

Program EVALPLOT
(Version 2021-1)

by

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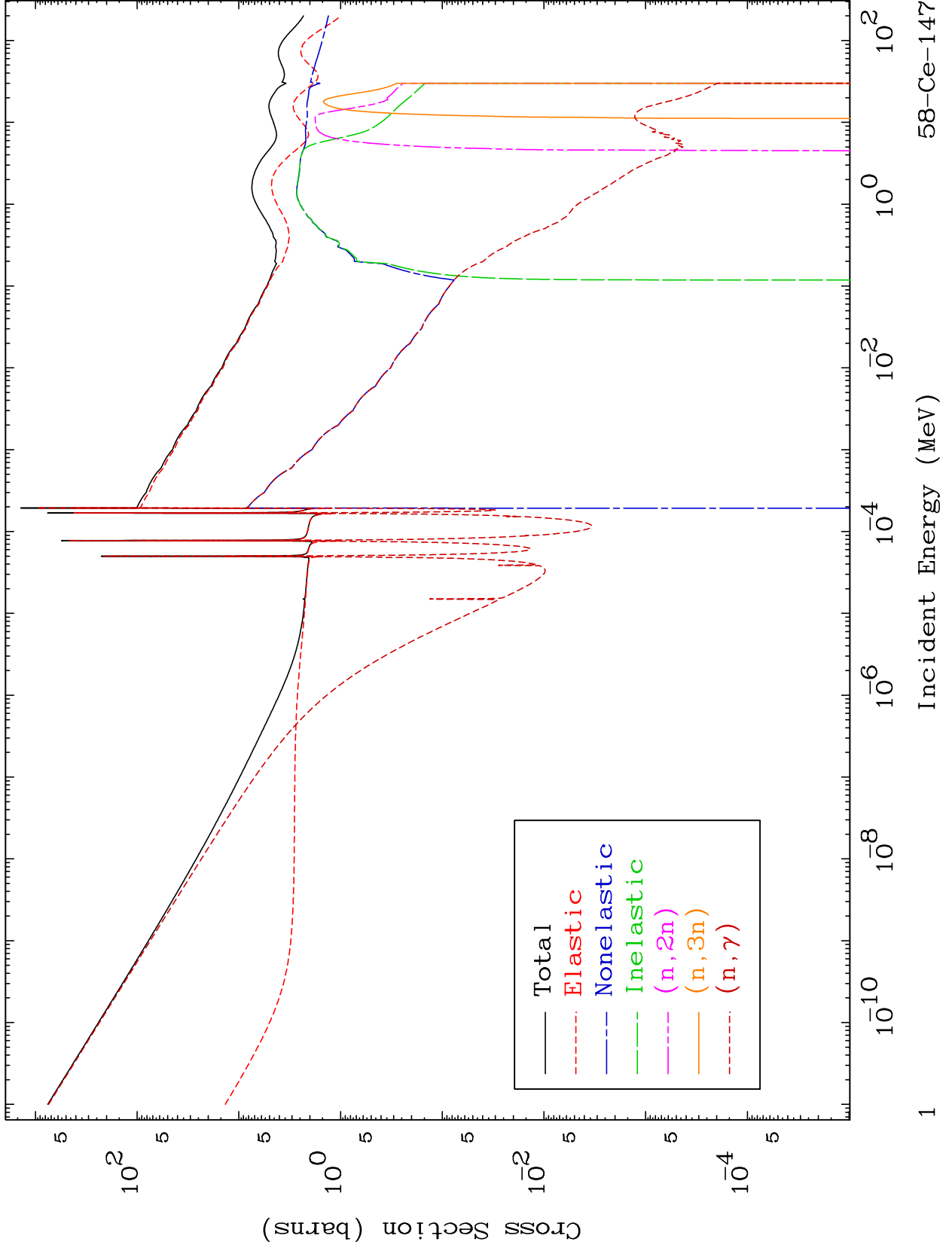
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Press Mouse Button to Start

MAT 5858

Neutron Major
293 Kelvin Cross Sections

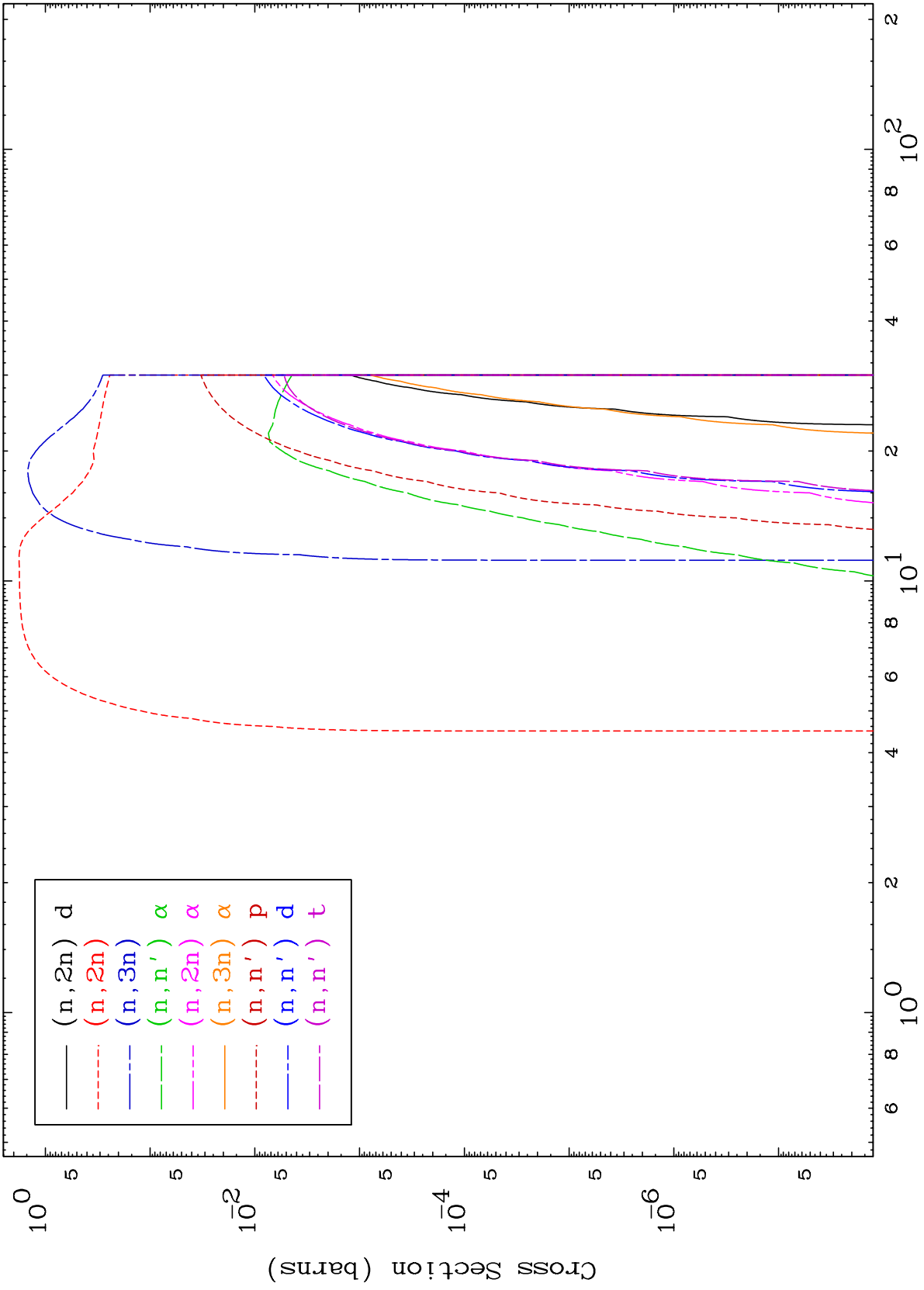
58-Ce-147



MAT 5858

Neutron Absorption
293 Kelvin Cross Sections

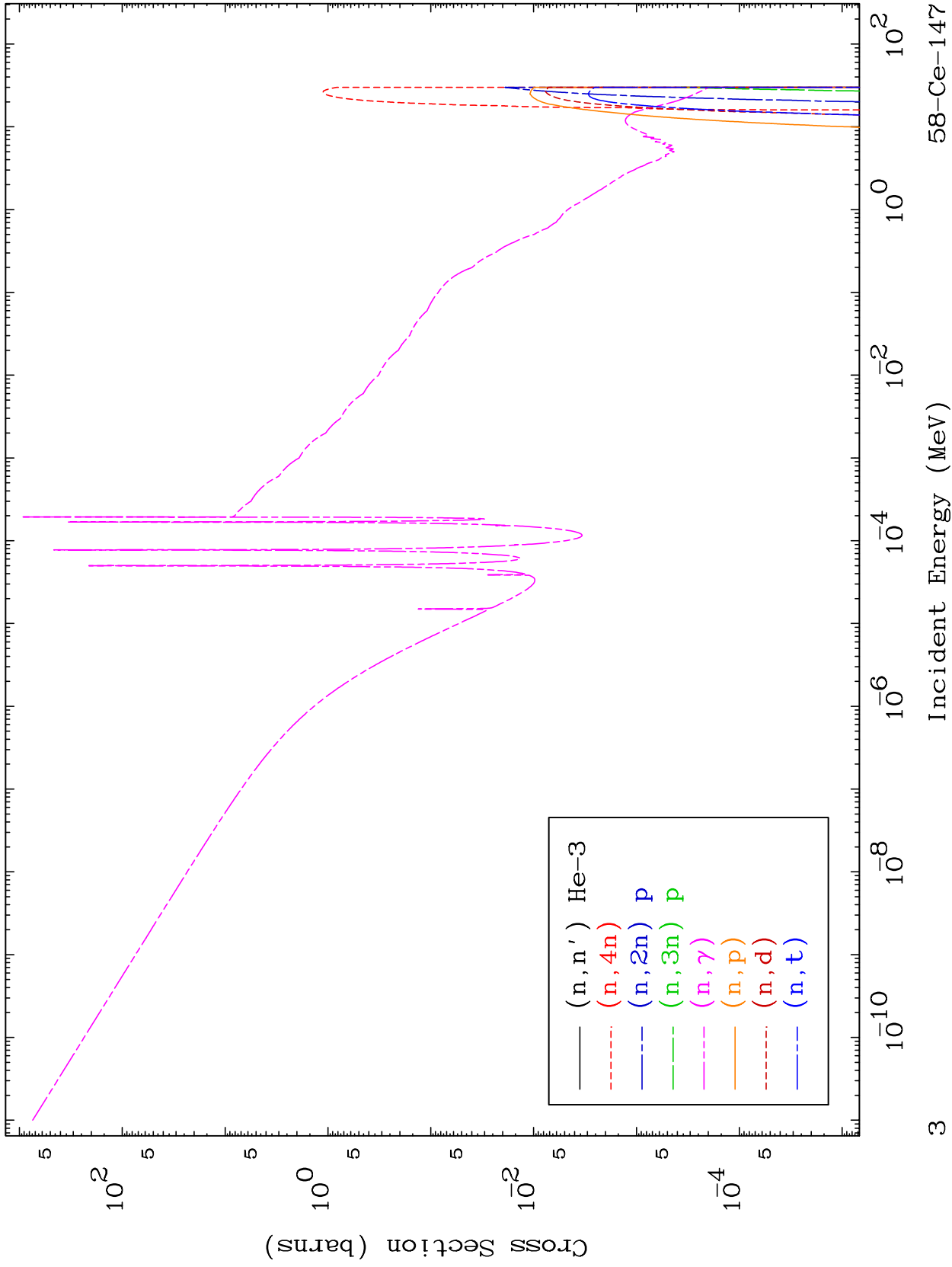
58-Ce-147



MAT 5858

Neutron Absorption
293 Kelvin Cross Sections

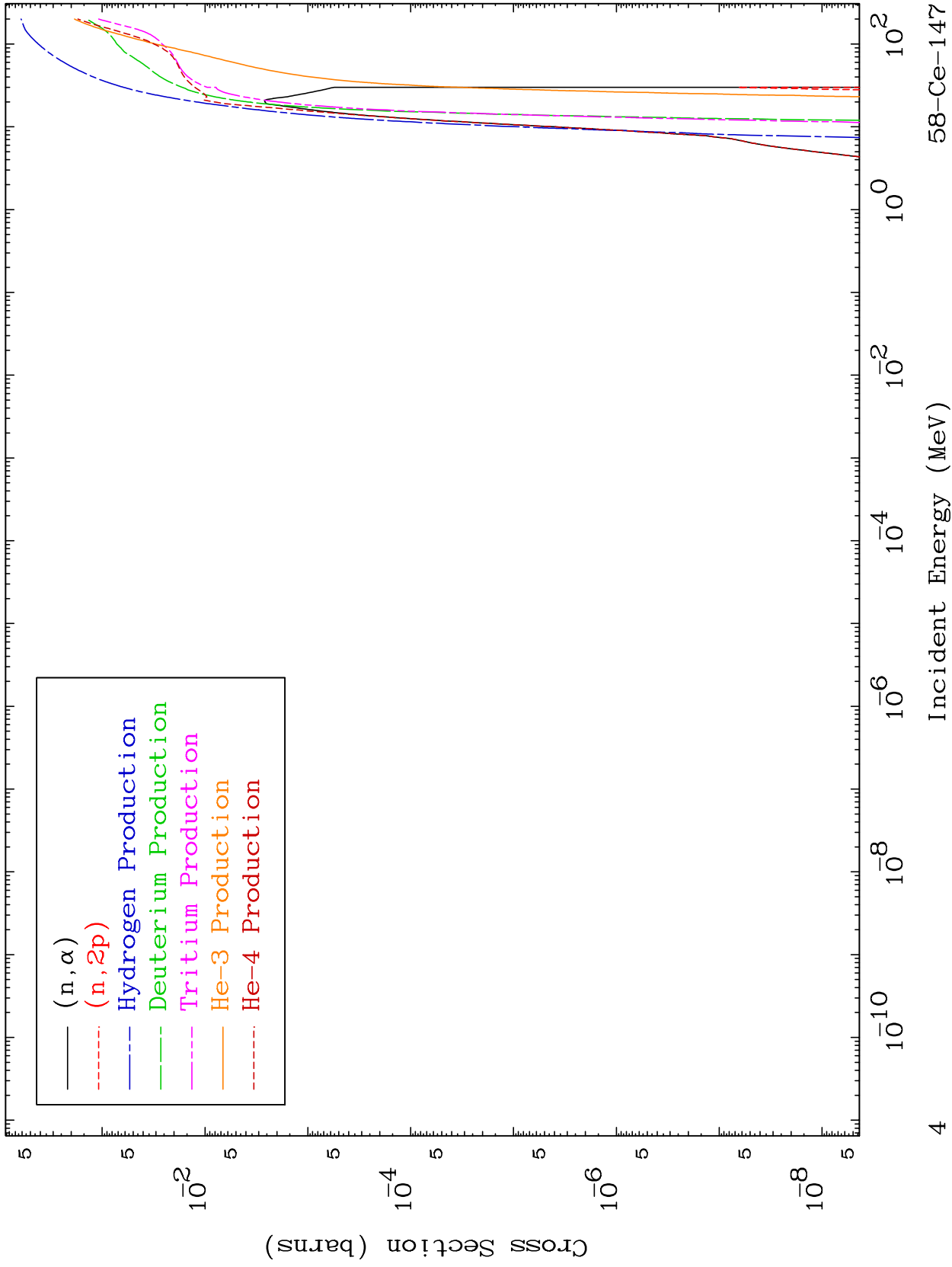
58-Ce-147



MAT 5858

Neutron Absorption
293 Kelvin Cross Sections

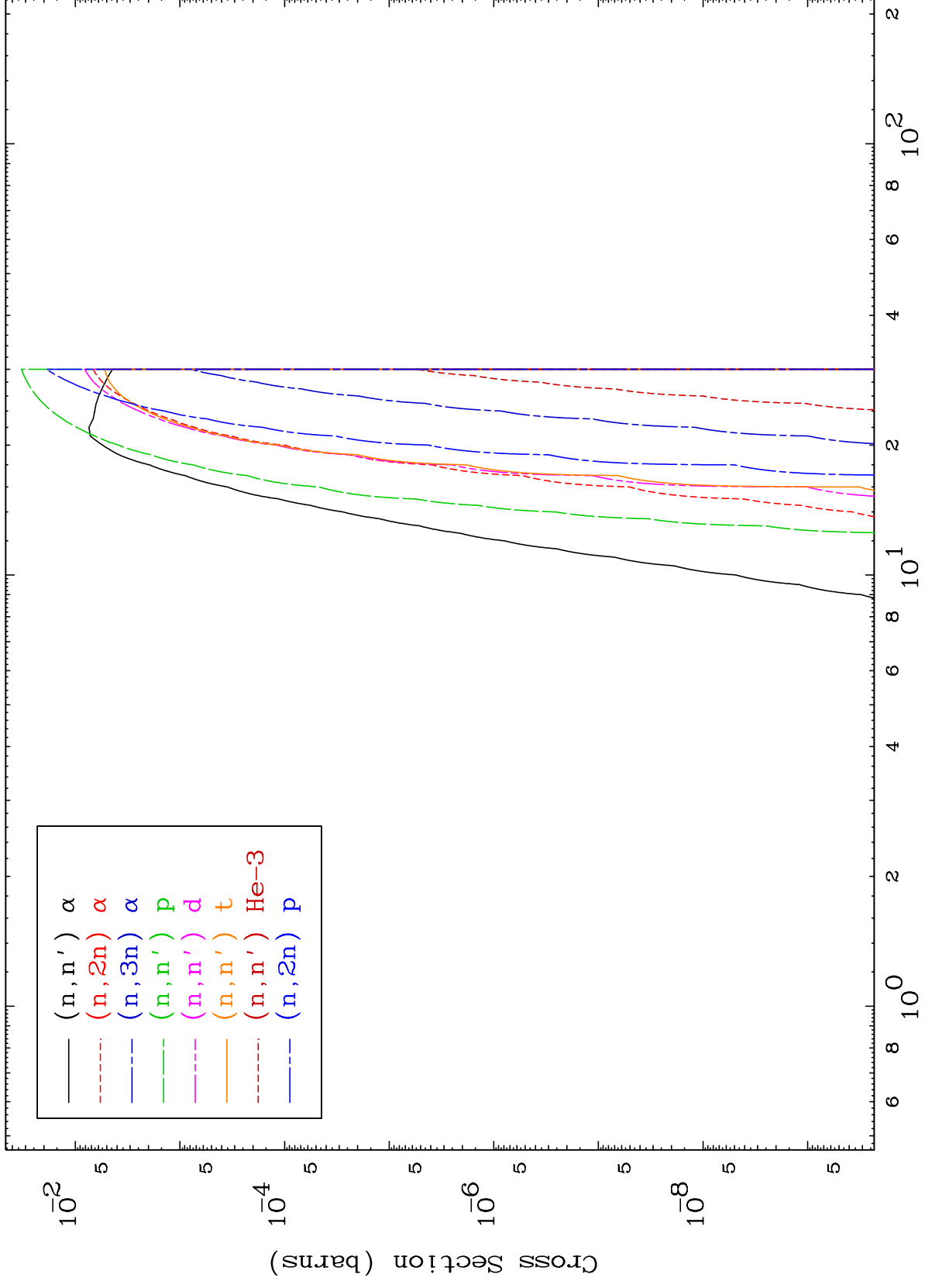
58-Ce-147



MAT 5858

Charged Particle
293 Kelvin Cross Sections

58-Ce-147



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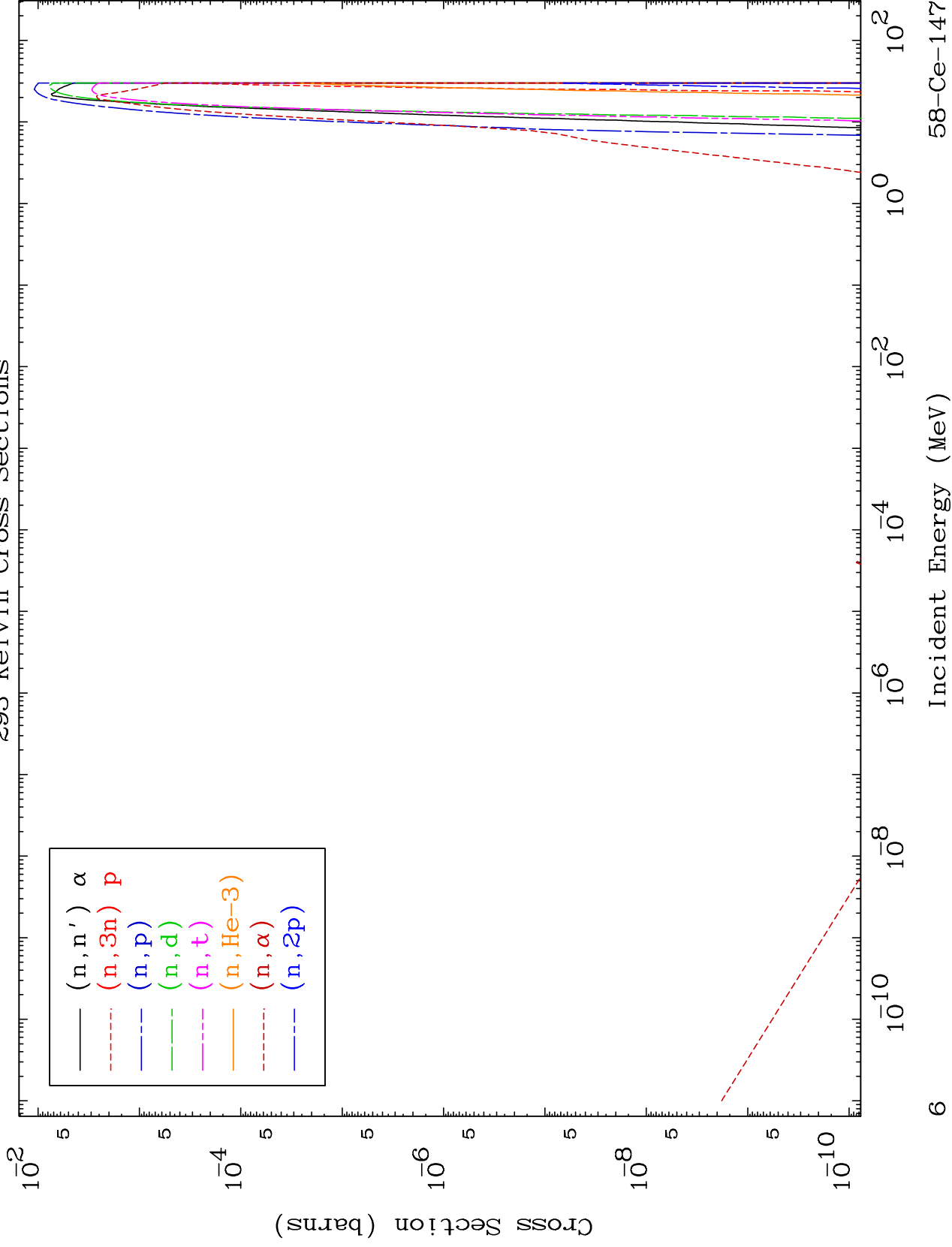
Incident Energy (MeV)

58-Ce-147

MAT 5858

Charged Particle
293 Kelvin Cross Sections

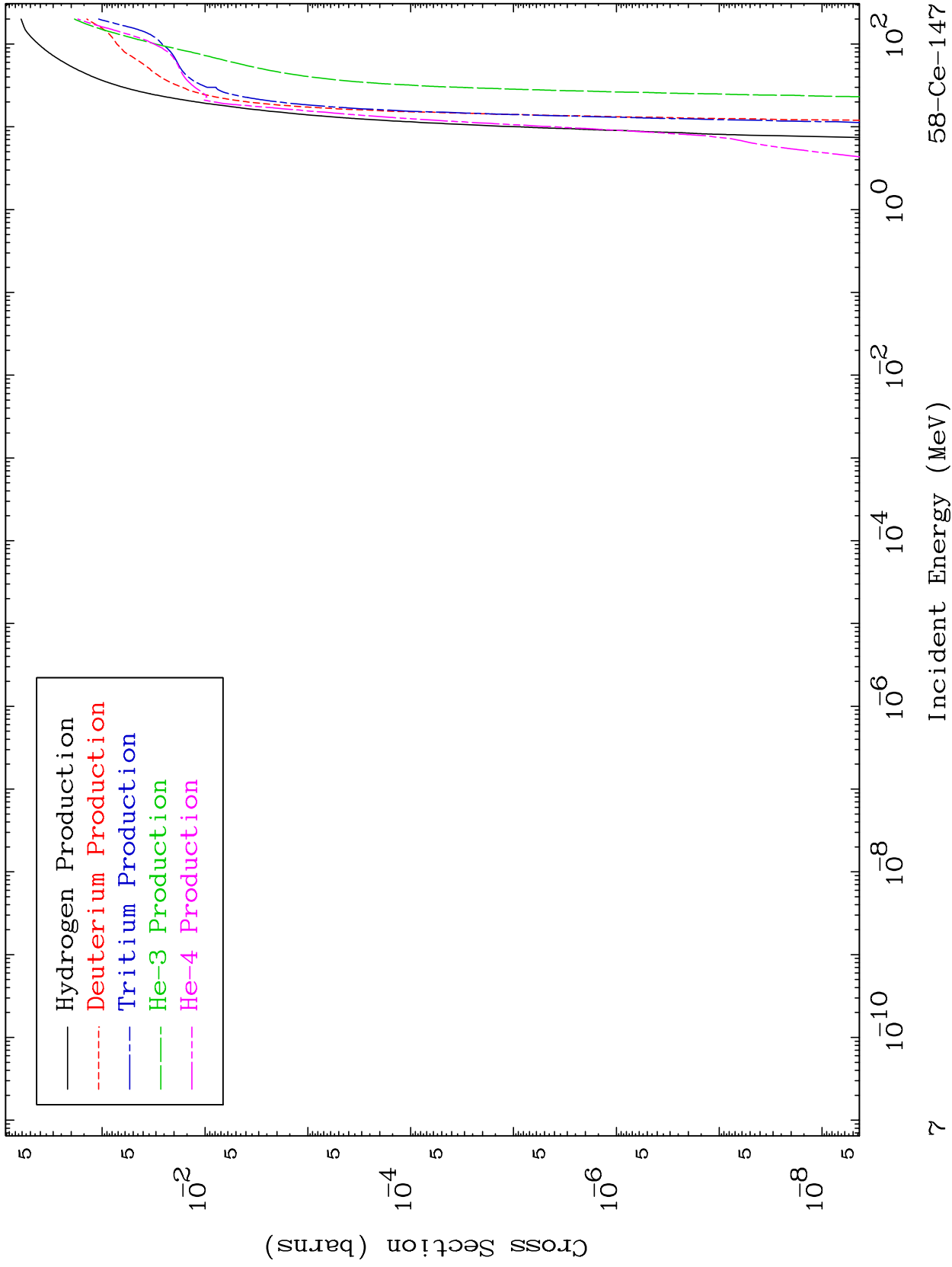
58-Ce-147



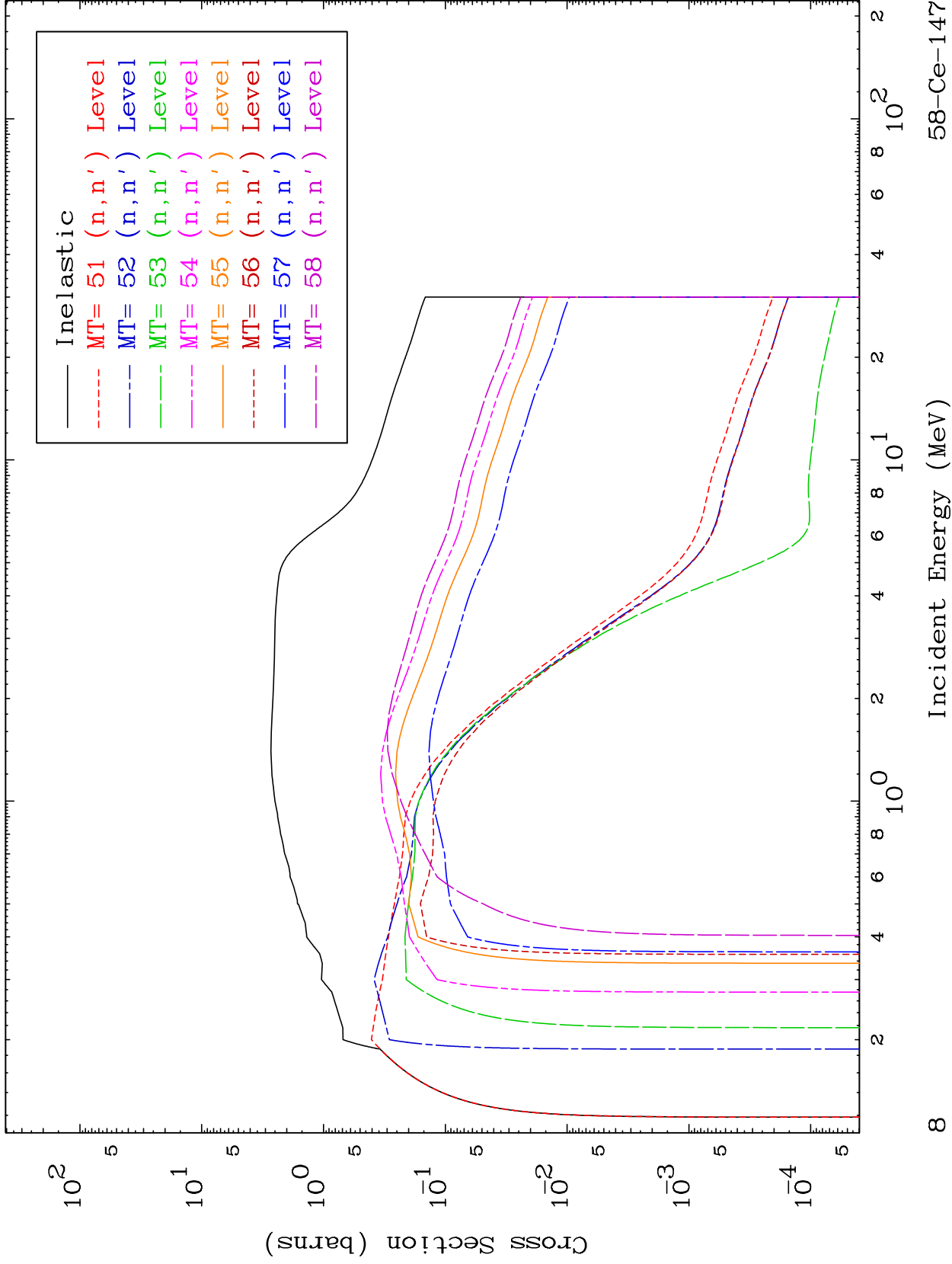
MAT 5858

Particle Production
293 Kelvin Cross Sections

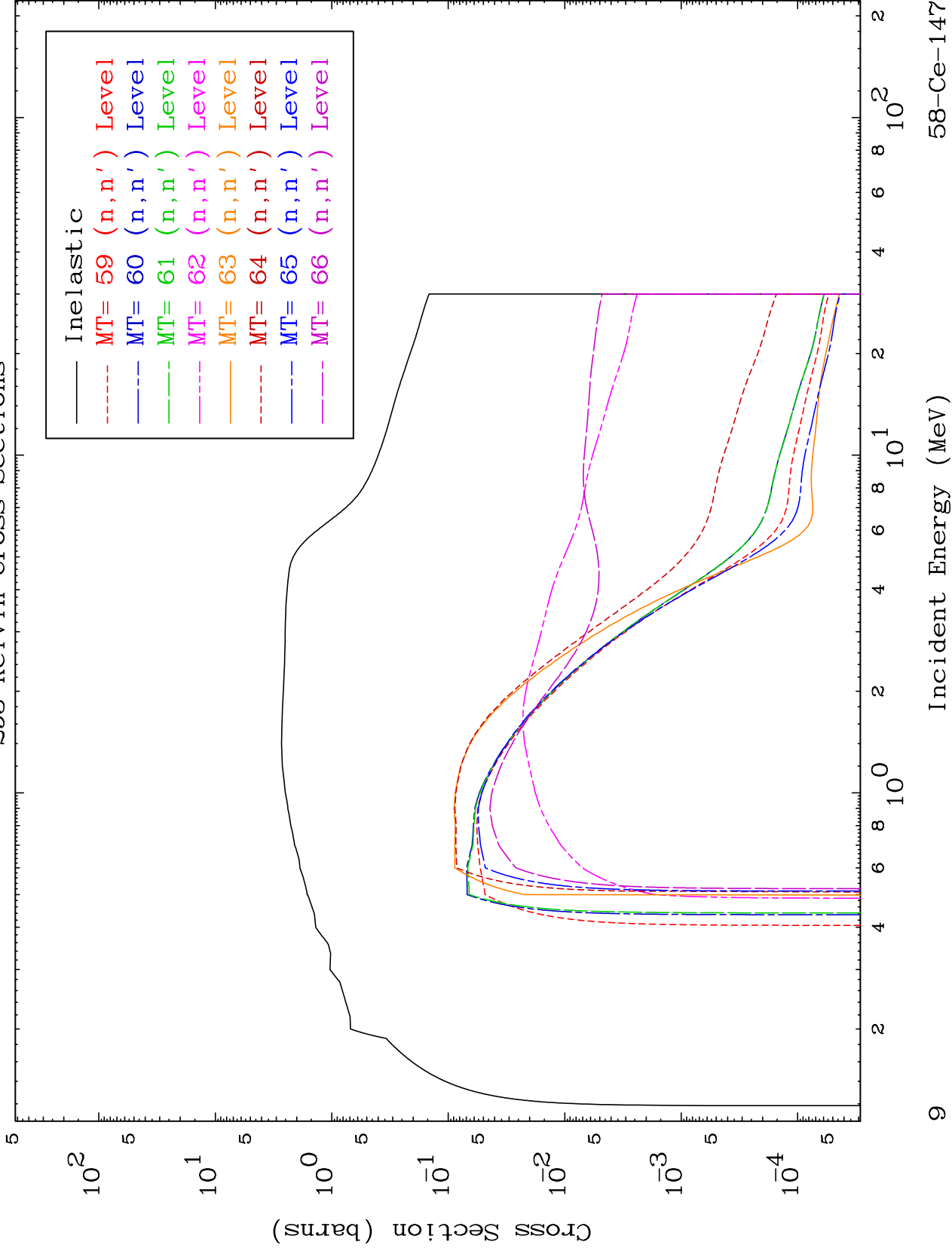
58-Ce-147



293 Kelvin Cross Sections



293 Kelvin Cross Sections

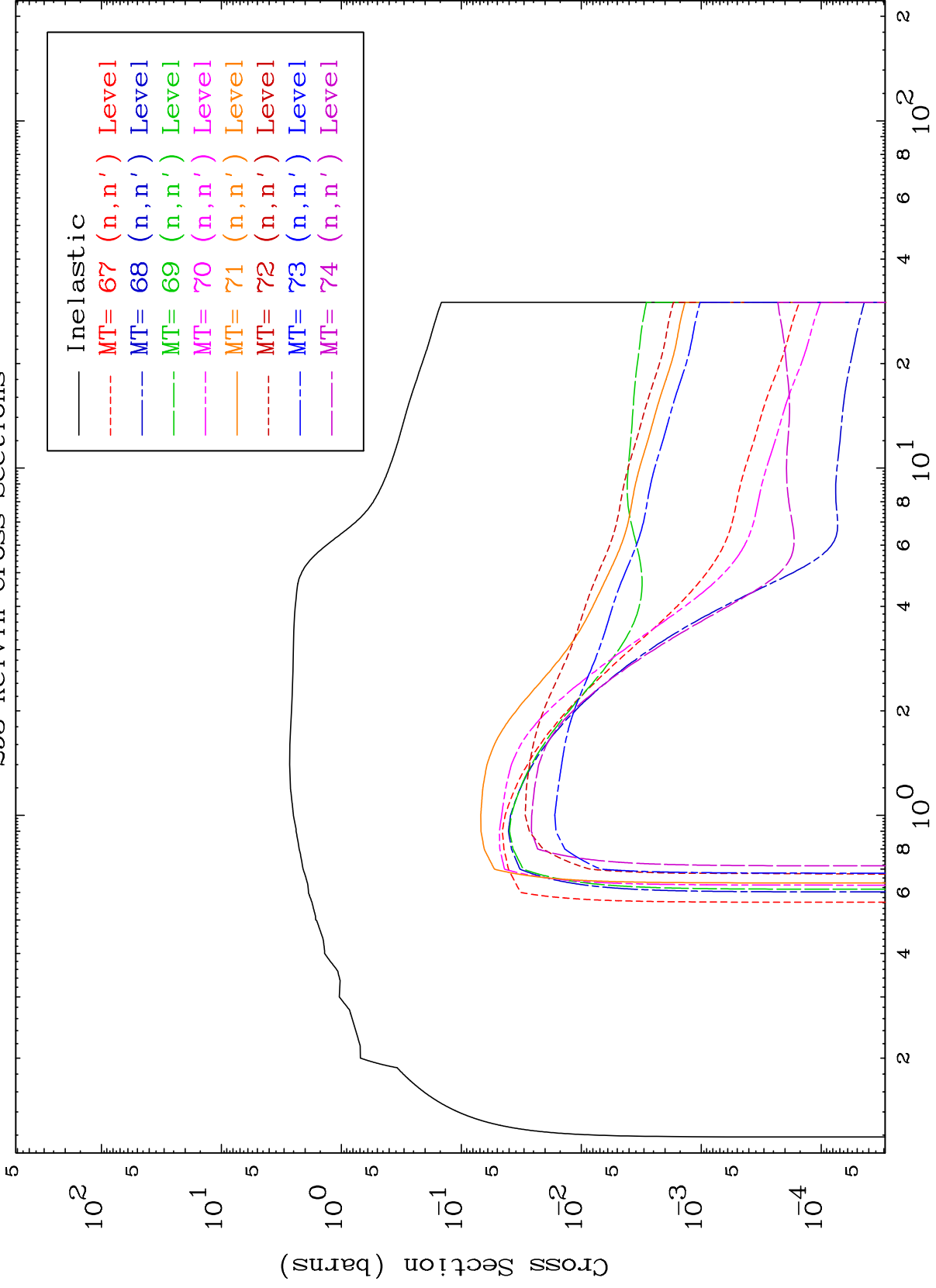


MAT 5858

(n,n') Levels

293 Kelvin Cross Sections

58-Ce-147

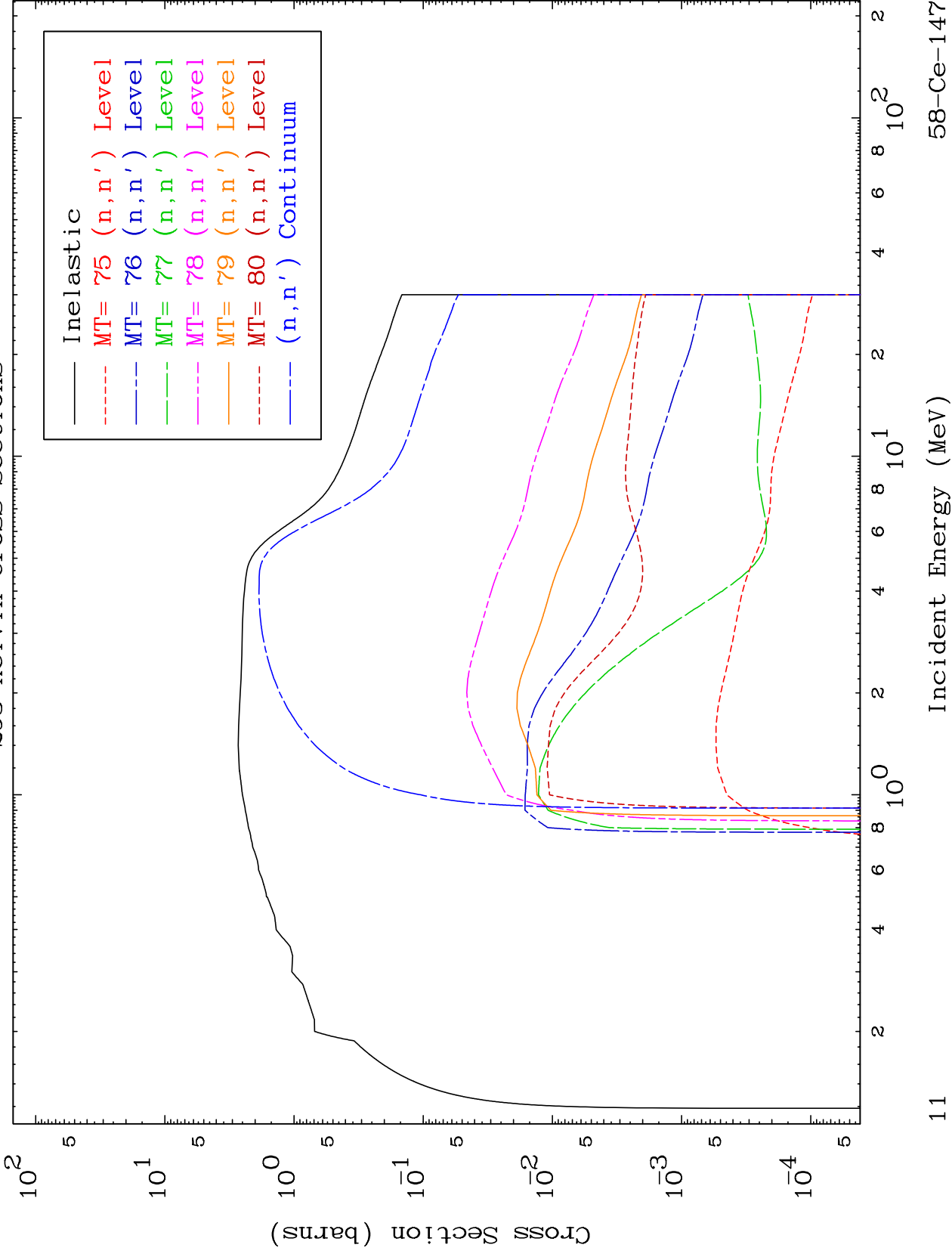


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Incident Energy (MeV)

58-Ce-147

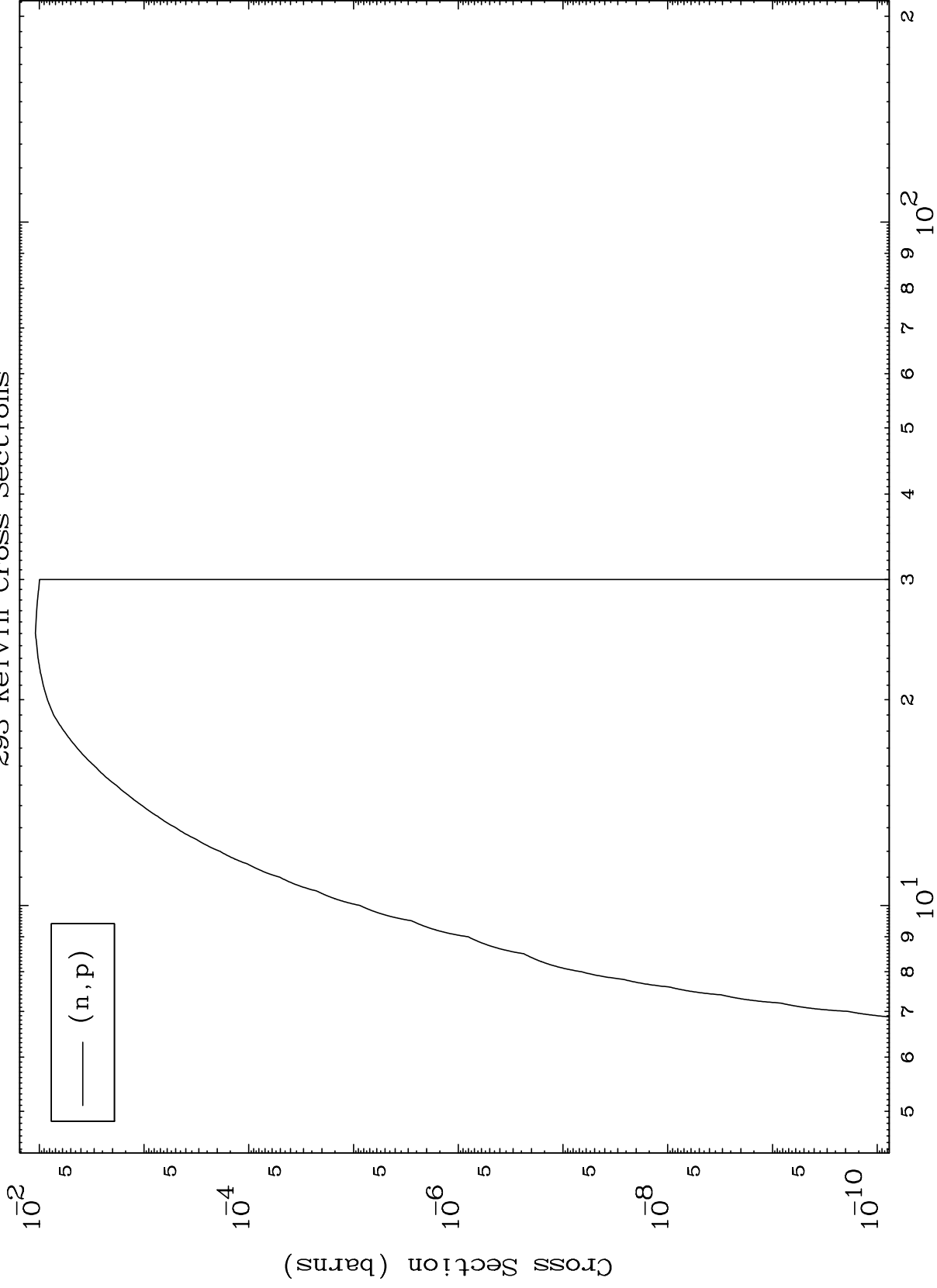
293 Kelvins Cross Sections



MAT 5858

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-147



12

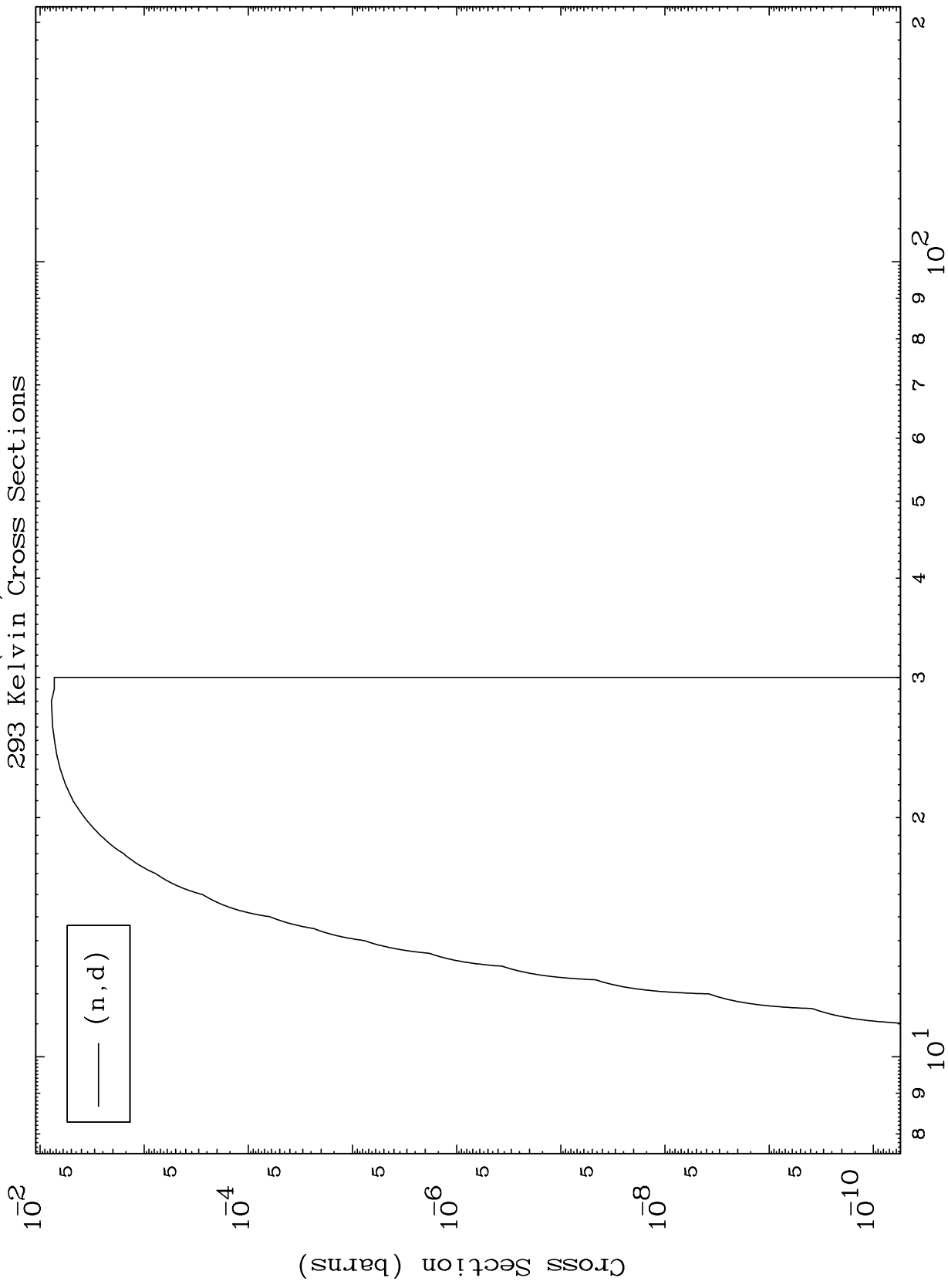
Incident Energy (MeV)

58-Ce-147

MAT 5858

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-147



13

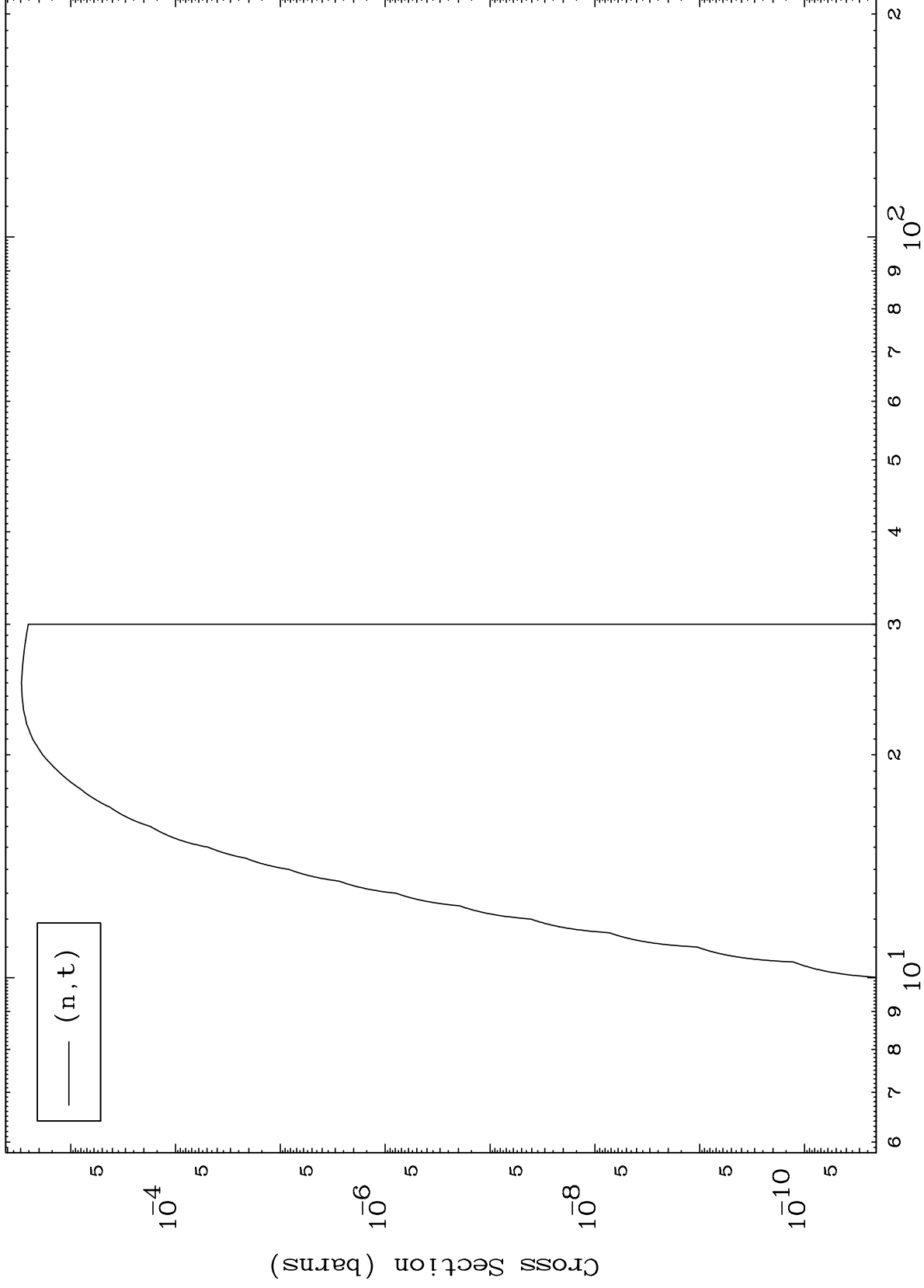
Incident Energy (MeV)

58-Ce-147

MAT 5858

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-147



14

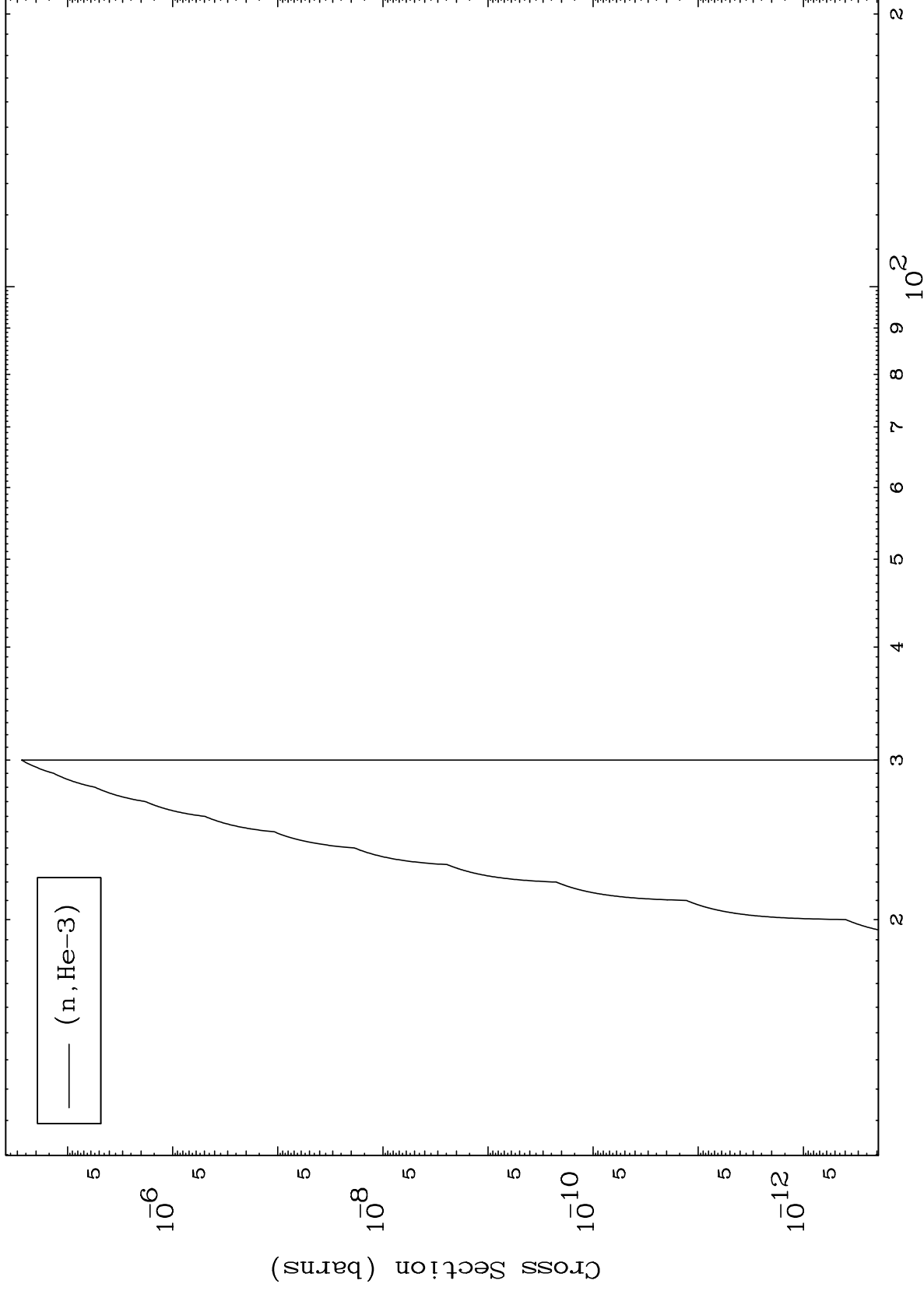
Incident Energy (MeV)

58-Ce-147

MAT 5858

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-147



15

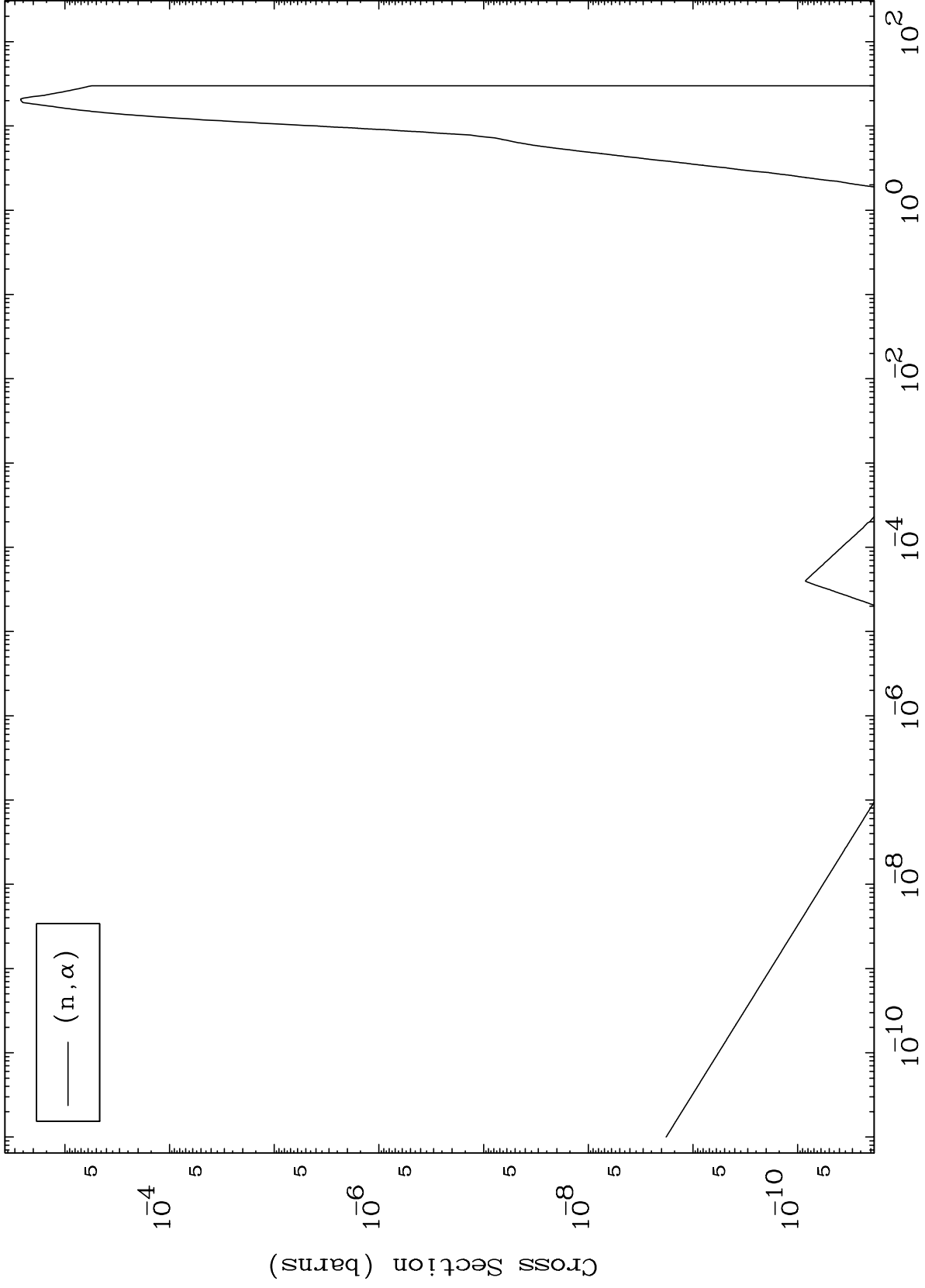
Incident Energy (MeV)

58-Ce-147

MAT 5858

(n, α) Levels
293 Kelvin Cross Sections

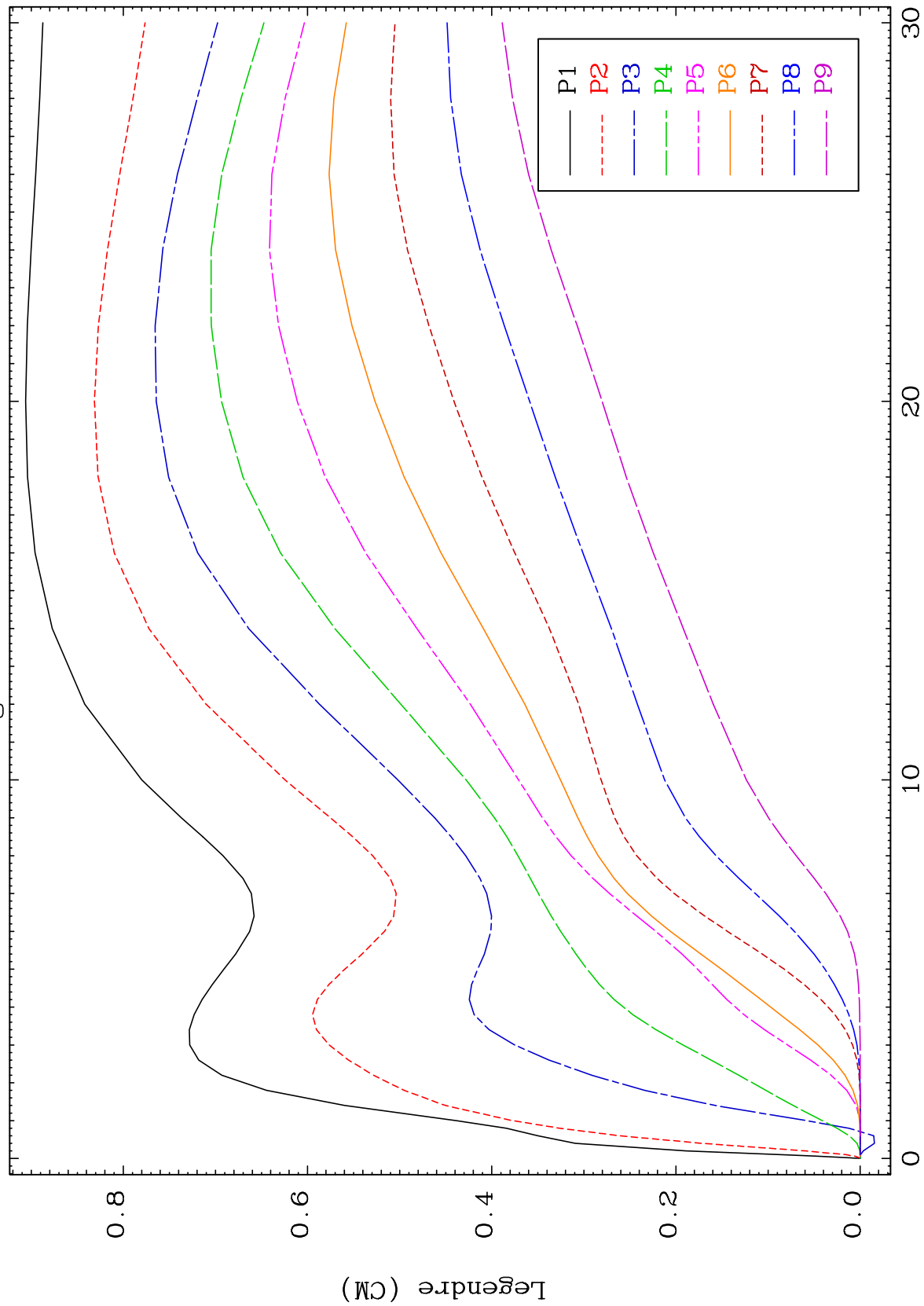
58-Ce-147



MAT 5858

Elastic Legendre Coefficients

58-Ce-147



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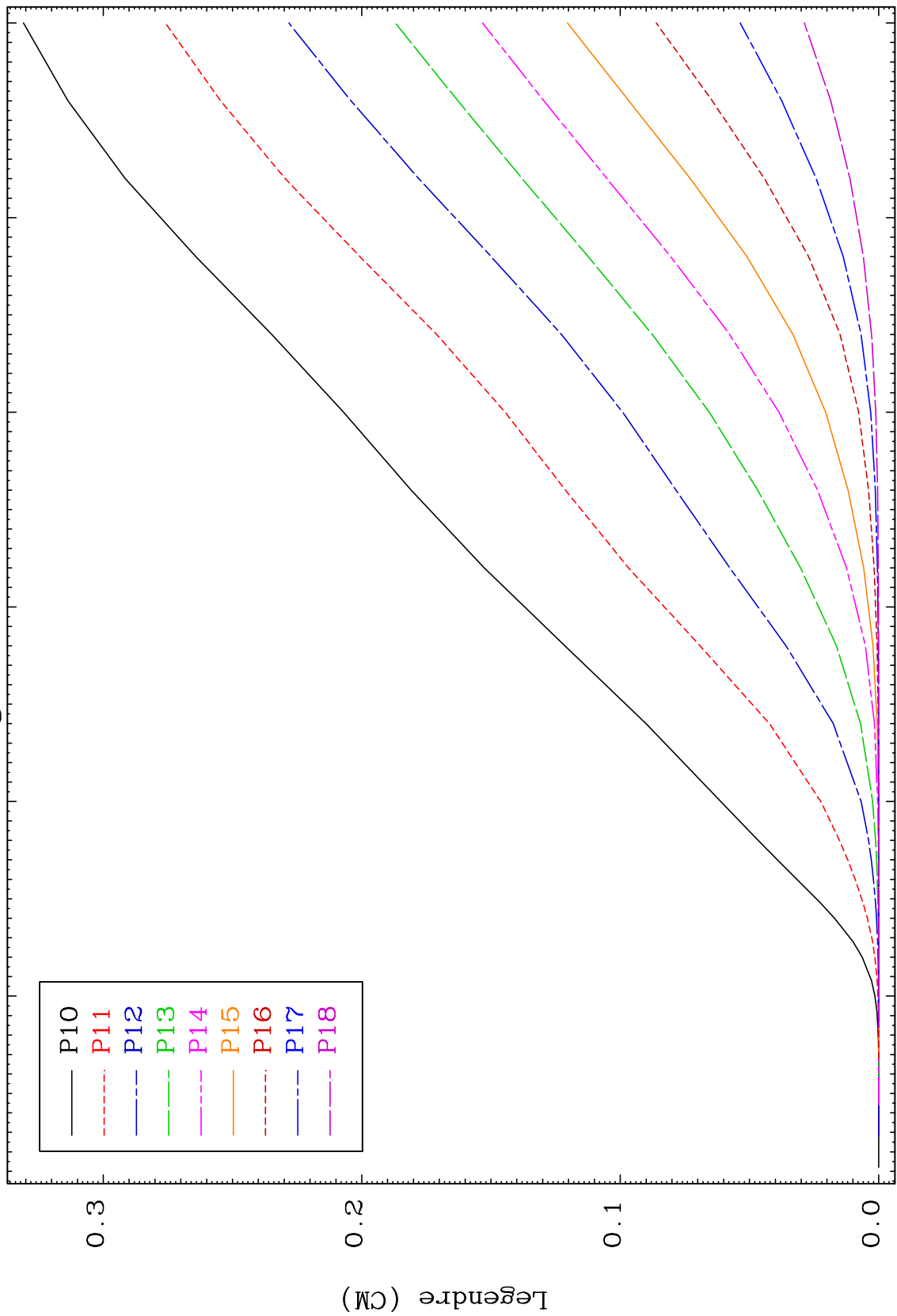
Incident Energy (MeV)

58-Ce-147

MAT 5858

Elastic Legendre Coefficients

58-Ce-147



18

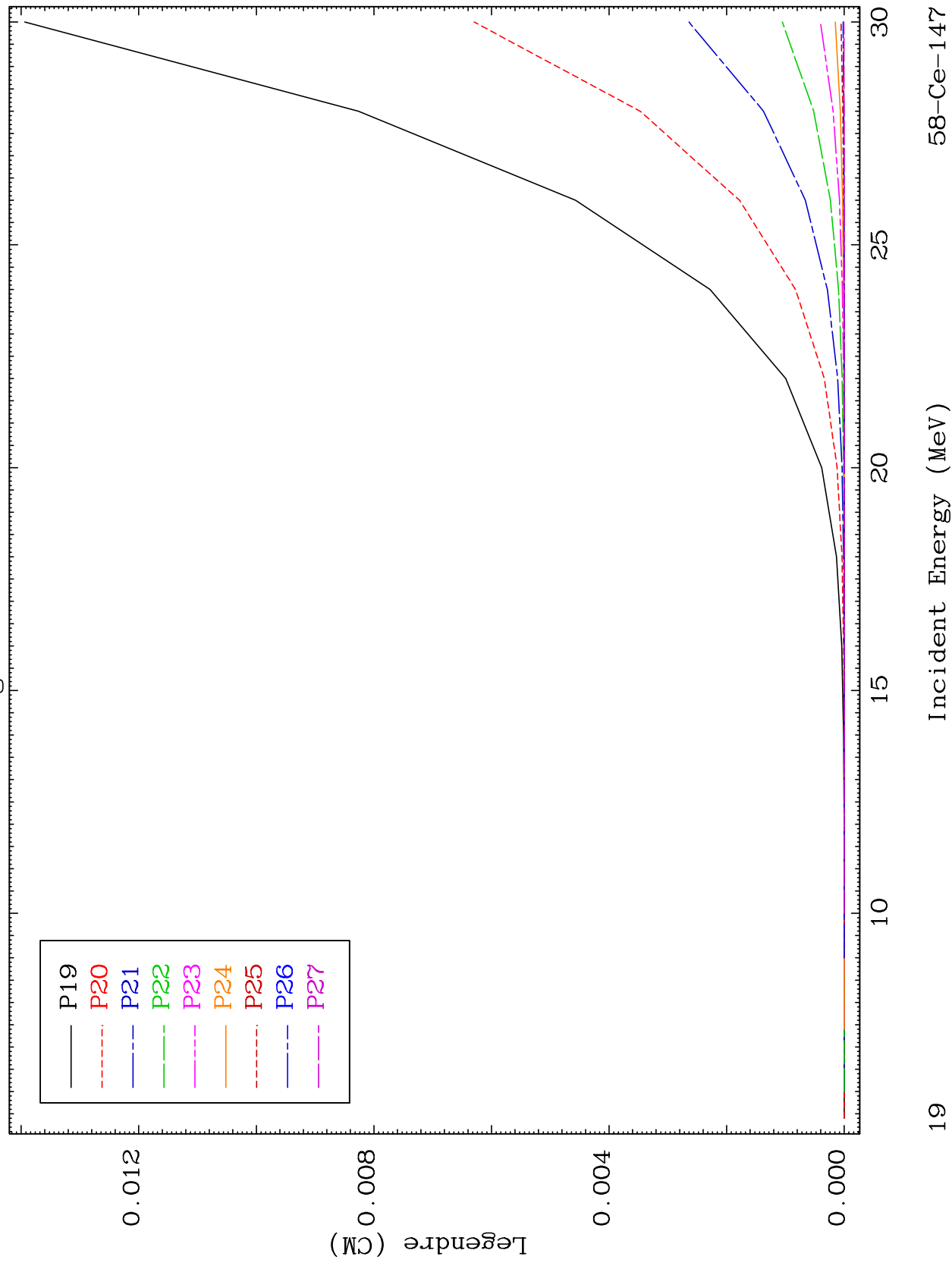
Incident Energy (MeV)

58-Ce-147

MAT 5858

Elastic Legendre Coefficients

58-Ce-147



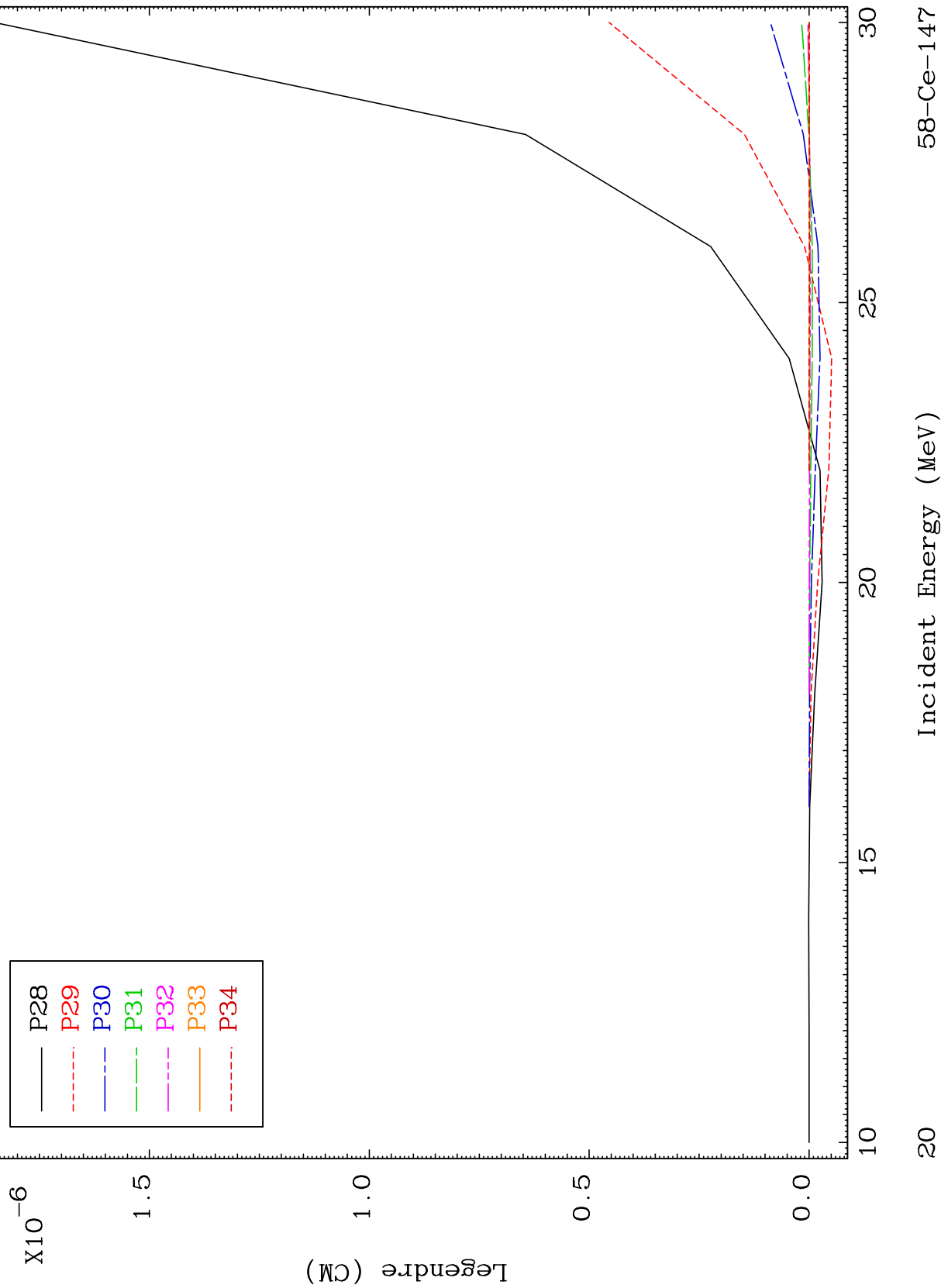
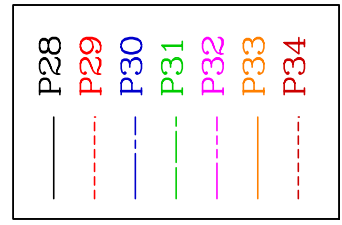
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58-Ce-147

MAT 5858

Elastic Legendre Coefficients

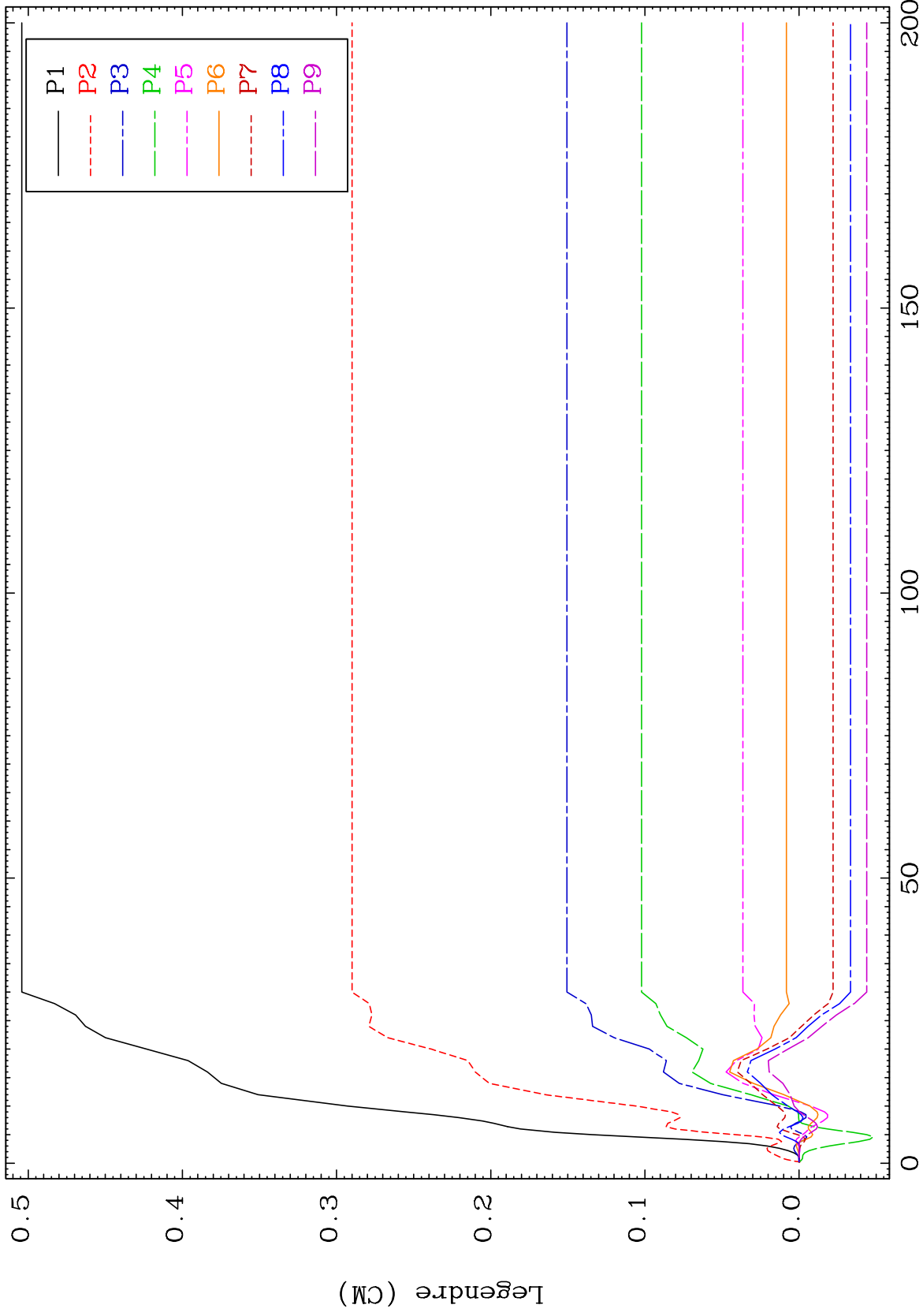
58-Ce-147



MAT 5858

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

58-Ce-147



58-Ce-147

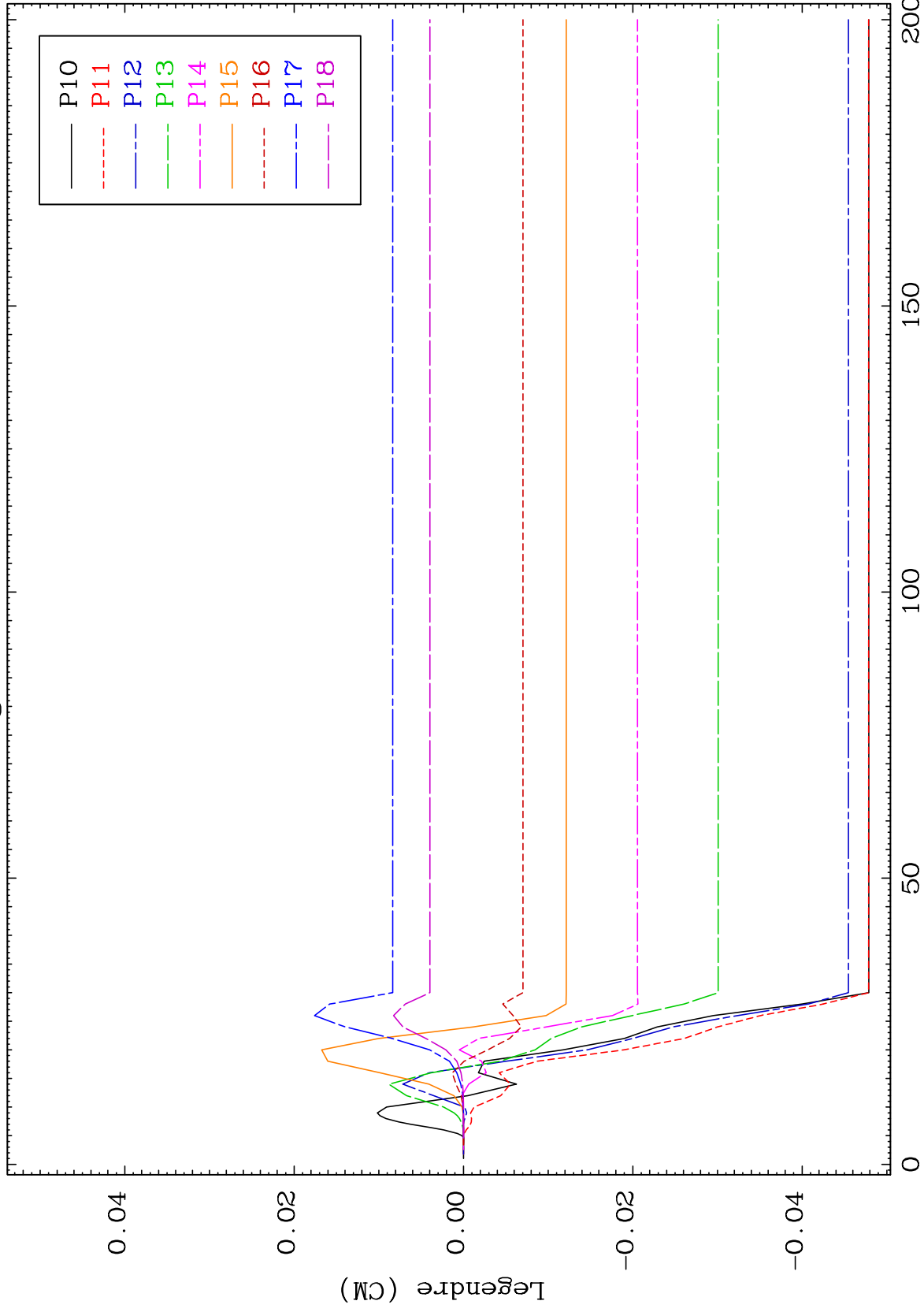
Incident Energy (MeV)

21

MAT 5858

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

58-Ce-147



22

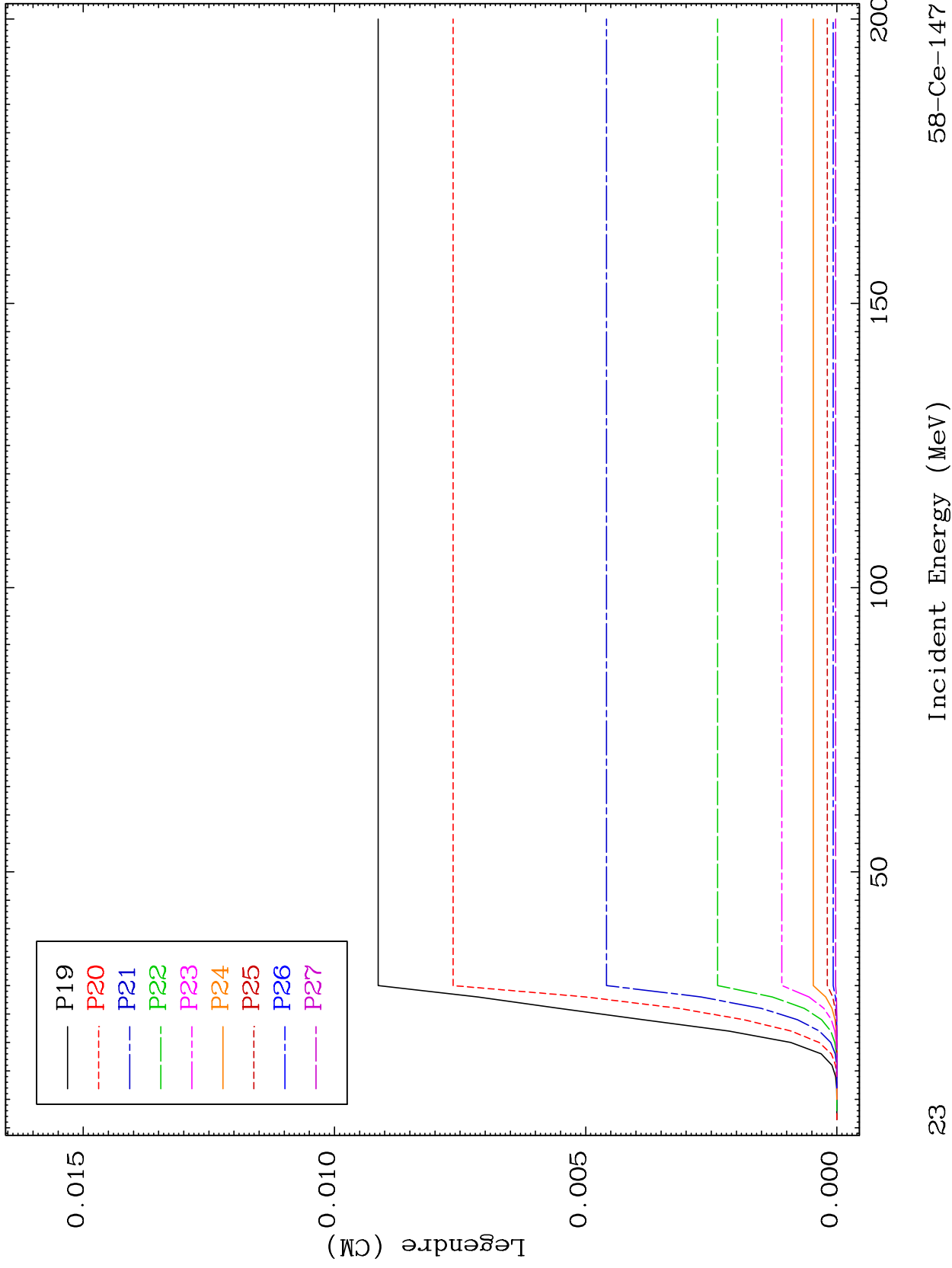
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

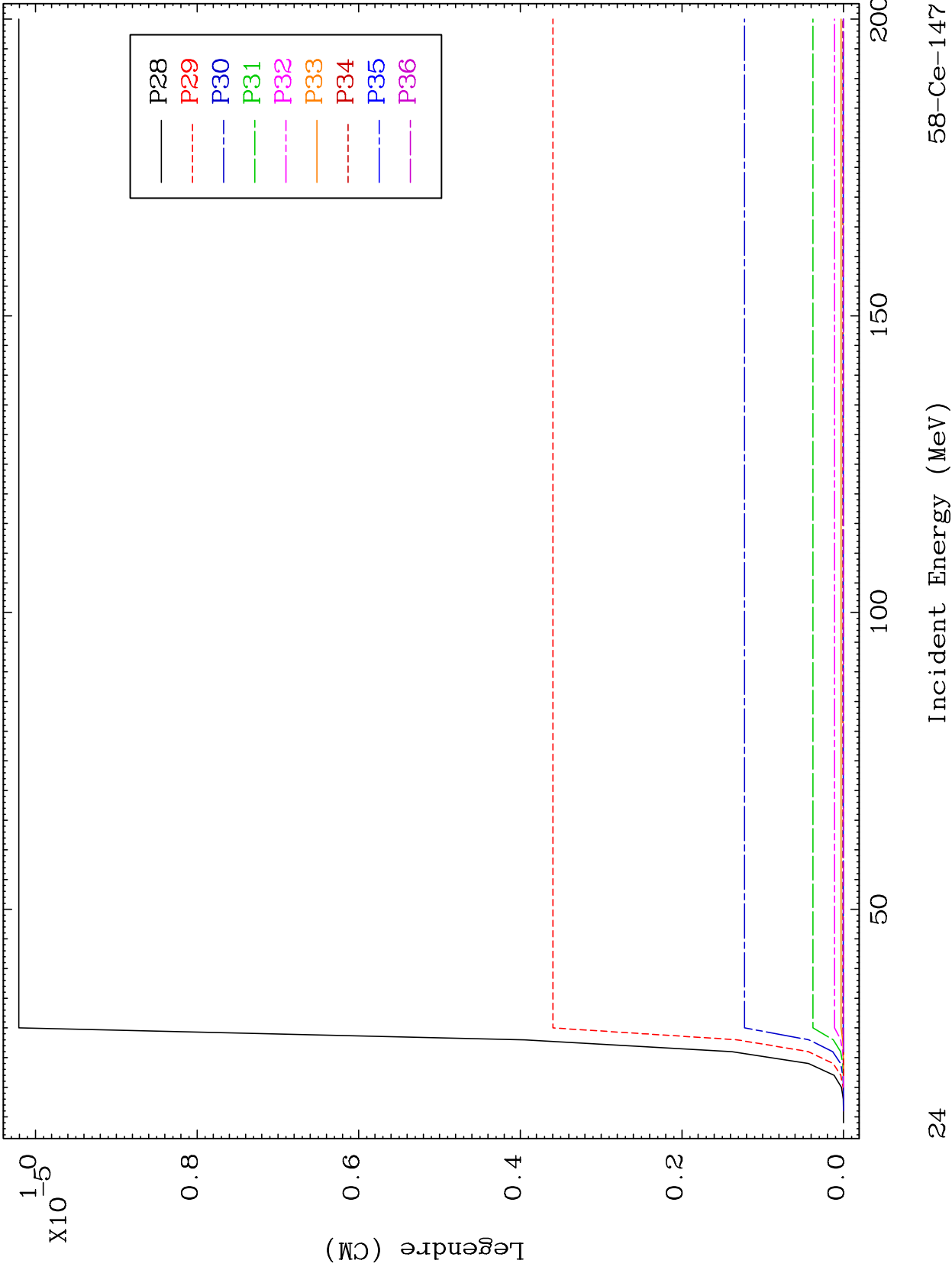
58-Ce-147



MAT 5858

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

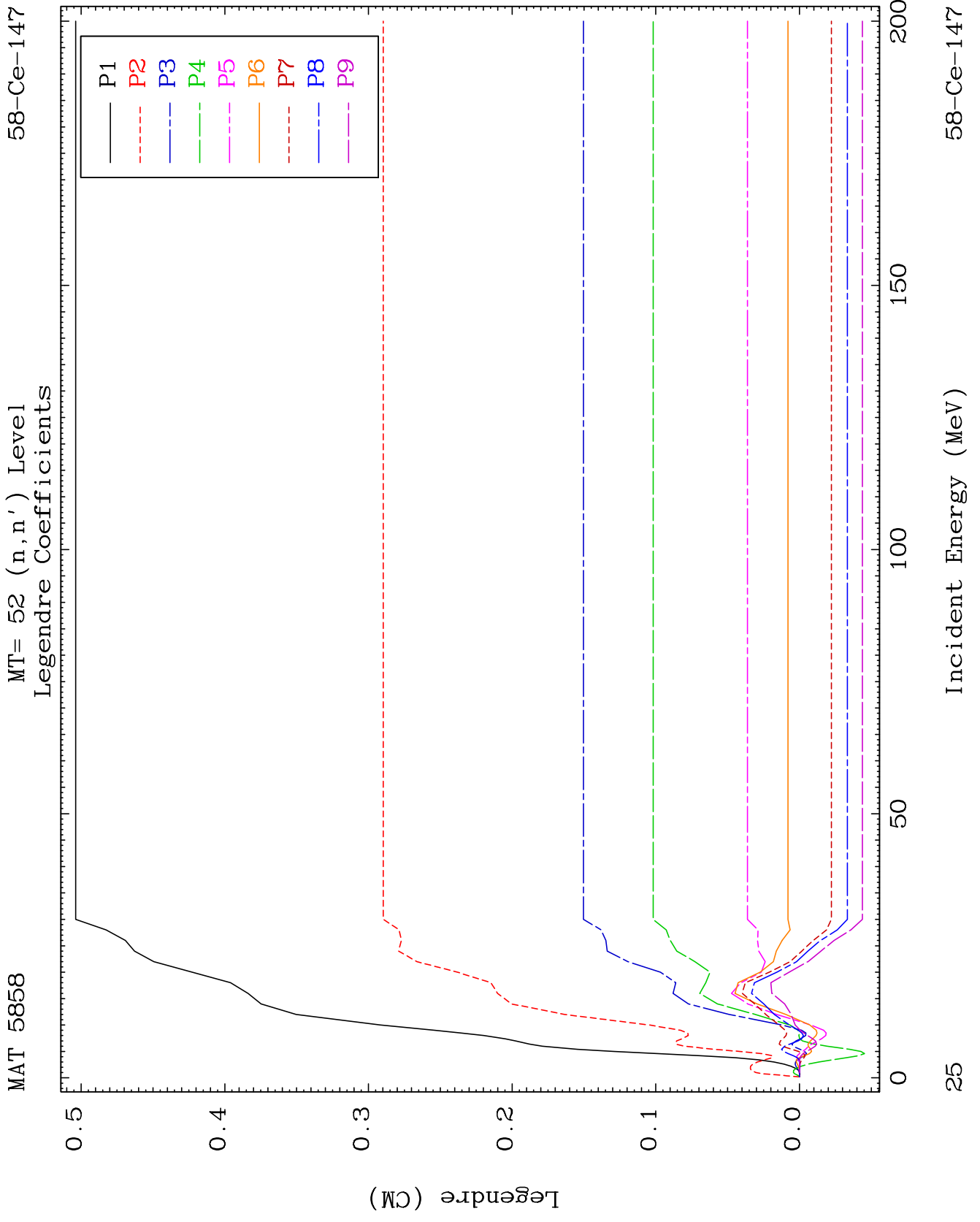
58-Ce-147



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Incident Energy (MeV)

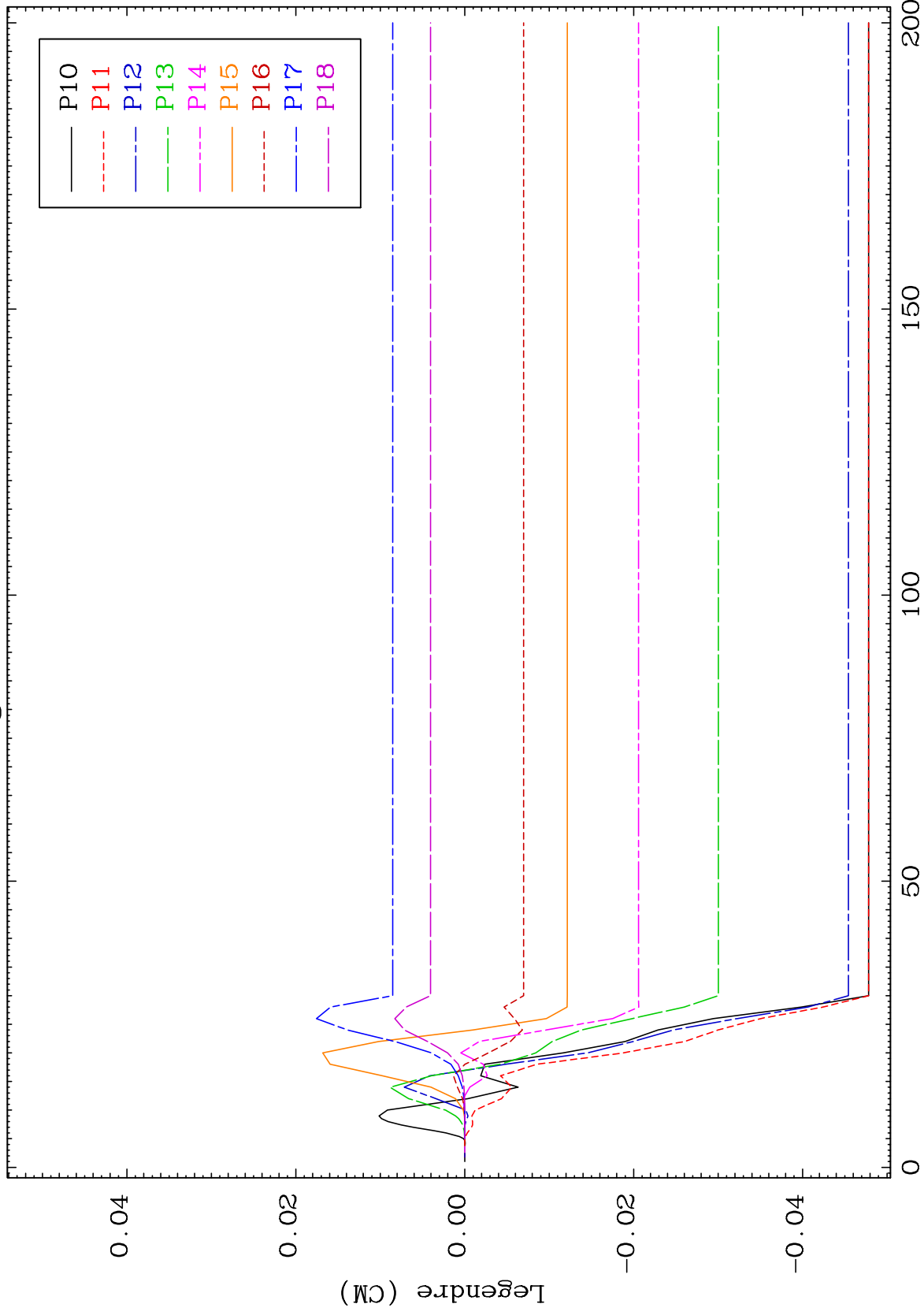
58-Ce-147



MAT 5858

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

58-Ce-147



26

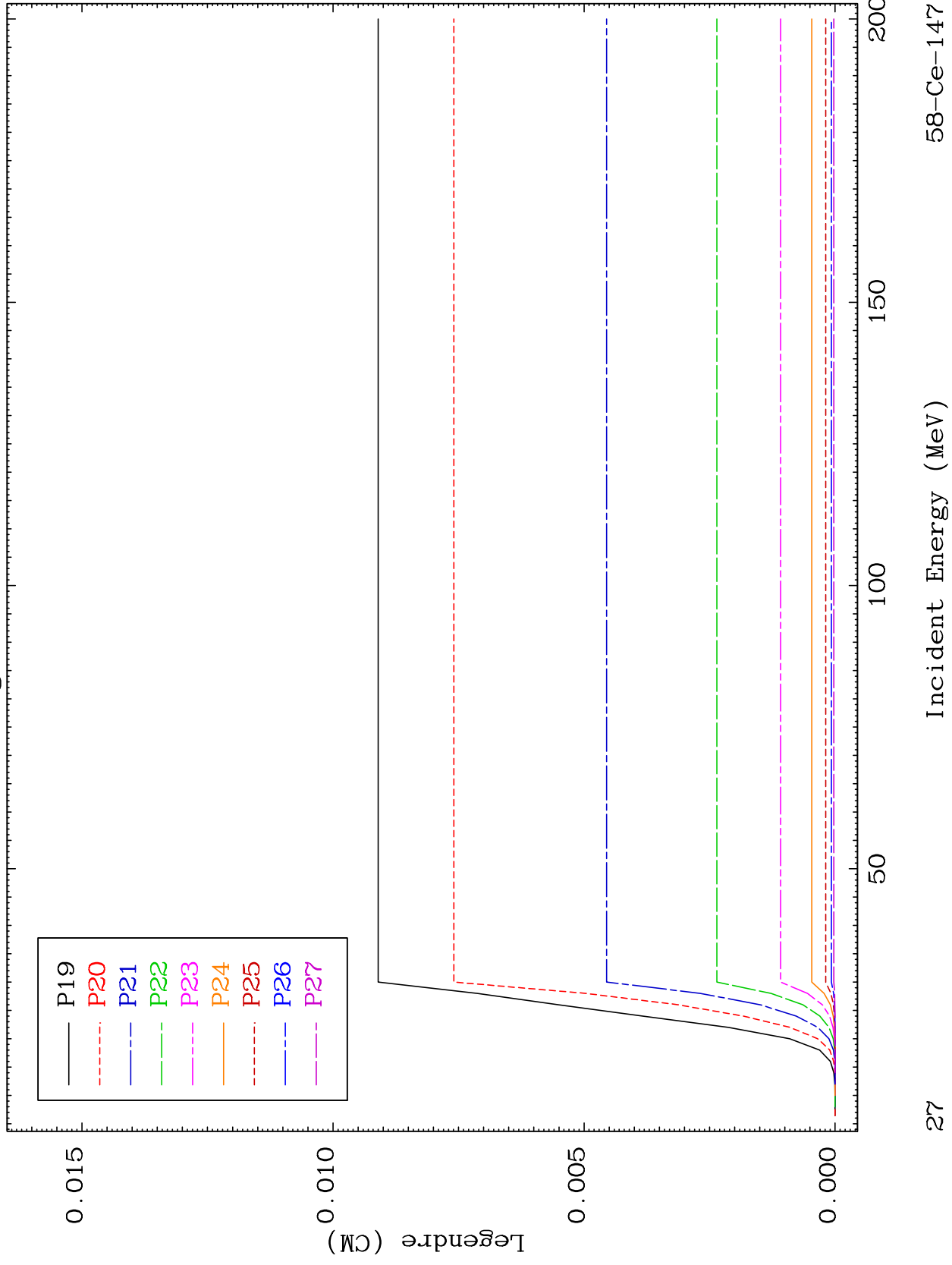
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

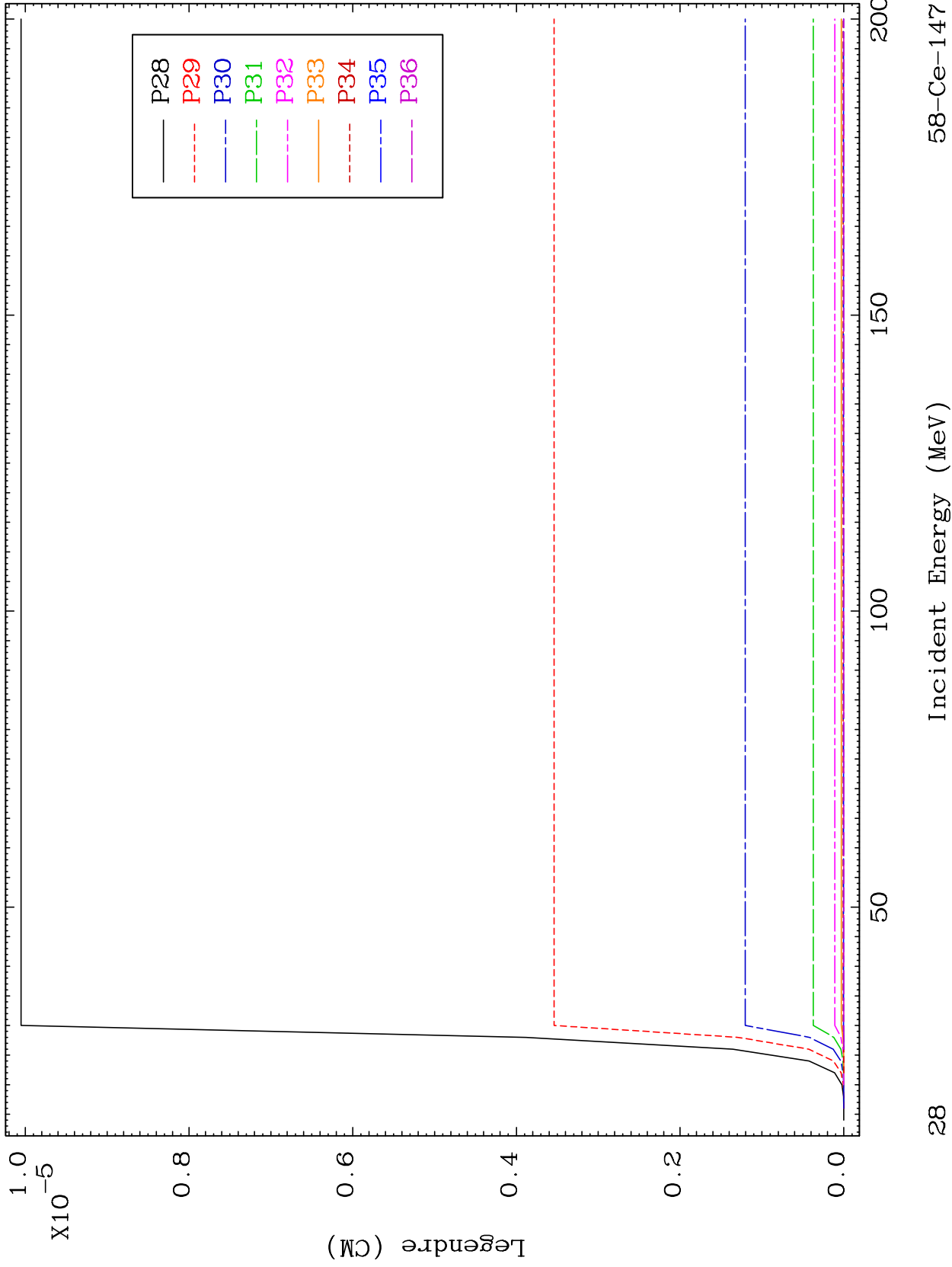
58-Ce-147



MAT 5858

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

58-Ce-147



28

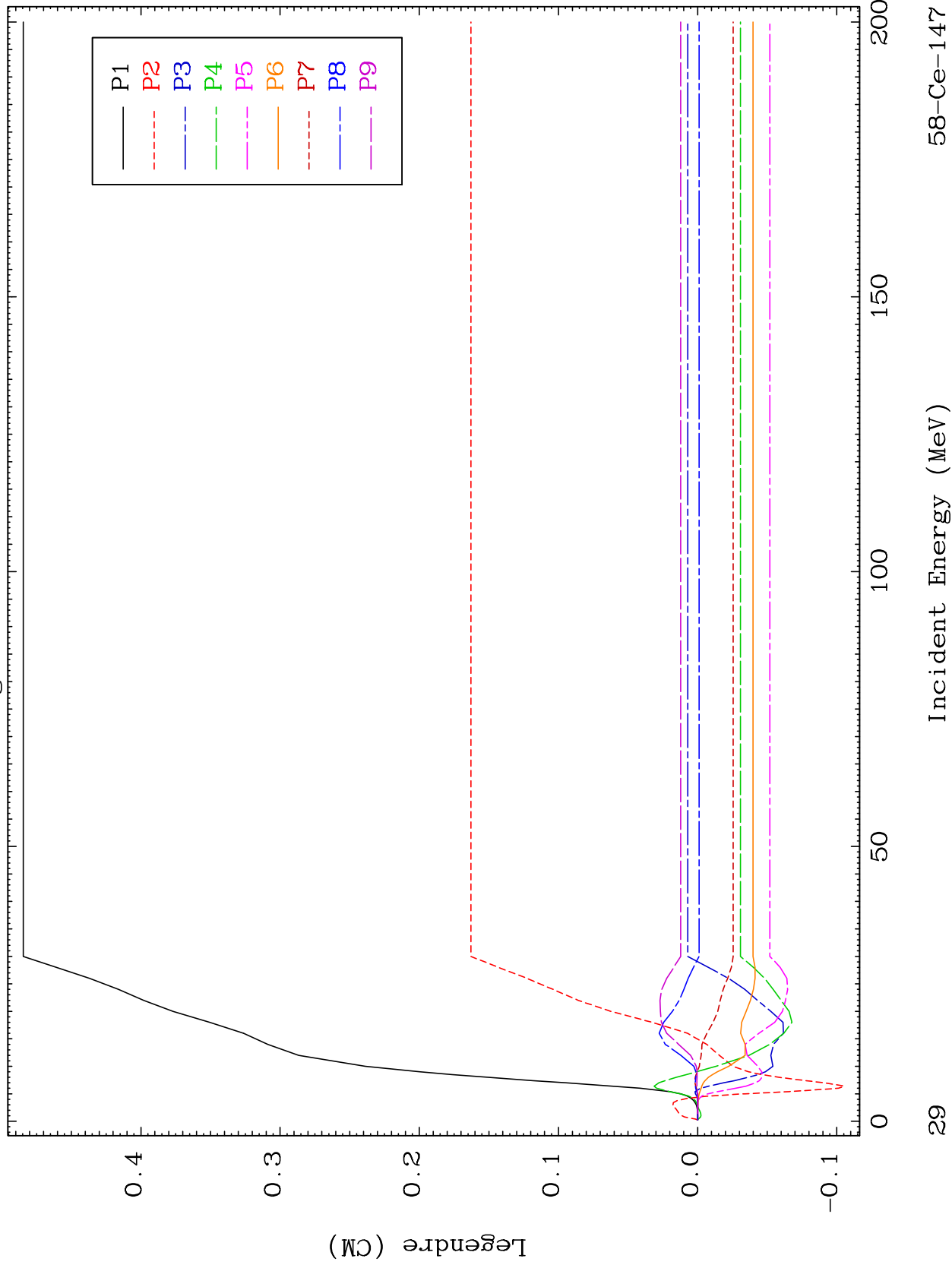
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

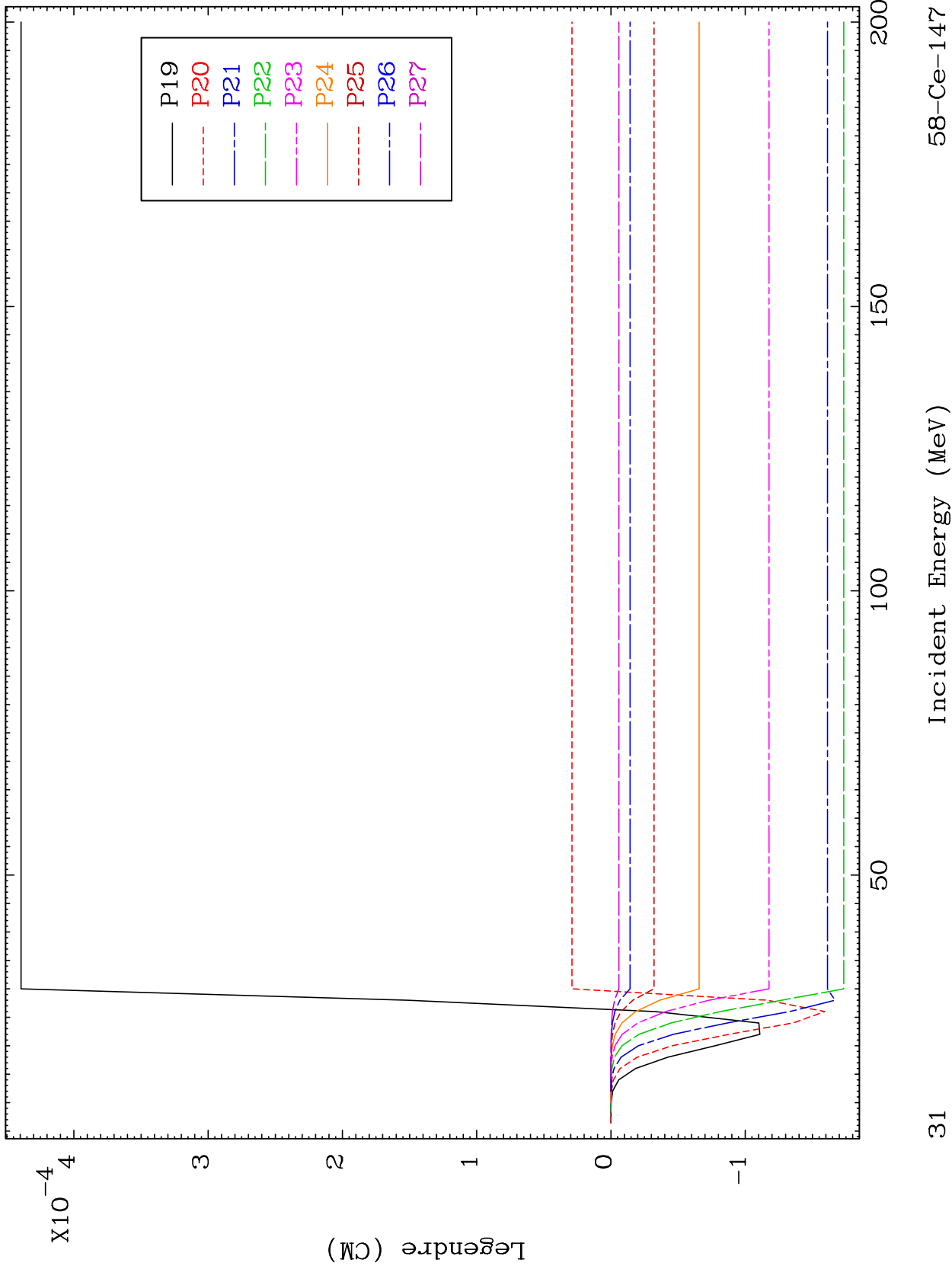
58-Ce-147

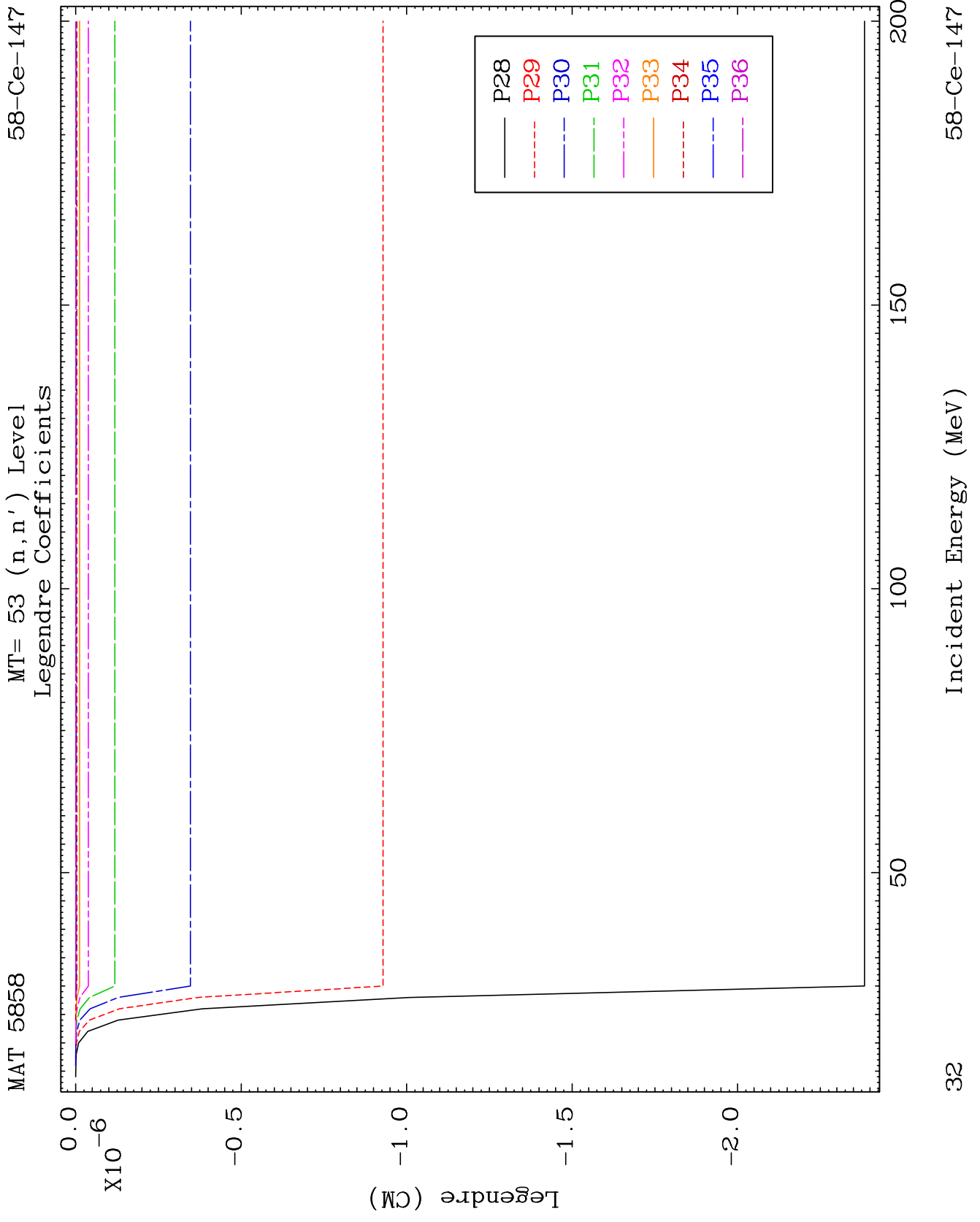


58-Ce-147

Incident Energy (MeV)

29

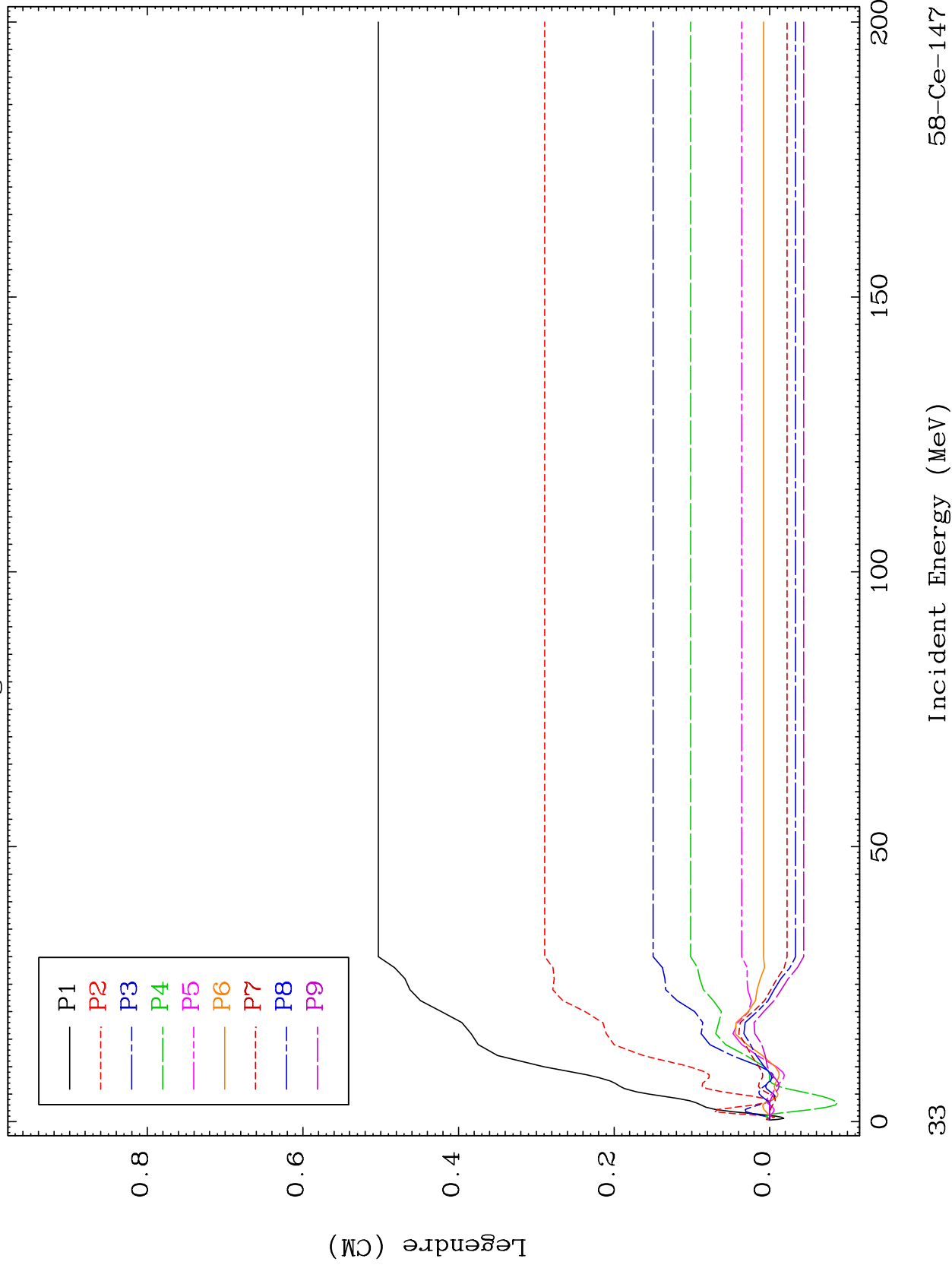




MAT 5858

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

58-Ce-147



58-Ce-147

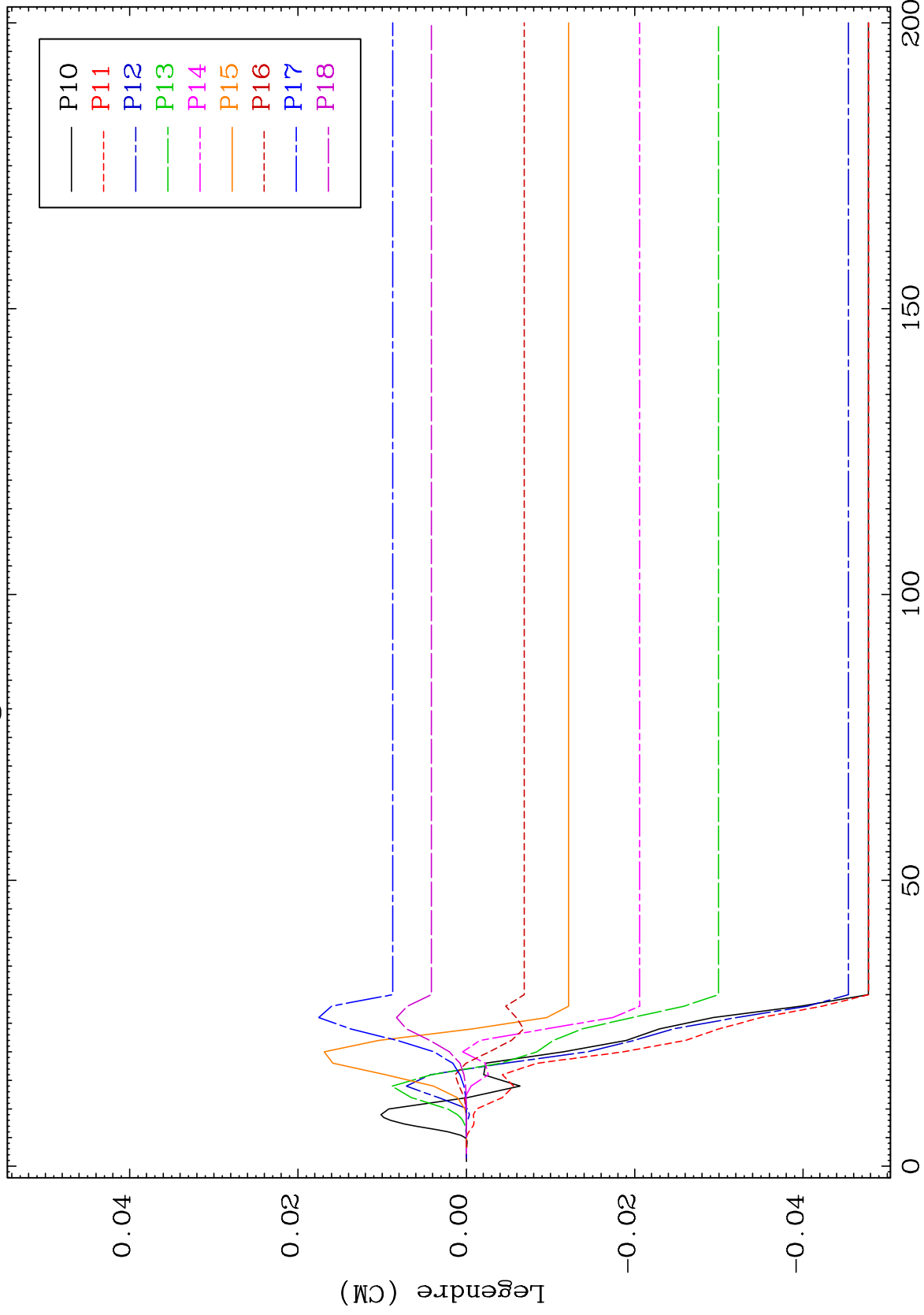
Incident Energy (MeV)

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MAT 5858

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

58-Ce-147



34

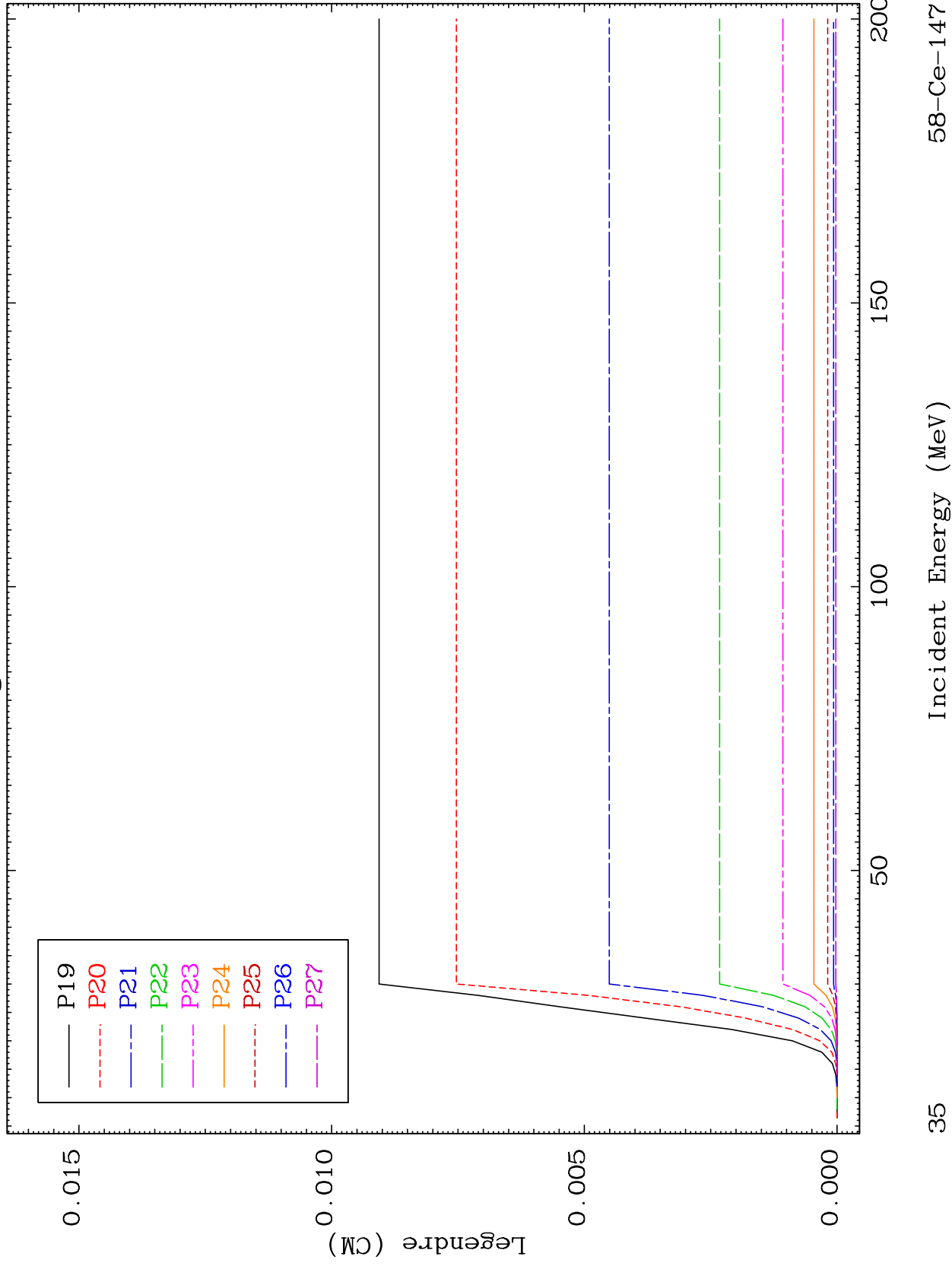
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



35

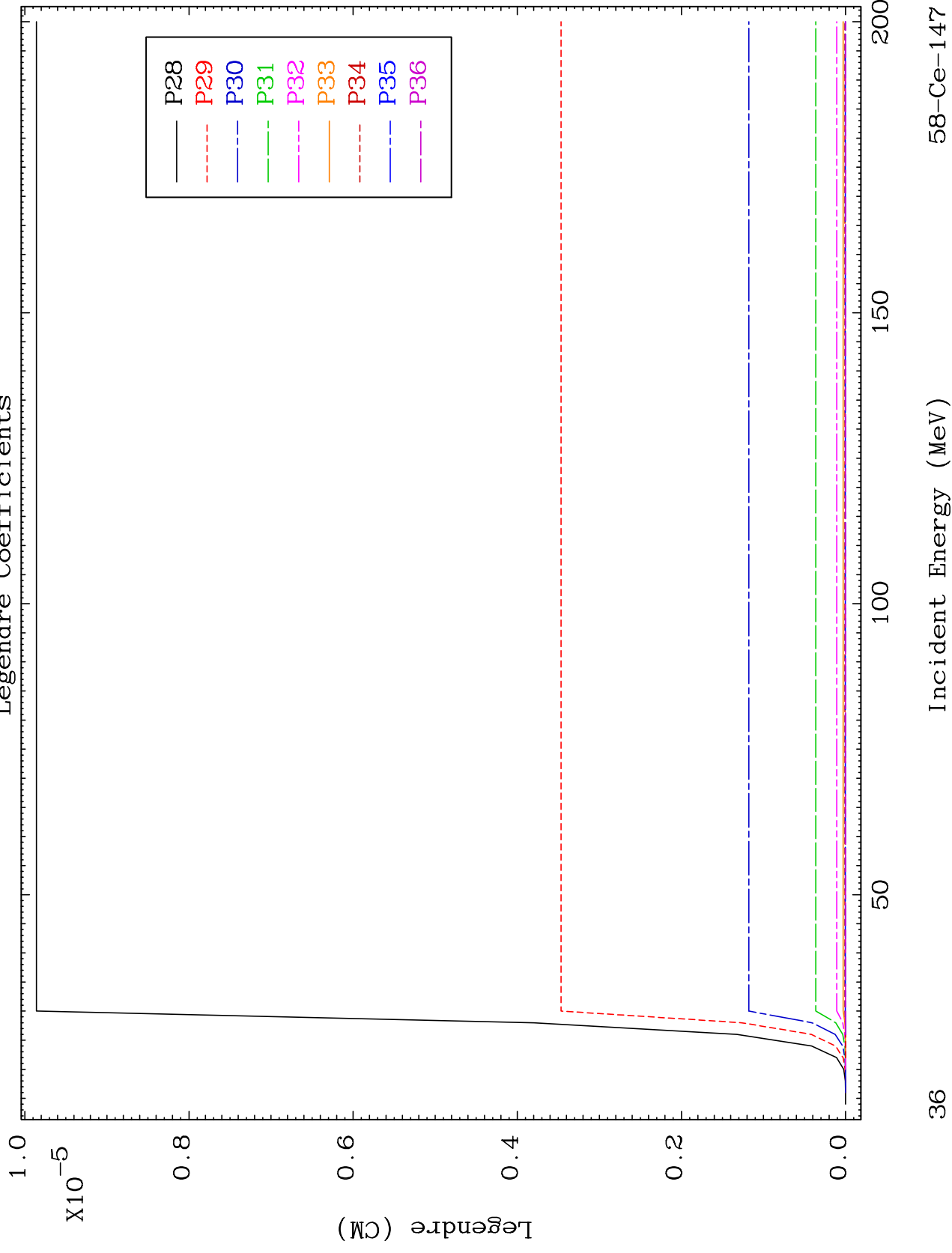
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



36

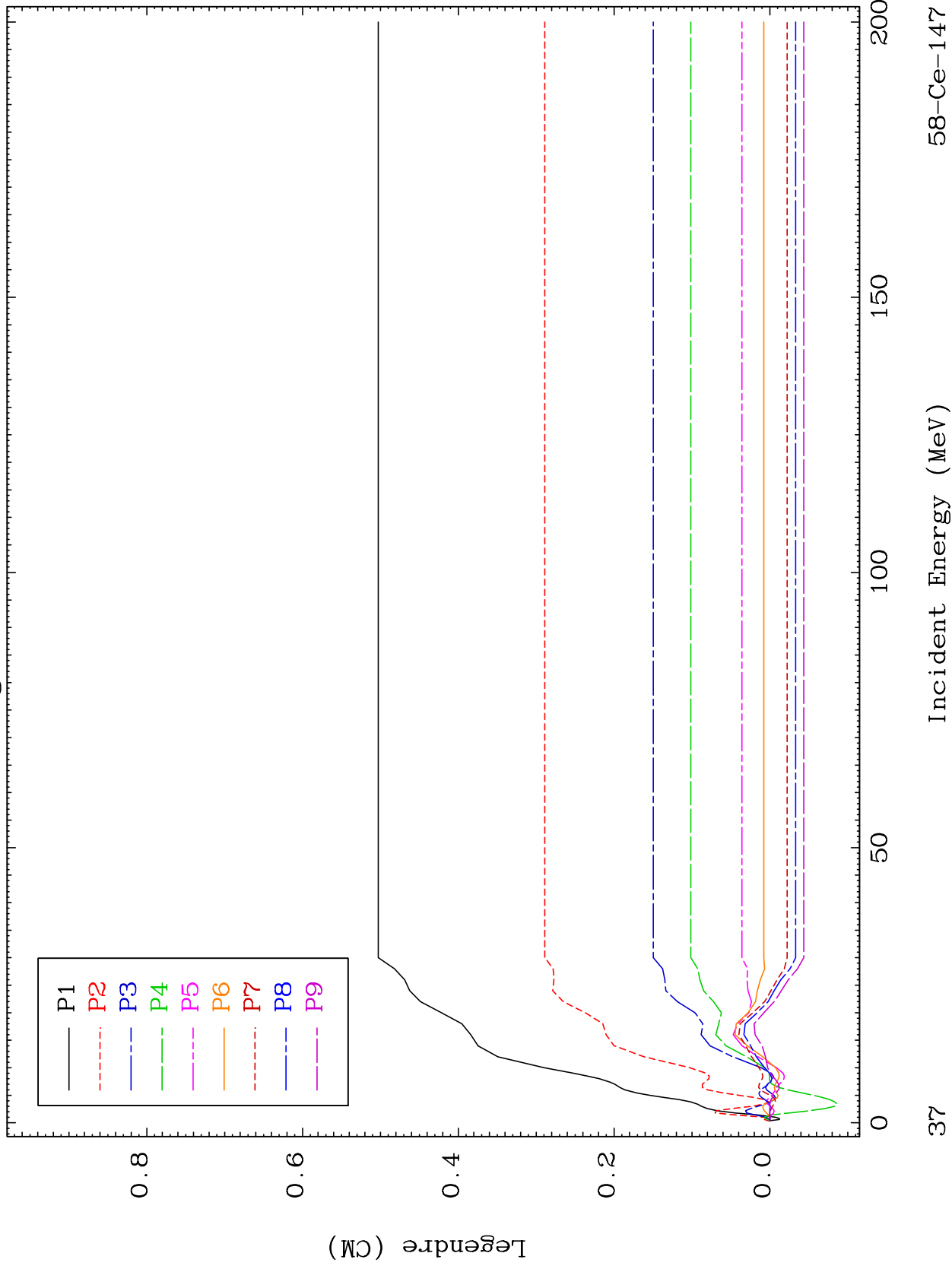
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

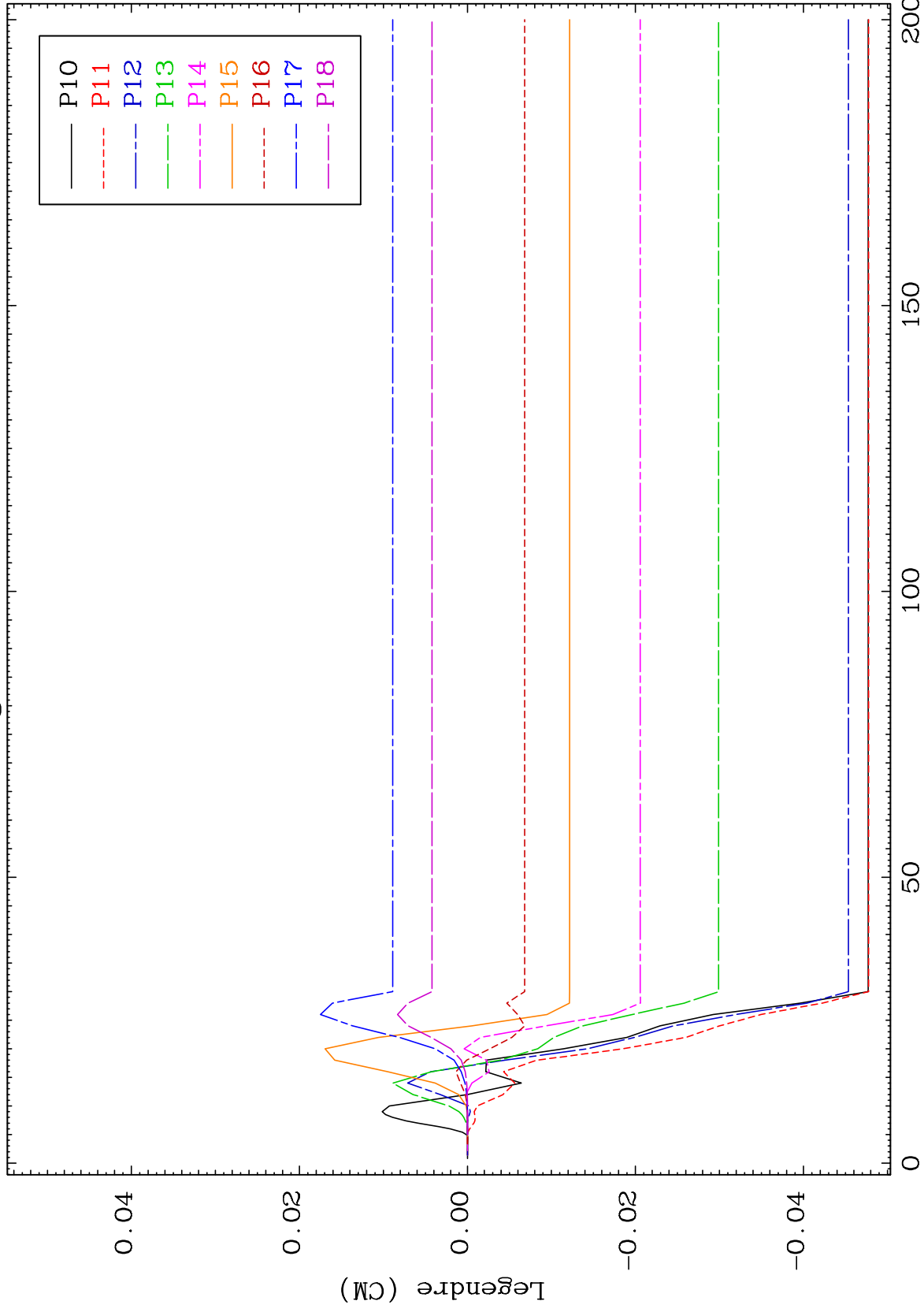
Incident Energy (MeV)

37

MAT 5858

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

58-Ce-147



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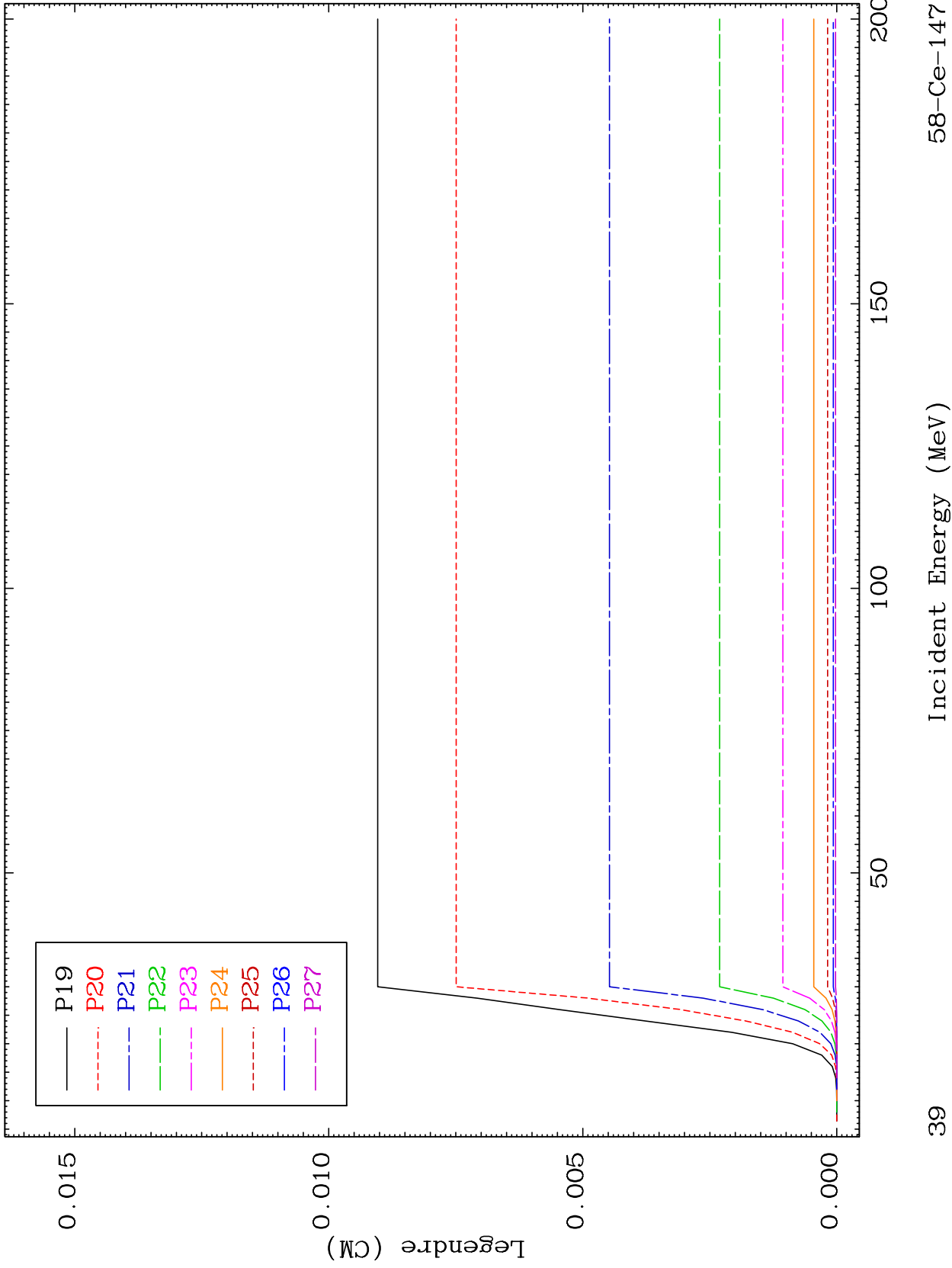
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



39

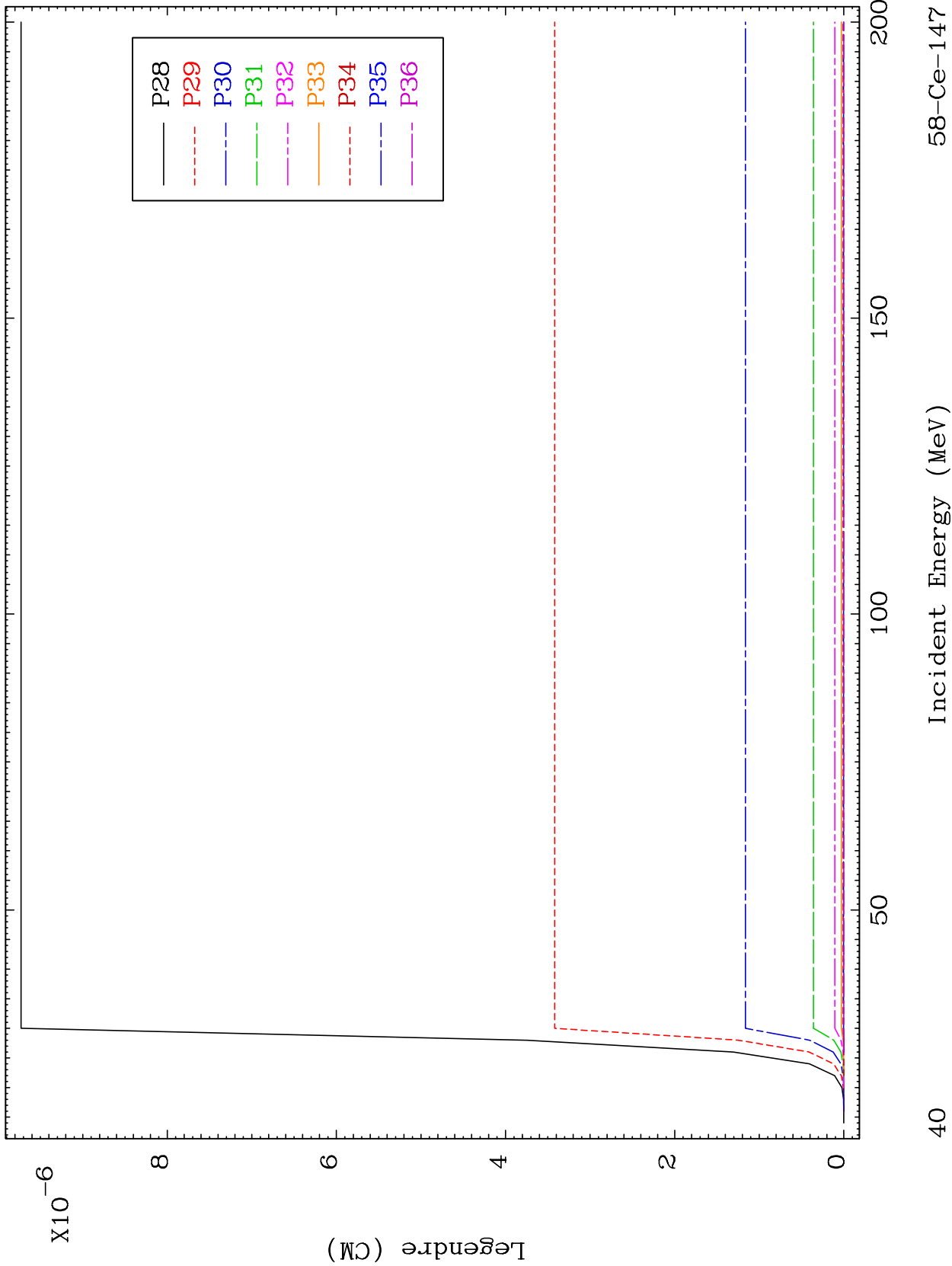
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

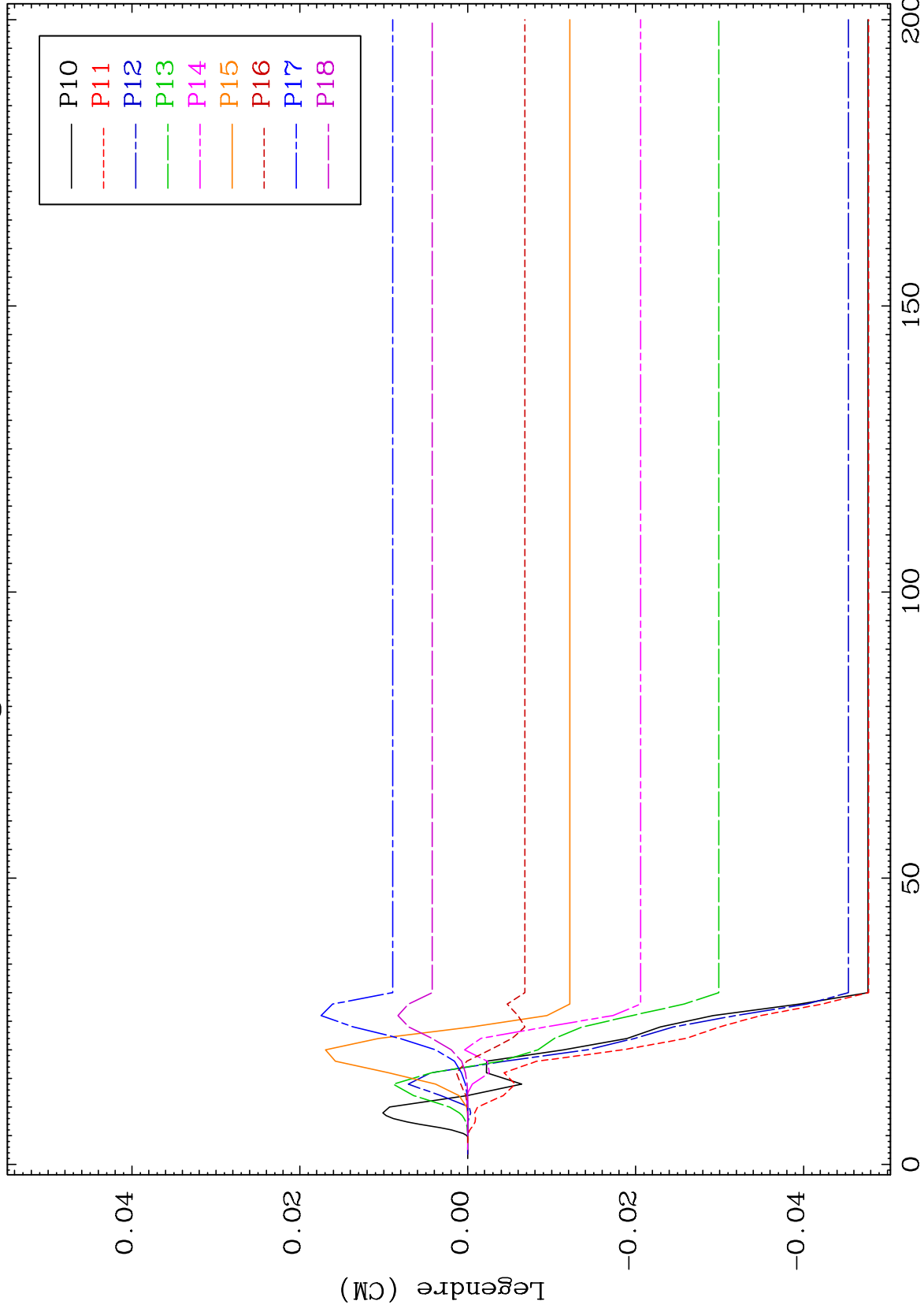
58-Ce-147



MAT 5858

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

58-Ce-147



42

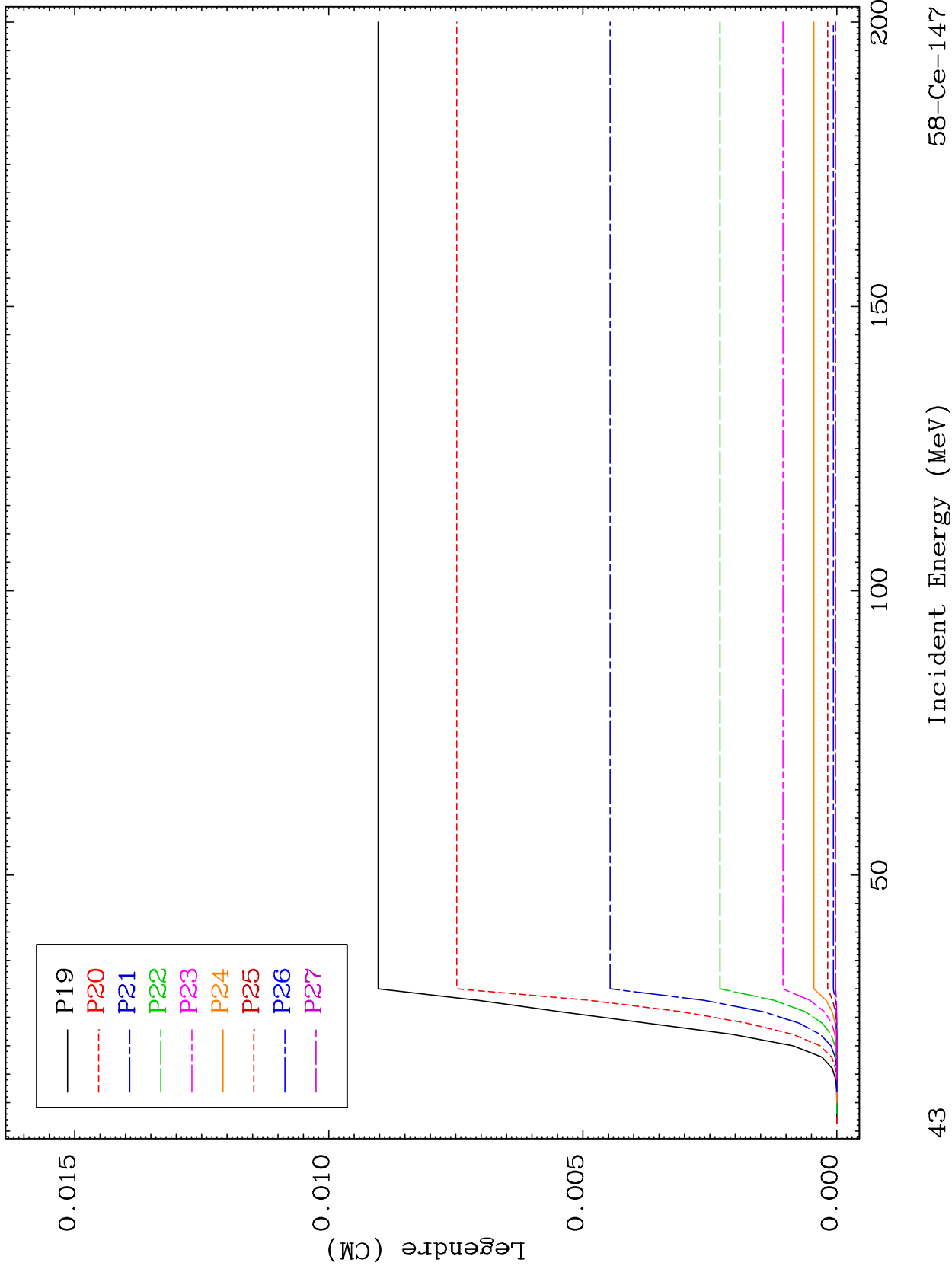
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



43

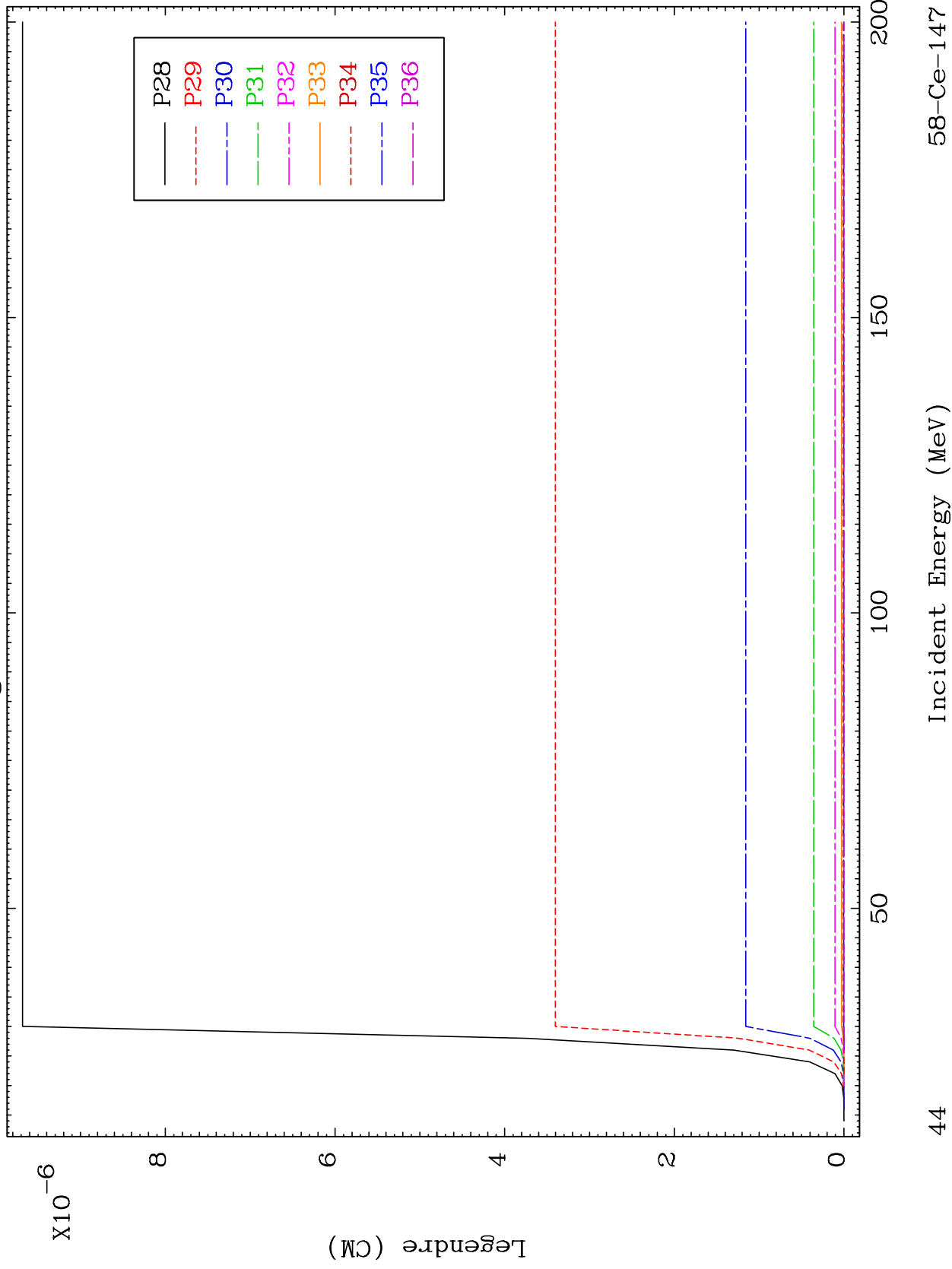
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



44

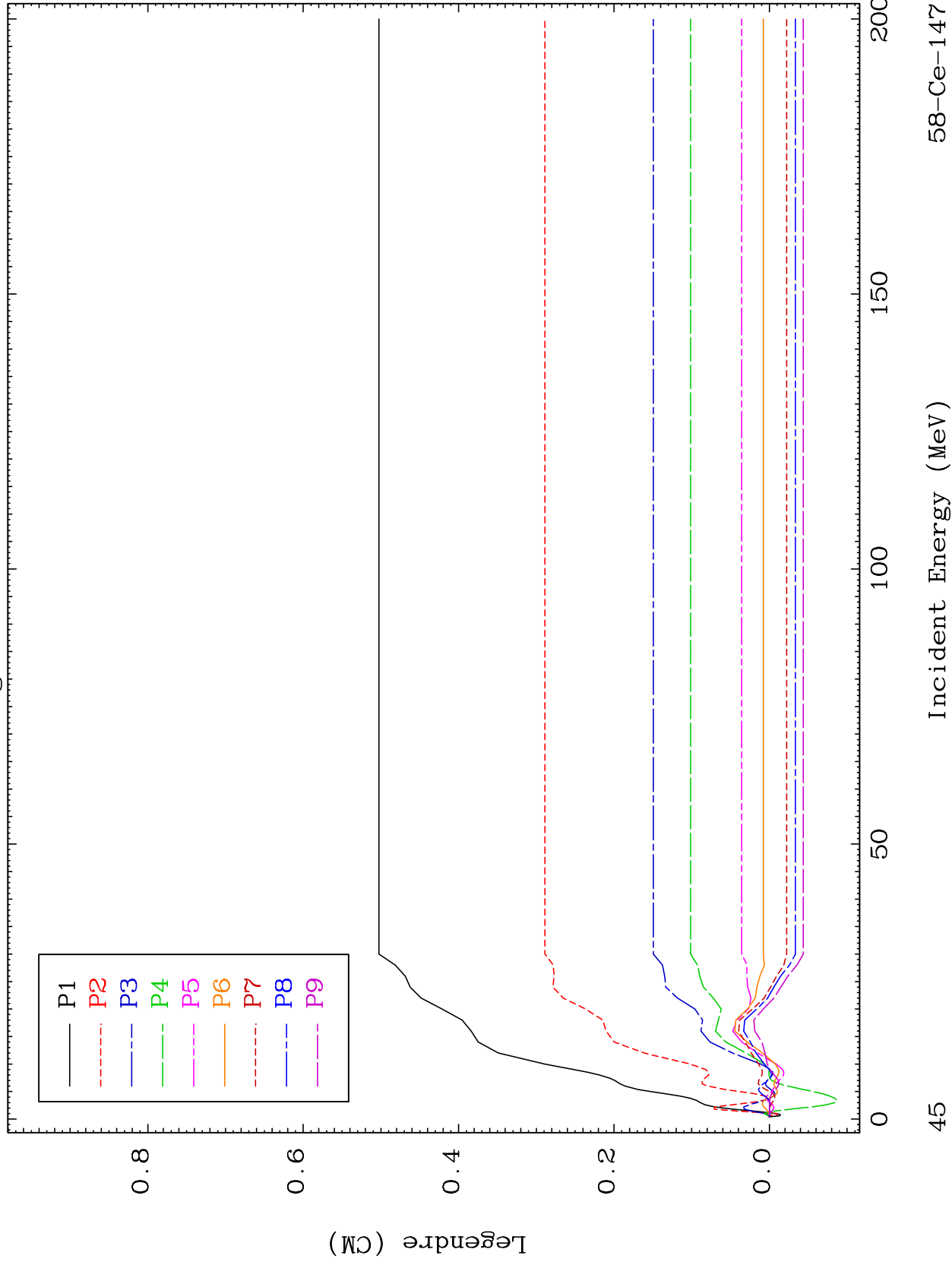
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

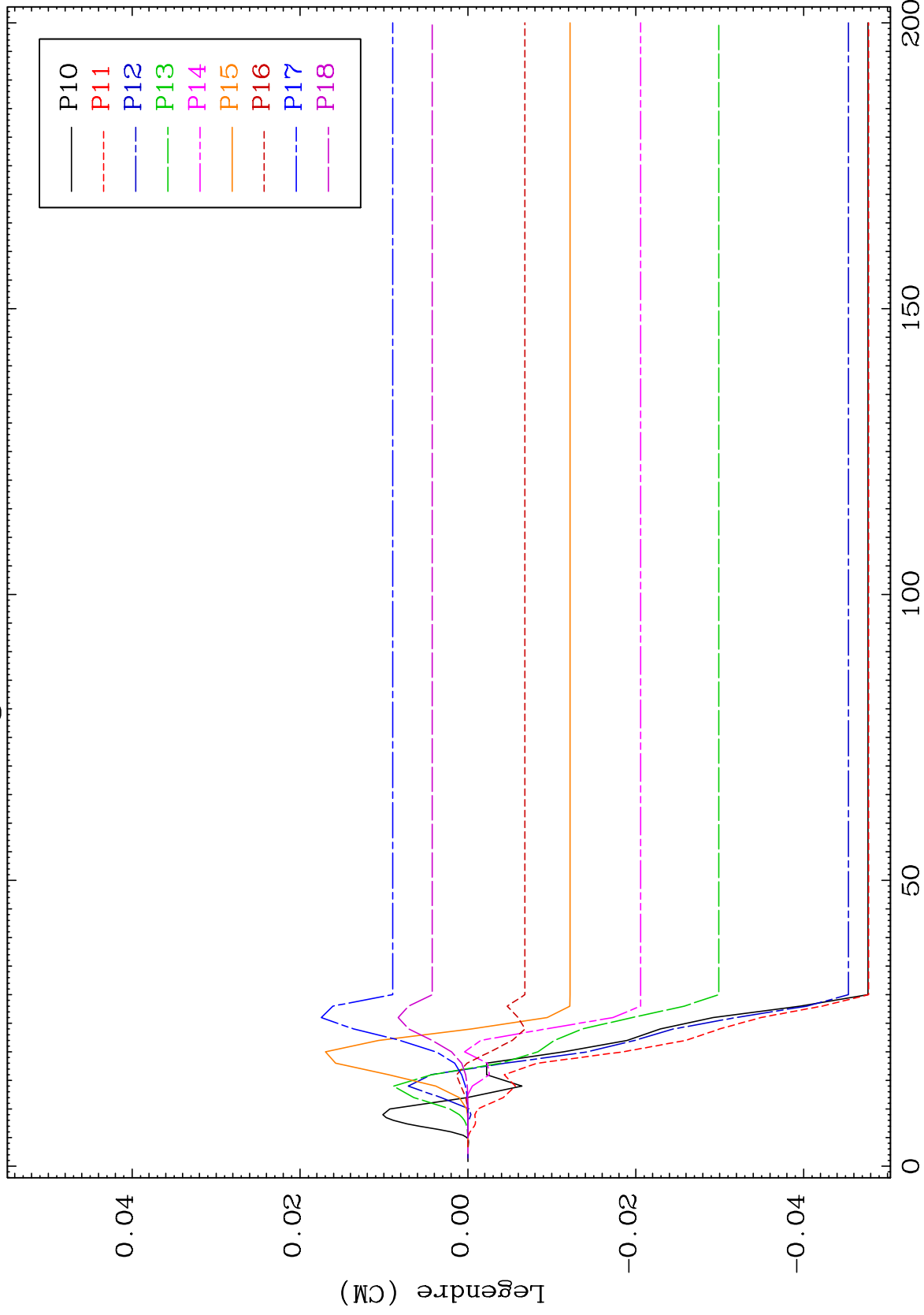
Incident Energy (MeV)

45

MAT 5858

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

58-Ce-147



46

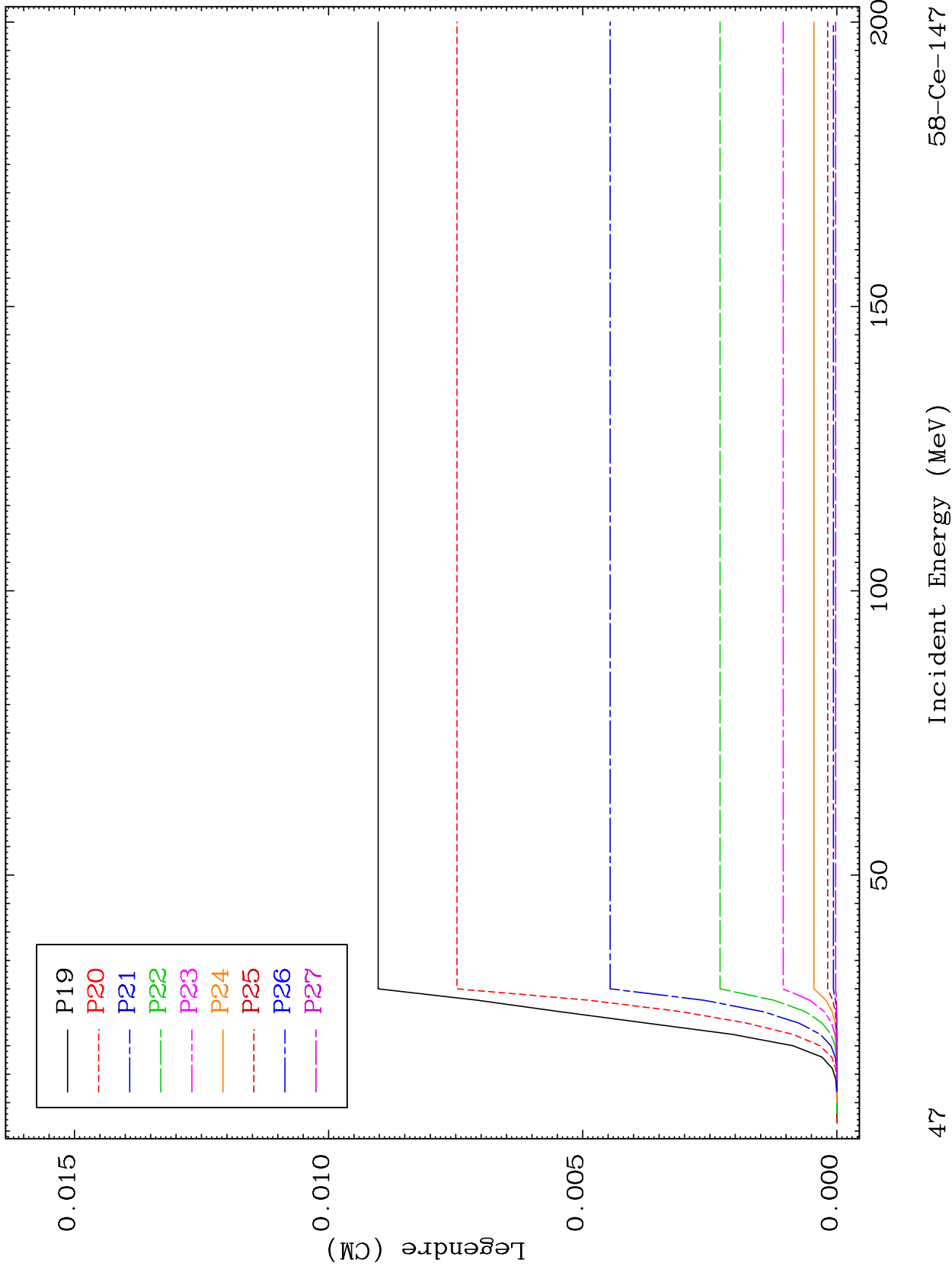
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



47

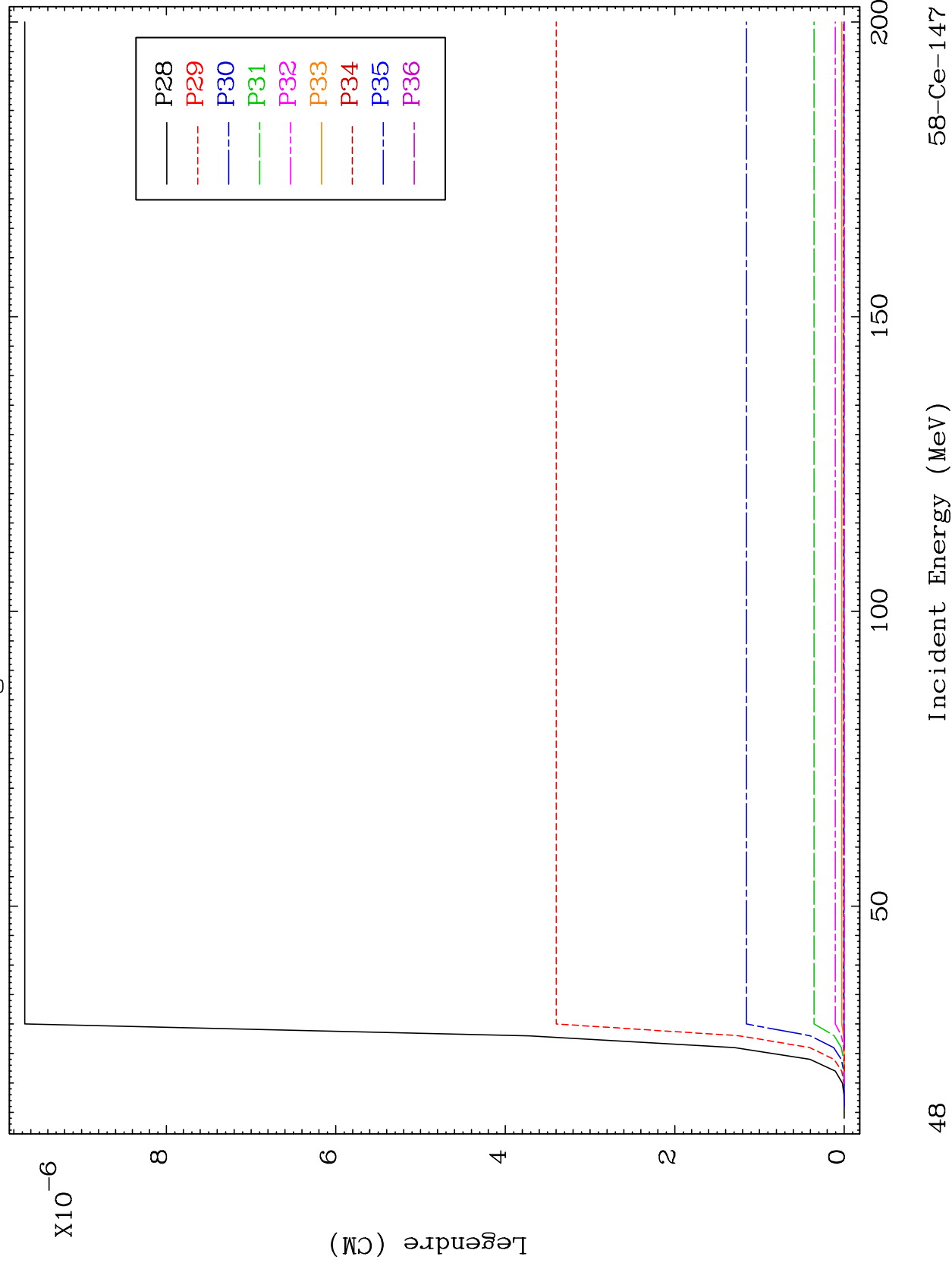
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



48

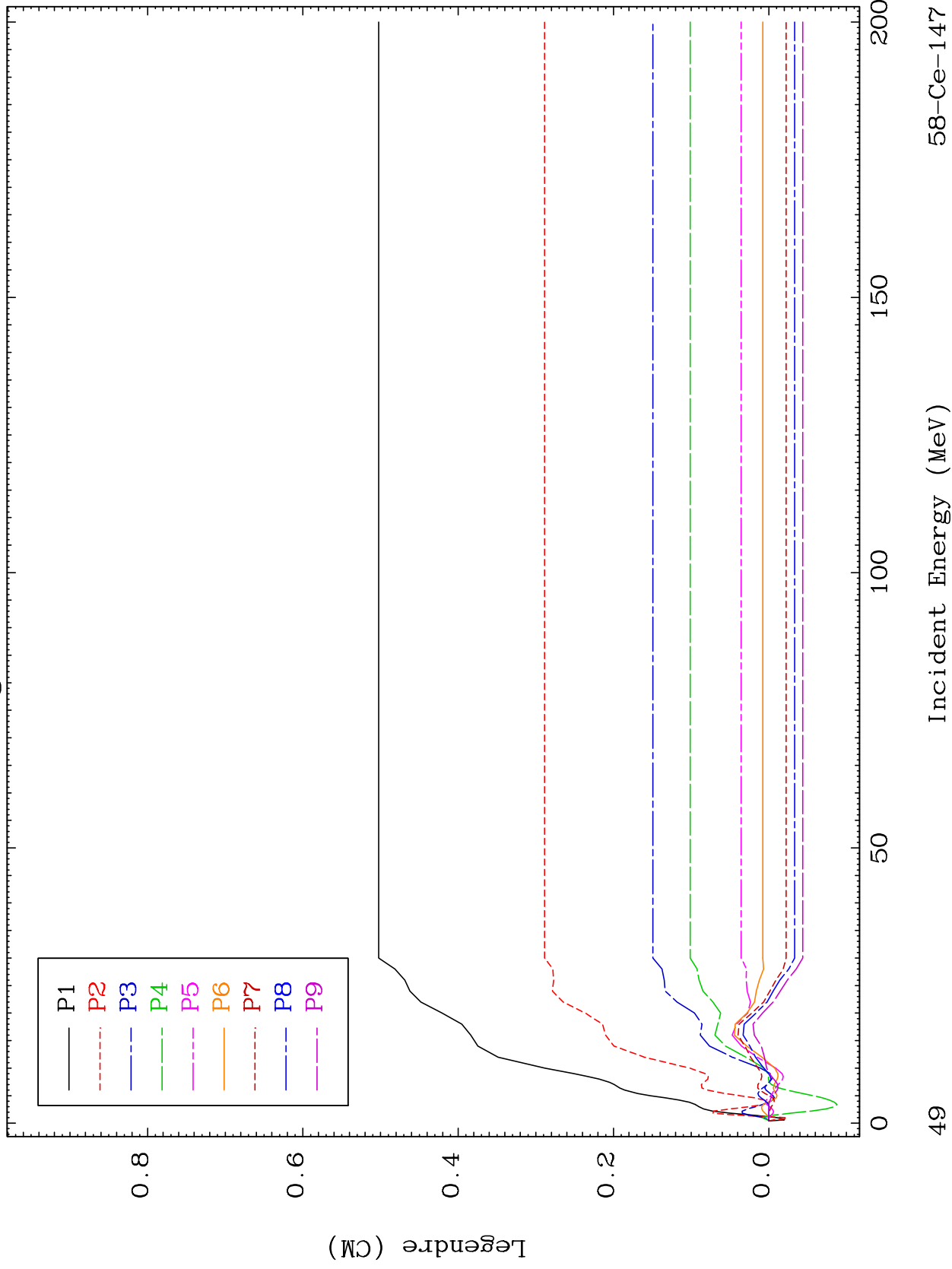
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

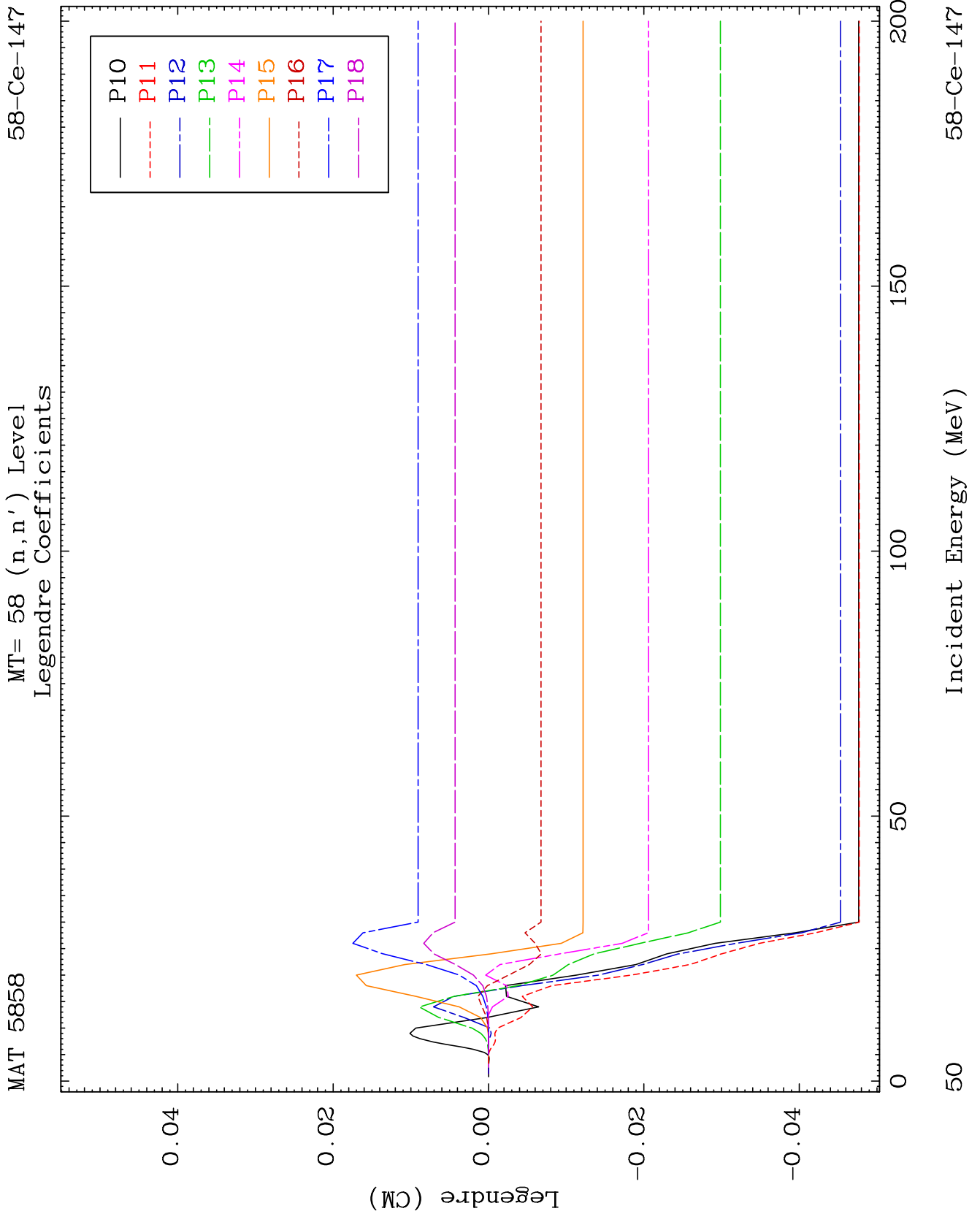
58-Ce-147



49

Incident Energy (MeV)

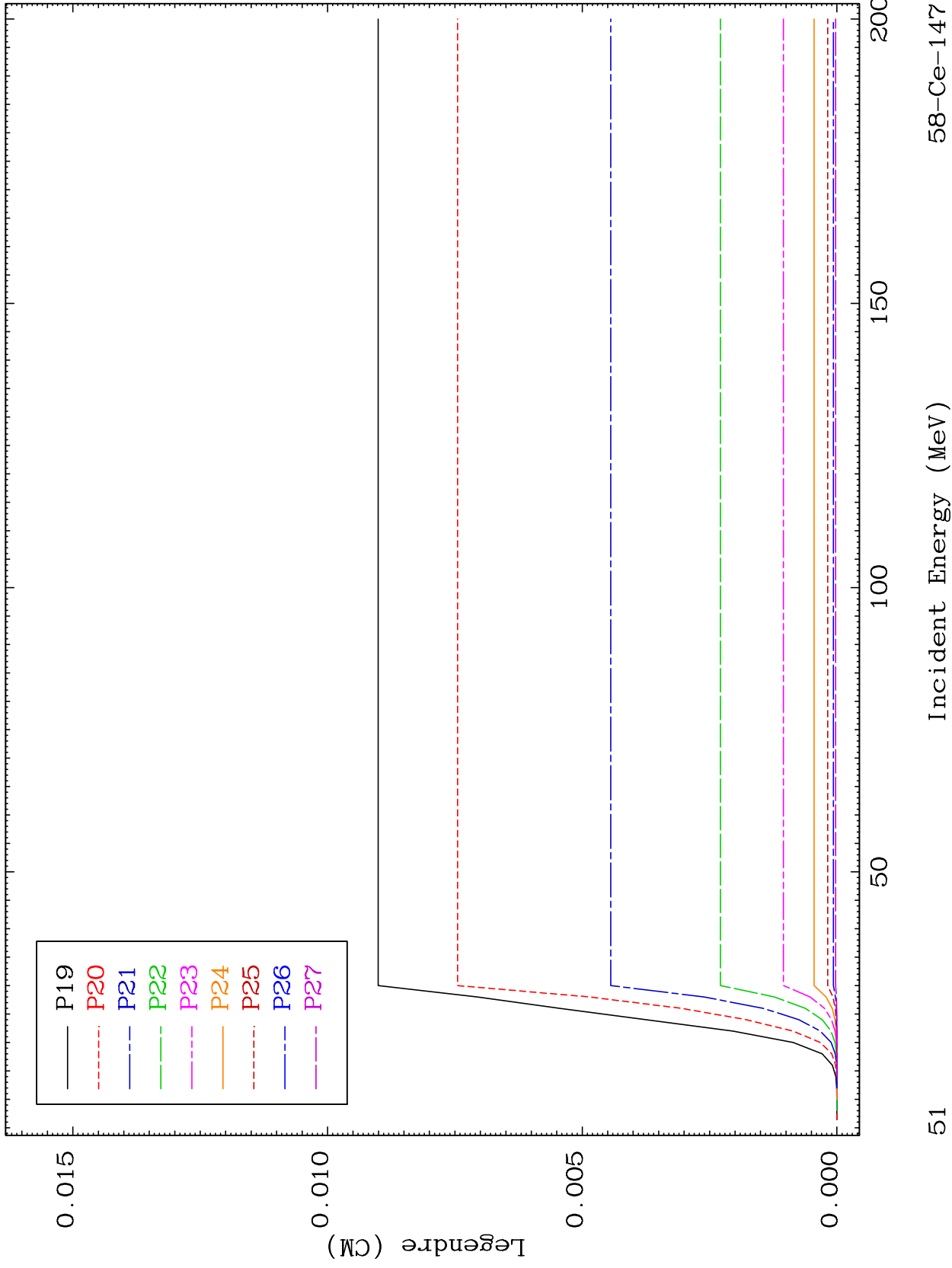
58-Ce-147



MAT 5858

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

58-Ce-147



51

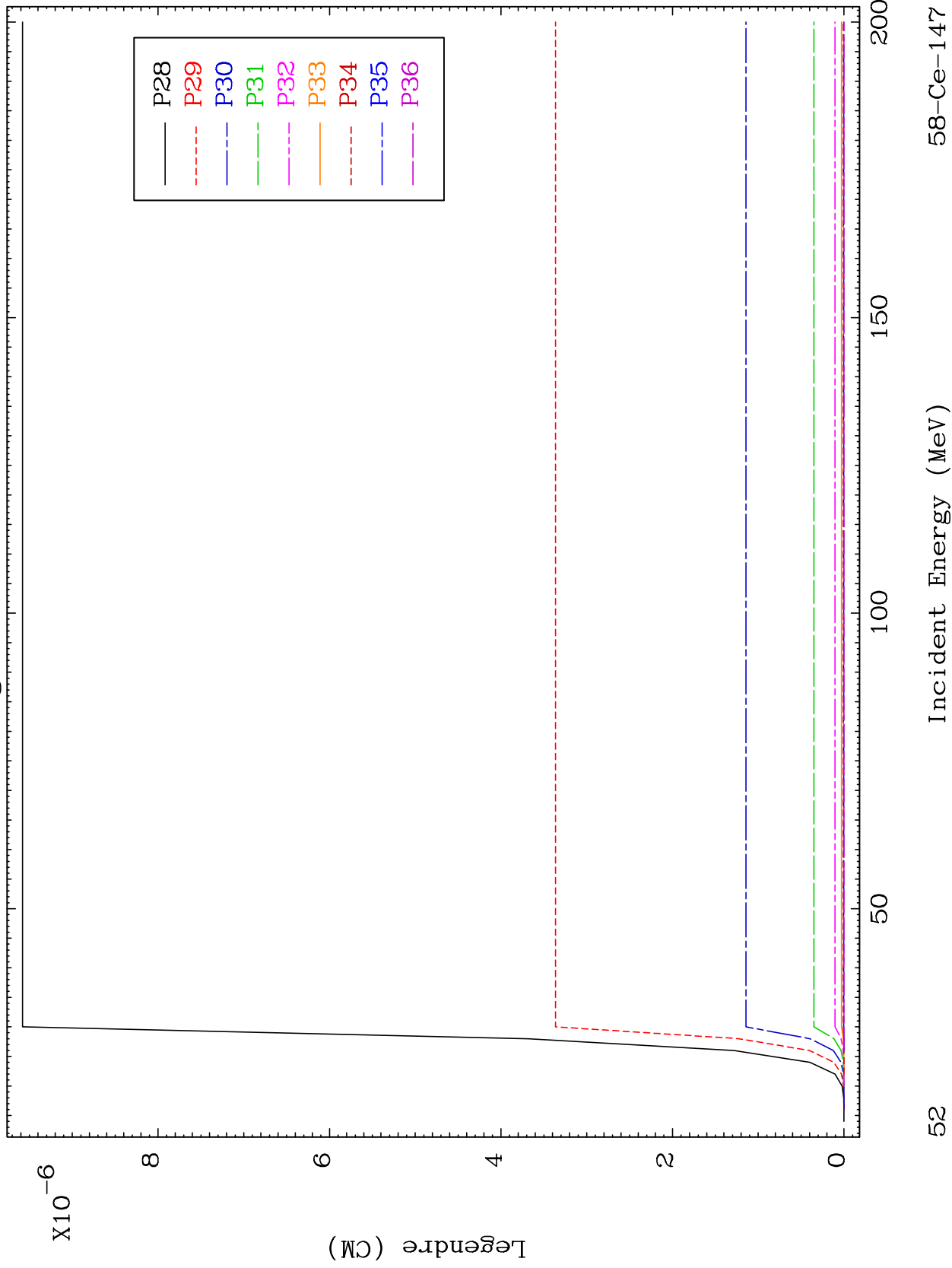
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147

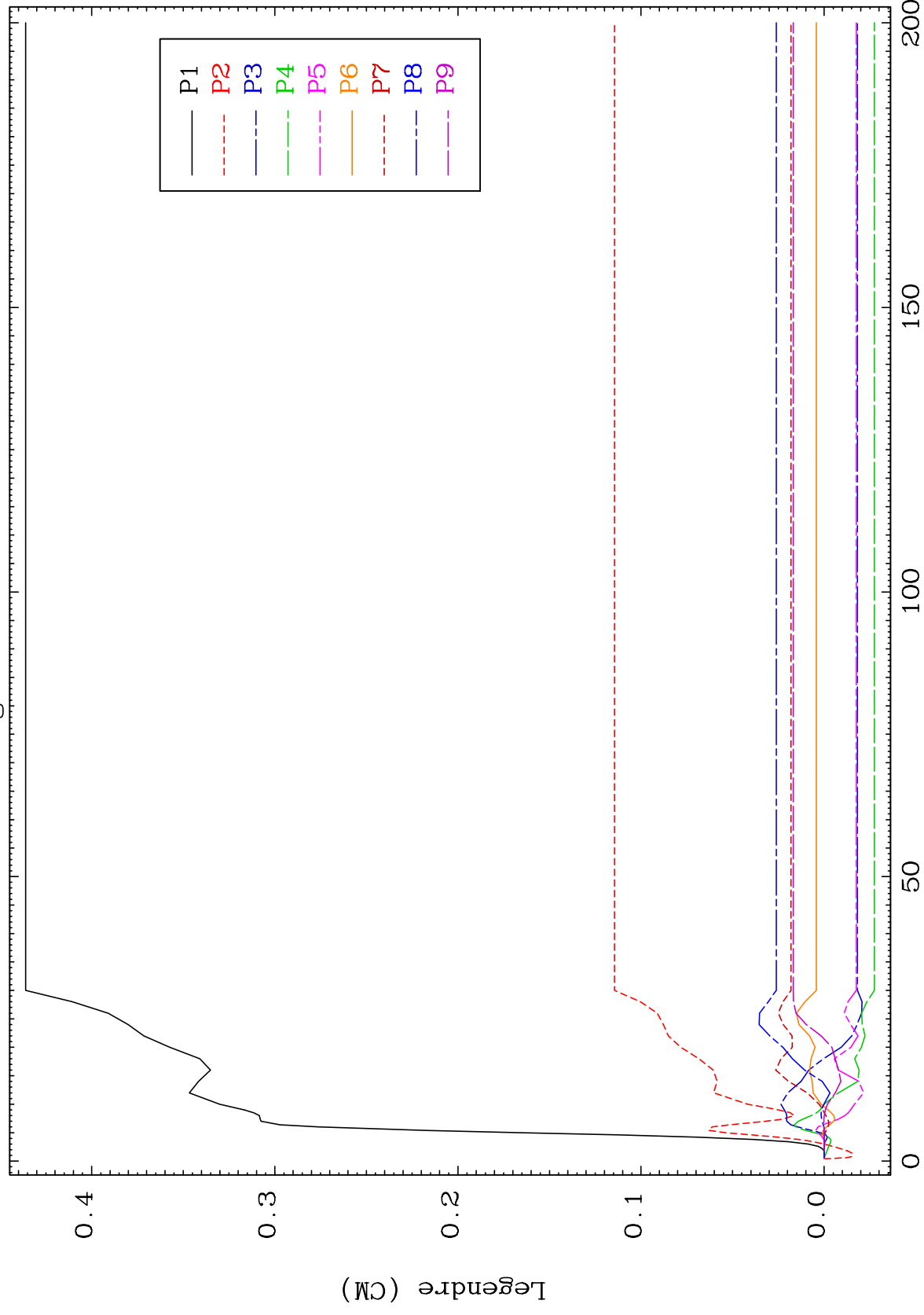


52

MAT 5858

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

58-Ce-147



53

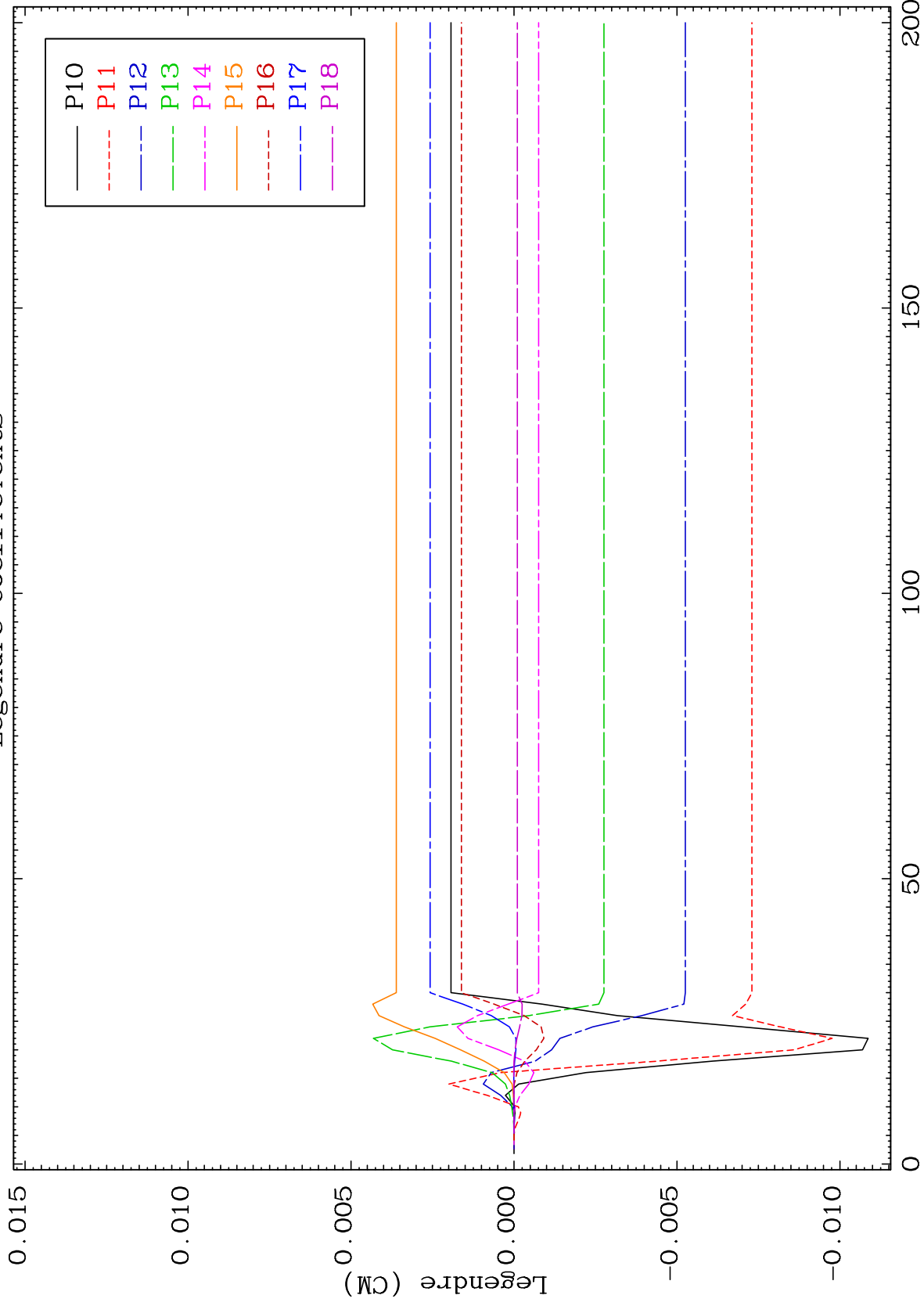
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

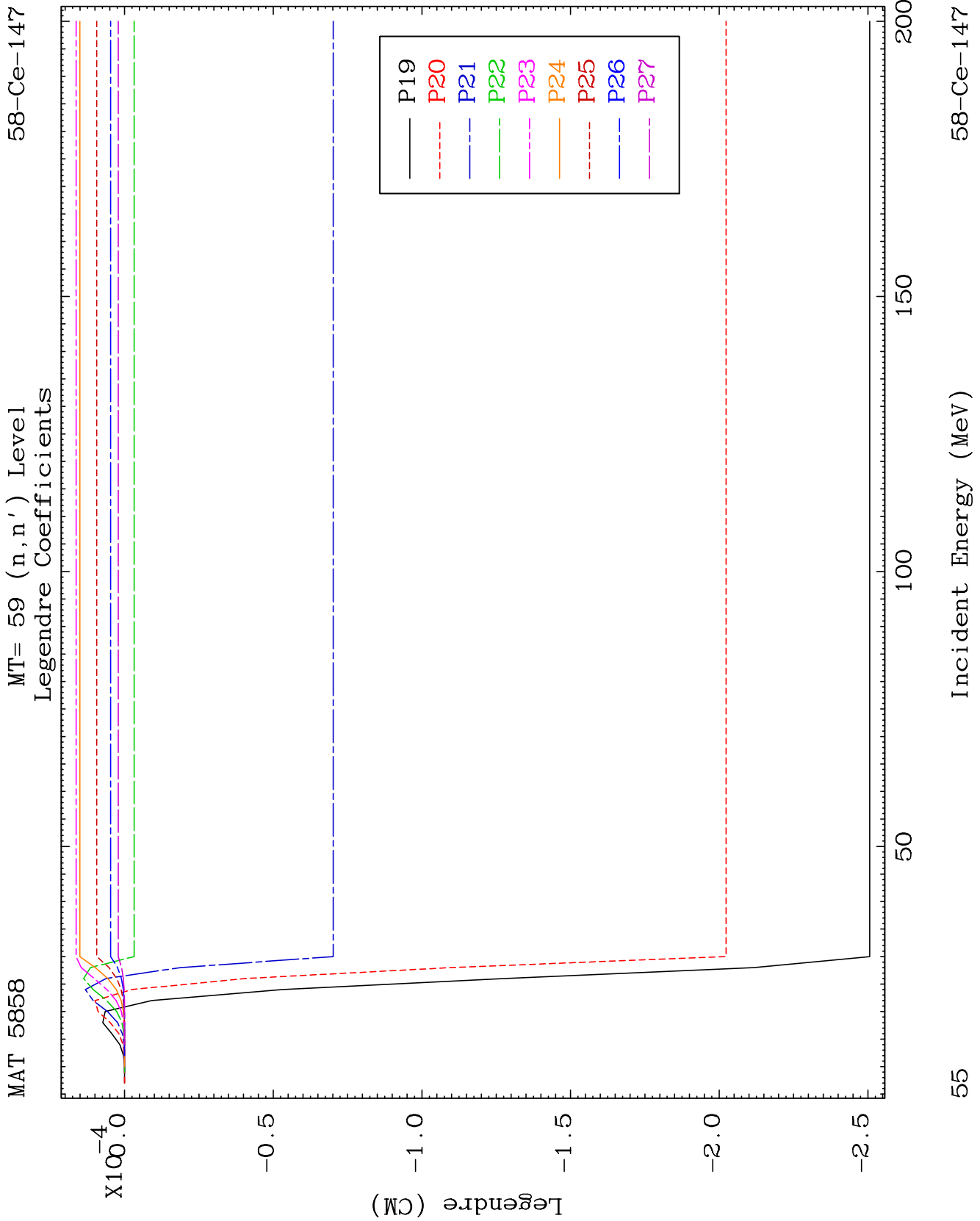
58-Ce-147



54

Incident Energy (MeV)

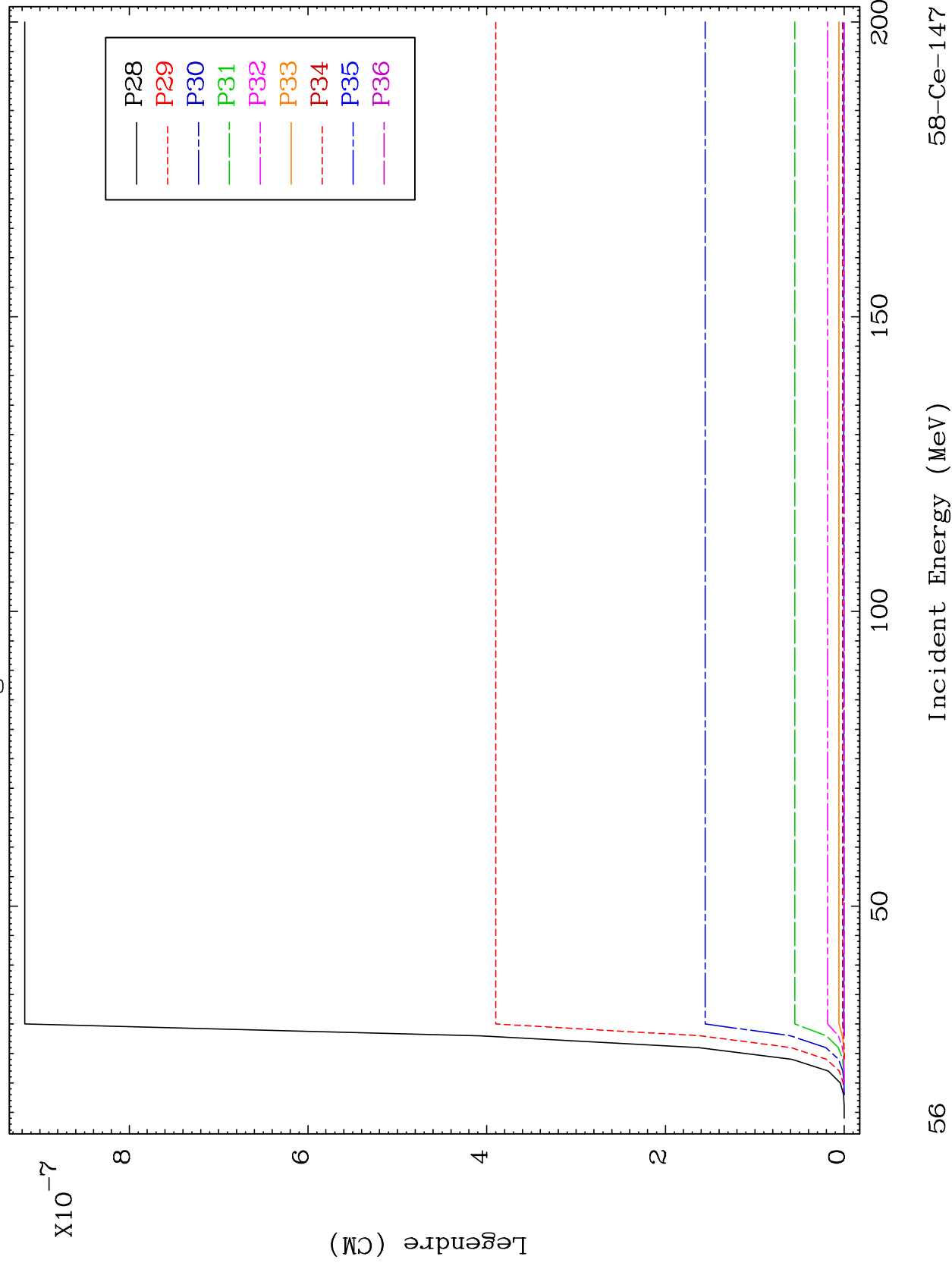
58-Ce-147



MAT 5858

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

58-Ce-147



56

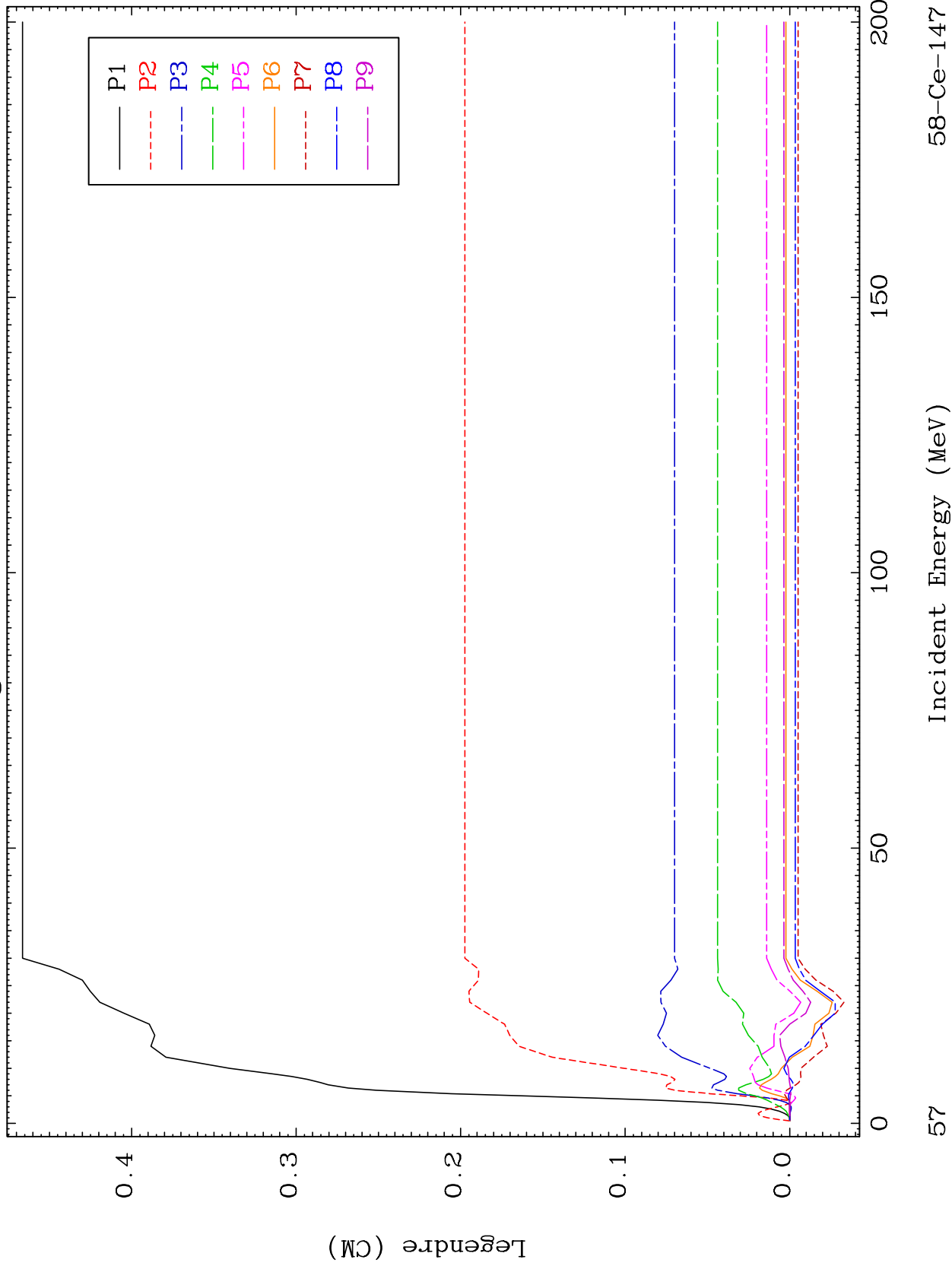
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

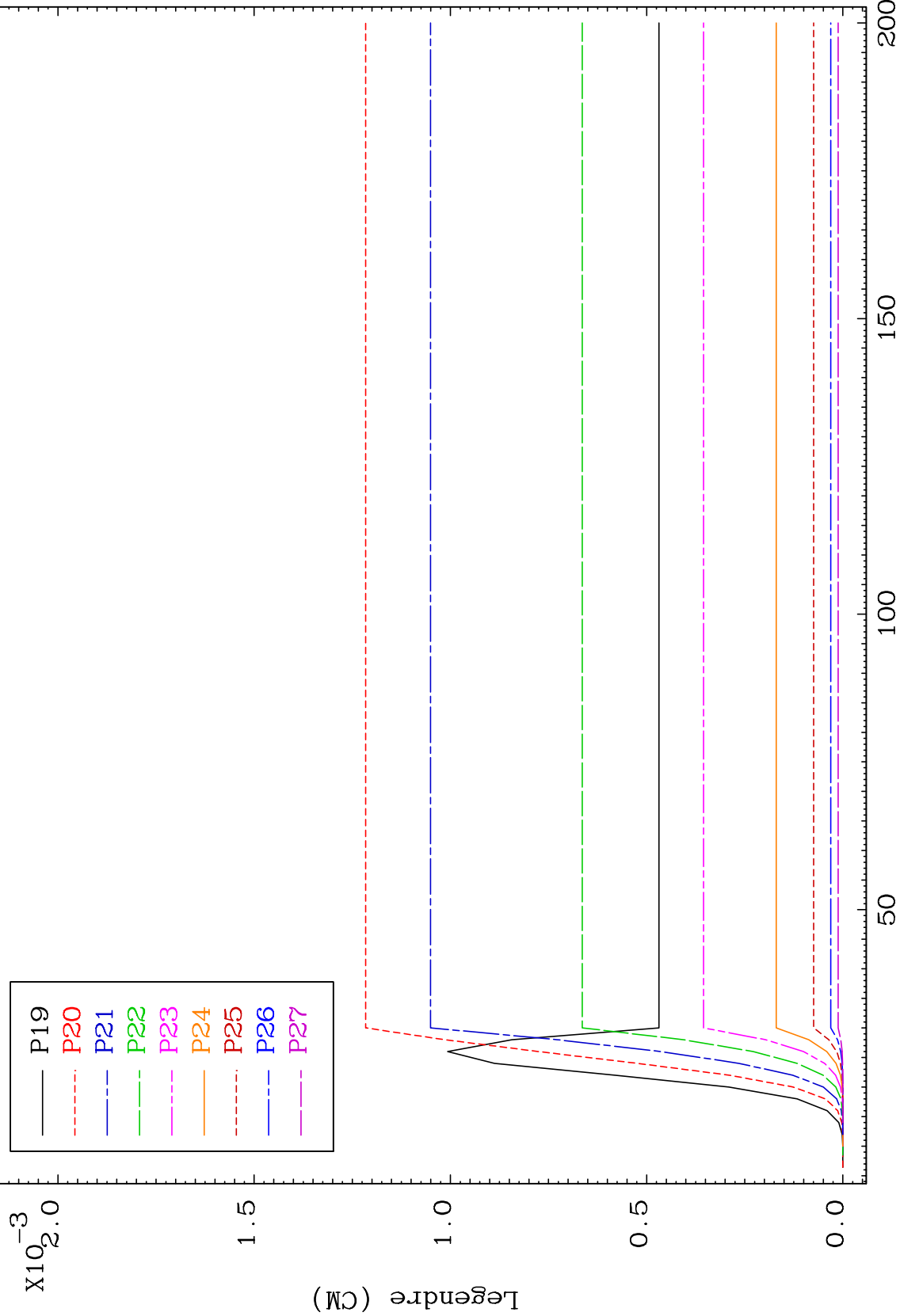
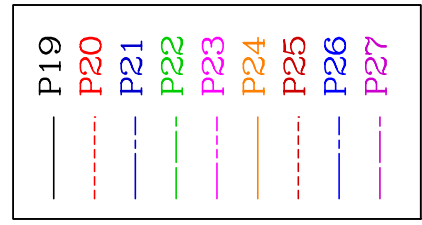
Incident Energy (MeV)

57

MAT 5858

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

58-Ce-147



59

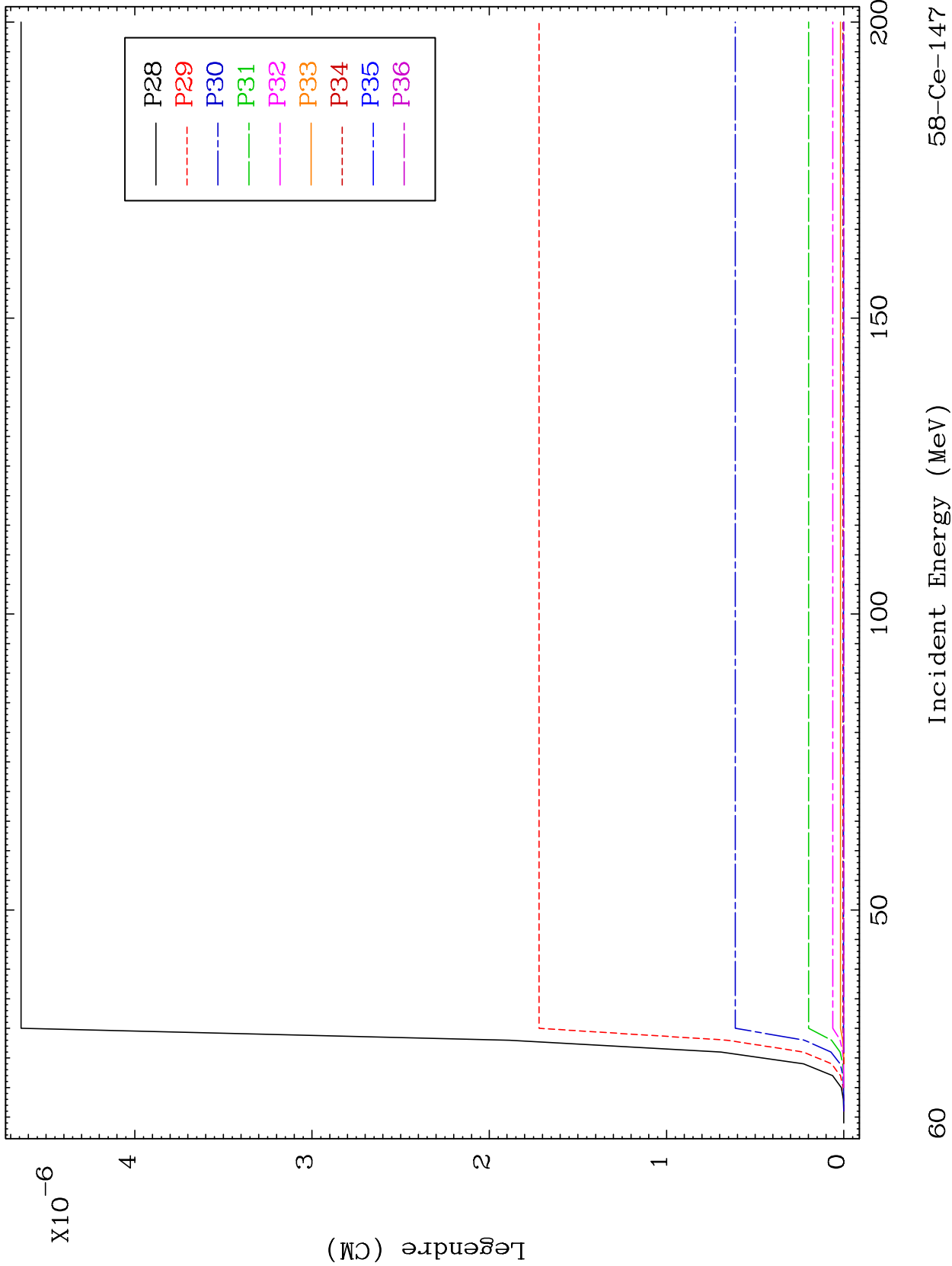
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

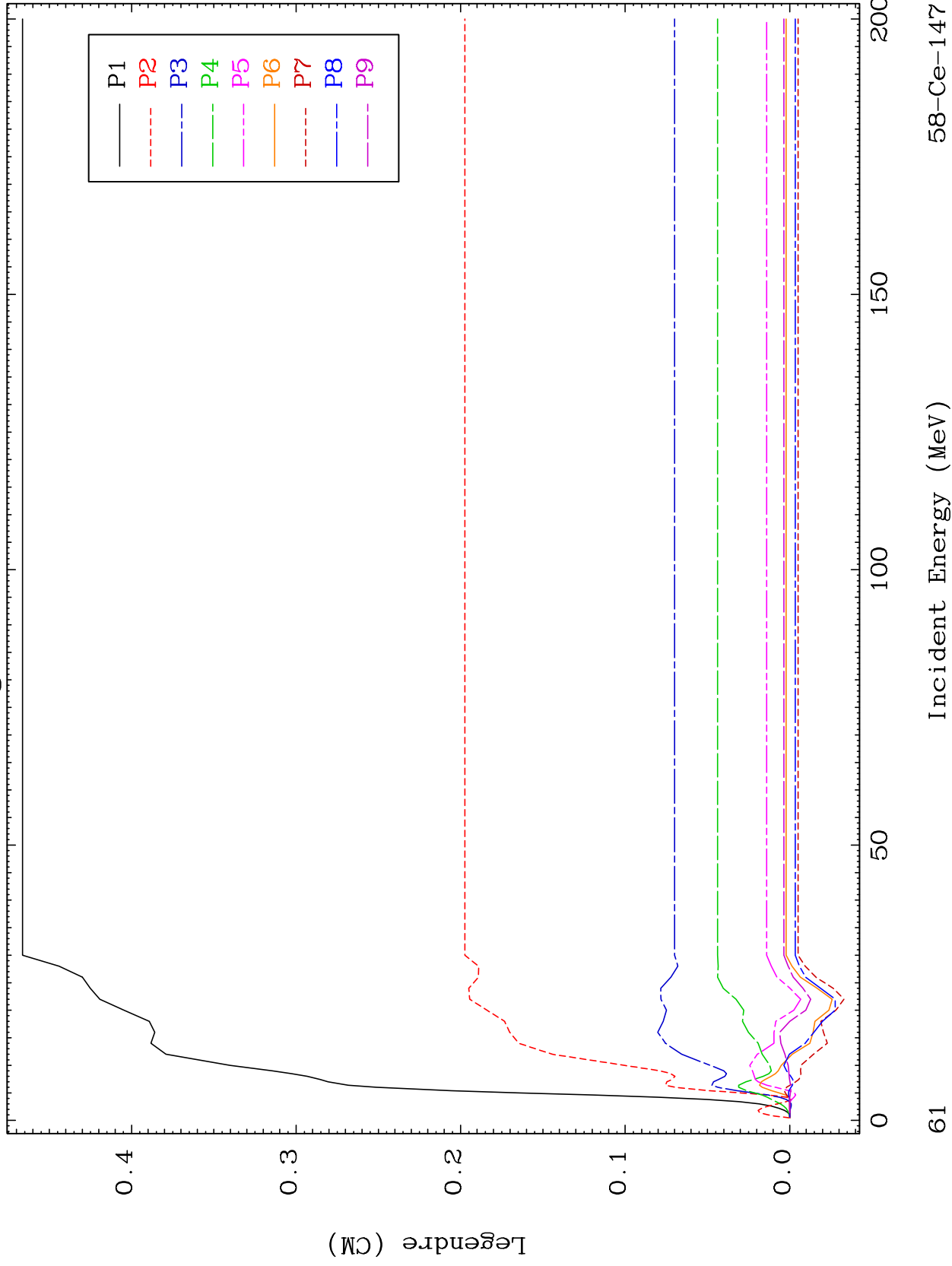
58-Ce-147



MAT 5858

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

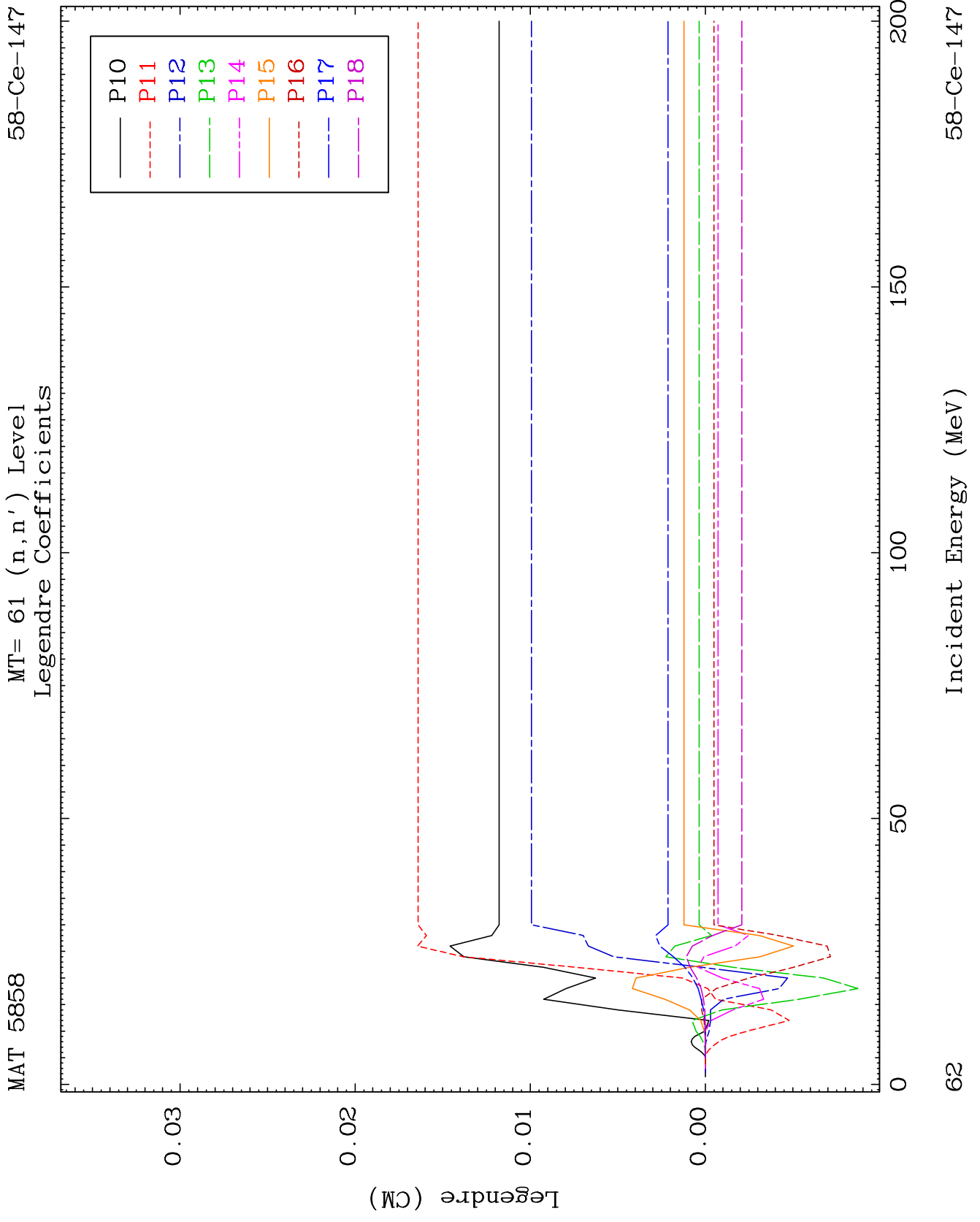
58-Ce-147



58-Ce-147

Incident Energy (MeV)

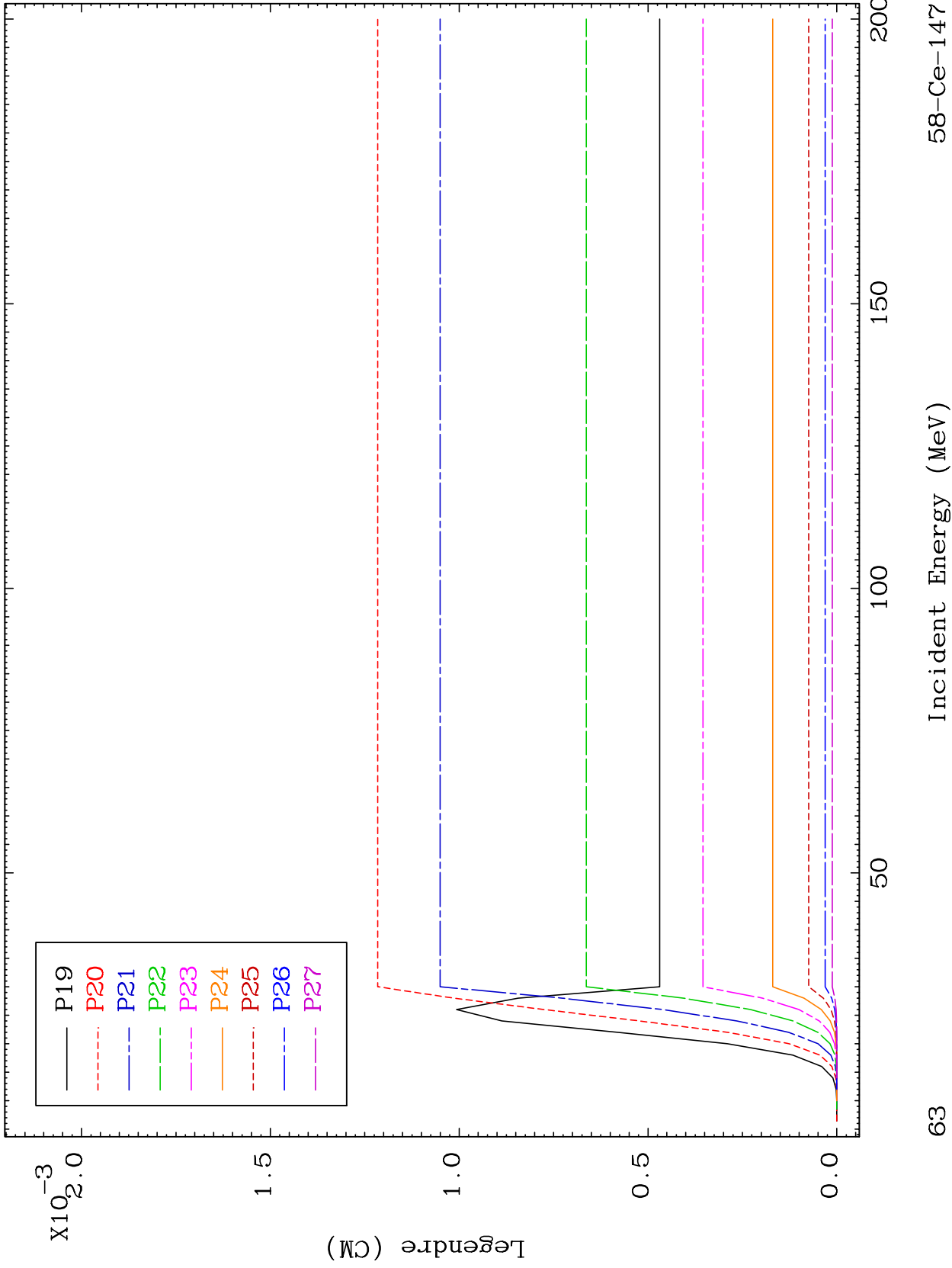
61



MAT 5858

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

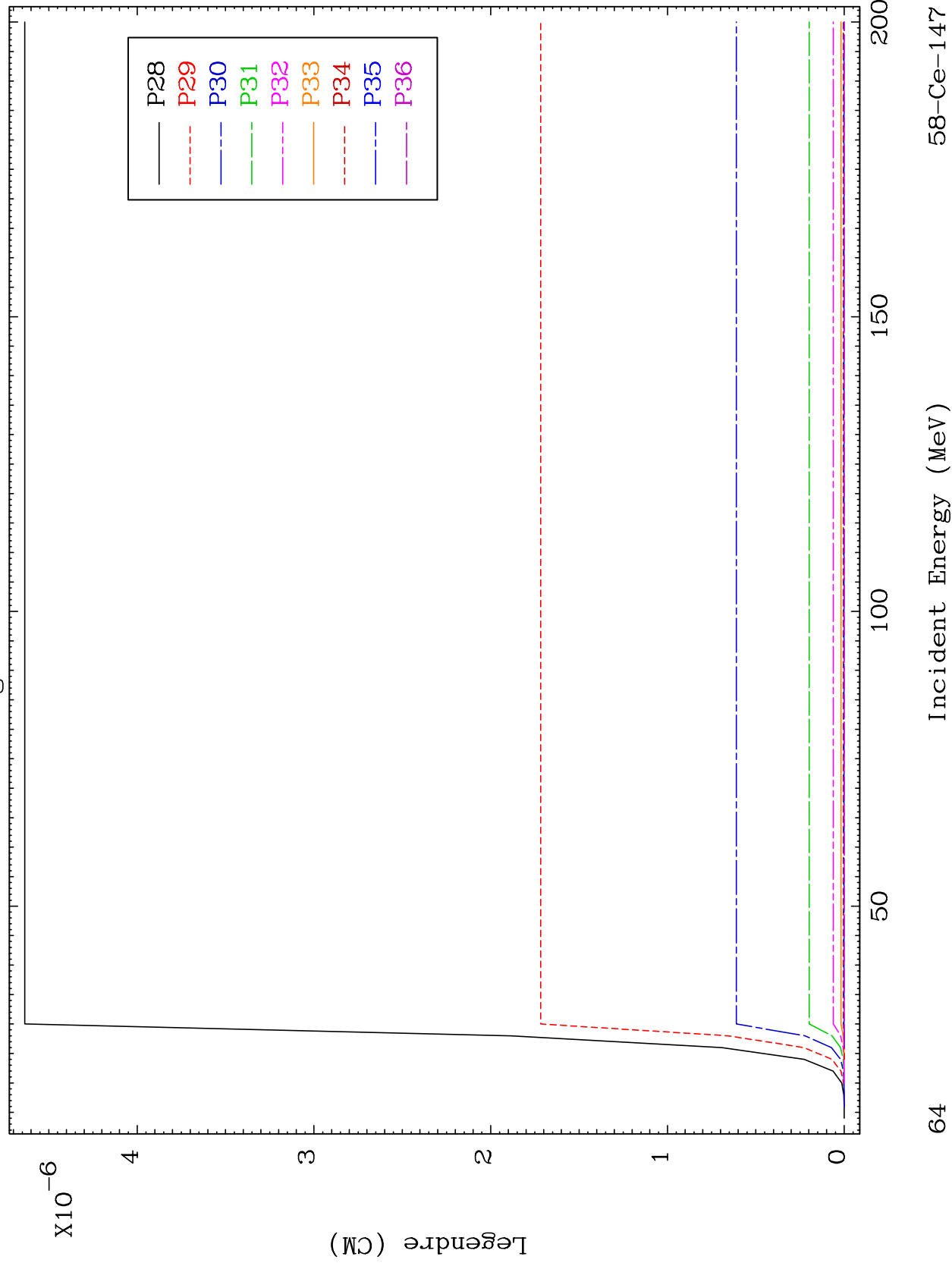
58-Ce-147



MAT 5858

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

58-Ce-147



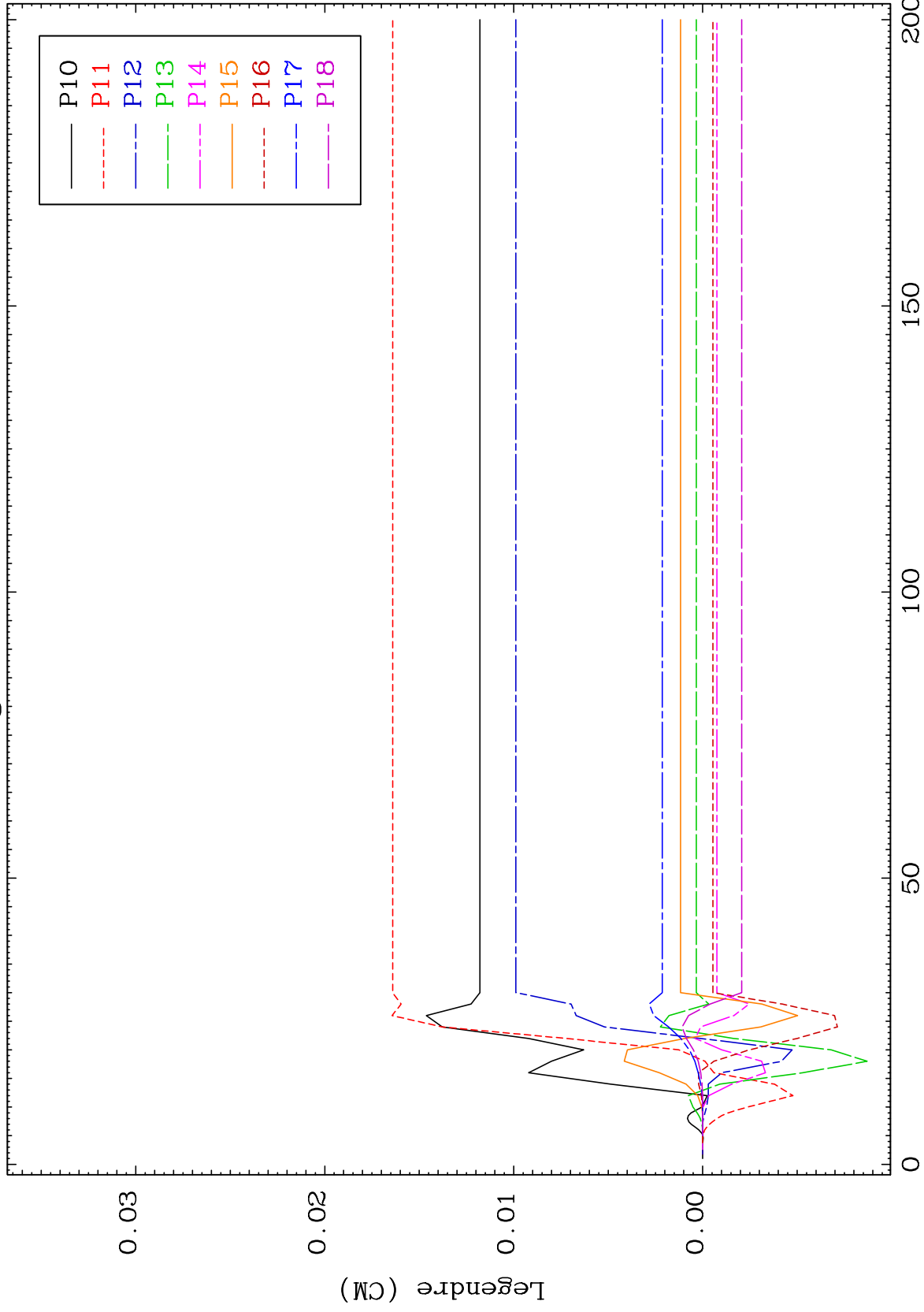
64

58-Ce-147

MAT 5858

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

58-Ce-147



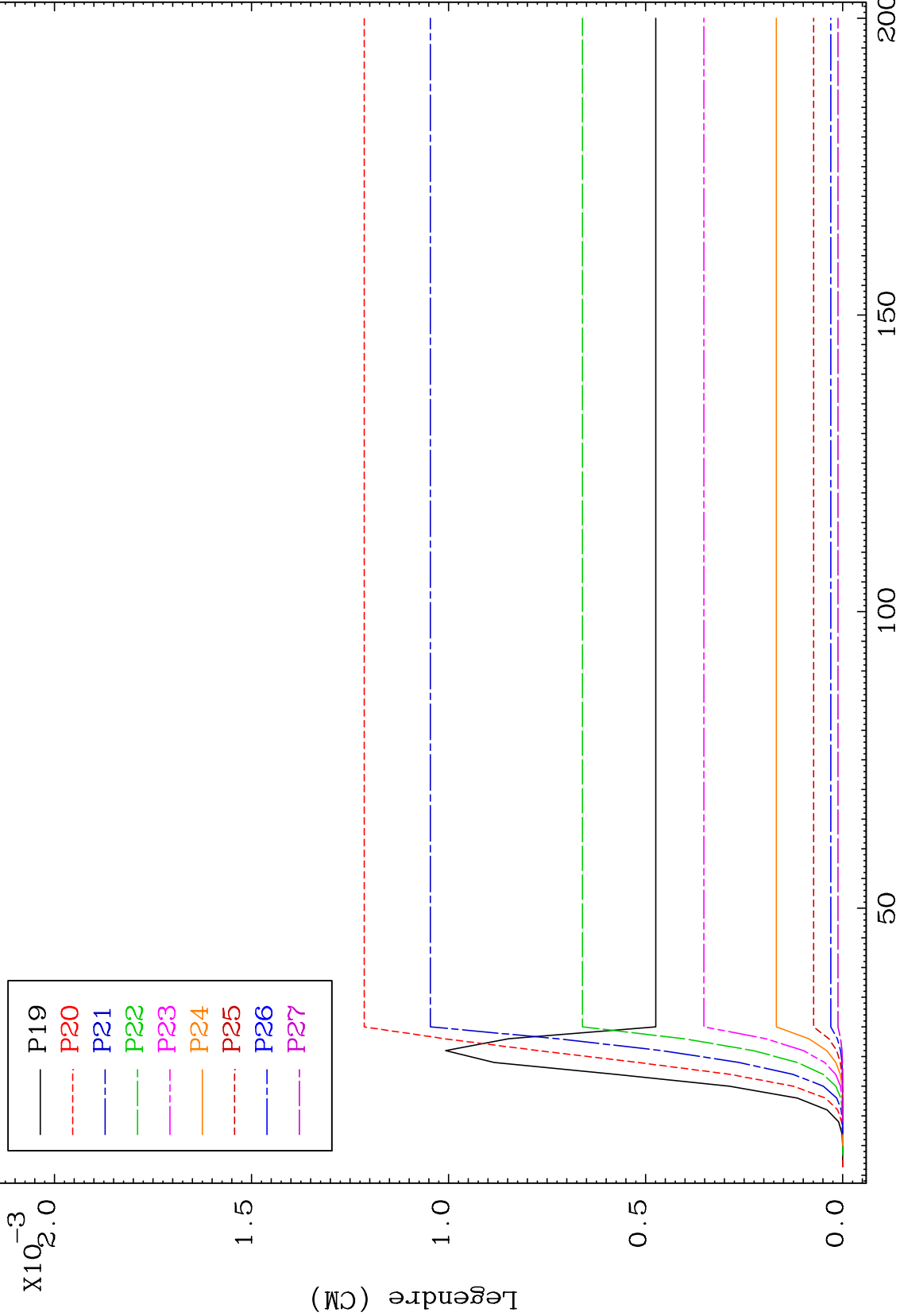
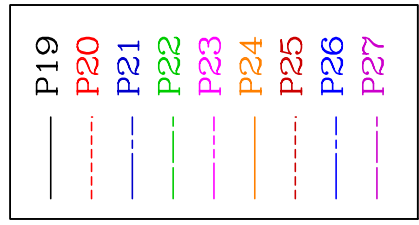
66

58-Ce-147

MAT 5858

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

58-Ce-147



67

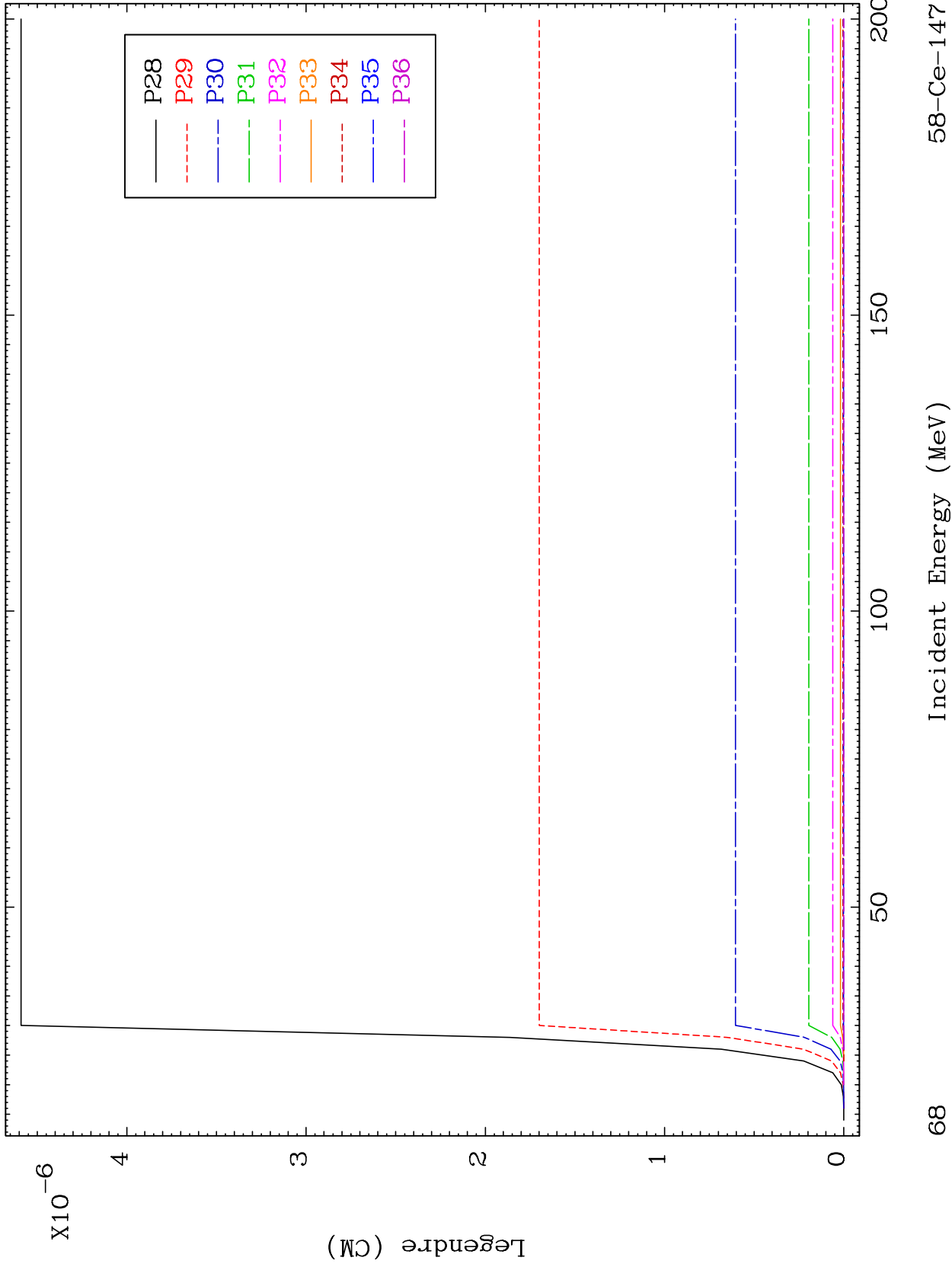
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



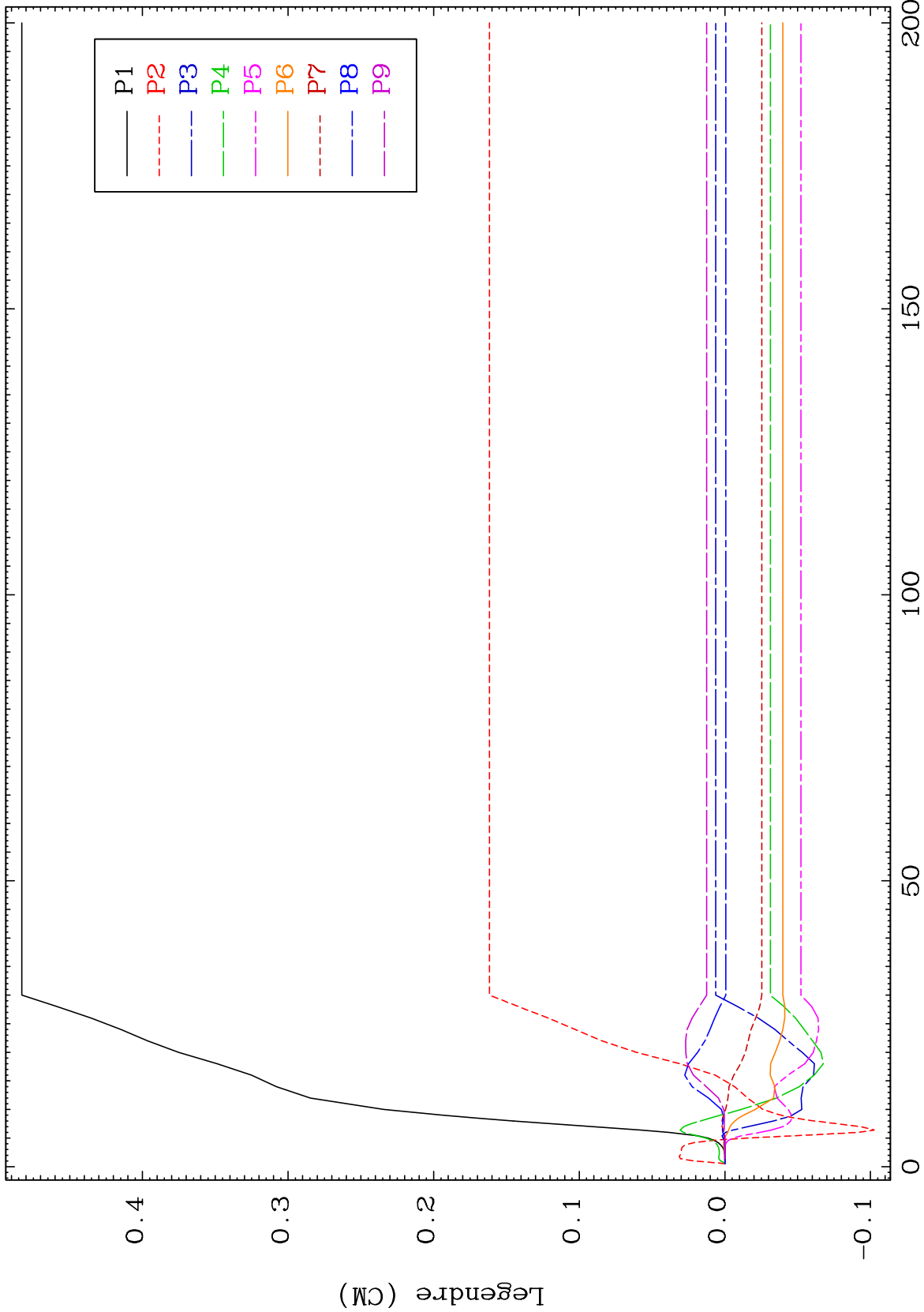
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58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

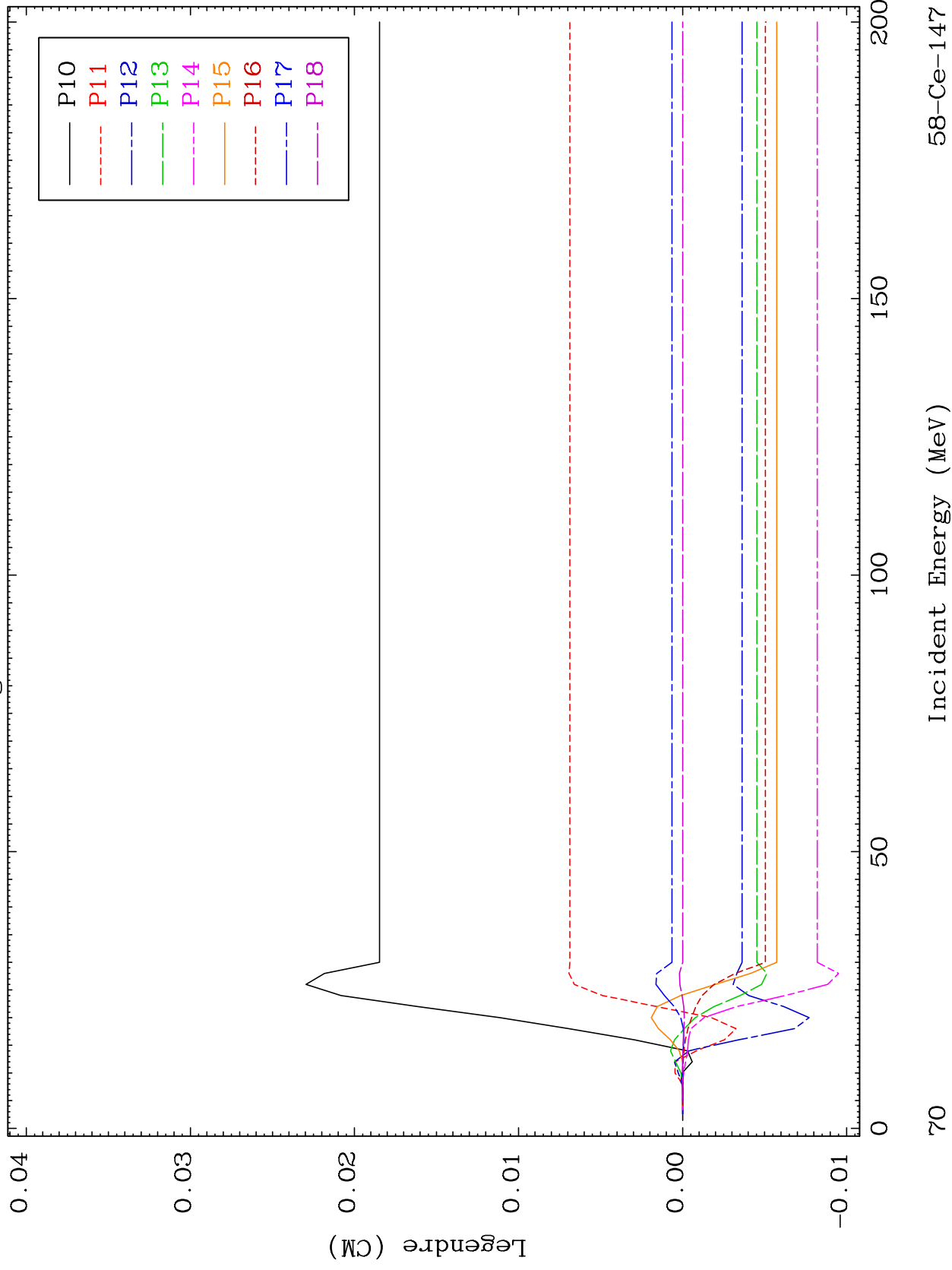
Incident Energy (MeV)

69

MAT 5858

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

58-Ce-147



58-Ce-147

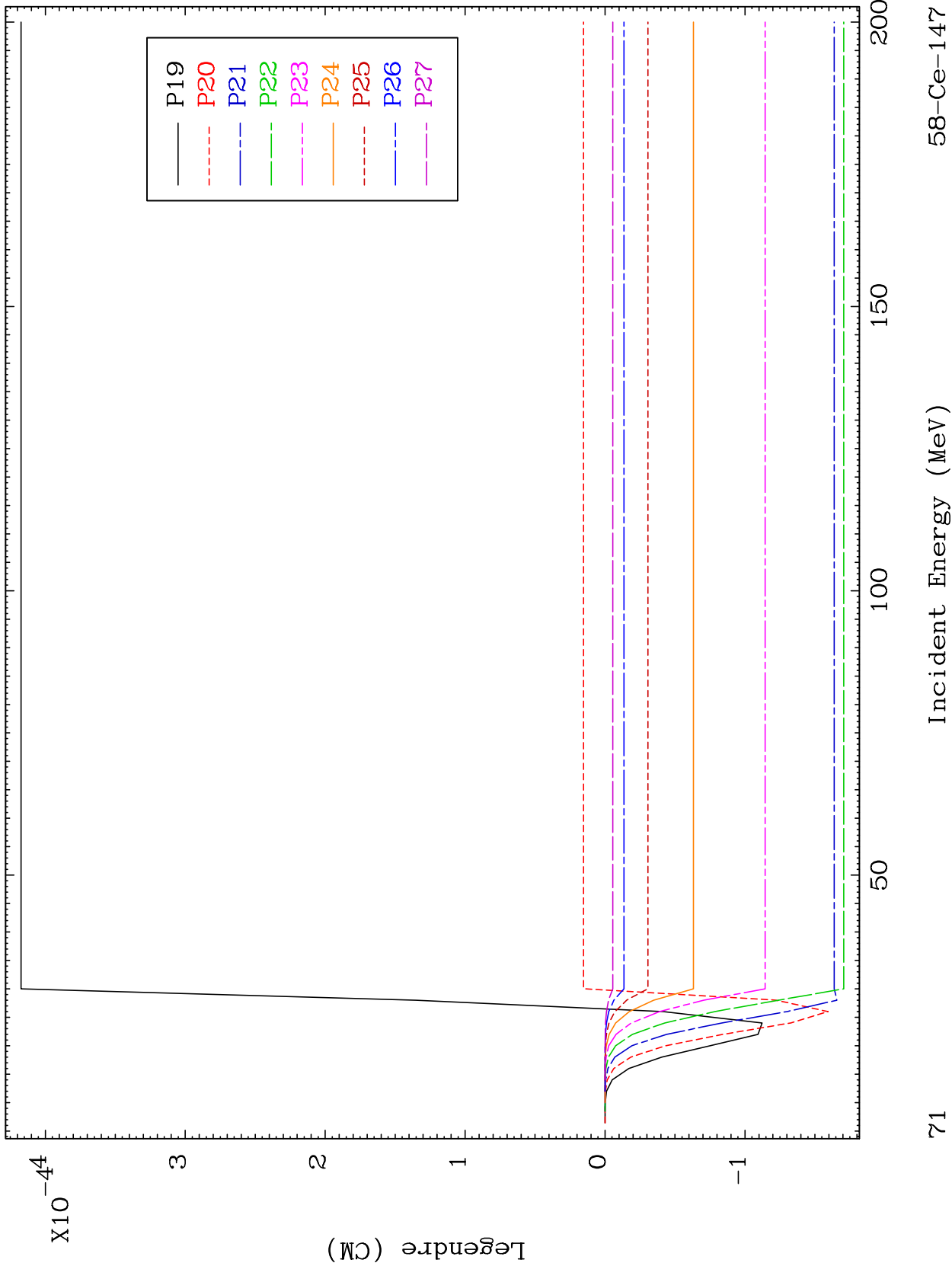
Incident Energy (MeV)

70

MAT 5858

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

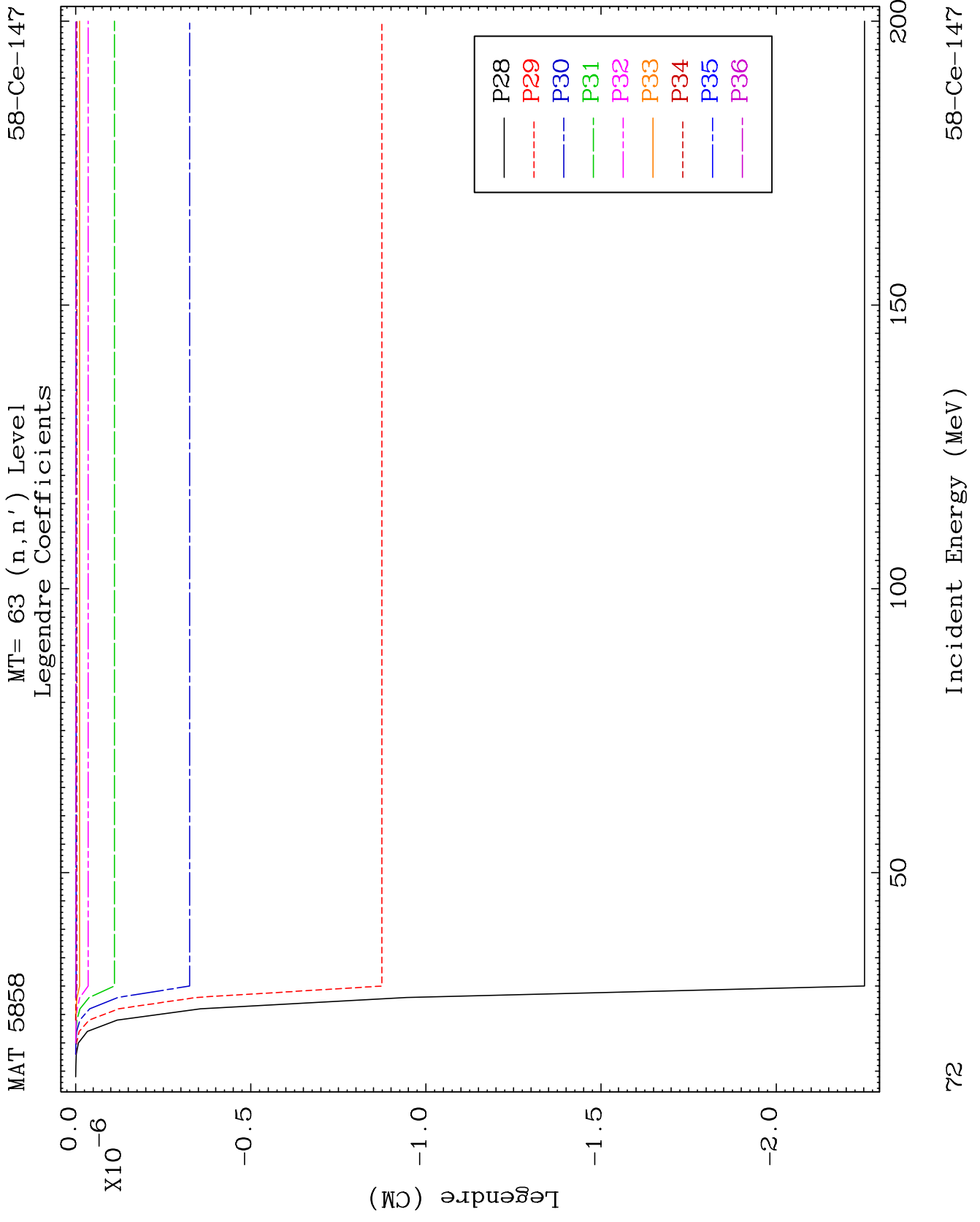
58-Ce-147



71

Incident Energy (MeV)

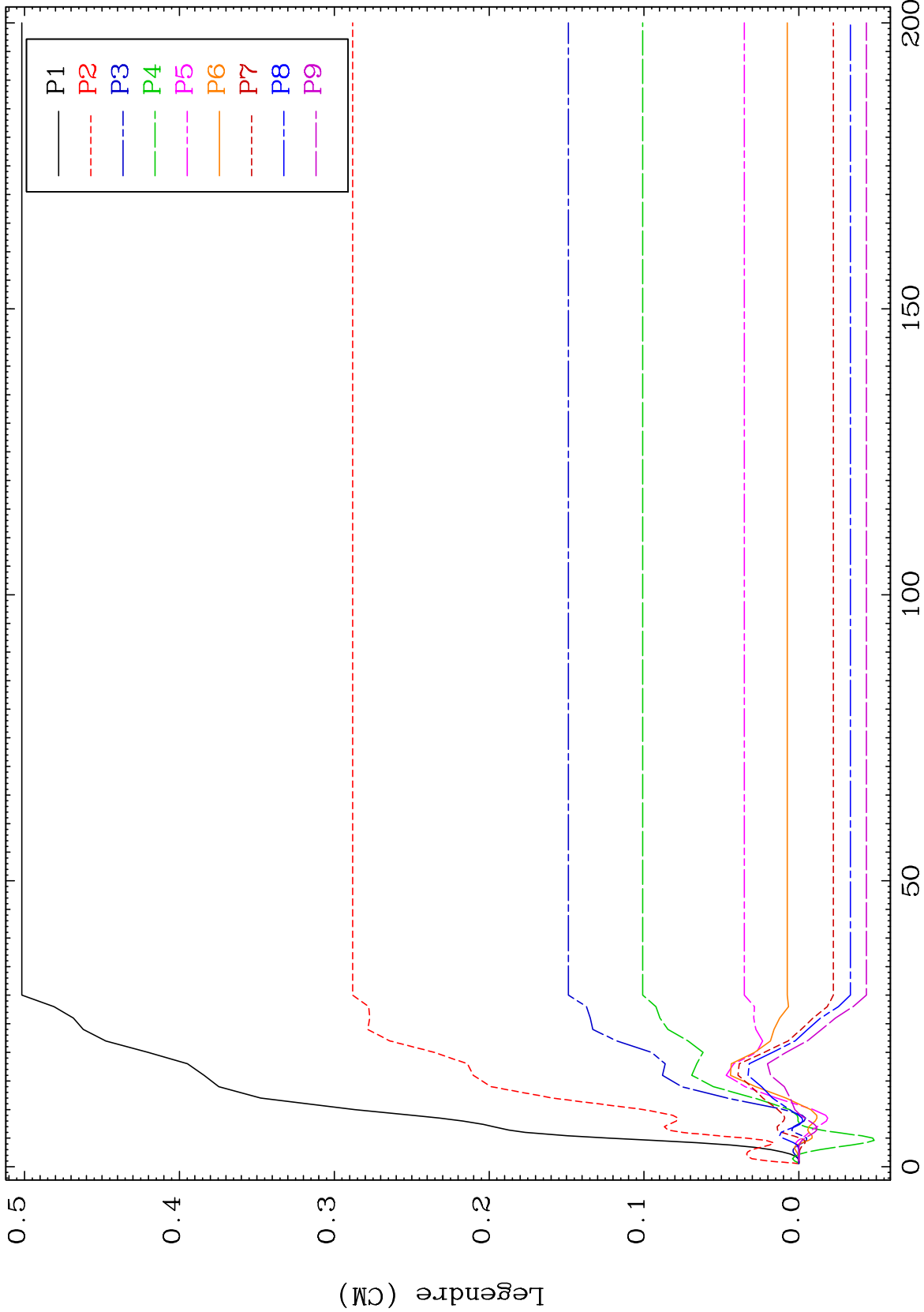
58-Ce-147



MAT 5858

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

58-Ce-147



73

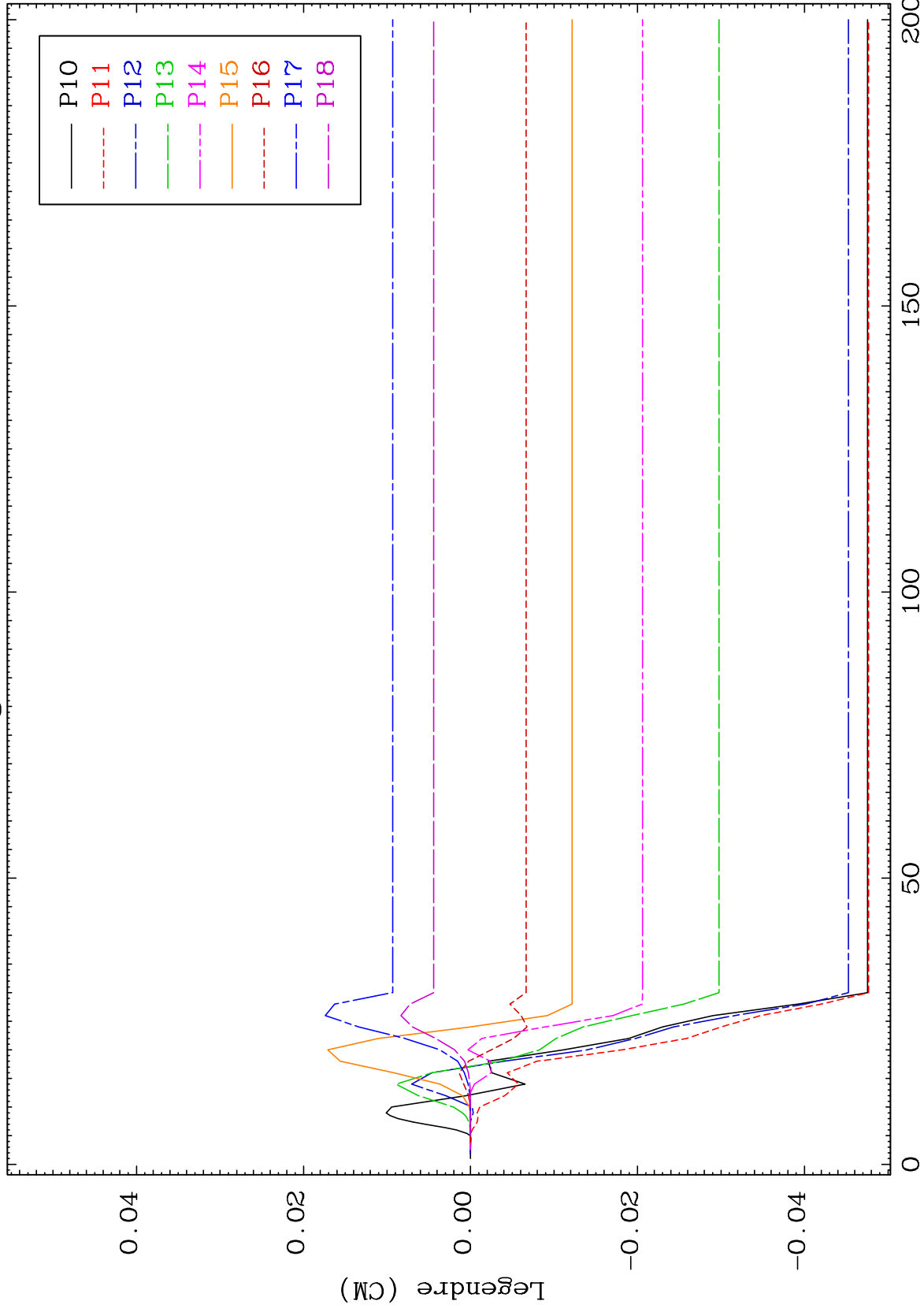
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



74

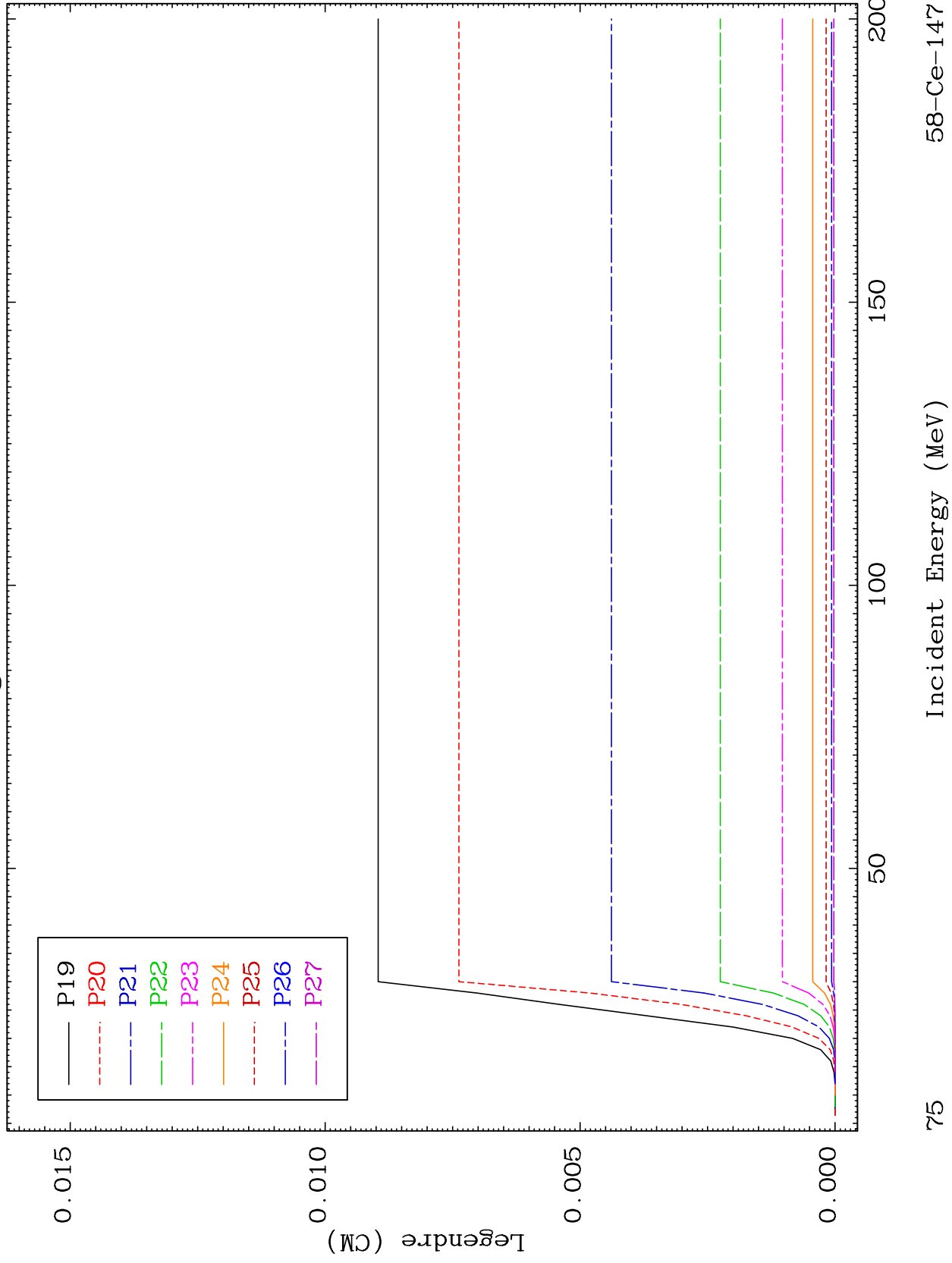
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

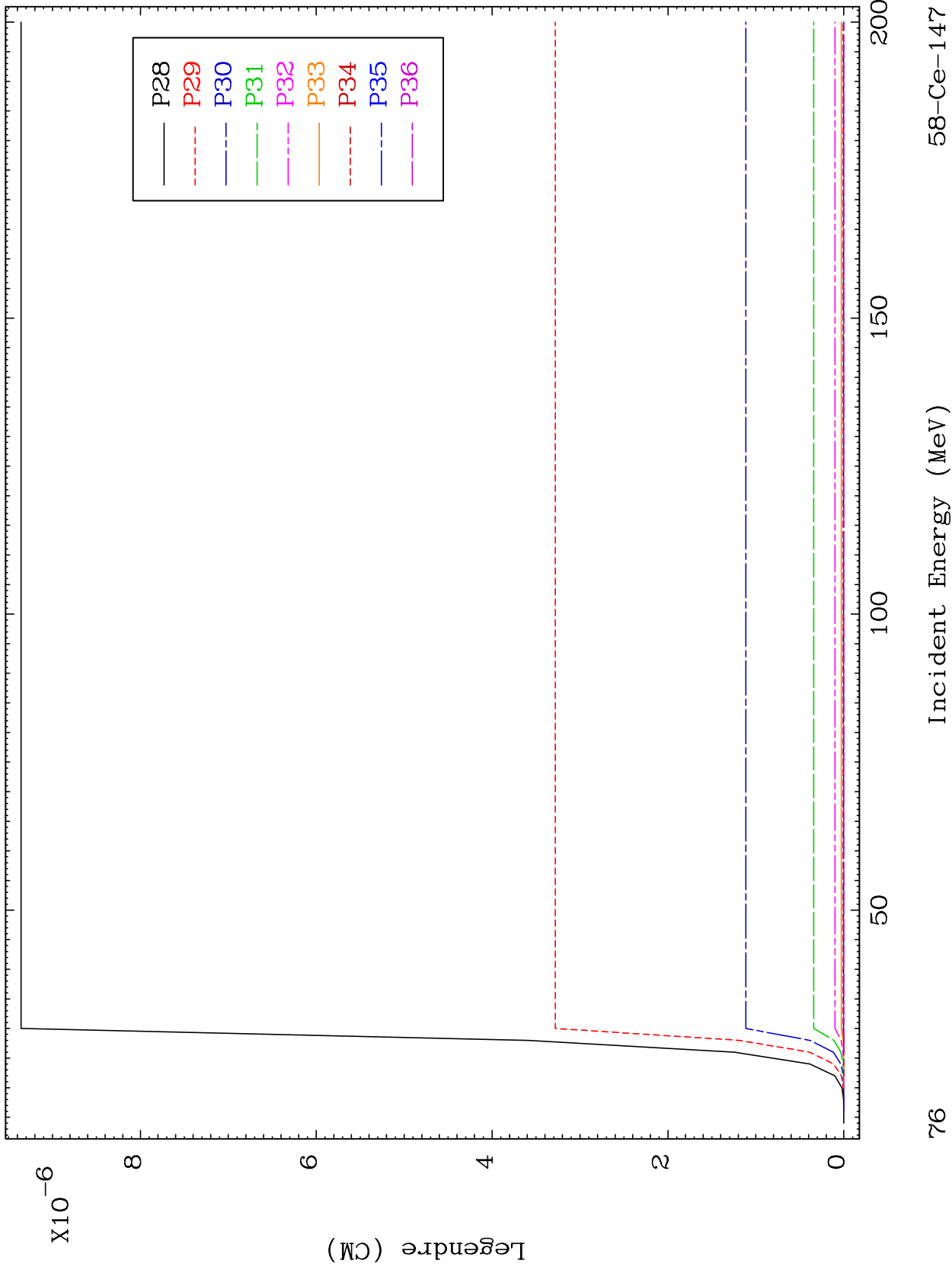
Incident Energy (MeV)

75

MAT 5858

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

58-Ce-147



76

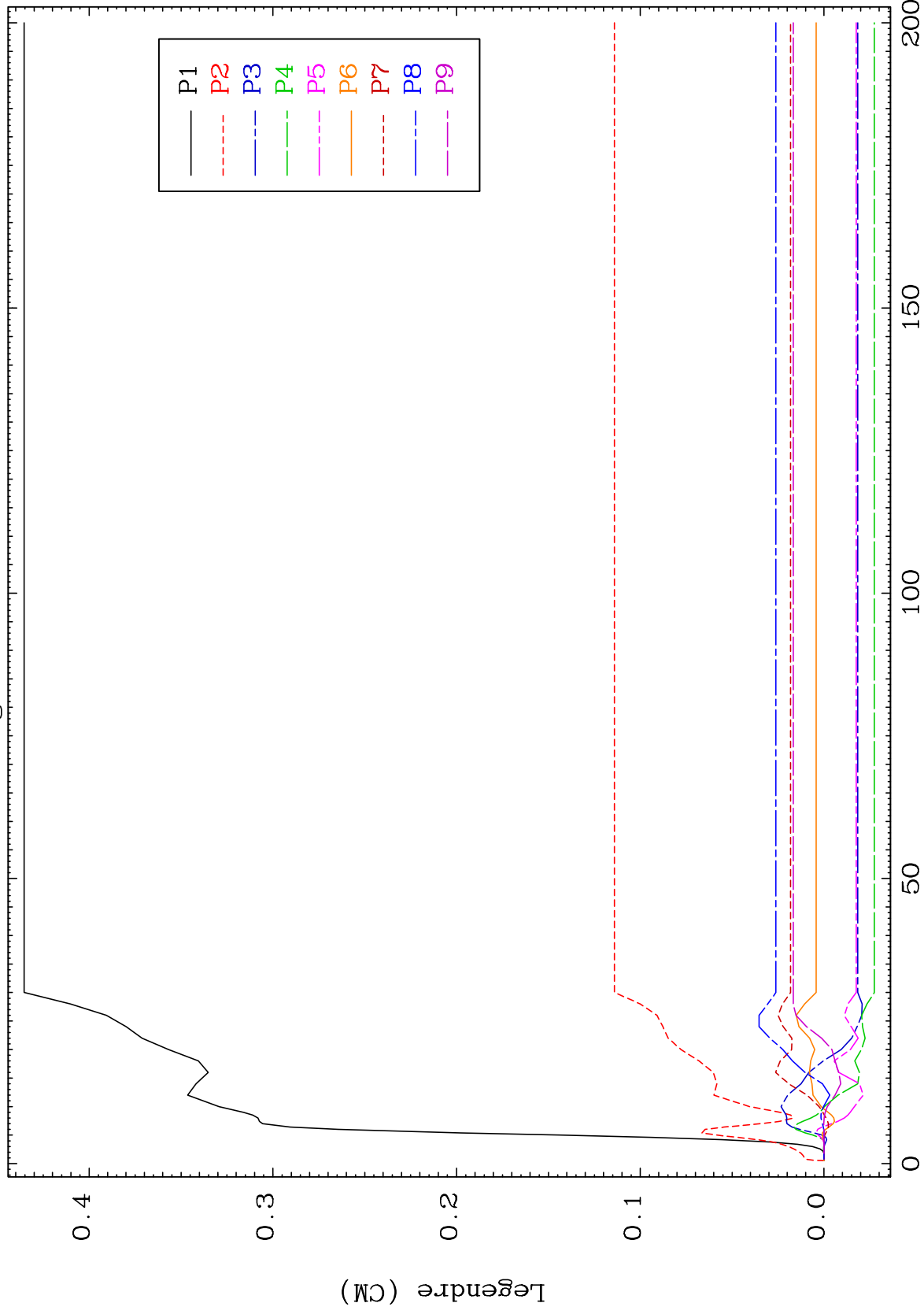
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



77

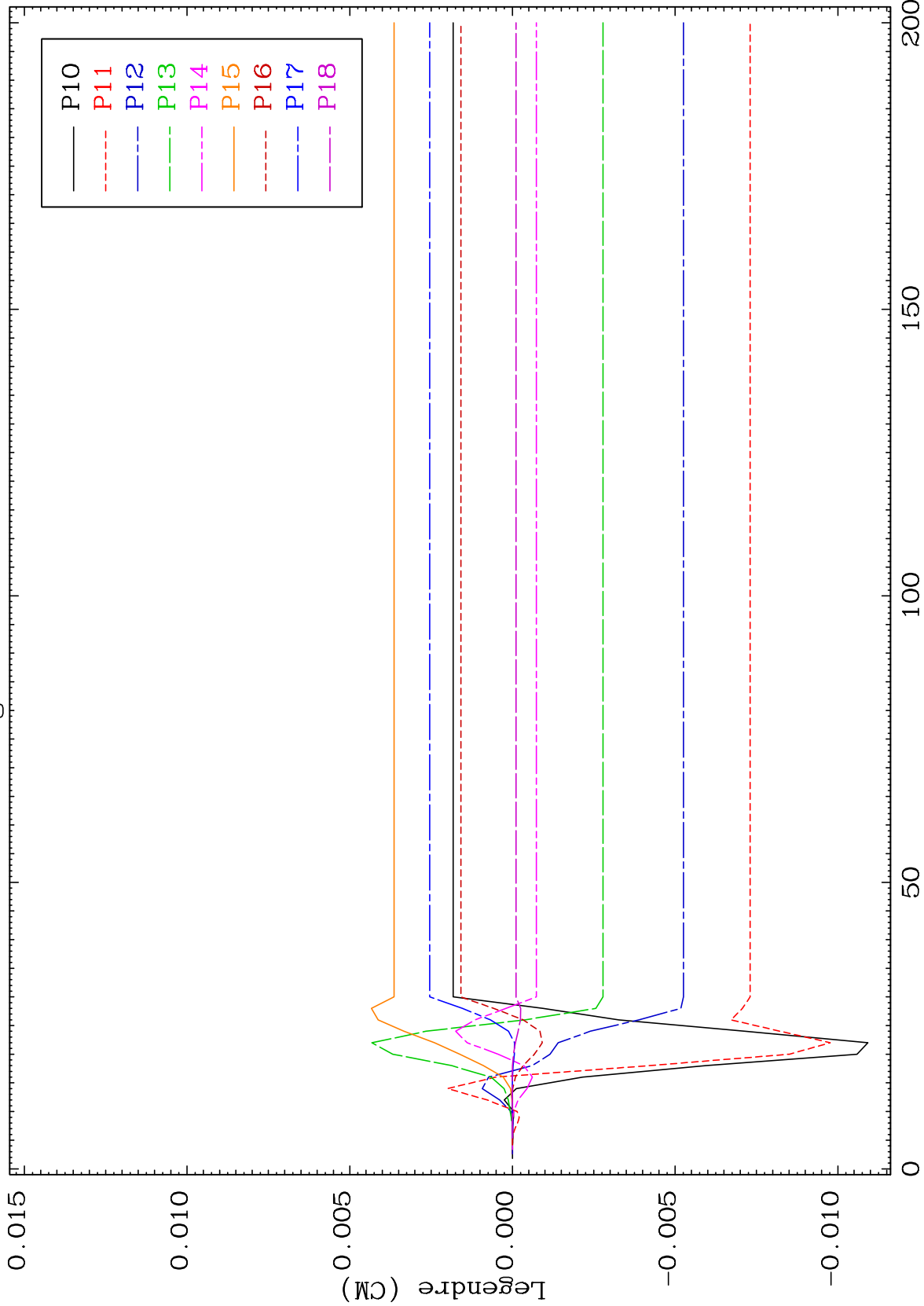
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

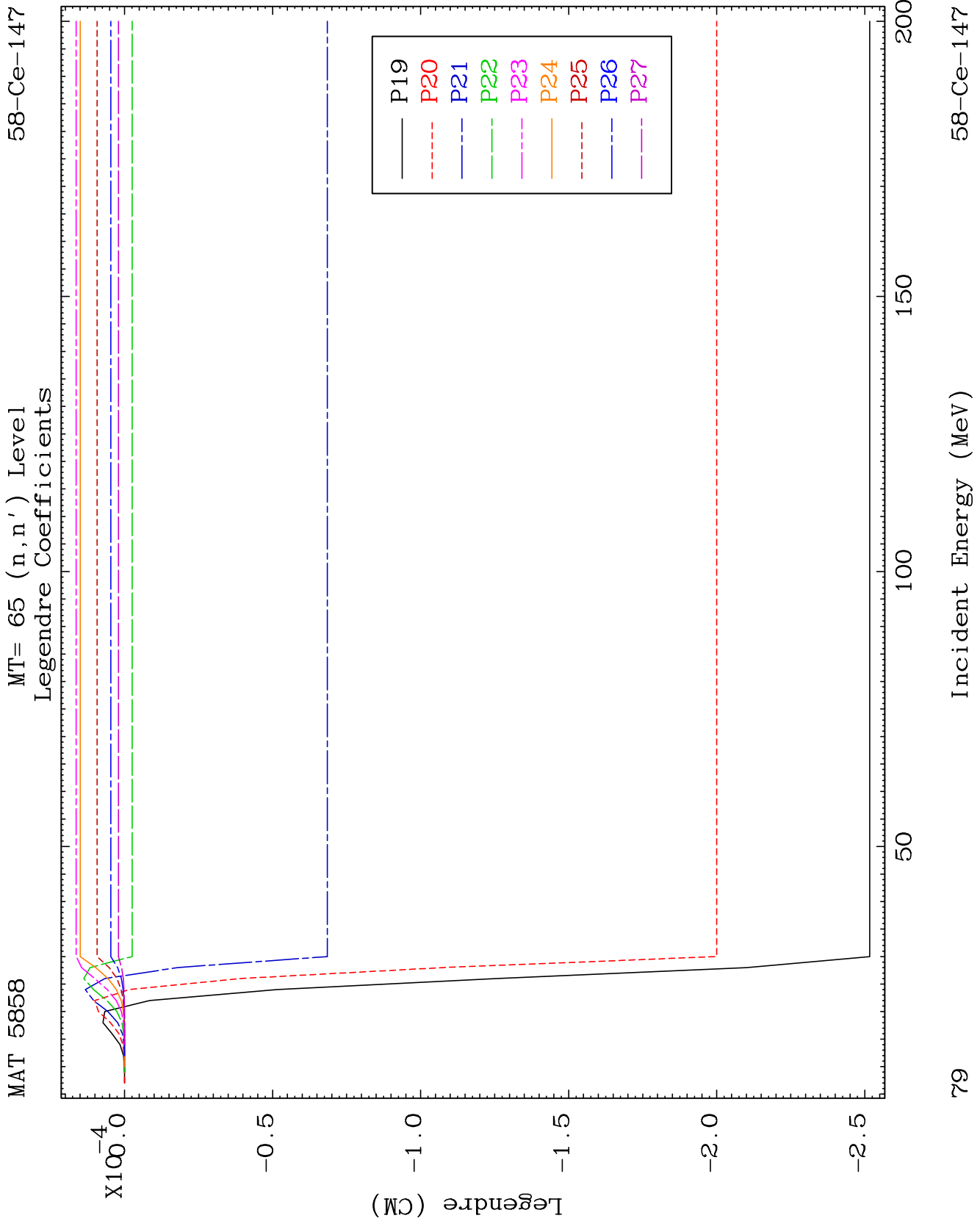
58-Ce-147



78

Incident Energy (MeV)

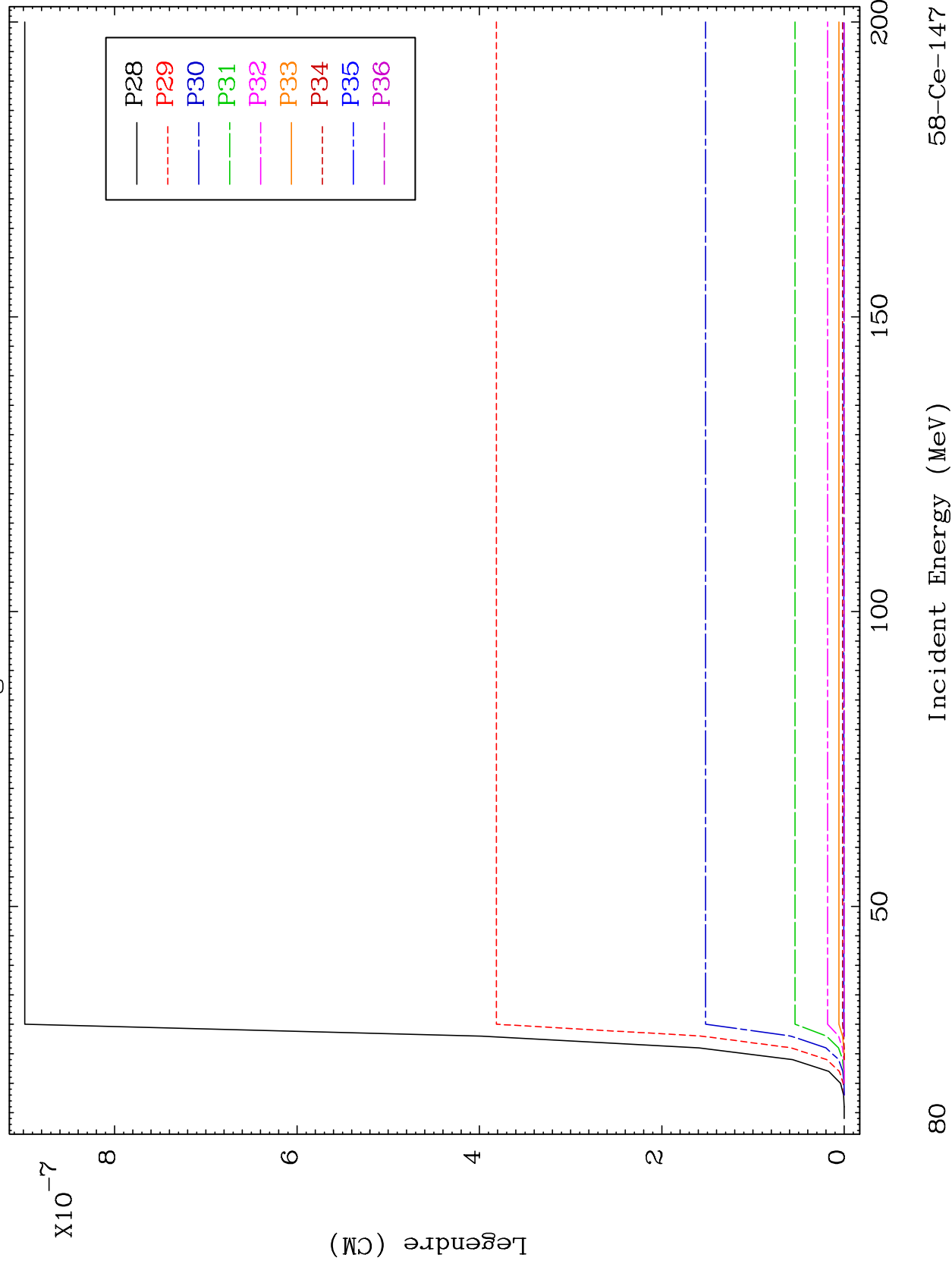
58-Ce-147



MAT 5858

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

58-Ce-147



58-Ce-147

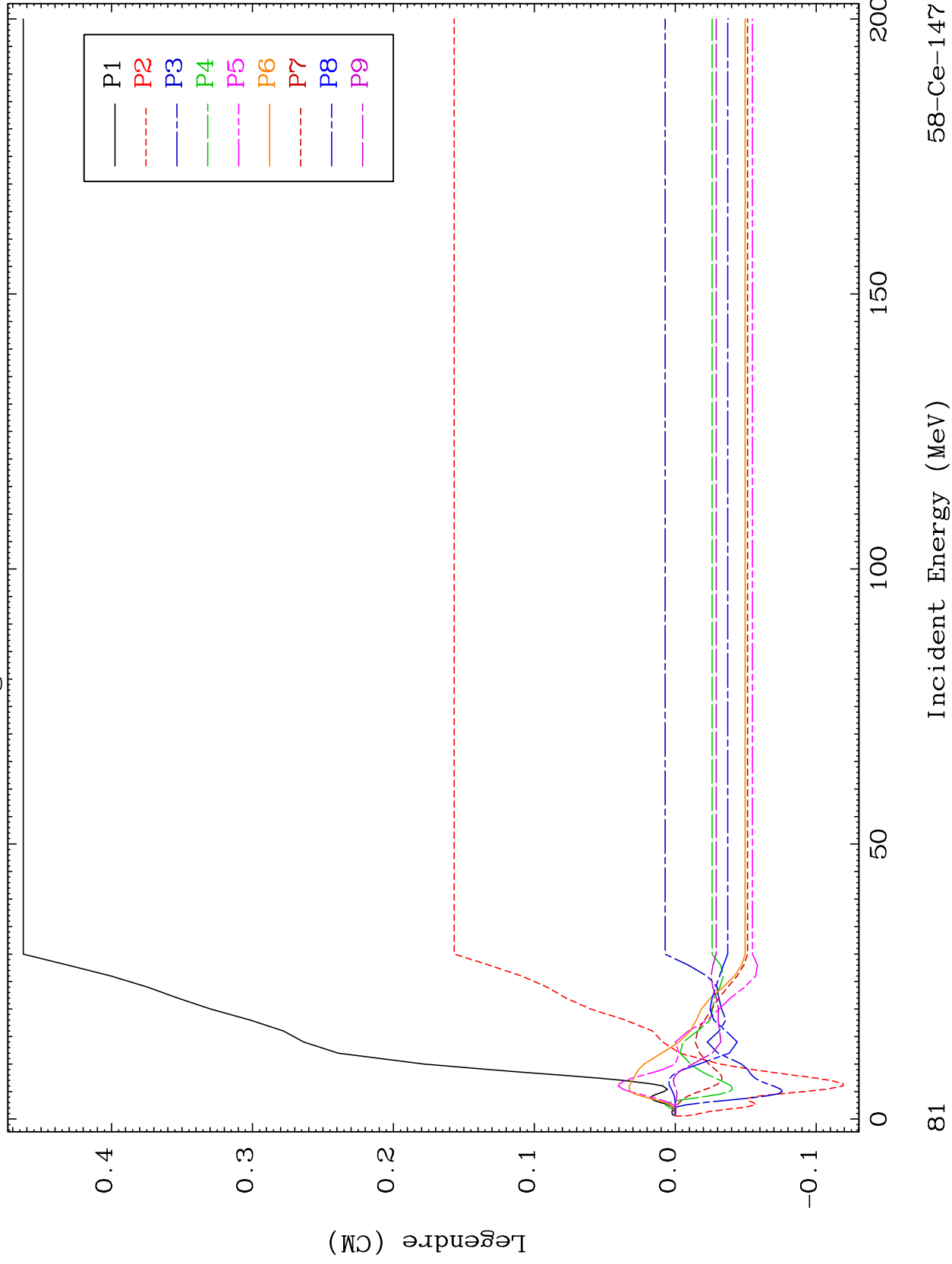
Incident Energy (MeV)

80

MAT 5858

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

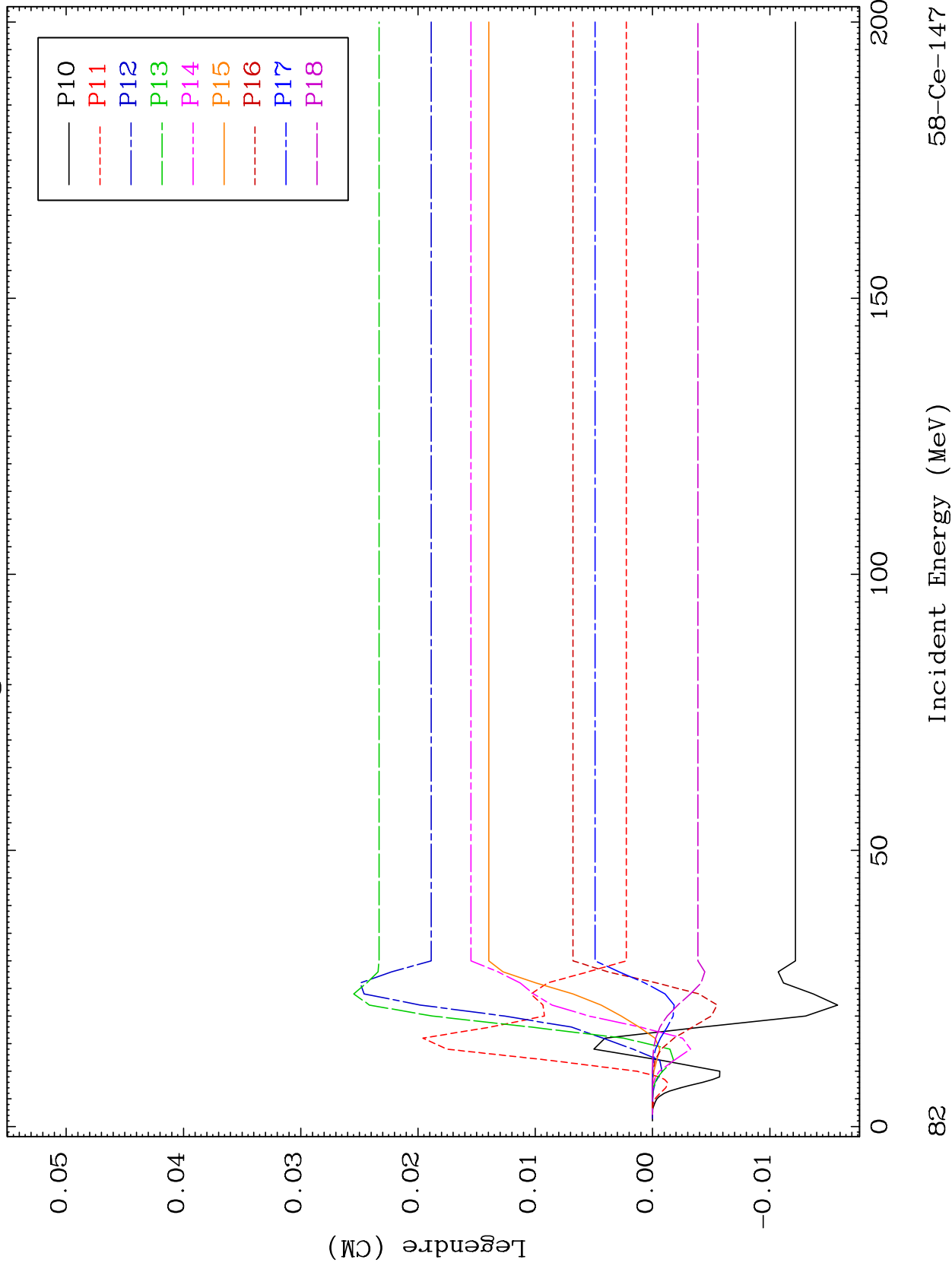
58-Ce-147



MAT 5858

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

58-Ce-147



58-Ce-147

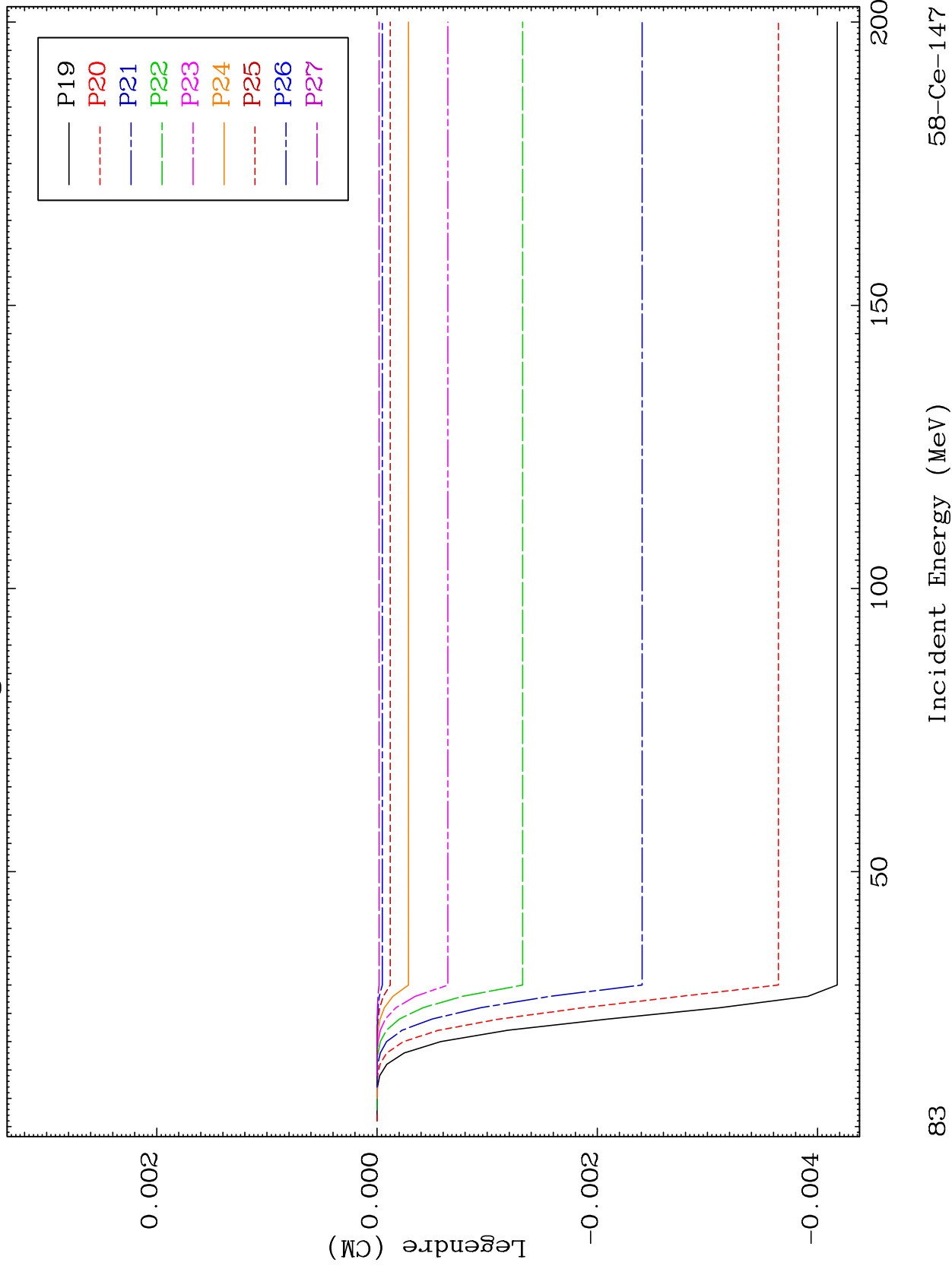
Incident Energy (MeV)

82

MAT 5858

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

58-Ce-147



83

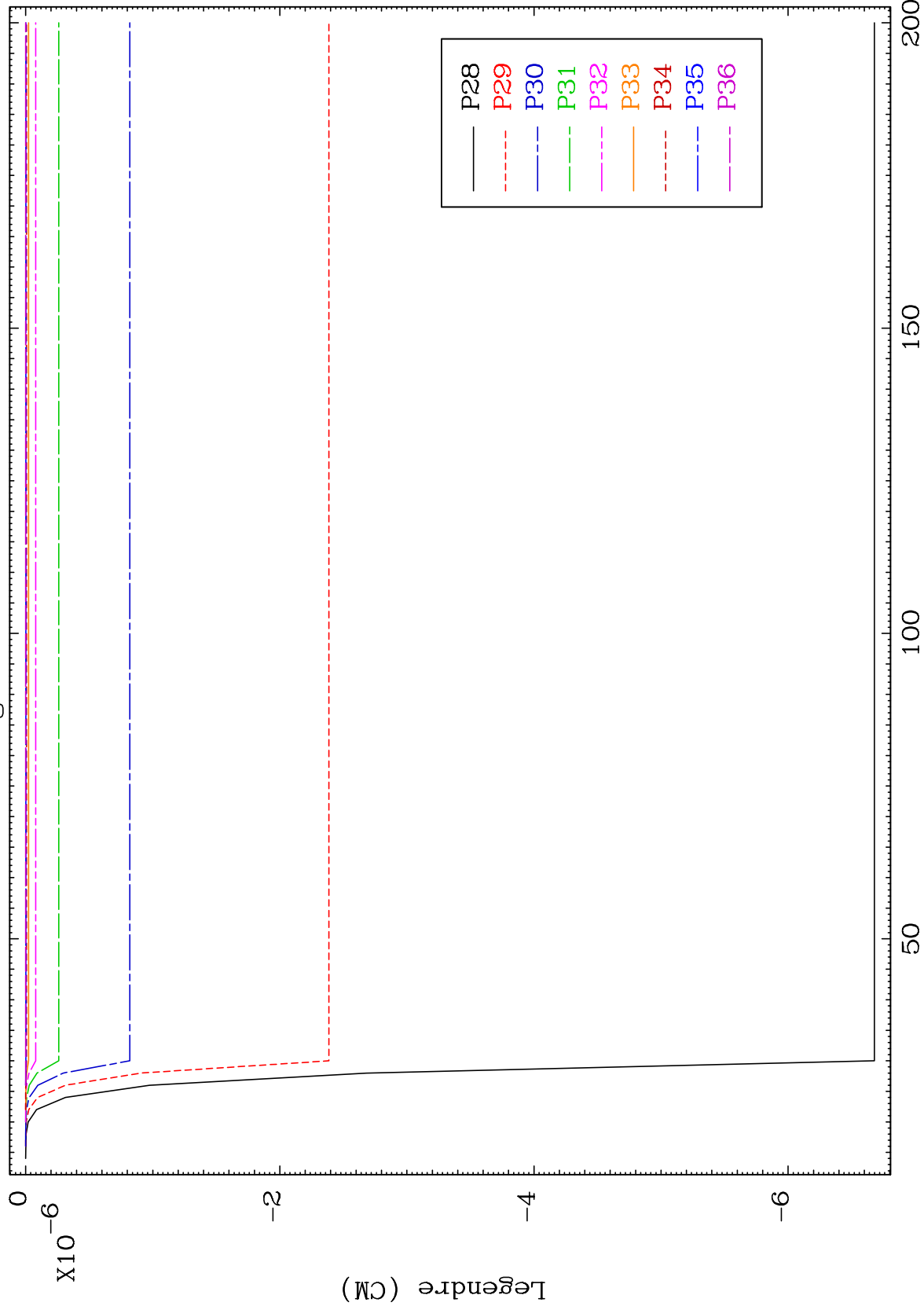
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

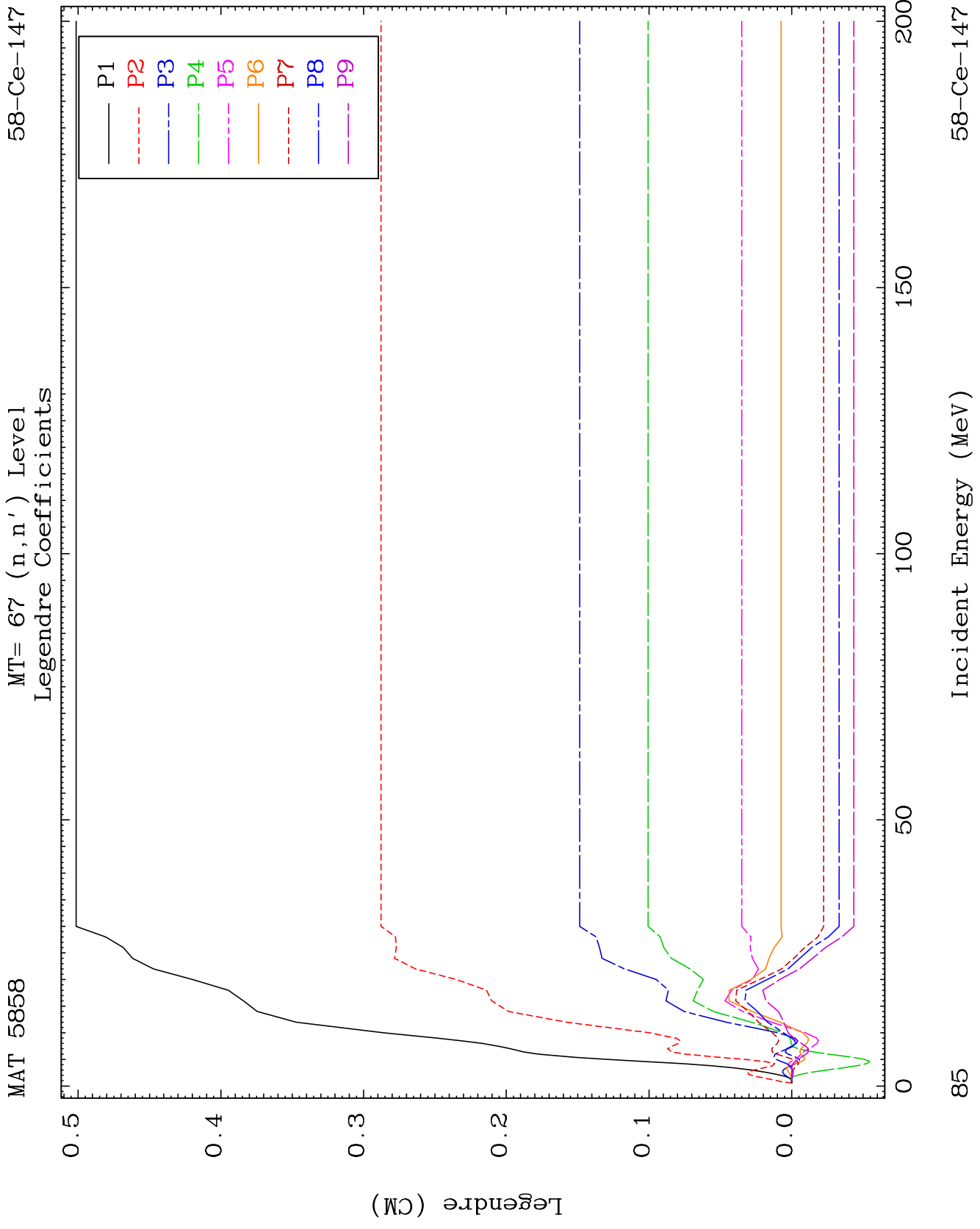
58-Ce-147



84

Incident Energy (MeV)

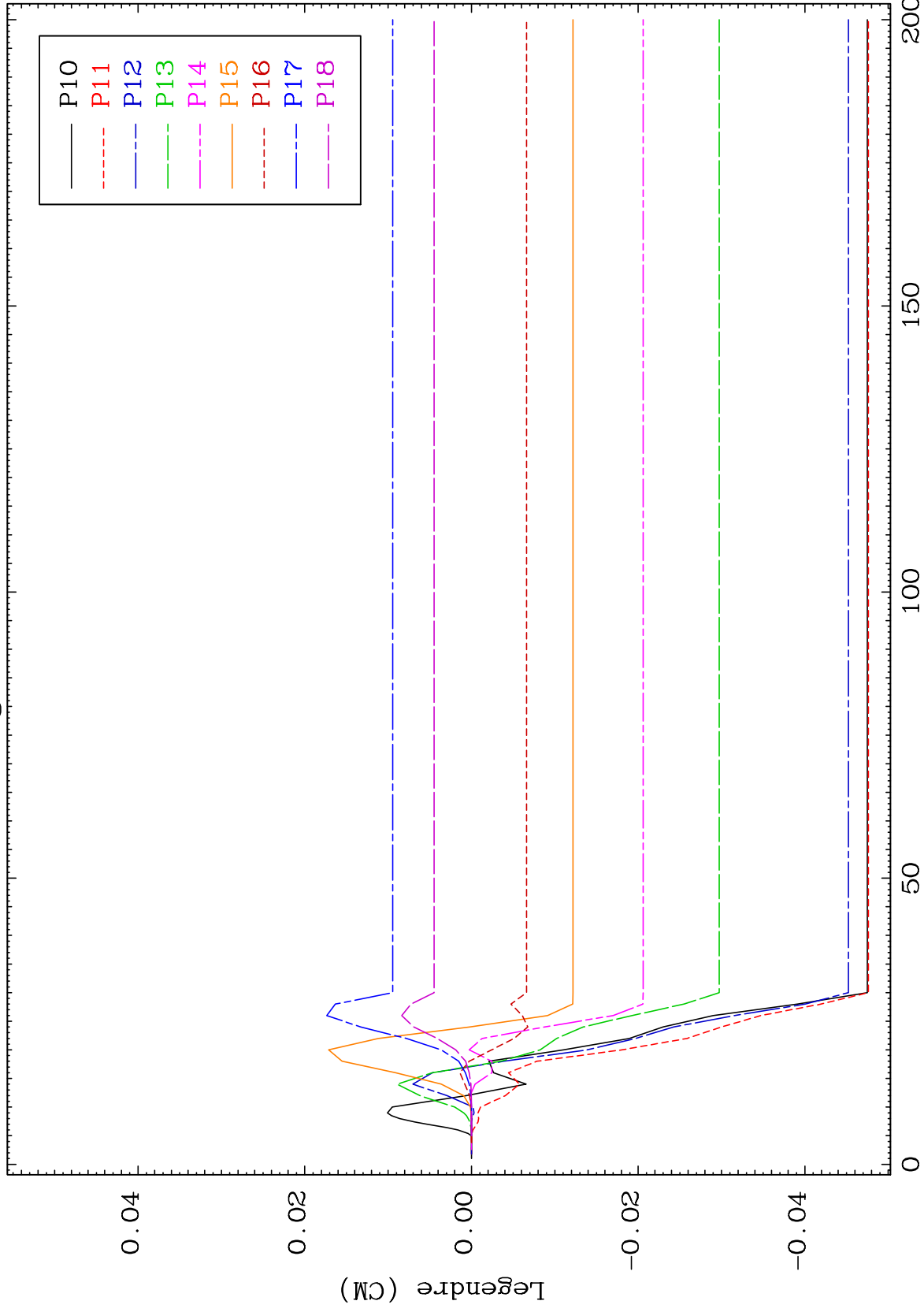
58-Ce-147



MAT 5858

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

58-Ce-147



86

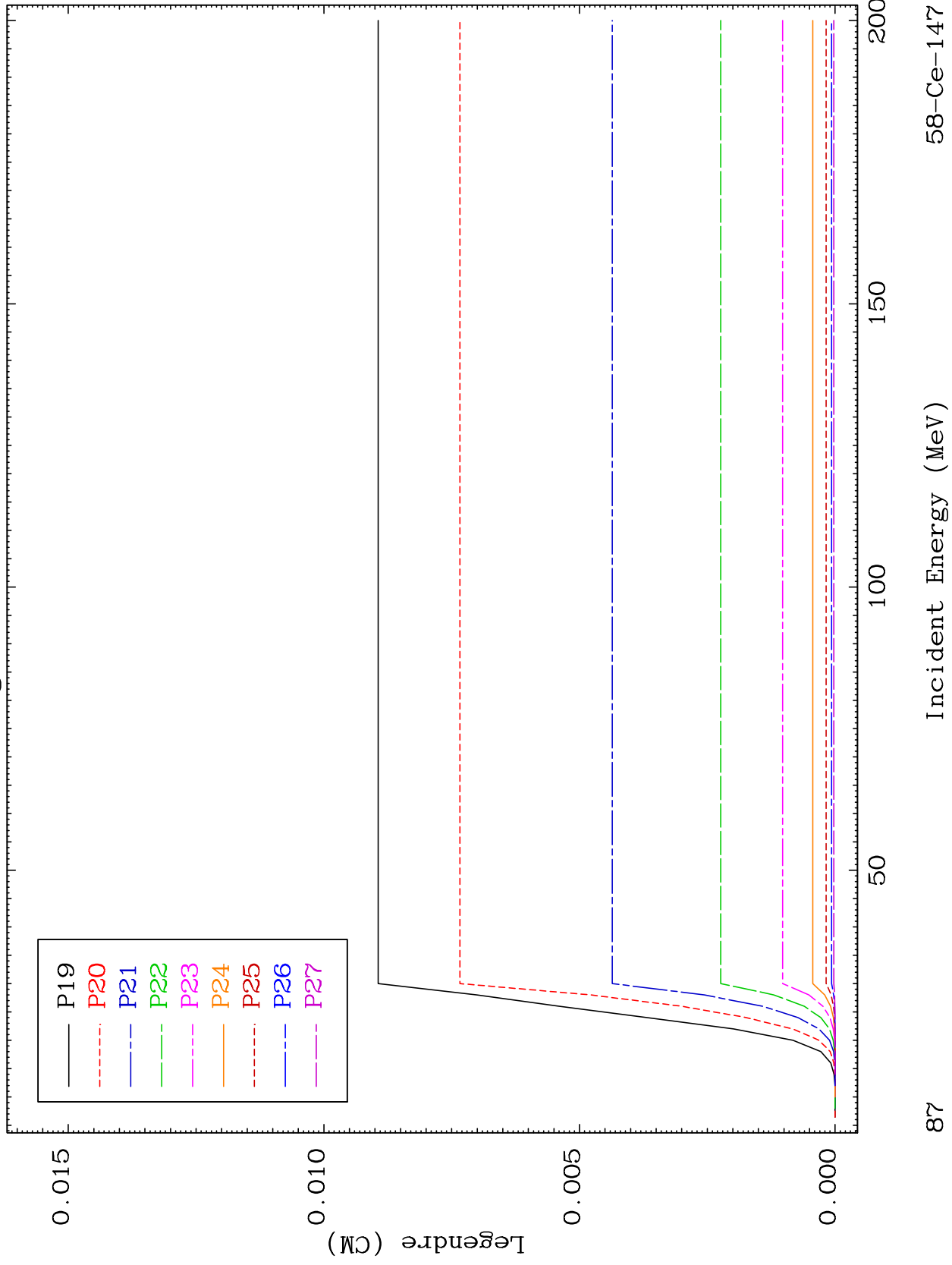
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

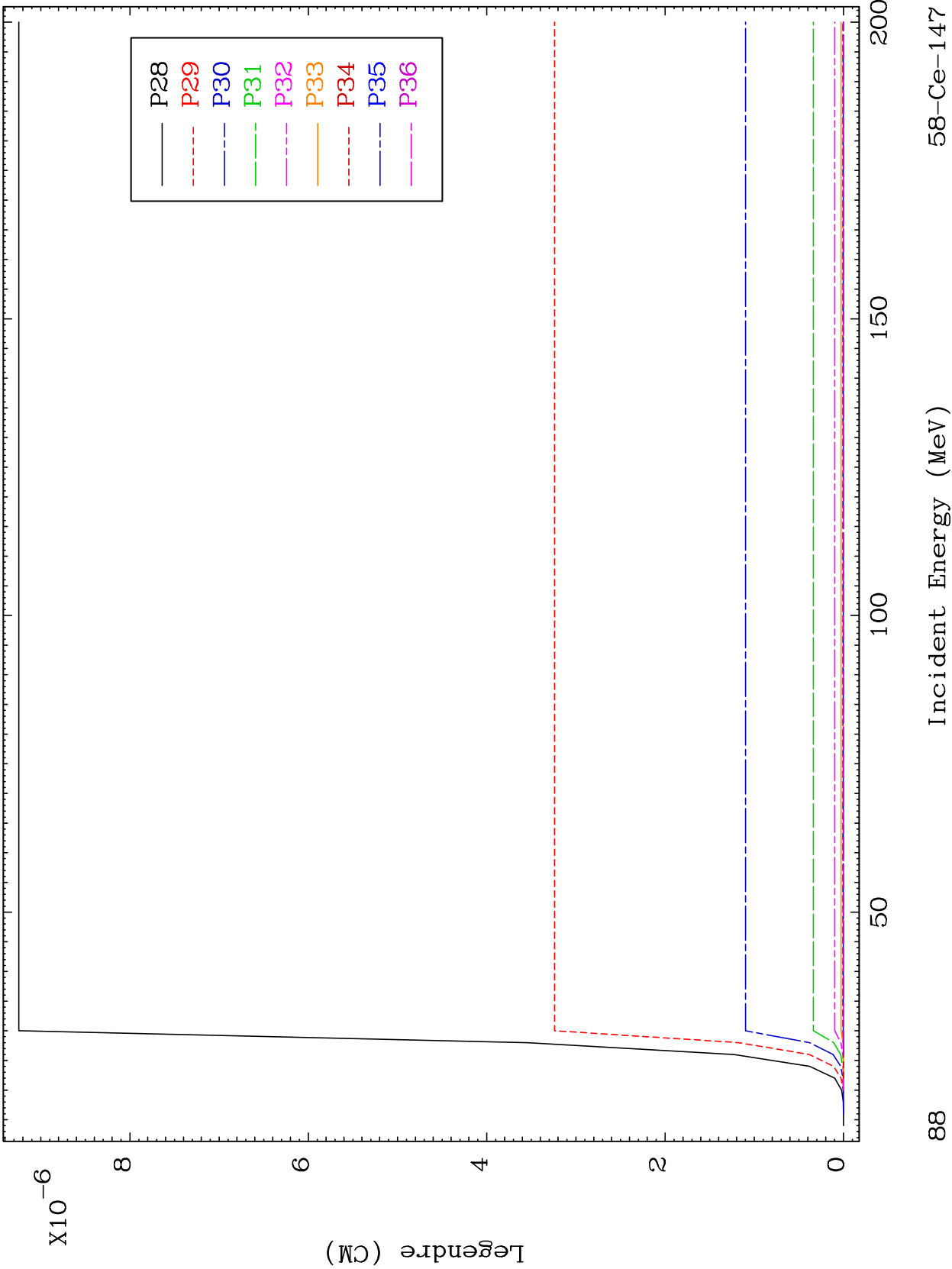
58-Ce-147



MAT 5858

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

58-Ce-147



58-Ce-147

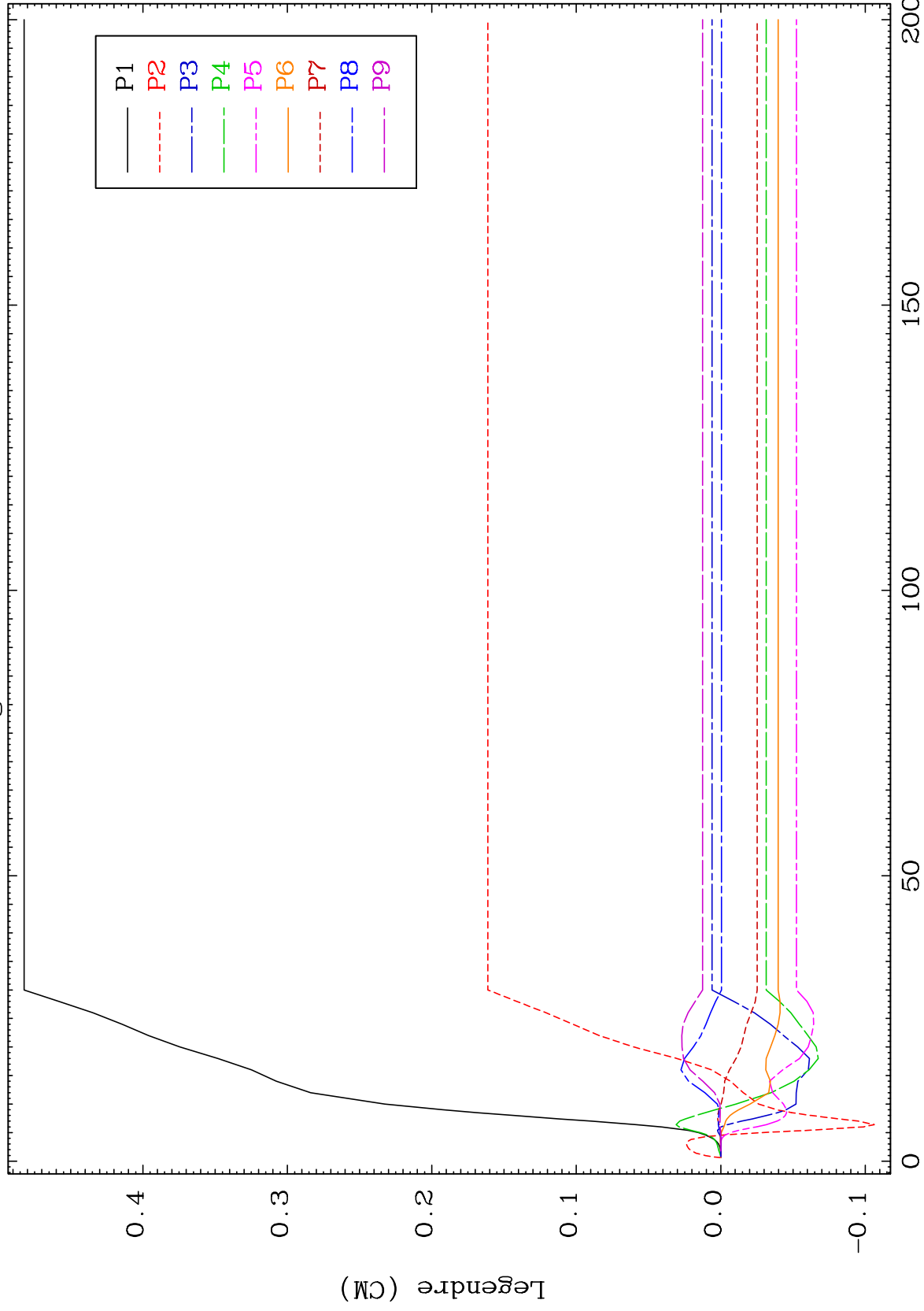
Incident Energy (MeV)

88

MAT 5858

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

58-Ce-147



89

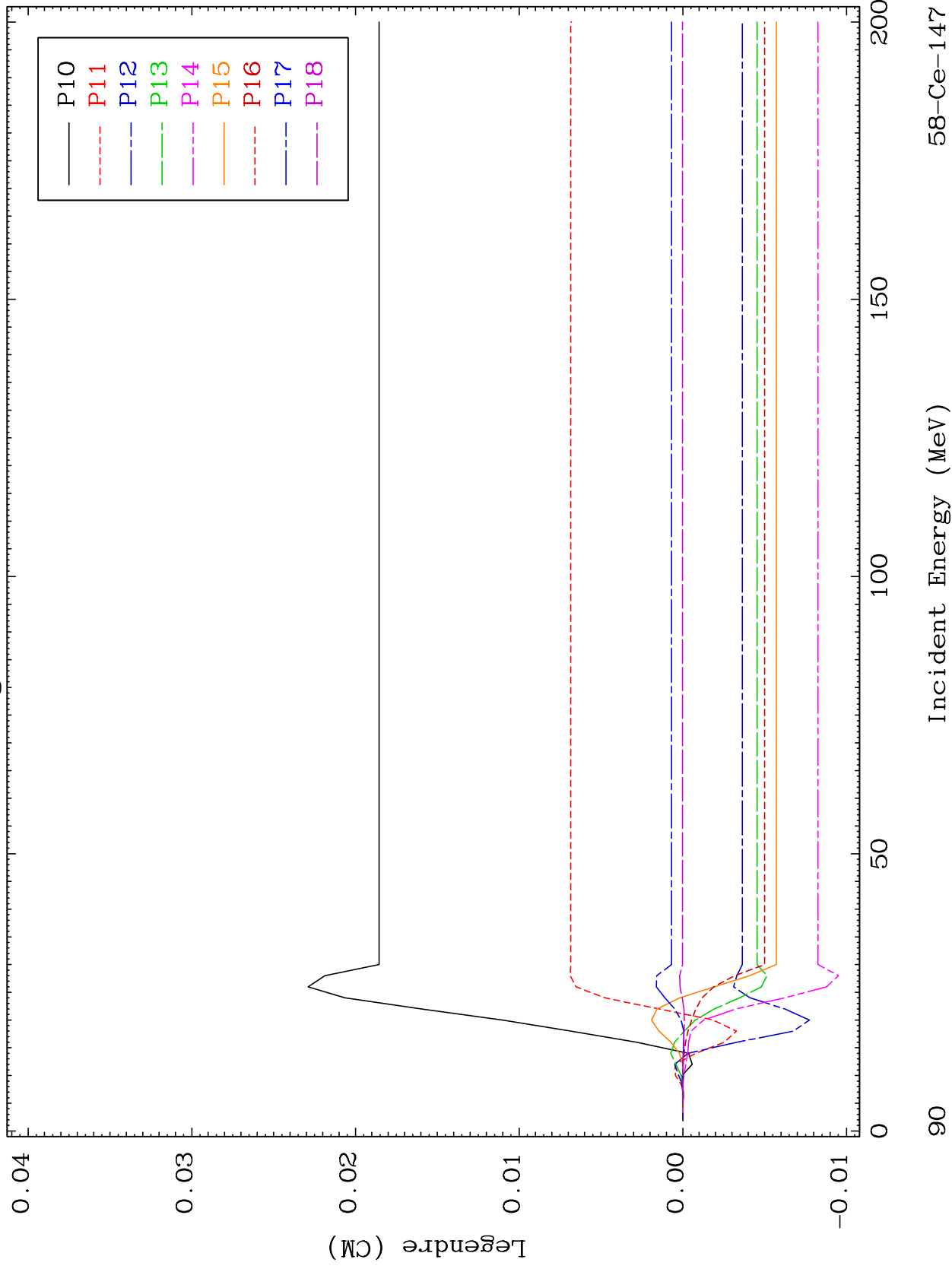
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

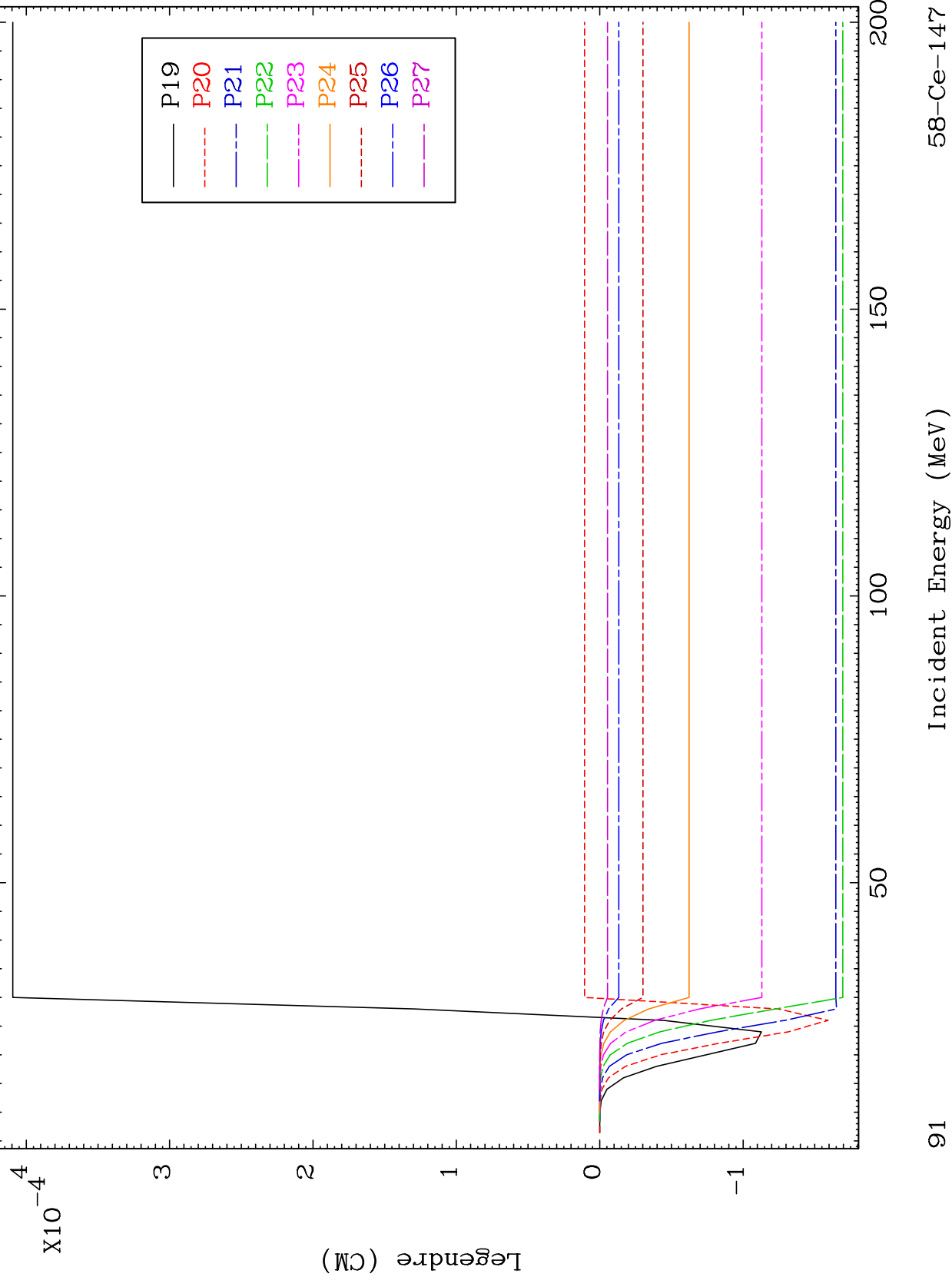
Incident Energy (MeV)

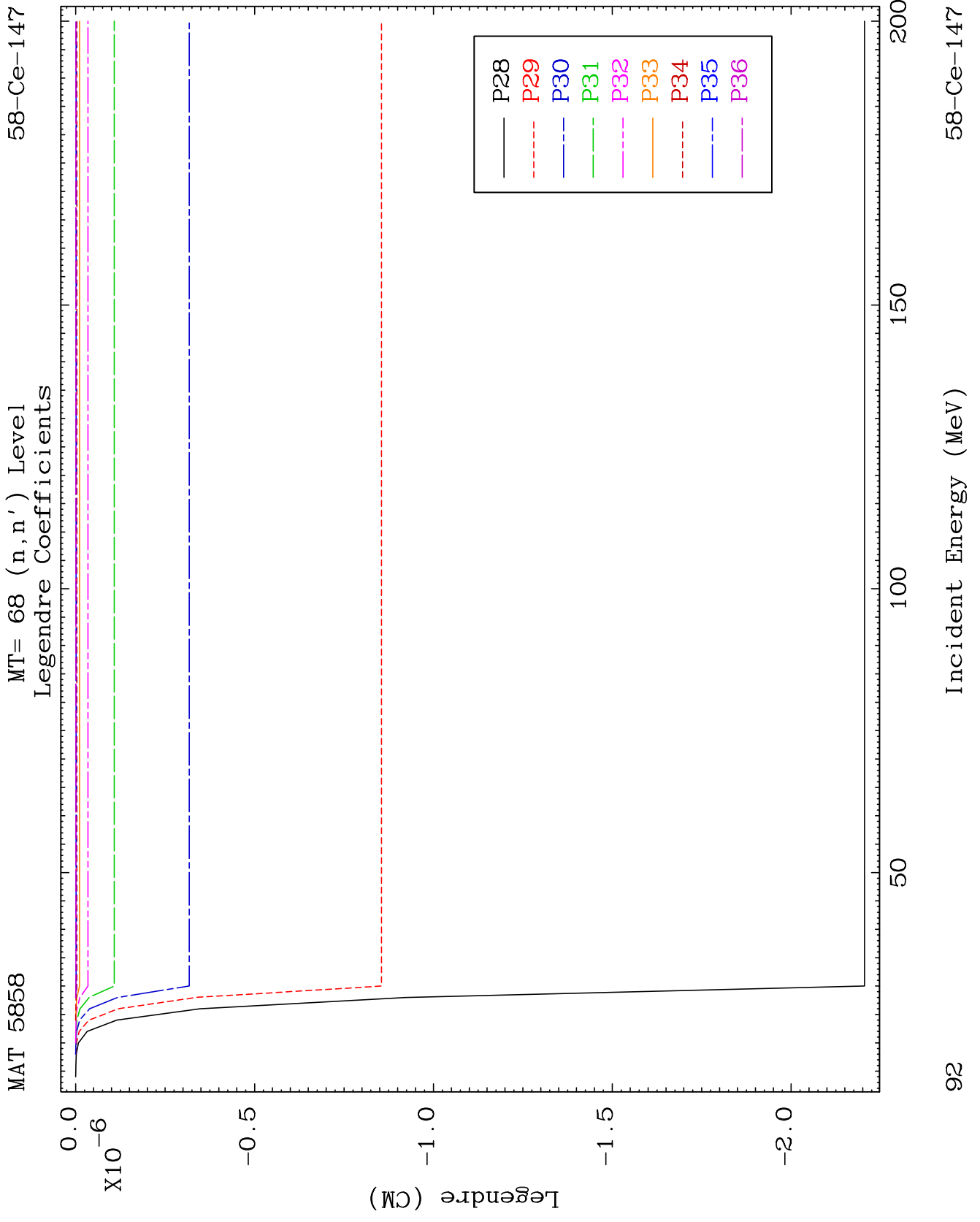
90

MAT 5858

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

58-Ce-147

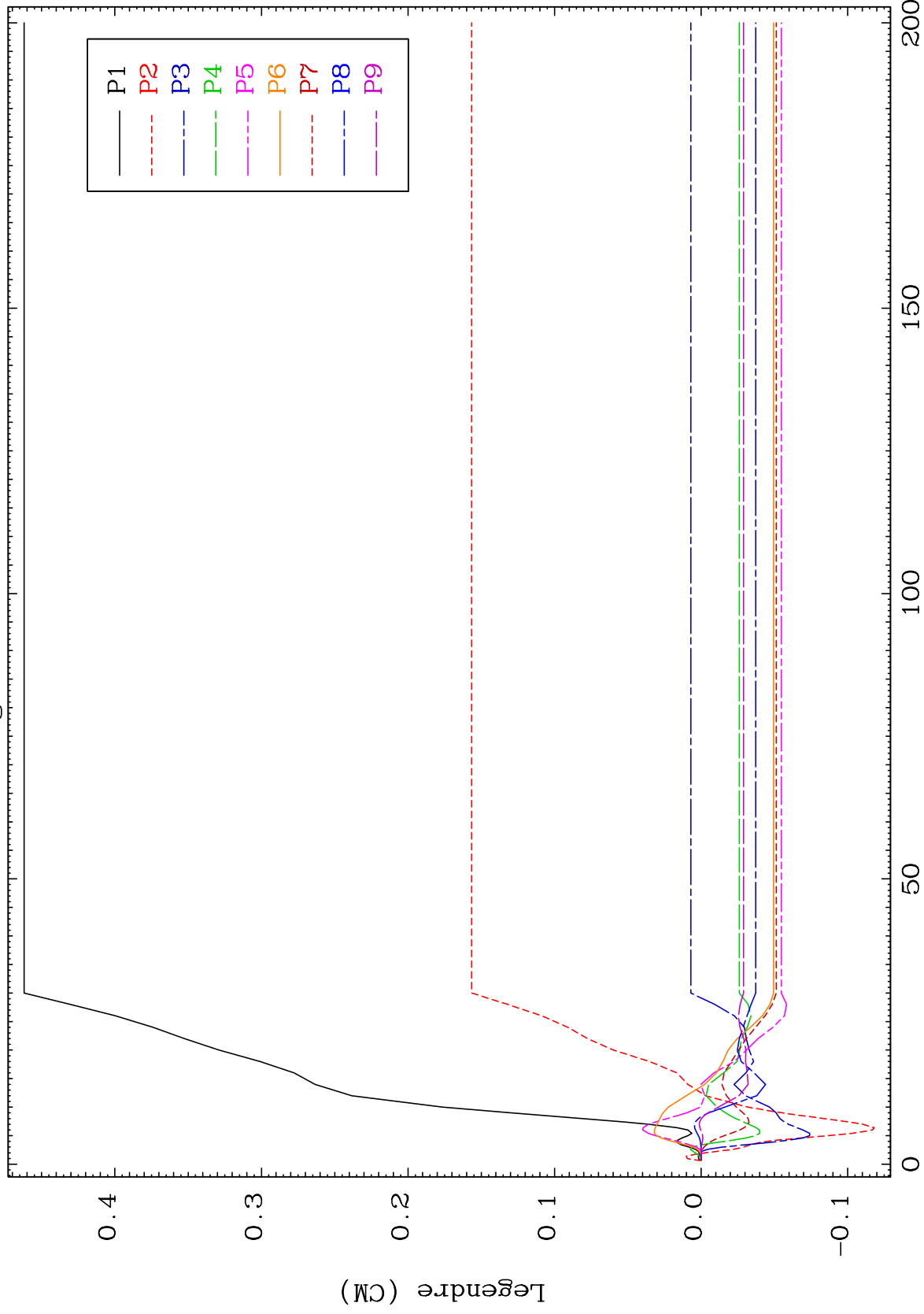




MAT 5858

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

58-Ce-147



93

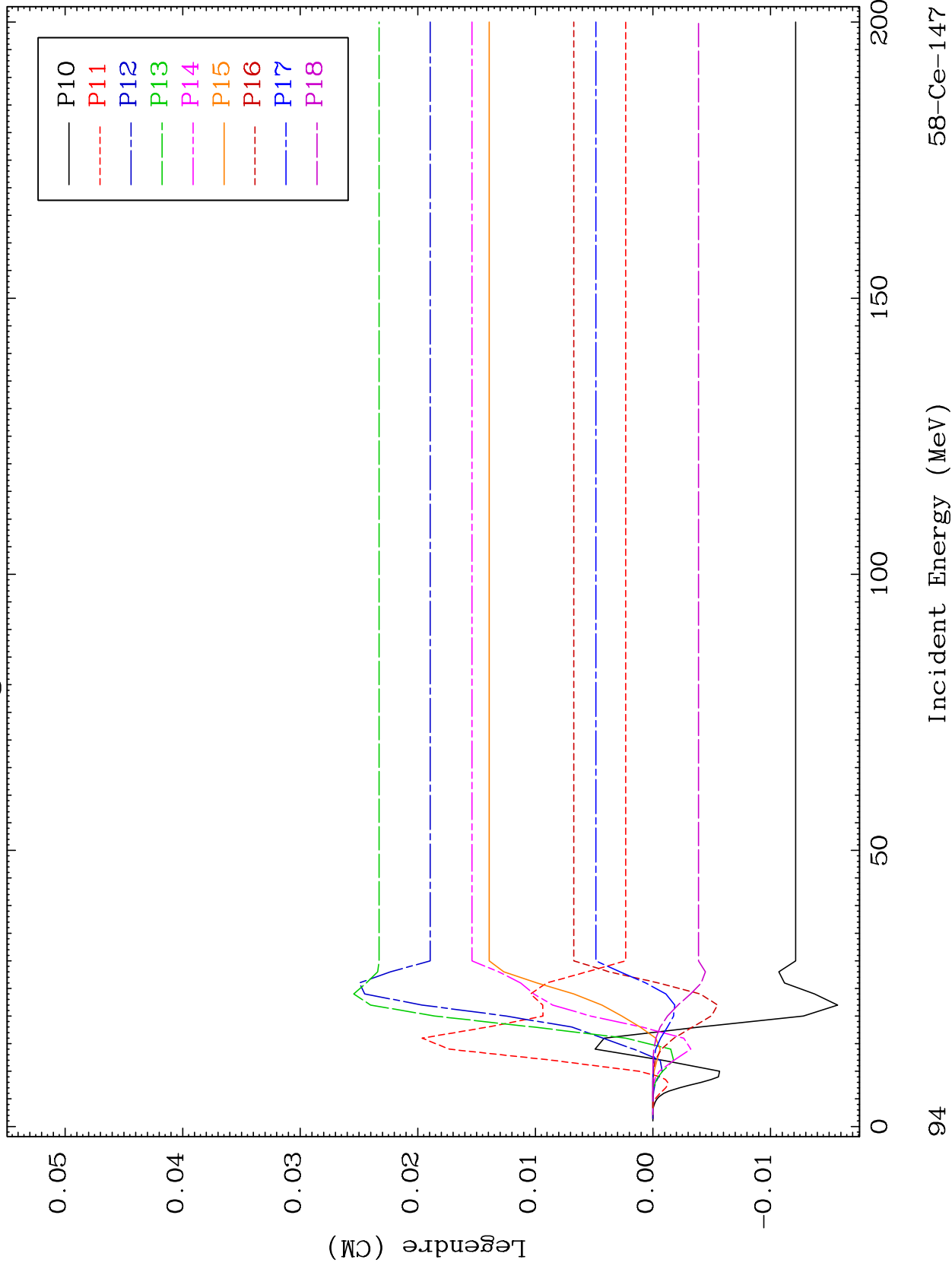
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

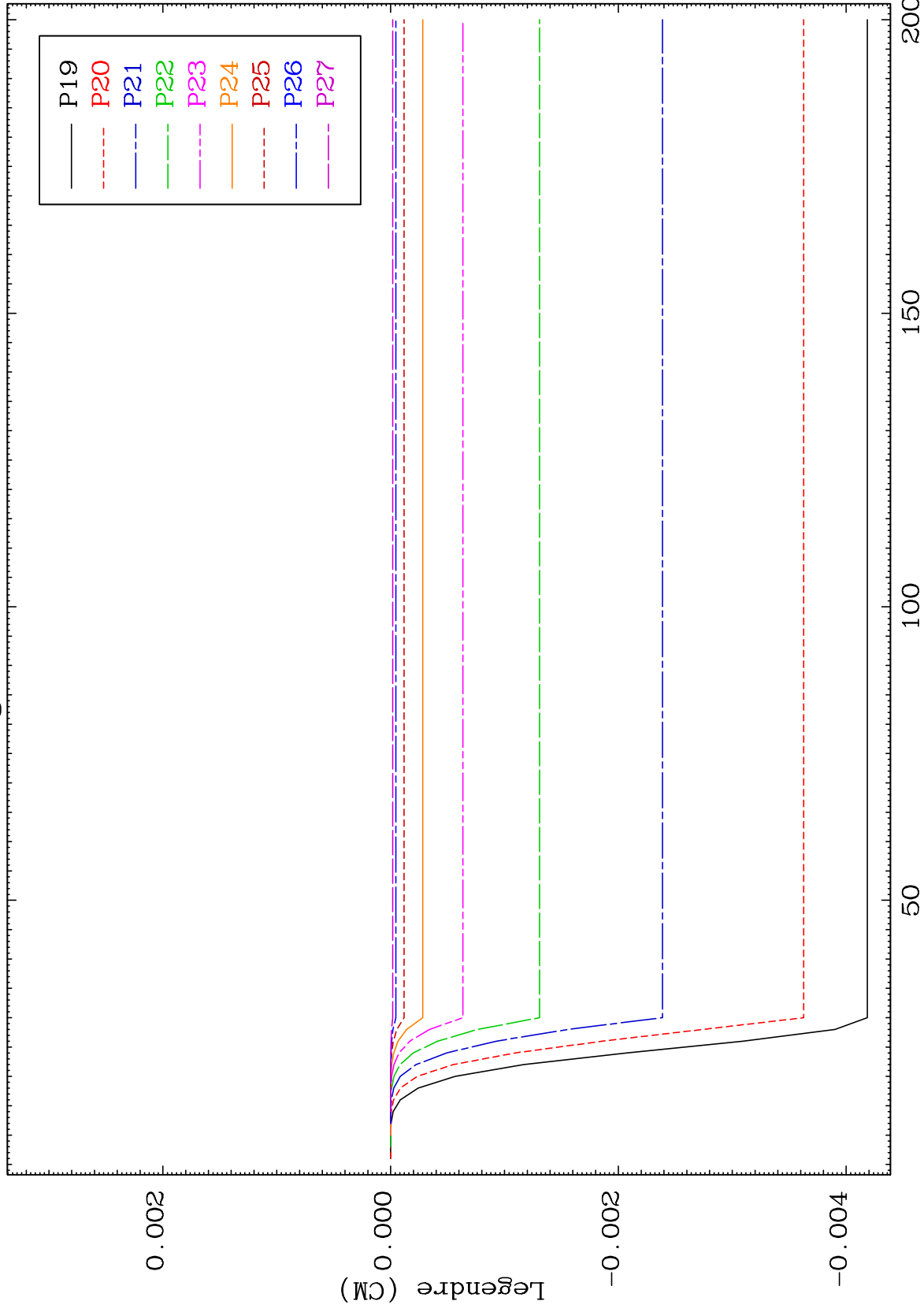
Incident Energy (MeV)

94

MAT 5858

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

58-Ce-147



95

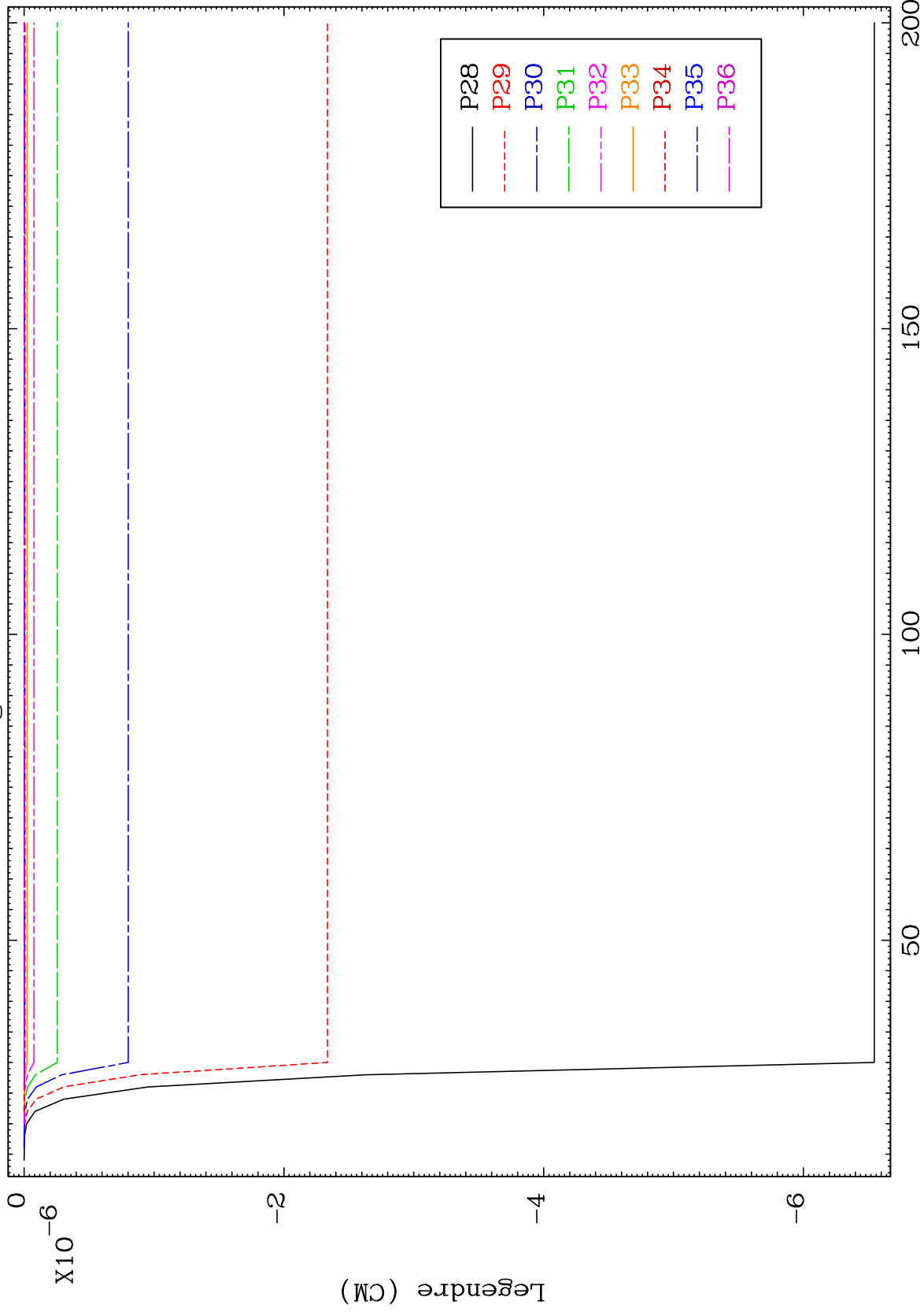
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

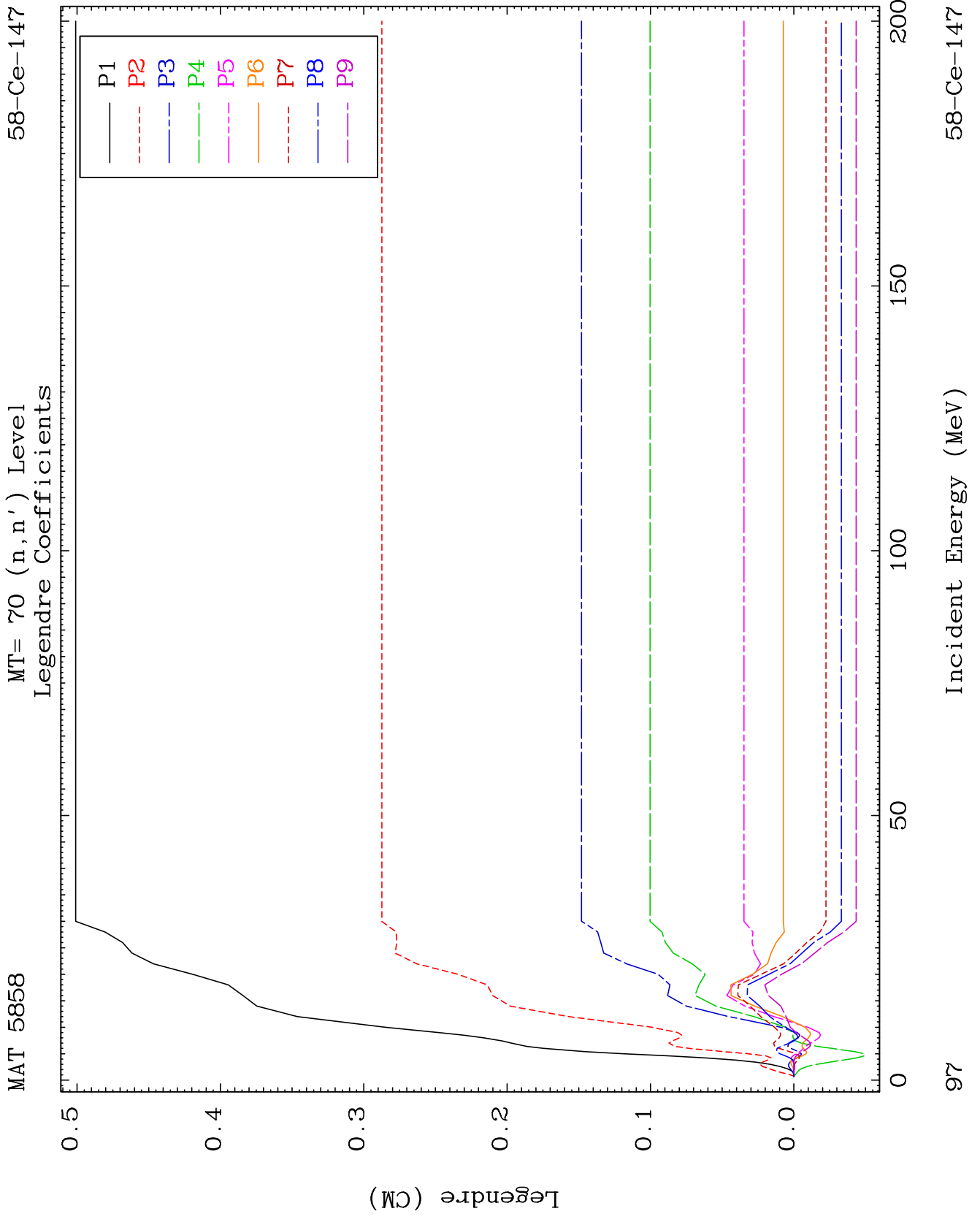
58-Ce-147



96

Incident Energy (MeV)

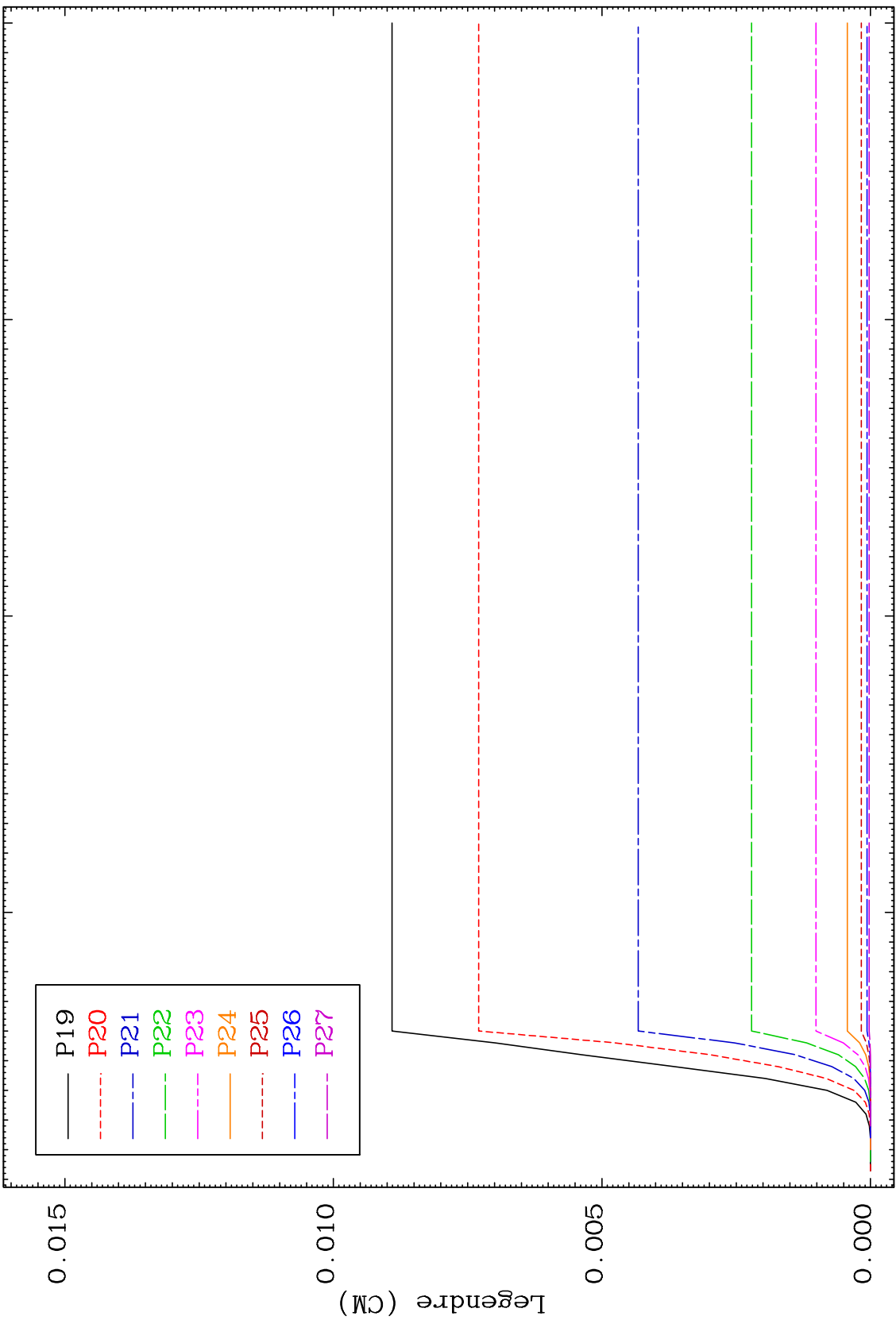
58-Ce-147



MAT 5858

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

58-Ce-147



99

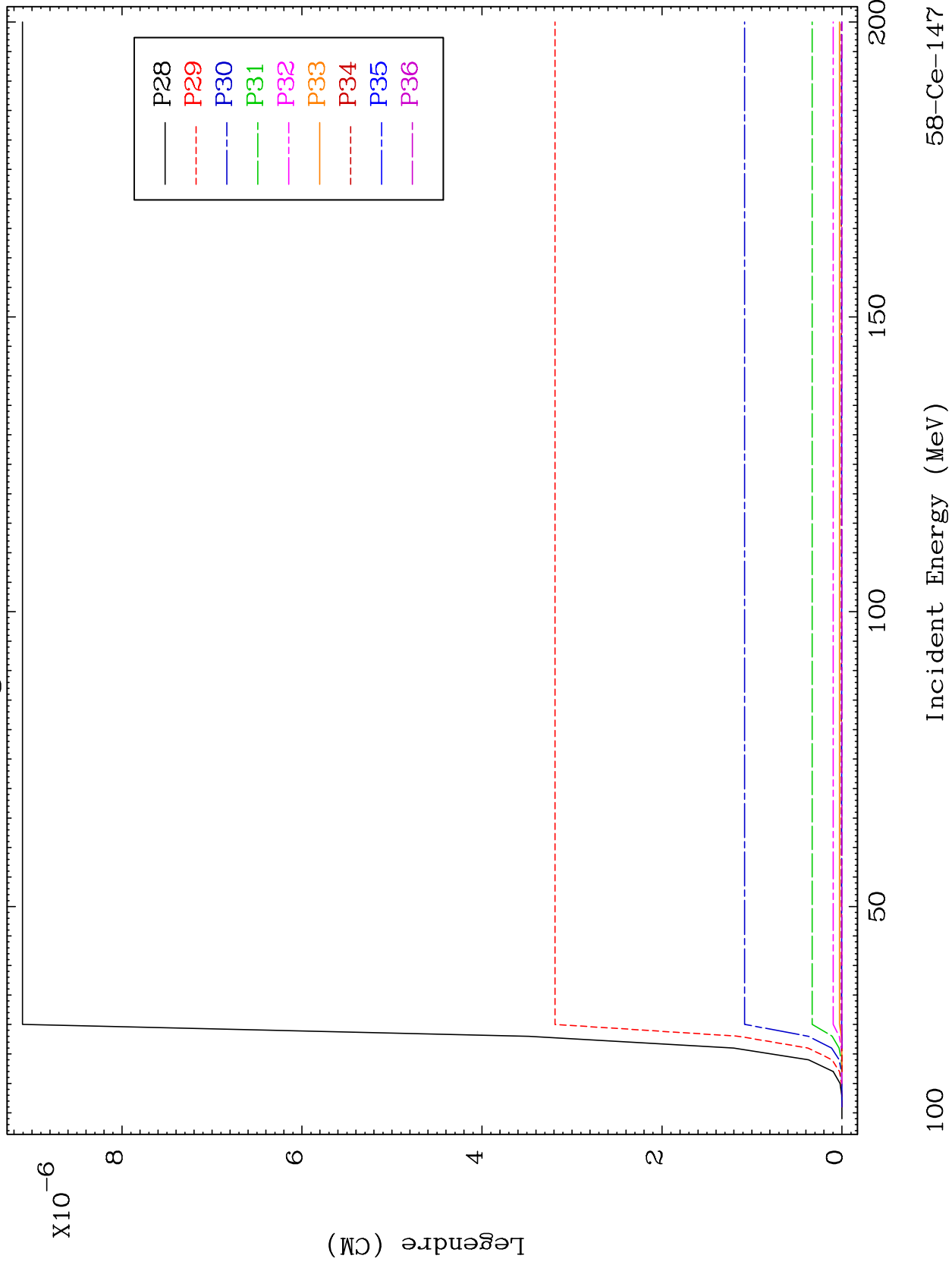
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

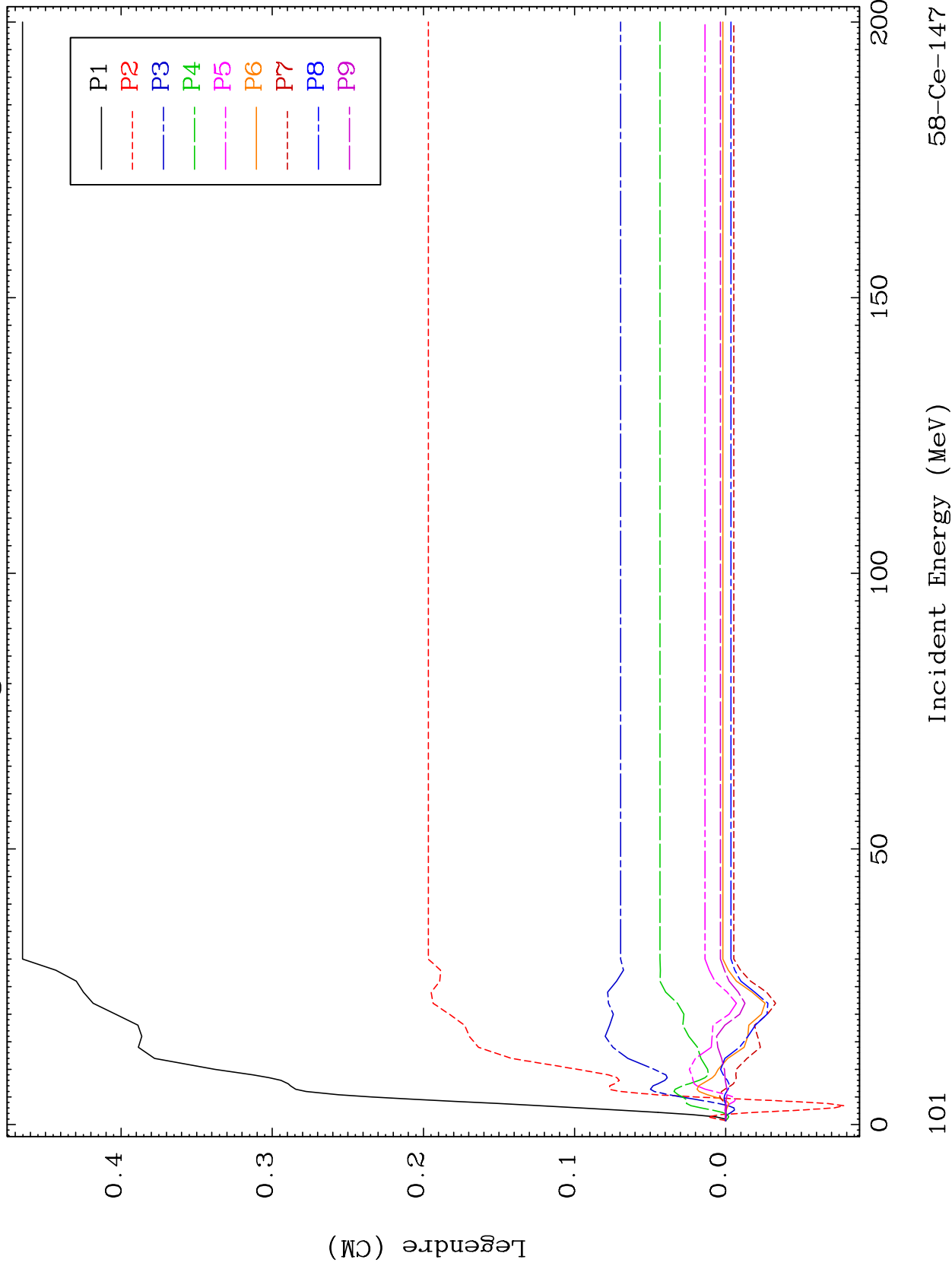
58-Ce-147



MAT 5858

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

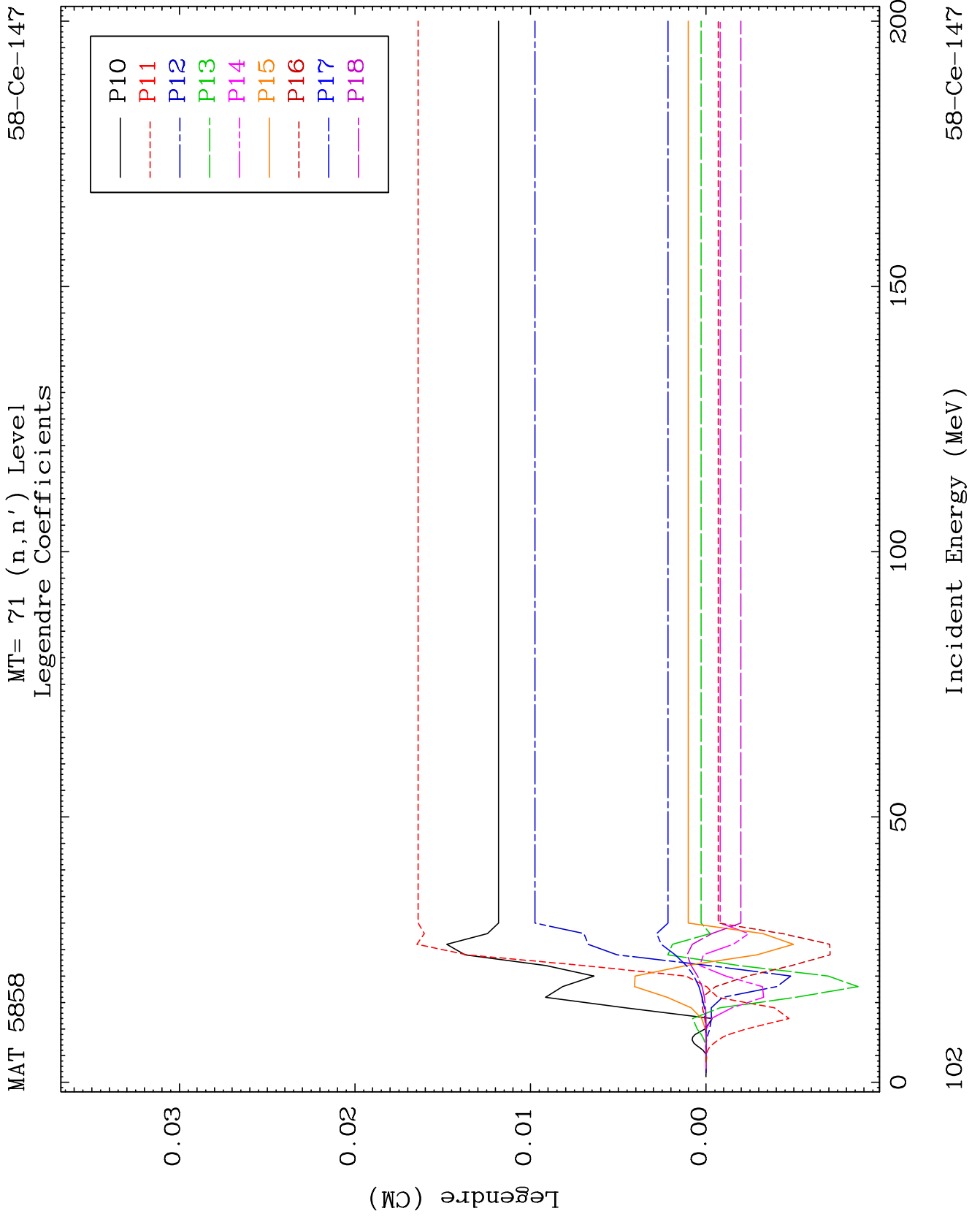
58-Ce-147



58-Ce-147

Incident Energy (MeV)

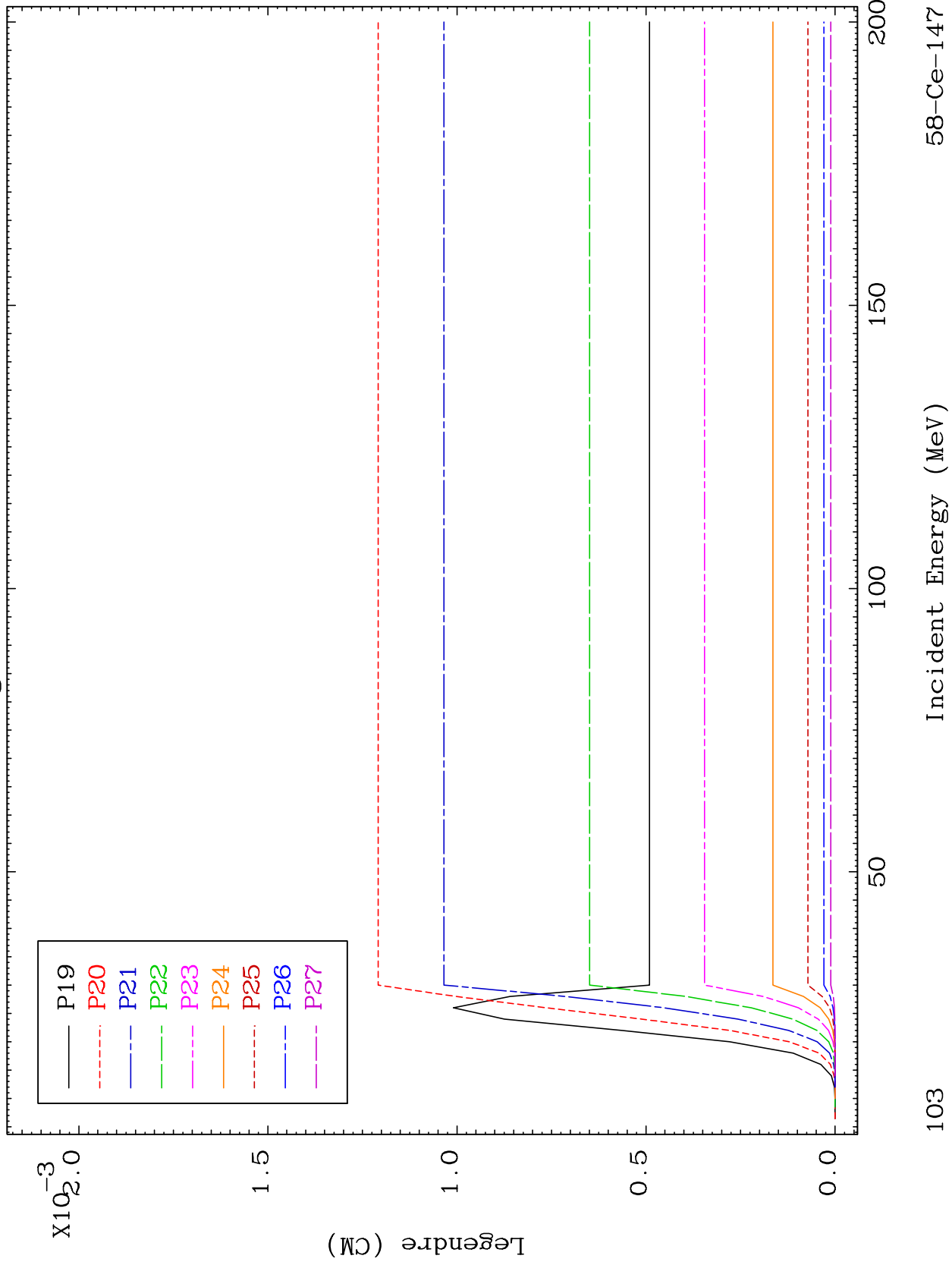
101



MAT 5858

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

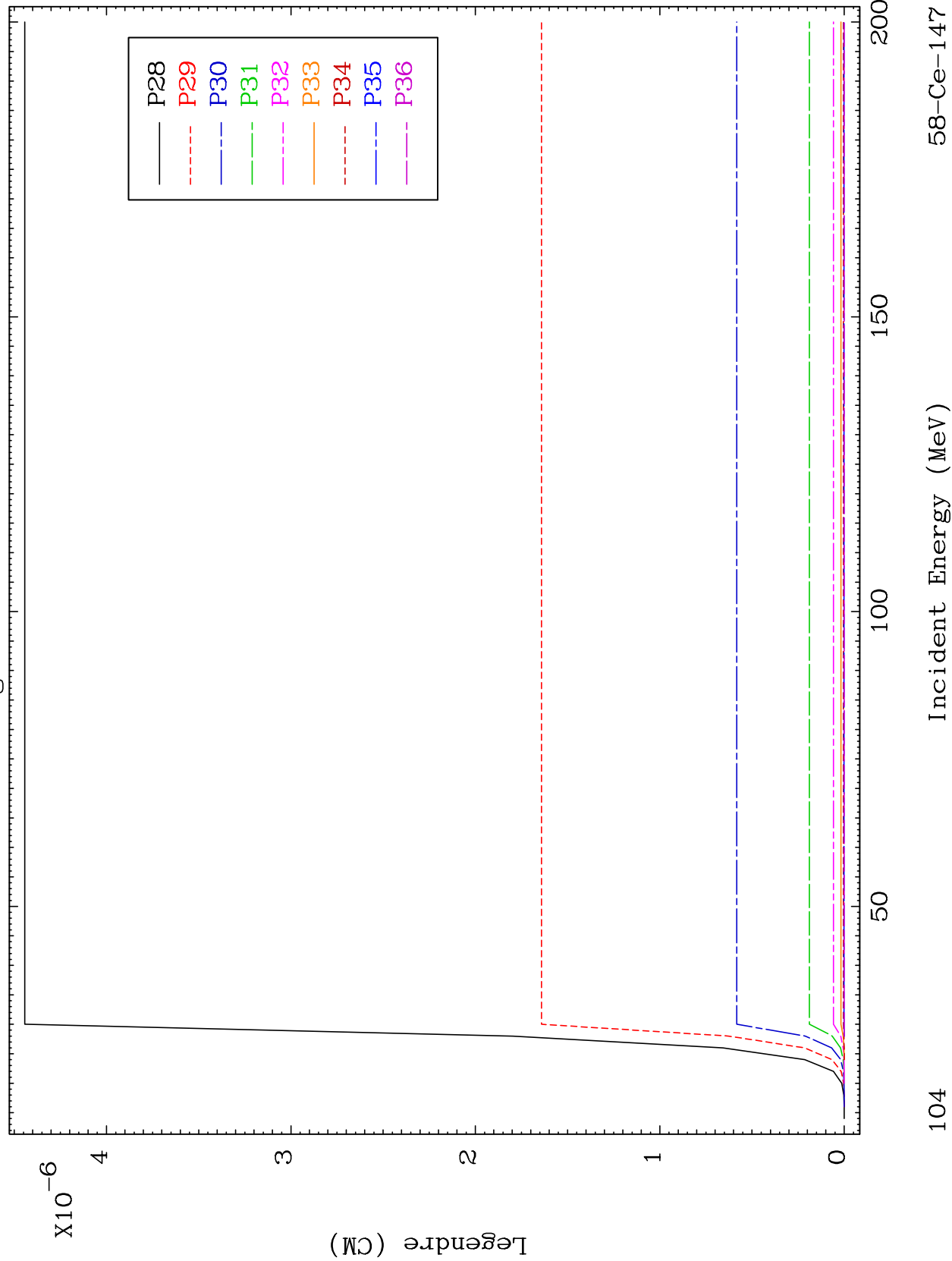
58-Ce-147



MAT 5858

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

58-Ce-147



104

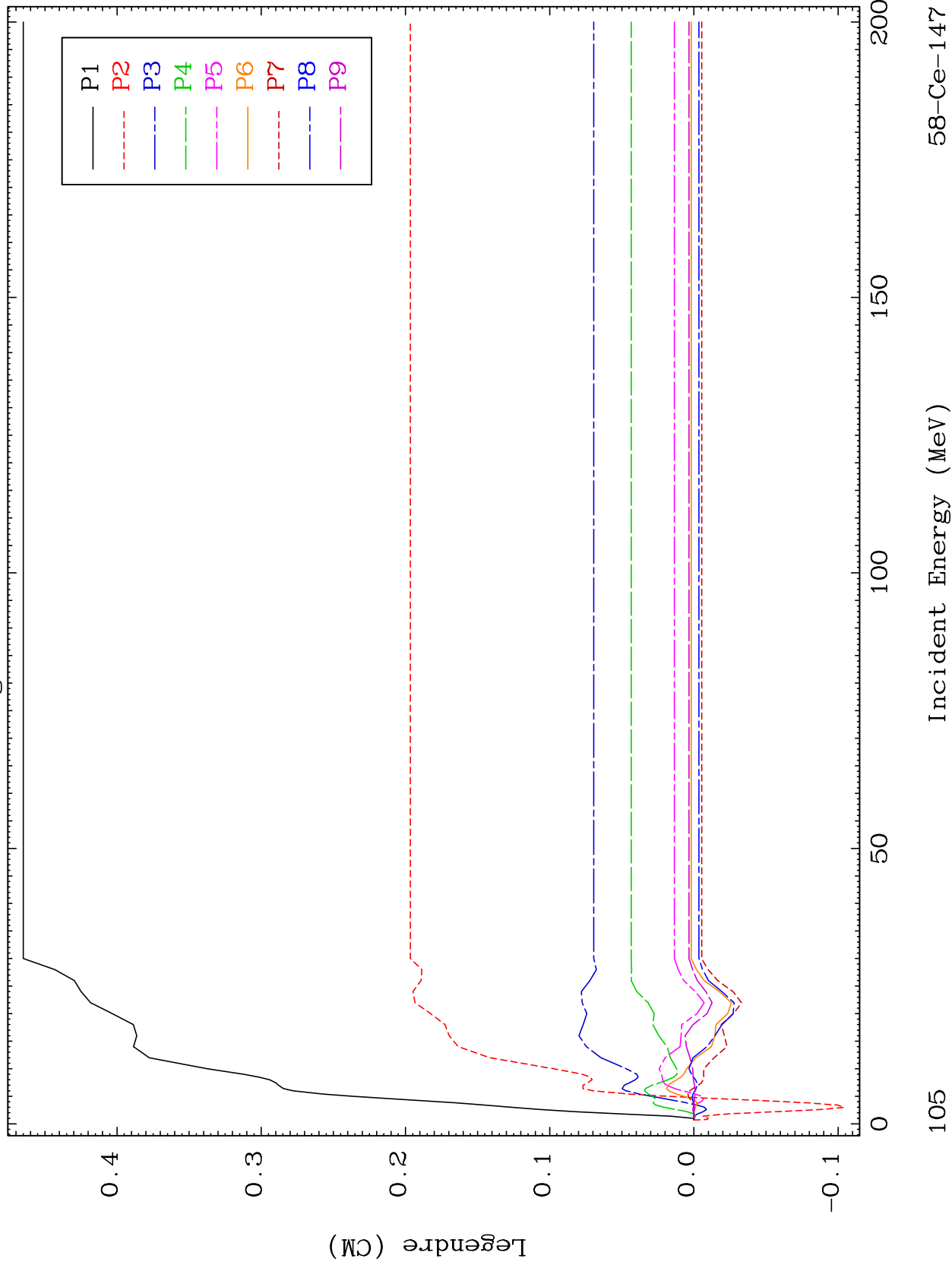
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147

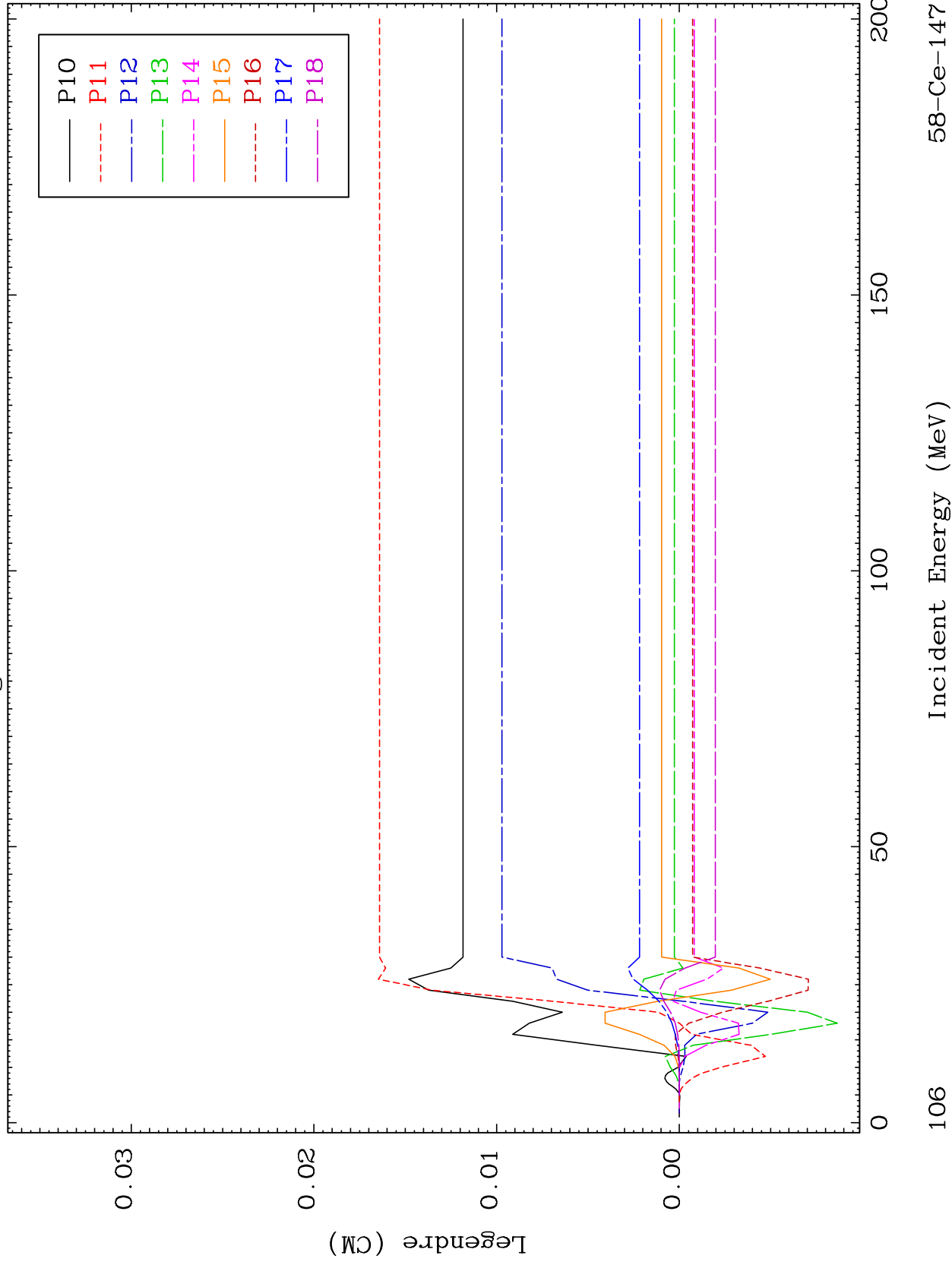


58-Ce-147

MAT 5858

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

58-Ce-147



106

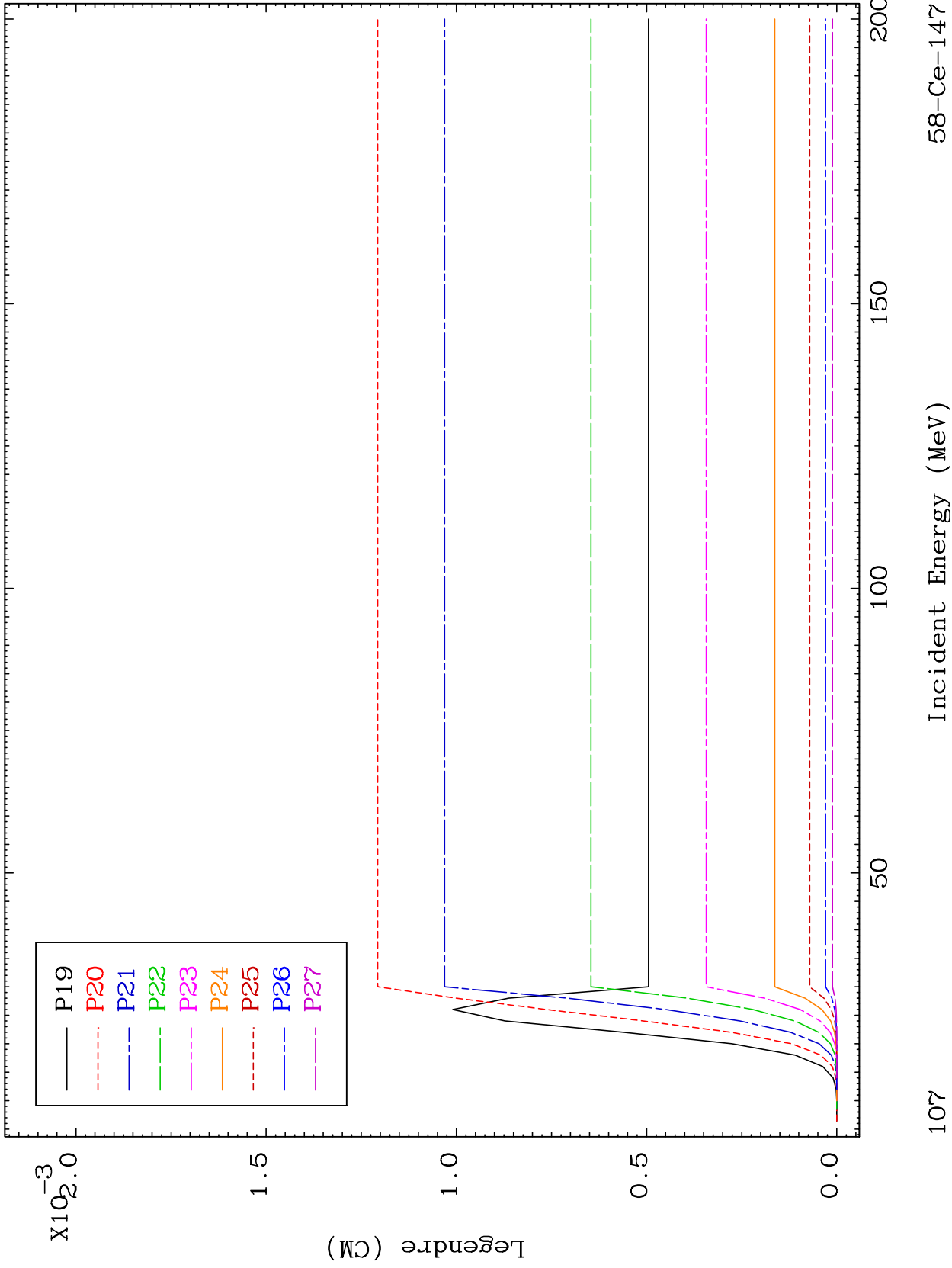
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

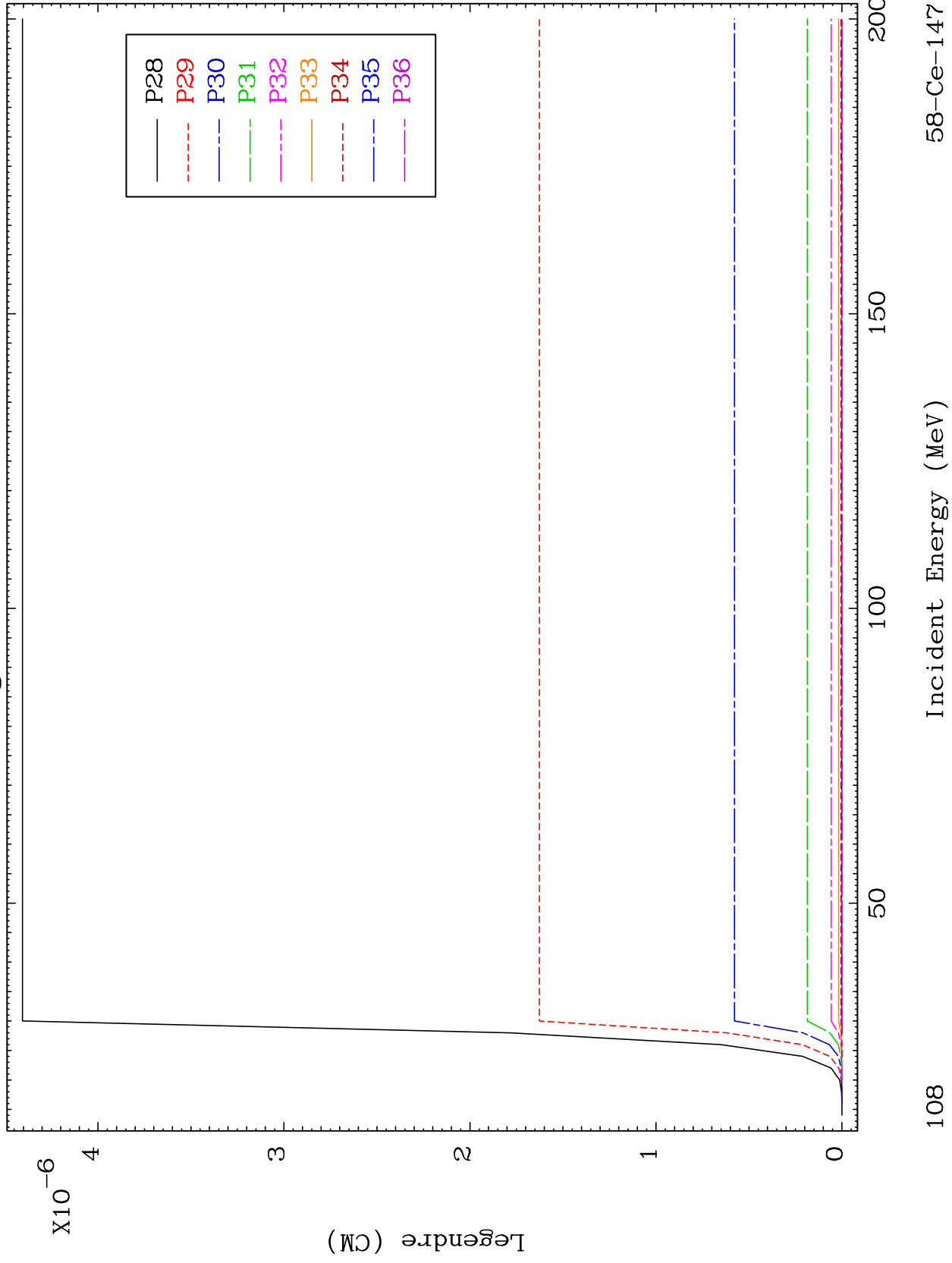
58-Ce-147



MAT 5858

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

58-Ce-147

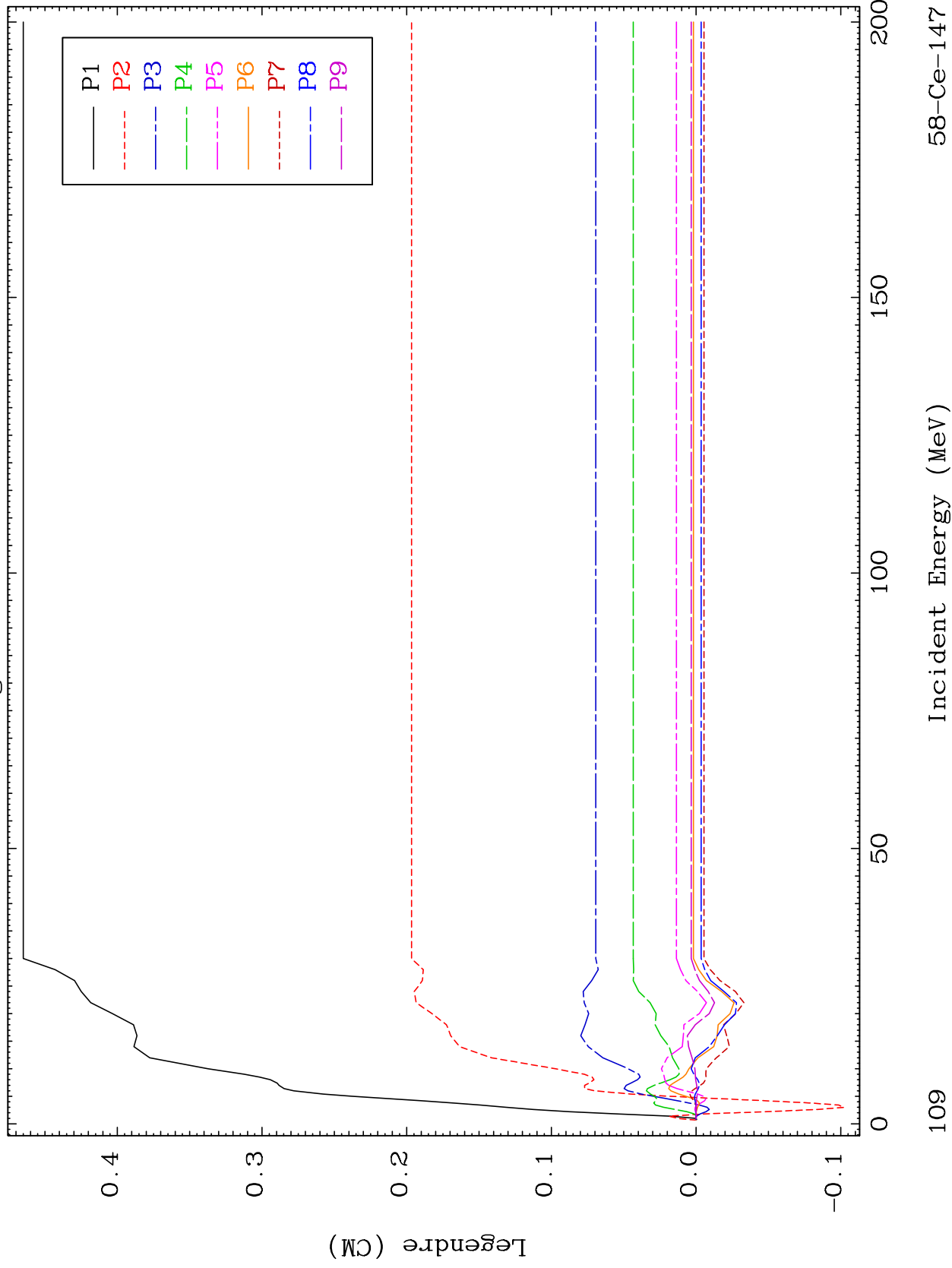


108

MAT 5858

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

58-Ce-147



58-Ce-147

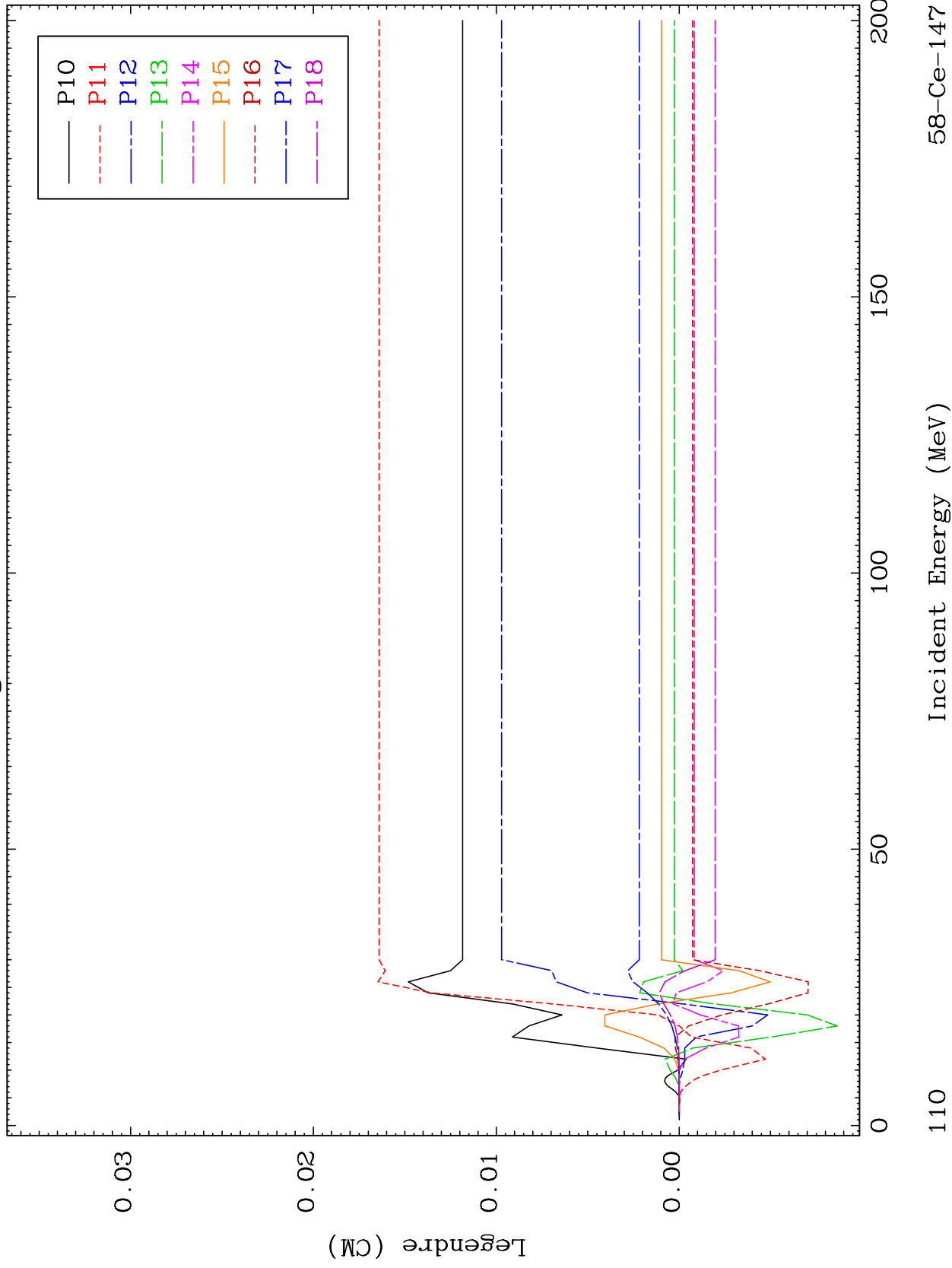
Incident Energy (MeV)

109

MAT 5858

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

58-Ce-147



58-Ce-147

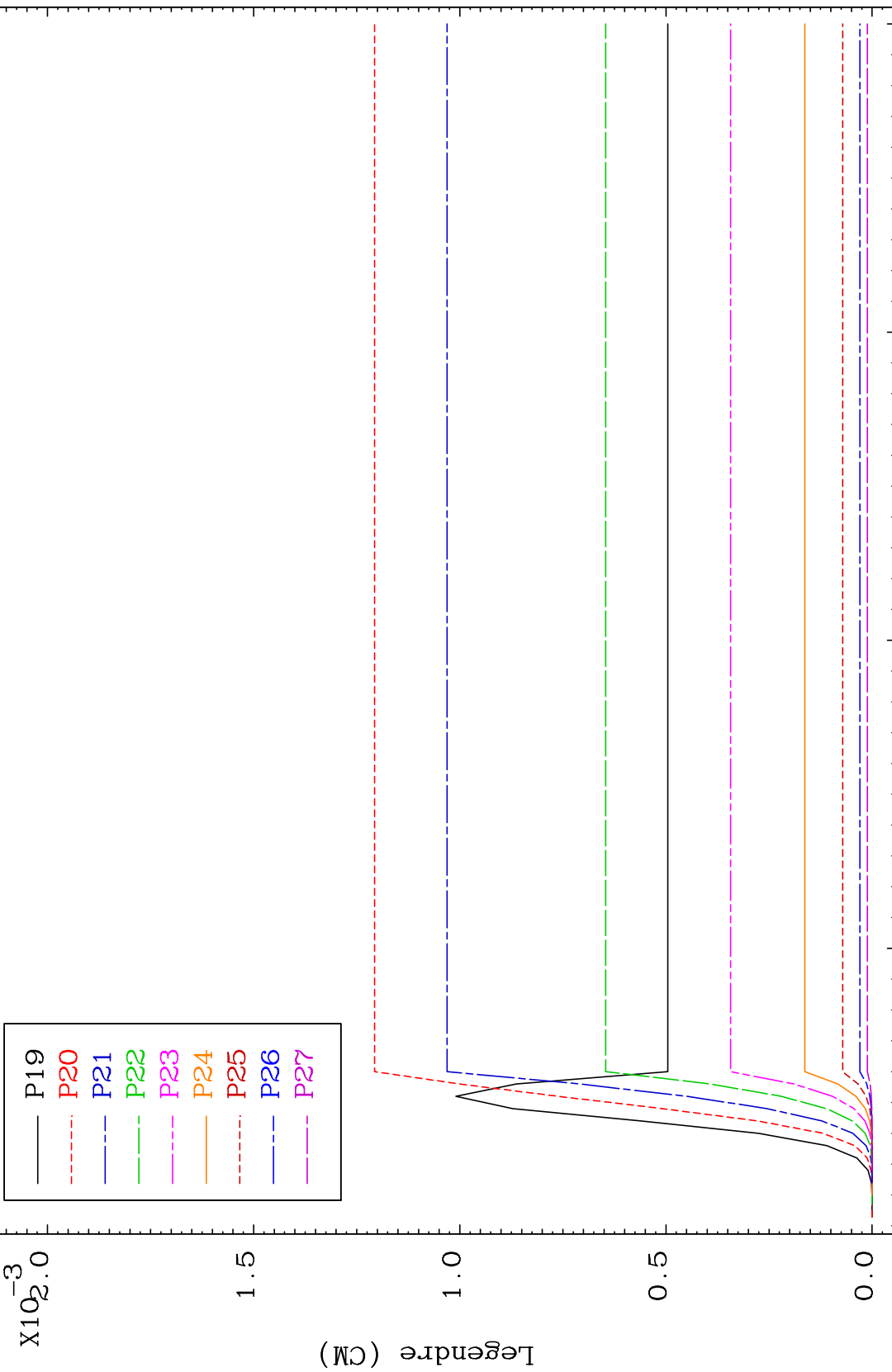
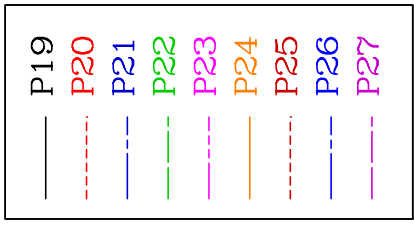
Incident Energy (MeV)

110

MAT 5858

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

58-Ce-147



111

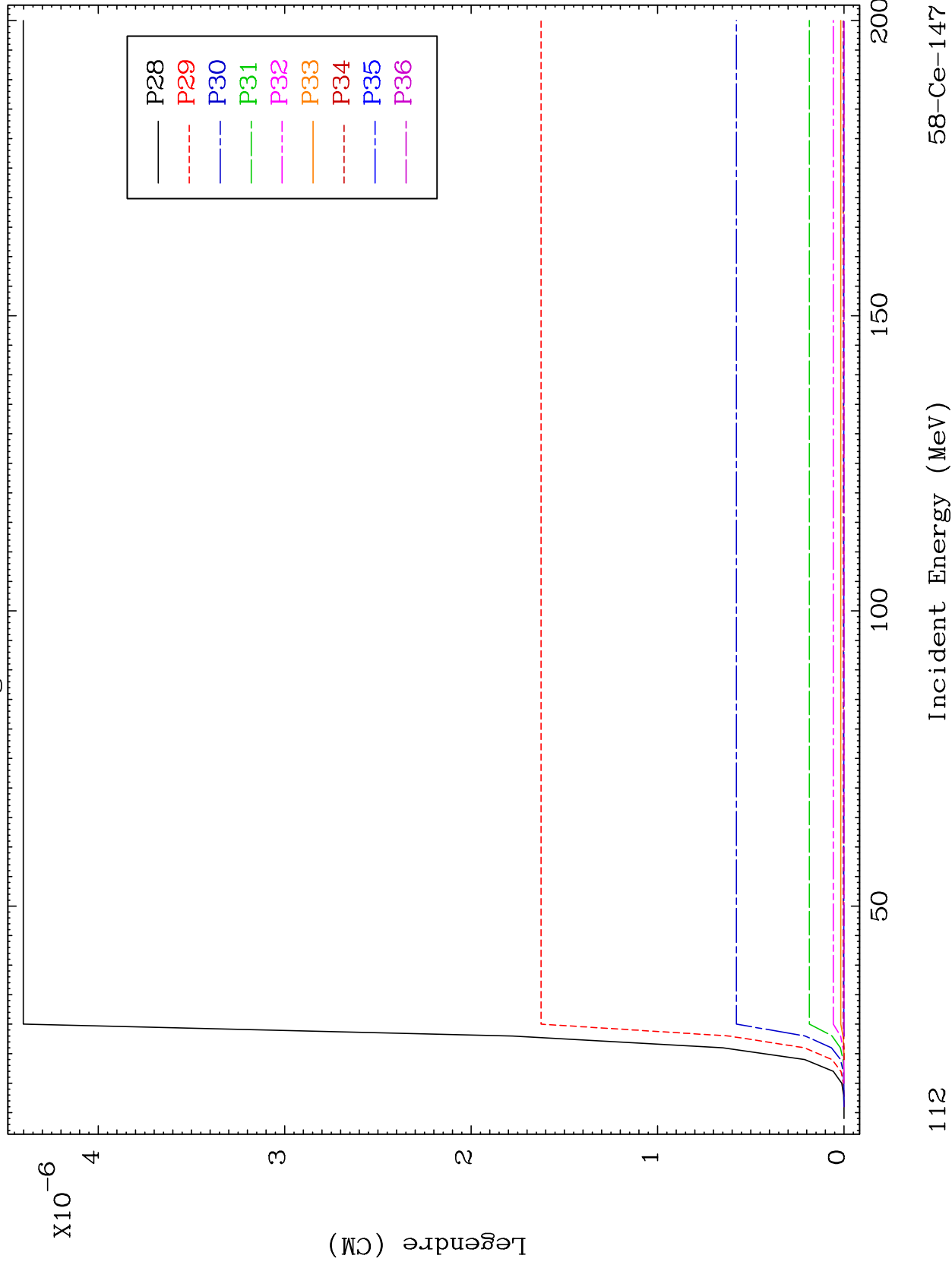
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



112

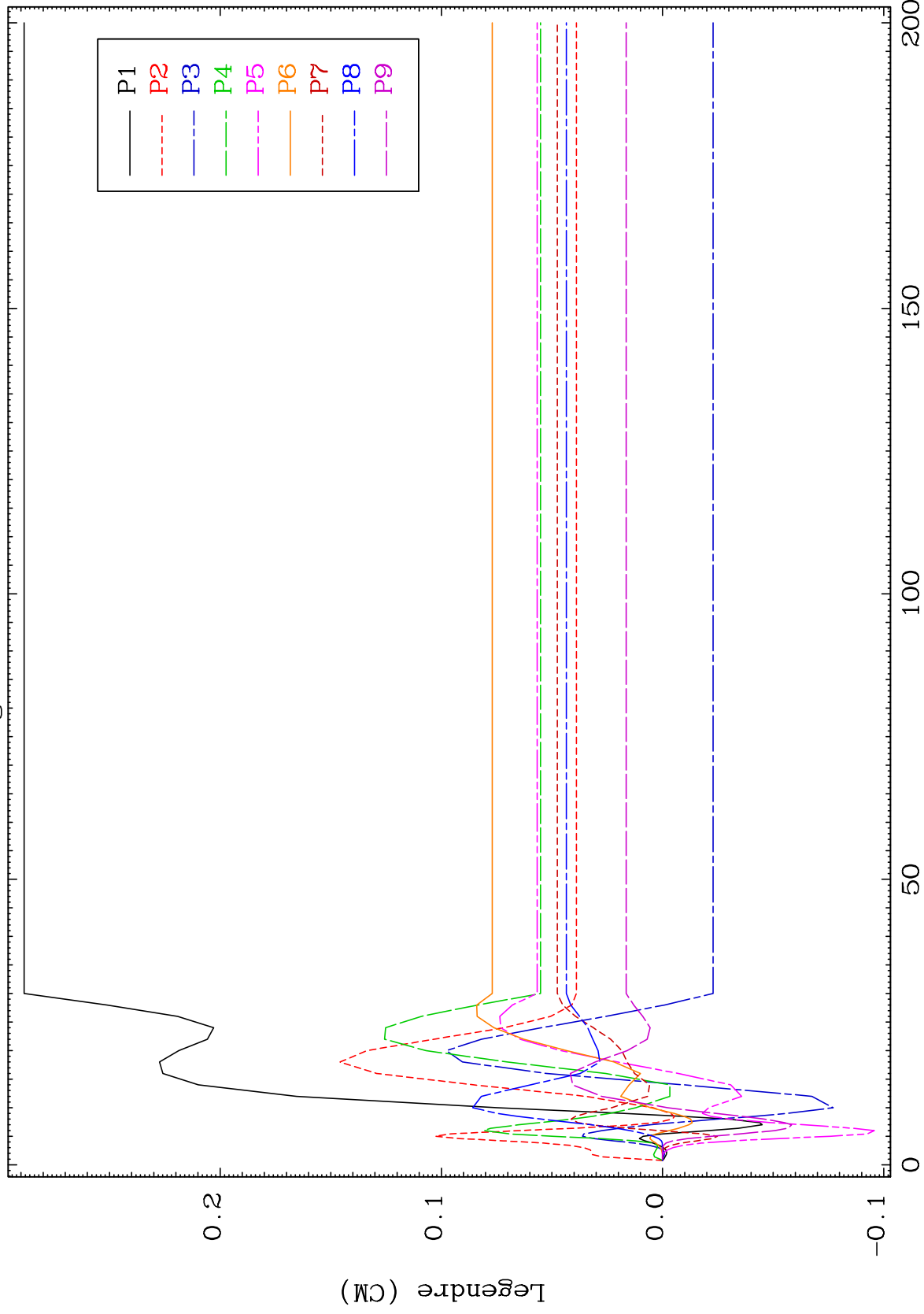
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



113

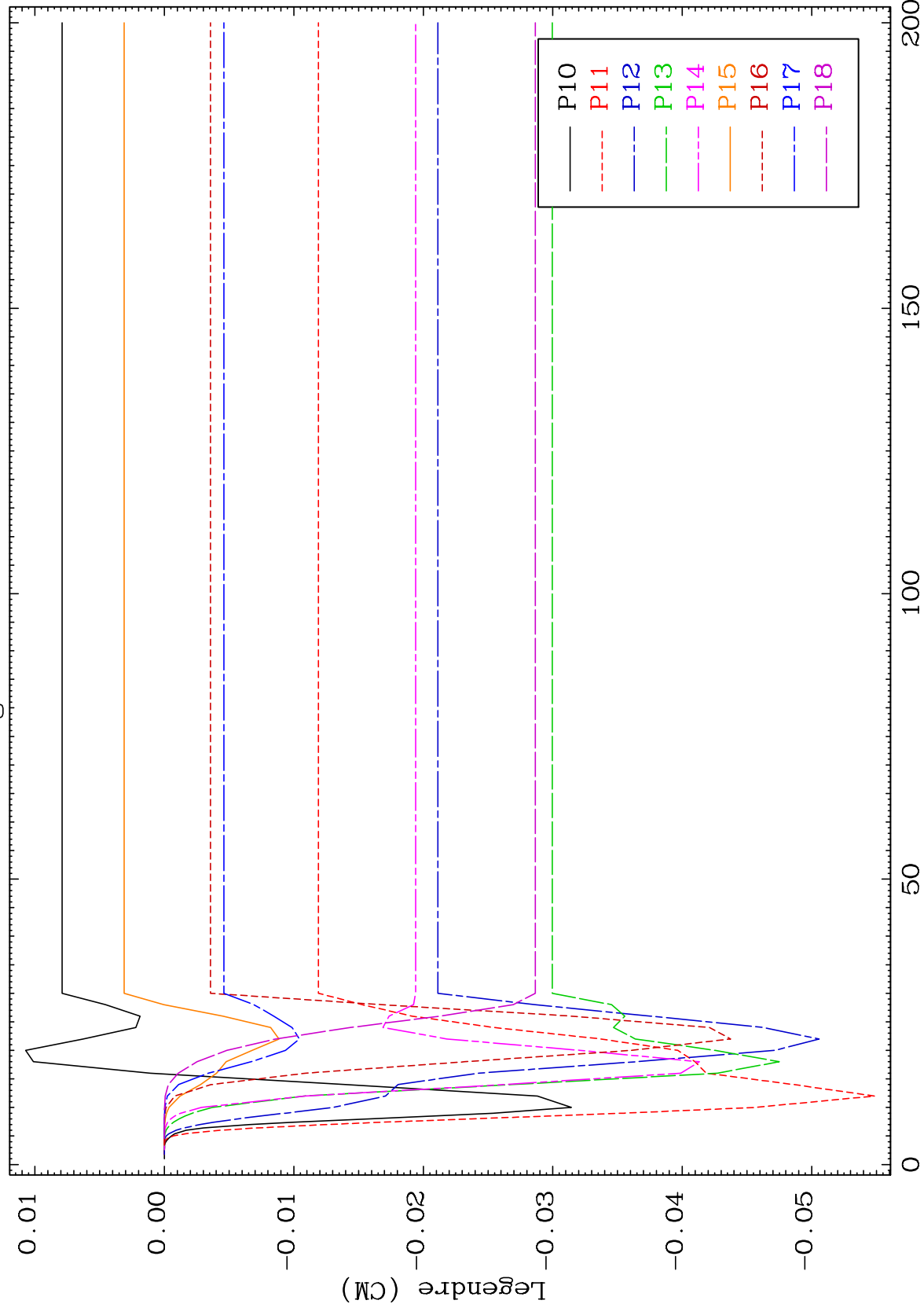
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



114

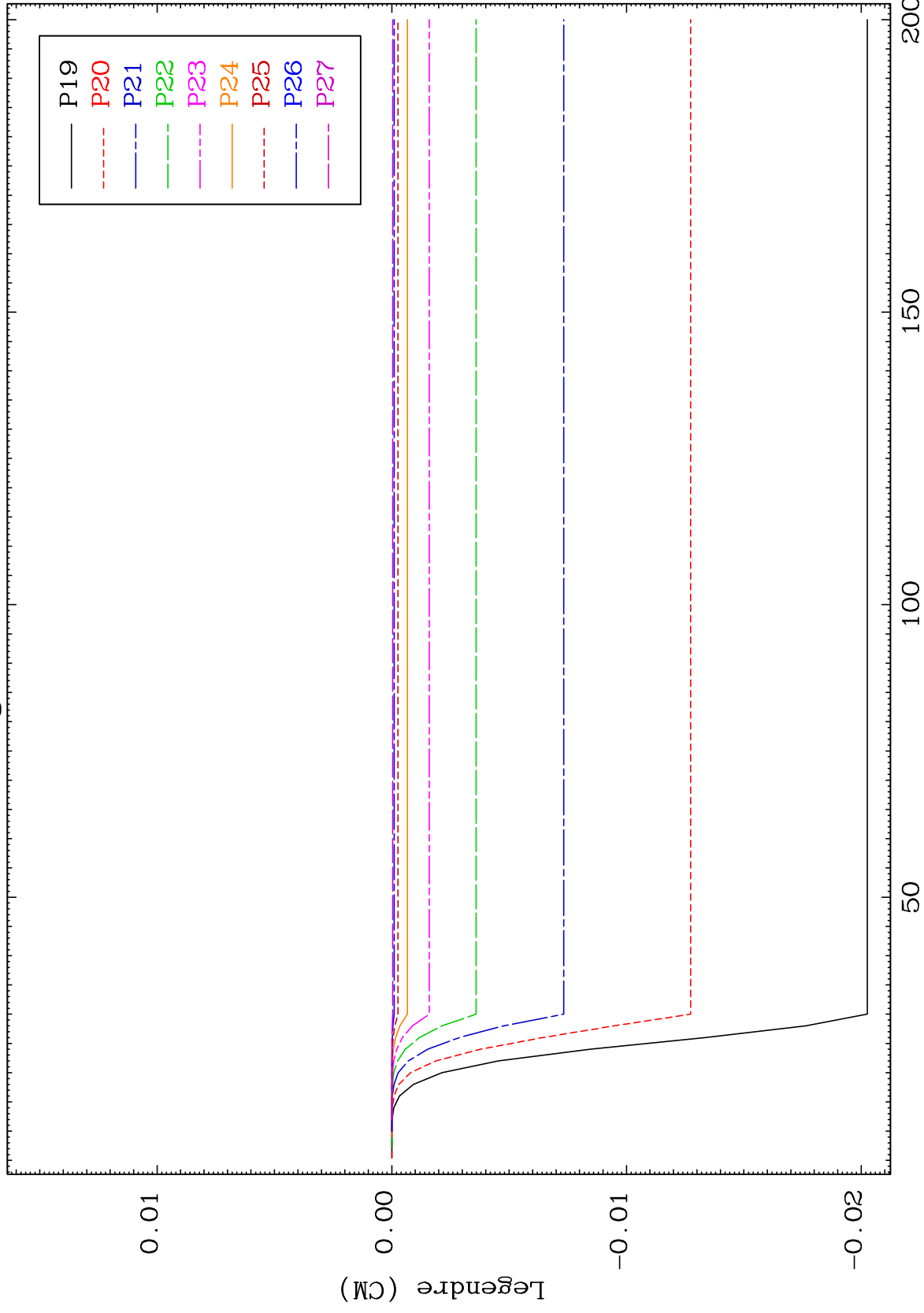
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

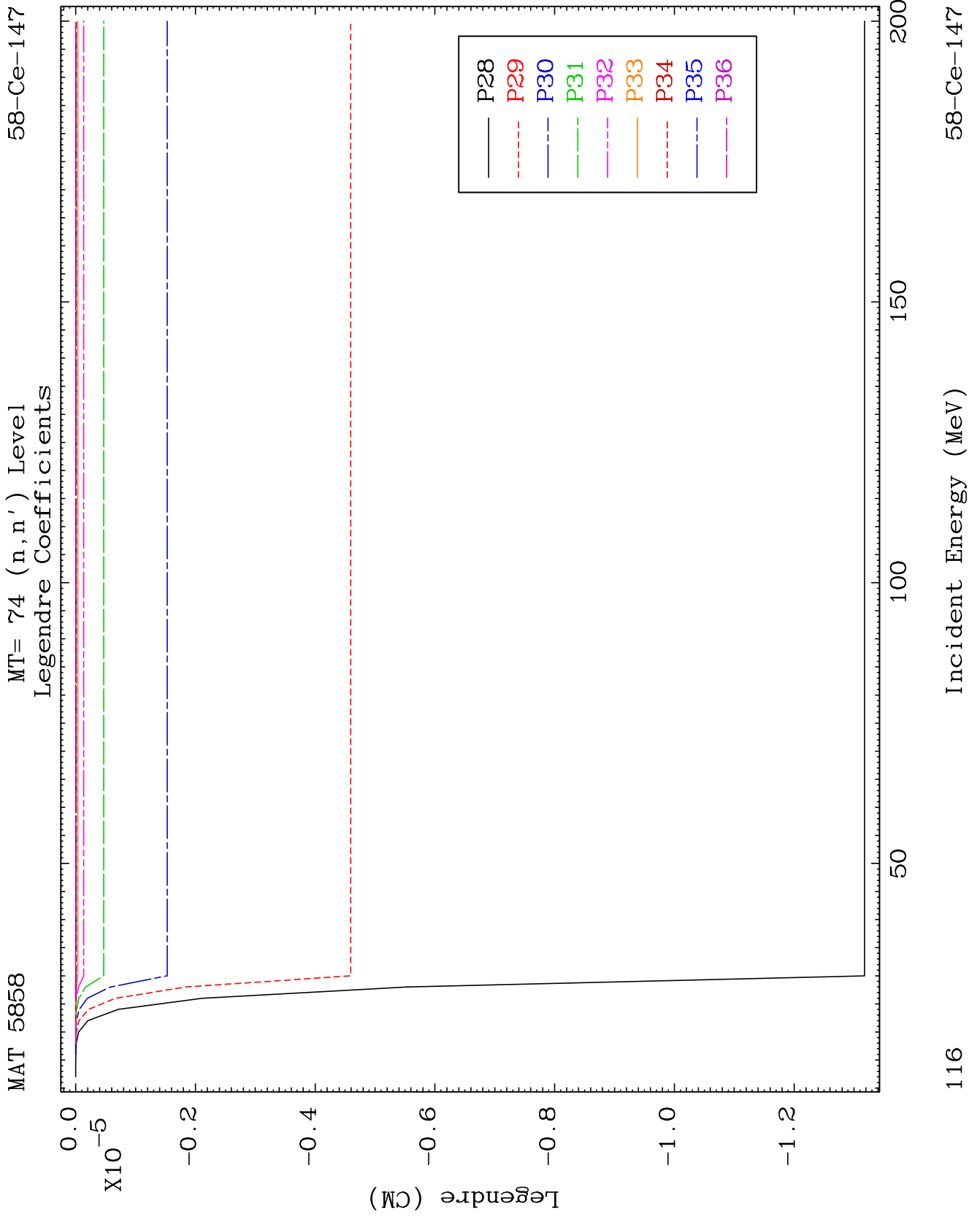
58-Ce-147



115

Incident Energy (MeV)

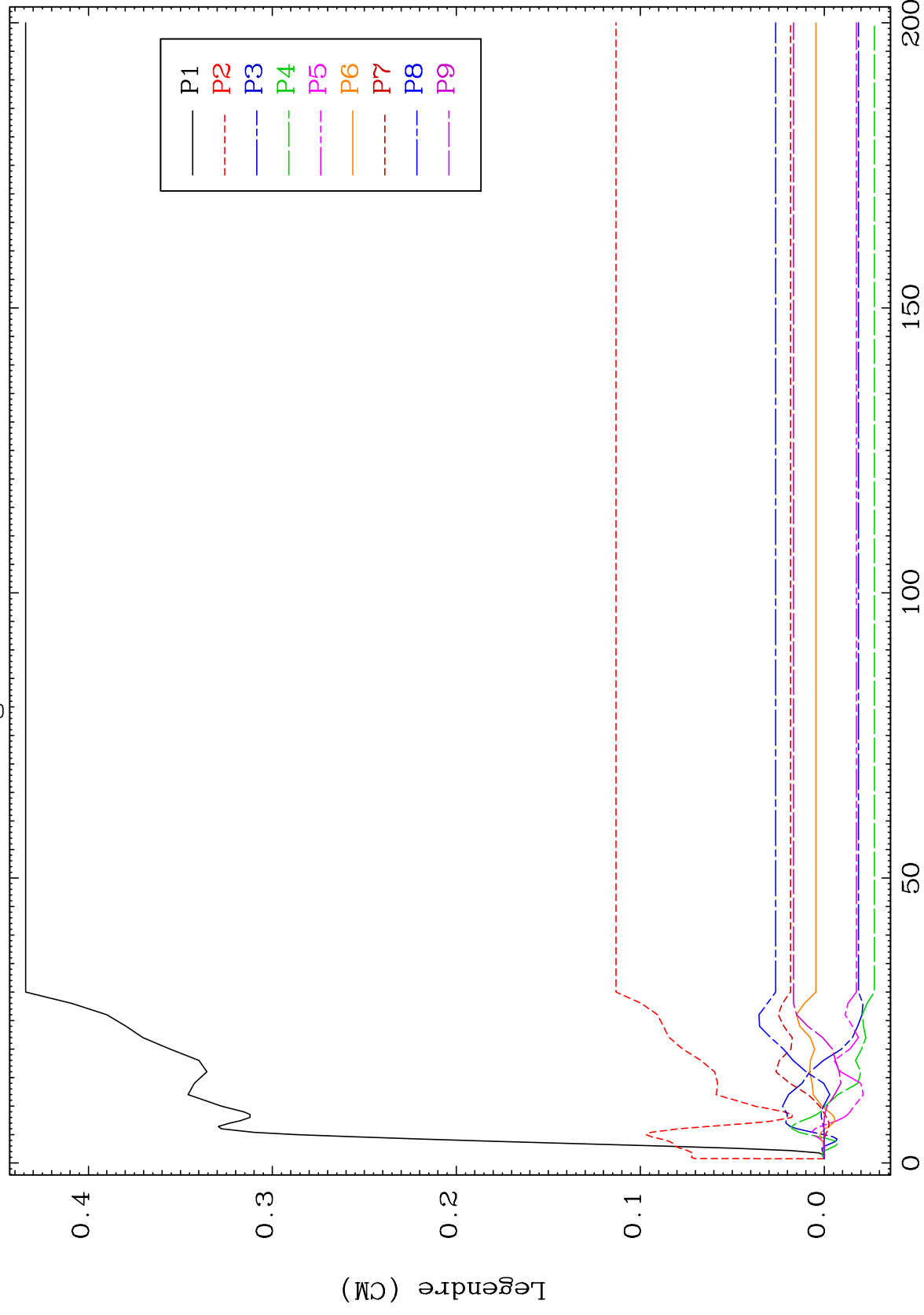
58-Ce-147



MAT 5858

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

58-Ce-147



117

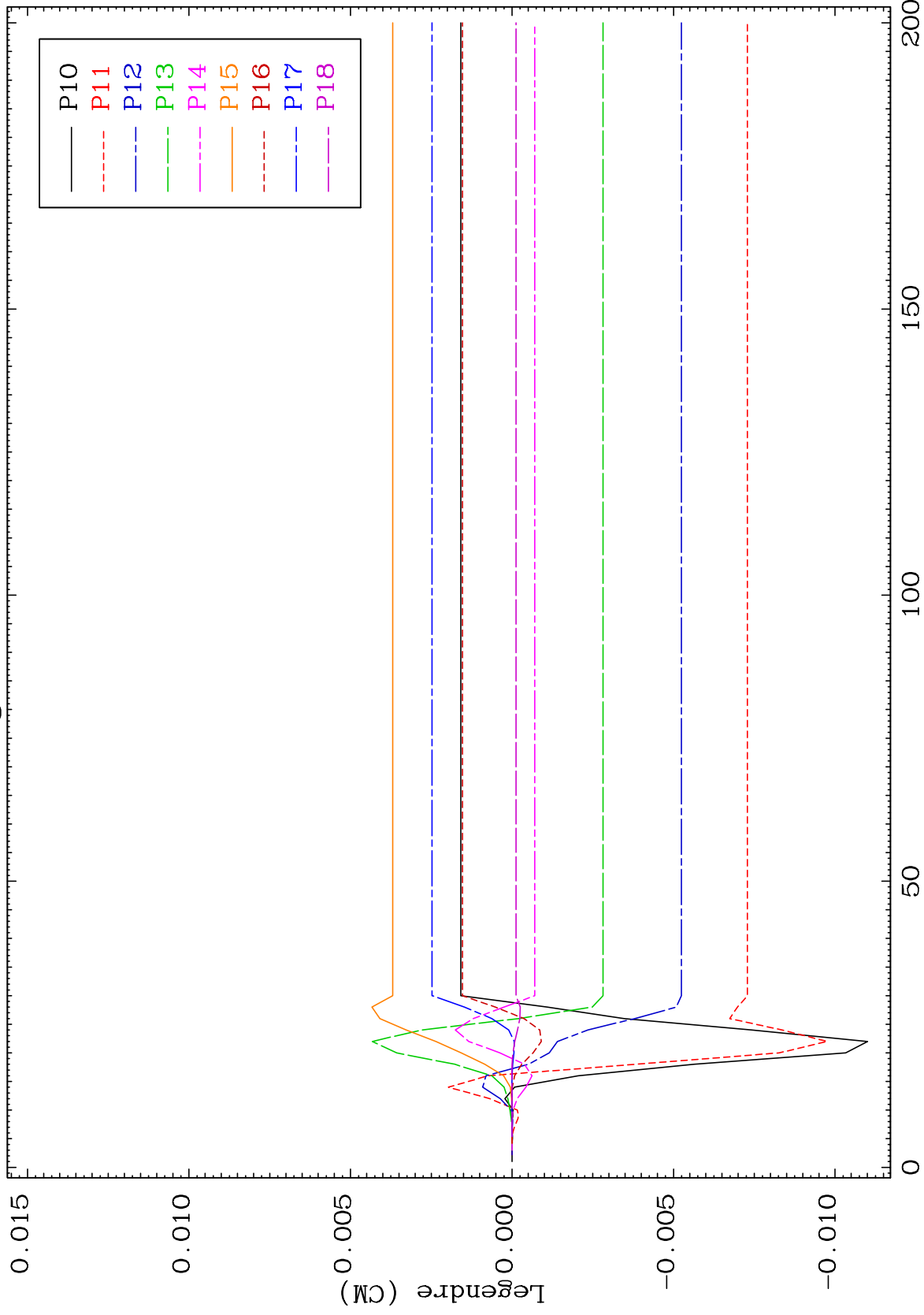
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



118

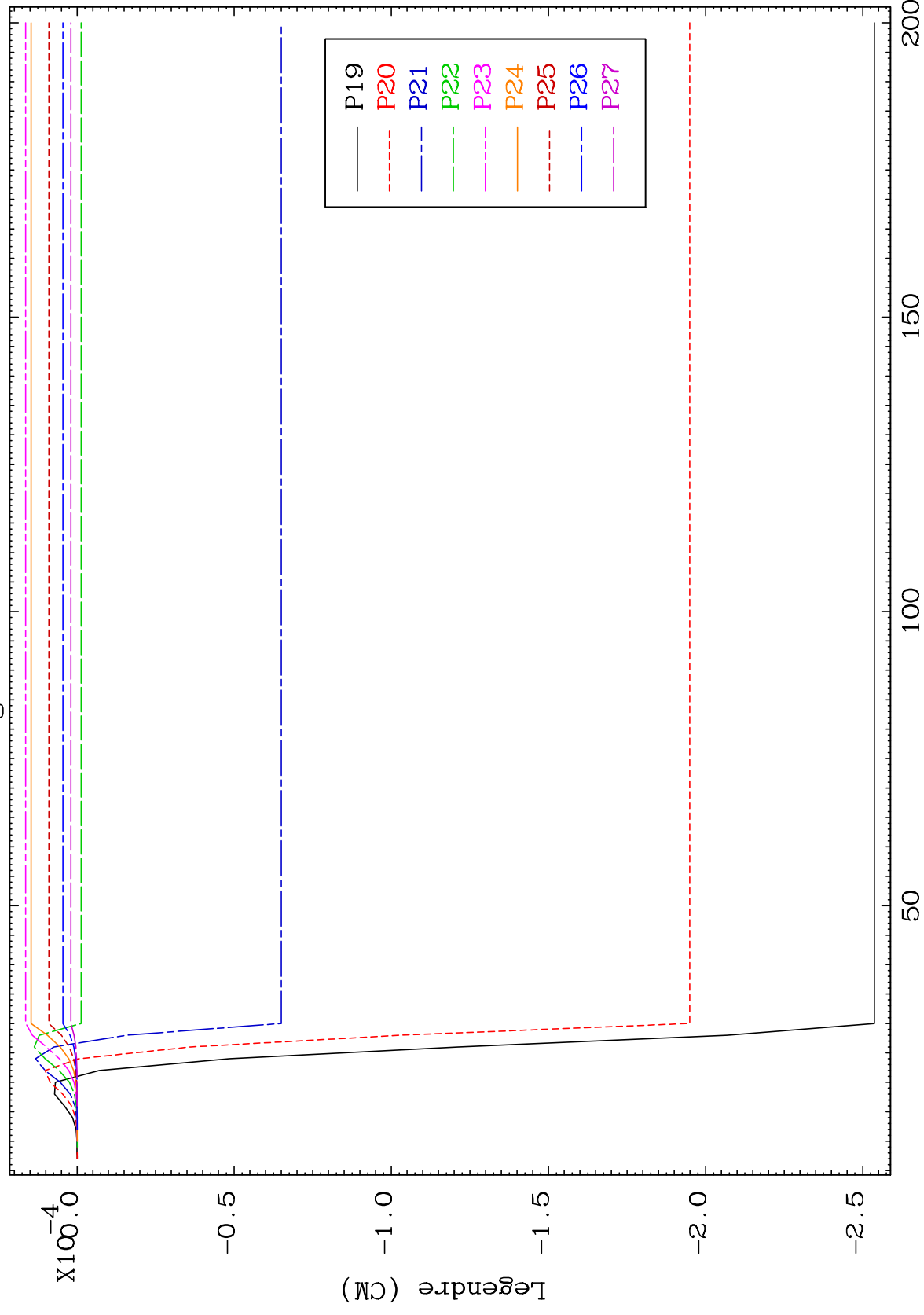
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



119

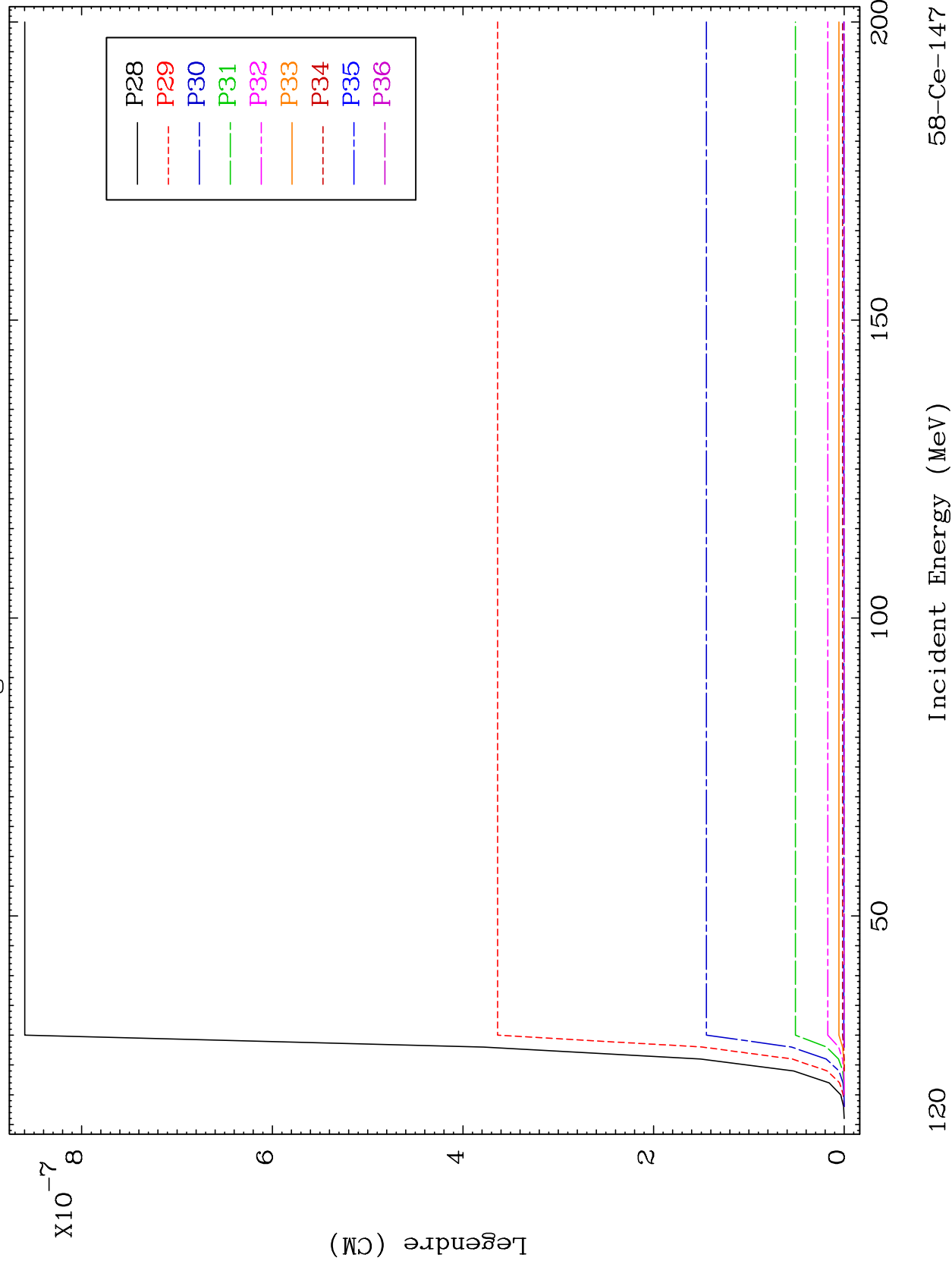
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

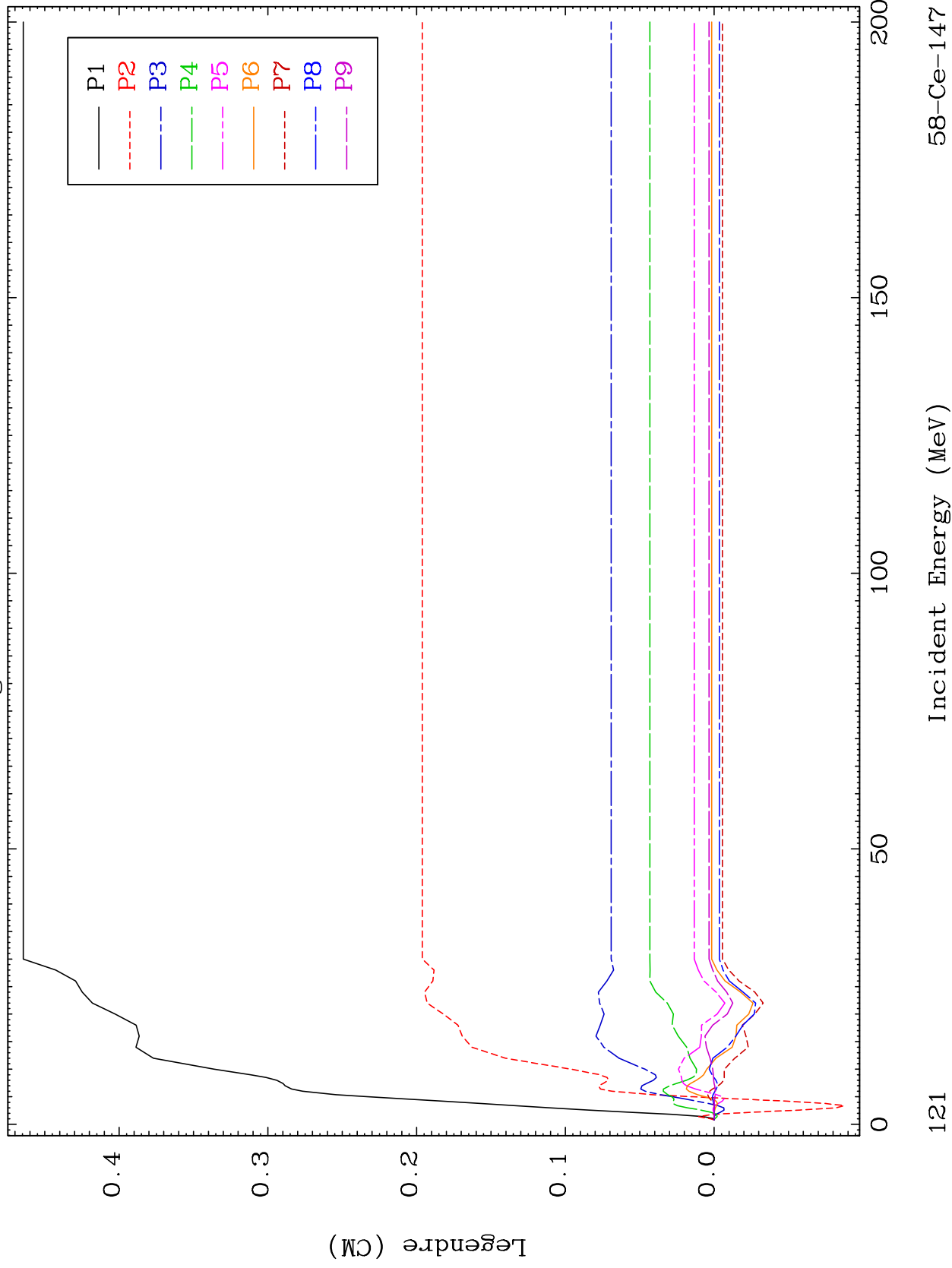
58-Ce-147



MAT 5858

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

58-Ce-147



58-Ce-147

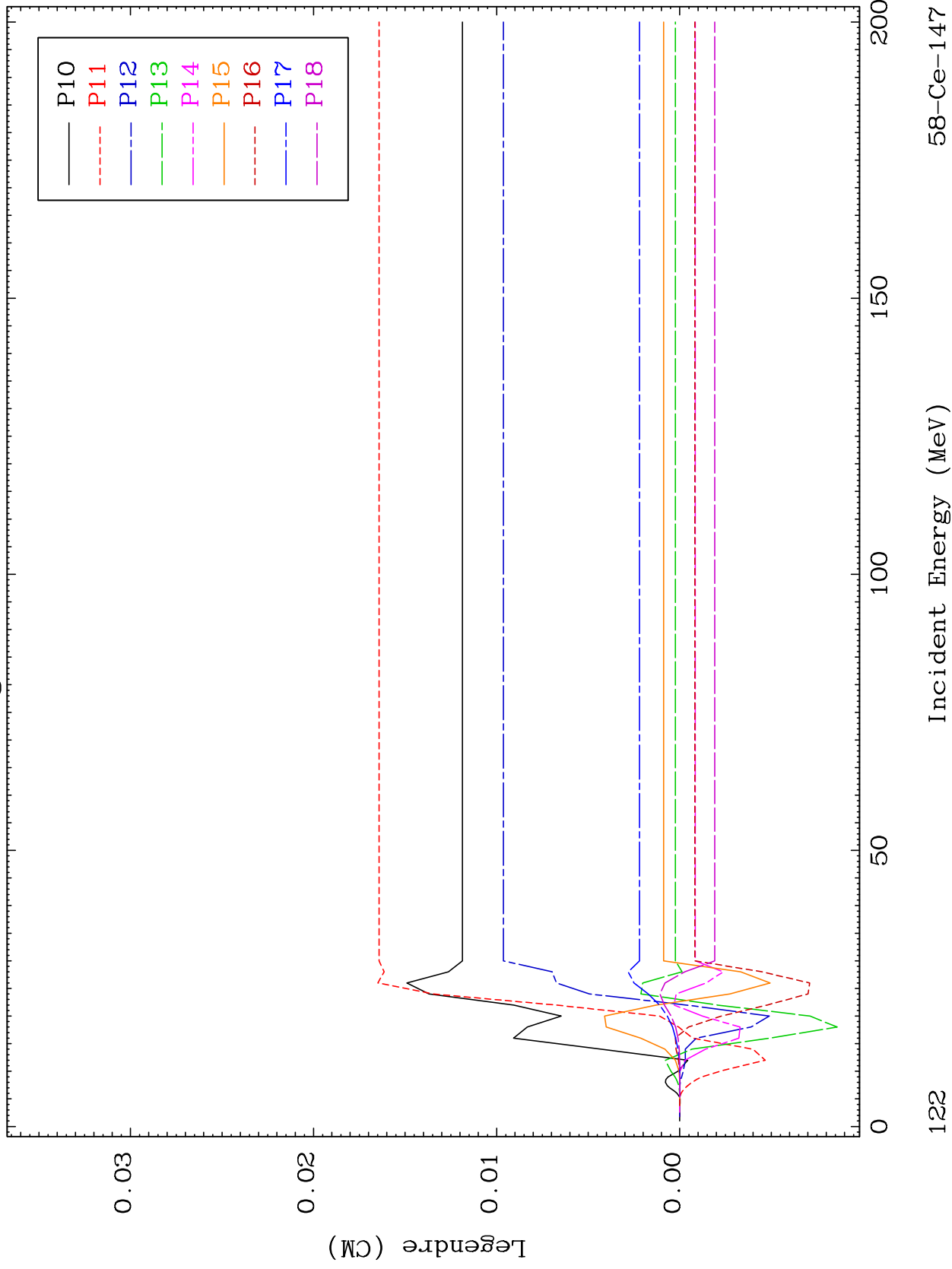
Incident Energy (MeV)

121

MAT 5858

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

58-Ce-147



58-Ce-147

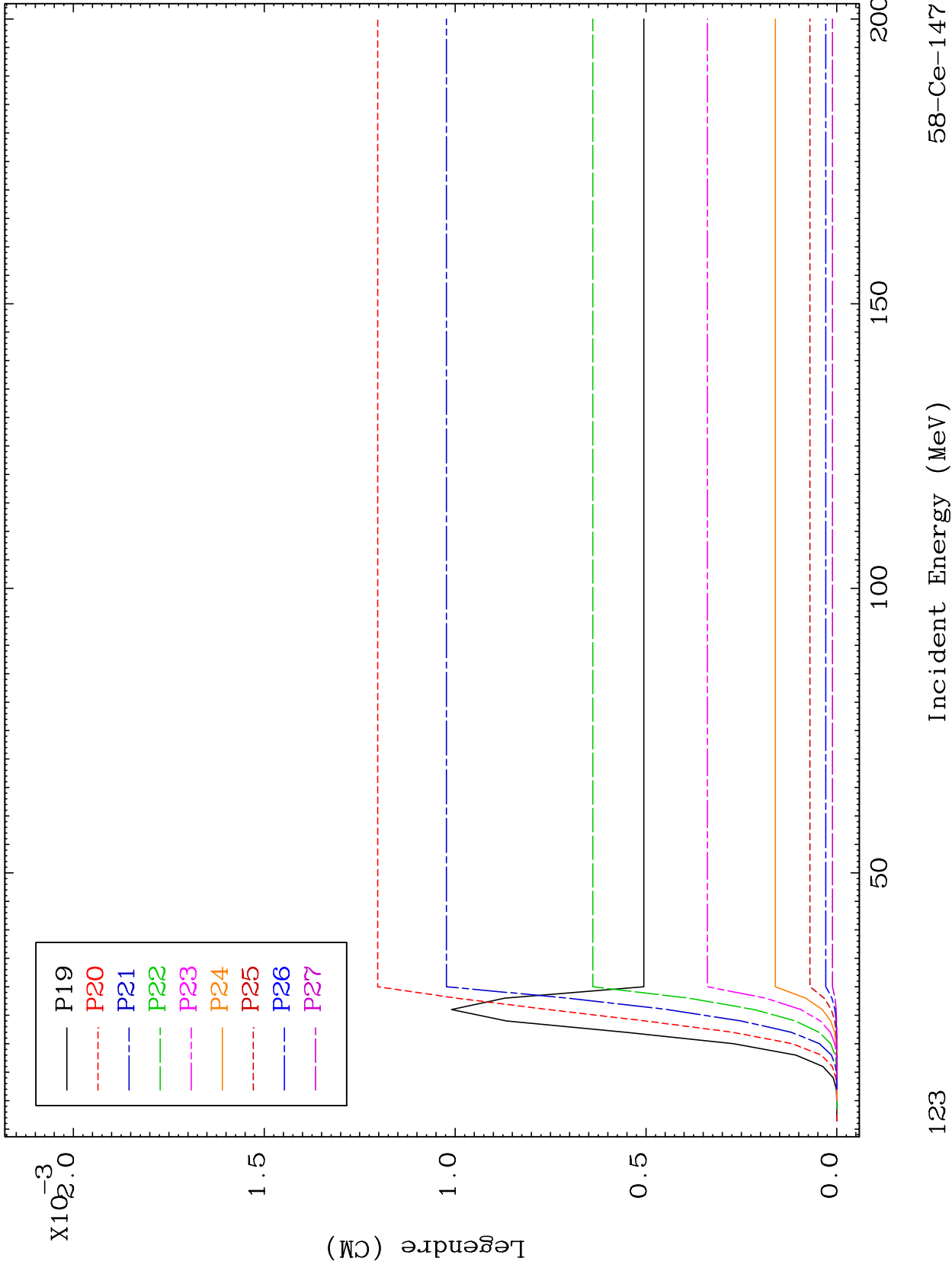
Incident Energy (MeV)

122

MAT 5858

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

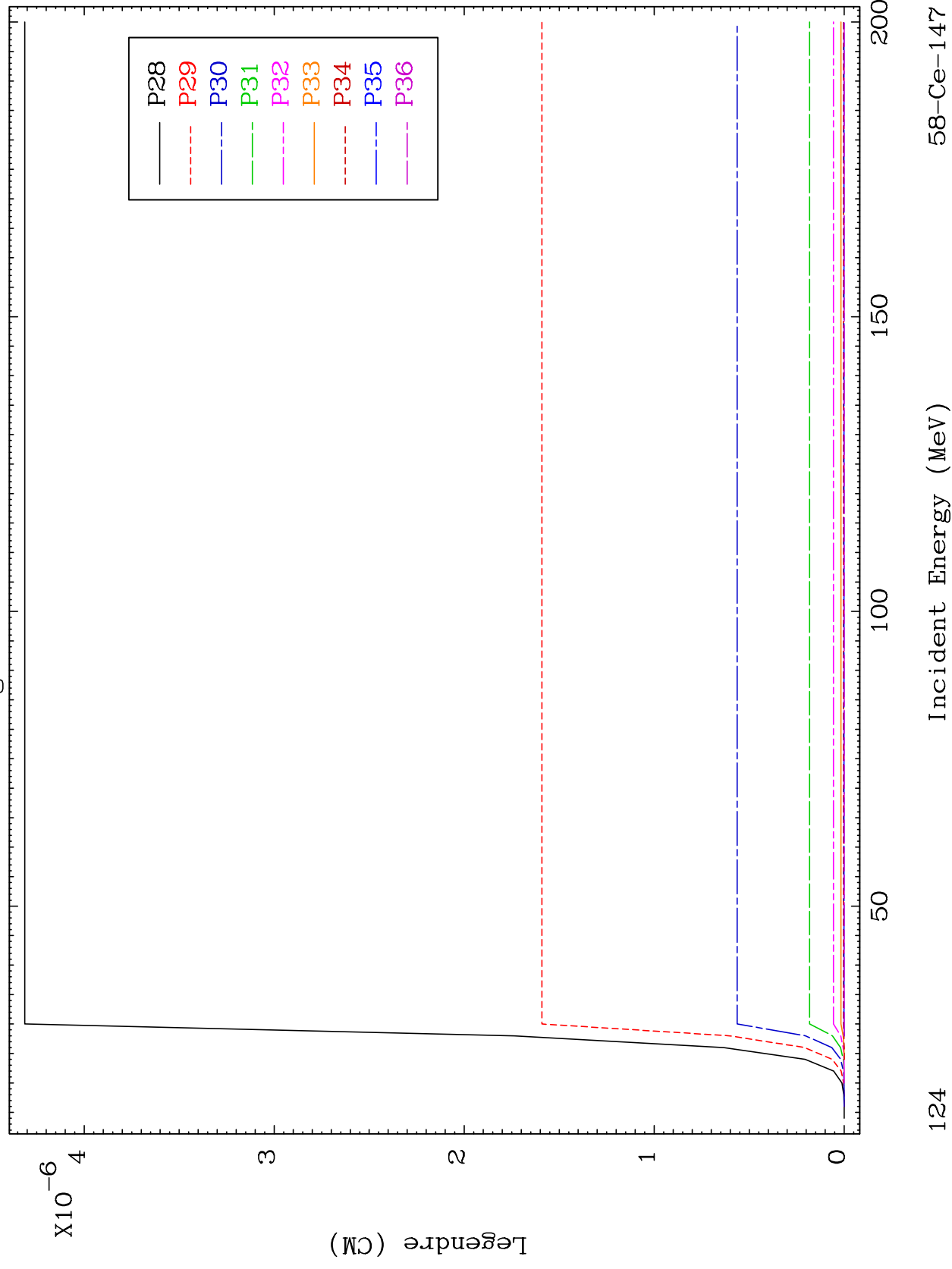
58-Ce-147



MAT 5858

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

58-Ce-147



124

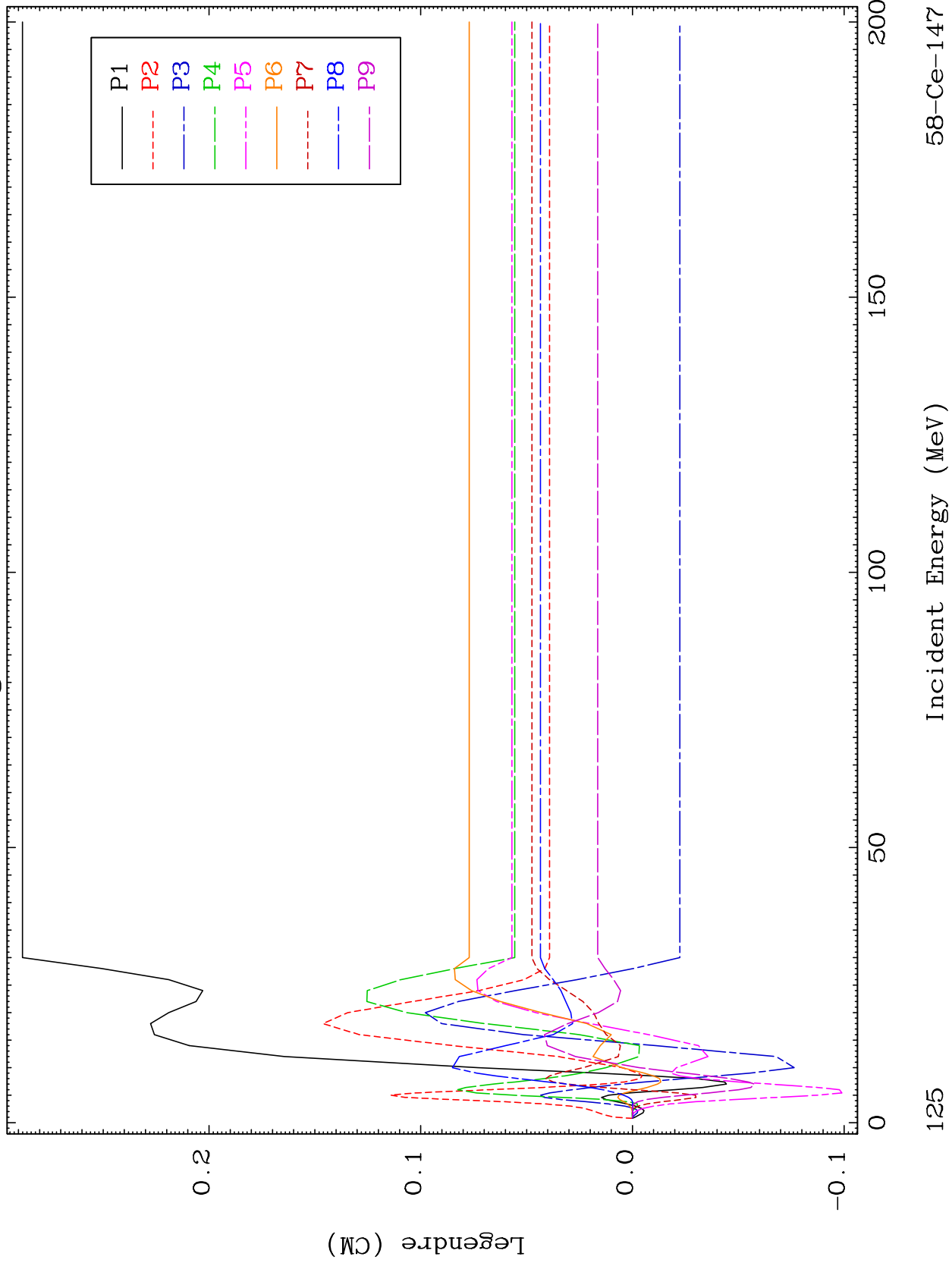
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

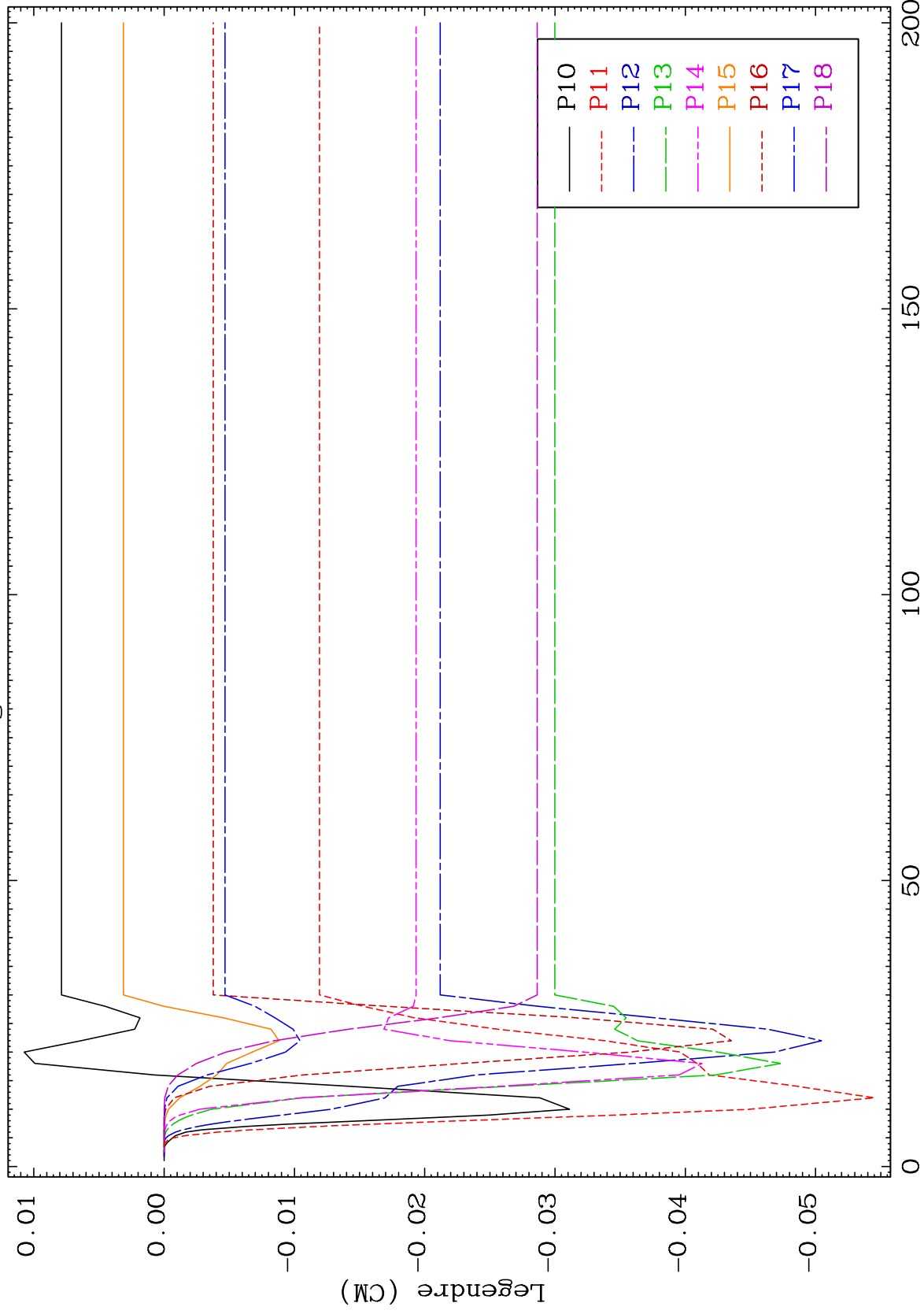
Incident Energy (MeV)

125

MAT 5858

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

58-Ce-147



126

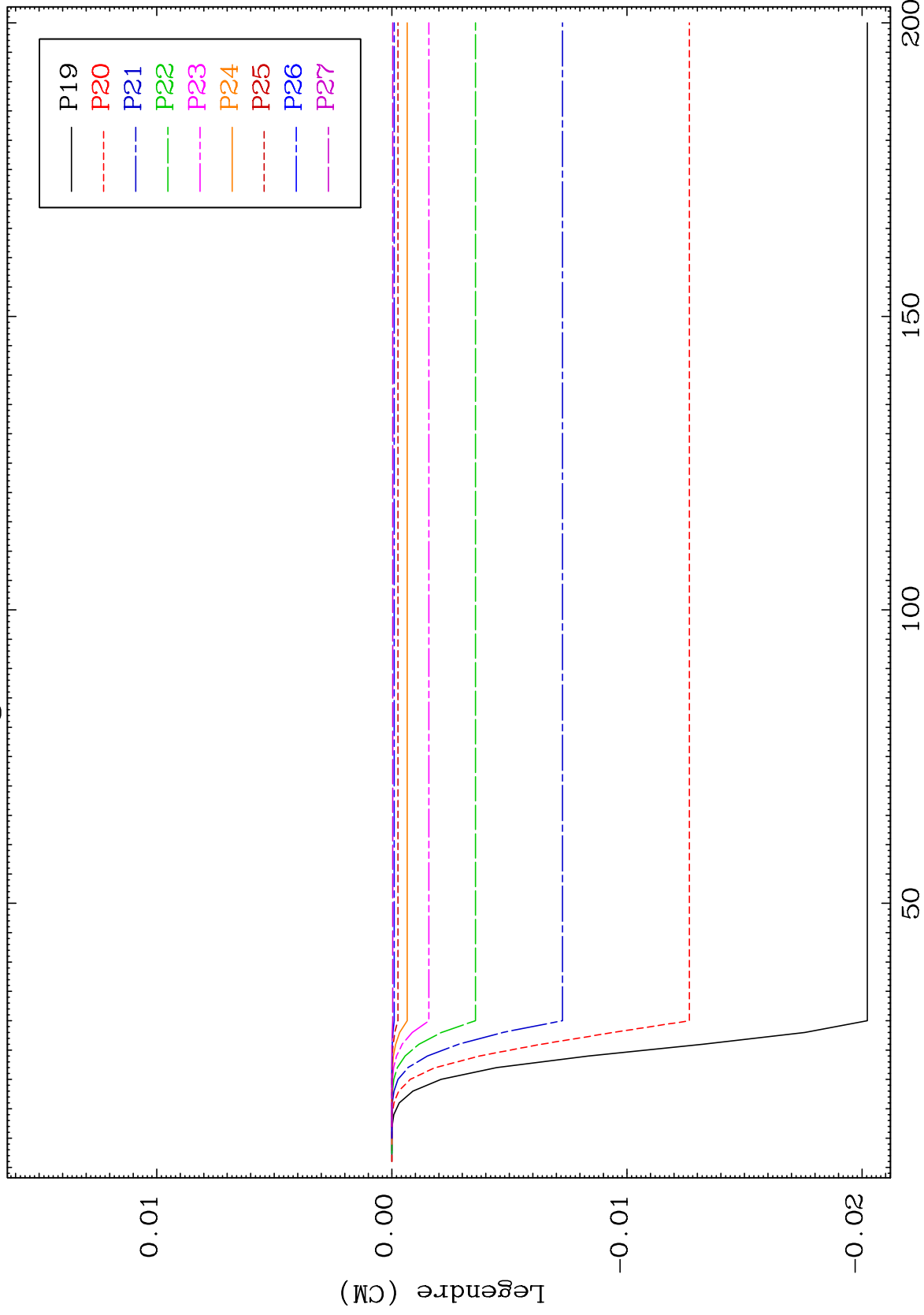
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

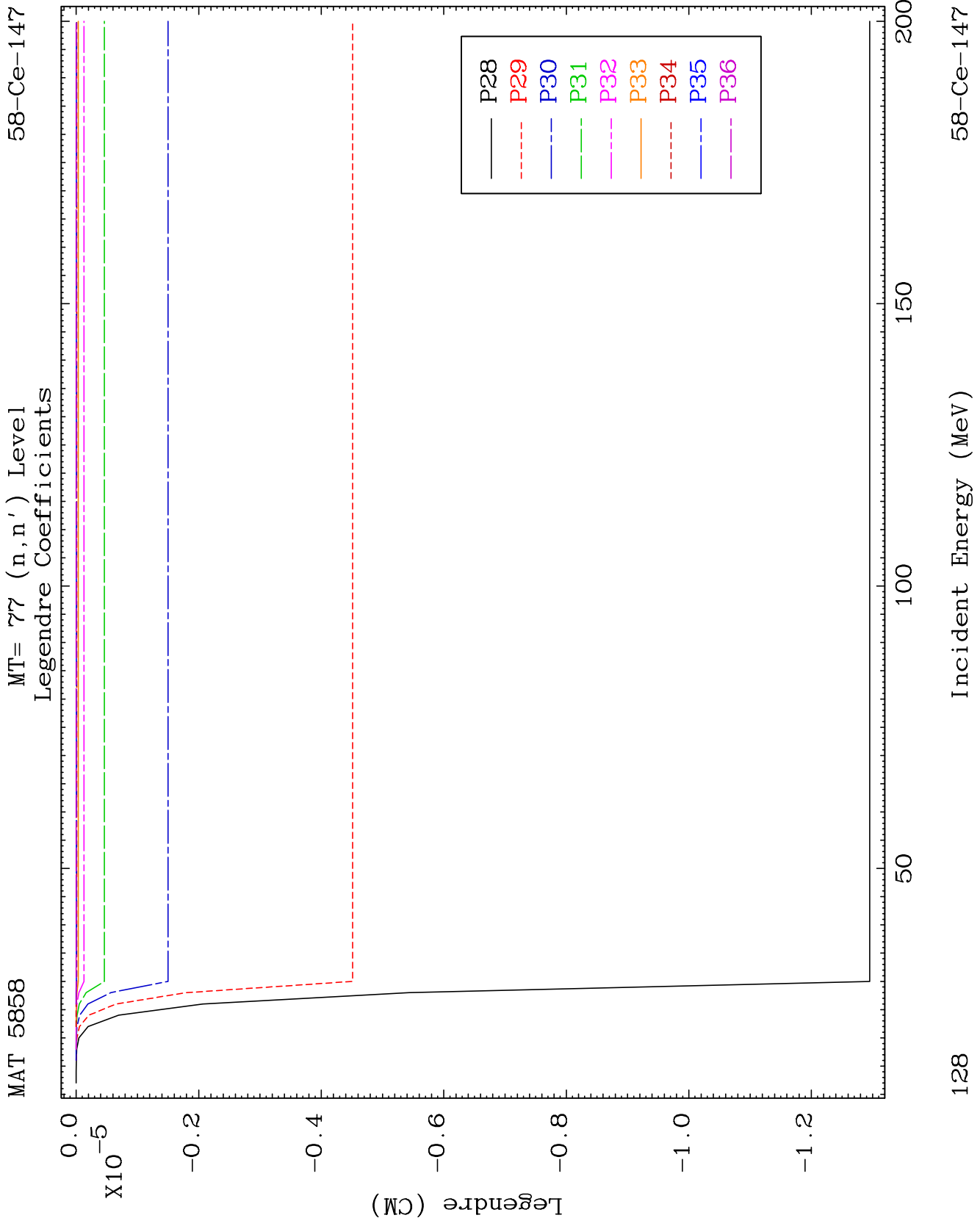
58-Ce-147



127

Incident Energy (MeV)

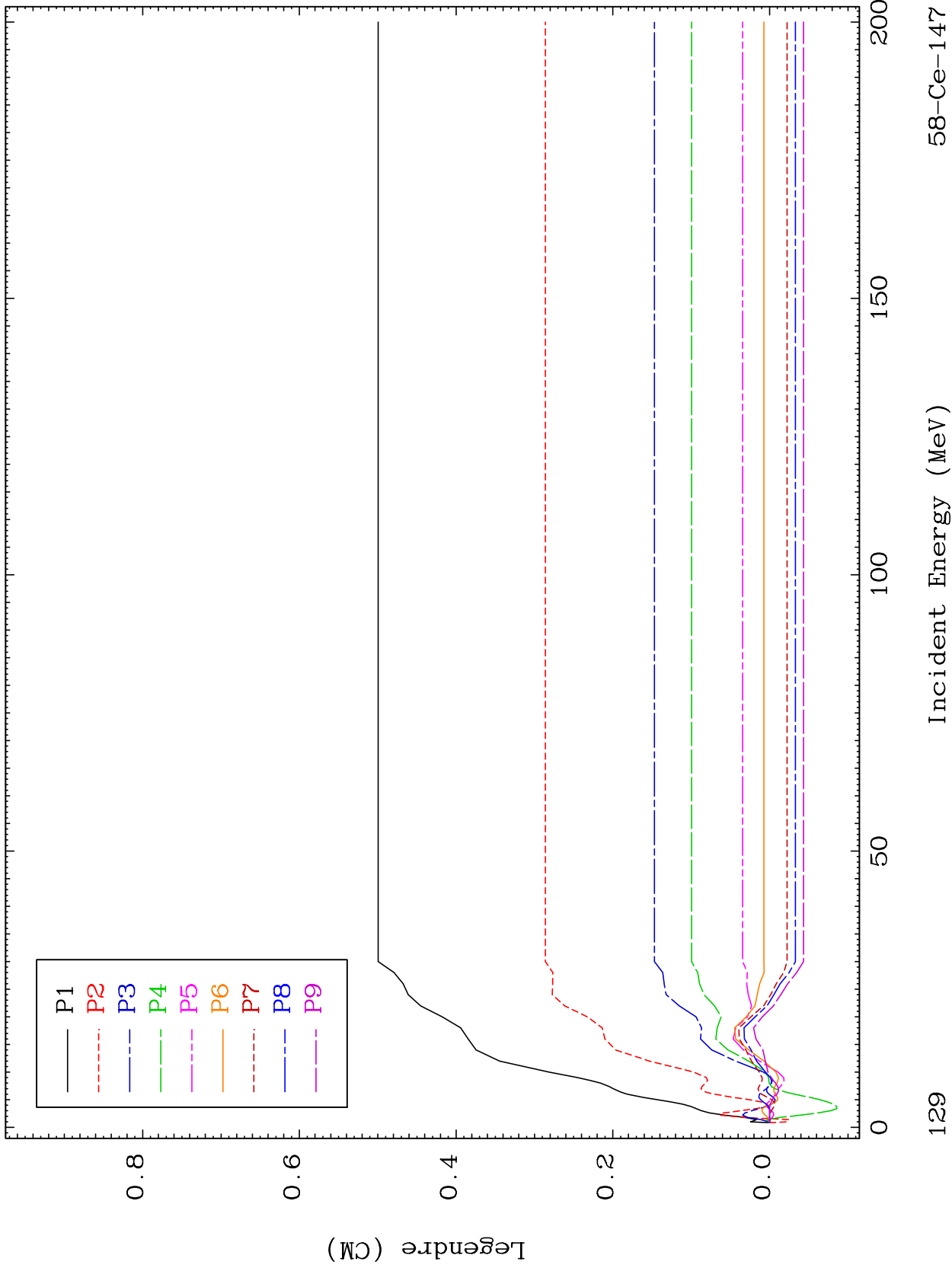
58-Ce-147



MAT 5858

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

58-Ce-147



58-Ce-147

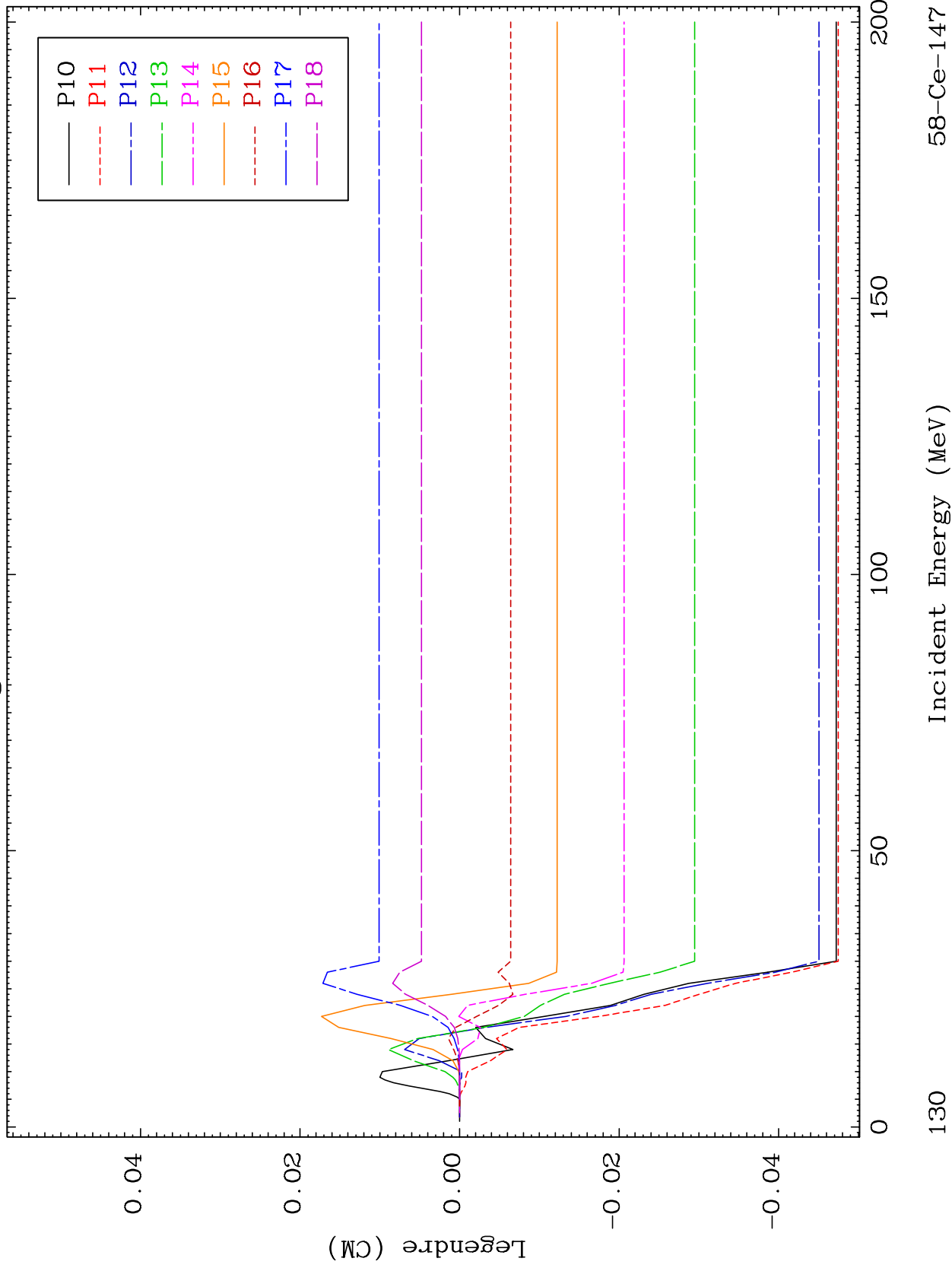
Incident Energy (MeV)

129

MAT 5858

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

58-Ce-147



58-Ce-147

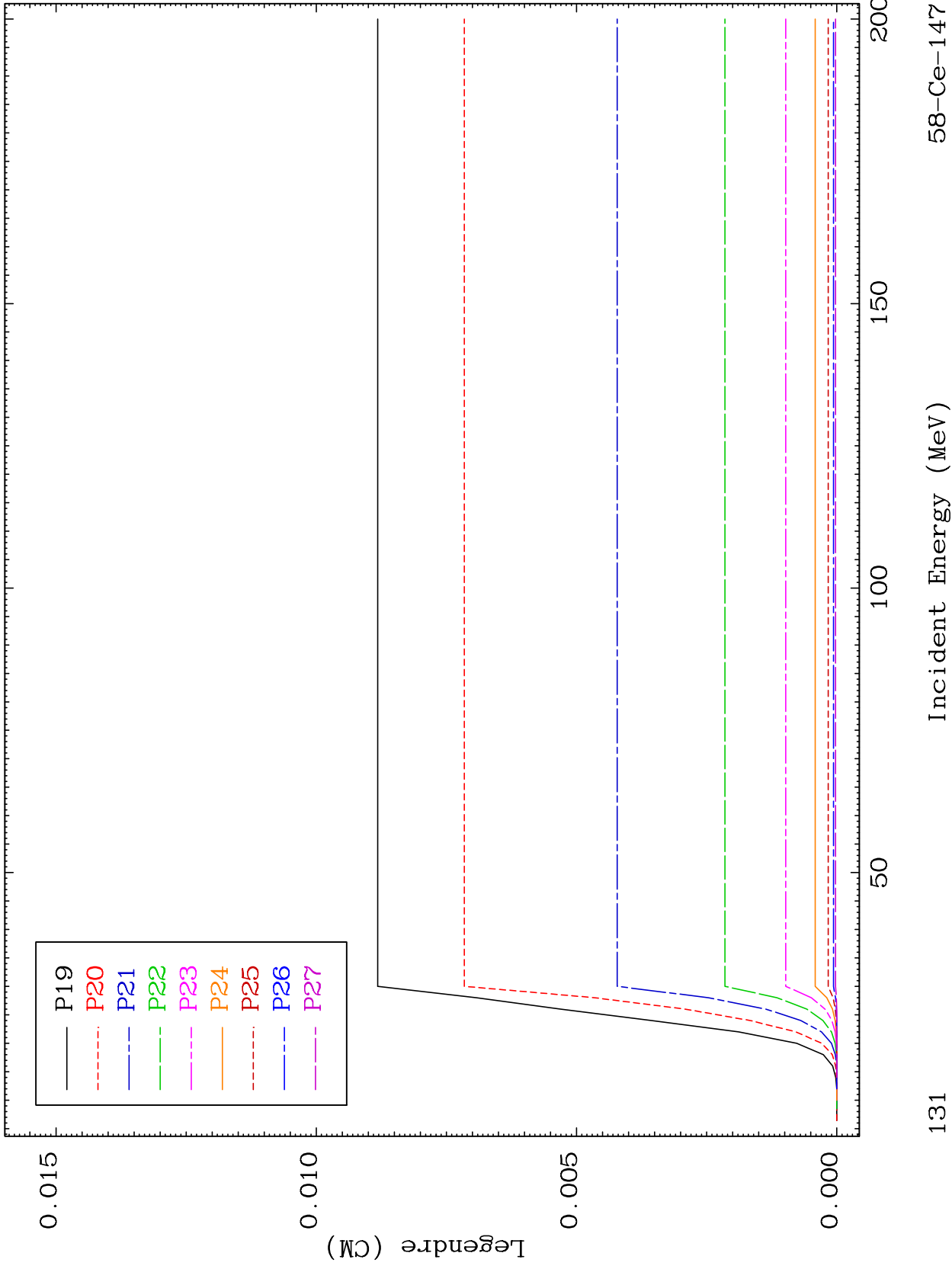
Incident Energy (MeV)

130

MAT 5858

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

58-Ce-147



131

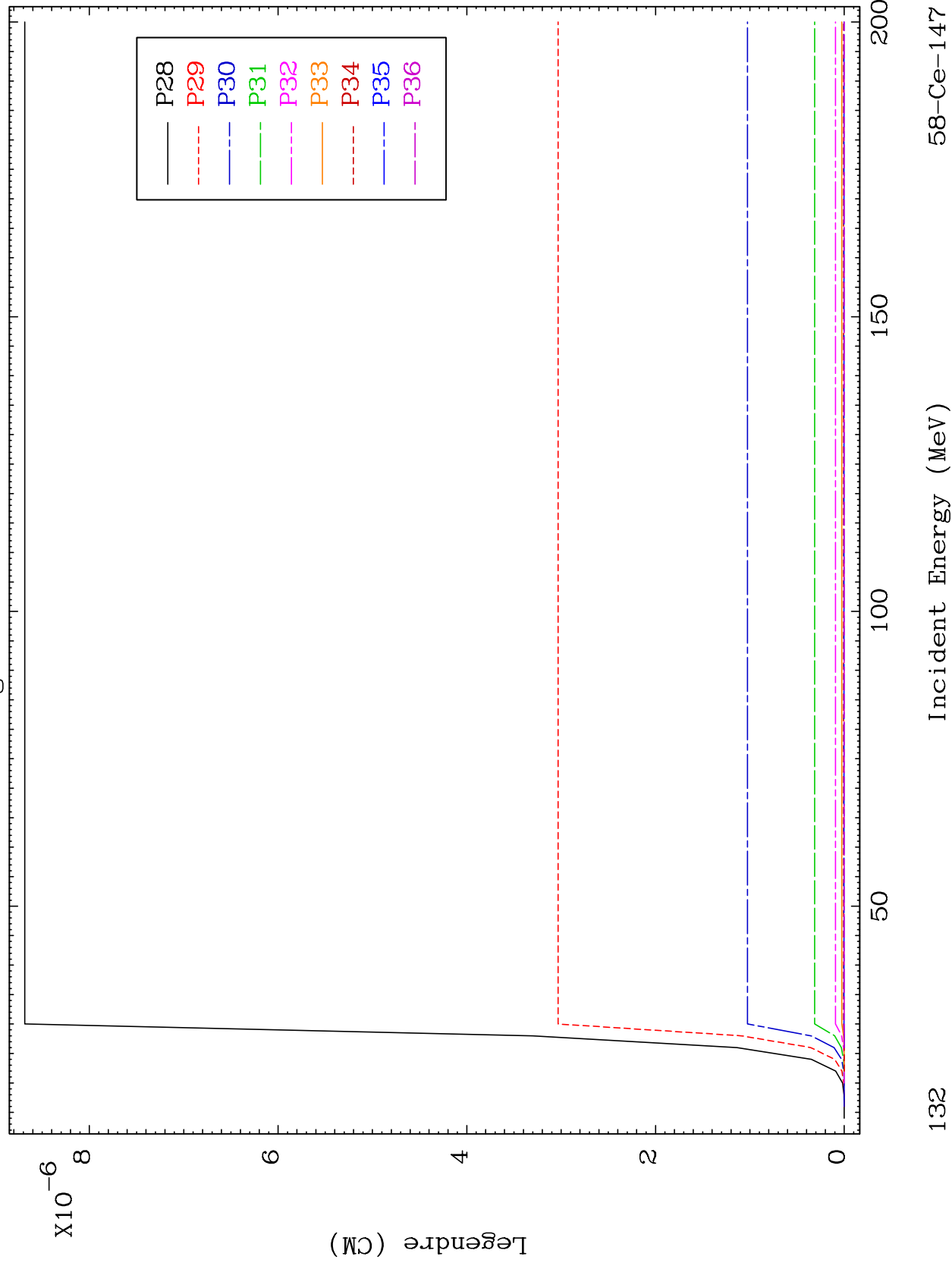
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



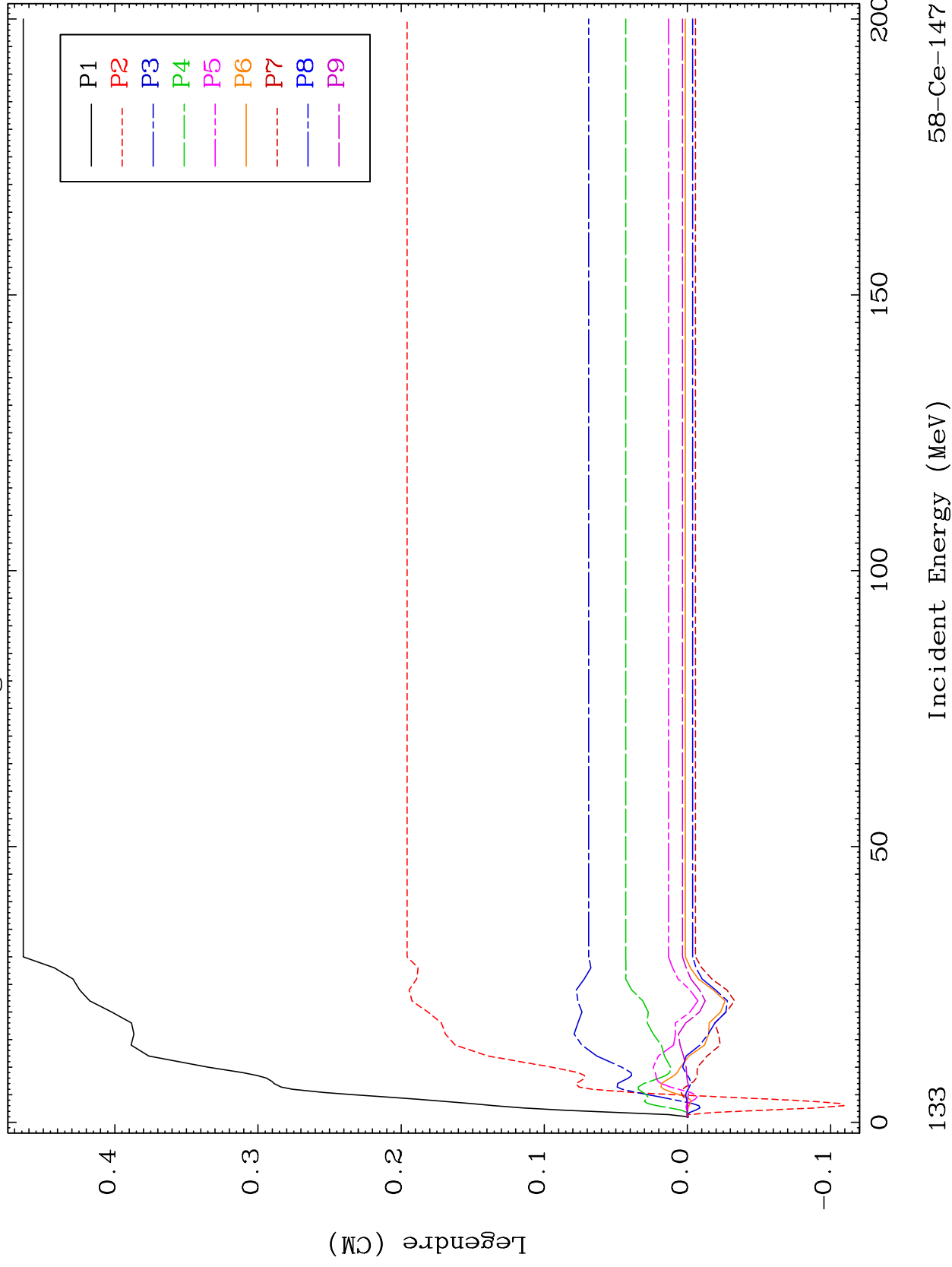
132

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

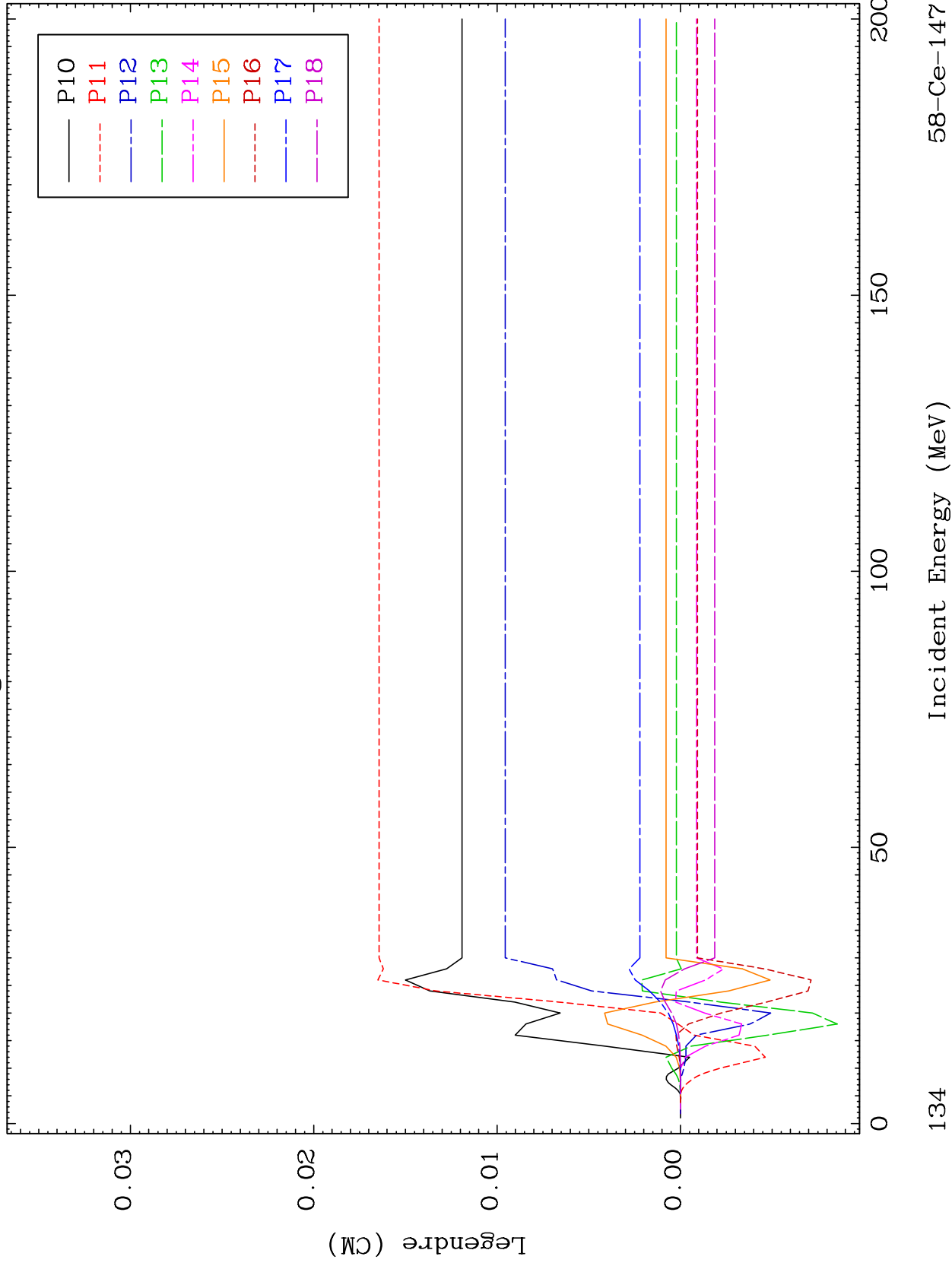
Incident Energy (MeV)

133

MAT 5858

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

58-Ce-147



134

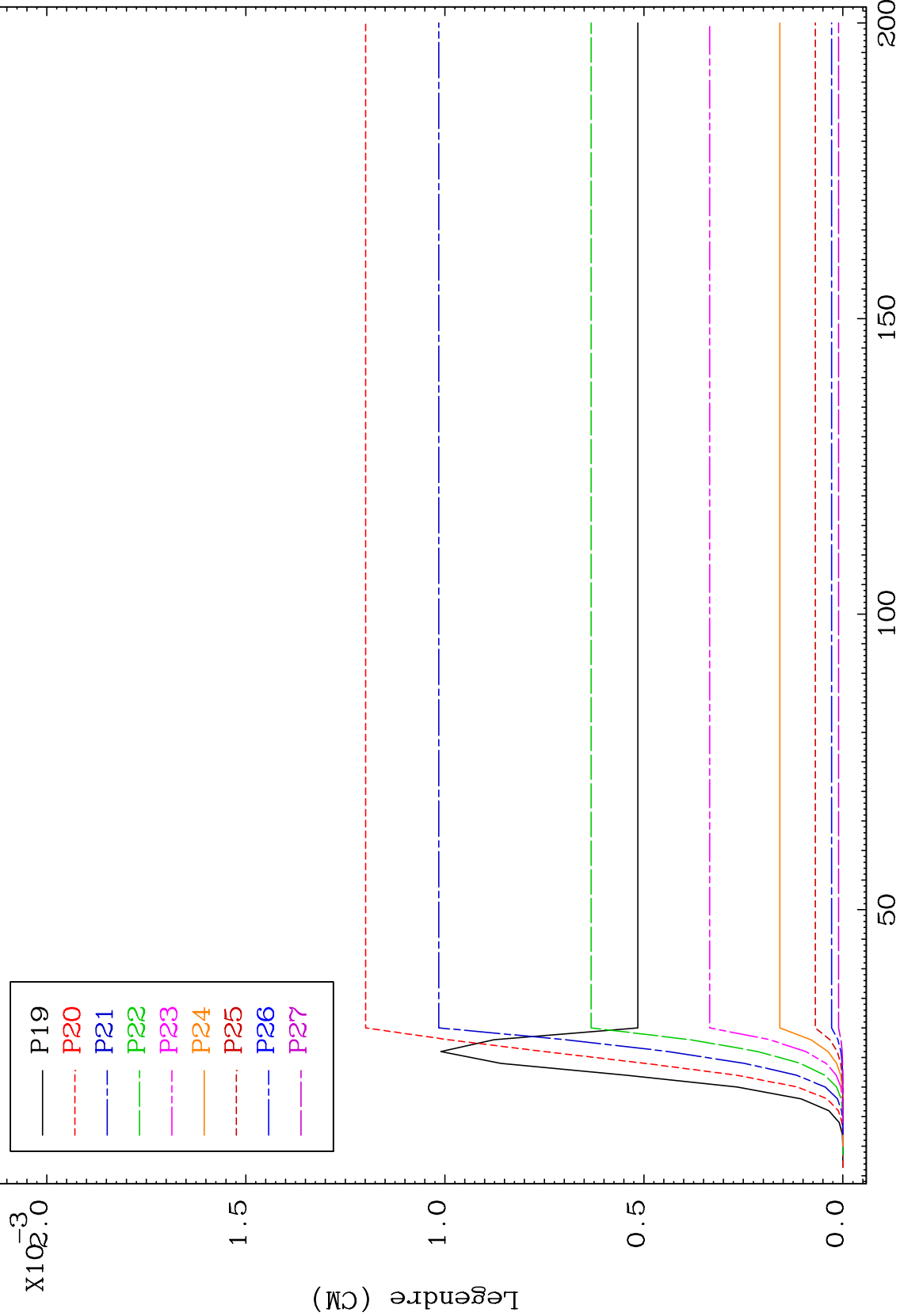
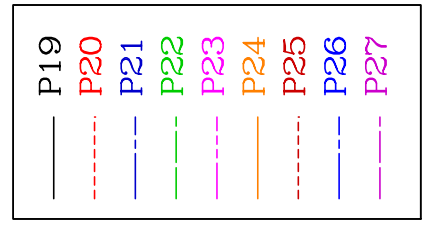
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



135

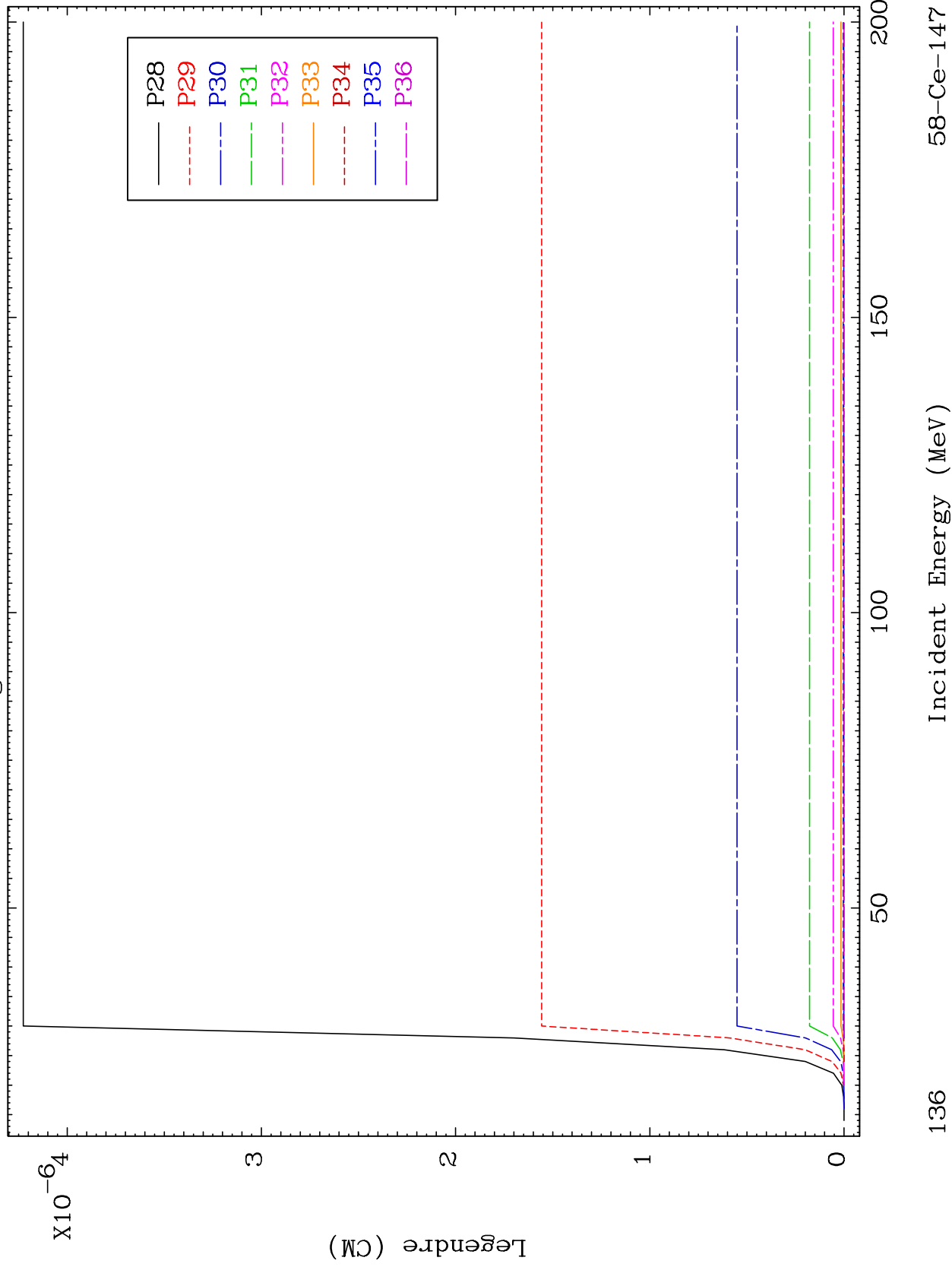
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



136

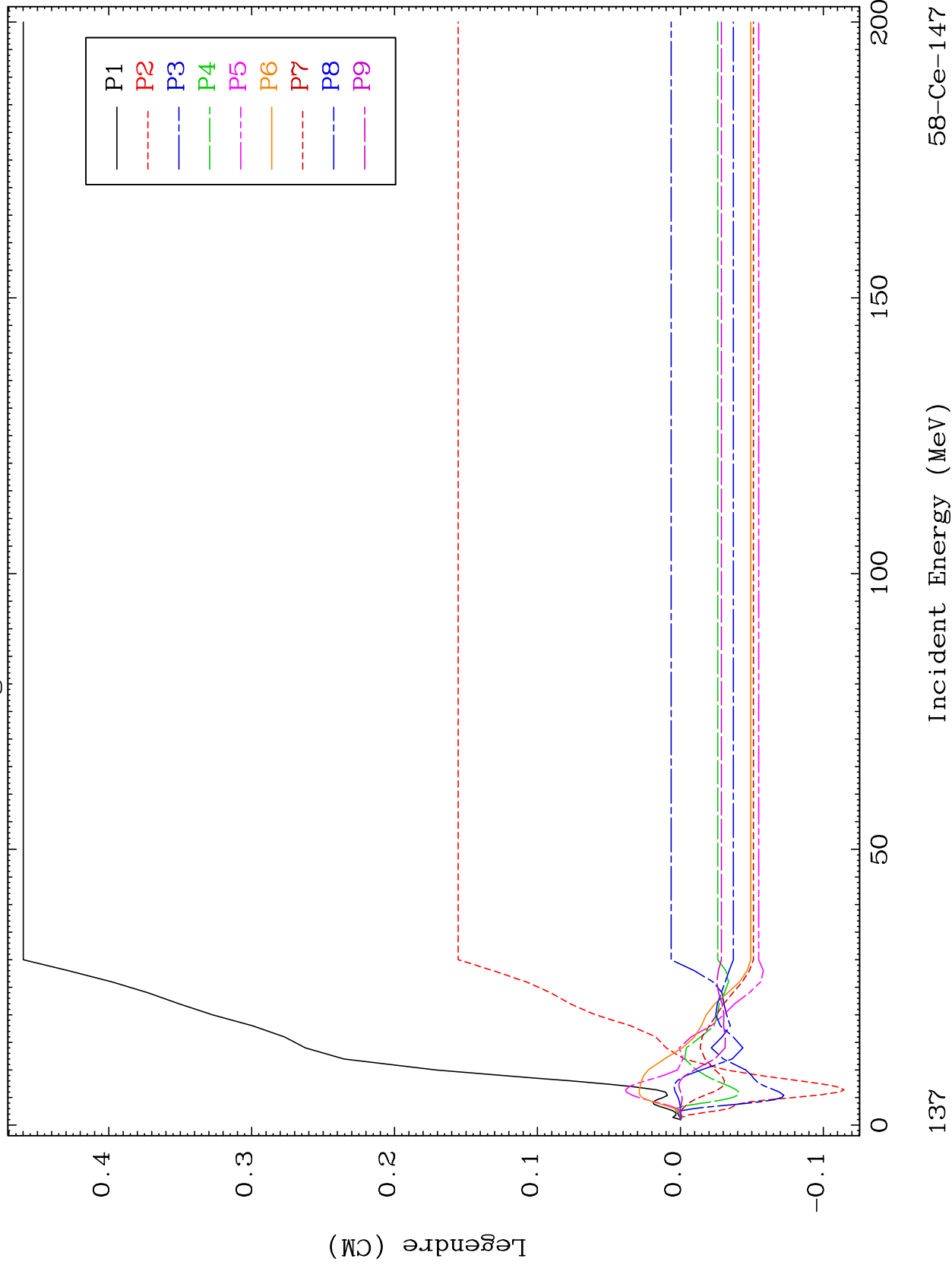
Incident Energy (MeV)

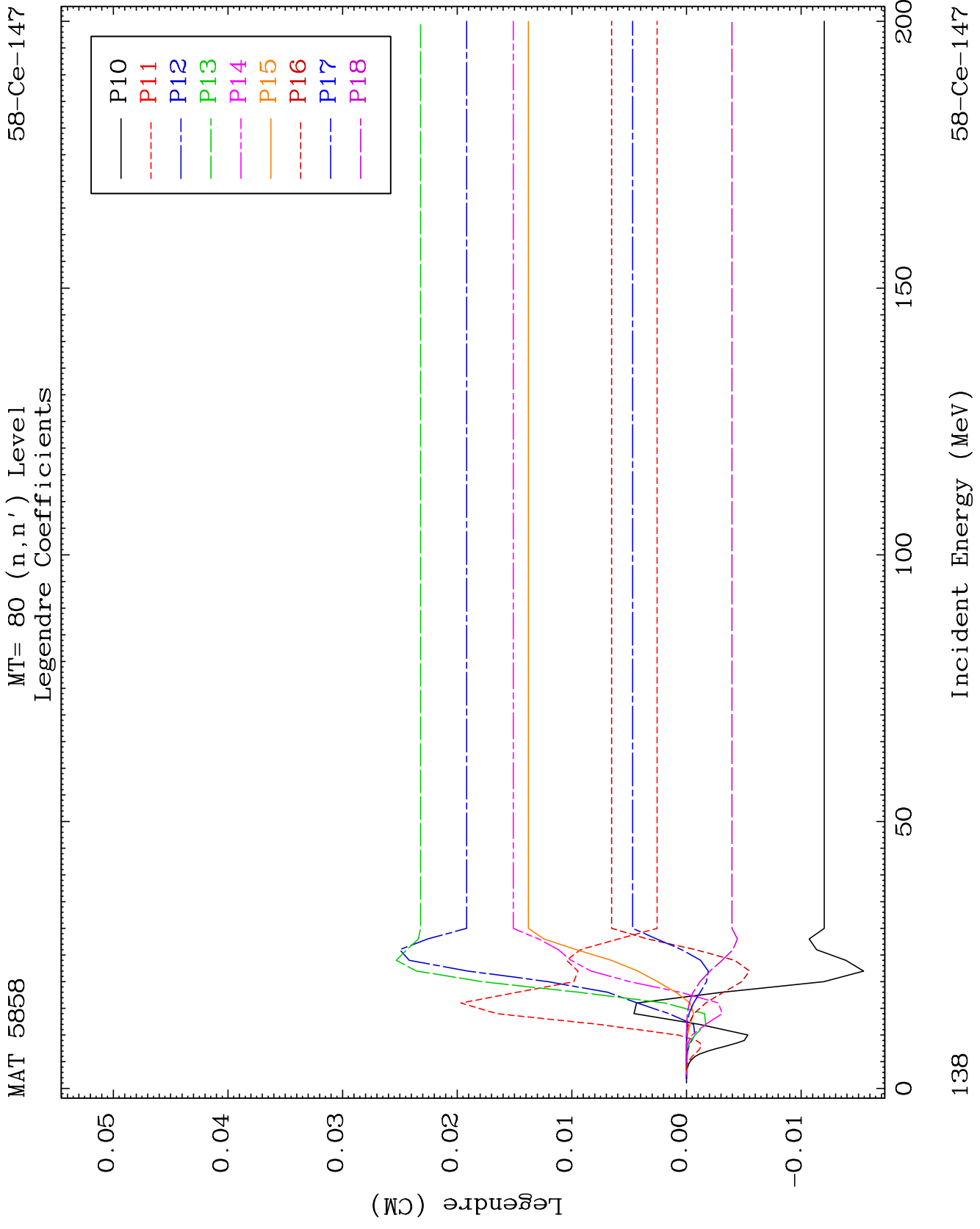
58-Ce-147

MAT 5858

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

58-Ce-147

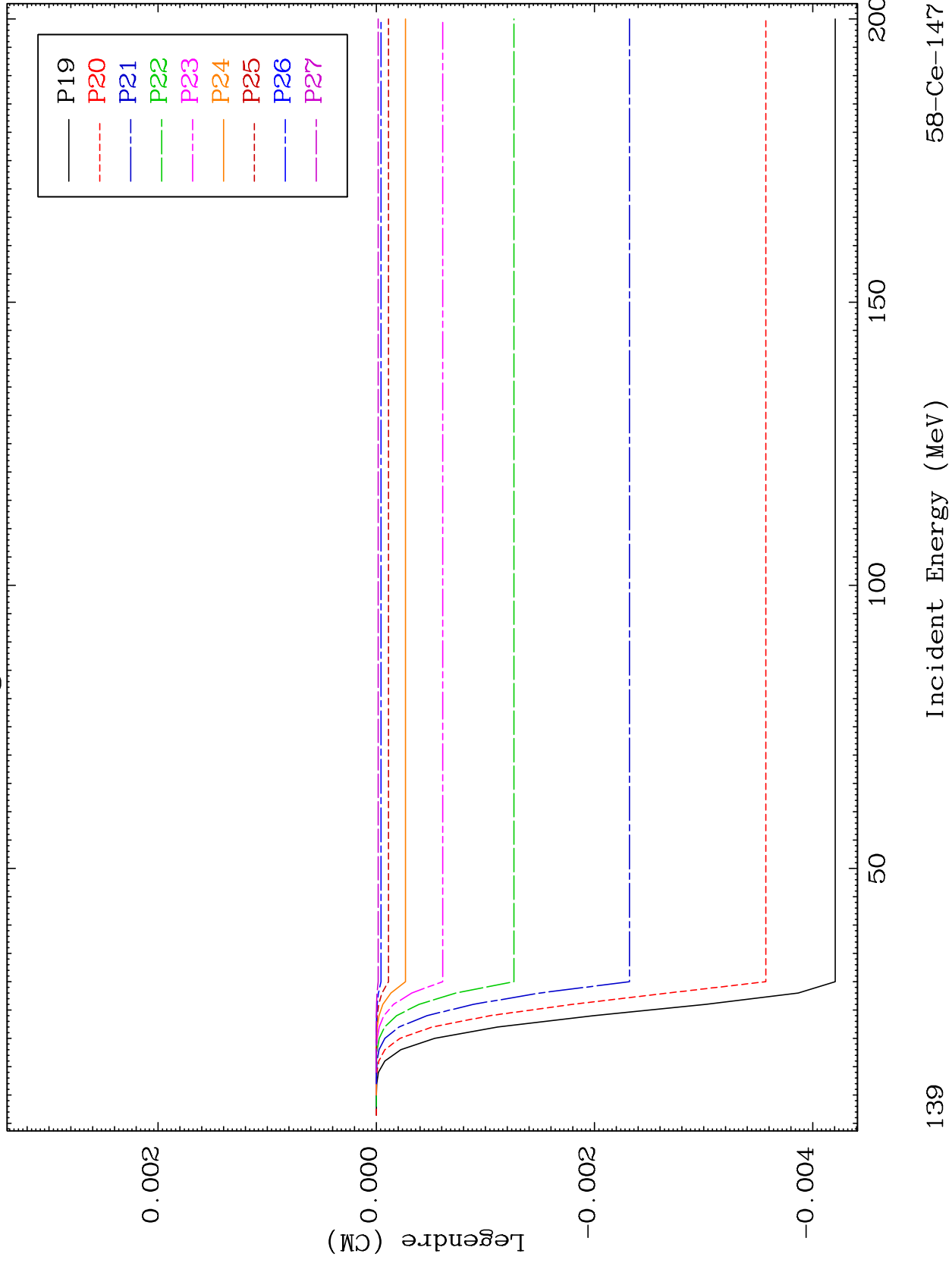




MAT 5858

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

58-Ce-147



139

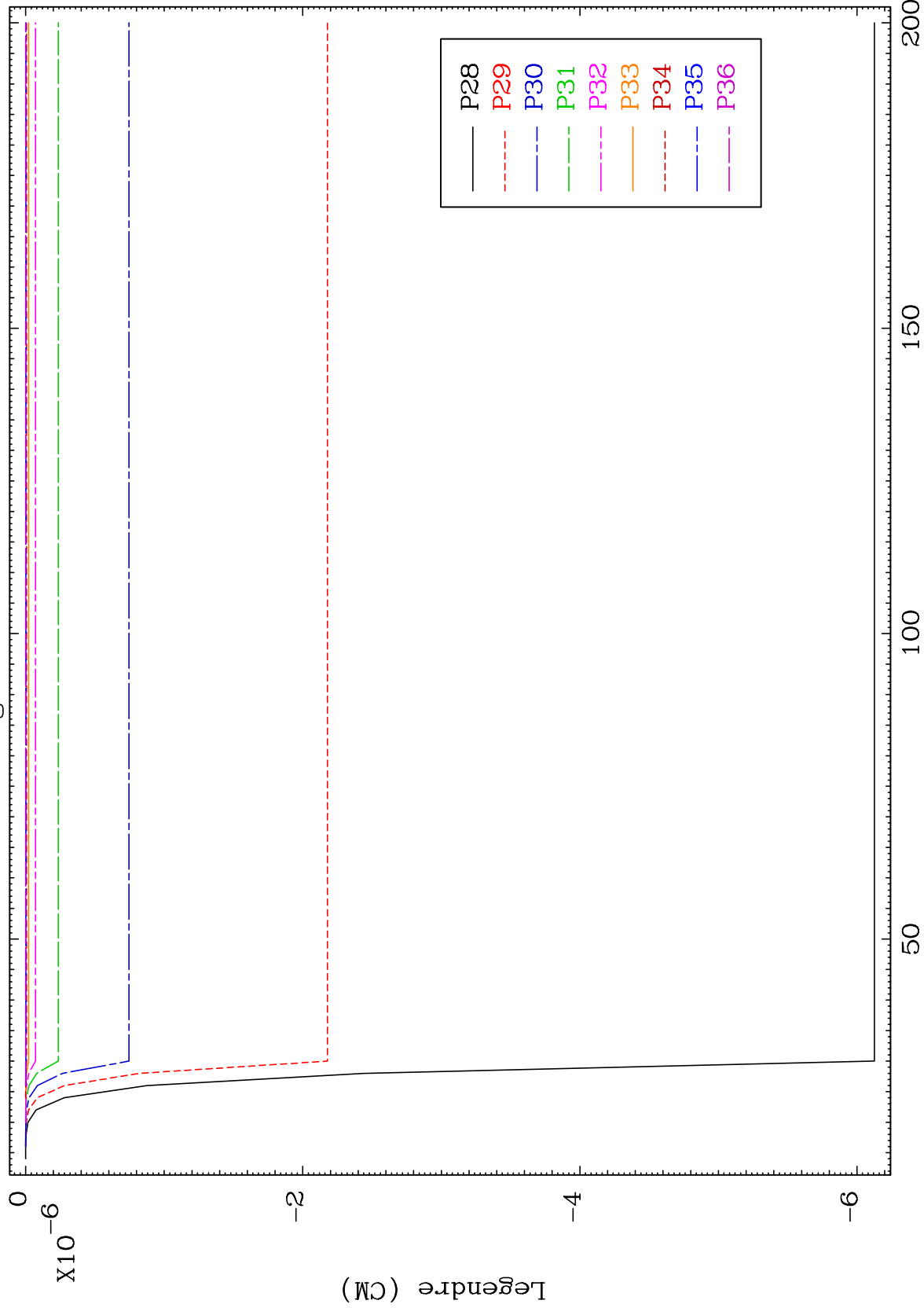
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



140

Incident Energy (MeV)

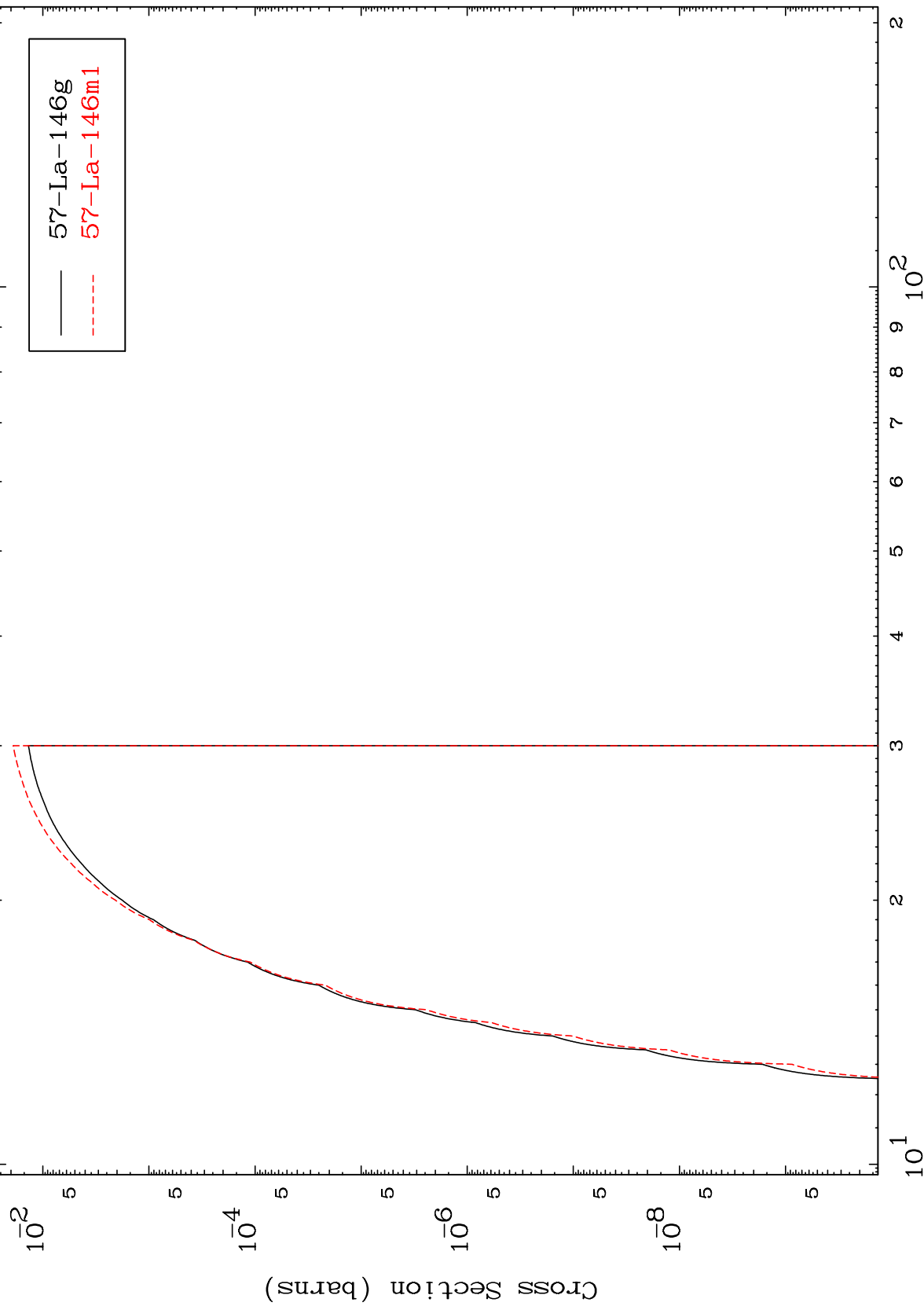
58-Ce-147

MAT 5858

(n,n') p

58-Ce-147

Radionuclide Production Cross Section



141

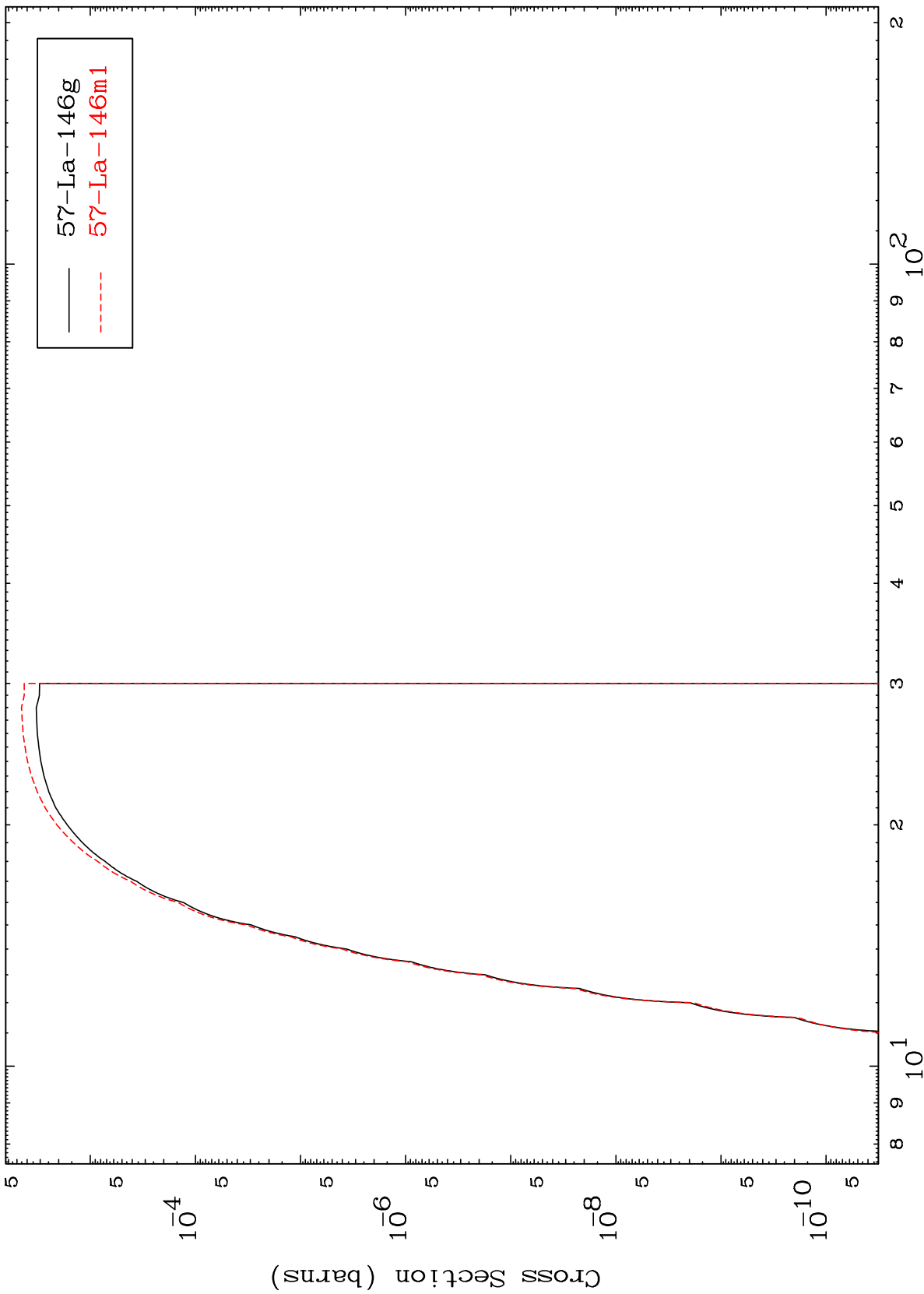
Incident Energy (MeV)

58-Ce-147

MAT 5858

58-Ce-147

(n,d)
Radionuclide Production Cross Section



142

Incident Energy (MeV)

58-Ce-147