

Program EVALPLOT
(Version 2021-1)

by

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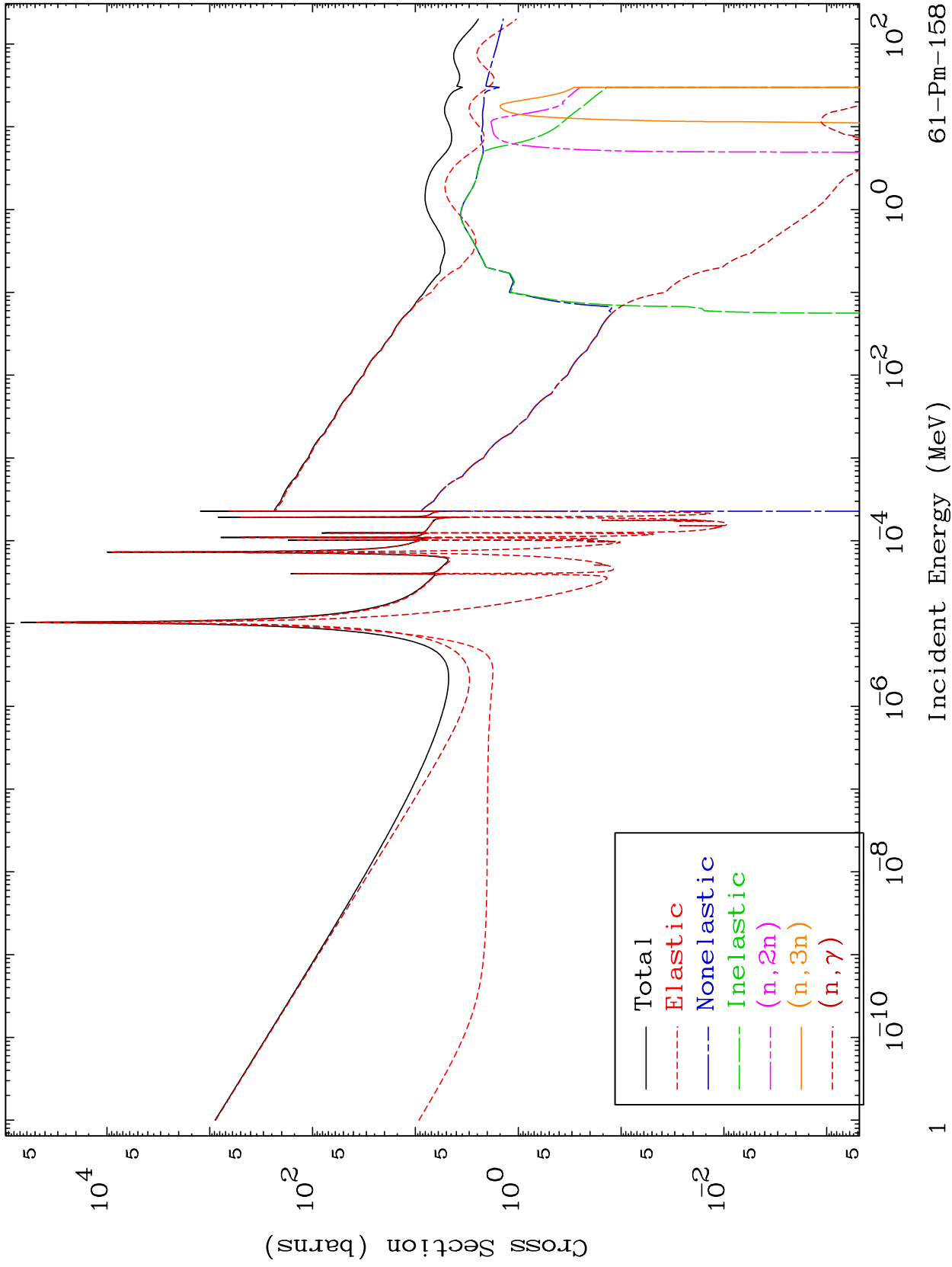
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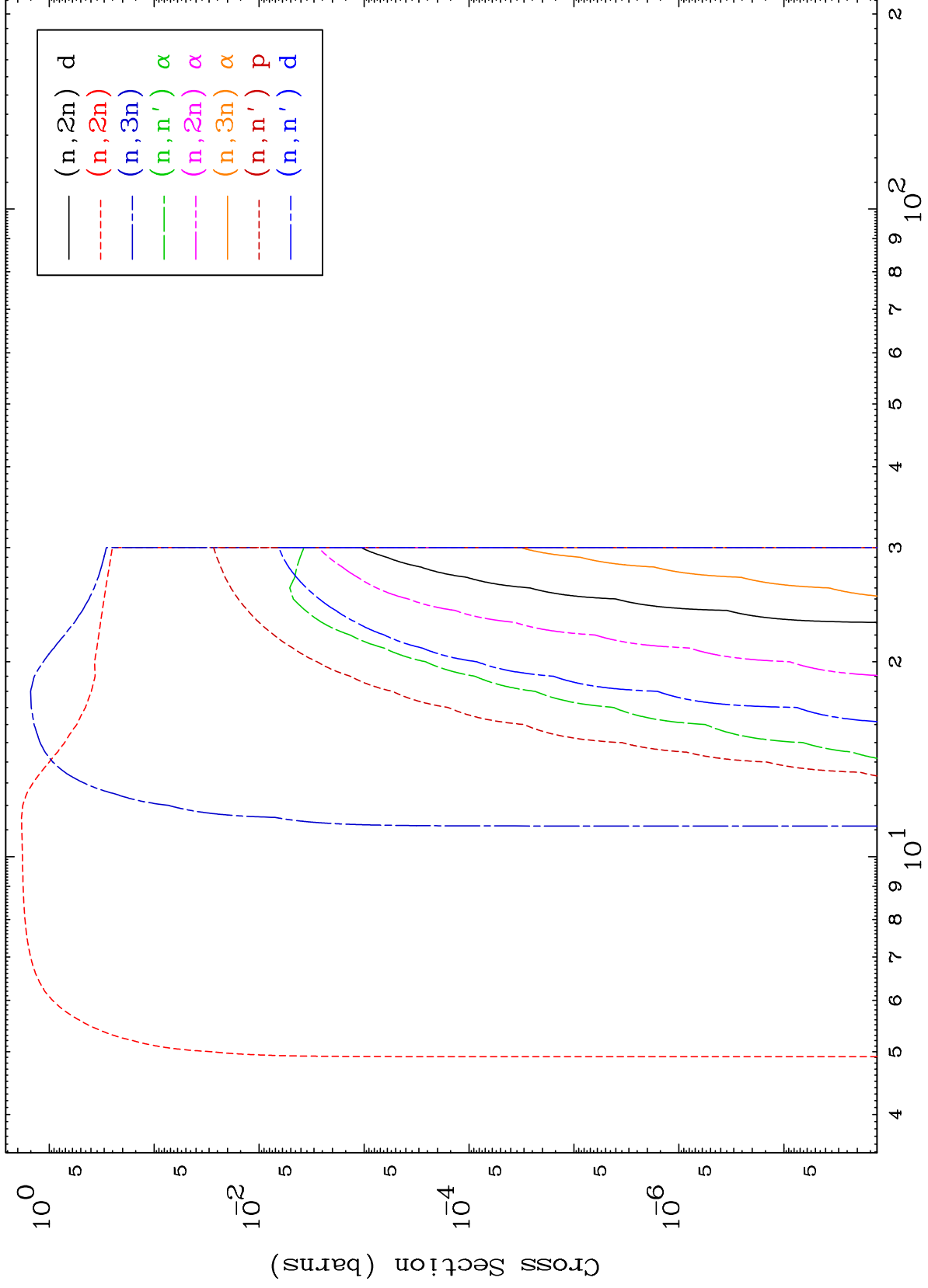
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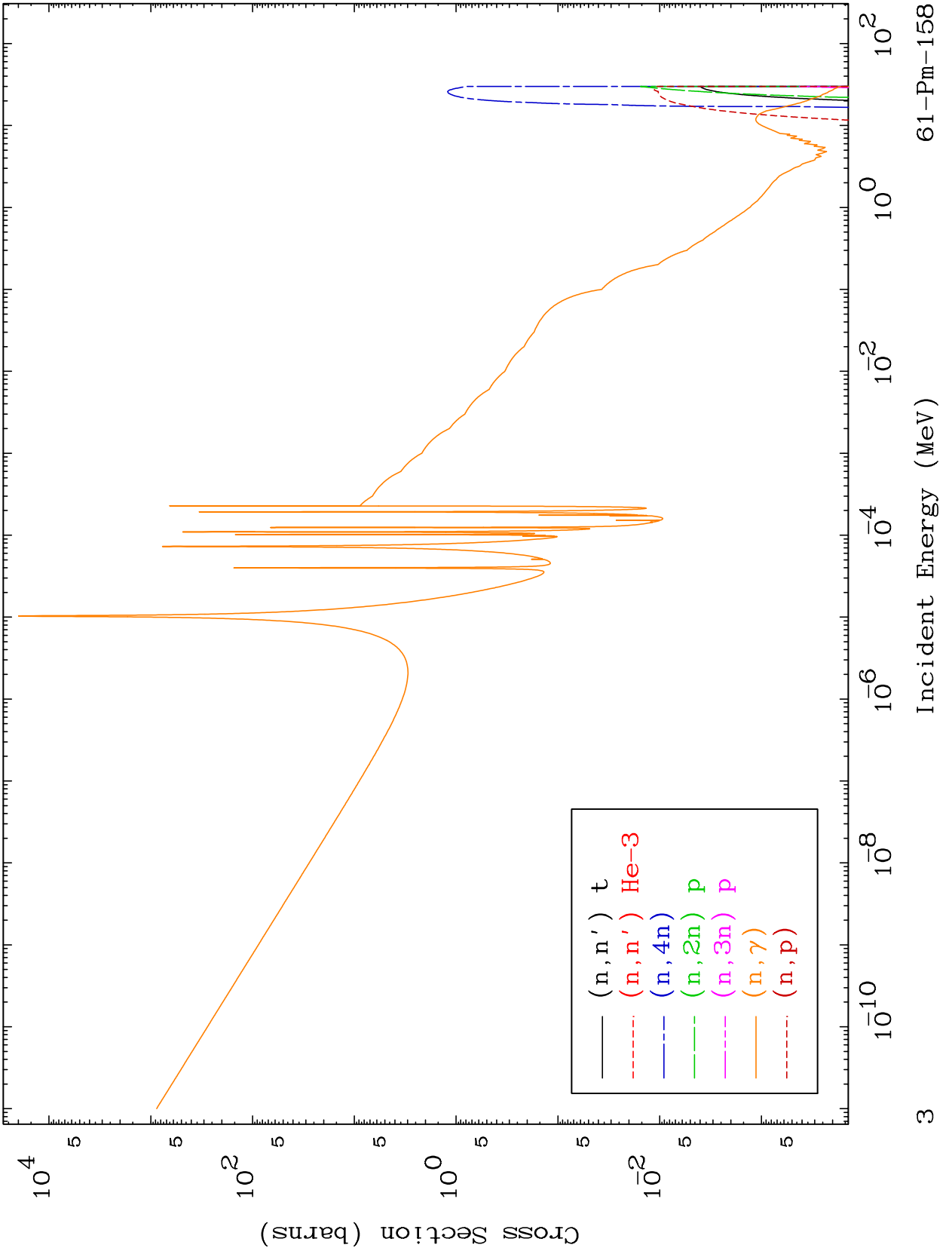
MAT 6182

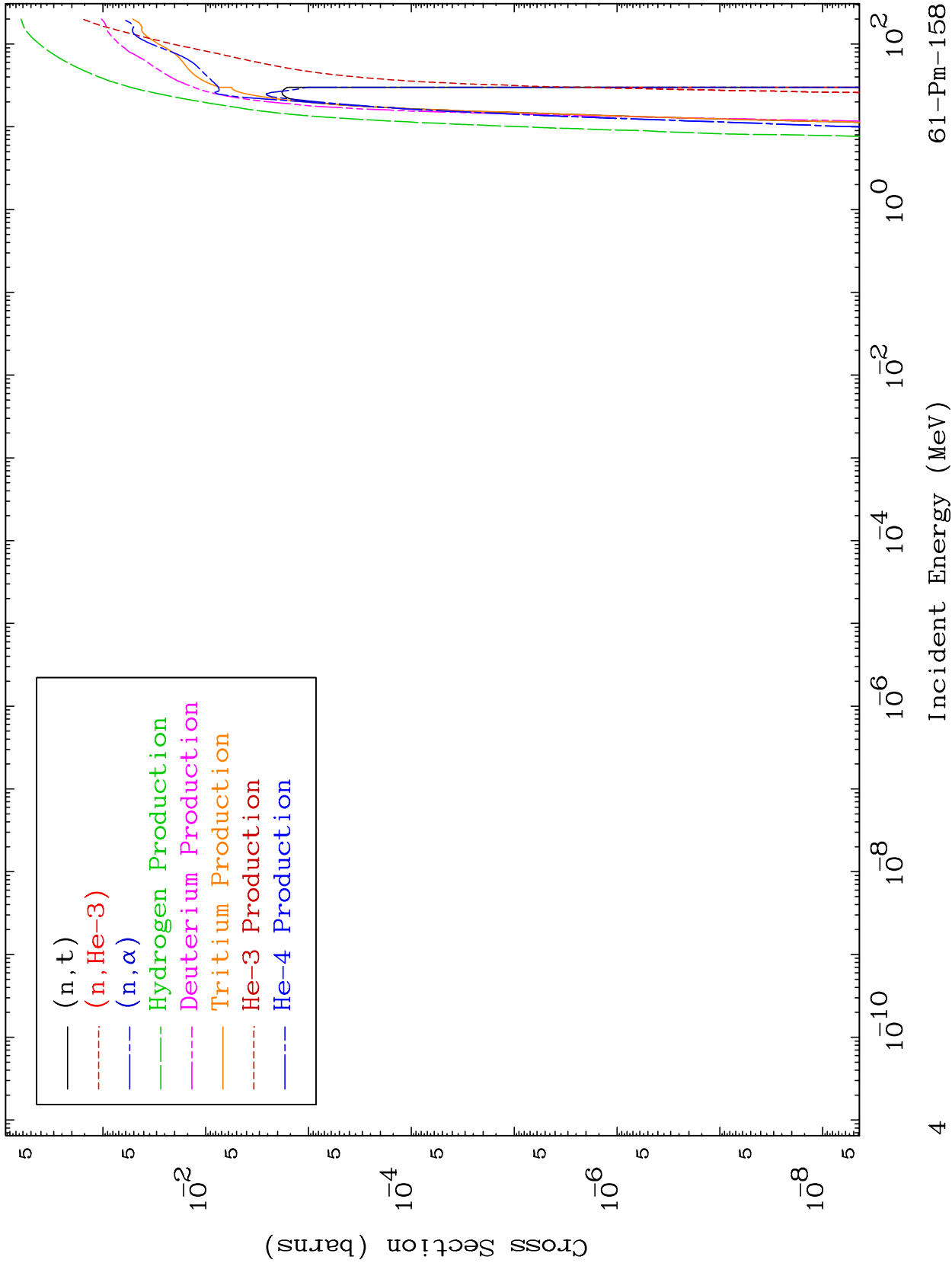
Neutron Major
293 Kelvin Cross Sections

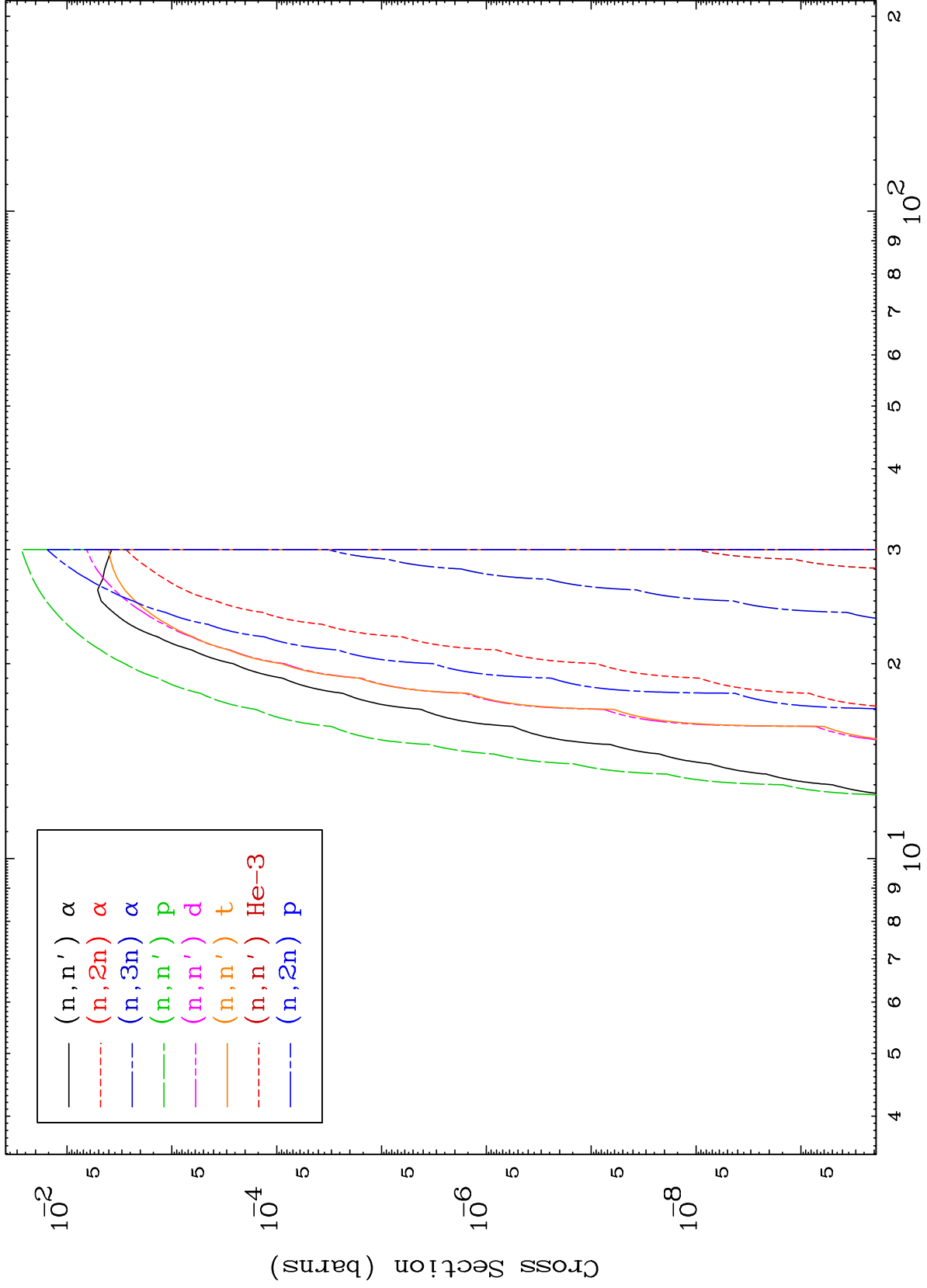
61-Pm-158







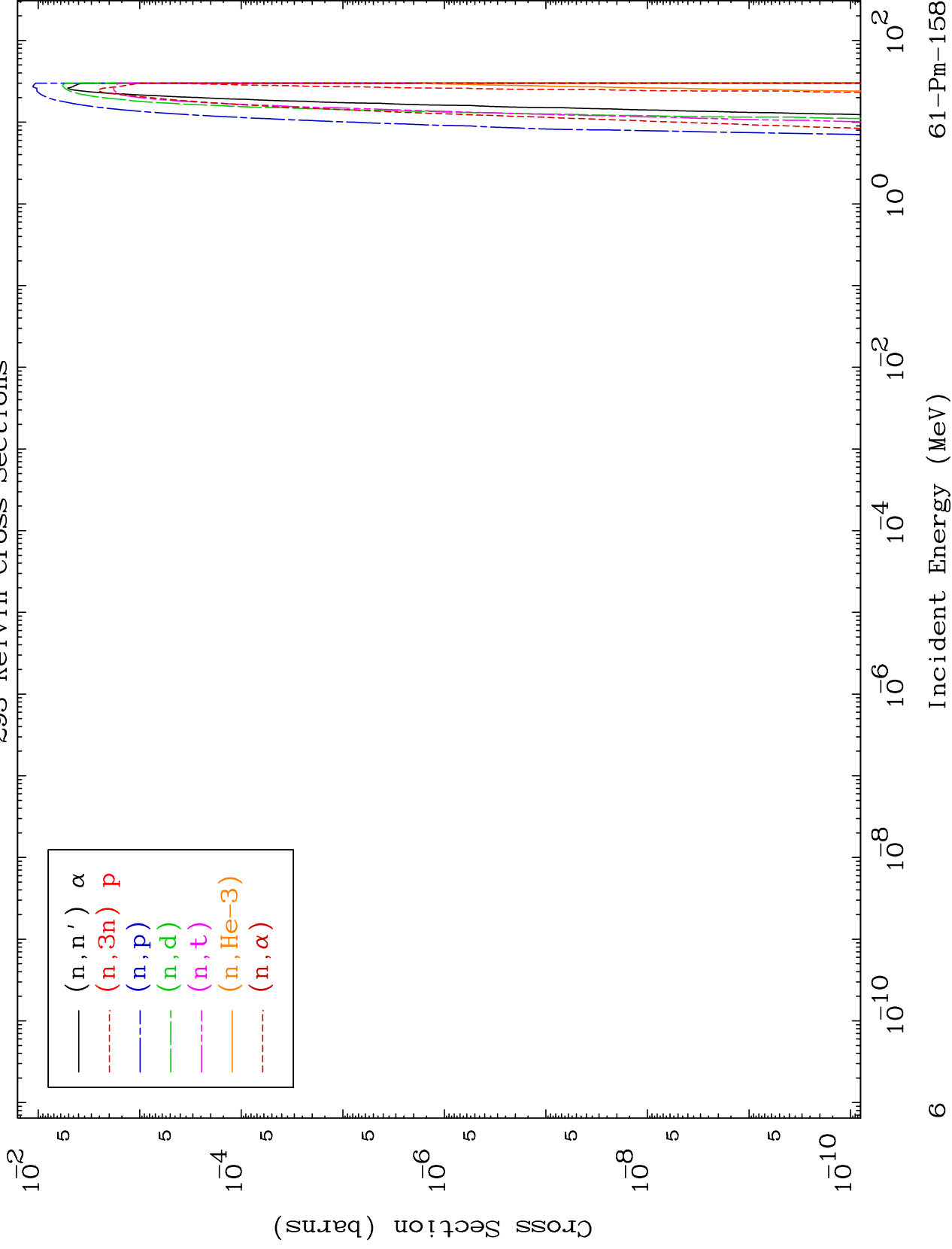


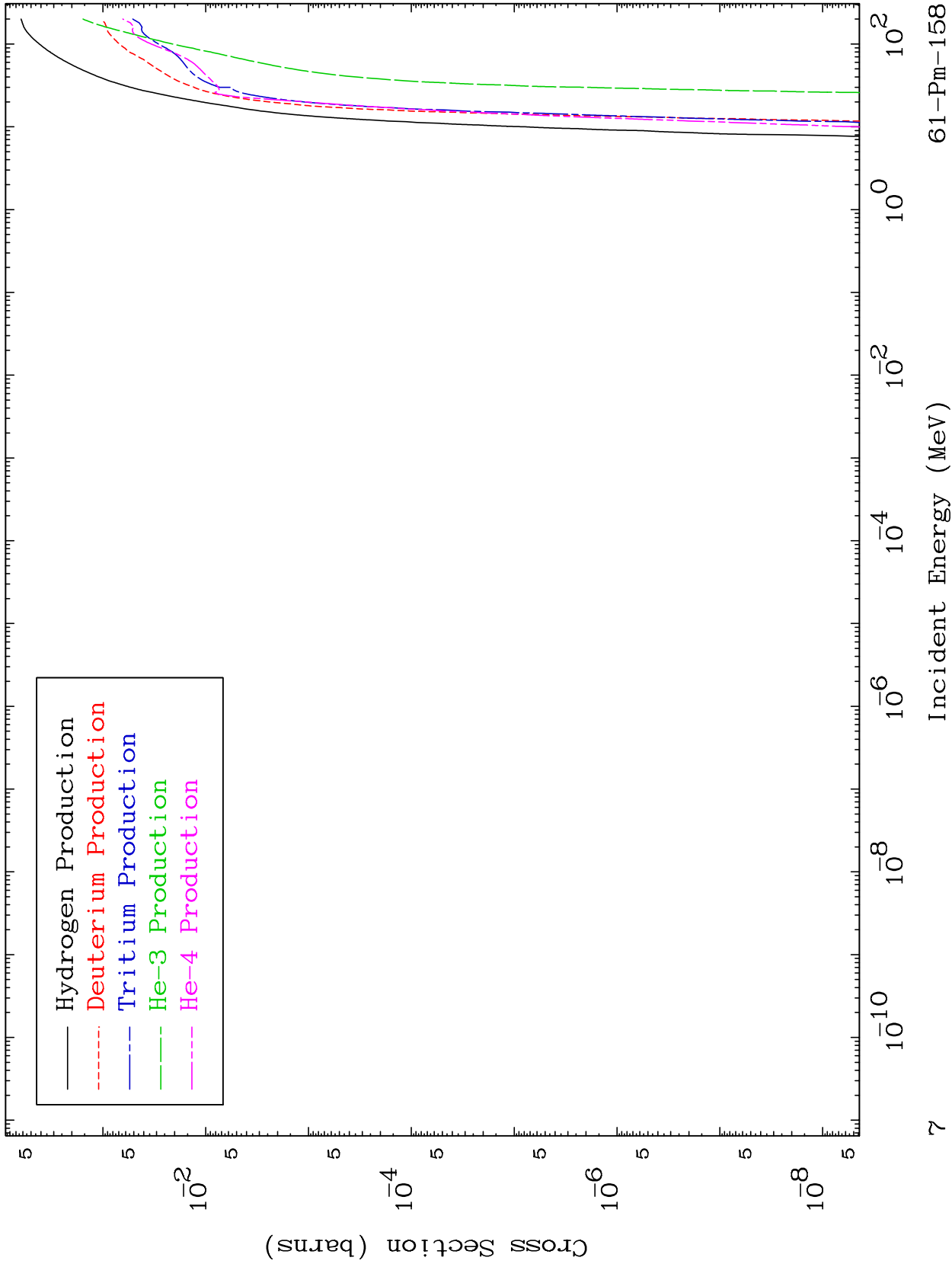


MAT 6182

Charged Particle
293 Kelvin Cross Sections

61-Pm-158

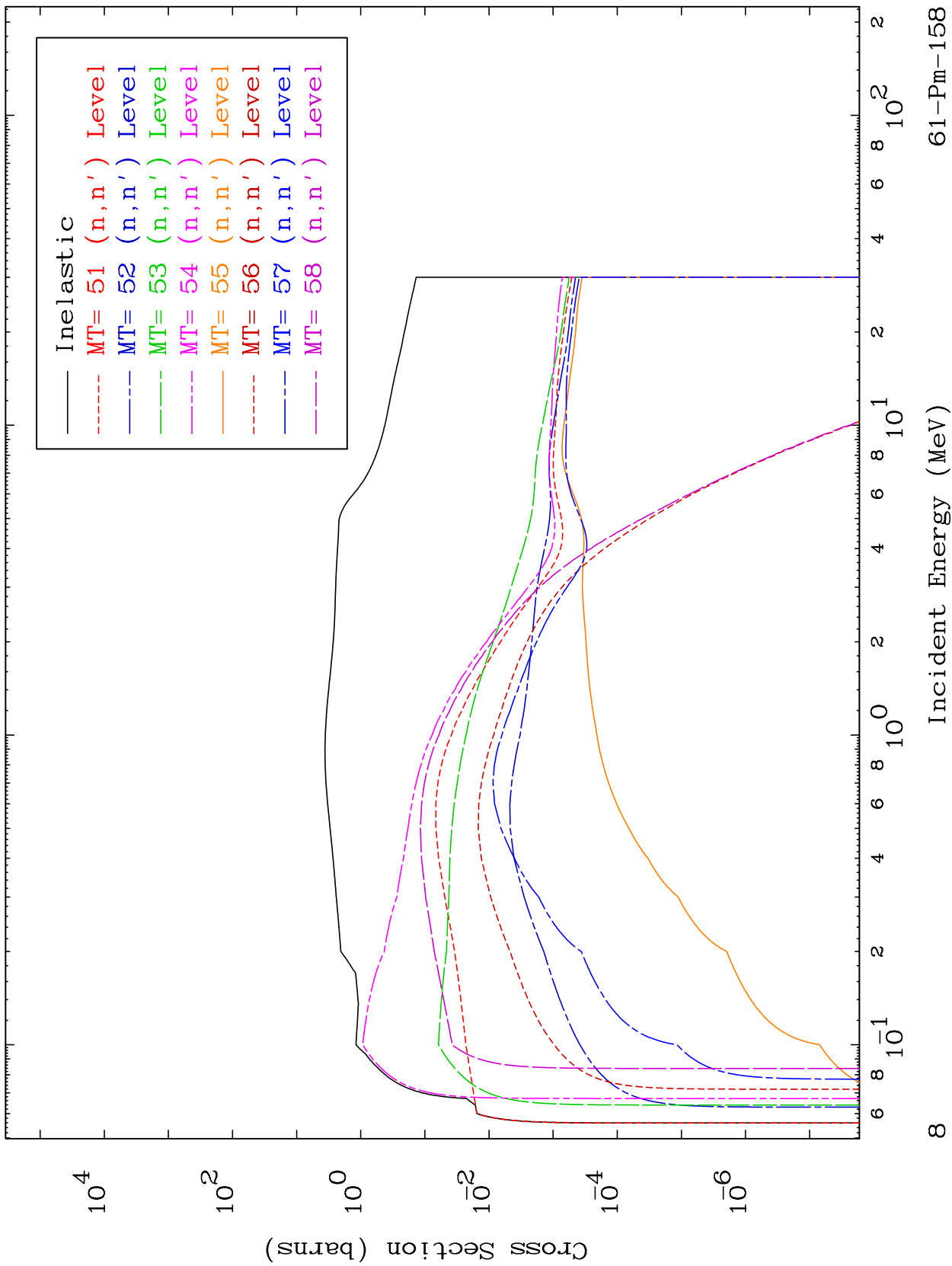




MAT 6182

(n,n') Levels
293 Kelvin Cross Sections

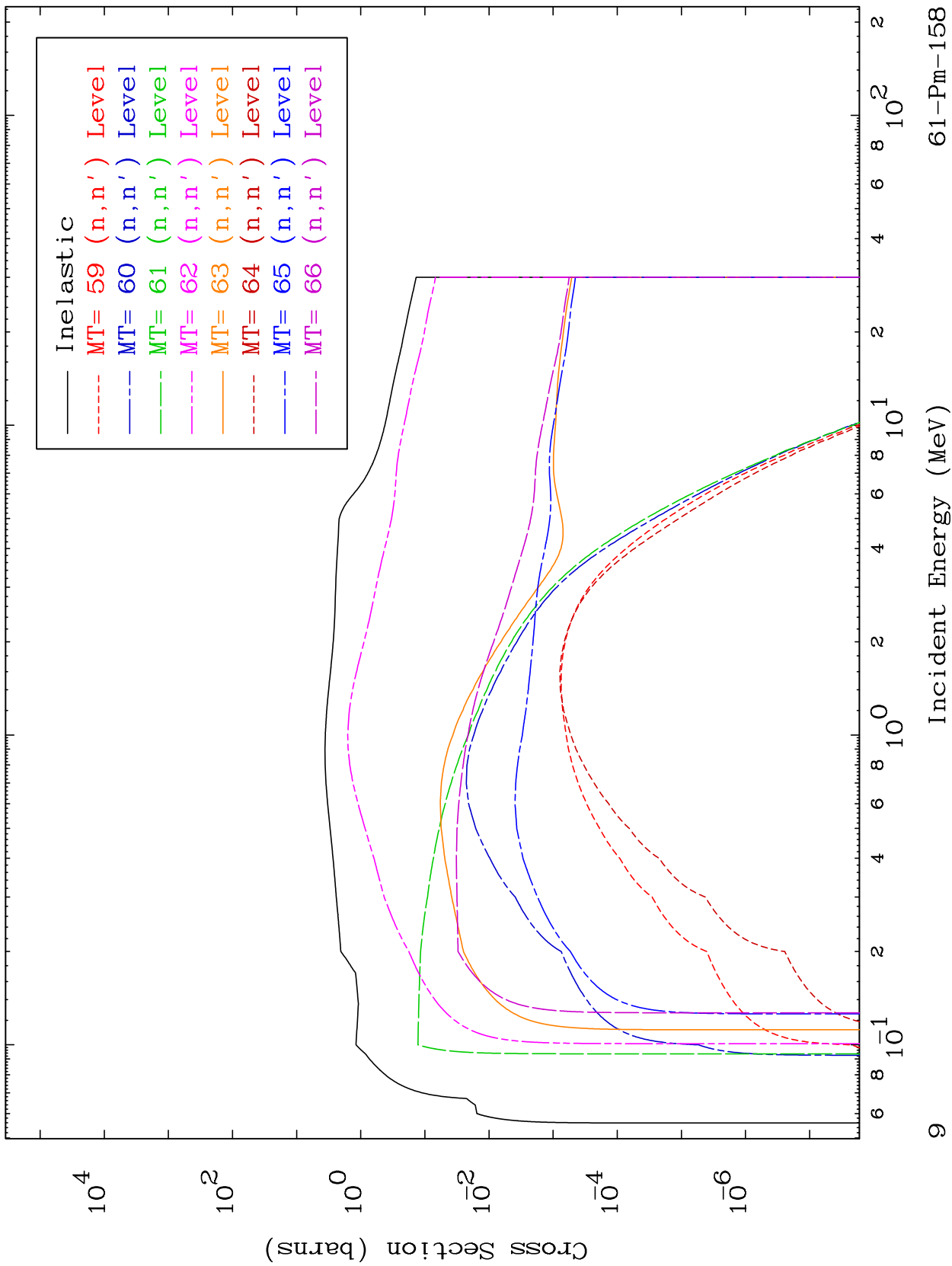
61-Pm-158



8

Incident Energy (MeV)

61-Pm-158

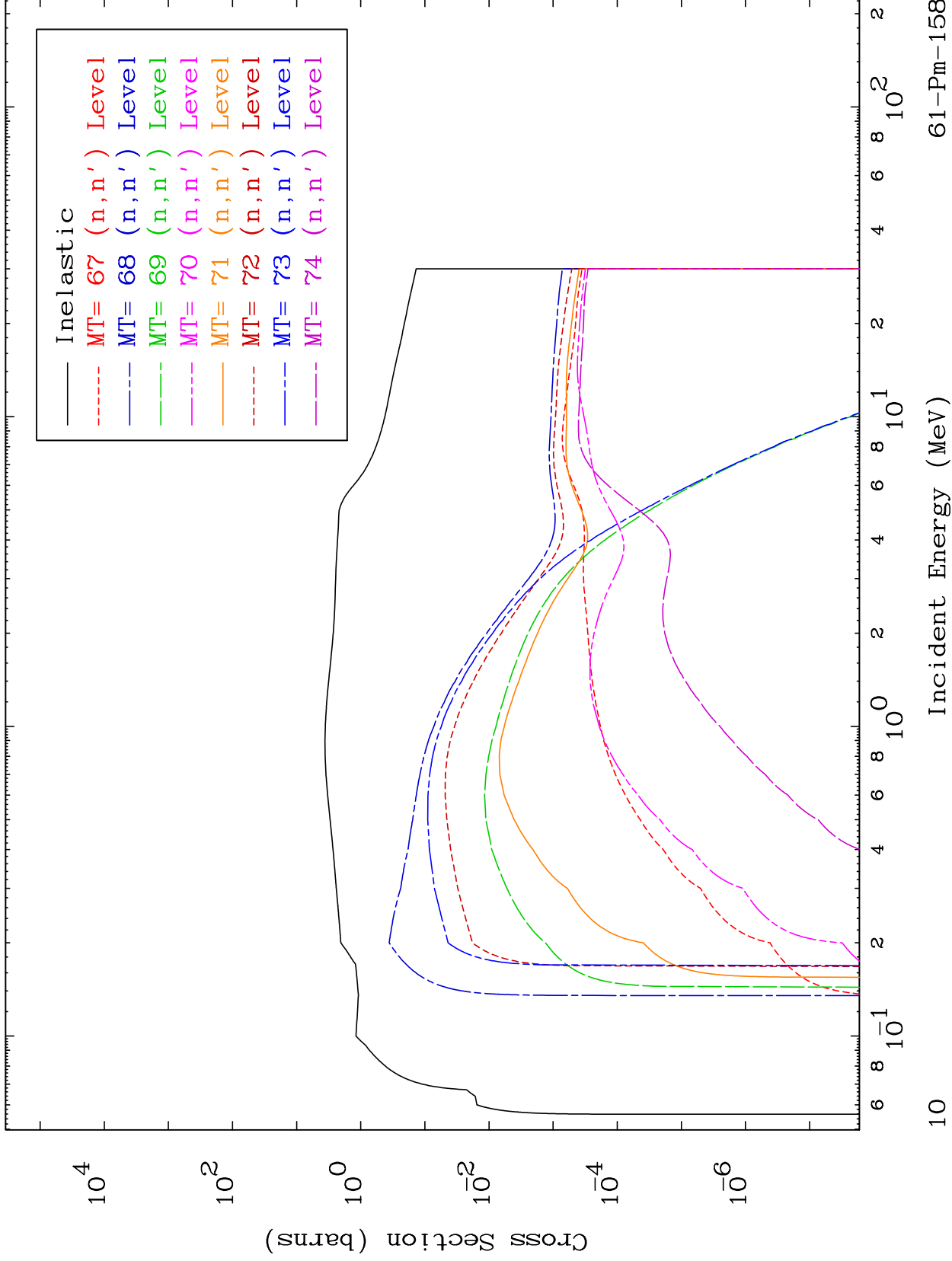


MAT 6182

(n,n') Levels

61-Pm-158

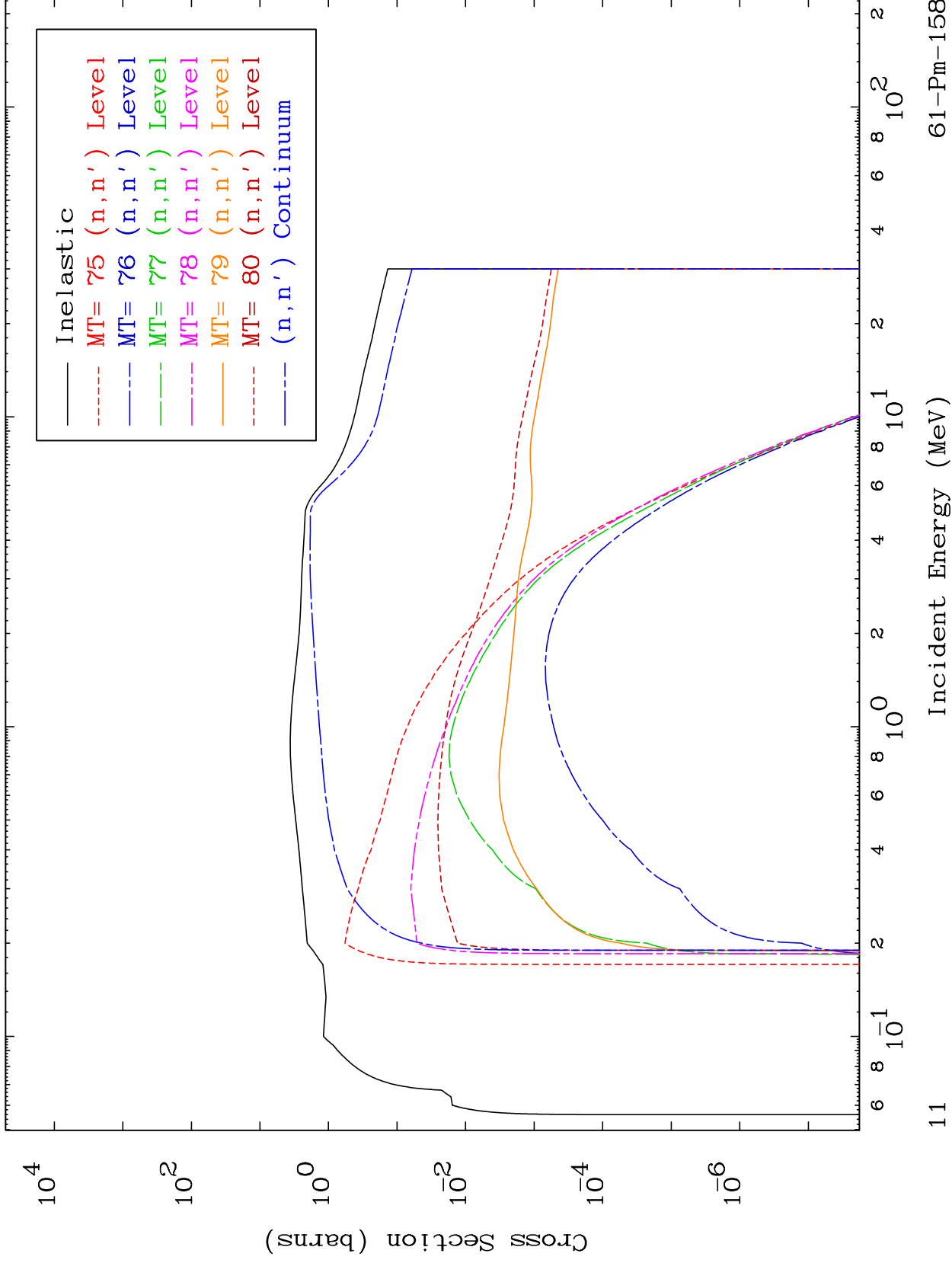
293 Kelvin Cross Sections



61-Pm-158

Incident Energy (MeV)

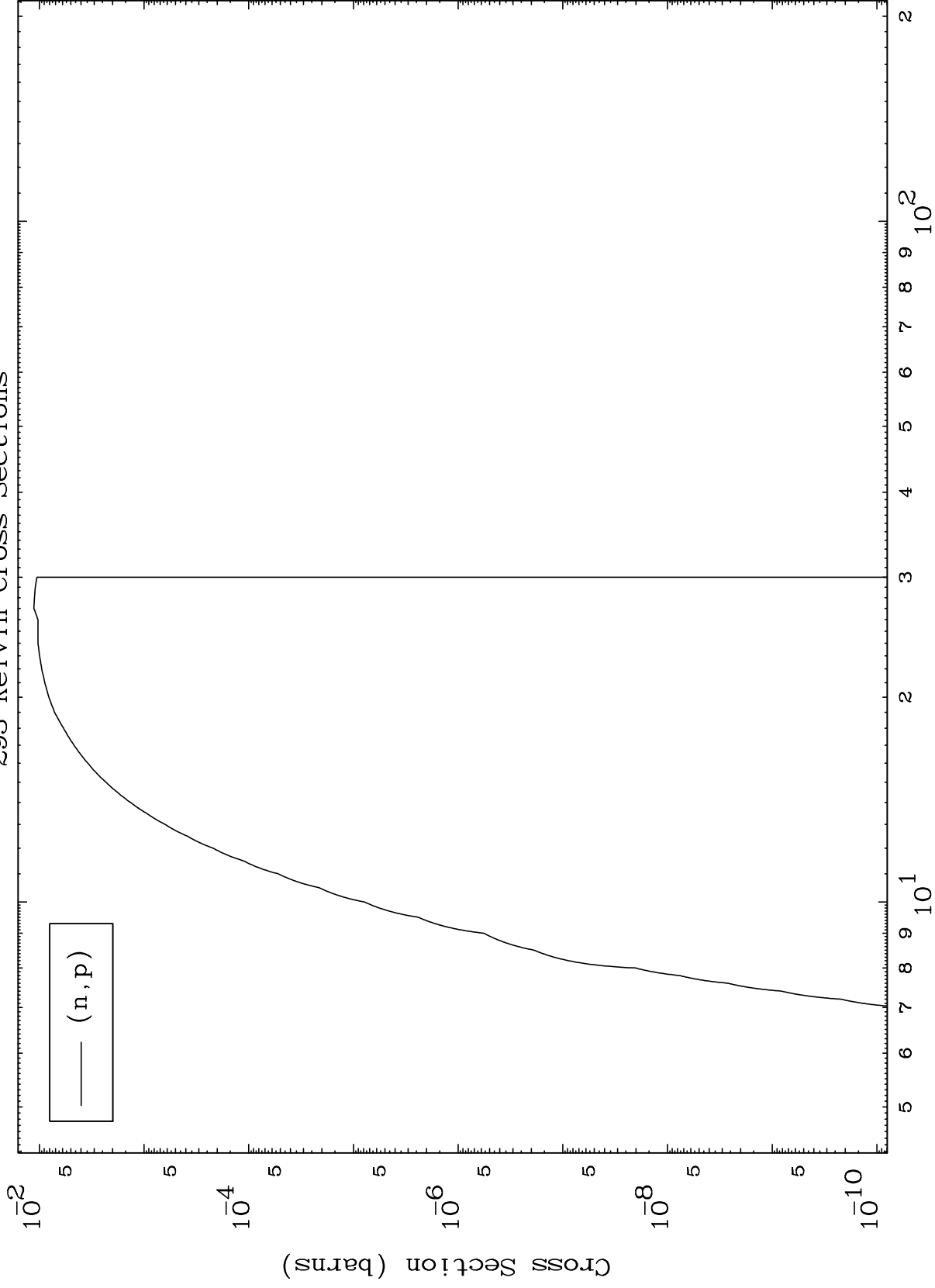
10



MAT 6182

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-158



12

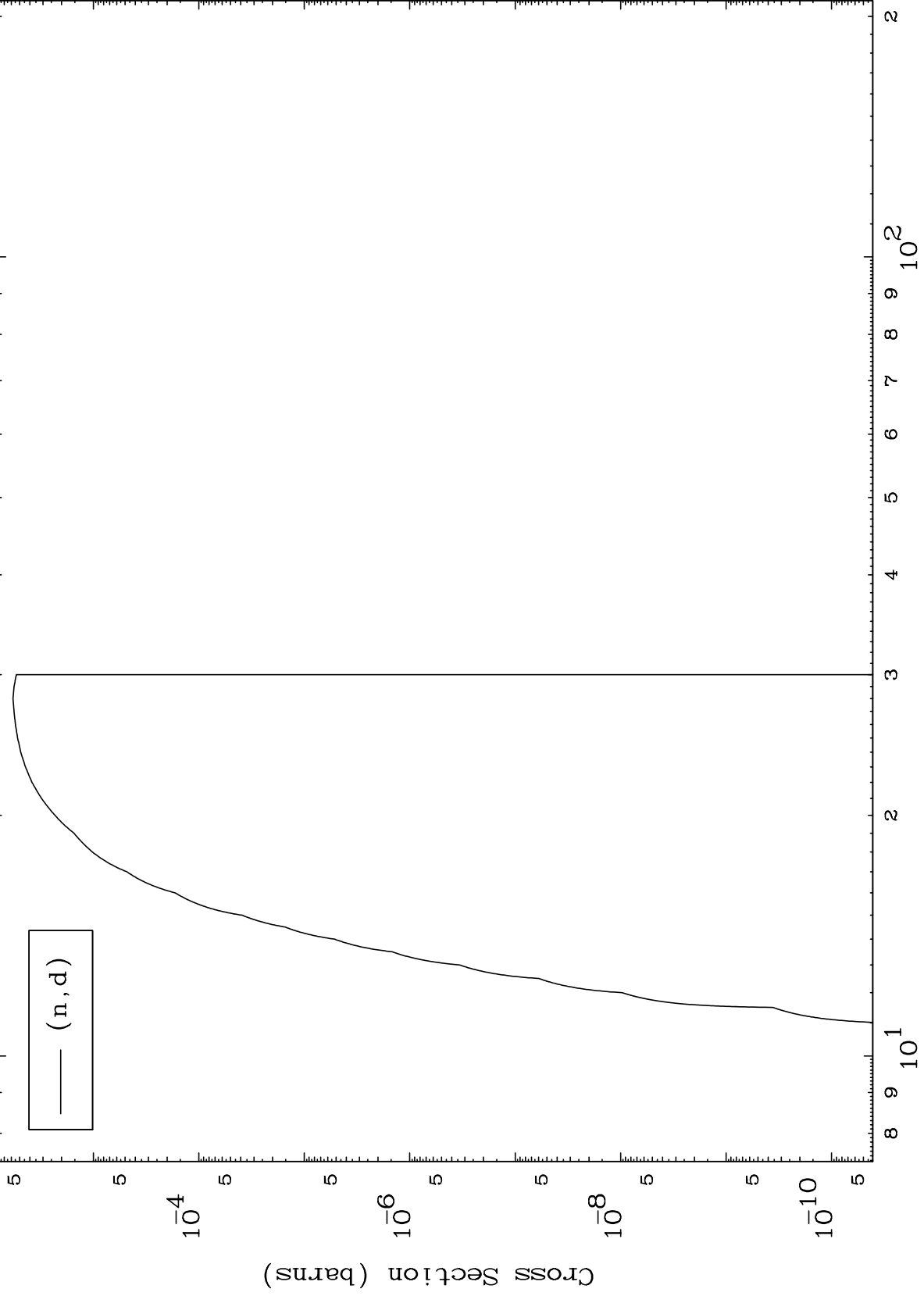
Incident Energy (MeV)

61-Pm-158

MAT 6182

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-158



13

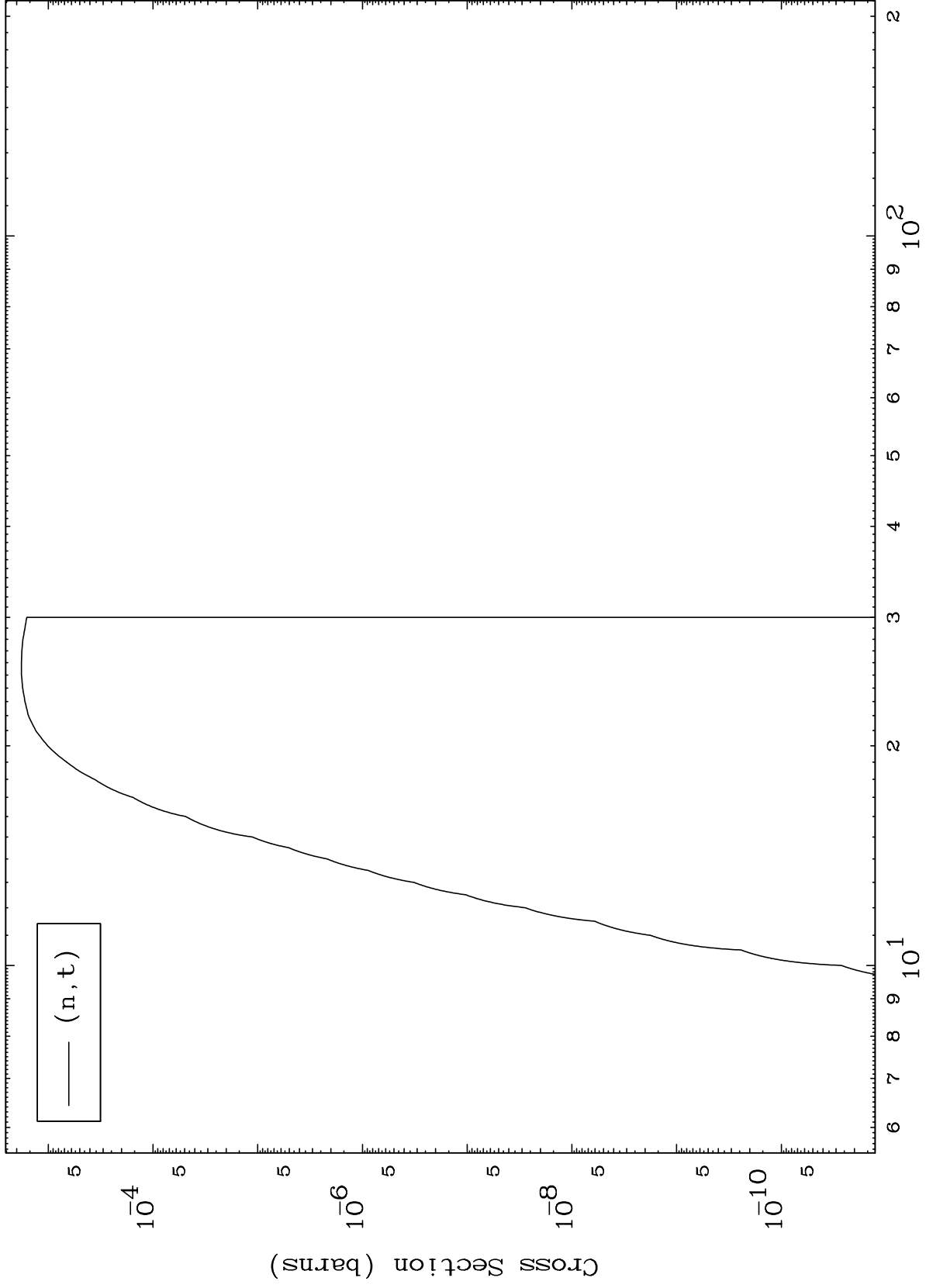
Incident Energy (MeV)

61-Pm-158

MAT 6182

(n, t) Levels
293 Kelvin Cross Sections

61-Pm-158



14

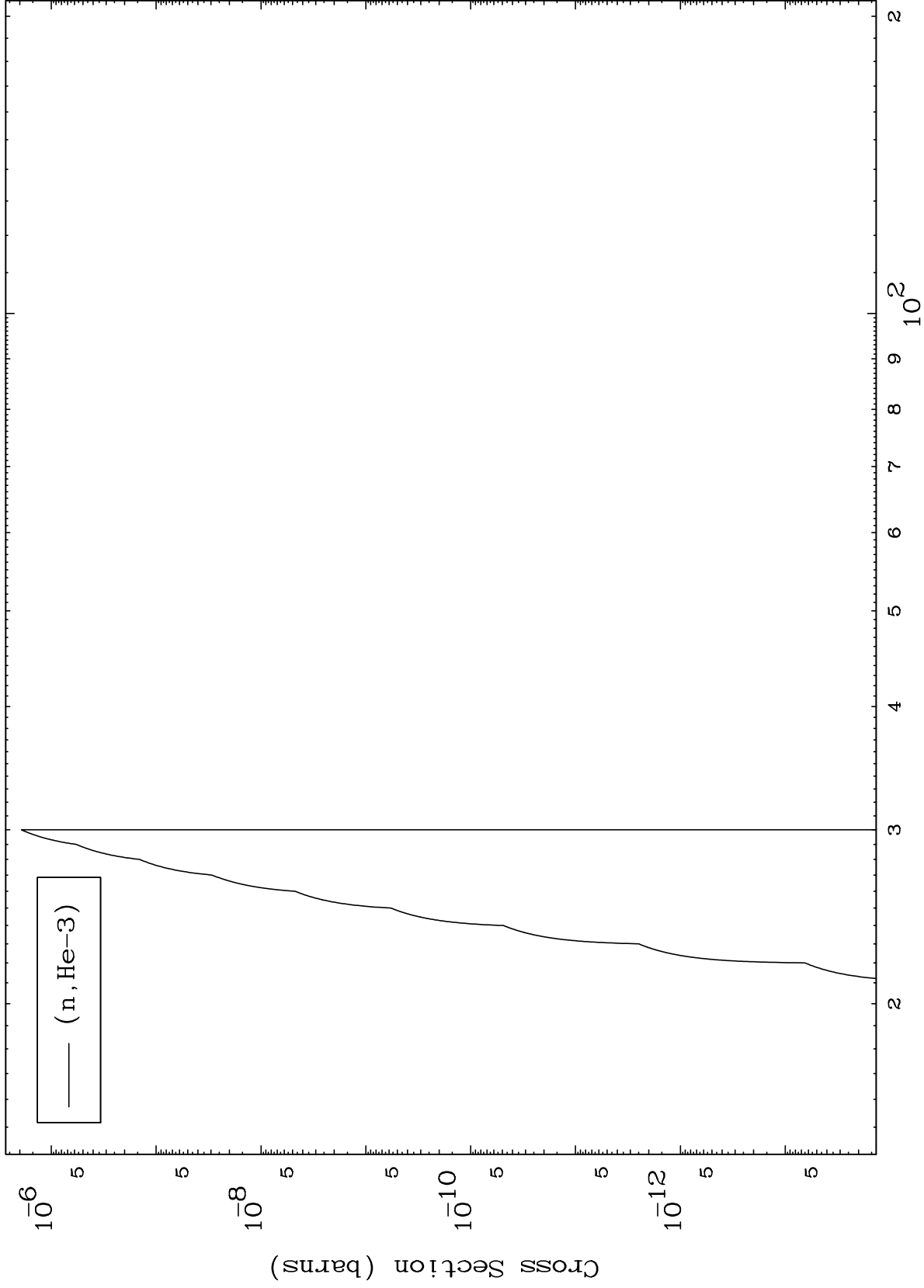
Incident Energy (MeV)

61-Pm-158

MAT 6182

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-158



15

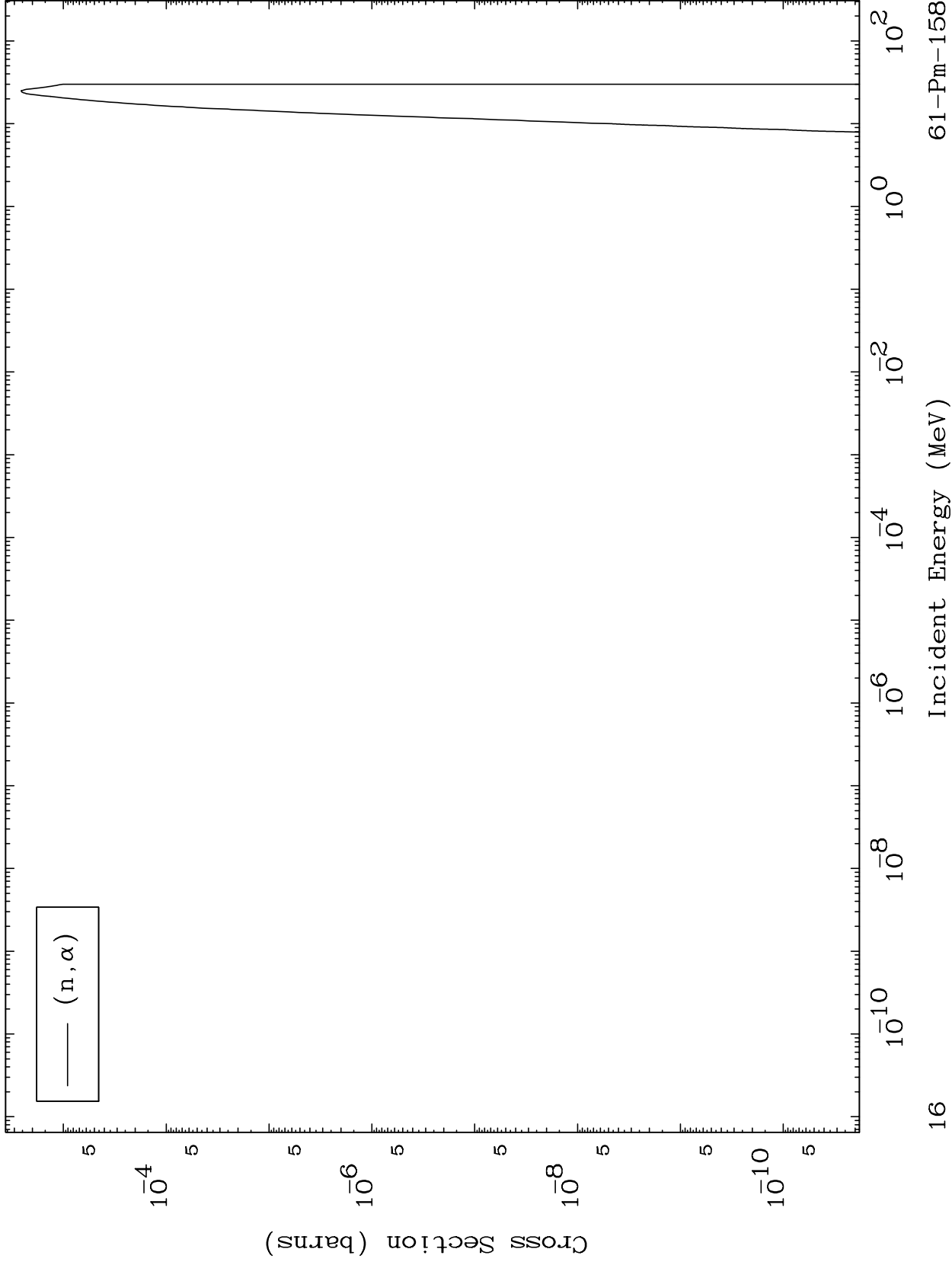
Incident Energy (MeV)

61-Pm-158

MAT 6182

(n, α) Levels
293 Kelvin Cross Sections

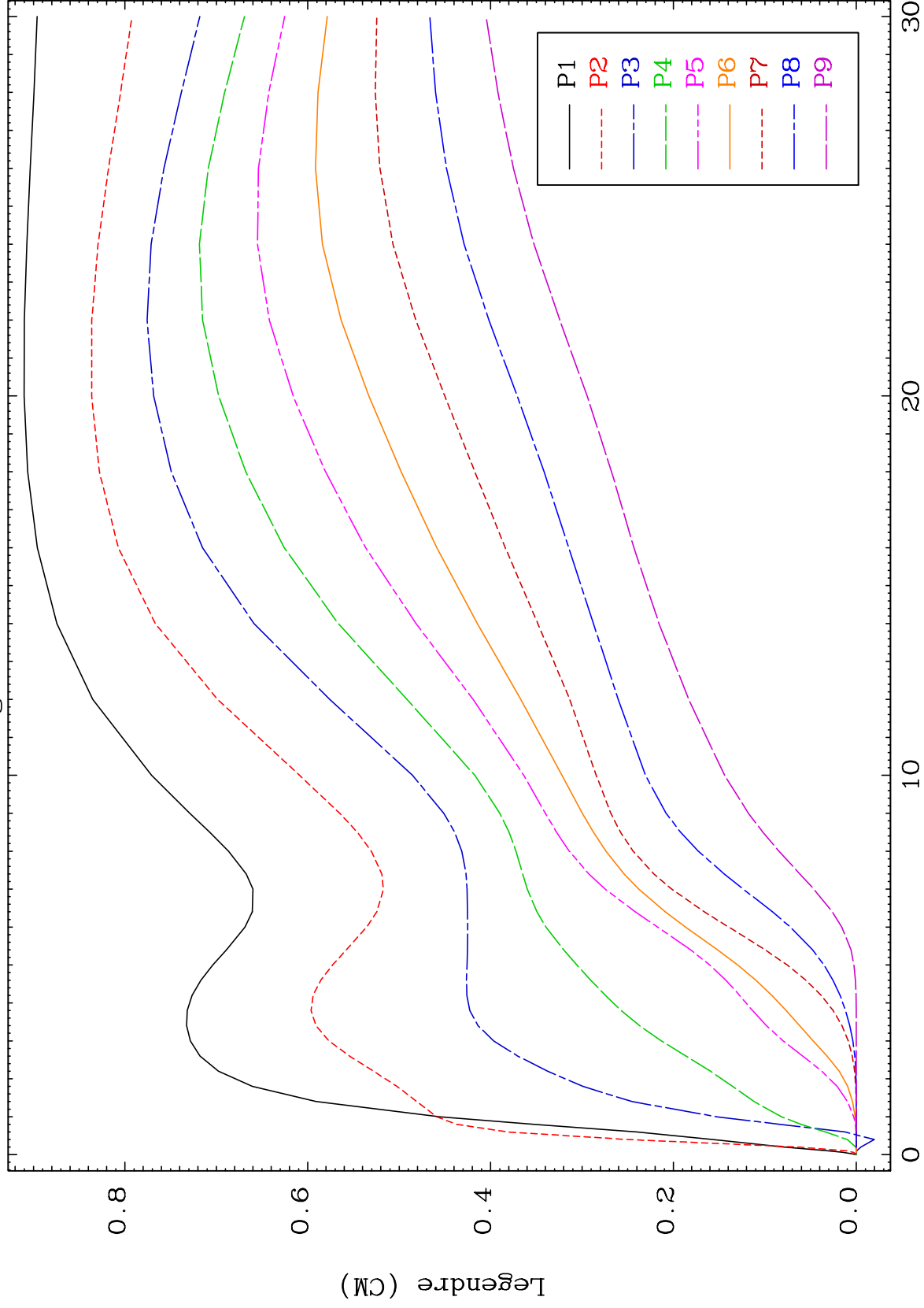
61-Pm-158



MAT 6182

Elastic Legendre Coefficients

61-Pm-158



17

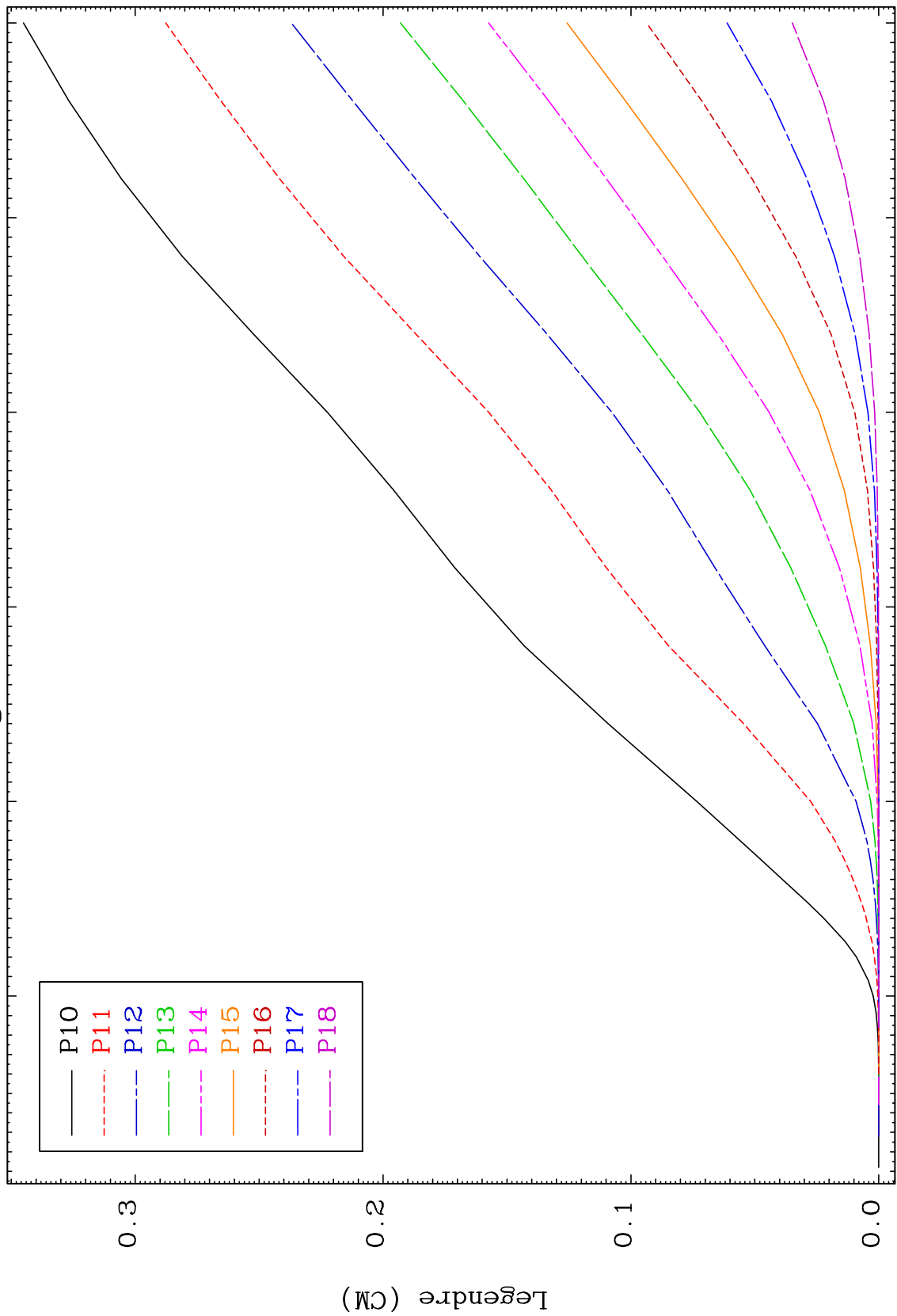
Incident Energy (MeV)

61-Pm-158

MAT 6182

Elastic Legendre Coefficients

61-Pm-158



18

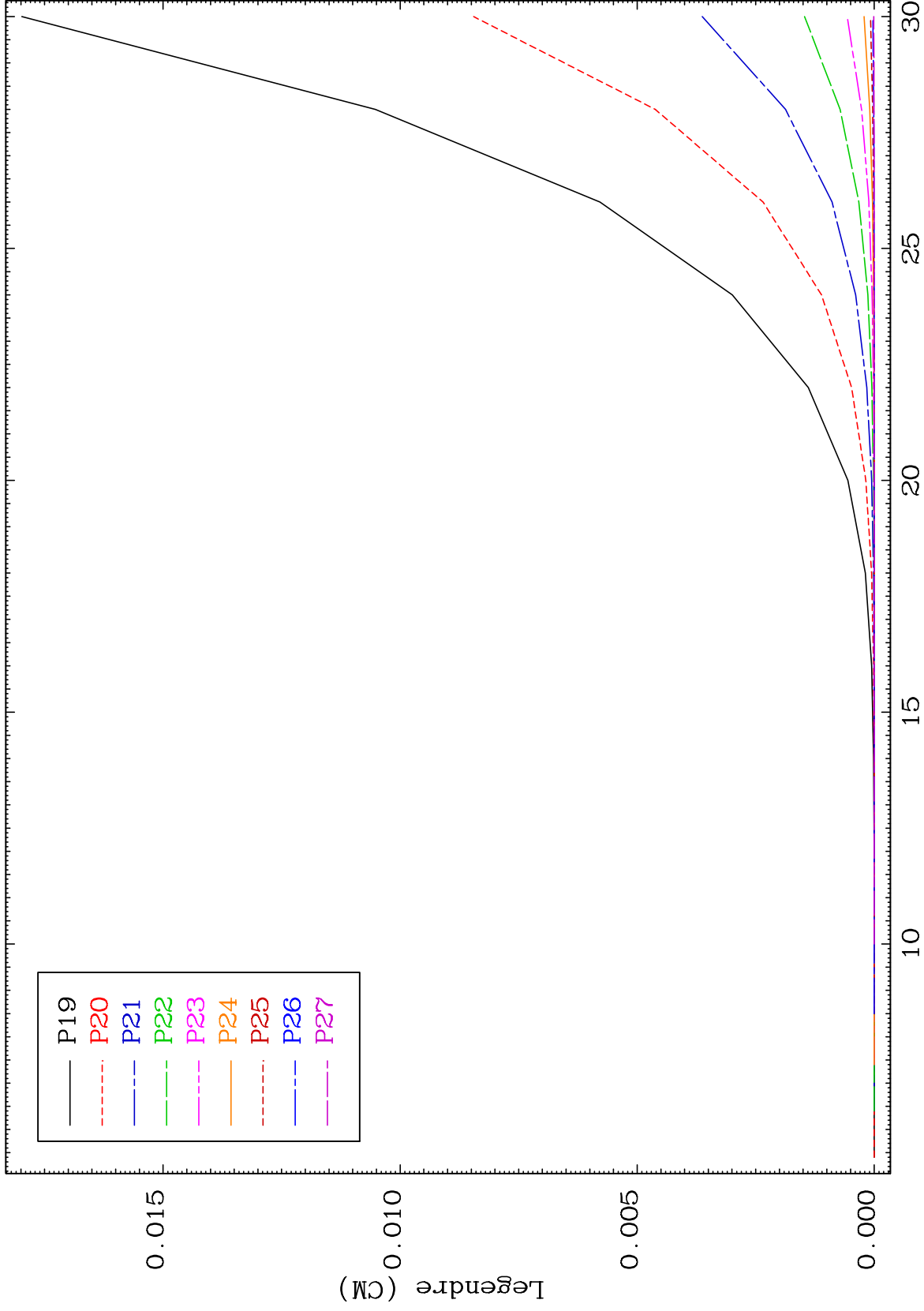
Incident Energy (MeV)

61-Pm-158

MAT 6182

Elastic Legendre Coefficients

61-Pm-158



19

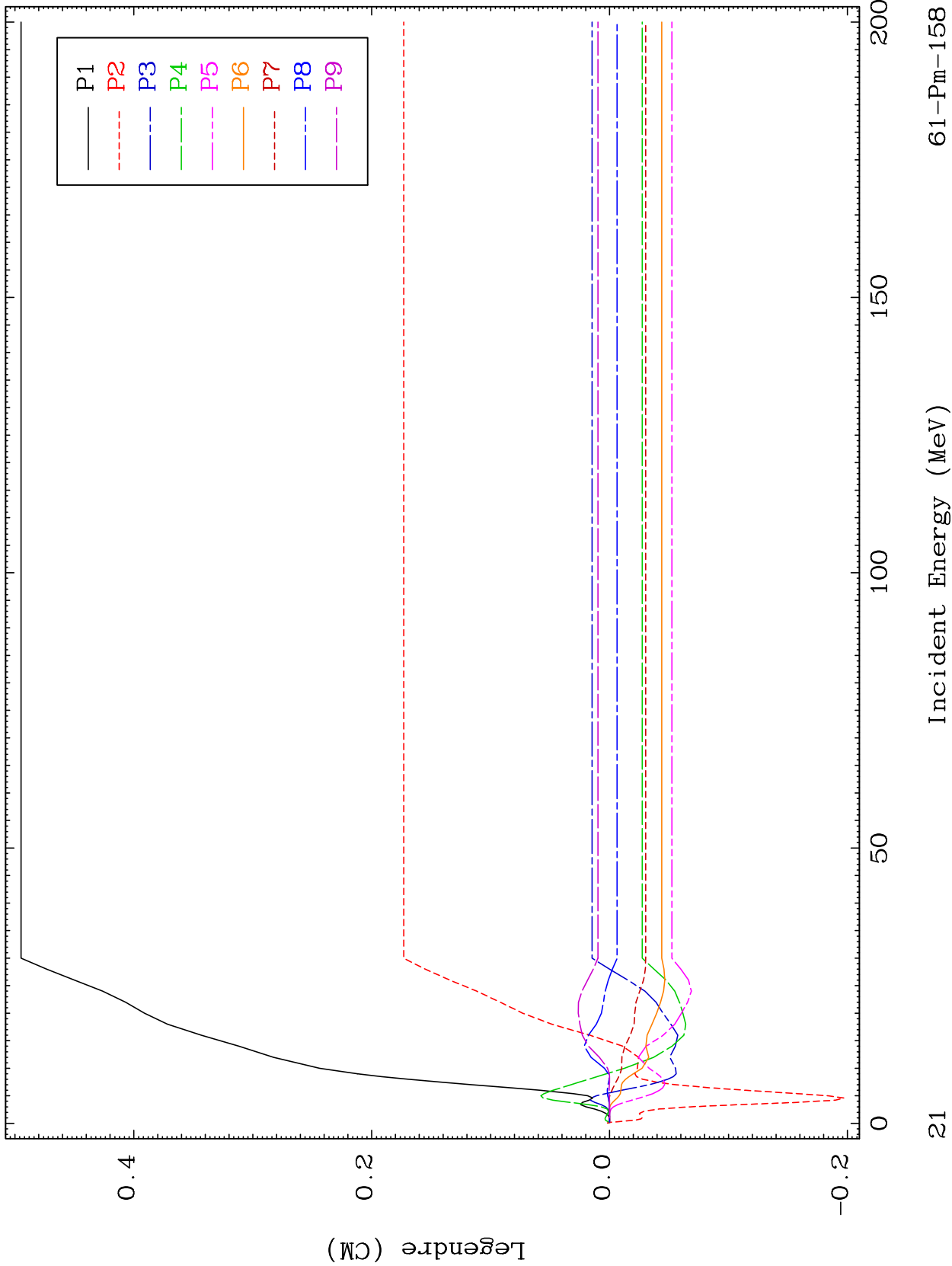
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



61-Pm-158

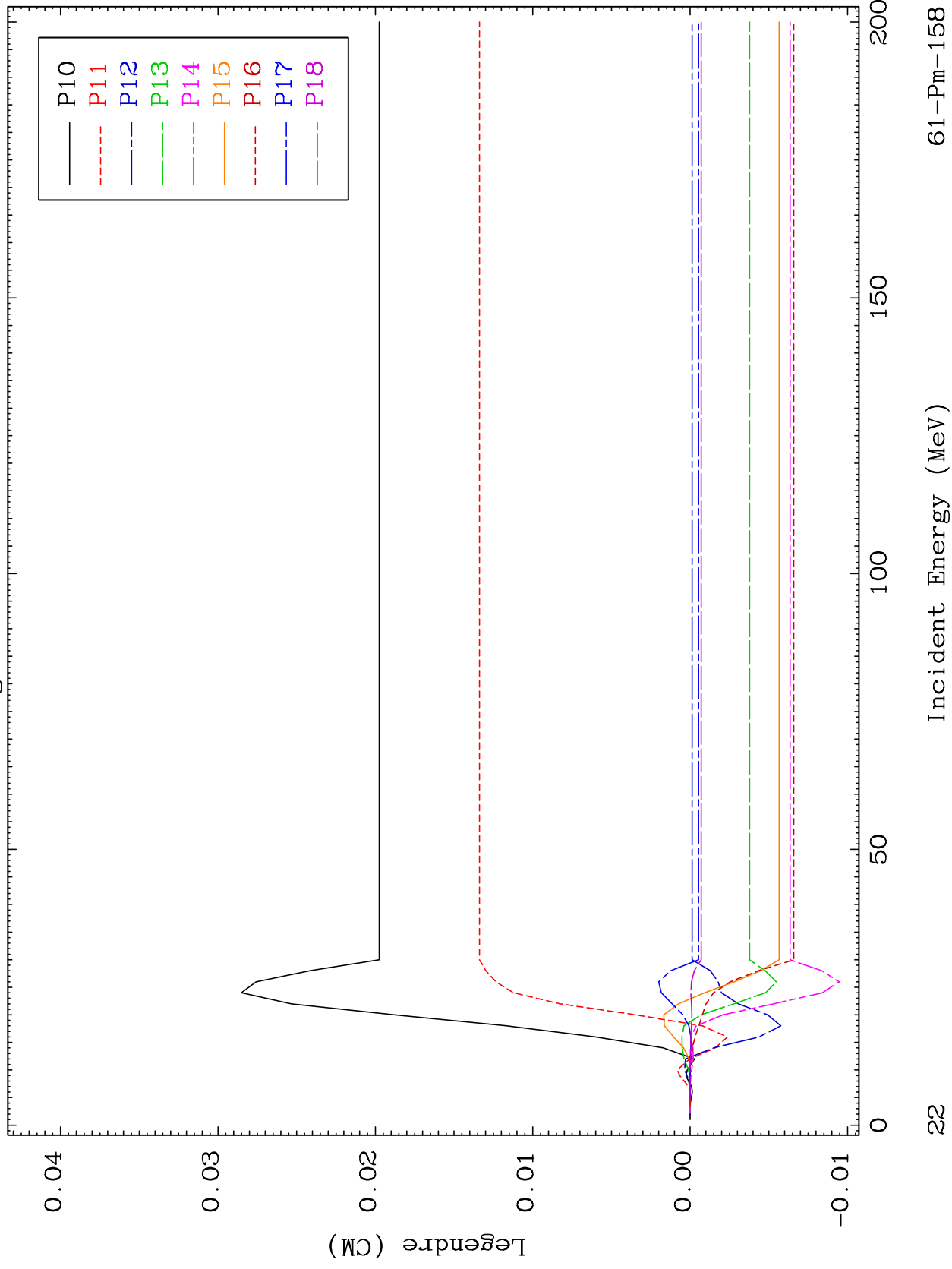
Incident Energy (MeV)

21

MAT 6182

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

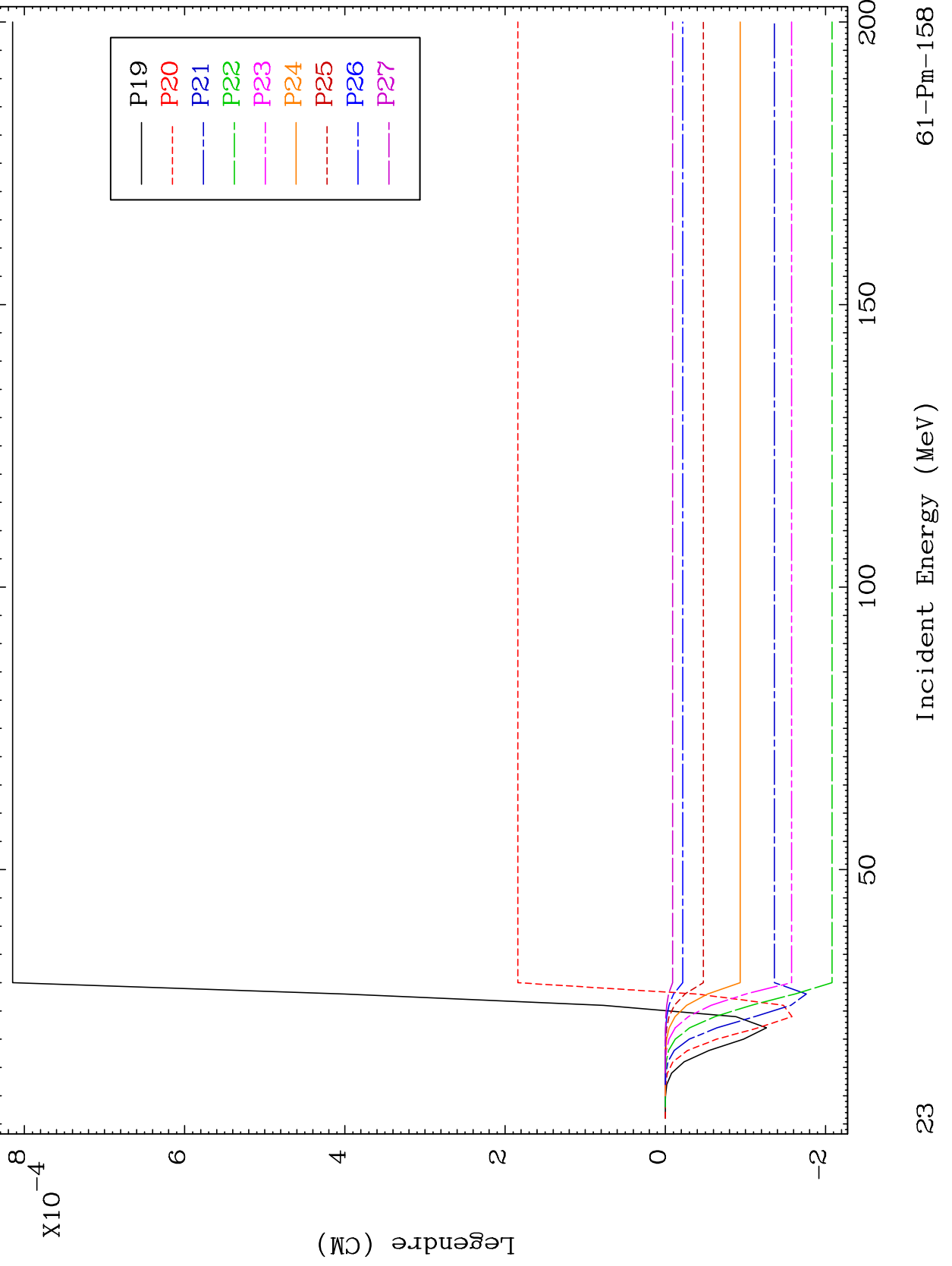
61-Pm-158



61-Pm-158

Incident Energy (MeV)

22

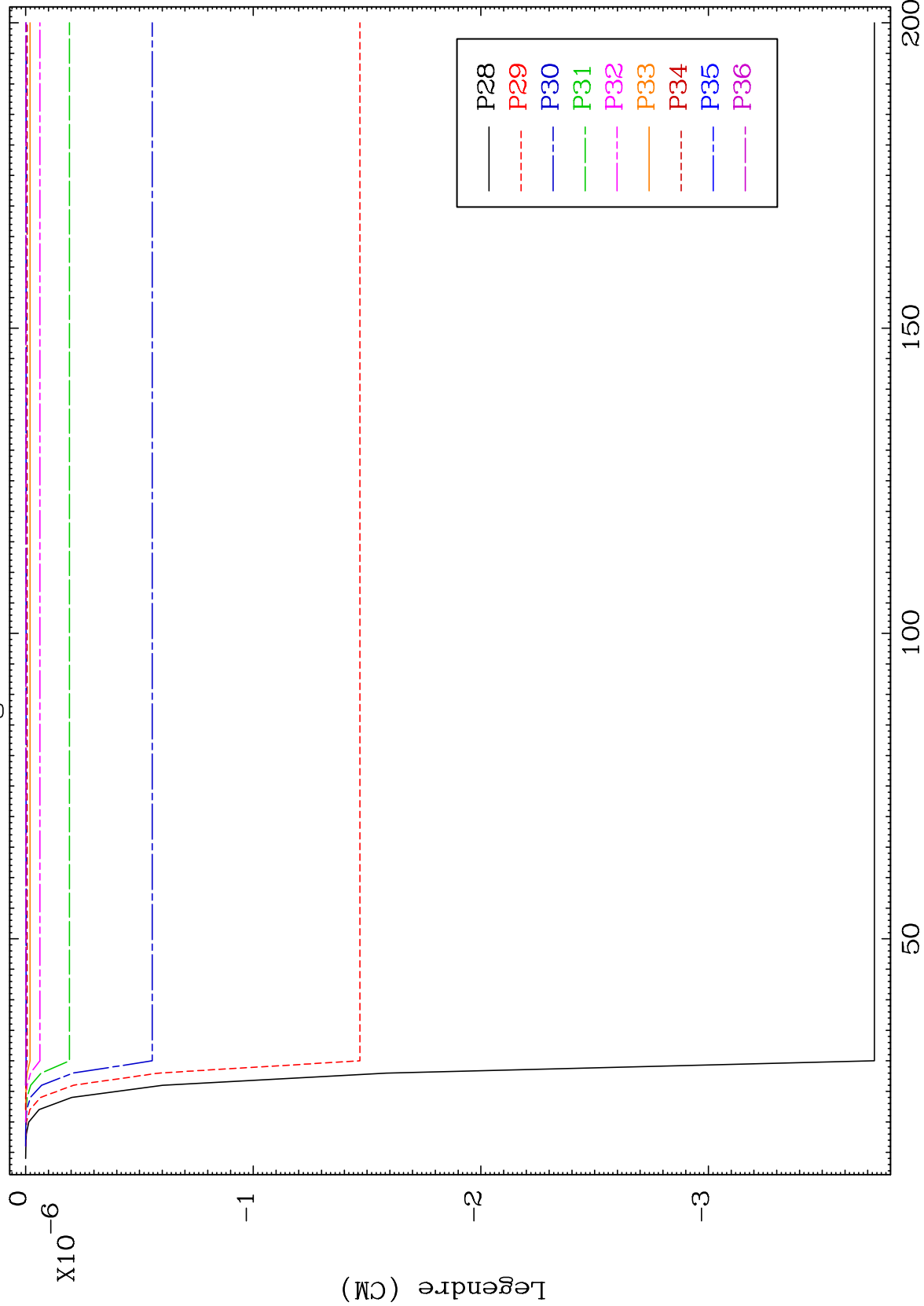


MAT 6182

MT= 51 (n,n') Level

61-Pm-158

Legendre Coefficients



61-Pm-158

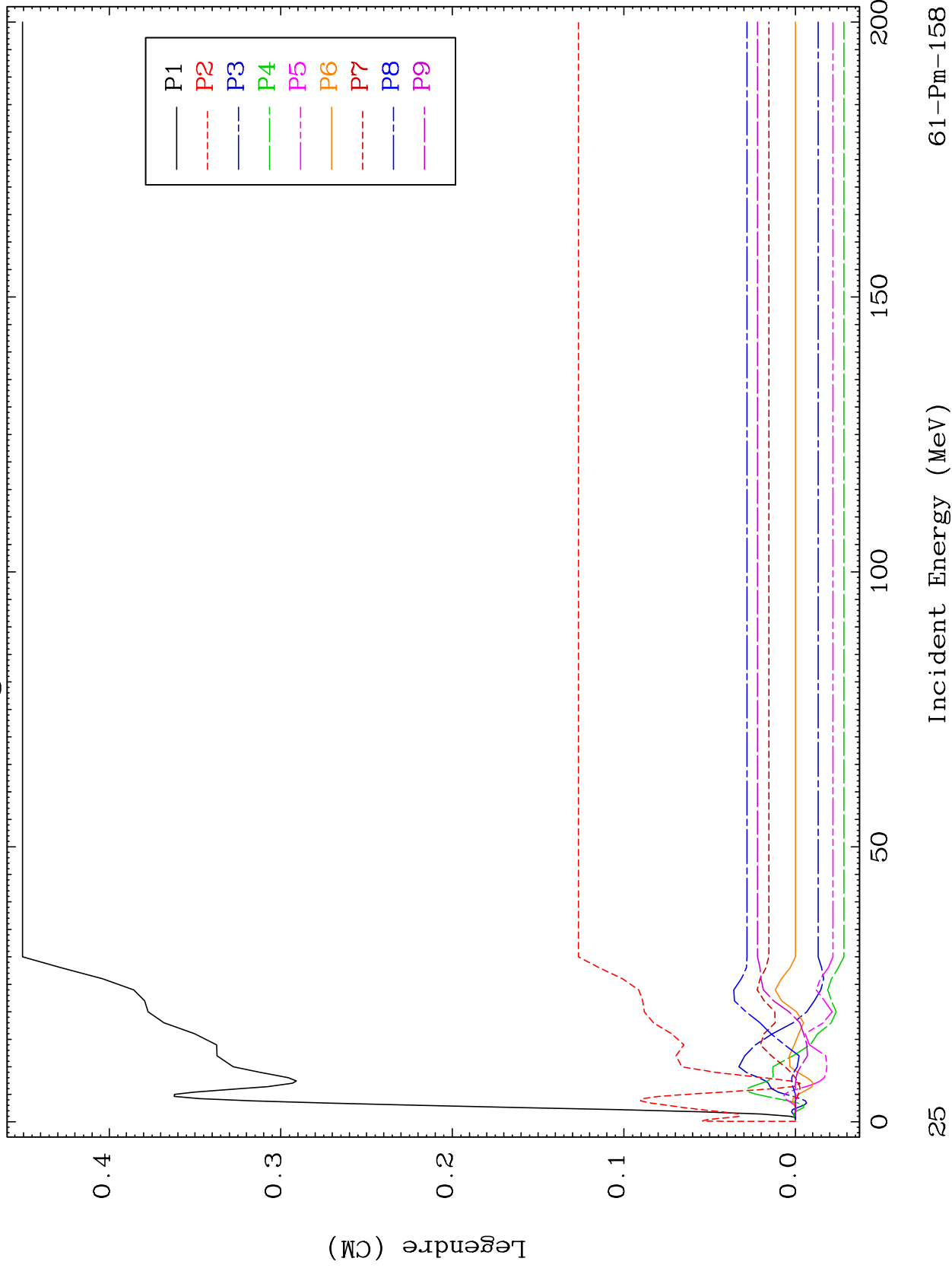
Incident Energy (MeV)

24

MAT 6182

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

61-Pm-158



61-Pm-158

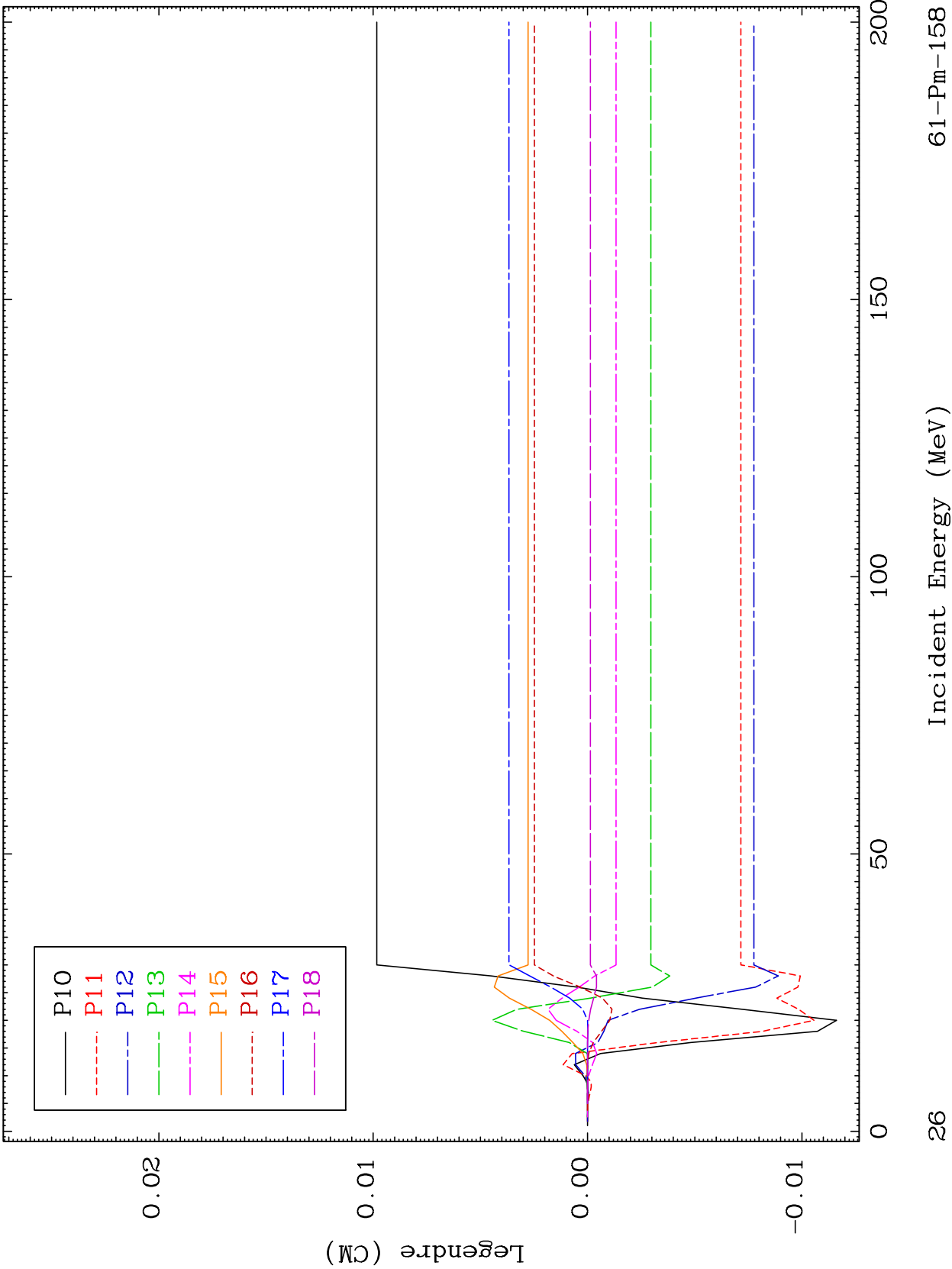
Incident Energy (MeV)

25

MAT 6182

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

61-Pm-158



26

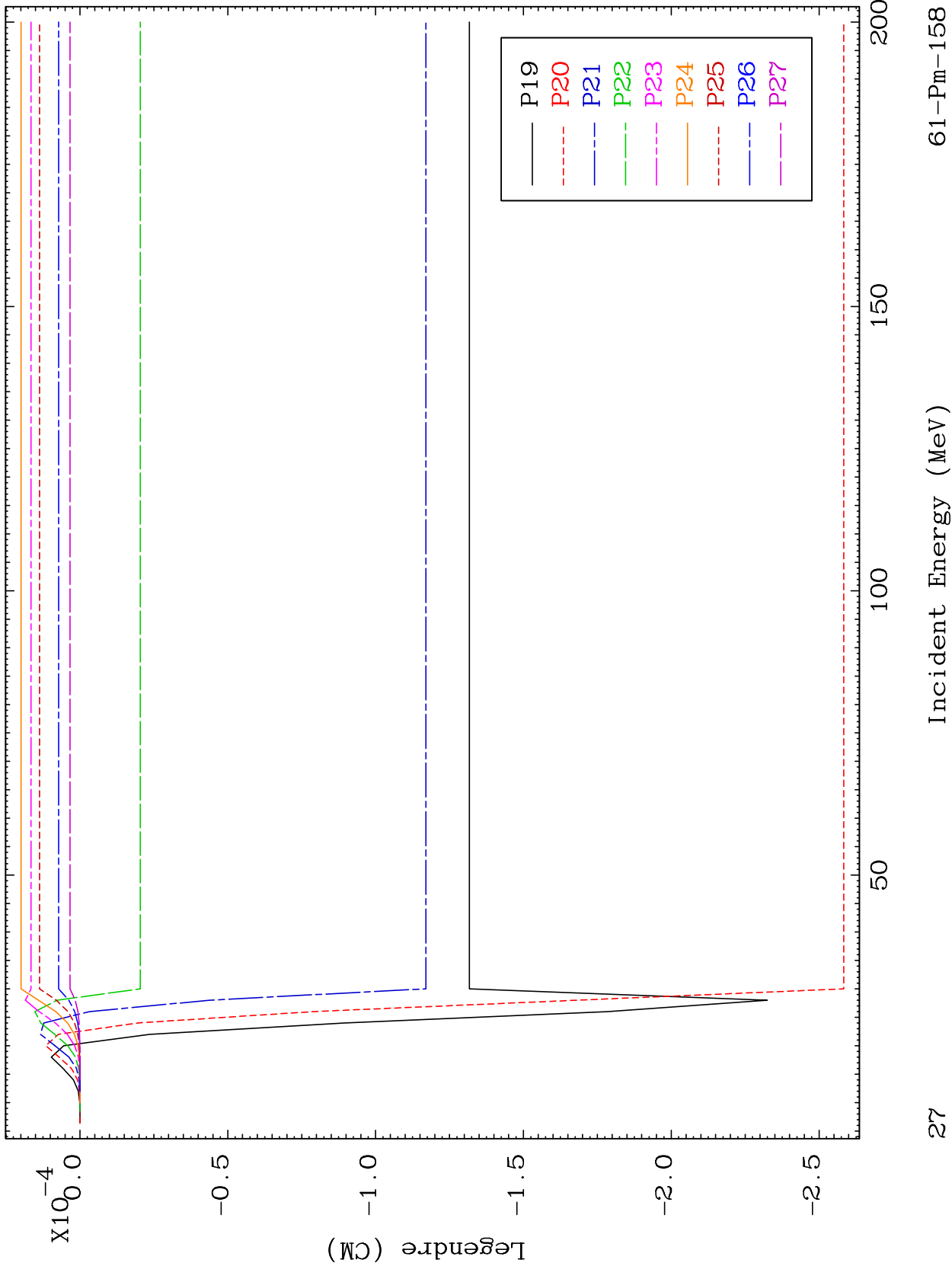
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

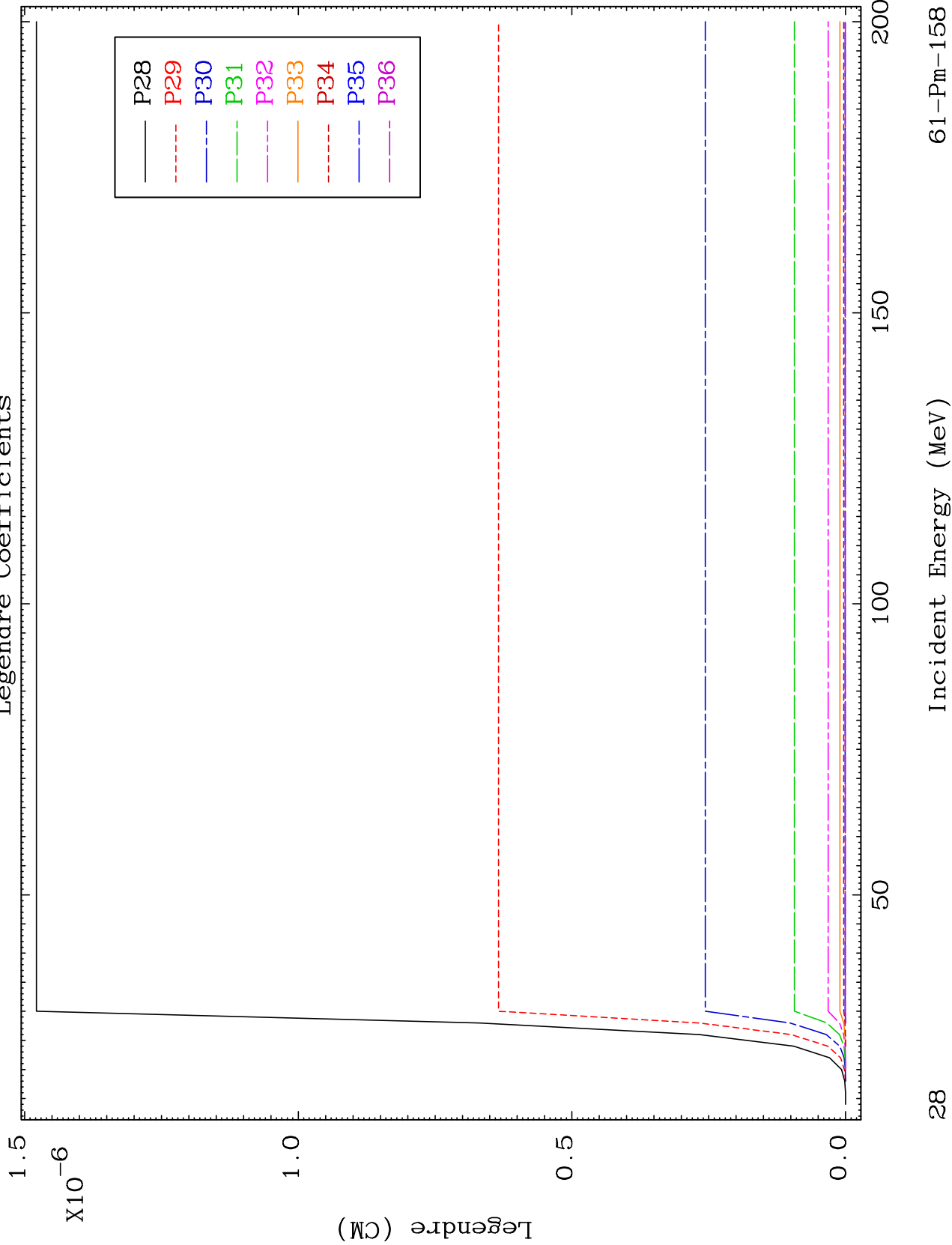
61-Pm-158



MAT 6182

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

61-Pm-158



28

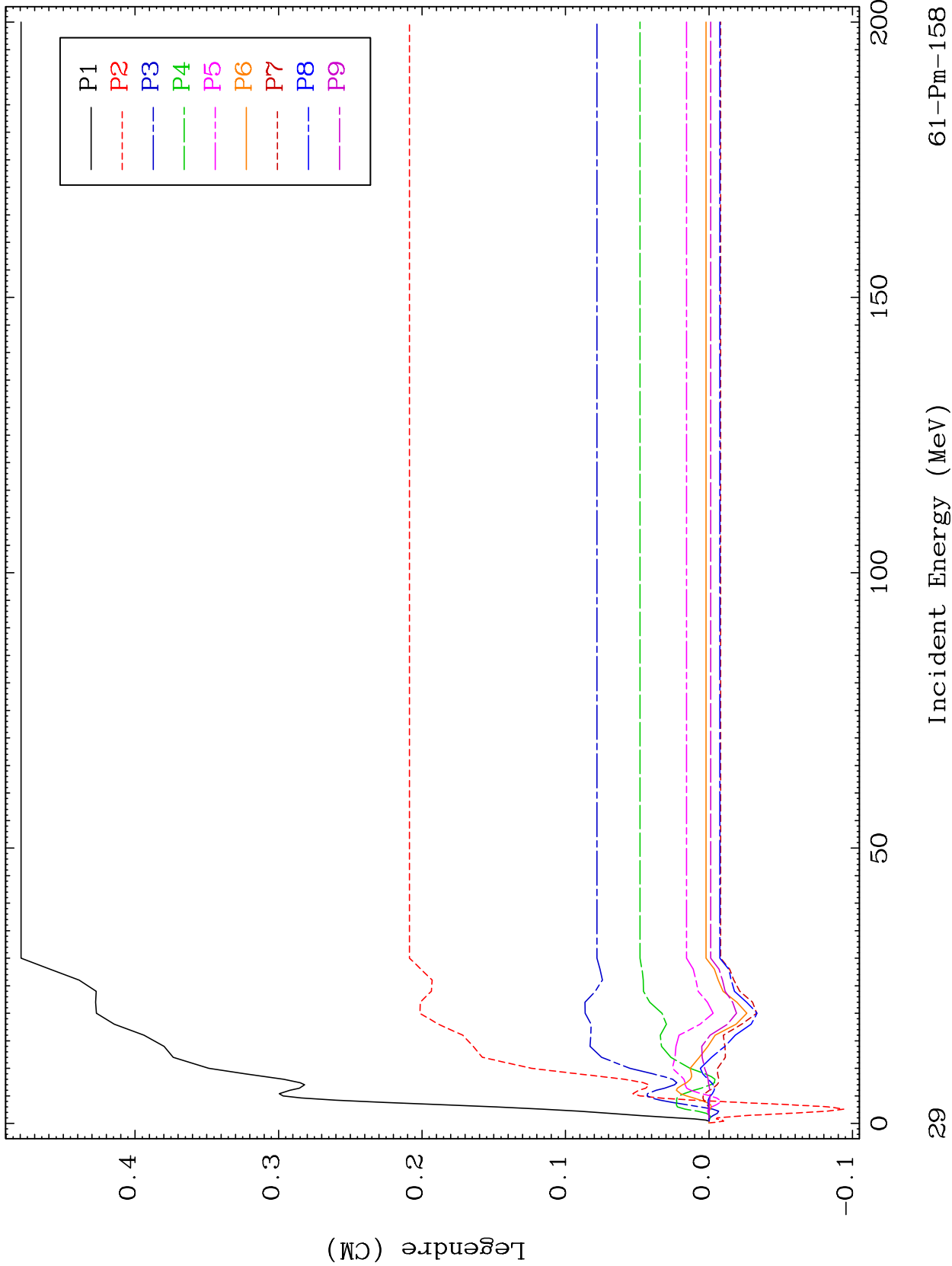
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



61-Pm-158

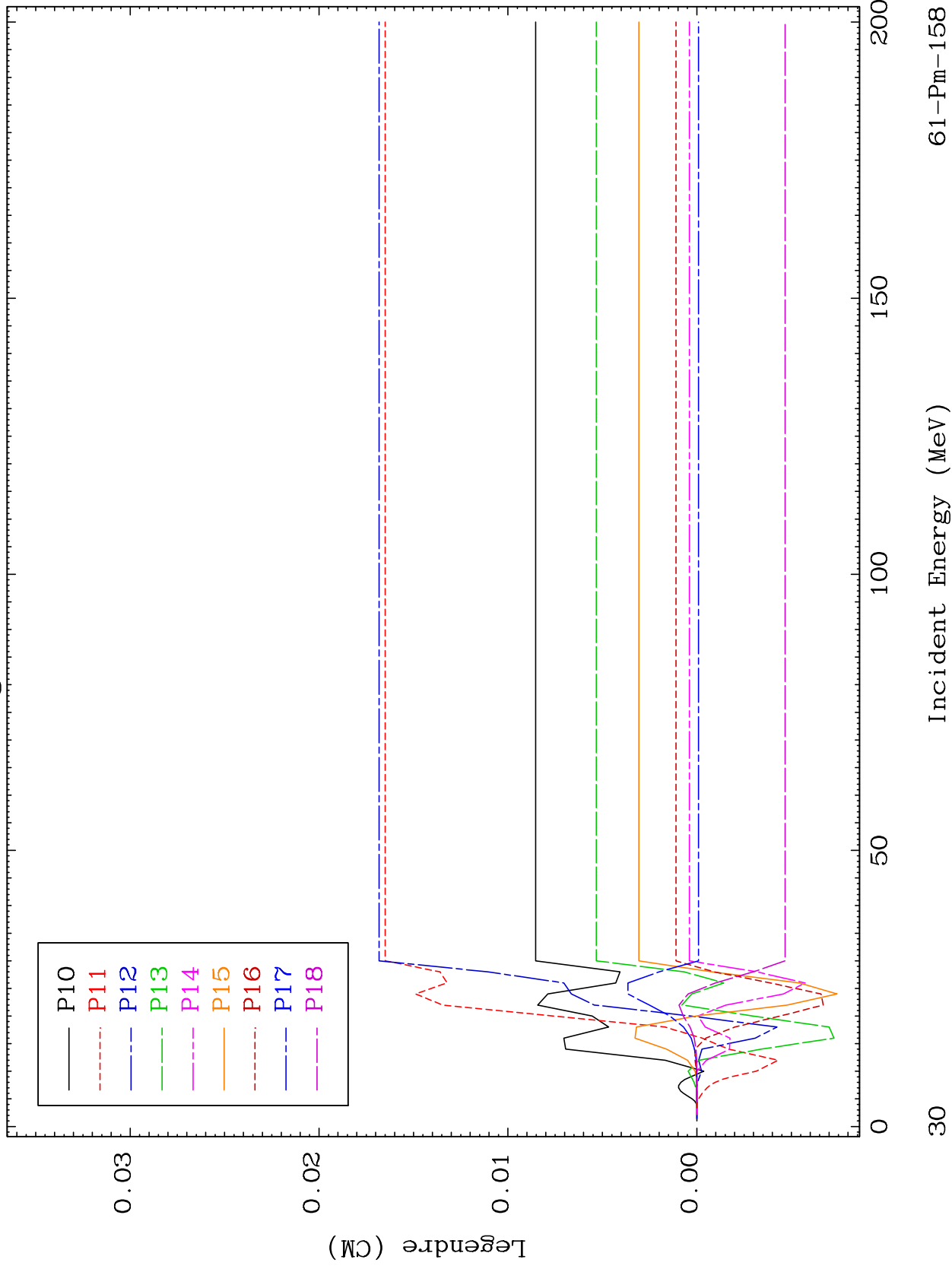
Incident Energy (MeV)

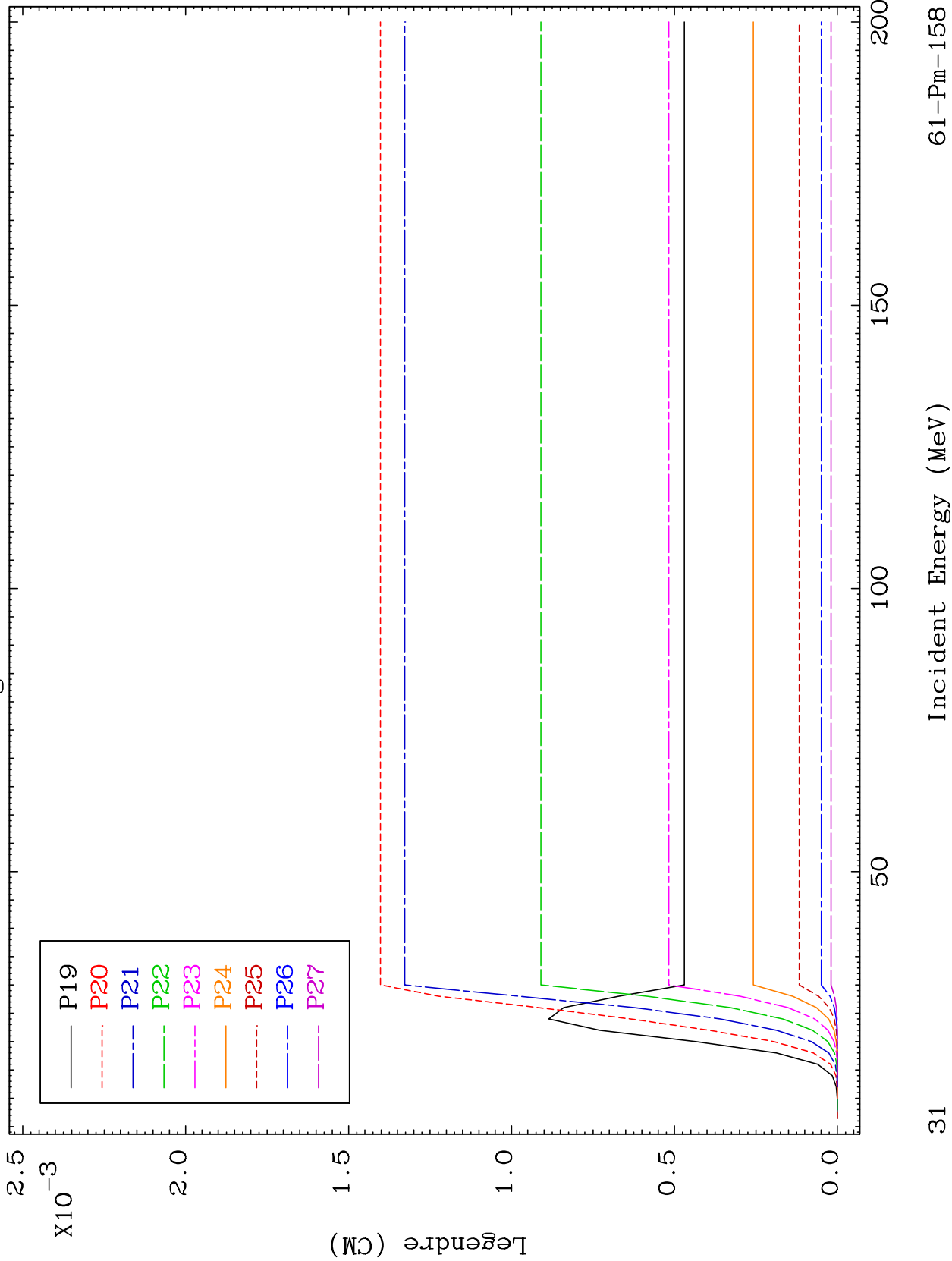
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MAT 6182

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

61-Pm-158

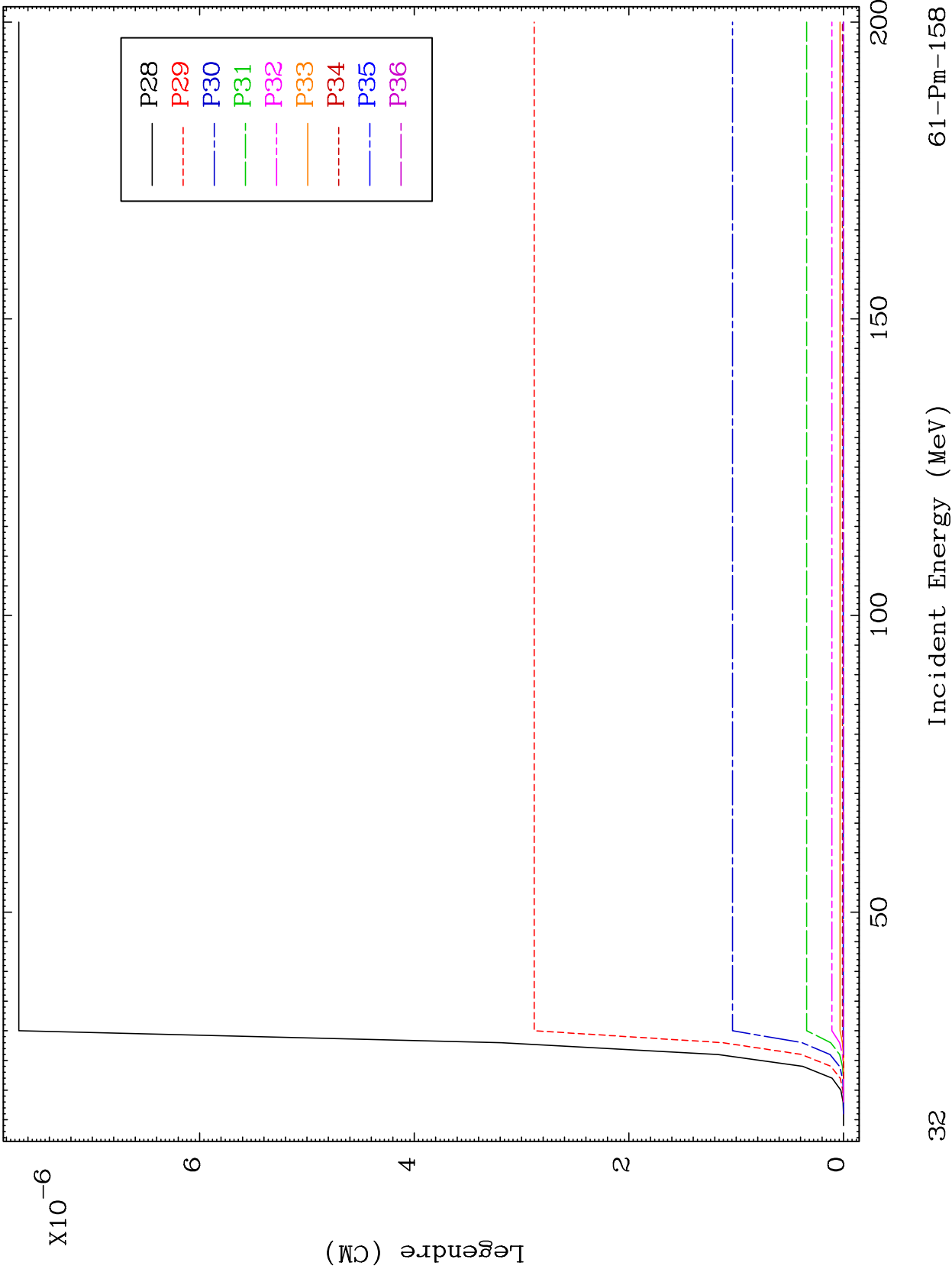




MAT 6182

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

61-Pm-158



32

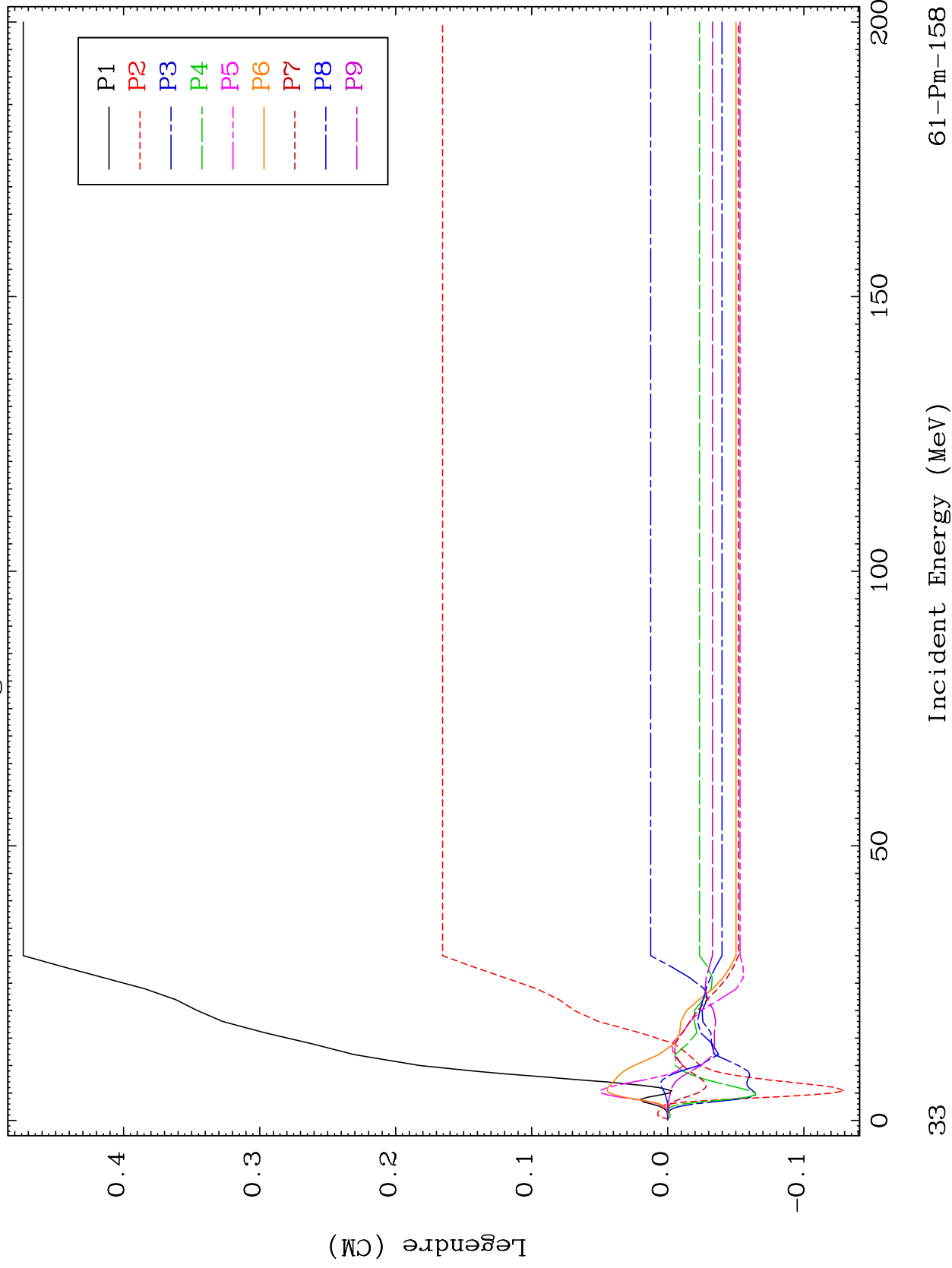
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



61-Pm-158

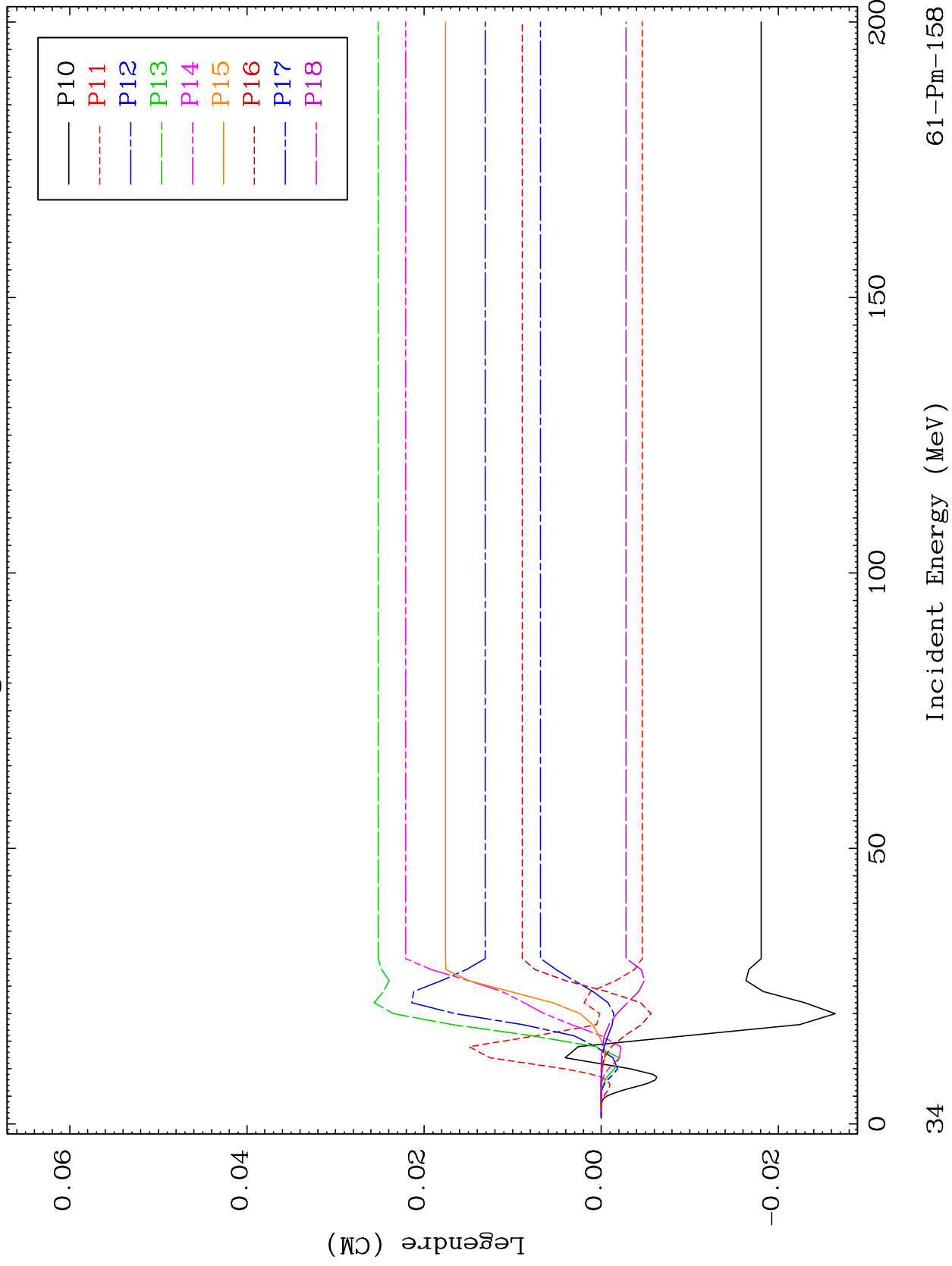
Incident Energy (MeV)

33

MAT 6182

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

61-Pm-158



34

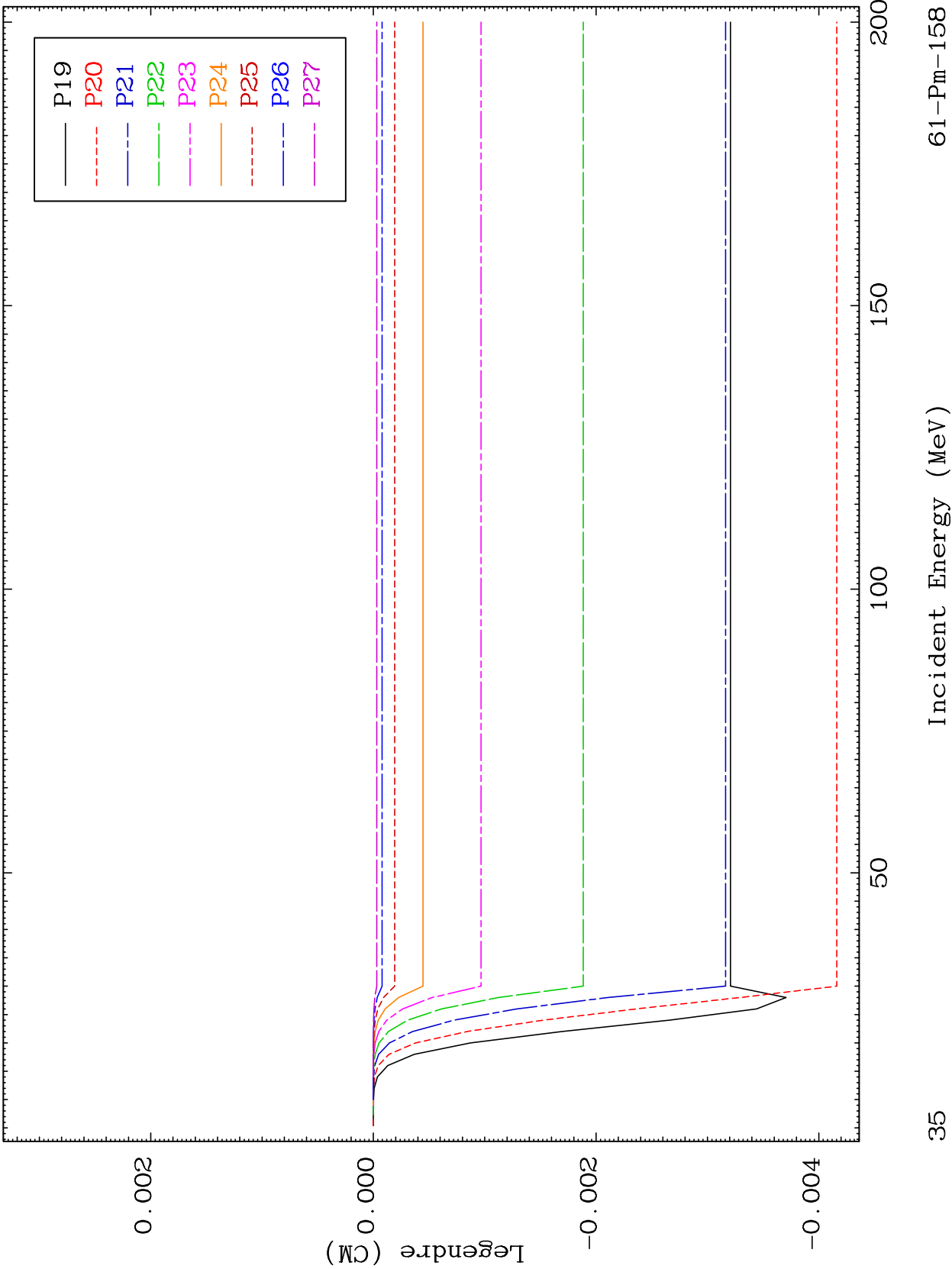
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



35

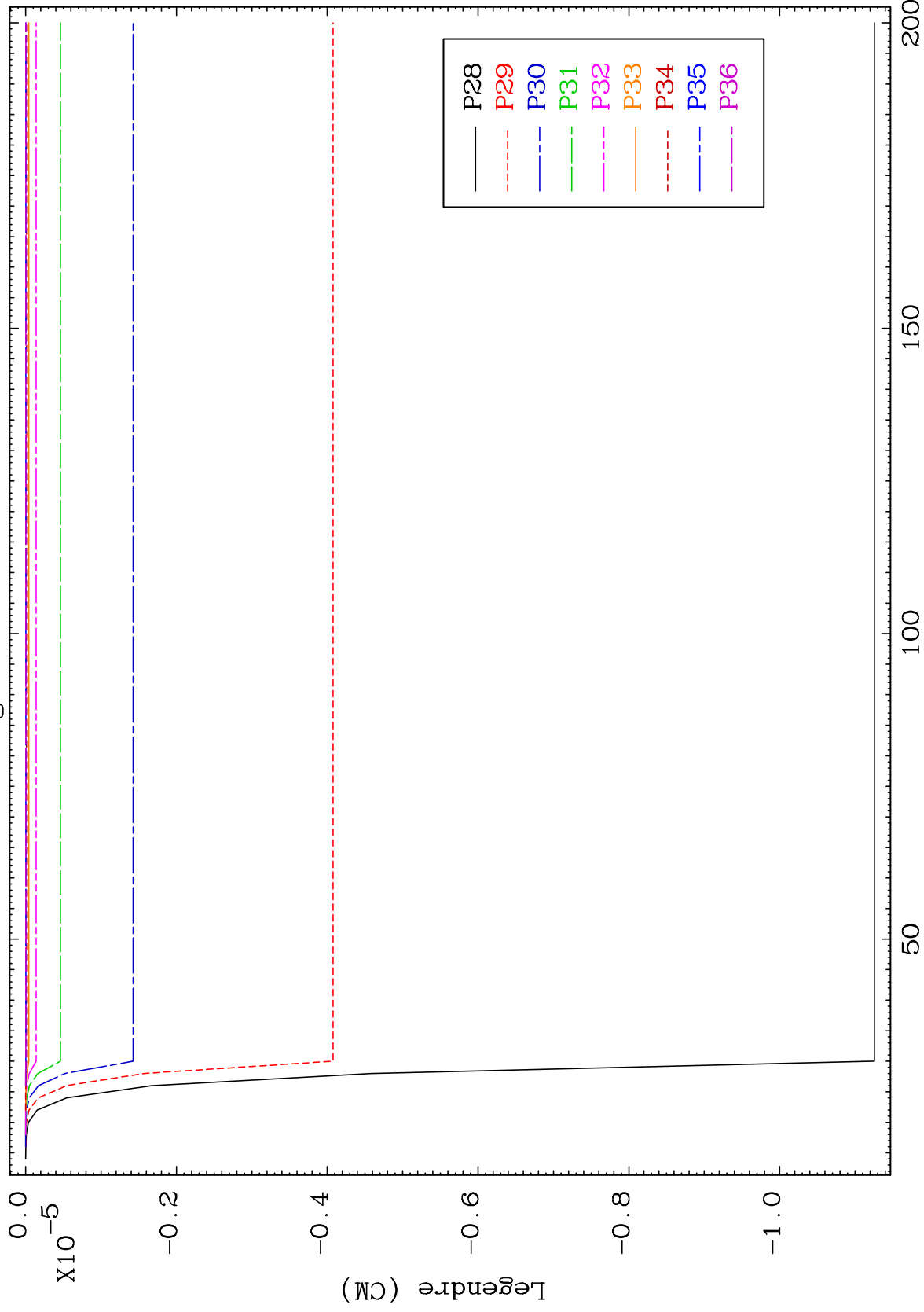
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



36

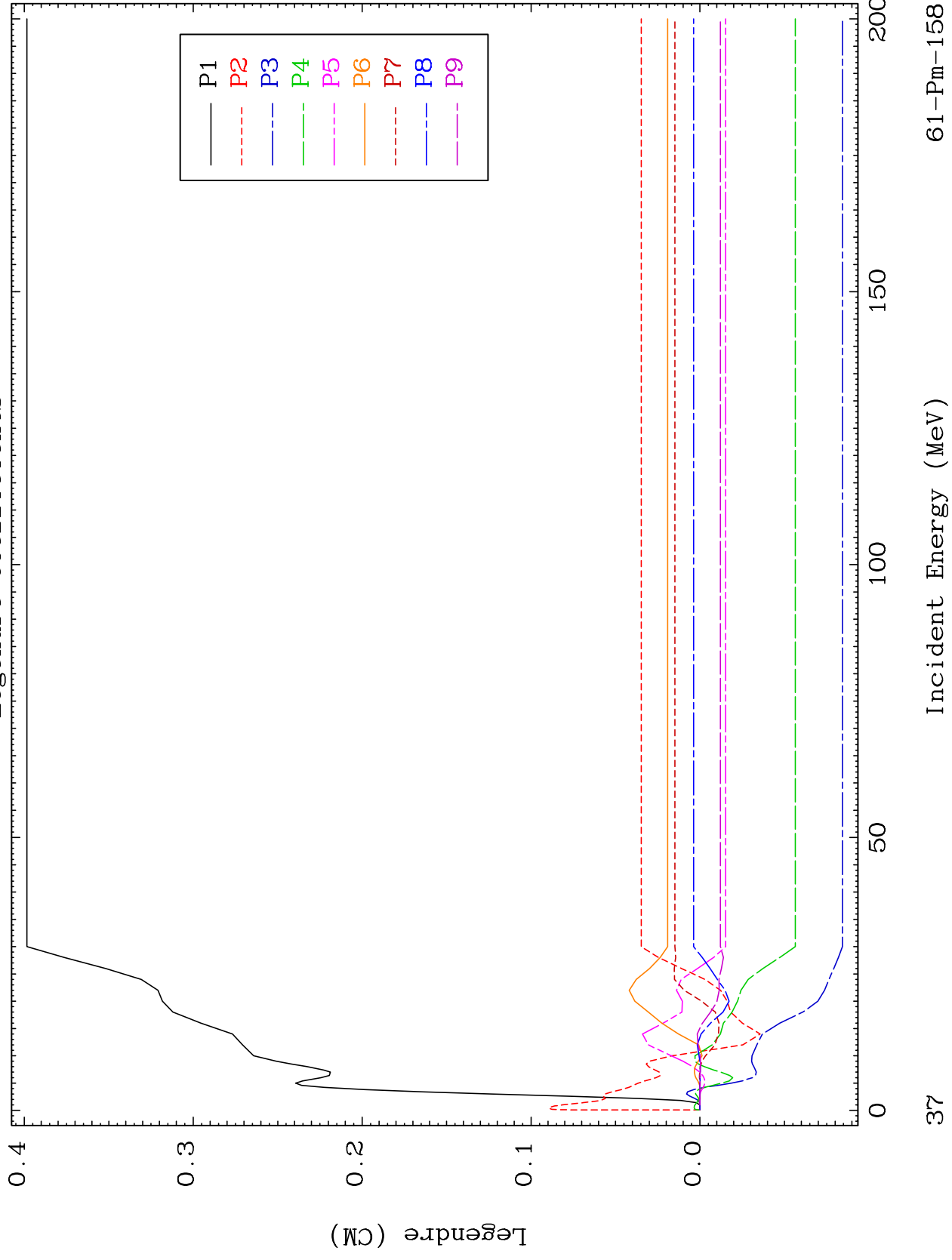
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



61-Pm-158

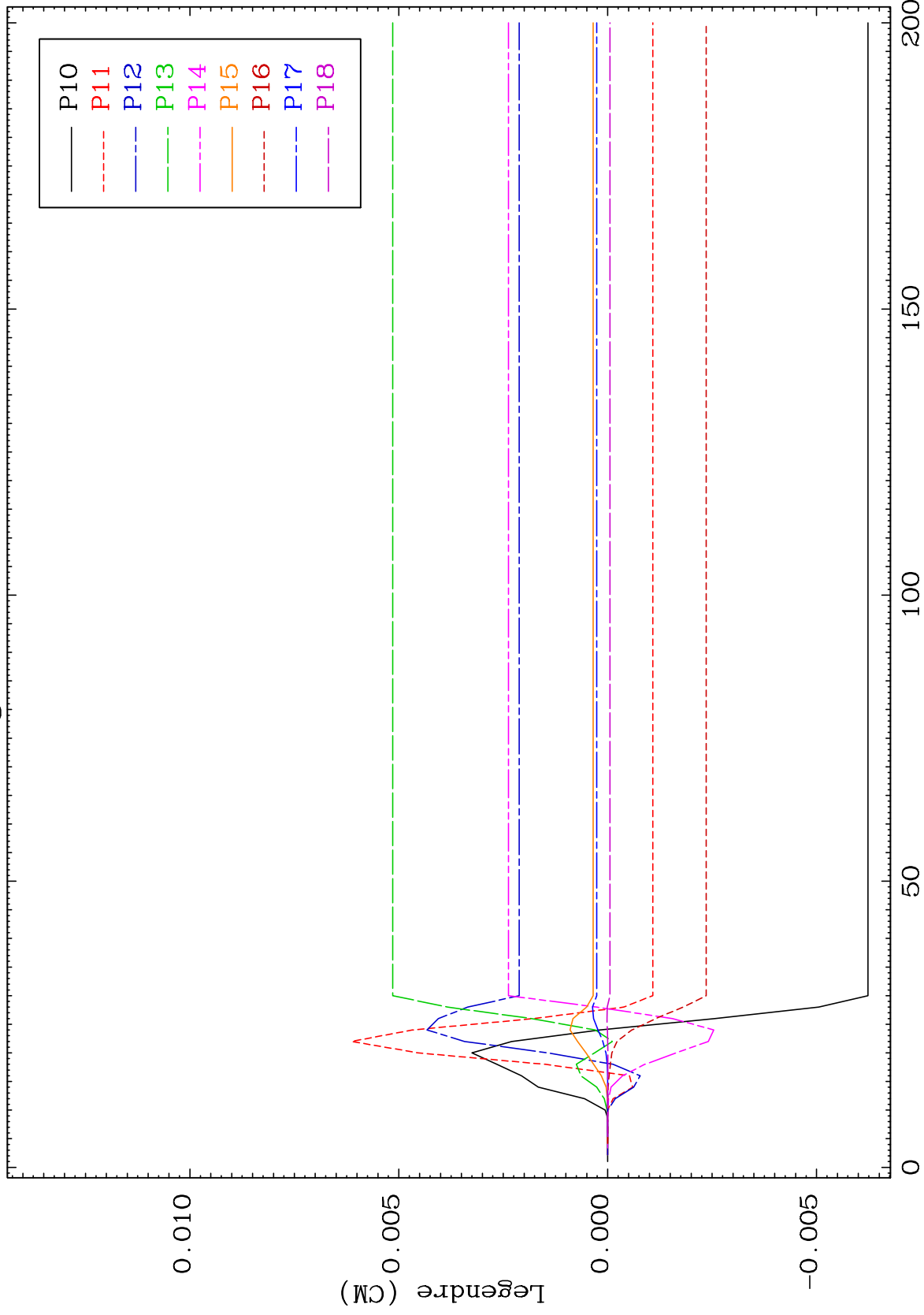
Incident Energy (MeV)

37

MAT 6182

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

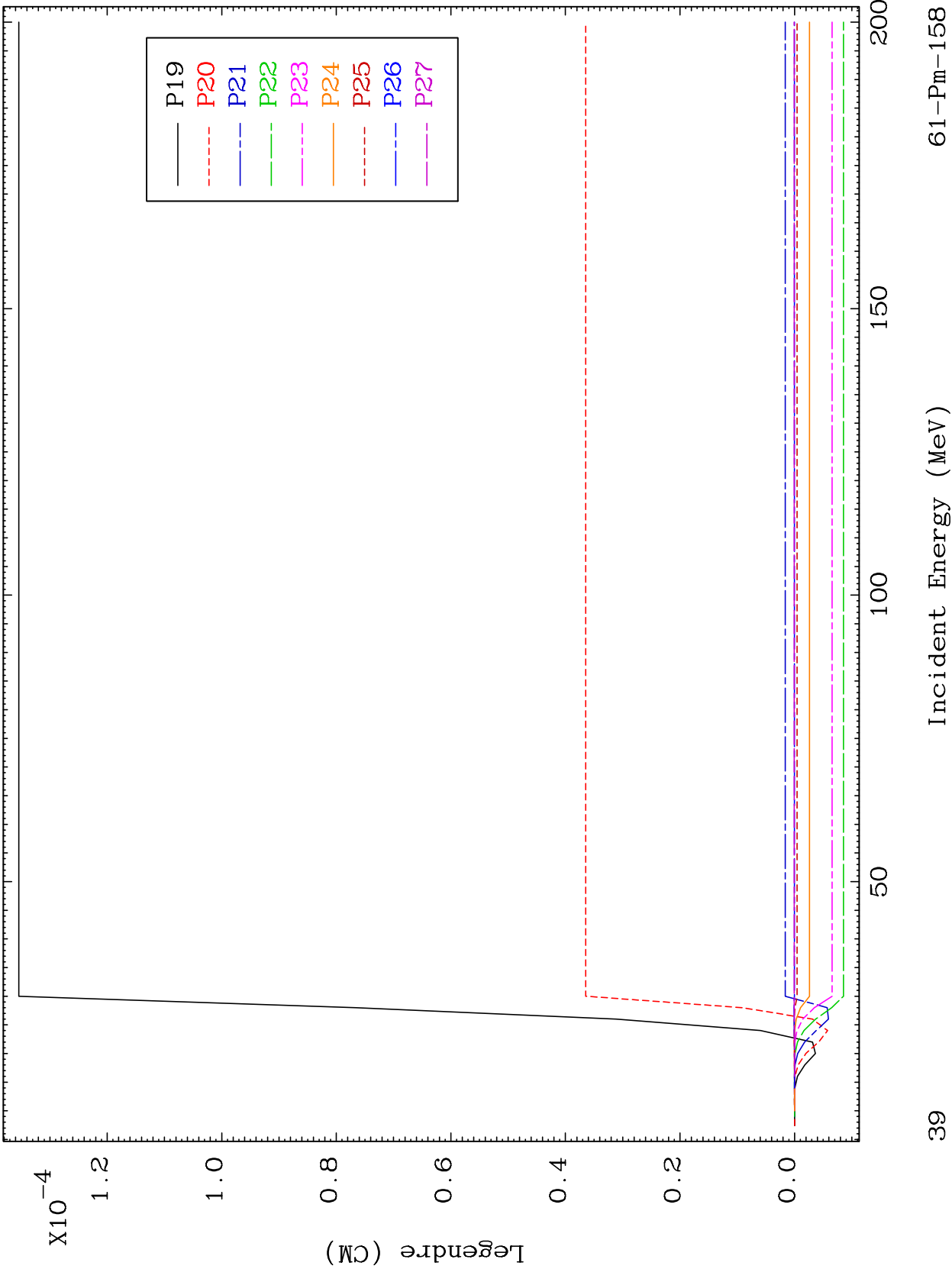
61-Pm-158



38

Incident Energy (MeV)

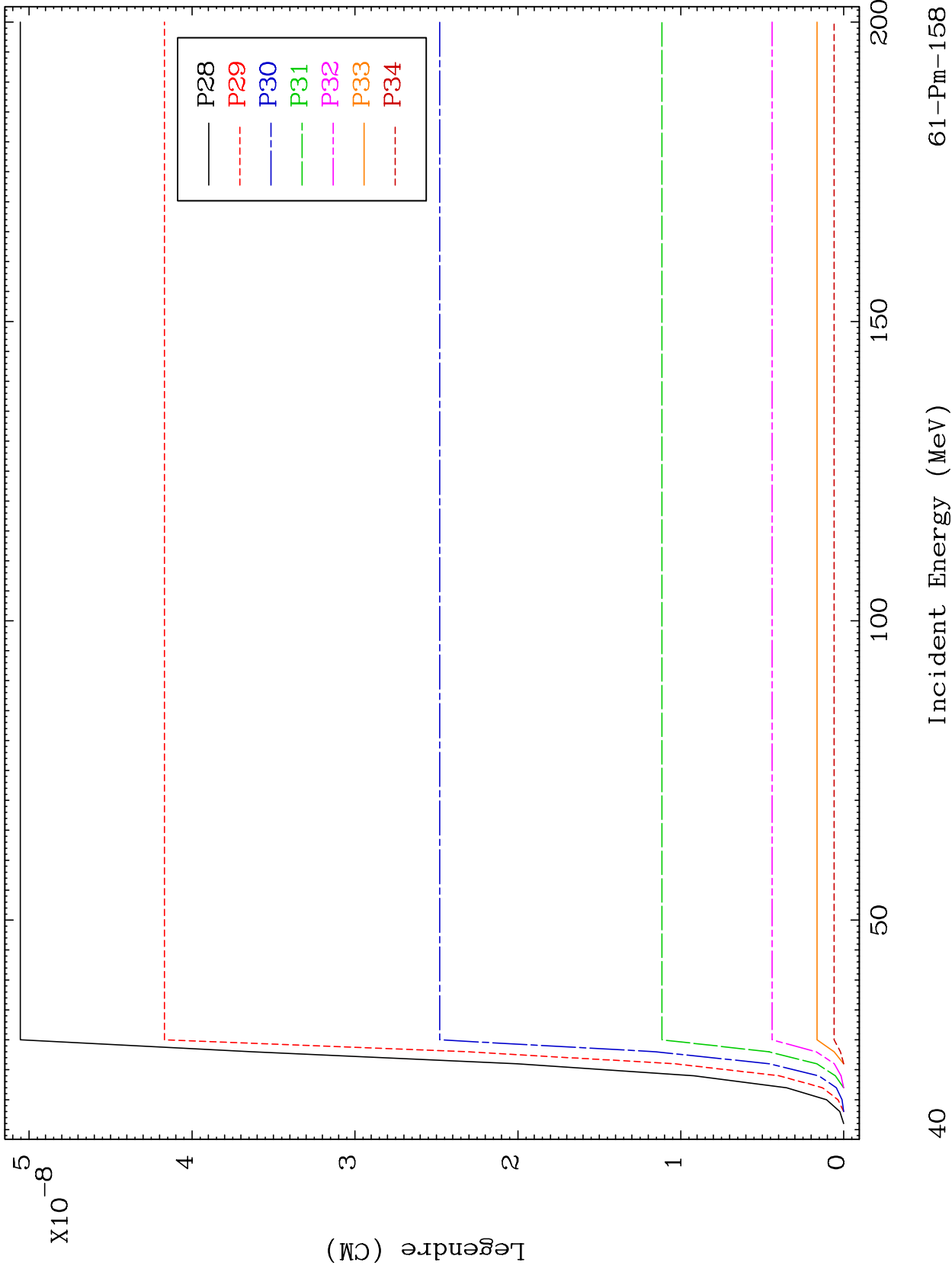
61-Pm-158



MAT 6182

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

61-Pm-158

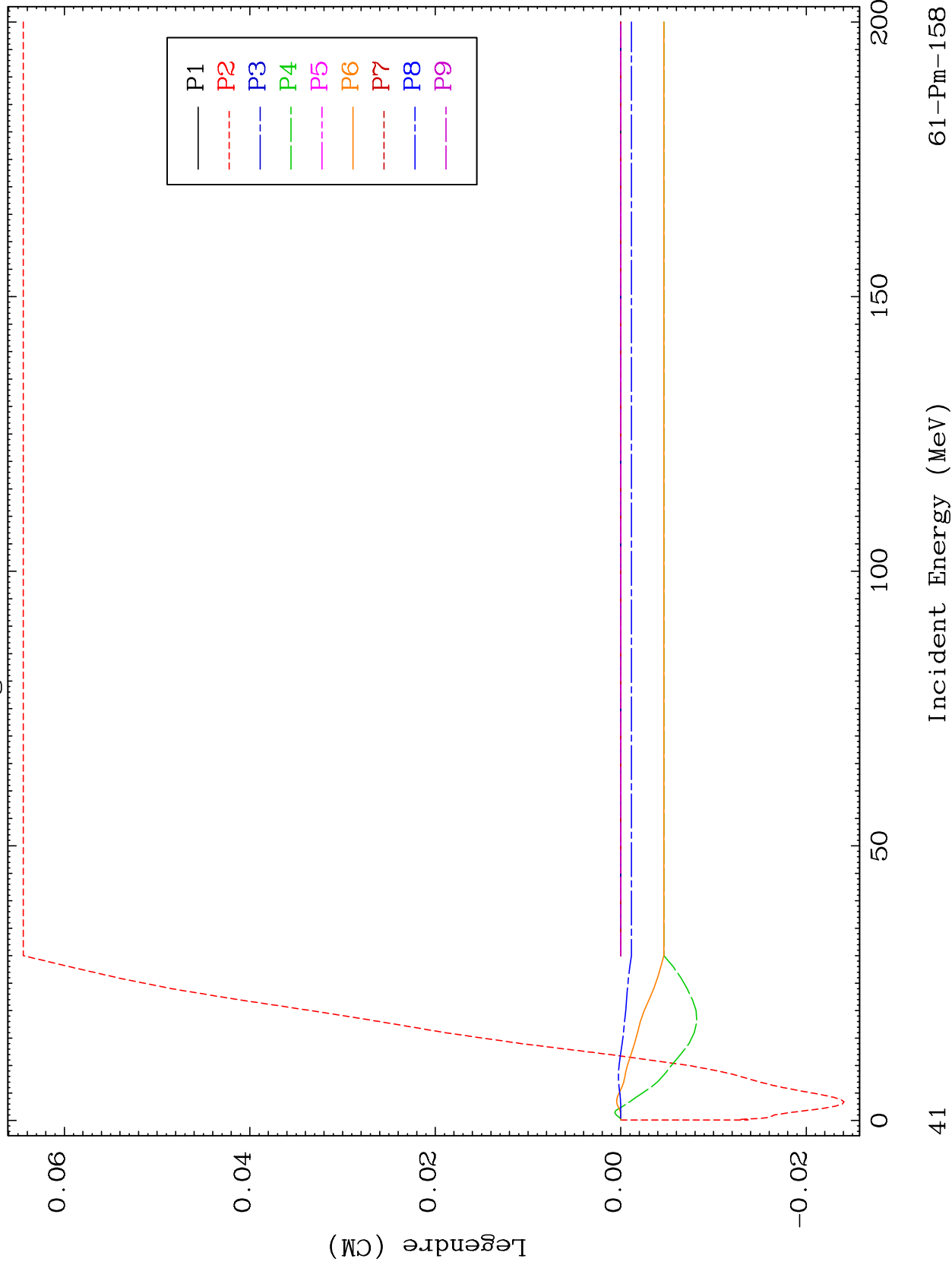


61-Pm-158

MAT 6182

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

61-Pm-158



61-Pm-158

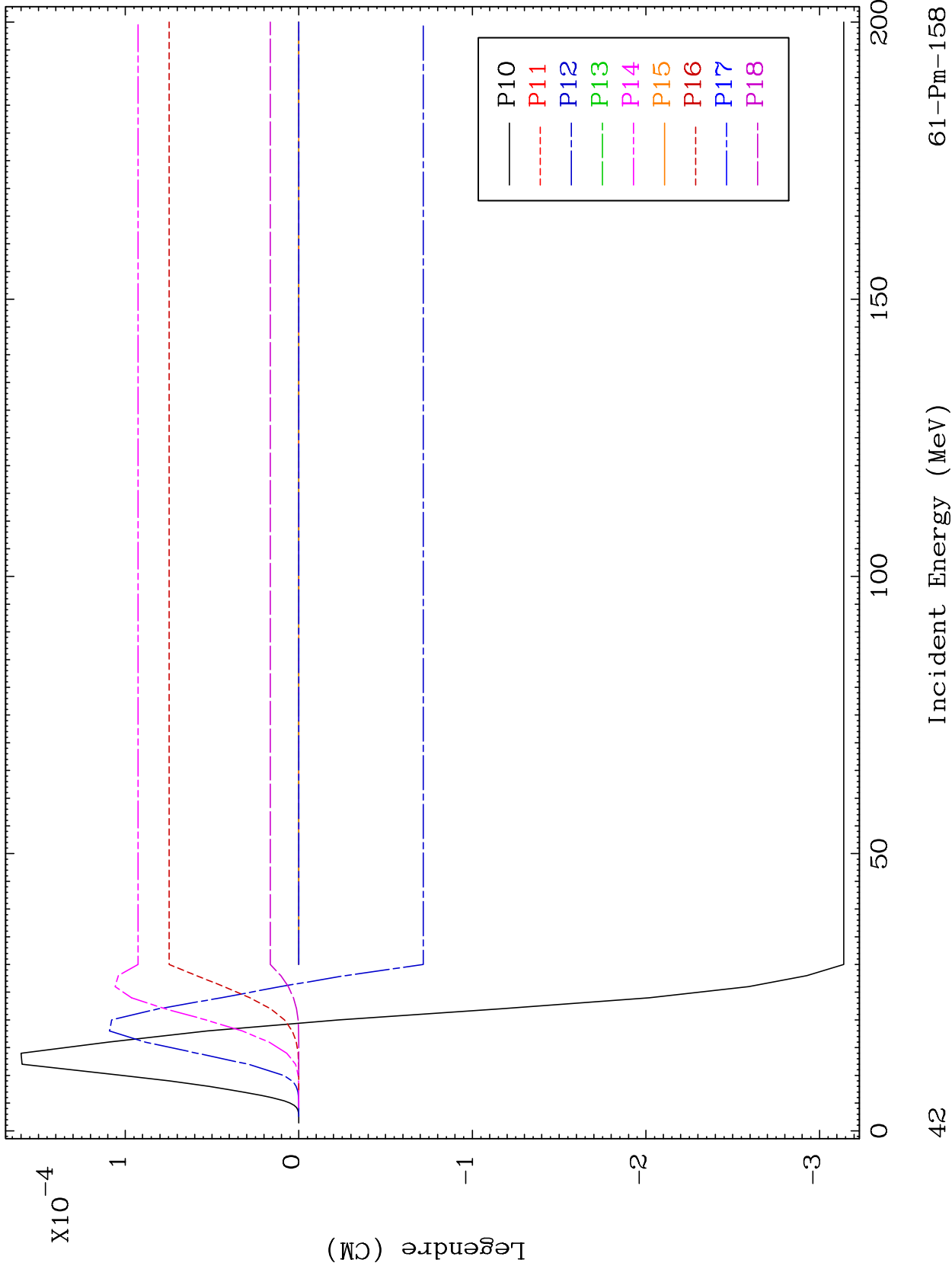
Incident Energy (MeV)

41

MAT 6182

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

61-Pm-158



61-Pm-158

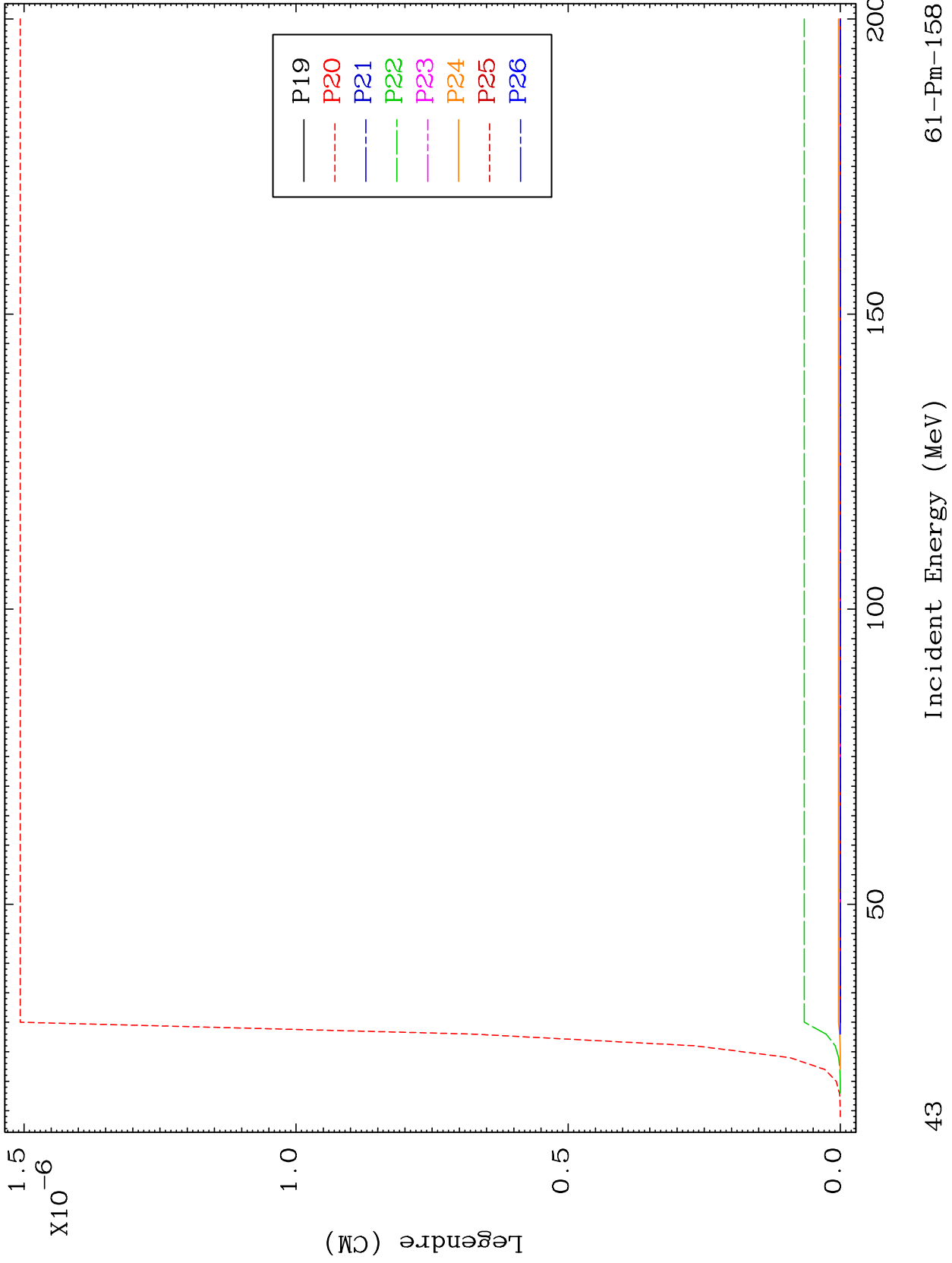
Incident Energy (MeV)

42

MAT 6182

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

61-Pm-158



43

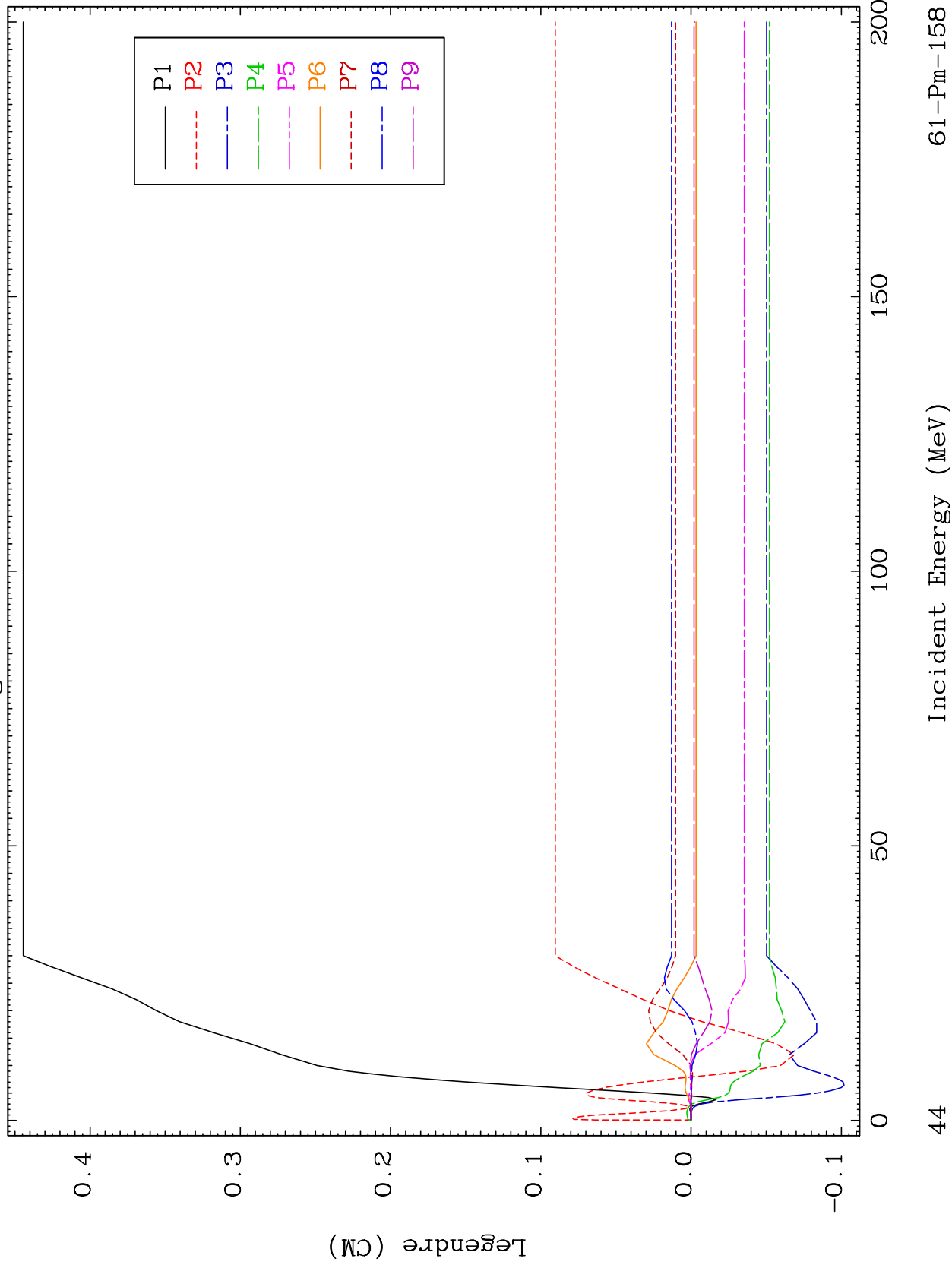
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



61-Pm-158

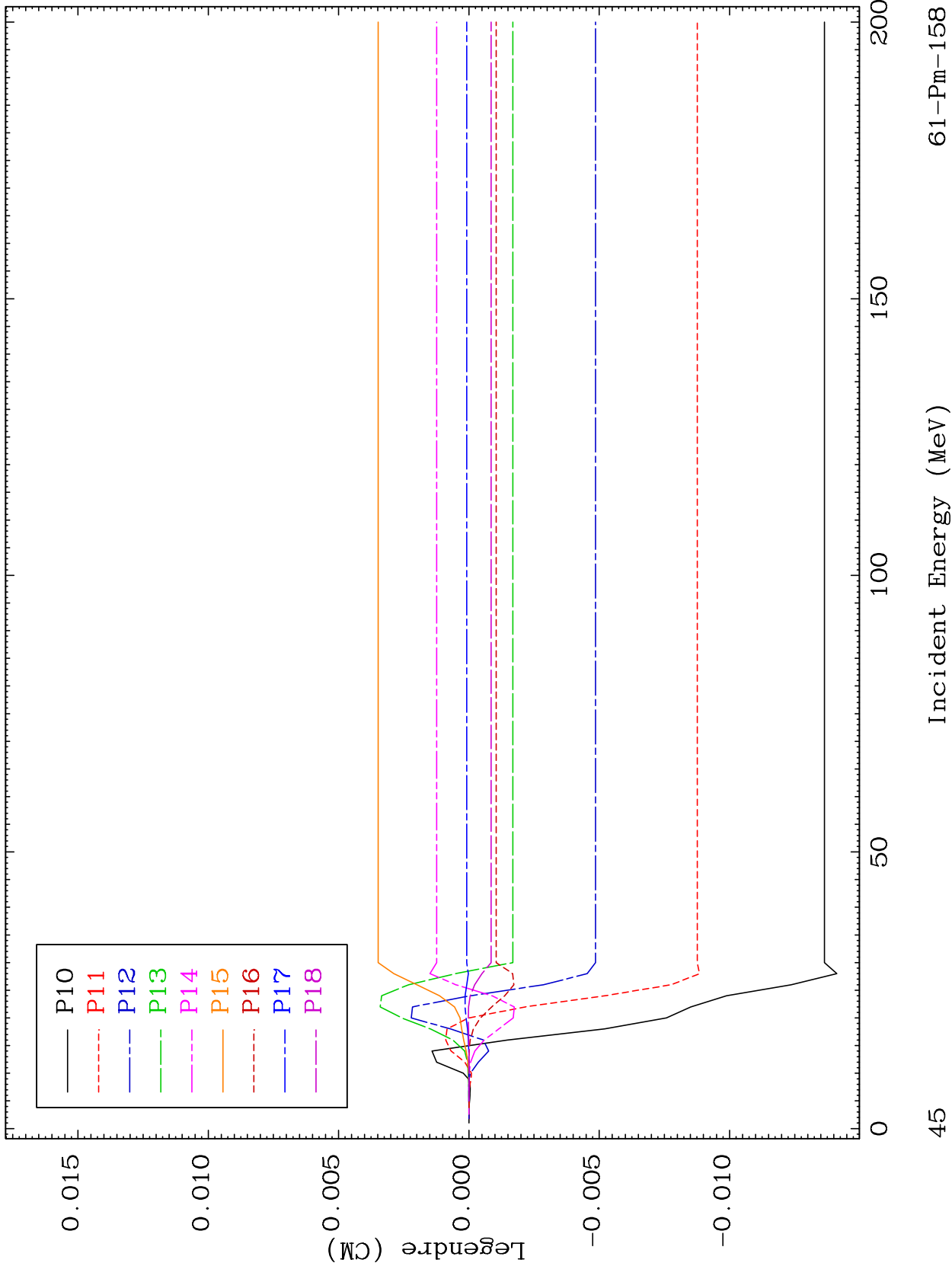
Incident Energy (MeV)

44

MAT 6182

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

61-Pm-158



61-Pm-158

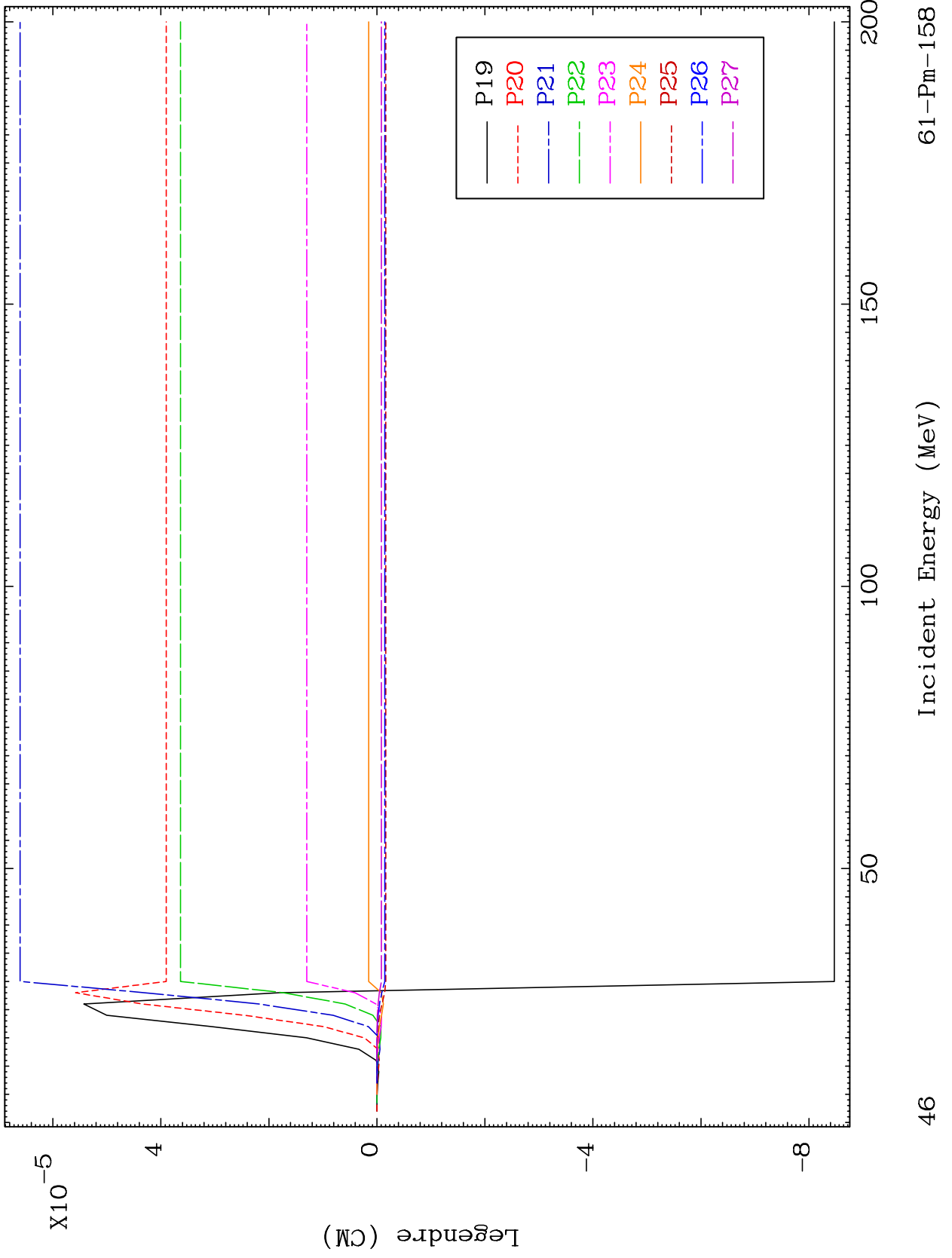
Incident Energy (MeV)

45

MAT 6182

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

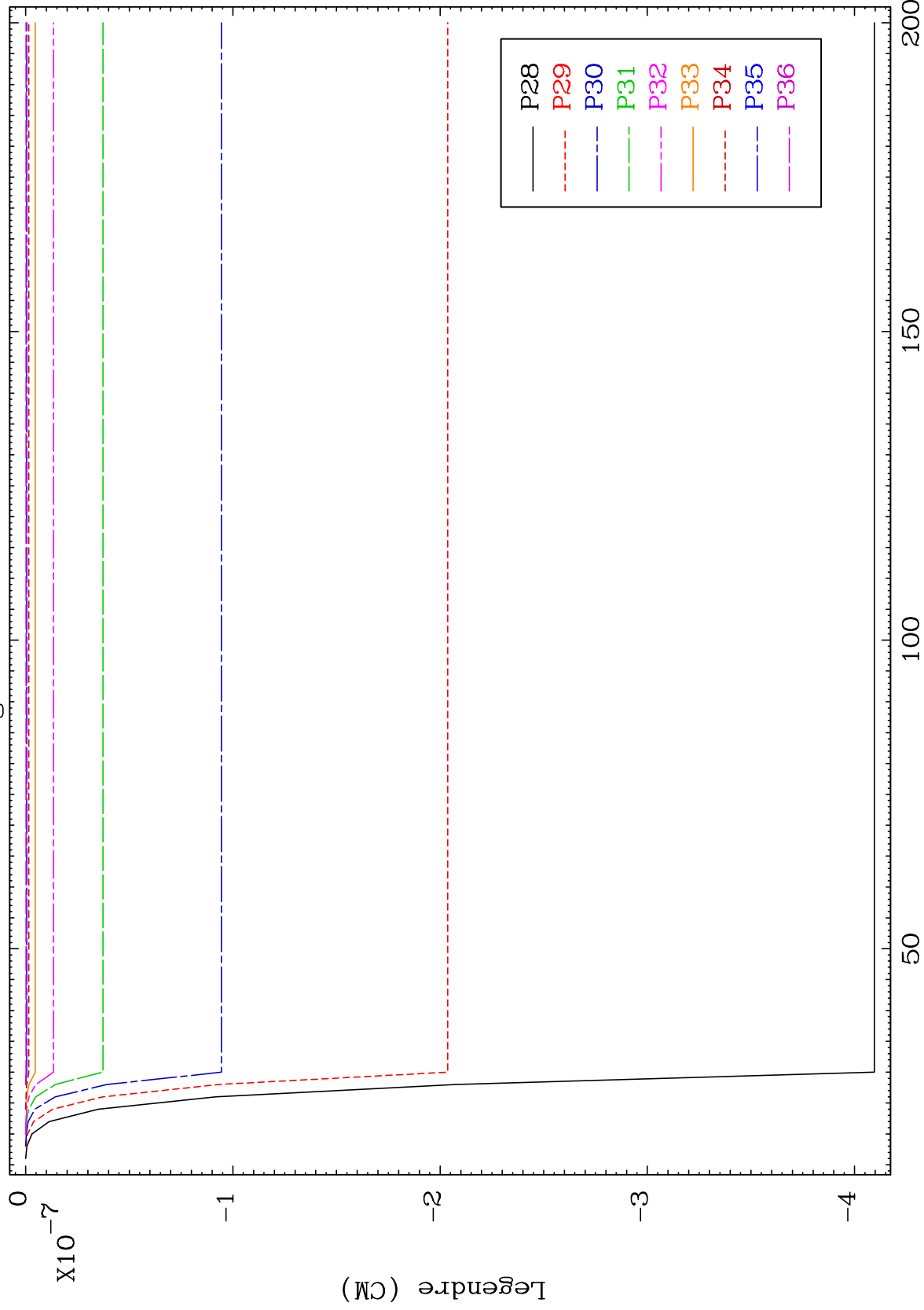
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MAT 6182

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

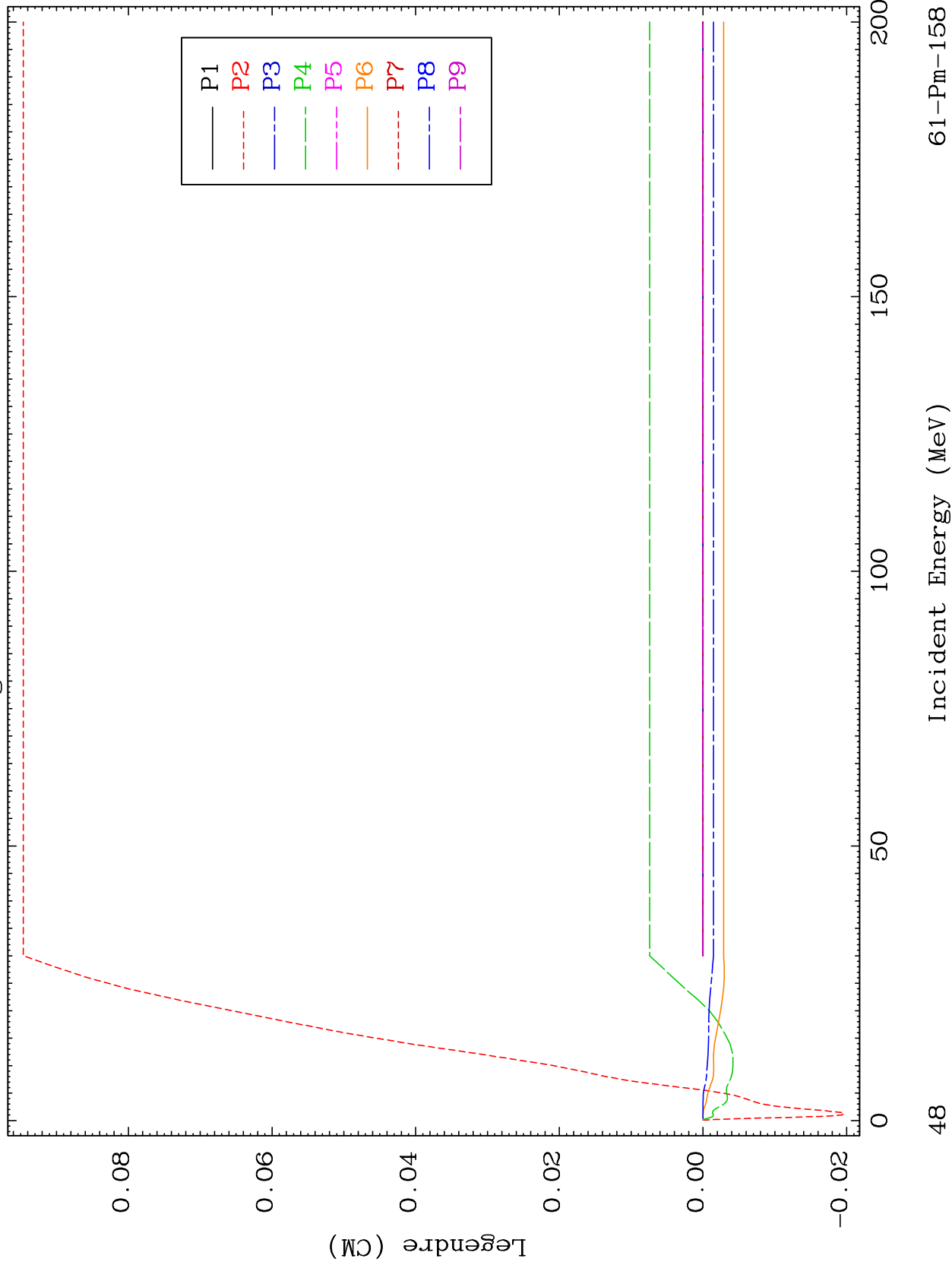
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MAT 6182

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

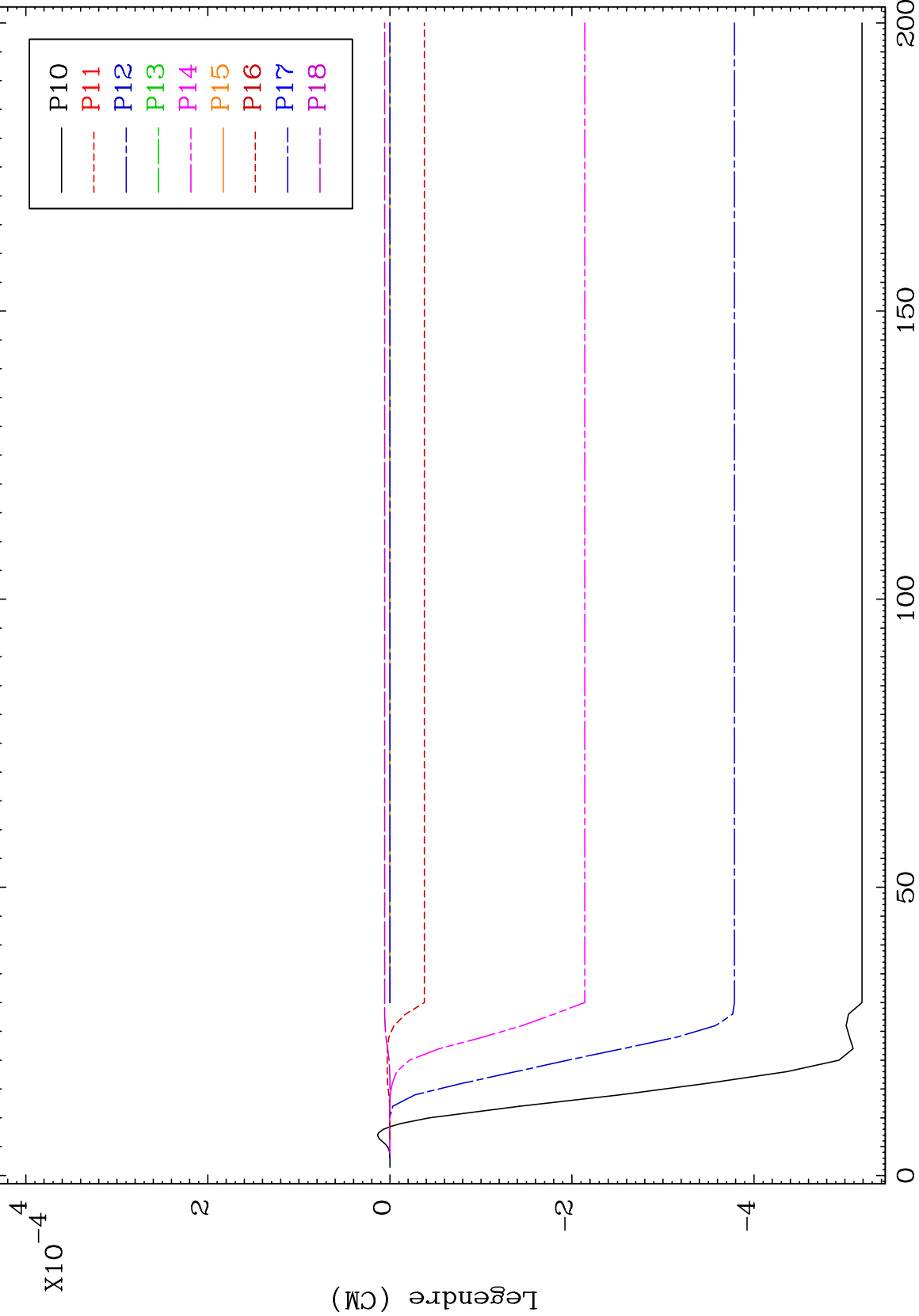
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MAT 6182

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

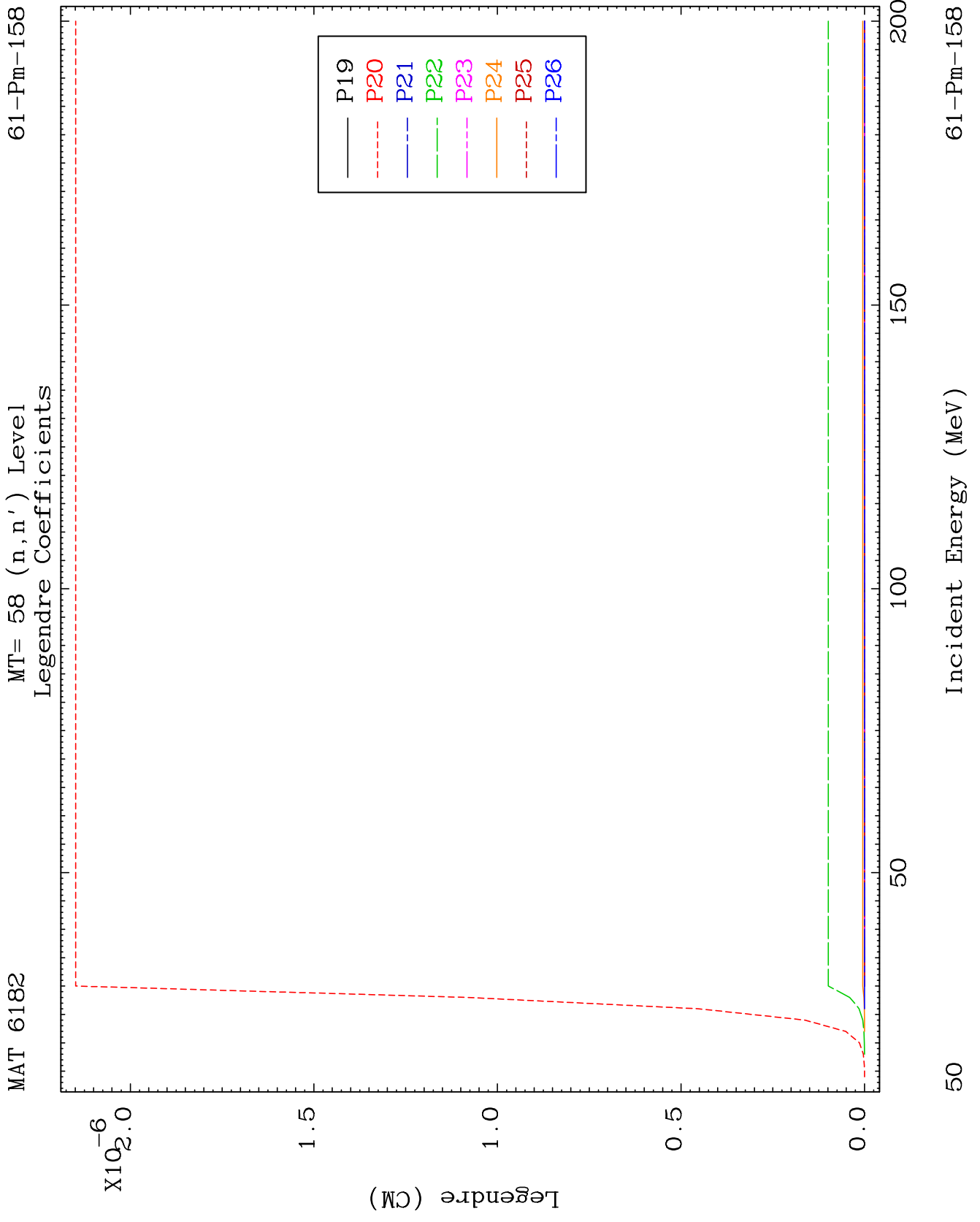
61-Pm-158



49

Incident Energy (MeV)

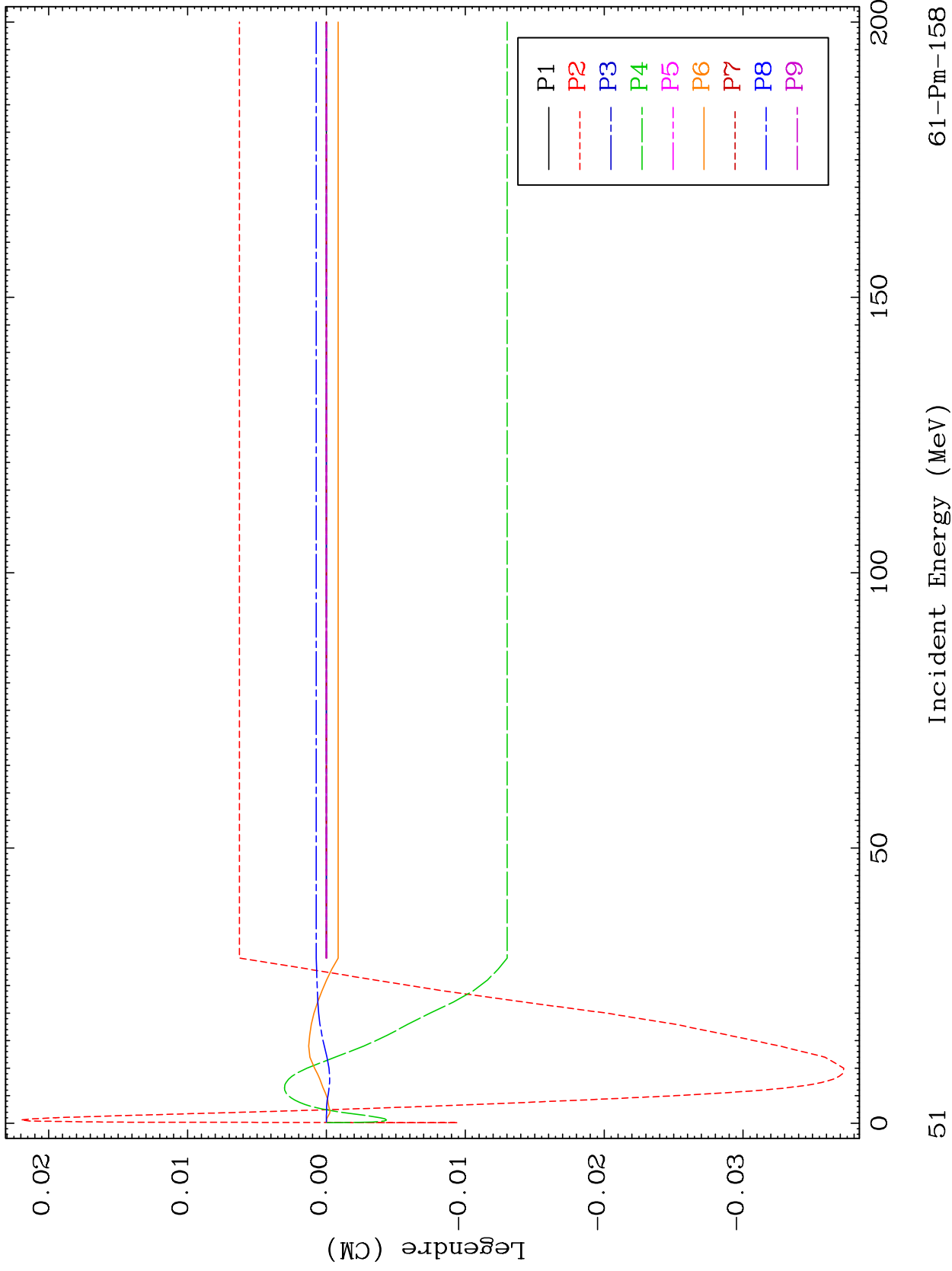
61-Pm-158



MAT 6182

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

61-Pm-158



61-Pm-158

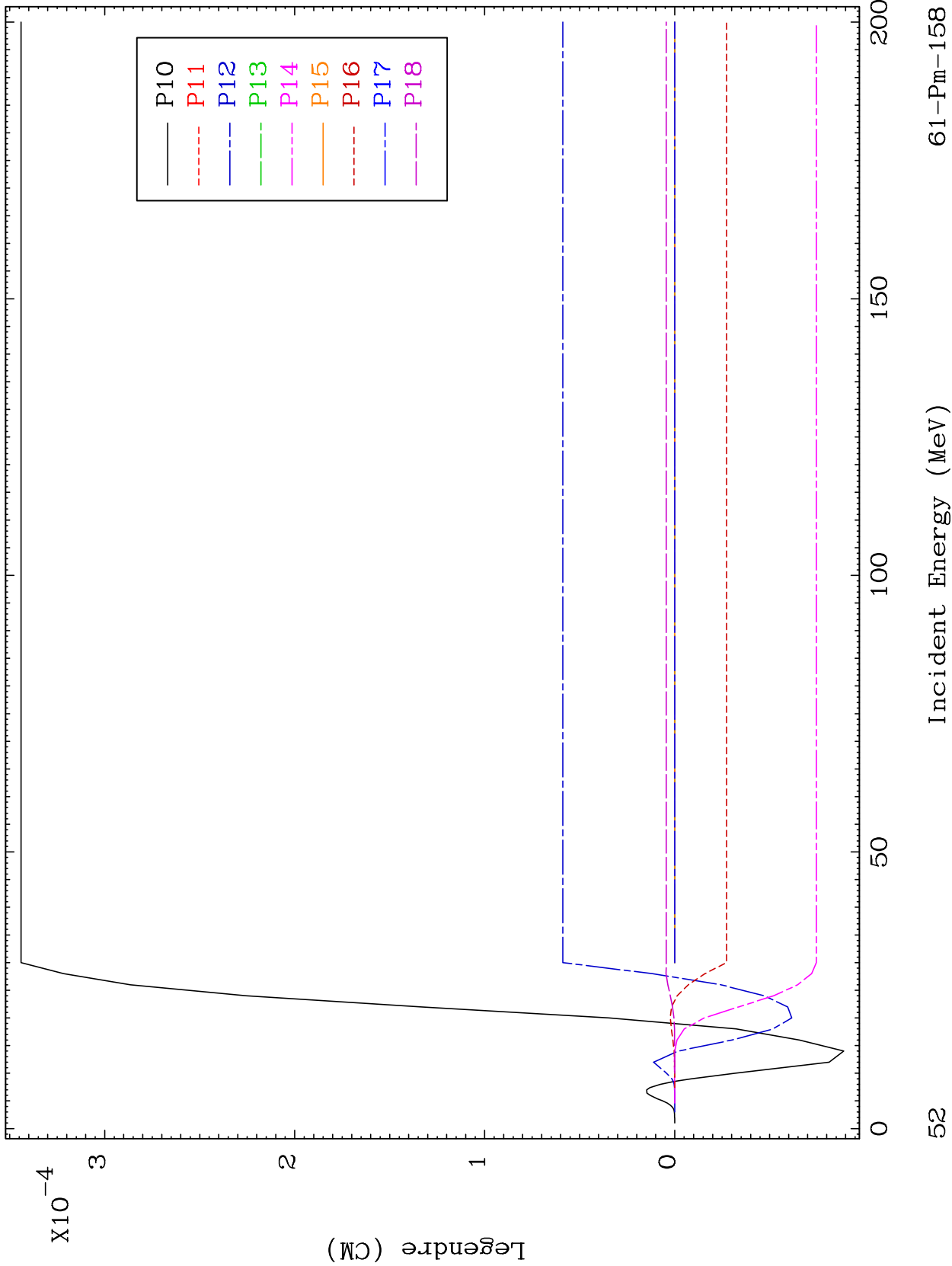
Incident Energy (MeV)

51

MAT 6182

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

61-Pm-158



61-Pm-158

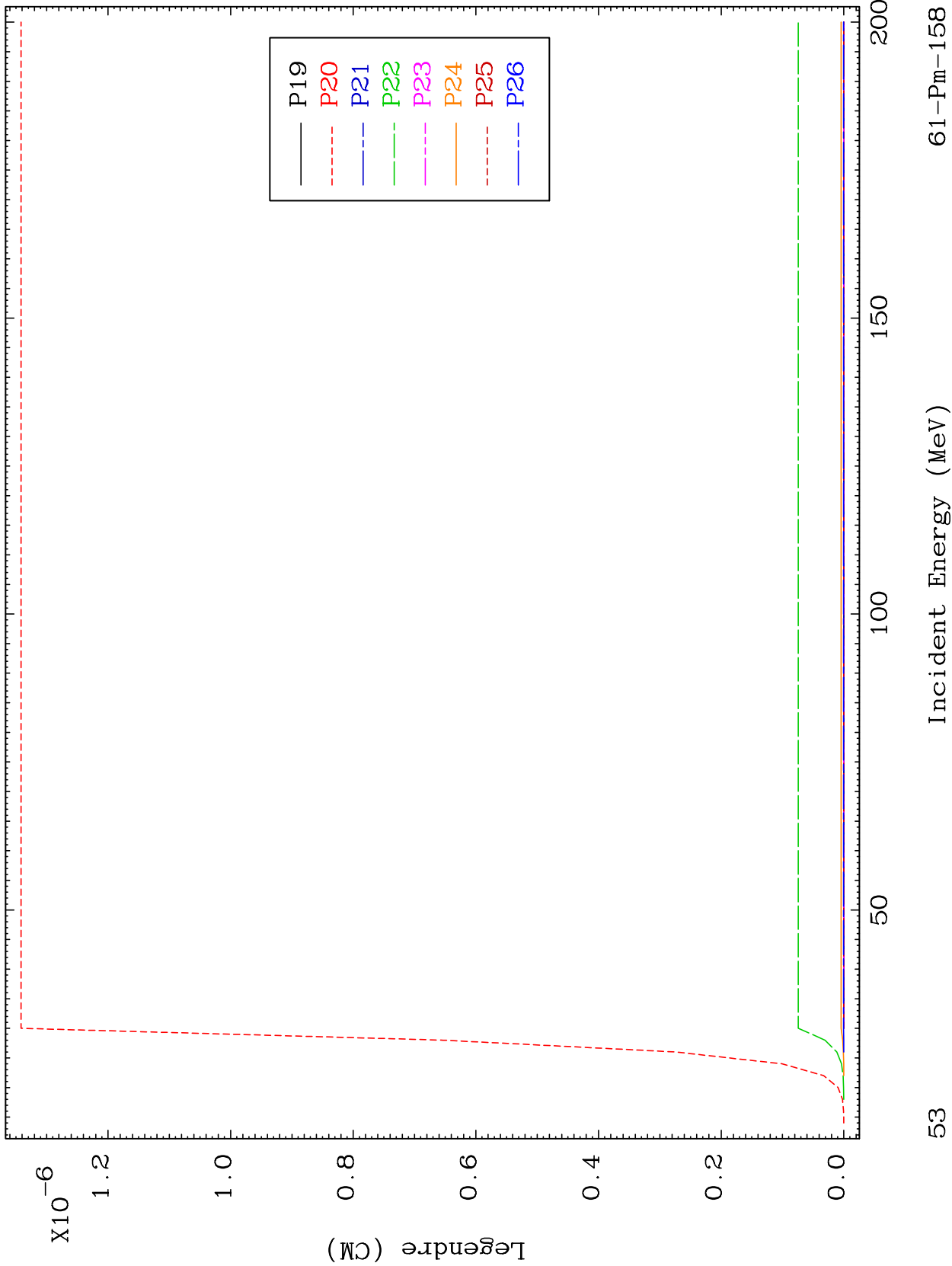
Incident Energy (MeV)

52

MAT 6182

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

61-Pm-158



53

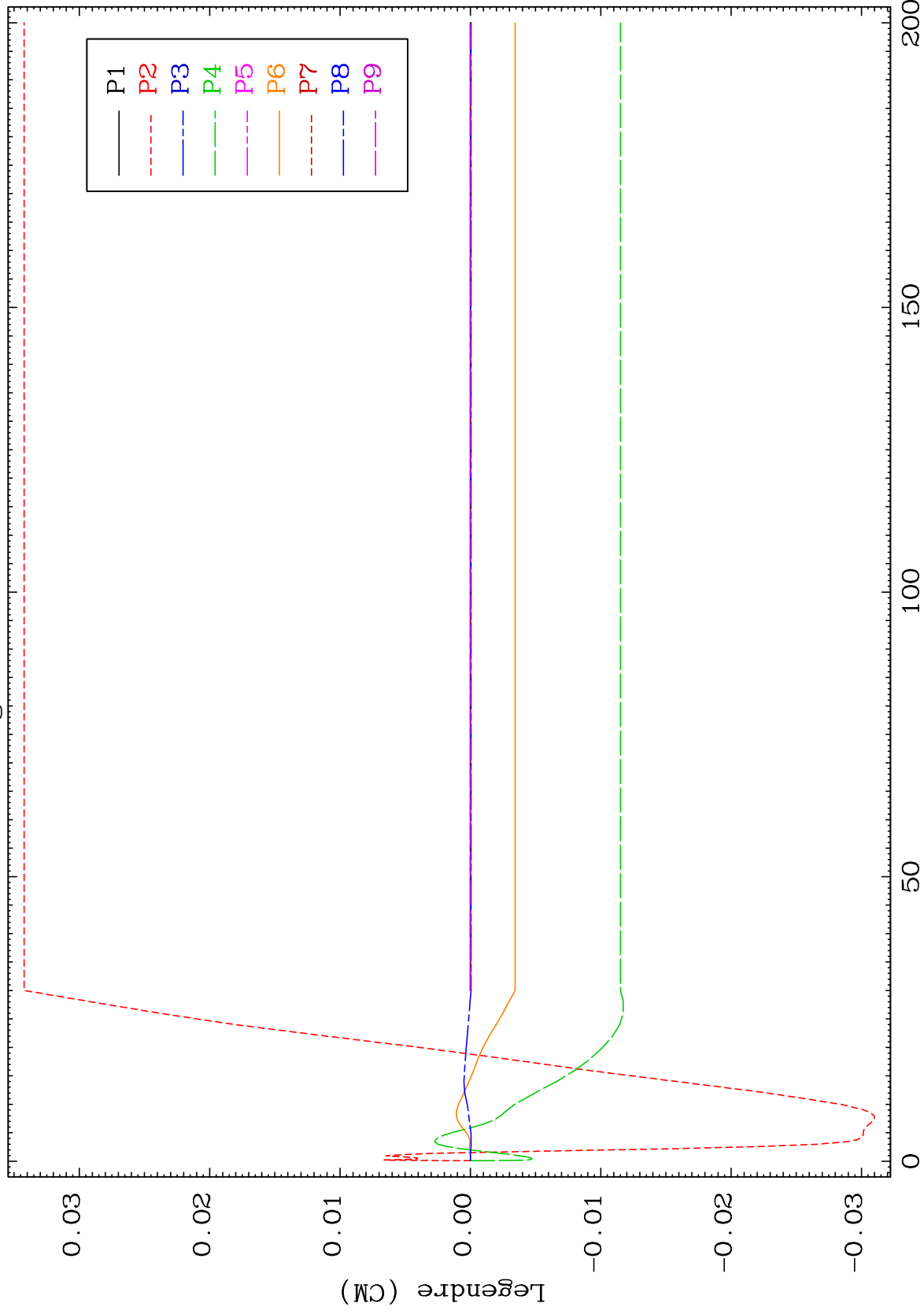
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



54

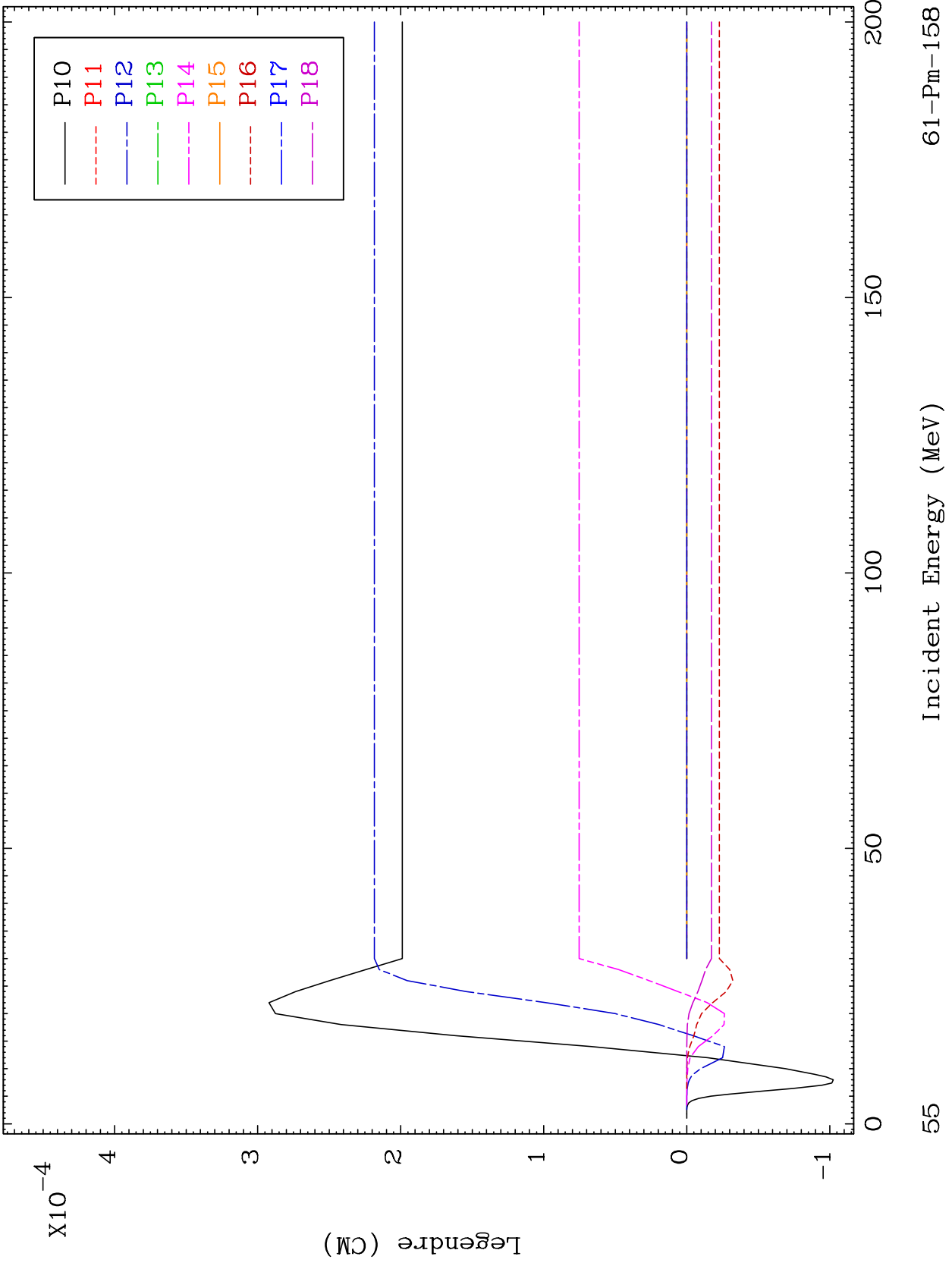
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

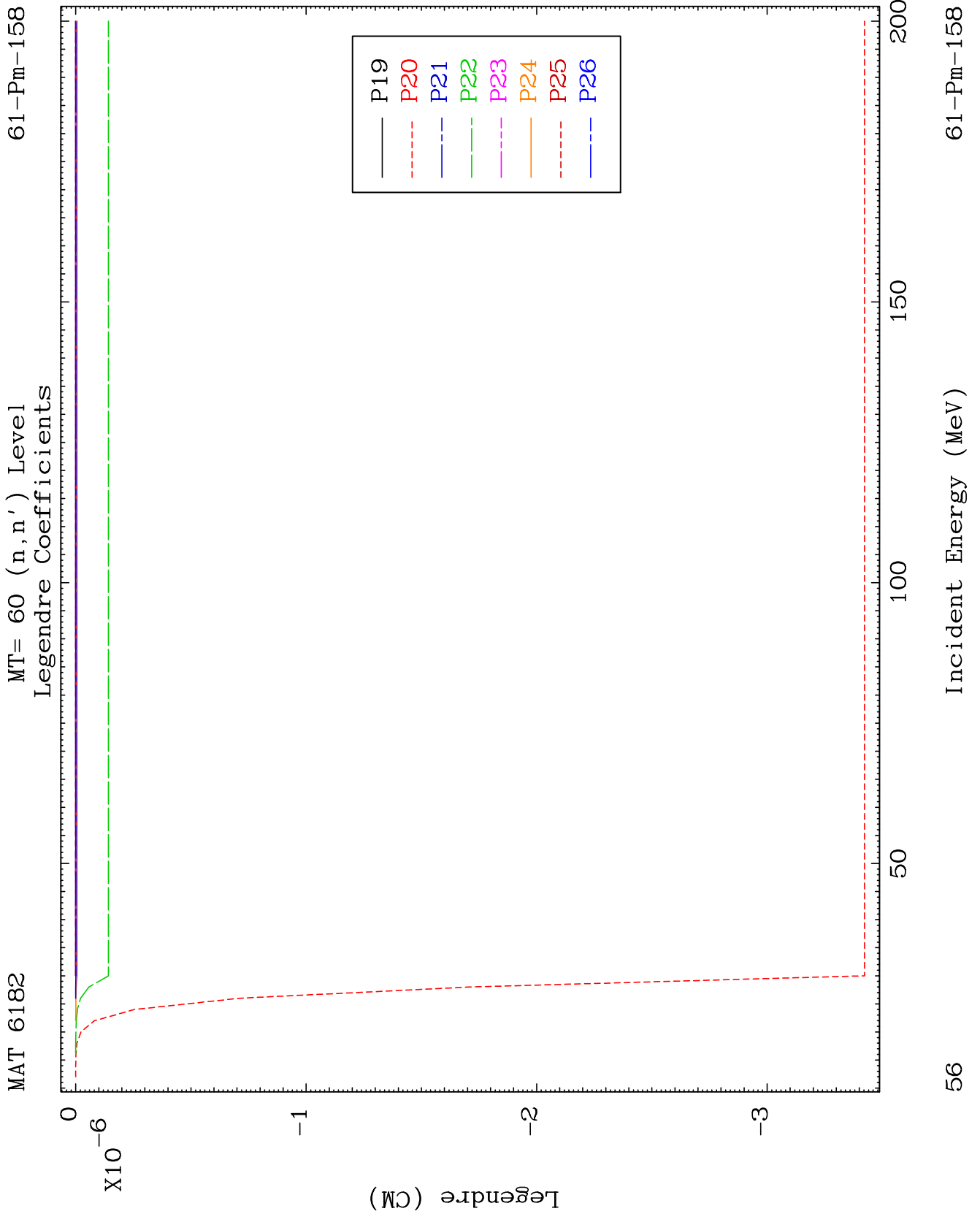
61-Pm-158



61-Pm-158

Incident Energy (MeV)

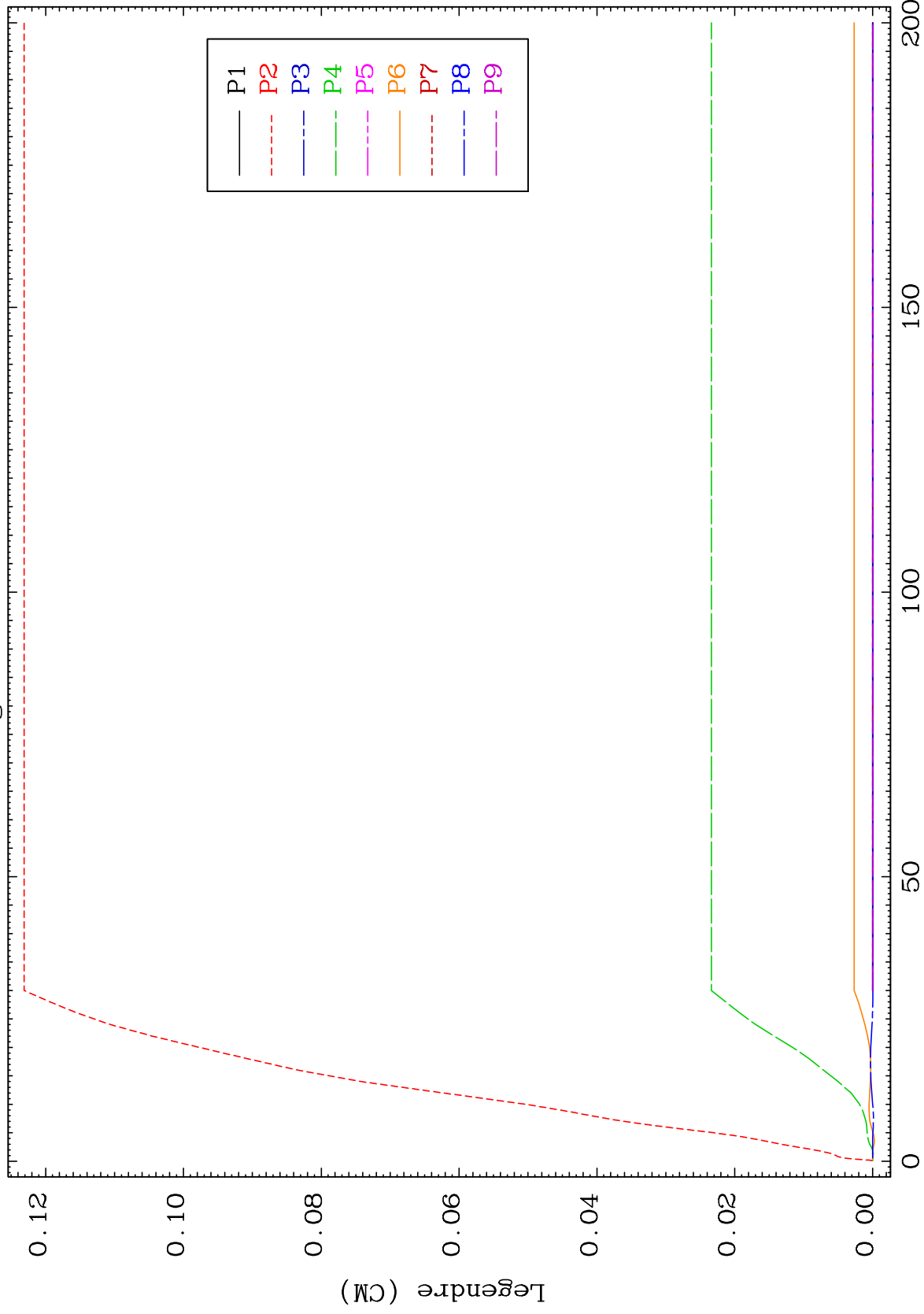
55



MAT 6182

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

61-Pm-158



57

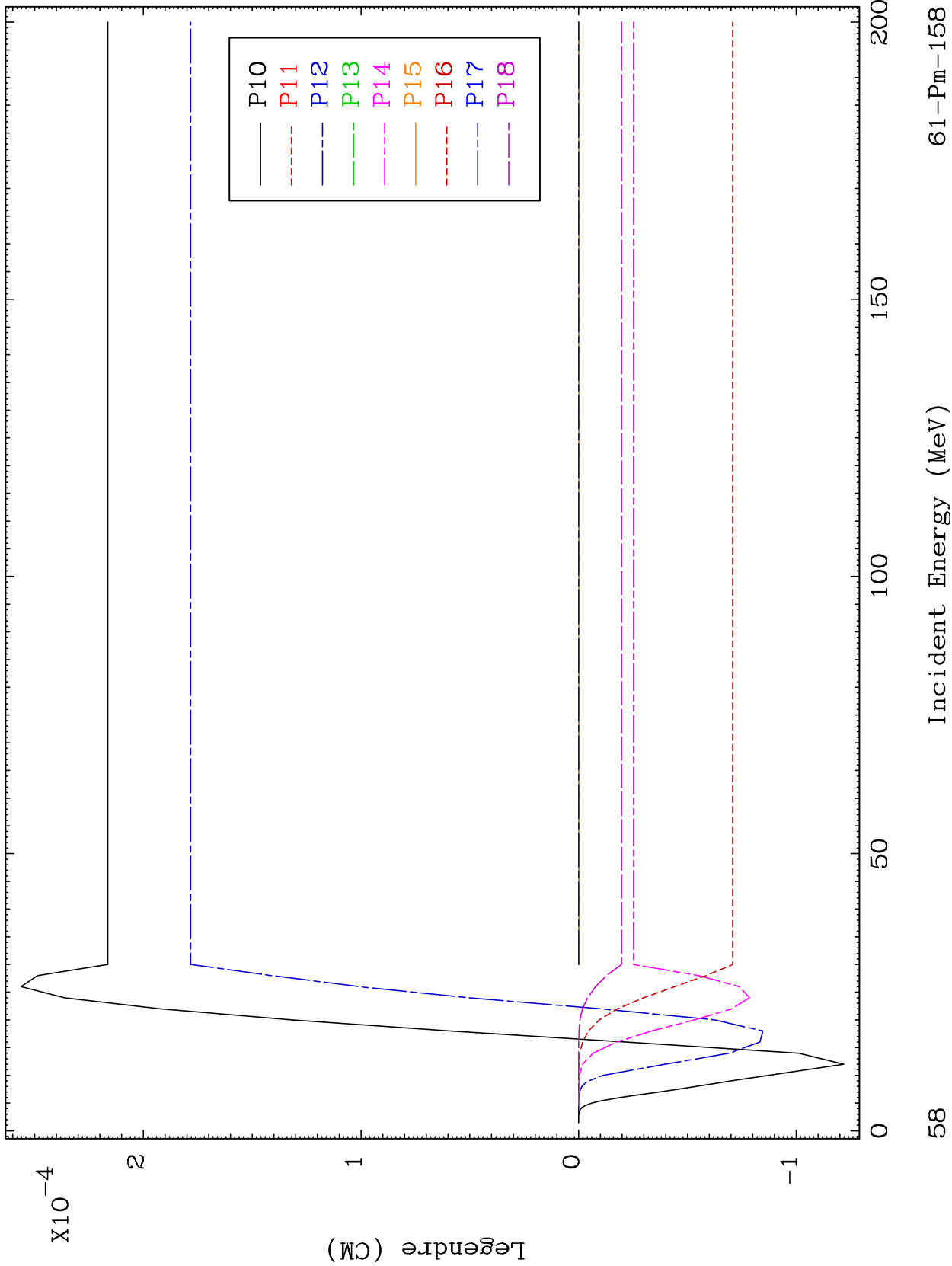
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

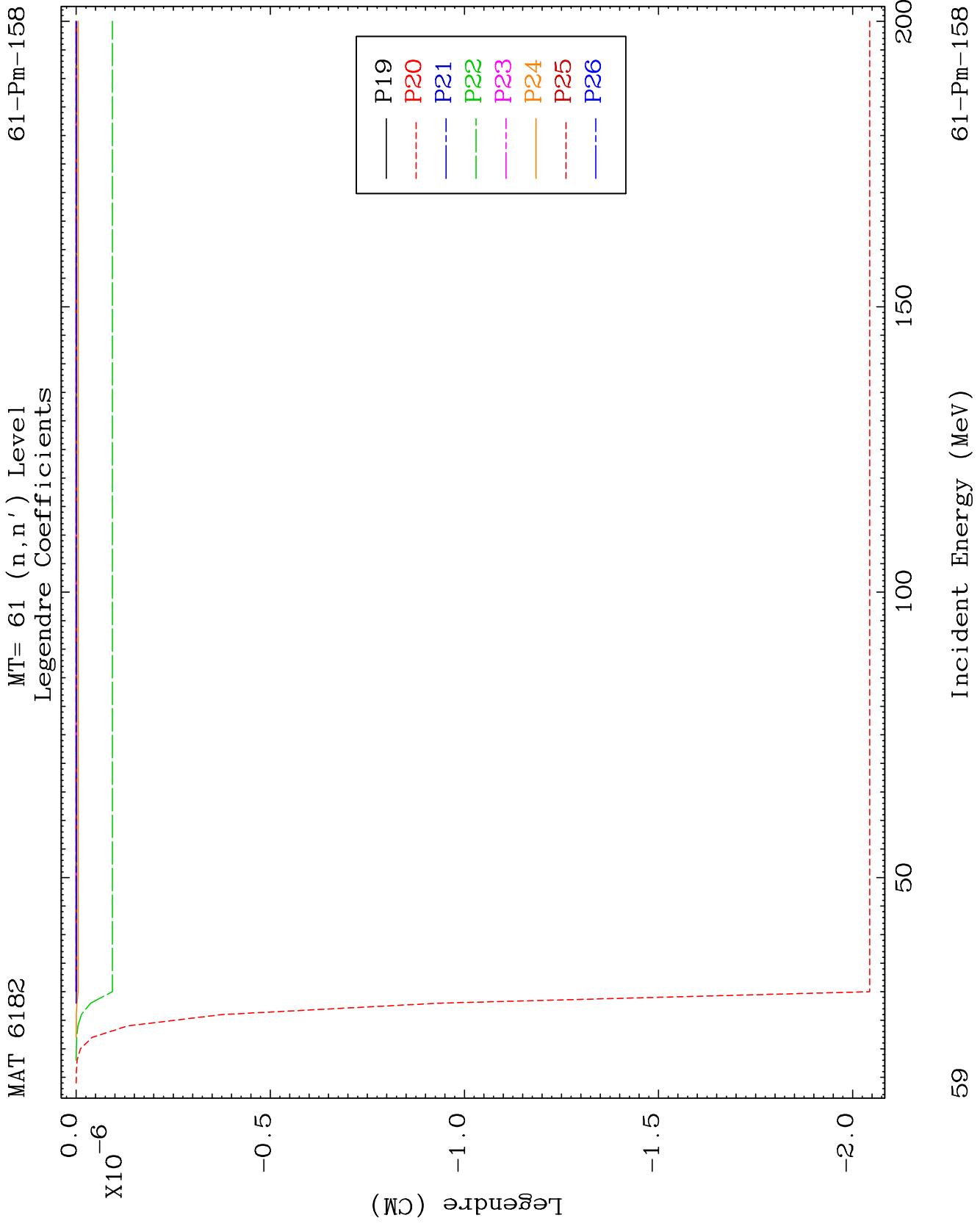
61-Pm-158



58

Incident Energy (MeV)

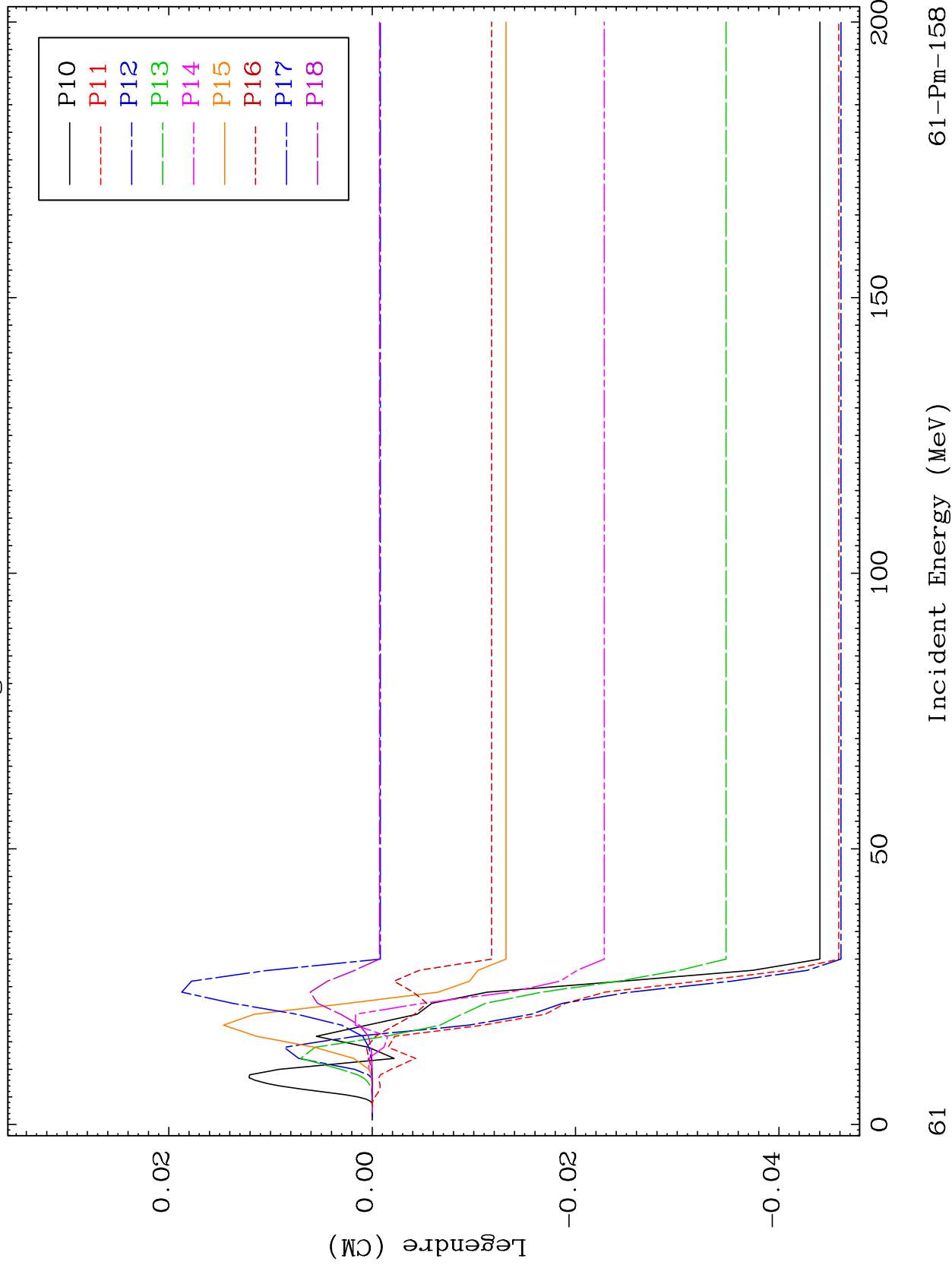
61-Pm-158



MAT 6182

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

61-Pm-158



61

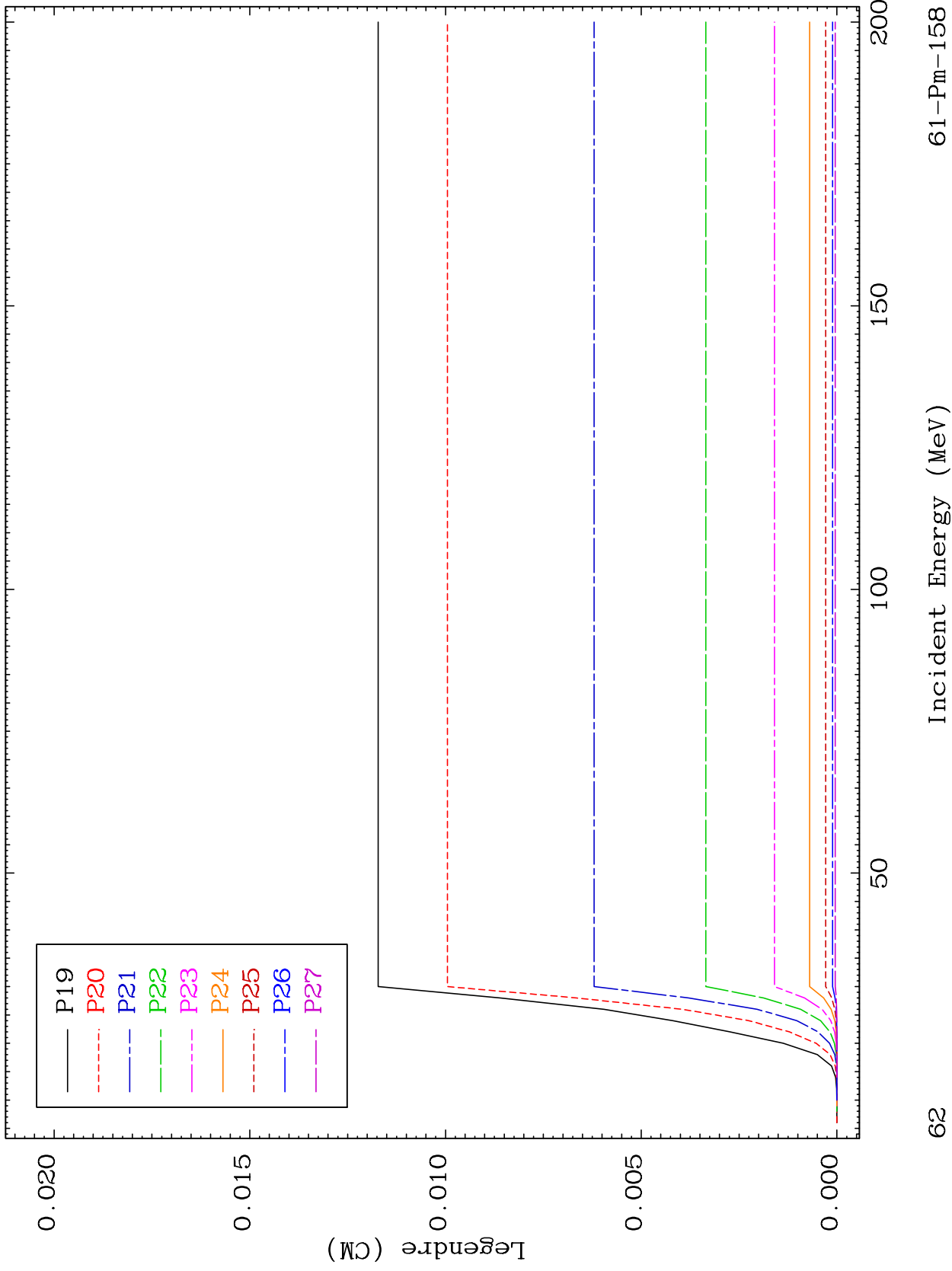
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



62

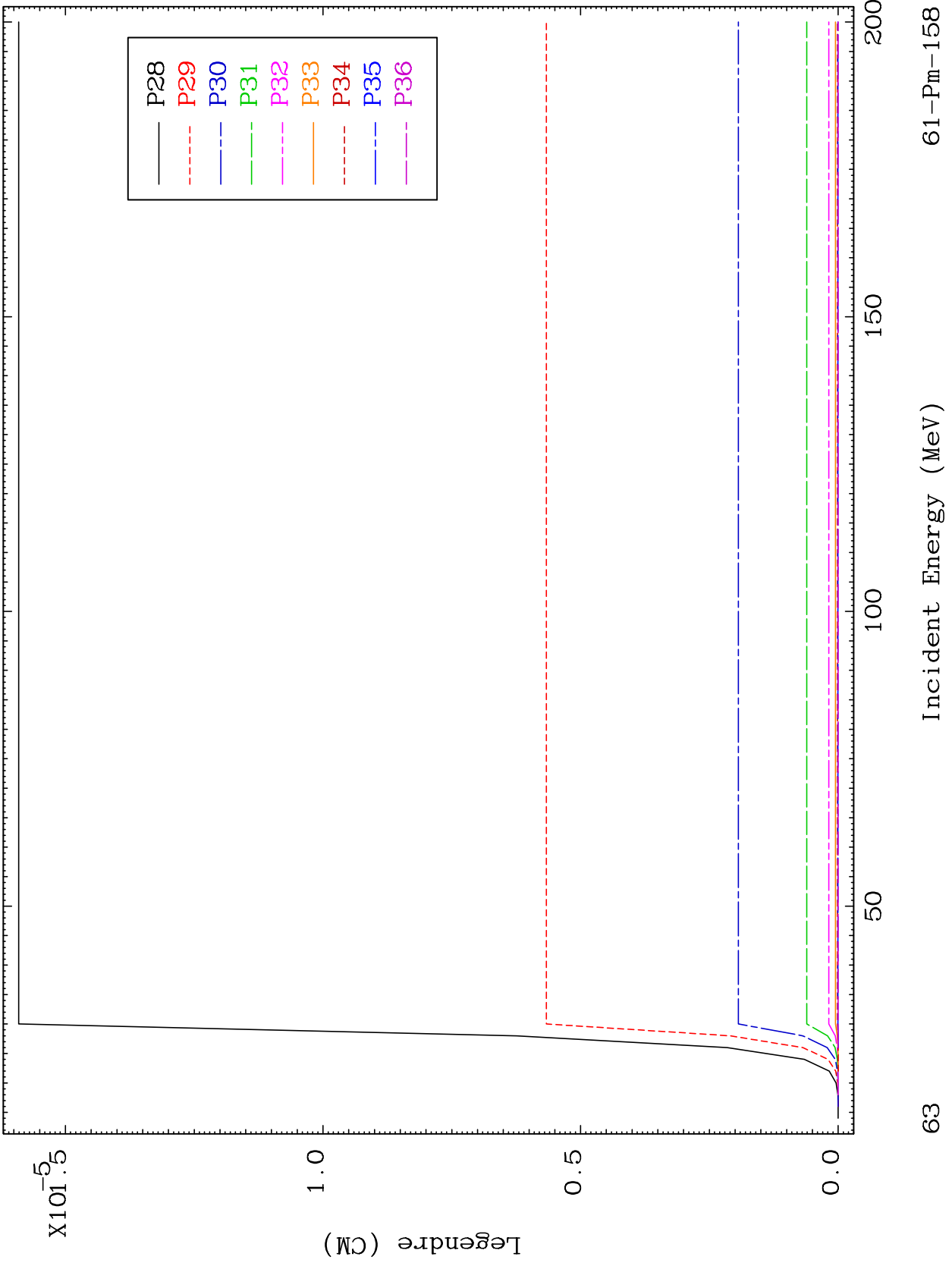
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158

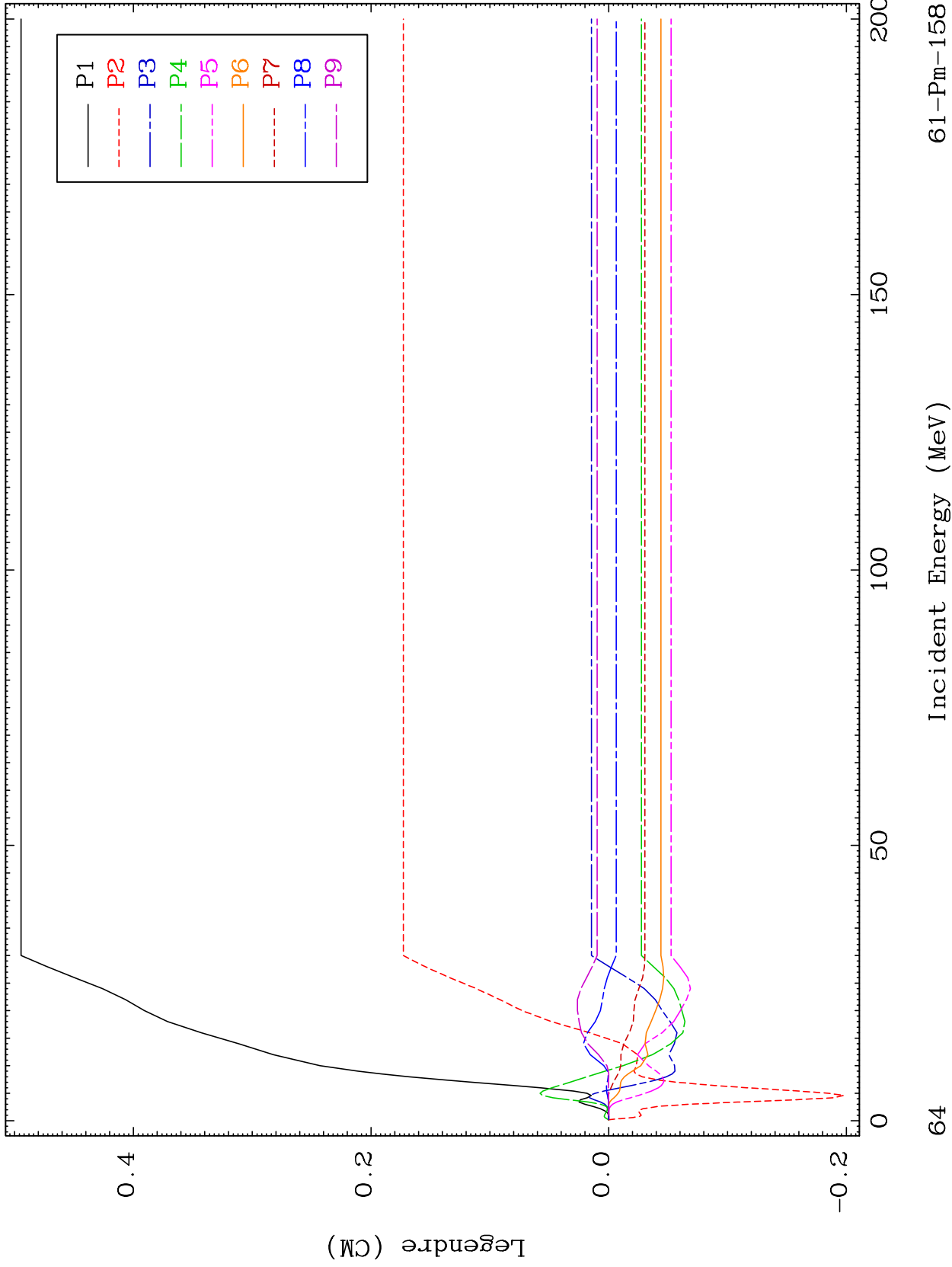


63

MAT 6182

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

61-Pm-158



61-Pm-158

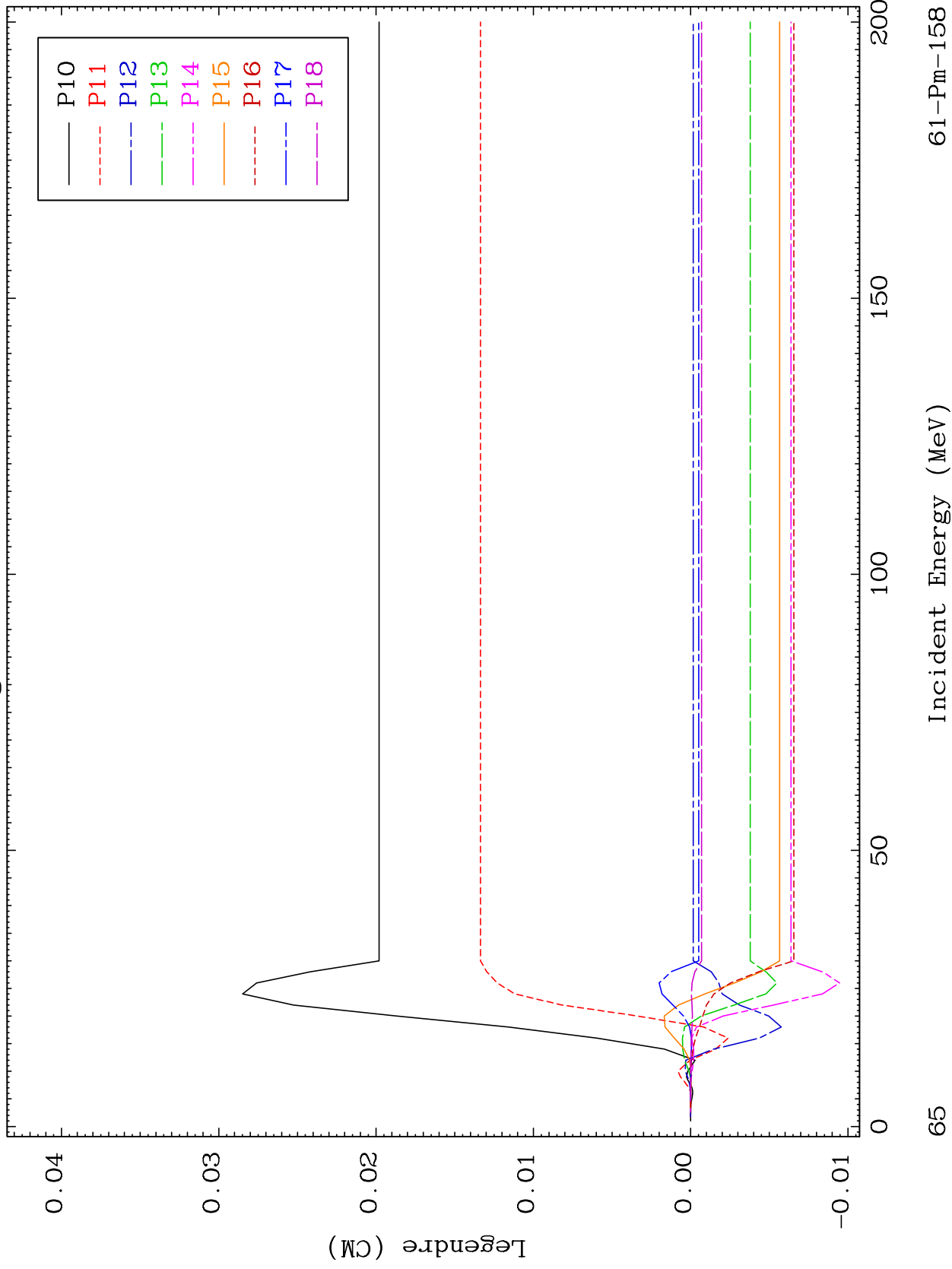
Incident Energy (MeV)

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MAT 6182

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

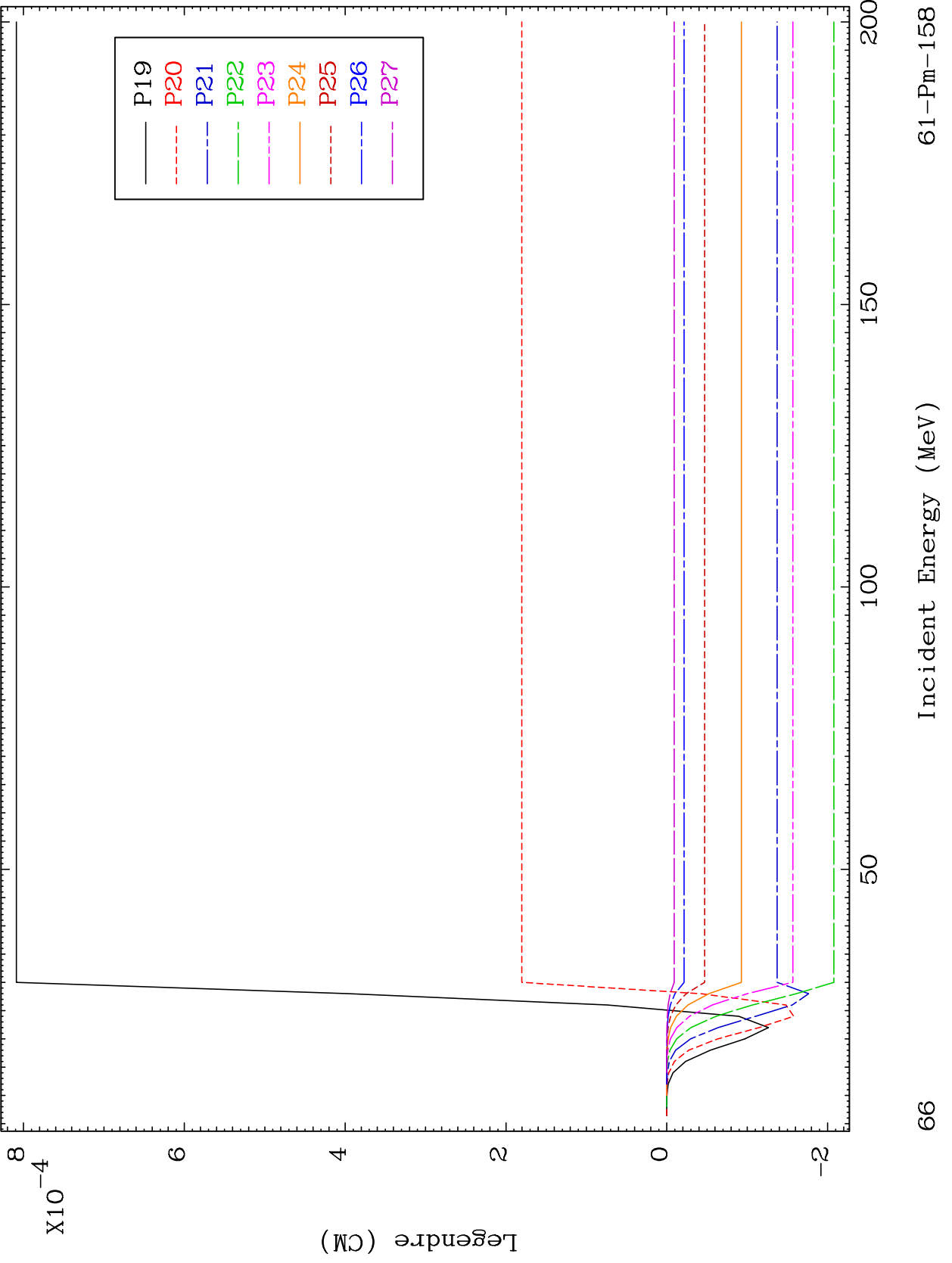
61-Pm-158



65

Incident Energy (MeV)

61-Pm-158

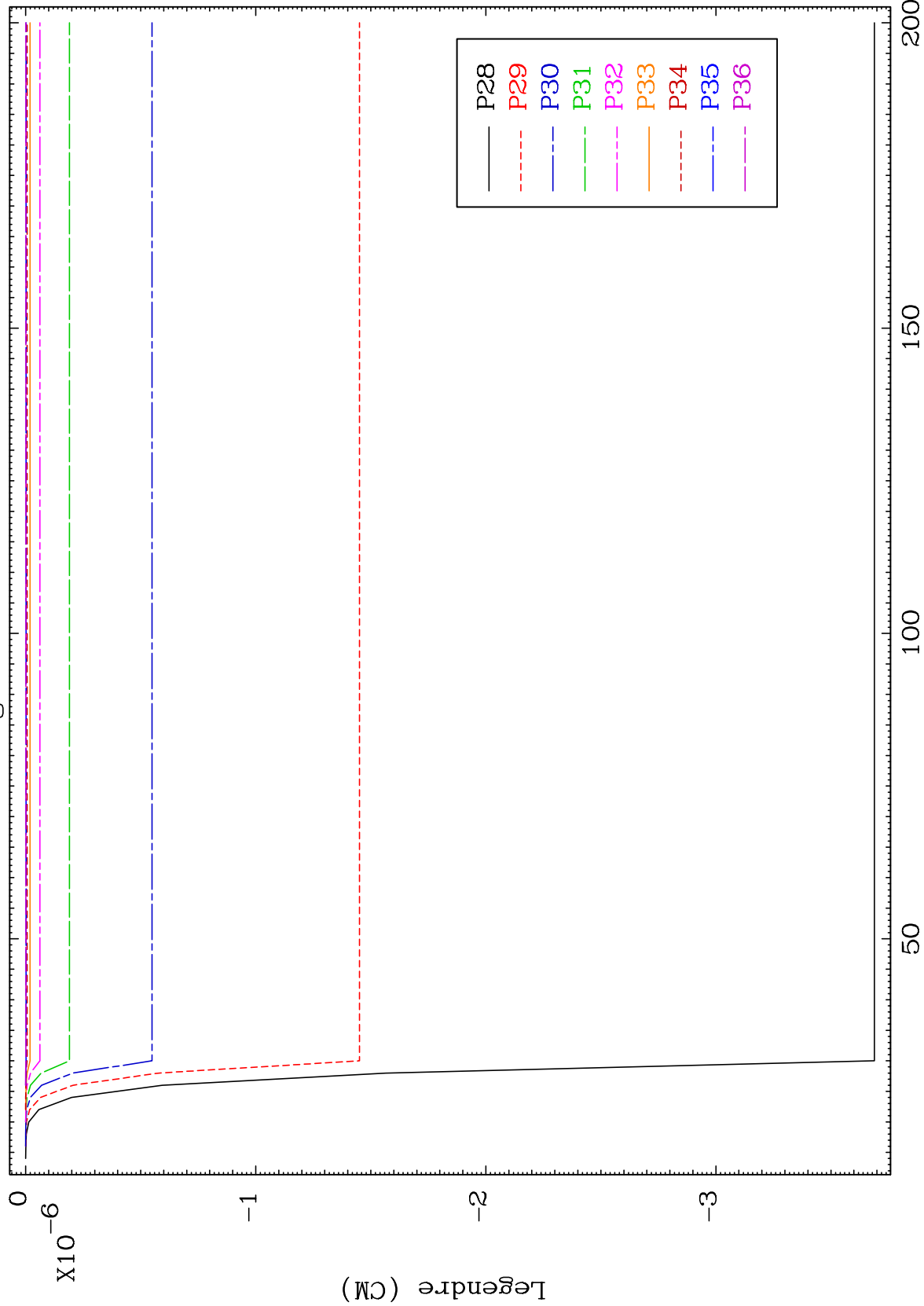


MAT 6182

MT= 63 (n,n') Level

61-Pm-158

Legendre Coefficients



61-Pm-158

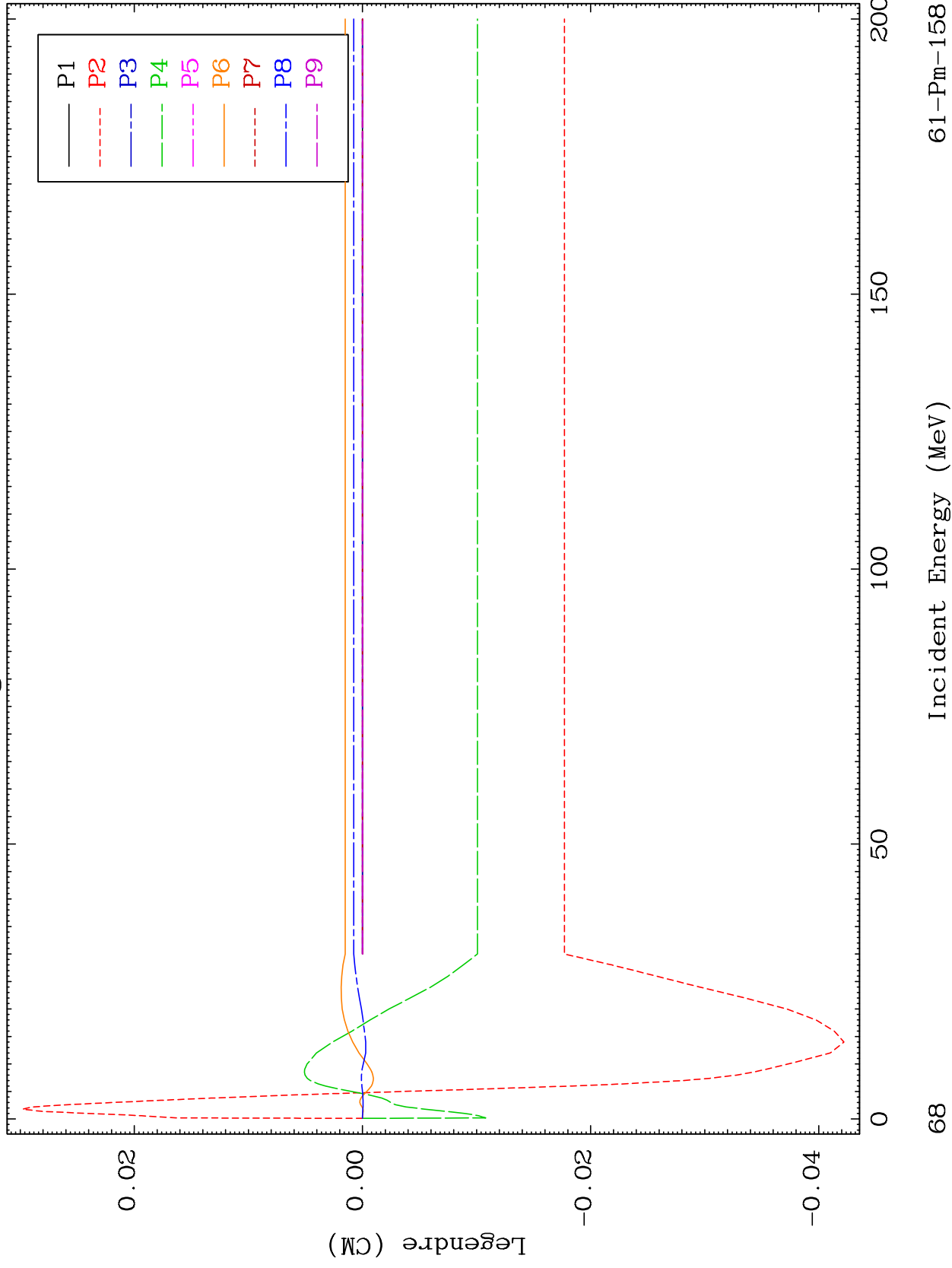
Incident Energy (MeV)

67

MAT 6182

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

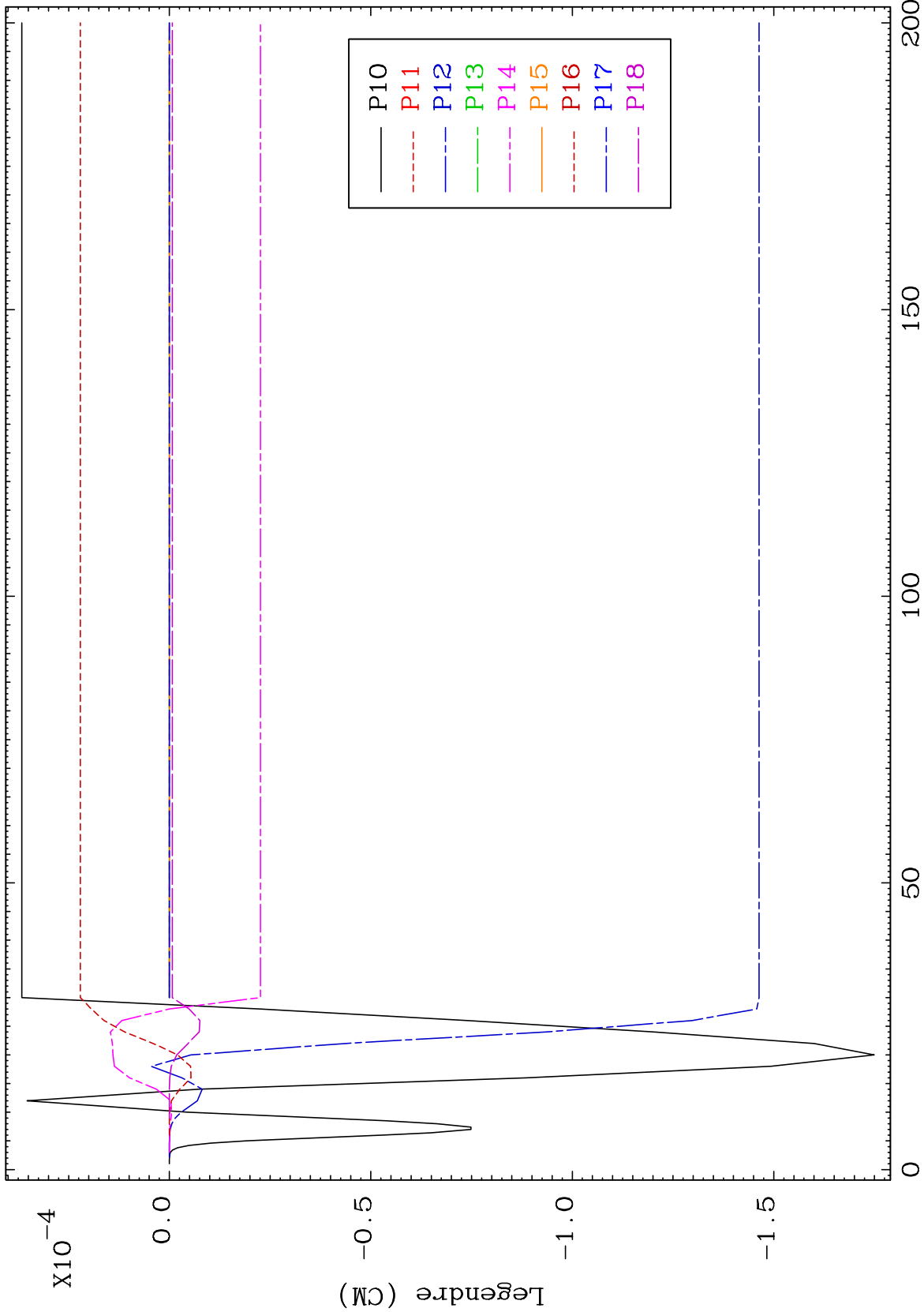
61-Pm-158



MAT 6182

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

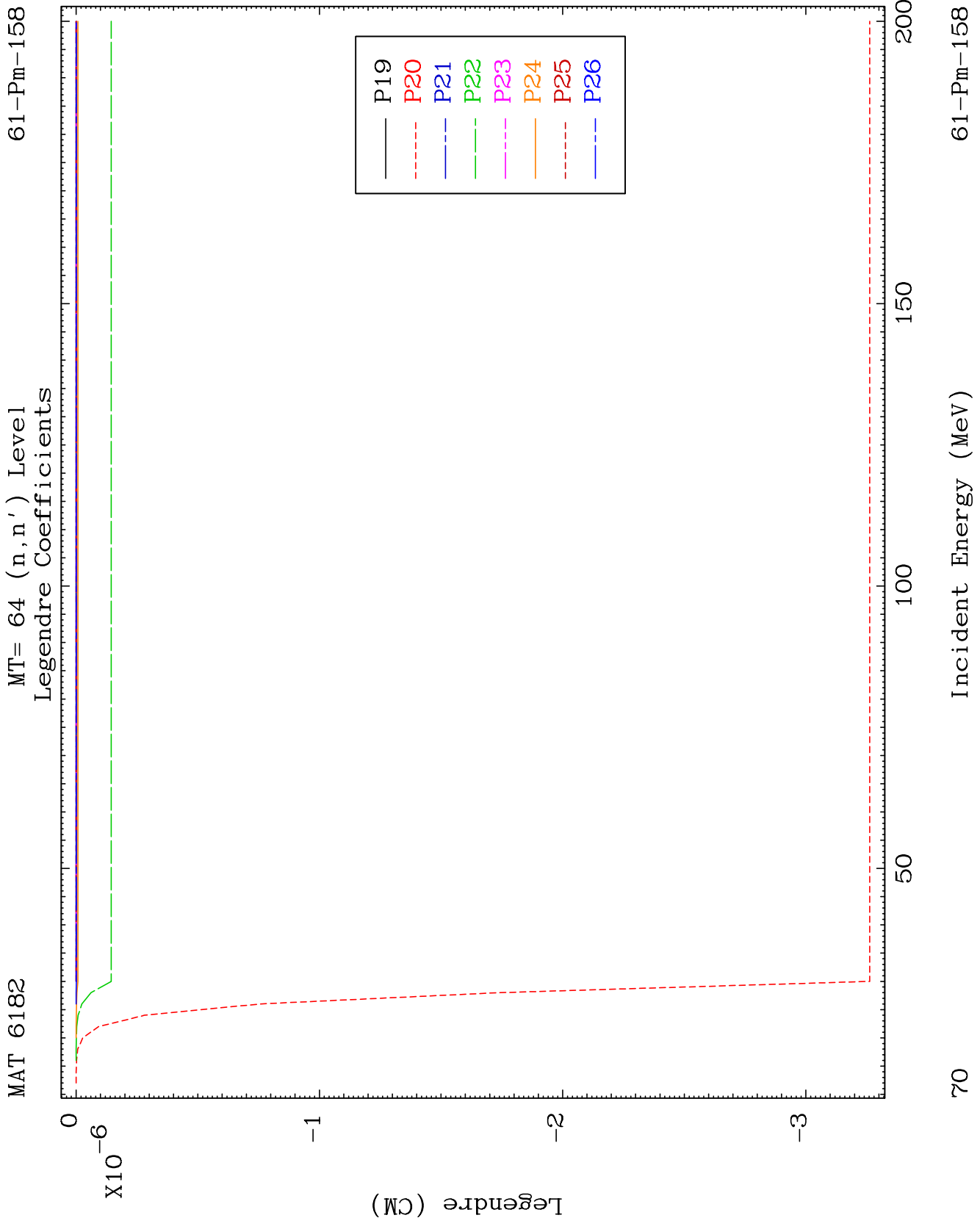
61-Pm-158



69

Incident Energy (MeV)

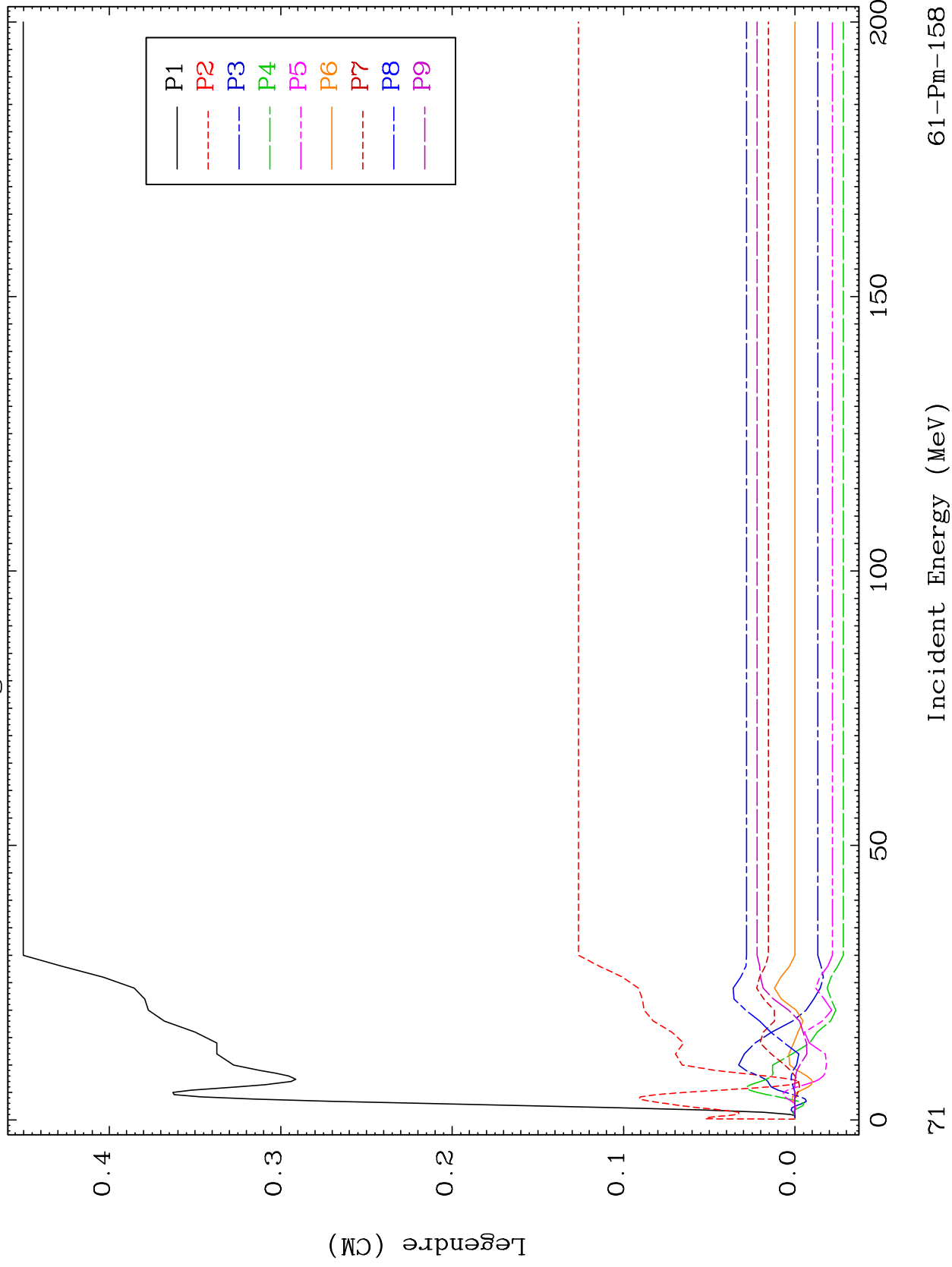
61-Pm-158



MAT 6182

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

61-Pm-158



61-Pm-158

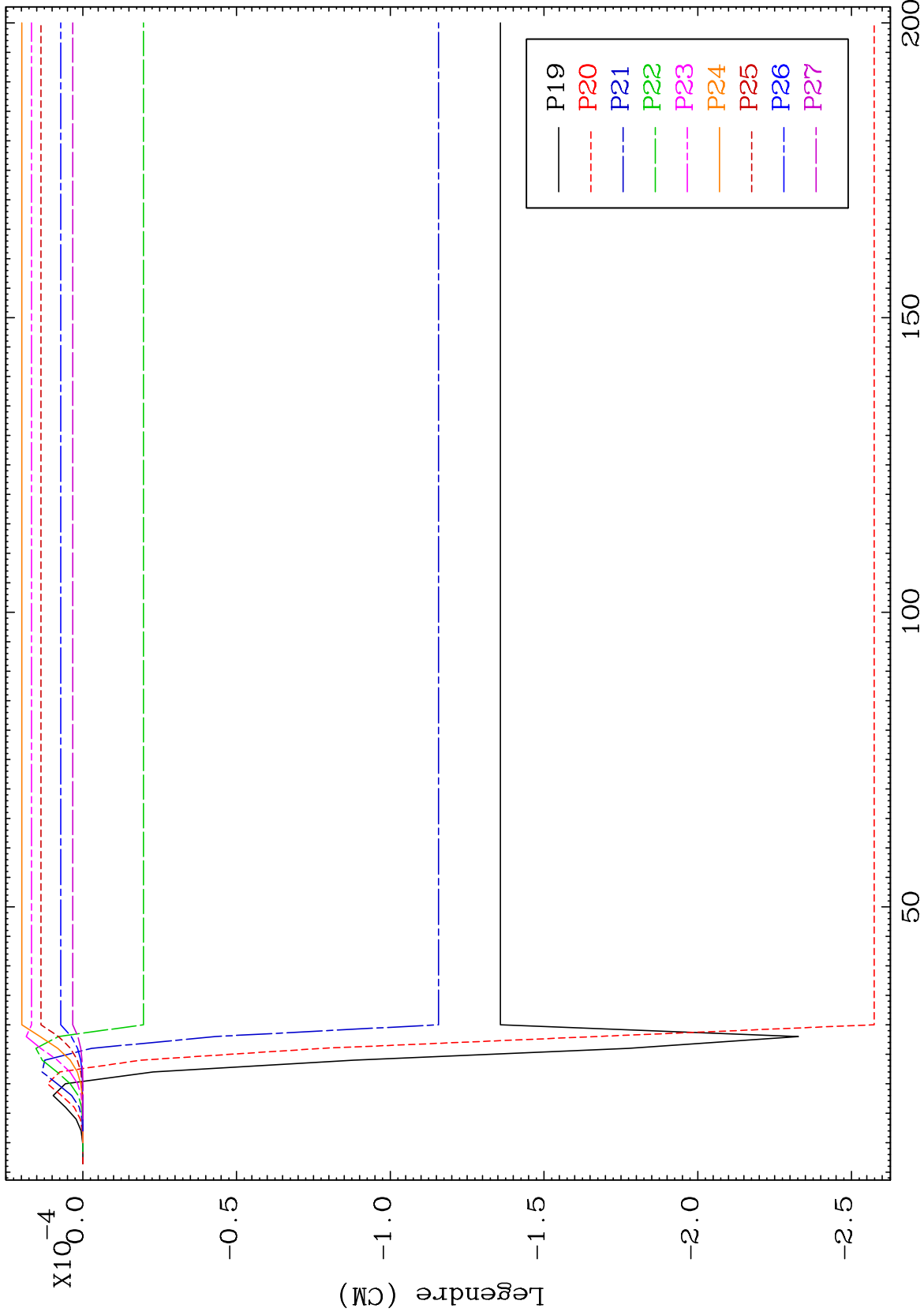
Incident Energy (MeV)

71

MAT 6182

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

61-Pm-158



73

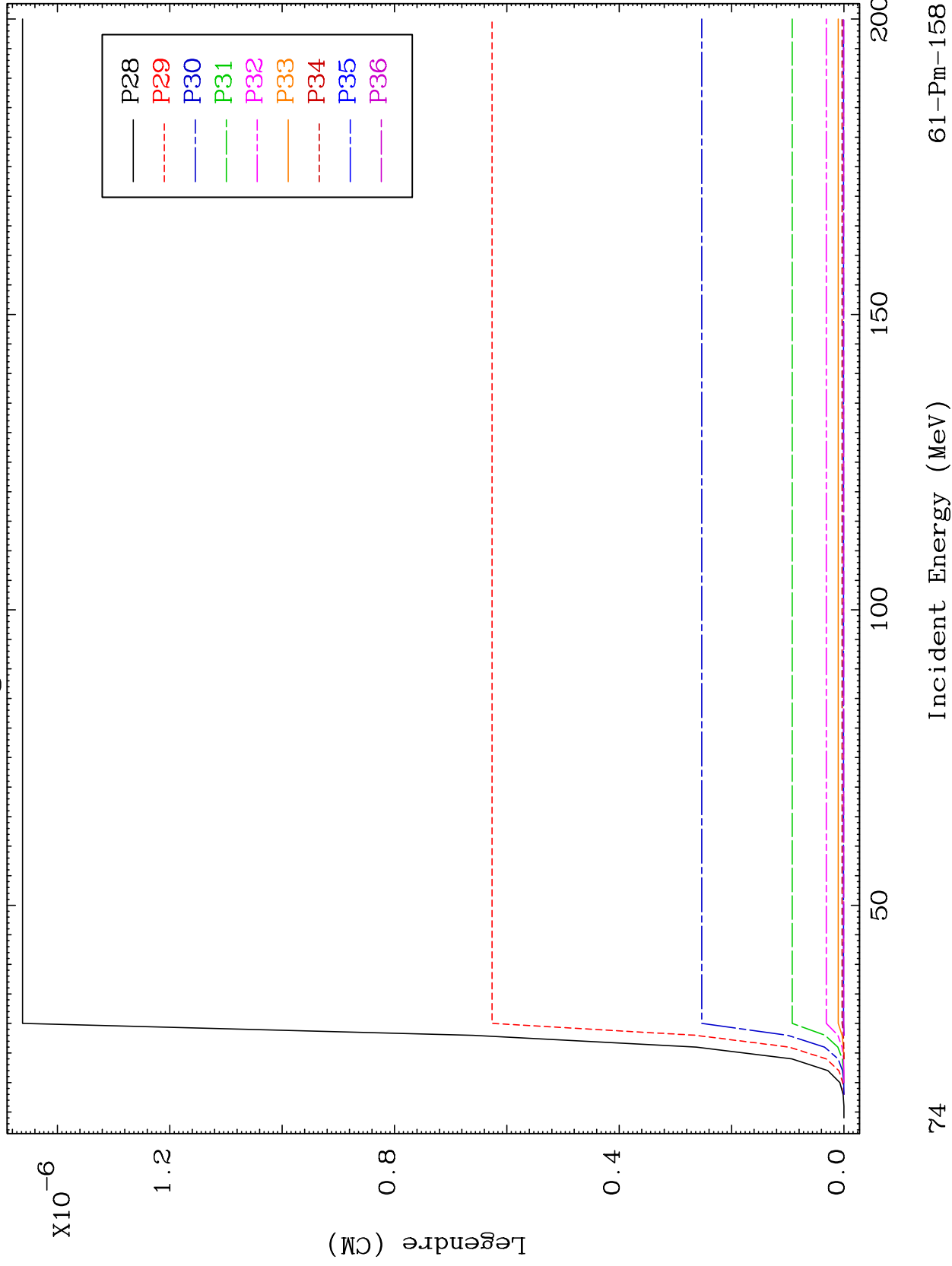
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



74

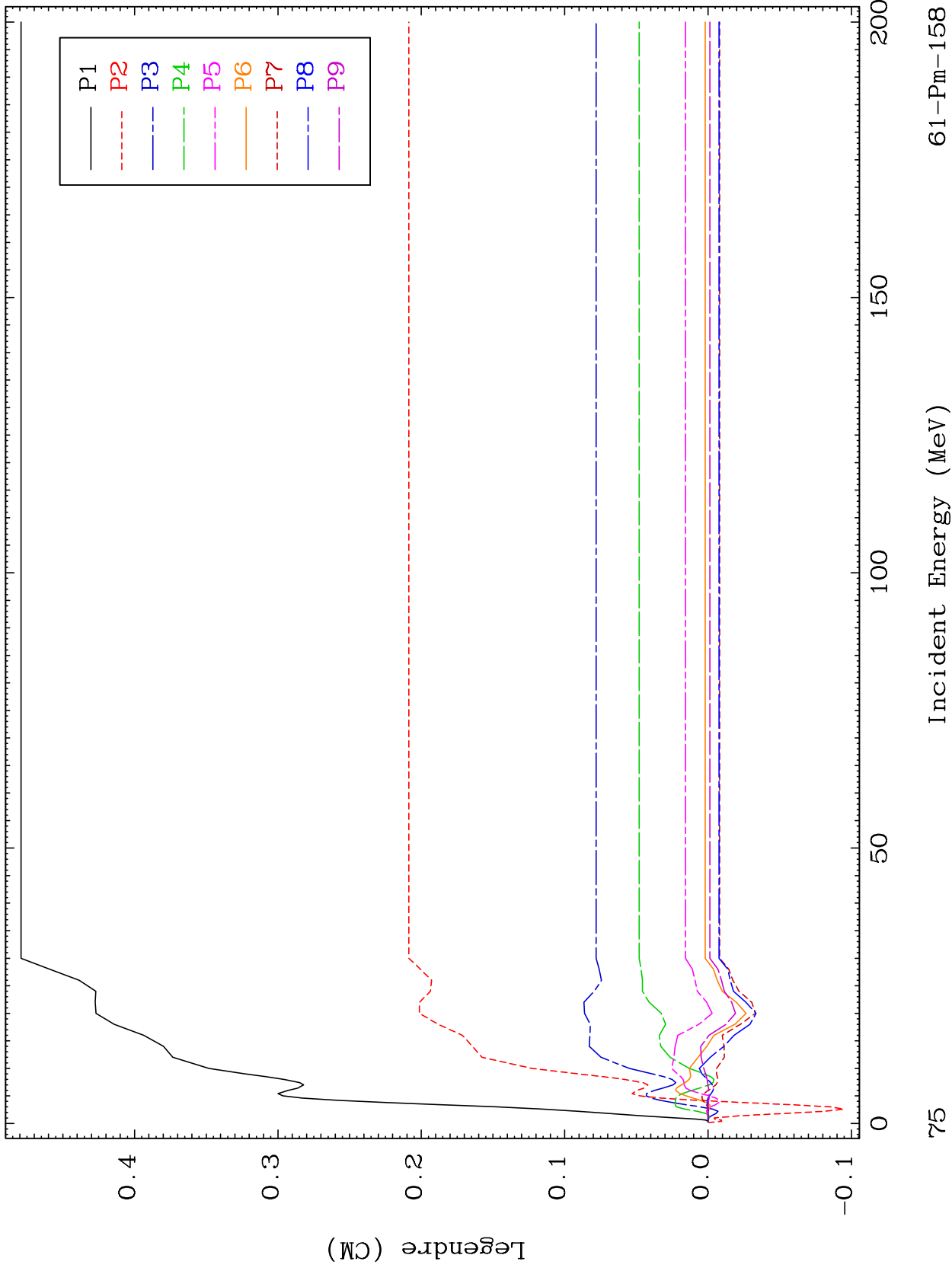
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



61-Pm-158

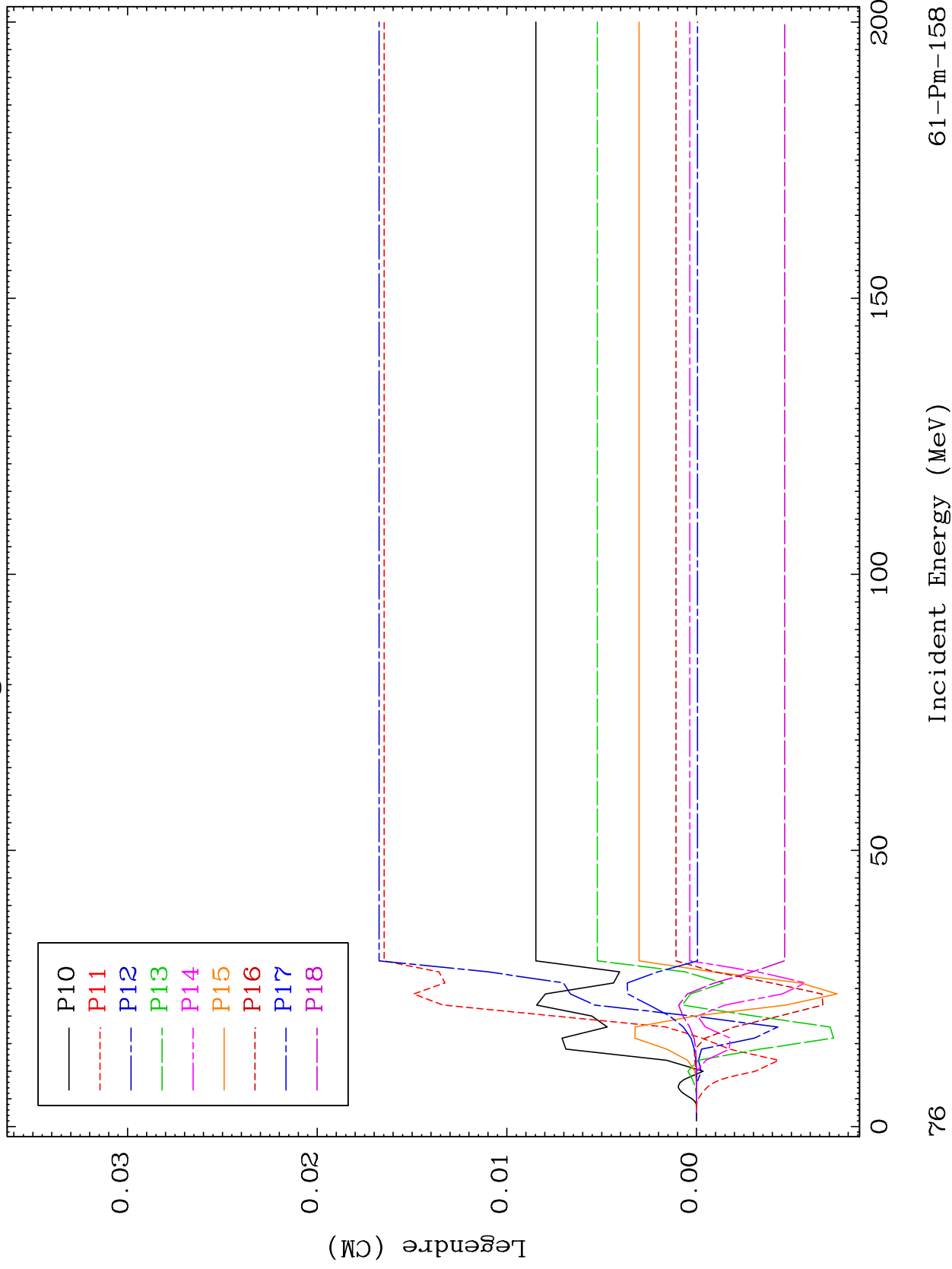
Incident Energy (MeV)

75

MAT 6182

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

61-Pm-158



76

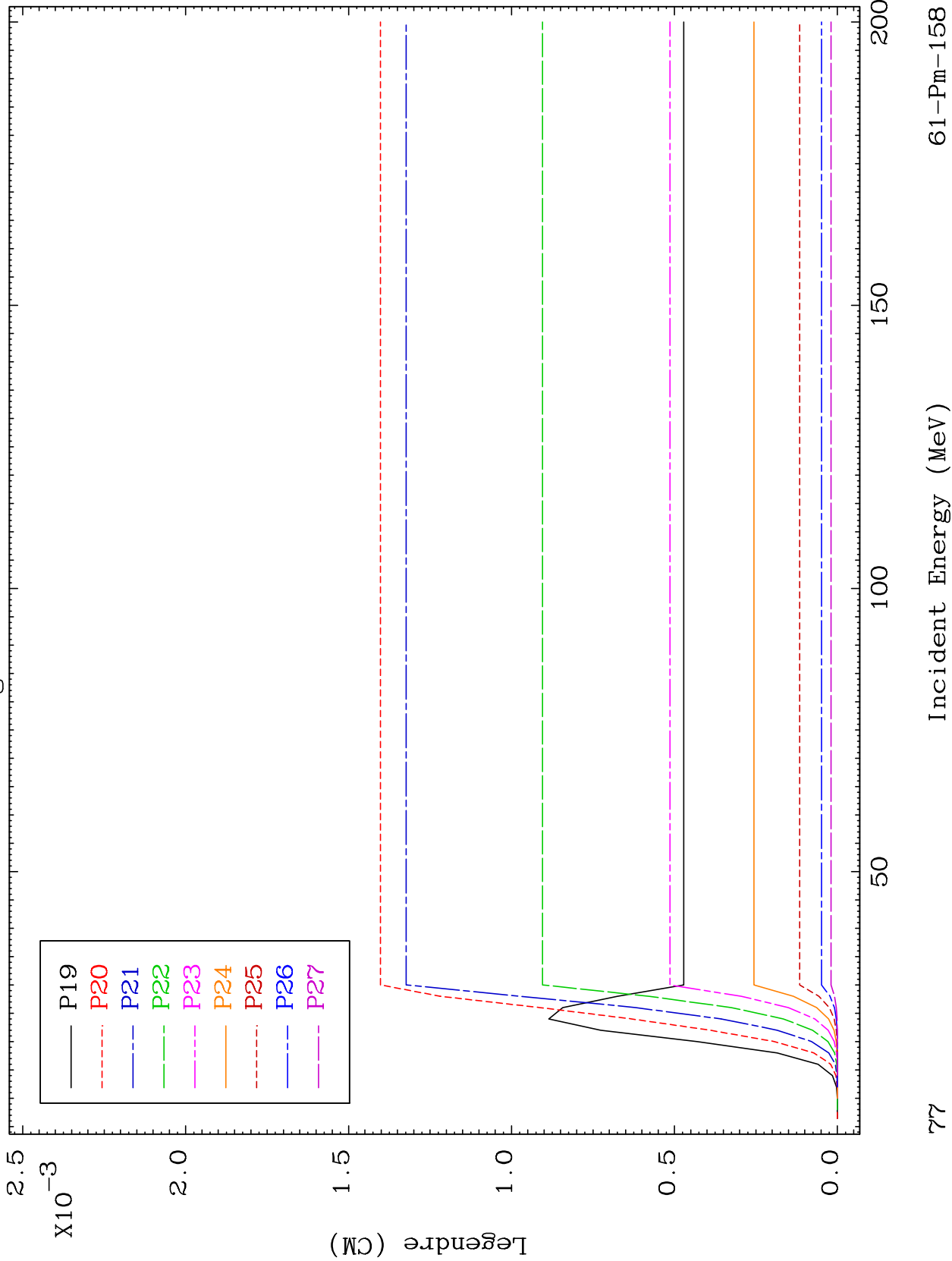
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

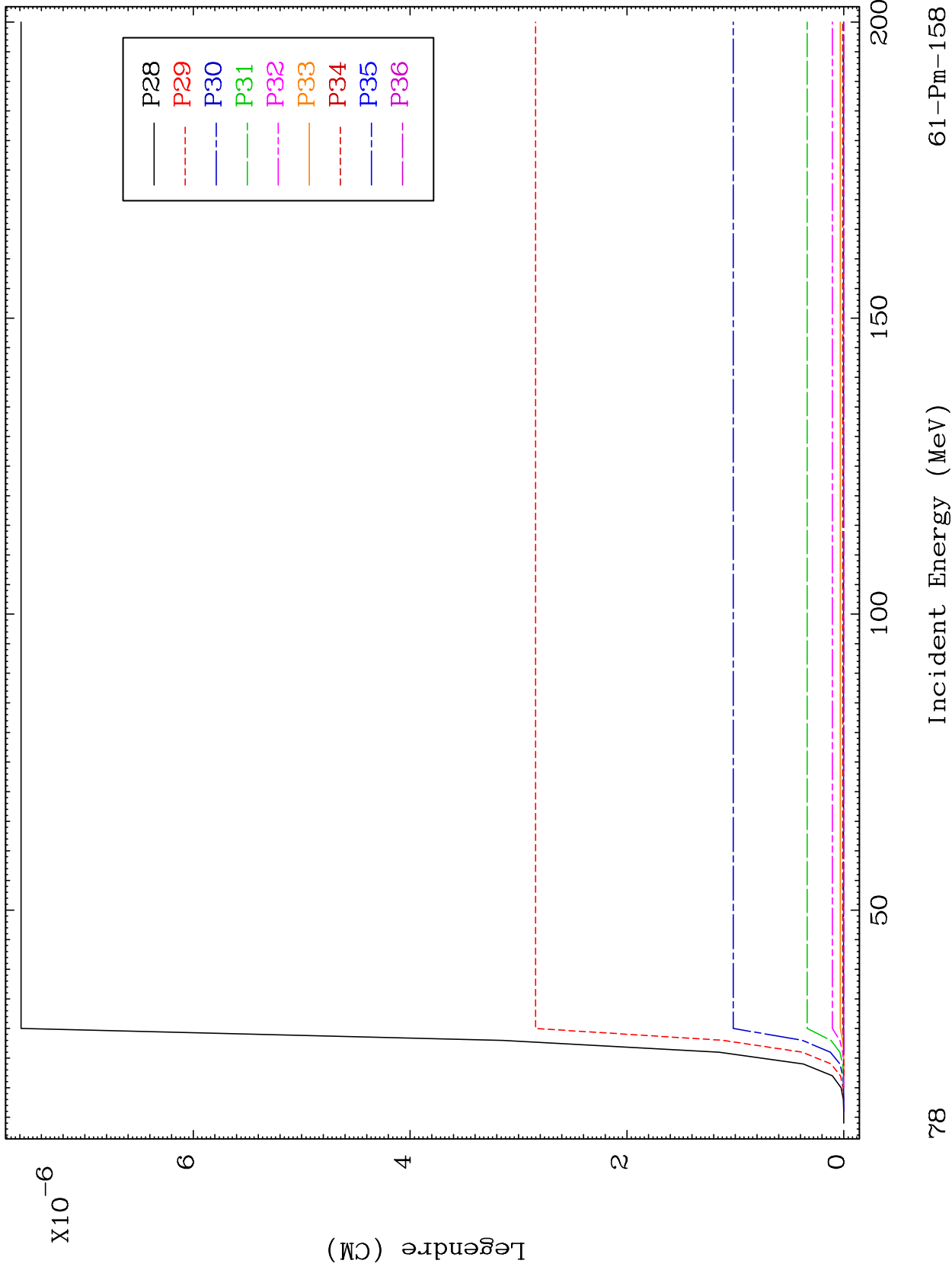
61-Pm-158



MAT 6182

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

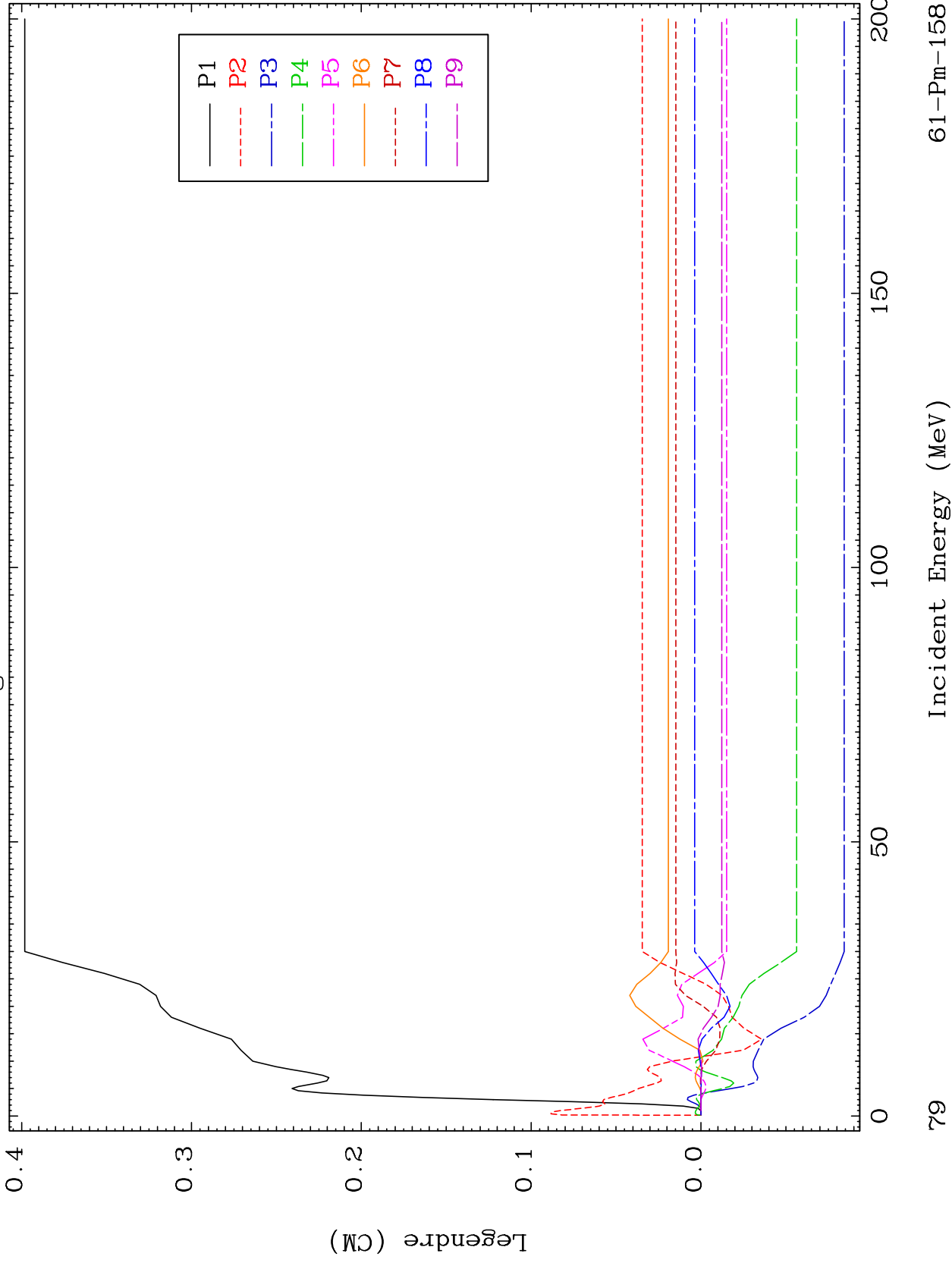
61-Pm-158



MAT 6182

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

61-Pm-158



61-Pm-158

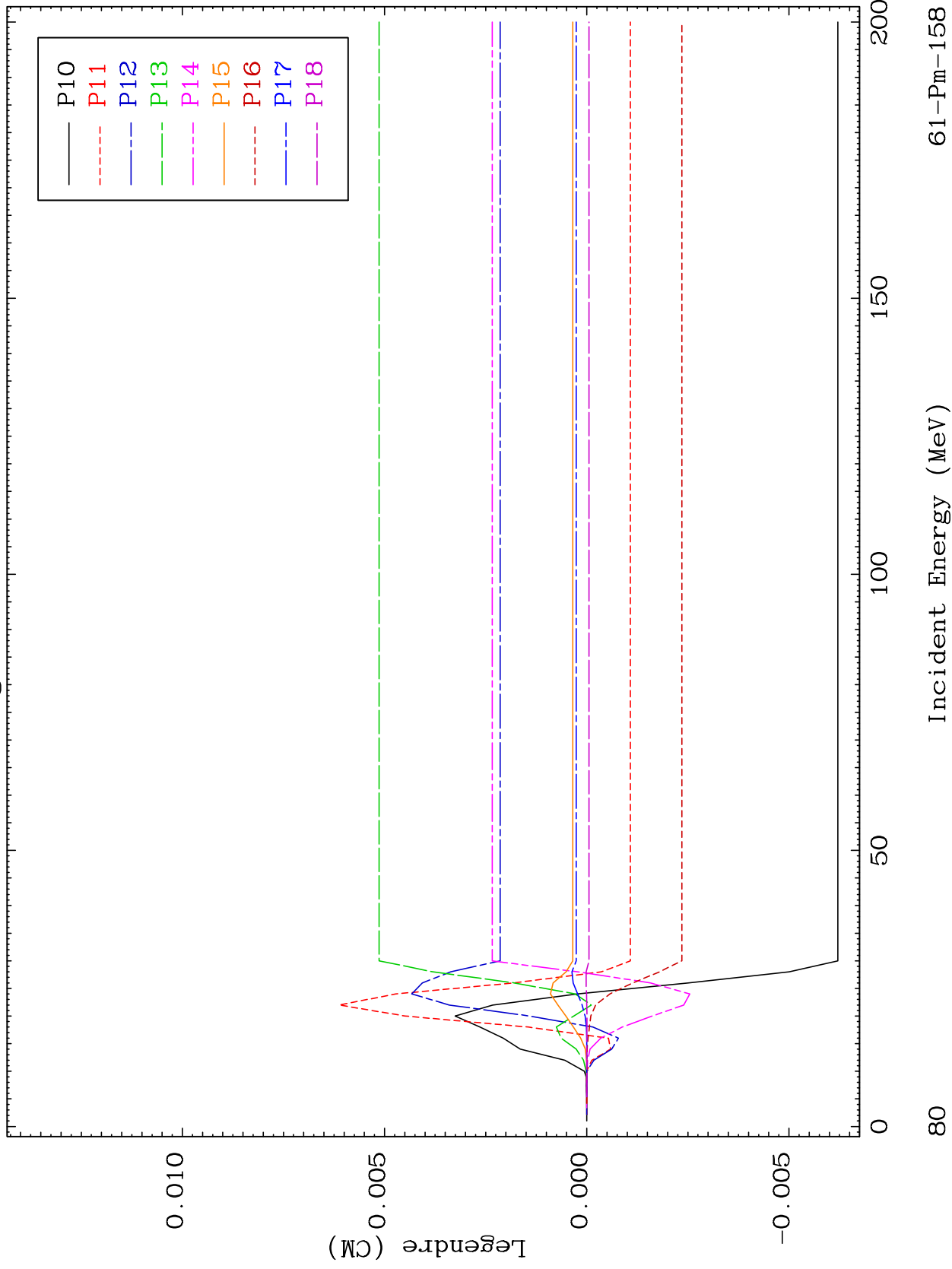
Incident Energy (MeV)

79

MAT 6182

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

61-Pm-158



61-Pm-158

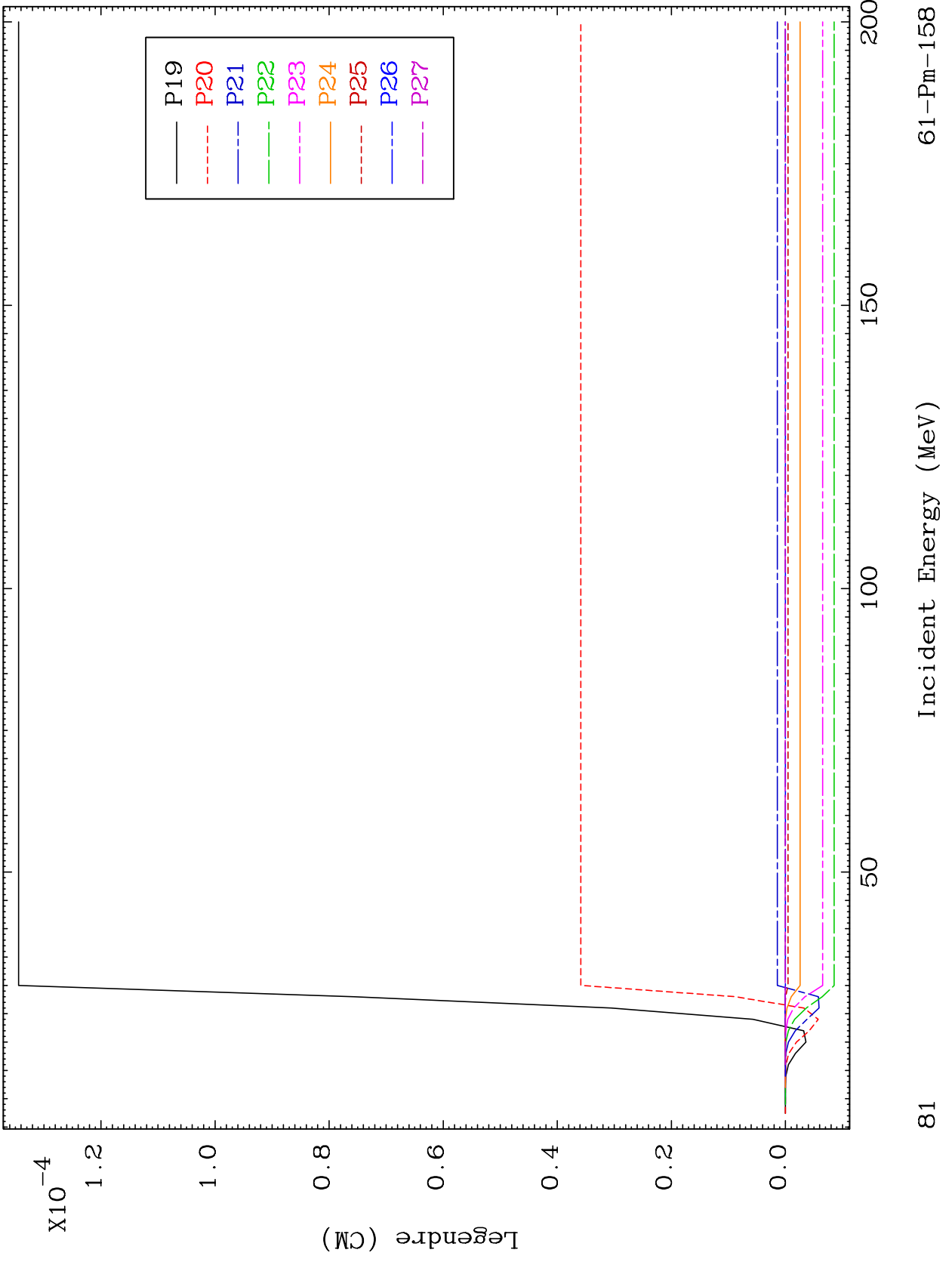
Incident Energy (MeV)

80

MAT 6182

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

61-Pm-158

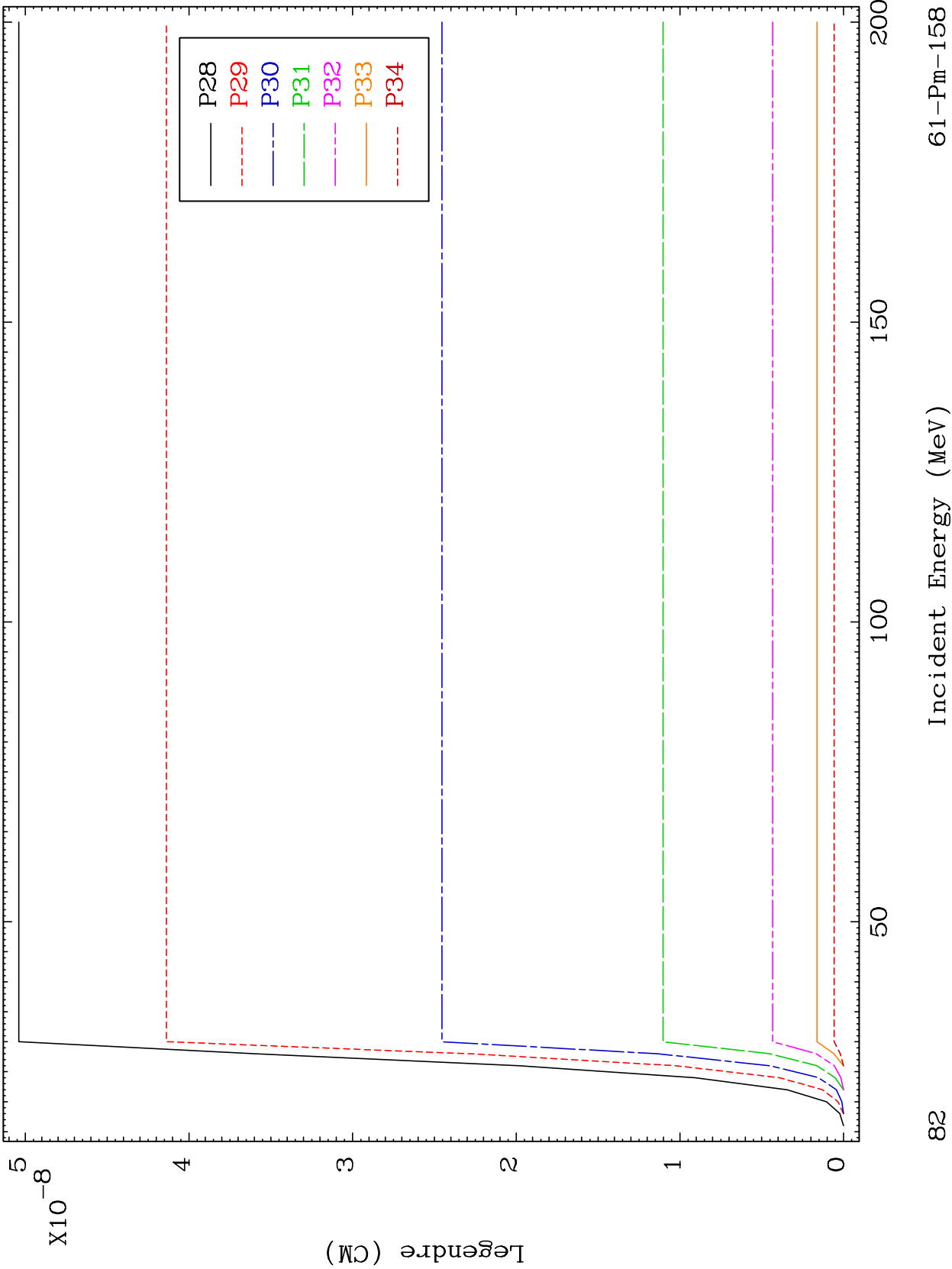


81

MAT 6182

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

61-Pm-158



82

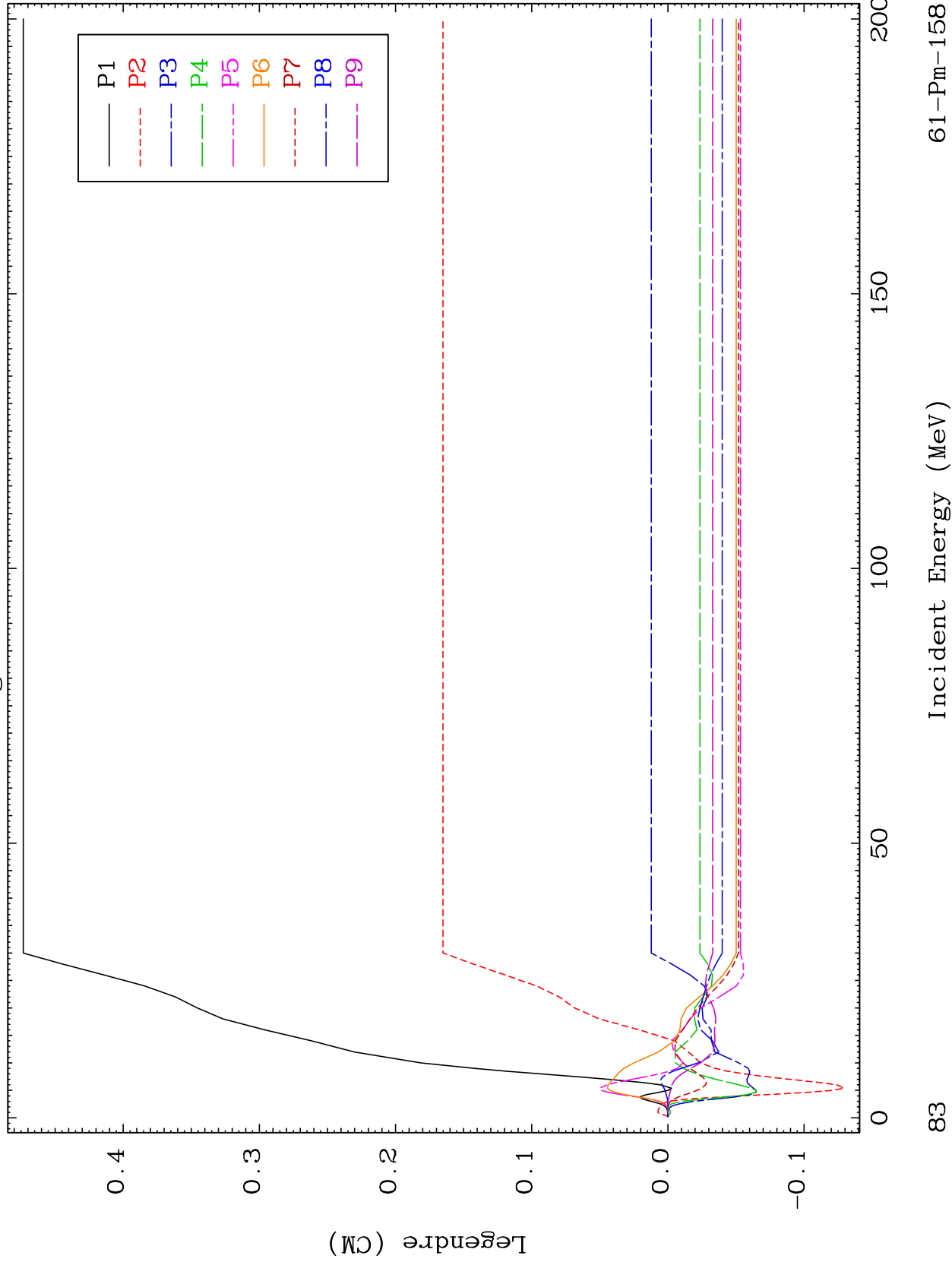
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



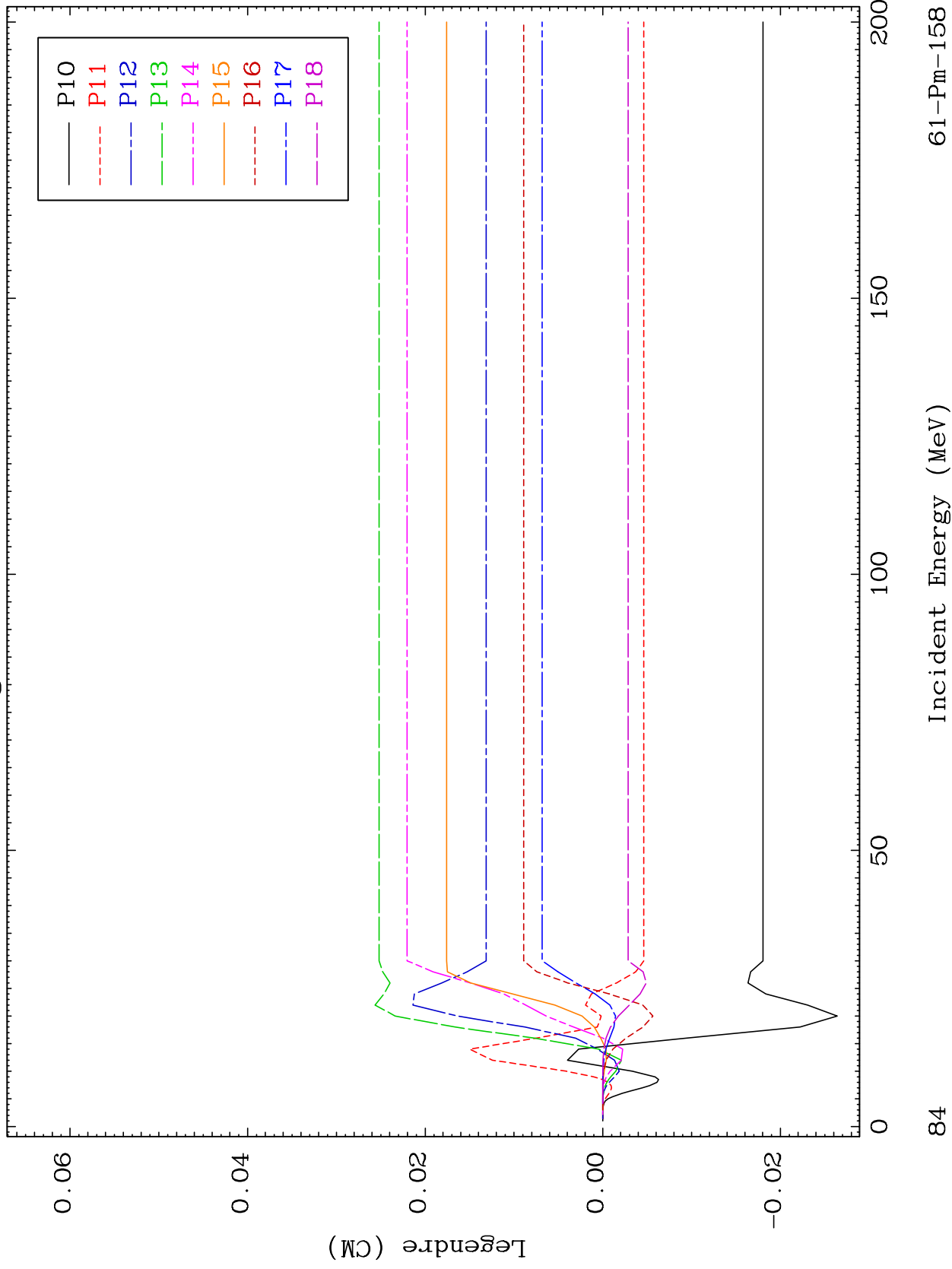
83

61-Pm-158

MAT 6182

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

61-Pm-158



61-Pm-158

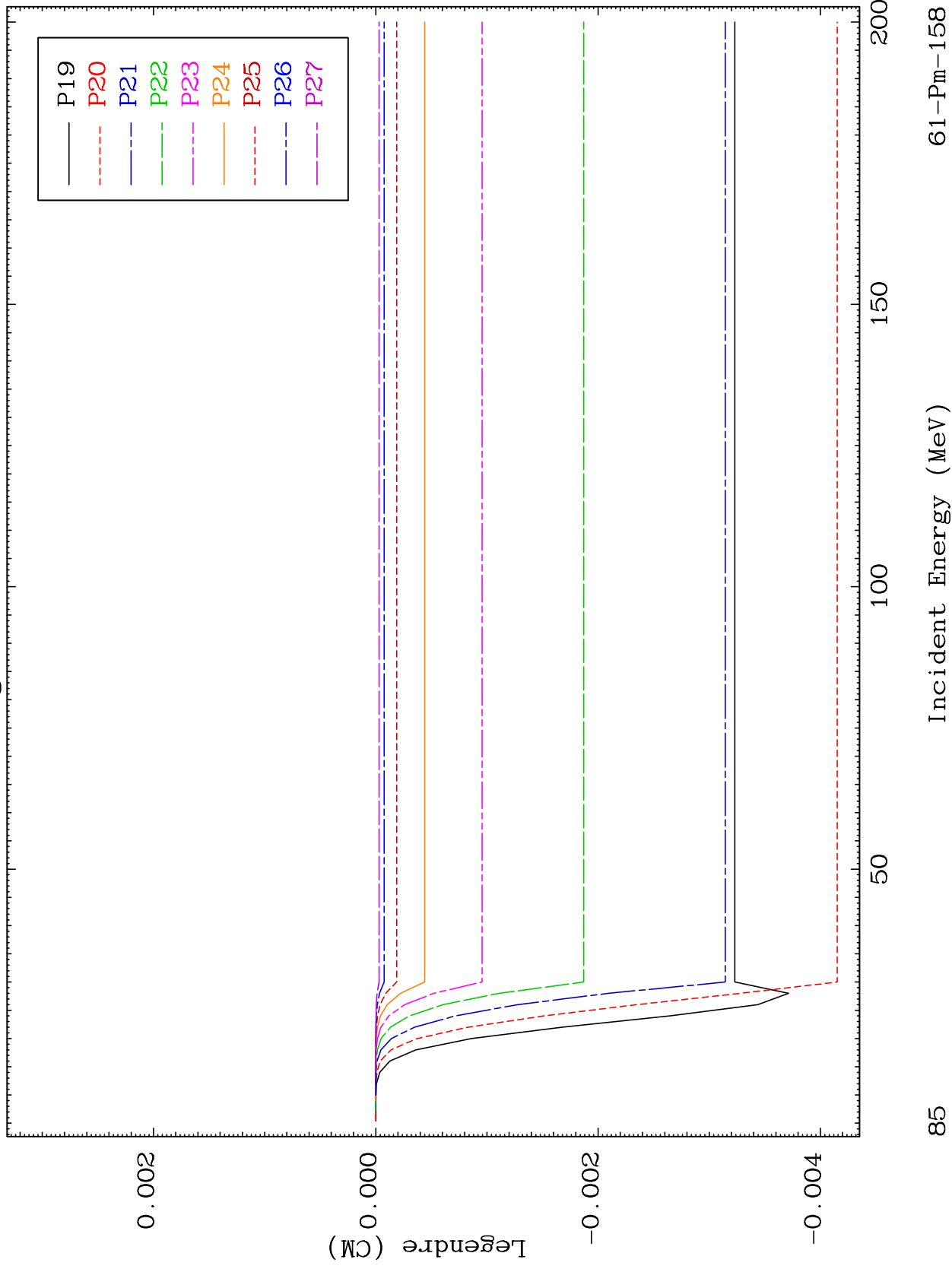
Incident Energy (MeV)

84

MAT 6182

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

61-Pm-158



85

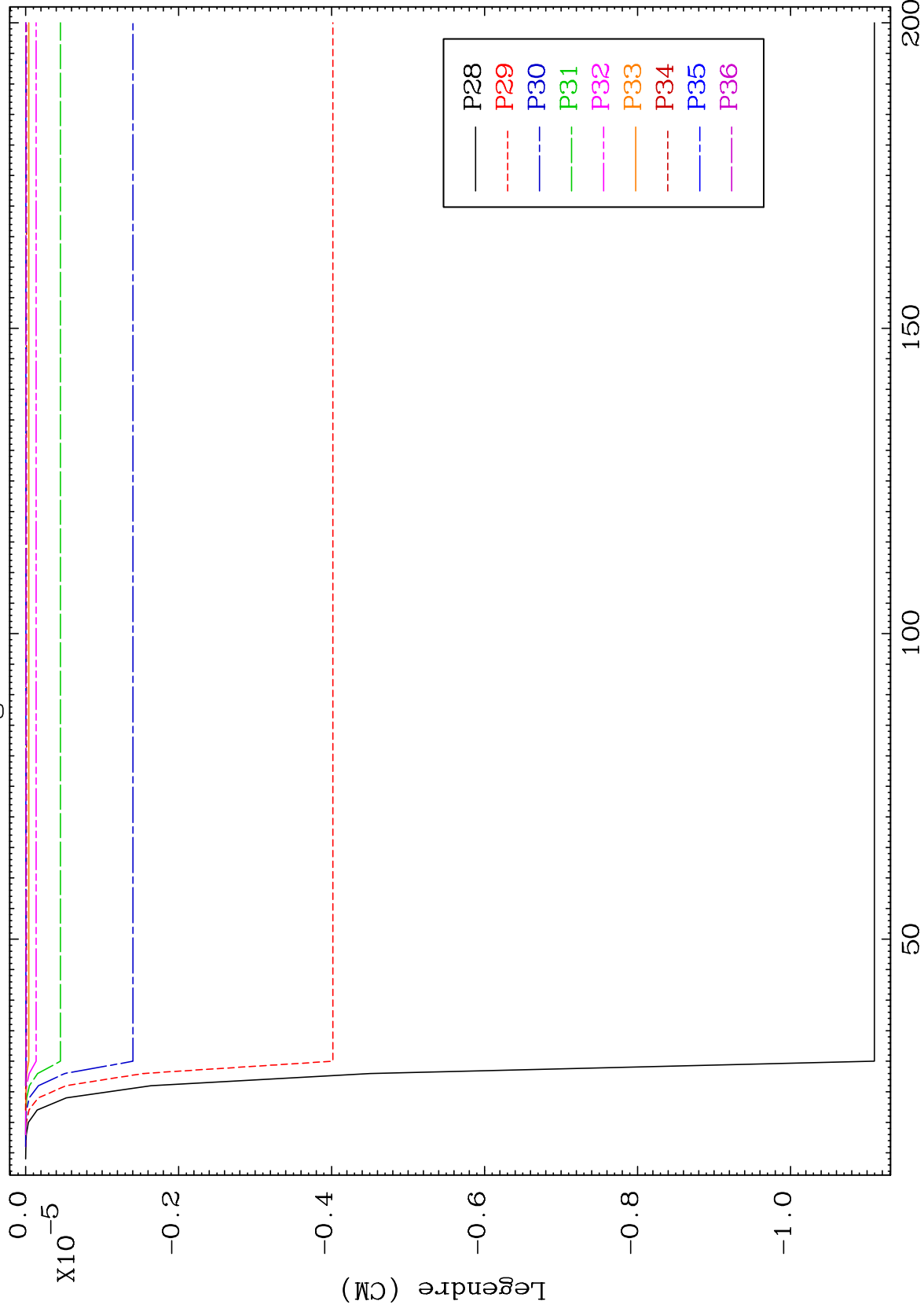
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



86

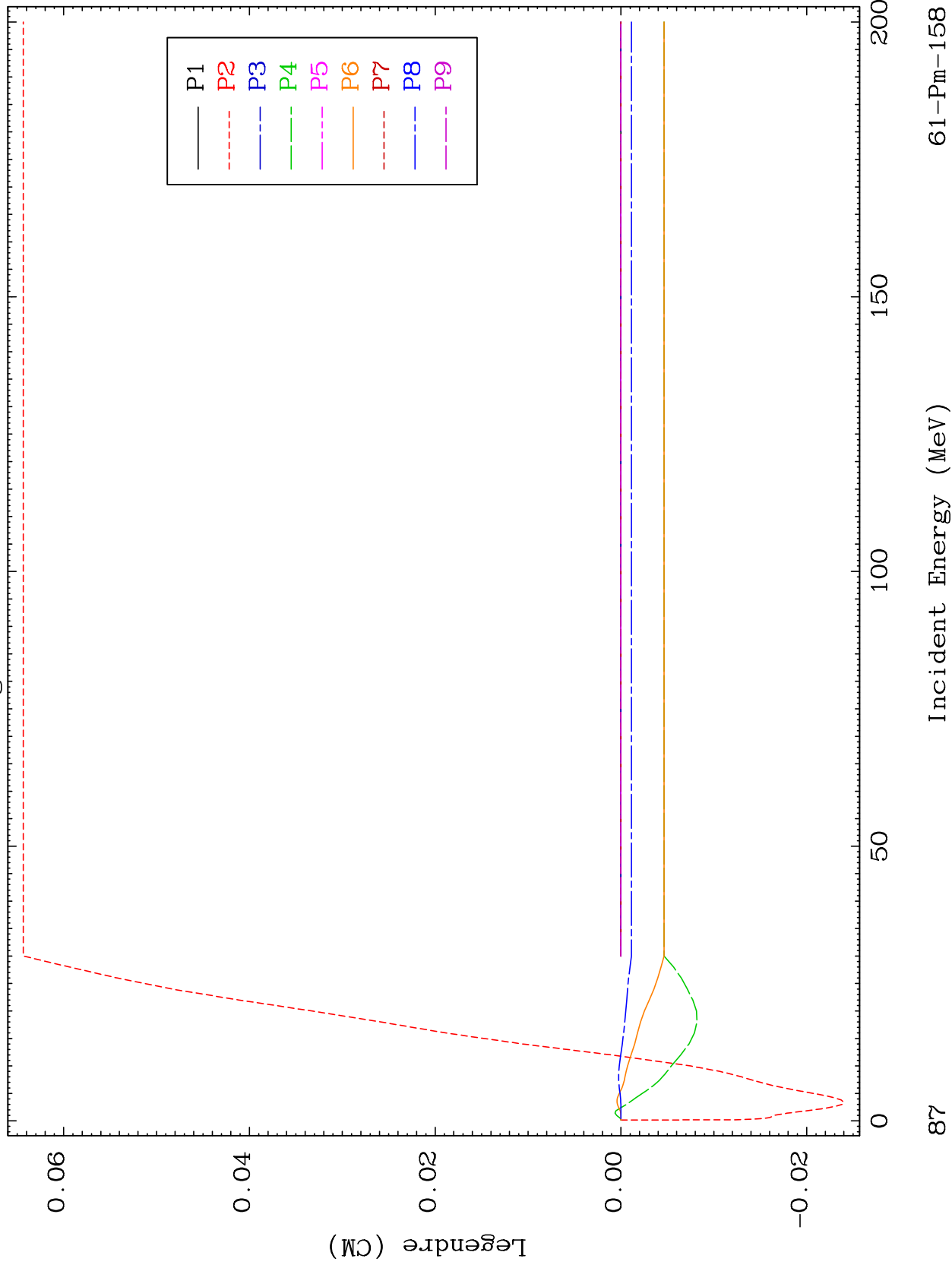
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



61-Pm-158

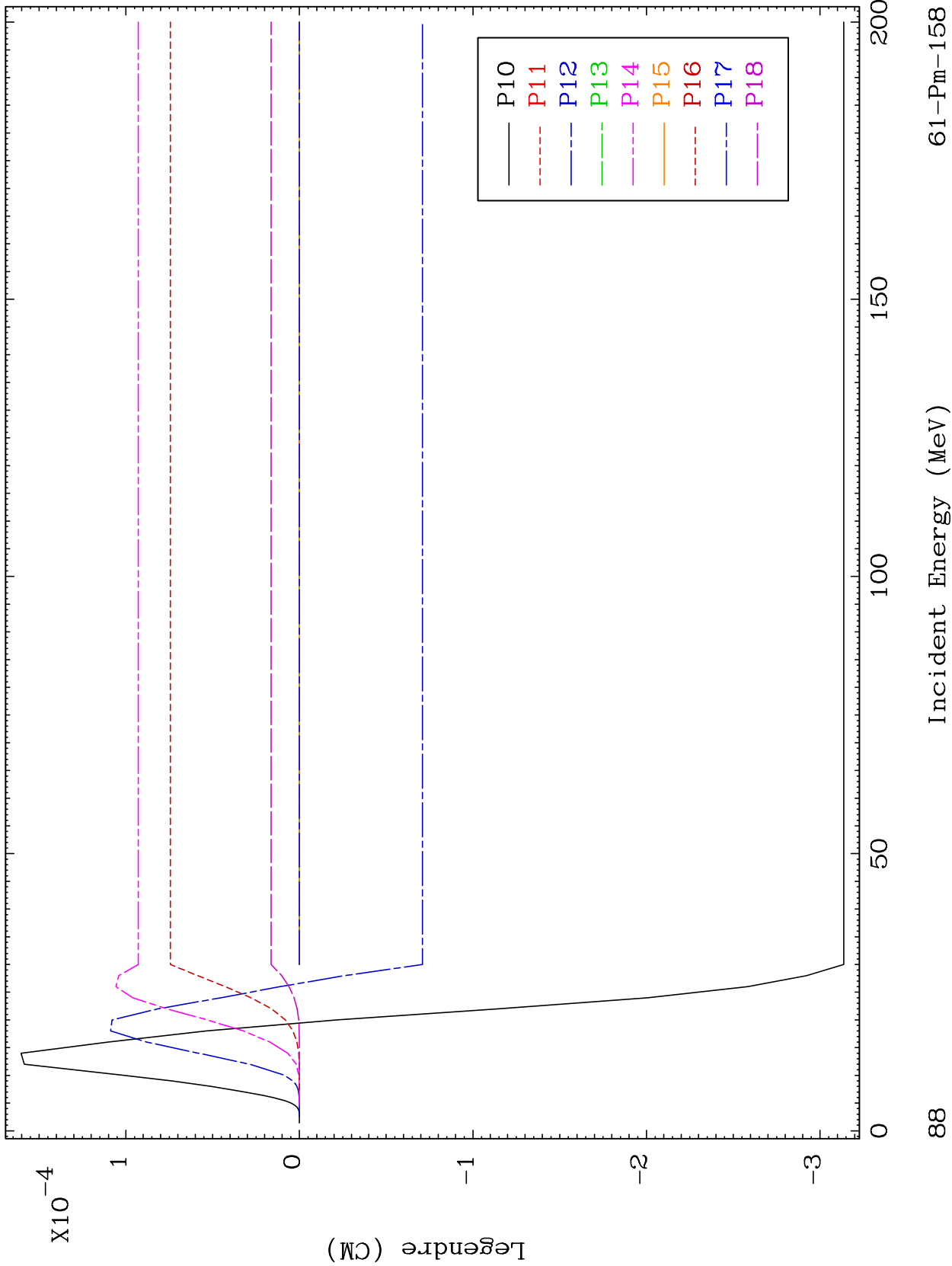
Incident Energy (MeV)

87

MAT 6182

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

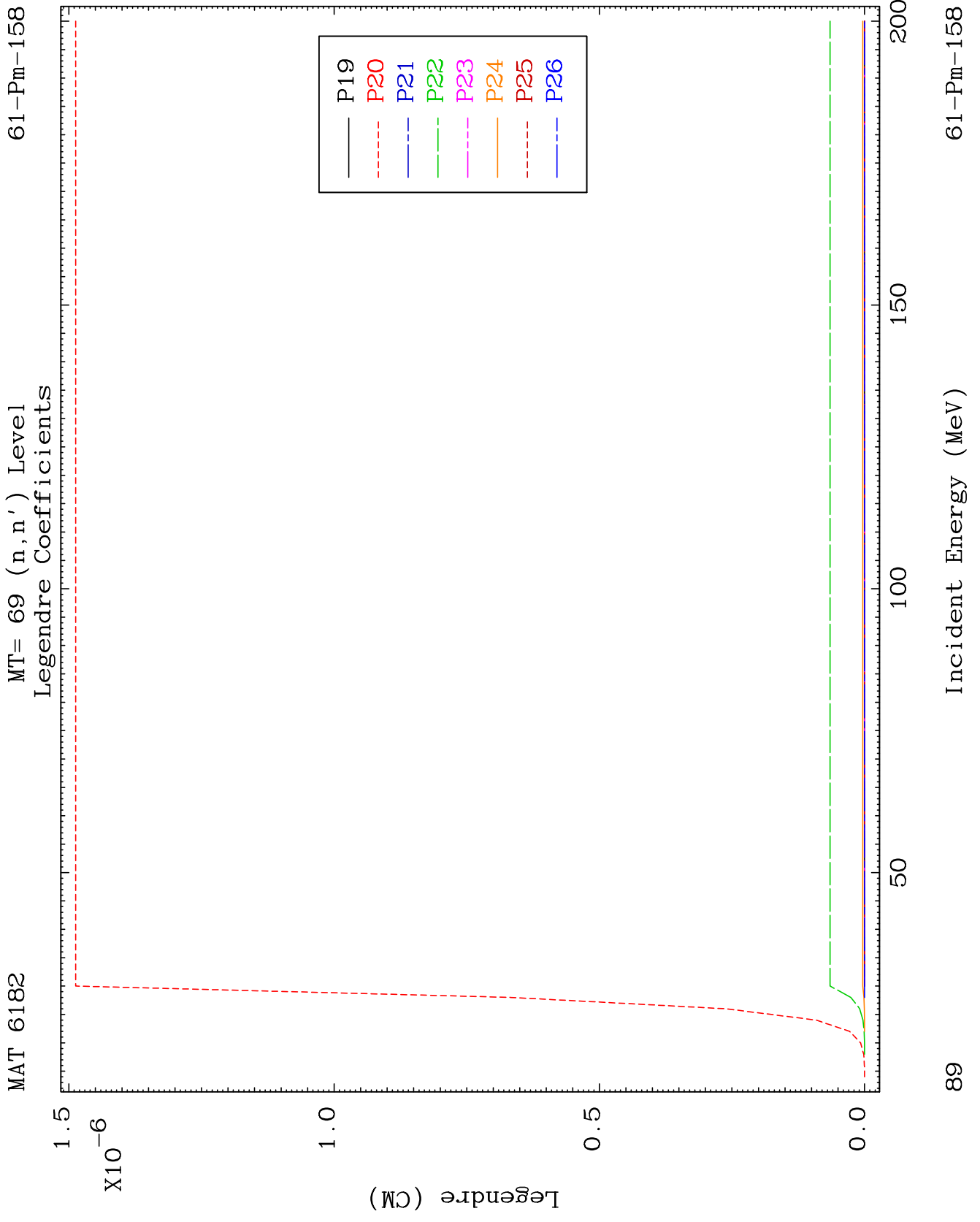
61-Pm-158



88

Incident Energy (MeV)

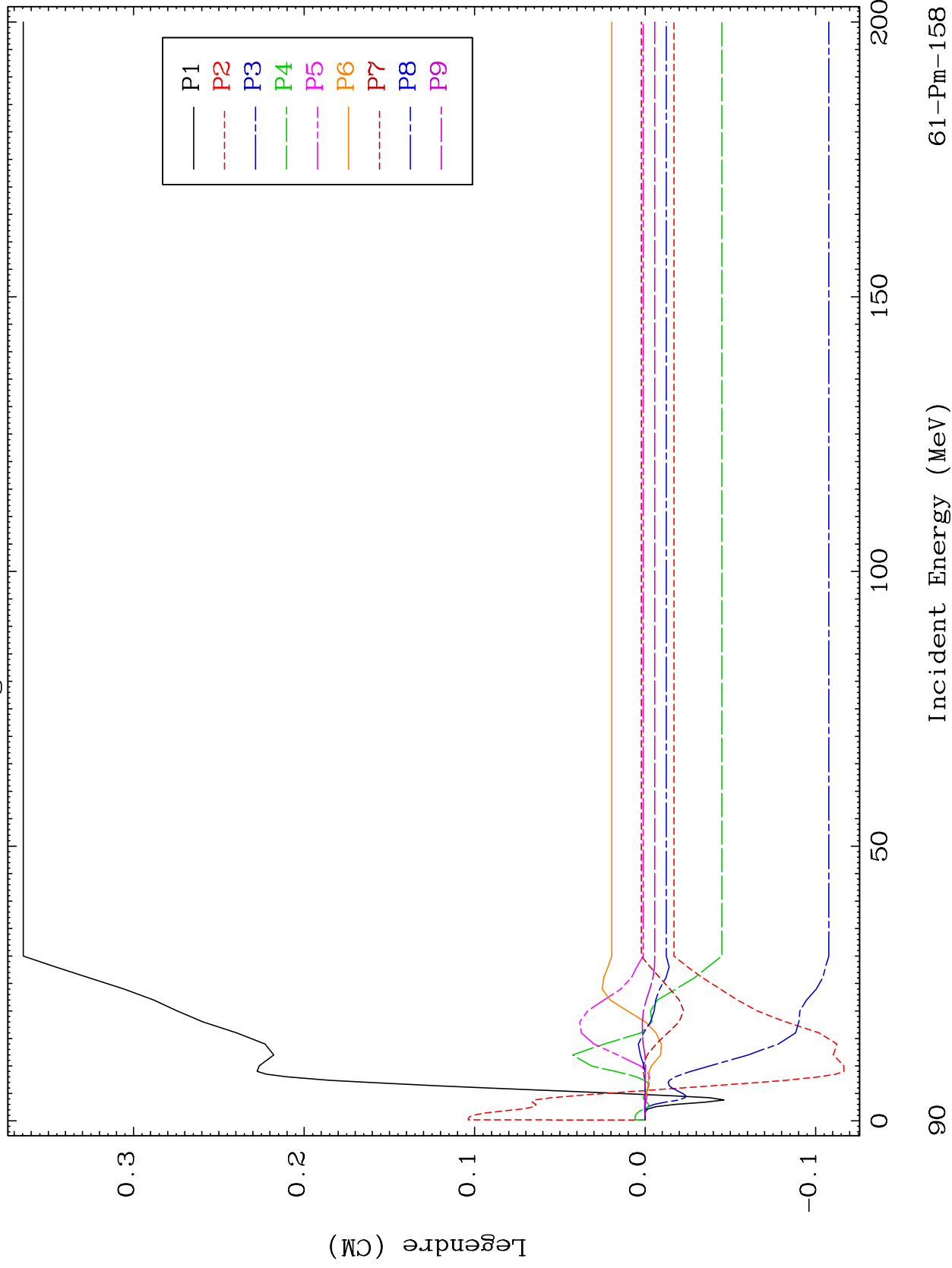
61-Pm-158



MAT 6182

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

61-Pm-158



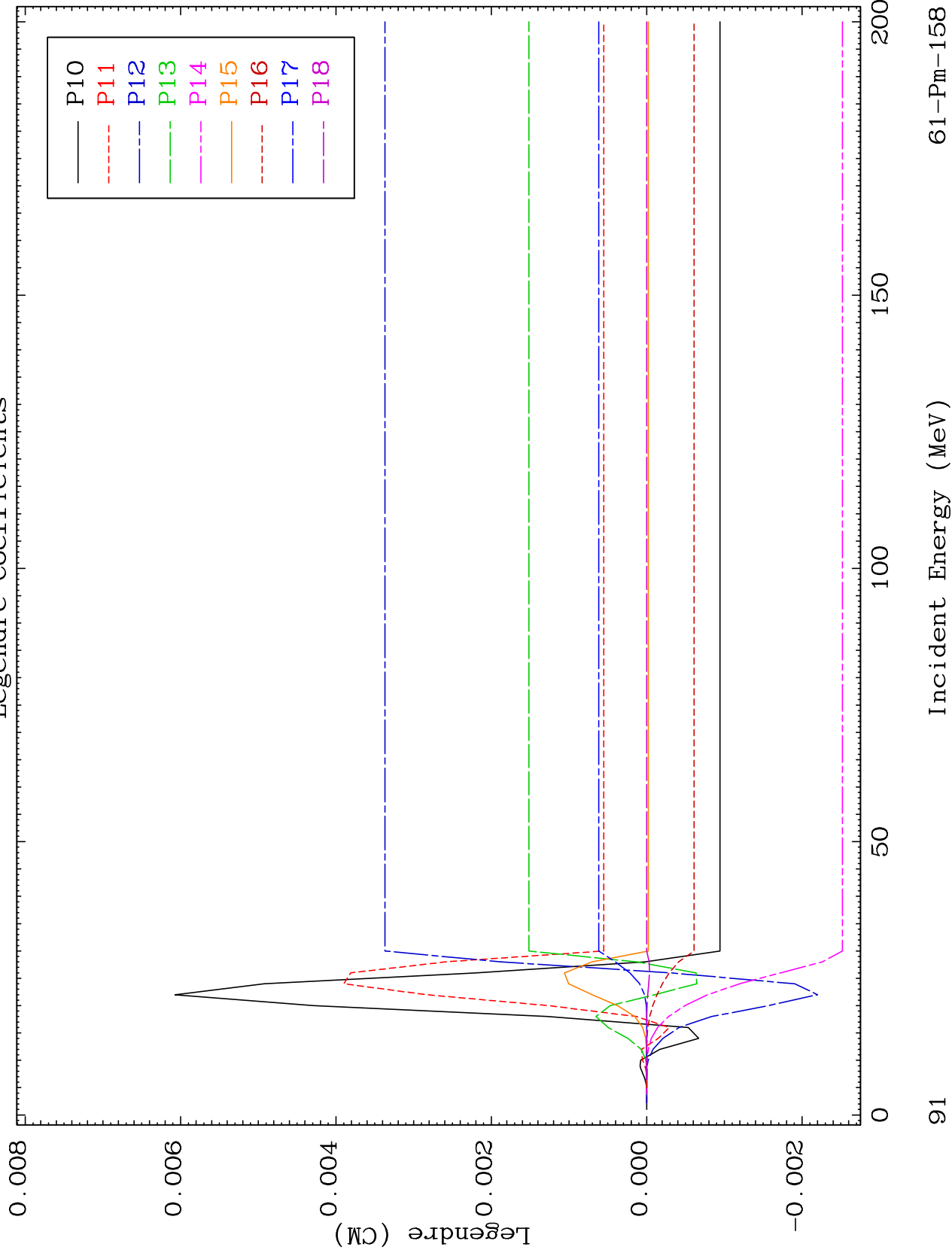
61-Pm-158

Incident Energy (MeV)

MAT 6182

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

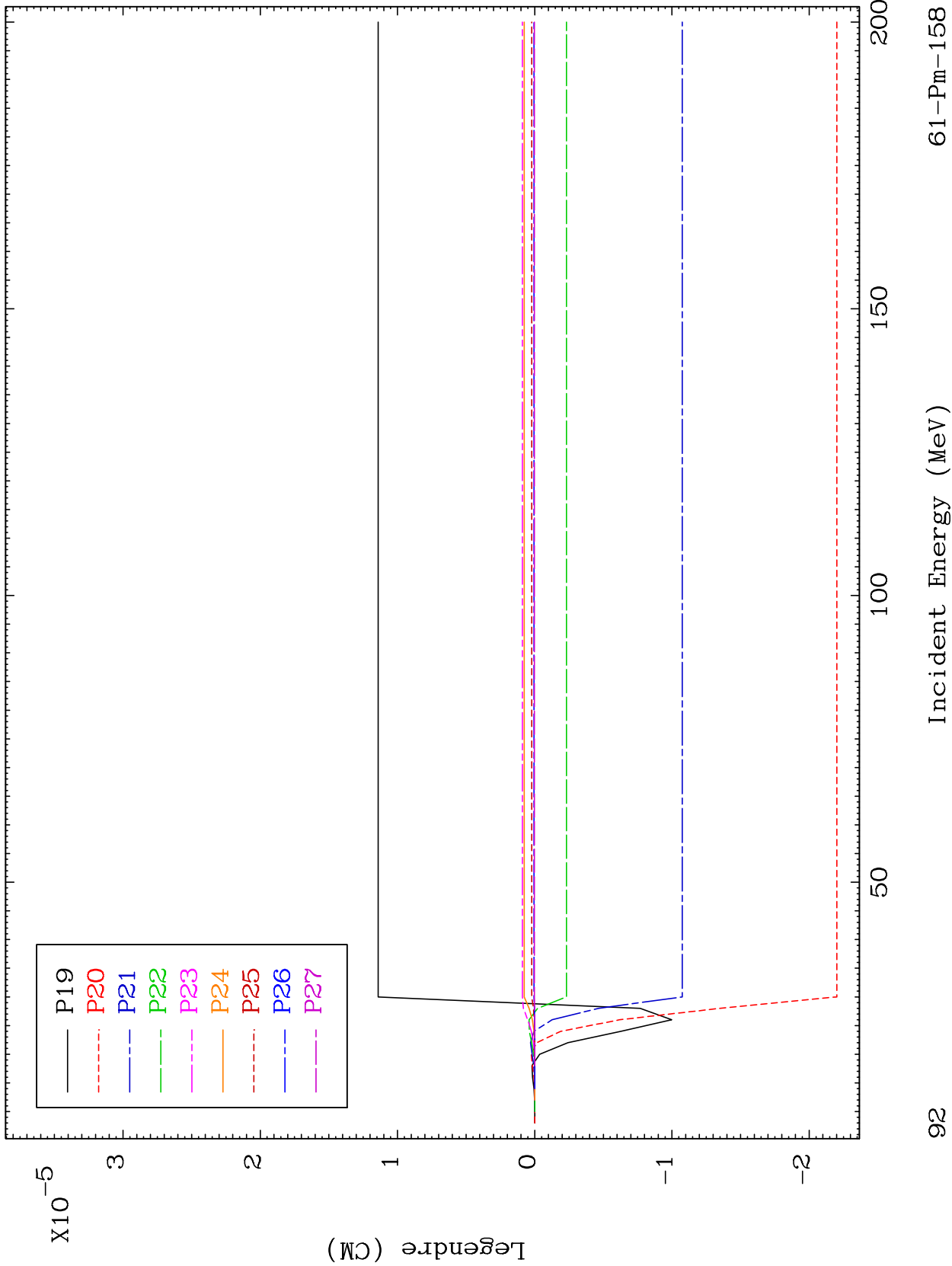
61-Pm-158



91

Incident Energy (MeV)

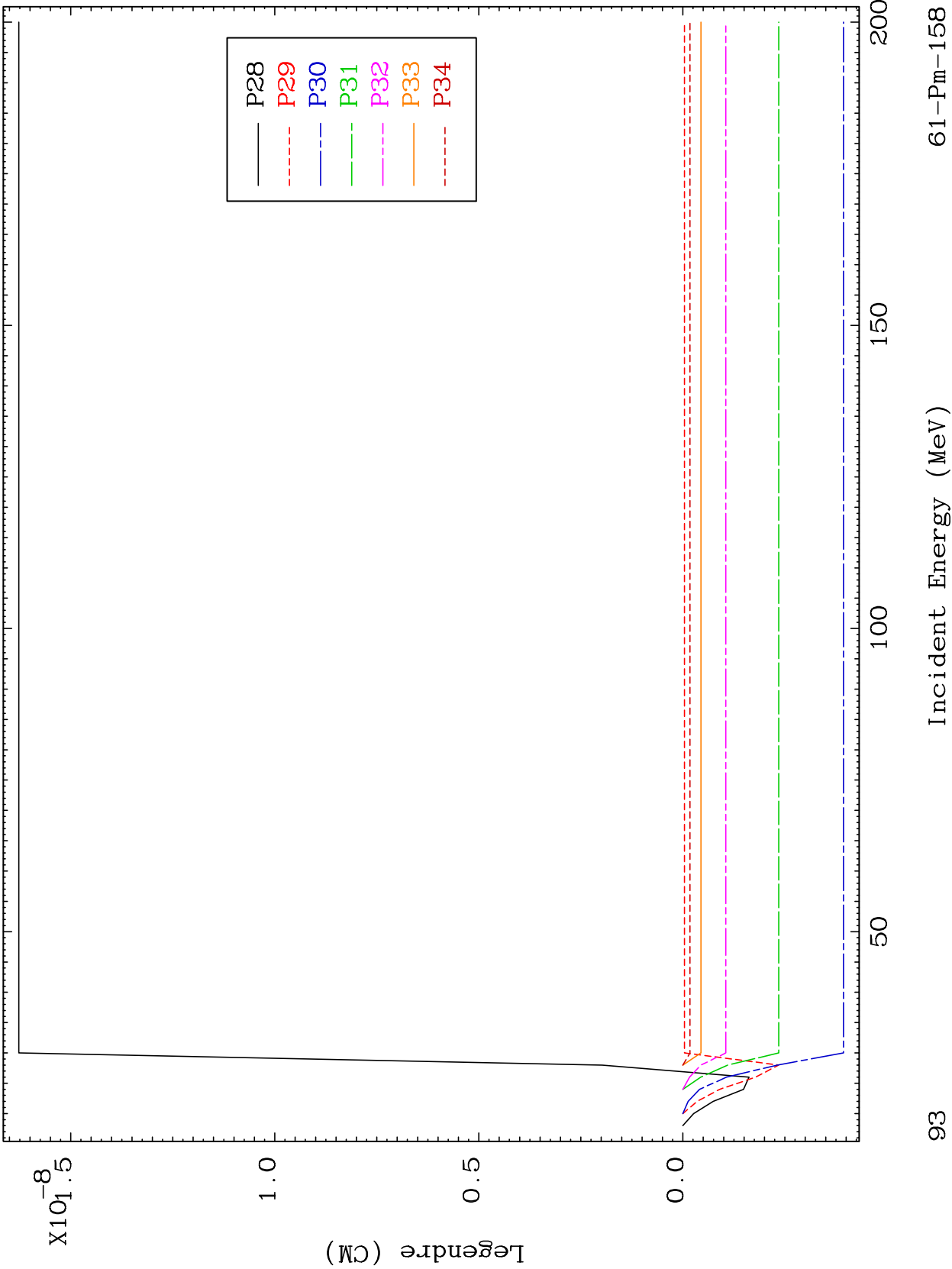
61-Pm-158



MAT 6182

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

61-Pm-158



93

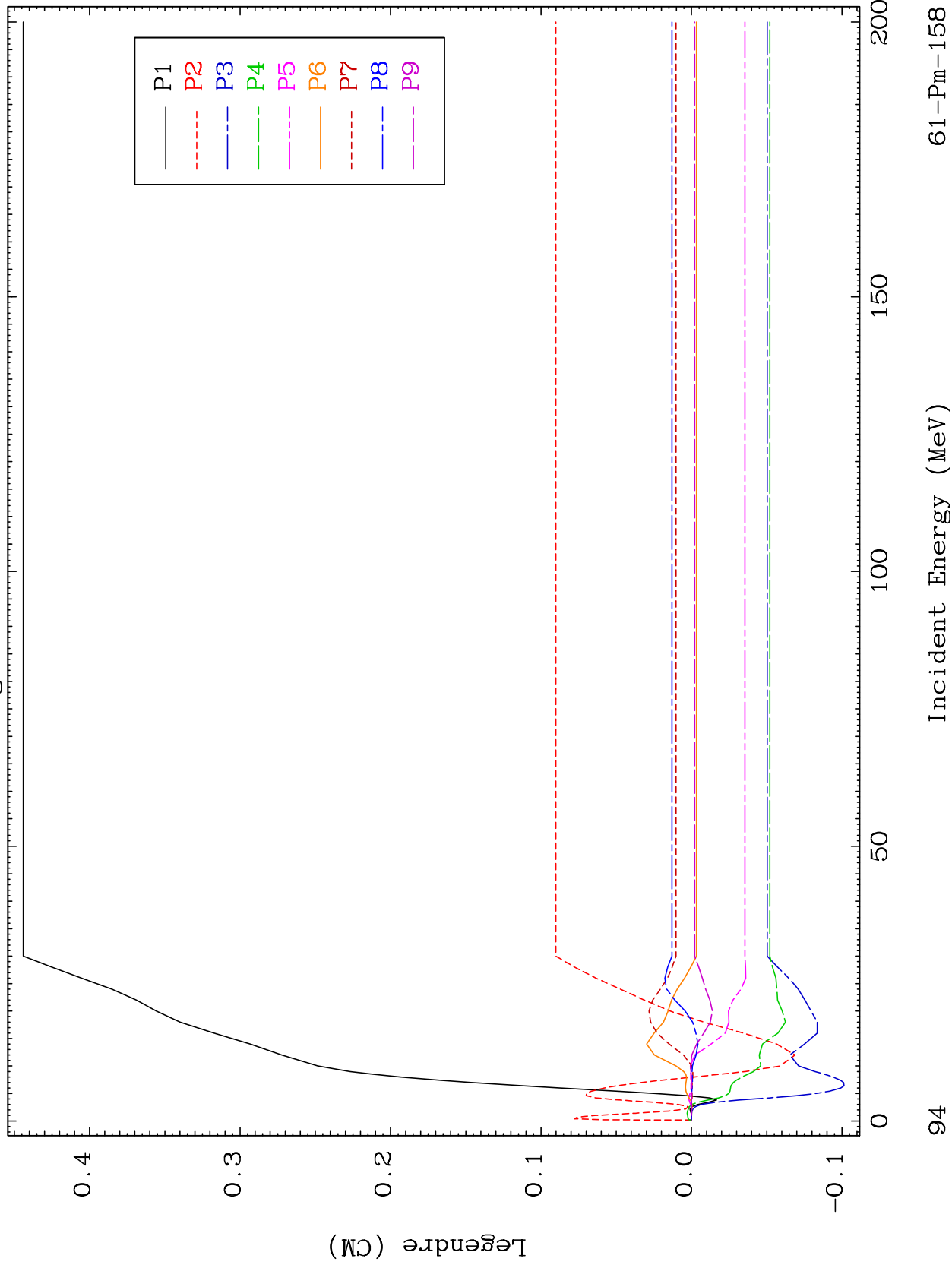
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



61-Pm-158

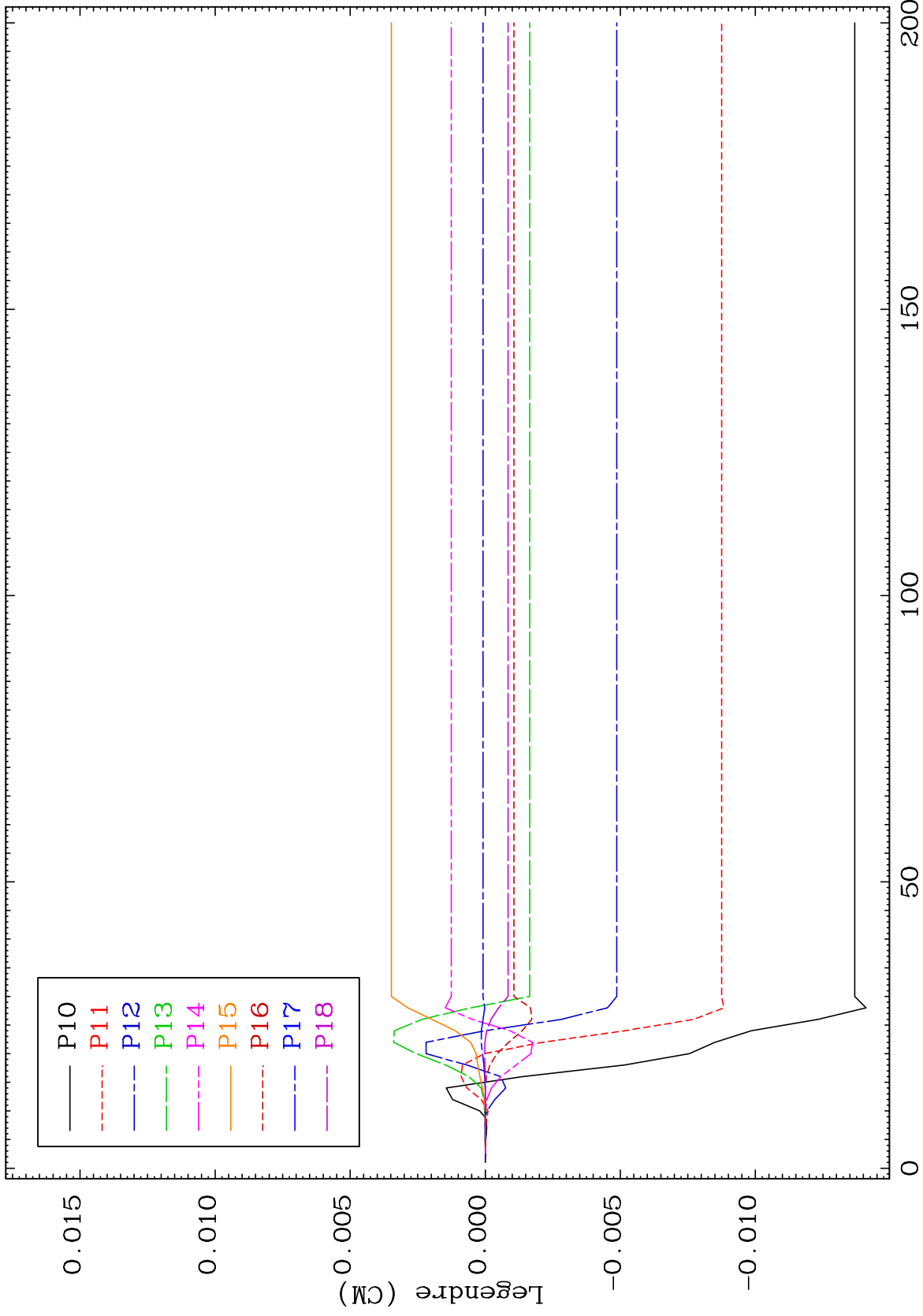
Incident Energy (MeV)

94

MAT 6182

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

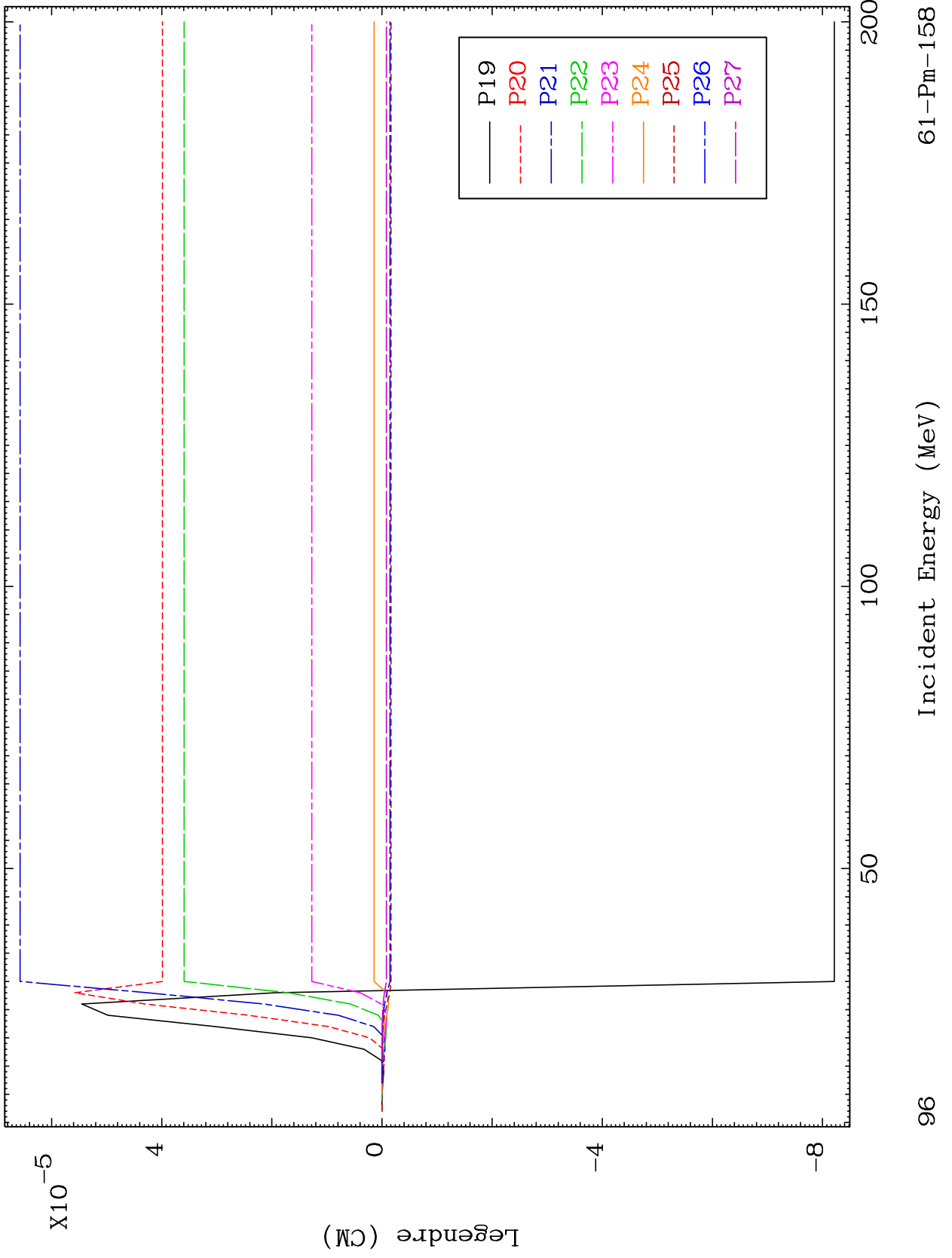
61-Pm-158



95

Incident Energy (MeV)

61-Pm-158

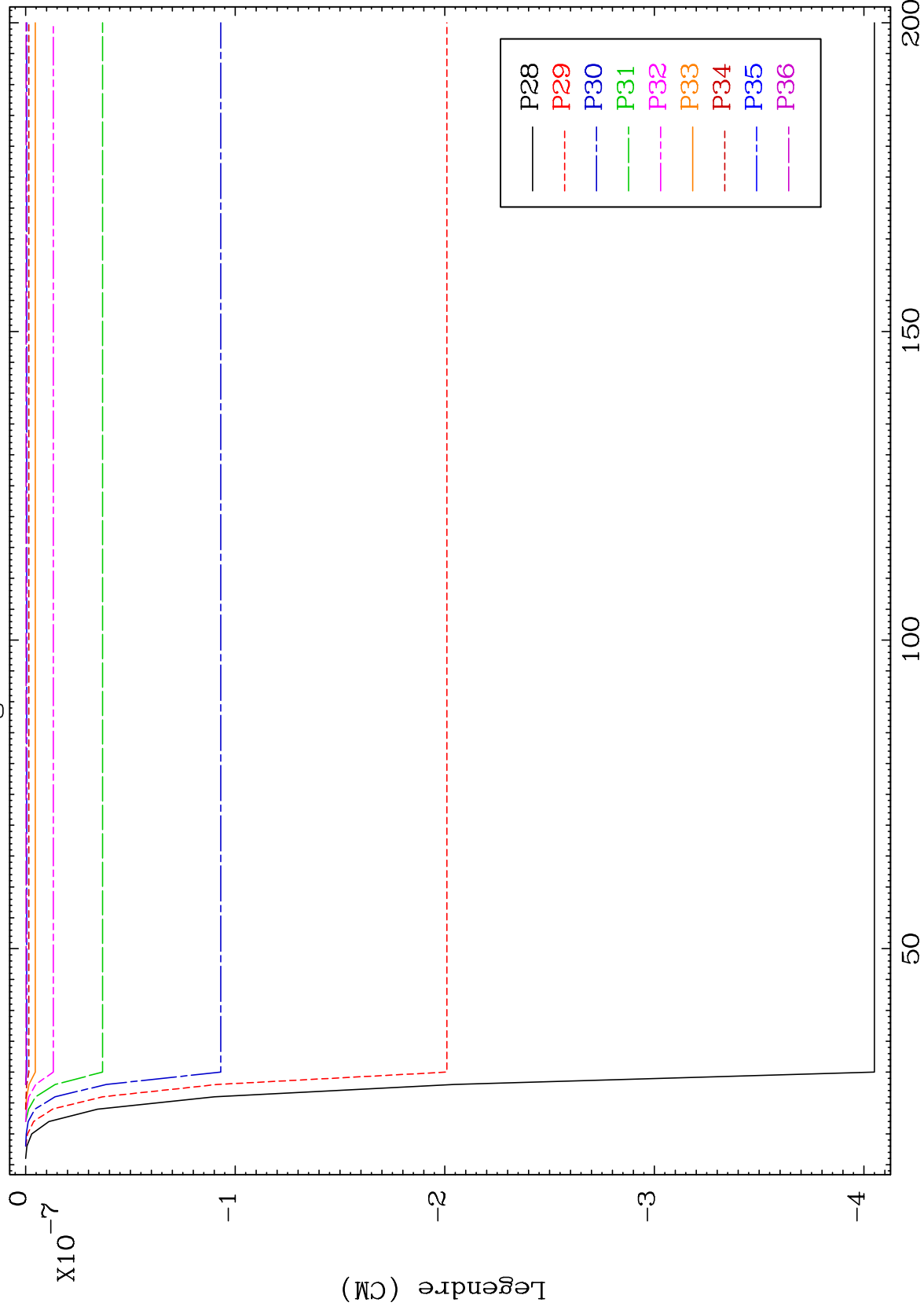


MAT 6182

MT= 71 (n,n') Level

61-Pm-158

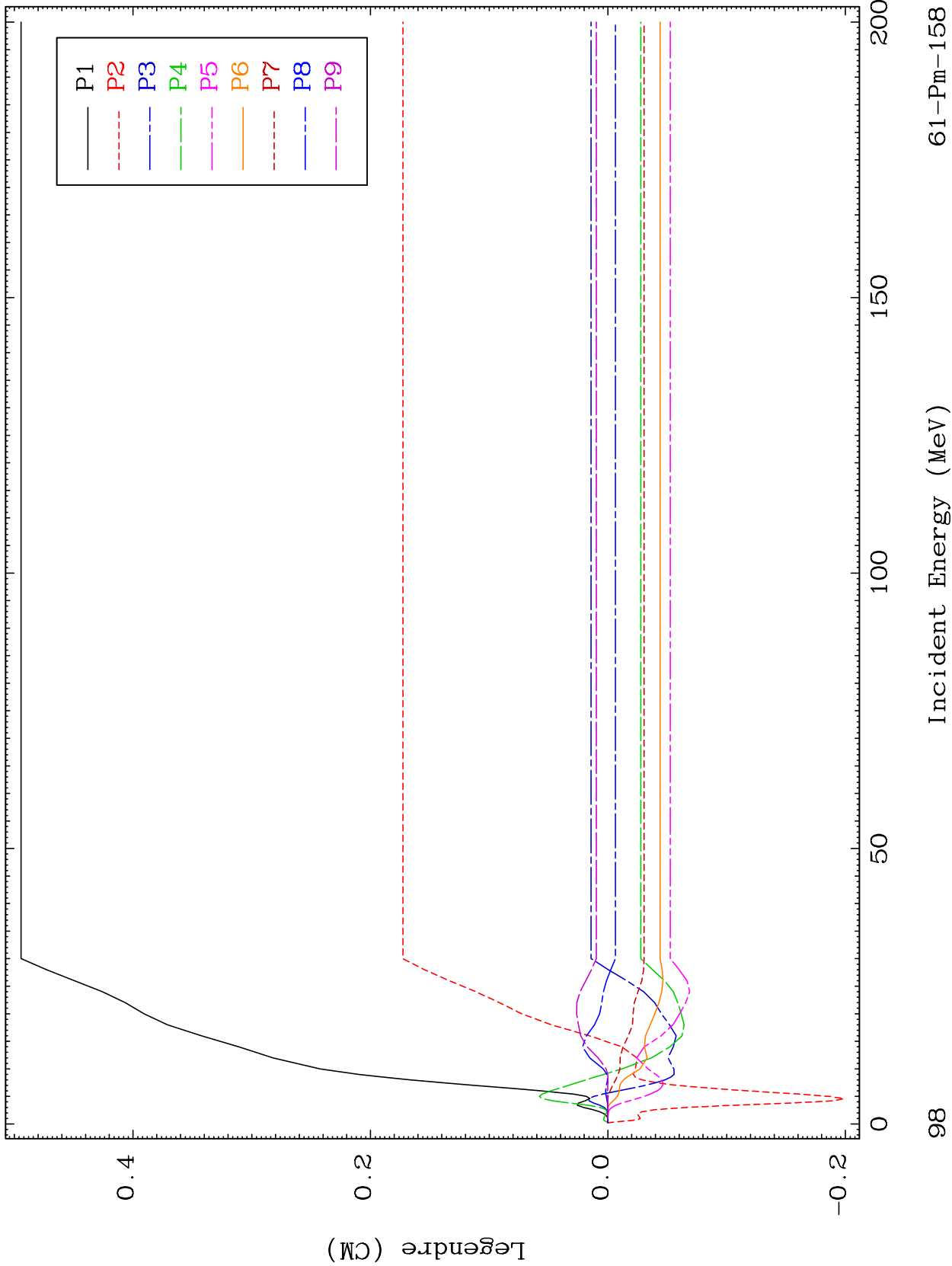
Legendre Coefficients



MAT 6182

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

61-Pm-158



61-Pm-158

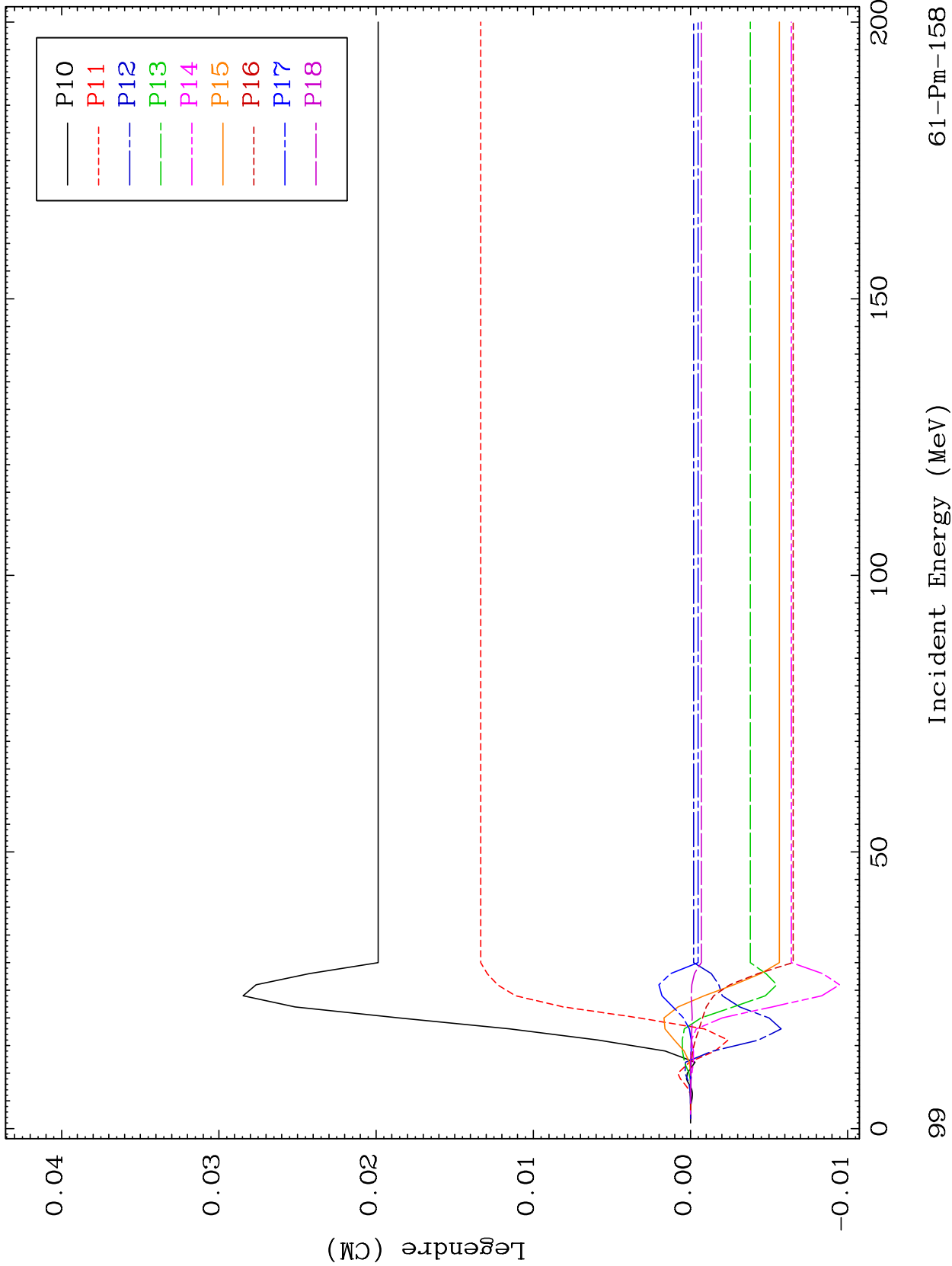
Incident Energy (MeV)

98

MAT 6182

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

61-Pm-158



99

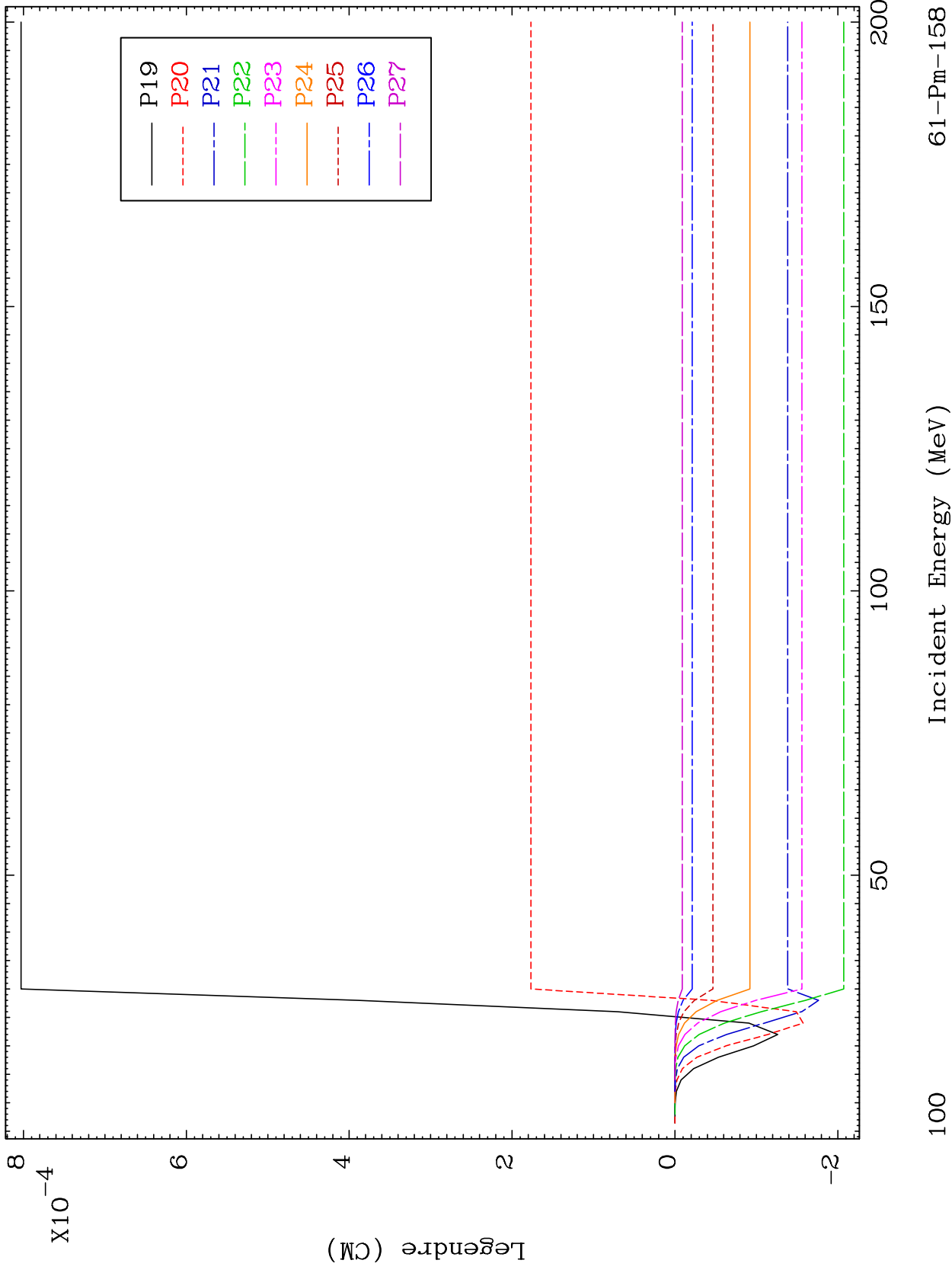
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158

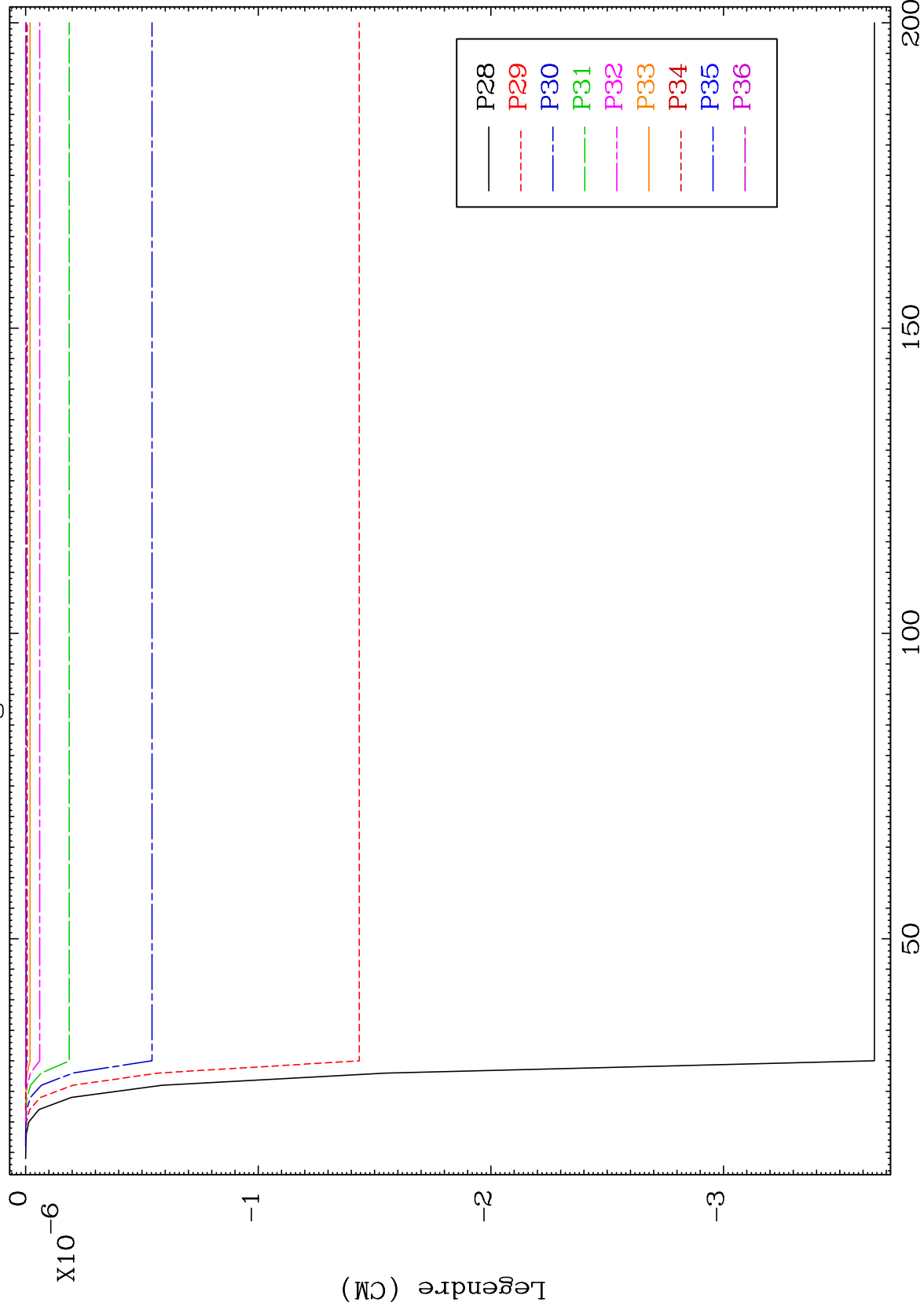


MAT 6182

MT= 72 (n,n') Level

61-Pm-158

Legendre Coefficients



101

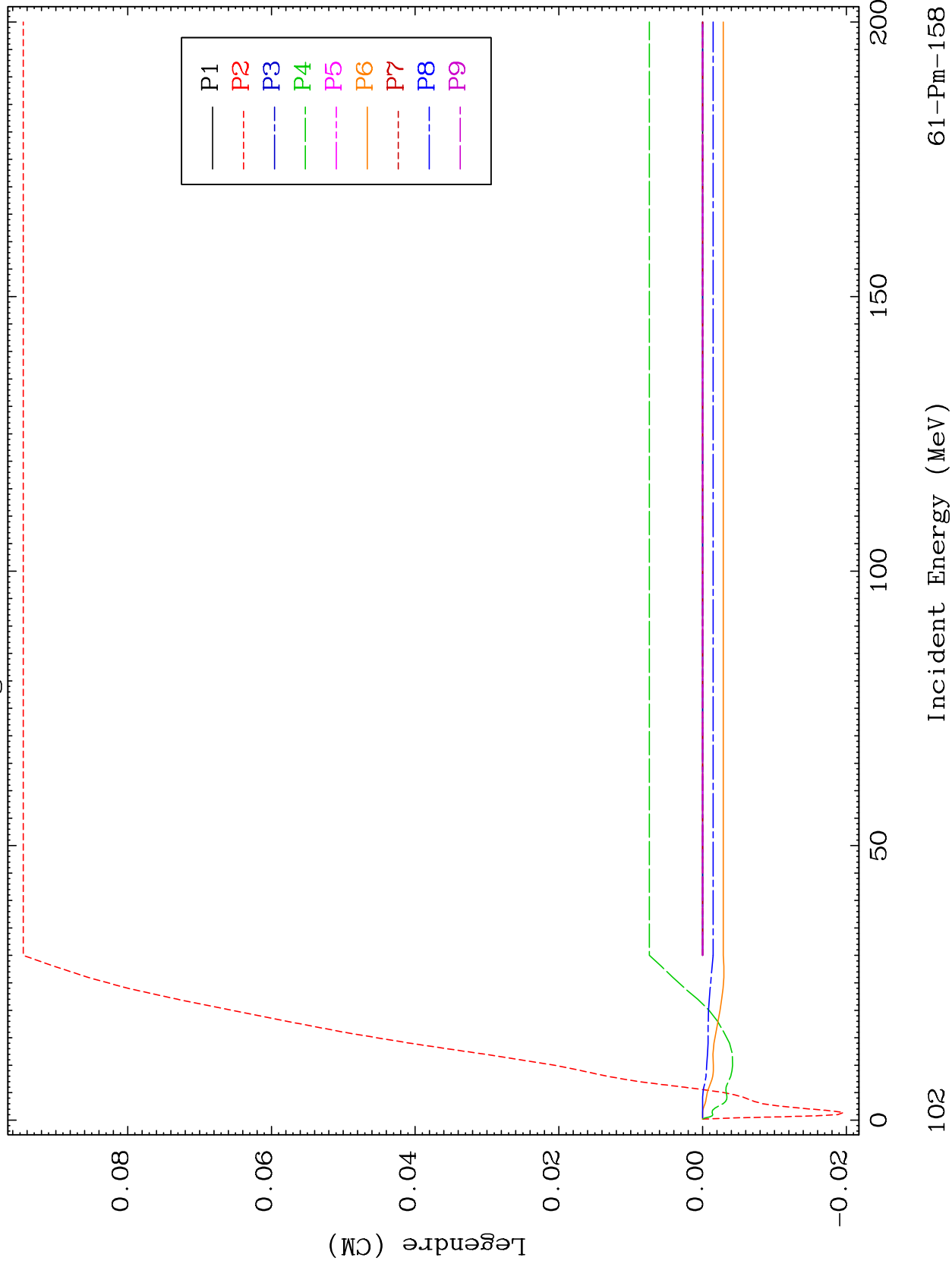
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

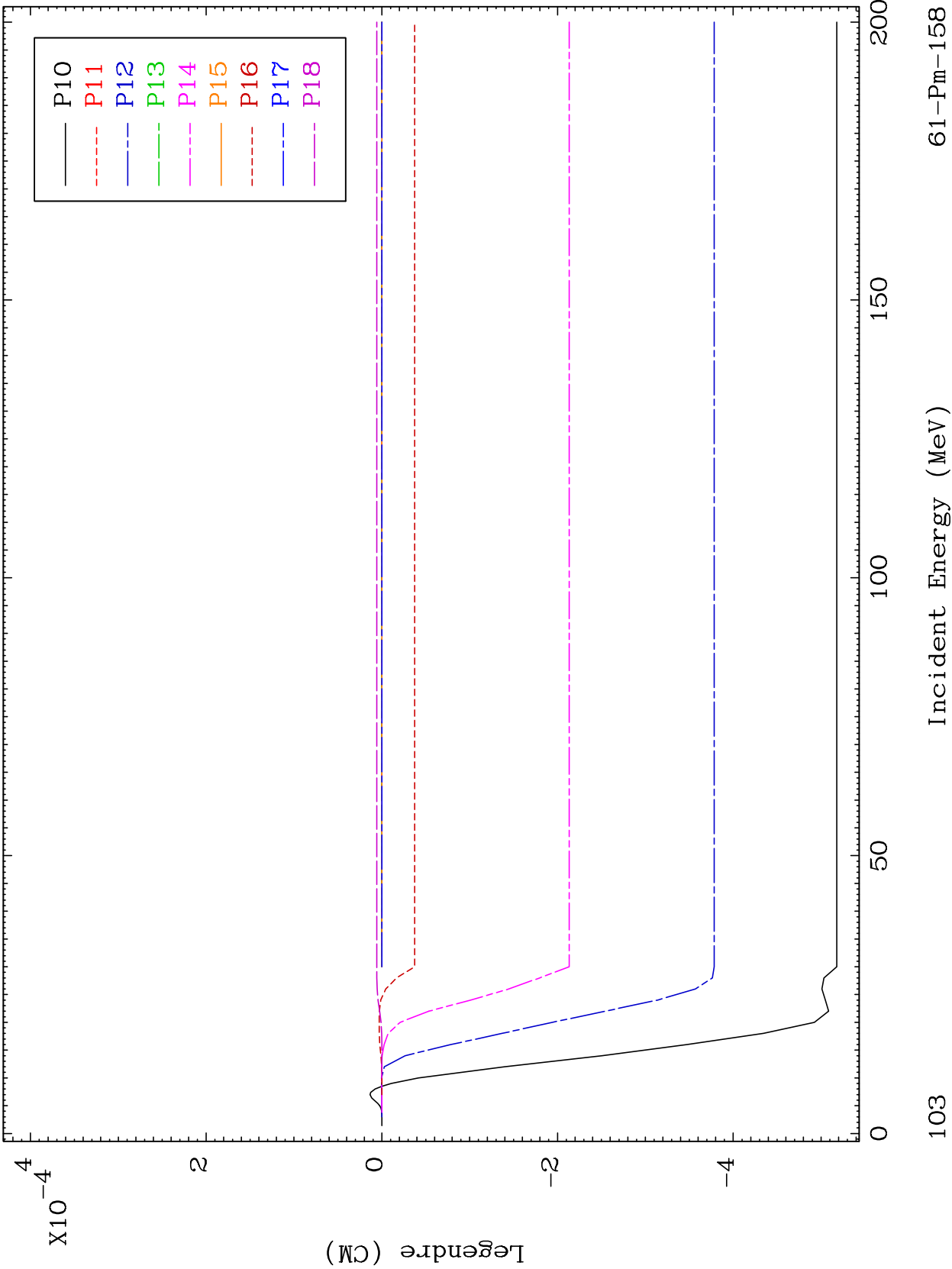
61-Pm-158



MAT 6182

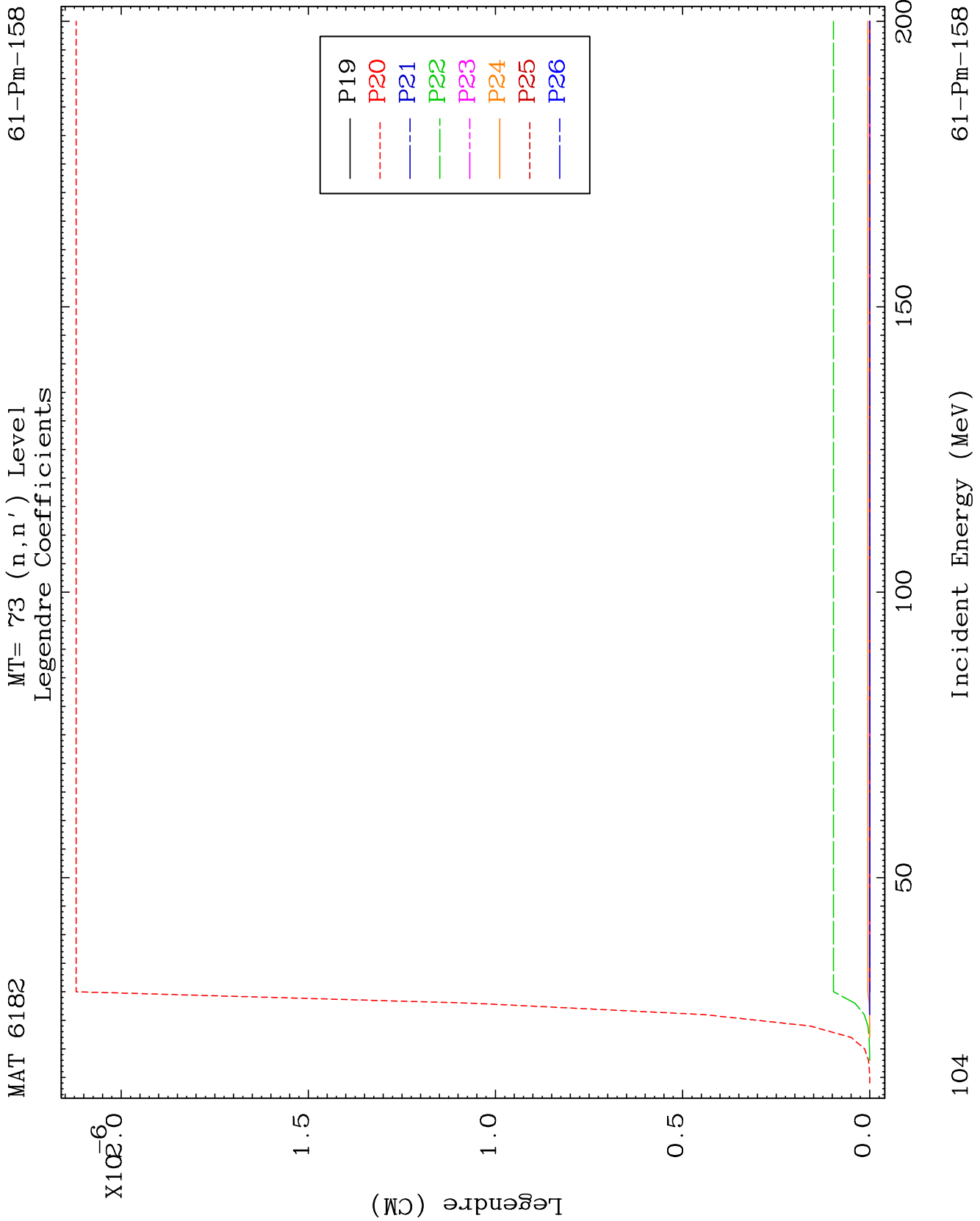
MT= 73 (n,n') Level
Legendre Coefficients

61-Pm-158



103

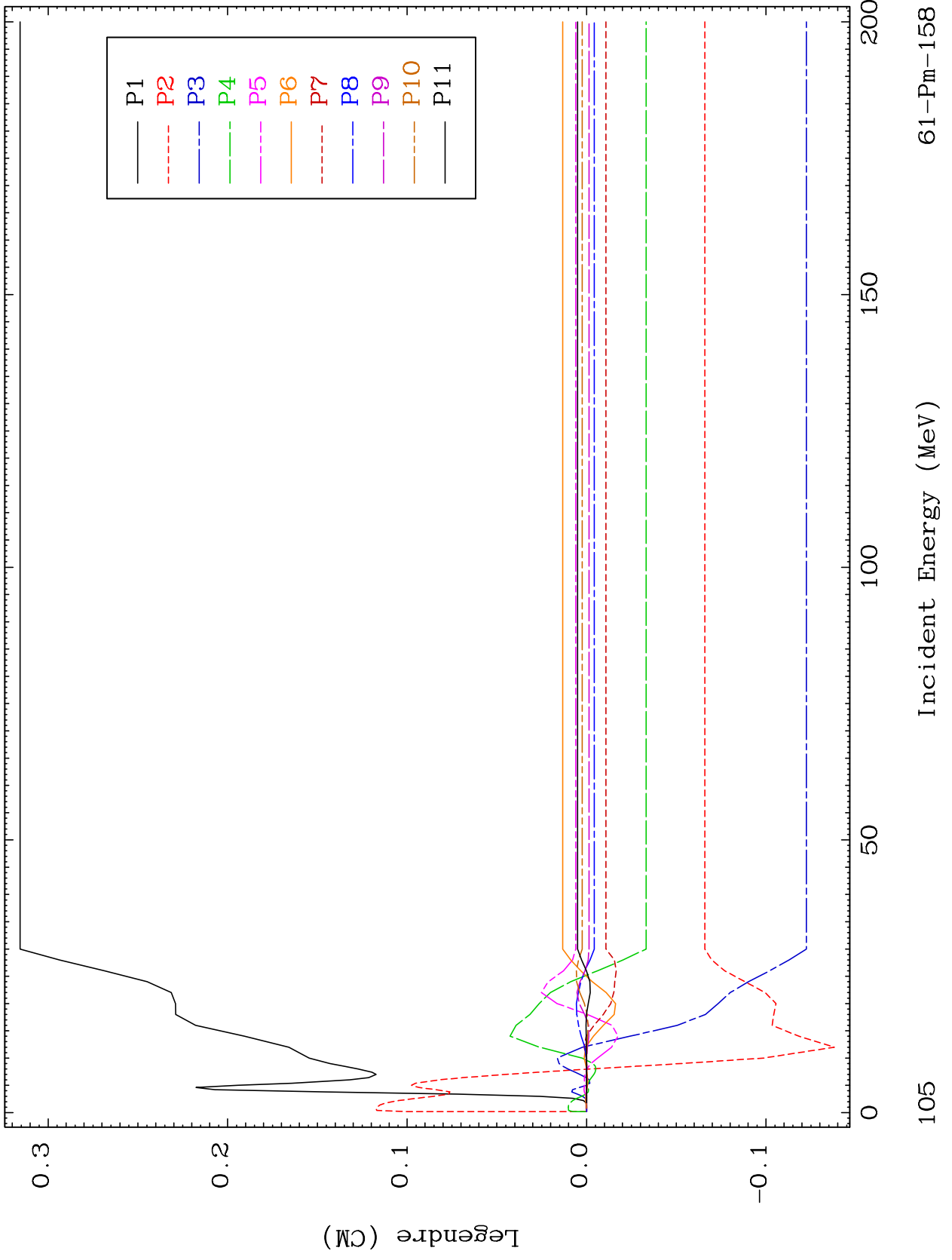
61-Pm-158



MAT 6182

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

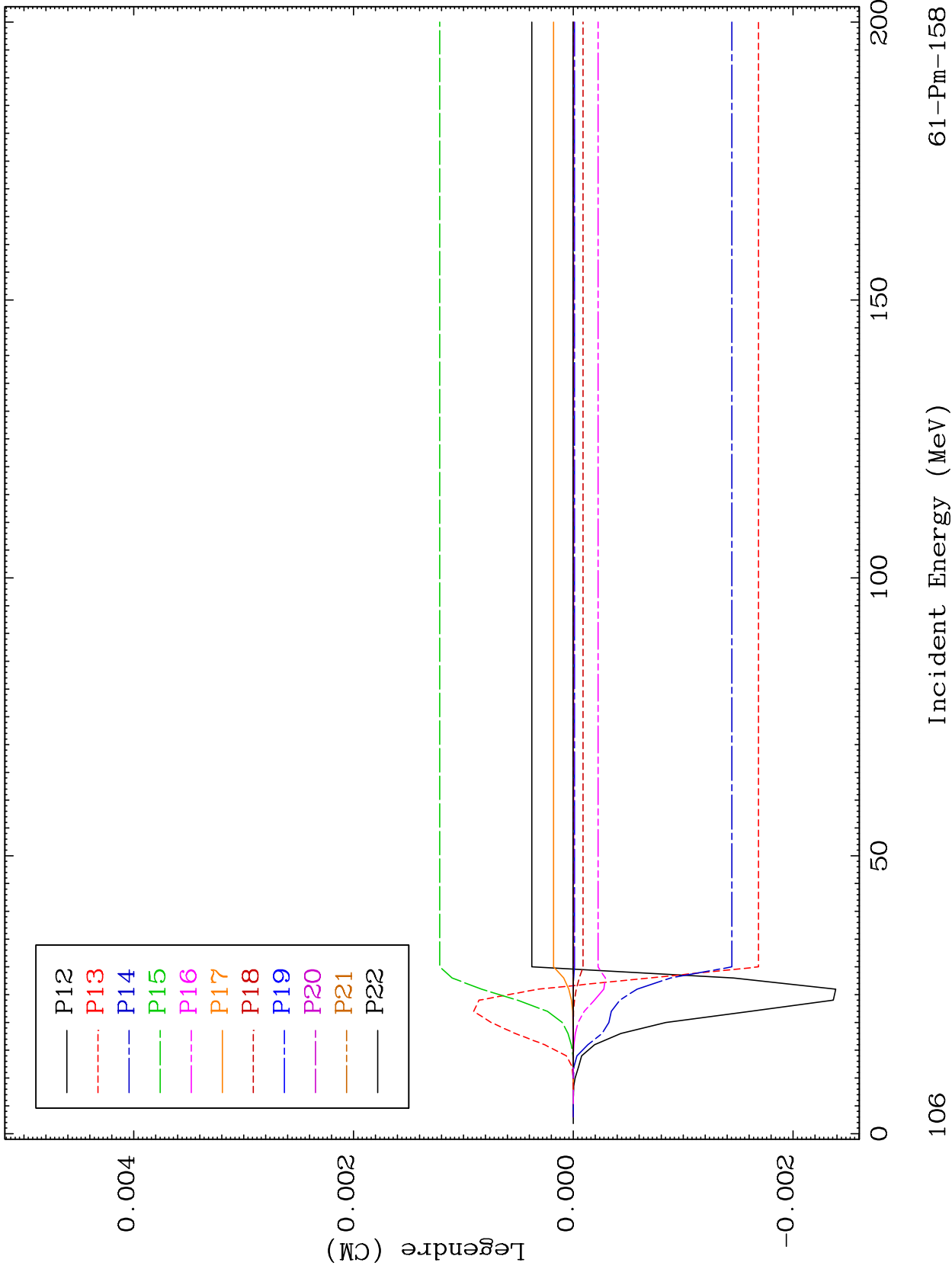
61-Pm-158



MAT 6182

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

61-Pm-158



106

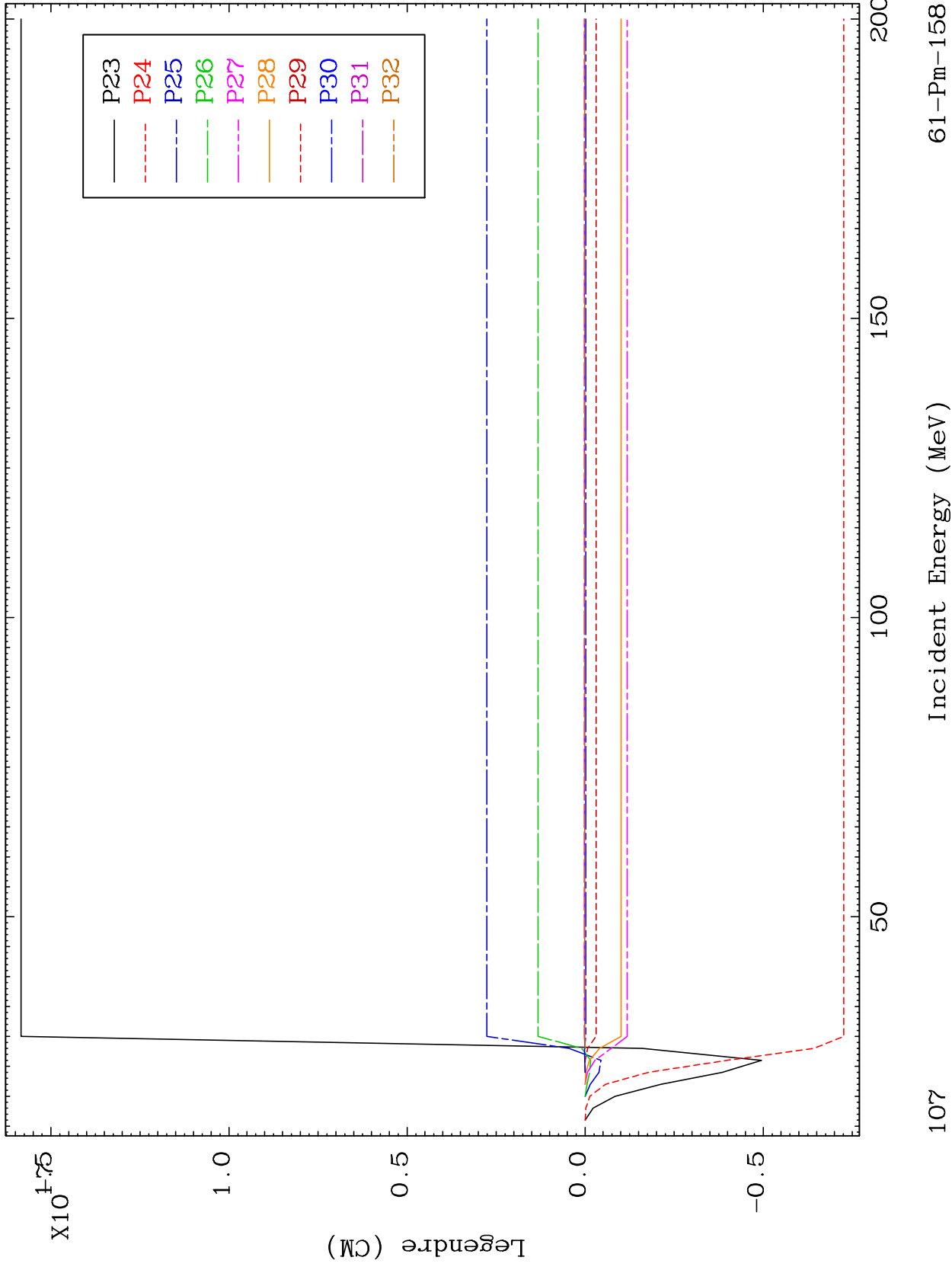
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



107

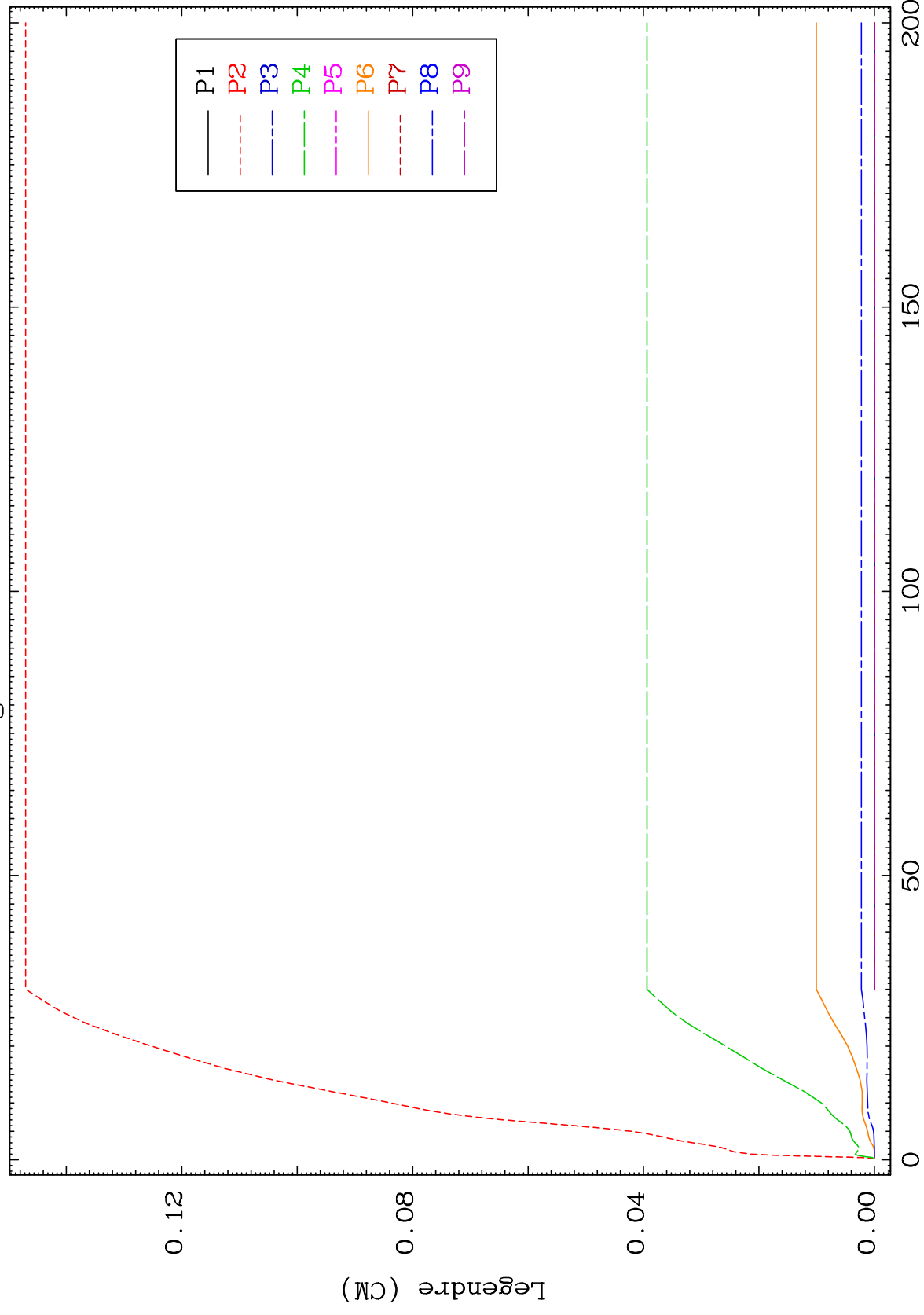
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



61-Pm-158

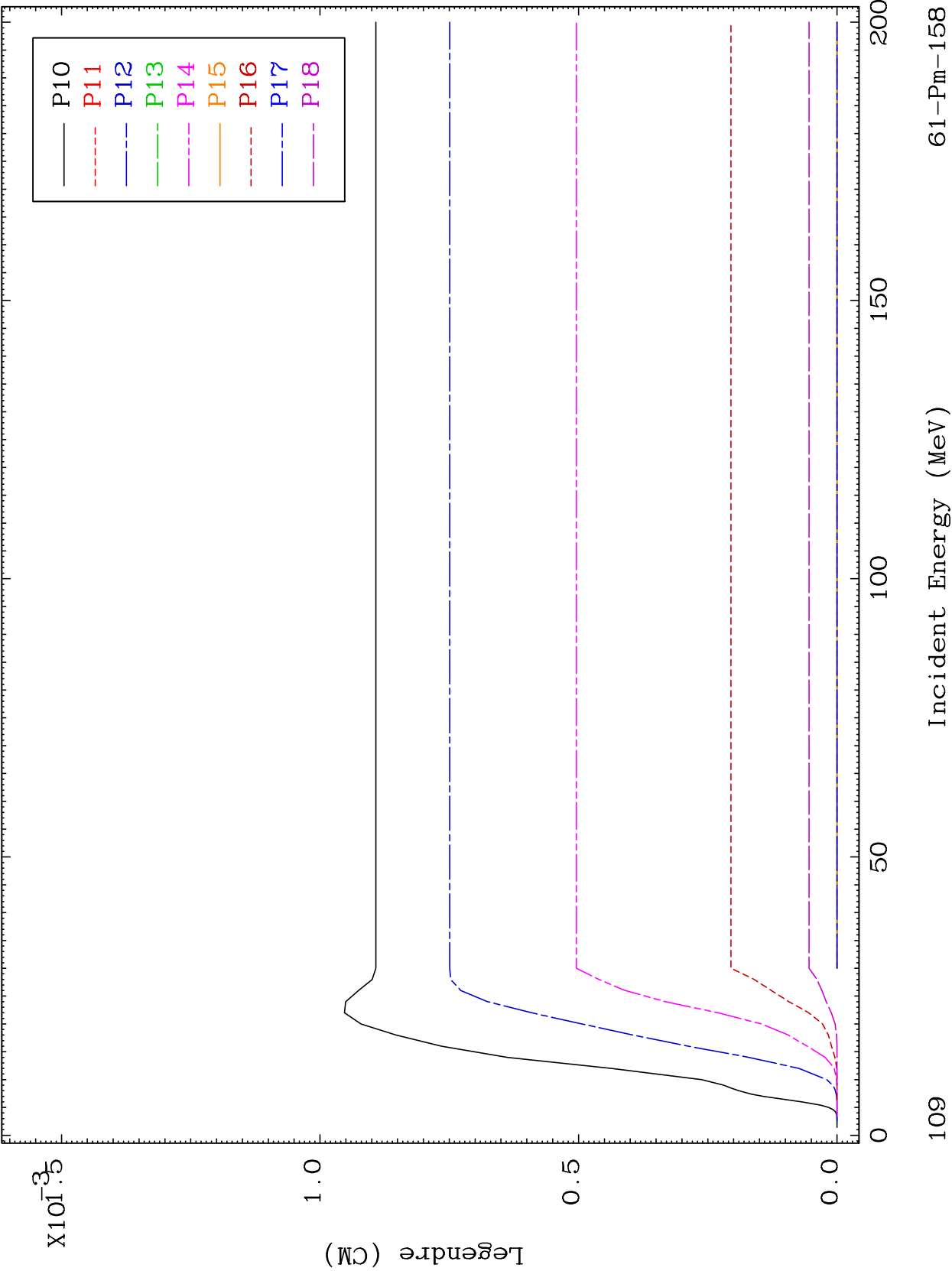
Incident Energy (MeV)

108

MAT 6182

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

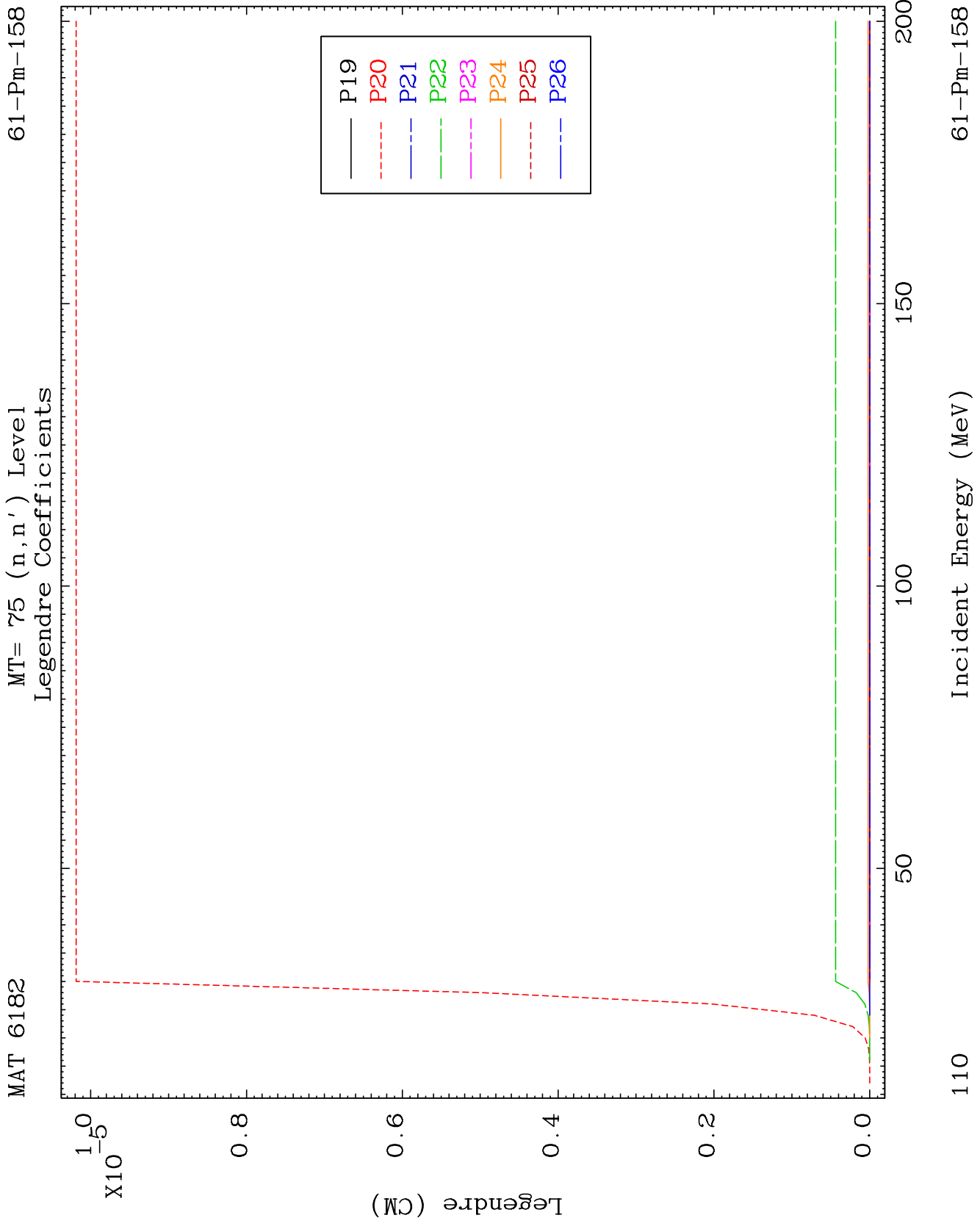
61-Pm-158



109

Incident Energy (MeV)

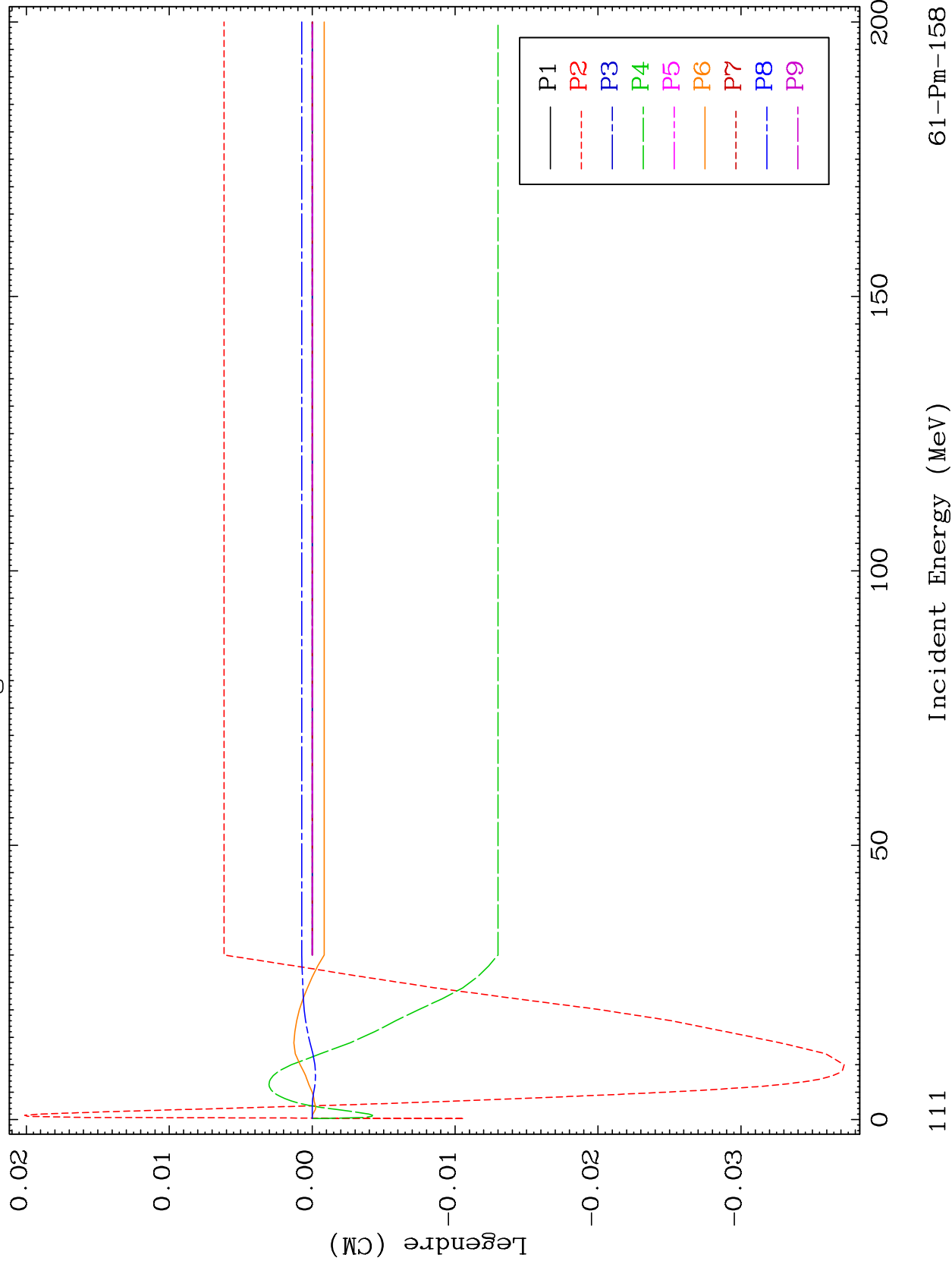
61-Pm-158



MAT 6182

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

61-Pm-158



61-Pm-158

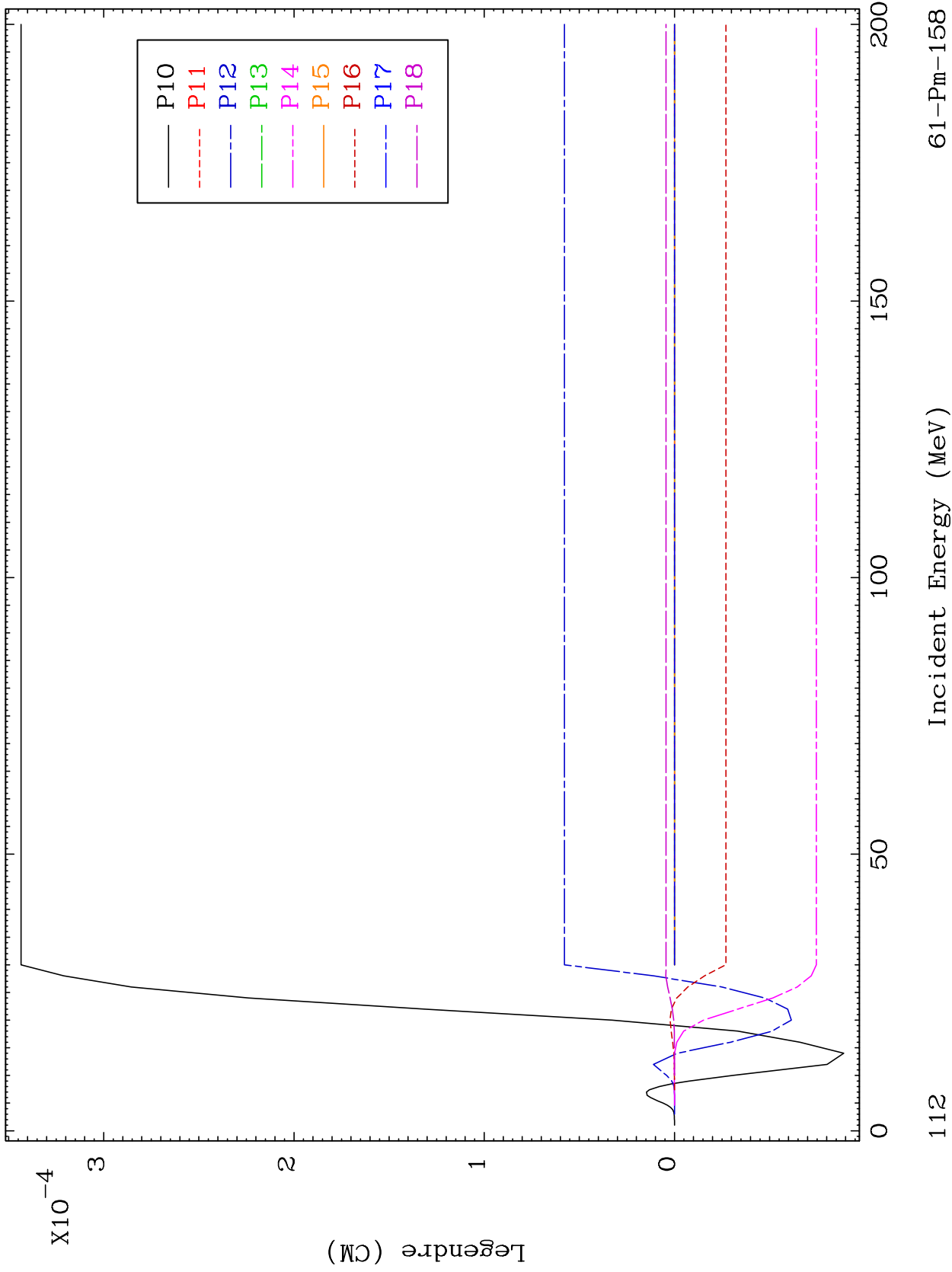
Incident Energy (MeV)

111

MAT 6182

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

61-Pm-158



61-Pm-158

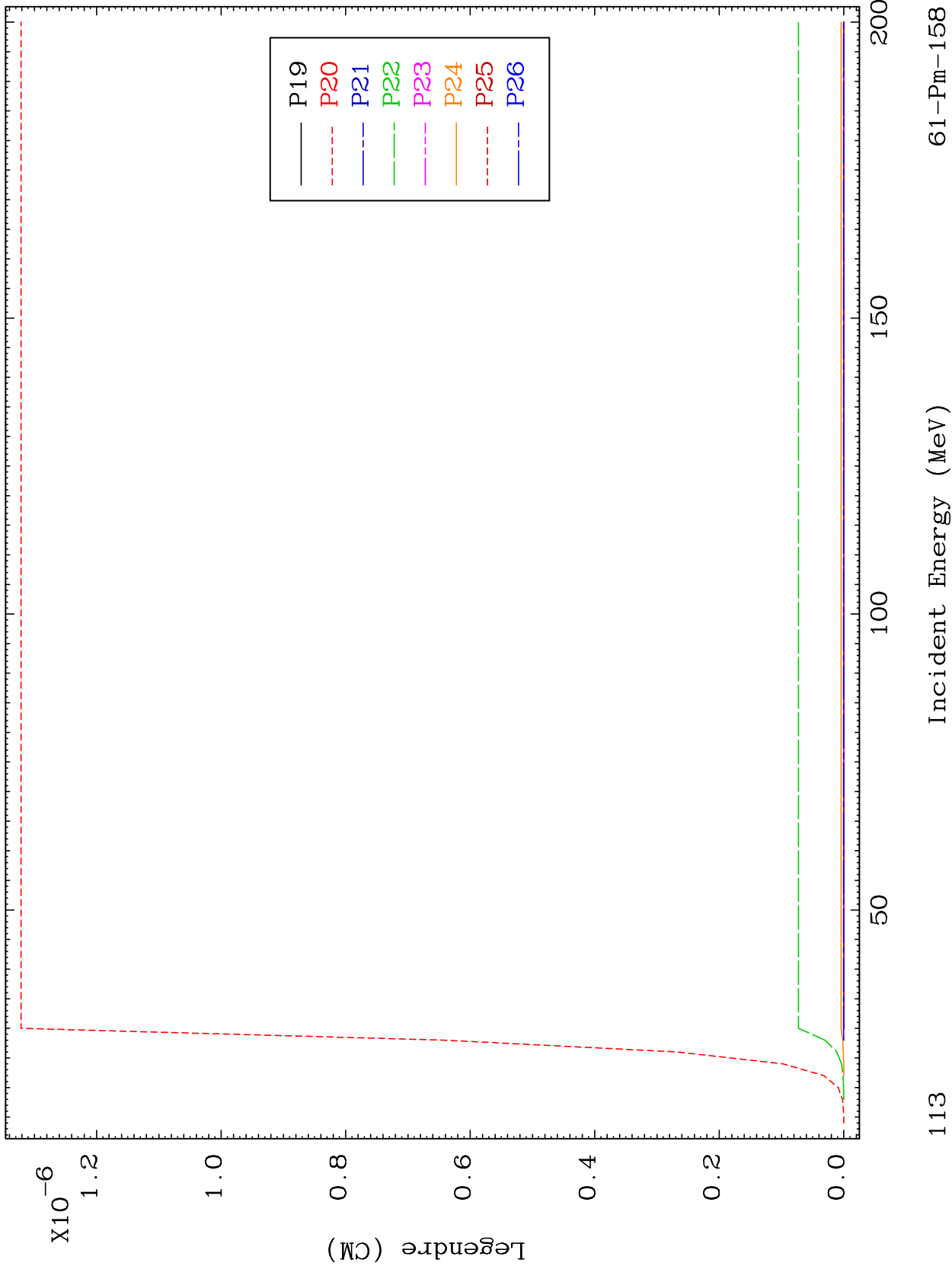
Incident Energy (MeV)

112

MAT 6182

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

61-Pm-158

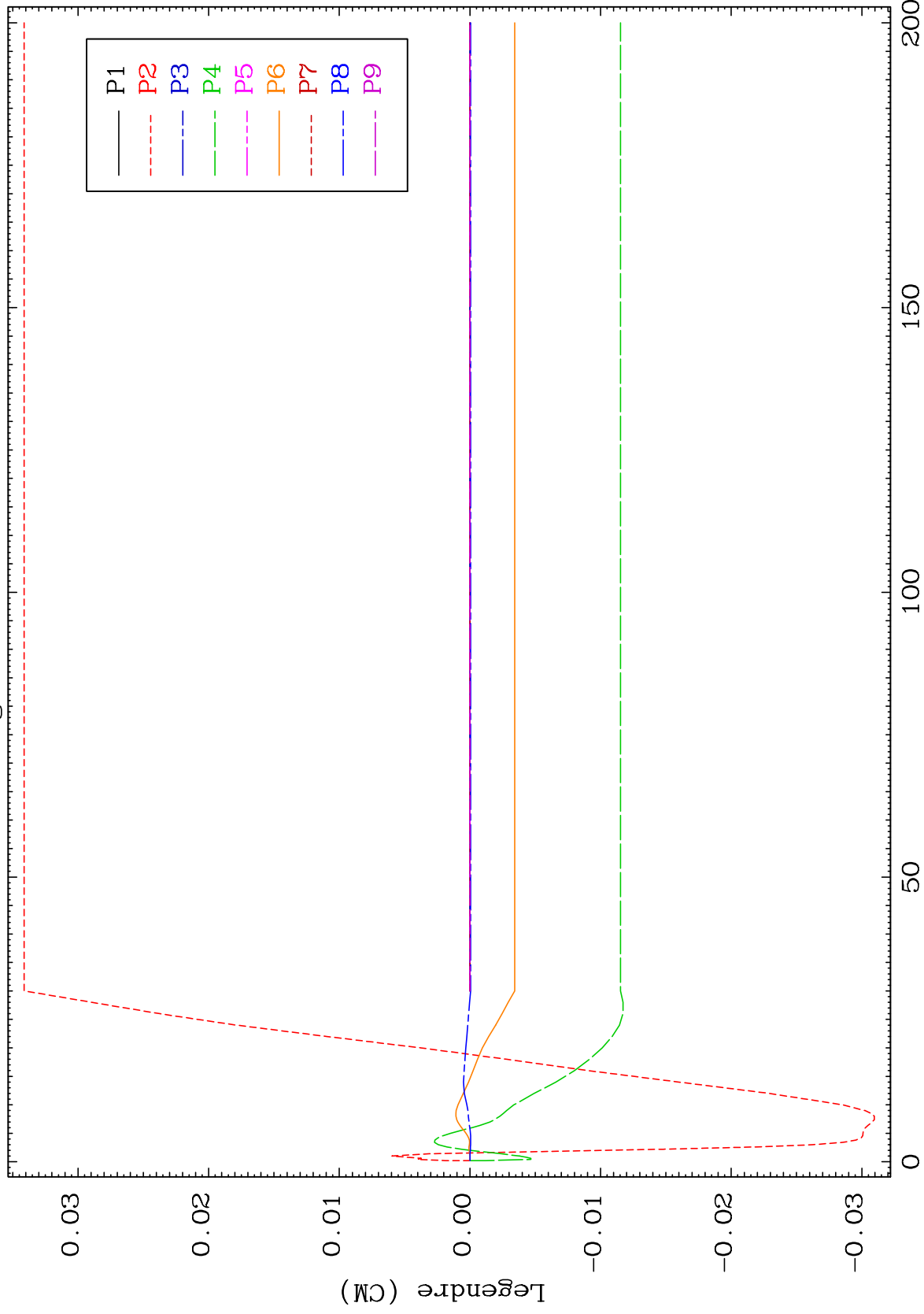


113

MAT 6182

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

61-Pm-158



61-Pm-158

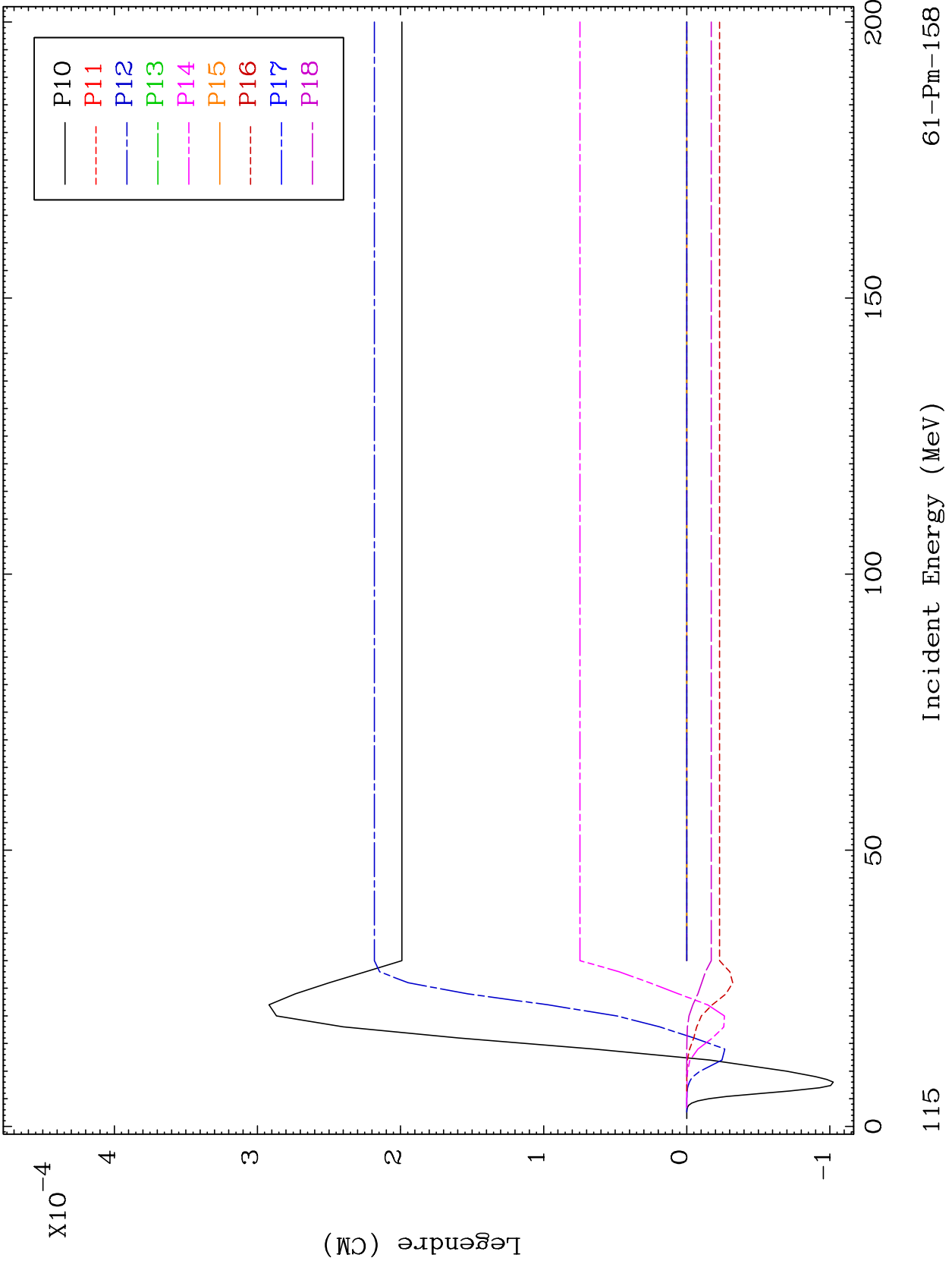
Incident Energy (MeV)

114

MAT 6182

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

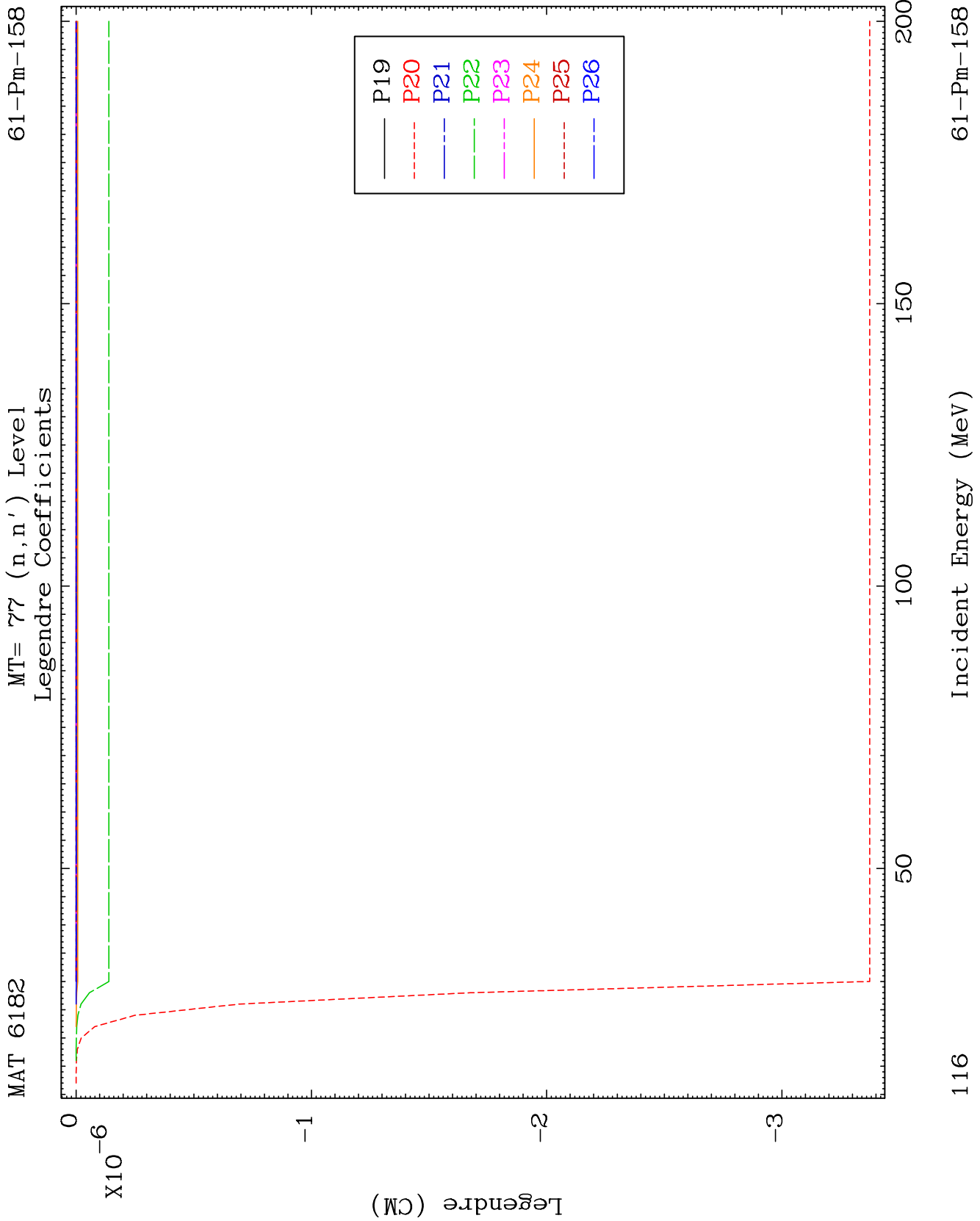
61-Pm-158

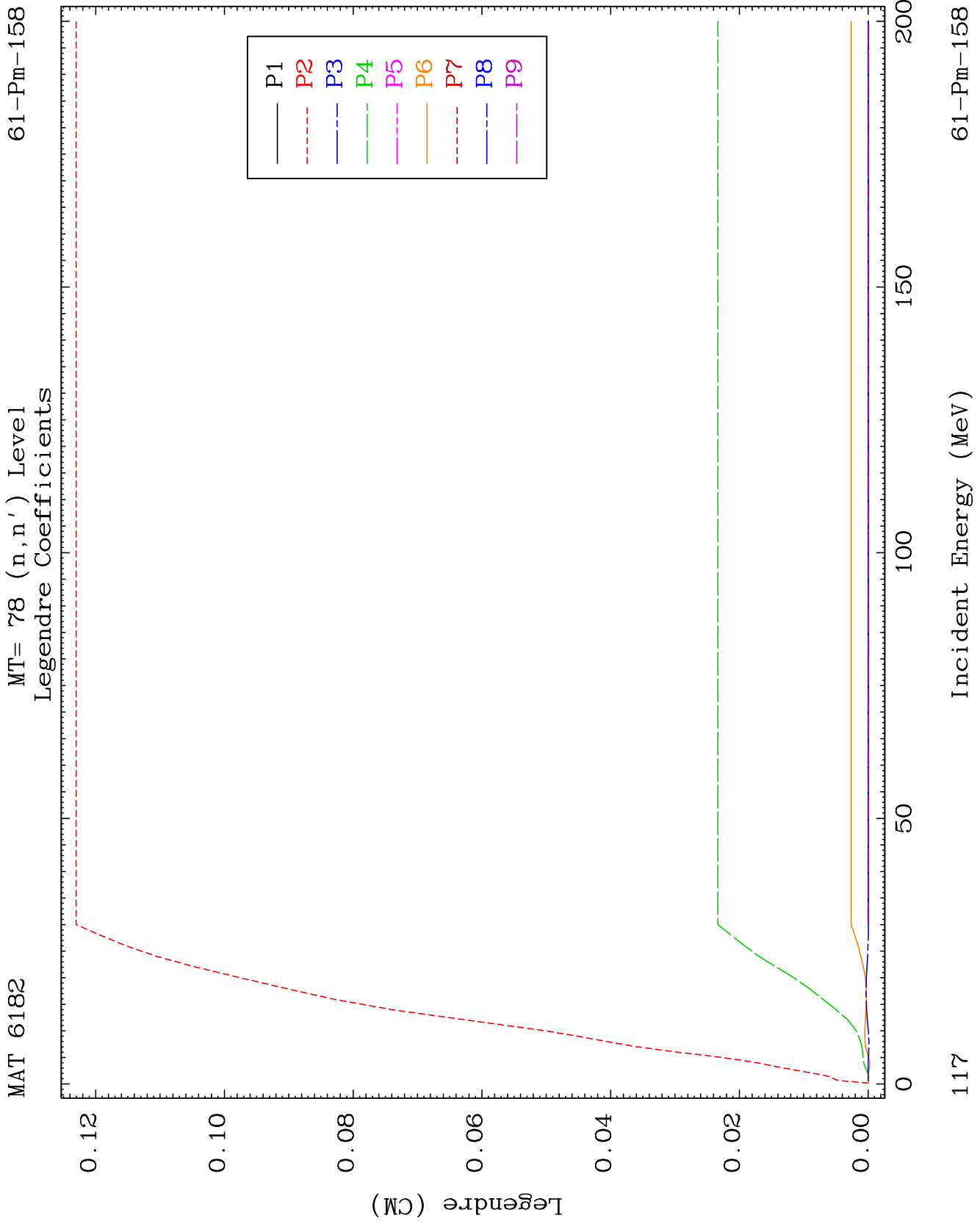


61-Pm-158

Incident Energy (MeV)

115

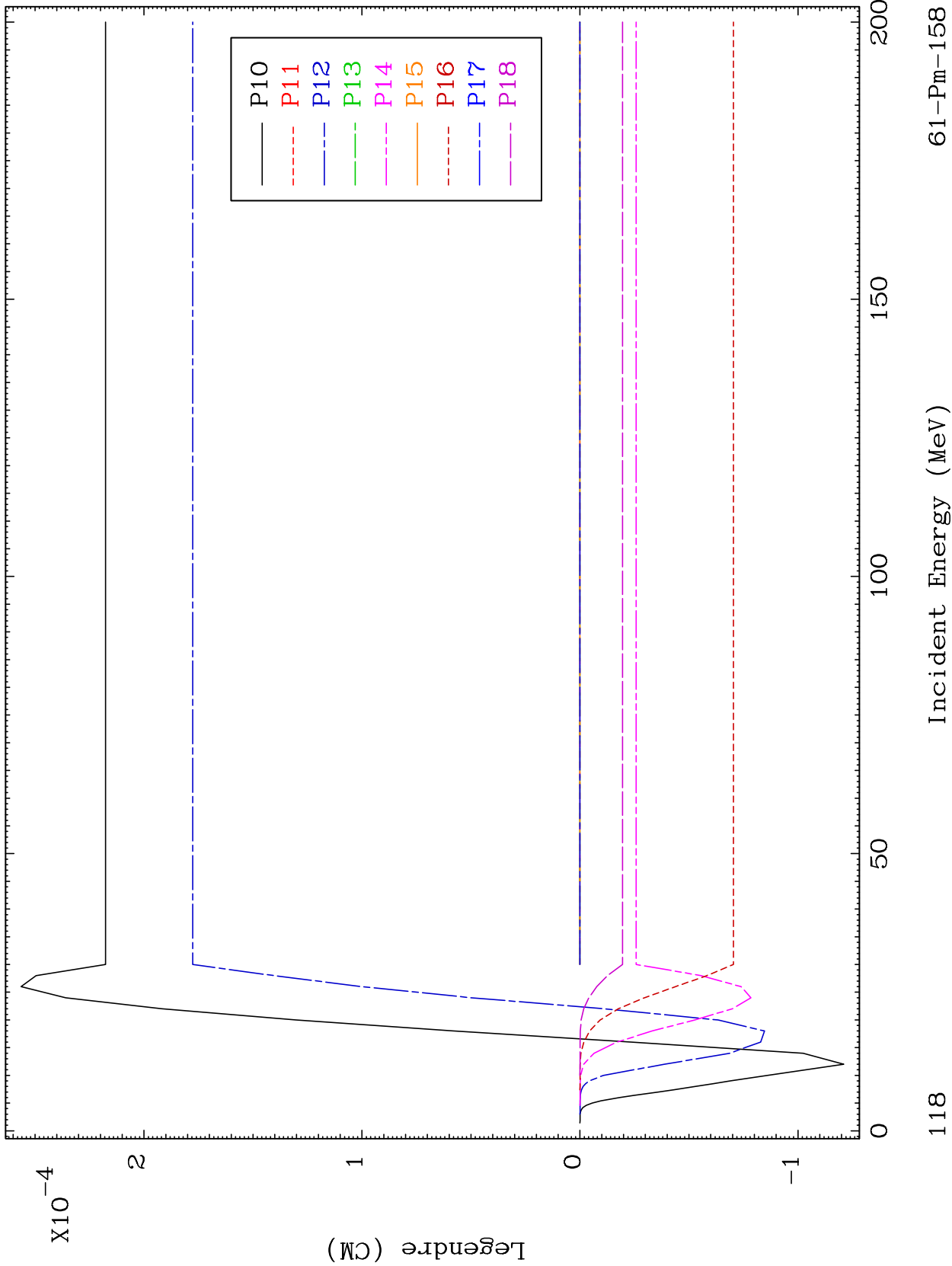




MAT 6182

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

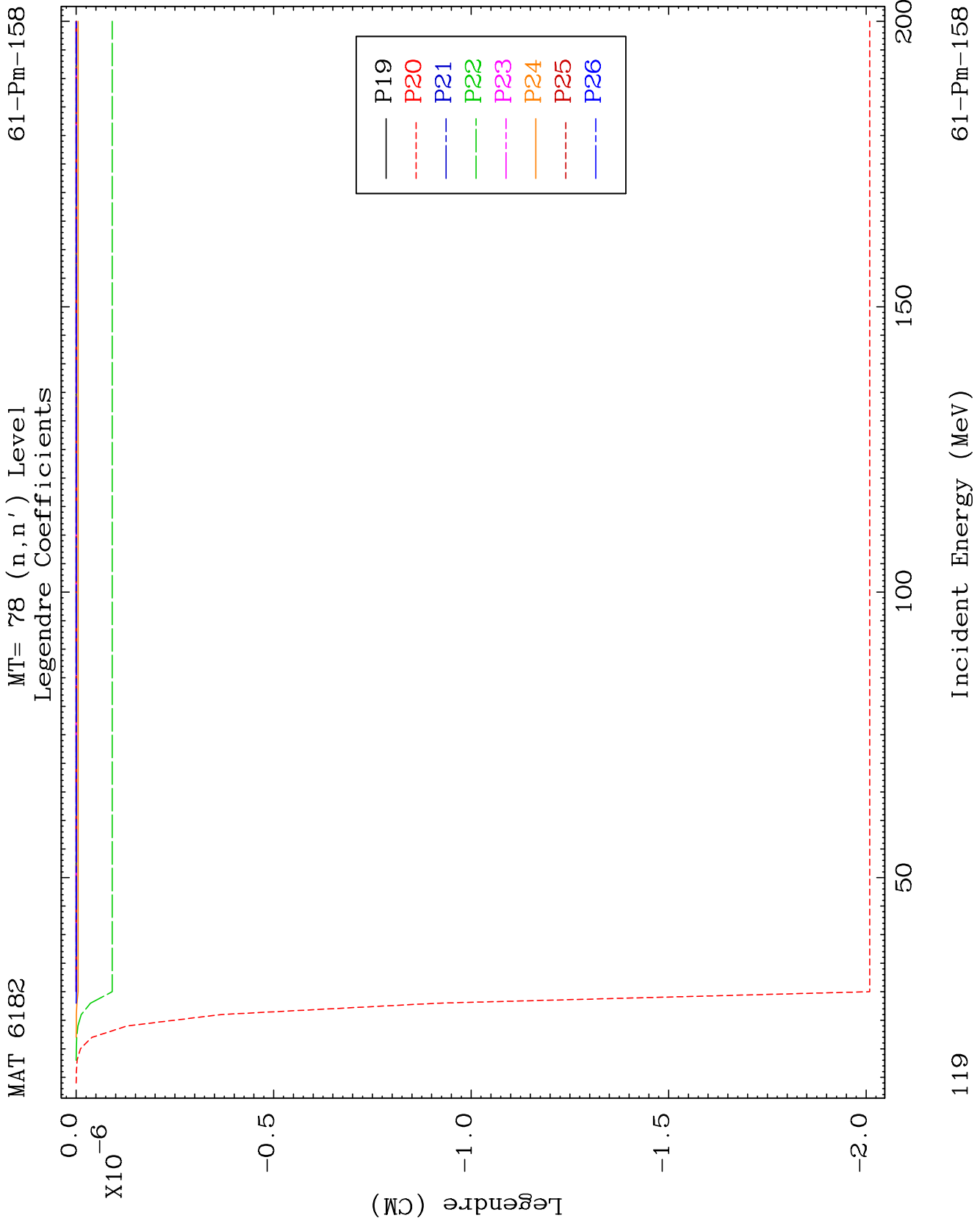
61-Pm-158



61-Pm-158

Incident Energy (MeV)

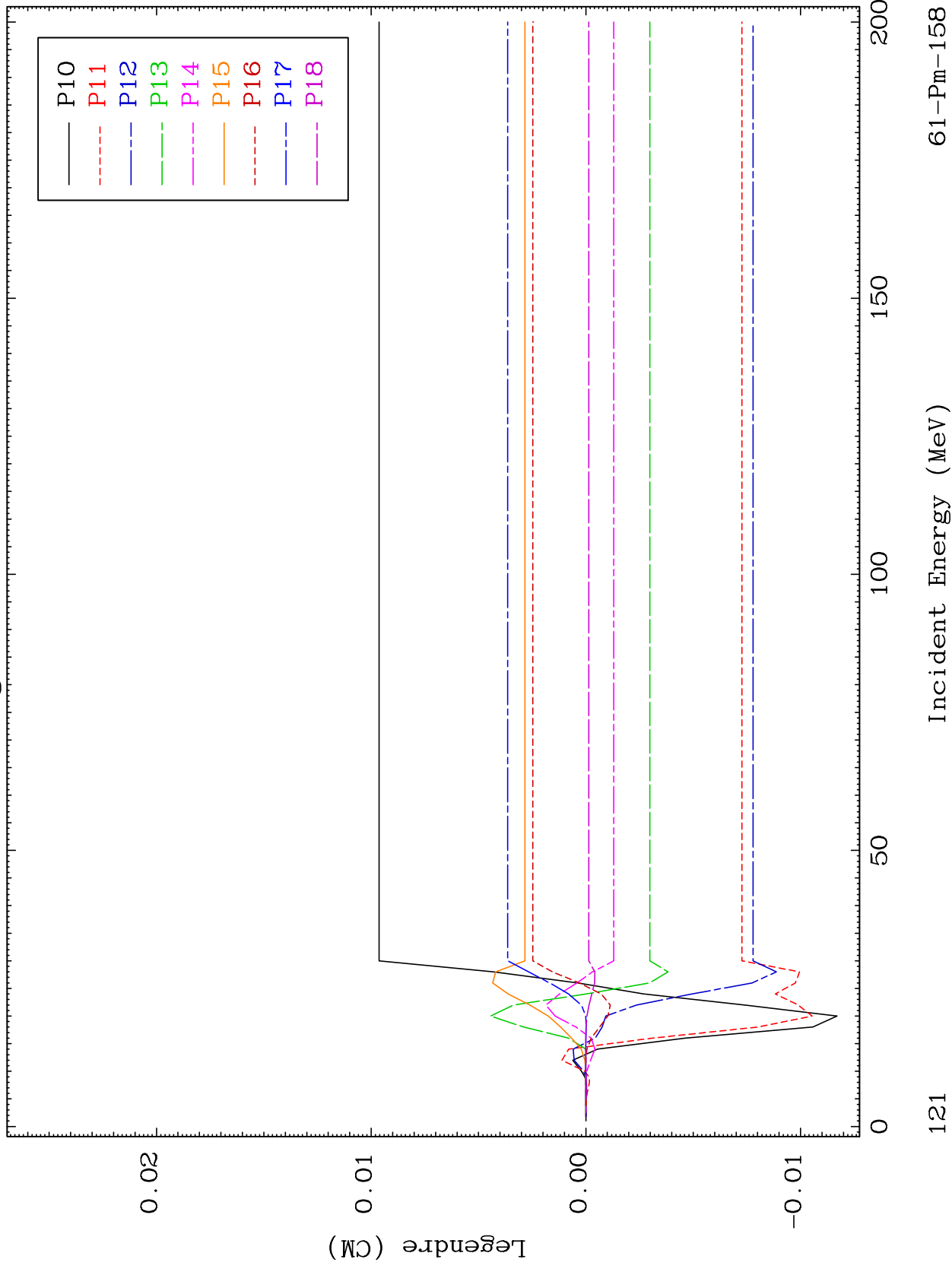
118



MAT 6182

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

61-Pm-158



121

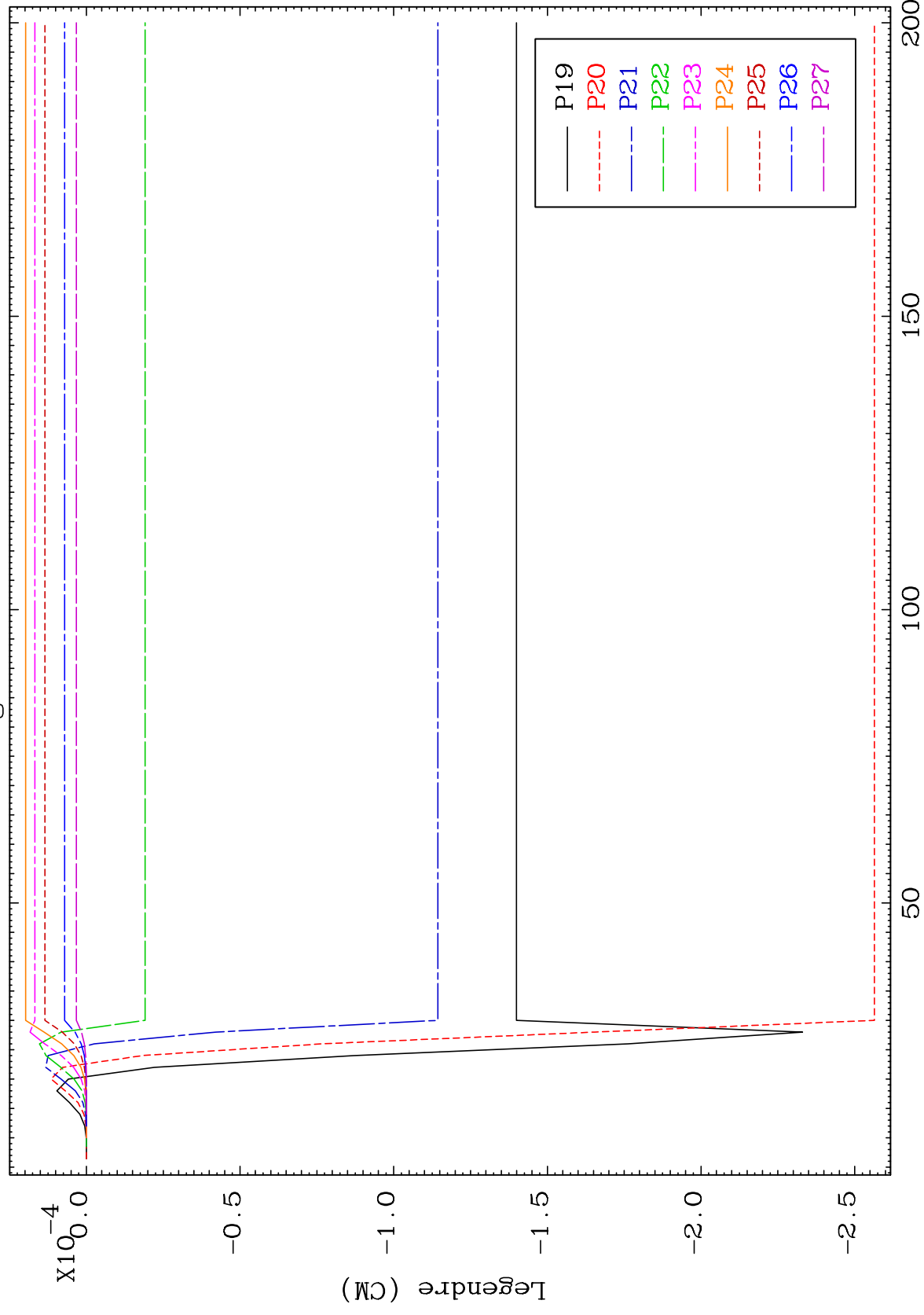
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

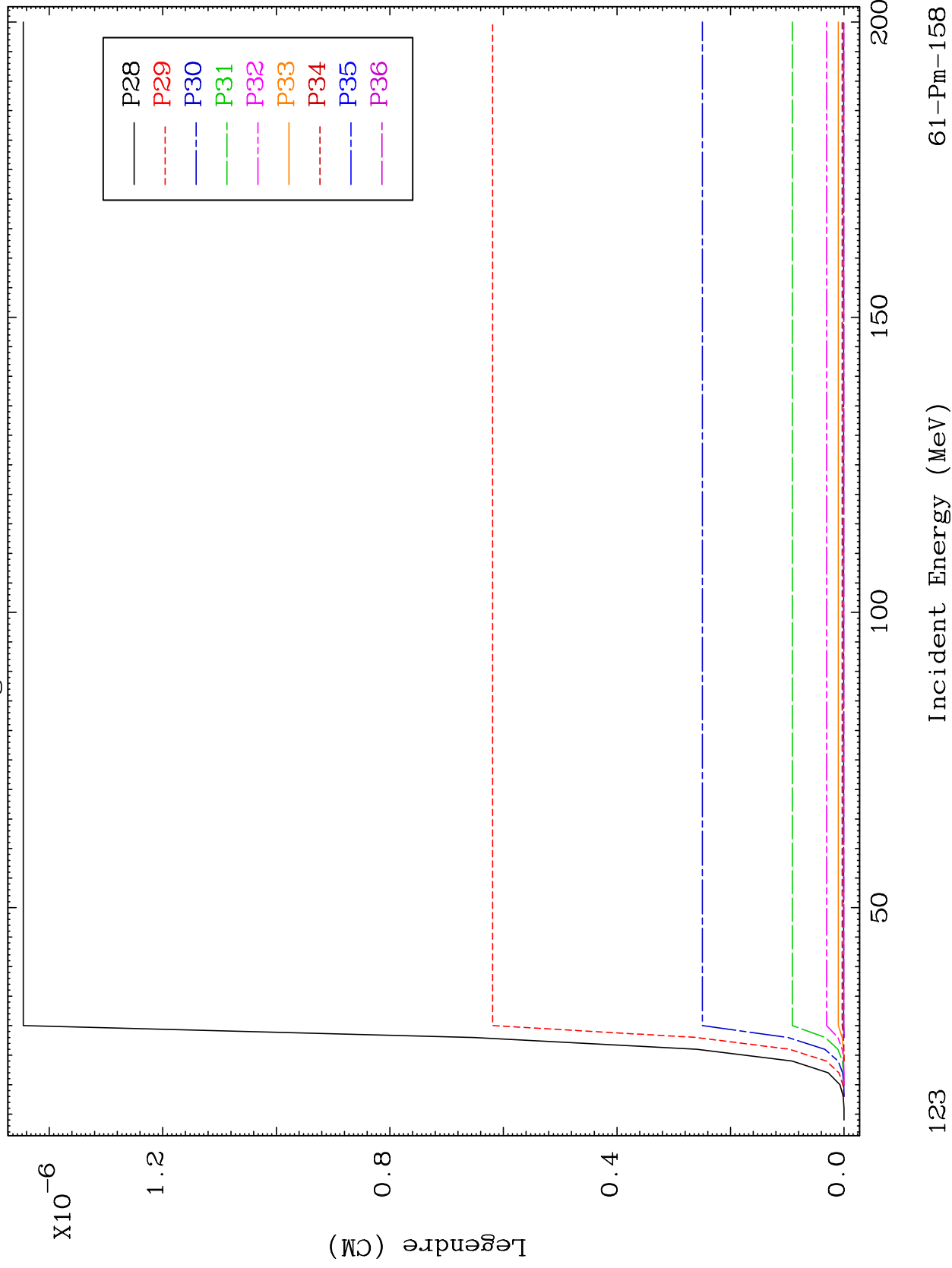
61-Pm-158



MAT 6182

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

61-Pm-158



123

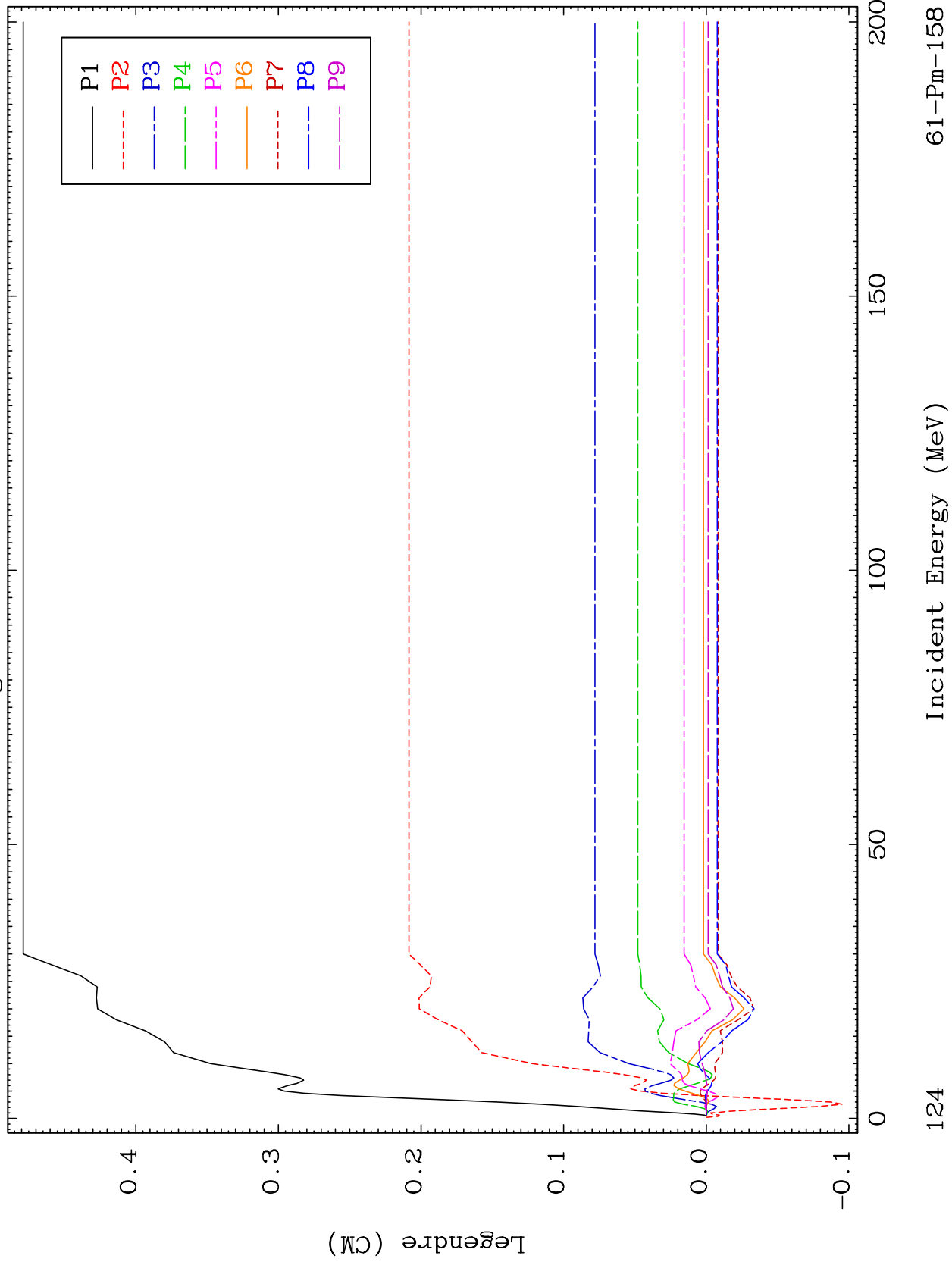
Incident Energy (MeV)

61-Pm-158

MAT 6182

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

61-Pm-158



124

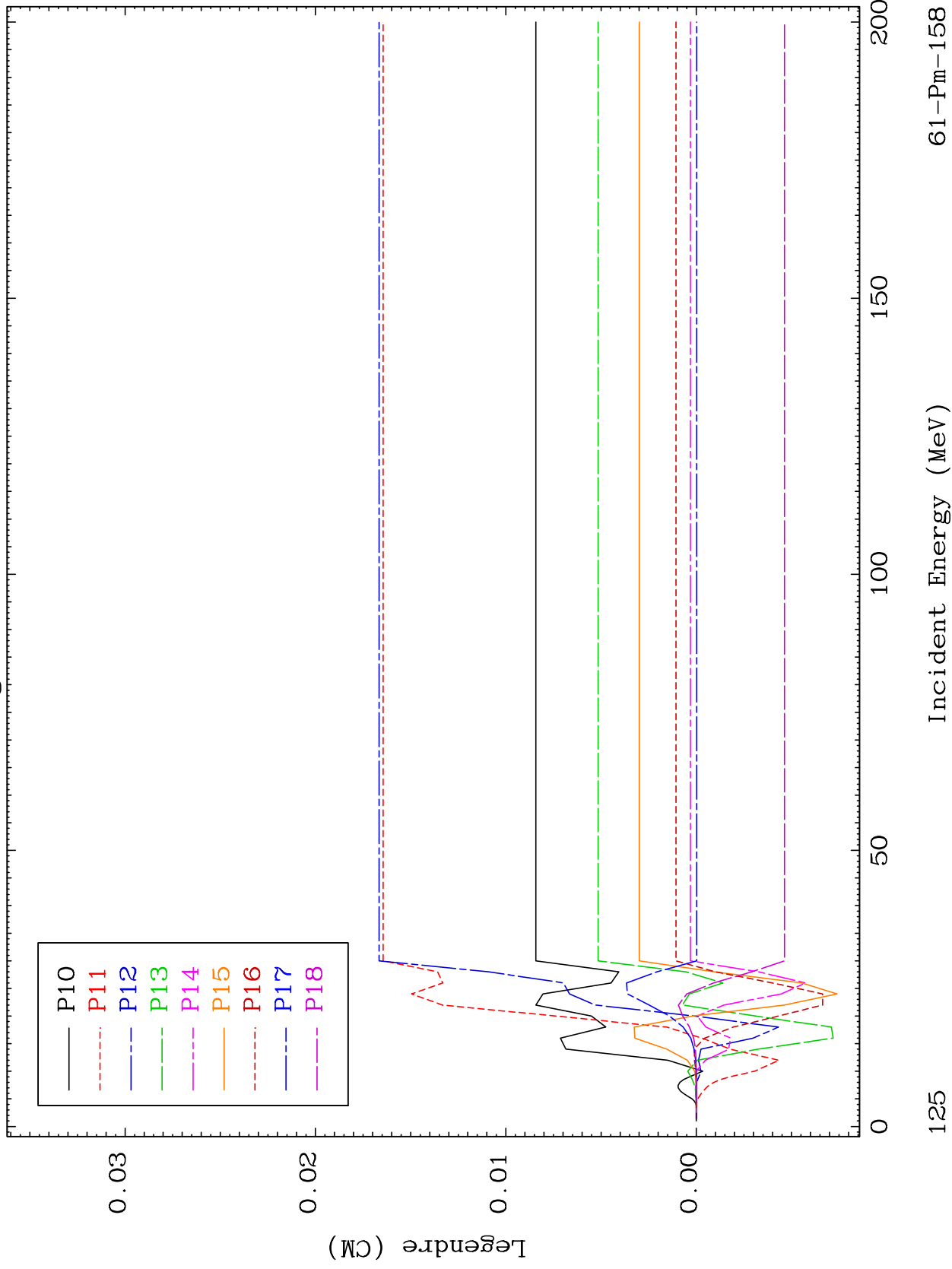
Incident Energy (MeV)

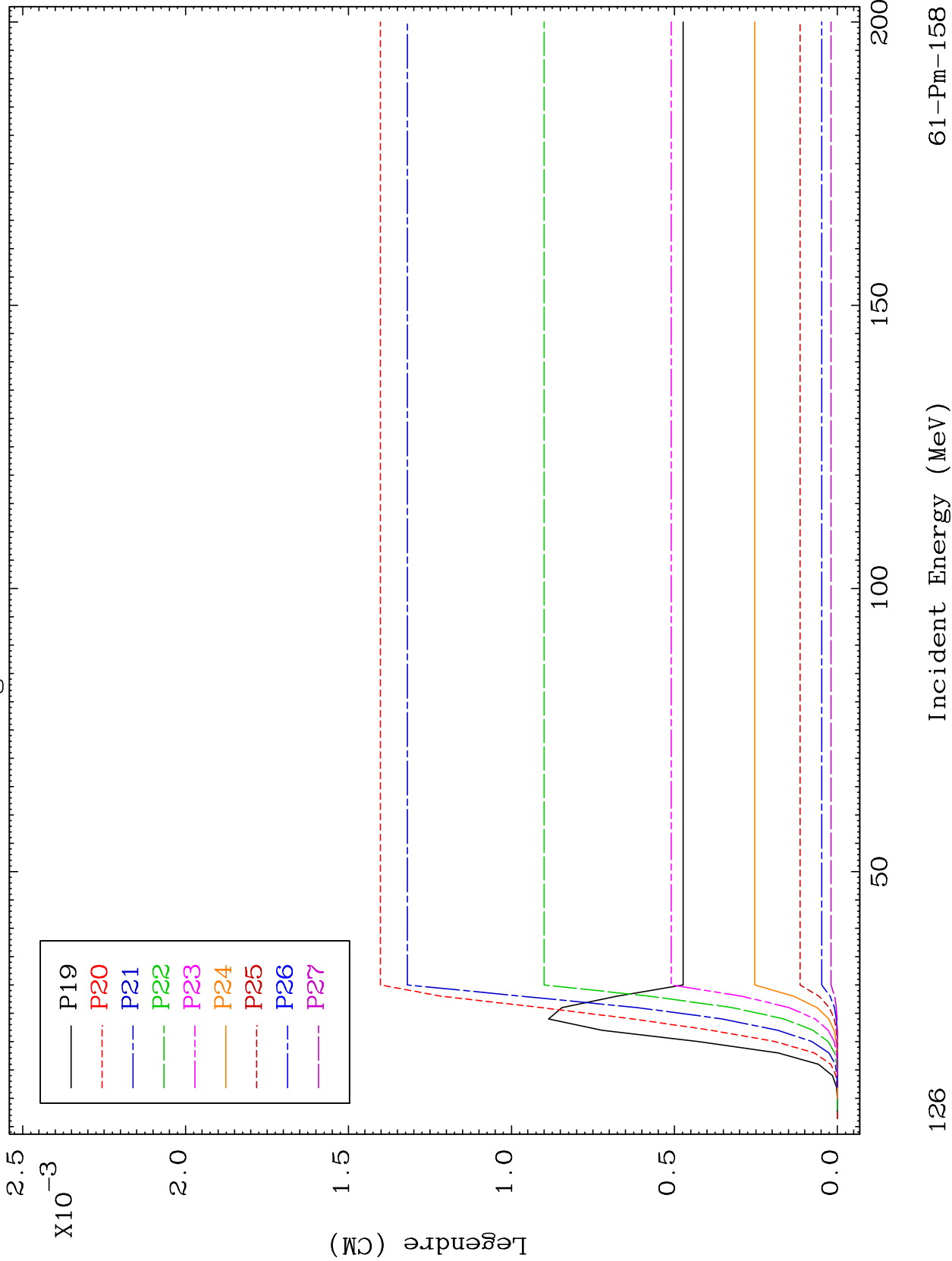
61-Pm-158

MAT 6182

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

61-Pm-158

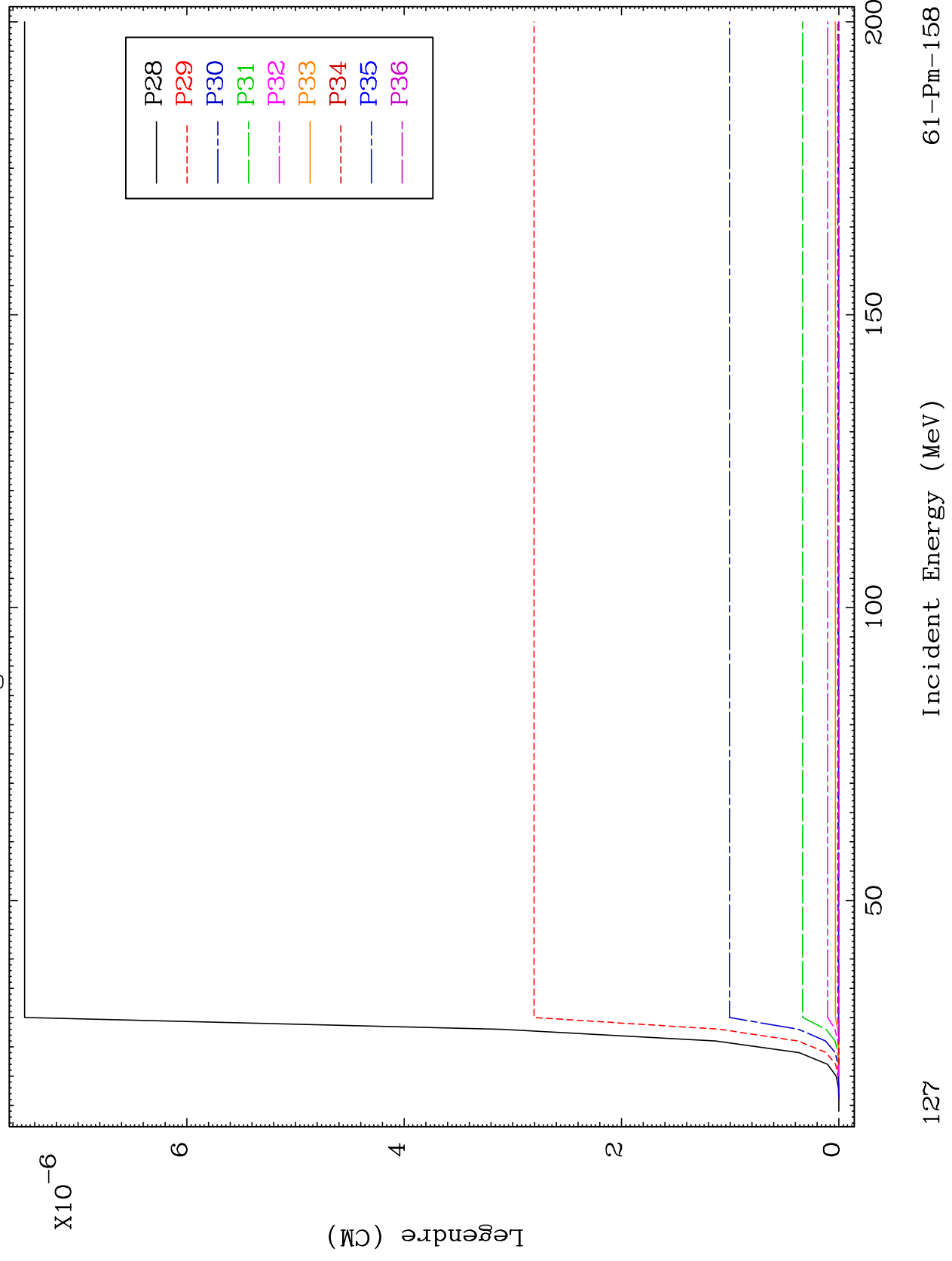




MAT 6182

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

61-Pm-158



127

Incident Energy (MeV)

61-Pm-158

(n,3n)
Radionuclide Production Cross Section

