

Program EVALPLOT
(Version 2017-1)

by

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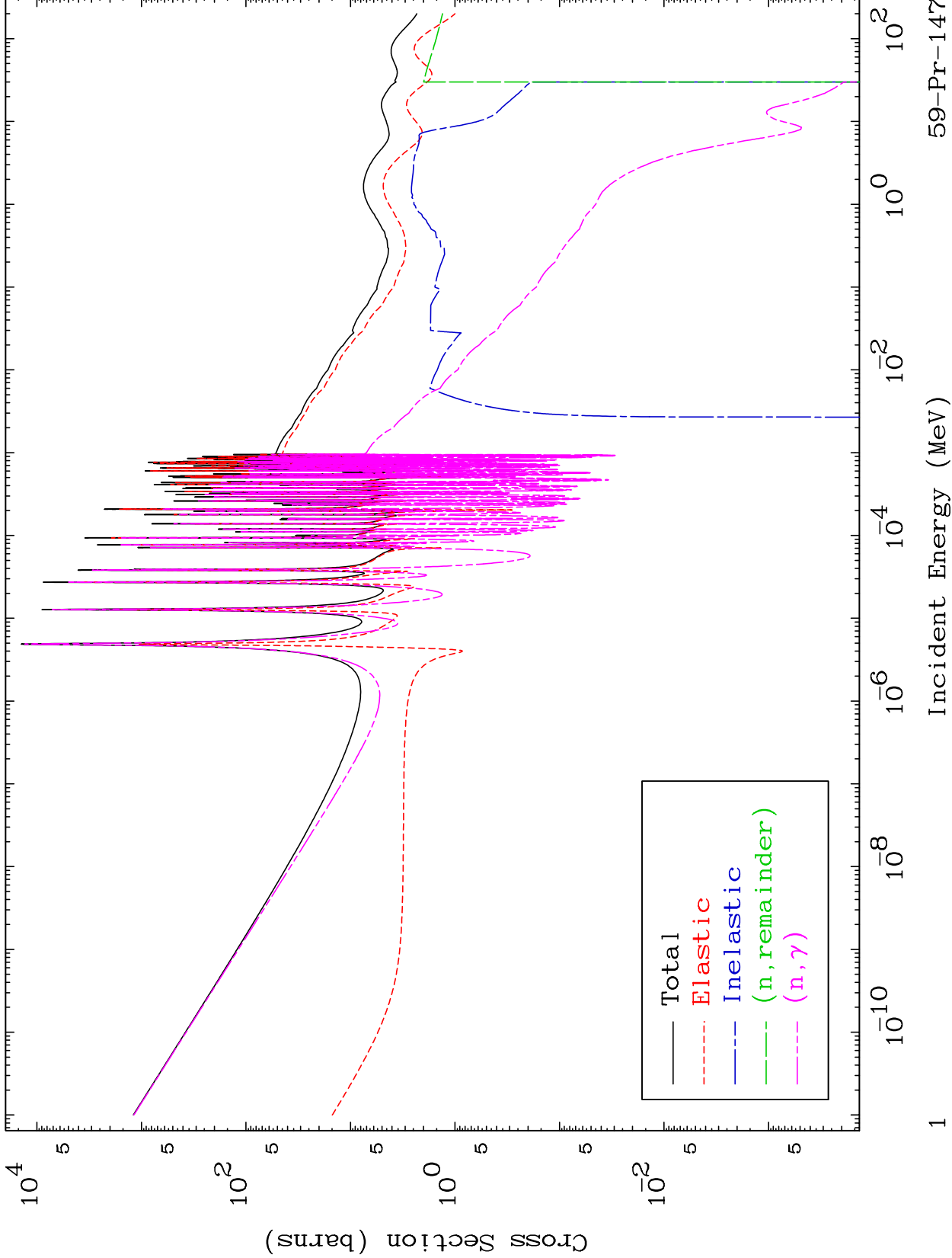
Press Mouse Button to Start

MAT 5943

Major

293 Kelvin Cross Sections

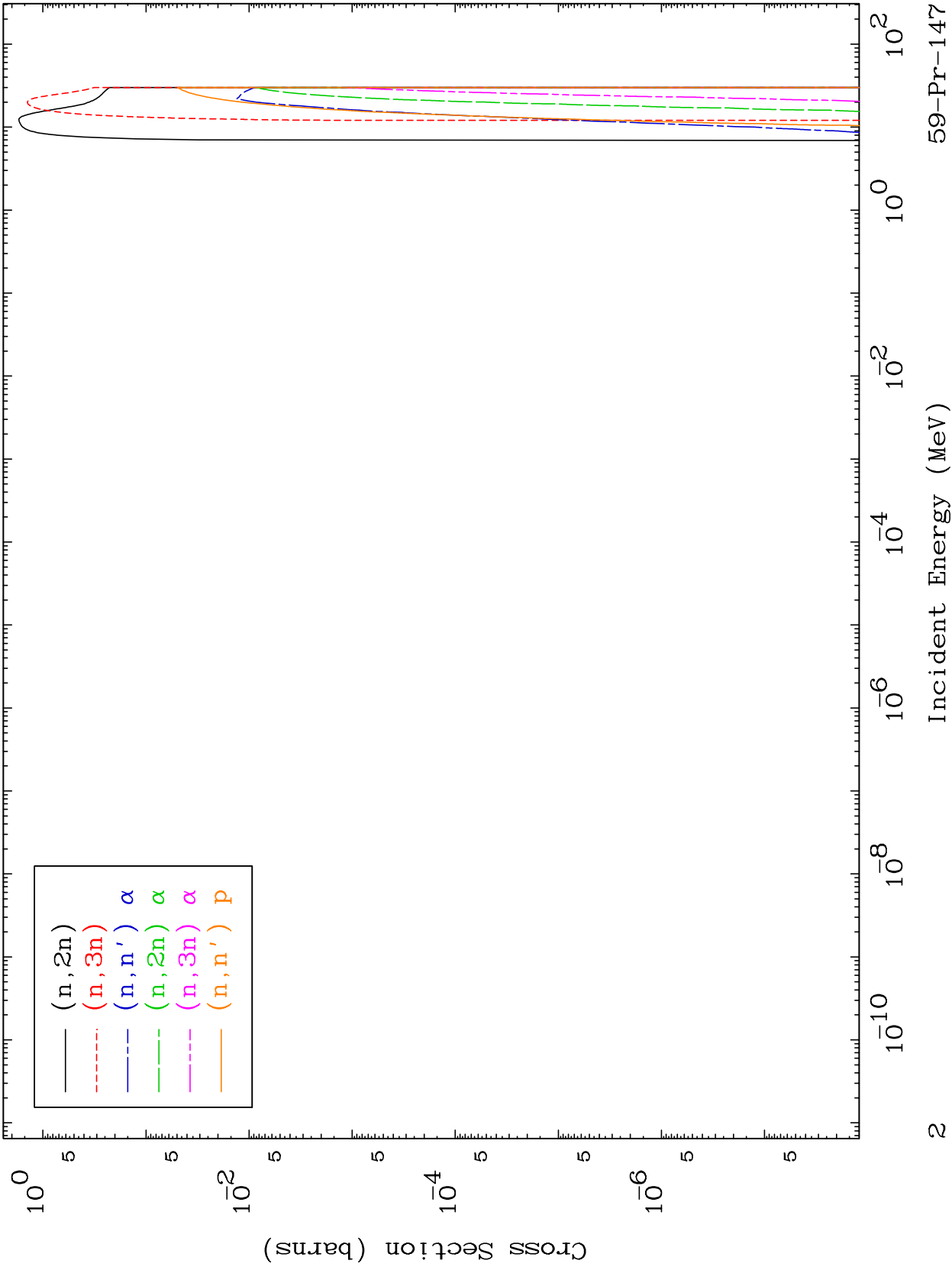
59-Pr-147

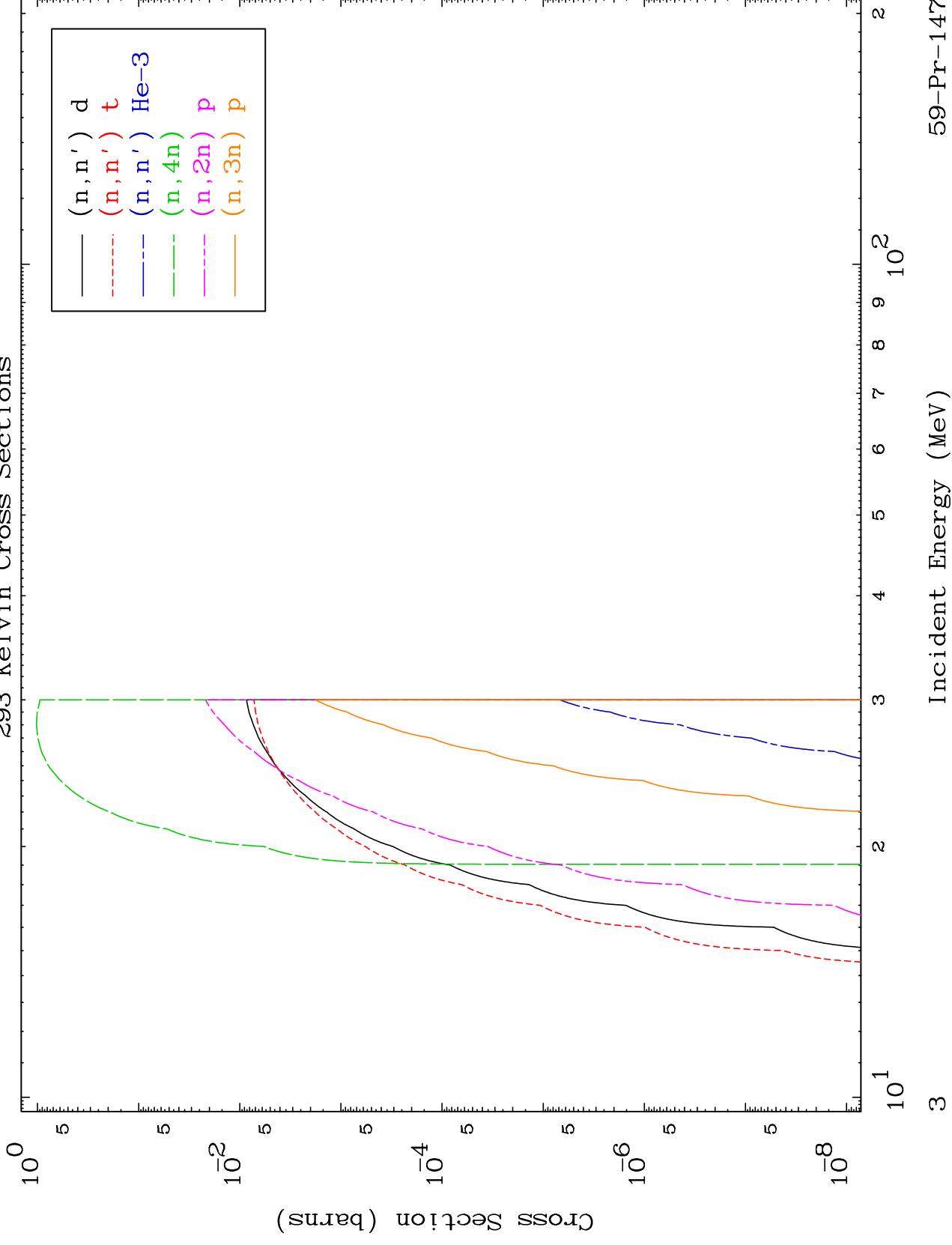


MAT 5943

Neutron Production
293 Kelvin Cross Sections

59-Pr-147

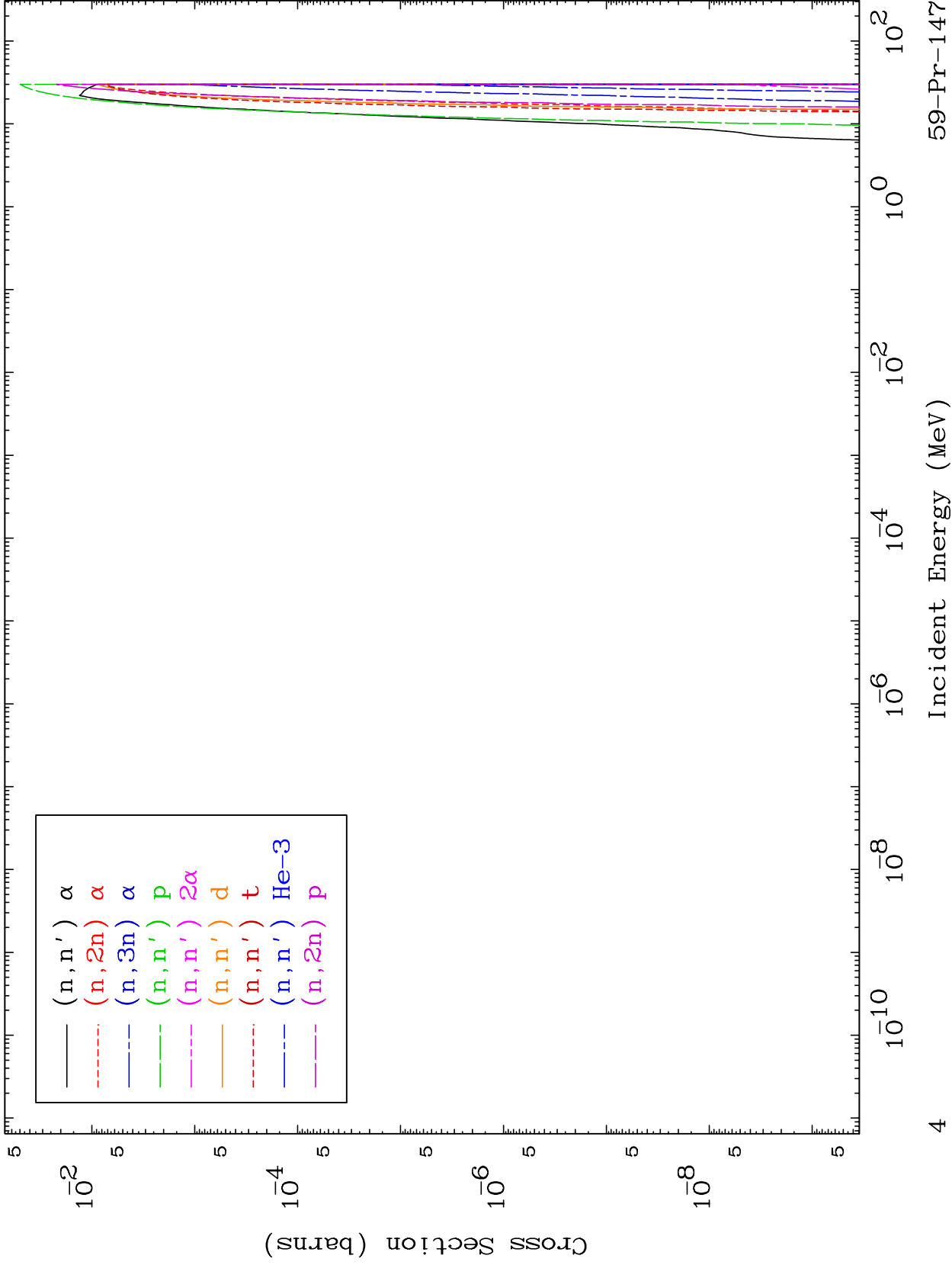




MAT 5943

Charged Particle
293 Kelvin Cross Sections

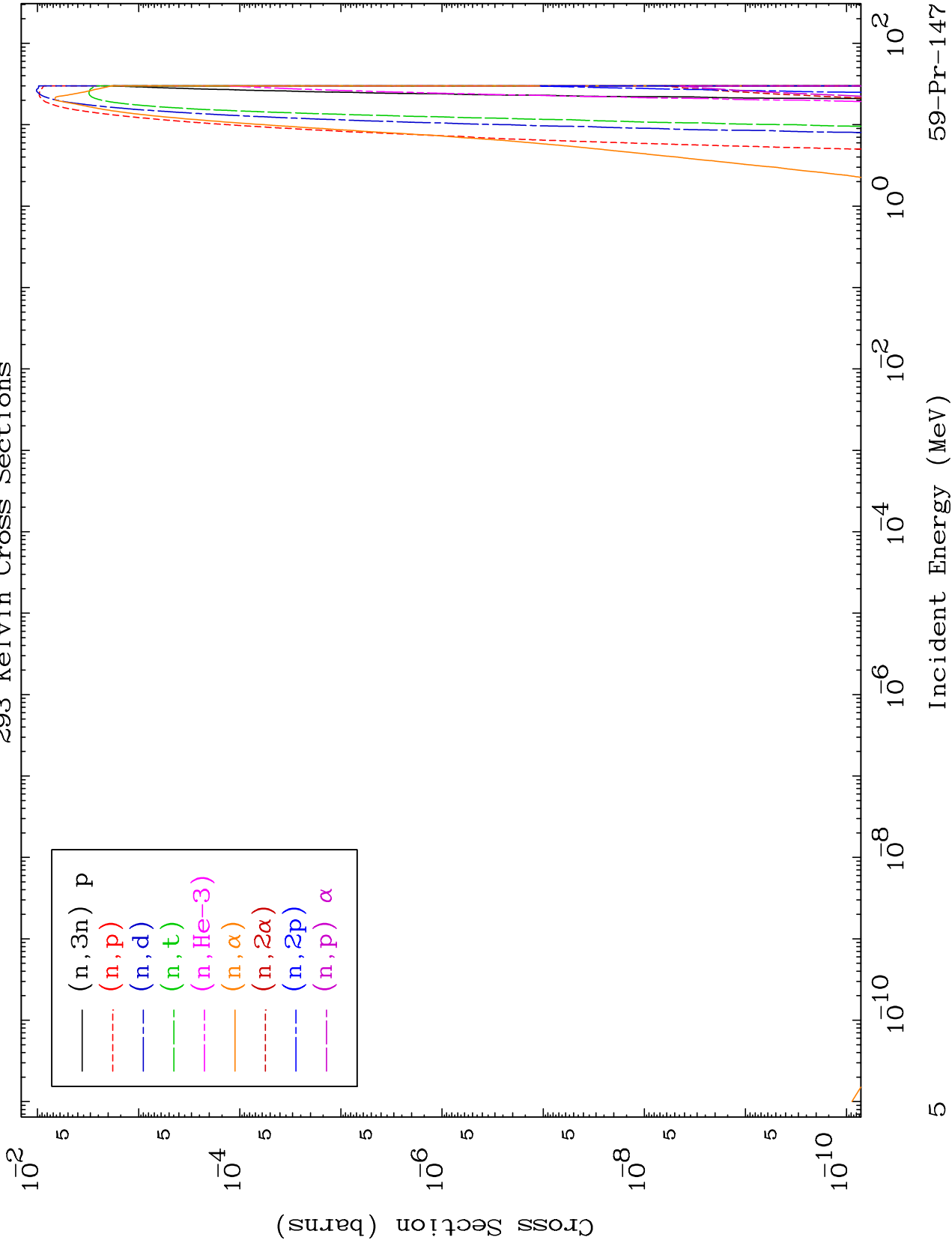
59-Pr-147

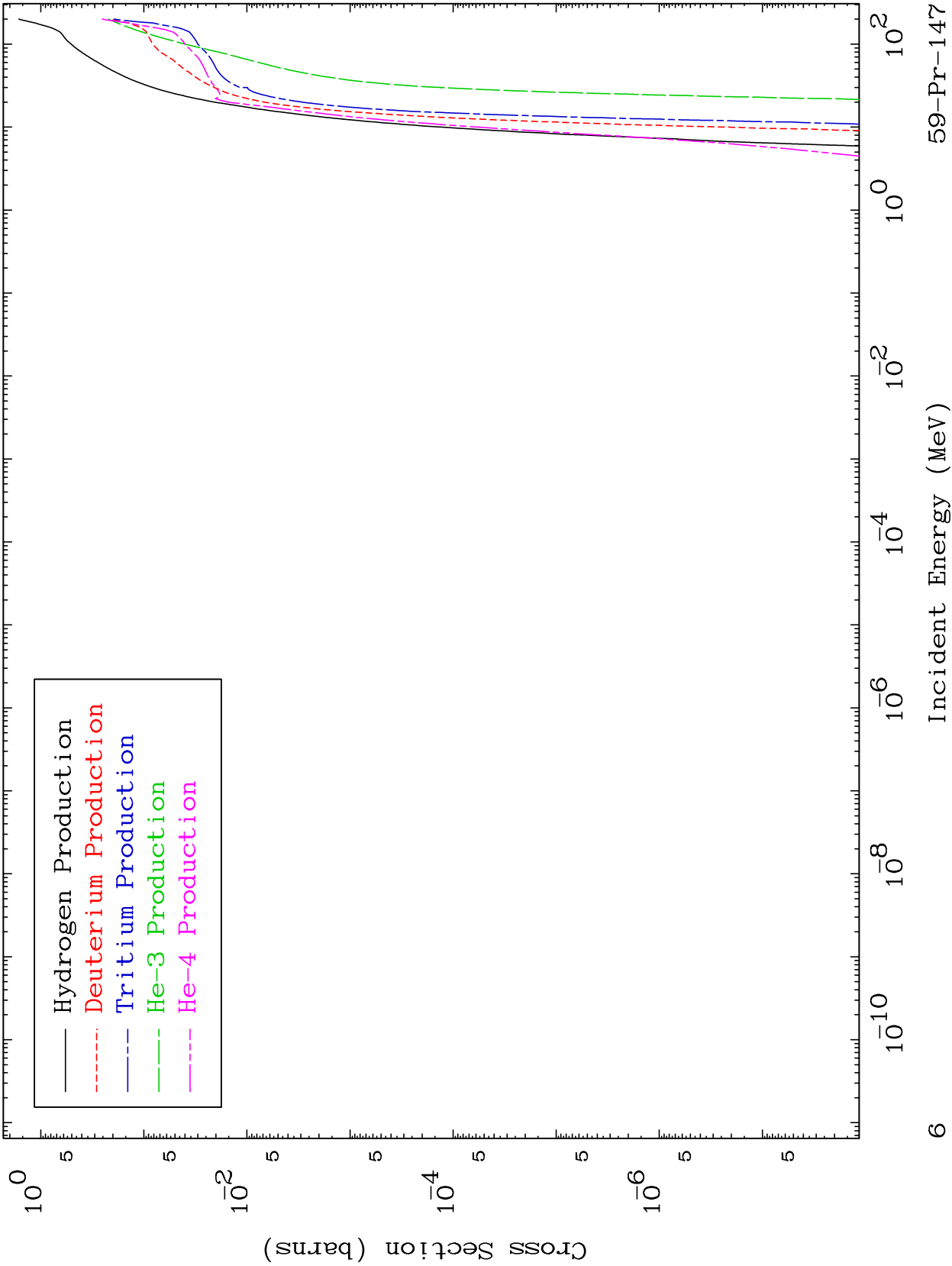


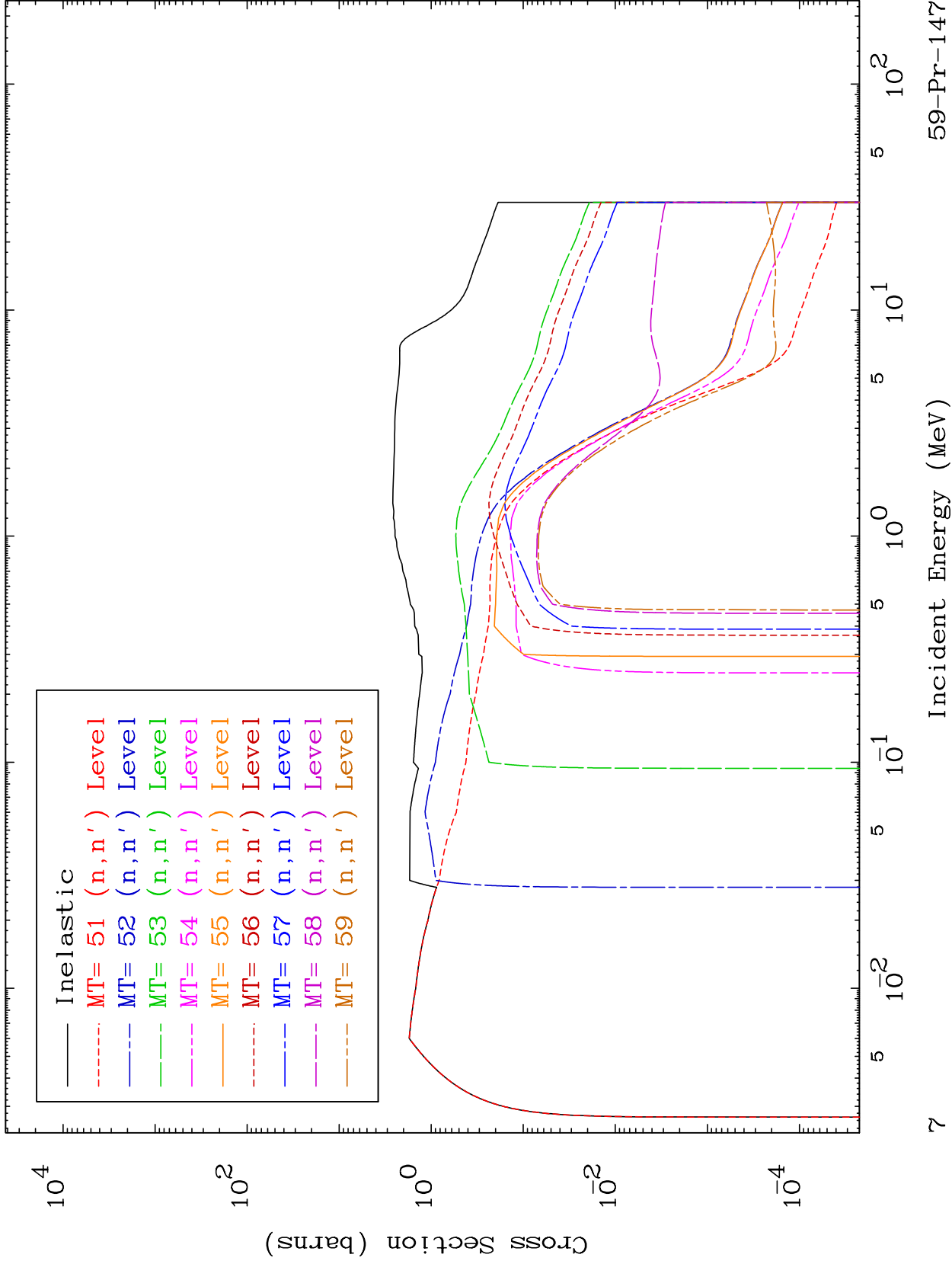
MAT 5943

Charged Particle
293 Kelvin Cross Sections

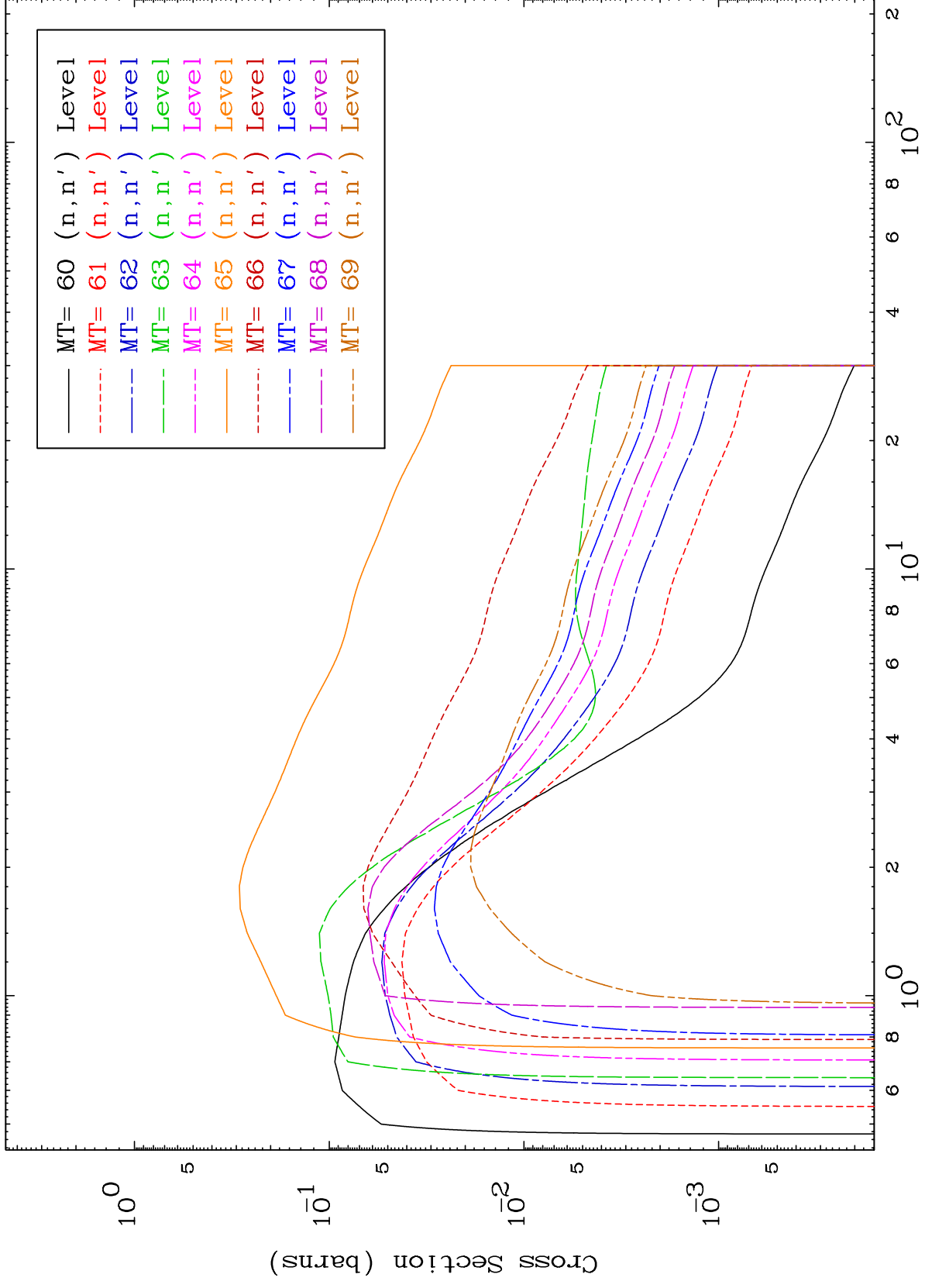
59-Pr-147



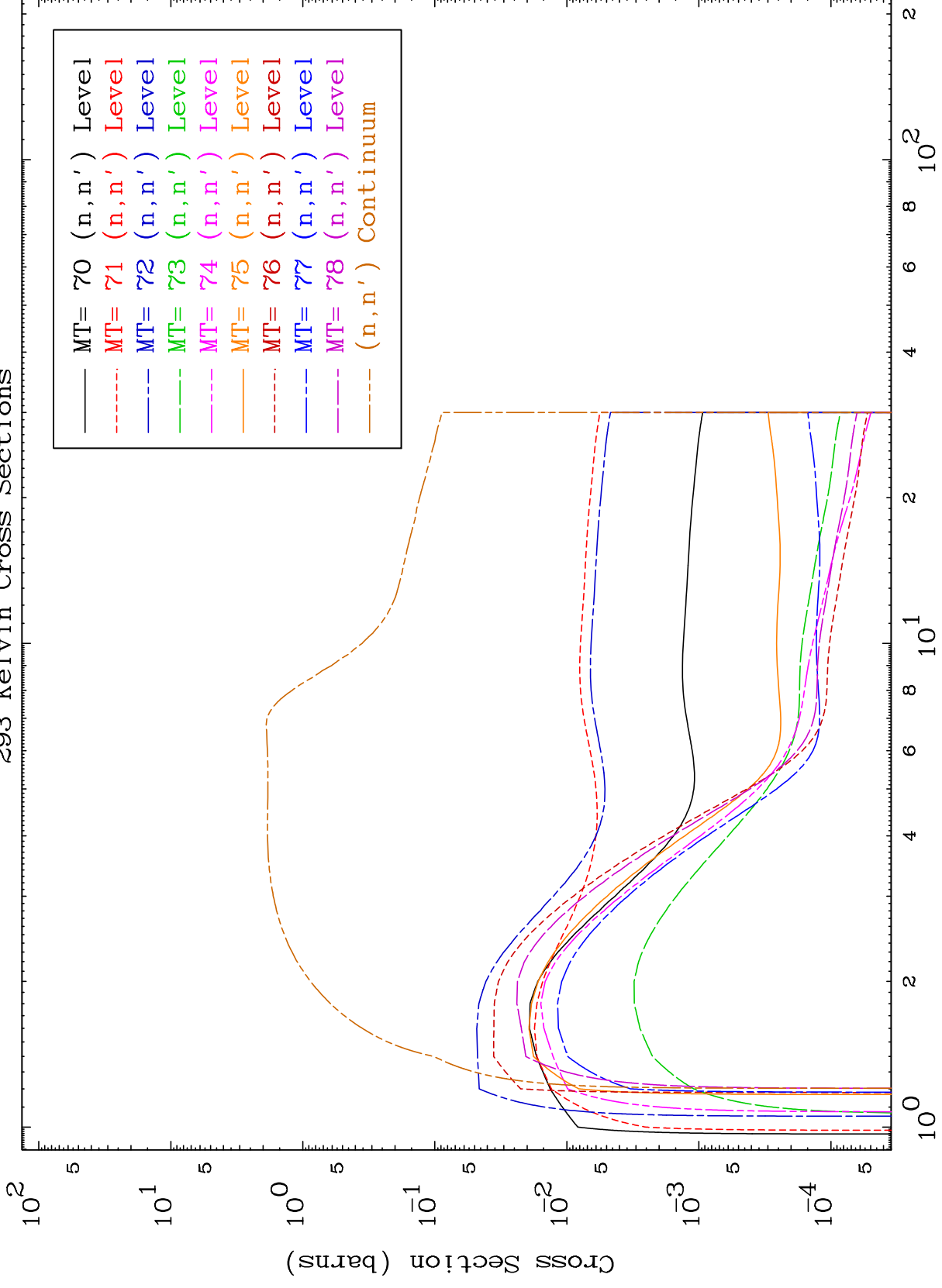




293 Kelvin Cross Sections



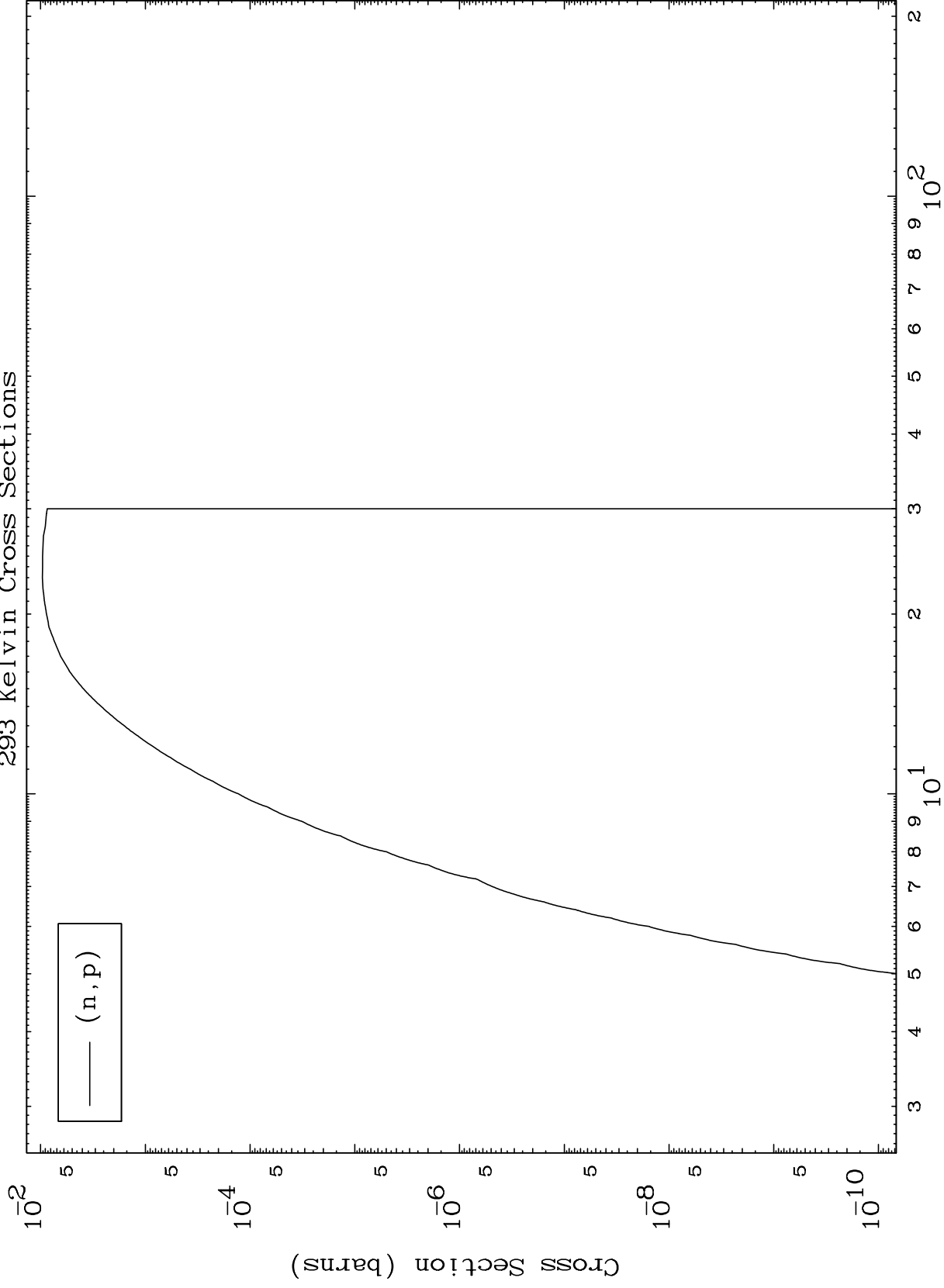
293 Kelvin Cross Sections



MAT 5943

(n,p) Levels
293 Kelvin Cross Sections

59-Pr-147



10

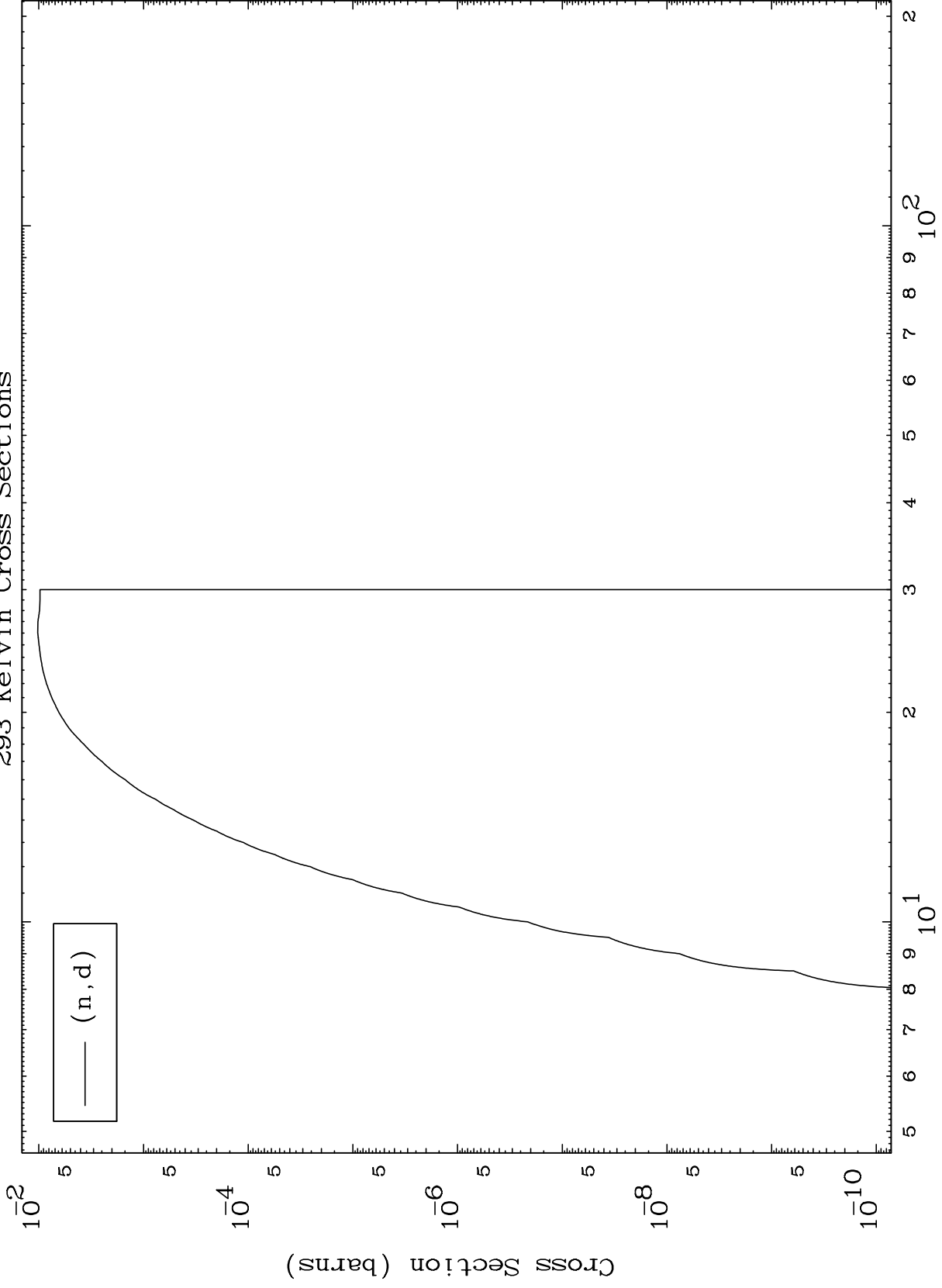
Incident Energy (MeV)

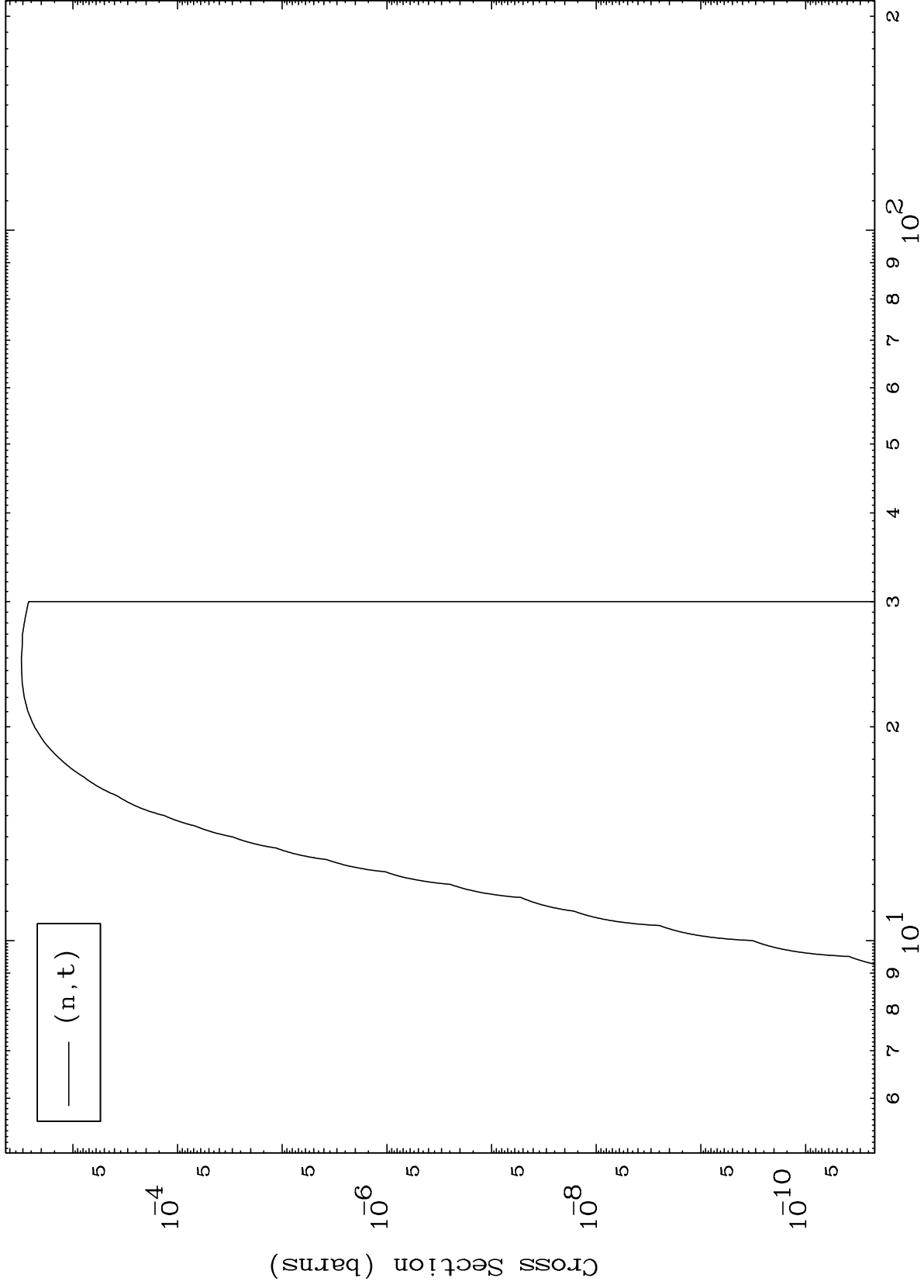
59-Pr-147

MAT 5943

(n,d) Levels
293 Kelvin Cross Sections

59-Pr-147

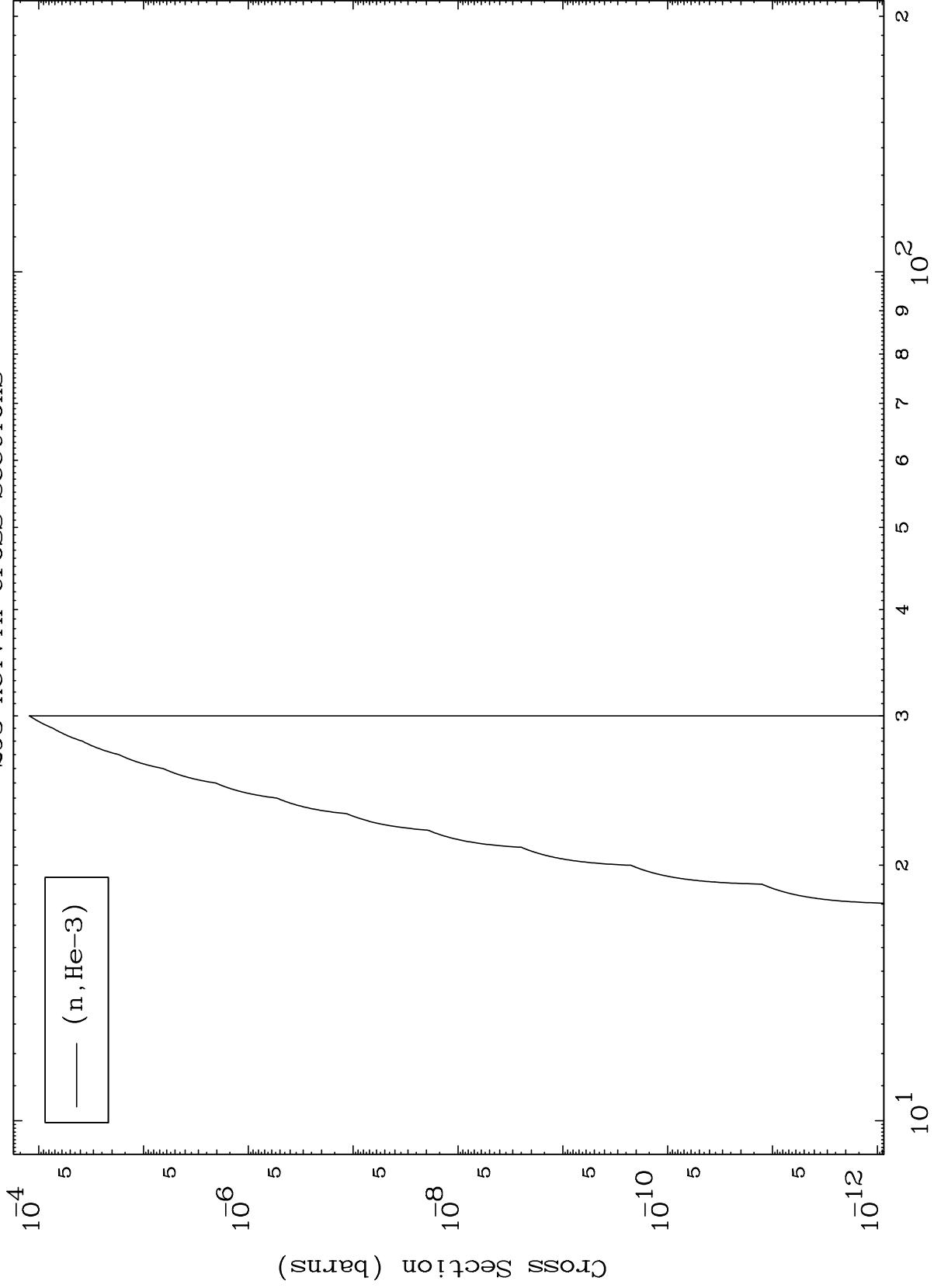




MAT 5943

(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-147



13

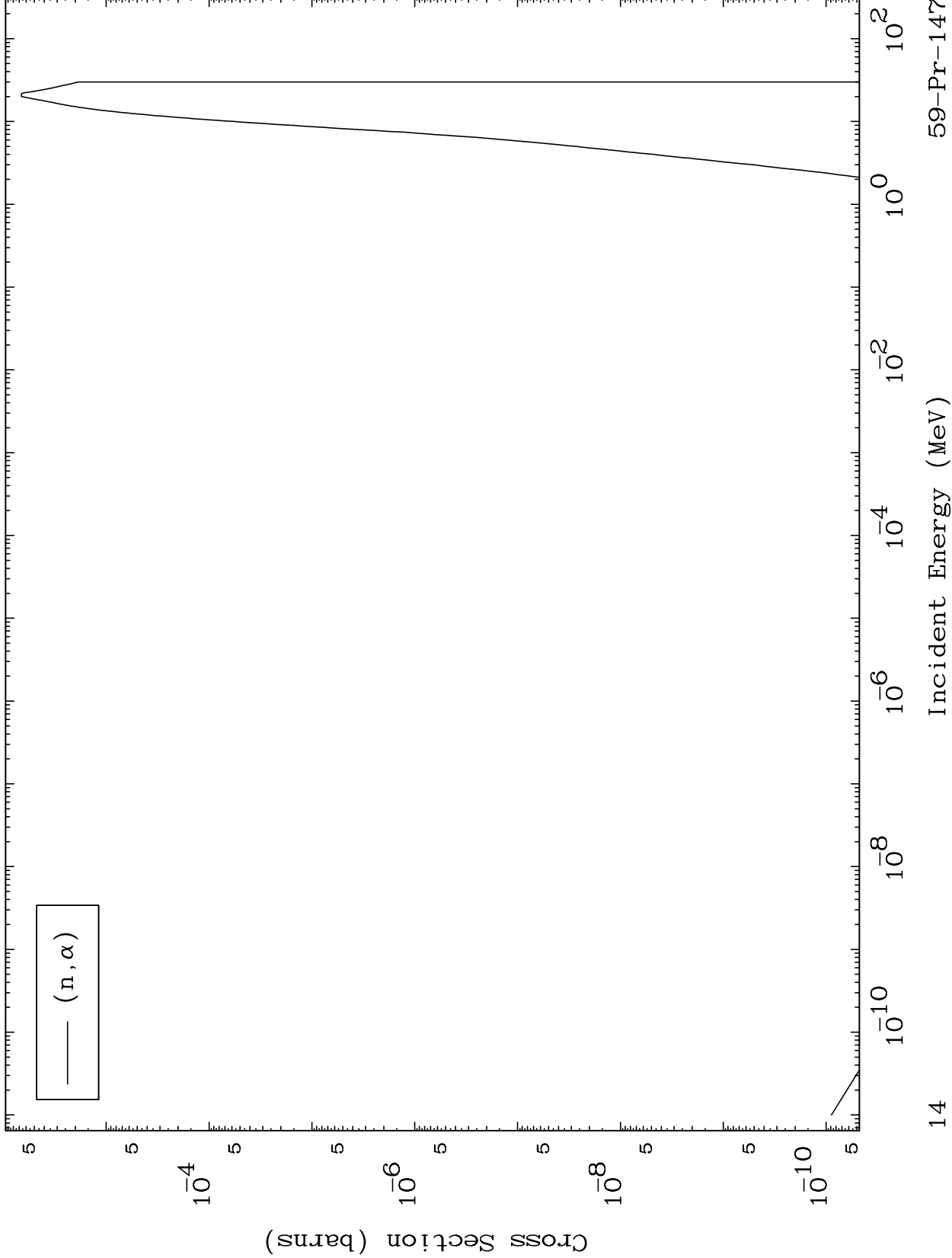
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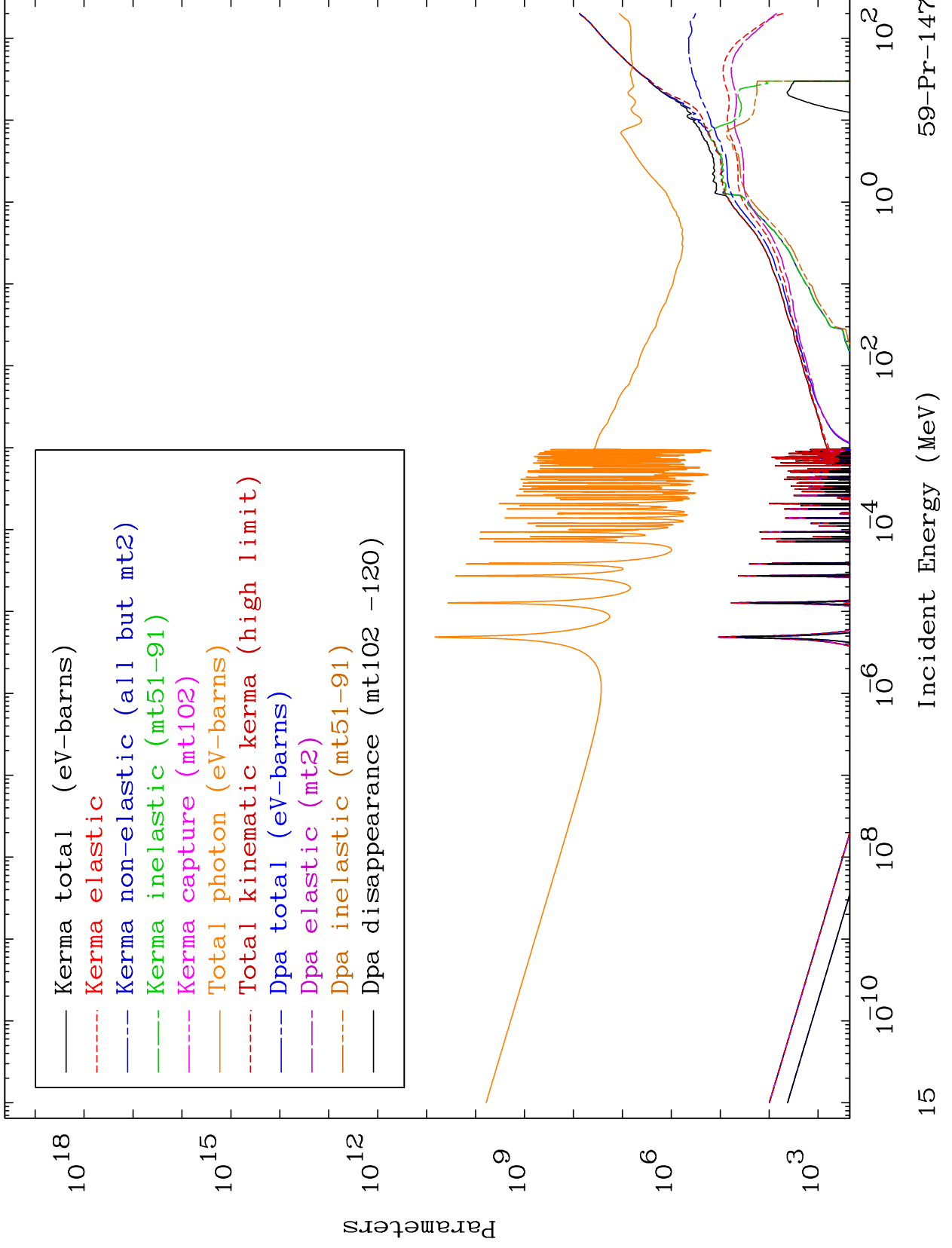
59-Pr-147

MAT 5943

(n, α) Levels
293 Kelvin Cross Sections

59-Pr-147

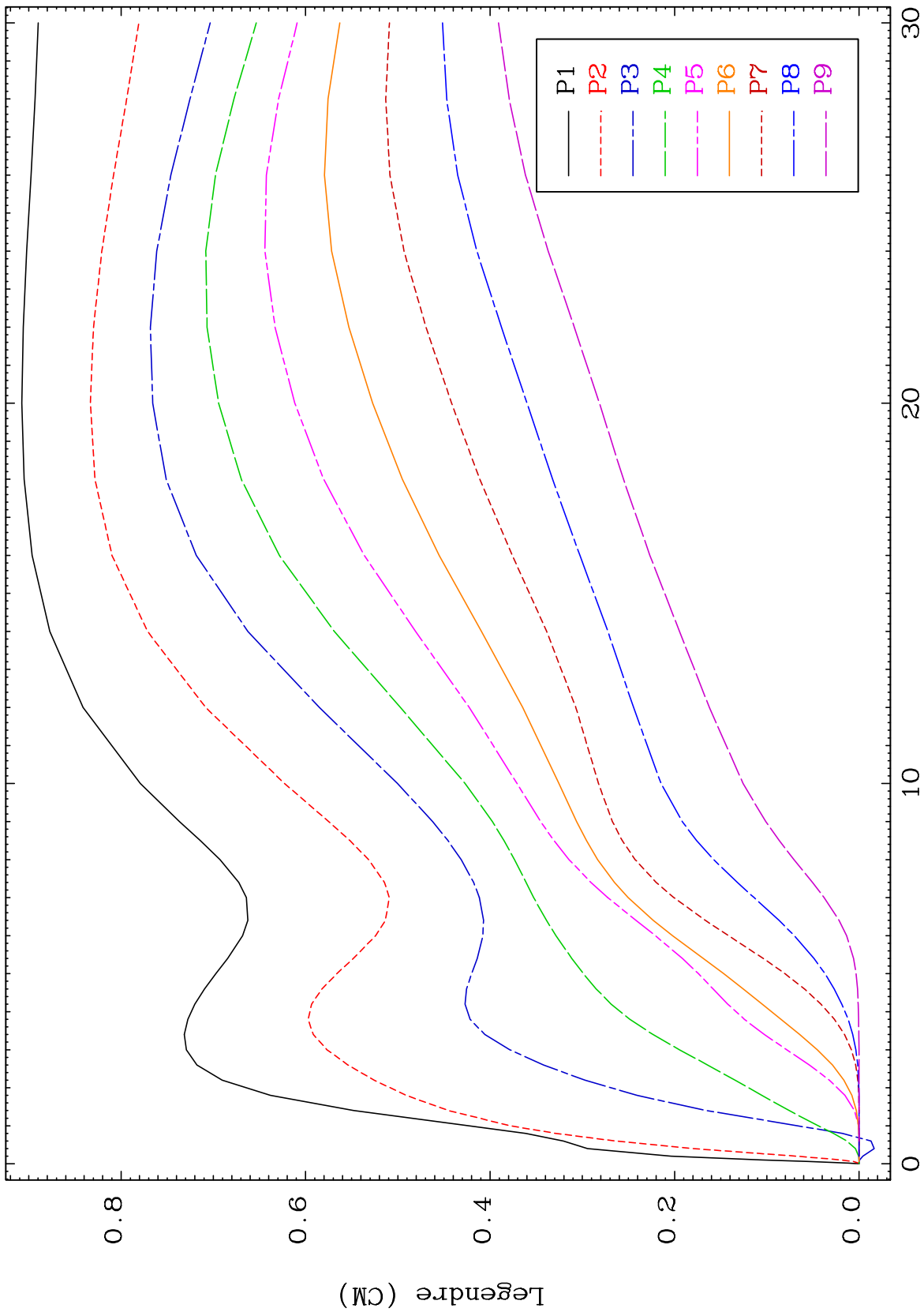




MAT 5943

Elastic Legendre Coefficients

59-Pr-147



16

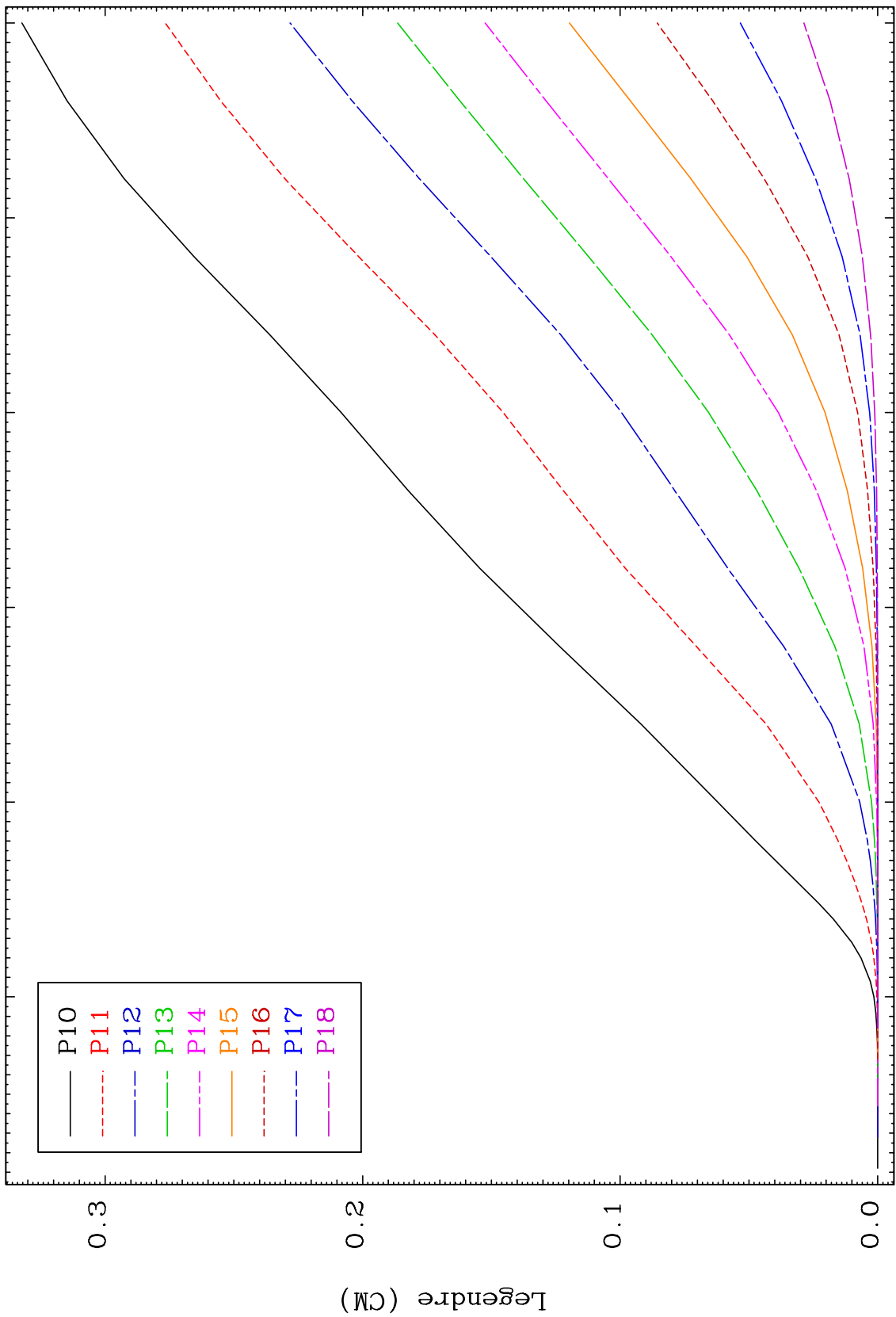
Incident Energy (MeV)

59-Pr-147

MAT 5943

Elastic Legendre Coefficients

59-Pr-147



17

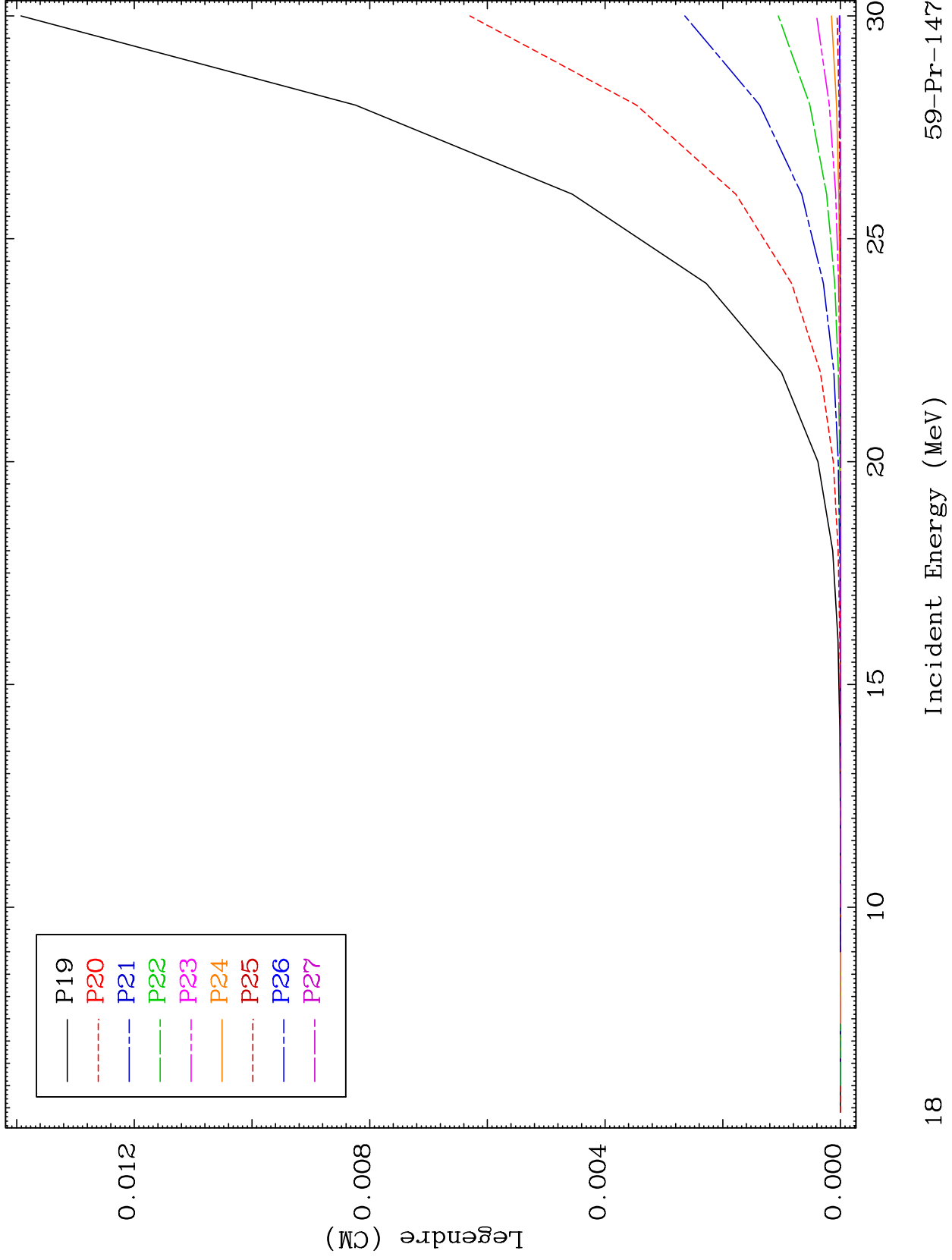
Incident Energy (MeV)

59-Pr-147

MAT 5943

Elastic Legendre Coefficients

59-Pr-147



18

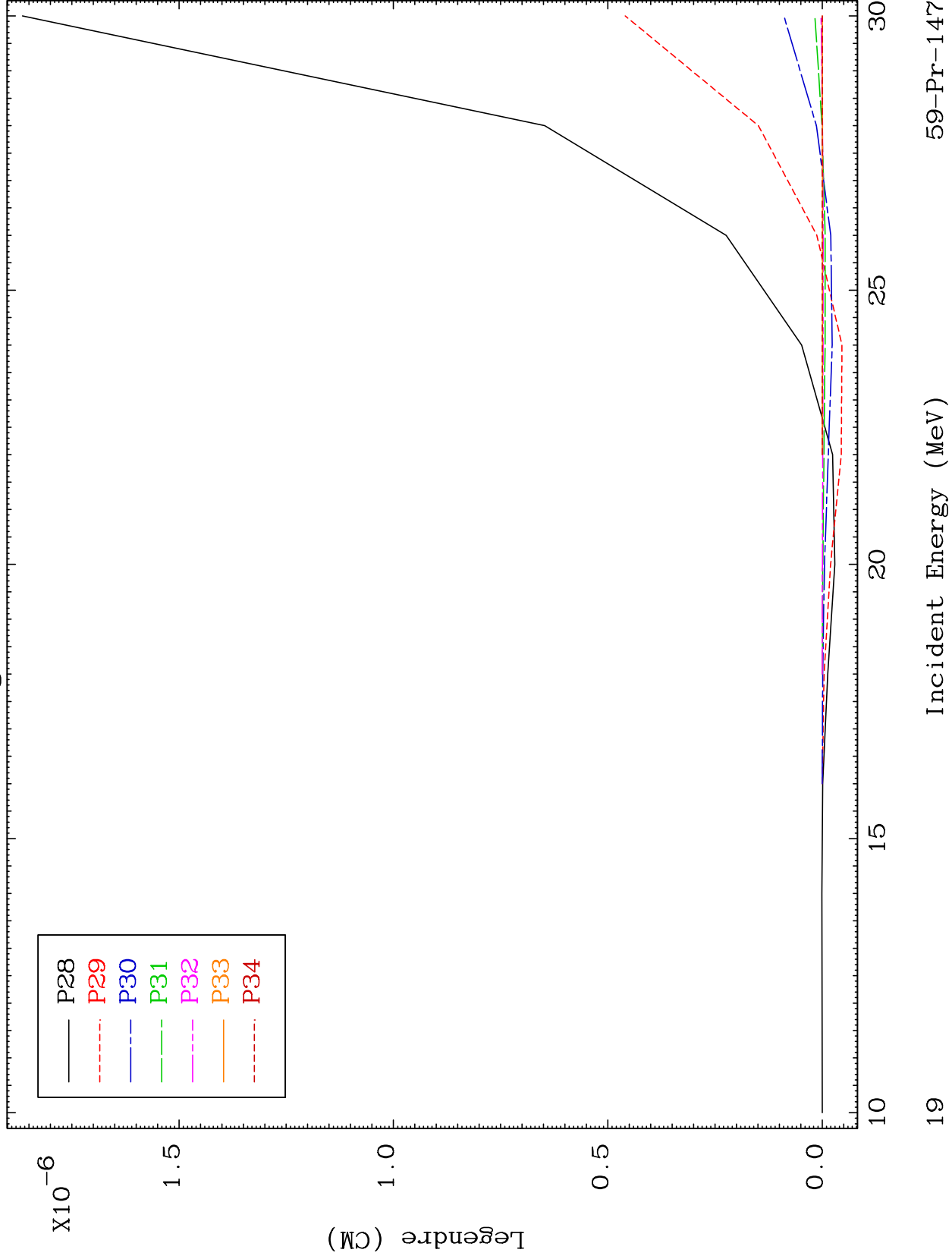
Incident Energy (MeV)

59-Pr-147

MAT 5943

Elastic Legendre Coefficients

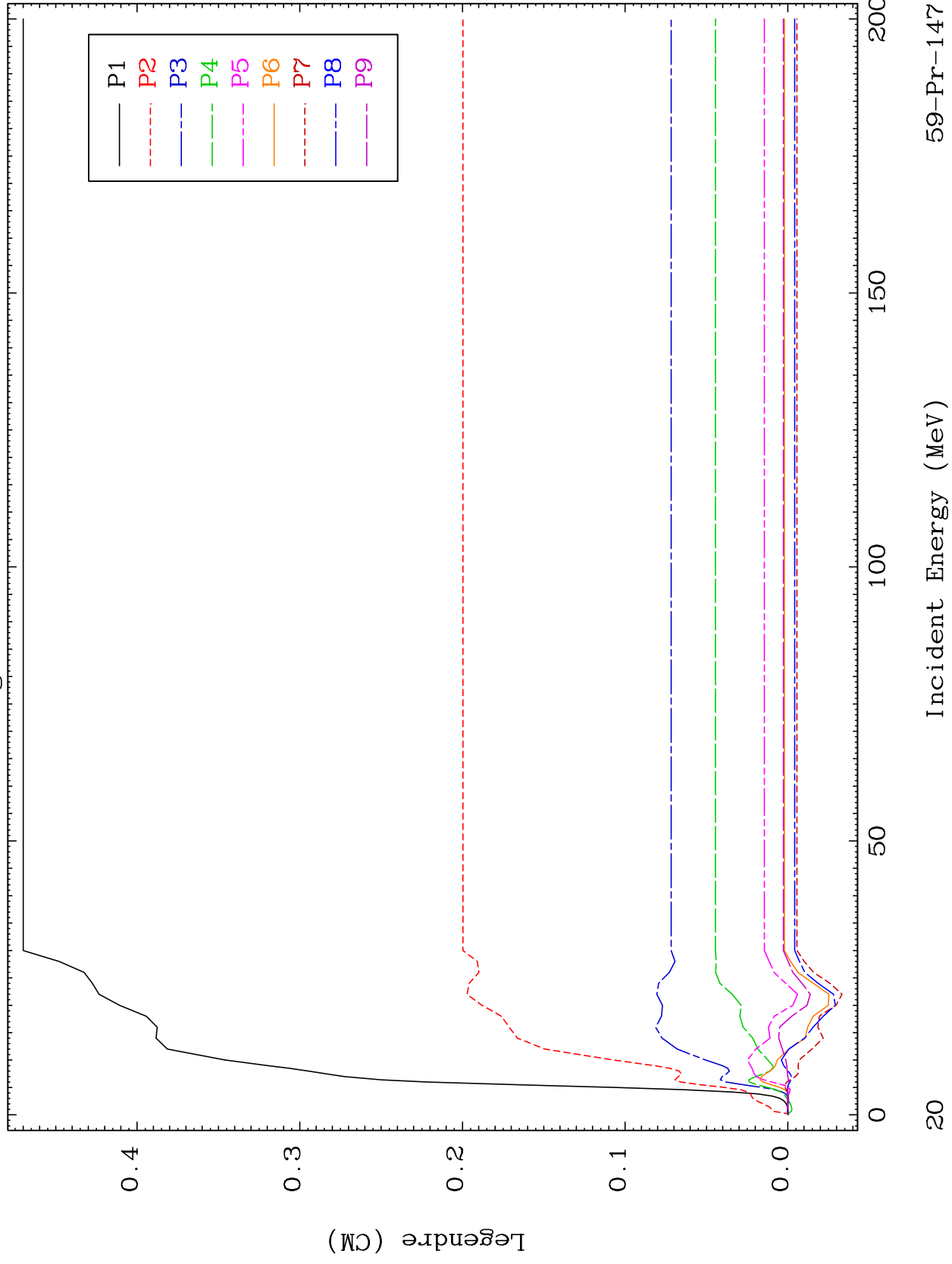
59-Pr-147



MAT 5943

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

59-Pr-147



59-Pr-147

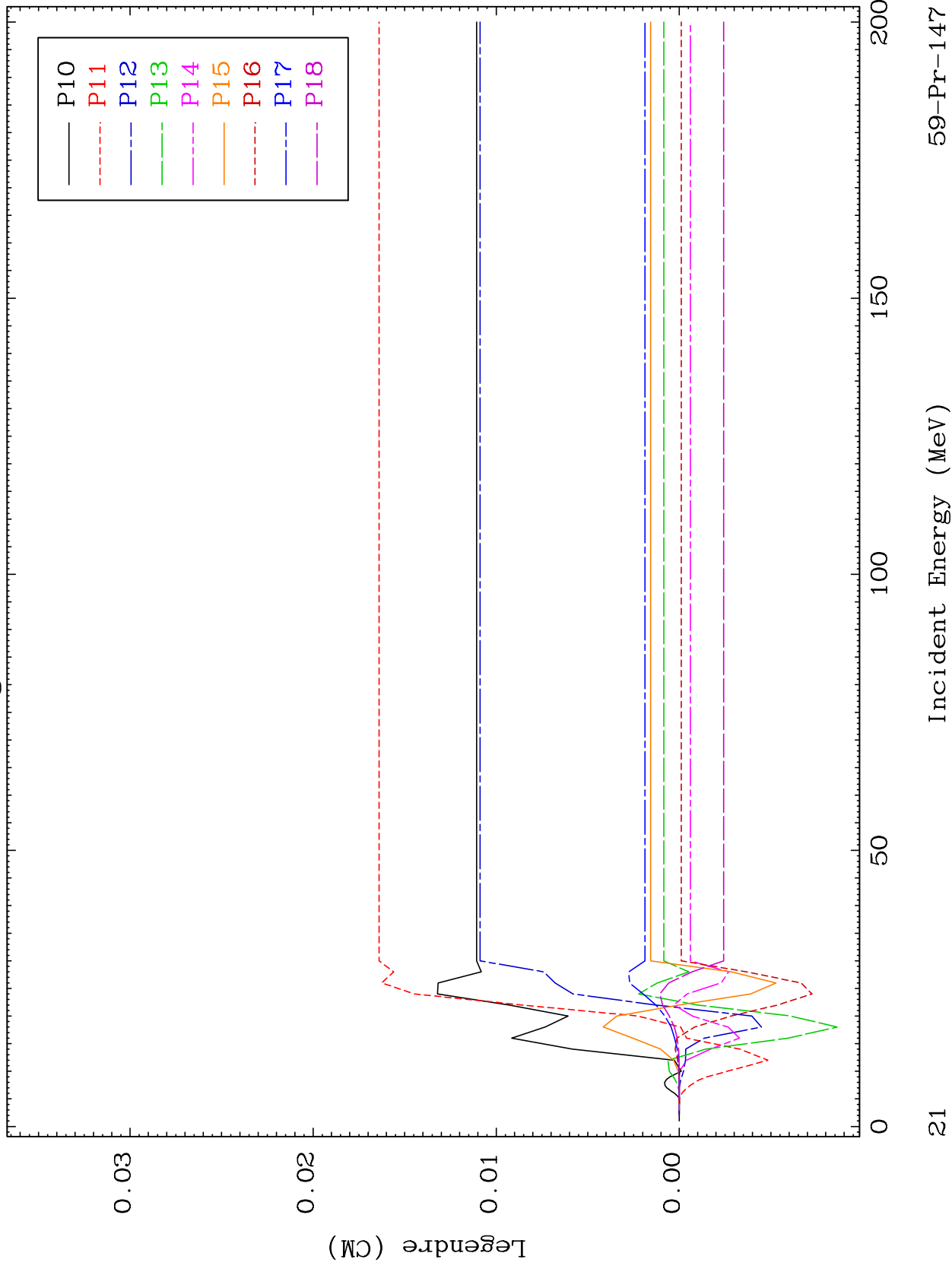
Incident Energy (MeV)

20

MAT 5943

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

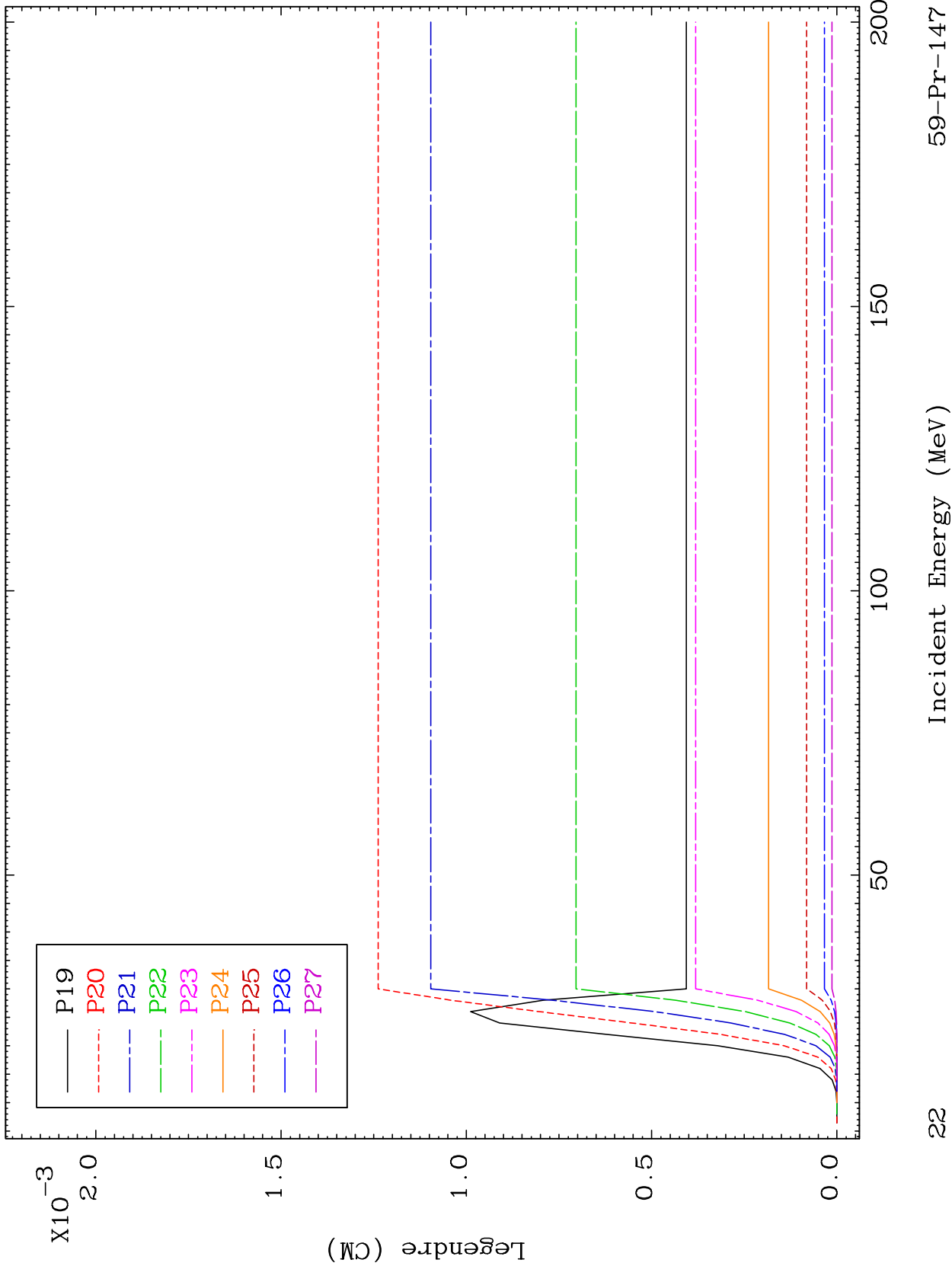
59-Pr-147



21

Incident Energy (MeV)

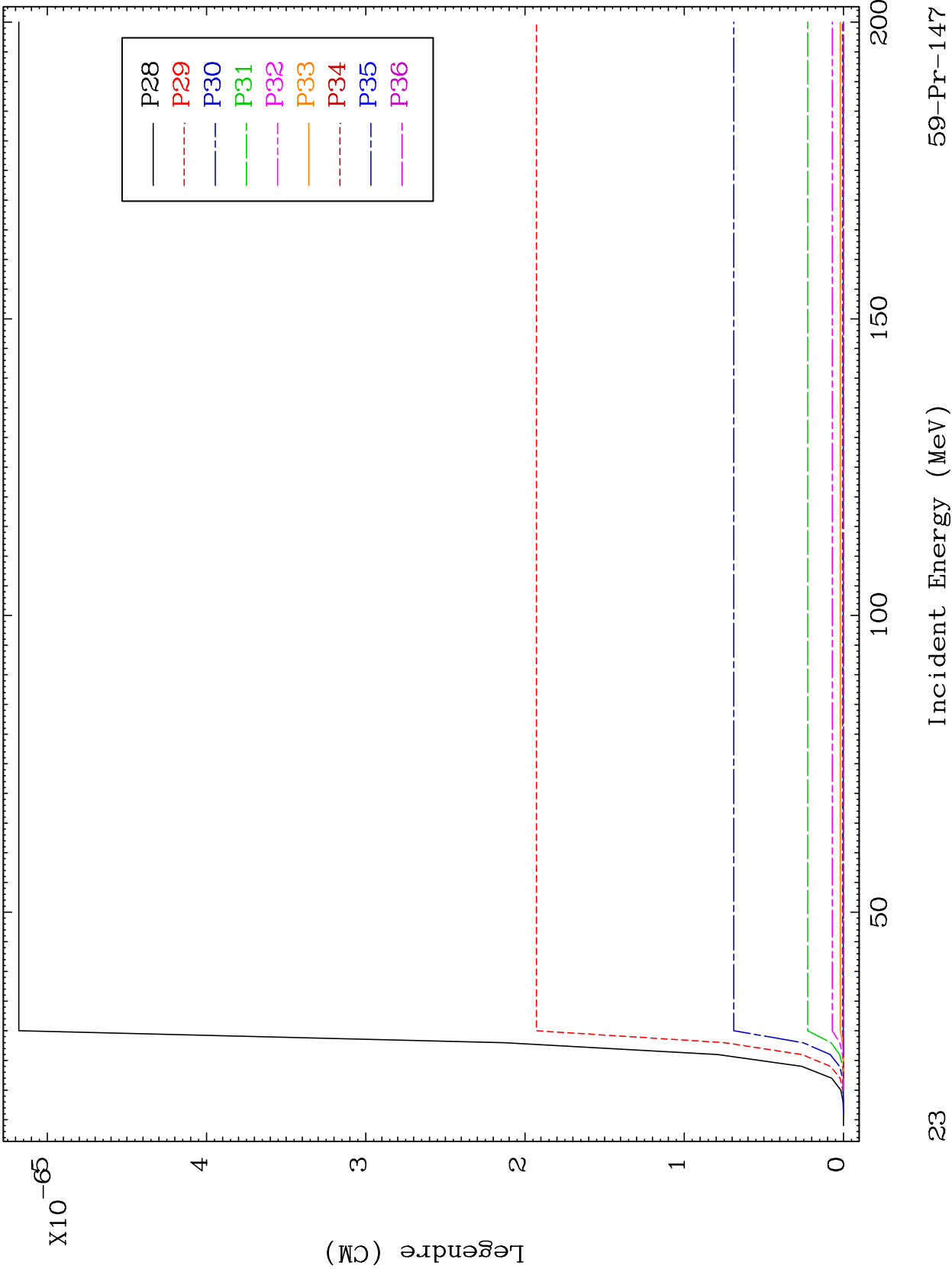
59-Pr-147



MAT 5943

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

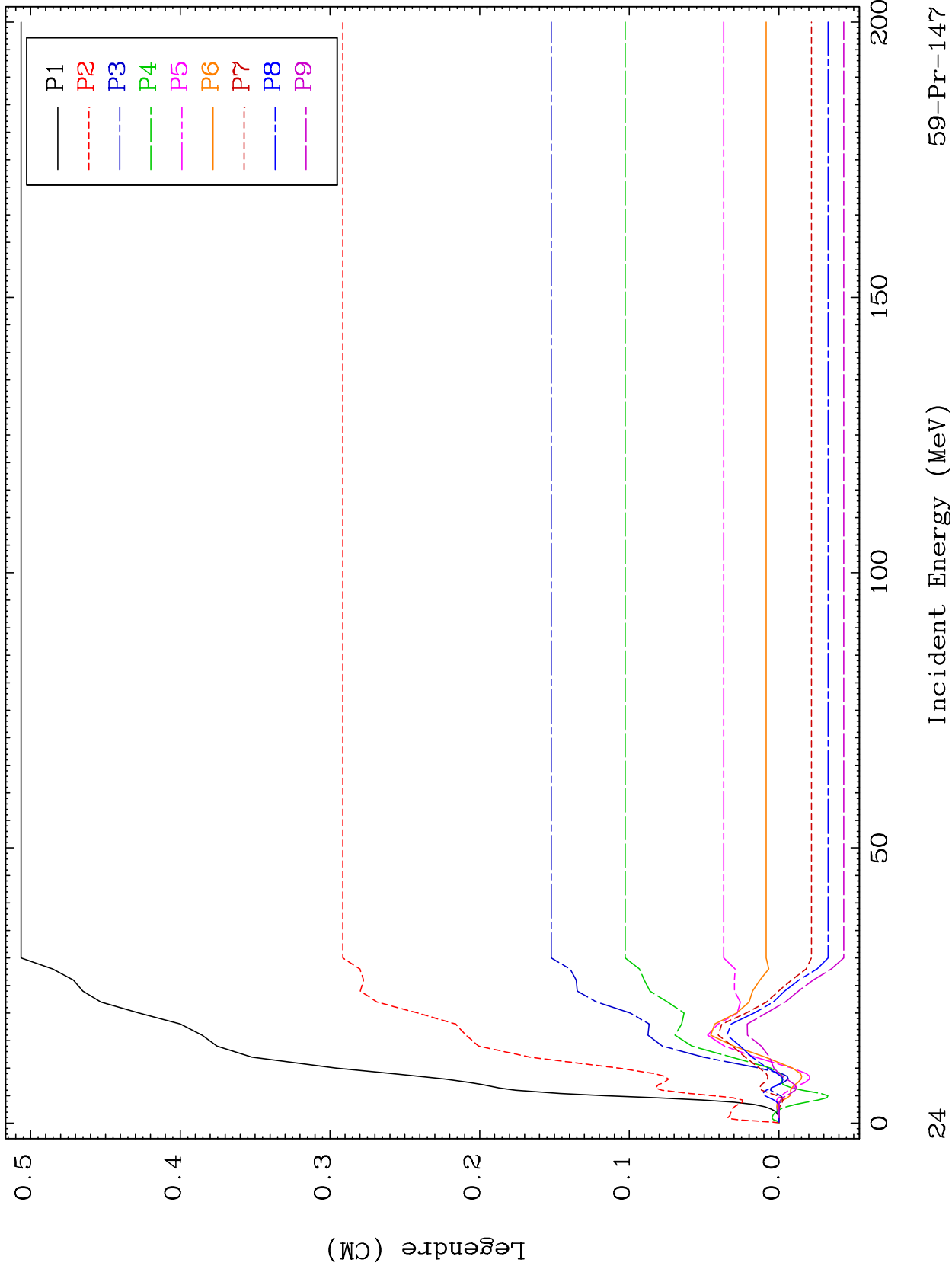
59-Pr-147



MAT 5943

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

59-Pr-147



59-Pr-147

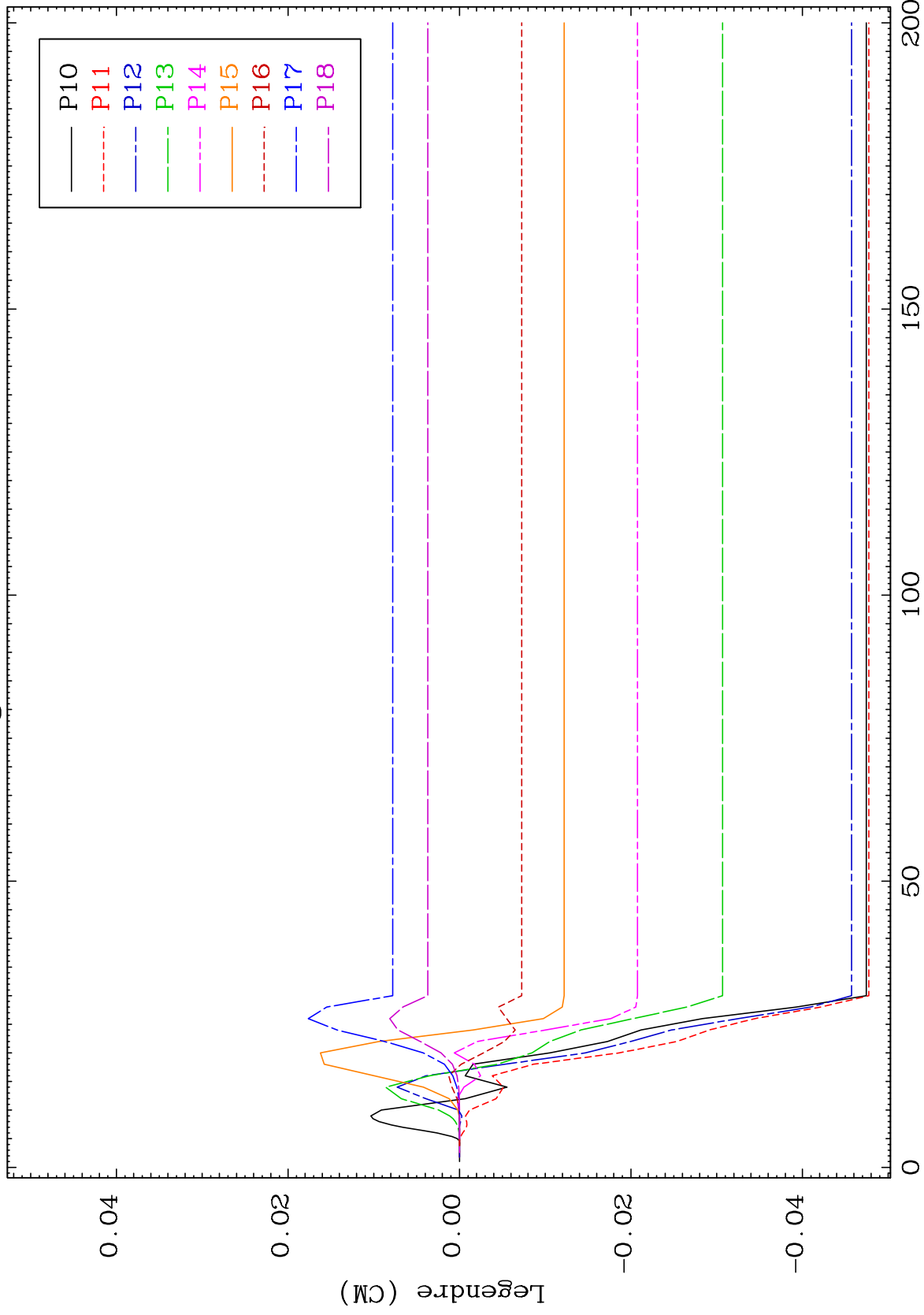
Incident Energy (MeV)

24

MAT 5943

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

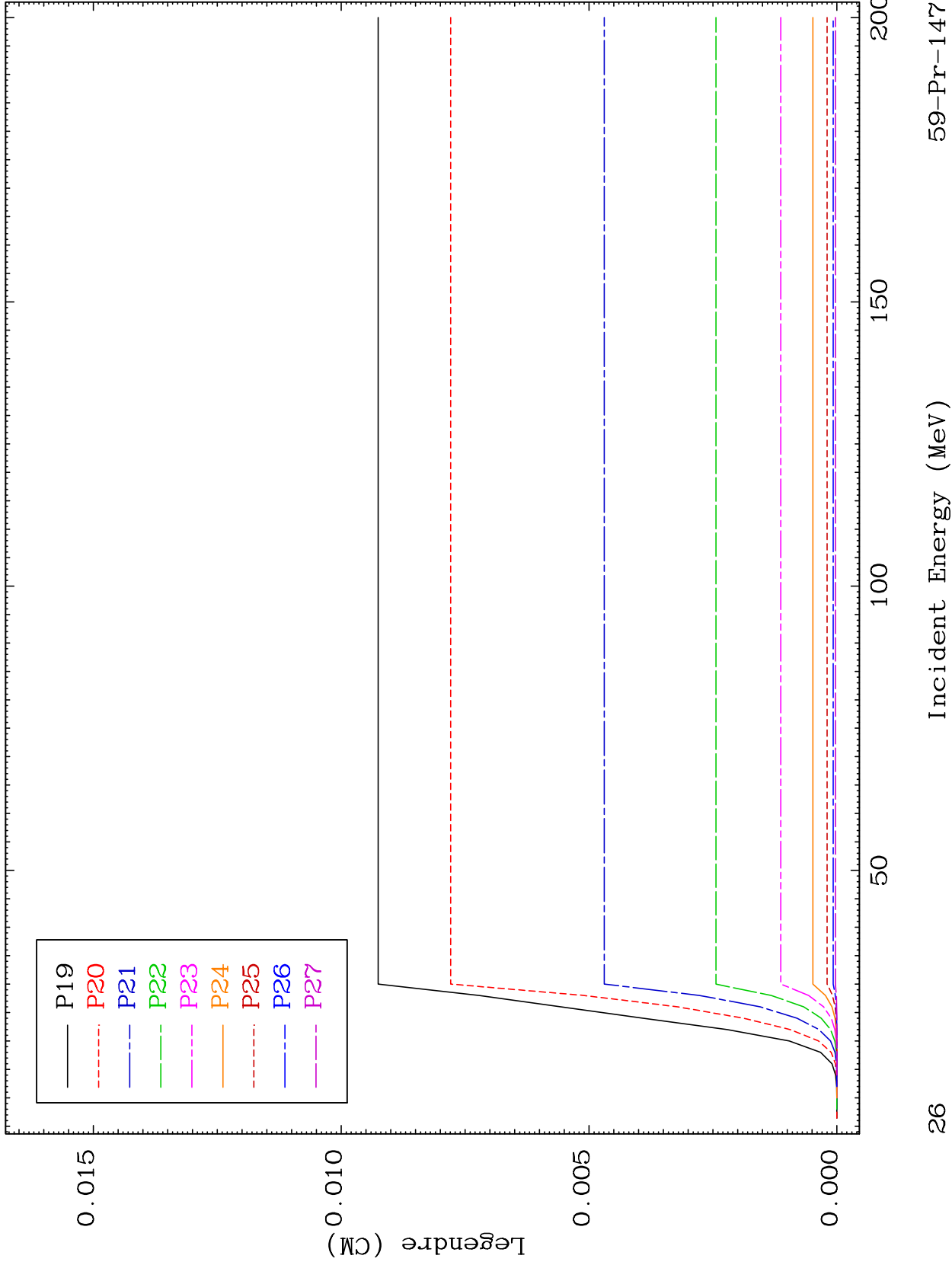
59-Pr-147



59-Pr-147

Incident Energy (MeV)

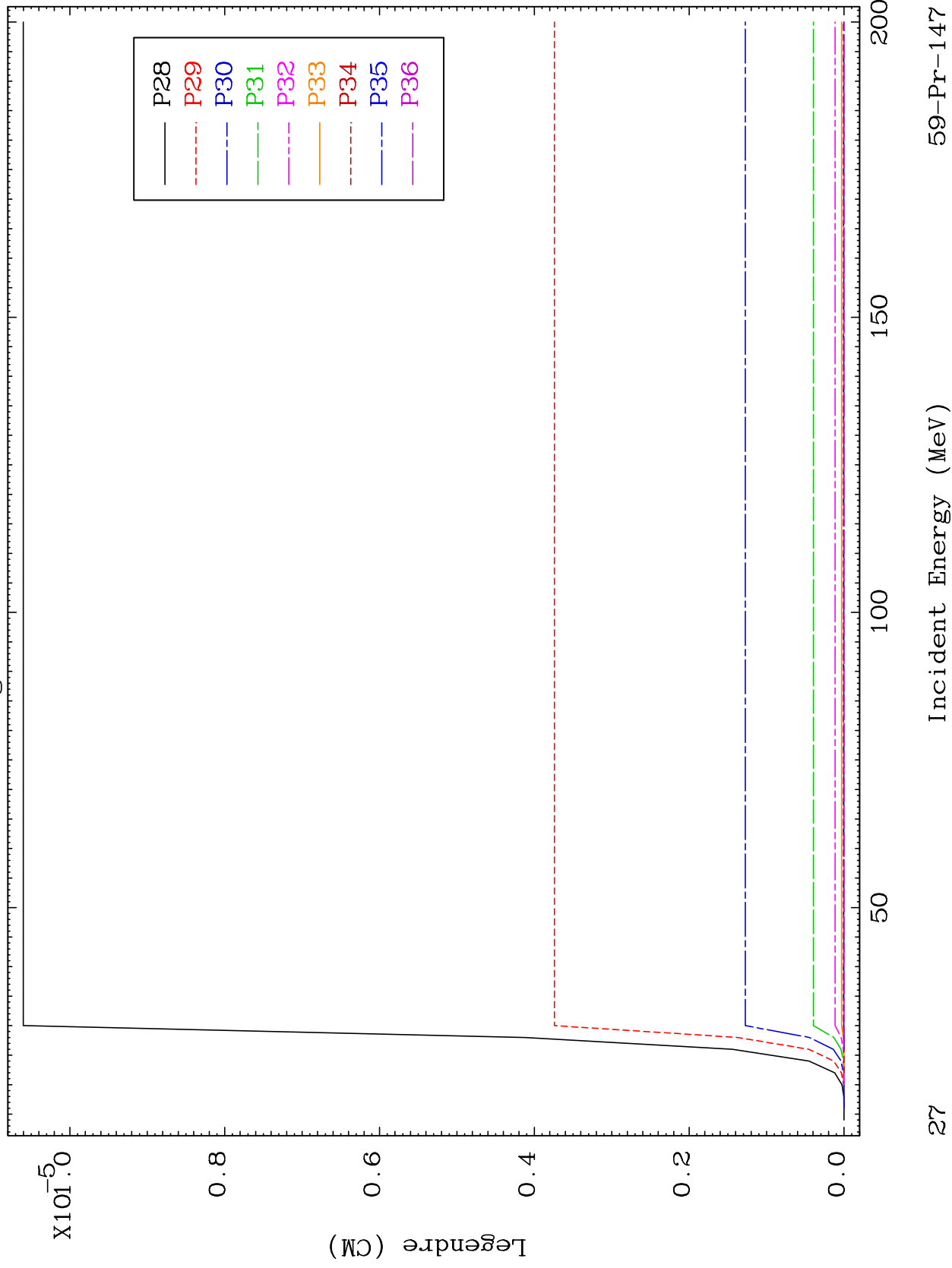
25



MAT 5943

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

59-Pr-147



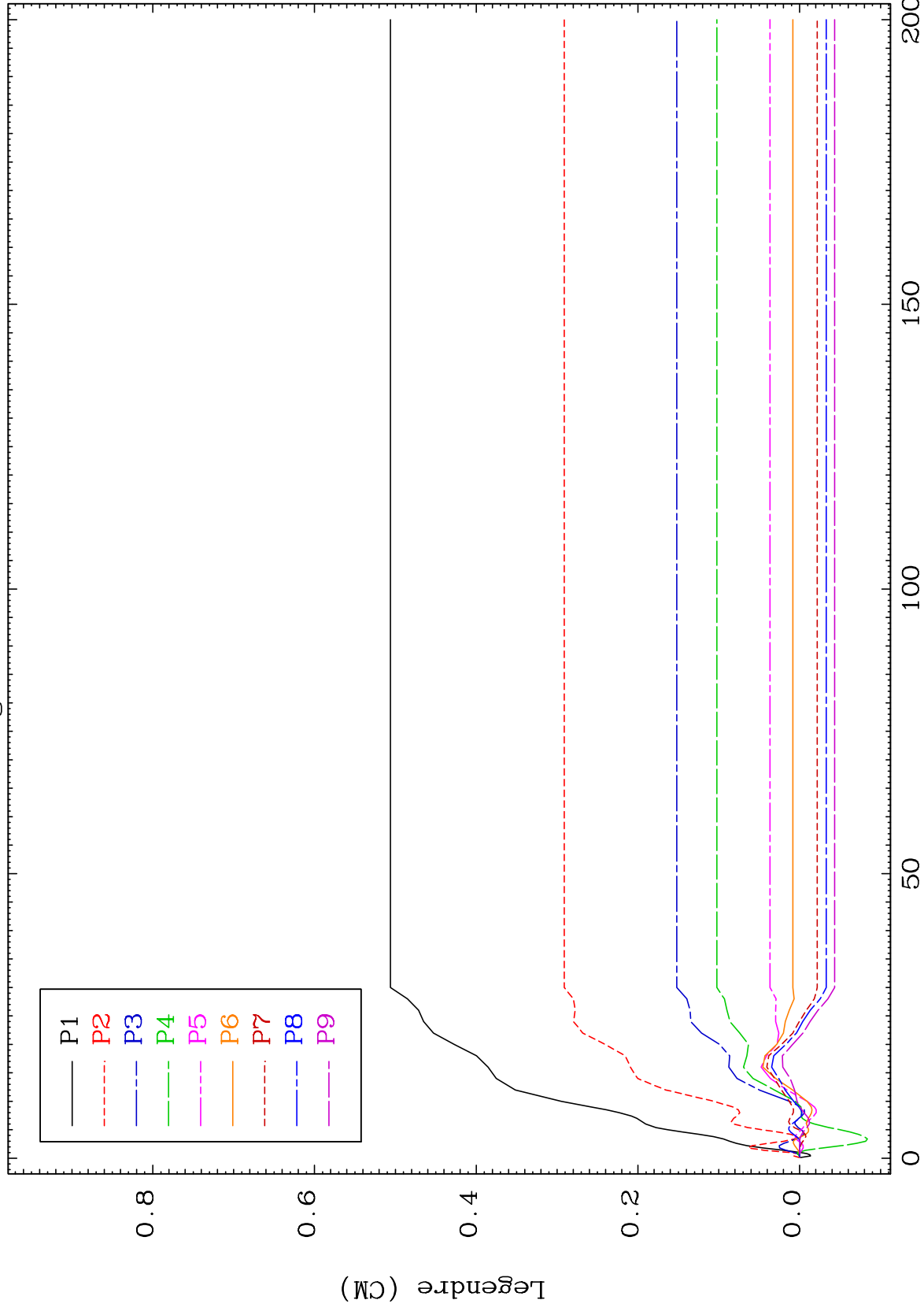
27

59-Pr-147

MAT 5943

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

59-Pr-147



28

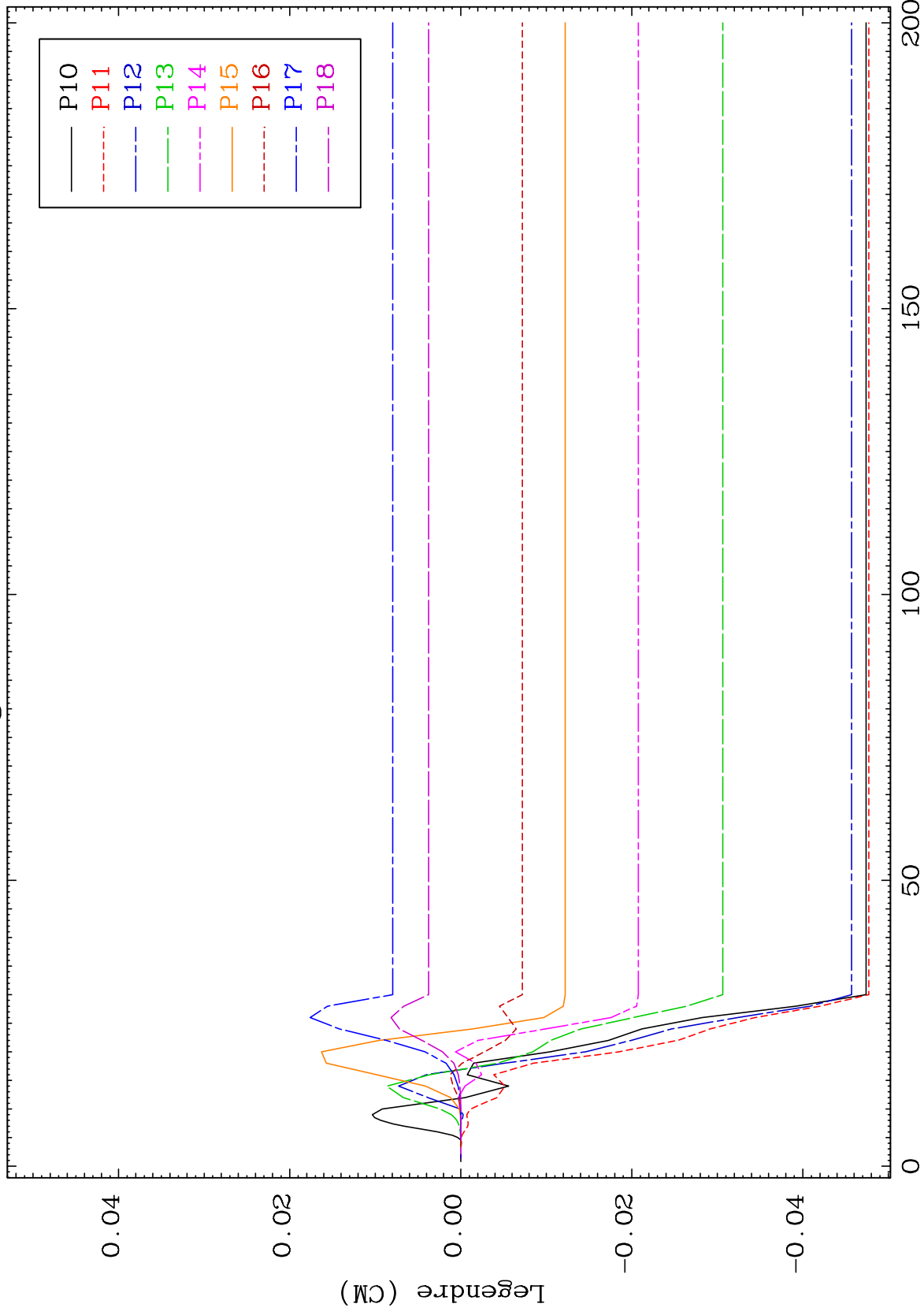
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



29

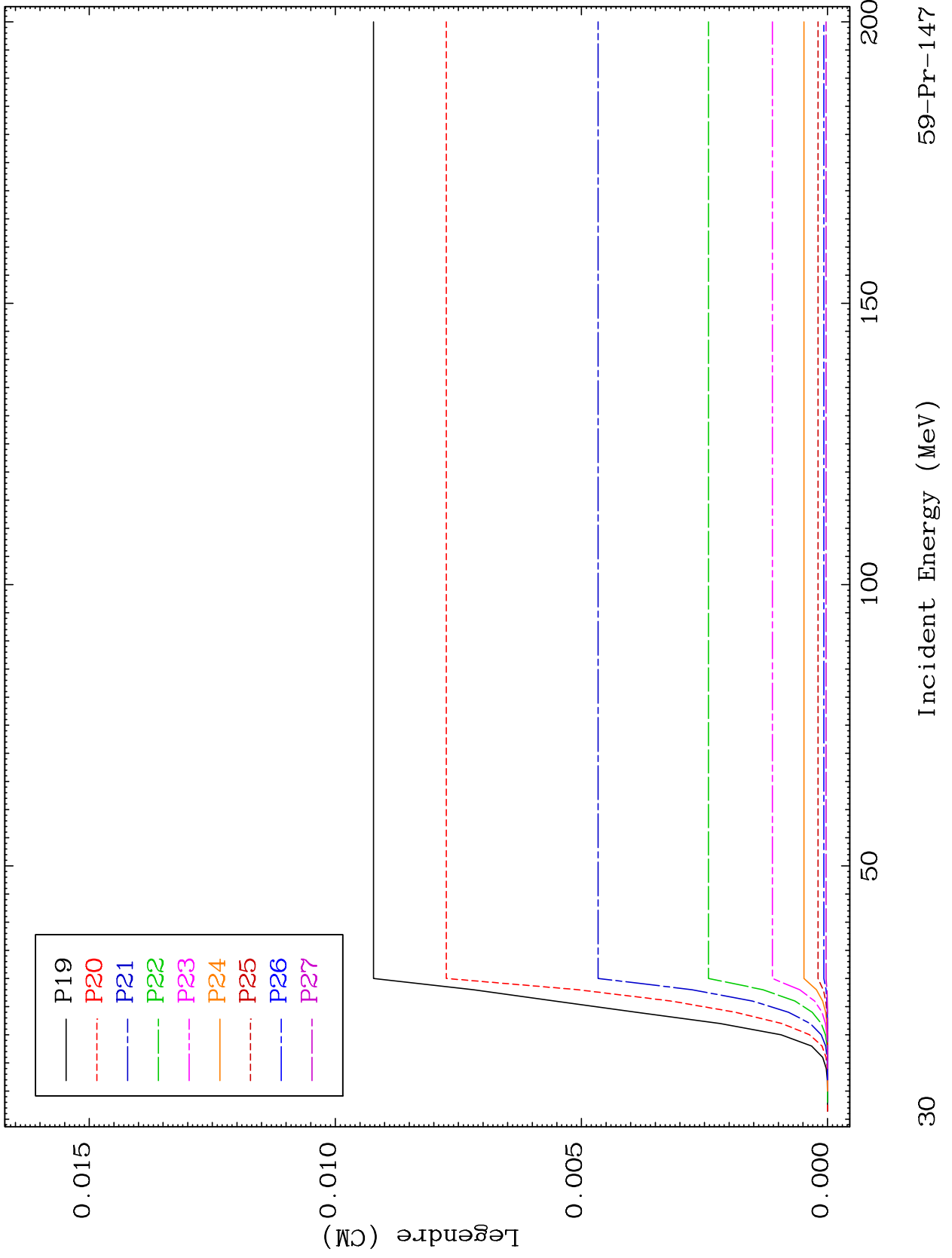
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

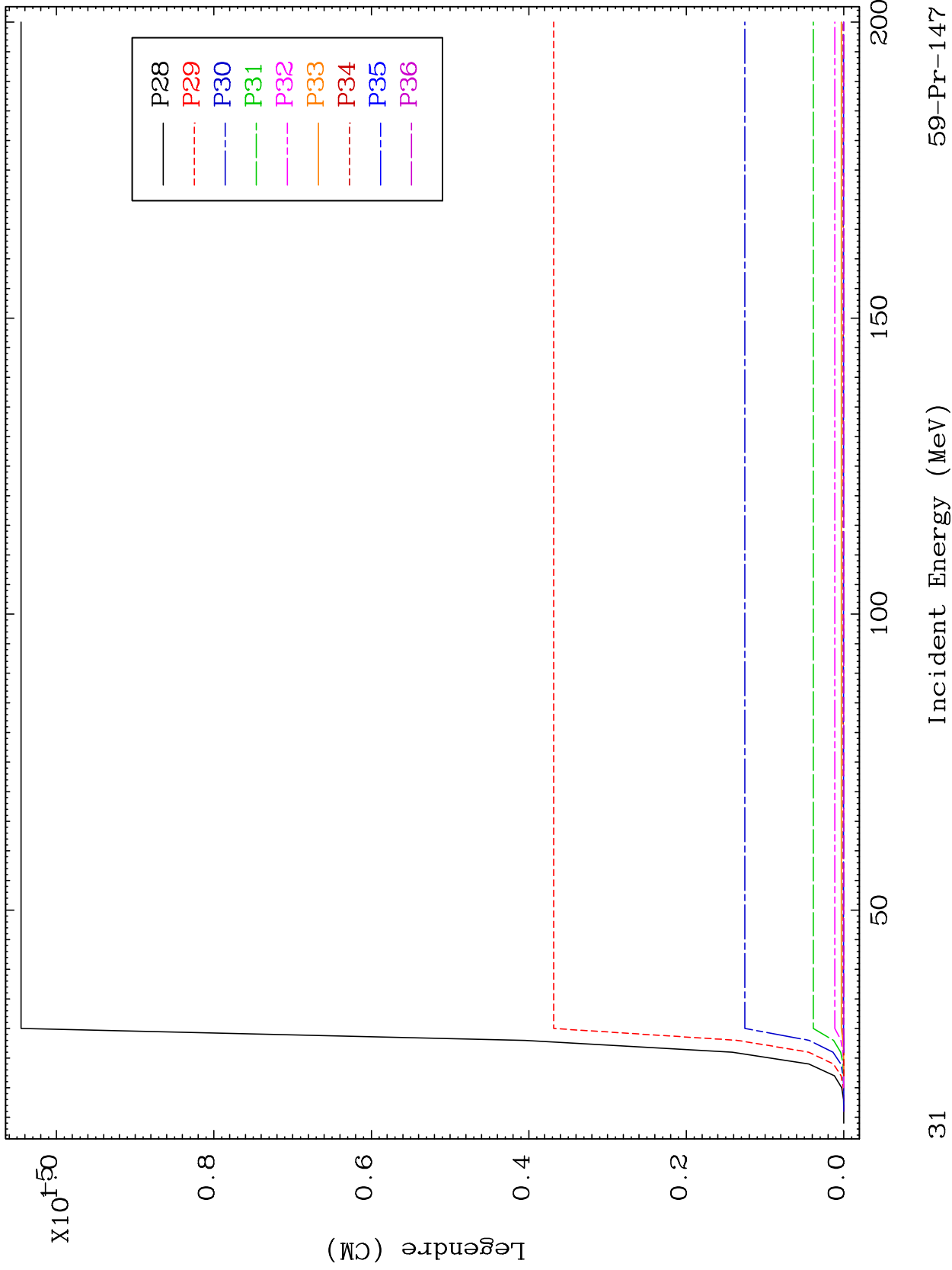
59-Pr-147



59-Pr-147

Incident Energy (MeV)

30

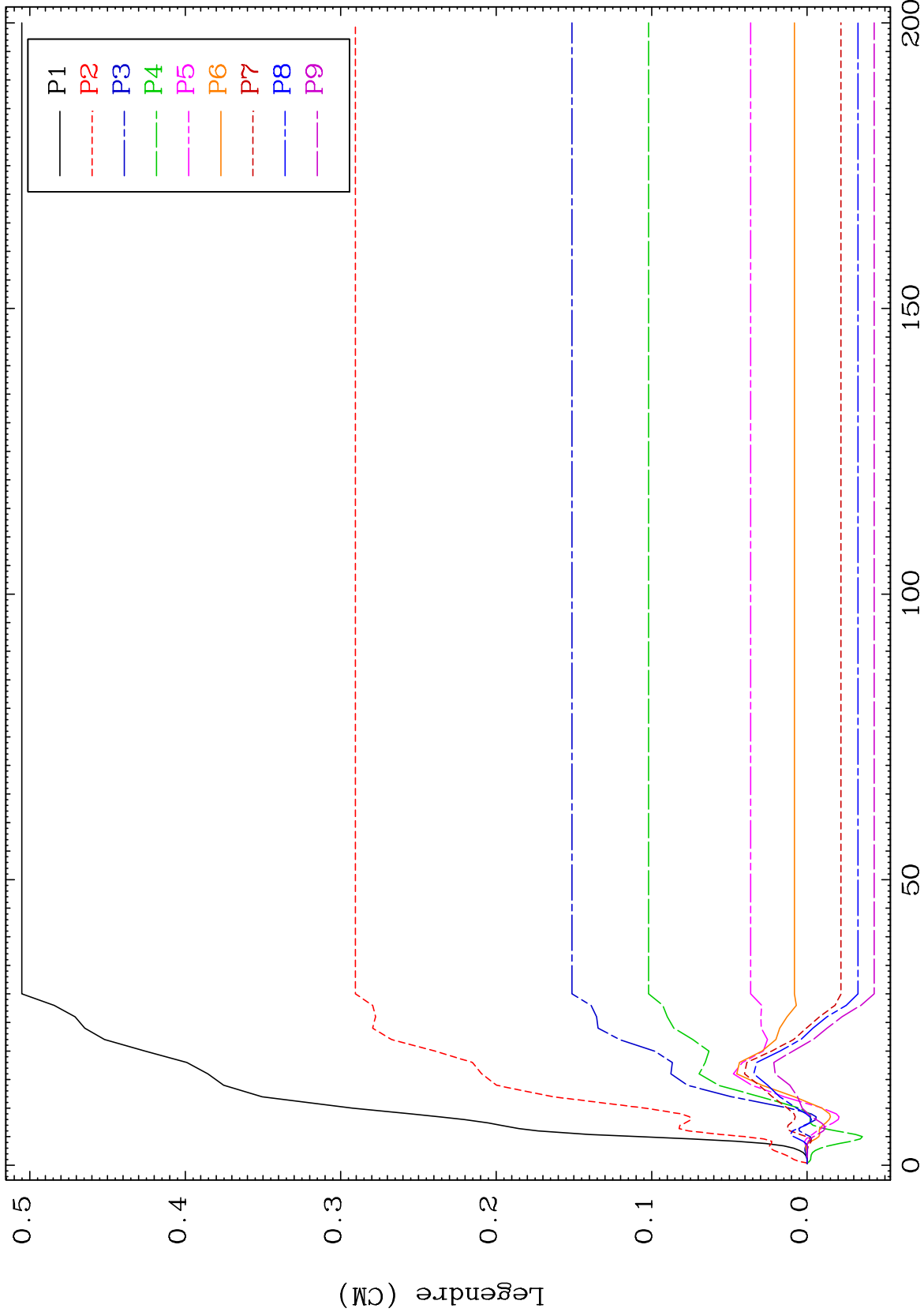


MAT 5943

MT= 54 (n,n') Level

59-Pr-147

Legendre Coefficients



32

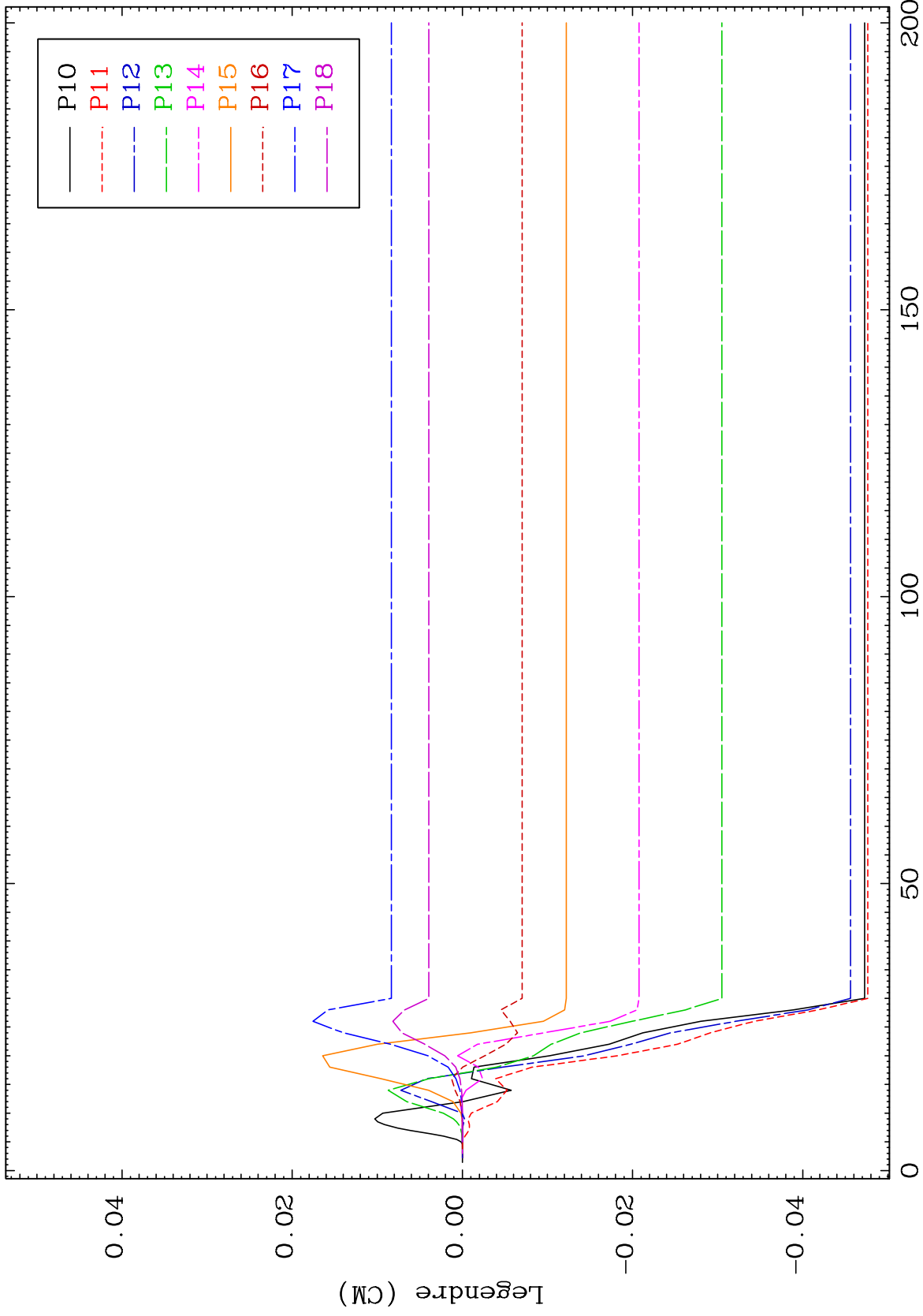
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

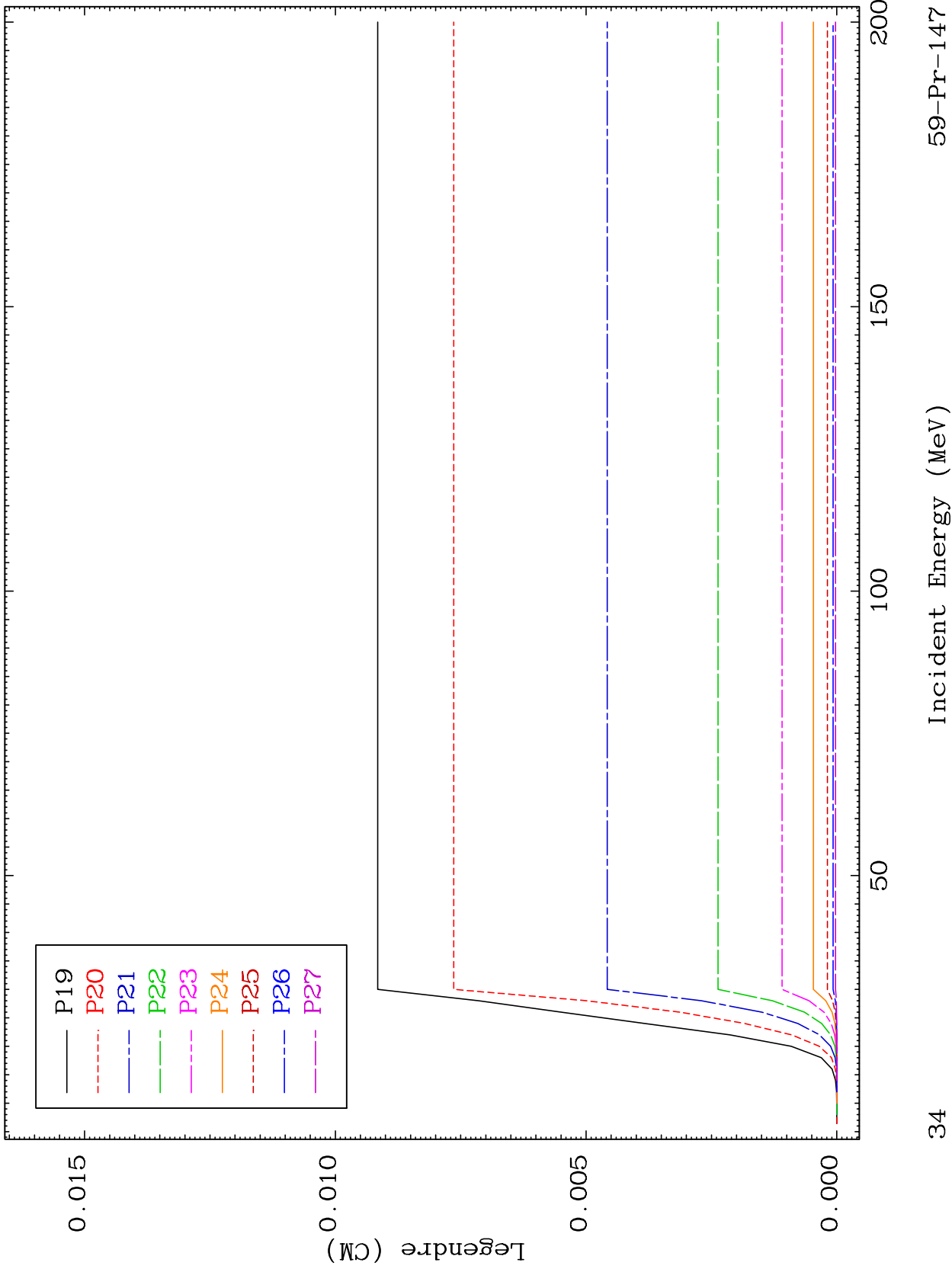
59-Pr-147



33

Incident Energy (MeV)

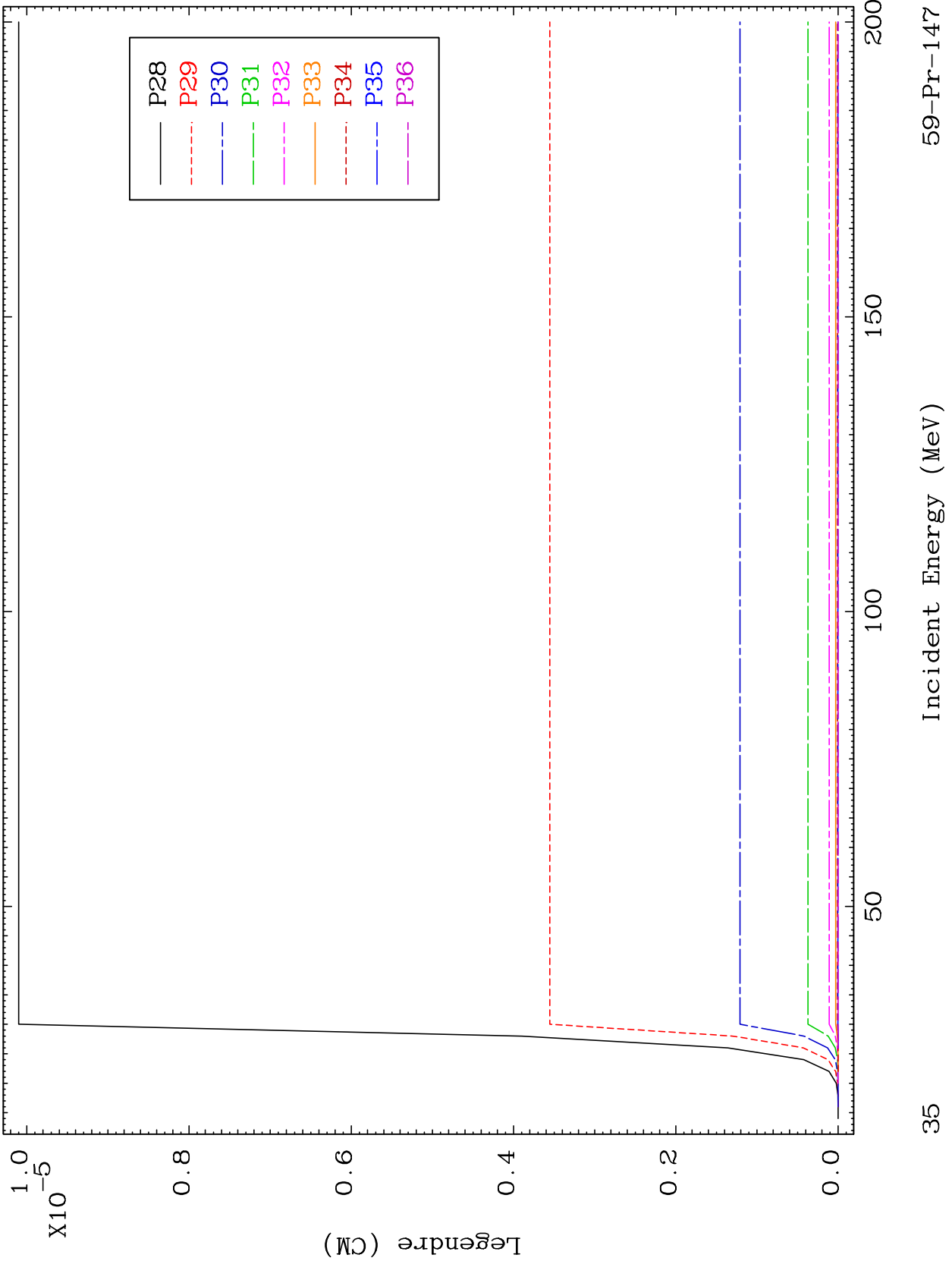
59-Pr-147



MAT 5943

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

59-Pr-147



59-Pr-147

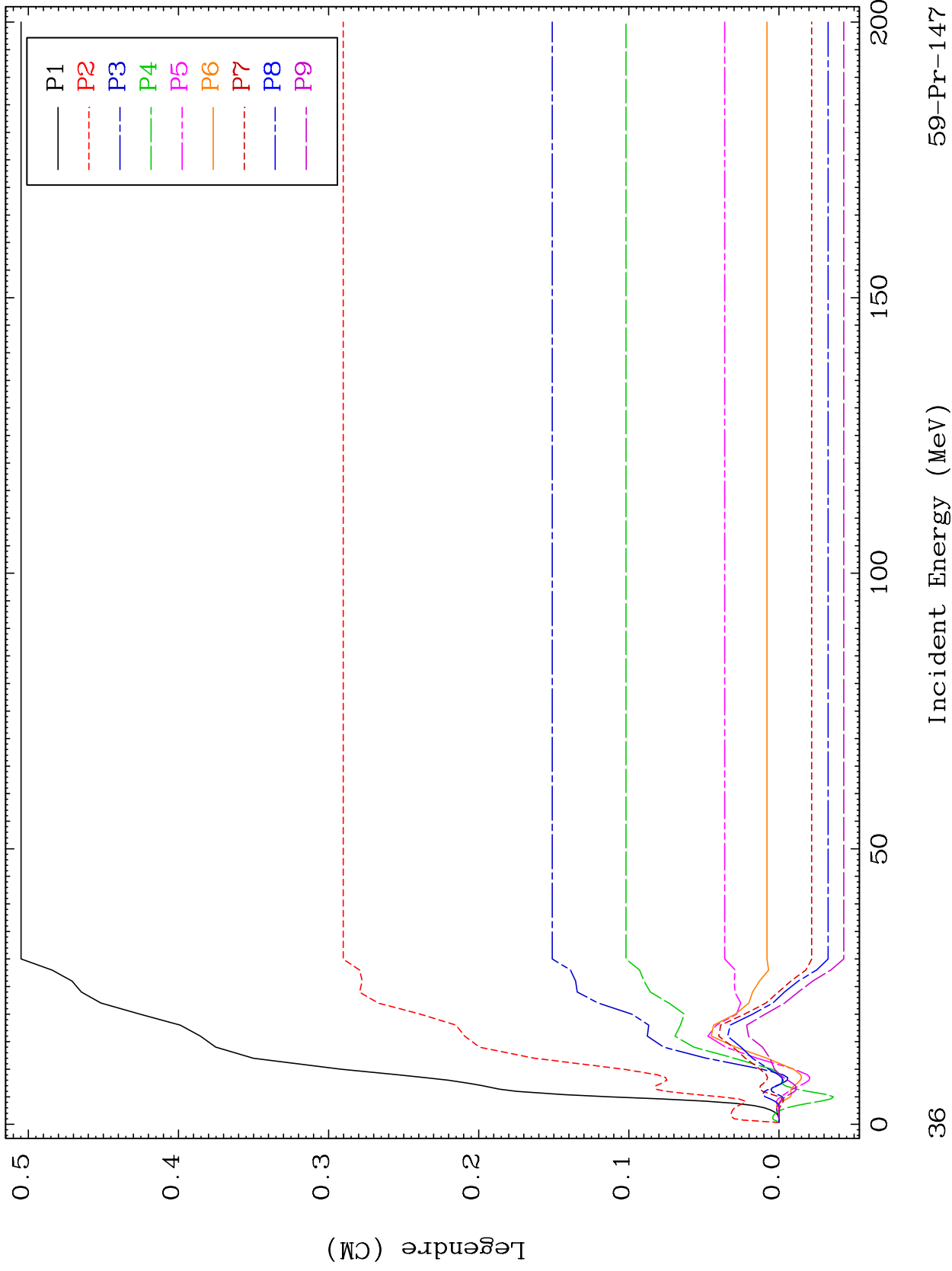
Incident Energy (MeV)

35

MAT 5943

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

59-Pr-147



59-Pr-147

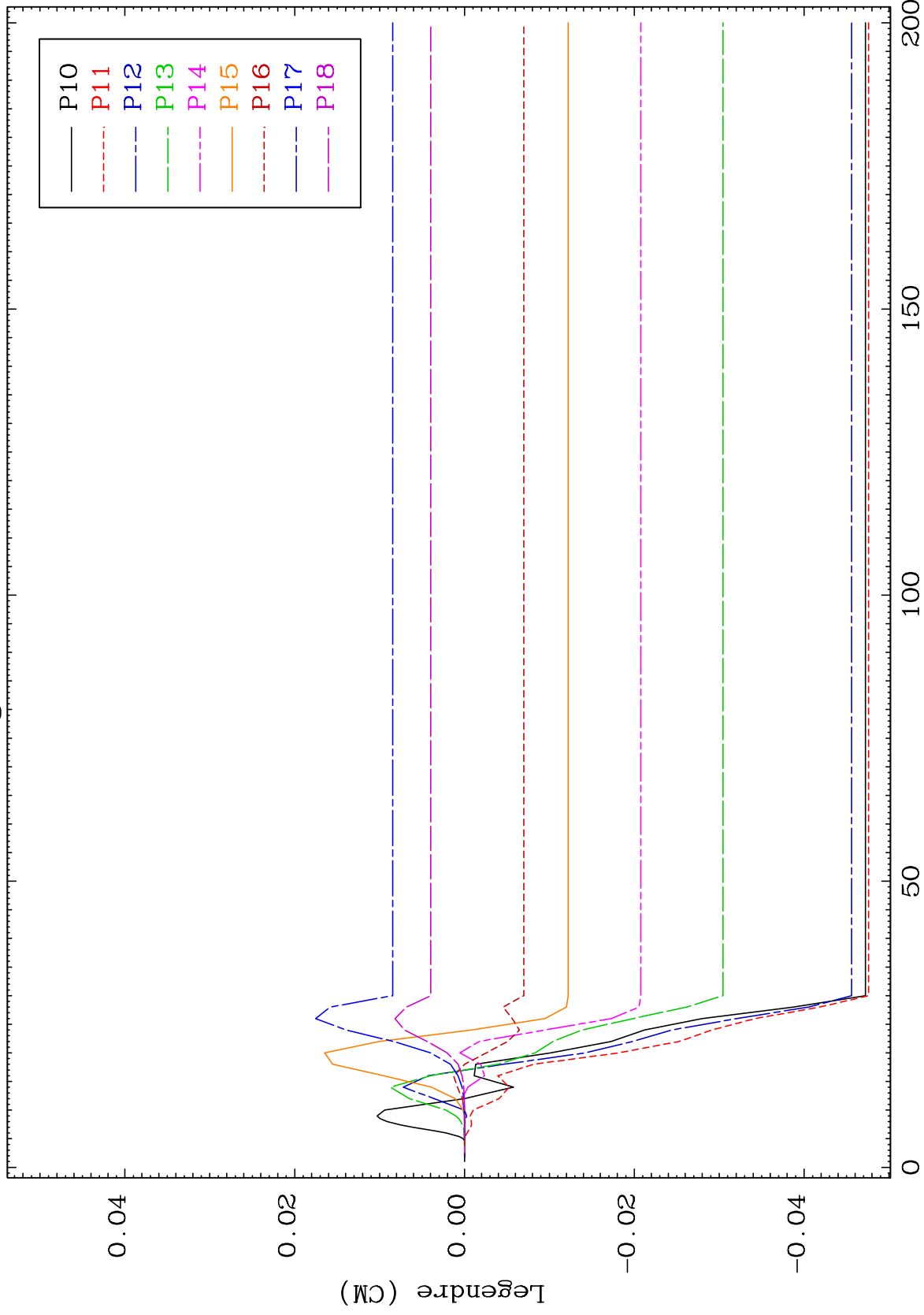
Incident Energy (MeV)

36

MAT 5943

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

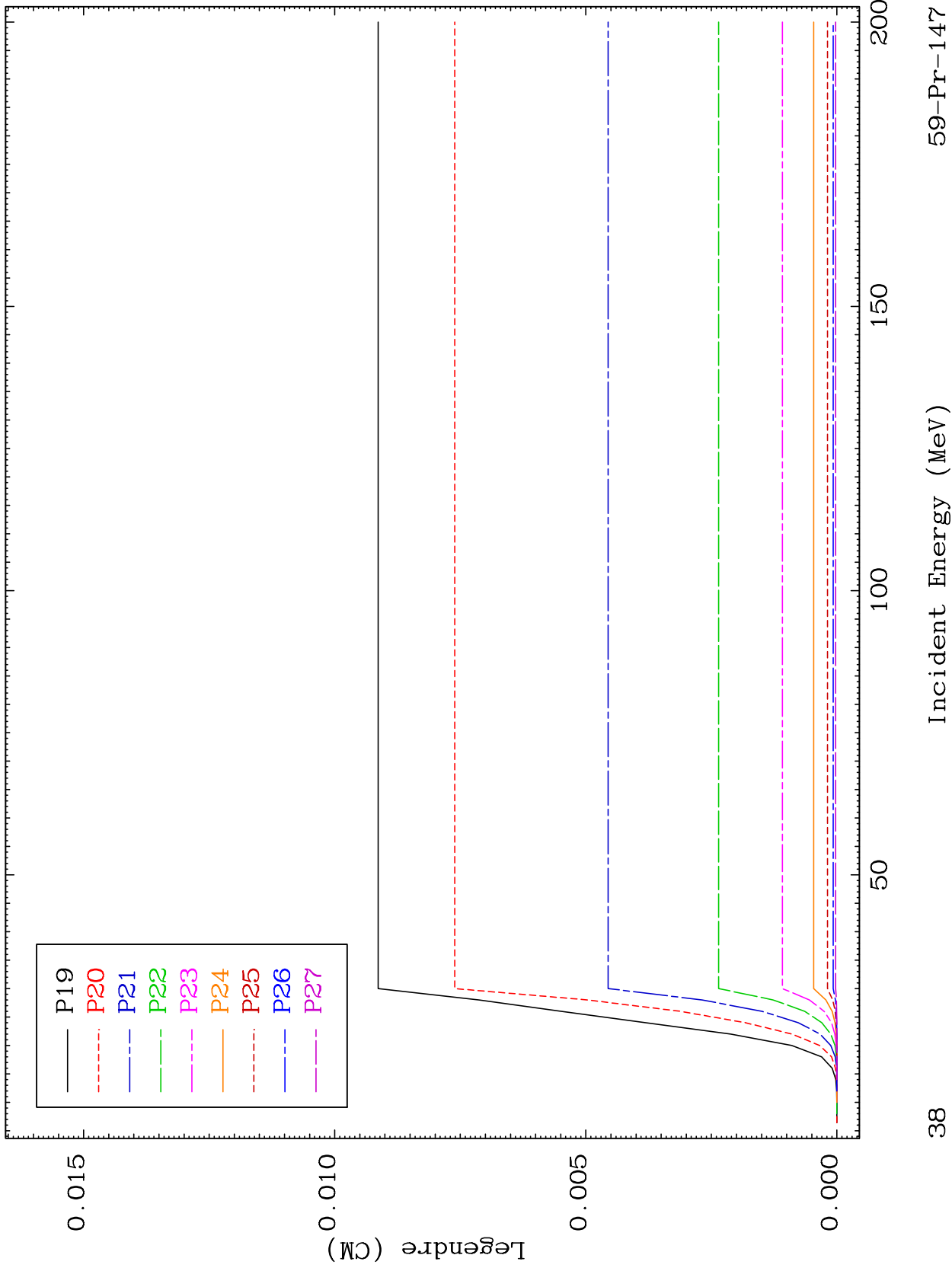
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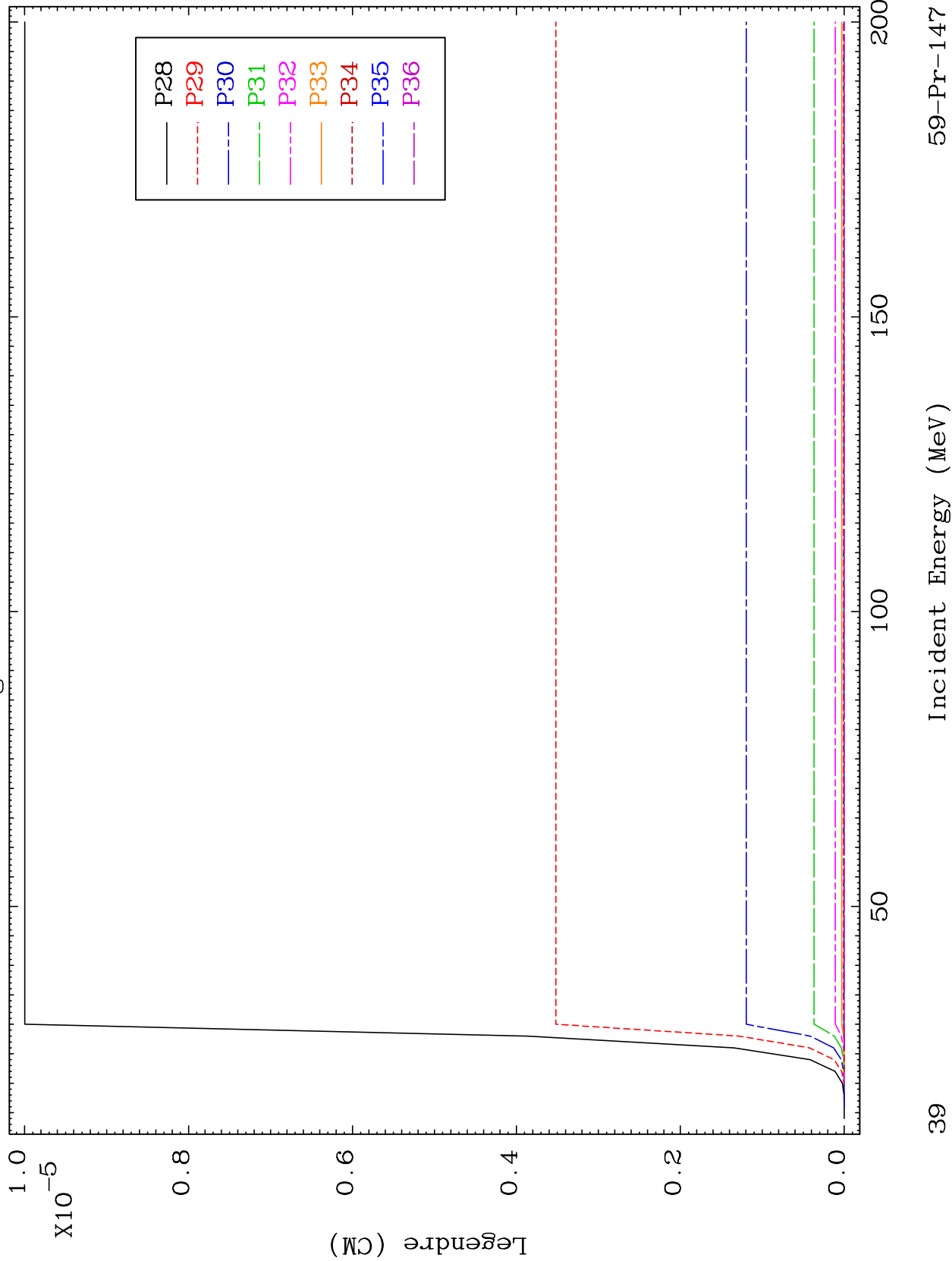


37

Incident Energy (MeV)

59-Pr-147

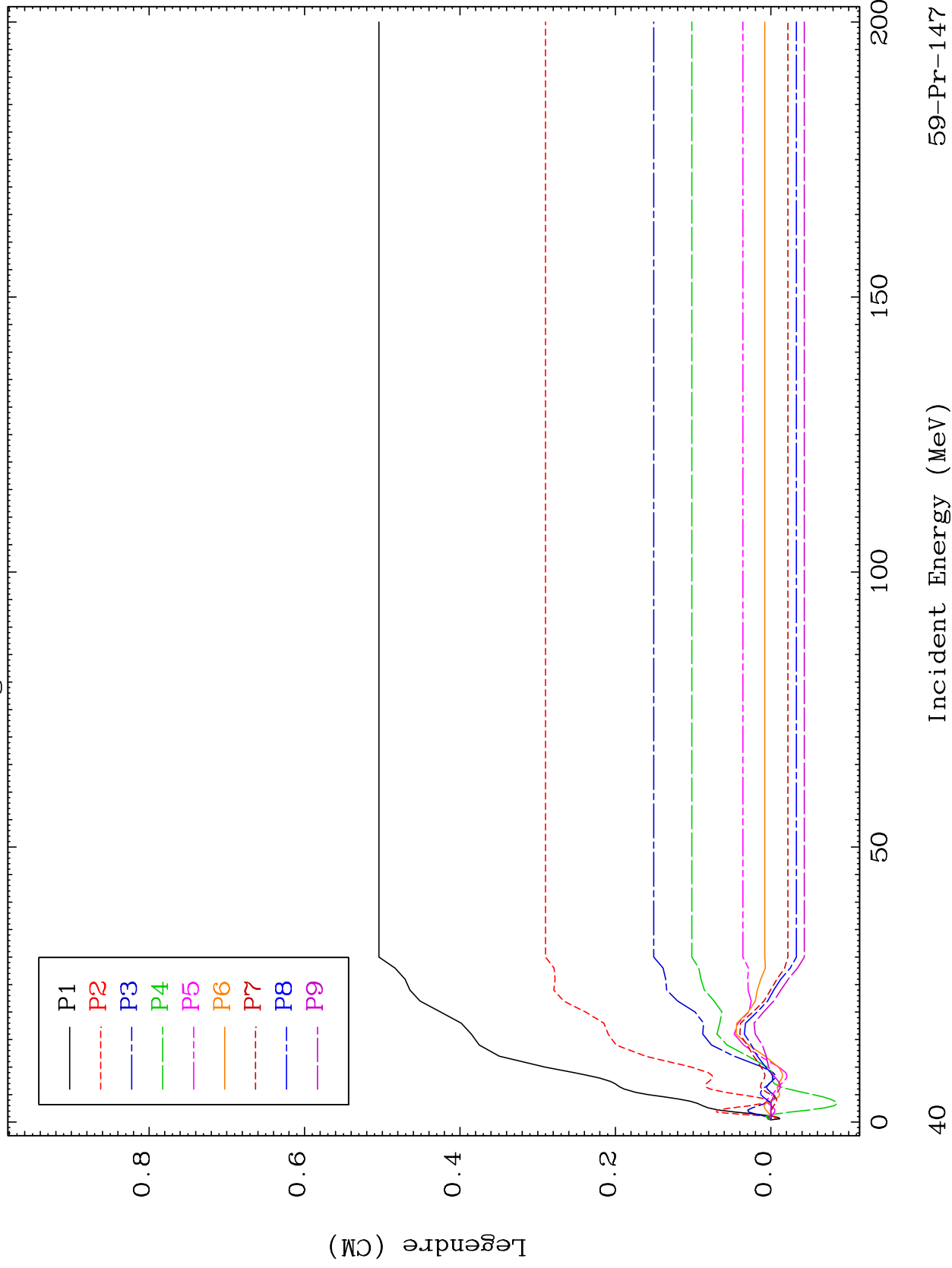




MAT 5943

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

59-Pr-147



59-Pr-147

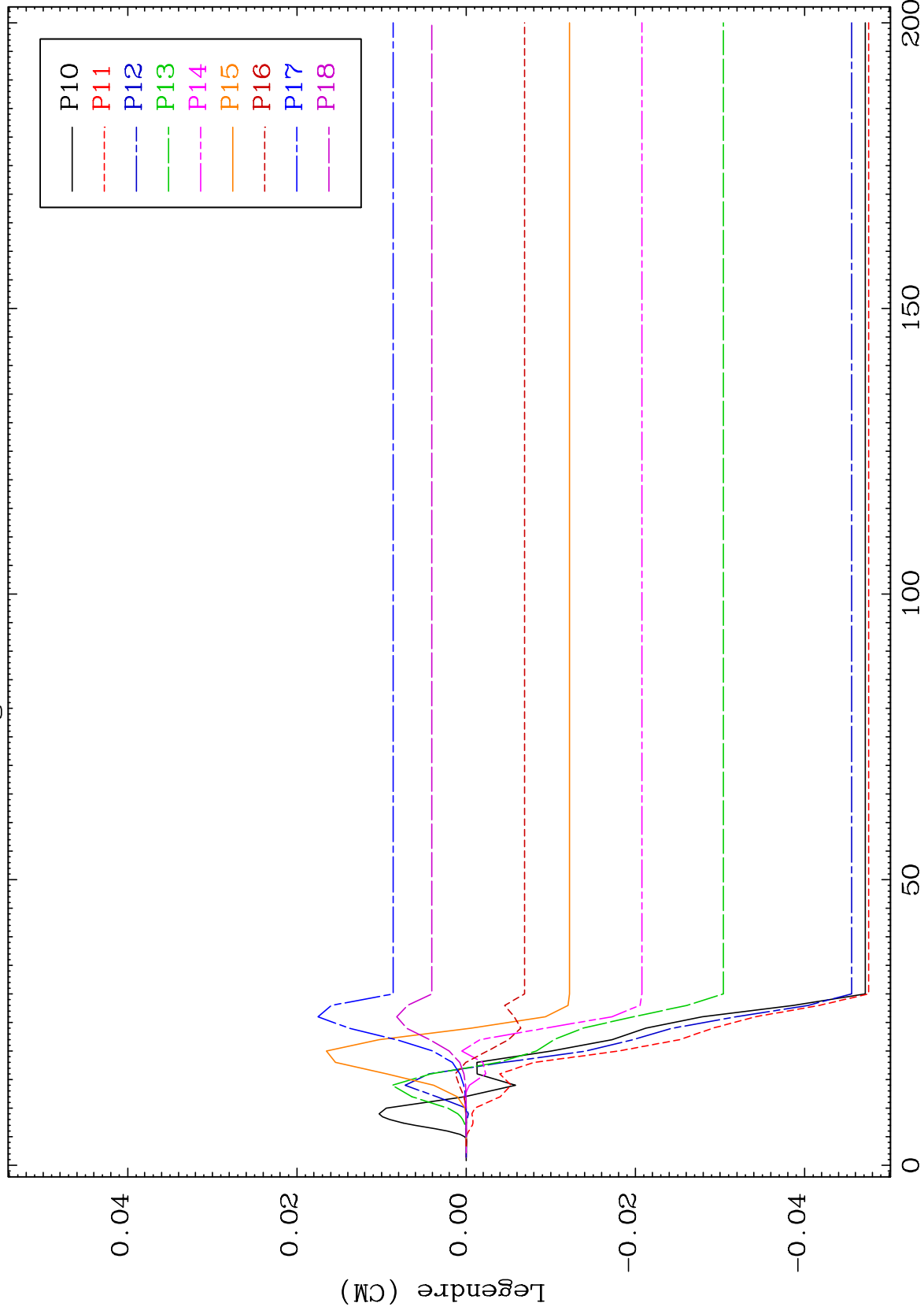
Incident Energy (MeV)

40

MAT 5943

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

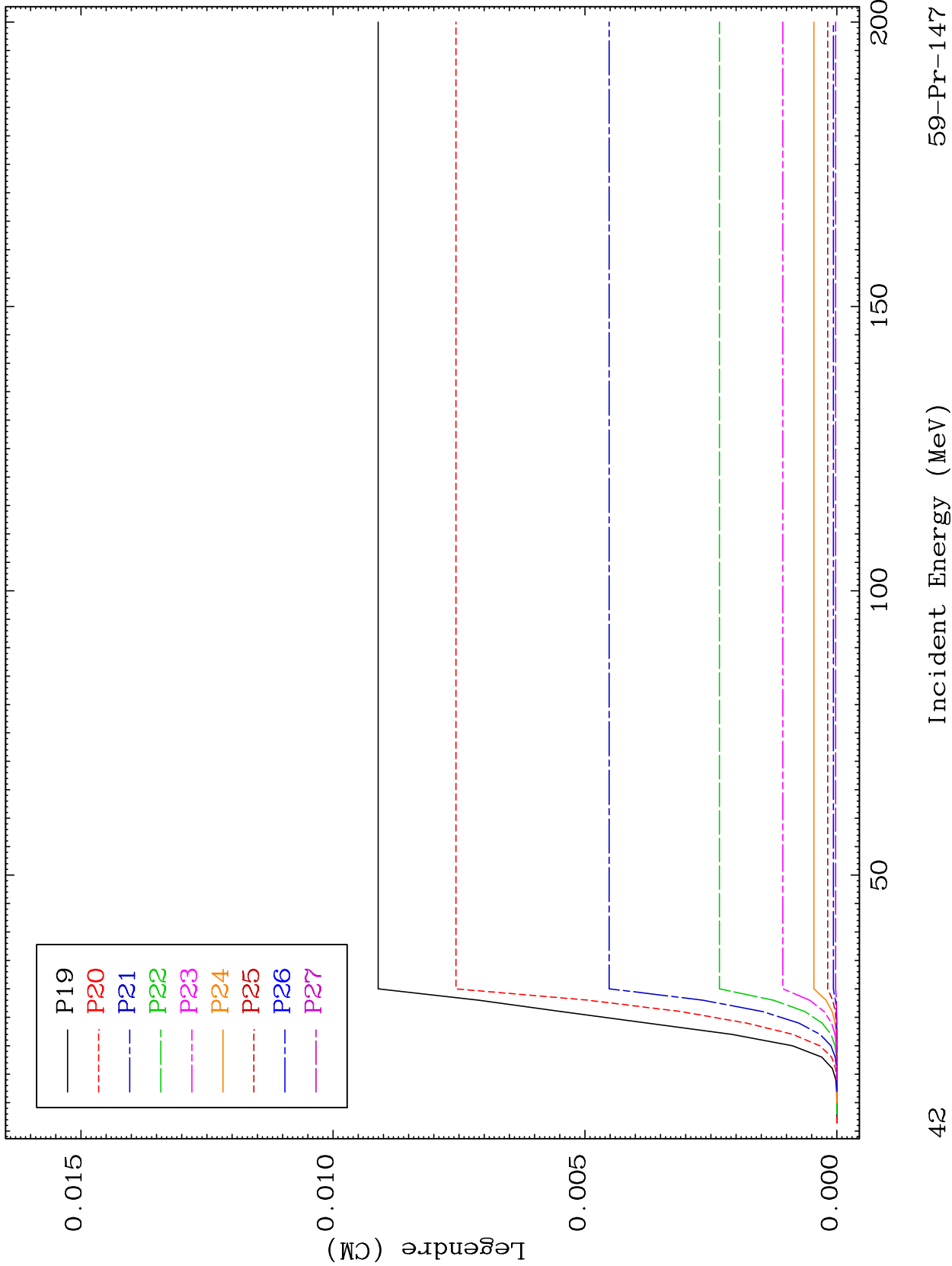
59-Pr-147



41

Incident Energy (MeV)

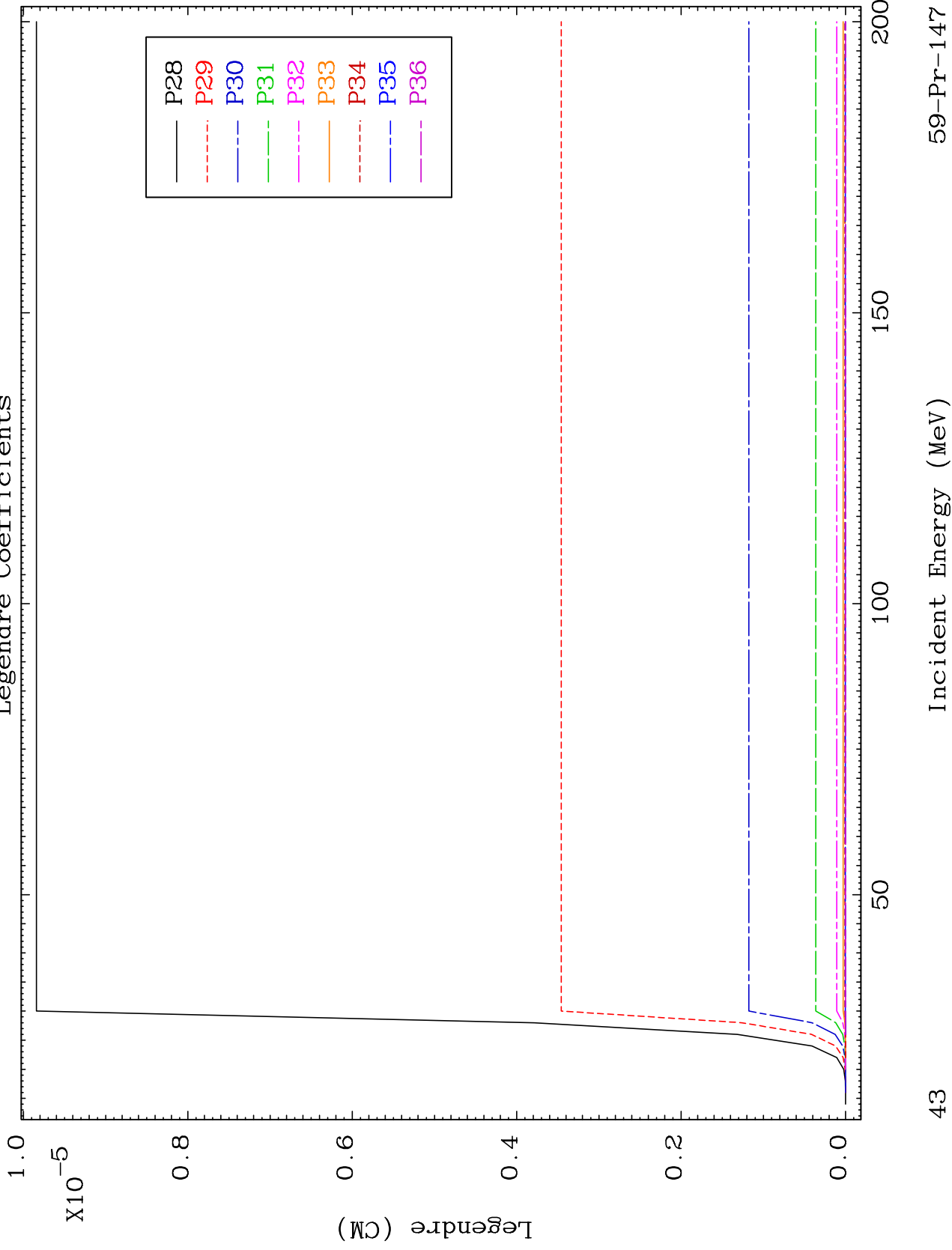
59-Pr-147



MAT 5943

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

59-Pr-147



43

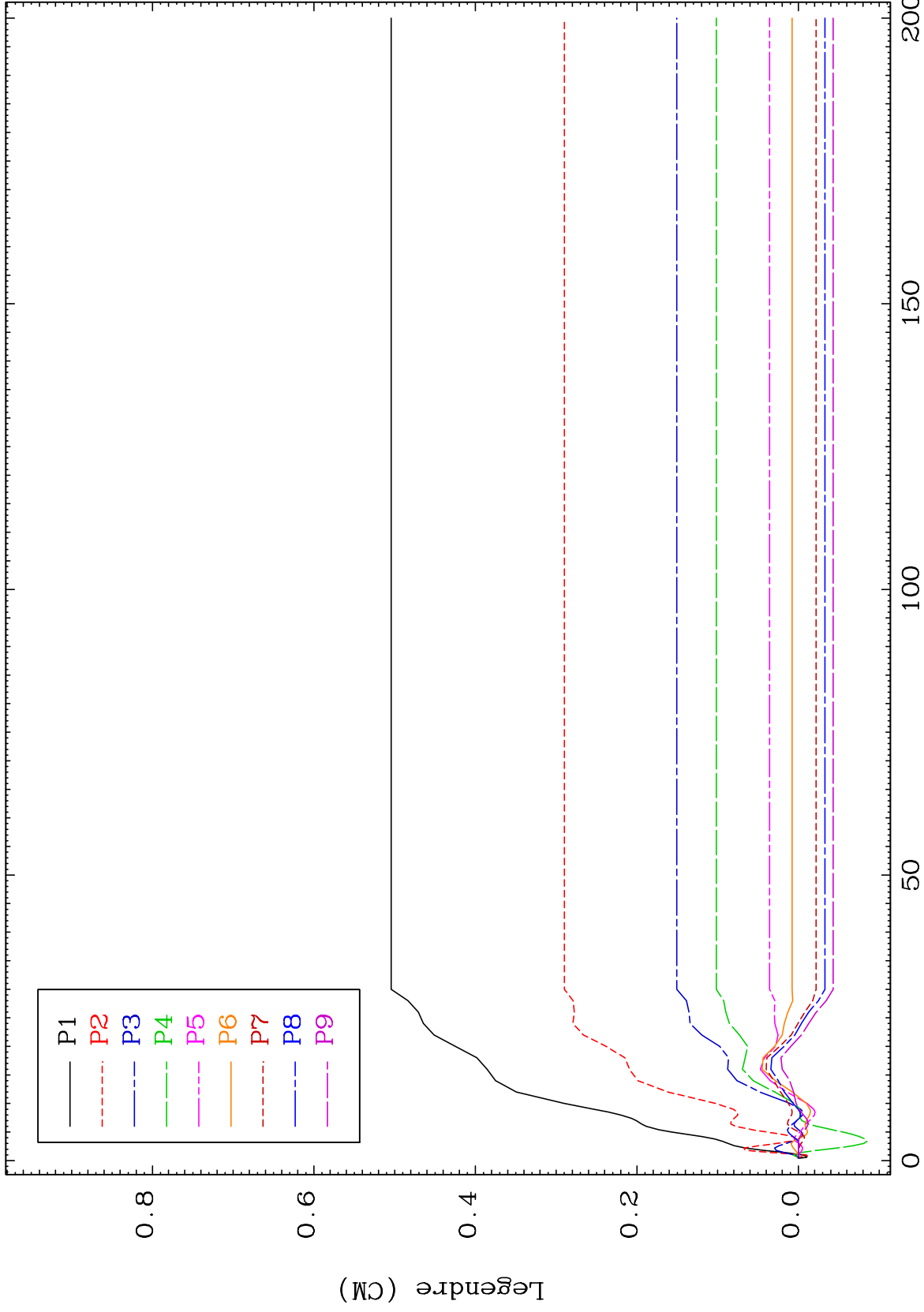
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



44

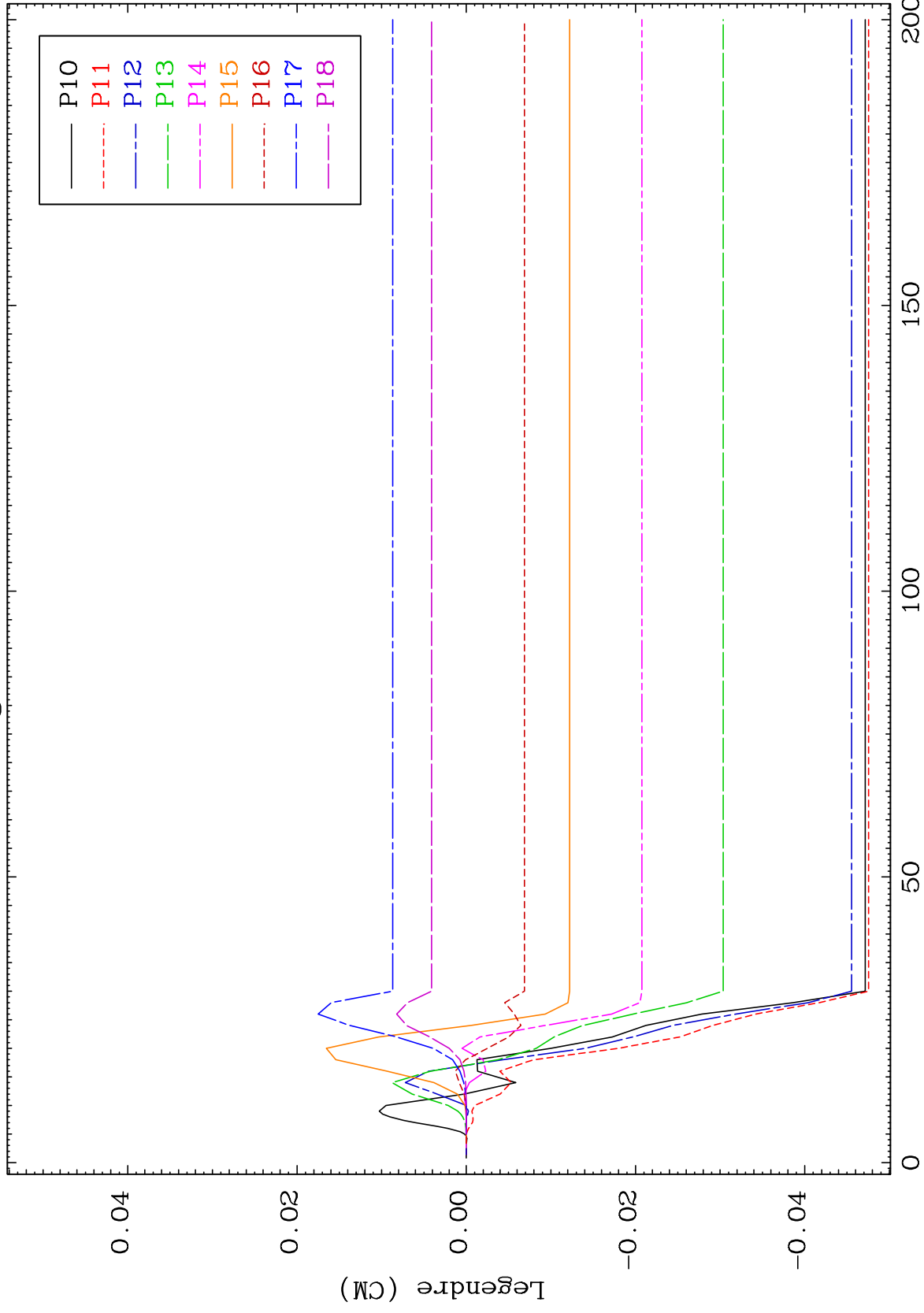
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

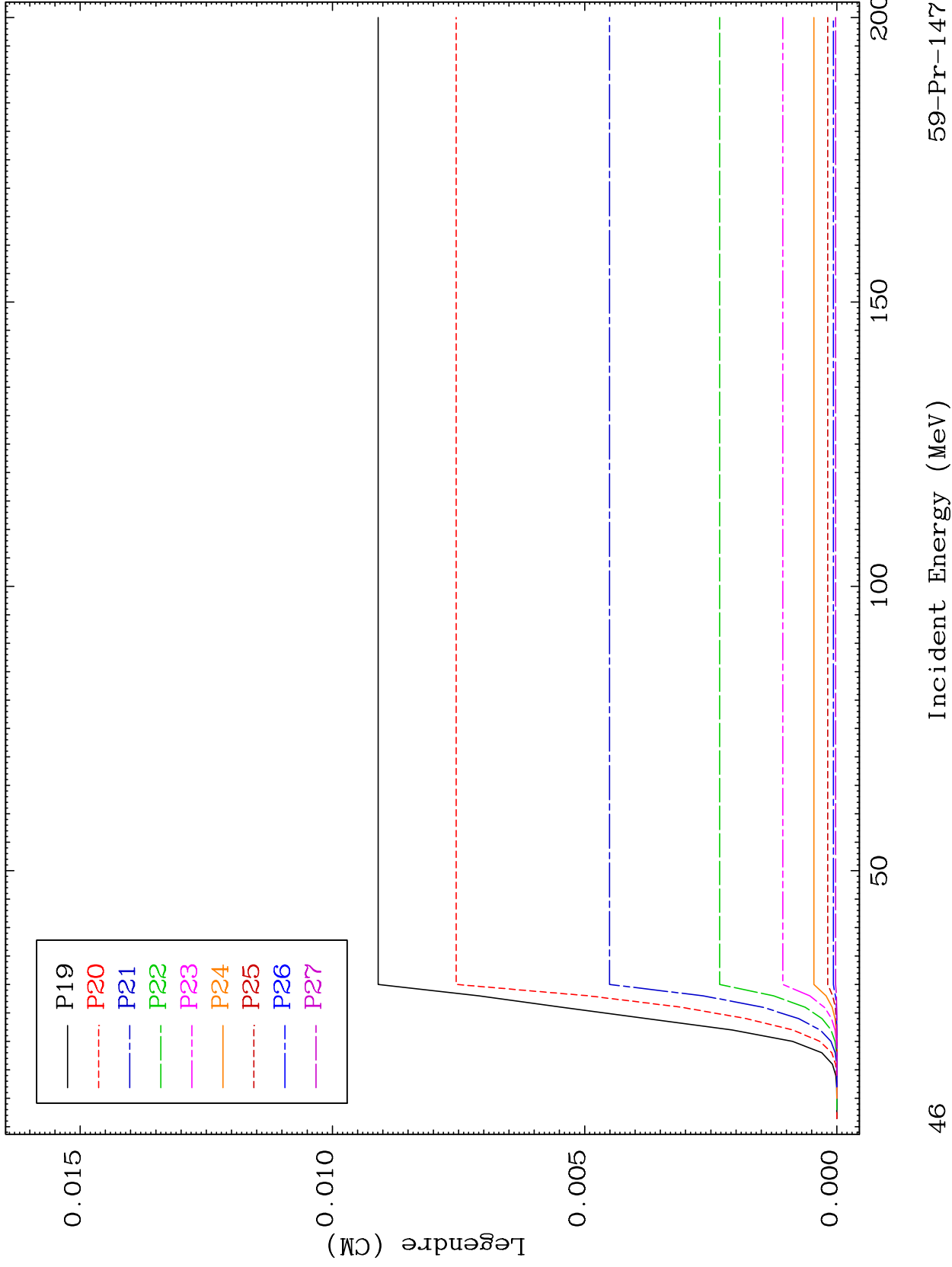
59-Pr-147



45

Incident Energy (MeV)

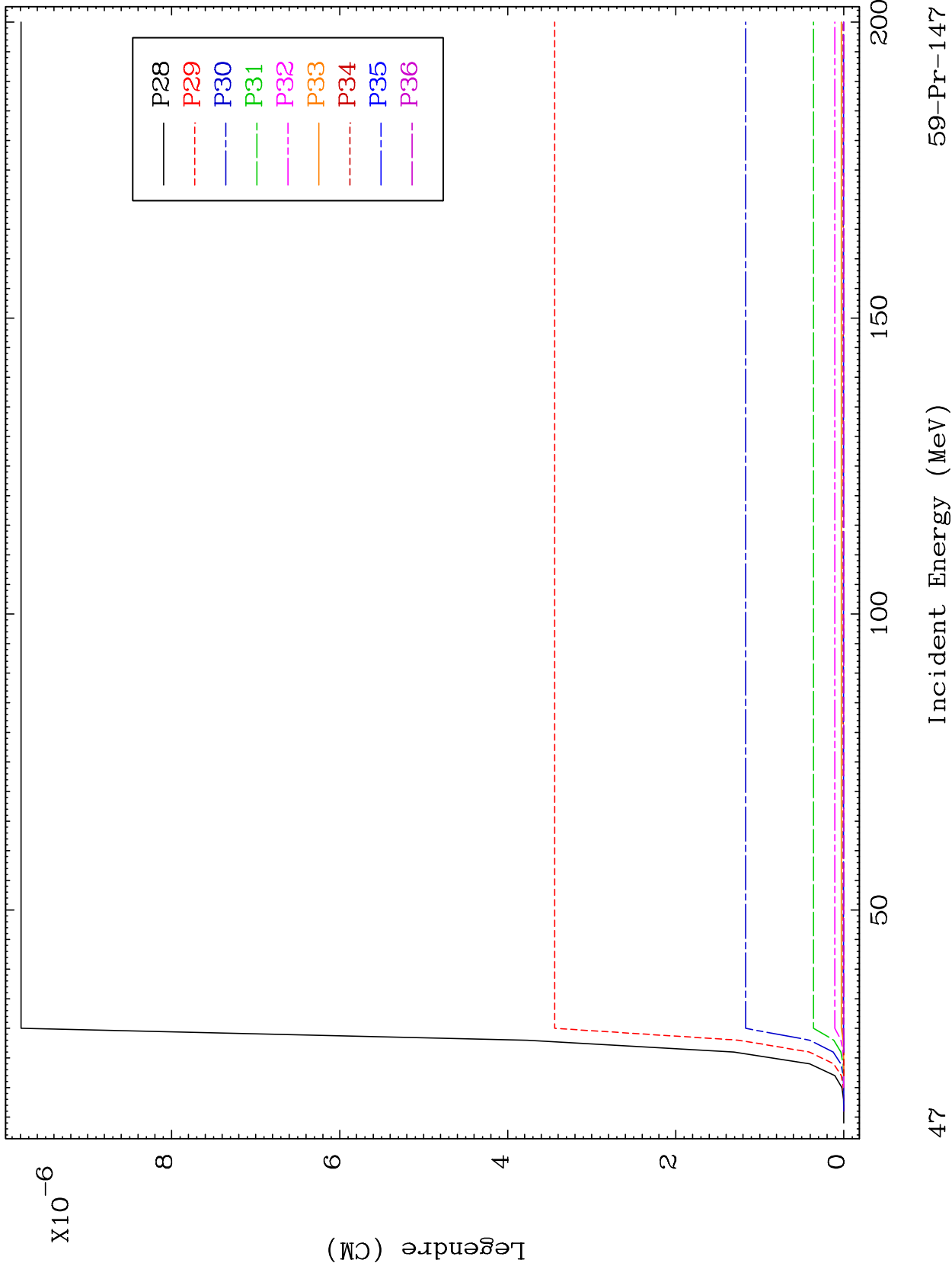
59-Pr-147



MAT 5943

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

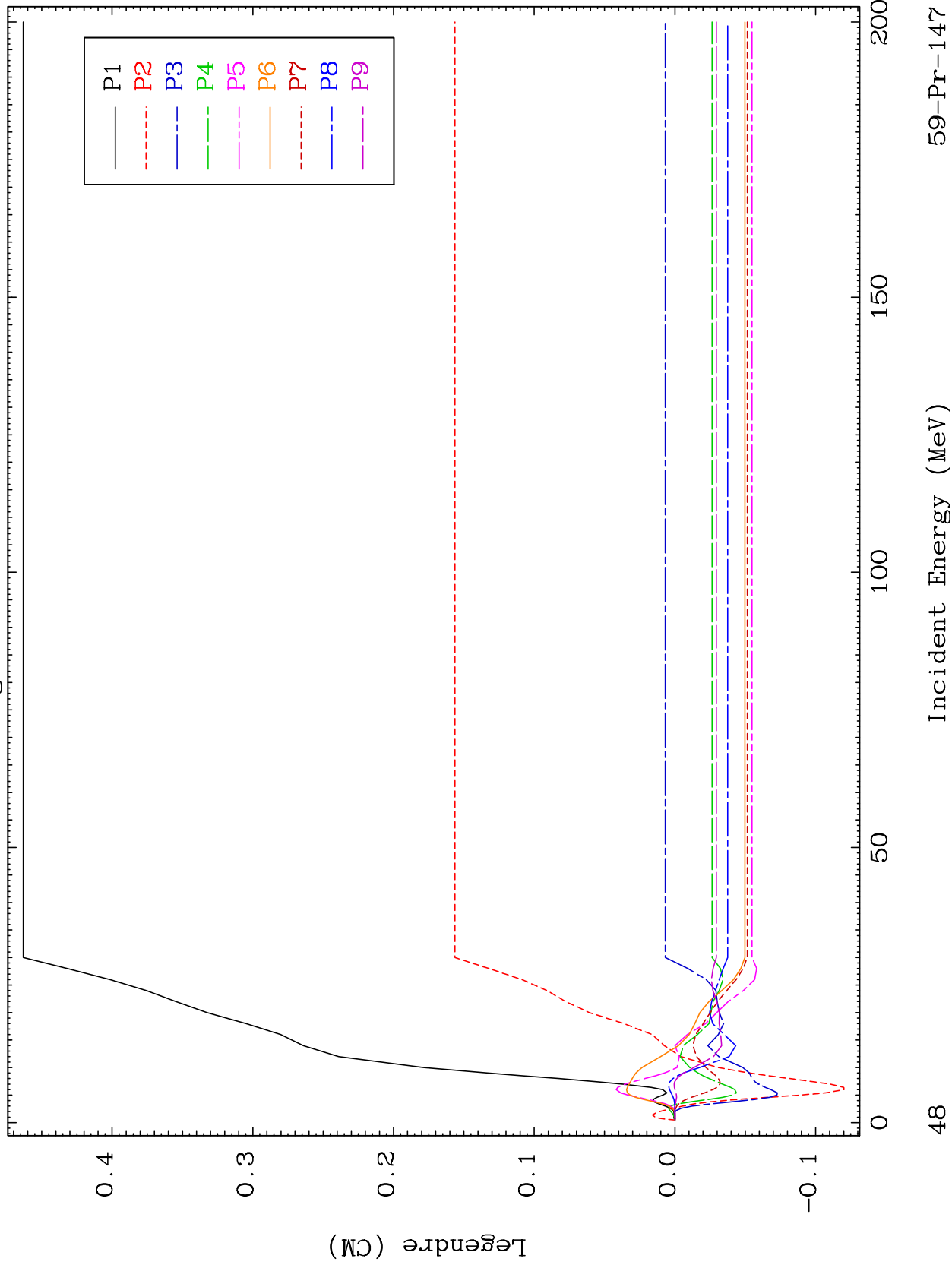
59-Pr-147



MAT 5943

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

59-Pr-147



59-Pr-147

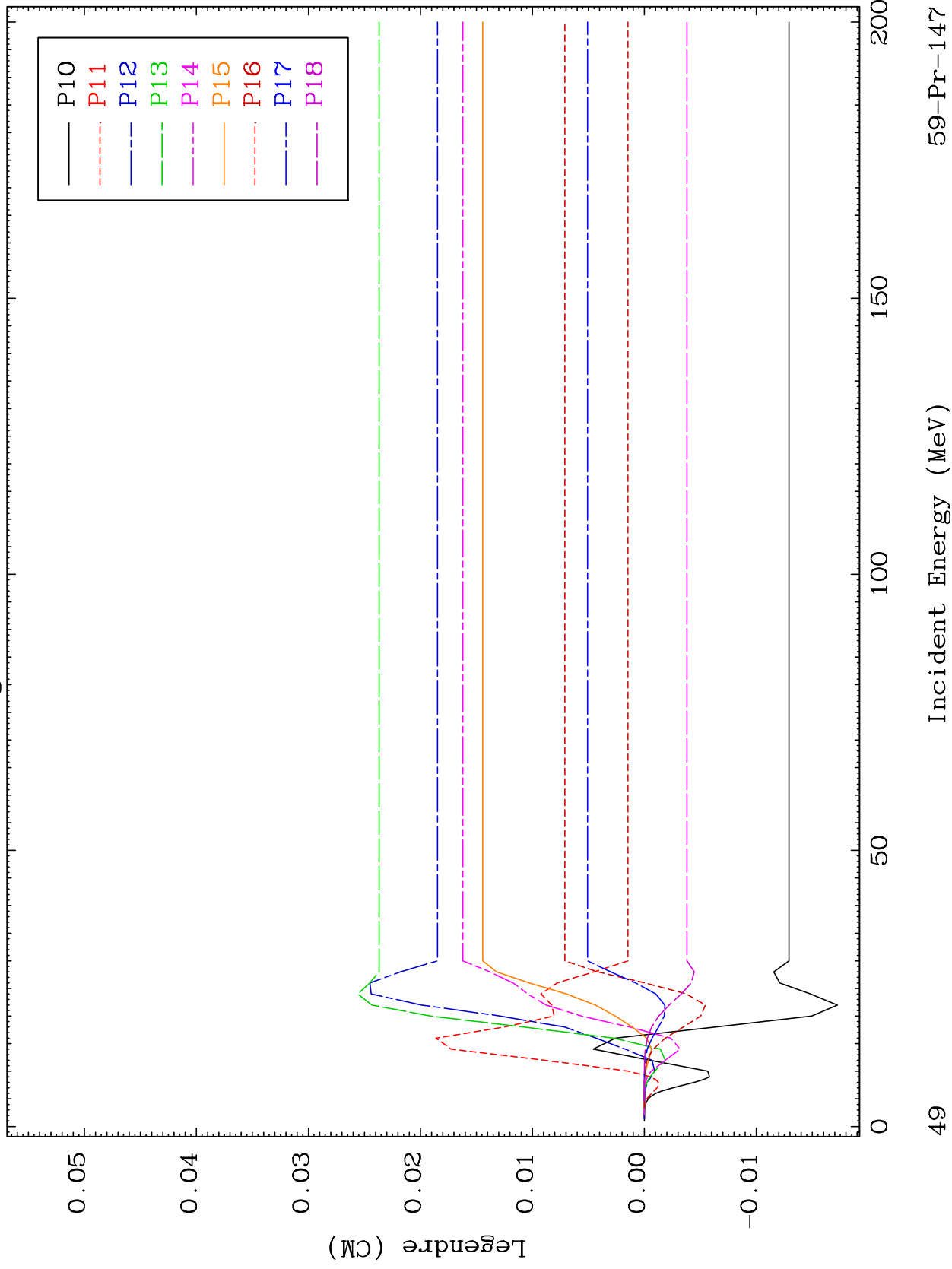
Incident Energy (MeV)

48

MAT 5943

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

59-Pr-147



59-Pr-147

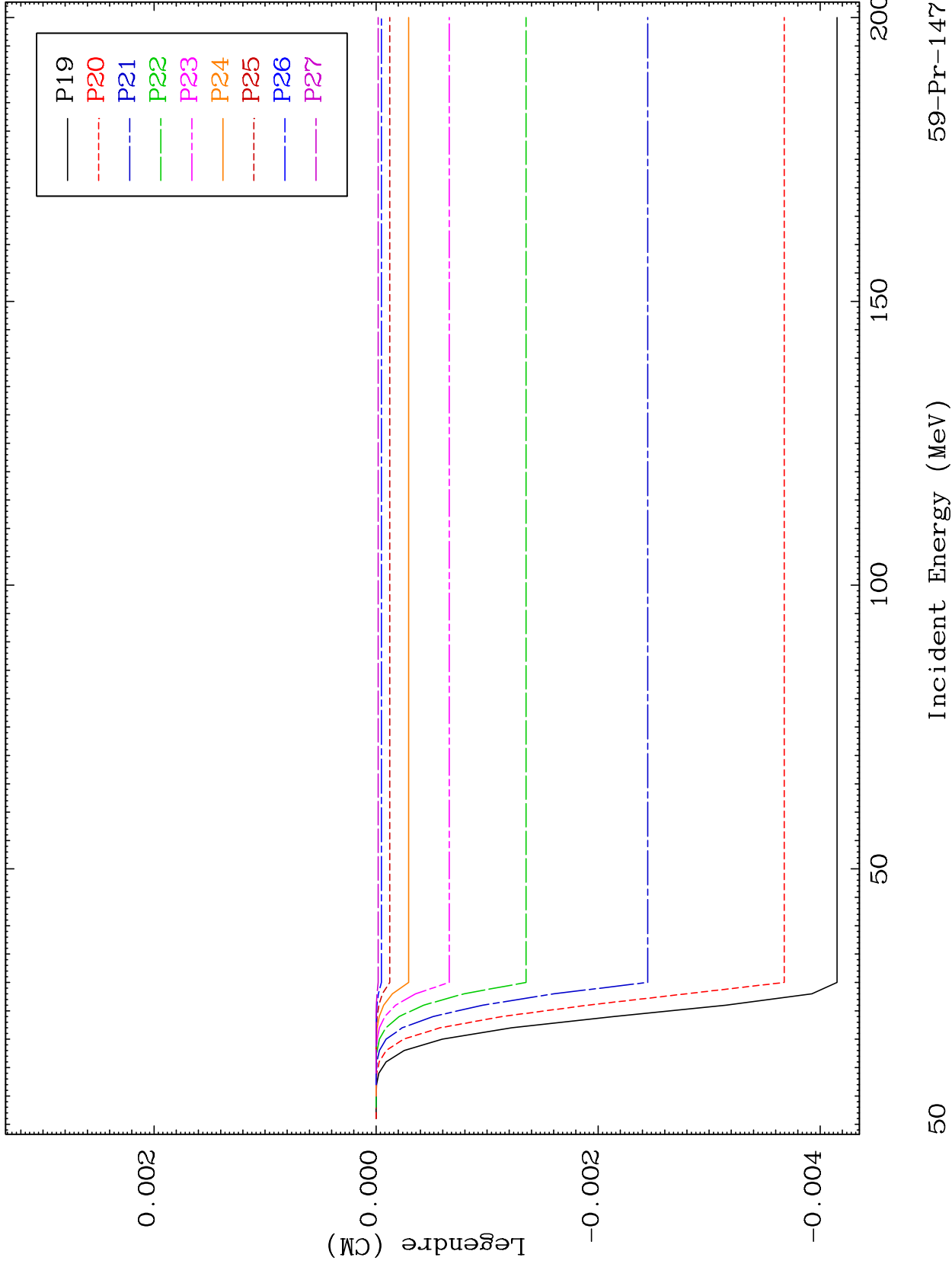
Incident Energy (MeV)

49

MAT 5943

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

59-Pr-147



59-Pr-147

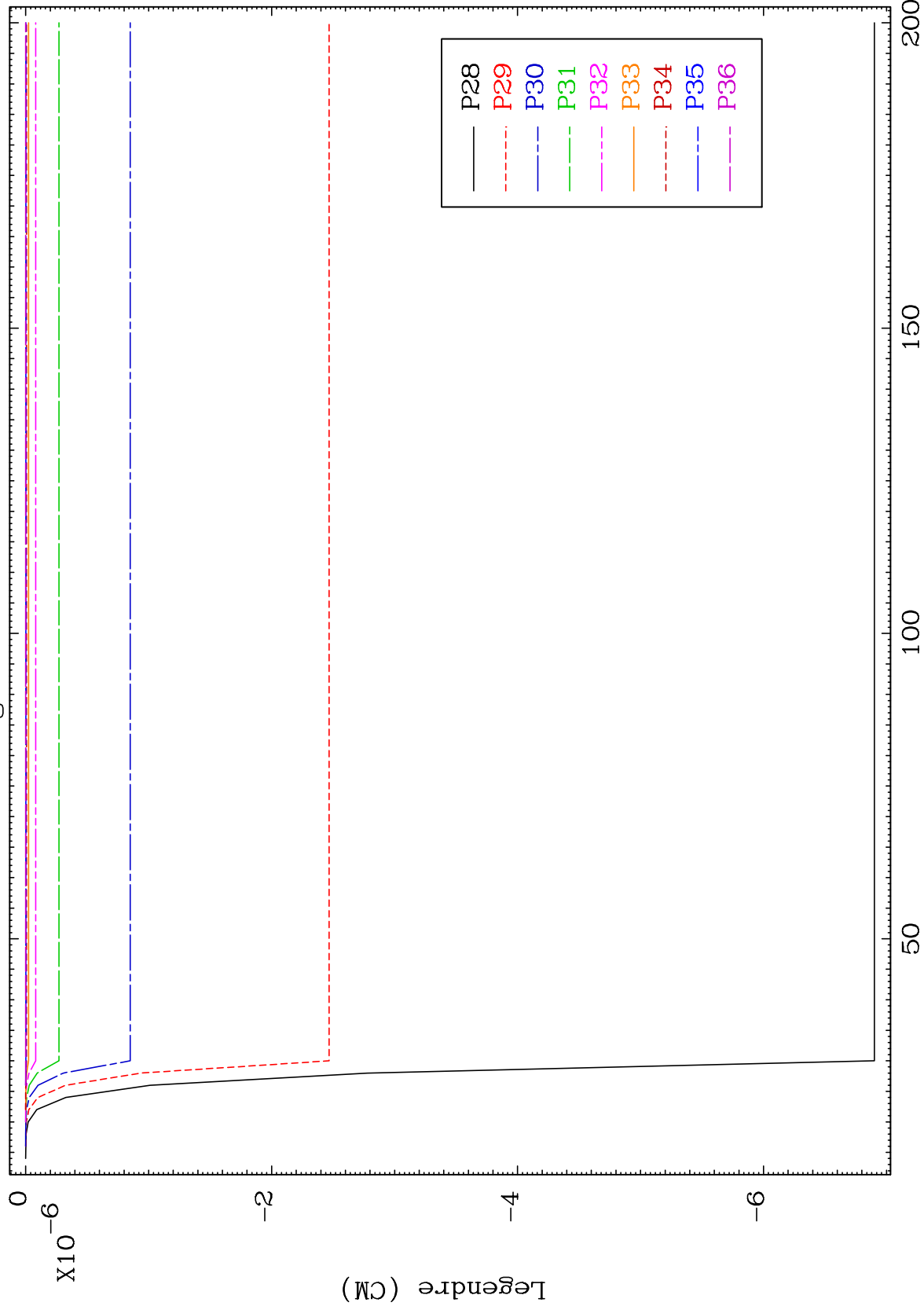
Incident Energy (MeV)

50

MAT 5943

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

59-Pr-147



51

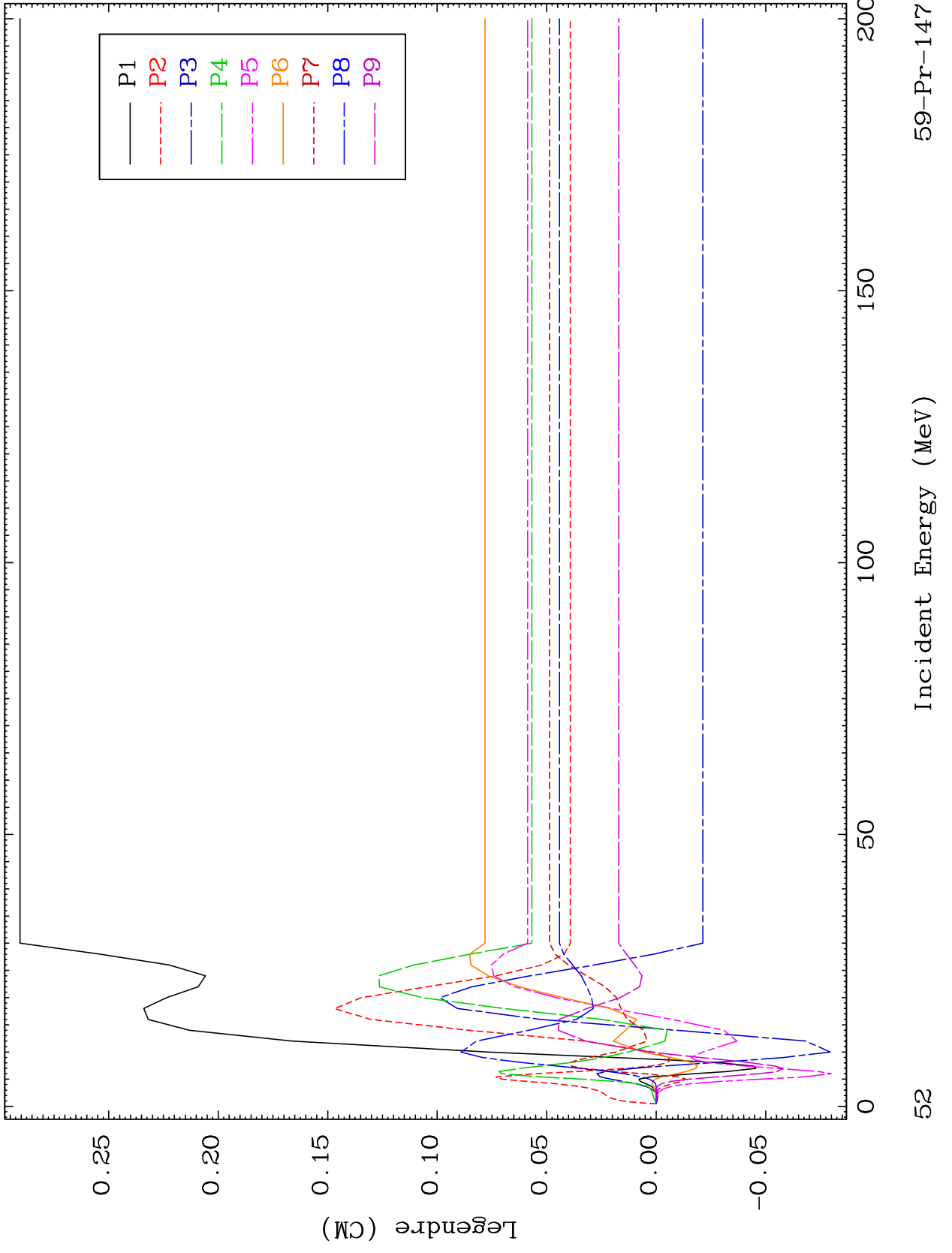
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



59-Pr-147

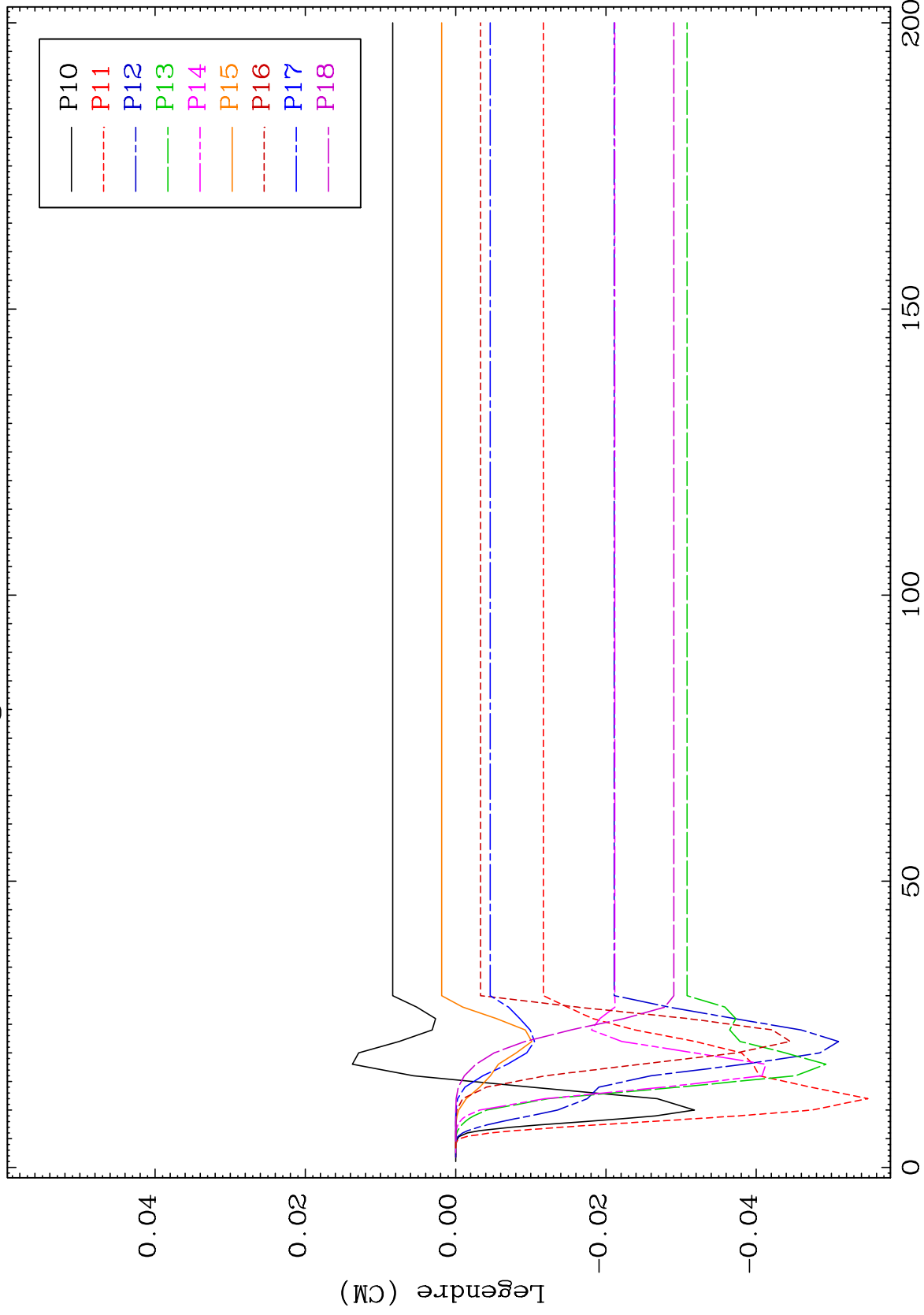
Incident Energy (MeV)

52

MAT 5943

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

59-Pr-147



53

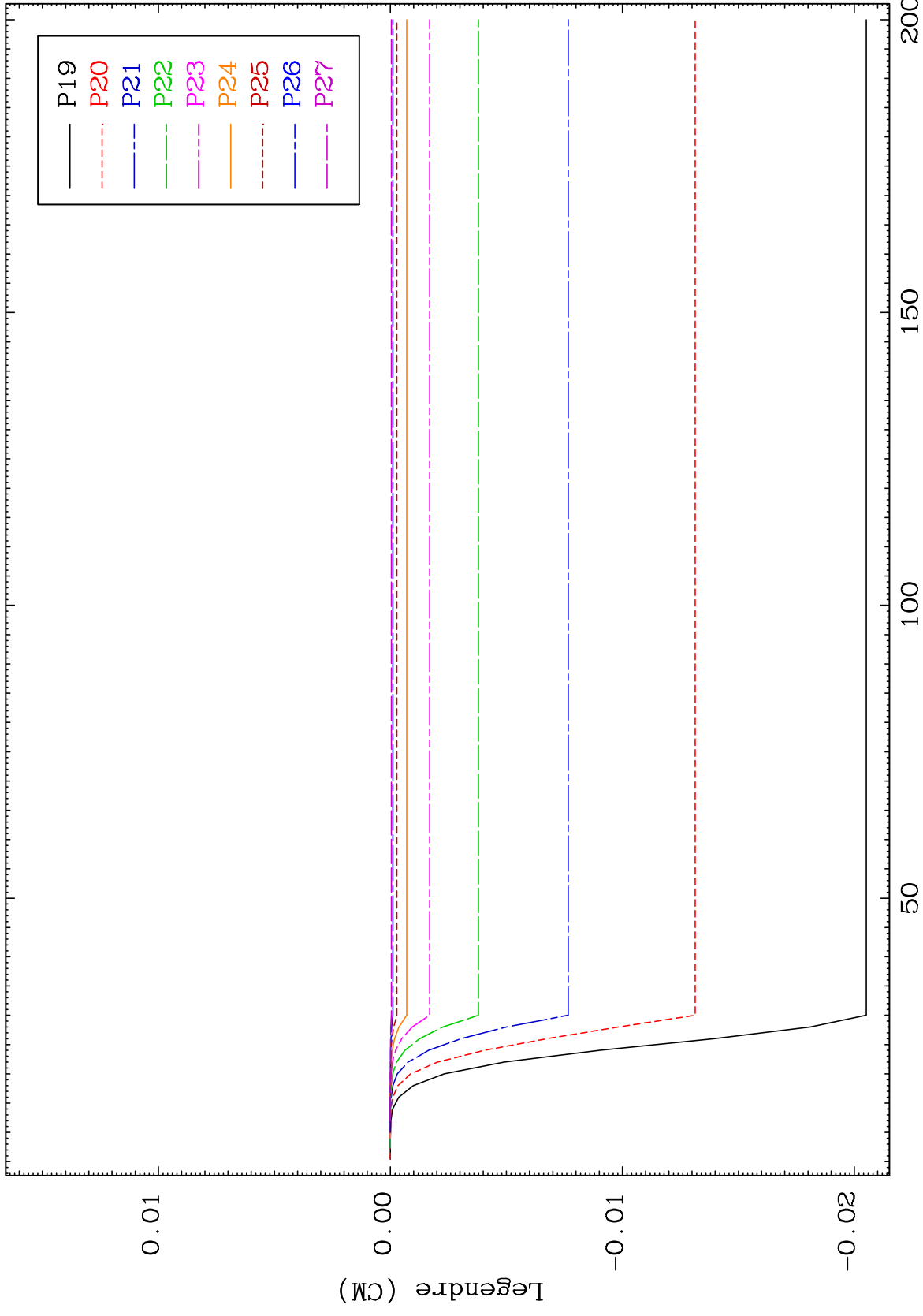
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

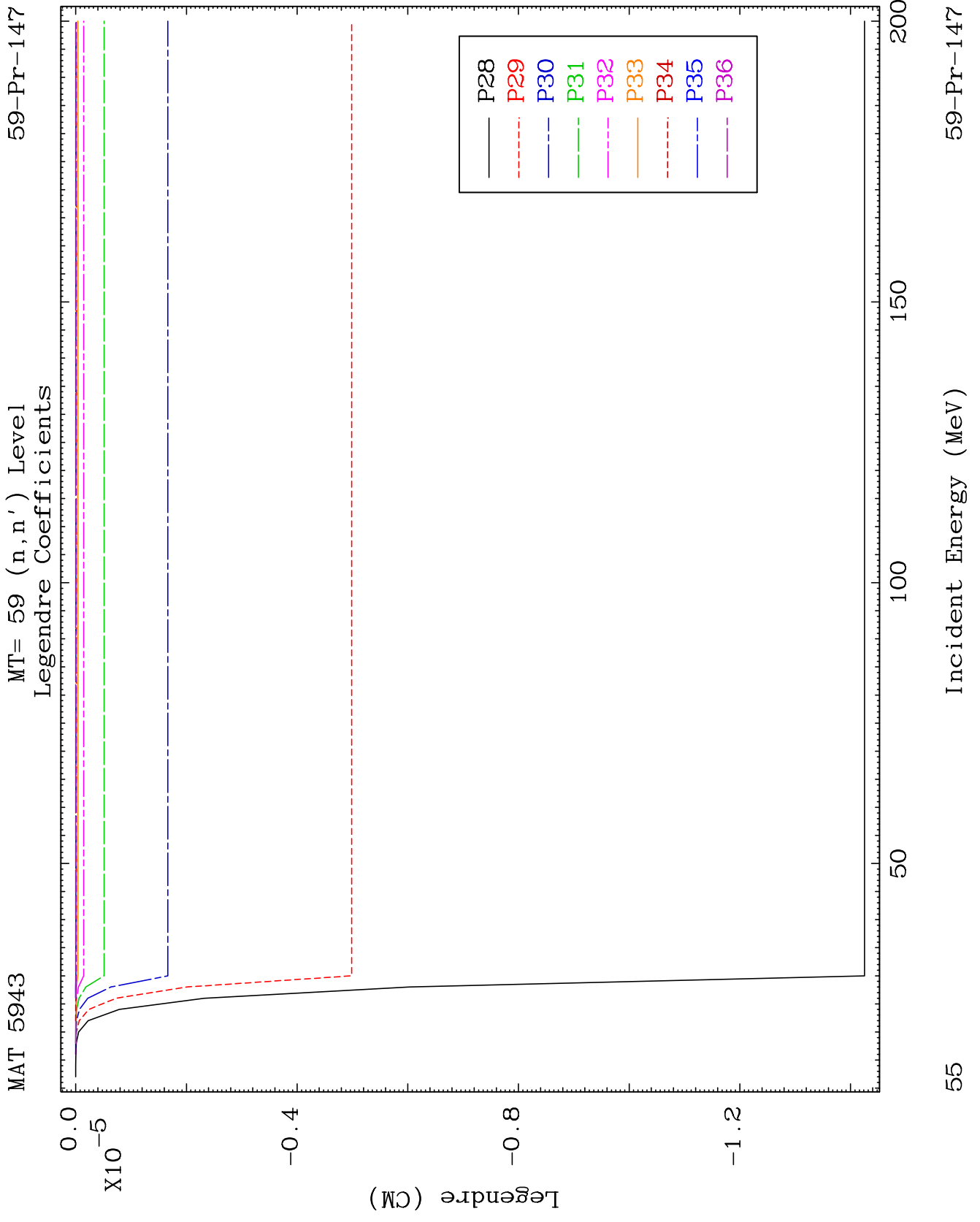
59-Pr-147



54

Incident Energy (MeV)

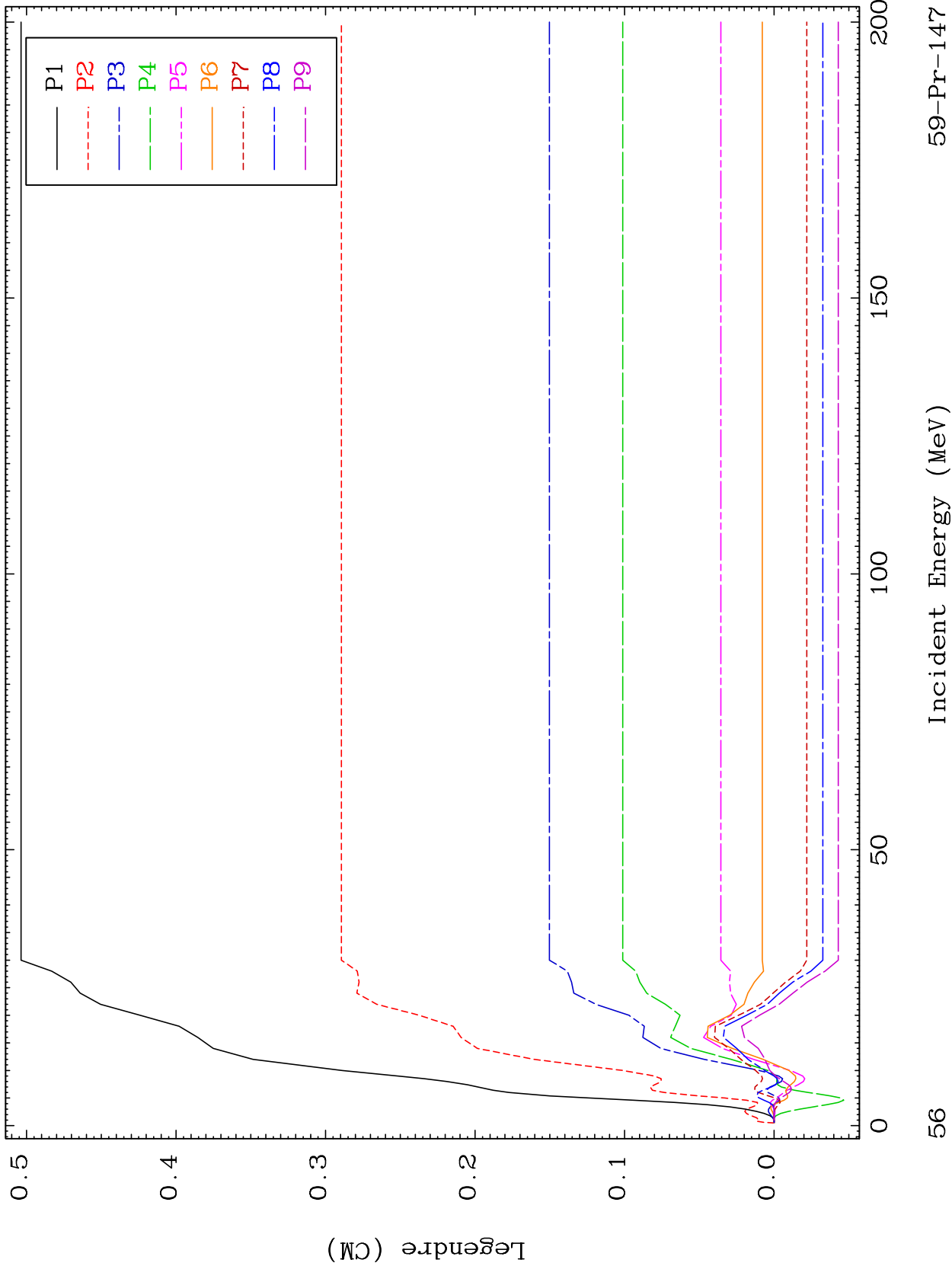
59-Pr-147



MAT 5943

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

59-Pr-147



59-Pr-147

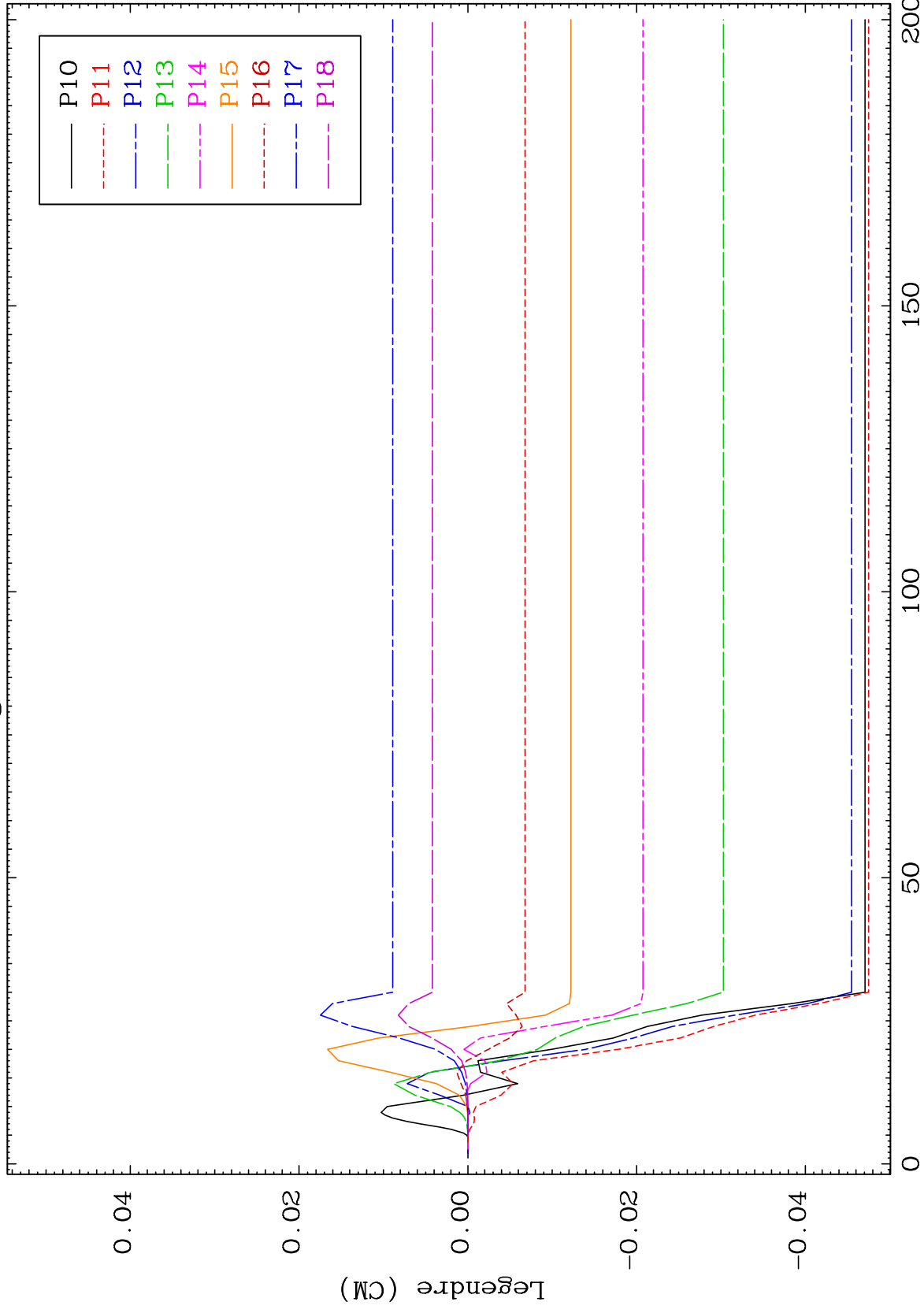
Incident Energy (MeV)

56

MAT 5943

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

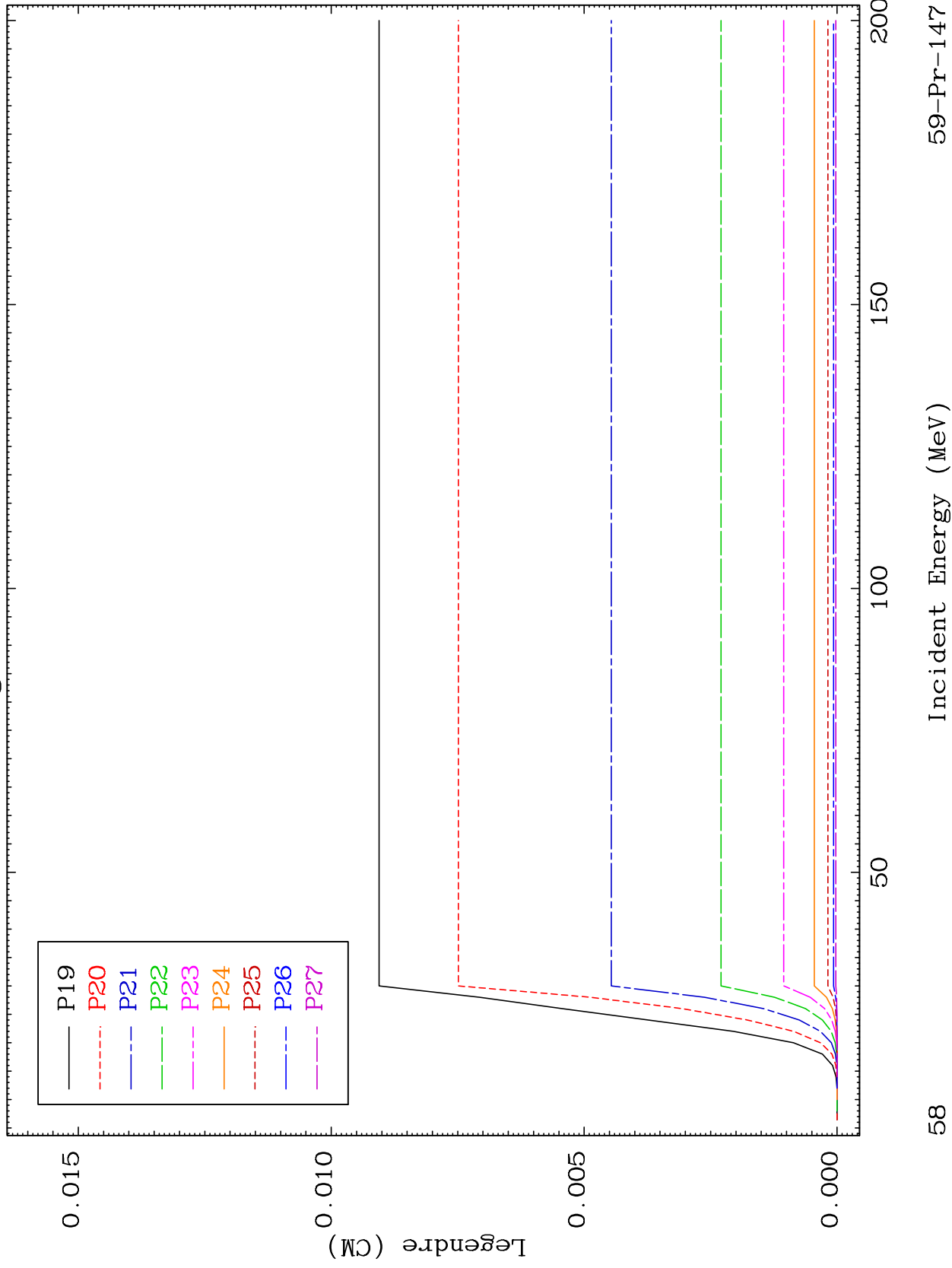
59-Pr-147



57

Incident Energy (MeV)

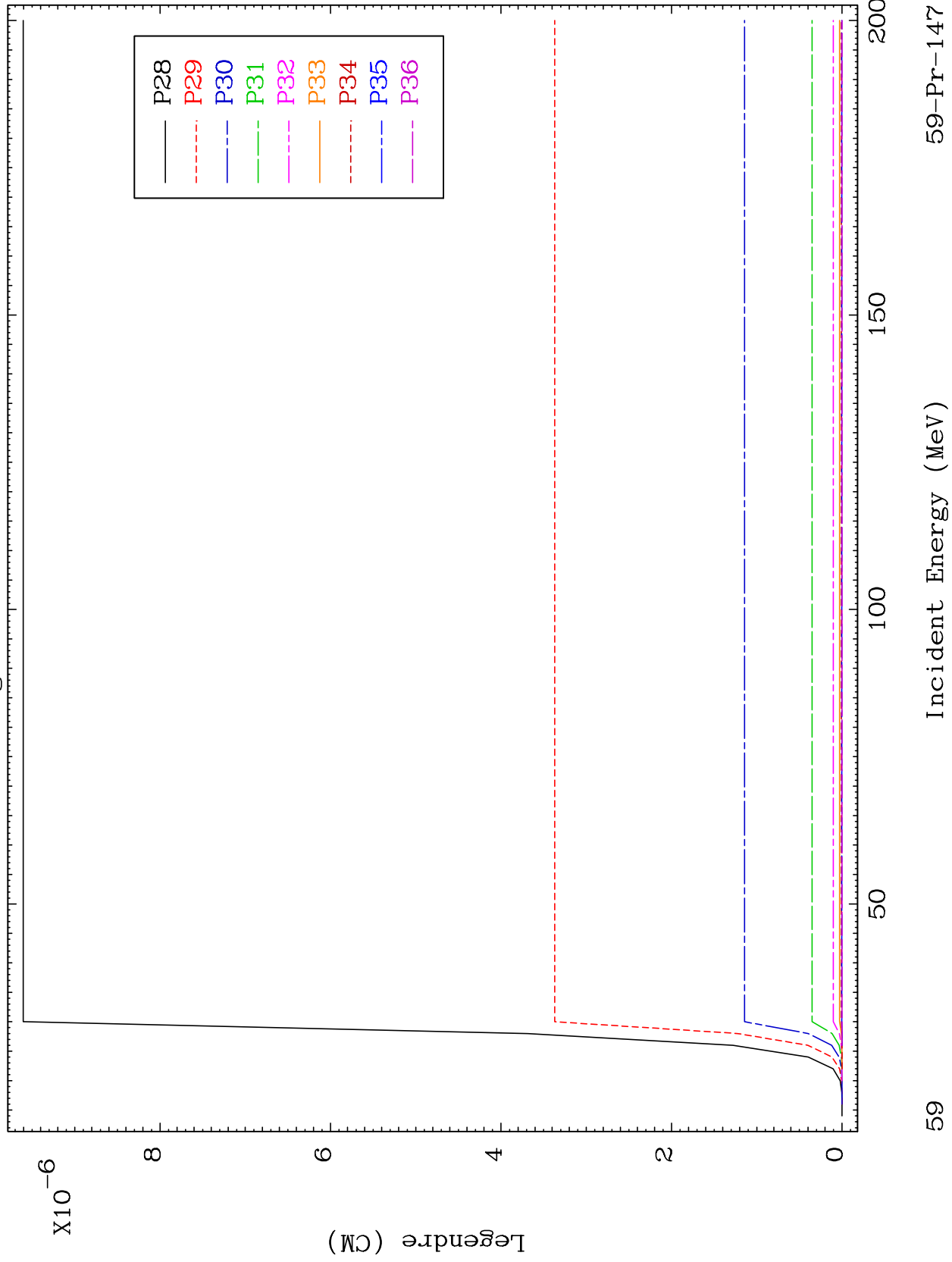
59-Pr-147



MAT 5943

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

59-Pr-147



59

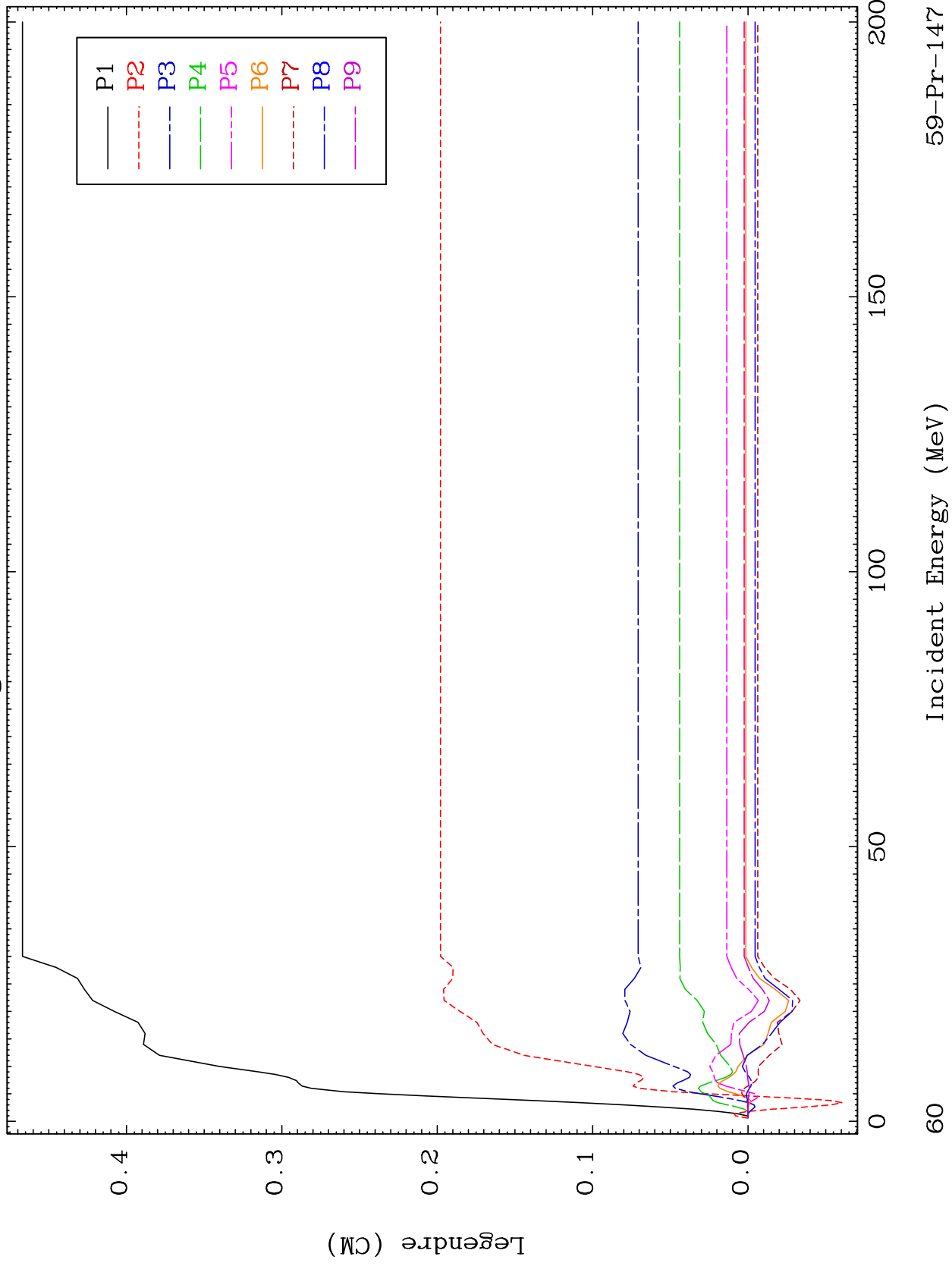
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



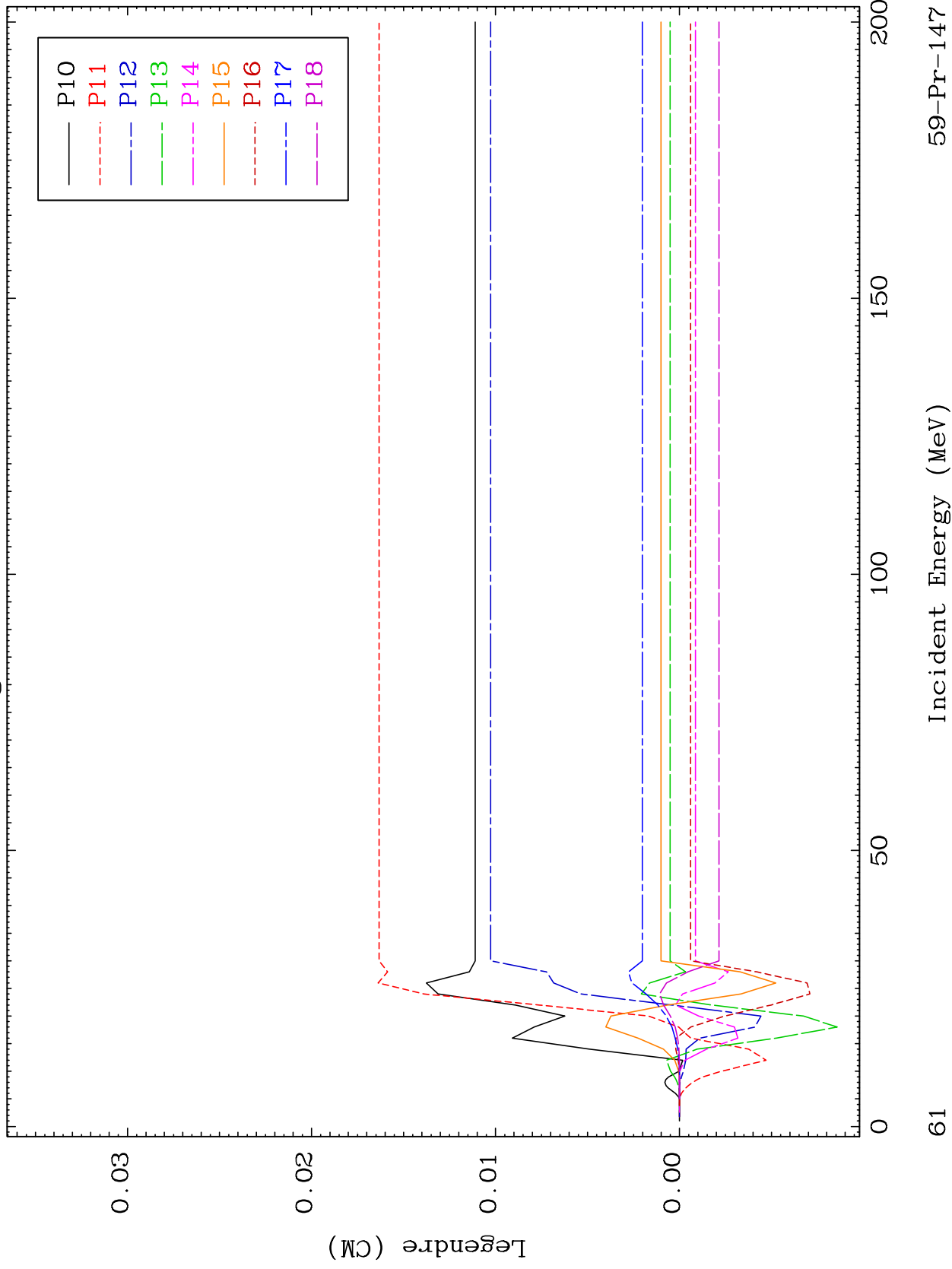
59-Pr-147

Incident Energy (MeV)

MAT 5943

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

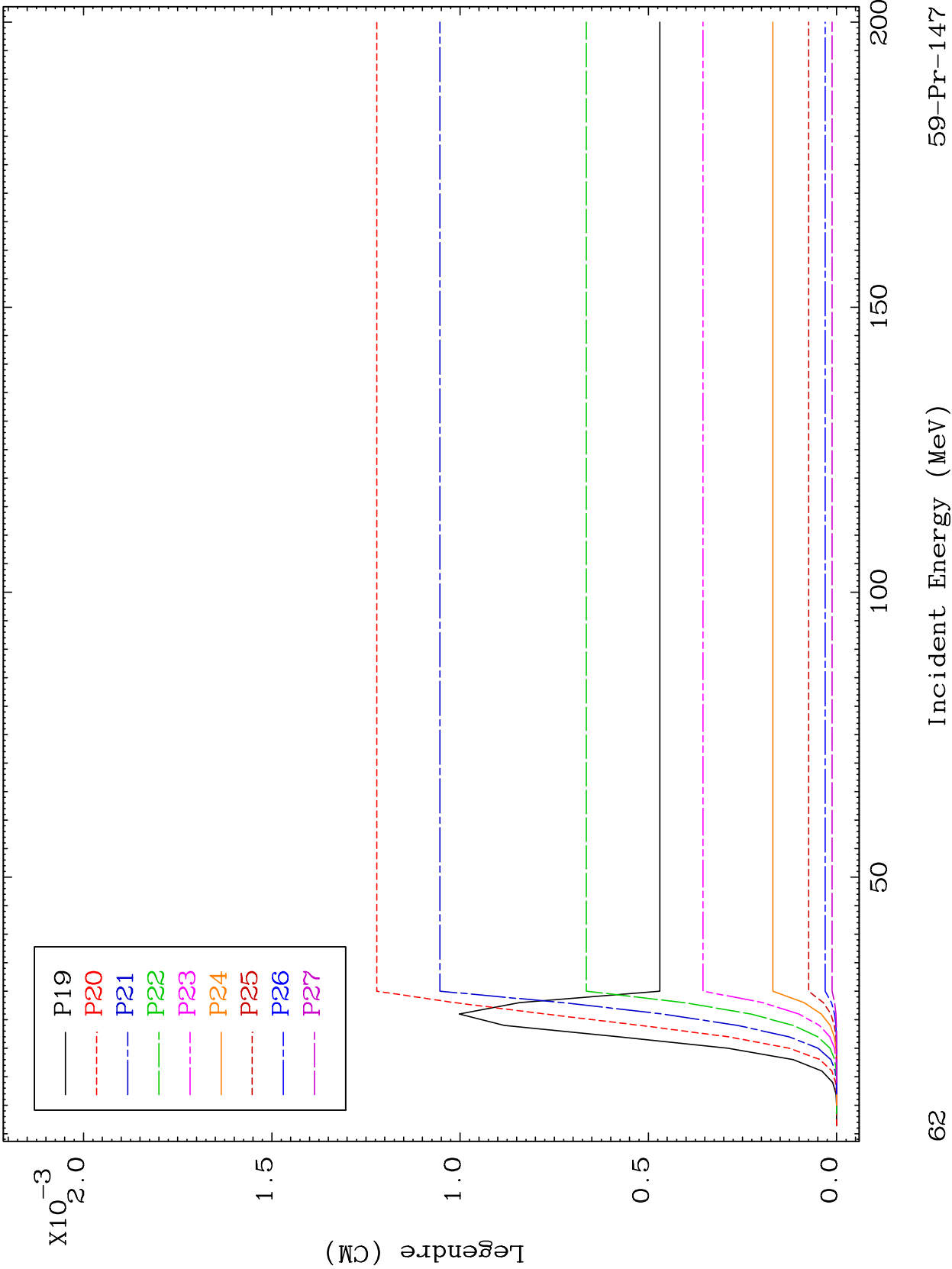
59-Pr-147



59-Pr-147

Incident Energy (MeV)

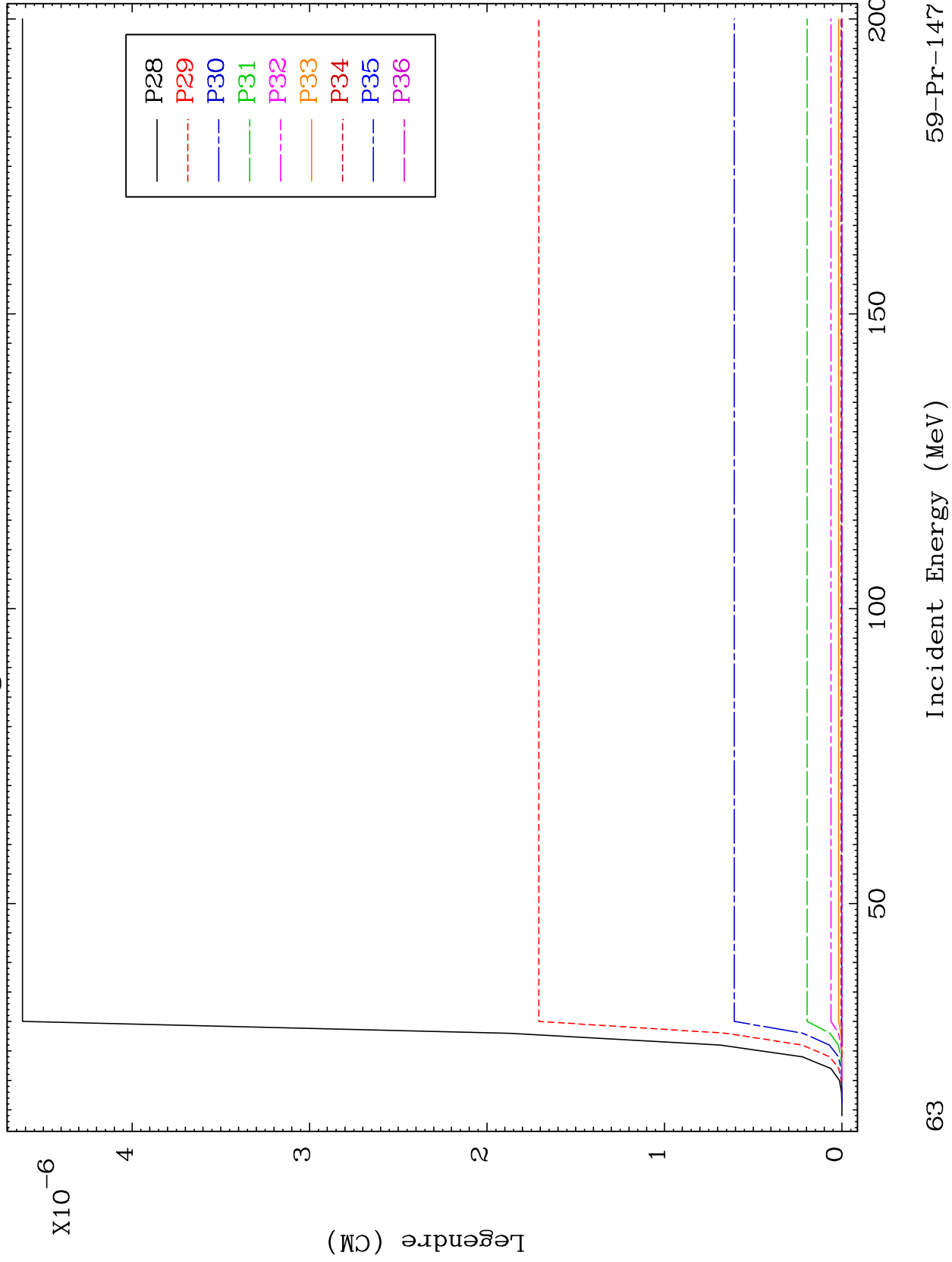
61



MAT 5943

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

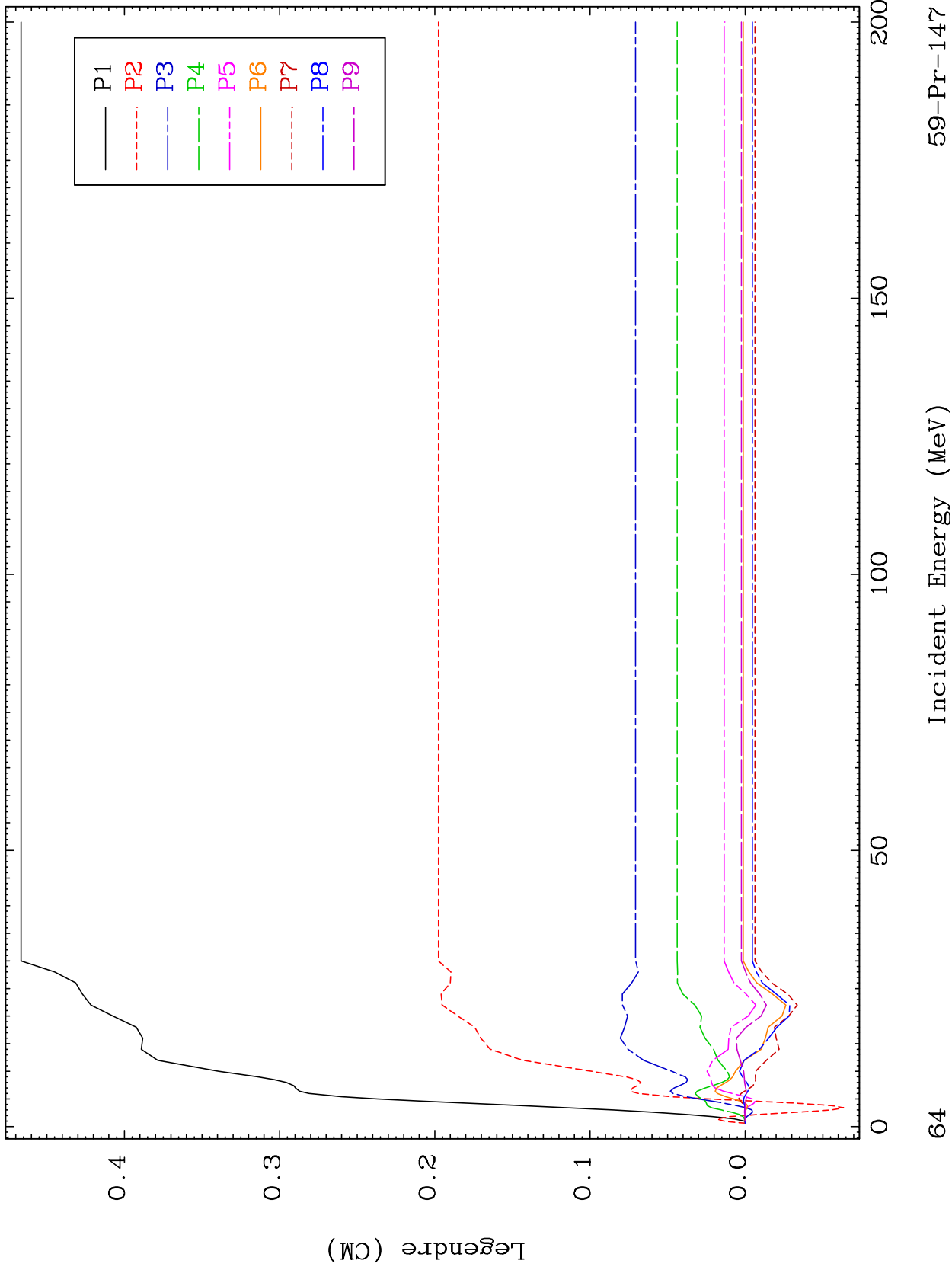
59-Pr-147



MAT 5943

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

59-Pr-147



59-Pr-147

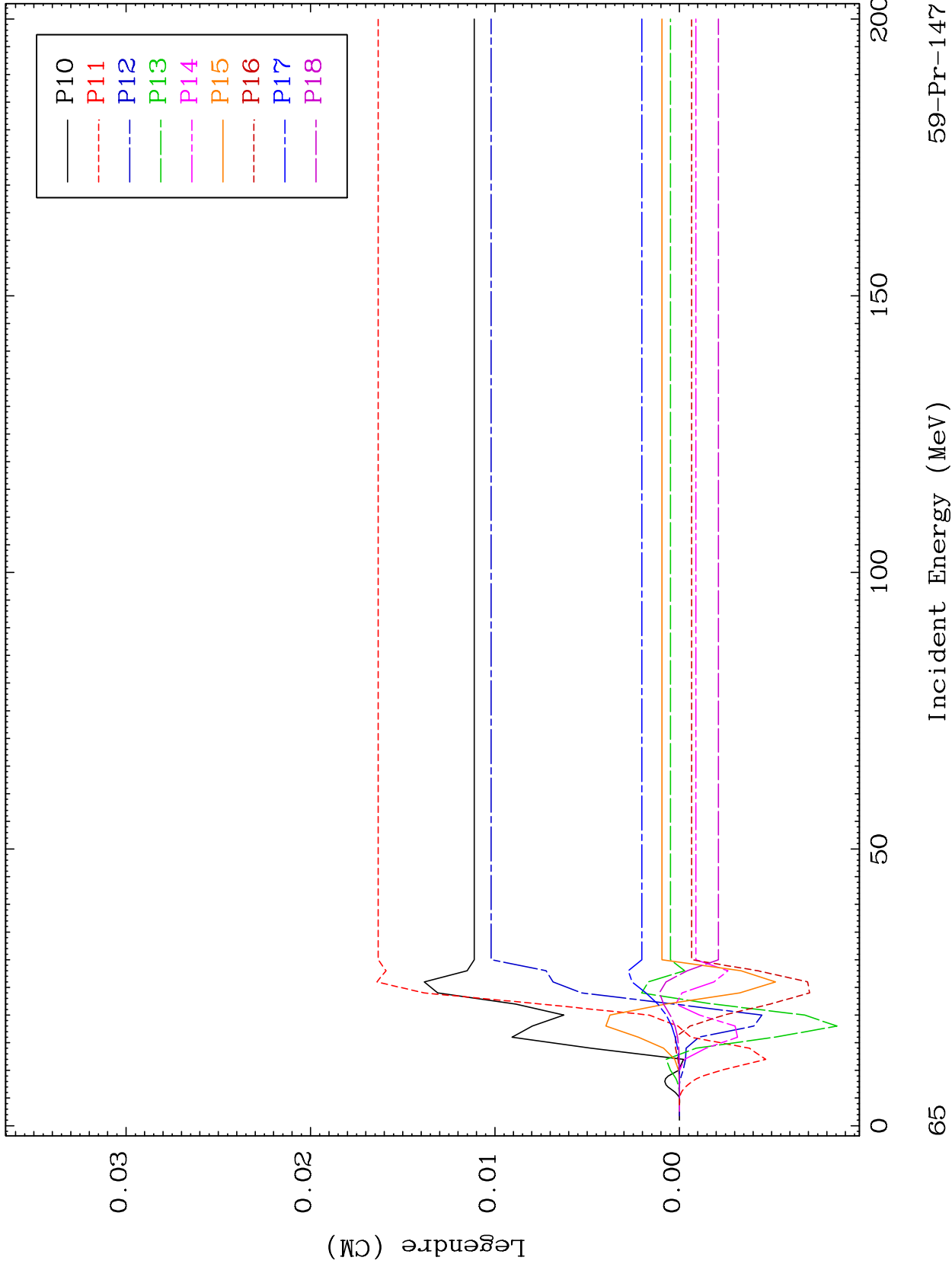
Incident Energy (MeV)

64

MAT 5943

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

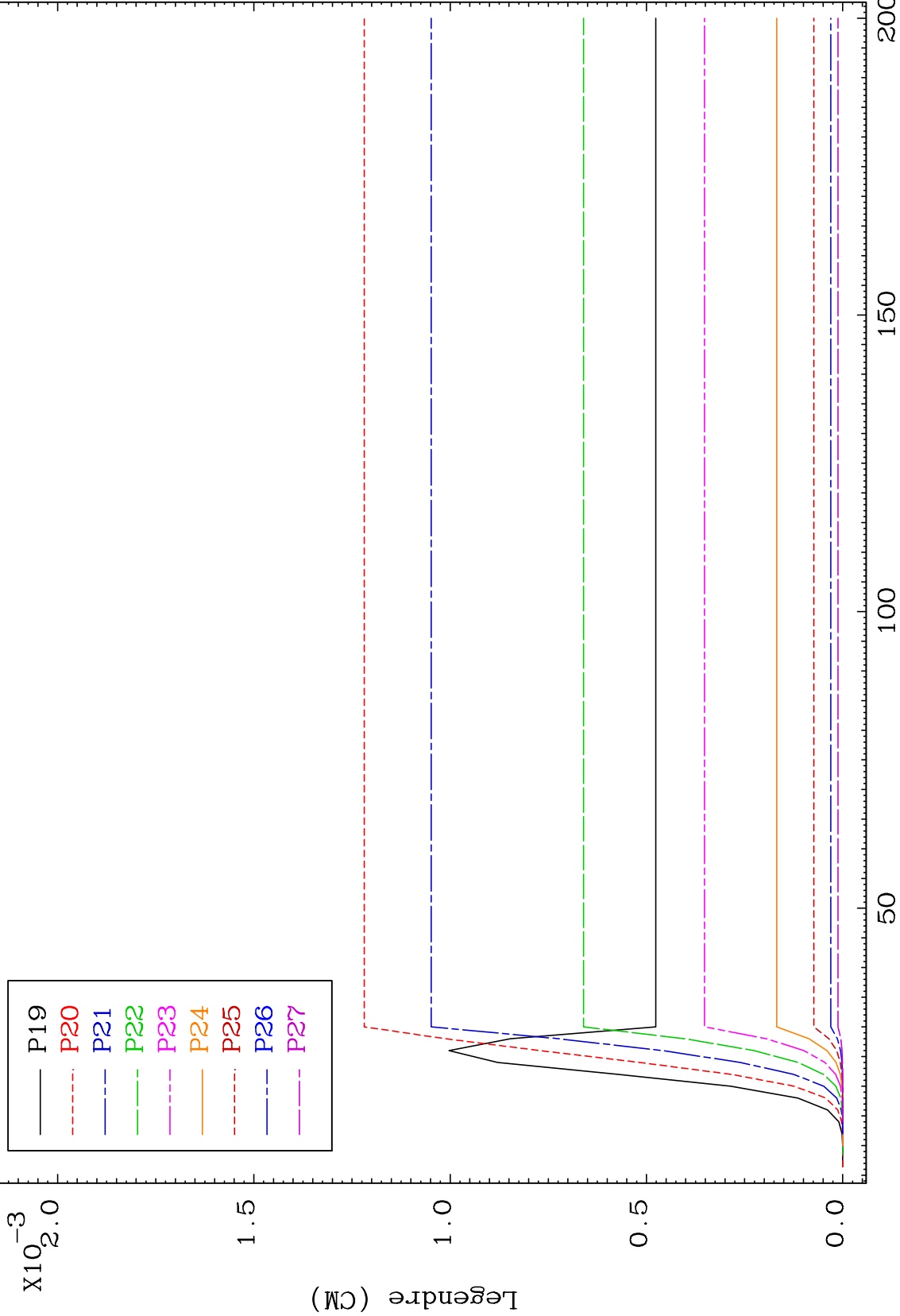
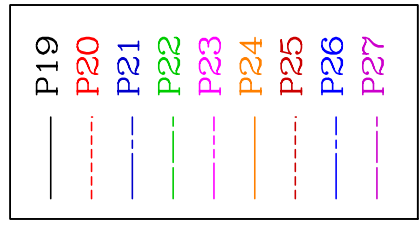
59-Pr-147



59-Pr-147

Incident Energy (MeV)

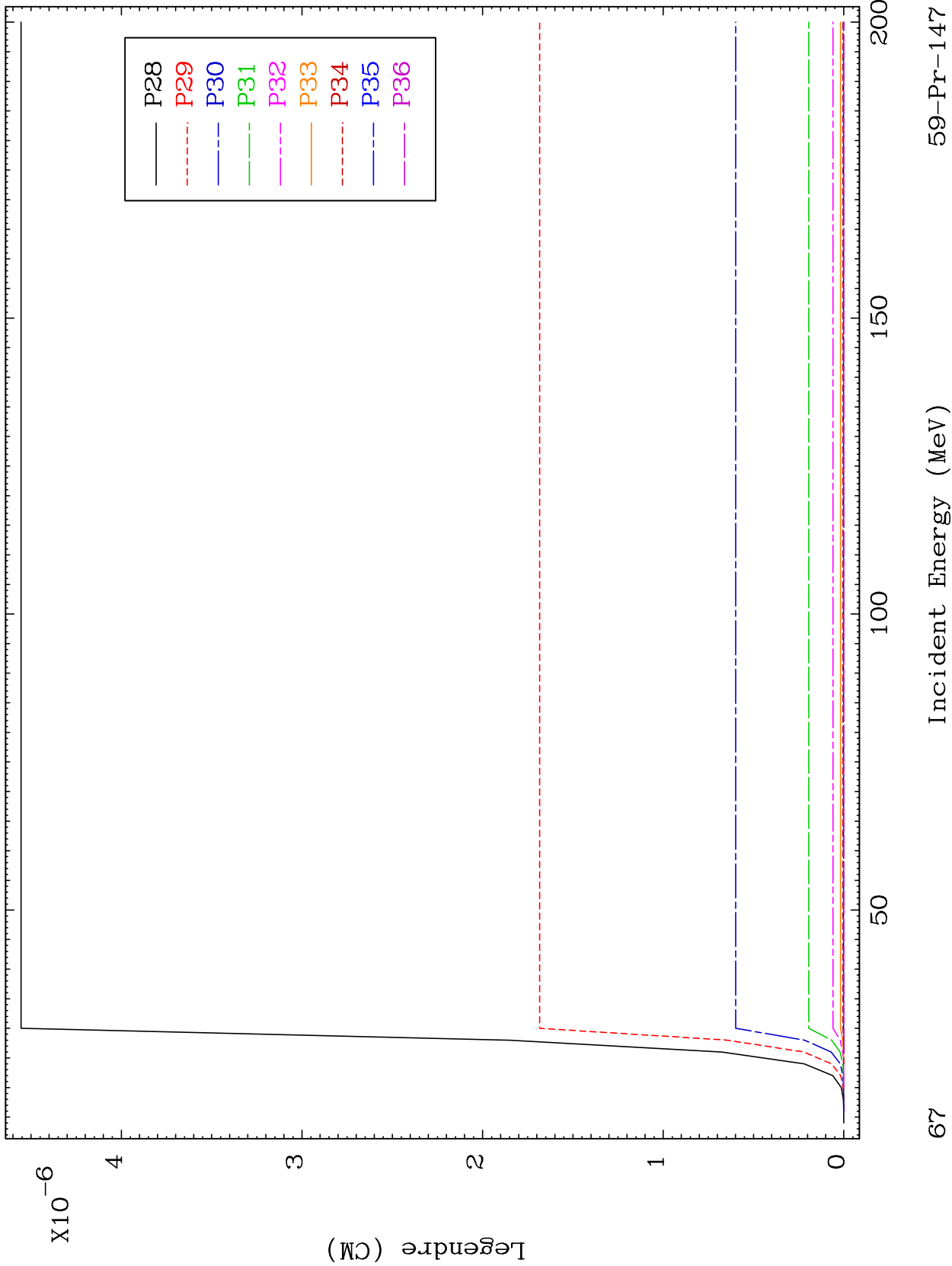
65



MAT 5943

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

59-Pr-147



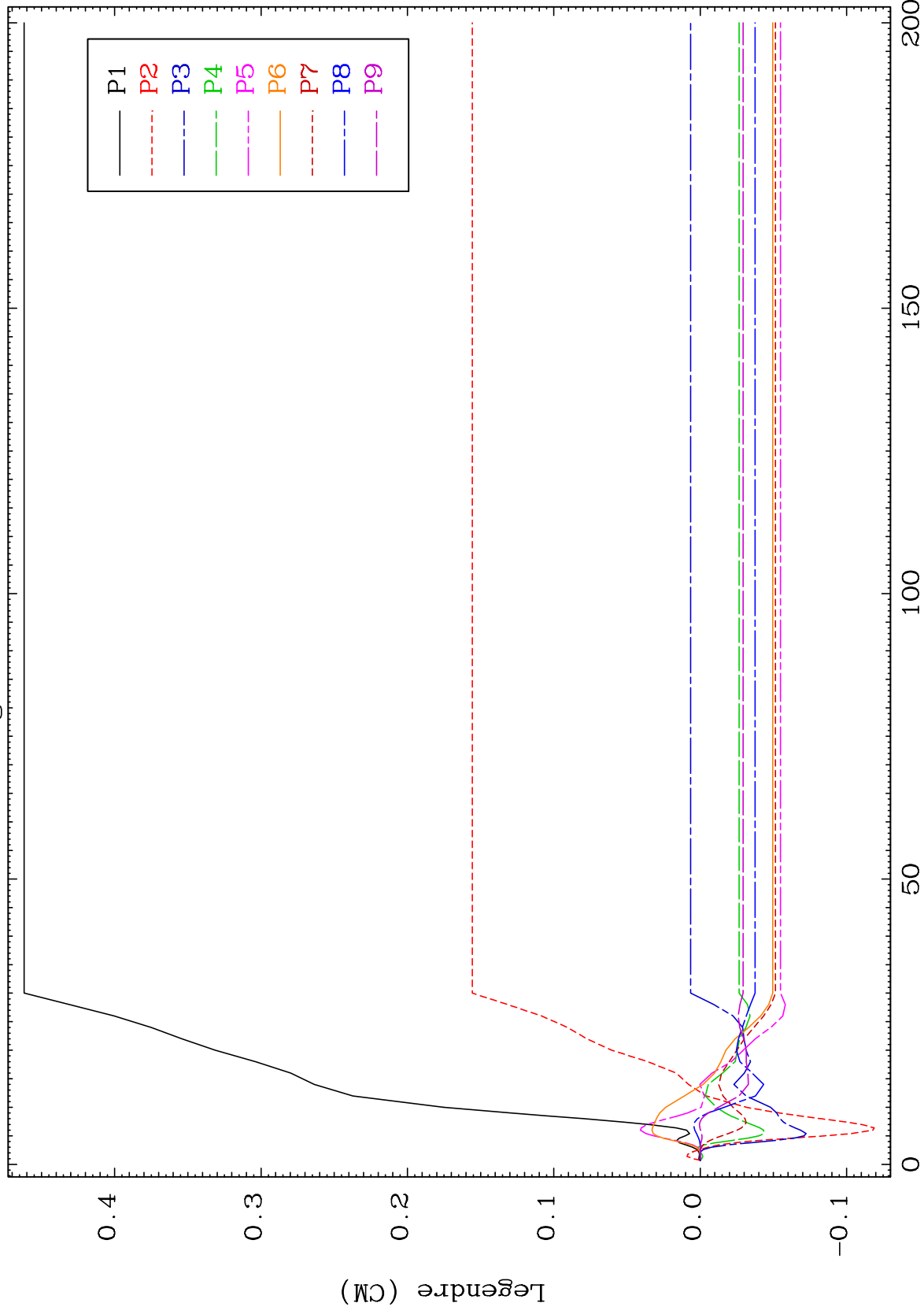
67

59-Pr-147

MAT 5943

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

59-Pr-147



59-Pr-147

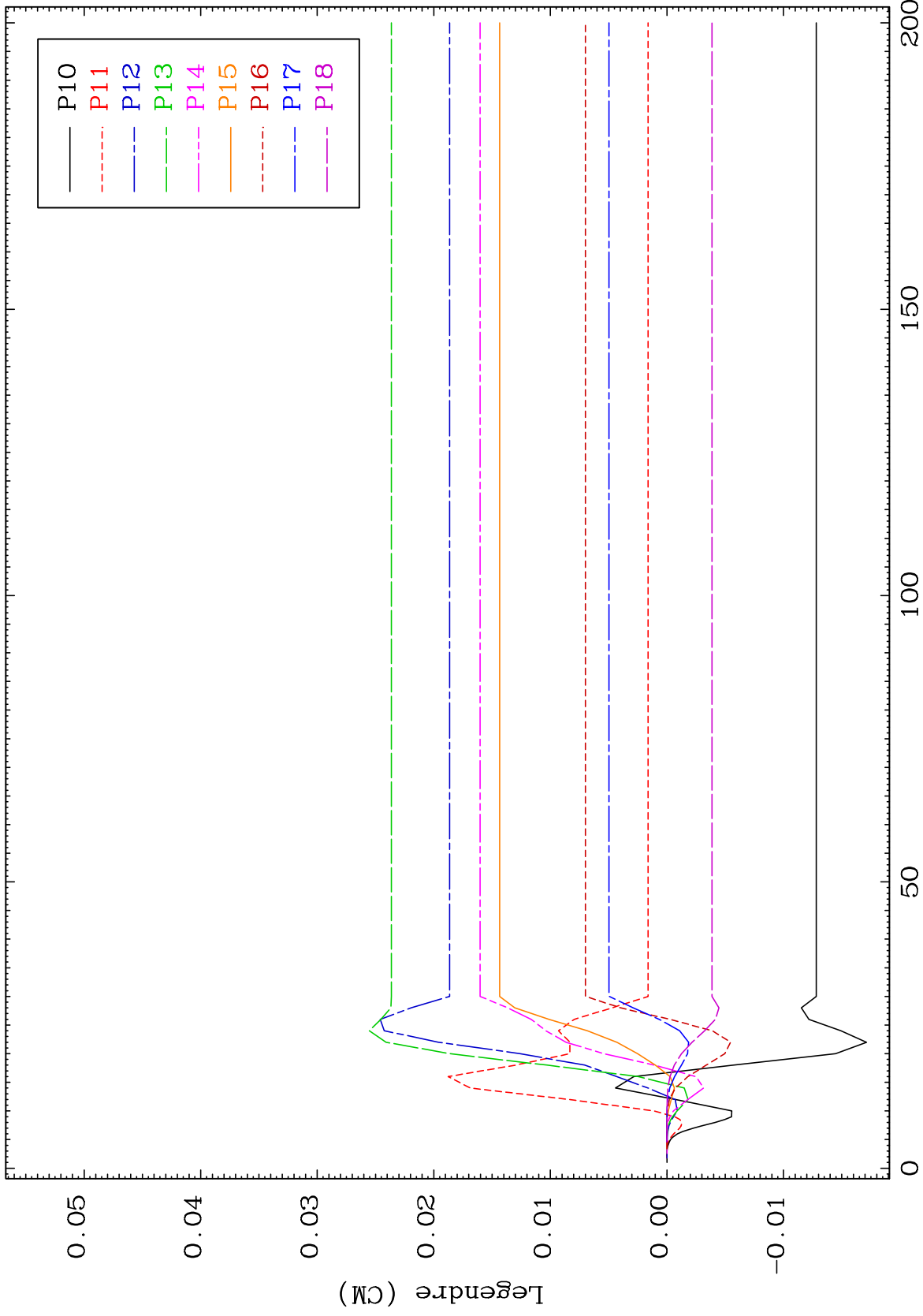
Incident Energy (MeV)

68

MAT 5943

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

59-Pr-147



69

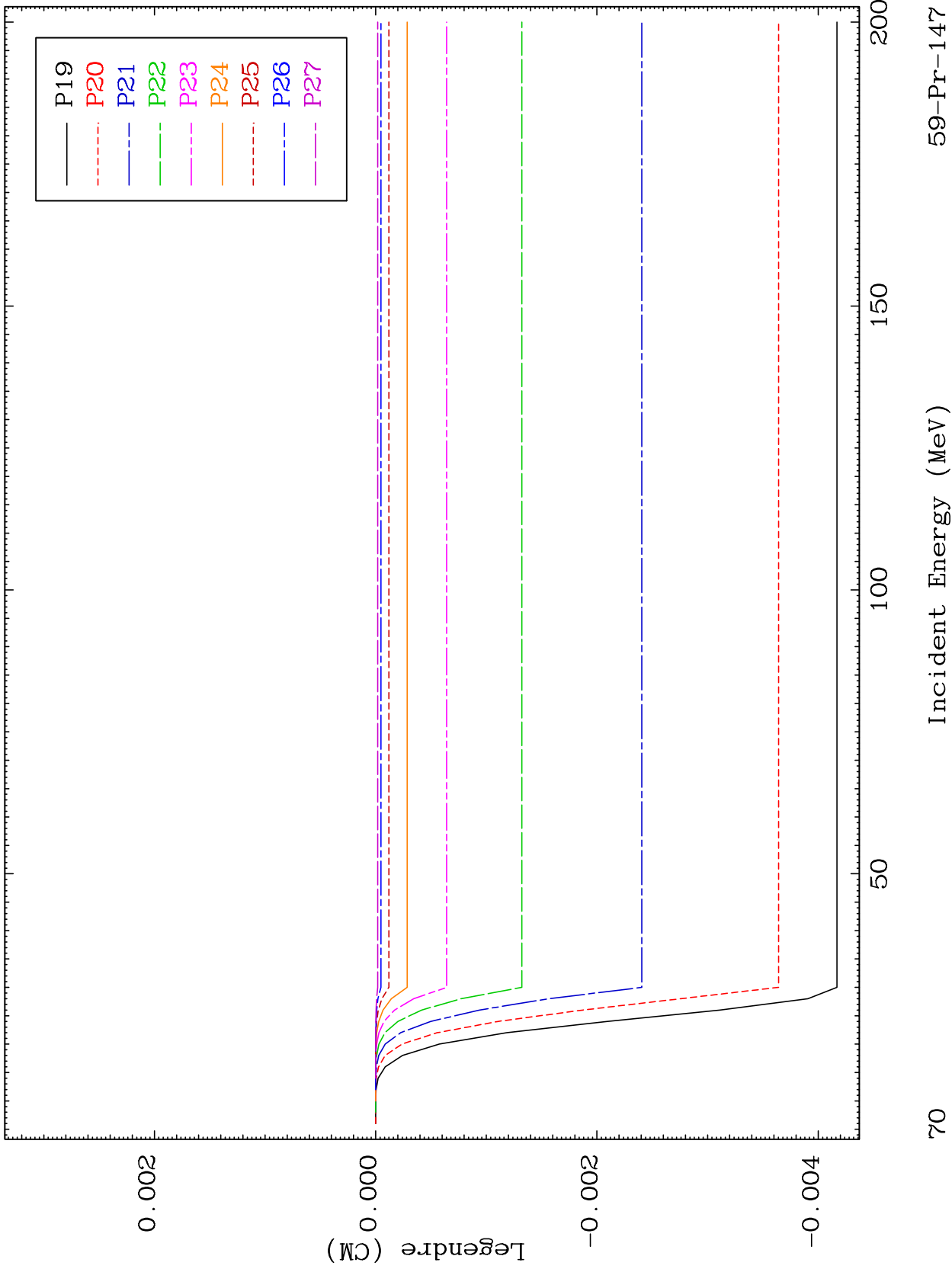
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



70

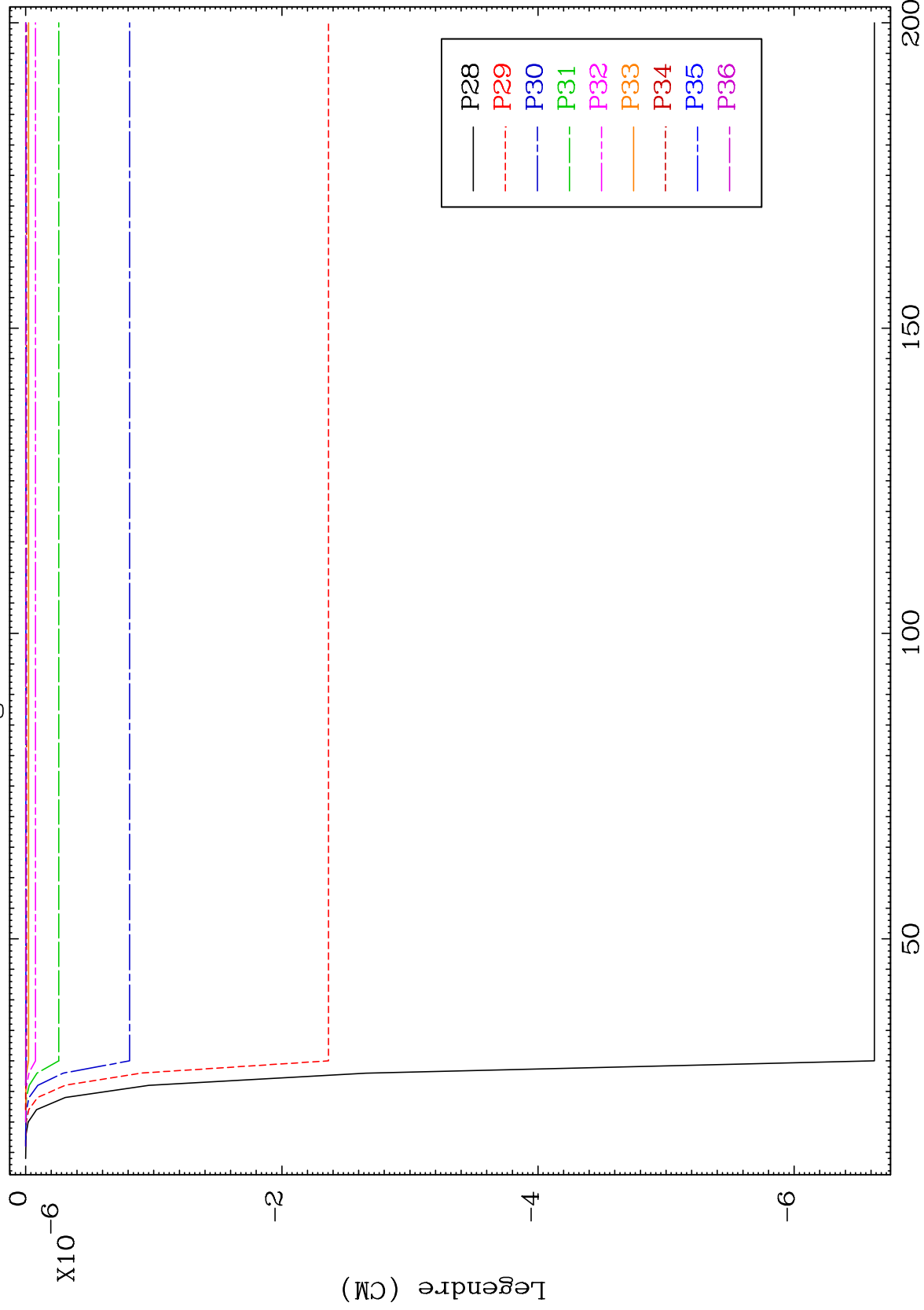
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



71

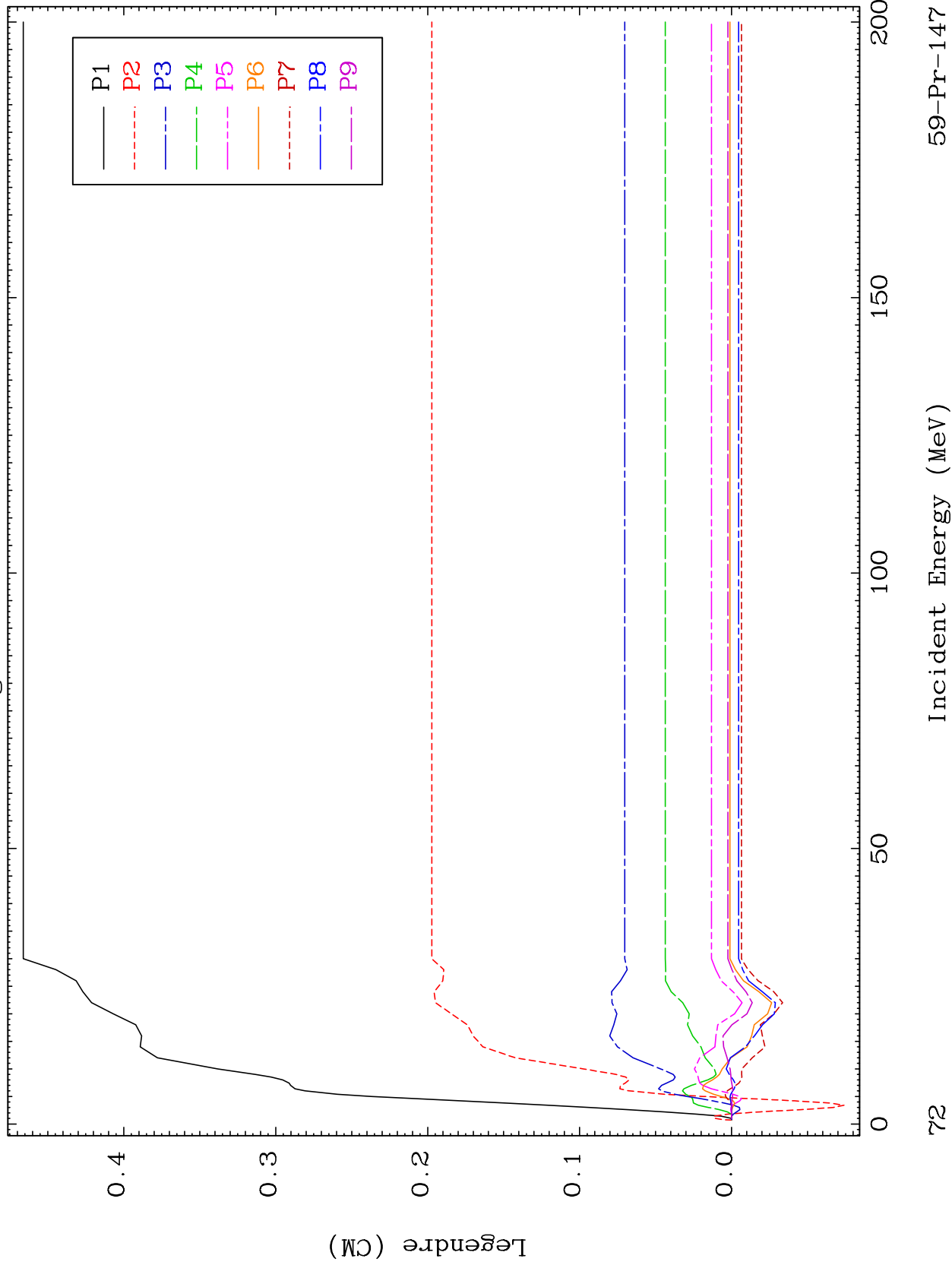
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



59-Pr-147

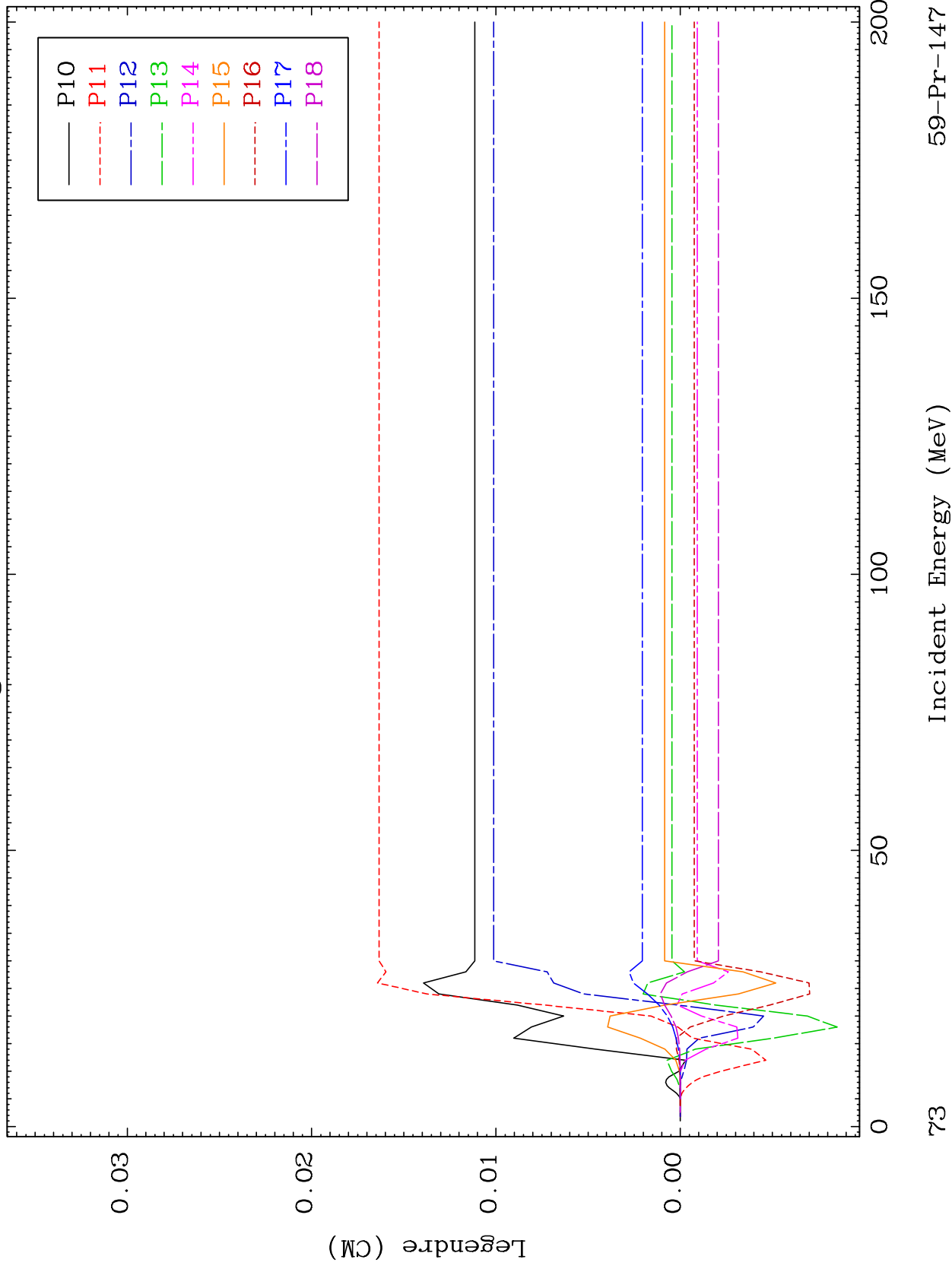
Incident Energy (MeV)

72

MAT 5943

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

59-Pr-147



59-Pr-147

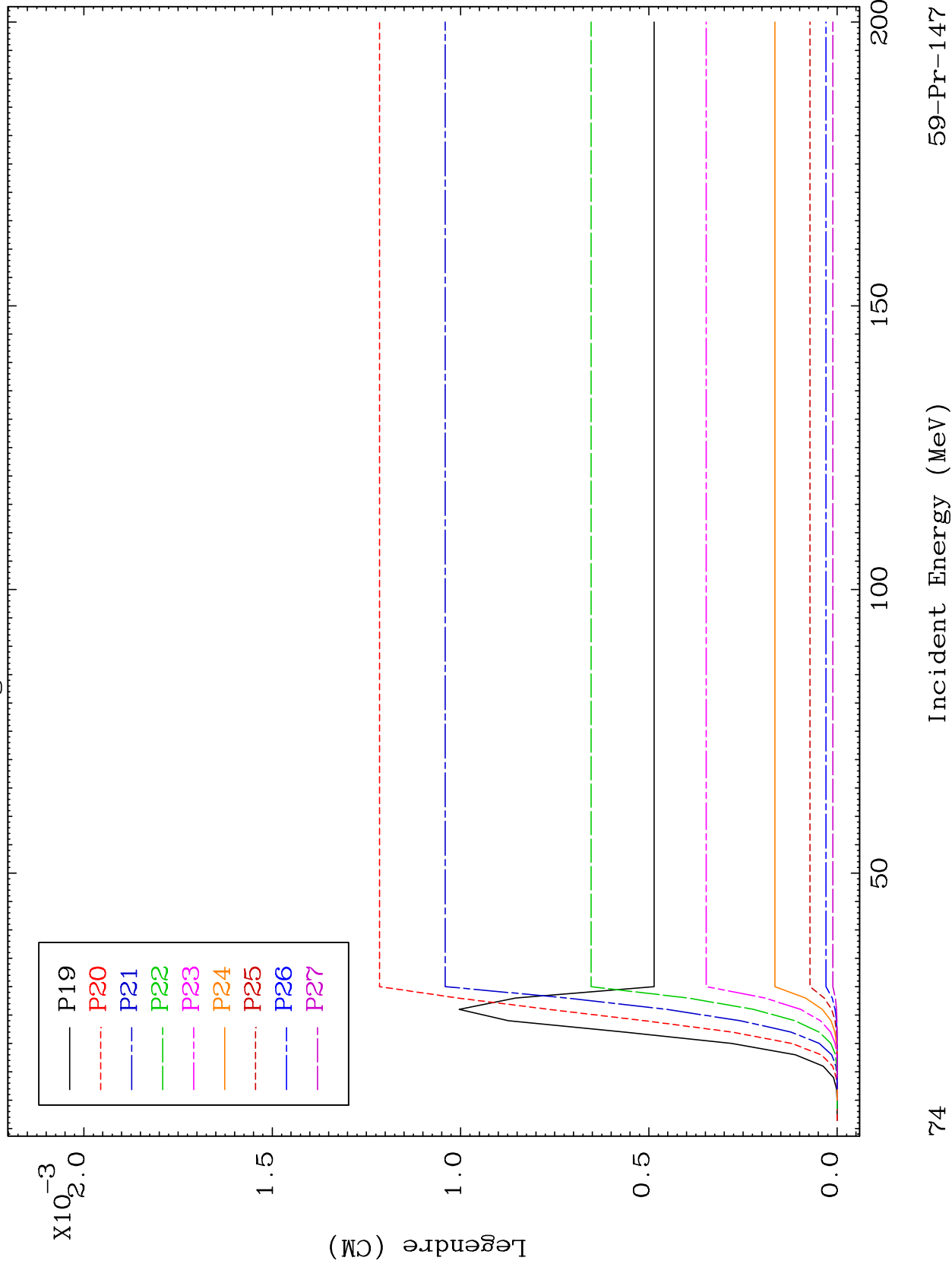
Incident Energy (MeV)

73

MAT 5943

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

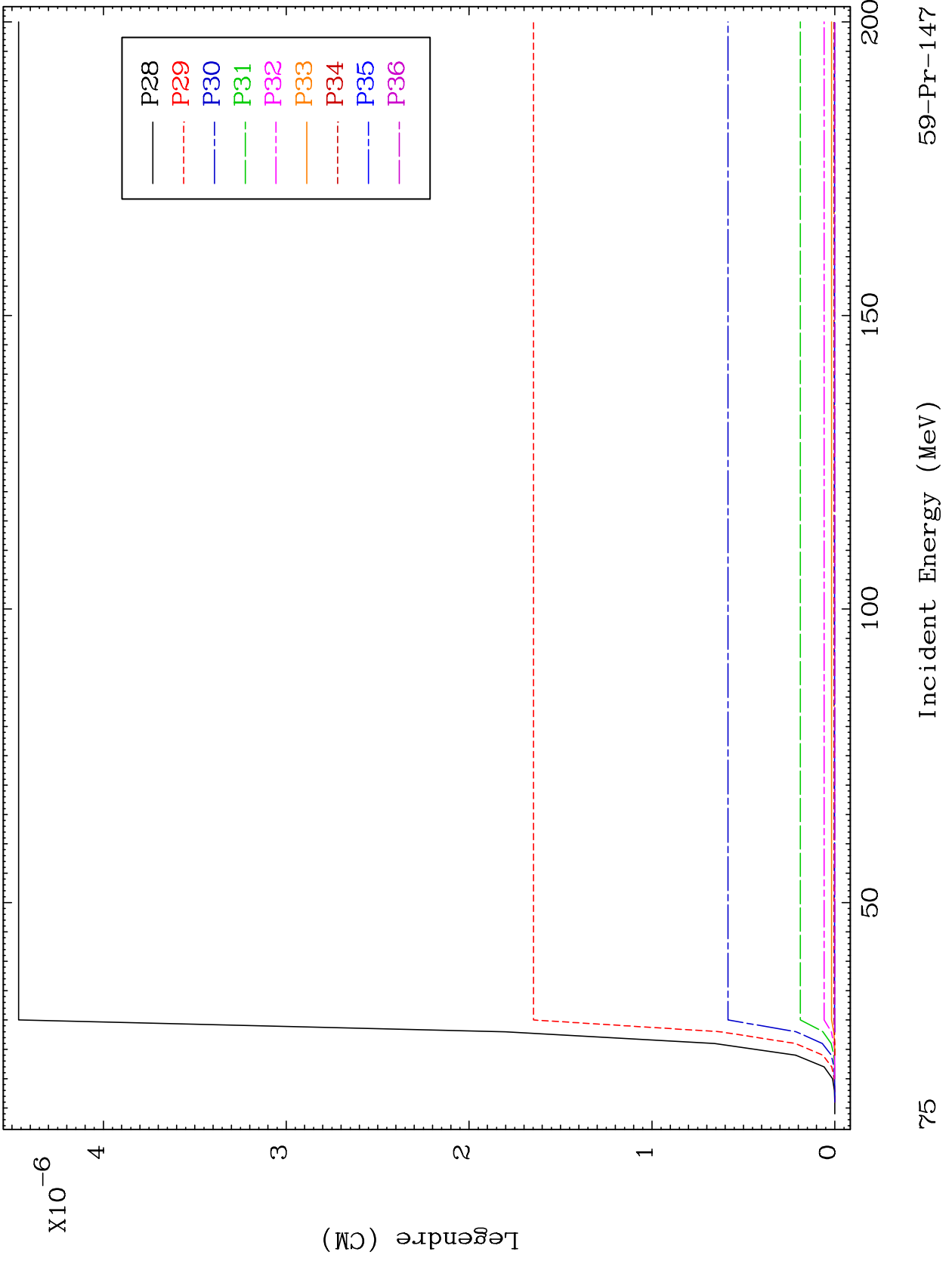
59-Pr-147



MAT 5943

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

59-Pr-147



75

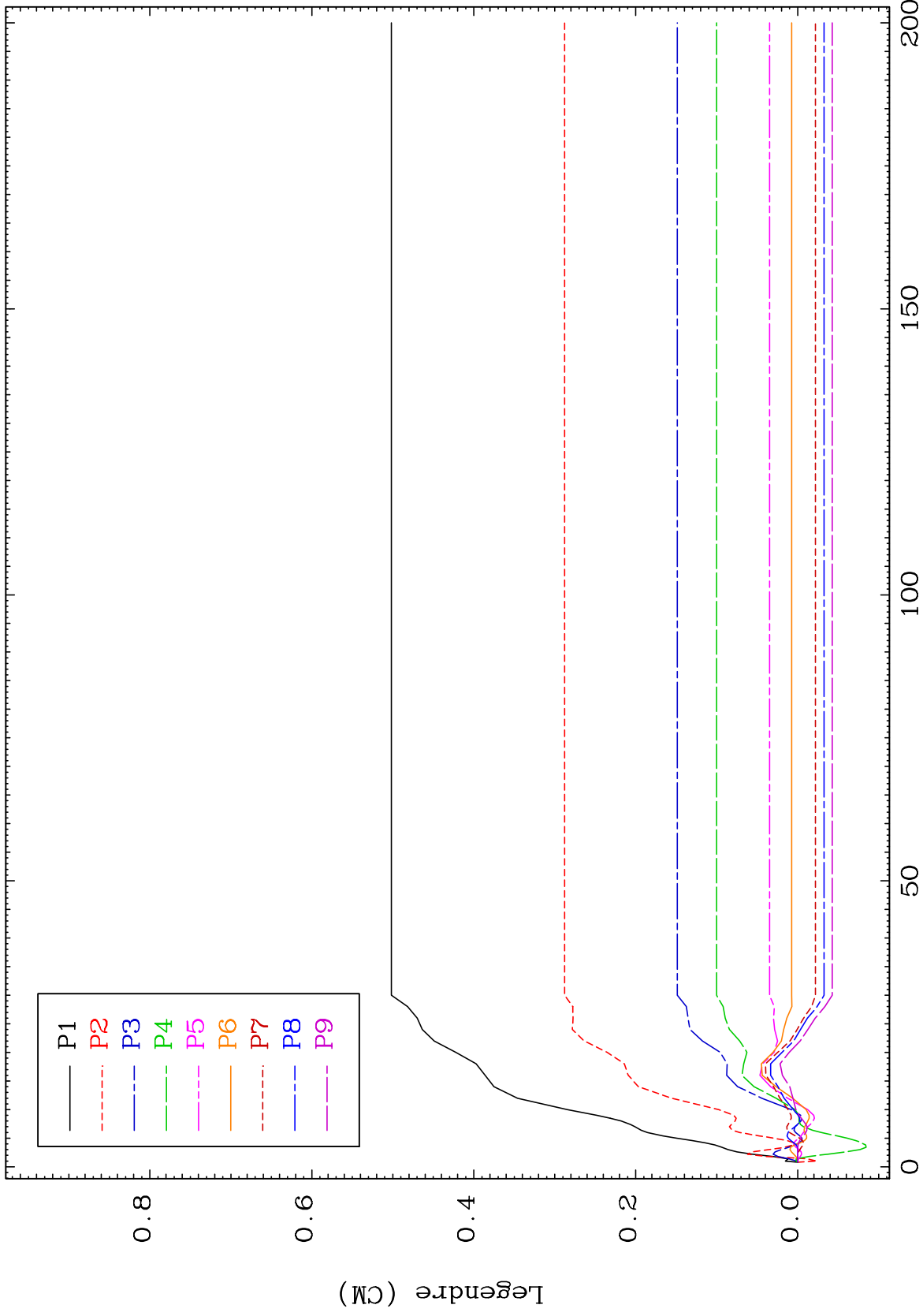
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



76

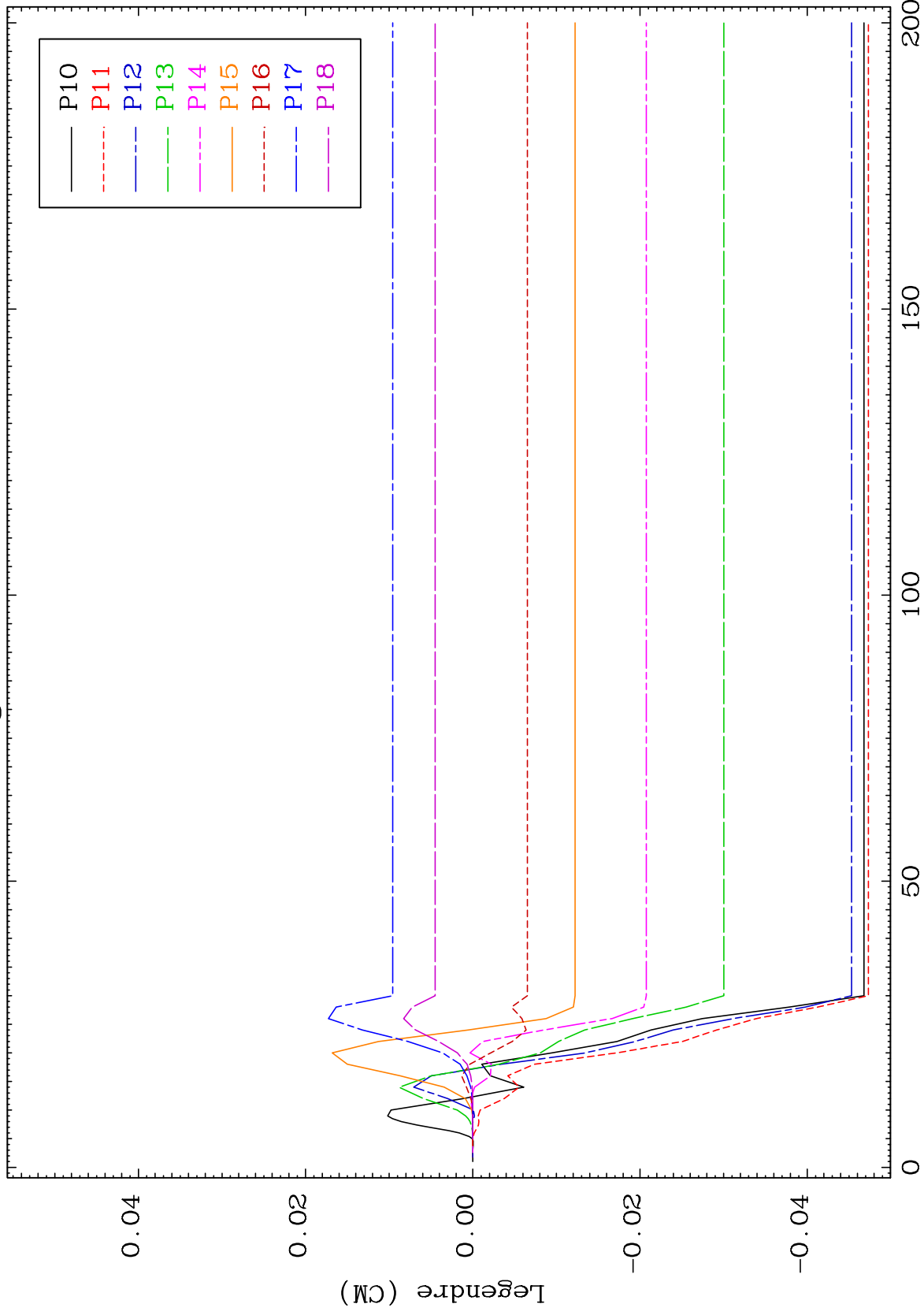
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



77

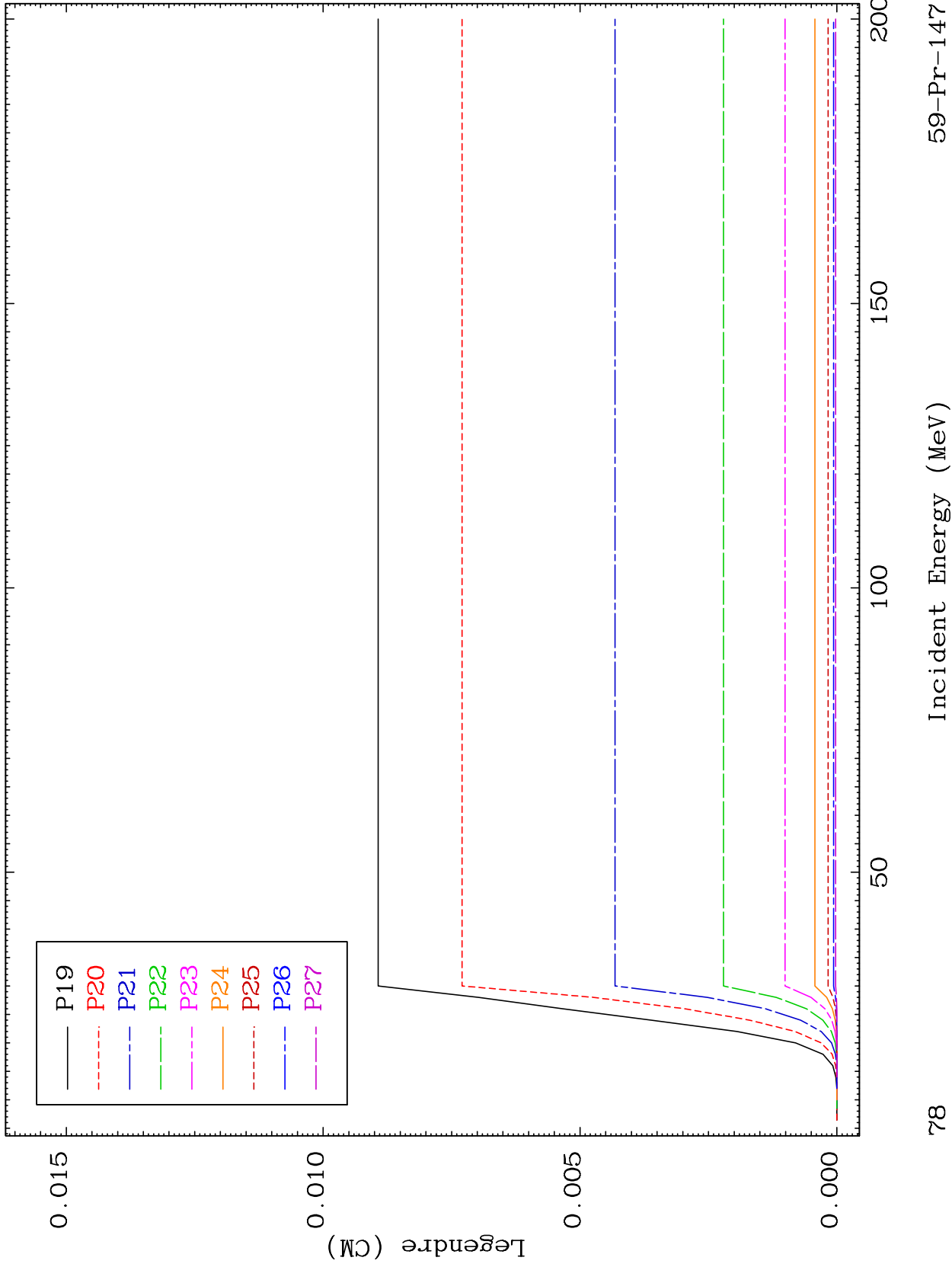
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



78

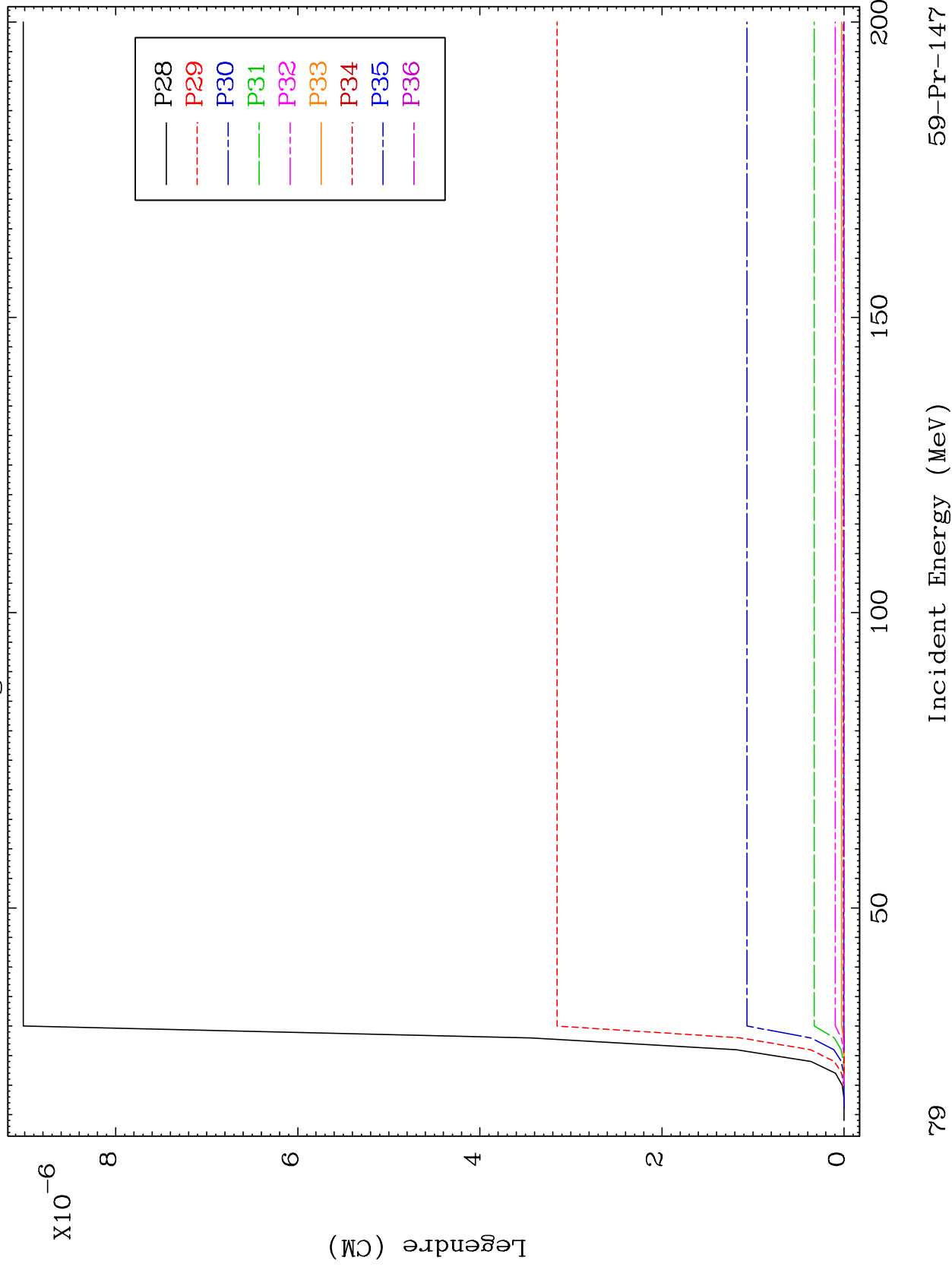
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



79

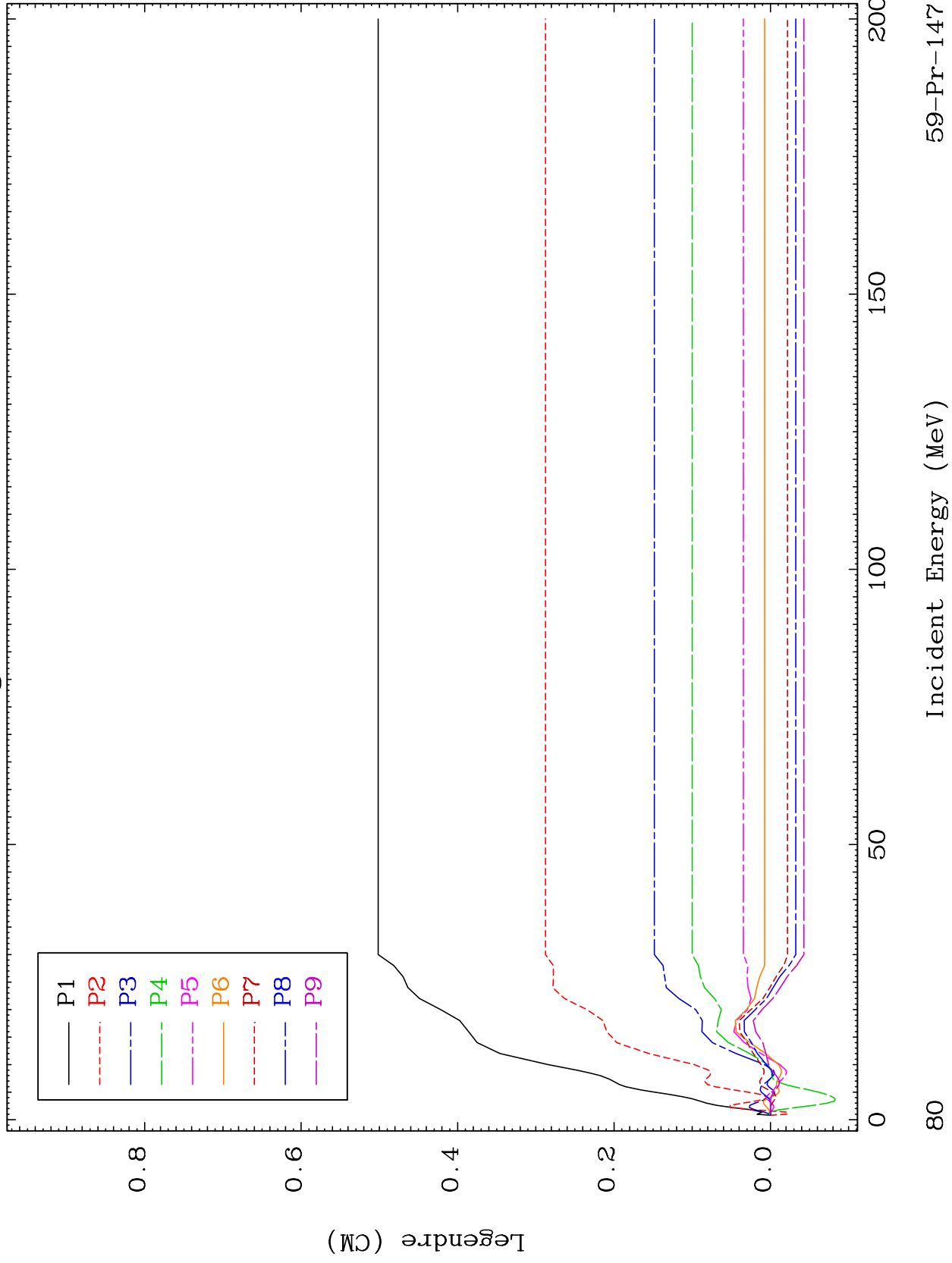
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



59-Pr-147

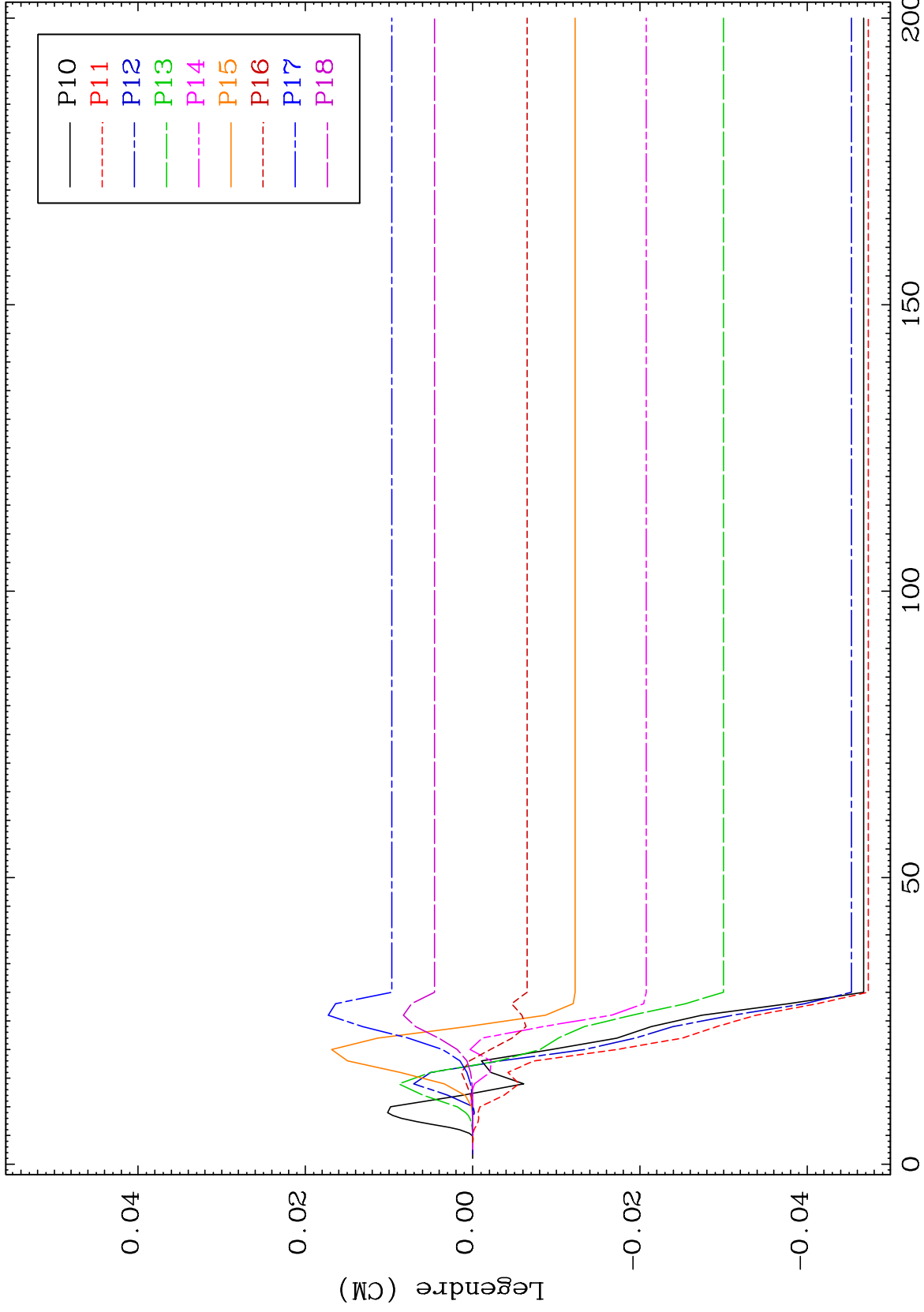
Incident Energy (MeV)

80

MAT 5943

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

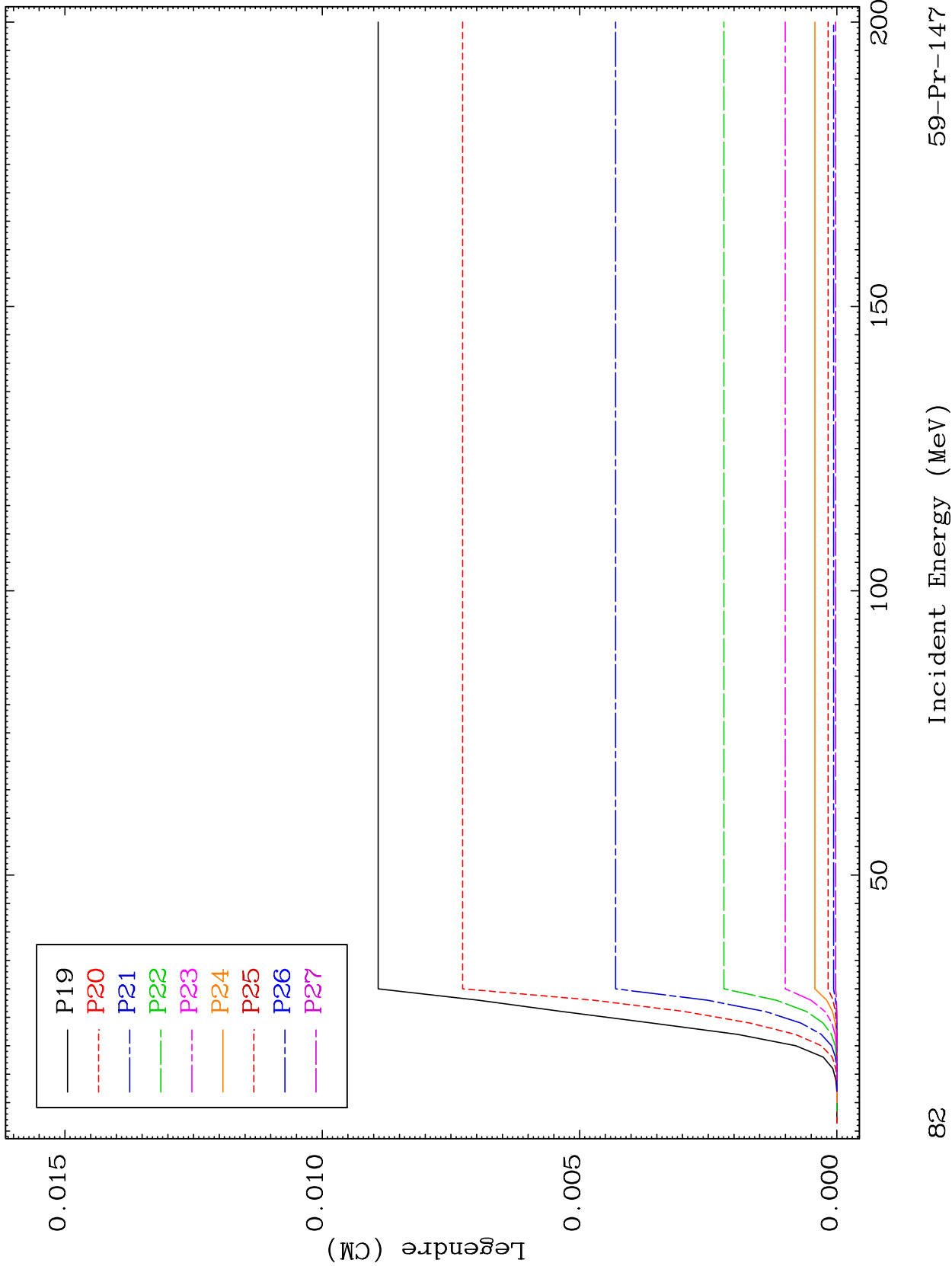
59-Pr-147

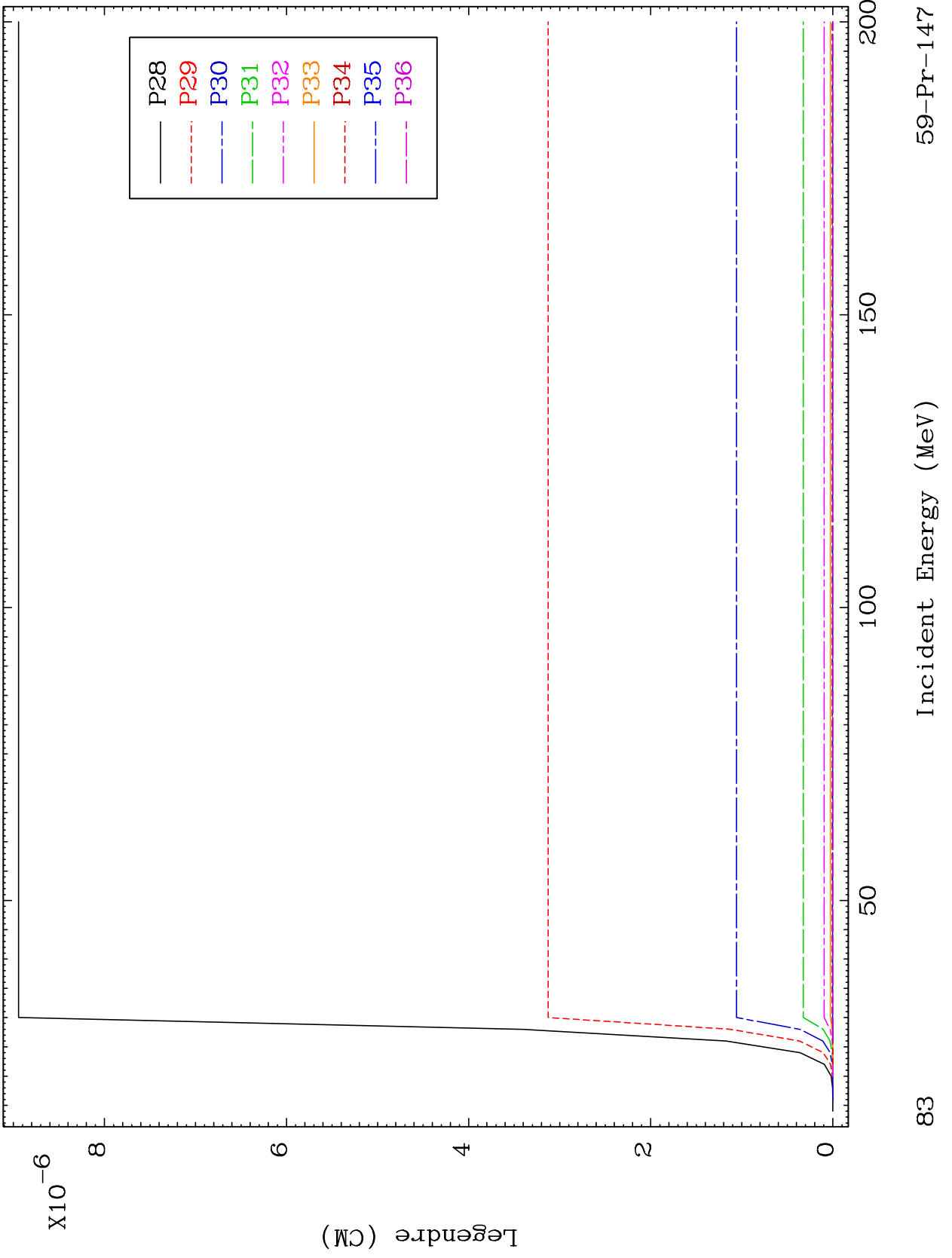


81

Incident Energy (MeV)

59-Pr-147

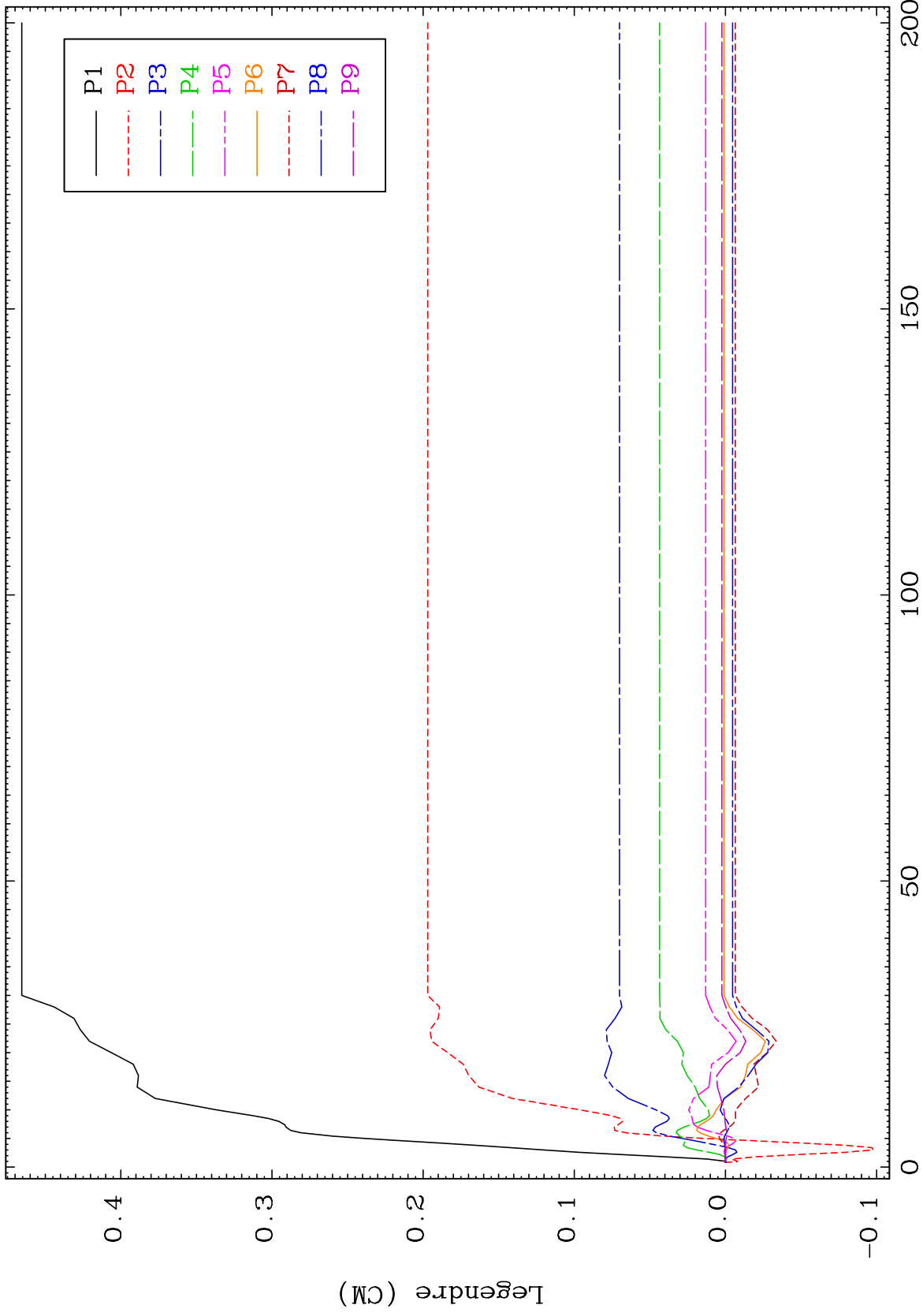




MAT 5943

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

59-Pr-147



84

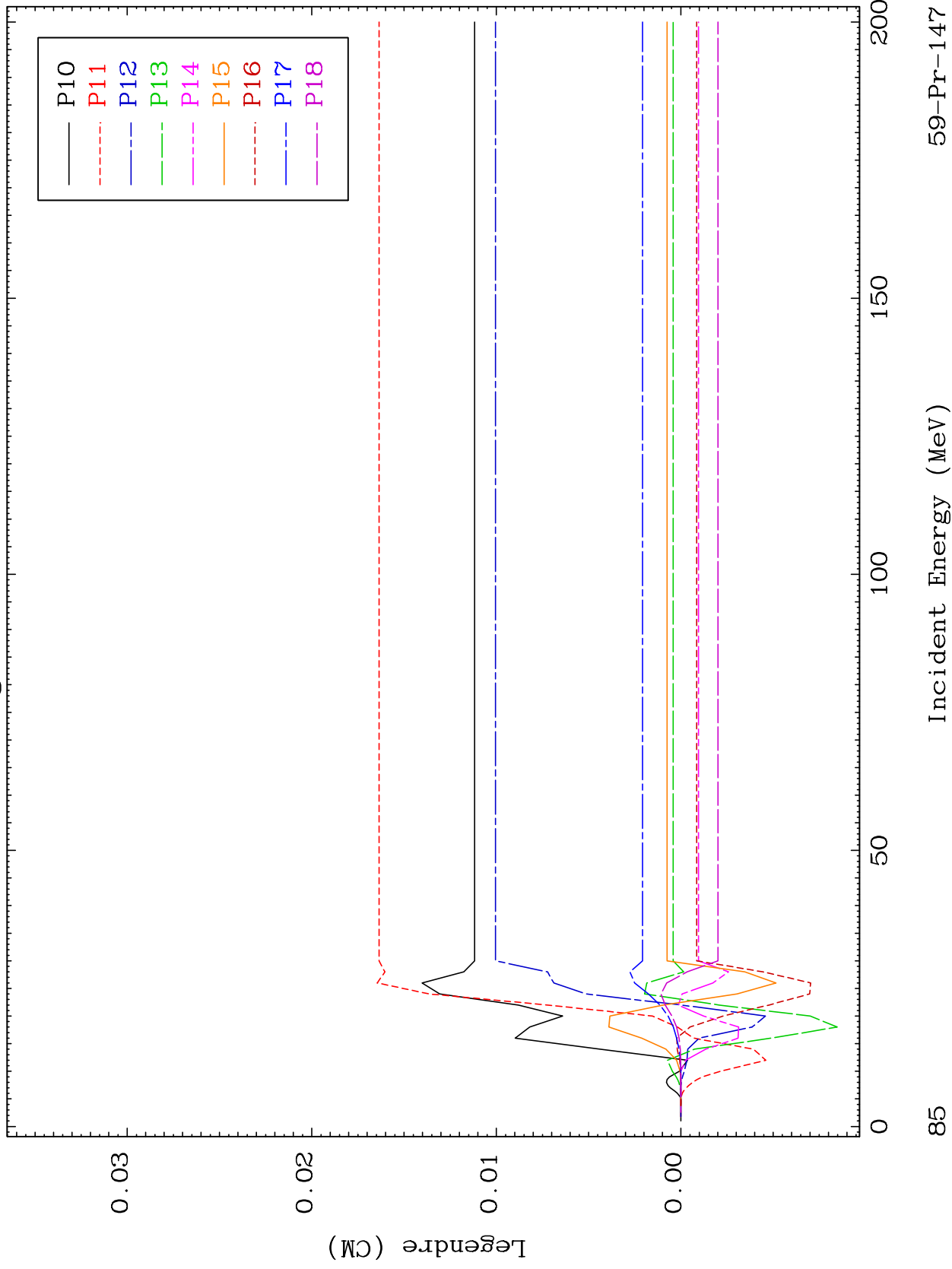
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

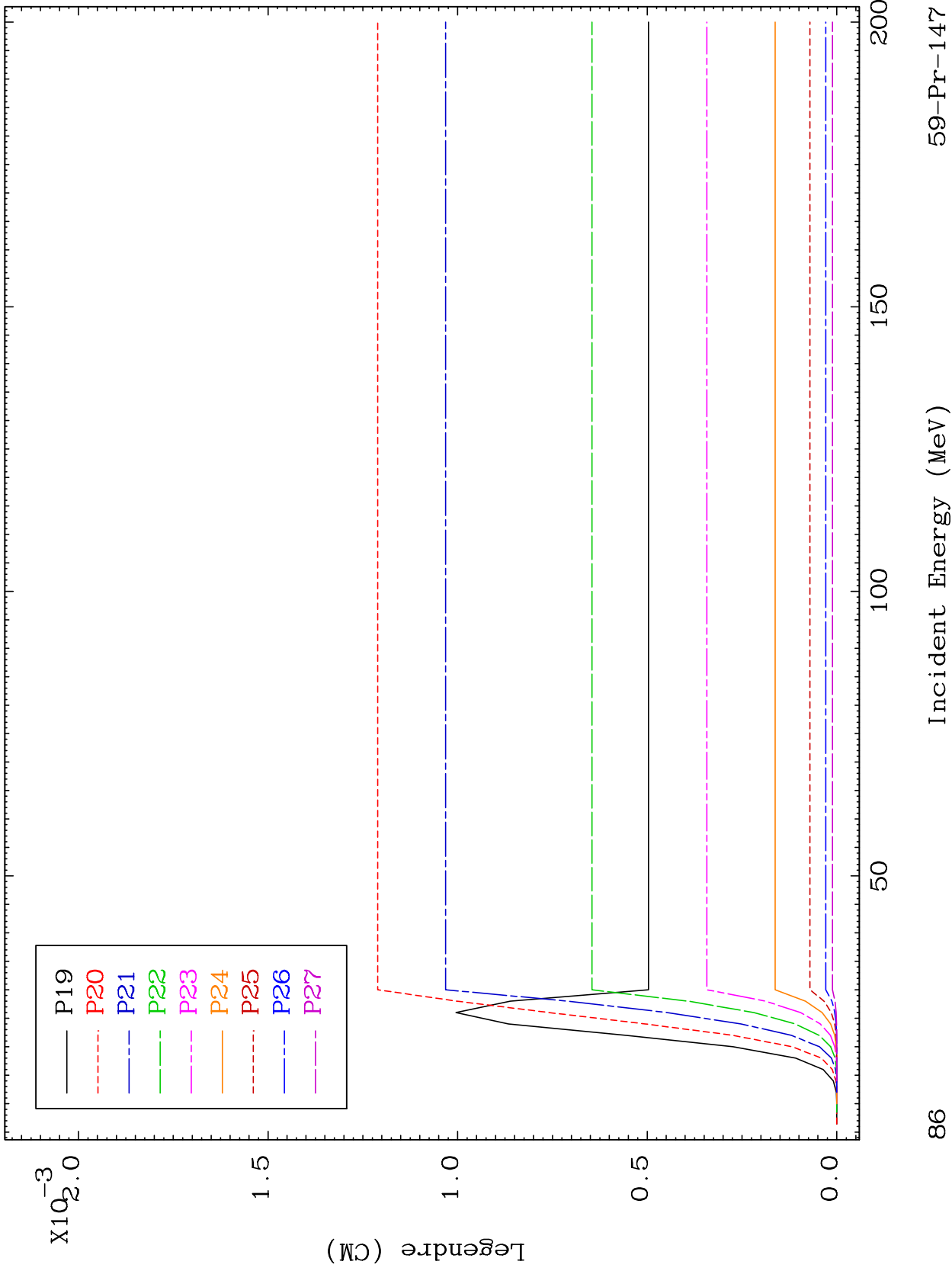
59-Pr-147



59-Pr-147

Incident Energy (MeV)

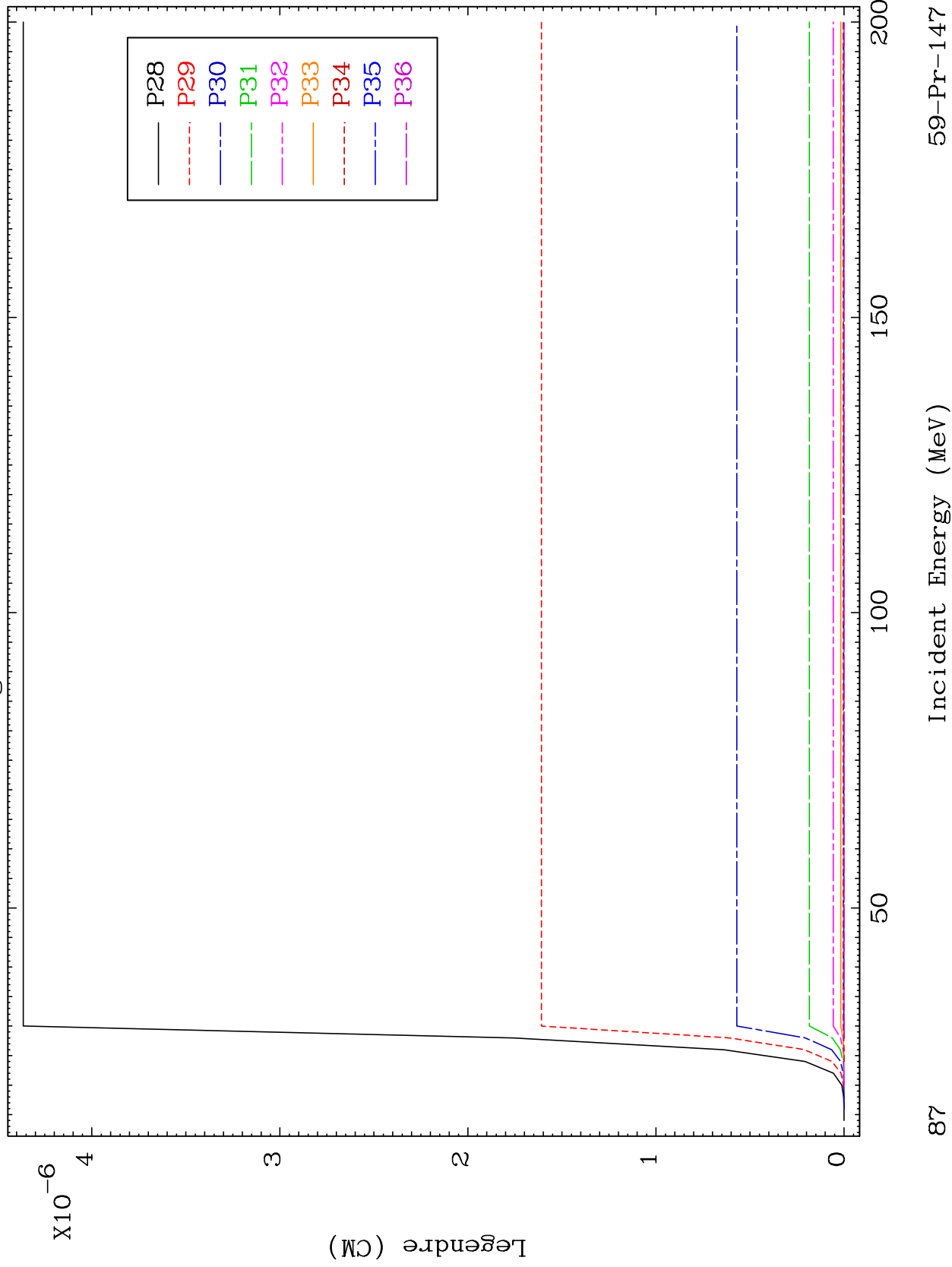
85



MAT 5943

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

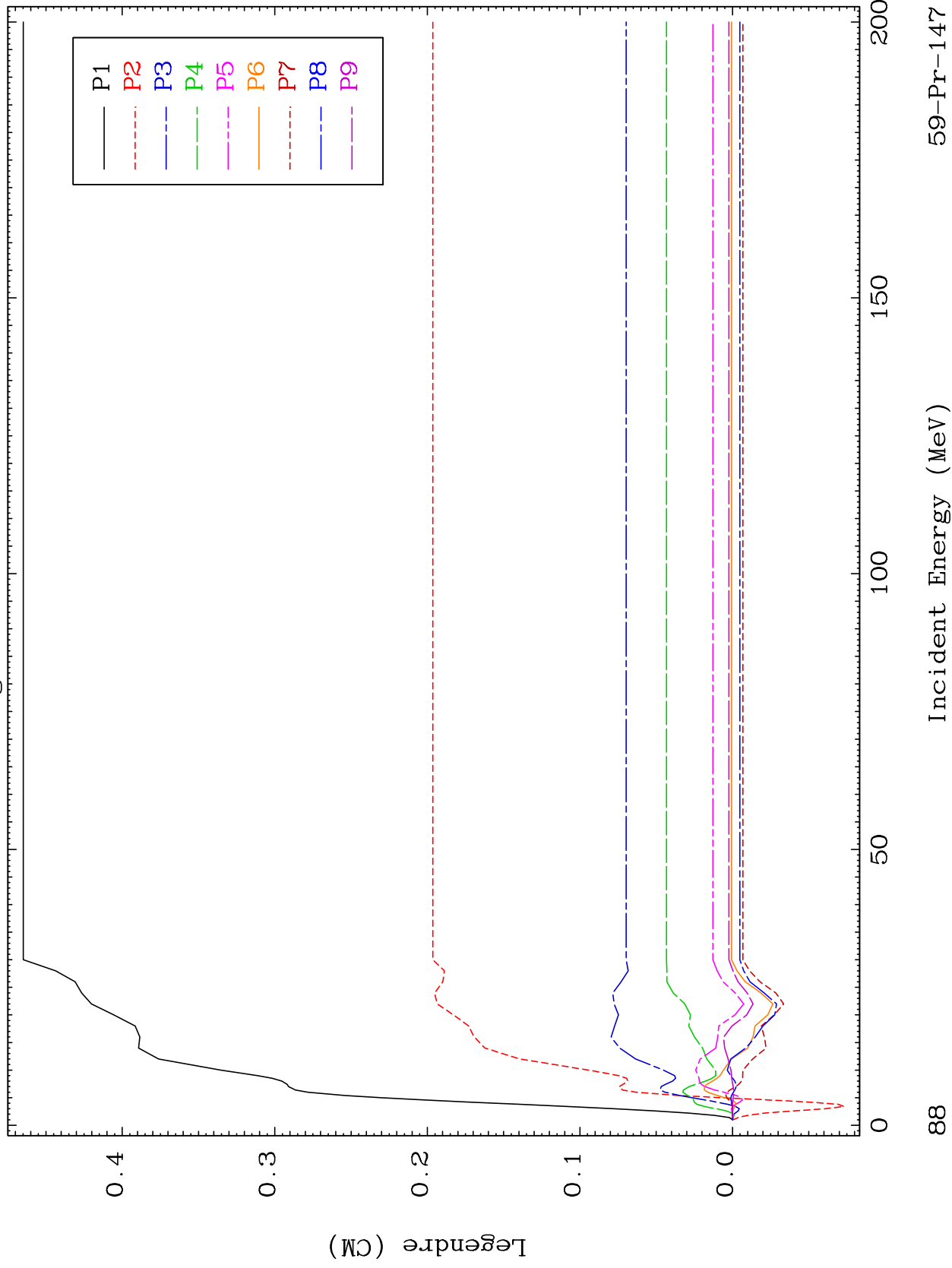
59-Pr-147



MAT 5943

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

59-Pr-147



59-Pr-147

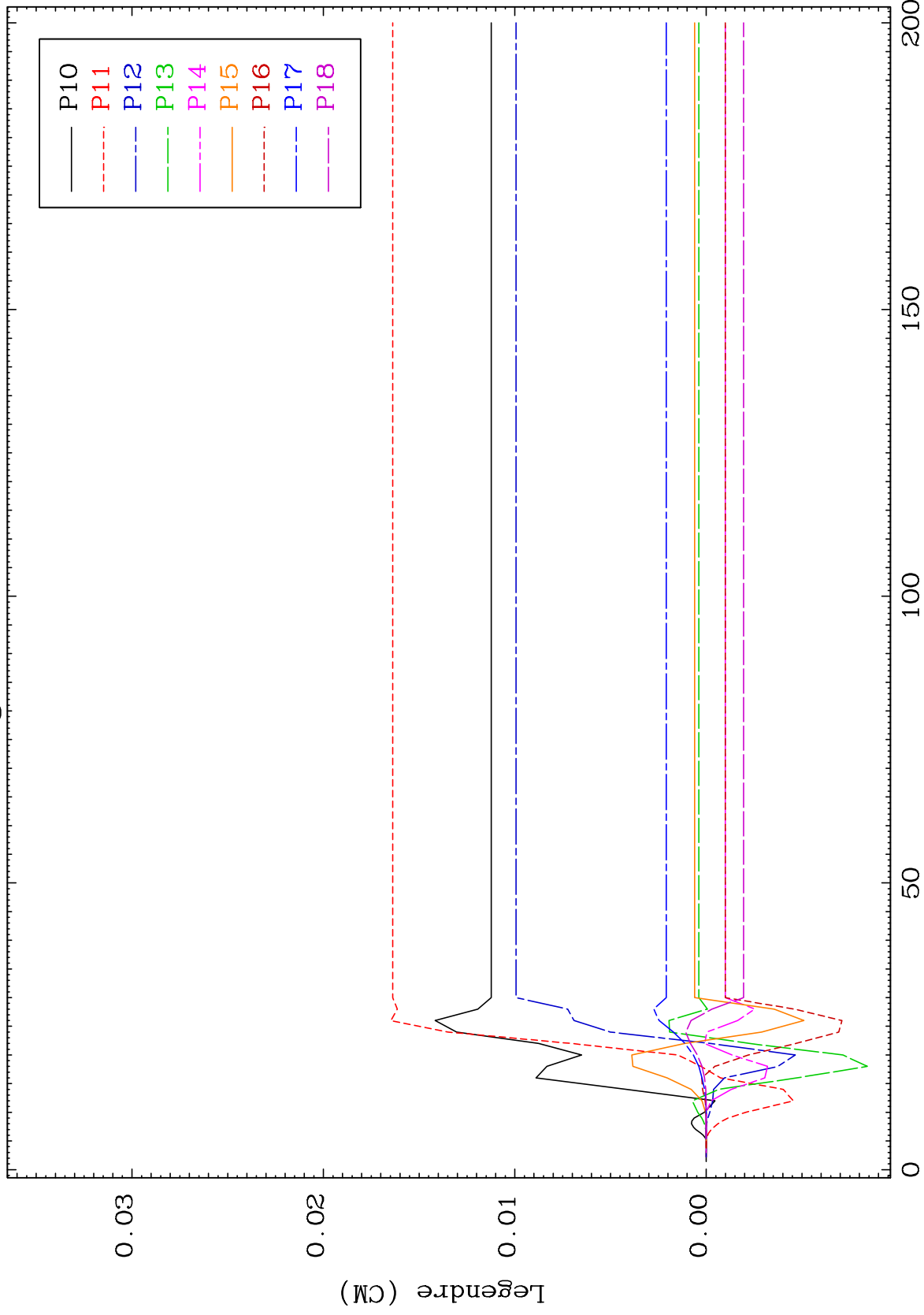
Incident Energy (MeV)

88

MAT 5943

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

59-Pr-147



89

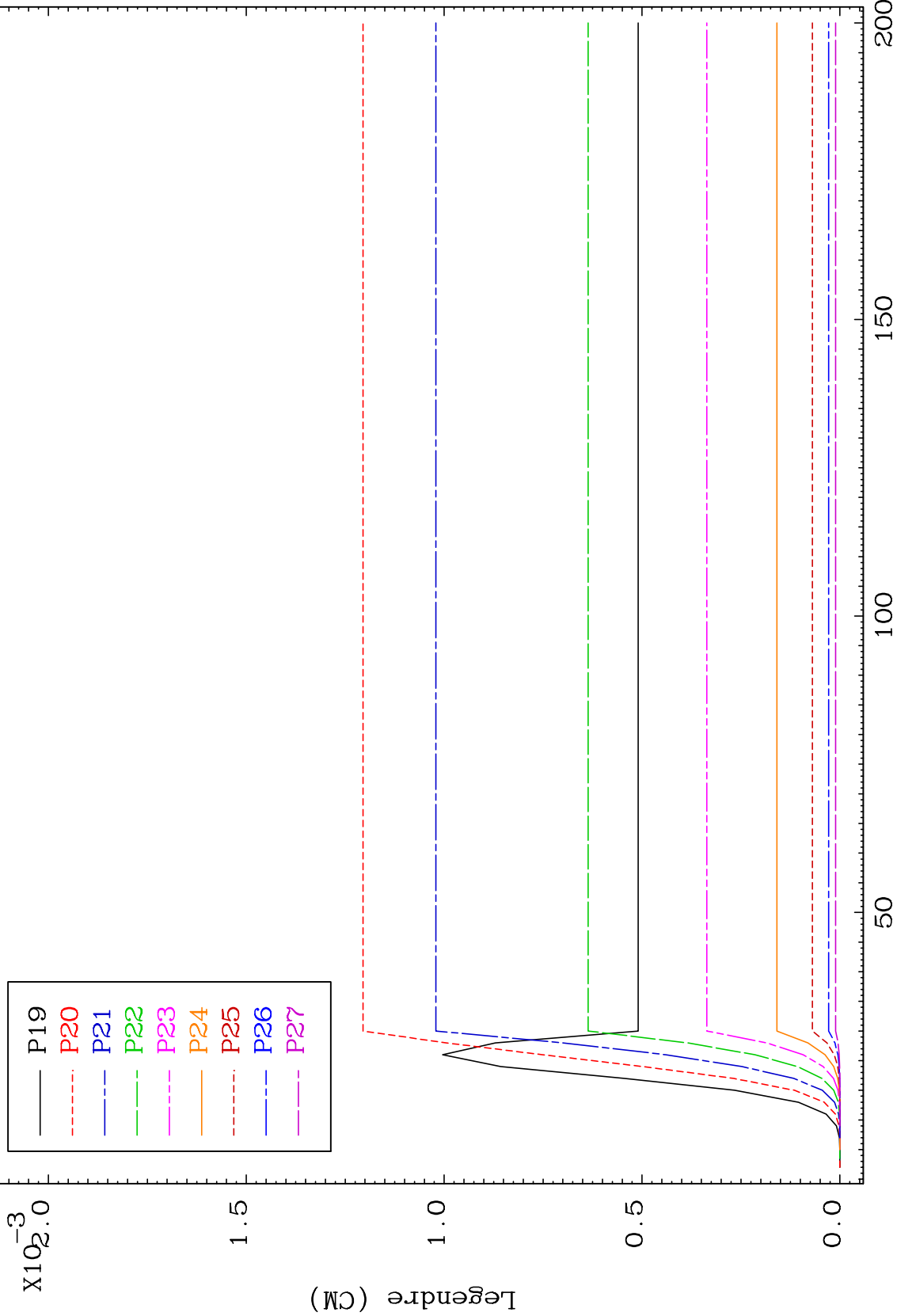
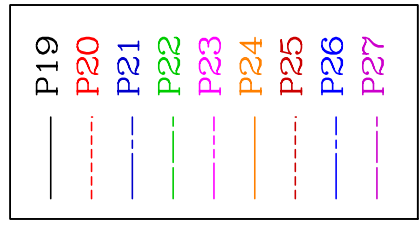
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



90

Incident Energy (MeV)

50

100

150

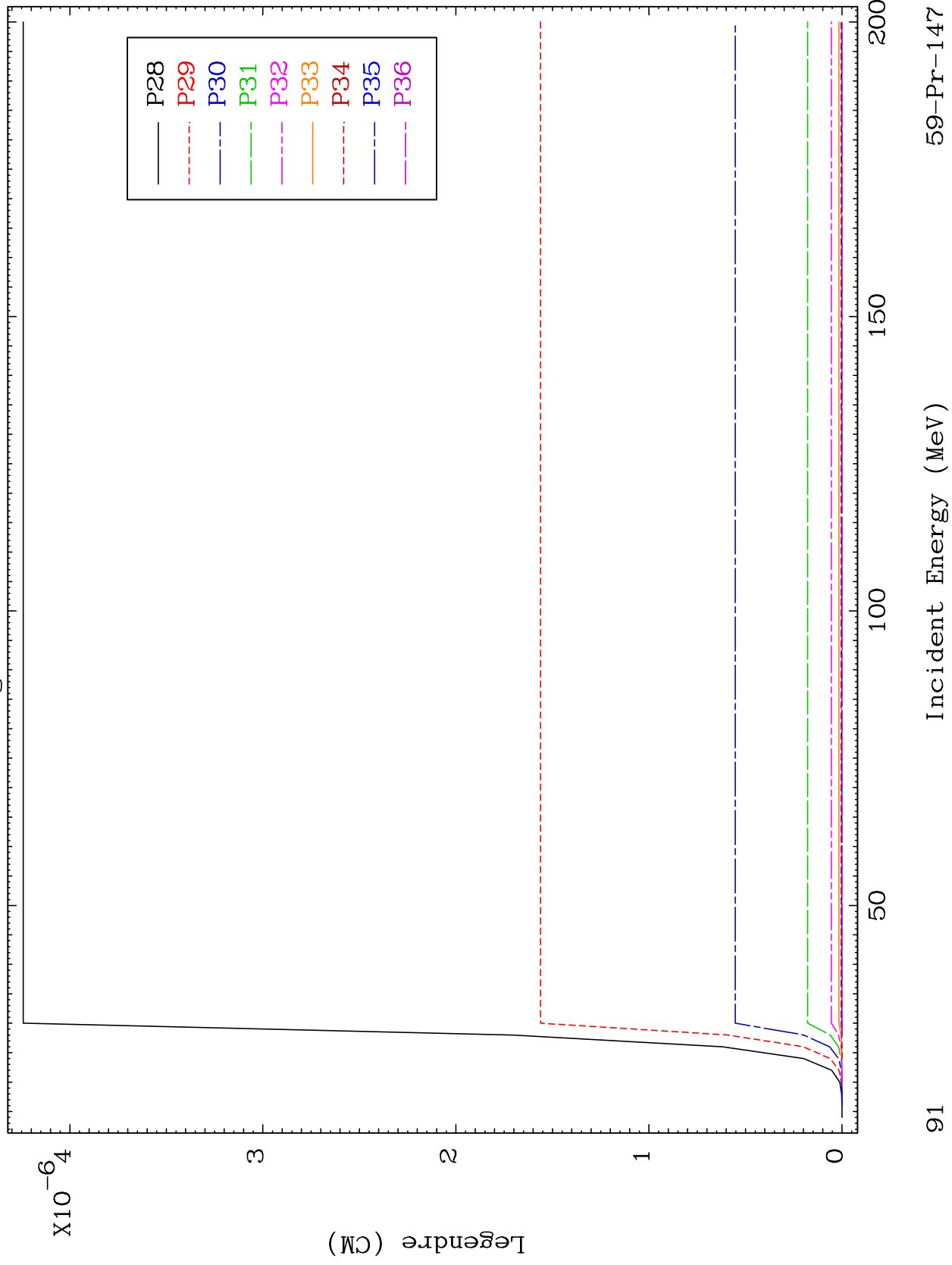
200

59-Pr-147

MAT 5943

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

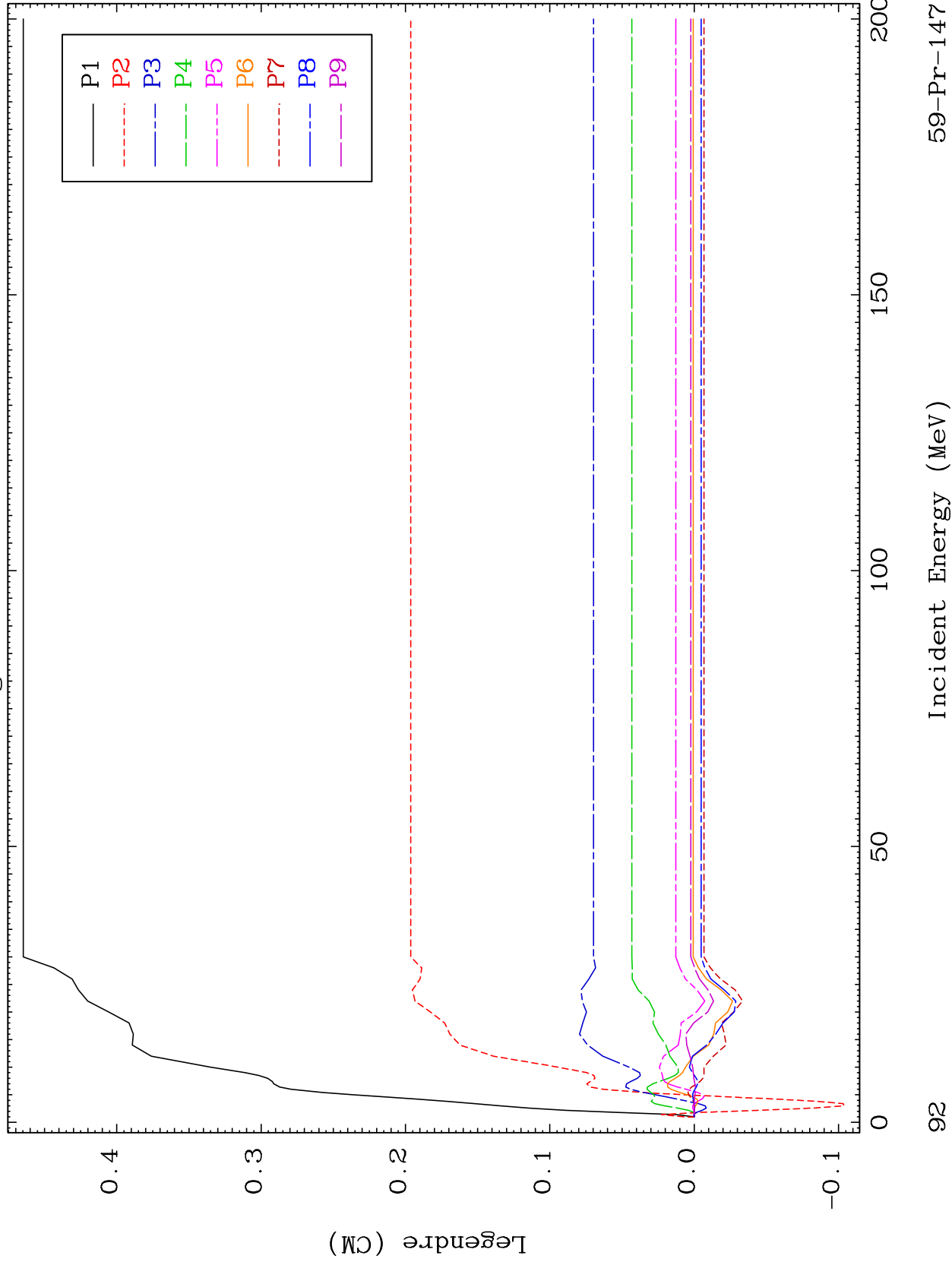
59-Pr-147



MAT 5943

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

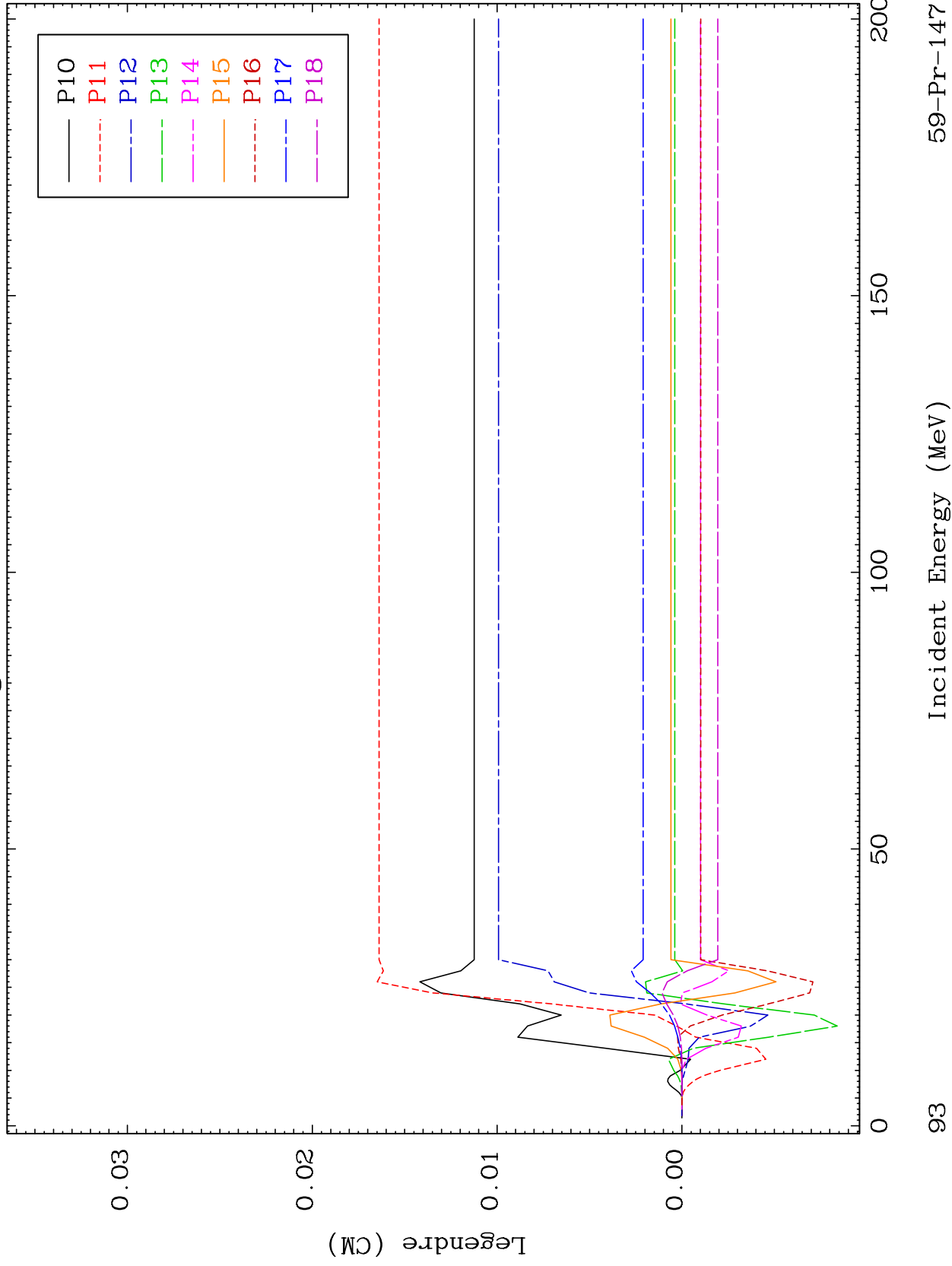
59-Pr-147



MAT 5943

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

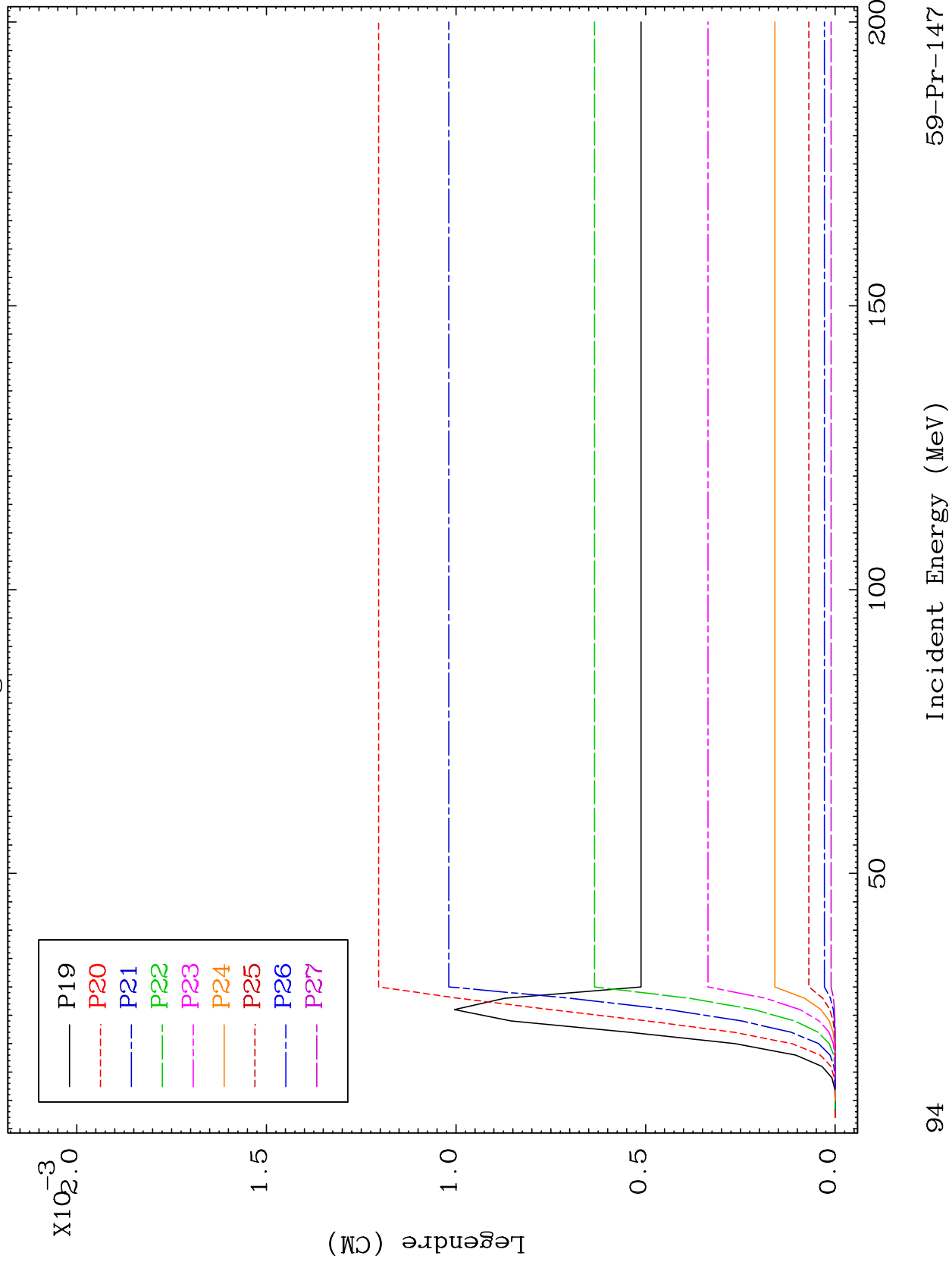
59-Pr-147



MAT 5943

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

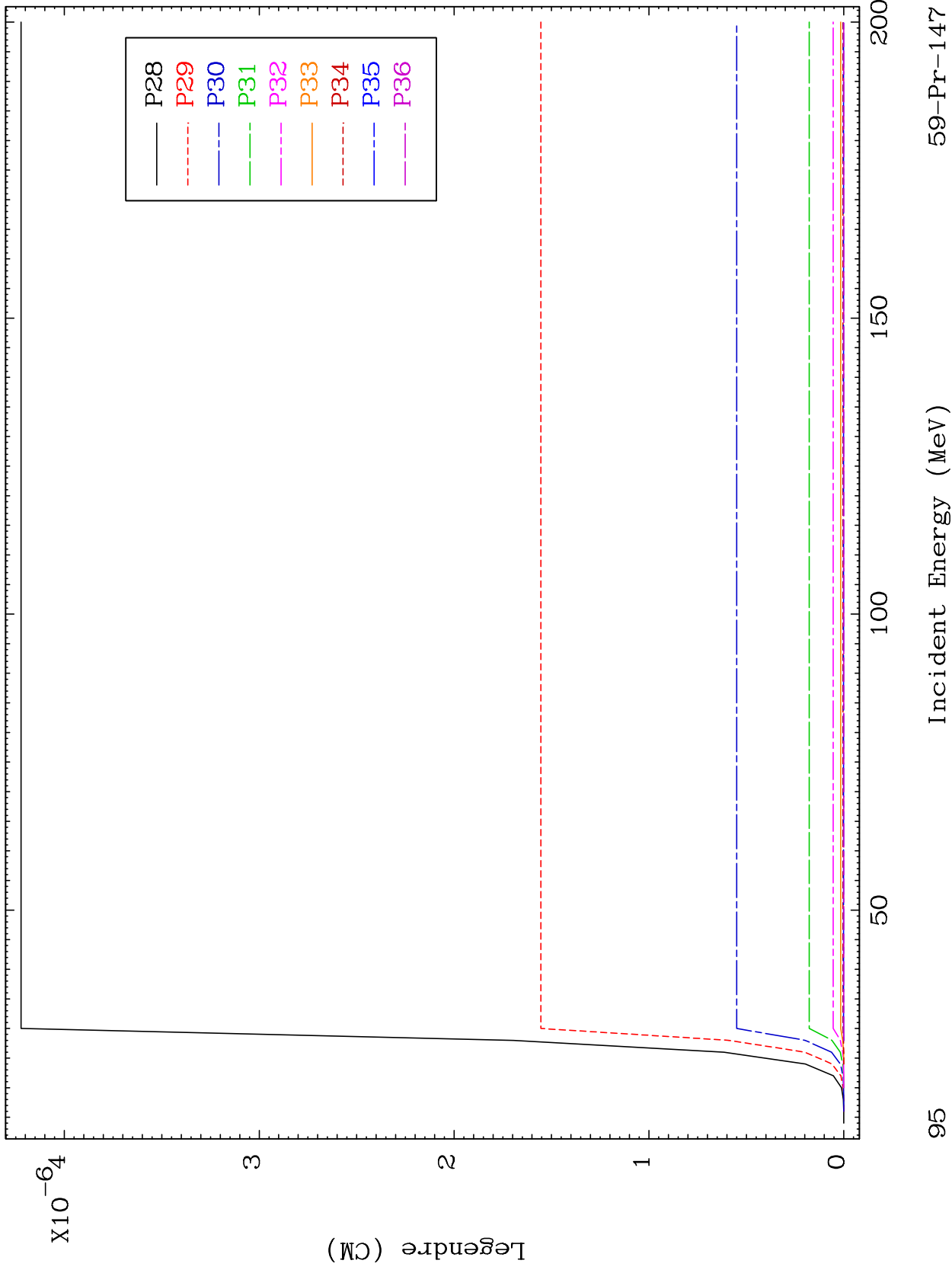
59-Pr-147



MAT 5943

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

59-Pr-147

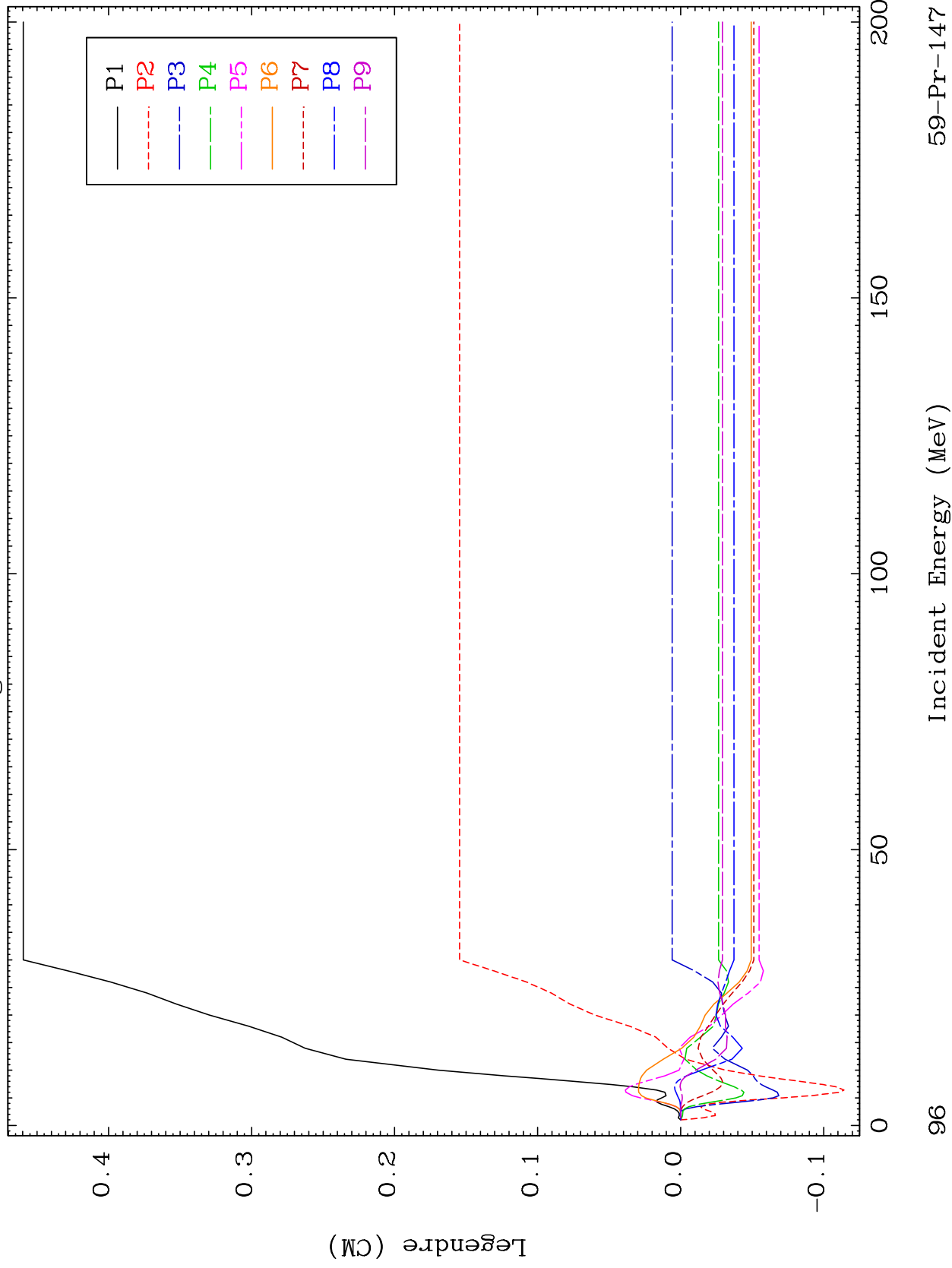


59-Pr-147

MAT 5943

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

59-Pr-147



59-Pr-147

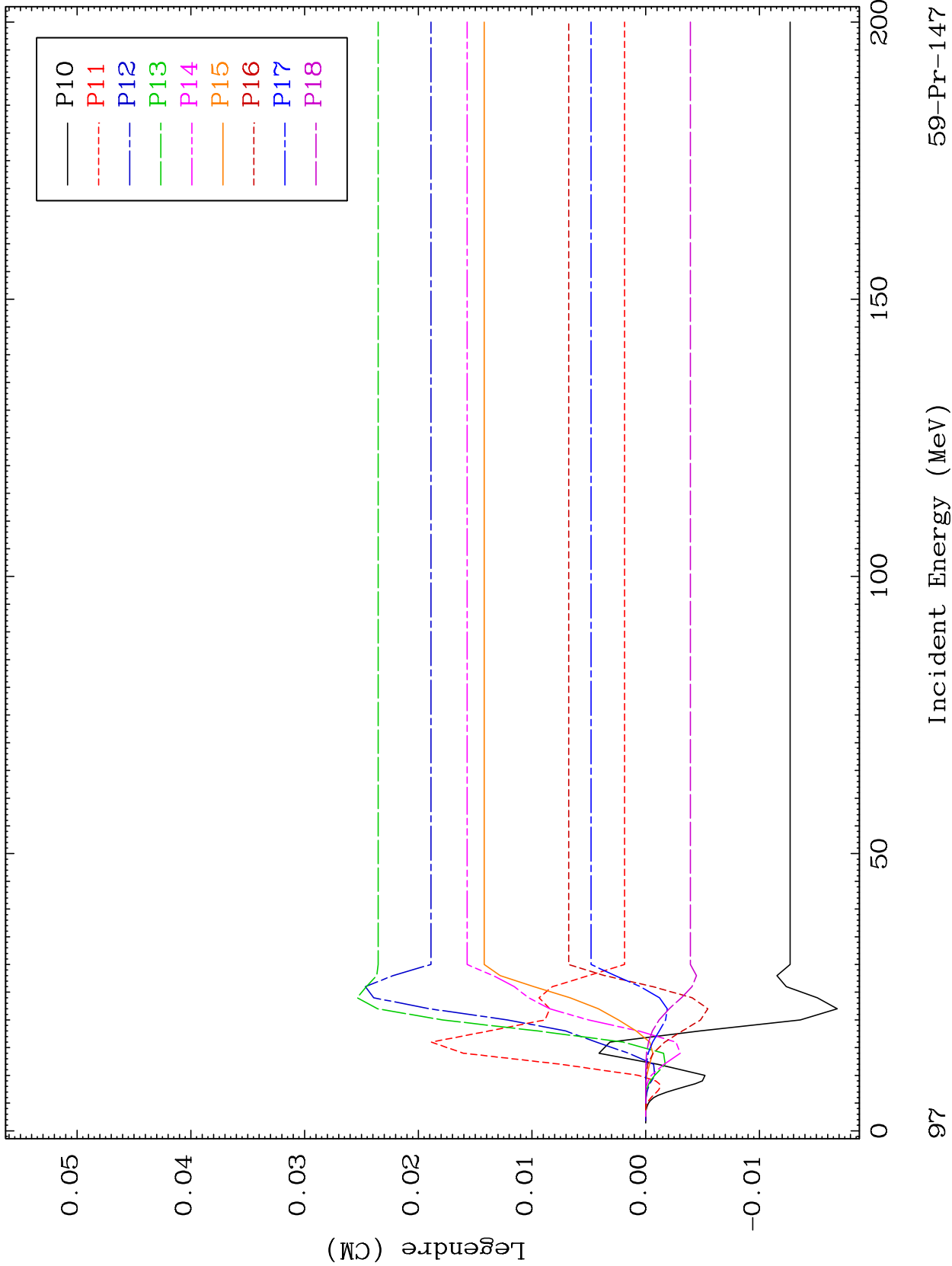
Incident Energy (MeV)

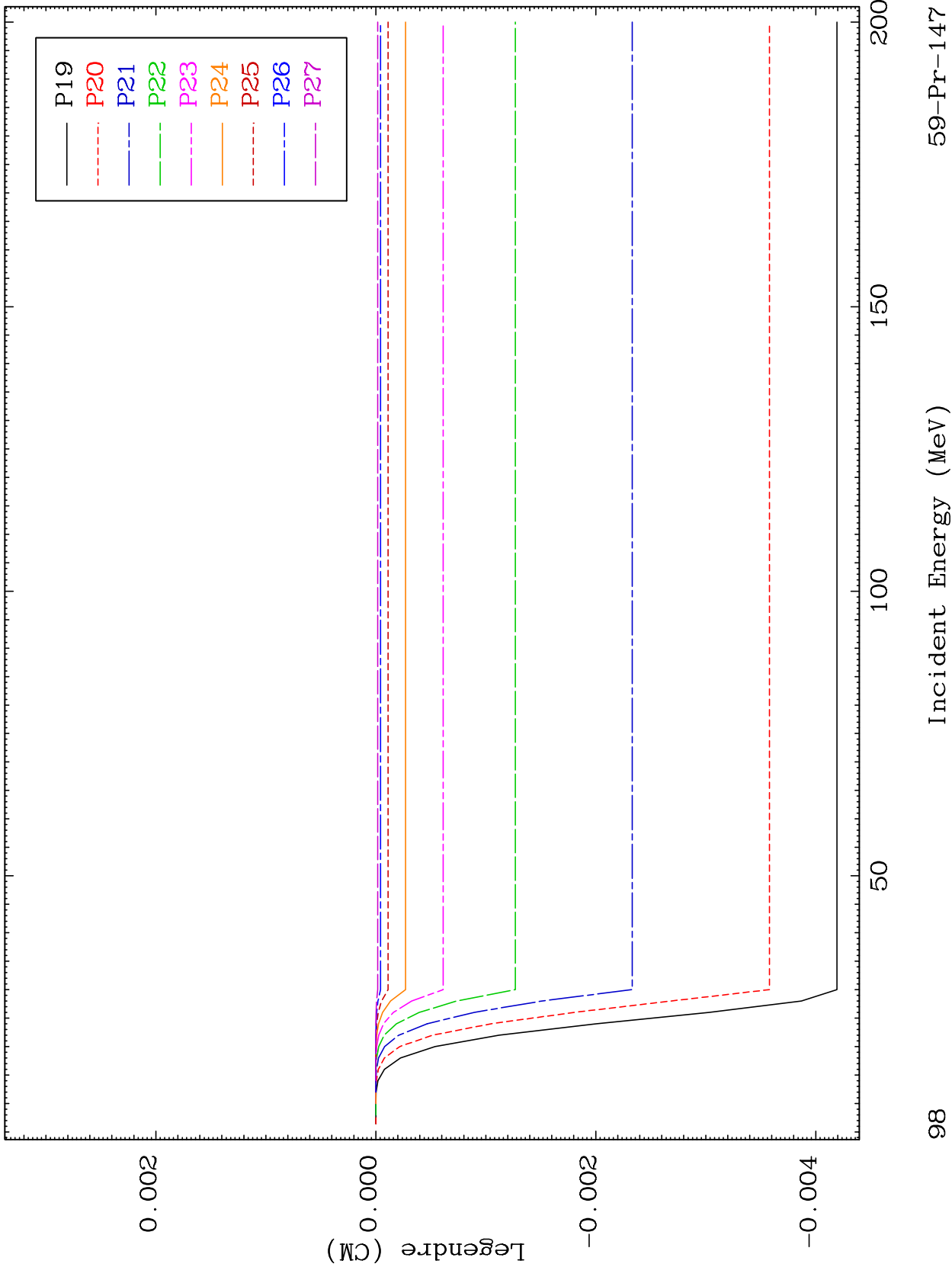
96

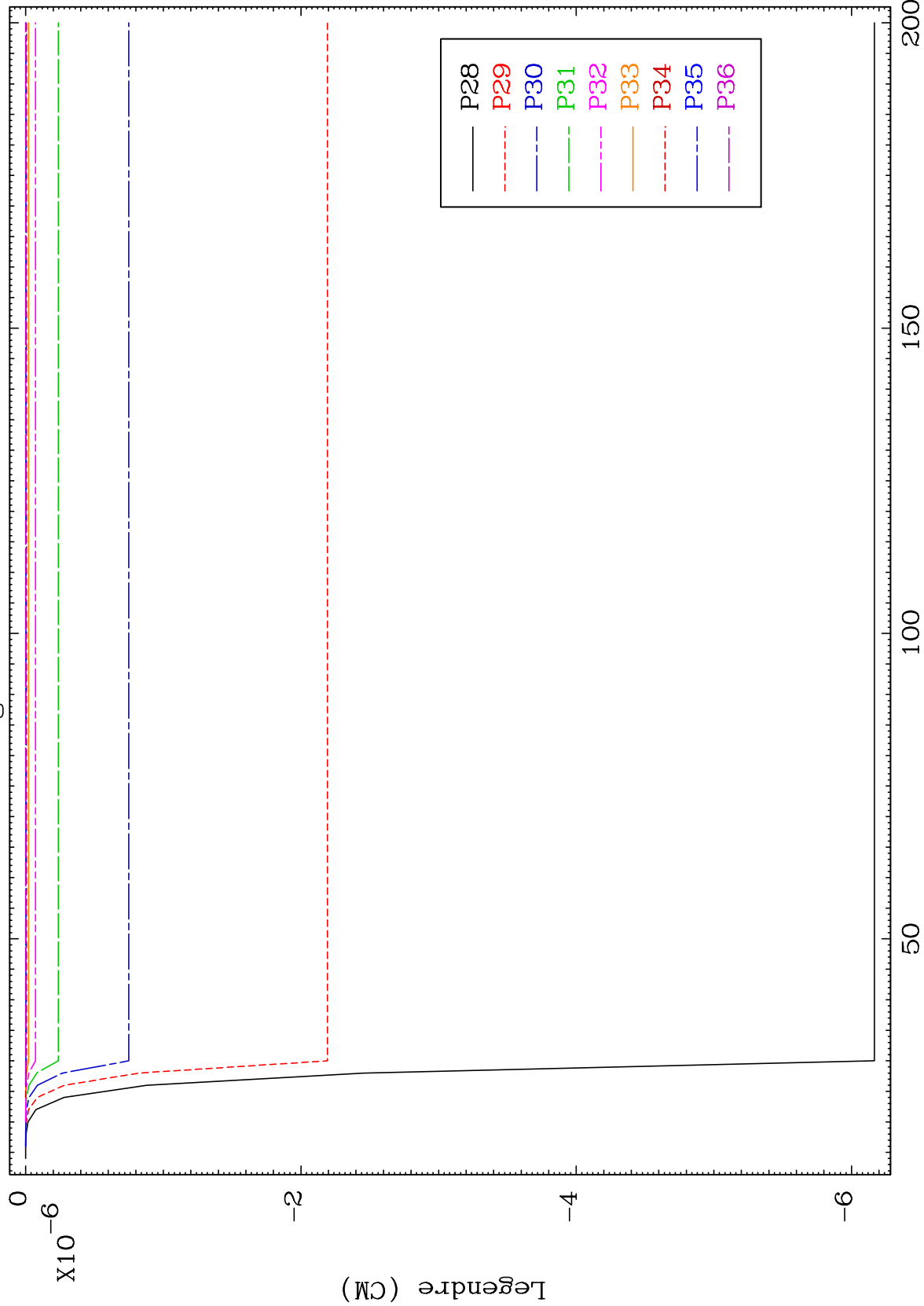
MAT 5943

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

59-Pr-147



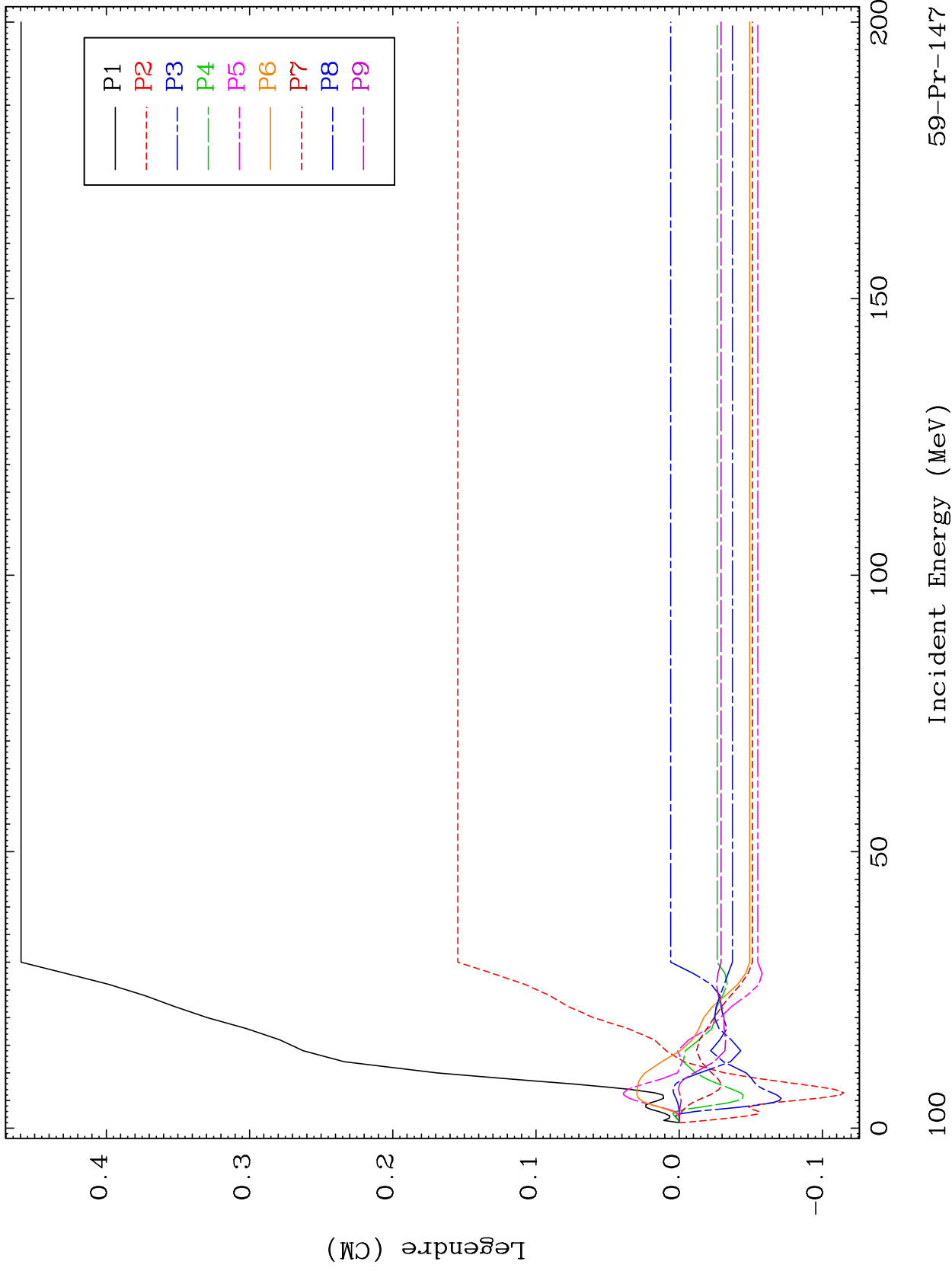




MAT 5943

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

59-Pr-147

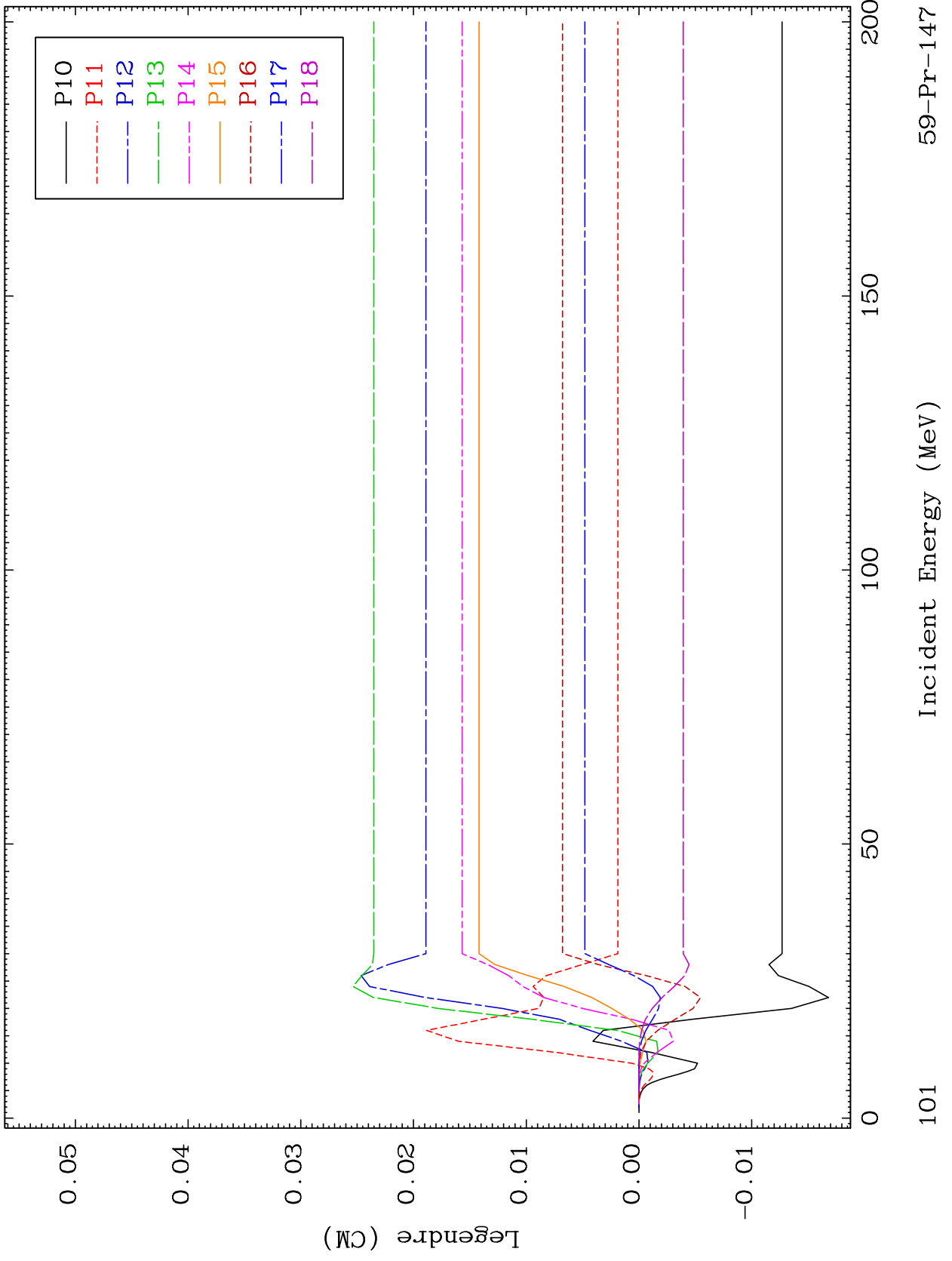


59-Pr-147

MAT 5943

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

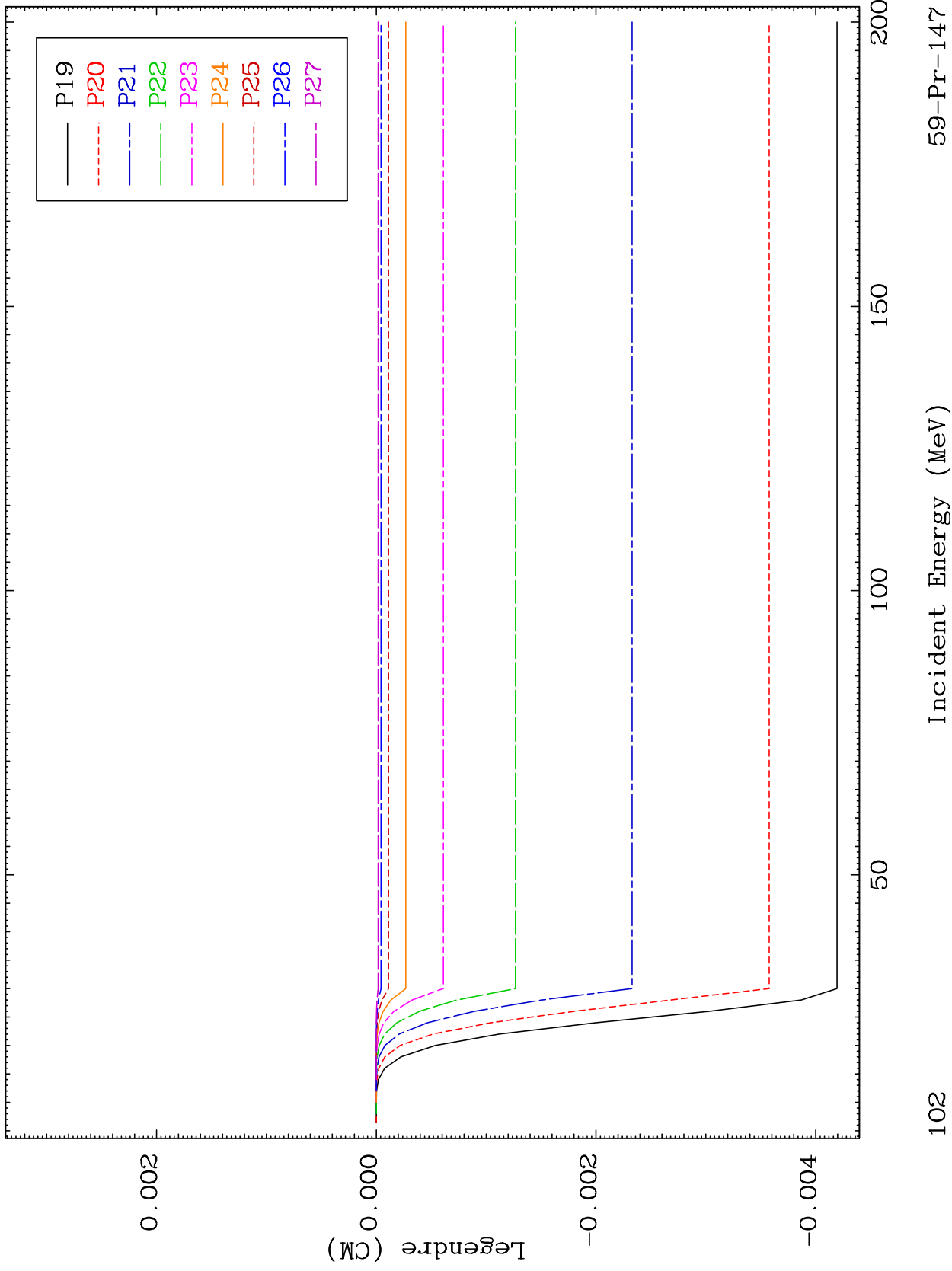
59-Pr-147



101

Incident Energy (MeV)

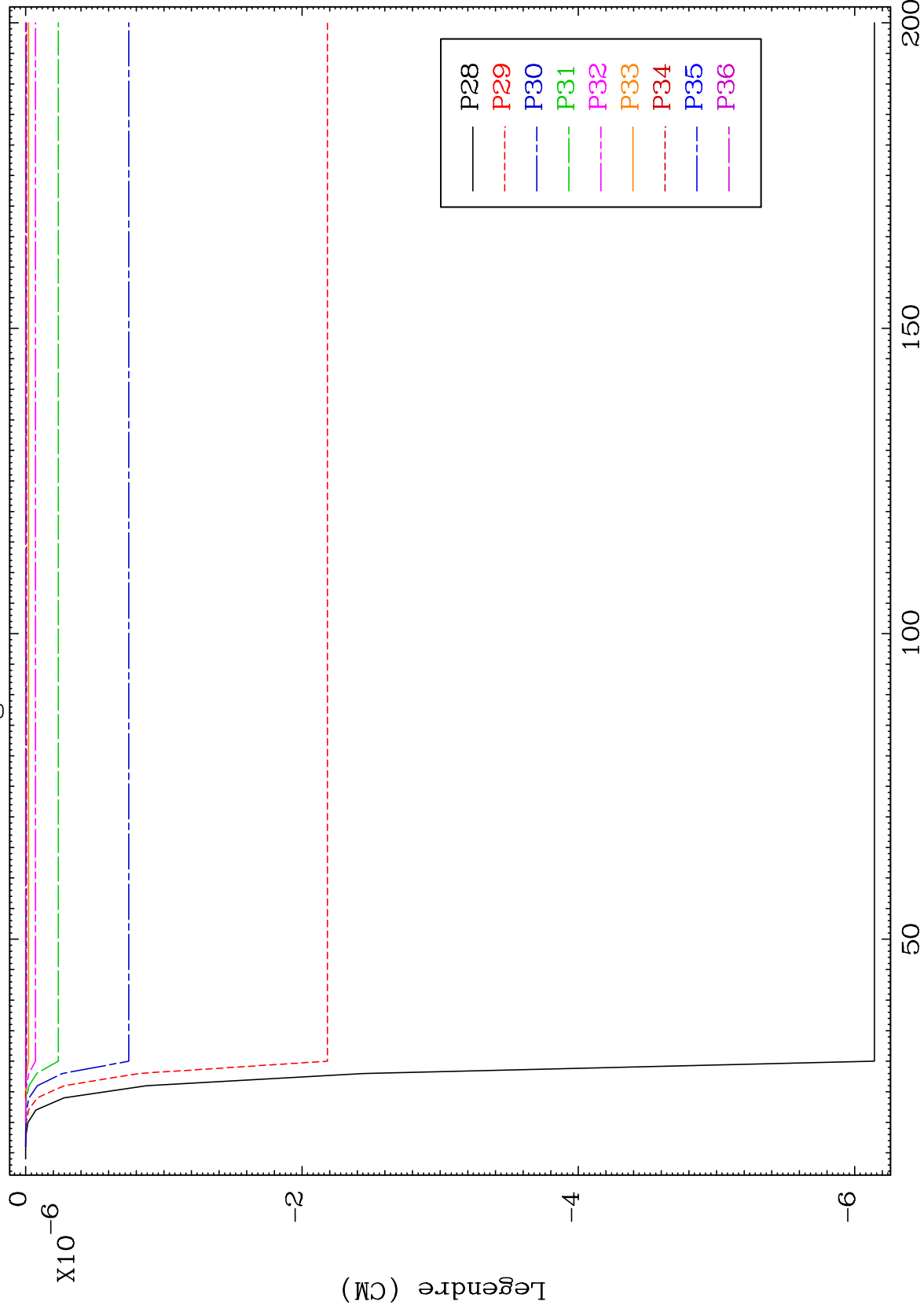
59-Pr-147



MAT 5943

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

59-Pr-147



103

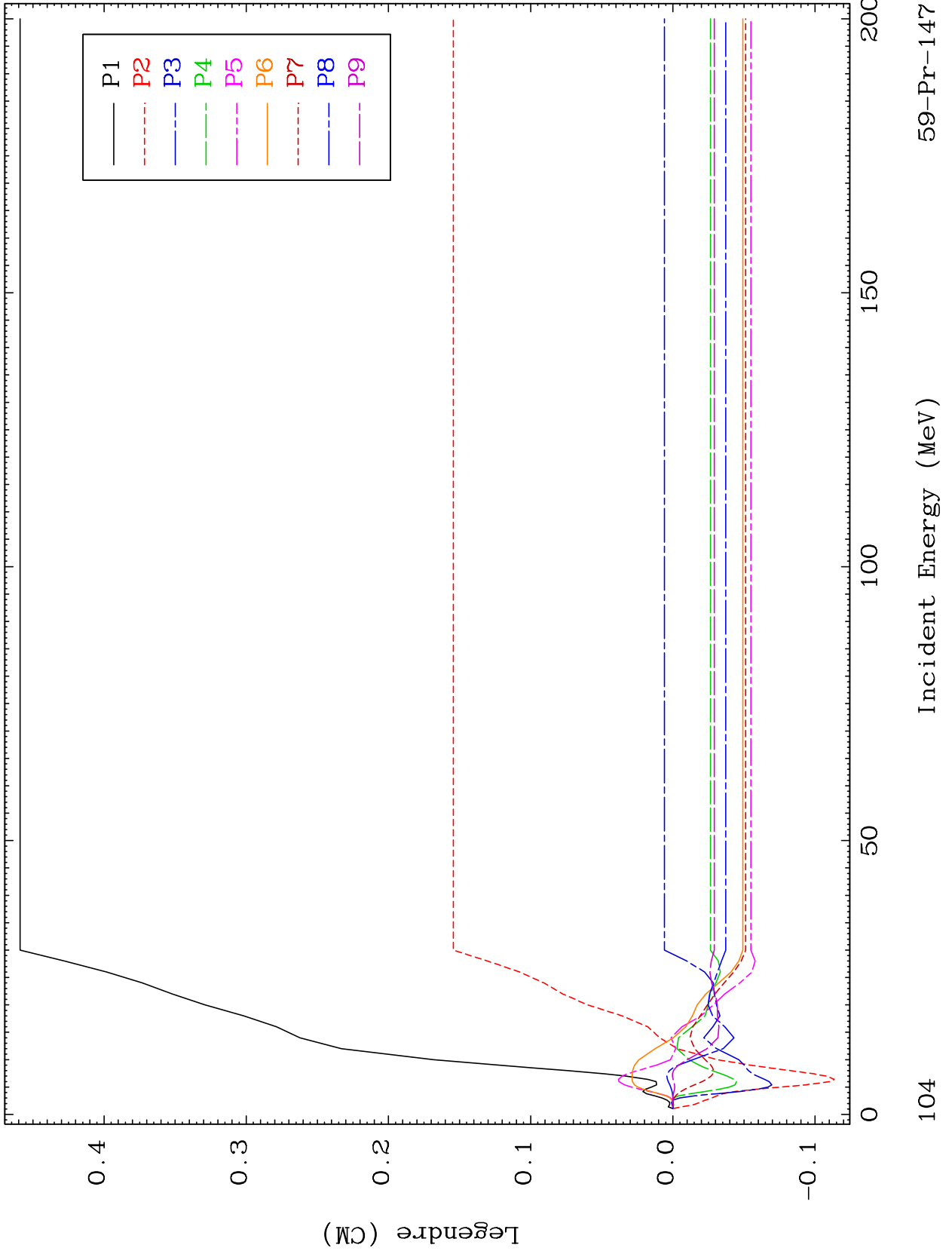
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



59-Pr-147

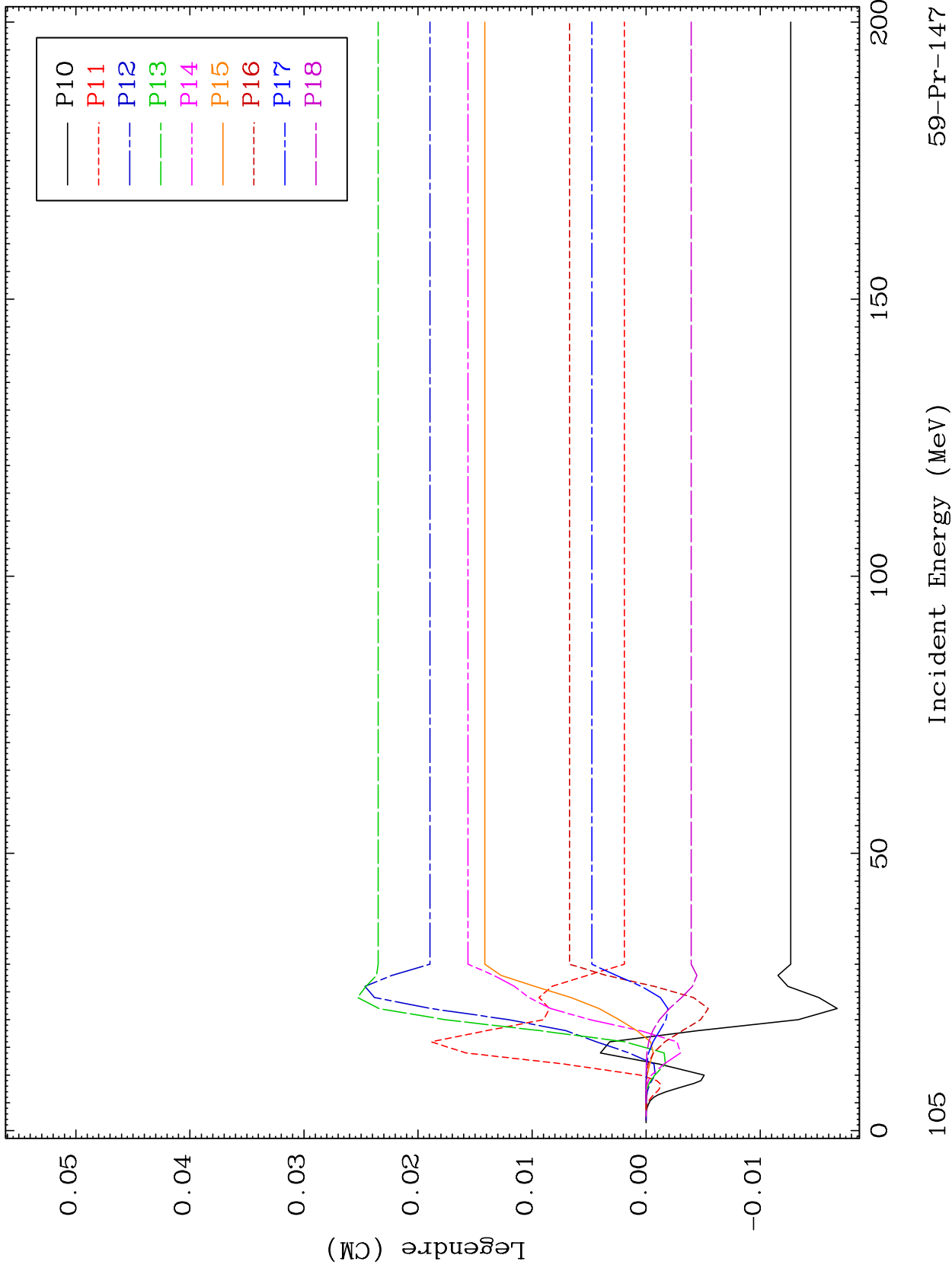
Incident Energy (MeV)

104

MAT 5943

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

59-Pr-147



59-Pr-147

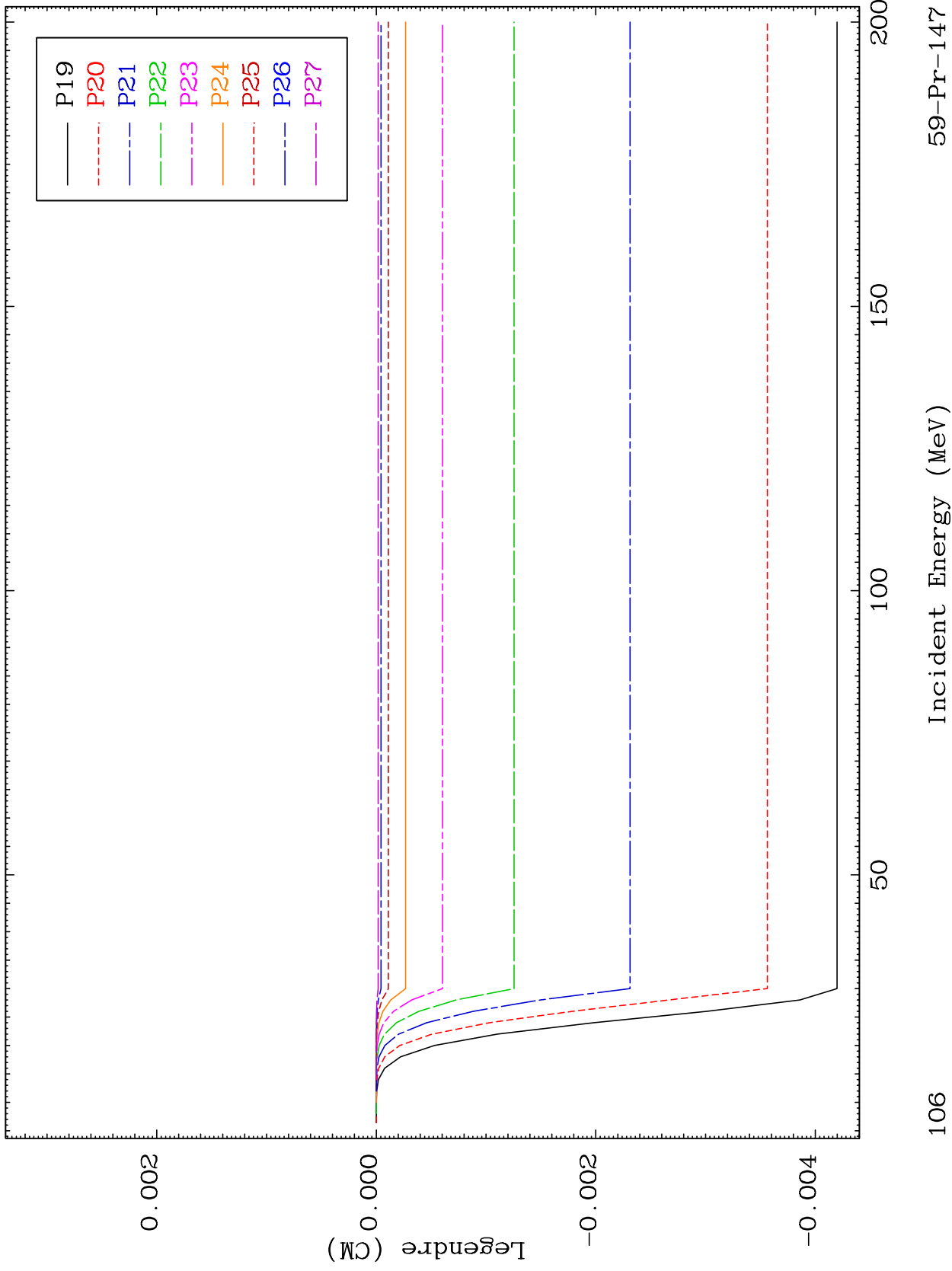
Incident Energy (MeV)

105

MAT 5943

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

59-Pr-147



106

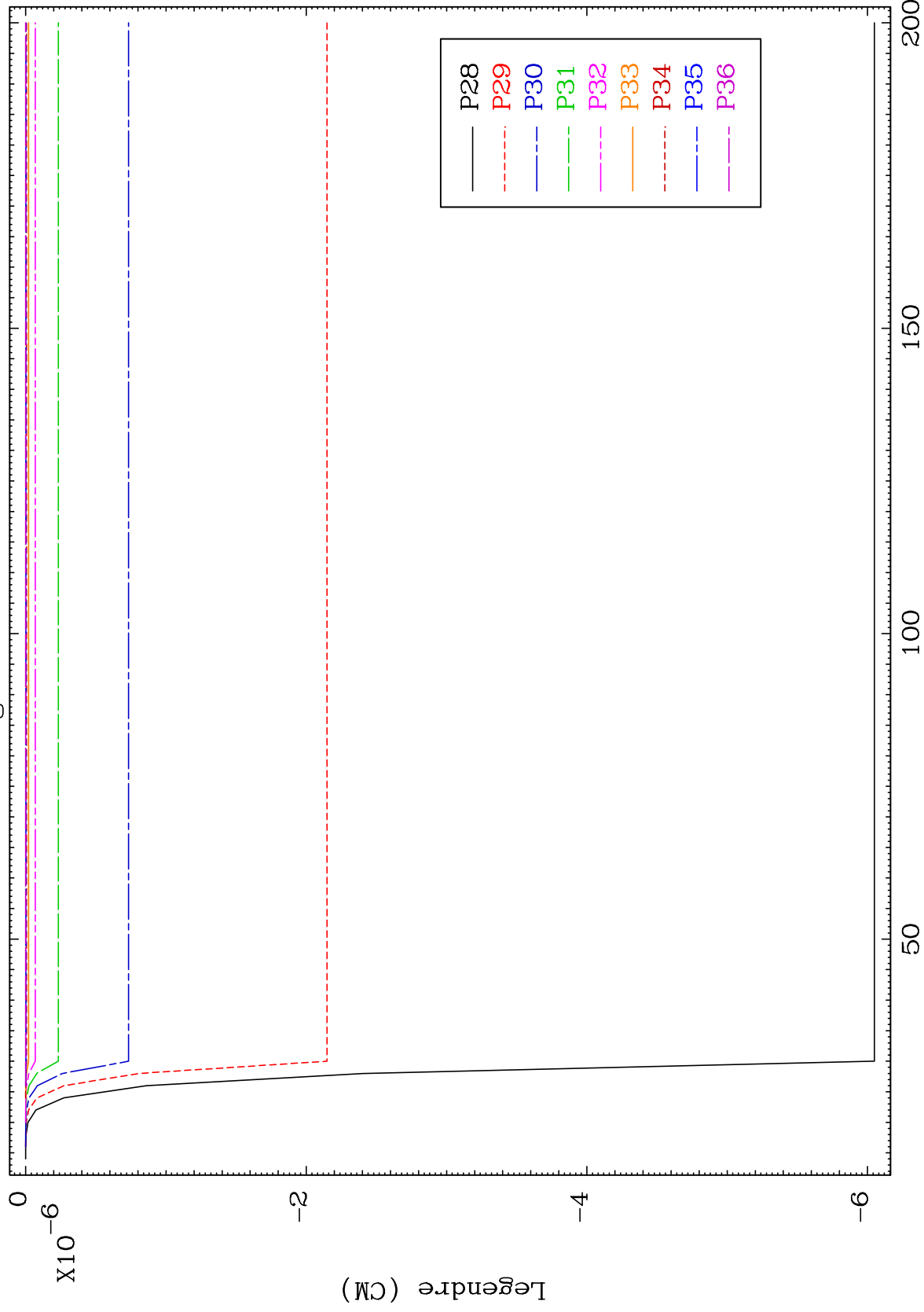
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



107

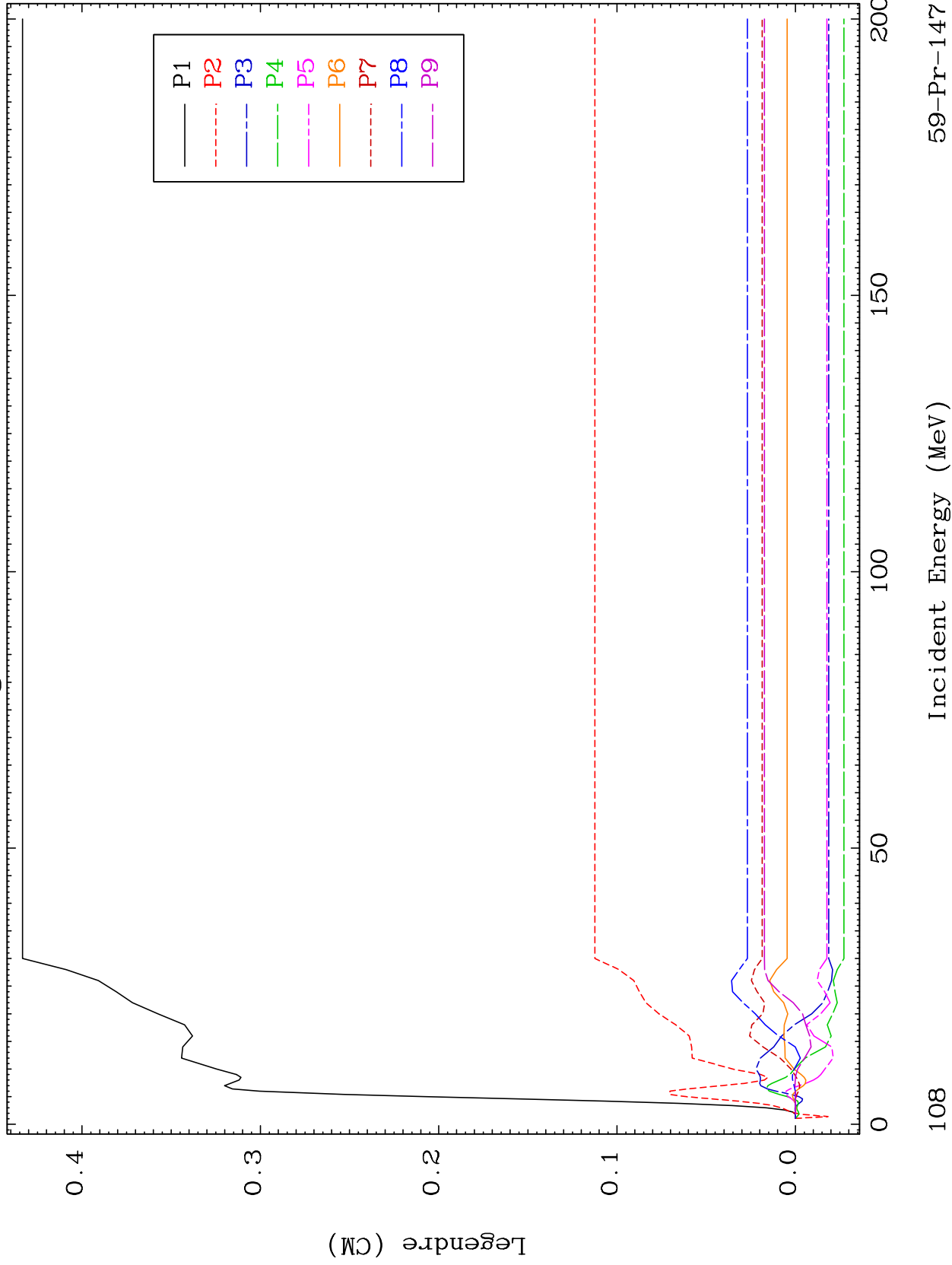
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



59-Pr-147

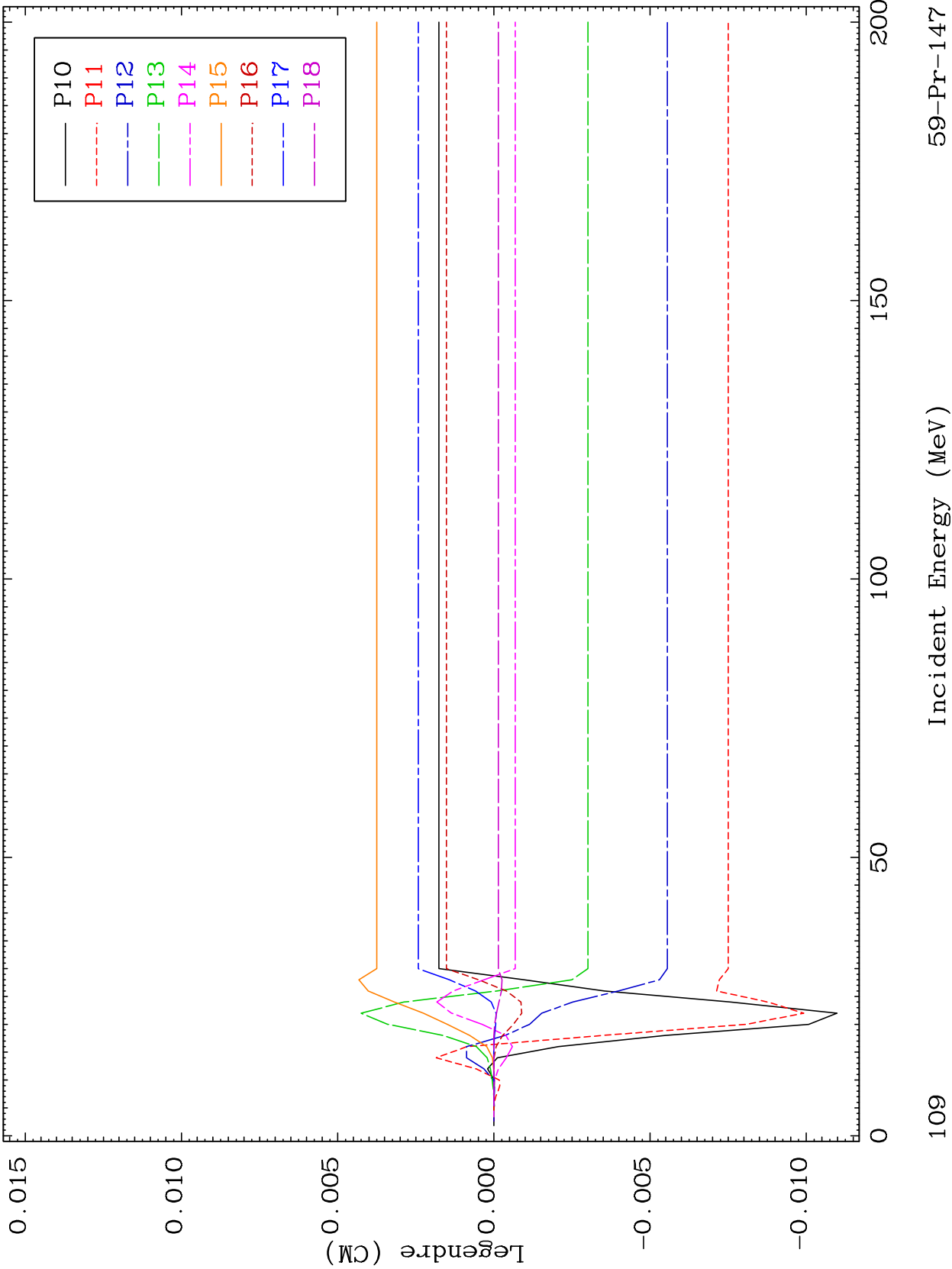
Incident Energy (MeV)

108

MAT 5943

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

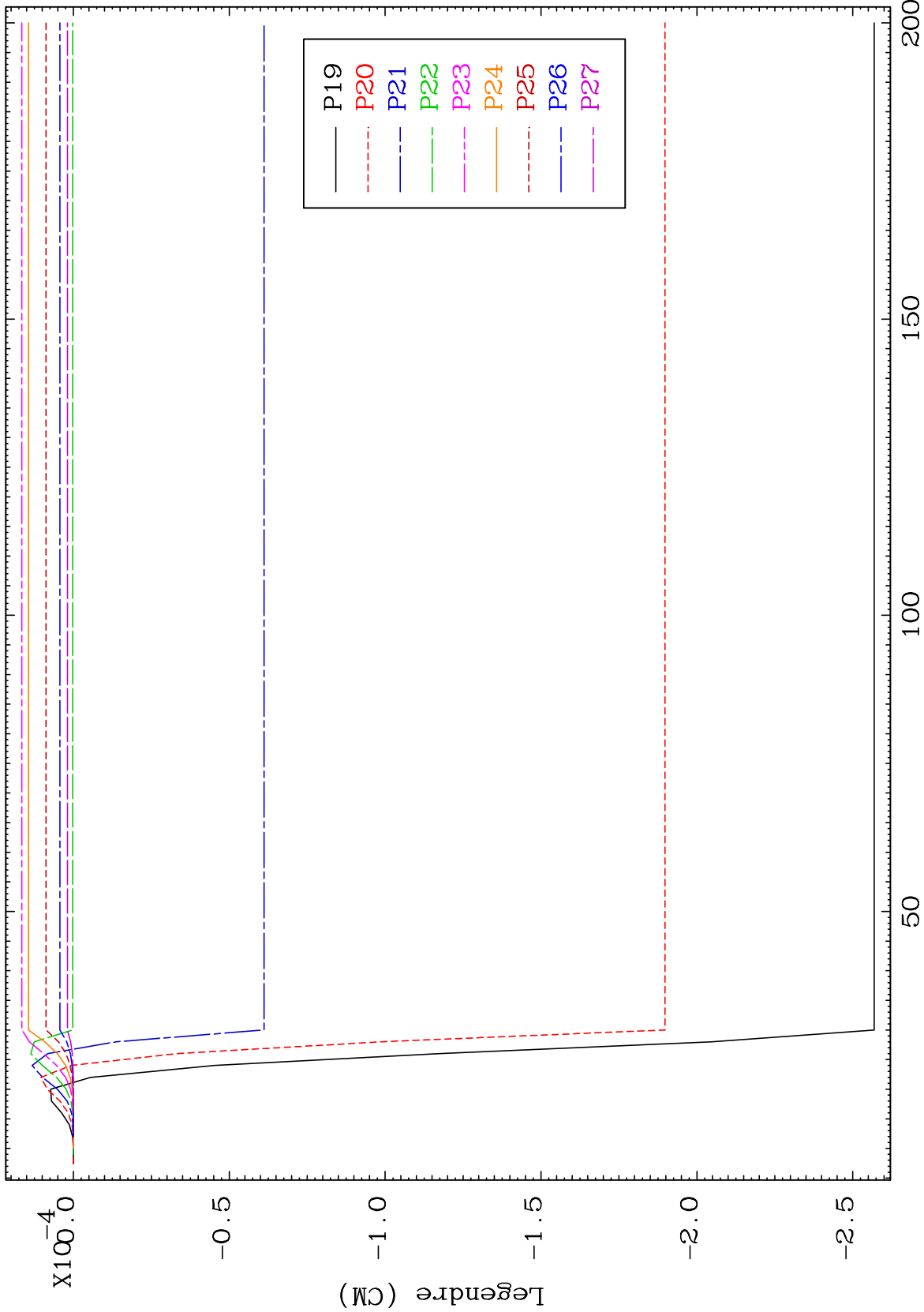
59-Pr-147



59-Pr-147

Incident Energy (MeV)

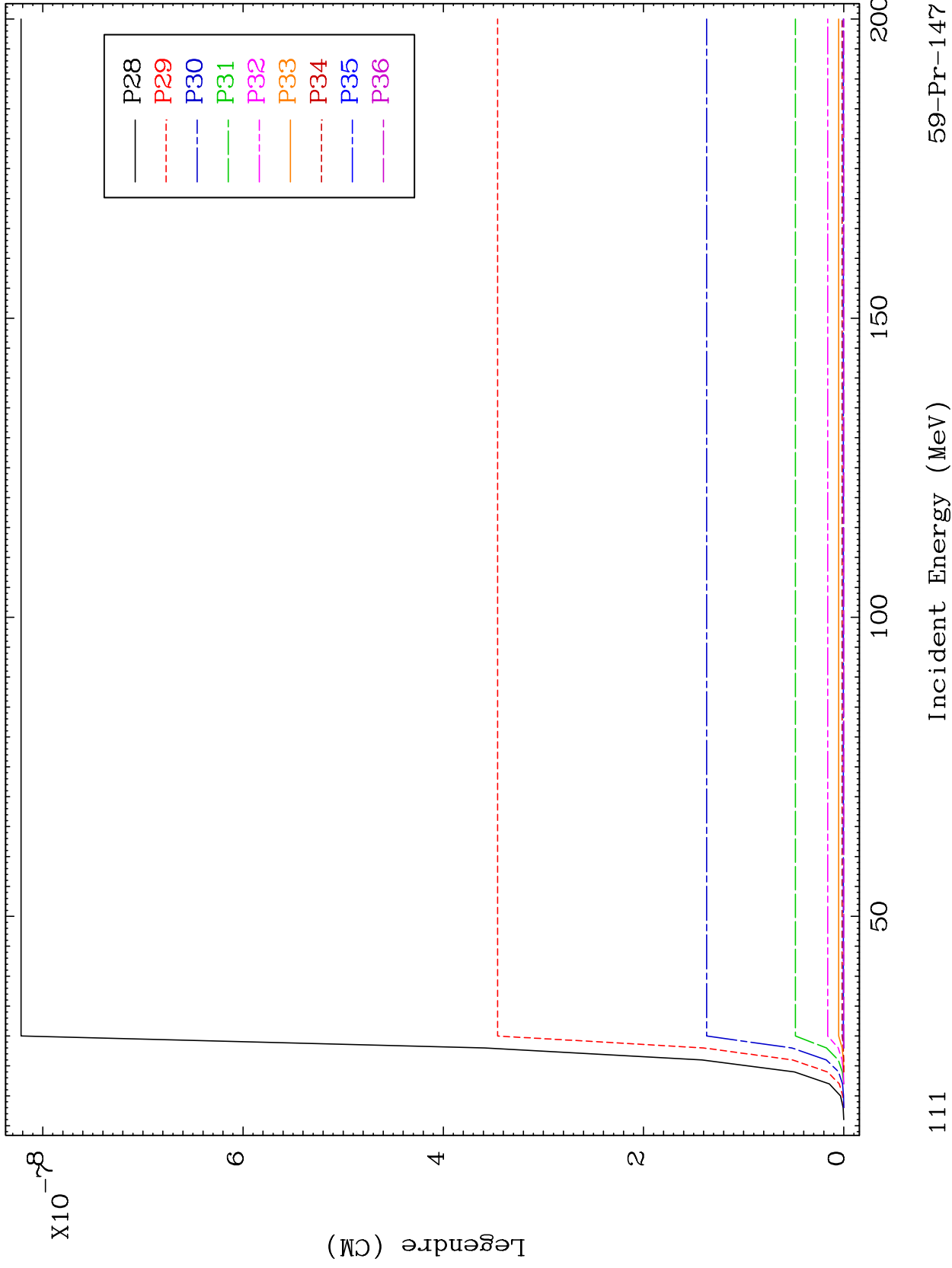
109



MAT 5943

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

59-Pr-147

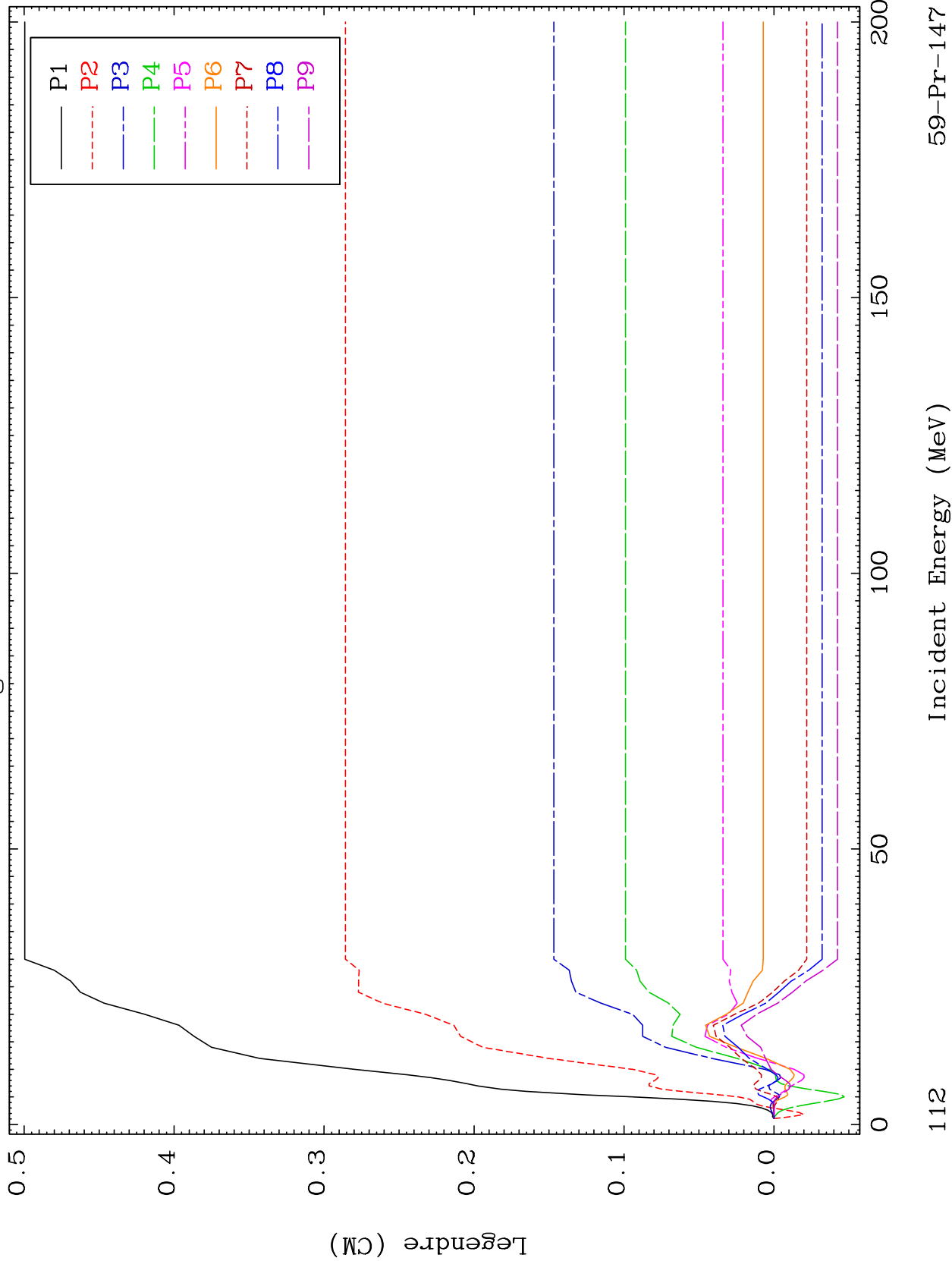


MAT 5943

MT= 74 (n,n') Level

59-Pr-147

Legendre Coefficients



59-Pr-147

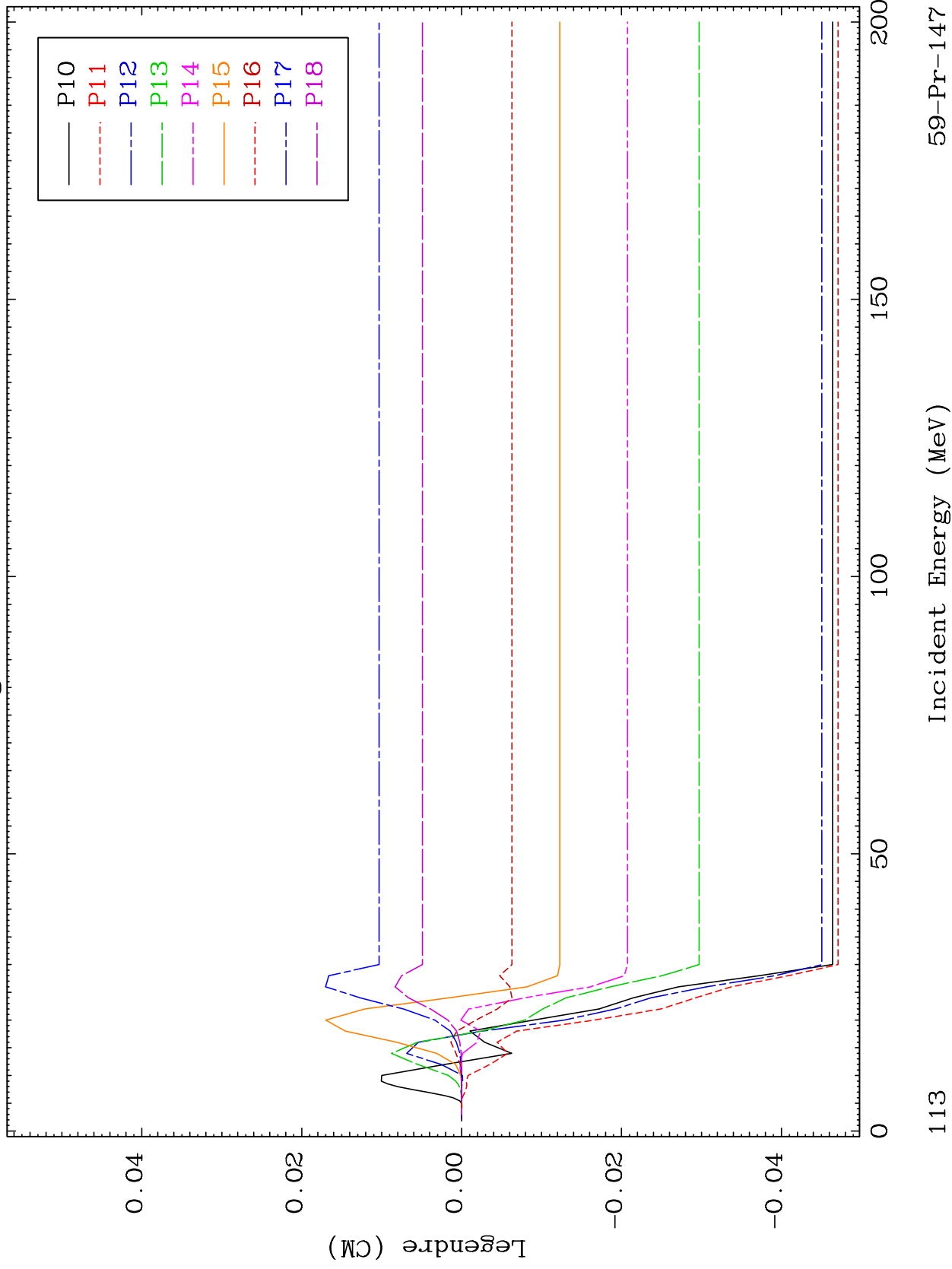
Incident Energy (MeV)

112

MAT 5943

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

59-Pr-147



59-Pr-147

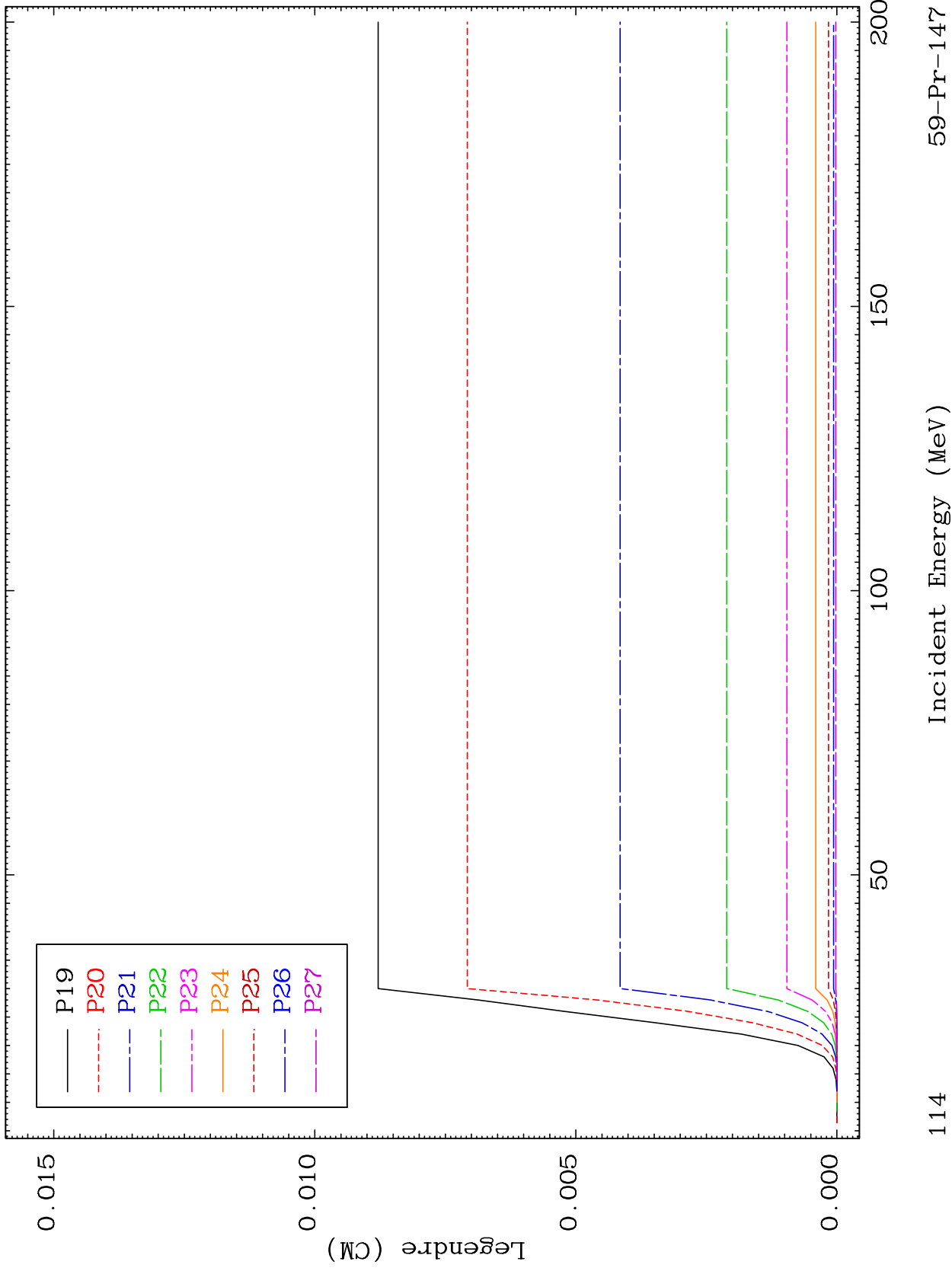
Incident Energy (MeV)

113

MAT 5943

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

59-Pr-147



114

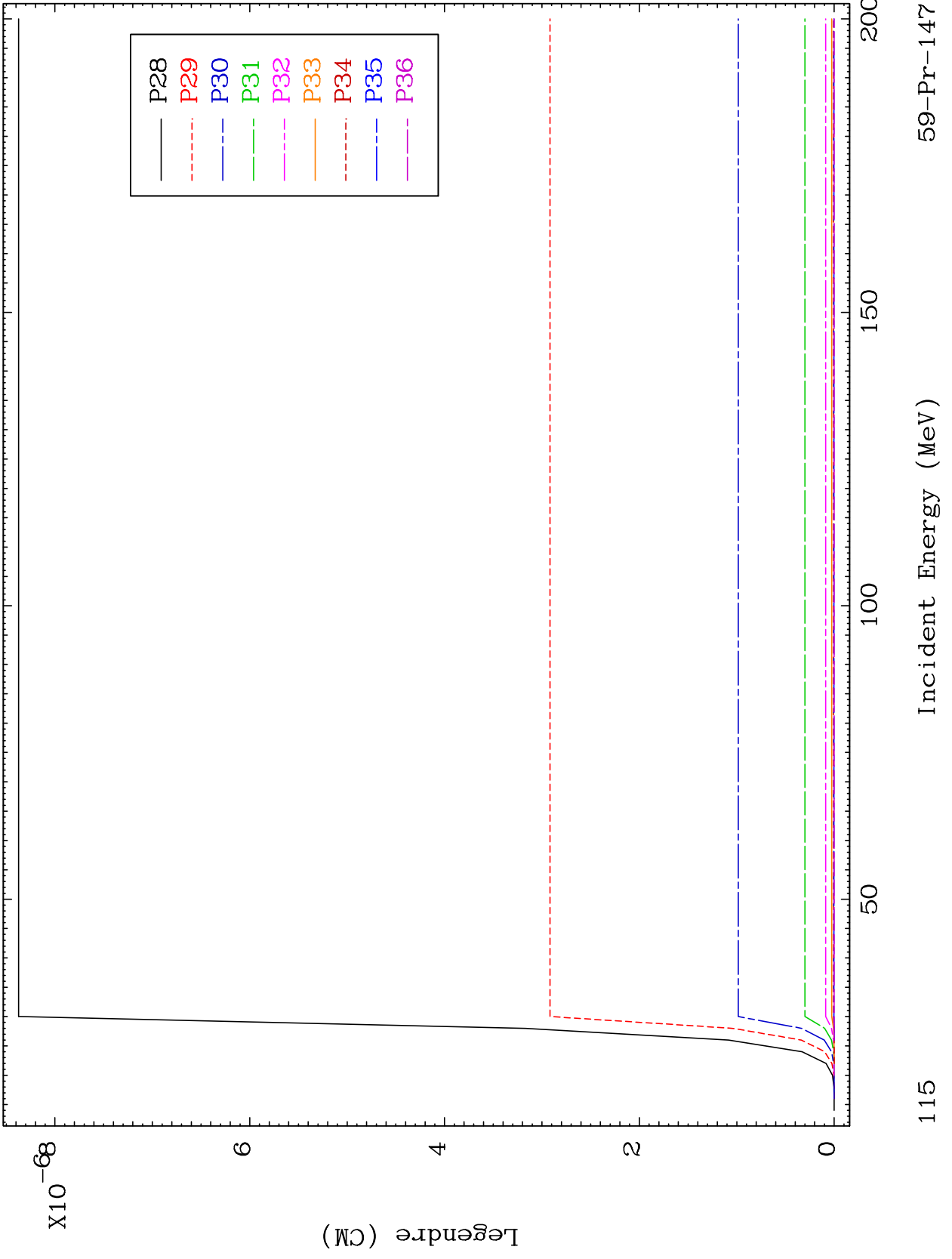
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

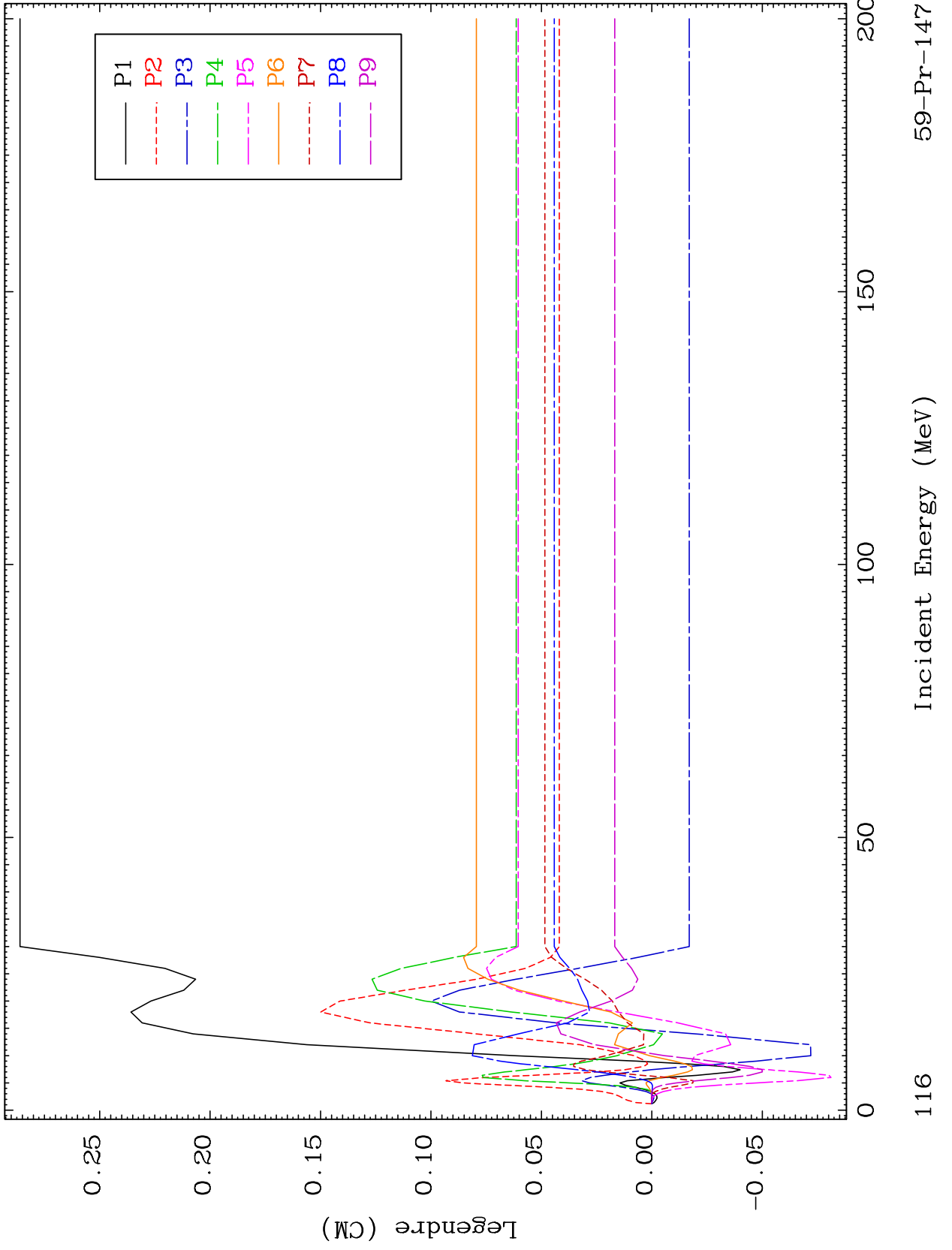
59-Pr-147



MAT 5943

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

59-Pr-147



59-Pr-147

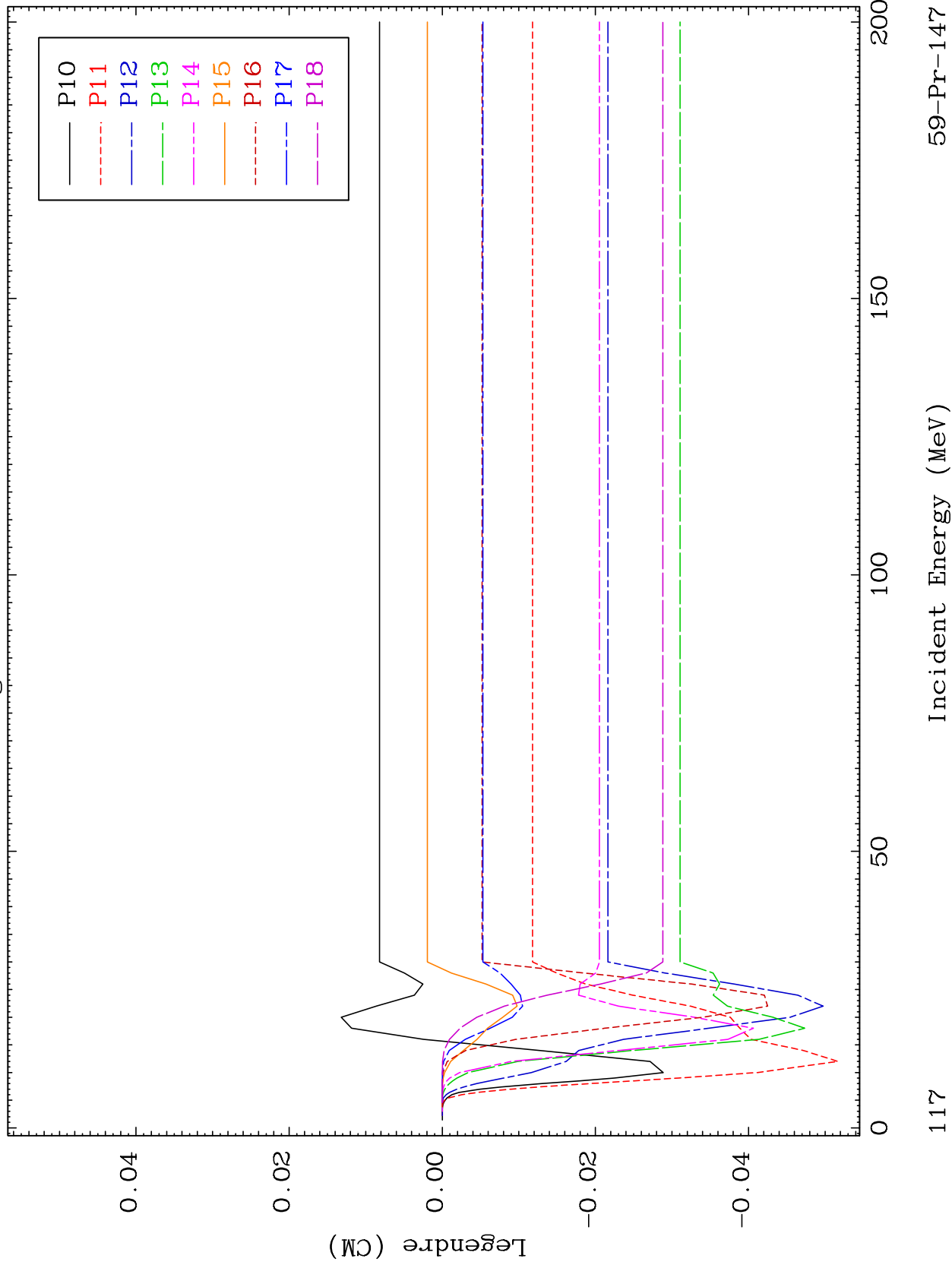
Incident Energy (MeV)

116

MAT 5943

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

59-Pr-147



59-Pr-147

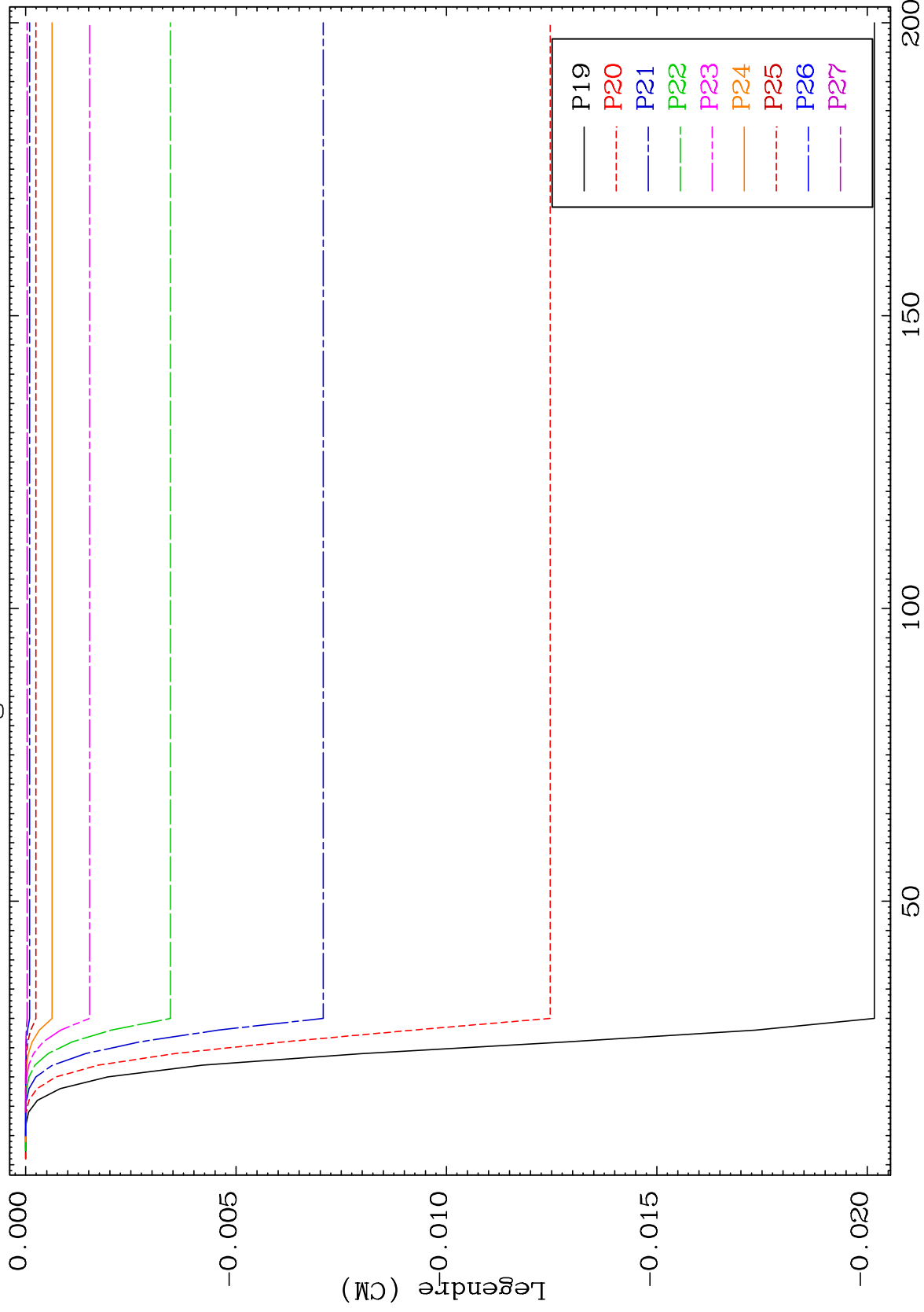
Incident Energy (MeV)

117

MAT 5943

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

59-Pr-147



118

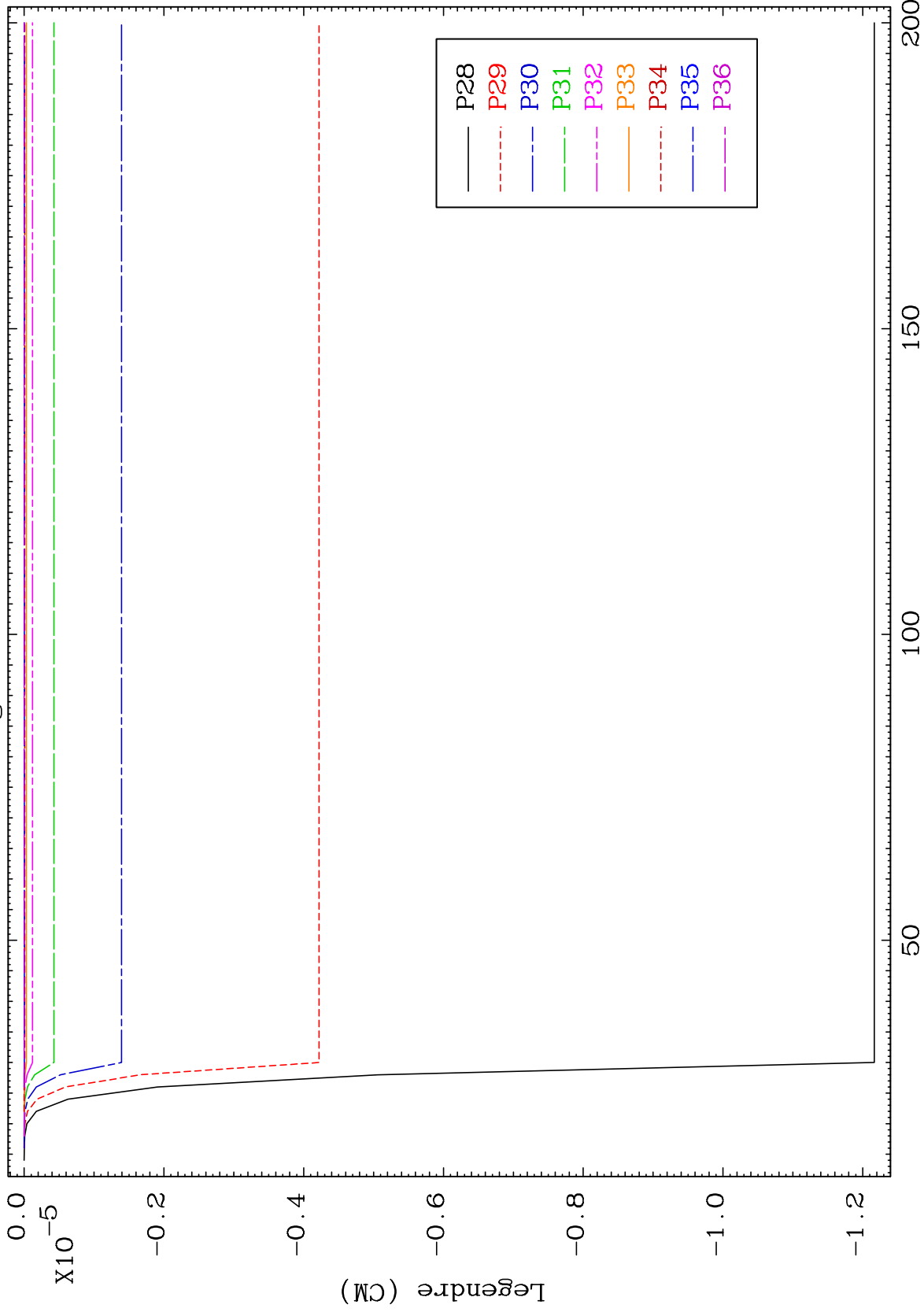
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



119

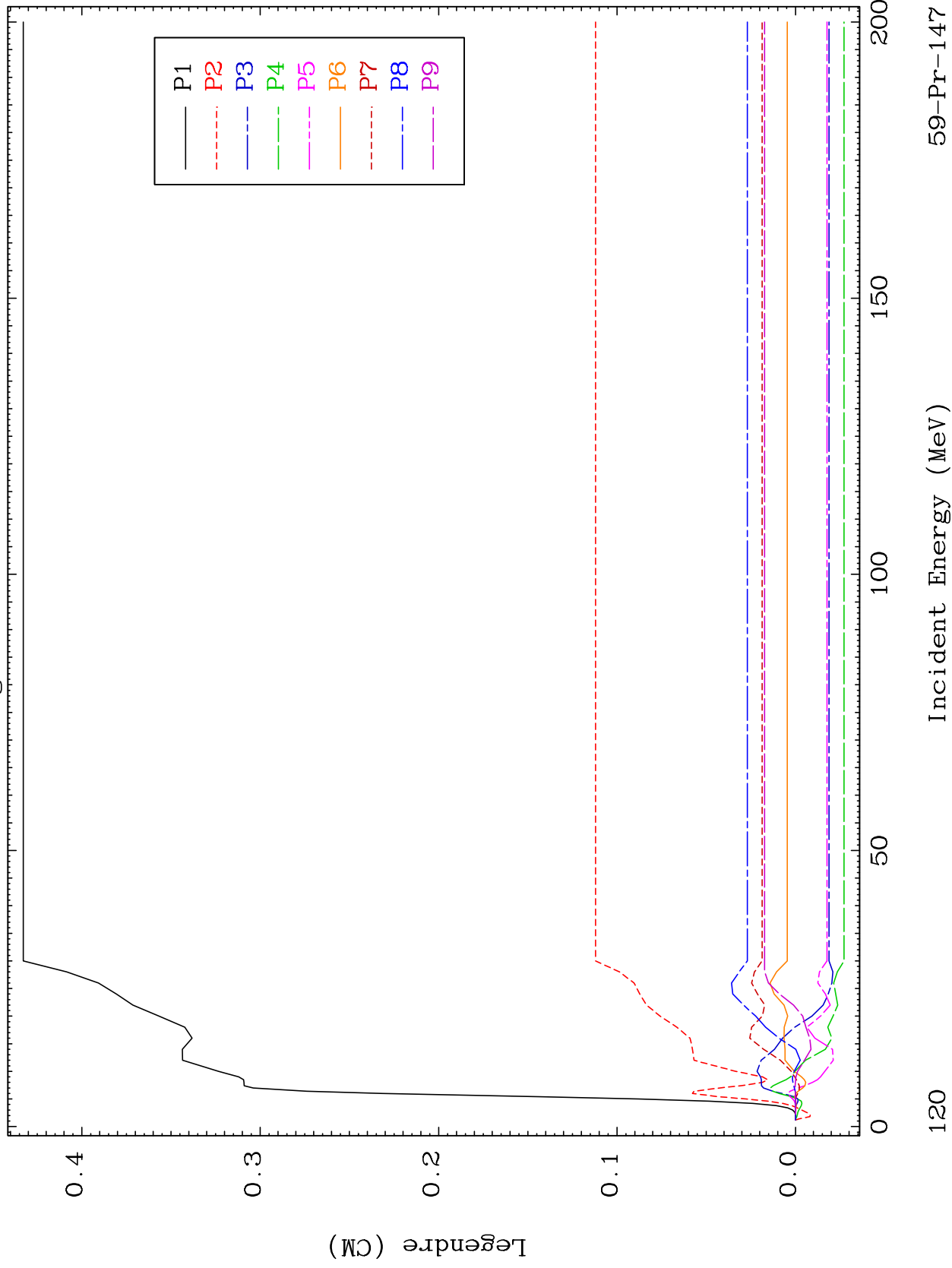
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



59-Pr-147

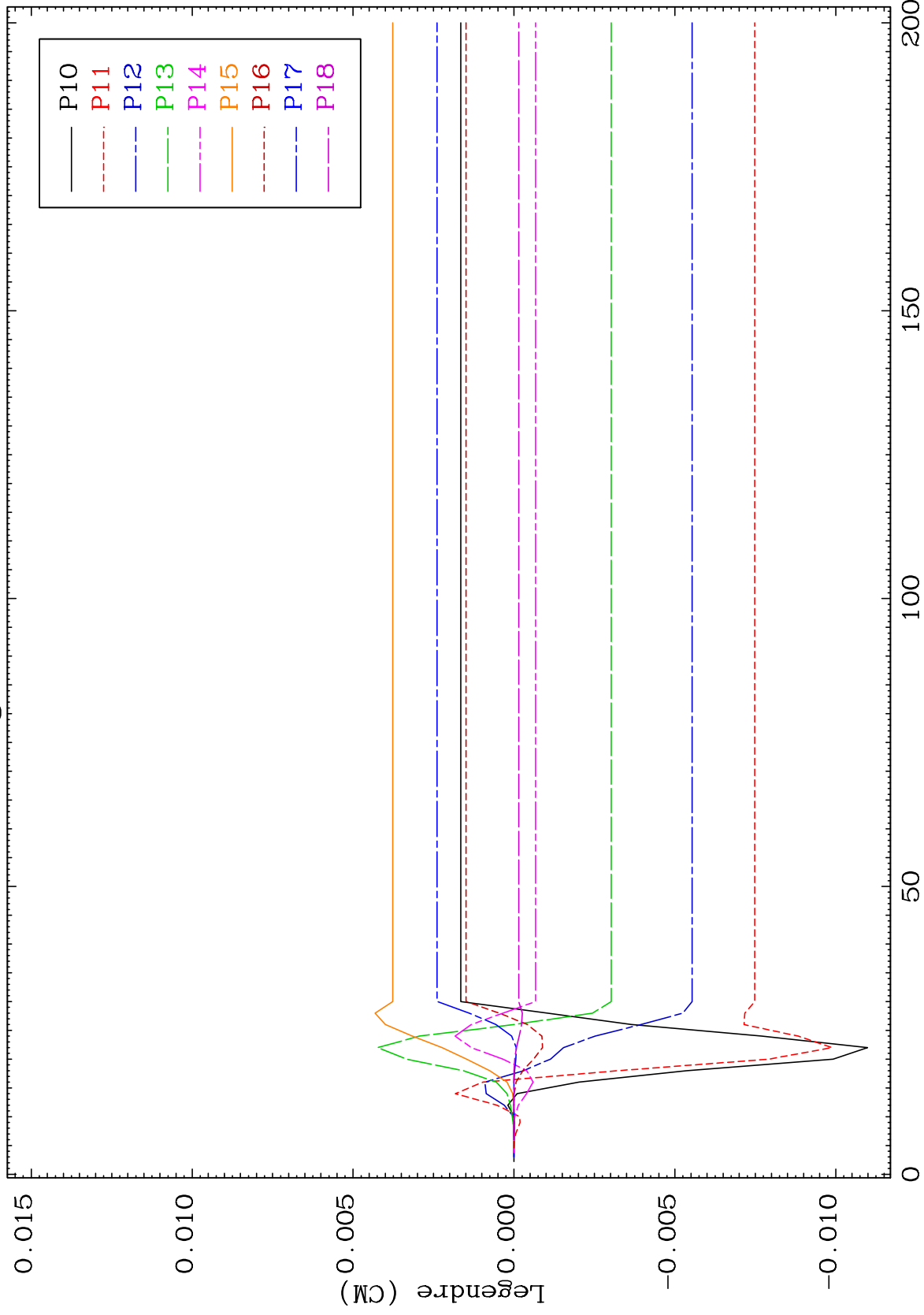
Incident Energy (MeV)

120

MAT 5943

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

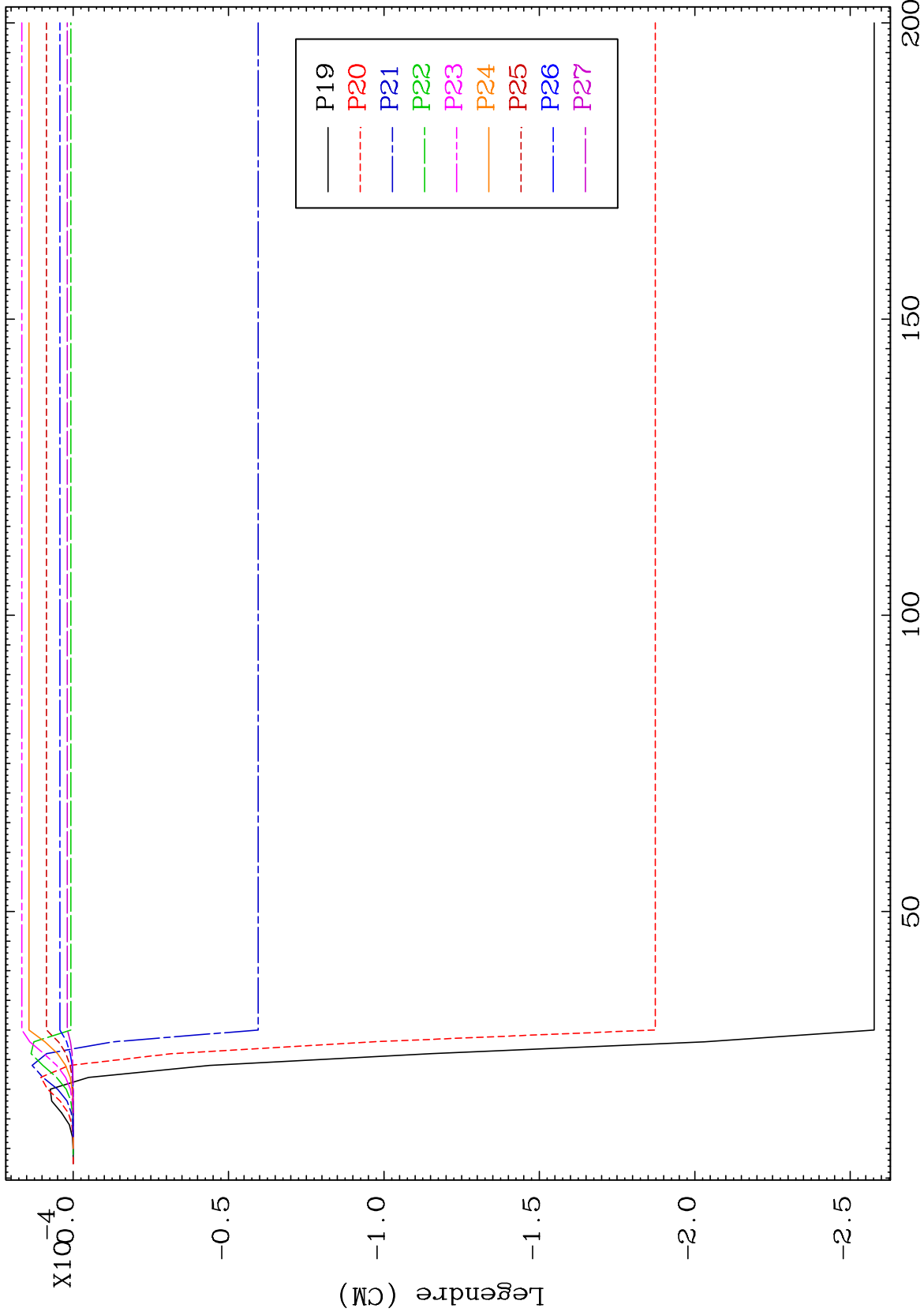
59-Pr-147



121

Incident Energy (MeV)

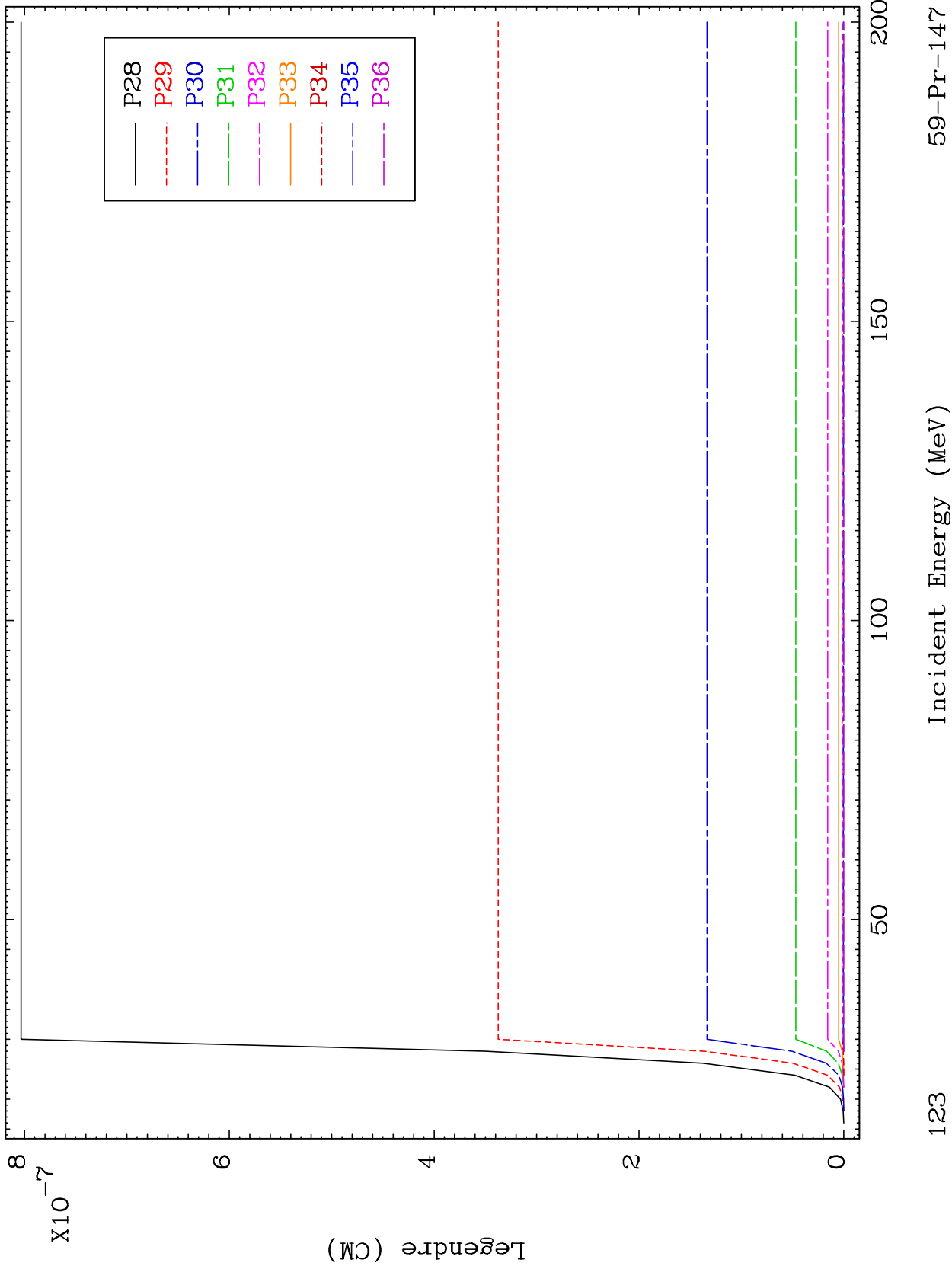
59-Pr-147



MAT 5943

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

59-Pr-147



123

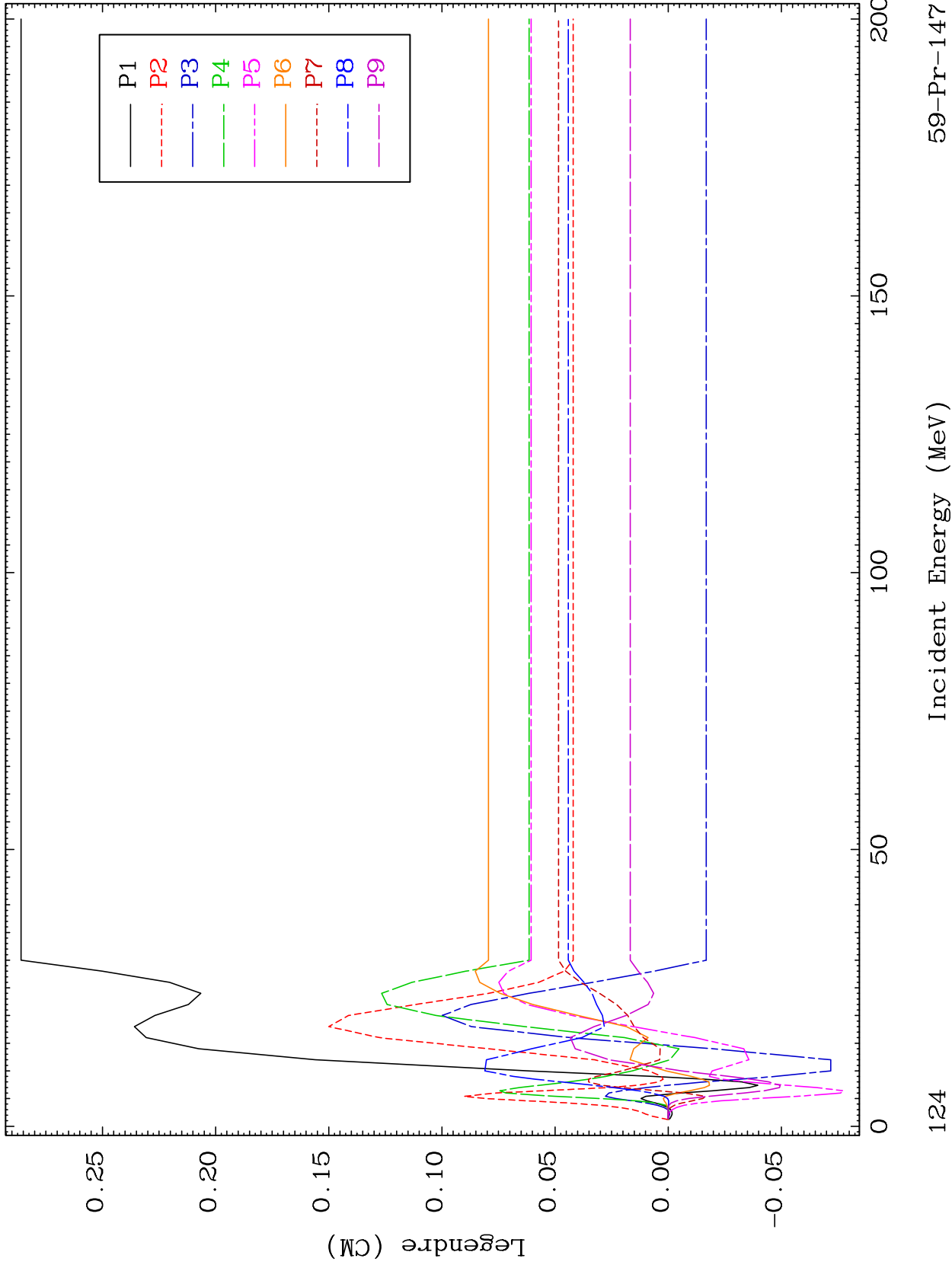
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



59-Pr-147

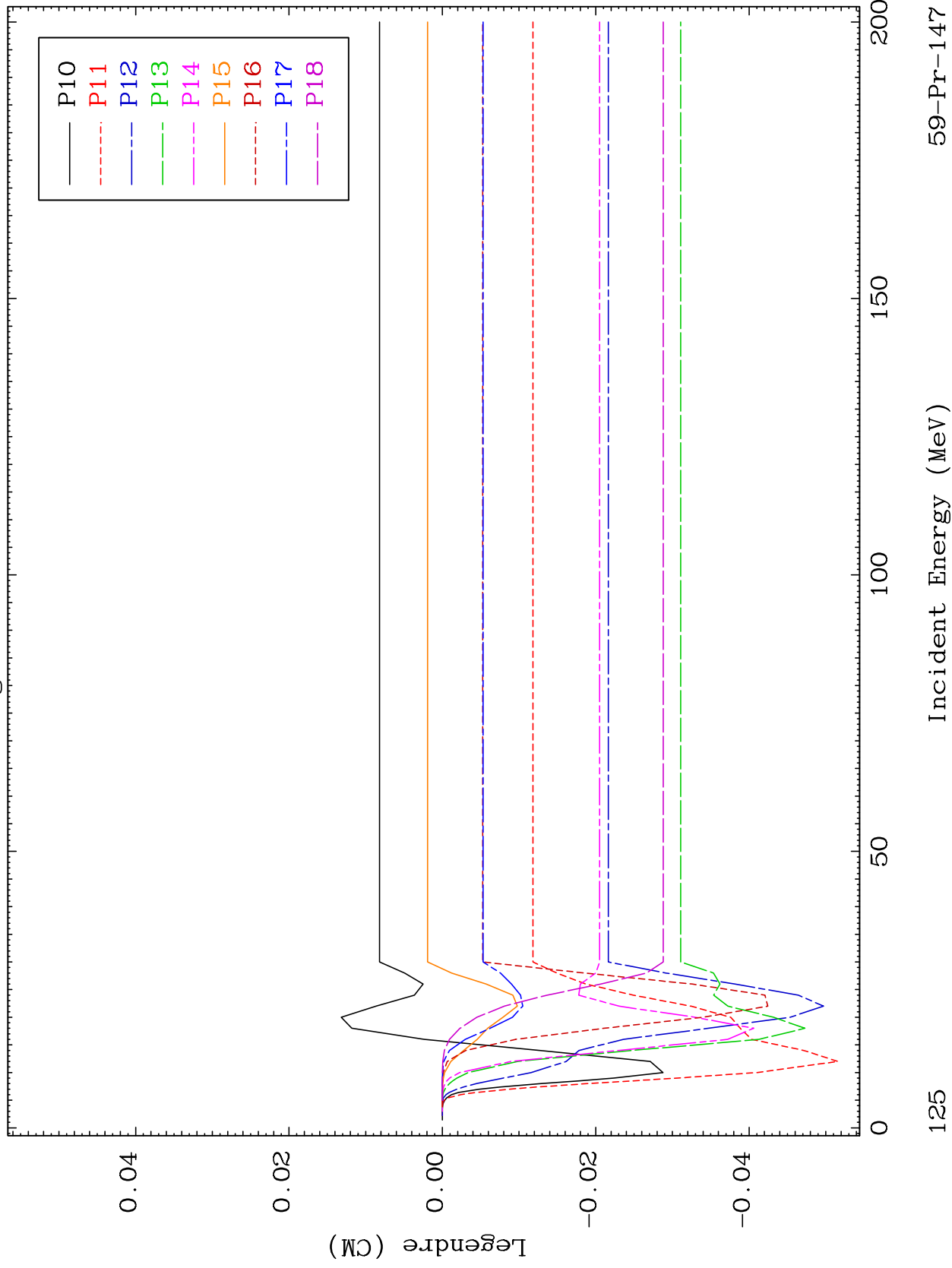
Incident Energy (MeV)

124

MAT 5943

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

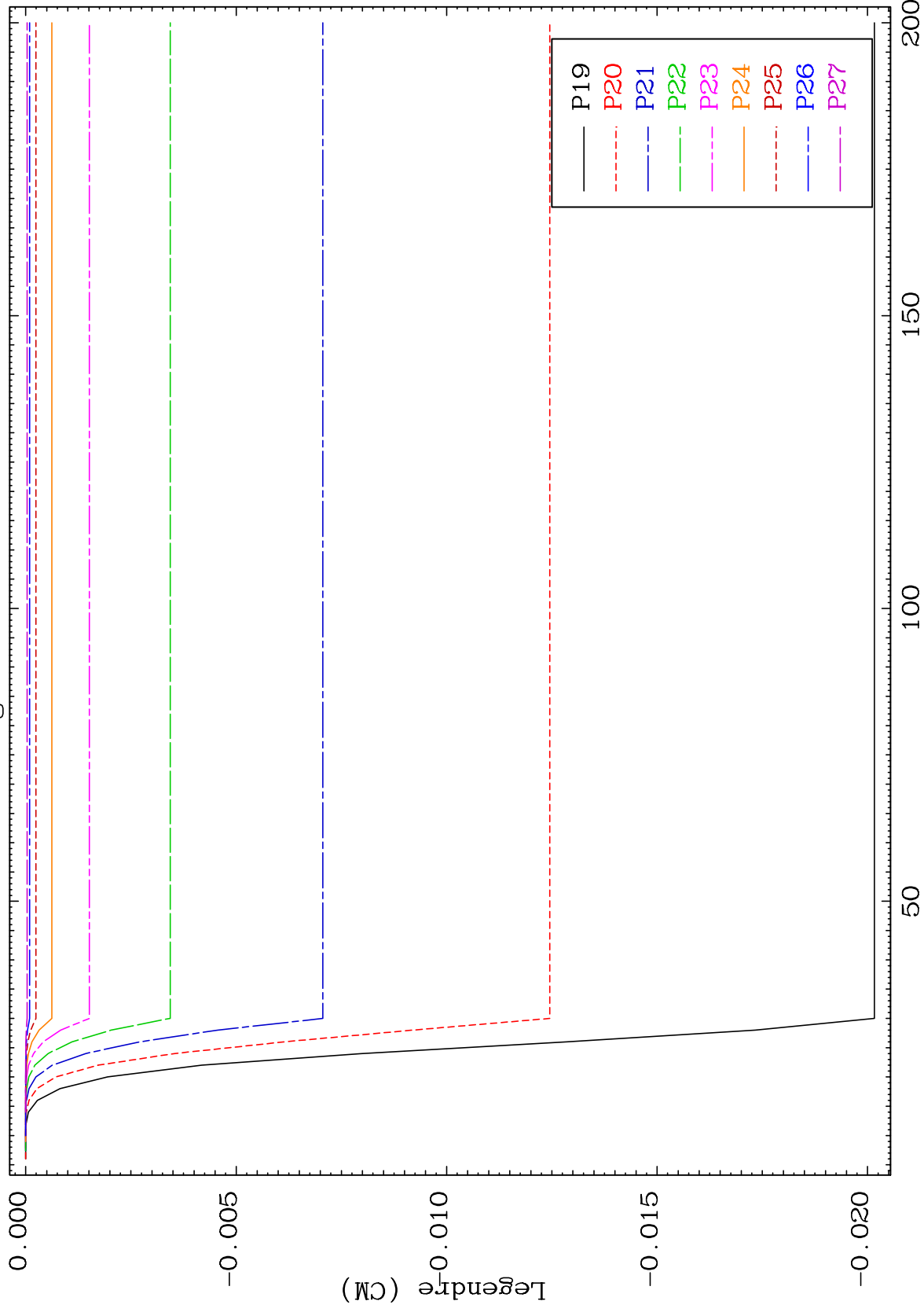
59-Pr-147



59-Pr-147

Incident Energy (MeV)

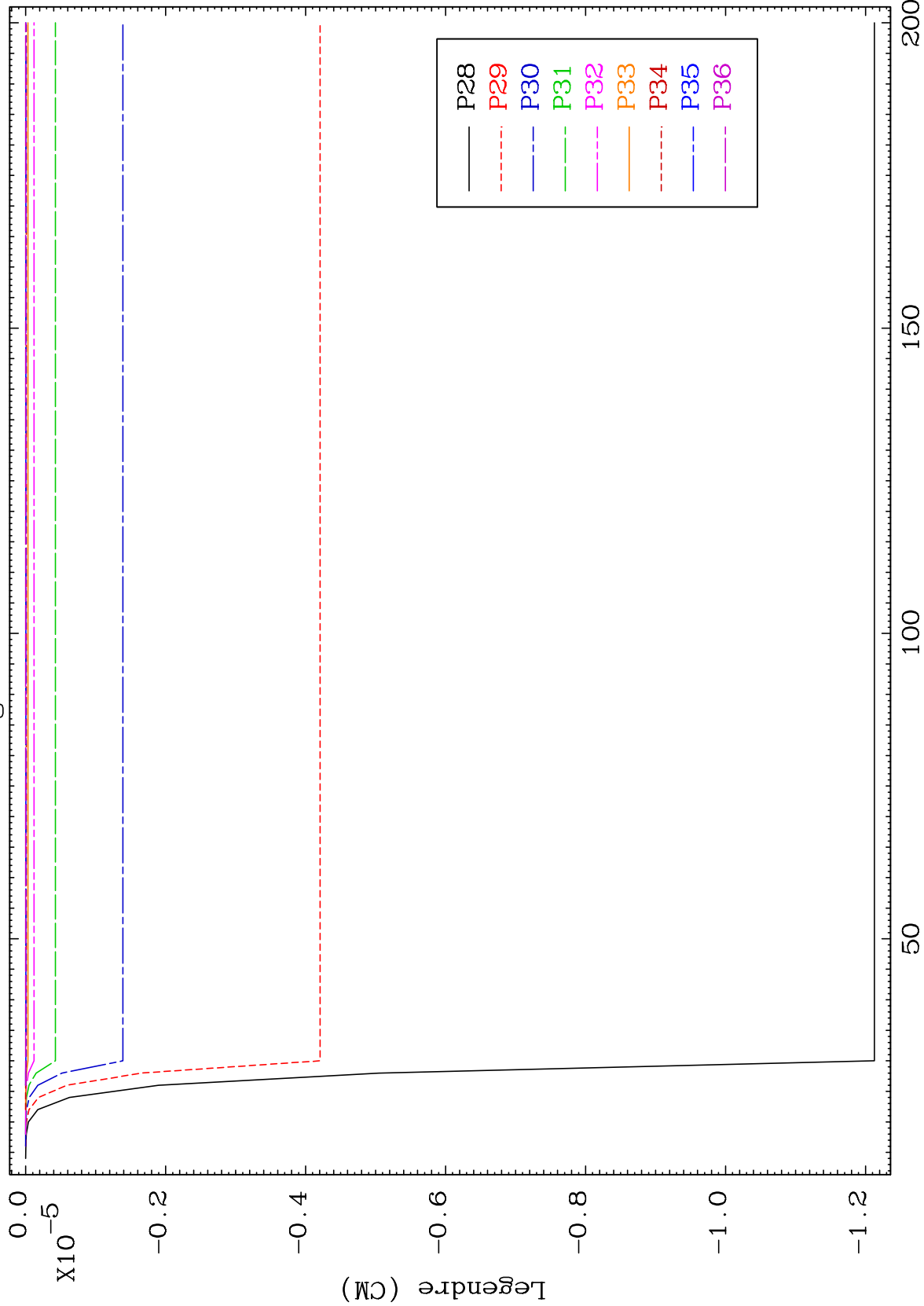
125



MAT 5943

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

59-Pr-147



127

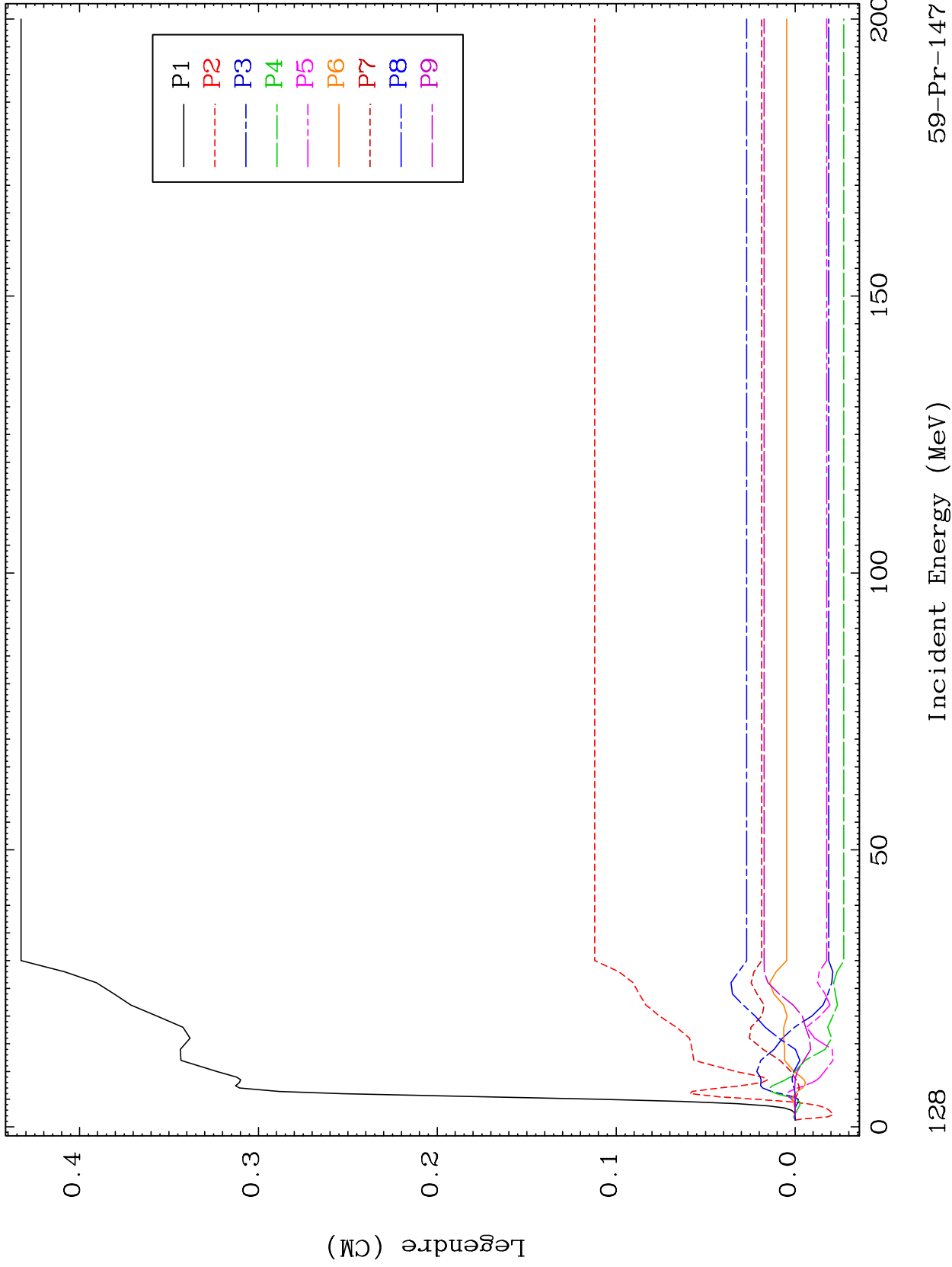
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147



59-Pr-147

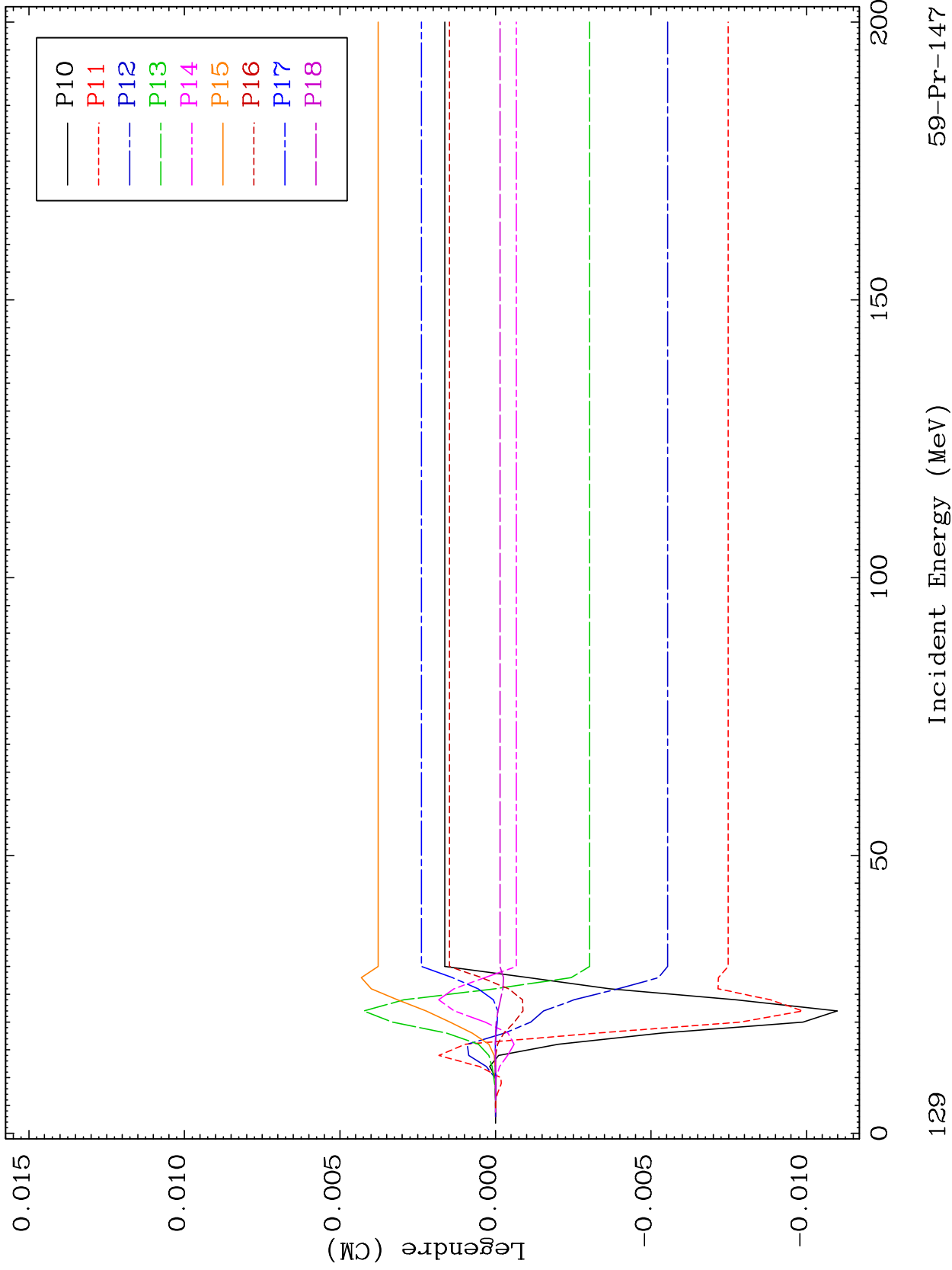
Incident Energy (MeV)

128

MAT 5943

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

59-Pr-147



59-Pr-147

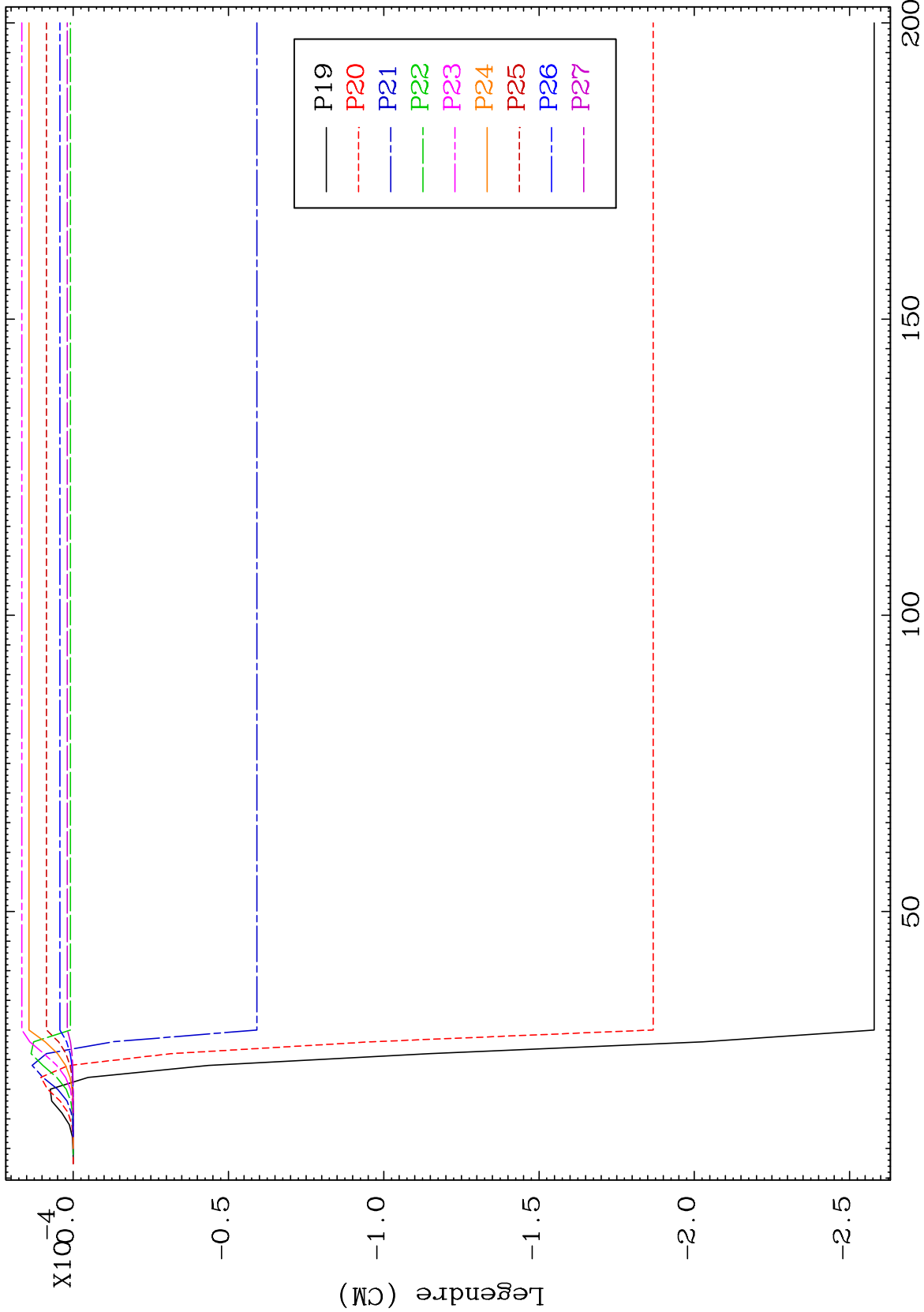
Incident Energy (MeV)

129

MAT 5943

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

59-Pr-147



130

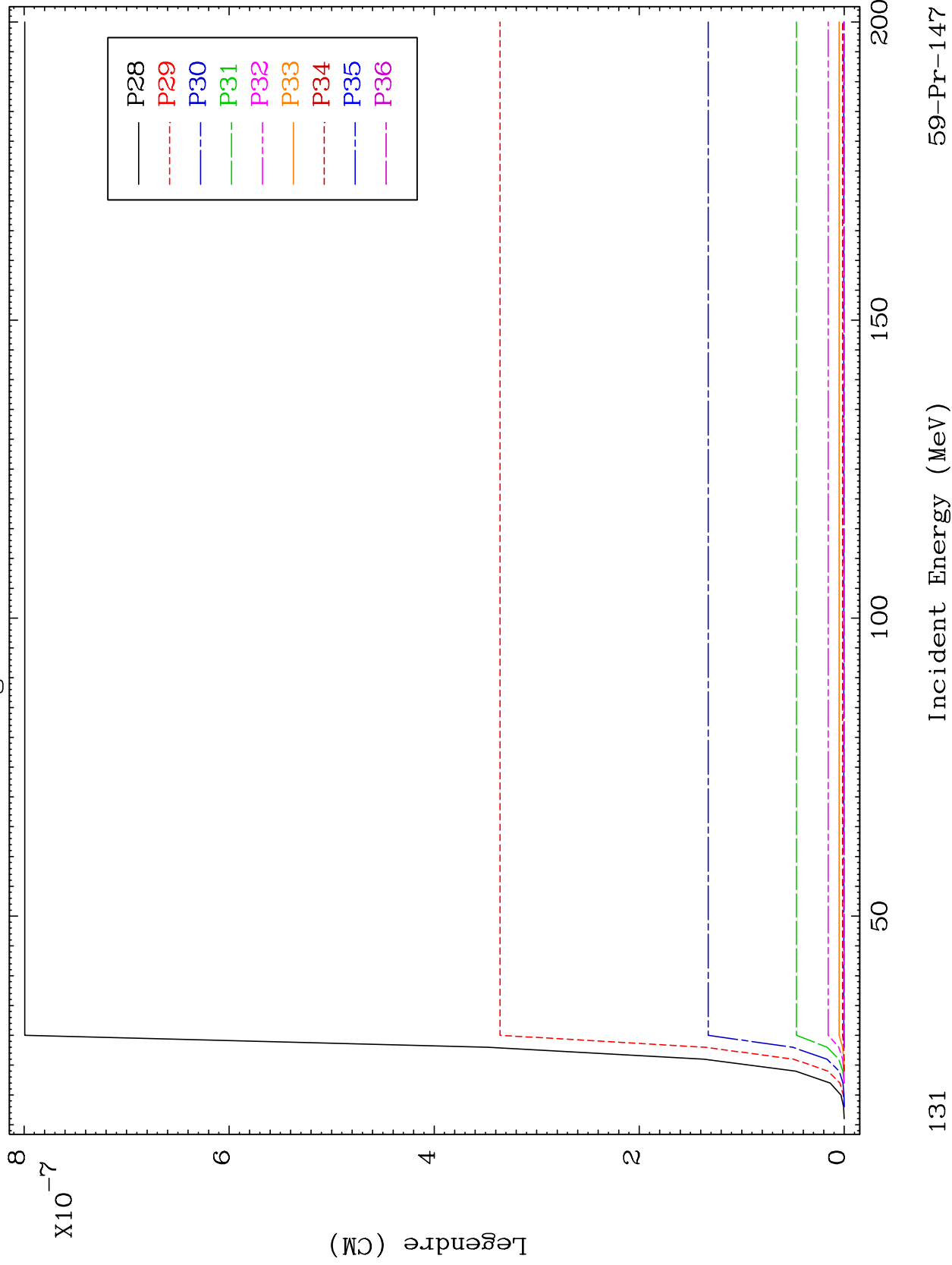
Incident Energy (MeV)

59-Pr-147

MAT 5943

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

59-Pr-147

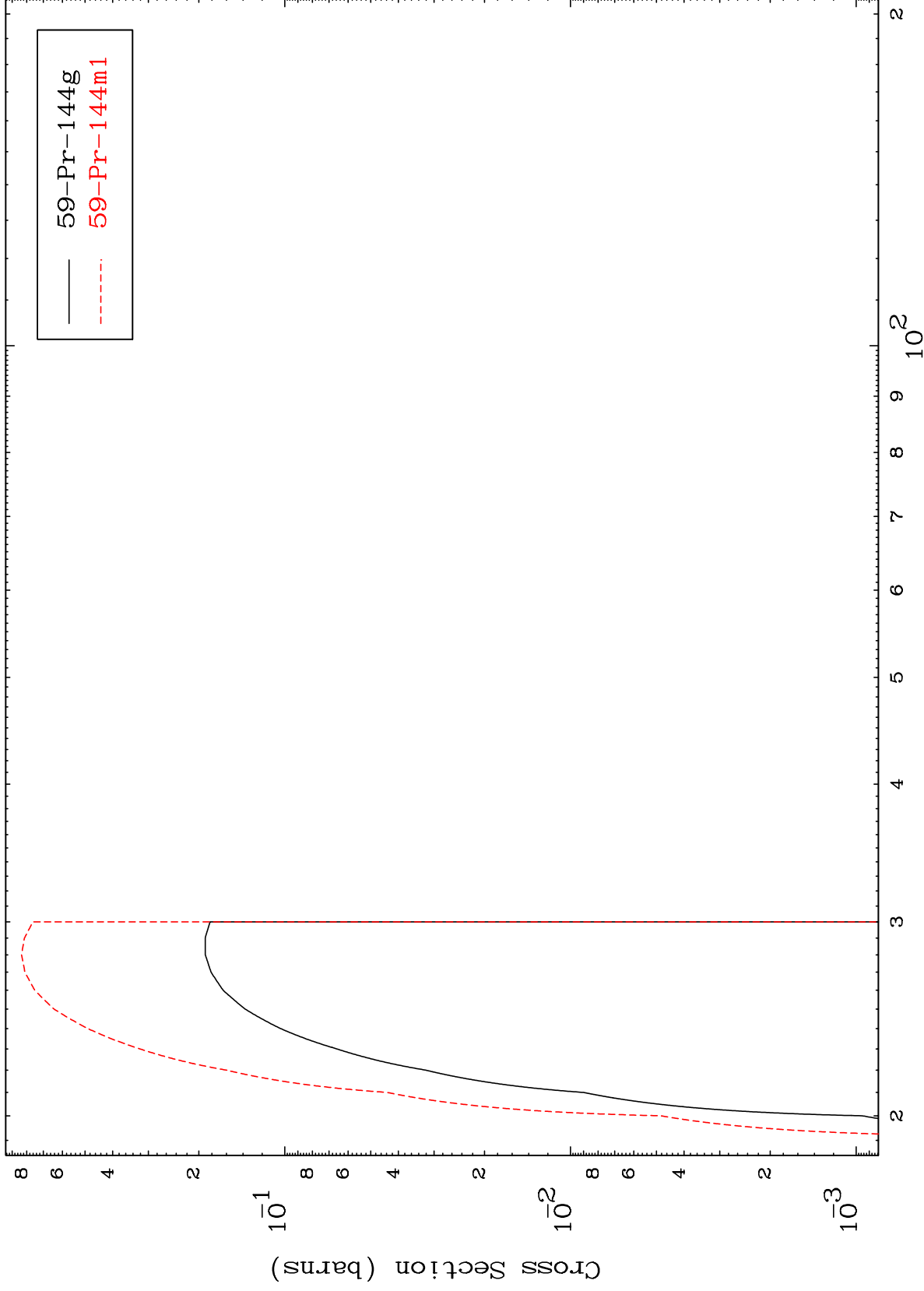


MAT 5943

(n,4n)

59-Pr-147

Radionuclide Production Cross Section



132

Incident Energy (MeV)

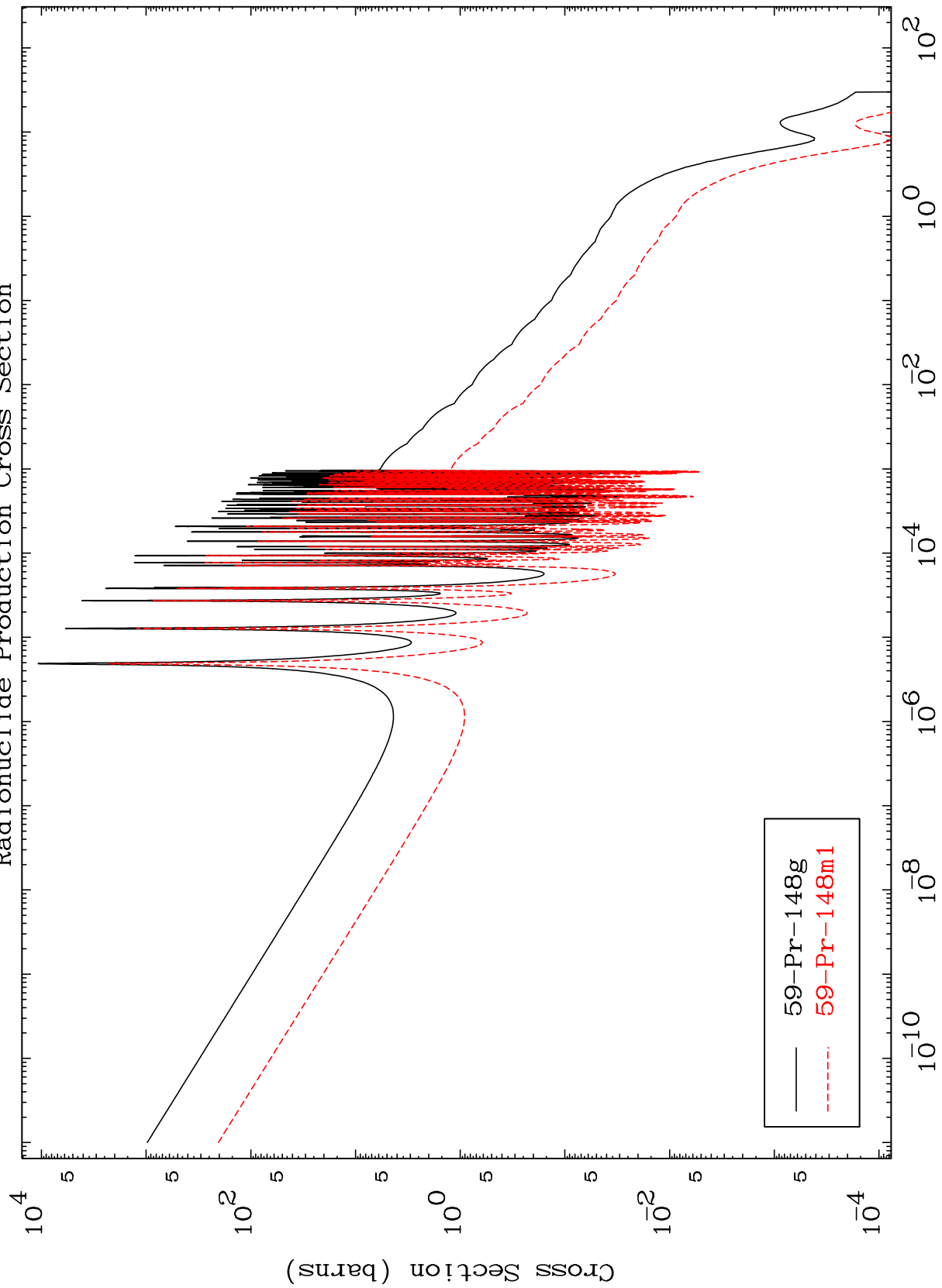
59-Pr-147

MAT 5943

59-Pr-147

Radionuclide Production Cross Section

(n, γ)



59-Pr-147

Incident Energy (MeV)

133

(n,2p)
Radionuclide Production Cross Section

