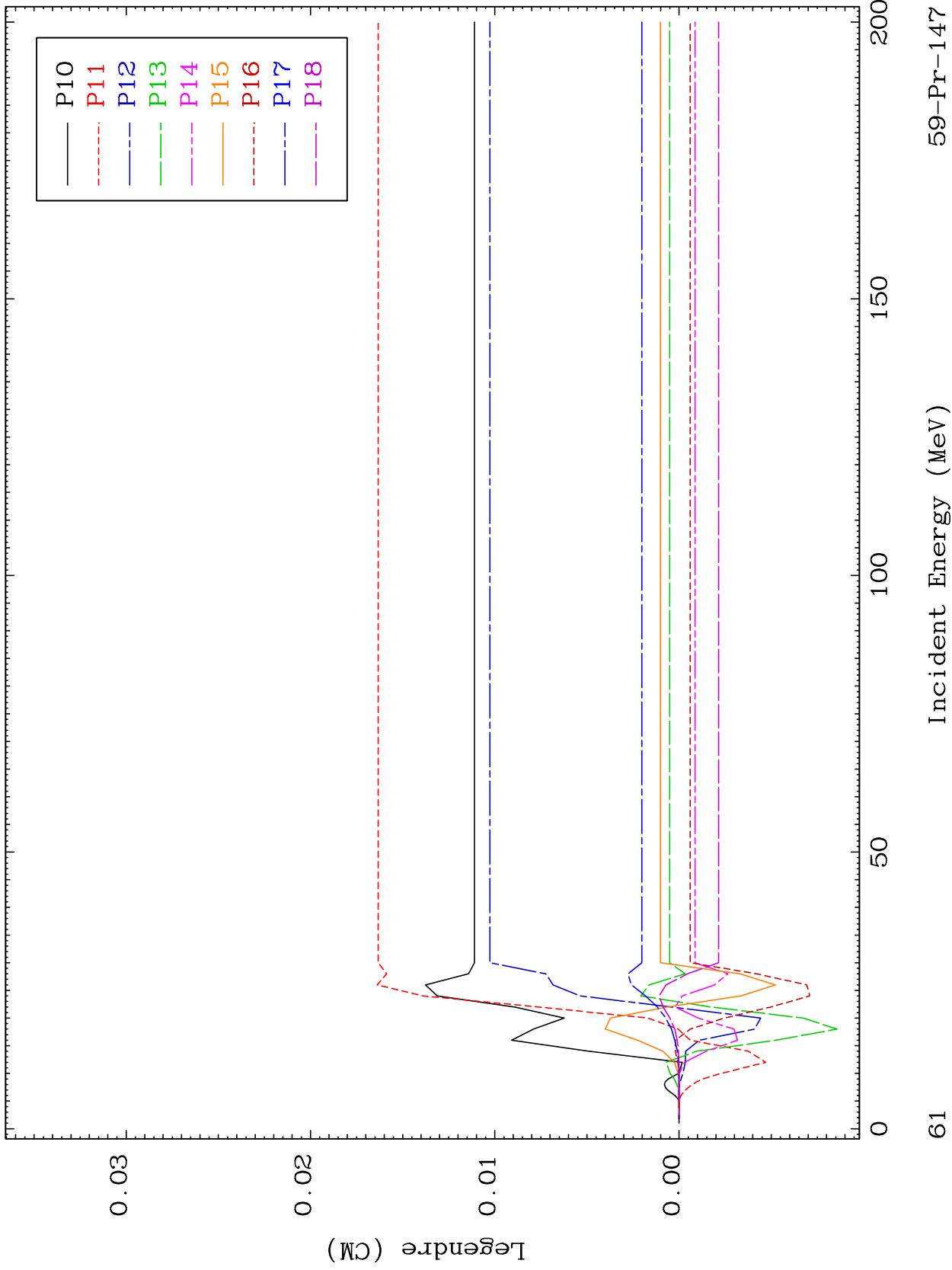


59-Pr-147

MAT 5943

545.9 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

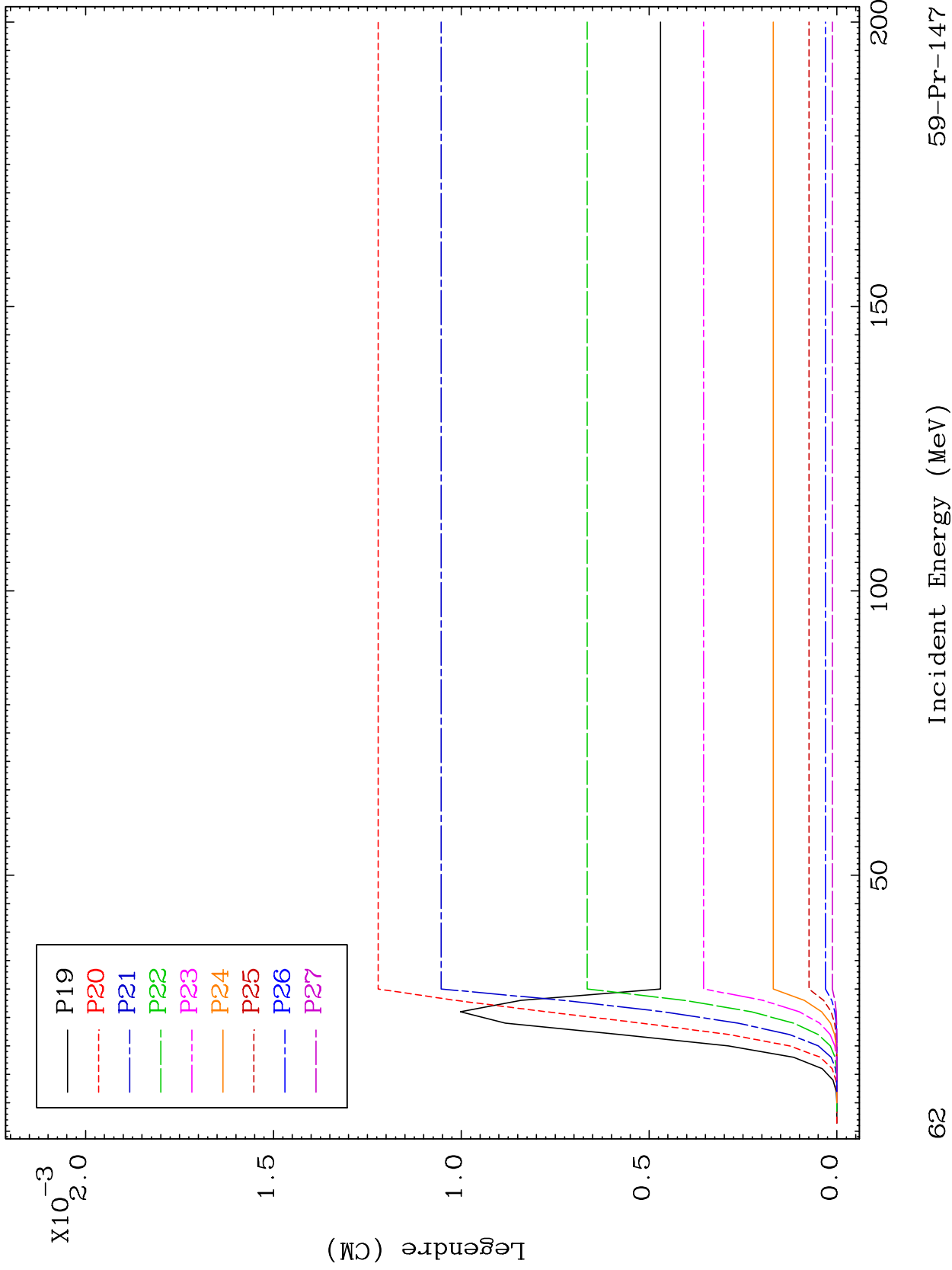
Incident Energy (MeV)

61

MAT 5943

545.9 keV (n, n') Level  
Legendre Coefficients

59-Pr-147



62

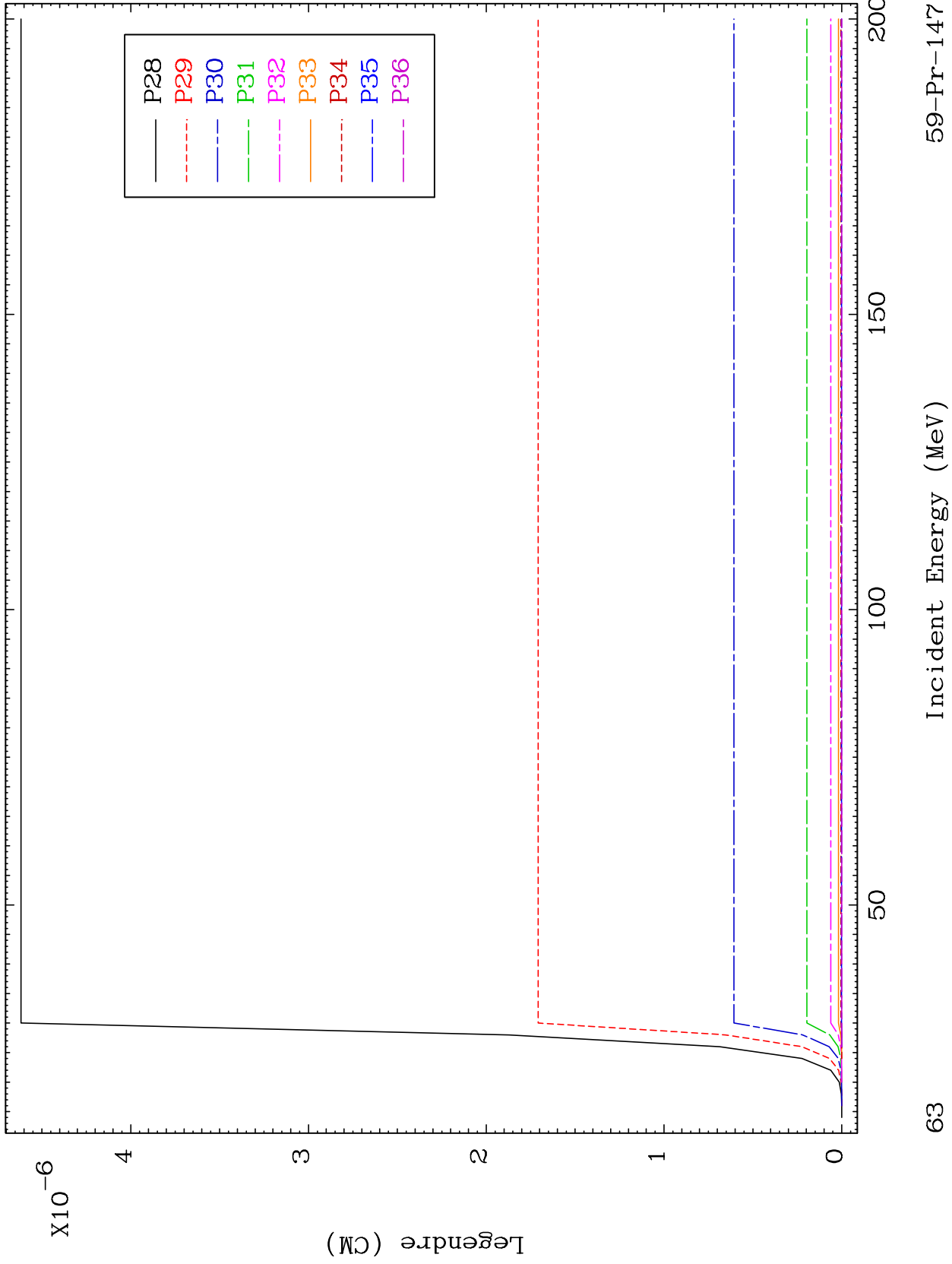
Incident Energy (MeV)

59-Pr-147

MAT 5943

545.9 keV (n,n') Level  
Legendre Coefficients

59-Pr-147

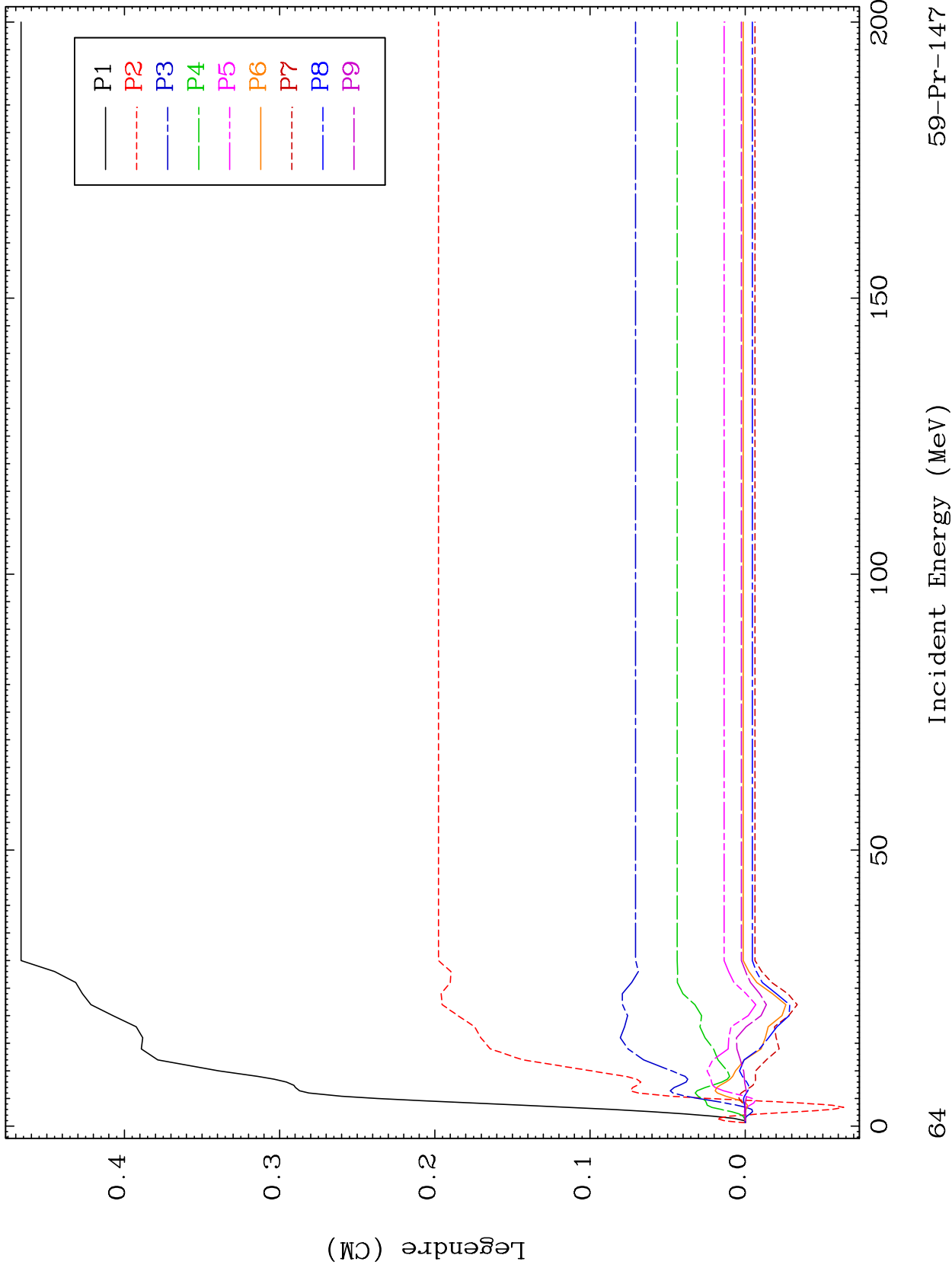




MAT 5943

608.0 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

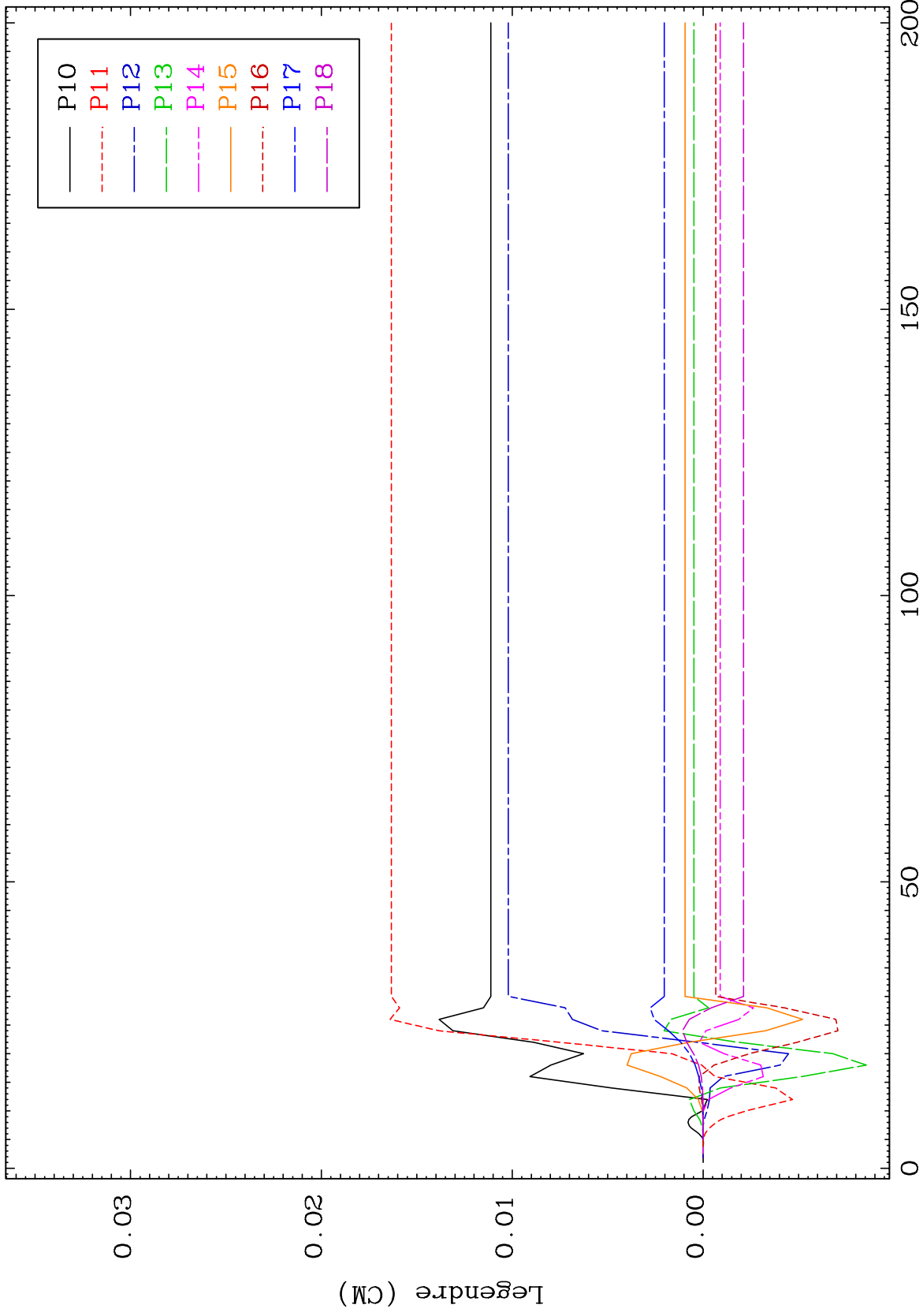
Incident Energy (MeV)

64

MAT 5943

608.0 keV (n,n') Level  
Legendre Coefficients

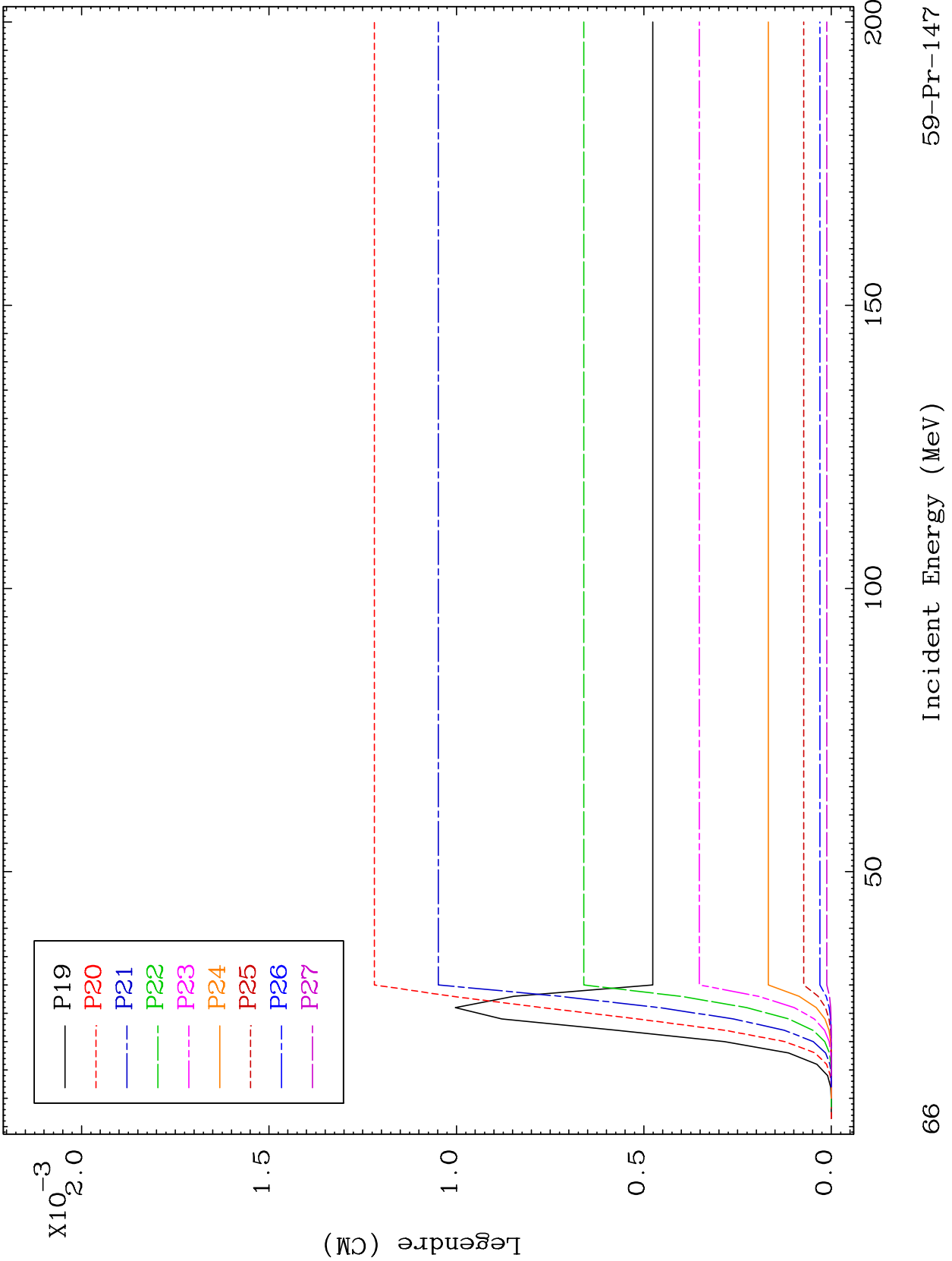
59-Pr-147



59-Pr-147

Incident Energy (MeV)

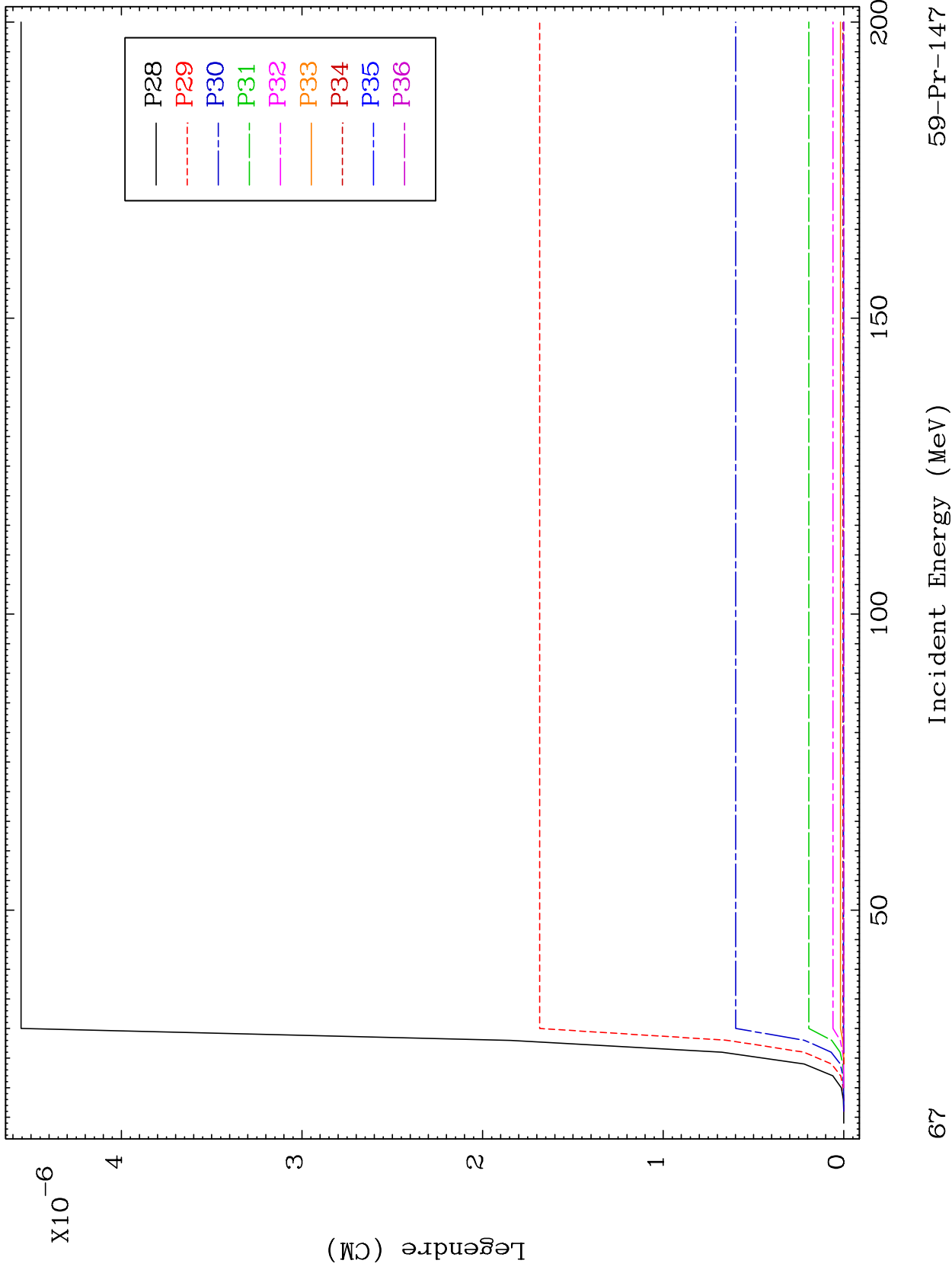
65



MAT 5943

608.0 keV (n,n') Level  
Legendre Coefficients

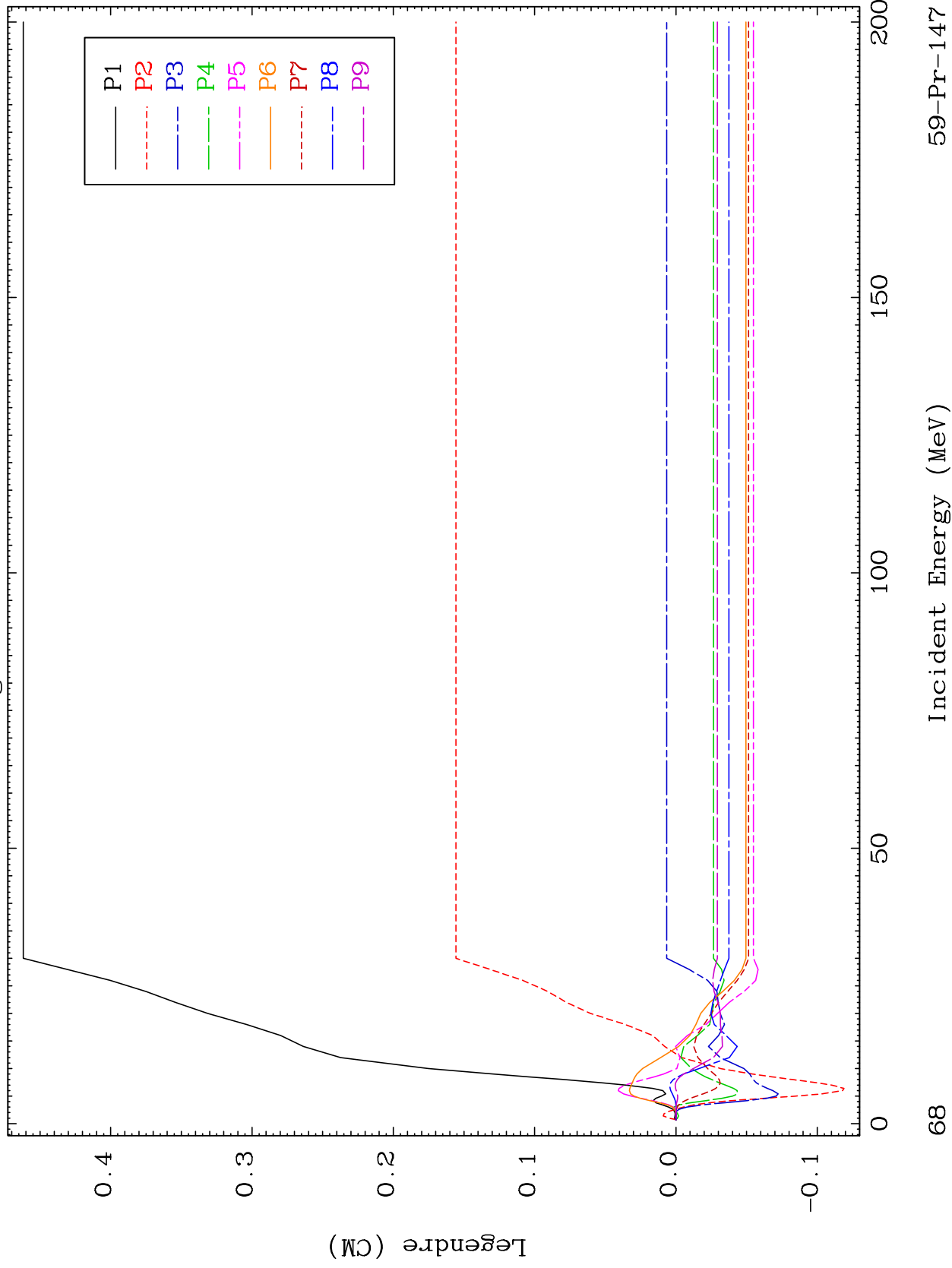
59-Pr-147



MAT 5943

638.0 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

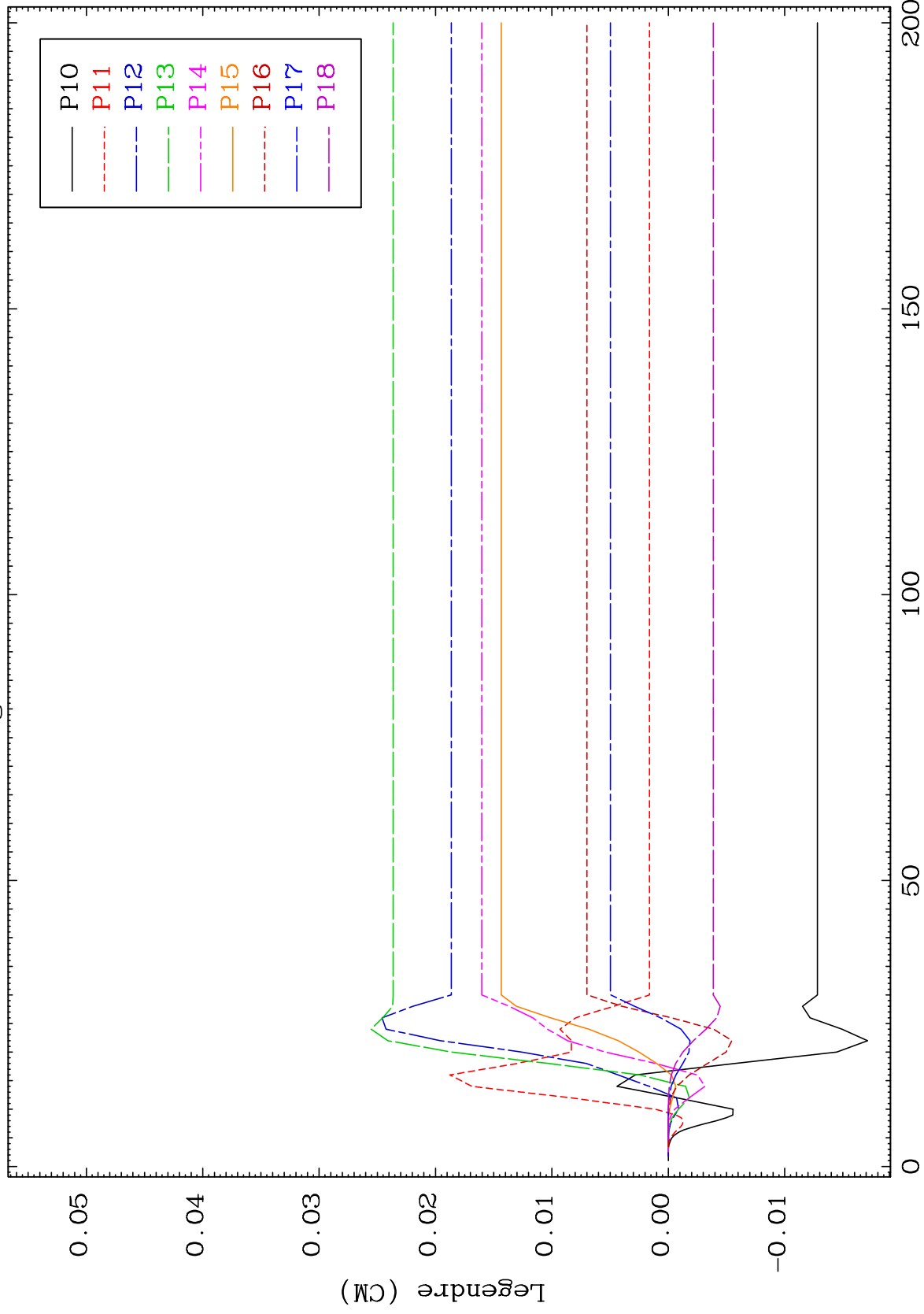
Incident Energy (MeV)

68

MAT 5943

638.0 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

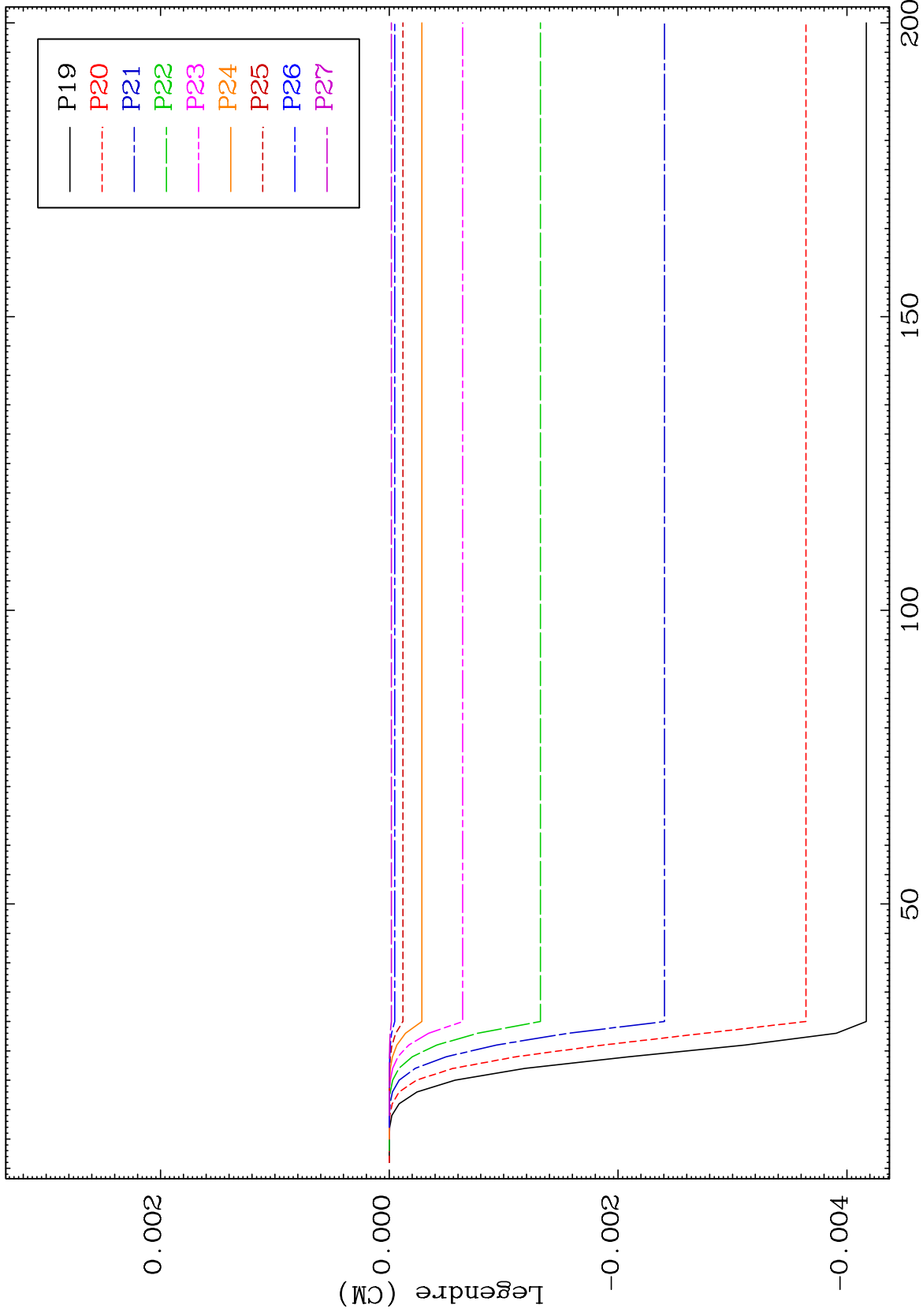
Incident Energy (MeV)

69

MAT 5943

638.0 keV (n,n') Level  
Legendre Coefficients

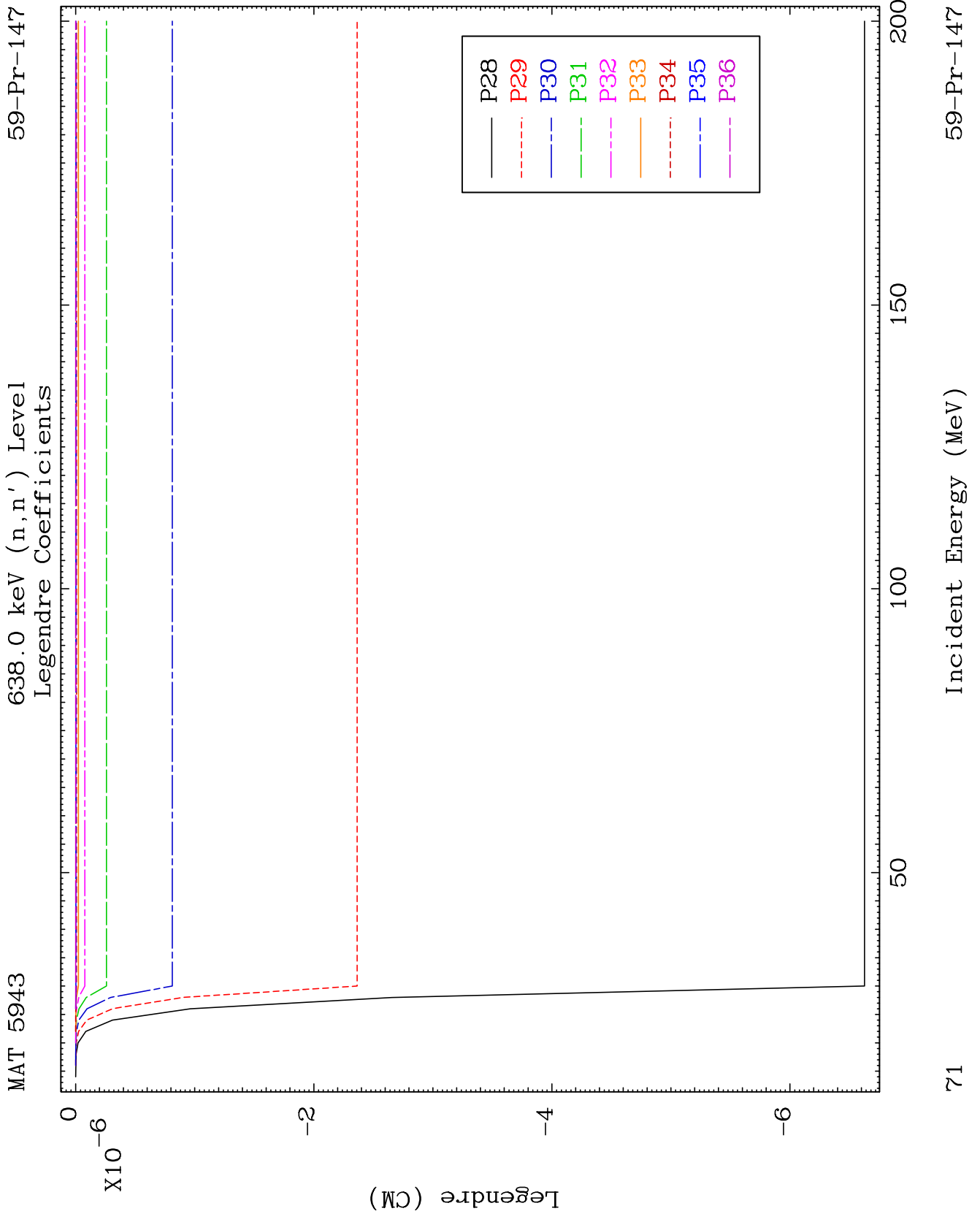
59-Pr-147



70

Incident Energy (MeV)

59-Pr-147

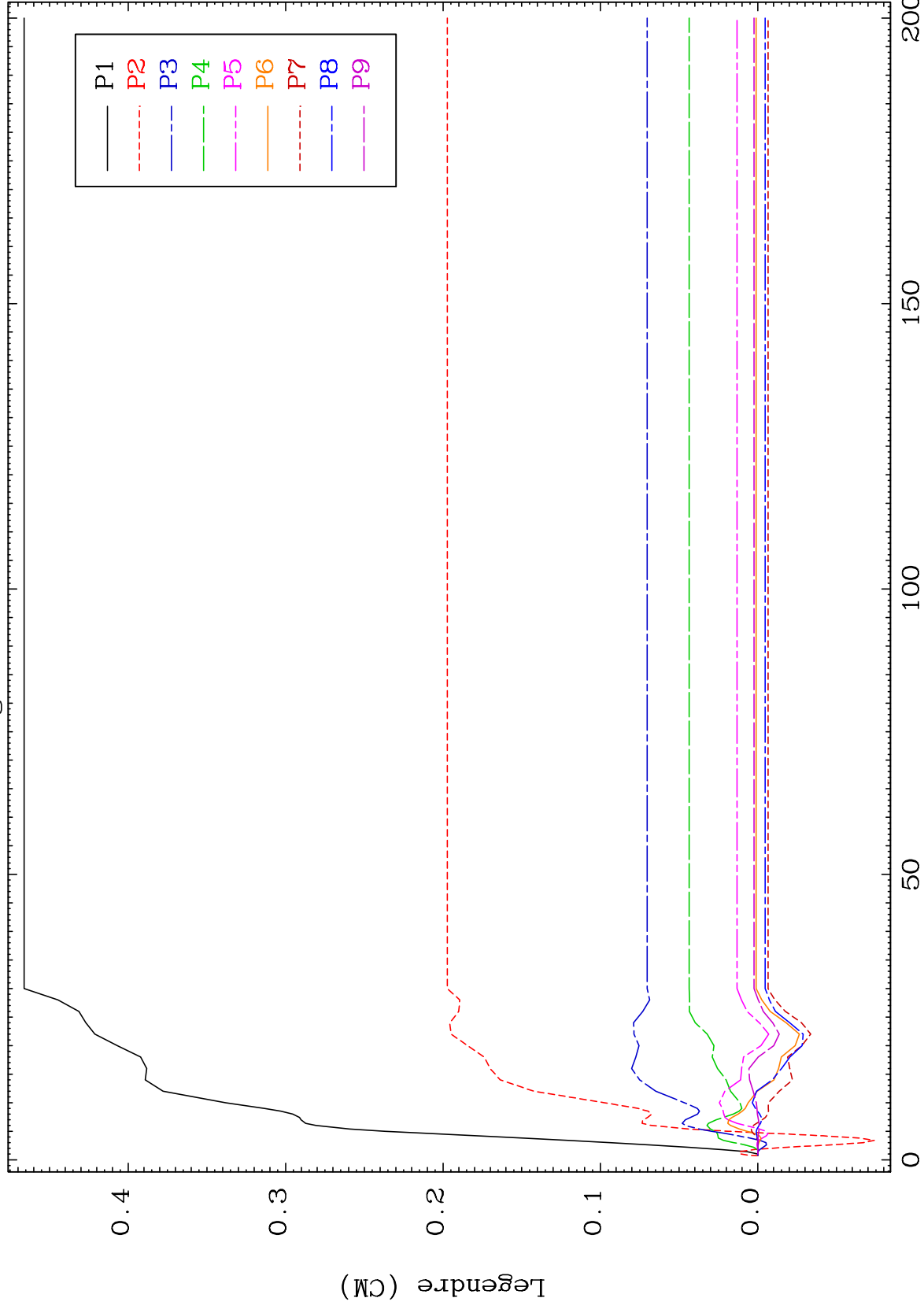




MAT 5943

701.3 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



72

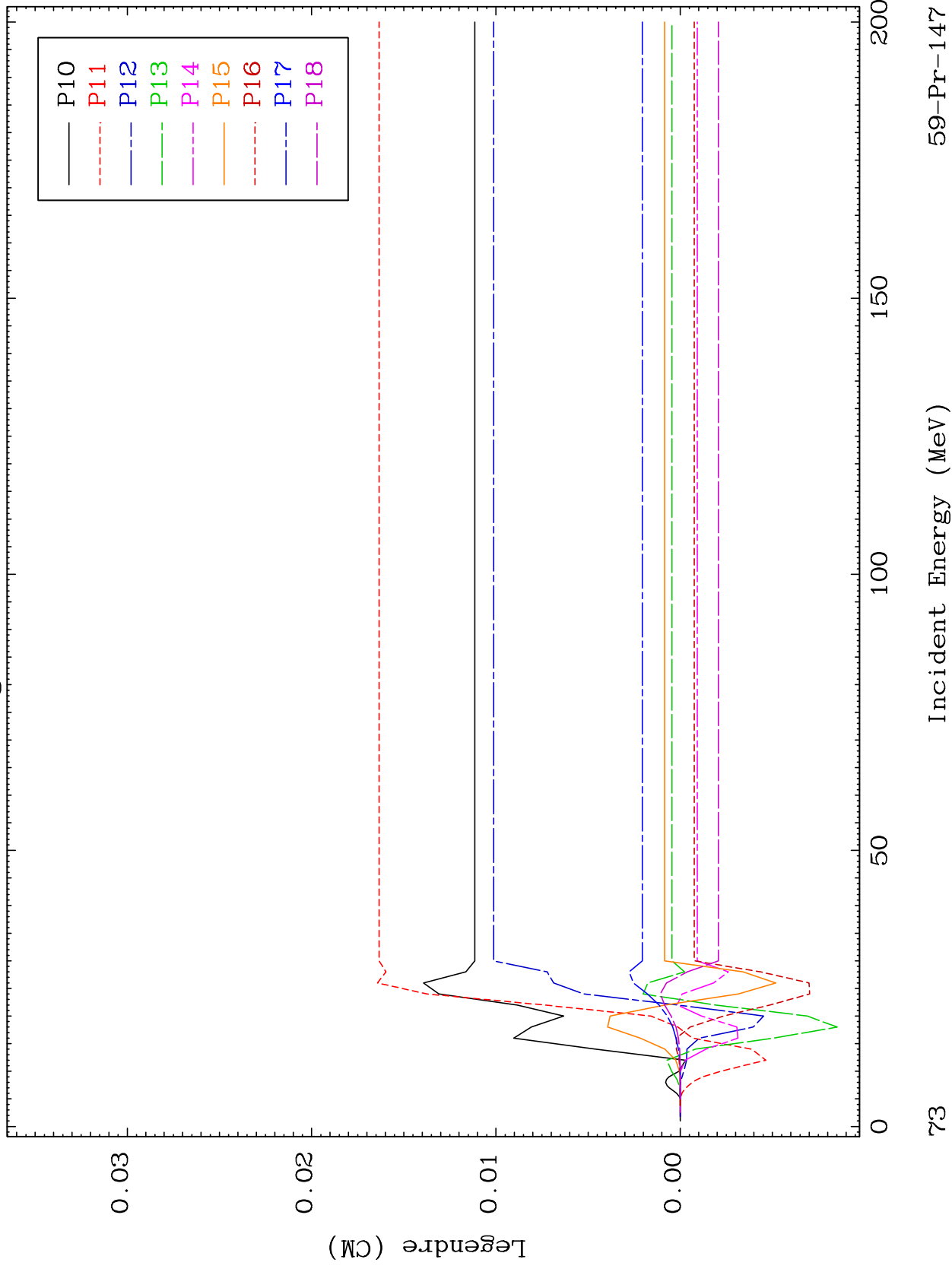
Incident Energy (MeV)

59-Pr-147

MAT 5943

701.3 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

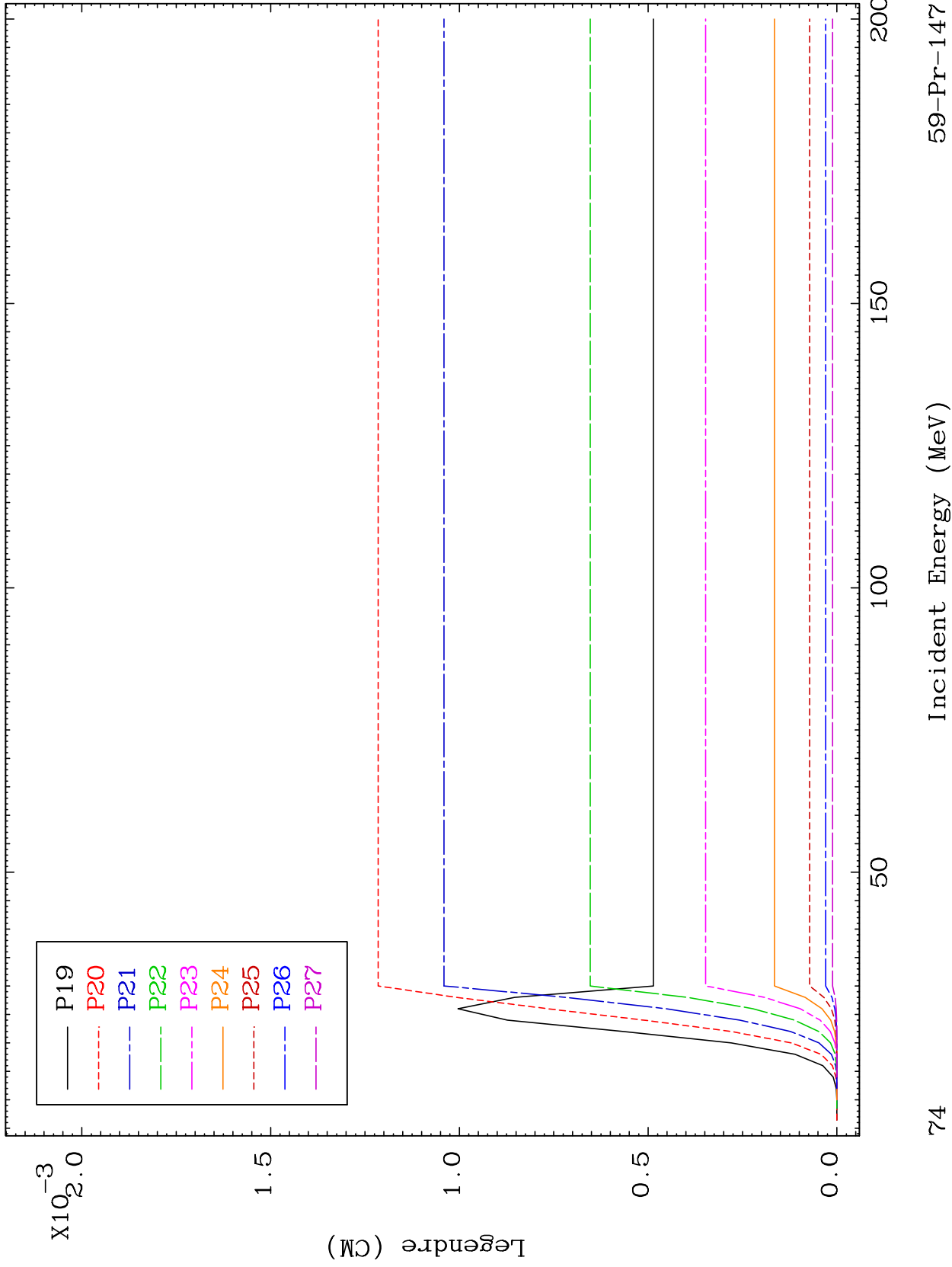
Incident Energy (MeV)

73

MAT 5943

701.3 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



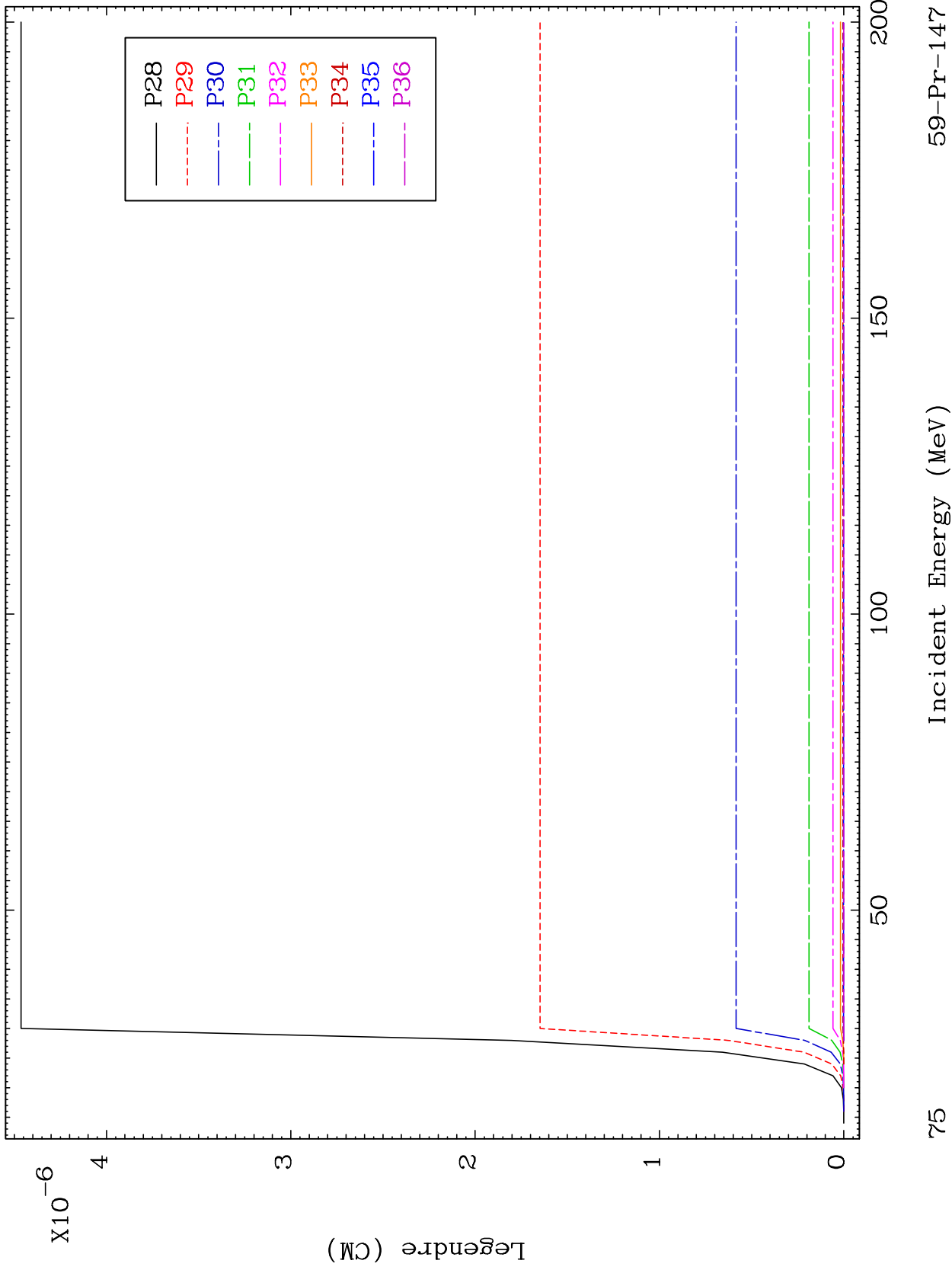
74

59-Pr-147

MAT 5943

701.3 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



75

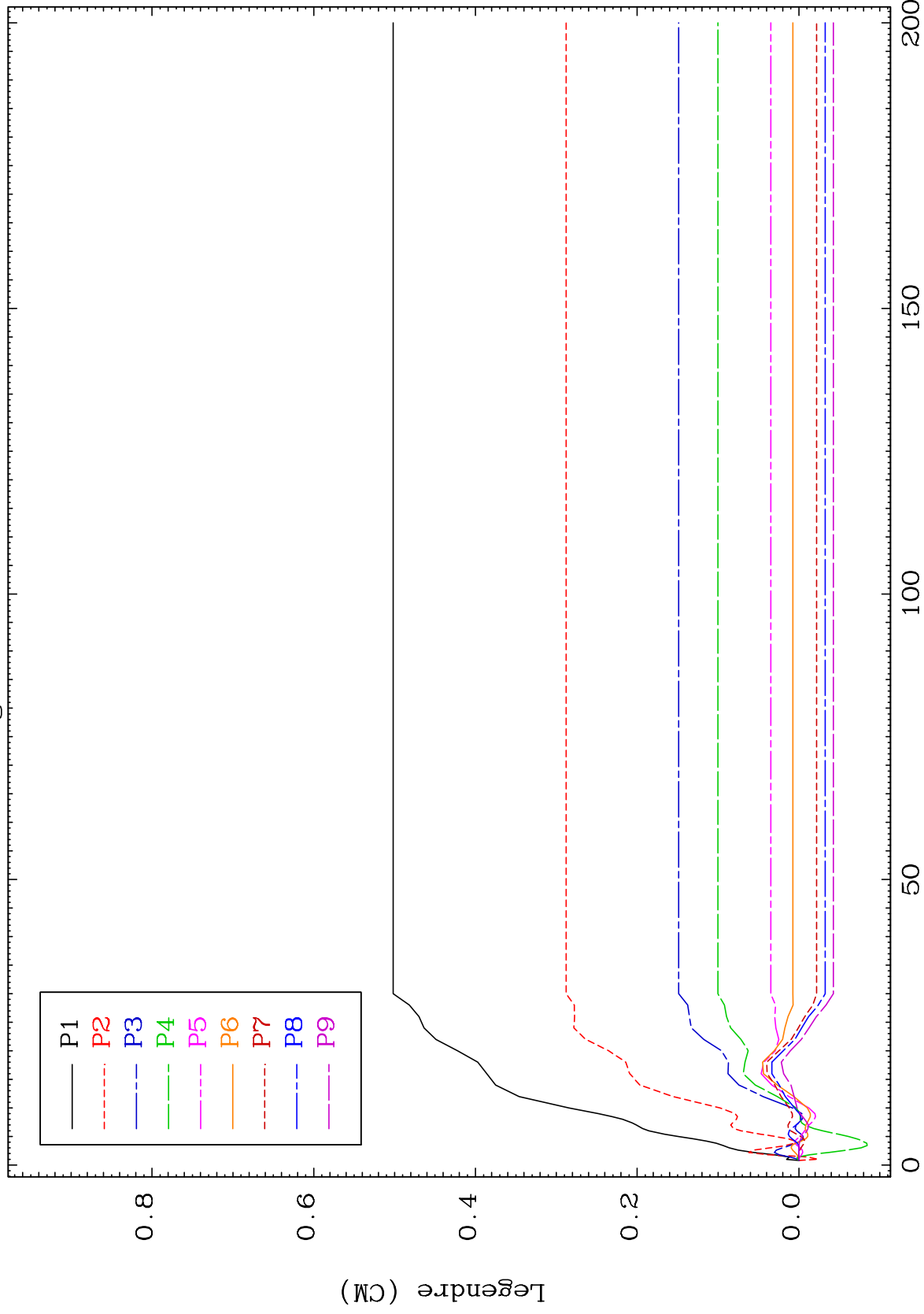
Incident Energy (MeV)

59-Pr-147

MAT 5943

748.9 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



76

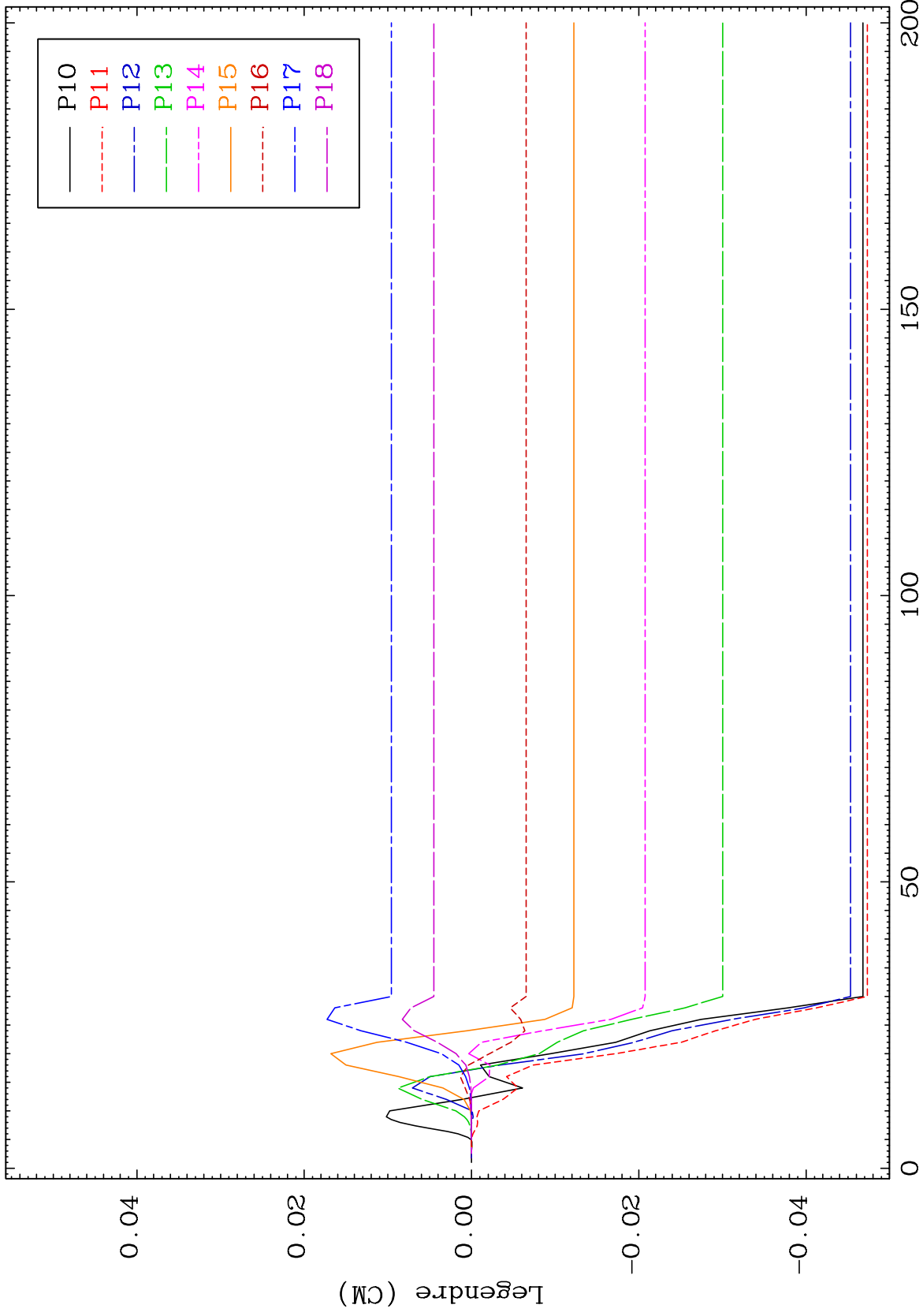
Incident Energy (MeV)

59-Pr-147

MAT 5943

748.9 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



77

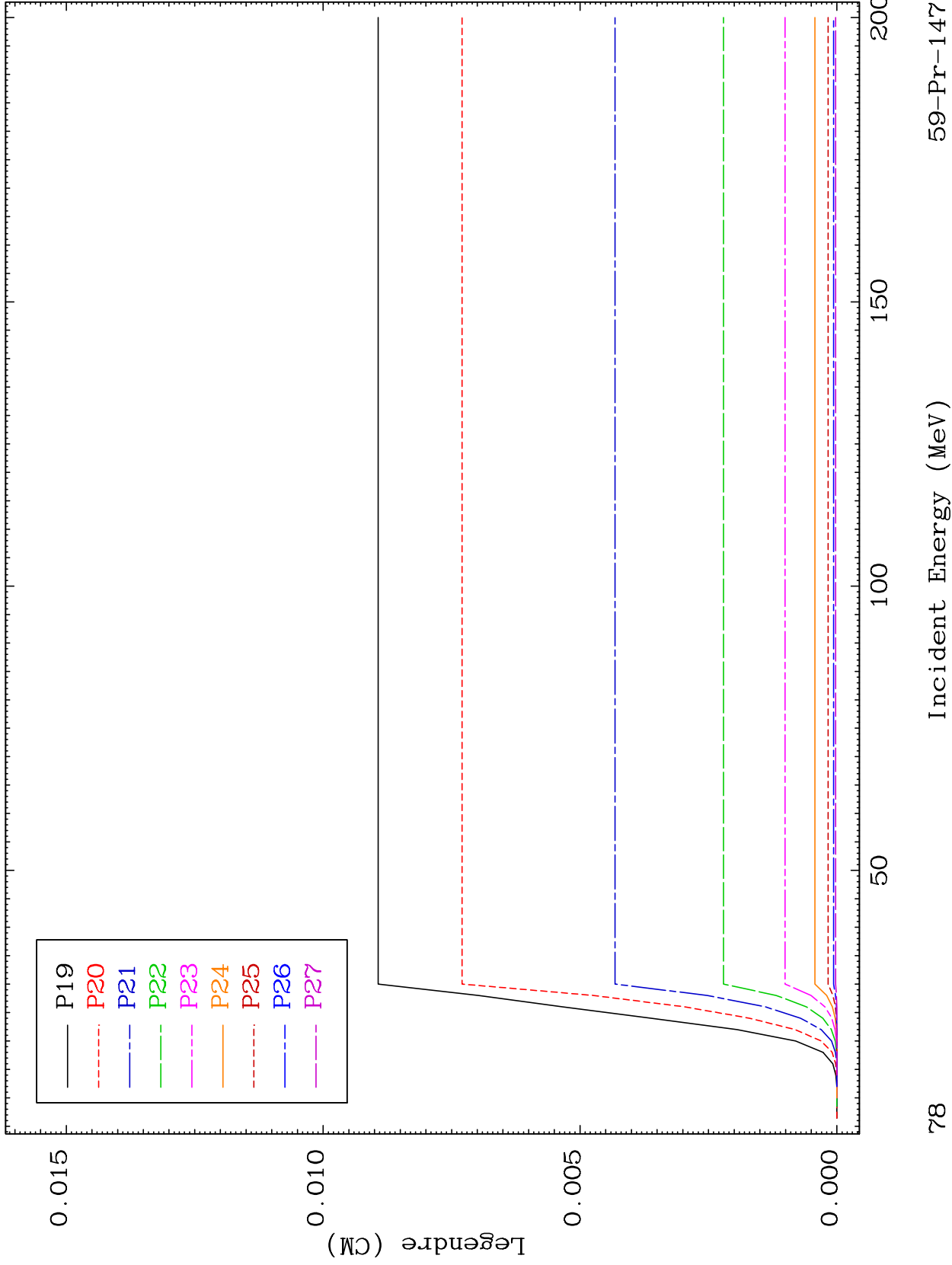
Incident Energy (MeV)

59-Pr-147

MAT 5943

748.9 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



78

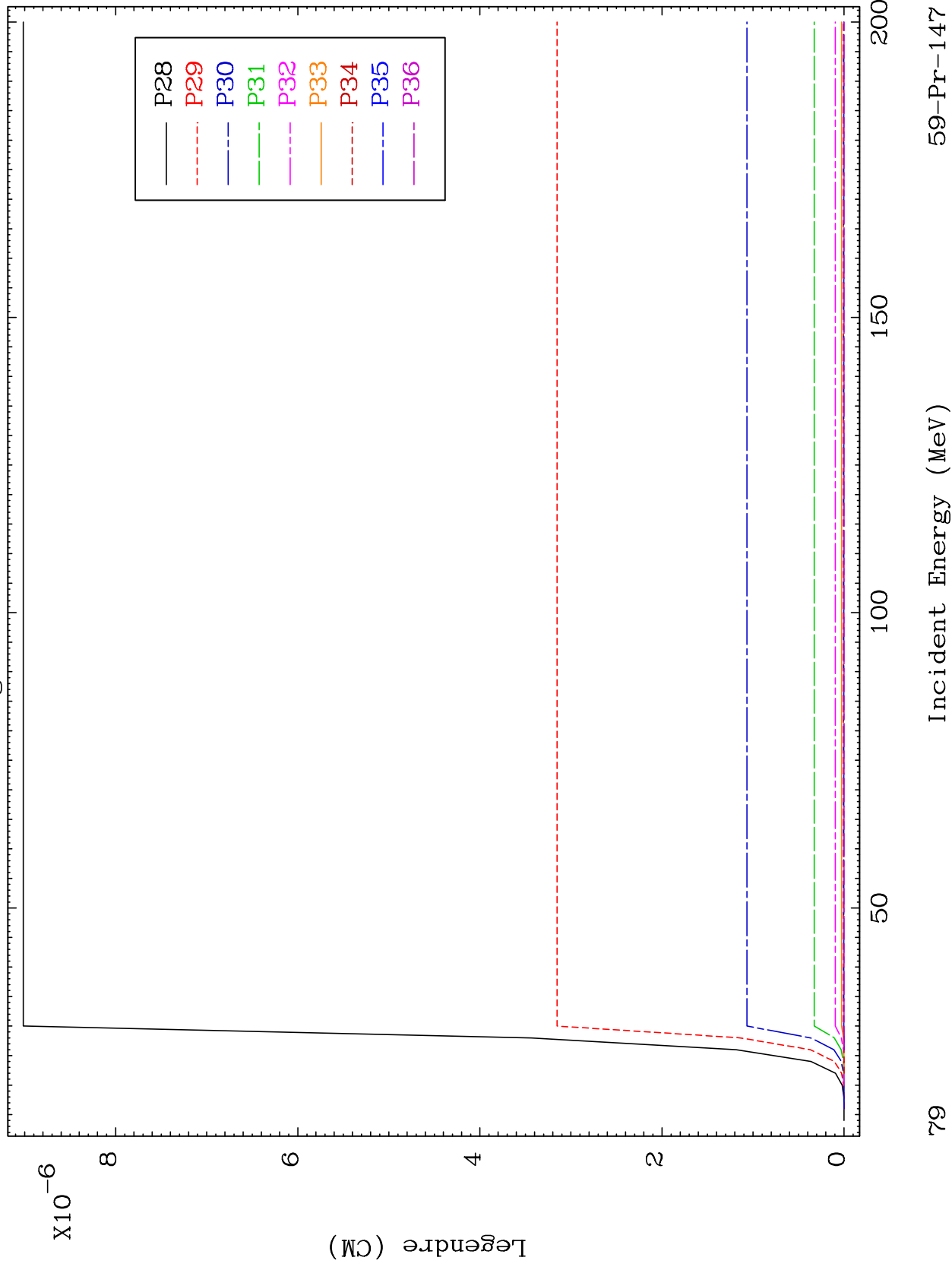
Incident Energy (MeV)

59-Pr-147

MAT 5943

748.9 keV (n,n') Level  
Legendre Coefficients

59-Pr-147

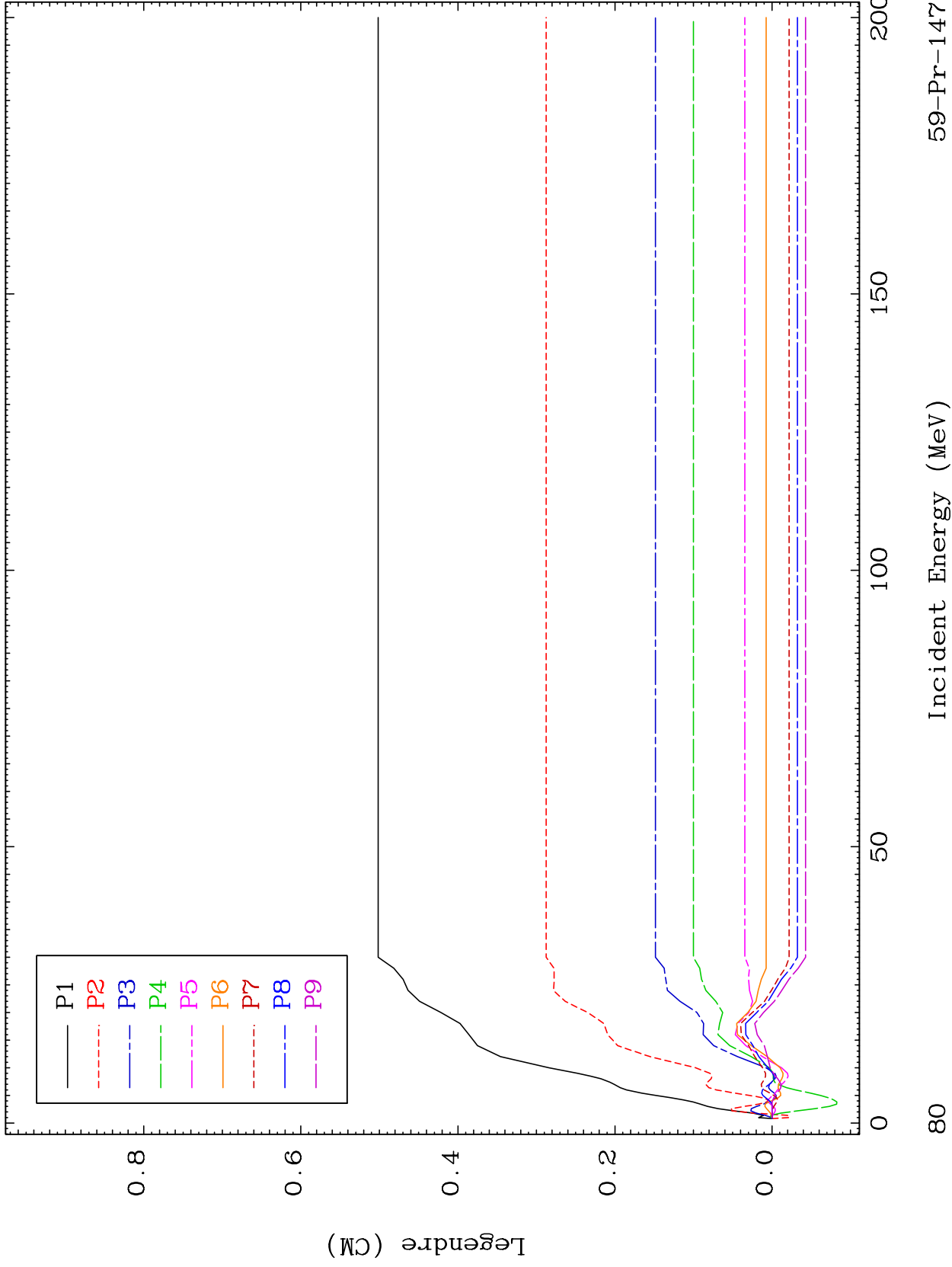




MAT 5943

783.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

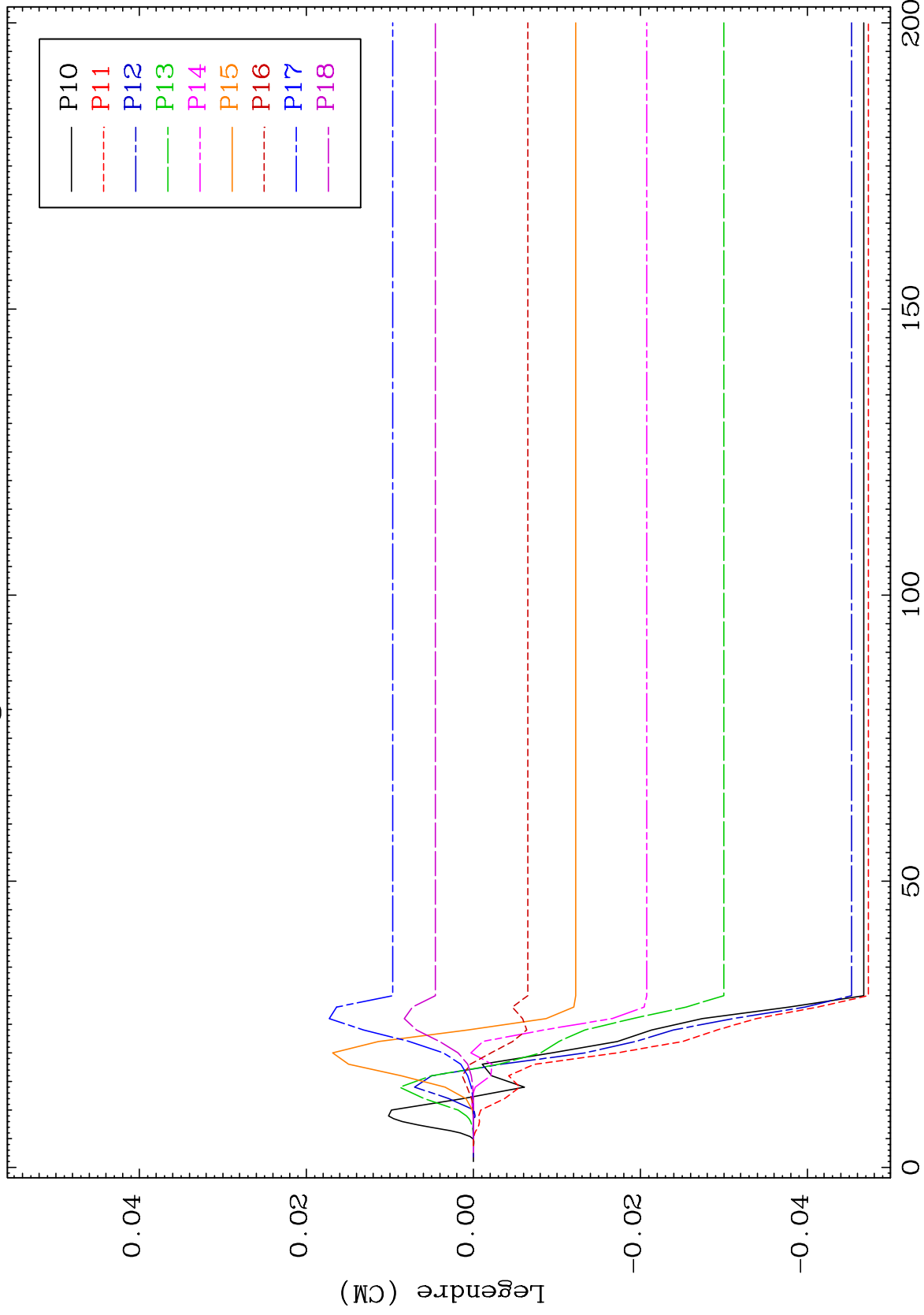
Incident Energy (MeV)

80

MAT 5943

783.6 keV (n,n') Level  
Legendre Coefficients

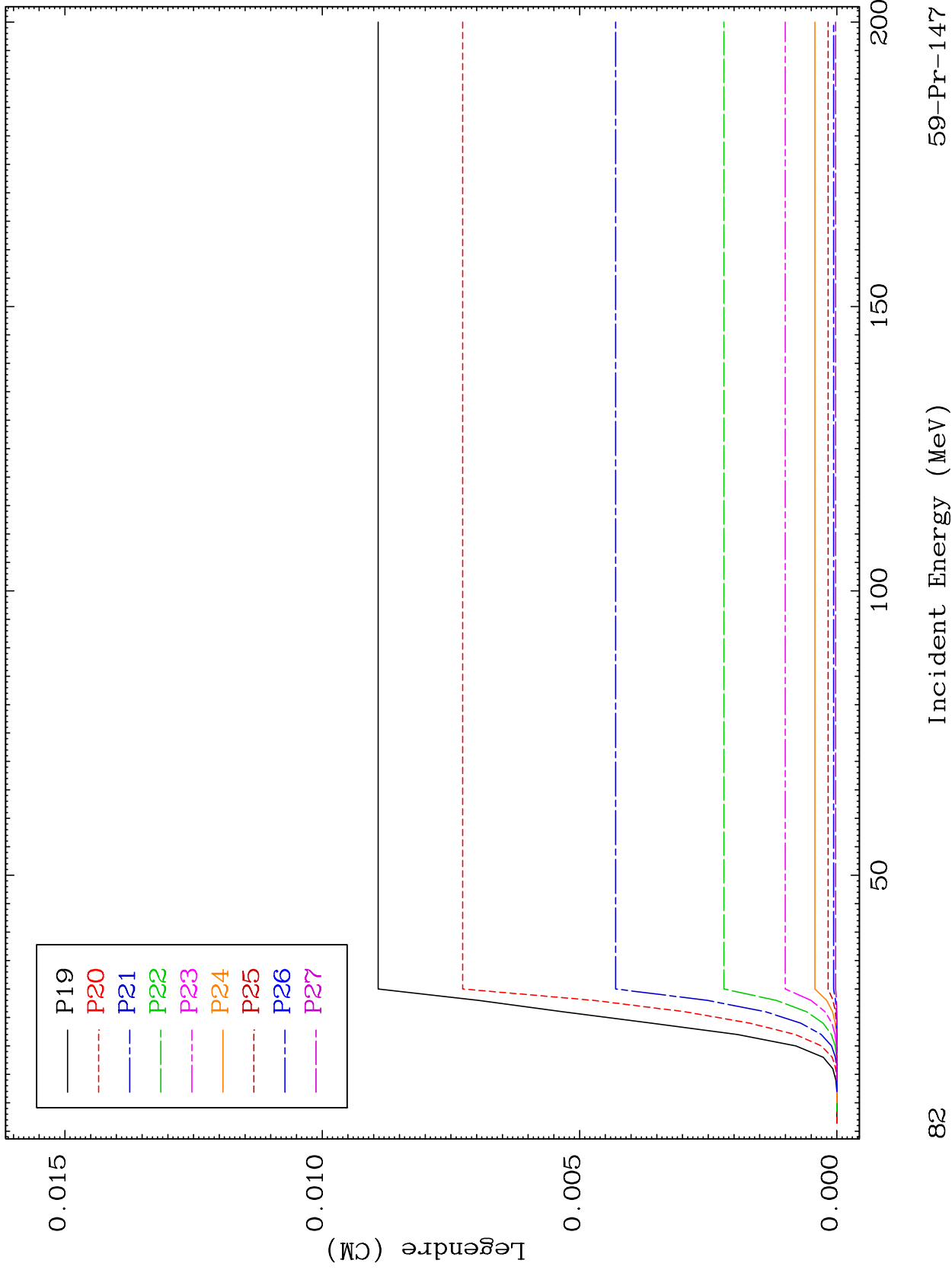
59-Pr-147



81

Incident Energy (MeV)

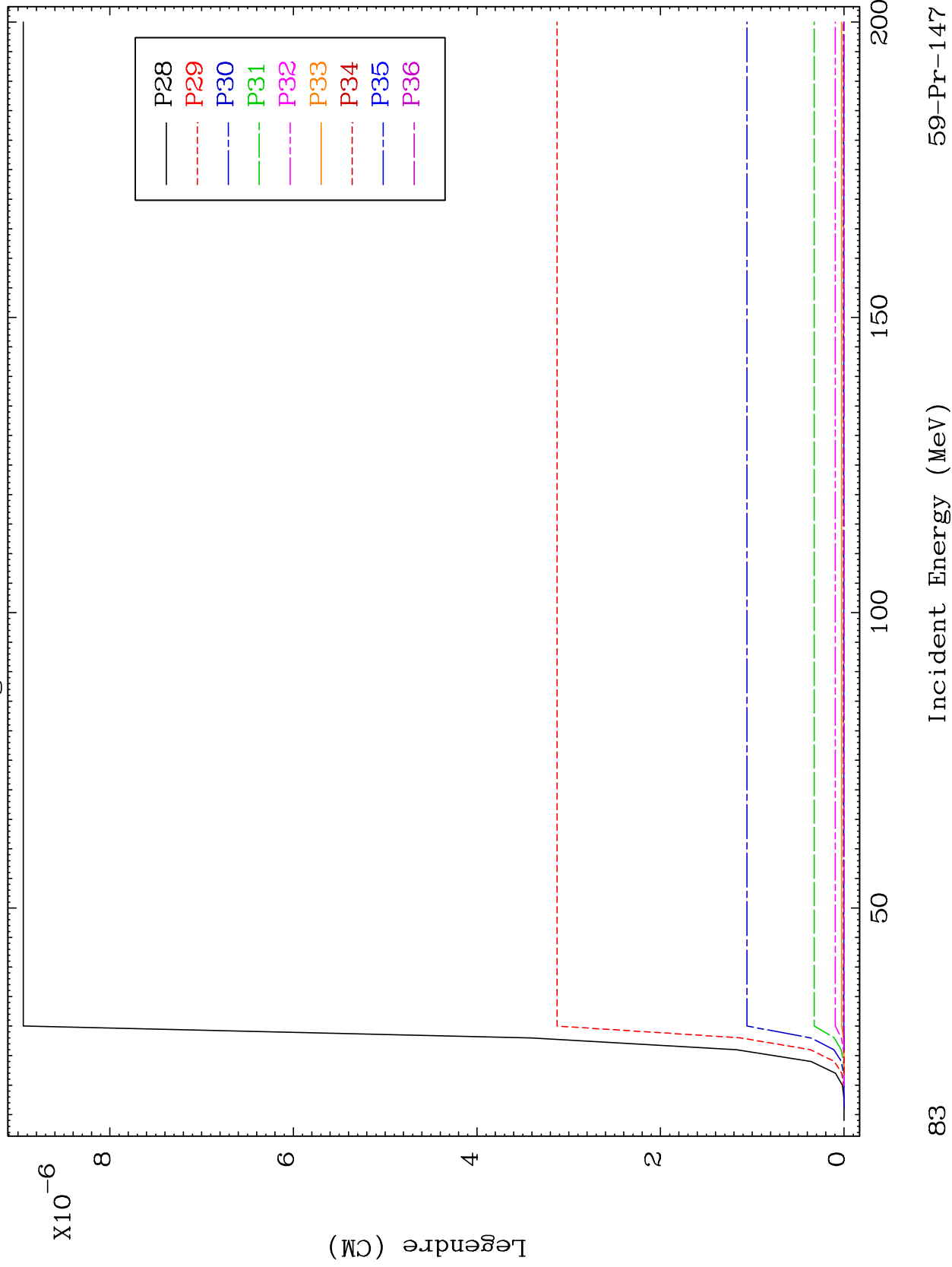
59-Pr-147



MAT 5943

783.6 keV (n, n') Level  
Legendre Coefficients

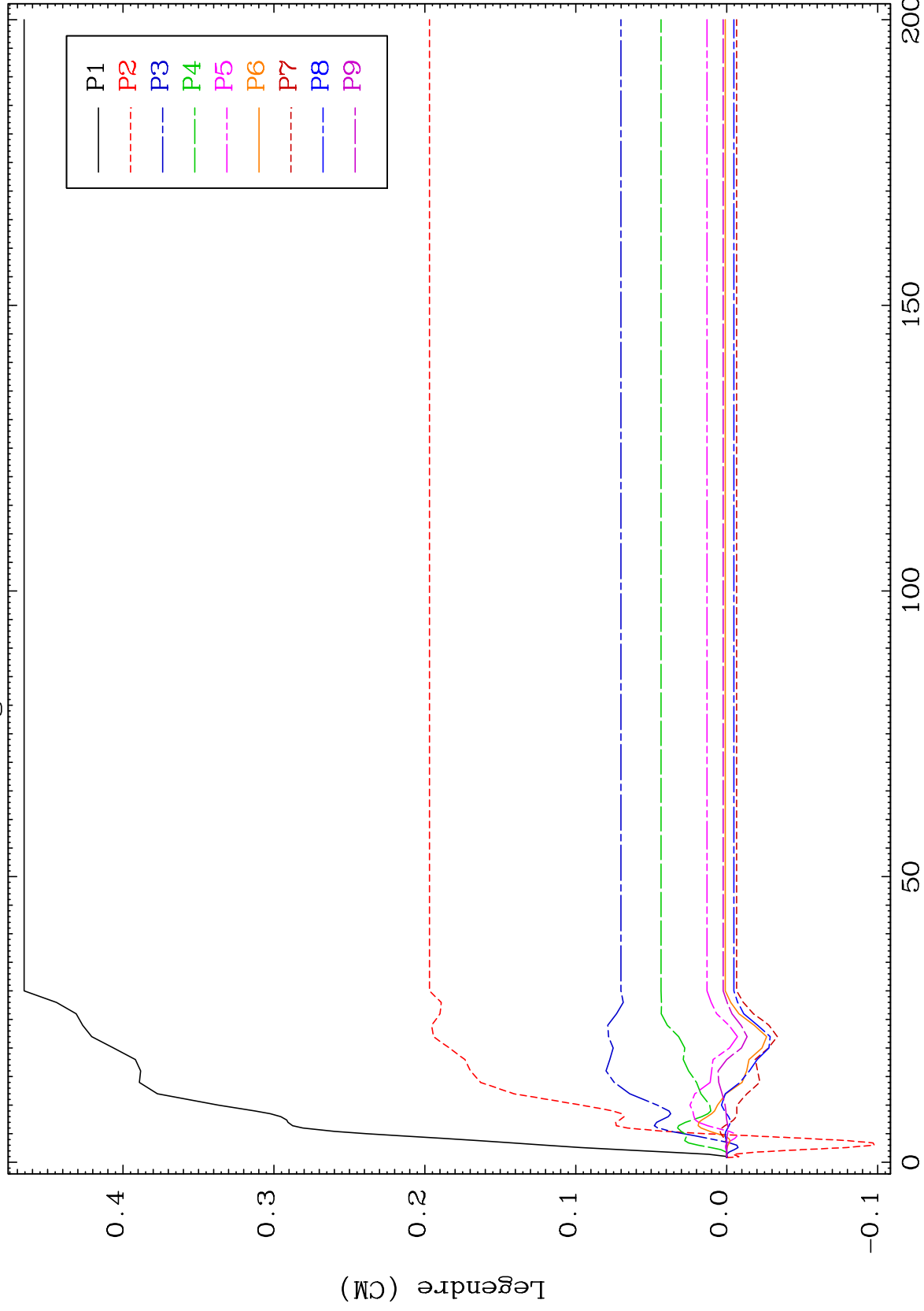
59-Pr-147



MAT 5943

802.8 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



84

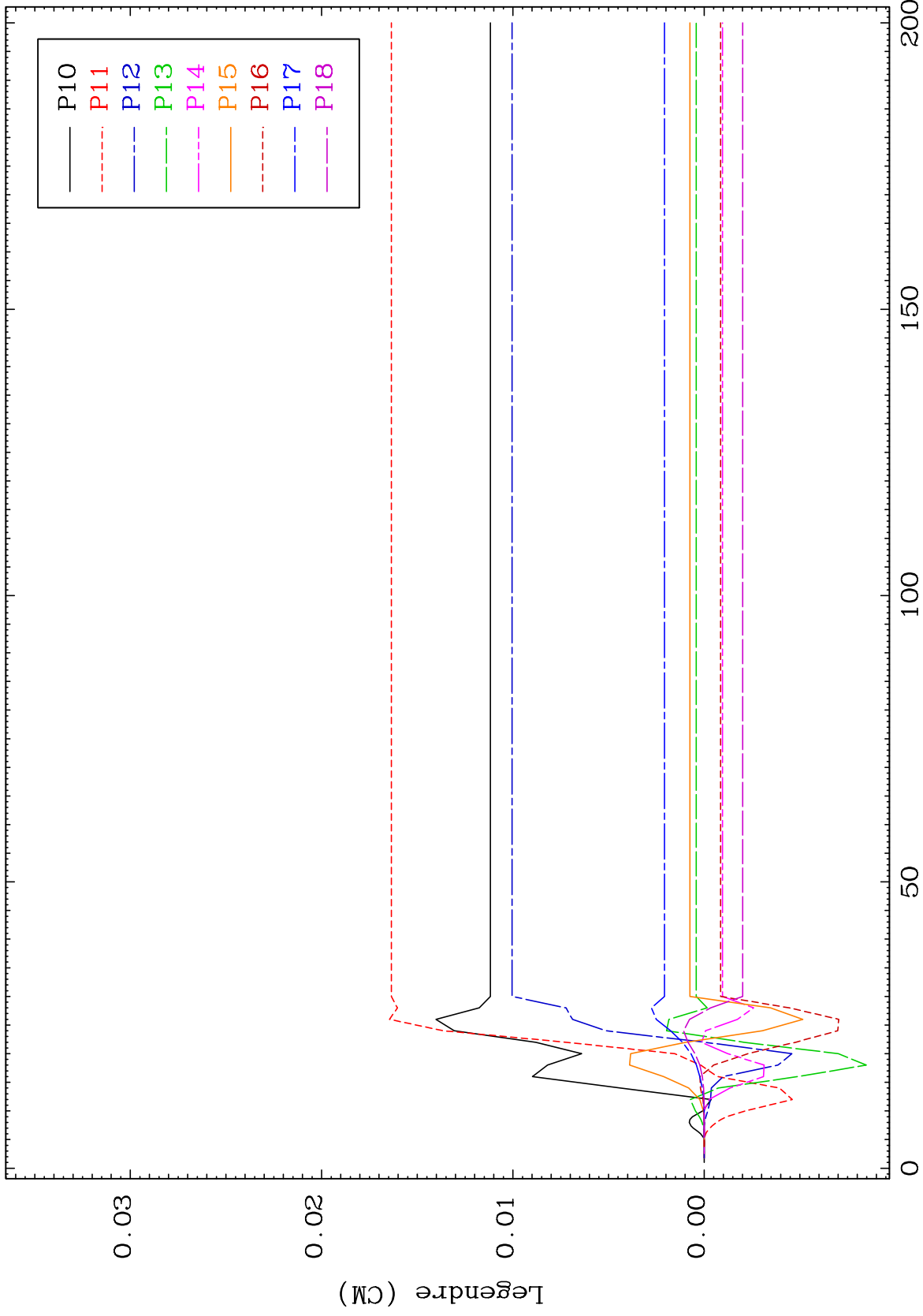
Incident Energy (MeV)

59-Pr-147

MAT 5943

802.8 keV (n,n') Level  
Legendre Coefficients

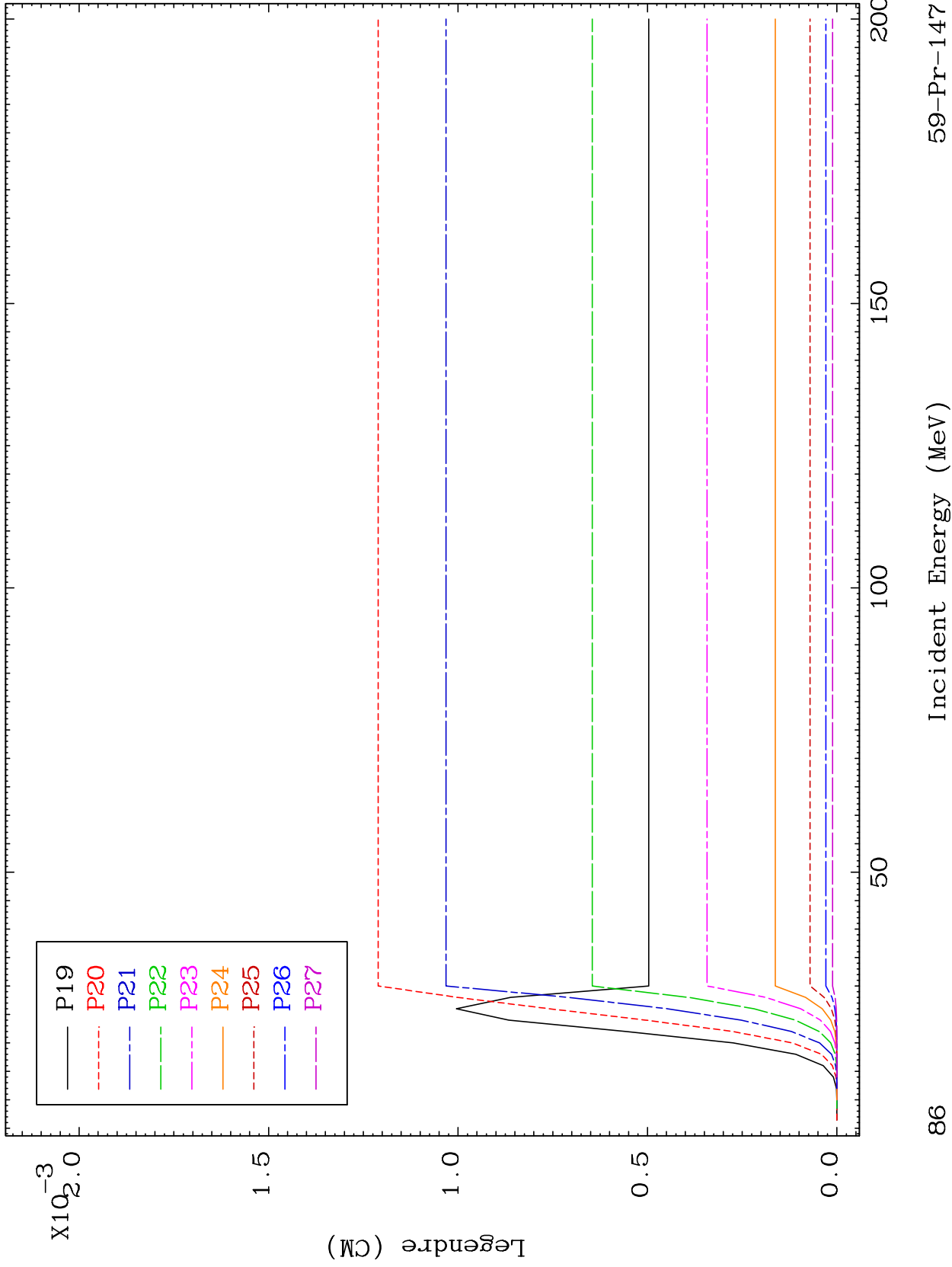
59-Pr-147



85

Incident Energy (MeV)

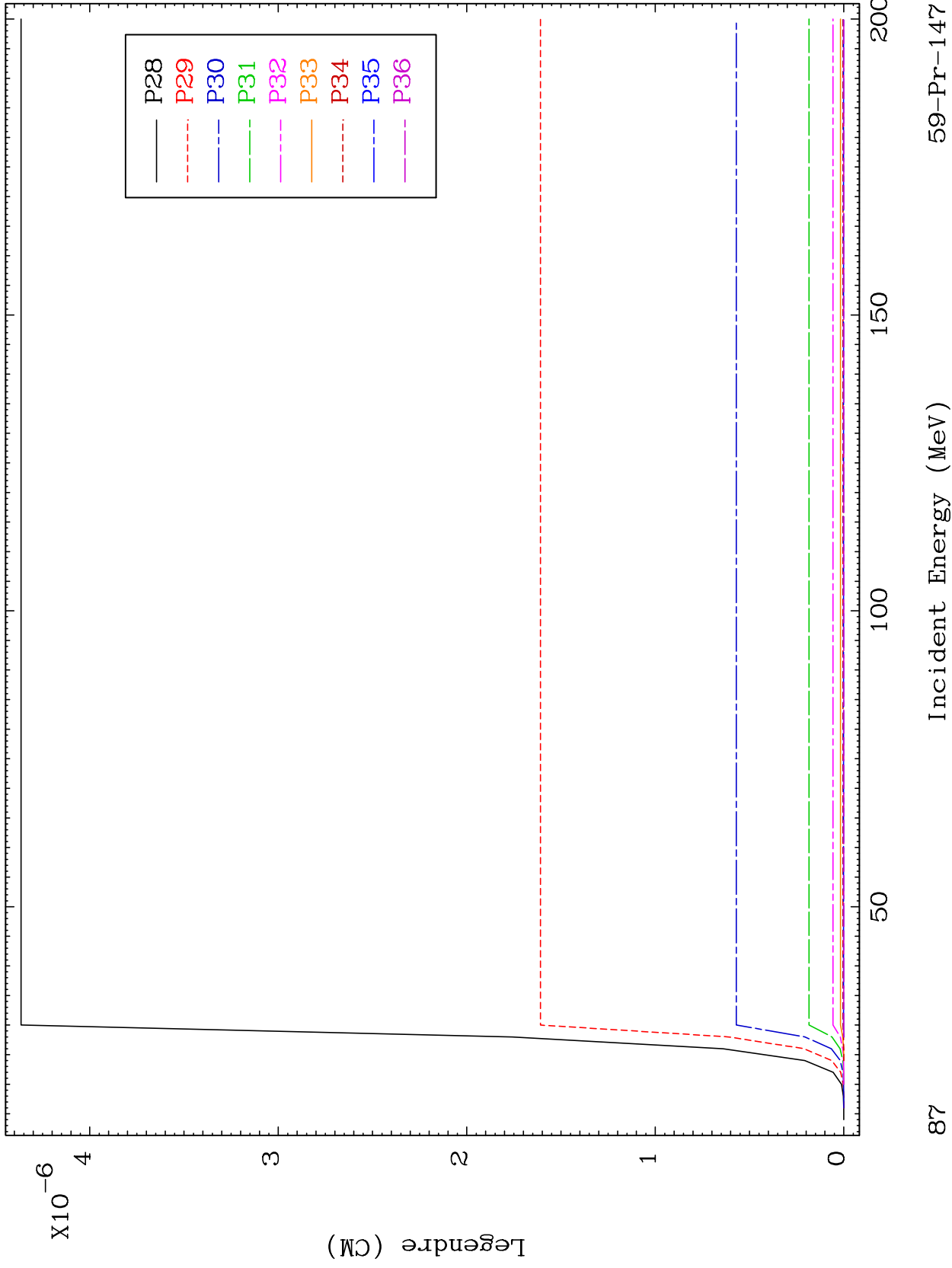
59-Pr-147



MAT 5943

802.8 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



87

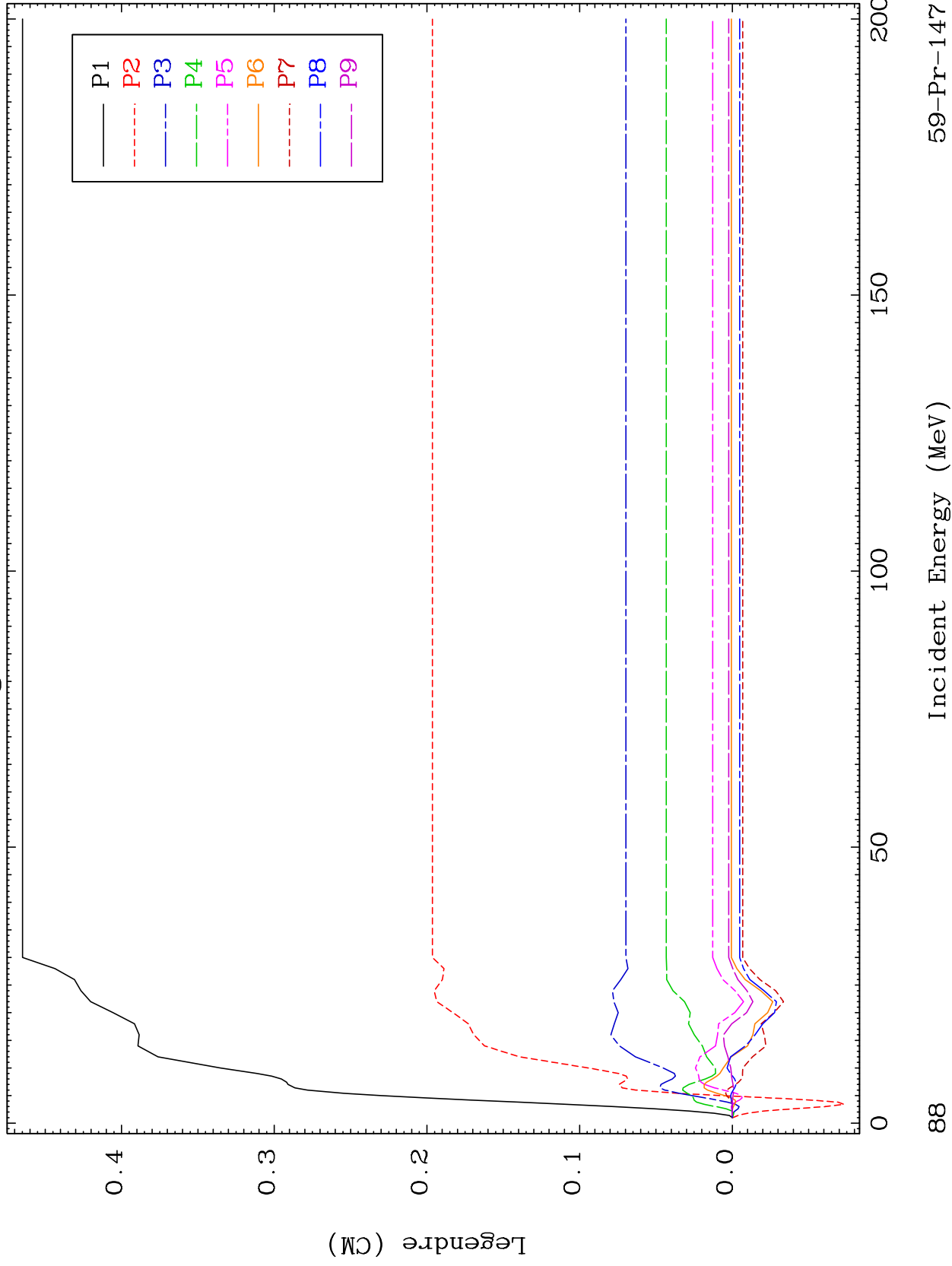
59-Pr-147



MAT 5943

931.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

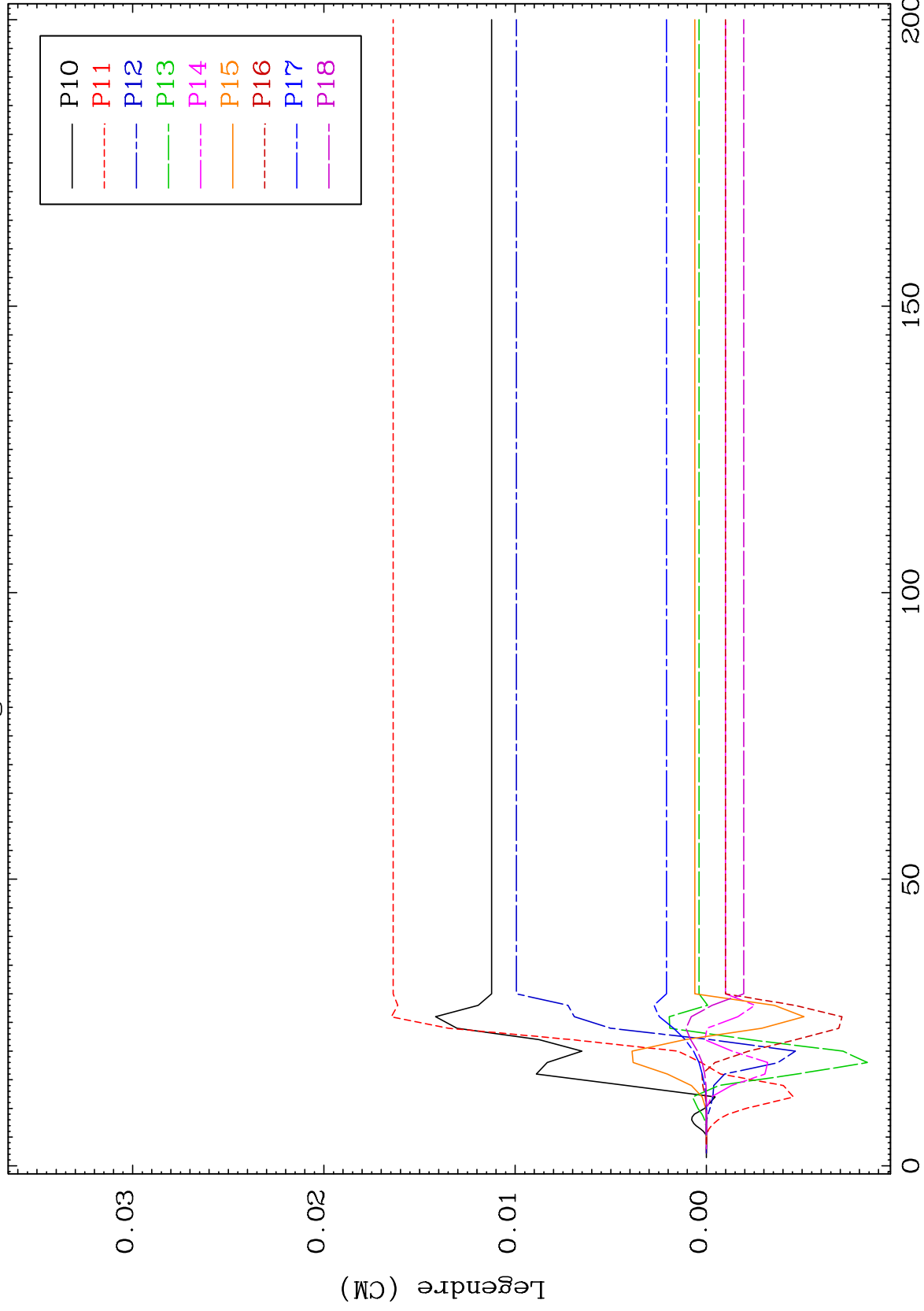
Incident Energy (MeV)

88

MAT 5943

931.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



89

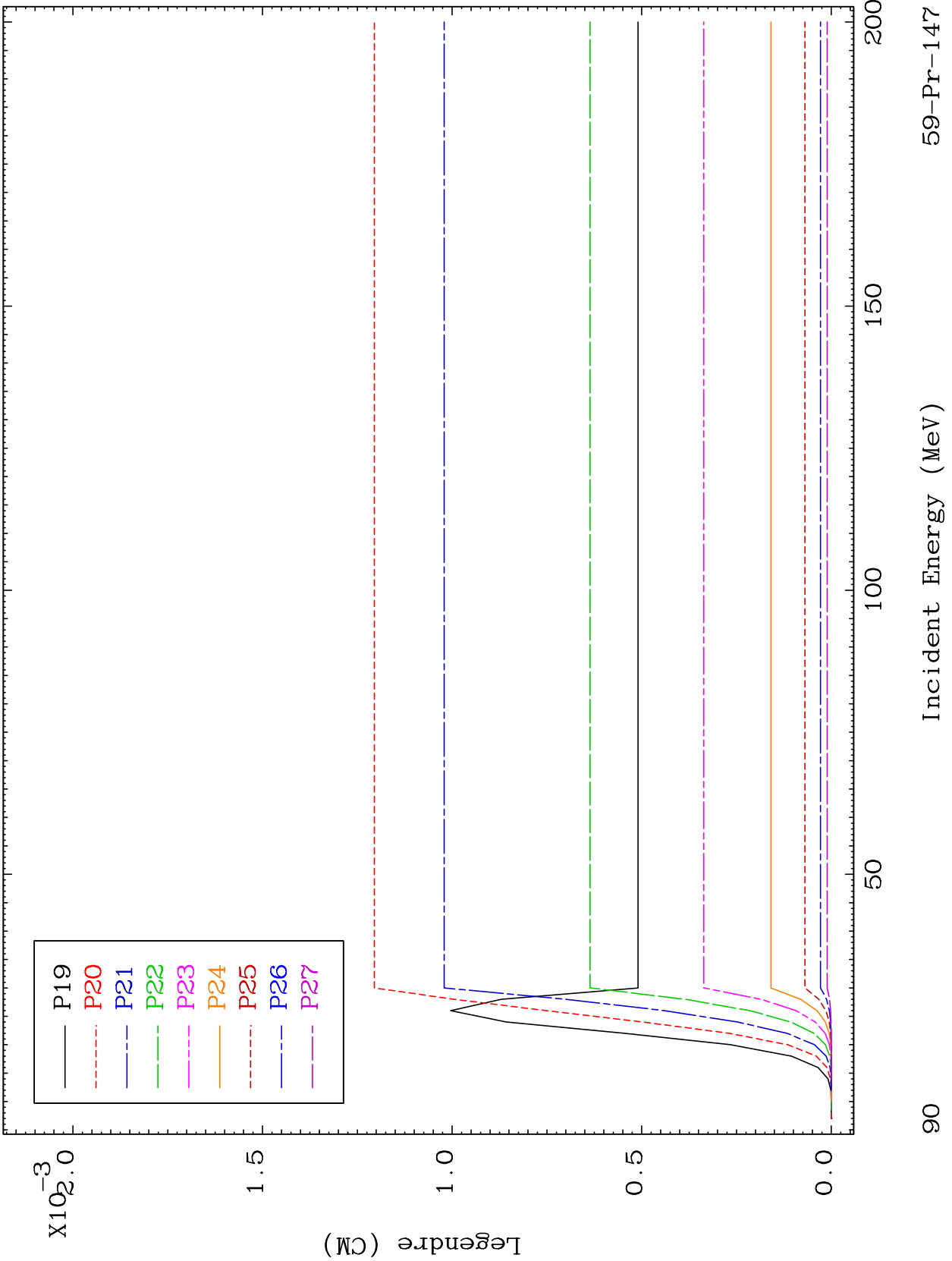
Incident Energy (MeV)

59-Pr-147

MAT 5943

931.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

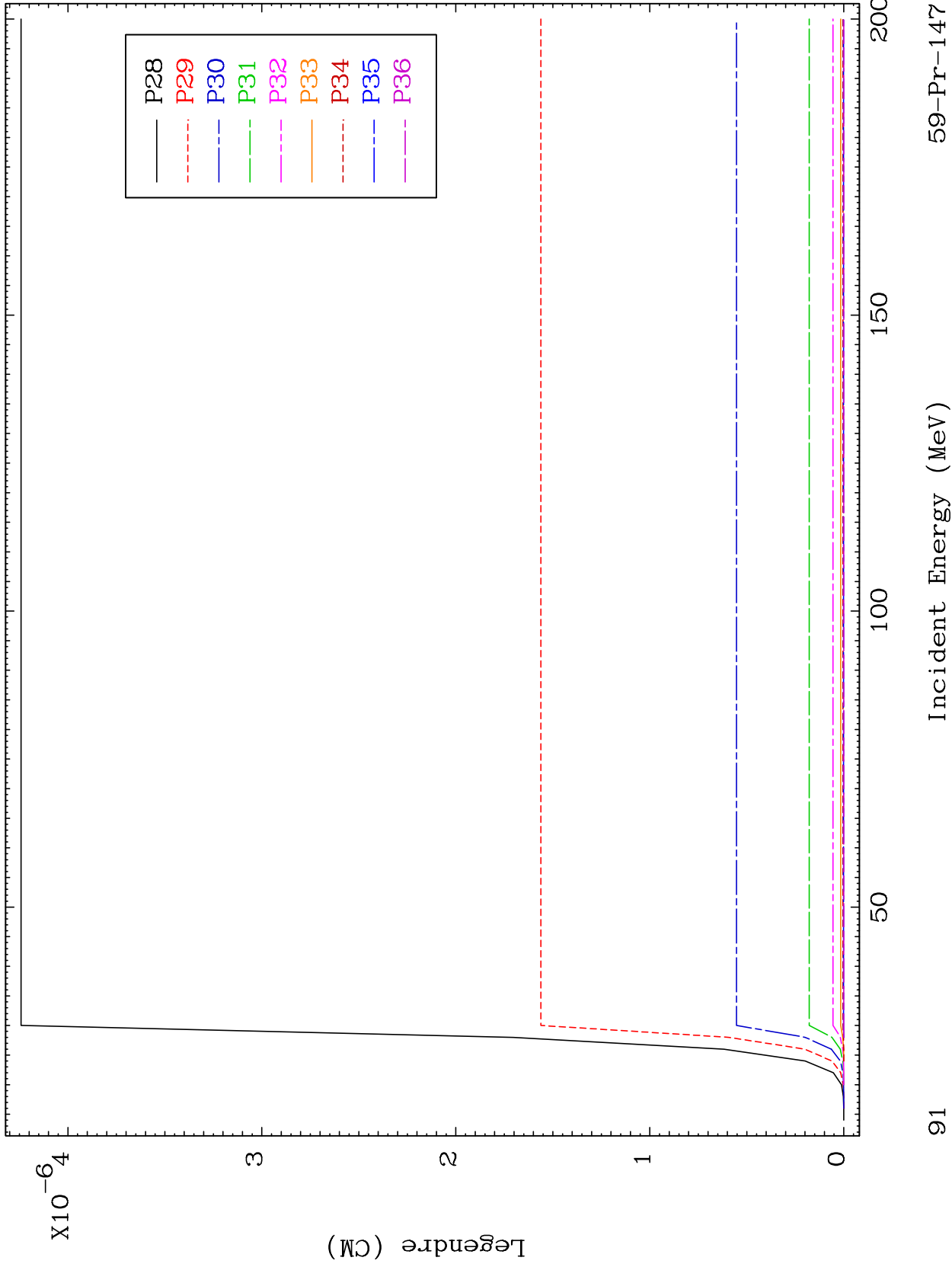
Incident Energy (MeV)

90

MAT 5943

931.6 keV (n,n') Level  
Legendre Coefficients

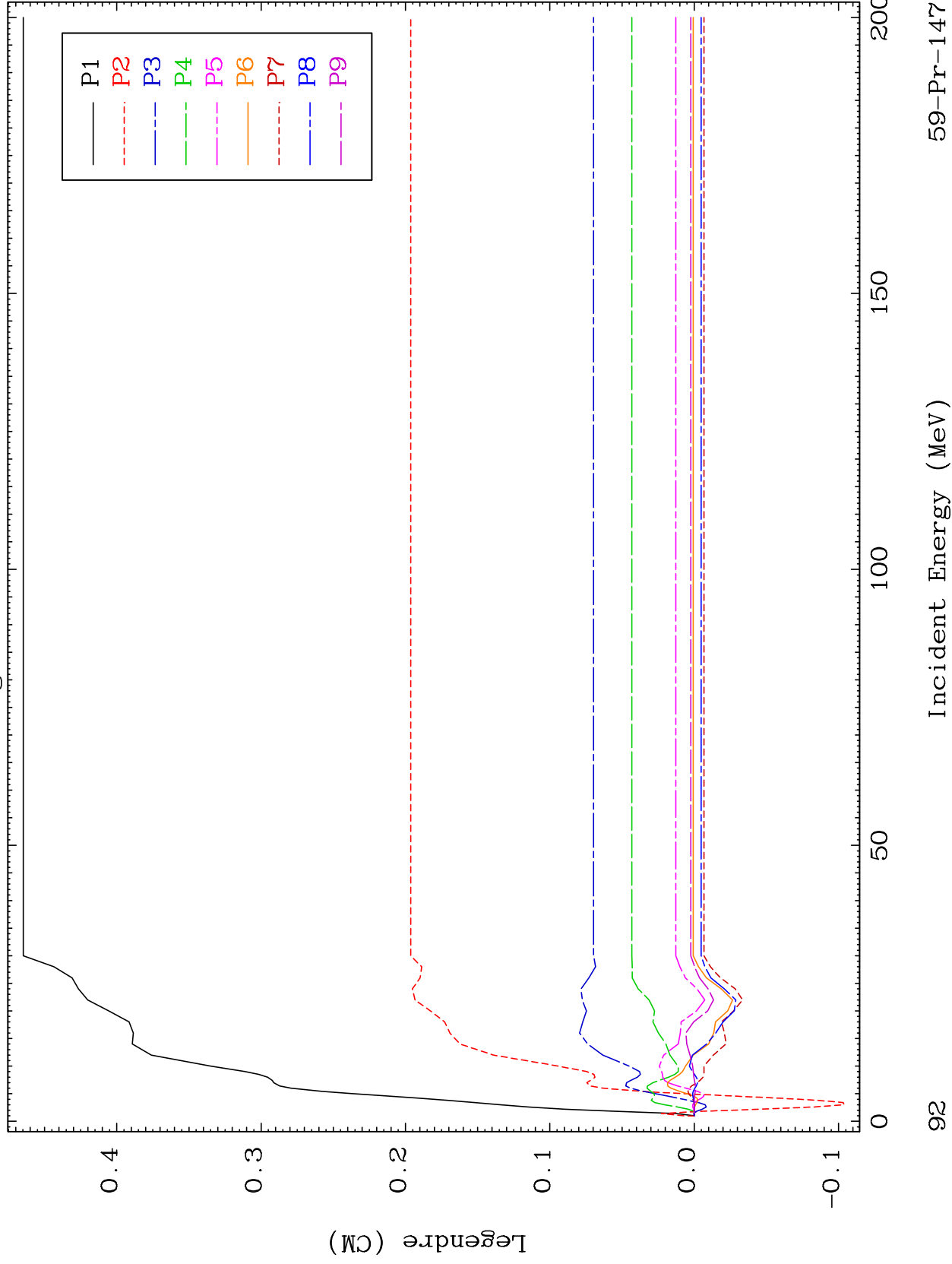
59-Pr-147



MAT 5943

951.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

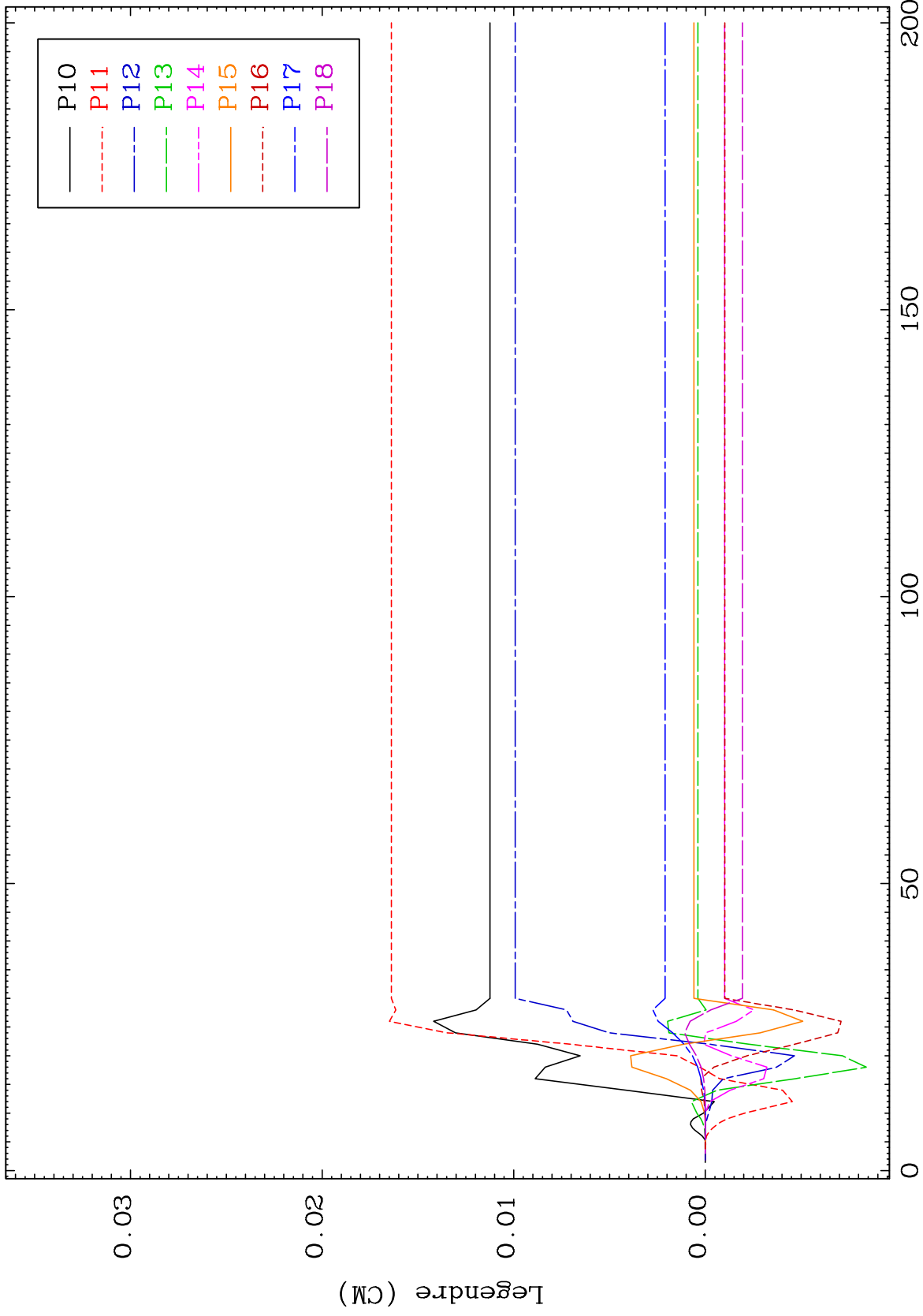
Incident Energy (MeV)

92

MAT 5943

951.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



93

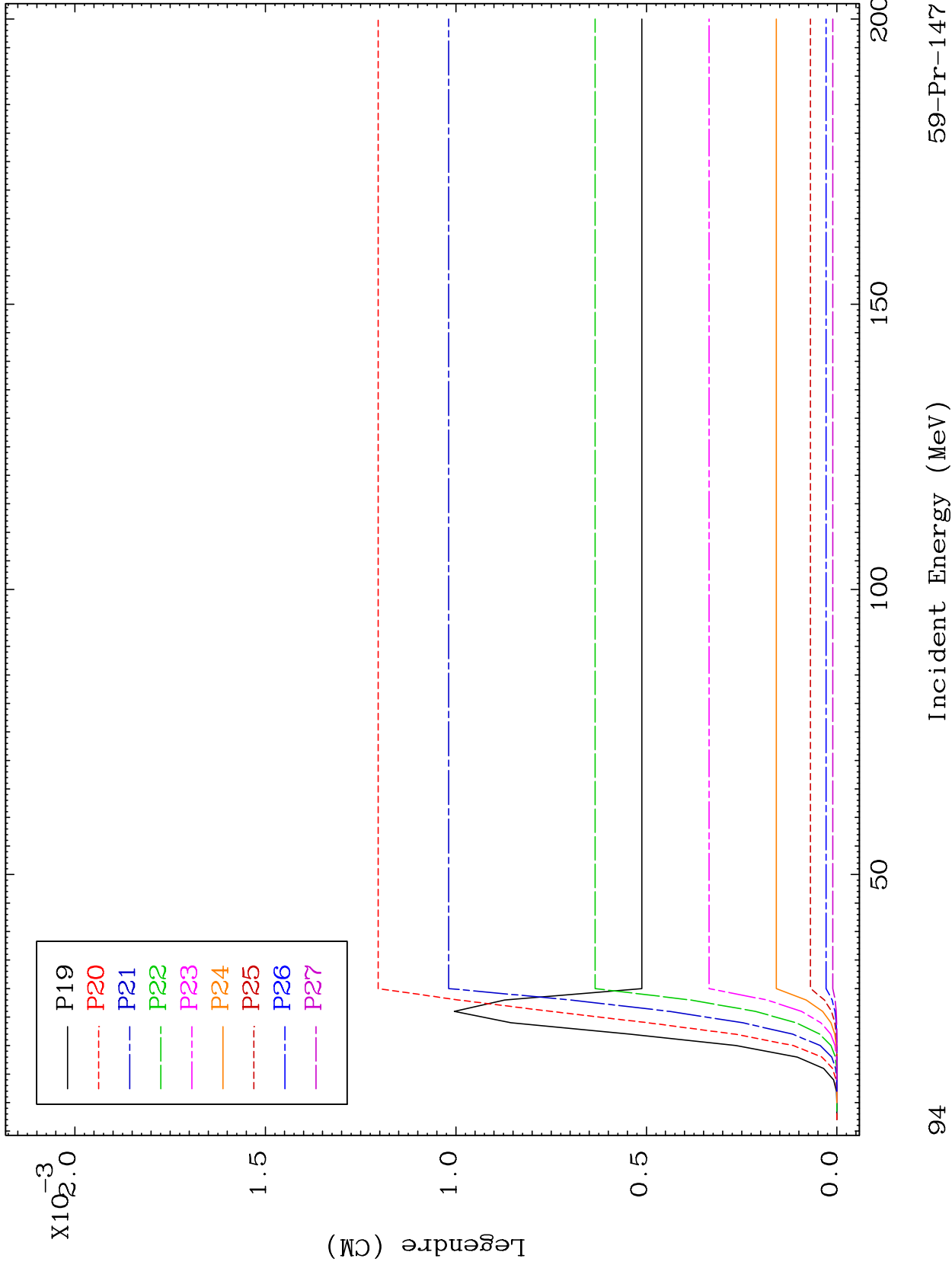
Incident Energy (MeV)

59-Pr-147

MAT 5943

951.6 keV (n,n') Level  
Legendre Coefficients

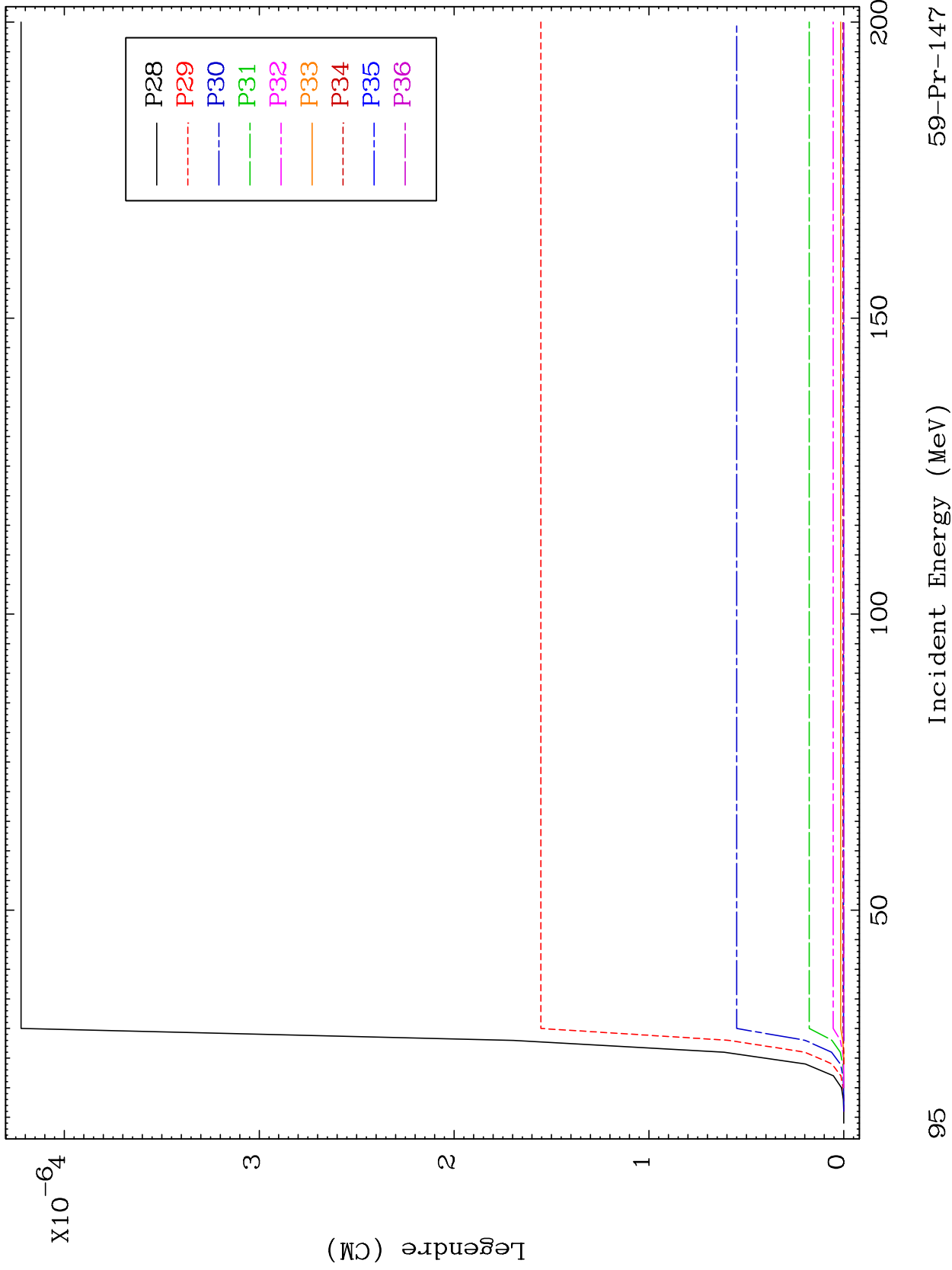
59-Pr-147



MAT 5943

951.6 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



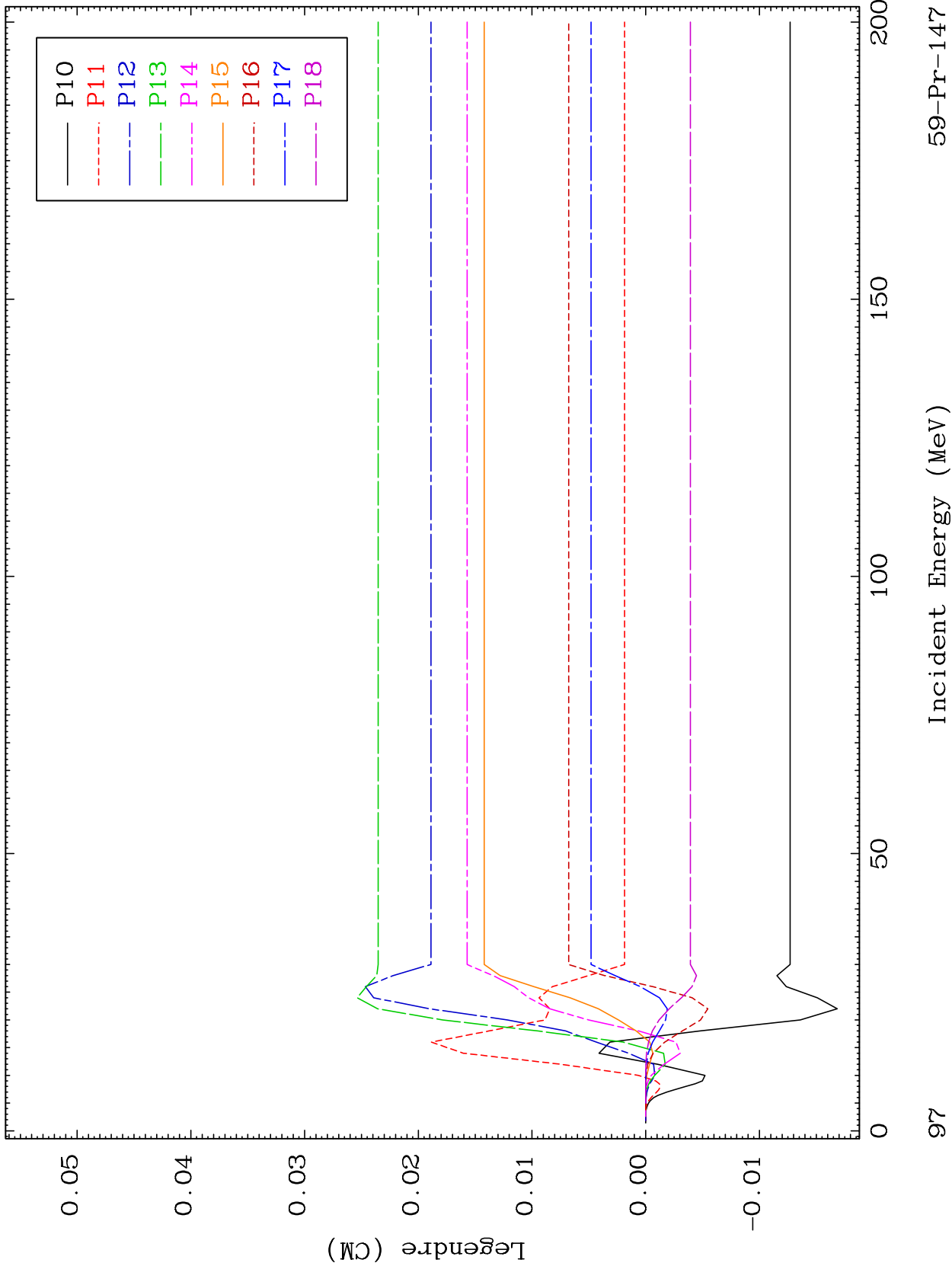




MAT 5943

961.1 keV (n,n') Level  
Legendre Coefficients

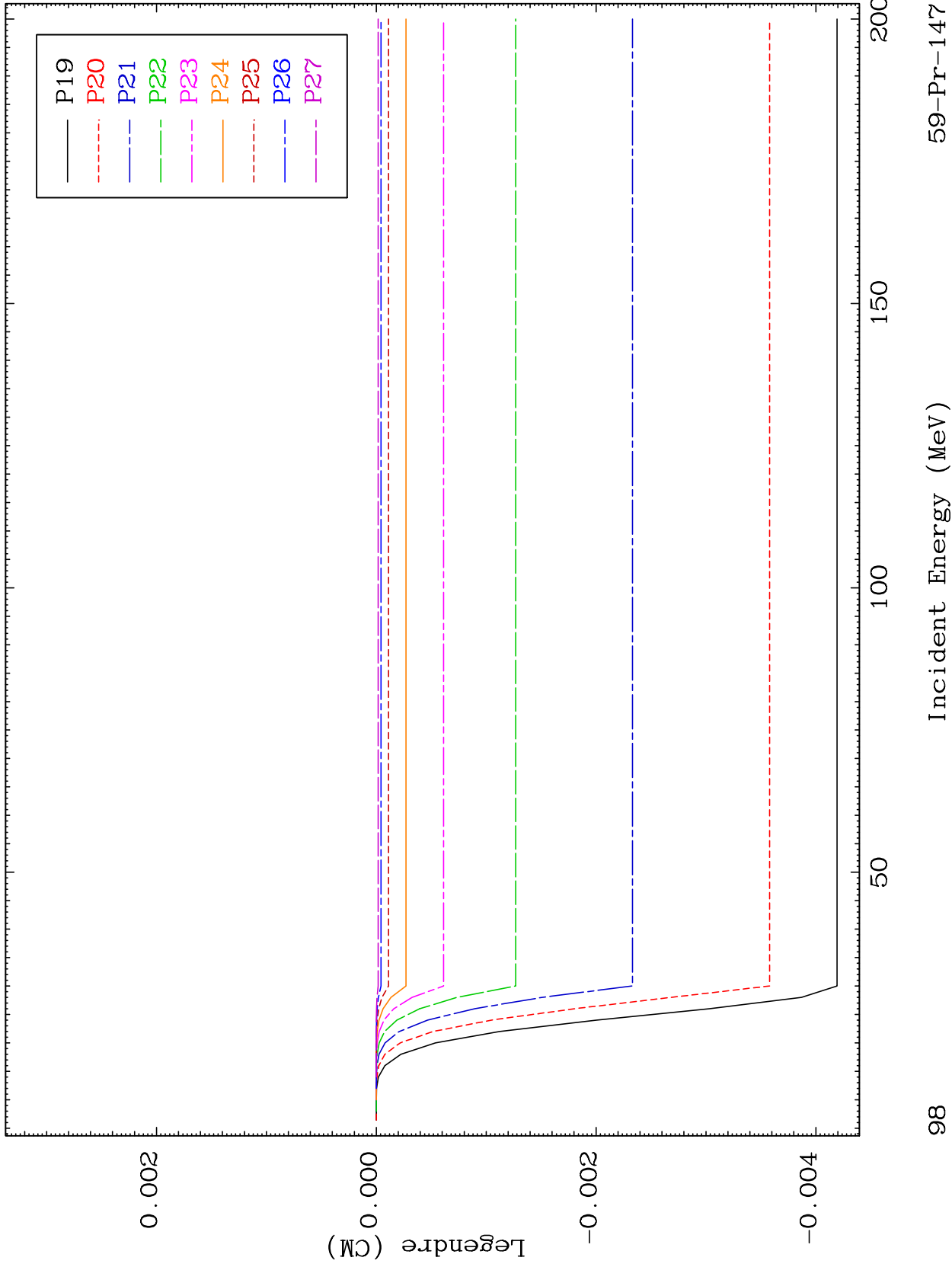
59-Pr-147



97

Incident Energy (MeV)

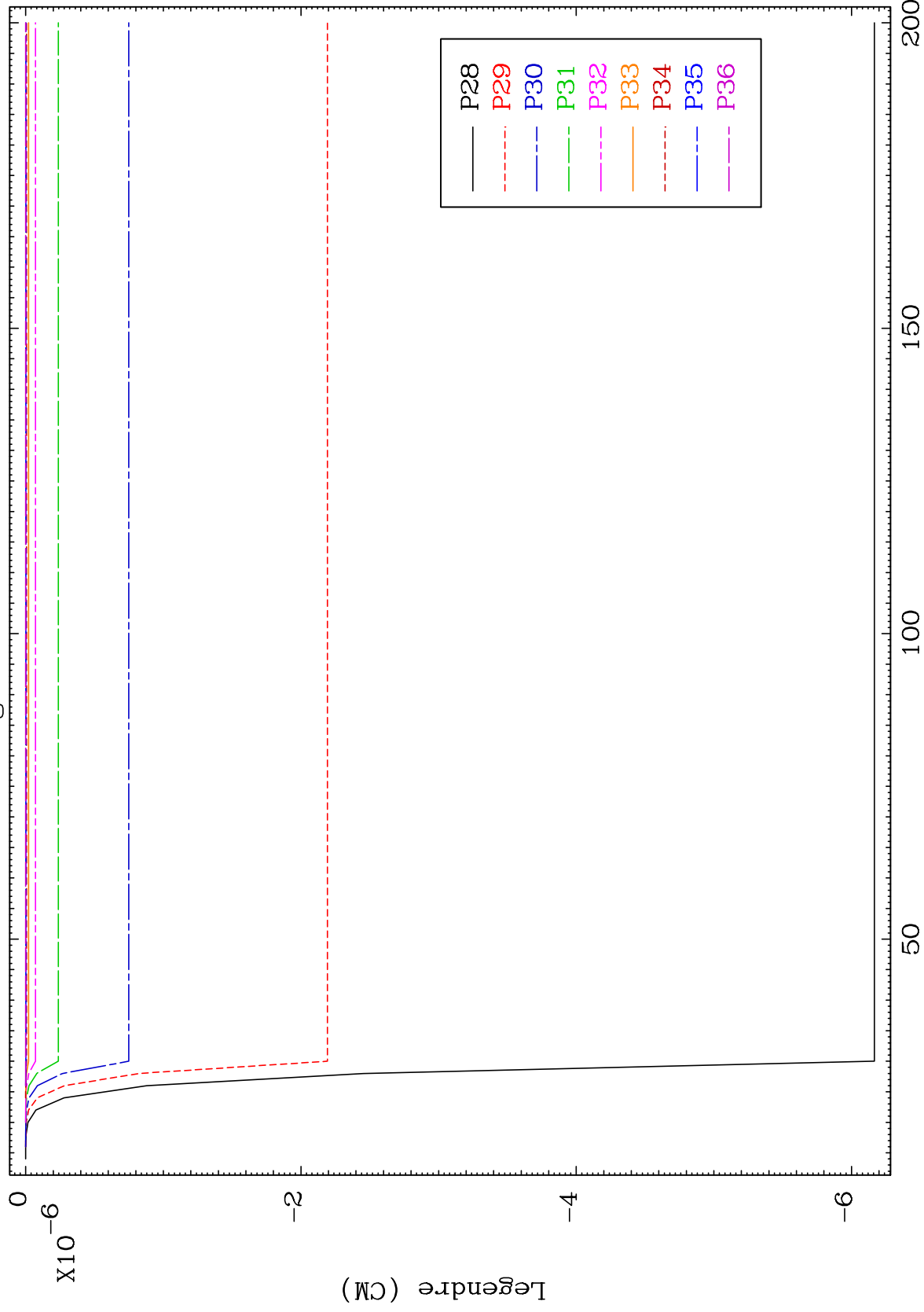
59-Pr-147



MAT 5943

961.1 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



99

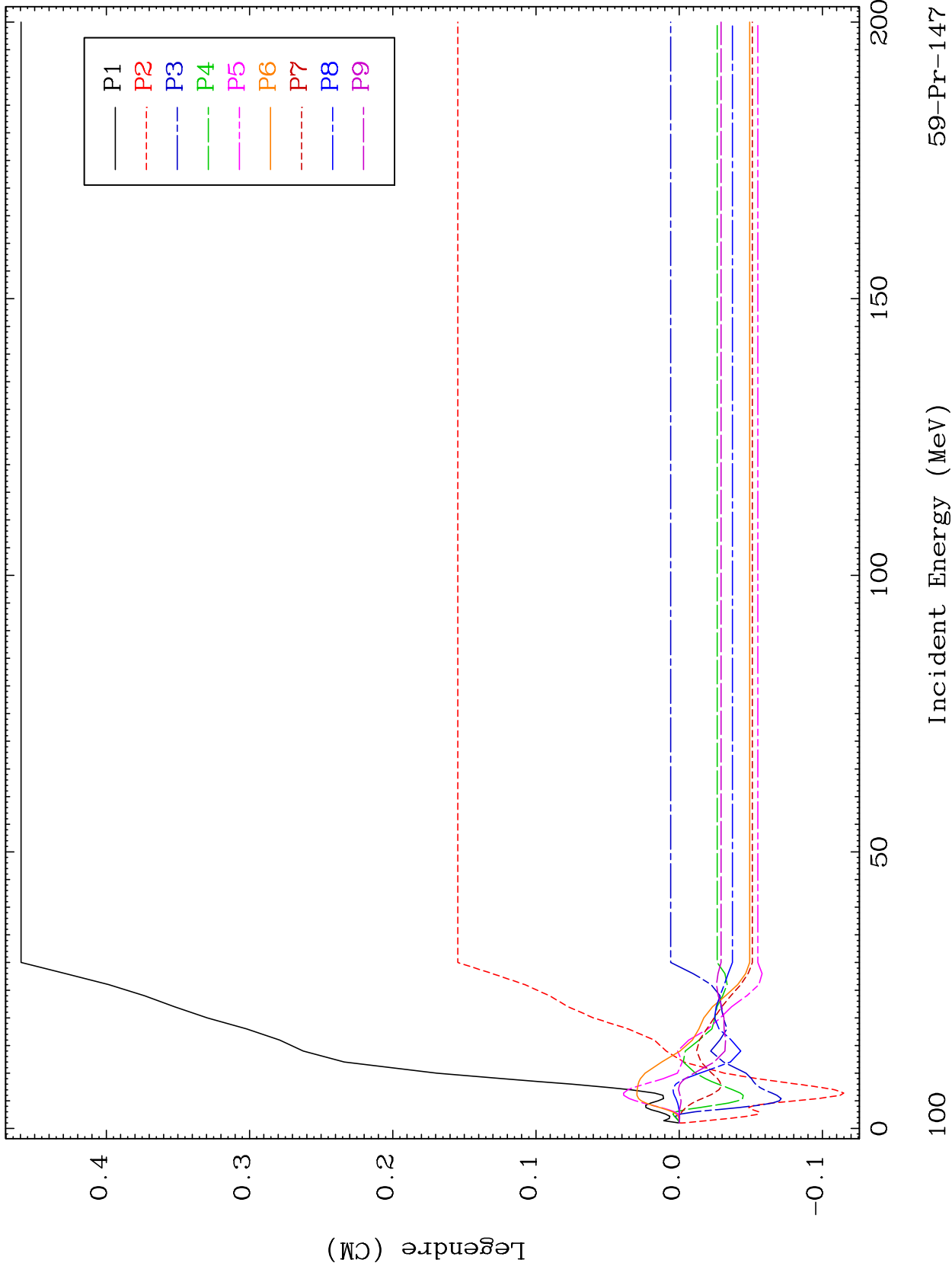
Incident Energy (MeV)

59-Pr-147

MAT 5943

978.1 keV (n,n') Level  
Legendre Coefficients

59-Pr-147

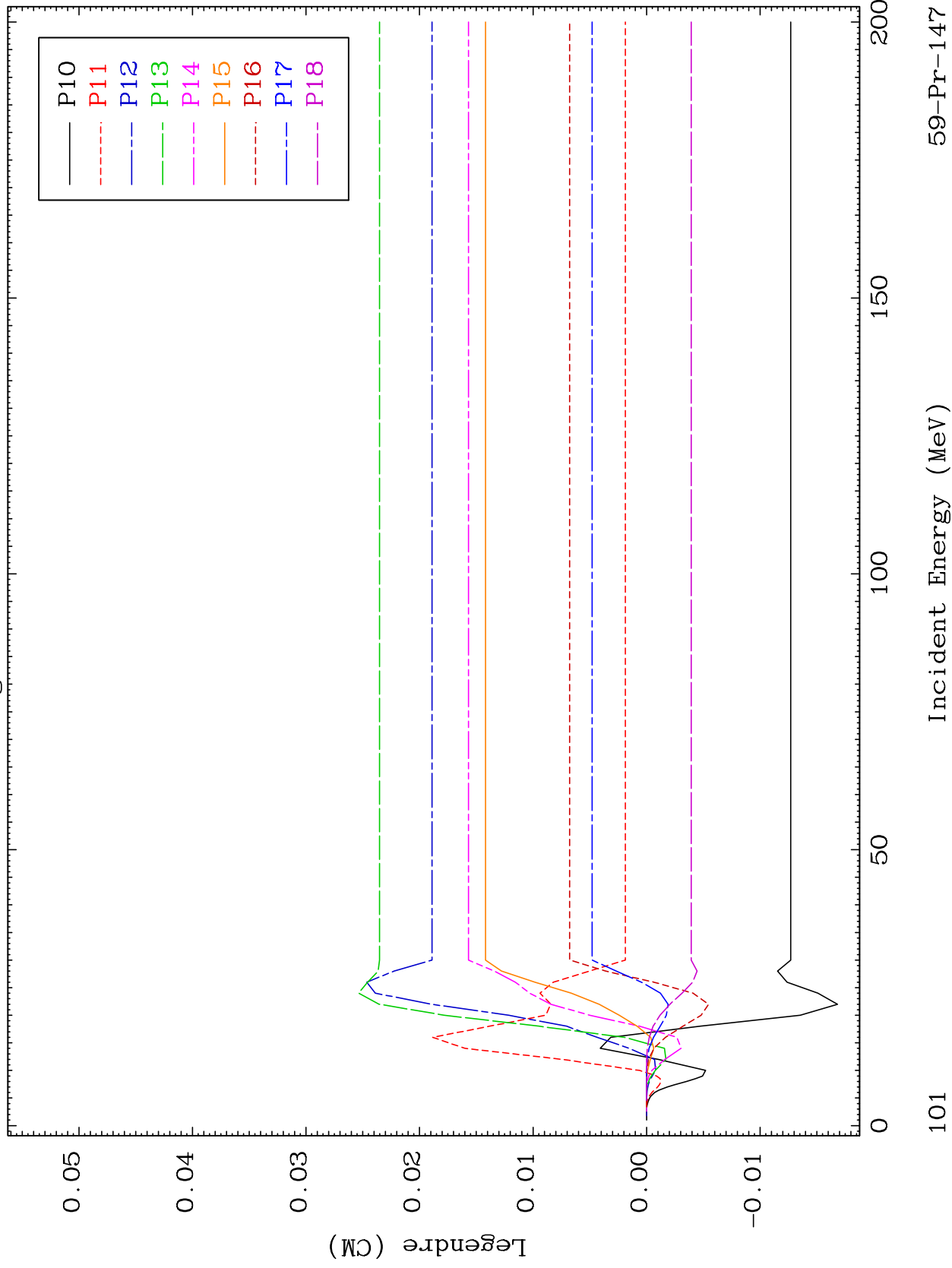


59-Pr-147

MAT 5943

978.1 keV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

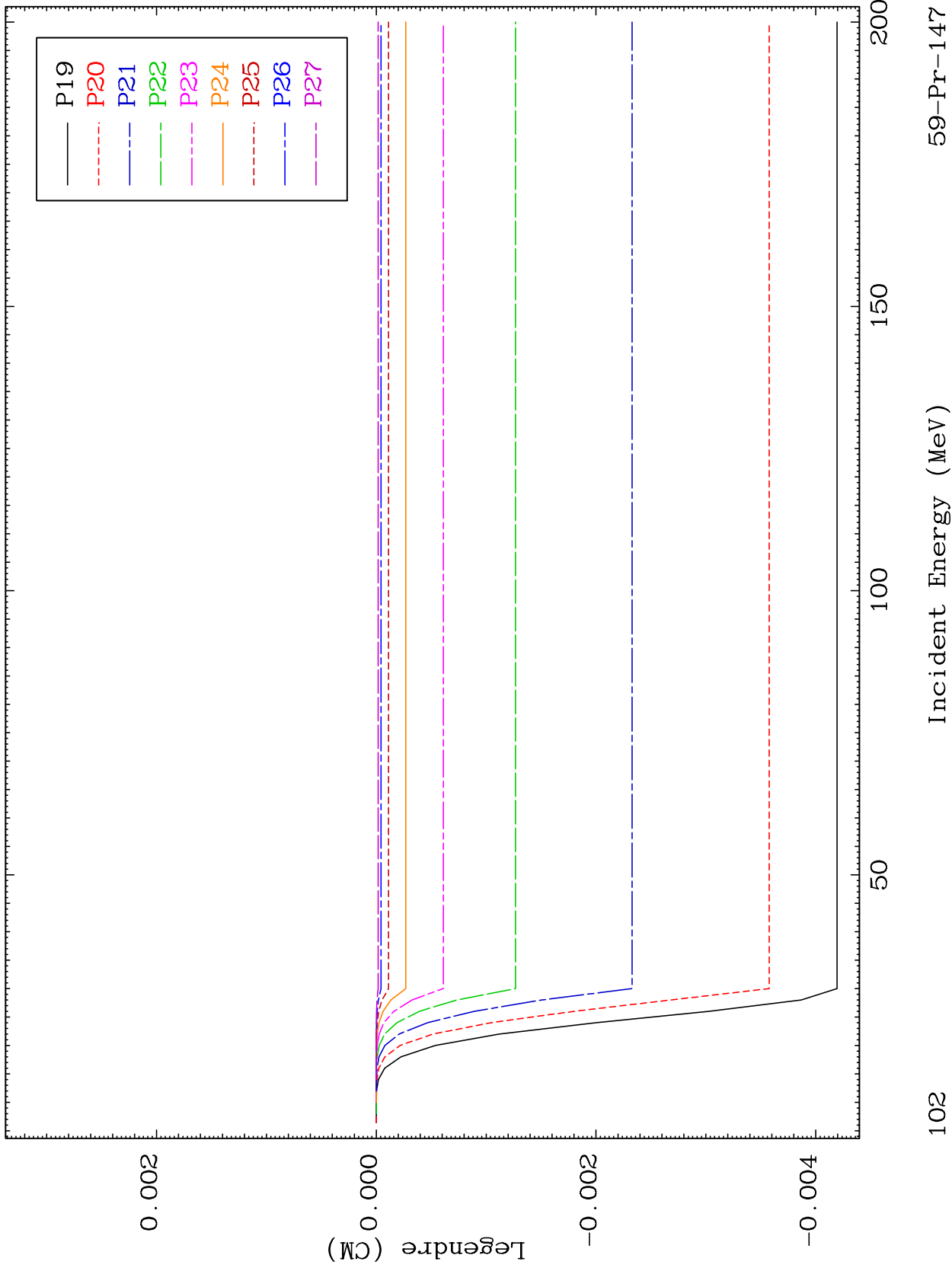
Incident Energy (MeV)

101

MAT 5943

978.1 keV (n,n') Level  
Legendre Coefficients

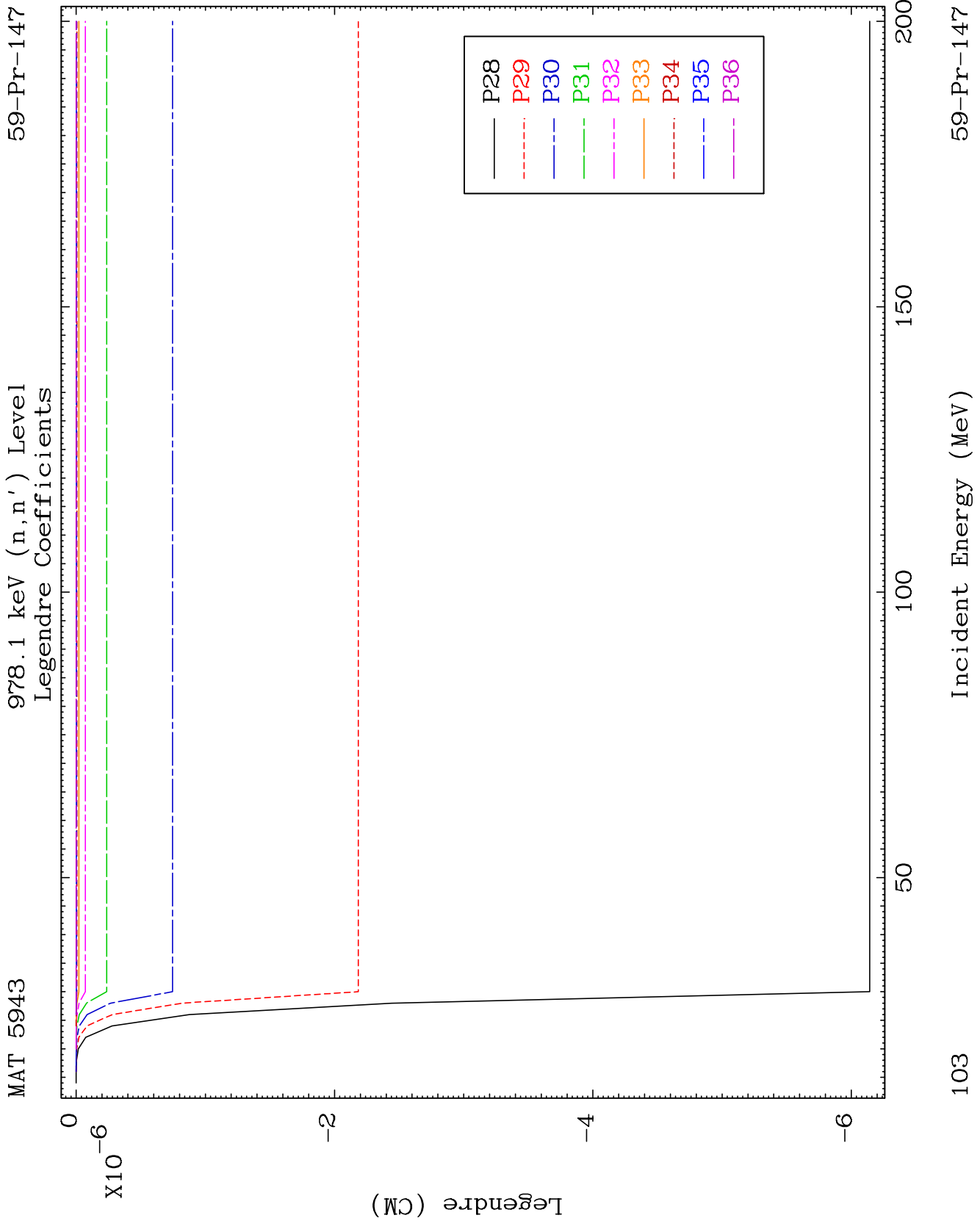
59-Pr-147



102

Incident Energy (MeV)

59-Pr-147

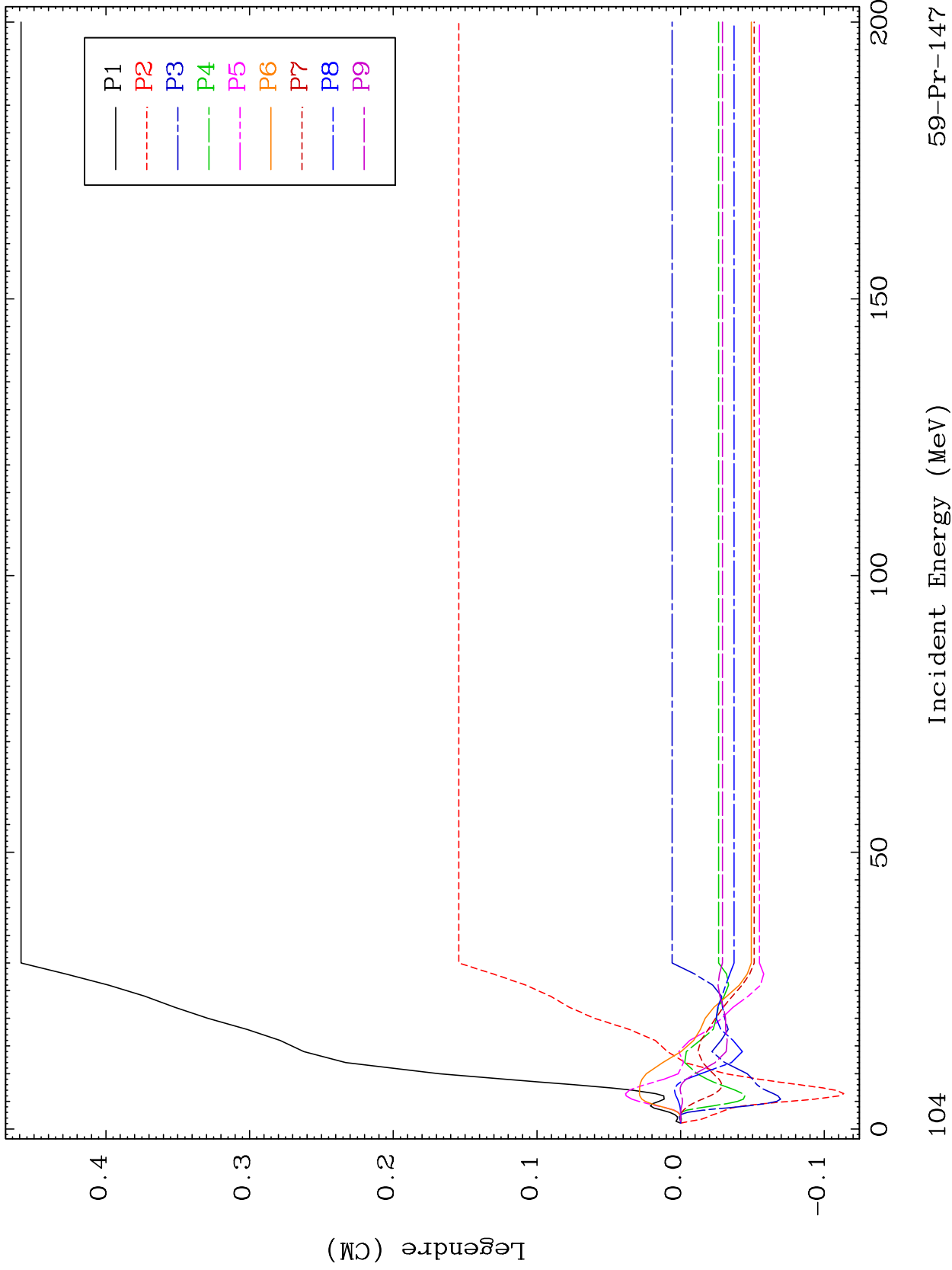




MAT 5943

1.046 MeV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

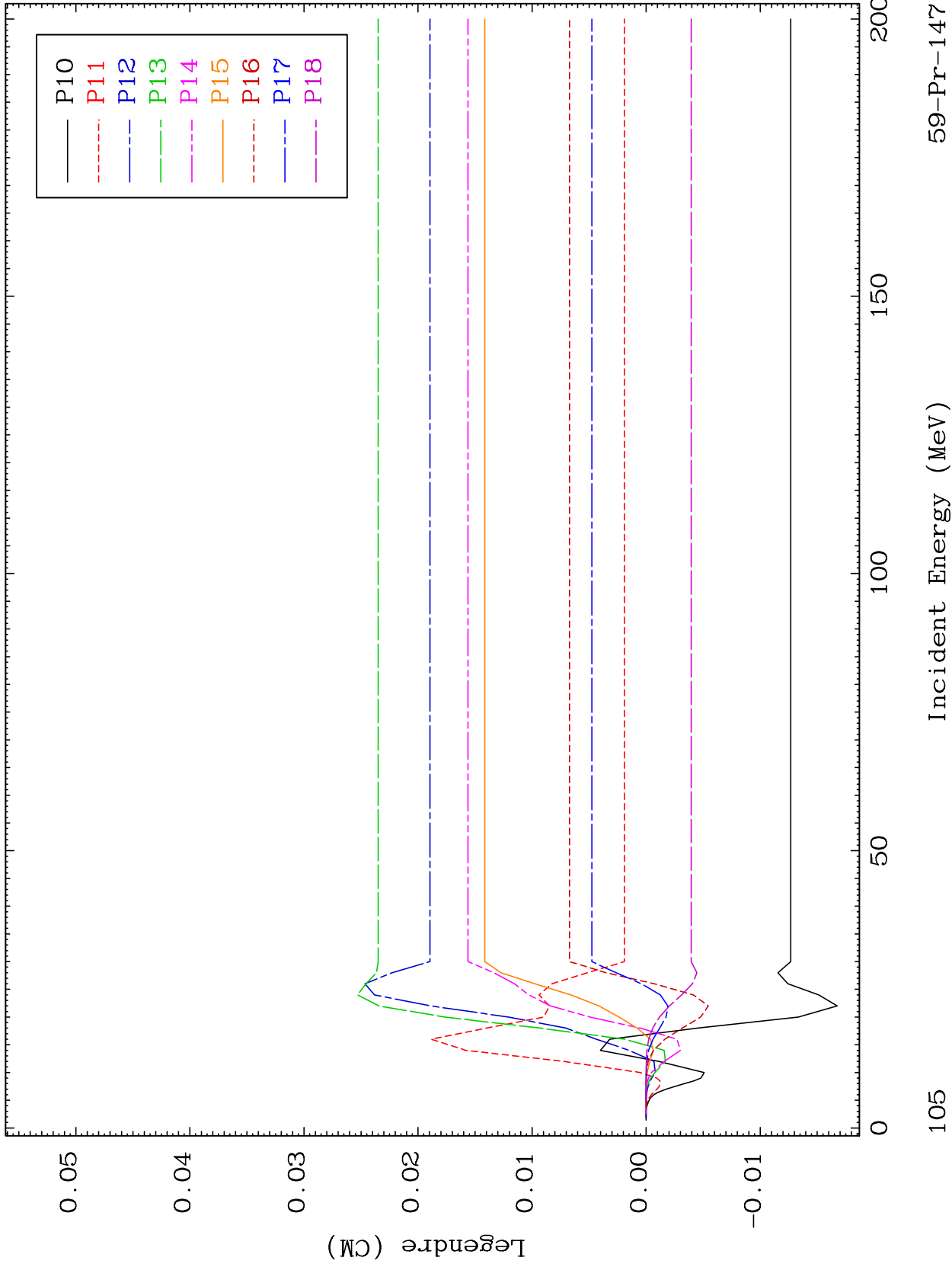
Incident Energy (MeV)

104

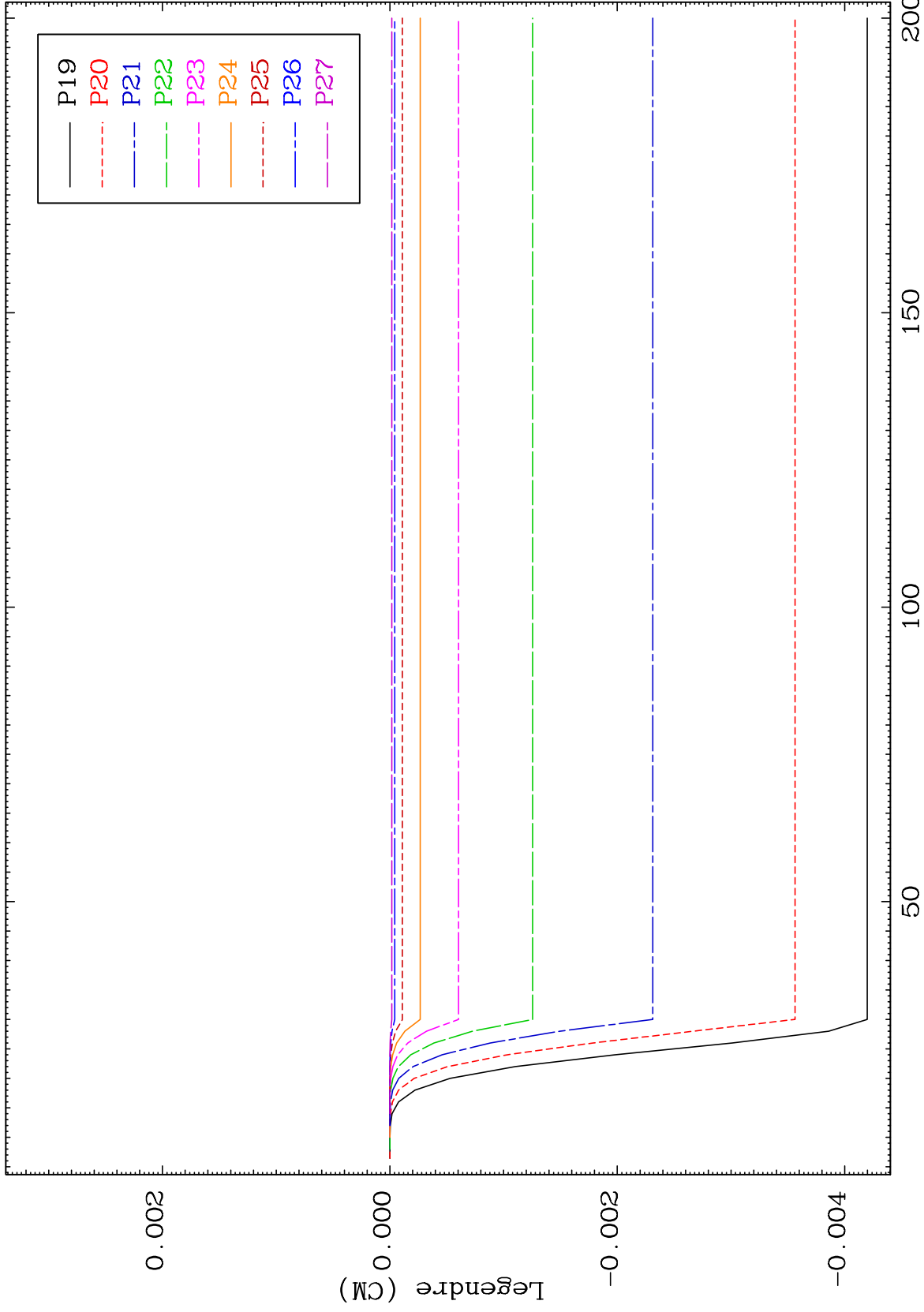
MAT 5943

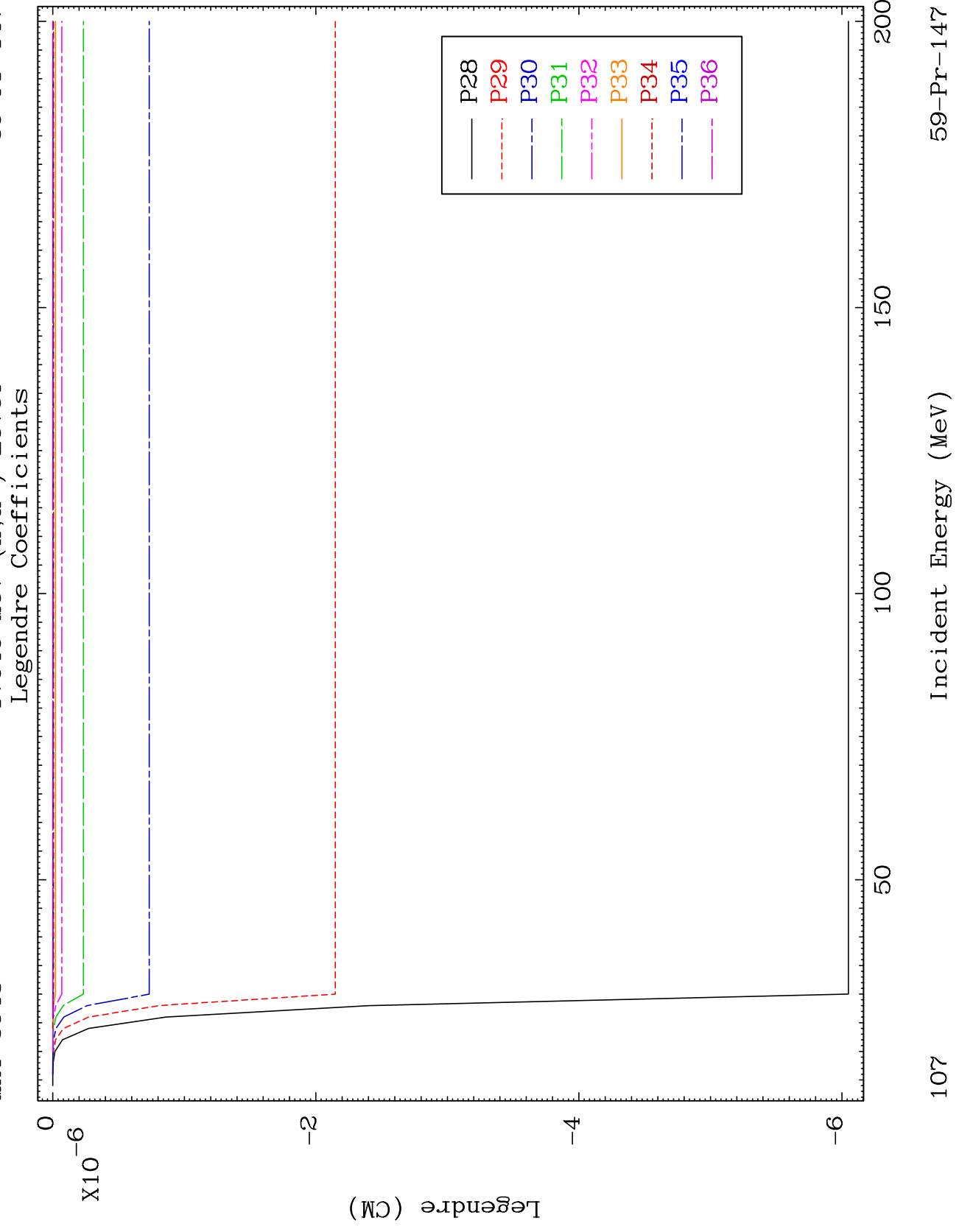
1.046 MeV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

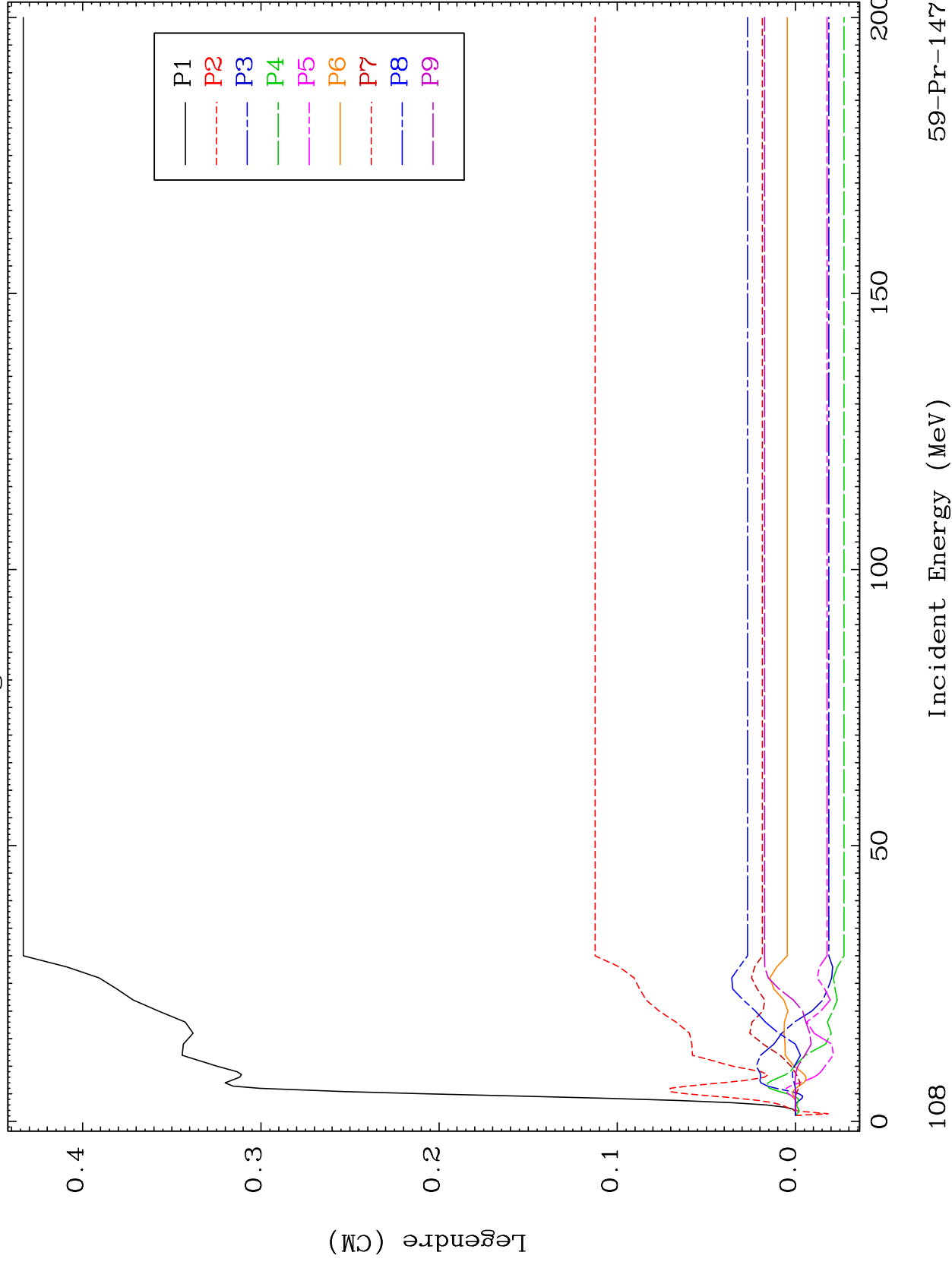




MAT 5943

1.059 MeV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

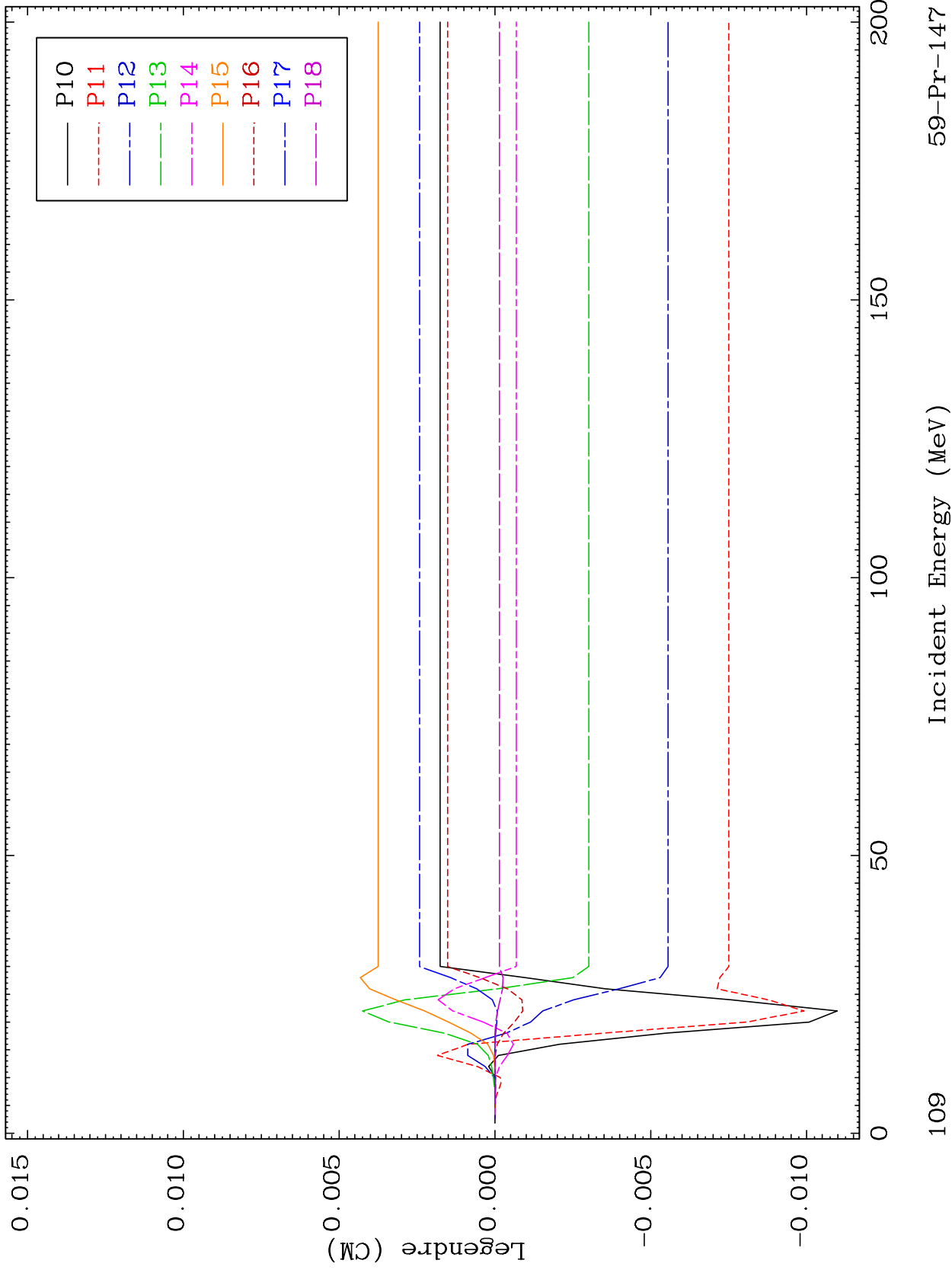
Incident Energy (MeV)

108

MAT 5943

1.059 MeV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

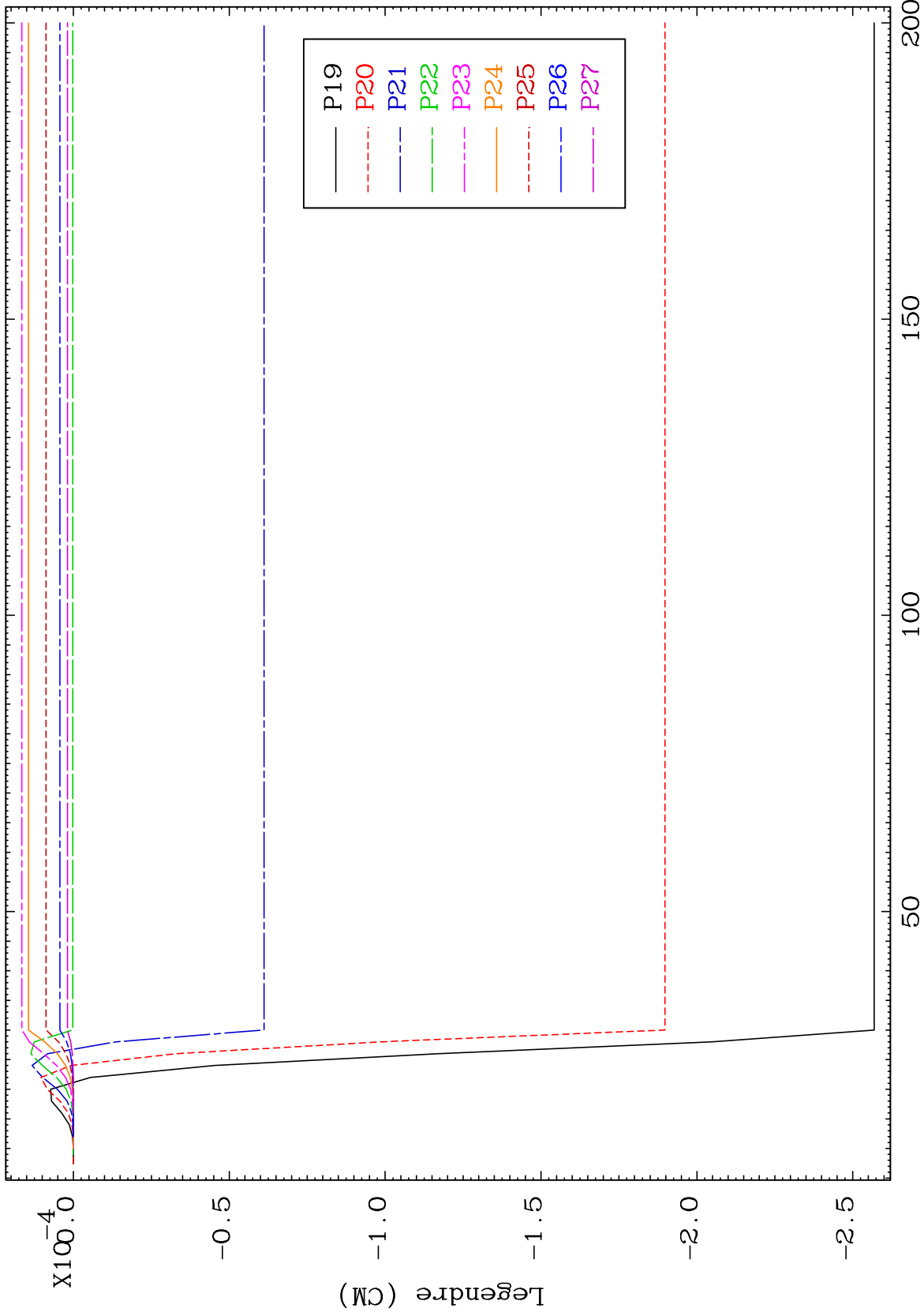
Incident Energy (MeV)

109

MAT 5943

1.059 MeV (n,n') Level  
Legendre Coefficients

59-Pr-147



110

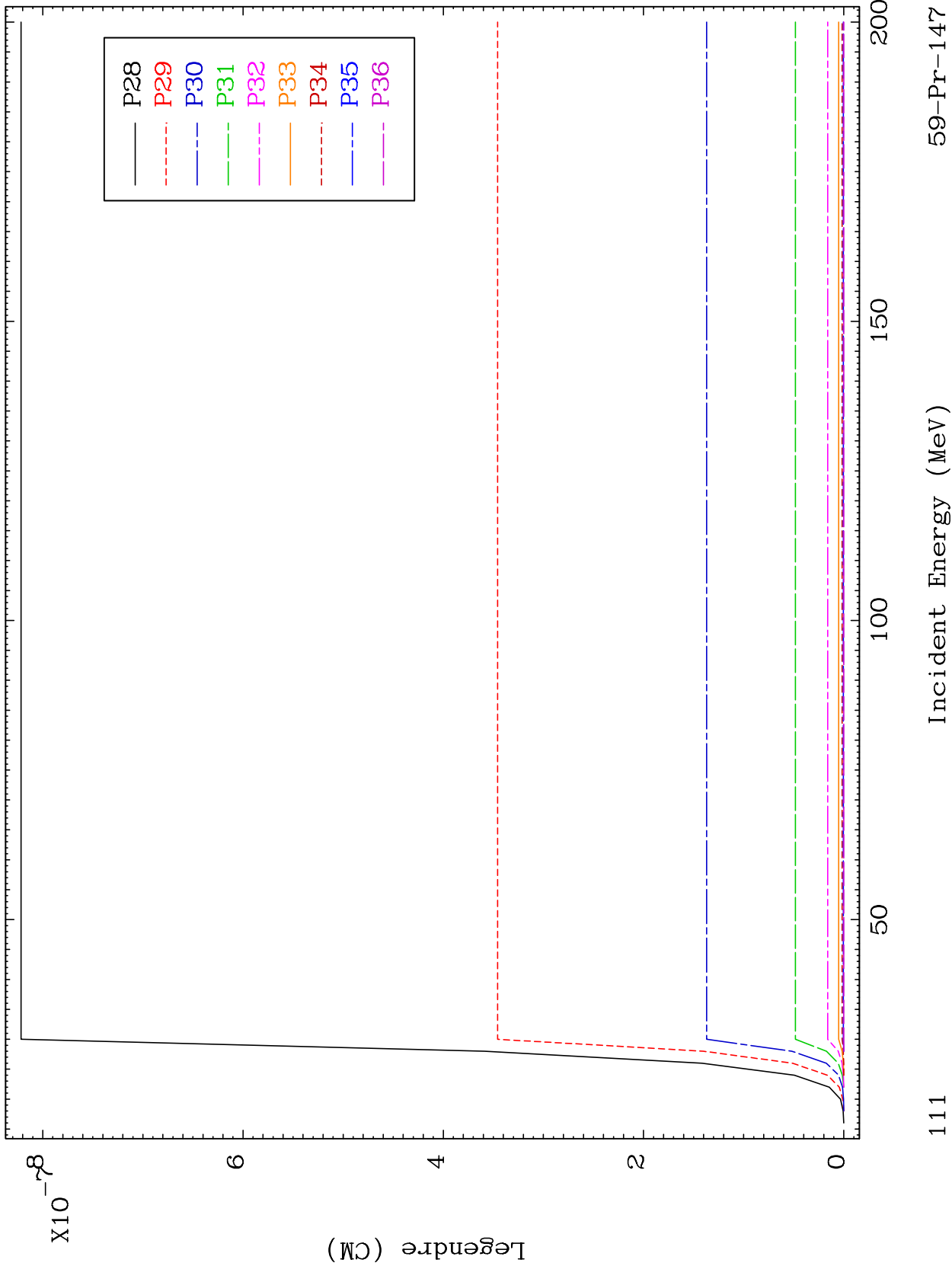
Incident Energy (MeV)

59-Pr-147

MAT 5943

1.059 MeV (n,n') Level  
Legendre Coefficients

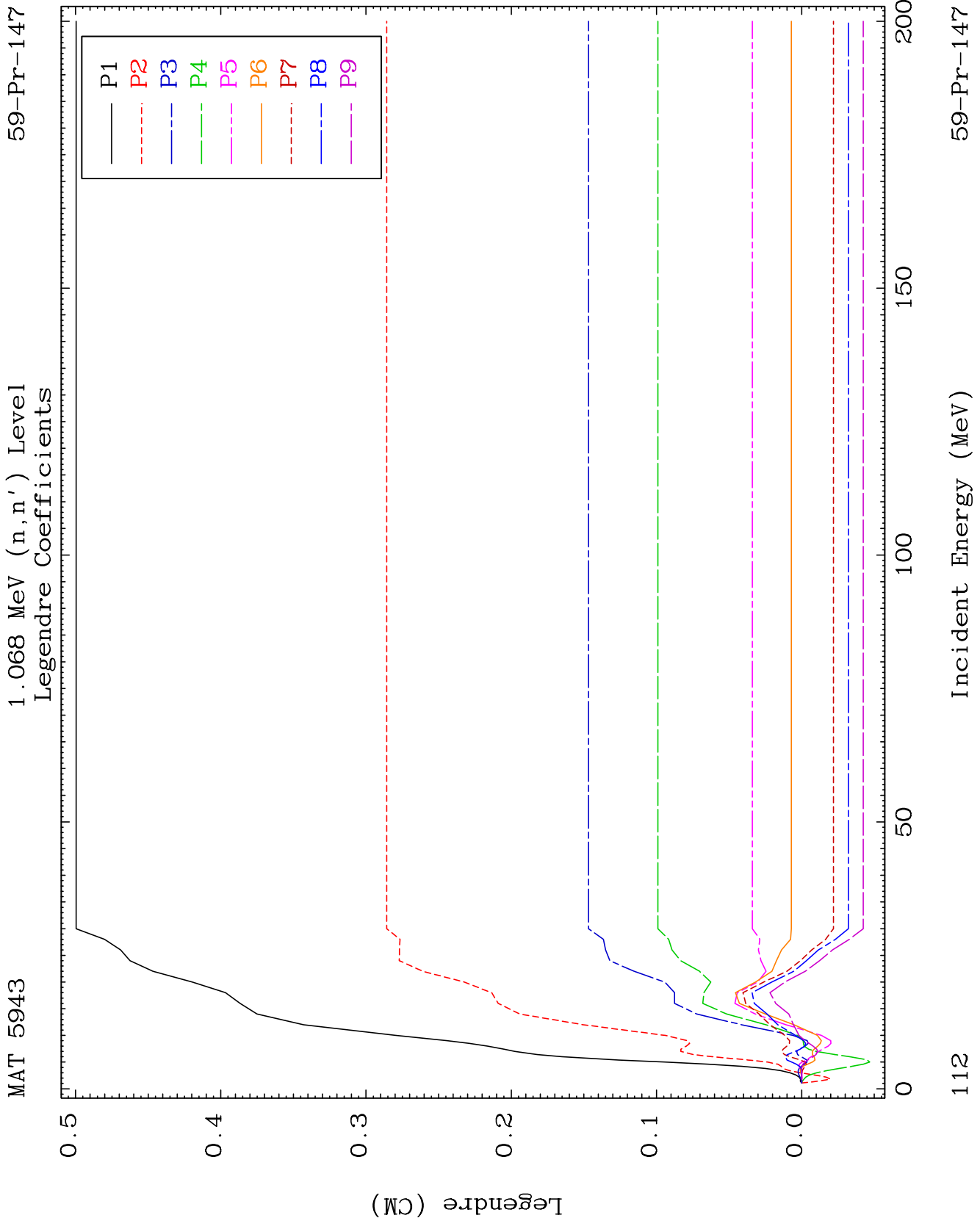
59-Pr-147



111

59-Pr-147

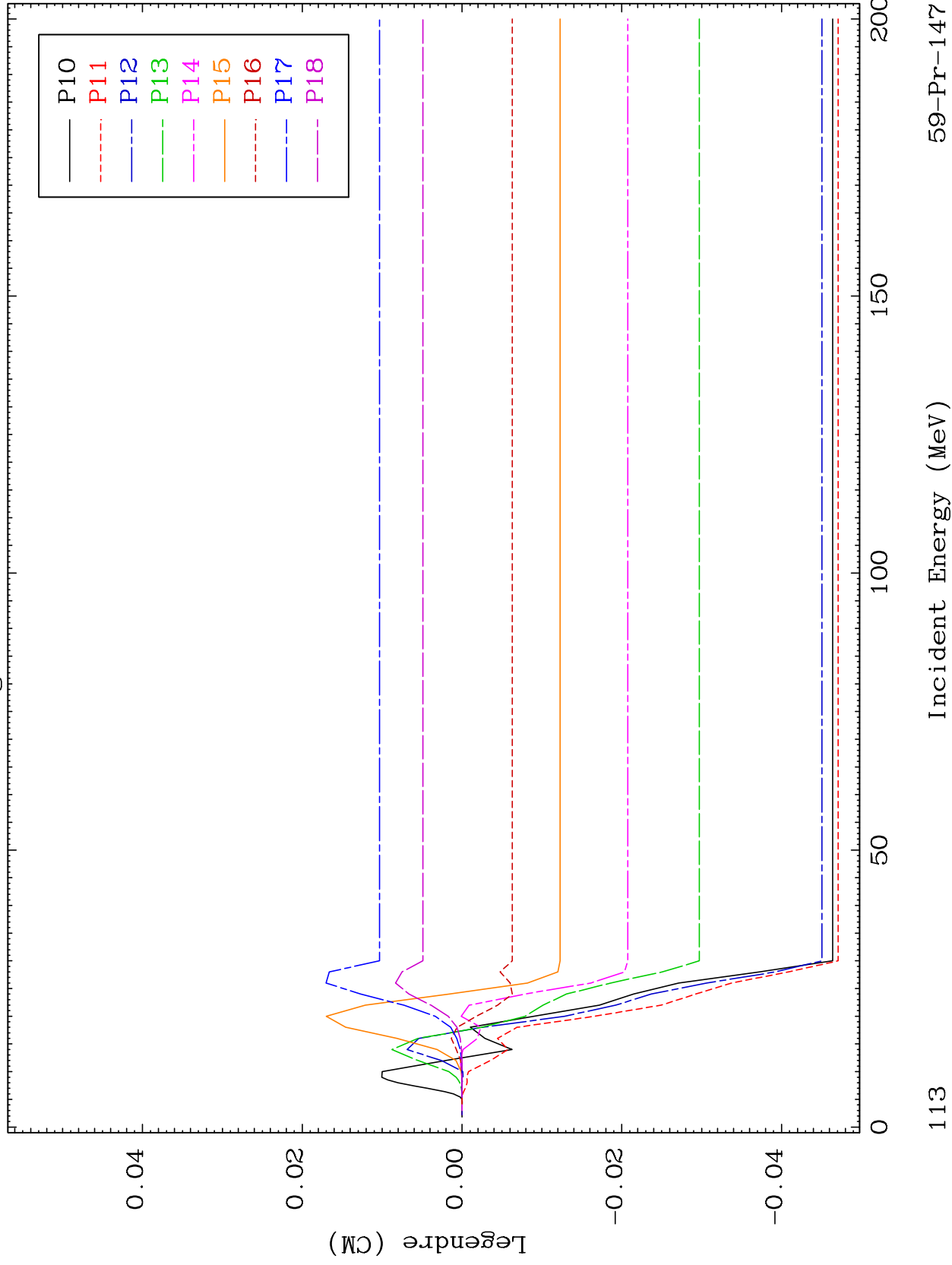




MAT 5943

1.068 MeV (n,n') Level  
Legendre Coefficients

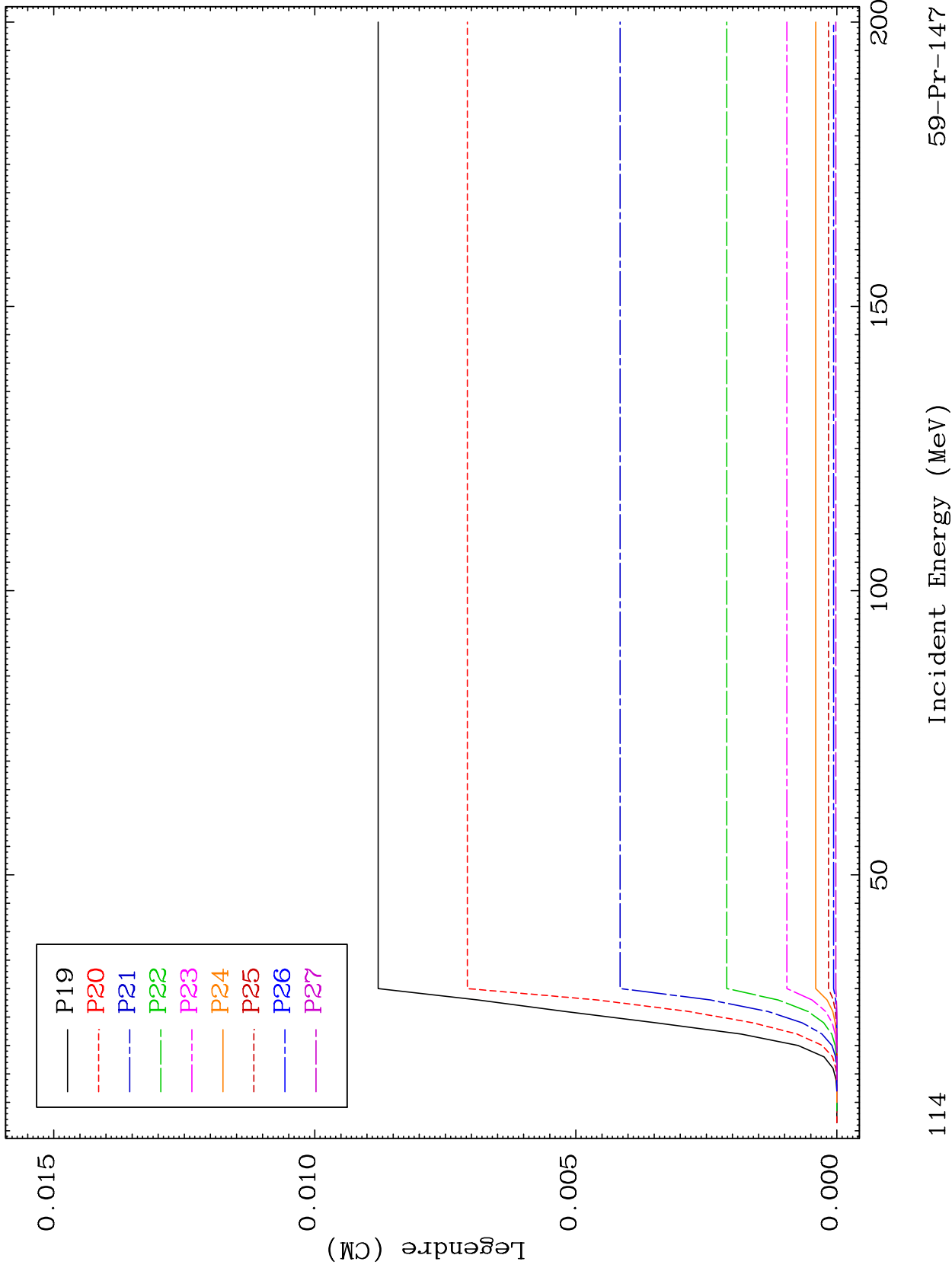
59-Pr-147



59-Pr-147

Incident Energy (MeV)

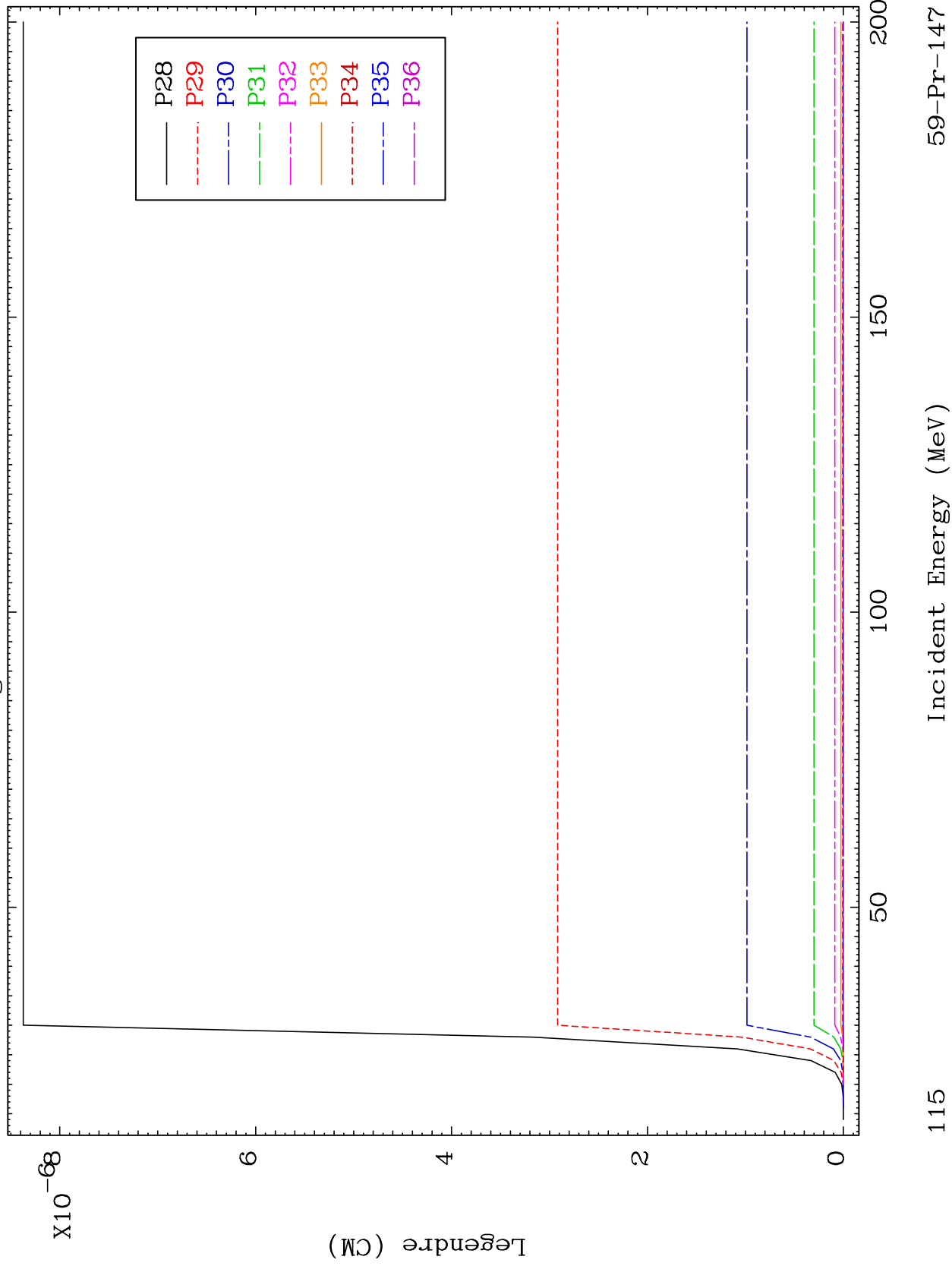
113



MAT 5943

1.068 MeV (n,n') Level  
Legendre Coefficients

59-Pr-147

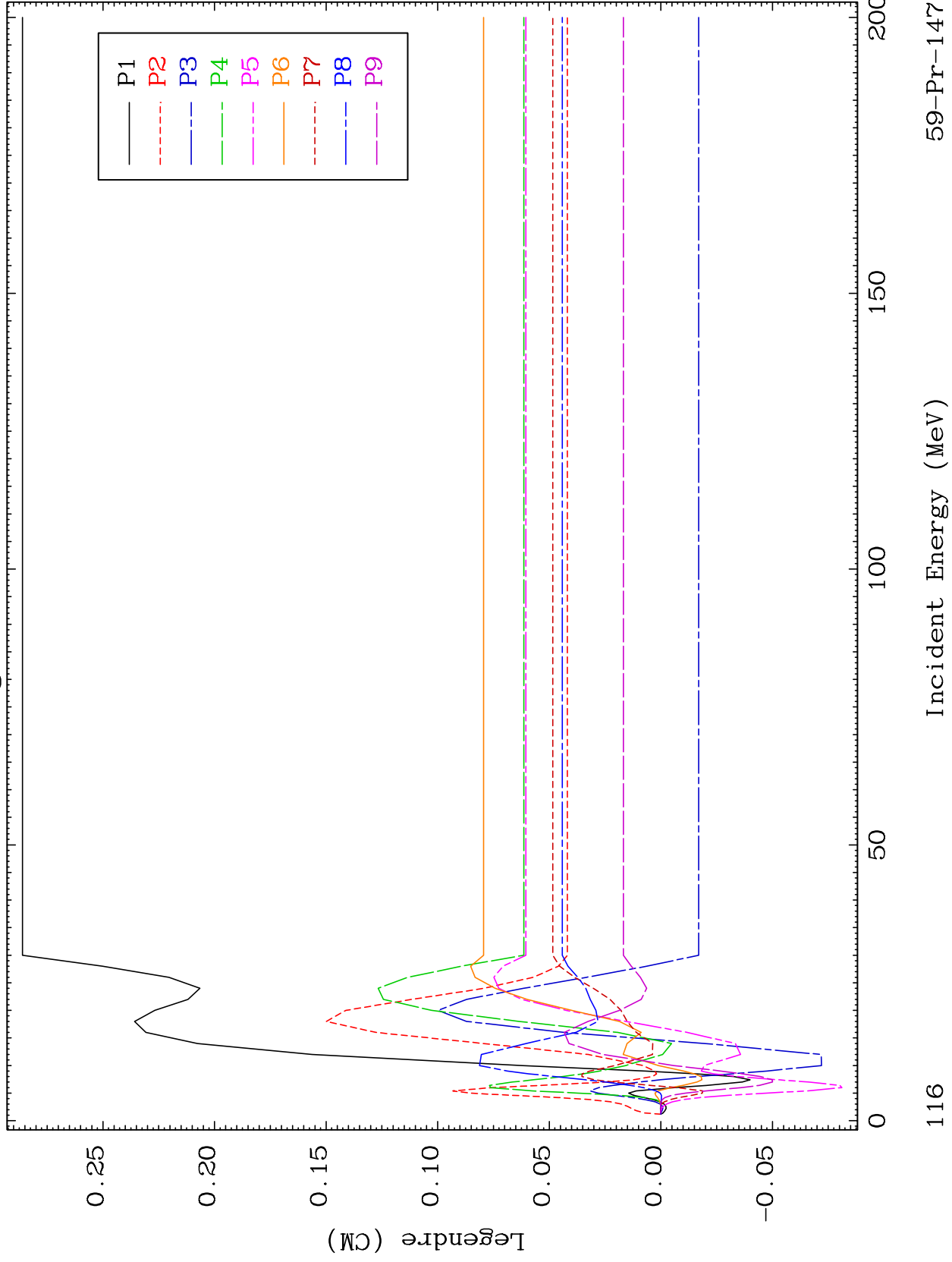


59-Pr-147

MAT 5943

1.160 MeV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

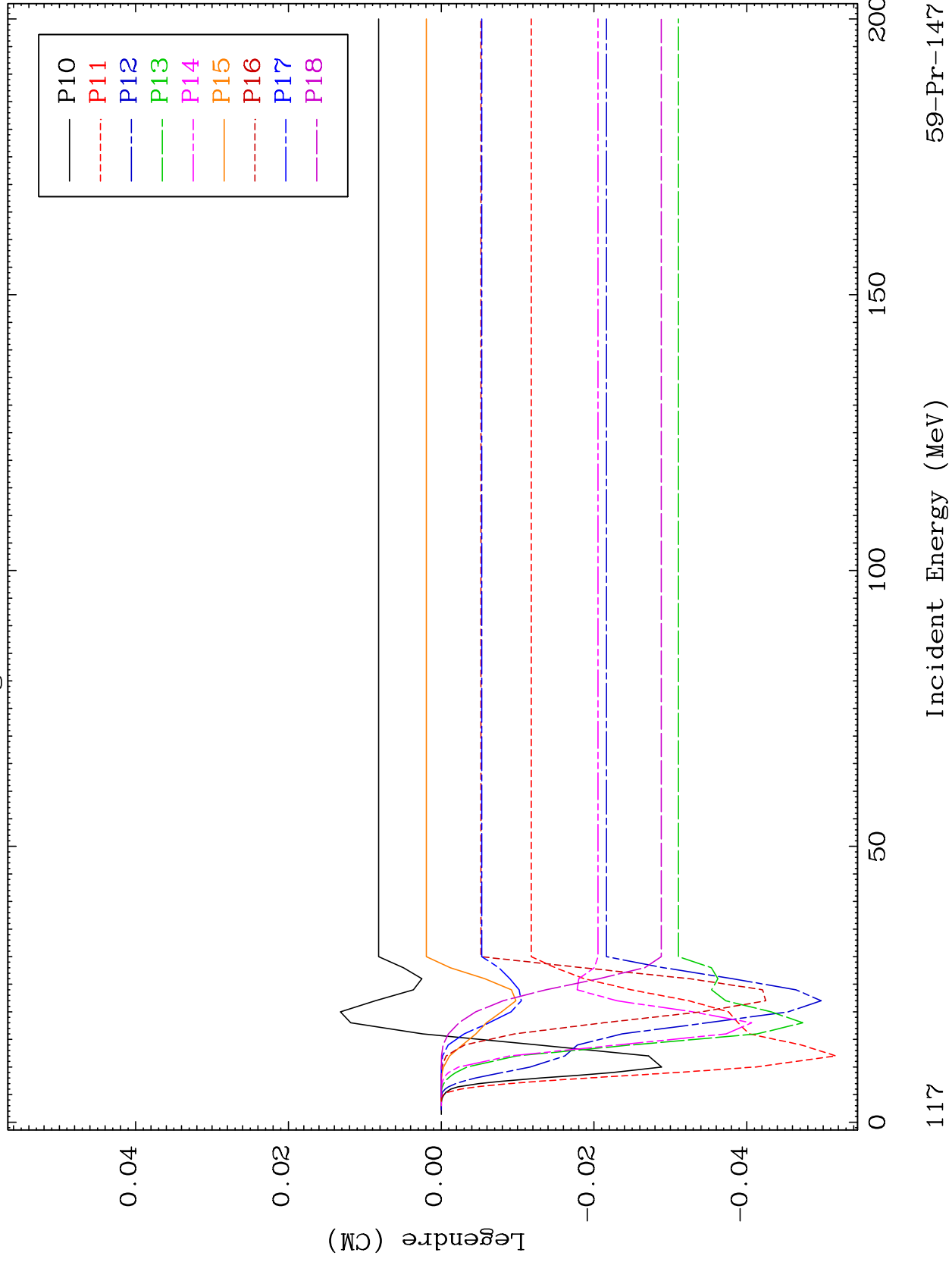
Incident Energy (MeV)

116

MAT 5943

1.160 MeV (n,n') Level  
Legendre Coefficients

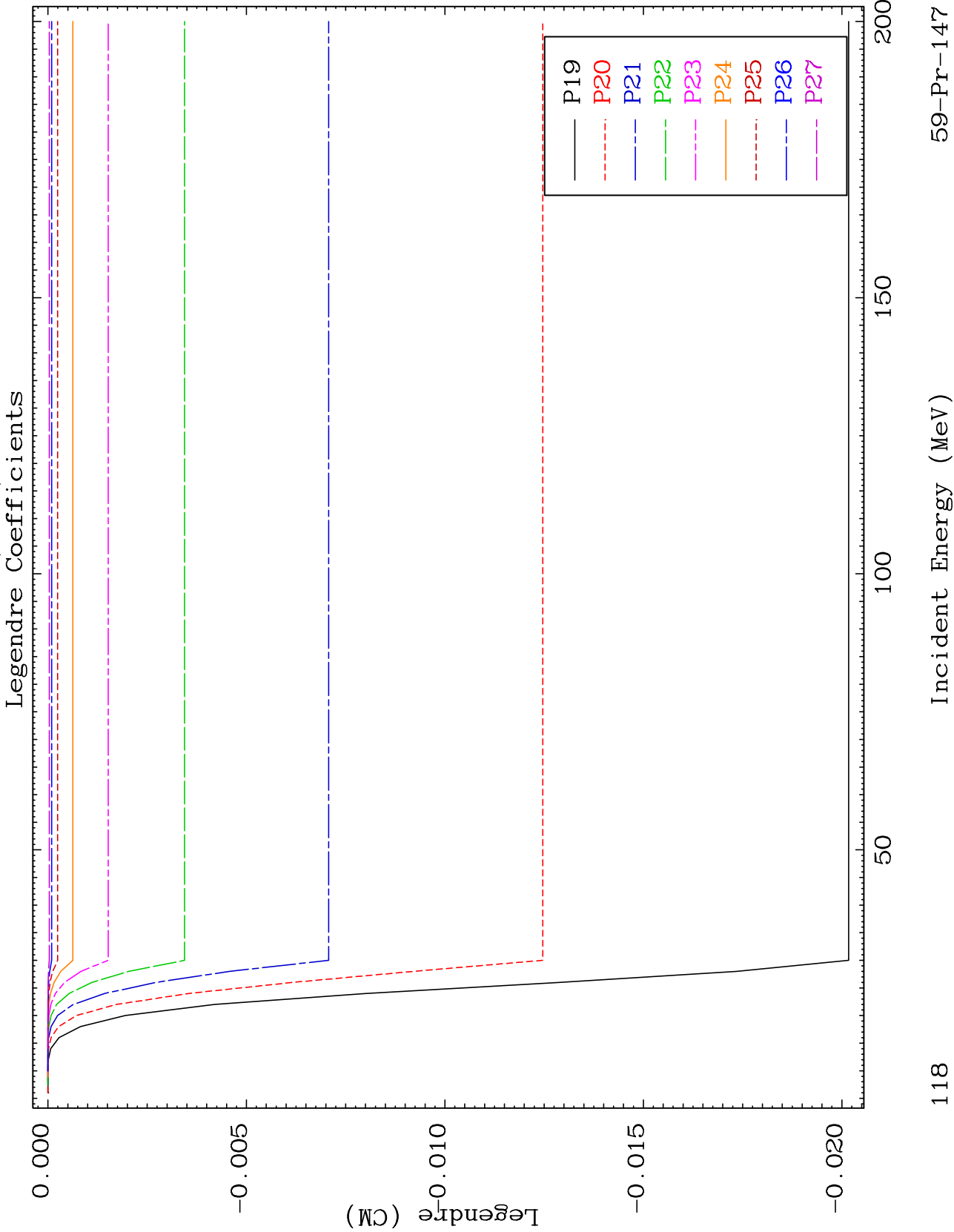
59-Pr-147

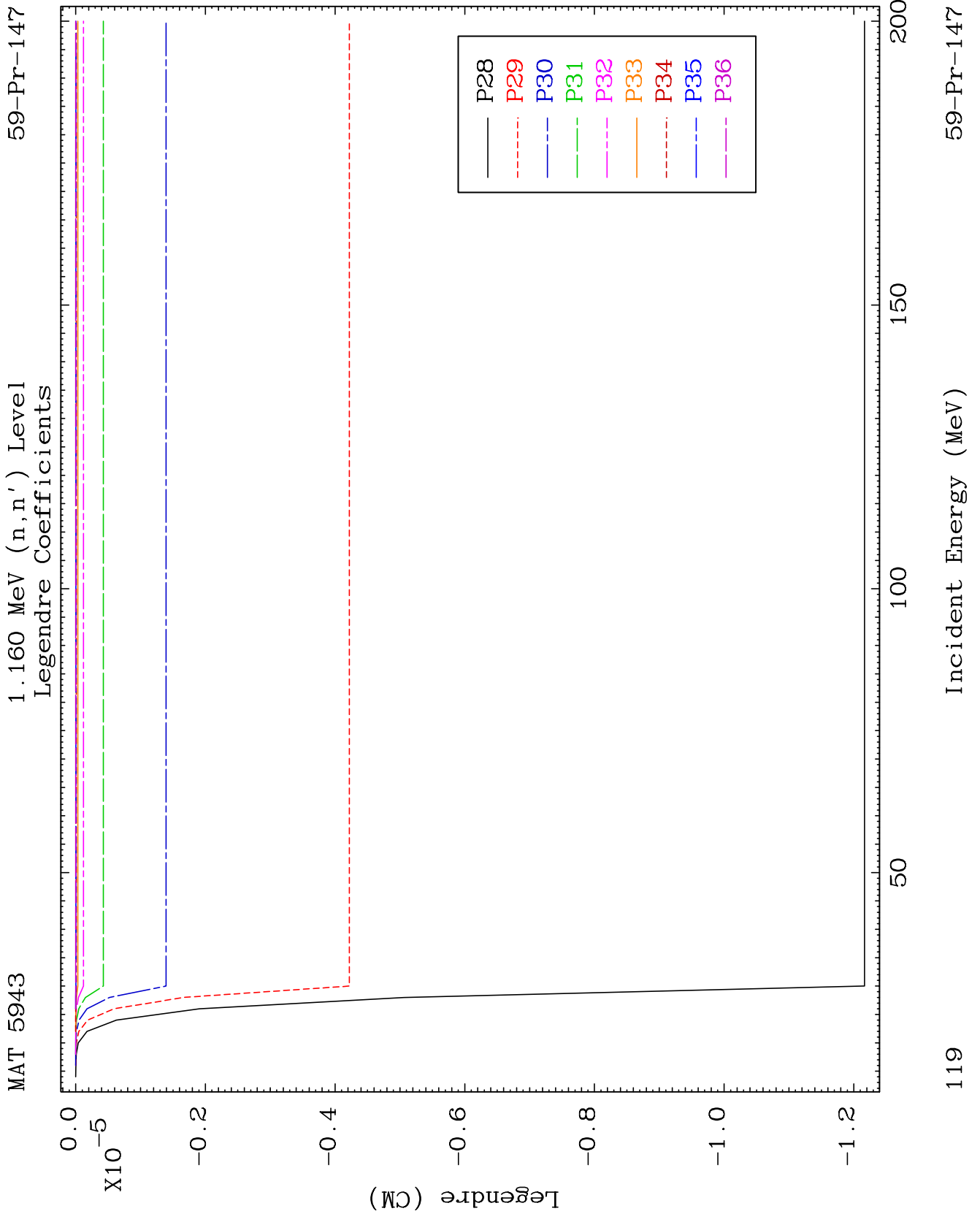


59-Pr-147

Incident Energy (MeV)

117



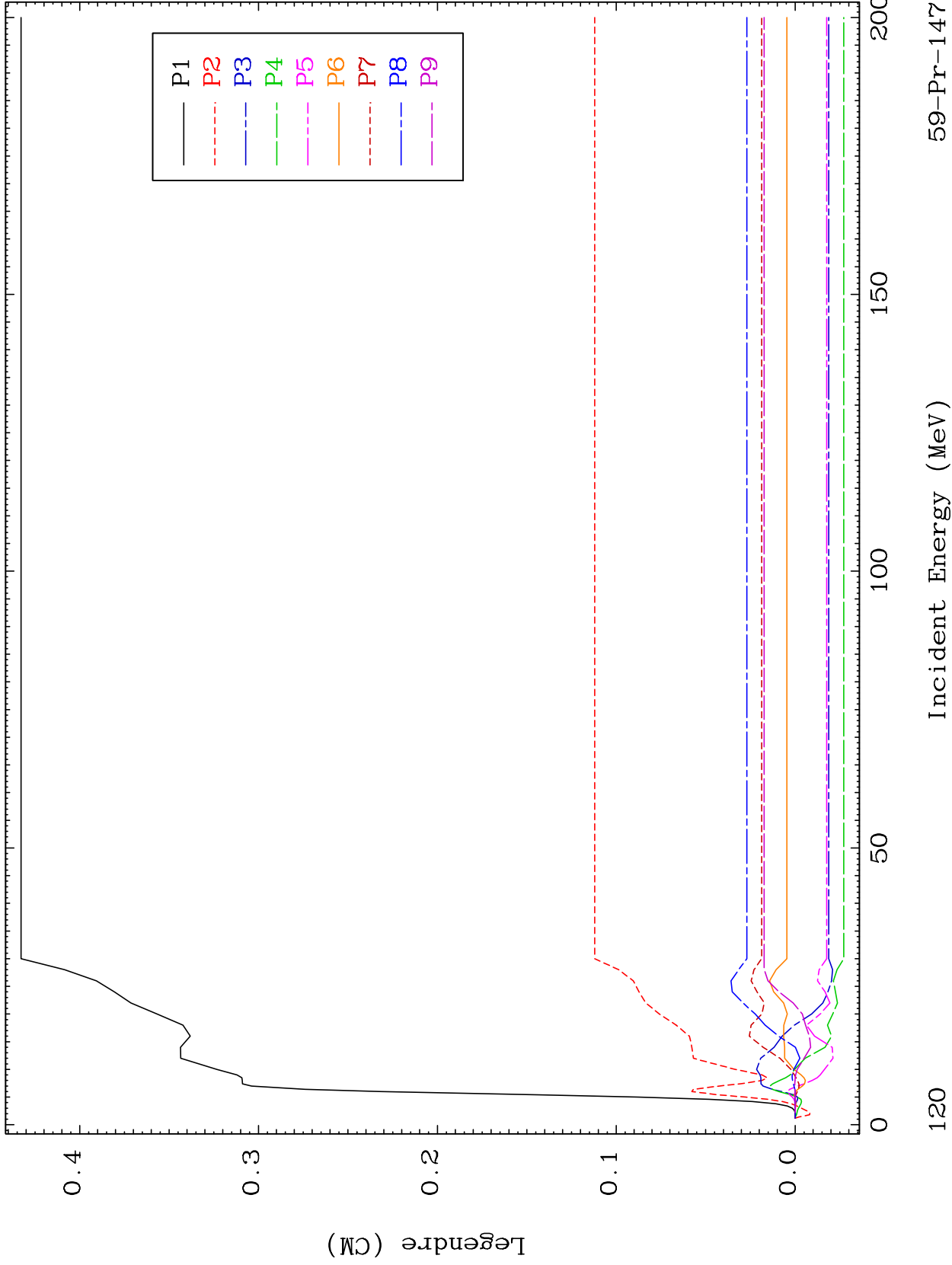




MAT 5943

1.170 MeV (n,n') Level  
Legendre Coefficients

59-Pr-147

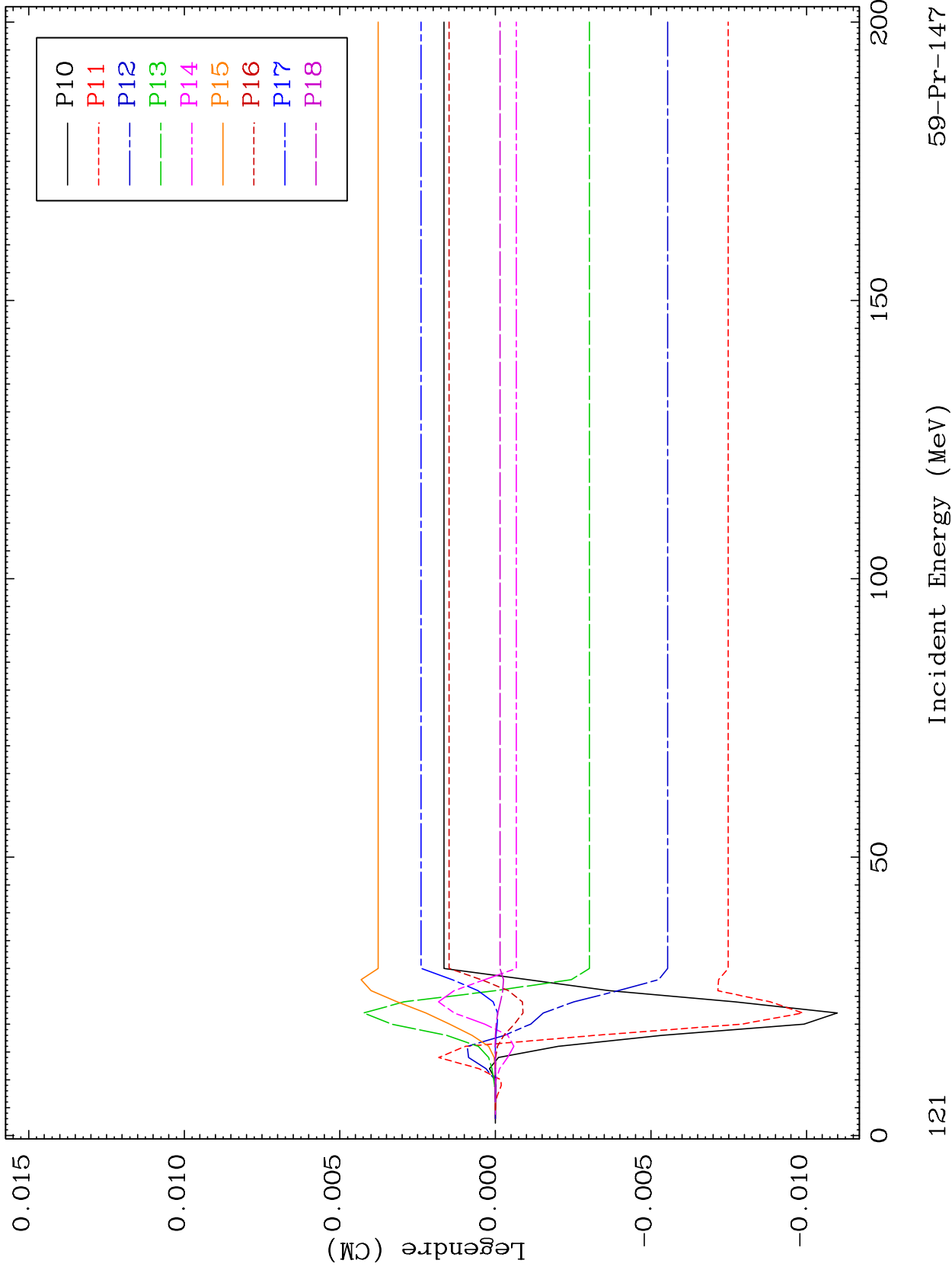


59-Pr-147

MAT 5943

1.170 MeV (n,n') Level  
Legendre Coefficients

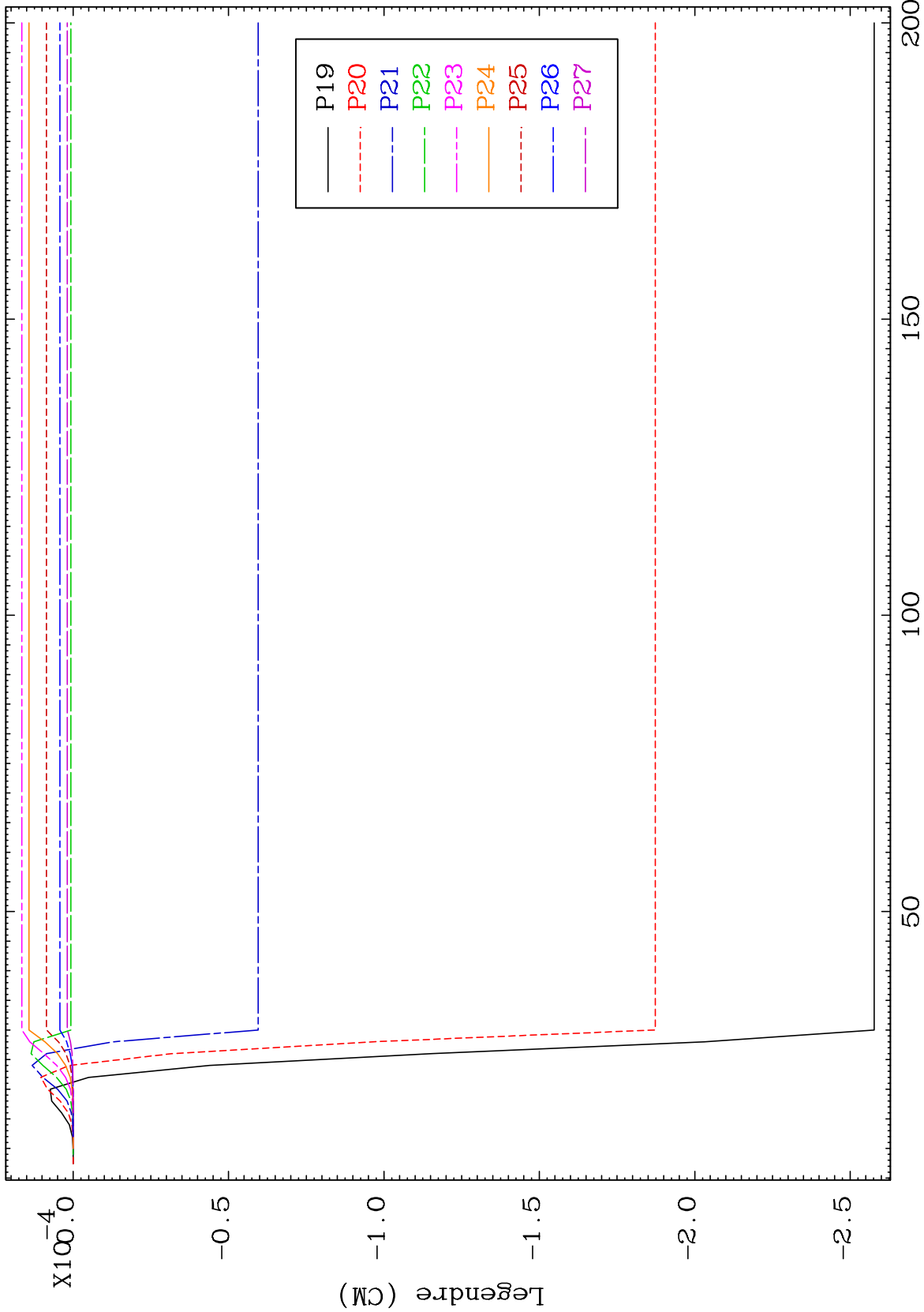
59-Pr-147



121

Incident Energy (MeV)

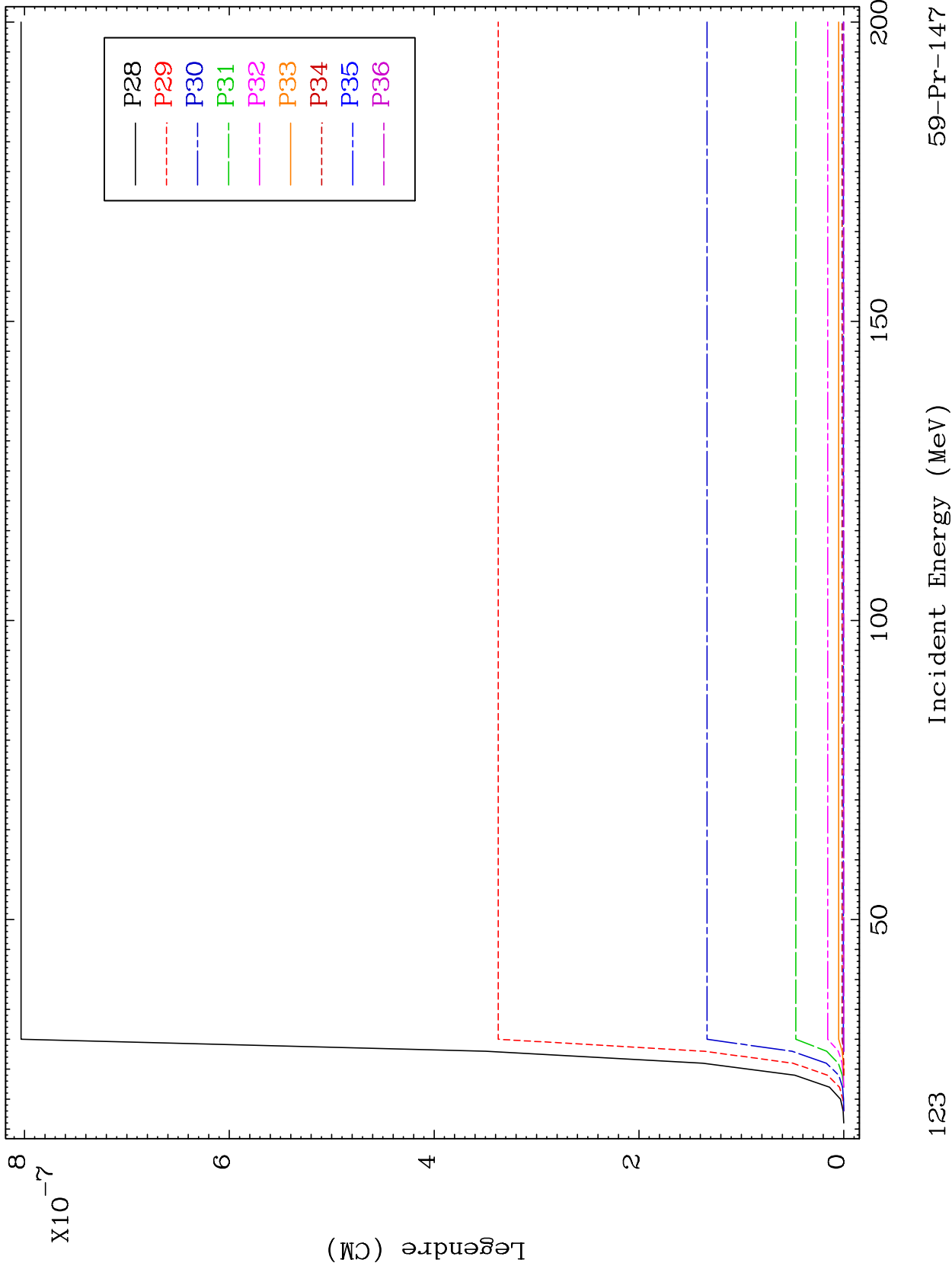
59-Pr-147



MAT 5943

1.170 MeV (n,n') Level  
Legendre Coefficients

59-Pr-147



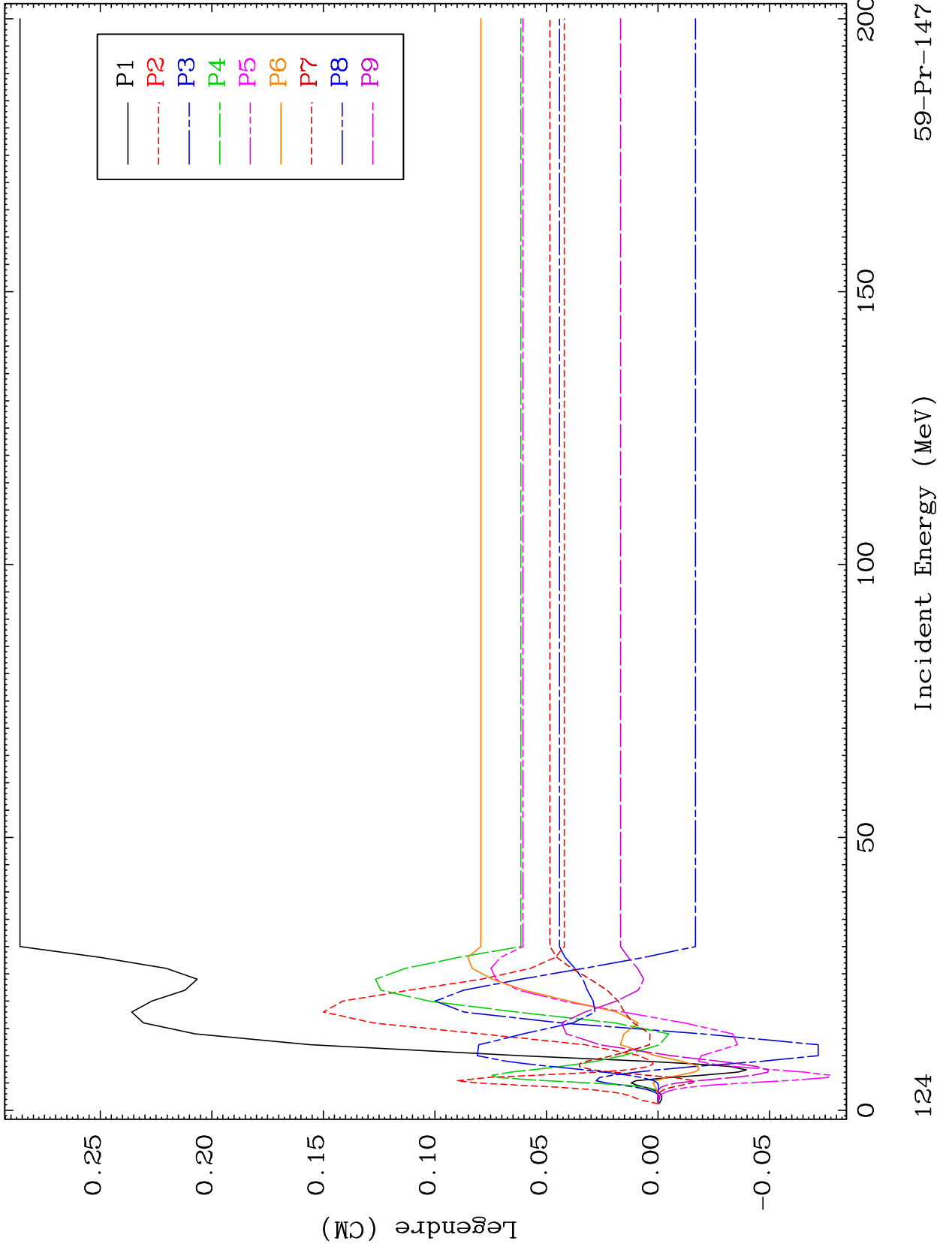
123

59-Pr-147

MAT 5943

1.173 MeV (n,n') Level  
Legendre Coefficients

59-Pr-147



59-Pr-147

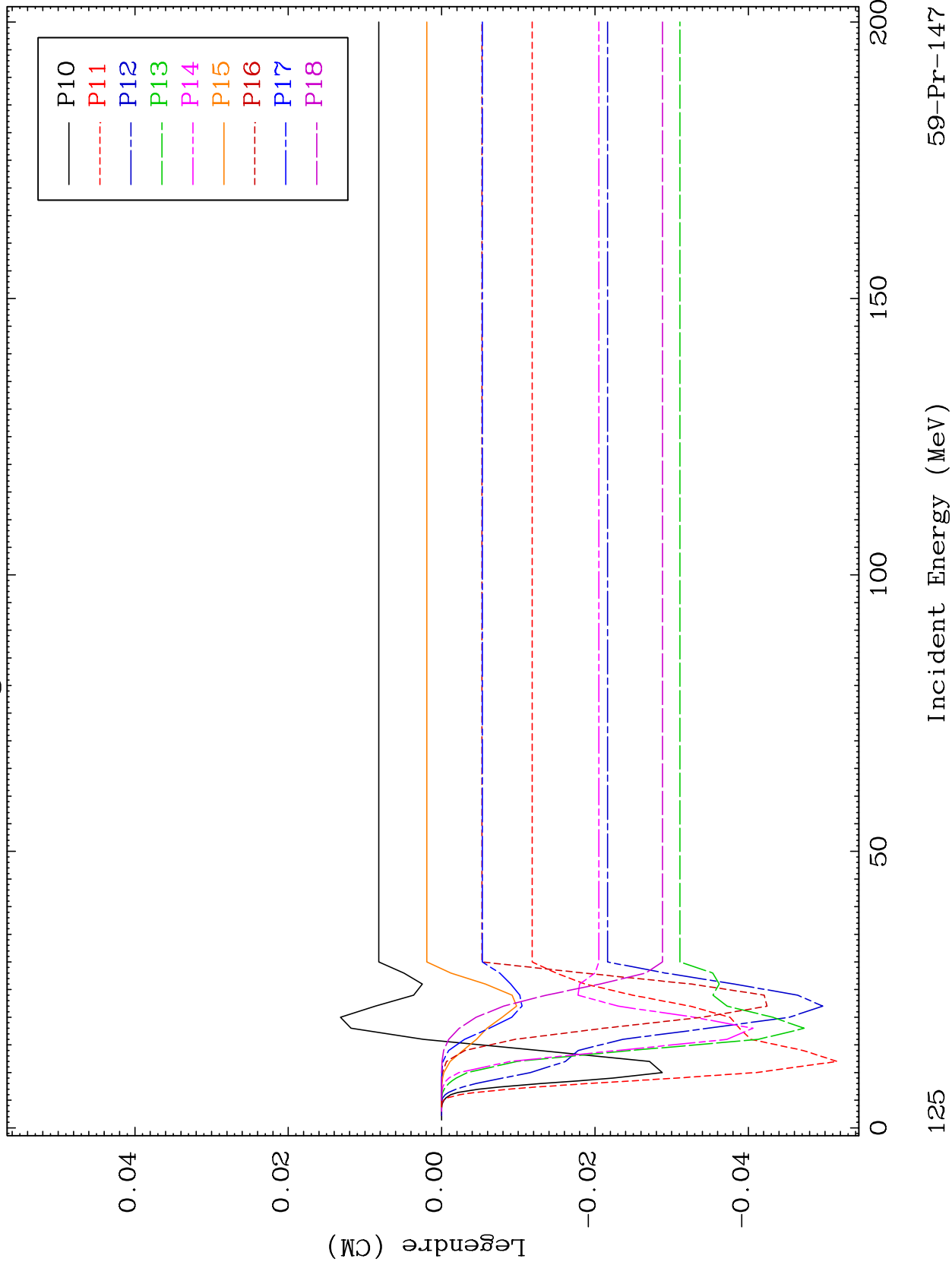
Incident Energy (MeV)

124

MAT 5943

1.173 MeV (n,n') Level  
Legendre Coefficients

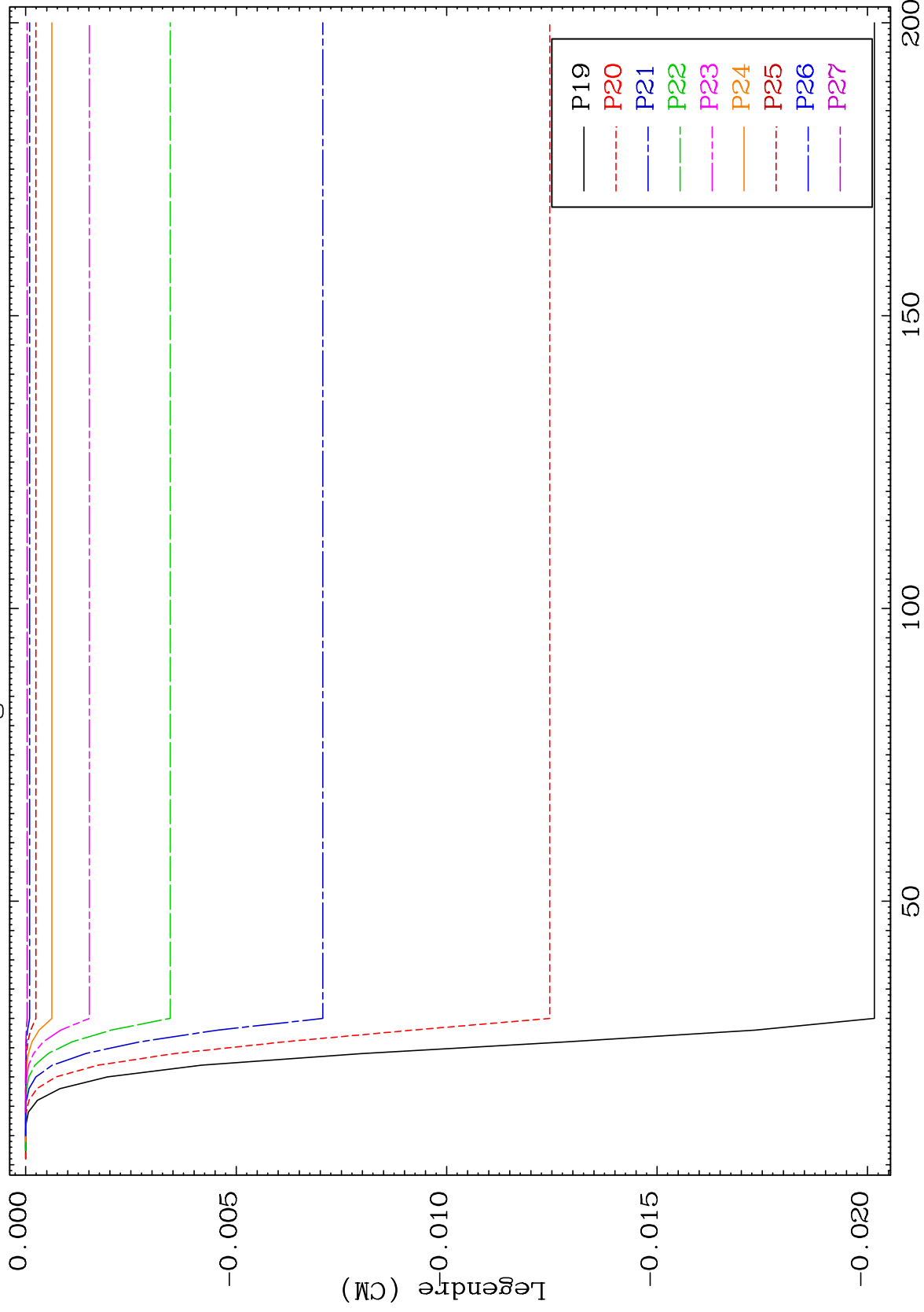
59-Pr-147

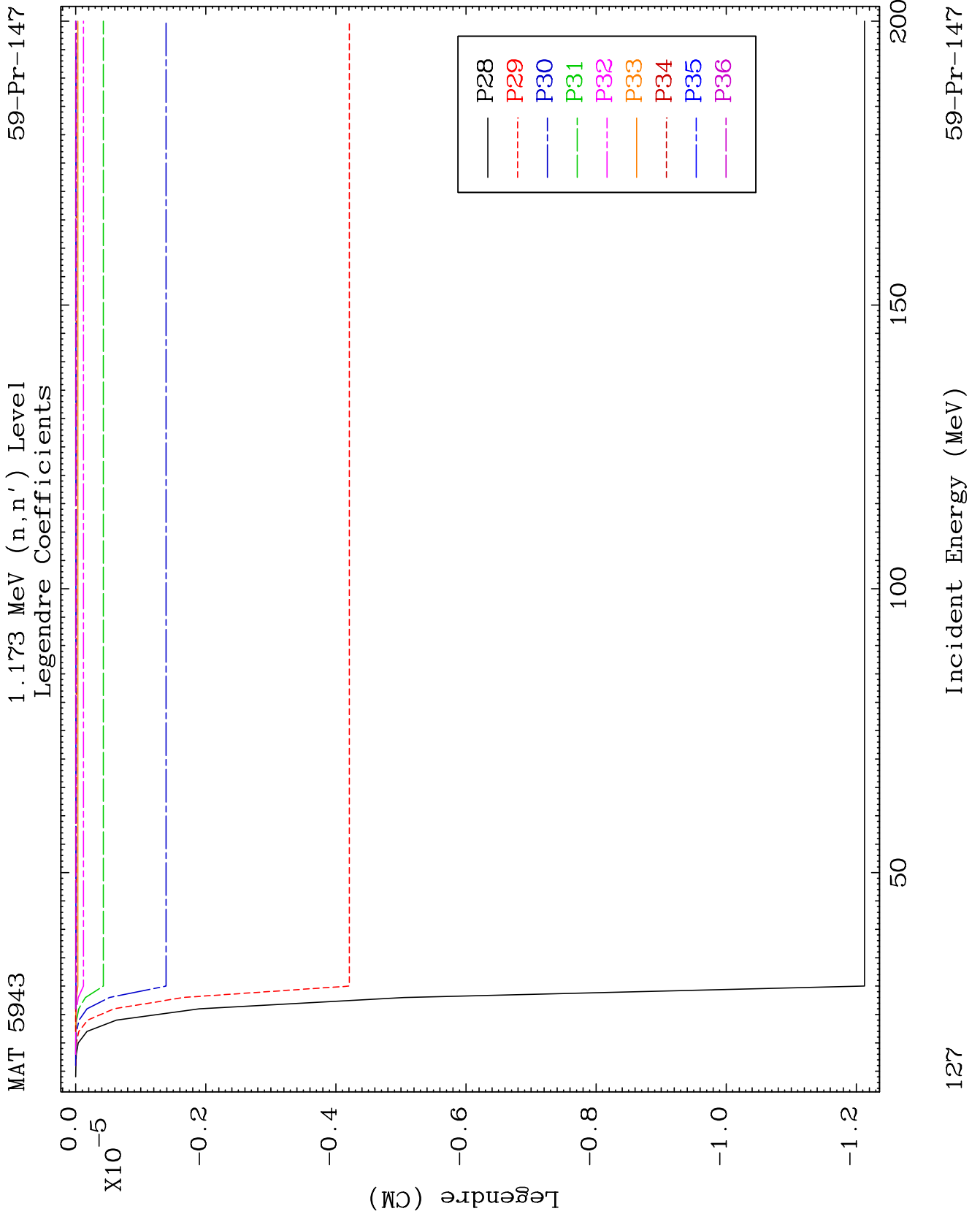


59-Pr-147

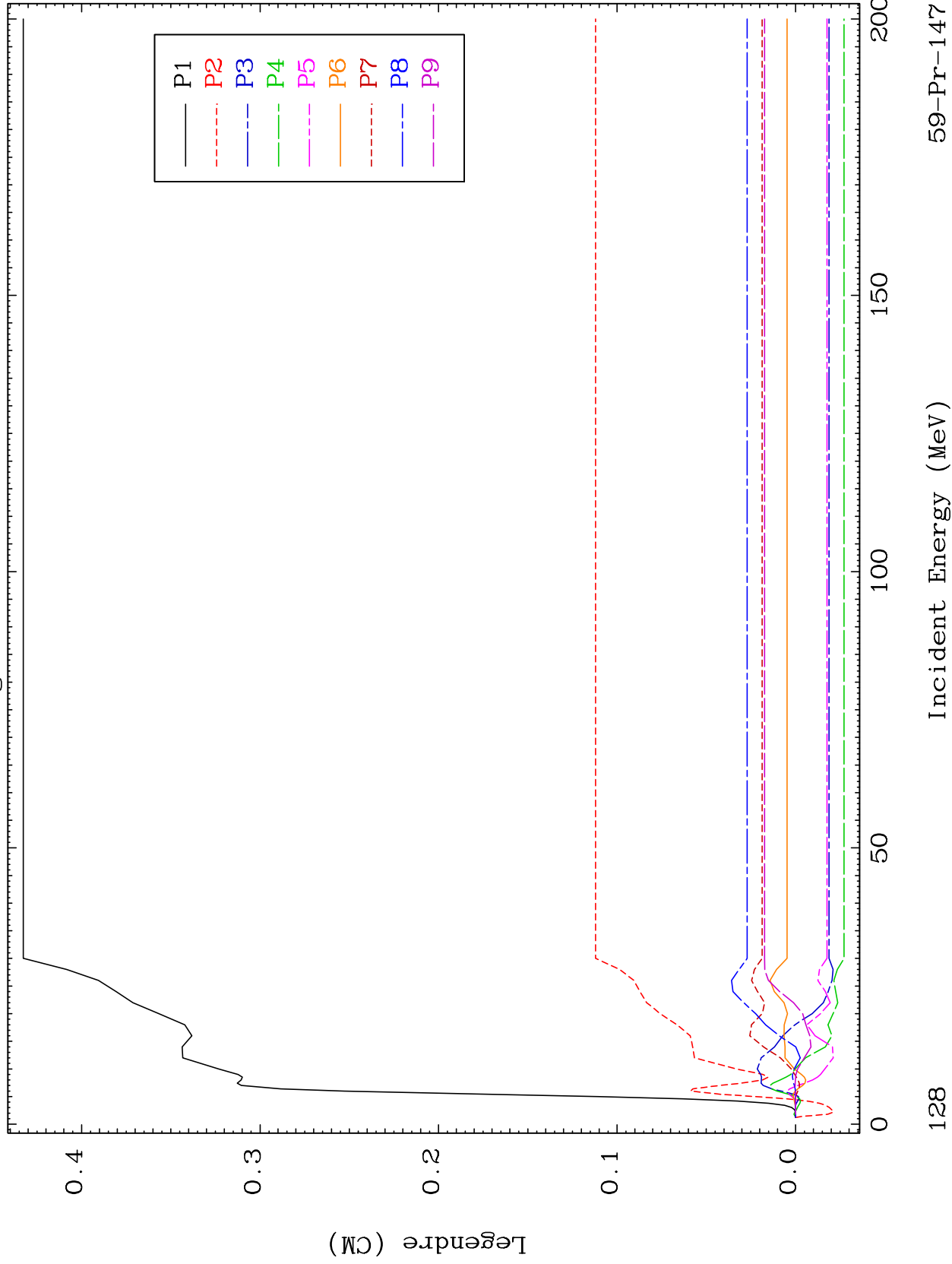
Incident Energy (MeV)

125





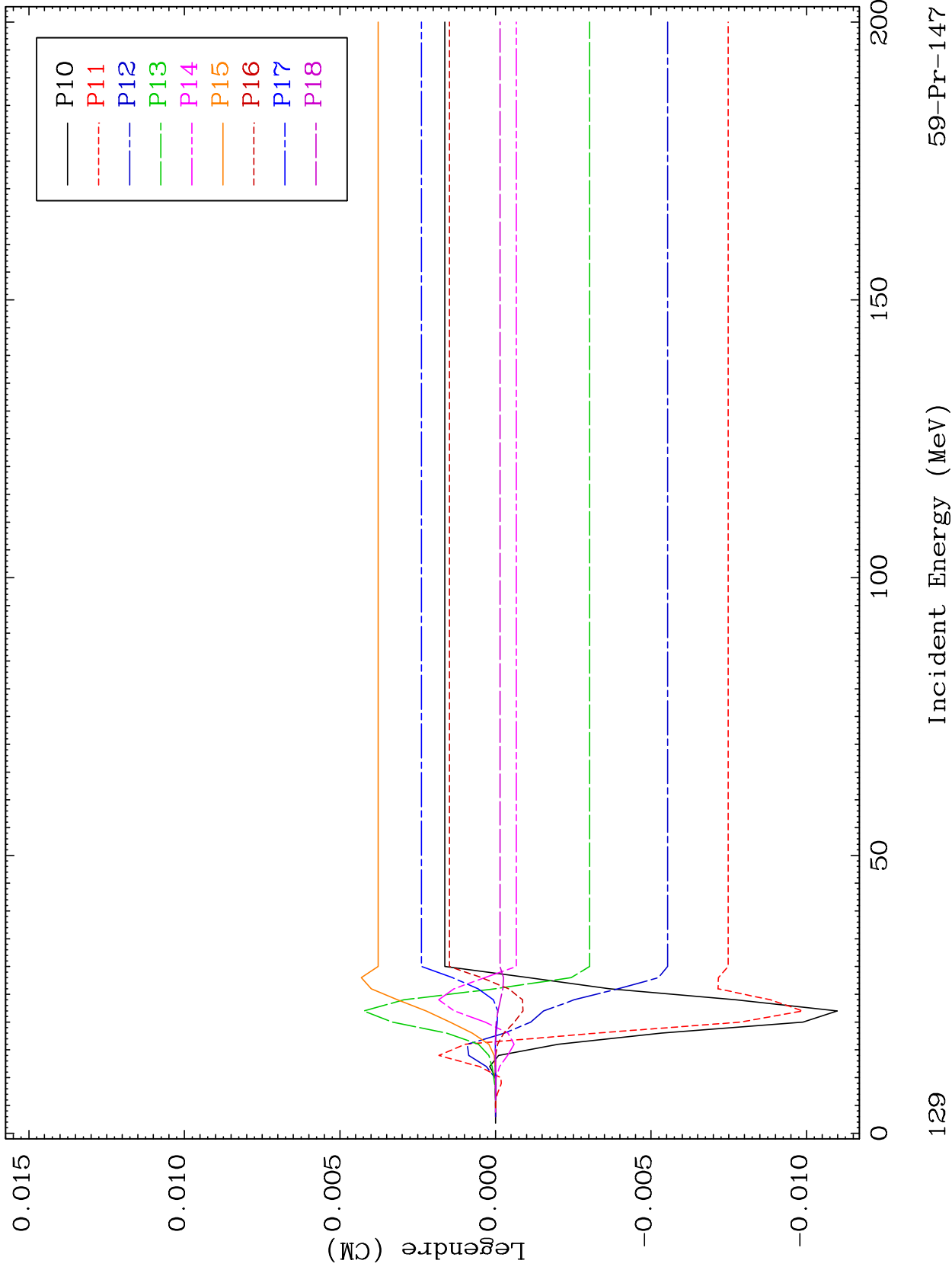




MAT 5943

1.194 MeV (n,n') Level  
Legendre Coefficients

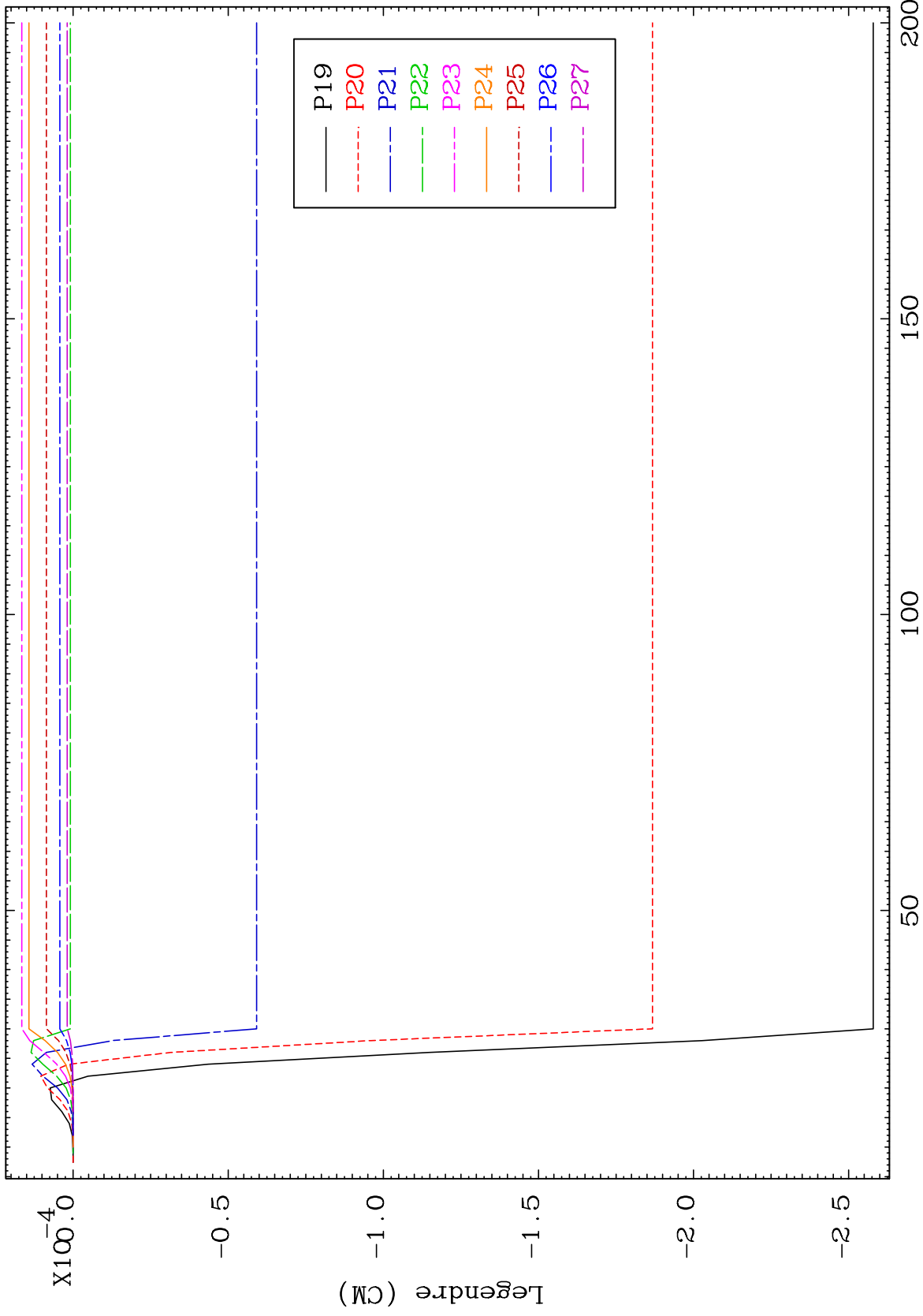
59-Pr-147

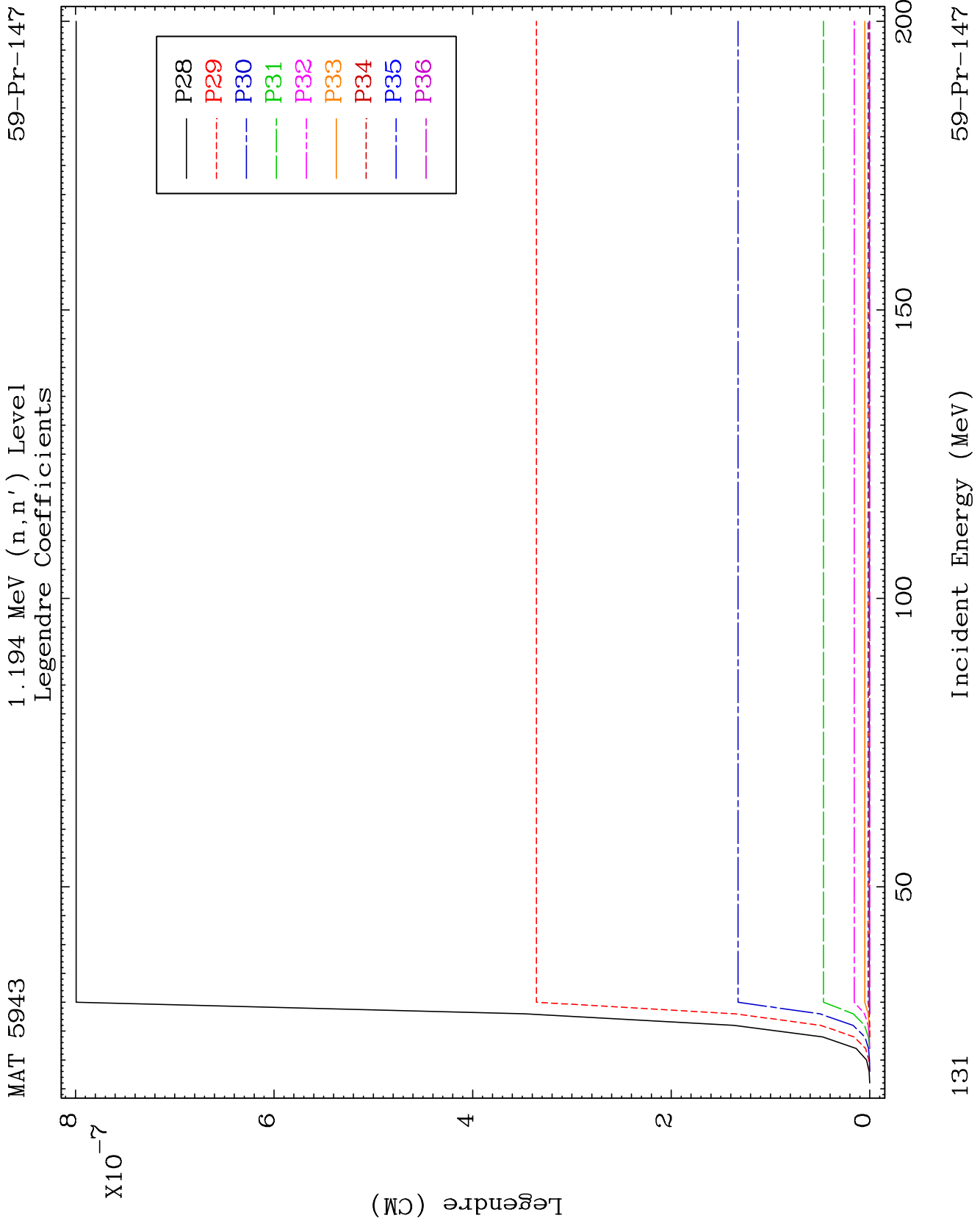


129

Incident Energy (MeV)

59-Pr-147



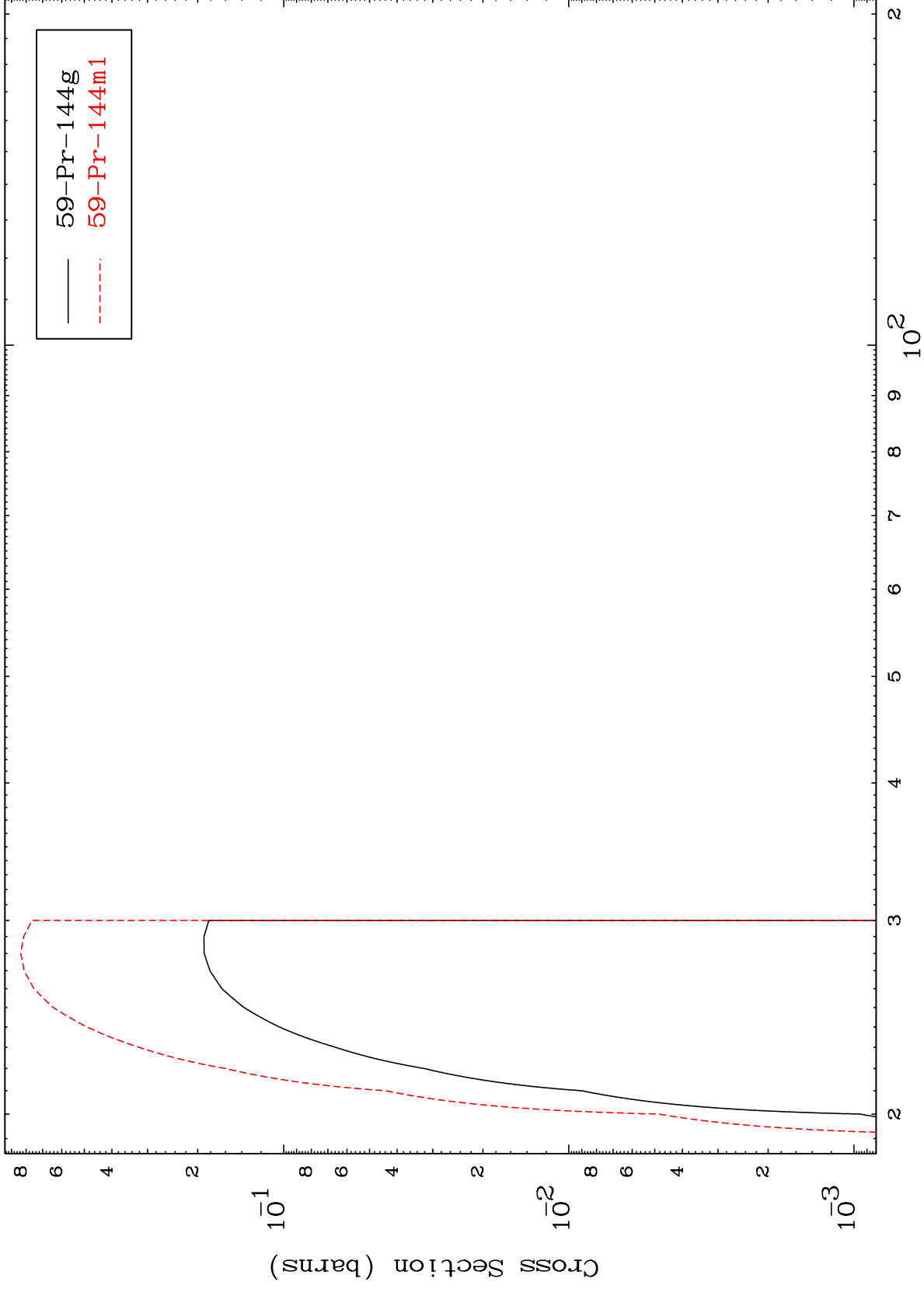


MAT 5943

(n,4n)

59-Pr-147

Radionuclide Production Cross Section



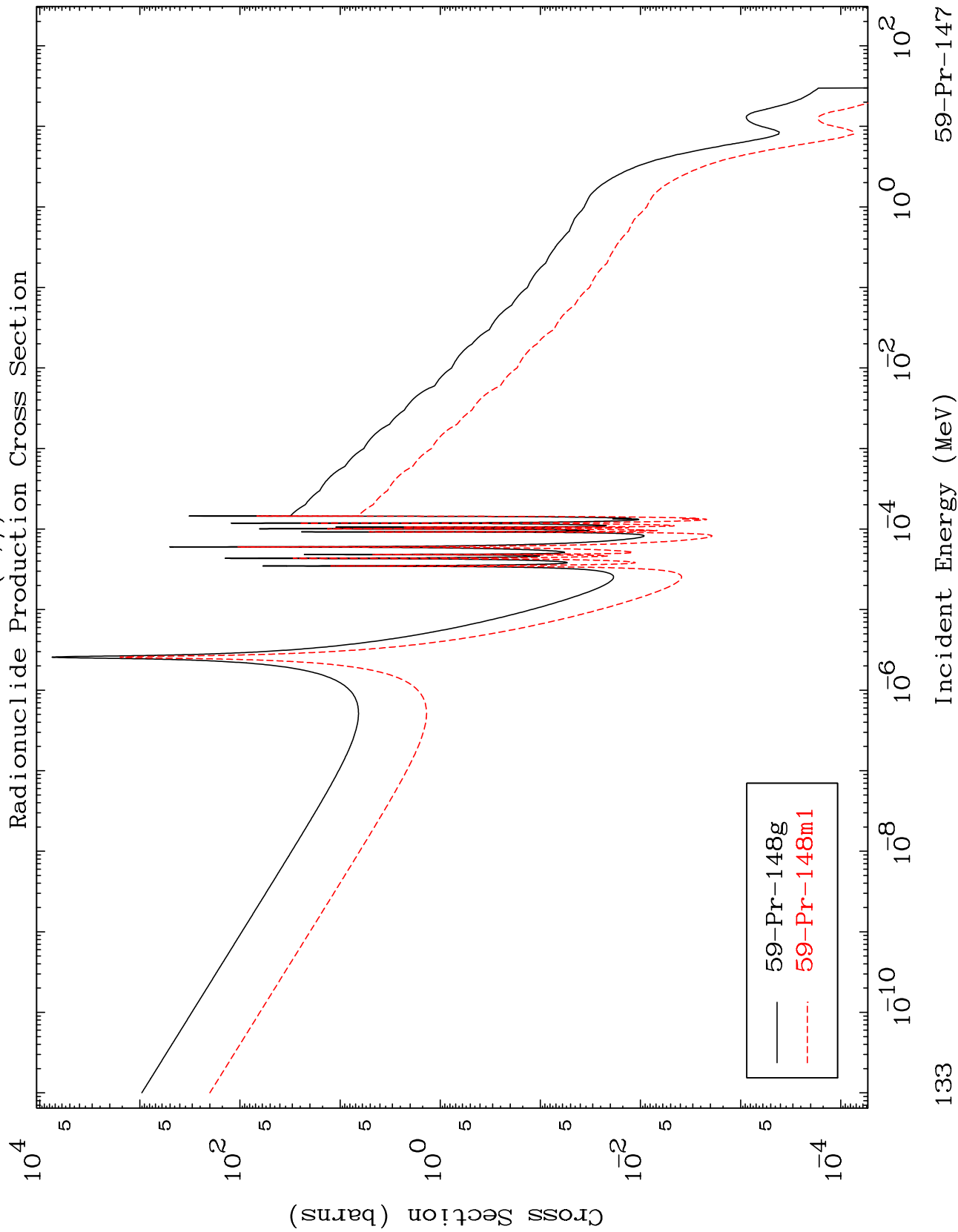
132

Incident Energy (MeV)

59-Pr-147

MAT 5943

59-Pr-147



(n,2p)  
Radionuclide Production Cross Section

