

Program EVALPLOT
(Version 2018-1)

by

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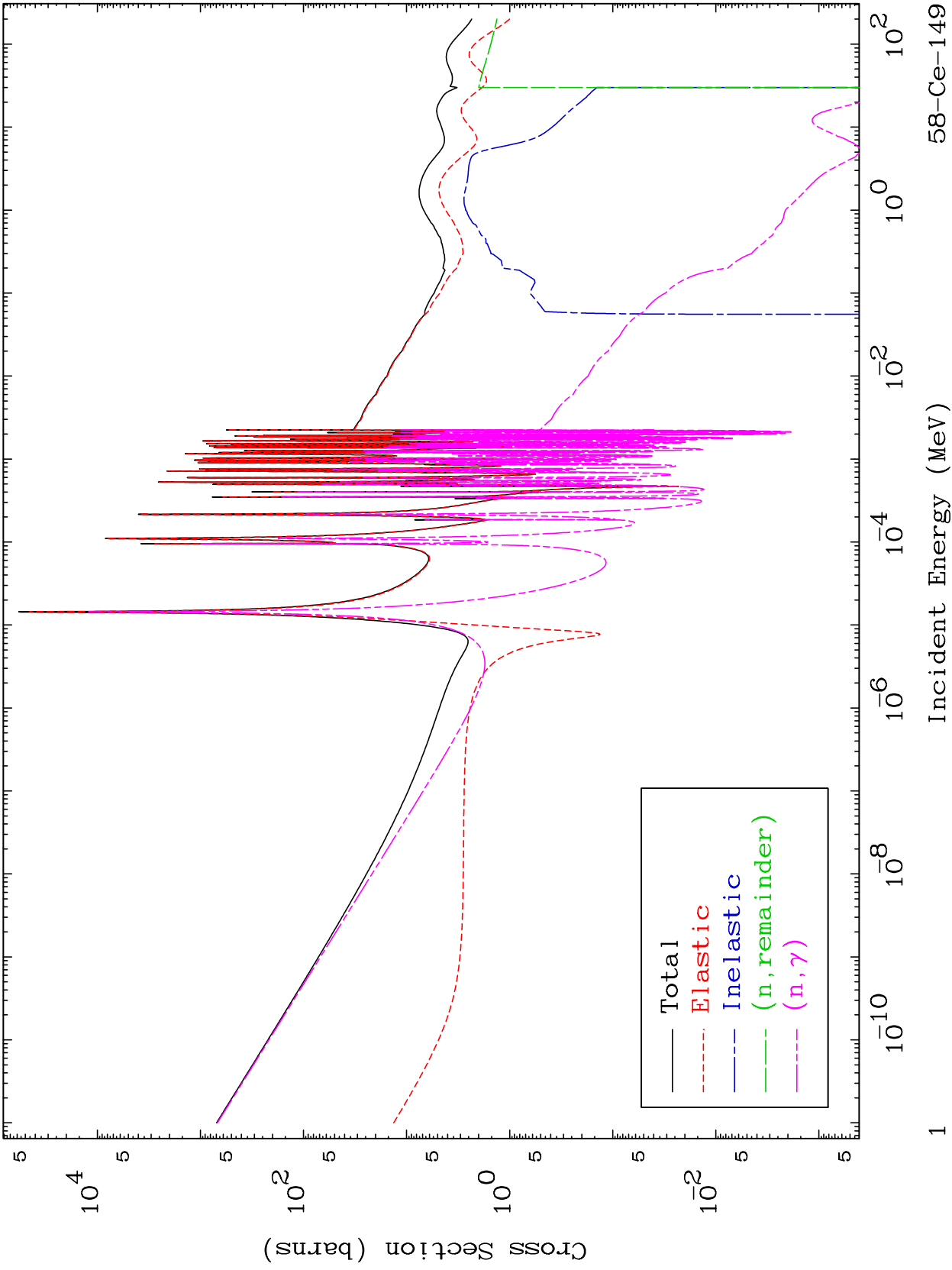
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5864

Major
293 Kelvin Cross Sections

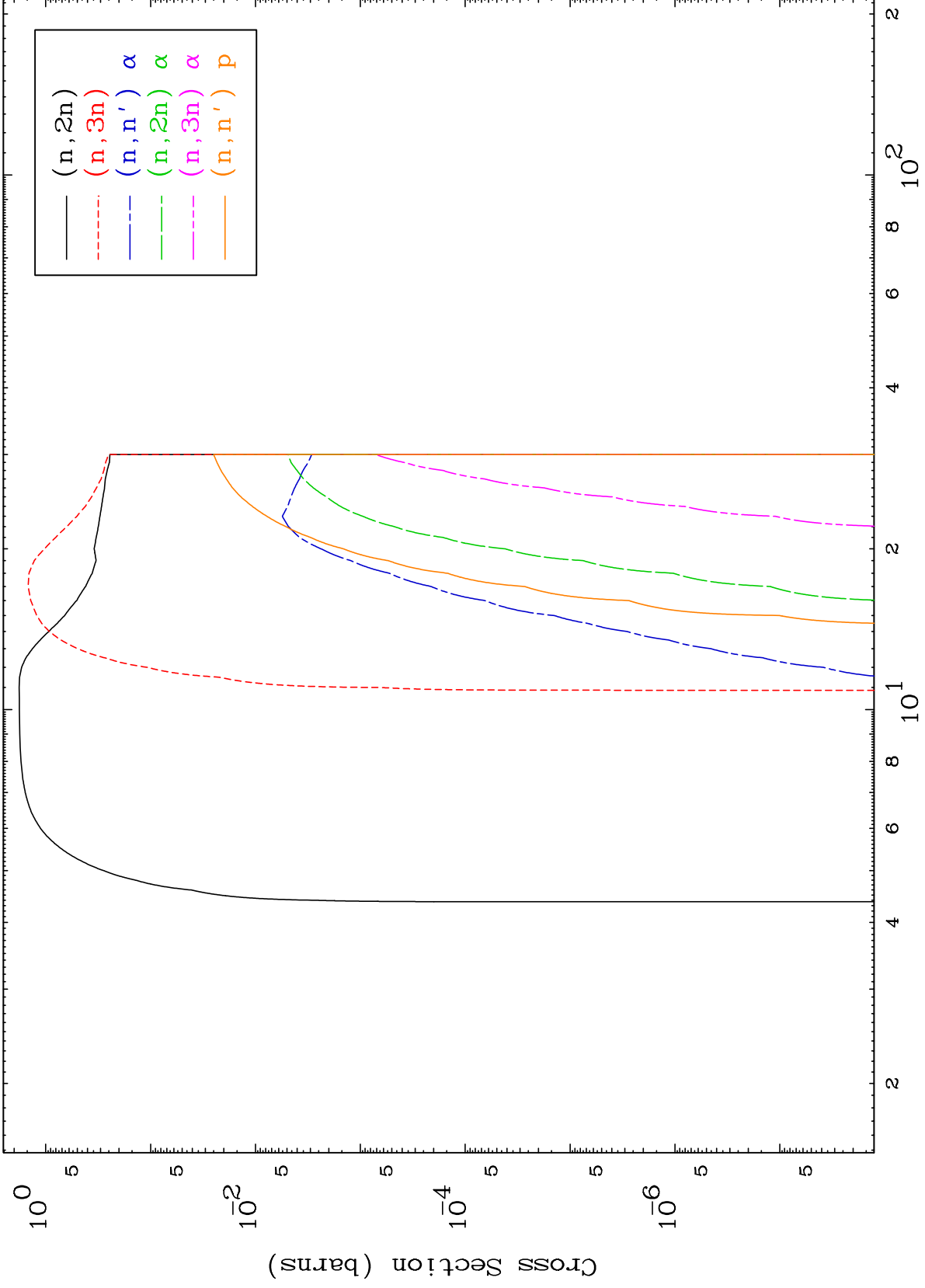
58-Ce-149



MAT 5864

Neutron Production
293 Kelvin Cross Sections

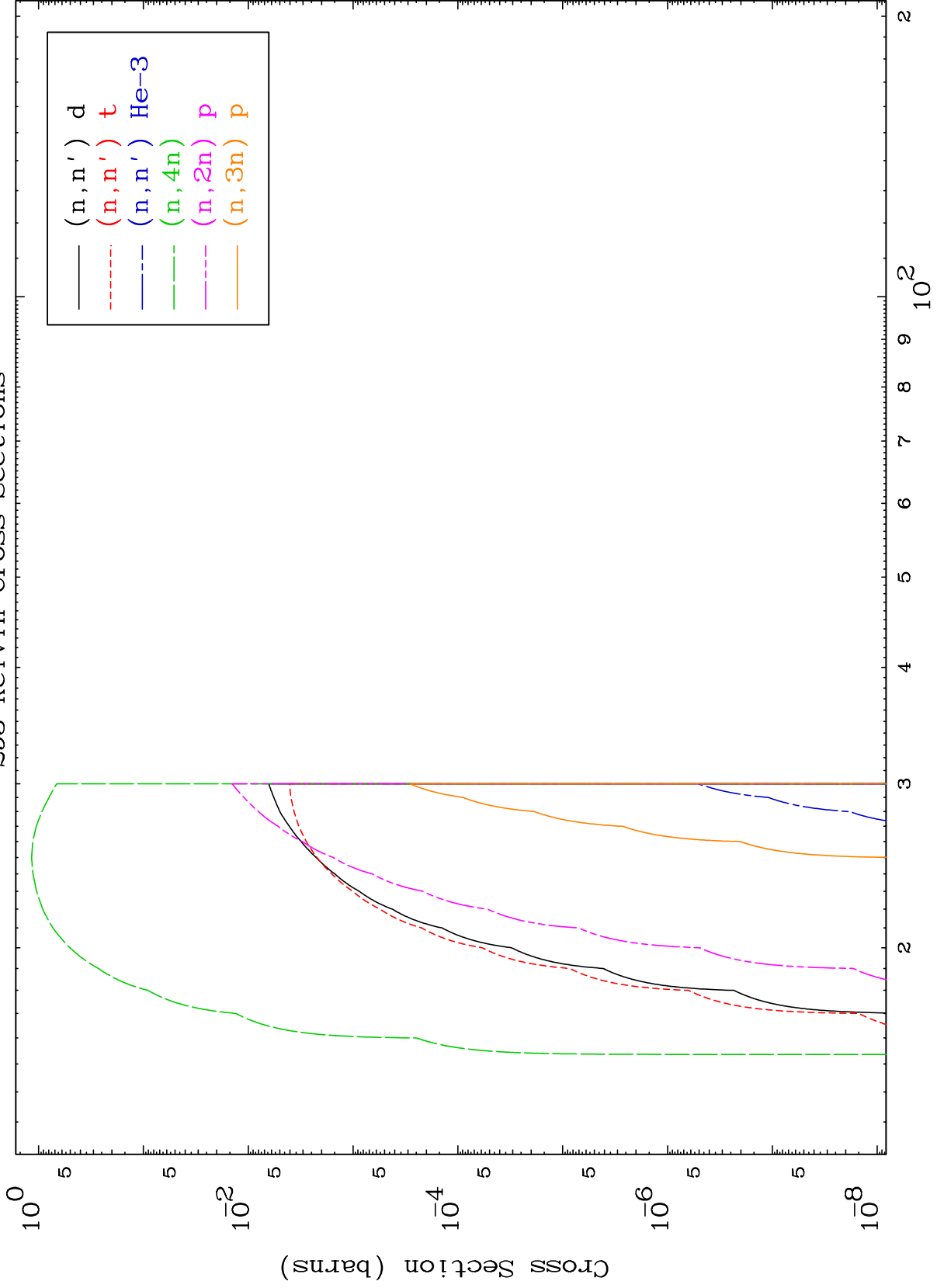
58-Ce-149



2

Incident Energy (MeV)

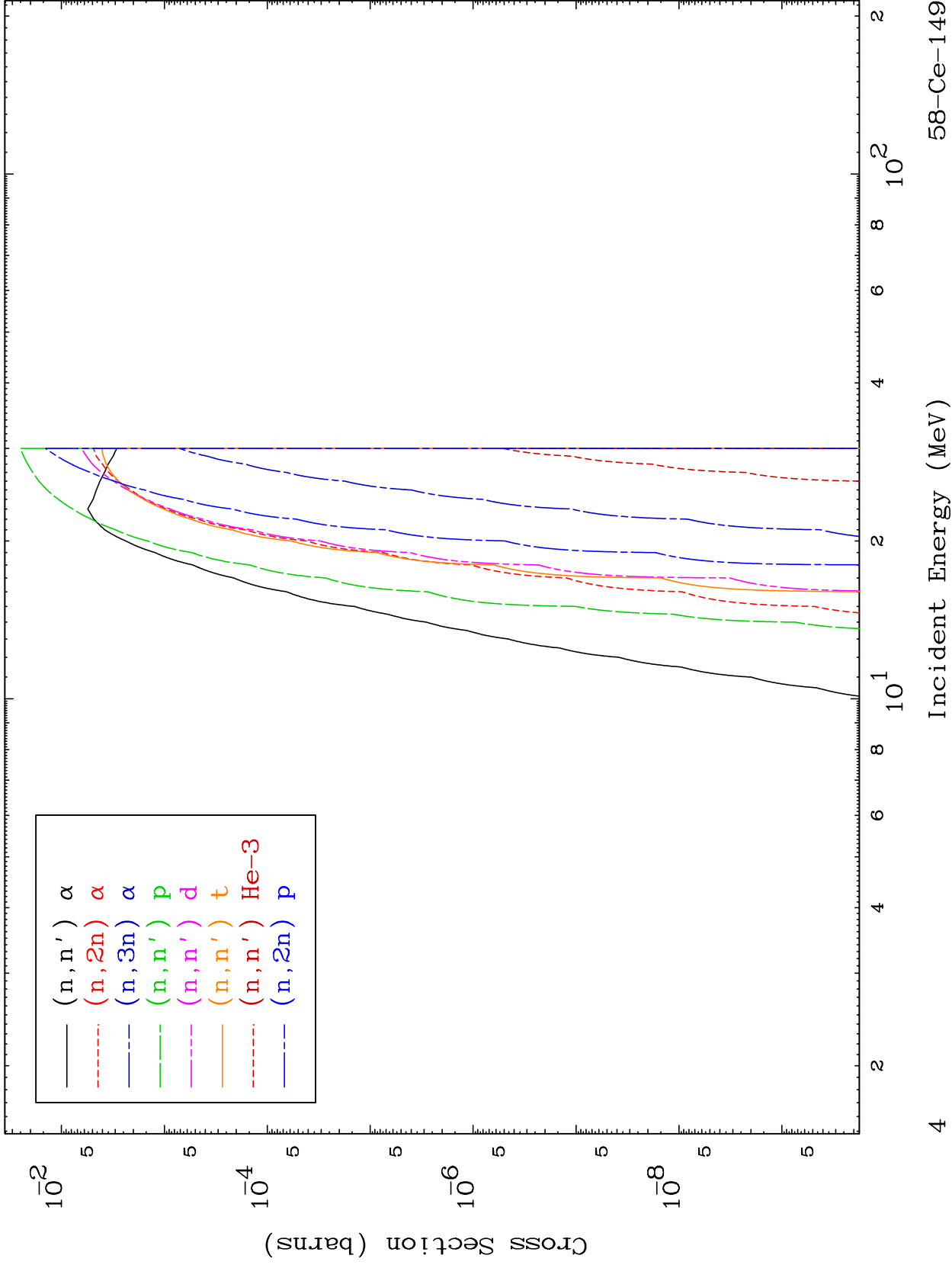
58-Ce-149



MAT 5864

Charged Particle
293 Kelvin Cross Sections

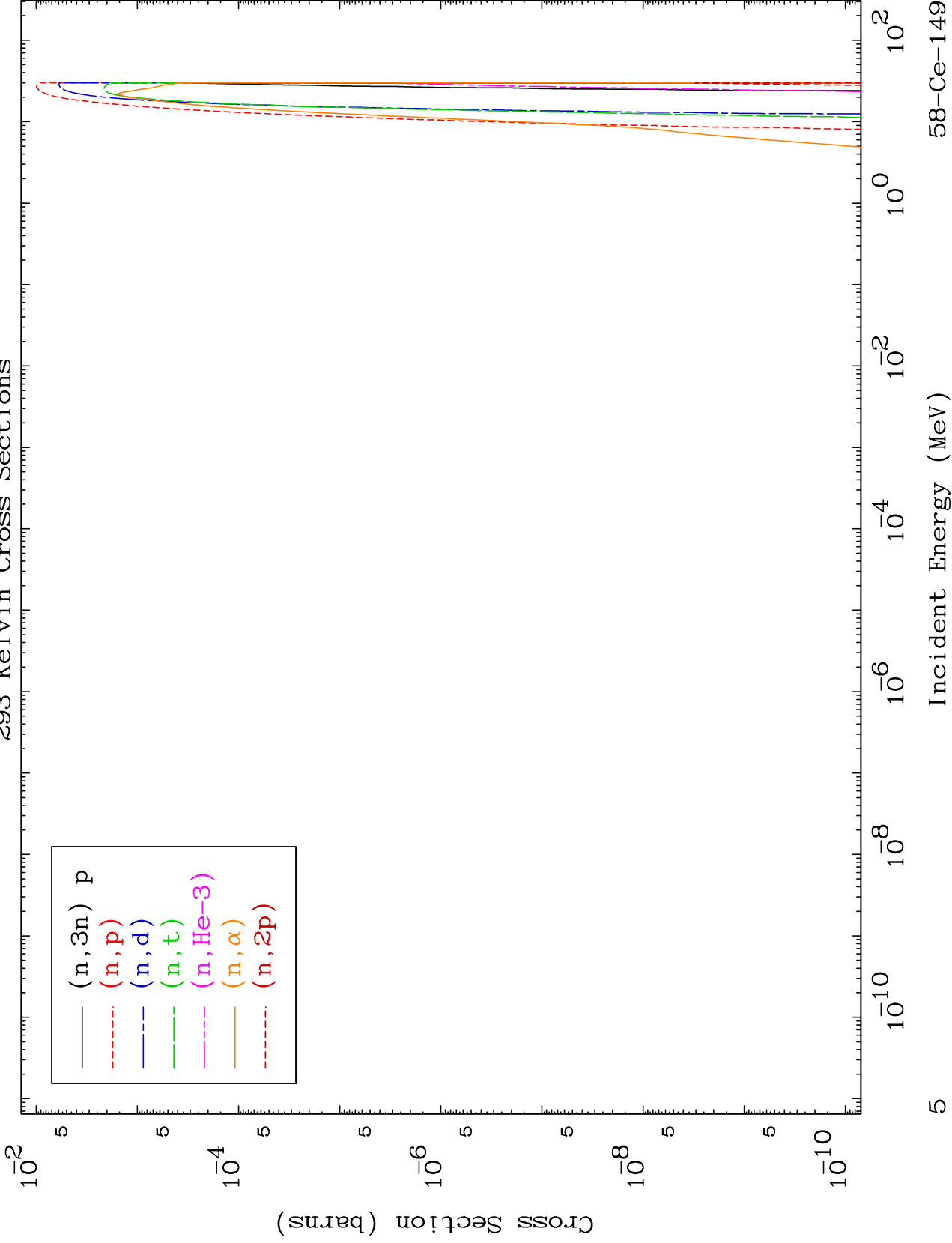
58-Ce-149



MAT 5864

Charged Particle
293 Kelvin Cross Sections

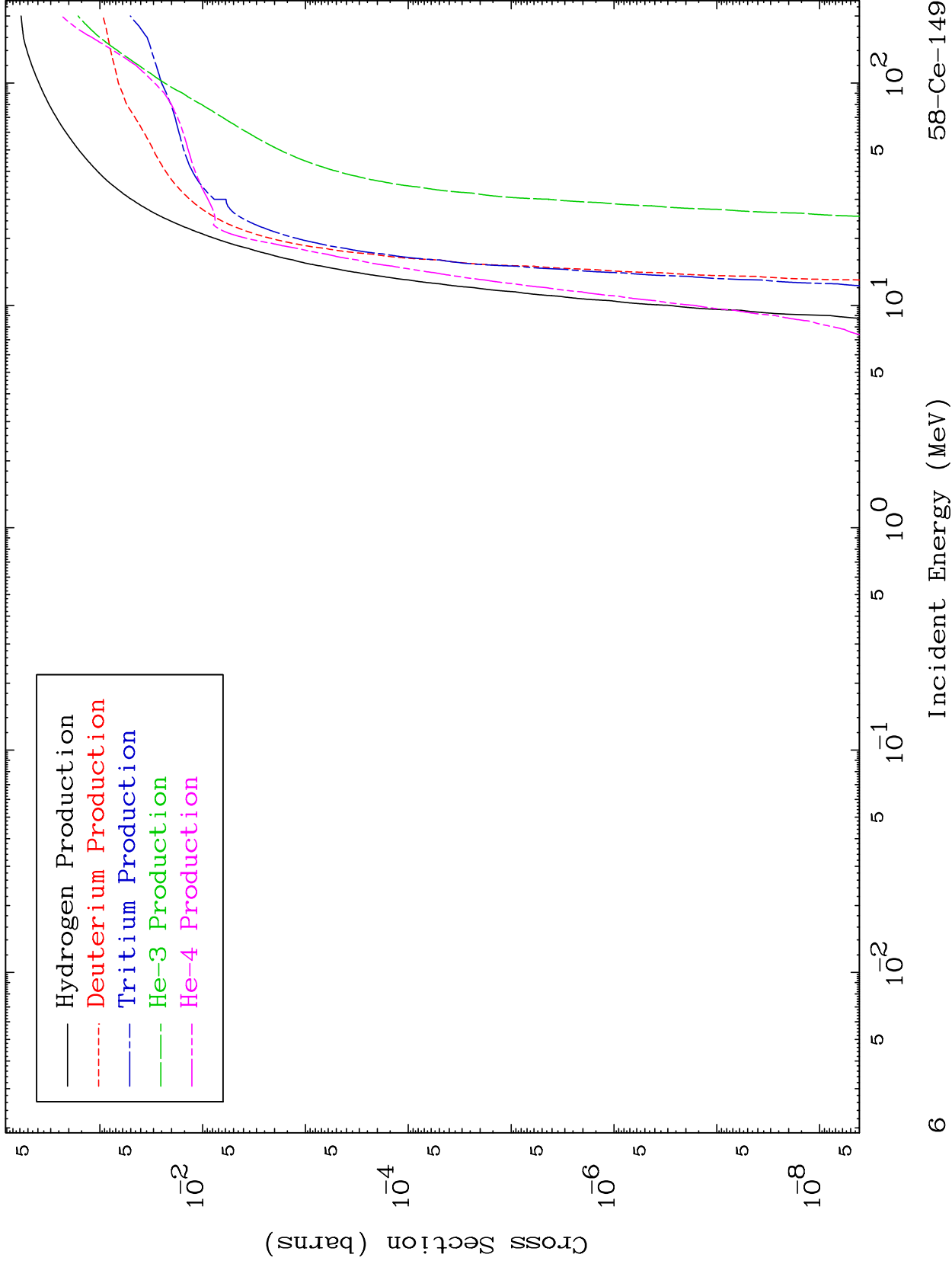
58-Ce-149



MAT 5864

Particle Production
293 Kelvin Cross Sections

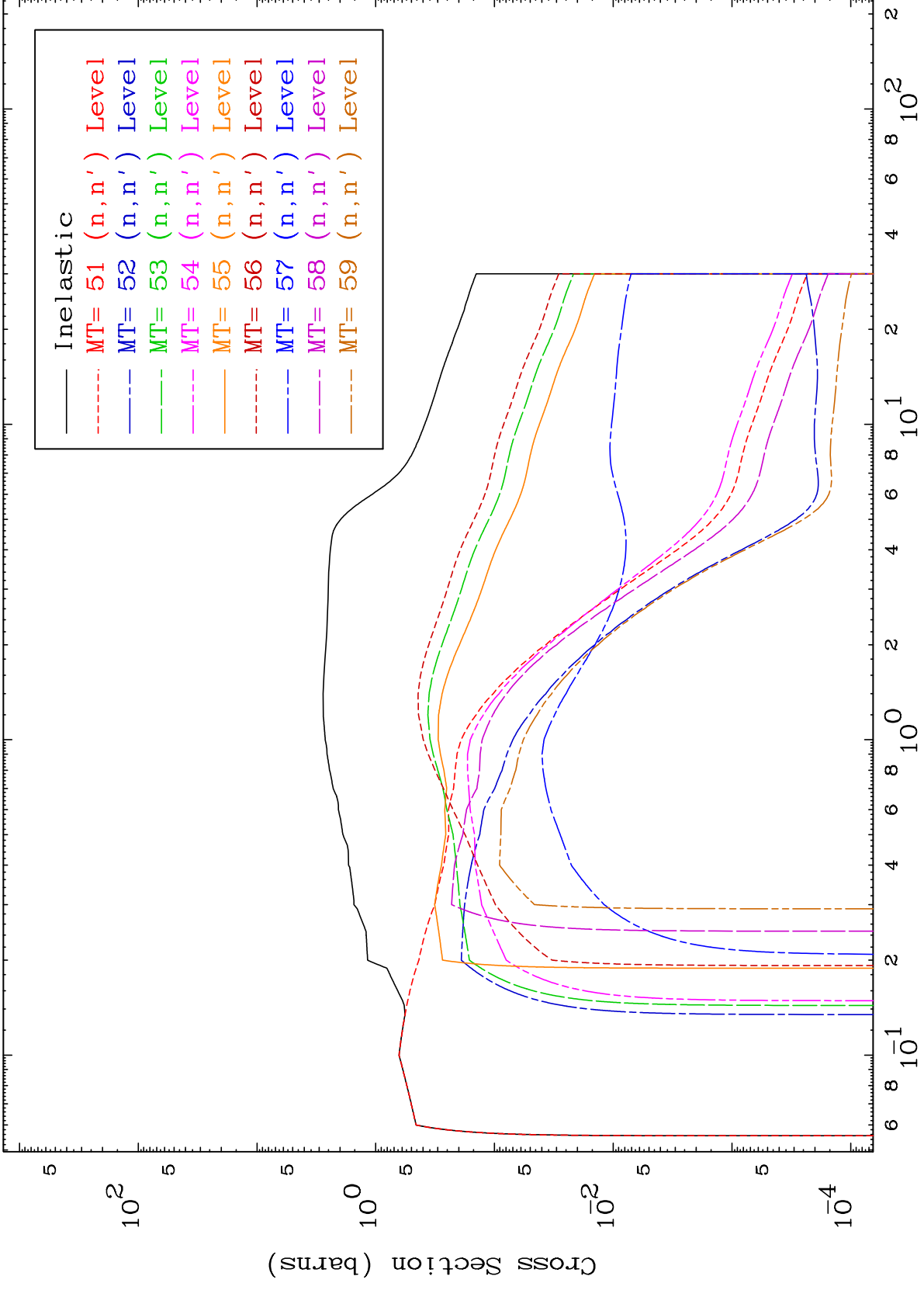
58-Ce-149



6

58-Ce-149

293 Kelvin Cross Sections

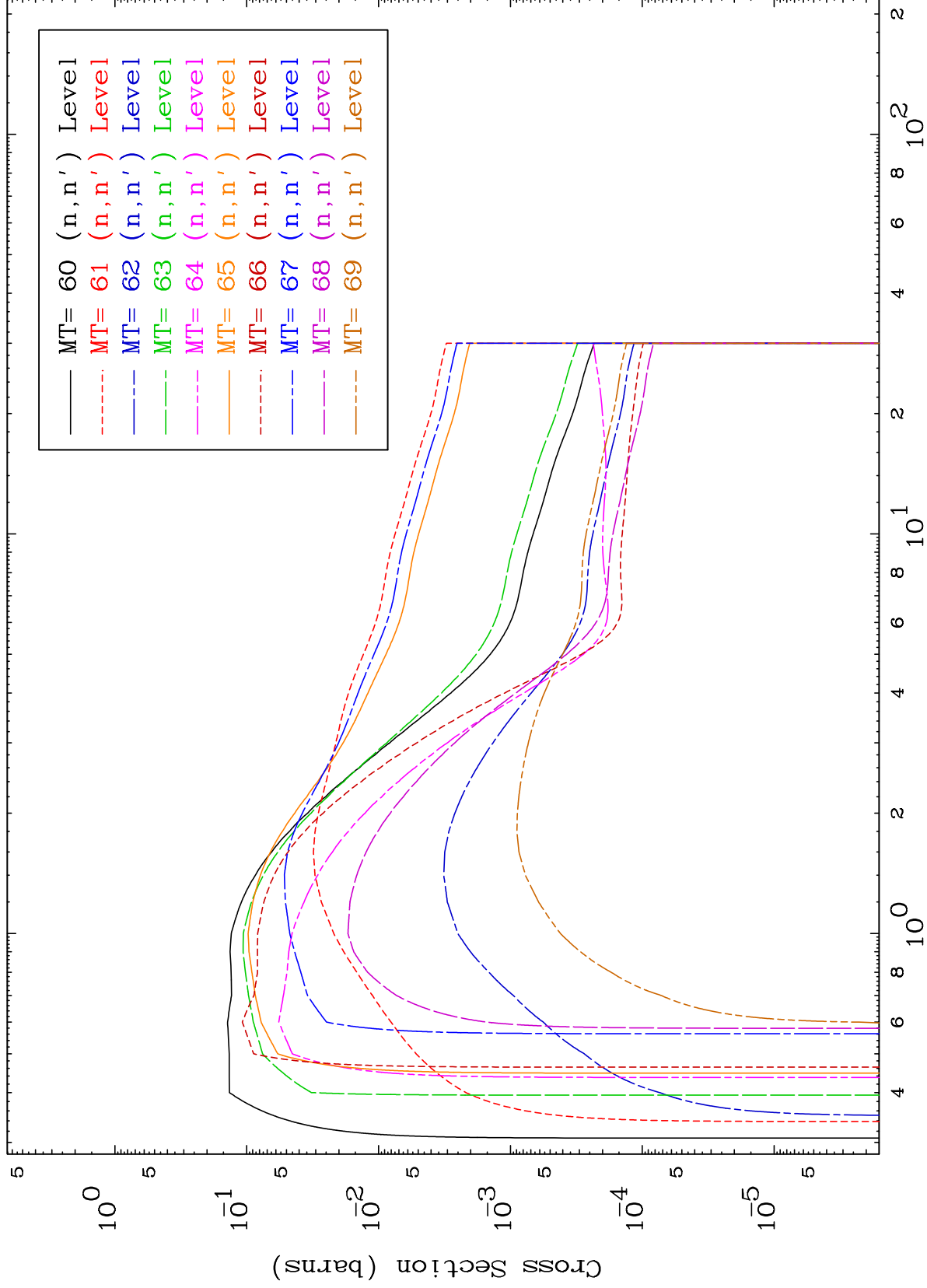


MAT 5864

(n,n') Level

58-Ce-149

293 Kelvin Cross Sections



8

Incident Energy (MeV)

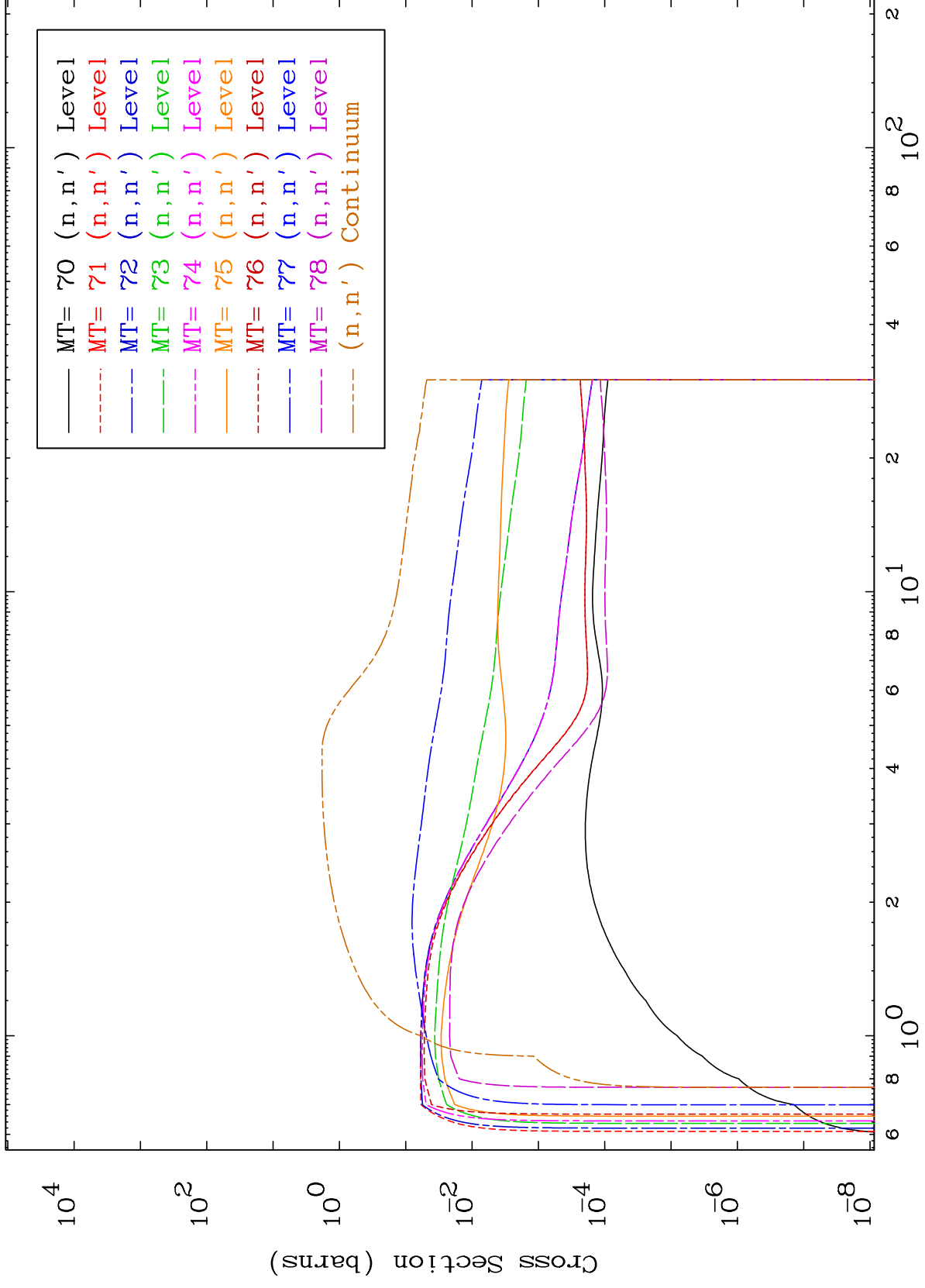
58-Ce-149

MAT 5864

(n,n') Level

58-Ce-149

293 Kelvin Cross Sections



9

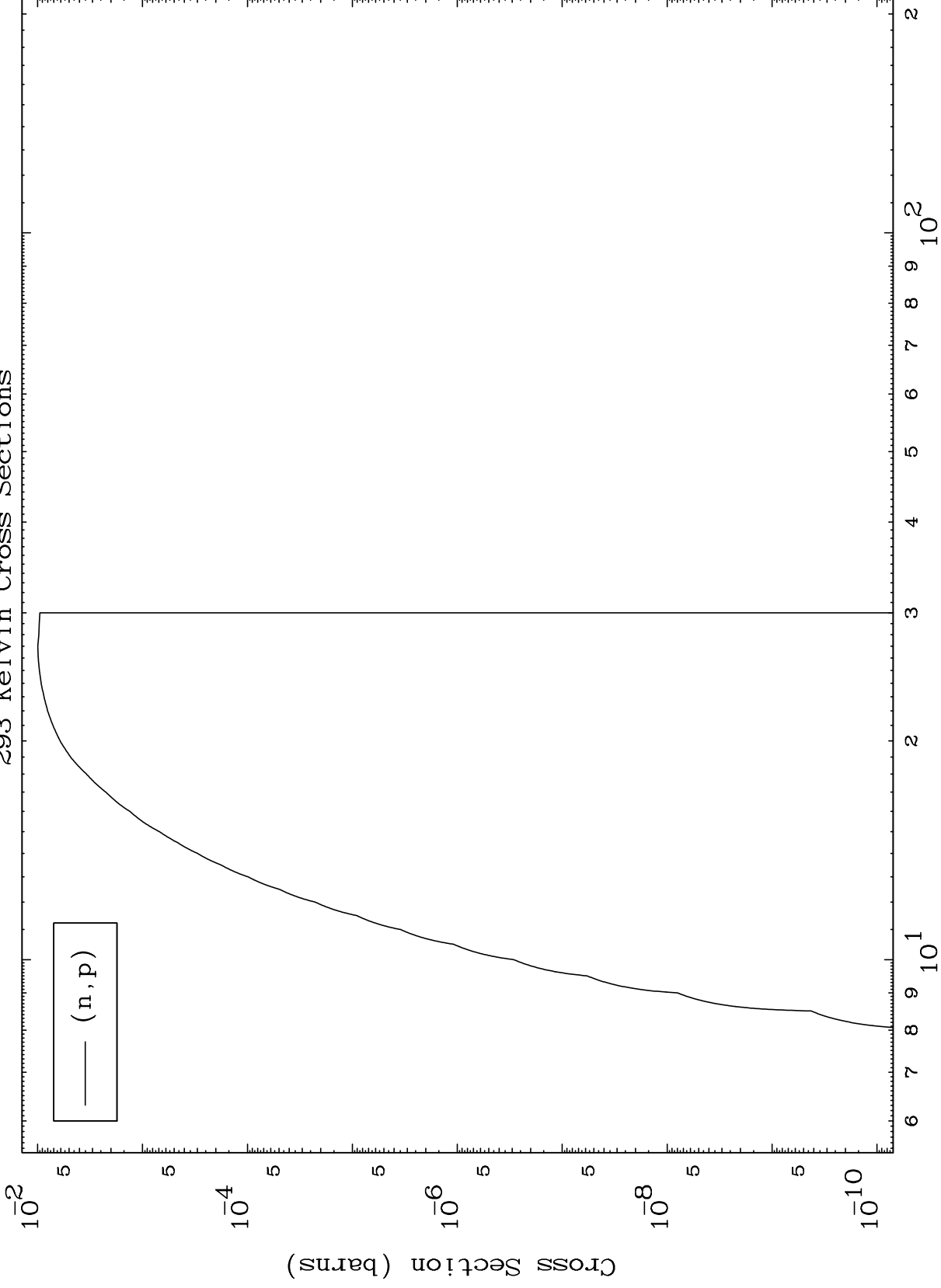
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-149



10

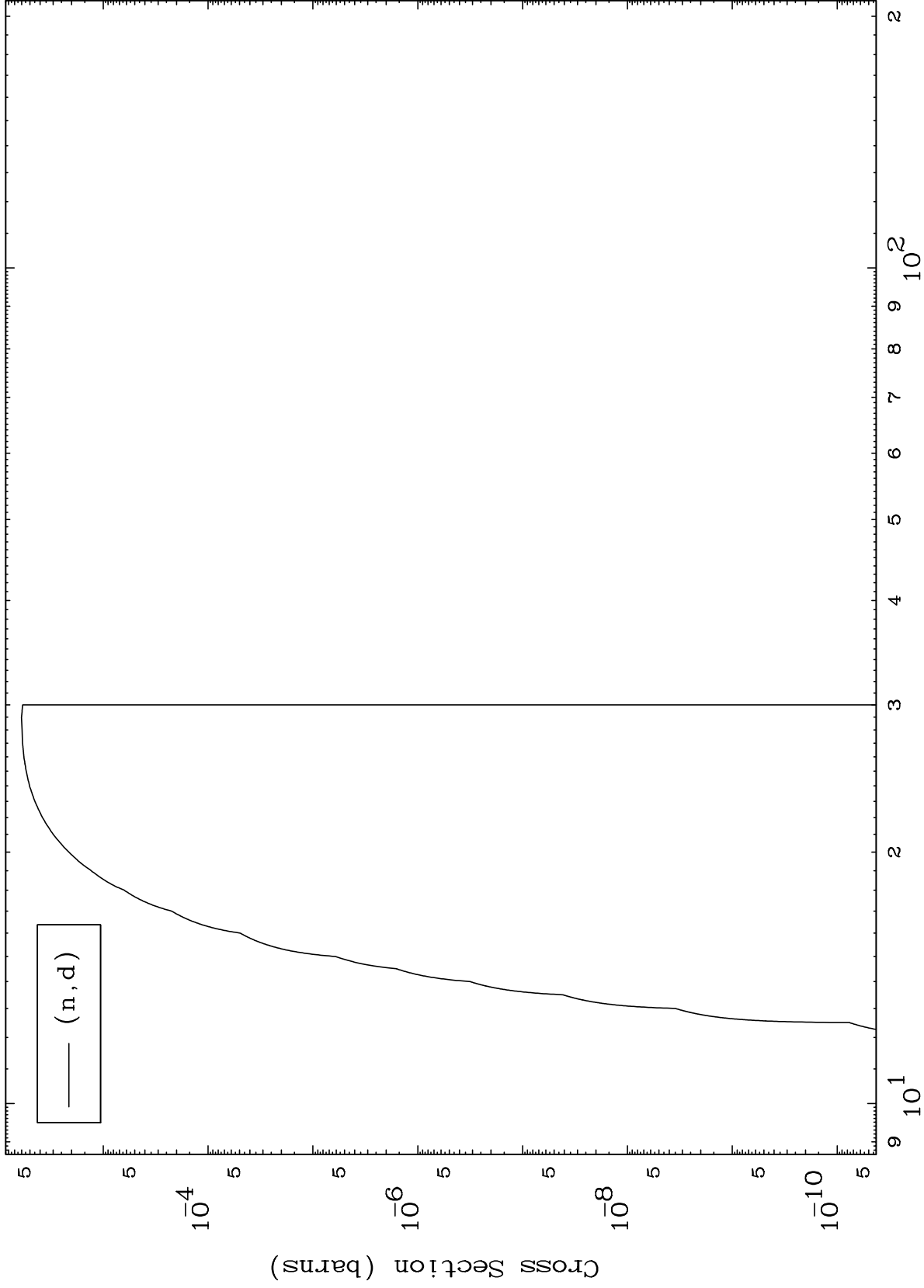
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-149



11

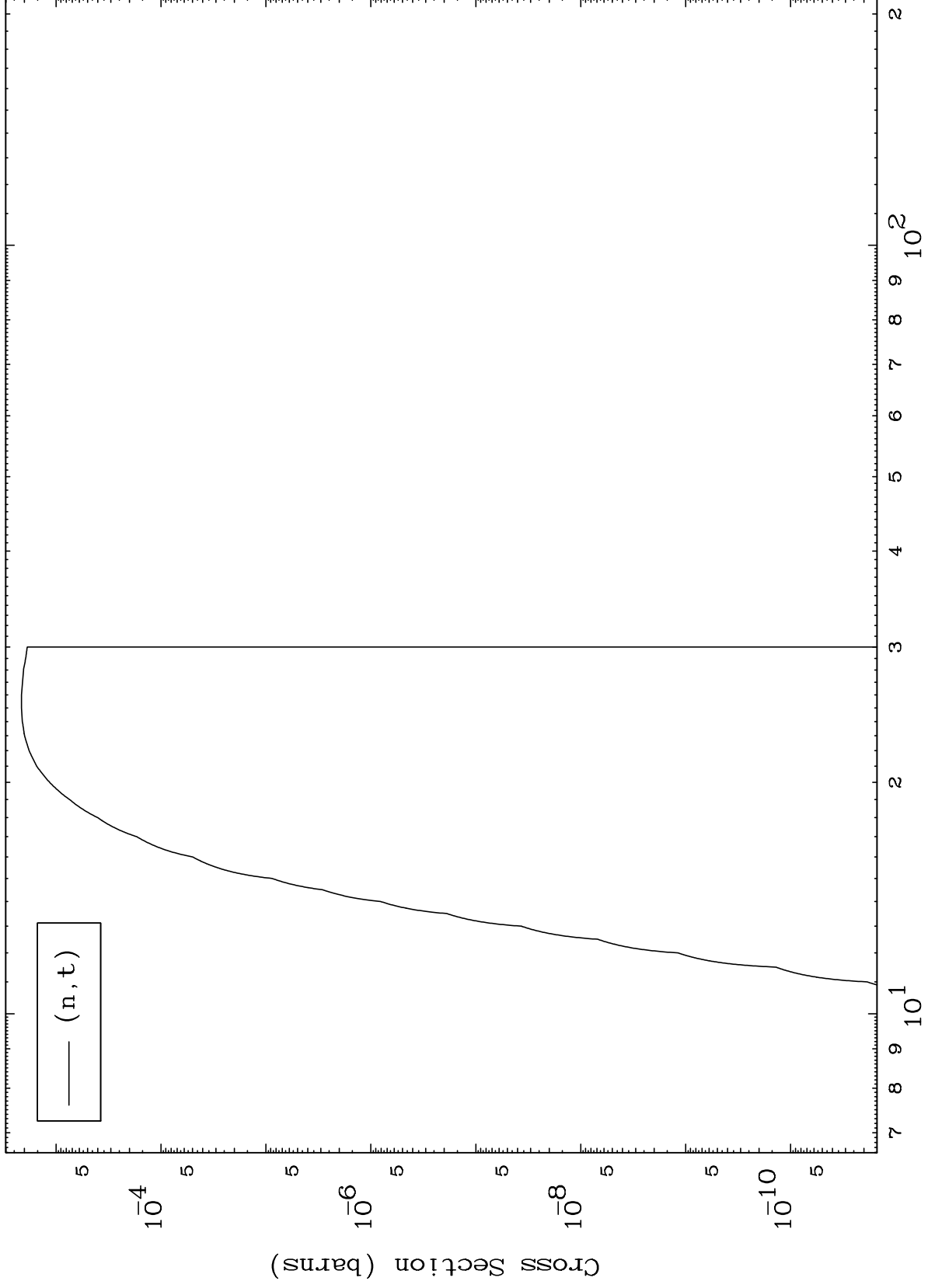
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-149



12

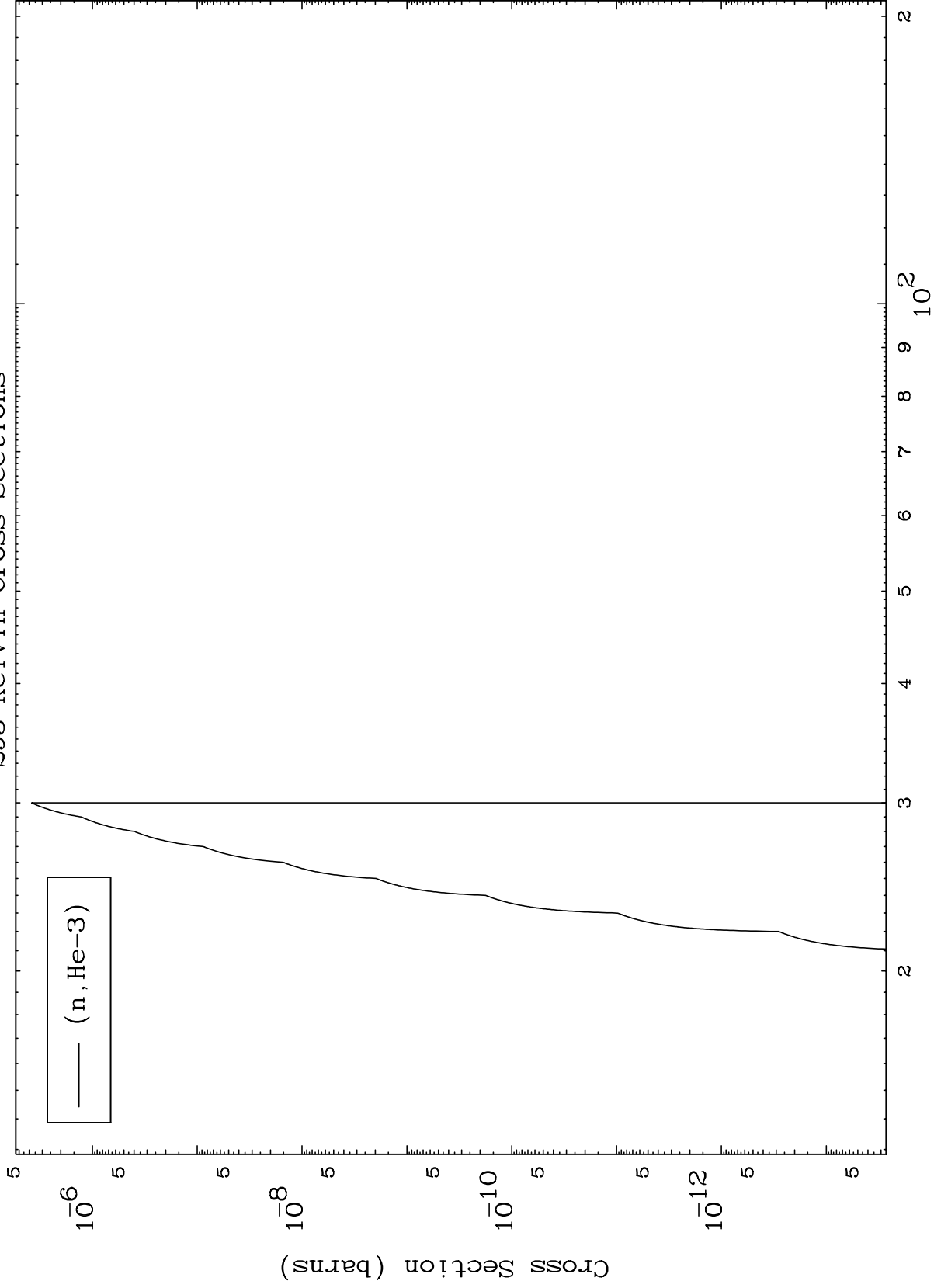
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-149



13

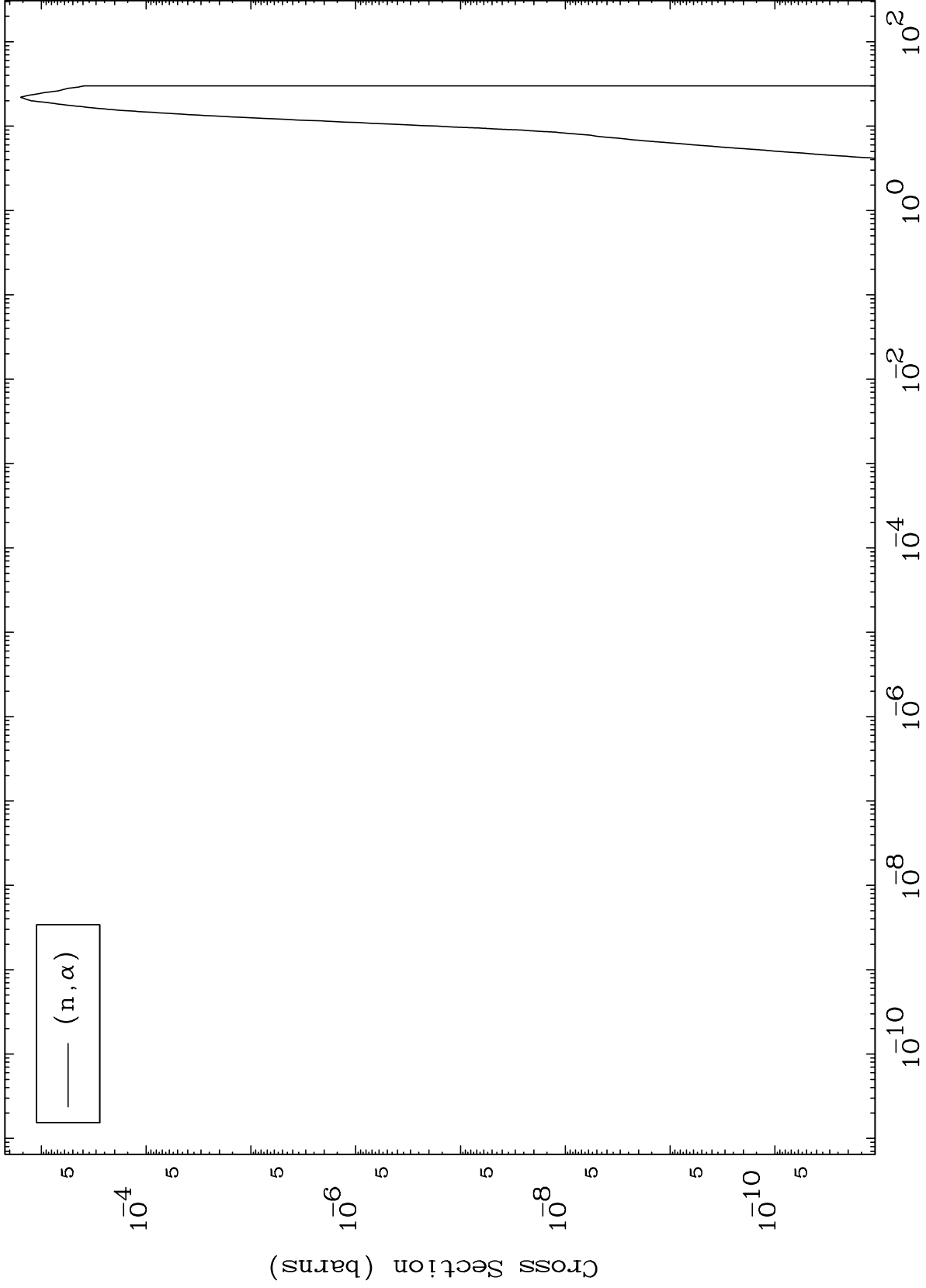
Incident Energy (MeV)

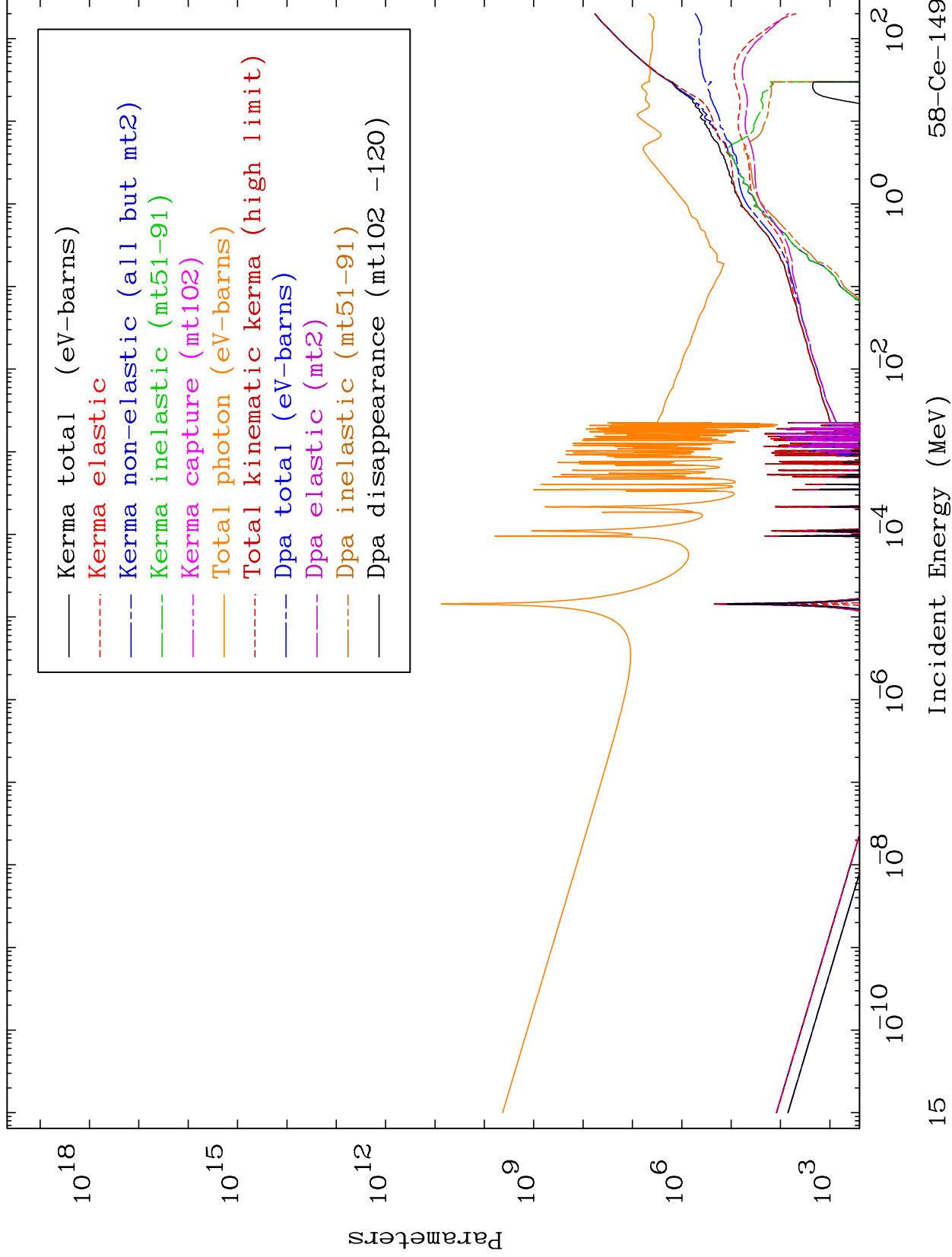
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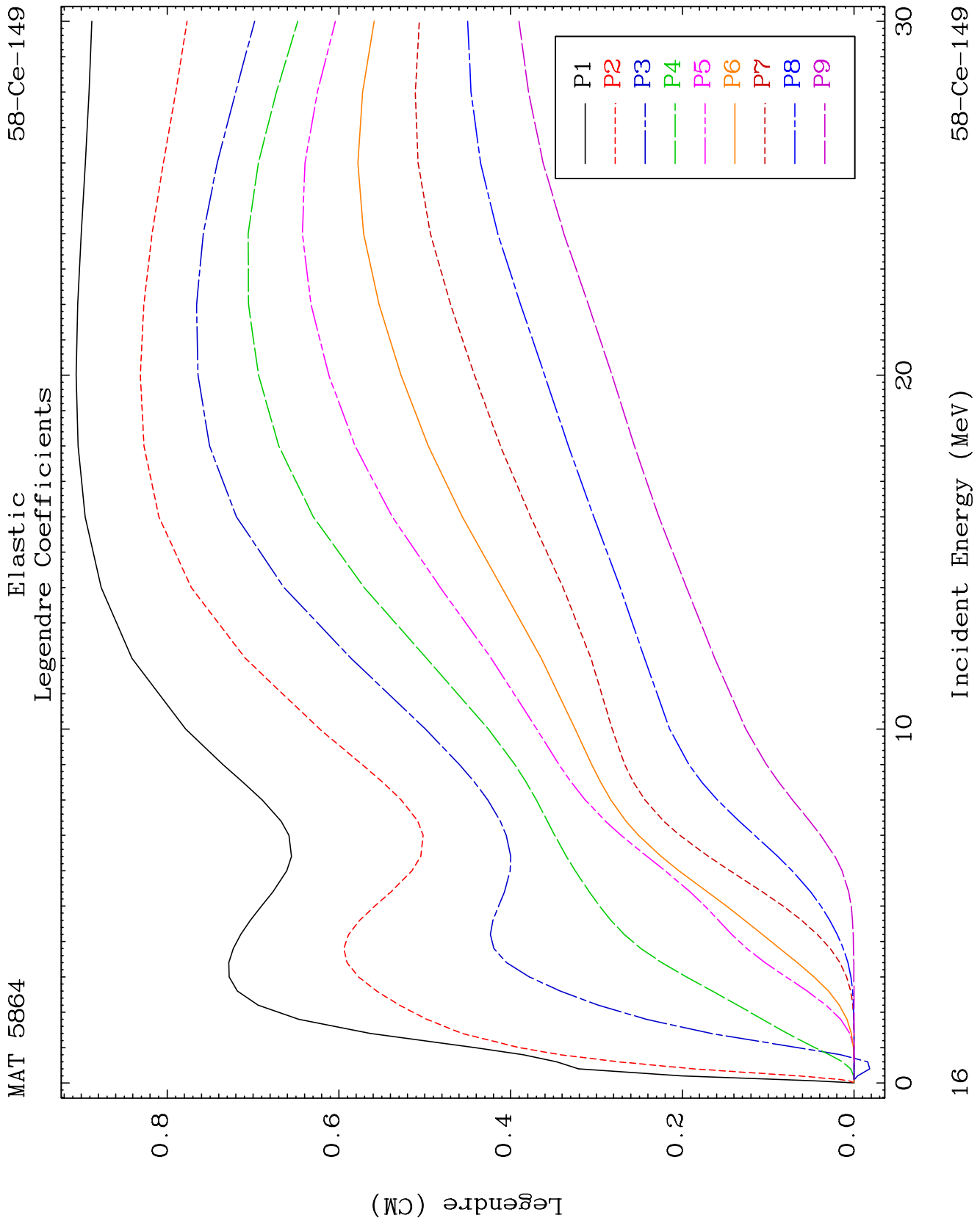
MAT 5864

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-149



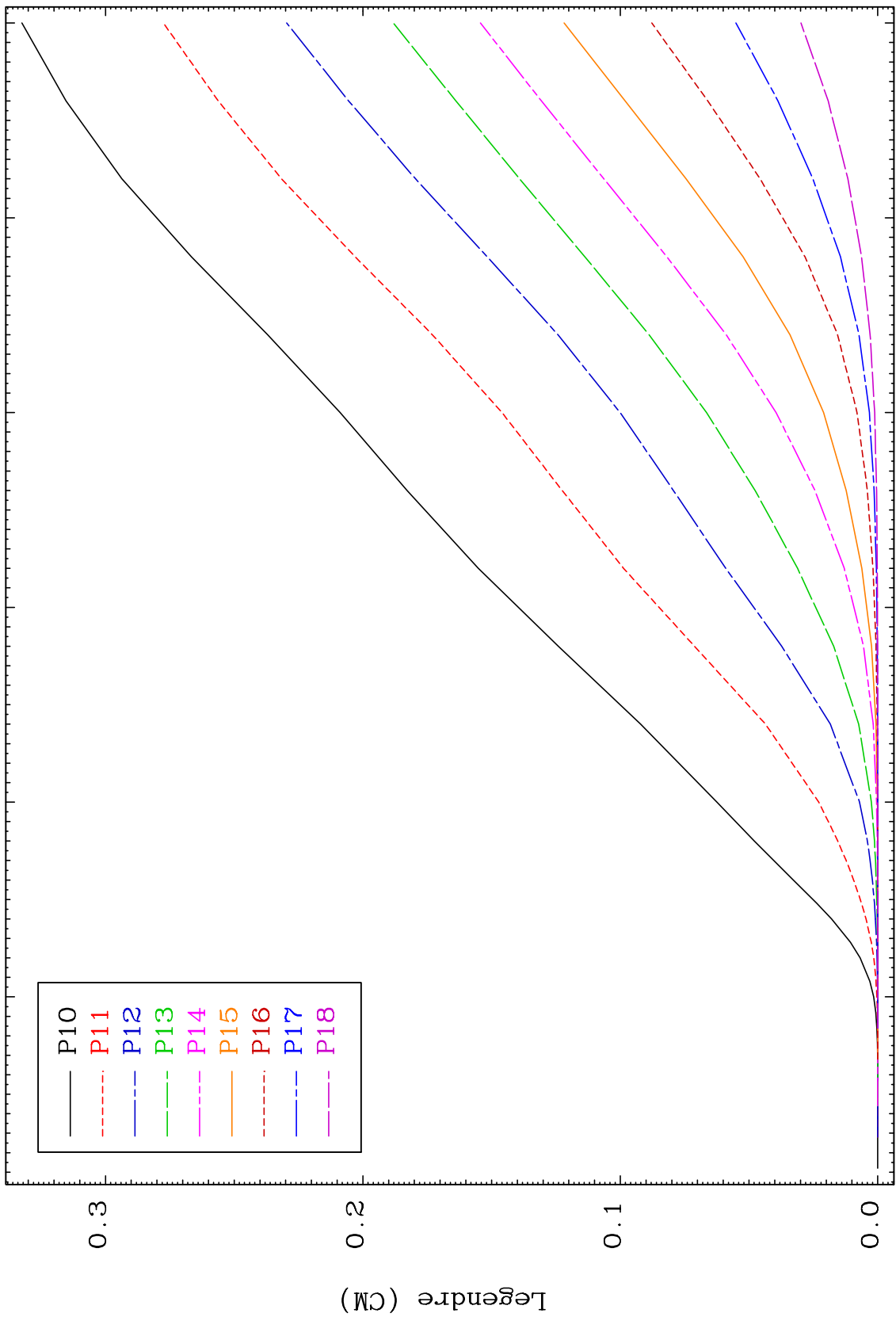




MAT 5864

Elastic Legendre Coefficients

58-Ce-149



17

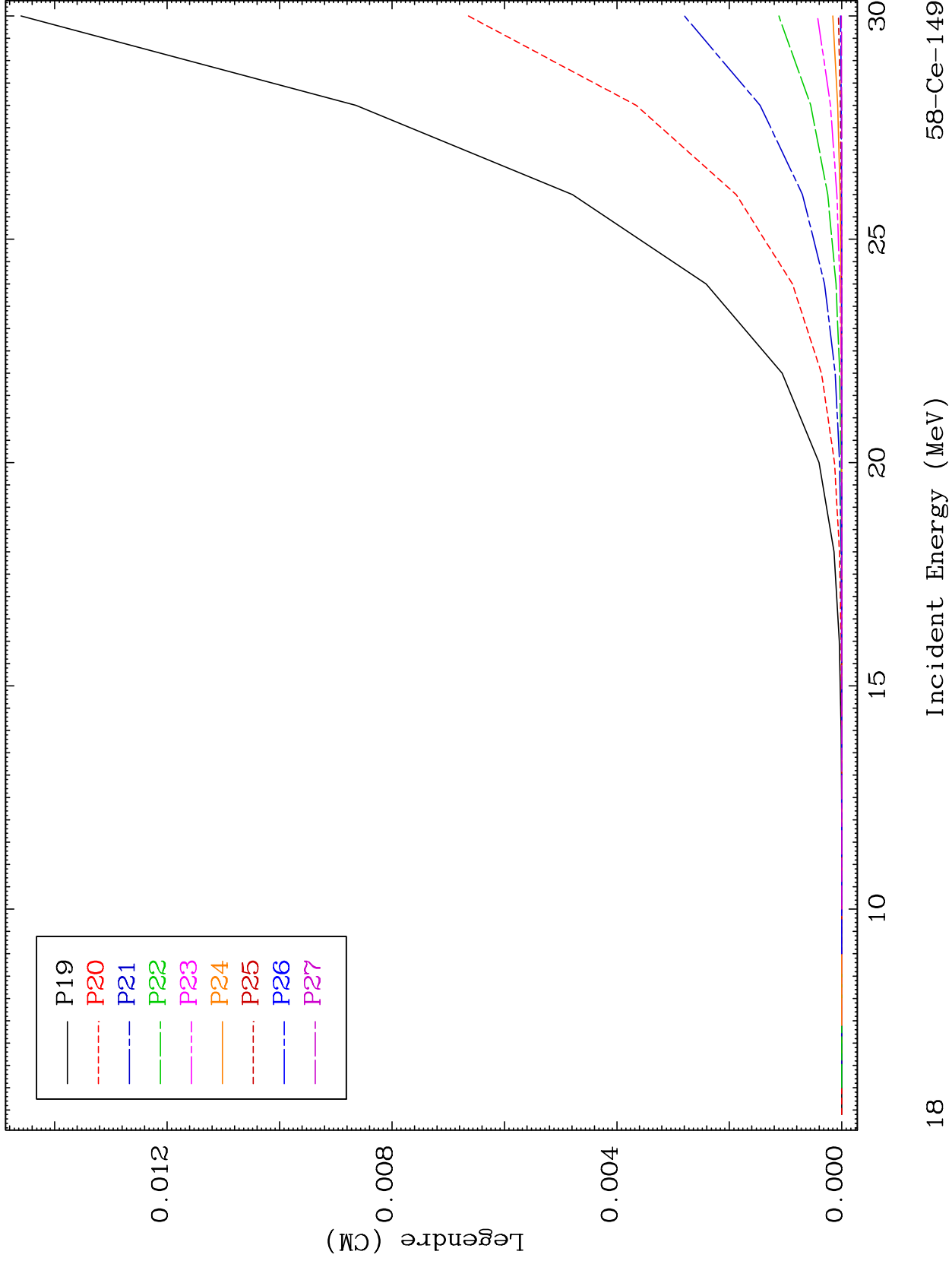
Incident Energy (MeV)

58-Ce-149

MAT 5864

Elastic Legendre Coefficients

58-Ce-149



18

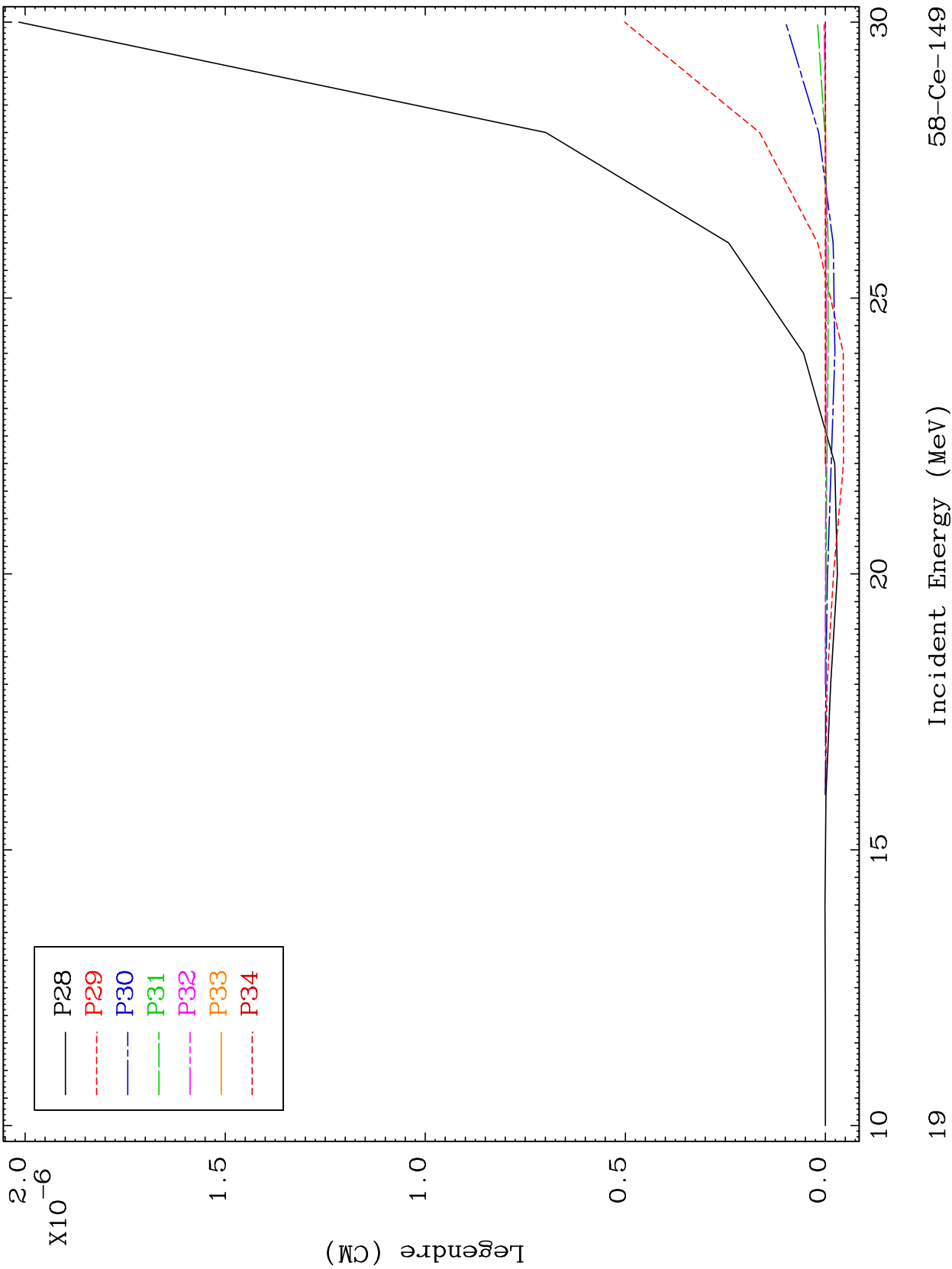
Incident Energy (MeV)

58-Ce-149

MAT 5864

Elastic Legendre Coefficients

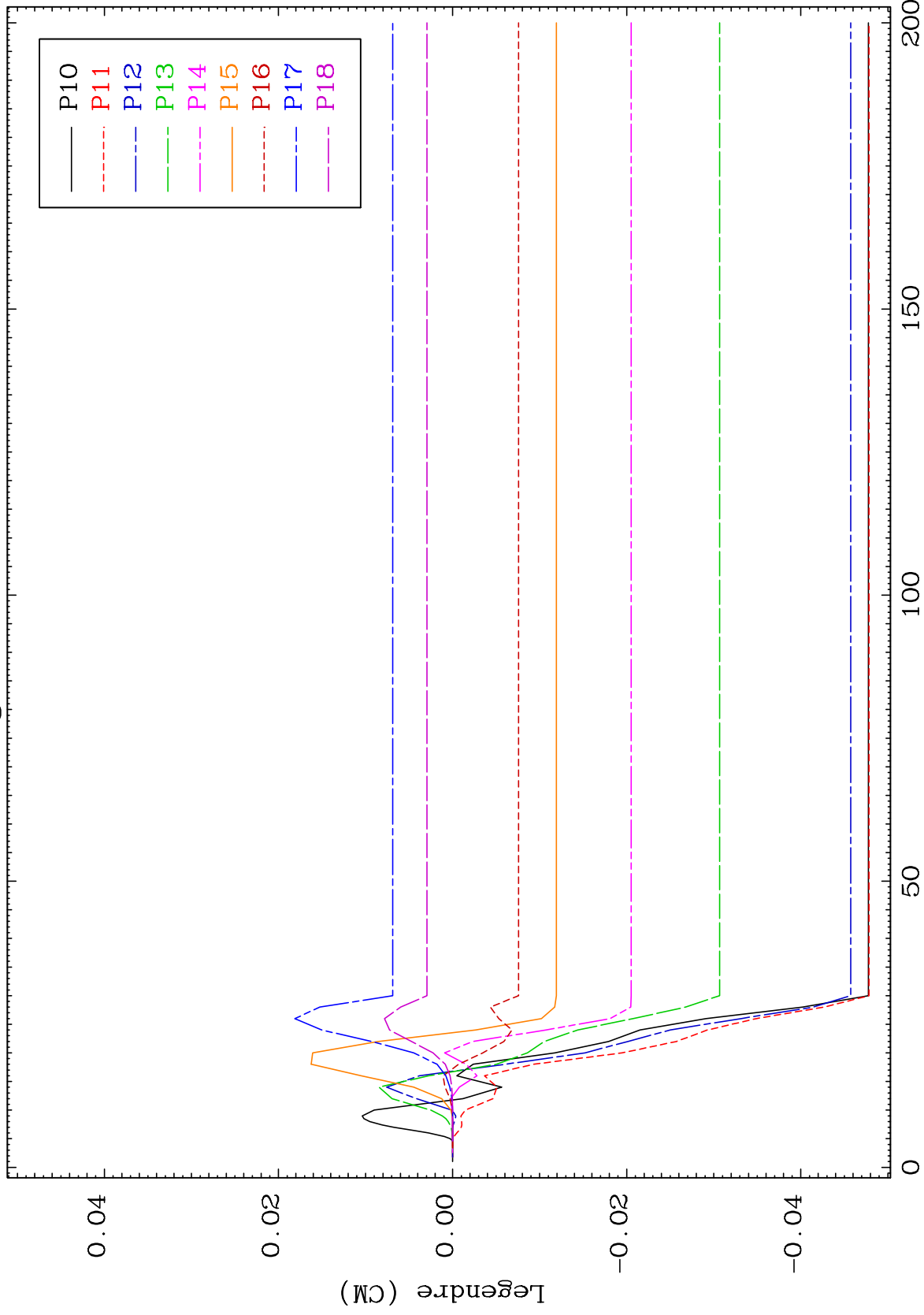
58-Ce-149



MAT 5864

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

58-Ce-149



21

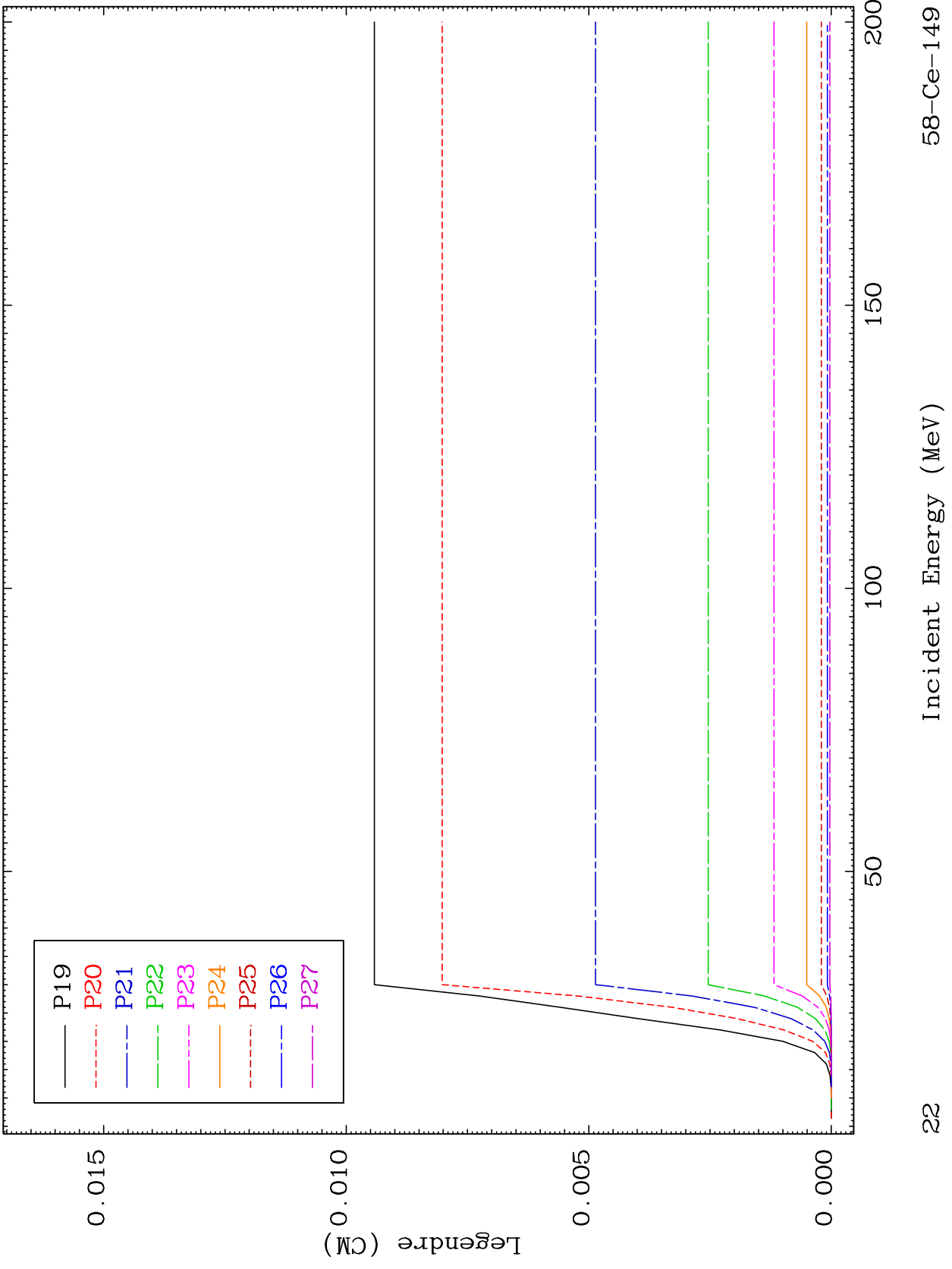
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

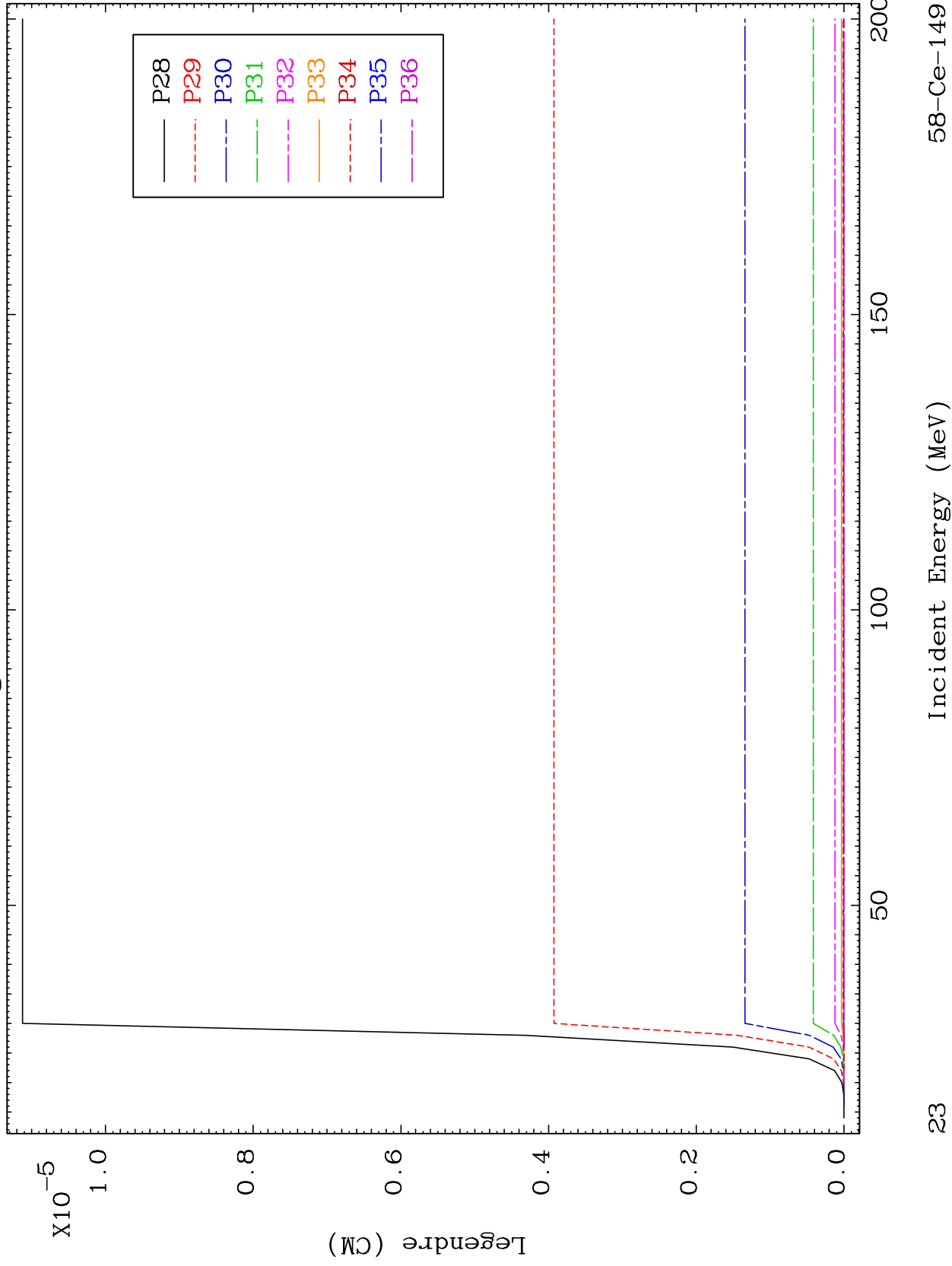
58-Ce-149



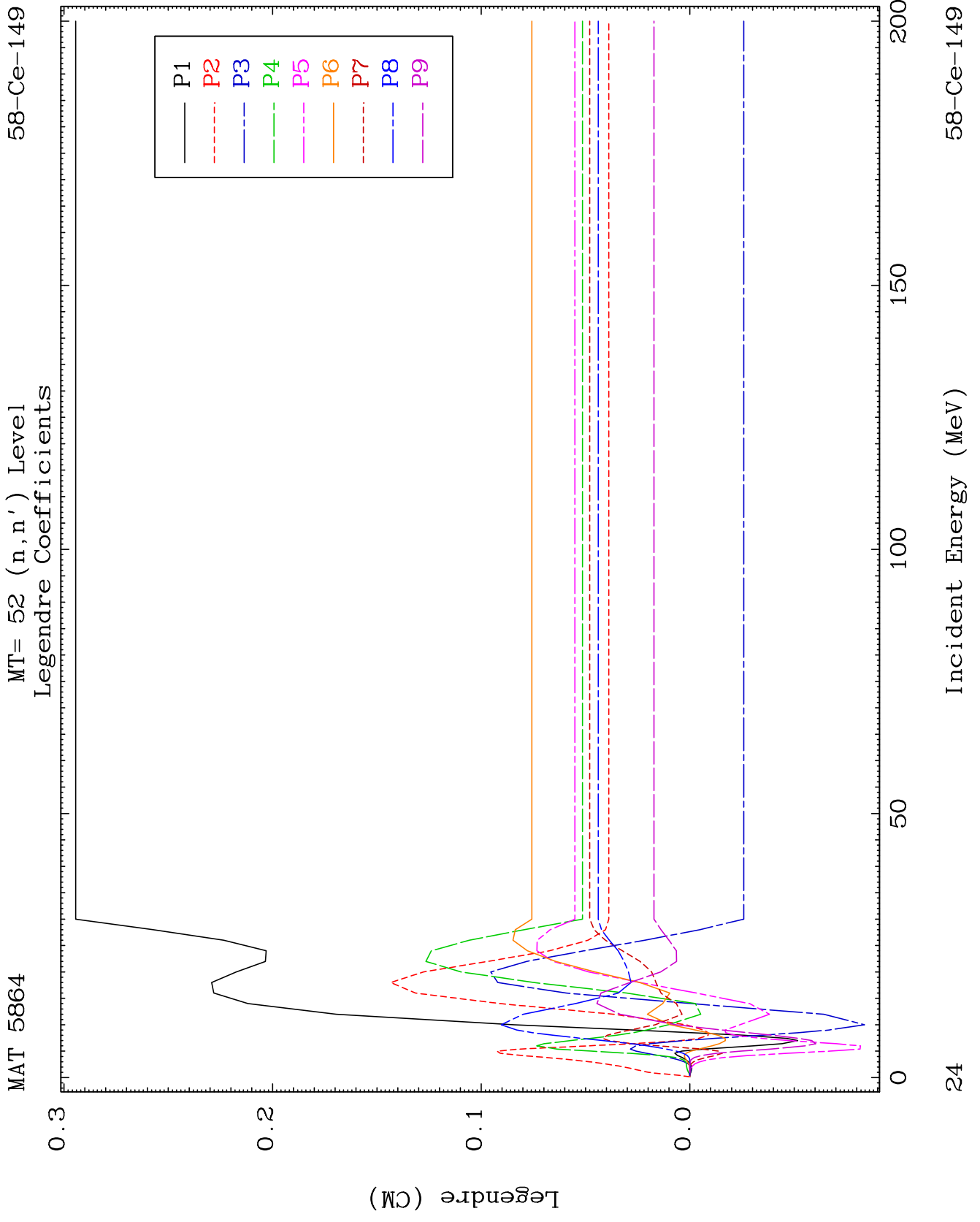
MAT 5864

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

58-Ce-149



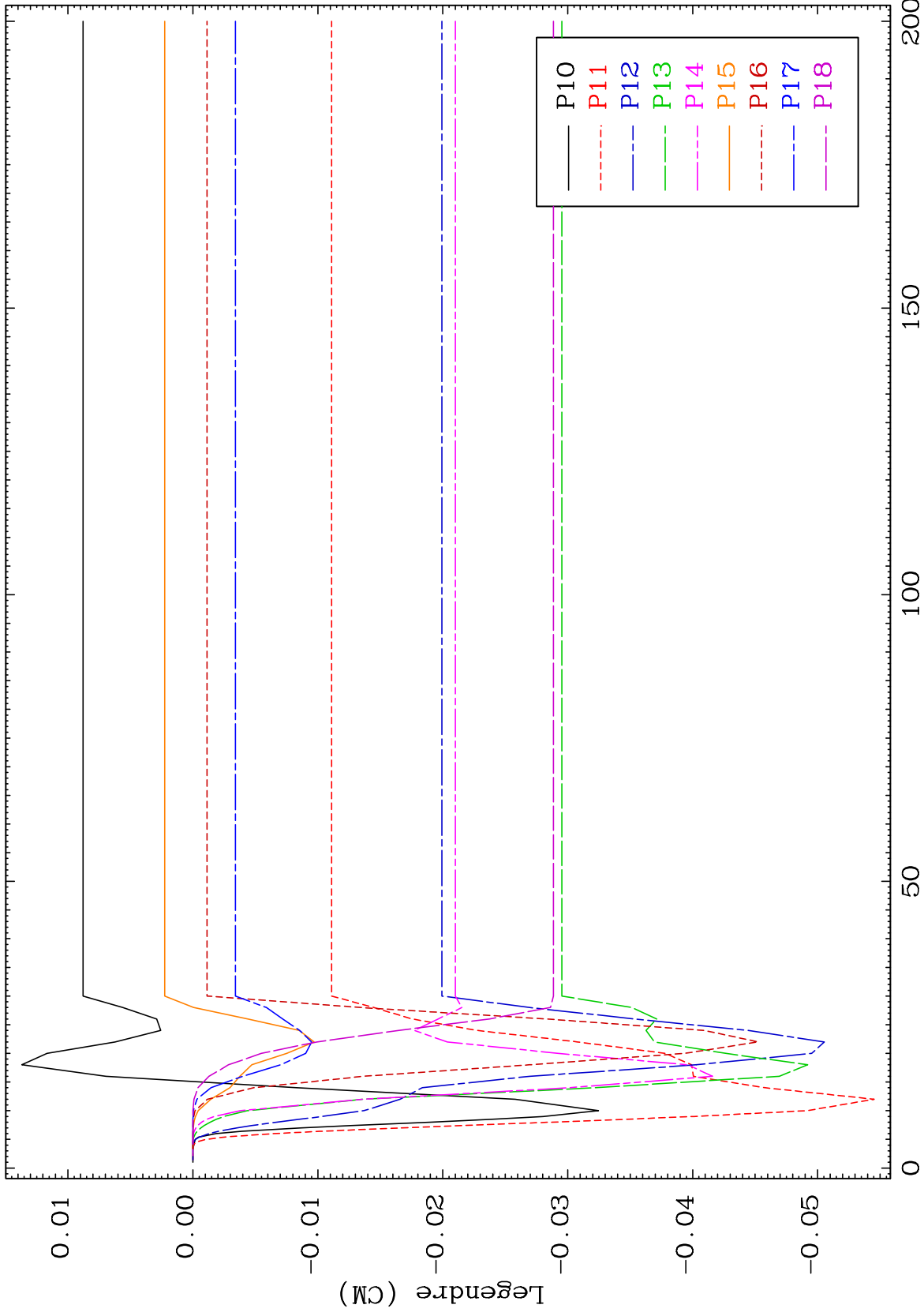
23



MAT 5864

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

58-Ce-149



25

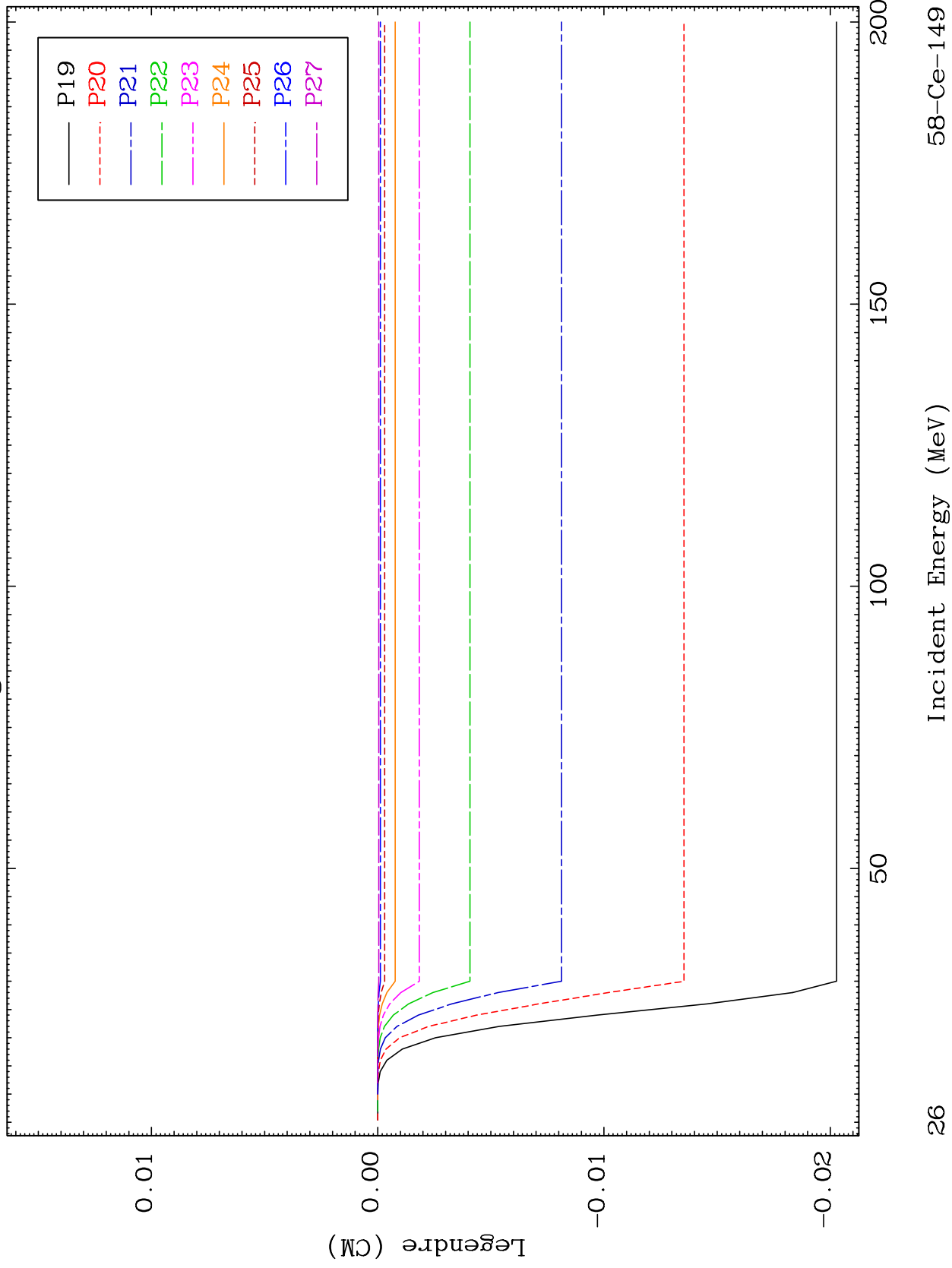
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

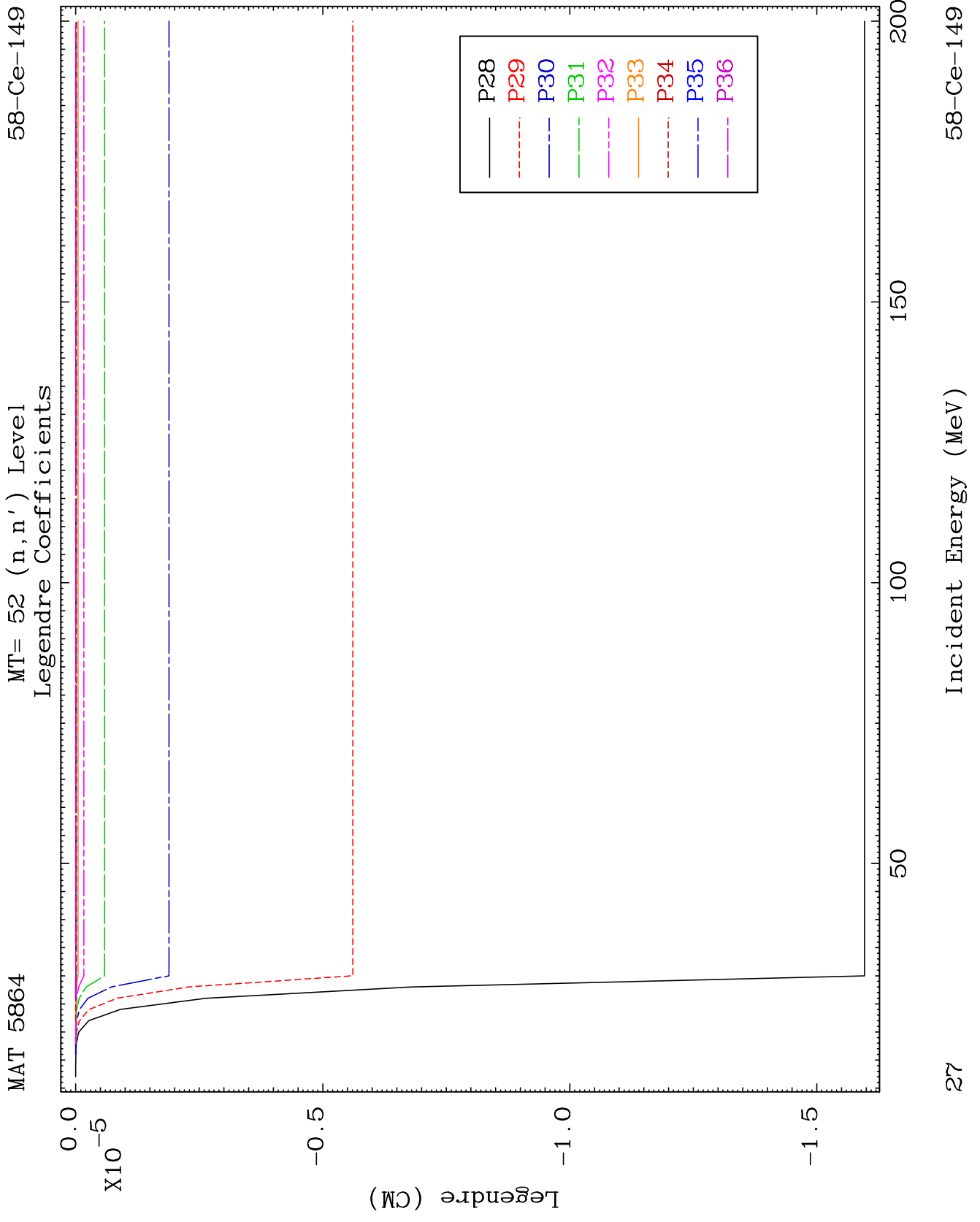
58-Ce-149



26

Incident Energy (MeV)

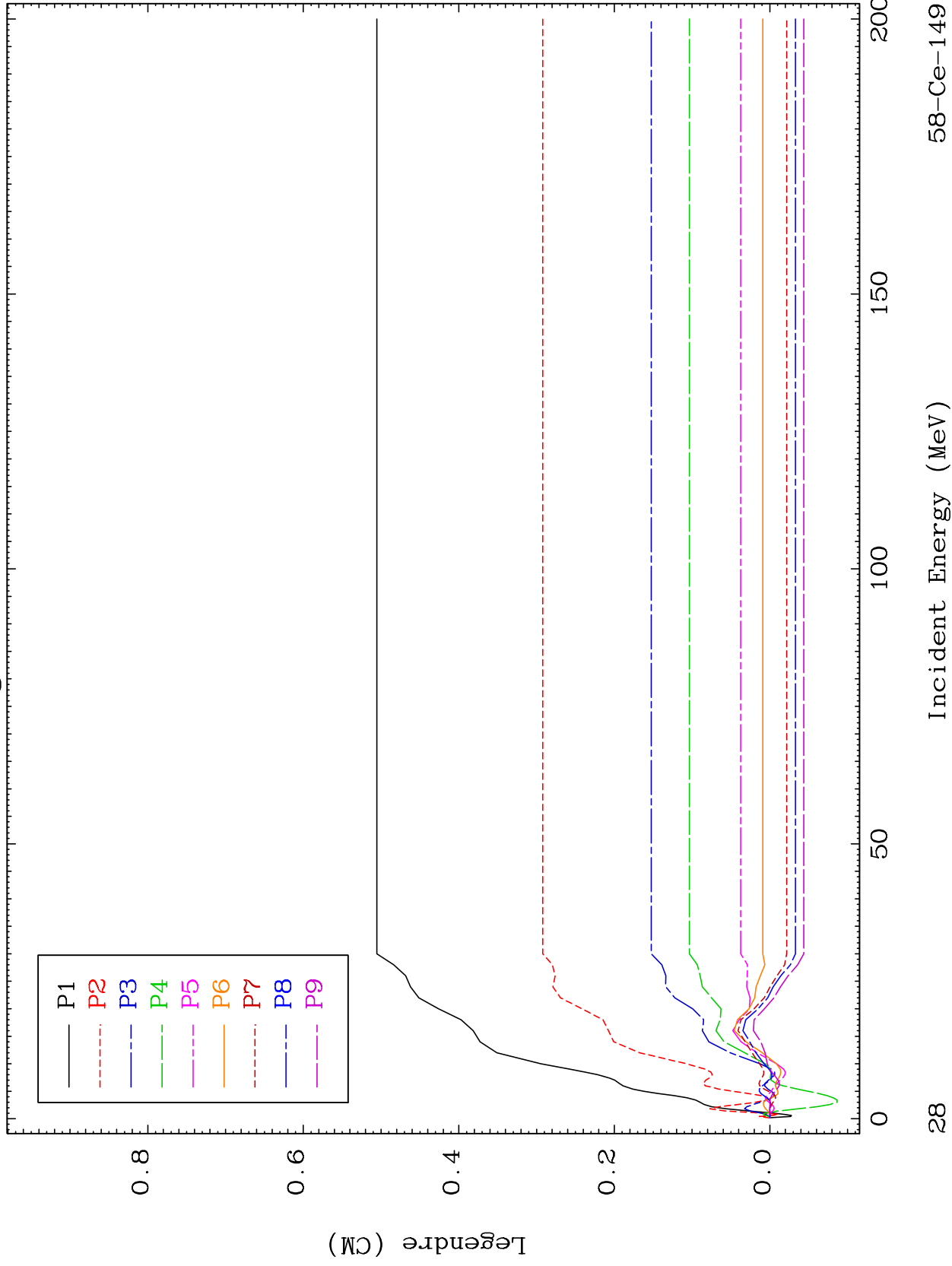
58-Ce-149



MAT 5864

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

58-Ce-149



58-Ce-149

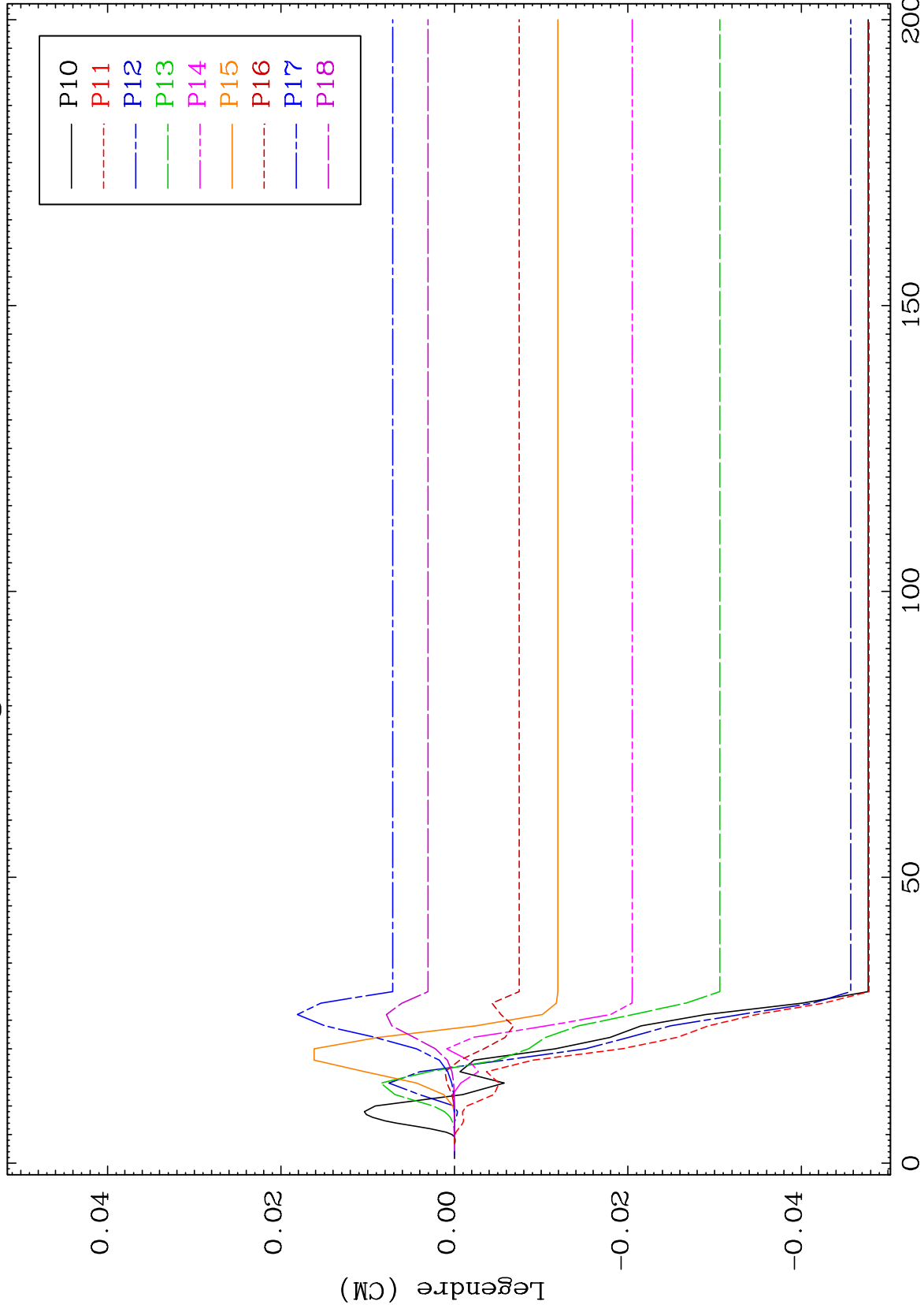
Incident Energy (MeV)

28

MAT 5864

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

58-Ce-149



29

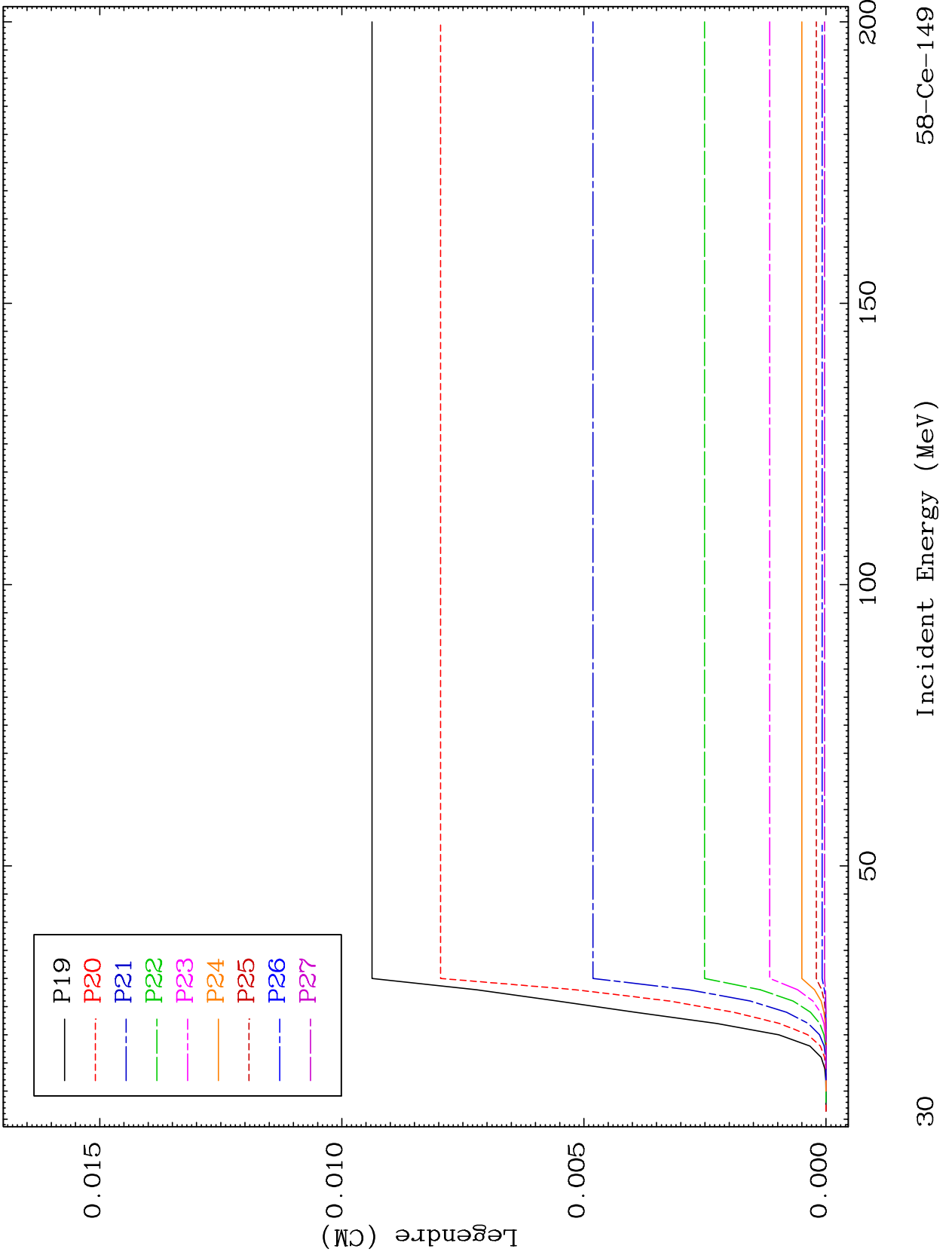
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

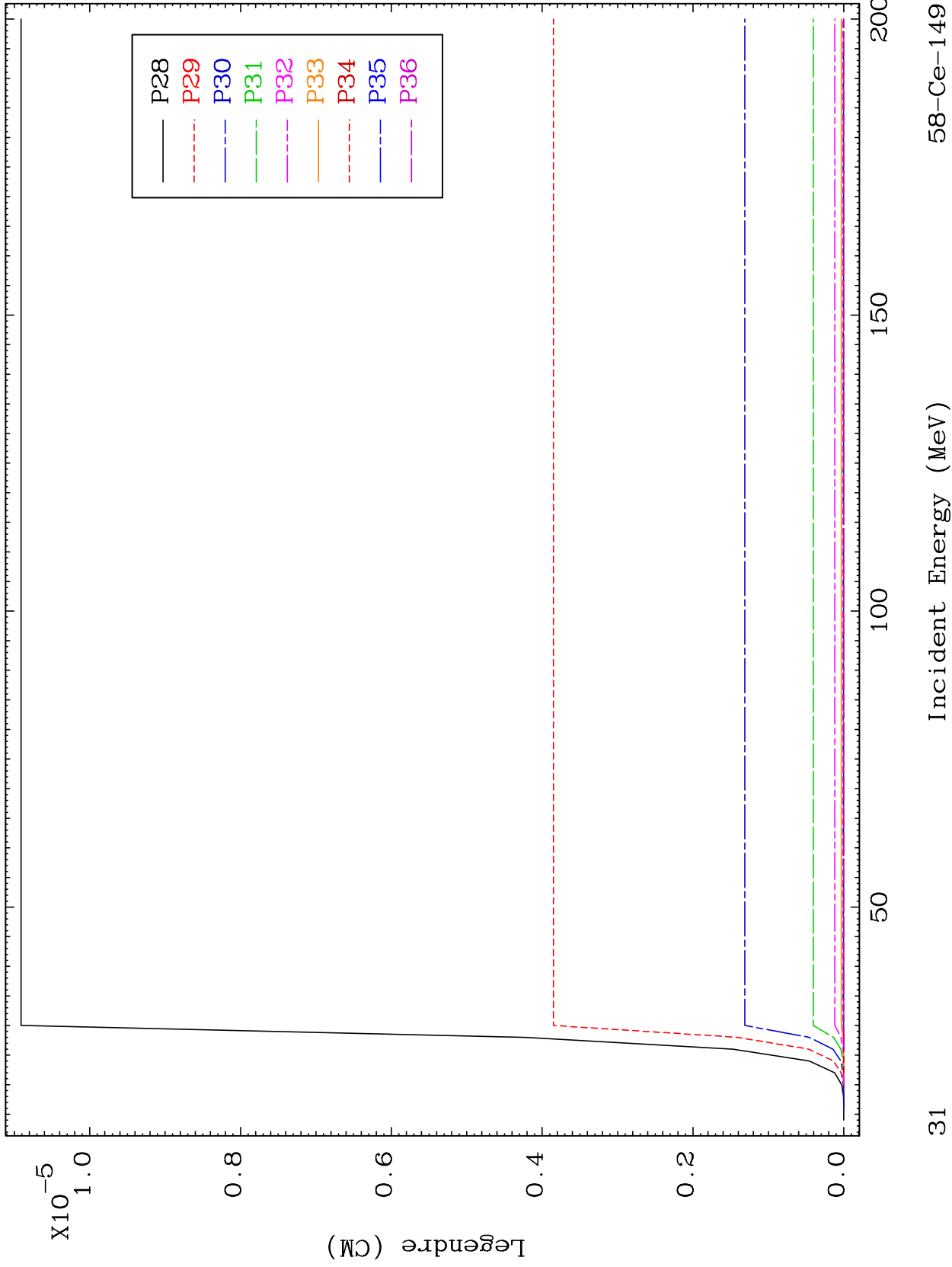
Incident Energy (MeV)

30

MAT 5864

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

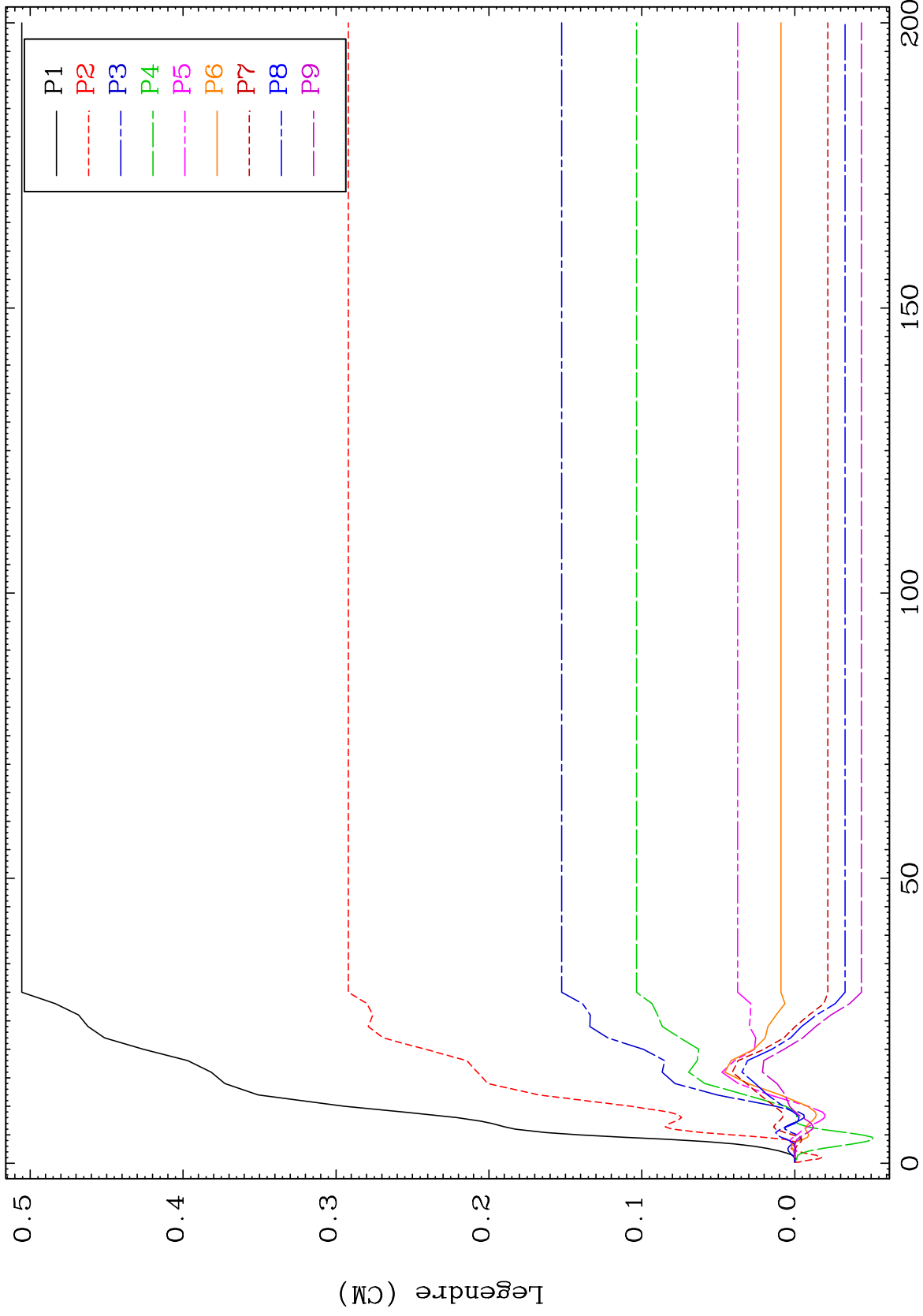
58-Ce-149



MAT 5864

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

58-Ce-149



32

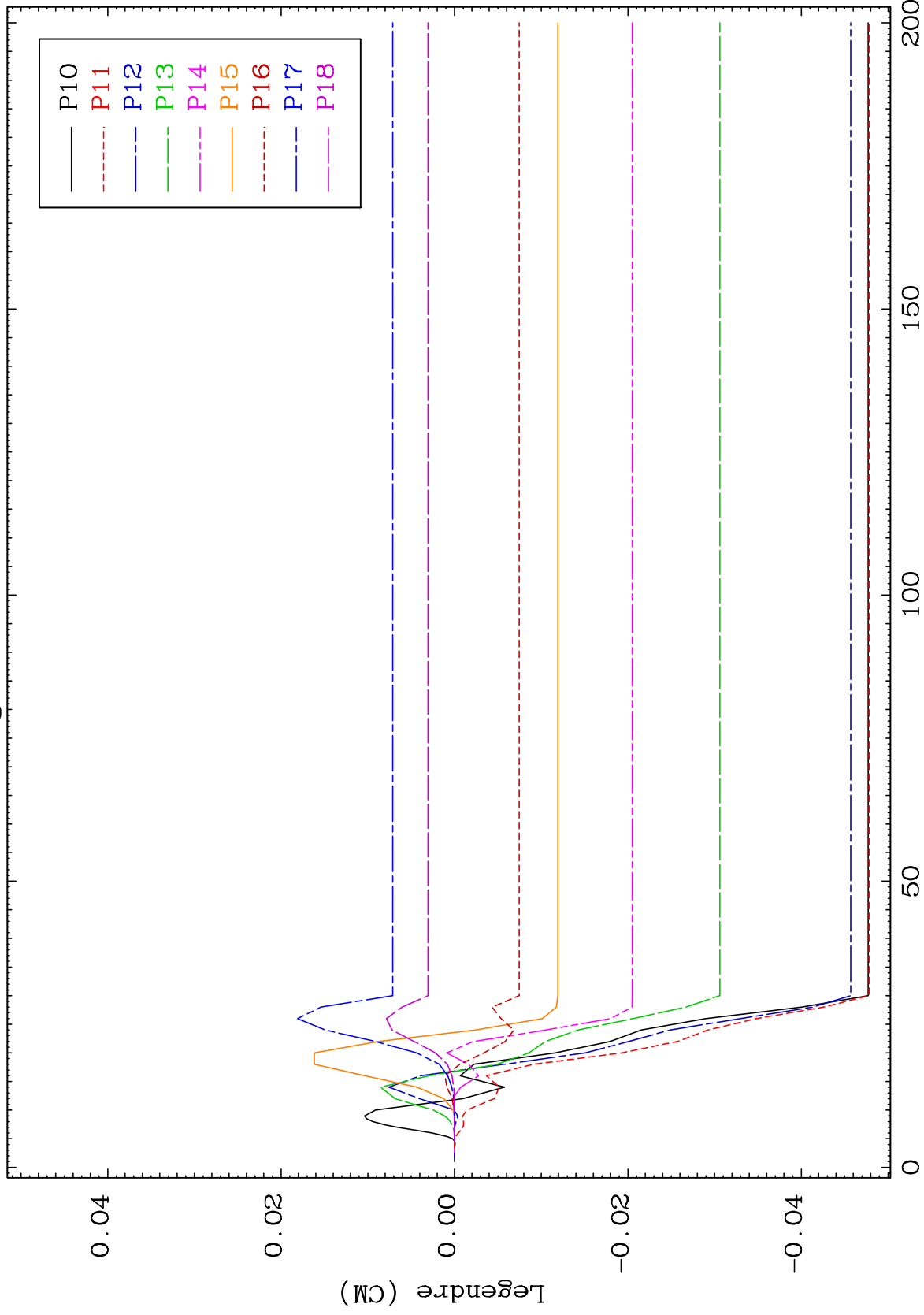
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



33

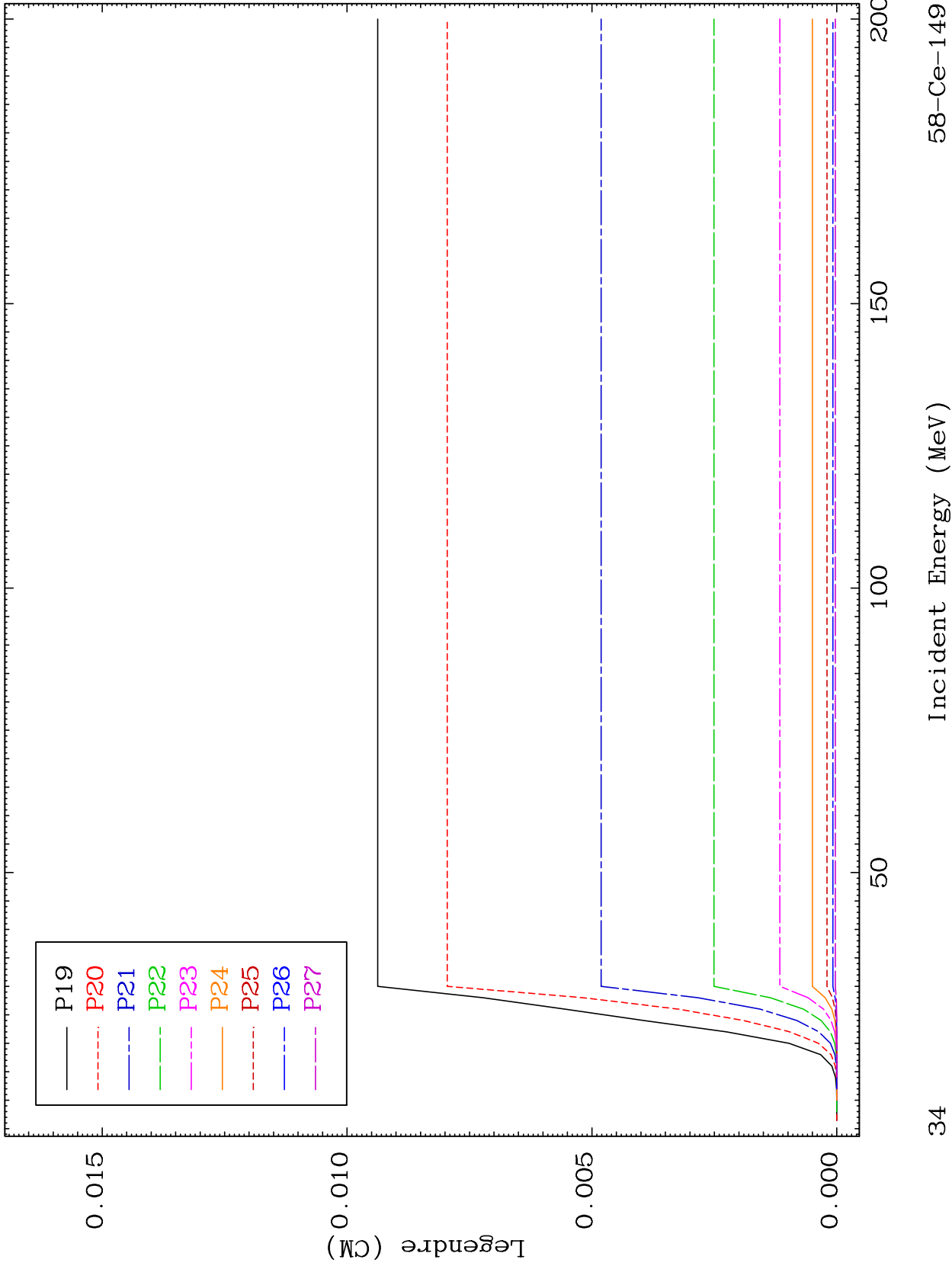
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



34

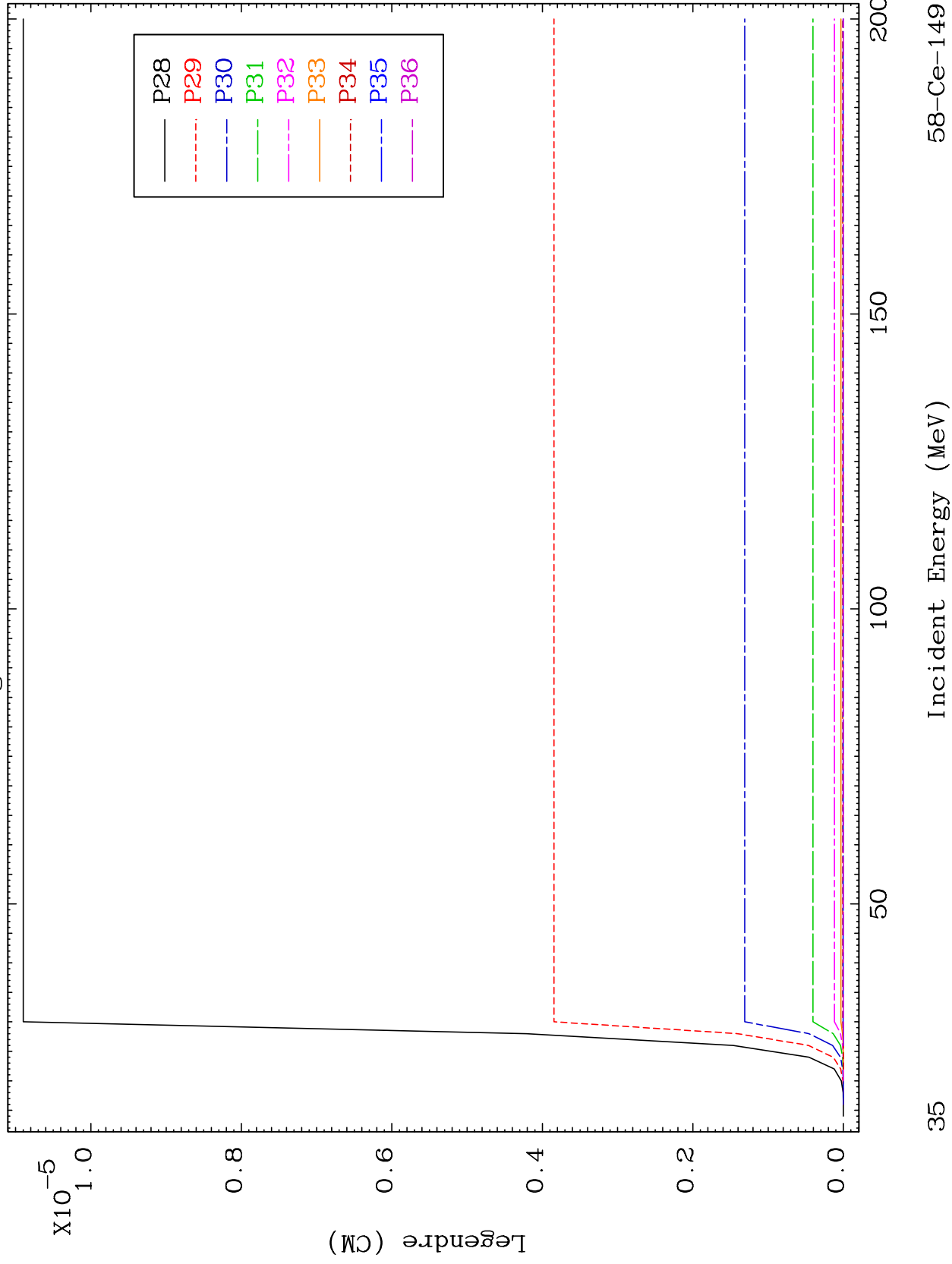
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



35

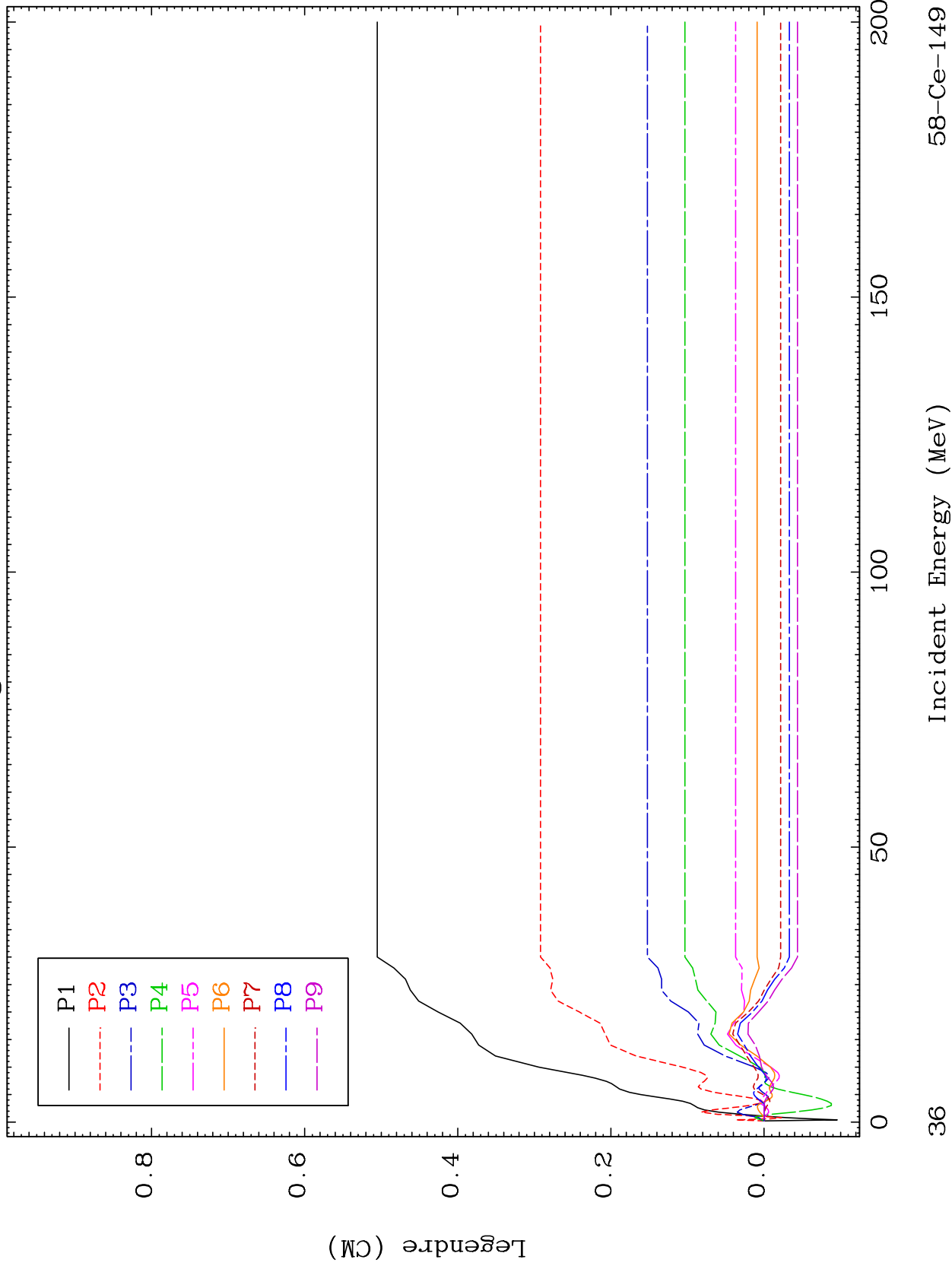
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

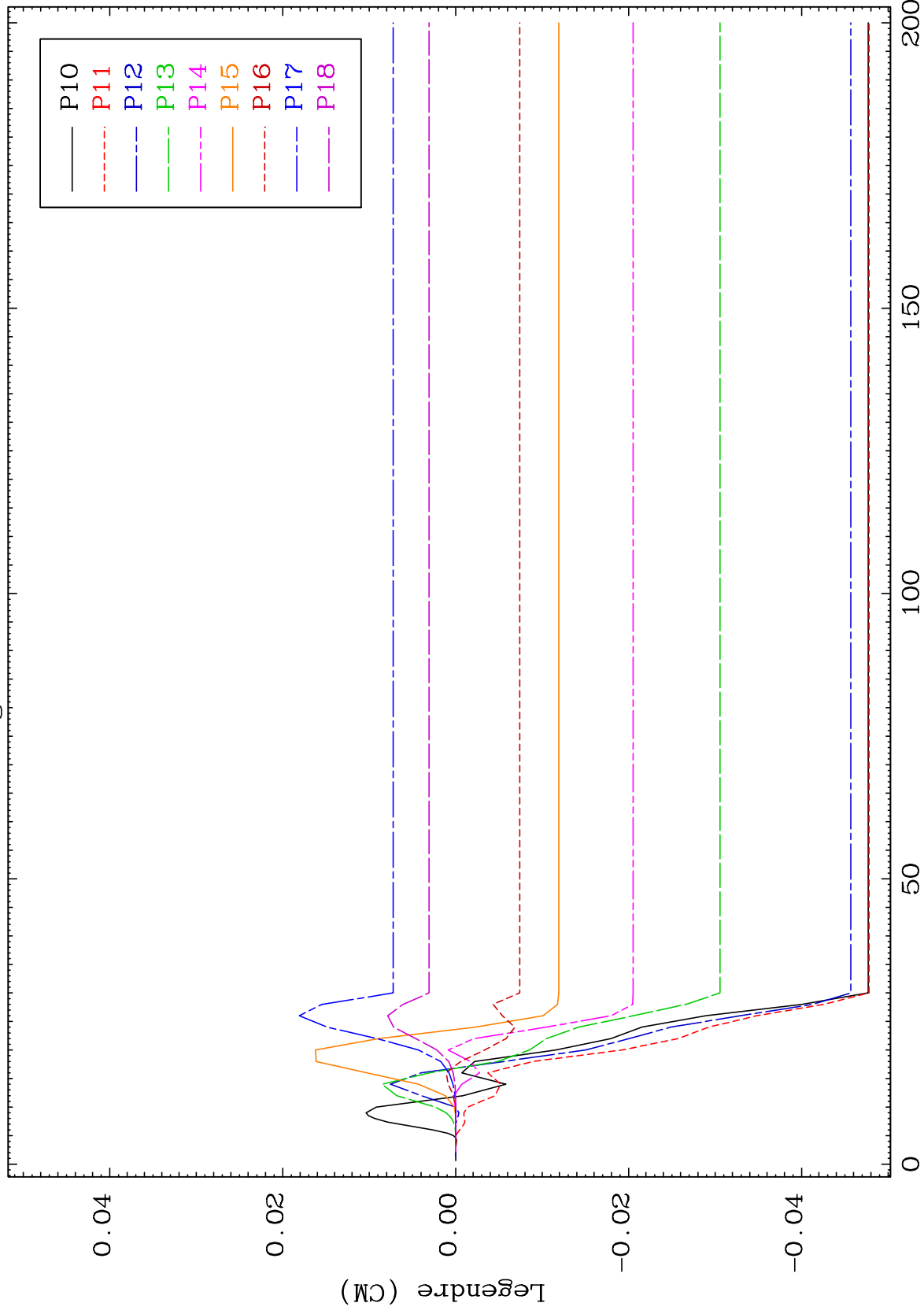
Incident Energy (MeV)

36

MAT 5864

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

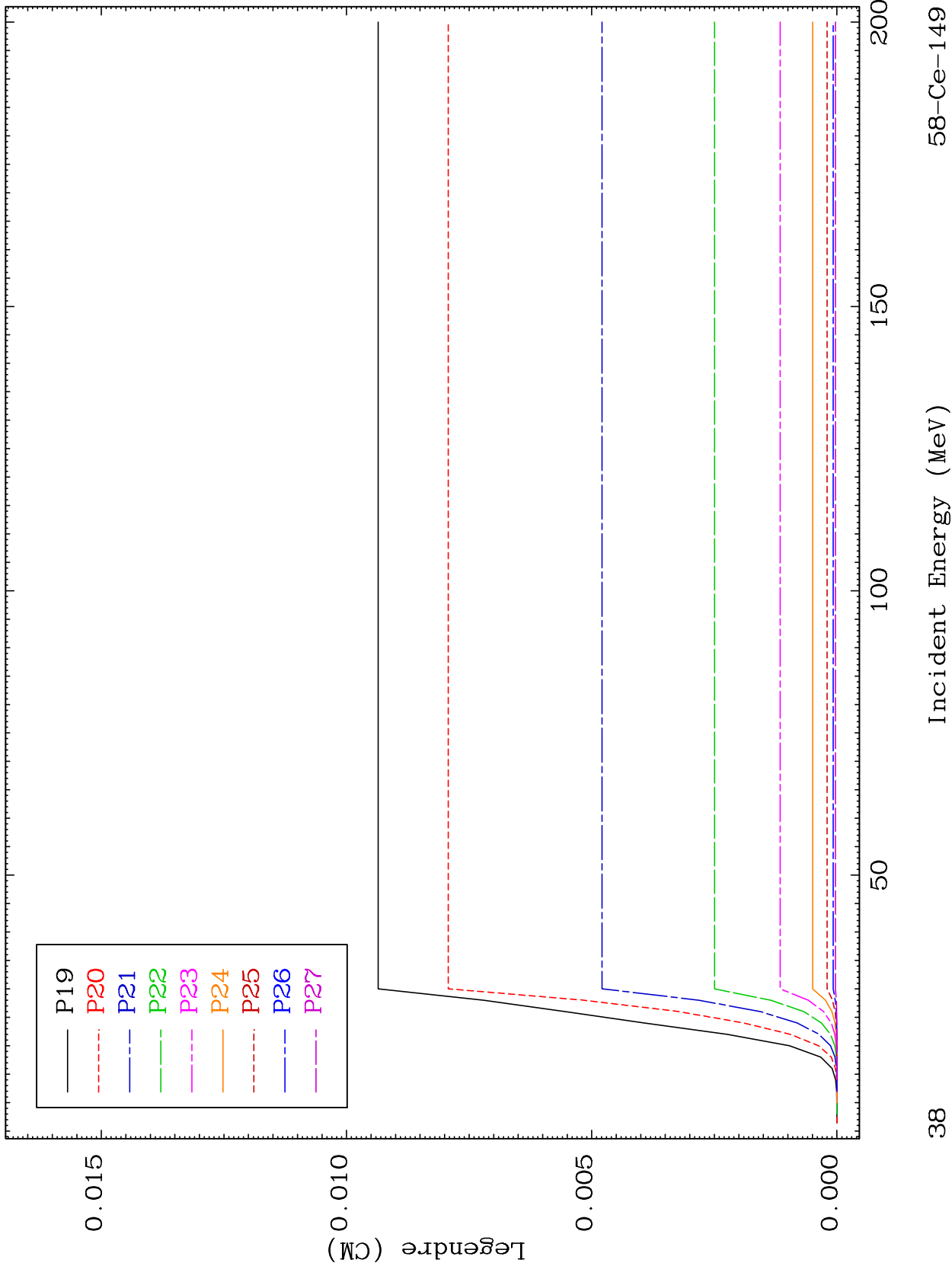
58-Ce-149



37

Incident Energy (MeV)

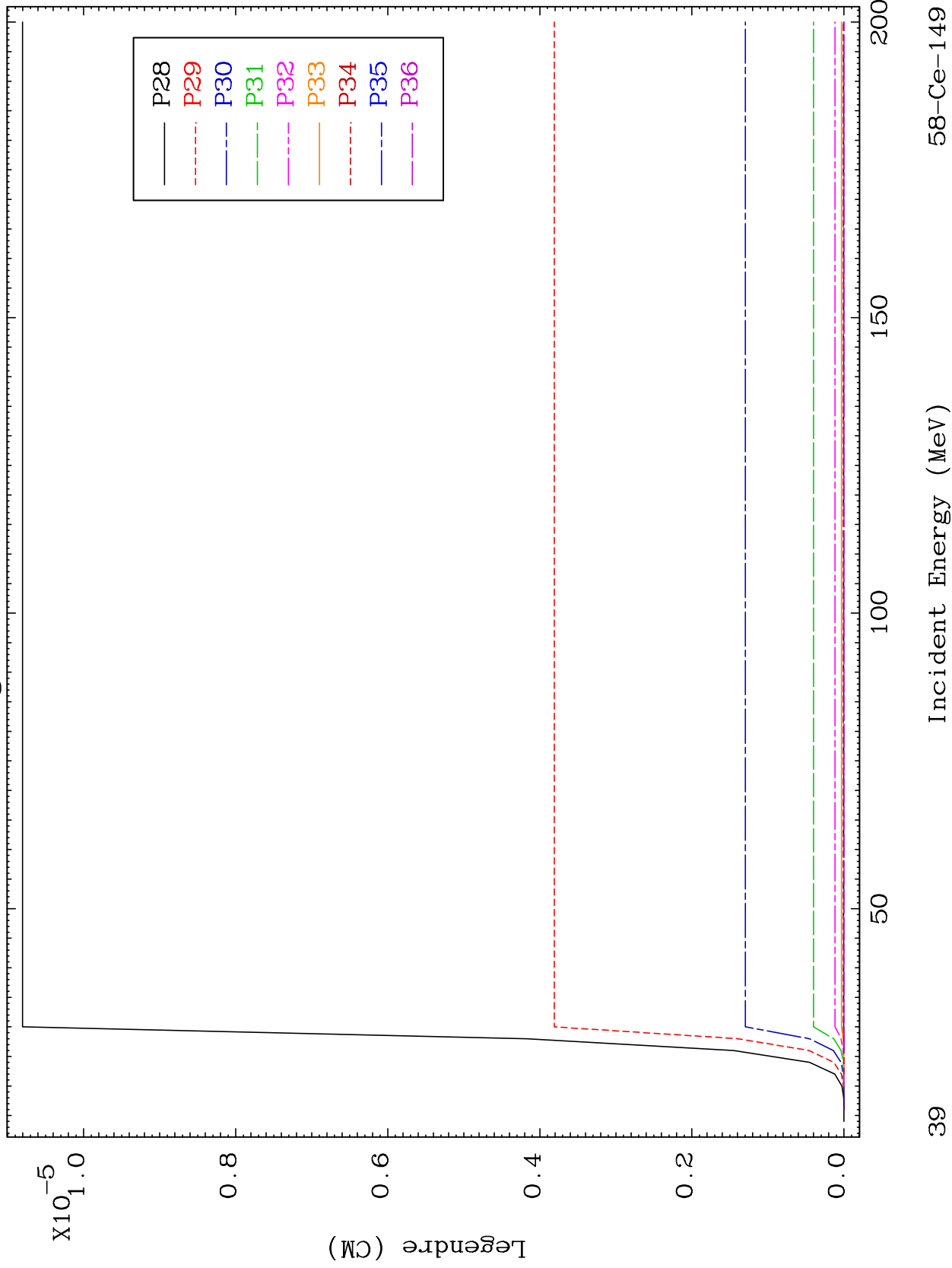
58-Ce-149



MAT 5864

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

58-Ce-149



39

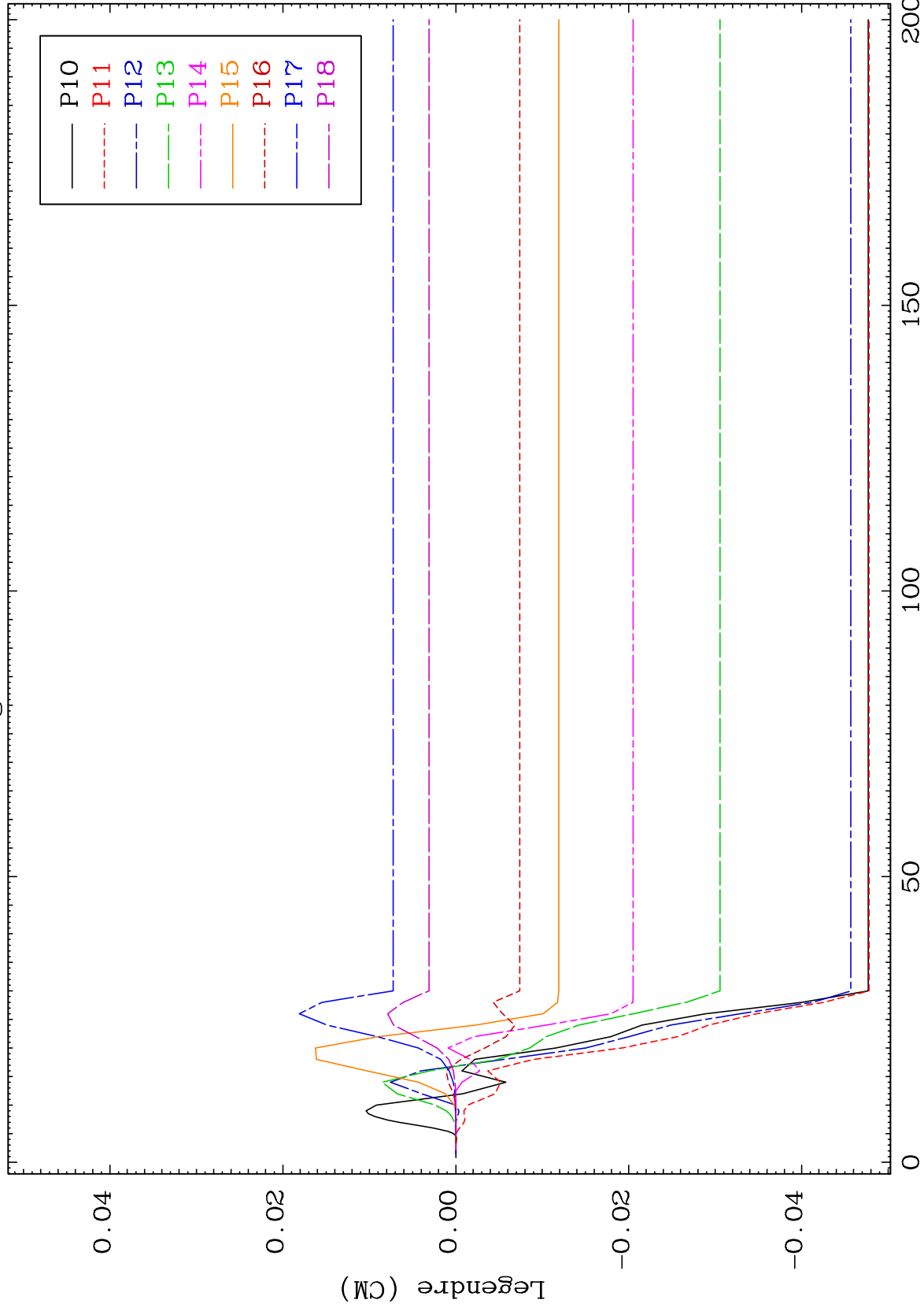
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



41

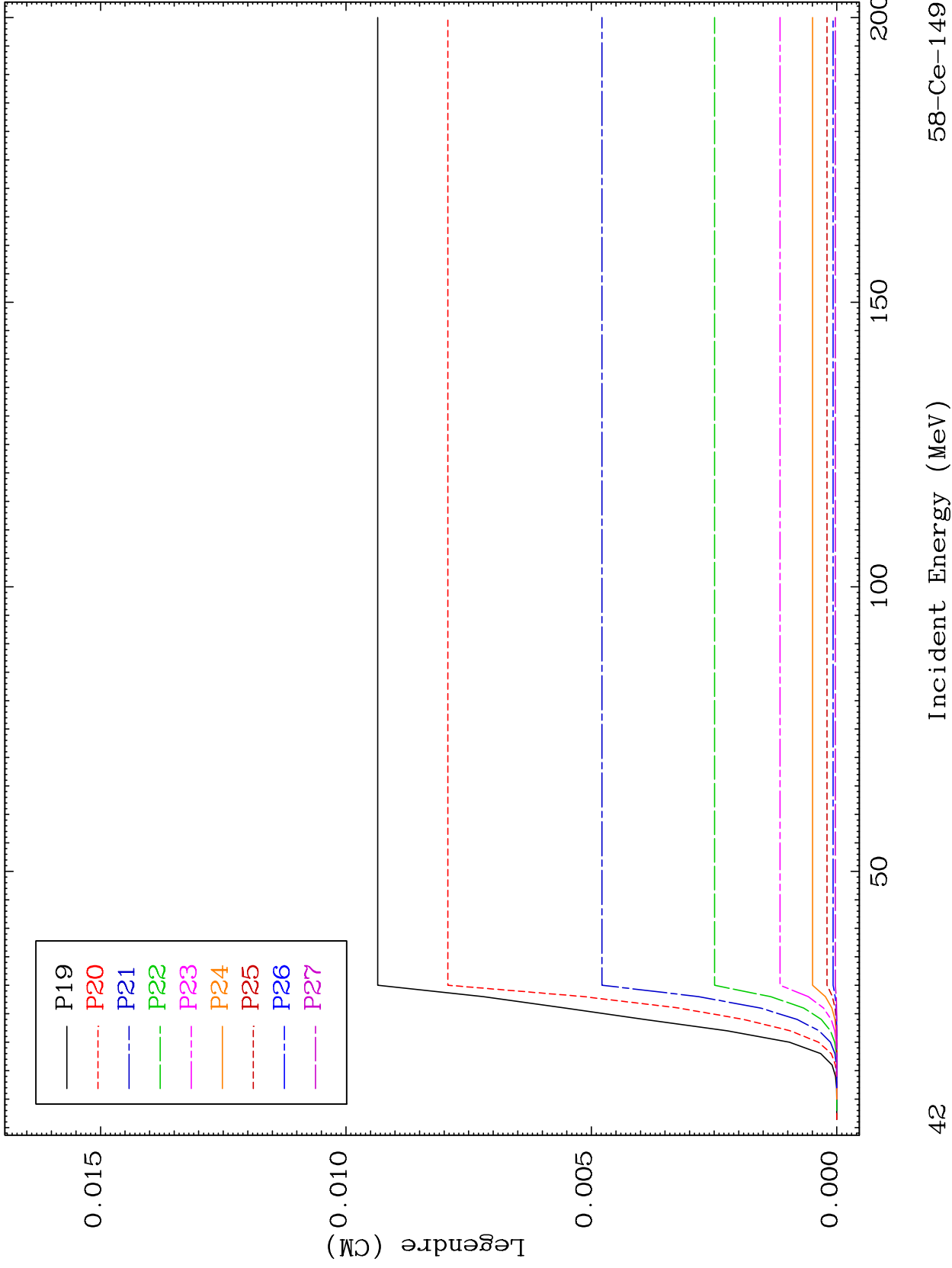
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



42

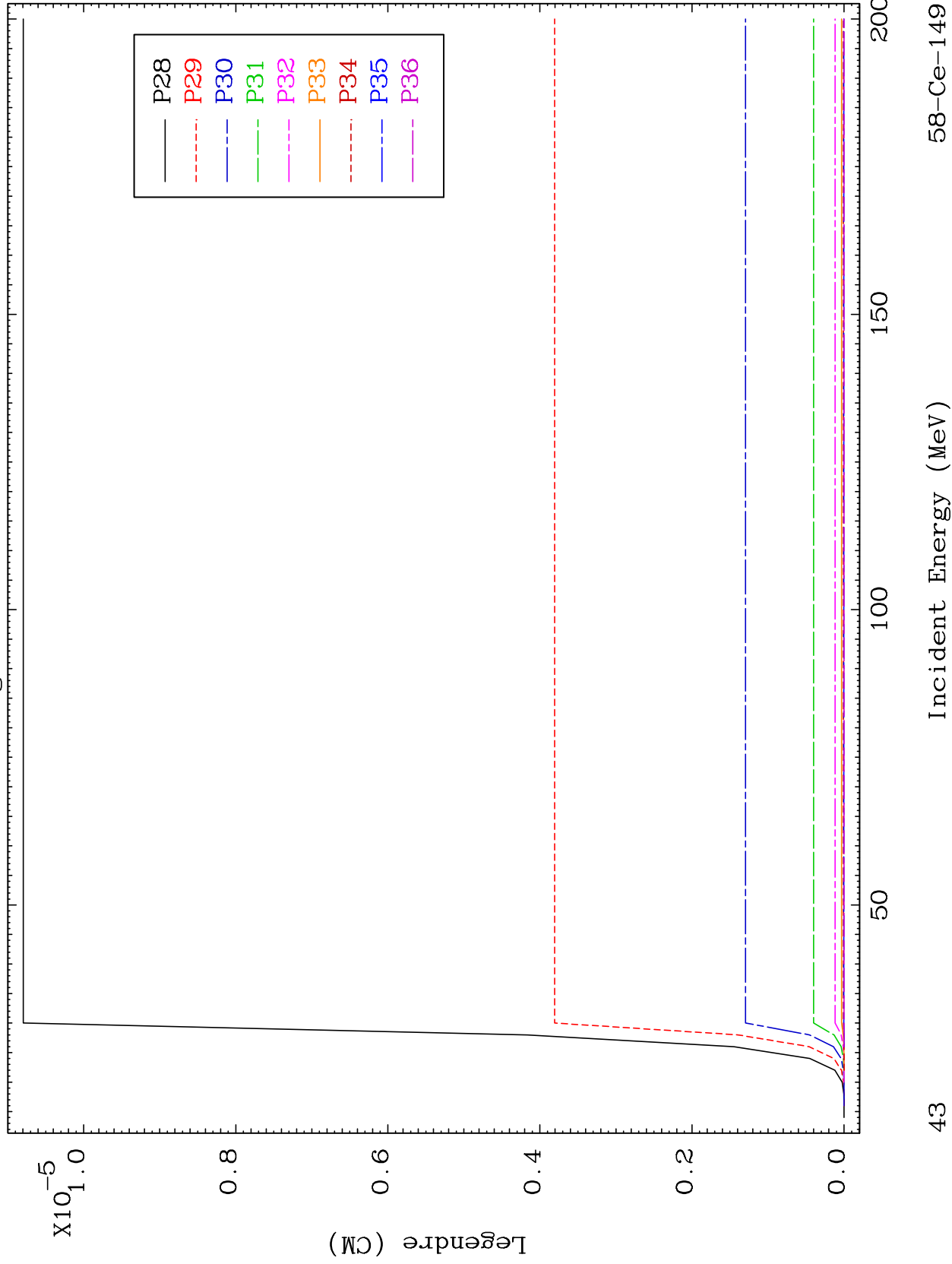
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

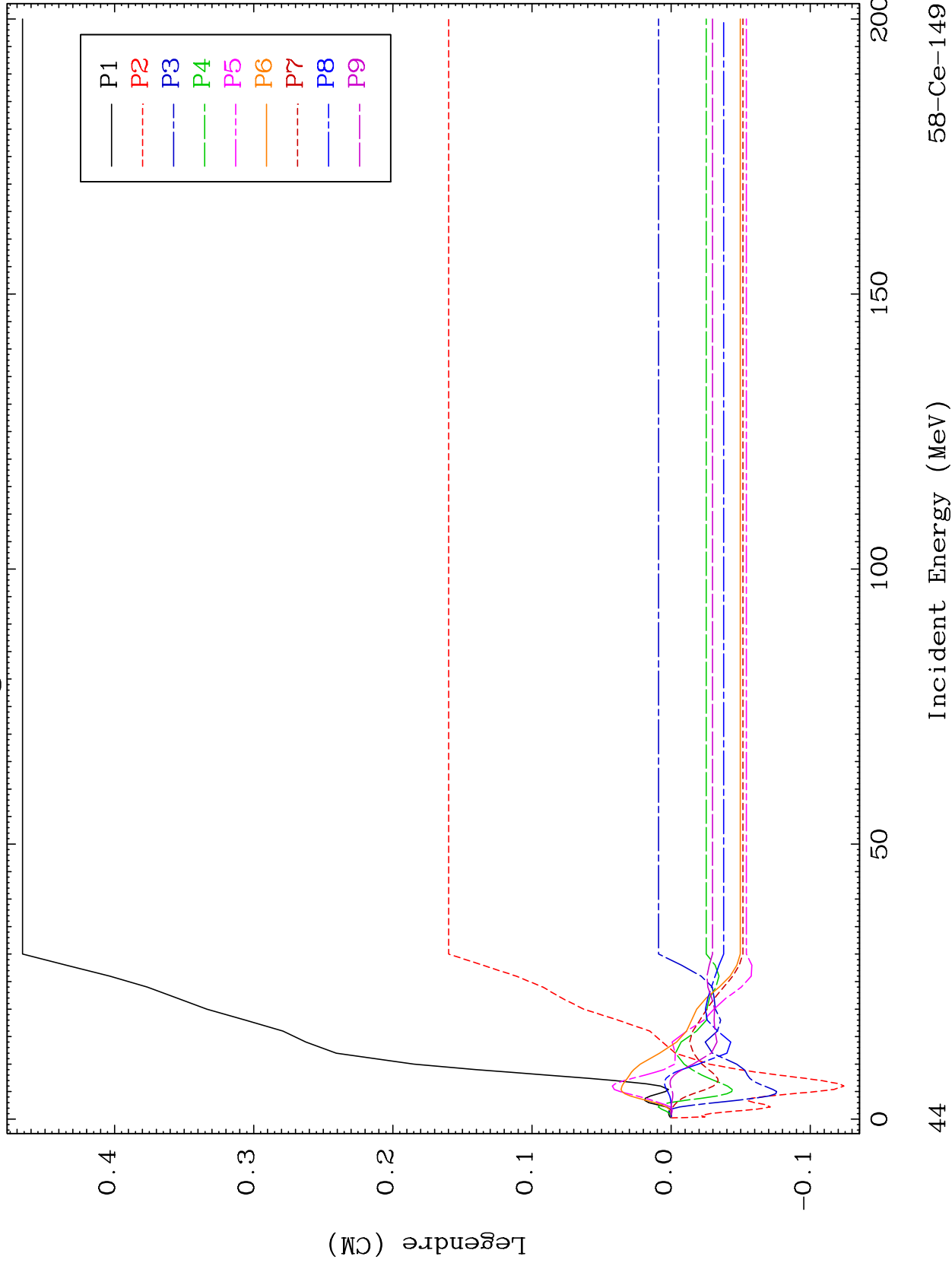
58-Ce-149



MAT 5864

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

58-Ce-149



58-Ce-149

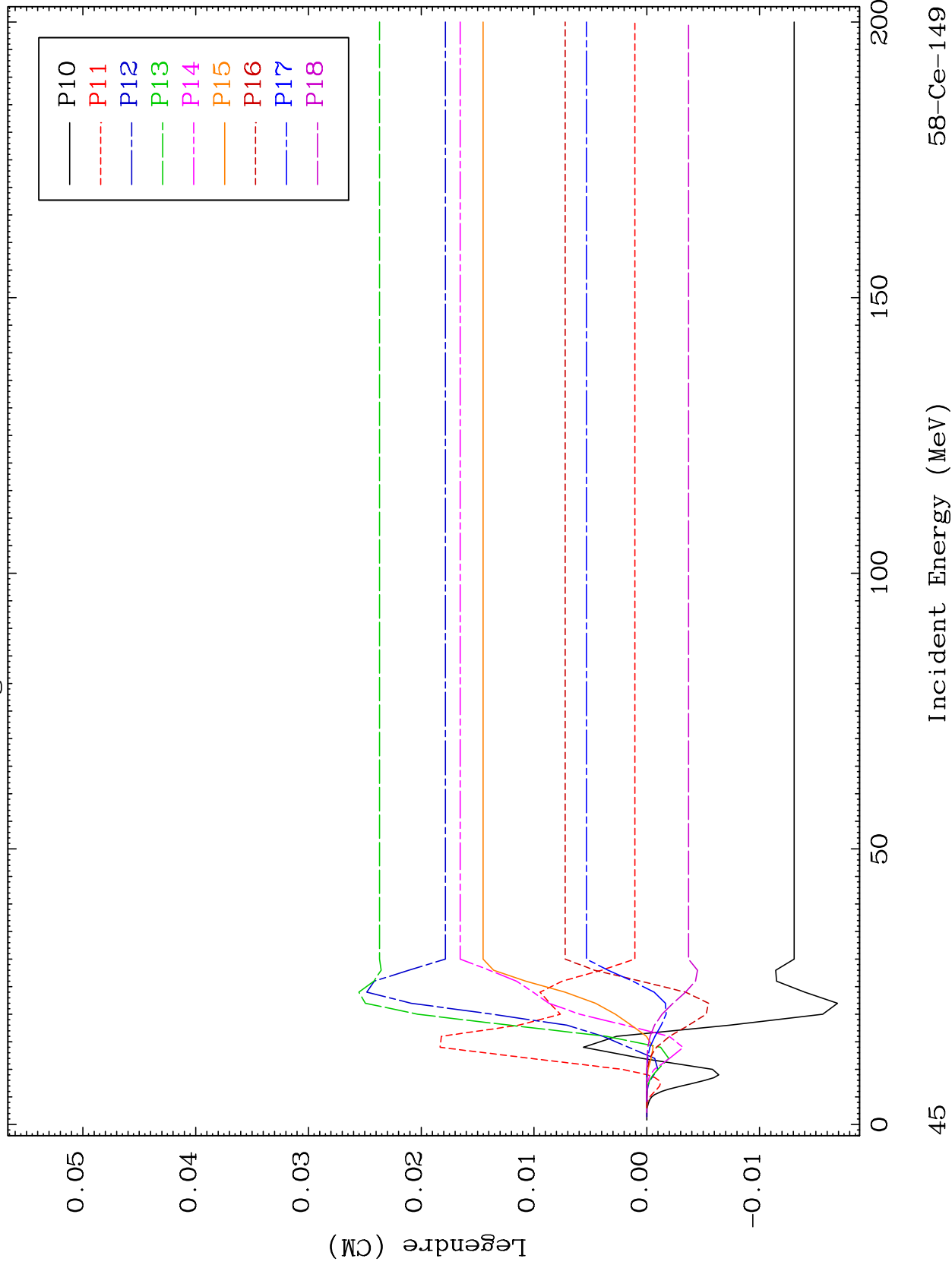
Incident Energy (MeV)

44

MAT 5864

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

58-Ce-149



58-Ce-149

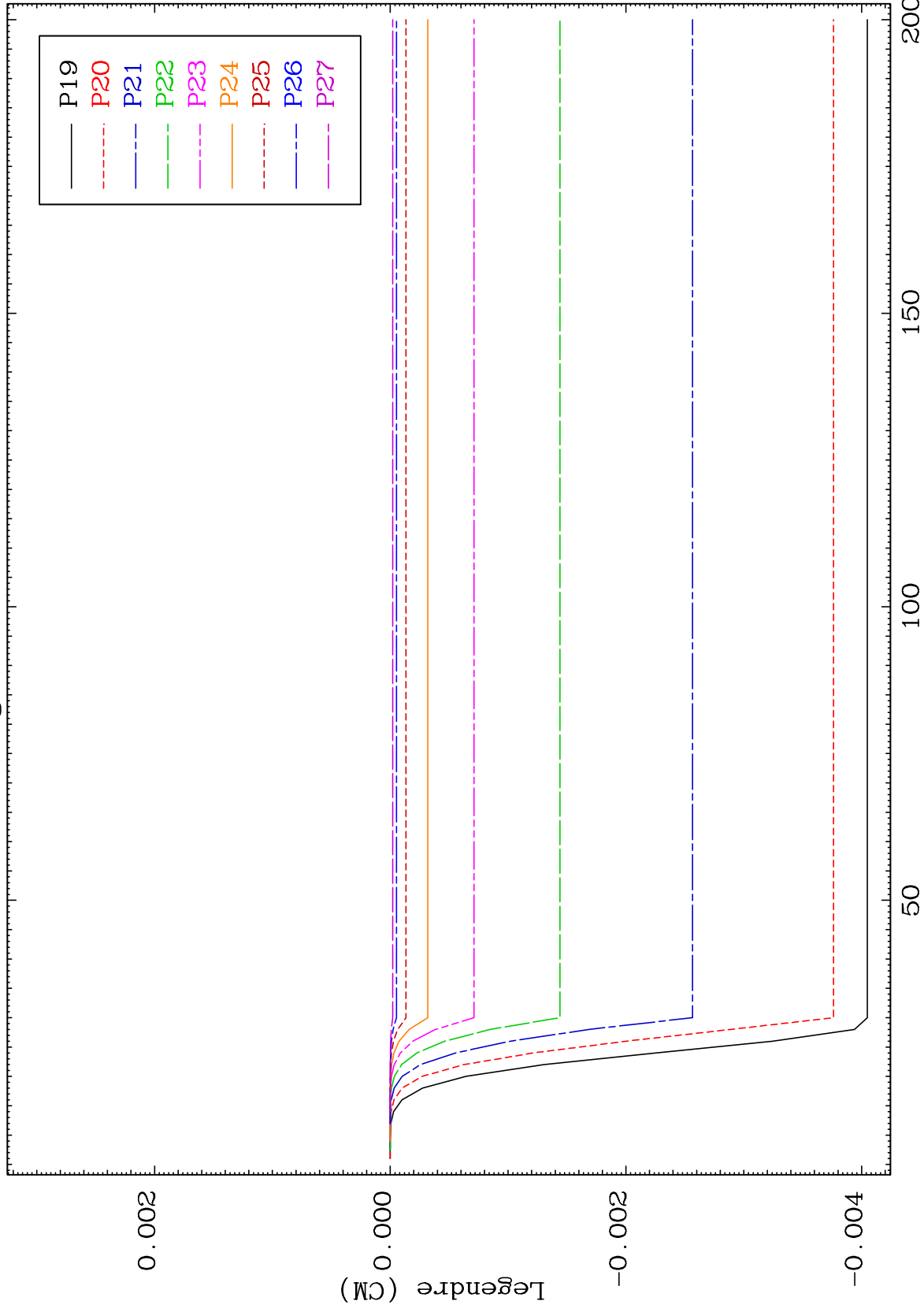
Incident Energy (MeV)

45

MAT 5864

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

58-Ce-149



46

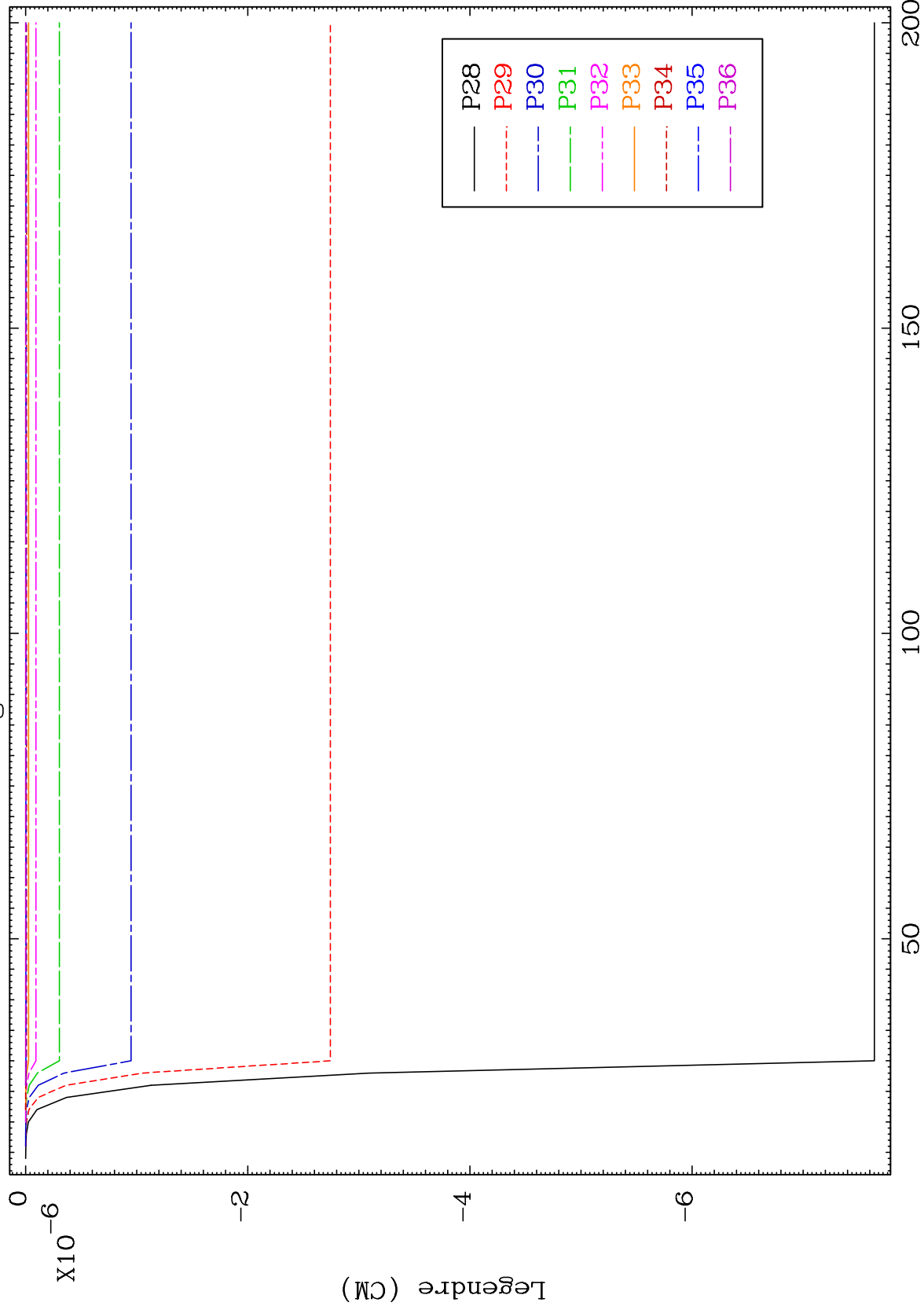
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

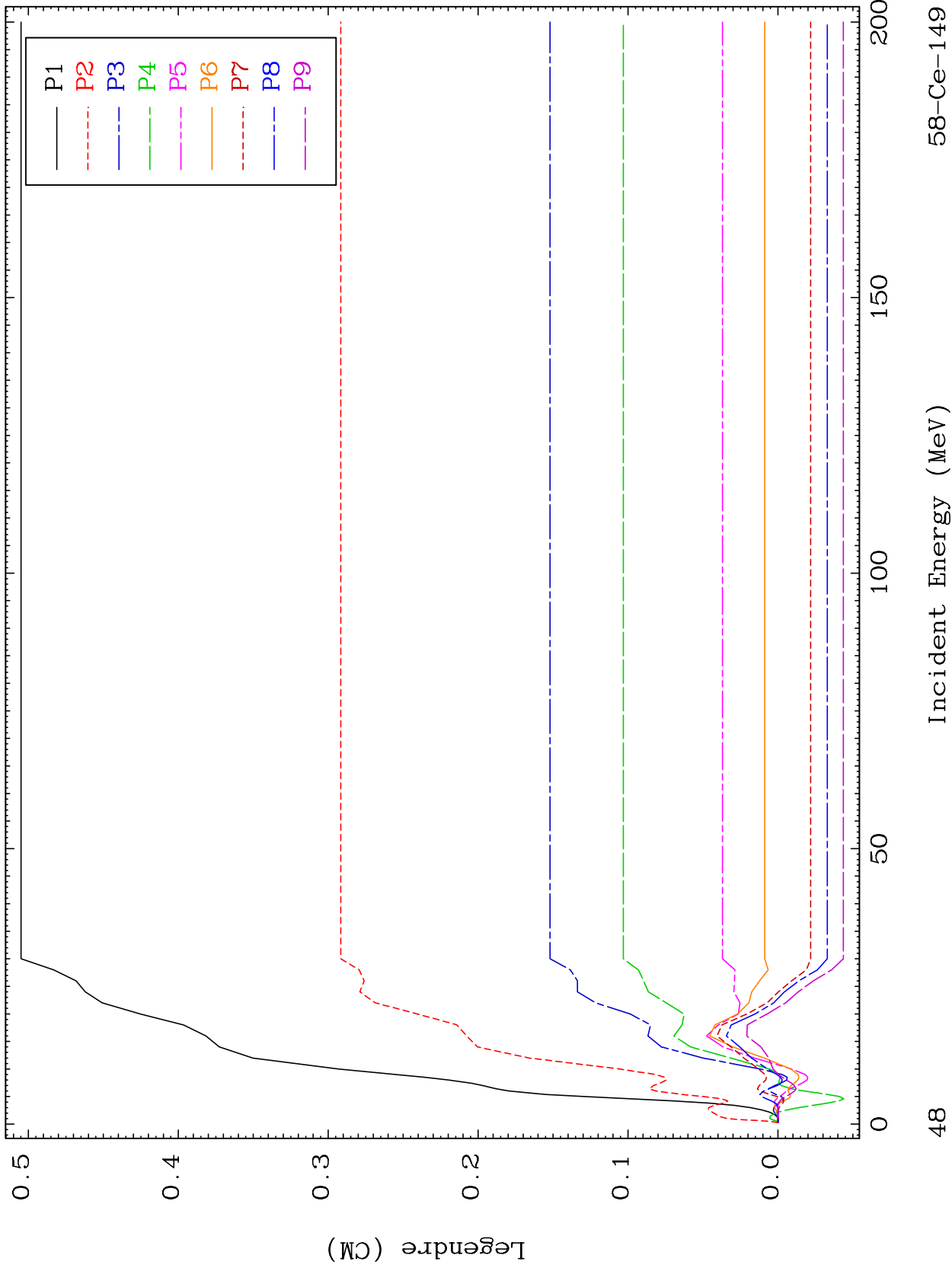
Incident Energy (MeV)

47

MAT 5864

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

58-Ce-149



58-Ce-149

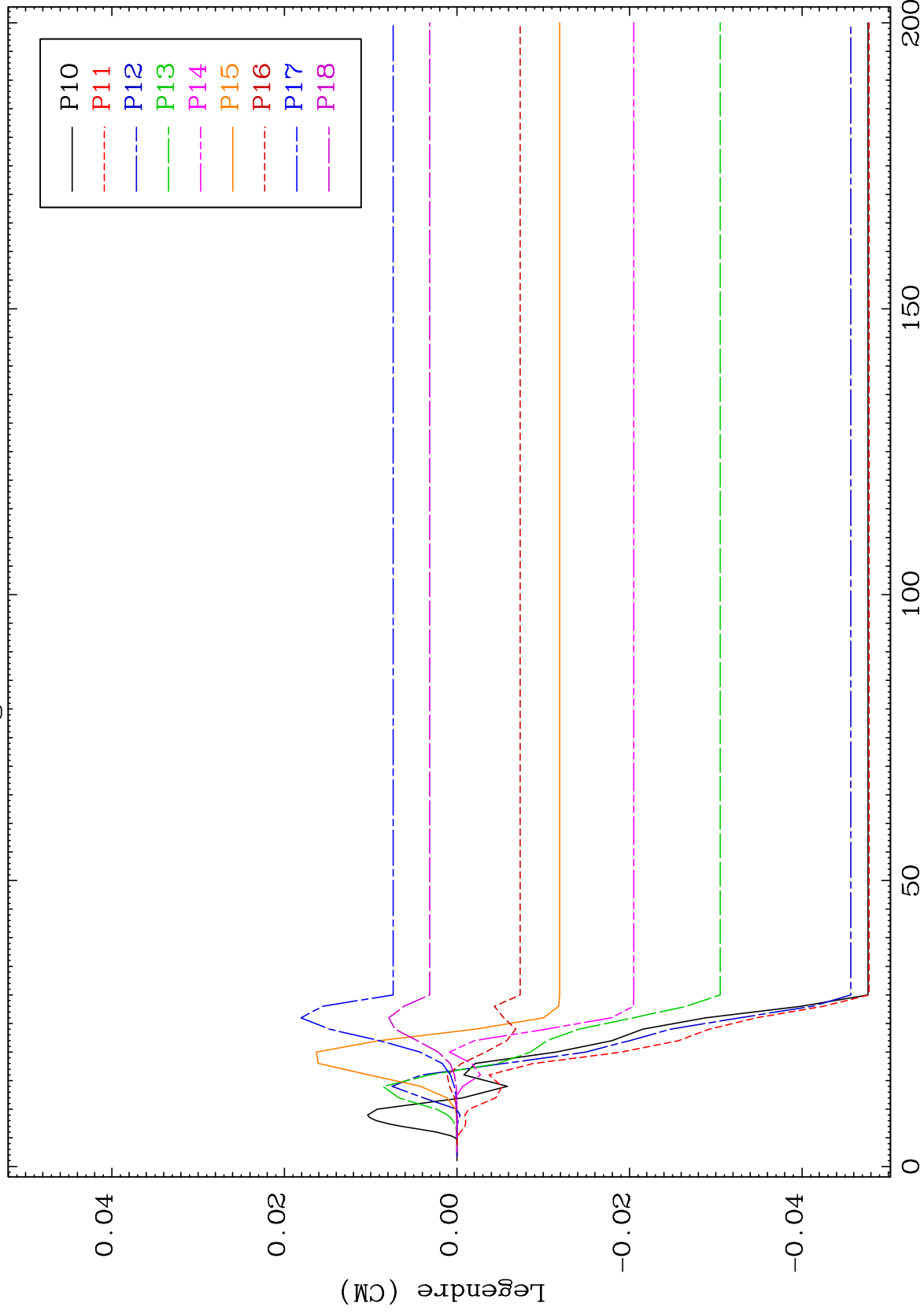
Incident Energy (MeV)

48

MAT 5864

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

58-Ce-149



49

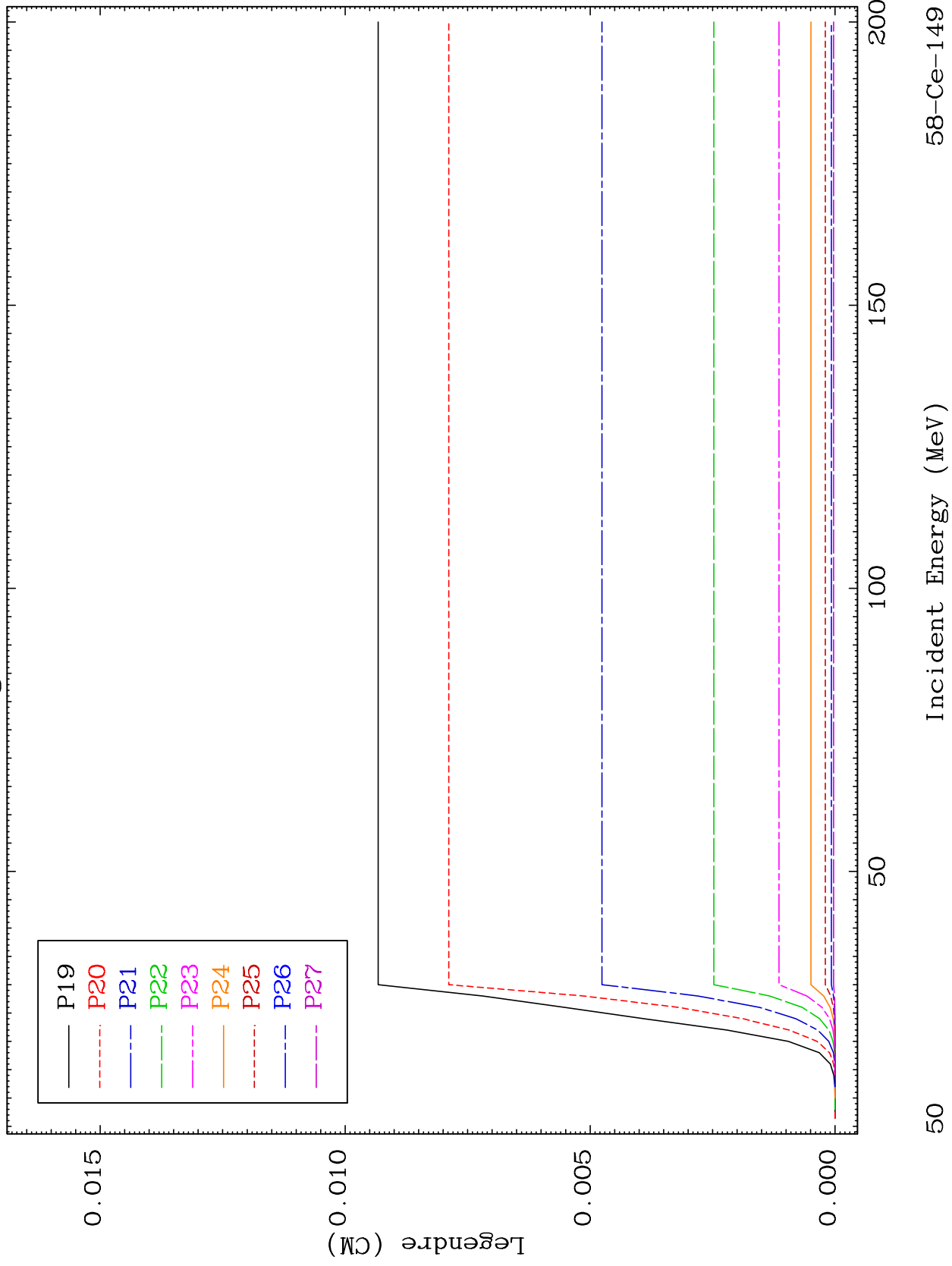
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

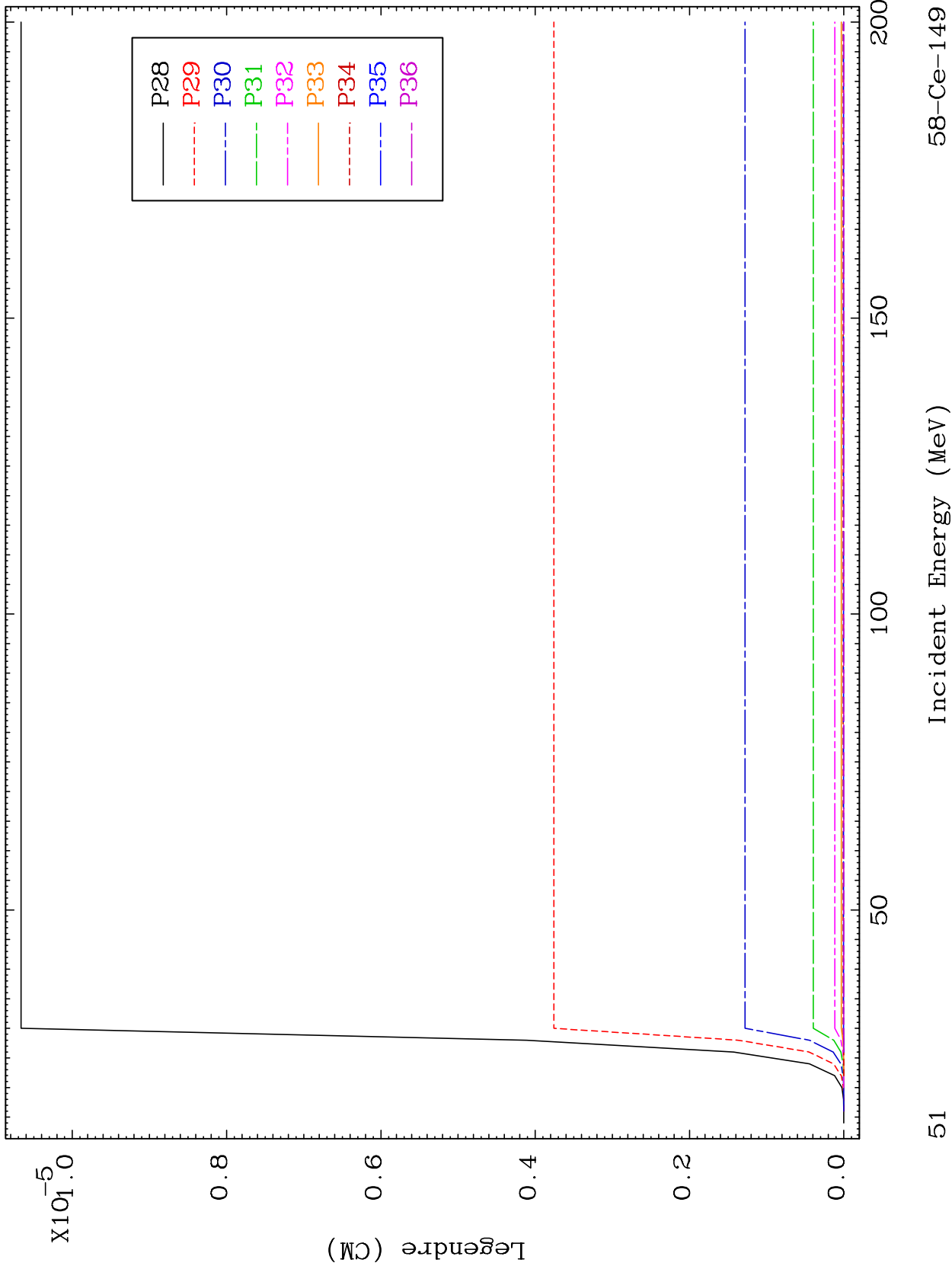
Incident Energy (MeV)

50

MAT 5864

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

58-Ce-149

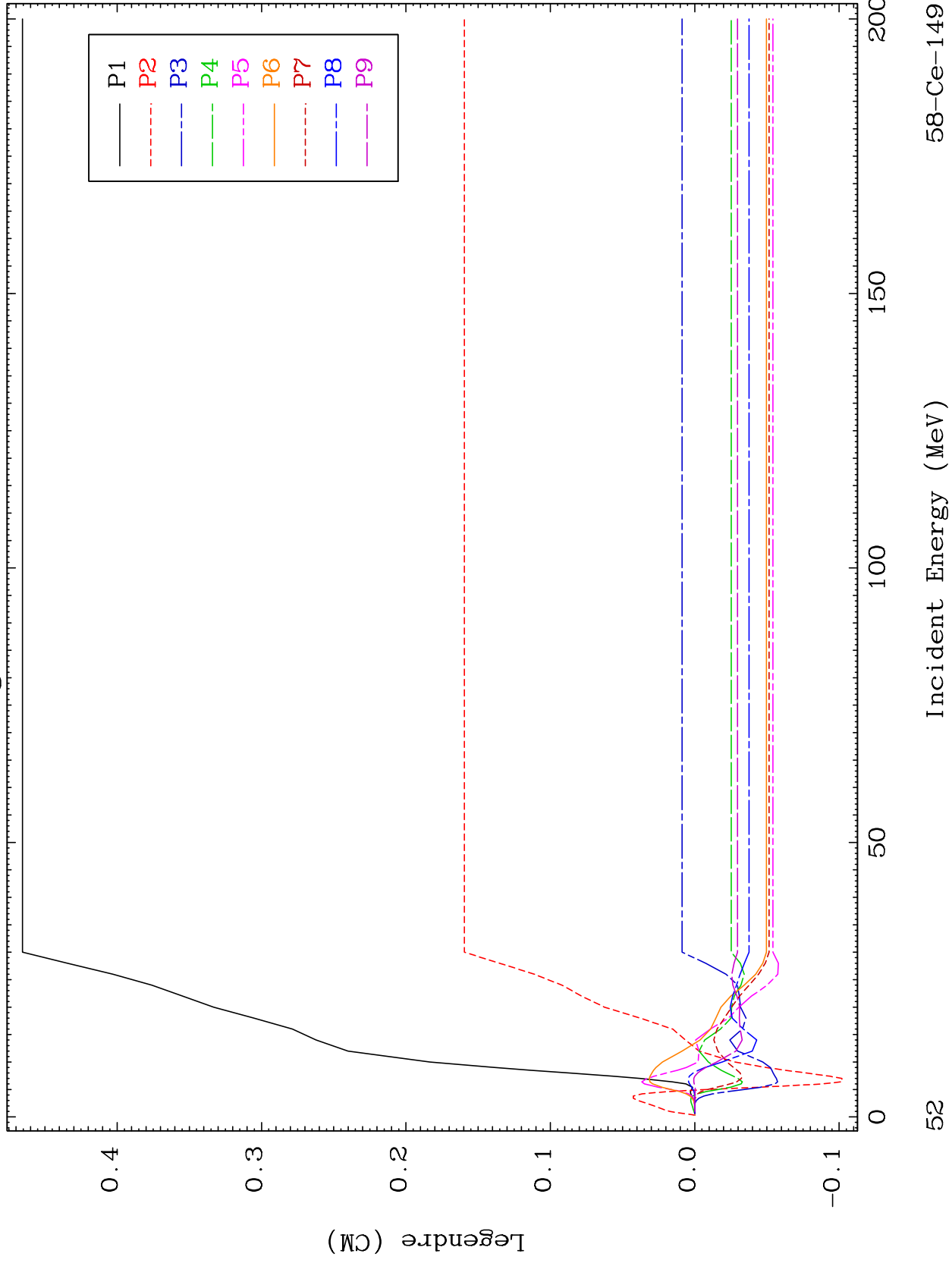


51

MAT 5864

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

58-Ce-149



58-Ce-149

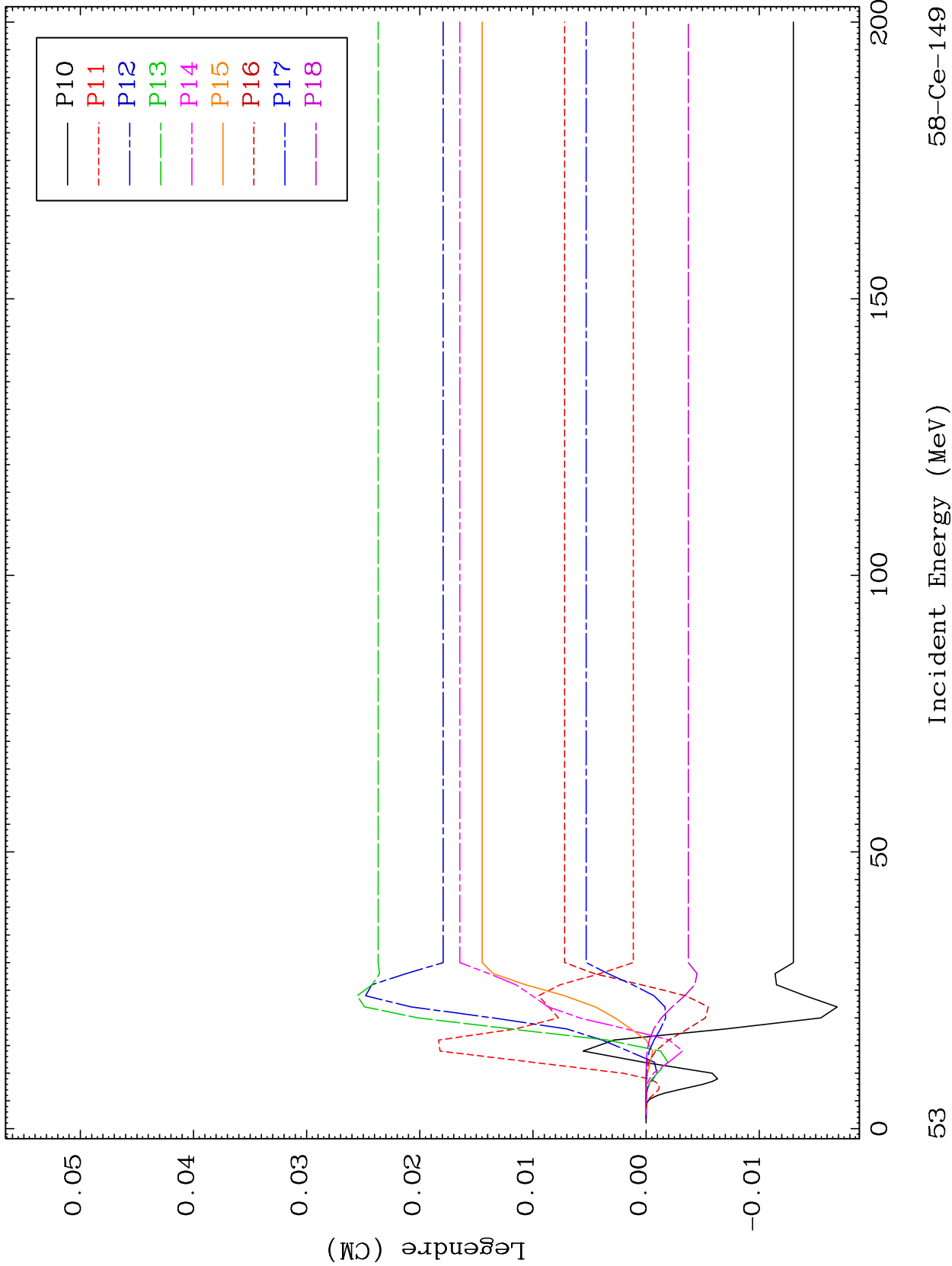
Incident Energy (MeV)

52

MAT 5864

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

58-Ce-149



58-Ce-149

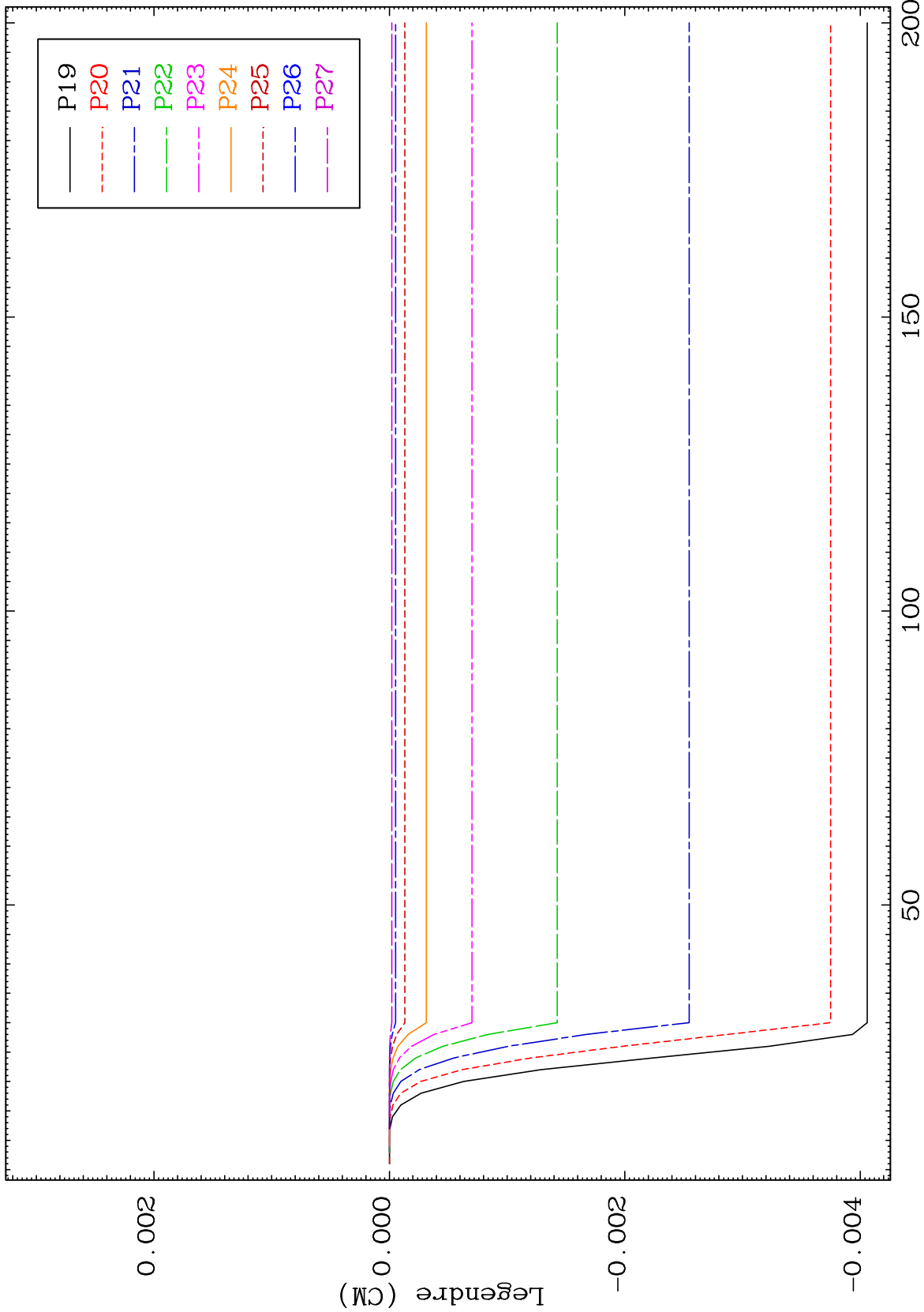
Incident Energy (MeV)

53

MAT 5864

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

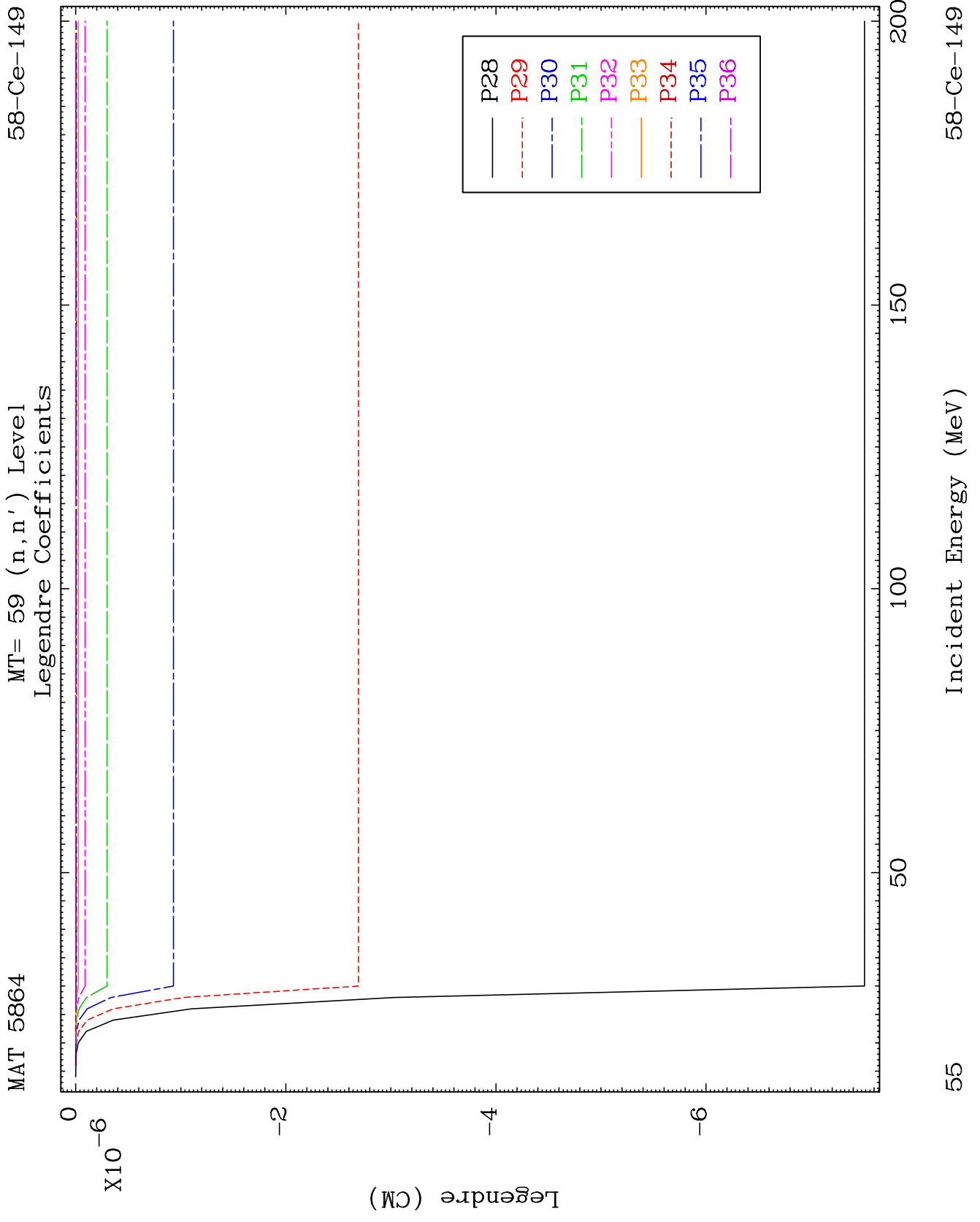
58-Ce-149

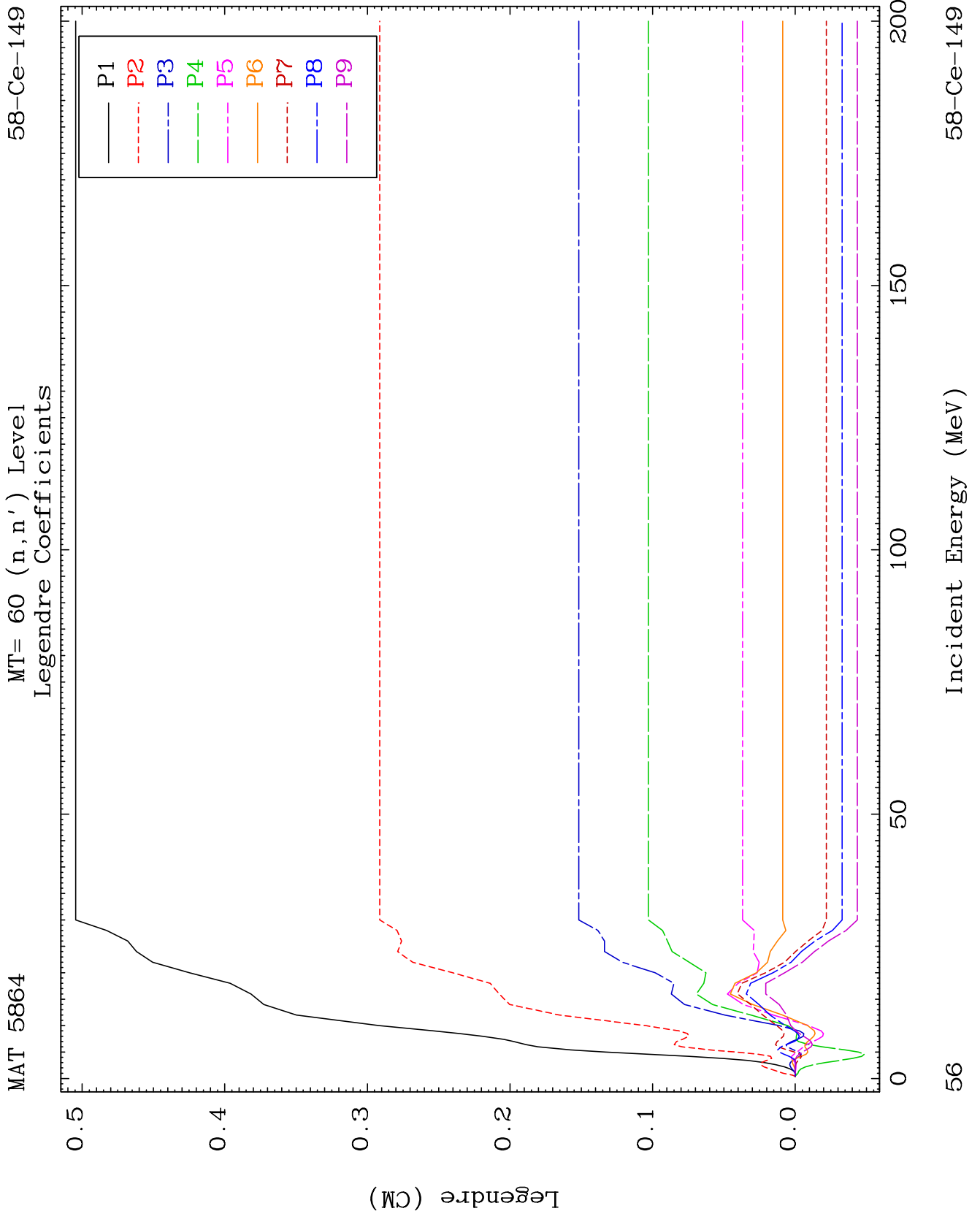


54

Incident Energy (MeV)

58-Ce-149

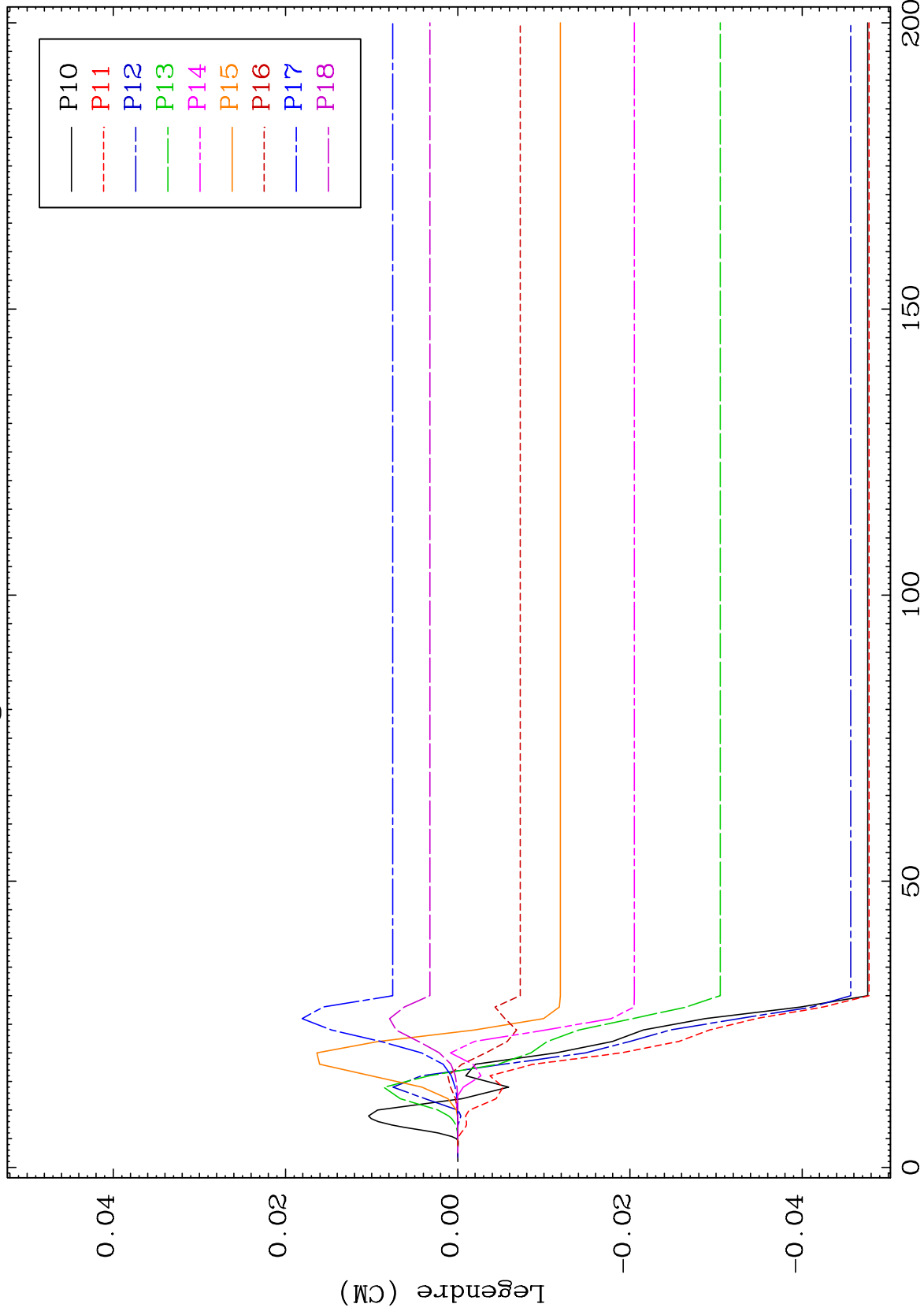




MAT 5864

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

58-Ce-149



57

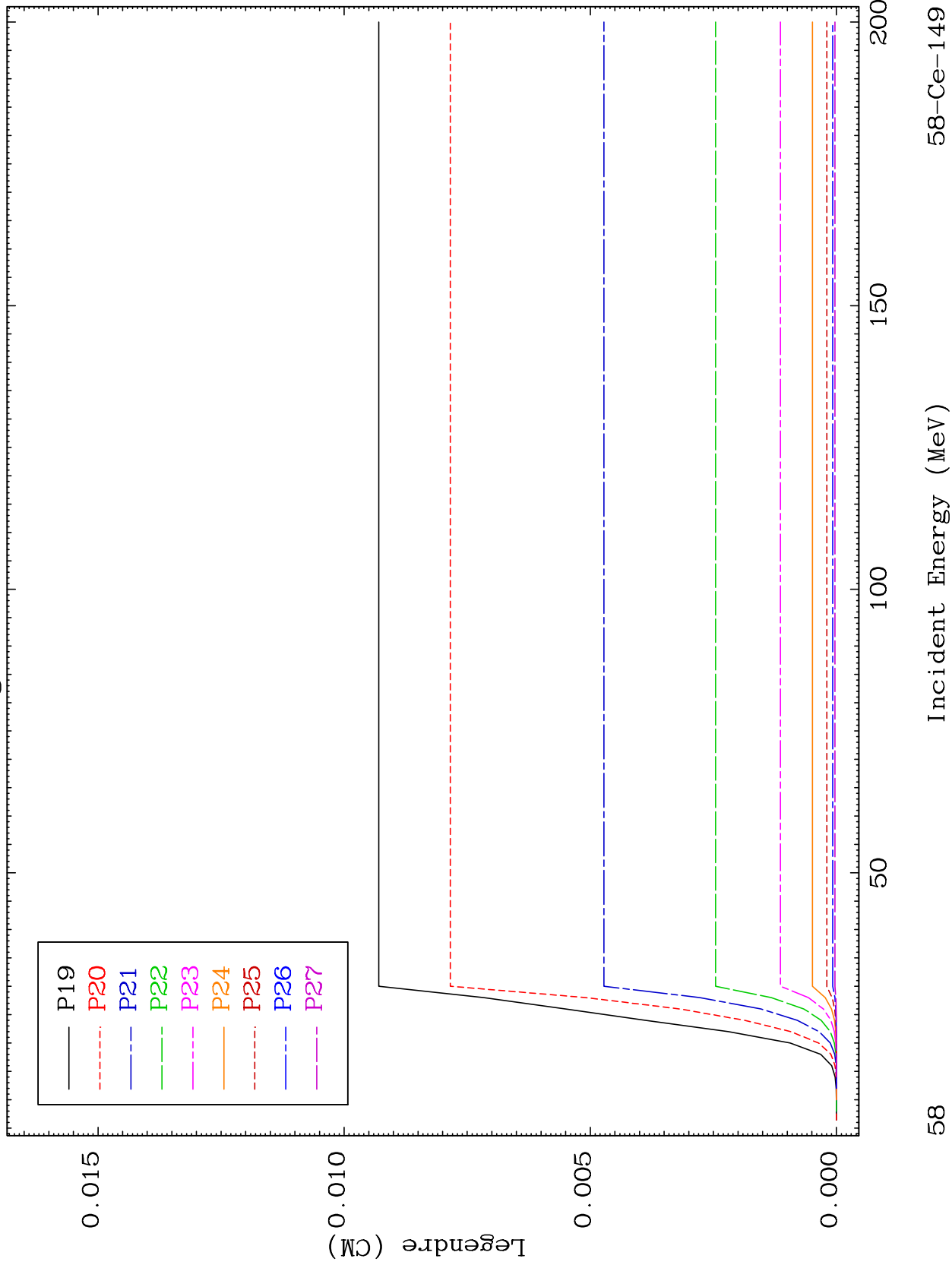
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58

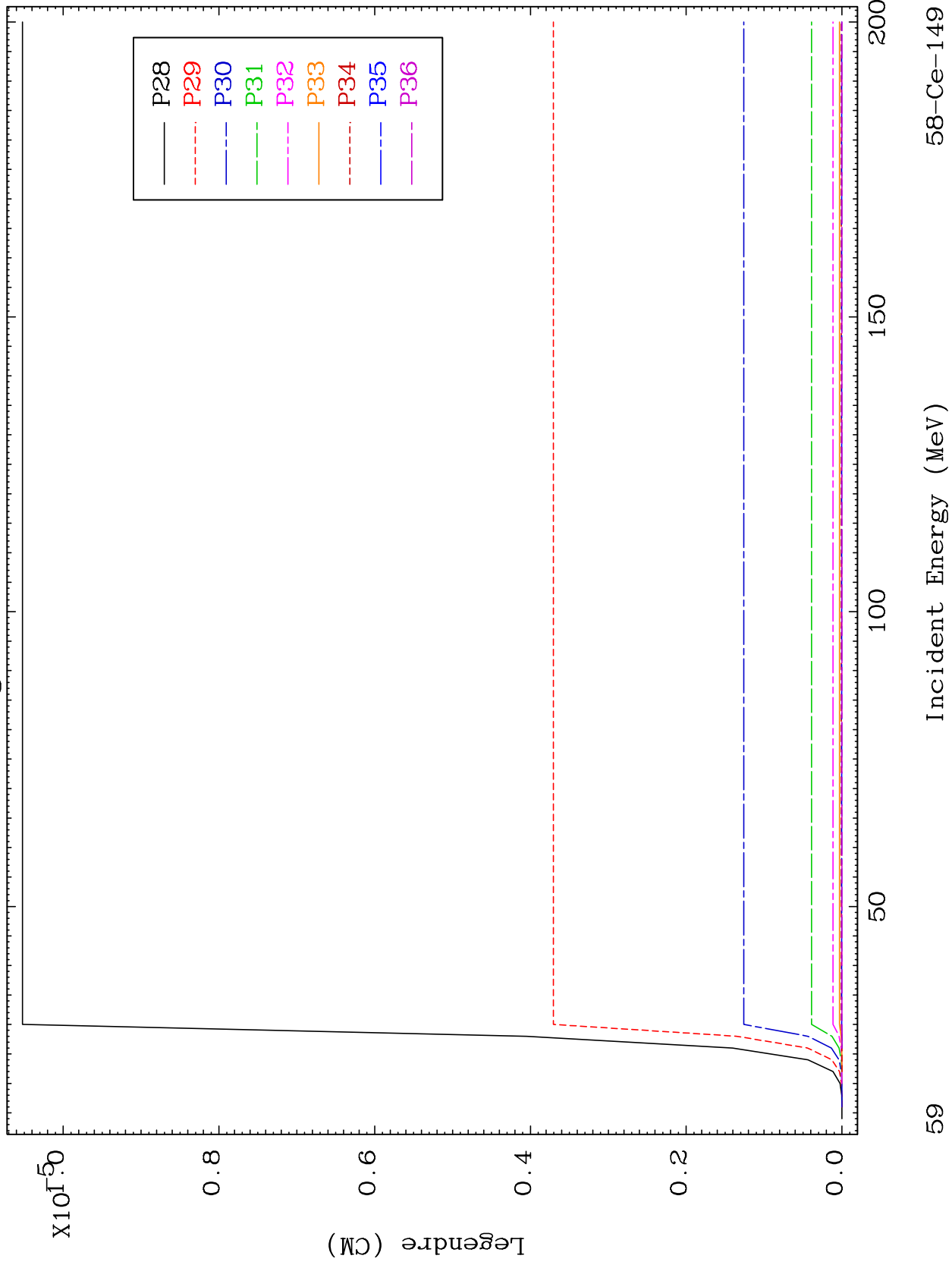
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



59

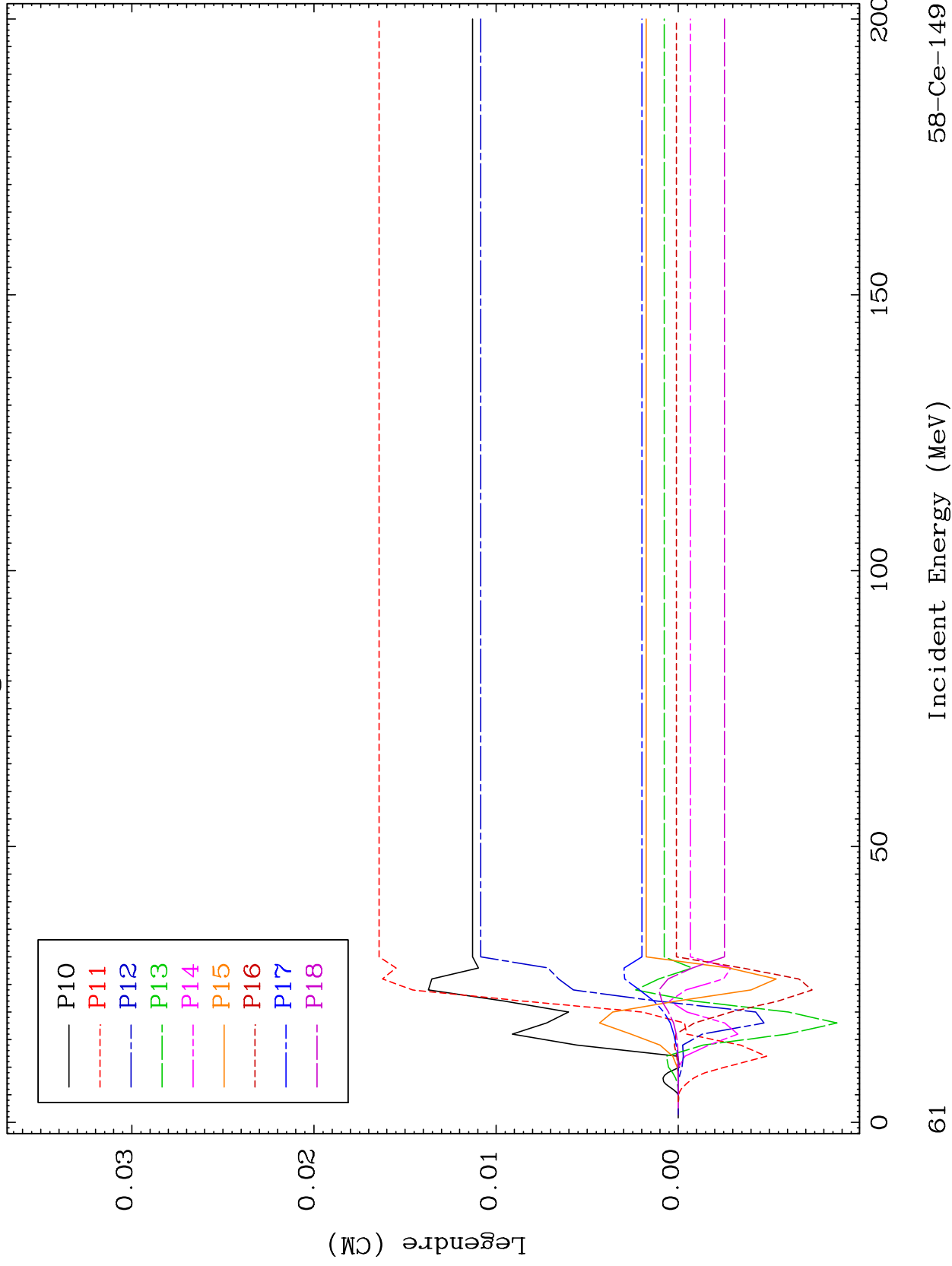
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



61

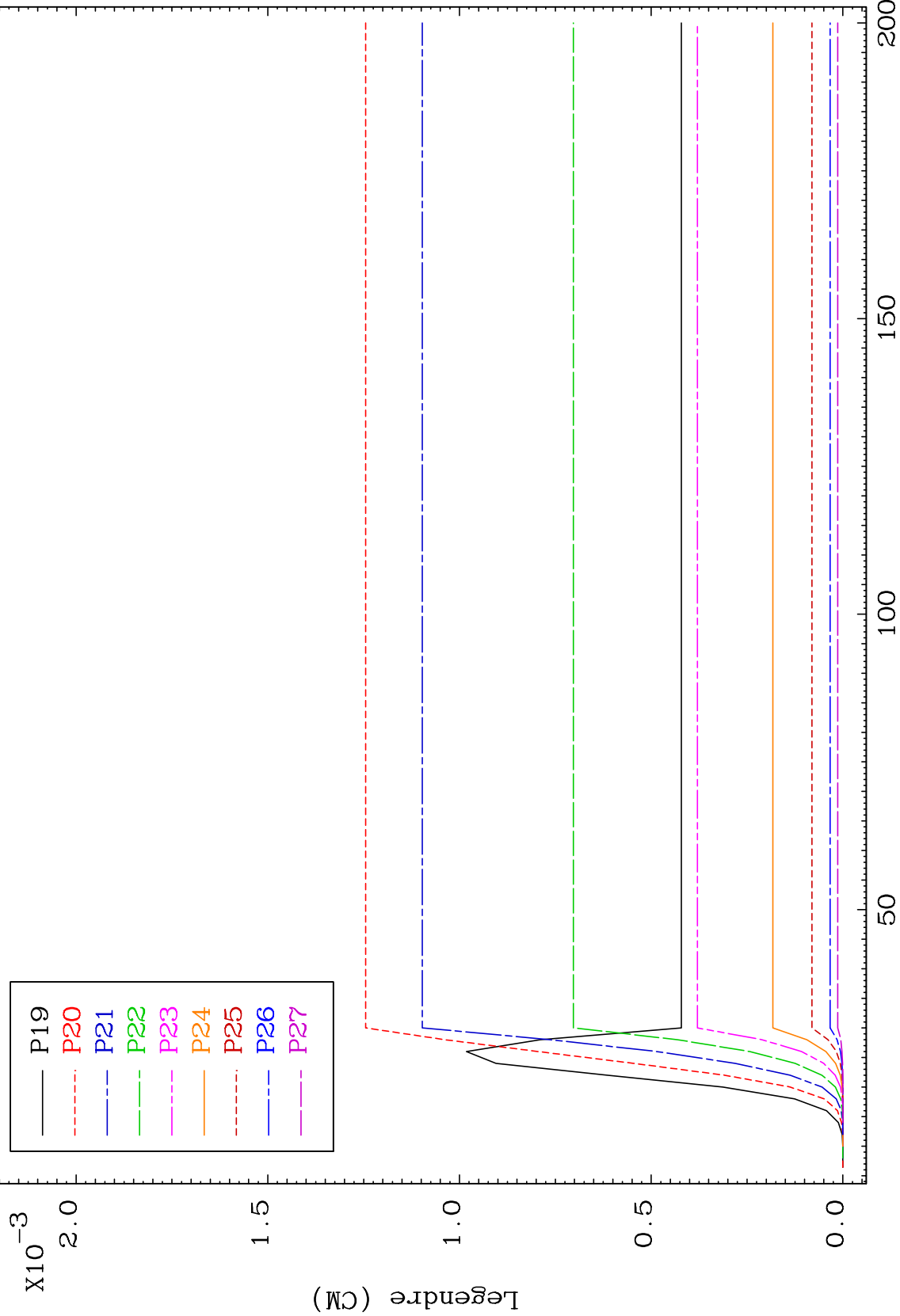
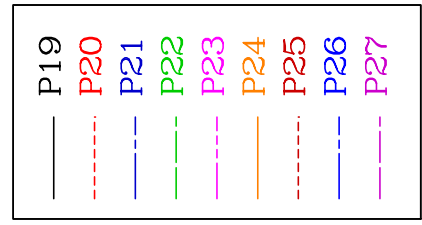
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



62

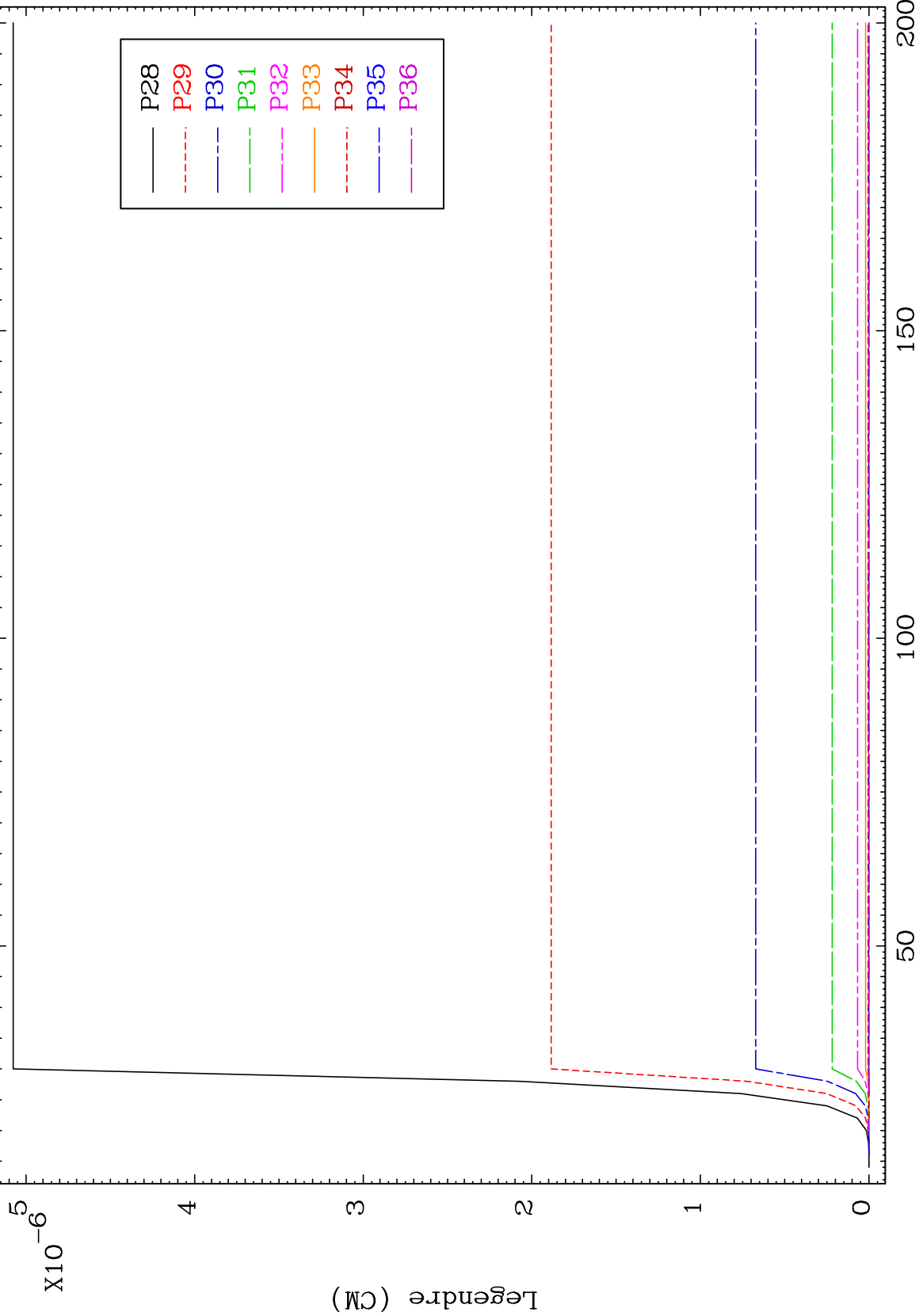
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



63

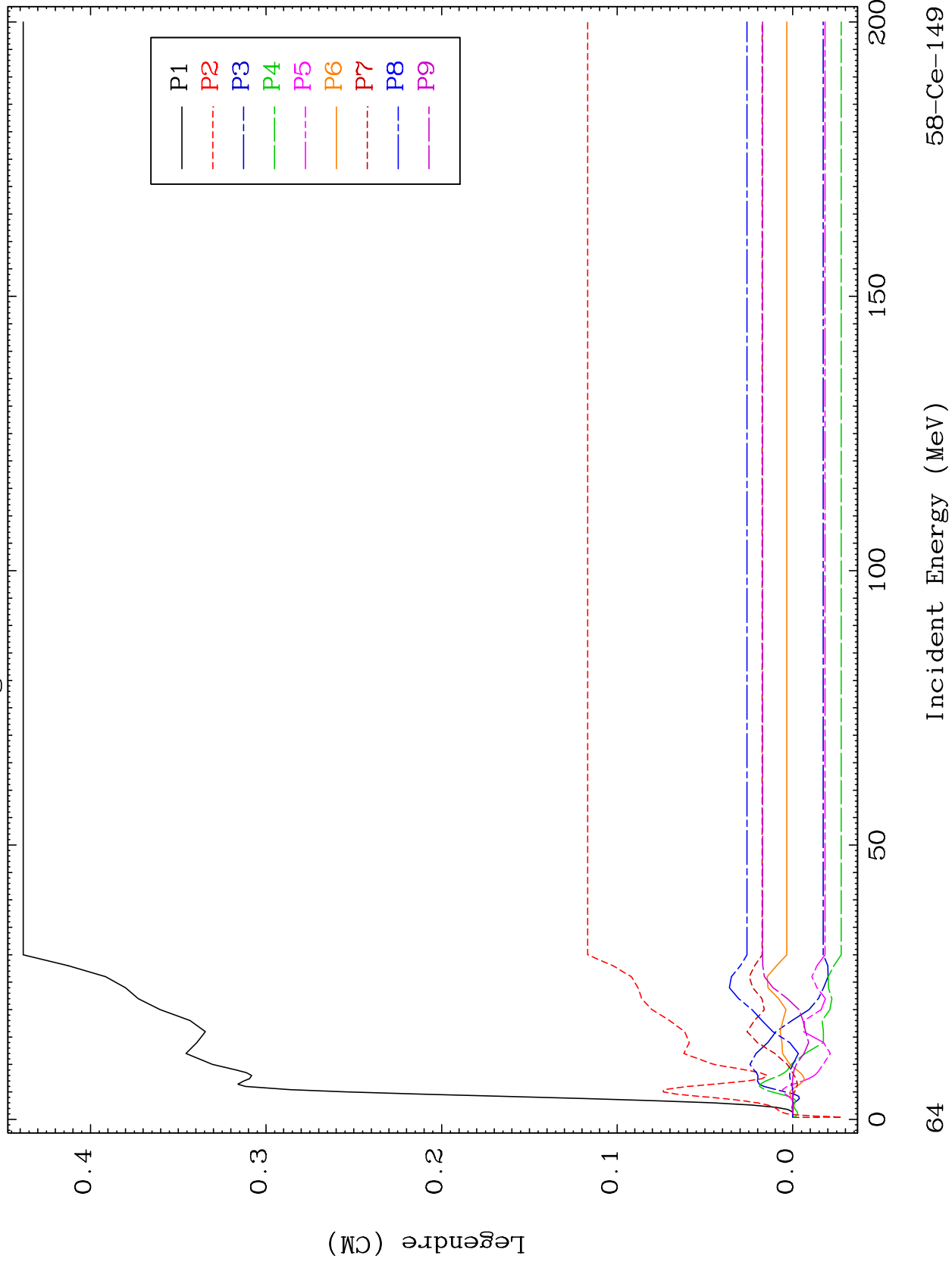
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

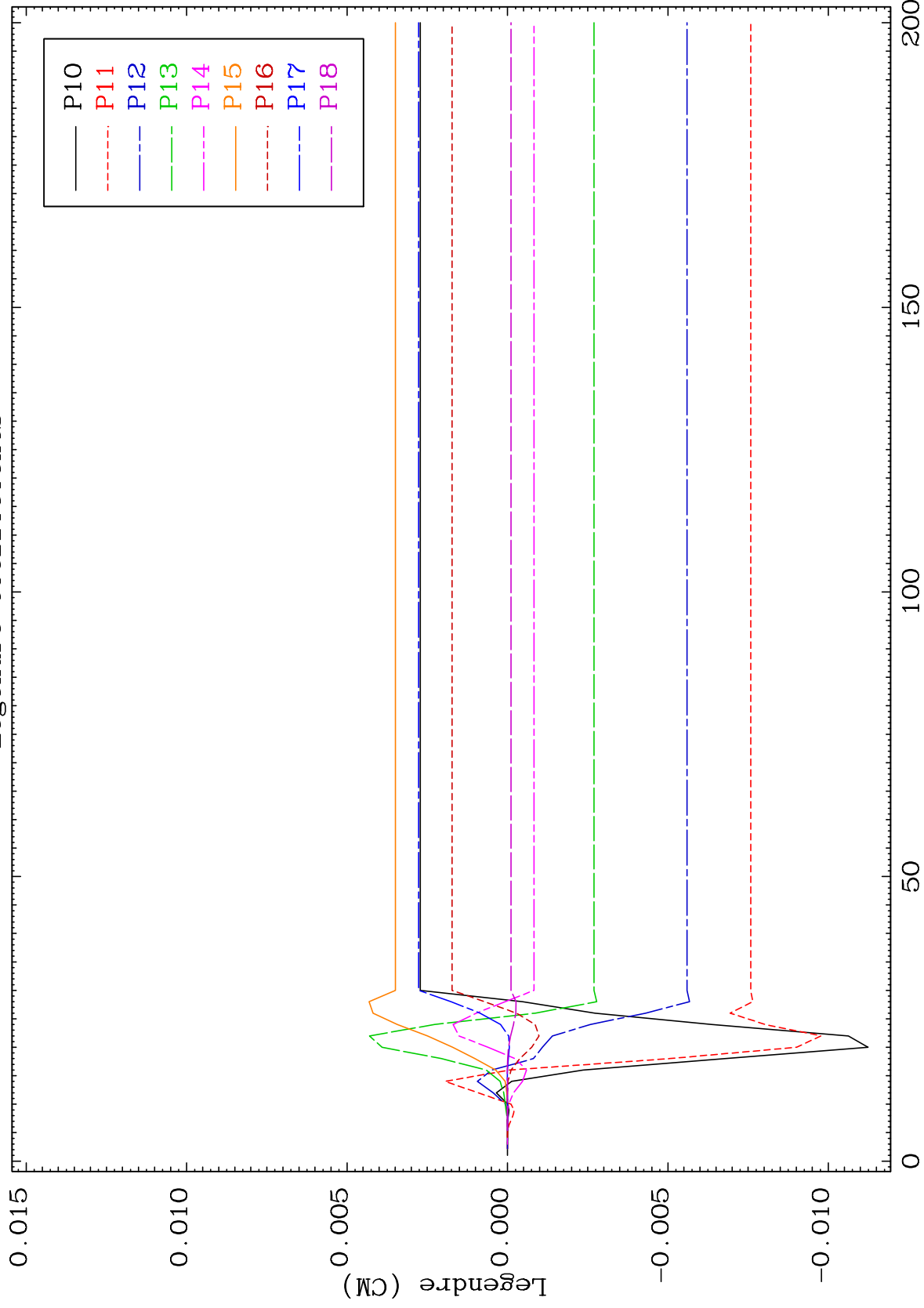
58-Ce-149



MAT 5864

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

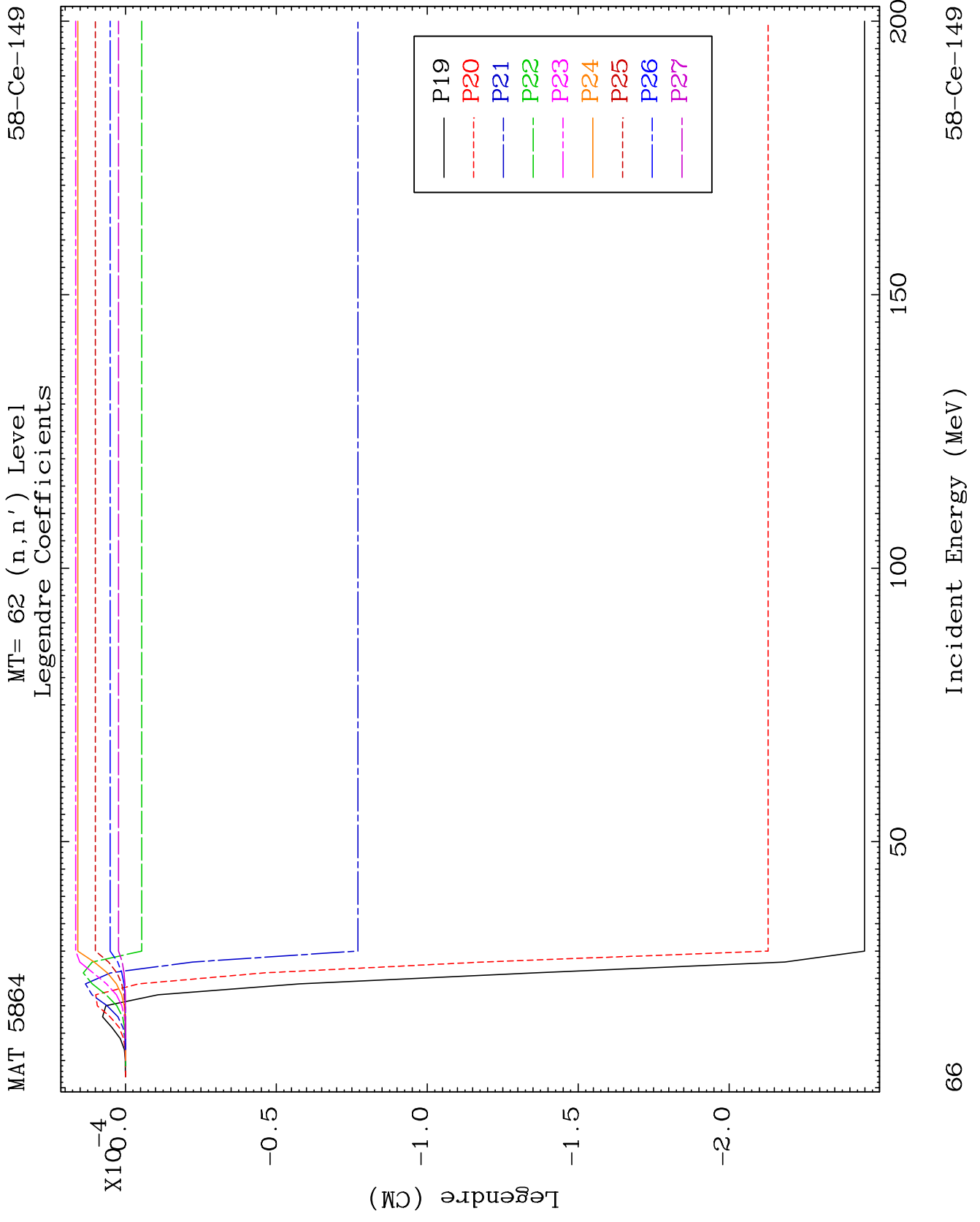
58-Ce-149



65

Incident Energy (MeV)

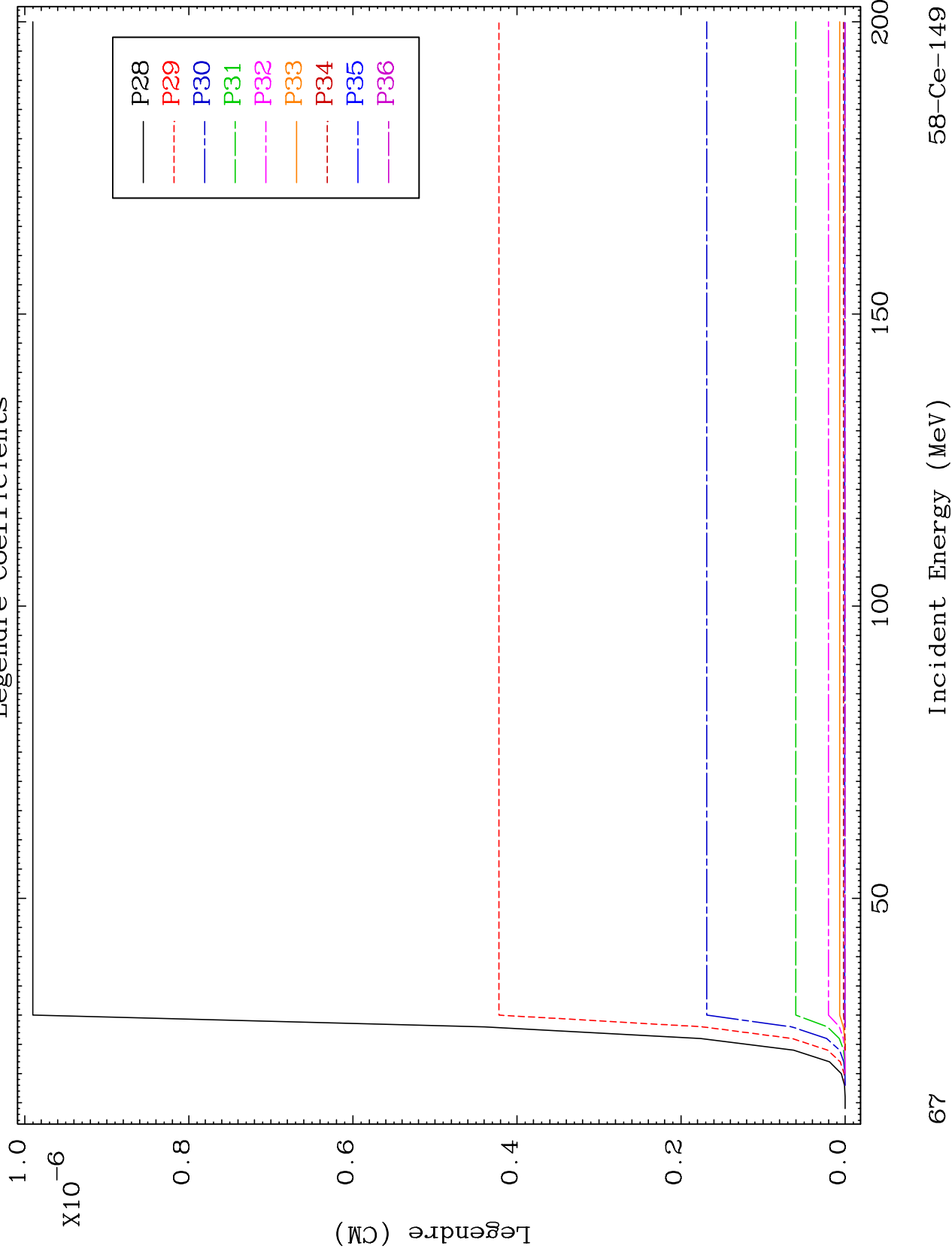
58-Ce-149



MAT 5864

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

58-Ce-149



67

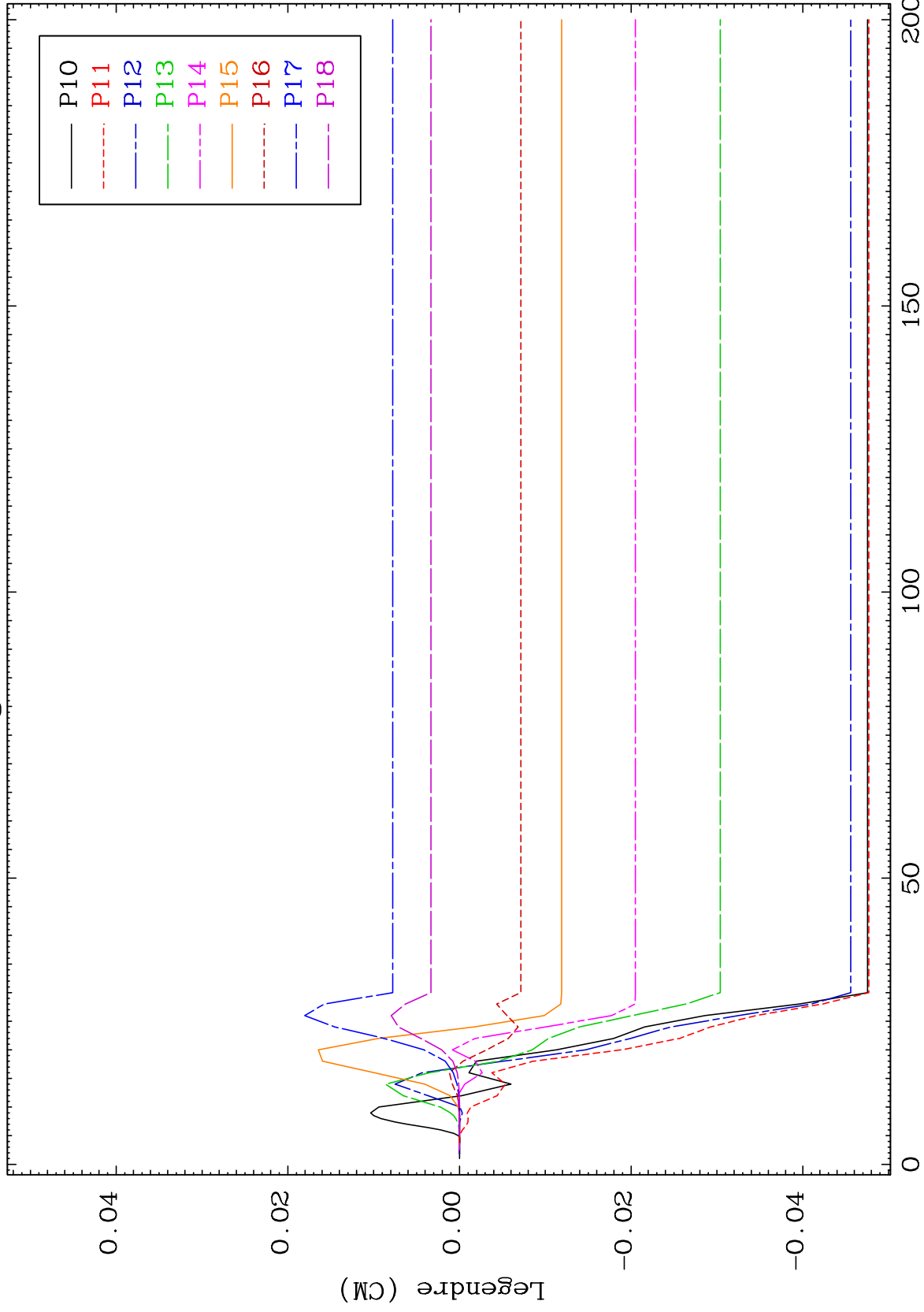
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



69

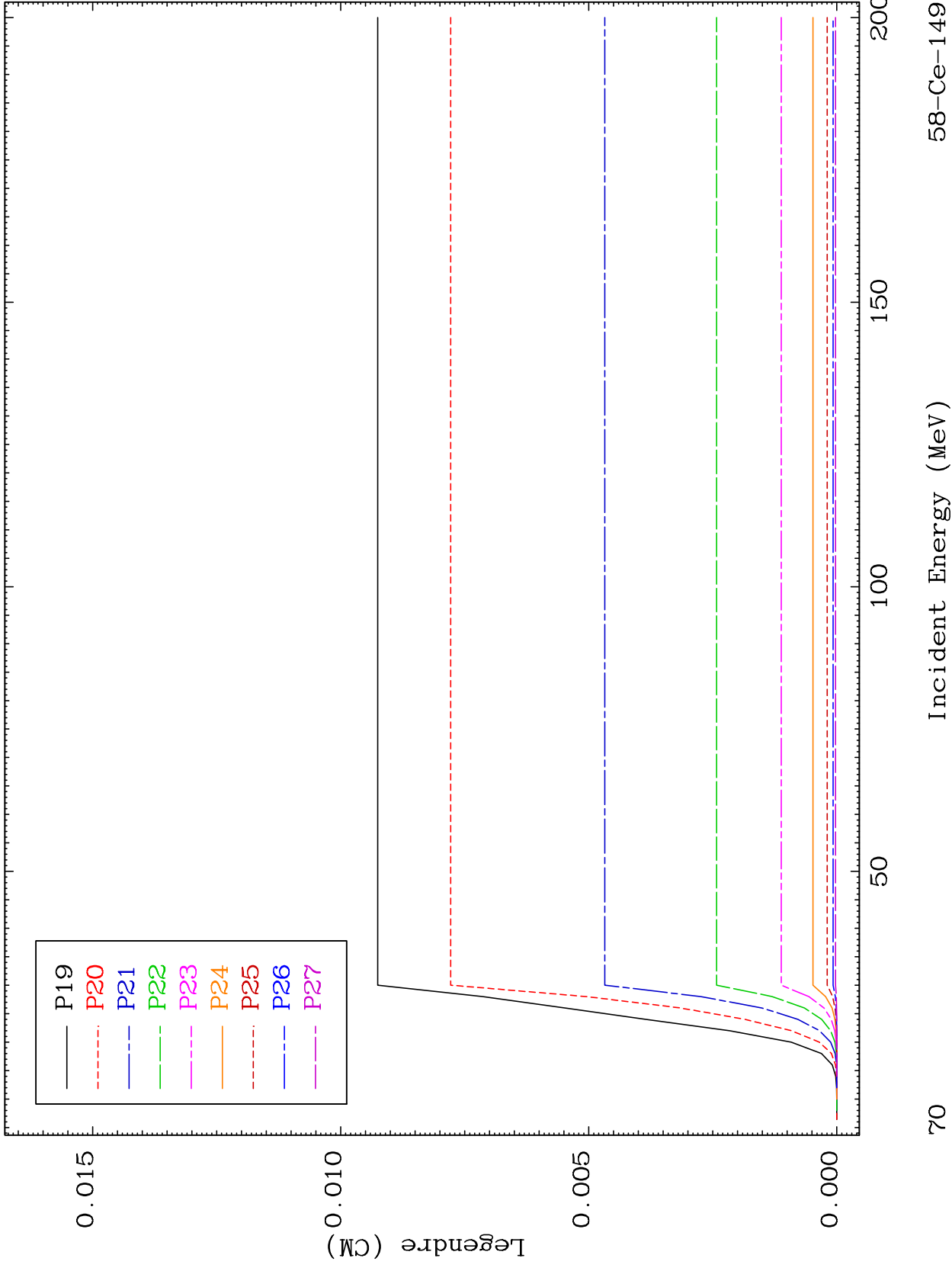
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



70

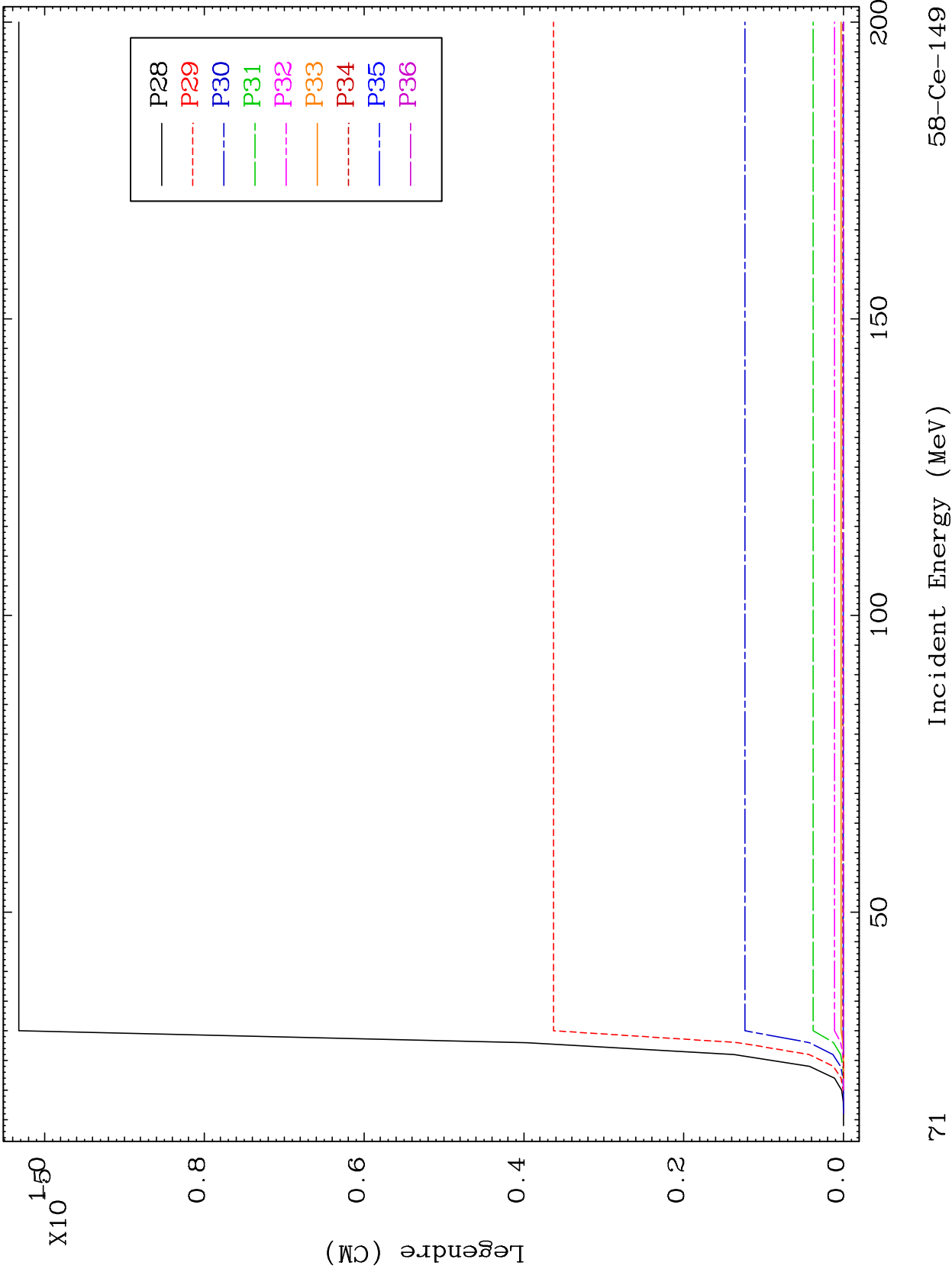
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149

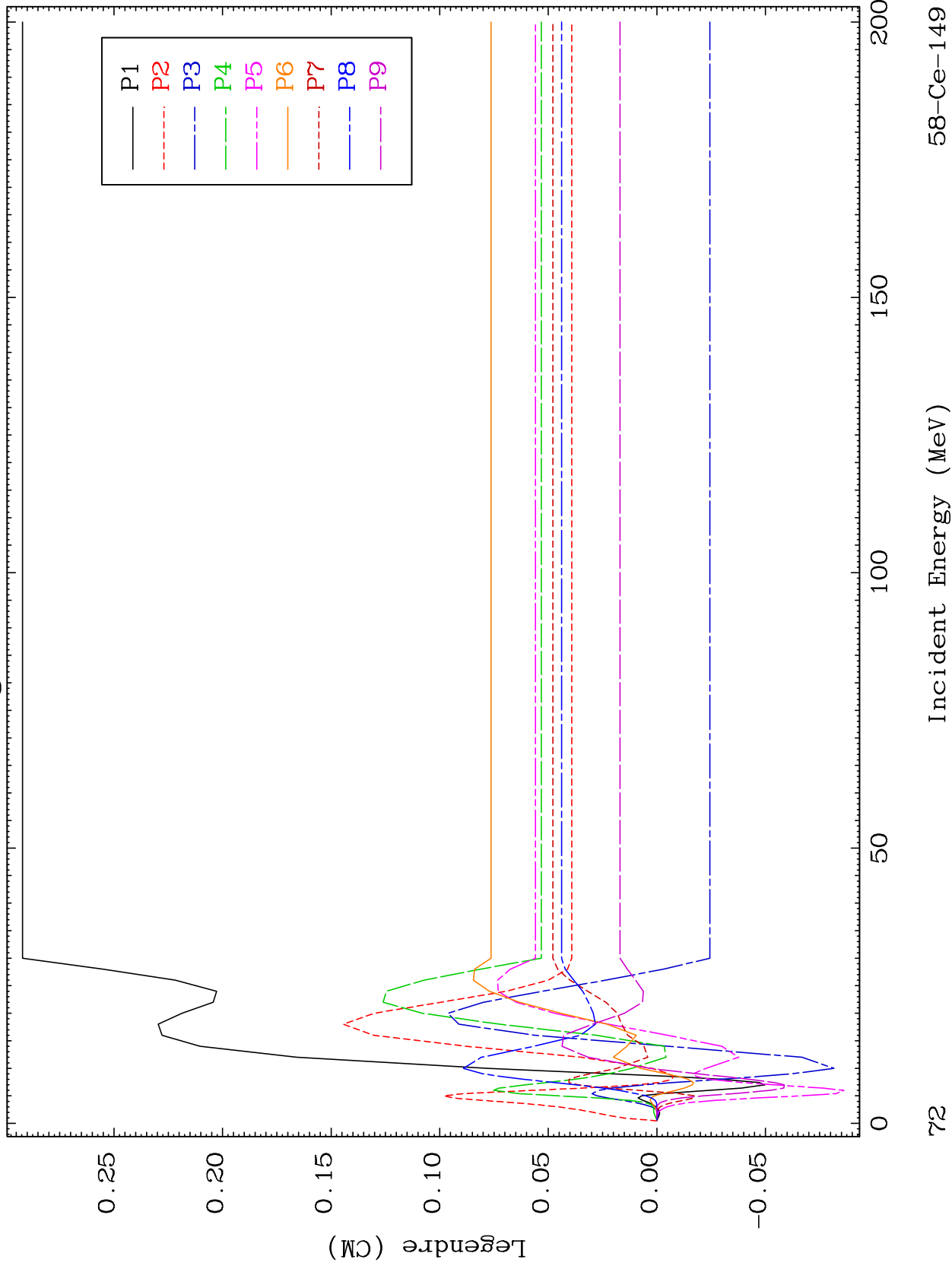


71

MAT 5864

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

58-Ce-149



58-Ce-149

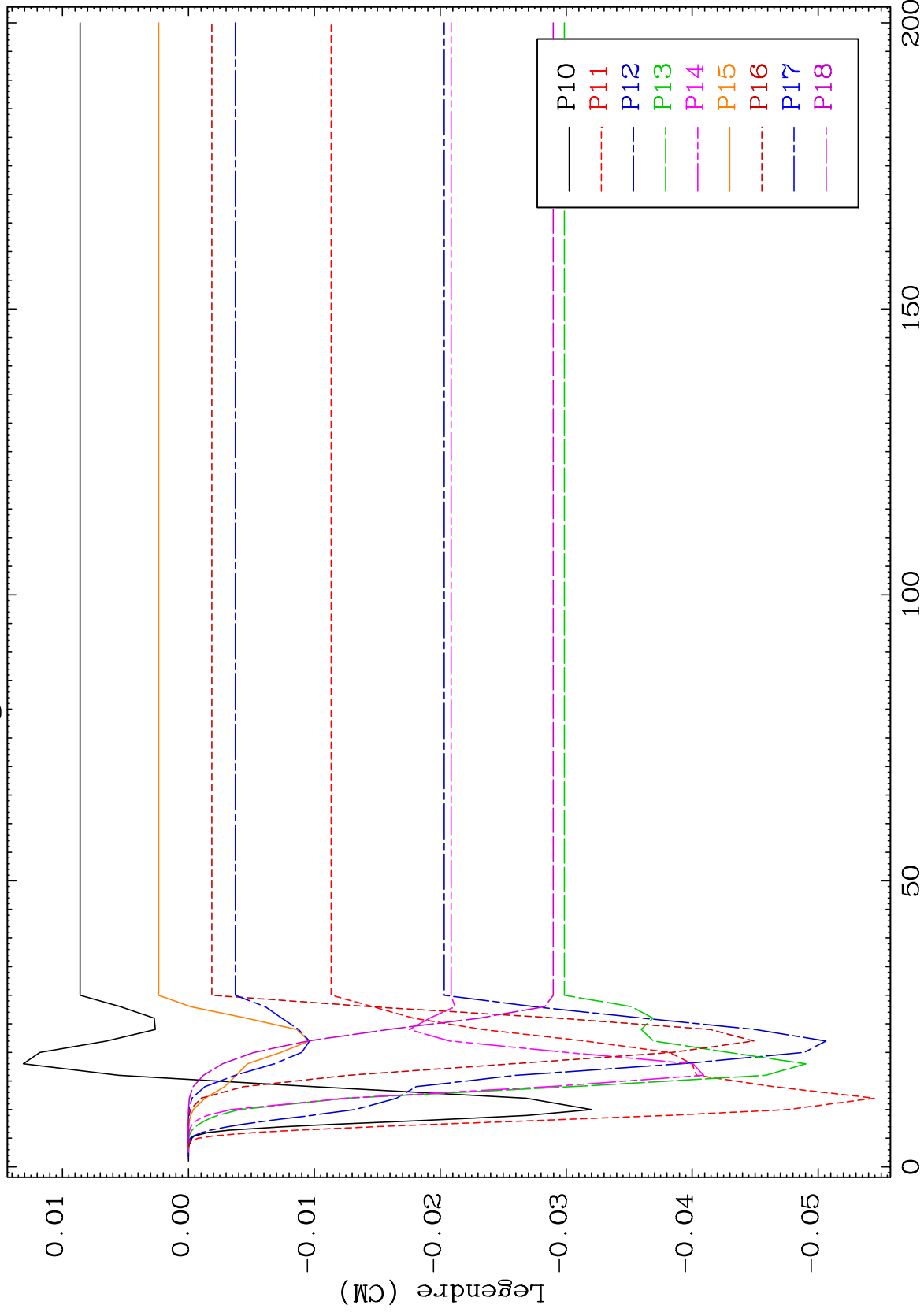
Incident Energy (MeV)

72

MAT 5864

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

58-Ce-149



73

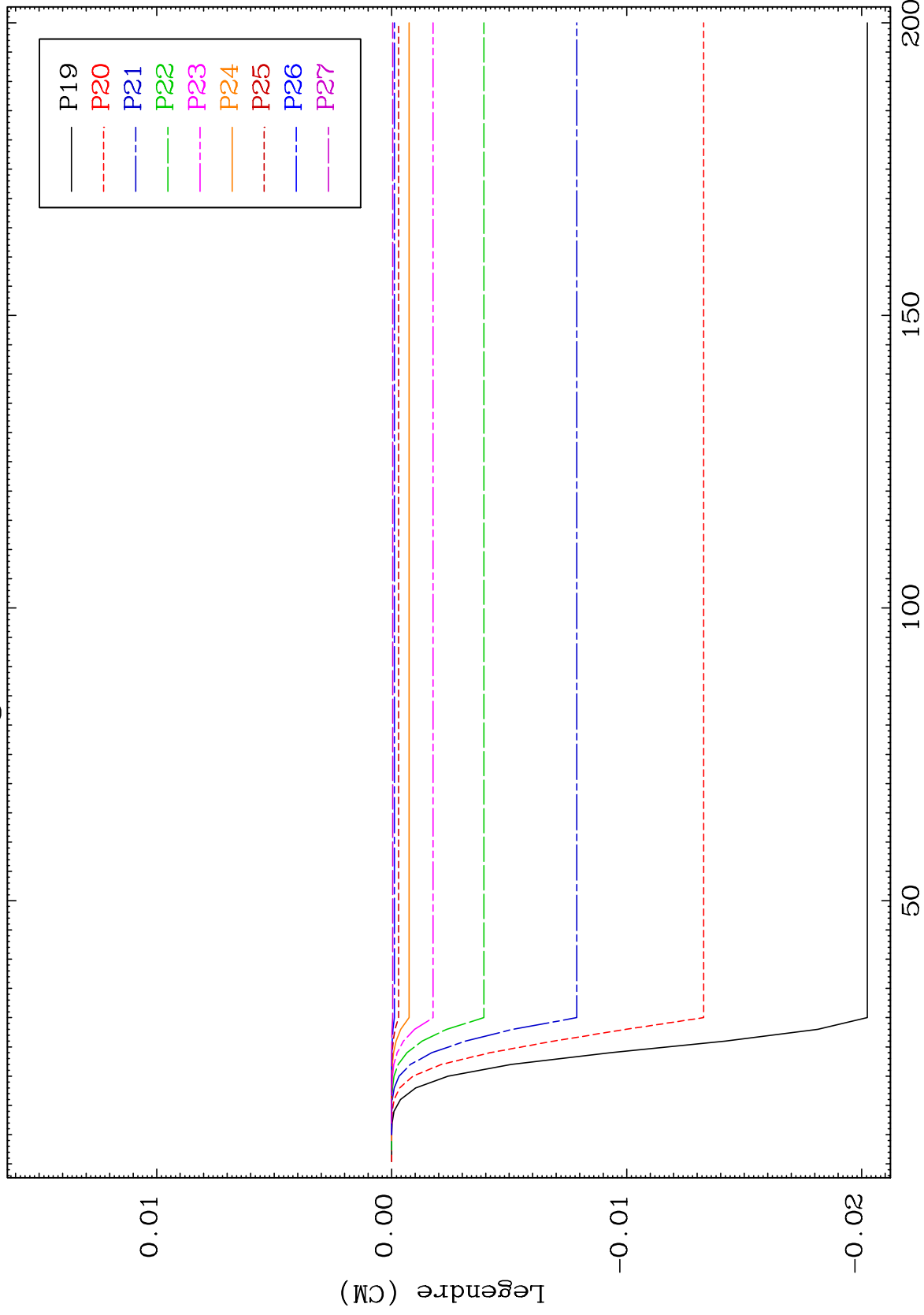
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

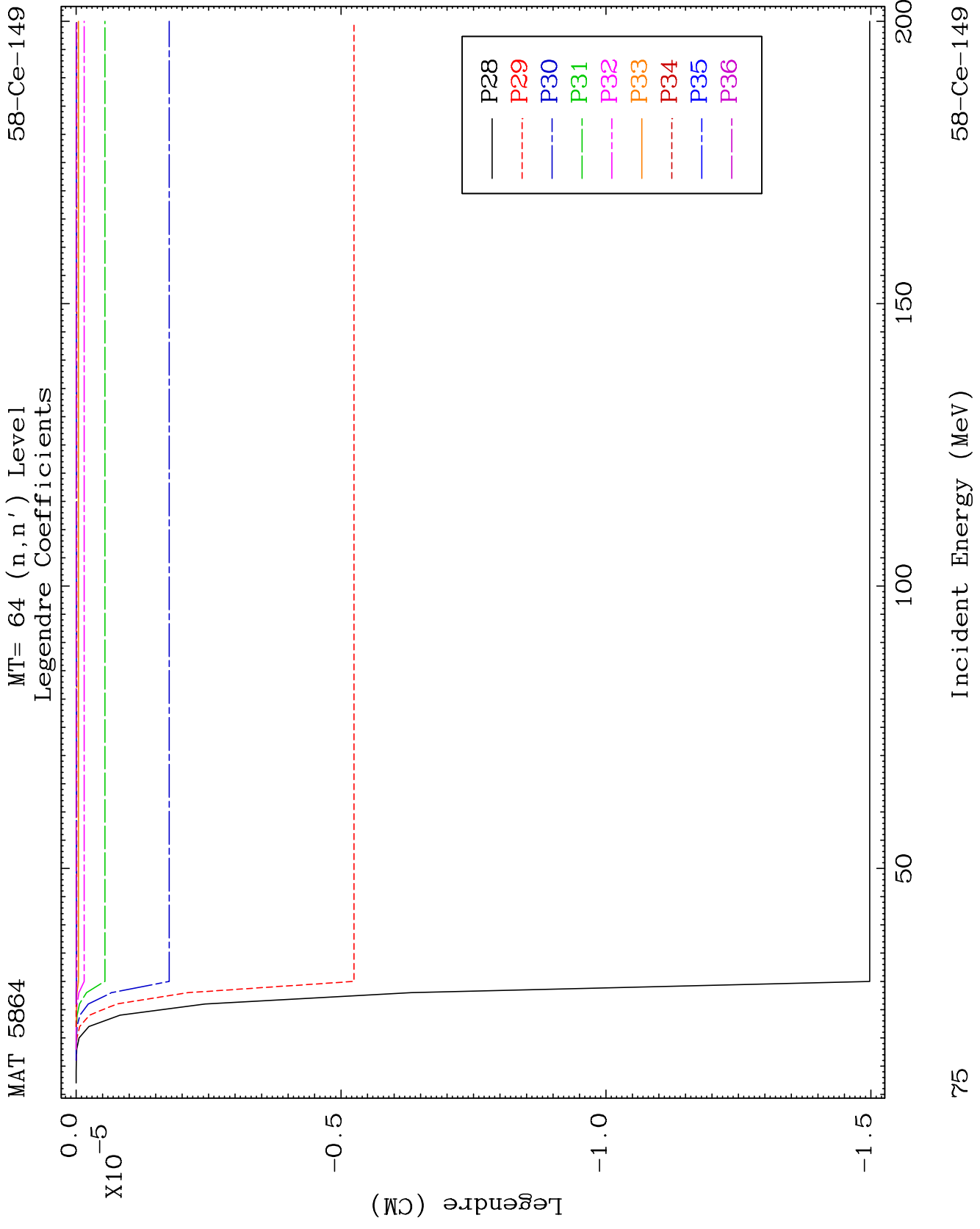
58-Ce-149



74

Incident Energy (MeV)

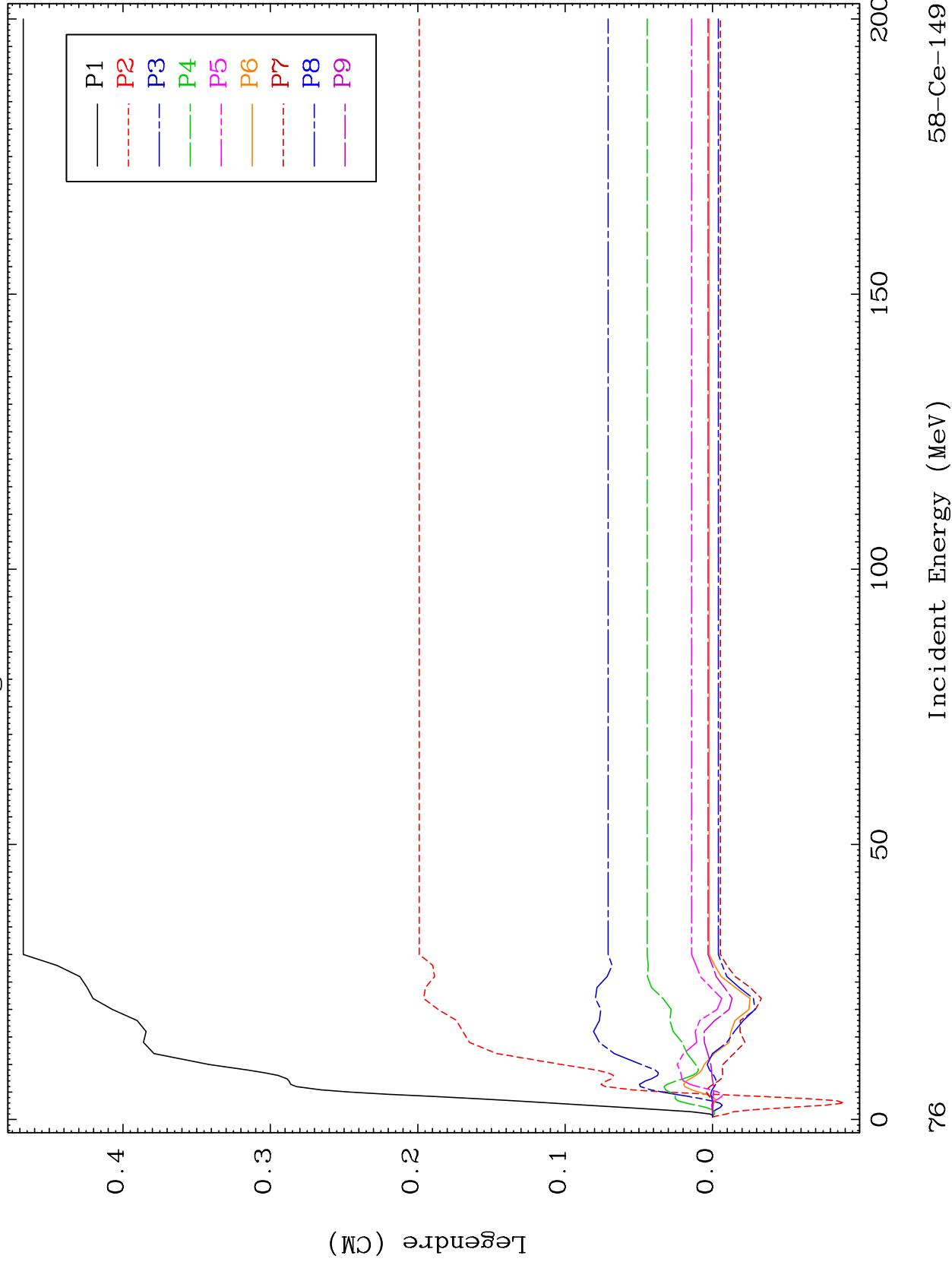
58-Ce-149



MAT 5864

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

58-Ce-149



58-Ce-149

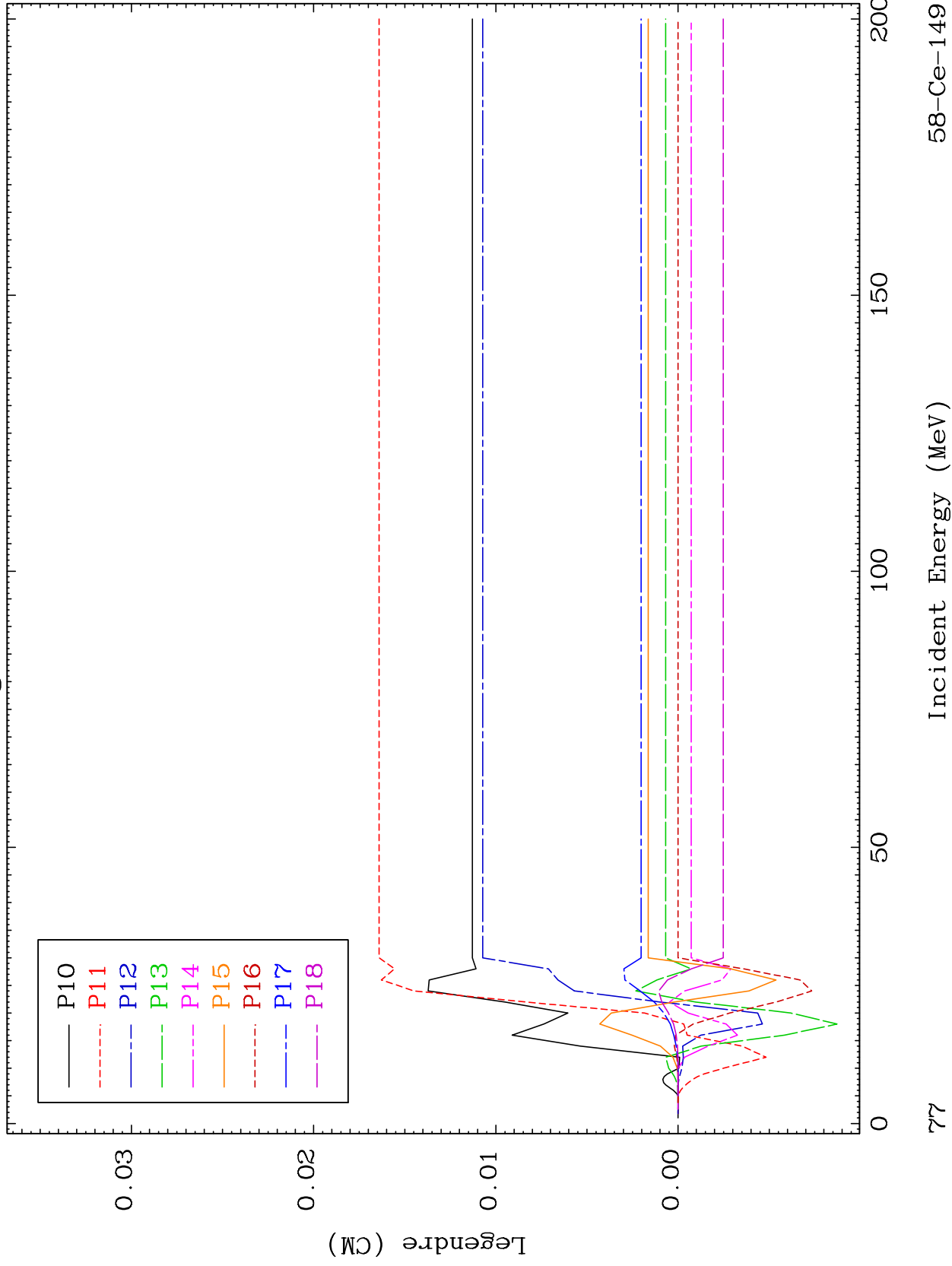
Incident Energy (MeV)

76

MAT 5864

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

58-Ce-149



77

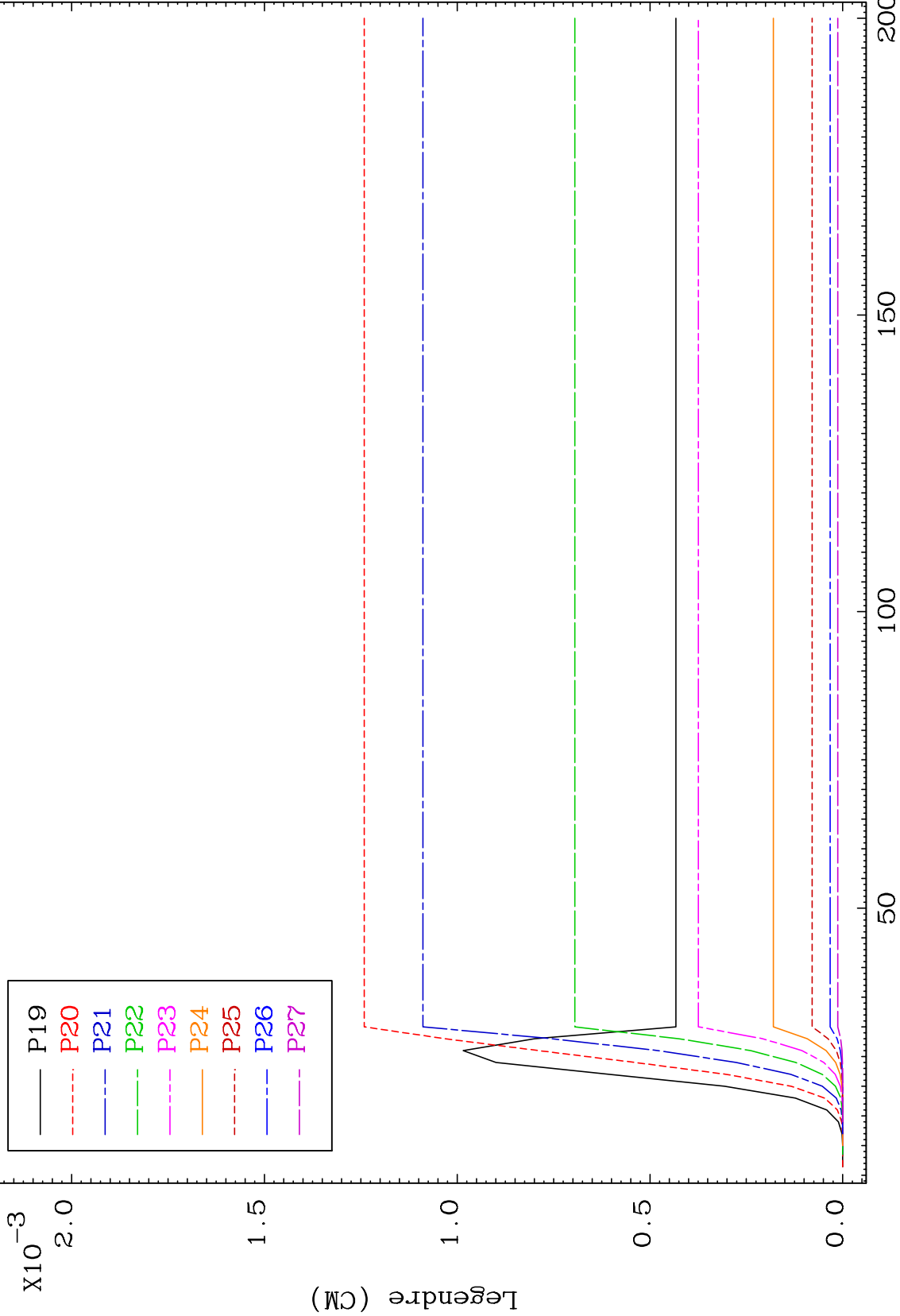
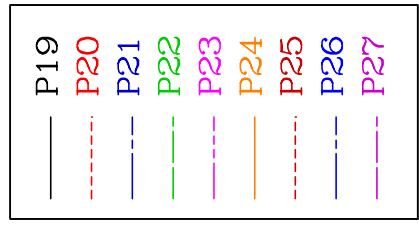
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



78

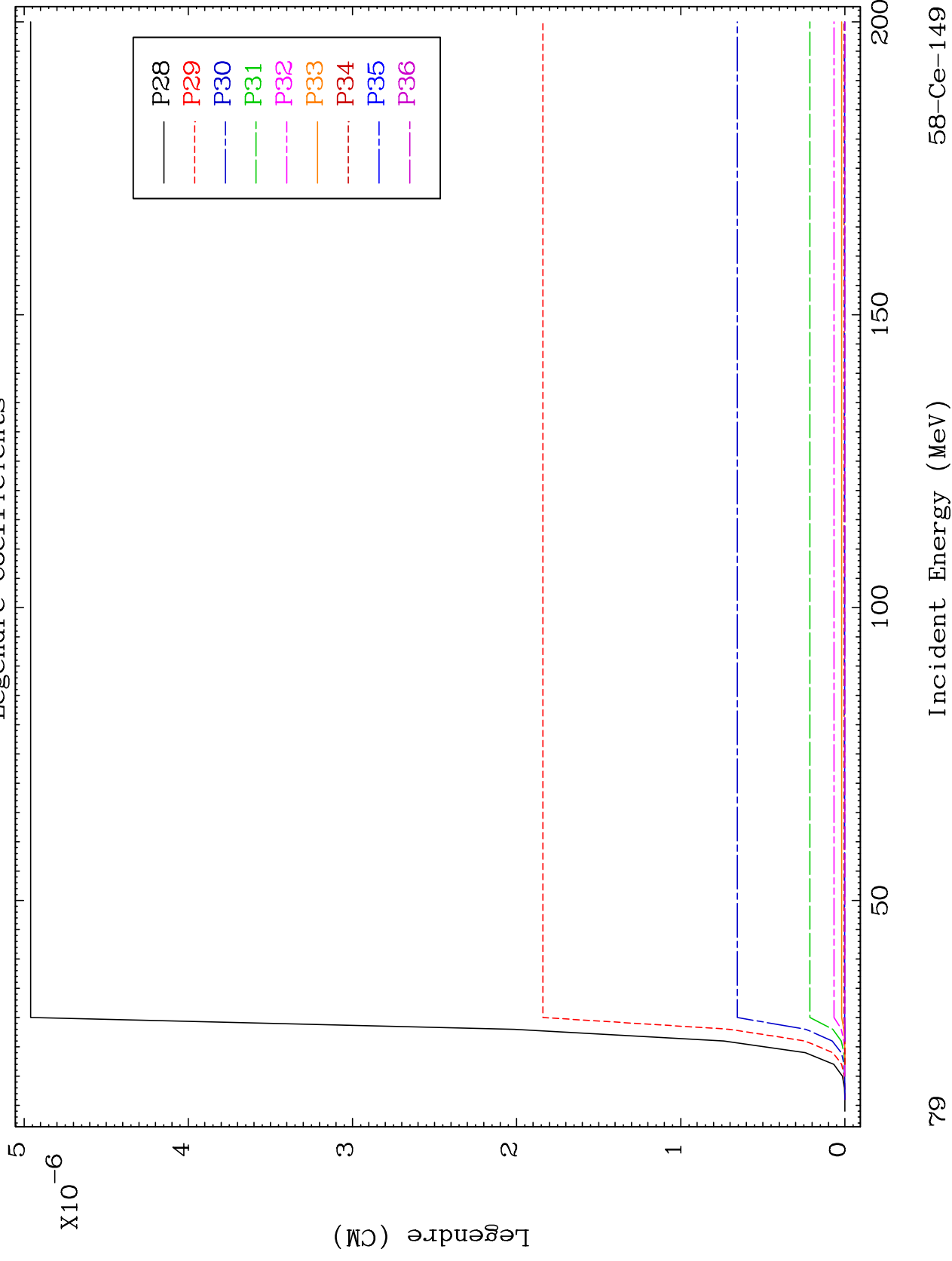
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

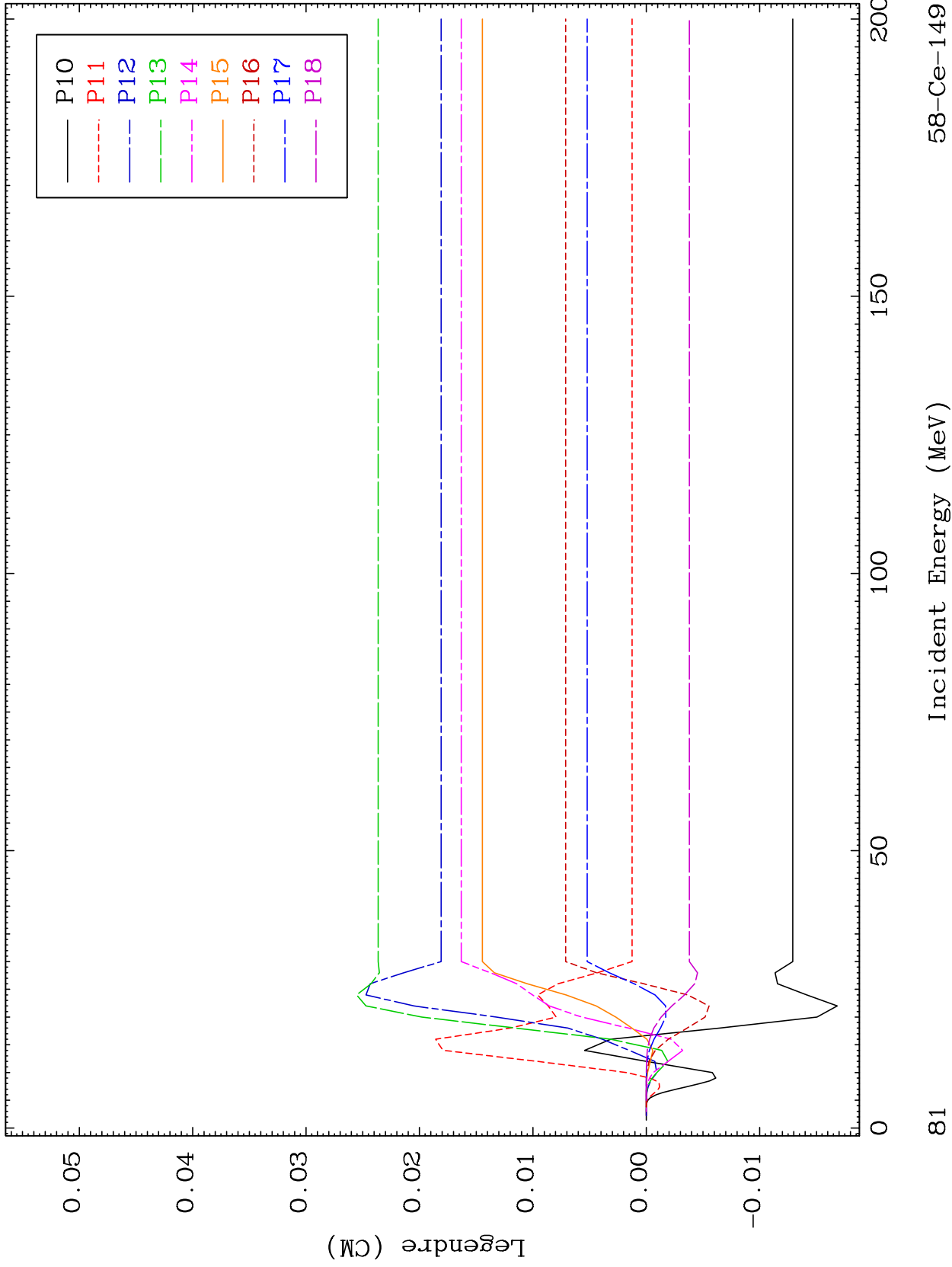
58-Ce-149



MAT 5864

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

58-Ce-149

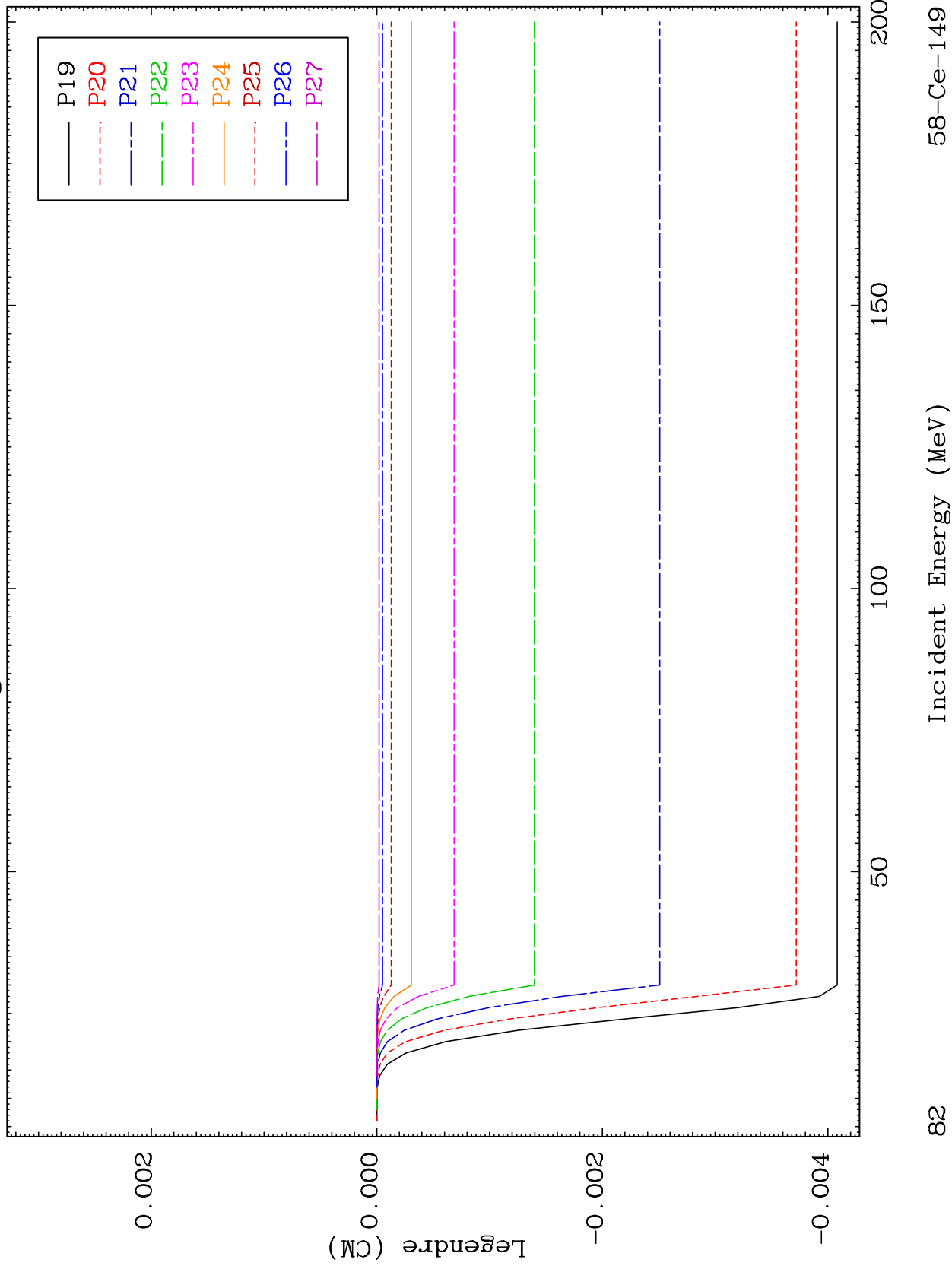


81

MAT 5864

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

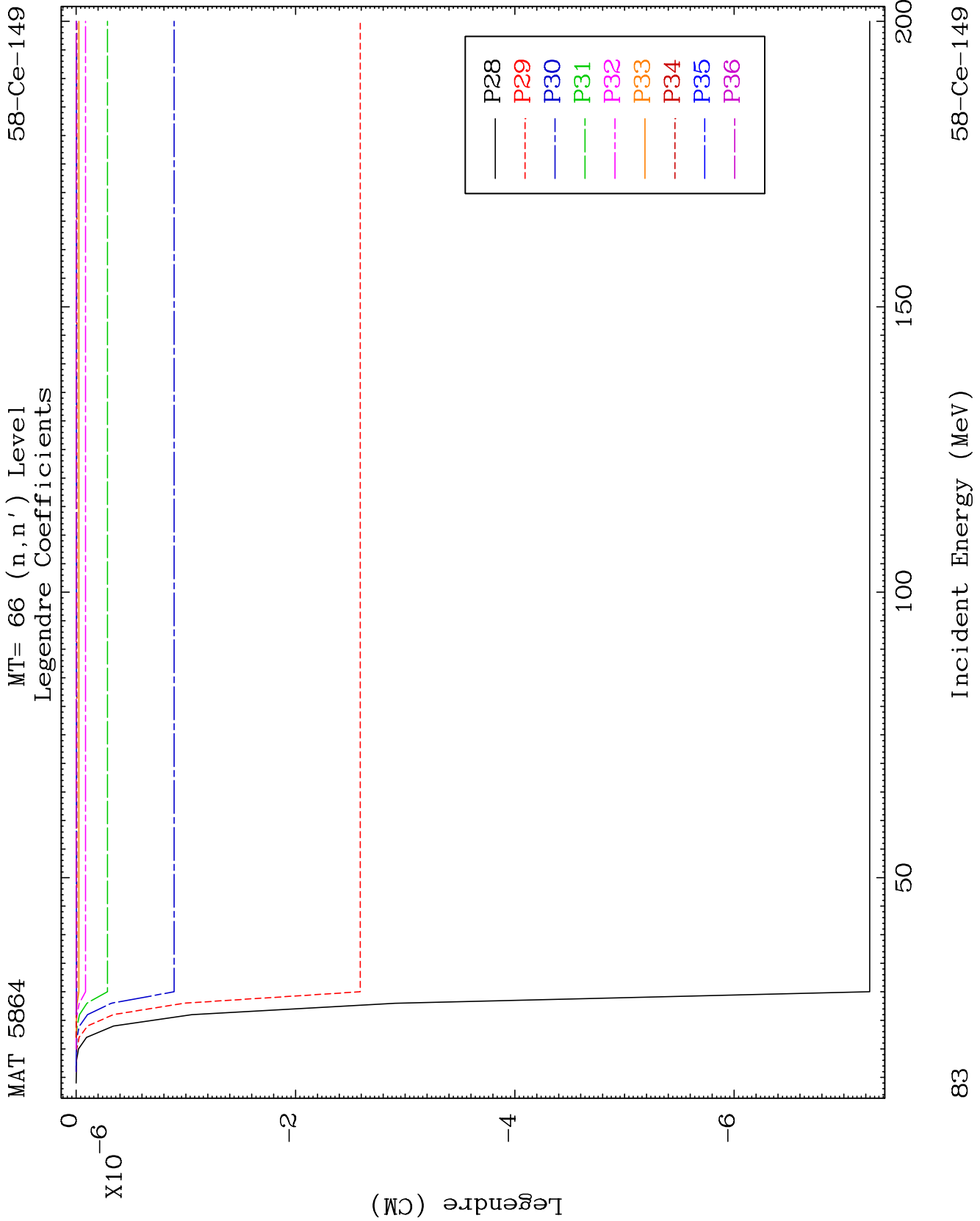
58-Ce-149



82

Incident Energy (MeV)

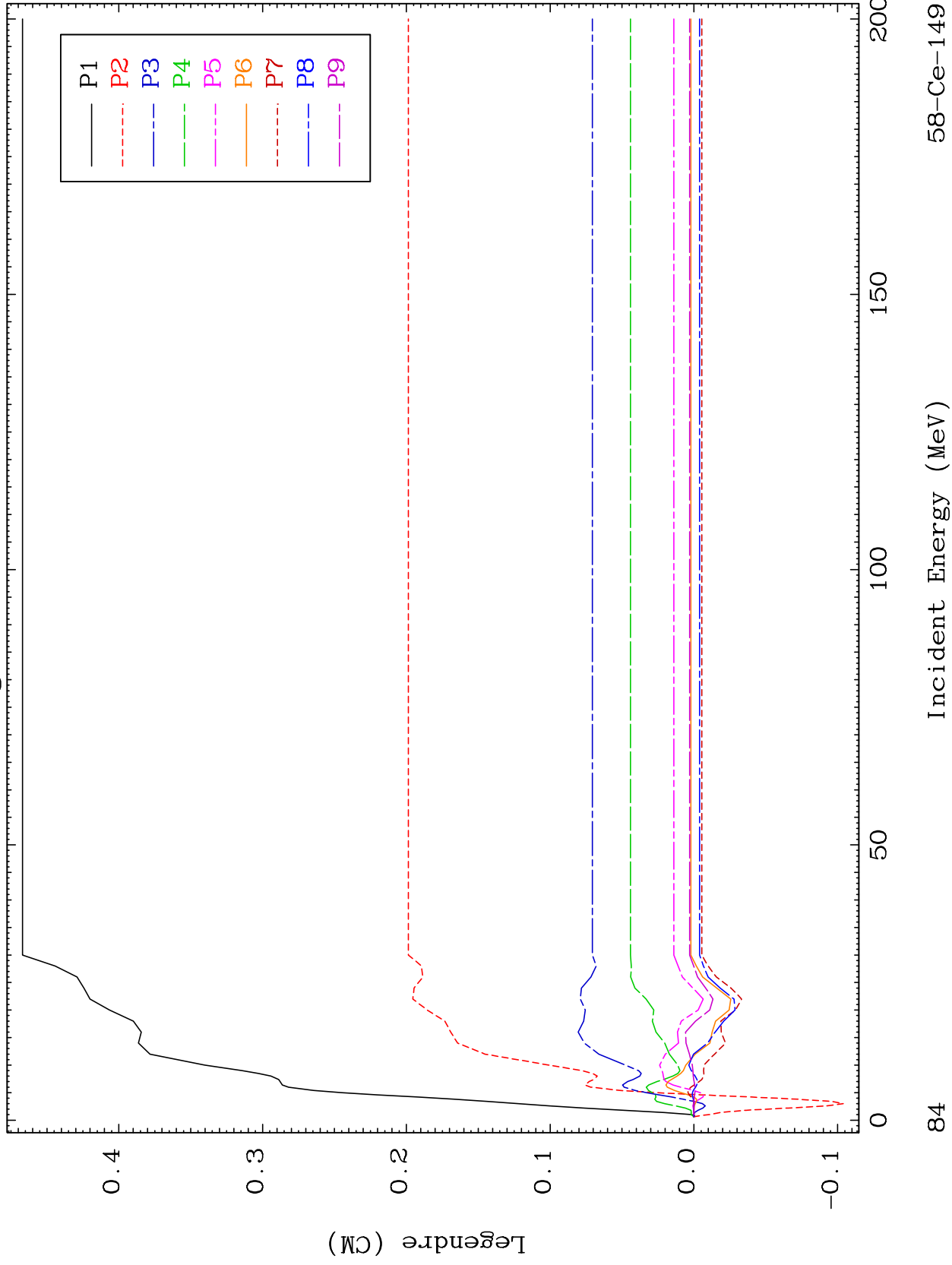
58-Ce-149



MAT 5864

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

58-Ce-149



58-Ce-149

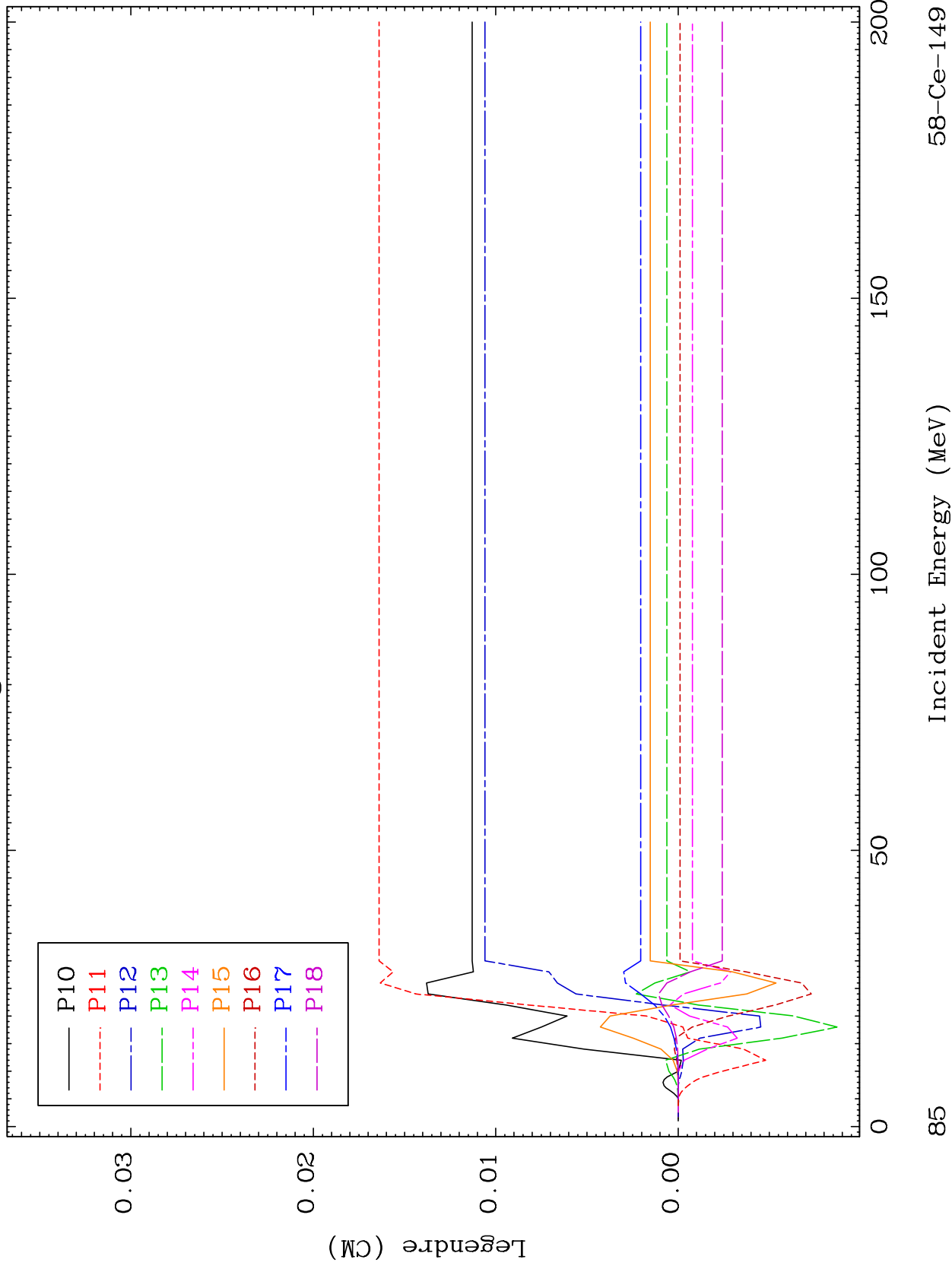
Incident Energy (MeV)

84

MAT 5864

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

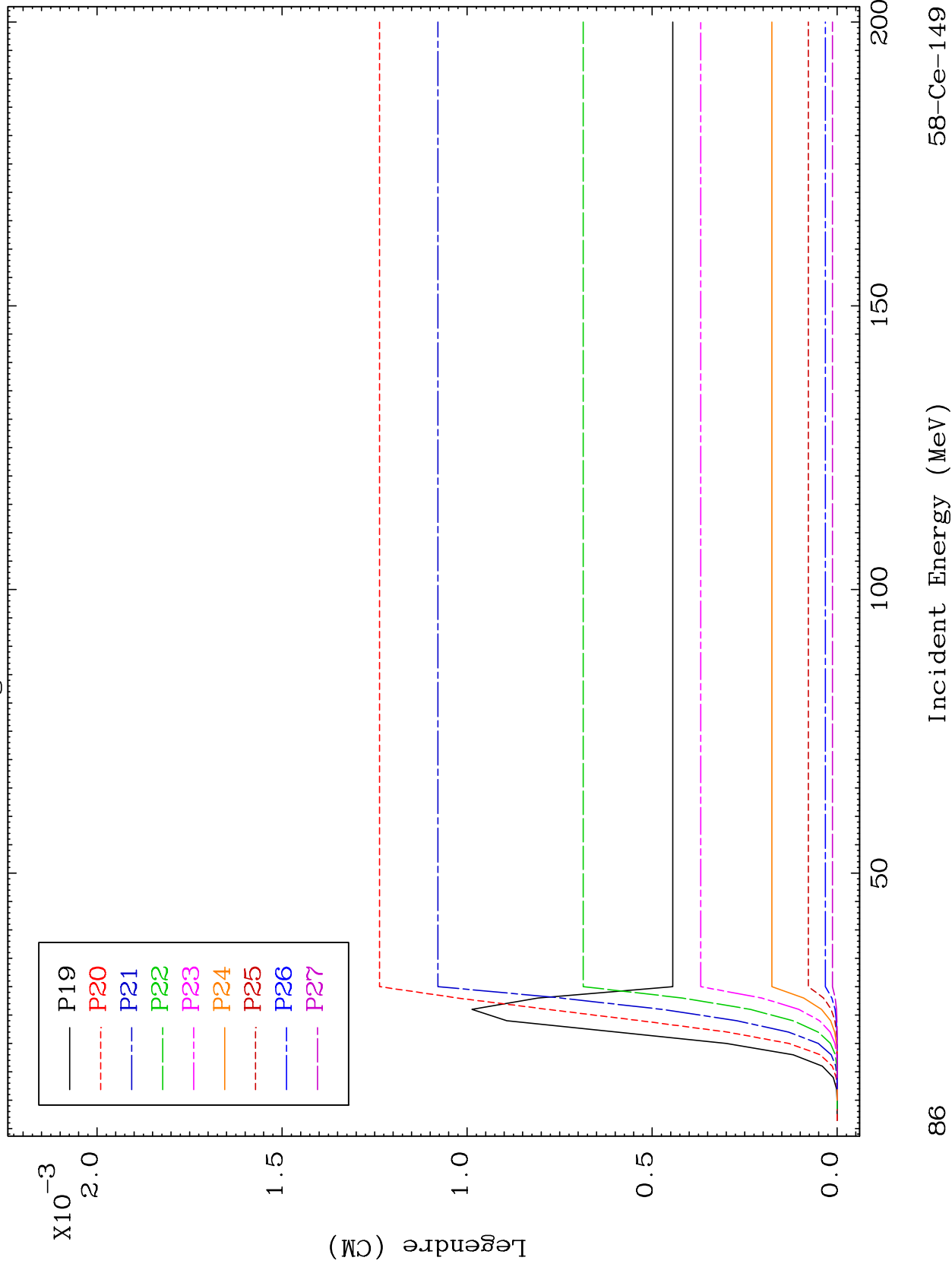
58-Ce-149



58-Ce-149

Incident Energy (MeV)

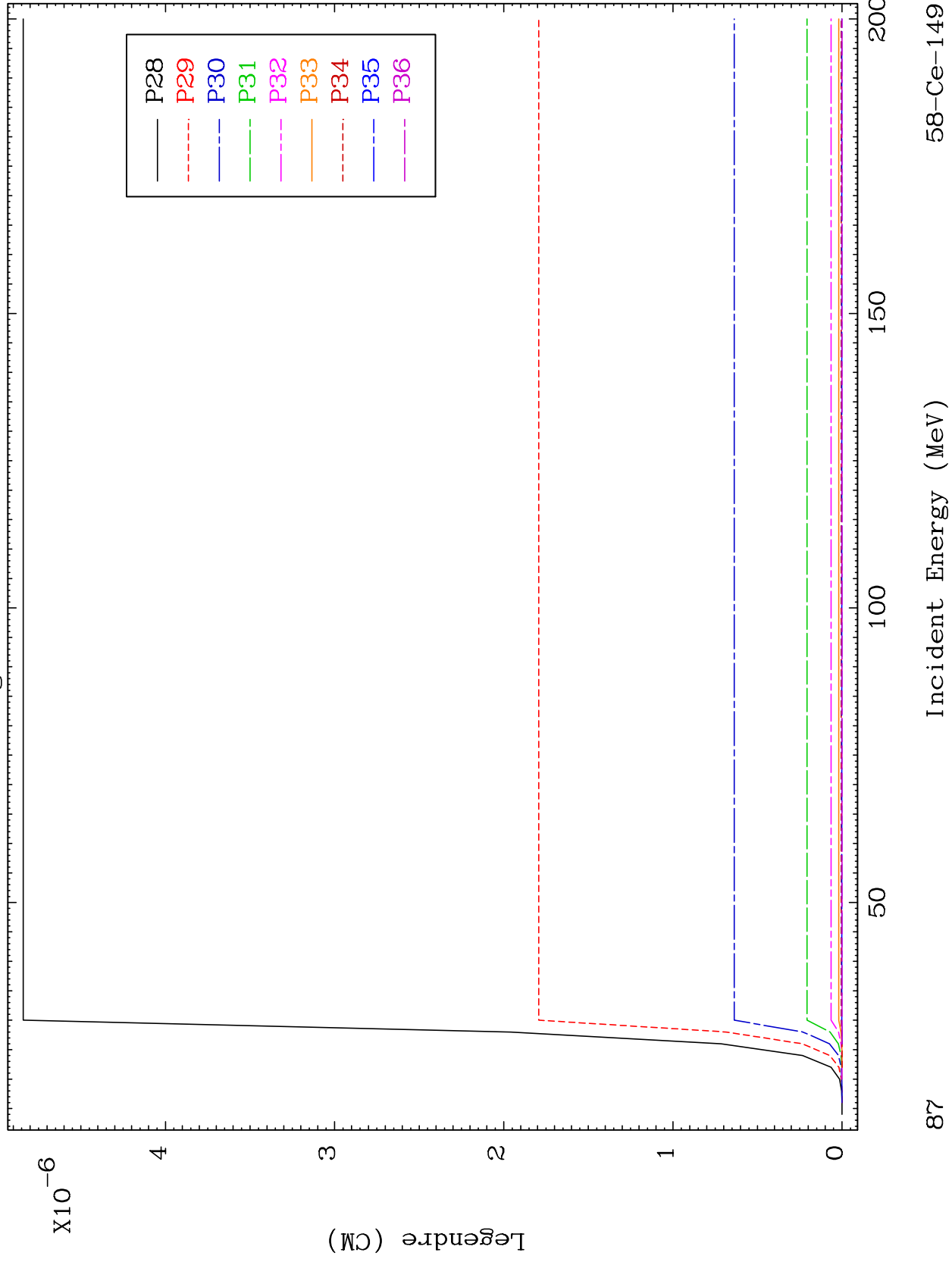
85



MAT 5864

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

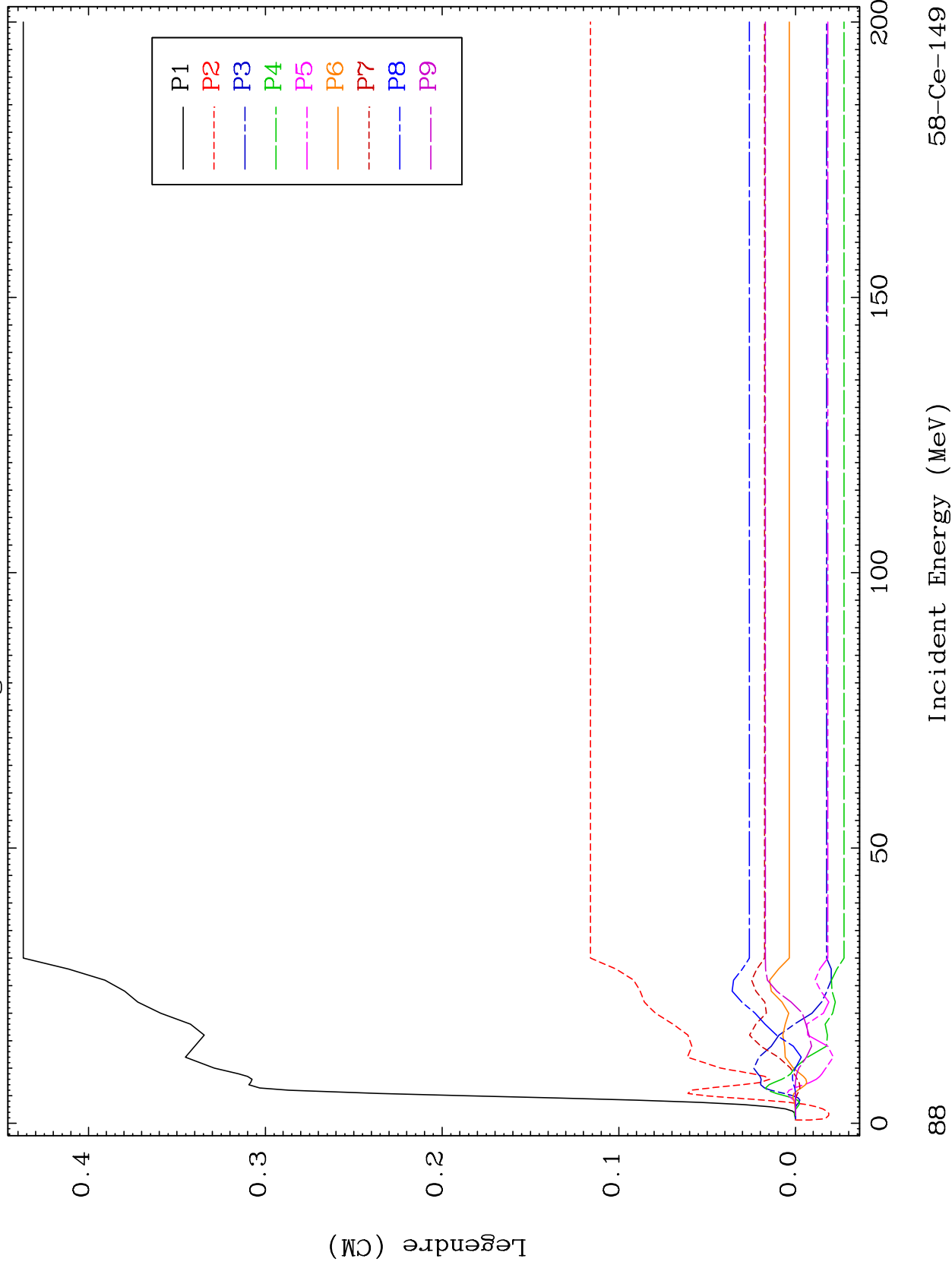
58-Ce-149



MAT 5864

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

58-Ce-149



58-Ce-149

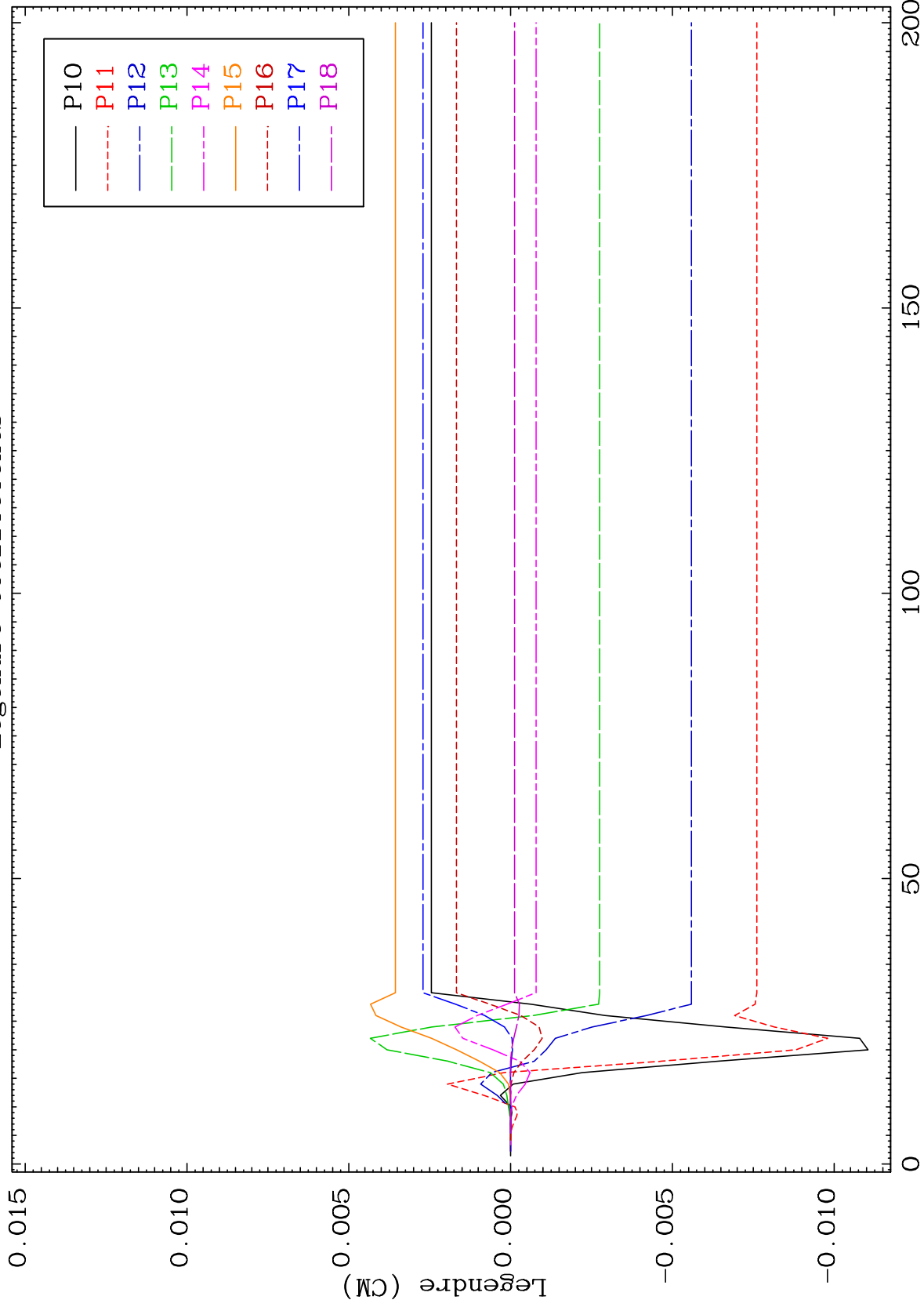
Incident Energy (MeV)

88

MAT 5864

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

58-Ce-149



89

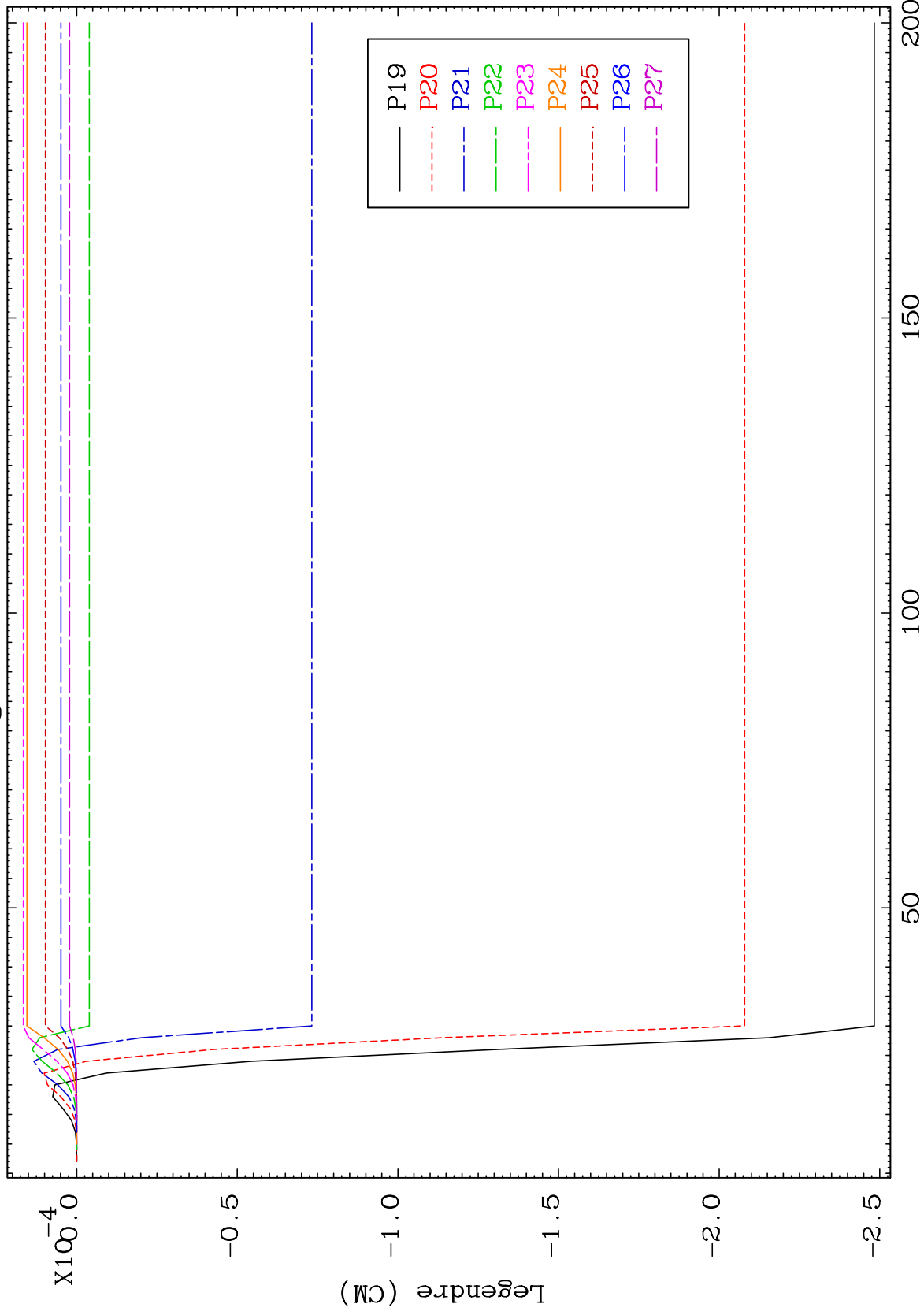
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



90

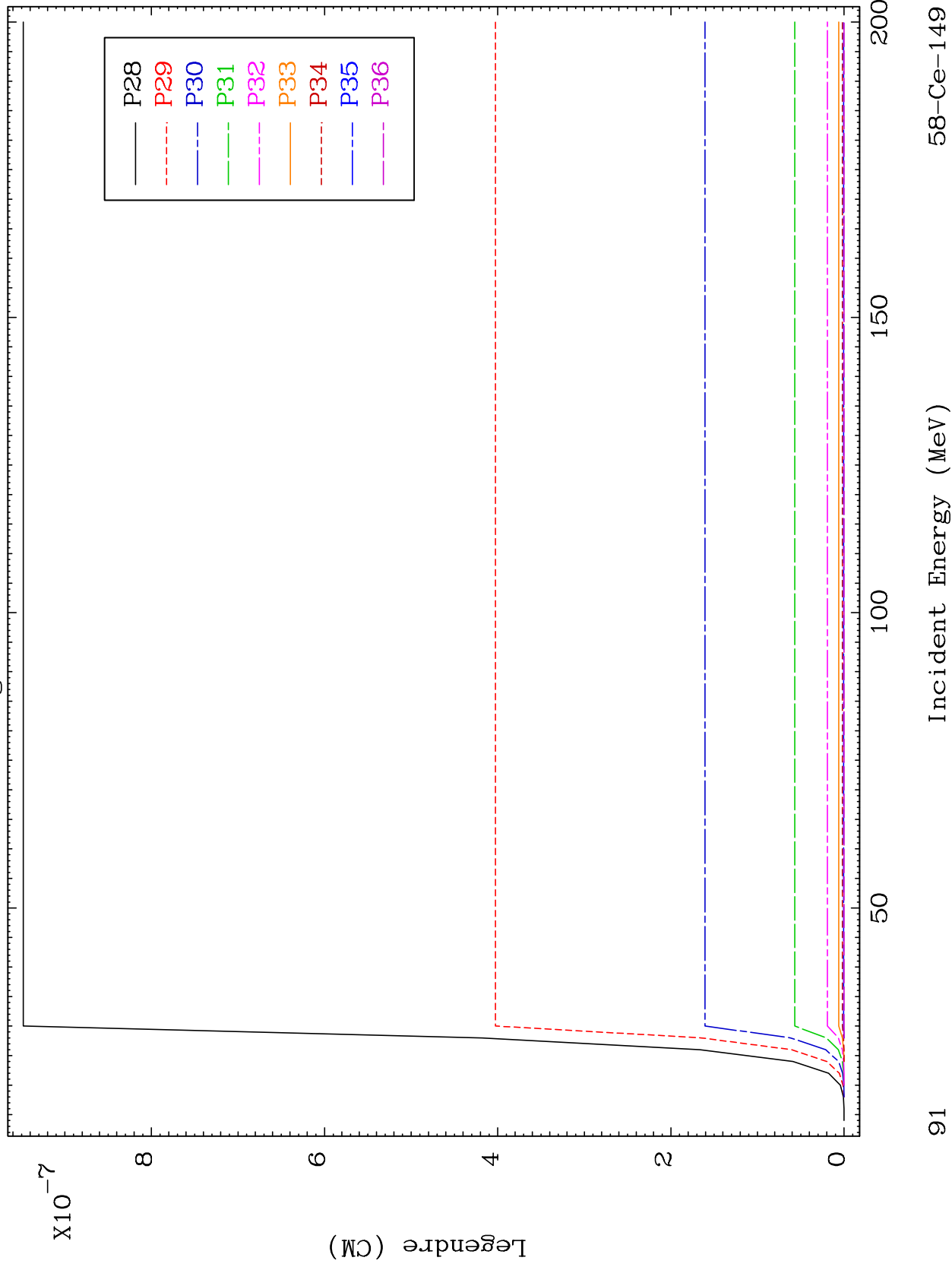
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

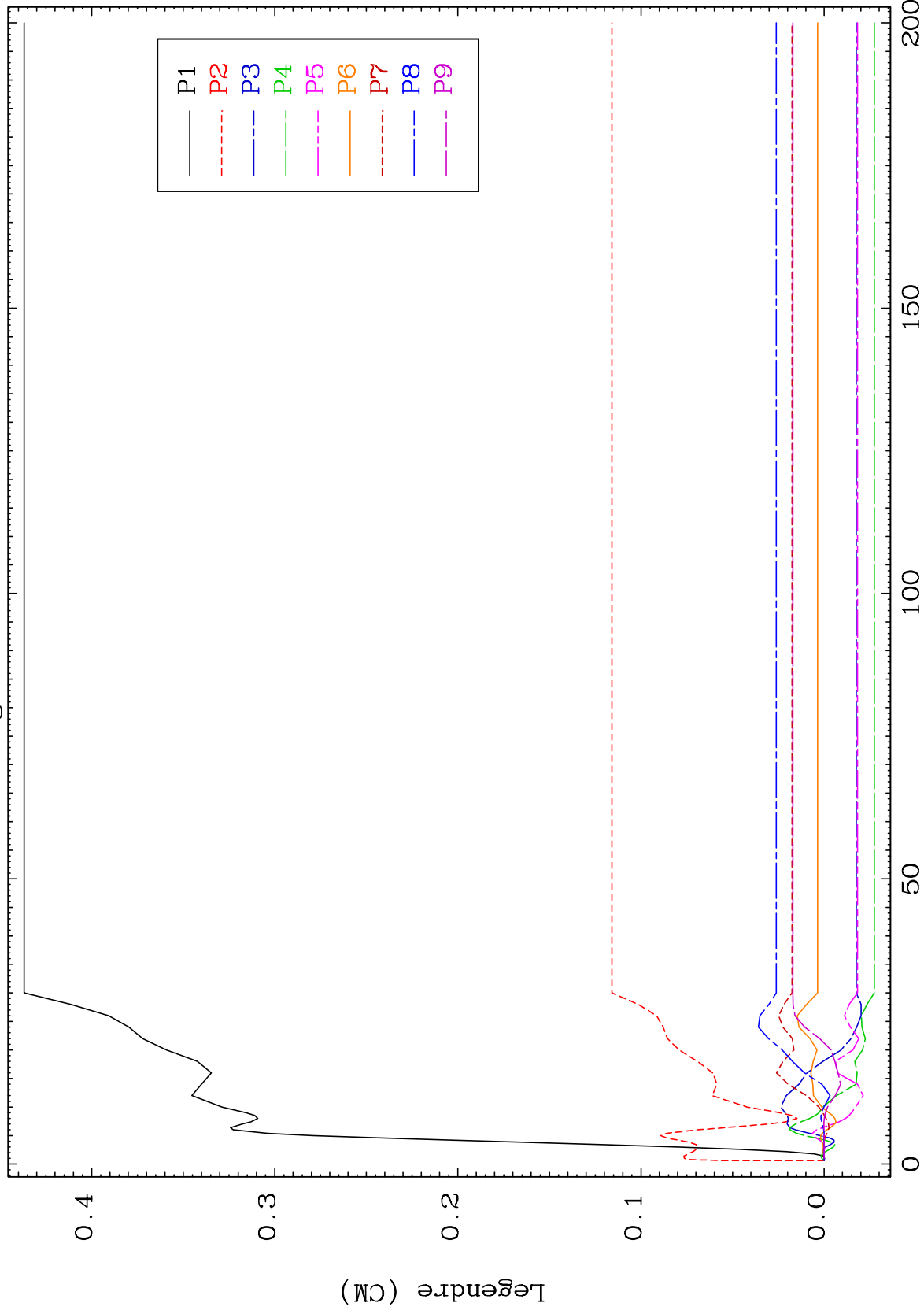
58-Ce-149



MAT 5864

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

58-Ce-149



92

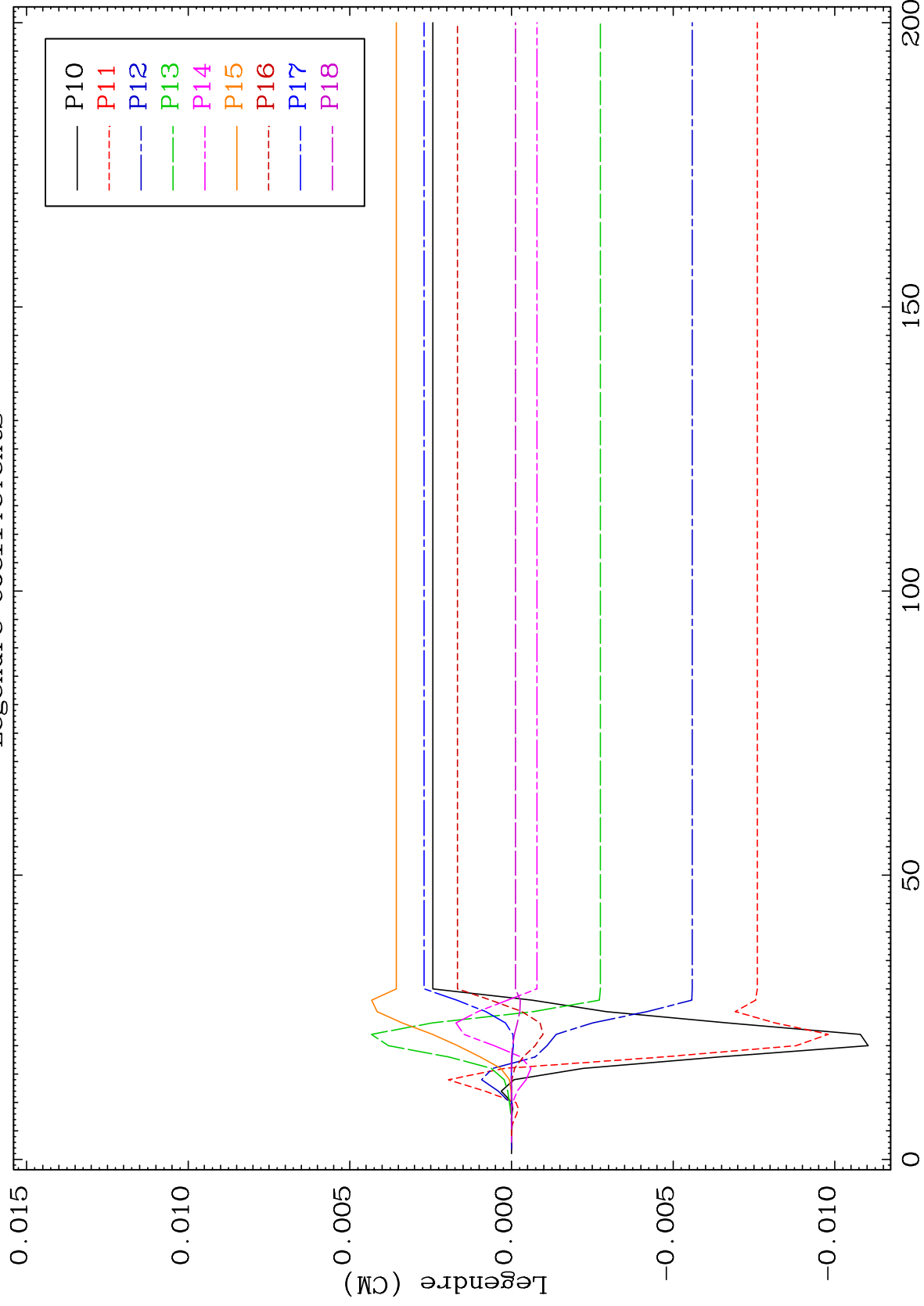
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



93

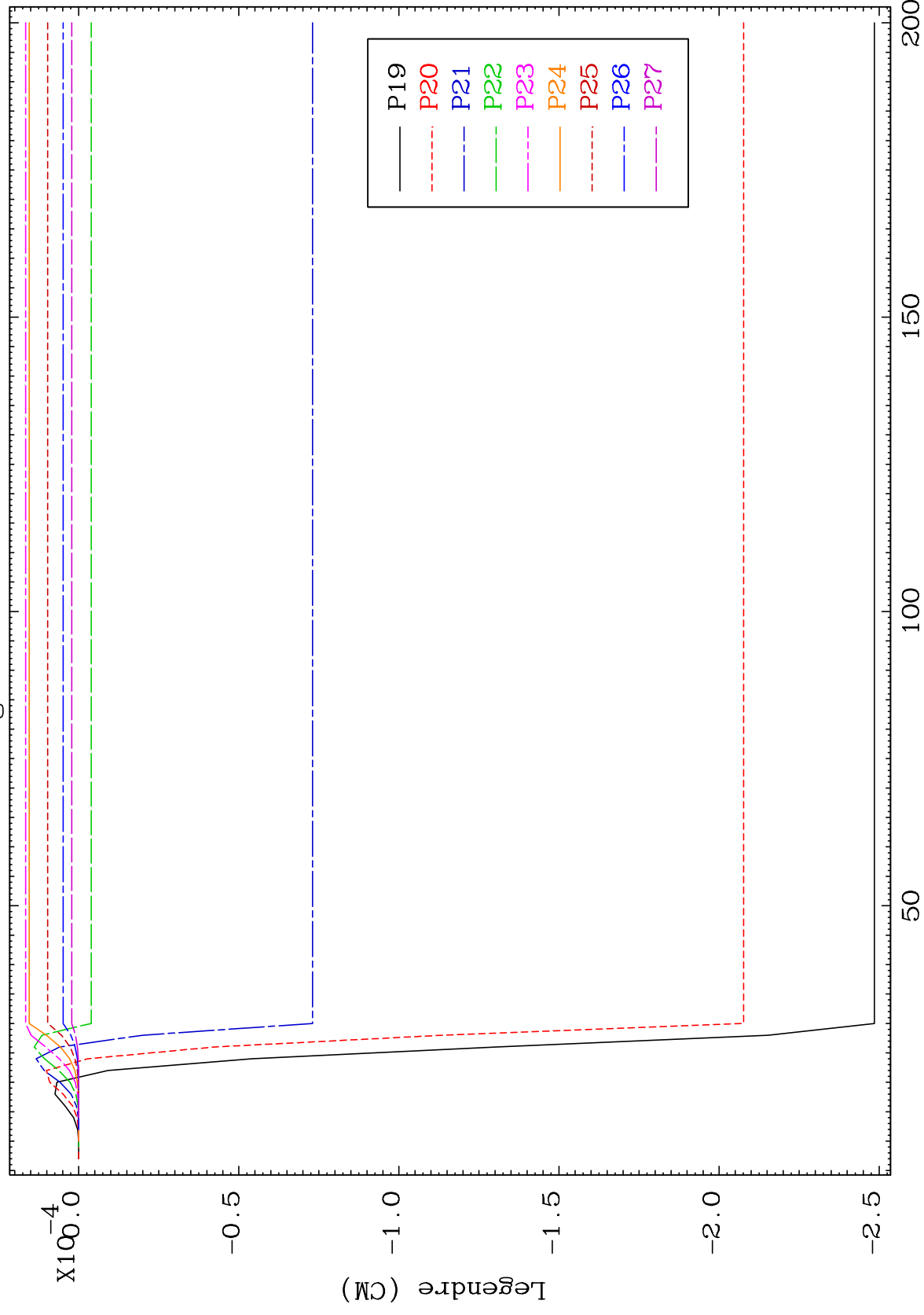
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



94

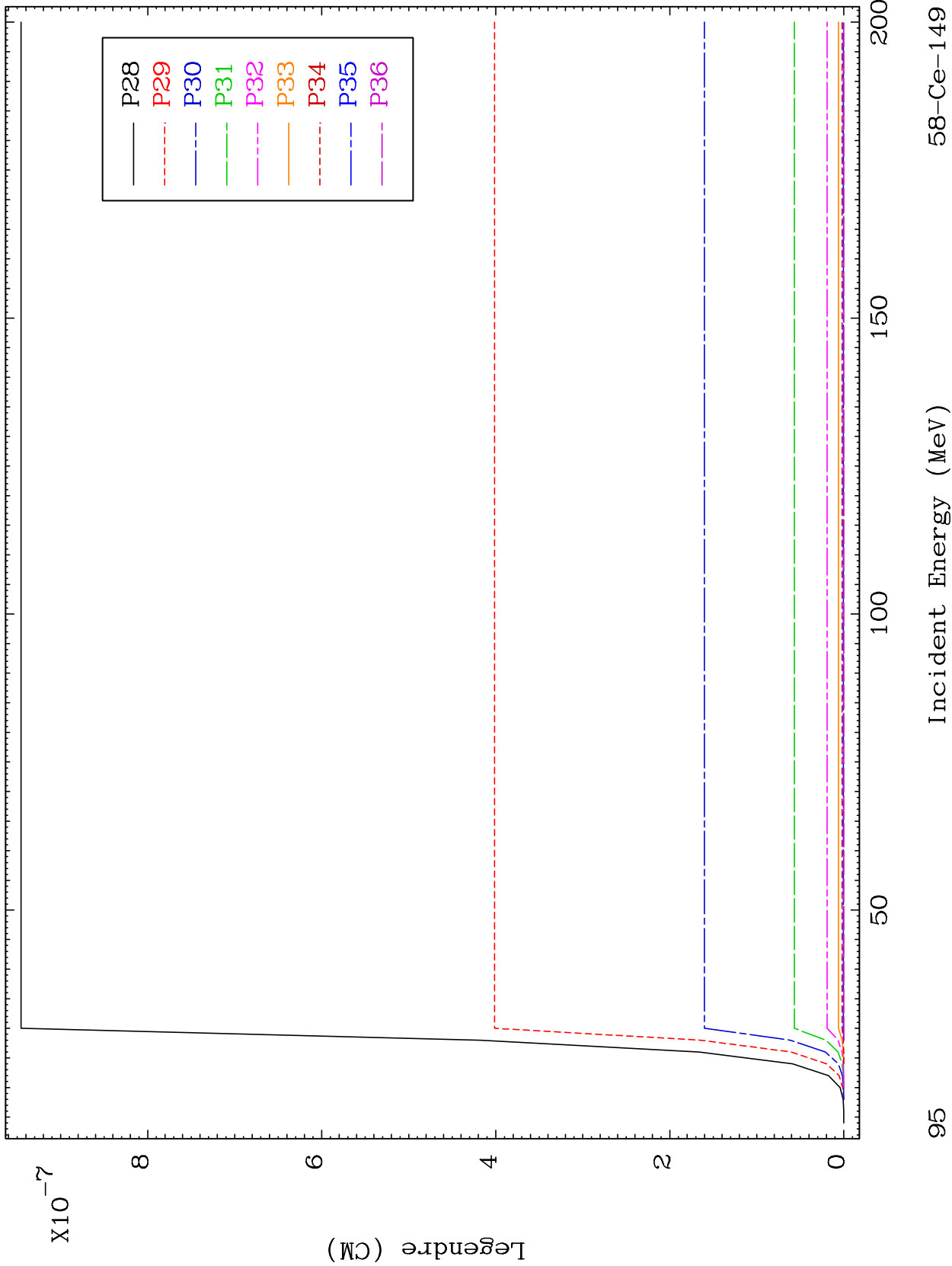
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



95

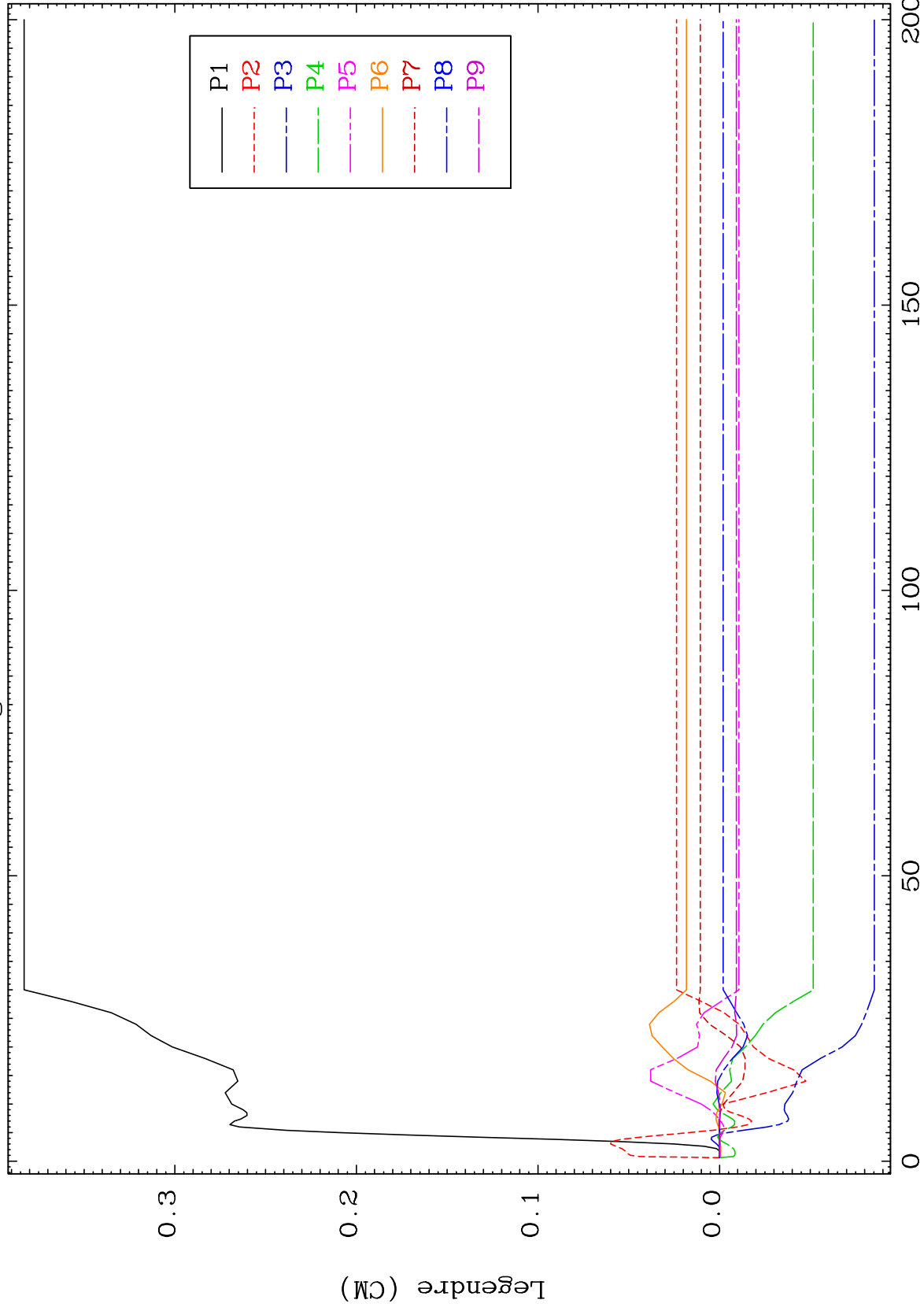
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



96

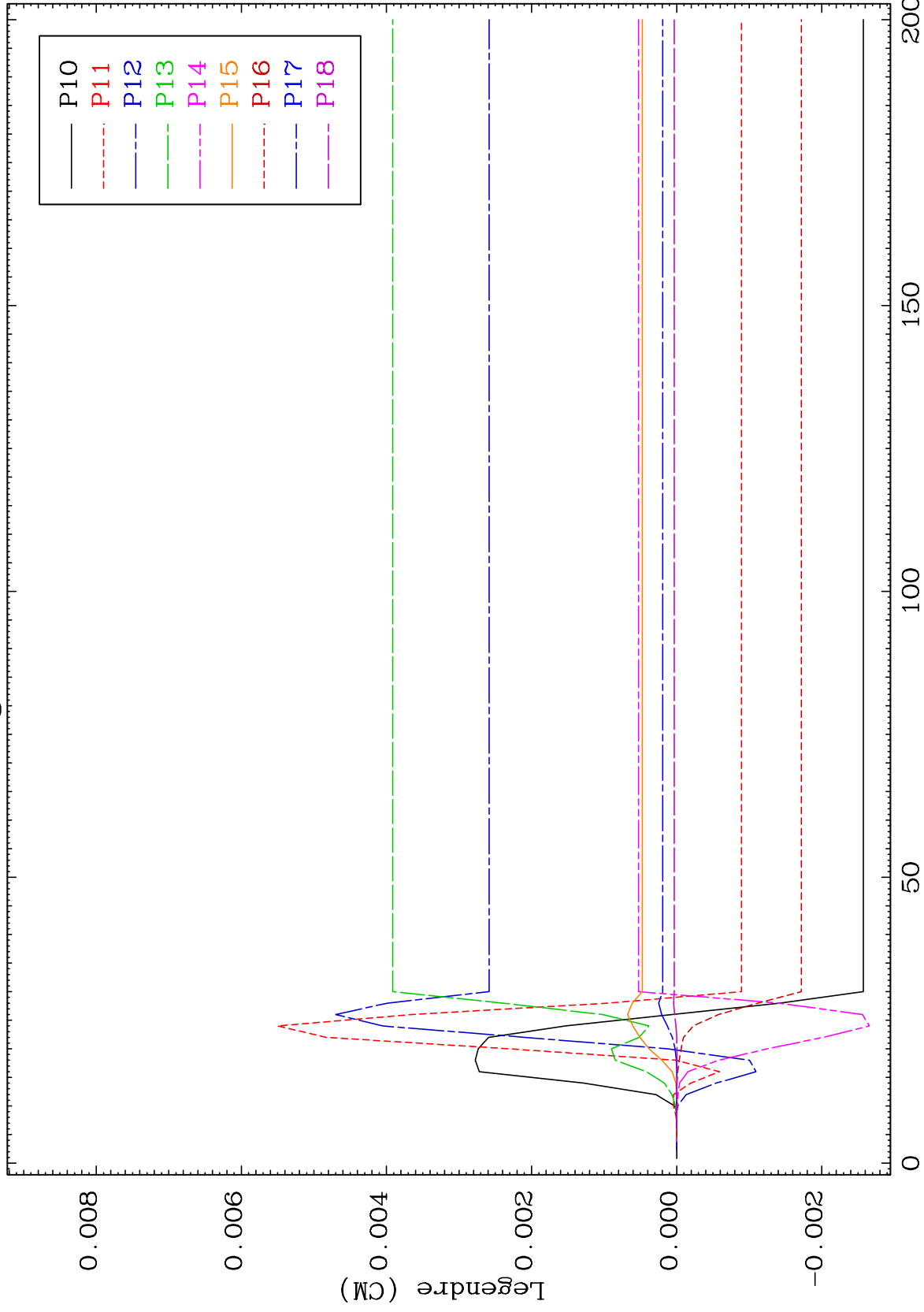
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



97

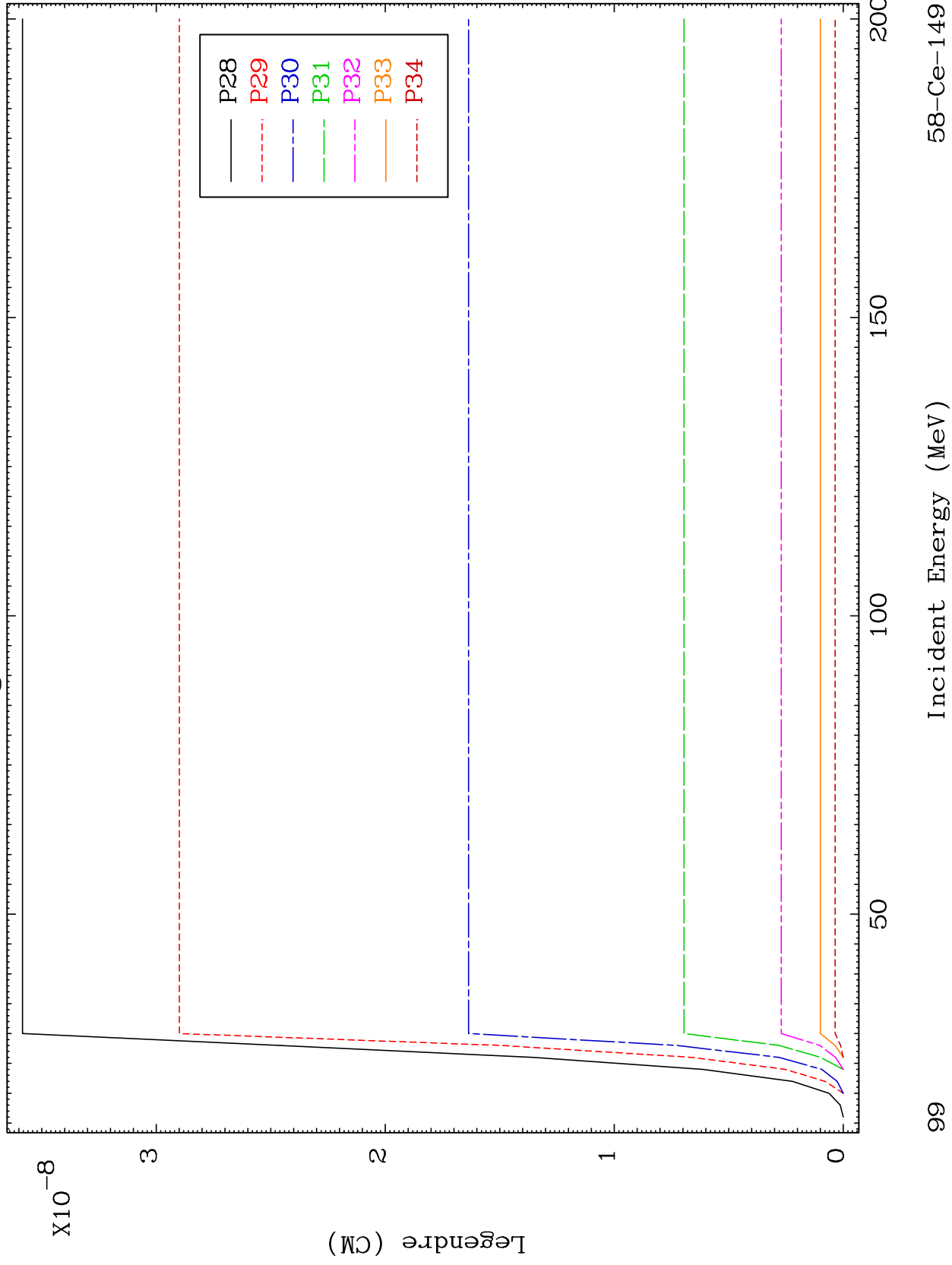
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149

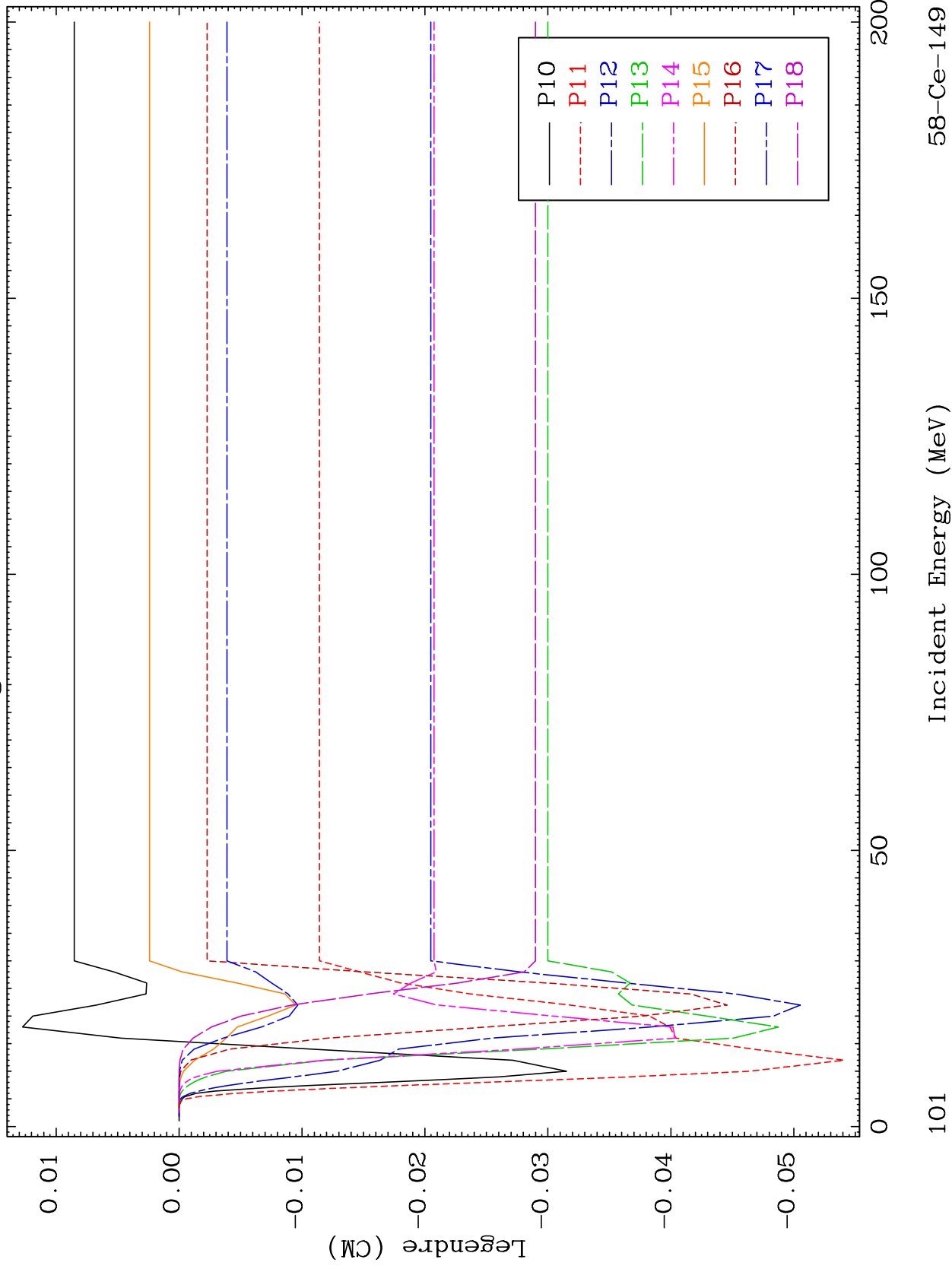


99

MAT 5864

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

58-Ce-149



58-Ce-149

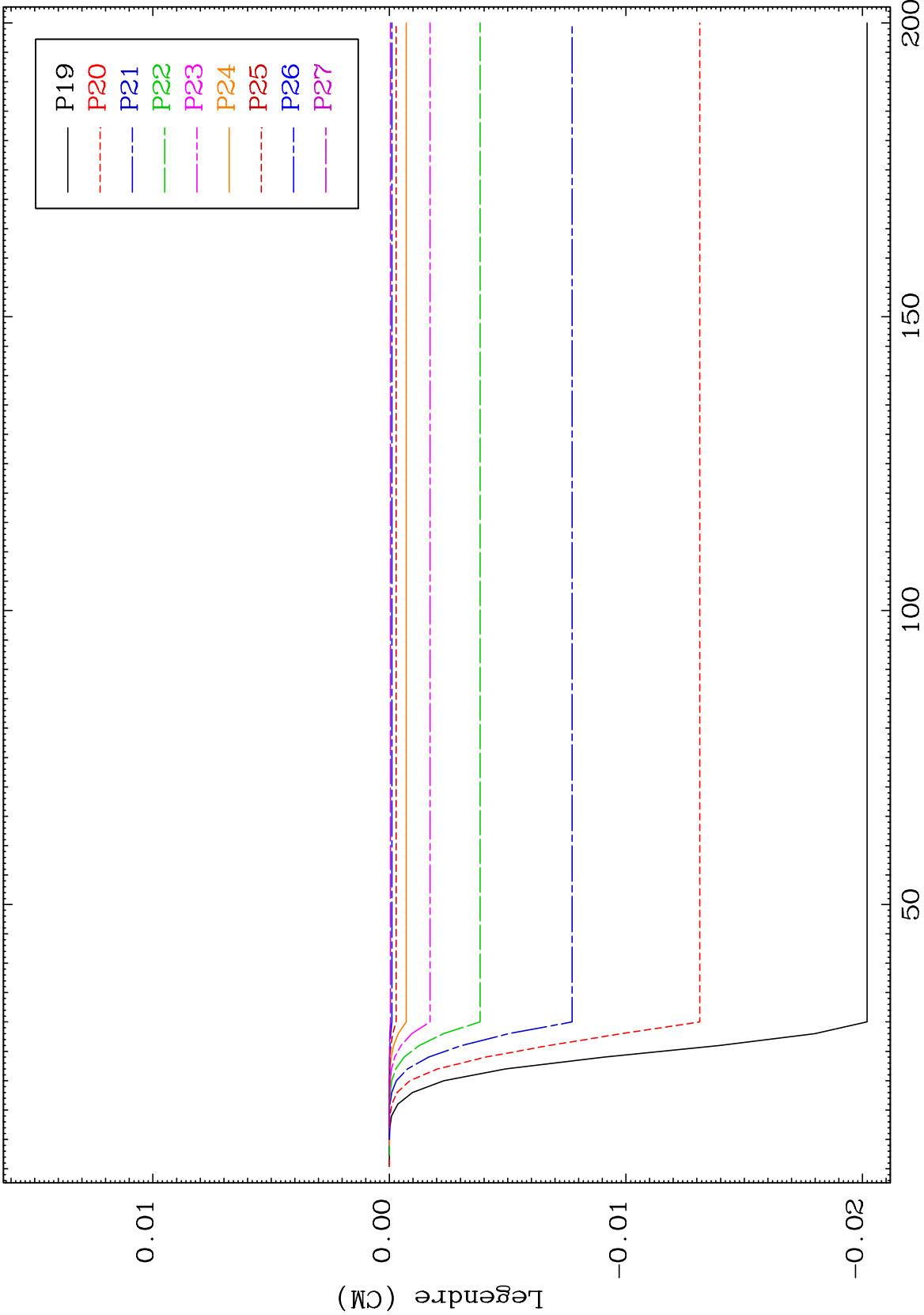
Incident Energy (MeV)

101

MAT 5864

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

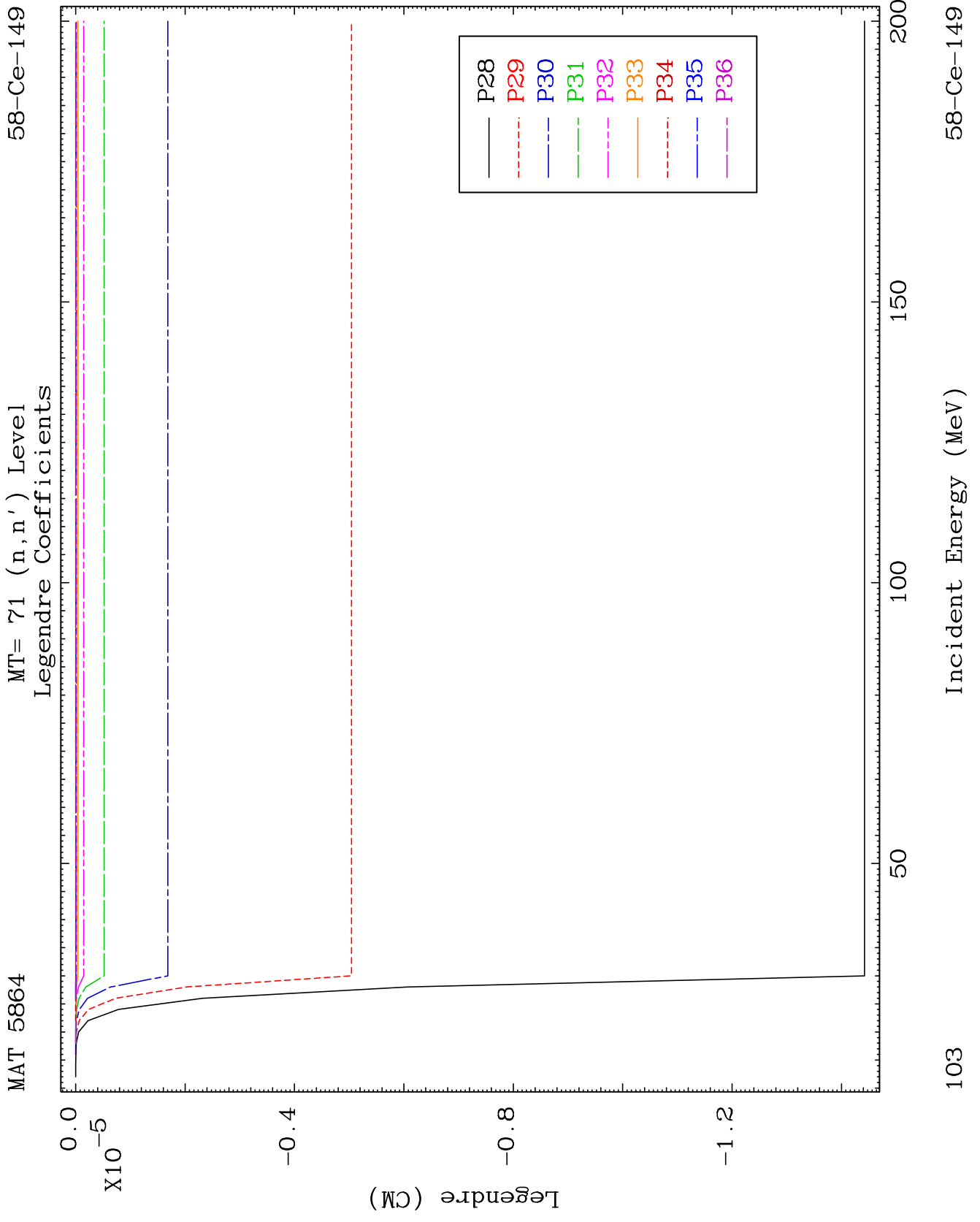
58-Ce-149



102

Incident Energy (MeV)

58-Ce-149

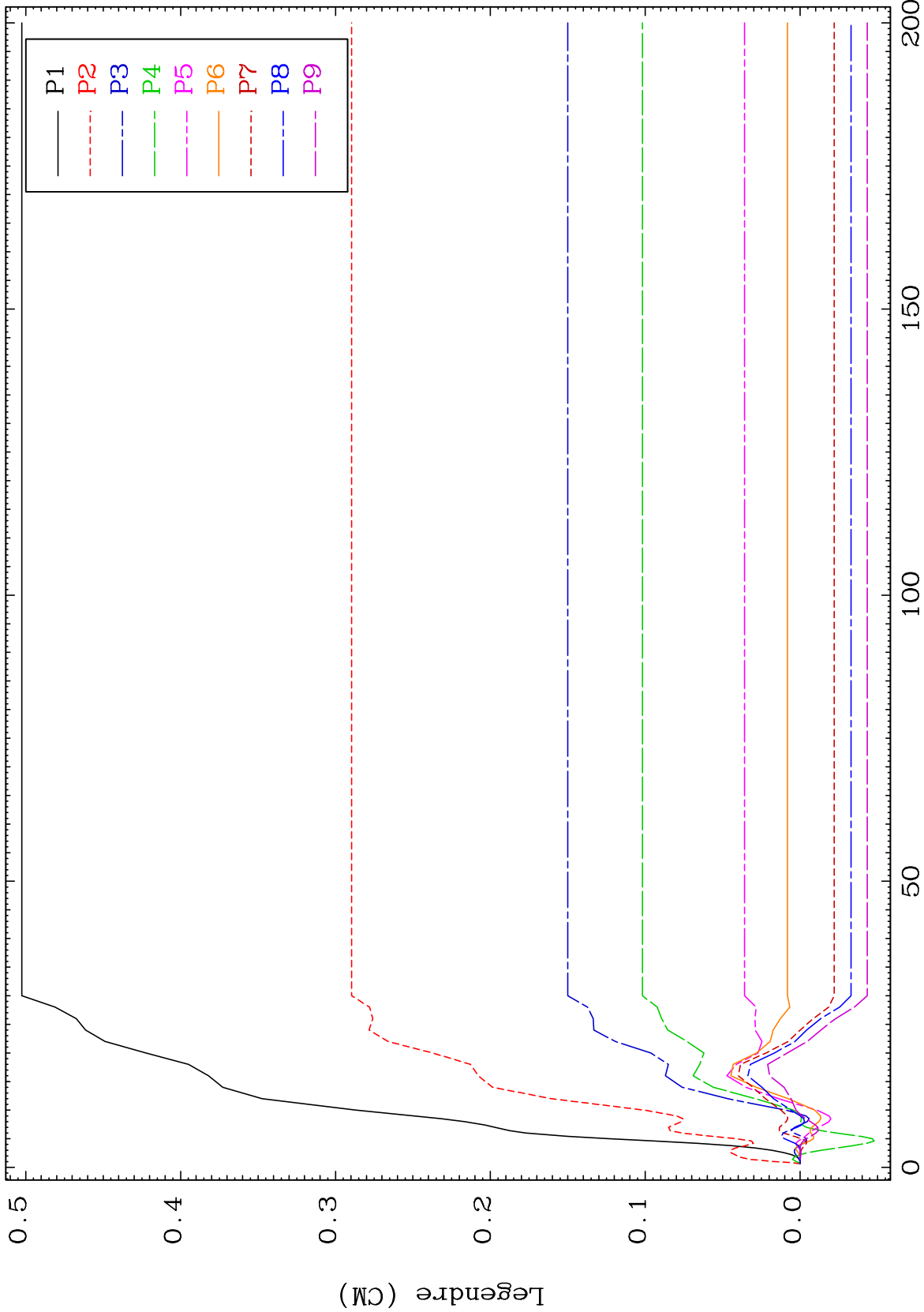


MAT 5864

MT= 72 (n,n') Level

58-Ce-149

Legendre Coefficients



104

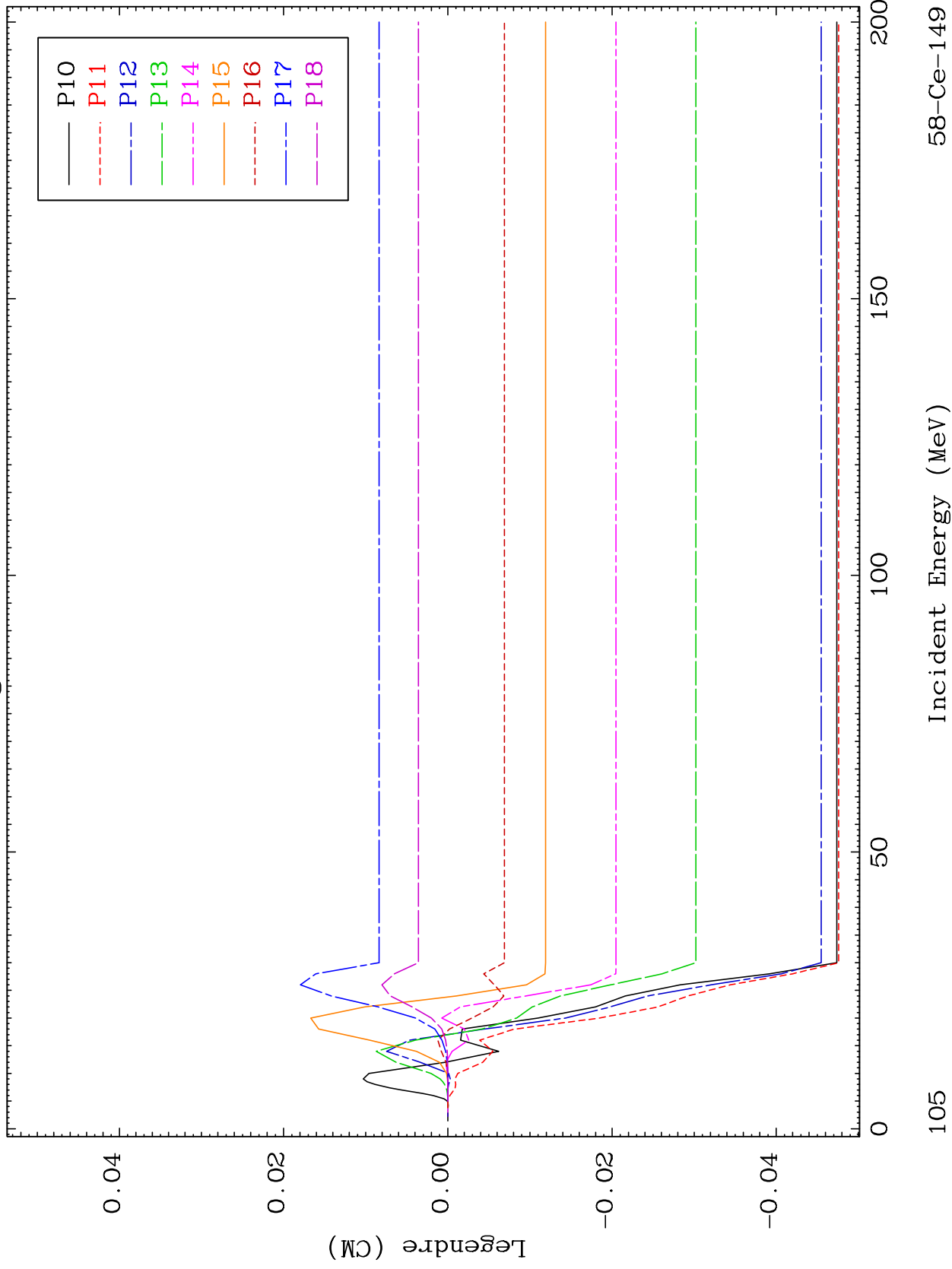
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



58-Ce-149

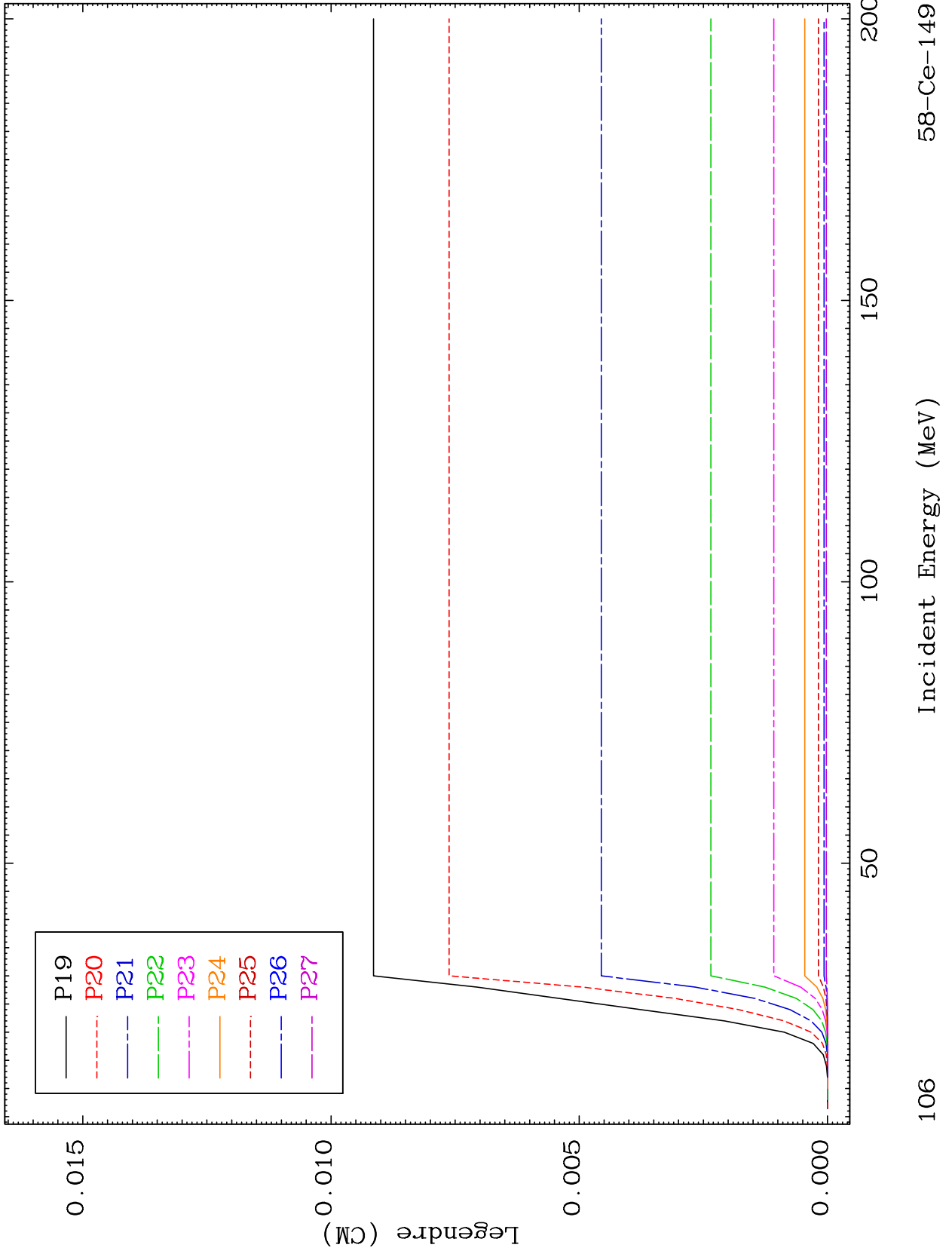
Incident Energy (MeV)

105

MAT 5864

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

58-Ce-149



106

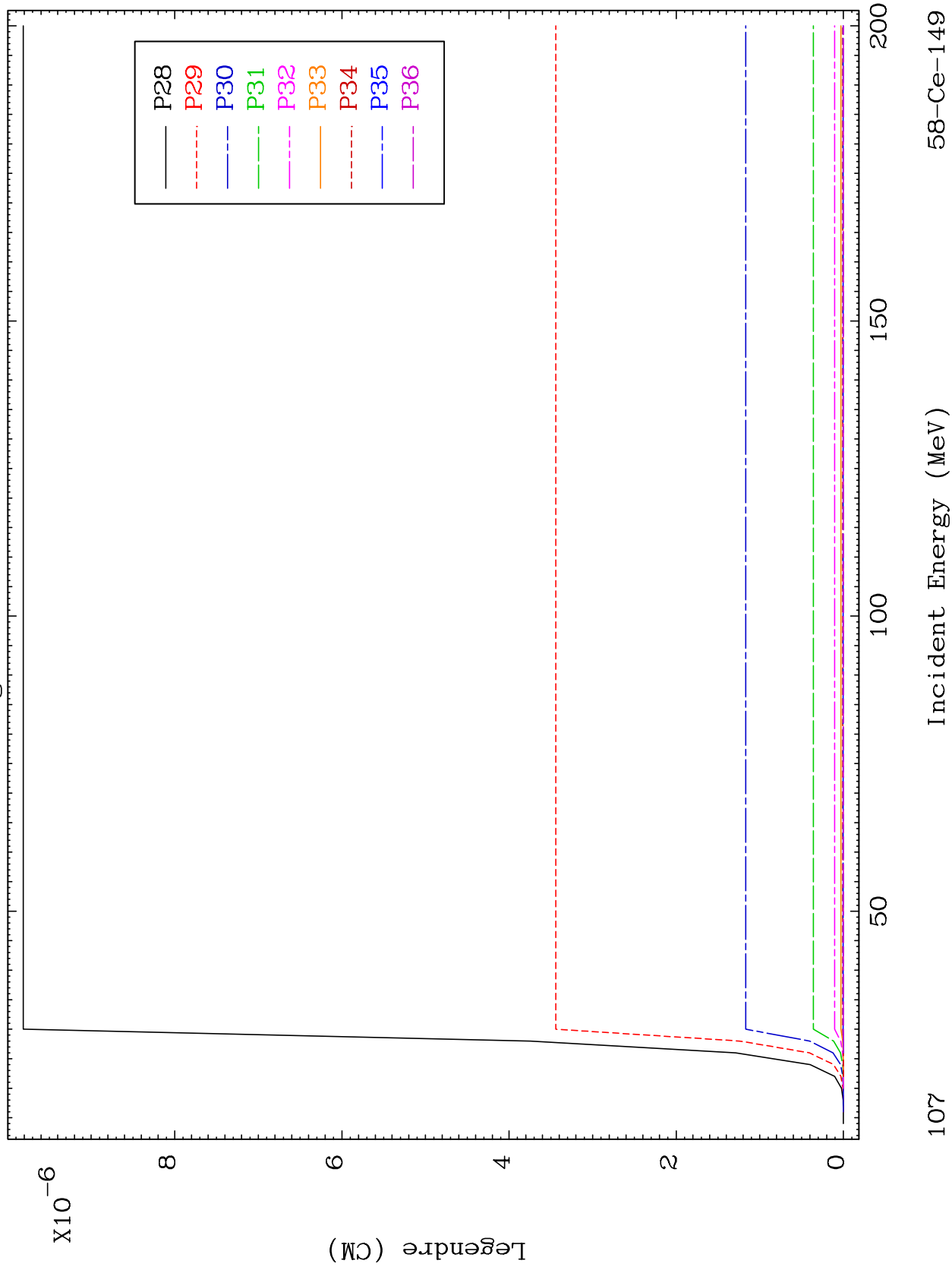
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149

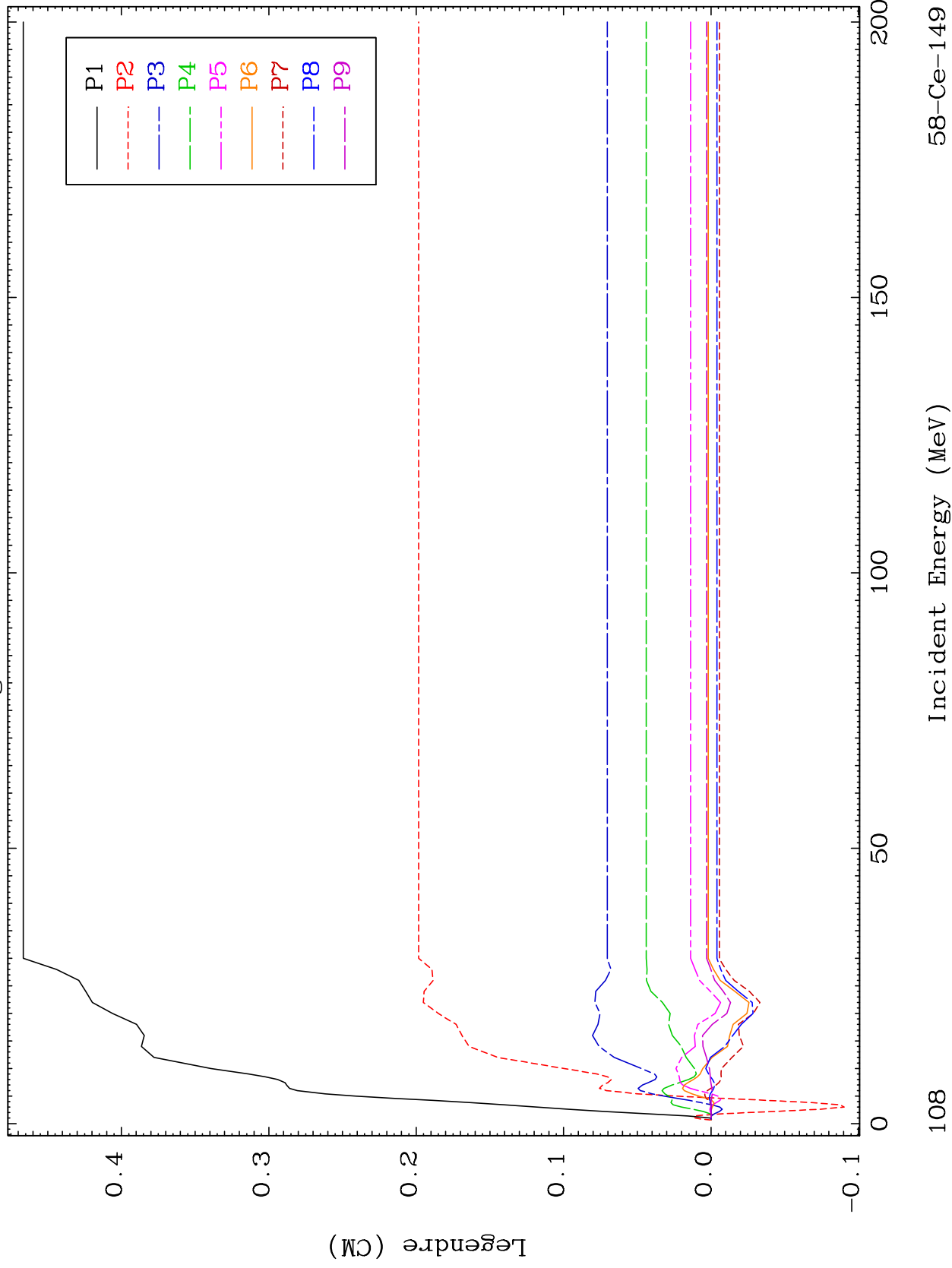


107

MAT 5864

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

58-Ce-149



58-Ce-149

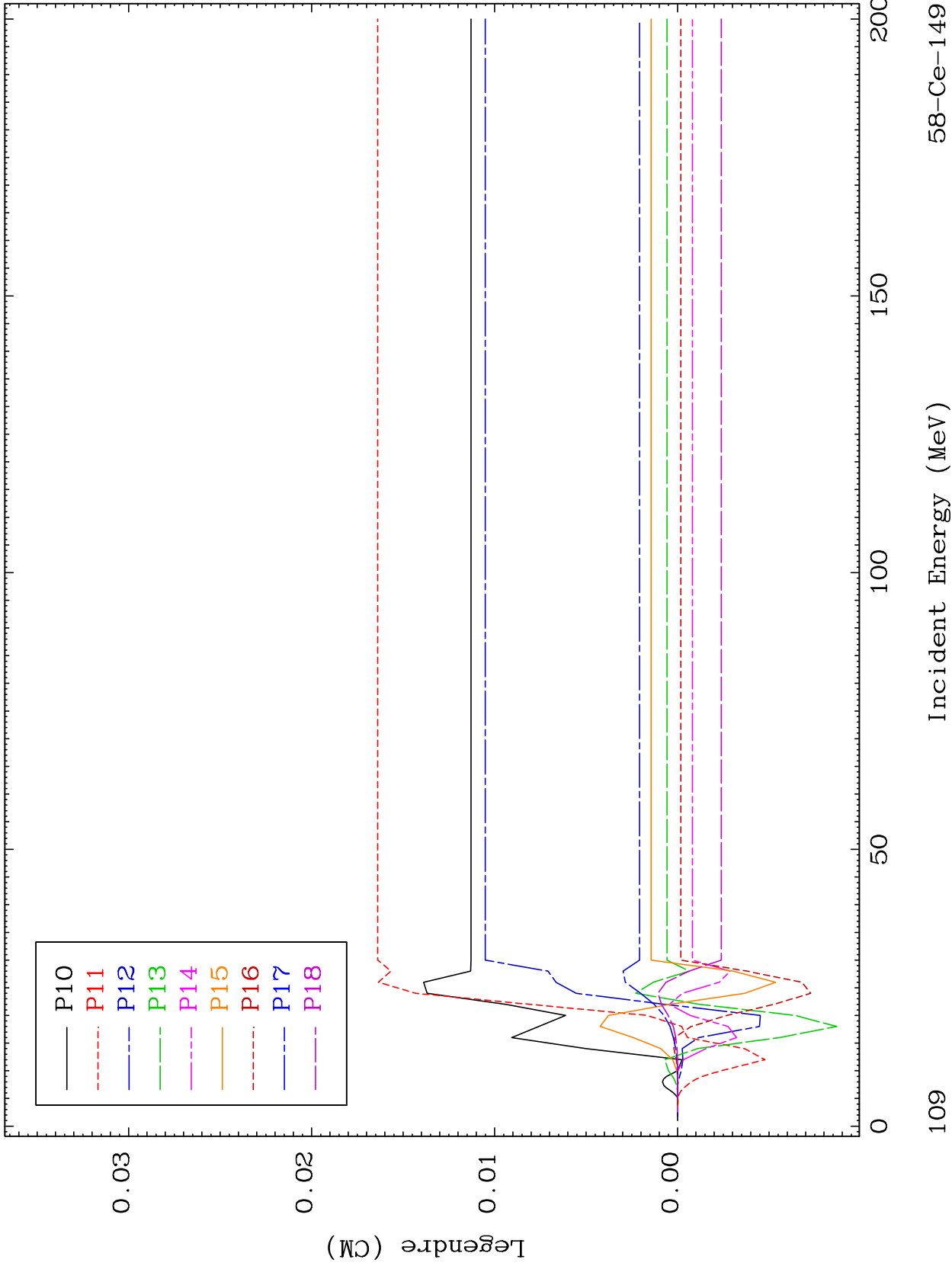
Incident Energy (MeV)

108

MAT 5864

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

58-Ce-149



58-Ce-149

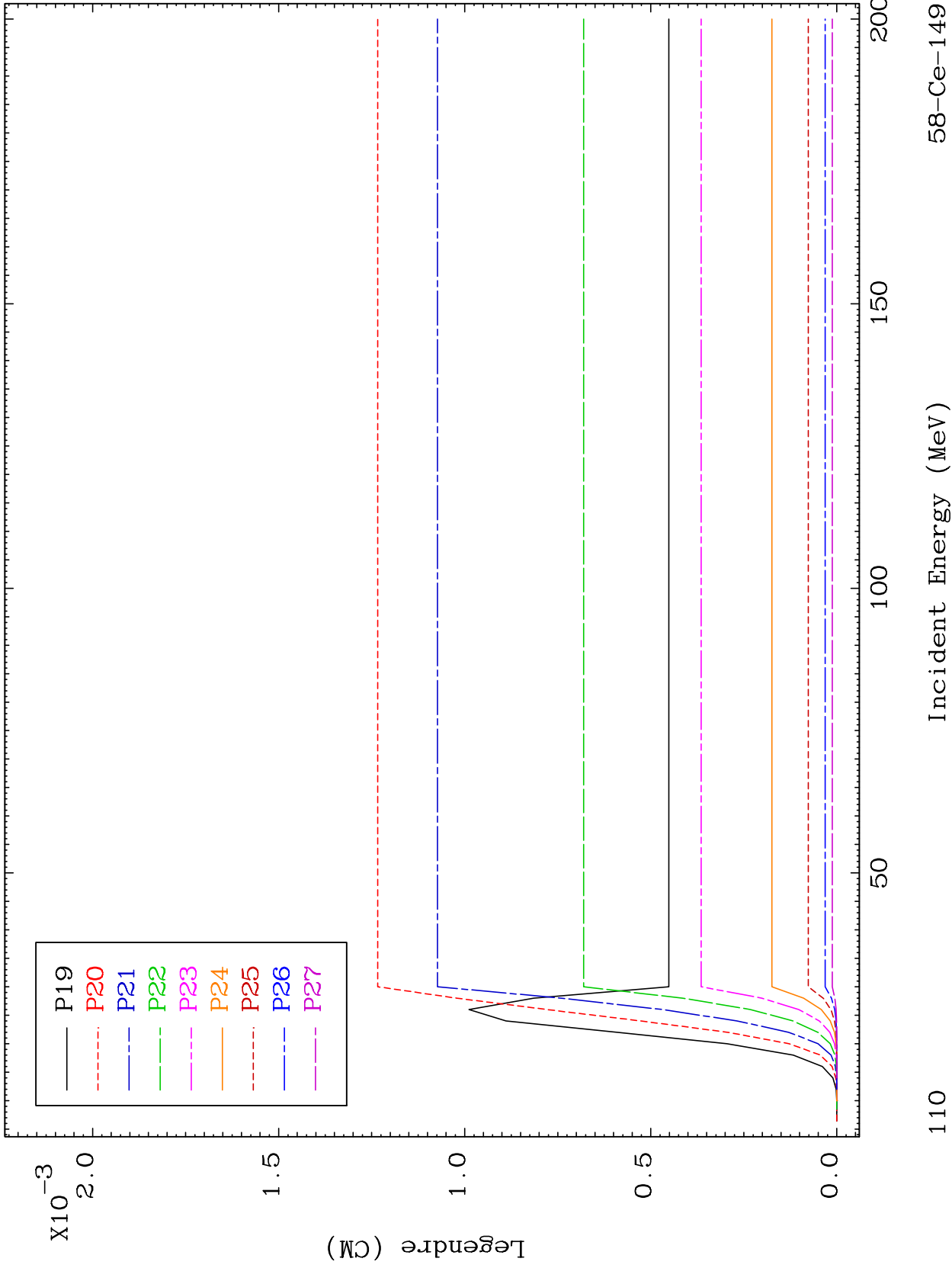
Incident Energy (MeV)

109

MAT 5864

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

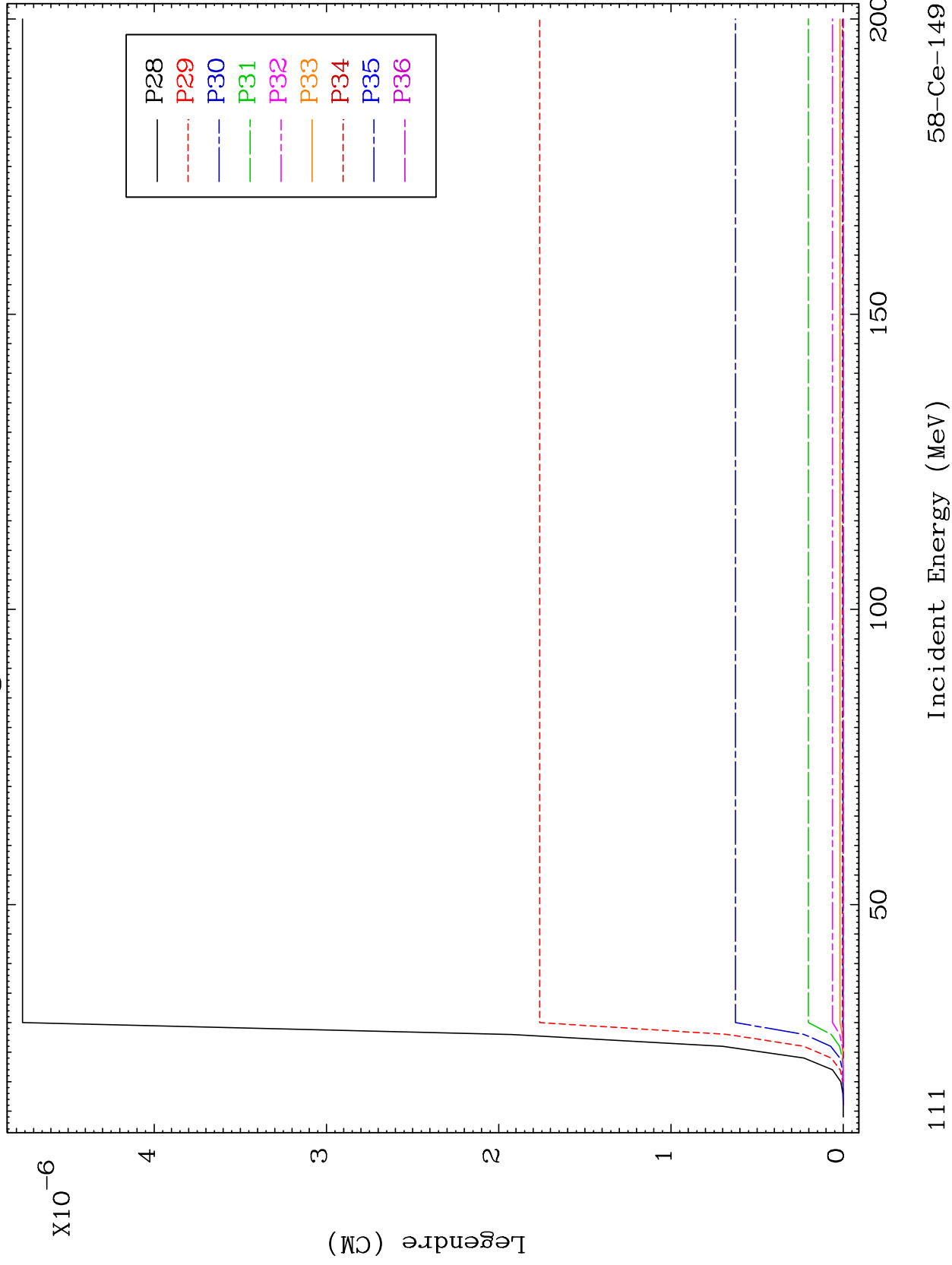
58-Ce-149



MAT 5864

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

58-Ce-149

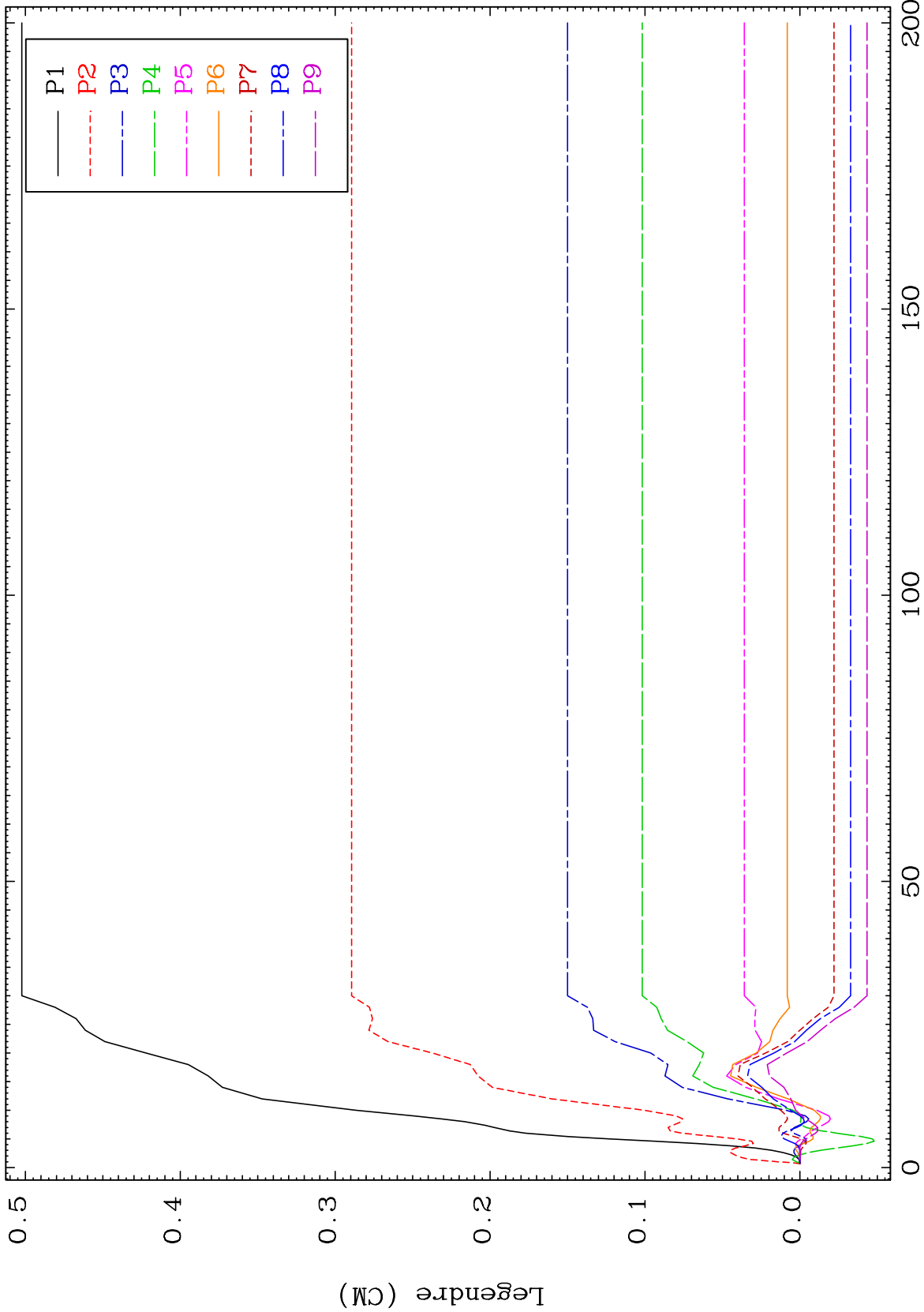


MAT 5864

MT= 74 (n,n') Level

58-Ce-149

Legendre Coefficients



58-Ce-149

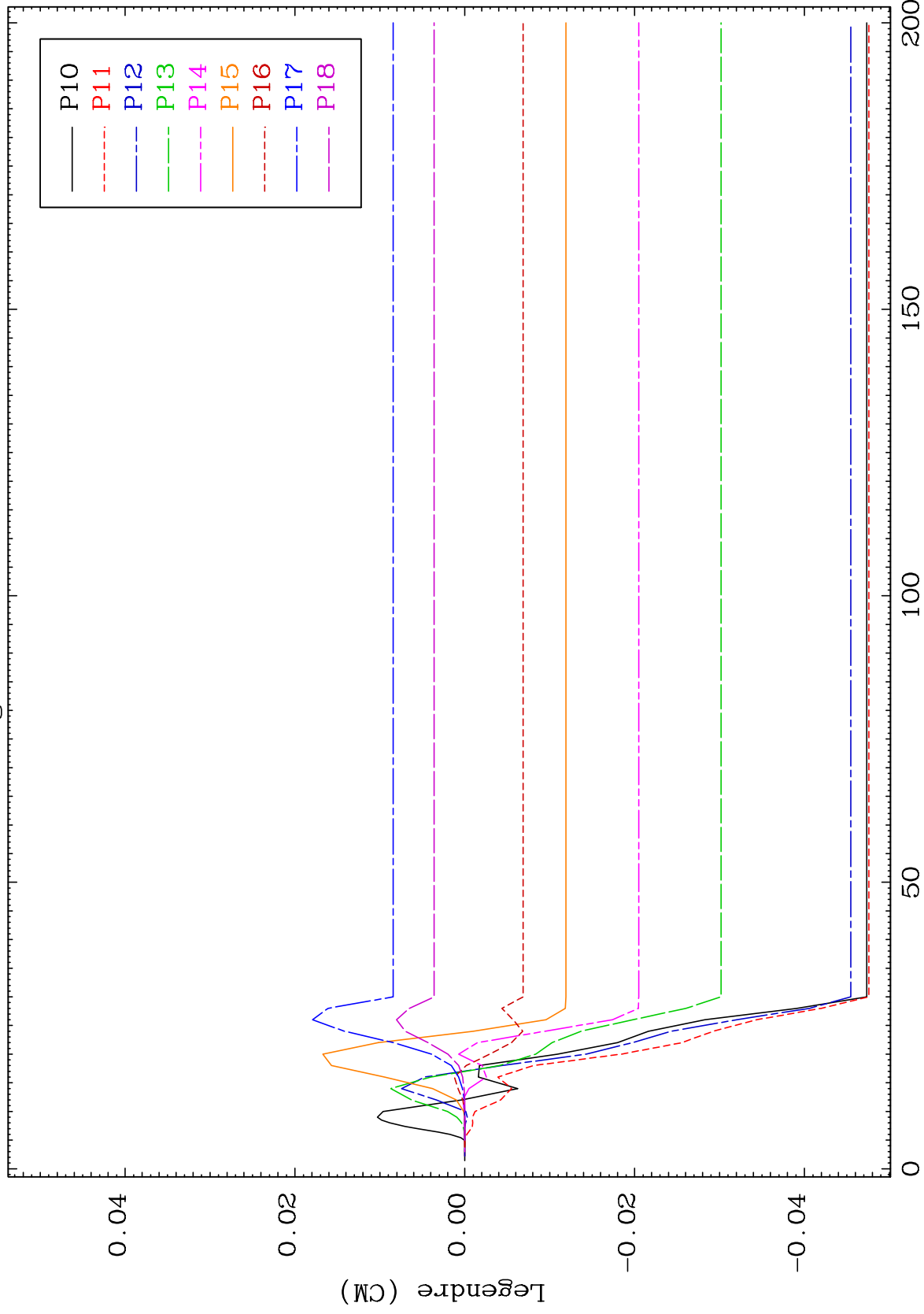
Incident Energy (MeV)

112

MAT 5864

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

58-Ce-149



113

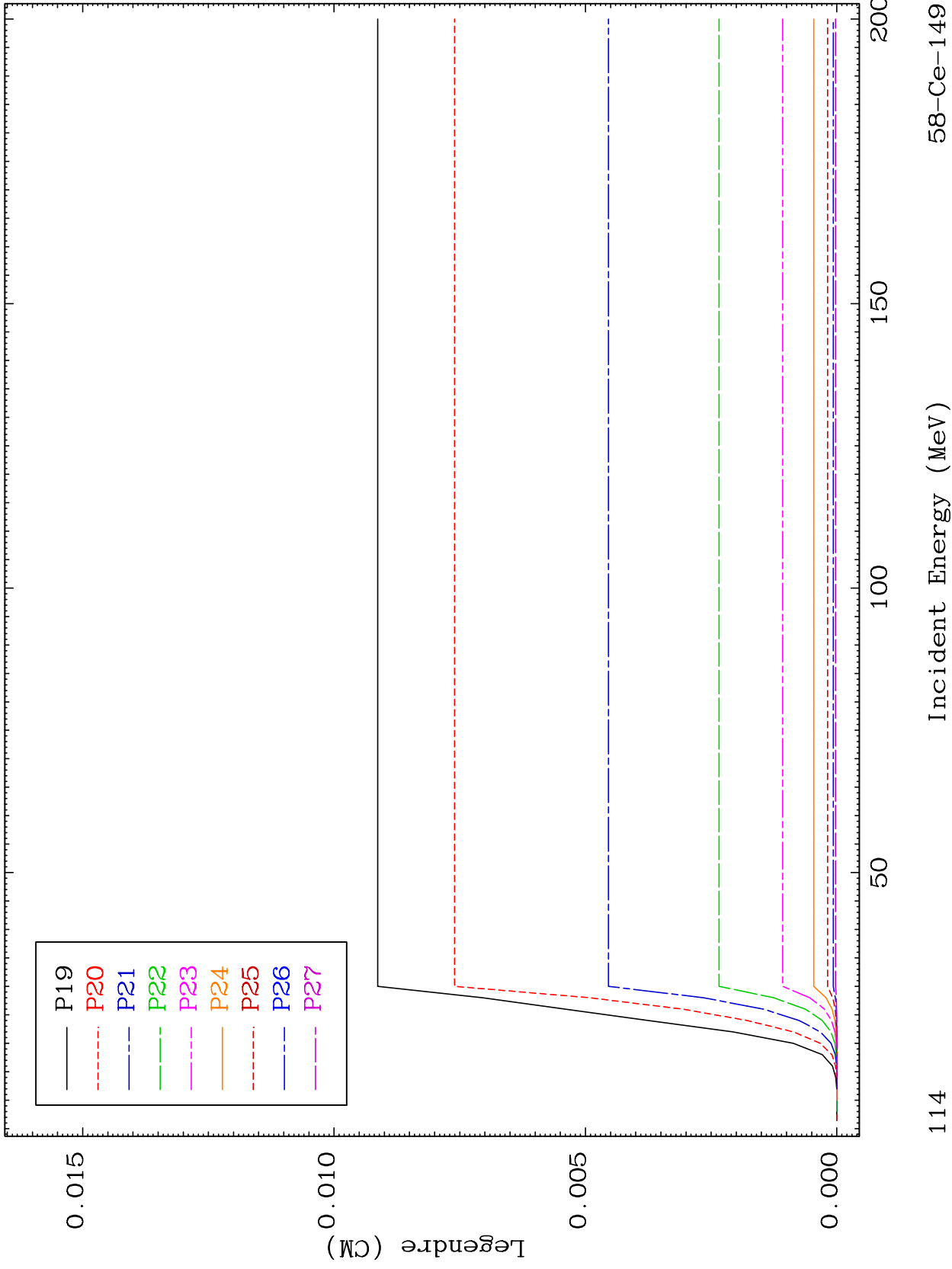
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149



114

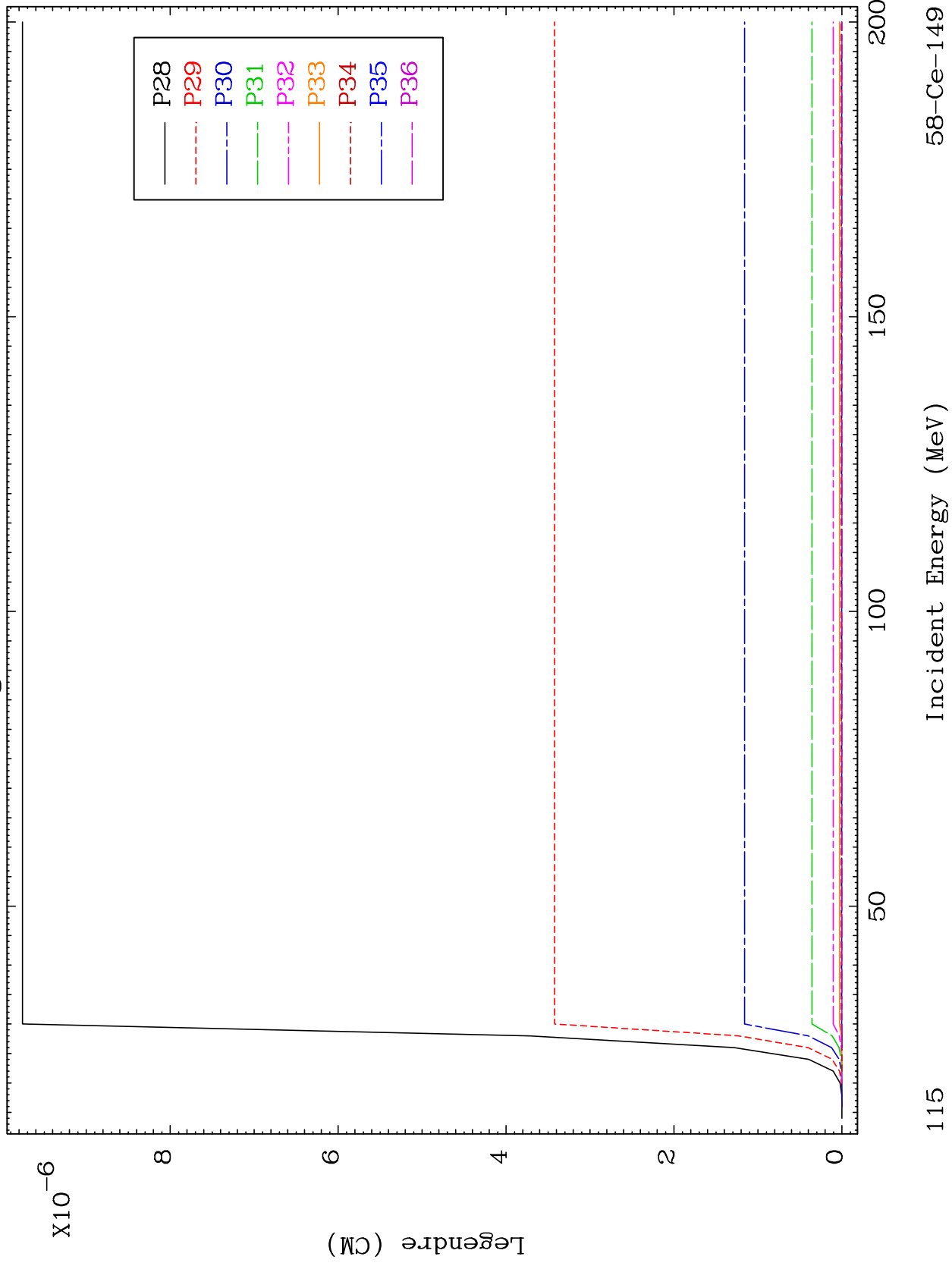
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

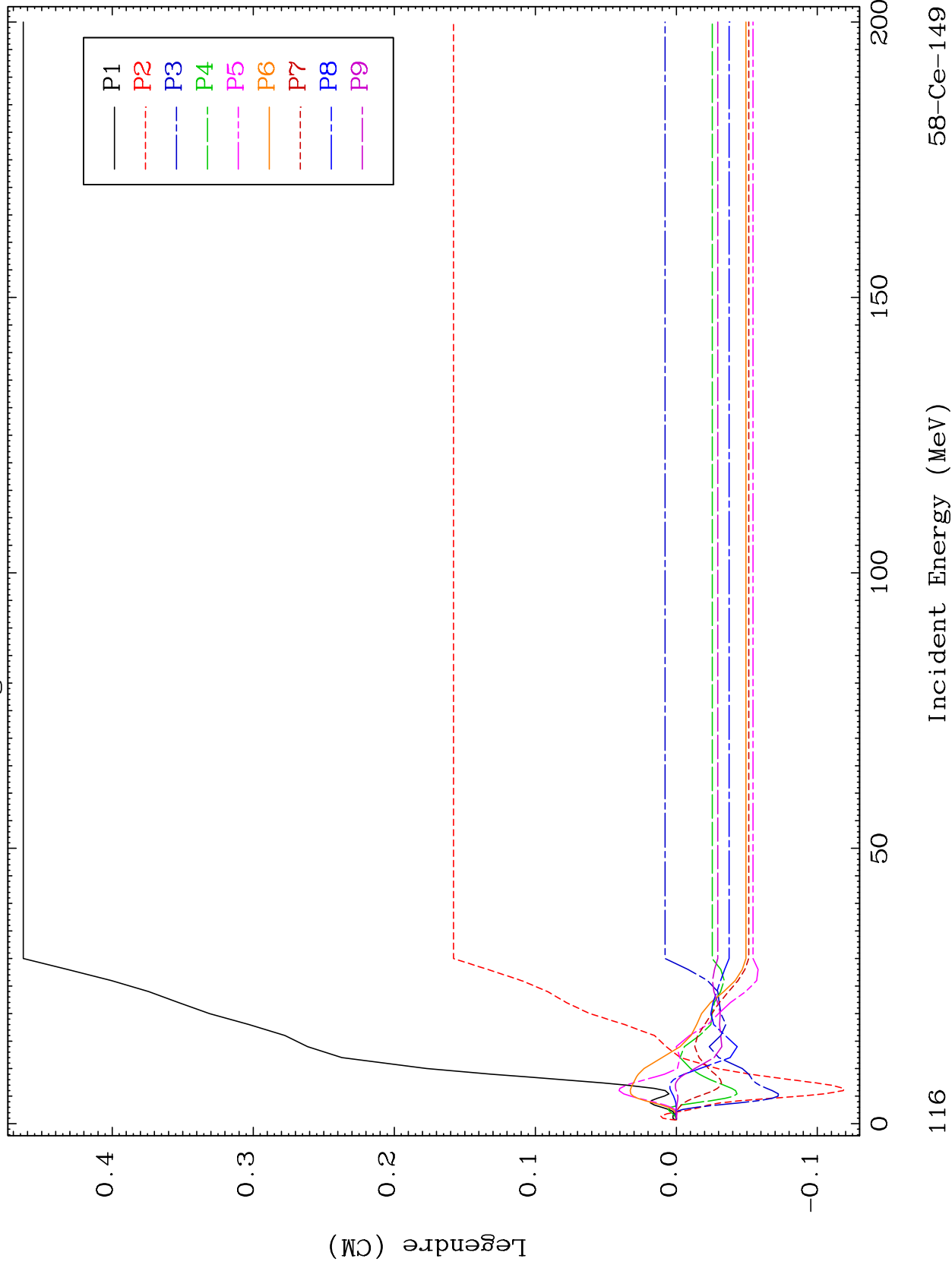
58-Ce-149



MAT 5864

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

58-Ce-149



58-Ce-149

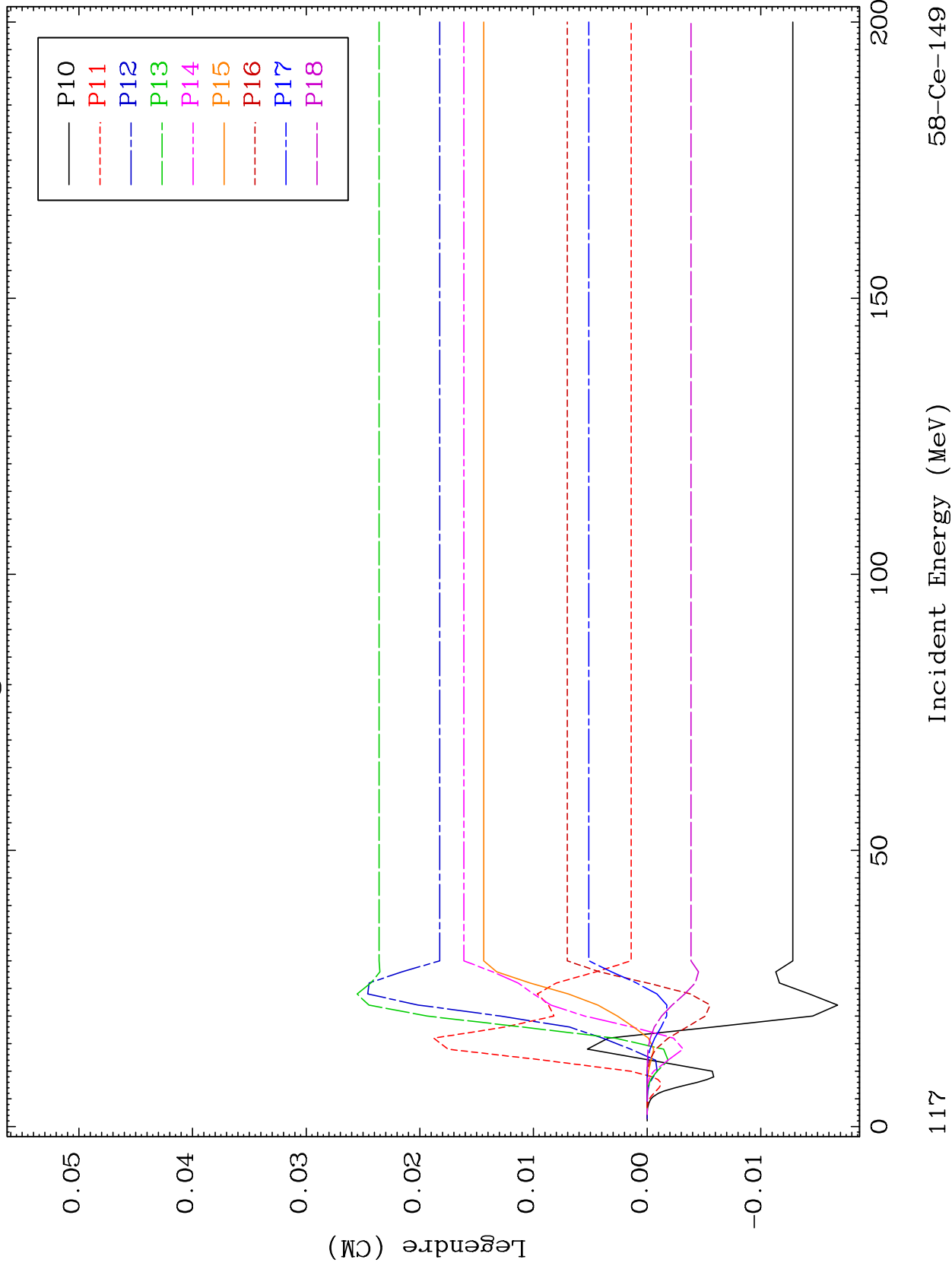
Incident Energy (MeV)

116

MAT 5864

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

58-Ce-149



58-Ce-149

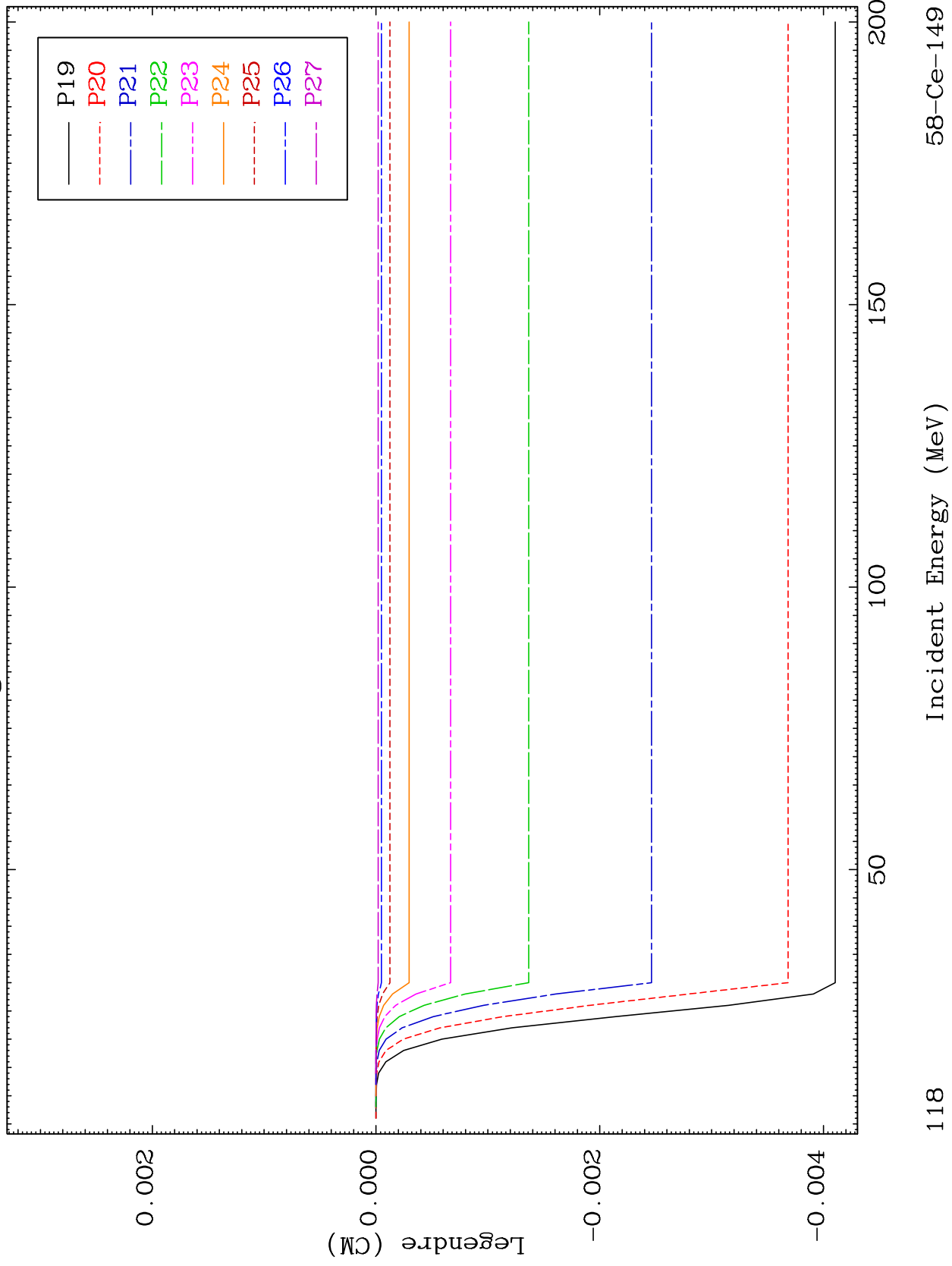
Incident Energy (MeV)

117

MAT 5864

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

58-Ce-149



118

Incident Energy (MeV)

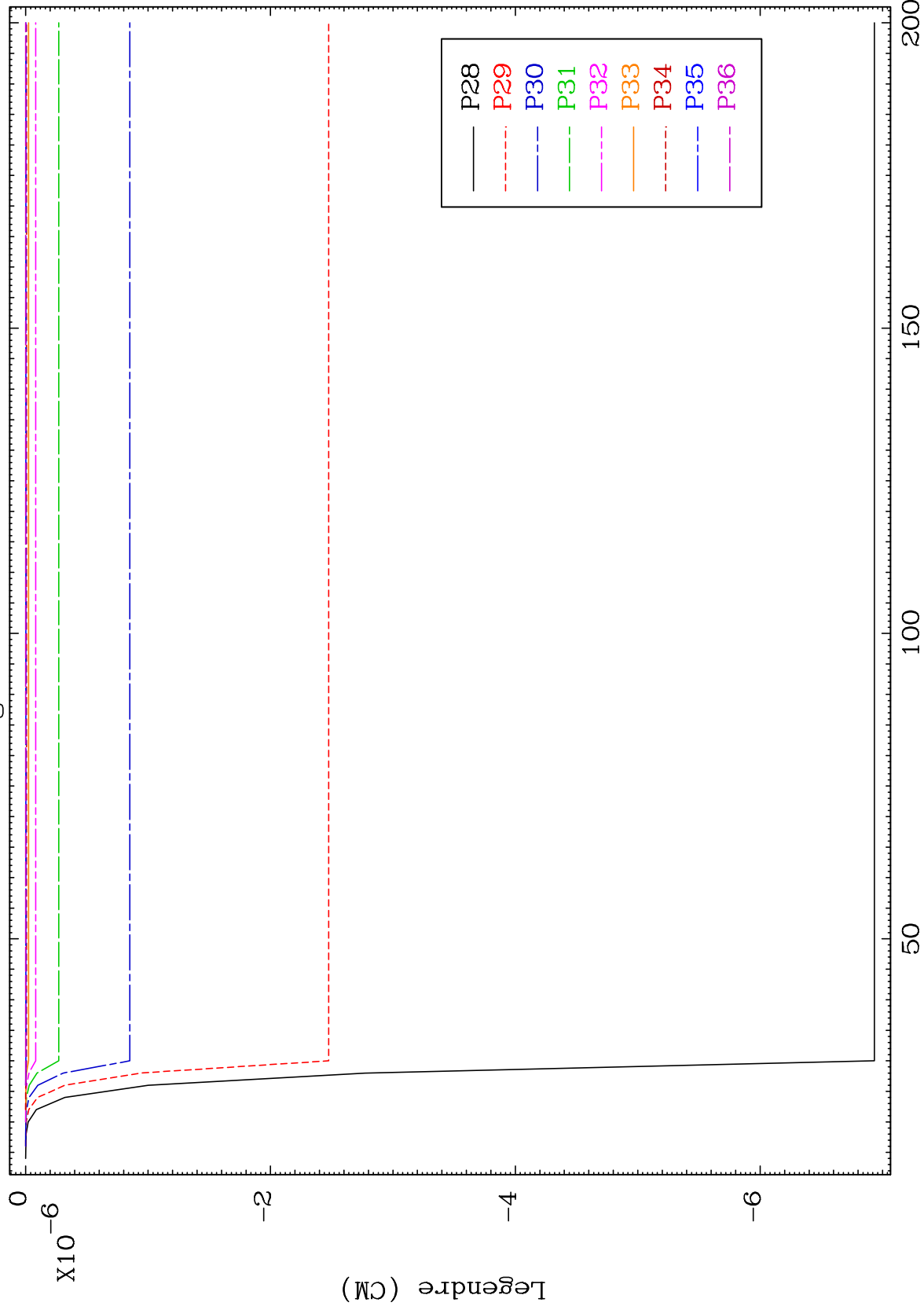
58-Ce-149

MAT 5864

MT= 75 (n,n') Level

58-Ce-149

Legendre Coefficients



58-Ce-149

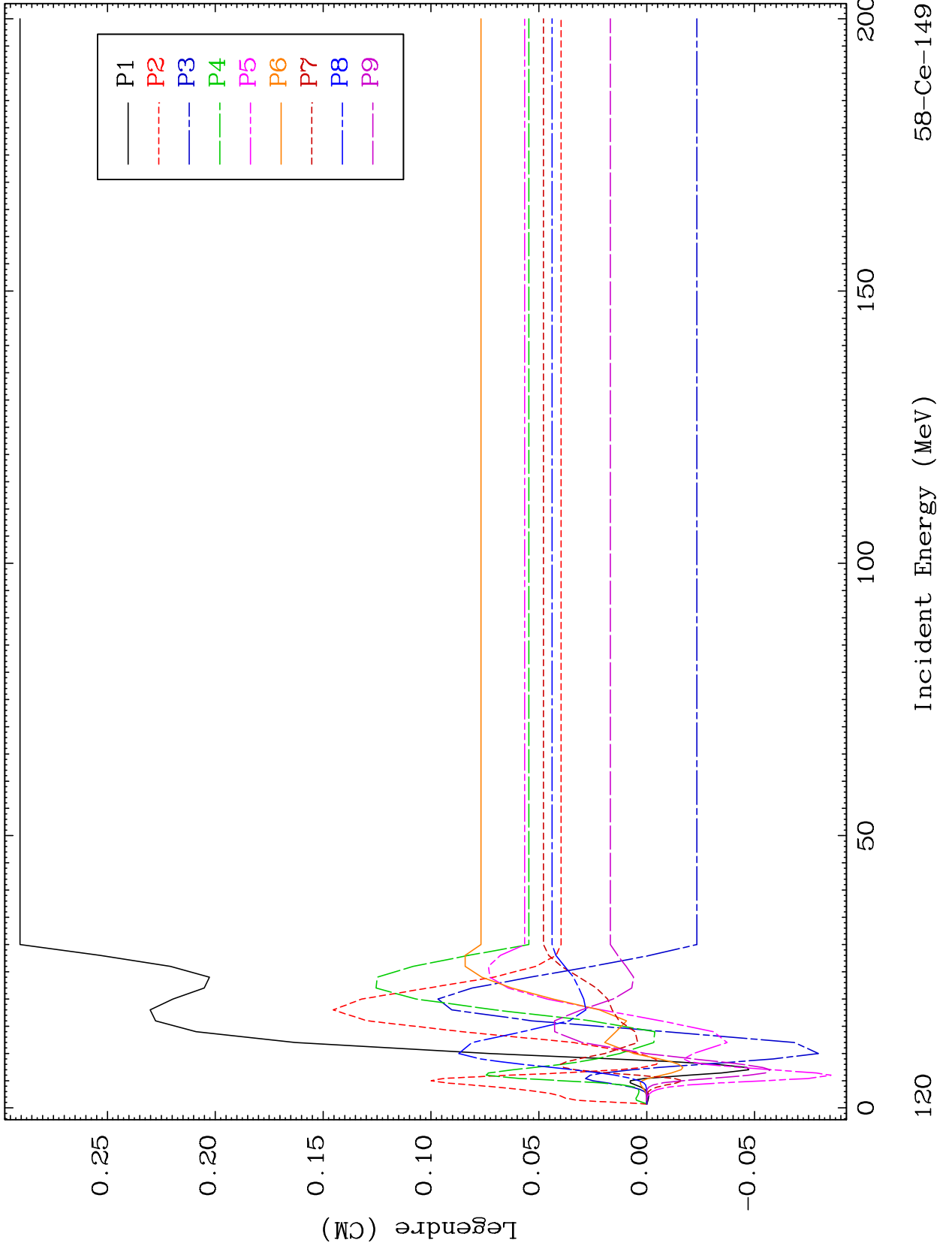
Incident Energy (MeV)

119

MAT 5864

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

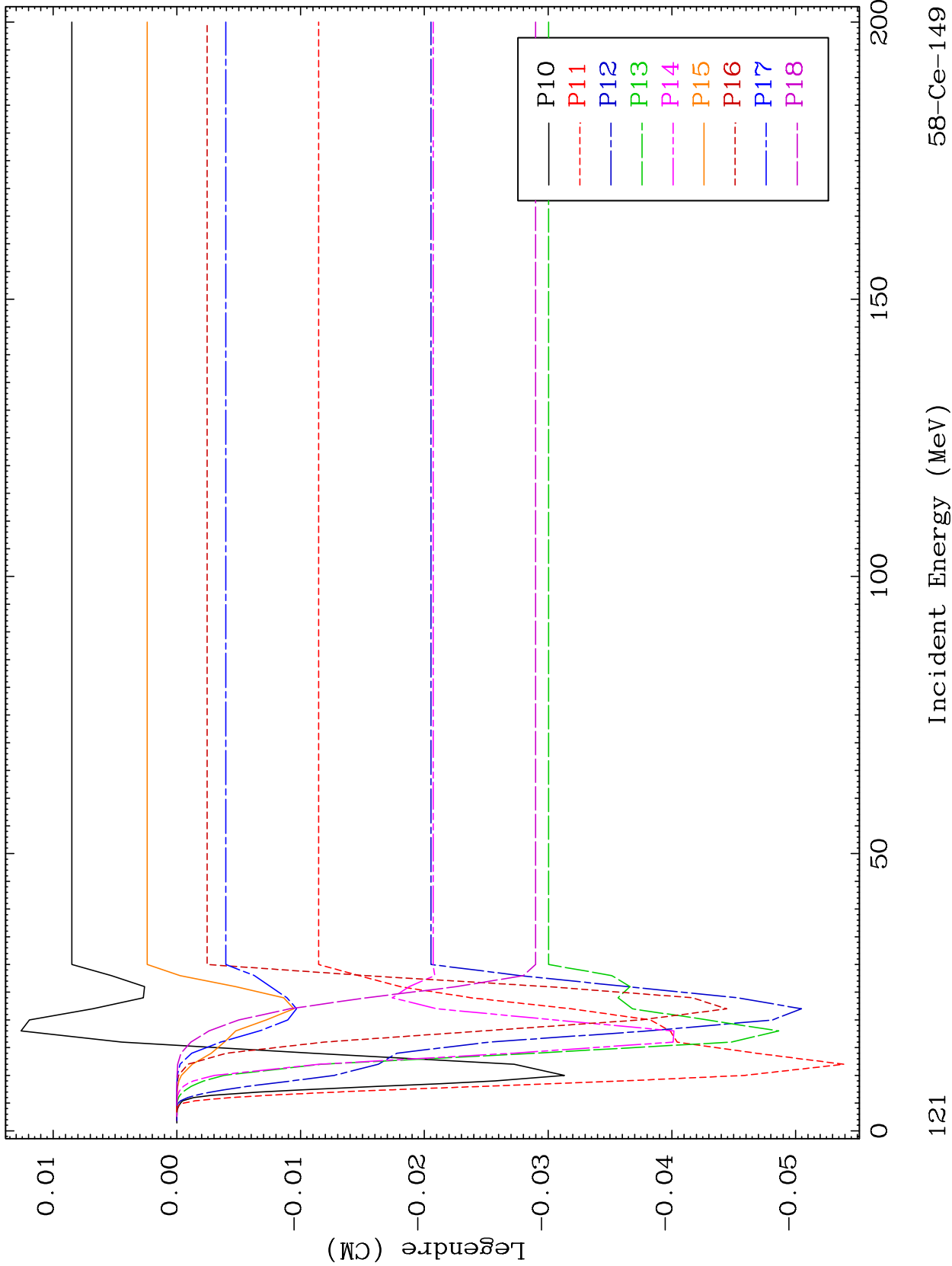
58-Ce-149



MAT 5864

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

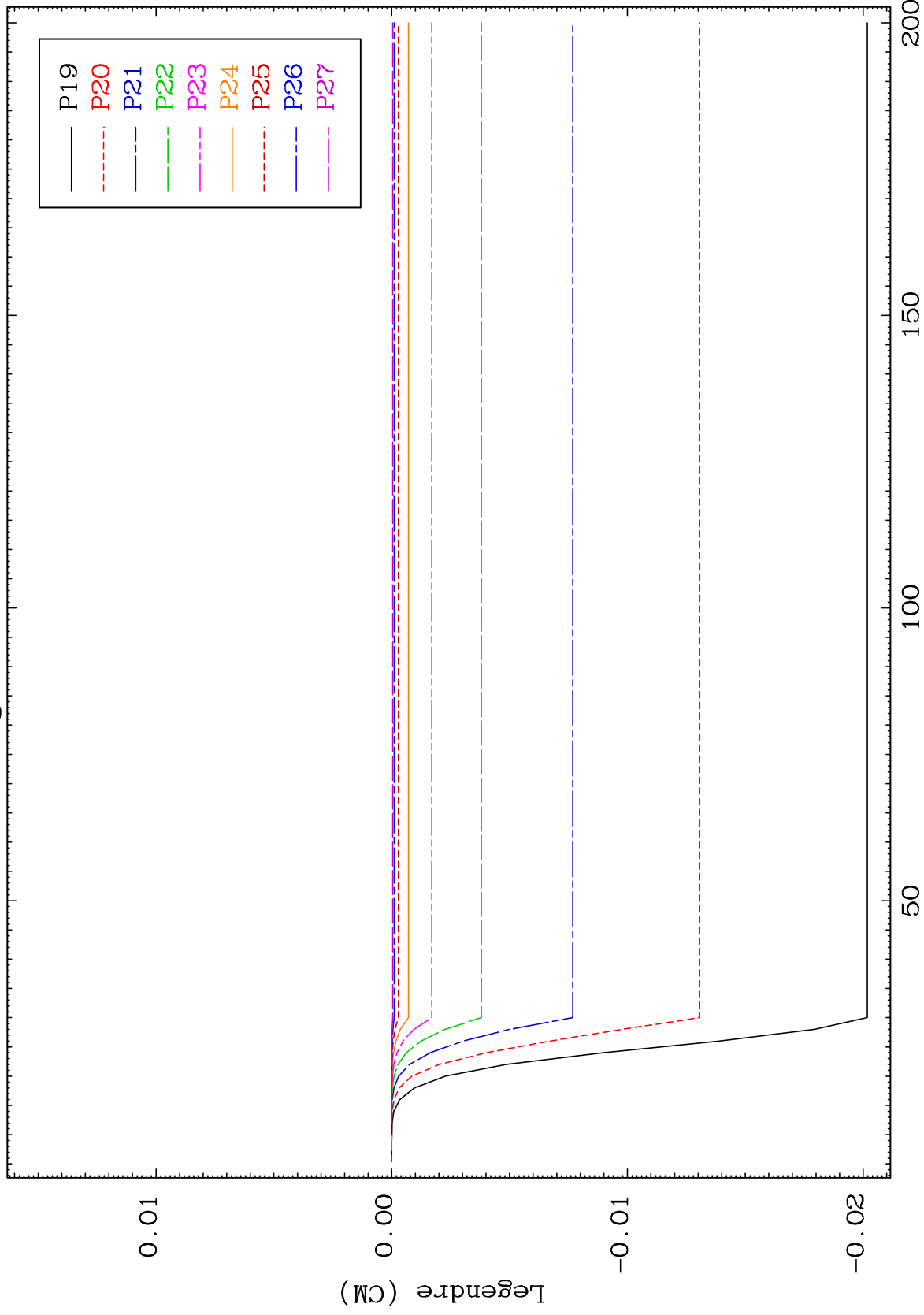
58-Ce-149



MAT 5864

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

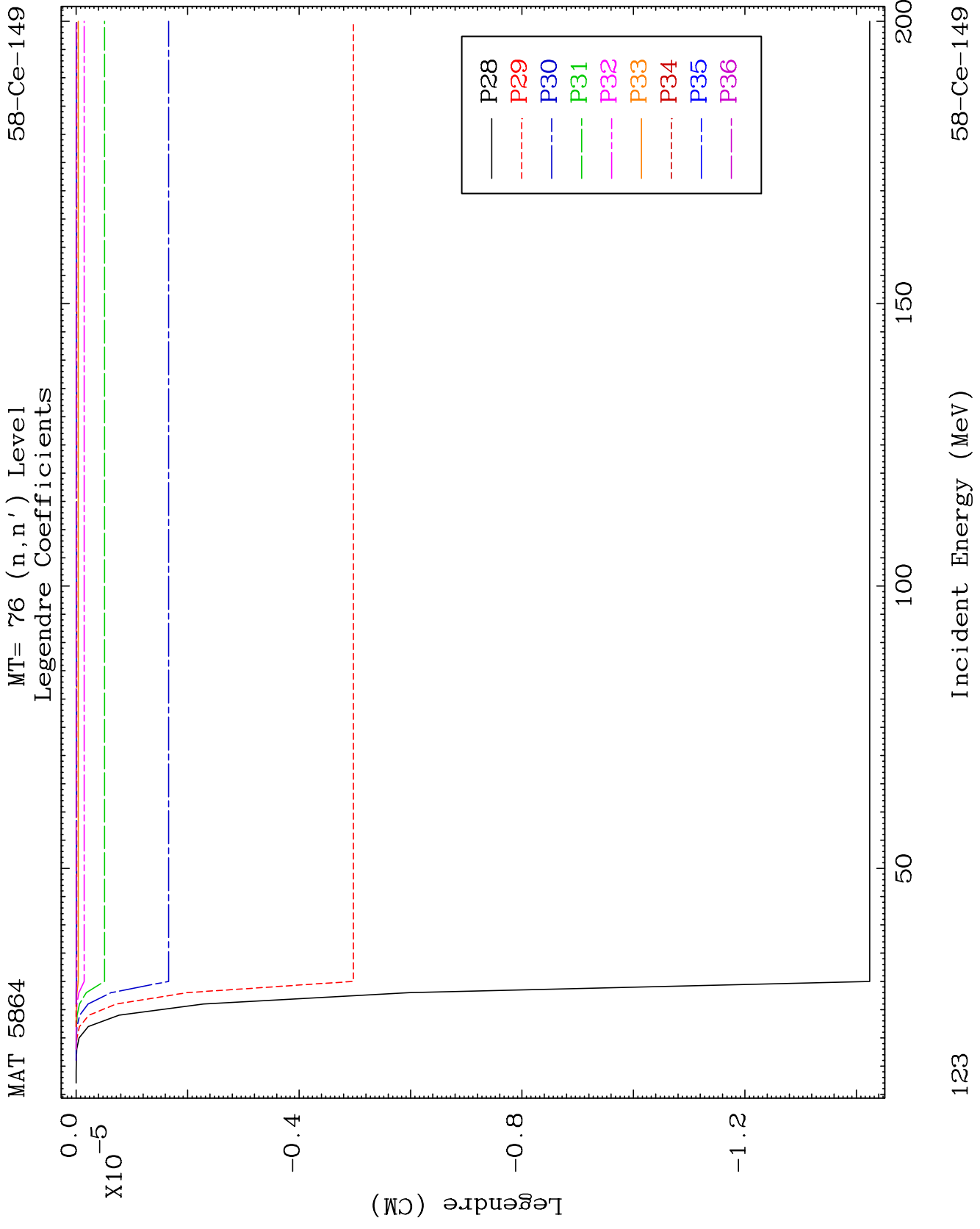
58-Ce-149



122

Incident Energy (MeV)

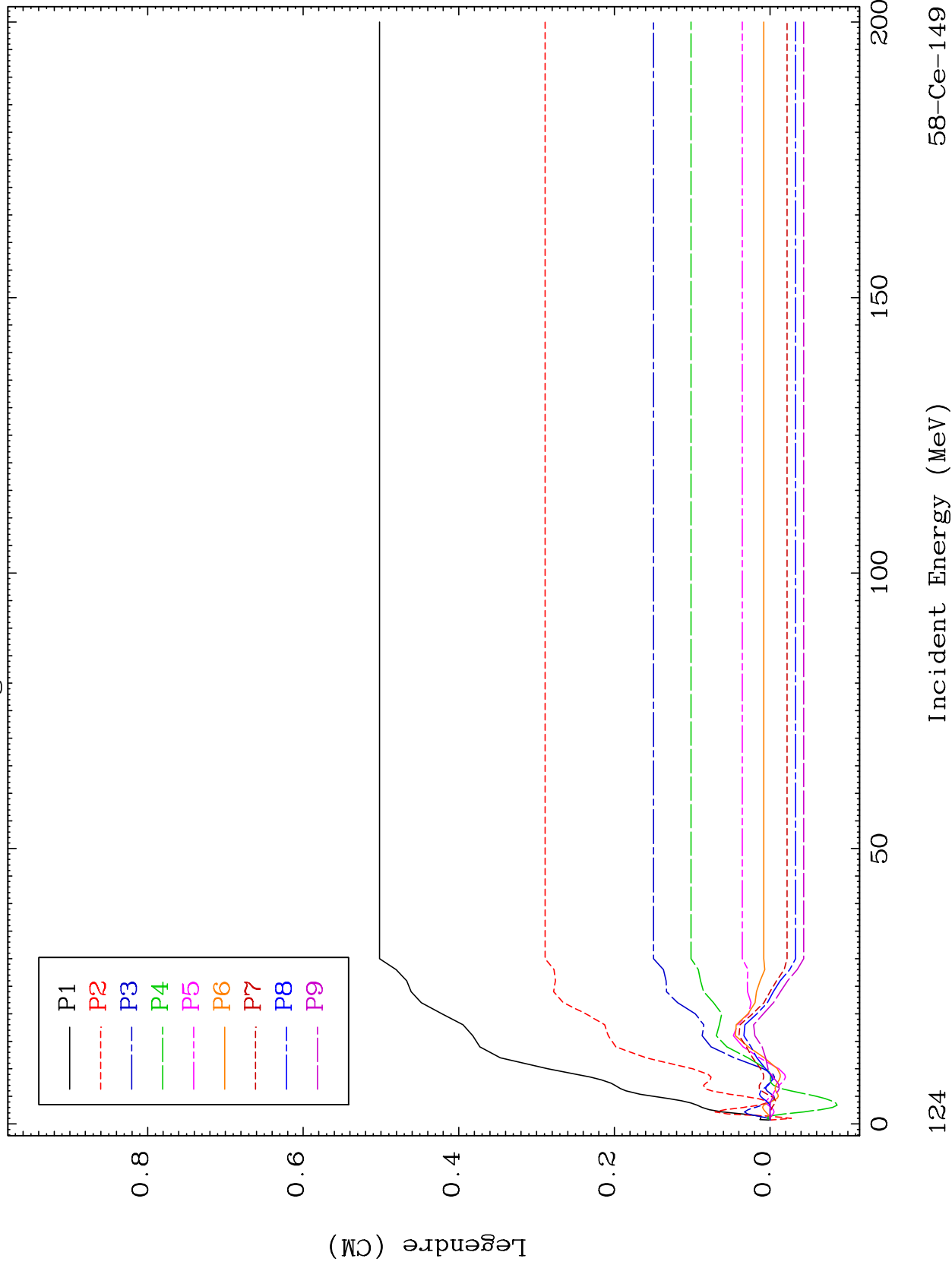
58-Ce-149



MAT 5864

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

58-Ce-149



58-Ce-149

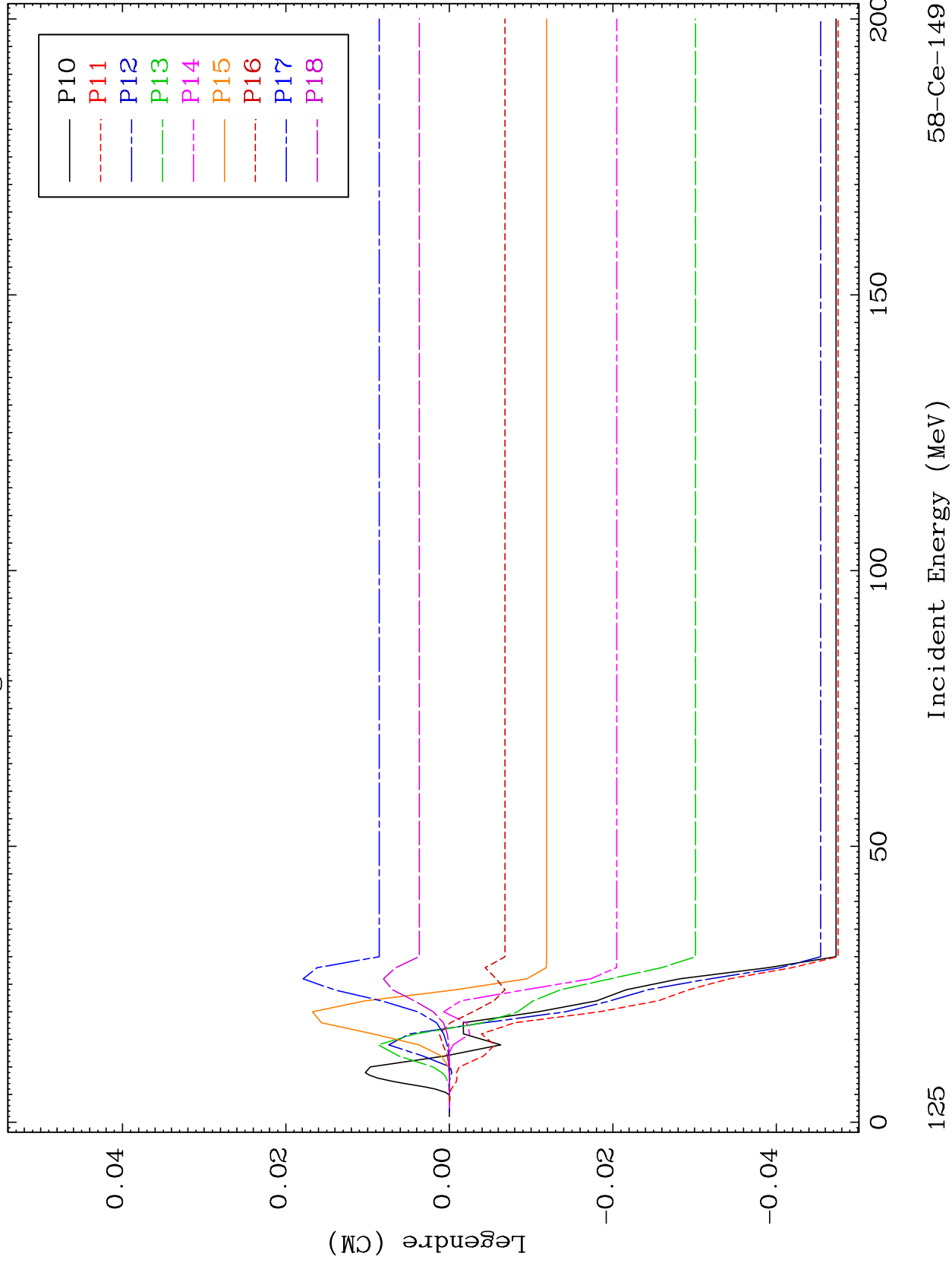
Incident Energy (MeV)

124

MAT 5864

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

58-Ce-149



58-Ce-149

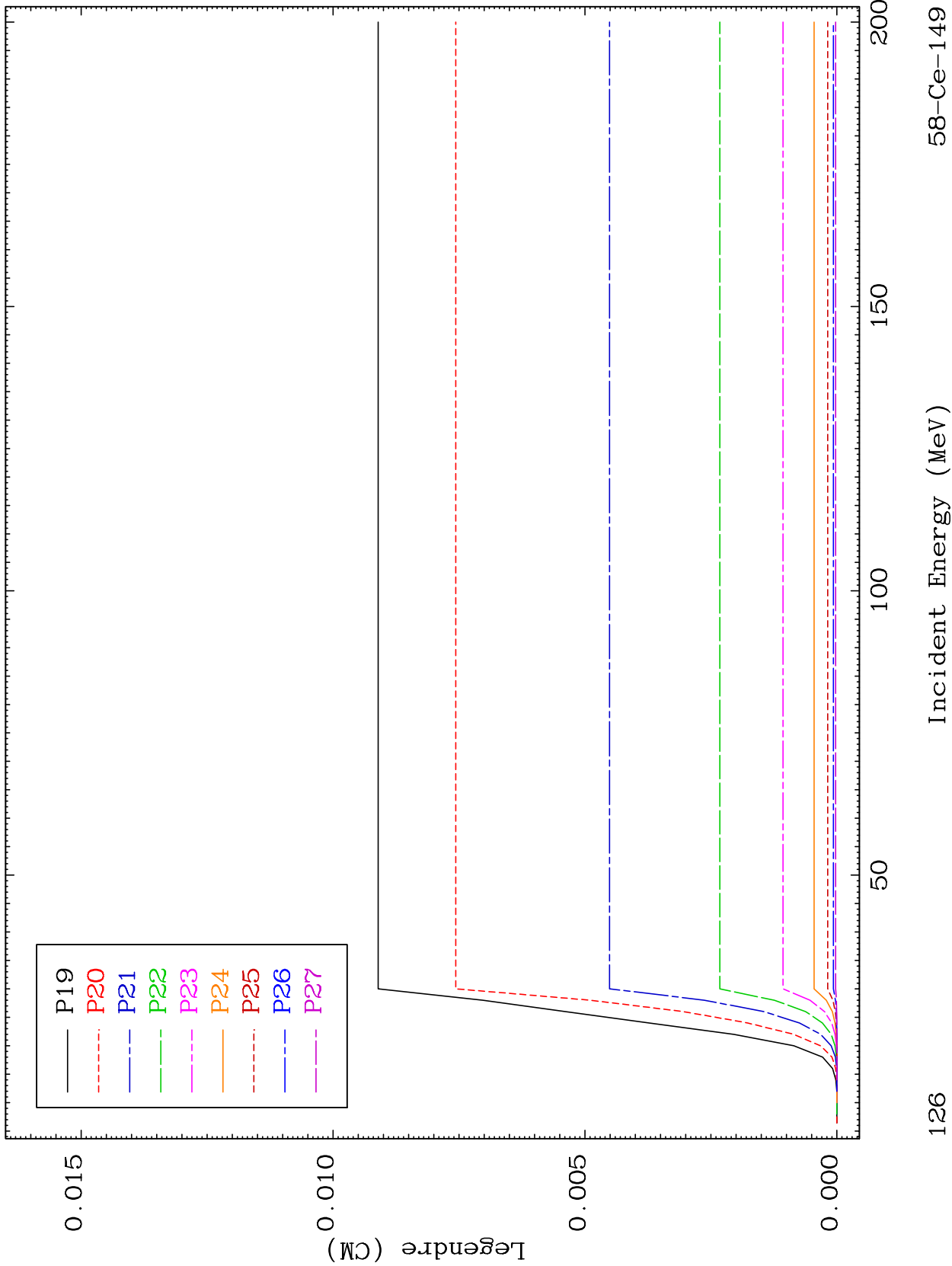
Incident Energy (MeV)

125

MAT 5864

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

58-Ce-149



126

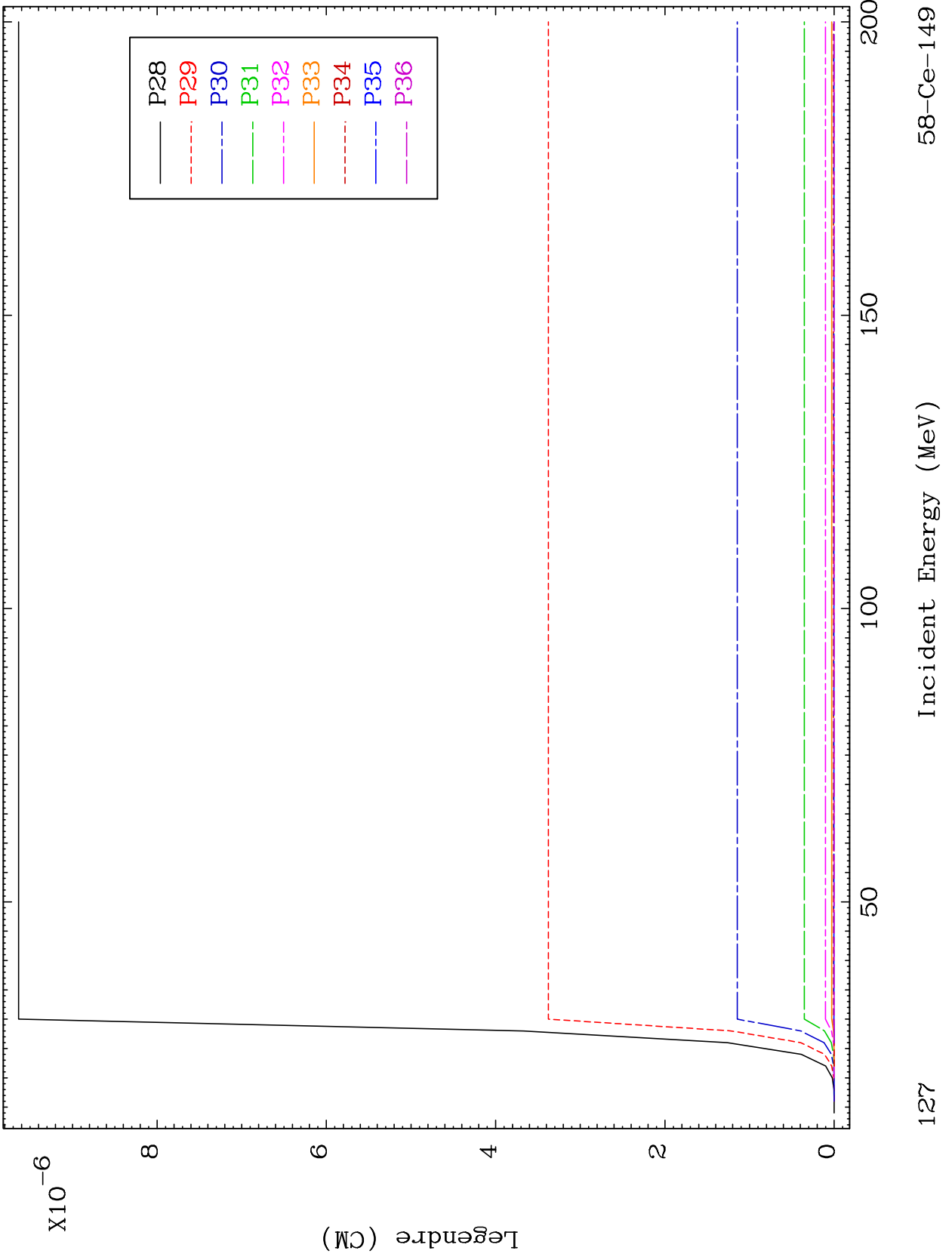
Incident Energy (MeV)

58-Ce-149

MAT 5864

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

58-Ce-149

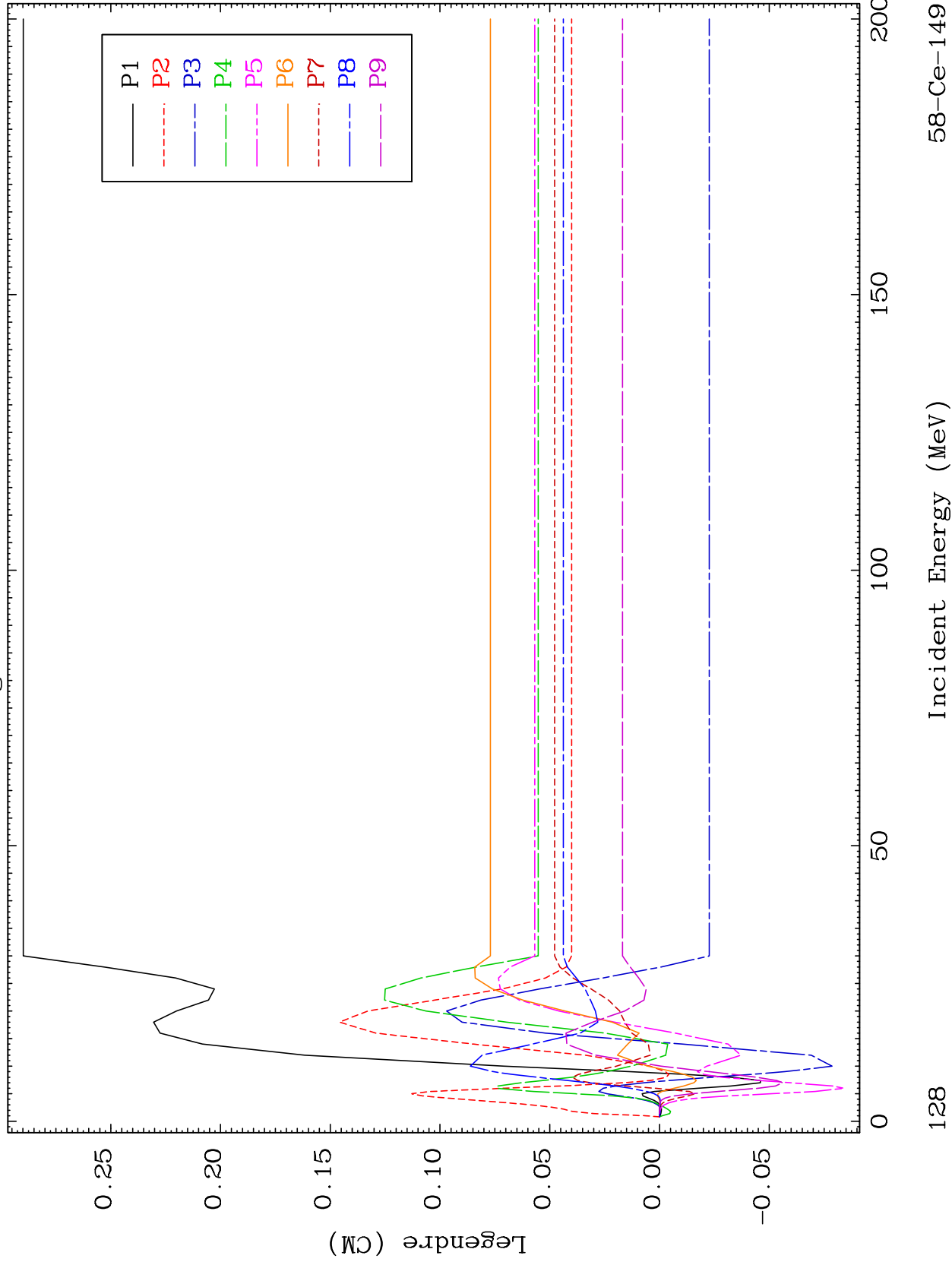


127

MAT 5864

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

58-Ce-149



58-Ce-149

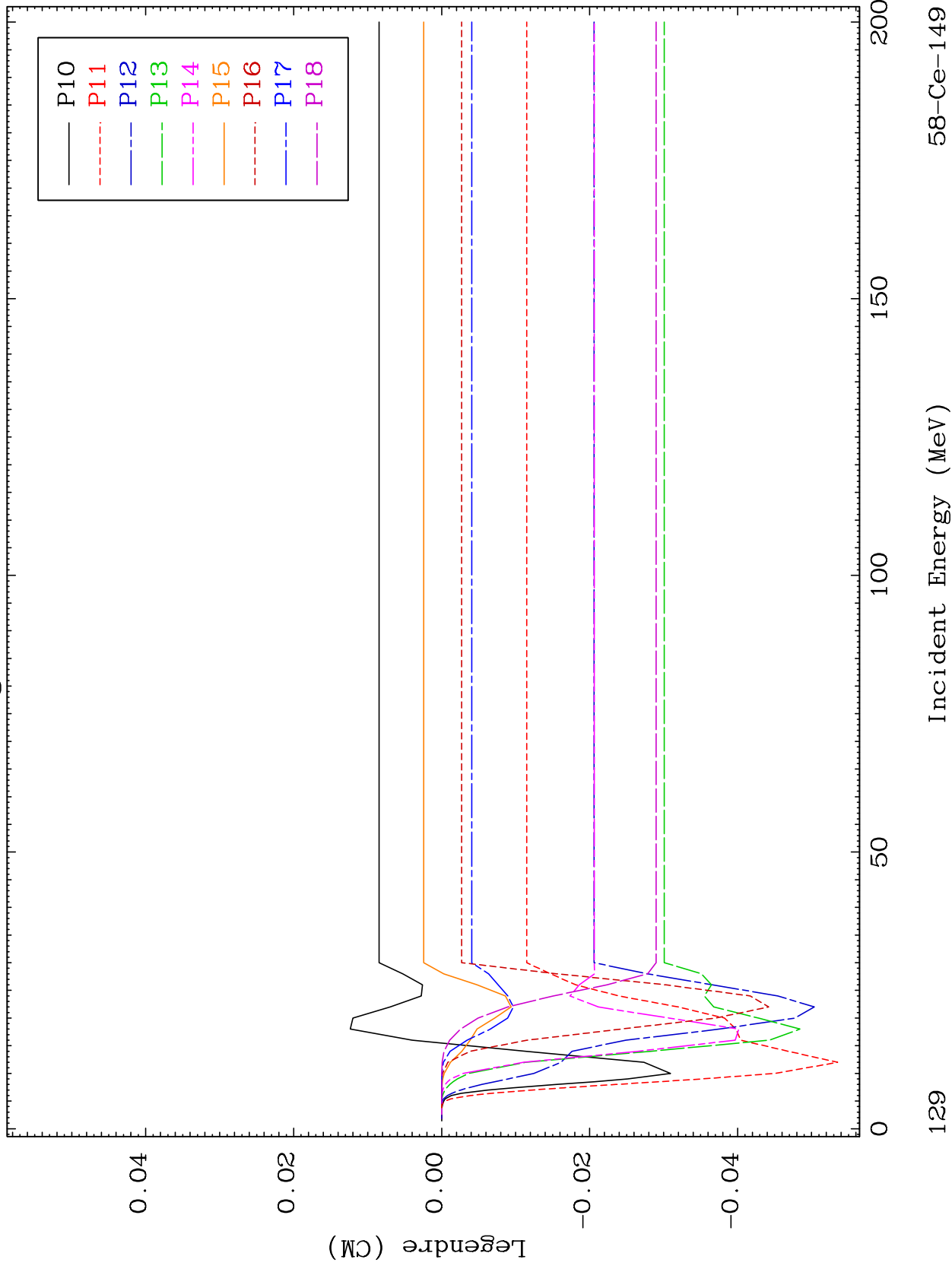
Incident Energy (MeV)

128

MAT 5864

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

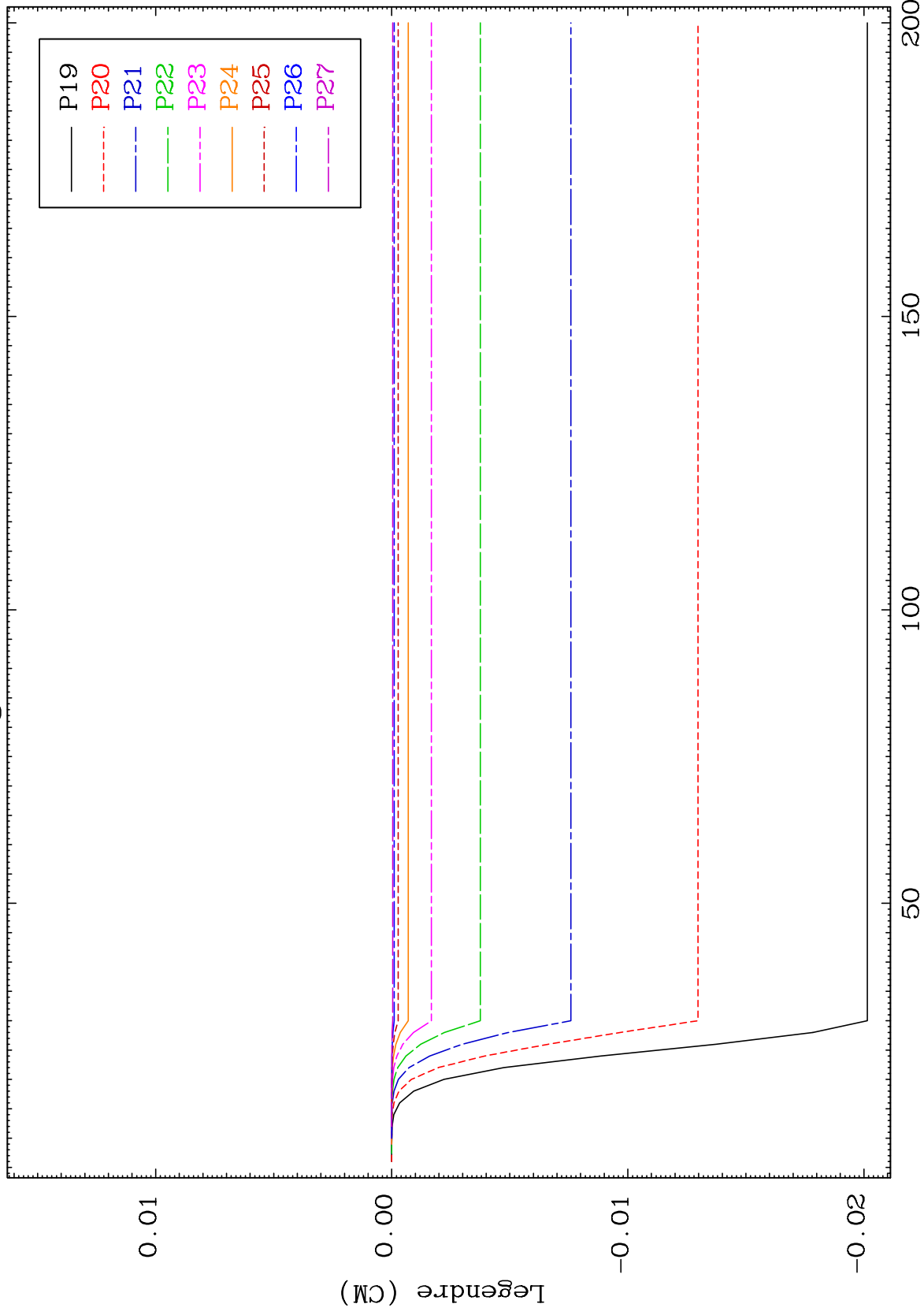
58-Ce-149



MAT 5864

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

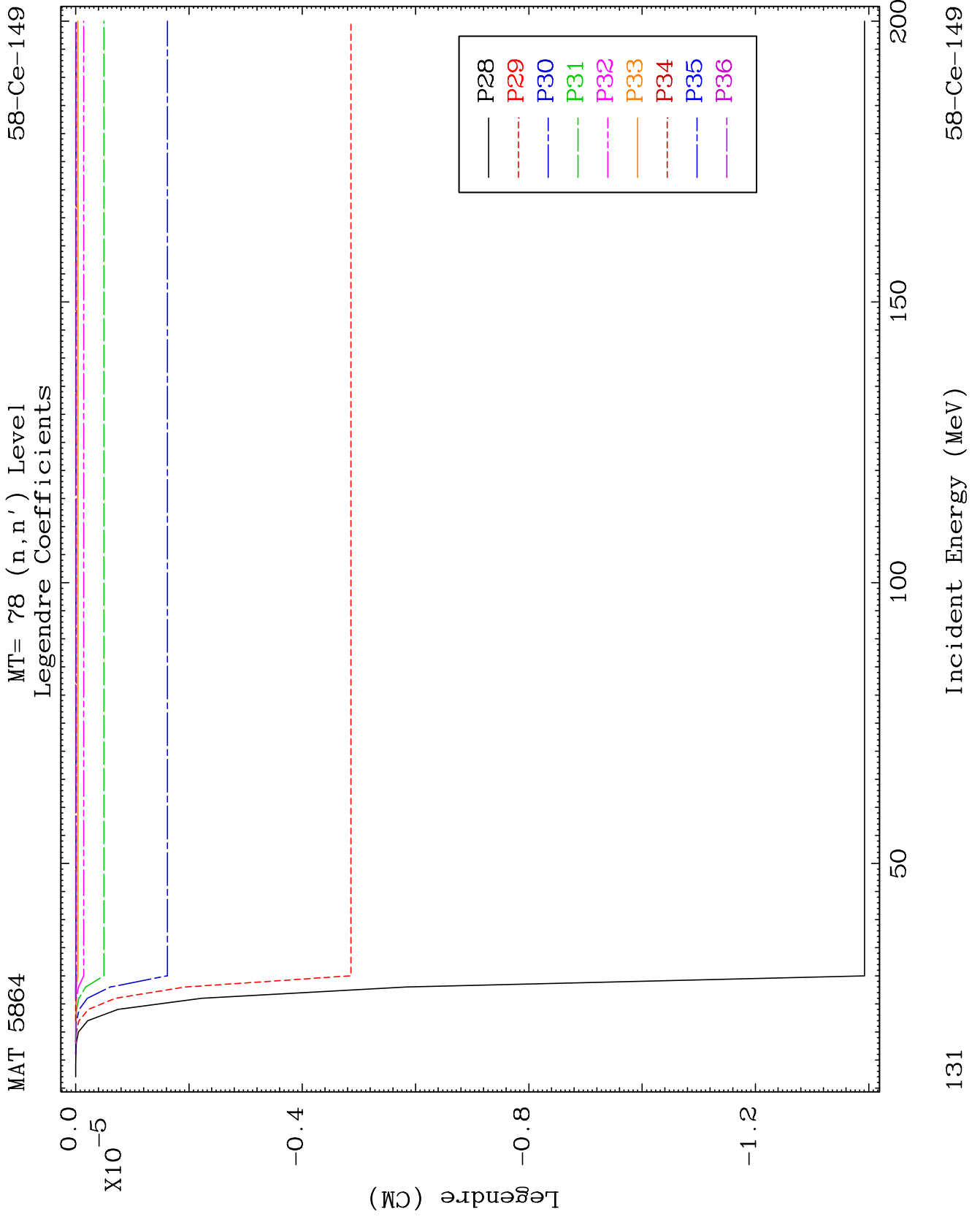
58-Ce-149



130

Incident Energy (MeV)

58-Ce-149

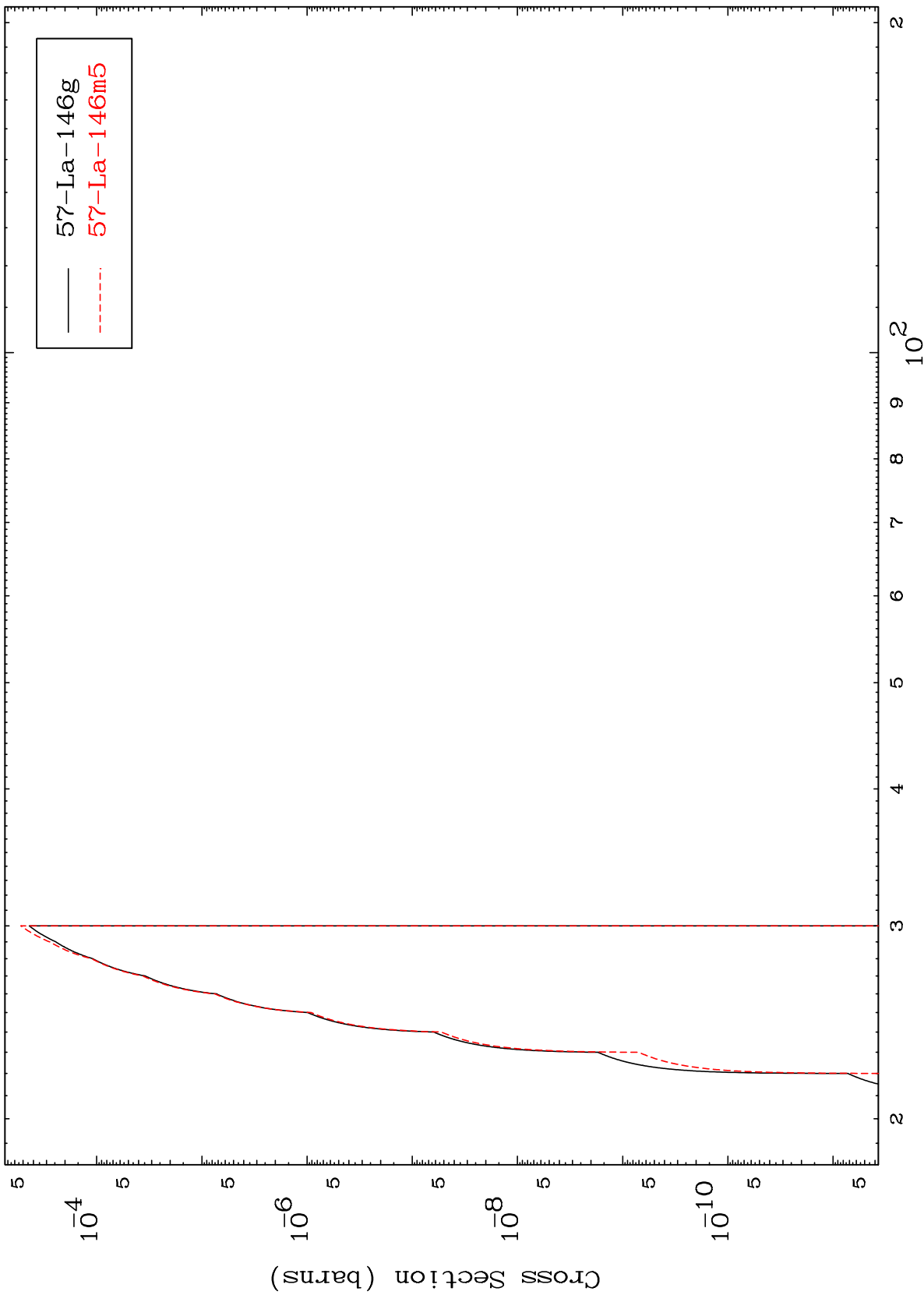


MAT 5864

(n,2n) d

58-Ce-149

Radionuclide Production Cross Section

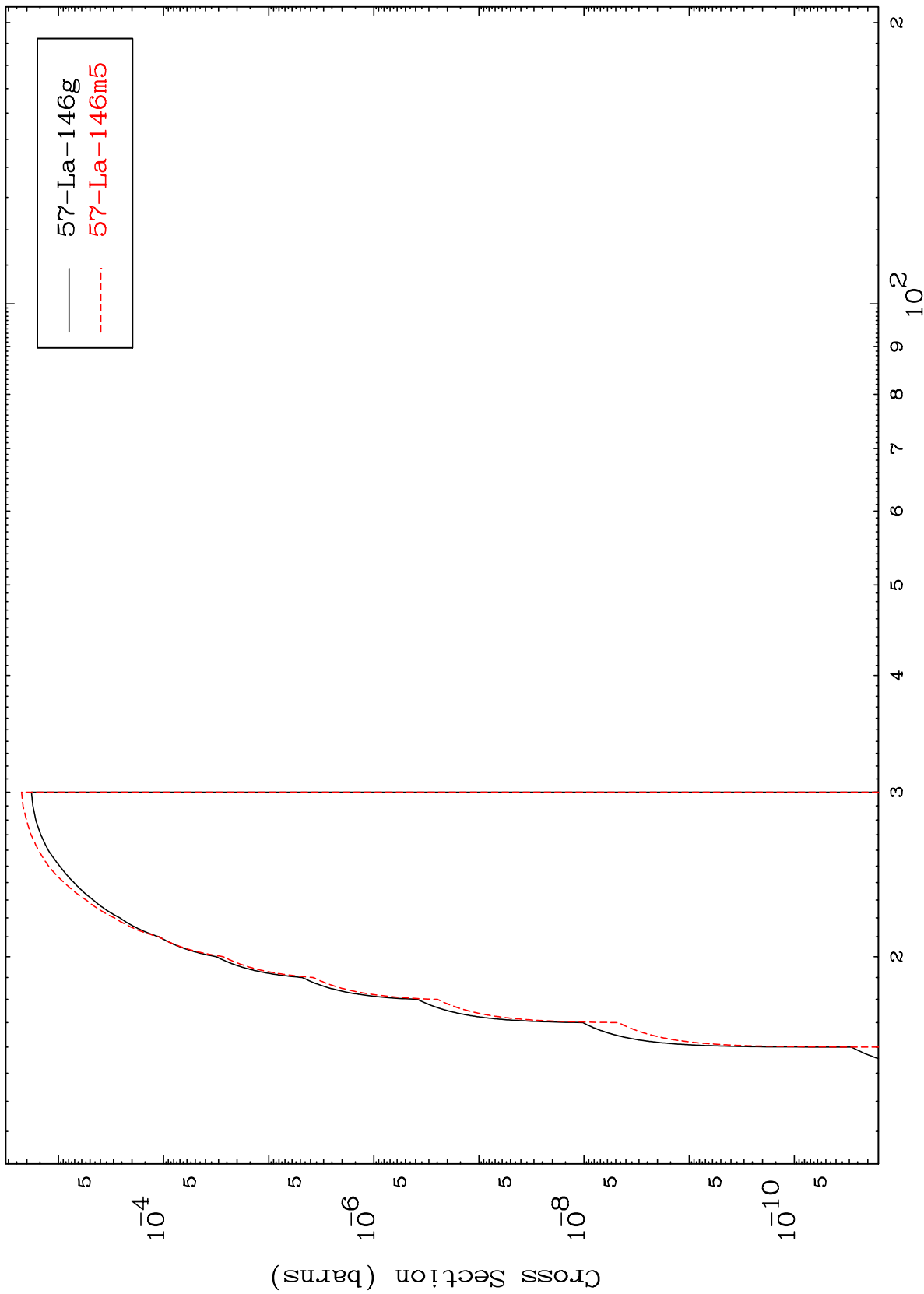


132

Incident Energy (MeV)

58-Ce-149

Radionuclide Production Cross Section

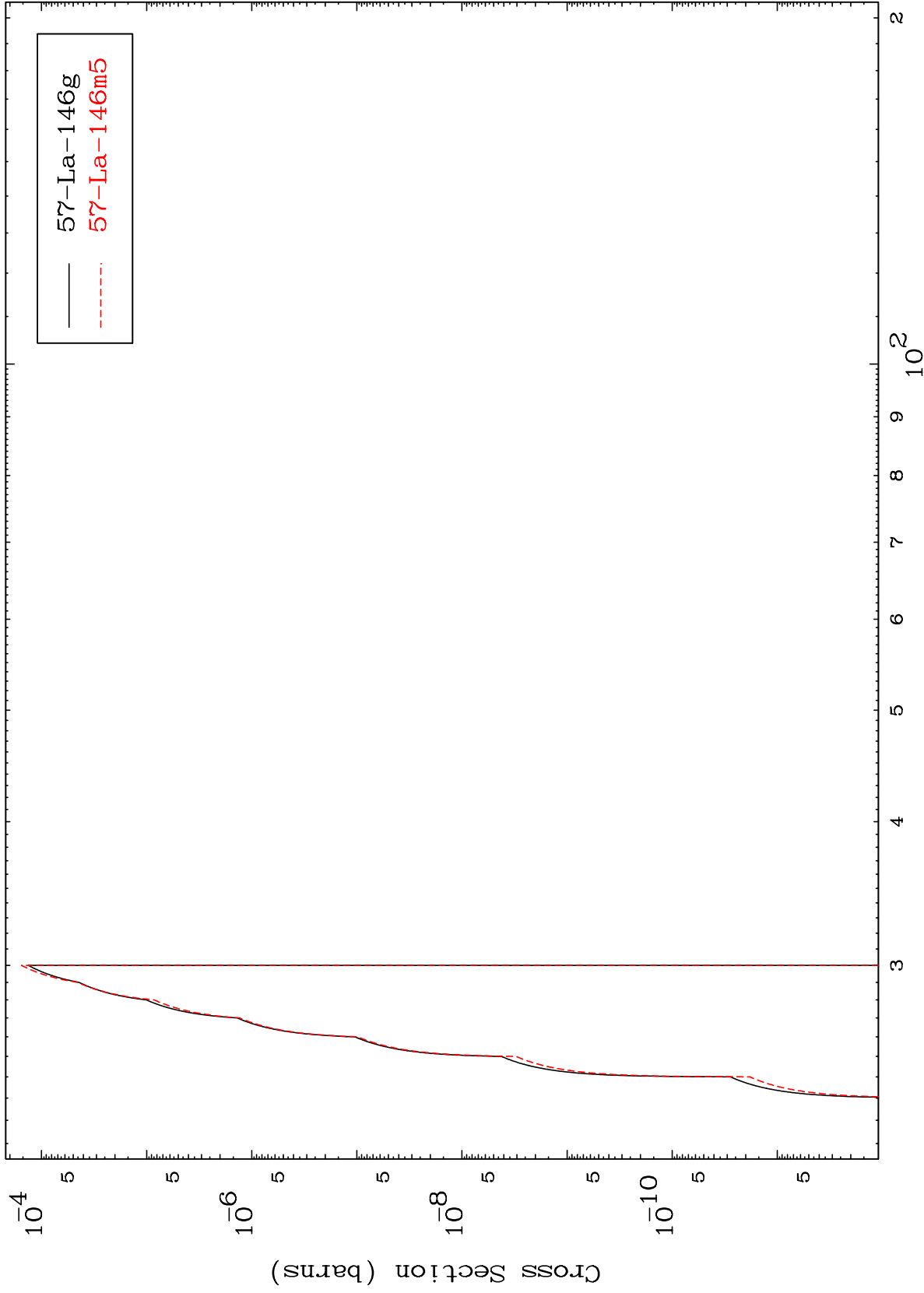


MAT 5864

(n,3n) p

58-Ce-149

Radionuclide Production Cross Section



134

Incident Energy (MeV)

58-Ce-149