

Program EVALPLOT
(Version 2015-2)

by

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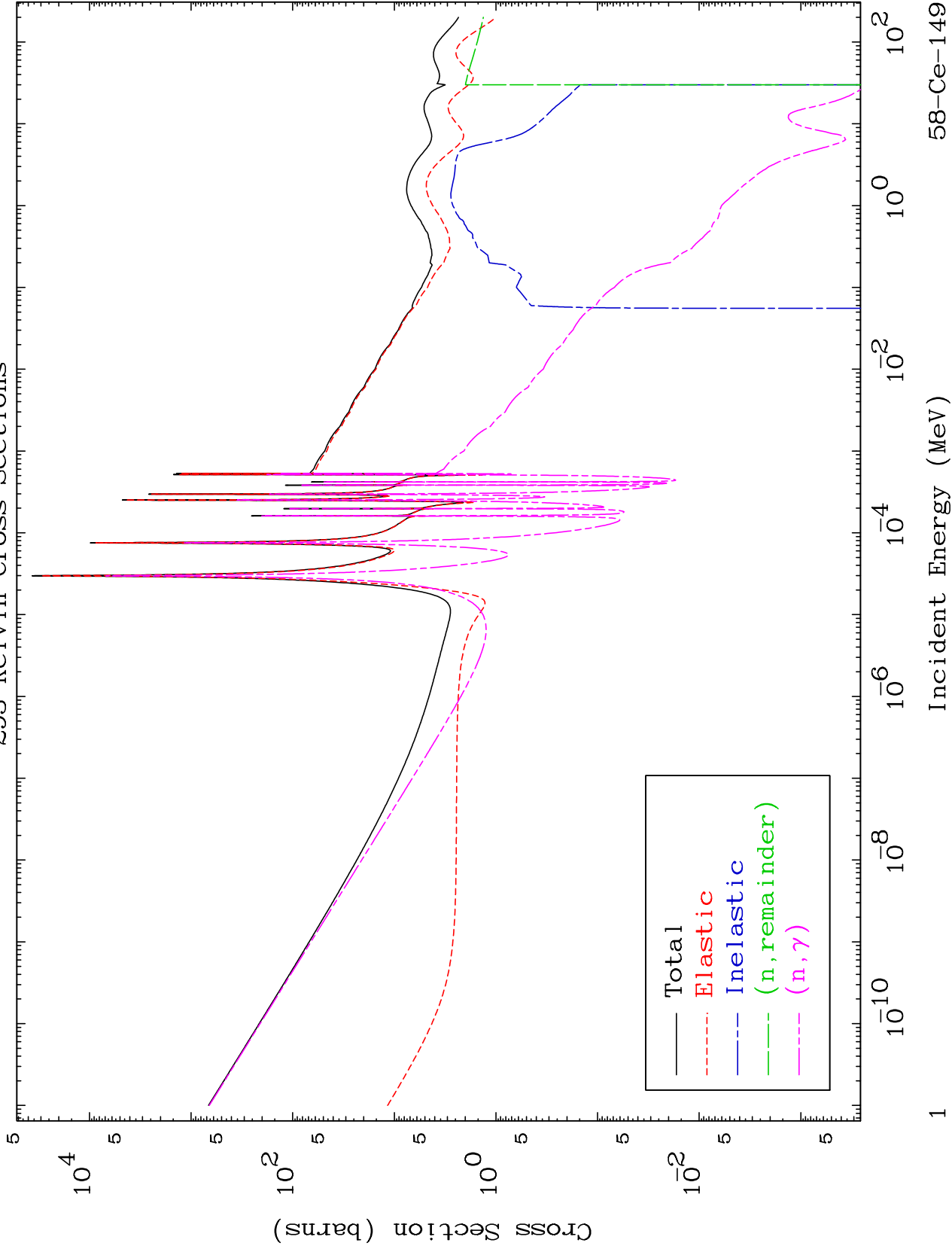
Press Mouse Button to Start

MAT 5864

Major

293 Kelvin Cross Sections

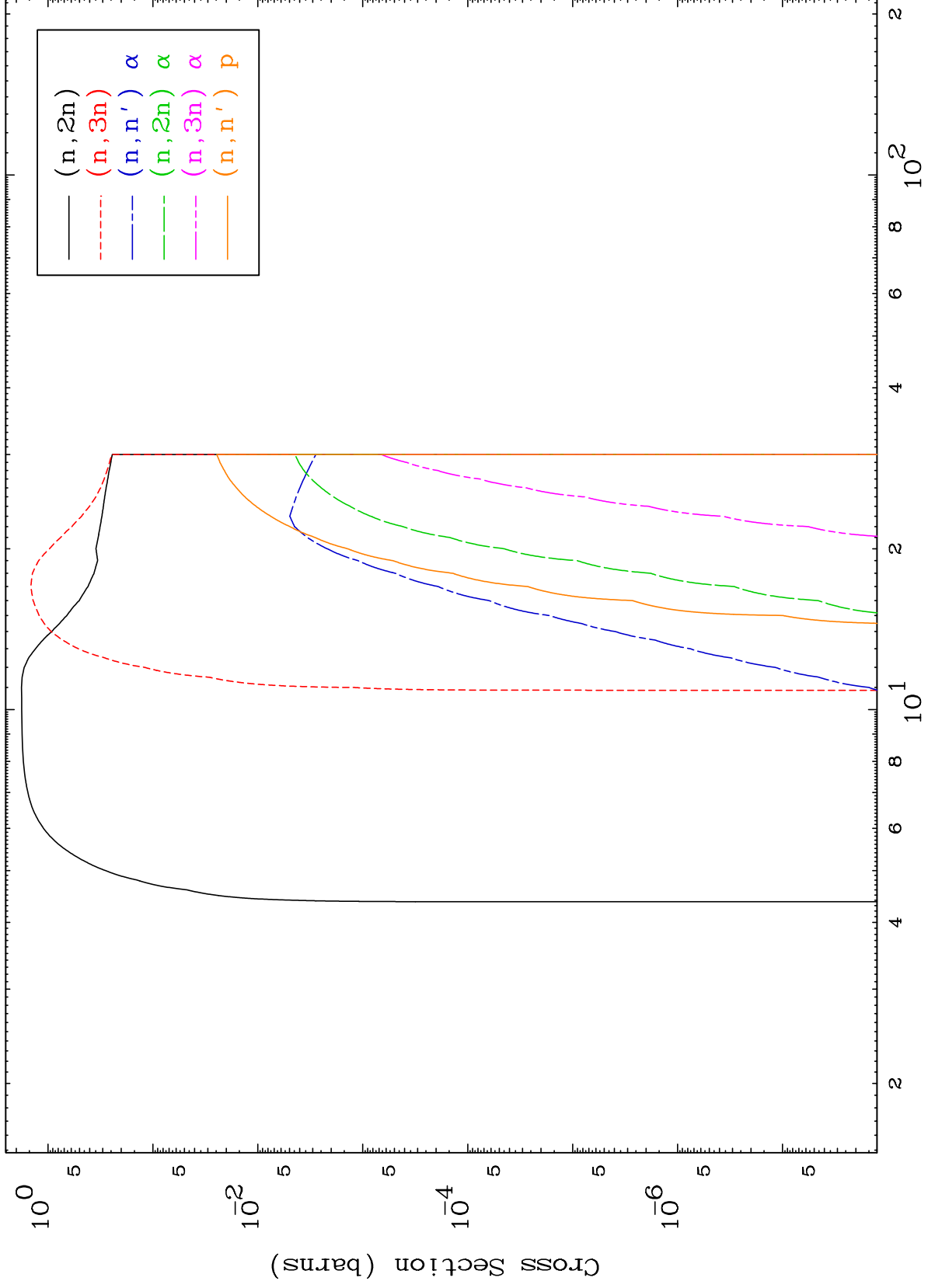
58-Ce-149



MAT 5864

Neutron Production
293 Kelvin Cross Sections

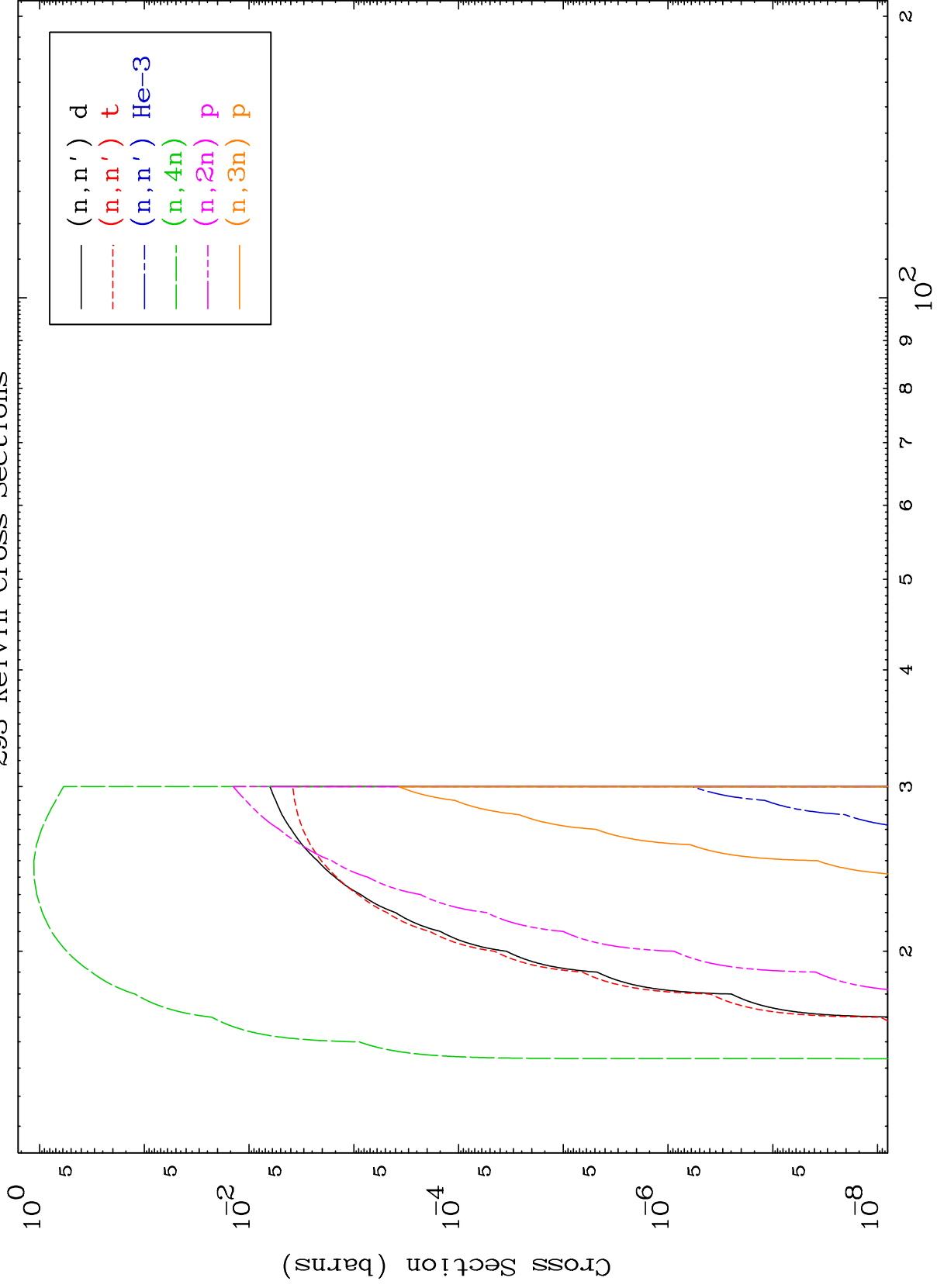
58-Ce-149



2

Incident Energy (MeV)

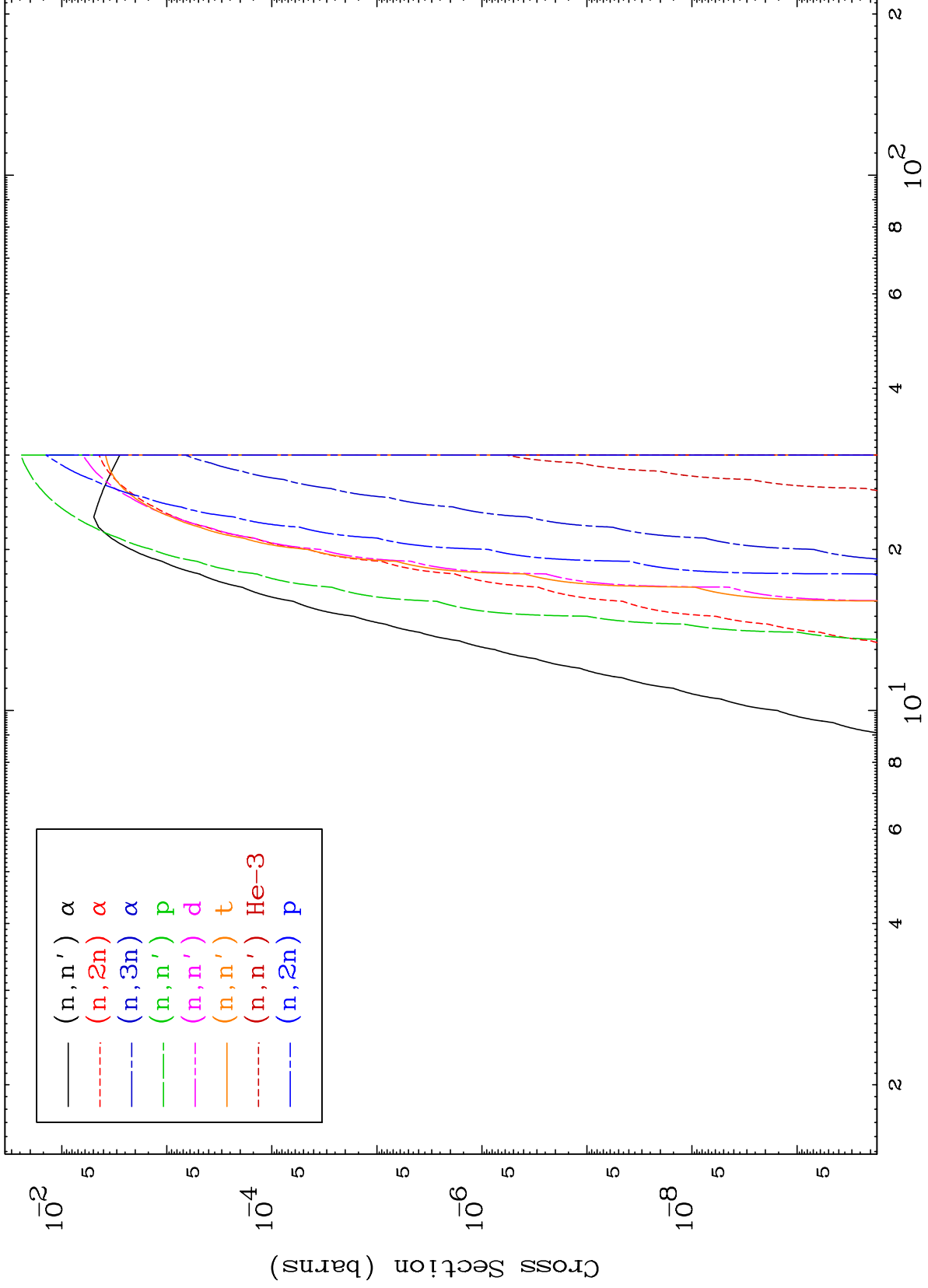
58-Ce-149



MAT 5864

Charged Particle
293 Kelvin Cross Sections

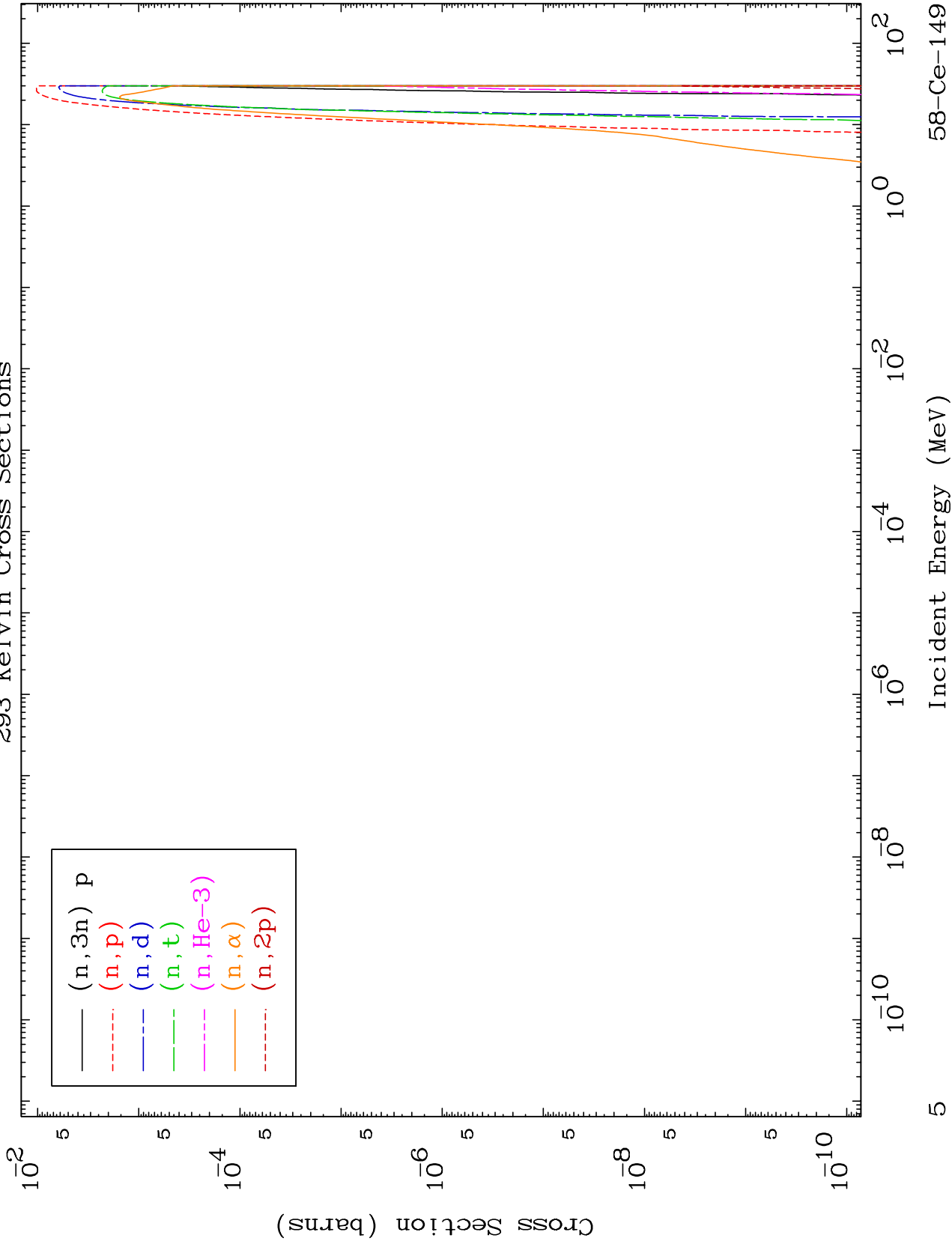
58-Ce-149



MAT 5864

Charged Particle
293 Kelvin Cross Sections

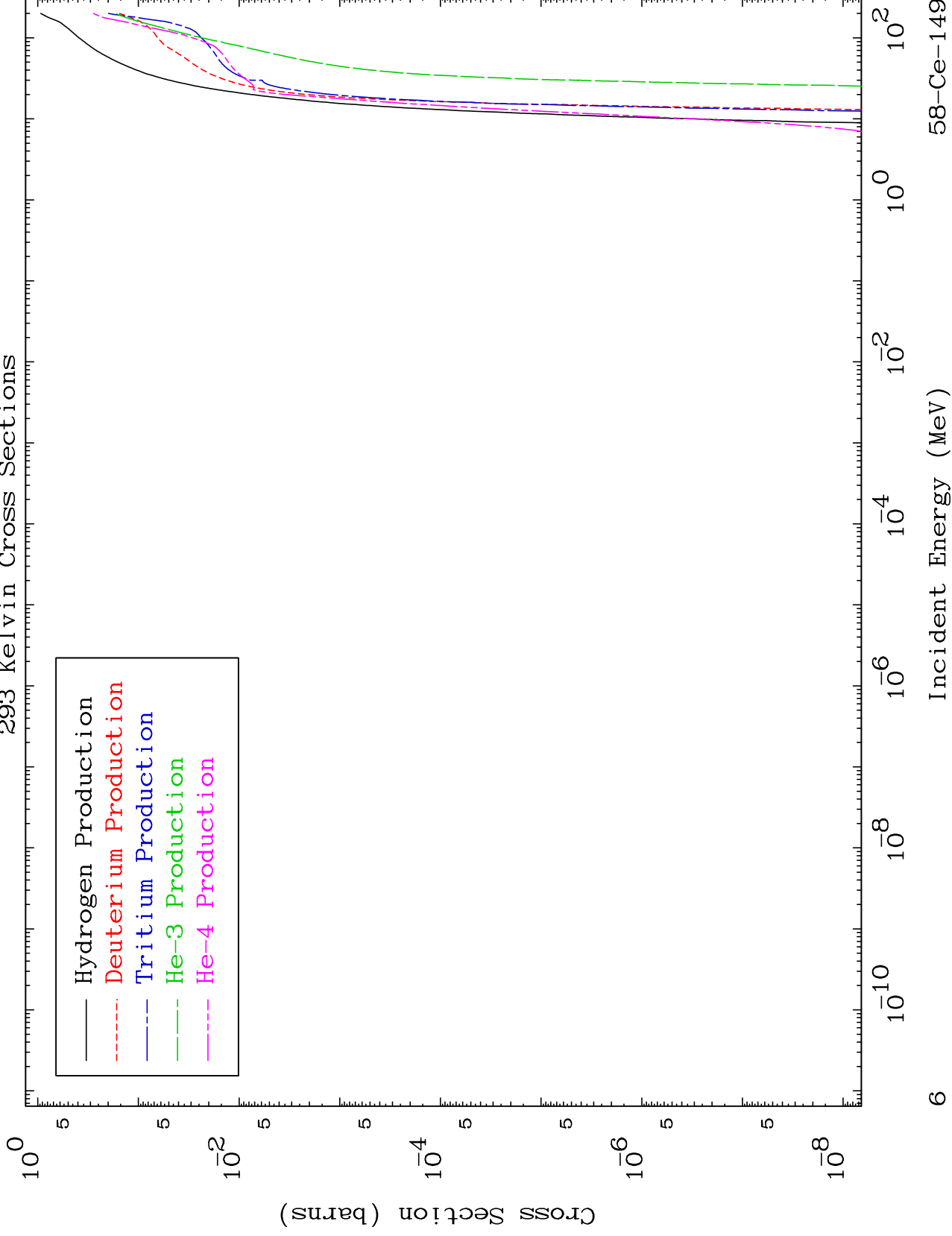
58-Ce-149



MAT 5864

Particle Production
293 Kelvin Cross Sections

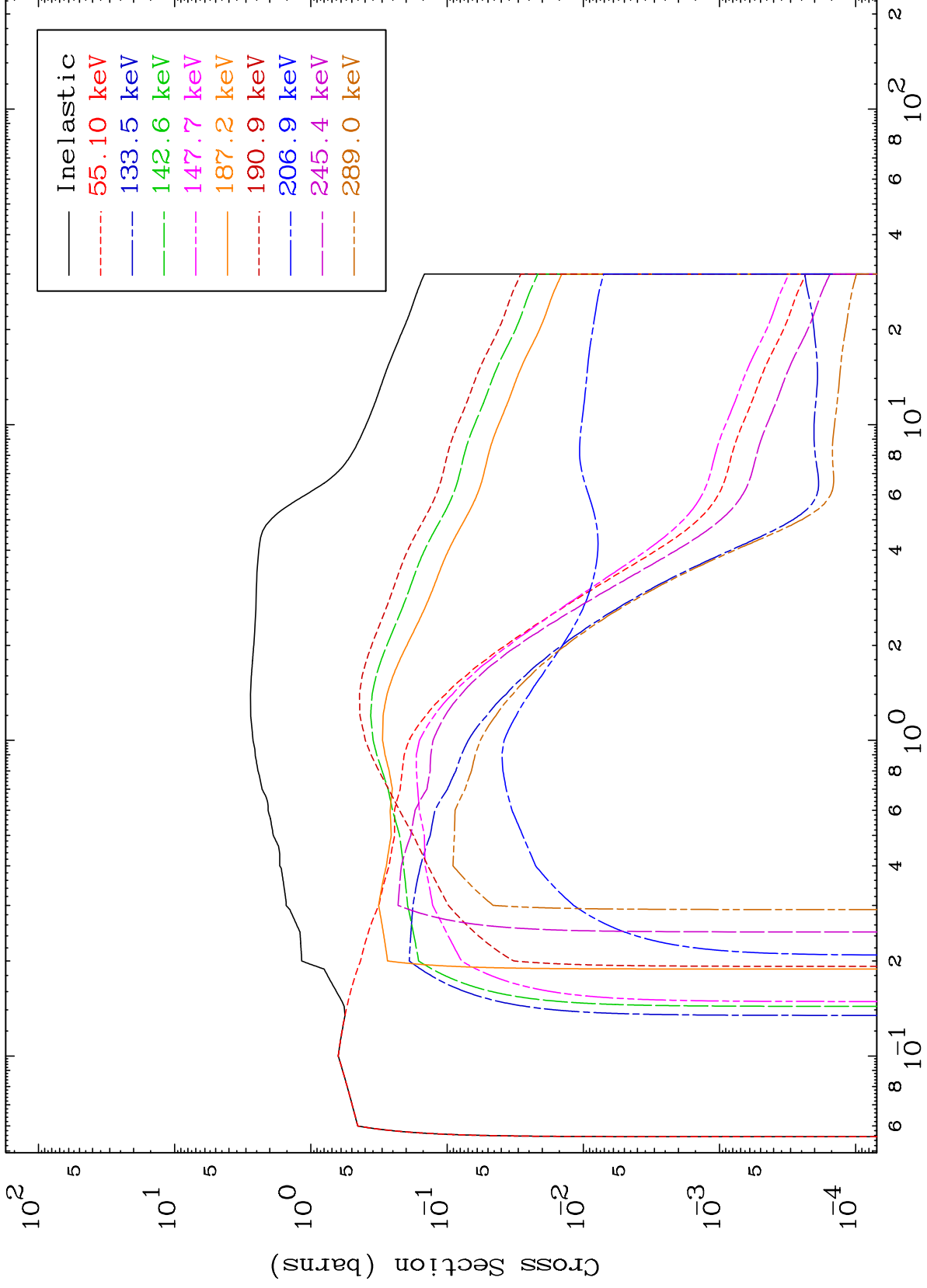
58-Ce-149



MAT 5864

(n,n') Level
293 Kelvin Cross Sections

58-Ce-149



7

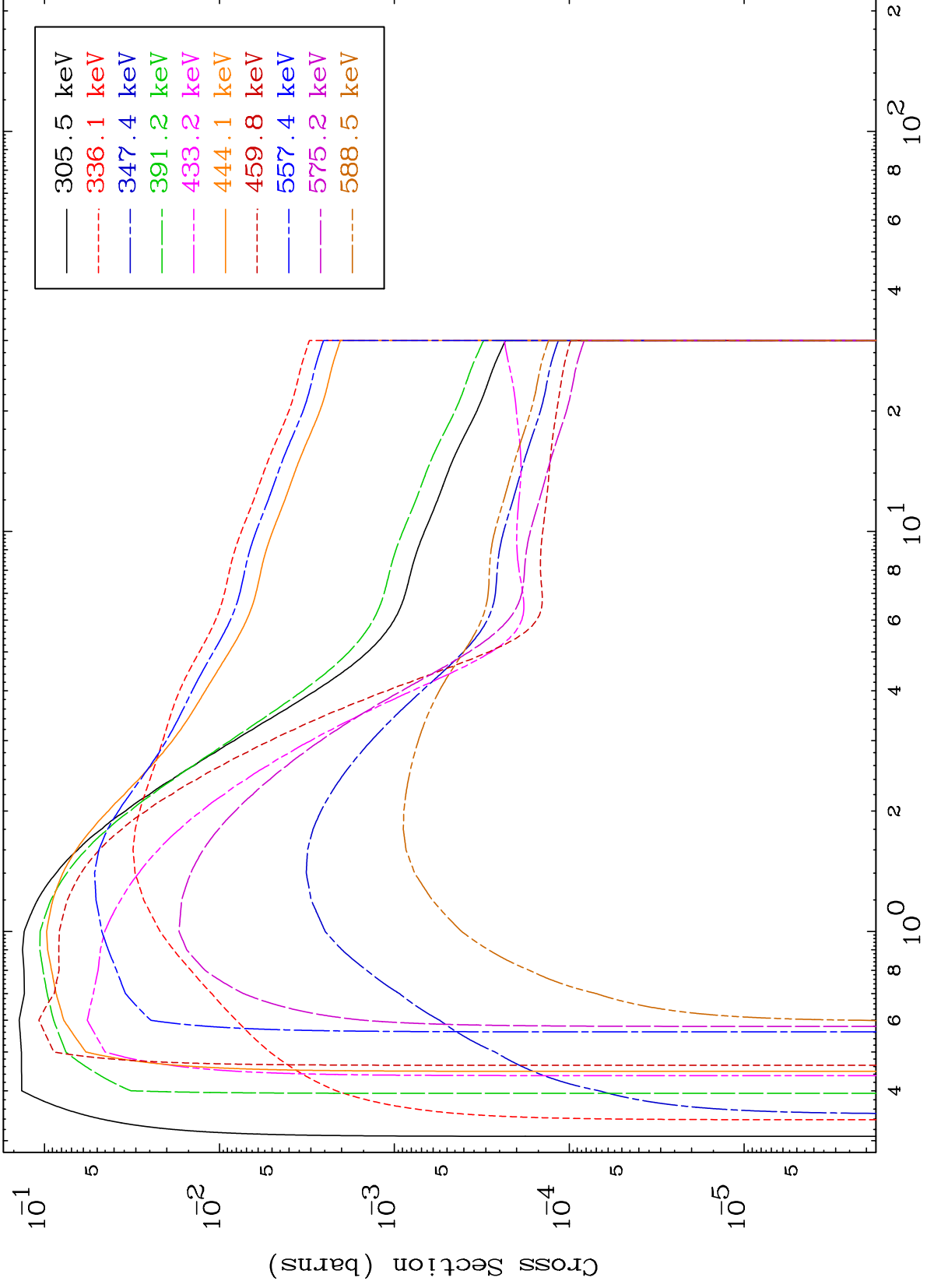
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,n') Level
293 Kelvin Cross Sections

58-Ce-149



8

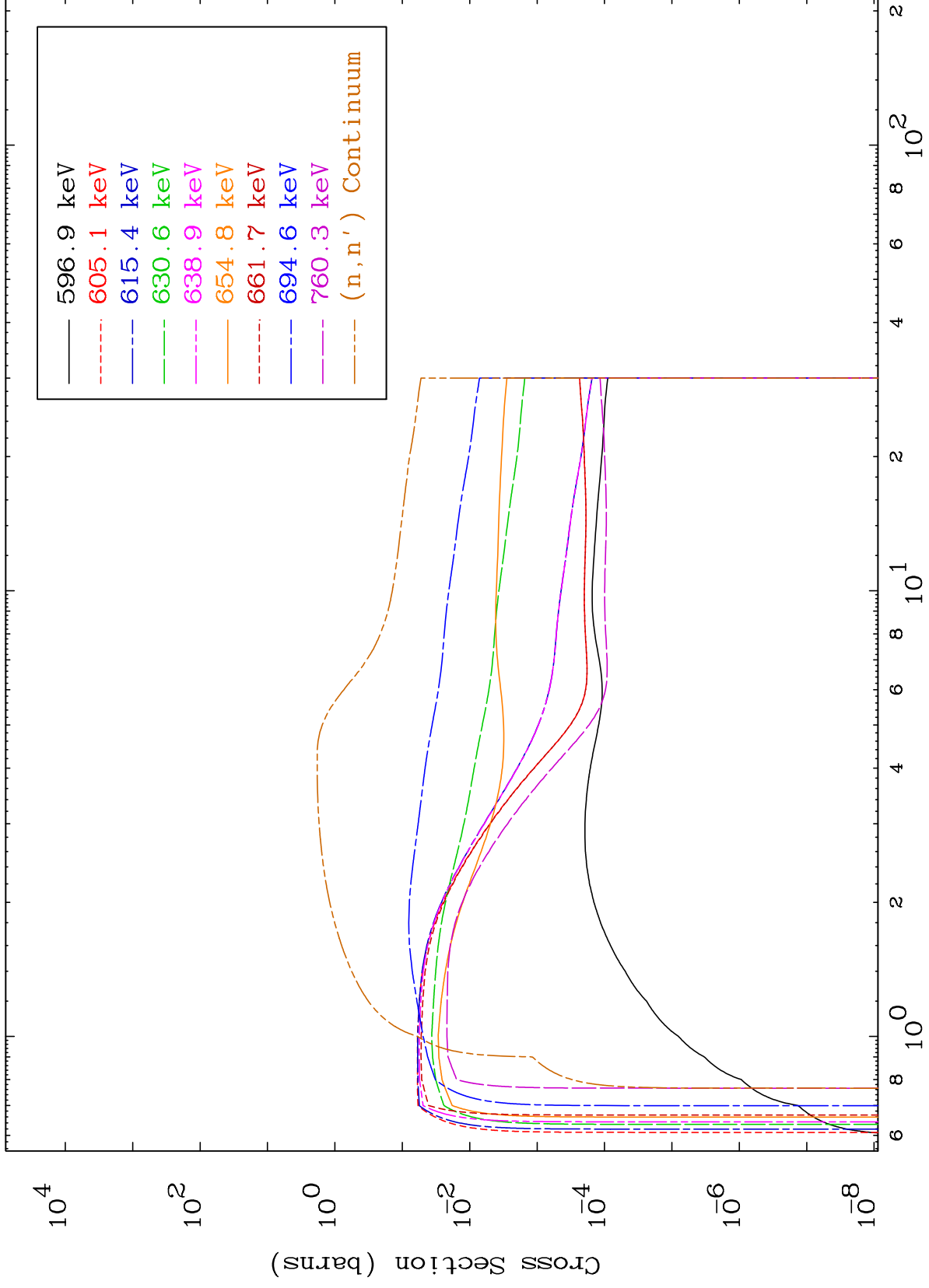
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,n') Level
293 Kelvin Cross Sections

58-Ce-149



9

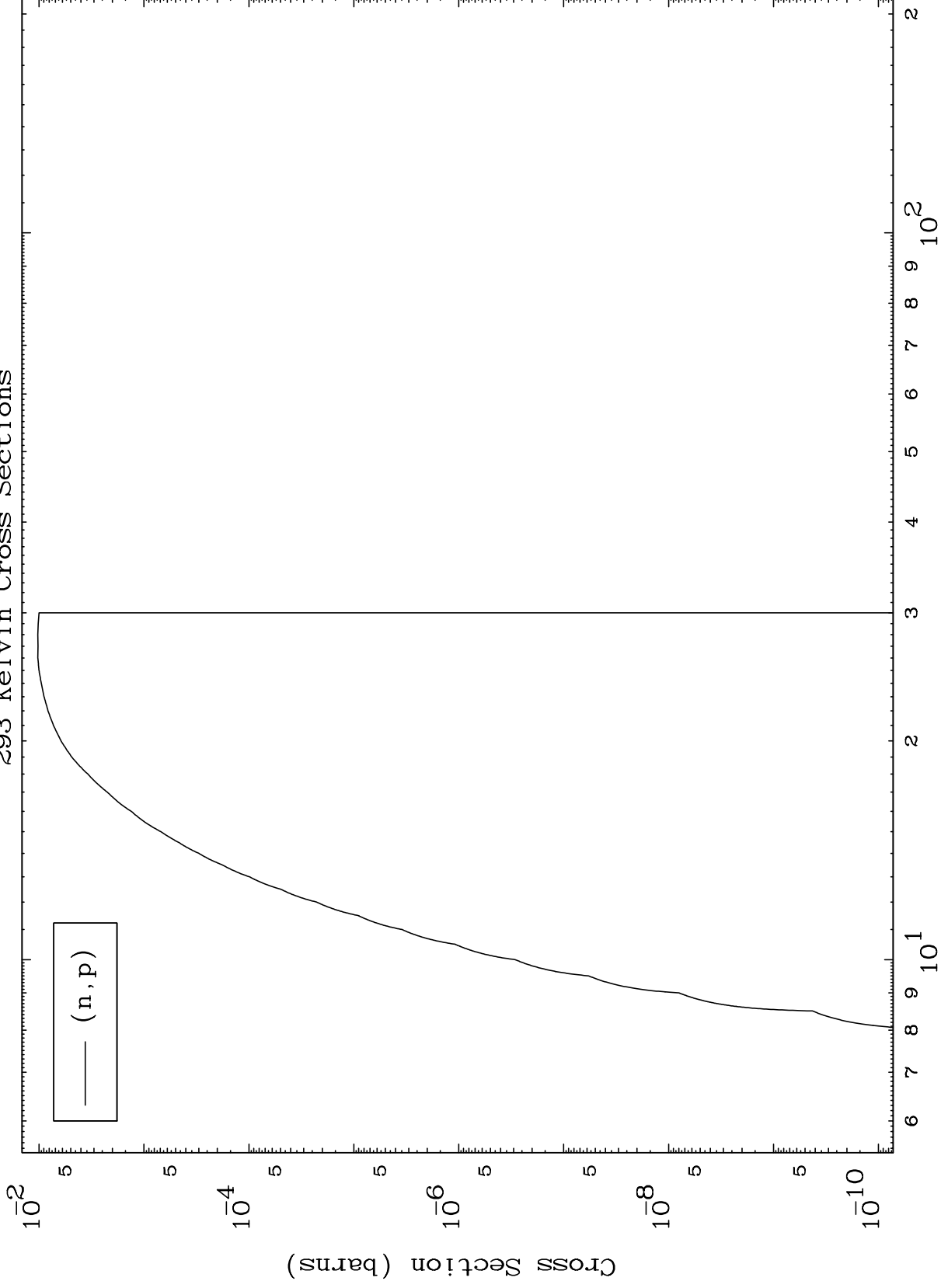
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-149



10

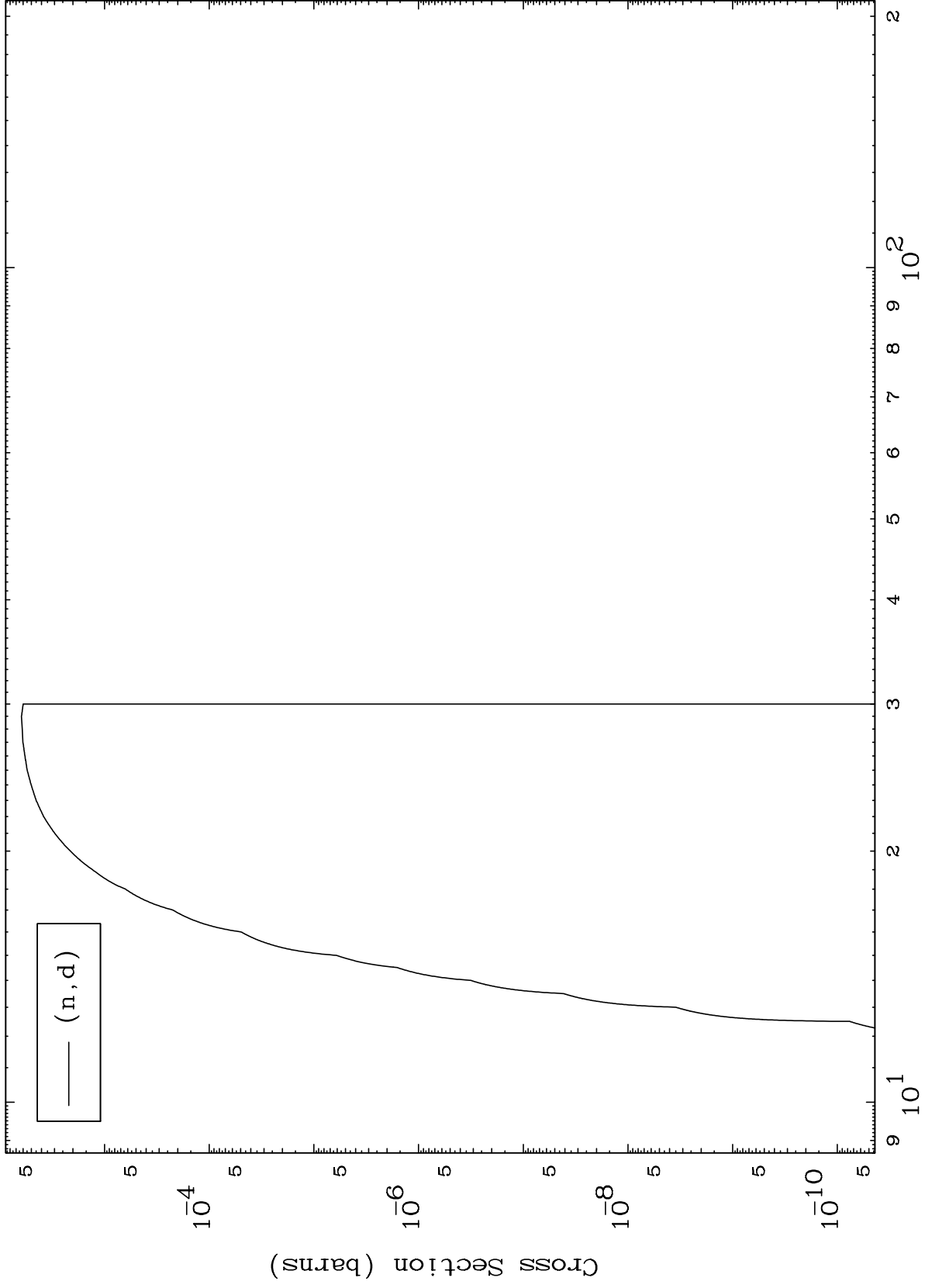
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-149



11

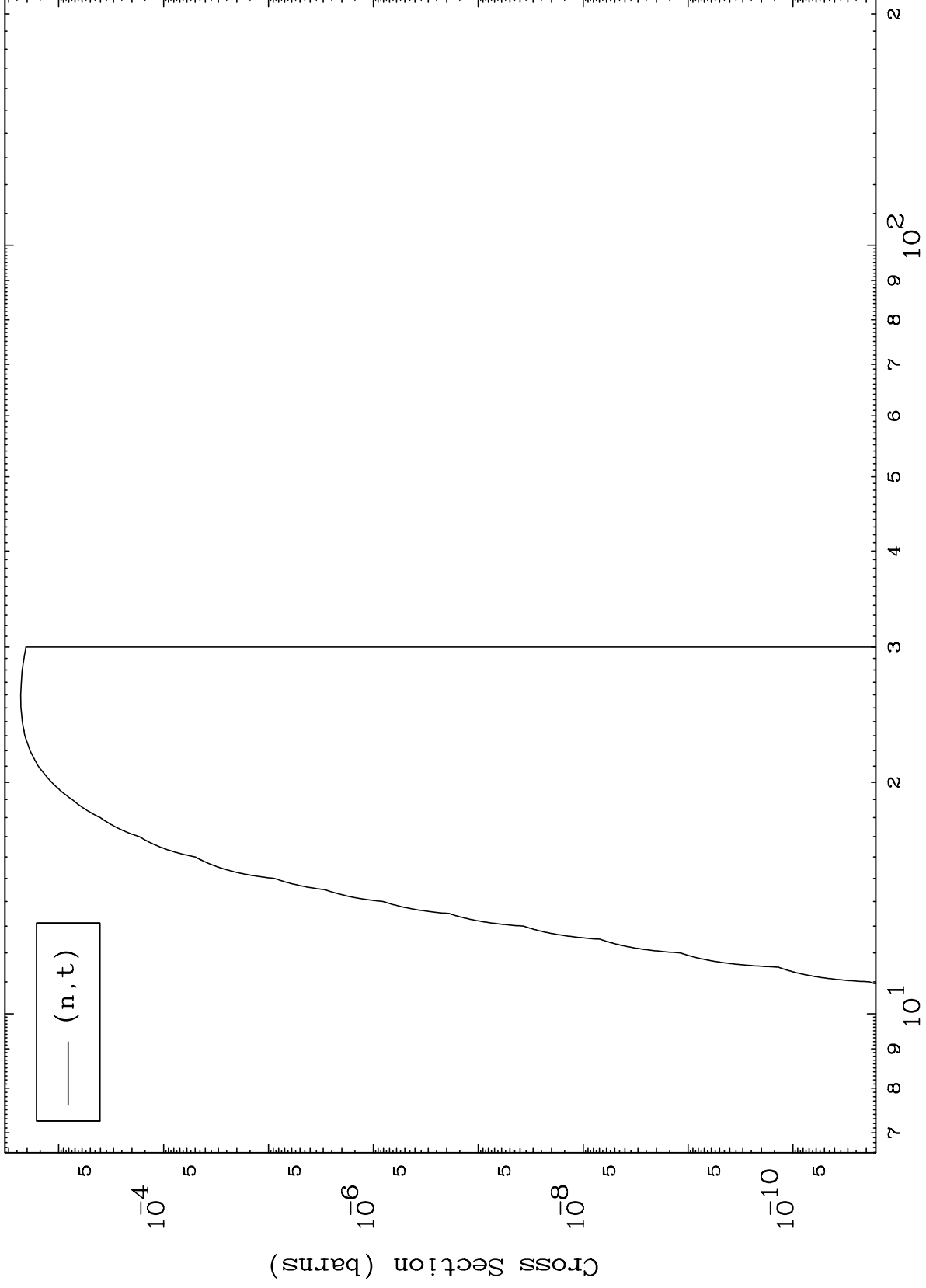
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-149



12

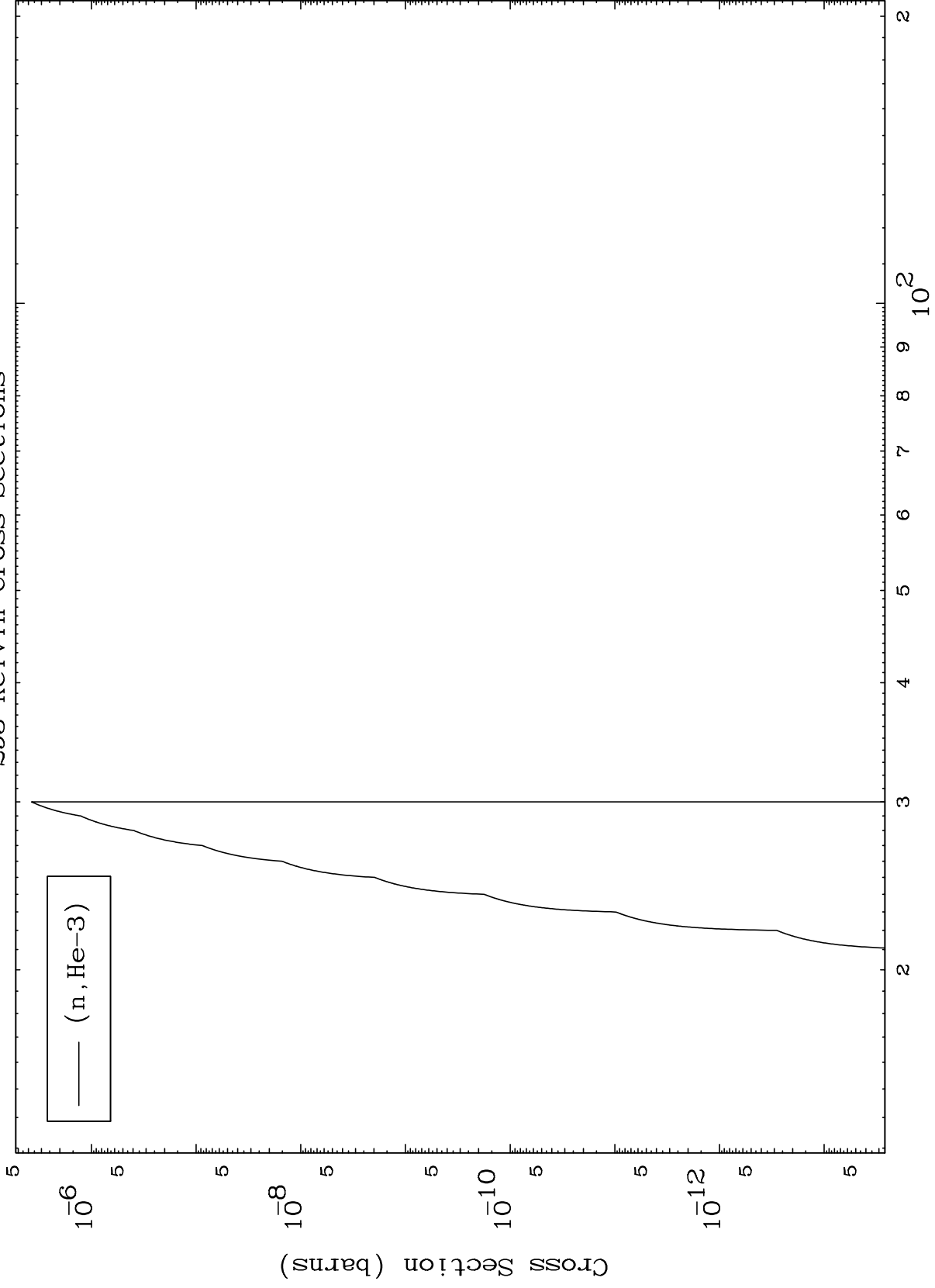
Incident Energy (MeV)

58-Ce-149

MAT 5864

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-149



13

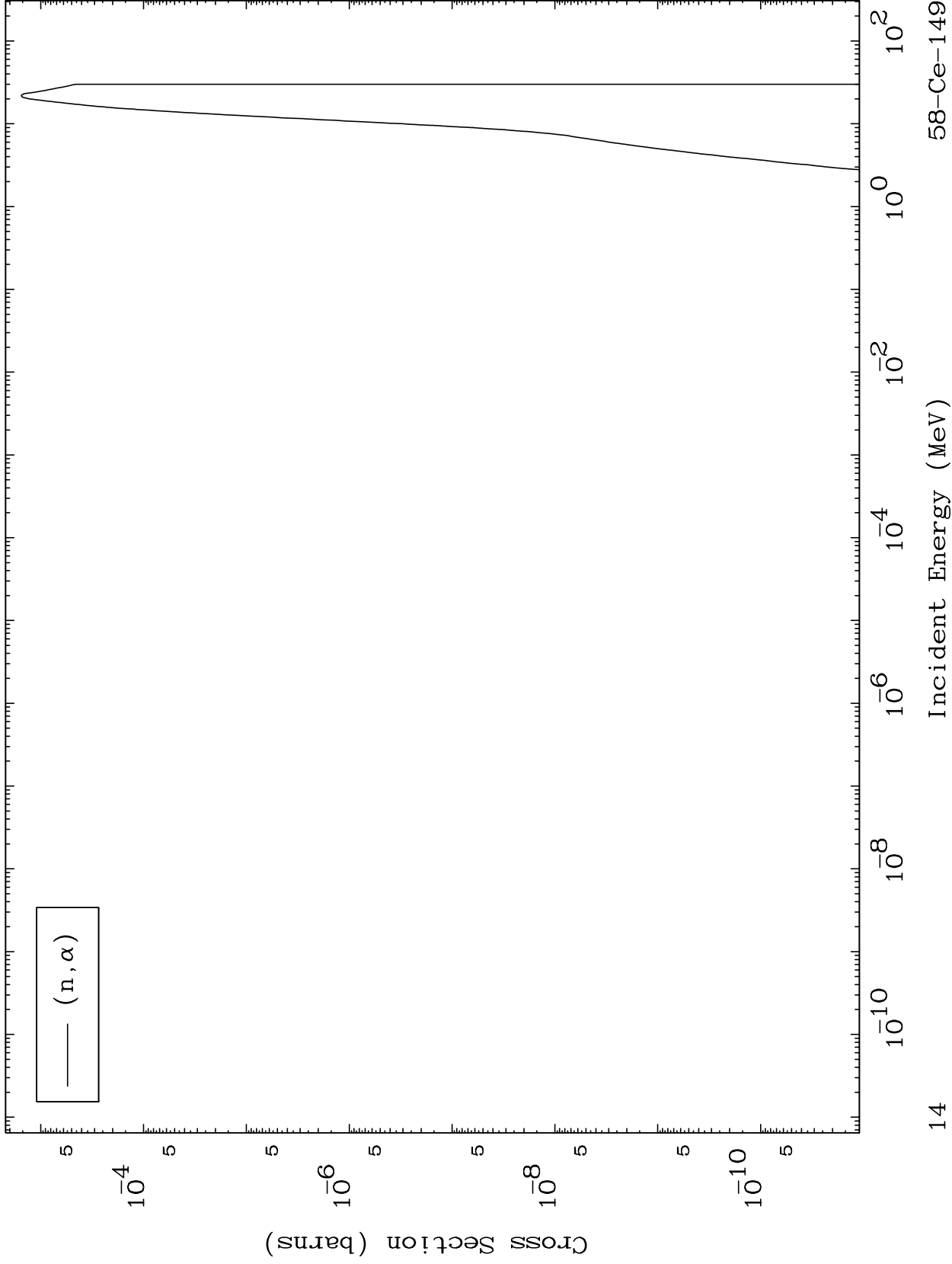
Incident Energy (MeV)

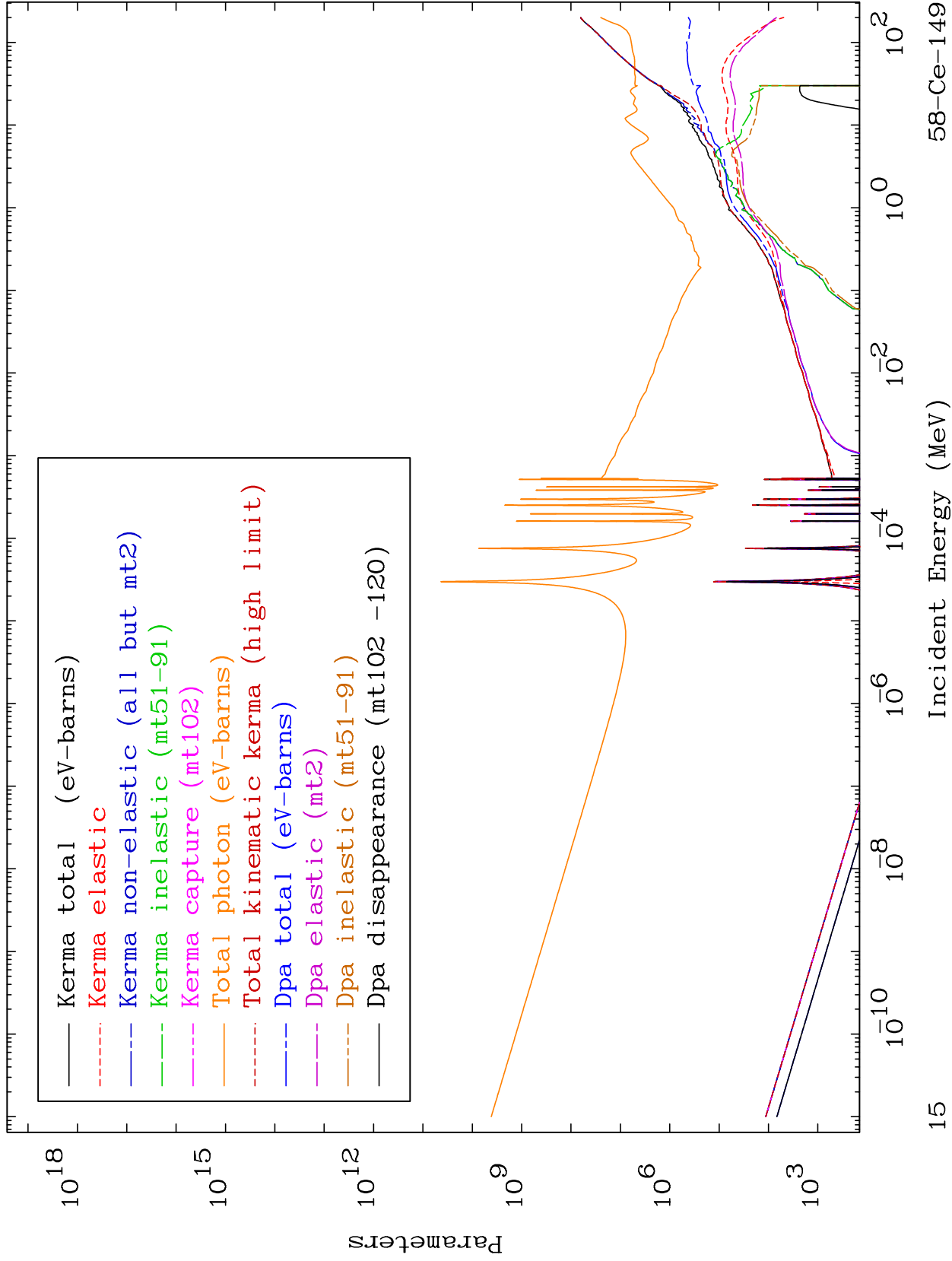
58-Ce-149

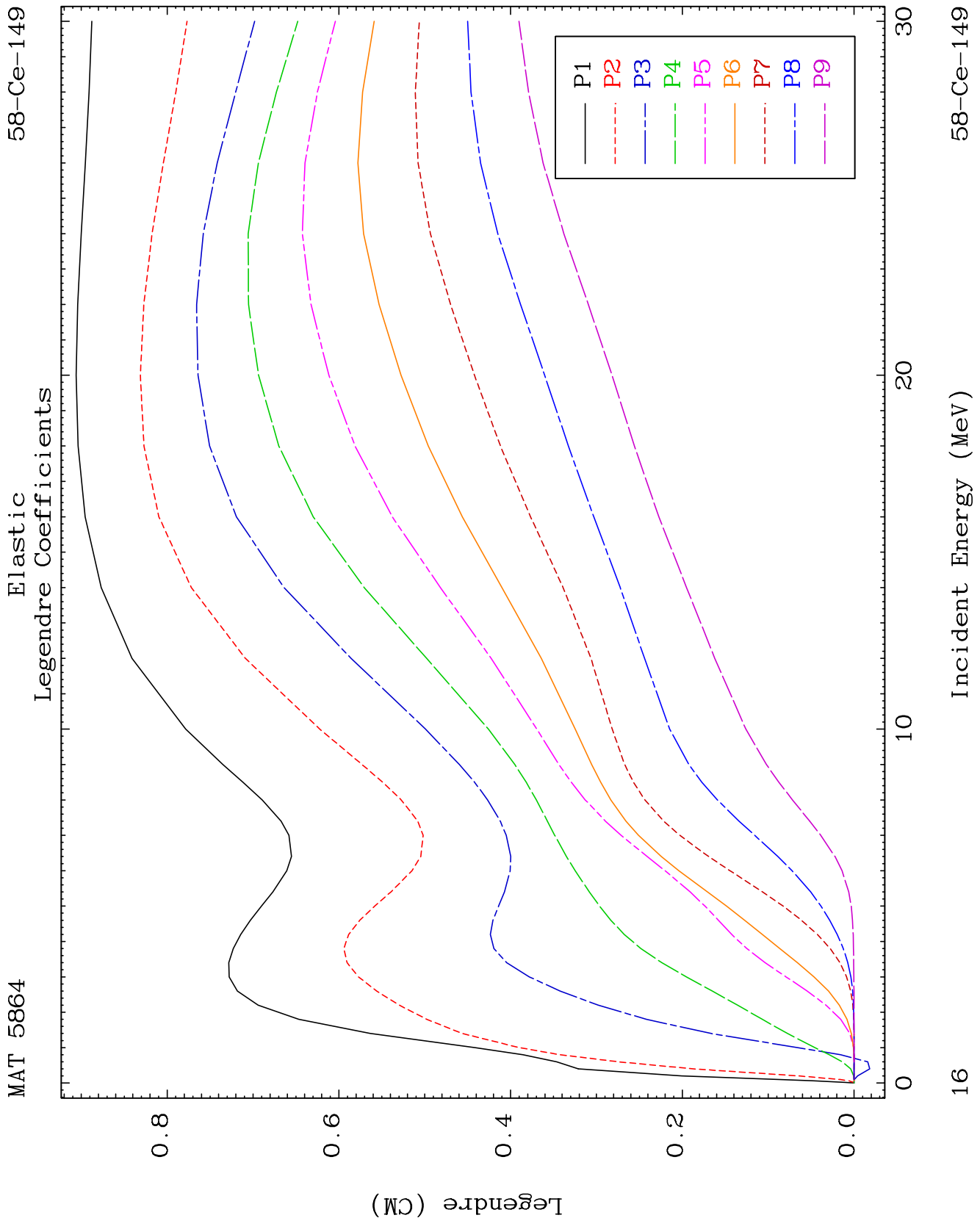
MAT 5864

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-149



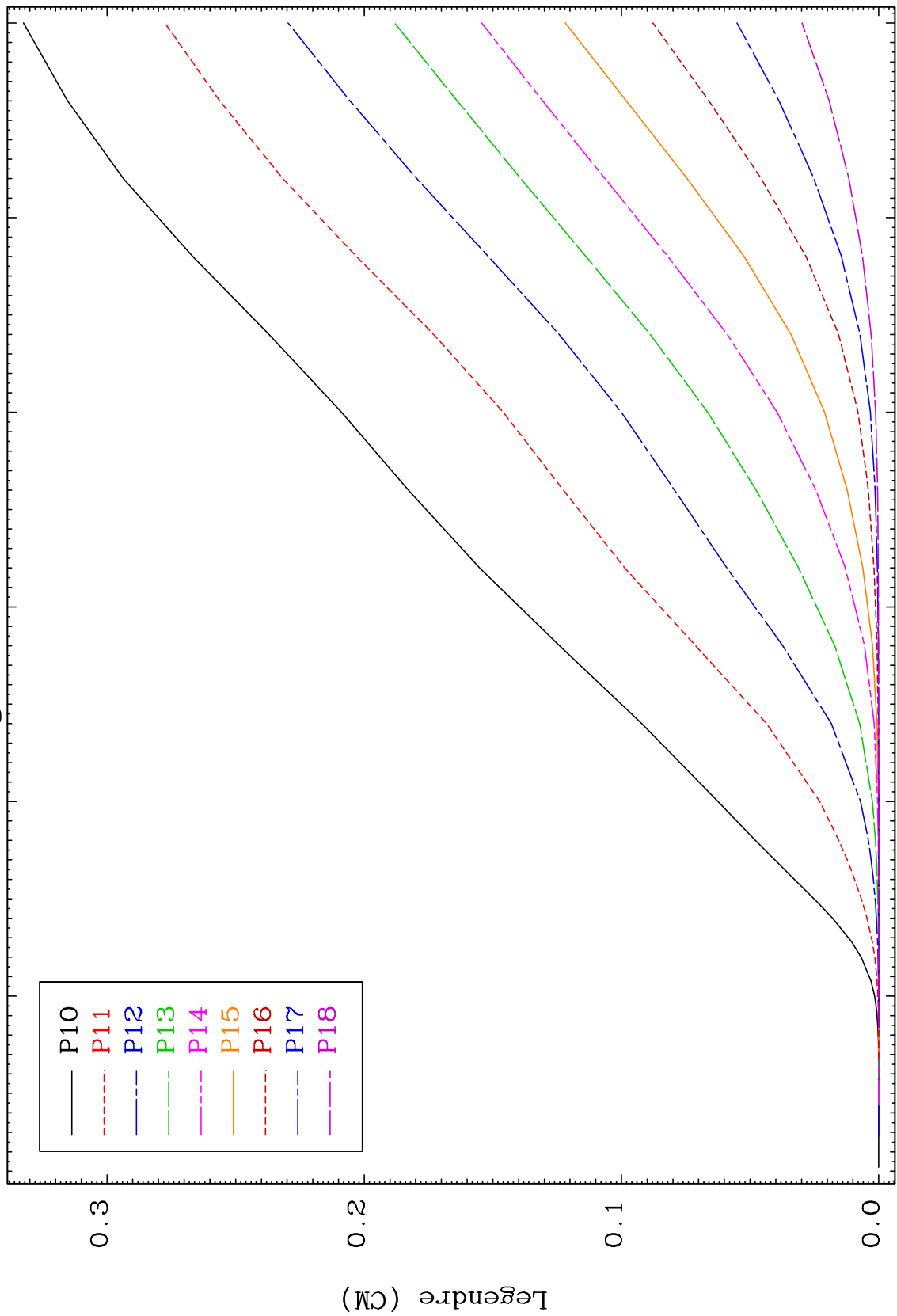




MAT 5864

Elastic Legendre Coefficients

58-Ce-149



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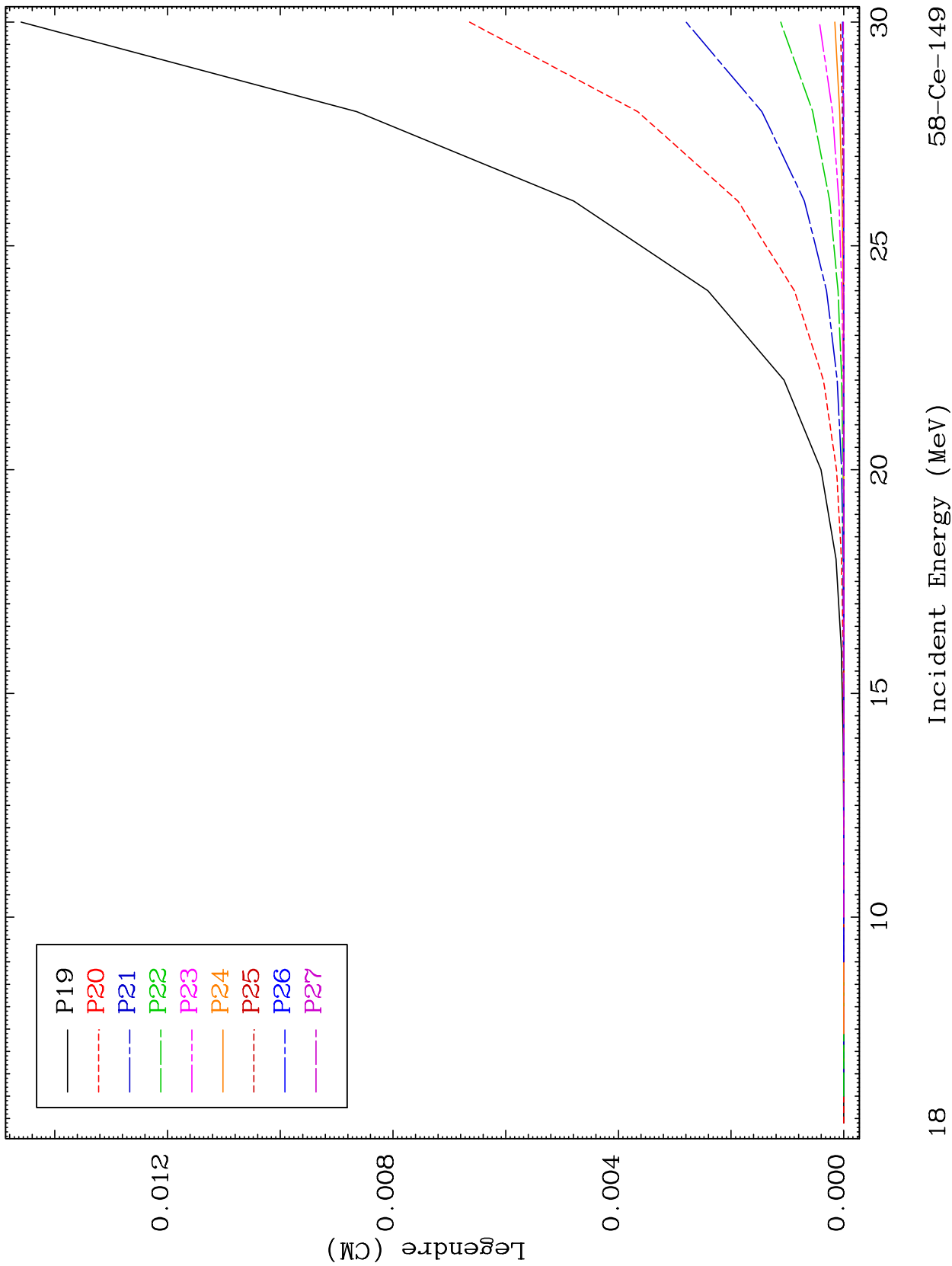
Incident Energy (MeV)

58-Ce-149

MAT 5864

Elastic Legendre Coefficients

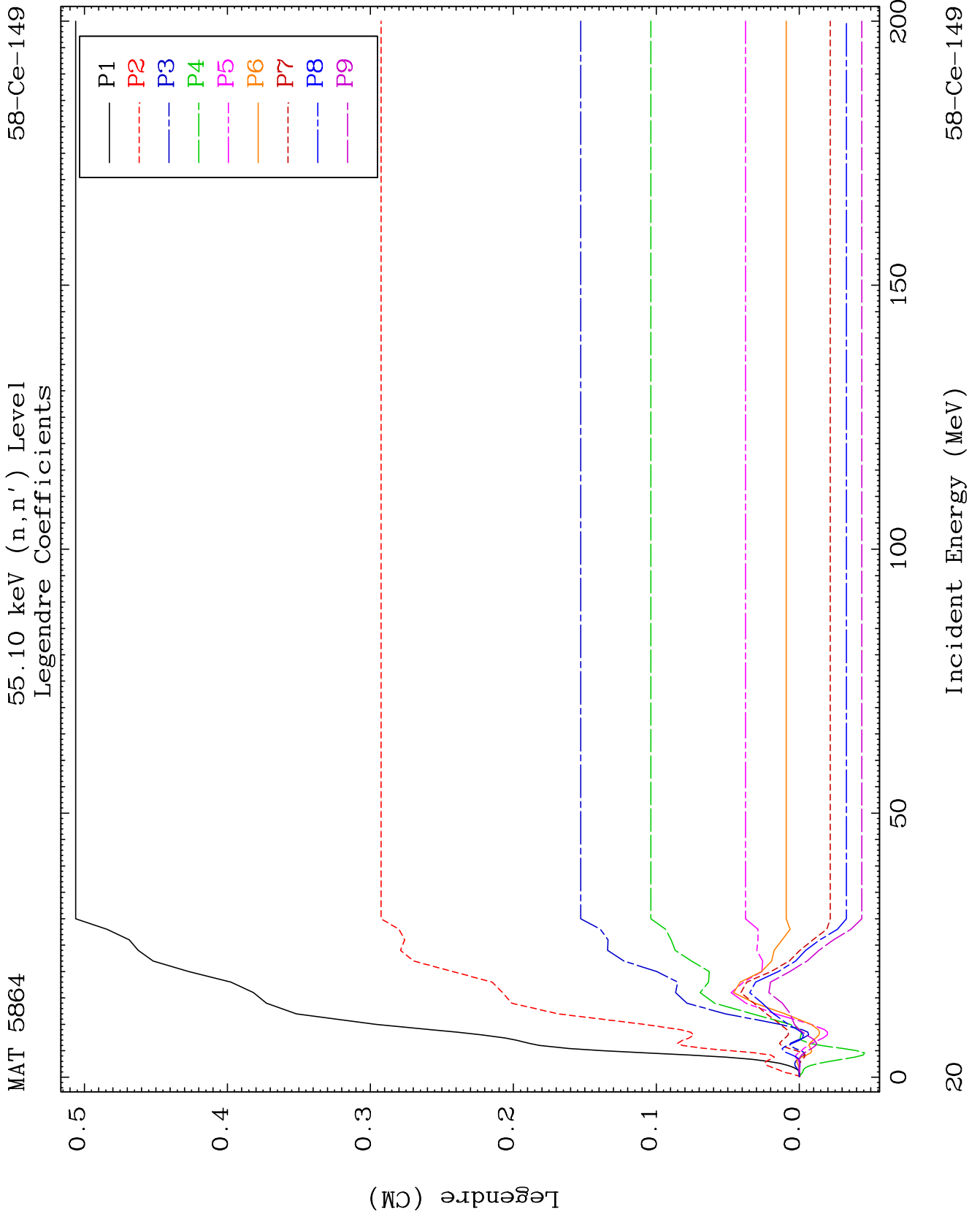
58-Ce-149



18

Incident Energy (MeV)

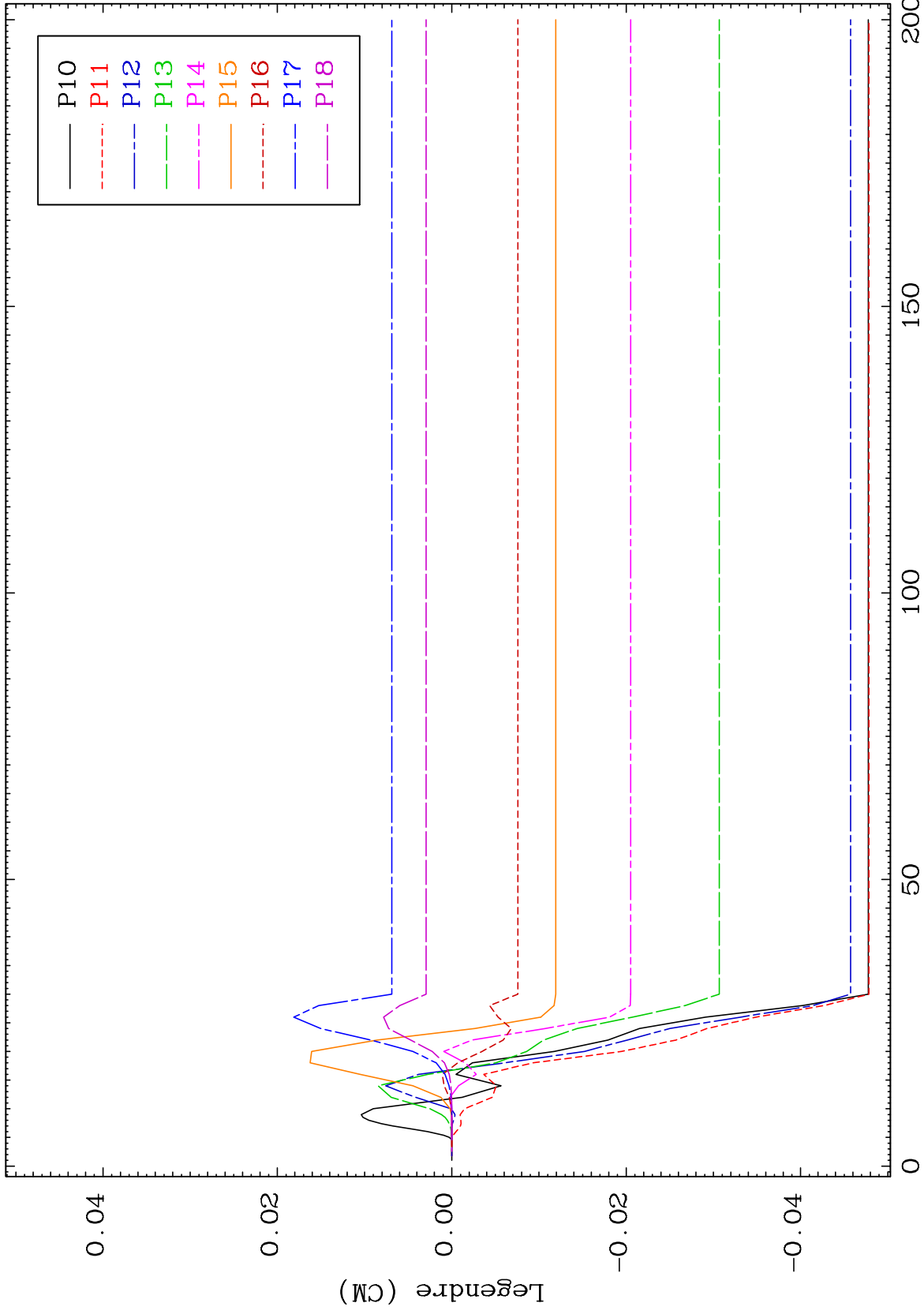
58-Ce-149



MAT 5864

55.10 keV (n,n') Level
Legendre Coefficients

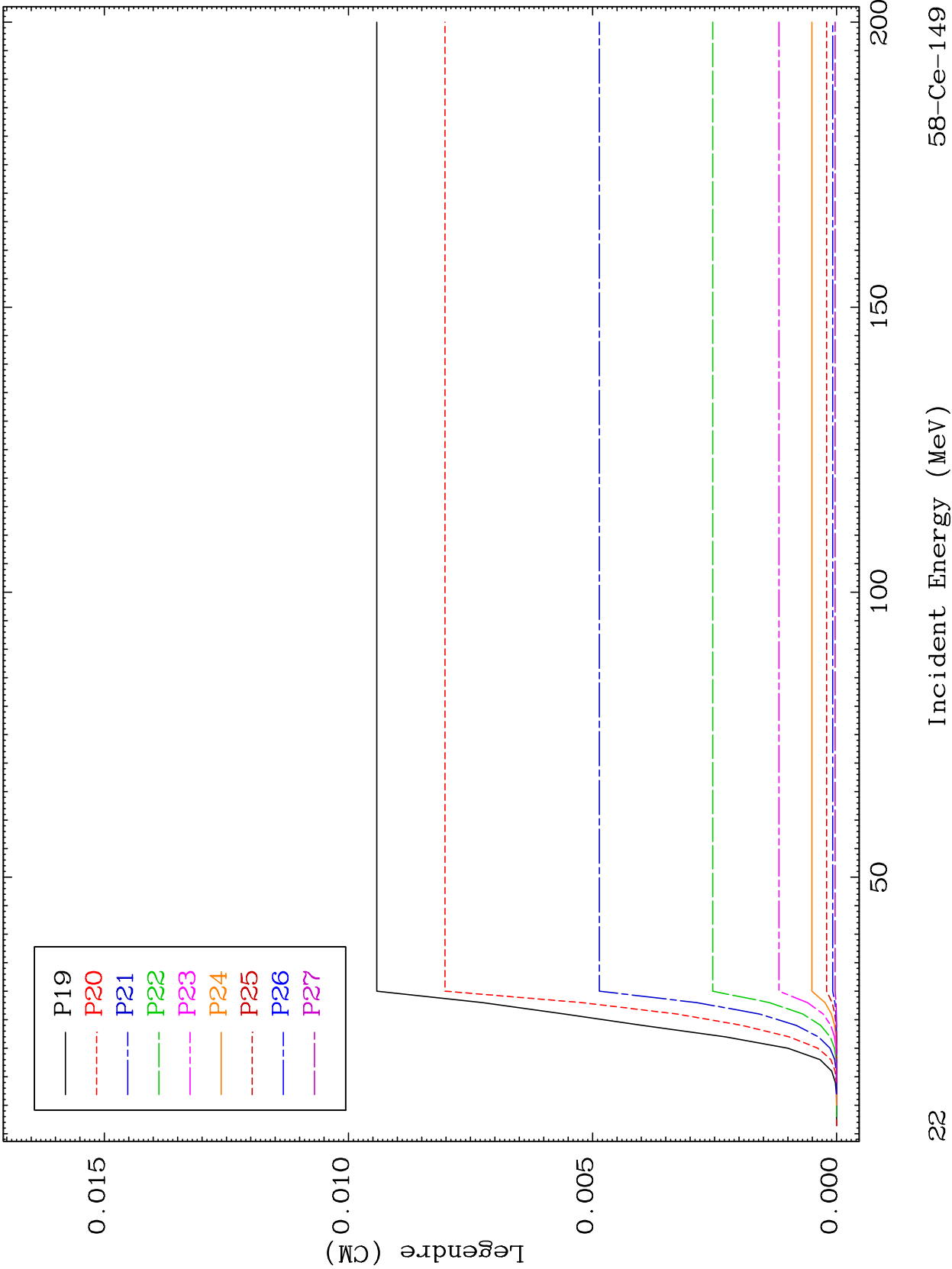
58-Ce-149



21

Incident Energy (MeV)

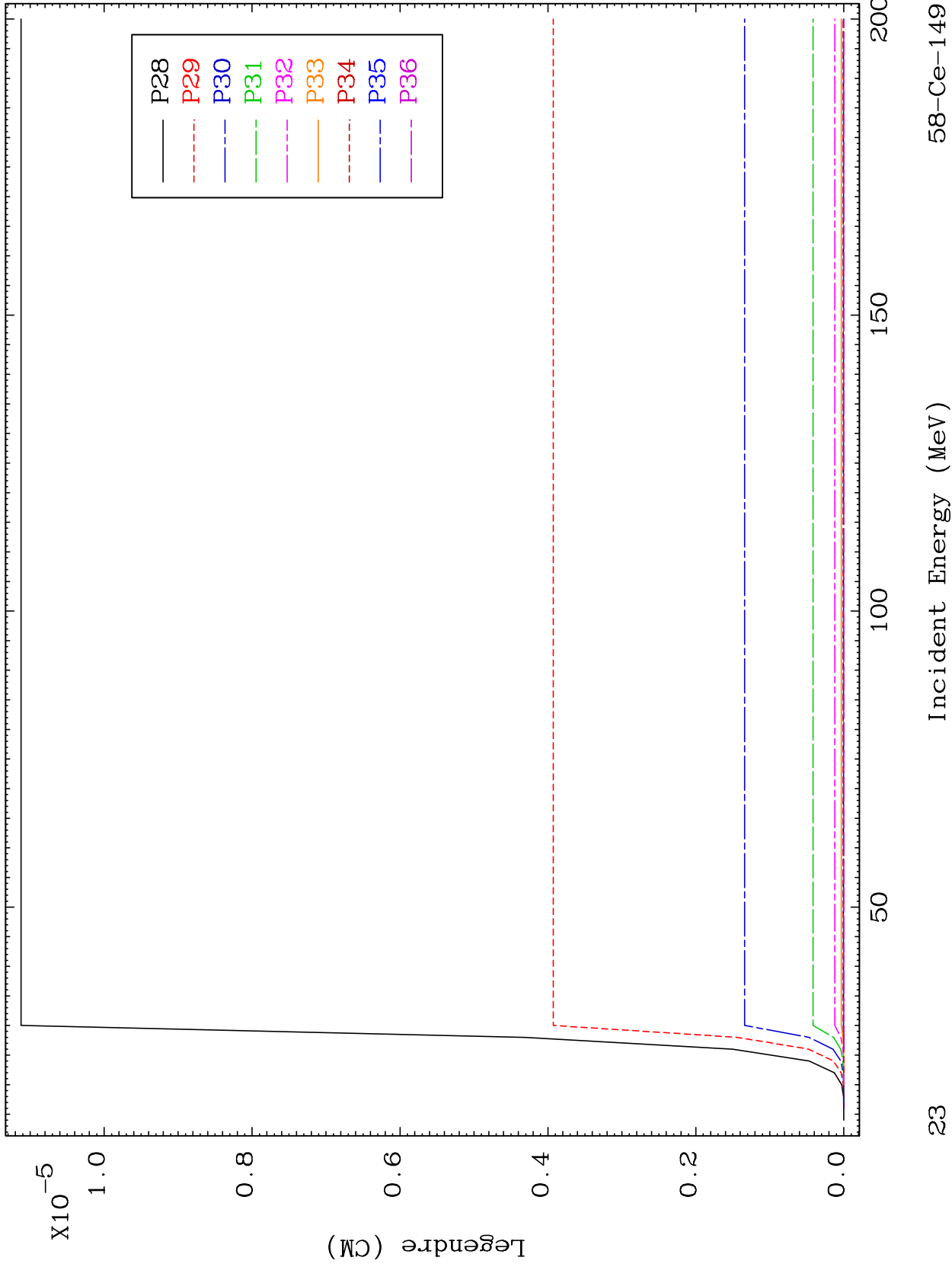
58-Ce-149



MAT 5864

55.10 keV (n,n') Level
Legendre Coefficients

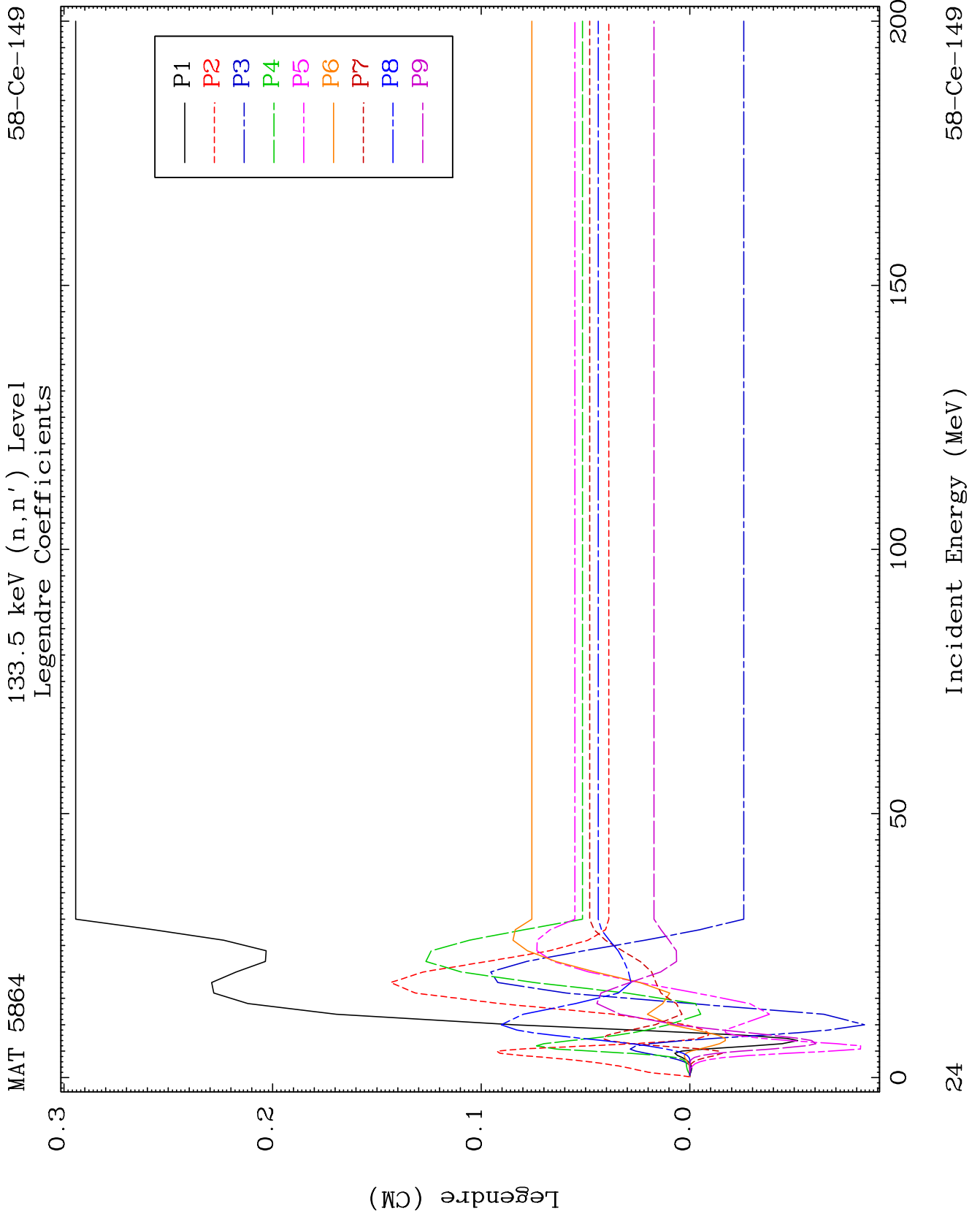
58-Ce-149

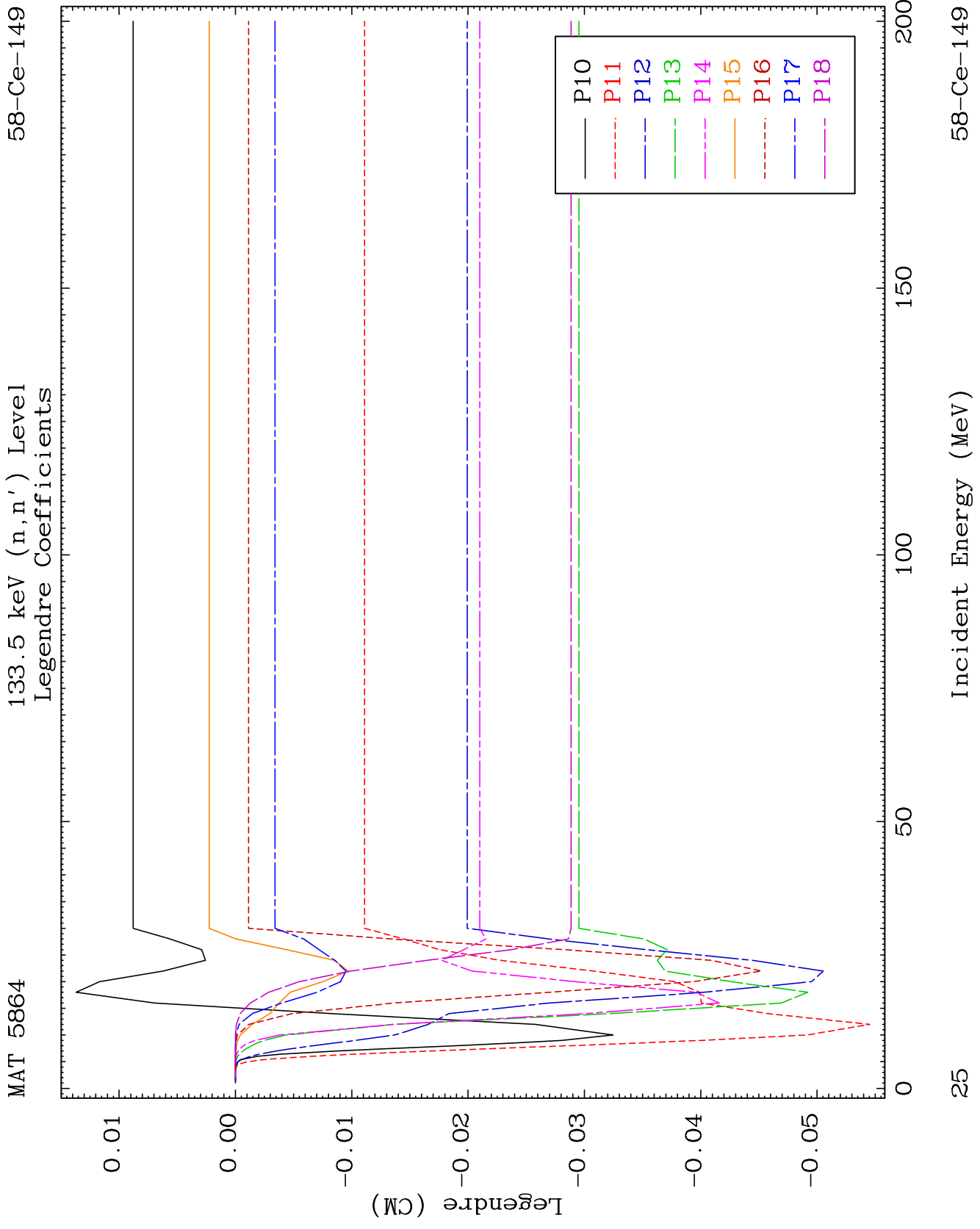


23

Incident Energy (MeV)

58-Ce-149

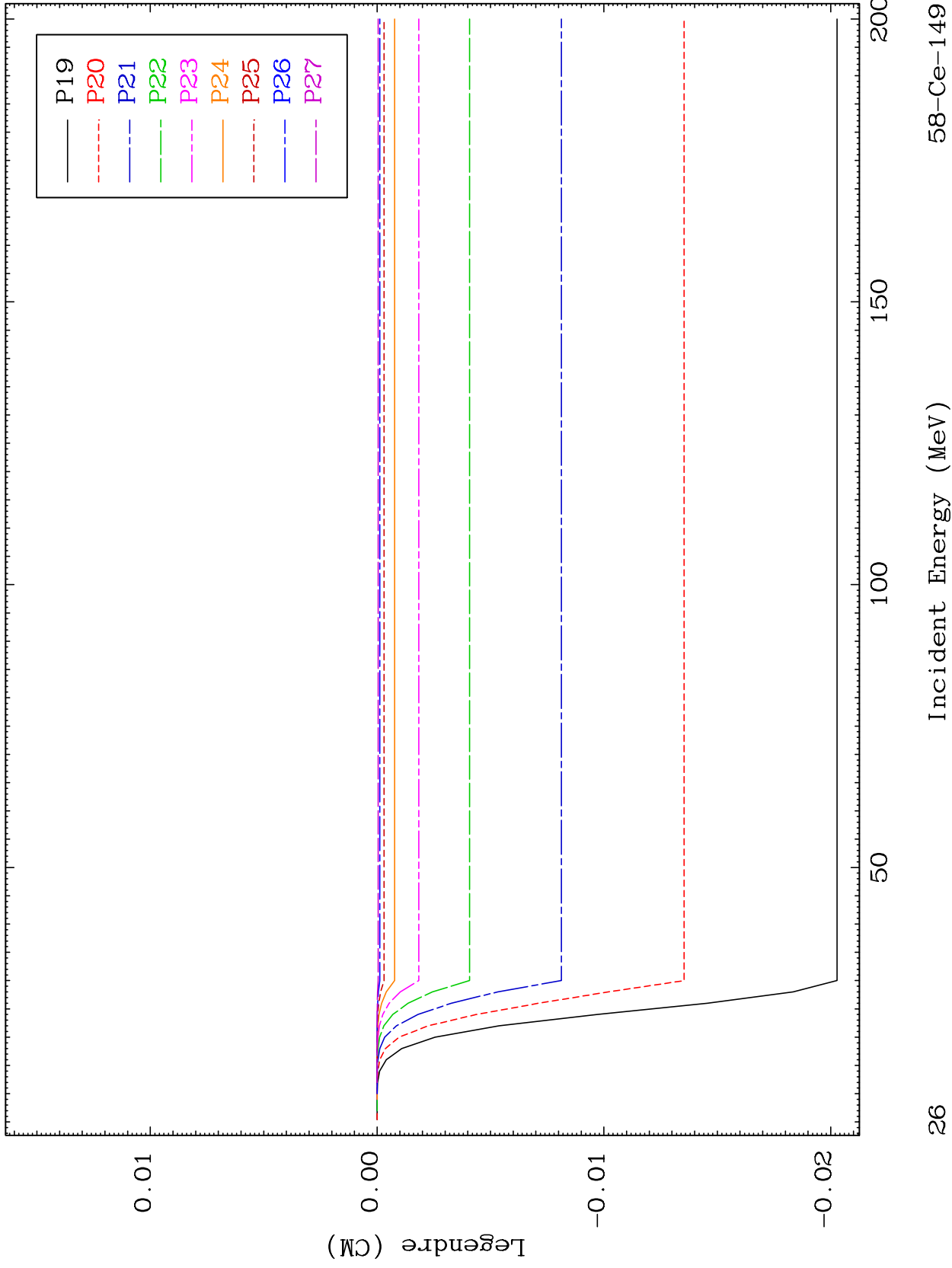




MAT 5864

133.5 keV (n,n') Level
Legendre Coefficients

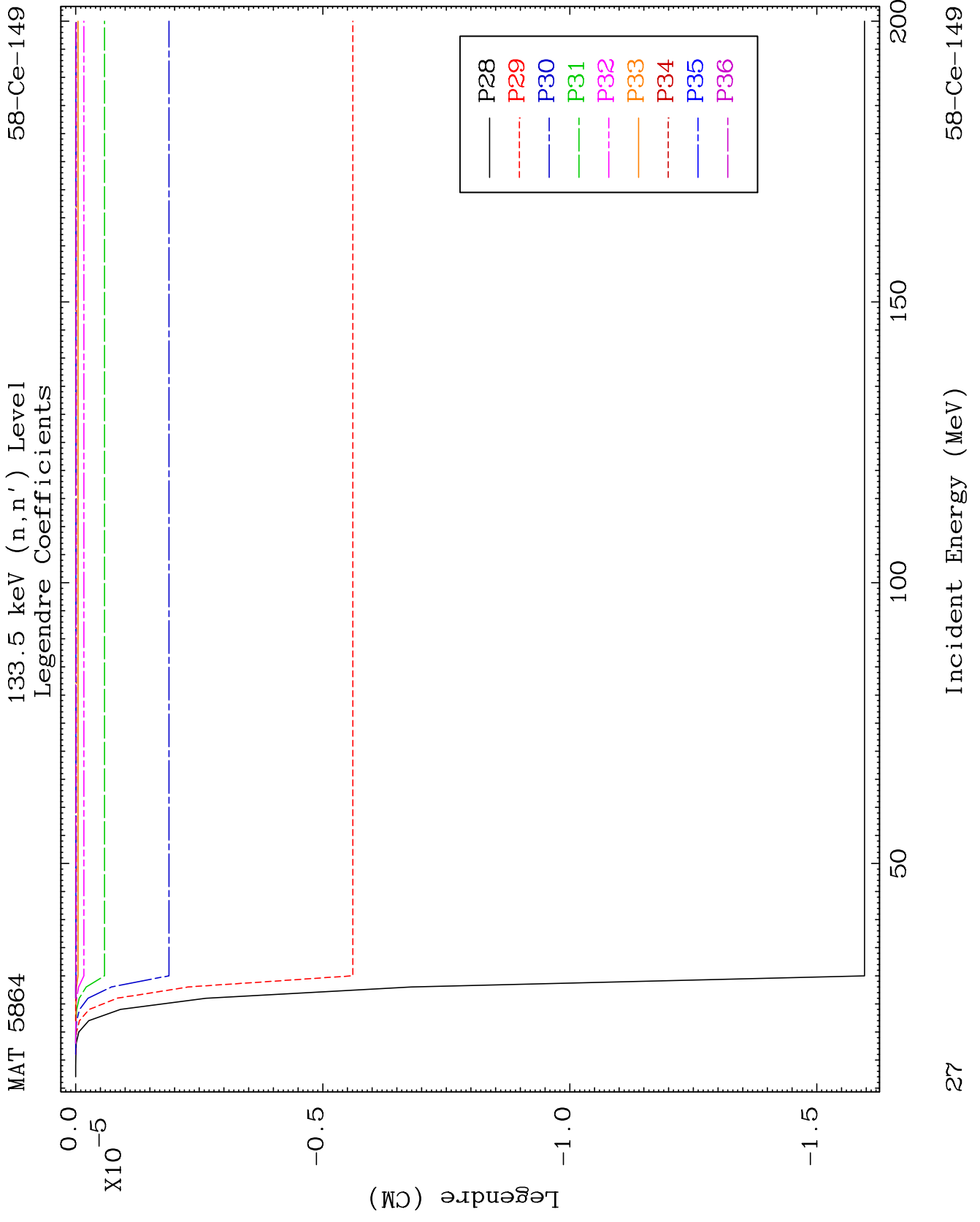
58-Ce-149

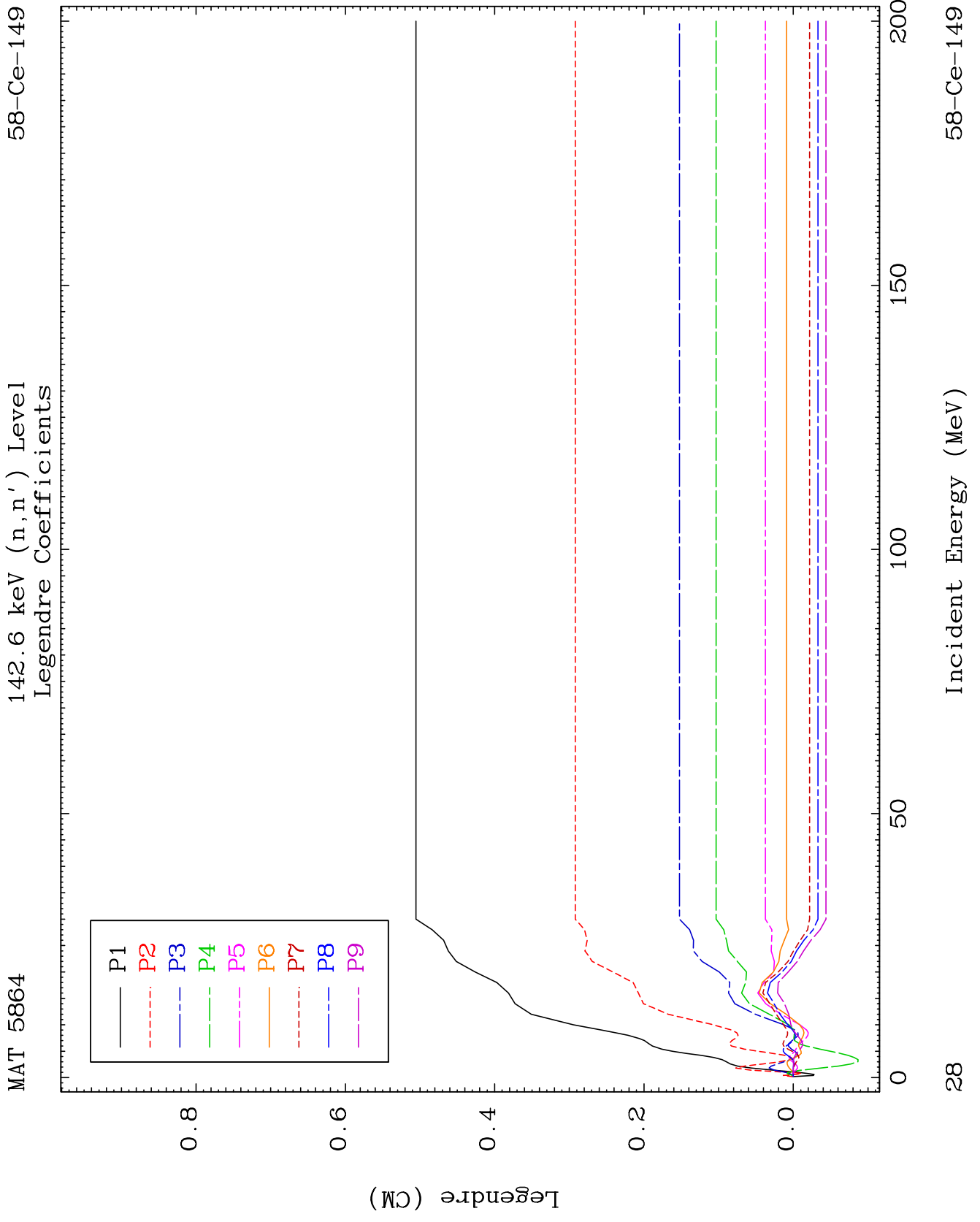


26

Incident Energy (MeV)

58-Ce-149

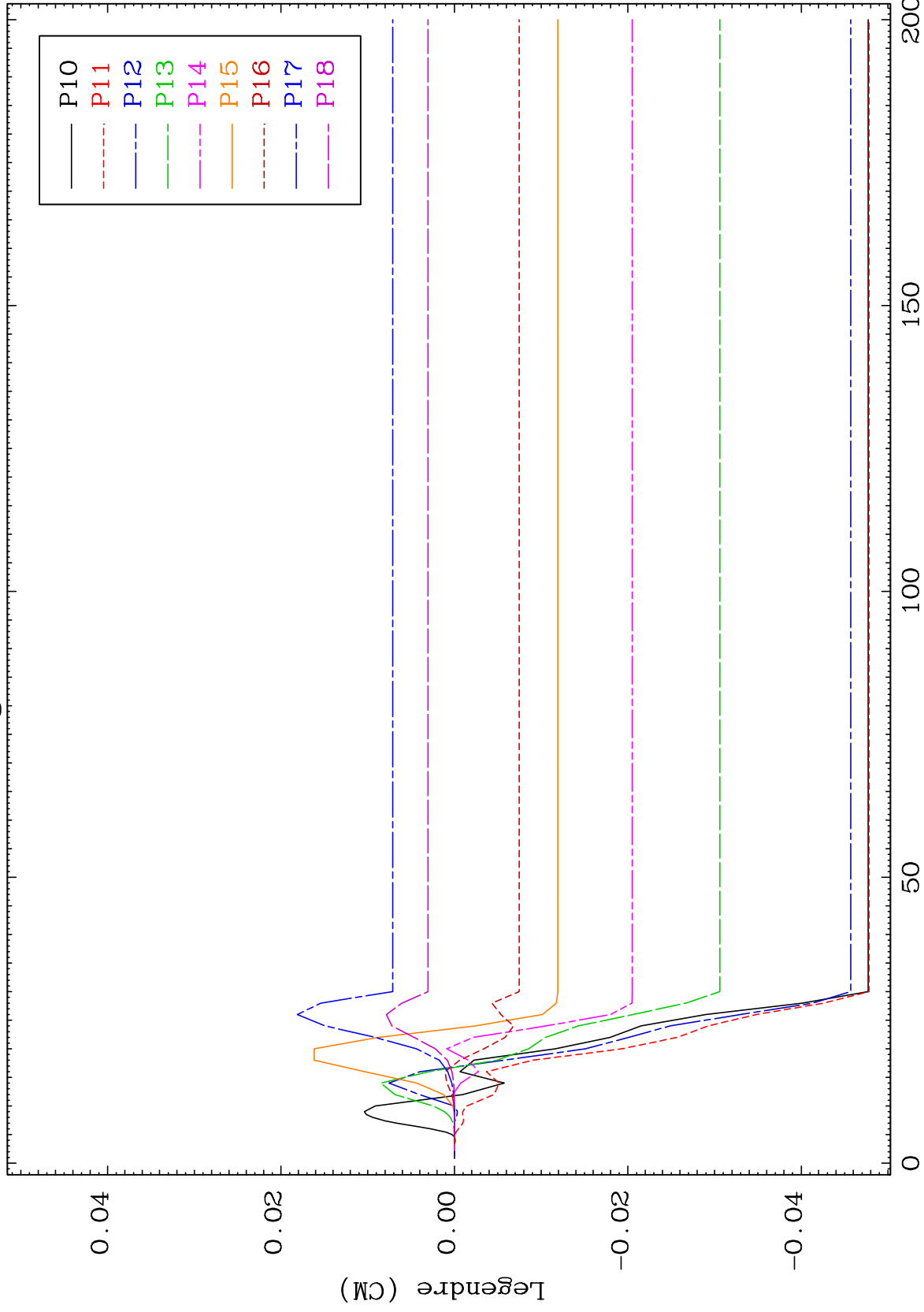




MAT 5864

142.6 keV (n,n') Level
Legendre Coefficients

58-Ce-149



29

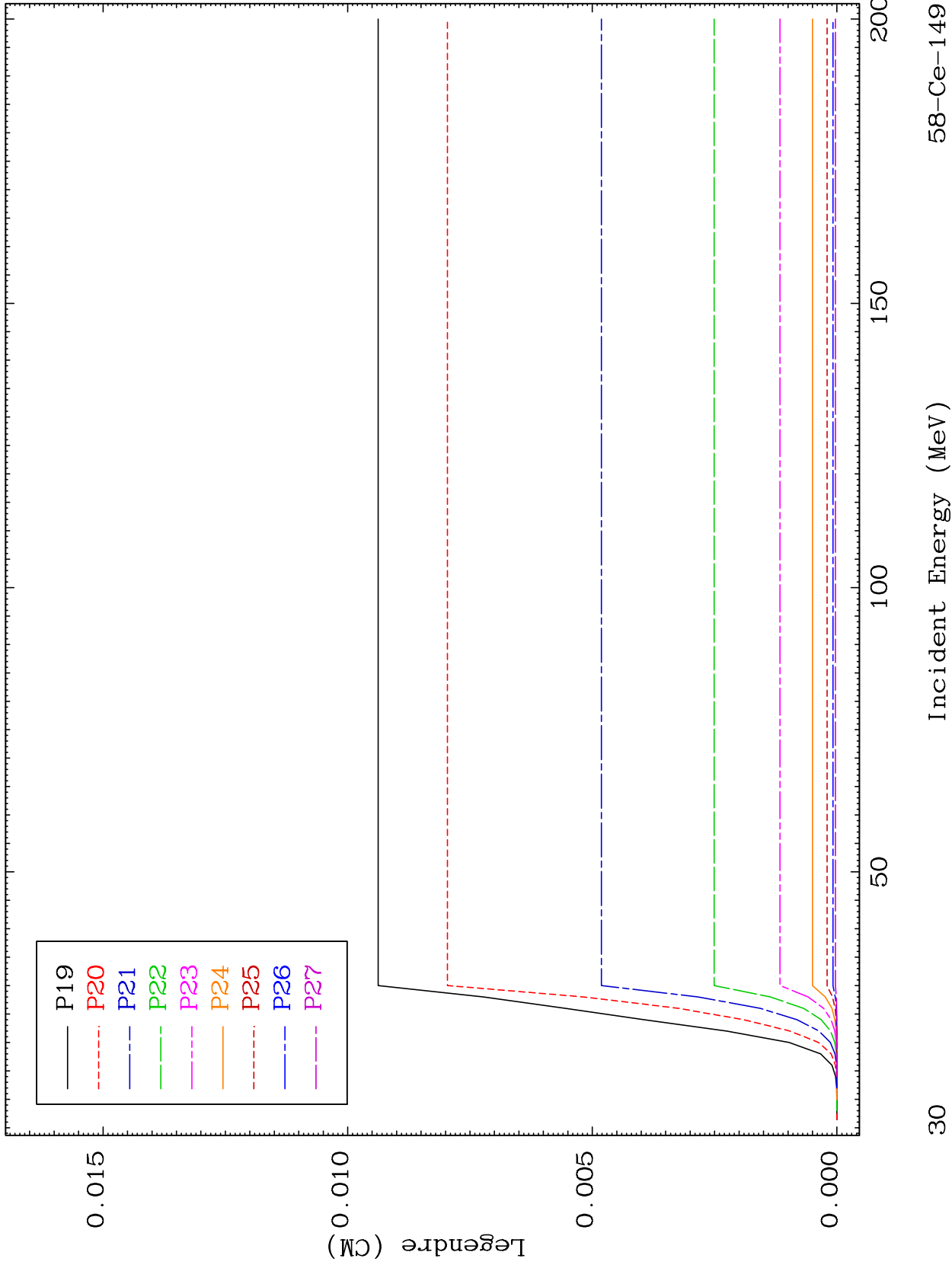
Incident Energy (MeV)

58-Ce-149

MAT 5864

142.6 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

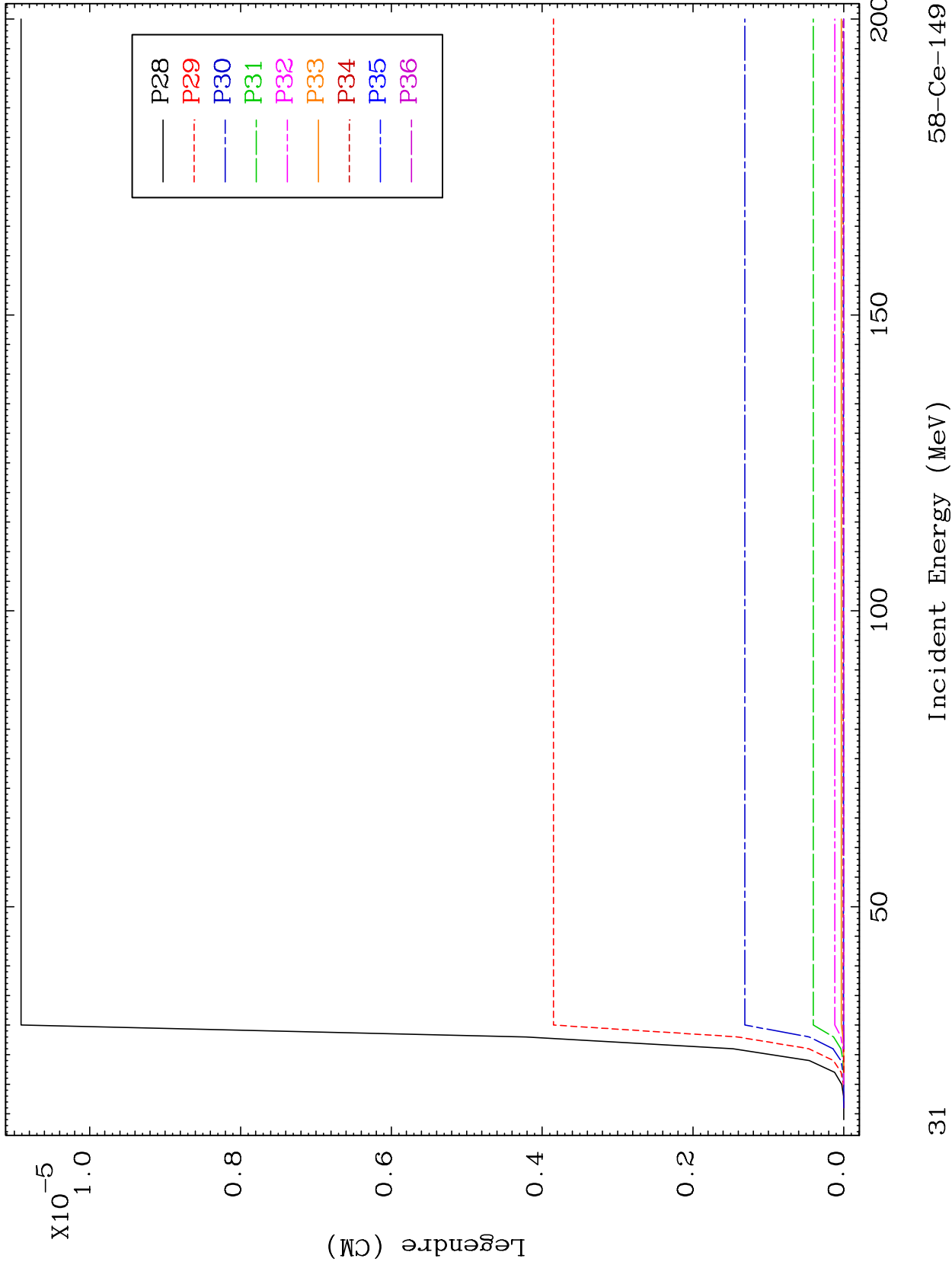
Incident Energy (MeV)

30

MAT 5864

142.6 keV (n,n') Level
Legendre Coefficients

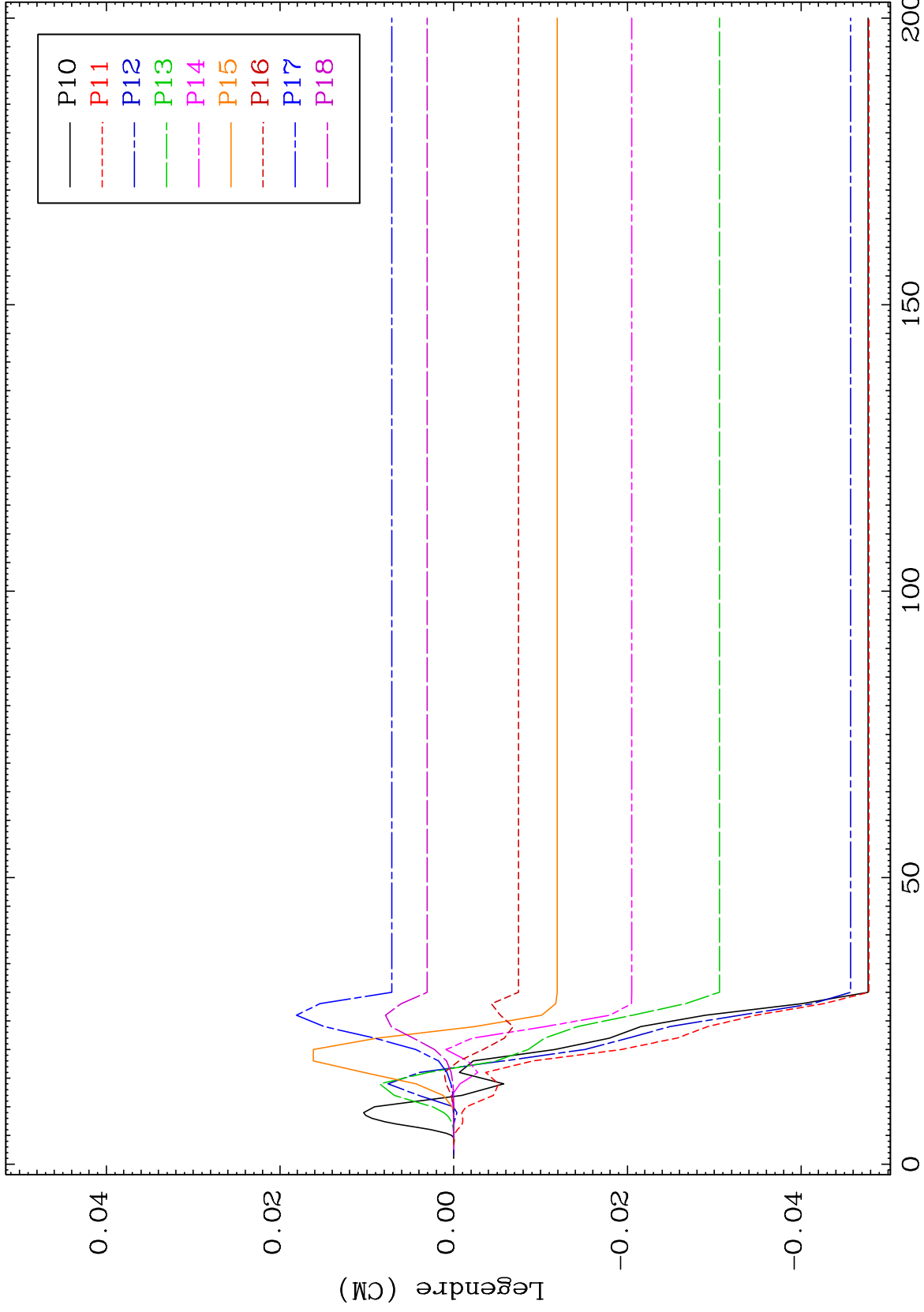
58-Ce-149



MAT 5864

147.7 keV (n,n') Level
Legendre Coefficients

58-Ce-149



33

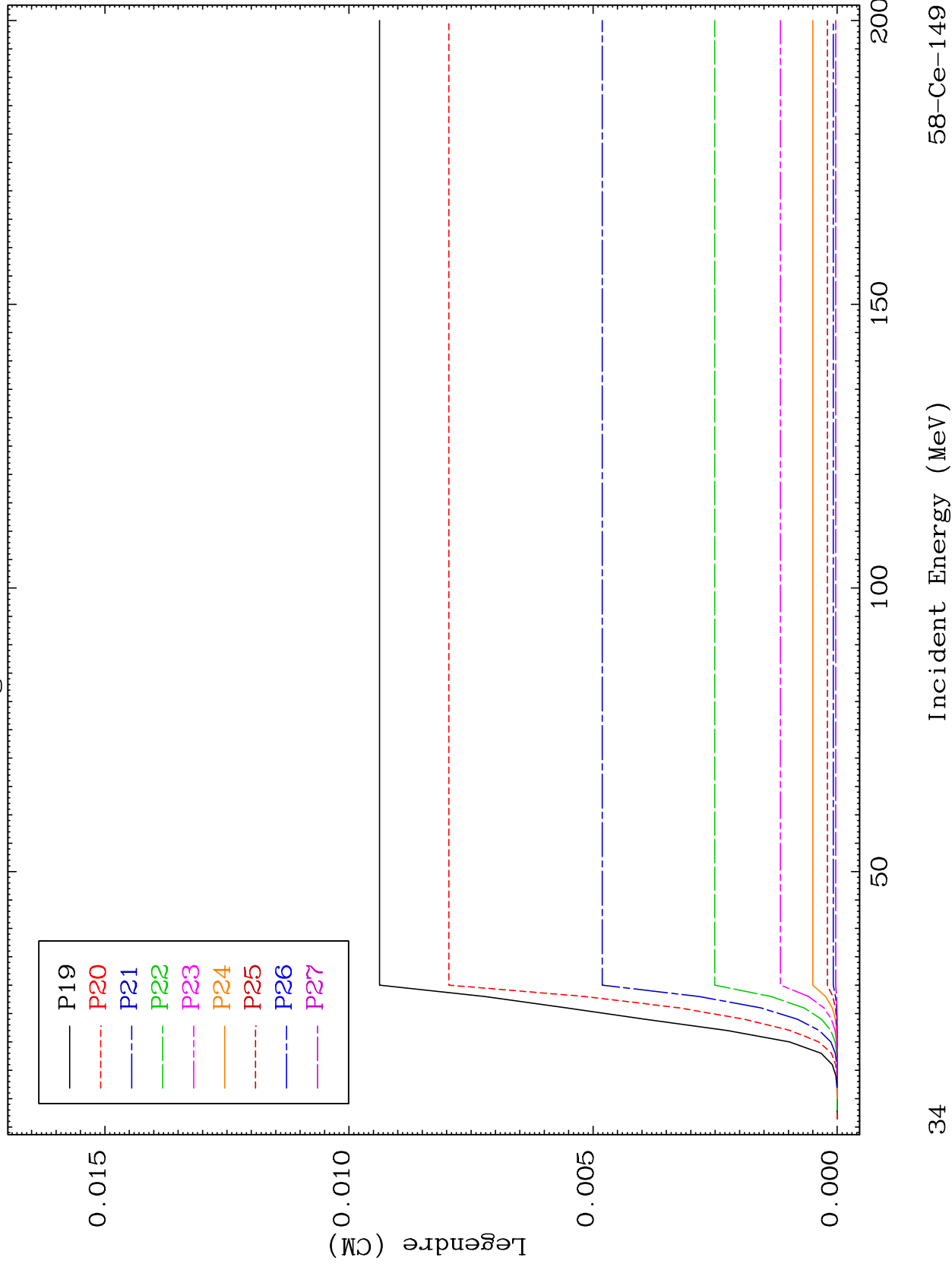
Incident Energy (MeV)

58-Ce-149

MAT 5864

147.7 keV (n,n') Level
Legendre Coefficients

58-Ce-149



34

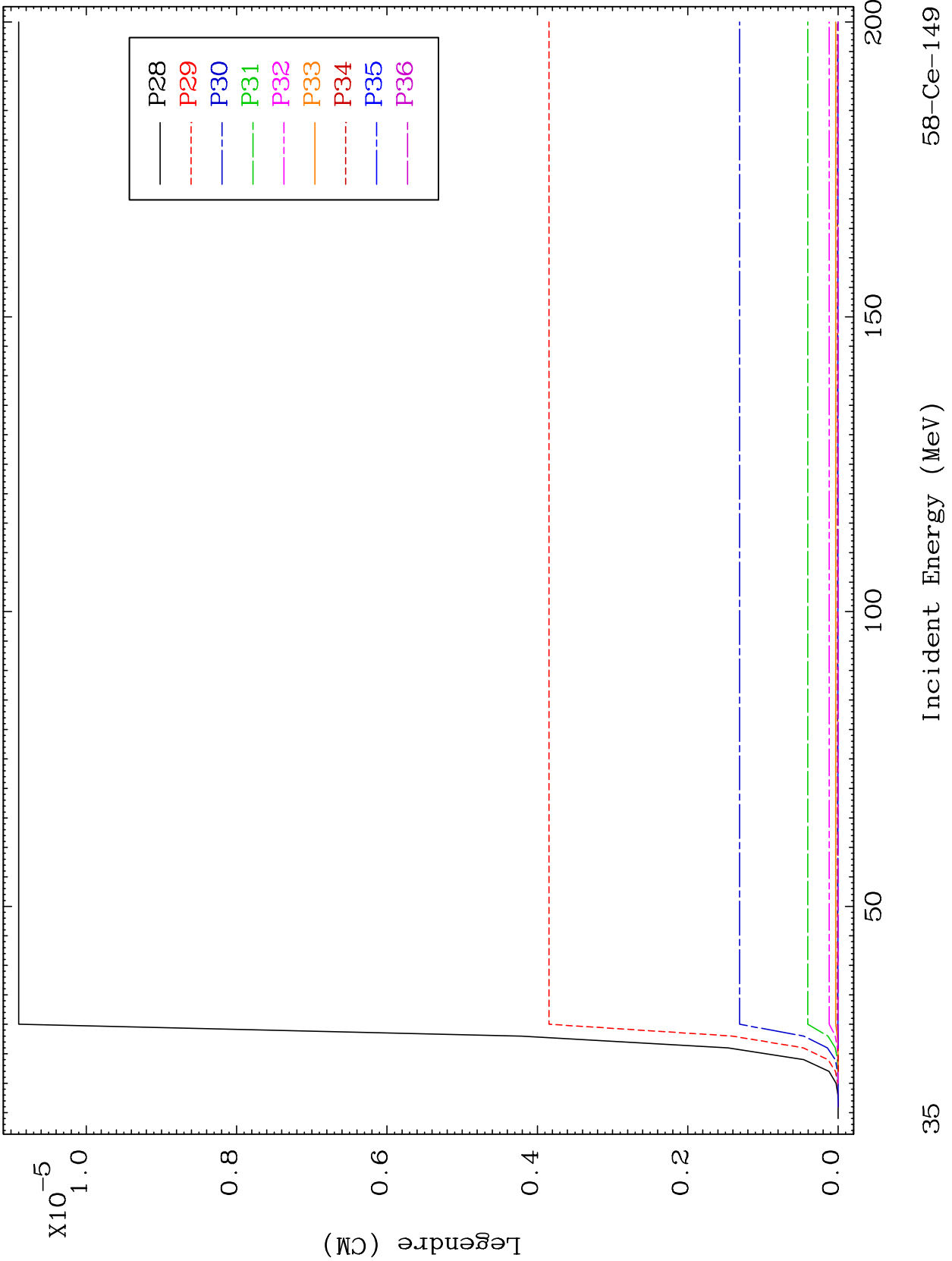
Incident Energy (MeV)

58-Ce-149

MAT 5864

147.7 keV (n, n') Level
Legendre Coefficients

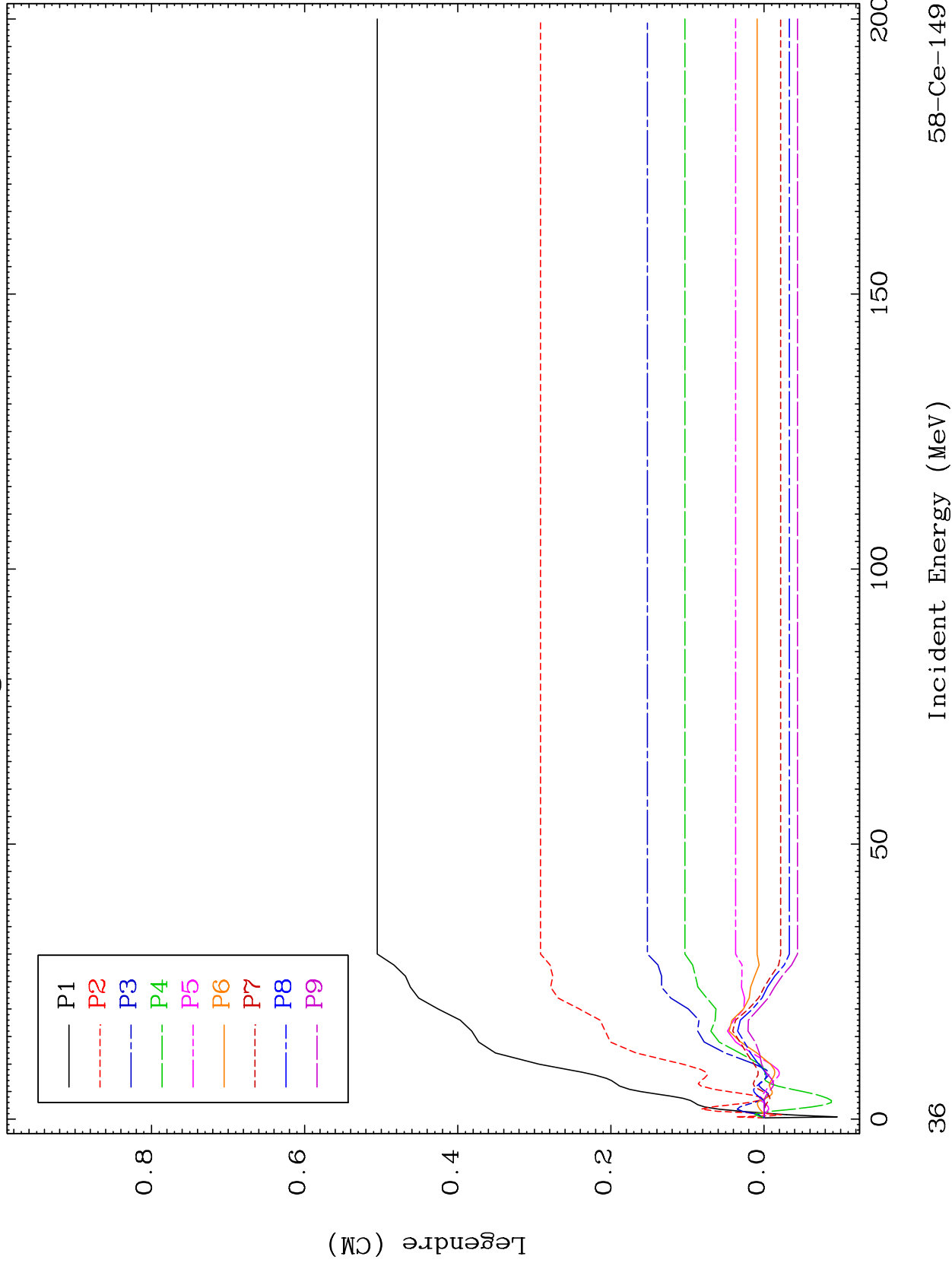
58-Ce-149



MAT 5864

187.2 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

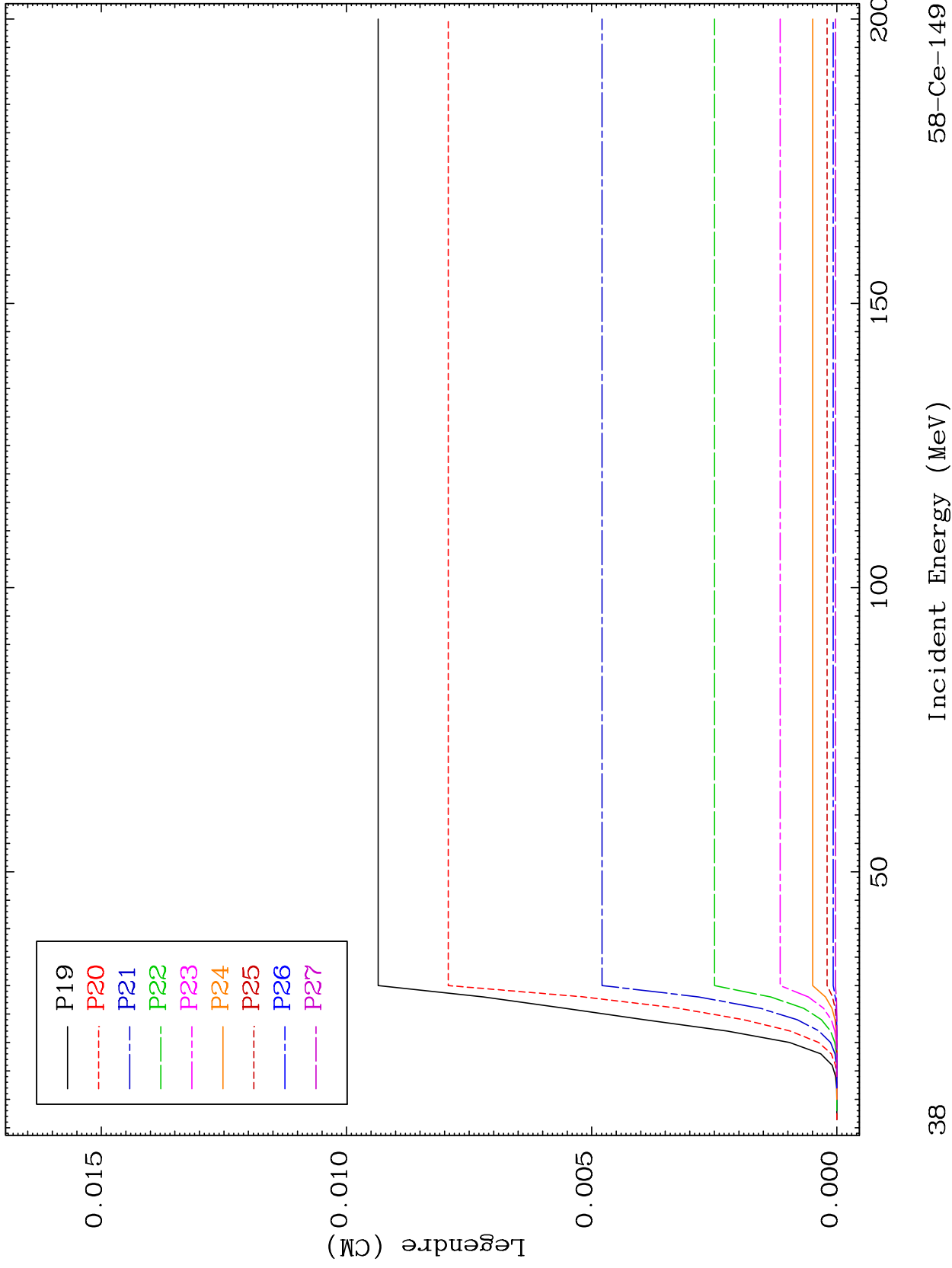
Incident Energy (MeV)

36

MAT 5864

187.2 keV (n,n') Level
Legendre Coefficients

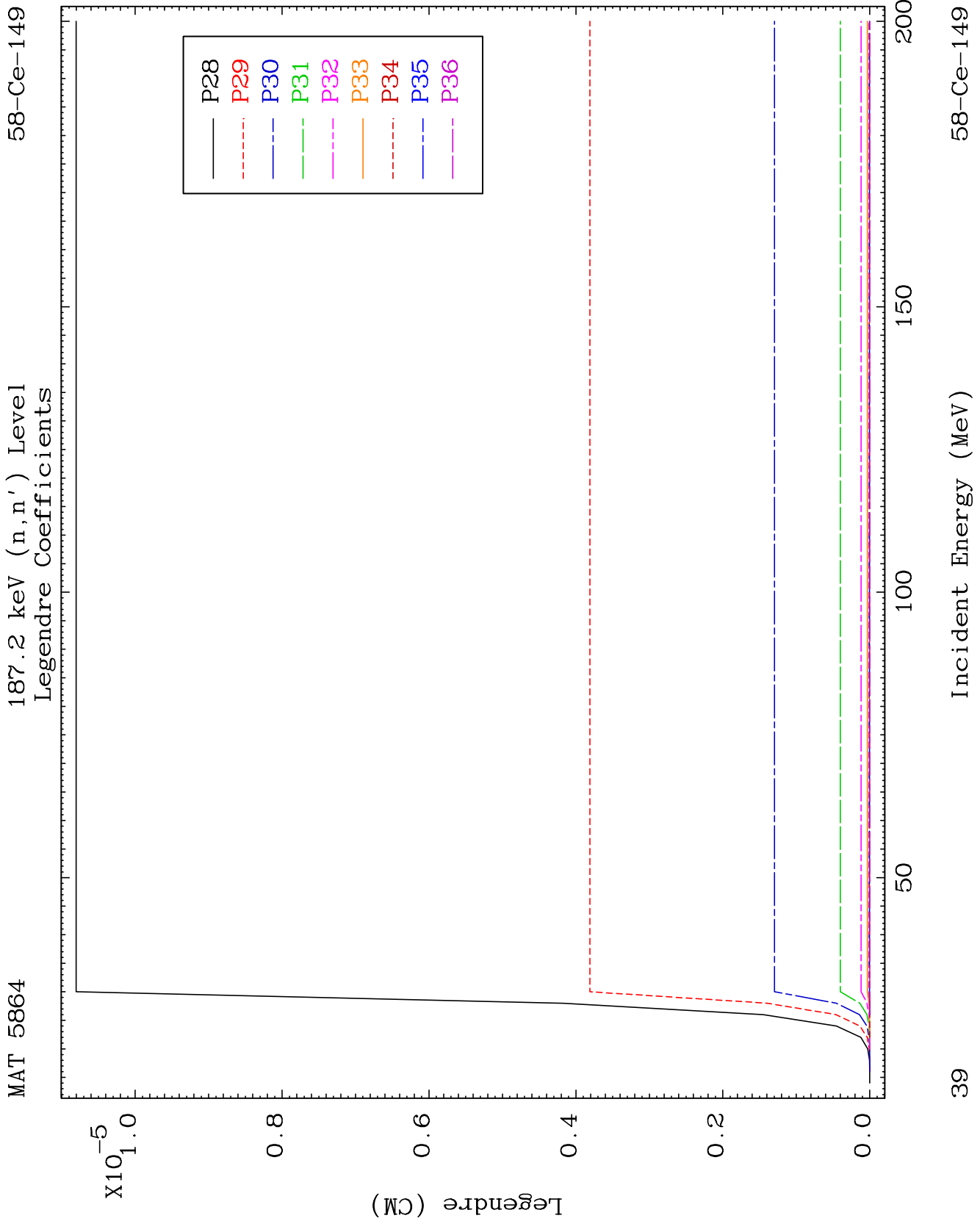
58-Ce-149



38

Incident Energy (MeV)

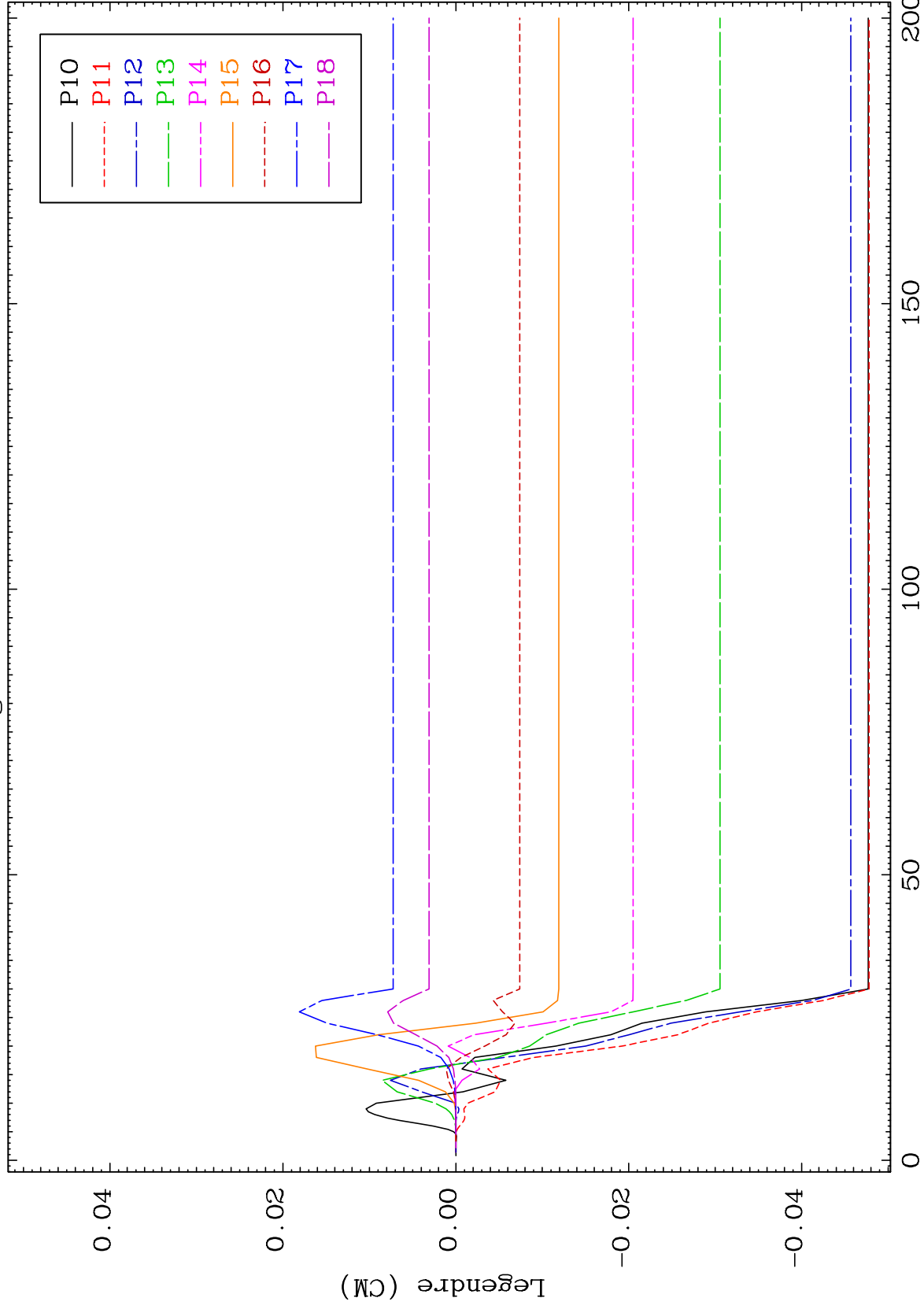
58-Ce-149



MAT 5864

190.9 keV (n,n') Level
Legendre Coefficients

58-Ce-149



41

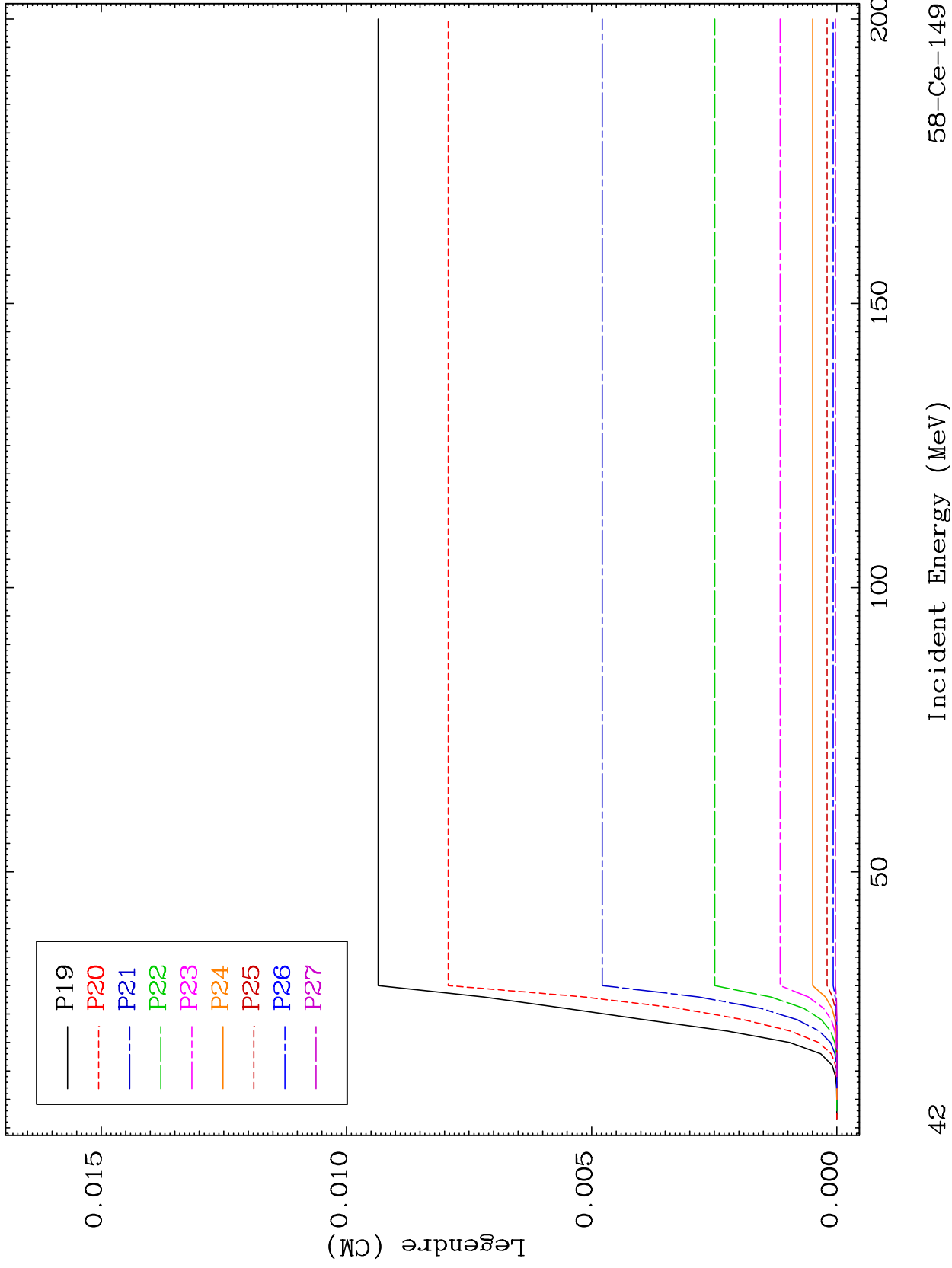
Incident Energy (MeV)

58-Ce-149

MAT 5864

190.9 keV (n,n') Level
Legendre Coefficients

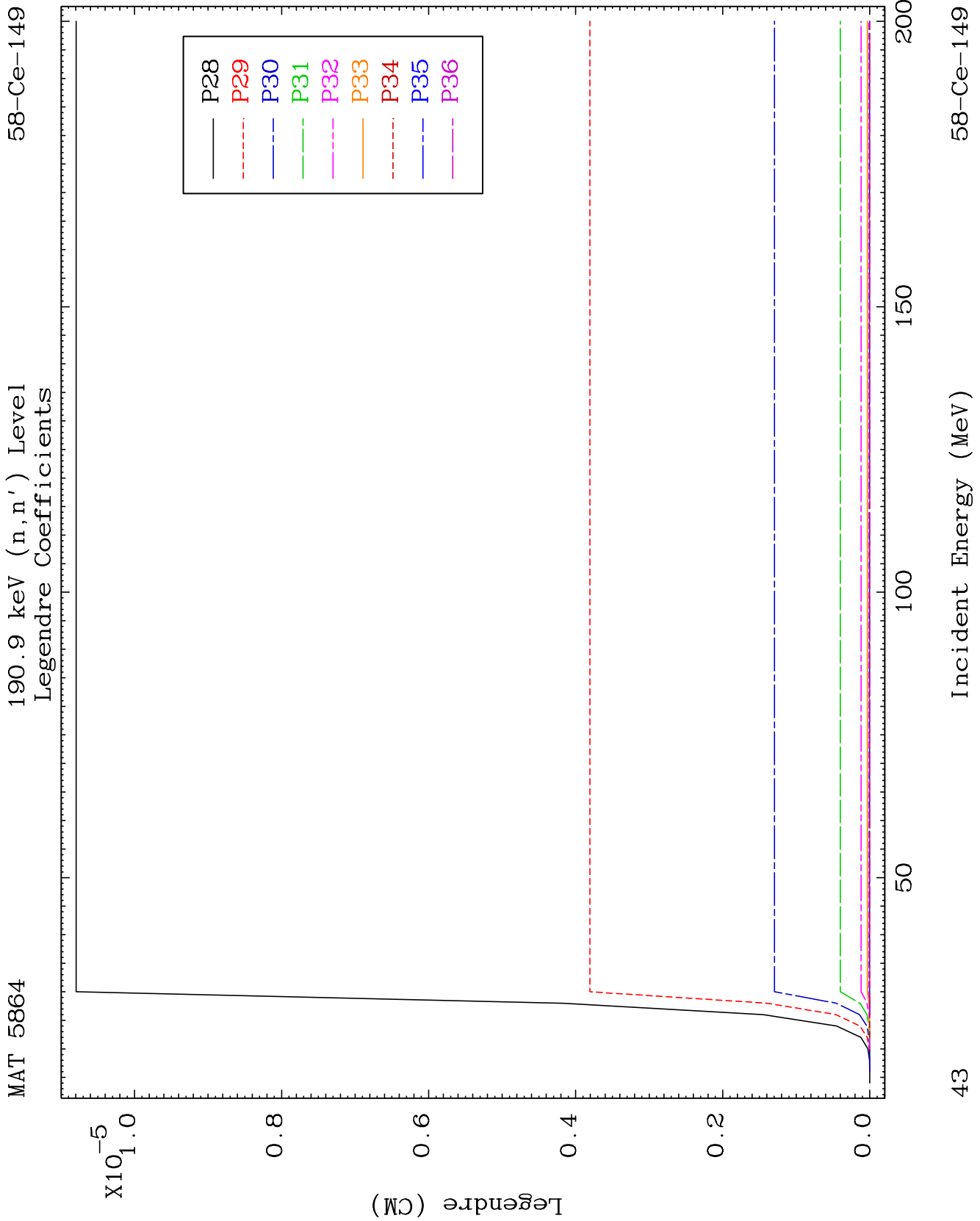
58-Ce-149



42

Incident Energy (MeV)

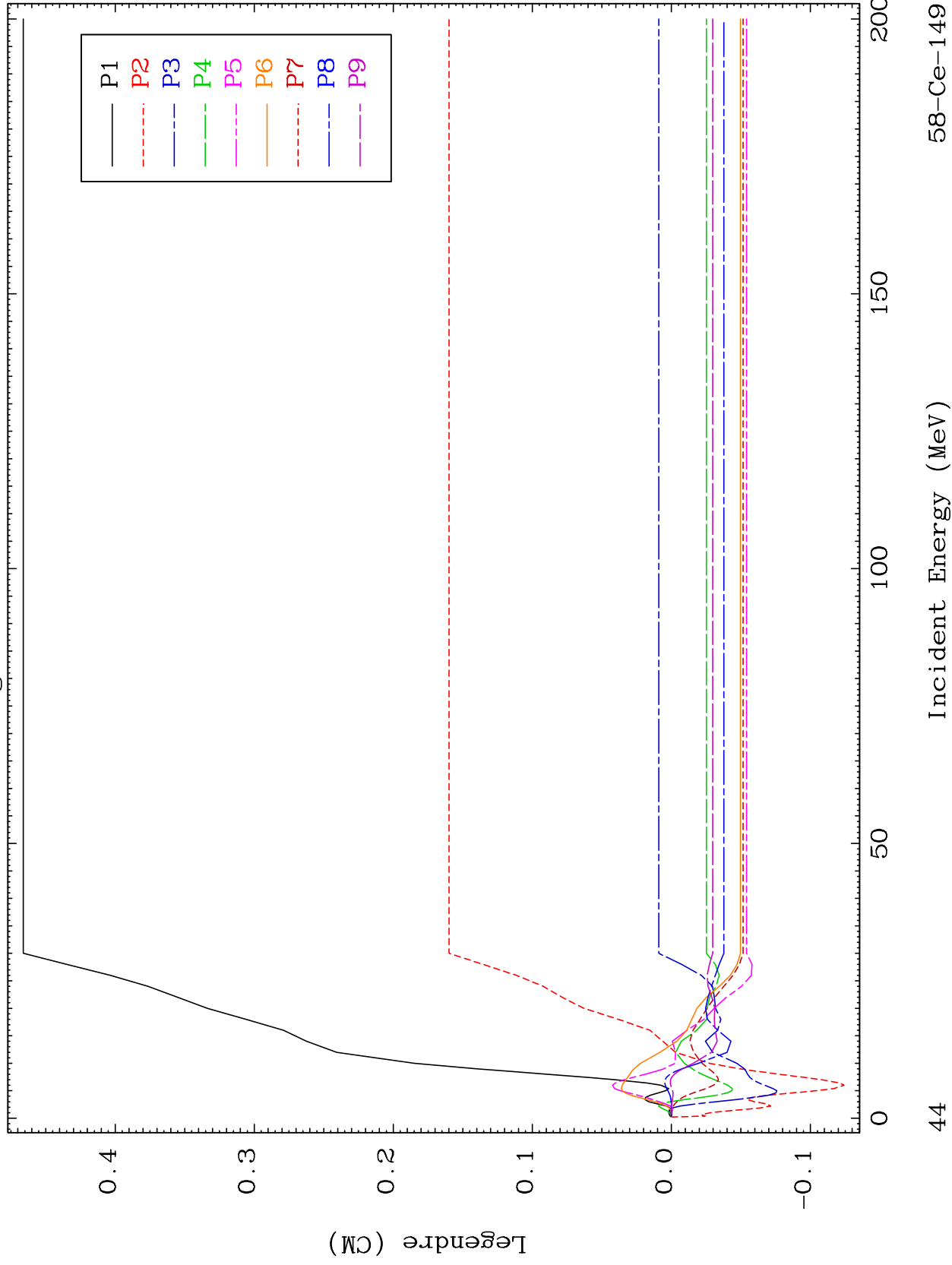
58-Ce-149



MAT 5864

206.9 keV (n, n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

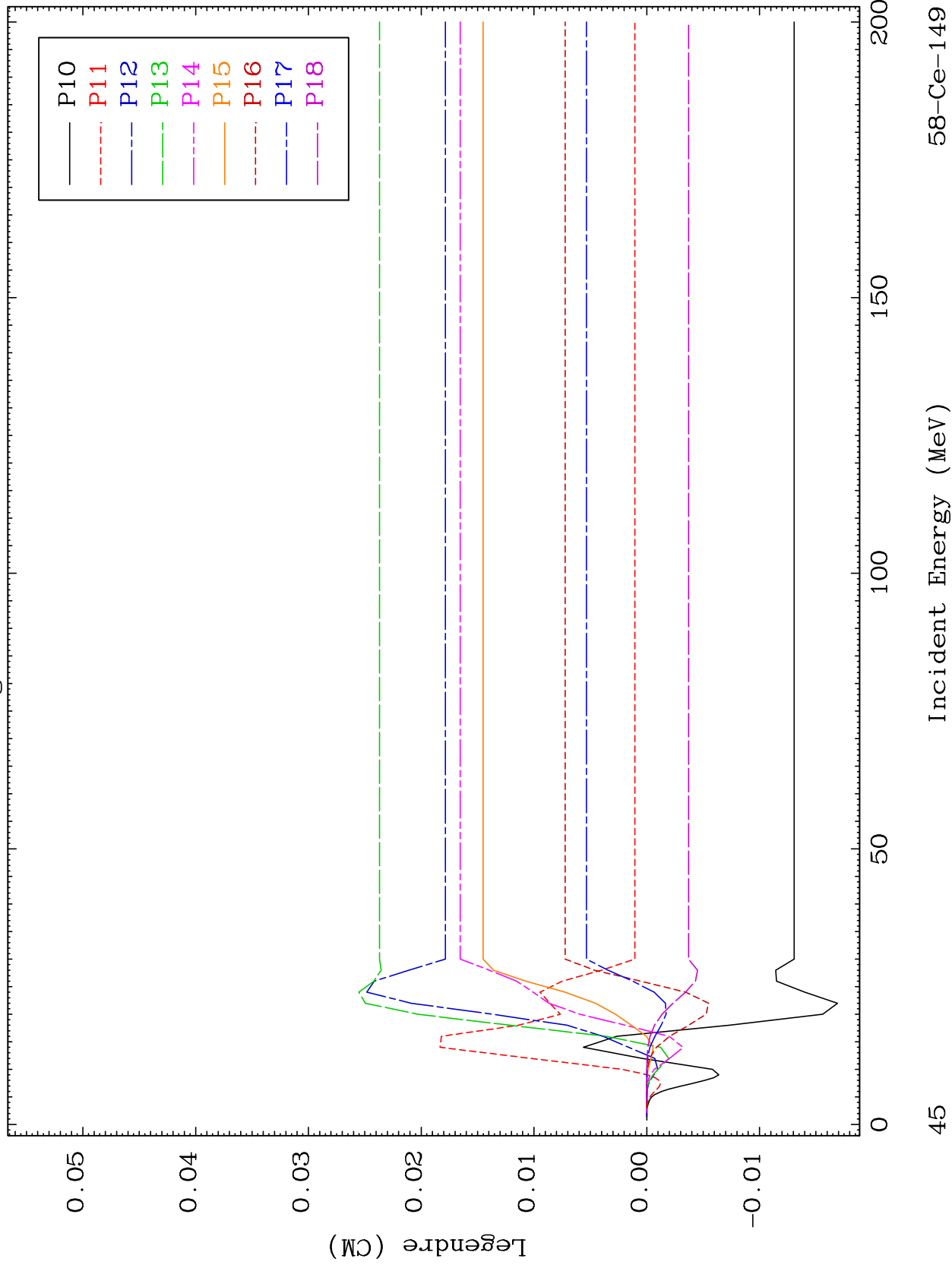
Incident Energy (MeV)

44

MAT 5864

206.9 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

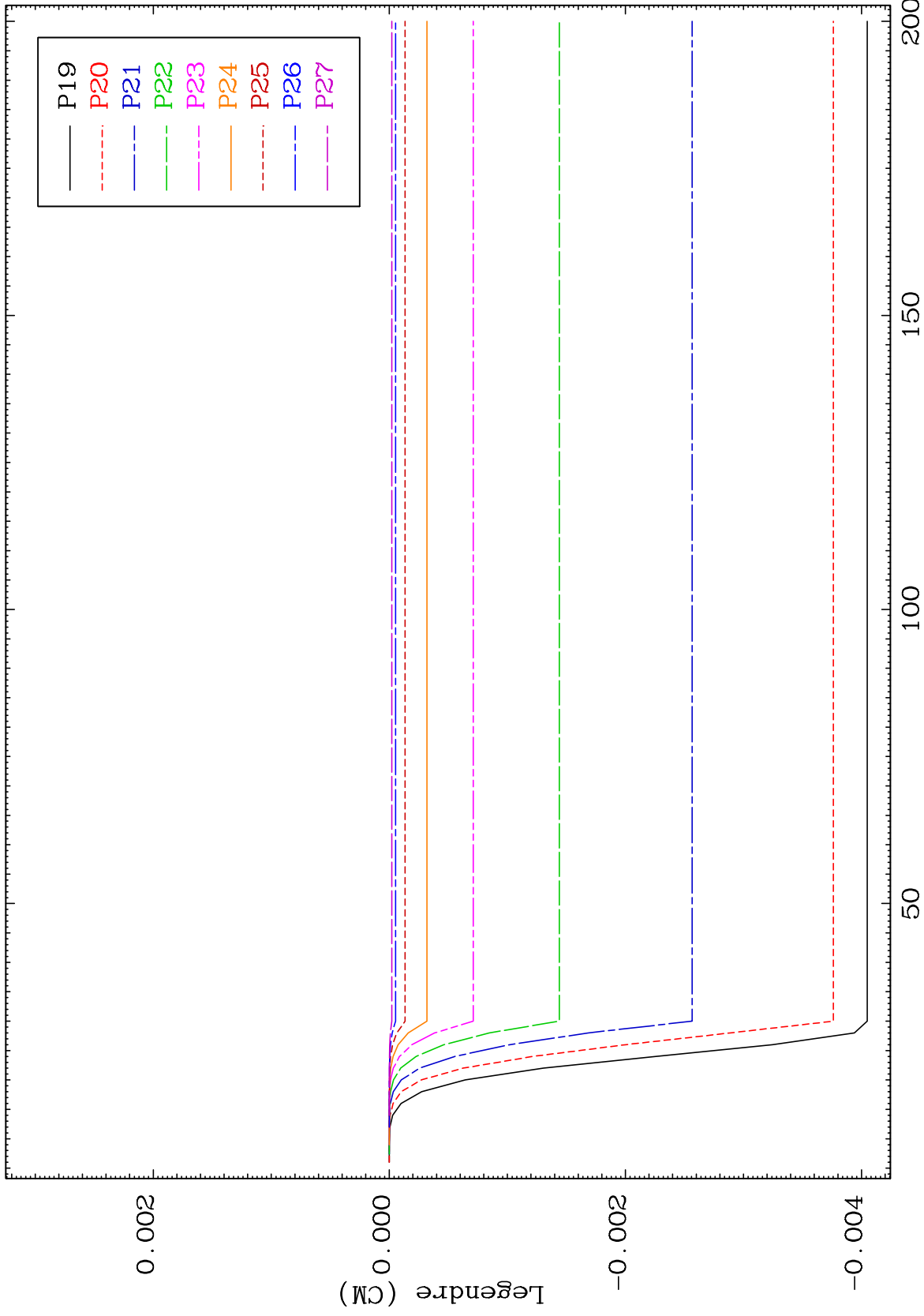
Incident Energy (MeV)

45

MAT 5864

206.9 keV (n,n') Level
Legendre Coefficients

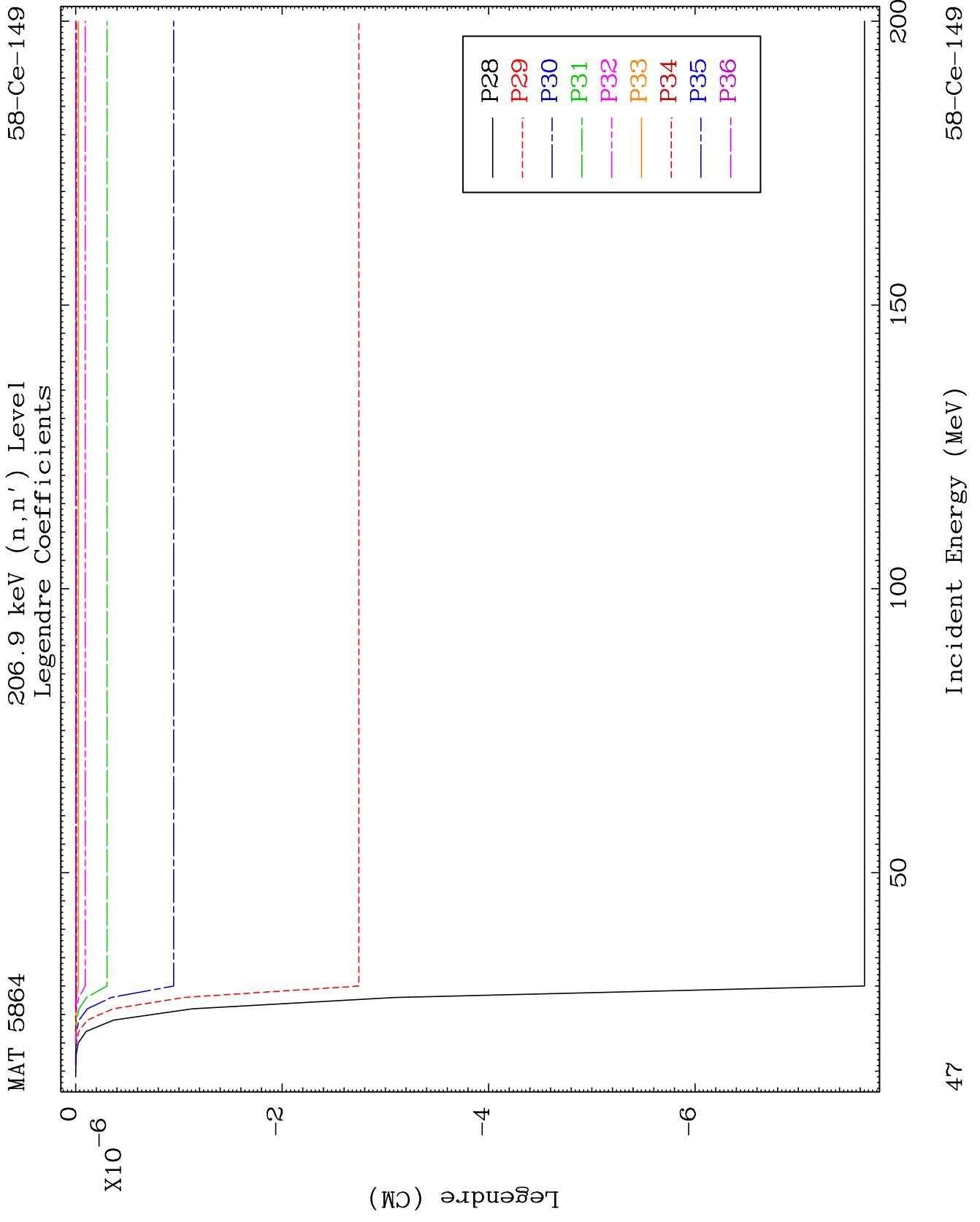
58-Ce-149

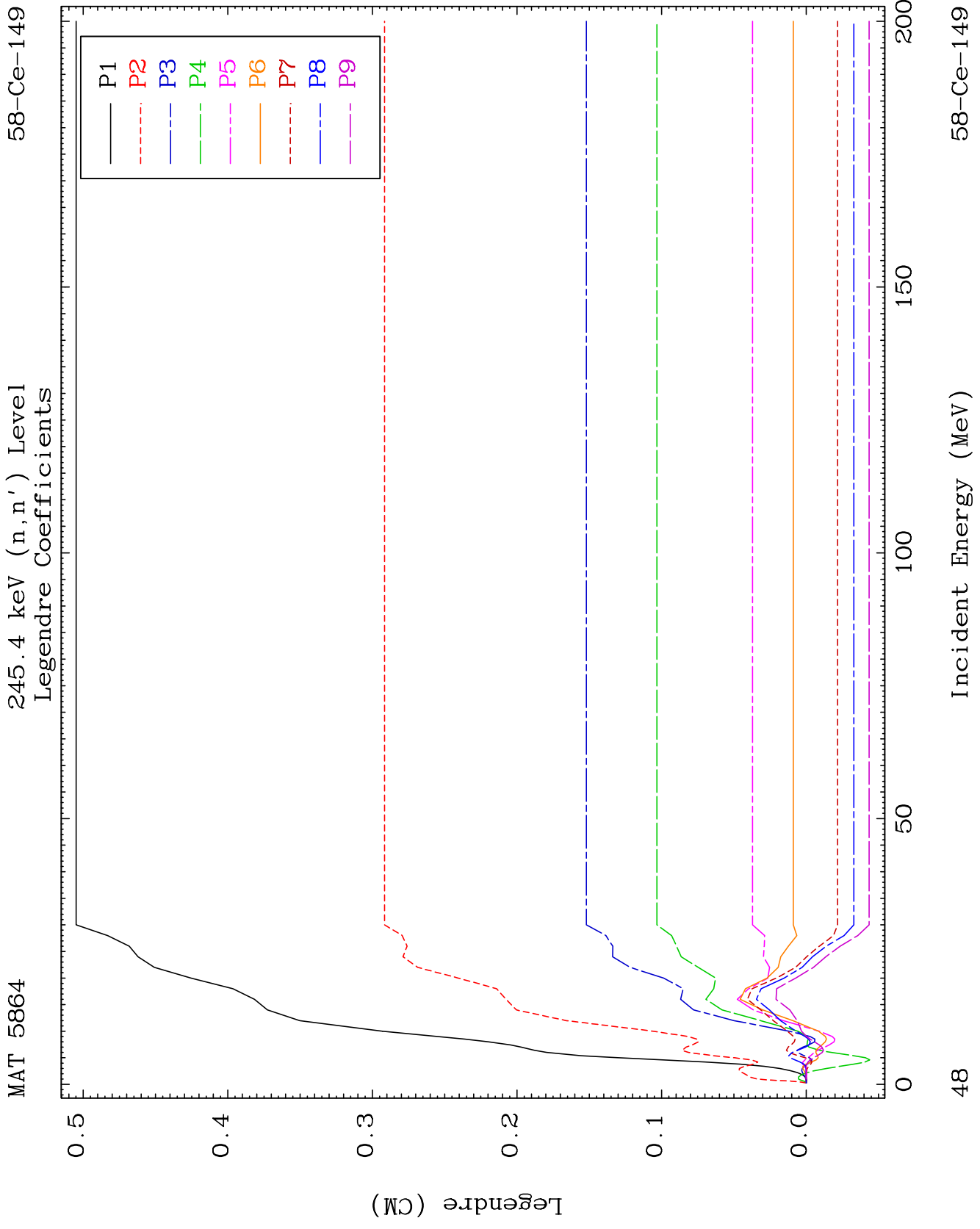


46

Incident Energy (MeV)

58-Ce-149

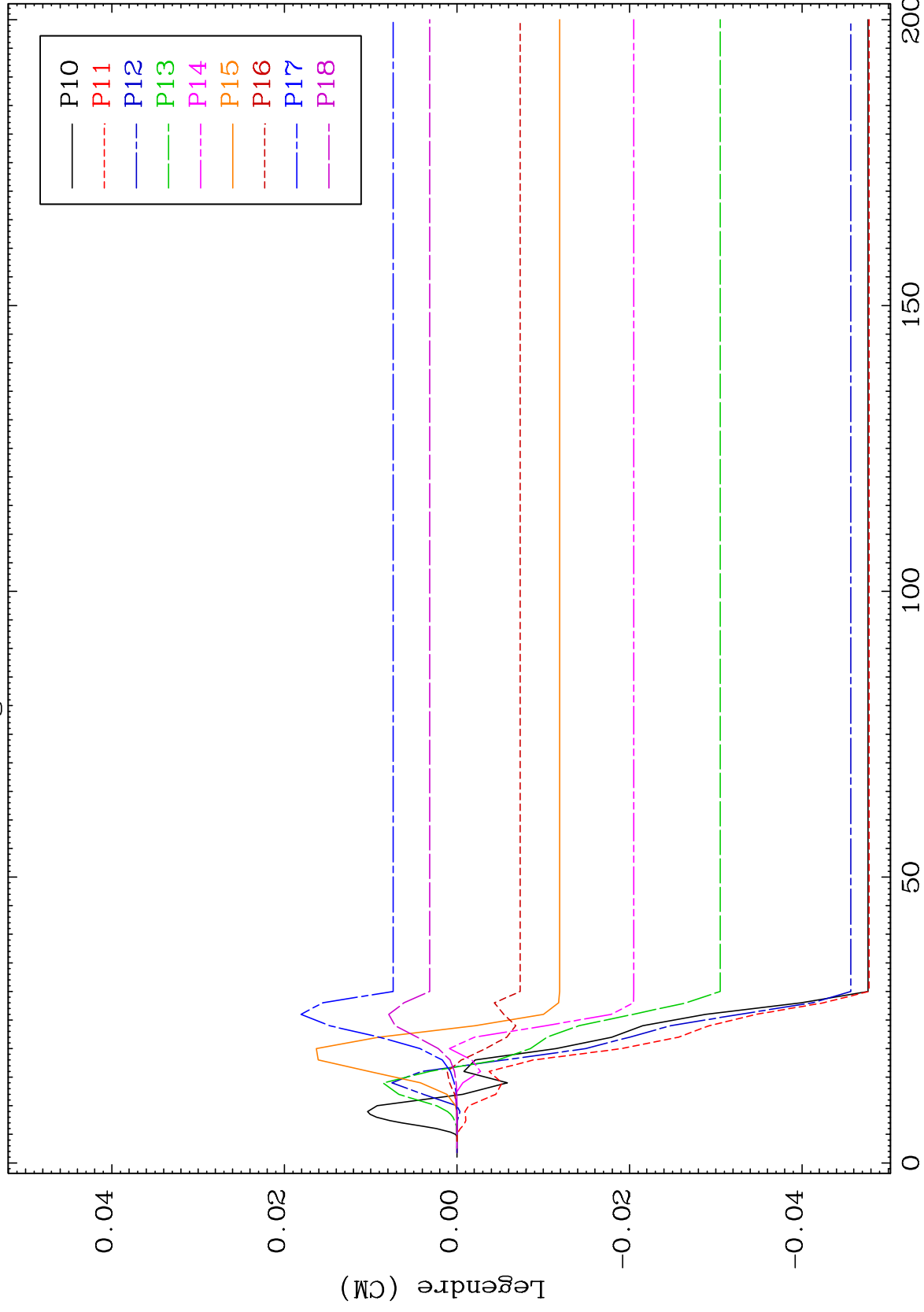




MAT 5864

245.4 keV (n,n') Level
Legendre Coefficients

58-Ce-149



49

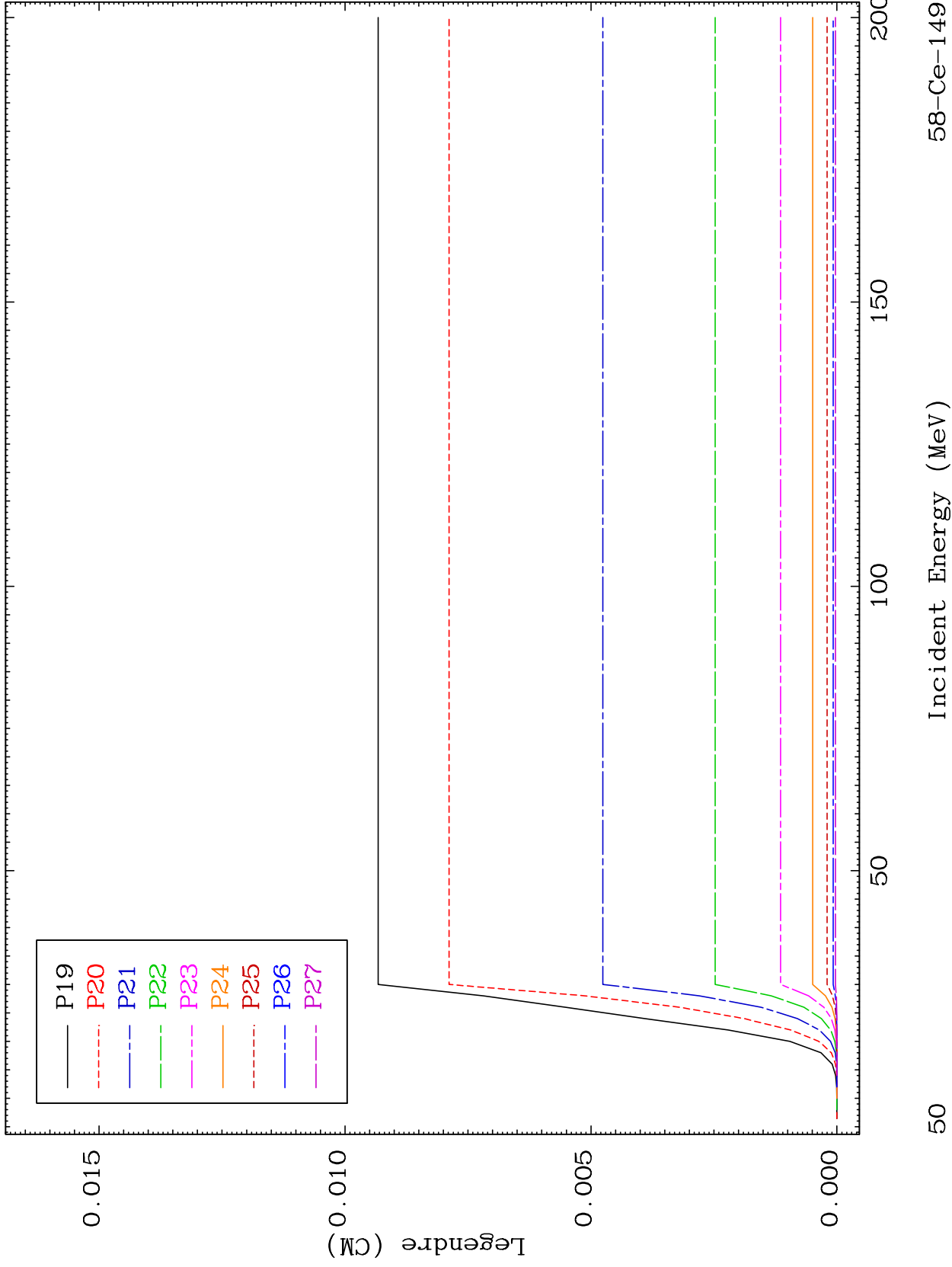
Incident Energy (MeV)

58-Ce-149

MAT 5864

245.4 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

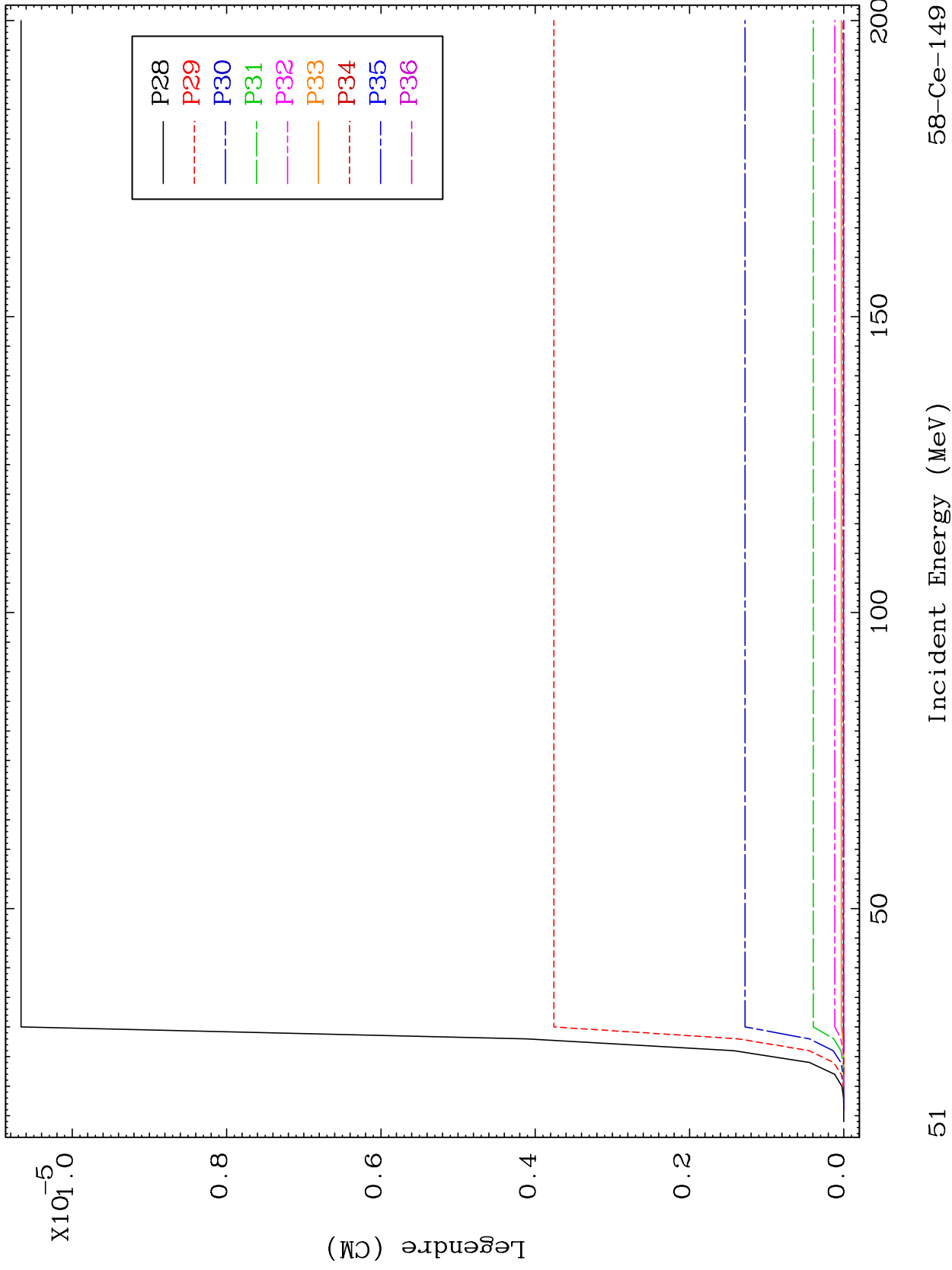
Incident Energy (MeV)

50

MAT 5864

245.4 keV (n,n') Level
Legendre Coefficients

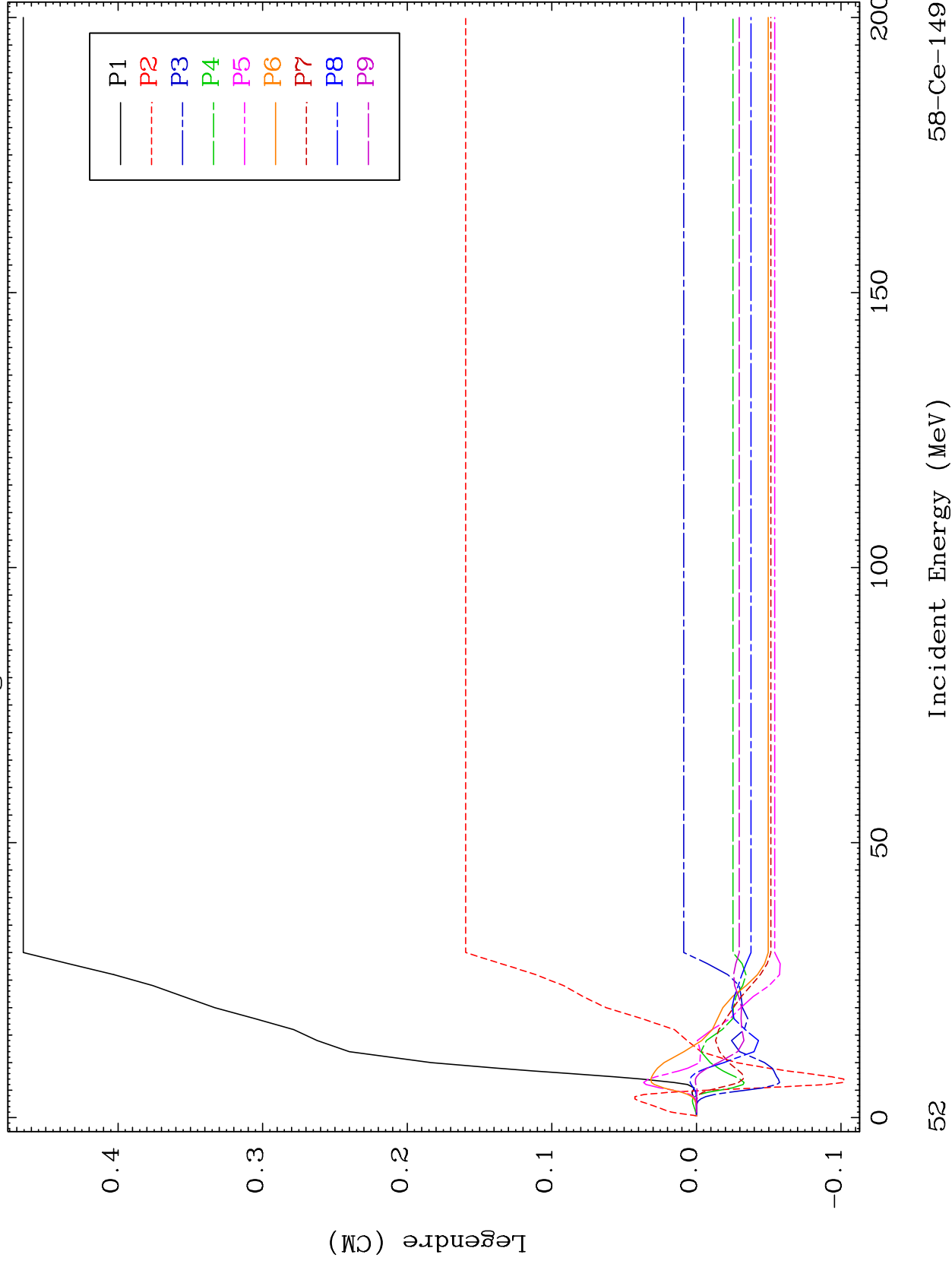
58-Ce-149



MAT 5864

289.0 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

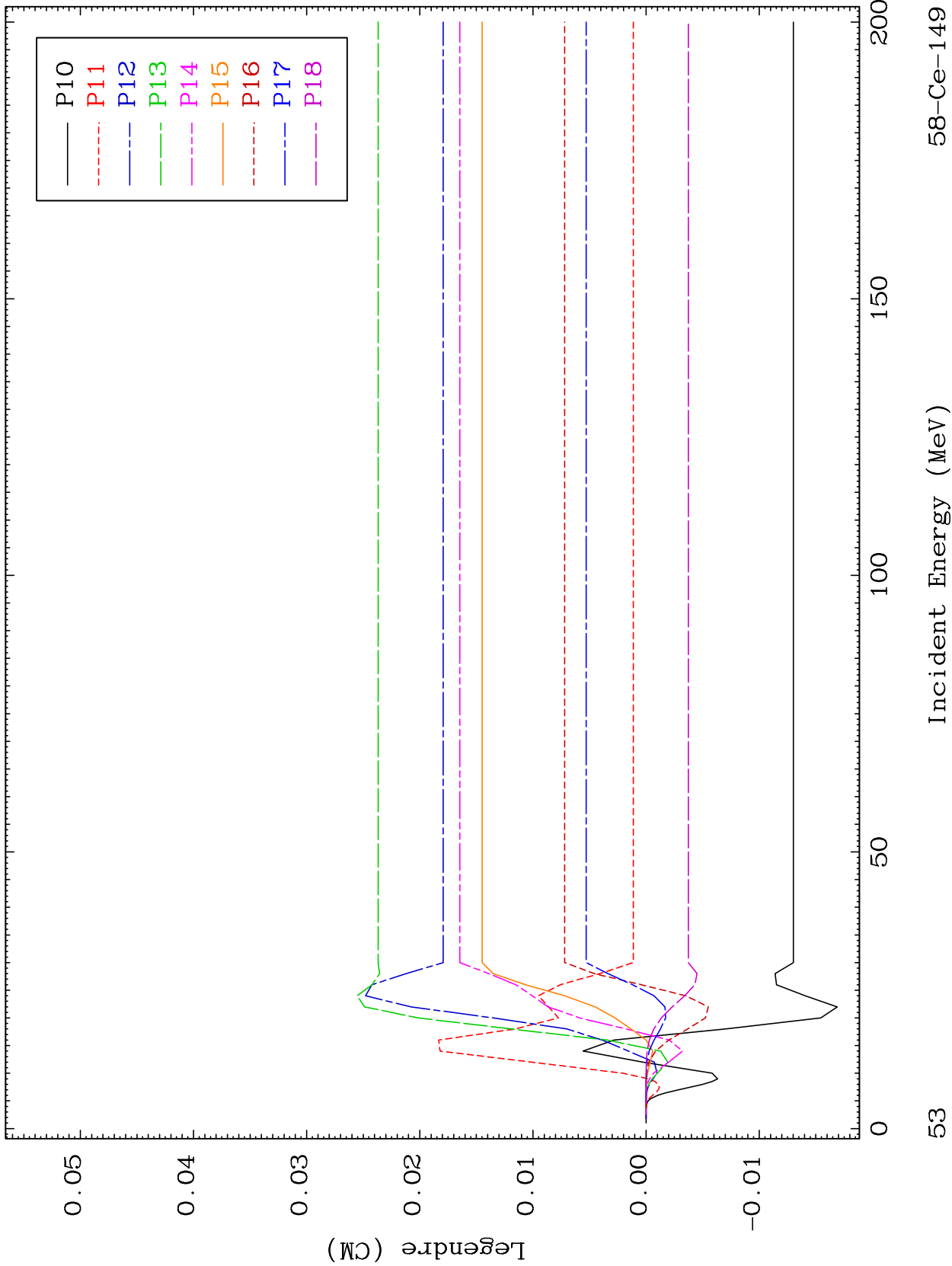
Incident Energy (MeV)

Legendre (CM)

MAT 5864

289.0 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

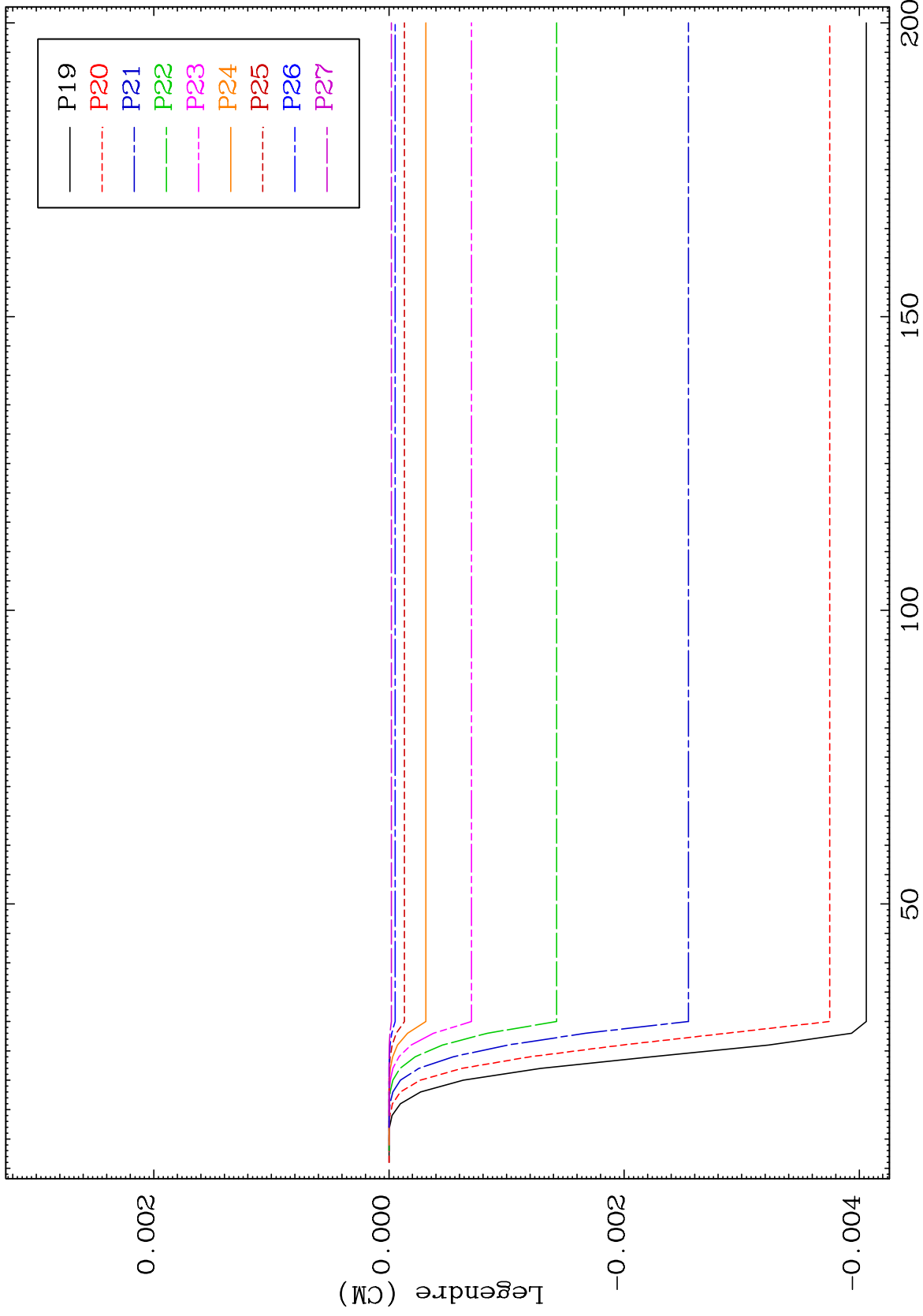
Incident Energy (MeV)

53

MAT 5864

289.0 keV (n,n') Level
Legendre Coefficients

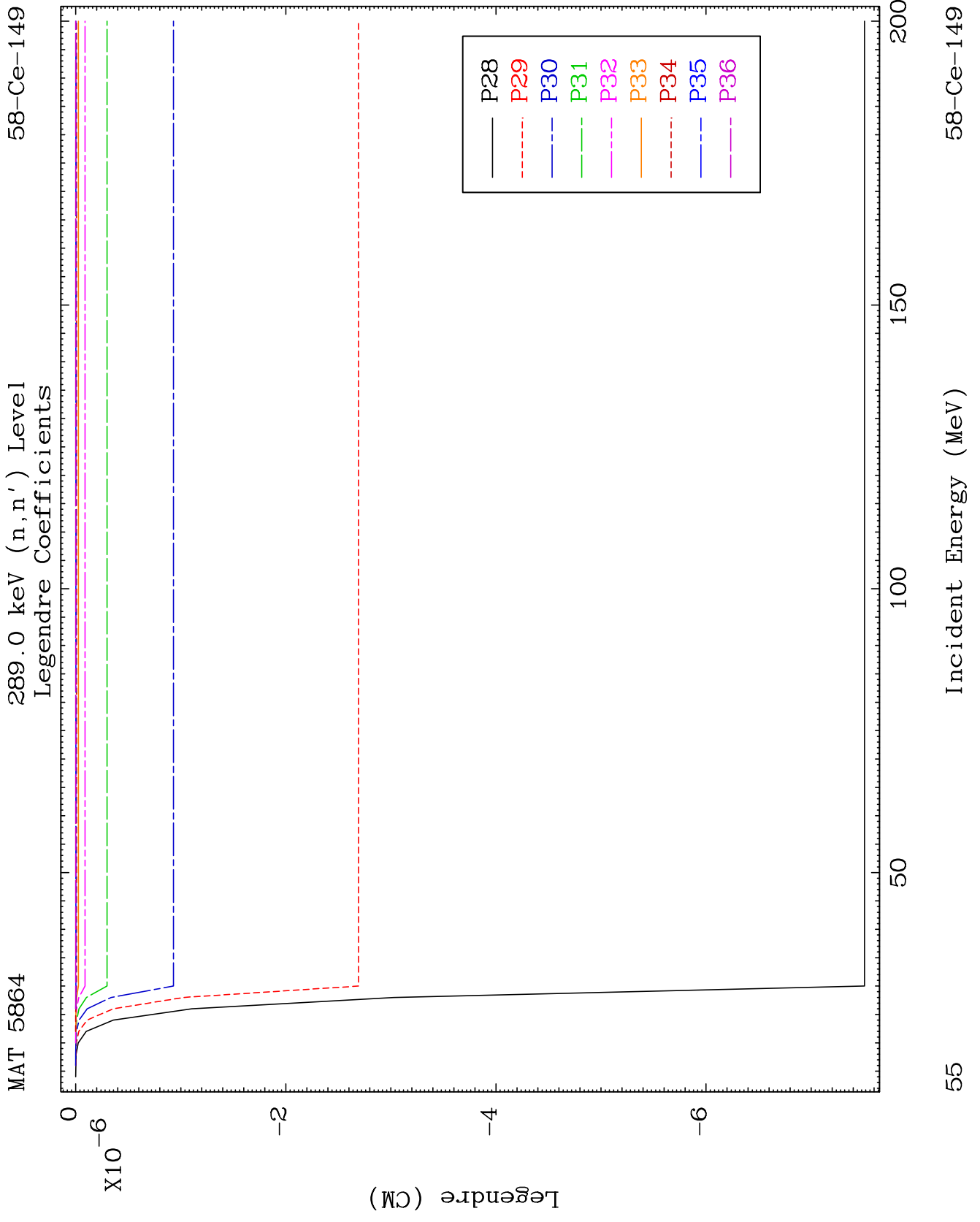
58-Ce-149



54

Incident Energy (MeV)

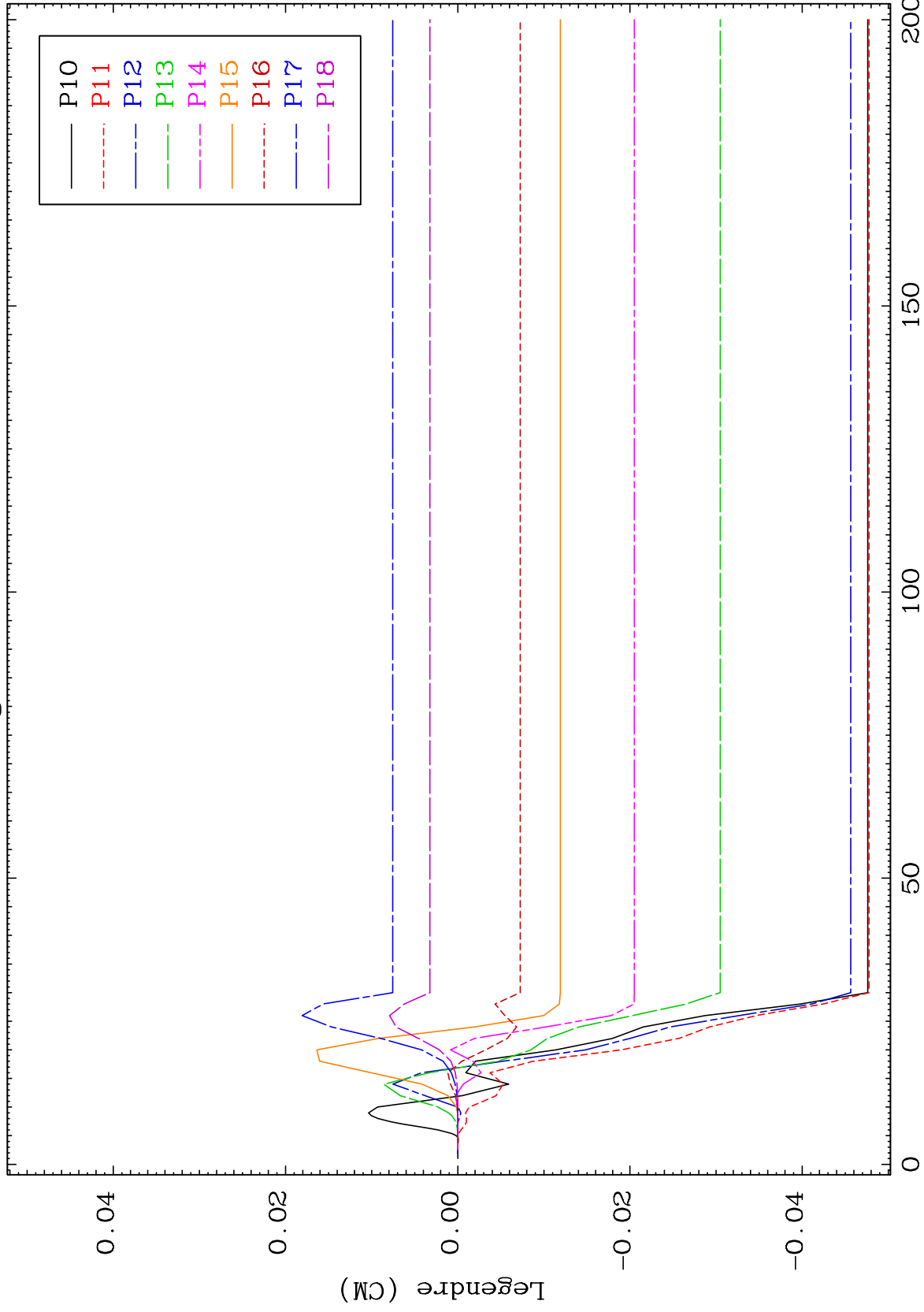
58-Ce-149



MAT 5864

305.5 keV (n,n') Level
Legendre Coefficients

58-Ce-149



57

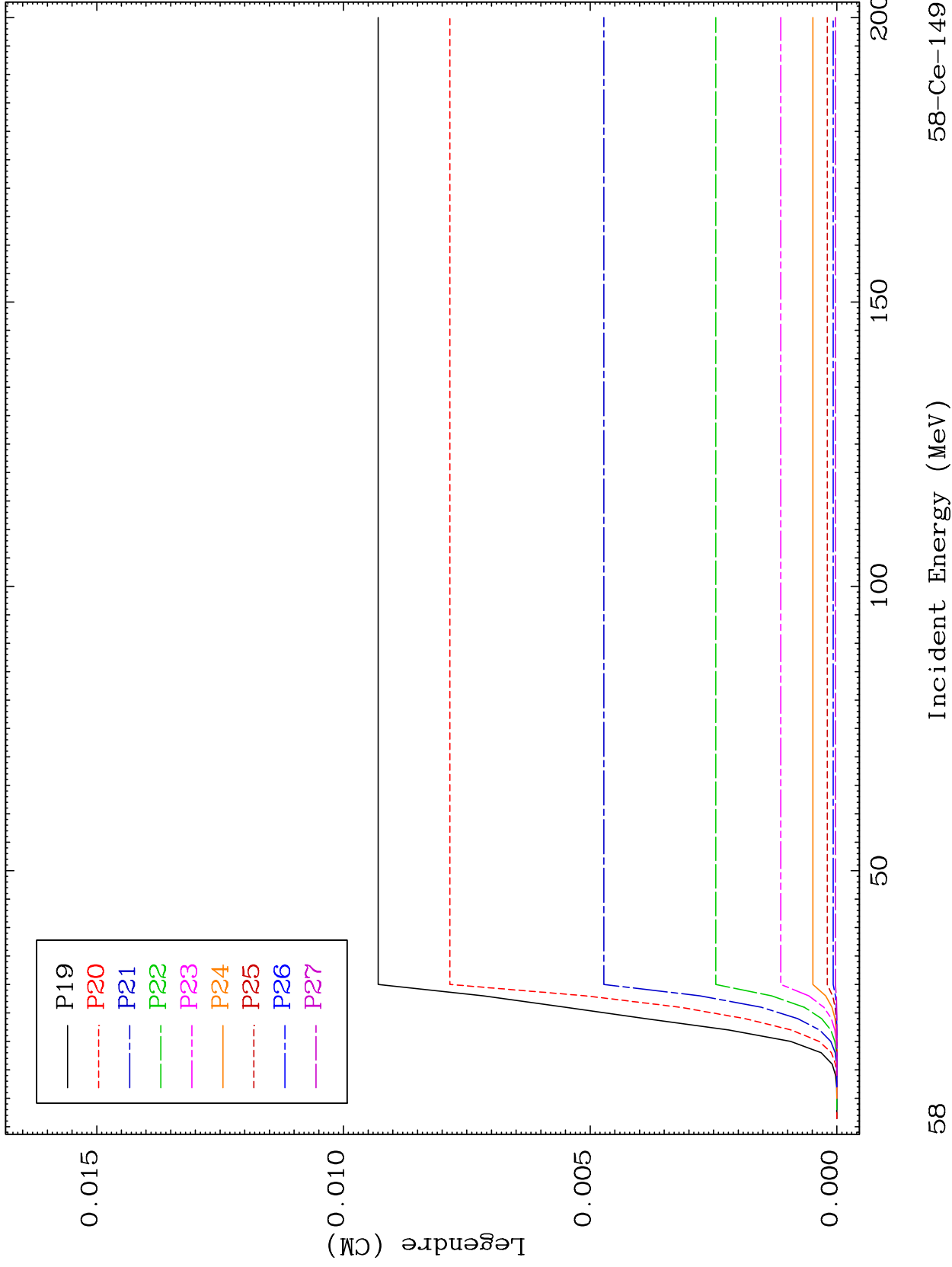
Incident Energy (MeV)

58-Ce-149

MAT 5864

305.5 keV (n,n') Level
Legendre Coefficients

58-Ce-149



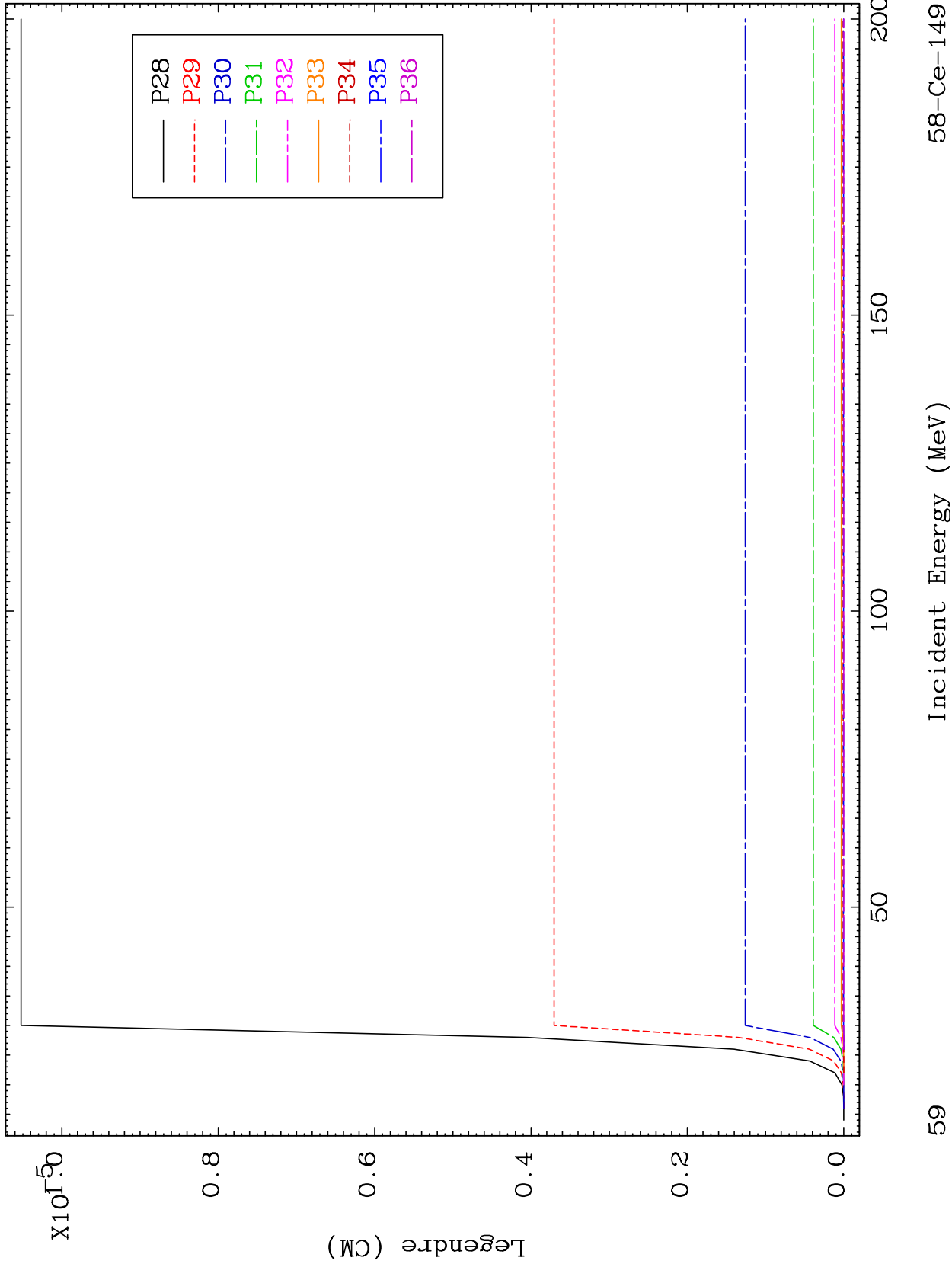
58

58-Ce-149

MAT 5864

305.5 keV (n, n') Level
Legendre Coefficients

58-Ce-149



59

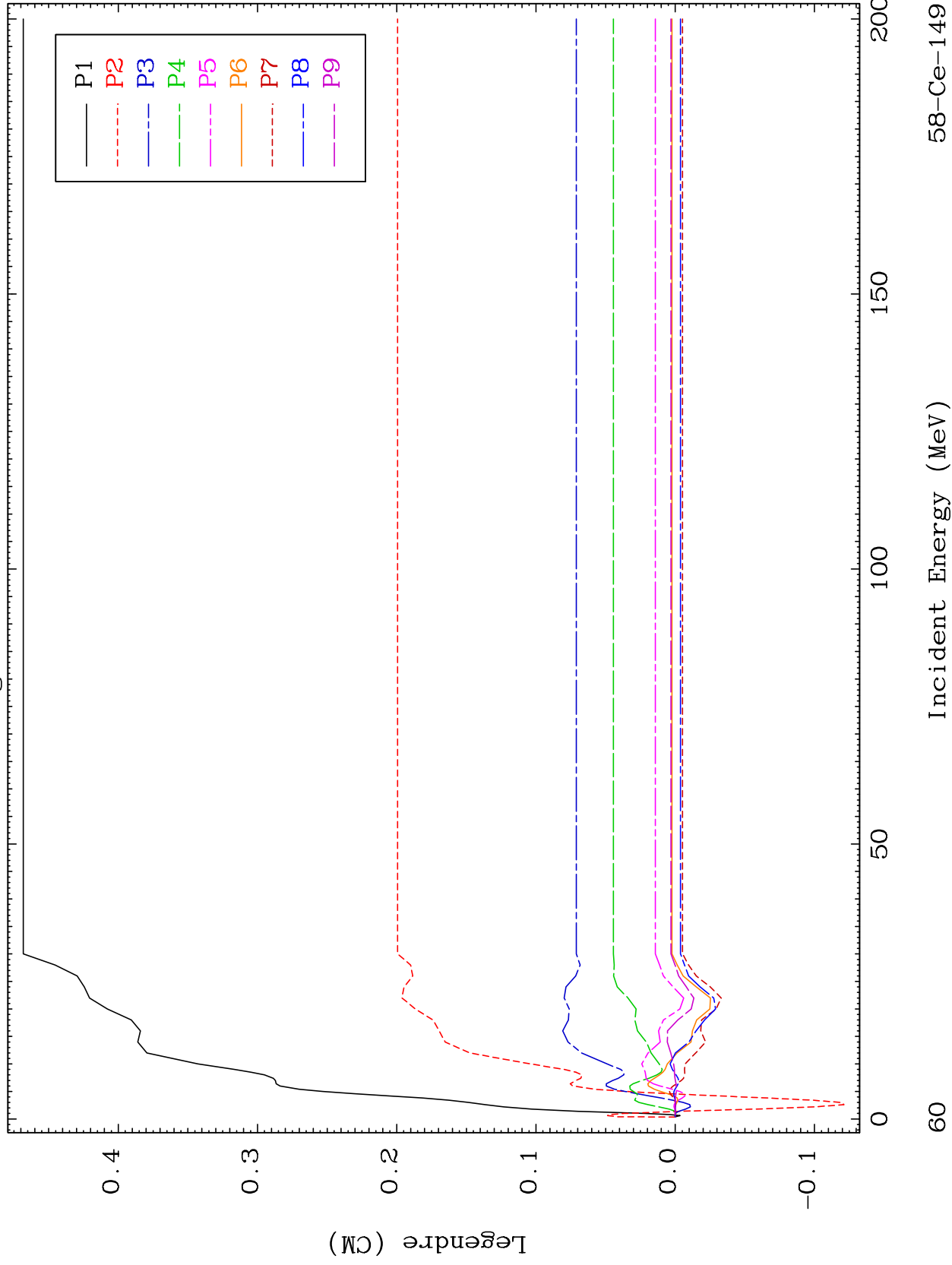
Incident Energy (MeV)

58-Ce-149

MAT 5864

336.1 keV (n,n') Level
Legendre Coefficients

58-Ce-149

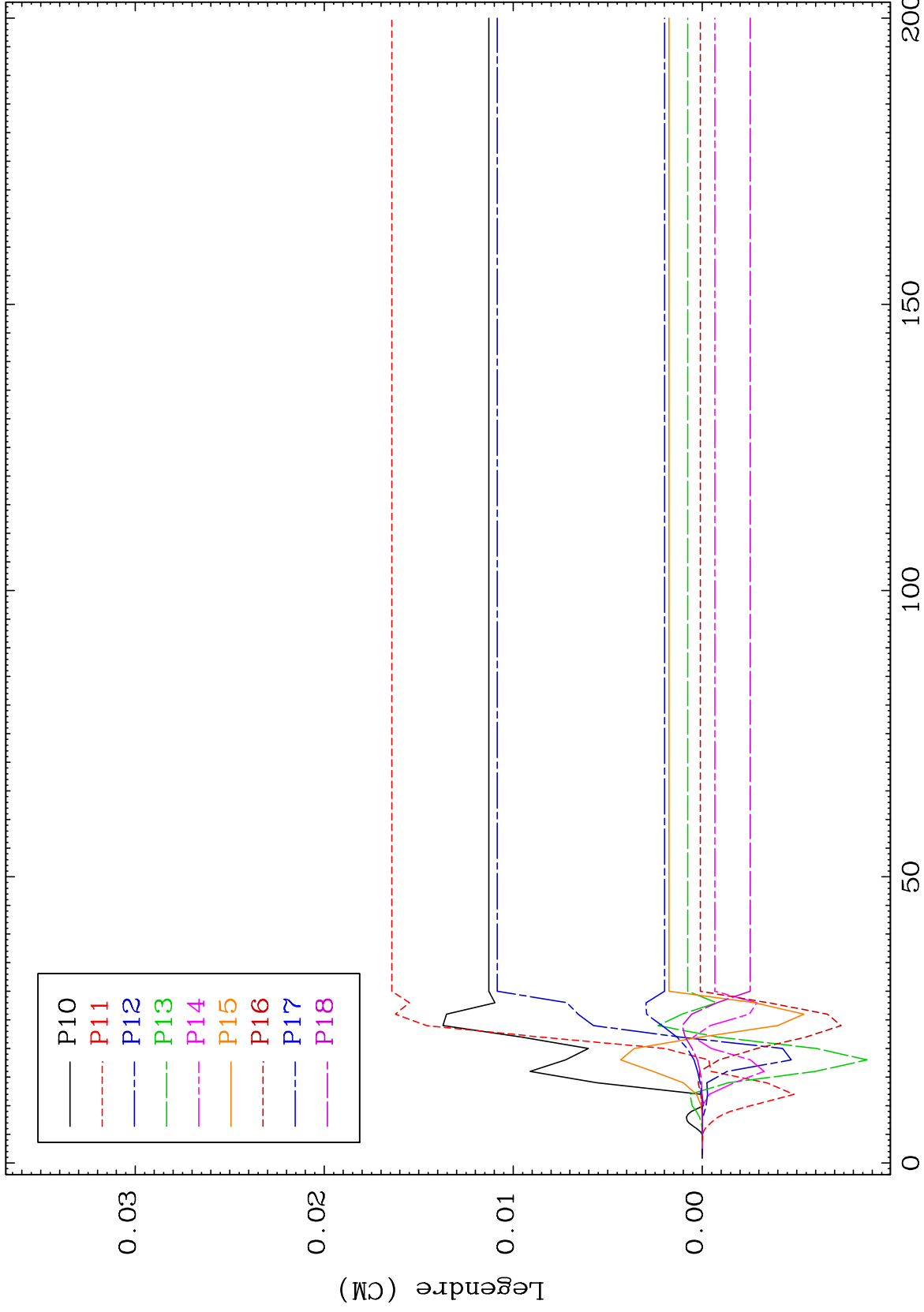


58-Ce-149

MAT 5864

336.1 keV (n,n') Level
Legendre Coefficients

58-Ce-149



61

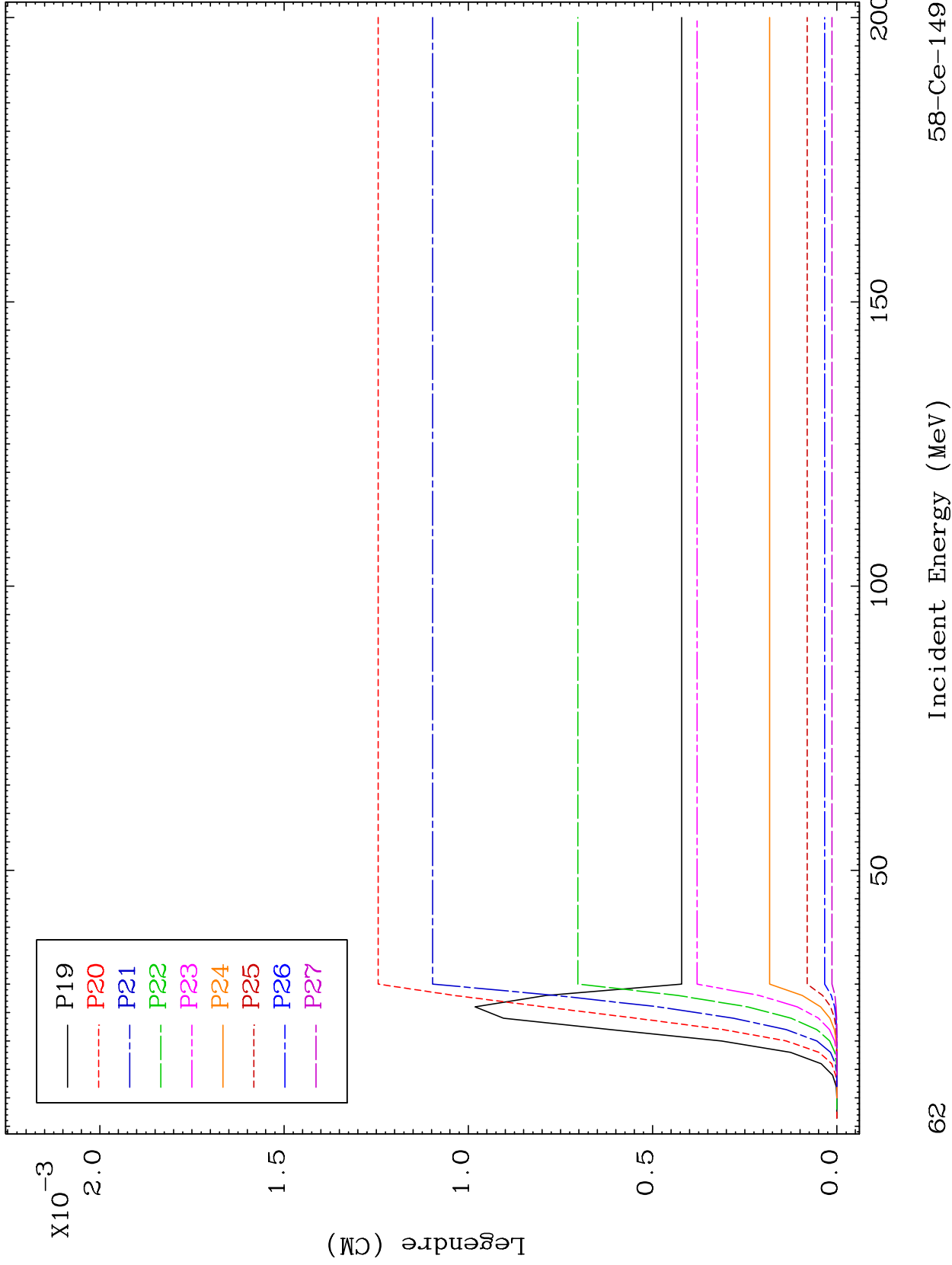
Incident Energy (MeV)

58-Ce-149

MAT 5864

336.1 keV (n,n') Level
Legendre Coefficients

58-Ce-149



62

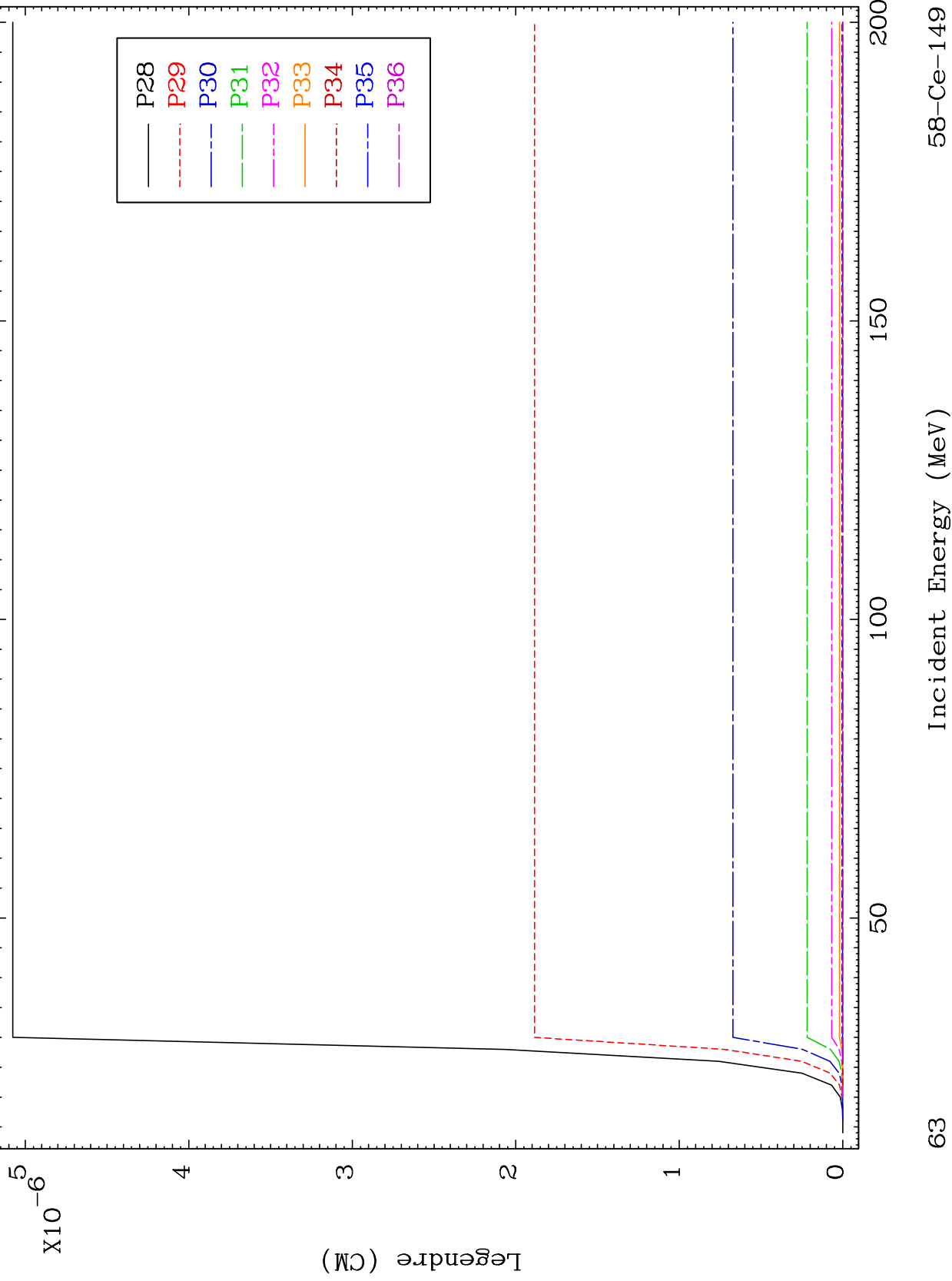
Incident Energy (MeV)

58-Ce-149

MAT 5864

336.1 keV (n,n') Level
Legendre Coefficients

58-Ce-149



63

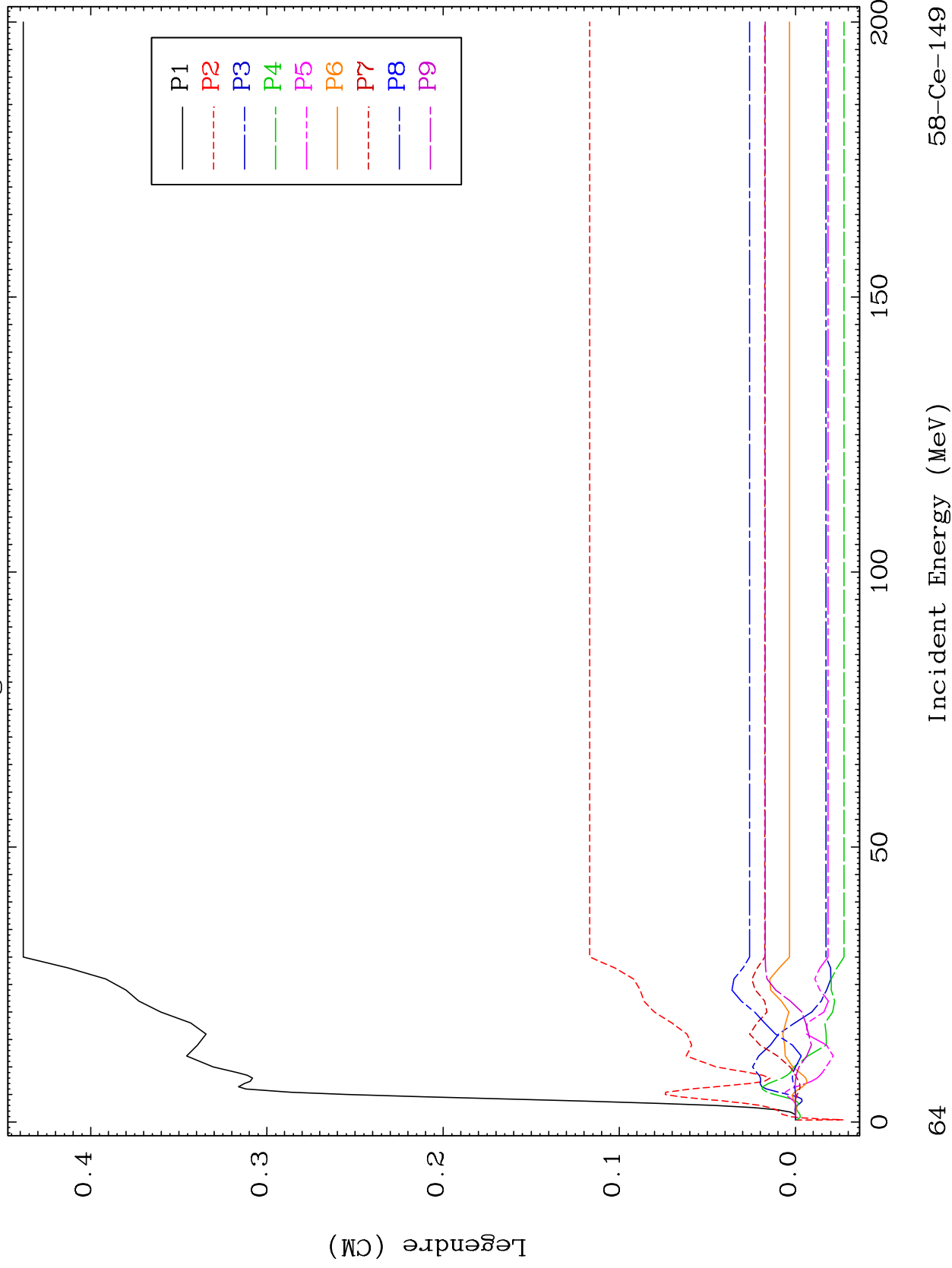
Incident Energy (MeV)

58-Ce-149

MAT 5864

347.4 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

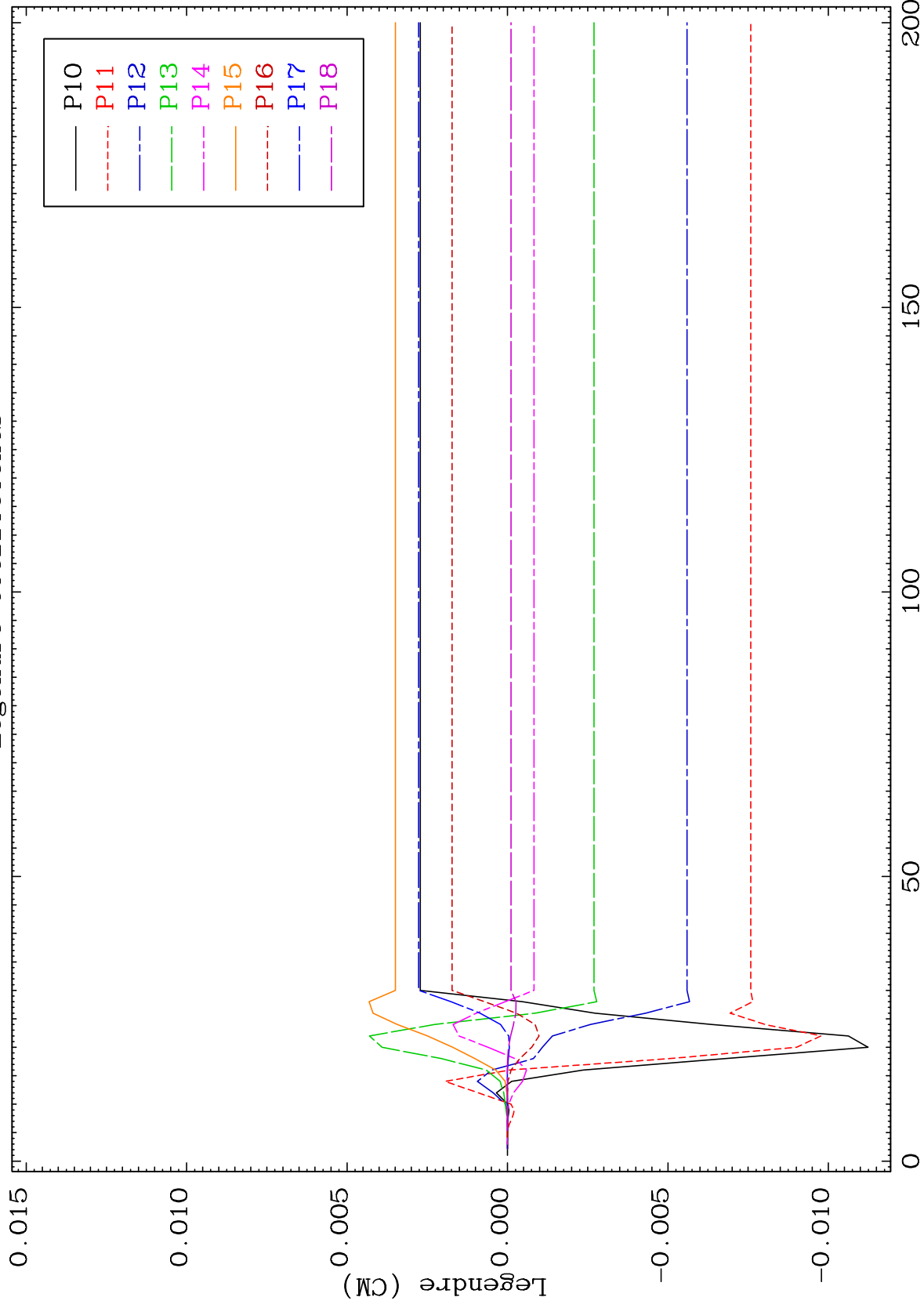
Incident Energy (MeV)

64

MAT 5864

347.4 keV (n,n') Level
Legendre Coefficients

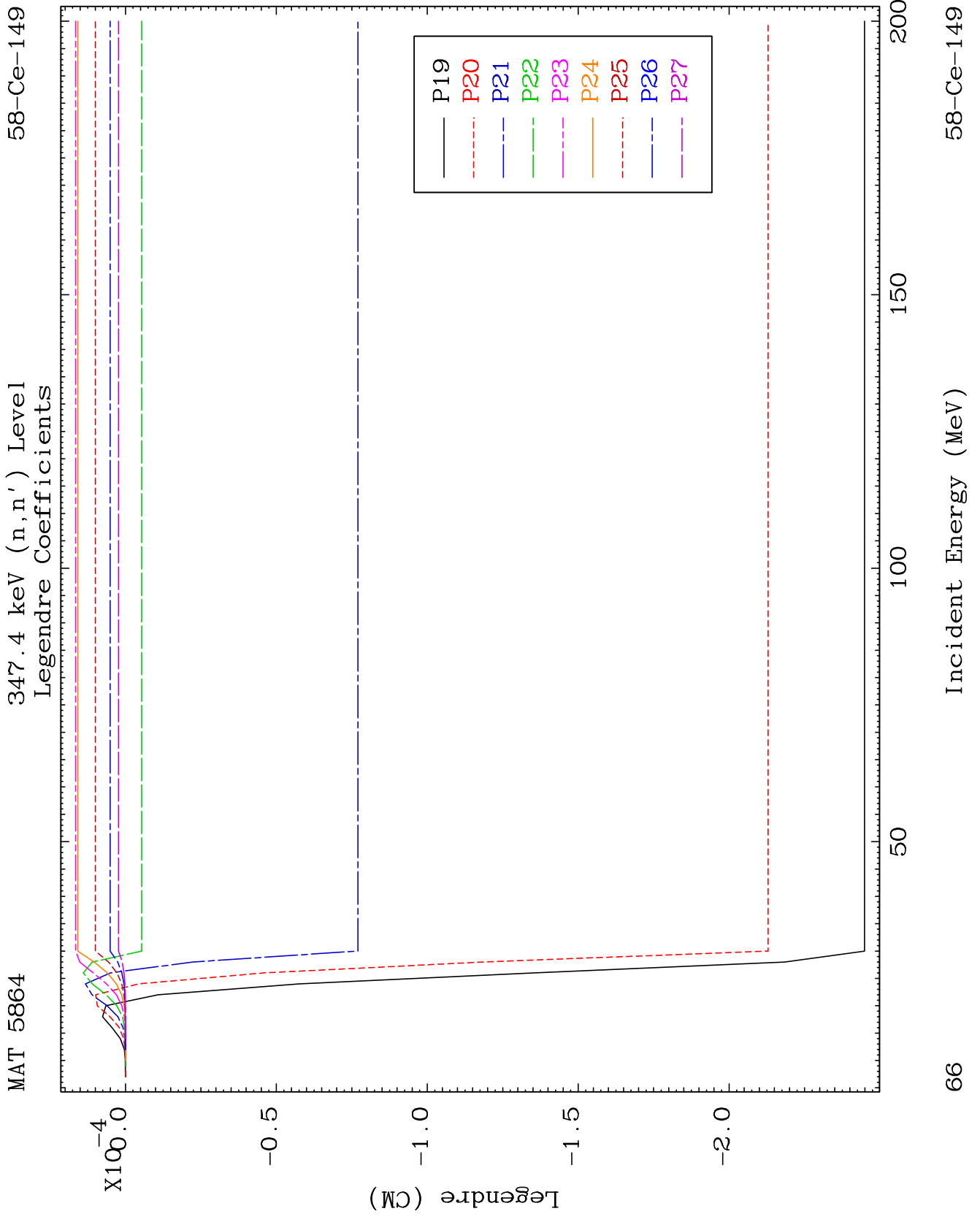
58-Ce-149



58-Ce-149

Incident Energy (MeV)

65

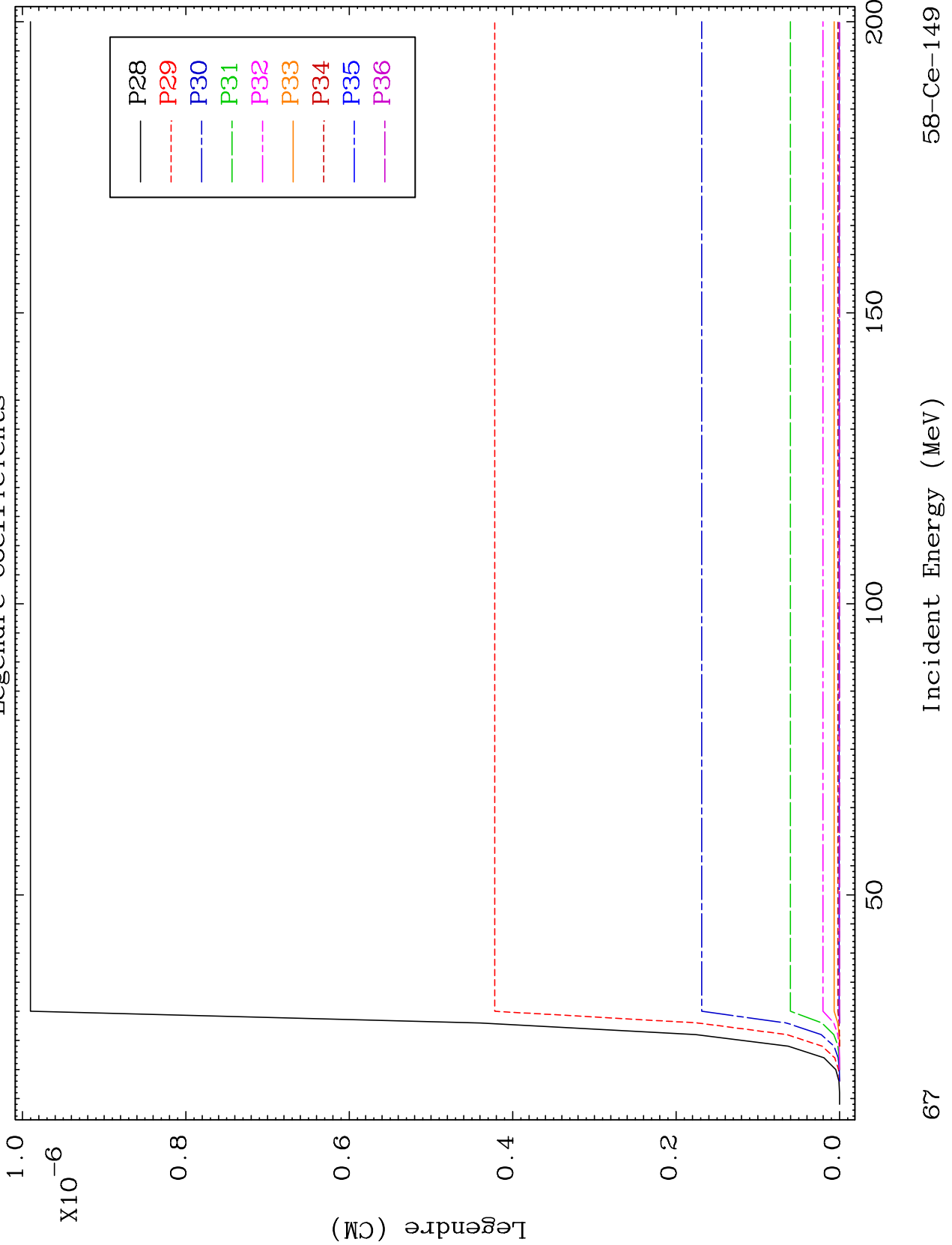


MAT 5864

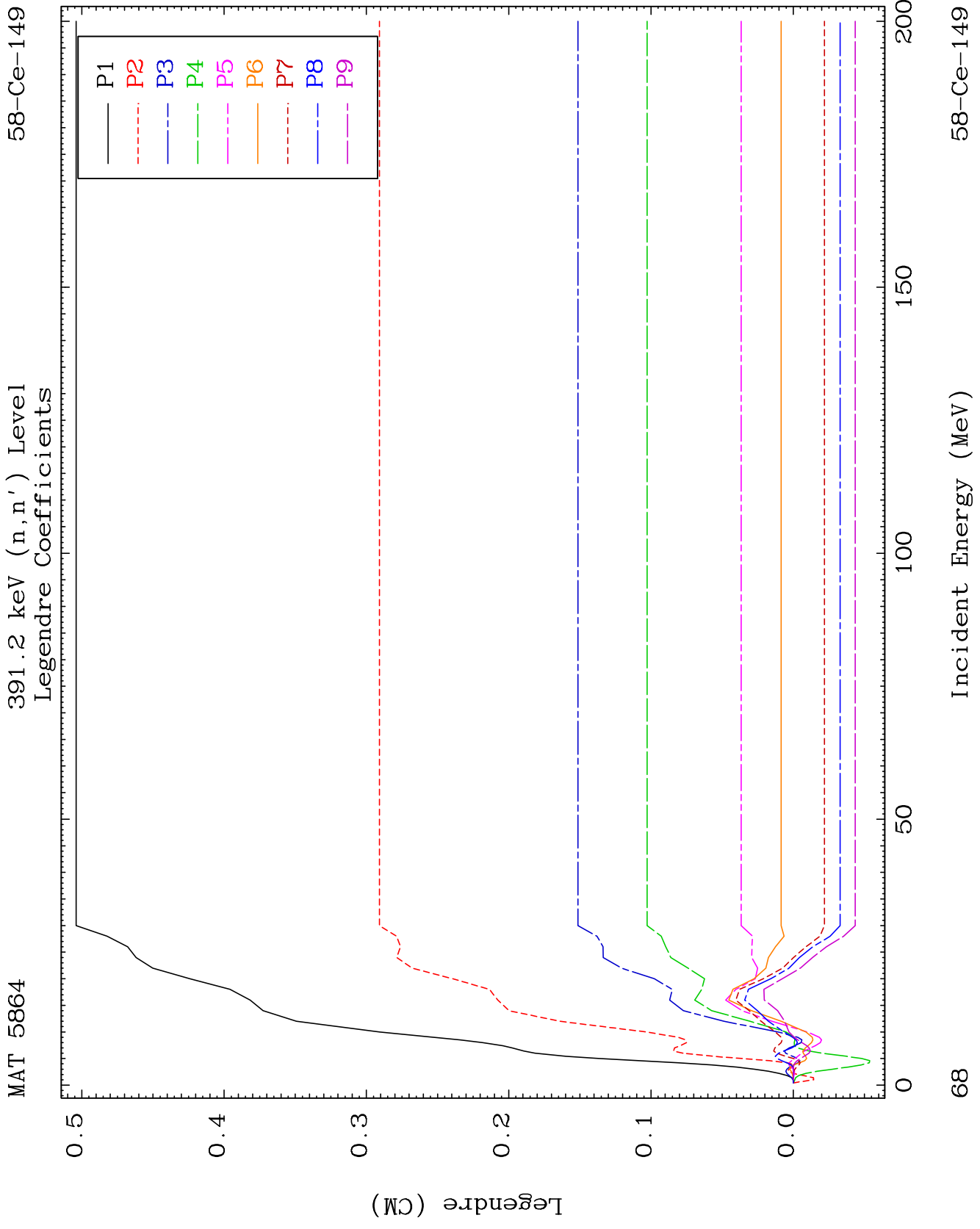
347.4 keV (n,n') Level

58-Ce-149

Legendre Coefficients



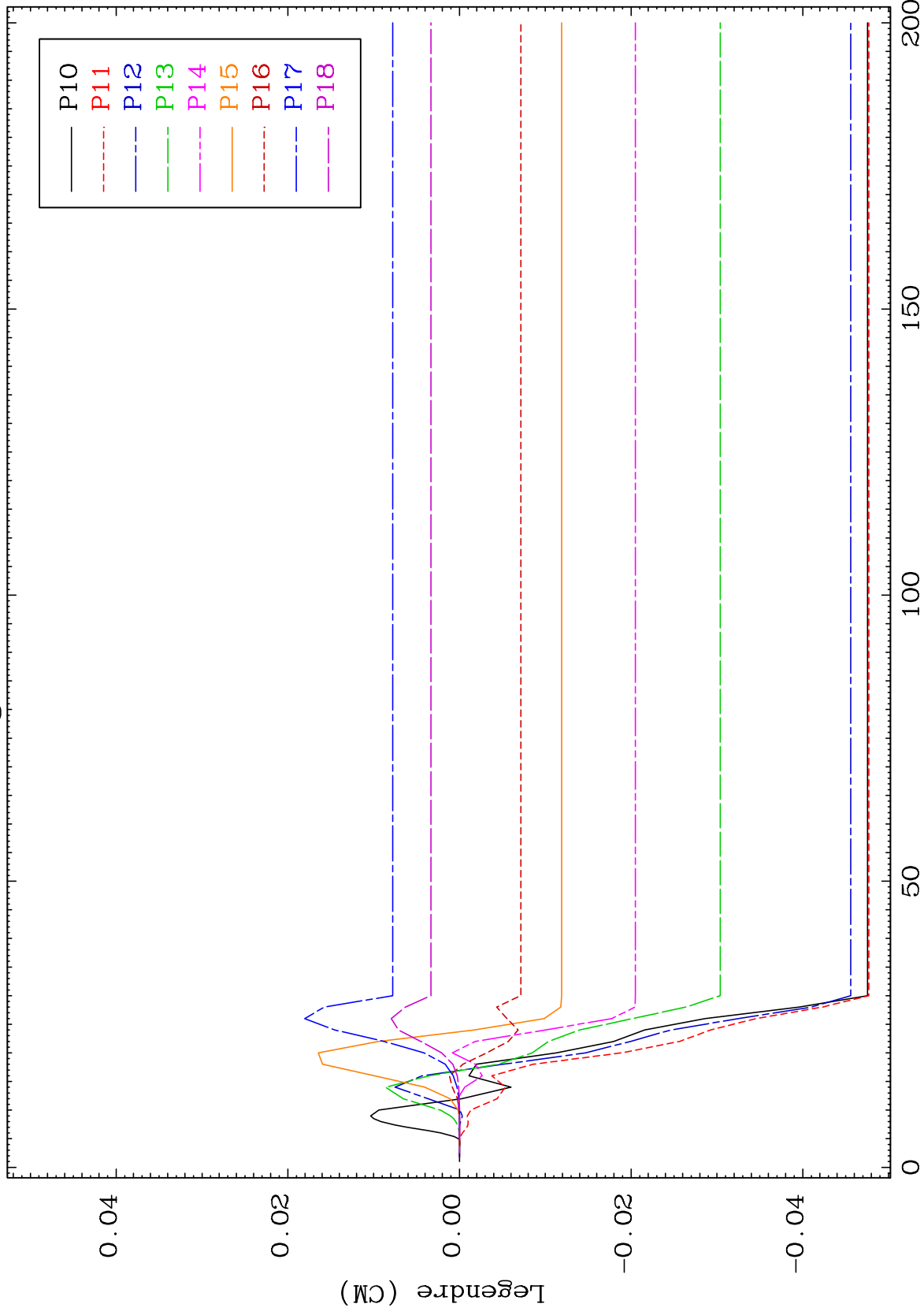
67



MAT 5864

391.2 keV (n,n') Level
Legendre Coefficients

58-Ce-149



69

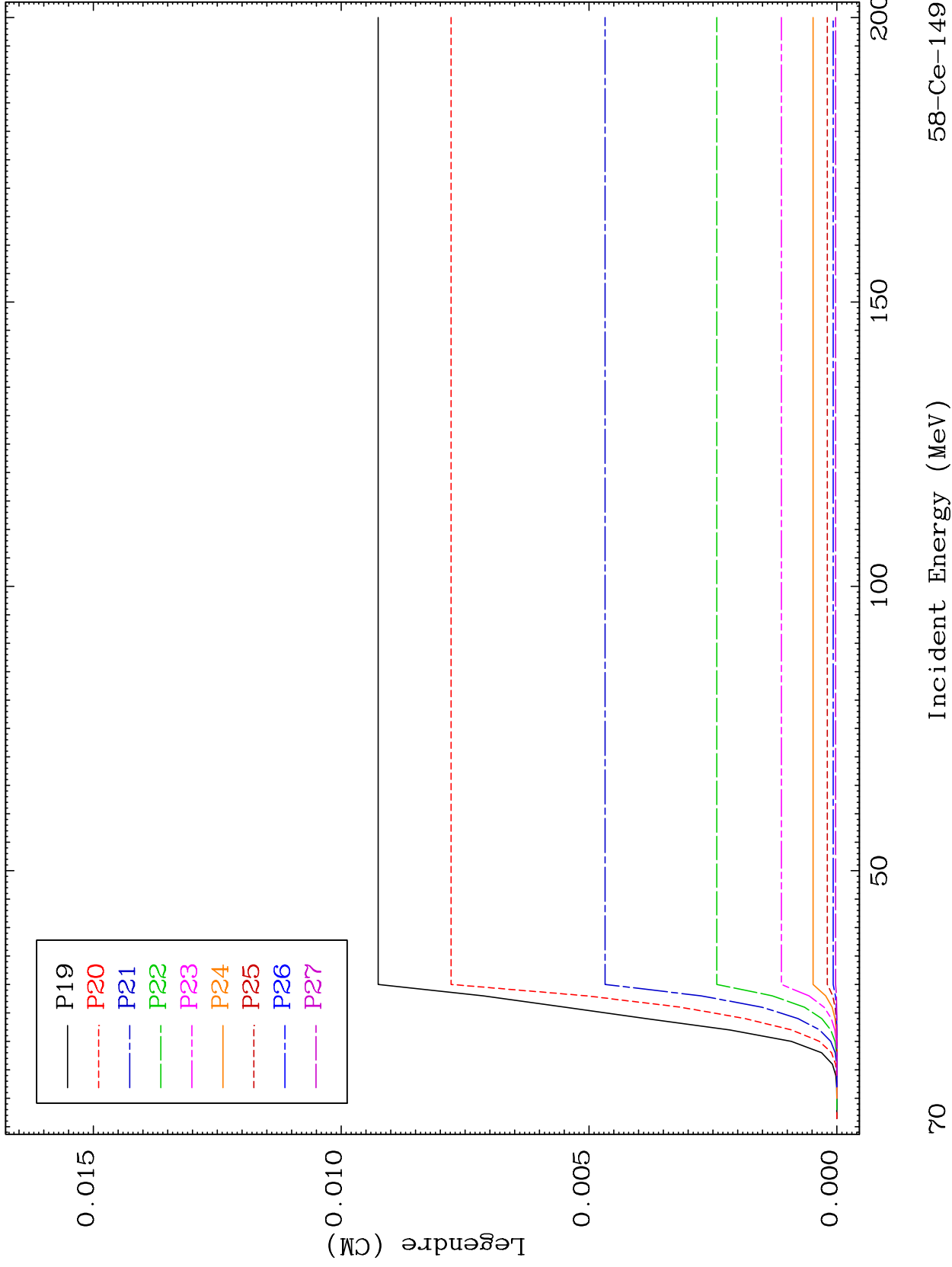
Incident Energy (MeV)

58-Ce-149

MAT 5864

391.2 keV (n,n') Level
Legendre Coefficients

58-Ce-149



70

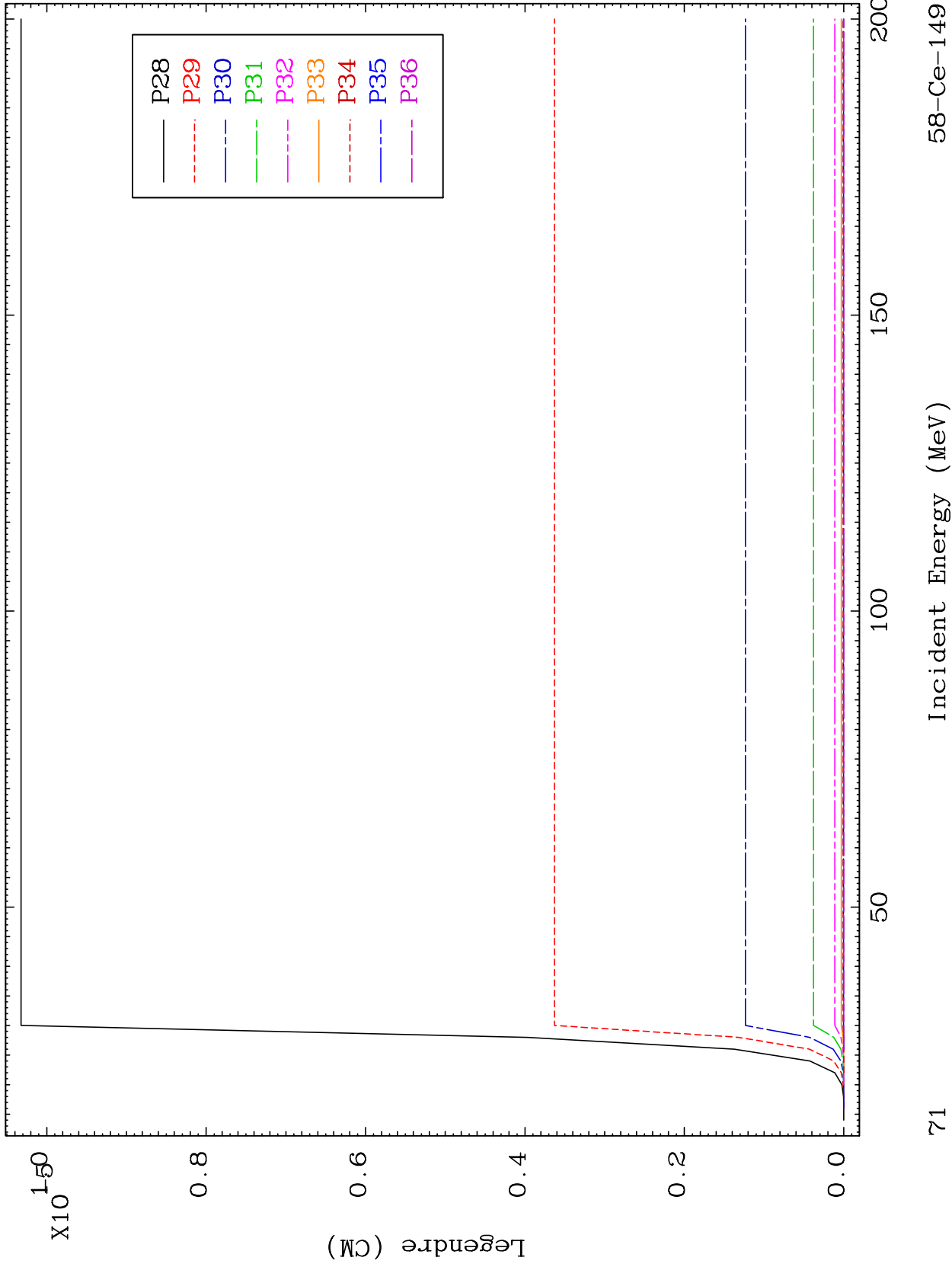
Incident Energy (MeV)

58-Ce-149

MAT 5864

391.2 keV (n, n') Level
Legendre Coefficients

58-Ce-149



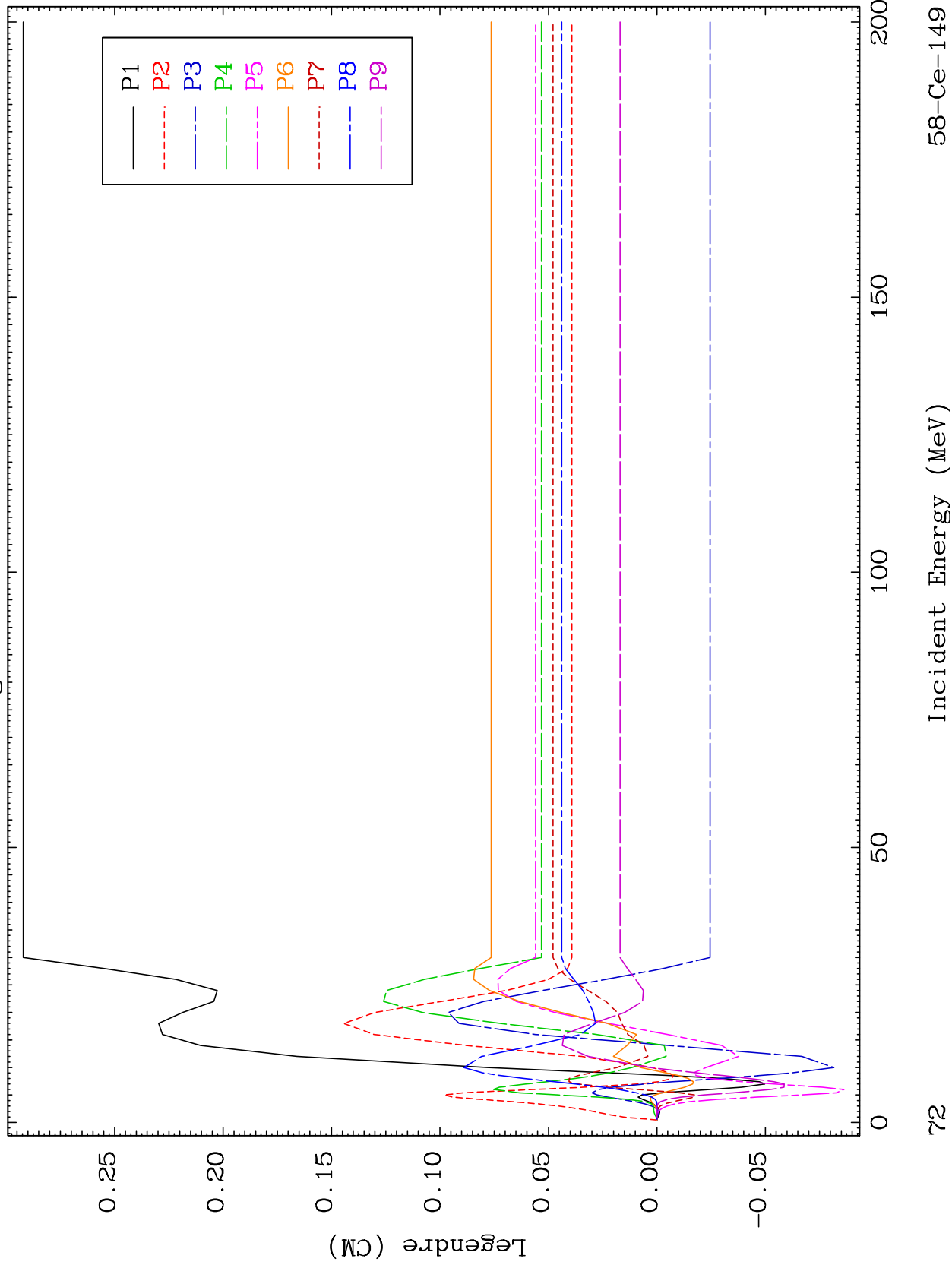
71

58-Ce-149

MAT 5864

433.2 keV (n,n') Level
Legendre Coefficients

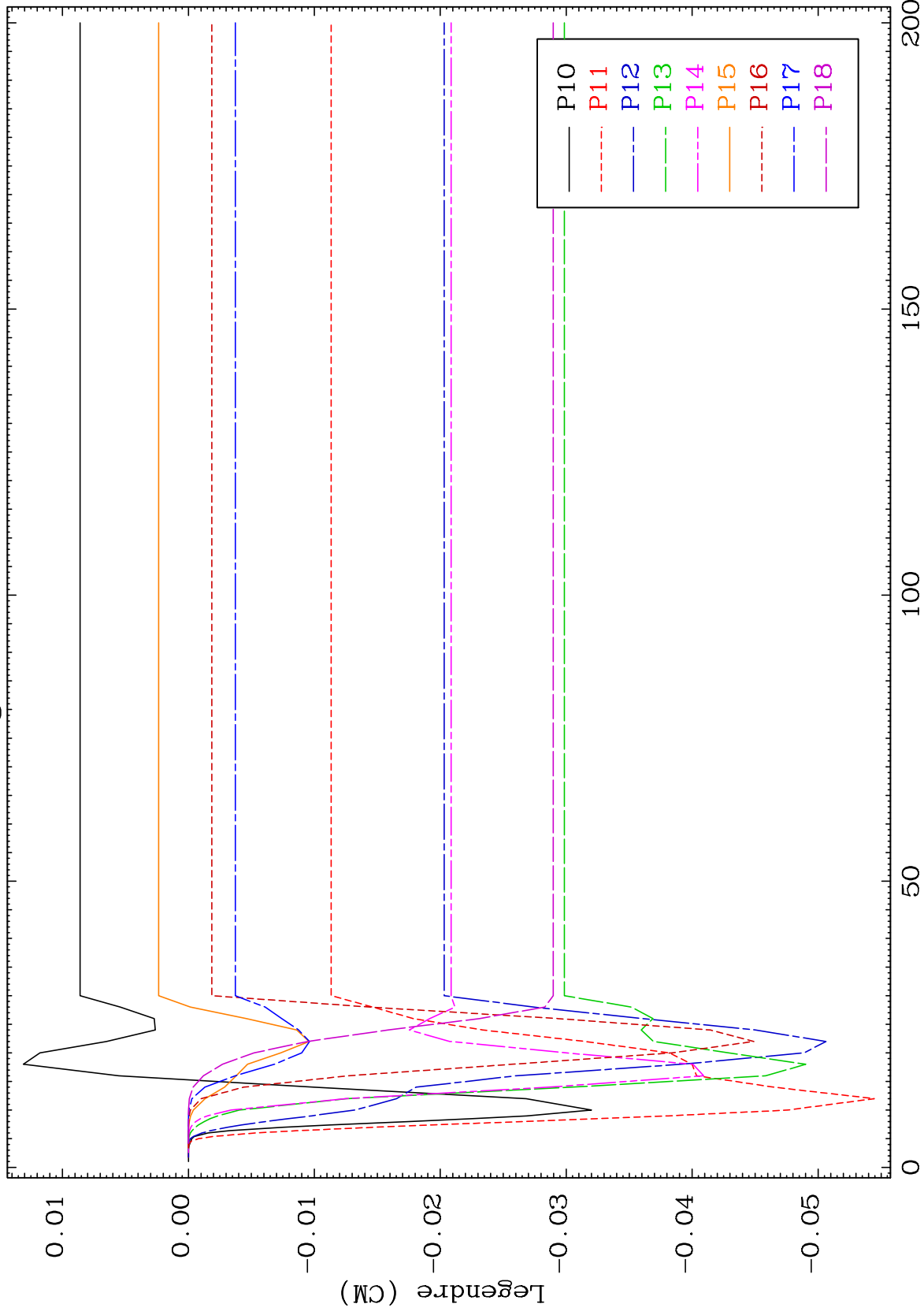
58-Ce-149



MAT 5864

433.2 keV (n,n') Level
Legendre Coefficients

58-Ce-149



73

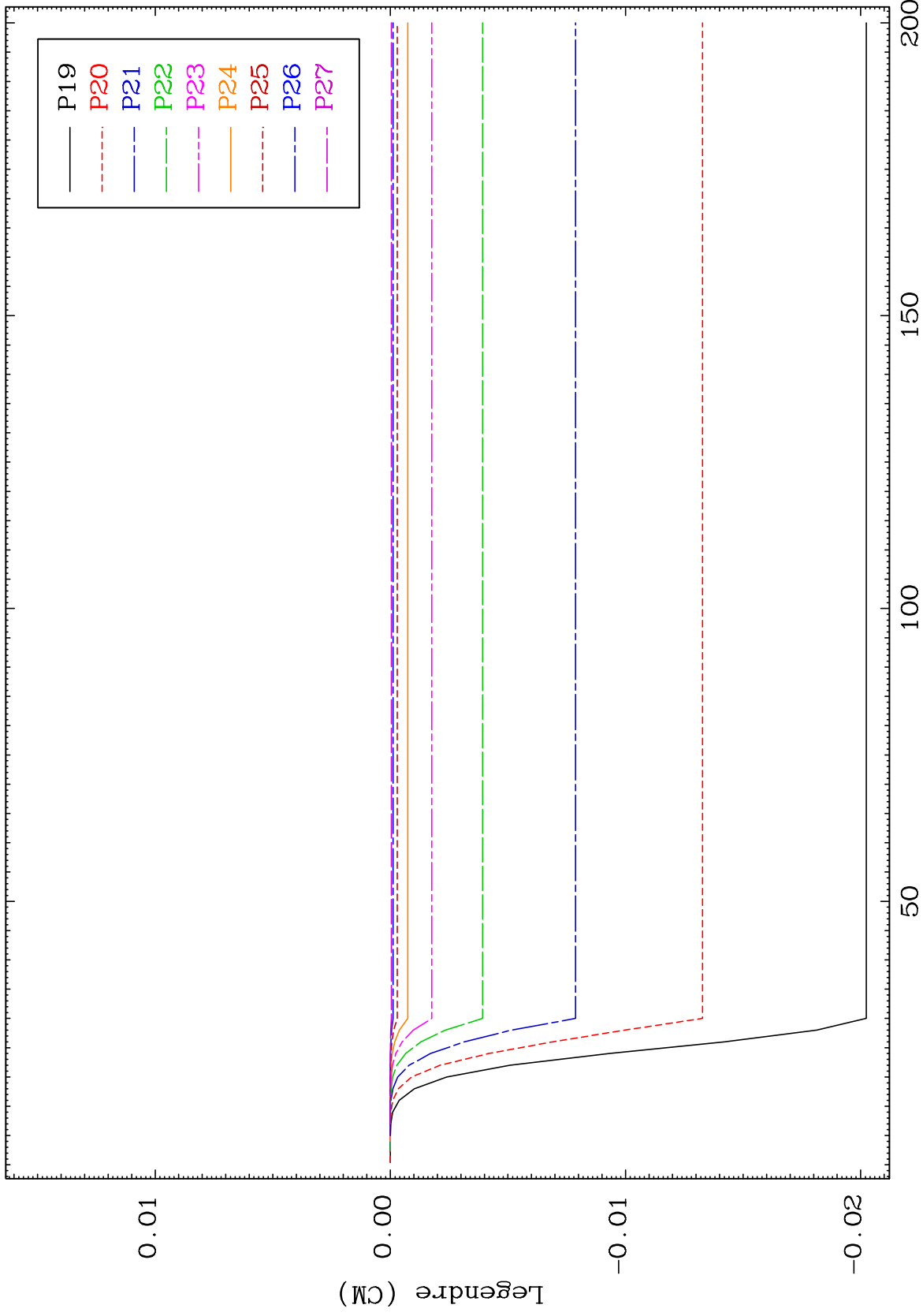
Incident Energy (MeV)

58-Ce-149

MAT 5864

433.2 keV (n,n') Level
Legendre Coefficients

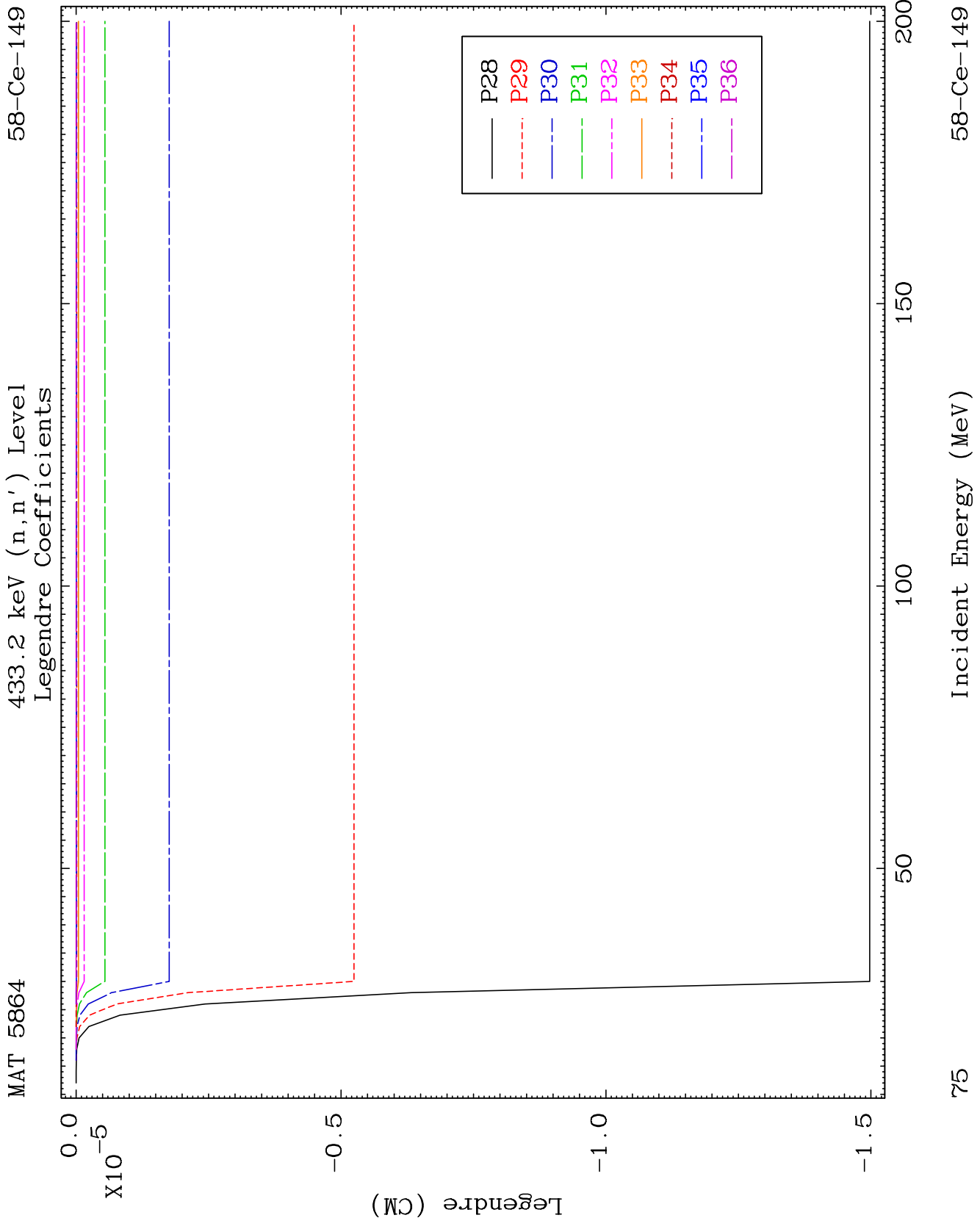
58-Ce-149



74

Incident Energy (MeV)

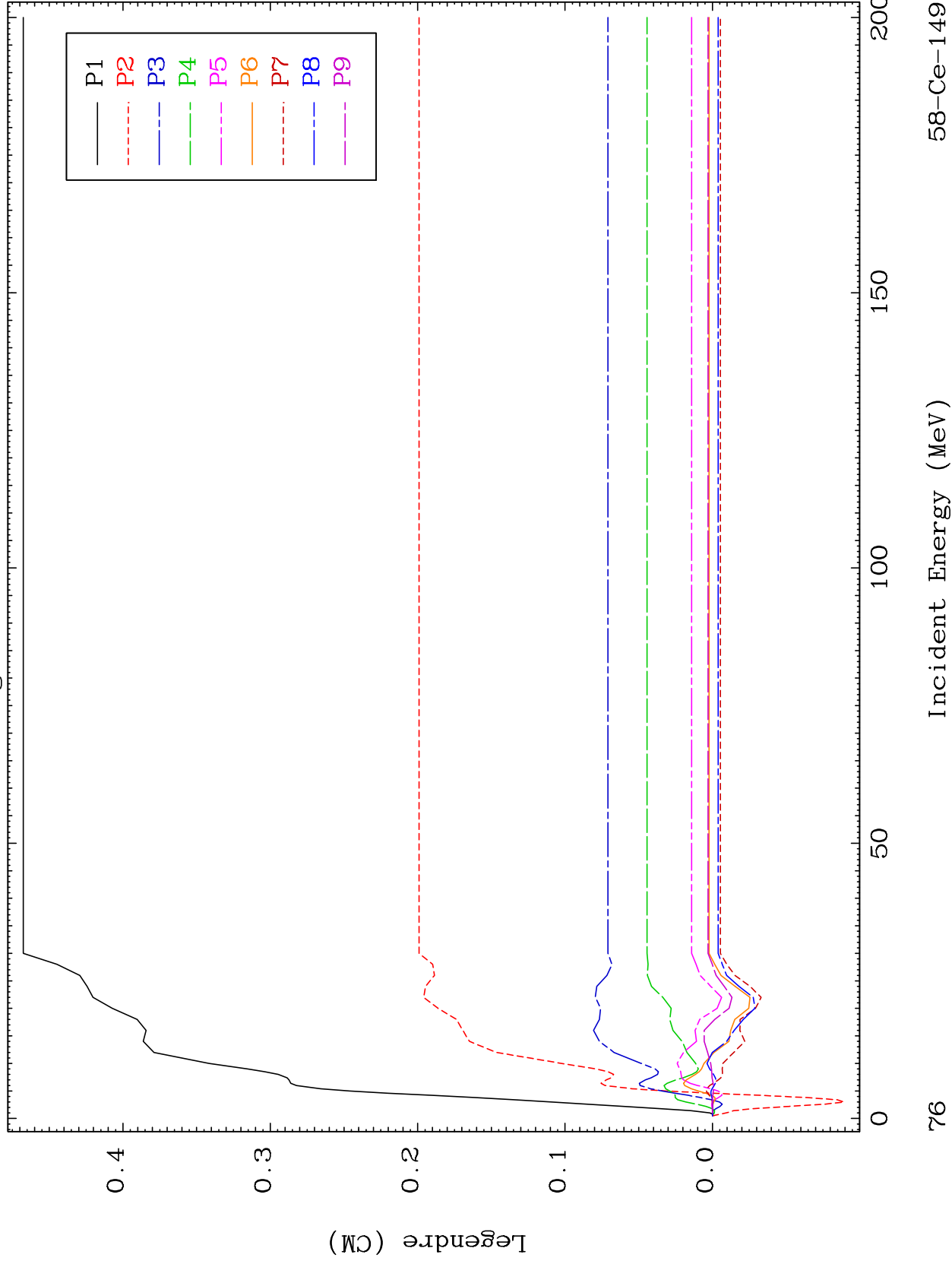
58-Ce-149



MAT 5864

444.1 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

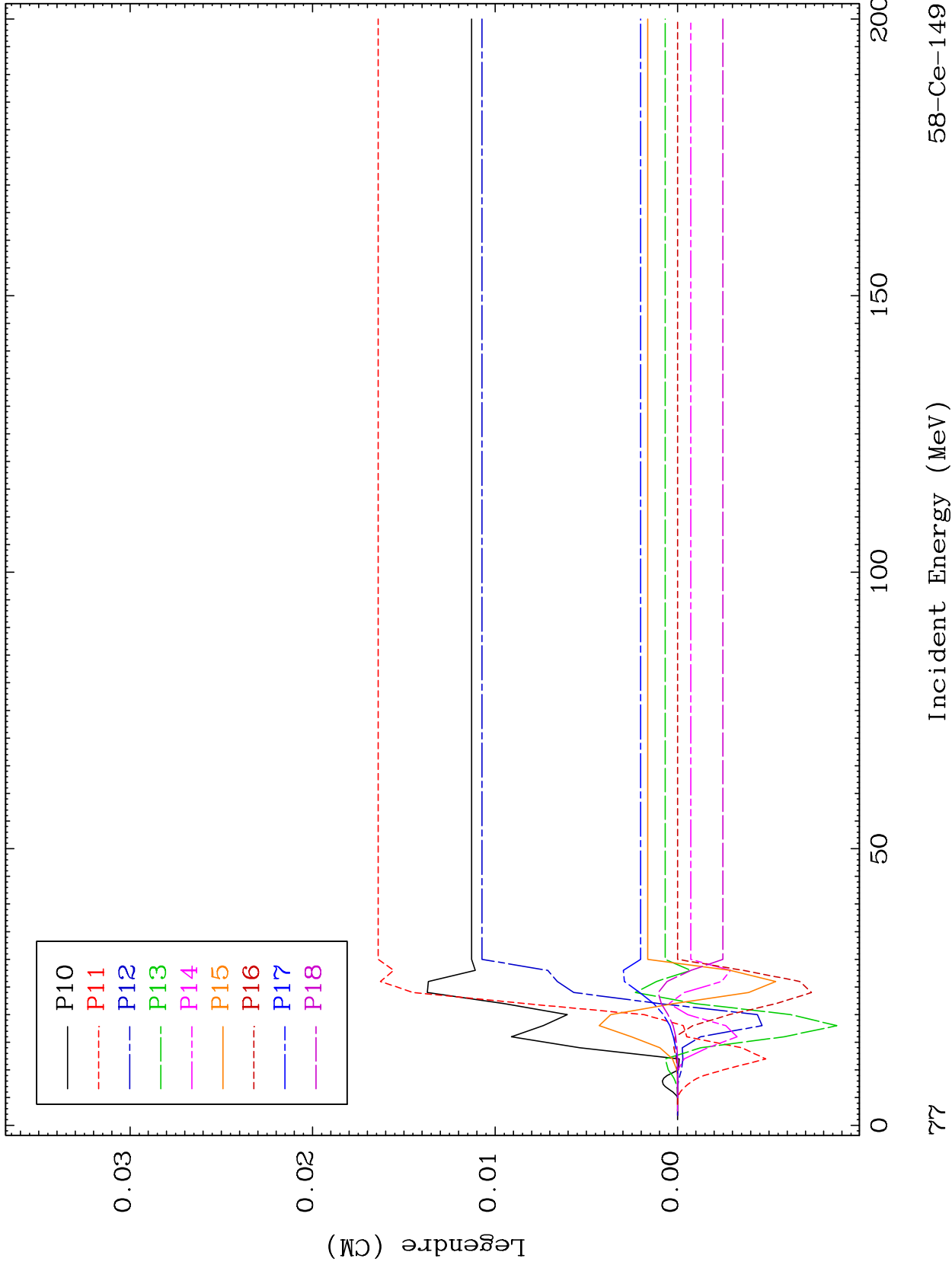
Incident Energy (MeV)

76

MAT 5864

444.1 keV (n,n') Level
Legendre Coefficients

58-Ce-149



77

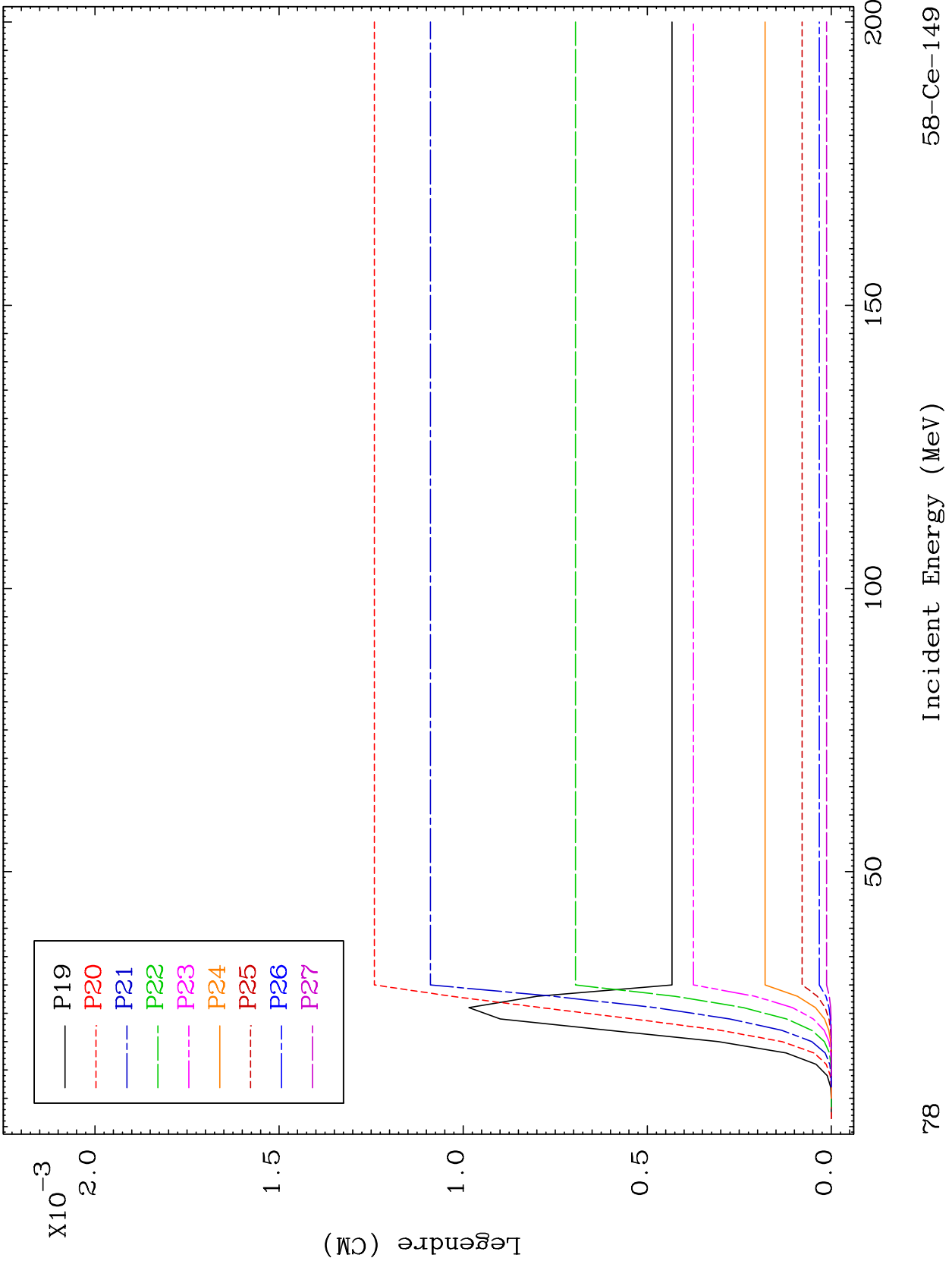
Incident Energy (MeV)

58-Ce-149

MAT 5864

444.1 keV (n,n') Level
Legendre Coefficients

58-Ce-149



78

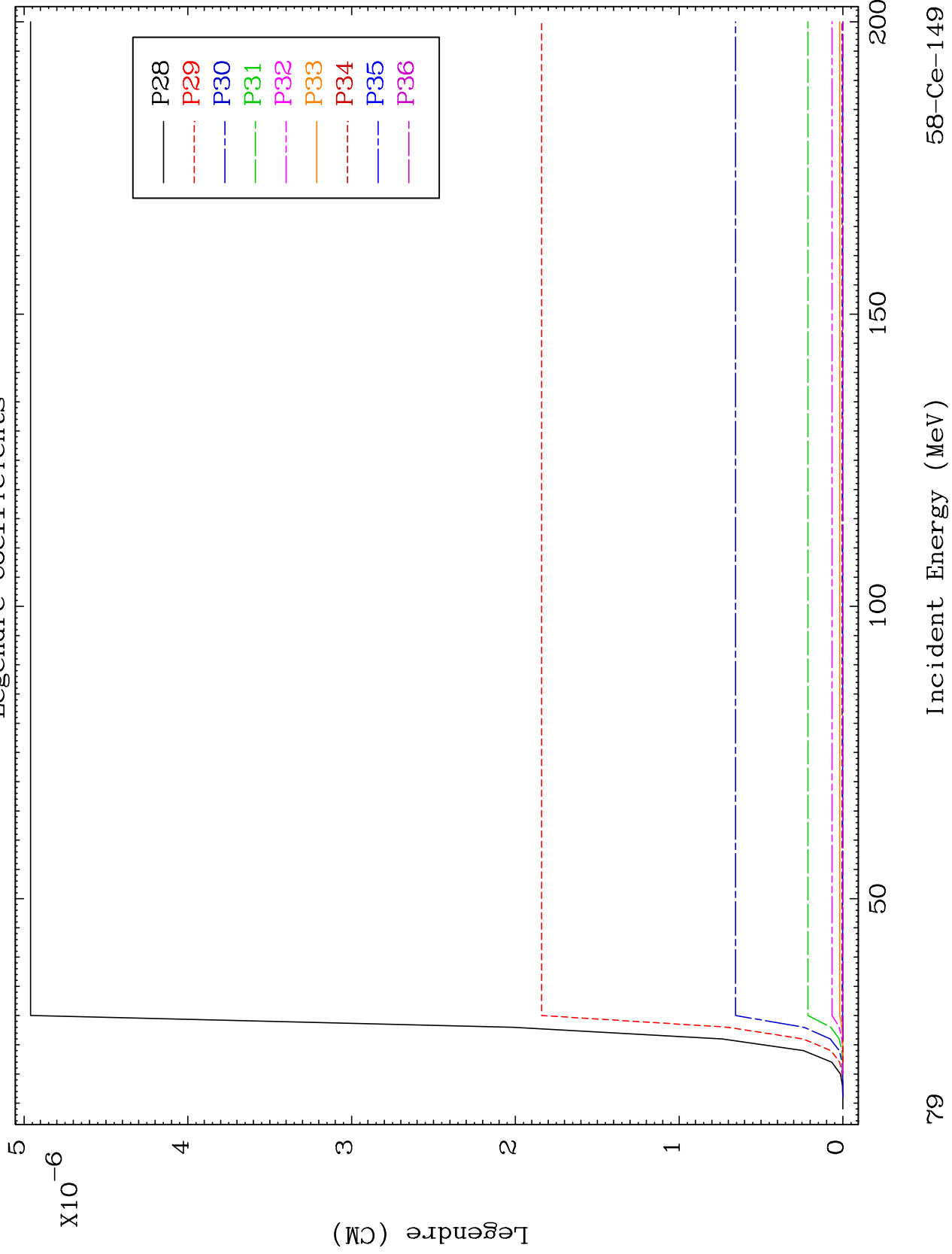
Incident Energy (MeV)

58-Ce-149

MAT 5864

444.1 keV (n,n') Level
Legendre Coefficients

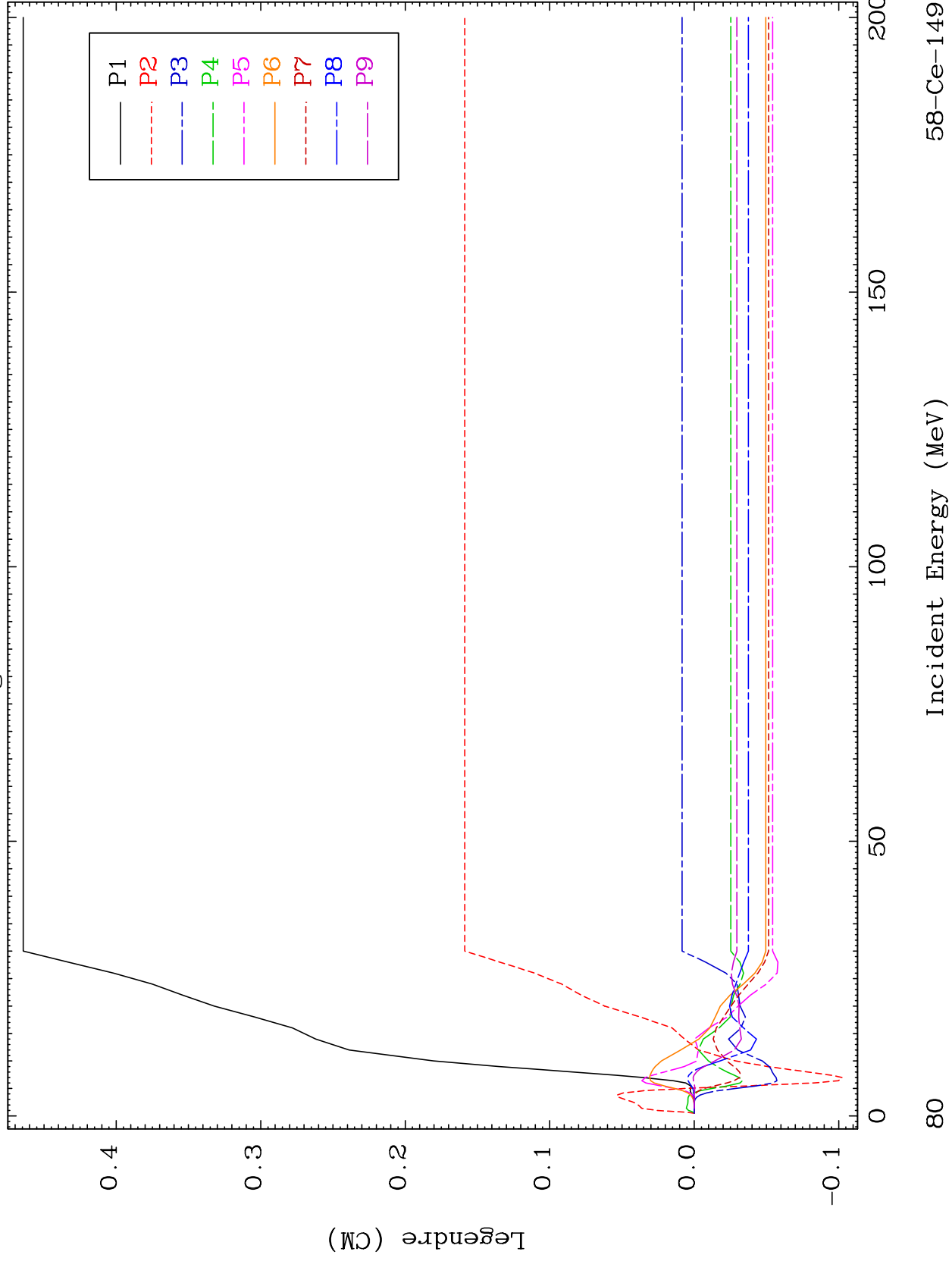
58-Ce-149



MAT 5864

459.8 keV (n,n') Level
Legendre Coefficients

58-Ce-149

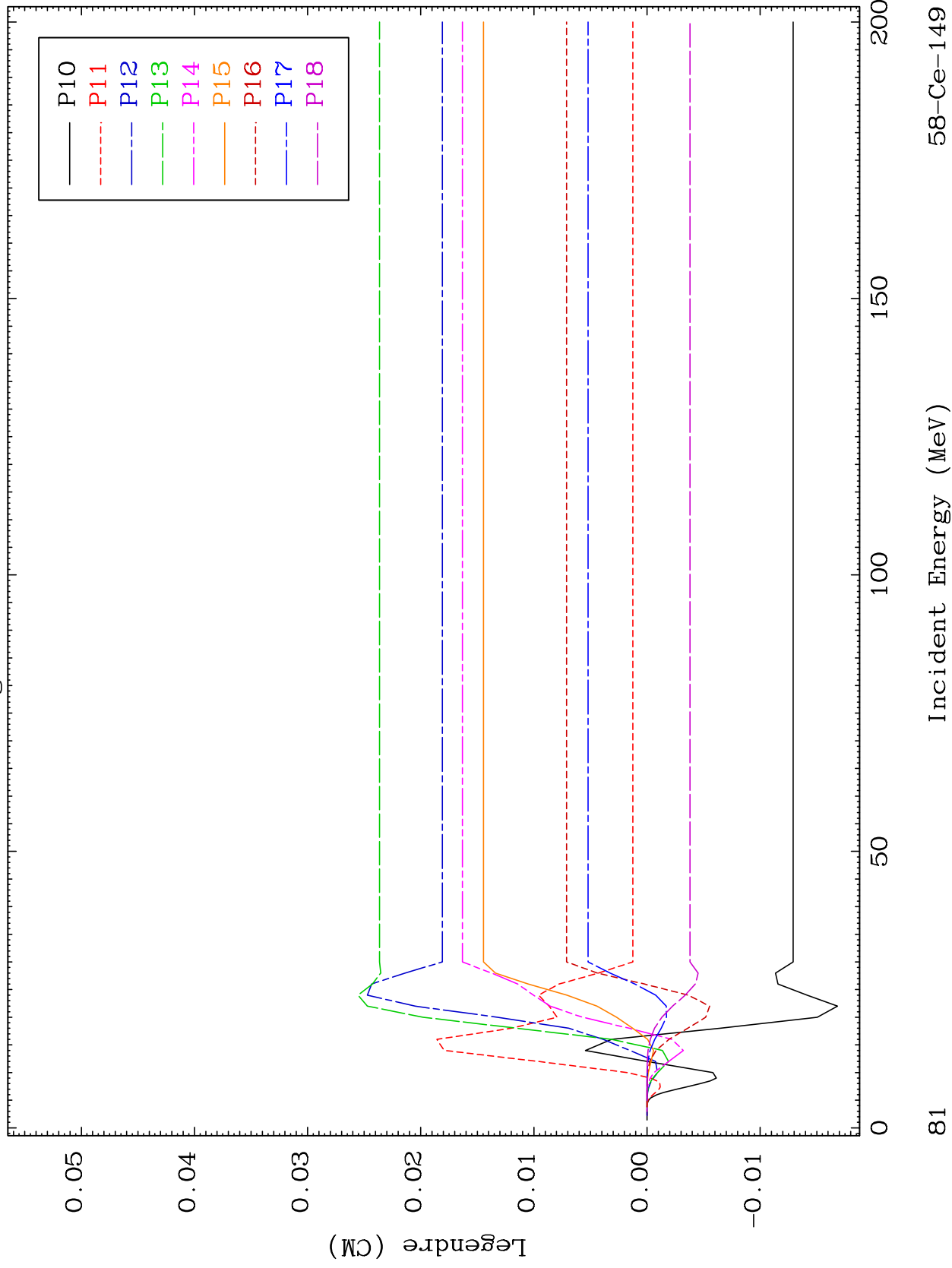


58-Ce-149

MAT 5864

459.8 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

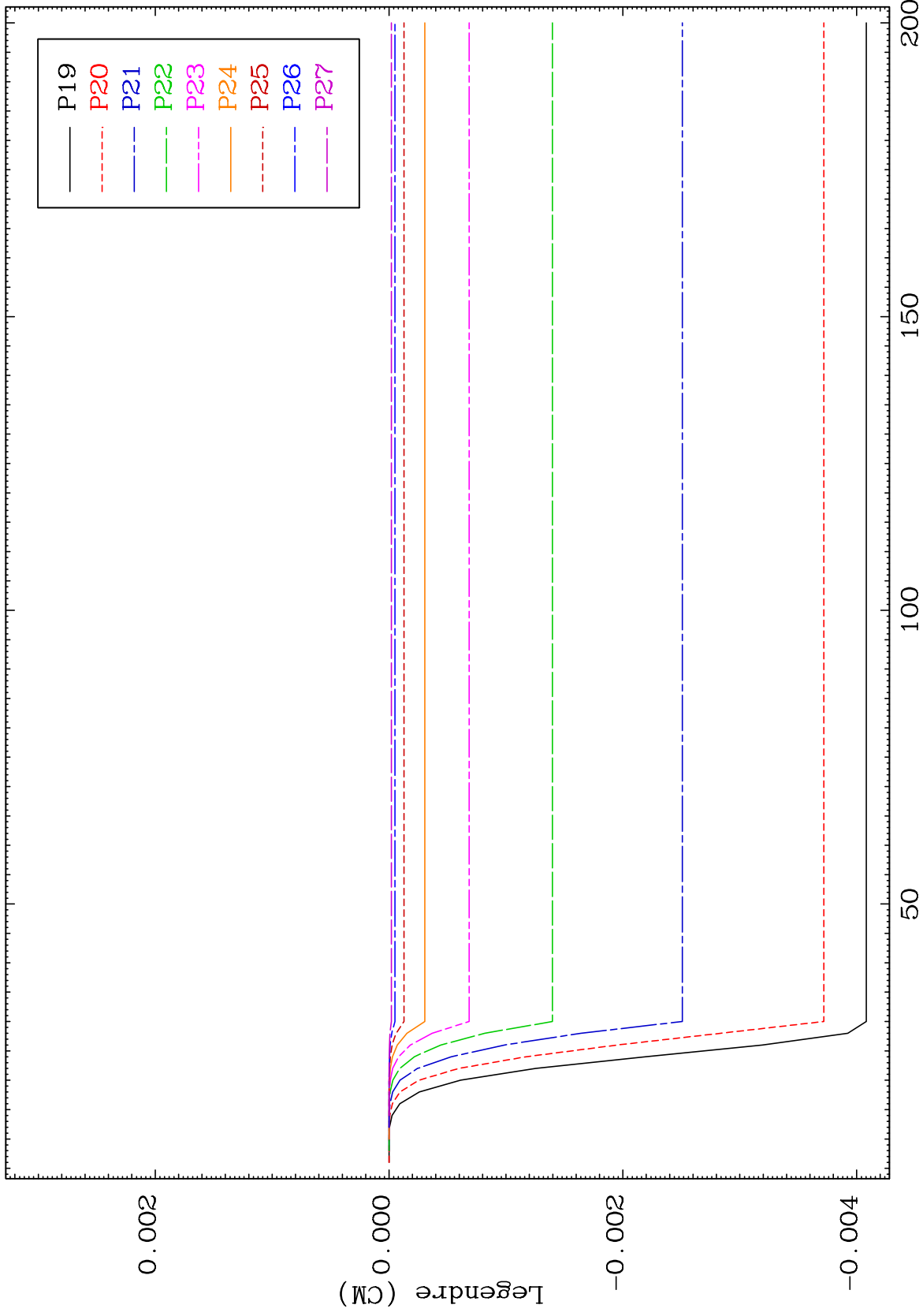
Incident Energy (MeV)

81

MAT 5864

459.8 keV (n,n') Level
Legendre Coefficients

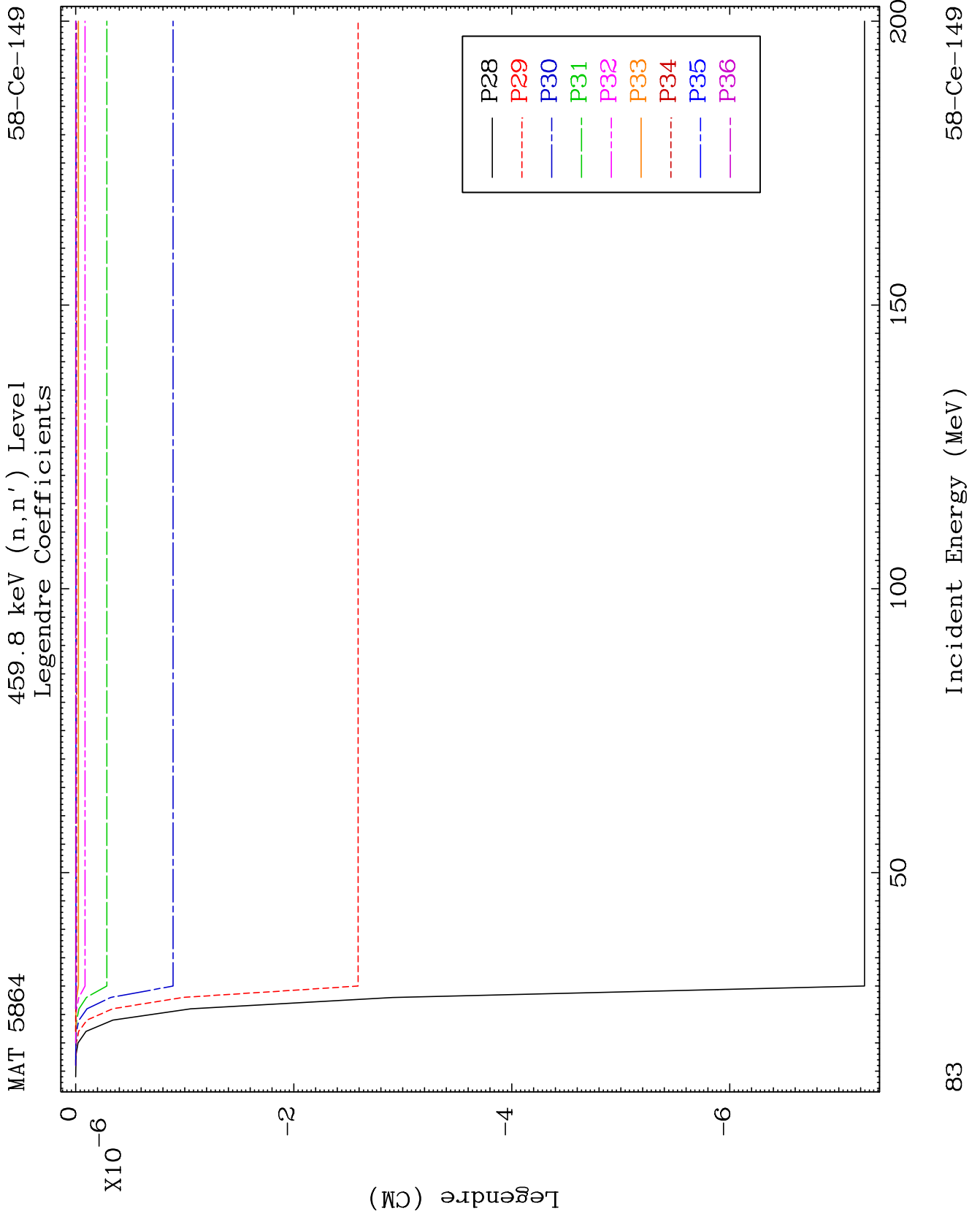
58-Ce-149



82

Incident Energy (MeV)

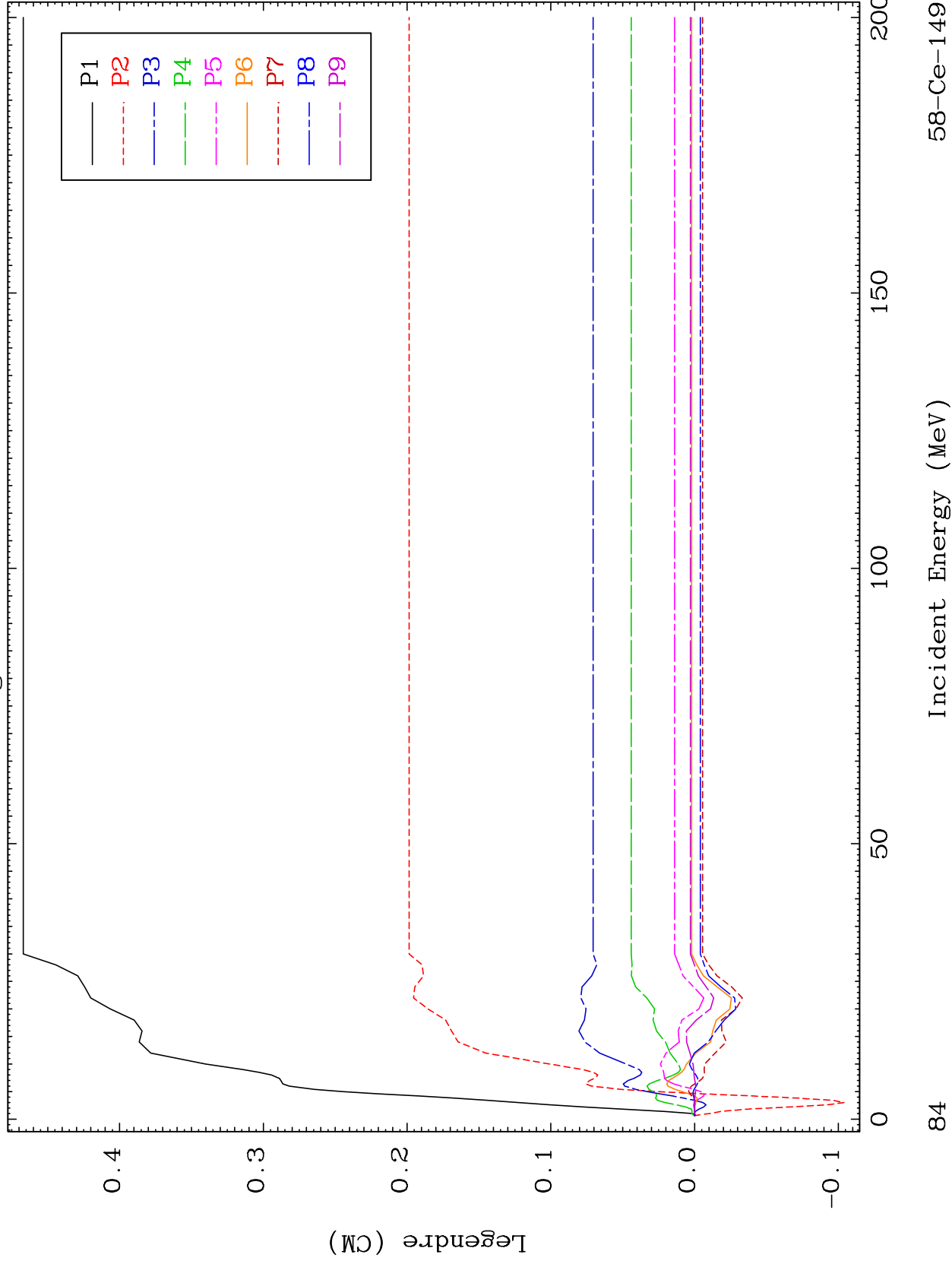
58-Ce-149



MAT 5864

557.4 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

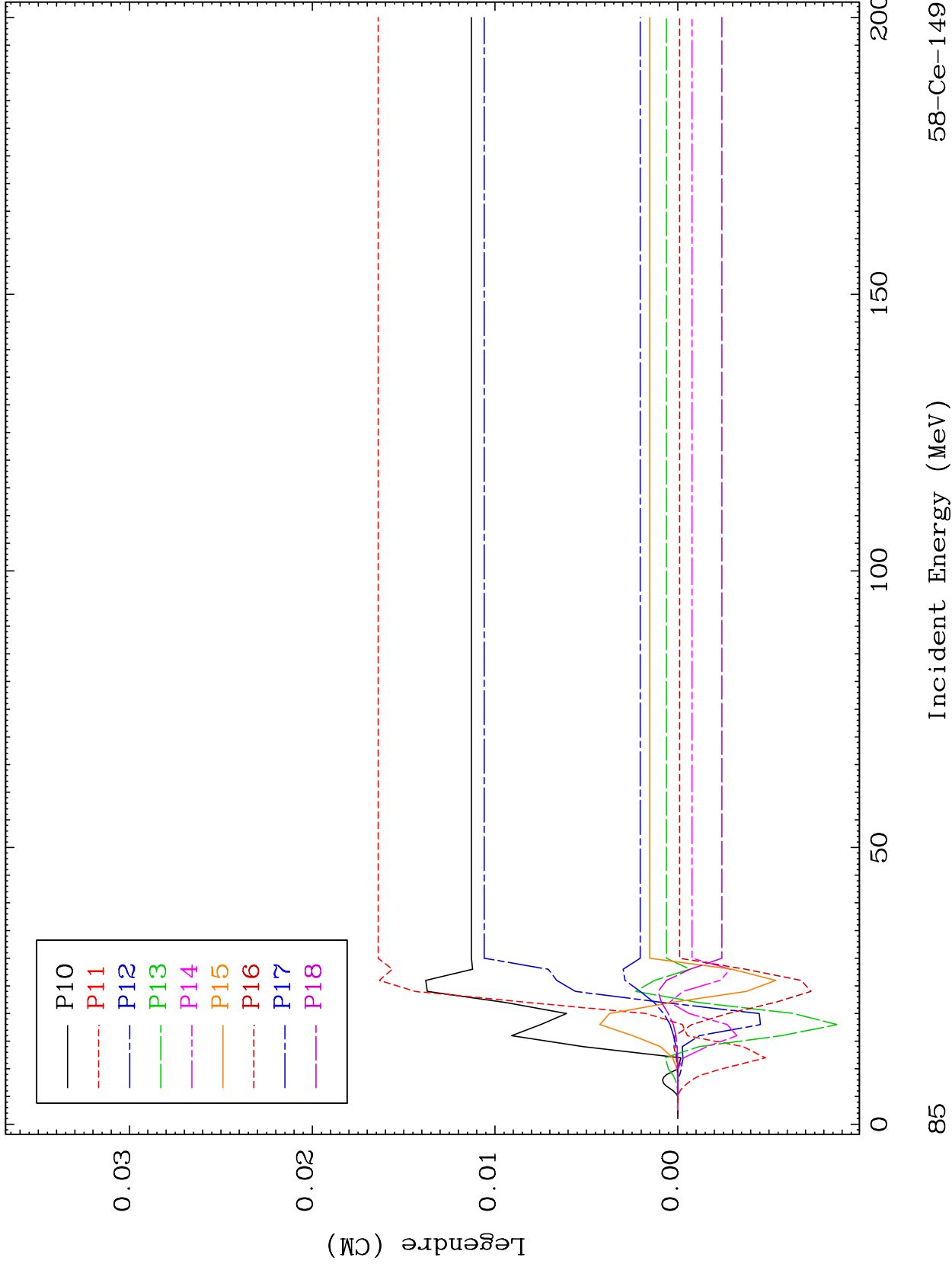
Incident Energy (MeV)

84

MAT 5864

557.4 keV (n,n') Level
Legendre Coefficients

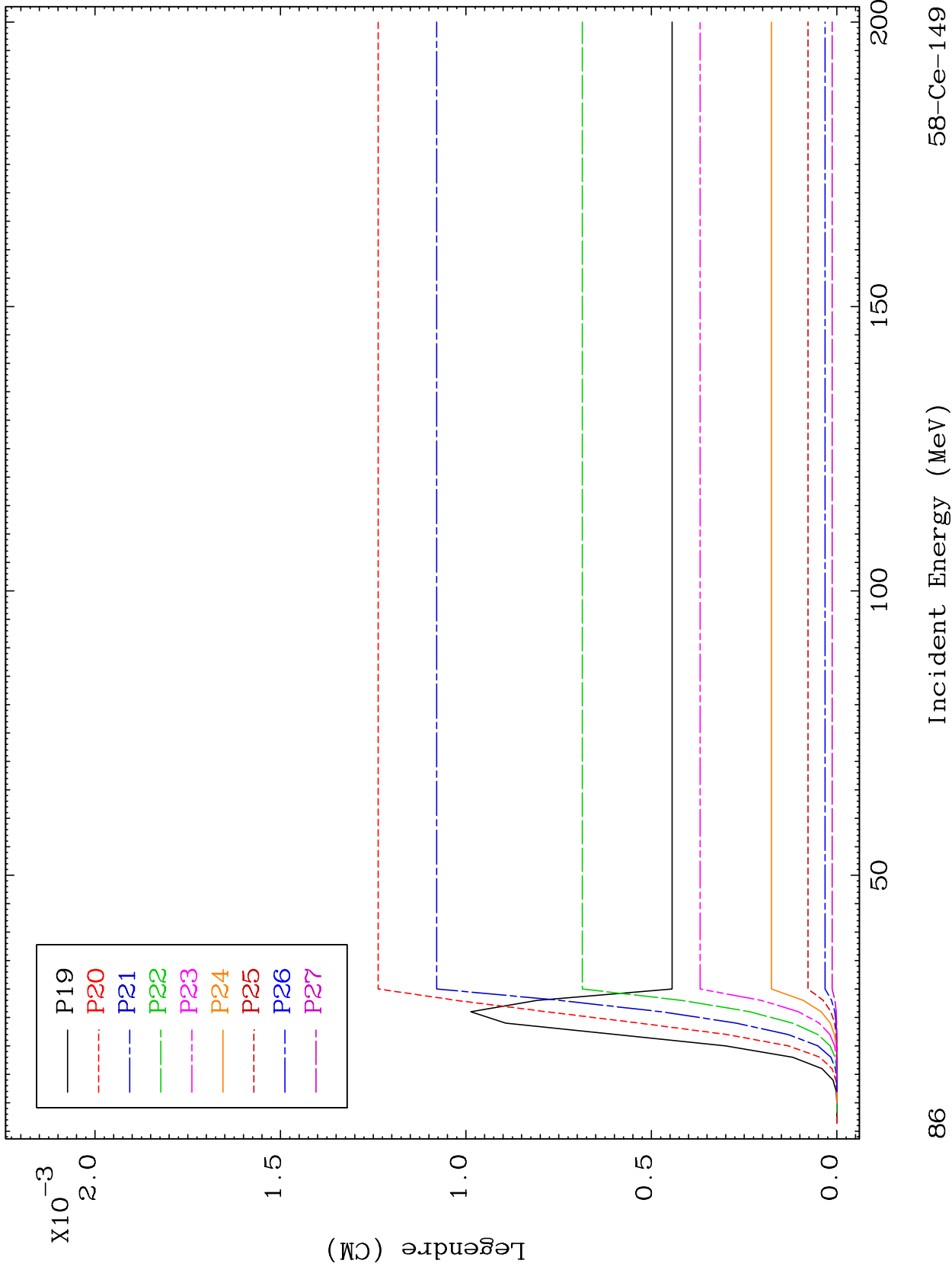
58-Ce-149



58-Ce-149

Incident Energy (MeV)

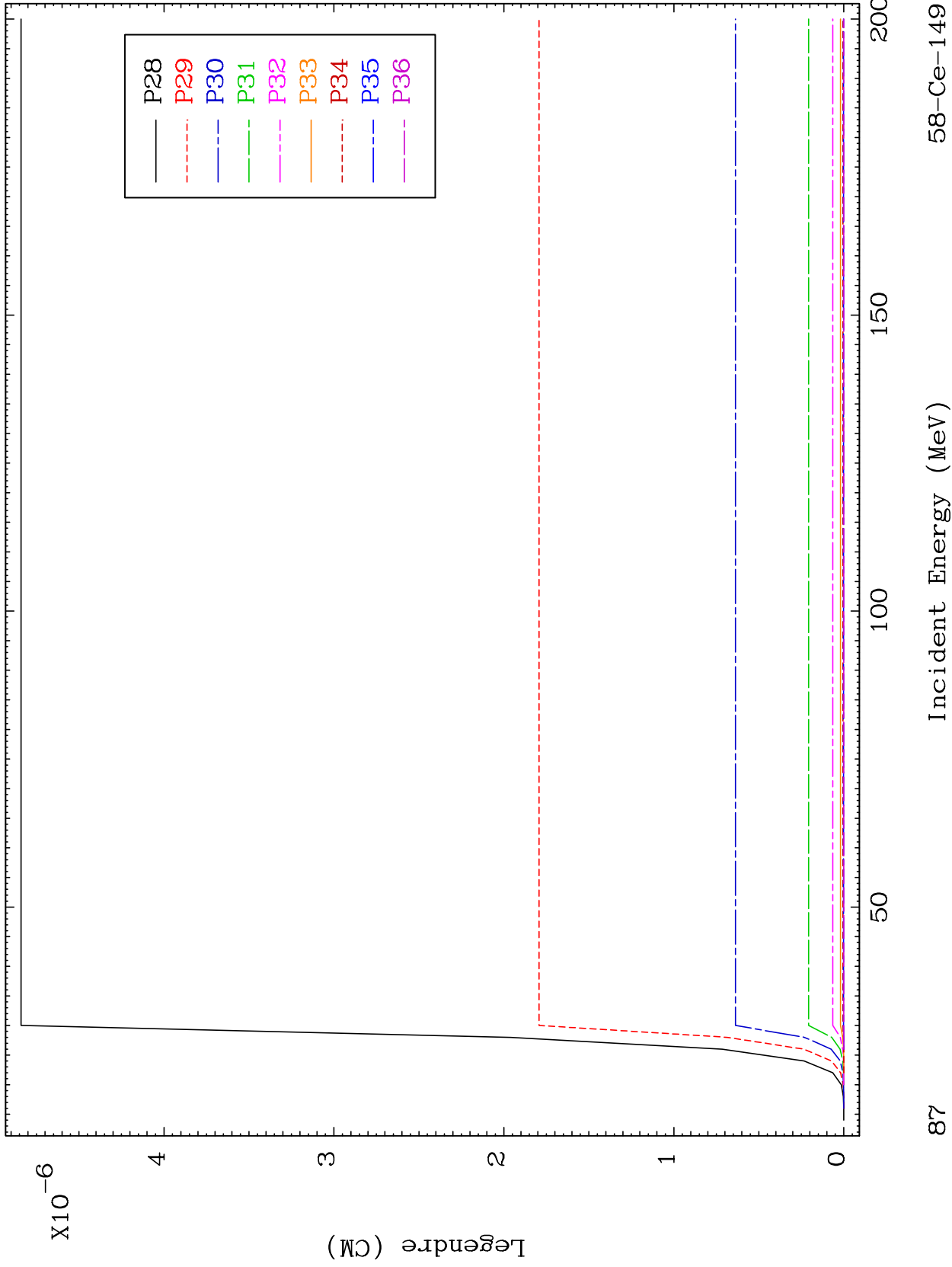
85

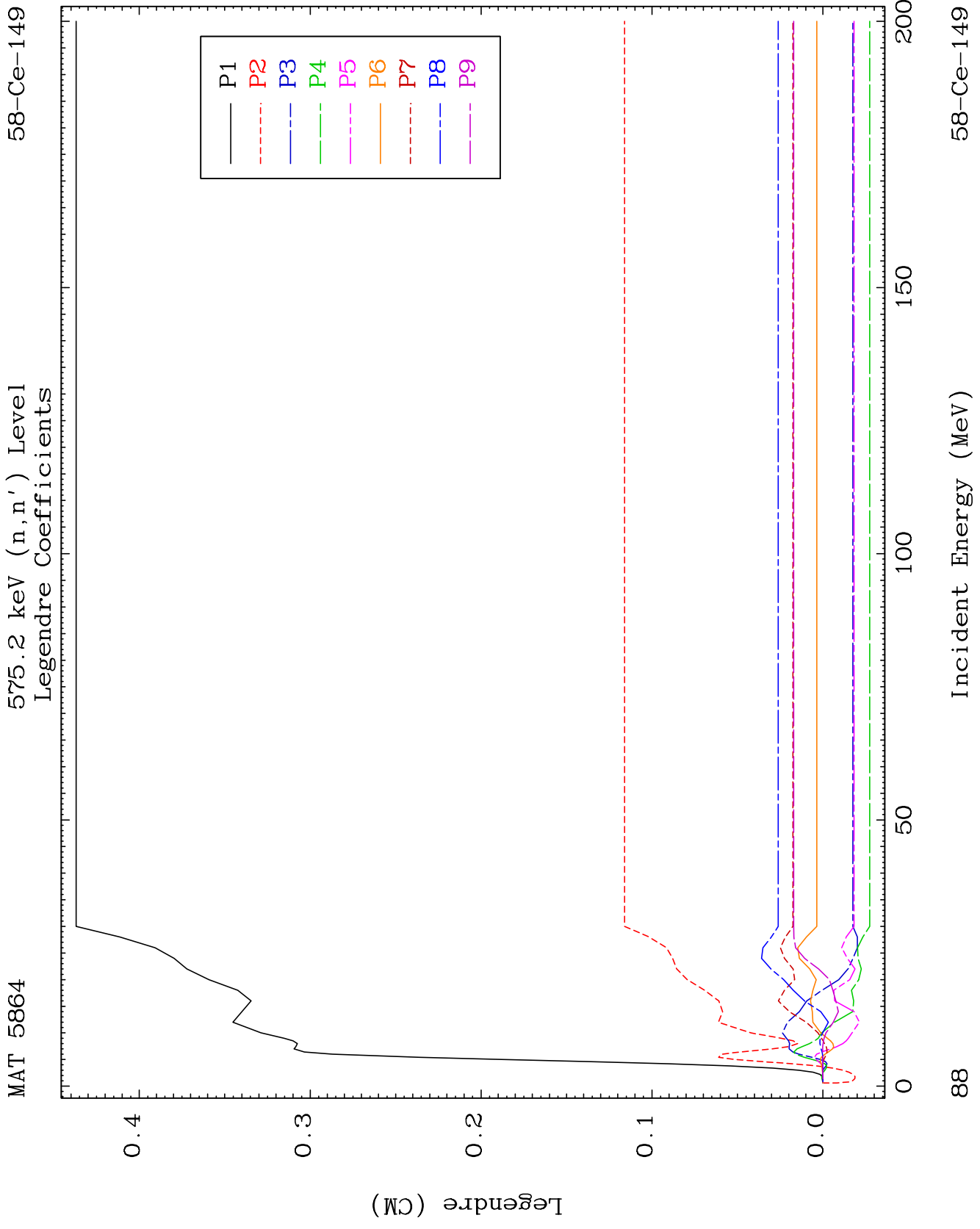


MAT 5864

557.4 keV (n,n') Level
Legendre Coefficients

58-Ce-149

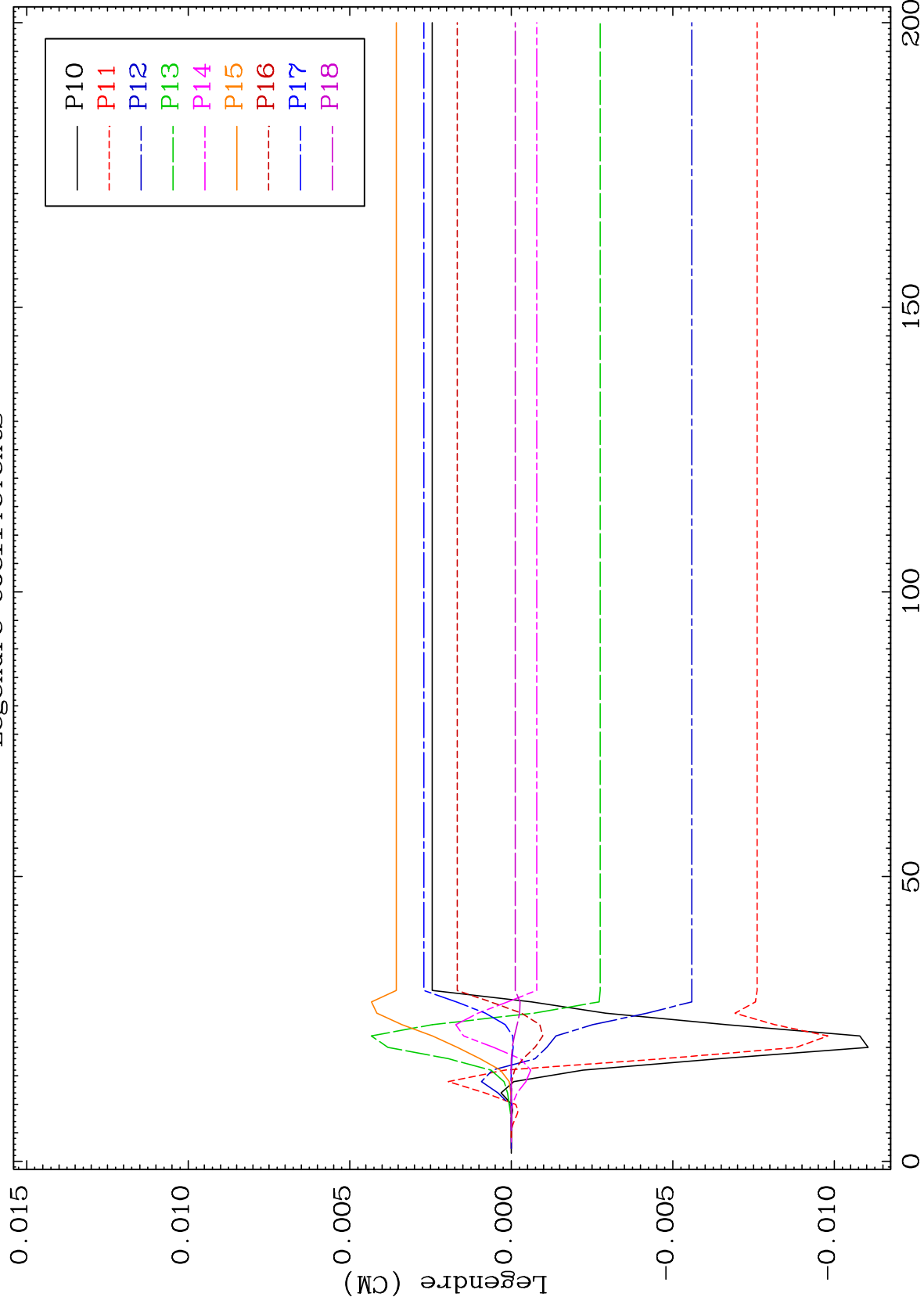




MAT 5864

575.2 keV (n,n') Level
Legendre Coefficients

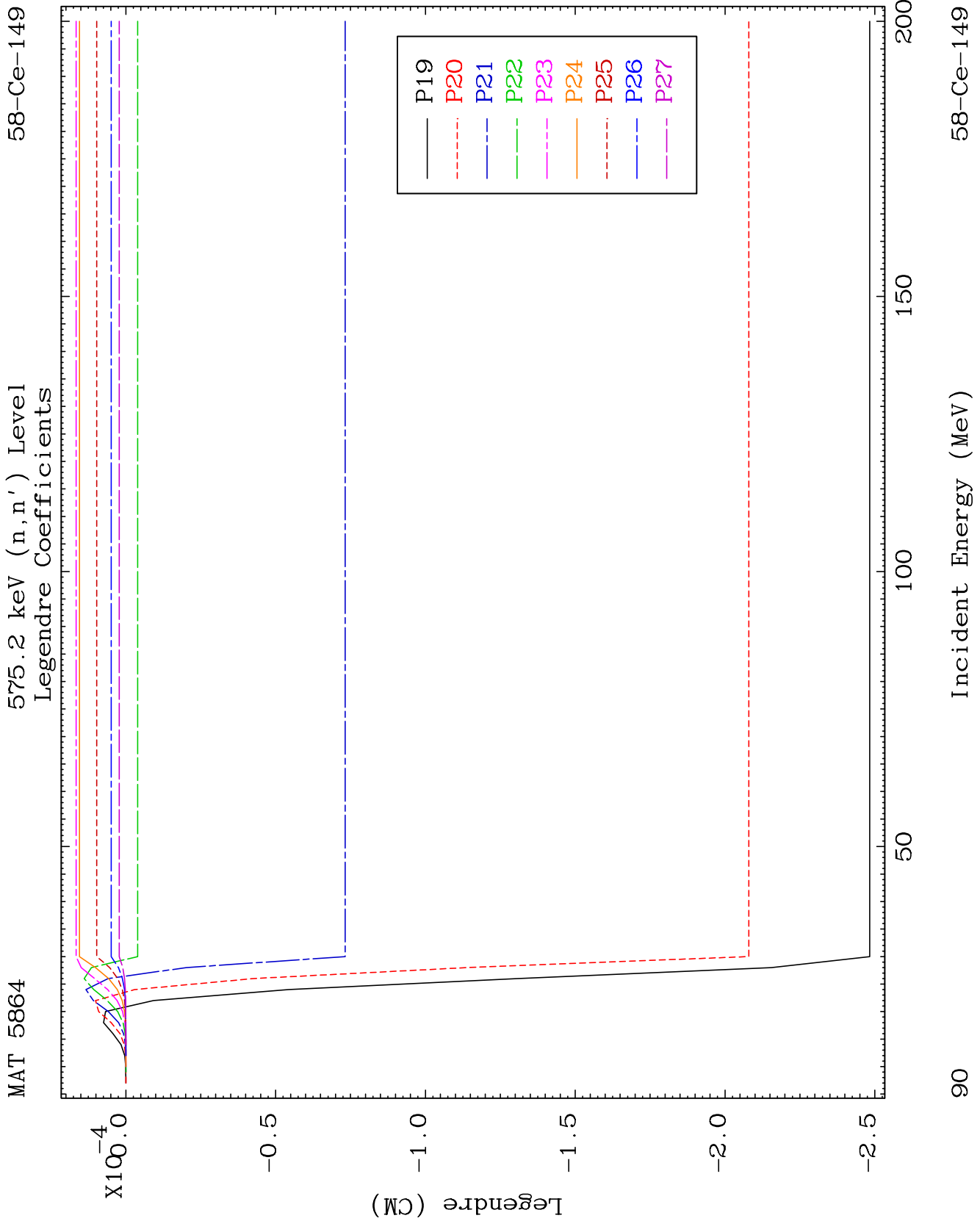
58-Ce-149



89

Incident Energy (MeV)

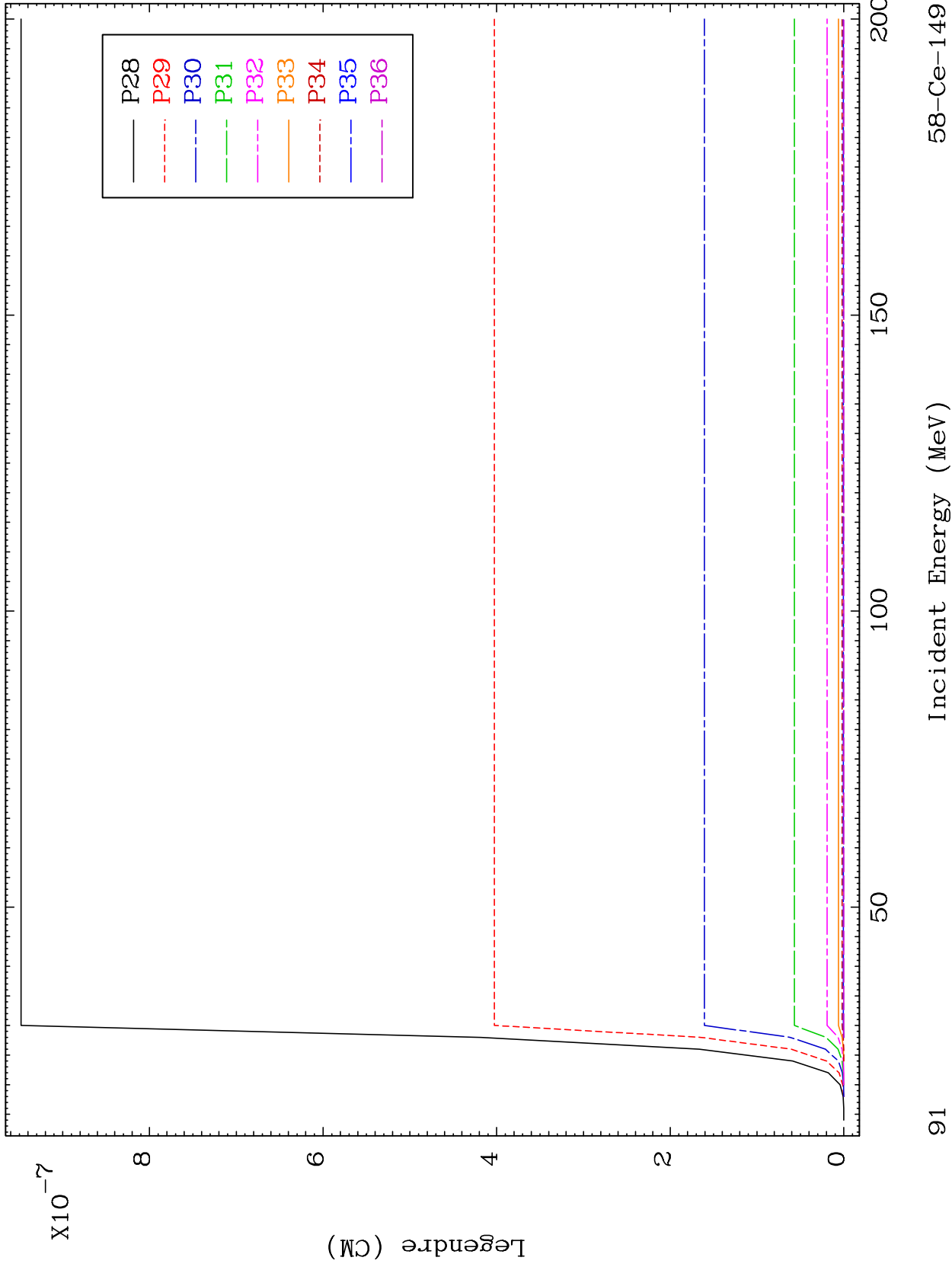
58-Ce-149



MAT 5864

575.2 keV (n,n') Level
Legendre Coefficients

58-Ce-149

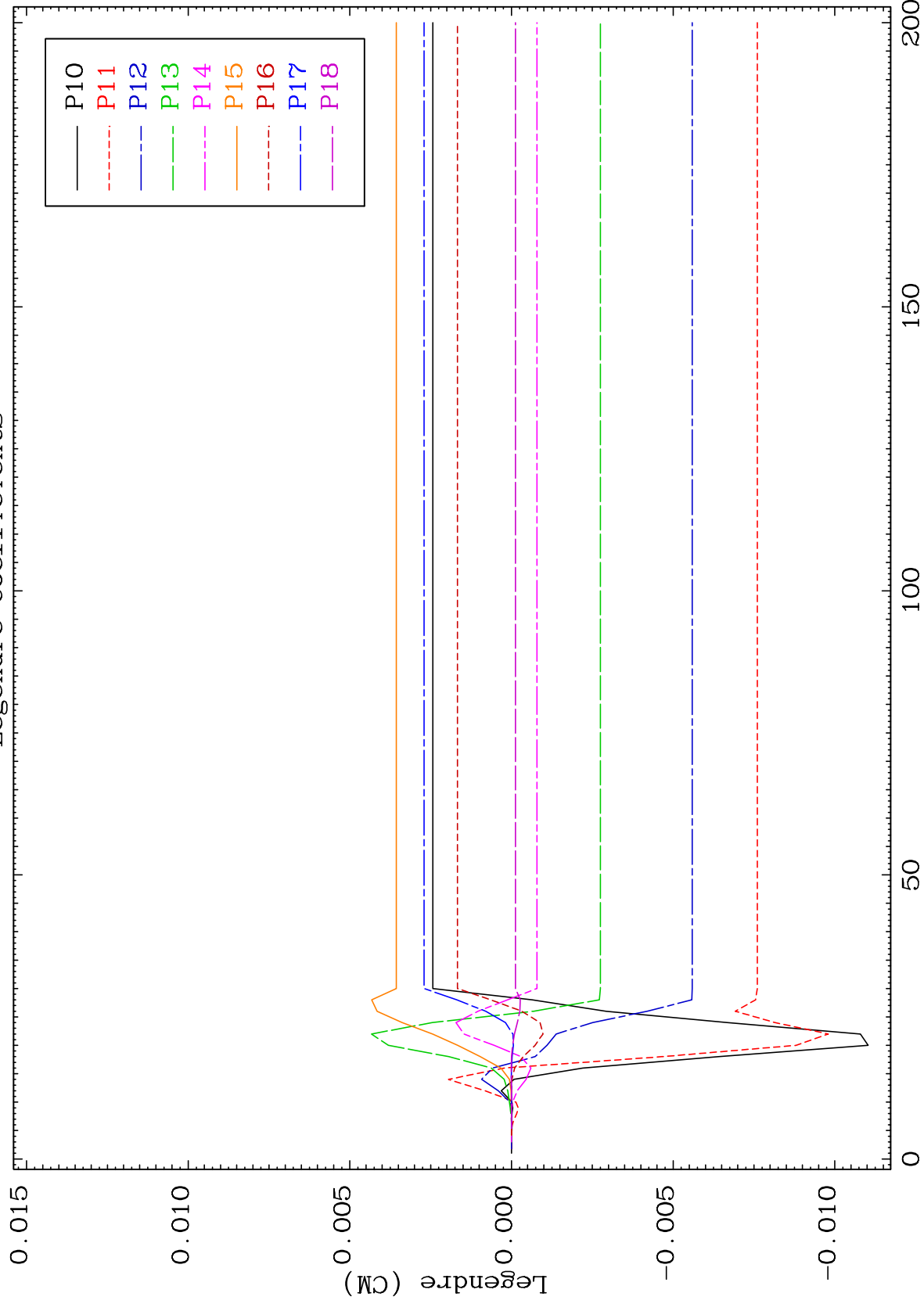


91

MAT 5864

588.5 keV (n,n') Level
Legendre Coefficients

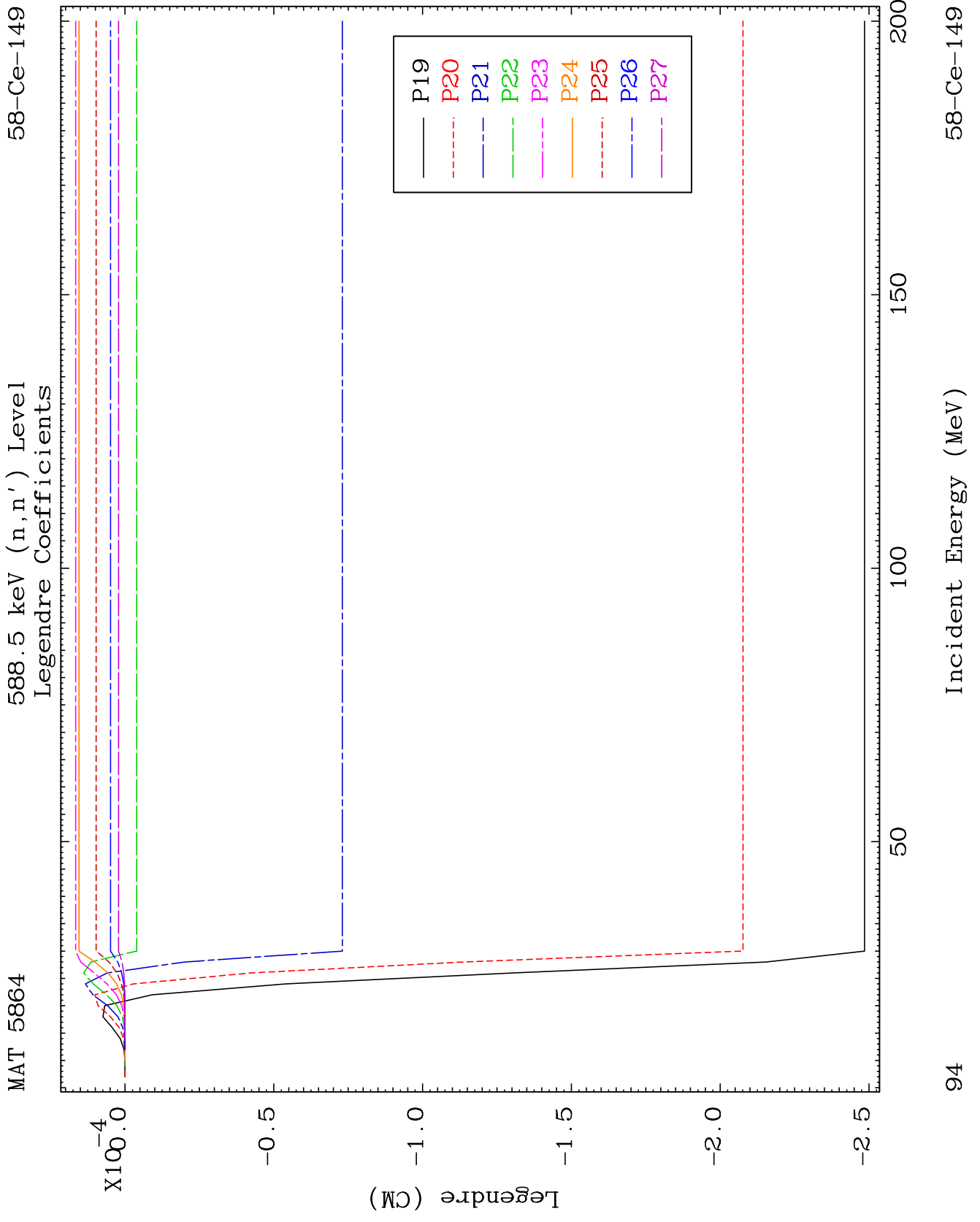
58-Ce-149



93

Incident Energy (MeV)

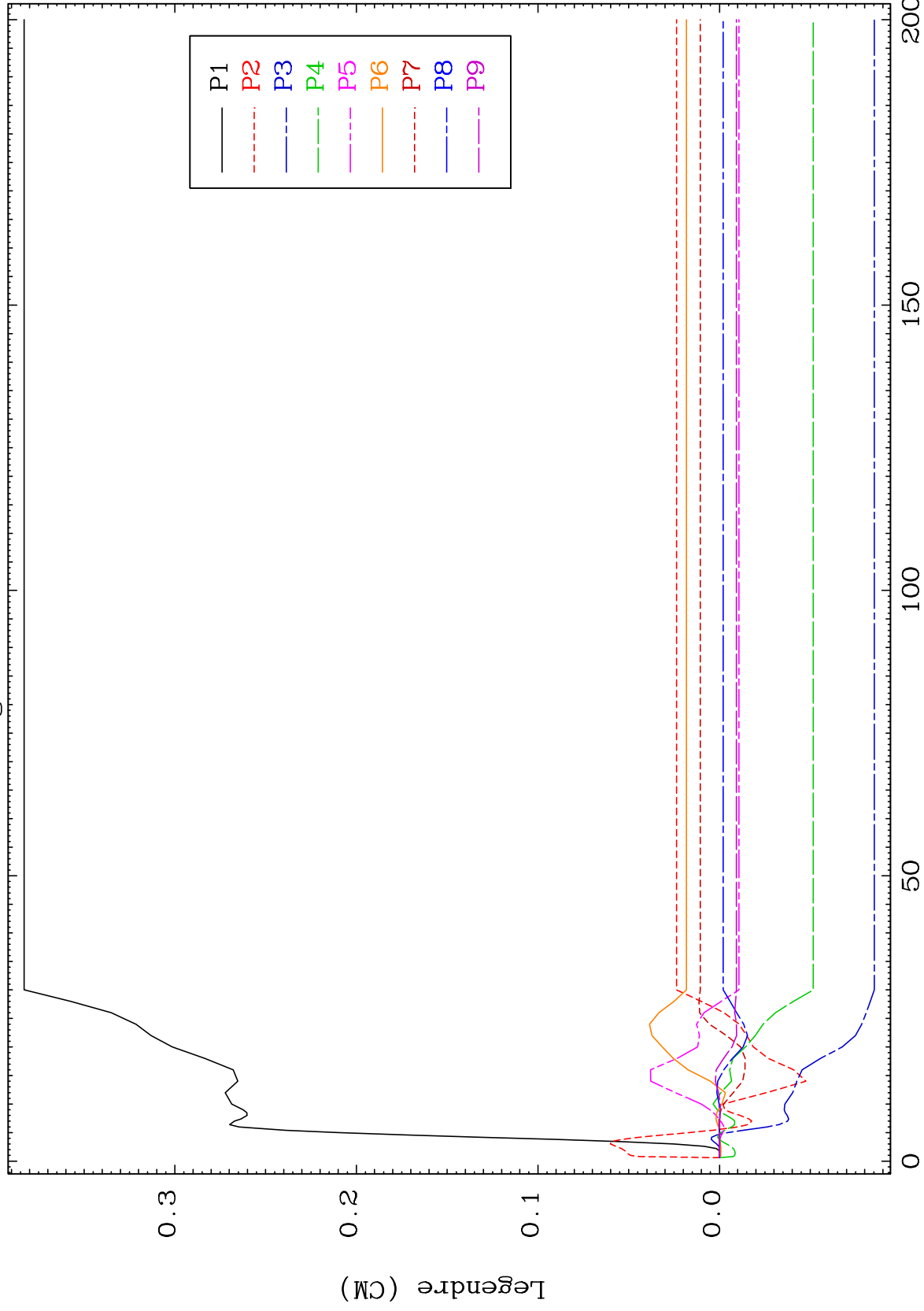
58-Ce-149



MAT 5864

596.9 keV (n,n') Level
Legendre Coefficients

58-Ce-149



96

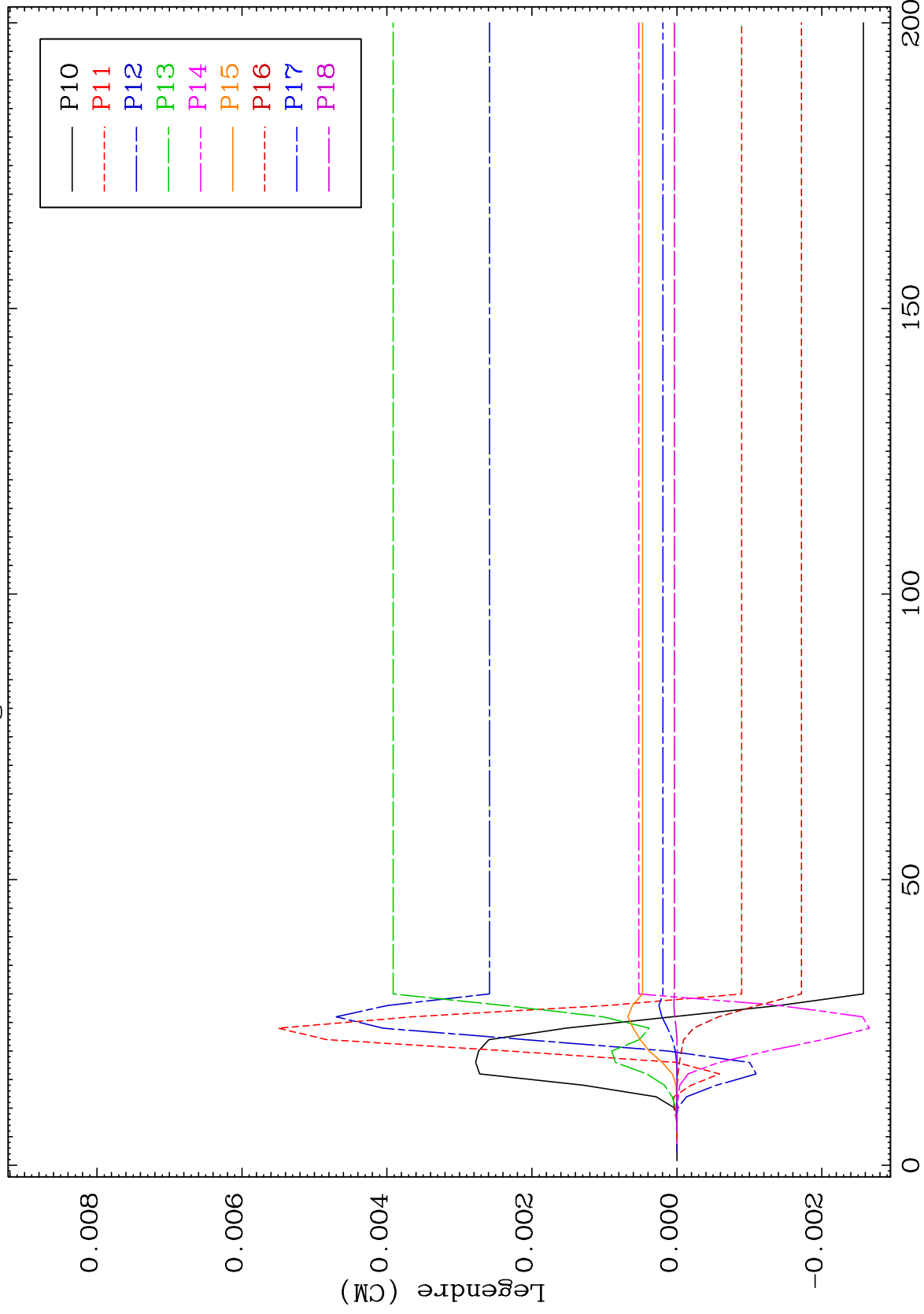
Incident Energy (MeV)

58-Ce-149

MAT 5864

596.9 keV (n,n') Level
Legendre Coefficients

58-Ce-149



97

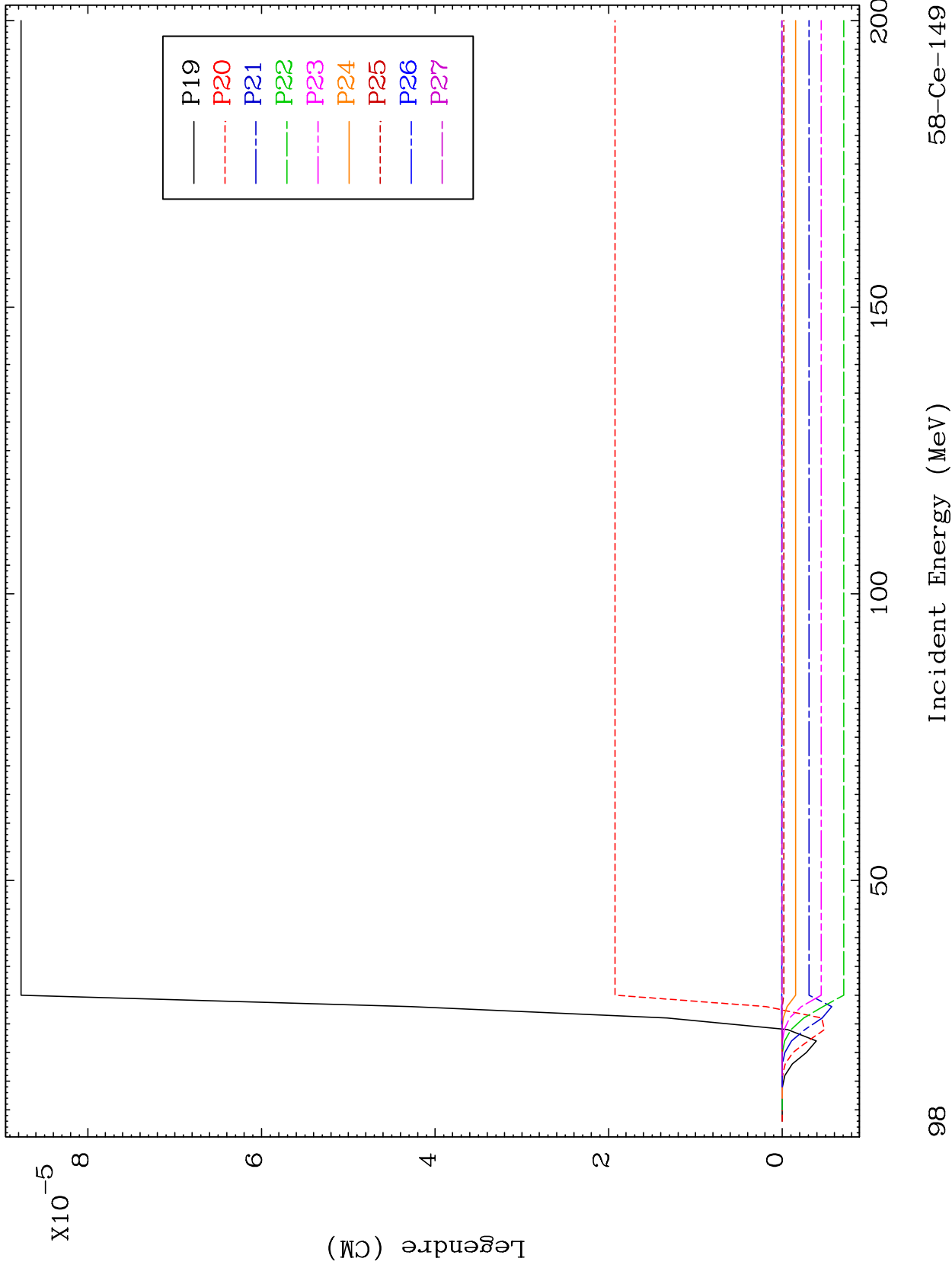
Incident Energy (MeV)

58-Ce-149

MAT 5864

596.9 keV (n,n') Level
Legendre Coefficients

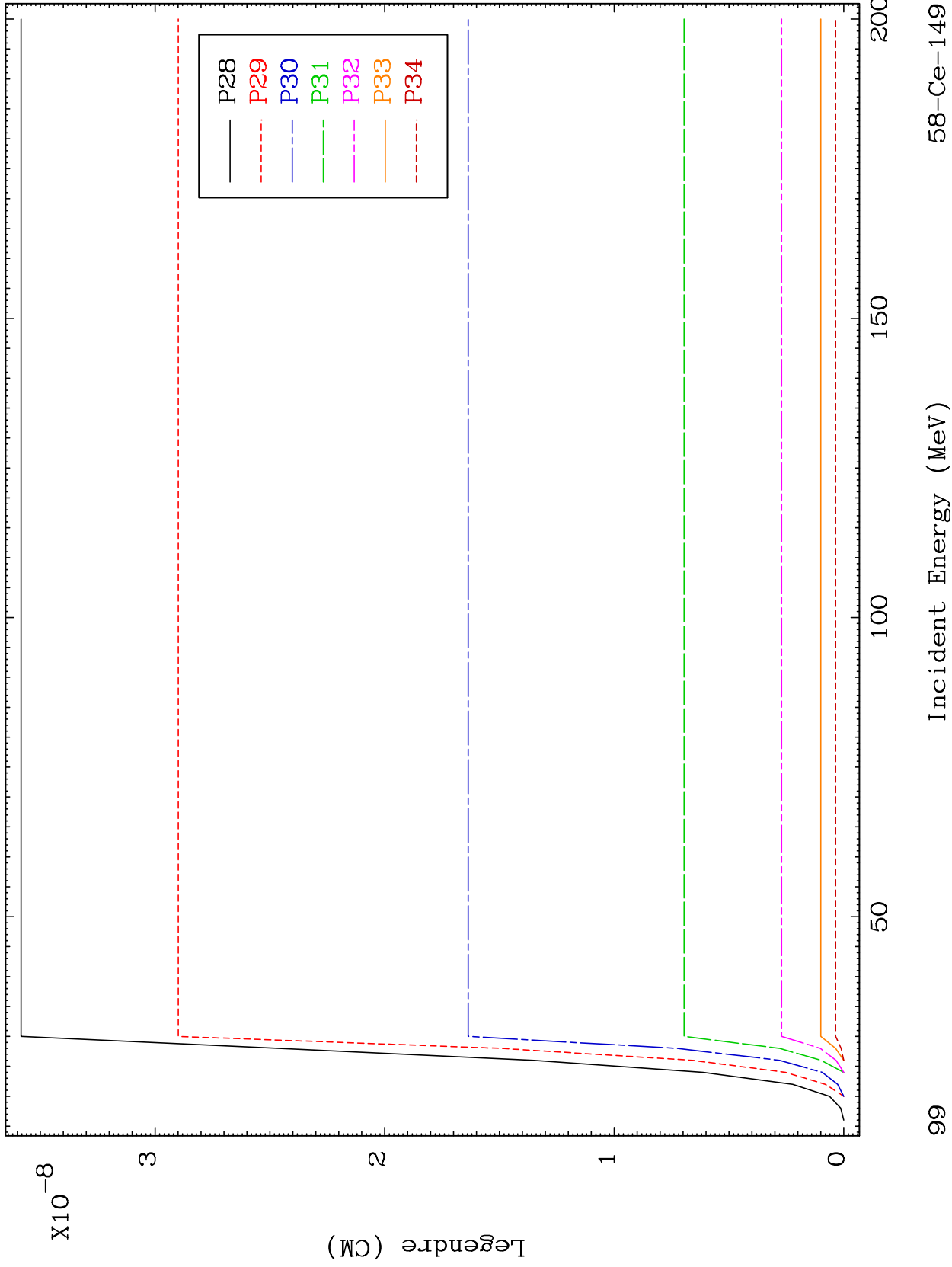
58-Ce-149



MAT 5864

596.9 keV (n,n') Level
Legendre Coefficients

58-Ce-149

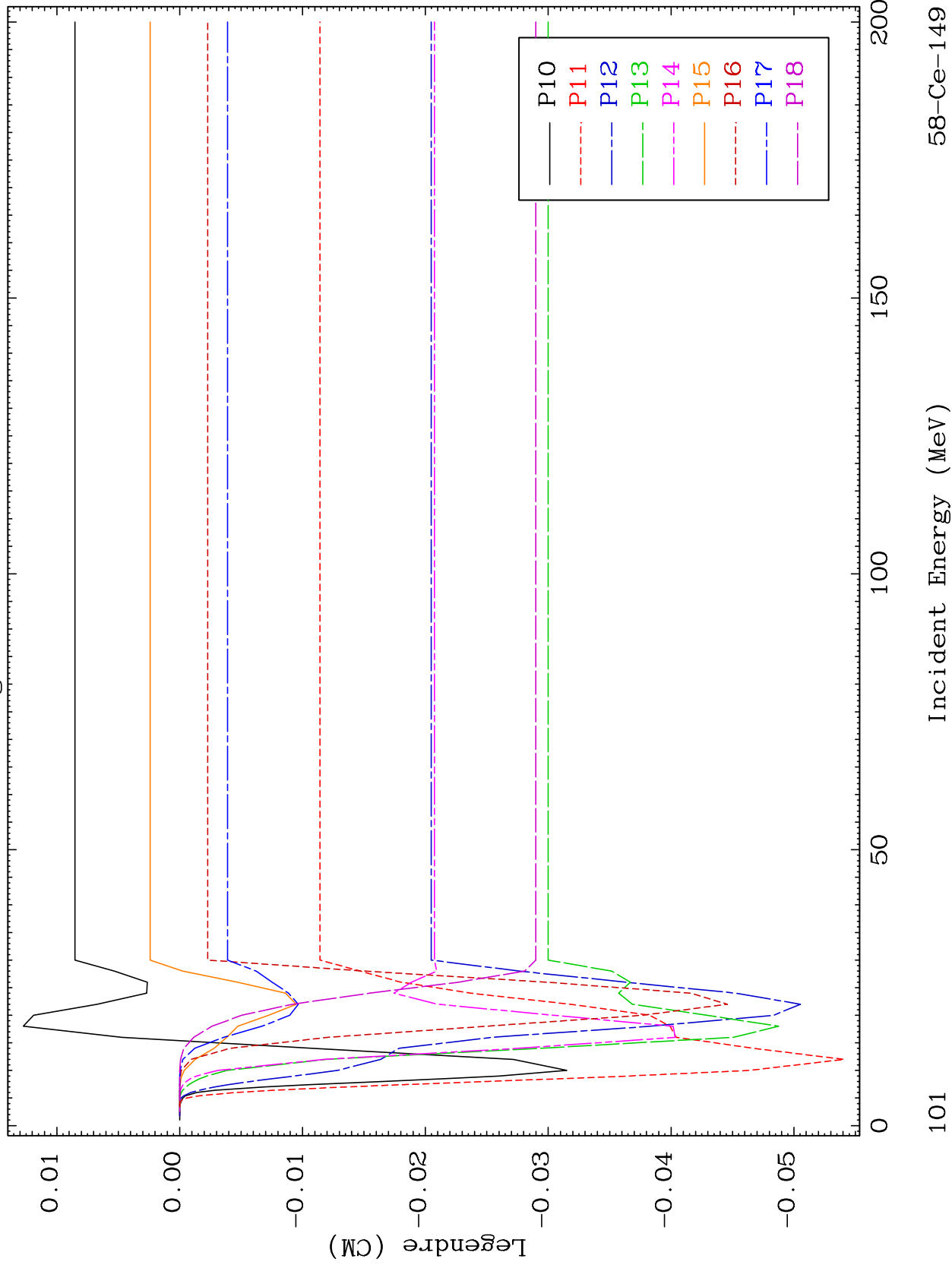


99

MAT 5864

605.1 keV (n,n') Level
Legendre Coefficients

58-Ce-149

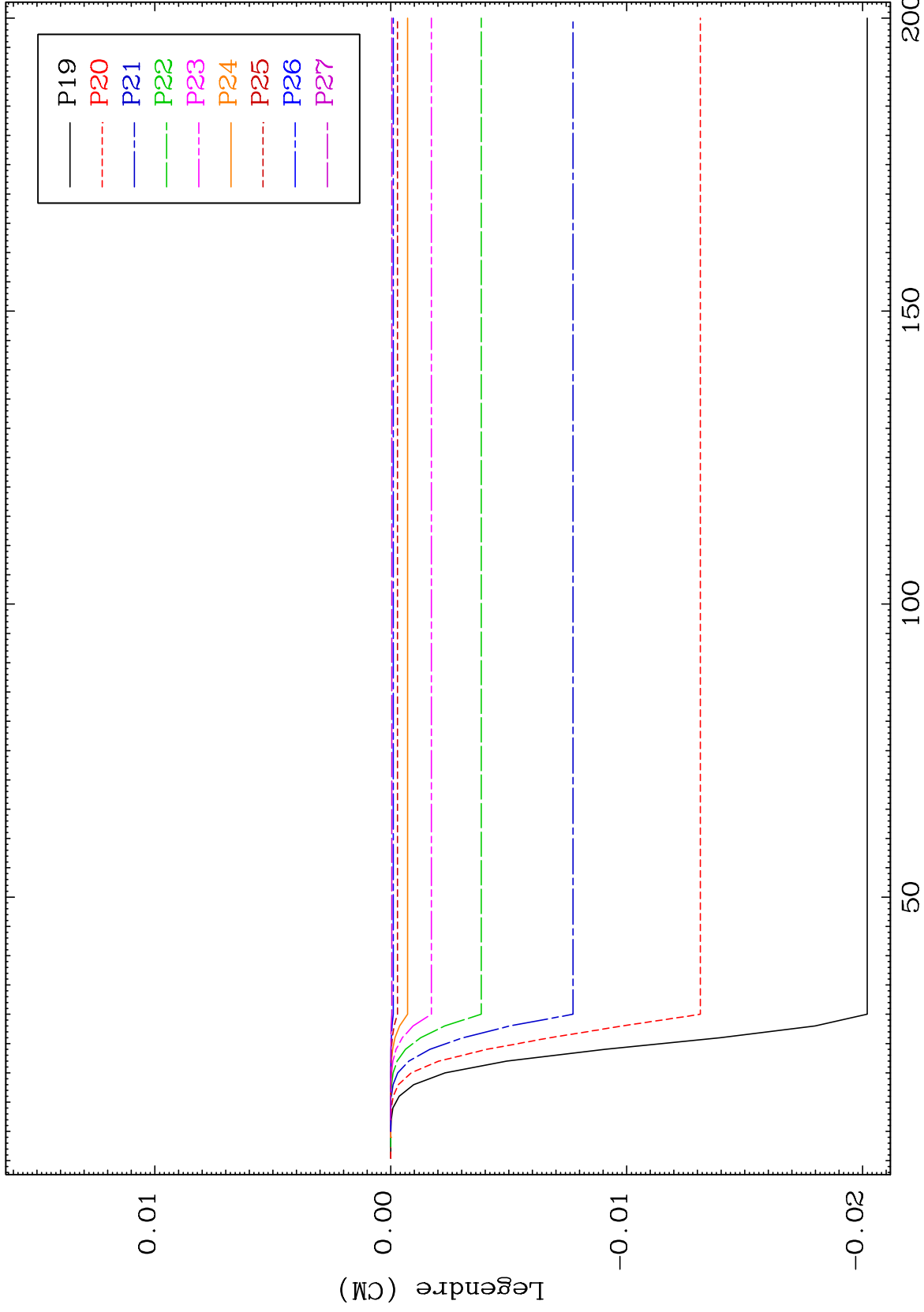


58-Ce-149

MAT 5864

605.1 keV (n,n') Level
Legendre Coefficients

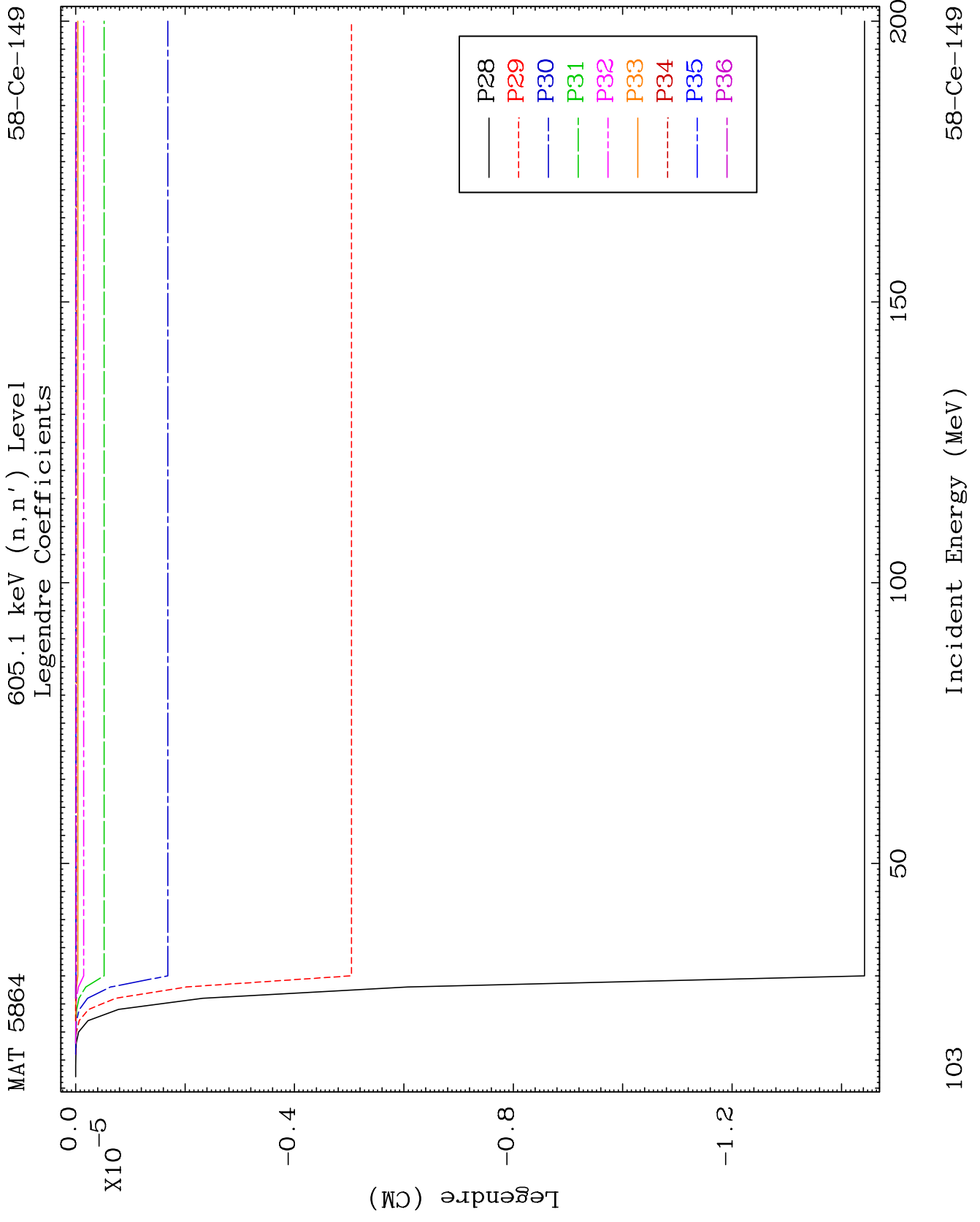
58-Ce-149

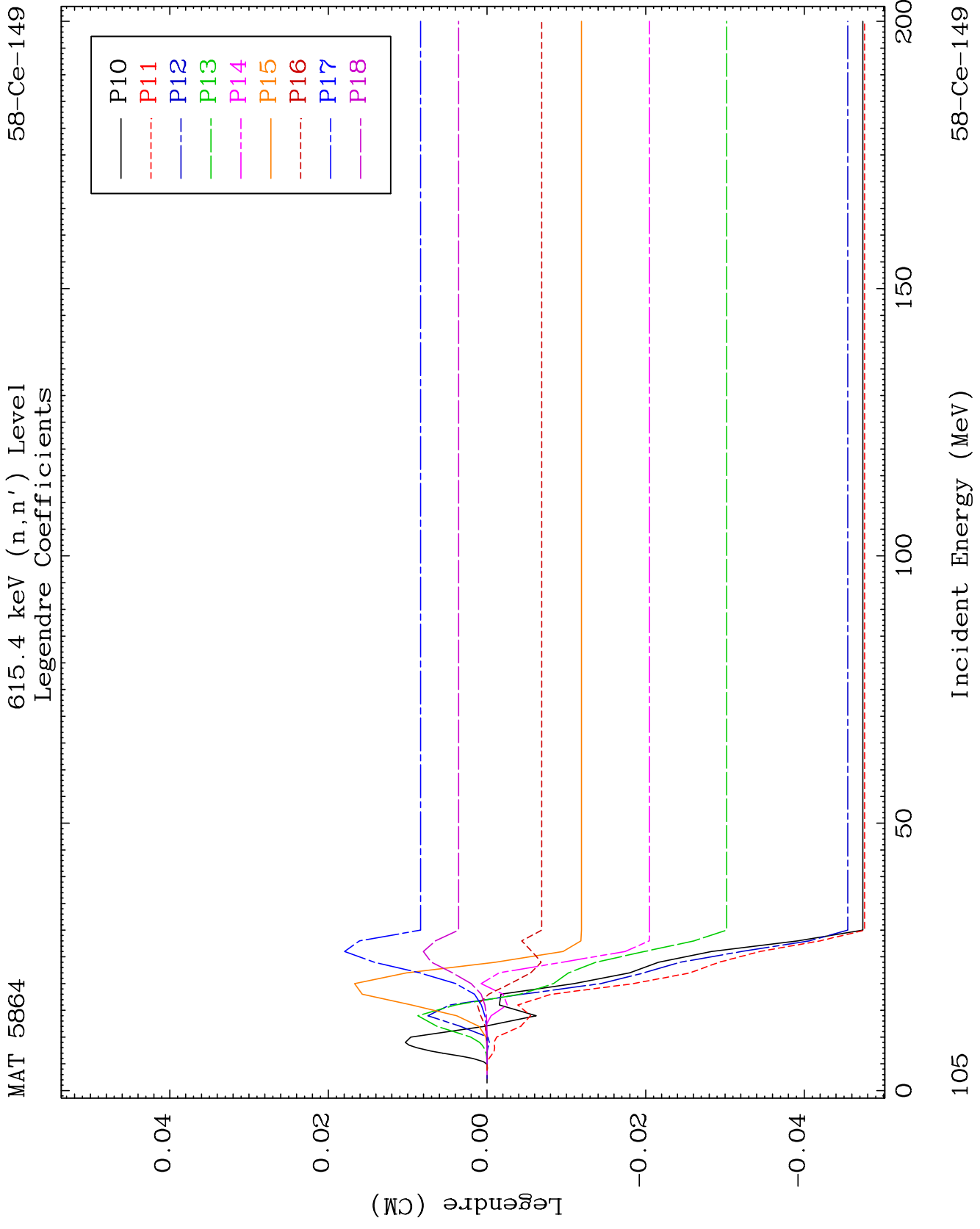


102

Incident Energy (MeV)

58-Ce-149

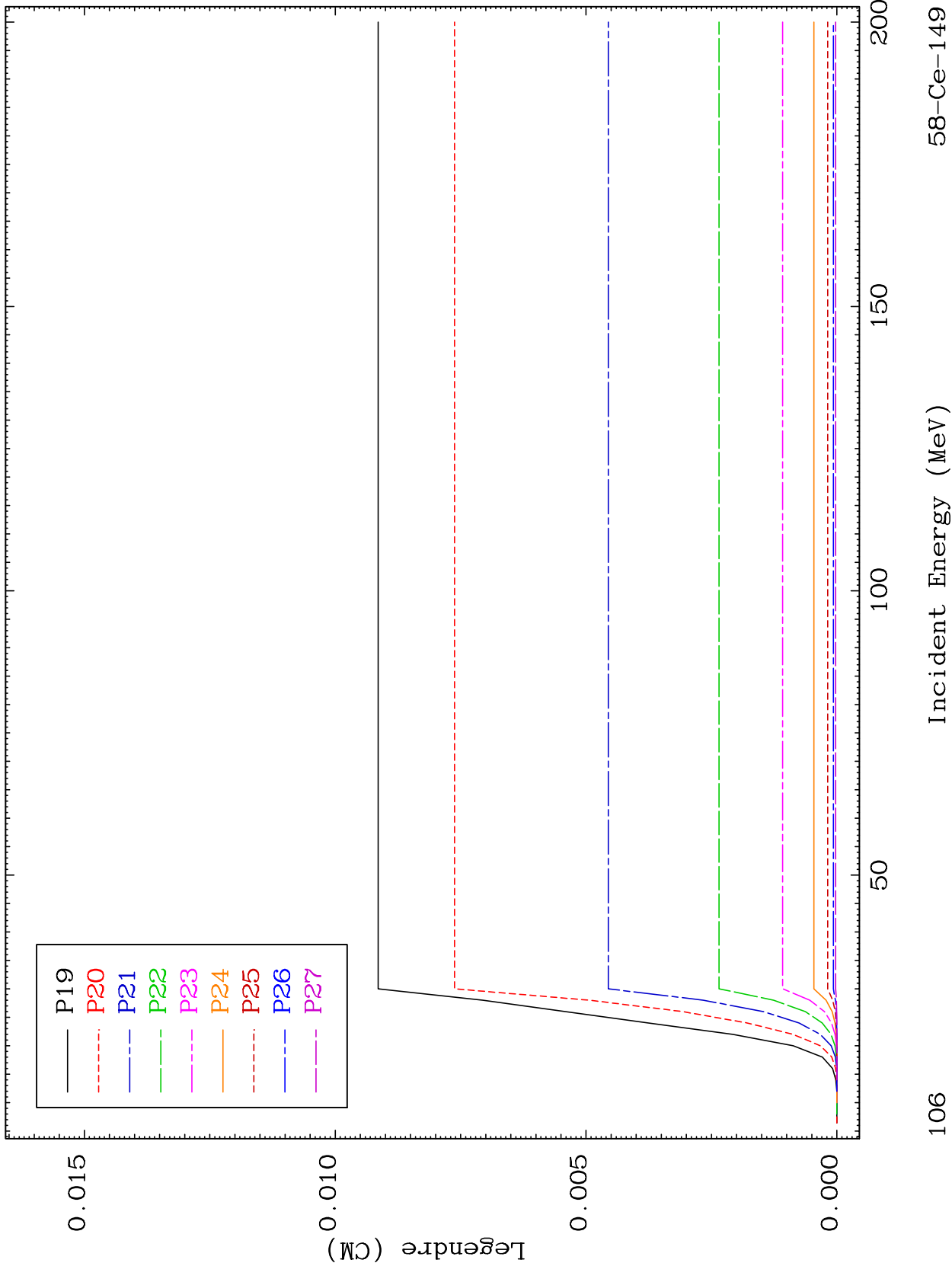




MAT 5864

615.4 keV (n,n') Level
Legendre Coefficients

58-Ce-149



106

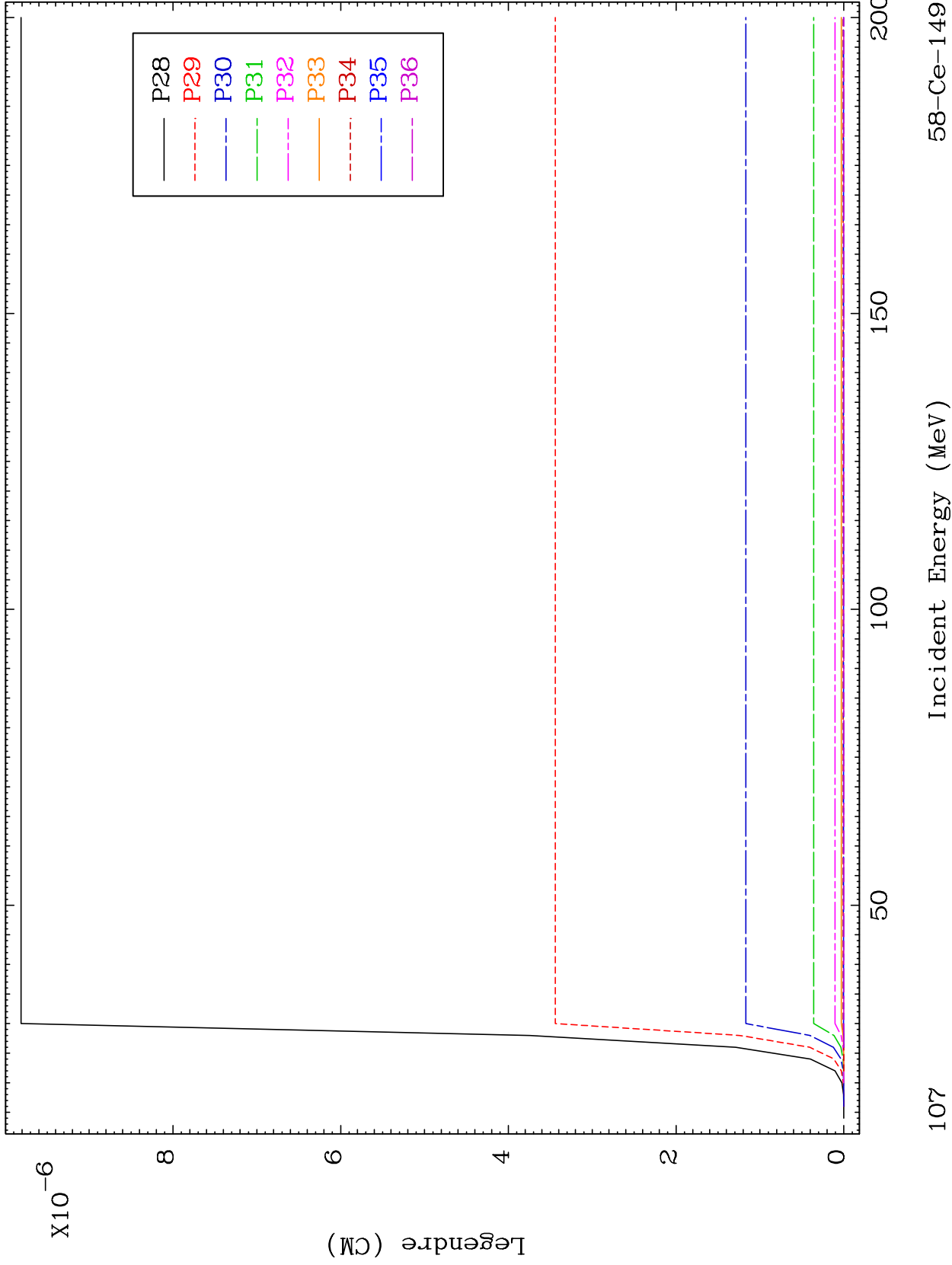
Incident Energy (MeV)

58-Ce-149

MAT 5864

615.4 keV (n,n') Level
Legendre Coefficients

58-Ce-149

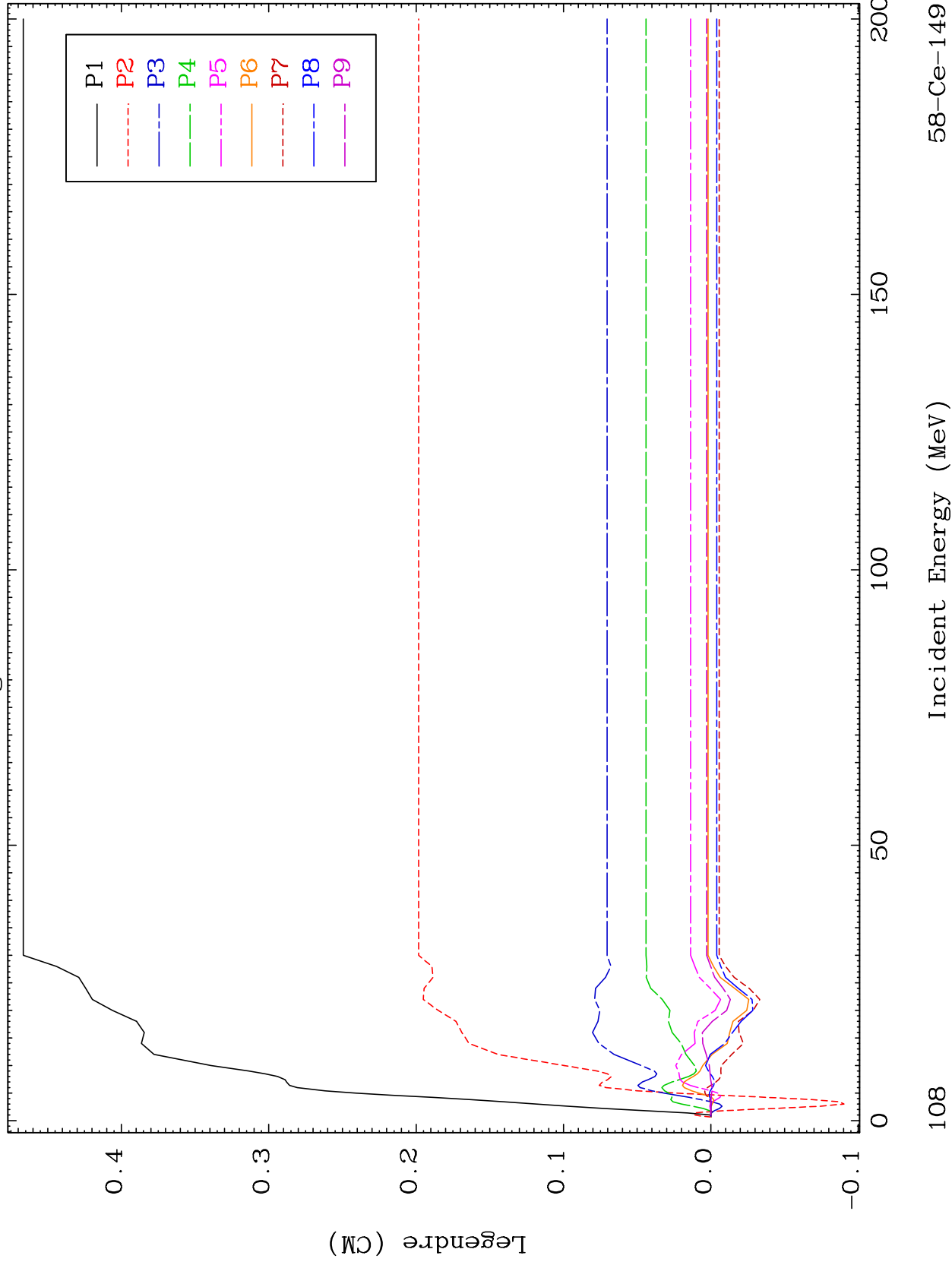


107

MAT 5864

630.6 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

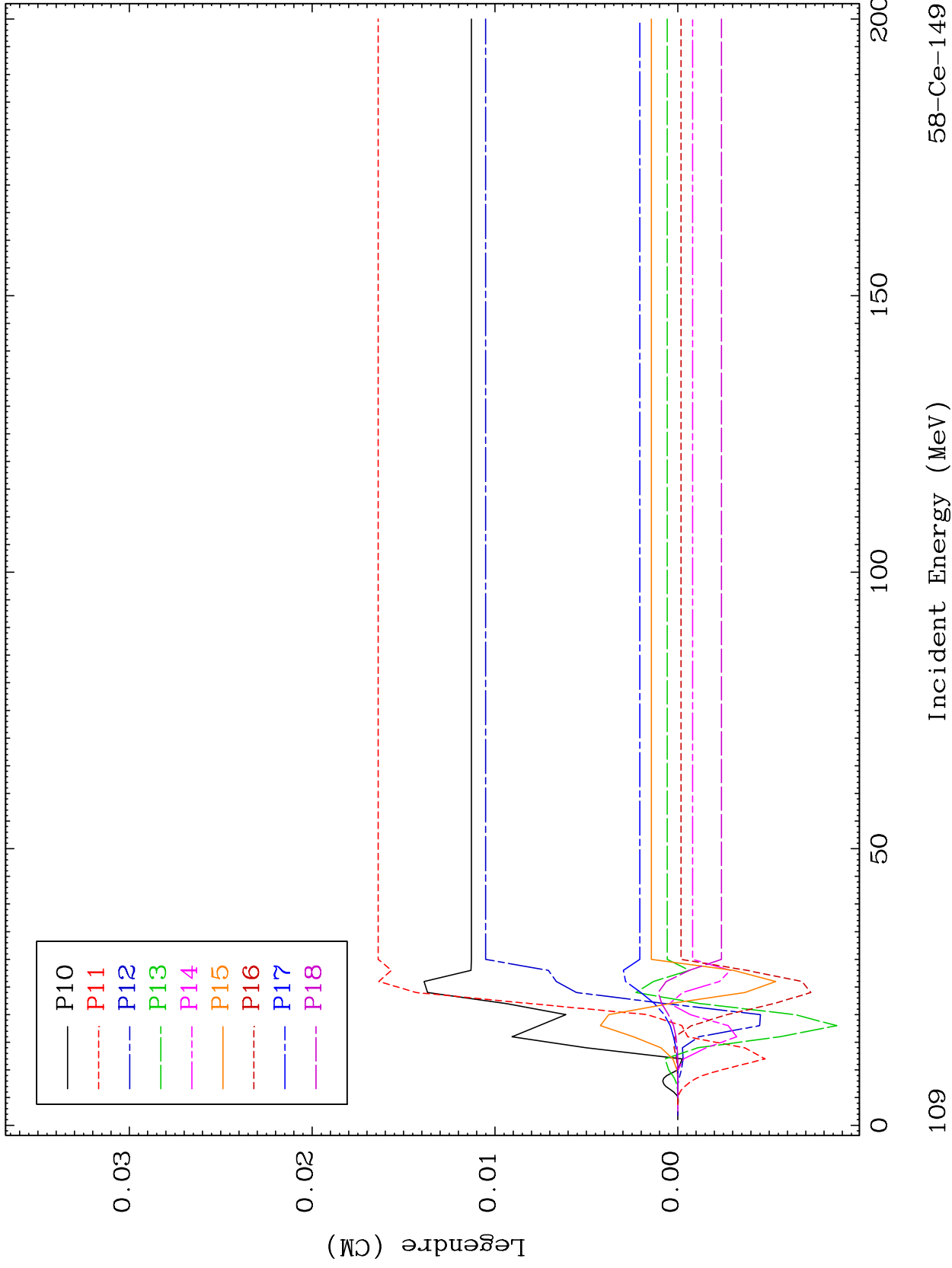
Incident Energy (MeV)

108

MAT 5864

630.6 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

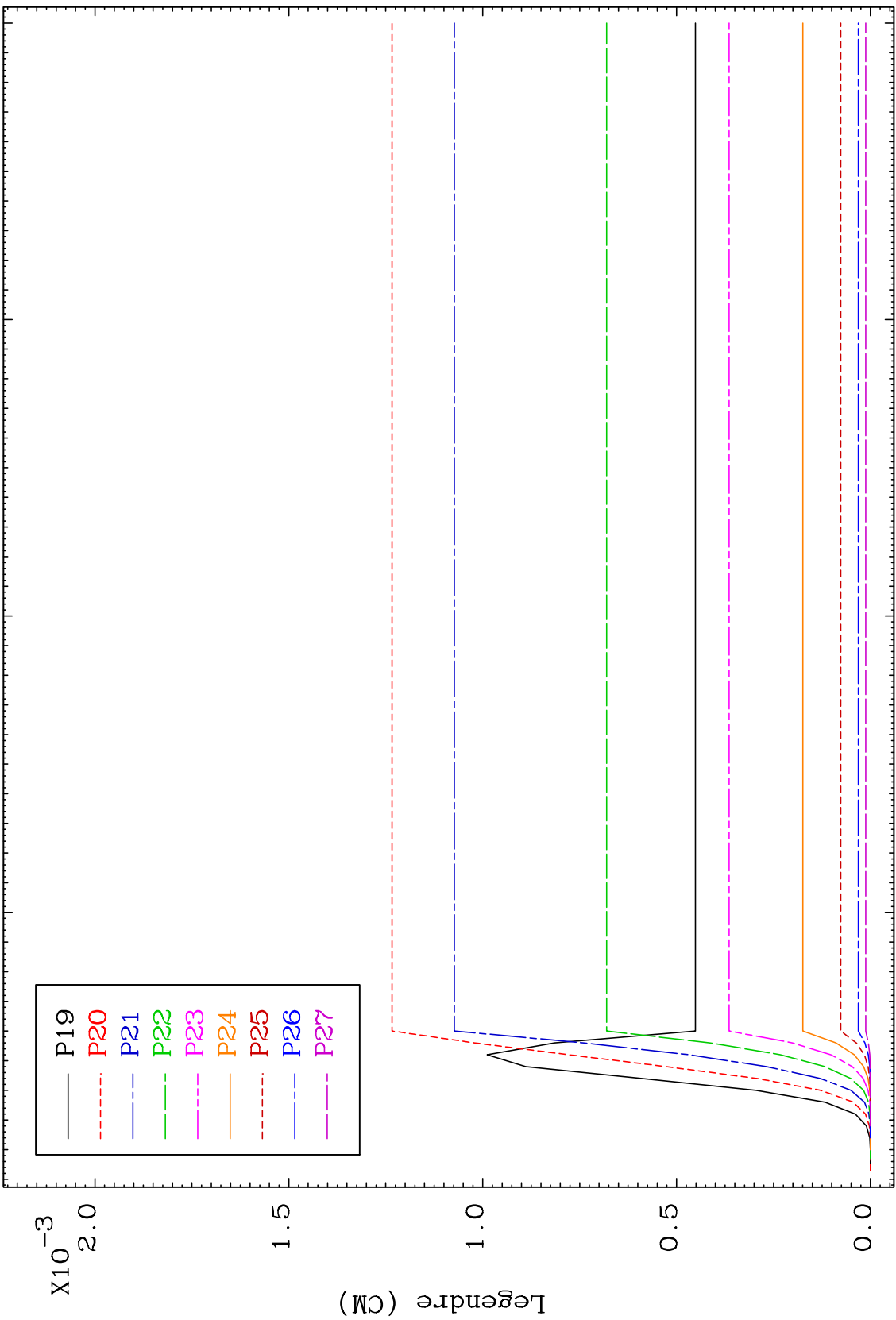
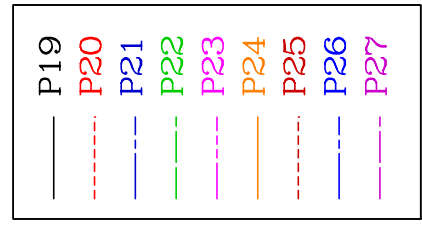
Incident Energy (MeV)

109

MAT 5864

630.6 keV (n,n') Level
Legendre Coefficients

58-Ce-149



110

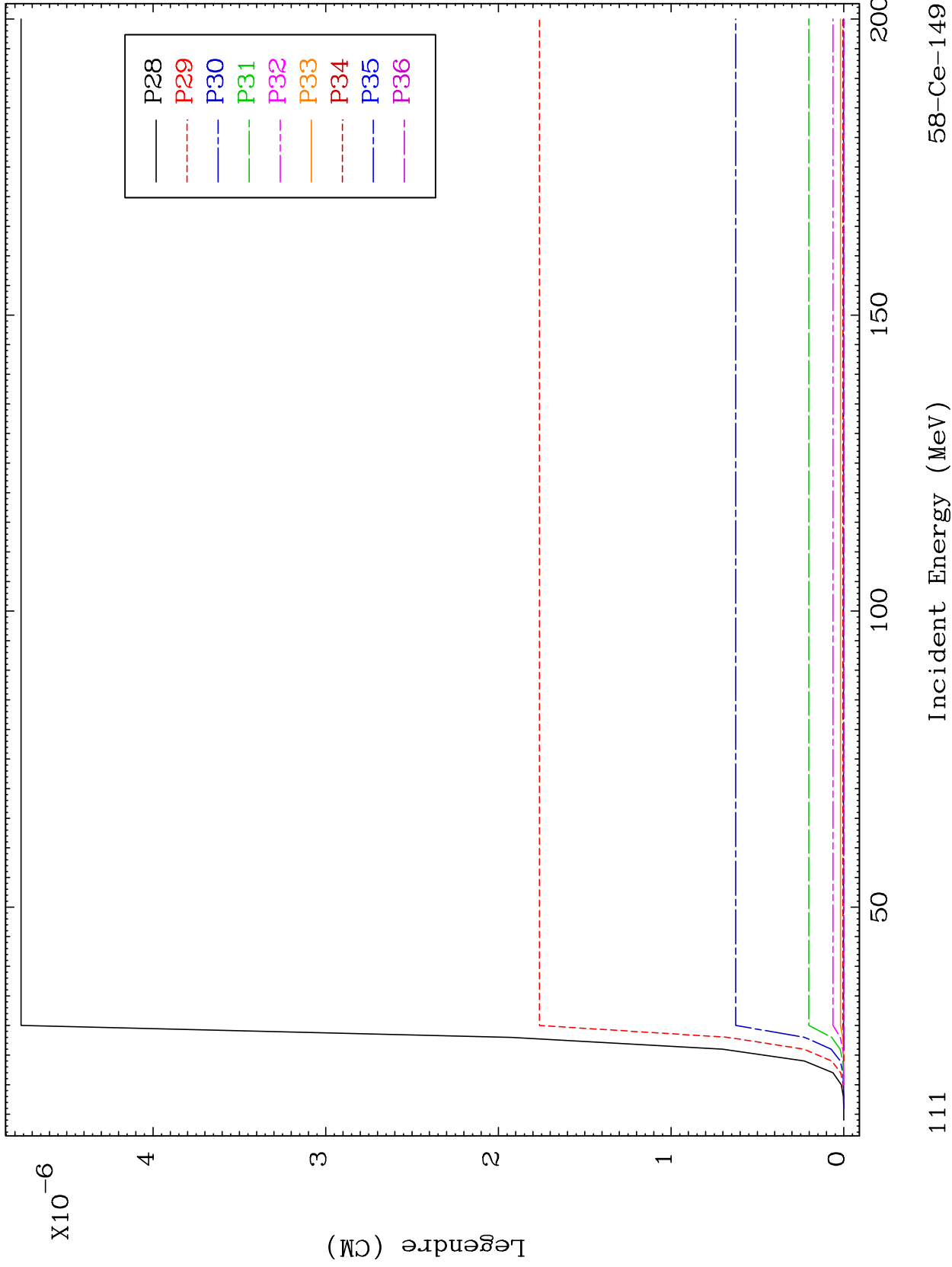
Incident Energy (MeV)

58-Ce-149

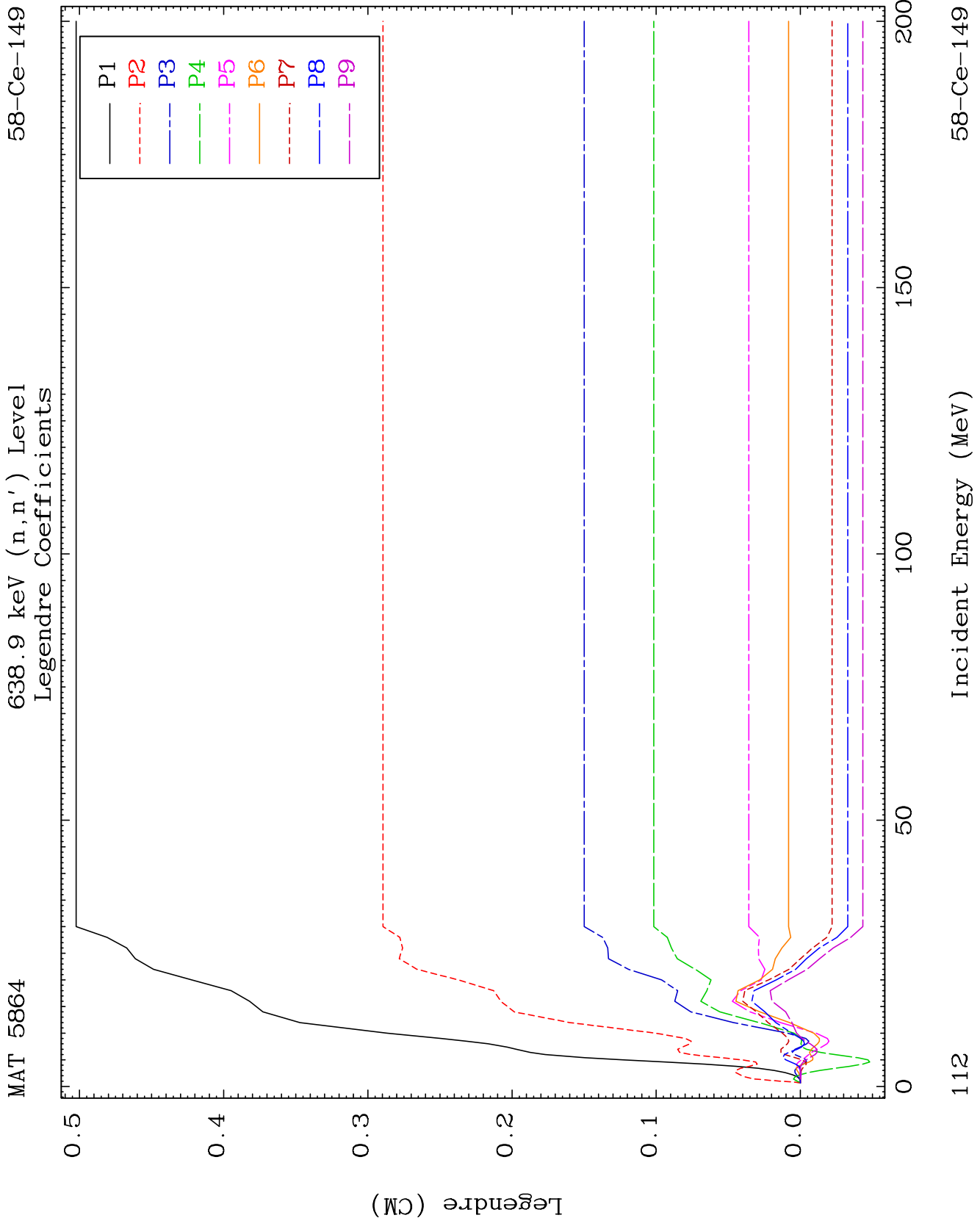
MAT 5864

630.6 keV (n,n') Level
Legendre Coefficients

58-Ce-149



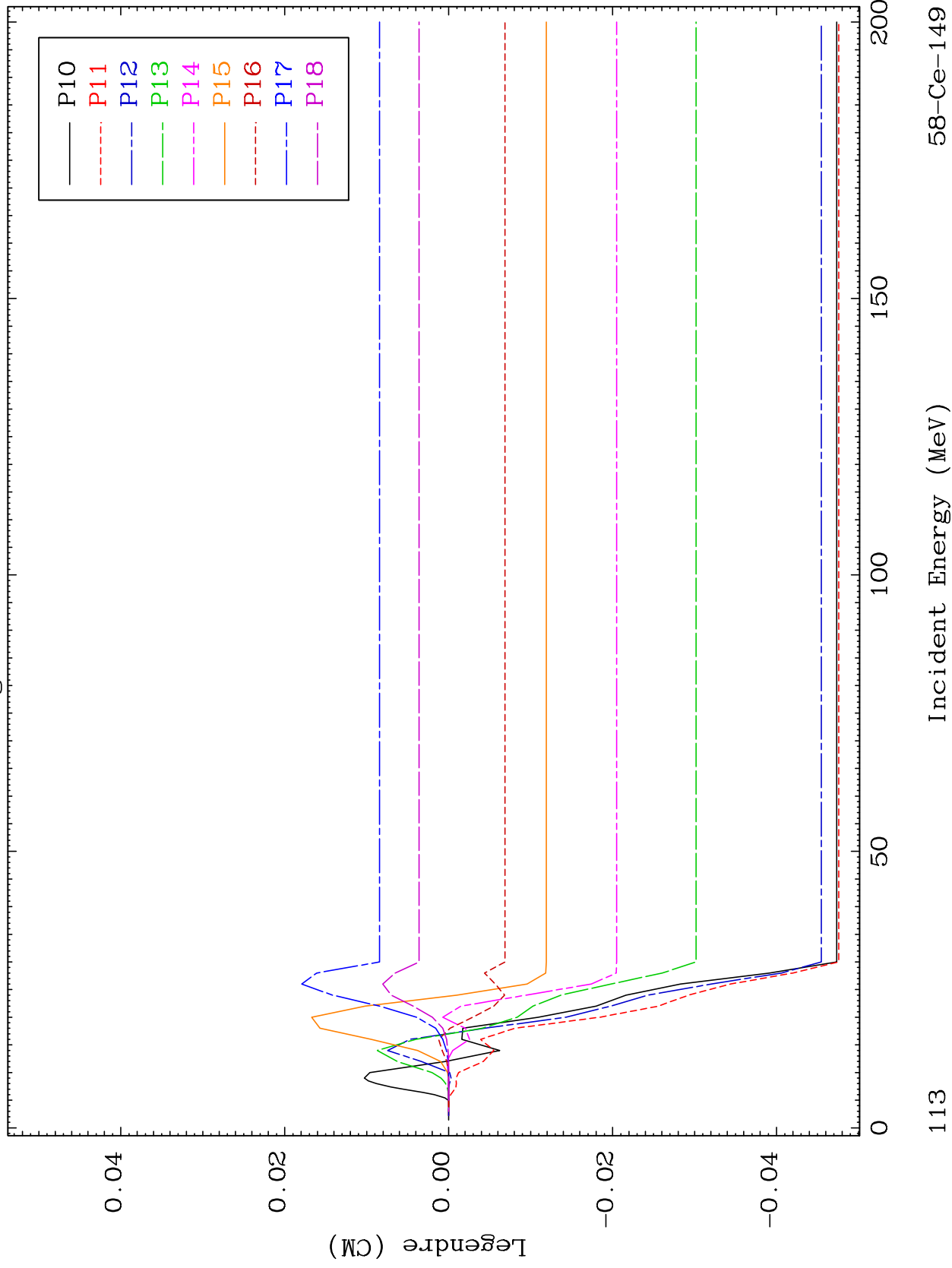
111



MAT 5864

638.9 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

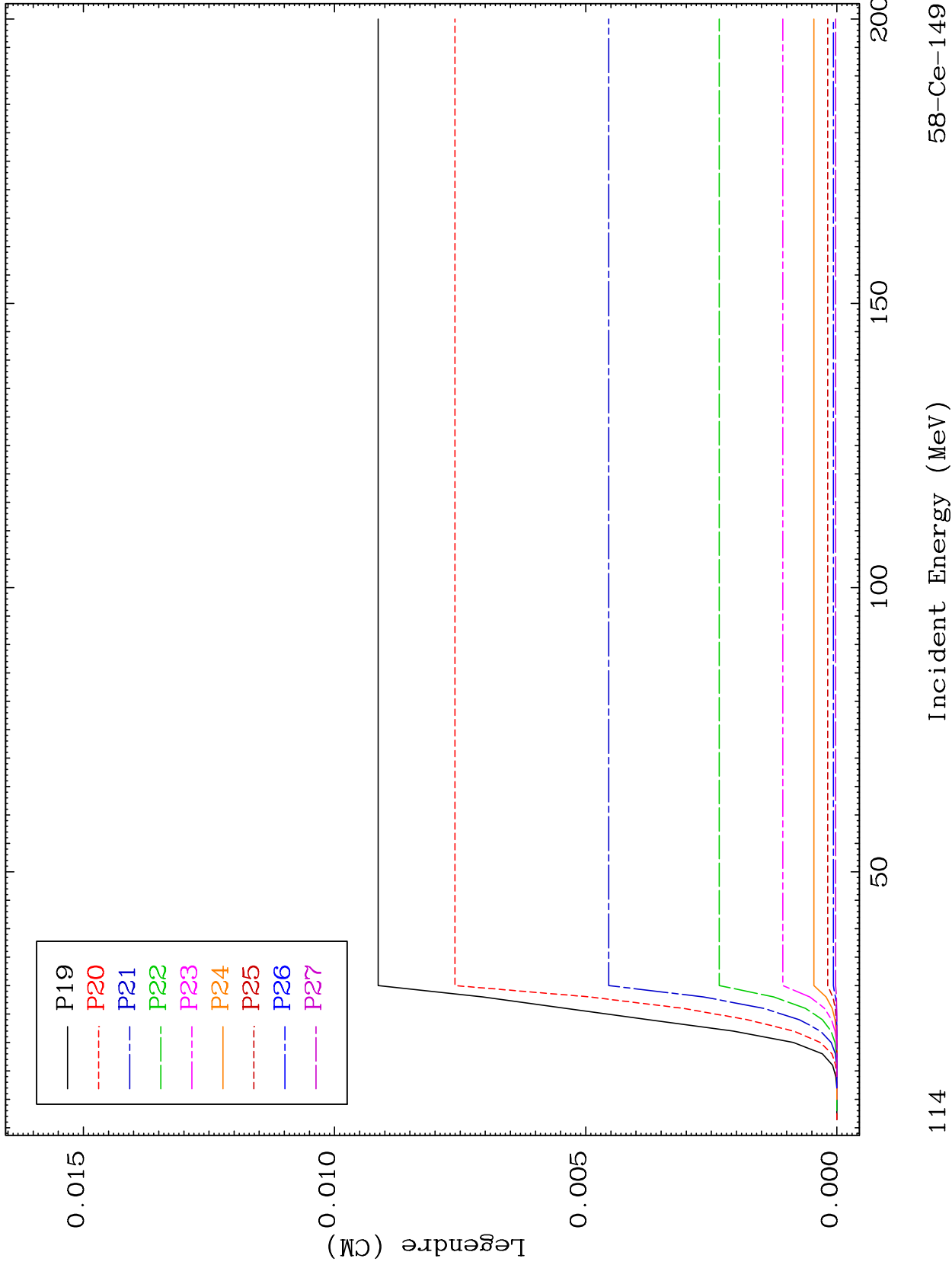
Incident Energy (MeV)

113

MAT 5864

638.9 keV (n,n') Level
Legendre Coefficients

58-Ce-149



114

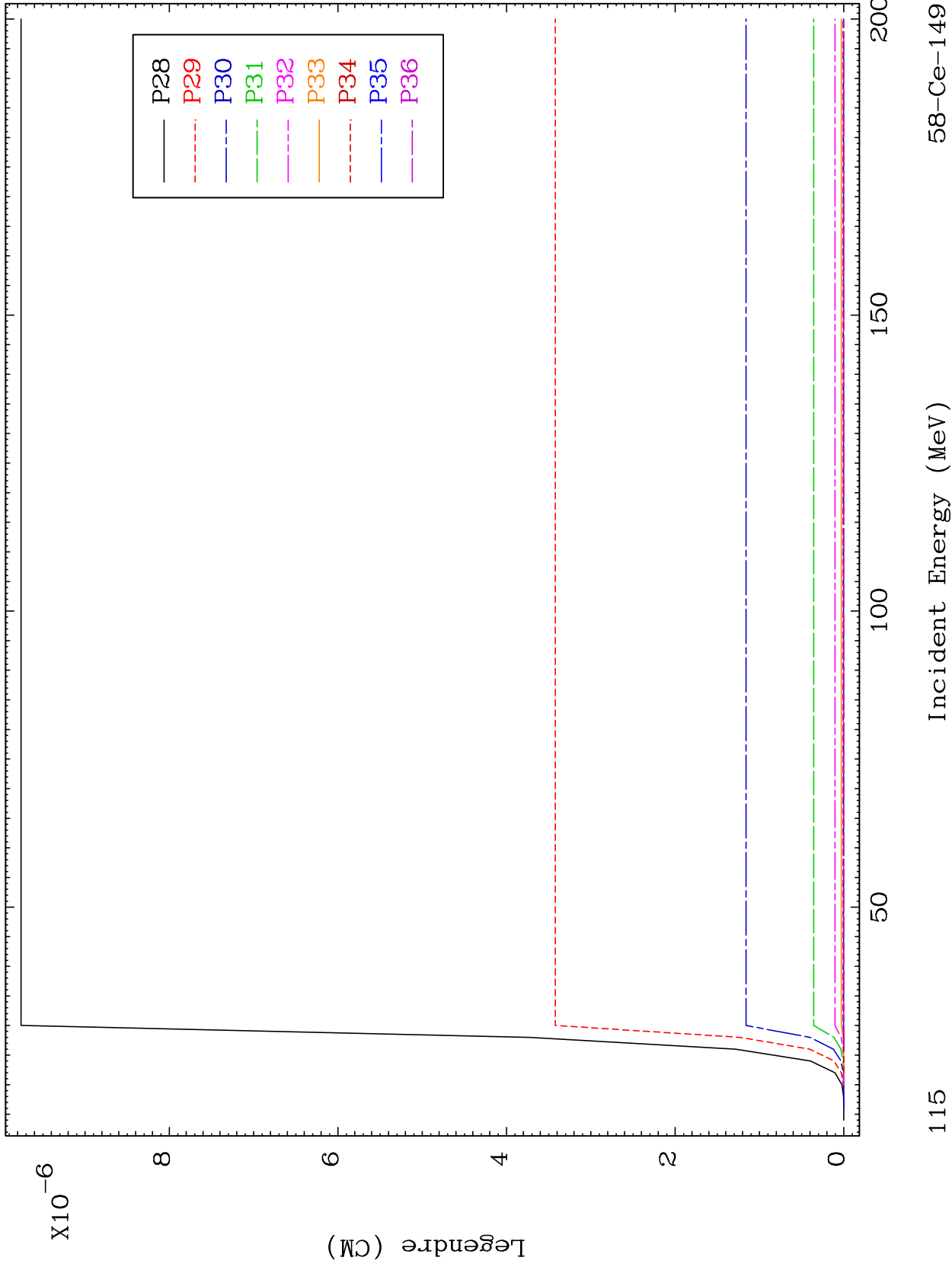
Incident Energy (MeV)

58-Ce-149

MAT 5864

638.9 keV (n, n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

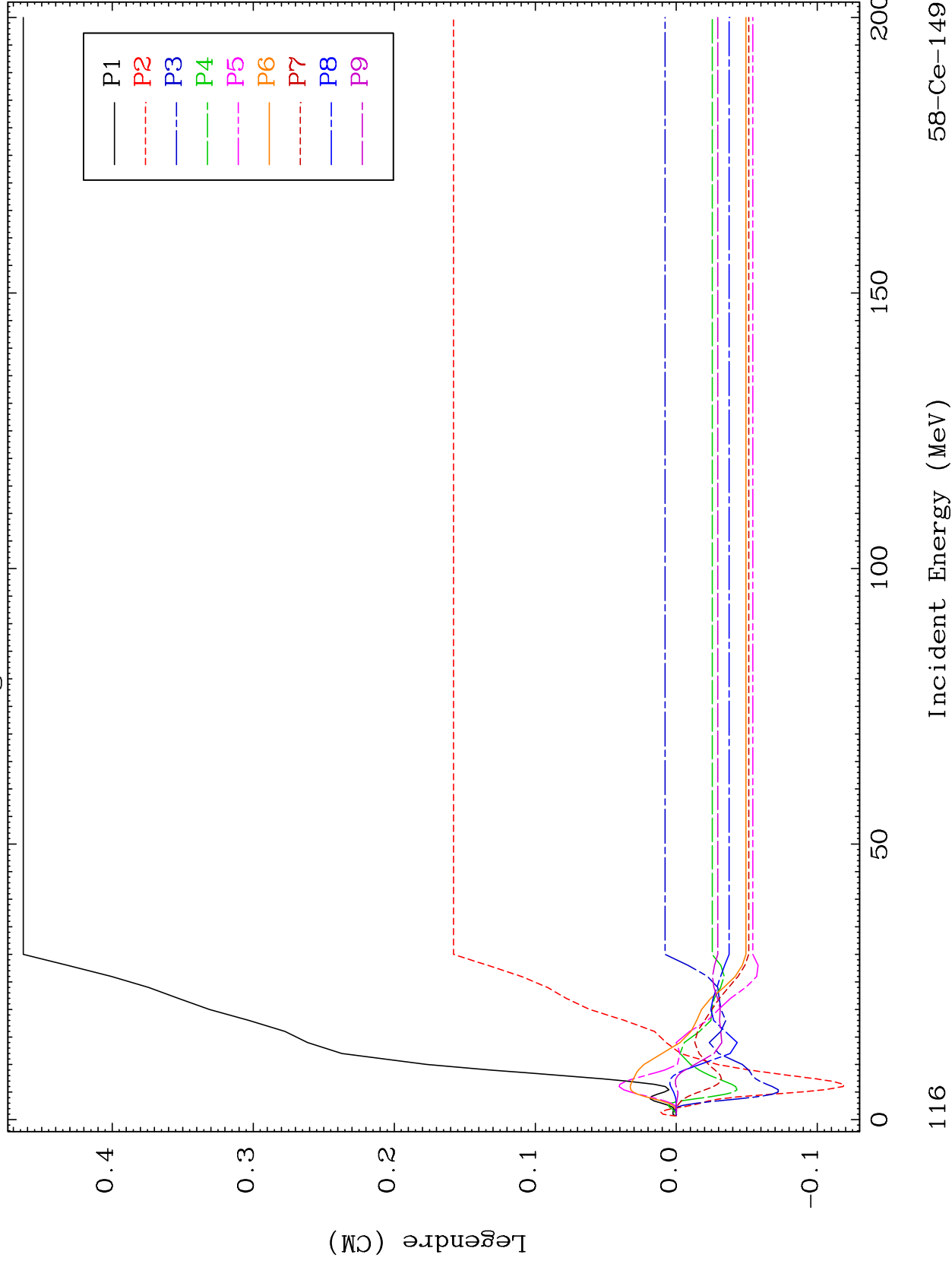
Incident Energy (MeV)

115

MAT 5864

654.8 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

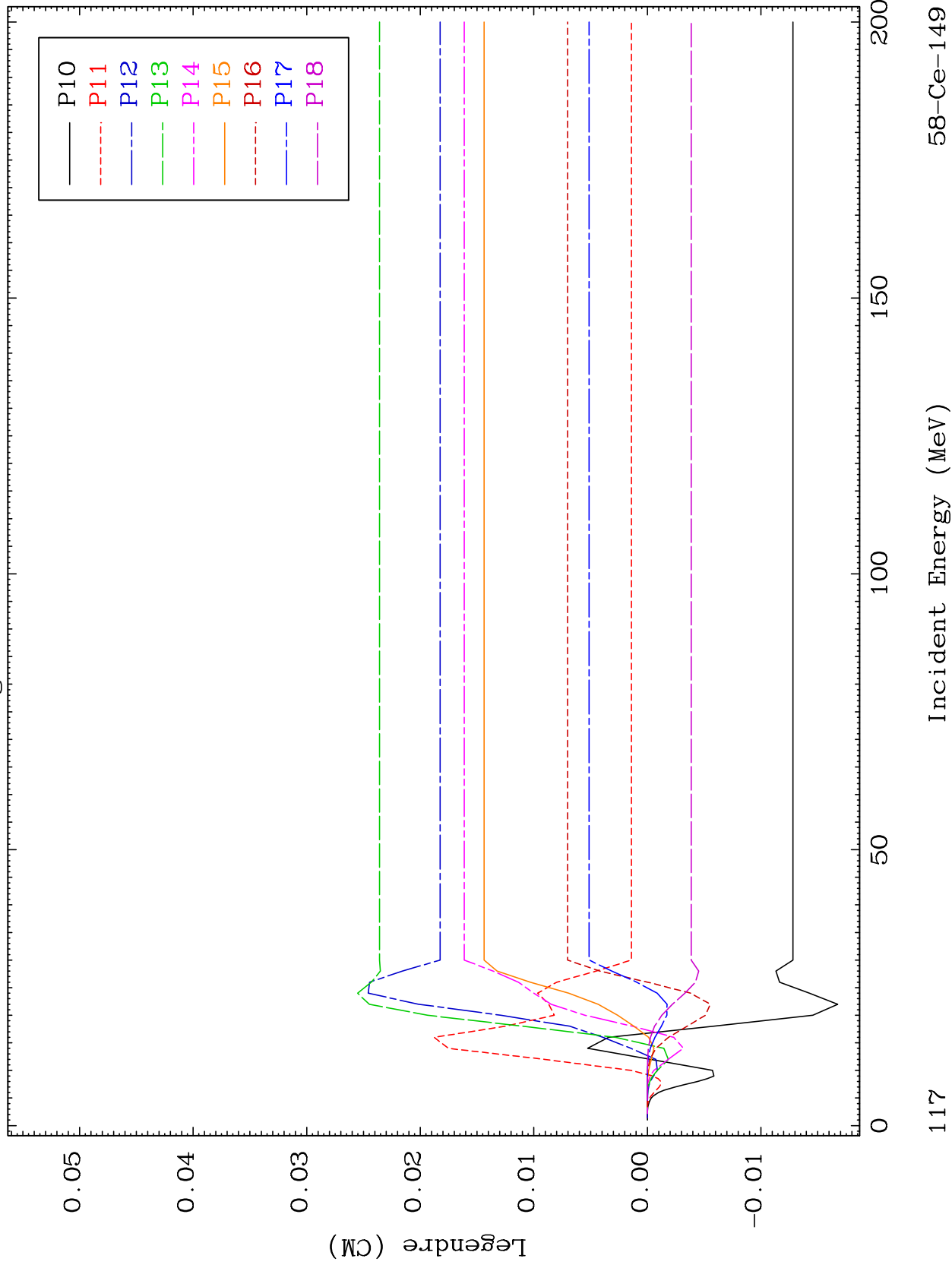
Incident Energy (MeV)

116

MAT 5864

654.8 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

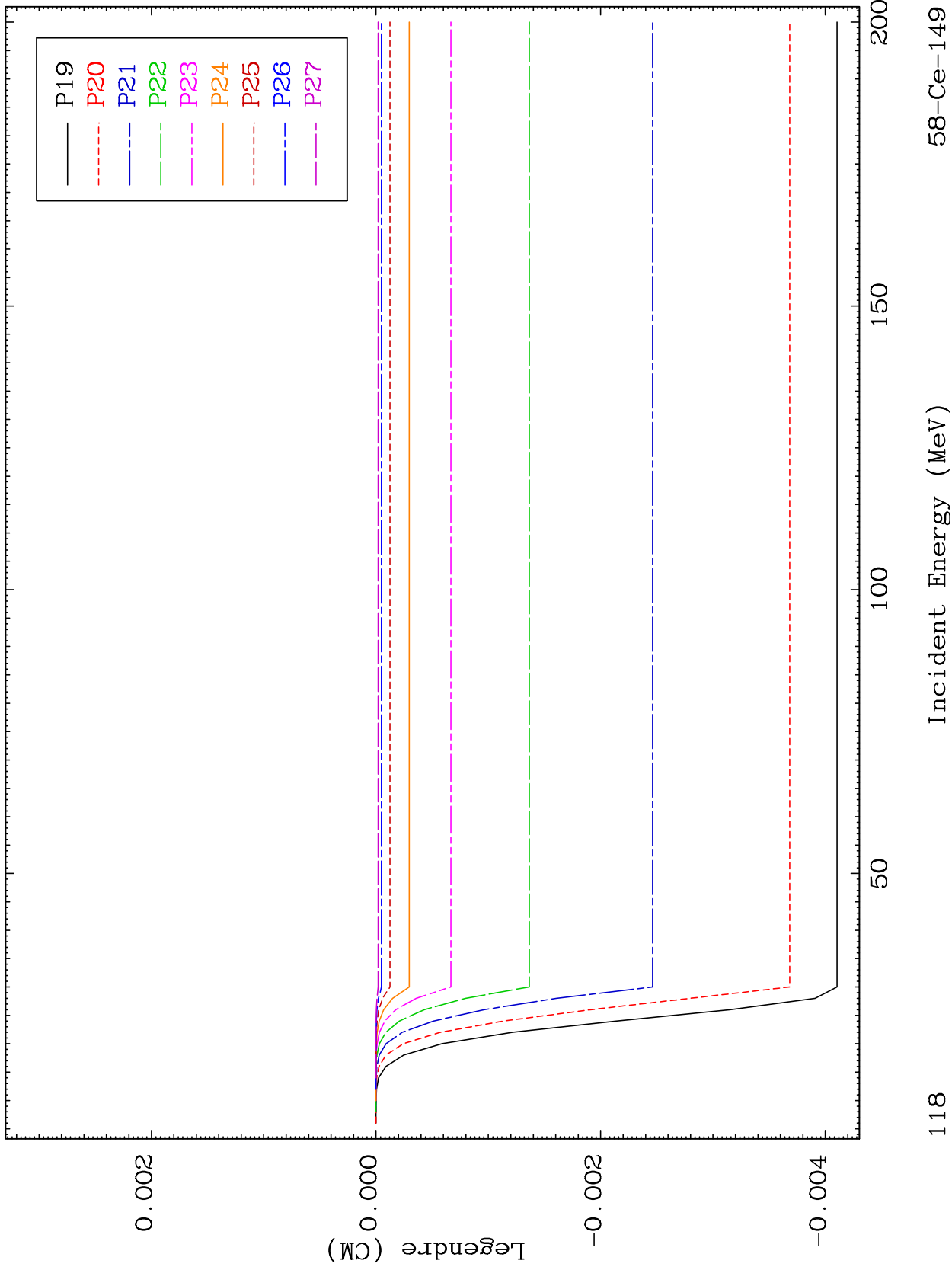
Incident Energy (MeV)

117

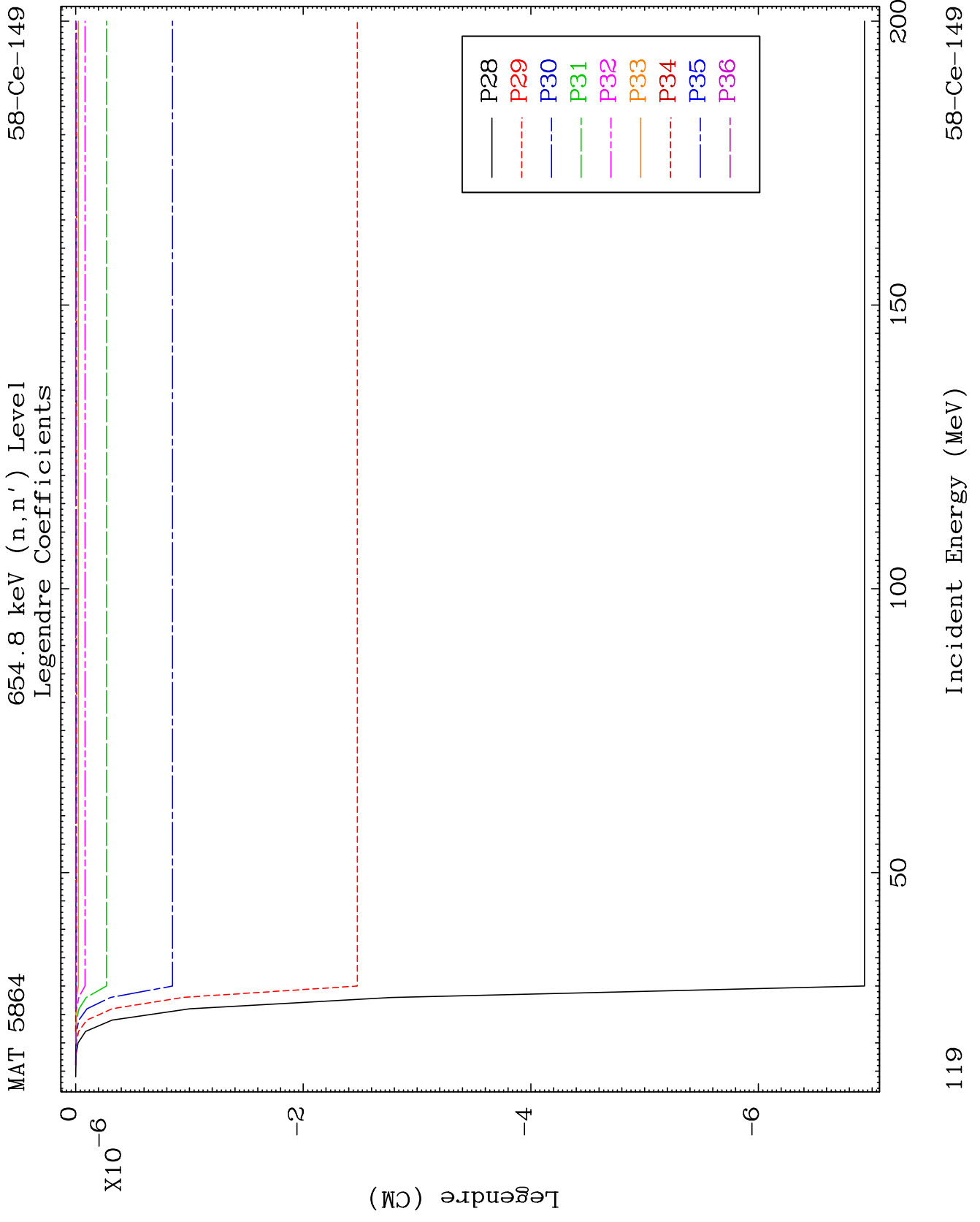
MAT 5864

654.8 keV (n,n') Level
Legendre Coefficients

58-Ce-149



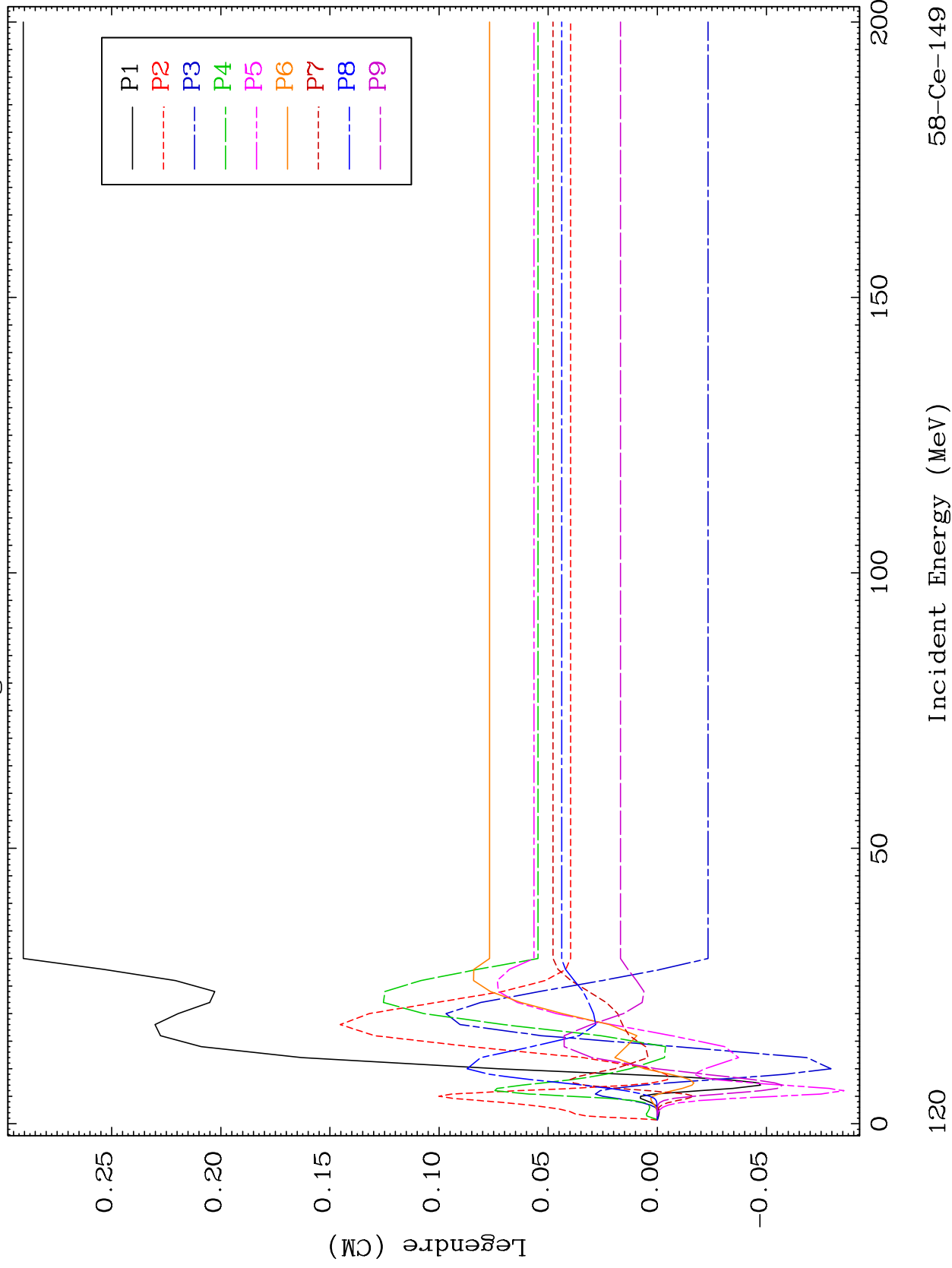
118



MAT 5864

661.7 keV (n,n') Level
Legendre Coefficients

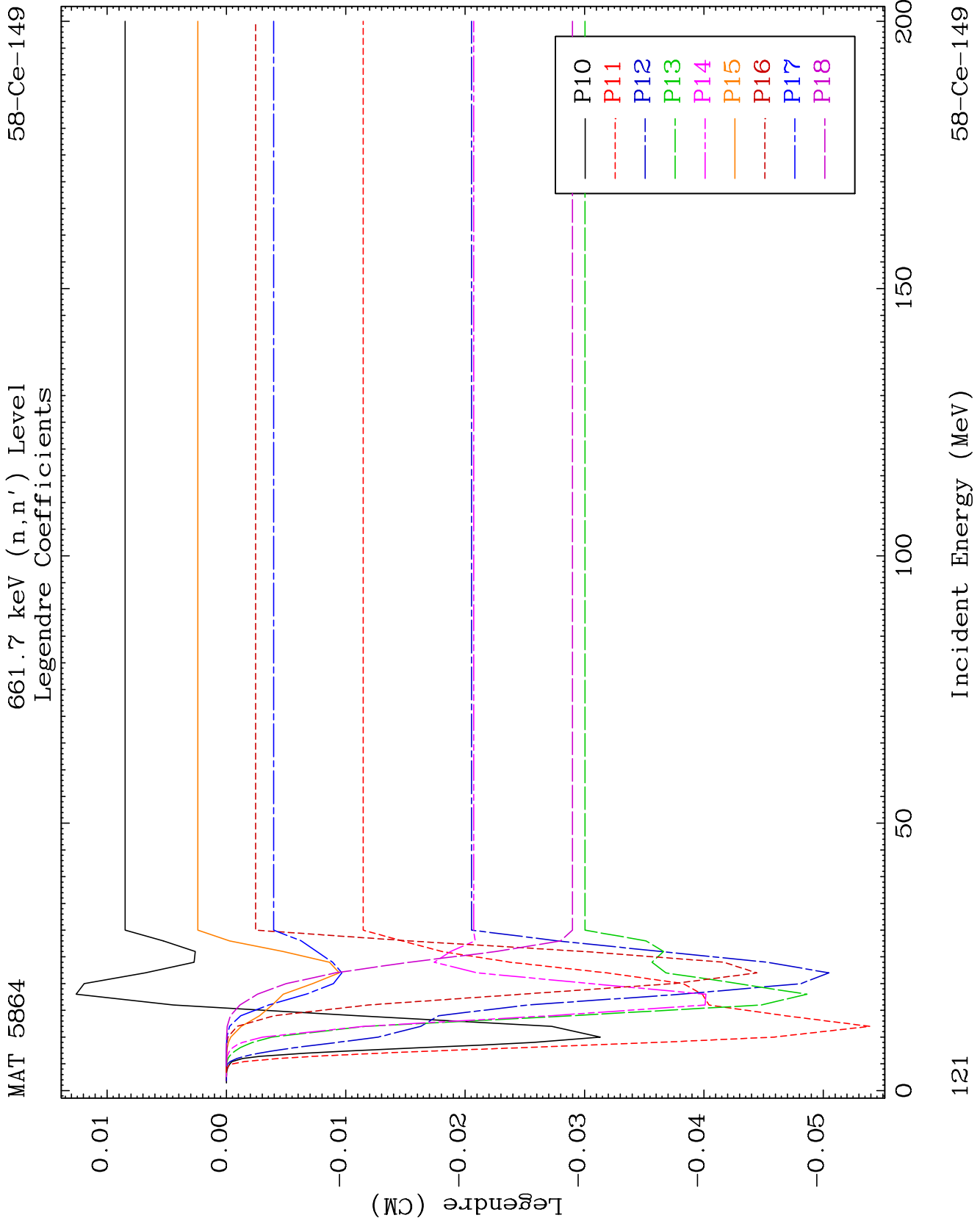
58-Ce-149

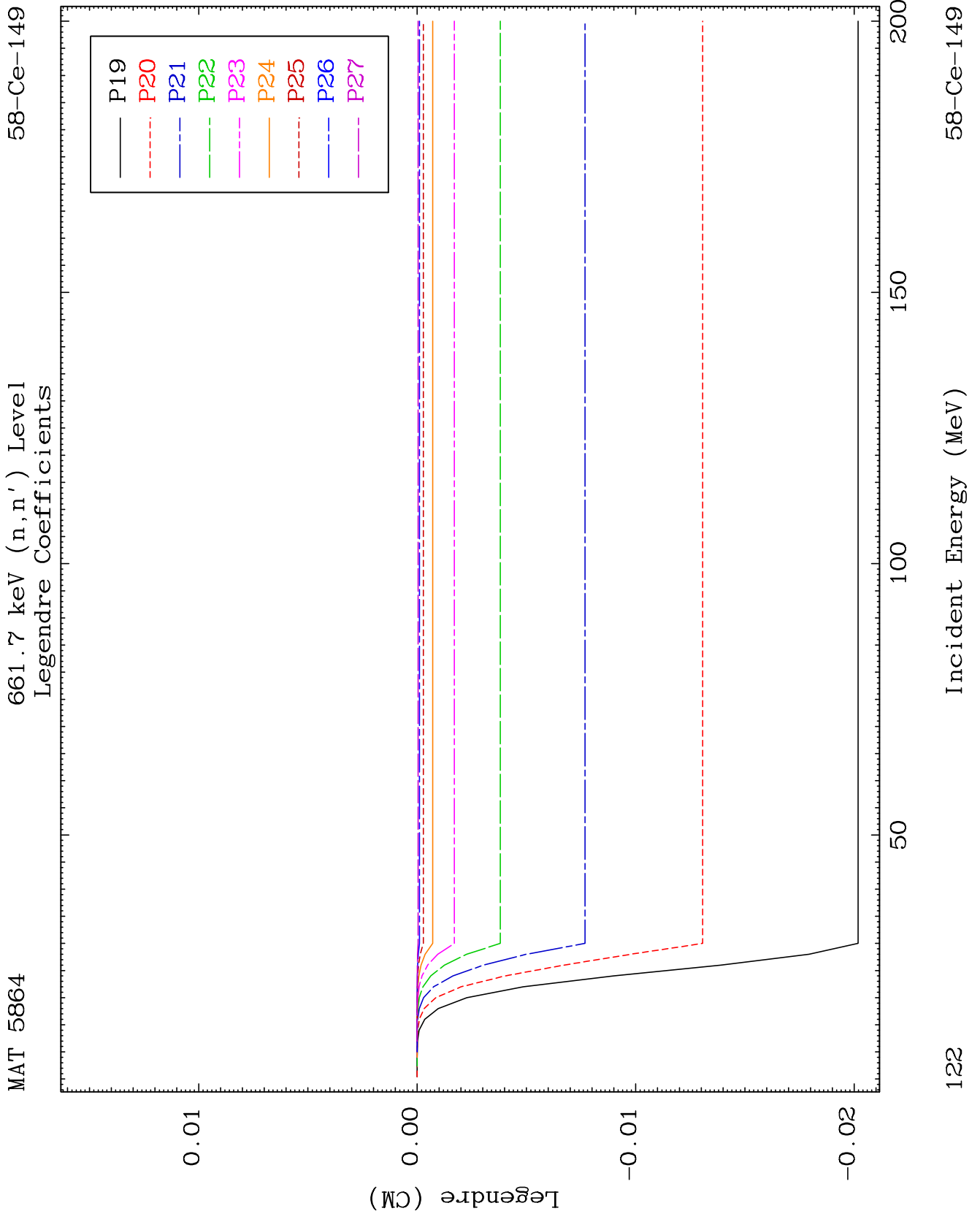


58-Ce-149

Incident Energy (MeV)

120

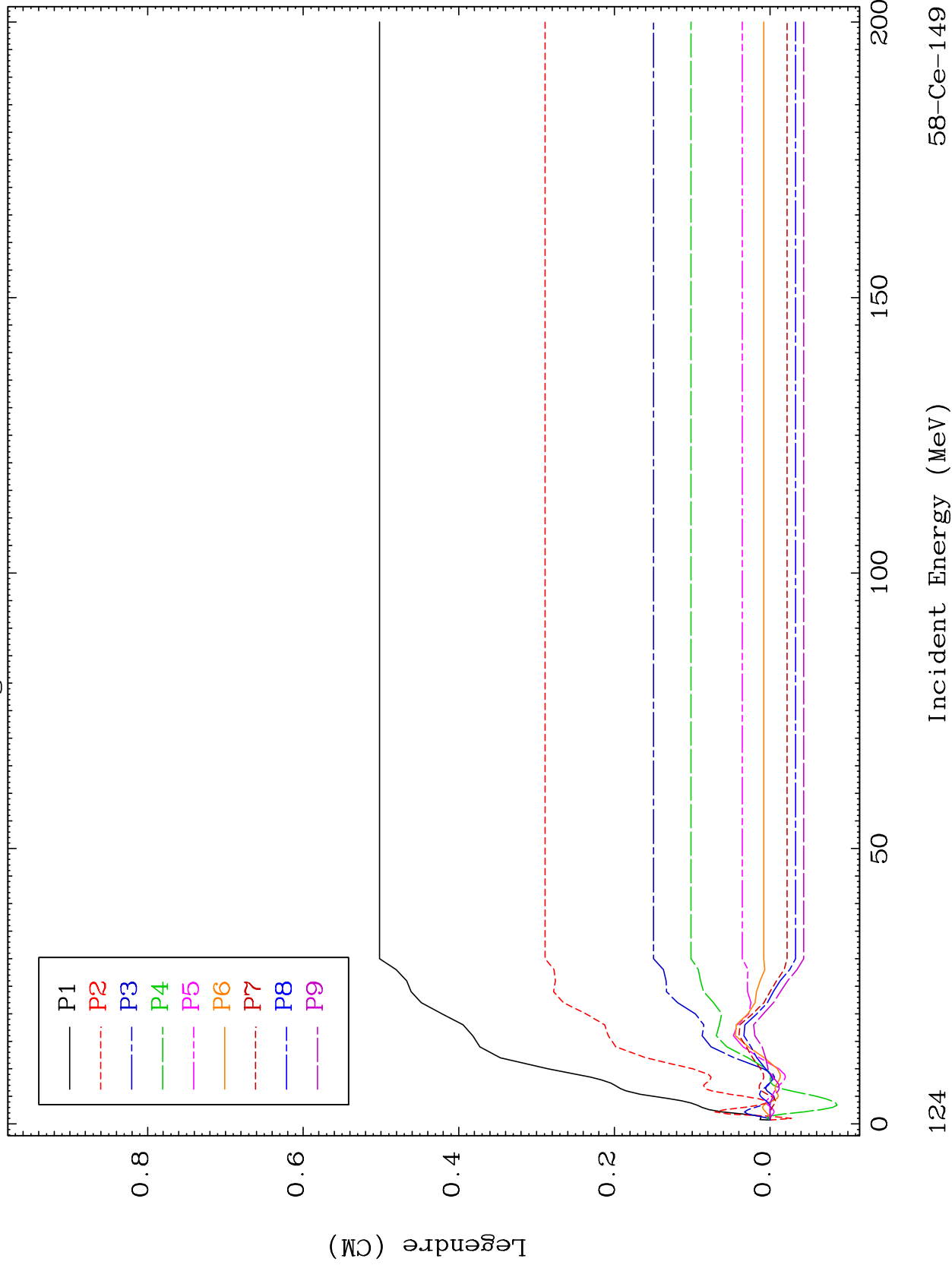




MAT 5864

694.6 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

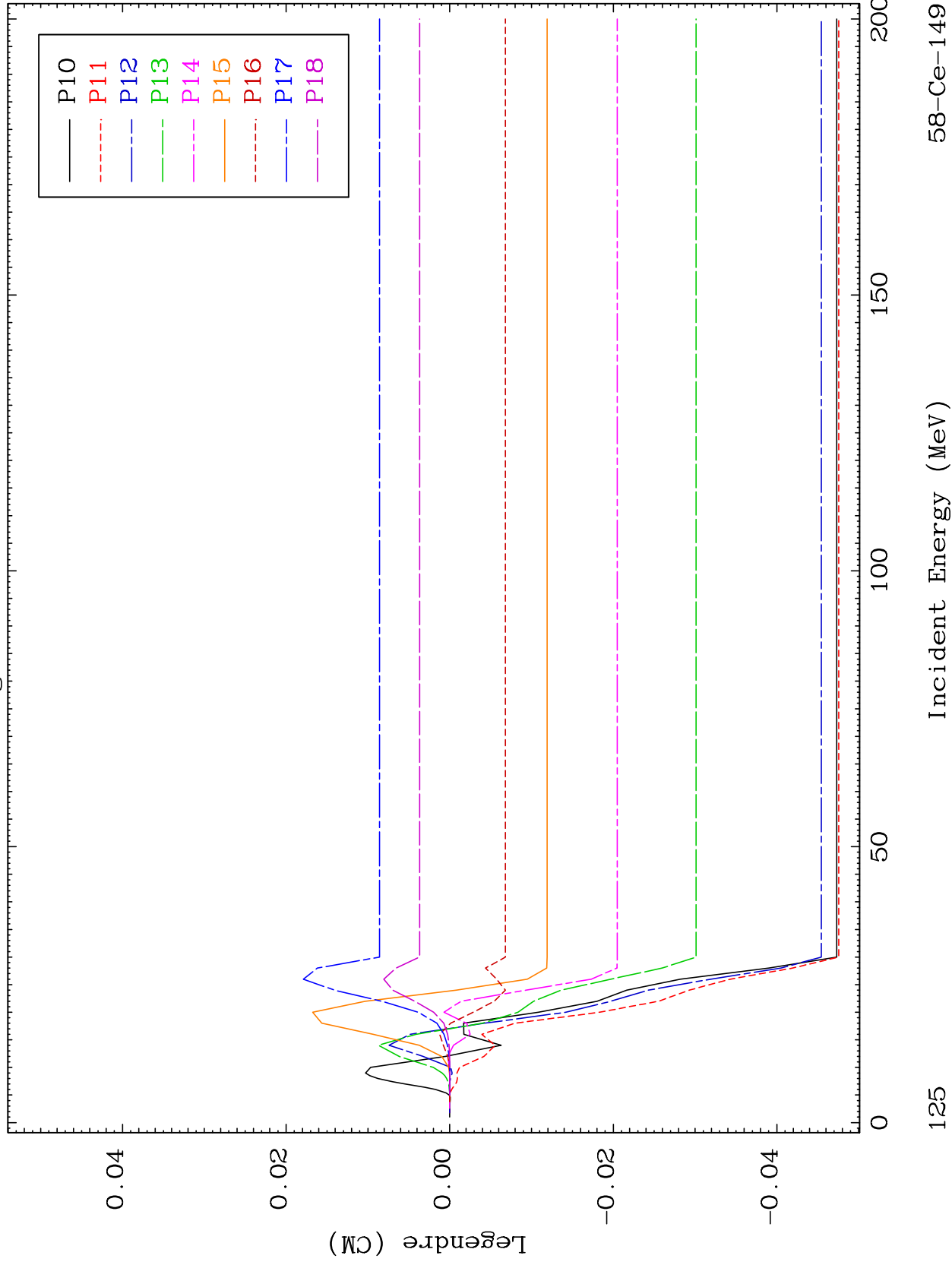
Incident Energy (MeV)

124

MAT 5864

694.6 keV (n,n') Level
Legendre Coefficients

58-Ce-149



58-Ce-149

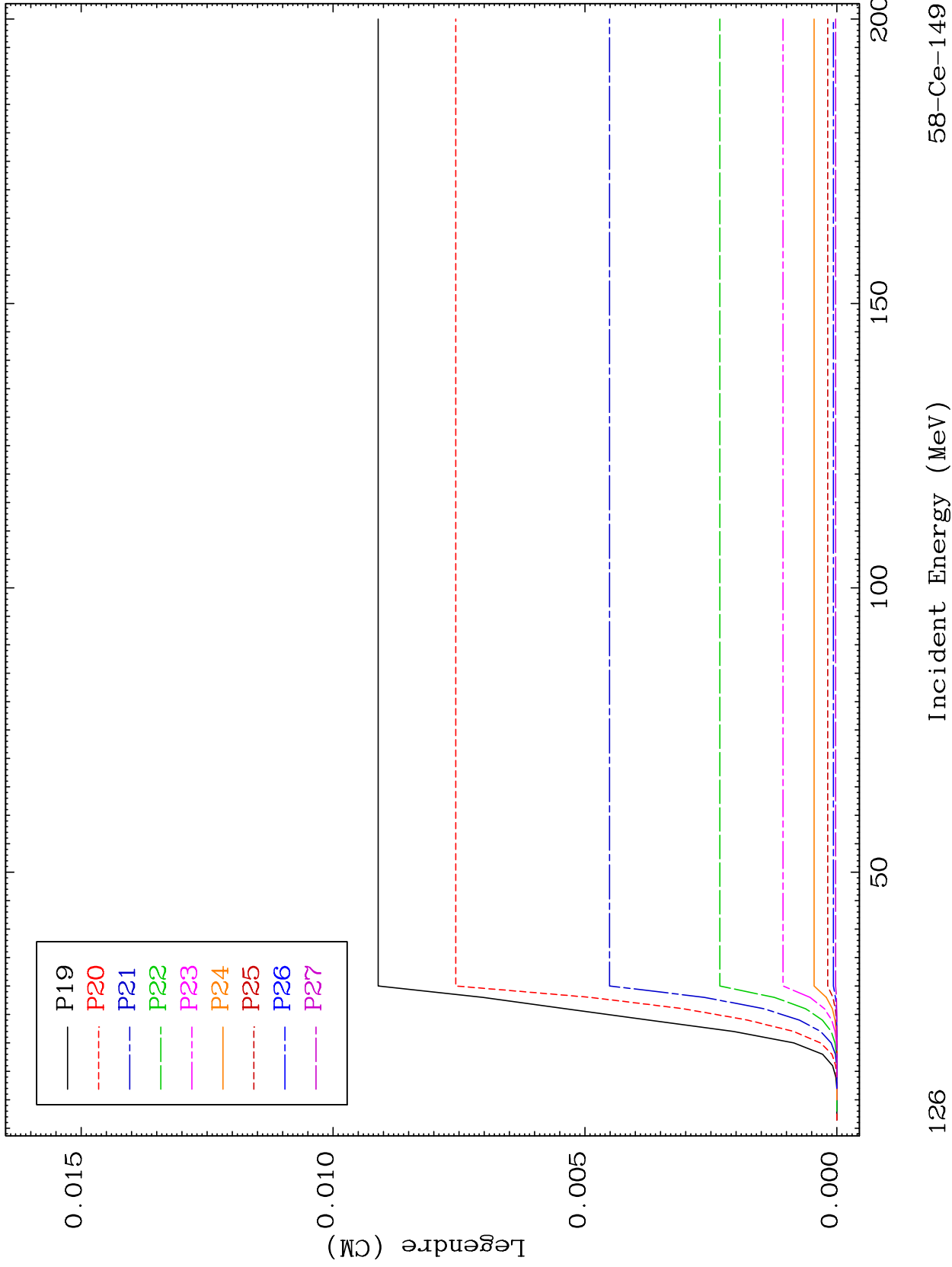
Incident Energy (MeV)

125

MAT 5864

694.6 keV (n, n') Level
Legendre Coefficients

58-Ce-149



126

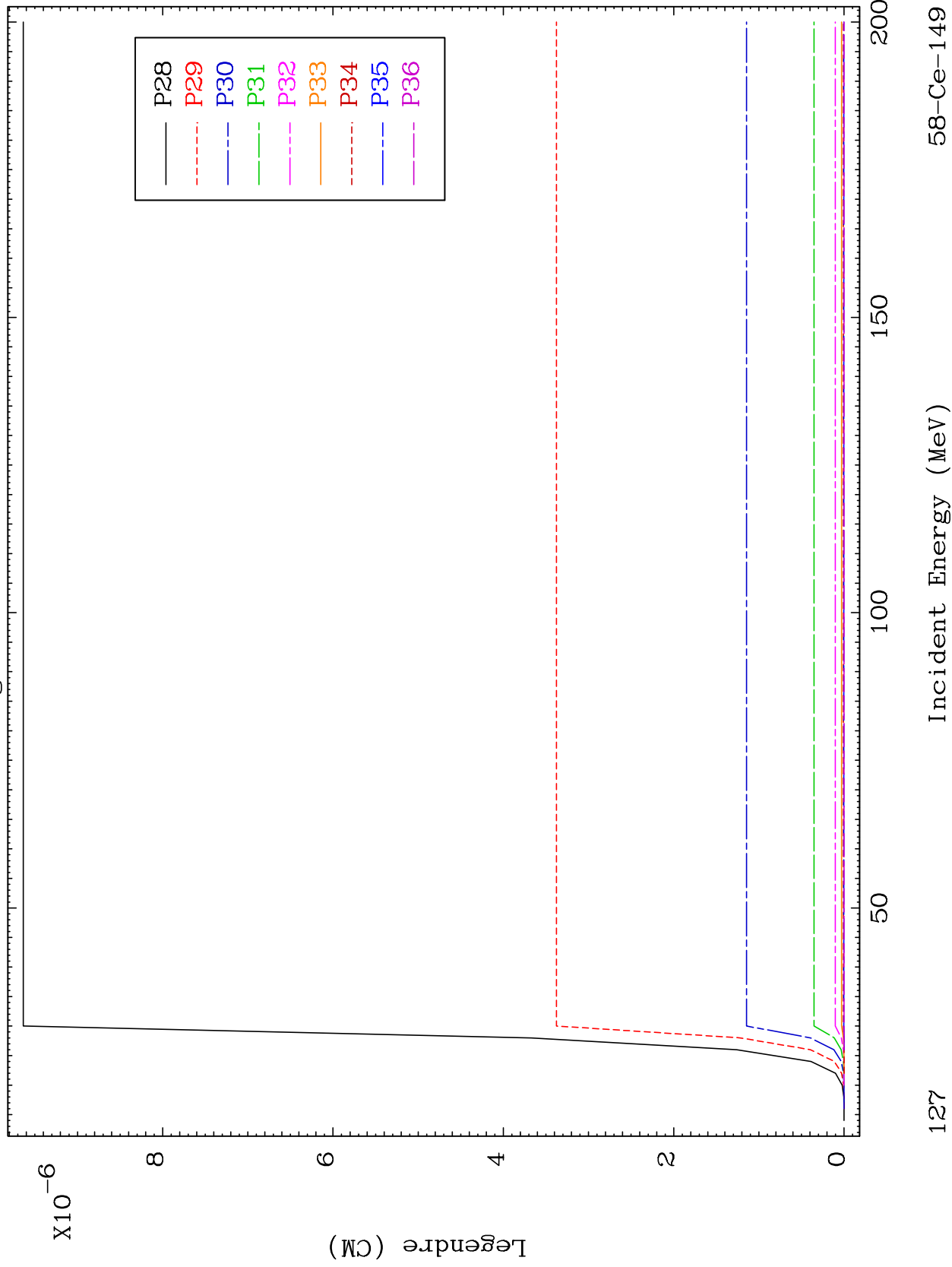
Incident Energy (MeV)

58-Ce-149

MAT 5864

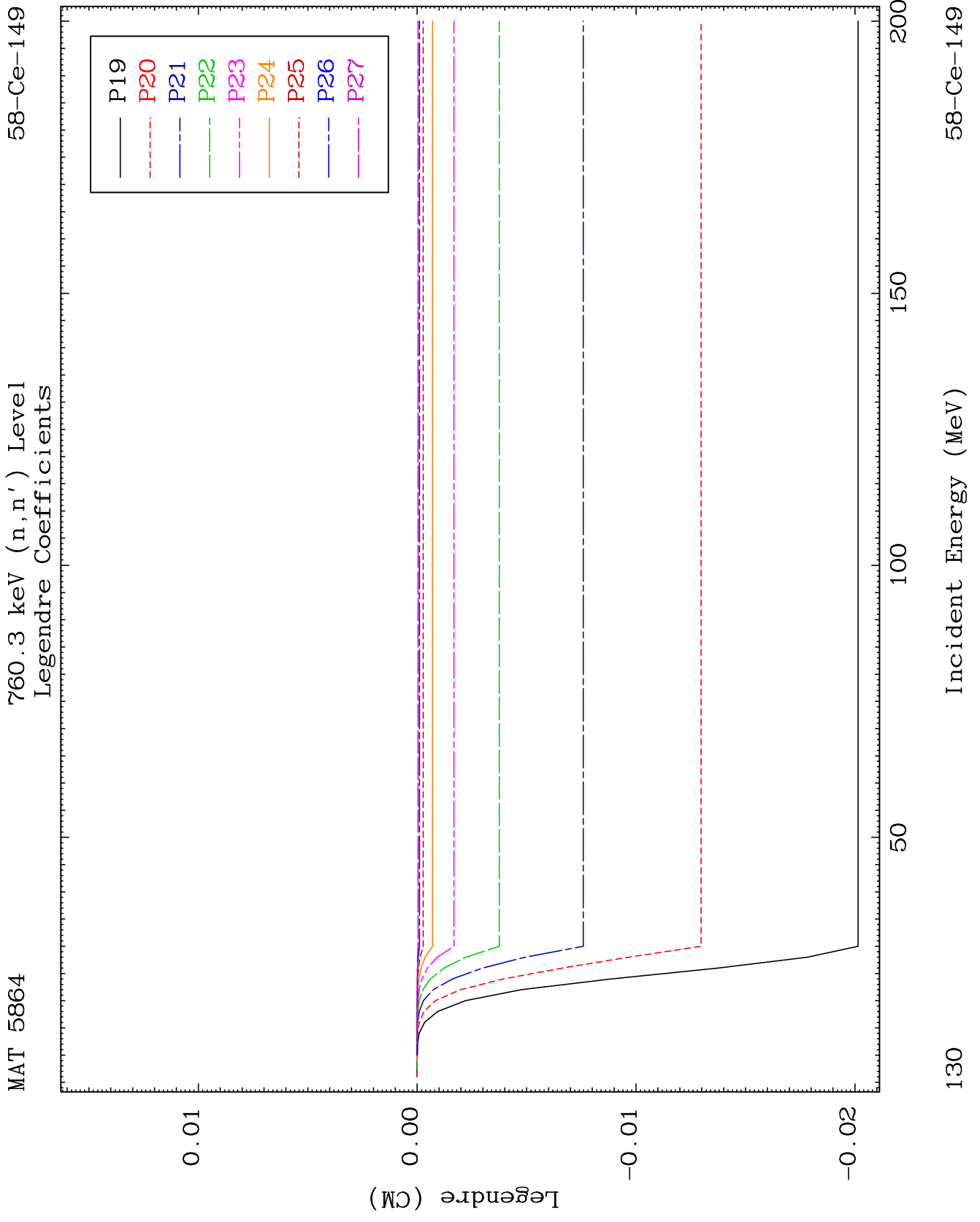
694.6 keV (n,n') Level
Legendre Coefficients

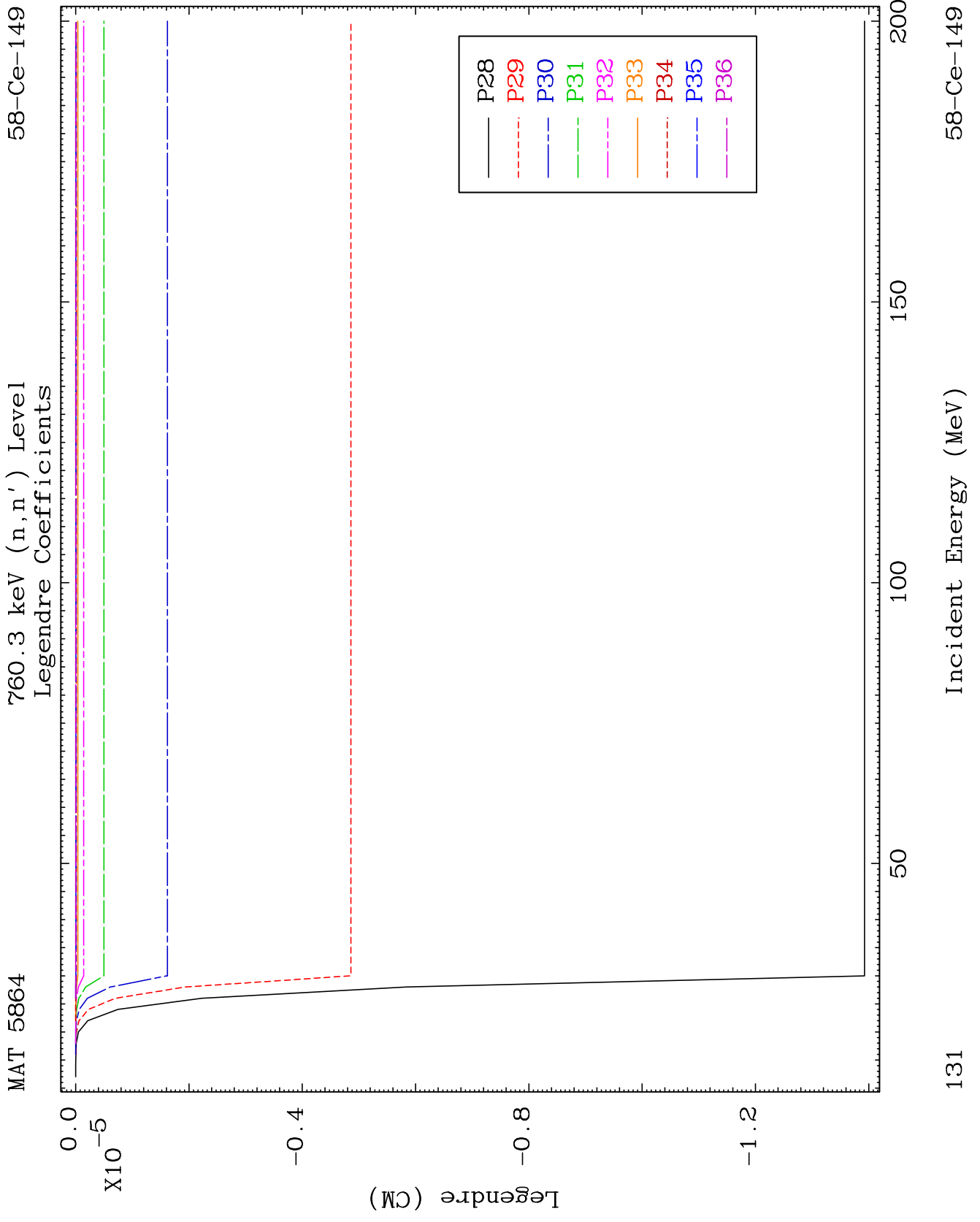
58-Ce-149



127

58-Ce-149



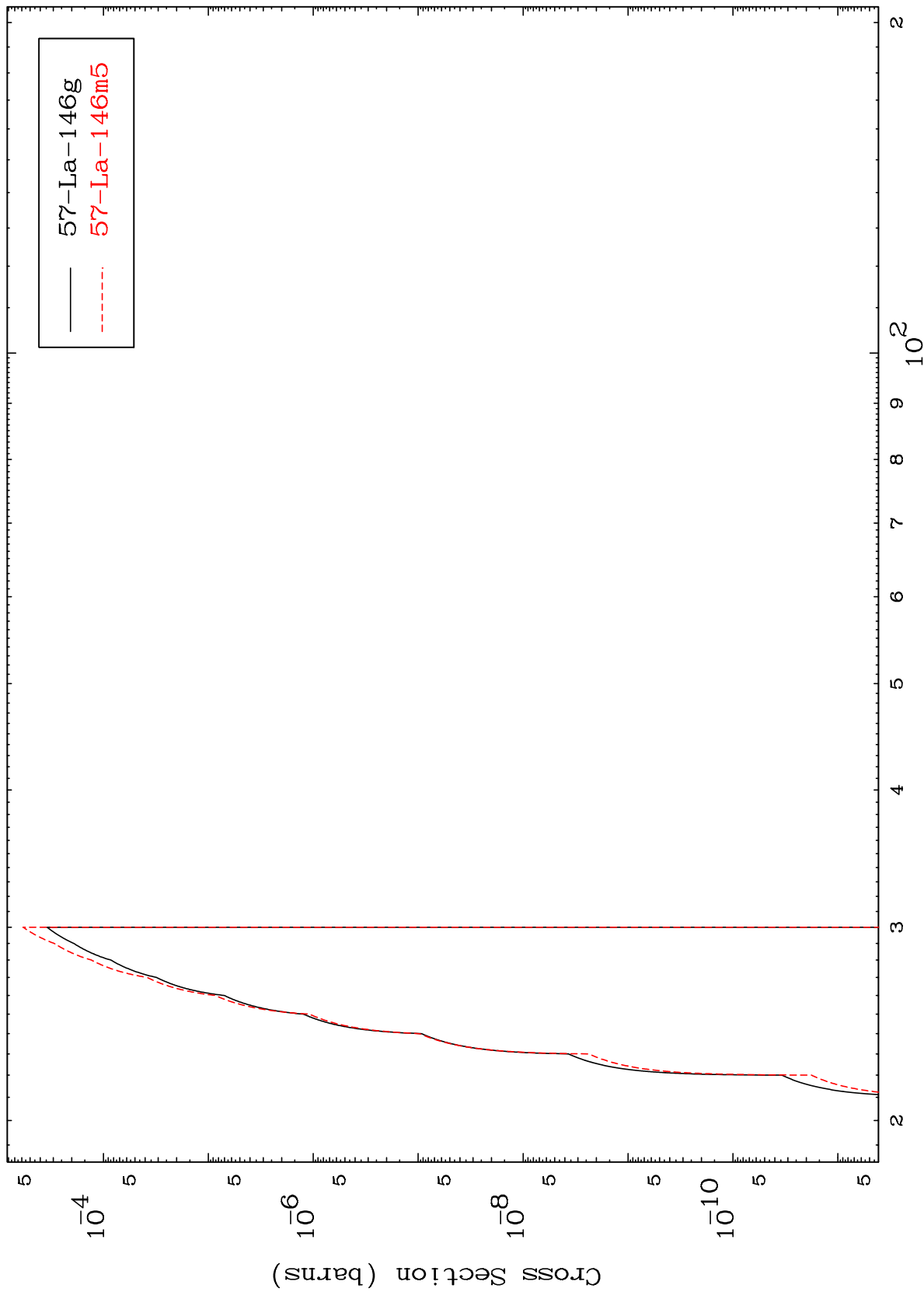


MAT 5864

(n,2n) d

58-Ce-149

Radionuclide Production Cross Section



132

Incident Energy (MeV)

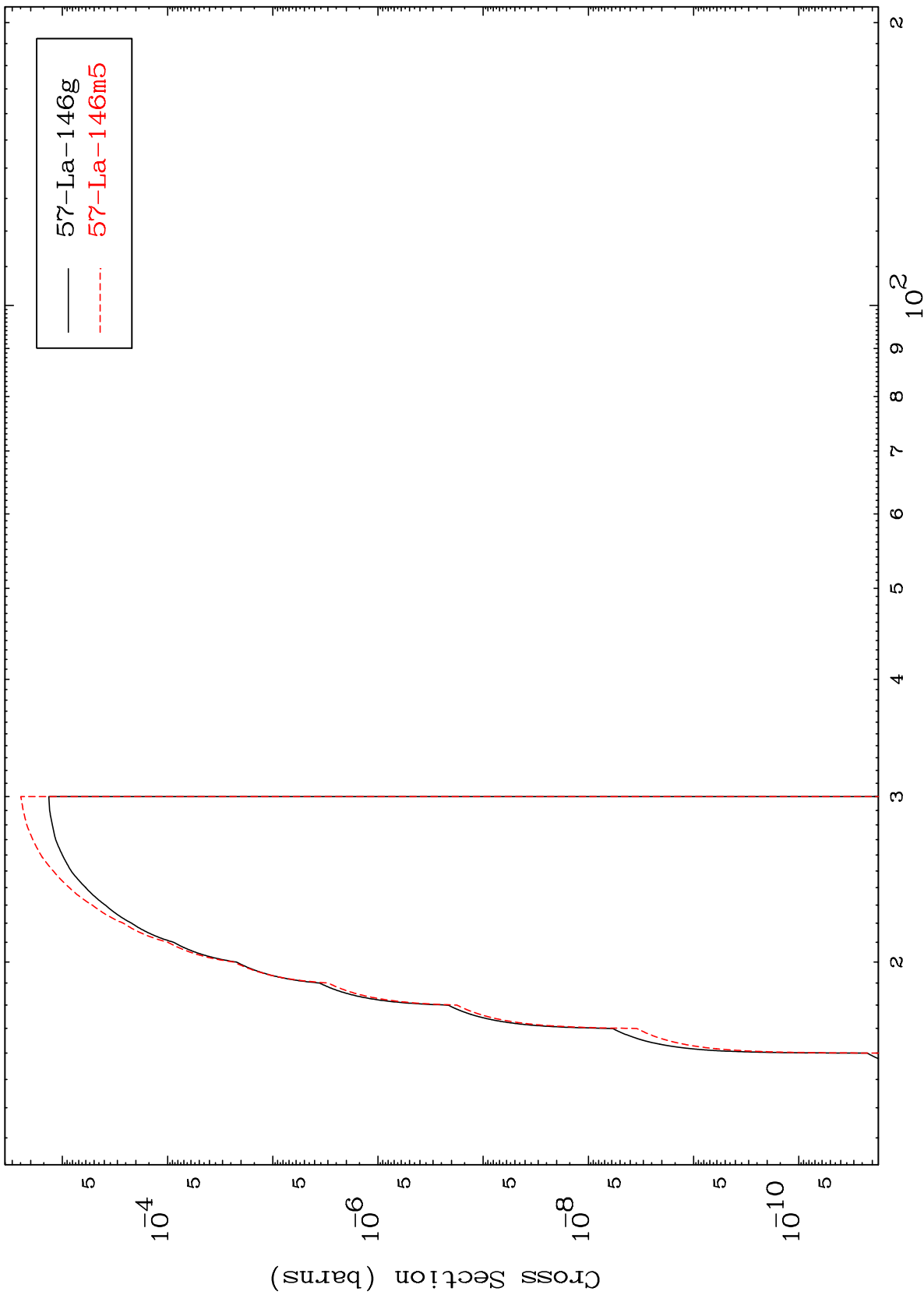
58-Ce-149

MAT 5864

(n,n') t

58-Ce-149

Radionuclide Production Cross Section



133

Incident Energy (MeV)

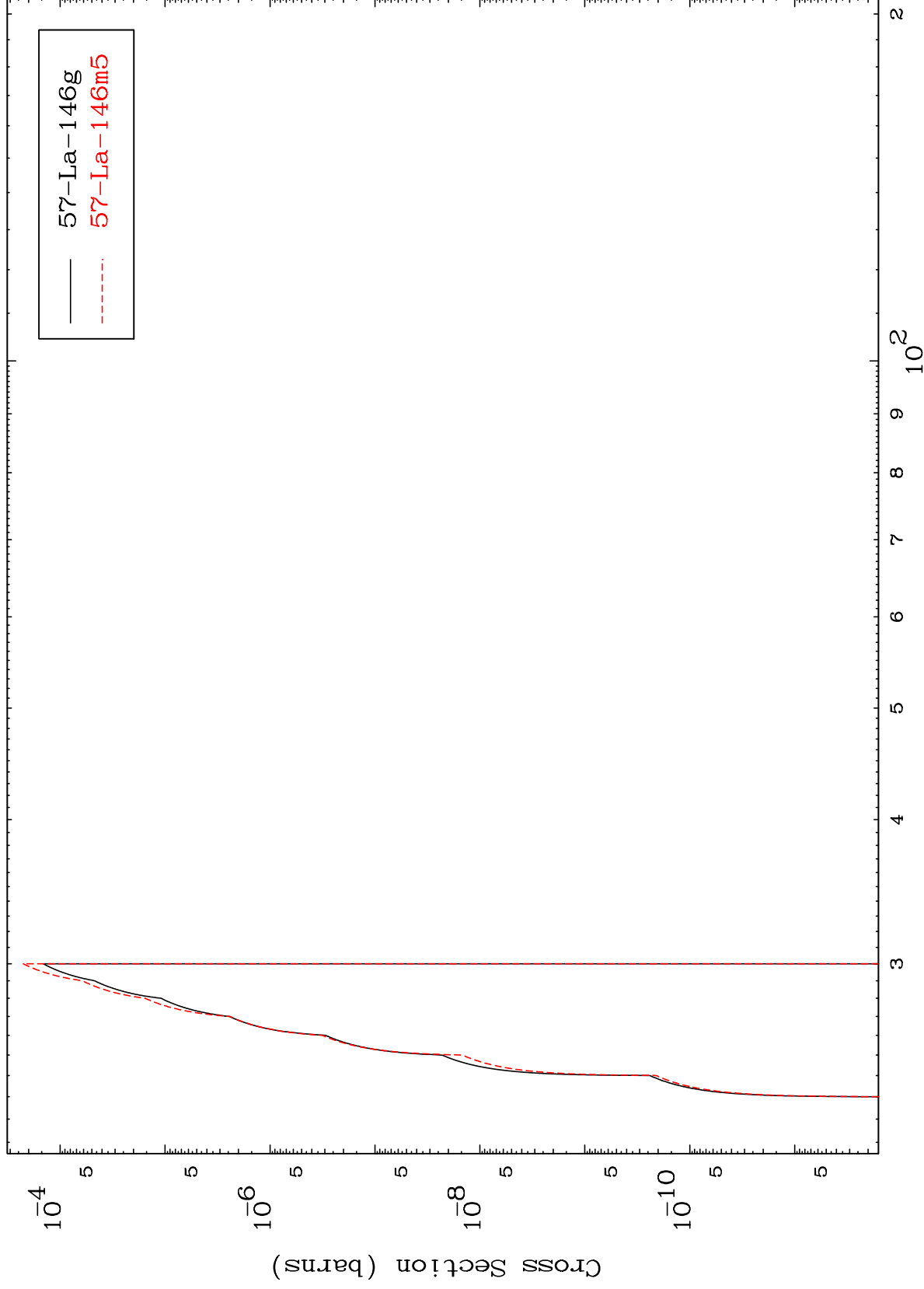
58-Ce-149

MAT 5864

(n,3n) p

58-Ce-149

Radionuclide Production Cross Section



134

Incident Energy (MeV)

58-Ce-149