

Program EVALPLOT
(Version 2017-1)

by

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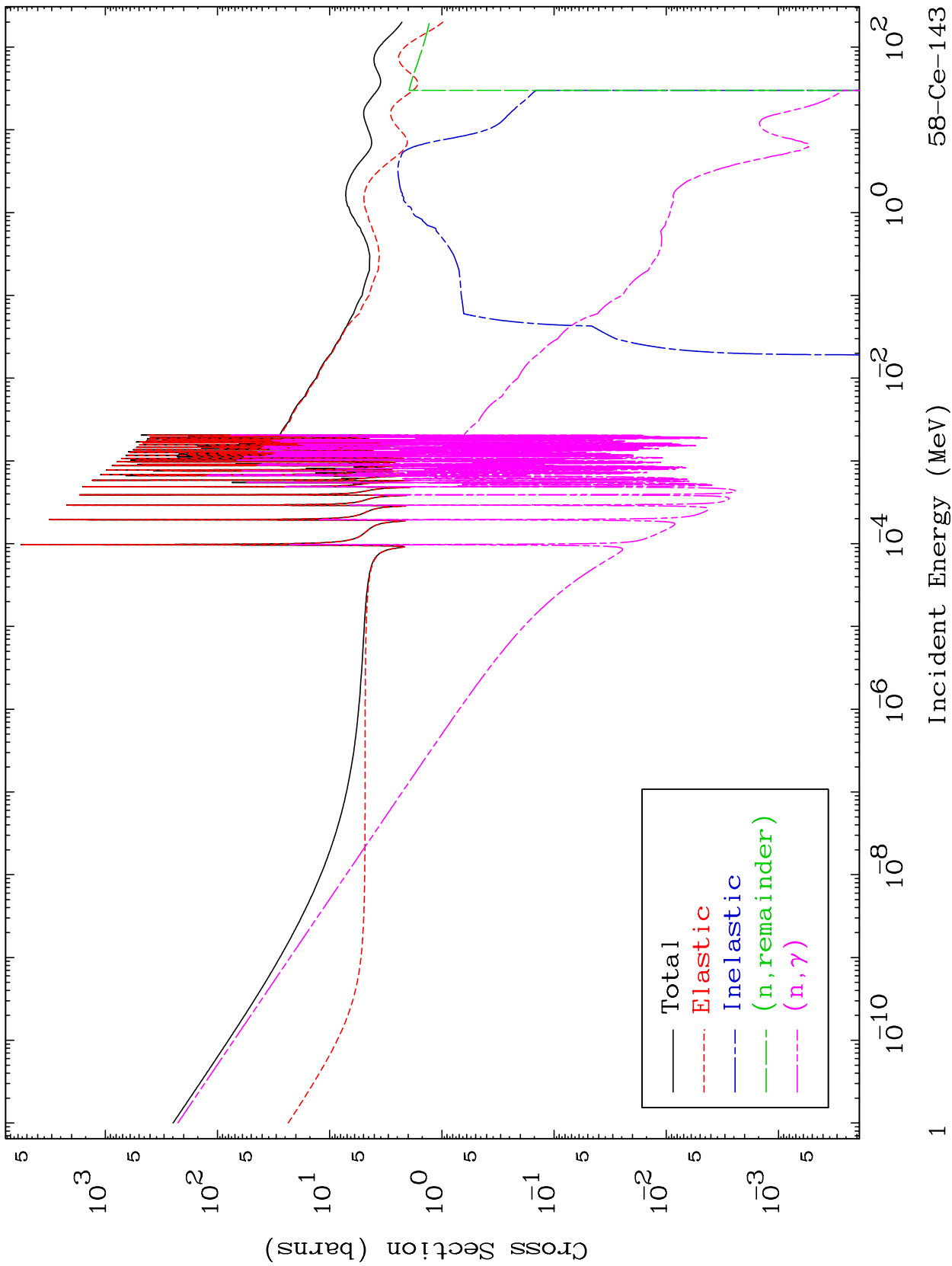
Press Mouse Button to Start

MAT 5846

Major

293 Kelvin Cross Sections

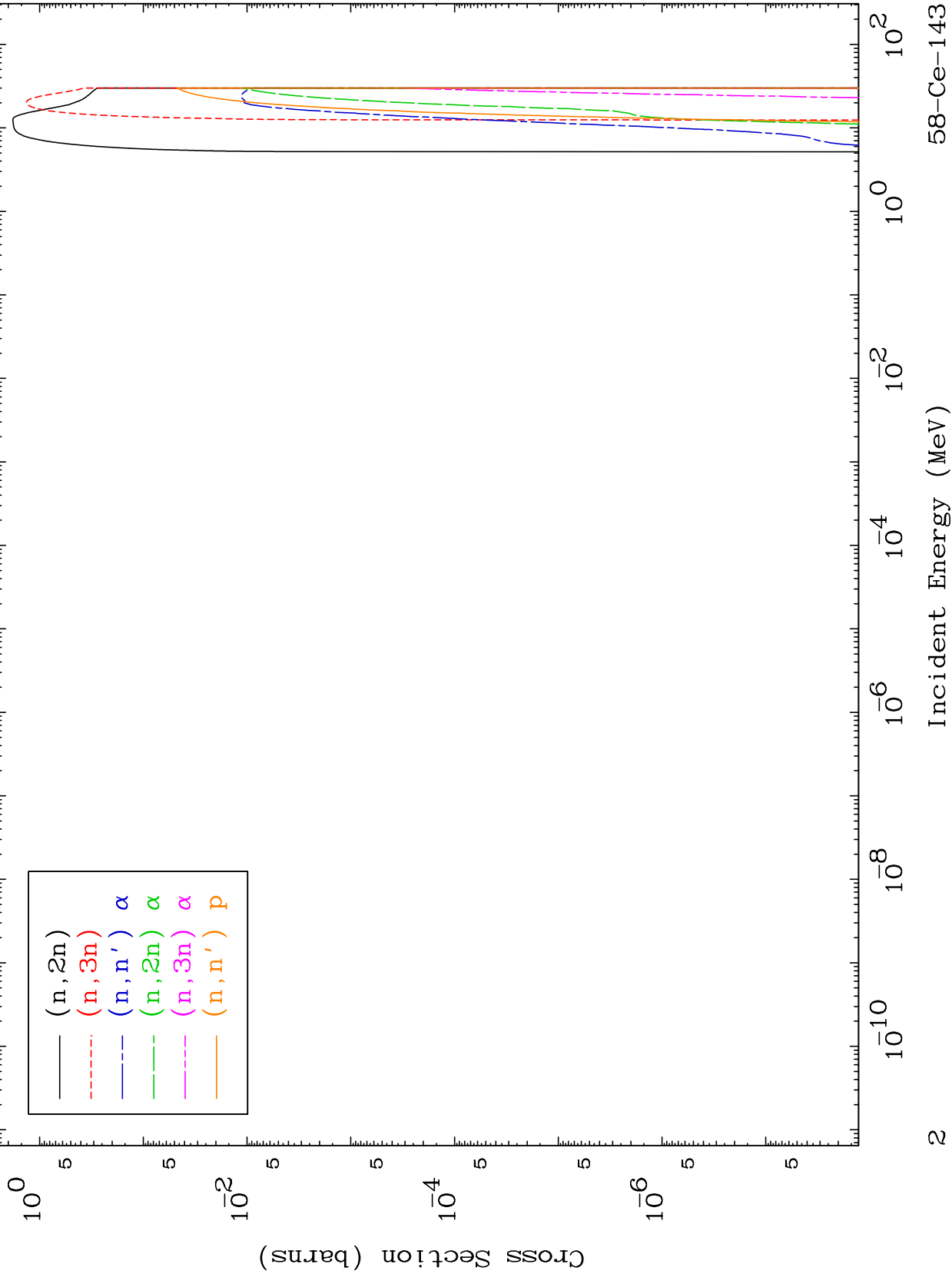
58-Ce-143

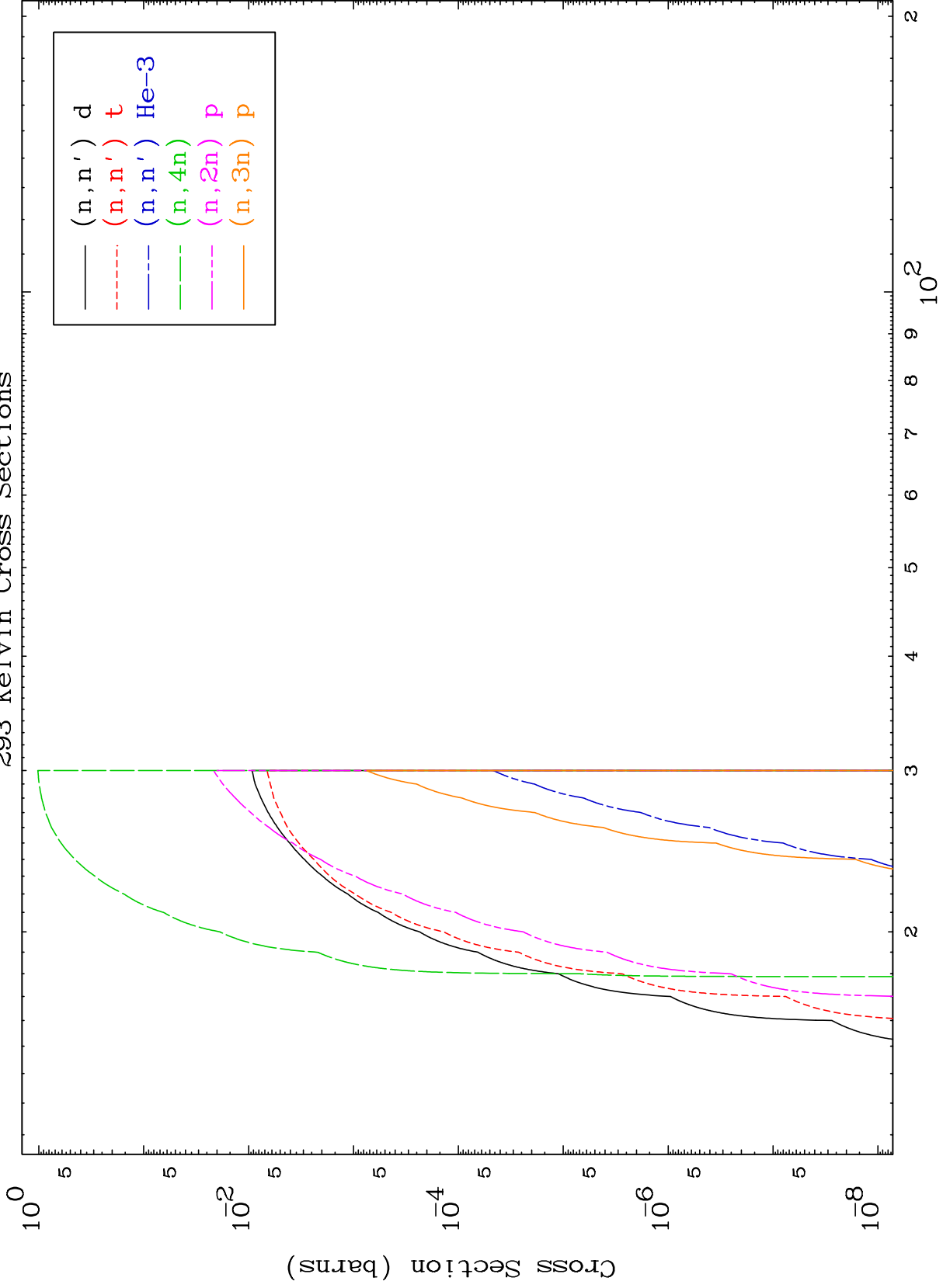


MAT 5846

Neutron Production
293 Kelvin Cross Sections

58-Ce-143

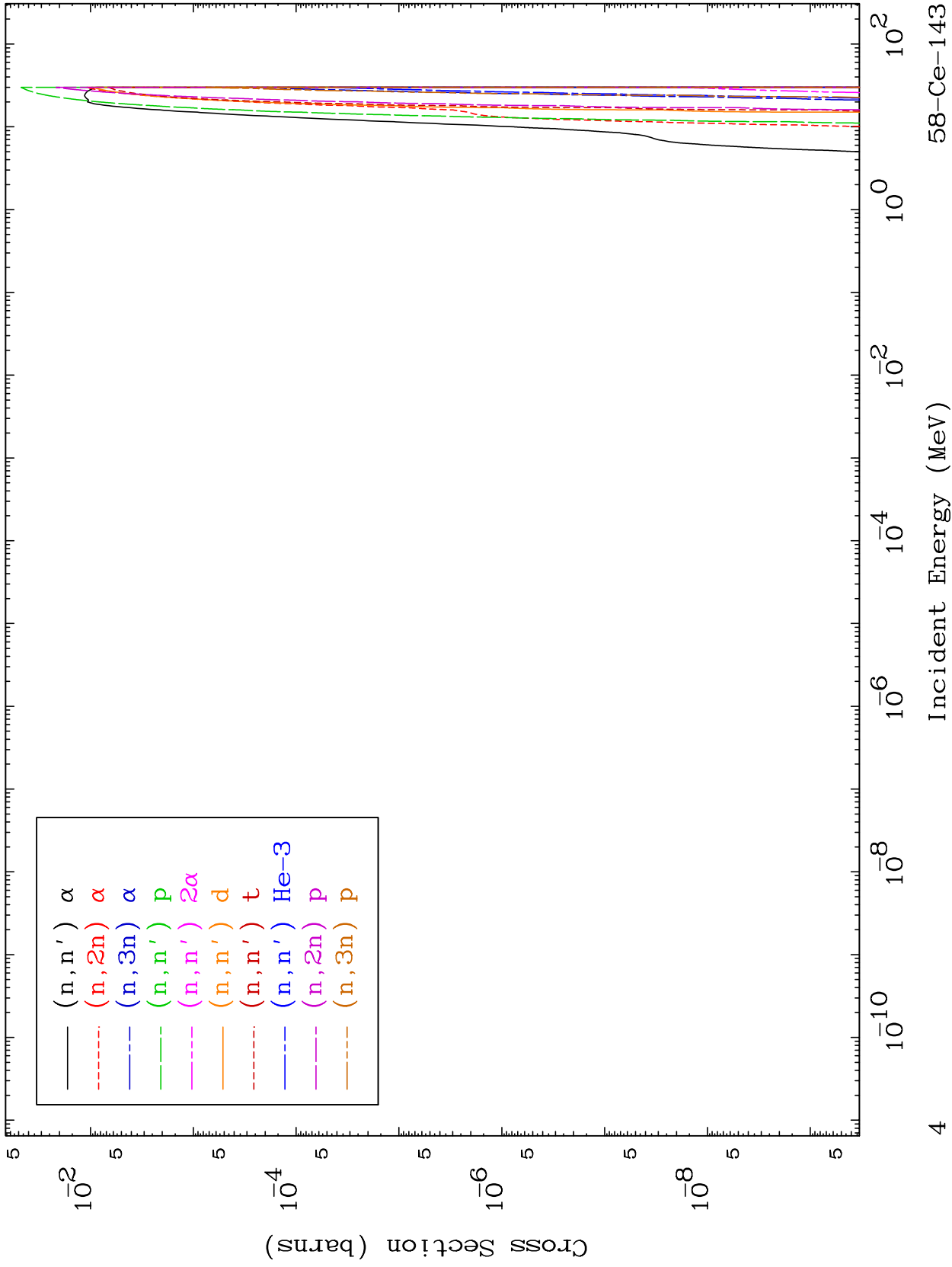




MAT 5846

Charged Particle
293 Kelvin Cross Sections

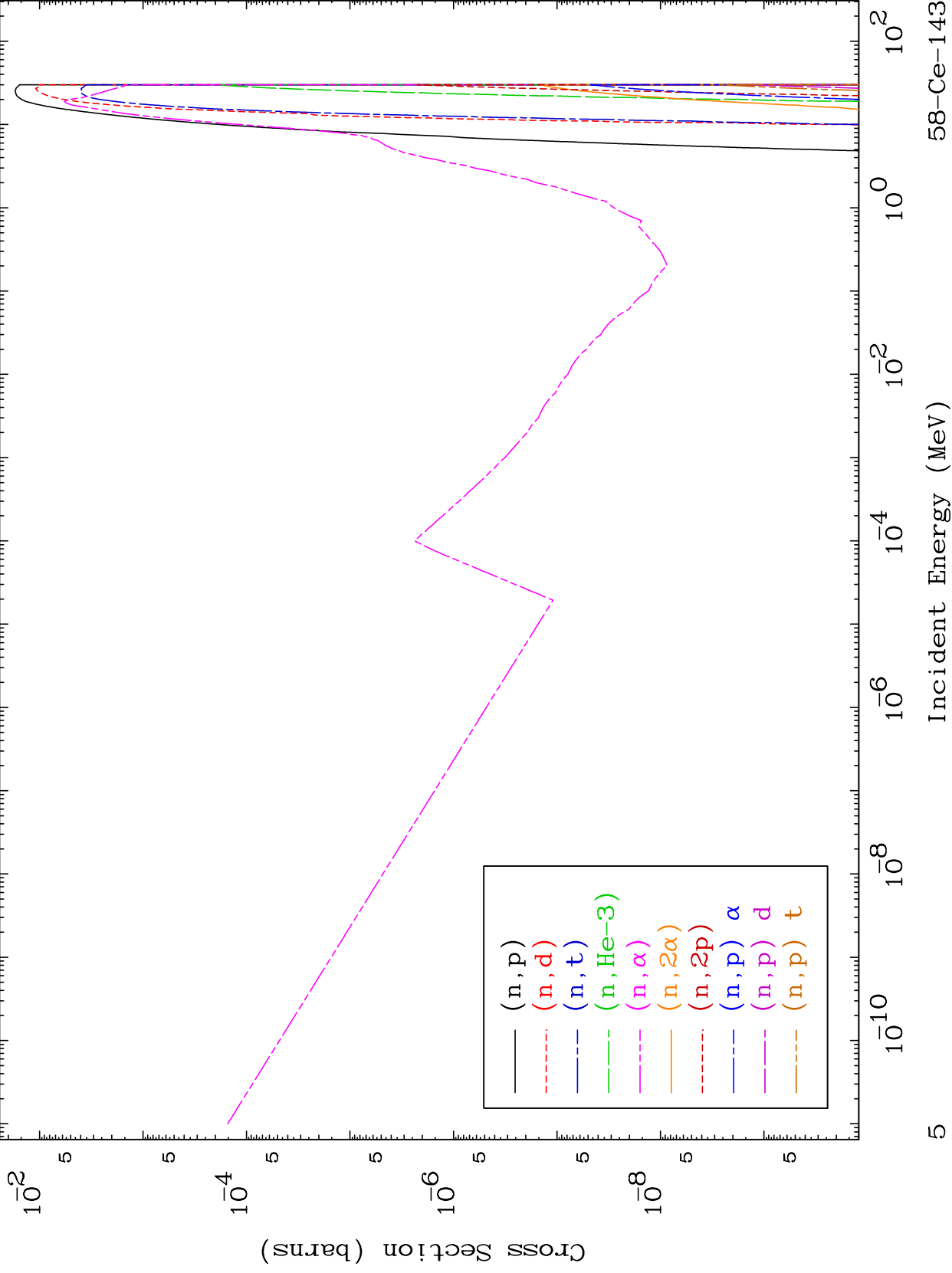
58-Ce-143



MAT 5846

Charged Particle
293 Kelvin Cross Sections

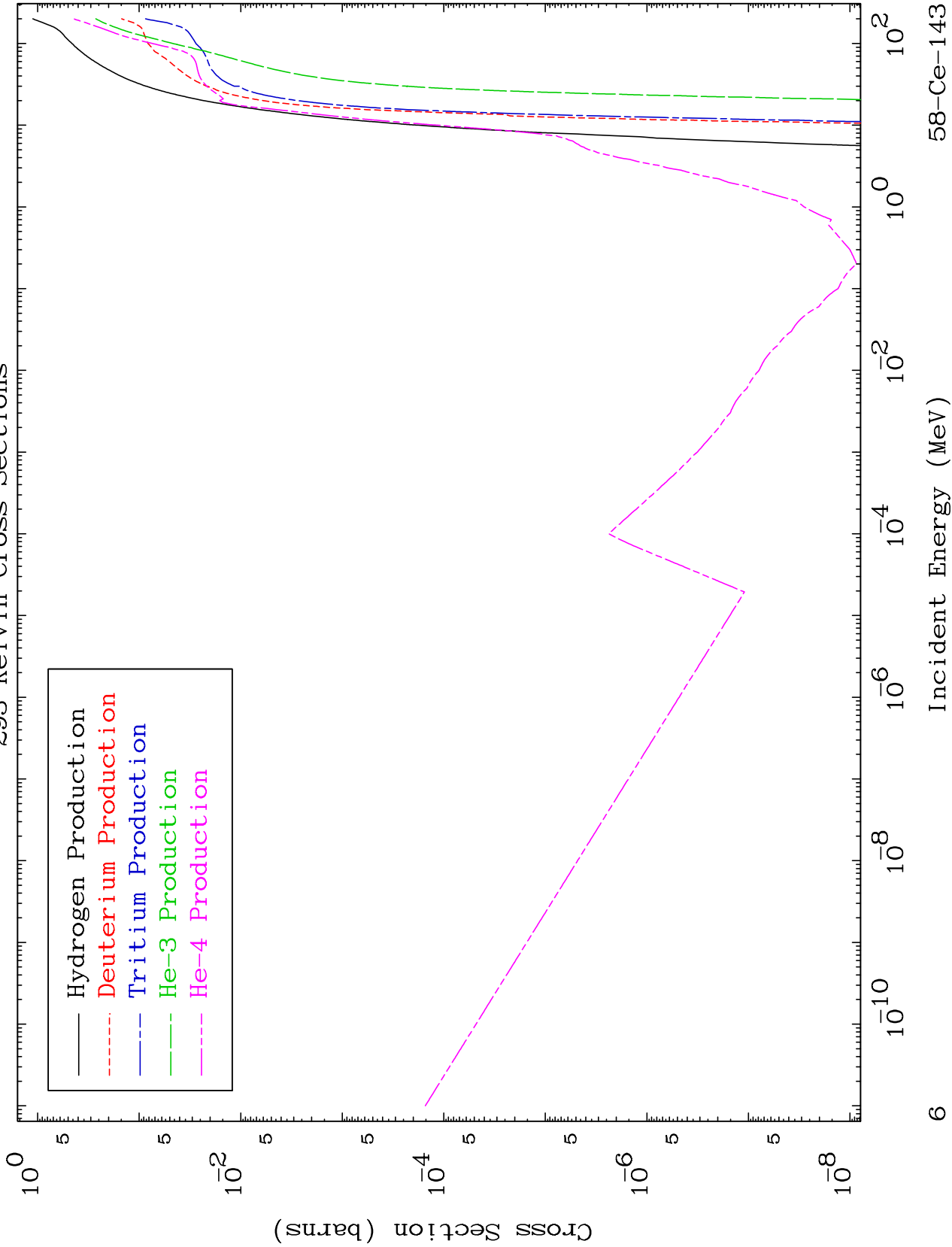
58-Ce-143

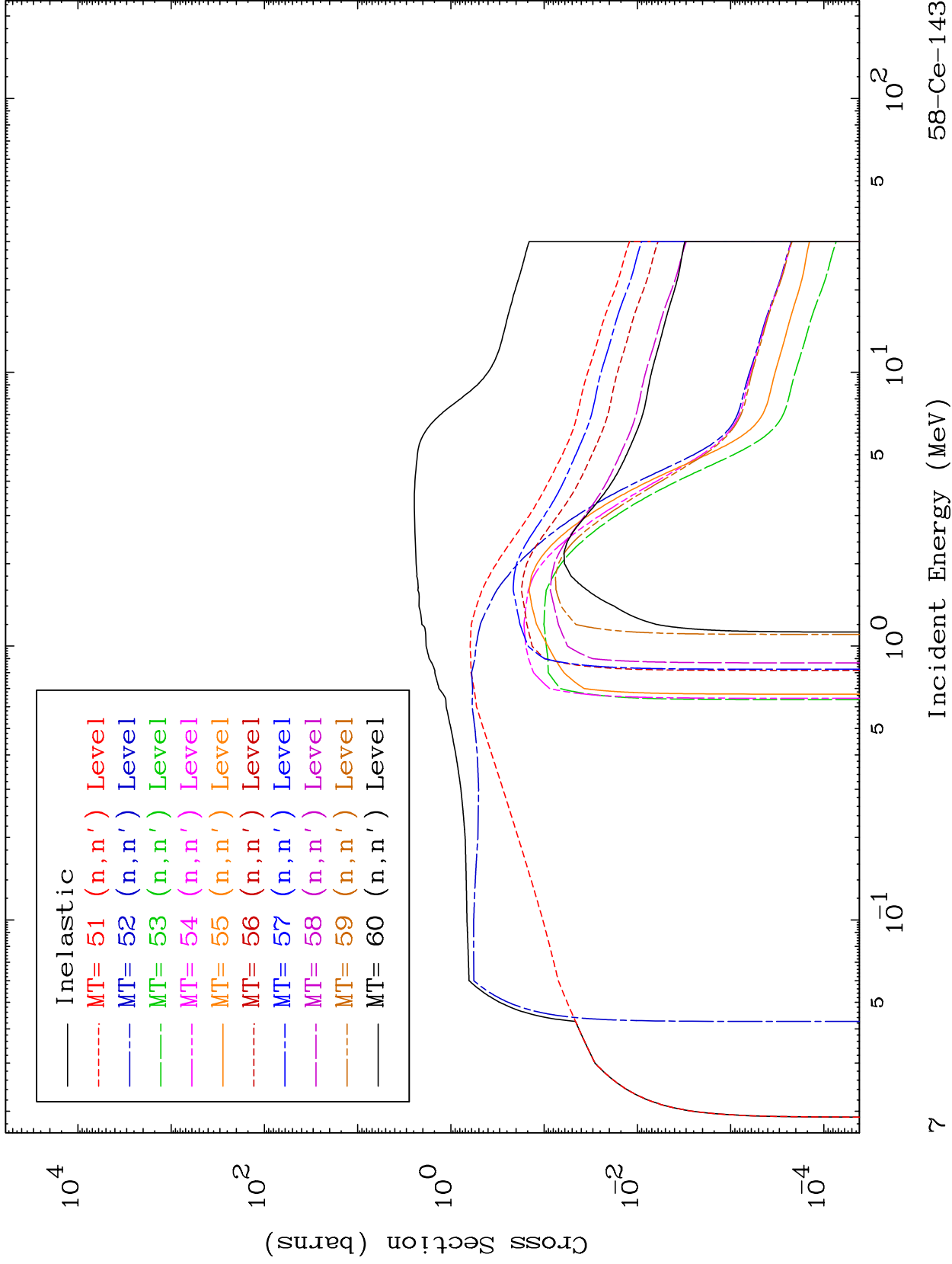


MAT 5846

Particle Production
293 Kelvin Cross Sections

58-Ce-143



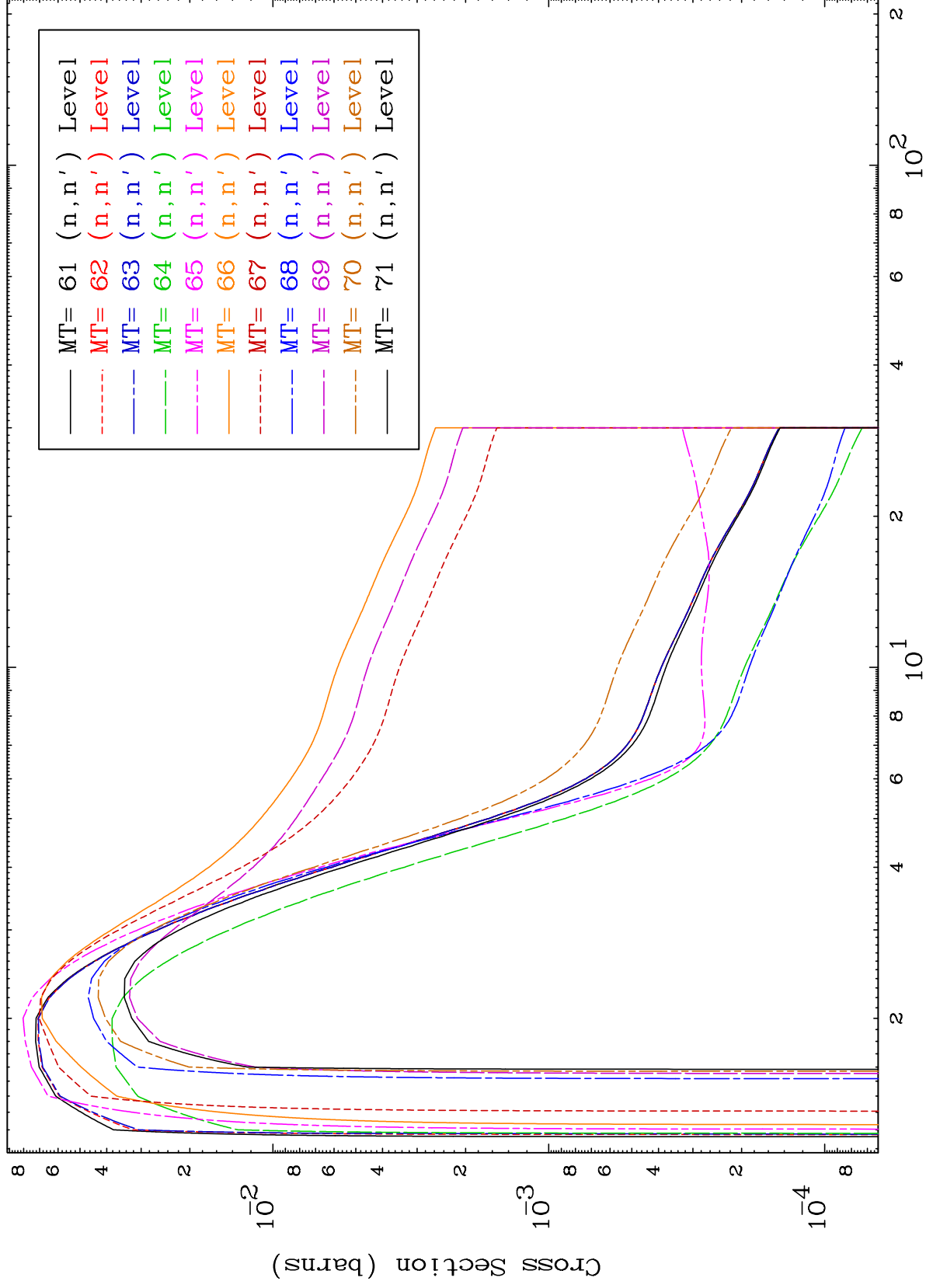


MAT 5846

(n,n') Level

58-Ce-143

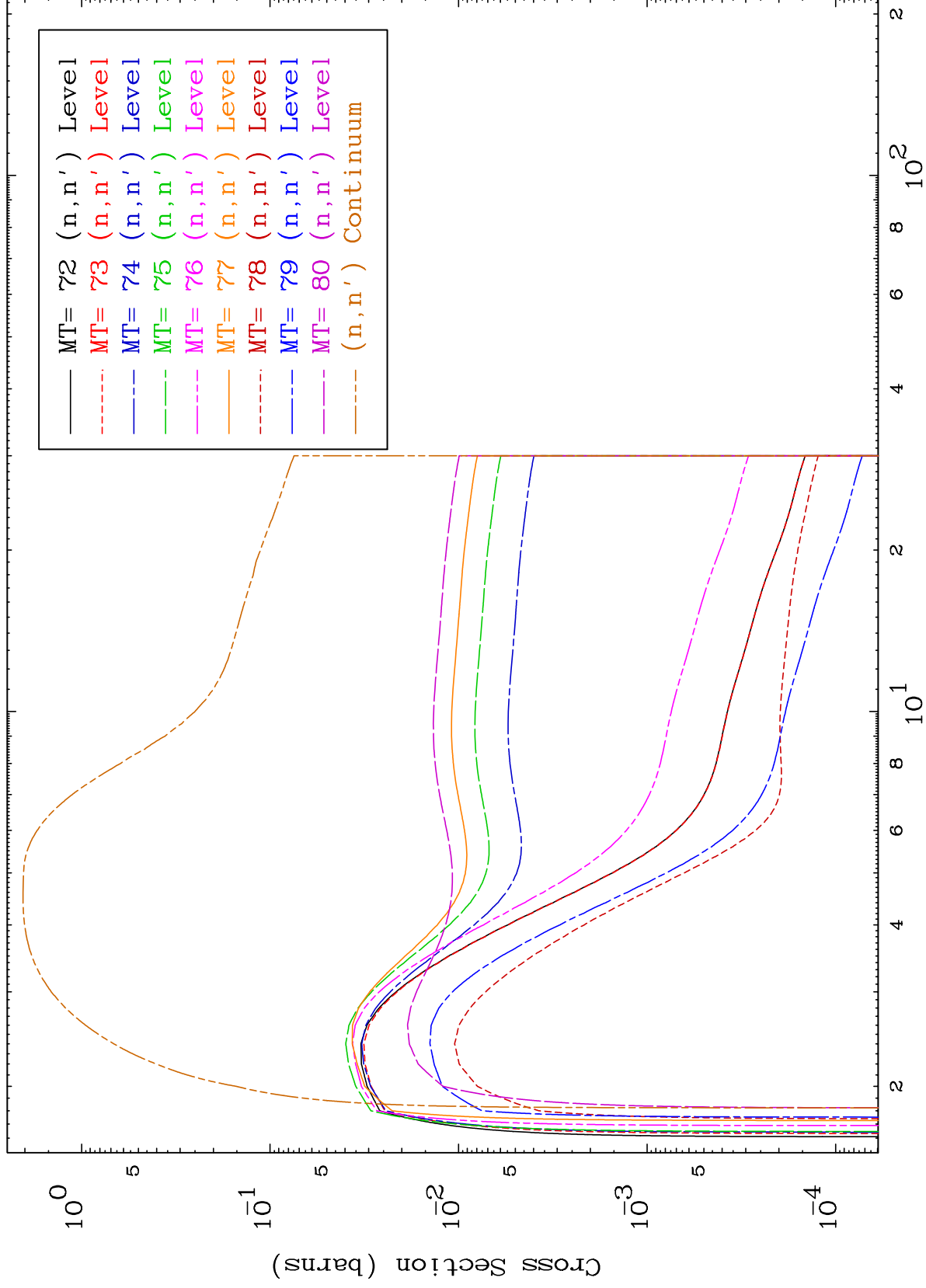
293 Kelvin Cross Sections



Incident Energy (MeV)

58-Ce-143

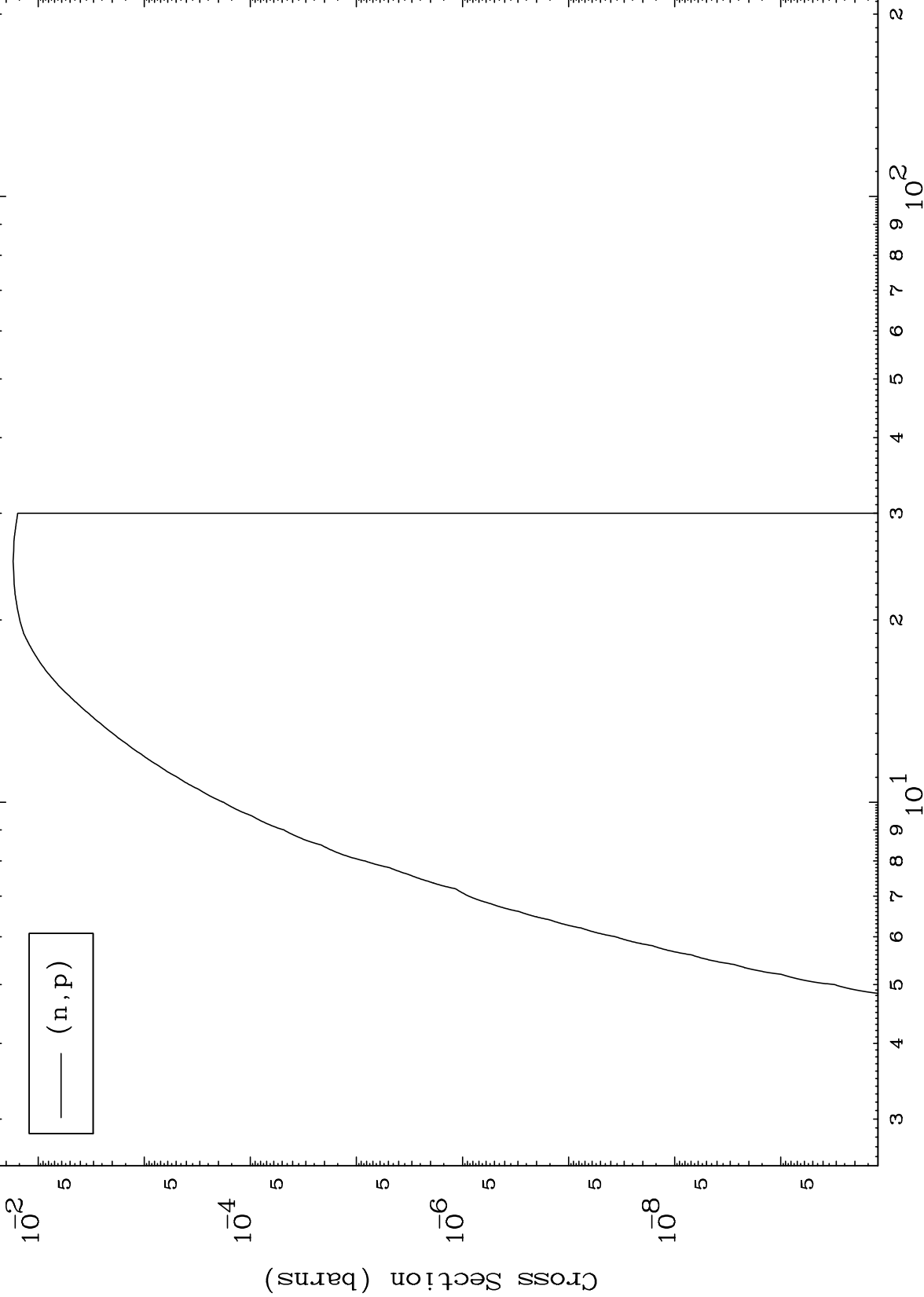
293 Kelvin Cross Sections



MAT 5846

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-143



10

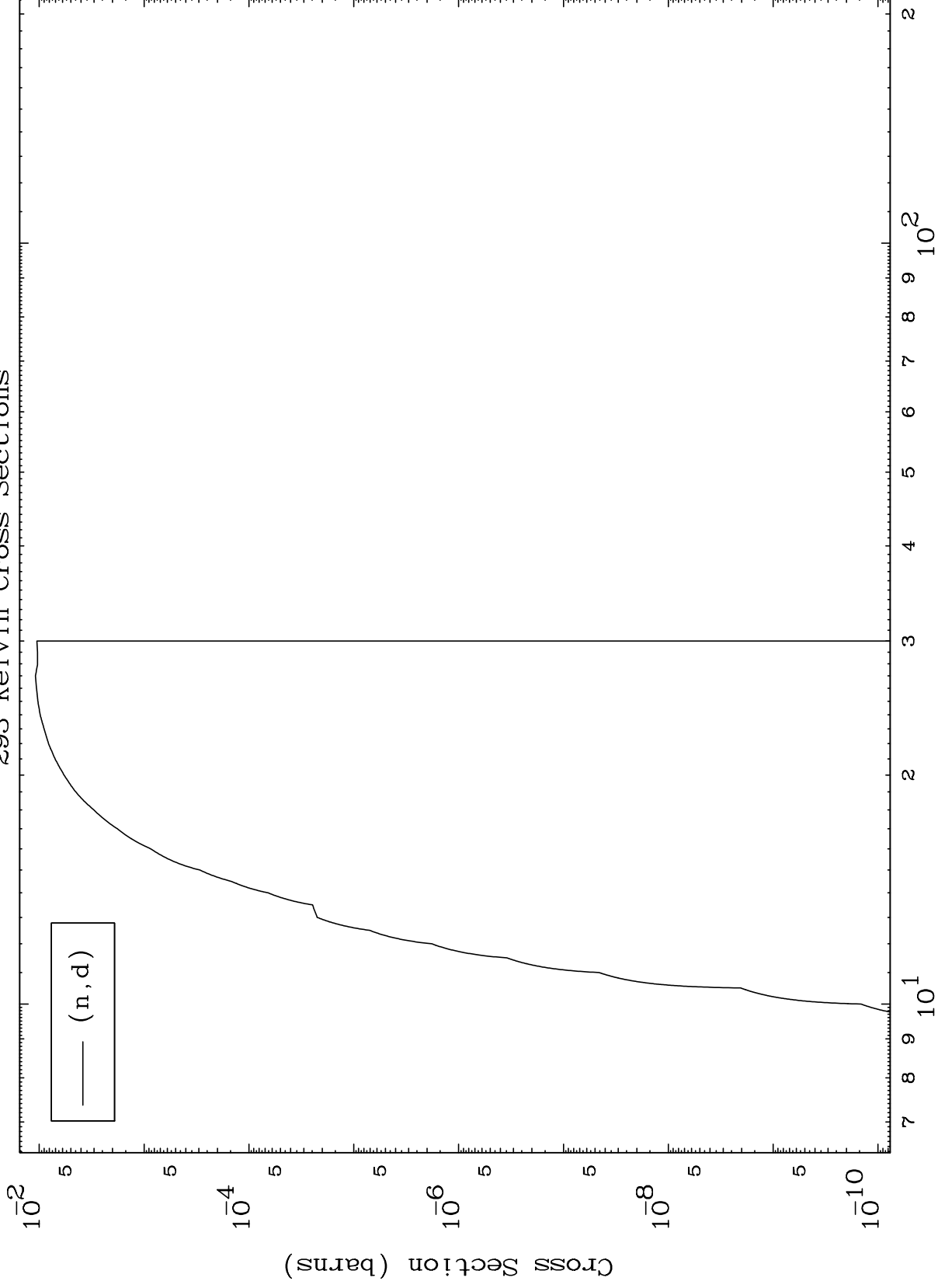
Incident Energy (MeV)

58-Ce-143

MAT 5846

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-143



11

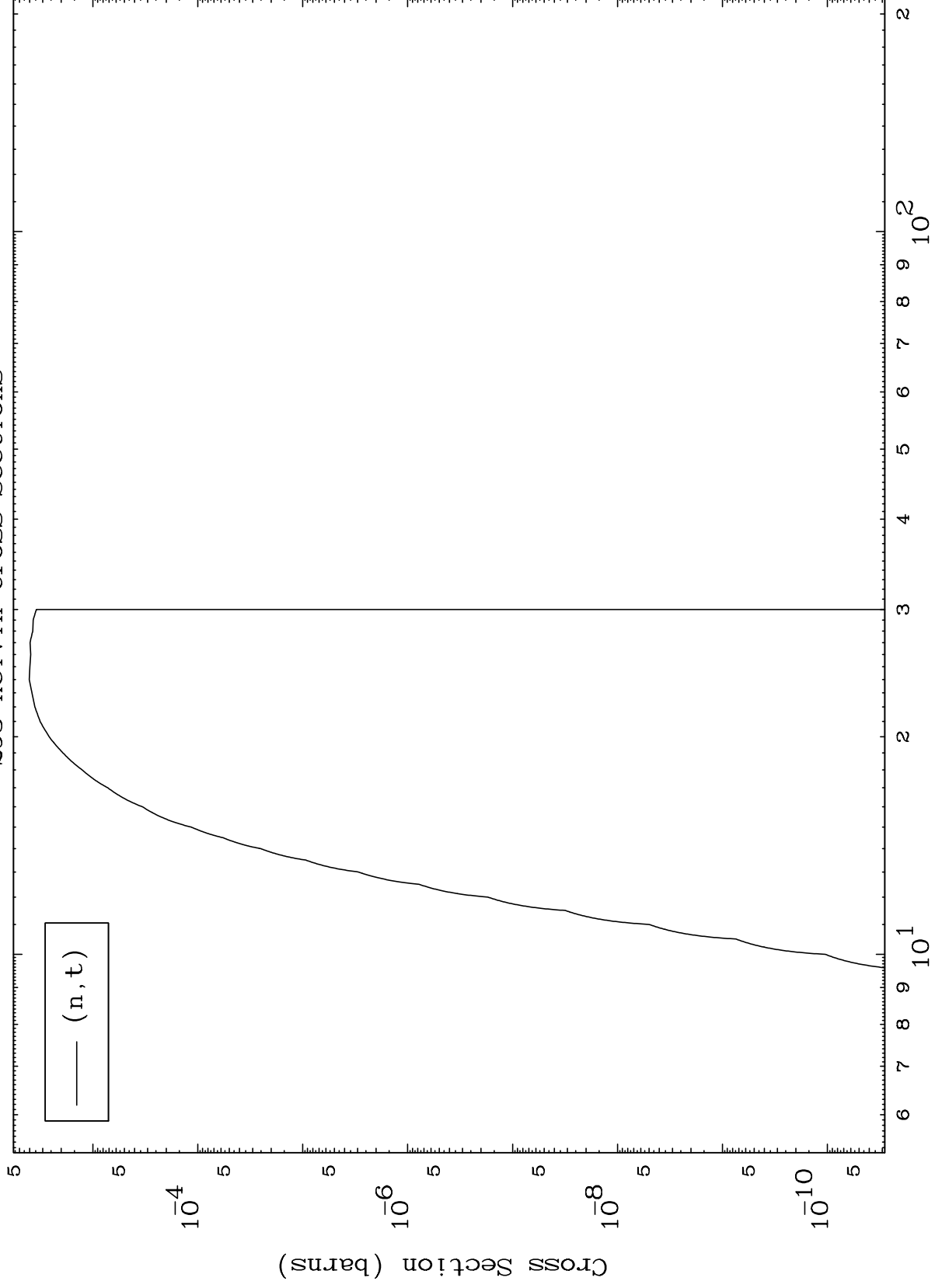
Incident Energy (MeV)

58-Ce-143

MAT 5846

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-143



12

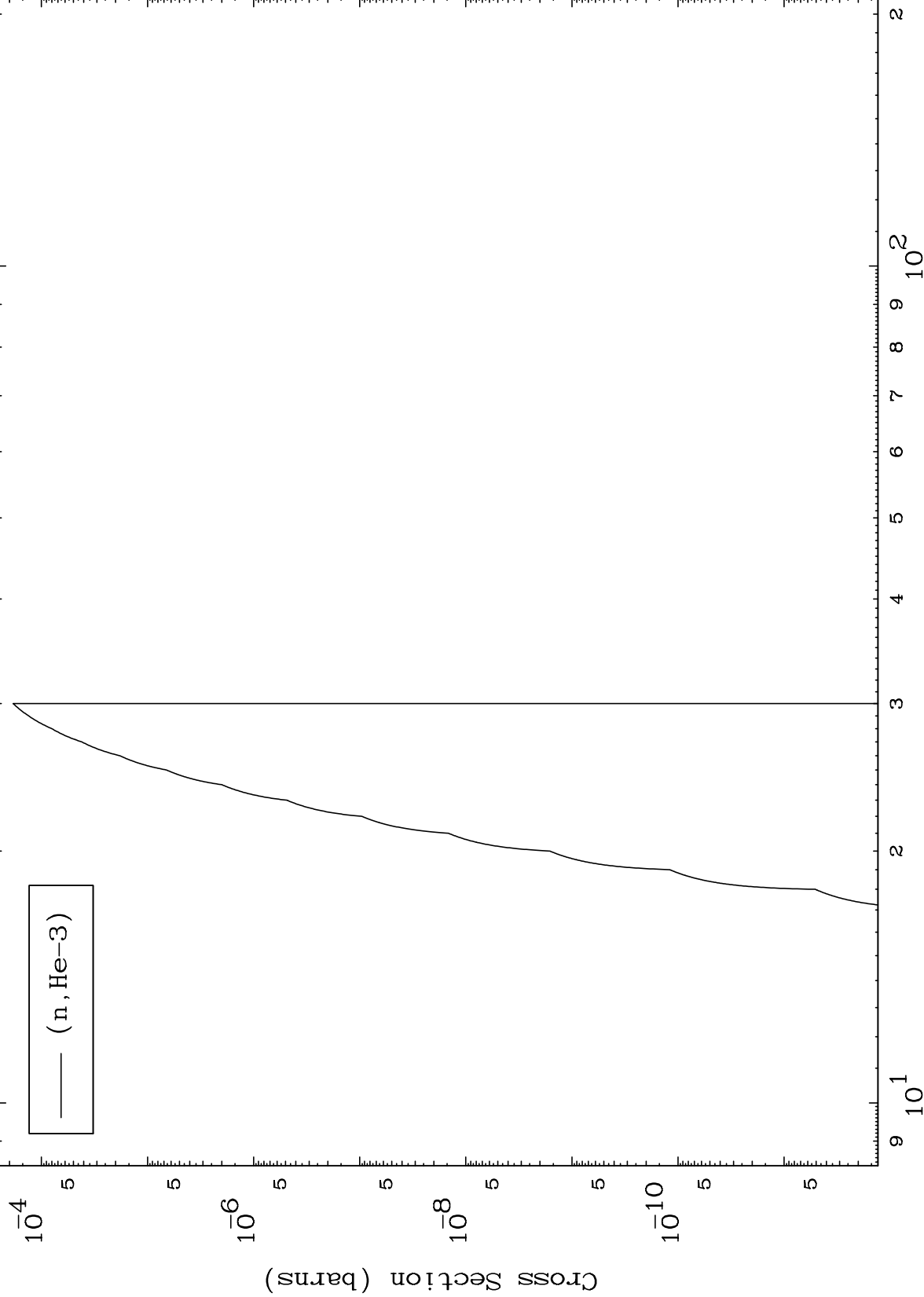
Incident Energy (MeV)

58-Ce-143

MAT 5846

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-143



13

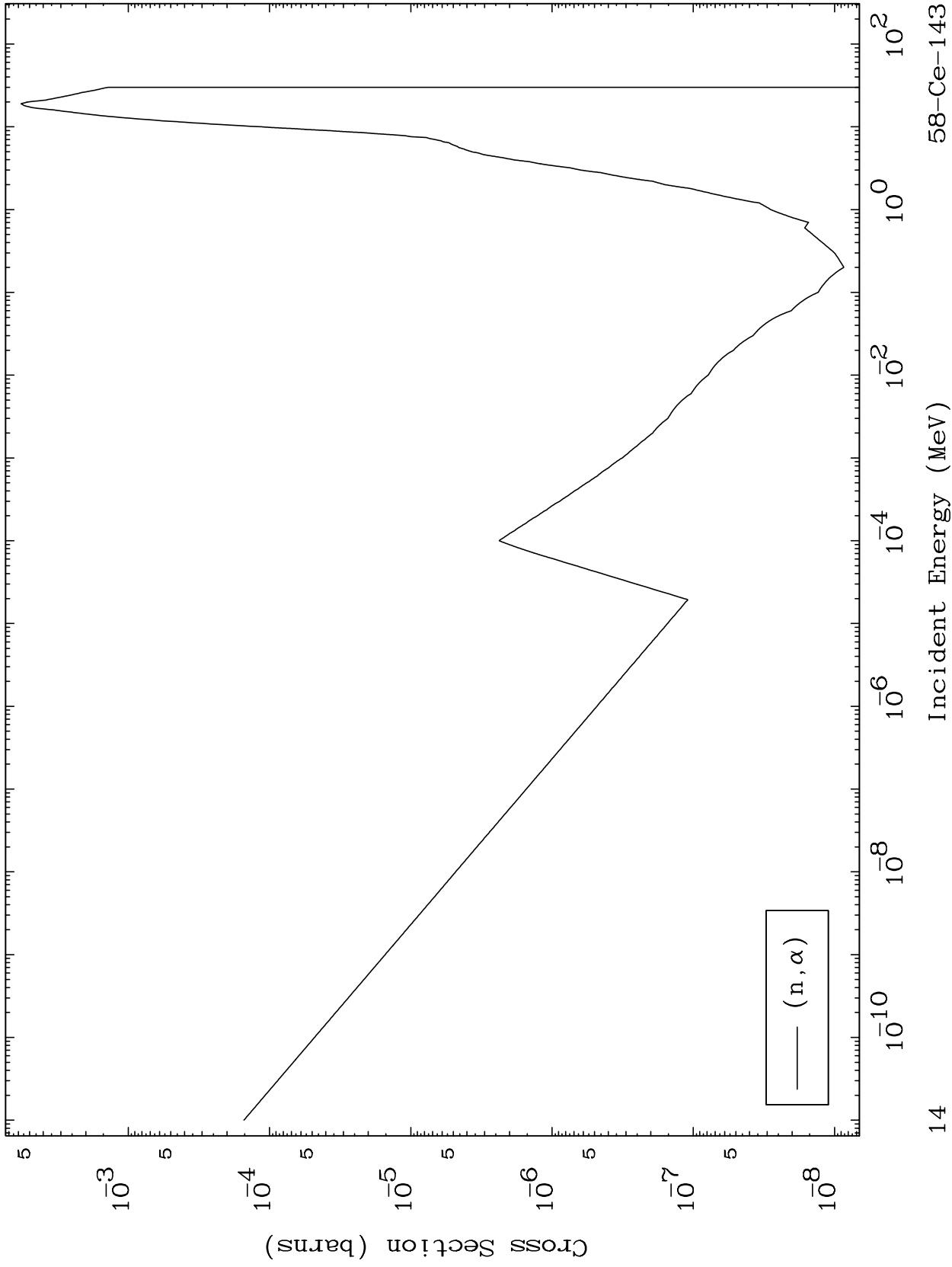
Incident Energy (MeV)

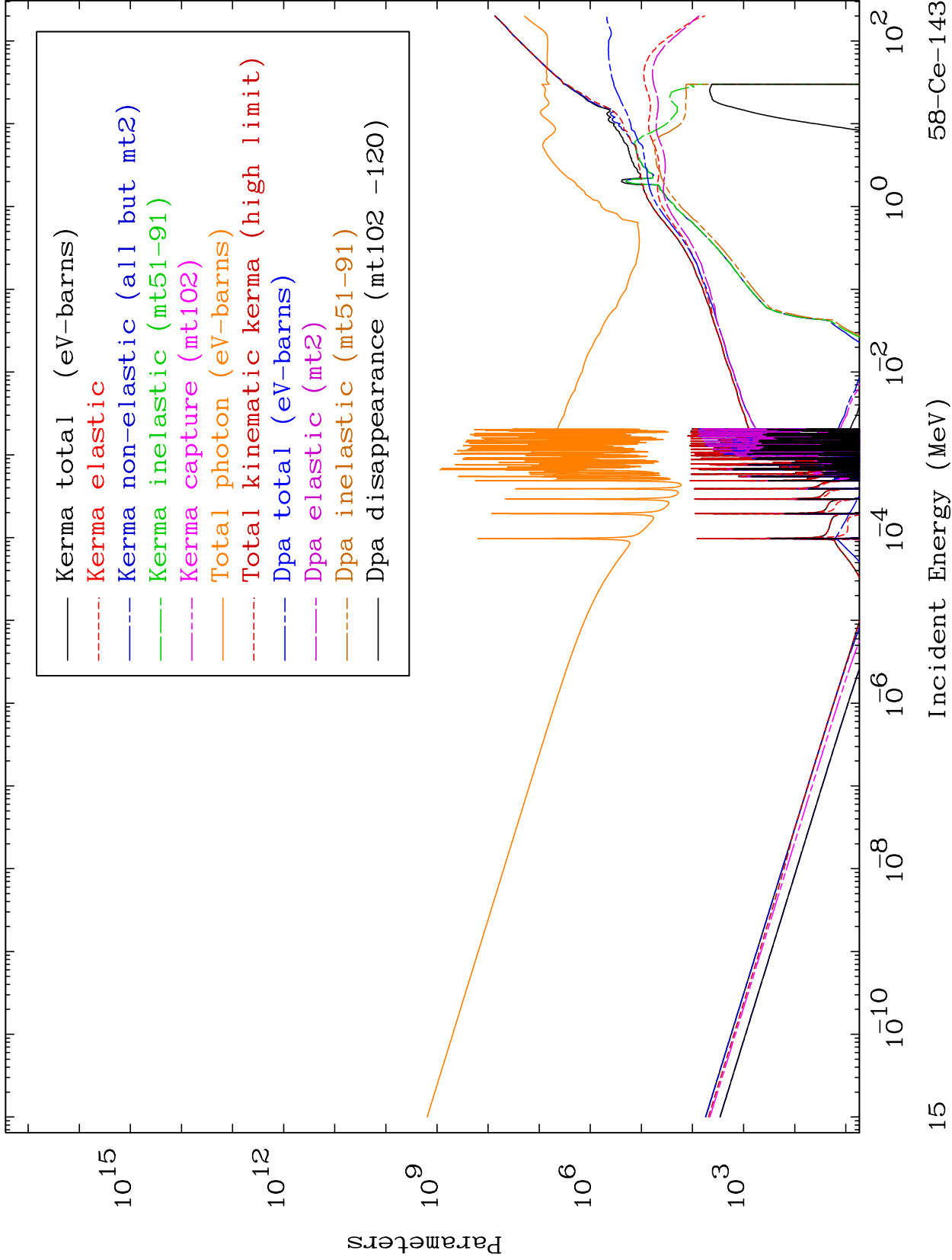
58-Ce-143

MAT 5846

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-143

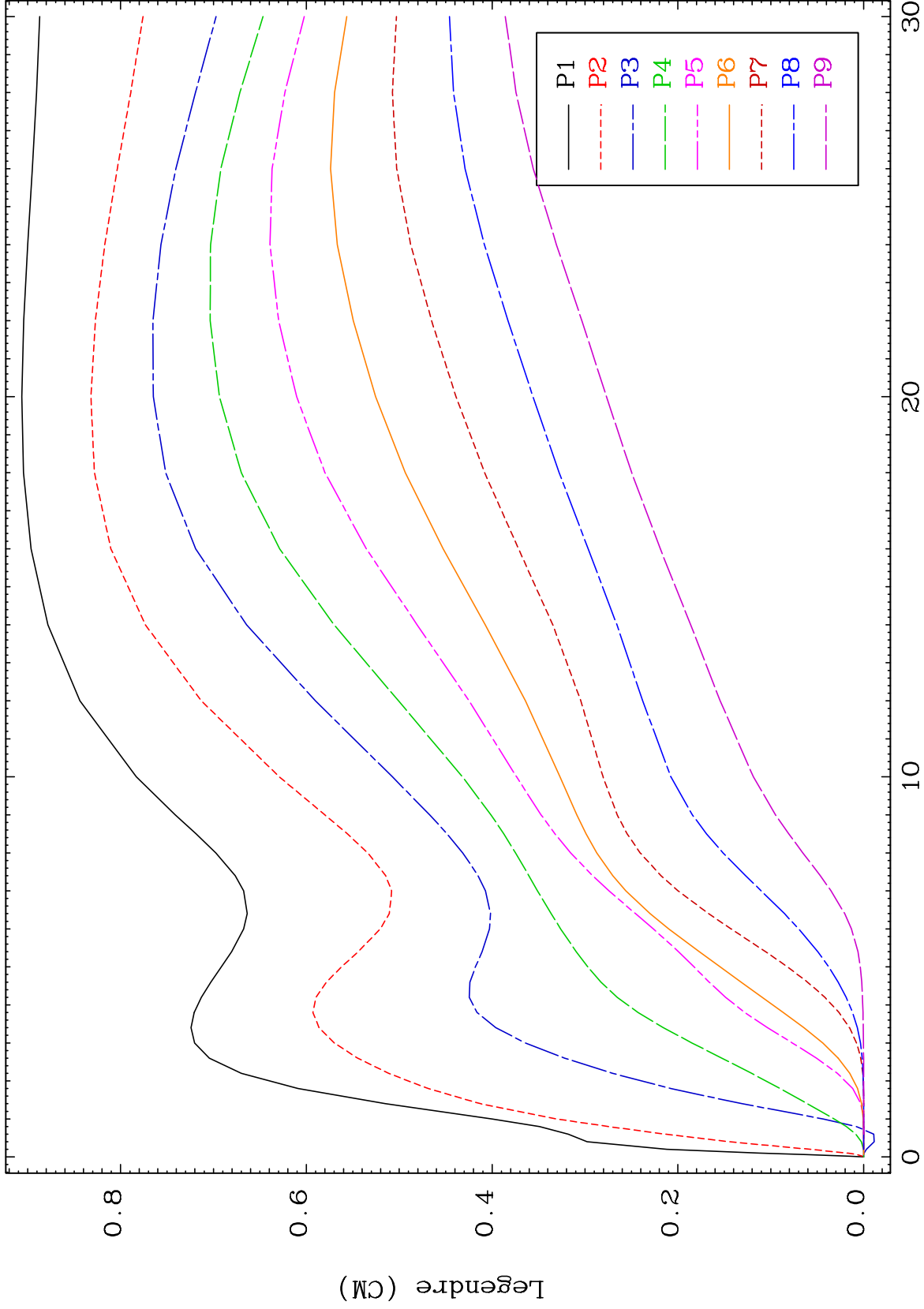




MAT 5846

Elastic Legendre Coefficients

58-Ce-143



16

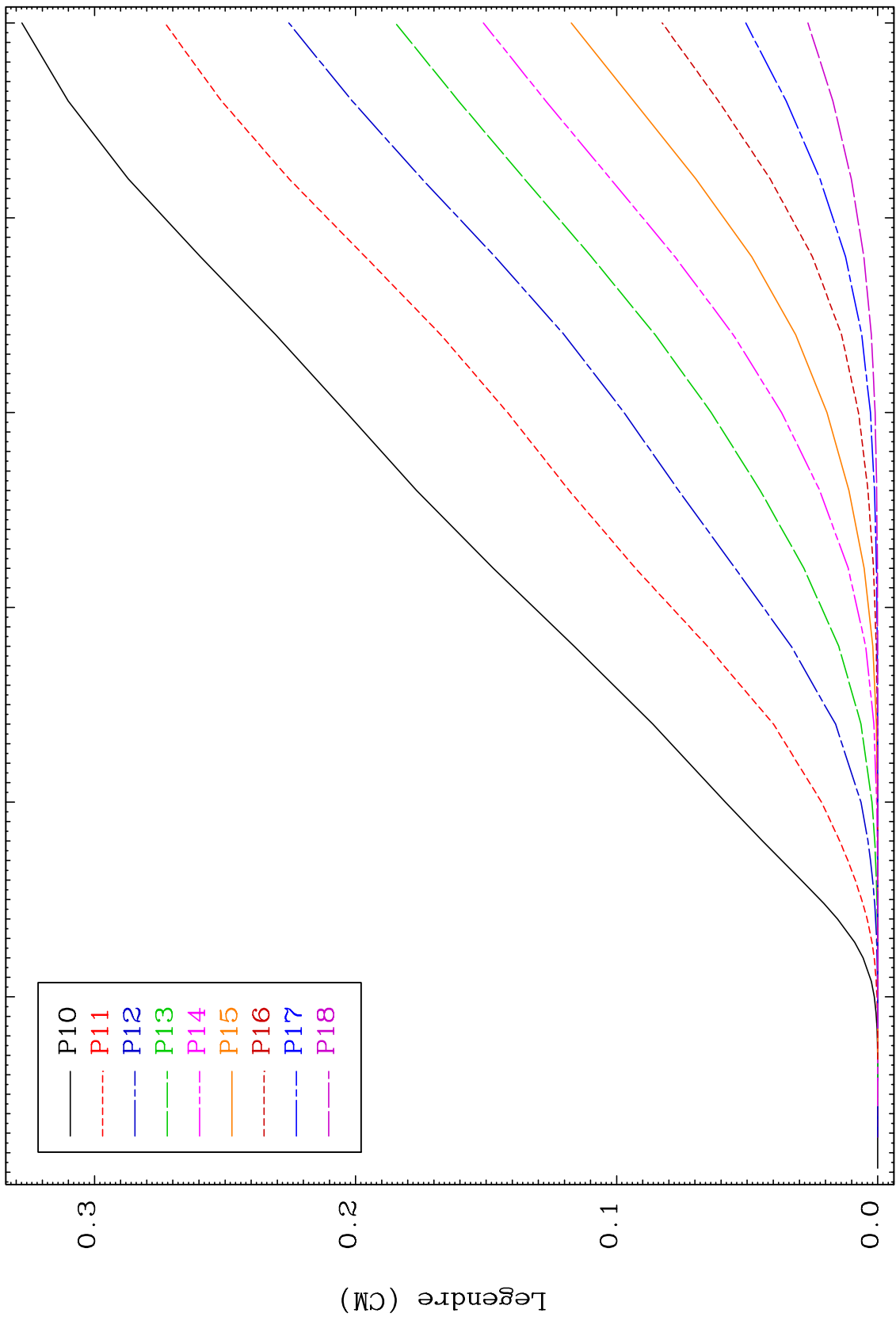
Incident Energy (MeV)

58-Ce-143

MAT 5846

Elastic Legendre Coefficients

58-Ce-143



17

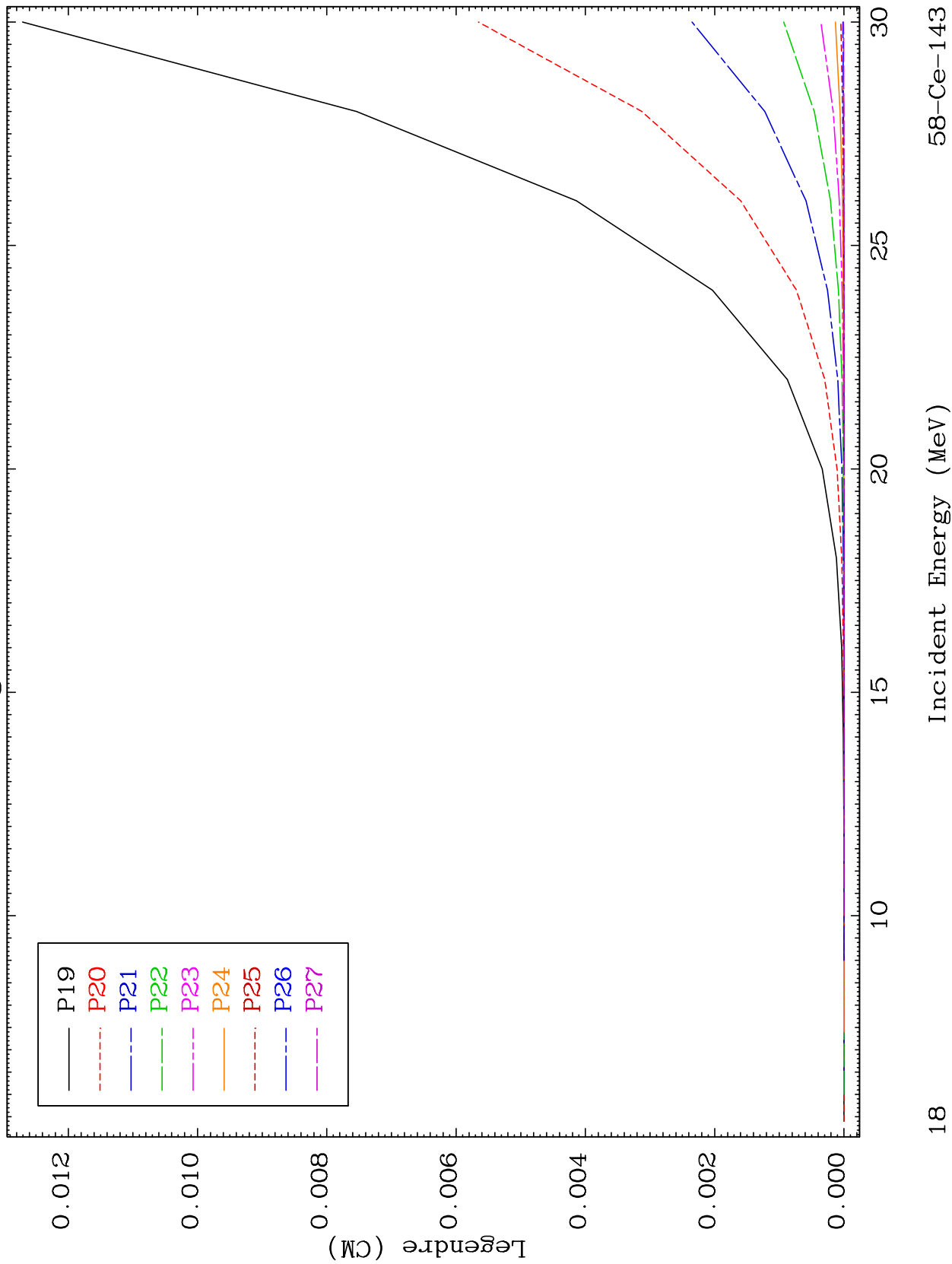
Incident Energy (MeV)

58-Ce-143

MAT 5846

Elastic Legendre Coefficients

58-Ce-143



18

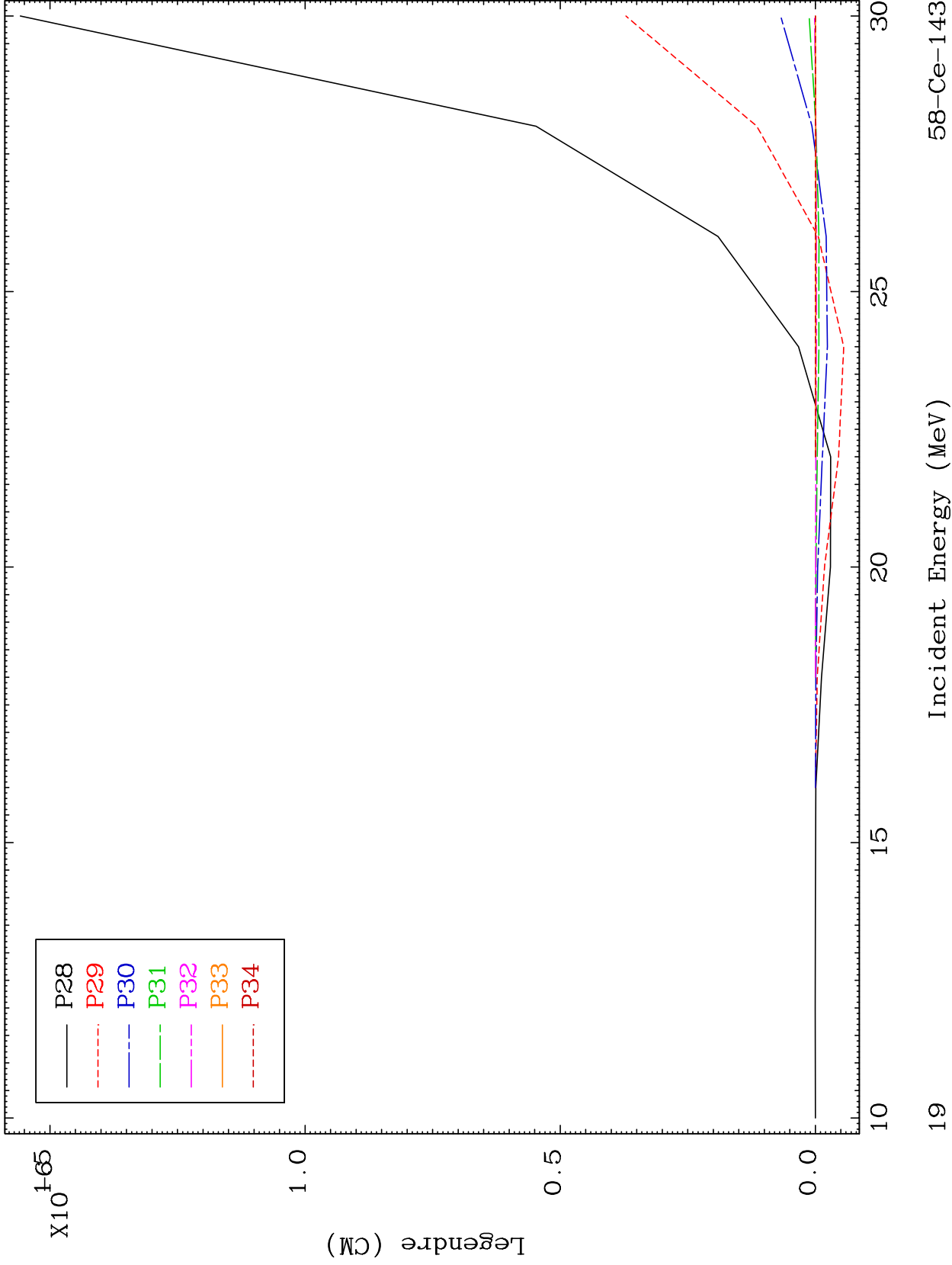
Incident Energy (MeV)

58-Ce-143

MAT 5846

Elastic
Legendre Coefficients

58-Ce-143



19

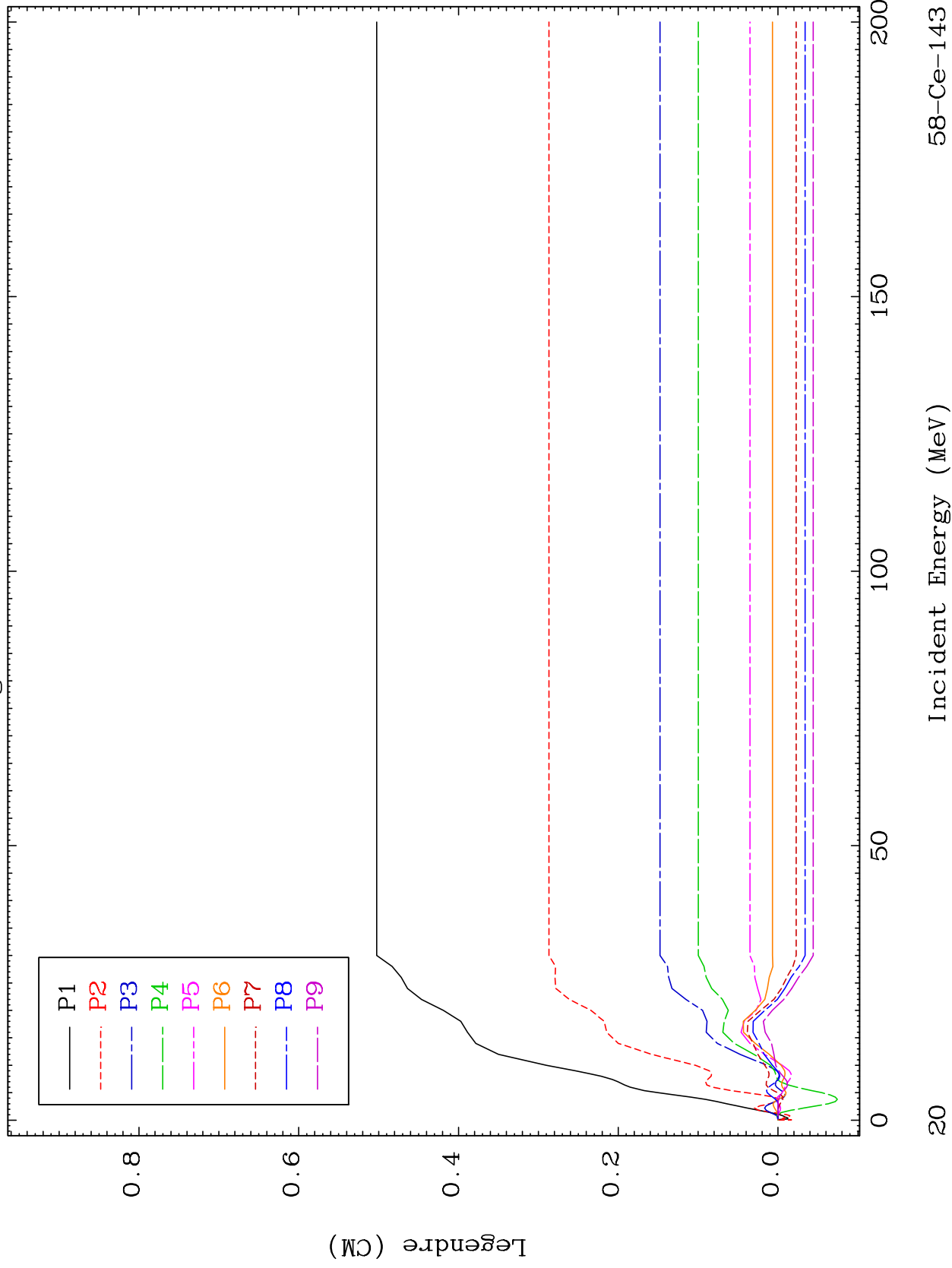
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



58-Ce-143

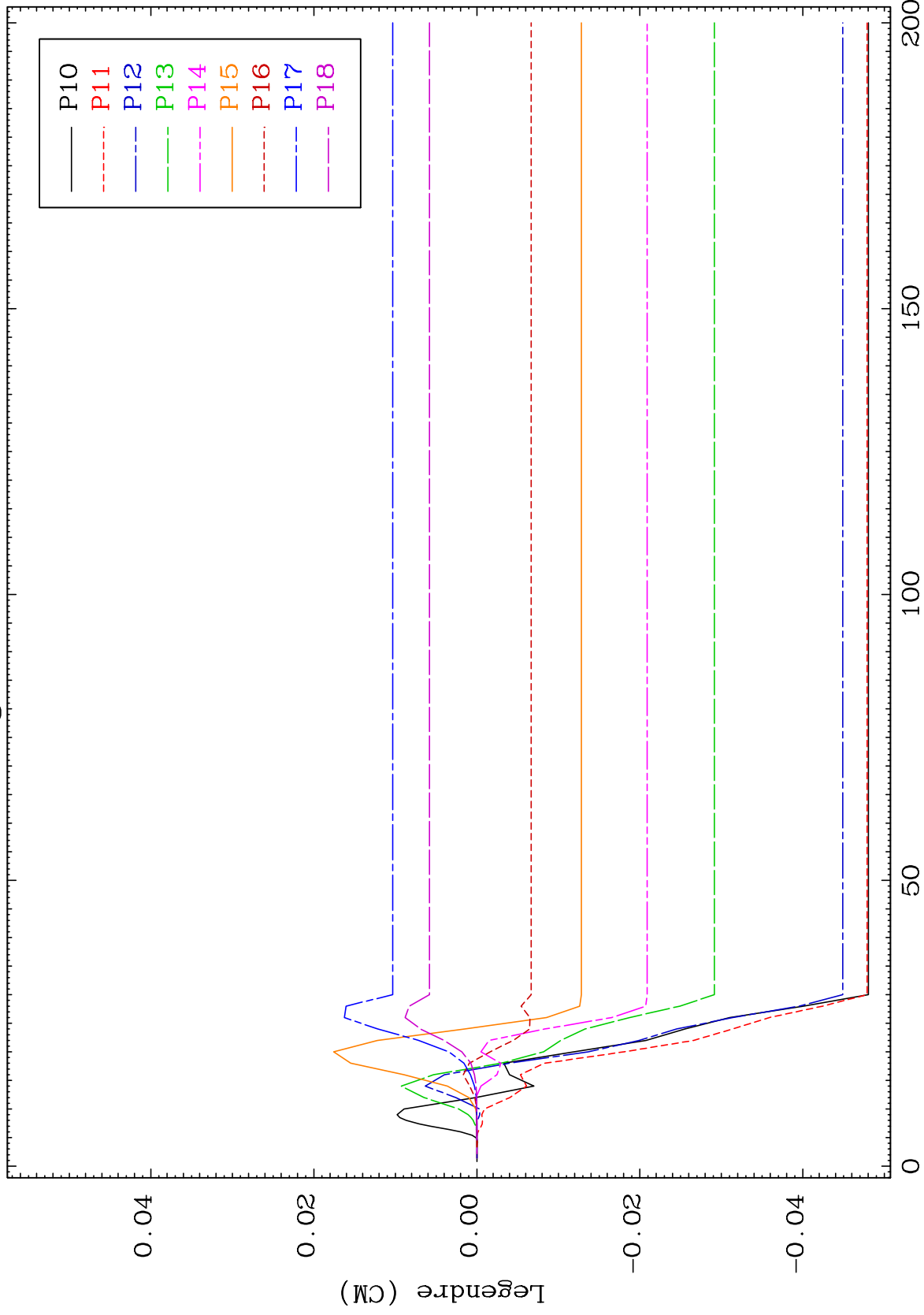
Incident Energy (MeV)

20

MAT 5846

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

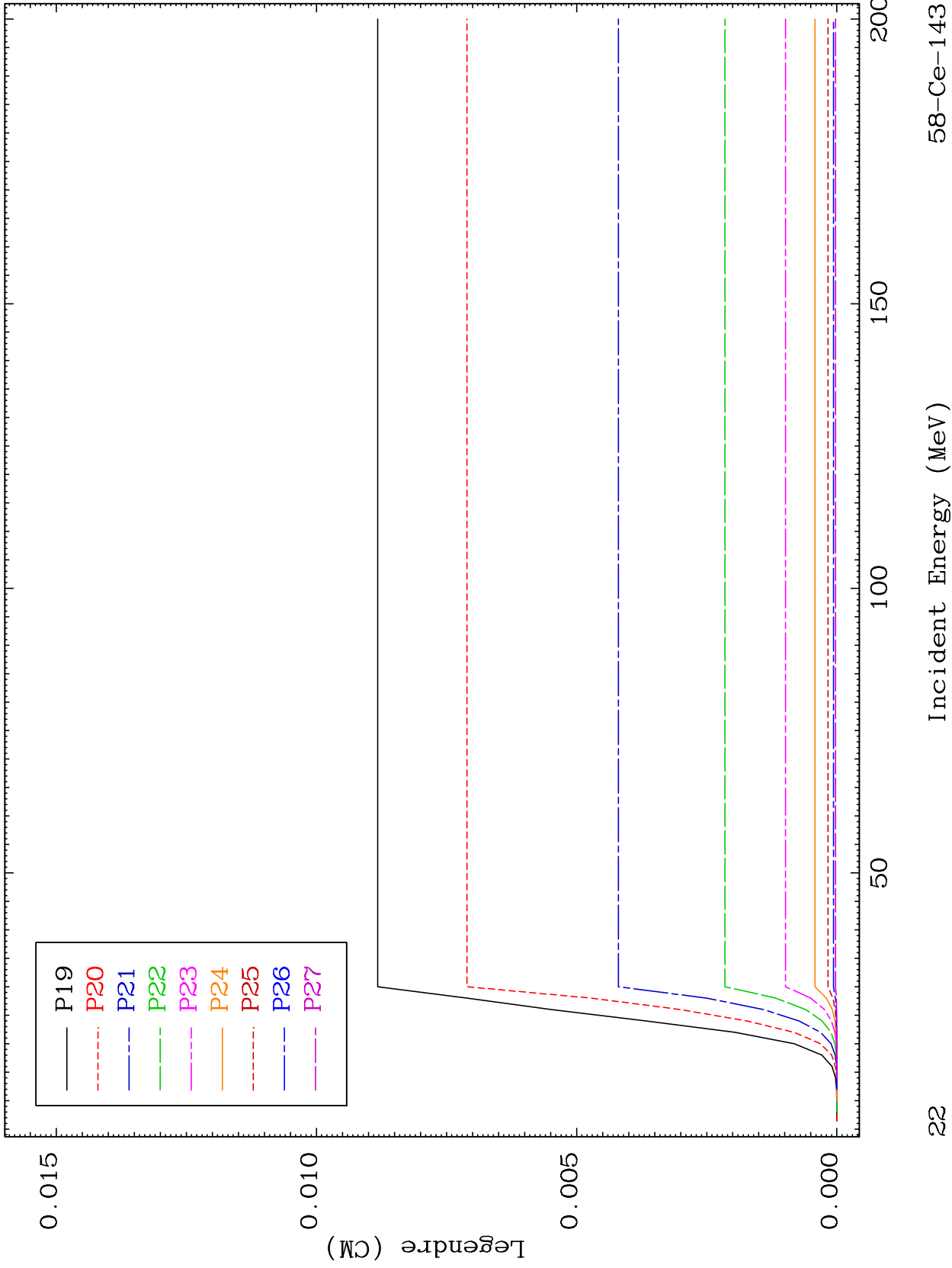
58-Ce-143



21

Incident Energy (MeV)

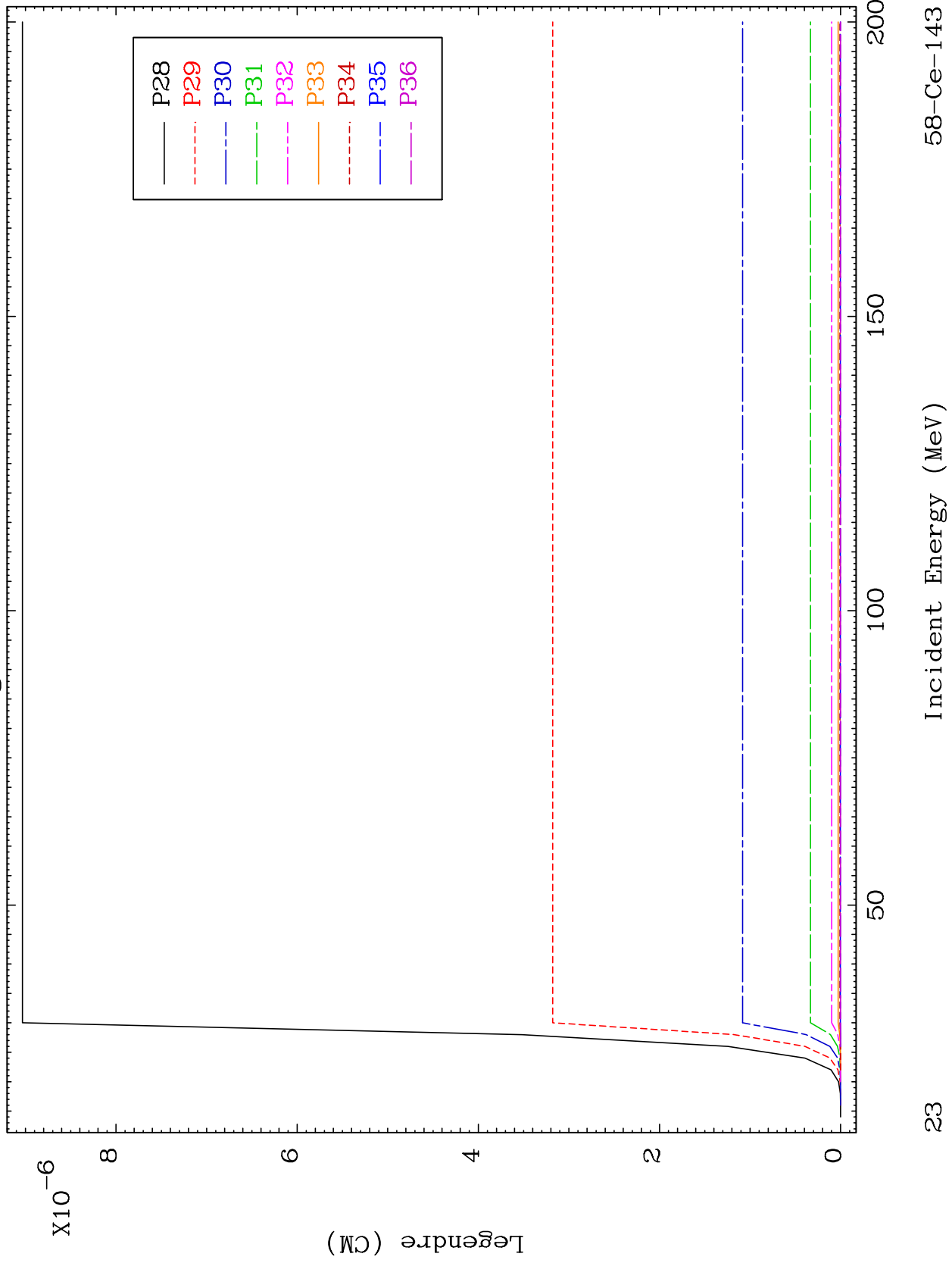
58-Ce-143



MAT 5846

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

58-Ce-143

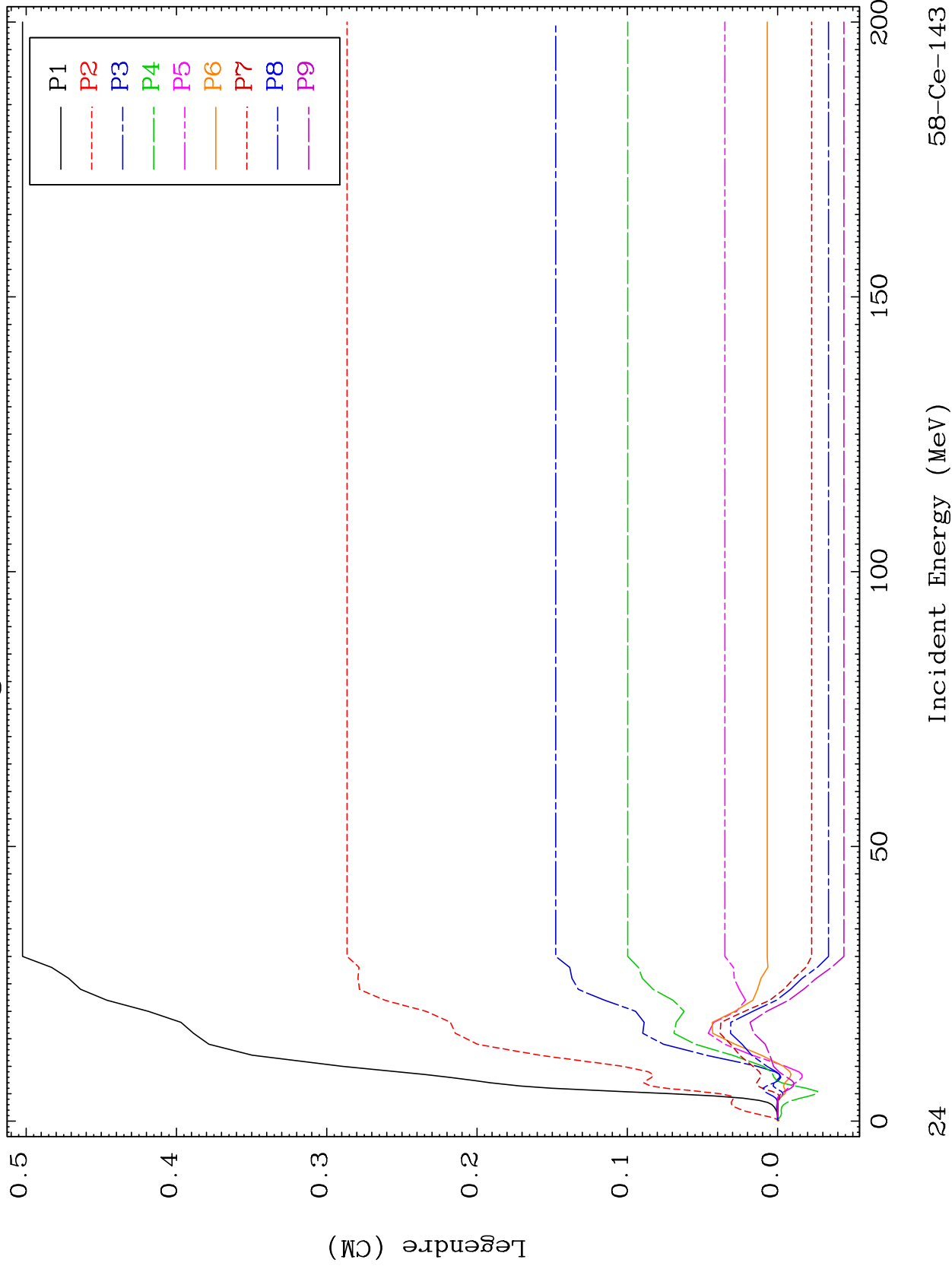


23

MAT 5846

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

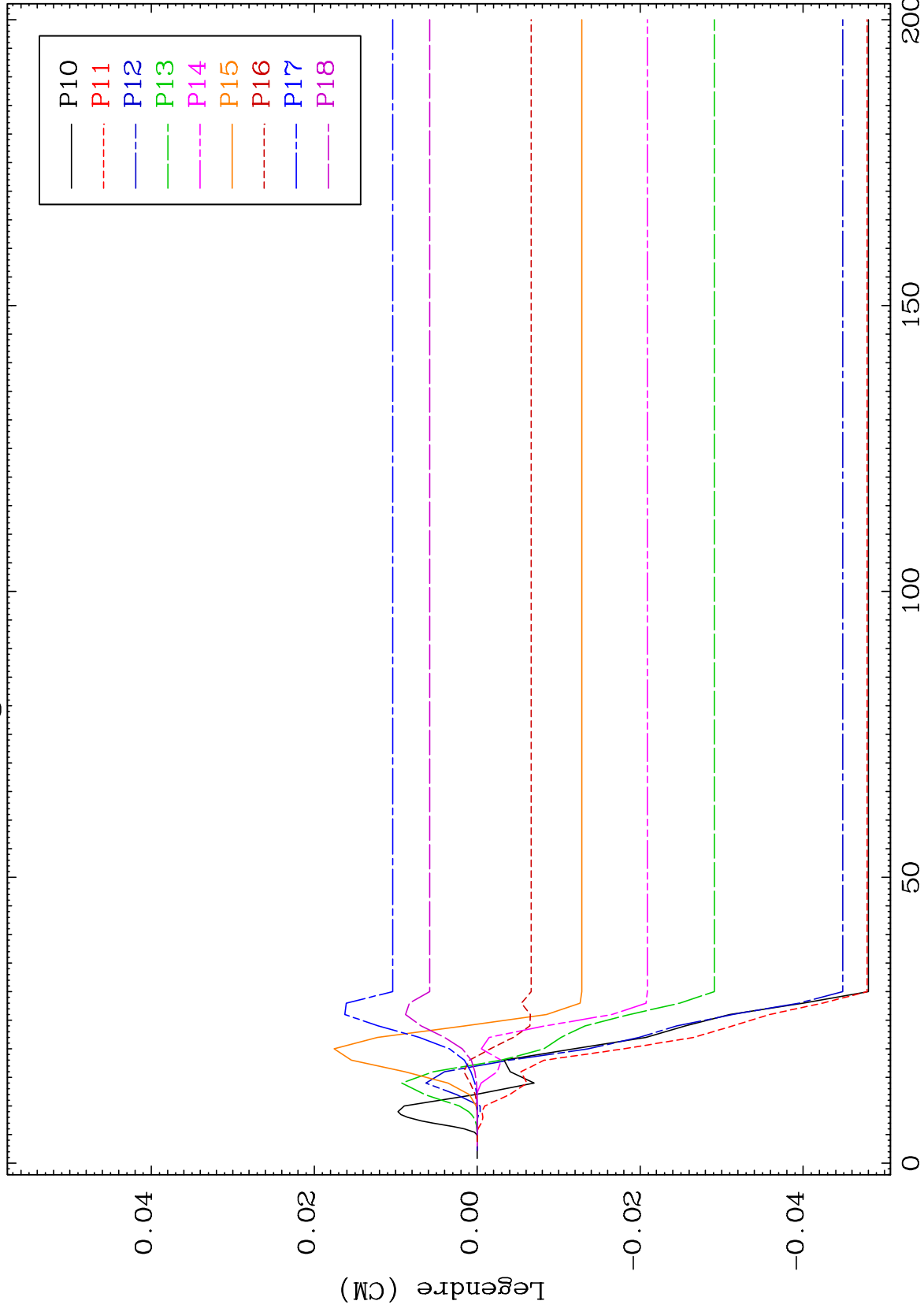
58-Ce-143



MAT 5846

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

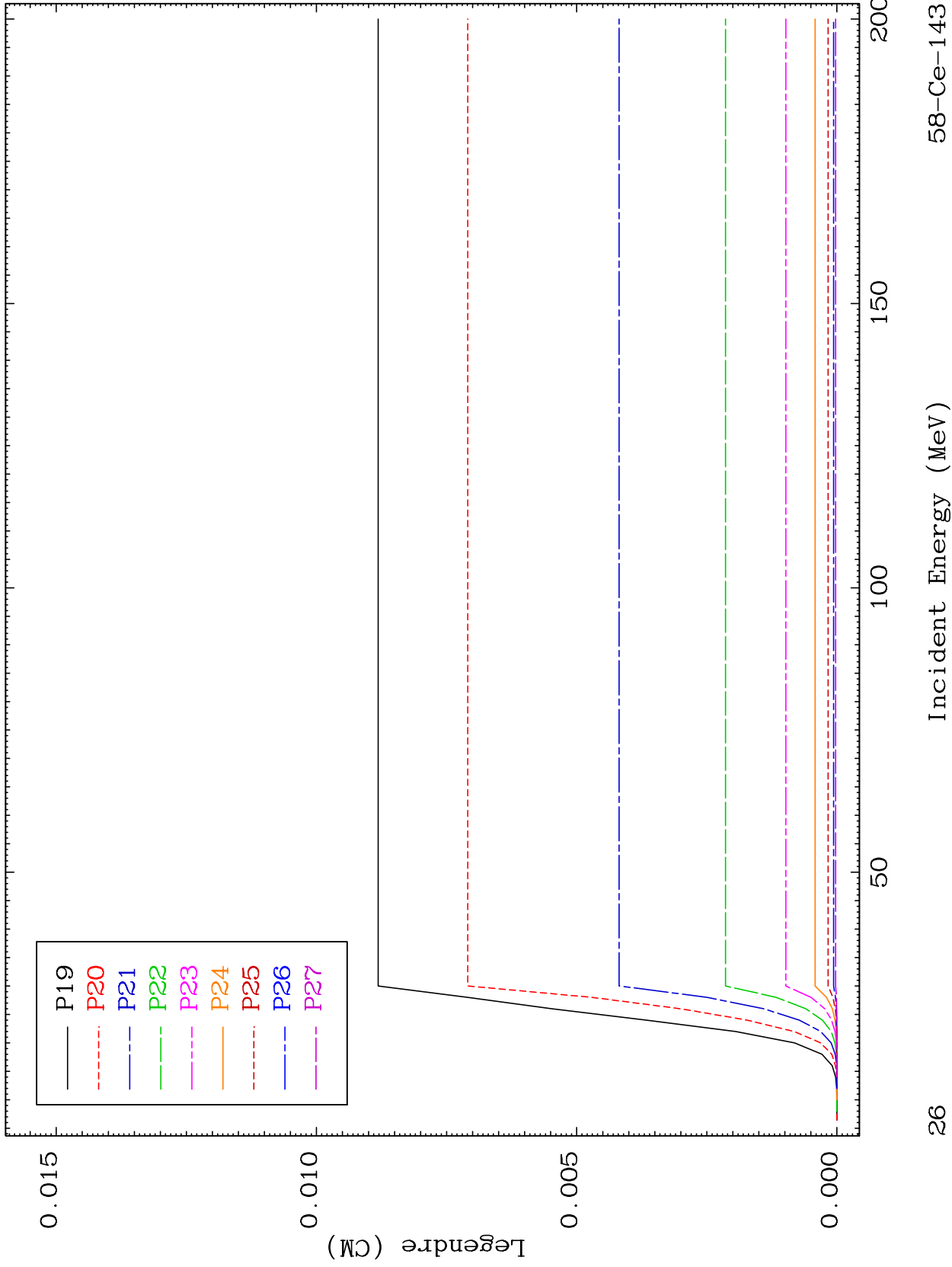
58-Ce-143



58-Ce-143

Incident Energy (MeV)

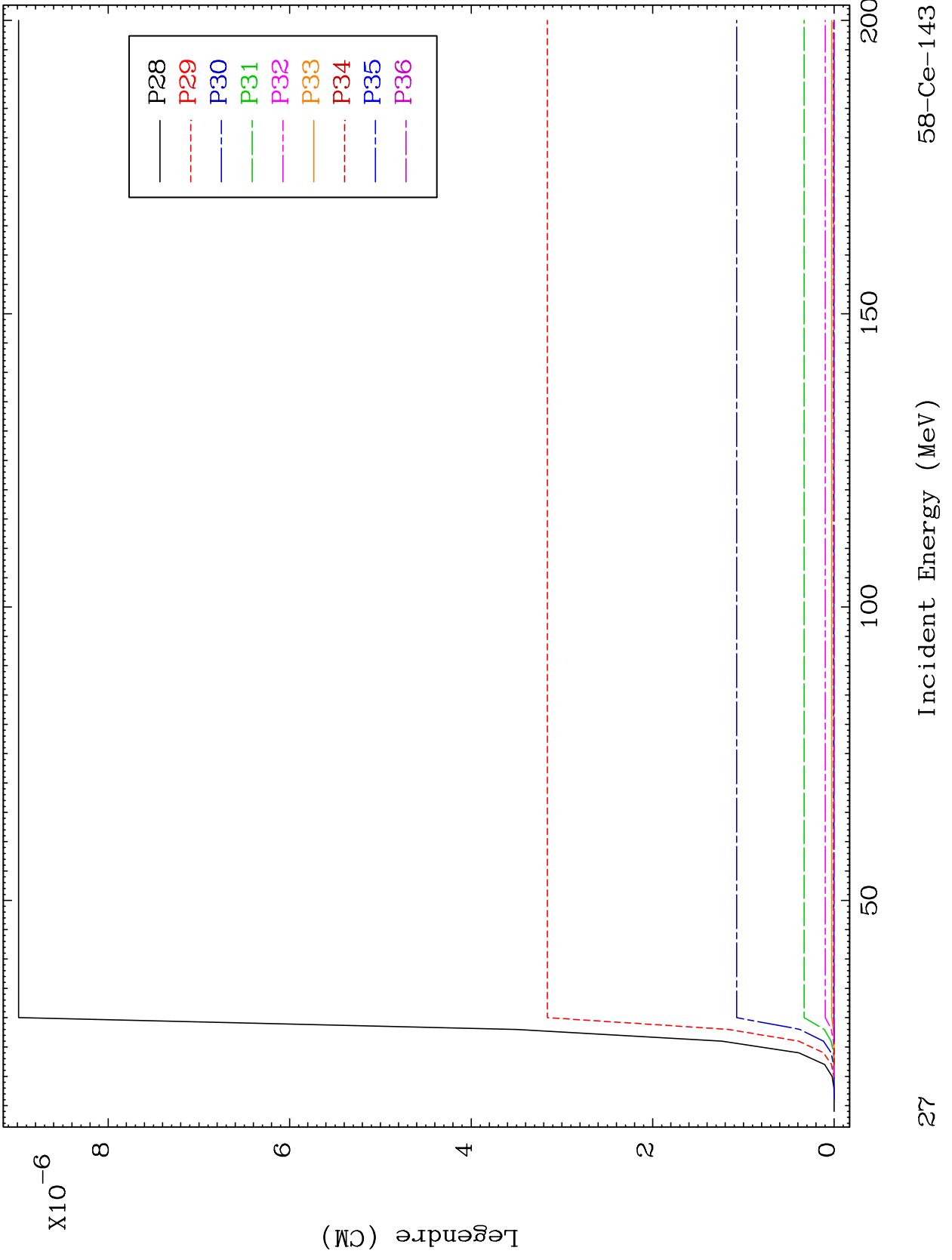
25



MAT 5846

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

58-Ce-143

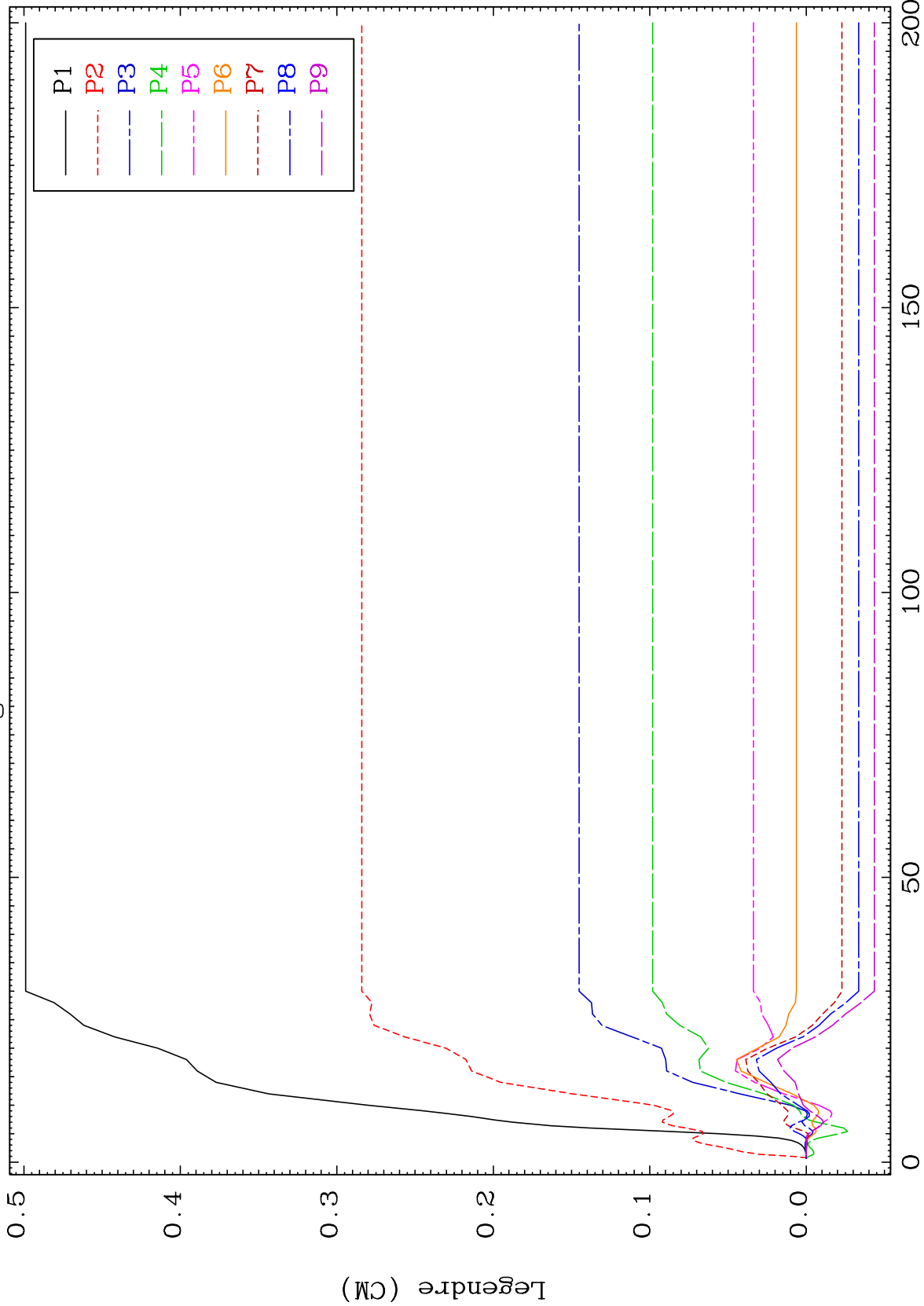


MAT 5846

MT= 53 (n,n') Level

58-Ce-143

Legendre Coefficients



28

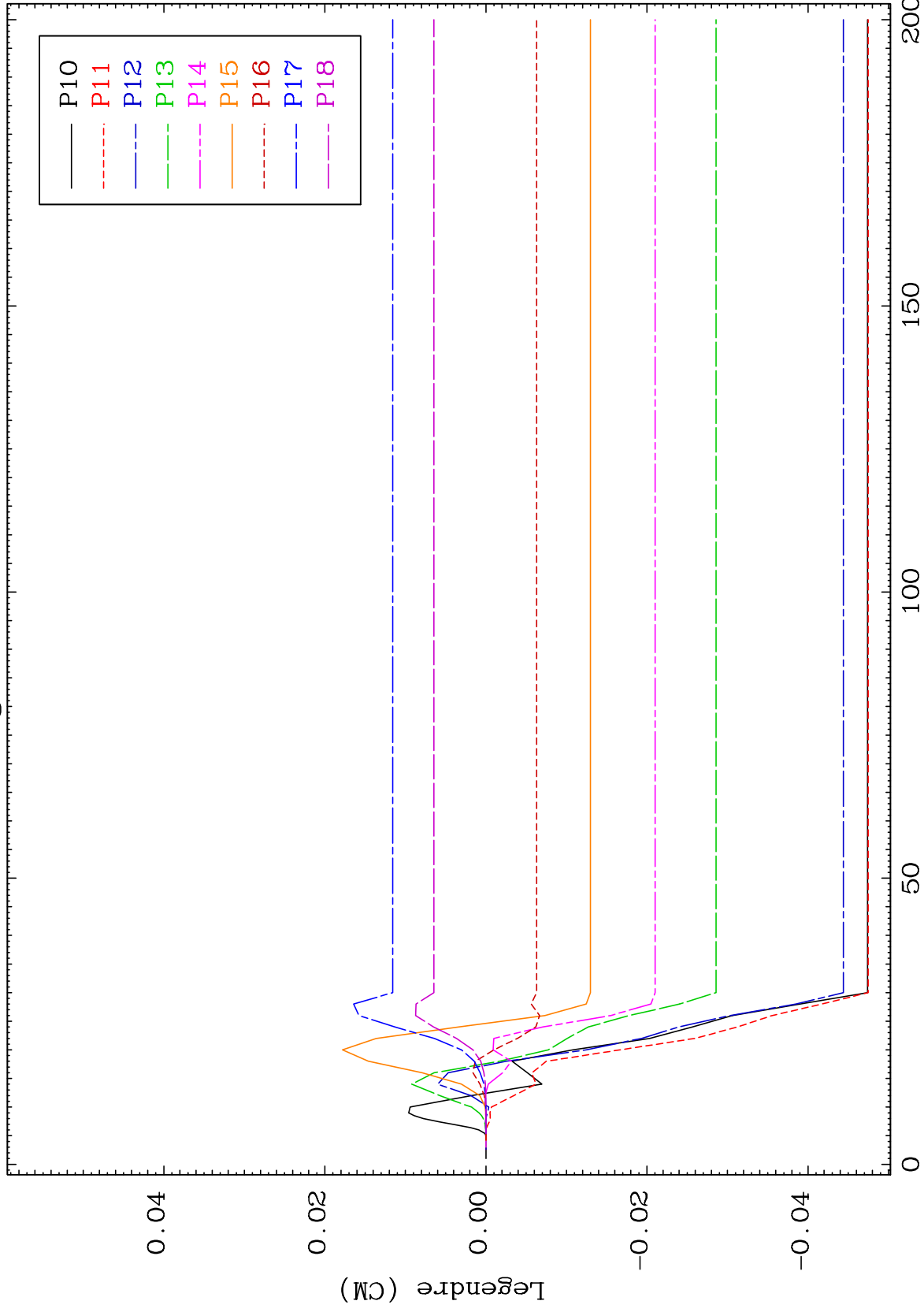
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



29

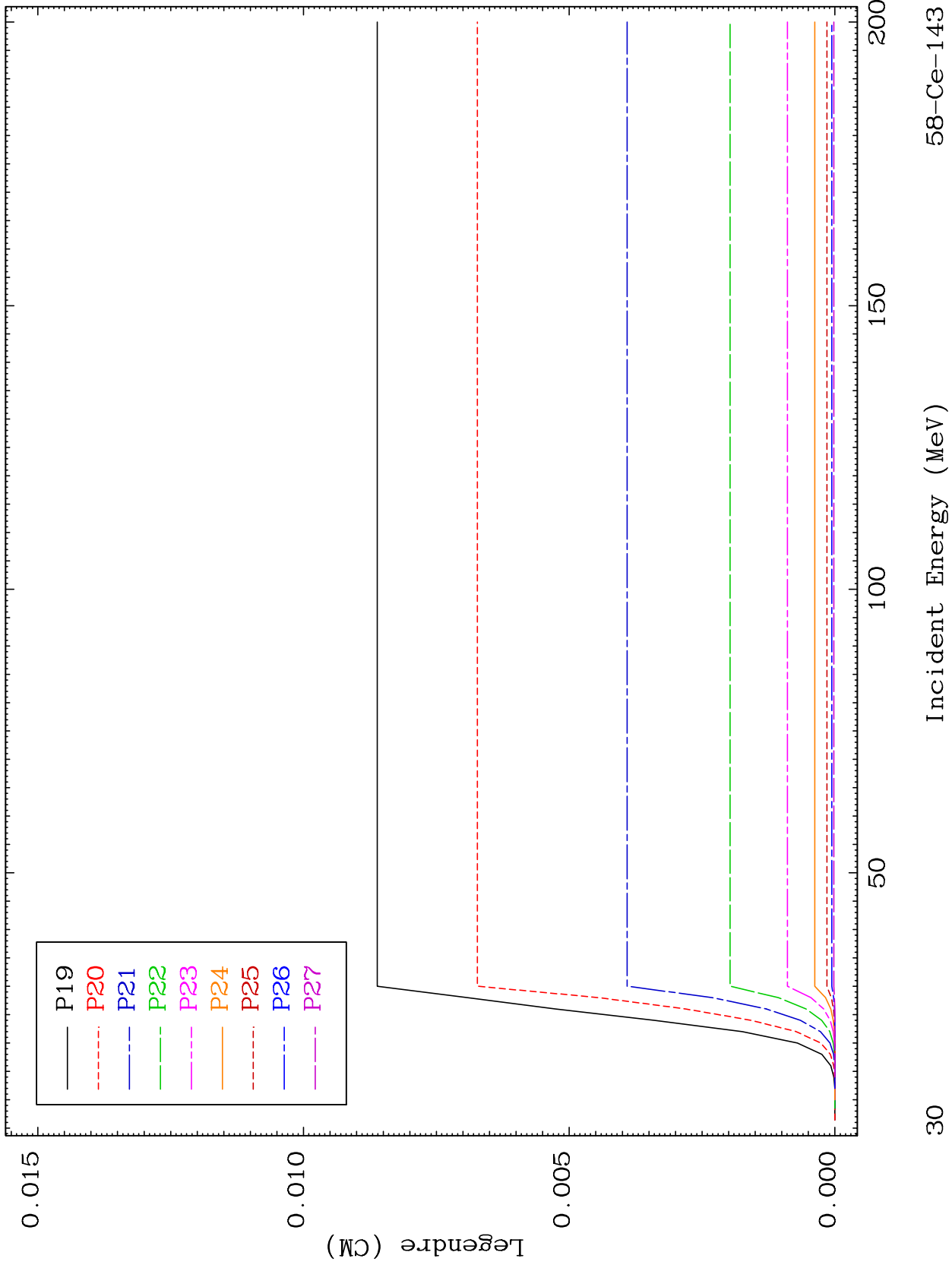
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



58-Ce-143

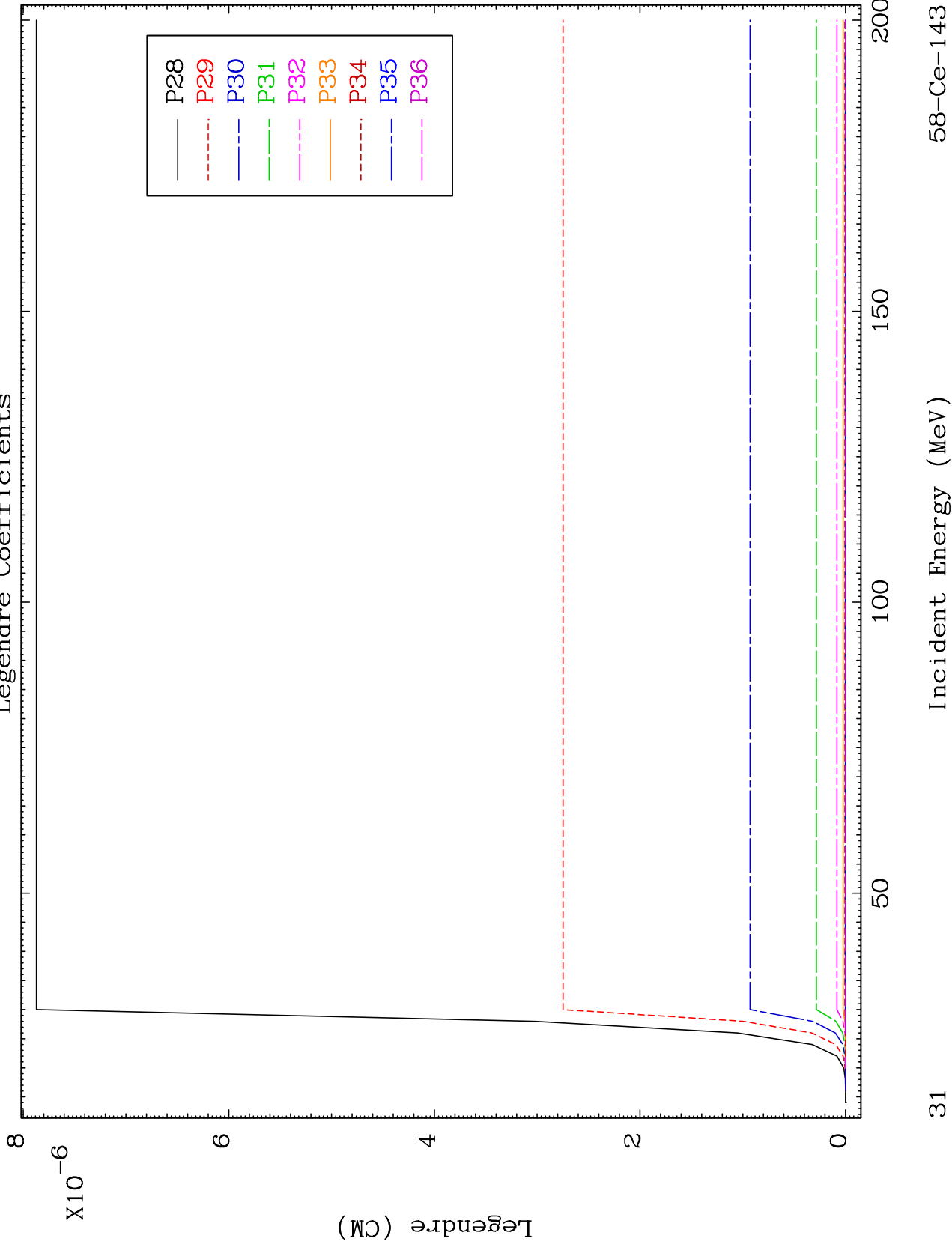
Incident Energy (MeV)

30

MAT 5846

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

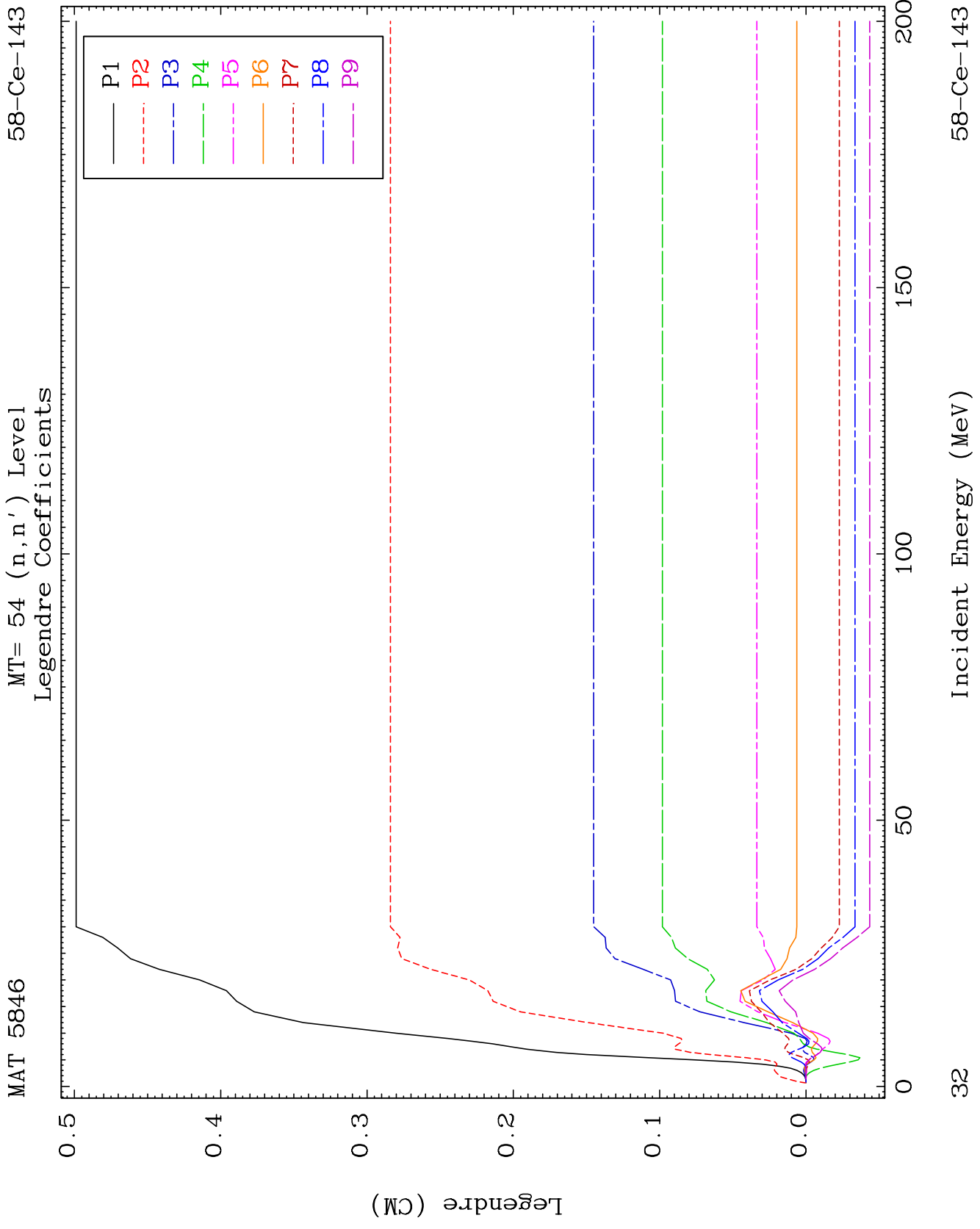
58-Ce-143



31

Incident Energy (MeV)

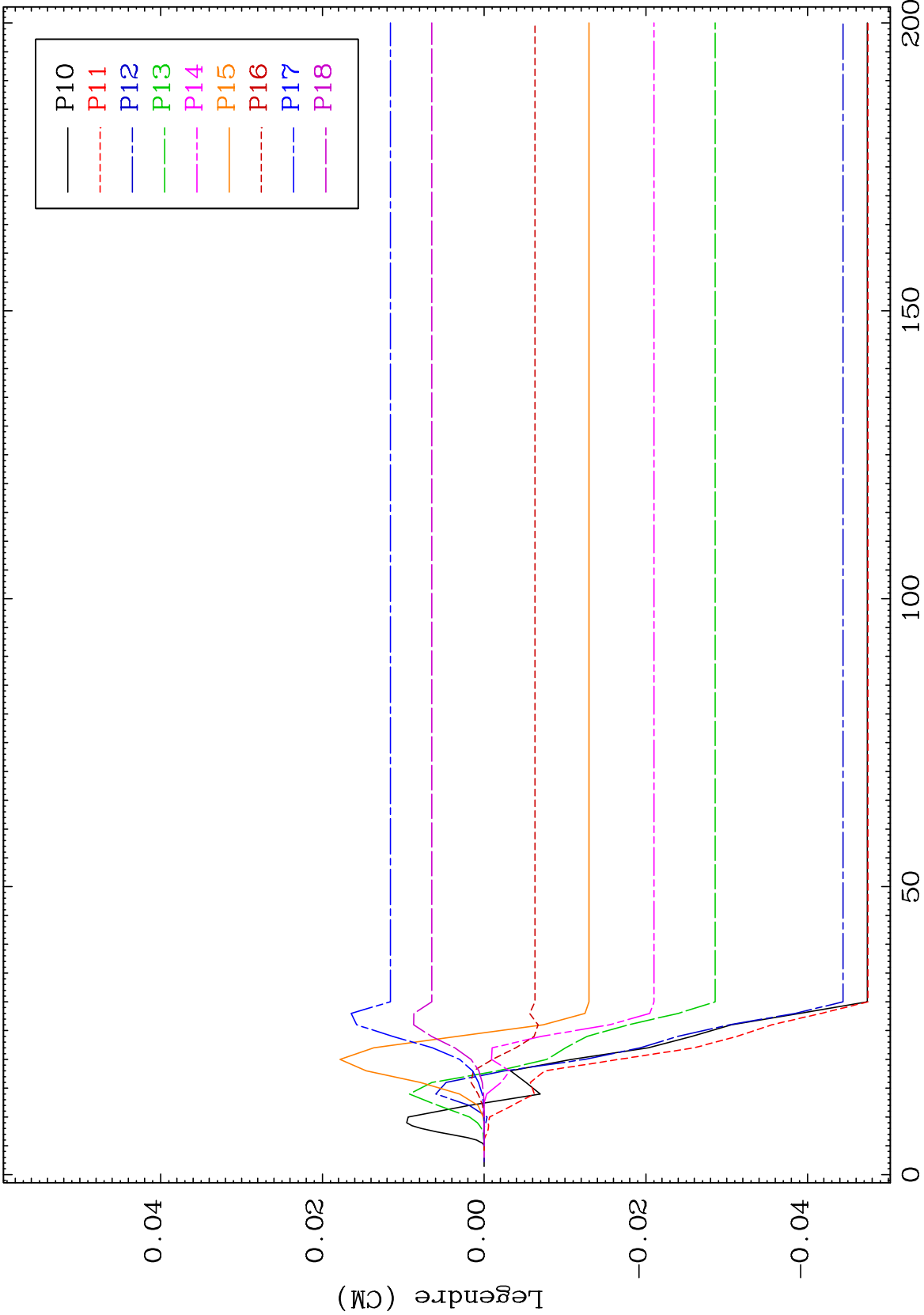
58-Ce-143



MAT 5846

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

58-Ce-143



33

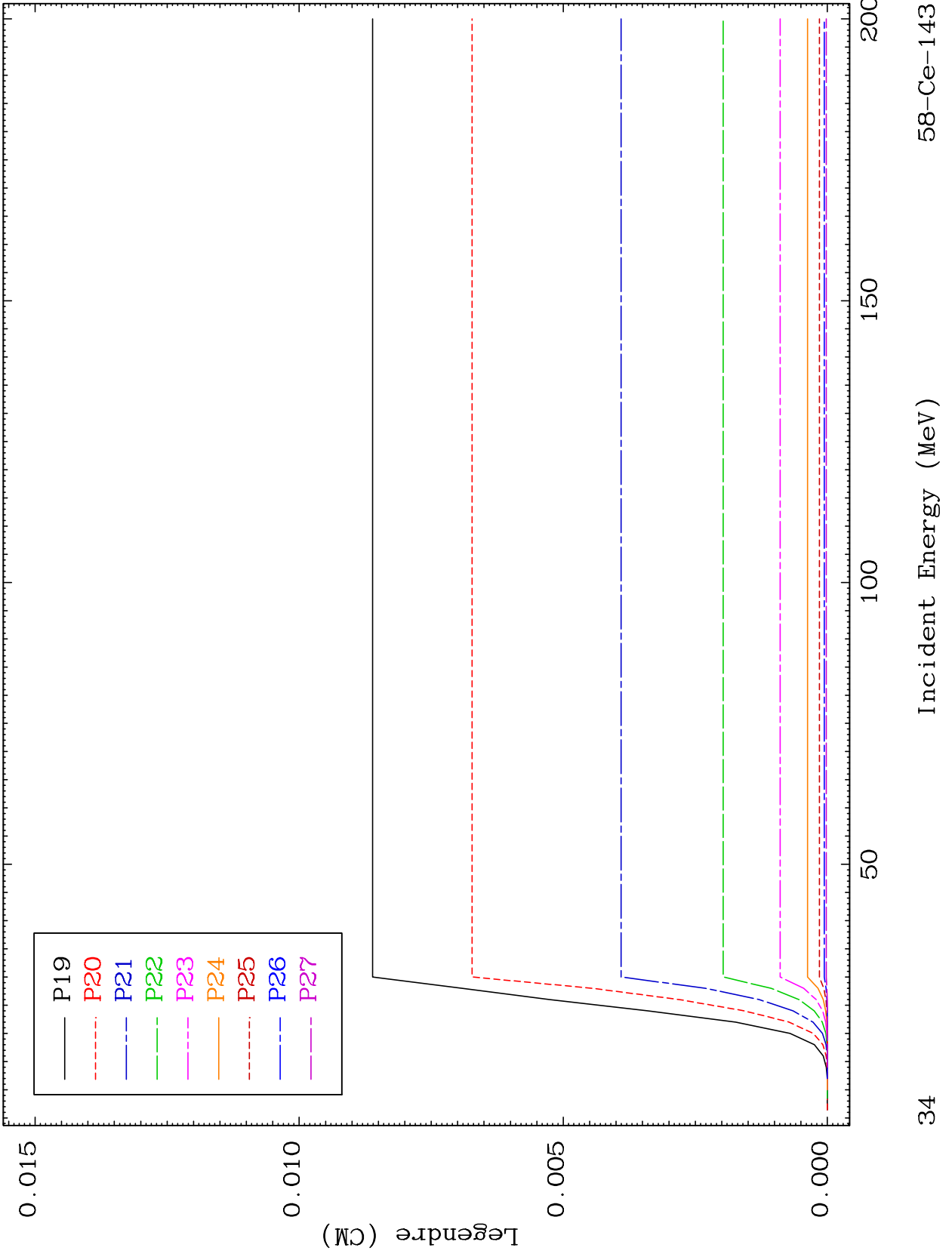
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



34

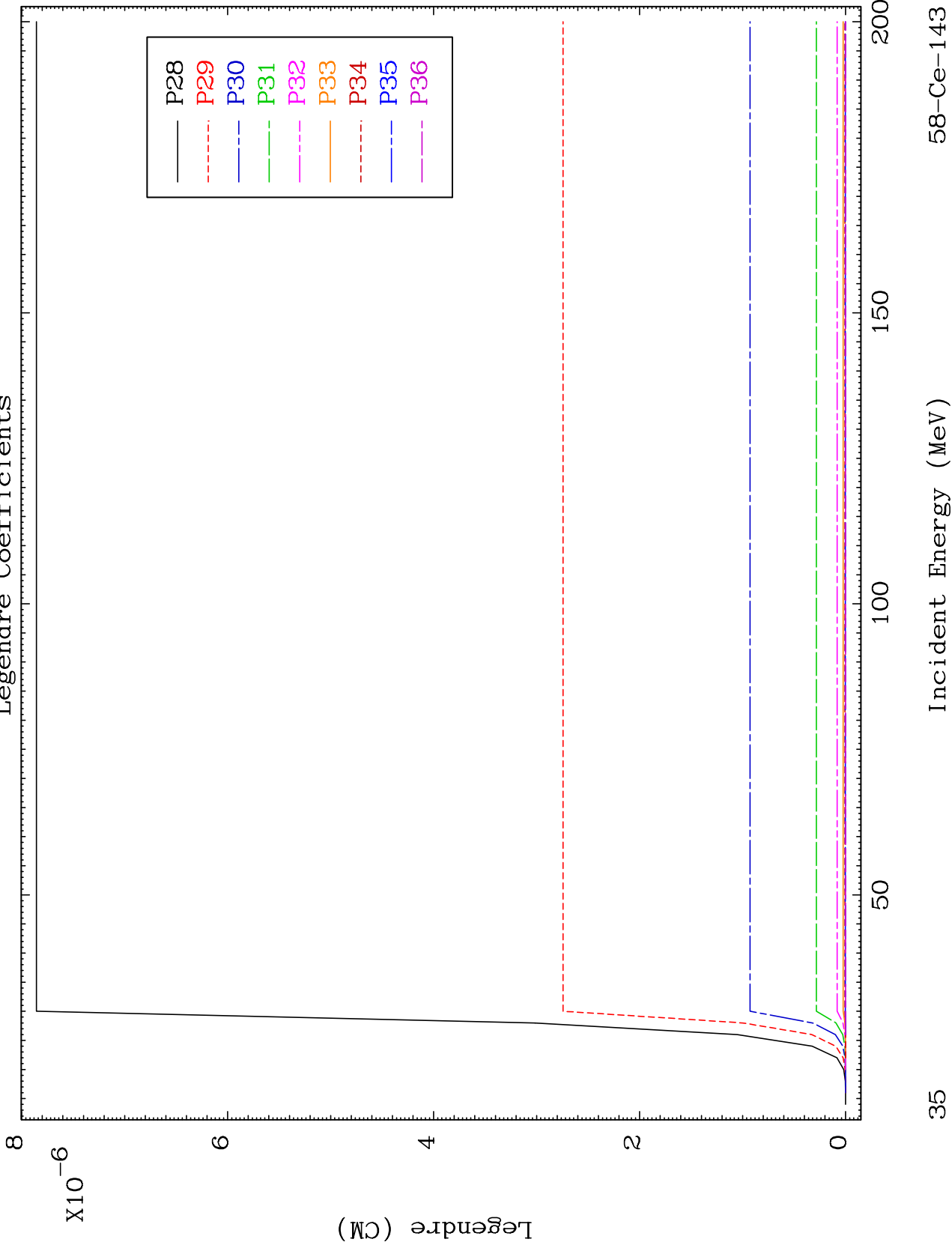
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

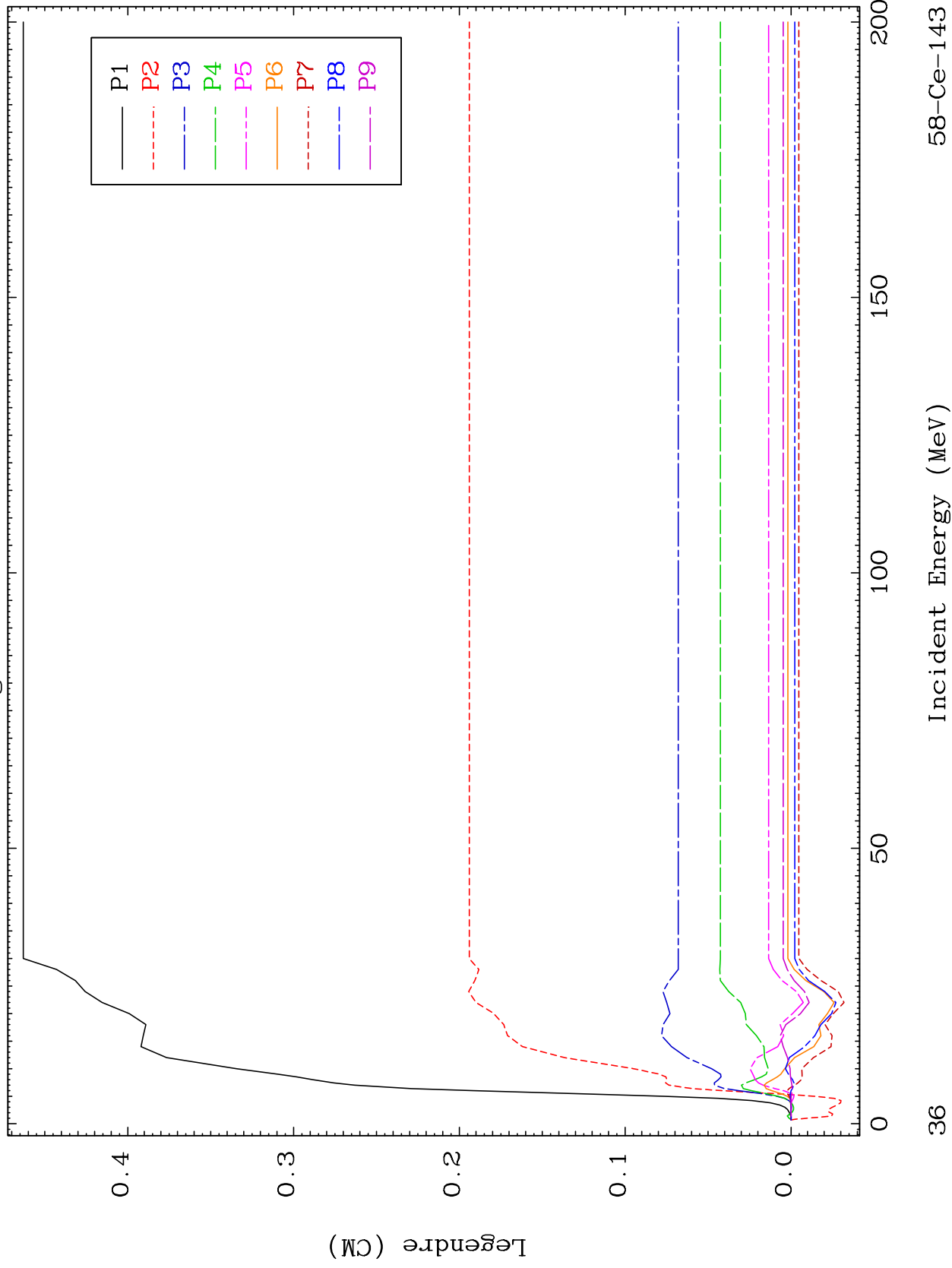
58-Ce-143



MAT 5846

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

58-Ce-143



58-Ce-143

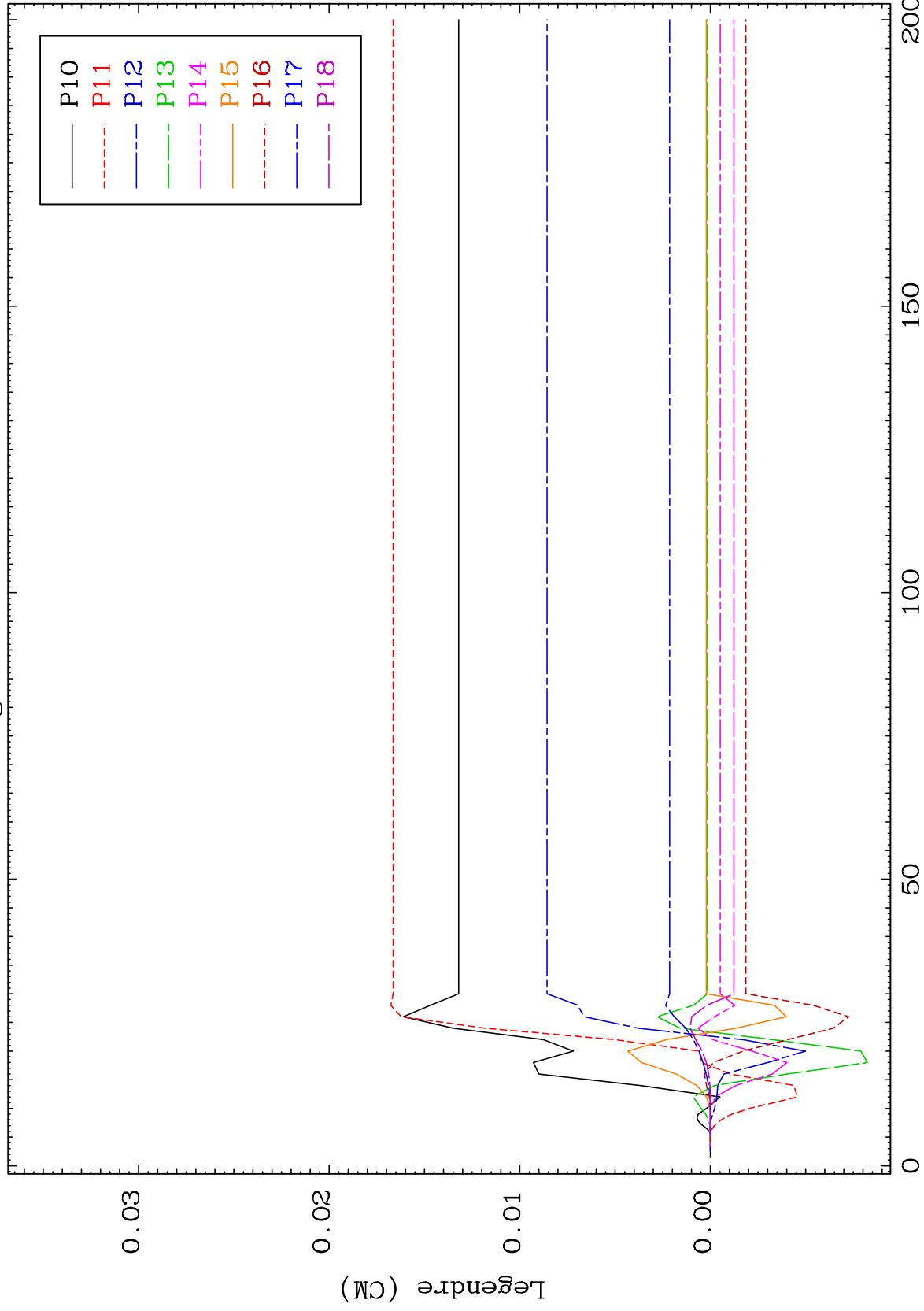
Incident Energy (MeV)

36

MAT 5846

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

58-Ce-143



37

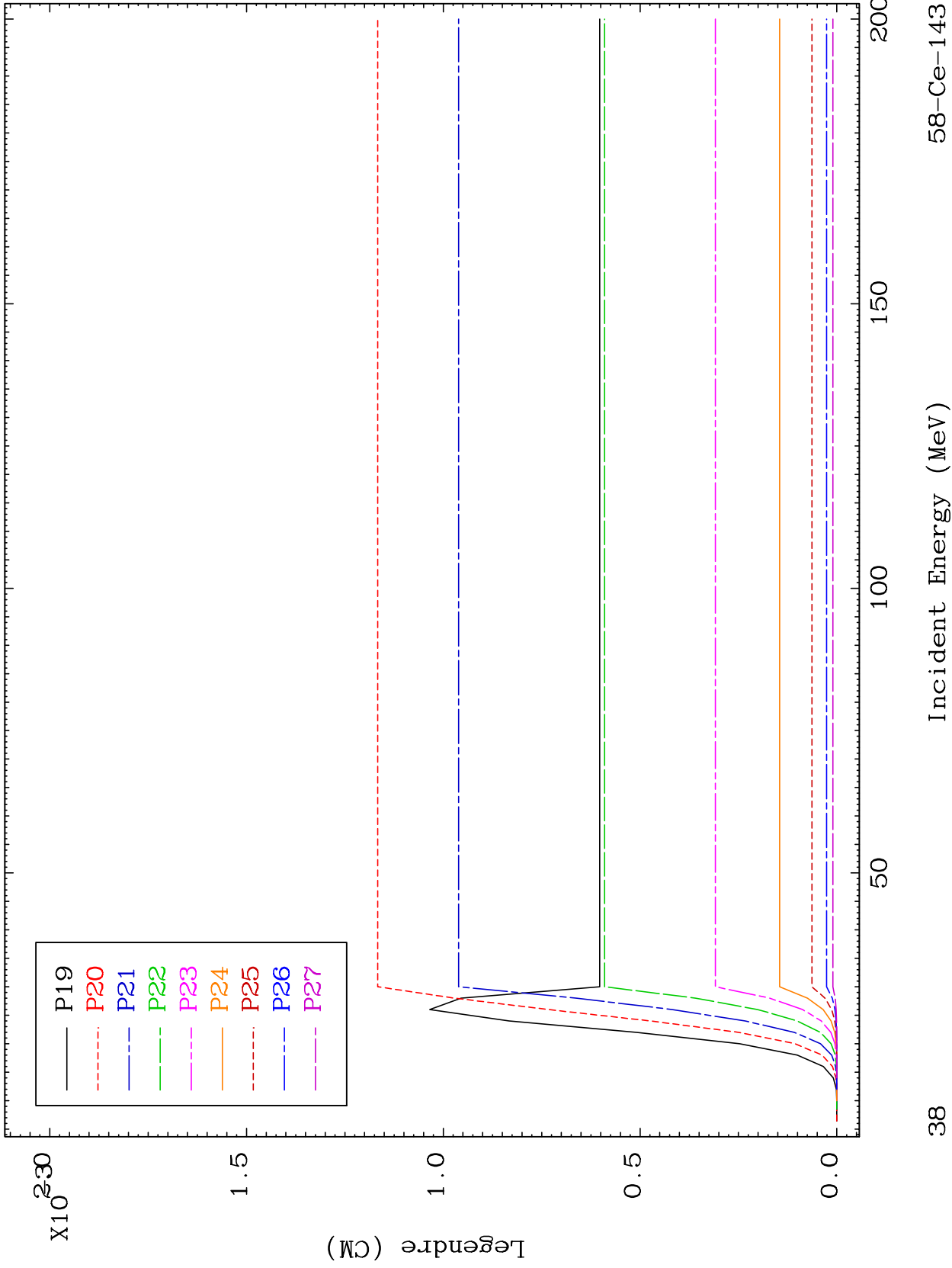
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



38

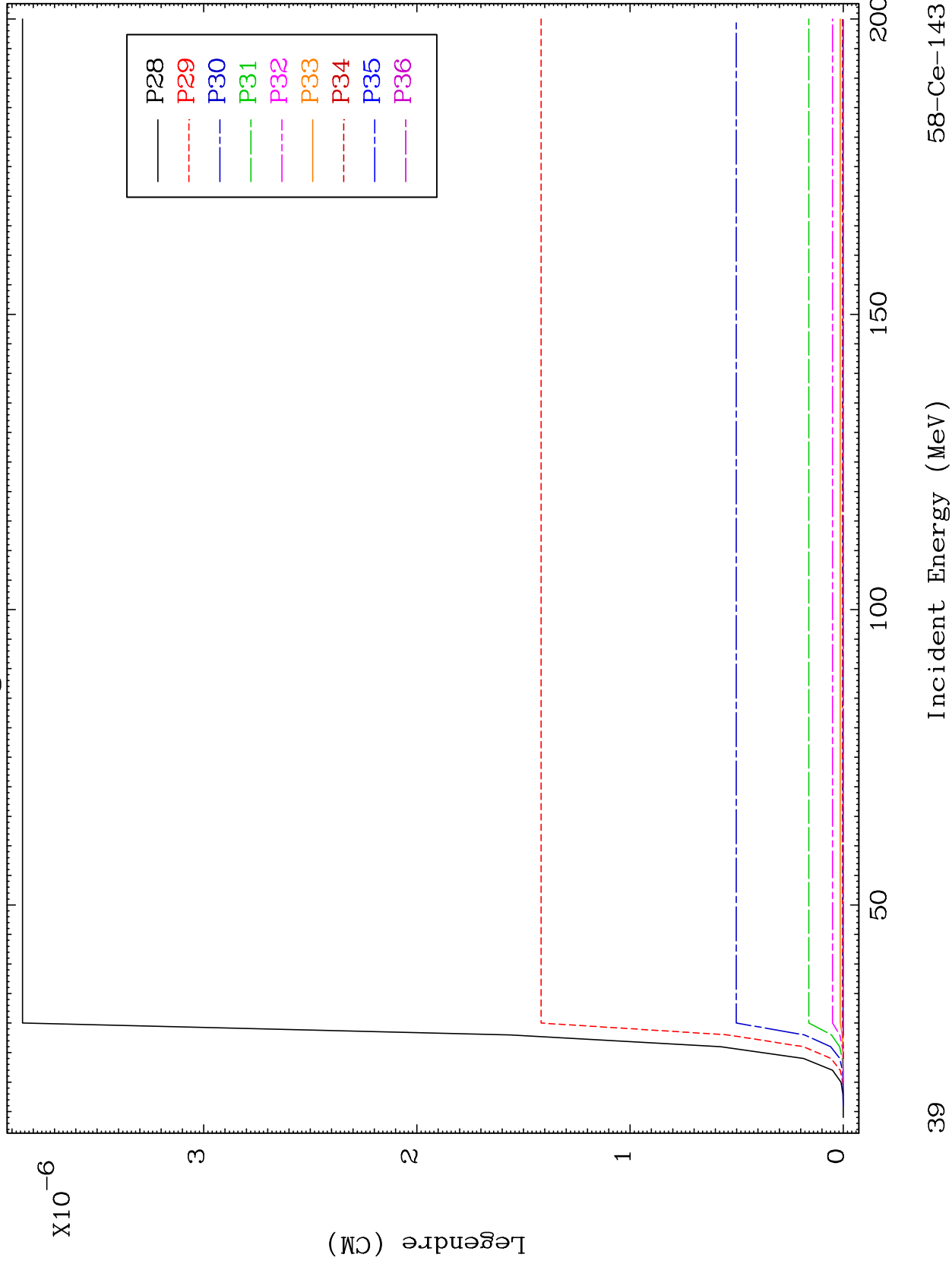
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



39

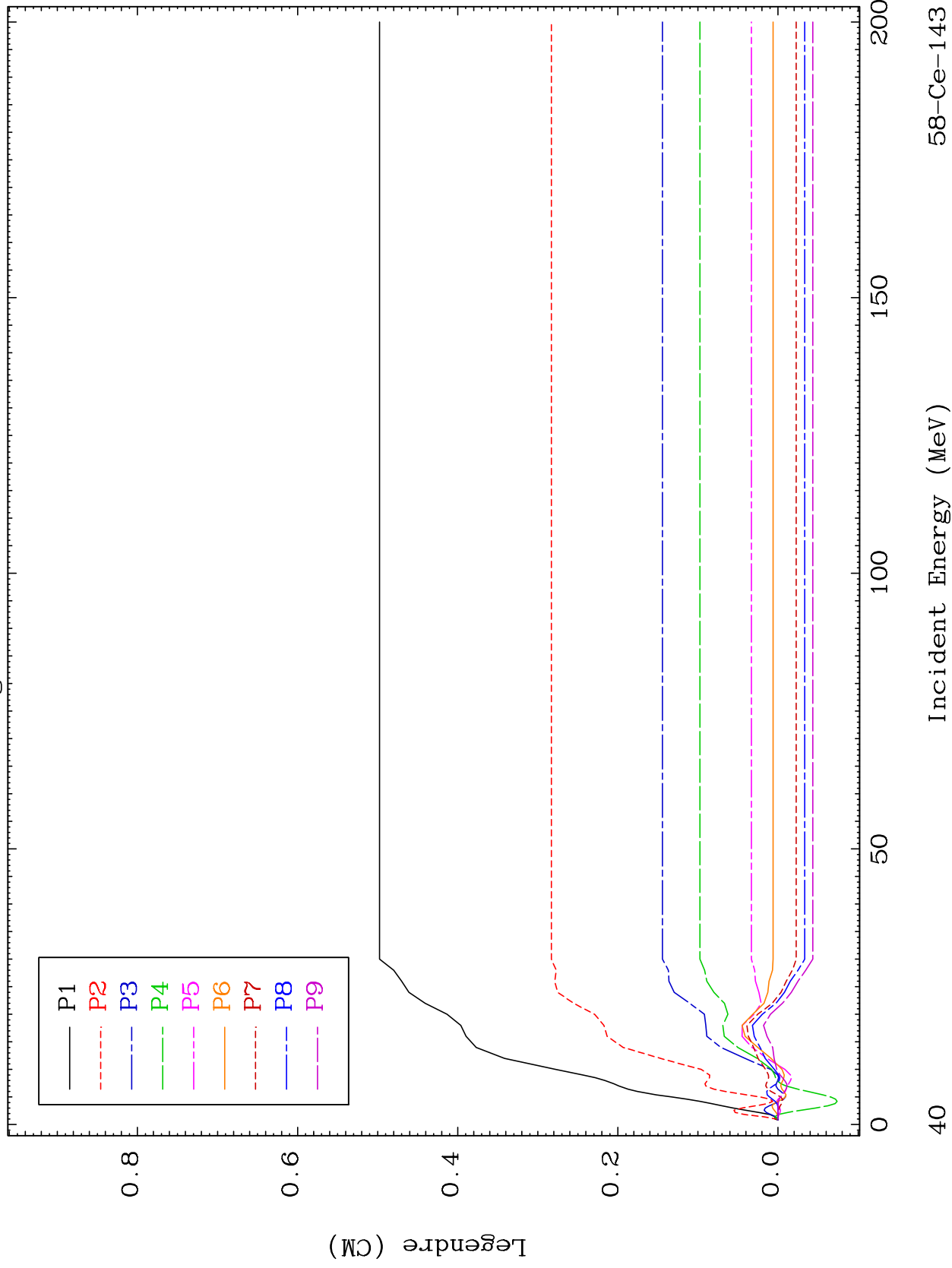
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



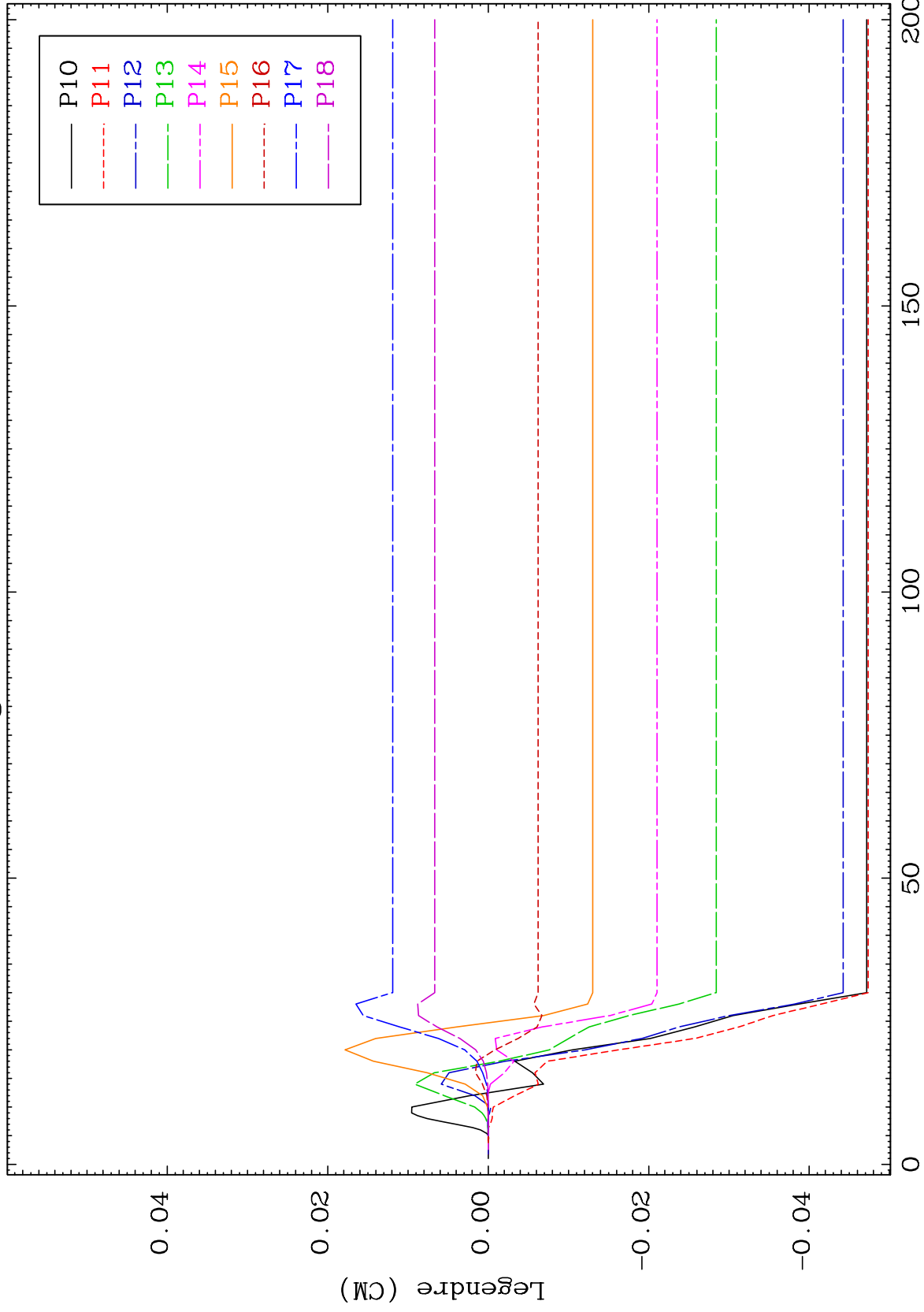
58-Ce-143

Incident Energy (MeV)

MAT 5846

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

58-Ce-143



41

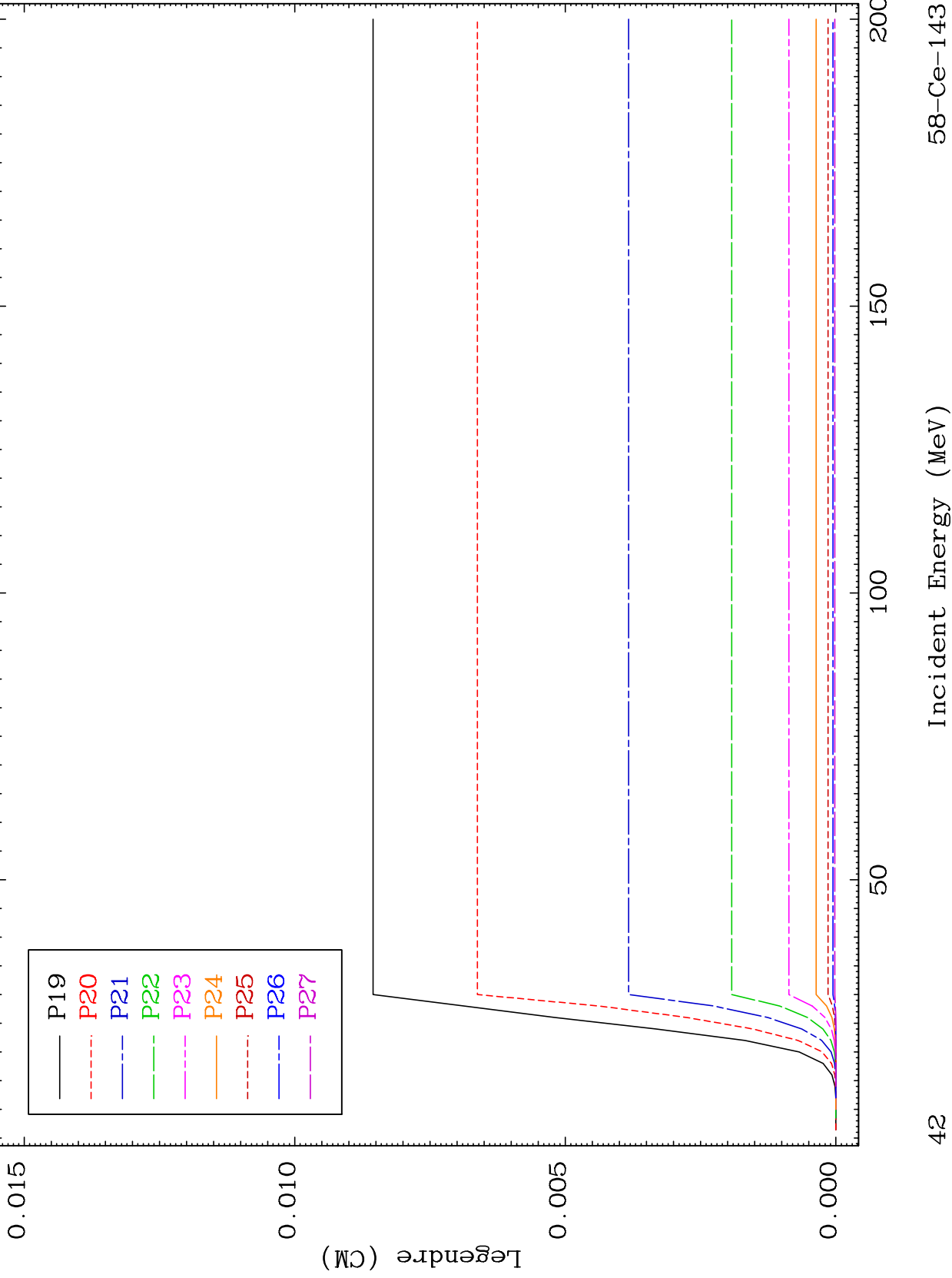
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



42

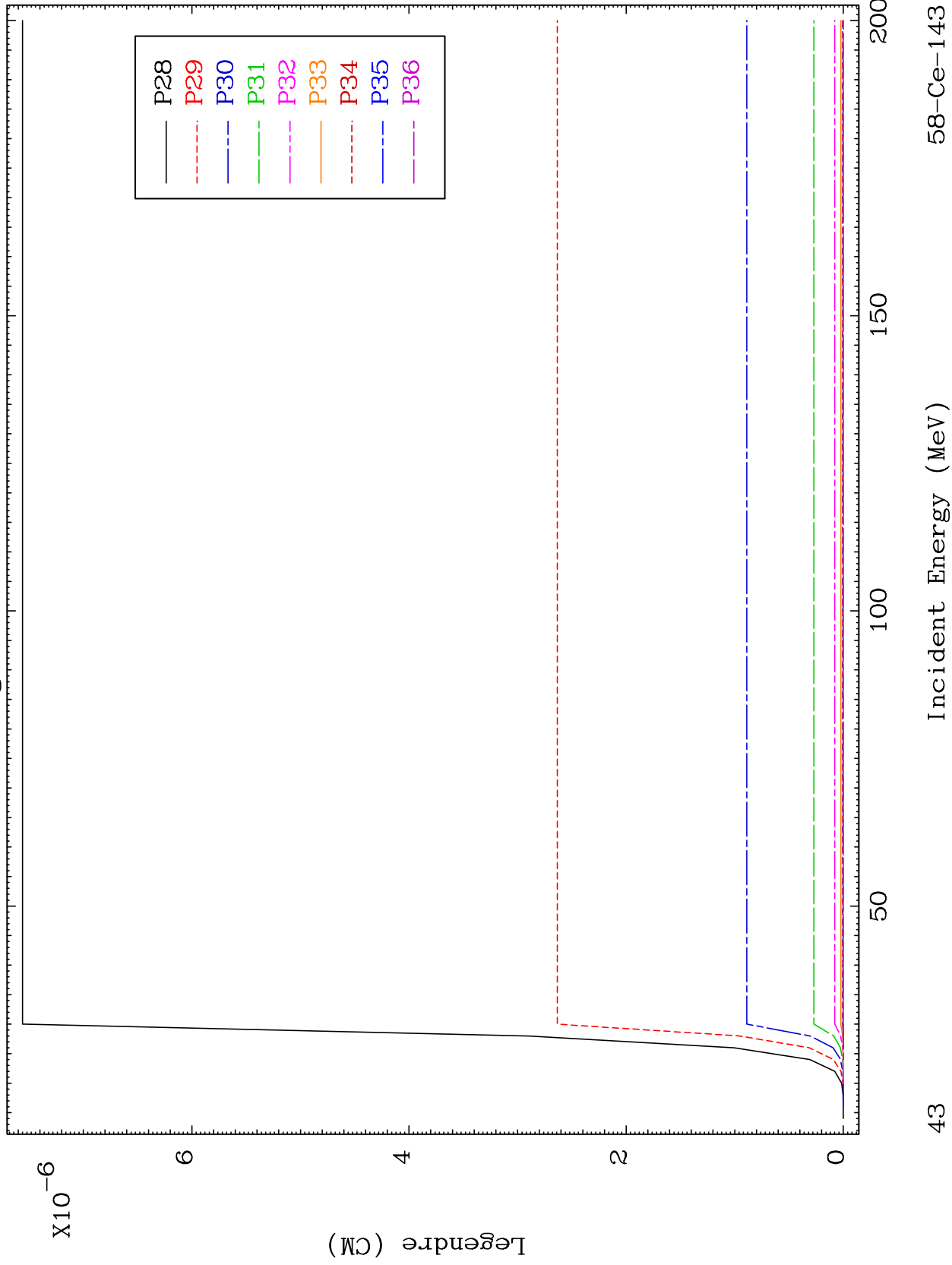
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



43

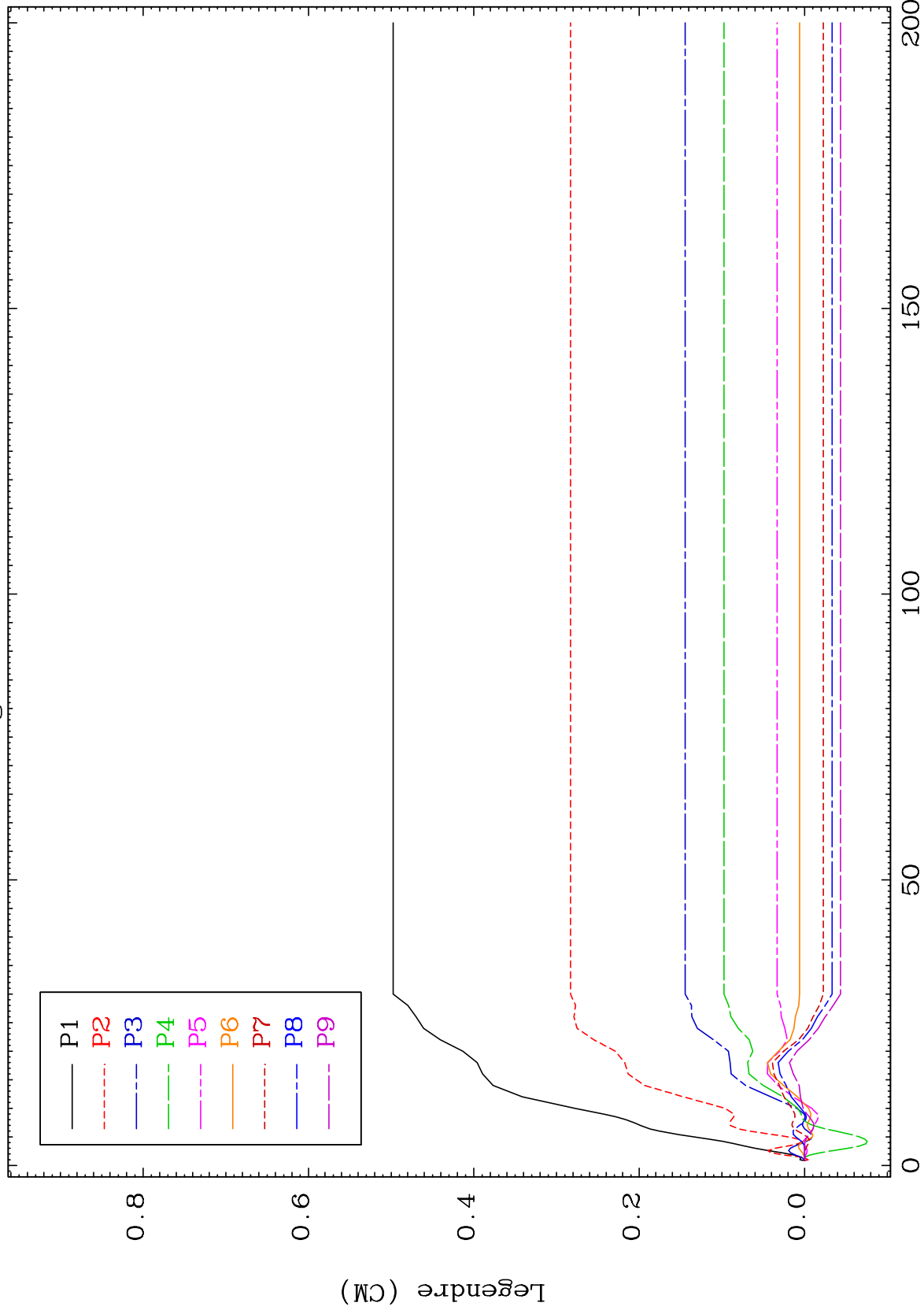
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



44

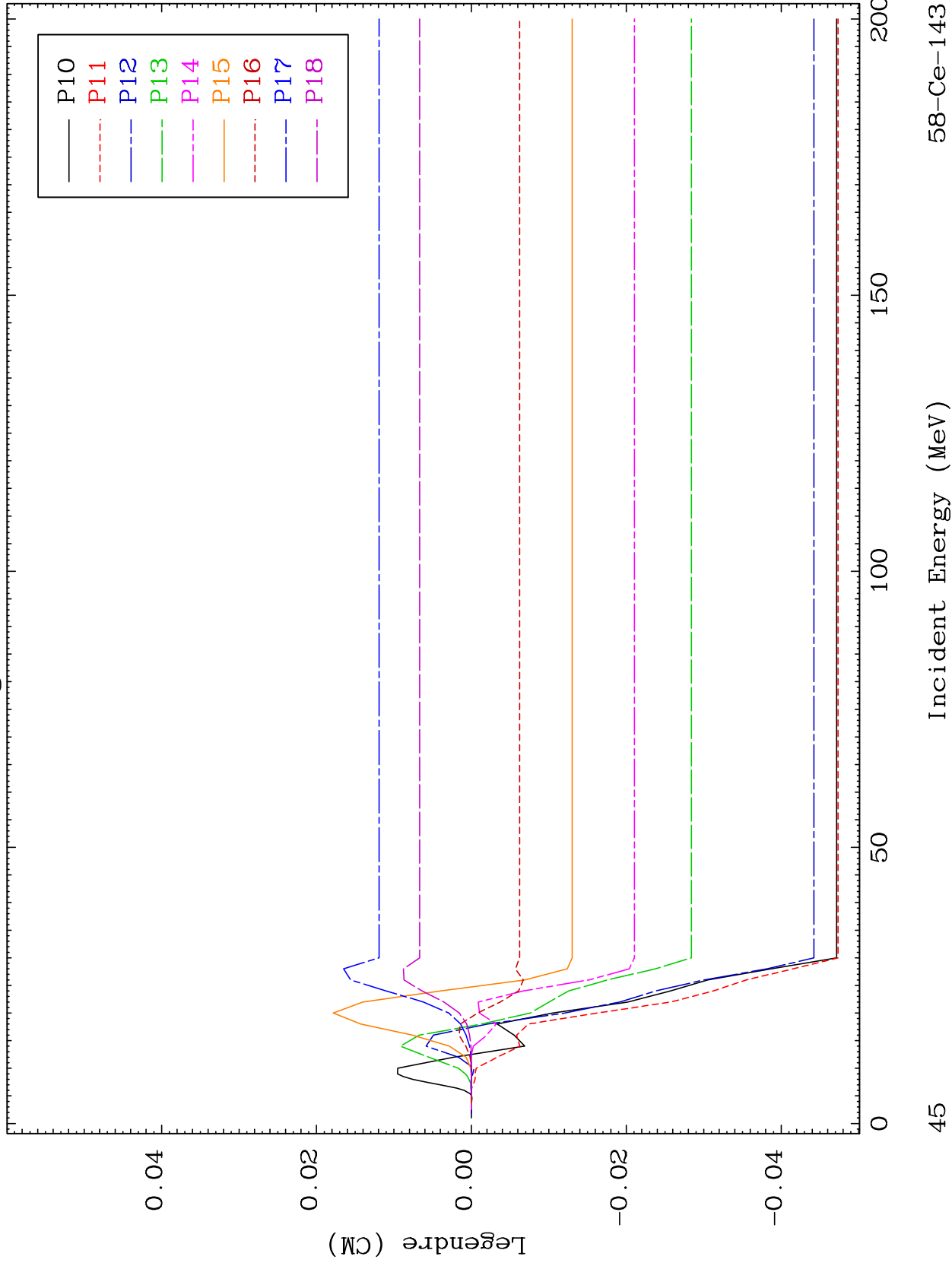
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



58-Ce-143

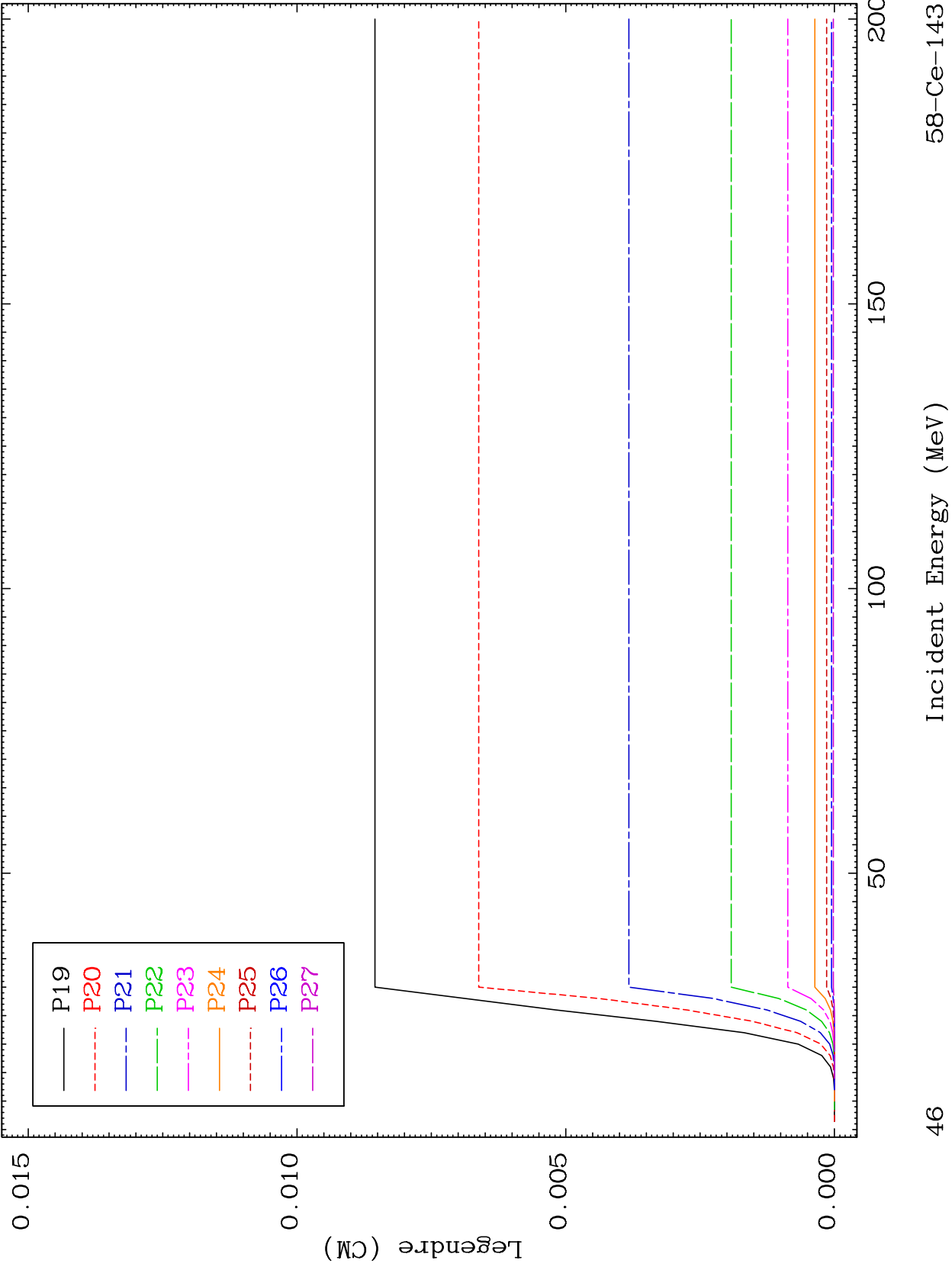
Incident Energy (MeV)

45

MAT 5846

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

58-Ce-143



46

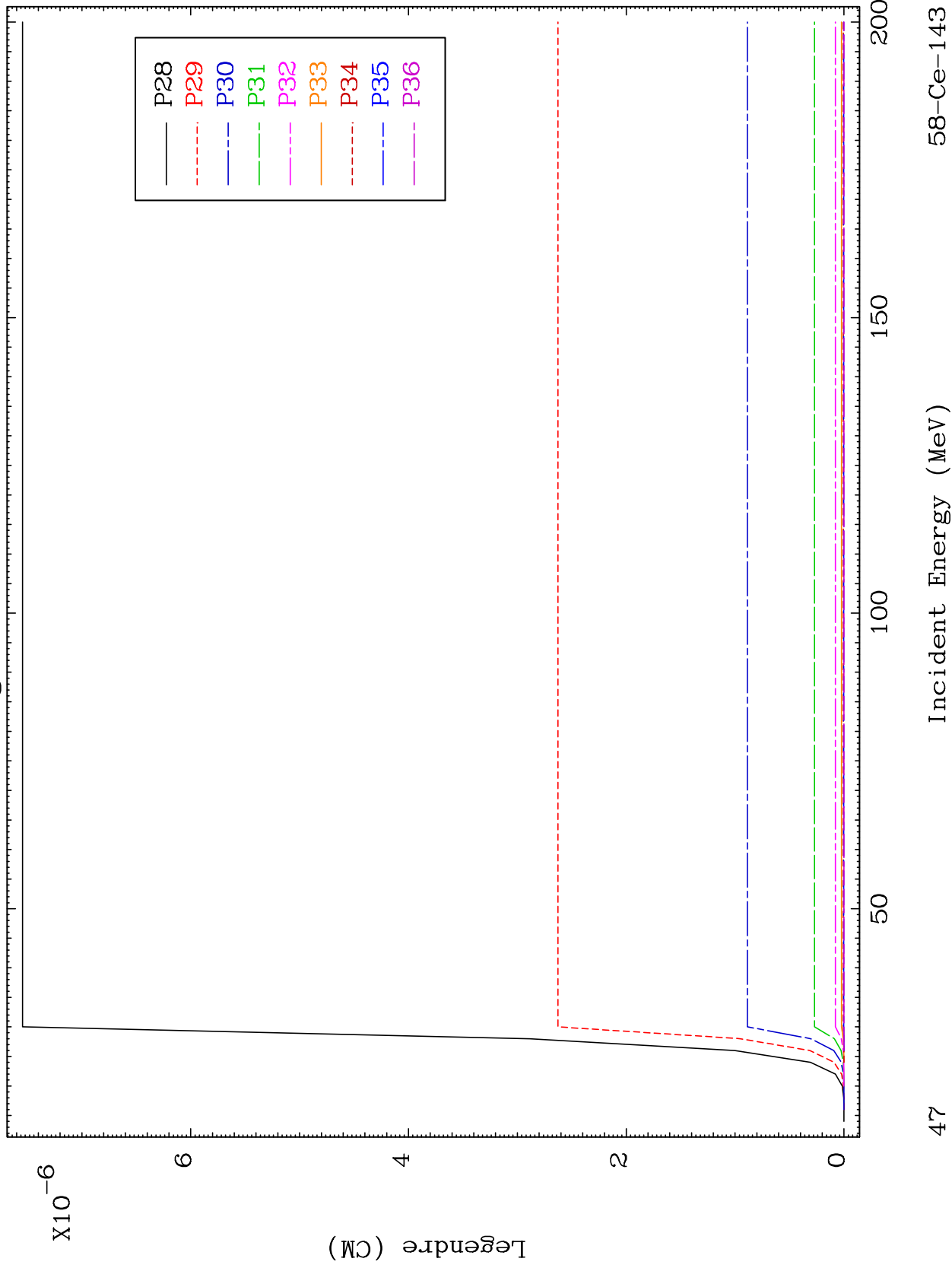
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



47

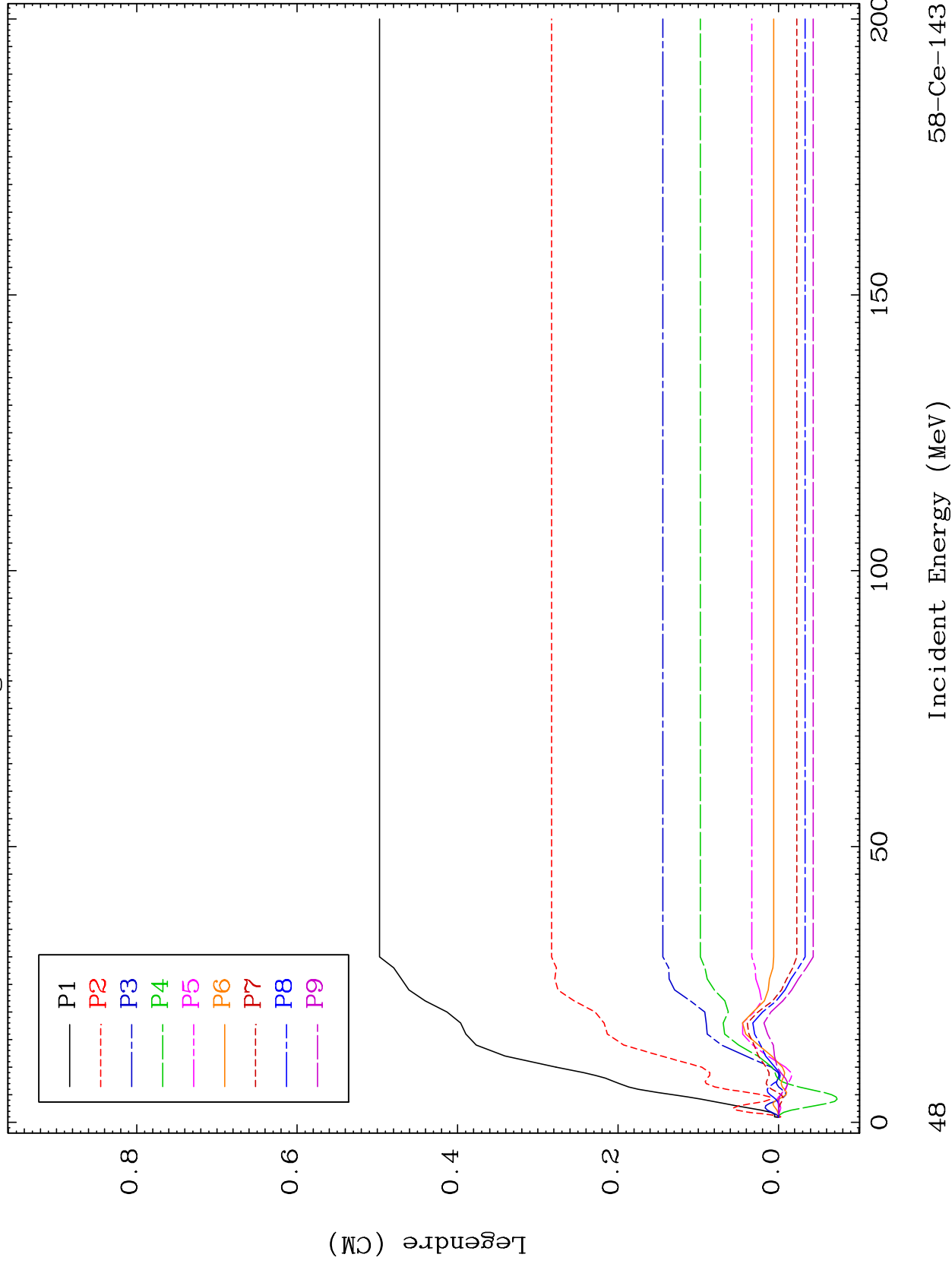
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

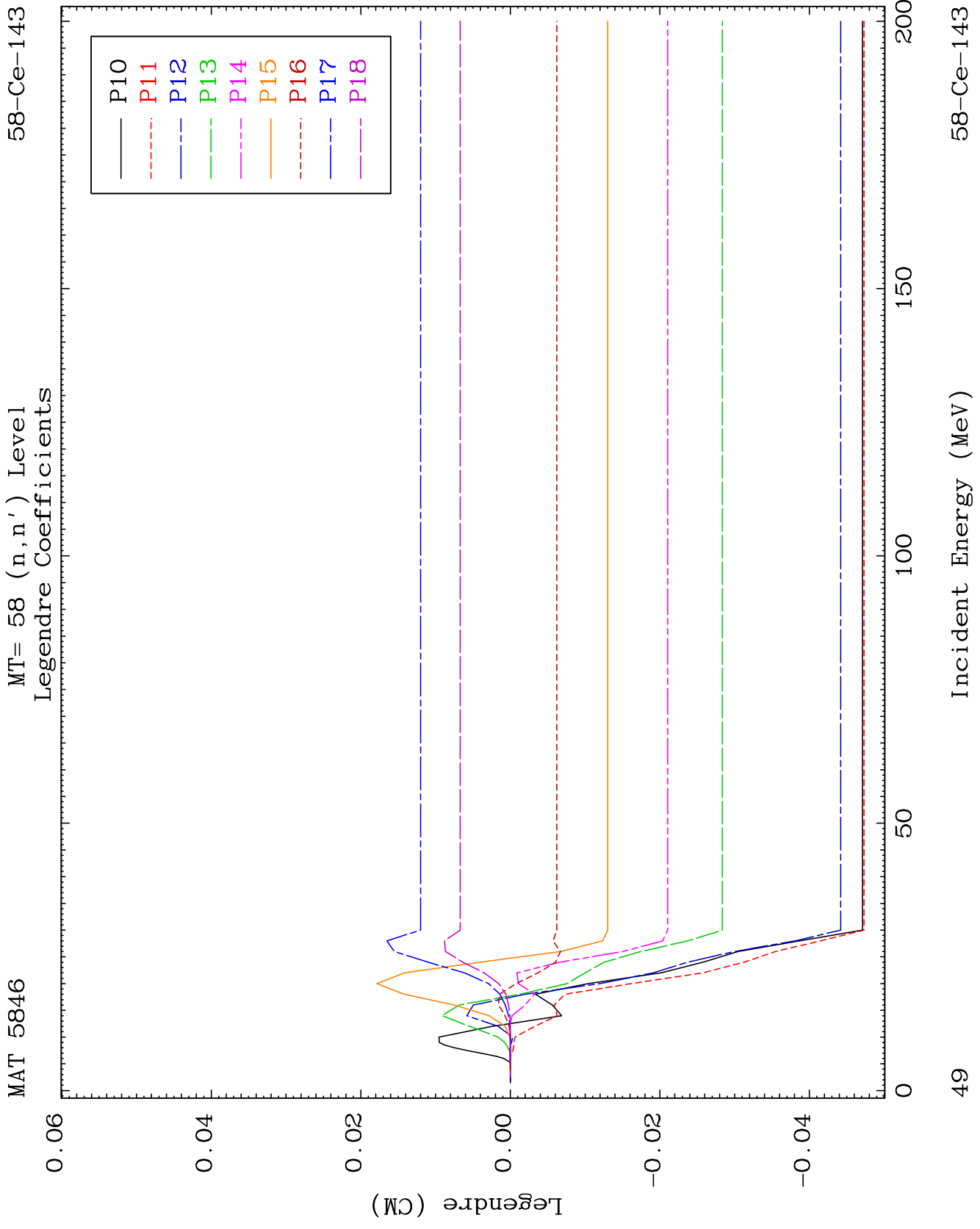
58-Ce-143



58-Ce-143

Incident Energy (MeV)

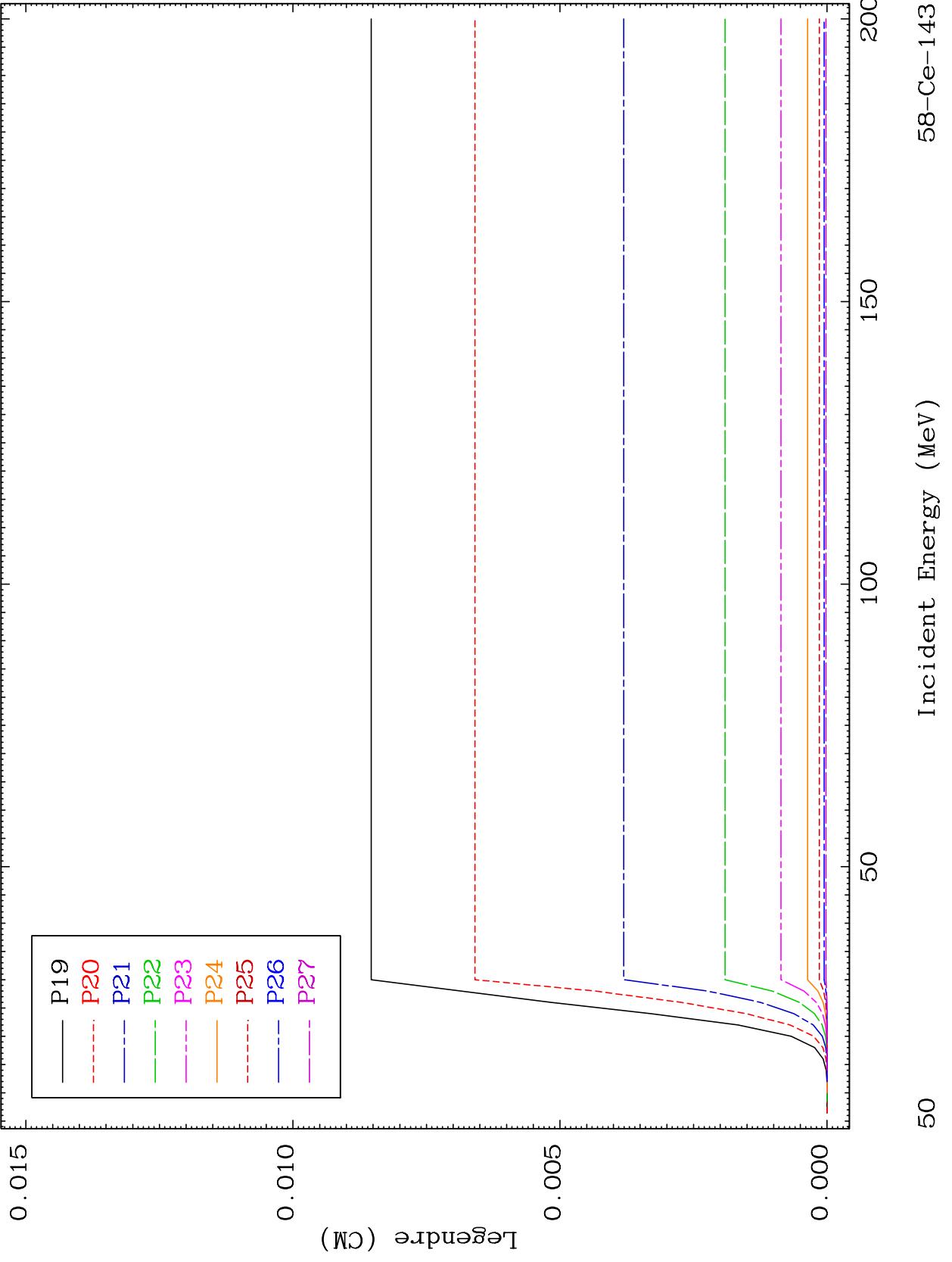
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MAT 5846

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

58-Ce-143

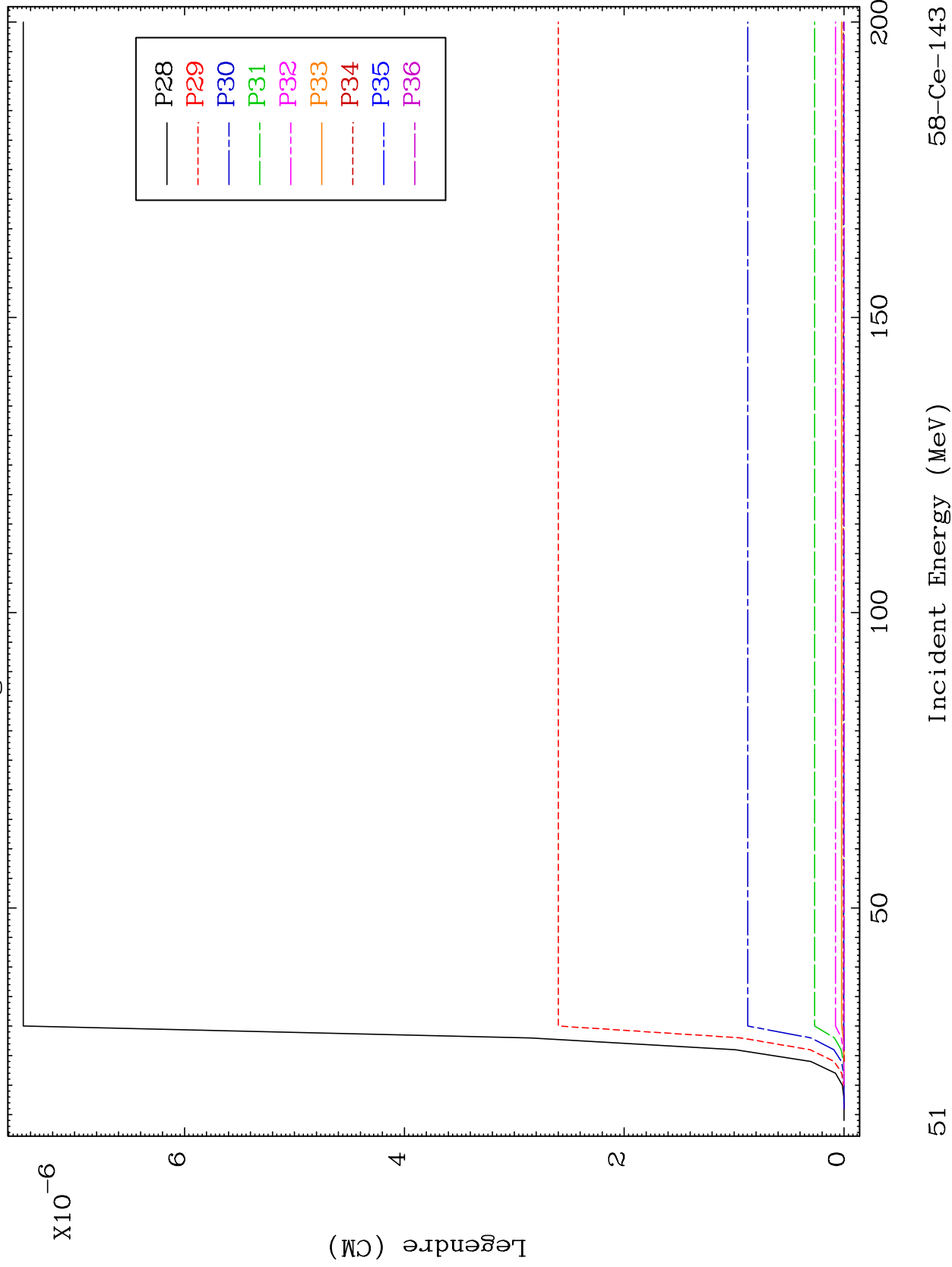


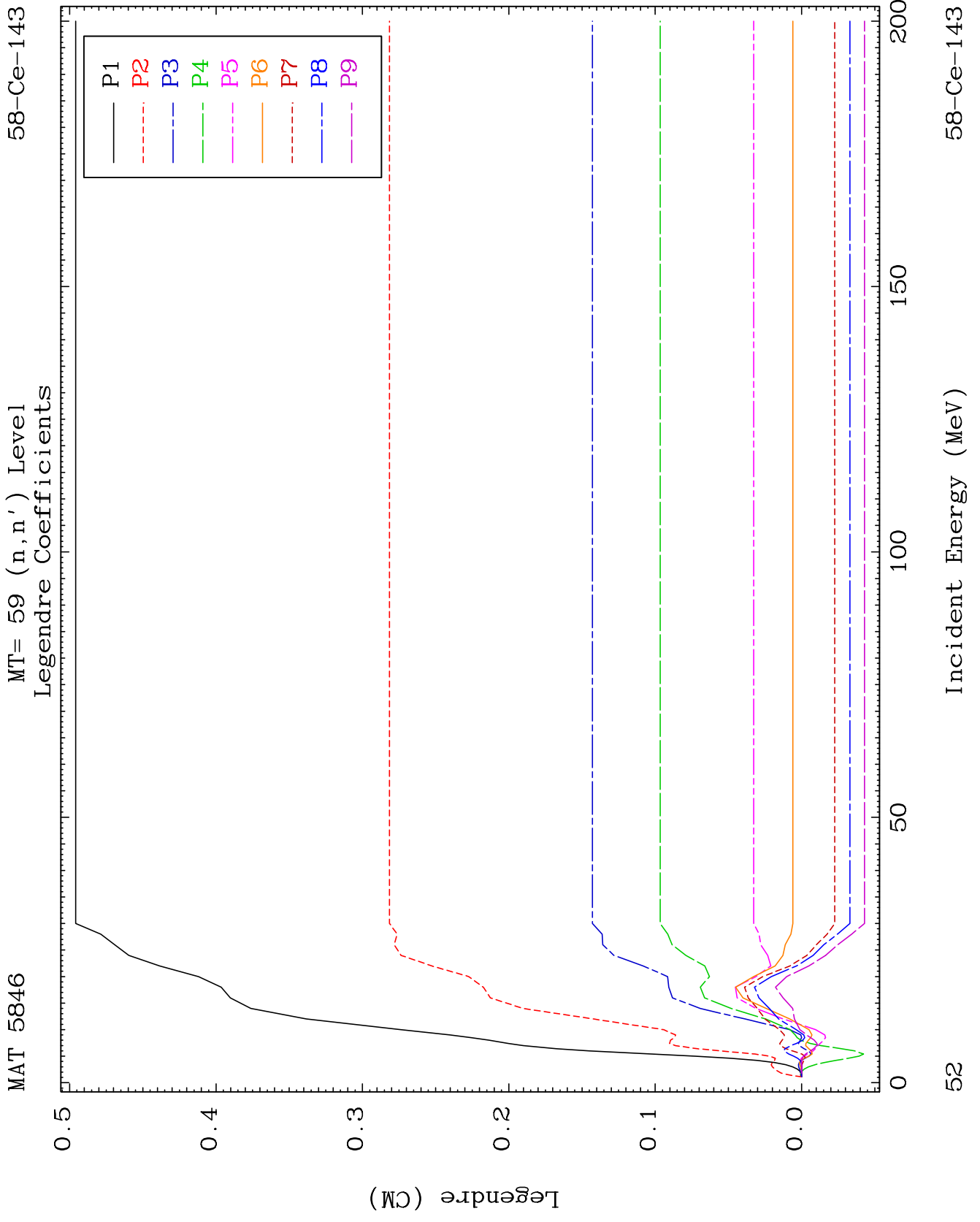
58-Ce-143

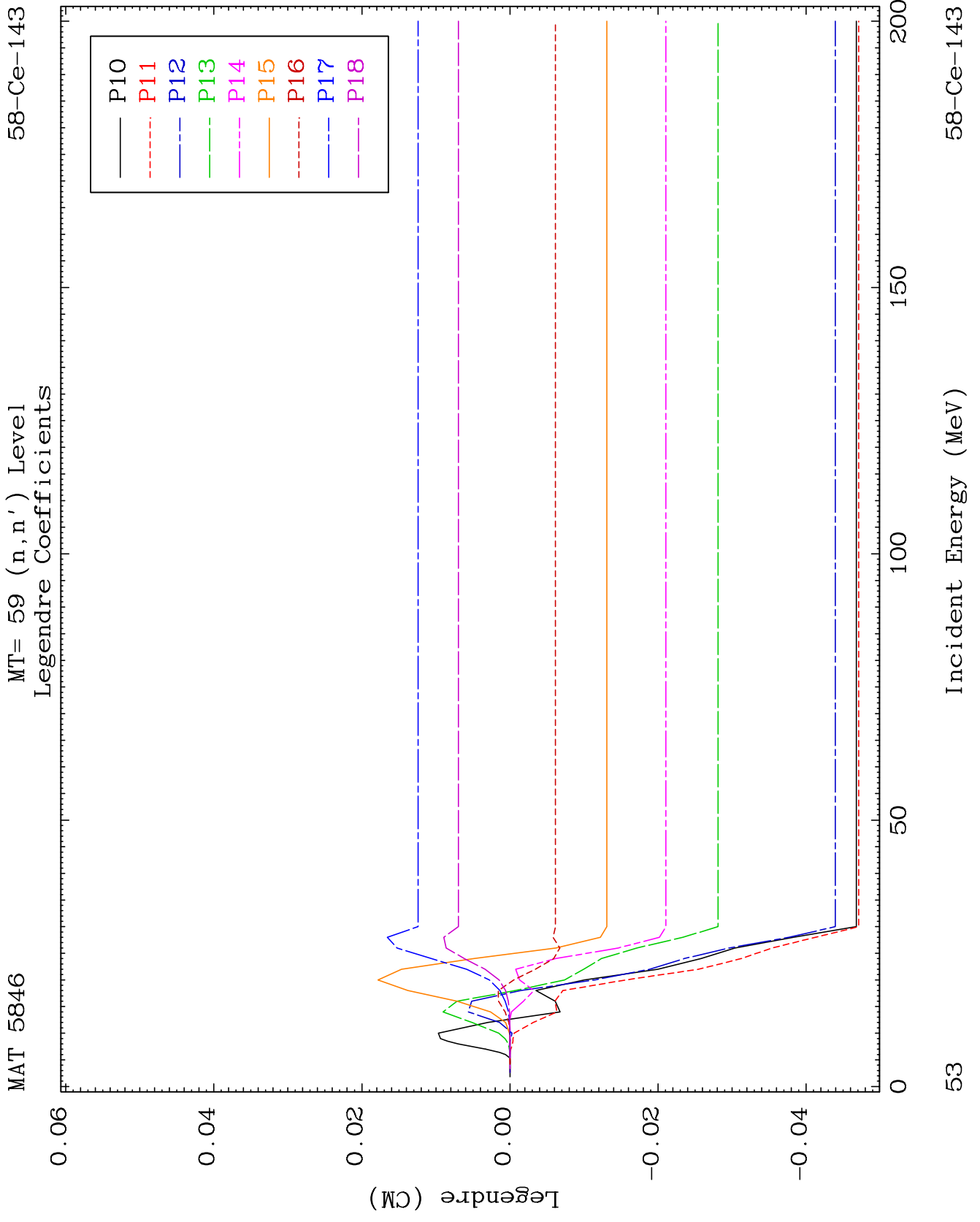
MAT 5846

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

58-Ce-143







58-Ce-143

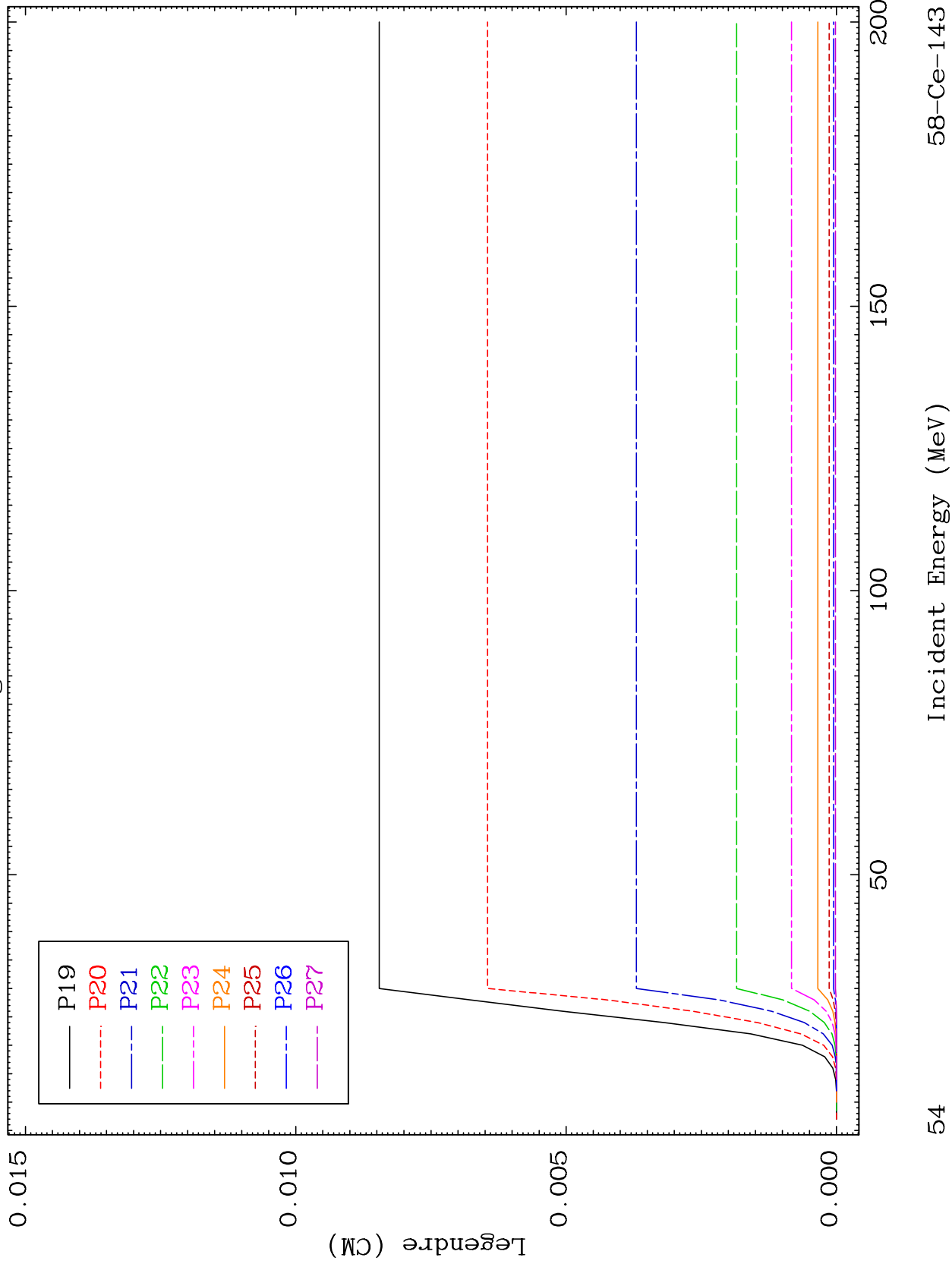
Incident Energy (MeV)

53

MAT 5846

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

58-Ce-143



58-Ce-143

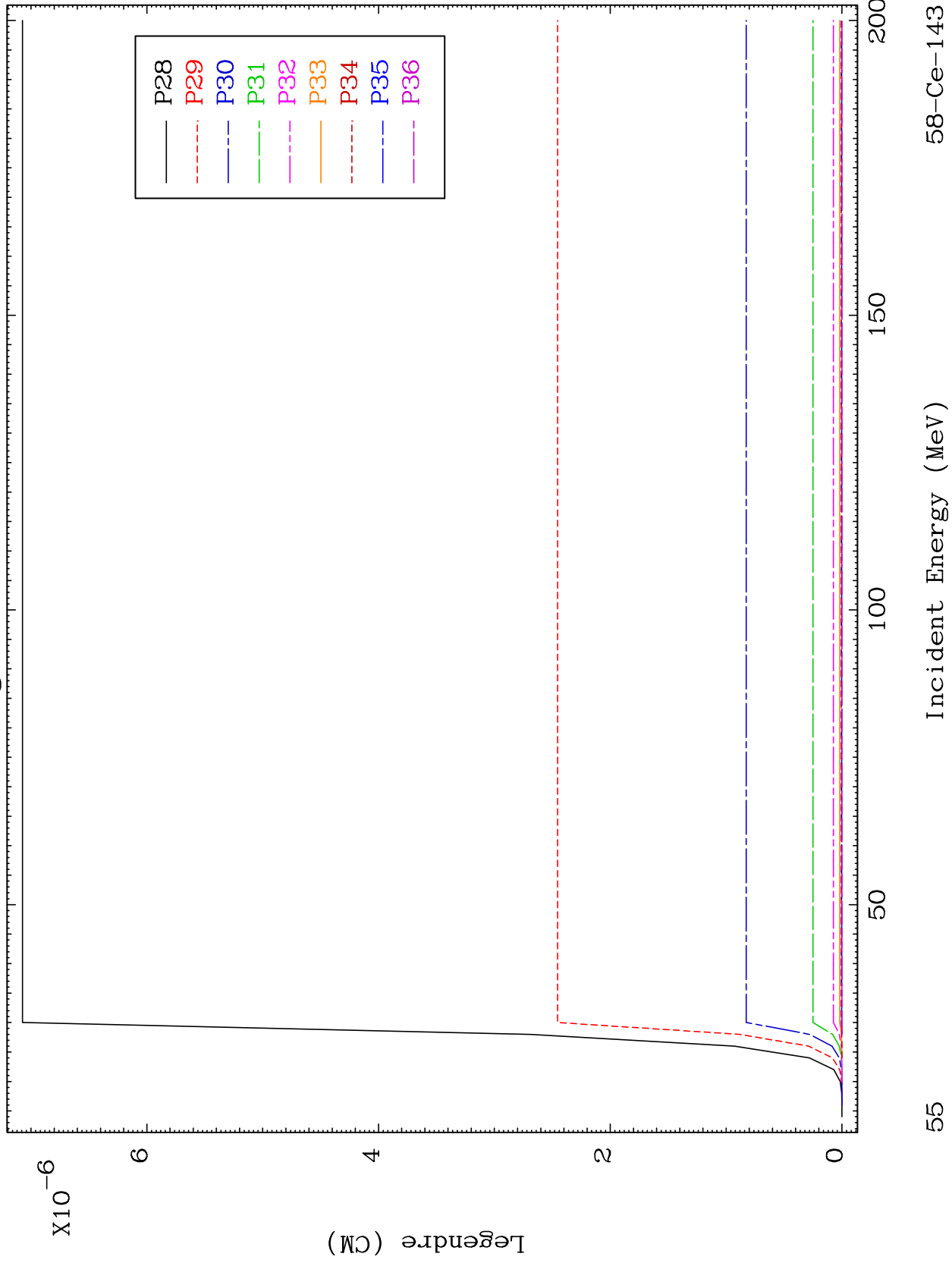
Incident Energy (MeV)

54

MAT 5846

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

58-Ce-143



55

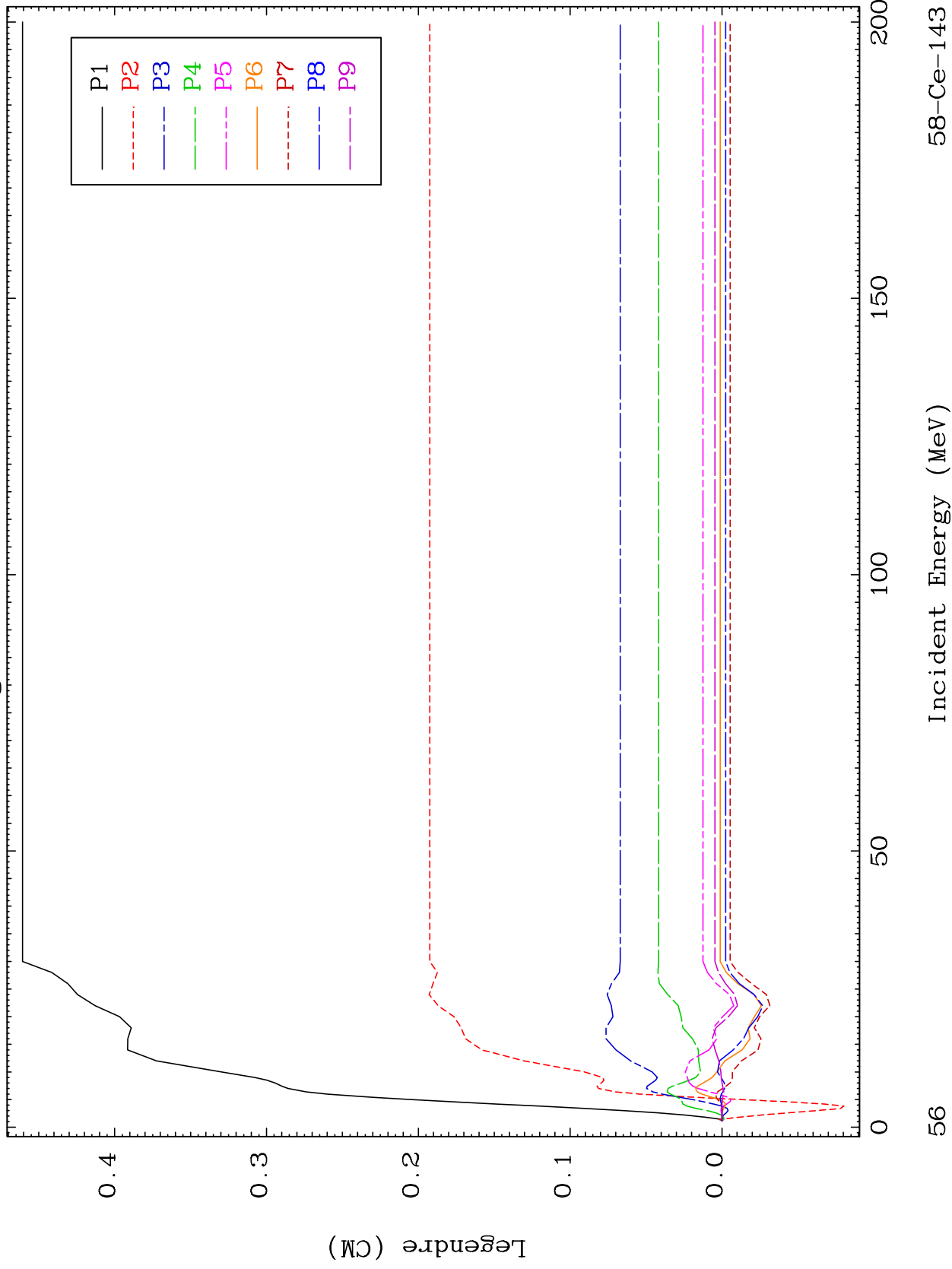
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



58-Ce-143

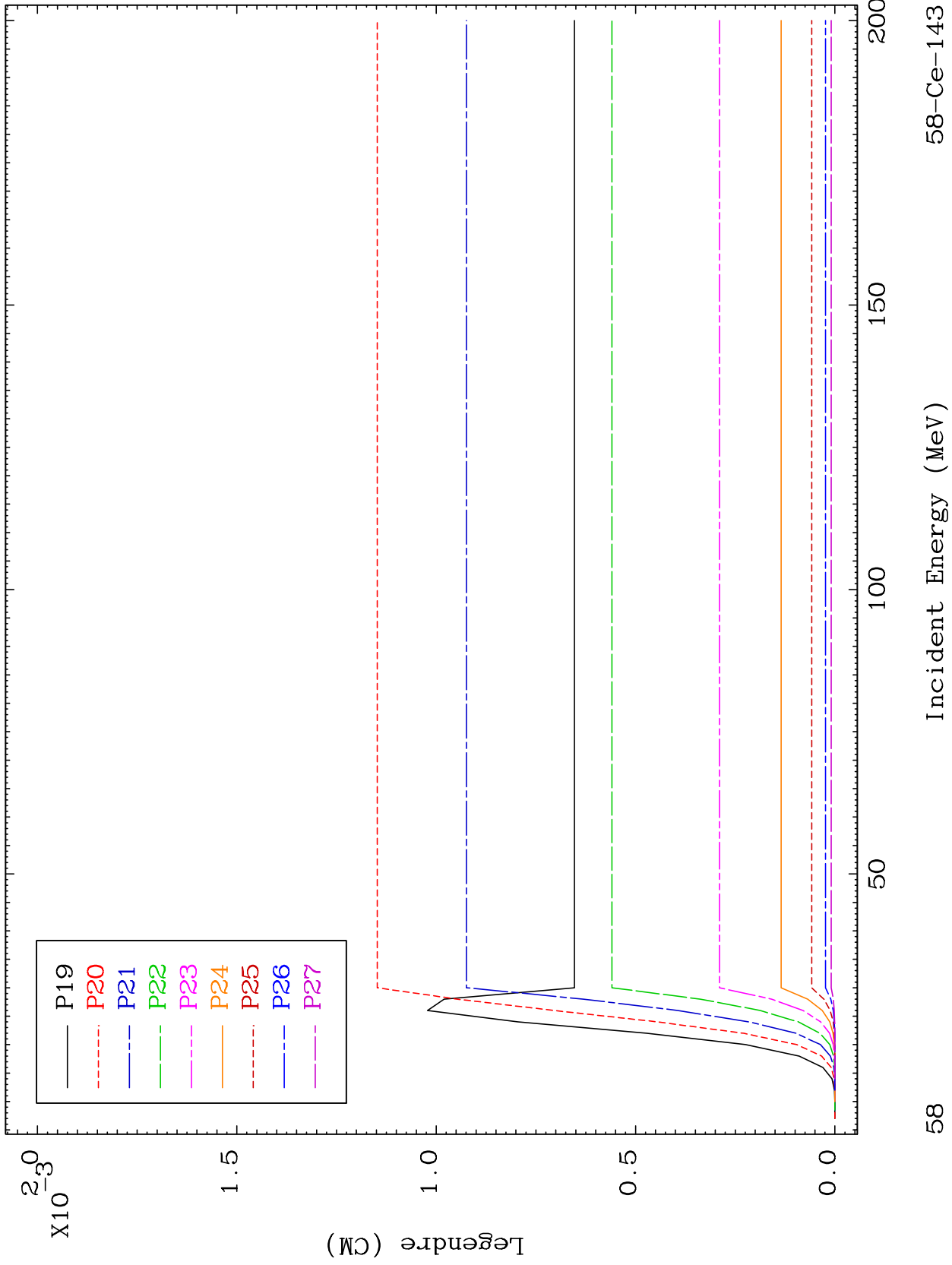
Incident Energy (MeV)

56

MAT 5846

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

58-Ce-143

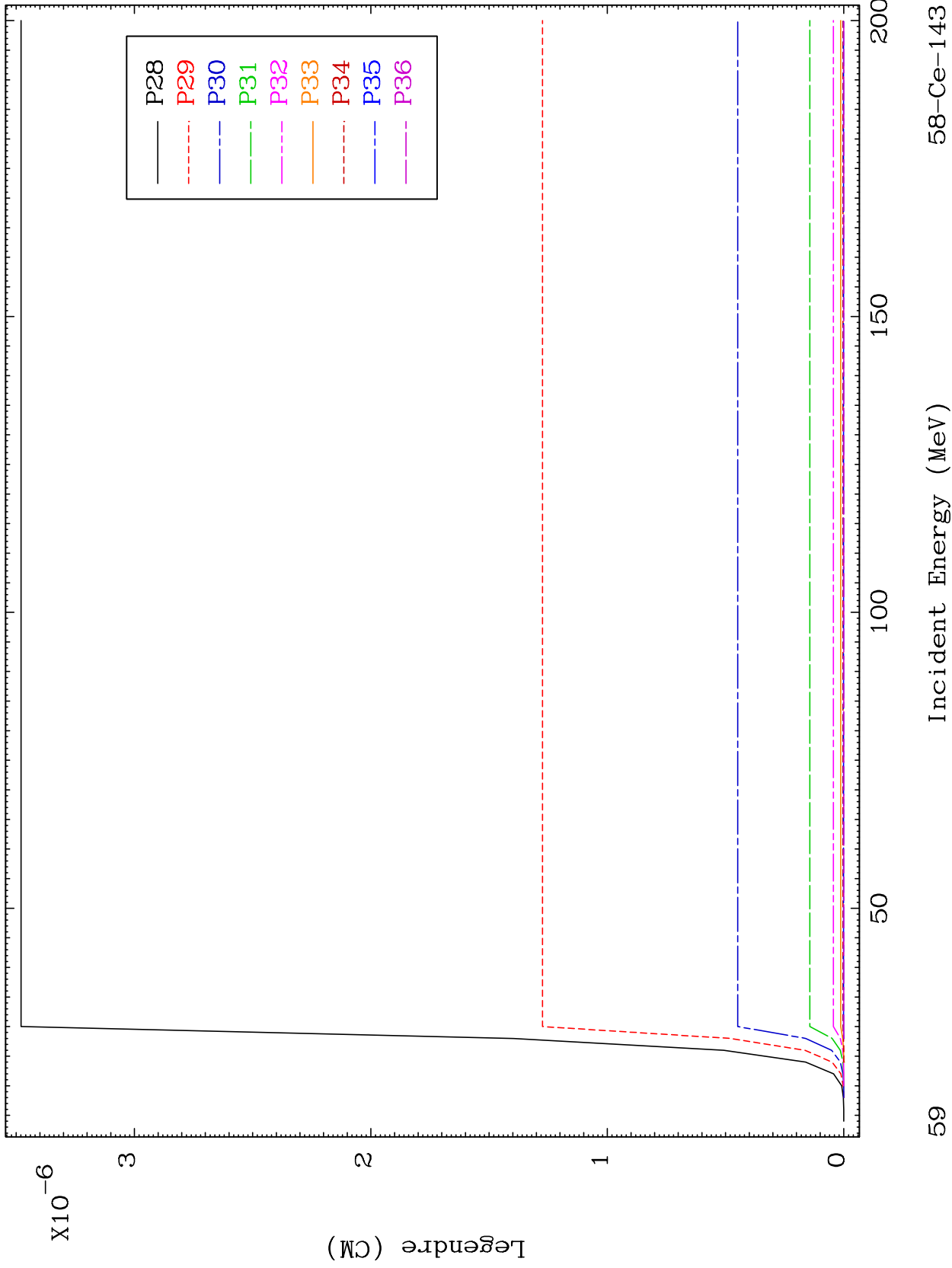


58

MAT 5846

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

58-Ce-143



59

Incident Energy (MeV)

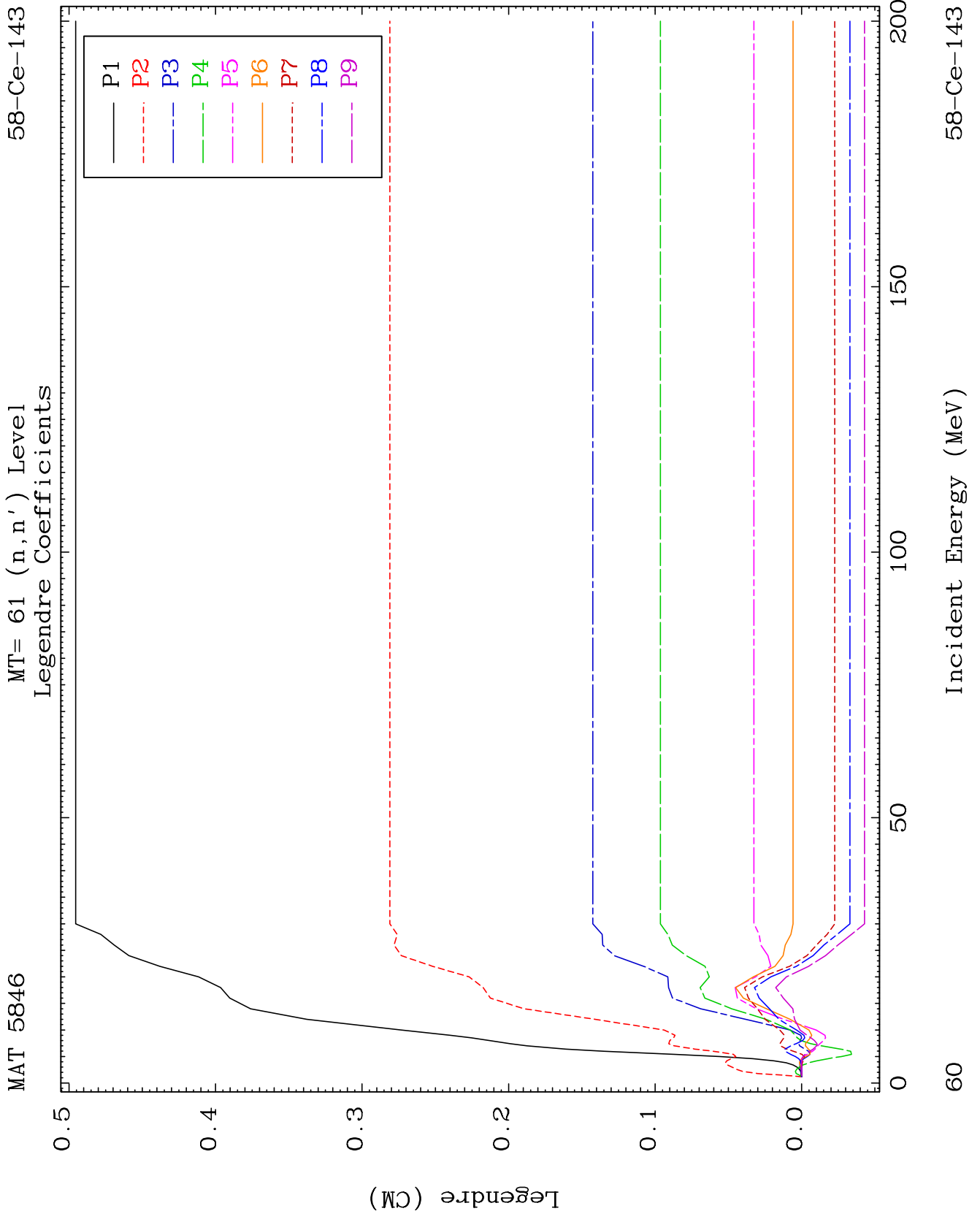
58-Ce-143

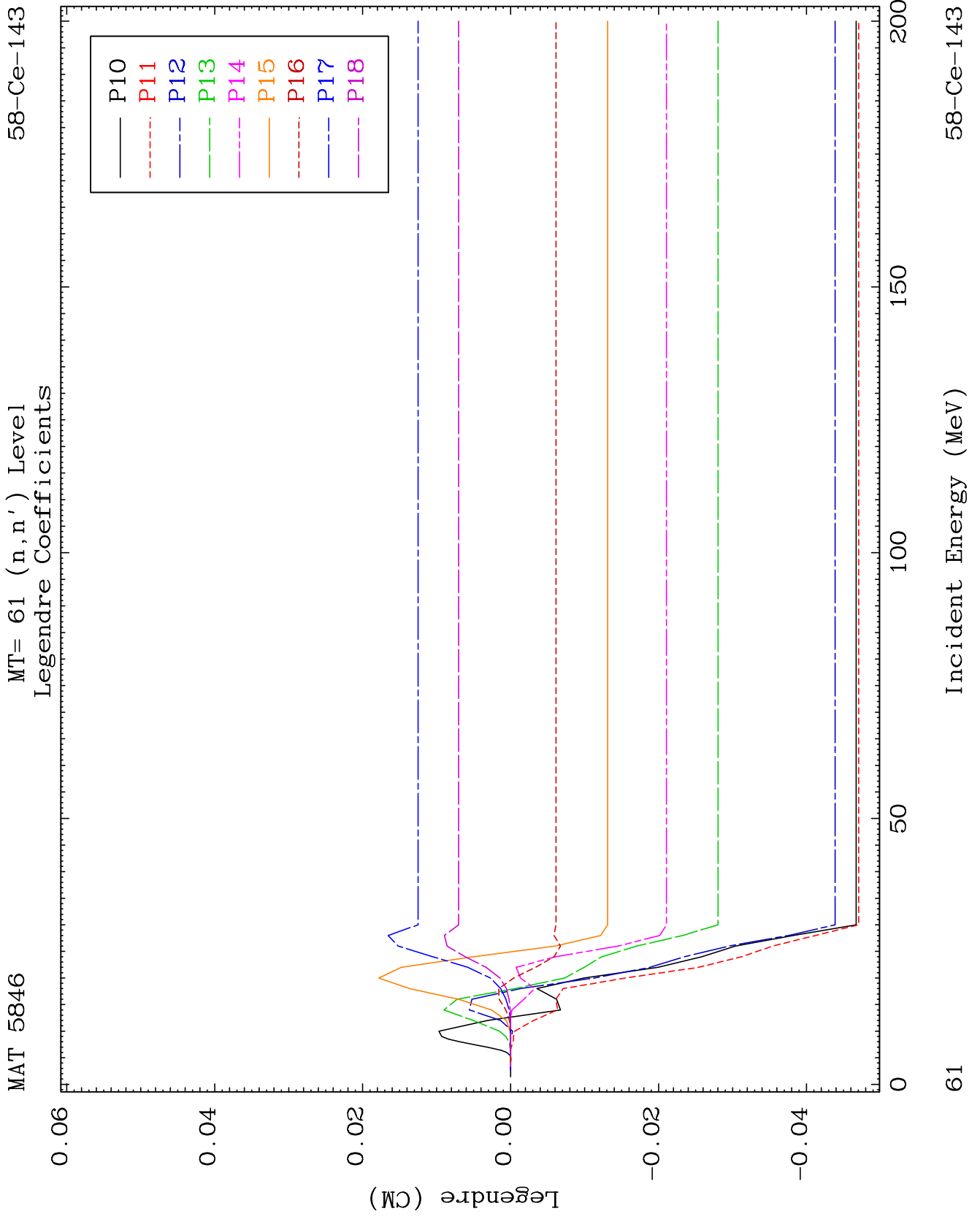
200

150

100

50

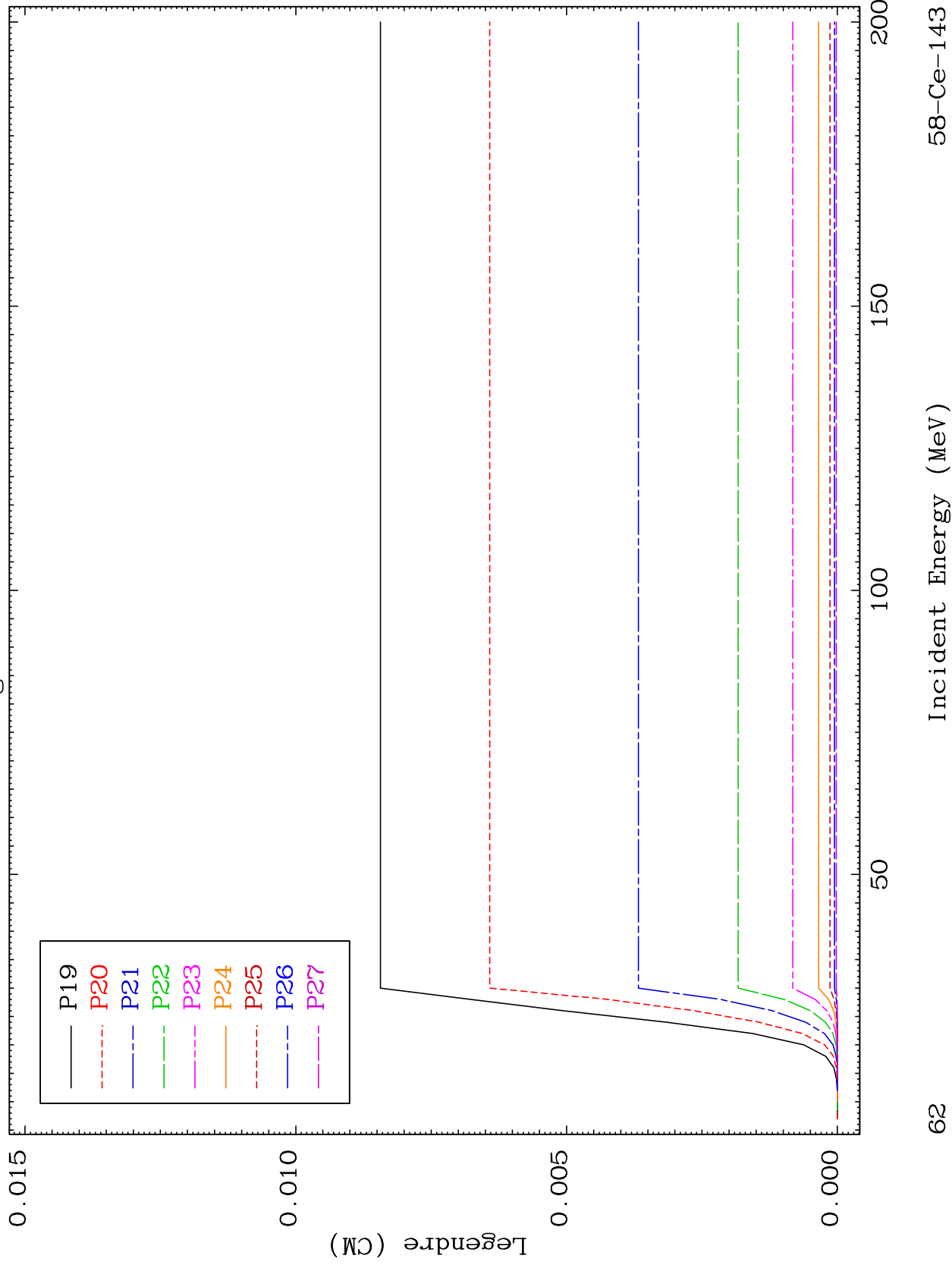




MAT 5846

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

58-Ce-143



58-Ce-143

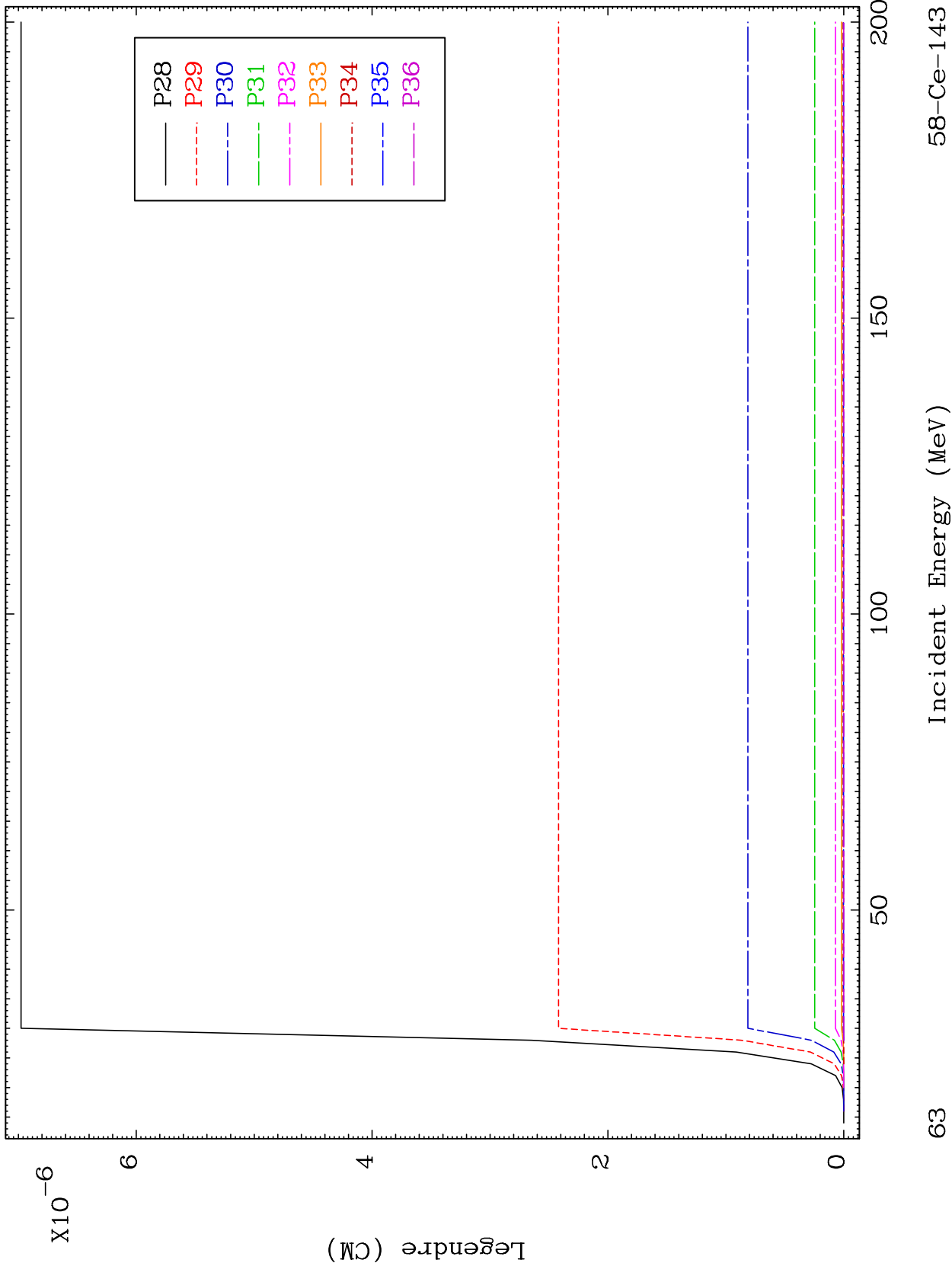
Incident Energy (MeV)

62

MAT 5846

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

58-Ce-143

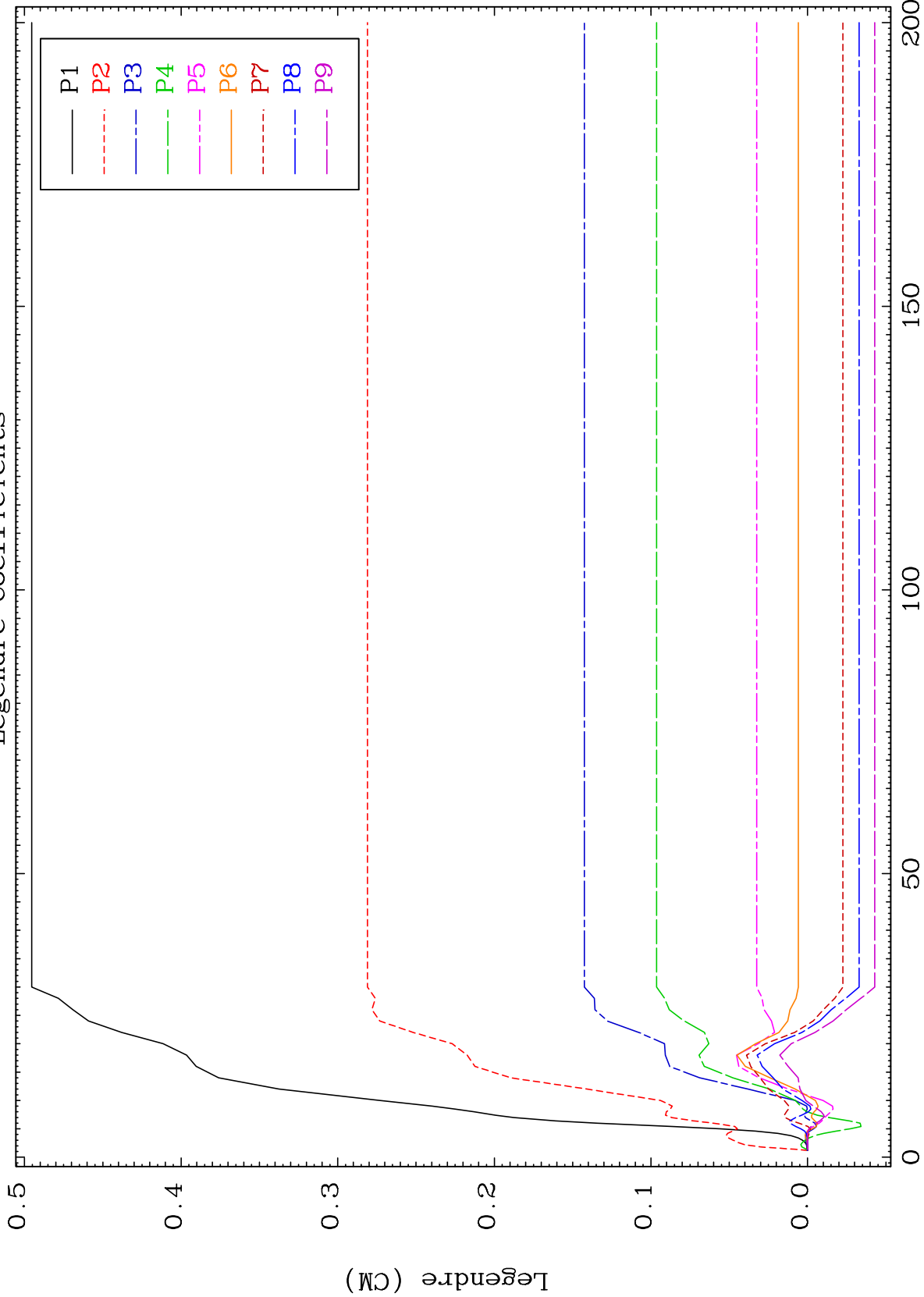


MAT 5846

MT= 62 (n,n') Level

58-Ce-143

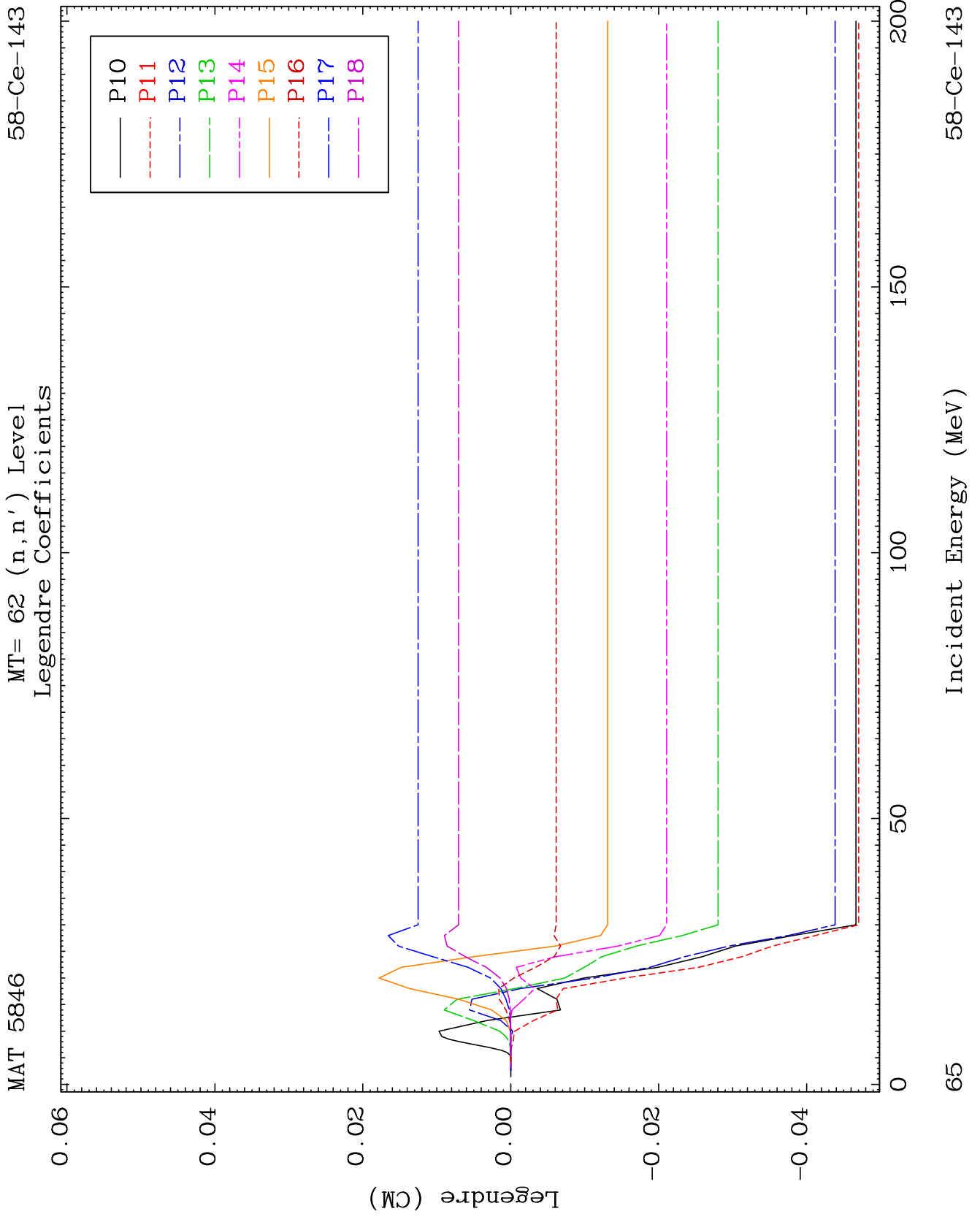
Legendre Coefficients



58-Ce-143

Incident Energy (MeV)

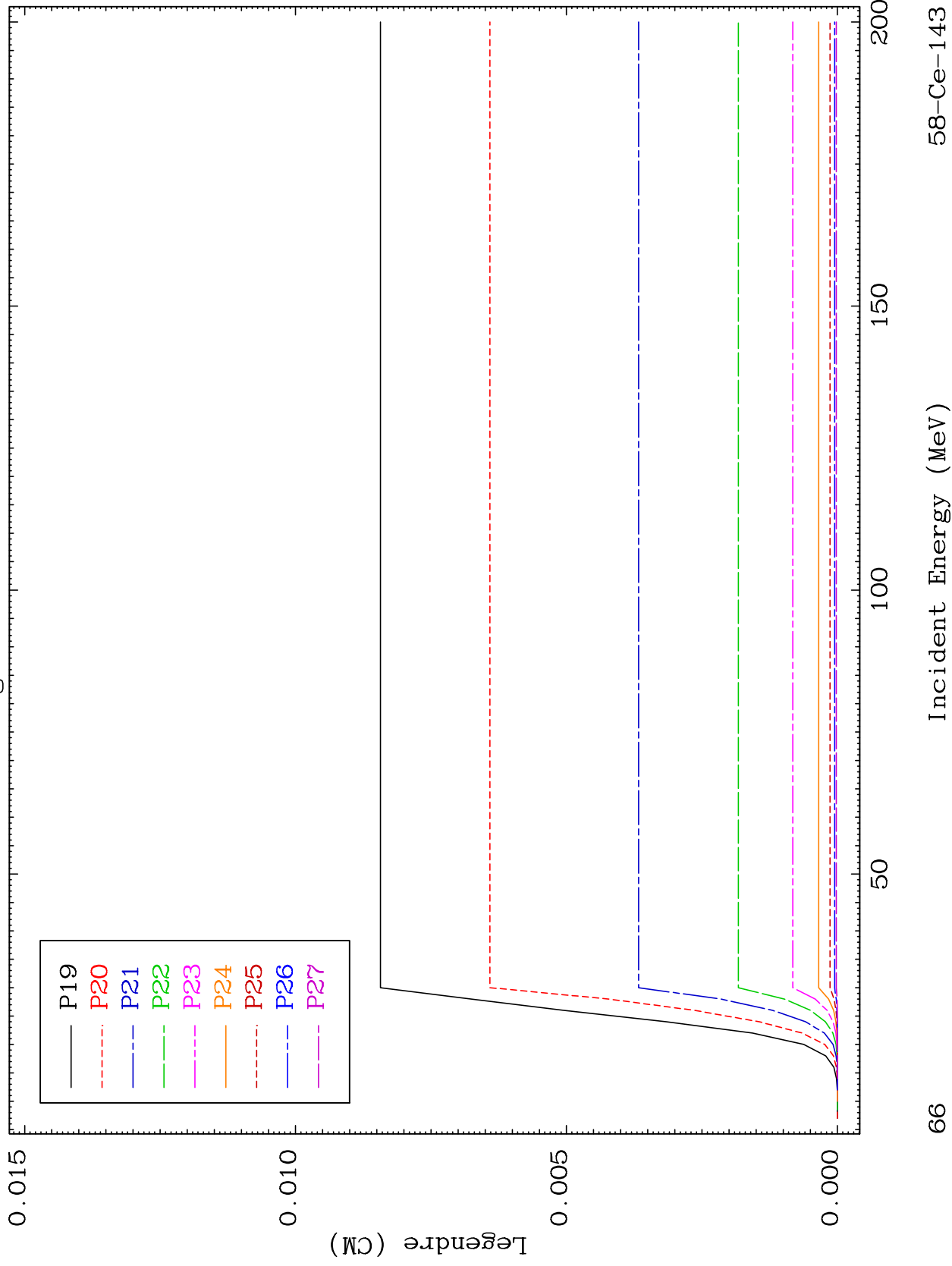
64



MAT 5846

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

58-Ce-143



66

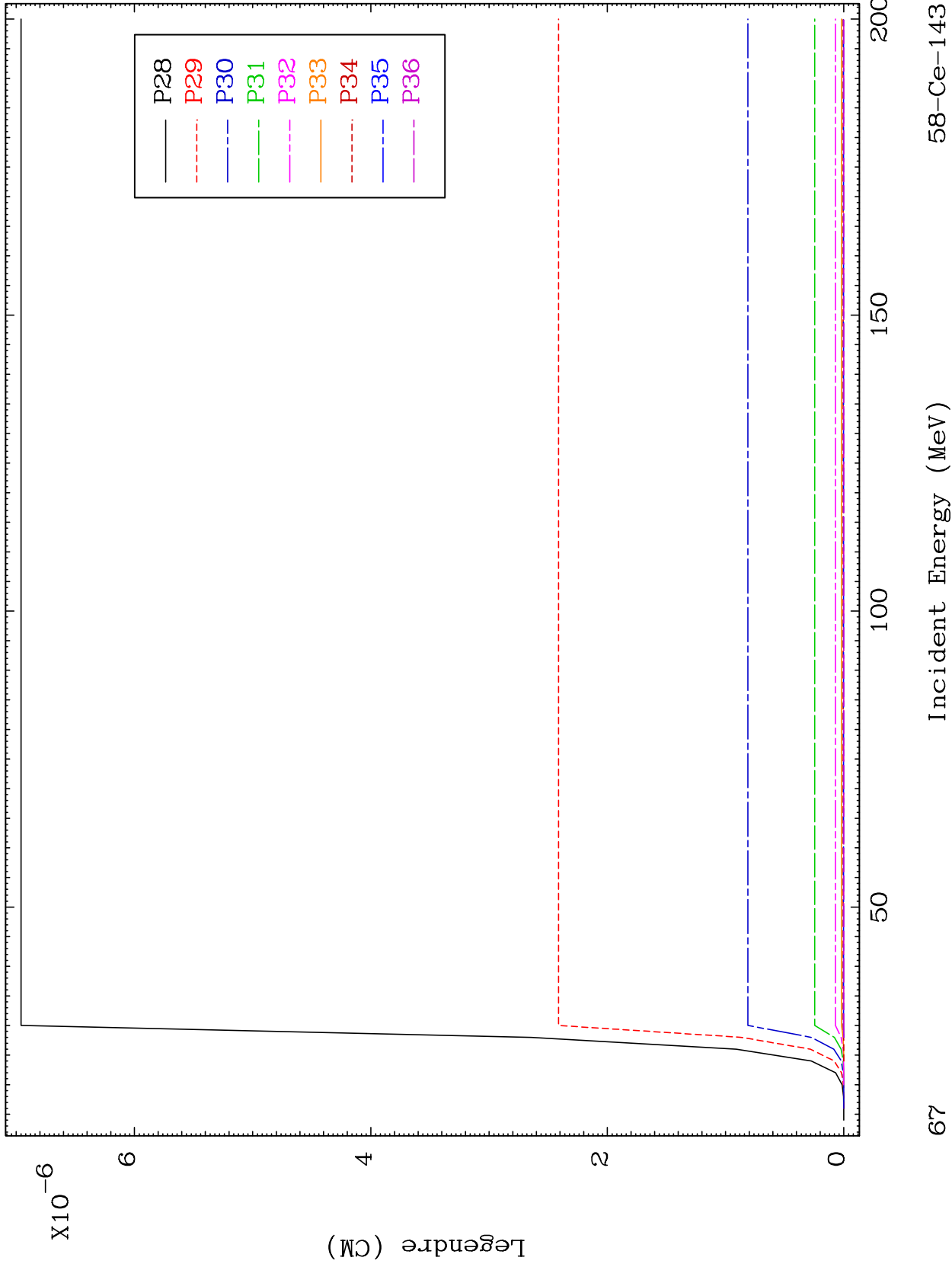
Incident Energy (MeV)

58-Ce-143

MAT 5846

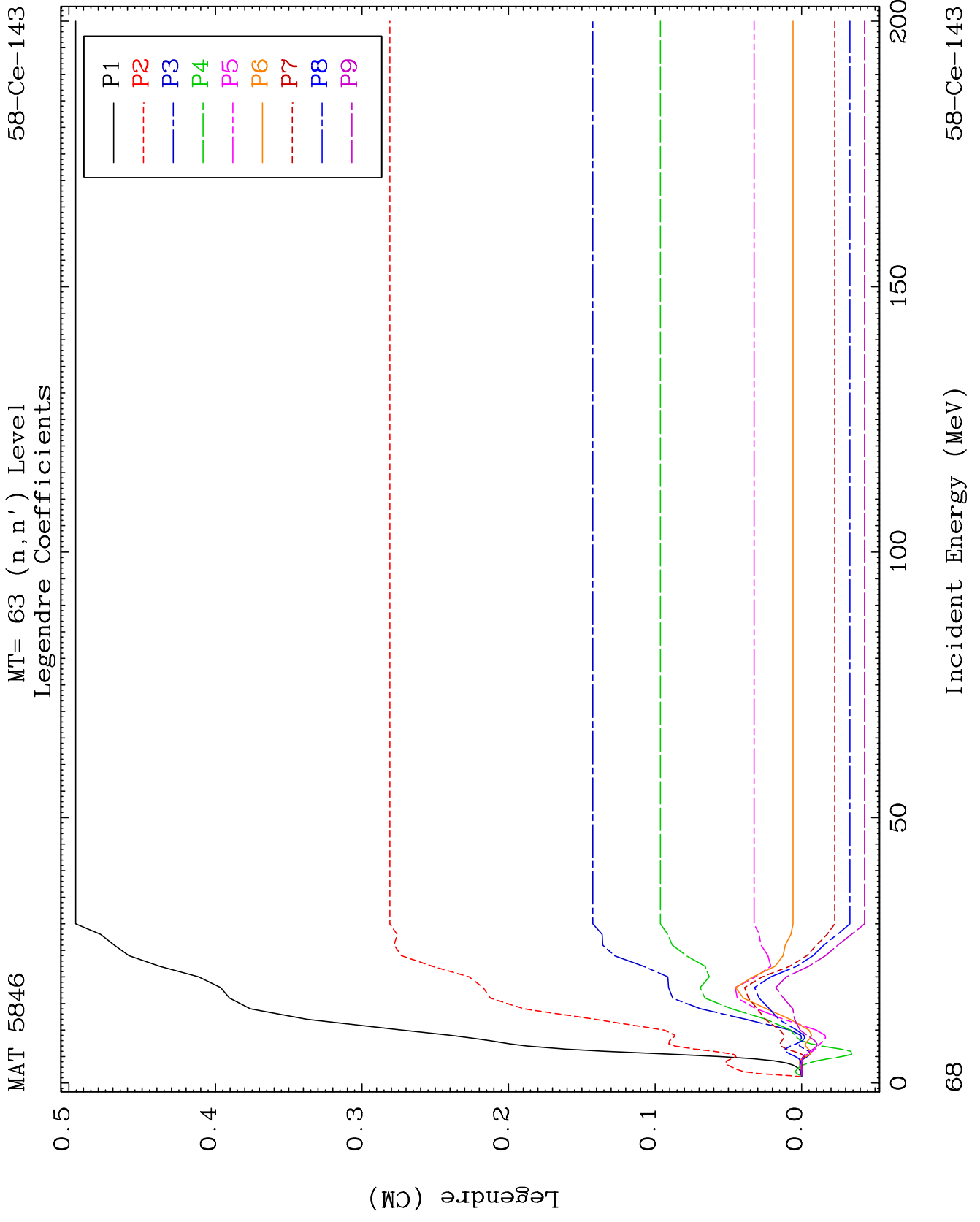
MT= 62 (n,n') Level
Legendre Coefficients

58-Ce-143



67

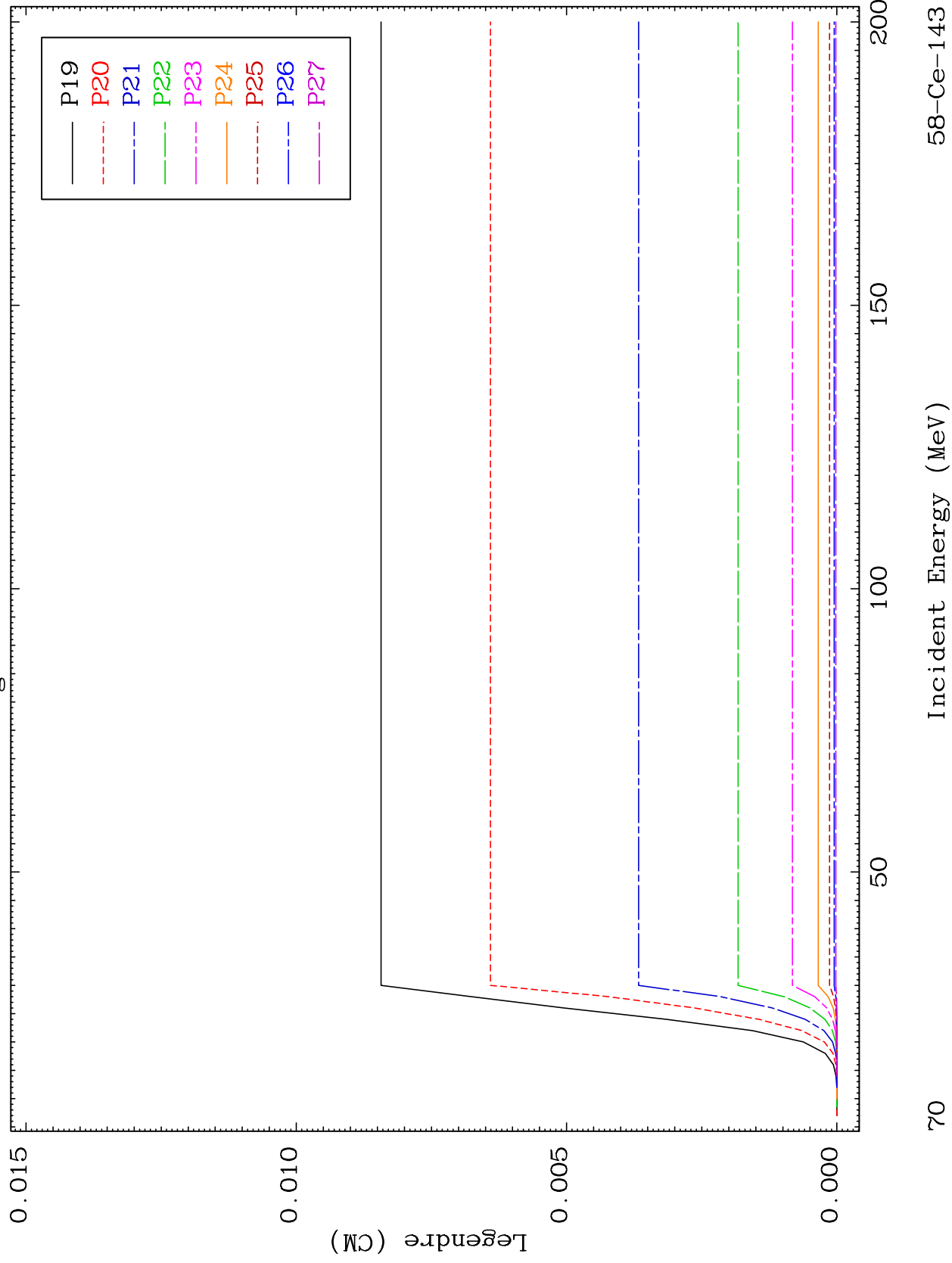
58-Ce-143



MAT 5846

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

58-Ce-143



58-Ce-143

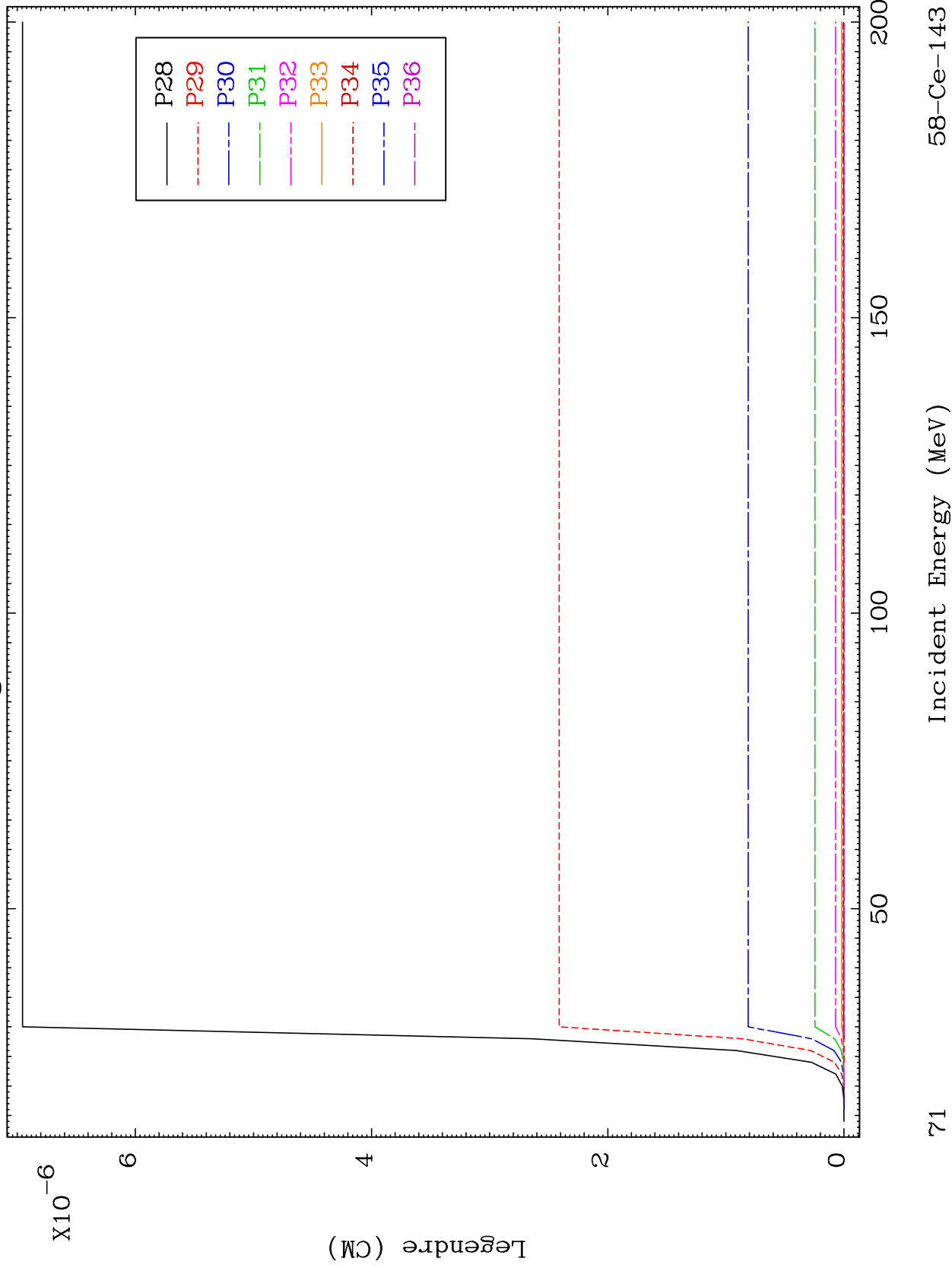
Incident Energy (MeV)

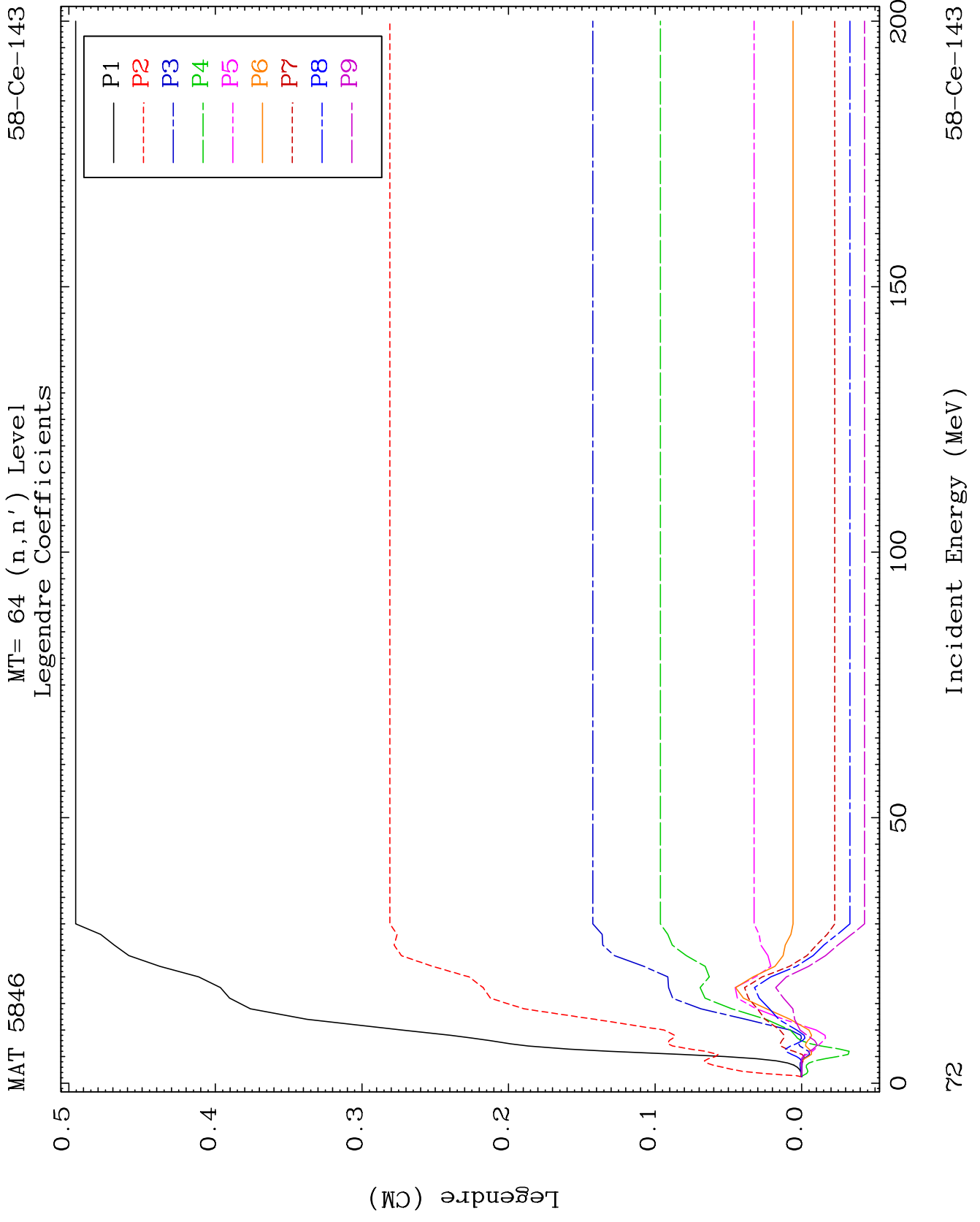
70

MAT 5846

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

58-Ce-143

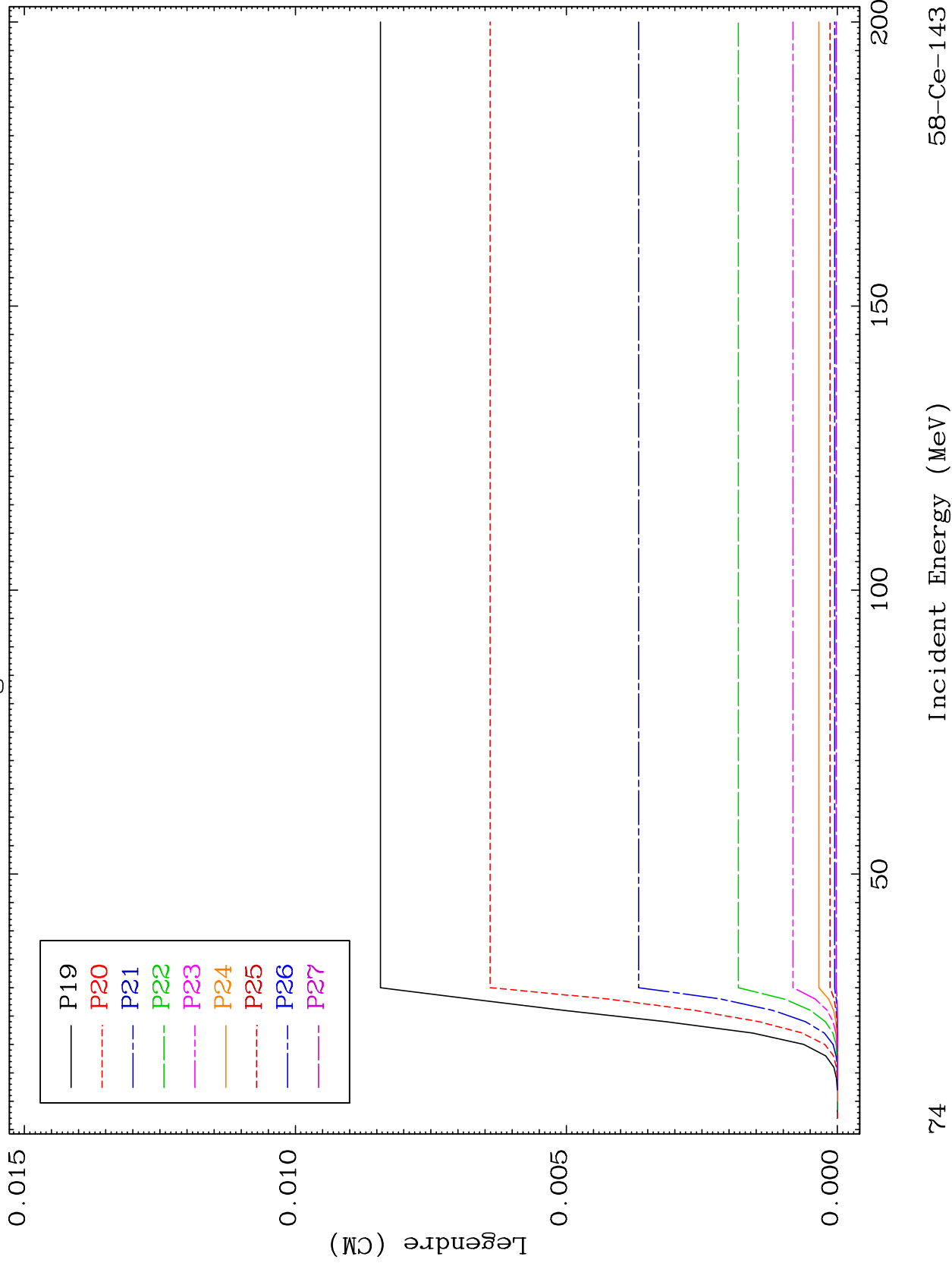




MAT 5846

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

58-Ce-143



74

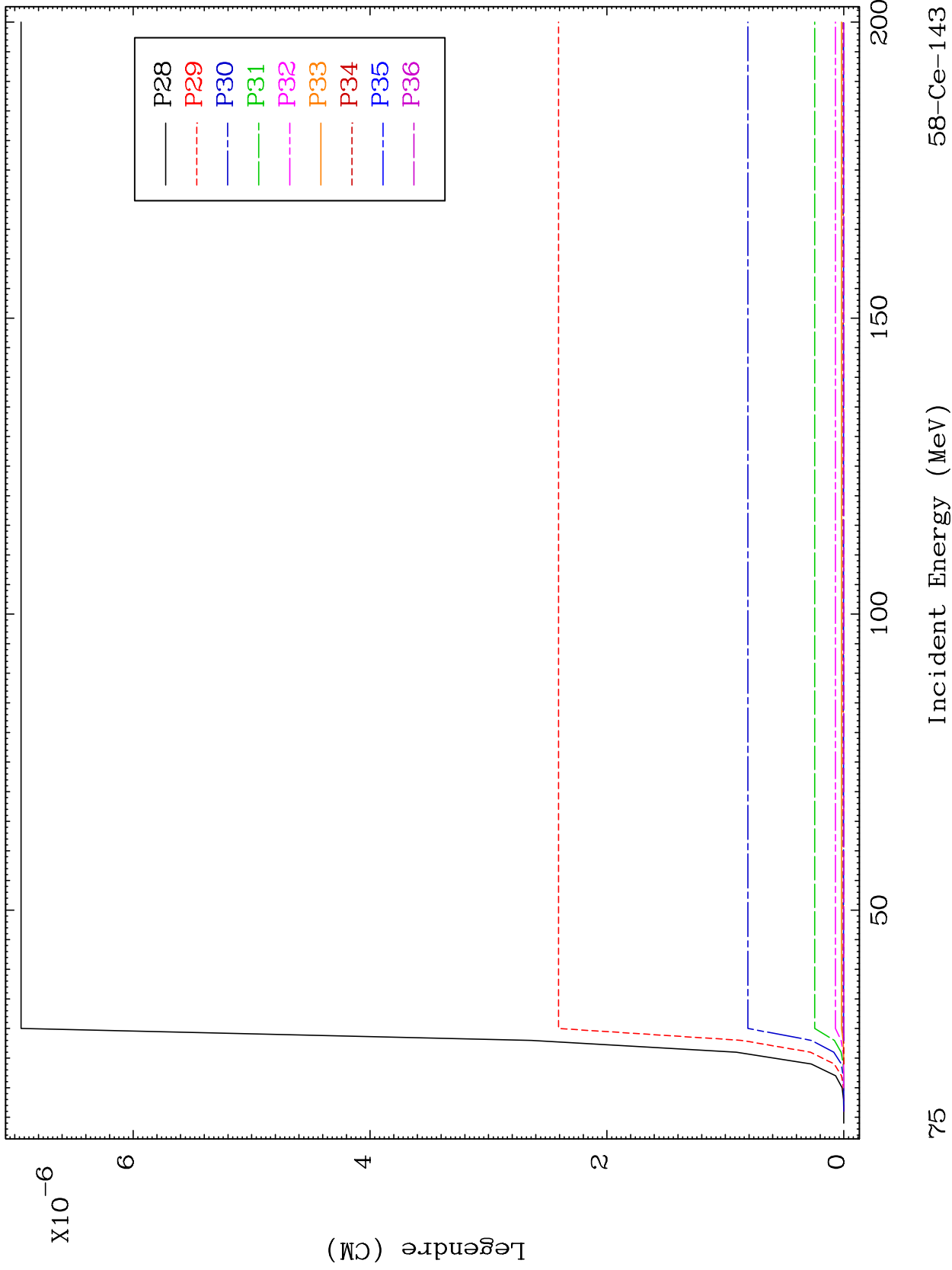
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



75

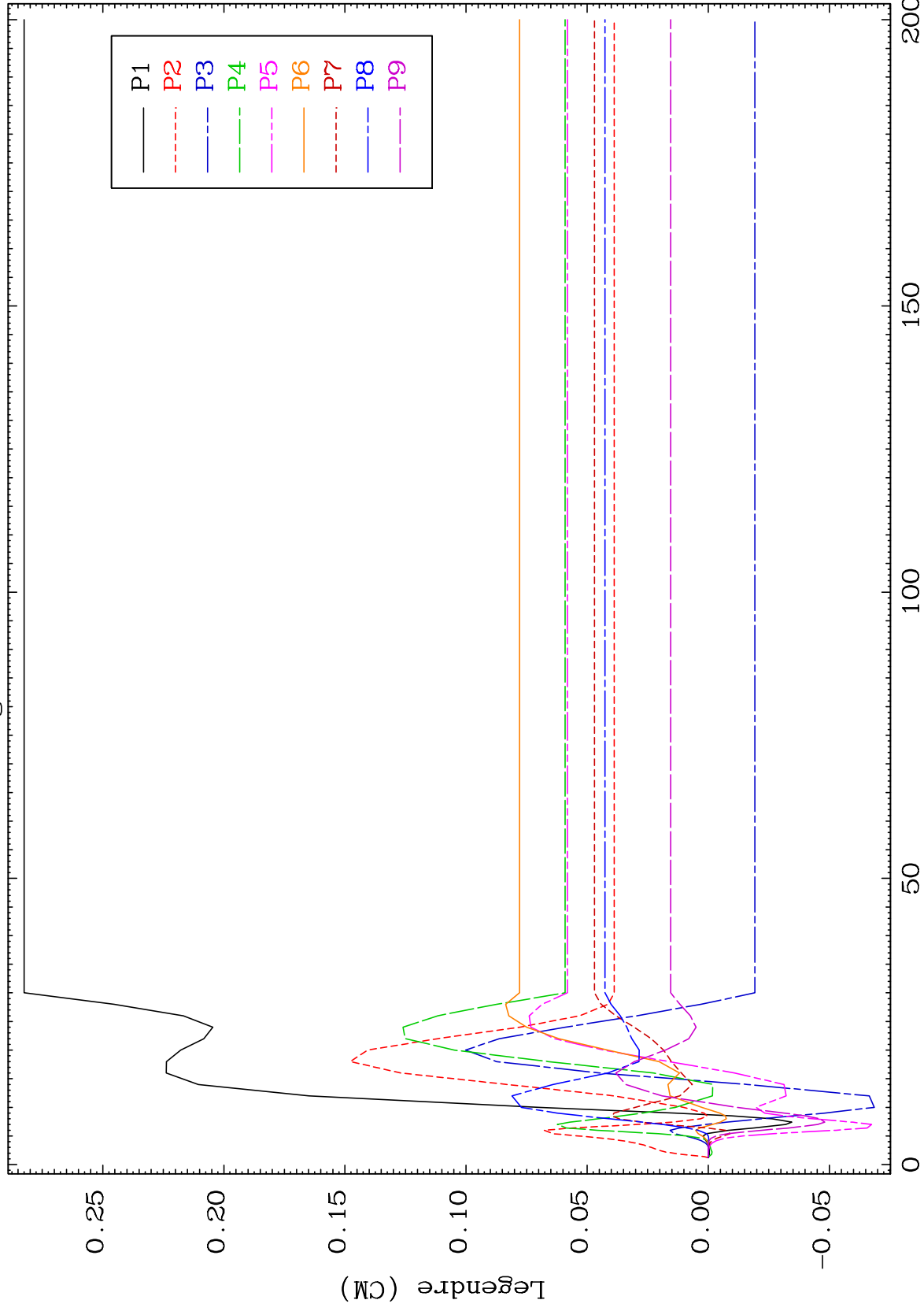
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



76

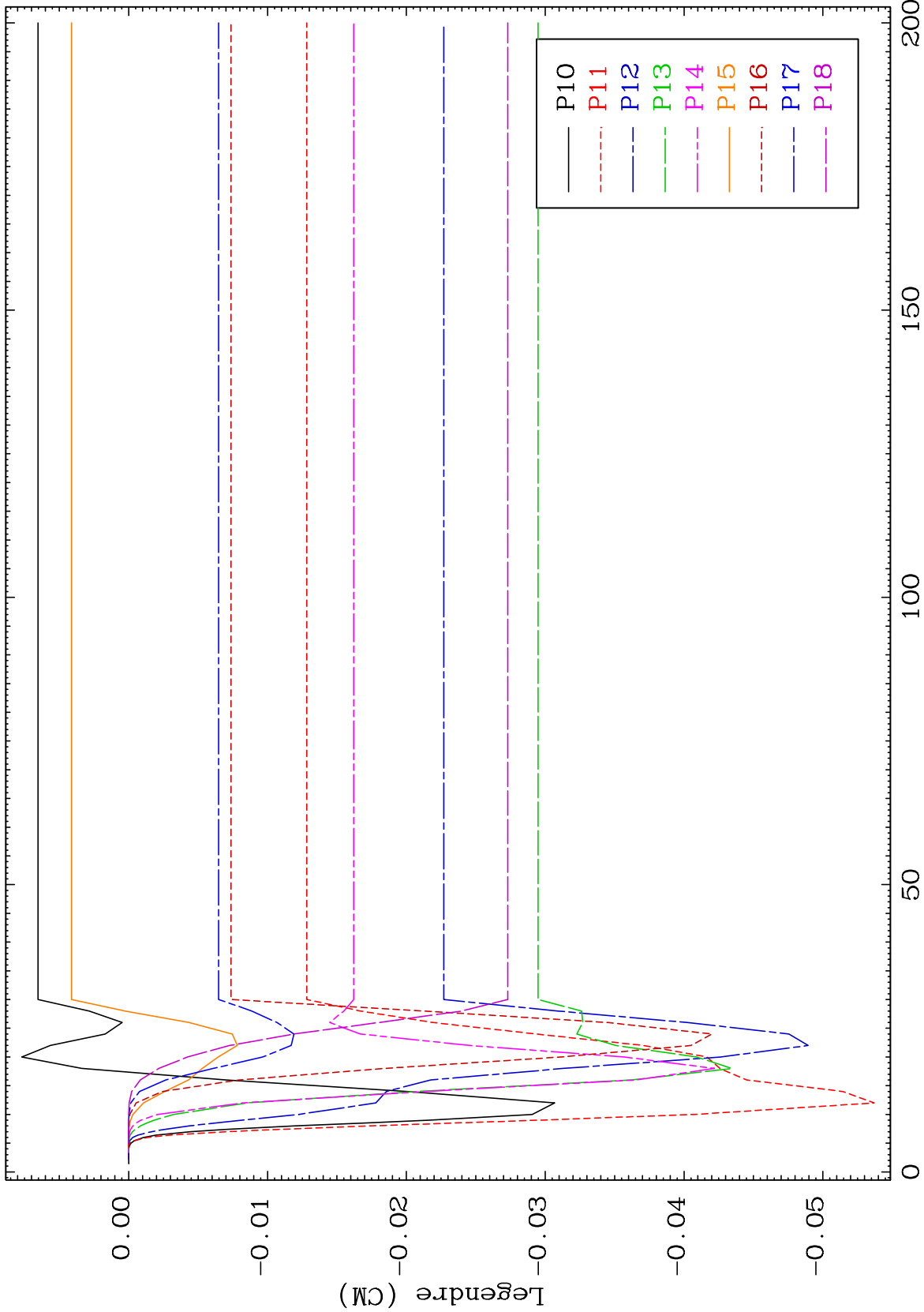
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143

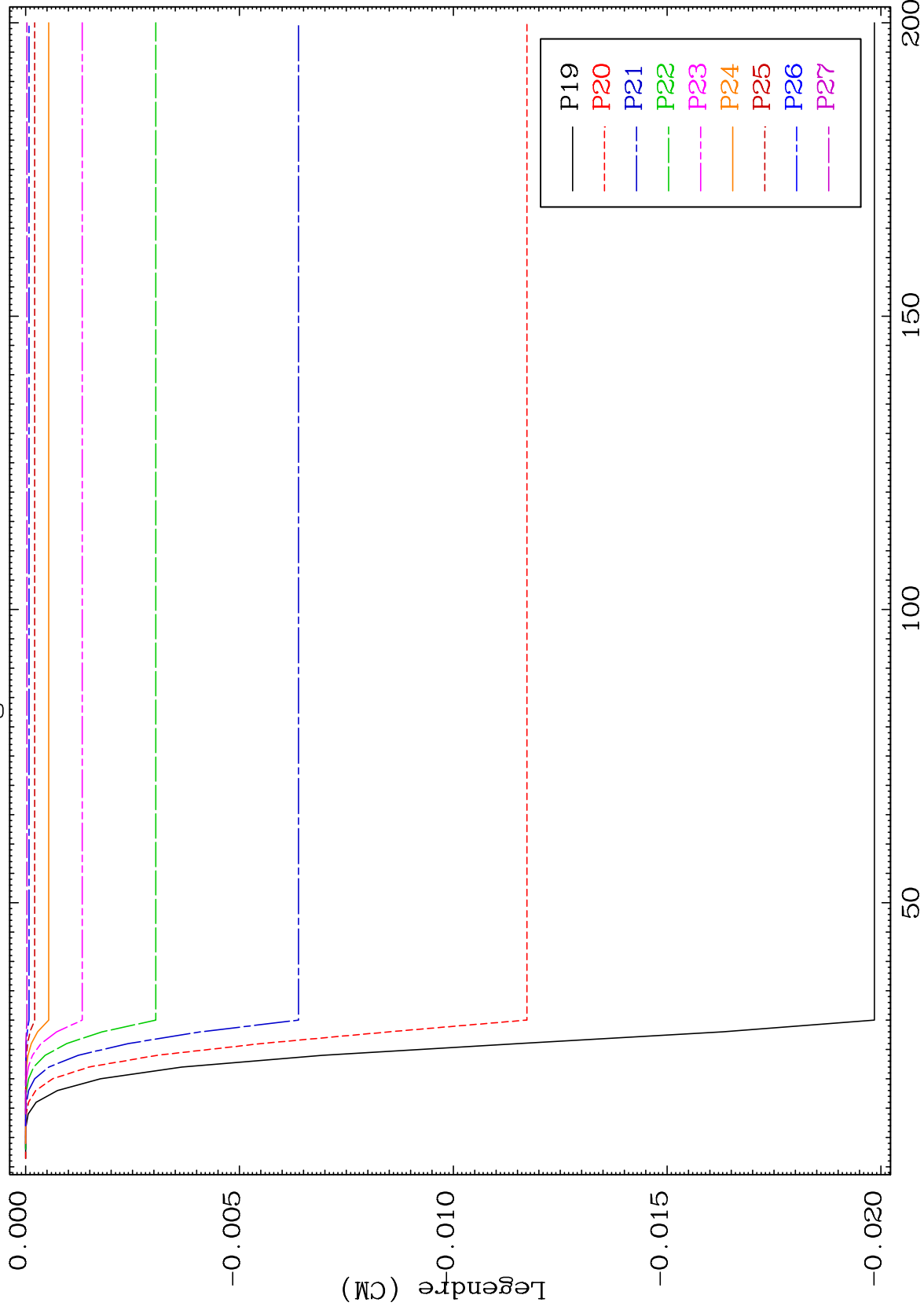


77

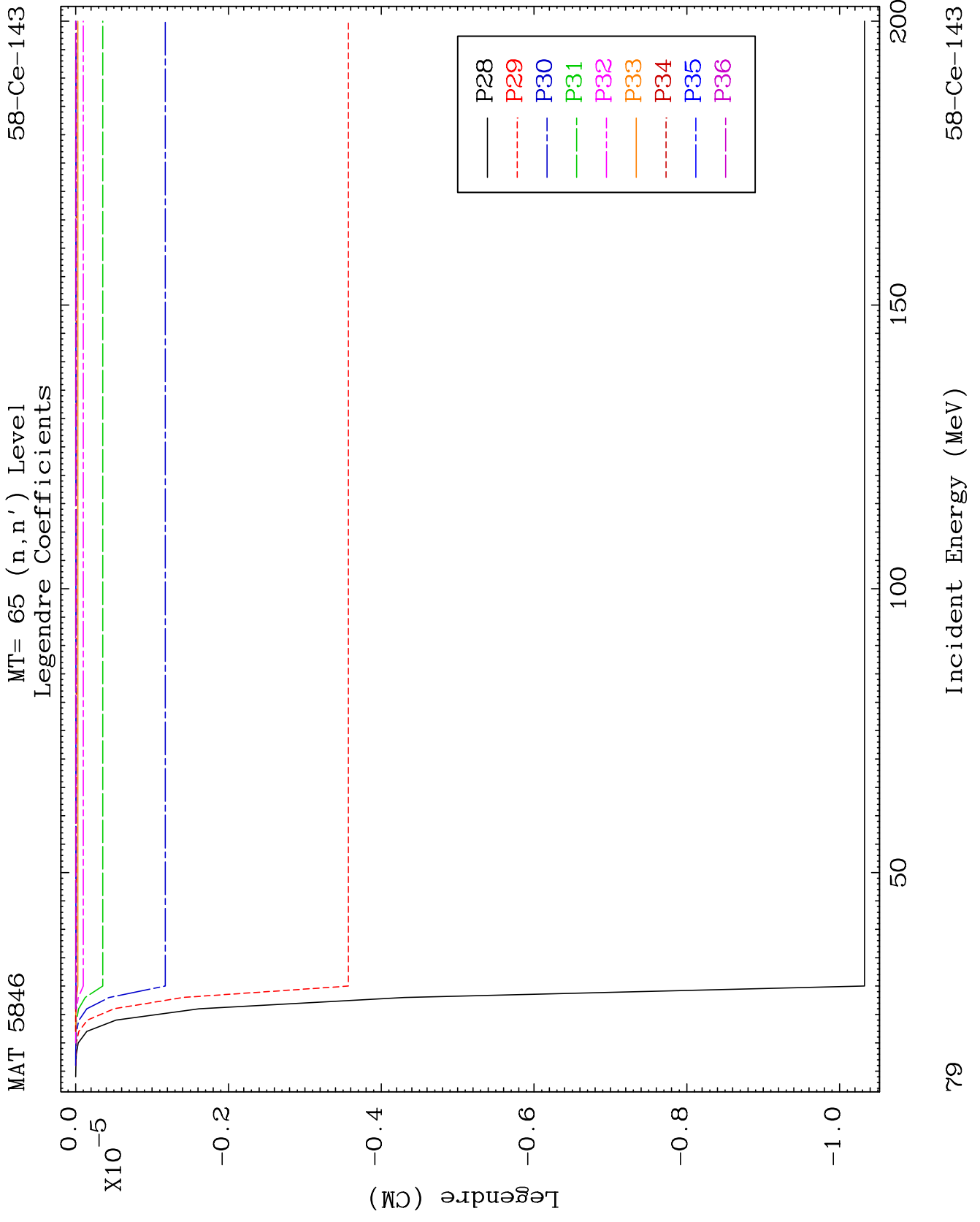
Incident Energy (MeV)

58-Ce-143

MAT 5846 MT= 65 (n,n') Level Legendre Coefficients 58-Ce-143



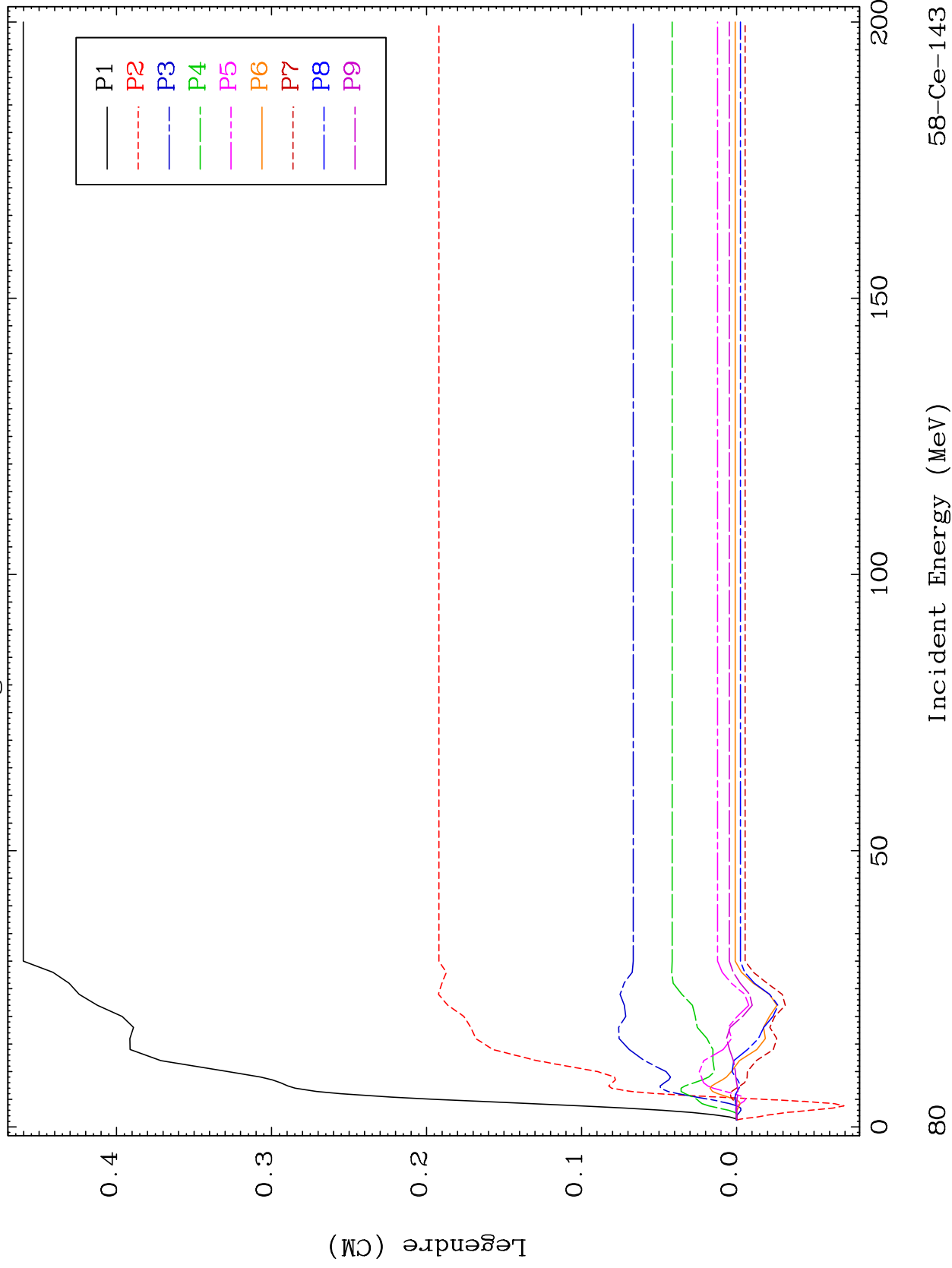
78 Incident Energy (MeV) 58-Ce-143



MAT 5846

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

58-Ce-143



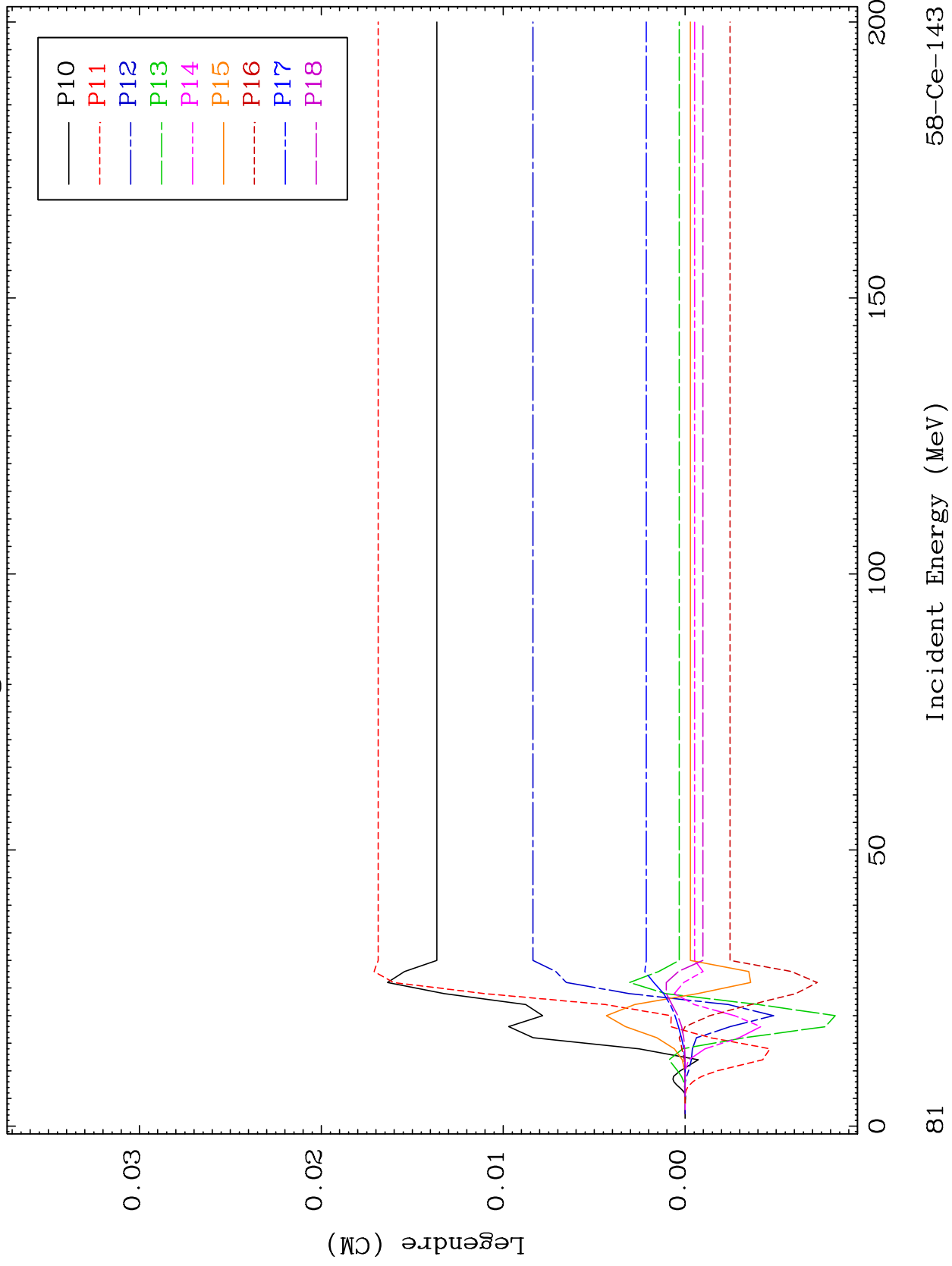
58-Ce-143

Incident Energy (MeV)

MAT 5846

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

58-Ce-143



58-Ce-143

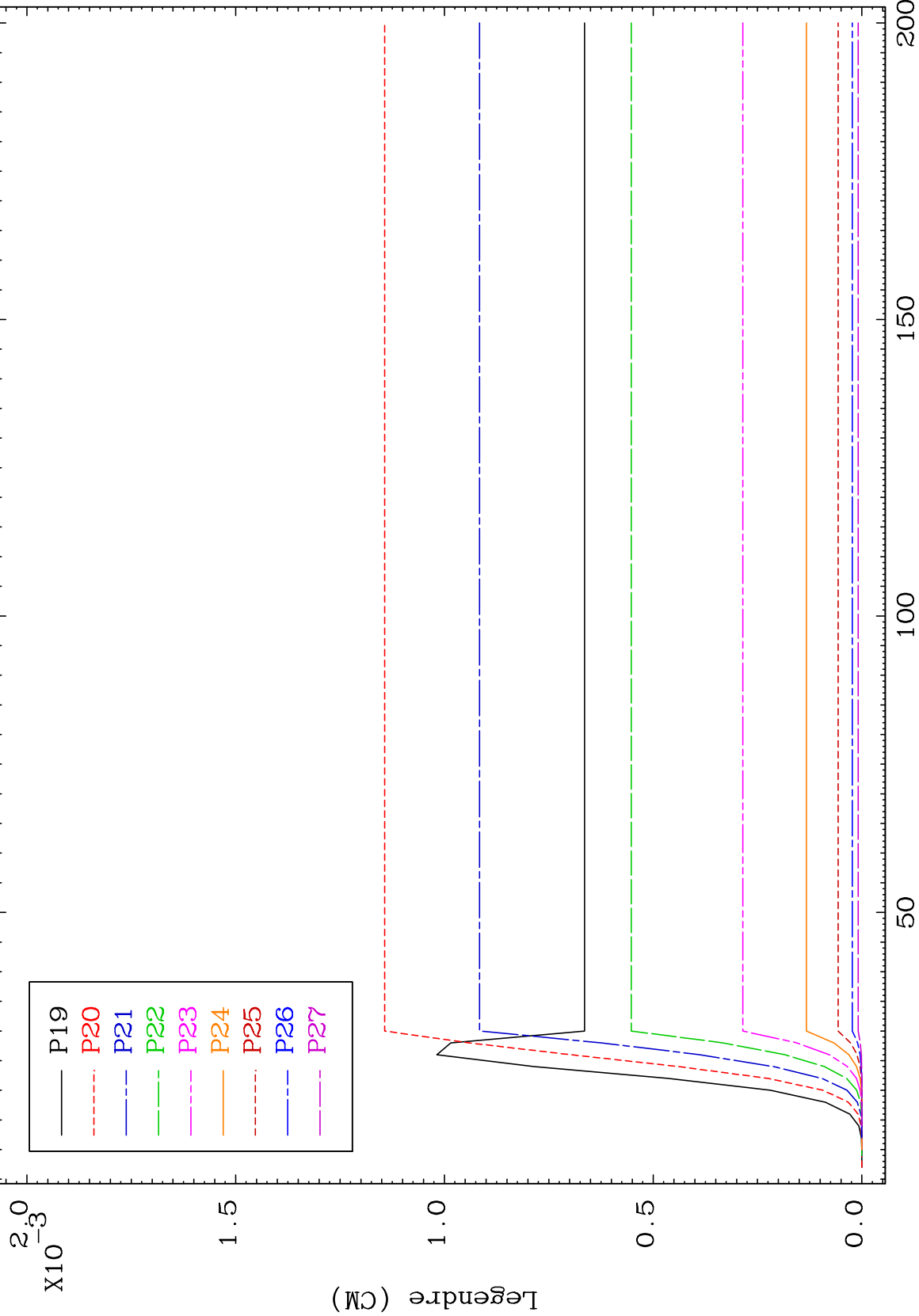
Incident Energy (MeV)

81

MAT 5846

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

58-Ce-143



82

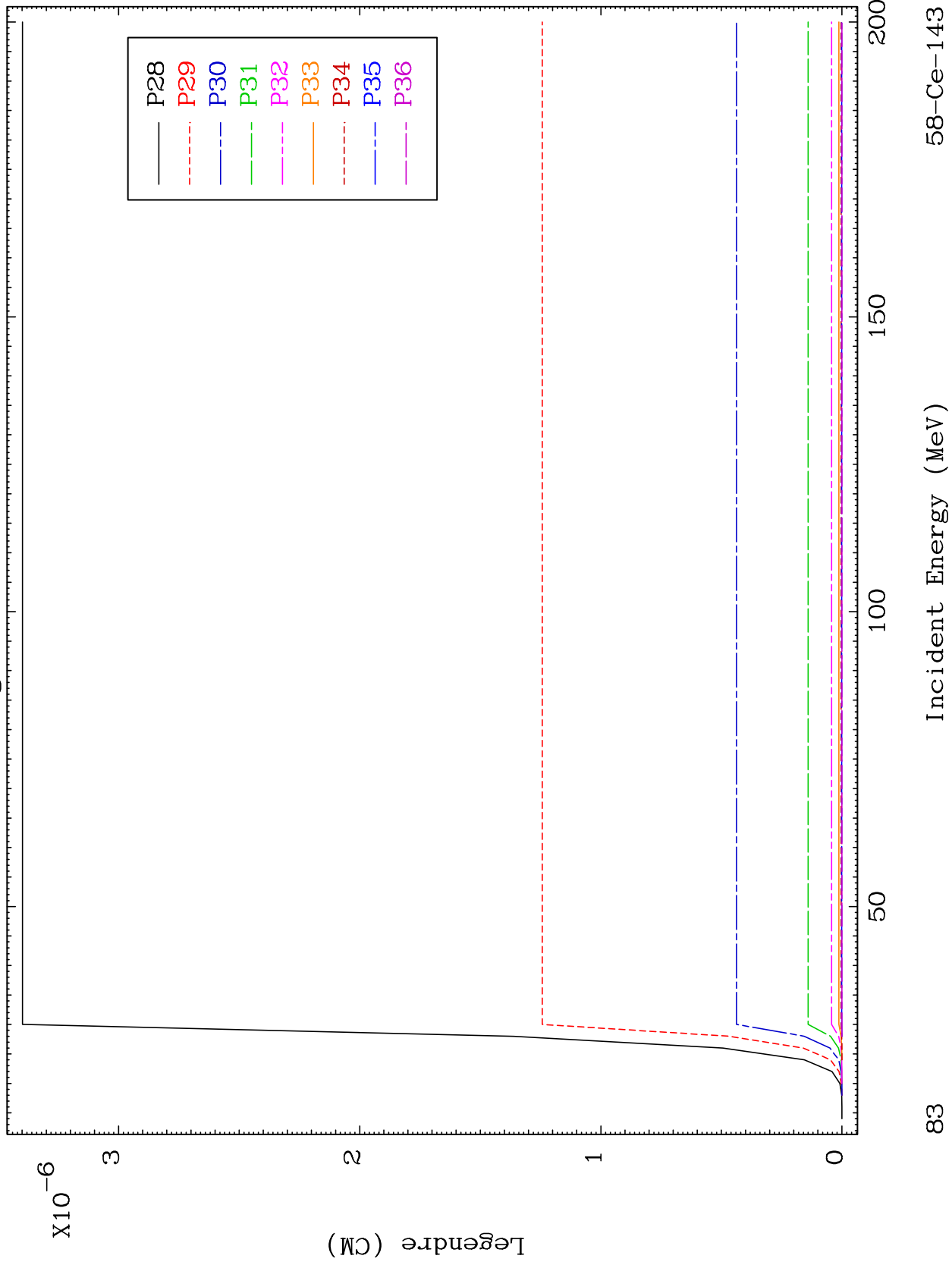
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

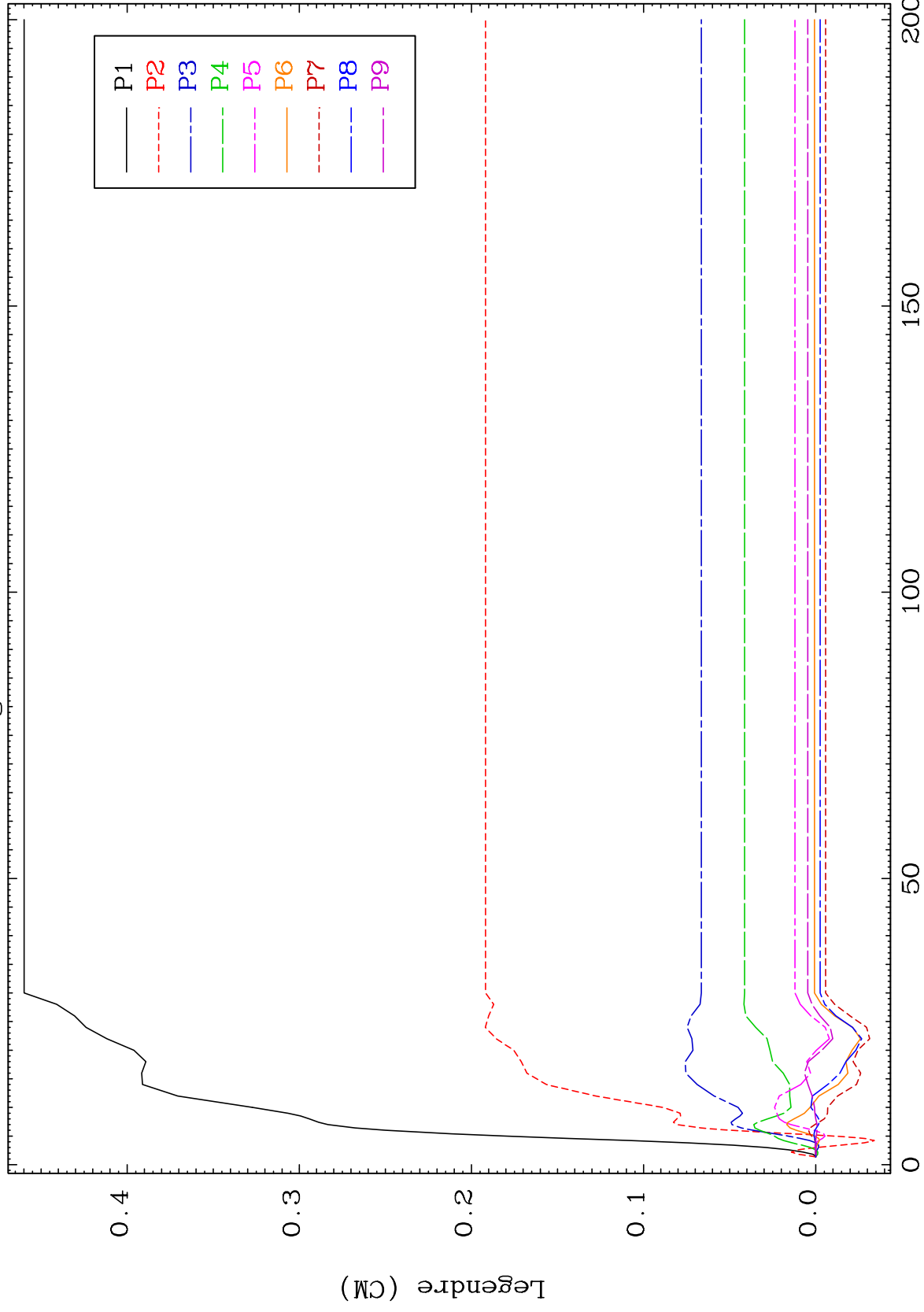
58-Ce-143



MAT 5846

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

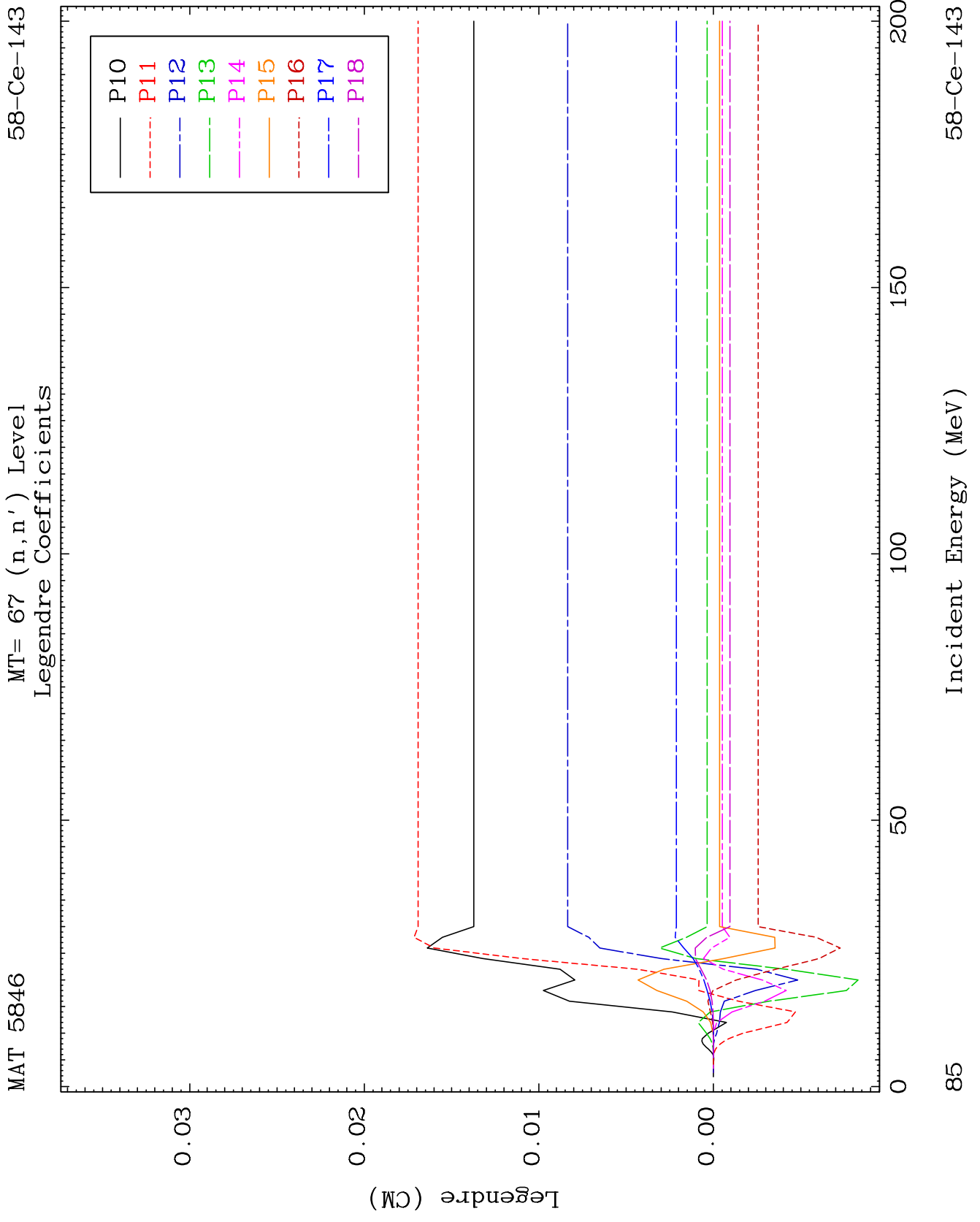
58-Ce-143

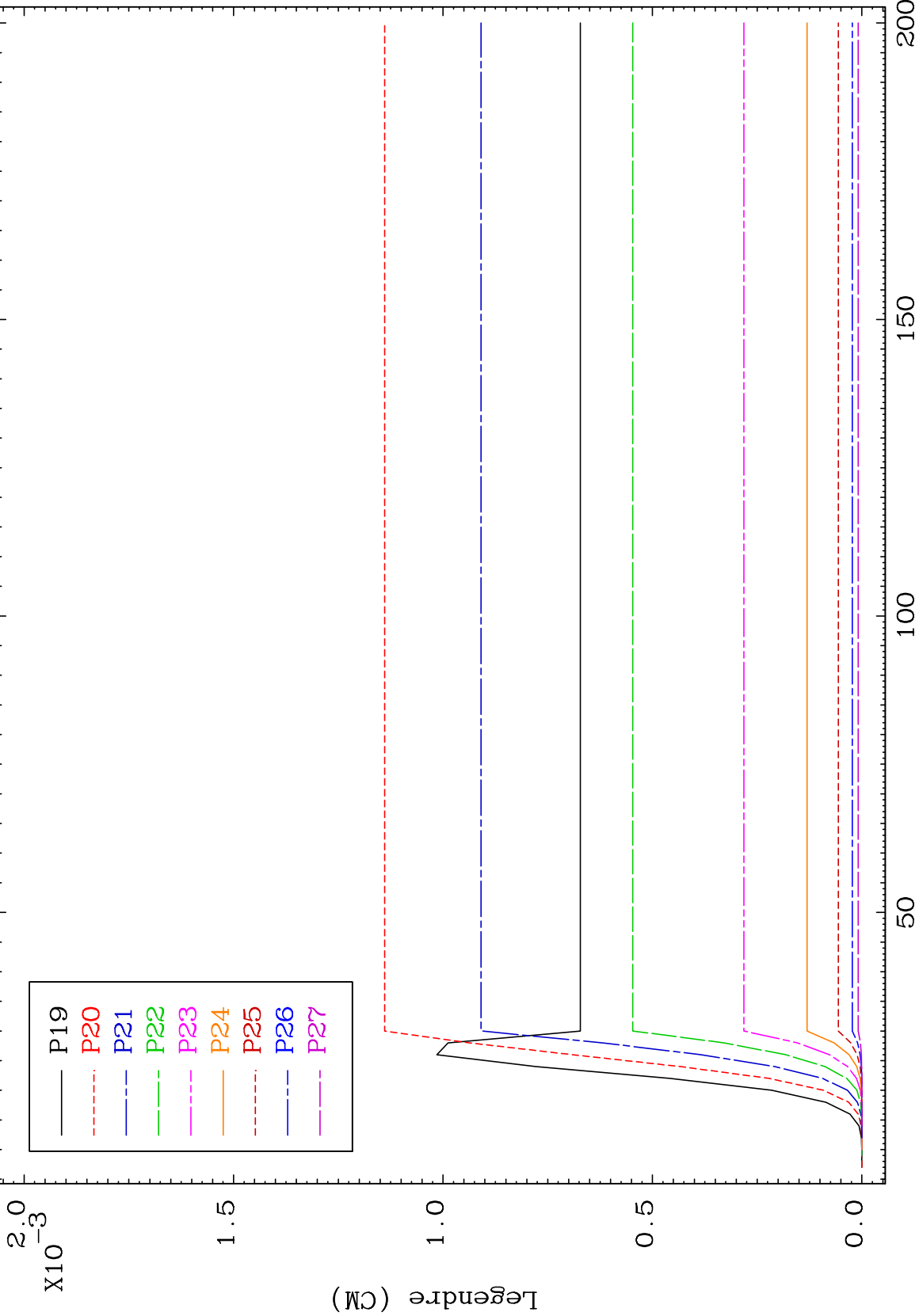


84

Incident Energy (MeV)

58-Ce-143

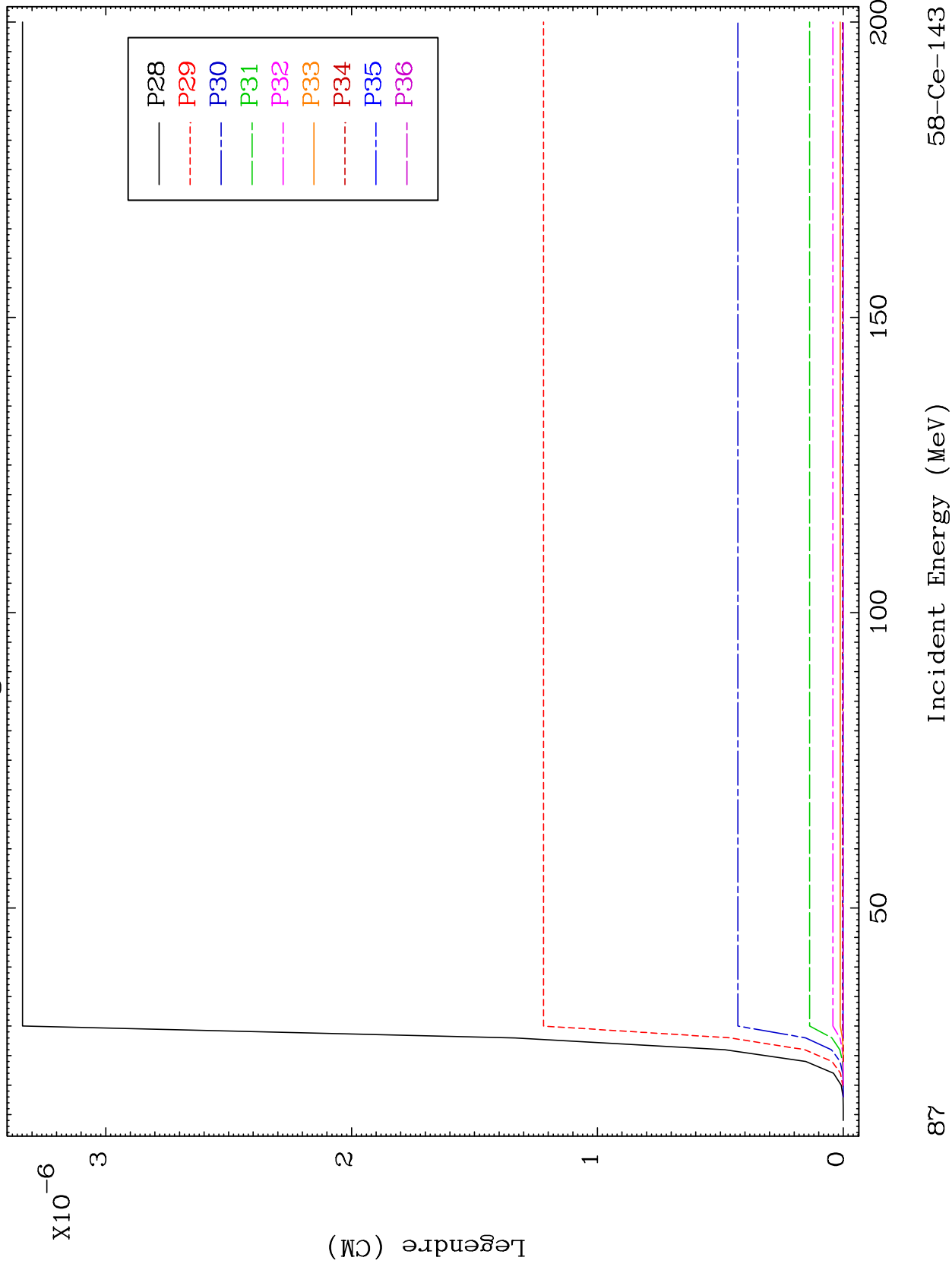




MAT 5846

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

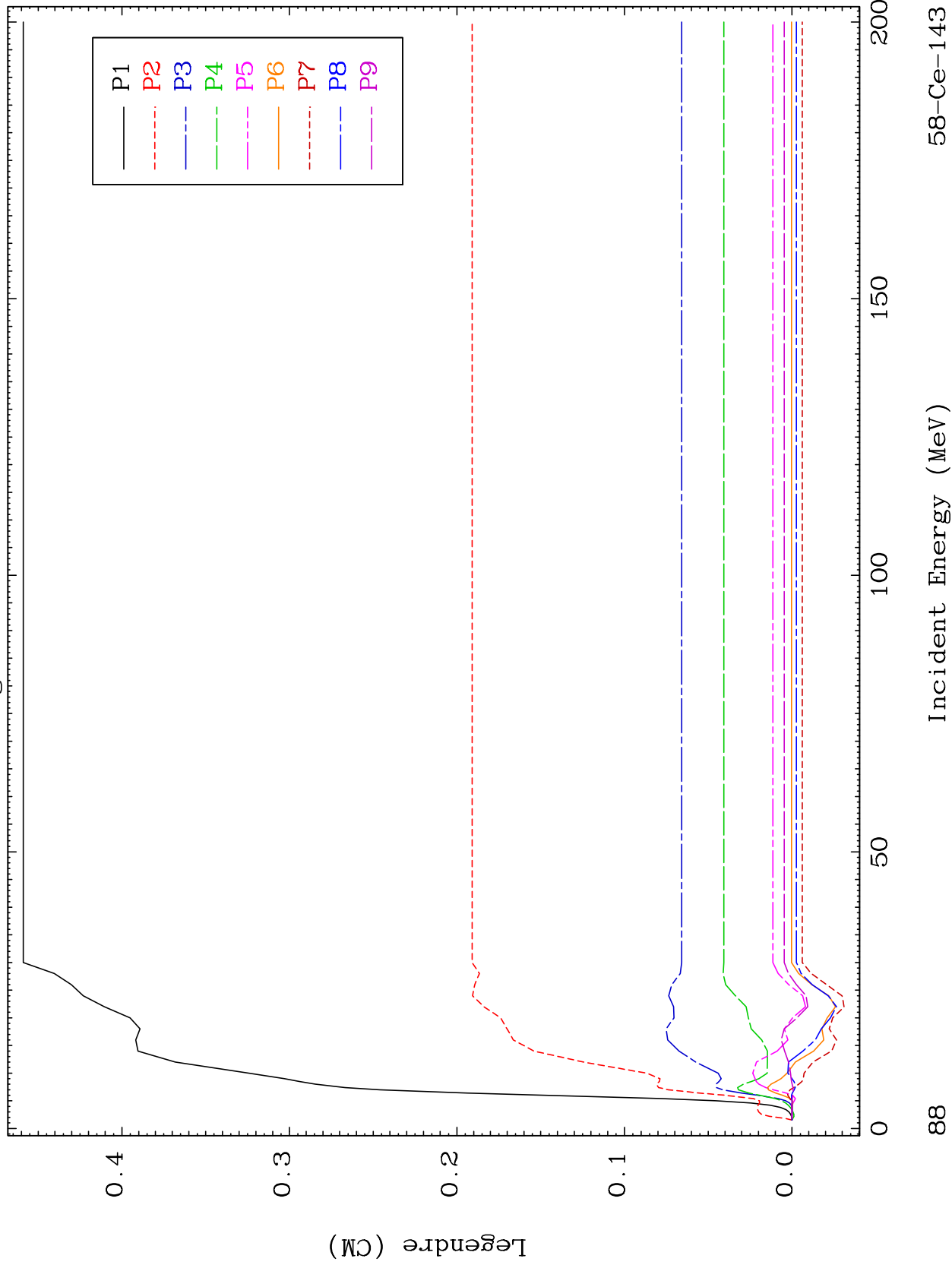
58-Ce-143



MAT 5846

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

58-Ce-143



58-Ce-143

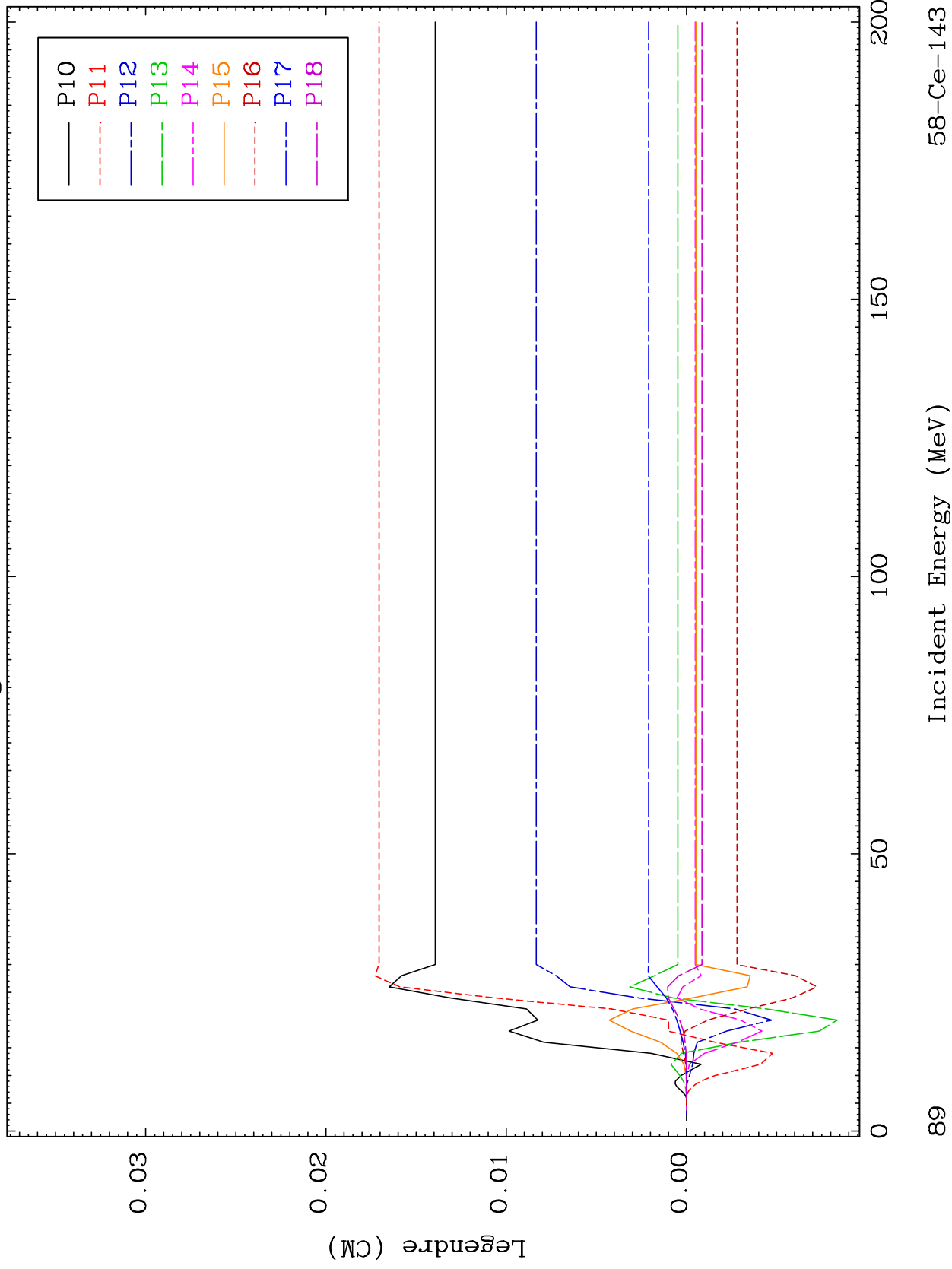
Incident Energy (MeV)

88

MAT 5846

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

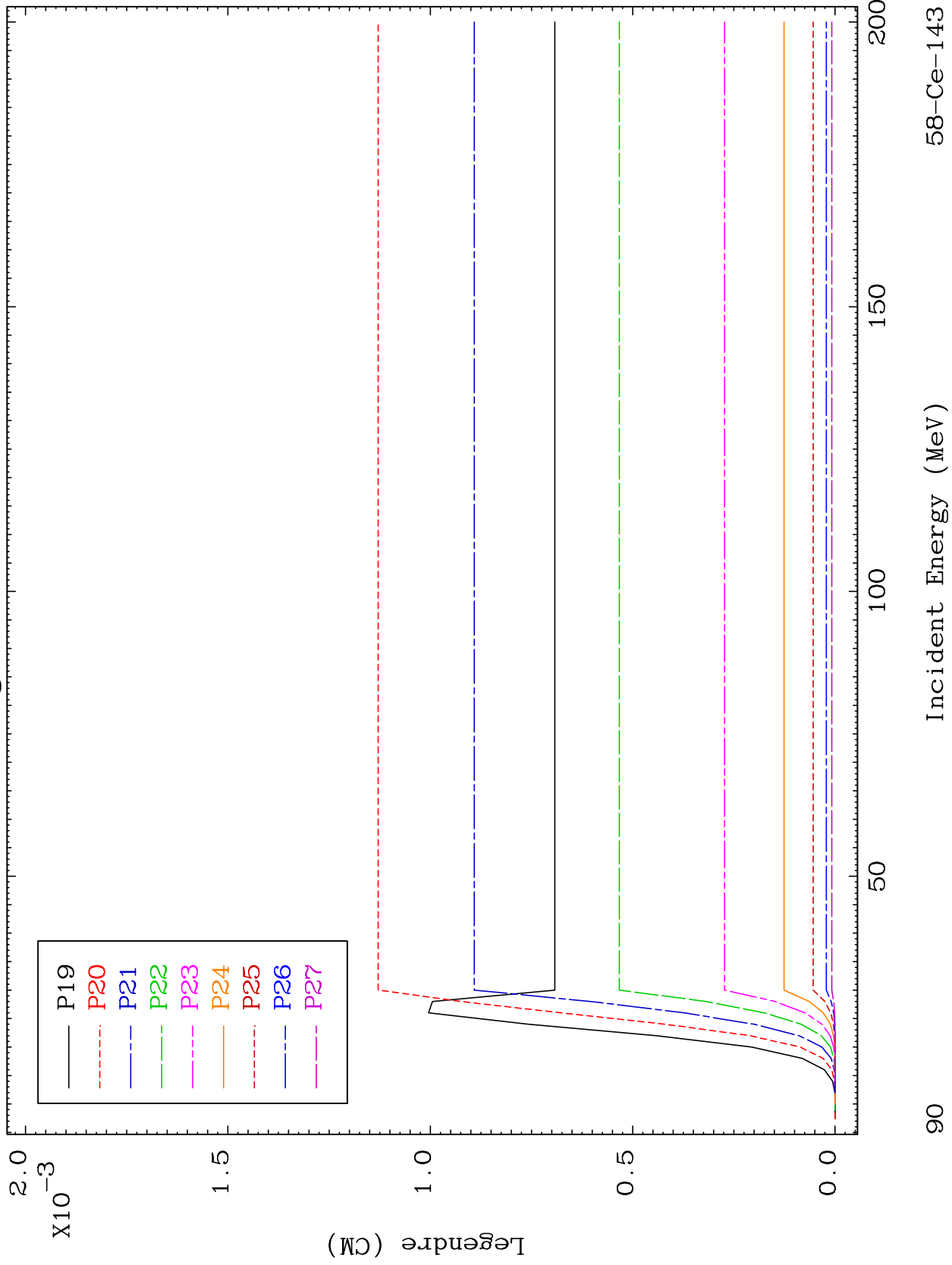
58-Ce-143



MAT 5846

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

58-Ce-143



90

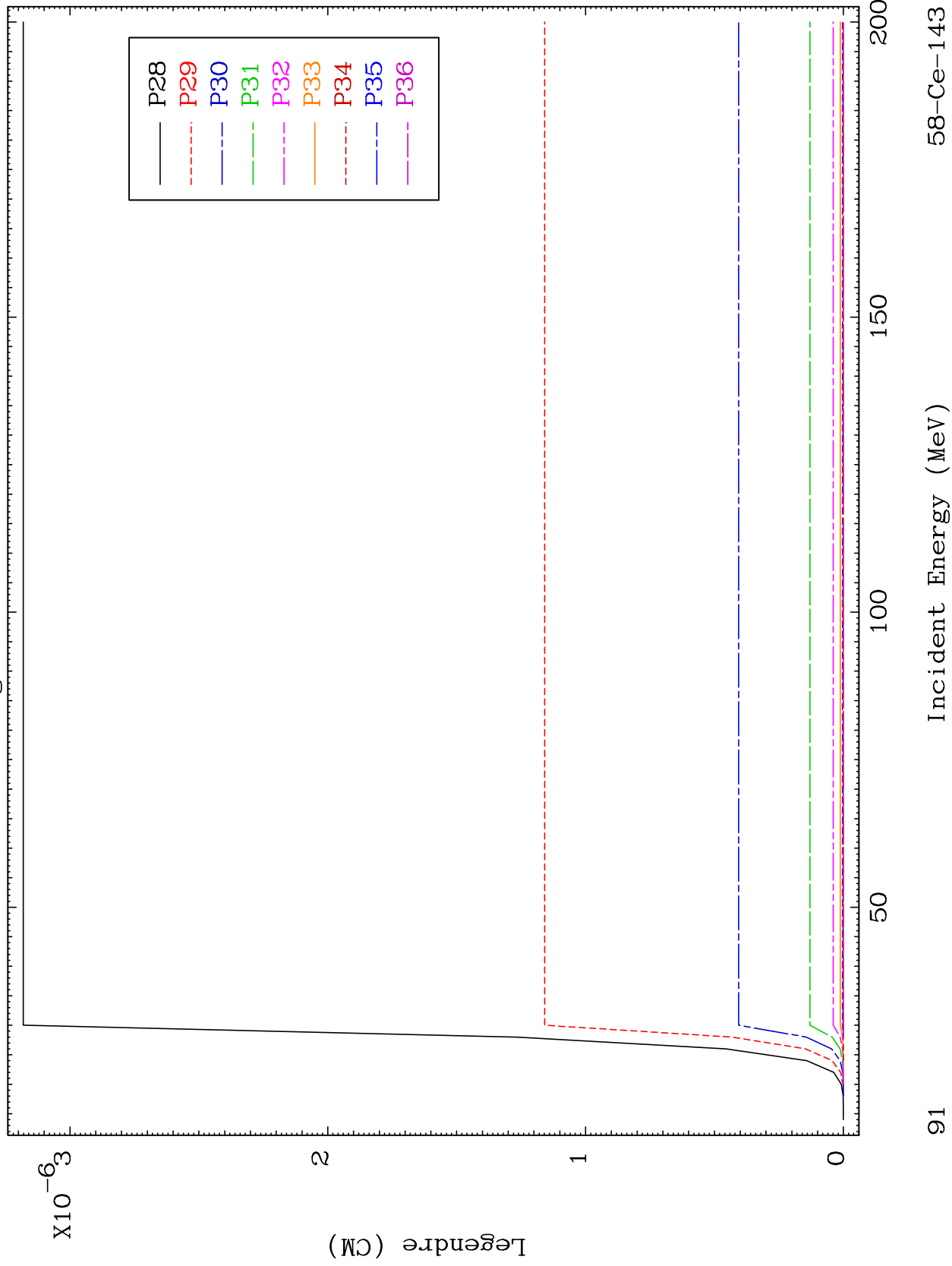
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

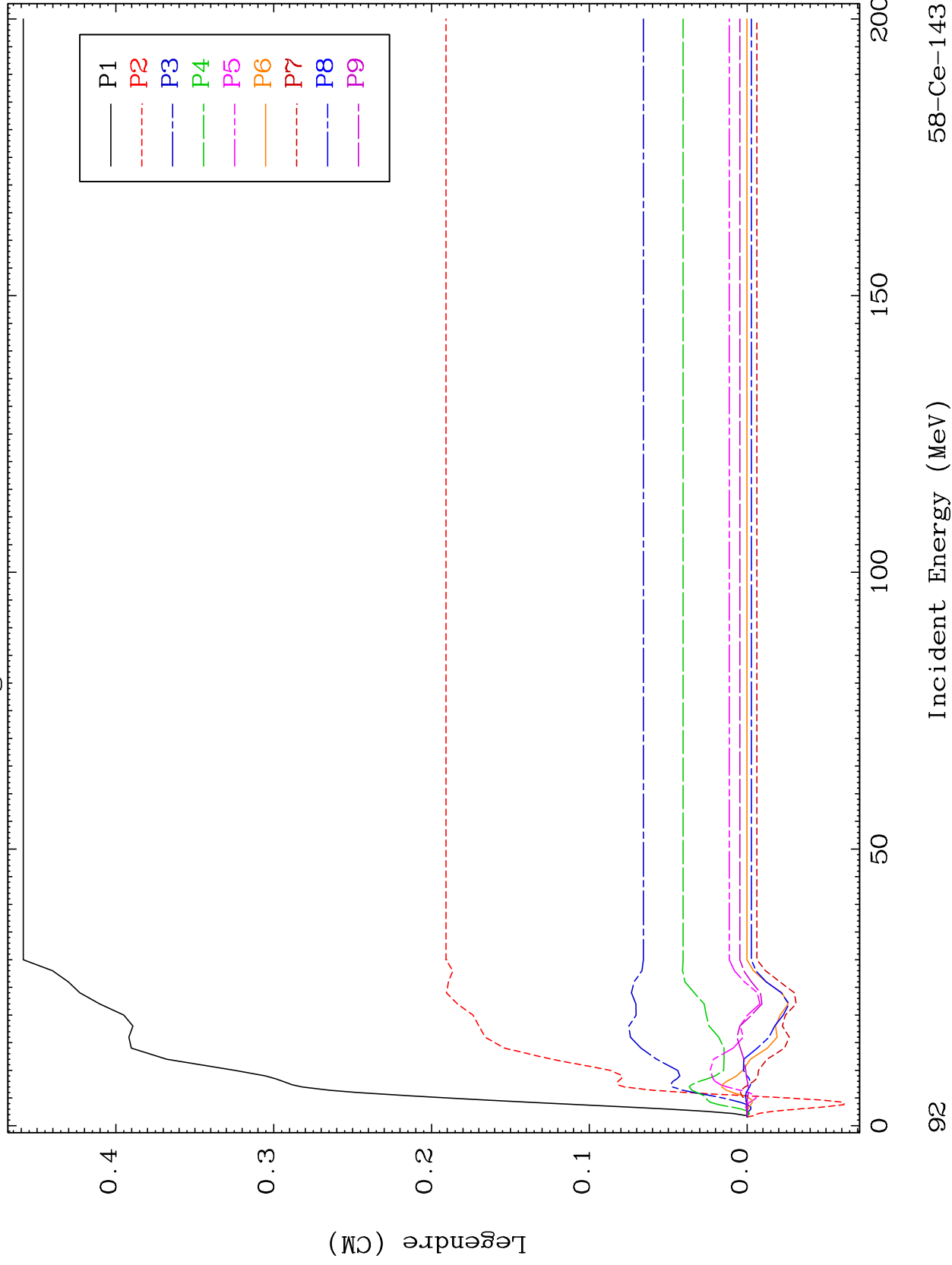
58-Ce-143



MAT 5846

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

58-Ce-143



58-Ce-143

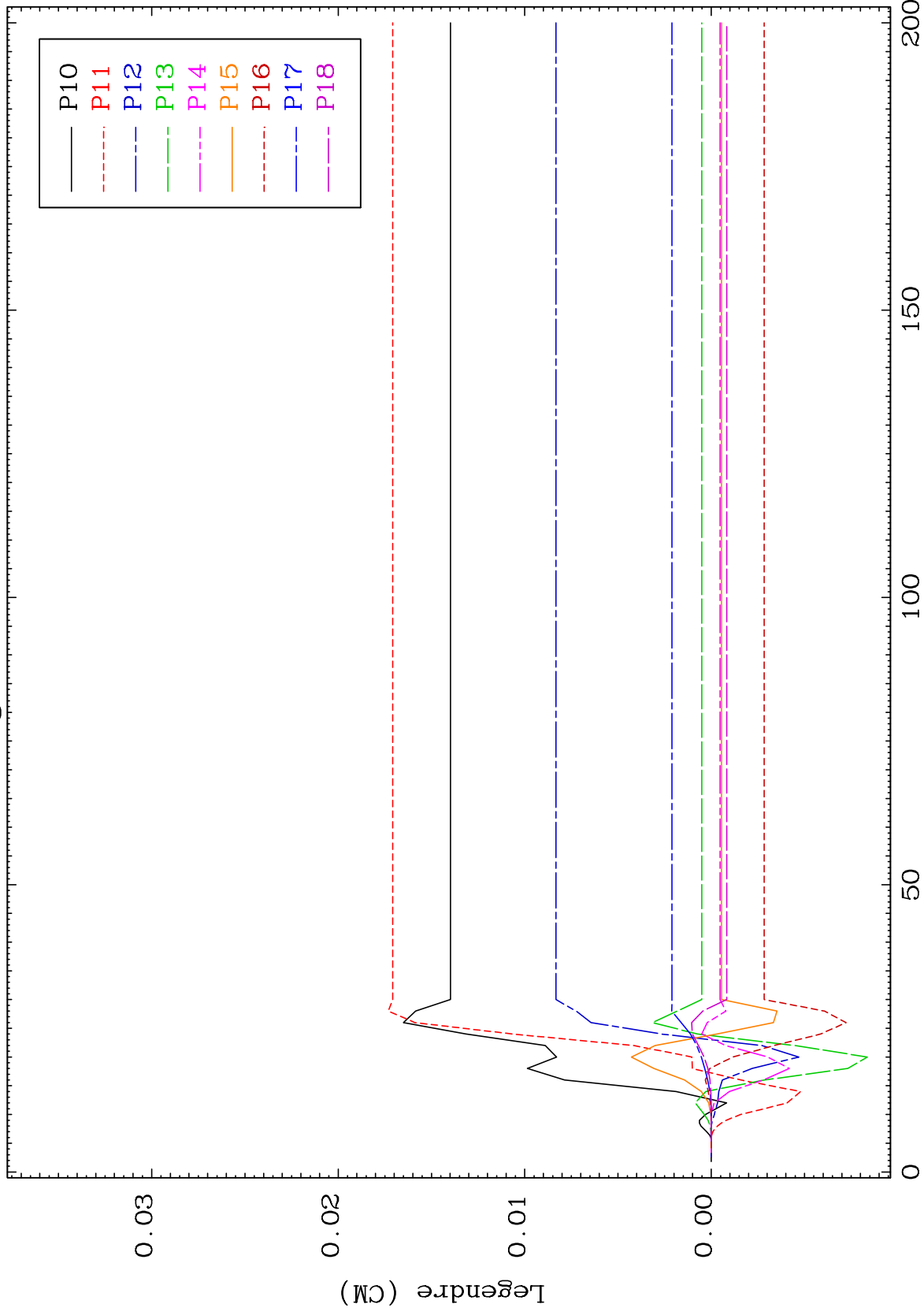
Incident Energy (MeV)

92

MAT 5846

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

58-Ce-143



93

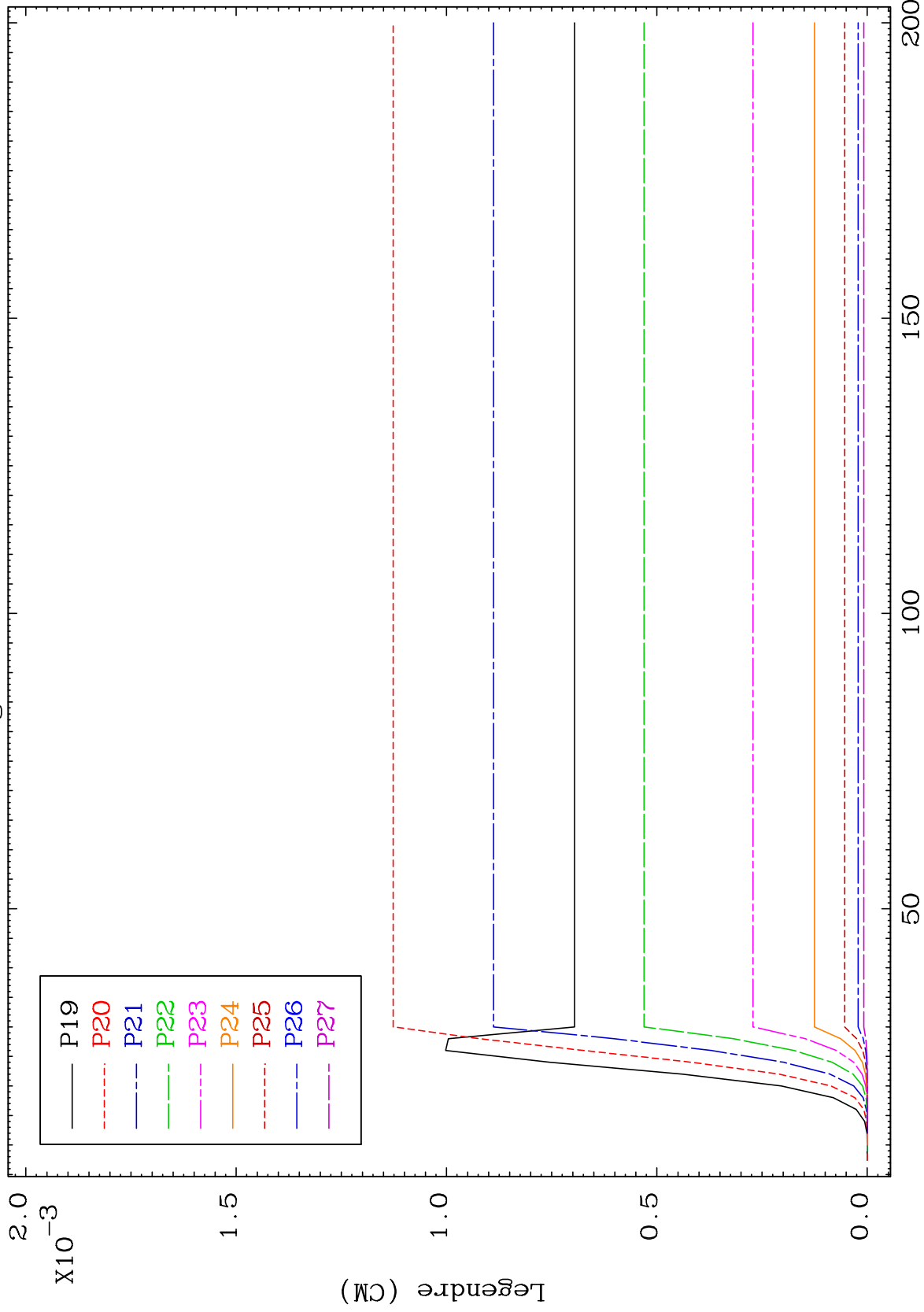
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



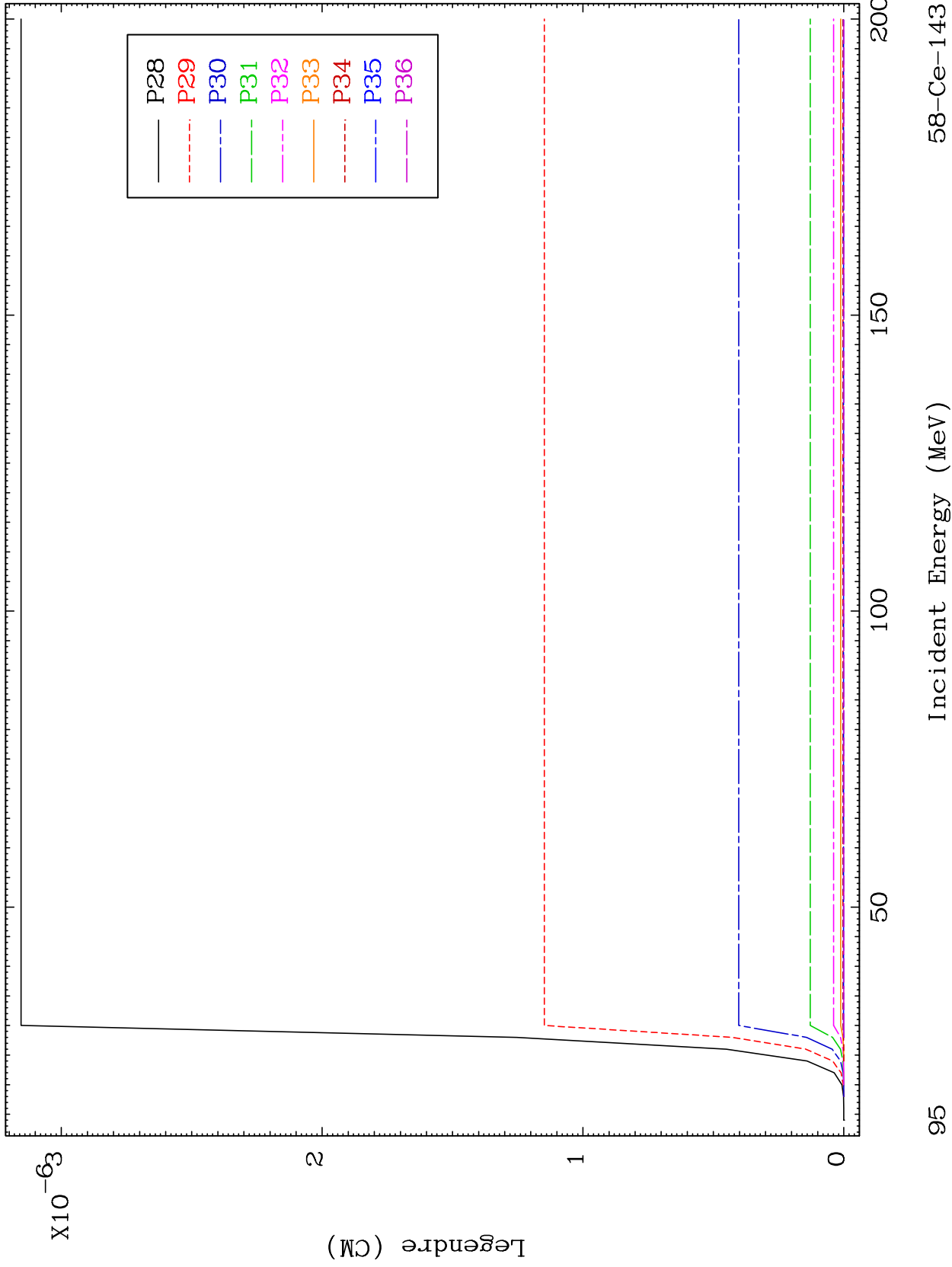
94

58-Ce-143

MAT 5846

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

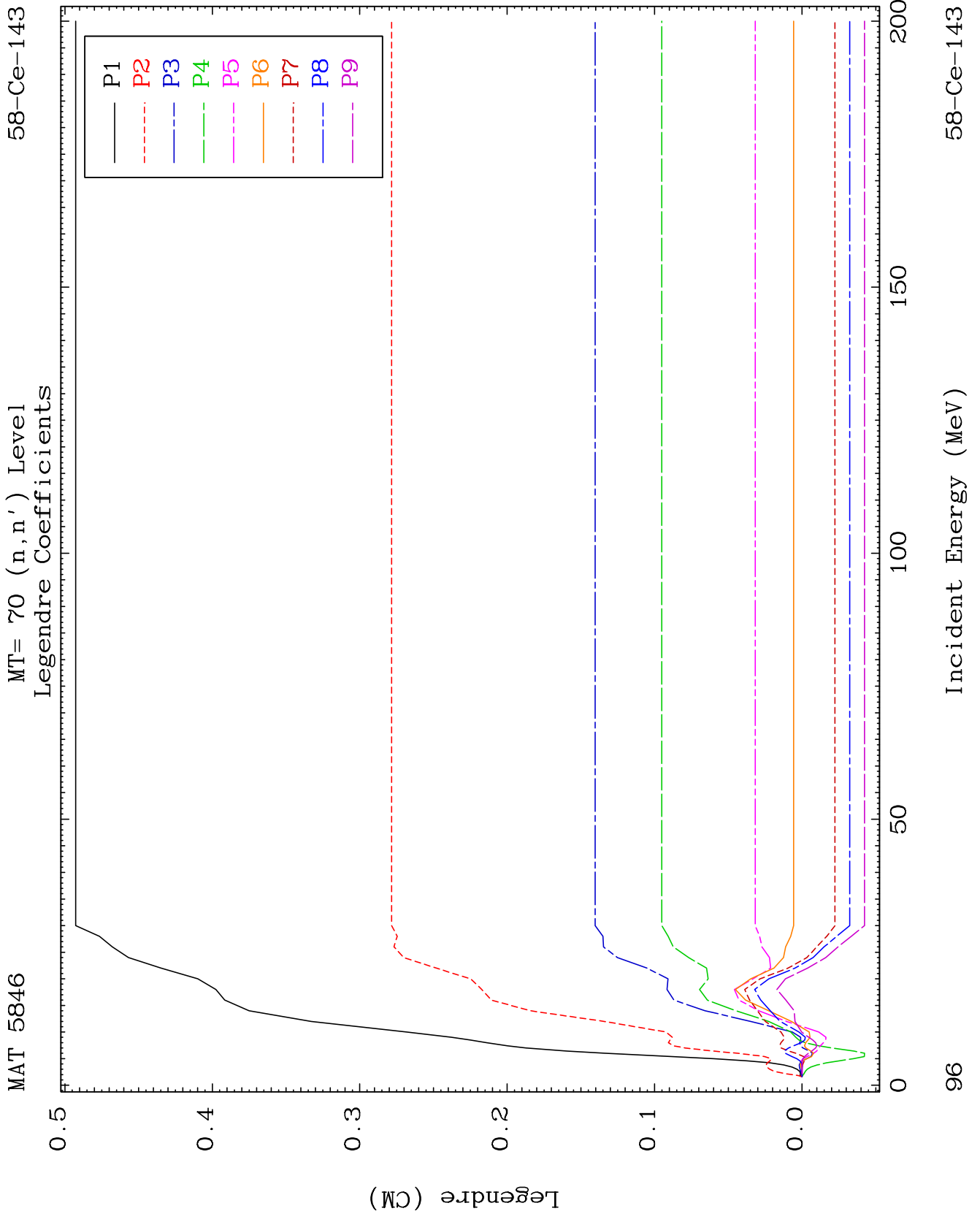
58-Ce-143



95

Incident Energy (MeV)

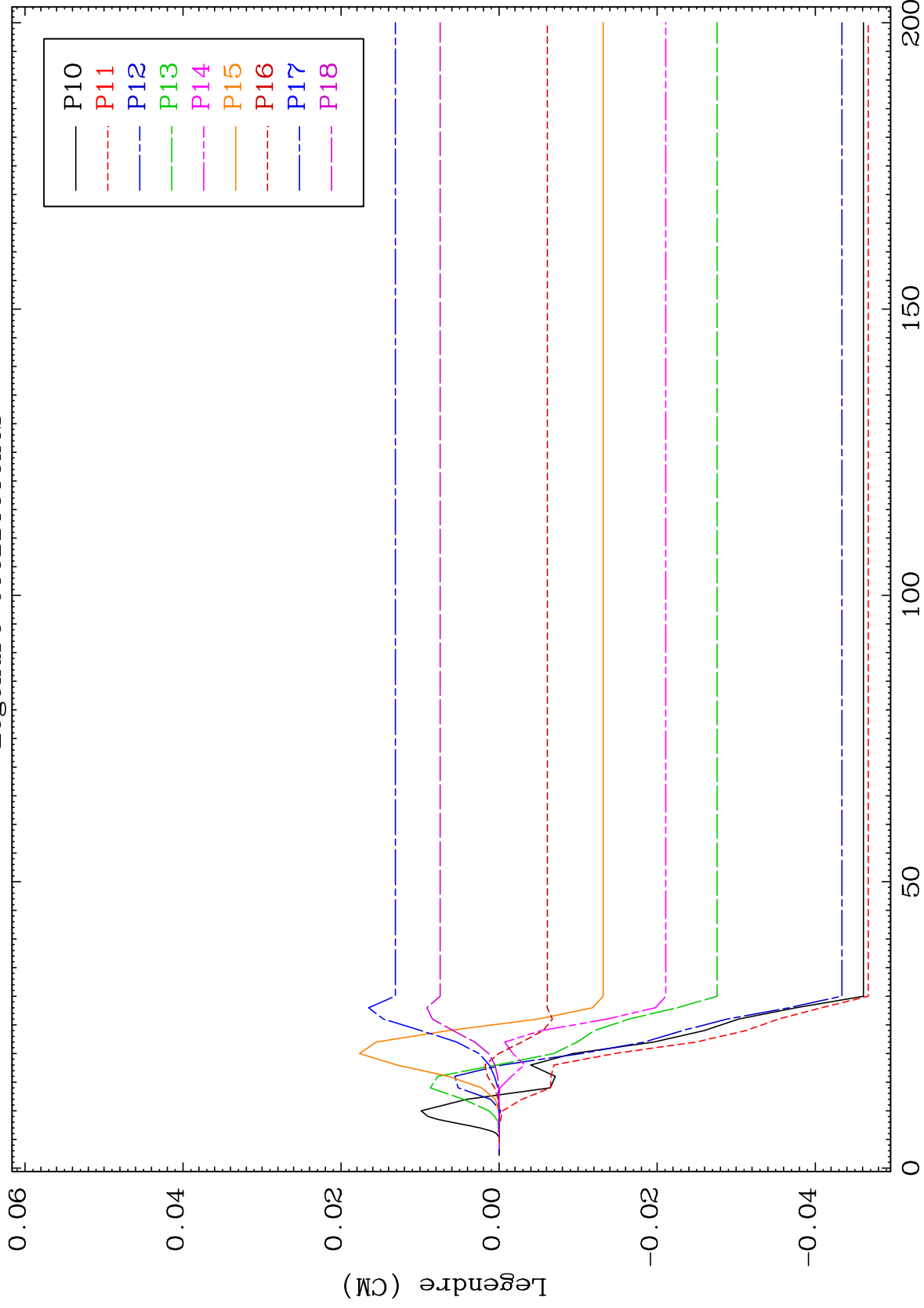
58-Ce-143



MAT 5846

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

58-Ce-143



97

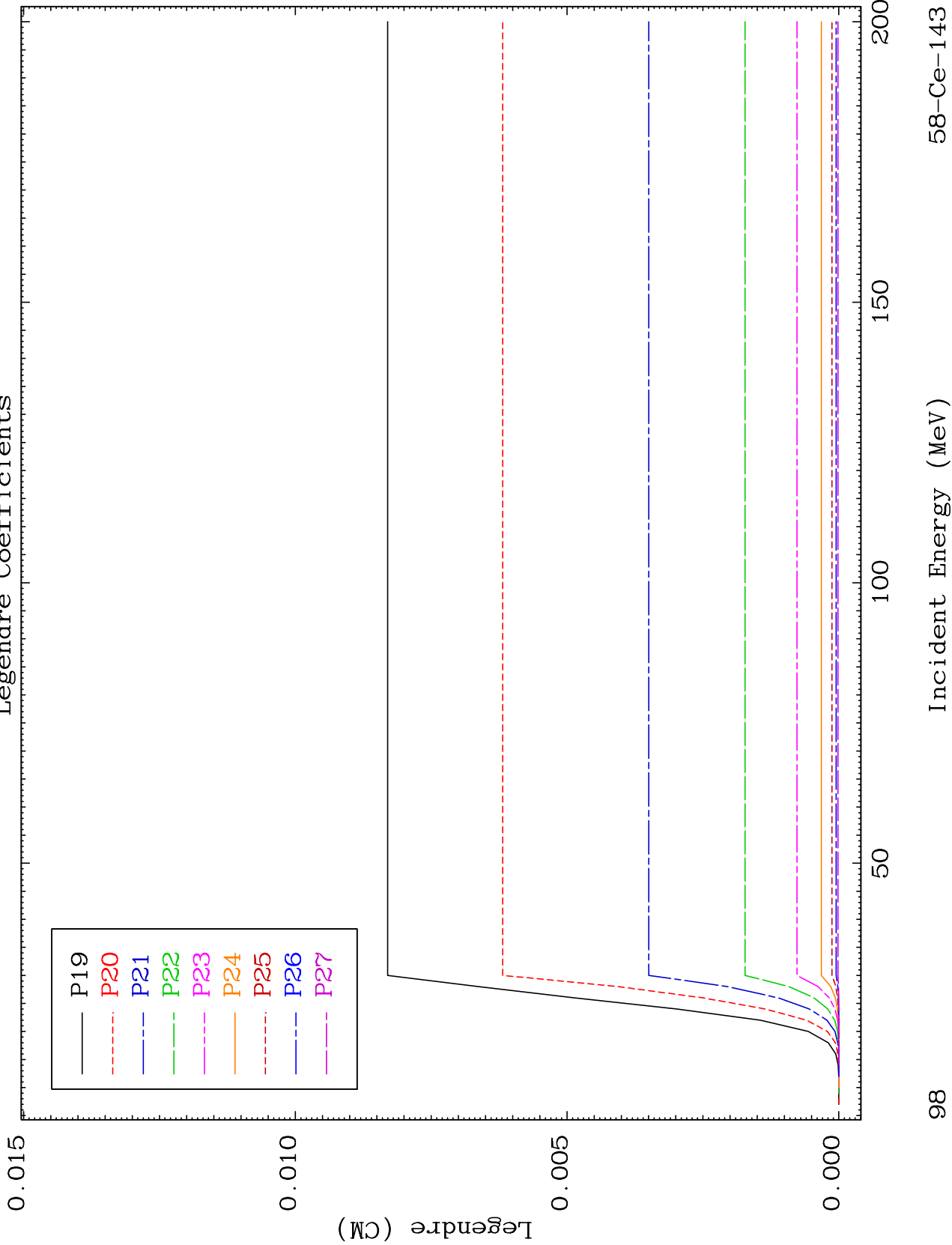
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



98

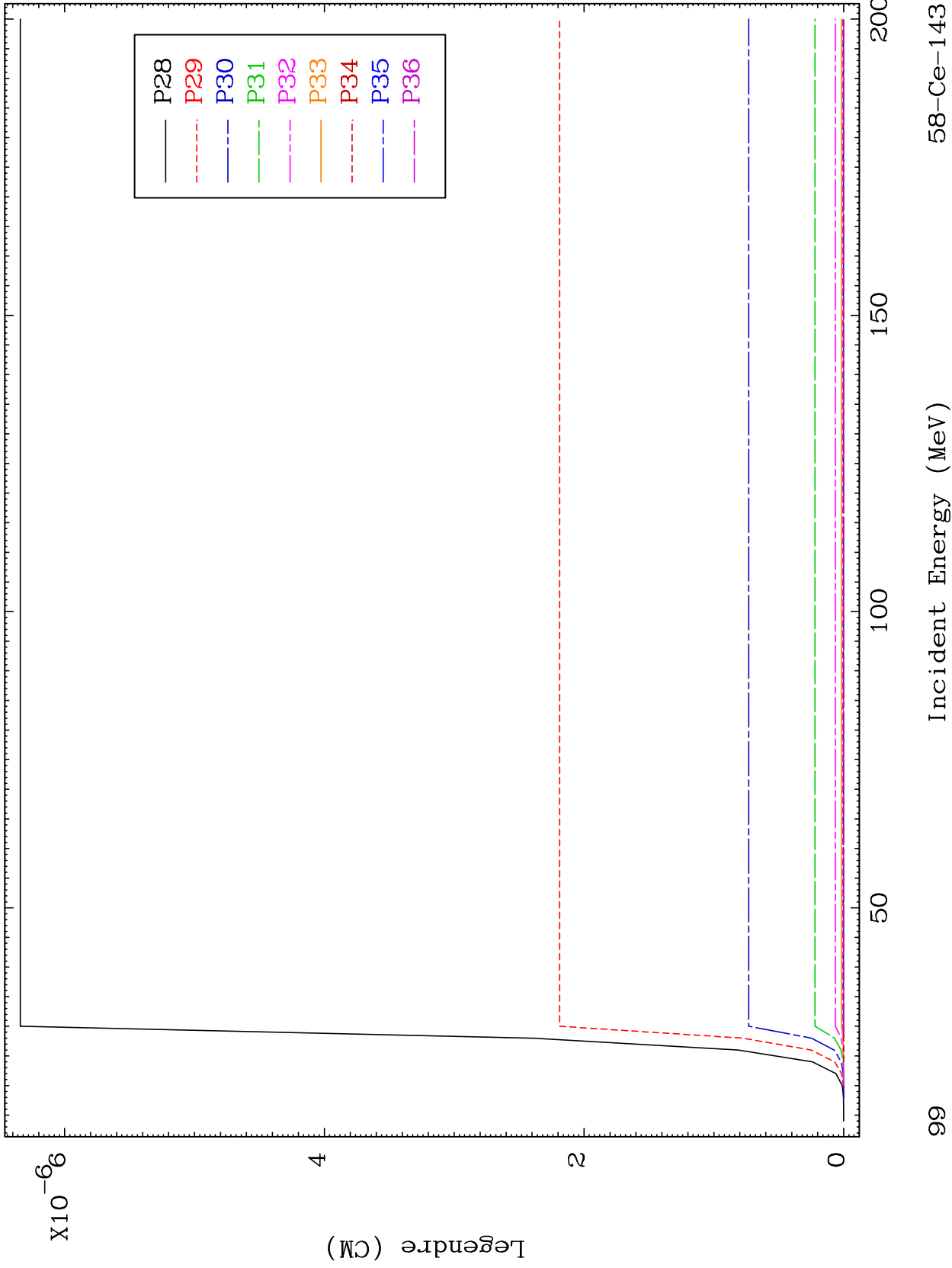
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

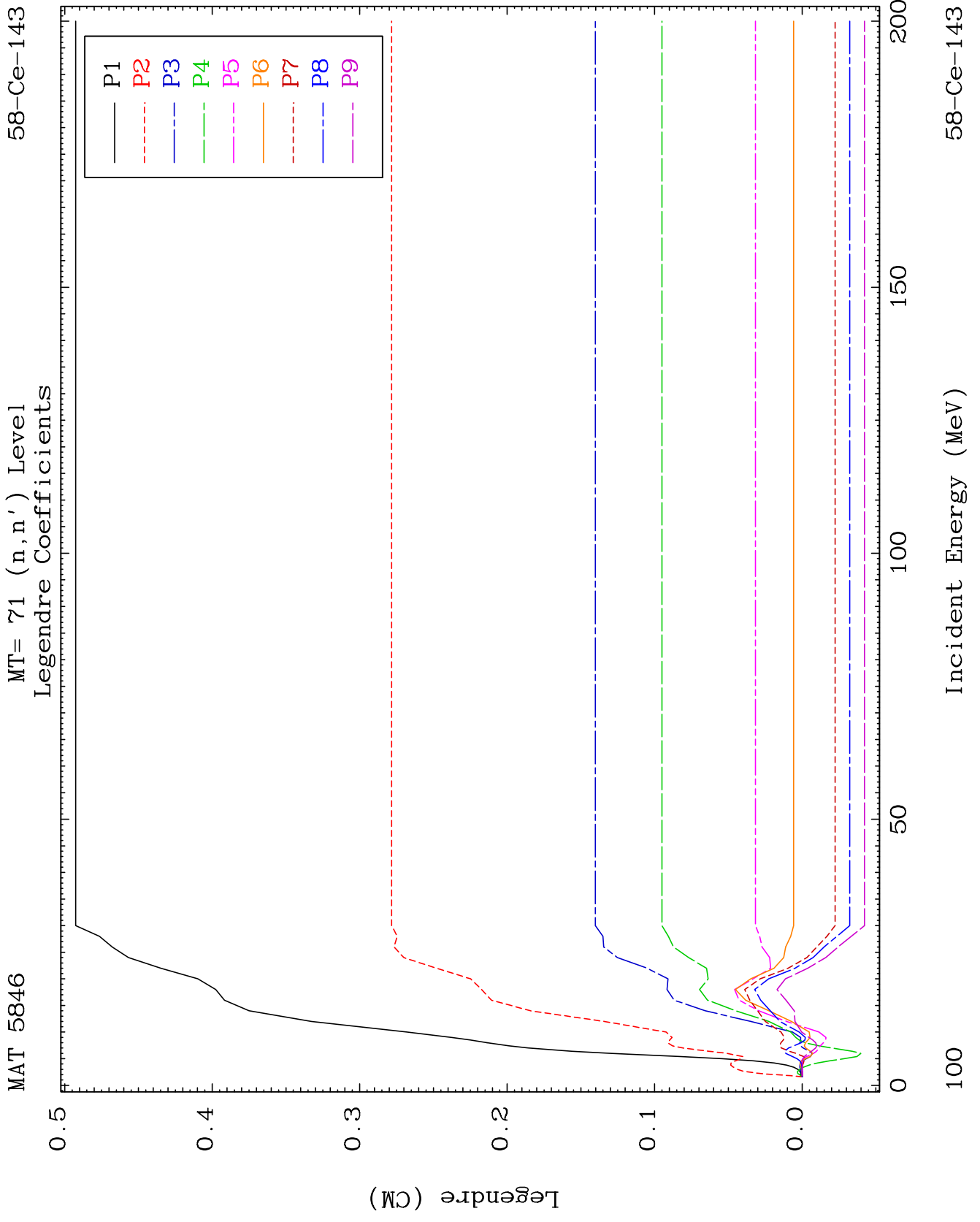
58-Ce-143



99

Incident Energy (MeV)

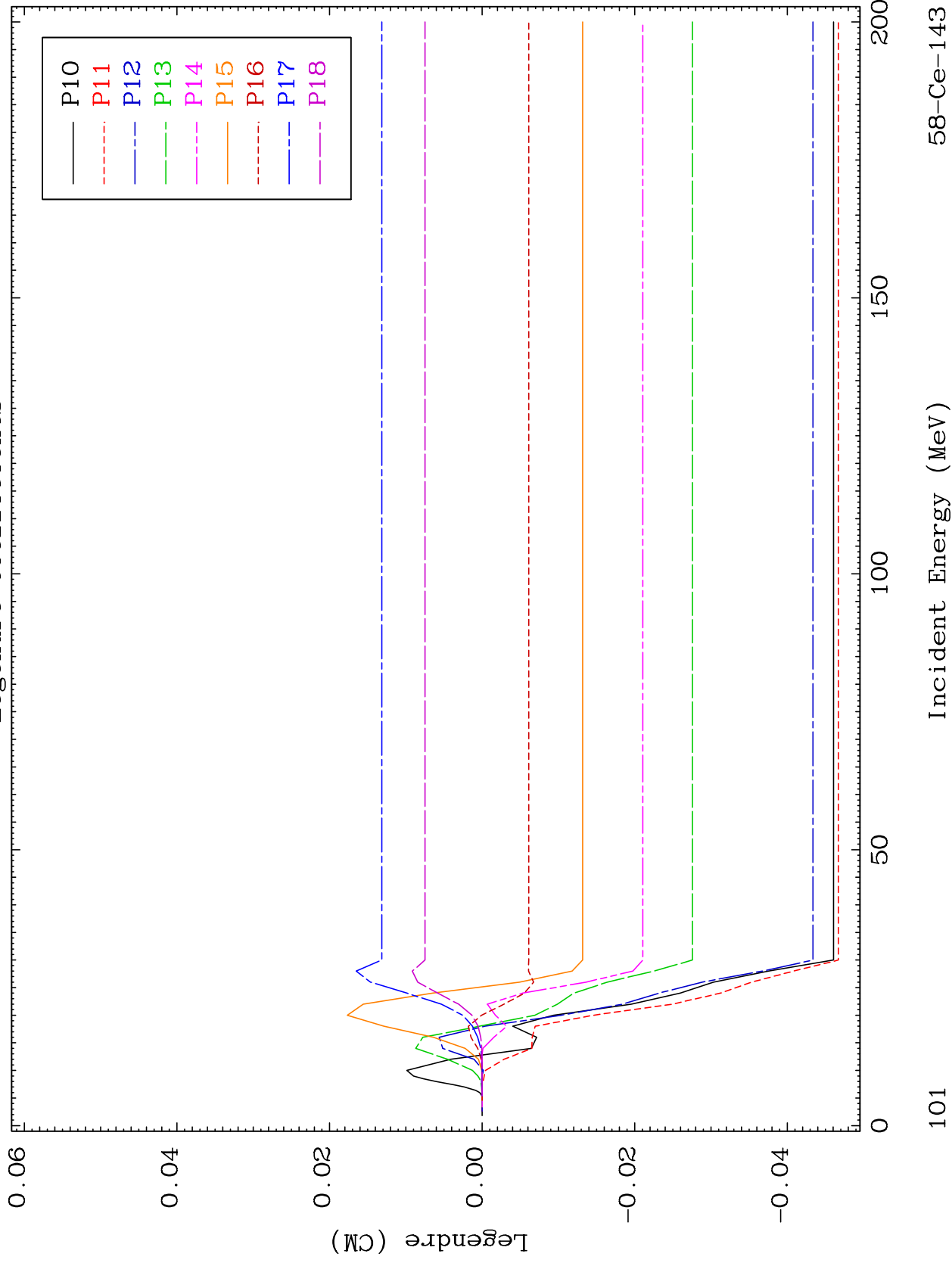
58-Ce-143



MAT 5846

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

58-Ce-143



58-Ce-143

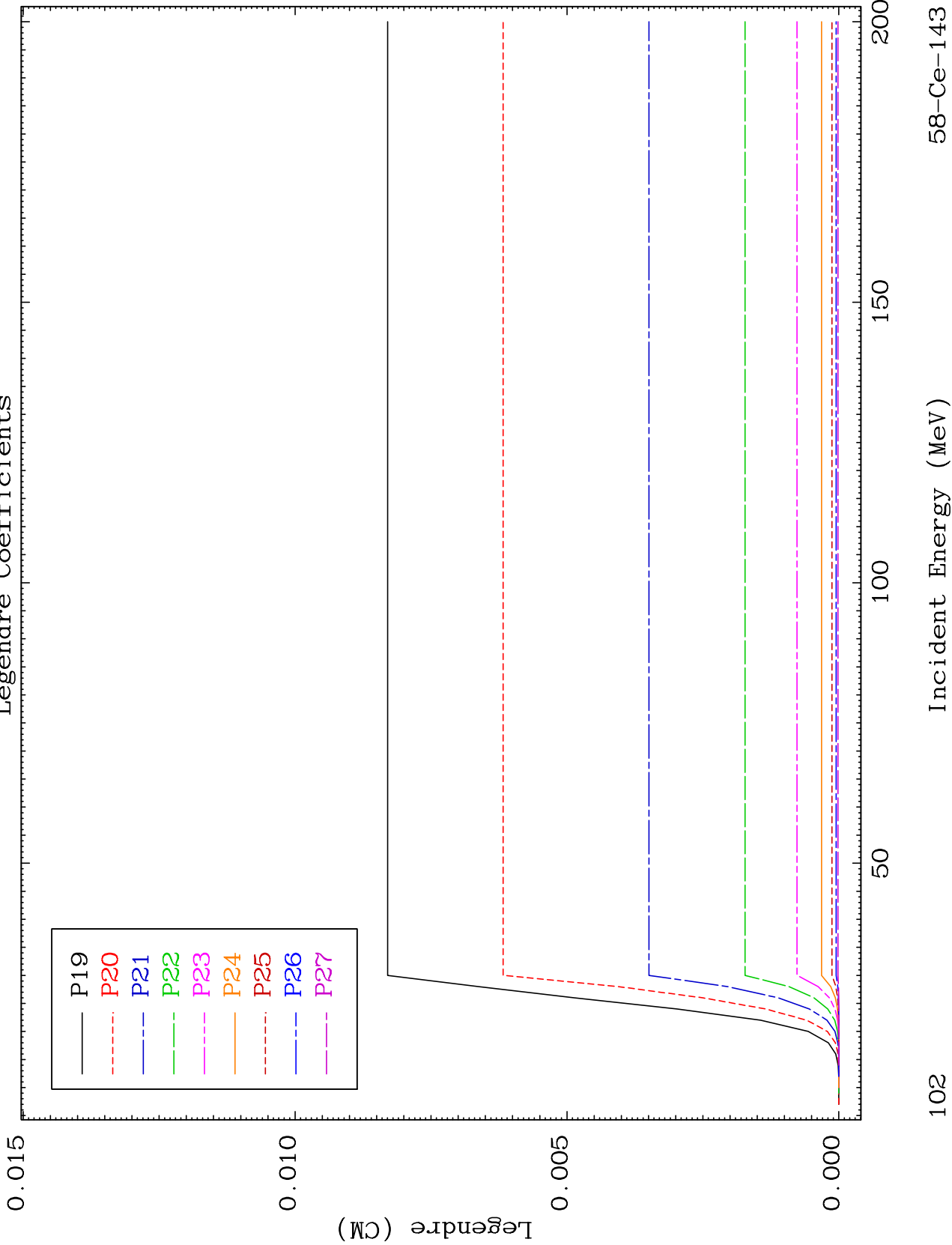
Incident Energy (MeV)

101

MAT 5846

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

58-Ce-143



102

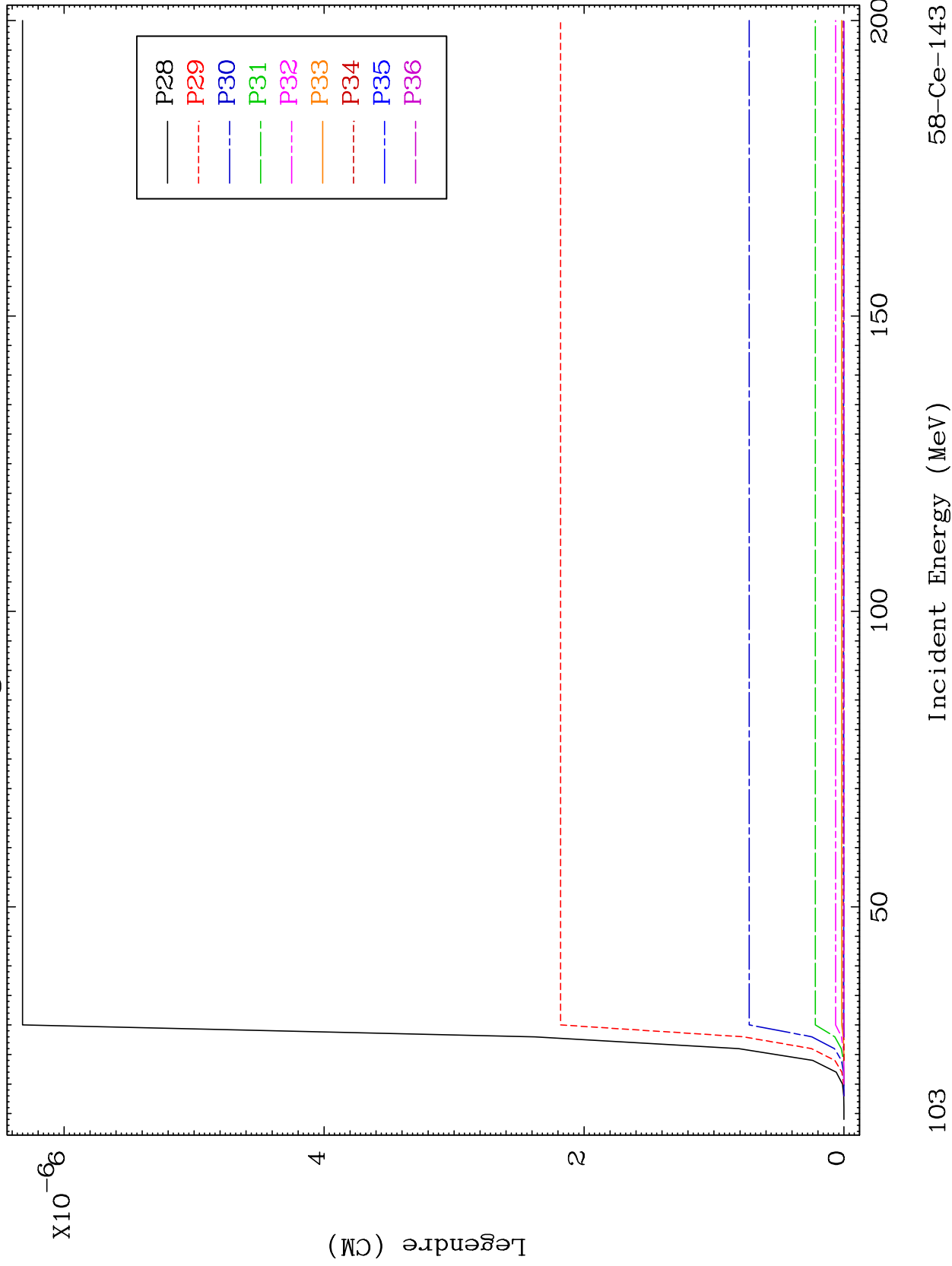
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

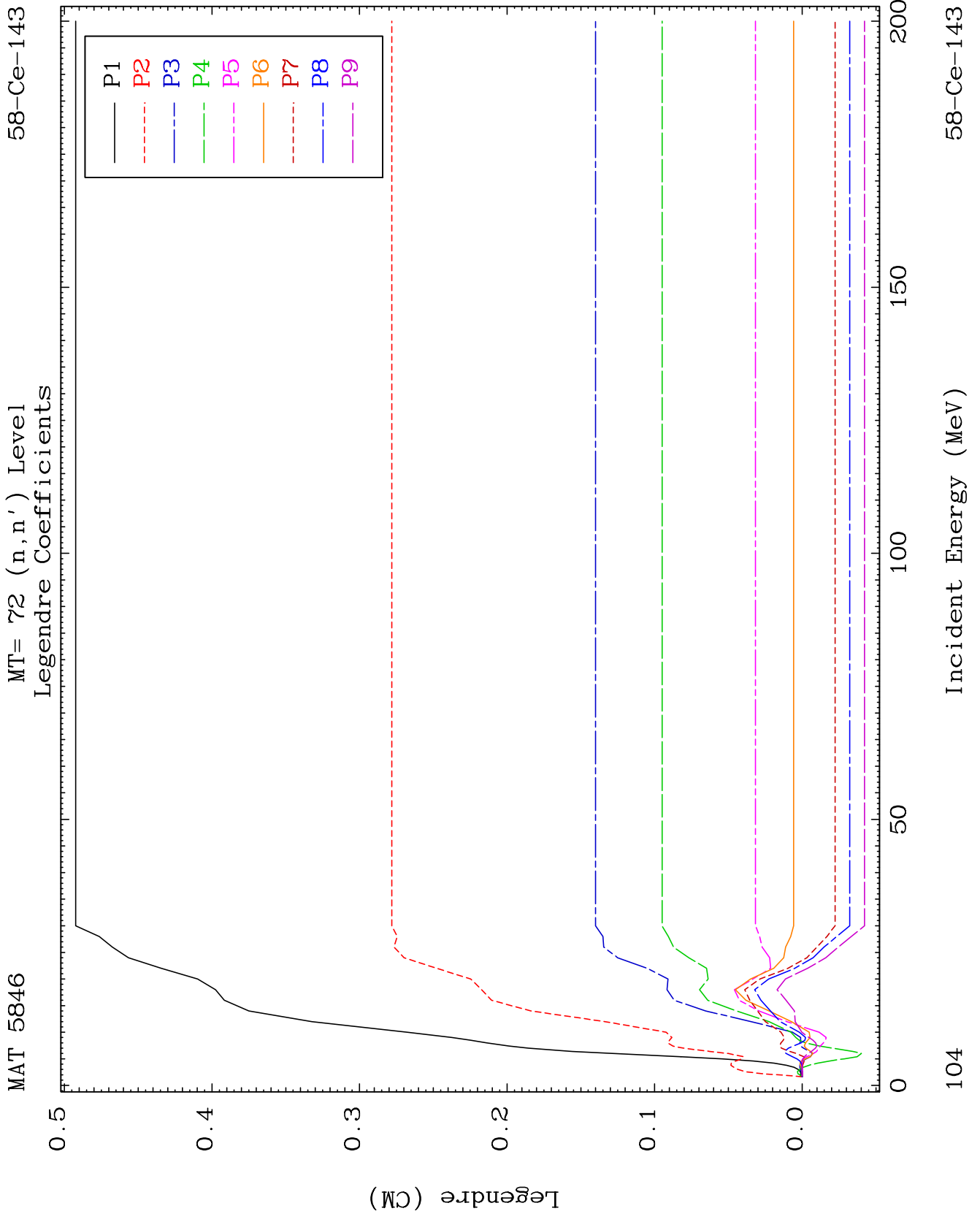
58-Ce-143



103

Incident Energy (MeV)

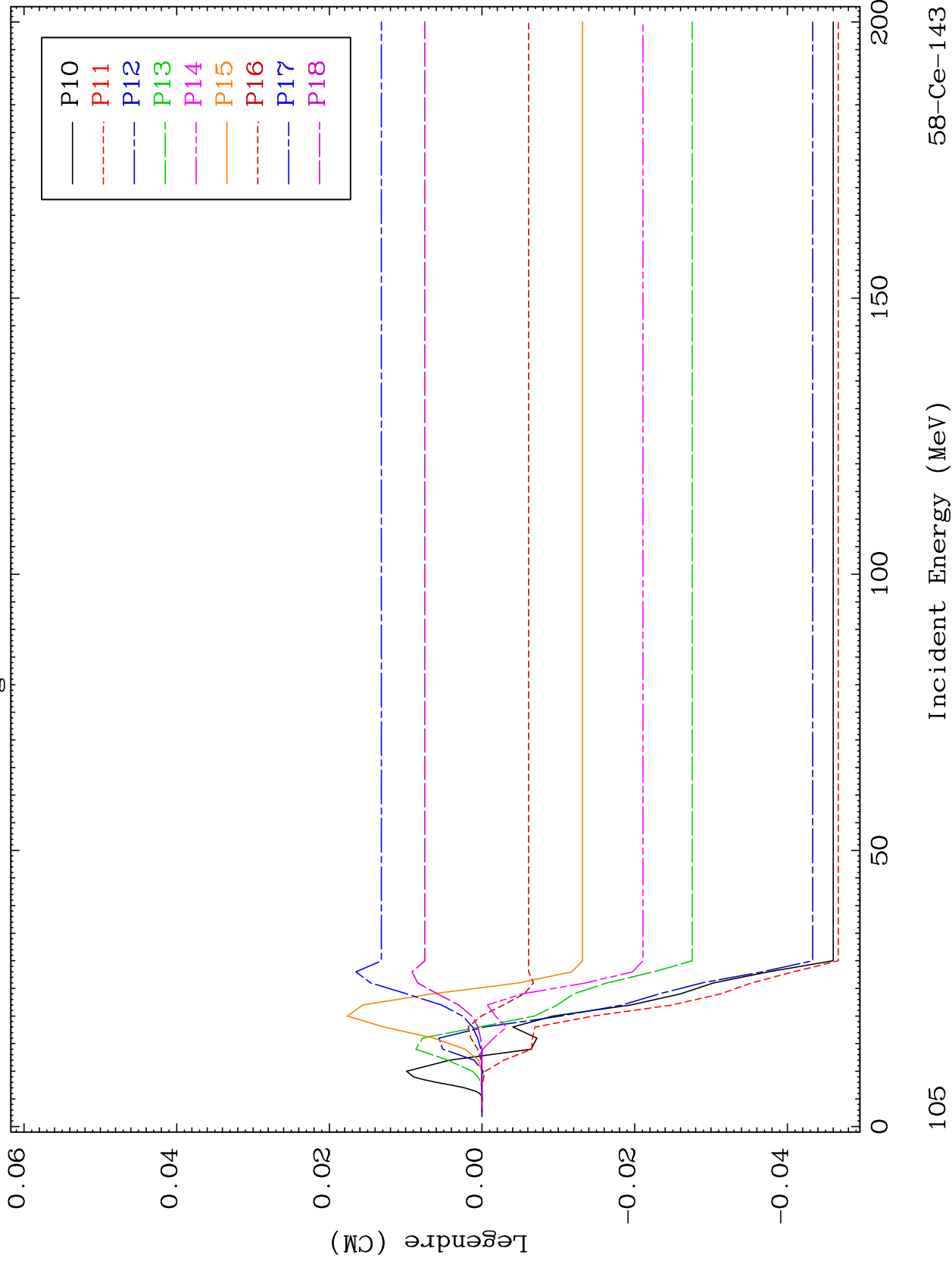
58-Ce-143



MAT 5846

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

58-Ce-143

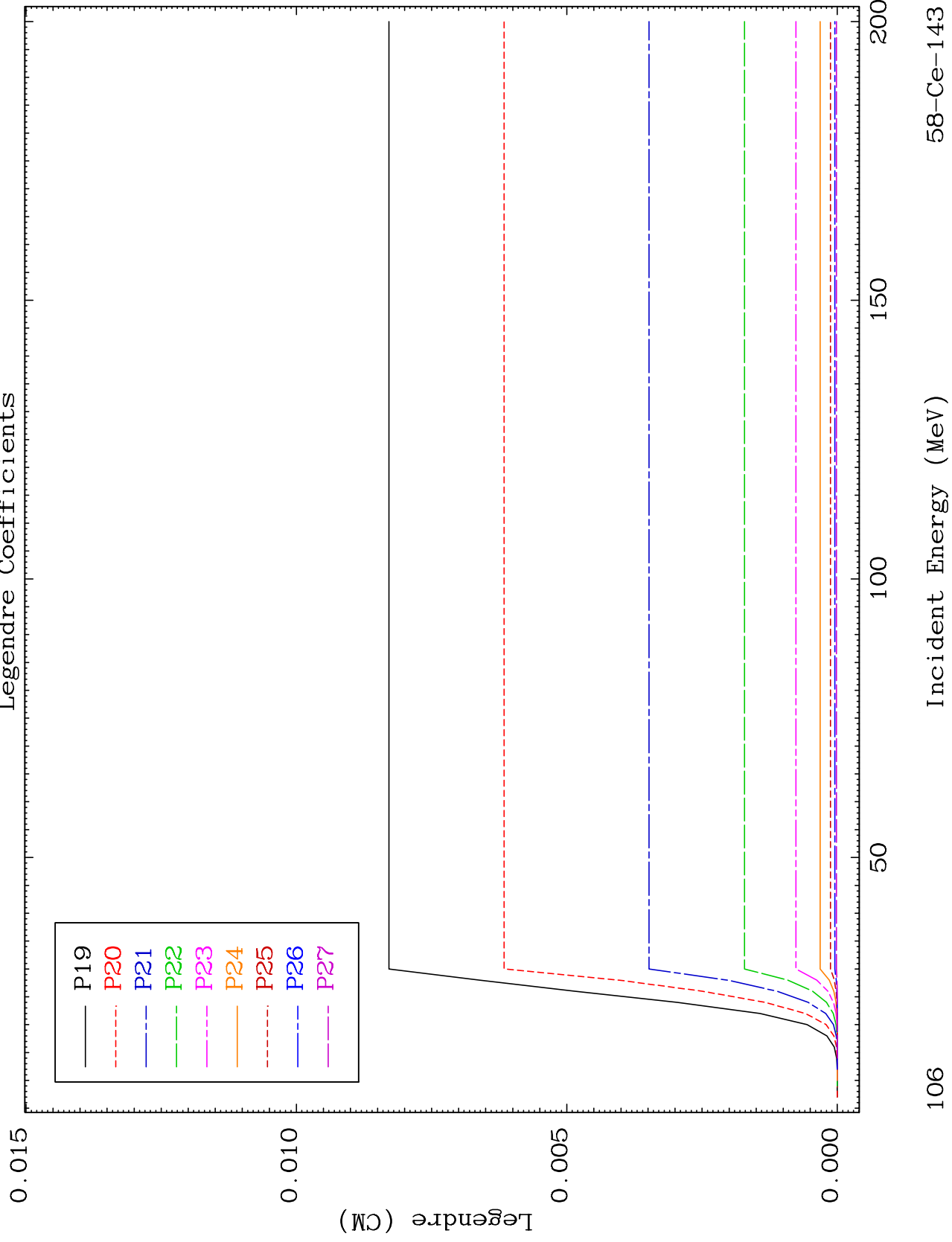


58-Ce-143

MAT 5846

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

58-Ce-143



106

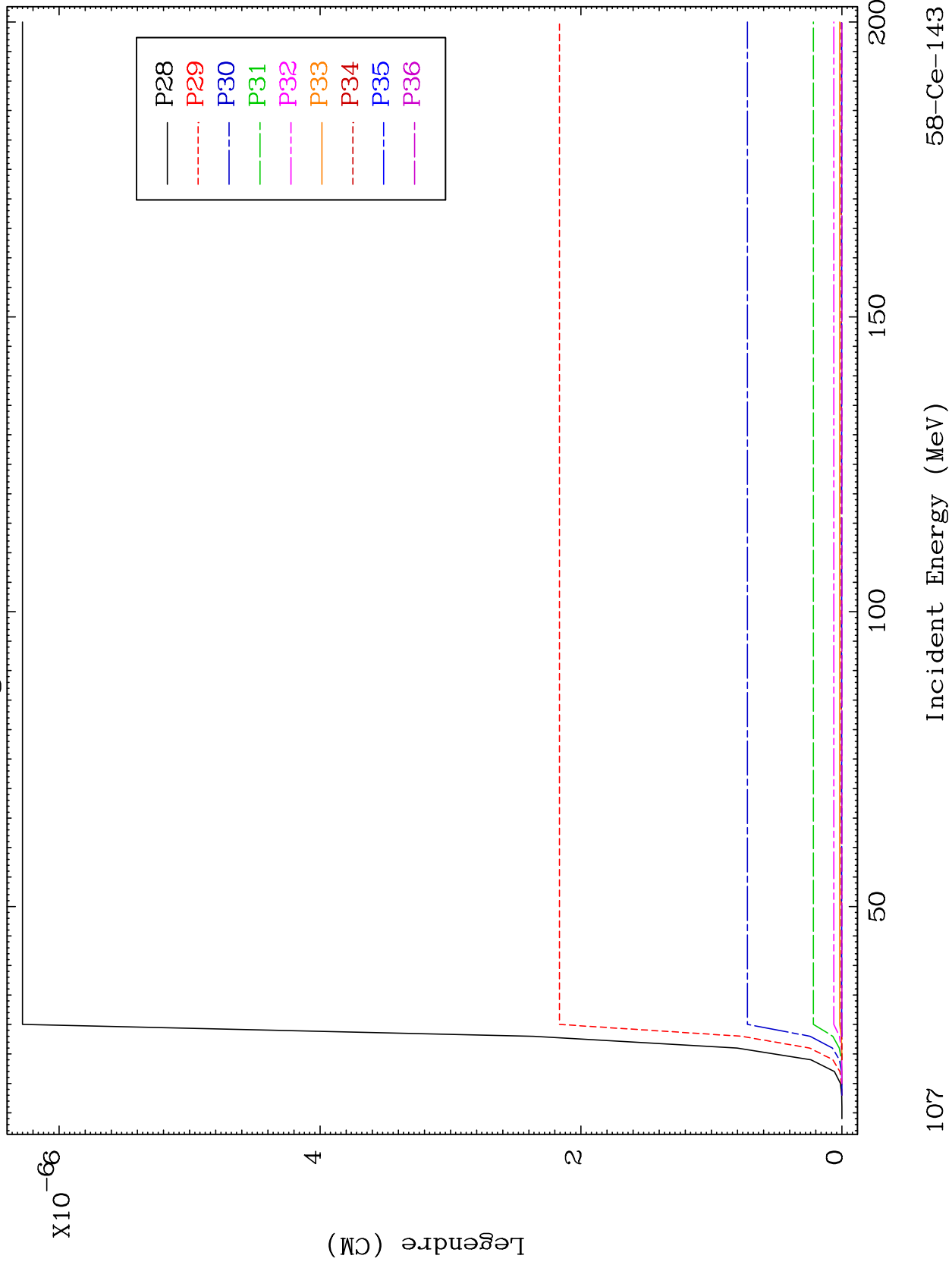
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

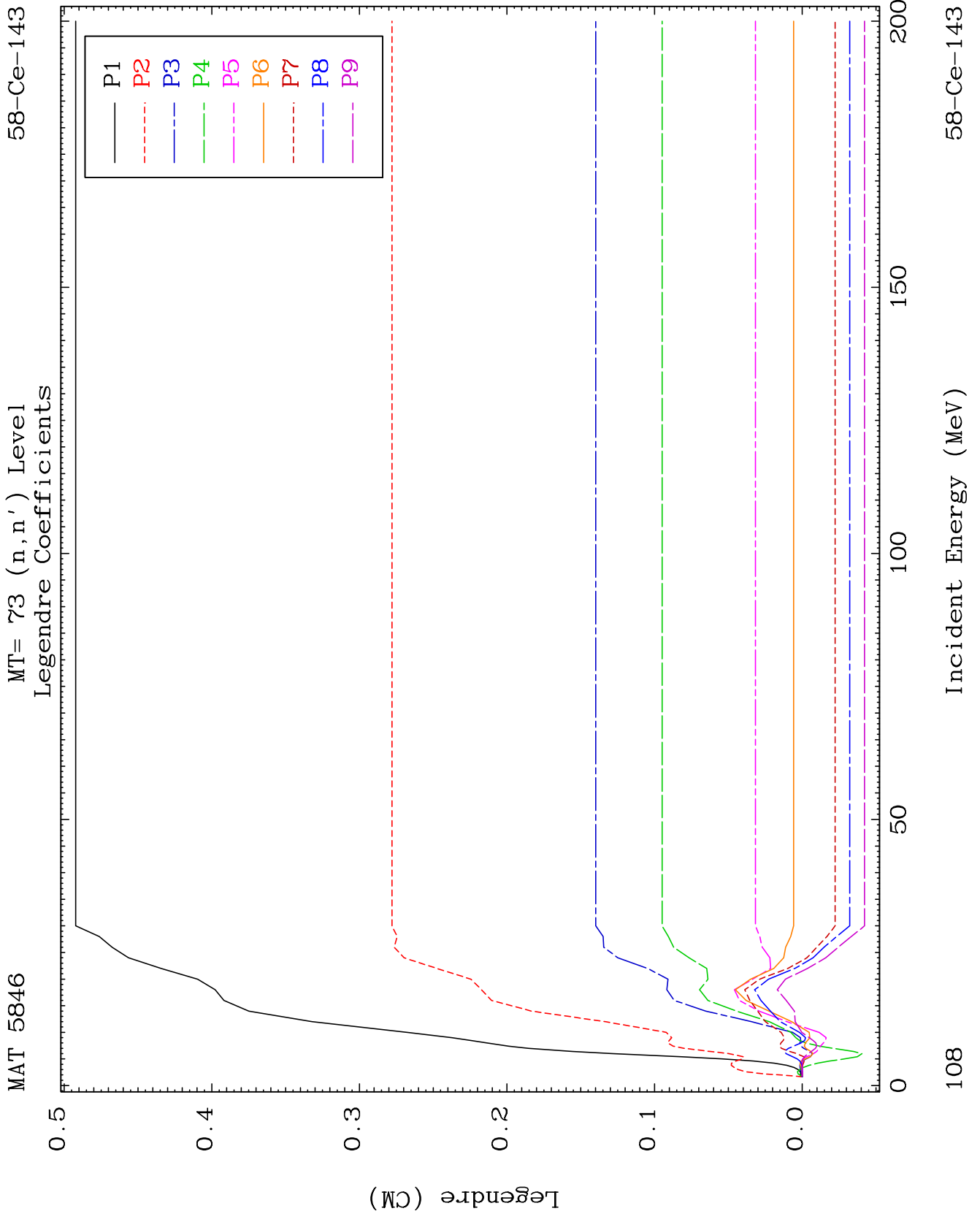
58-Ce-143



107

Incident Energy (MeV)

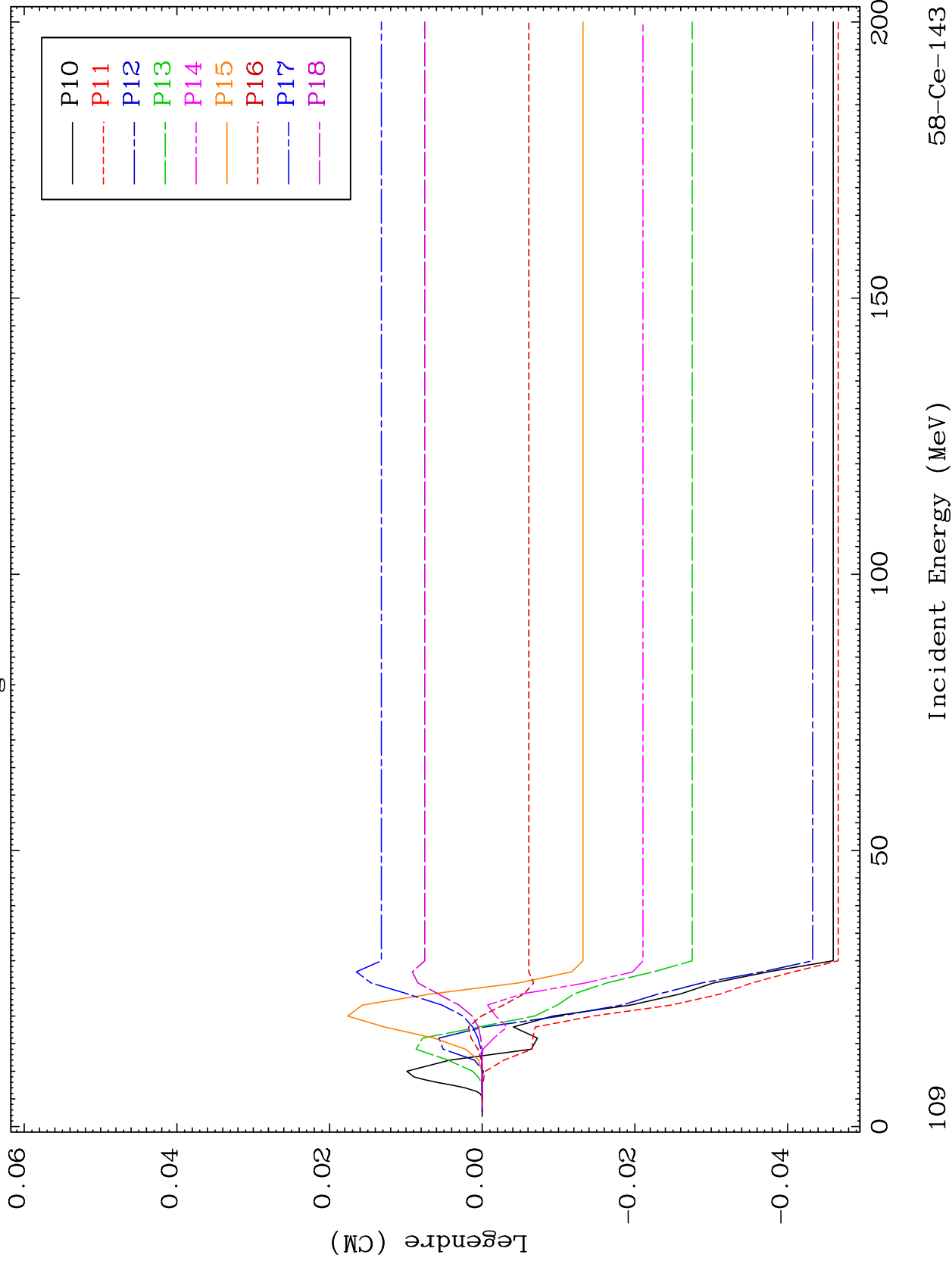
58-Ce-143



MAT 5846

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

58-Ce-143



58-Ce-143

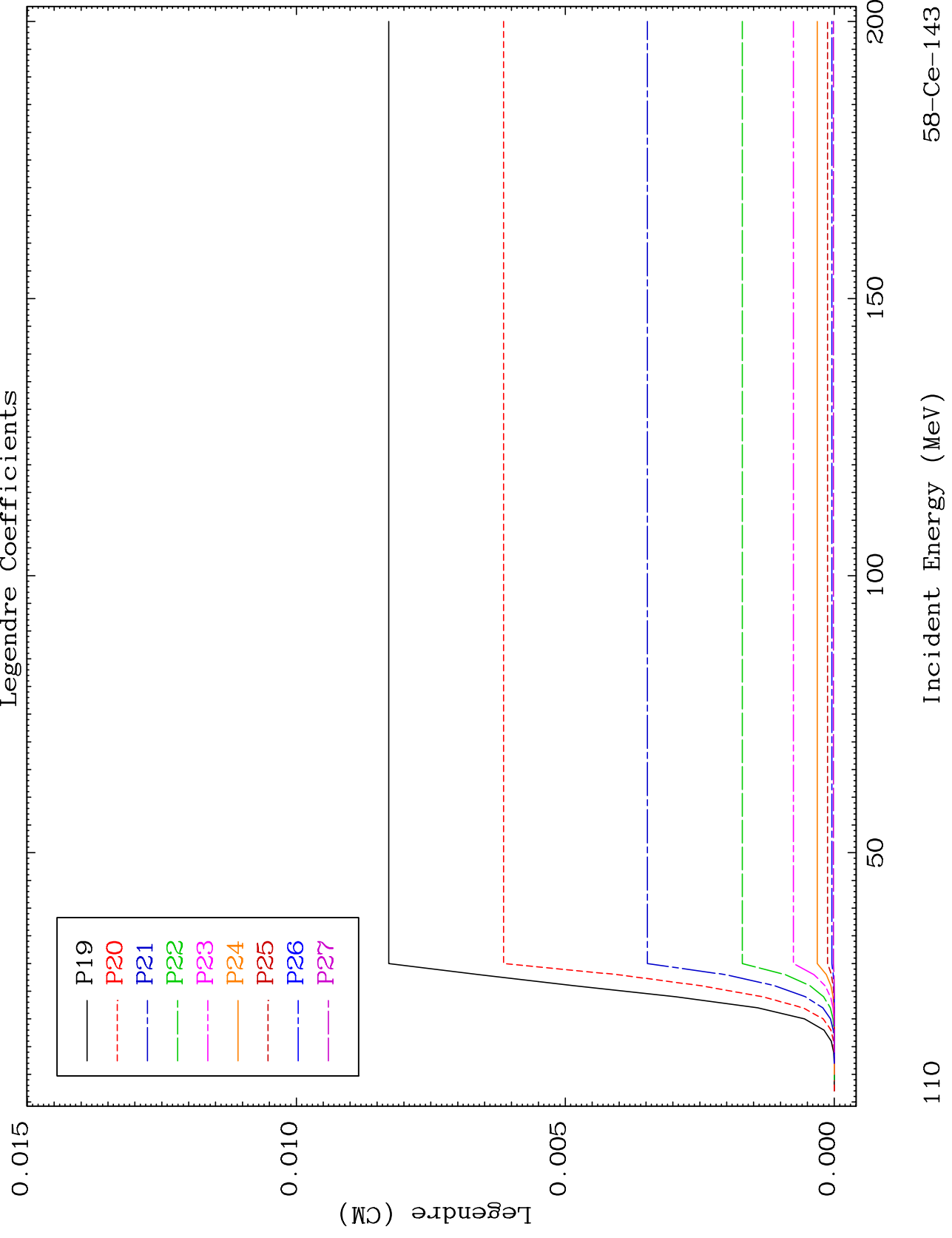
Incident Energy (MeV)

109

MAT 5846

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

58-Ce-143



110

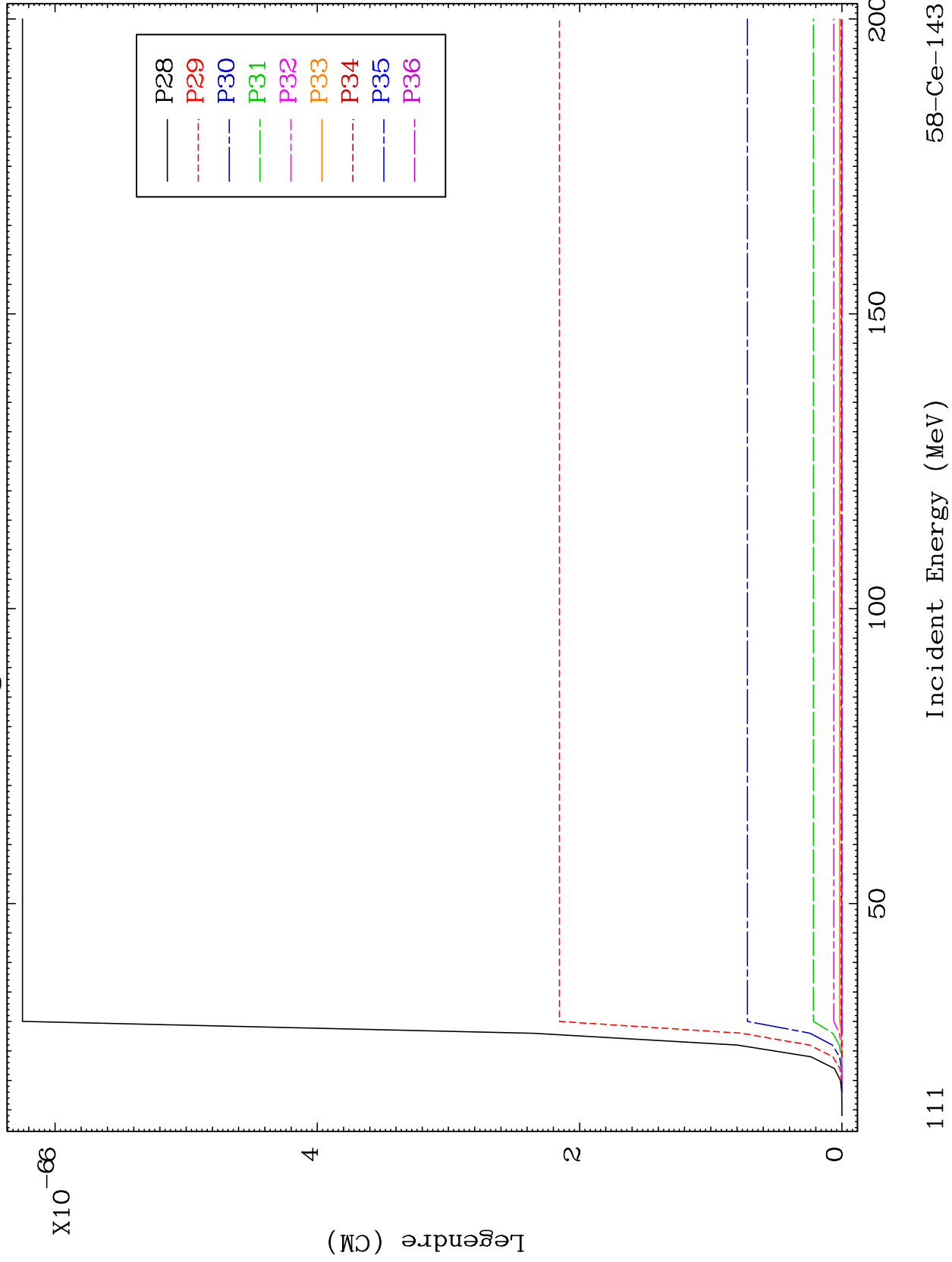
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

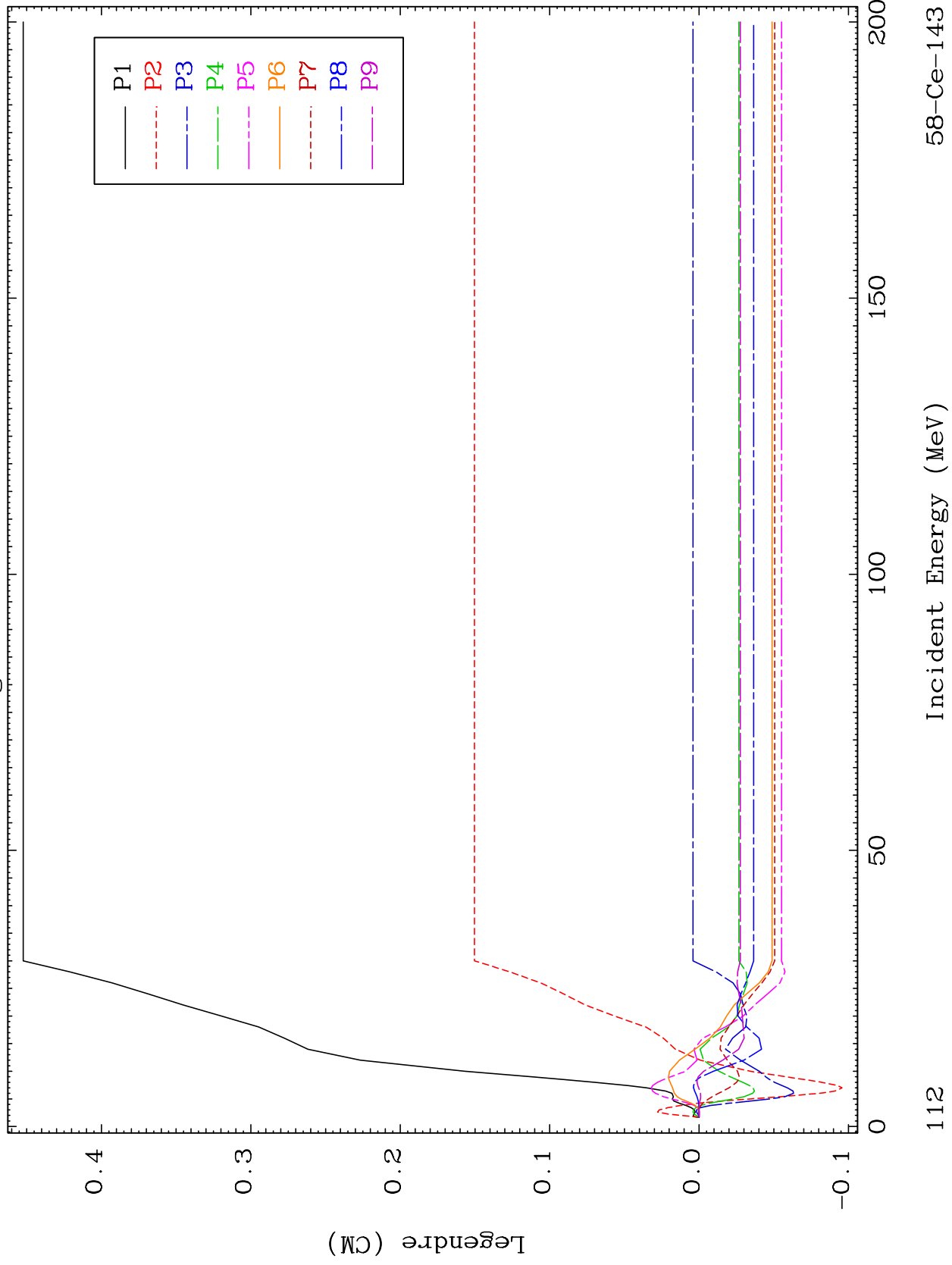
58-Ce-143



MAT 5846

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

58-Ce-143



58-Ce-143

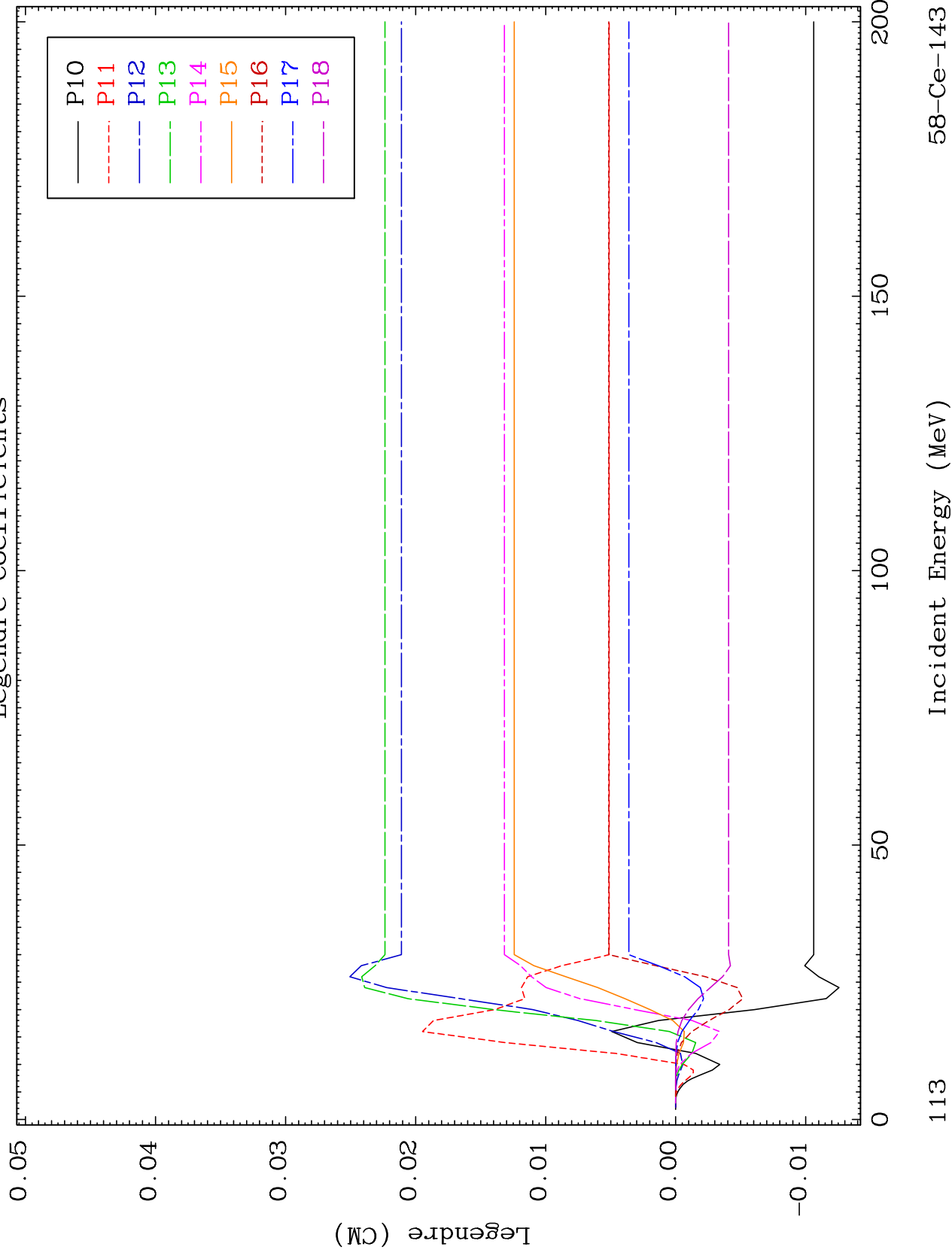
Incident Energy (MeV)

112

MAT 5846

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

58-Ce-143



58-Ce-143

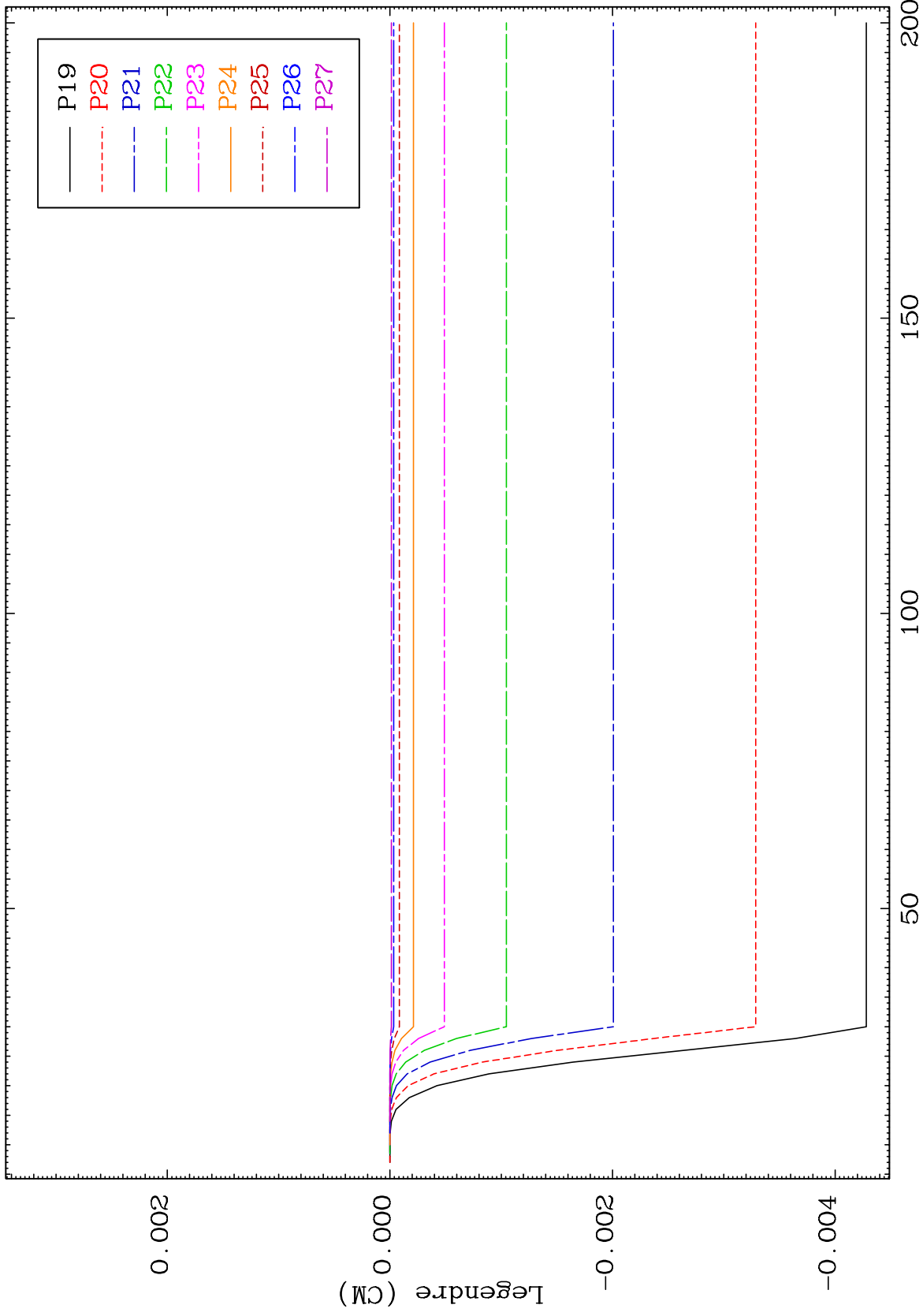
Incident Energy (MeV)

113

MAT 5846

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

58-Ce-143



114

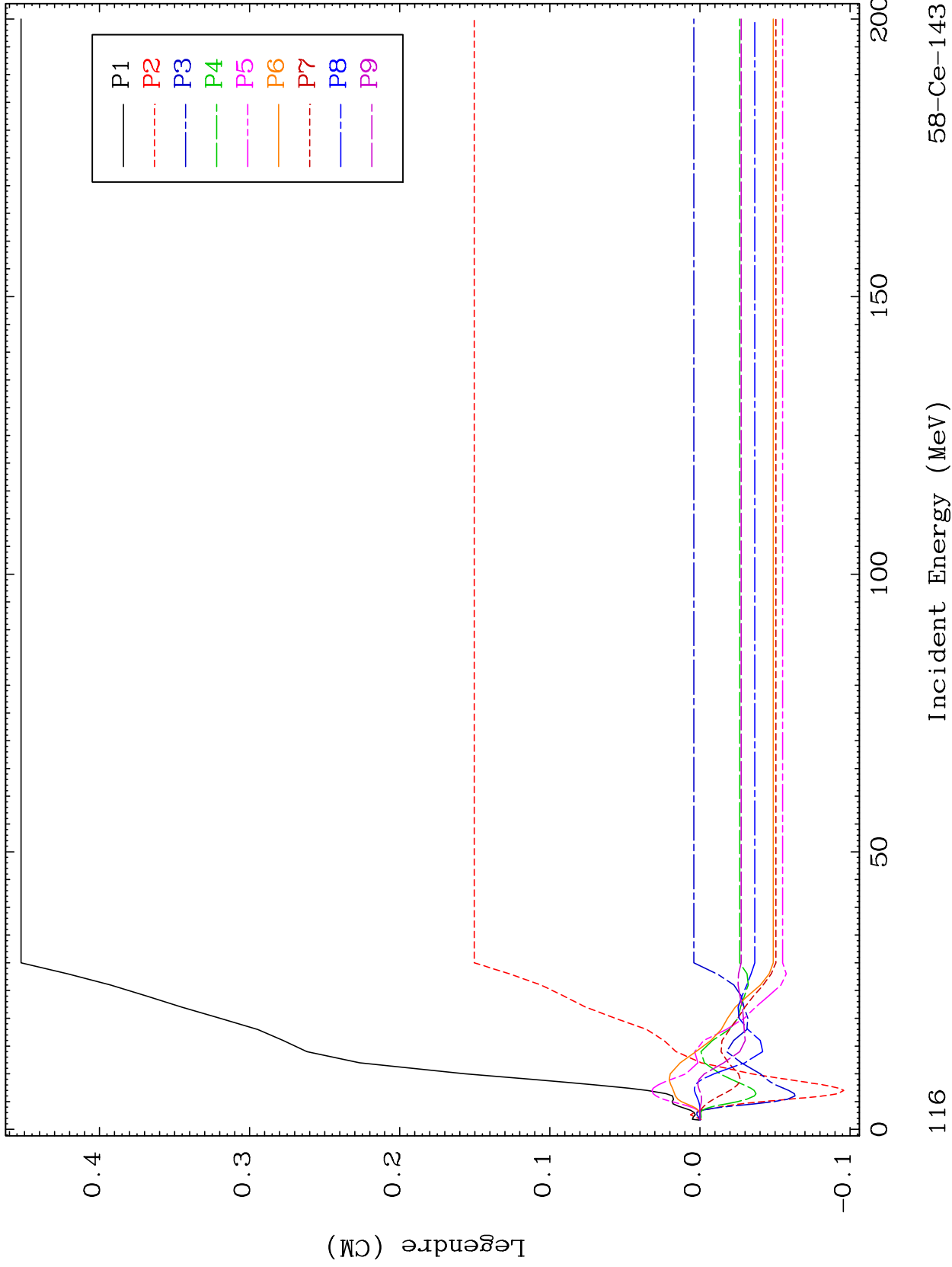
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



58-Ce-143

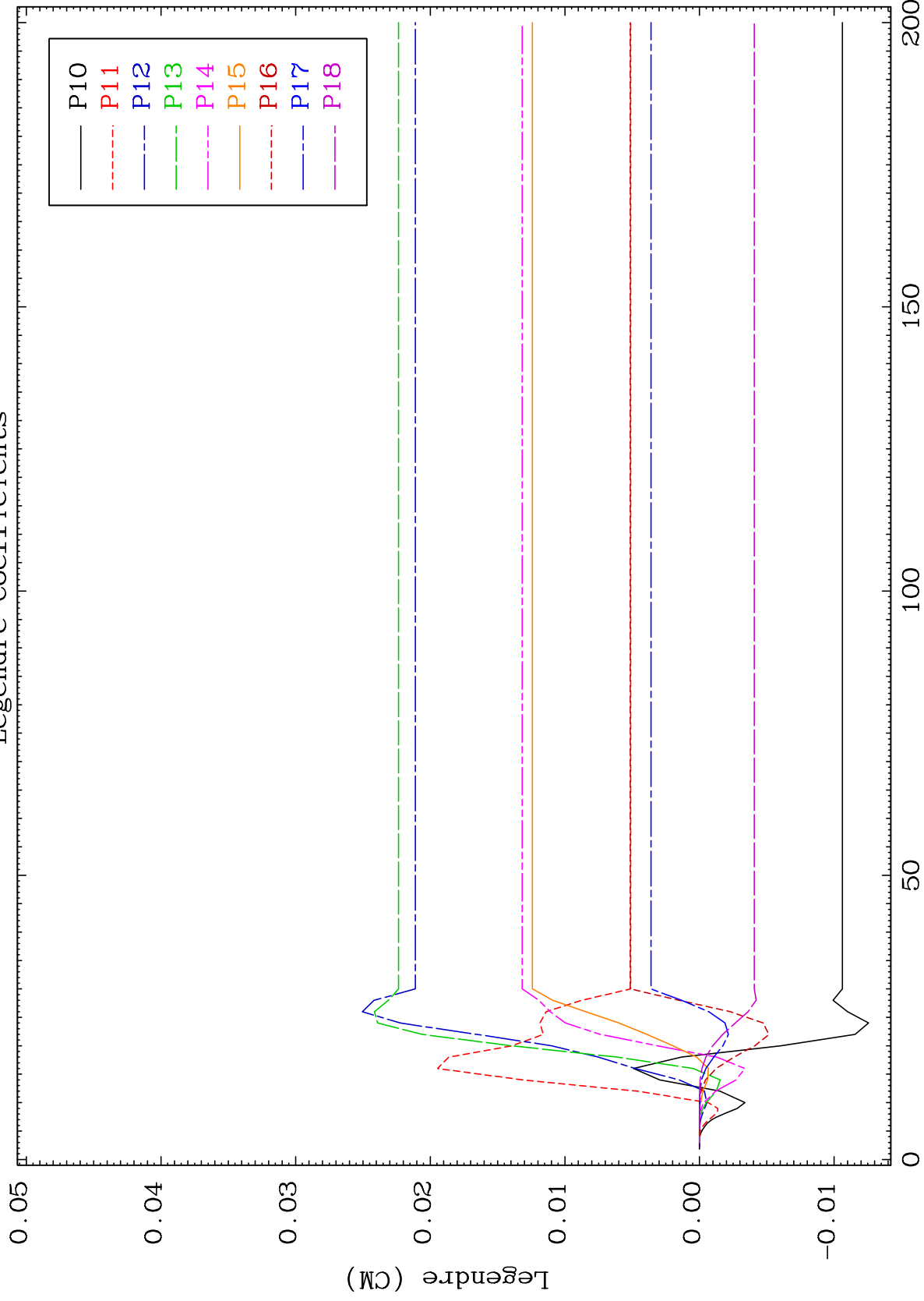
Incident Energy (MeV)

116

MAT 5846

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

58-Ce-143



58-Ce-143

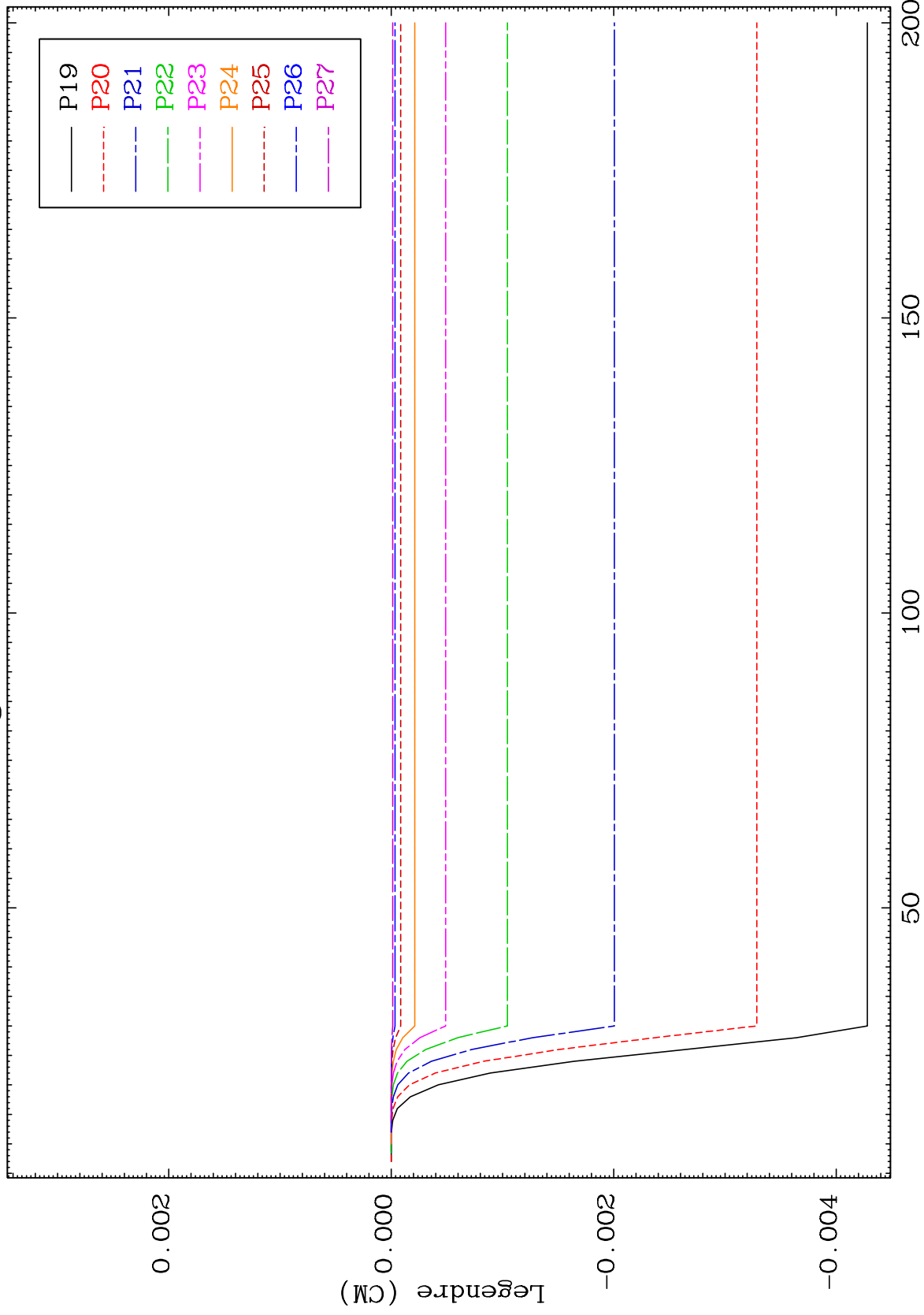
Incident Energy (MeV)

117

MAT 5846

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

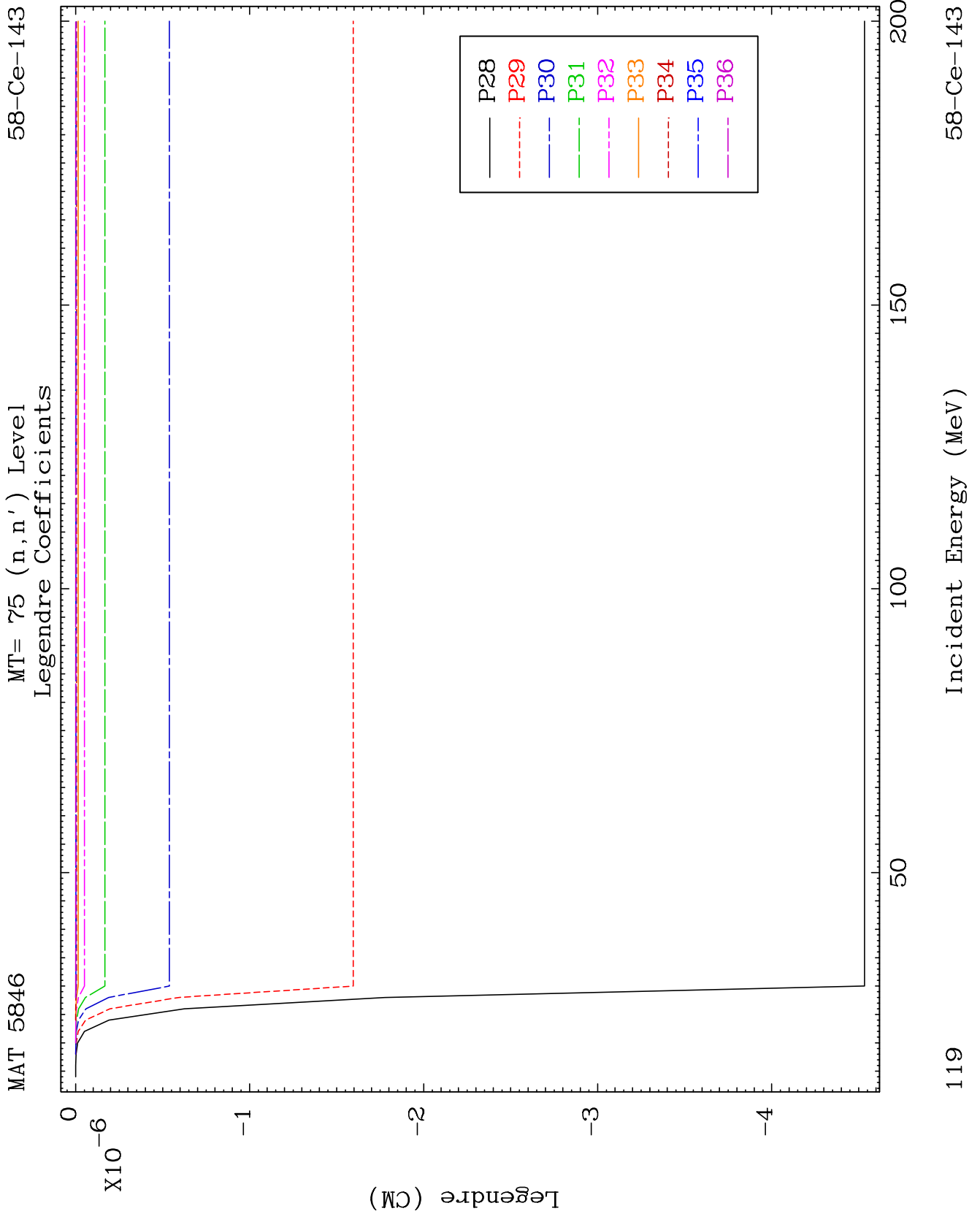
58-Ce-143



118

Incident Energy (MeV)

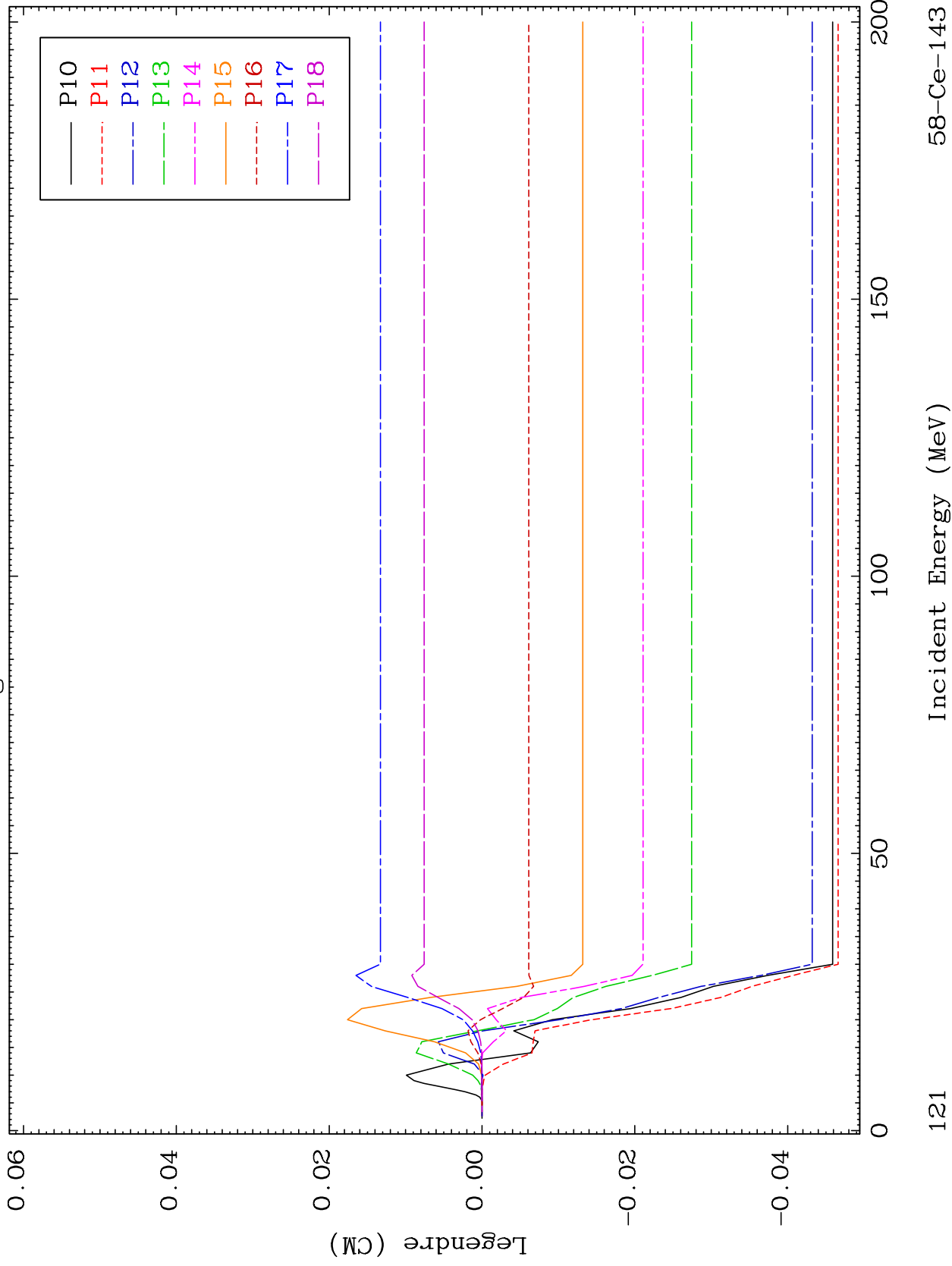
58-Ce-143



MAT 5846

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

58-Ce-143



58-Ce-143

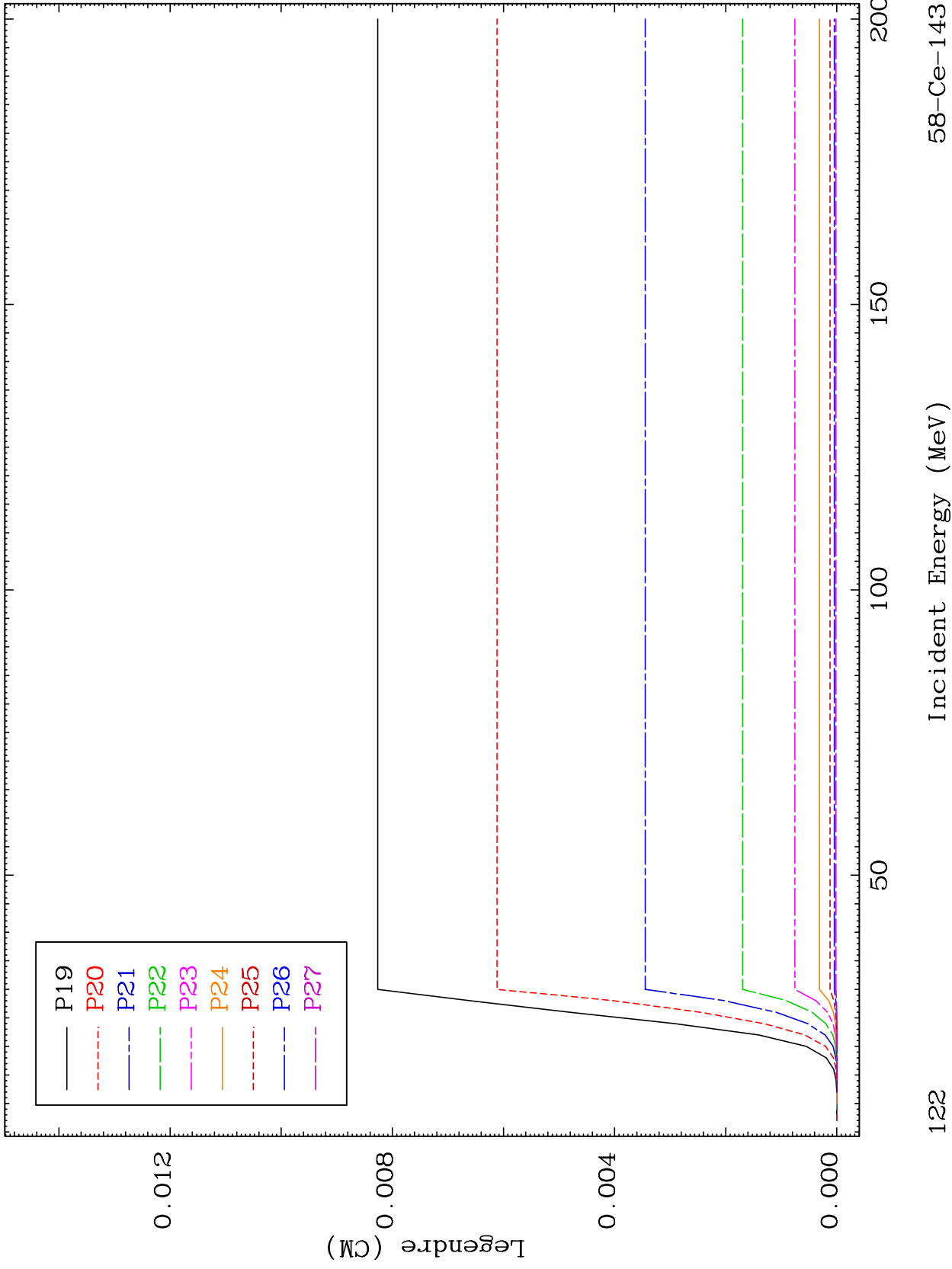
Incident Energy (MeV)

121

MAT 5846

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

58-Ce-143



122

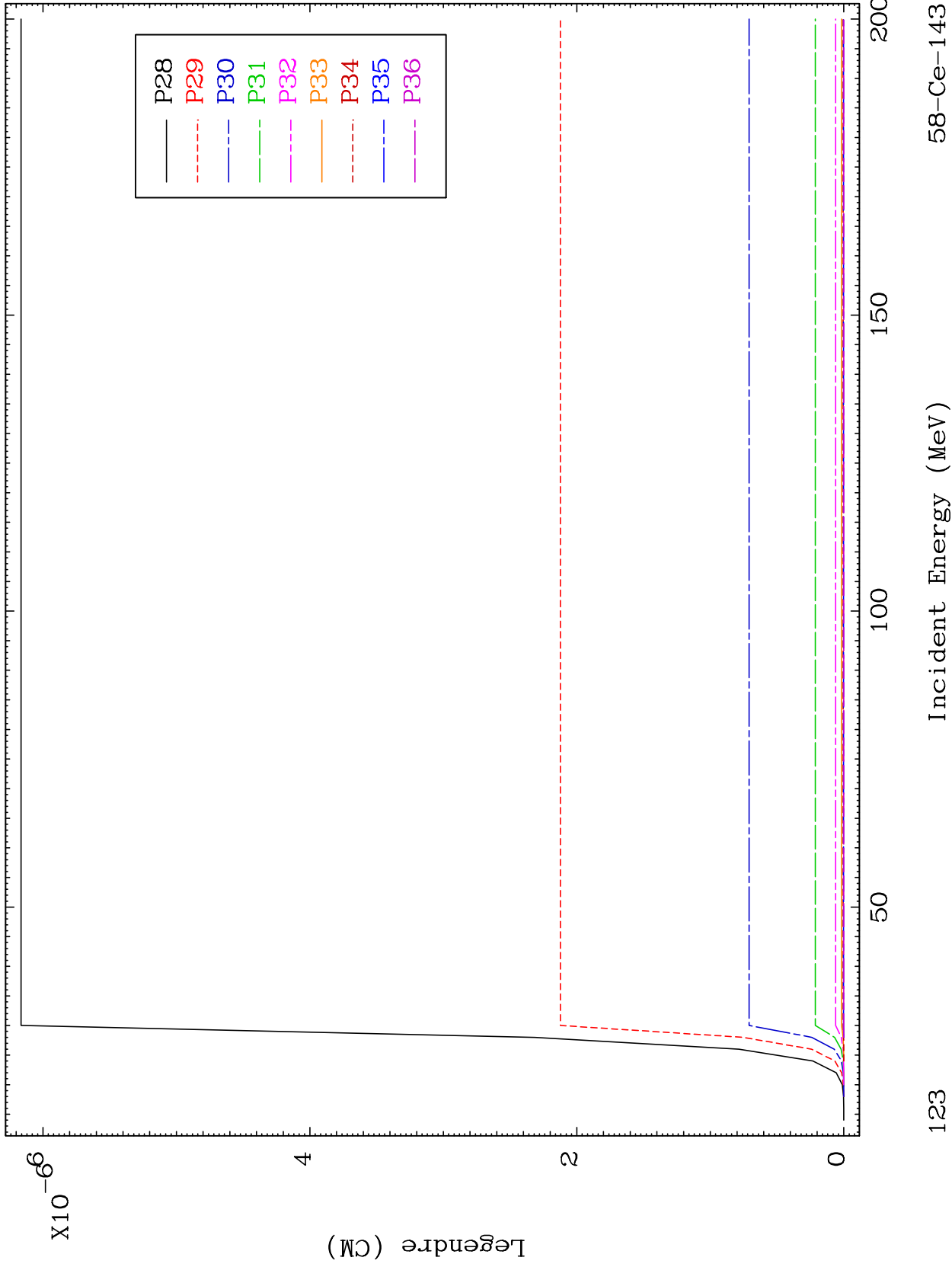
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



123

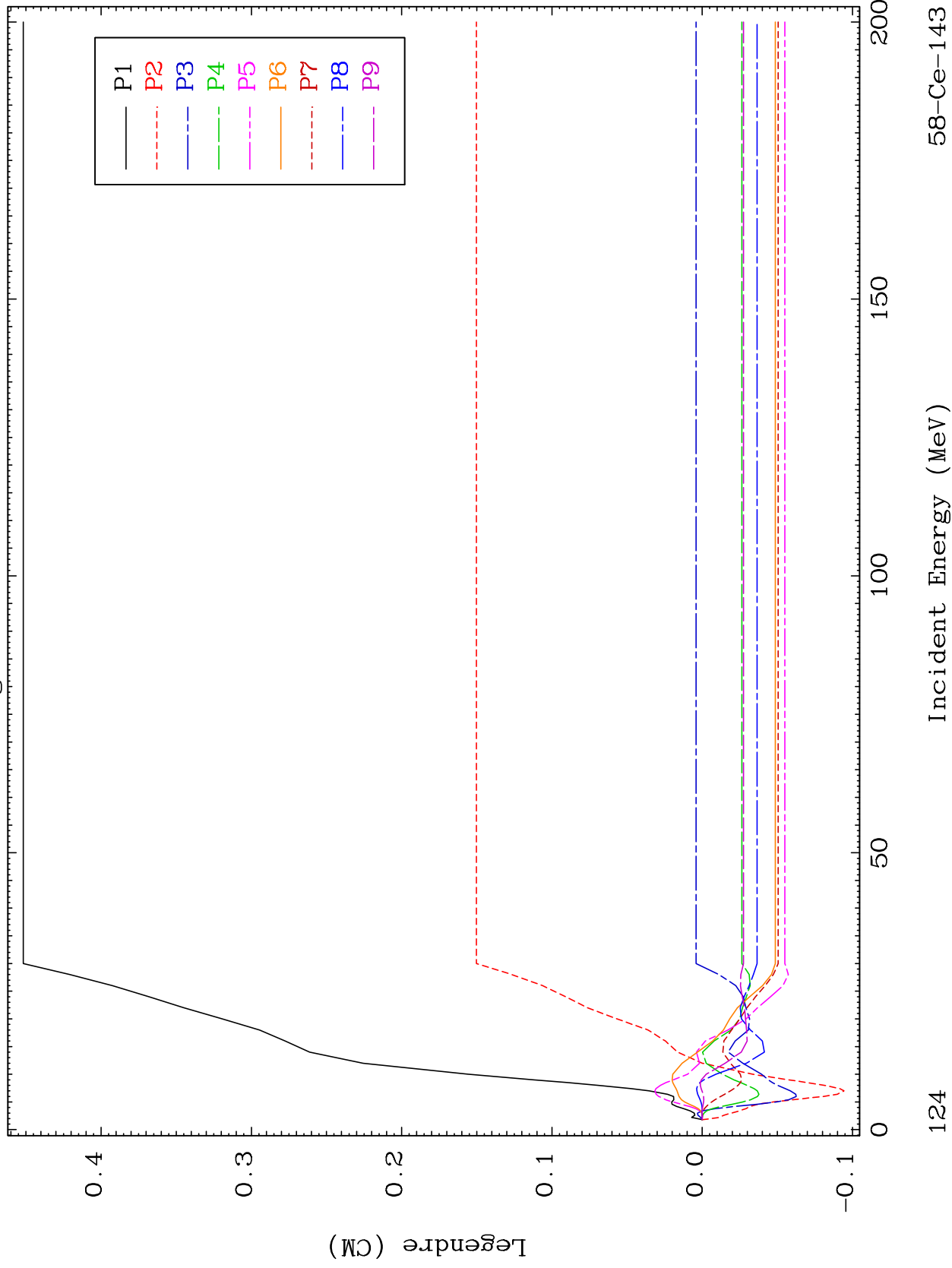
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



58-Ce-143

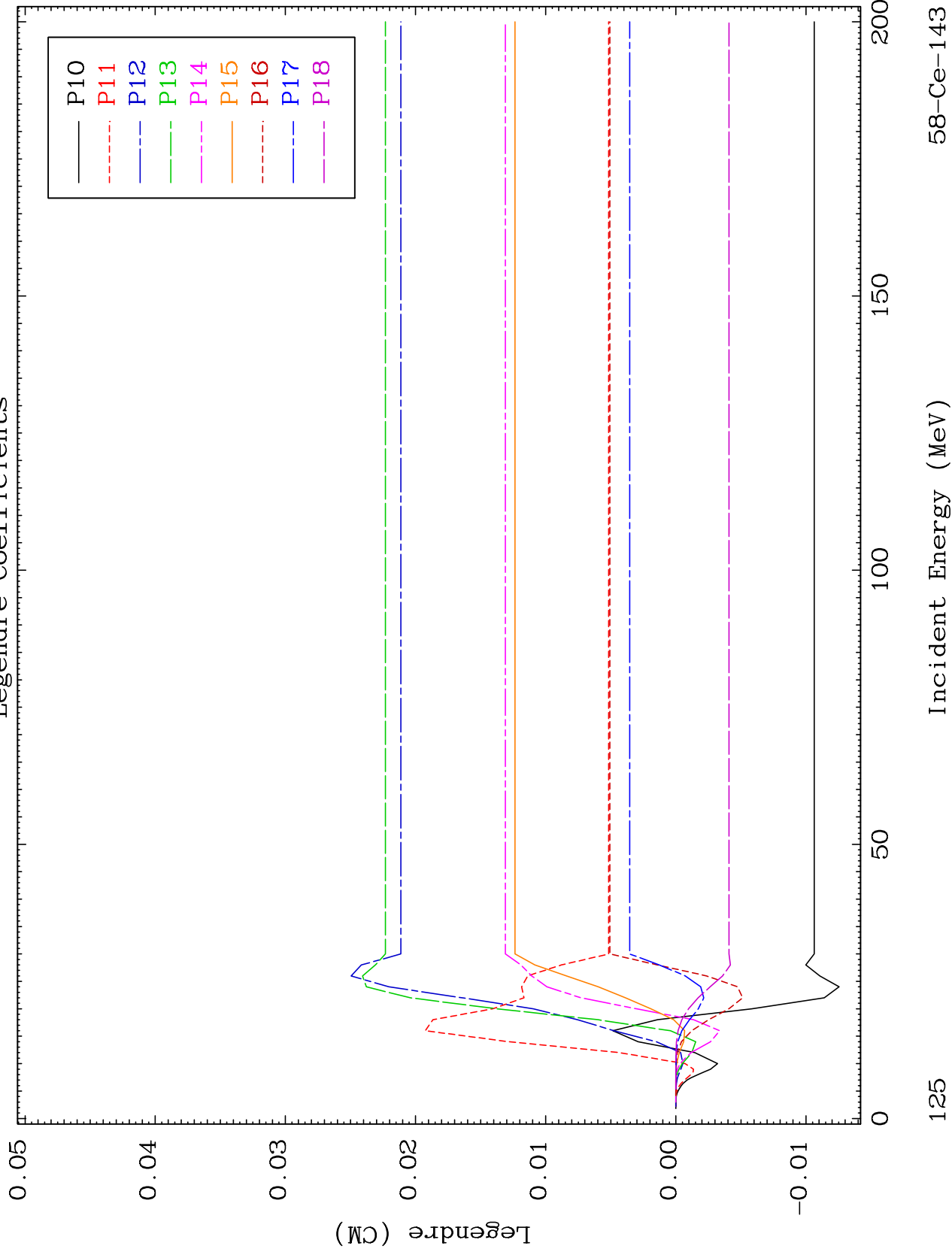
Incident Energy (MeV)

124

MAT 5846

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

58-Ce-143



58-Ce-143

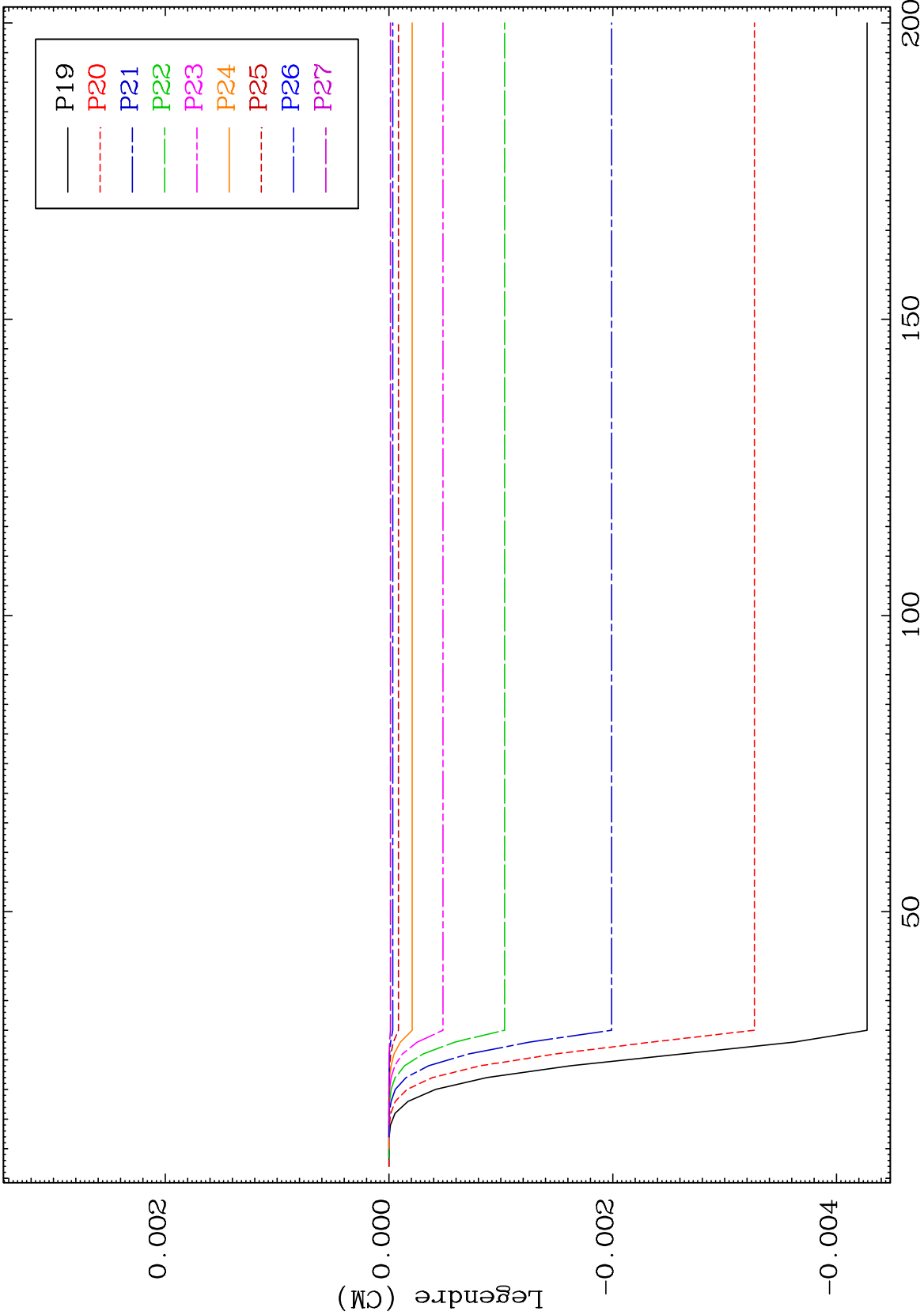
Incident Energy (MeV)

125

MAT 5846

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

58-Ce-143



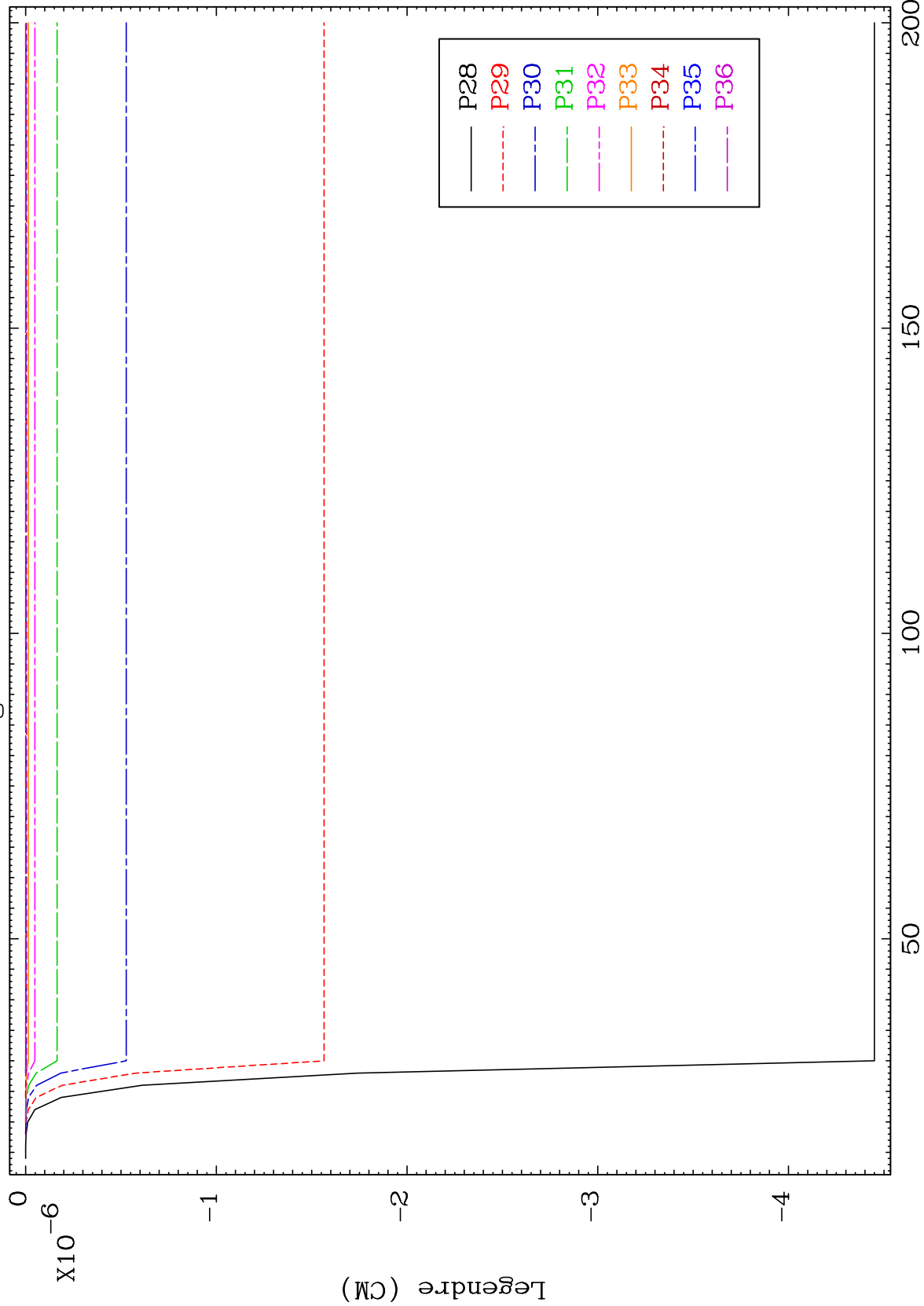
126

Incident Energy (MeV)

58-Ce-143

MAT 5846 MT= 77 (n,n') Level 58-Ce-143

Legendre Coefficients

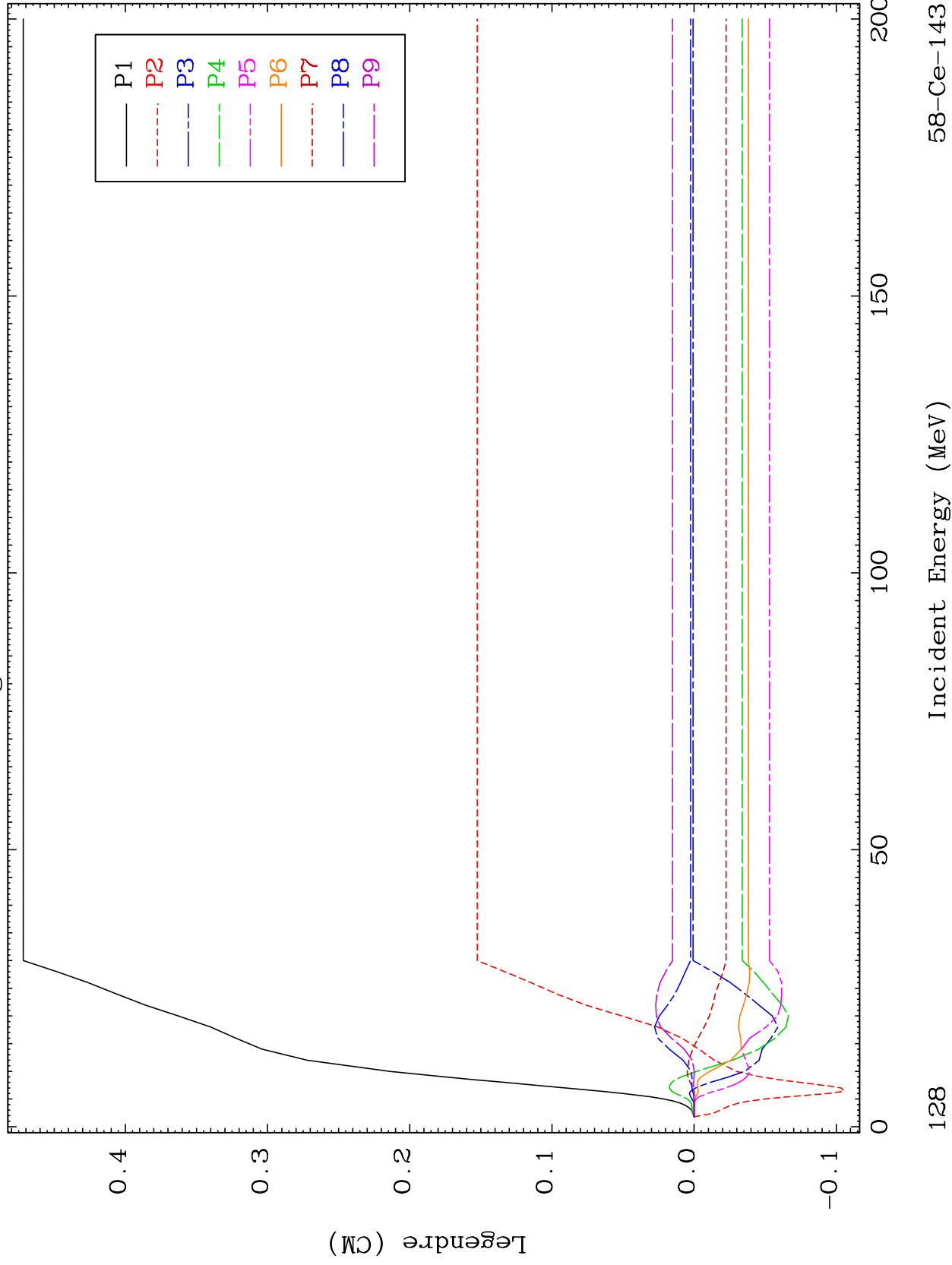


127 58-Ce-143

MAT 5846

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

58-Ce-143



128

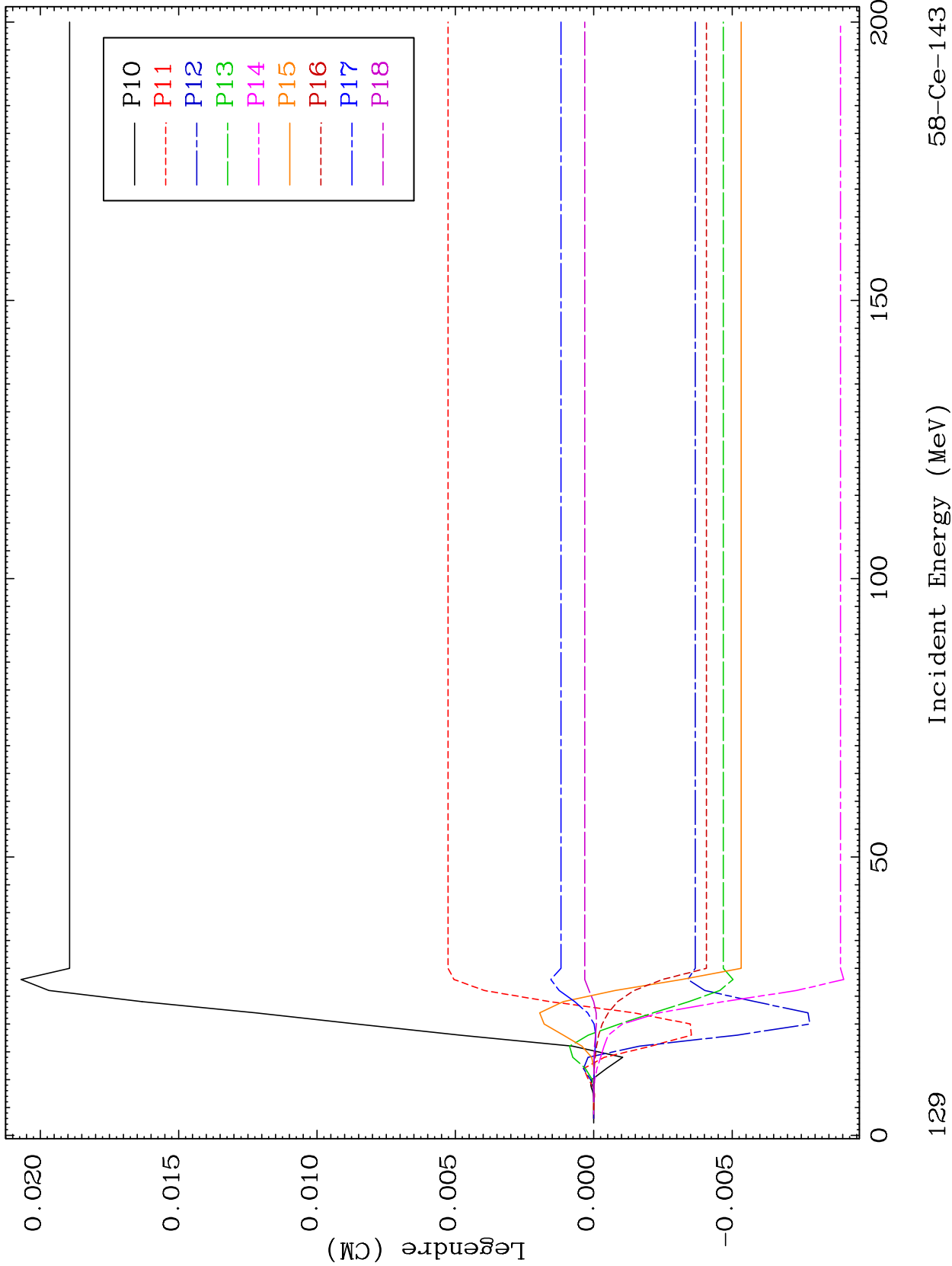
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



129

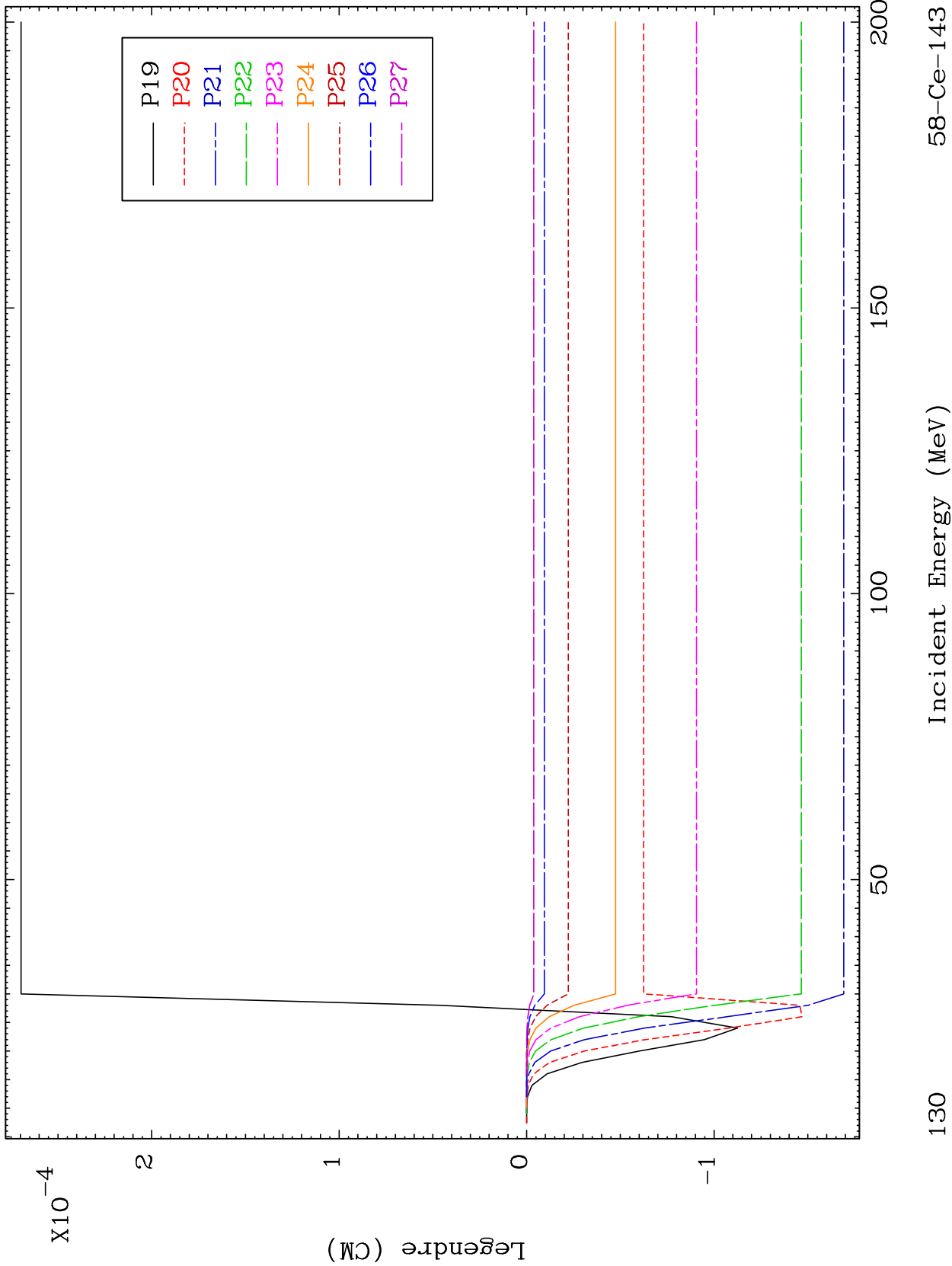
Incident Energy (MeV)

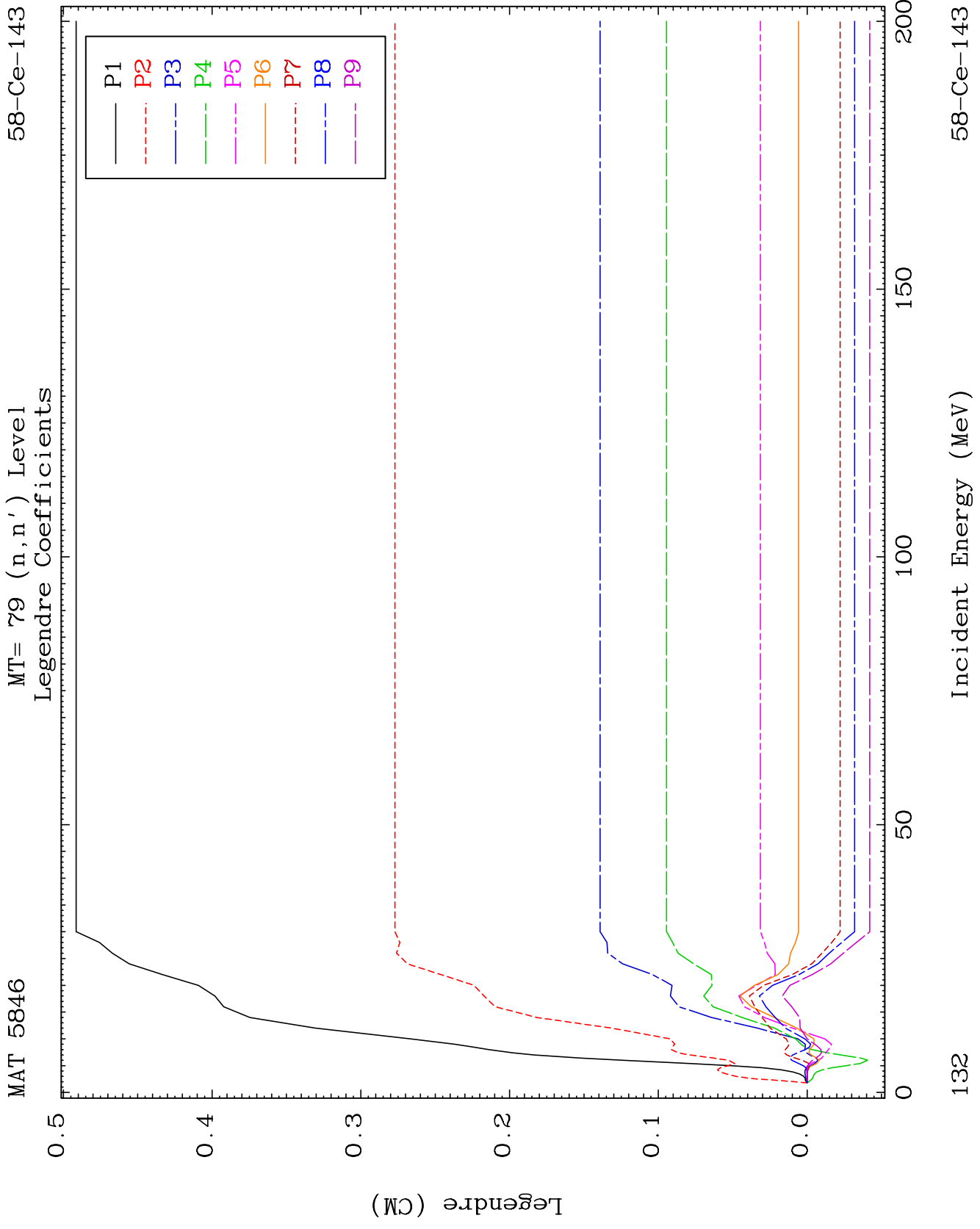
58-Ce-143

MAT 5846

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

58-Ce-143

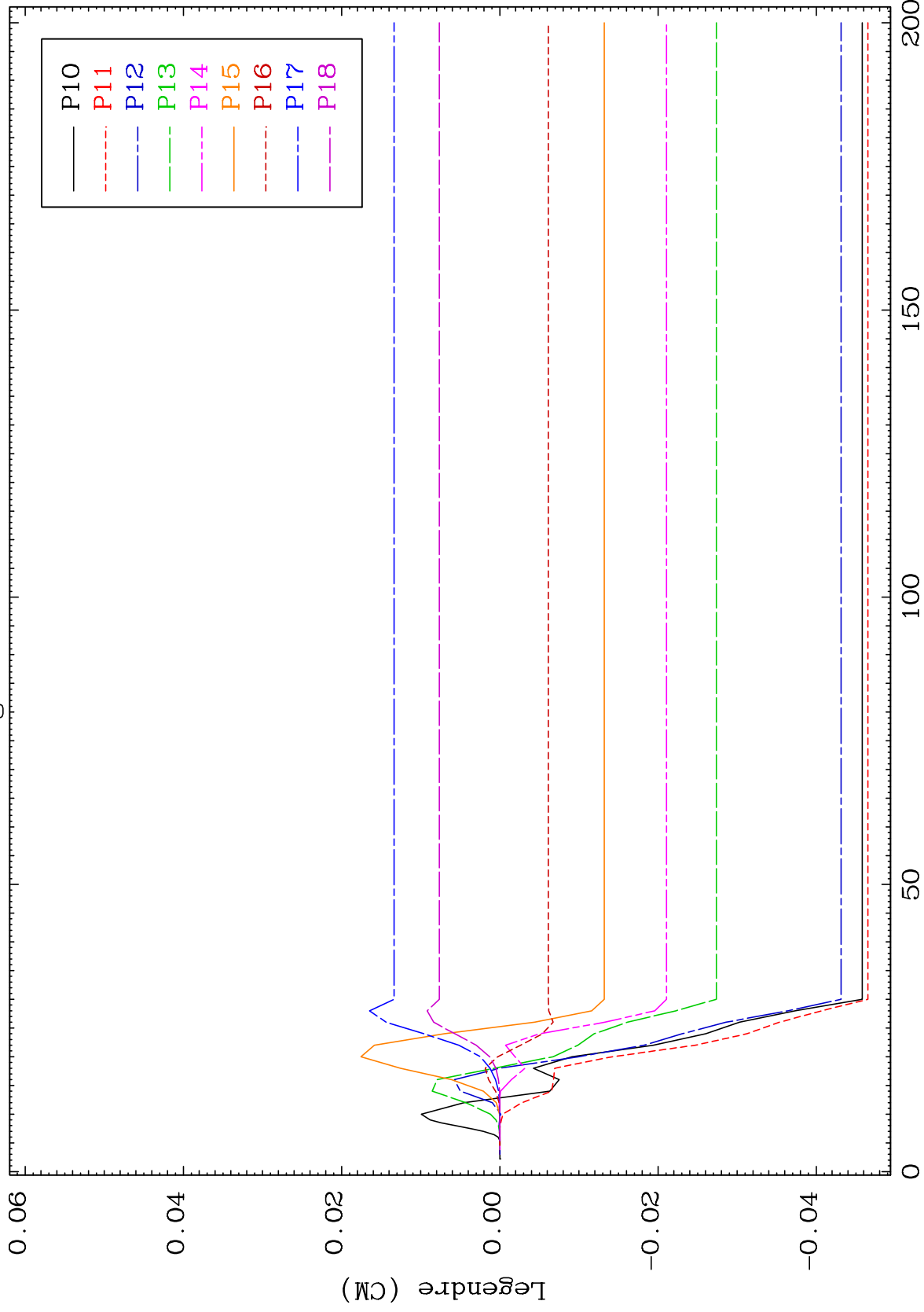




MAT 5846

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

58-Ce-143



133

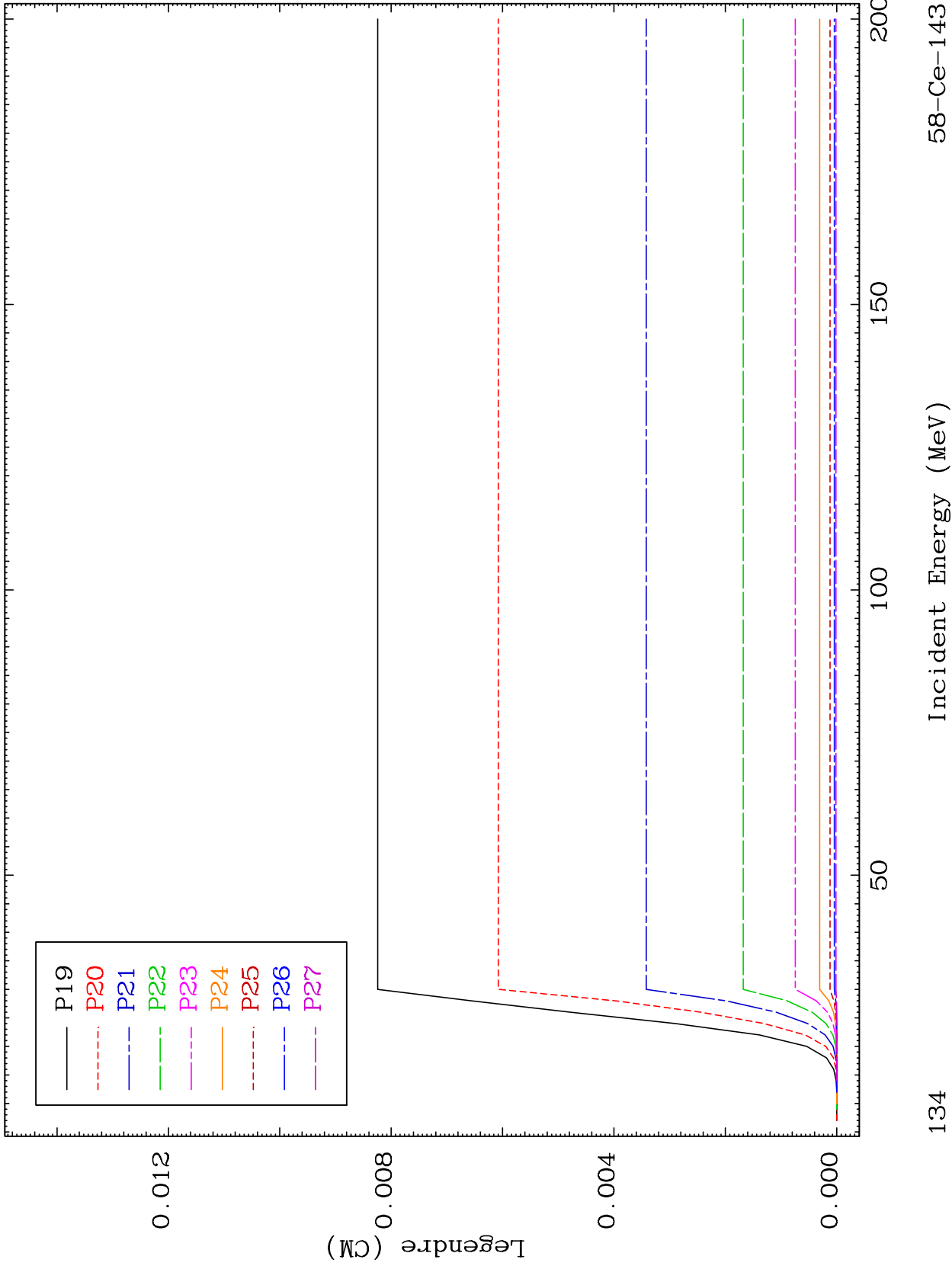
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



134

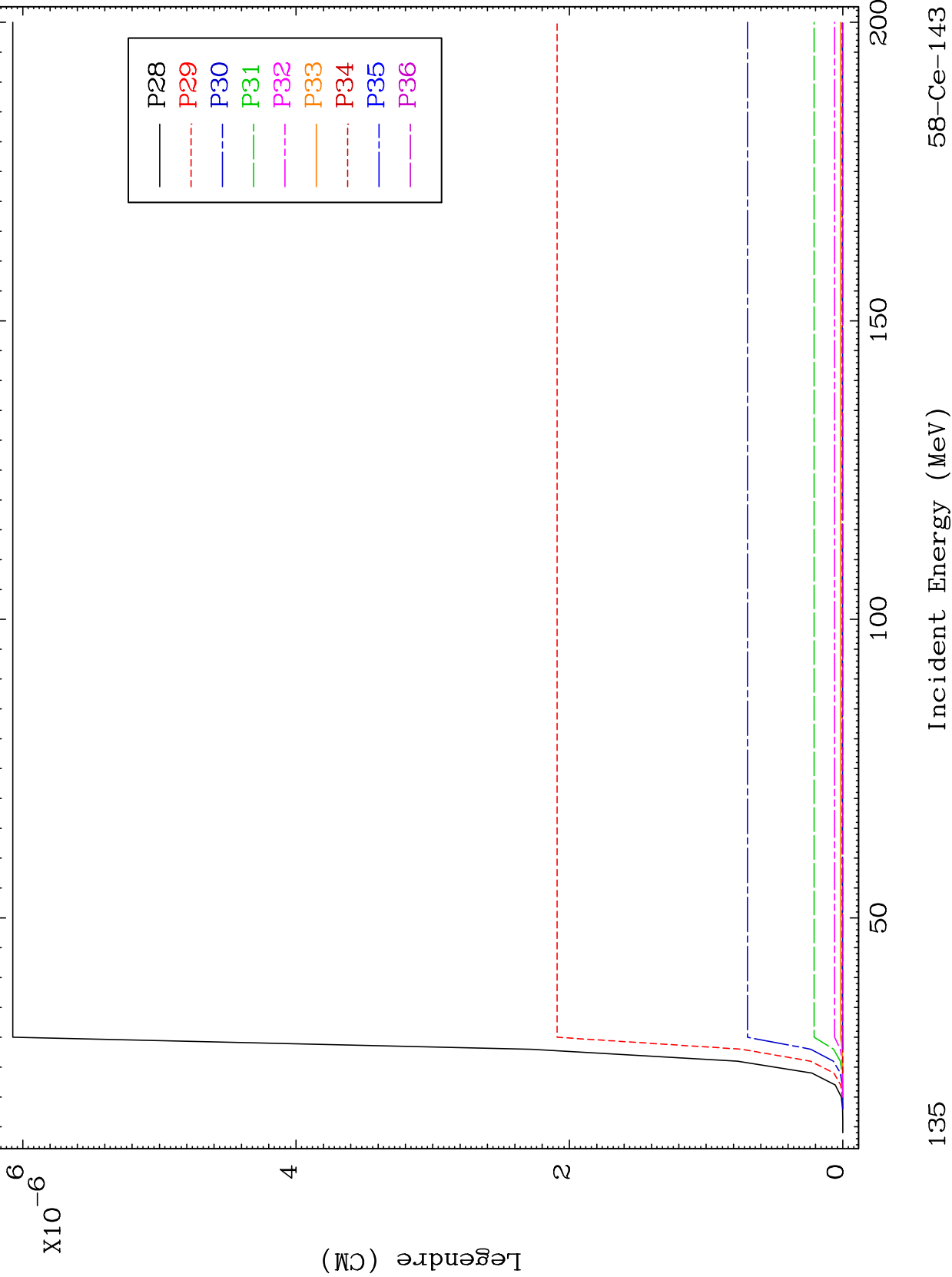
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

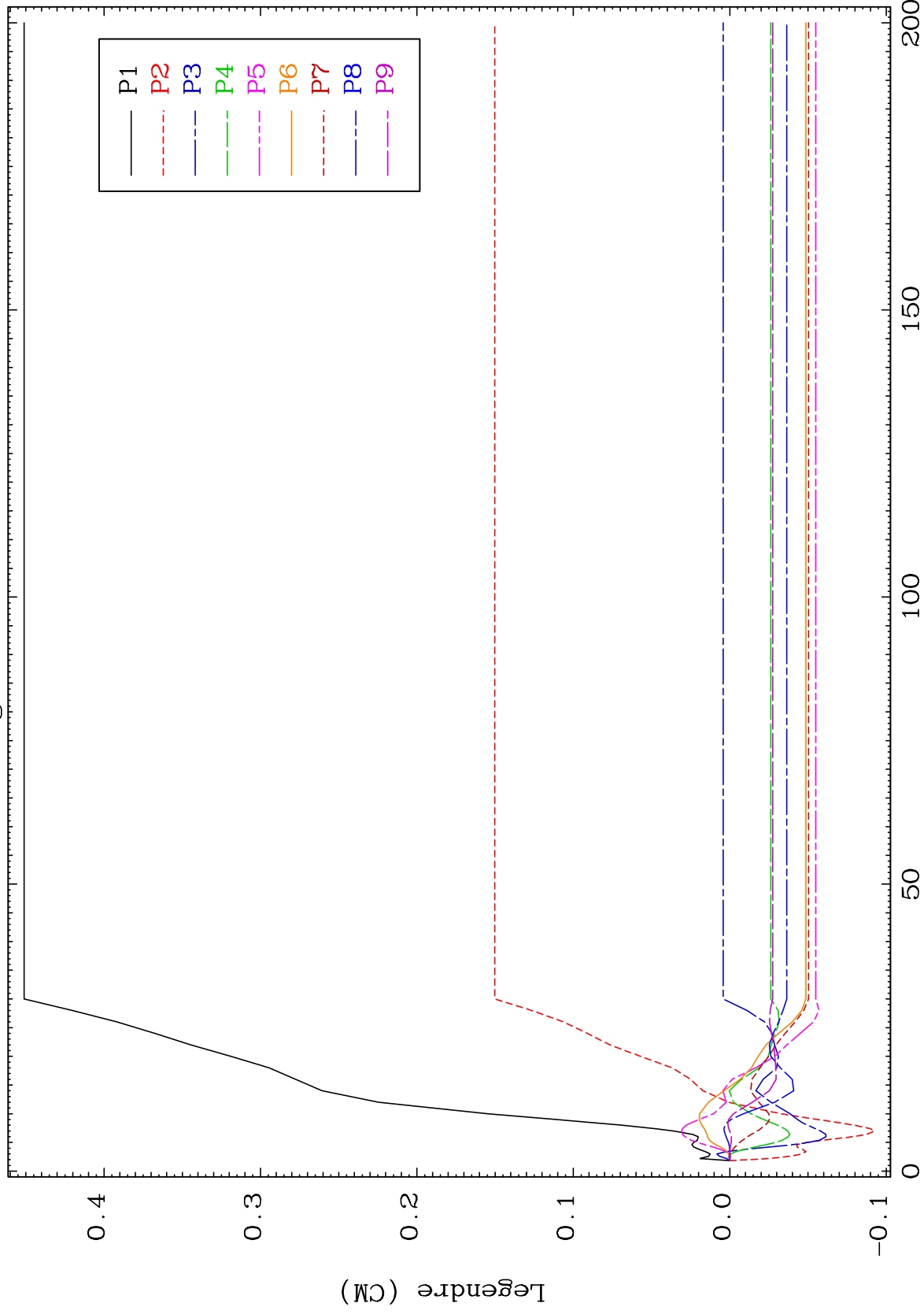
58-Ce-143



MAT 5846

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

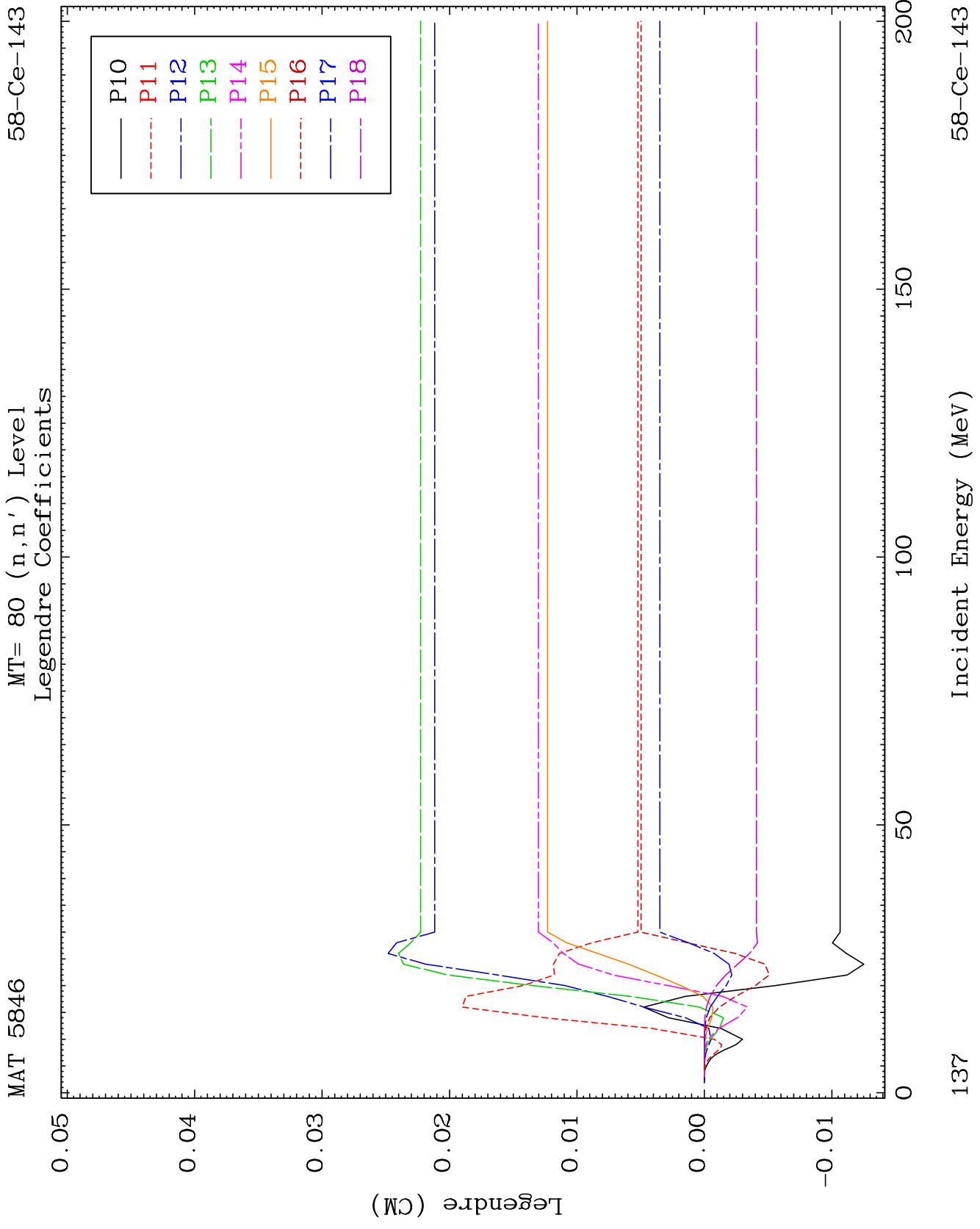
58-Ce-143



58-Ce-143

Incident Energy (MeV)

136



58-Ce-143

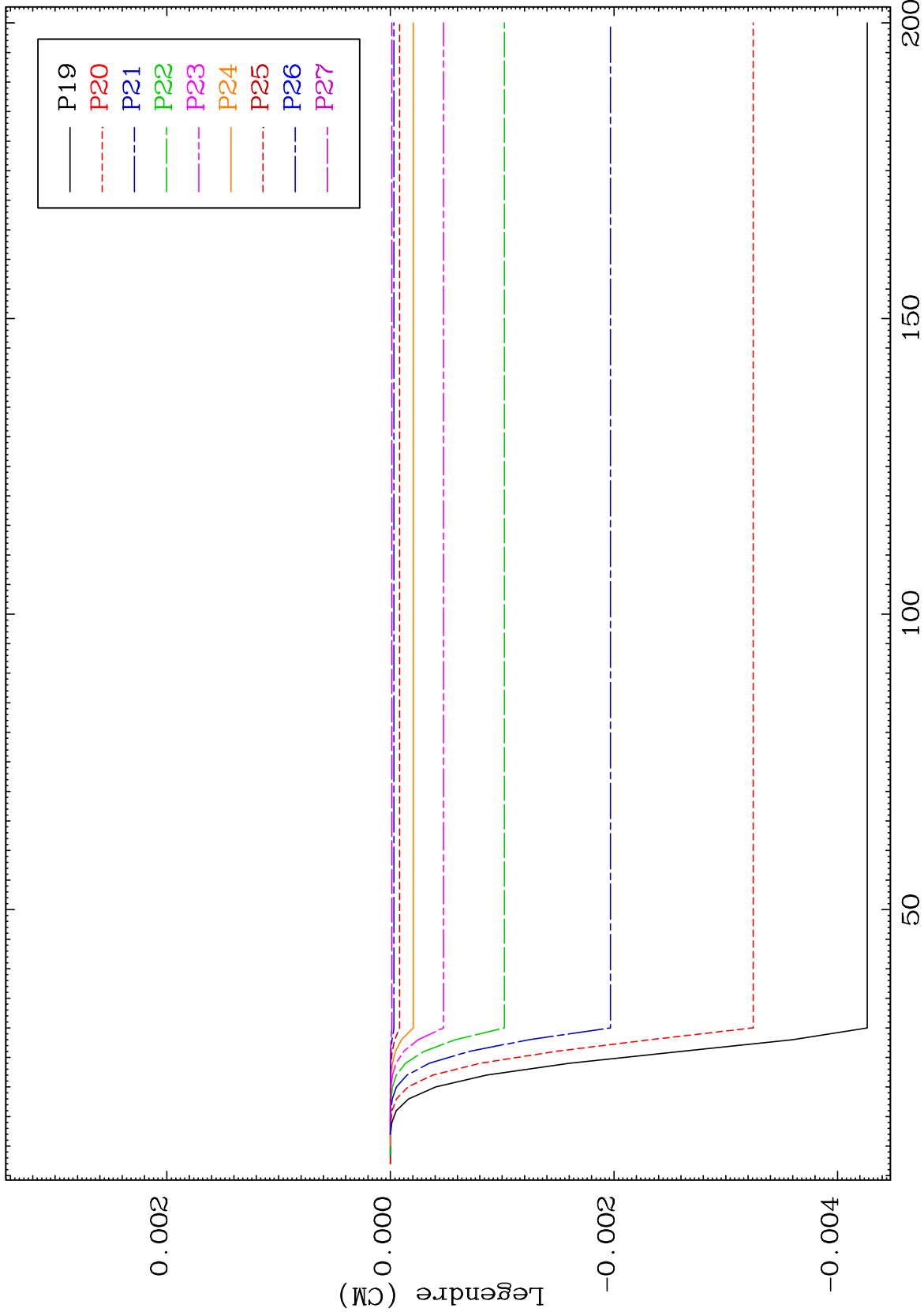
Incident Energy (MeV)

137

MAT 5846

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

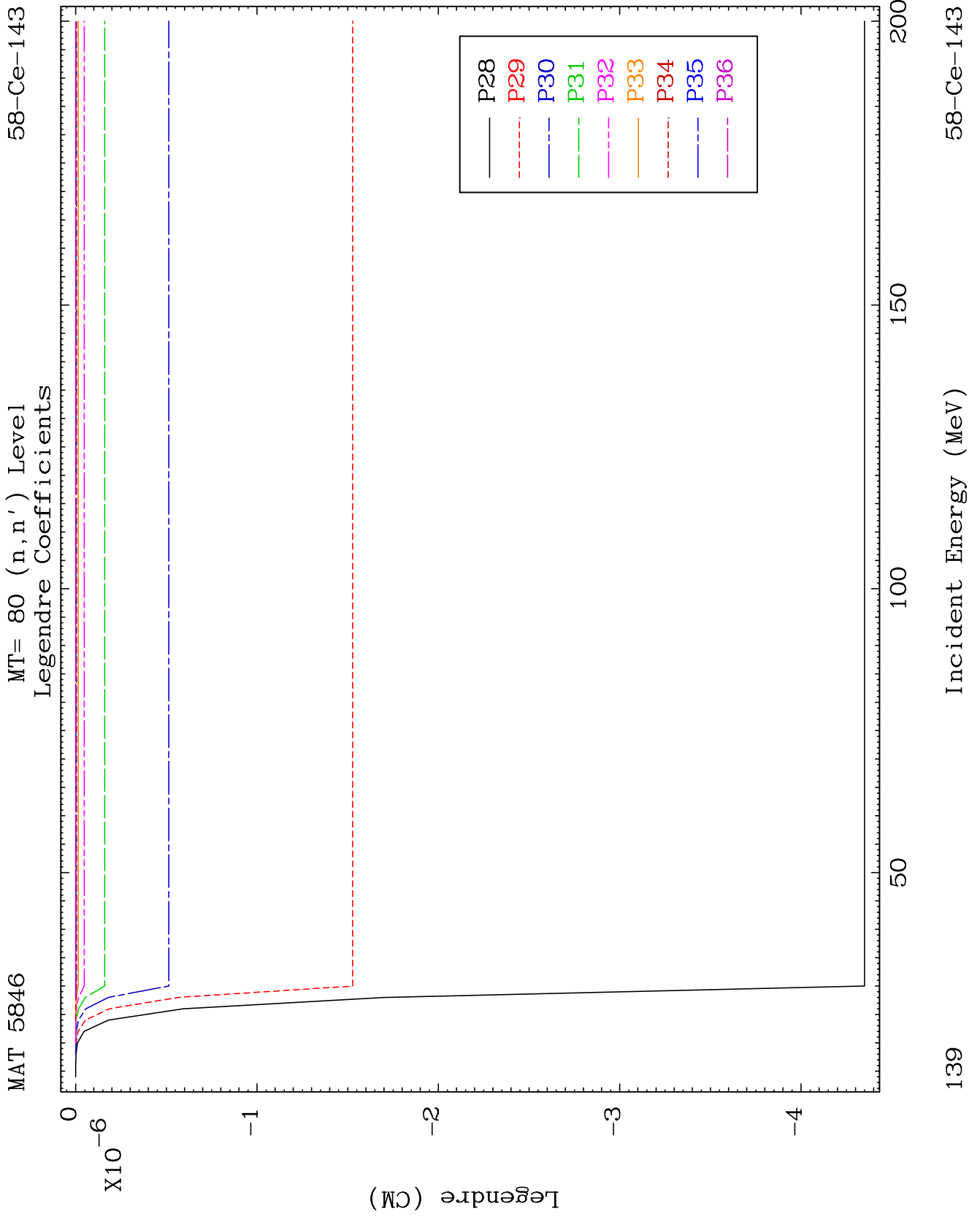
58-Ce-143



138

Incident Energy (MeV)

58-Ce-143

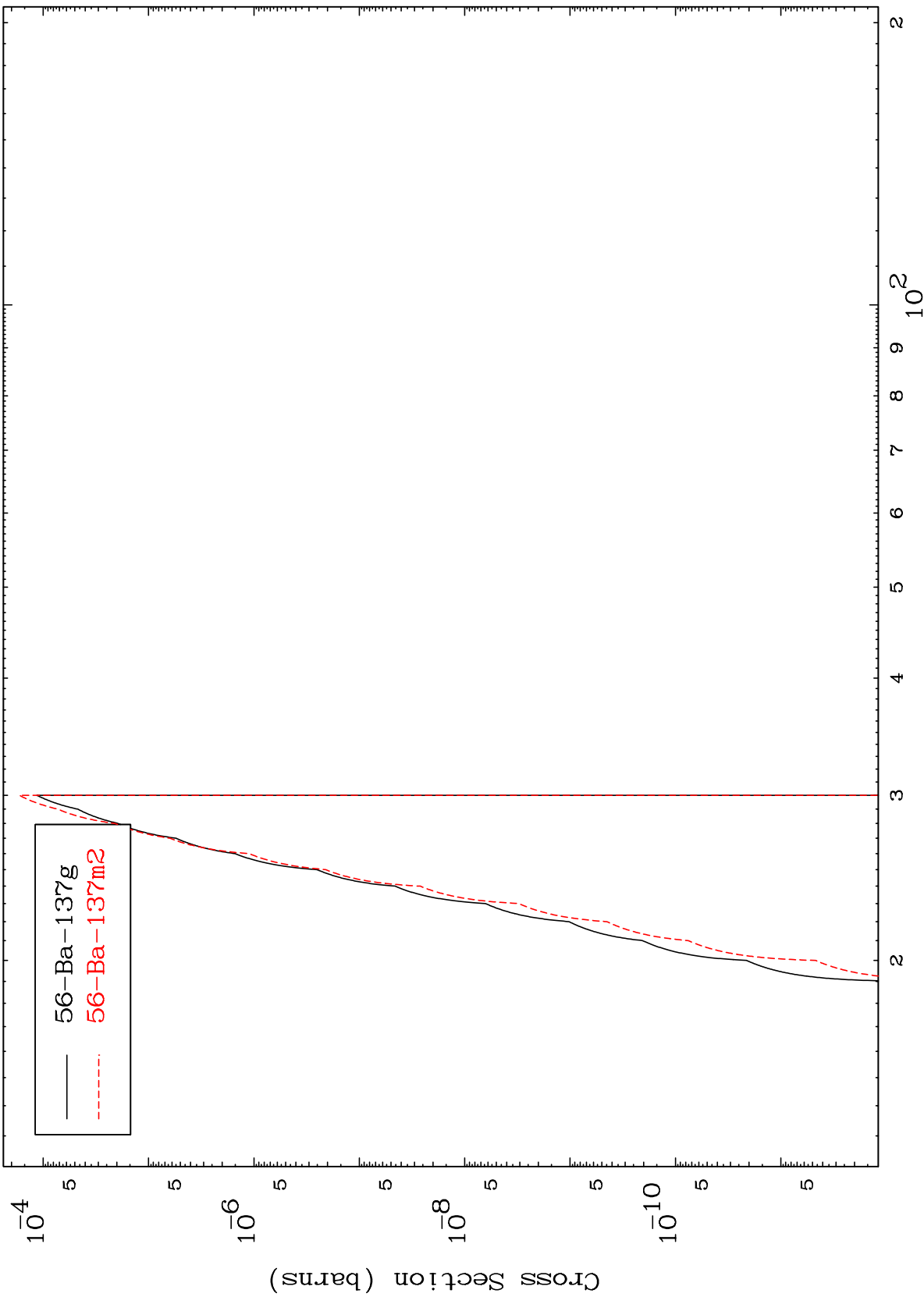


MAT 5846

(n,3n) α

58-Ce-143

Radionuclide Production Cross Section



140

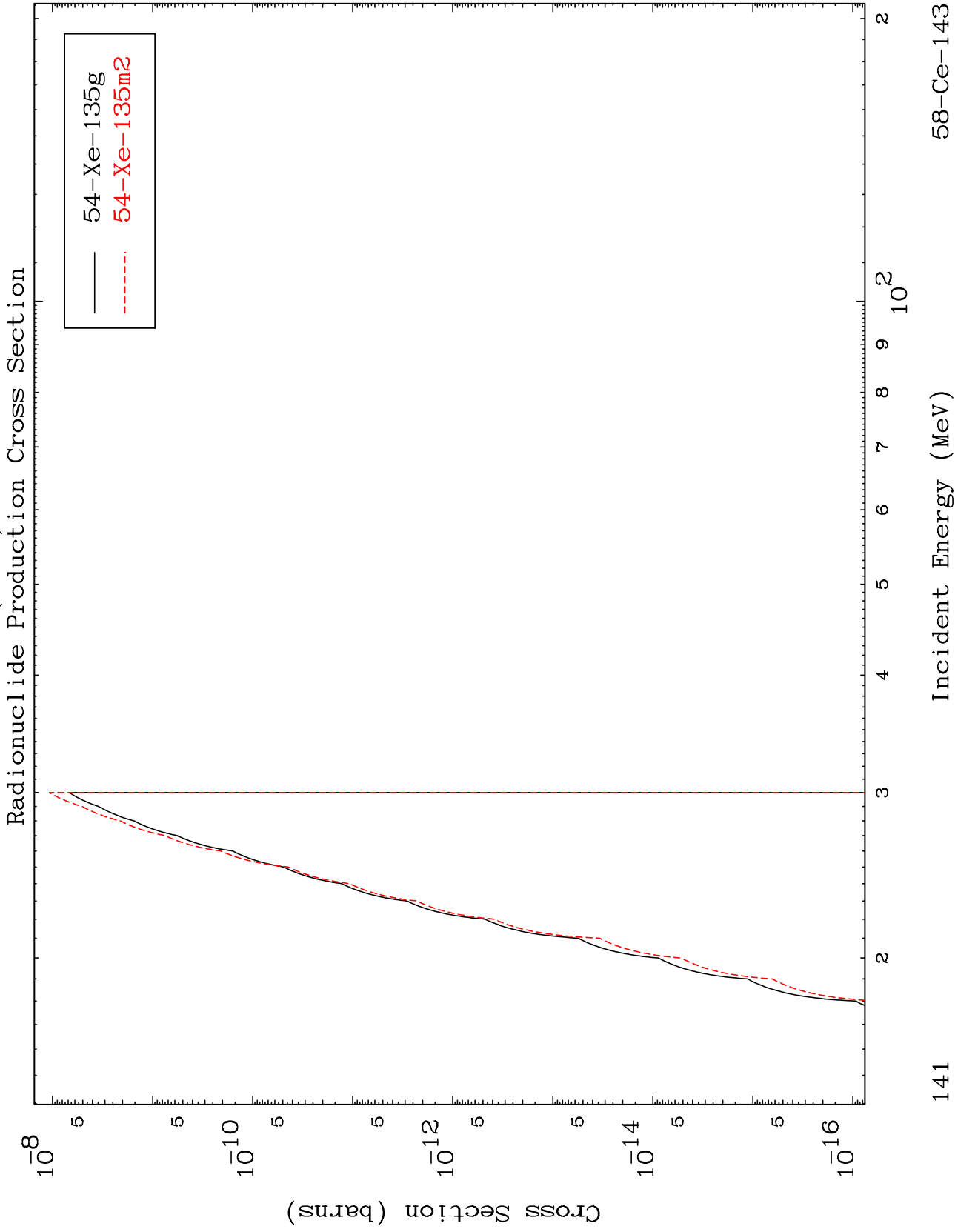
Incident Energy (MeV)

58-Ce-143

MAT 5846

(n,n') 2 α

58-Ce-143



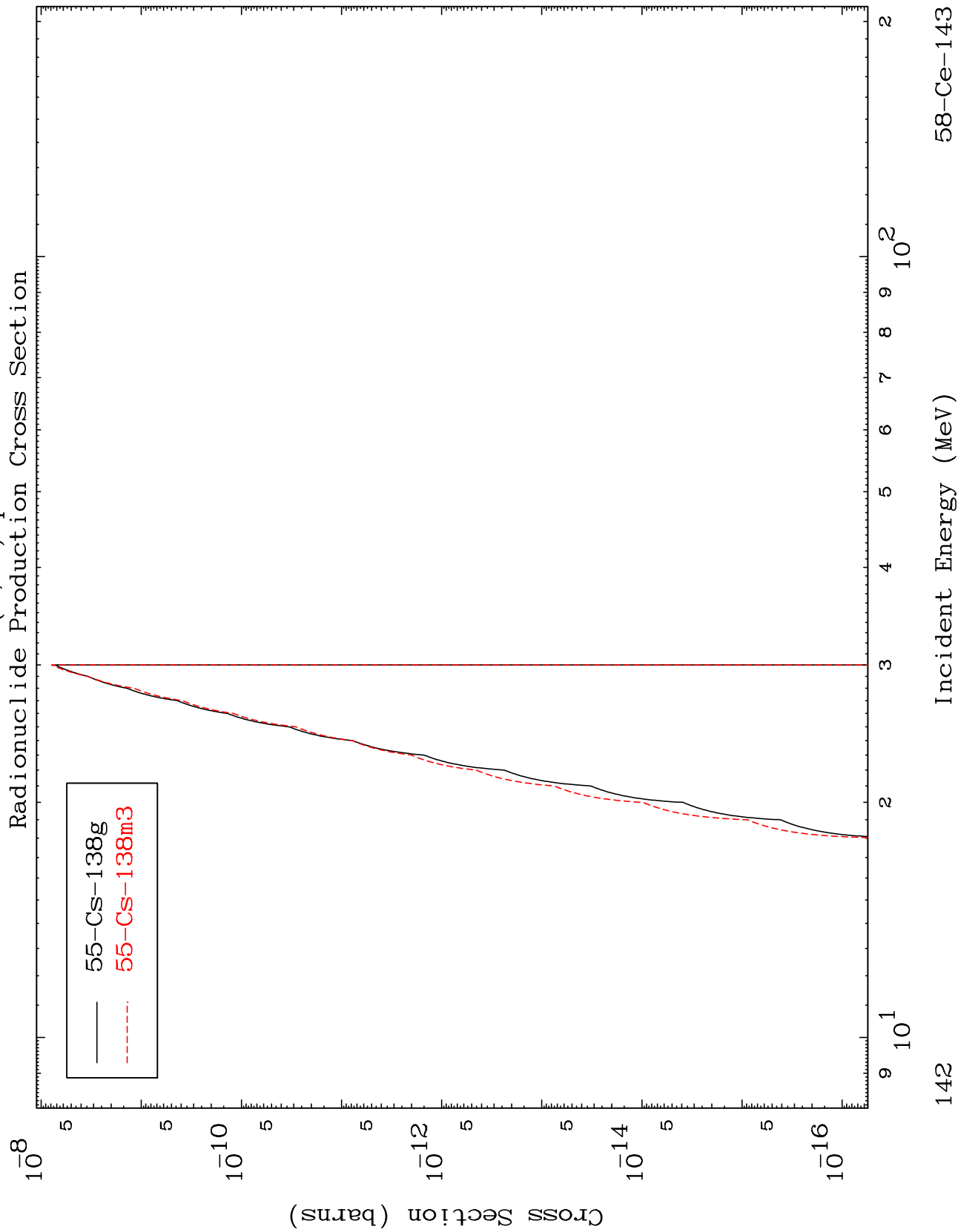
141

58-Ce-143

MAT 5846

(n,n') p α

58-Ce-143

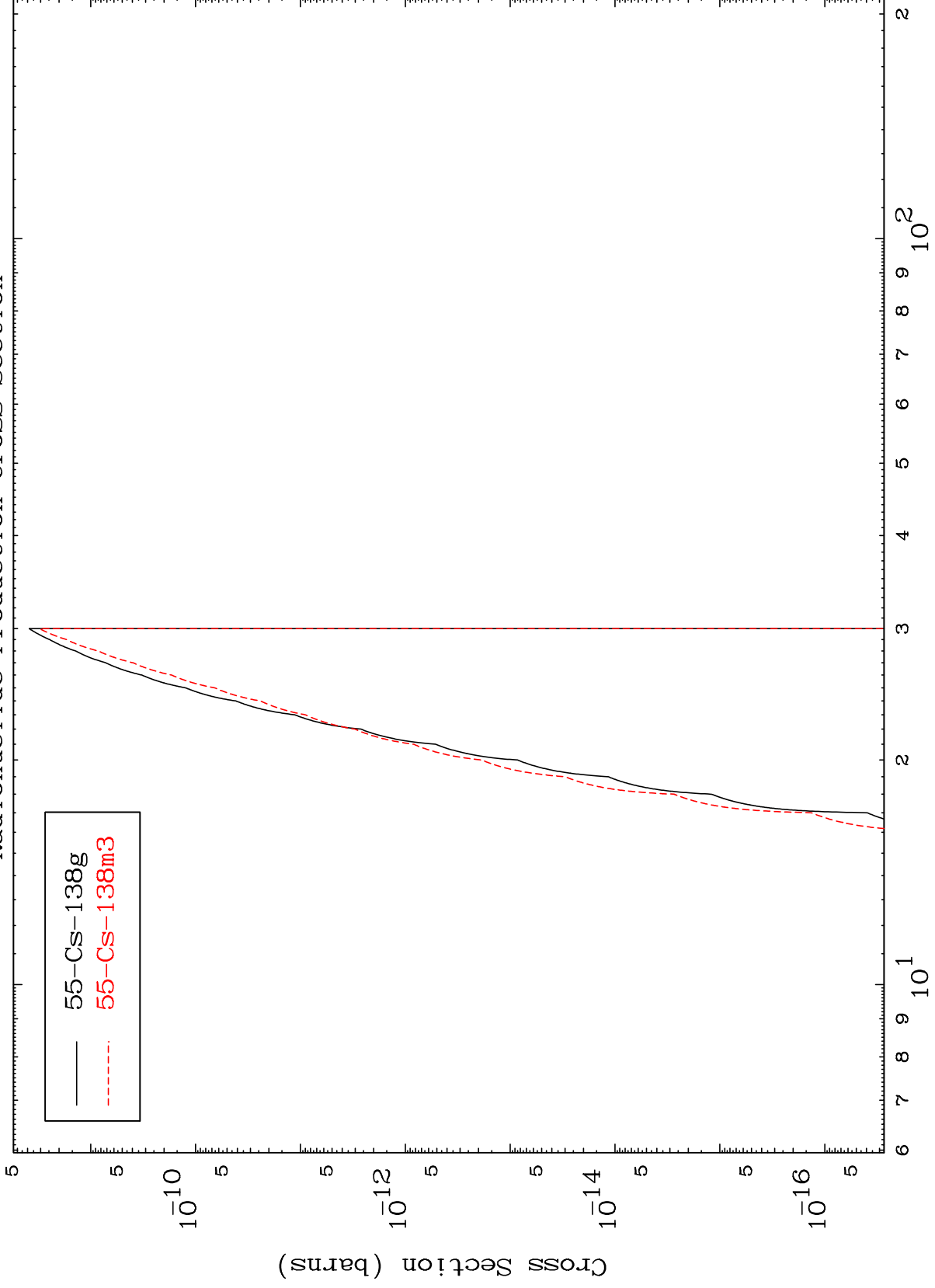


MAT 5846

(n,d) α

58-Ce-143

Radionuclide Production Cross Section



143

Incident Energy (MeV)

58-Ce-143