

Program EVALPLOT
(Version 2018-1)

by

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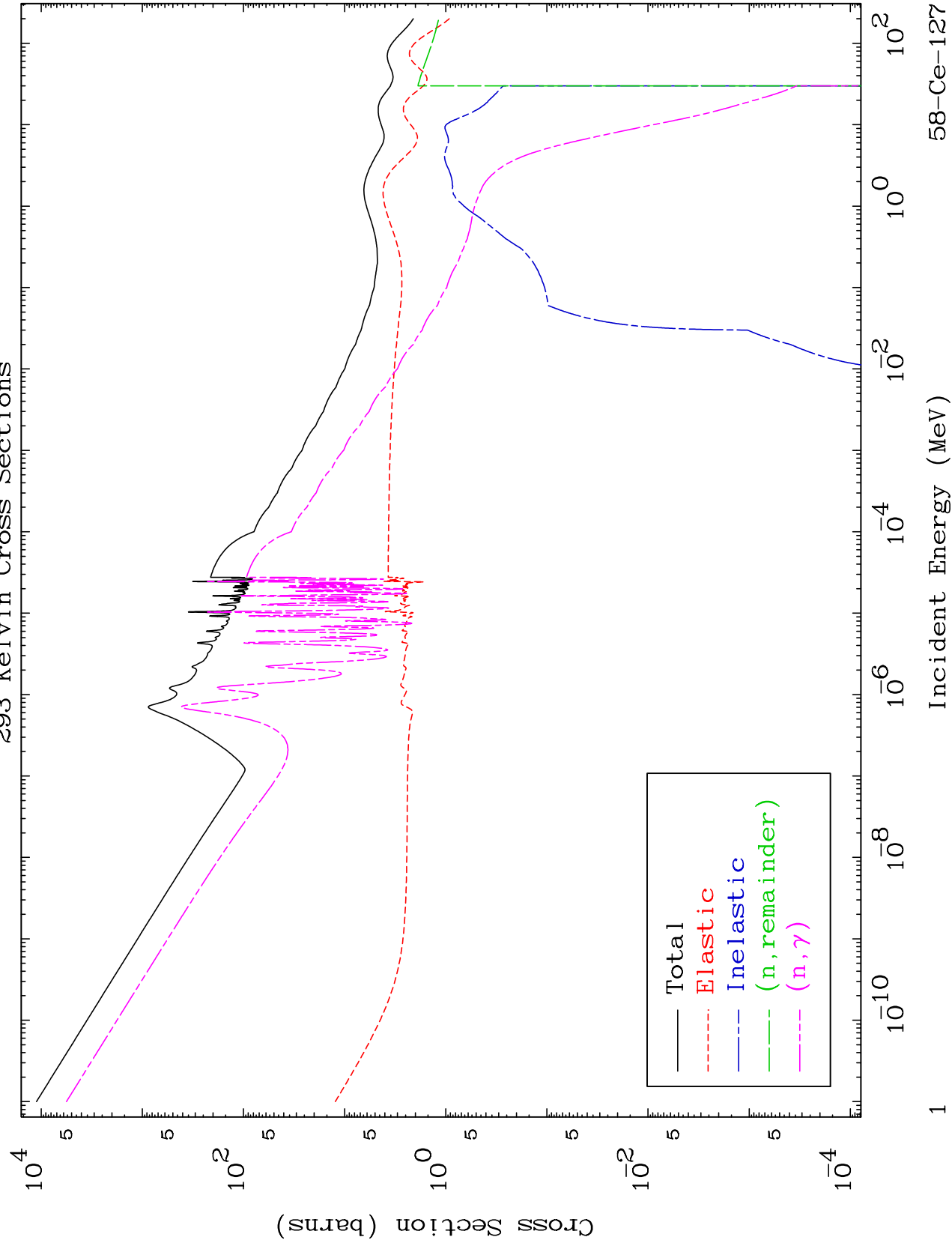
Press Mouse Button to Start

MAT 5798

Major

293 Kelvin Cross Sections

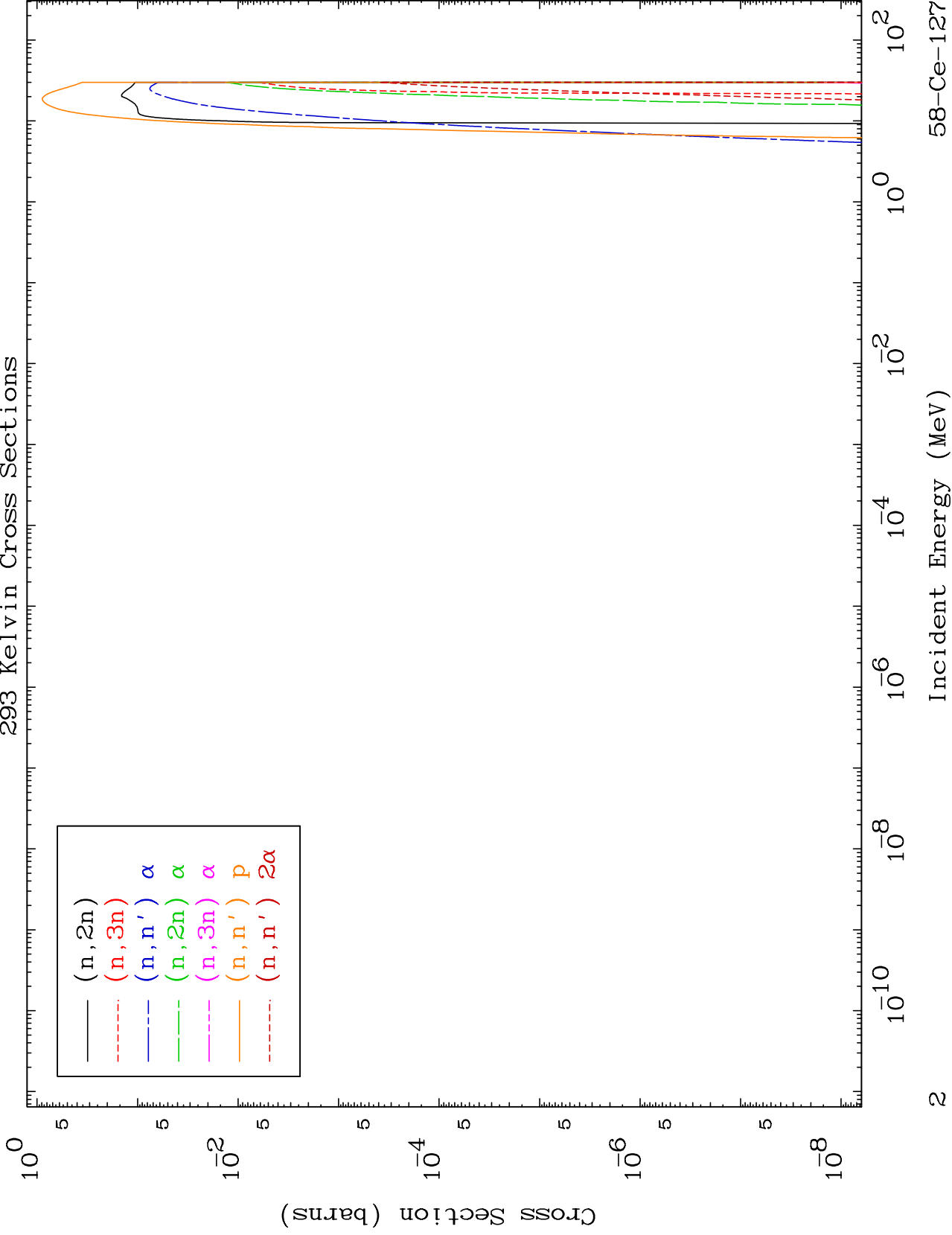
58-Ce-127

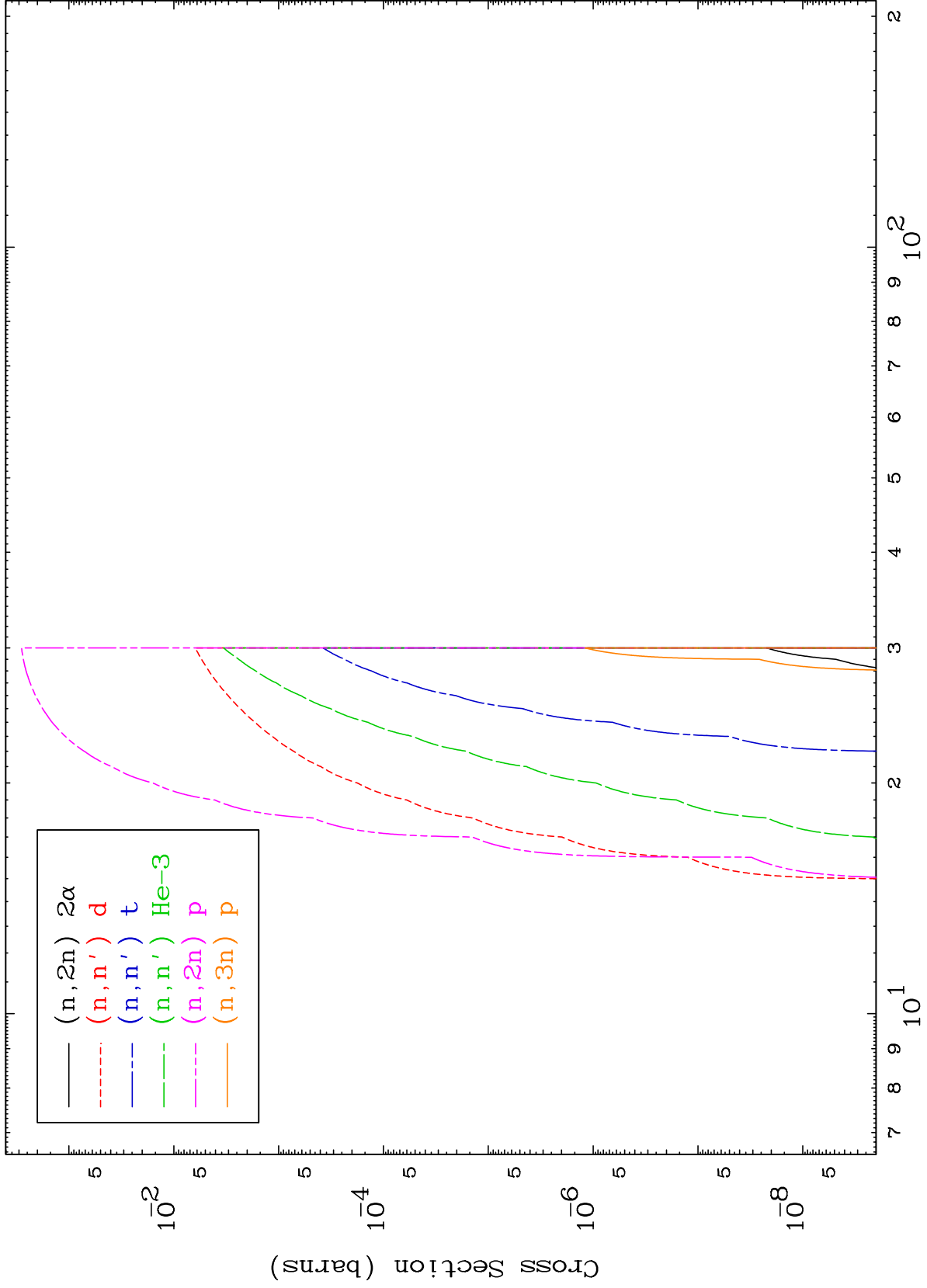


MAT 5798

Neutron Production
293 Kelvin Cross Sections

58-Ce-127

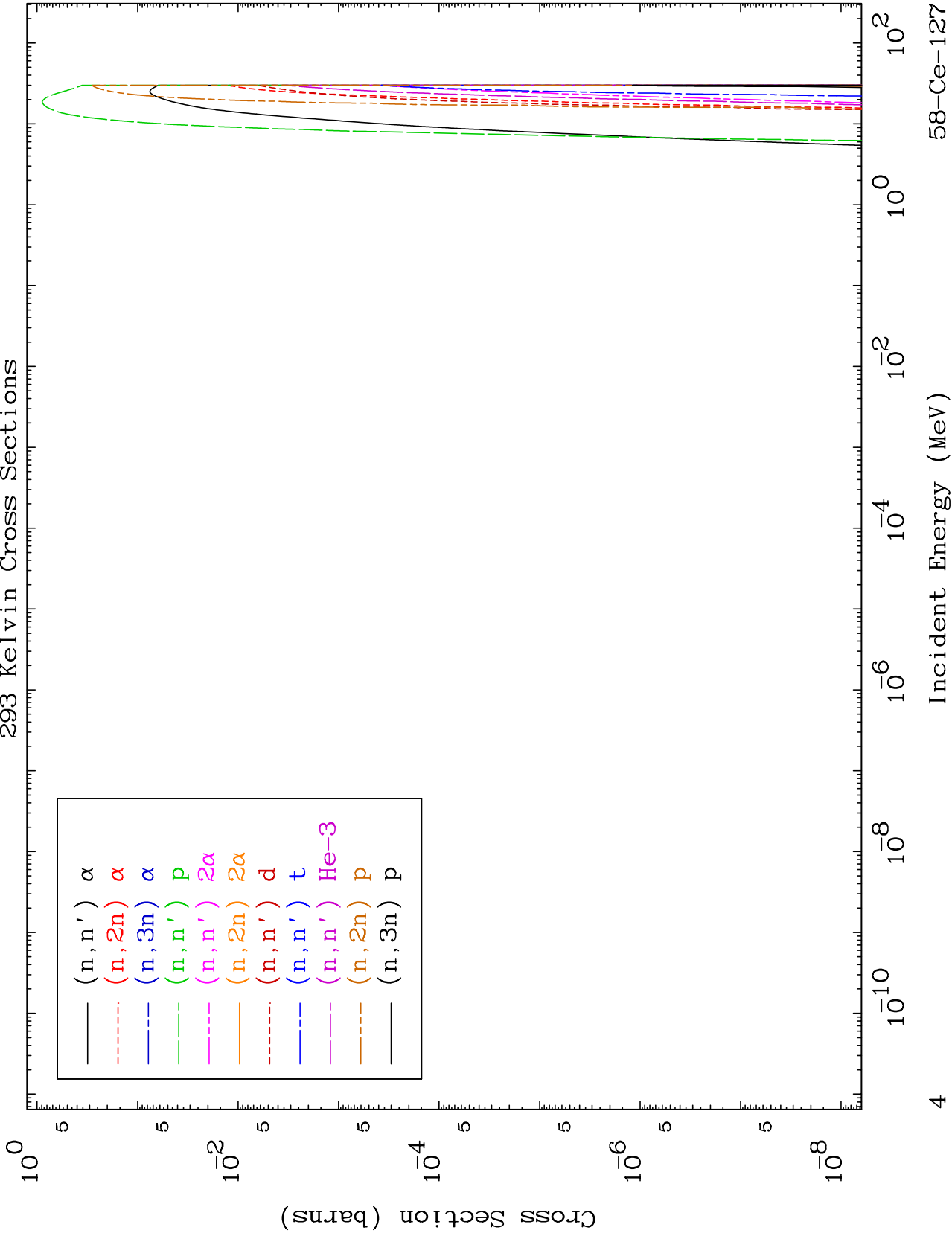




MAT 5798

Charged Particle
293 Kelvin Cross Sections

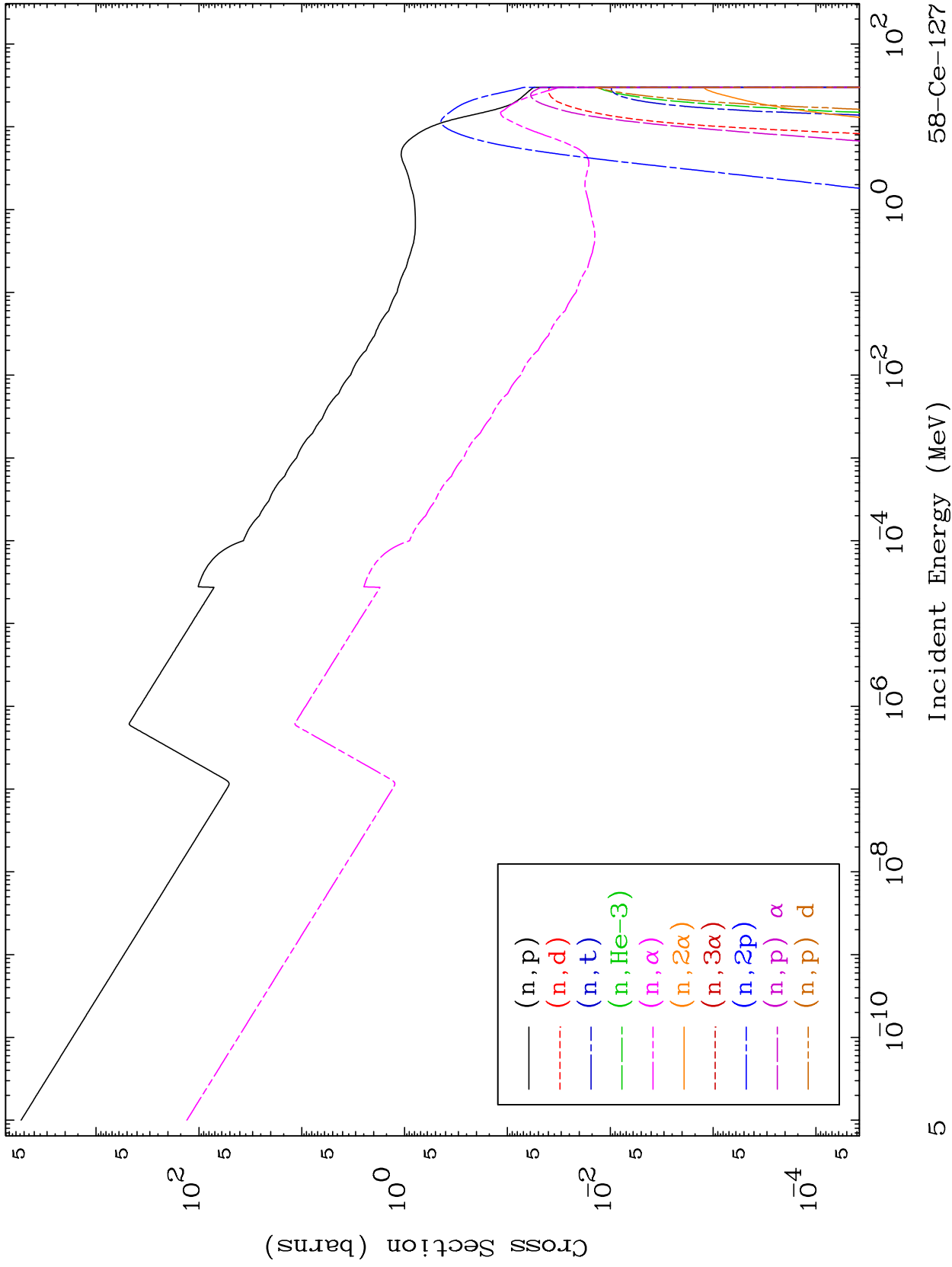
58-Ce-127



MAT 5798

Charged Particle
293 Kelvin Cross Sections

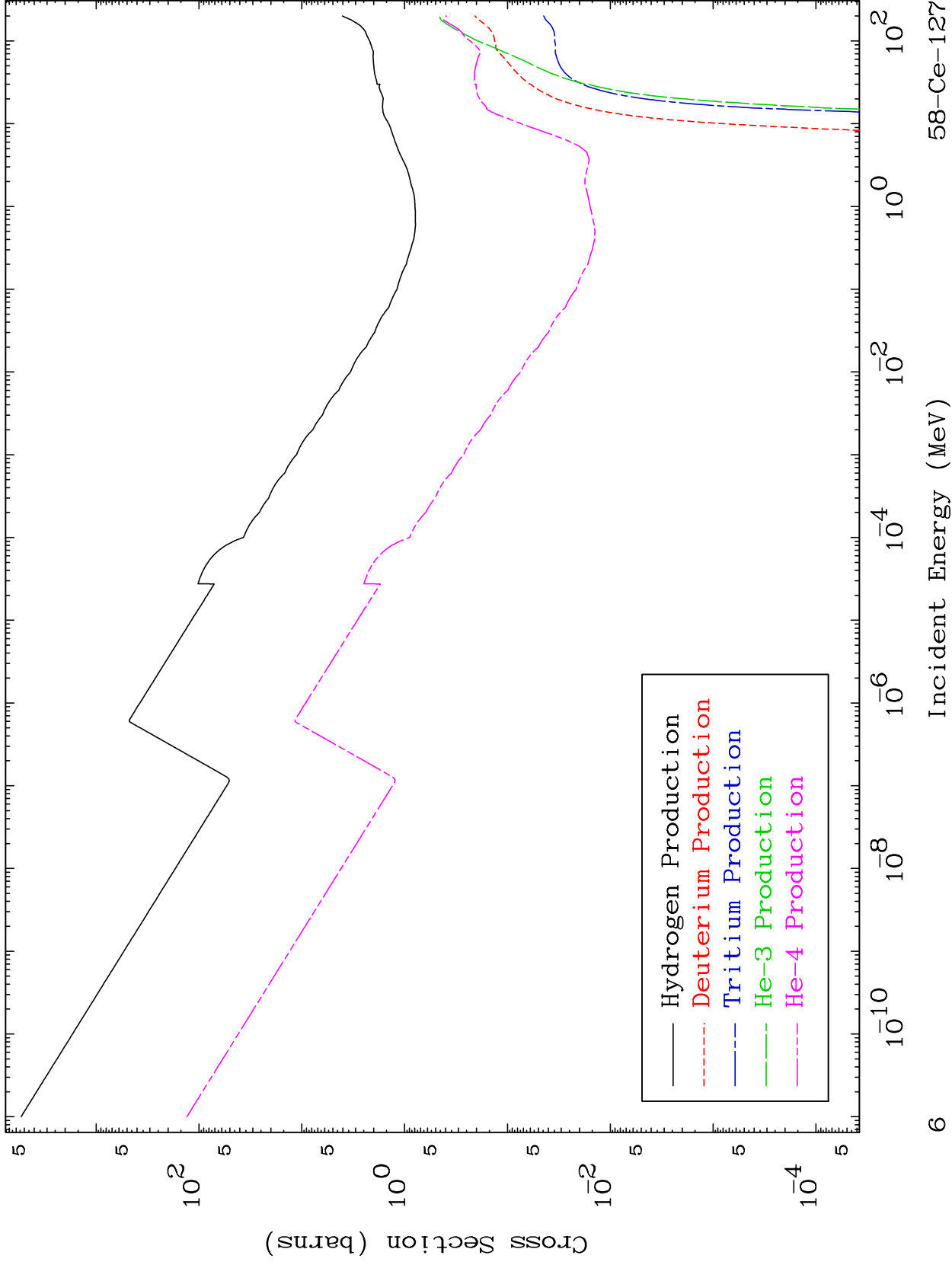
58-Ce-127



MAT 5798

Particle Production
293 Kelvin Cross Sections

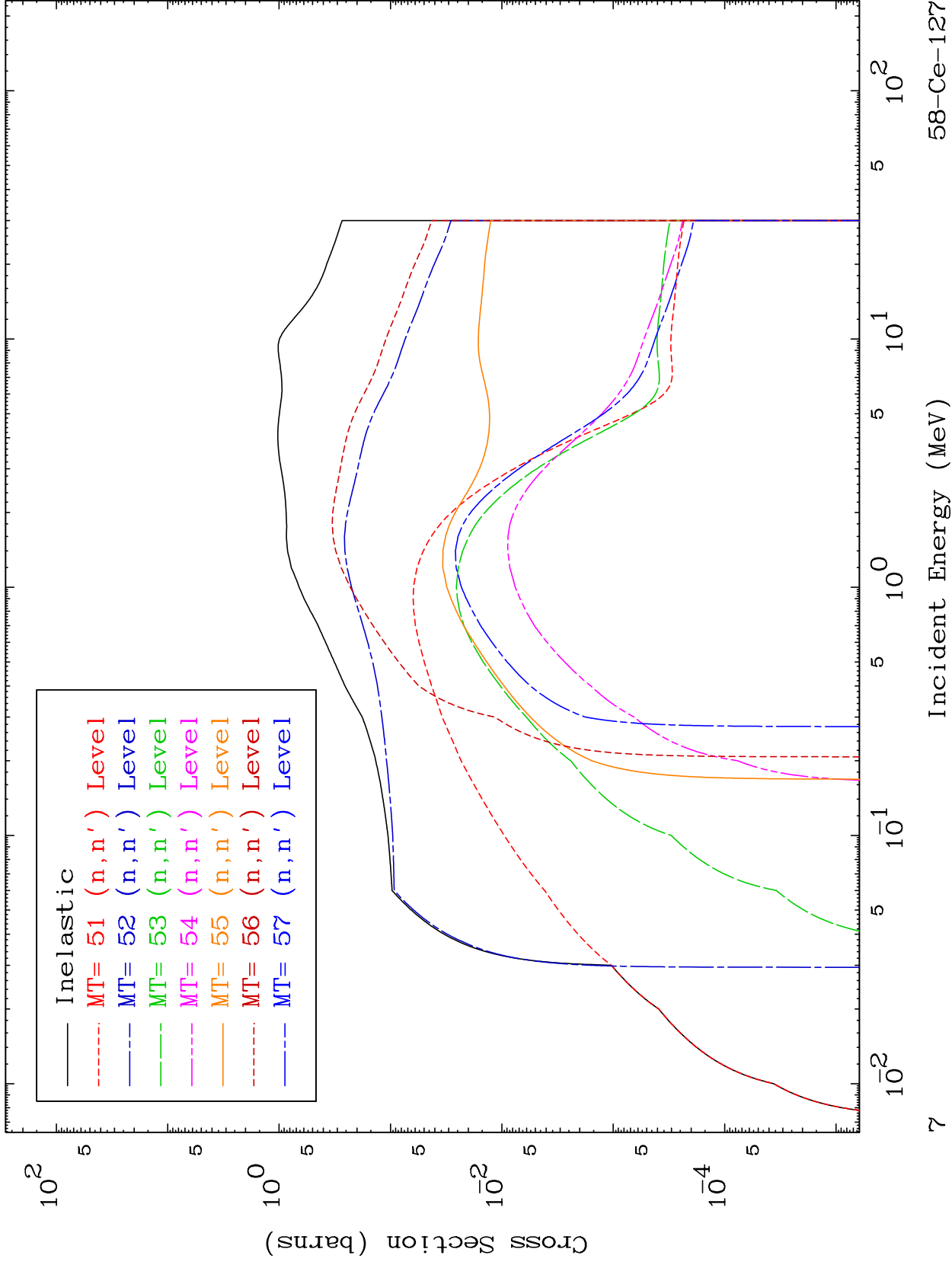
58-Ce-127



MAT 5798

(n,n') Level
293 Kelvin Cross Sections

58-Ce-127



58-Ce-127

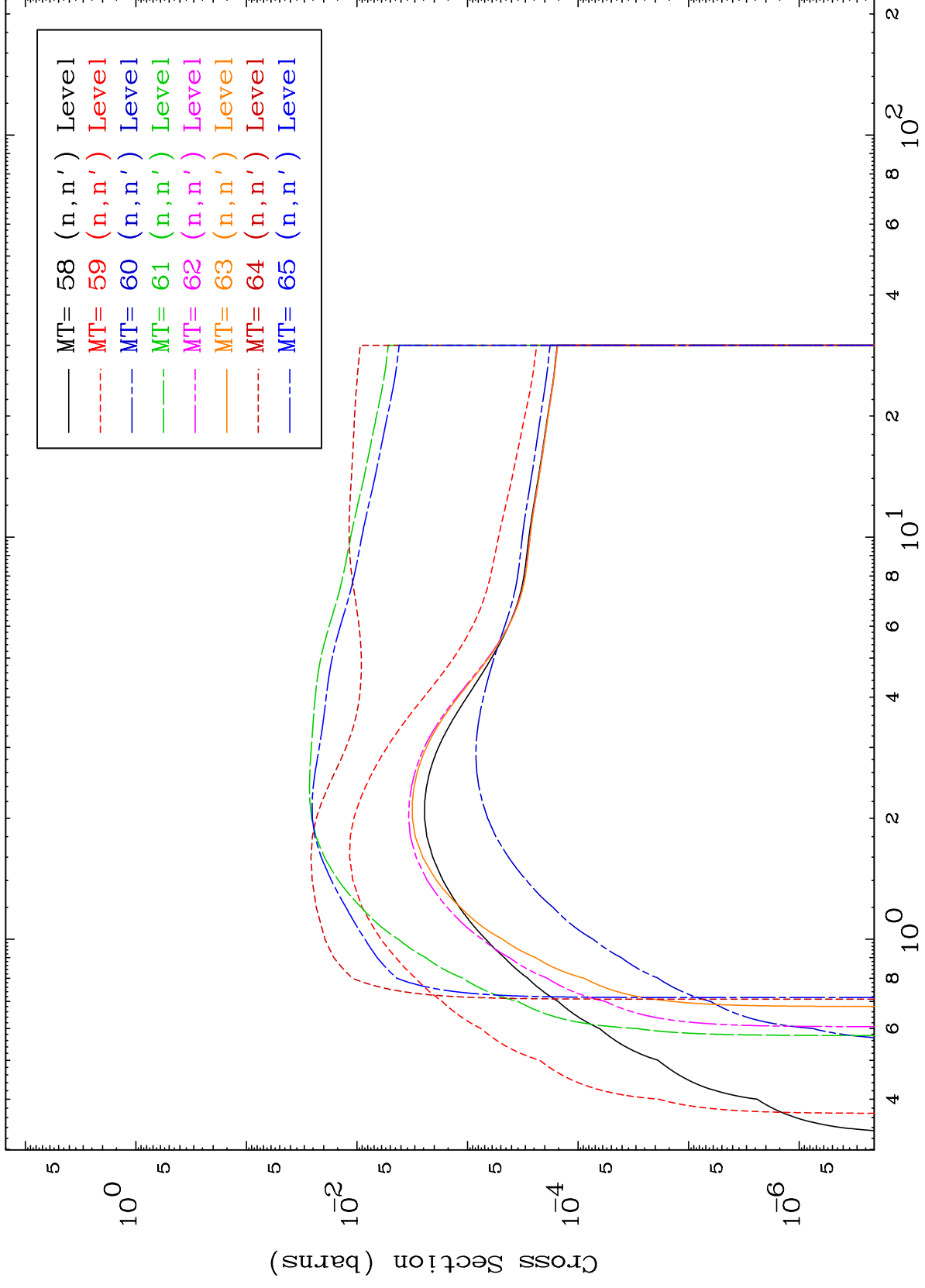
Incident Energy (MeV)

7

MAT 5798

(n,n') Level
293 Kelvin Cross Sections

58-Ce-127



8

Incident Energy (MeV)

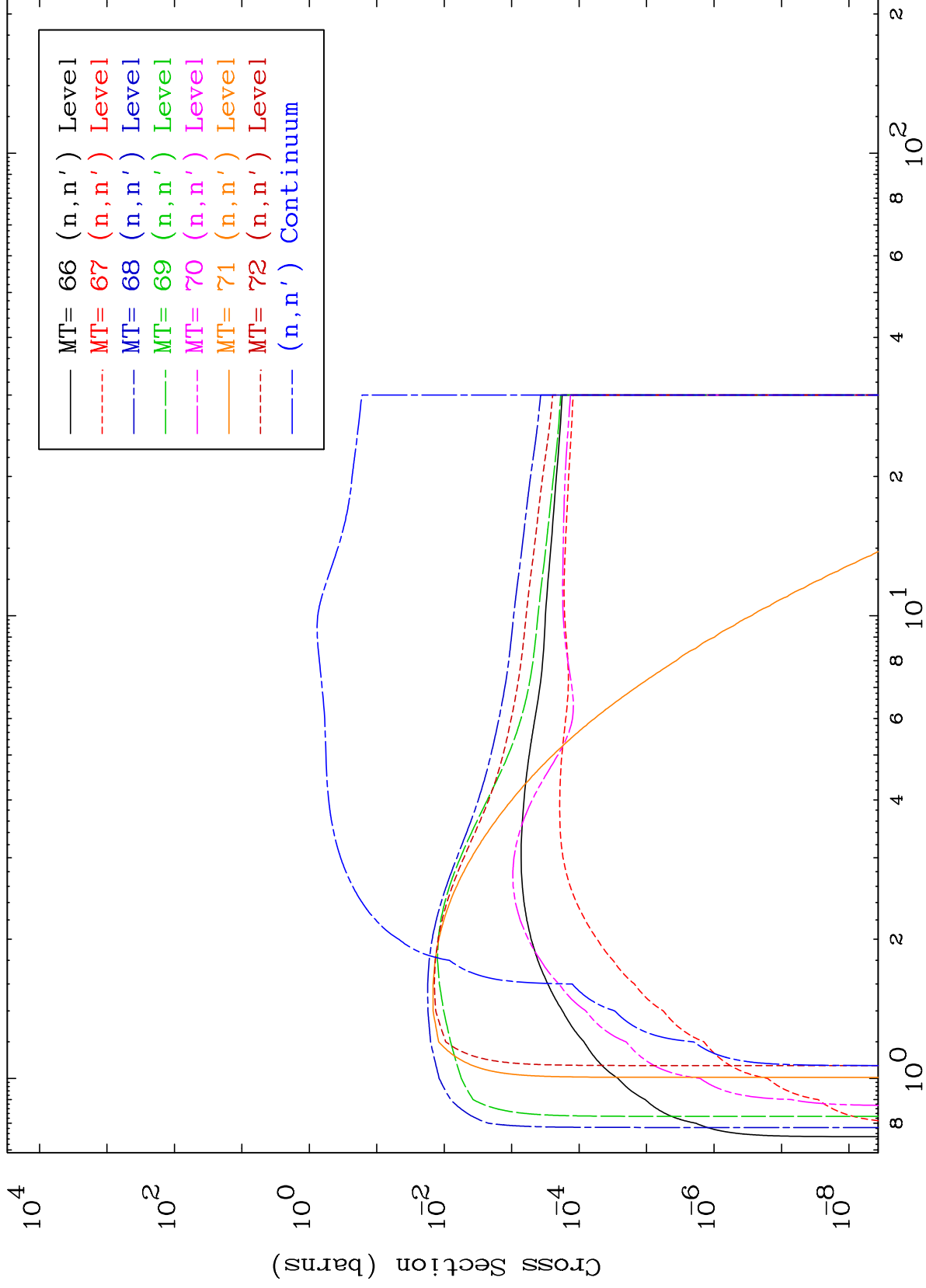
58-Ce-127

MAT 5798

(n,n') Level

58-Ce-127

293 Kelvin Cross Sections



9

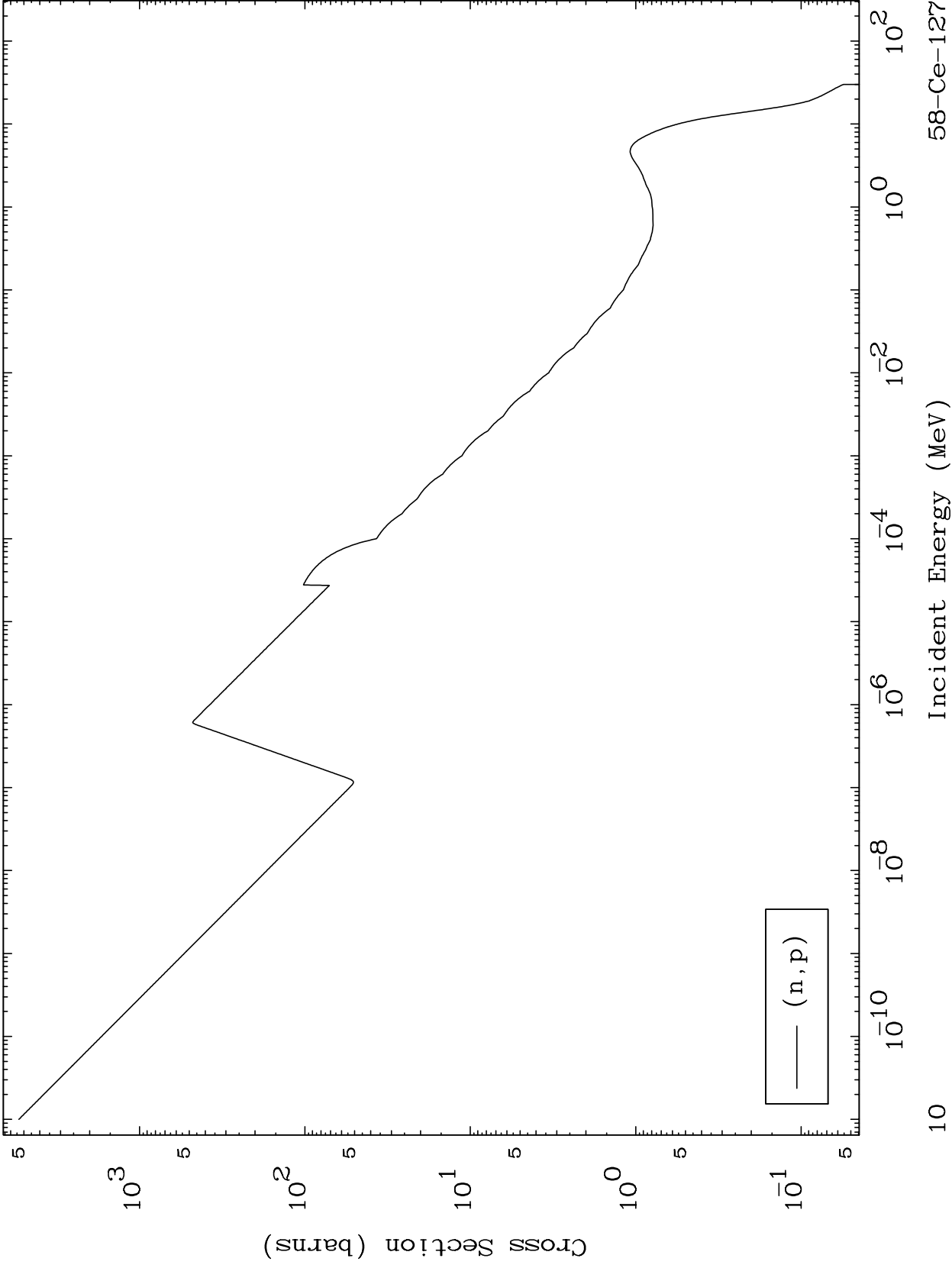
Incident Energy (MeV)

58-Ce-127

MAT 5798

(n,p) Levels
293 Kelvin Cross Sections

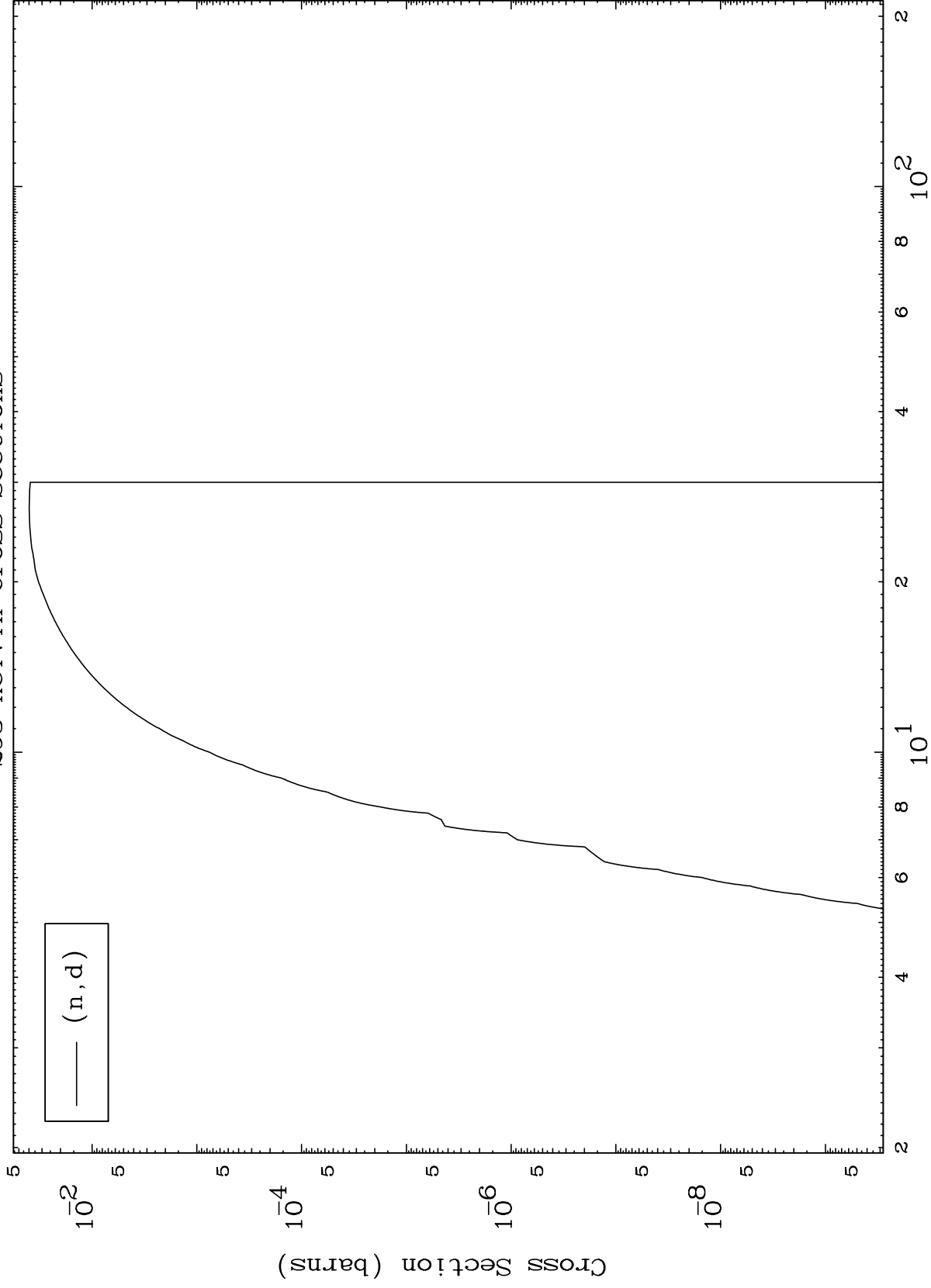
58-Ce-127



MAT 5798

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-127



11

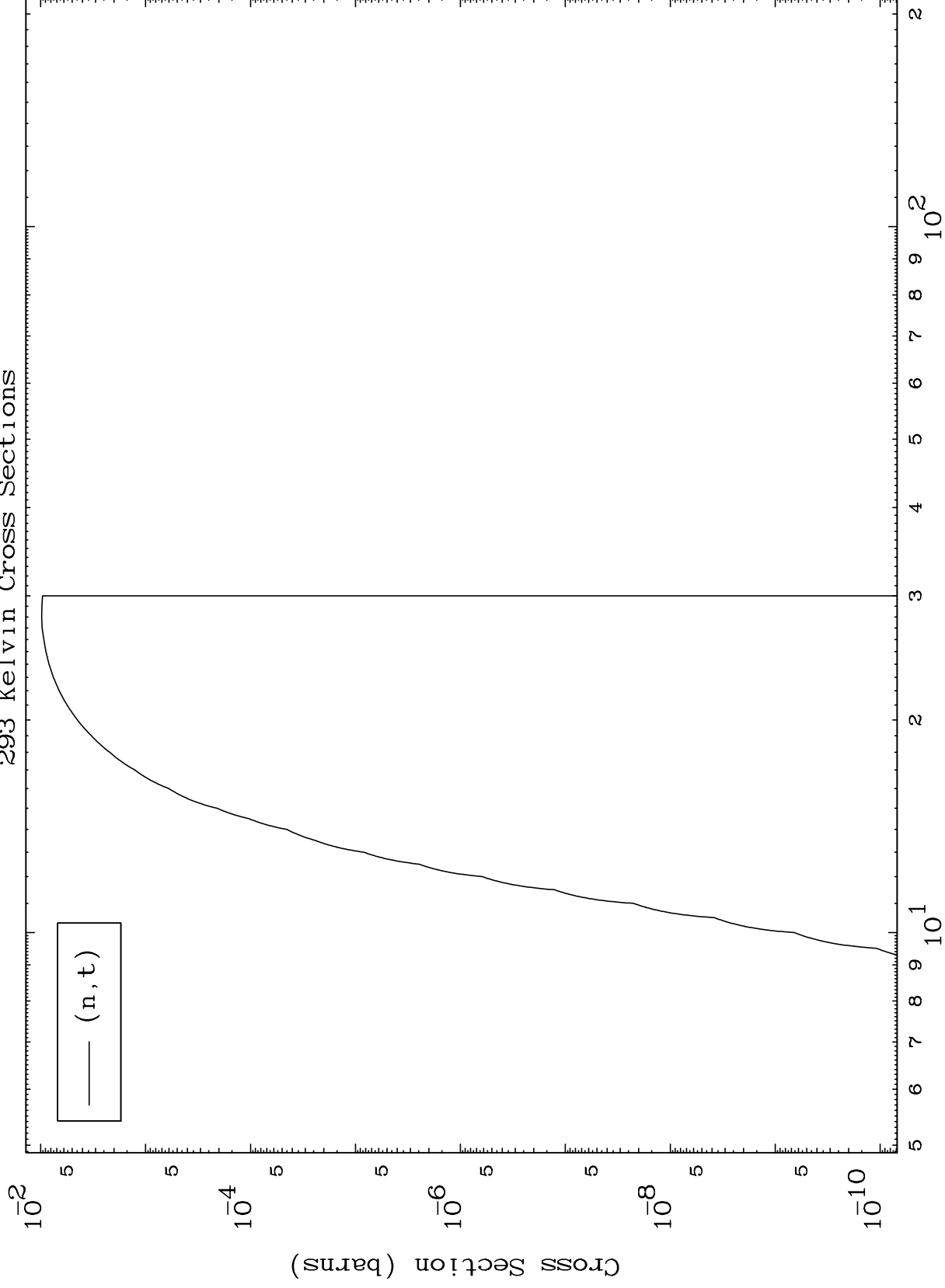
Incident Energy (MeV)

58-Ce-127

MAT 5798

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-127



12

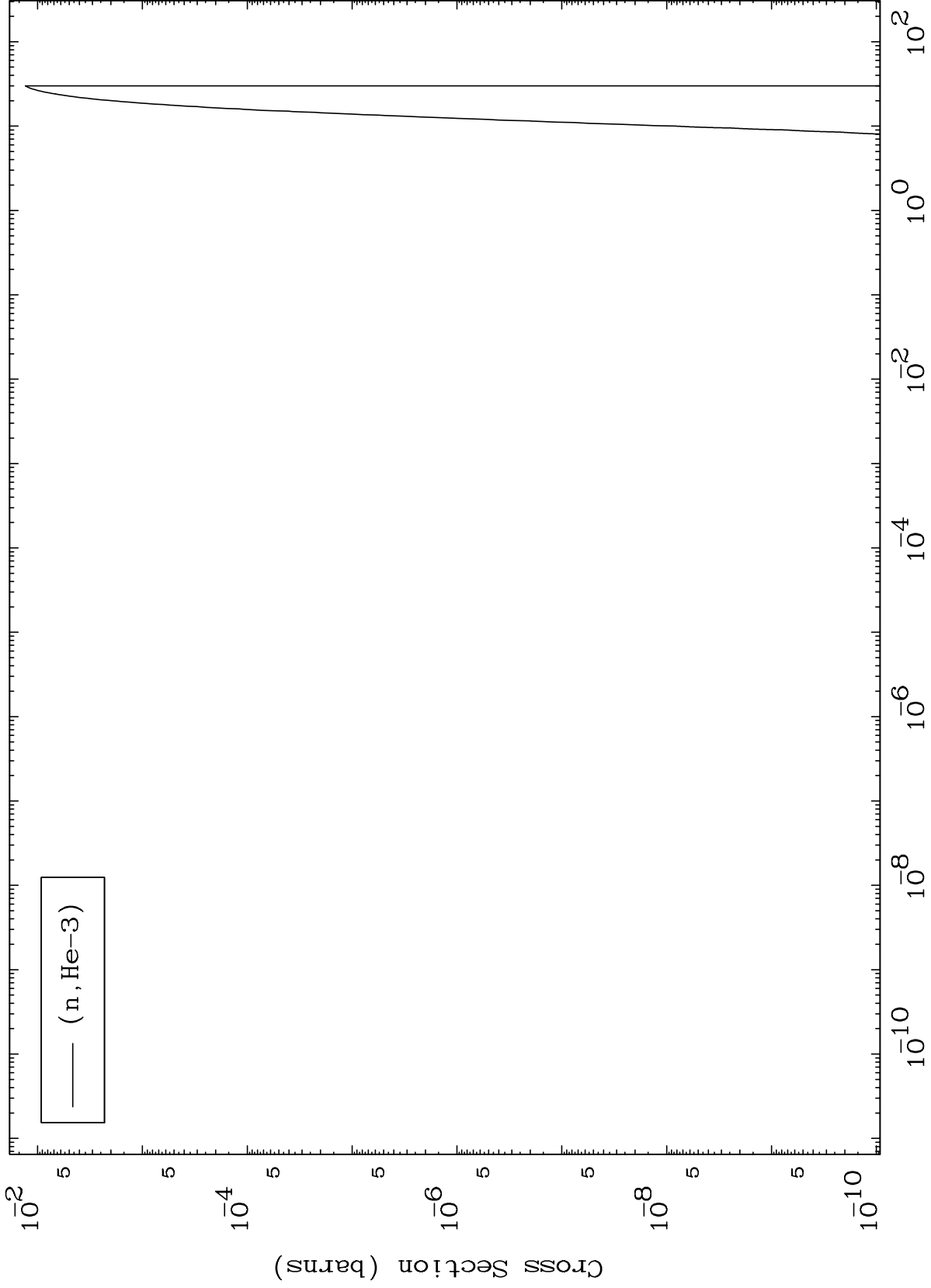
Incident Energy (MeV)

58-Ce-127

MAT 5798

(n,He3) Levels
293 Kelvin Cross Sections

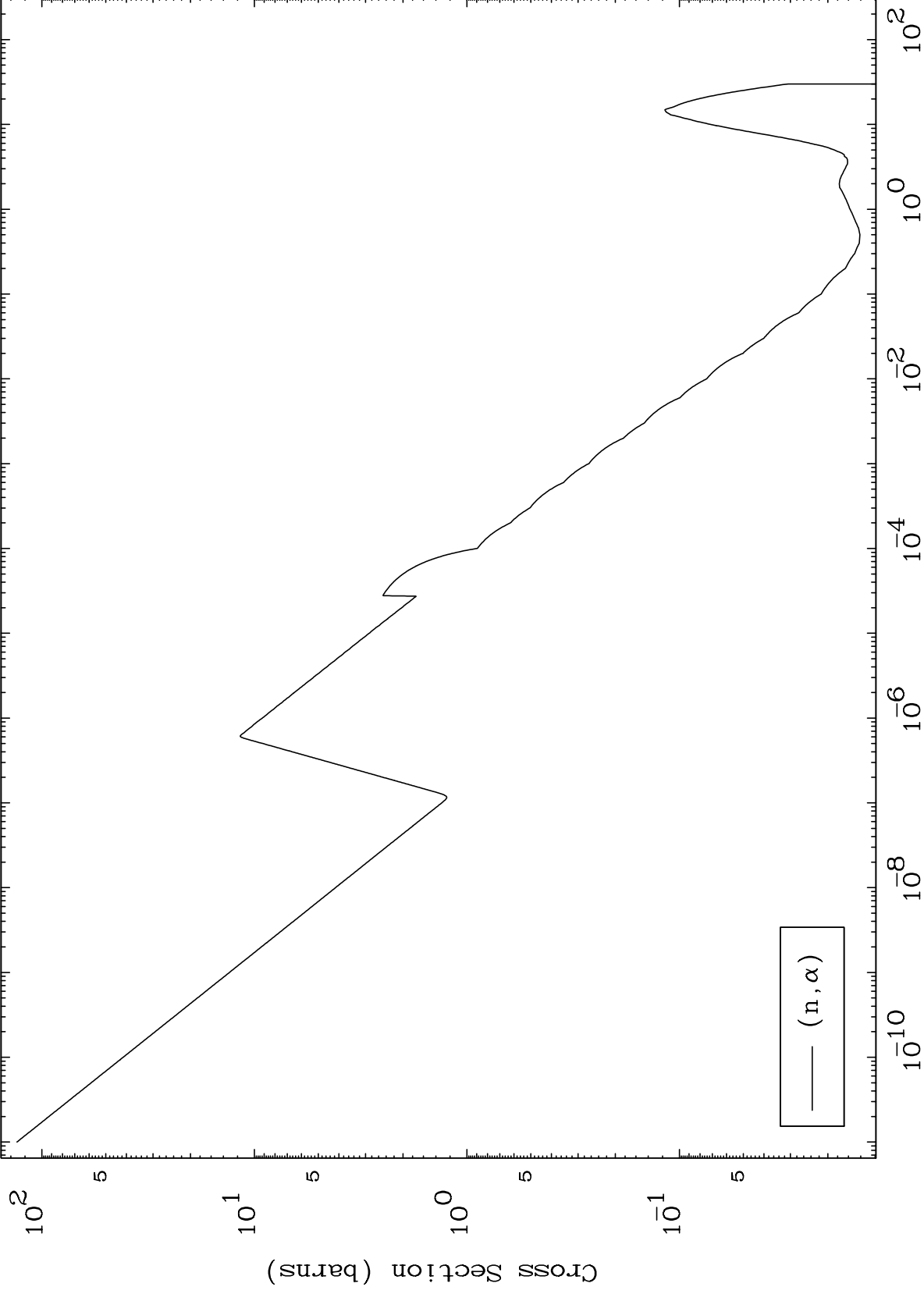
58-Ce-127



MAT 5798

(n,α) Levels
293 Kelvin Cross Sections

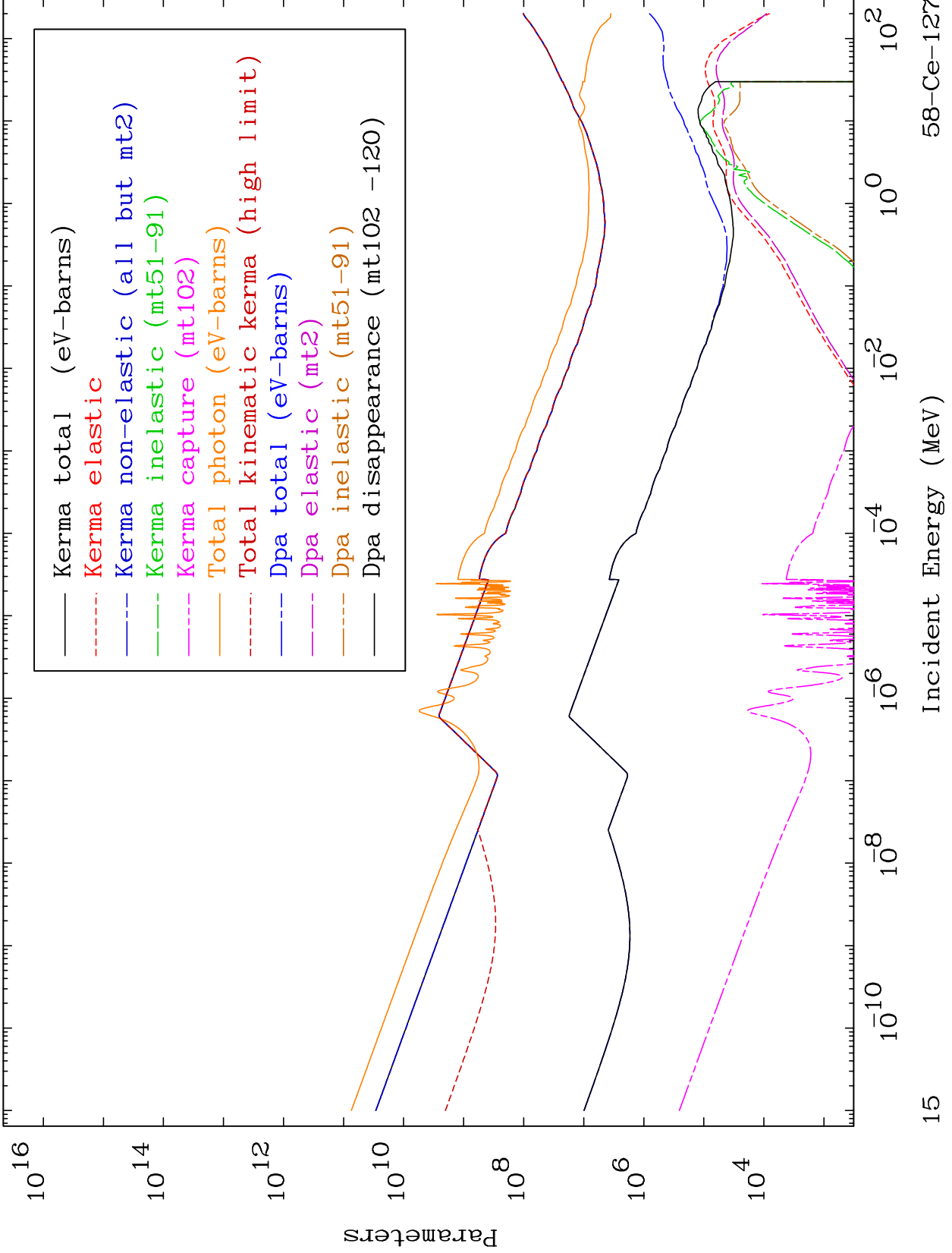
58-Ce-127



14

Incident Energy (MeV)

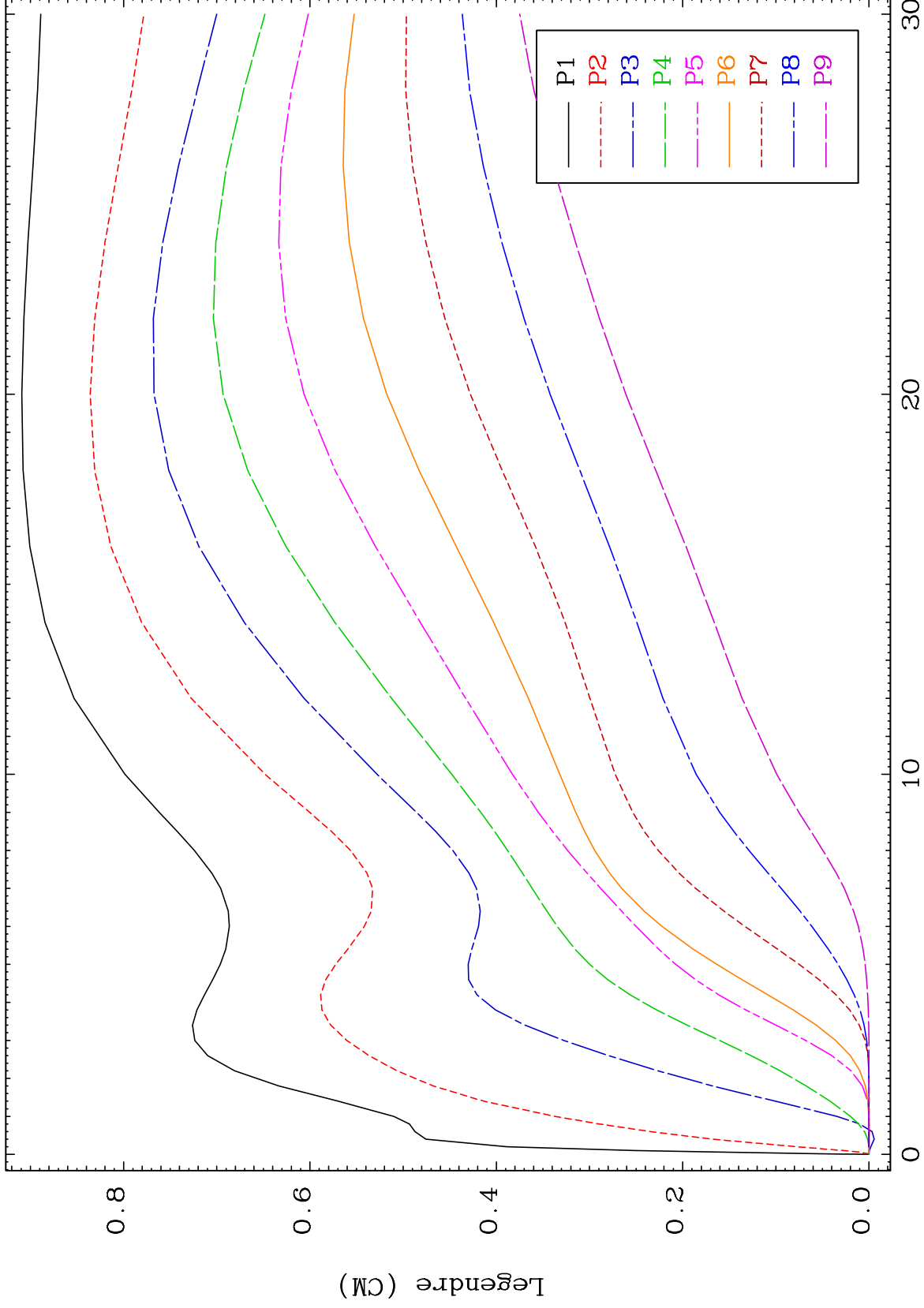
58-Ce-127



MAT 5798

Elastic Legendre Coefficients

58-Ce-127



16

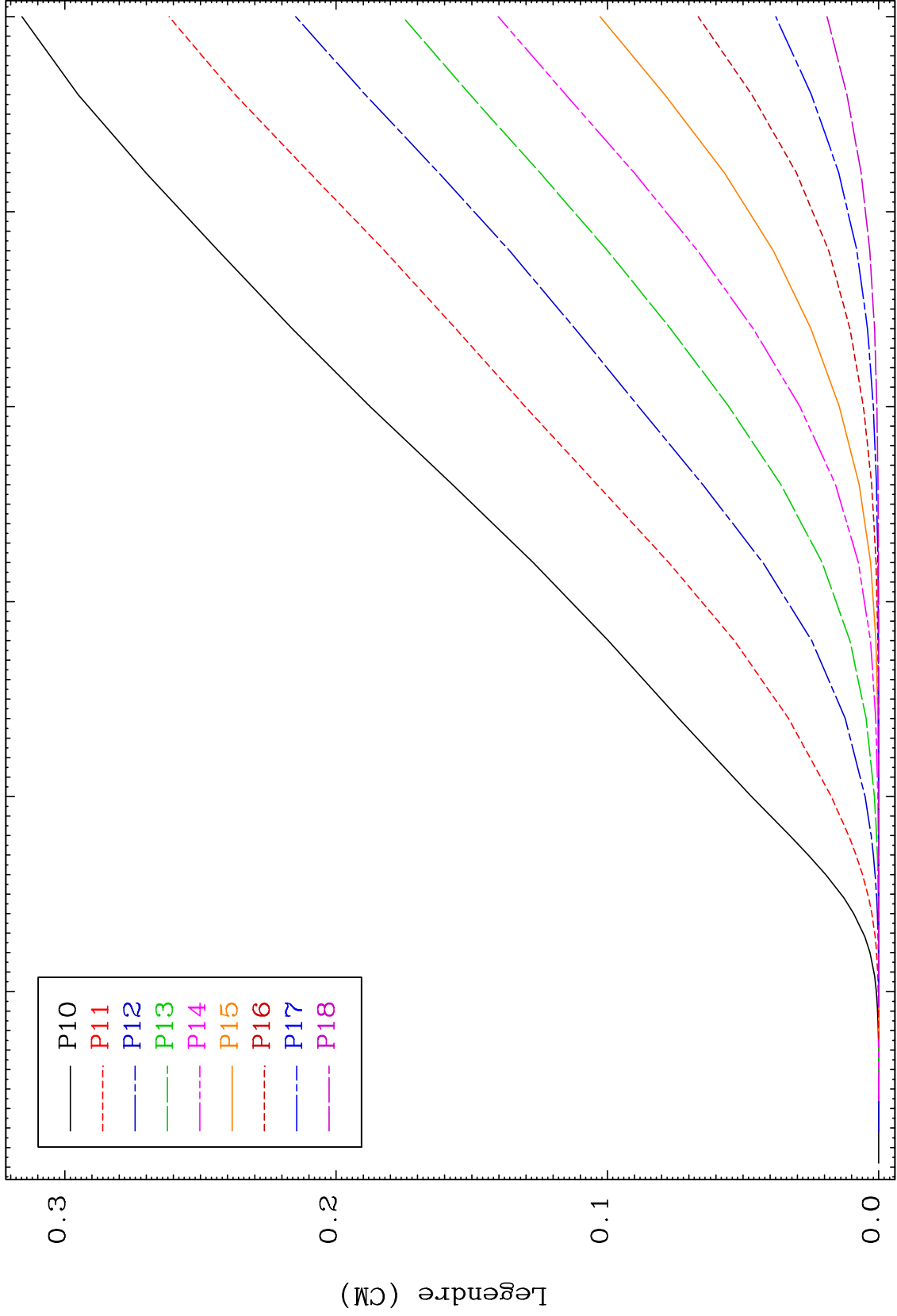
Incident Energy (MeV)

58-Ce-127

MAT 5798

Elastic
Legendre Coefficients

58-Ce-127



17

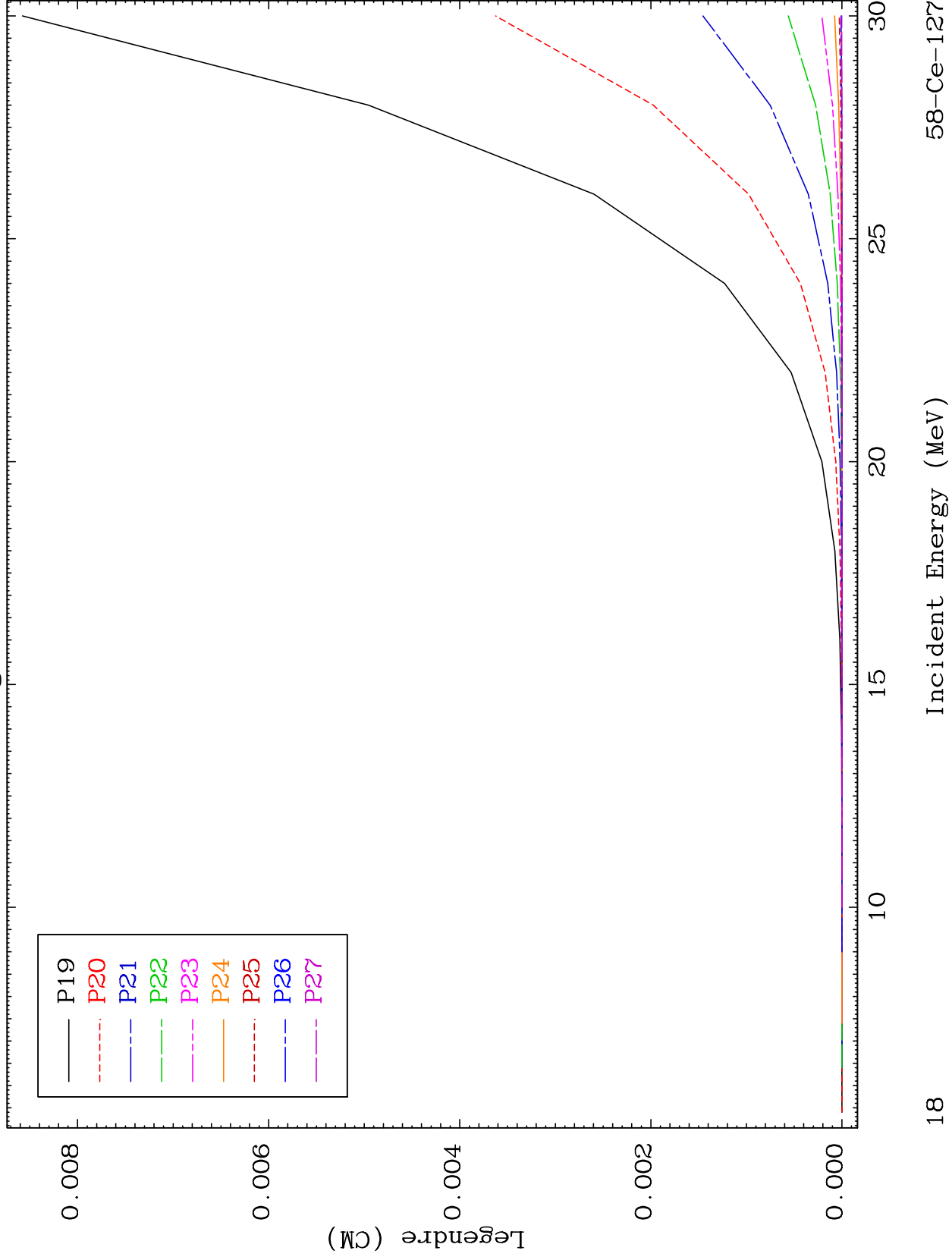
Incident Energy (MeV)

58-Ce-127

MAT 5798

Elastic Legendre Coefficients

58-Ce-127



18

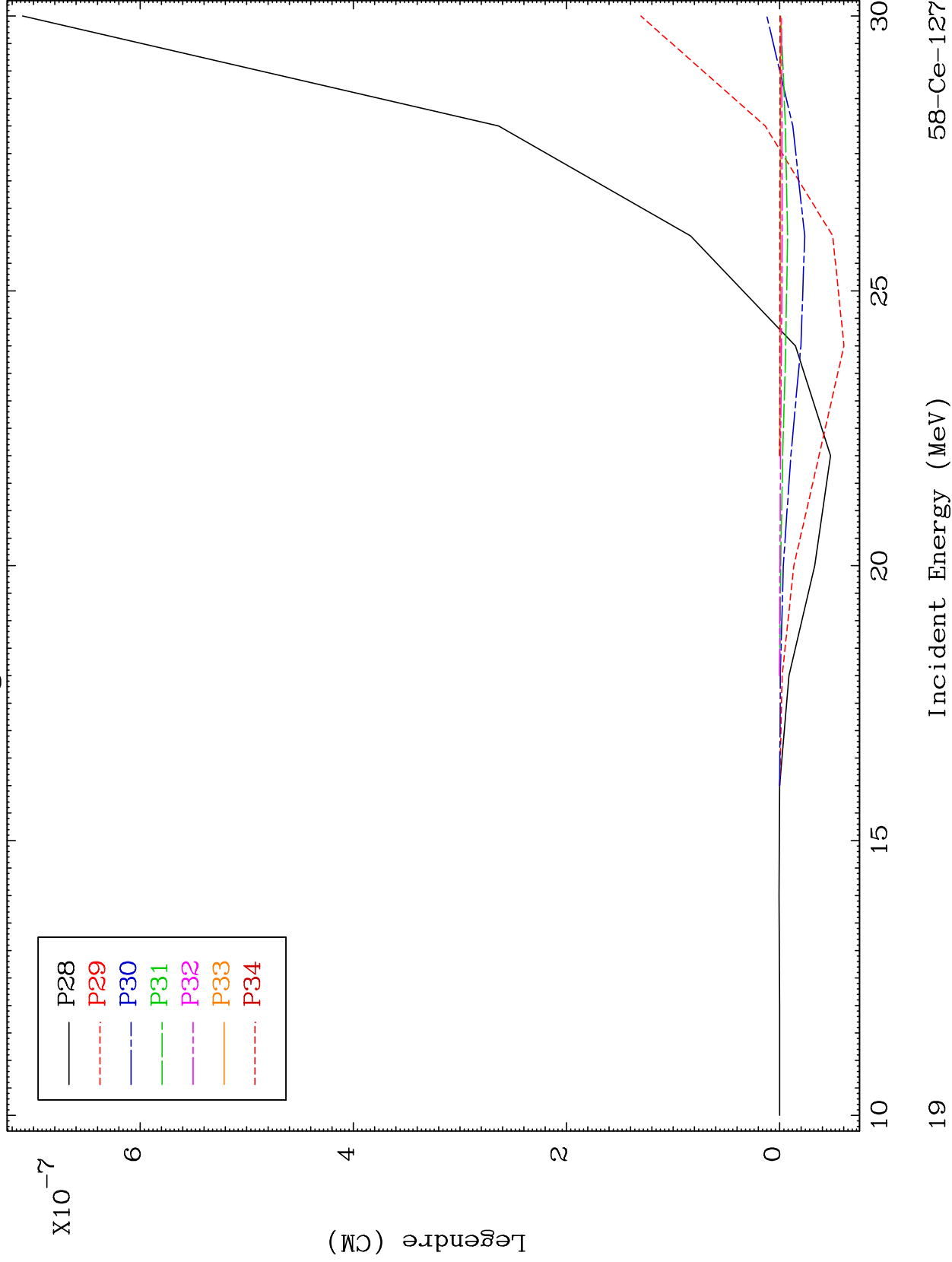
Incident Energy (MeV)

58-Ce-127

MAT 5798

Elastic
Legendre Coefficients

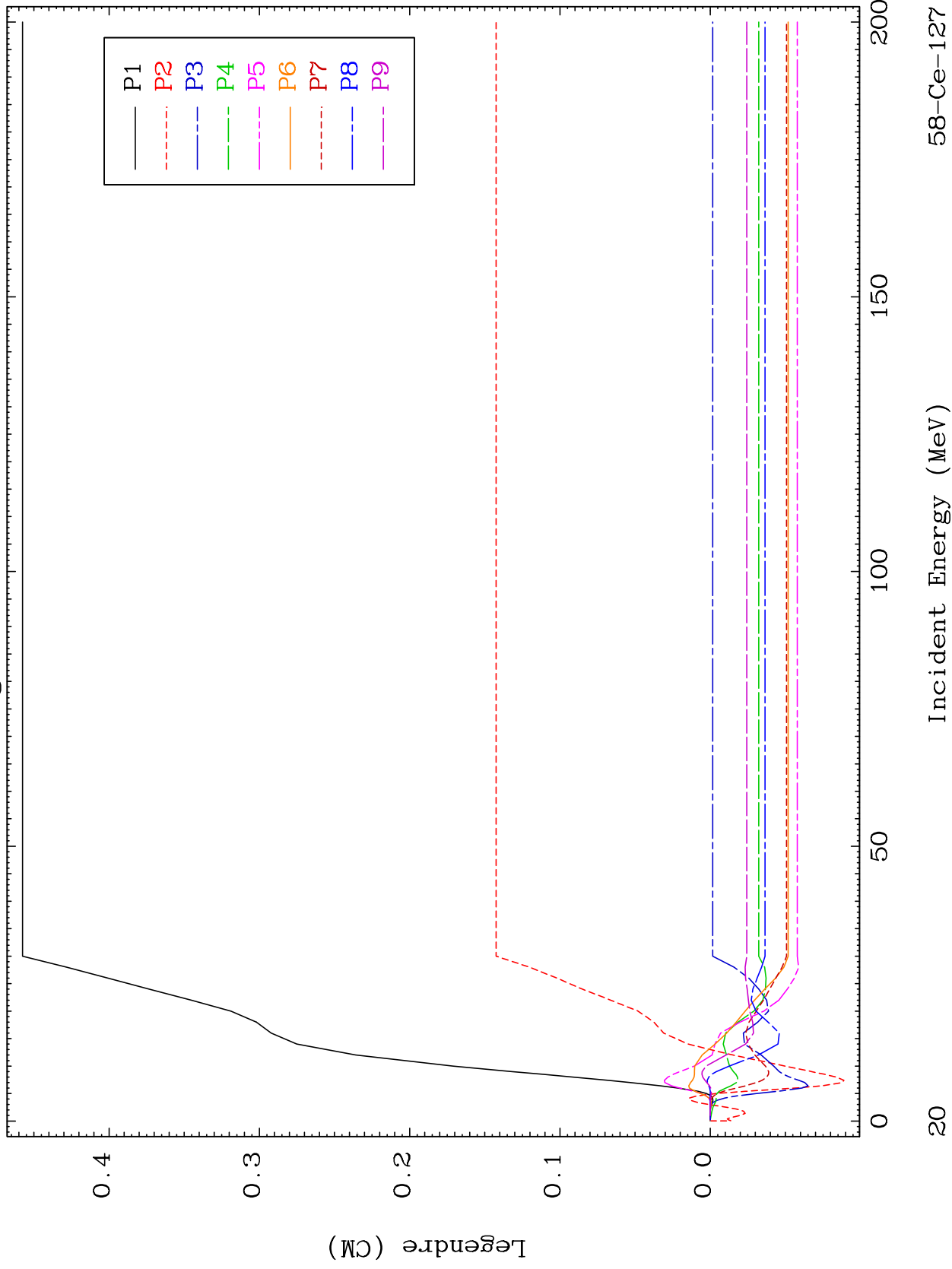
58-Ce-127



MAT 5798

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

58-Ce-127



58-Ce-127

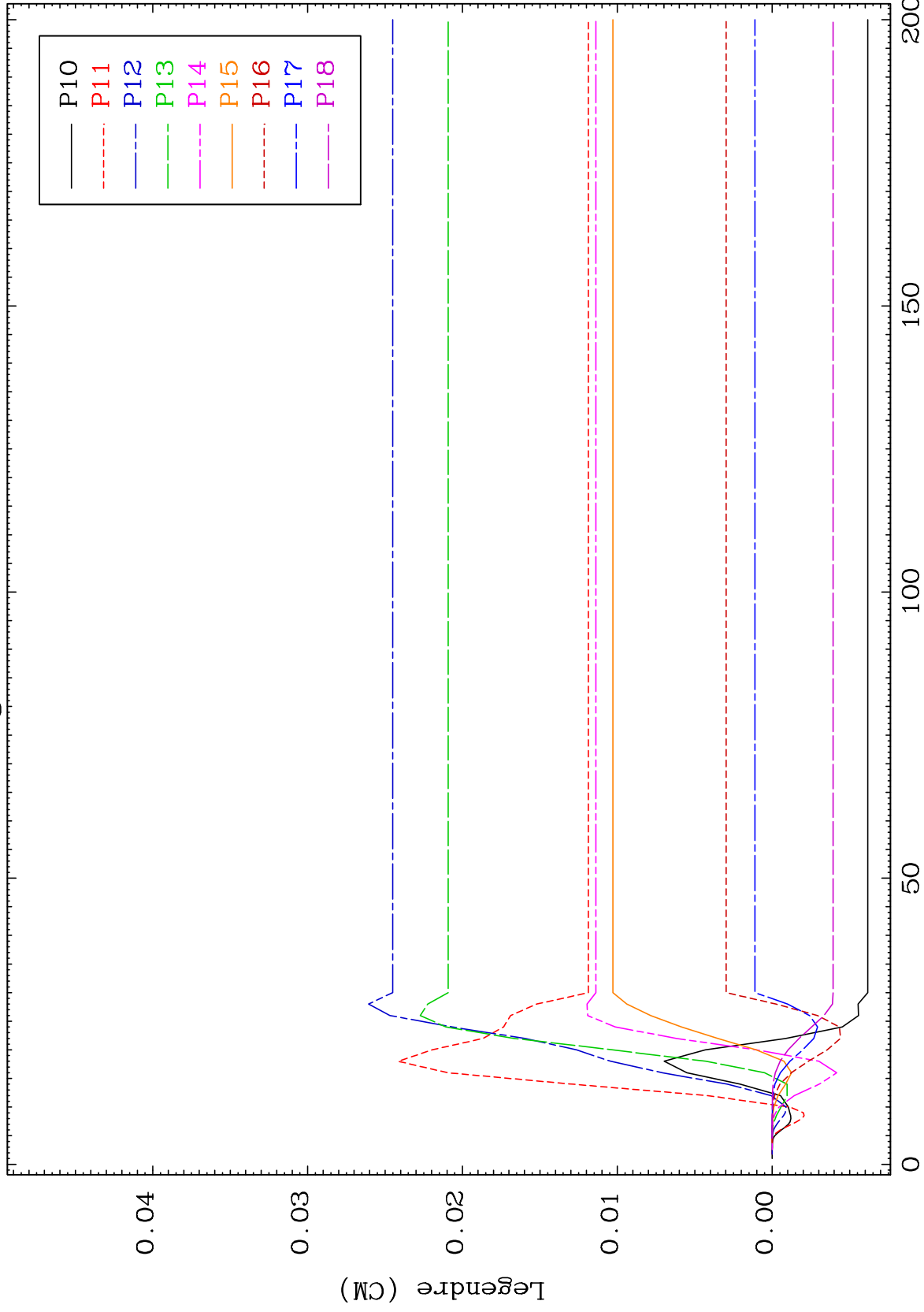
Incident Energy (MeV)

0

MAT 5798

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

58-Ce-127



21

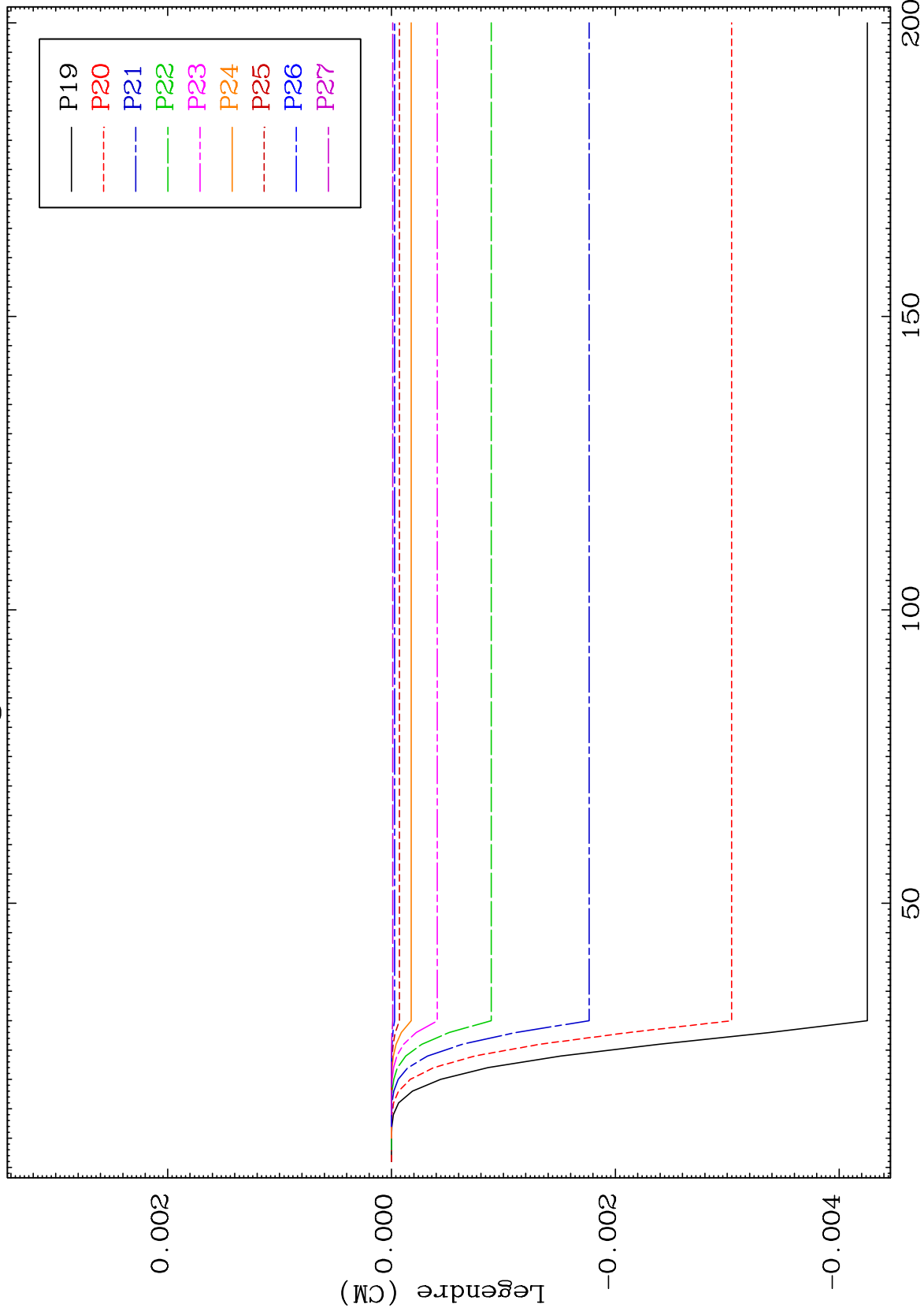
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



22

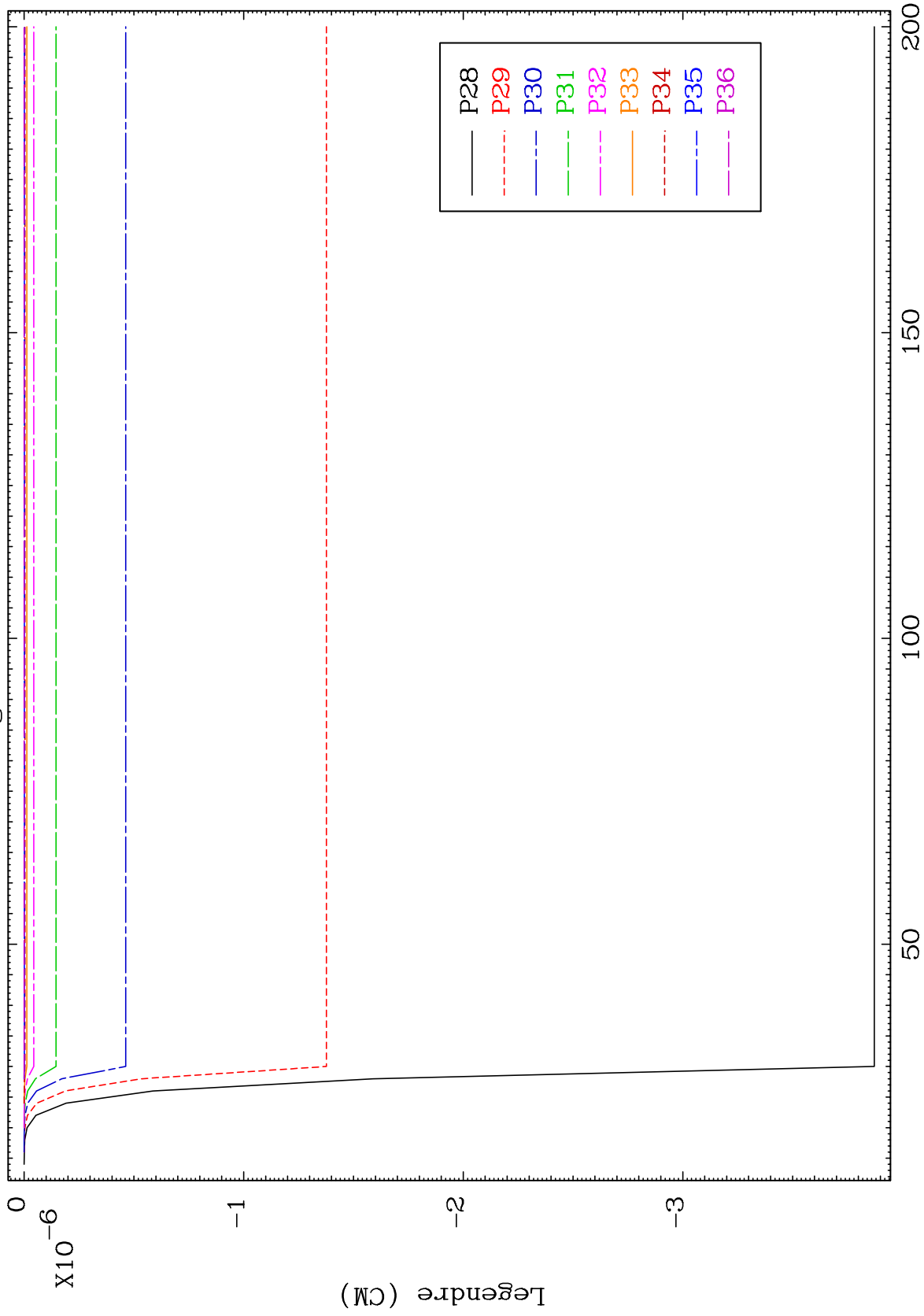
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



23

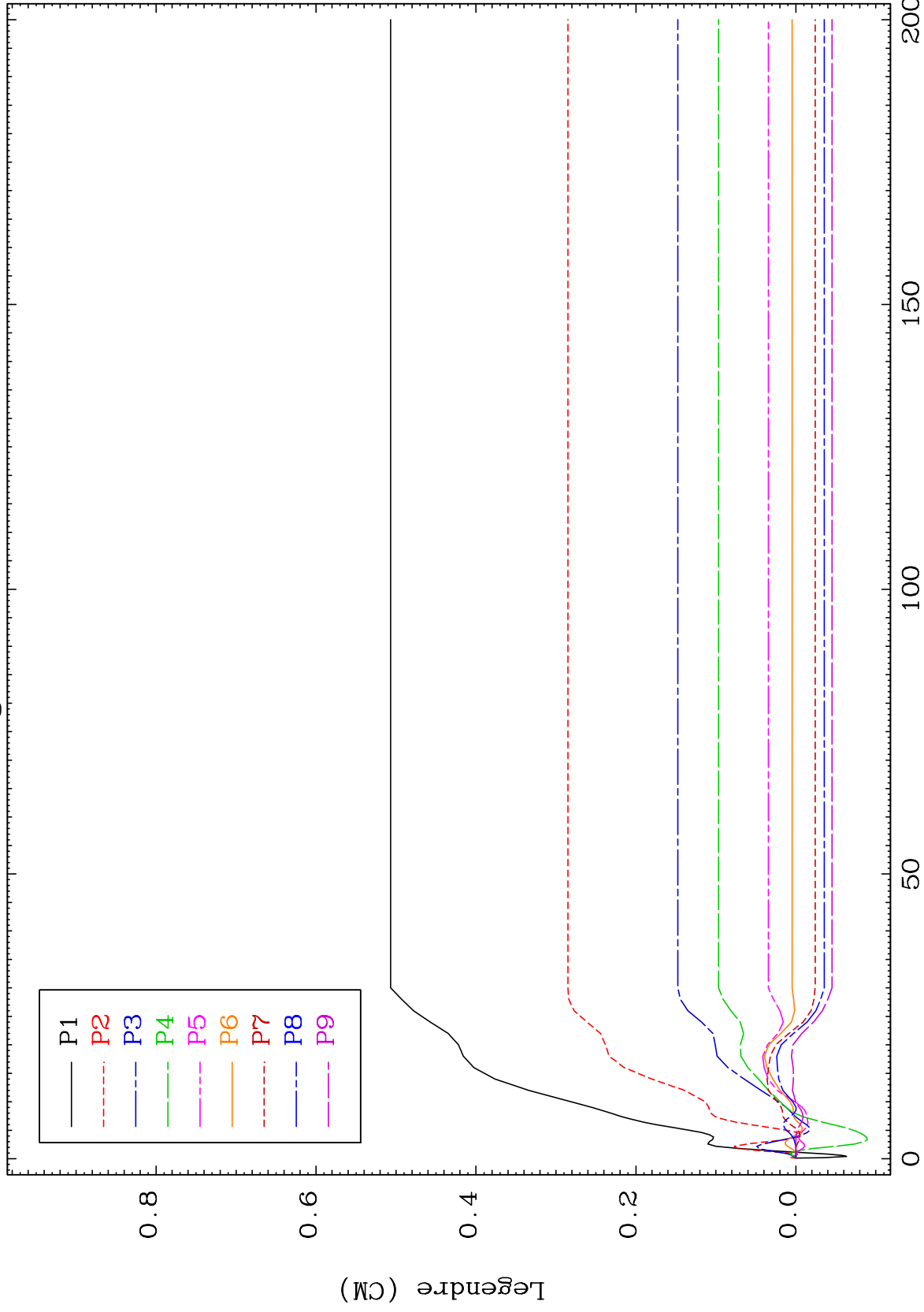
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



24

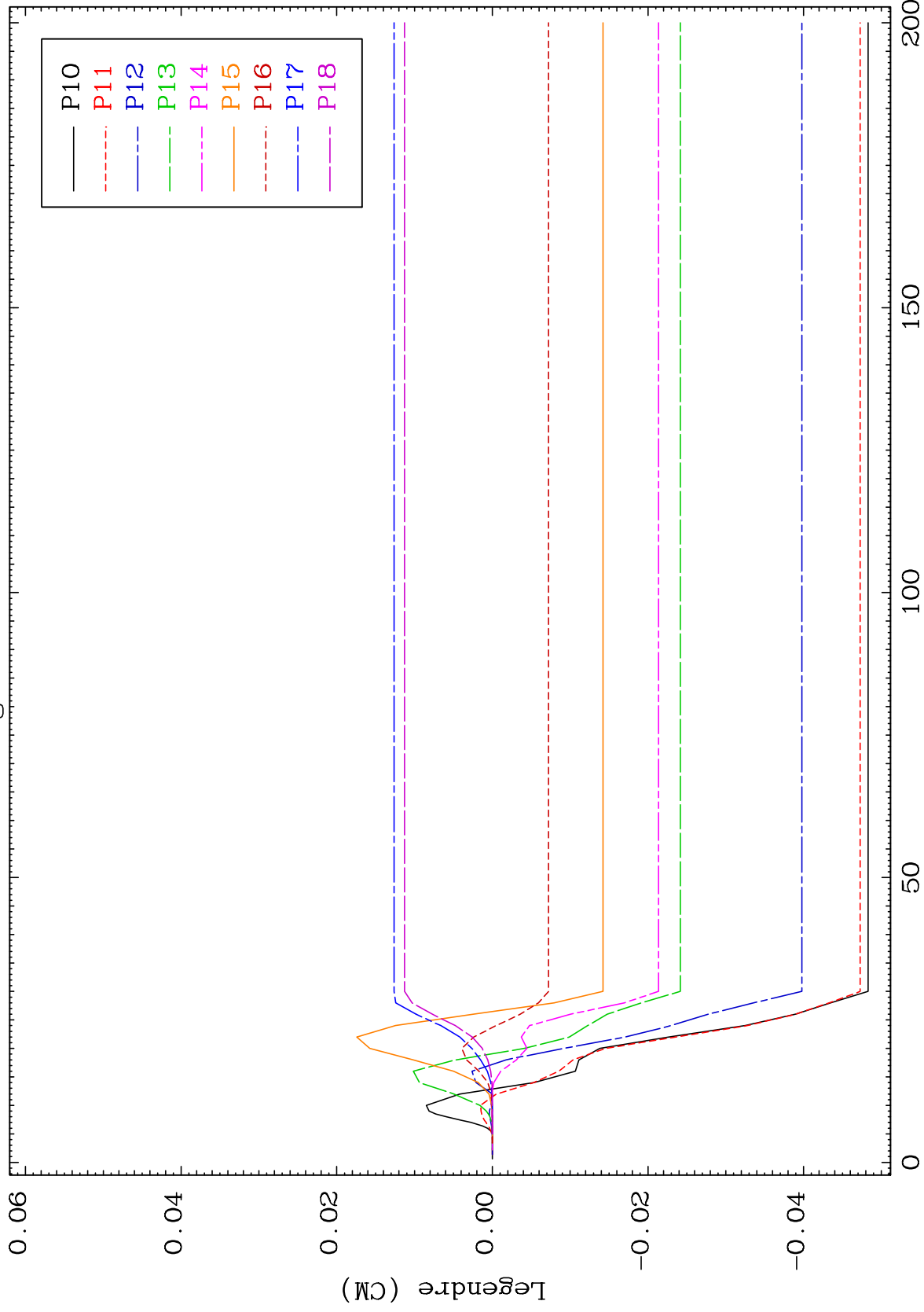
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

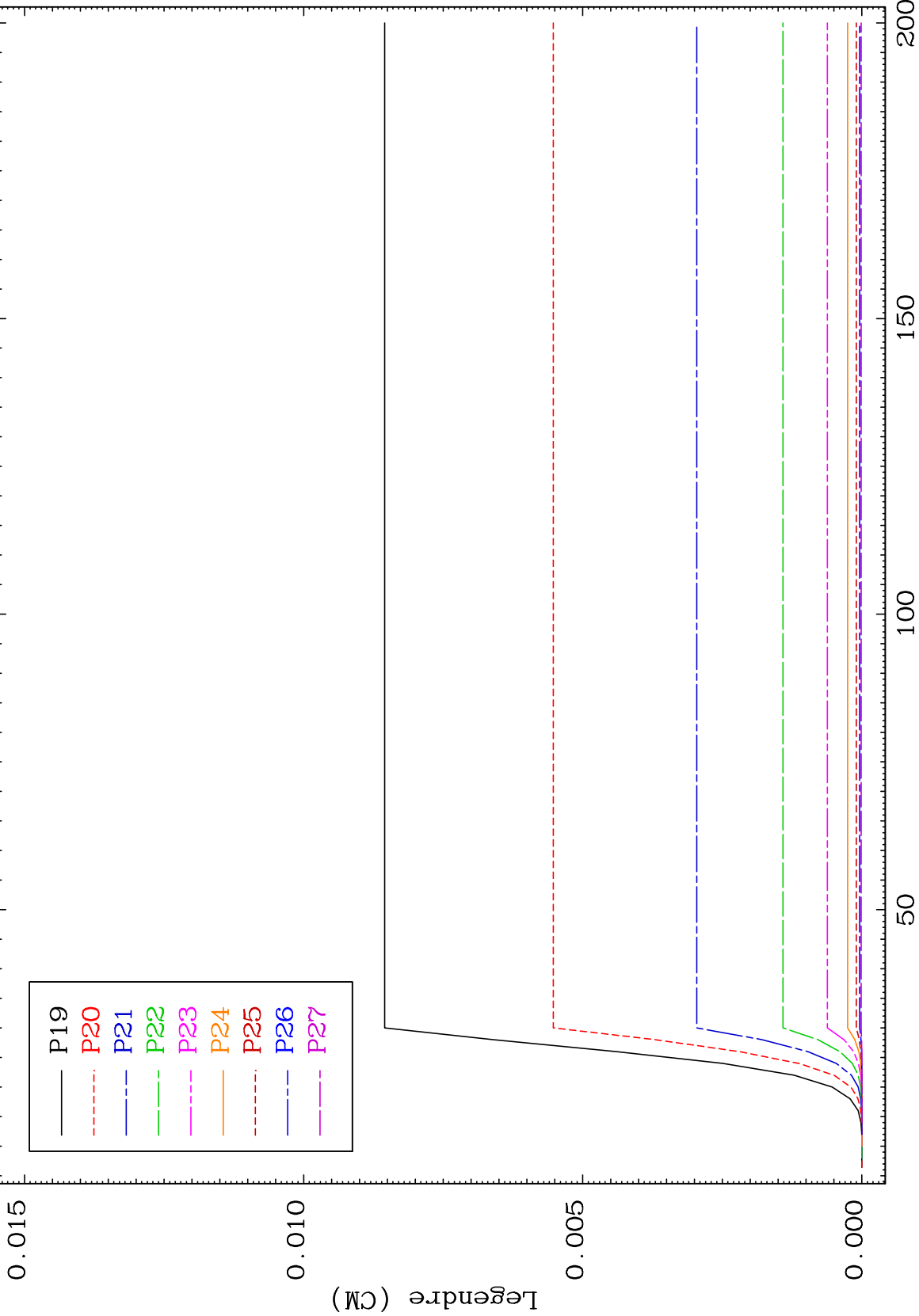
58-Ce-127



25

Incident Energy (MeV)

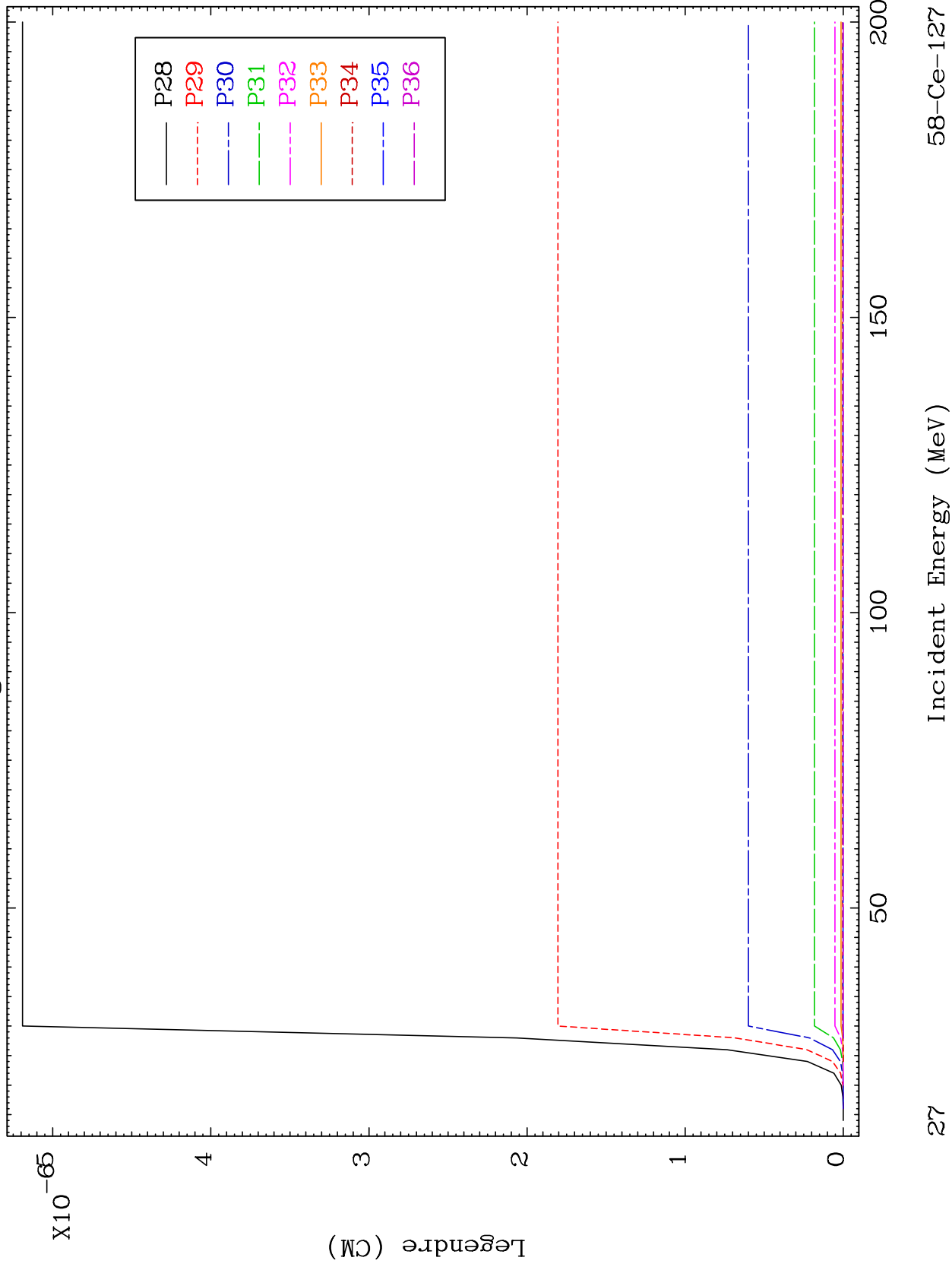
58-Ce-127



MAT 5798

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

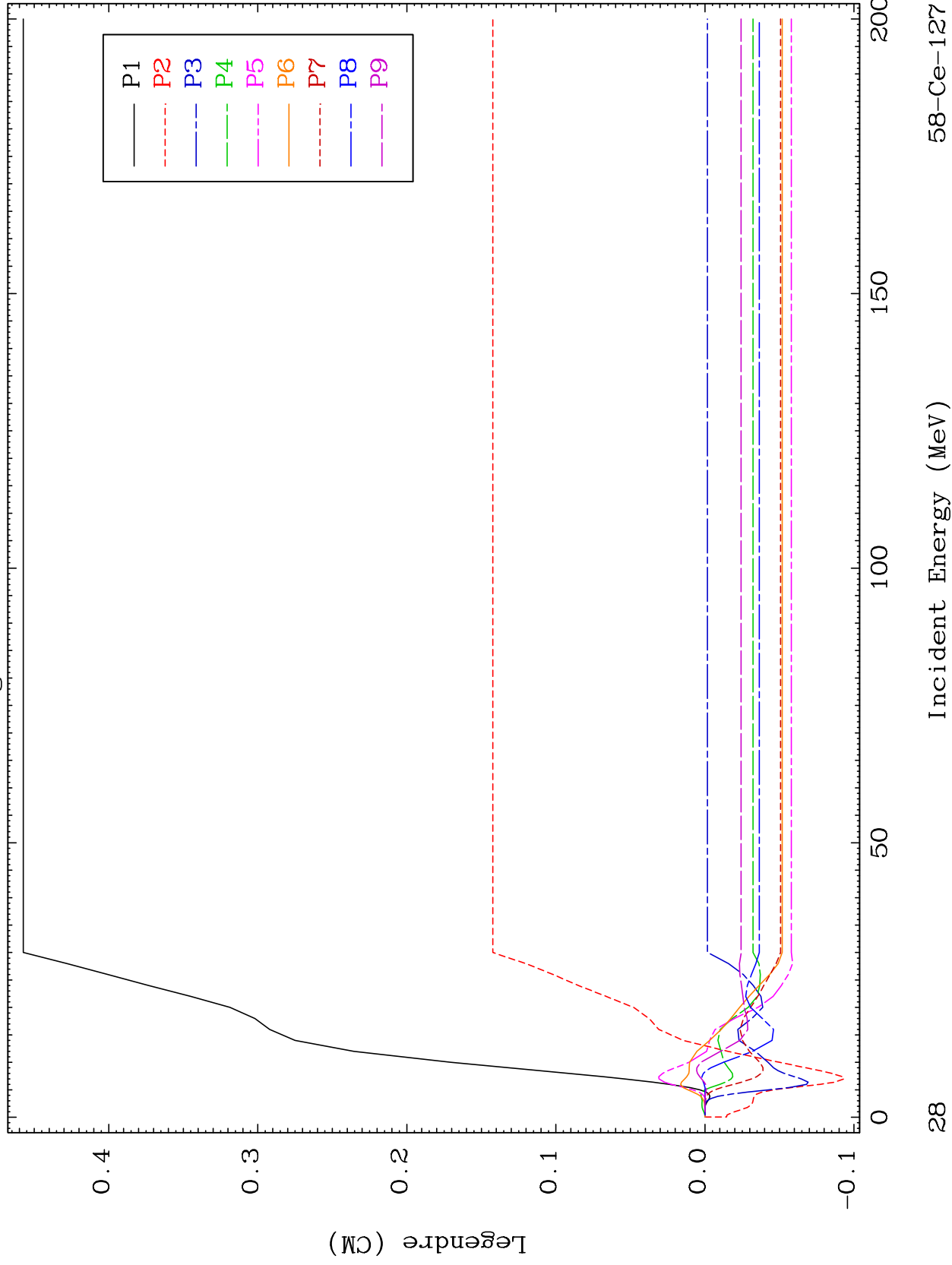
58-Ce-127



MAT 5798

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

58-Ce-127



58-Ce-127

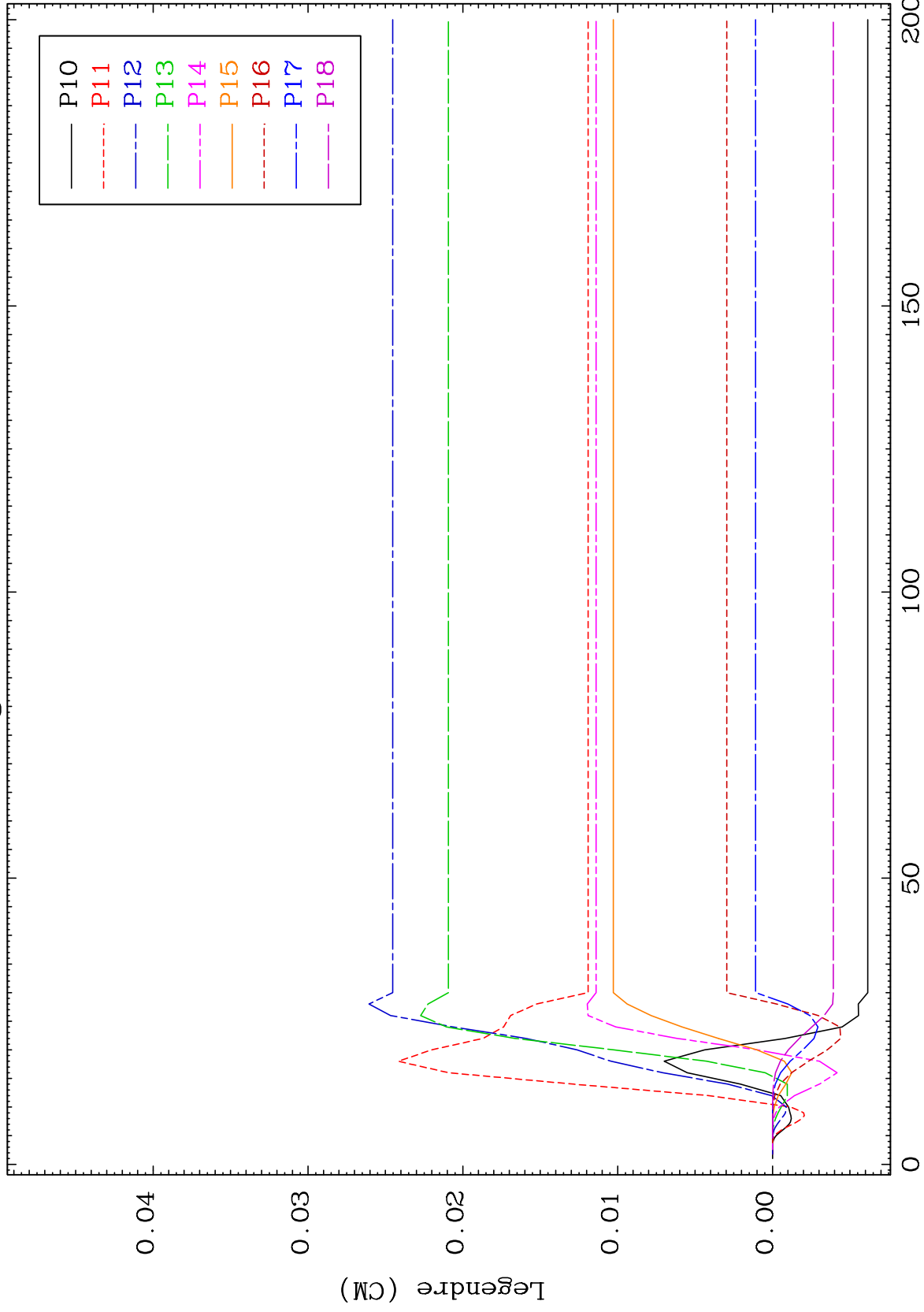
Incident Energy (MeV)

28

MAT 5798

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

58-Ce-127



29

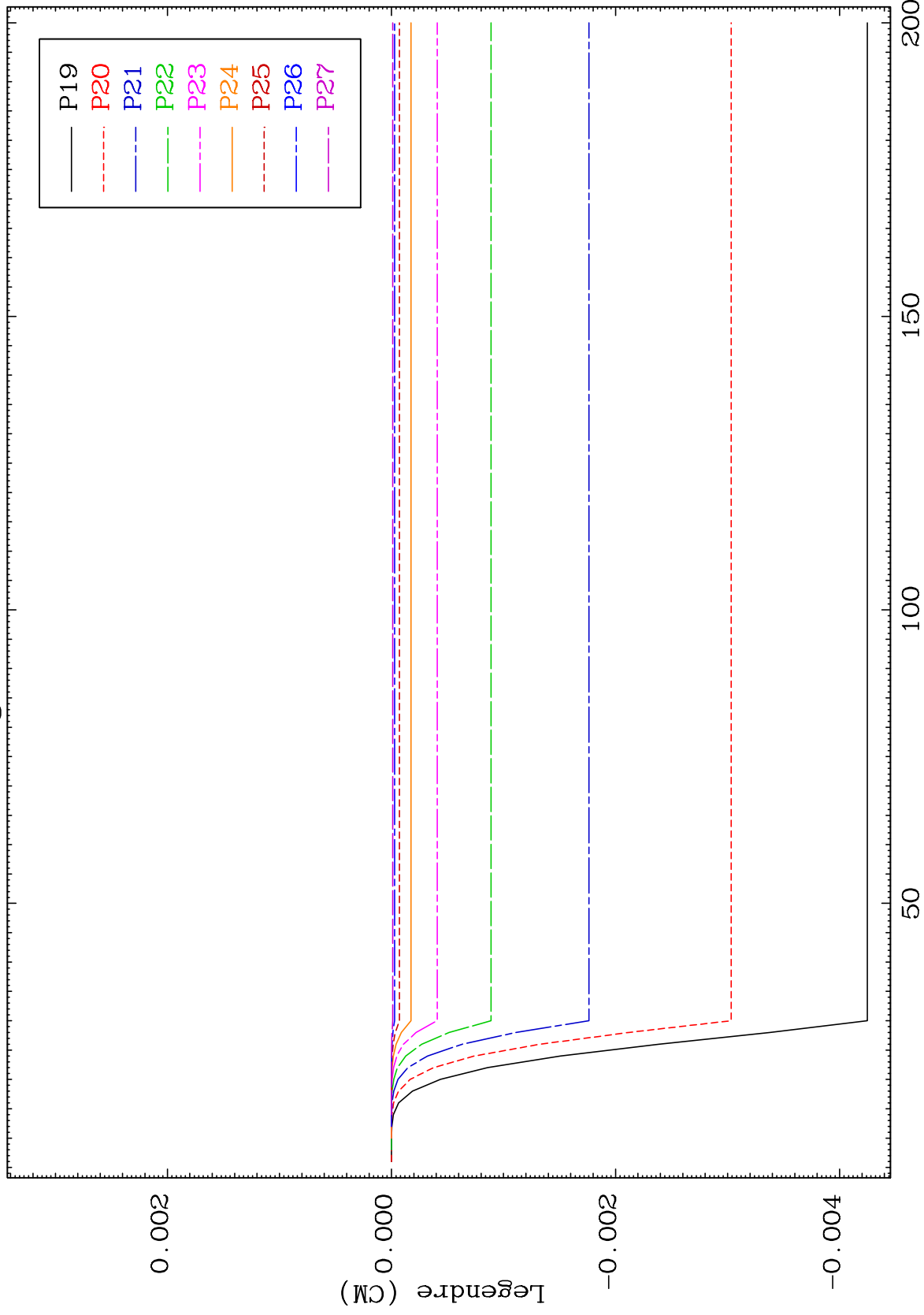
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



30

Incident Energy (MeV)

50

100

150

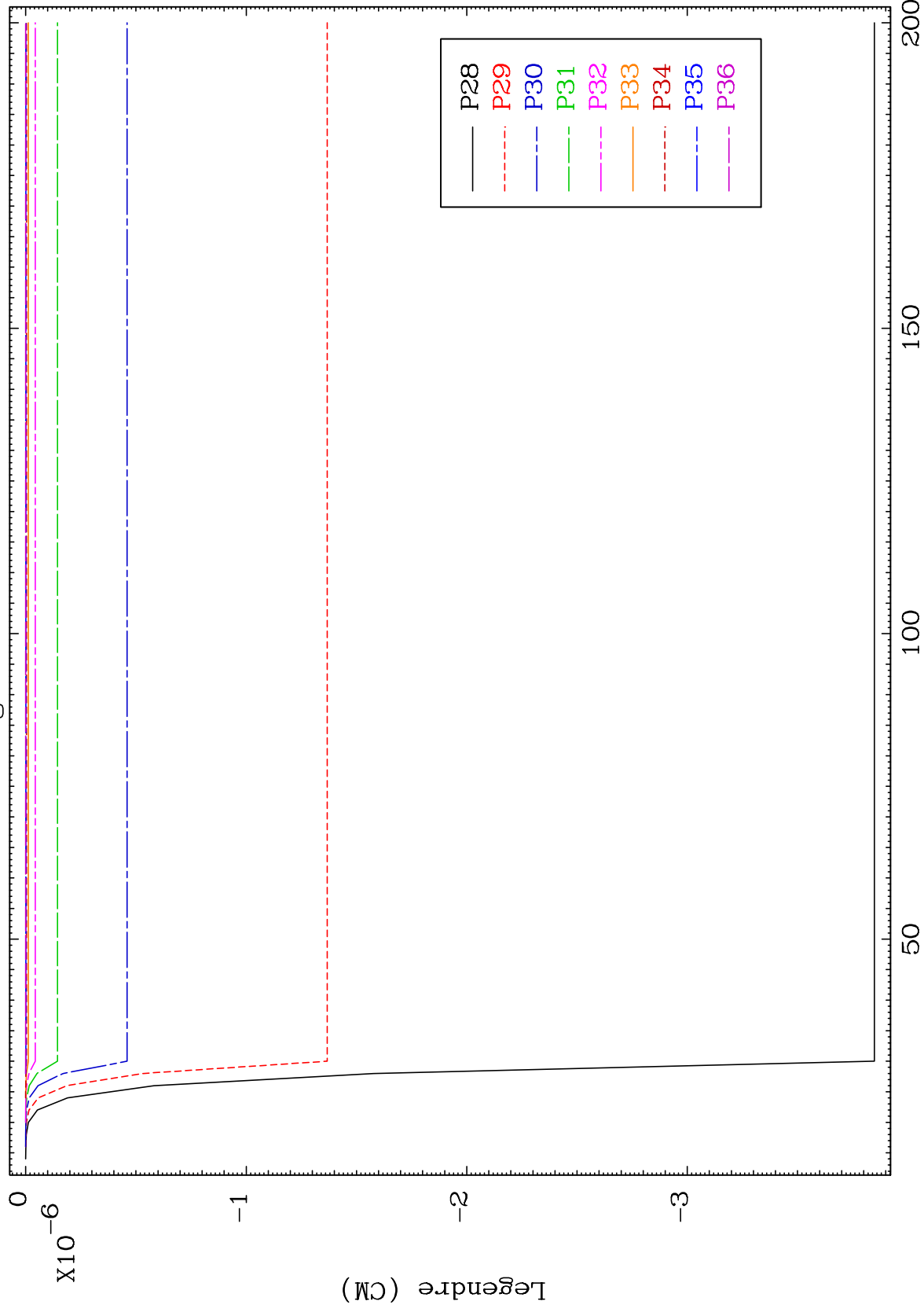
200

58-Ce-127

MAT 5798

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

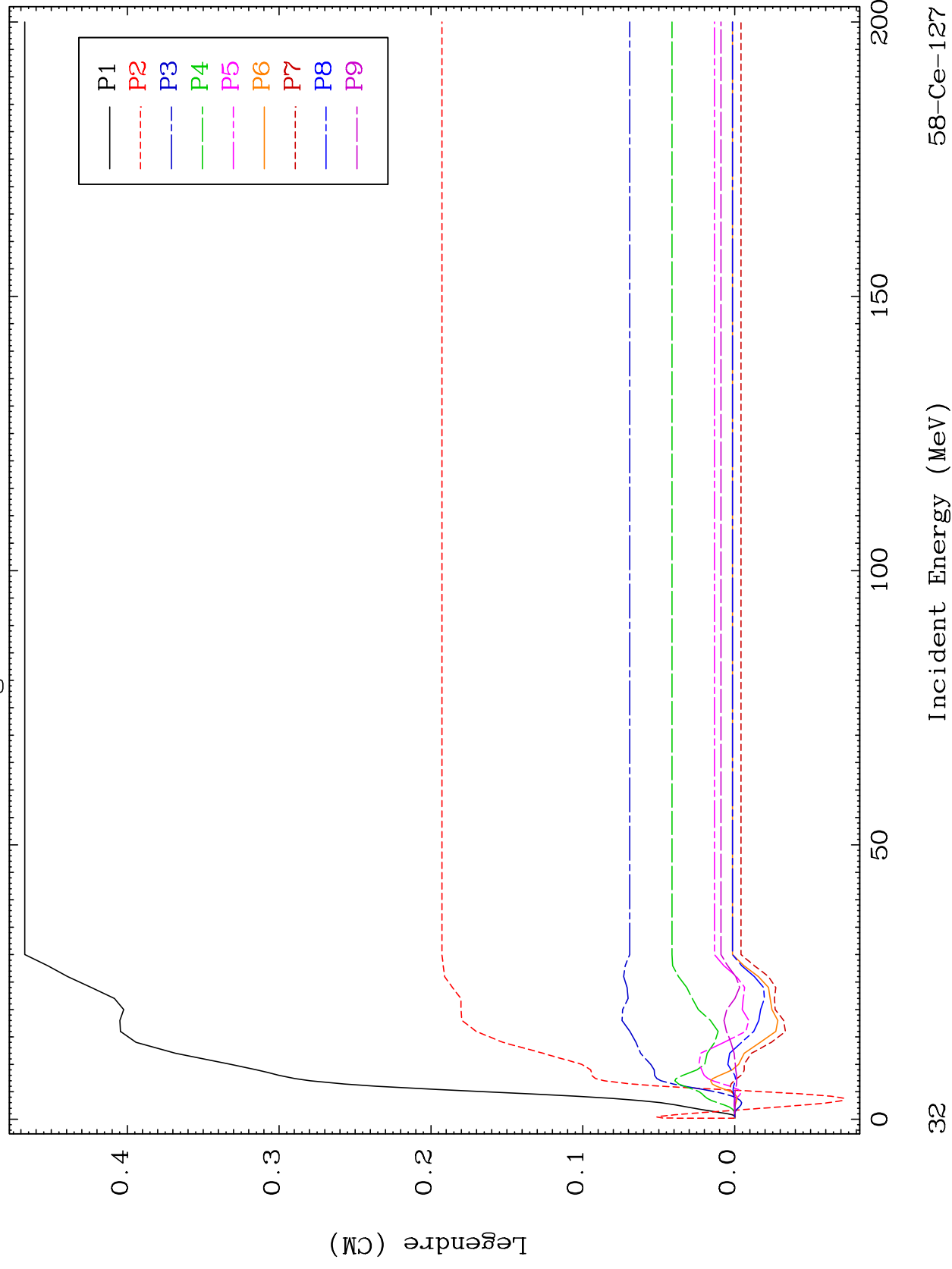
58-Ce-127



MAT 5798

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

58-Ce-127



58-Ce-127

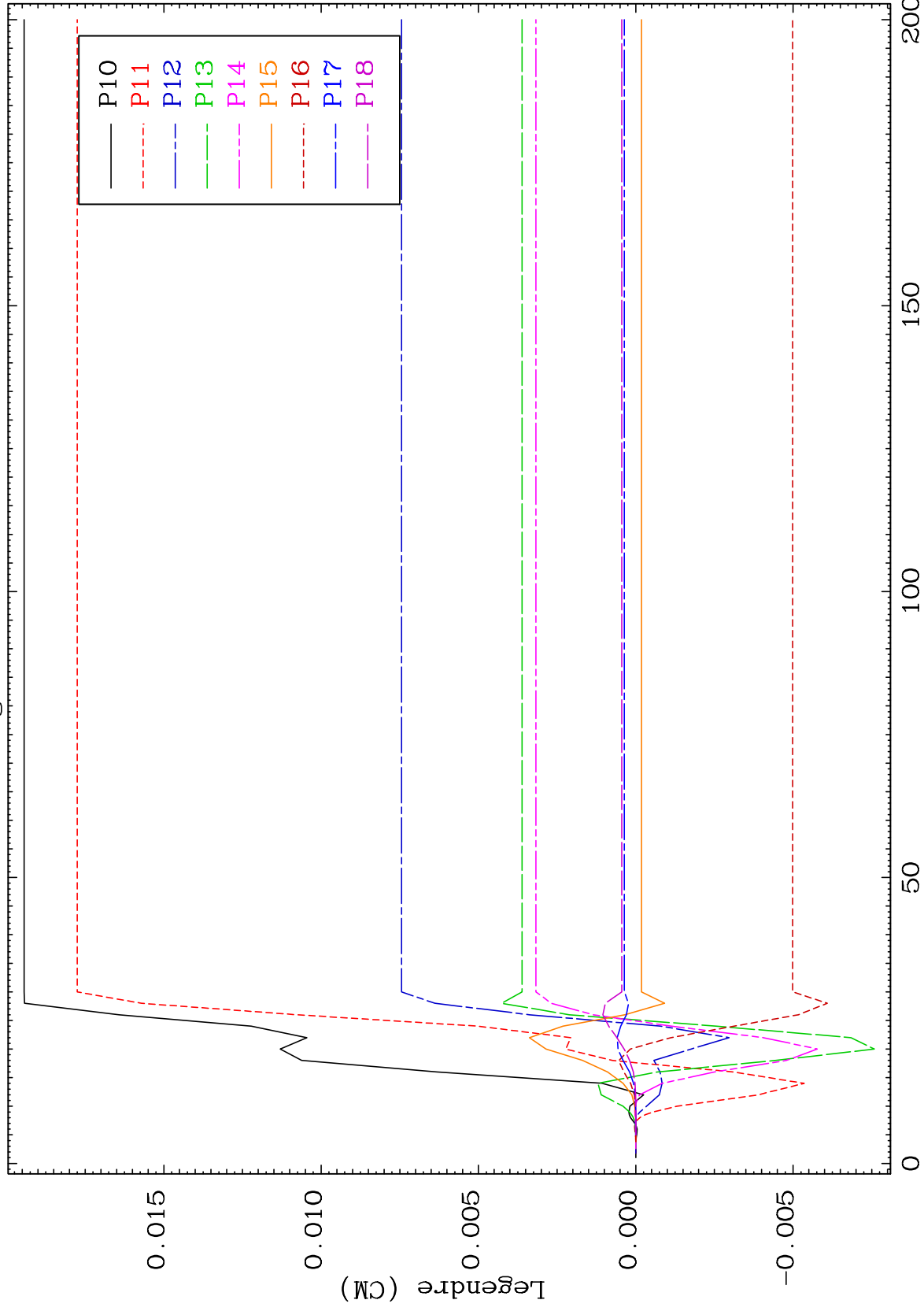
Incident Energy (MeV)

32

MAT 5798

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

58-Ce-127



33

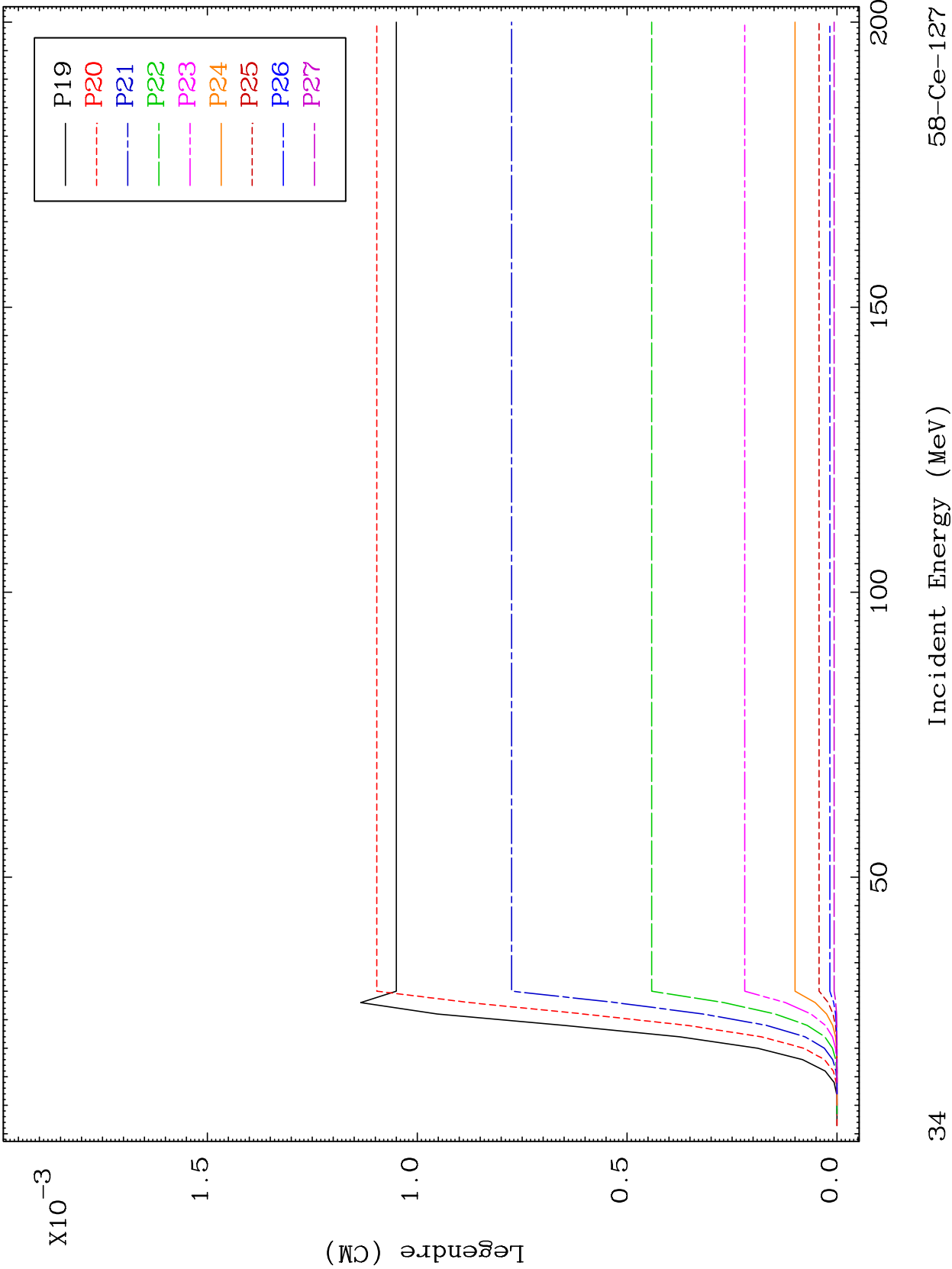
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

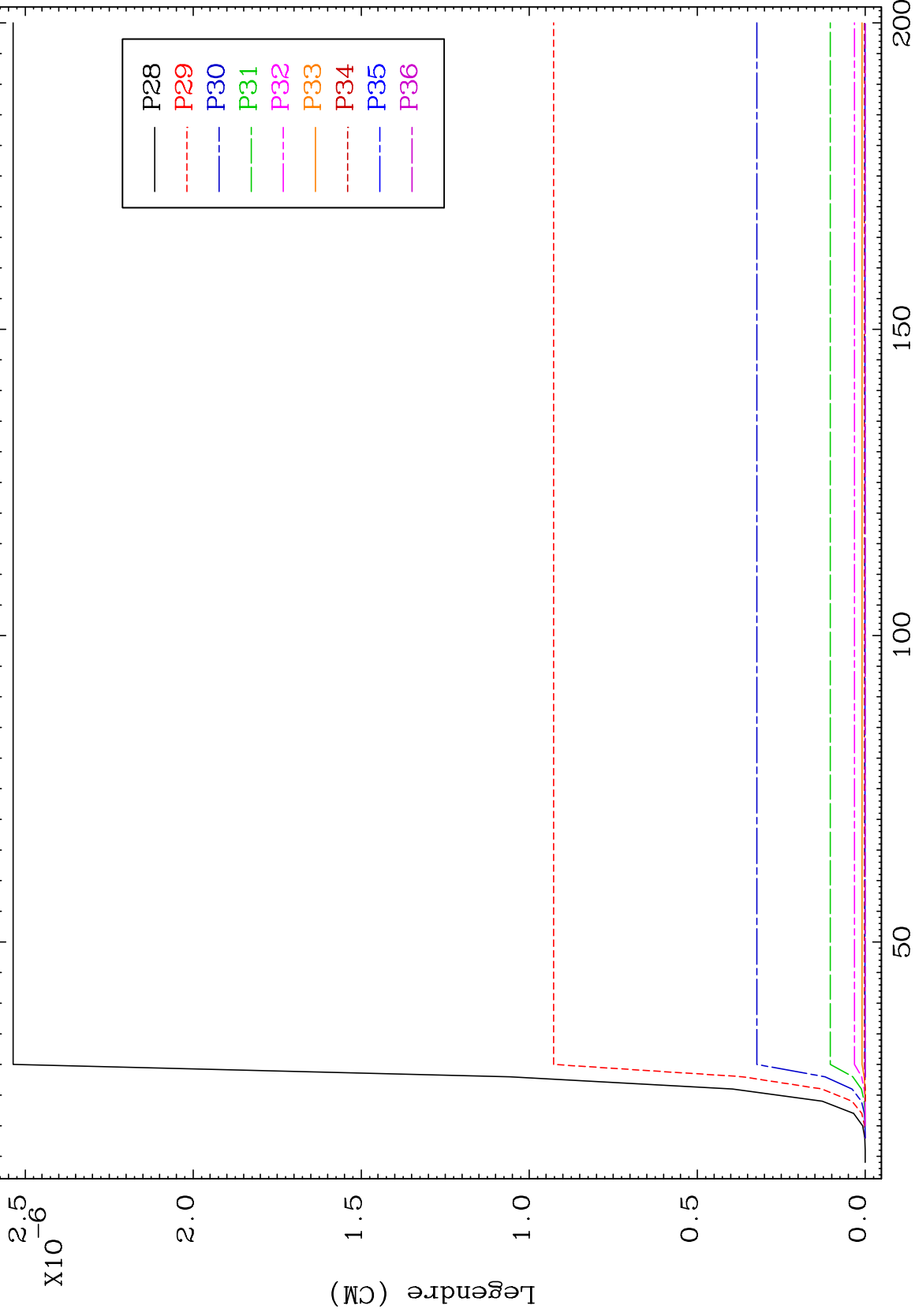
58-Ce-127



MAT 5798

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

58-Ce-127



35

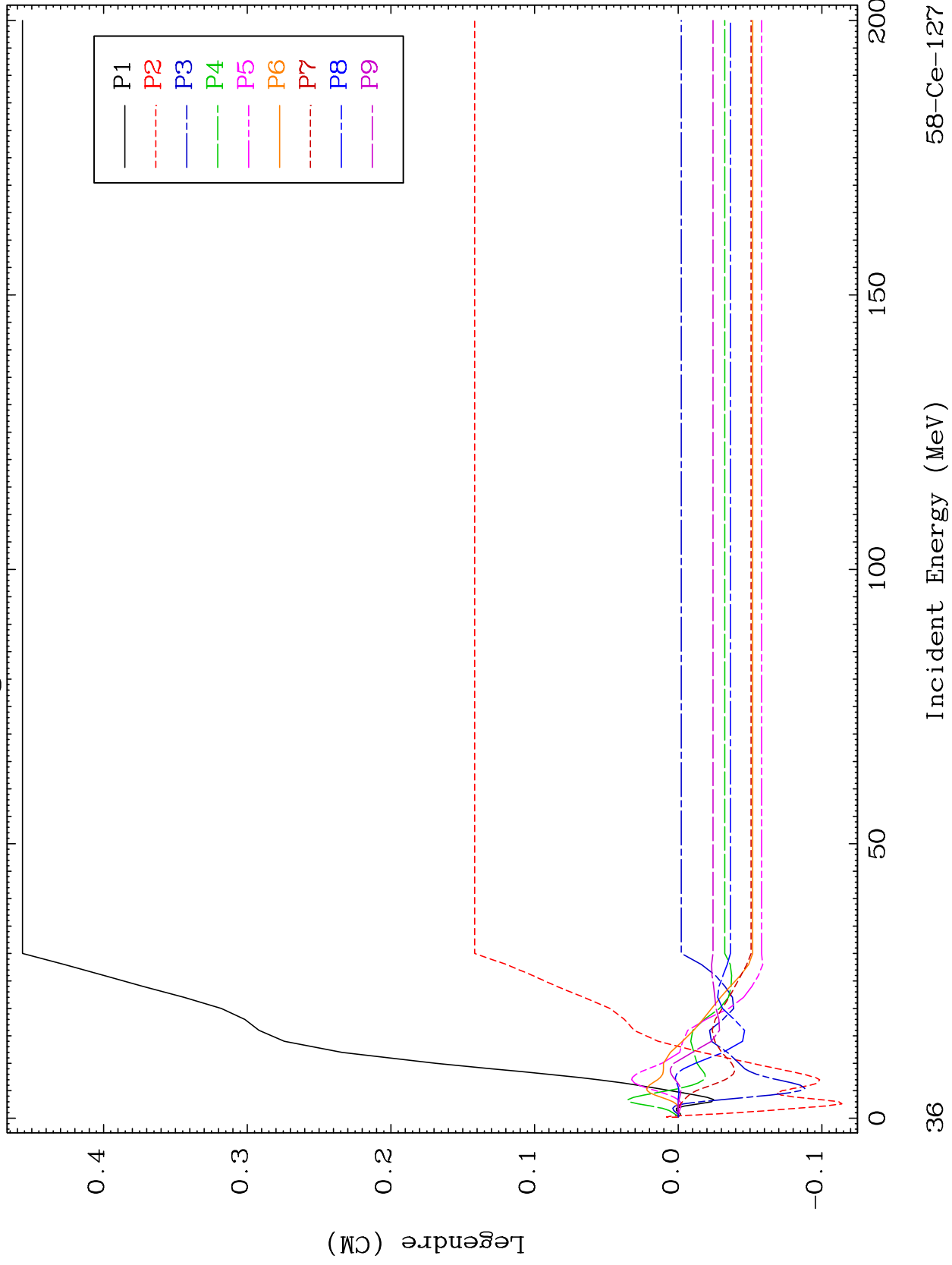
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

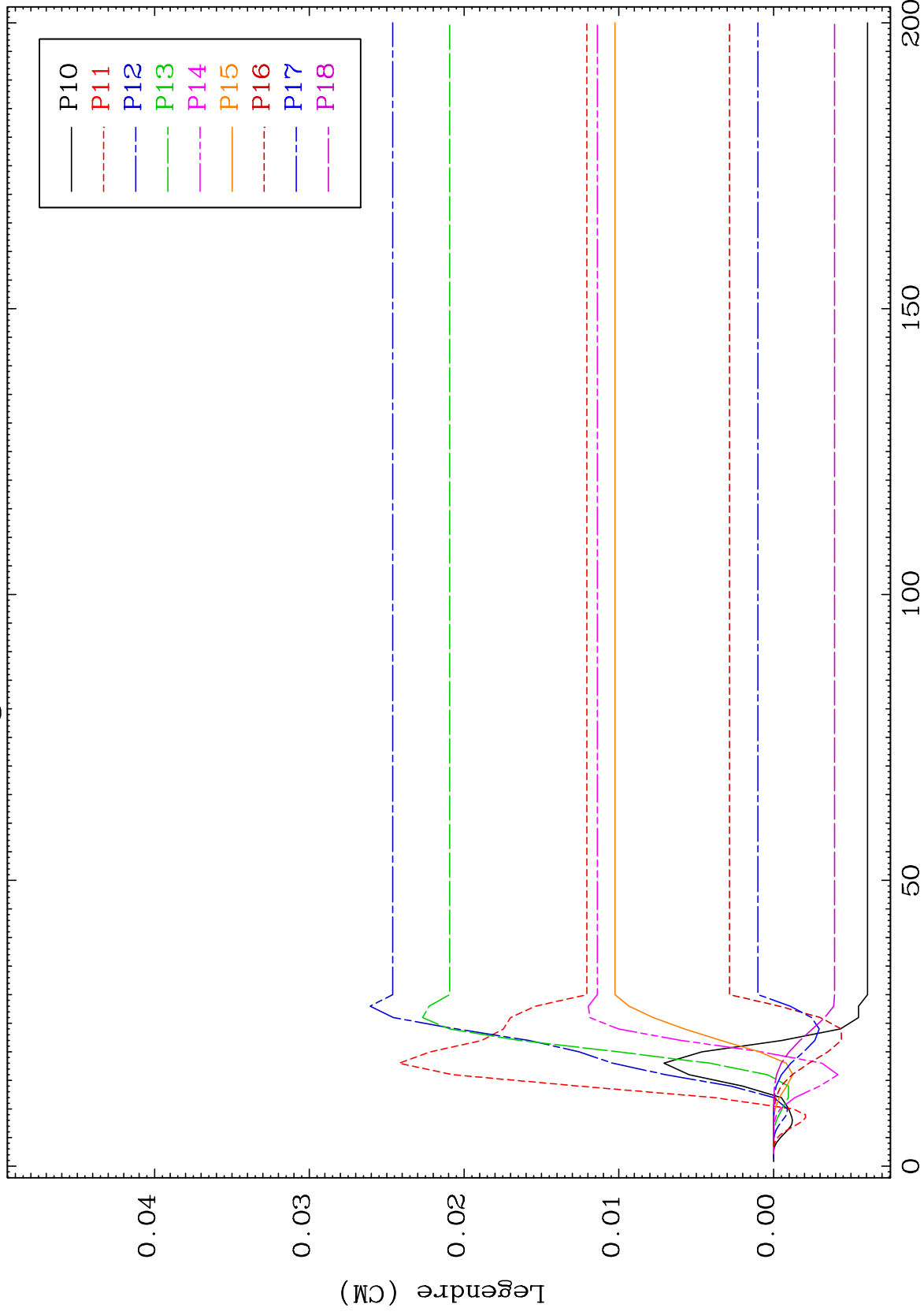
58-Ce-127



MAT 5798

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

58-Ce-127



37

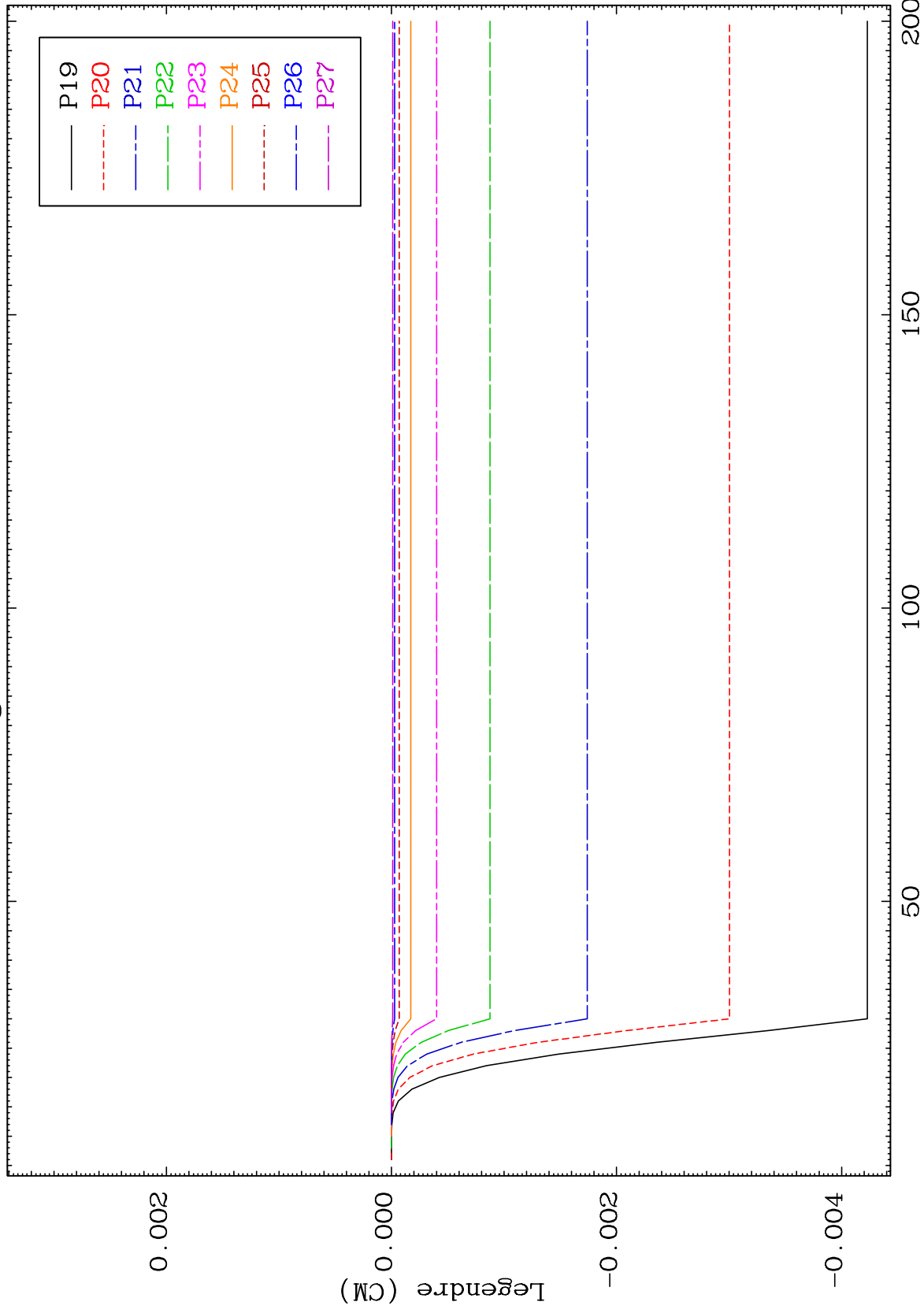
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



38

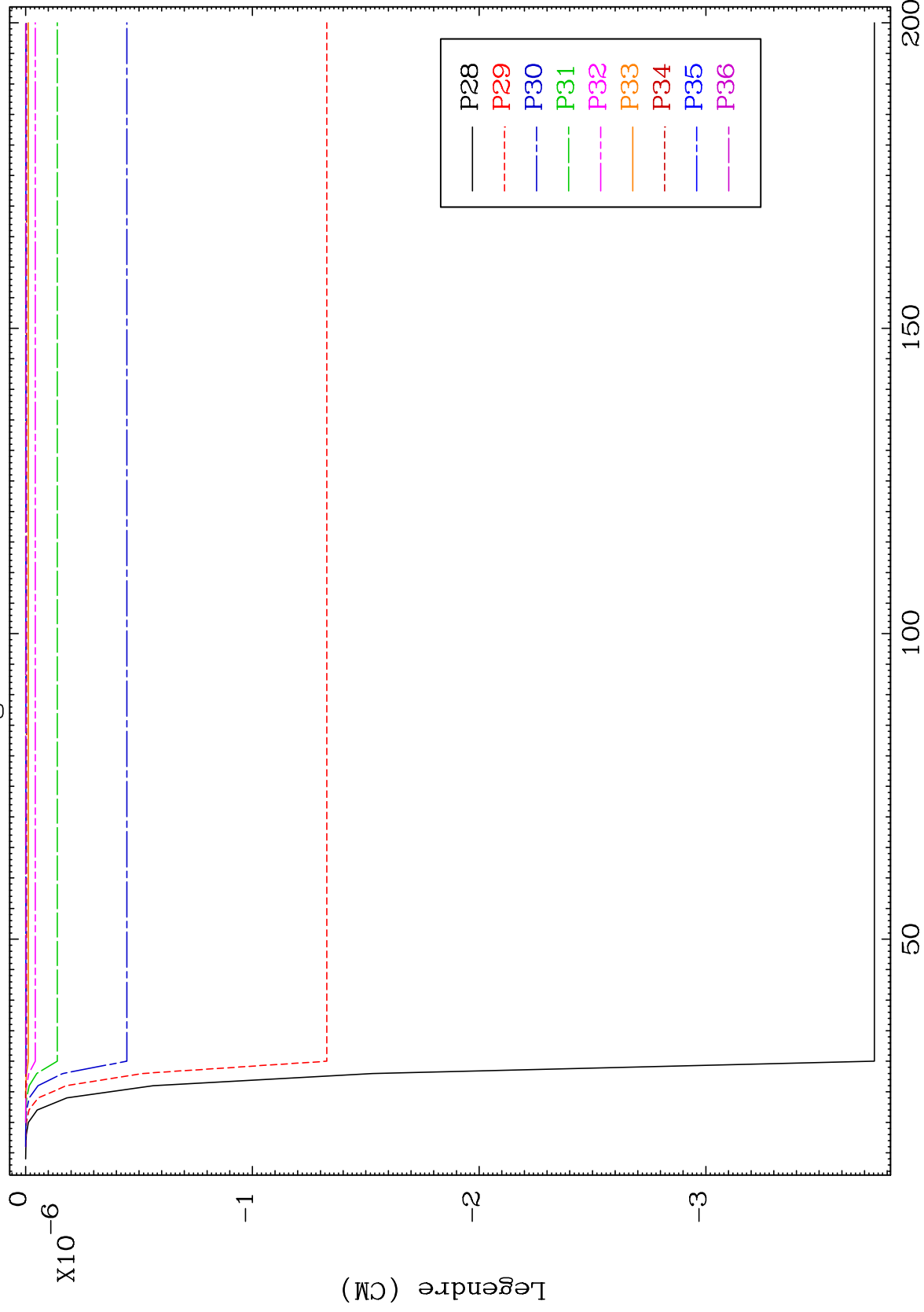
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



39

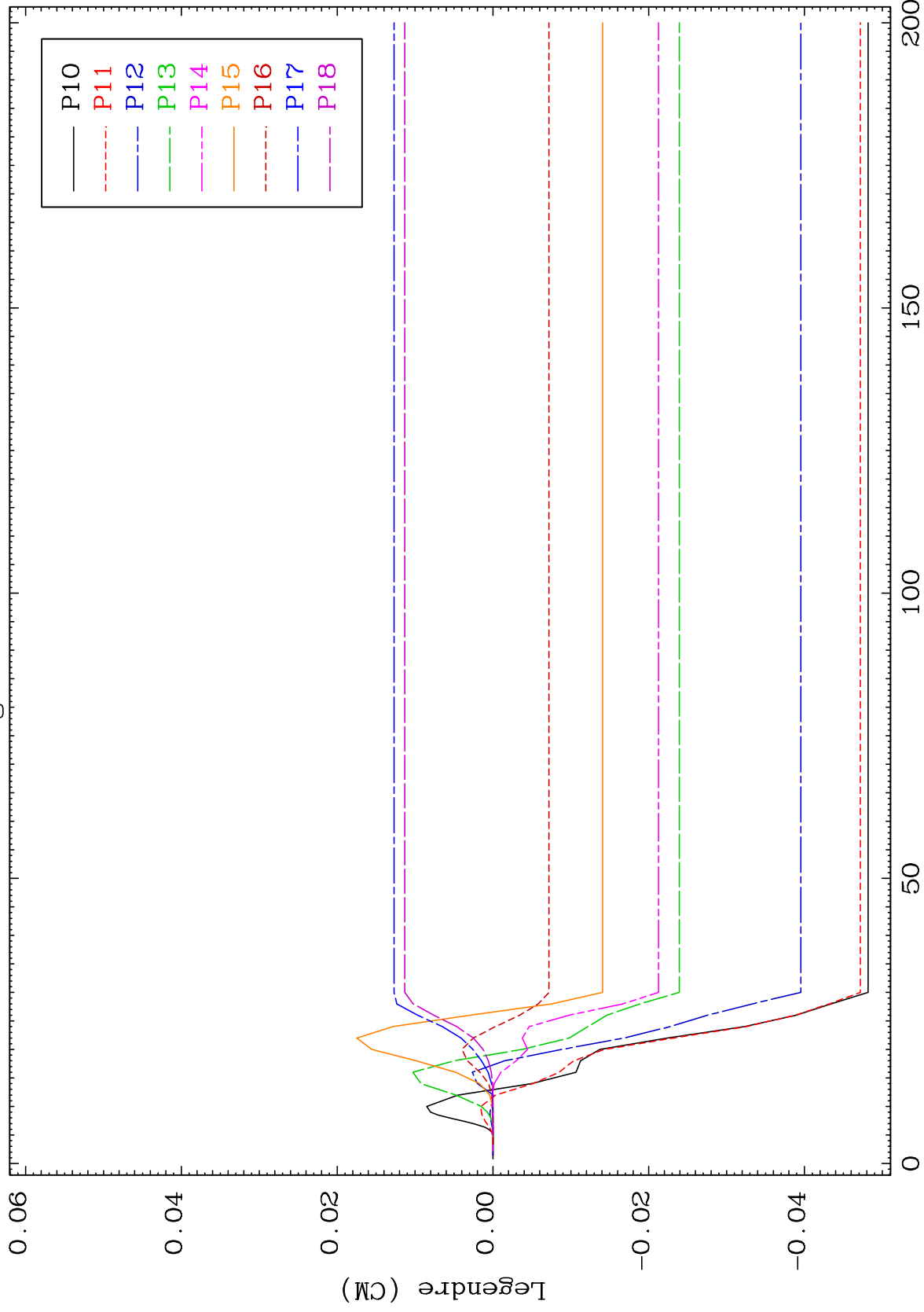
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

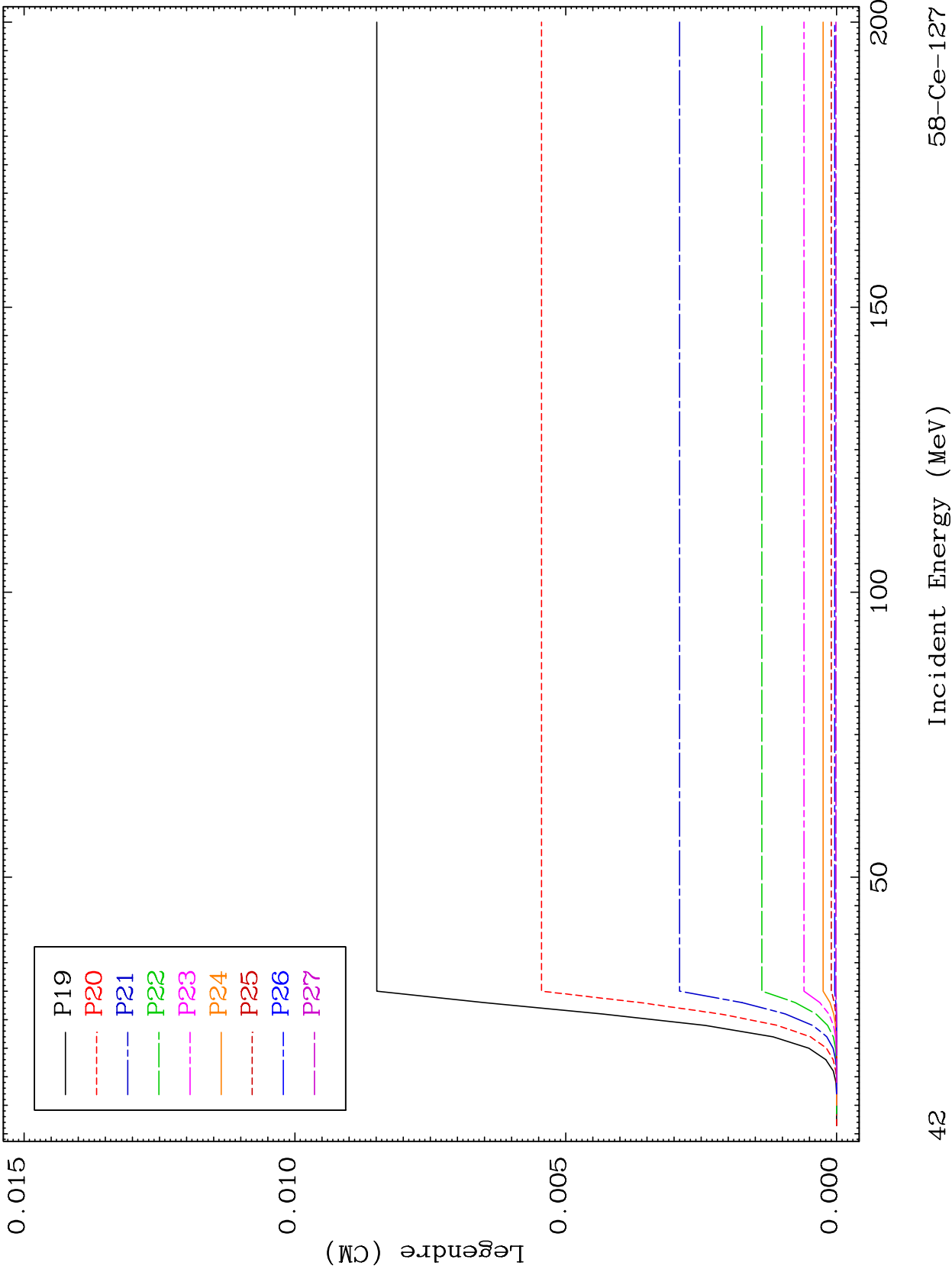
58-Ce-127



MAT 5798

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

58-Ce-127



42

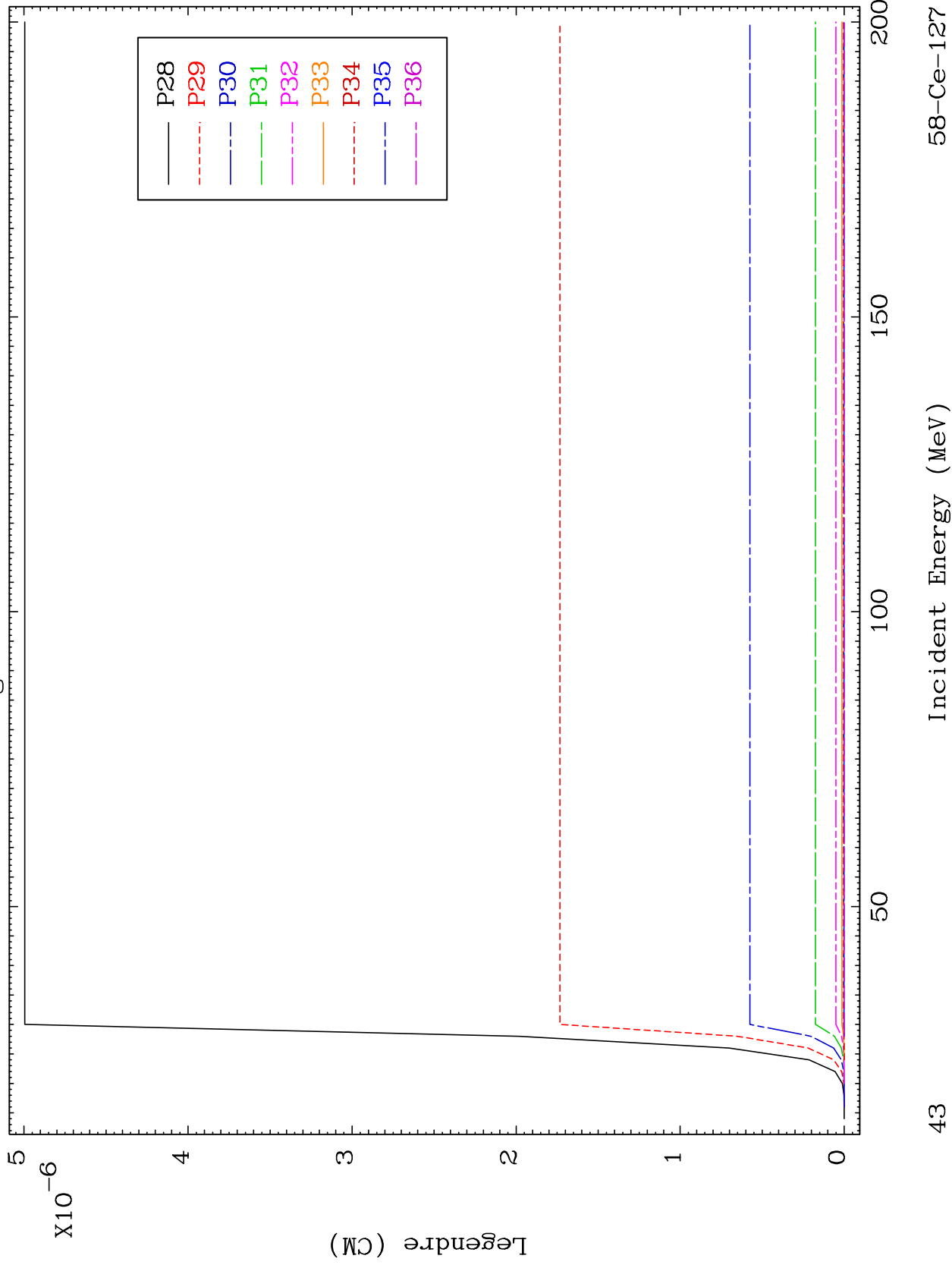
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

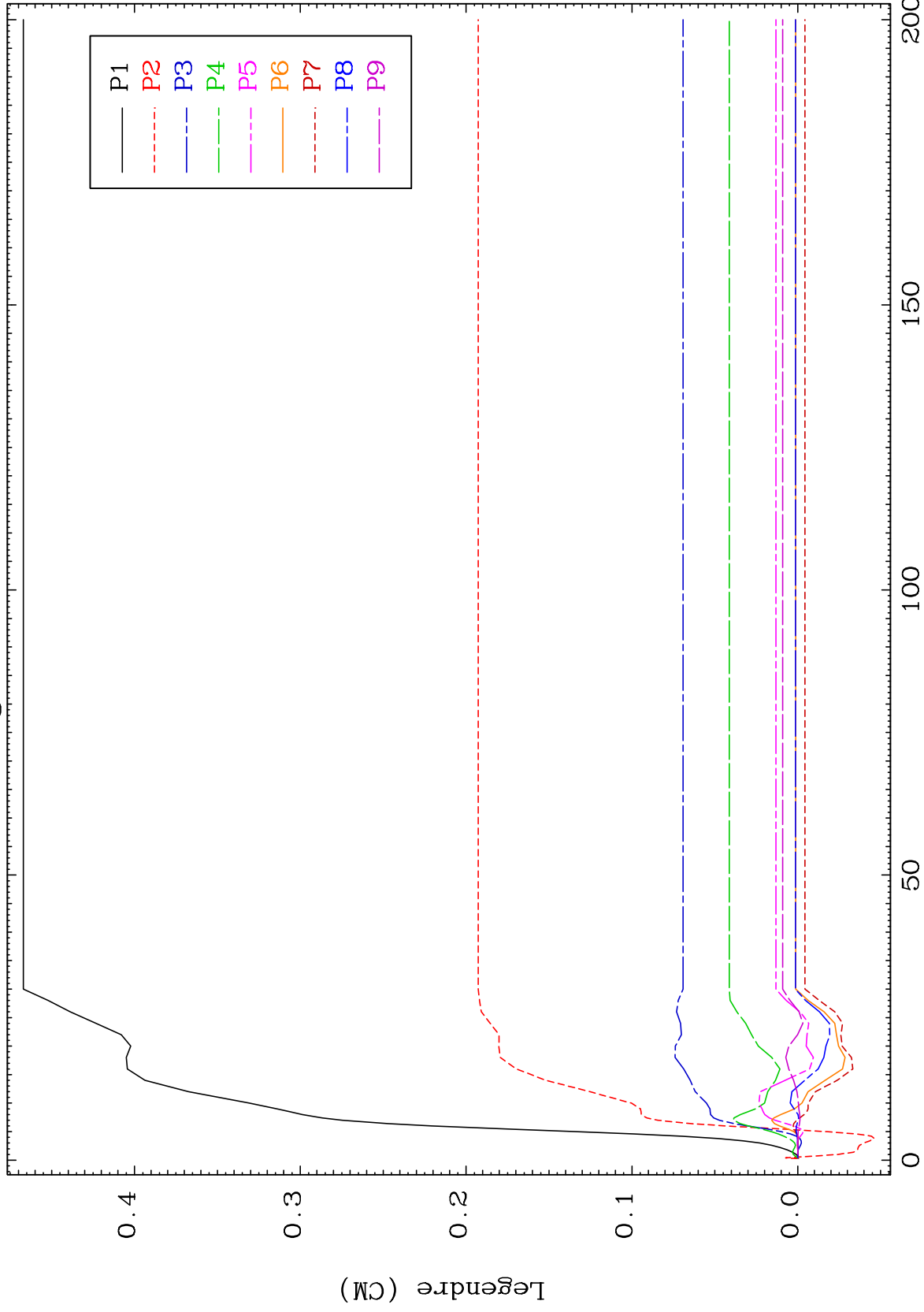
58-Ce-127



MAT 5798

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

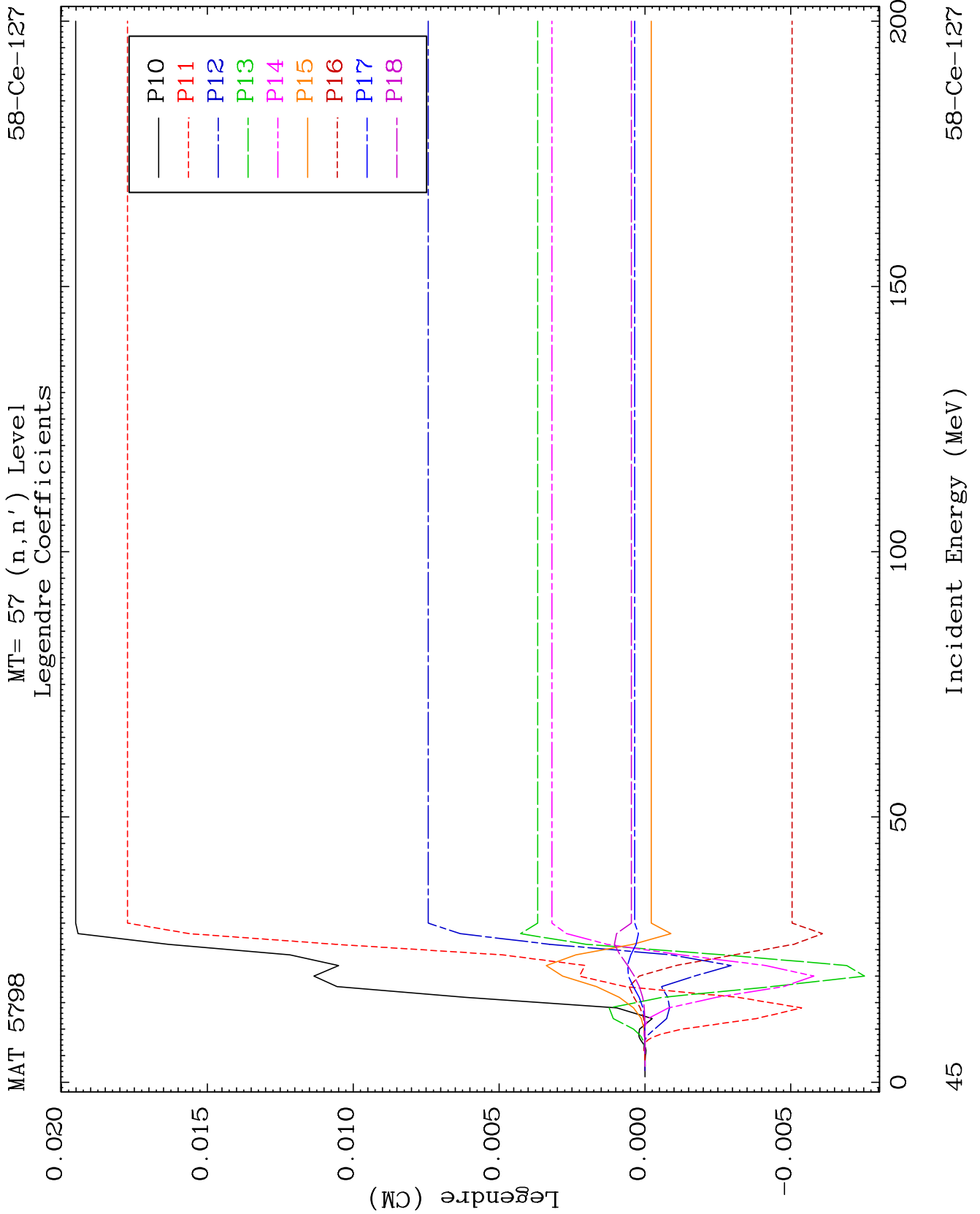
58-Ce-127



44

Incident Energy (MeV)

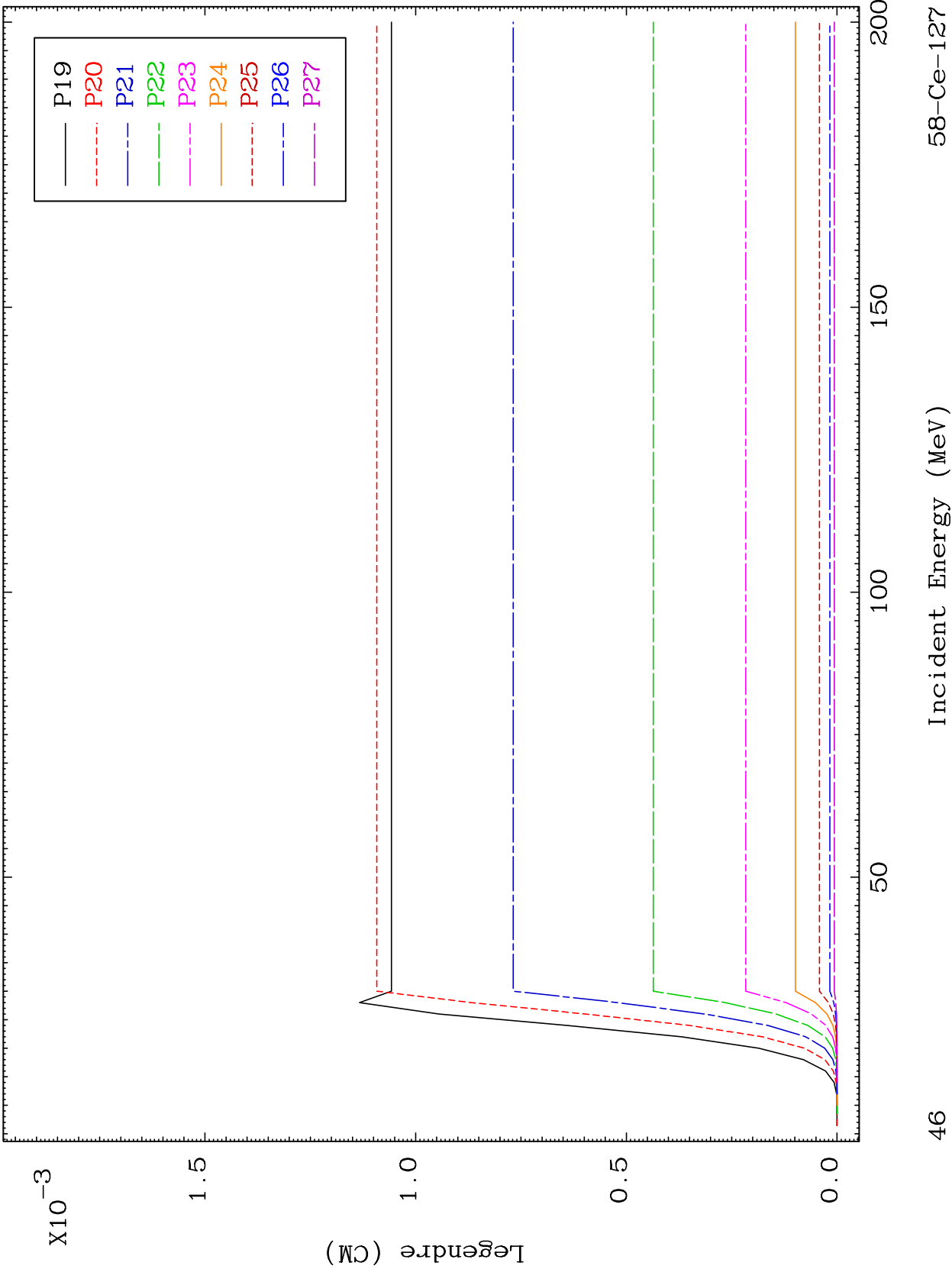
58-Ce-127



MAT 5798

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

58-Ce-127



46

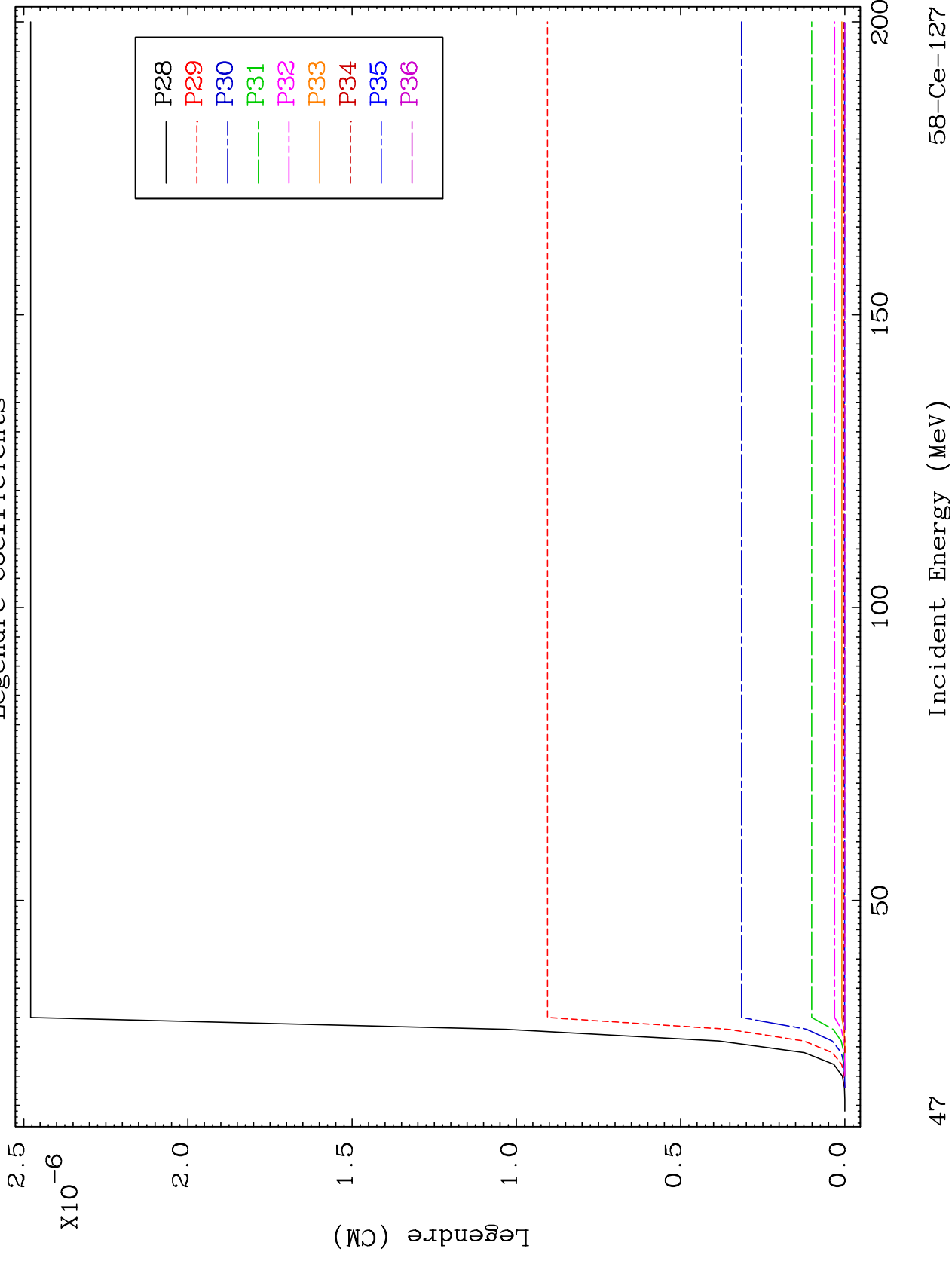
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

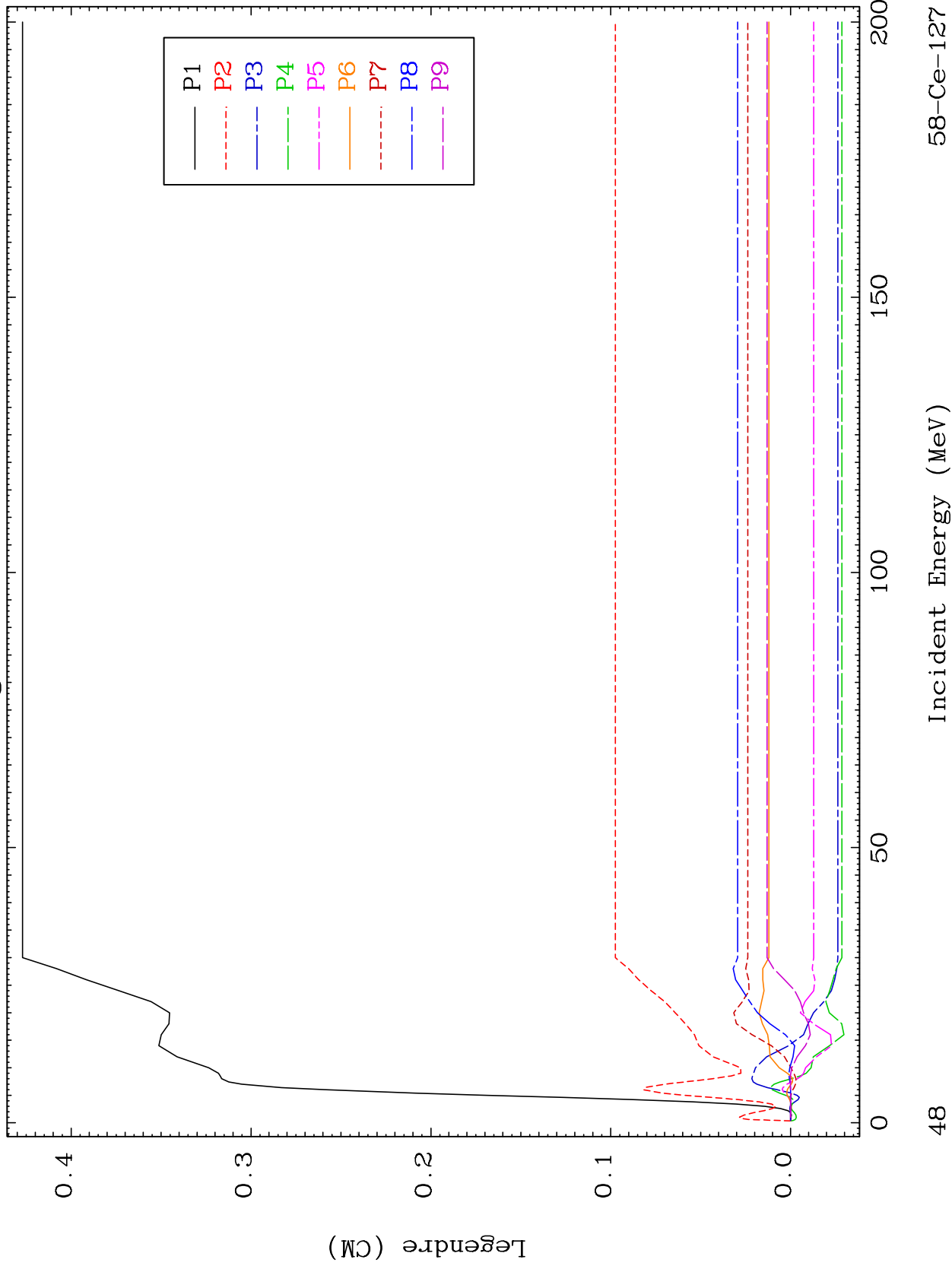
58-Ce-127



MAT 5798

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

58-Ce-127



58-Ce-127

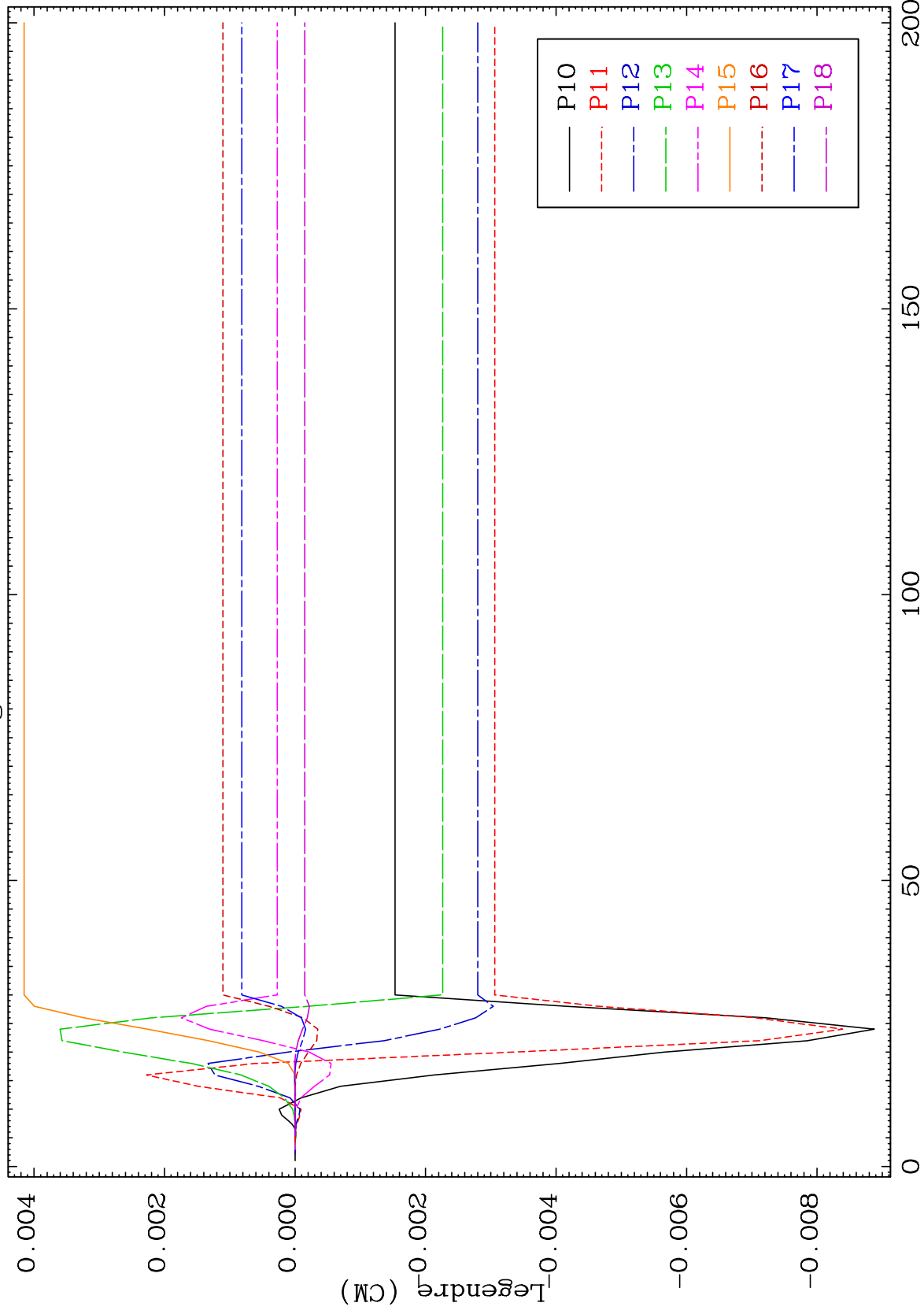
Incident Energy (MeV)

48

MAT 5798

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

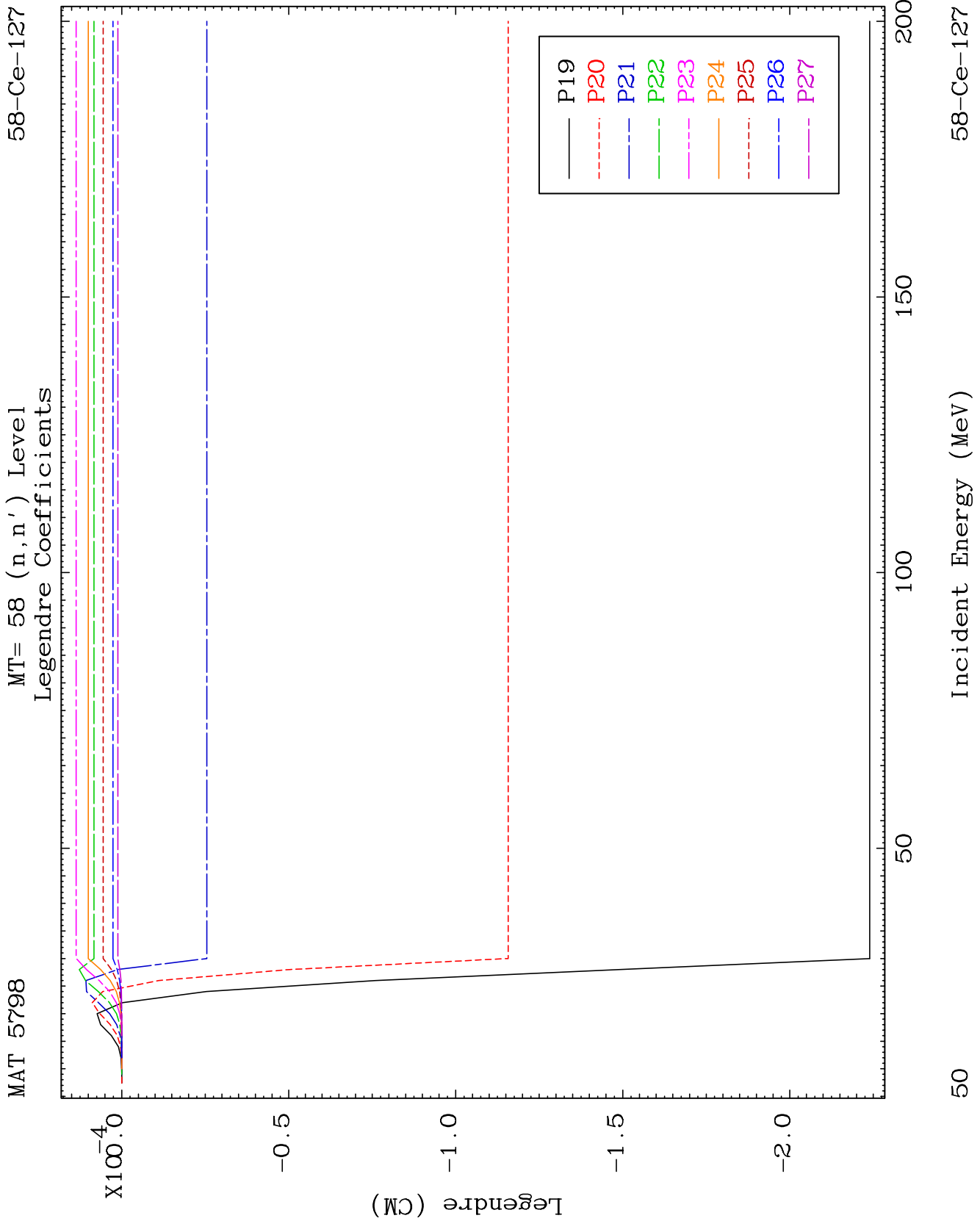
58-Ce-127



49

Incident Energy (MeV)

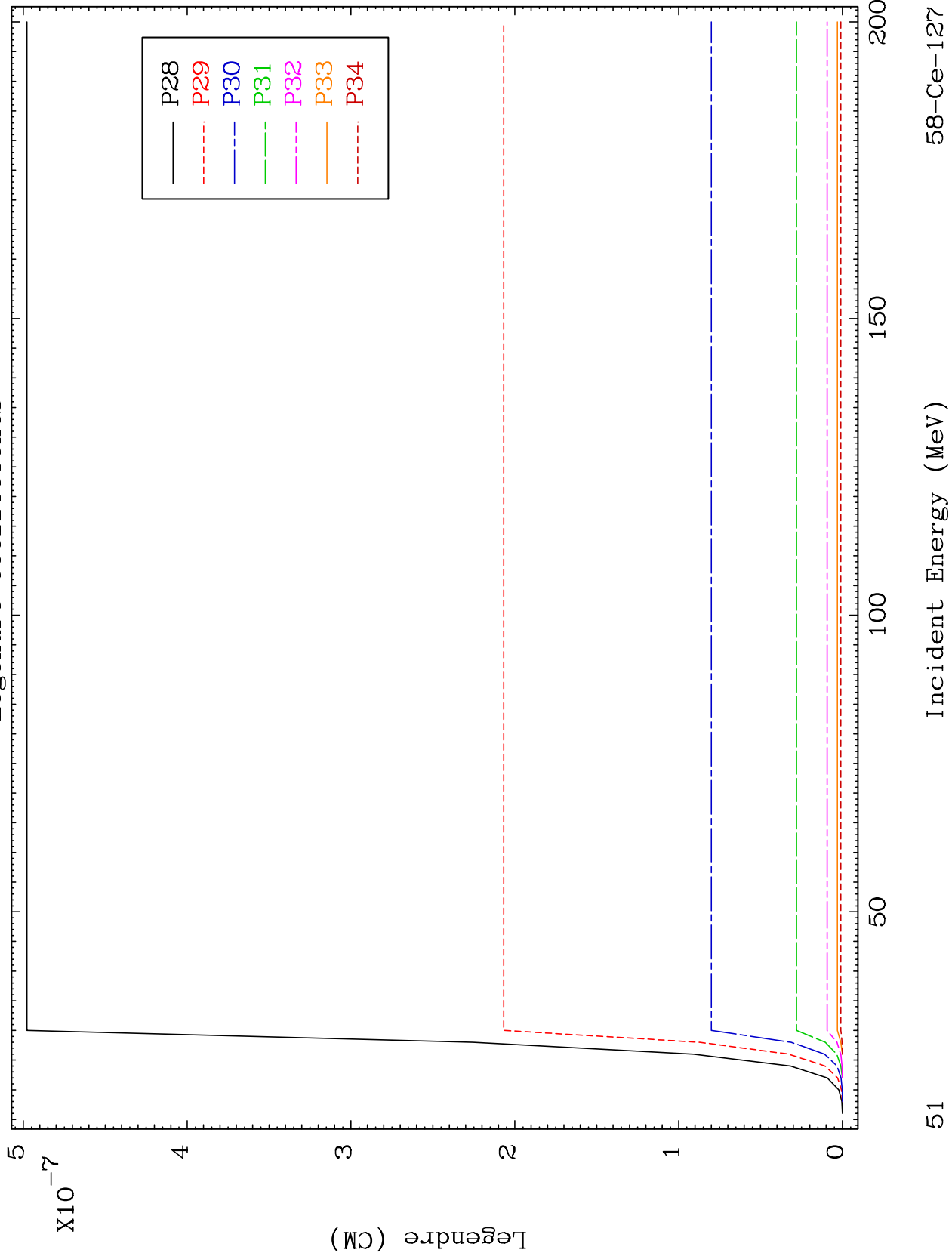
58-Ce-127



MAT 5798

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

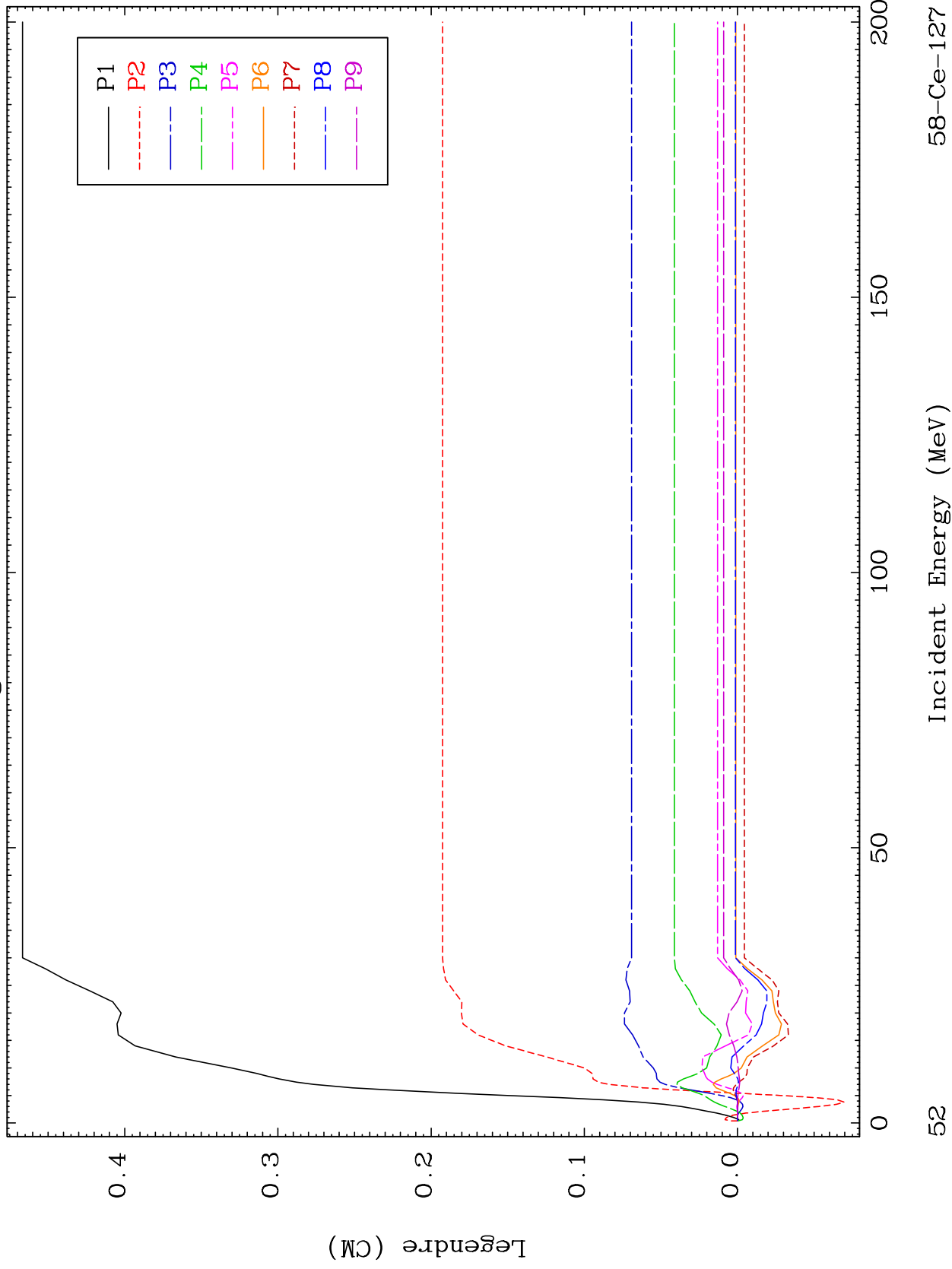
58-Ce-127



MAT 5798

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

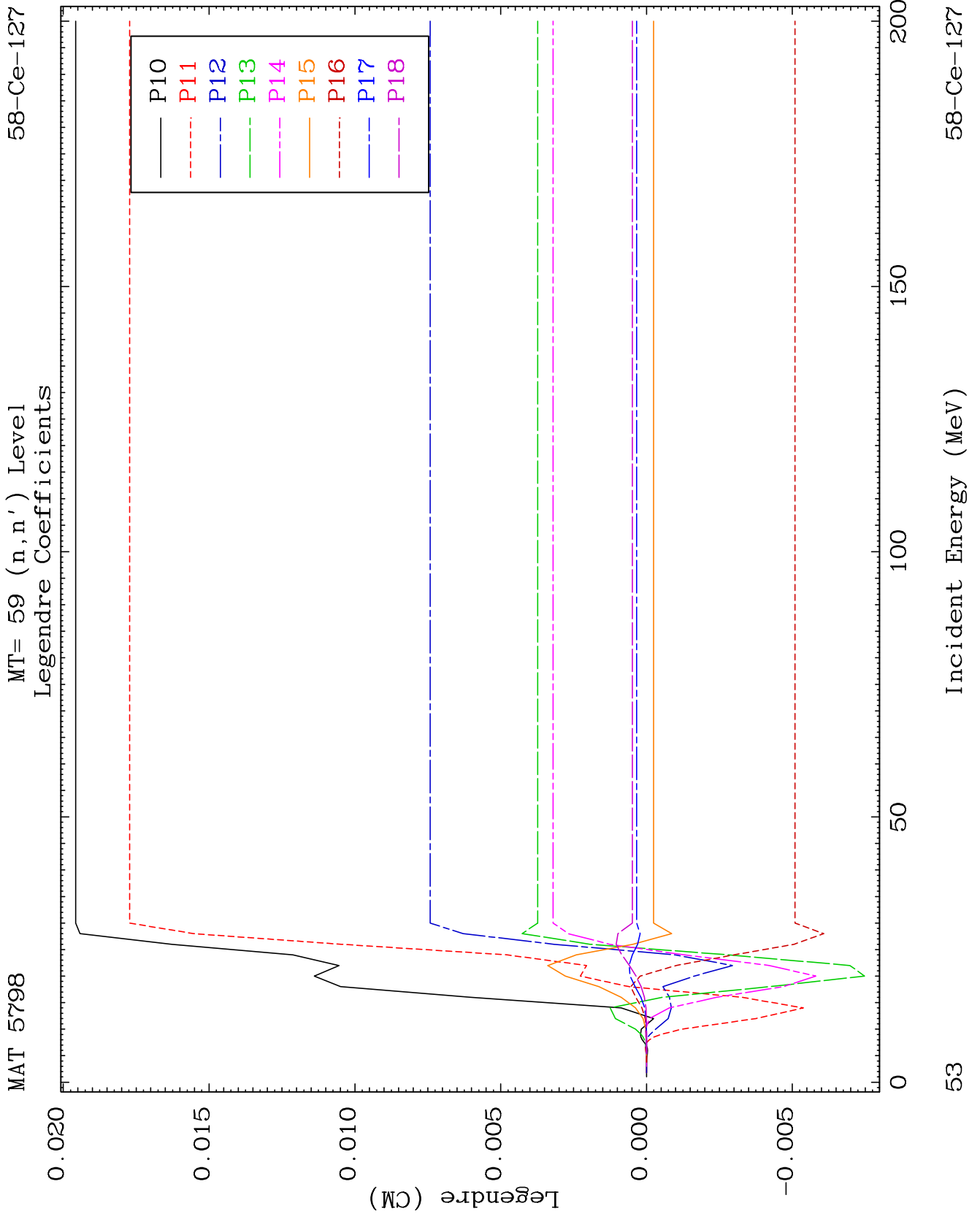
58-Ce-127



58-Ce-127

Incident Energy (MeV)

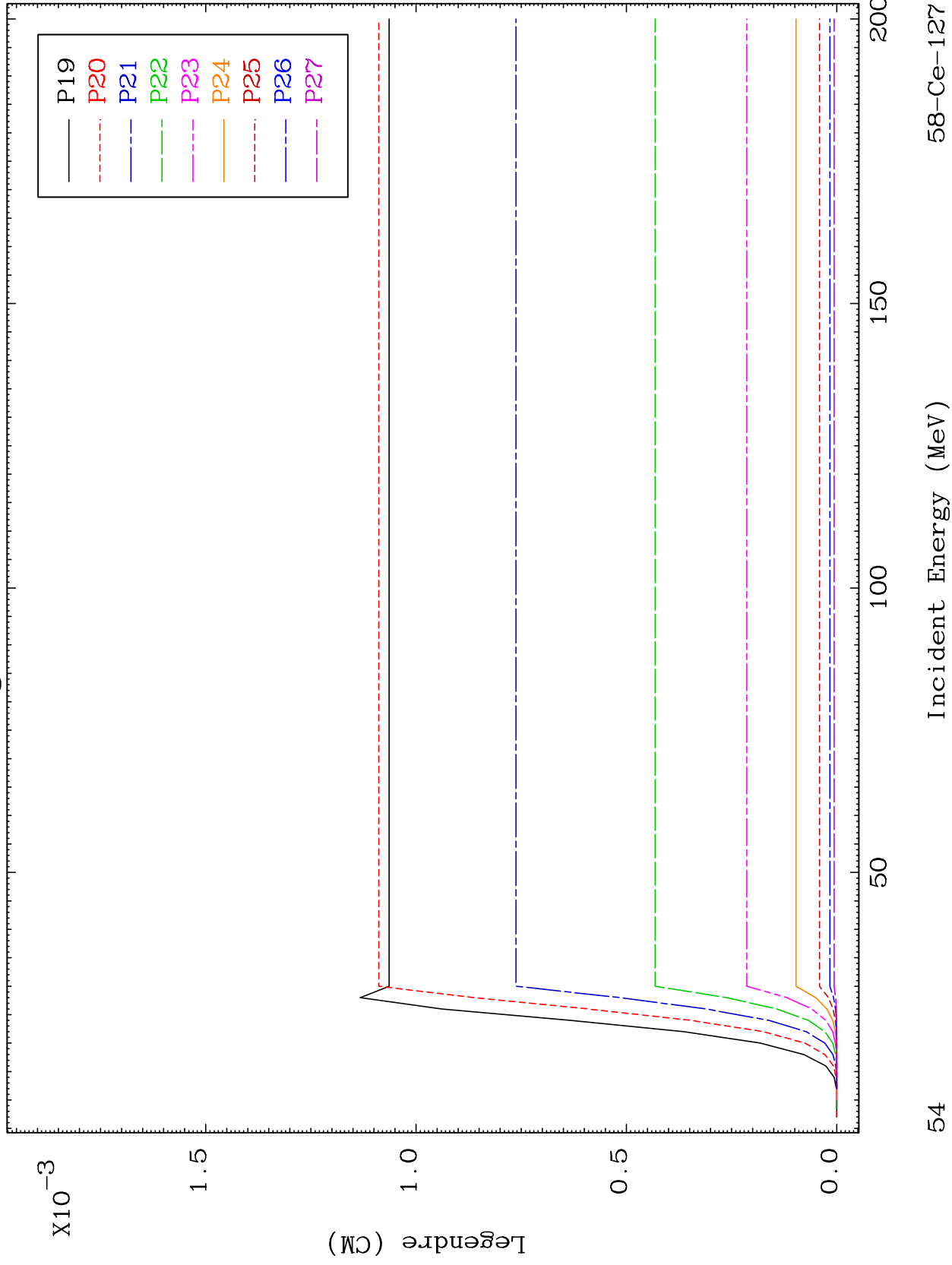
52



MAT 5798

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

58-Ce-127



54

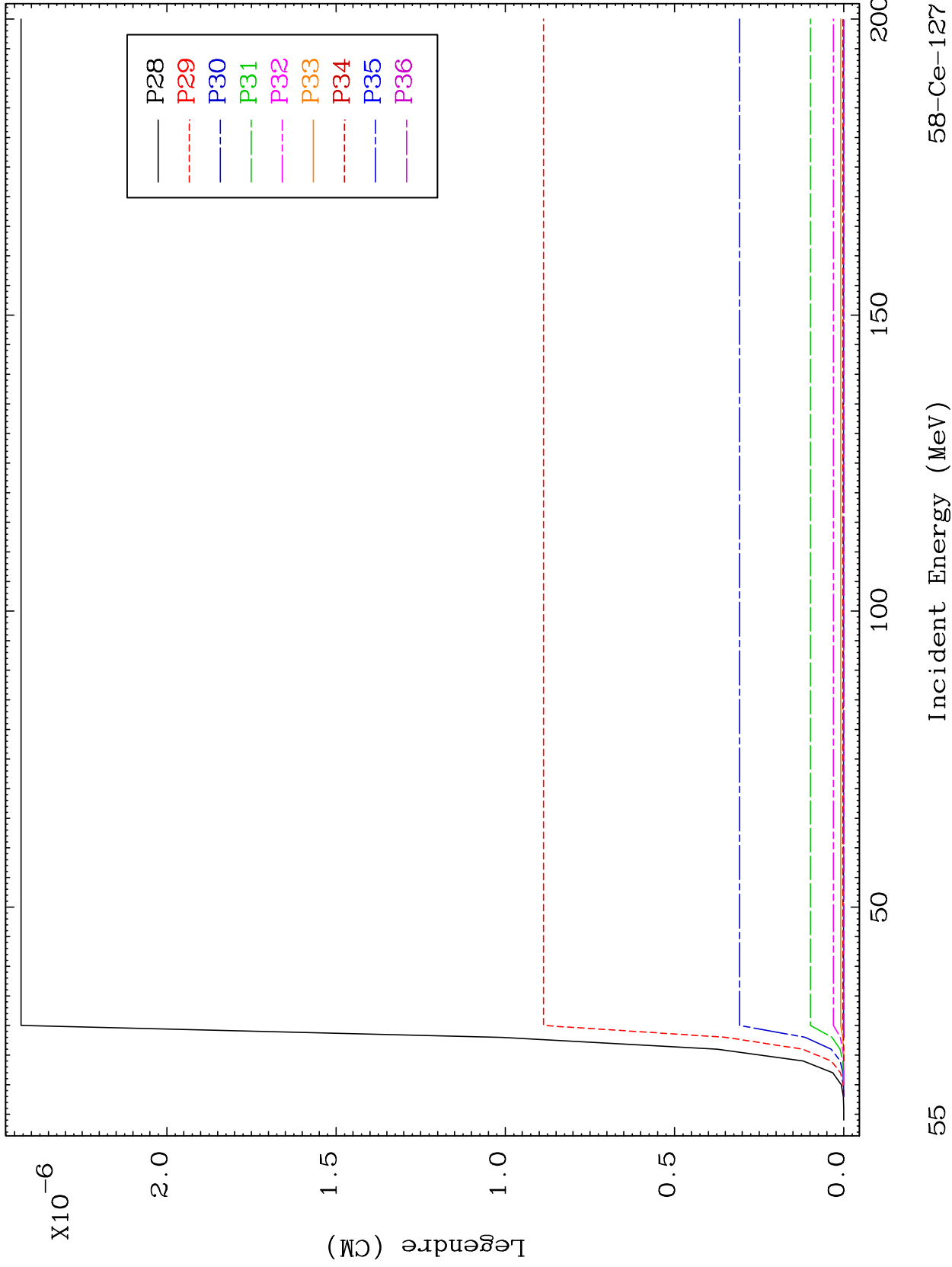
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



55

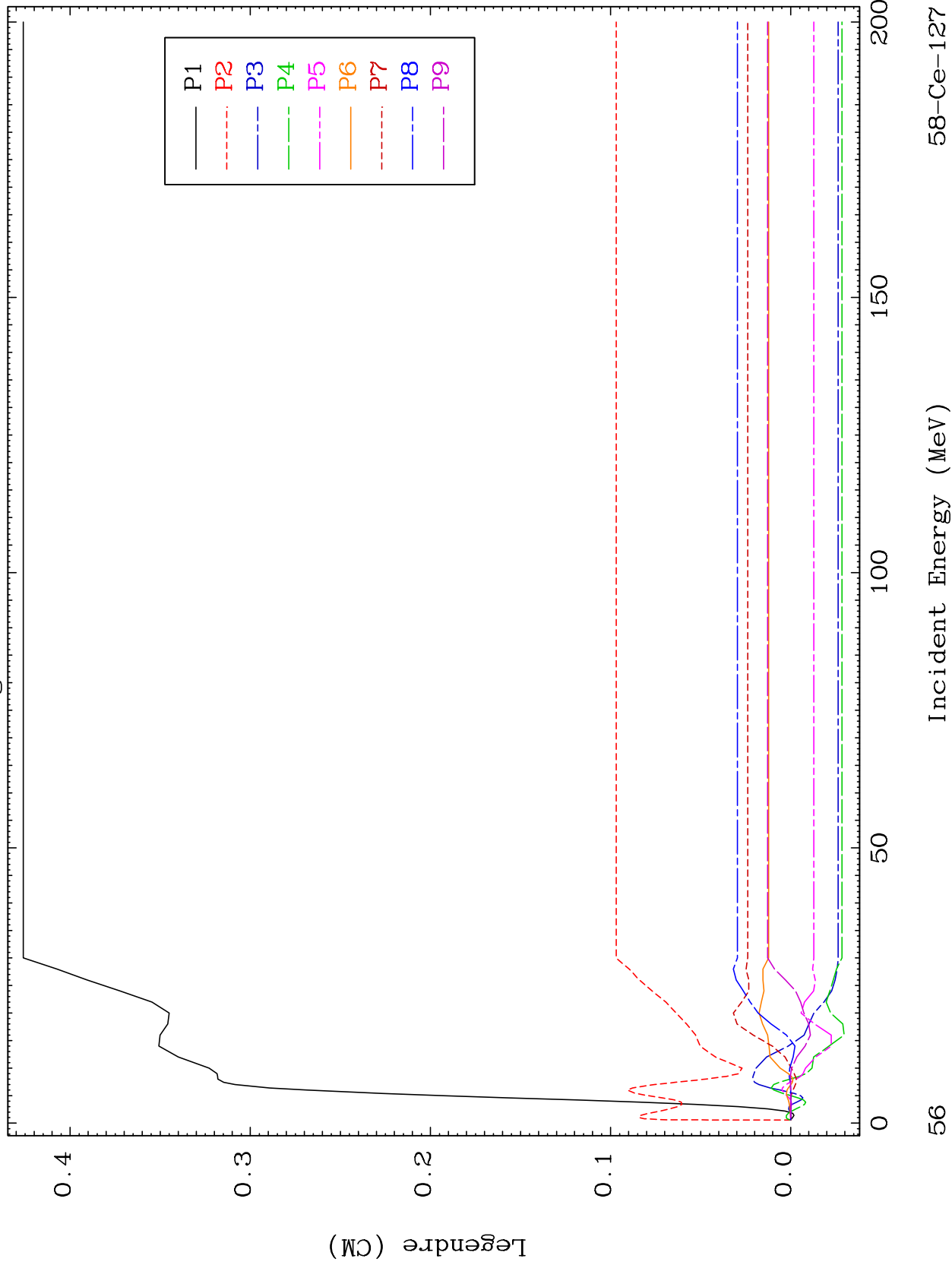
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



58-Ce-127

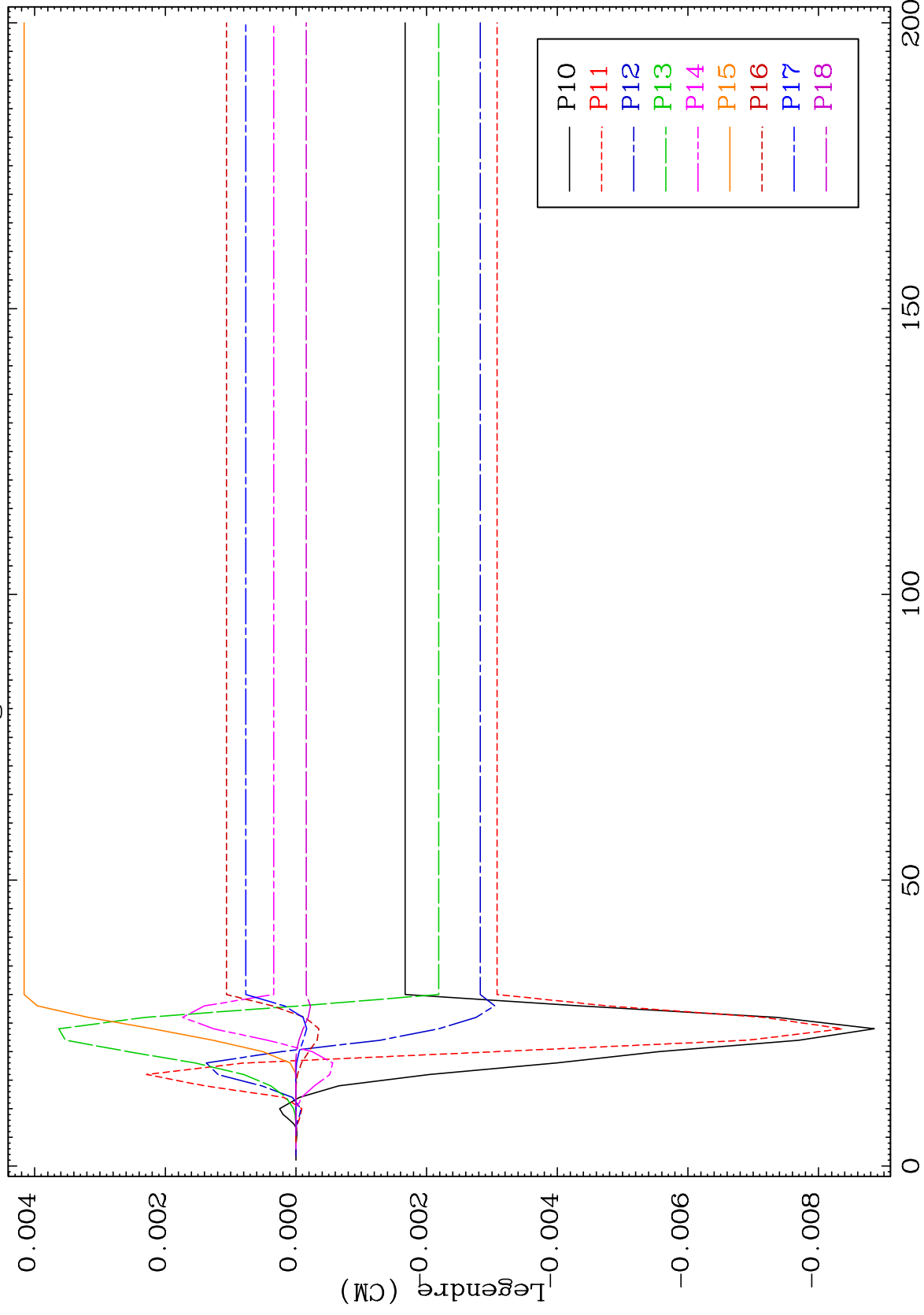
Incident Energy (MeV)

56

MAT 5798

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

58-Ce-127



57

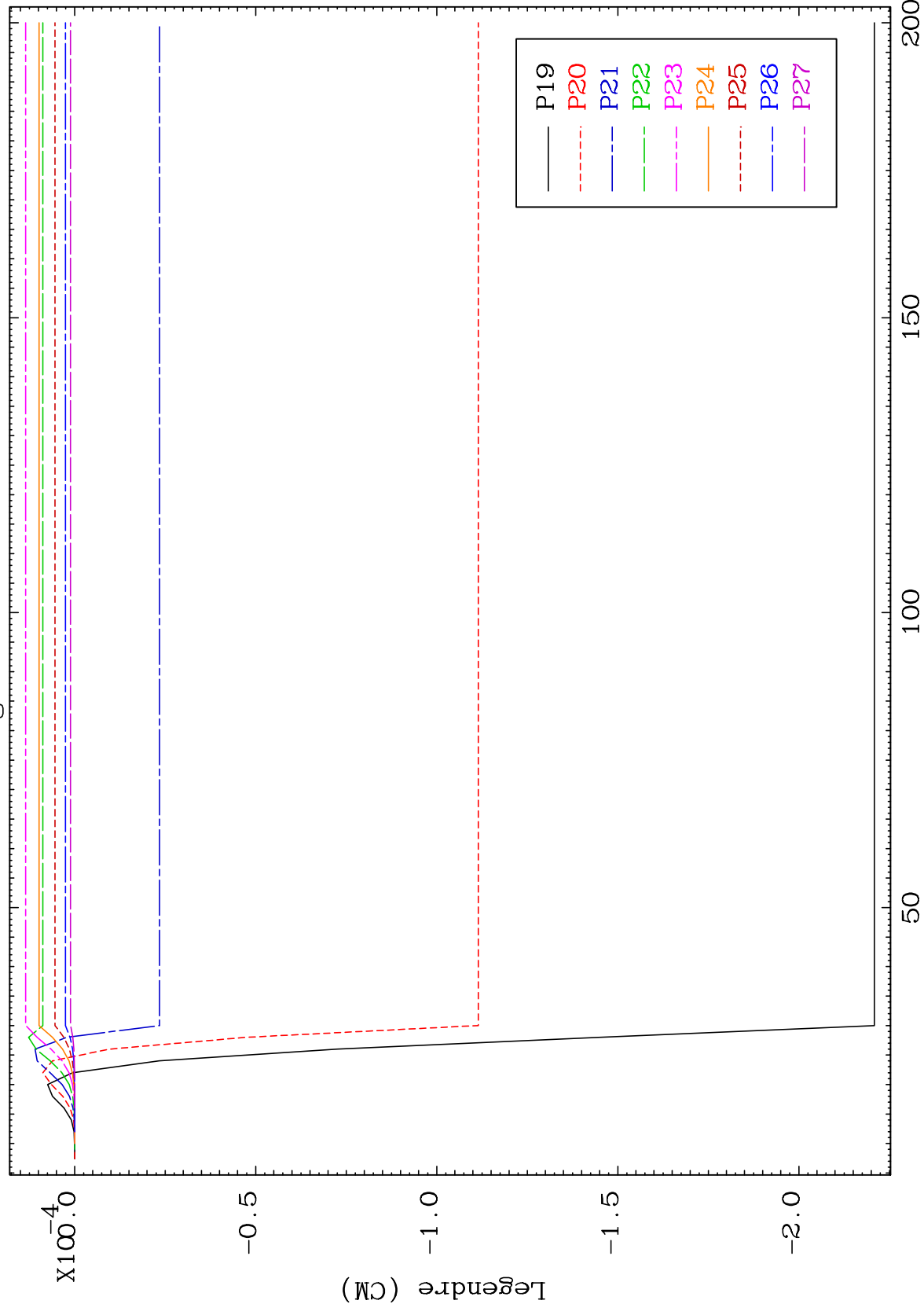
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



58

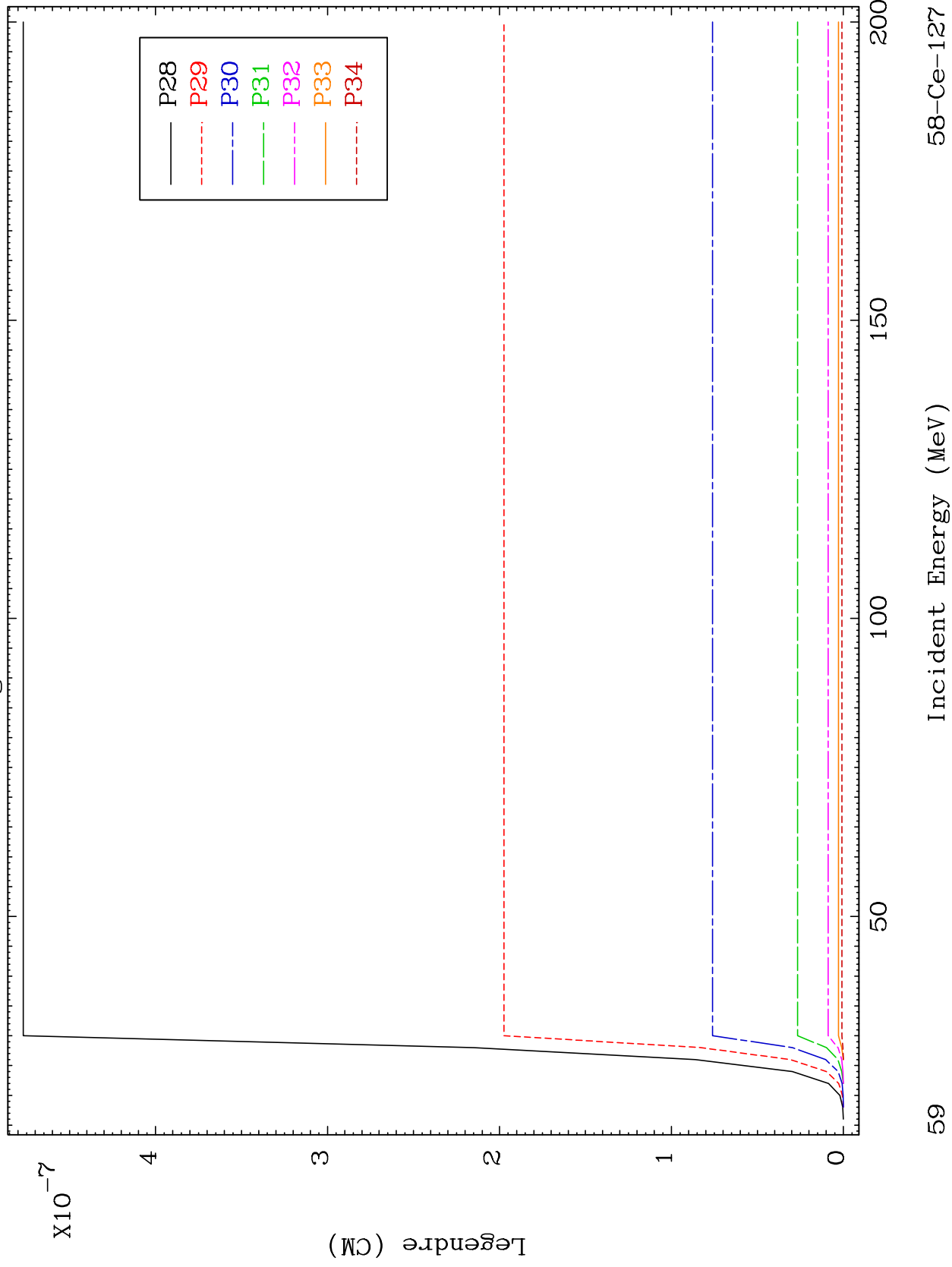
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



59

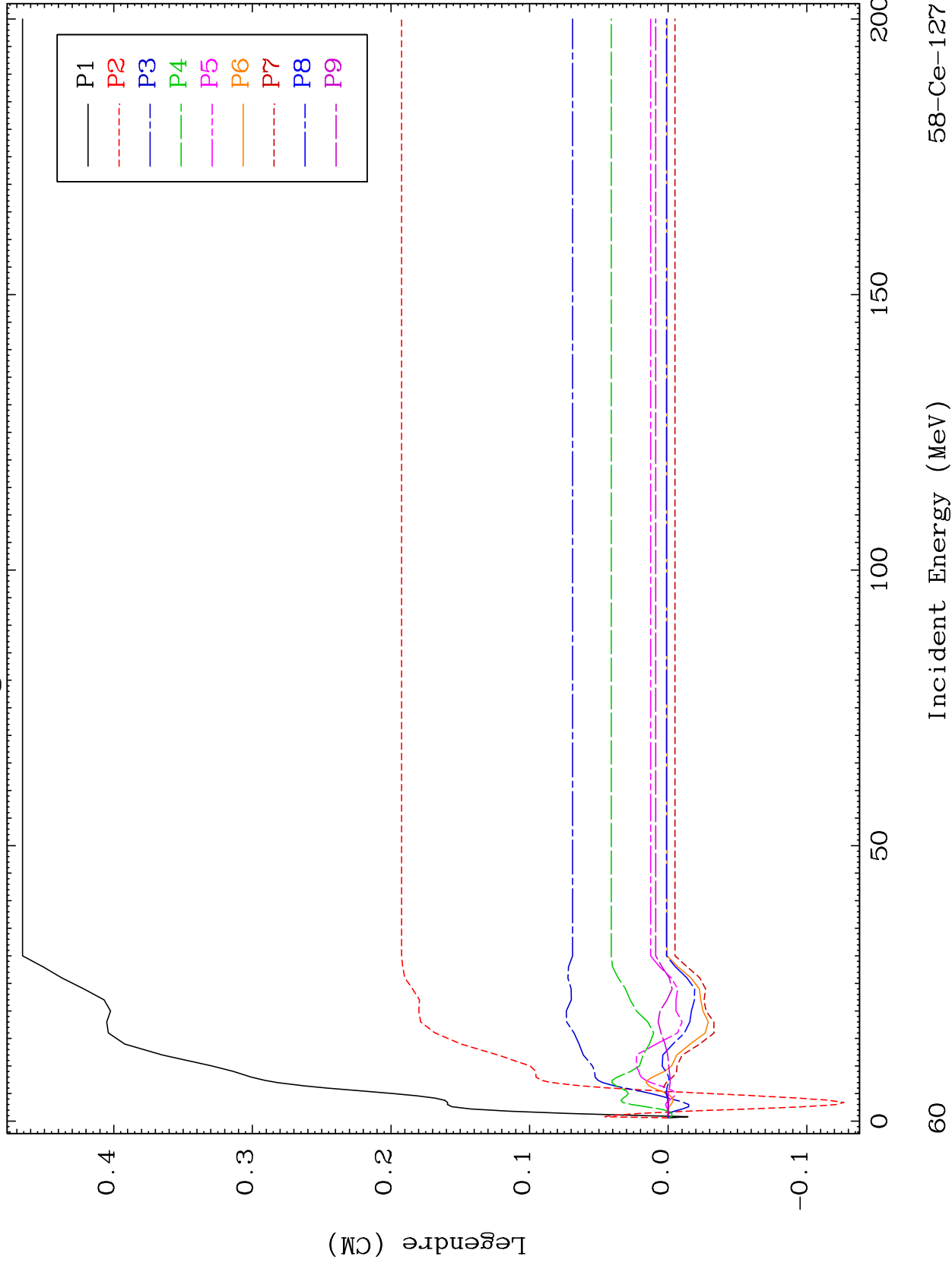
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



58-Ce-127

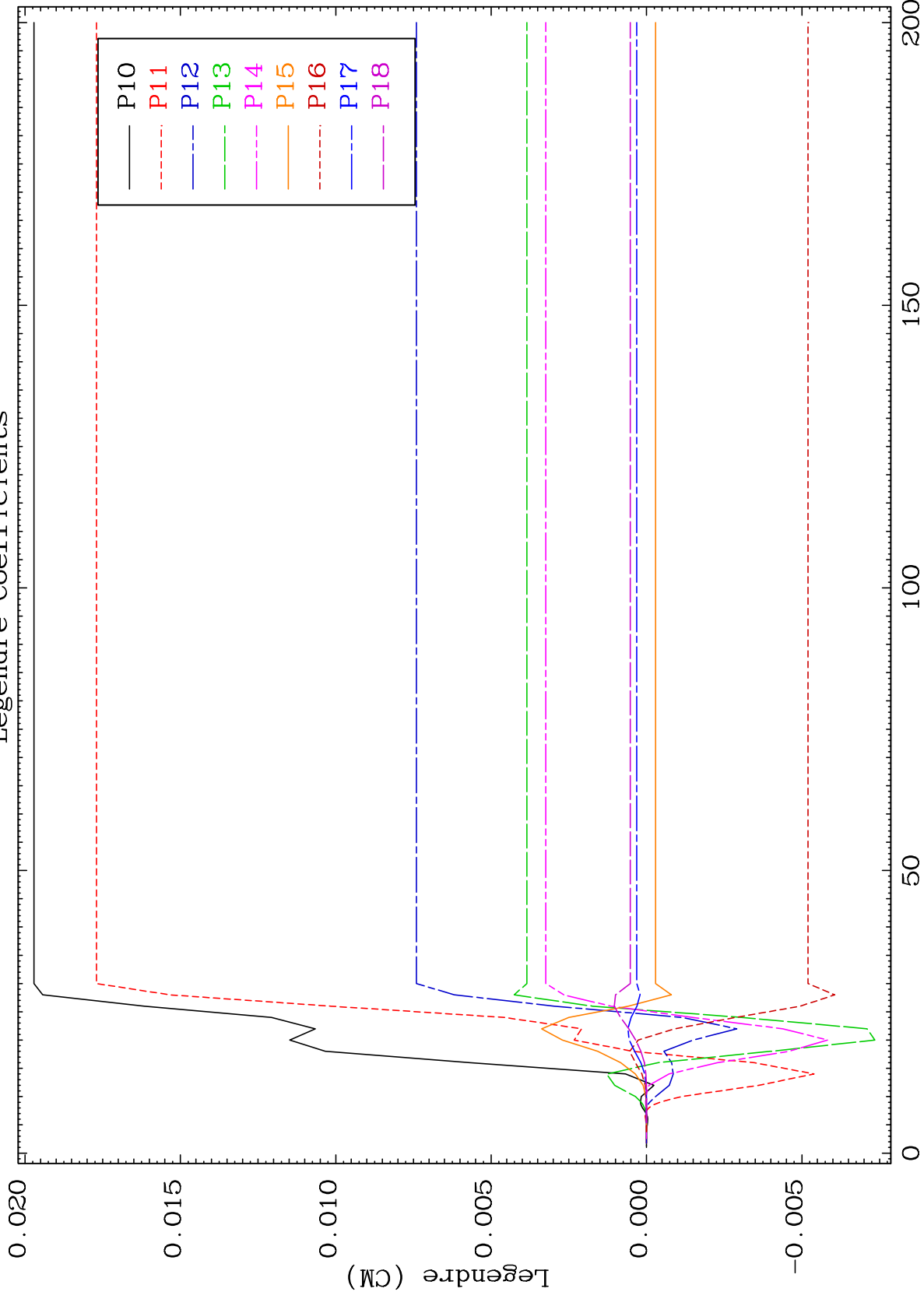
Incident Energy (MeV)

60

MAT 5798

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

58-Ce-127



61

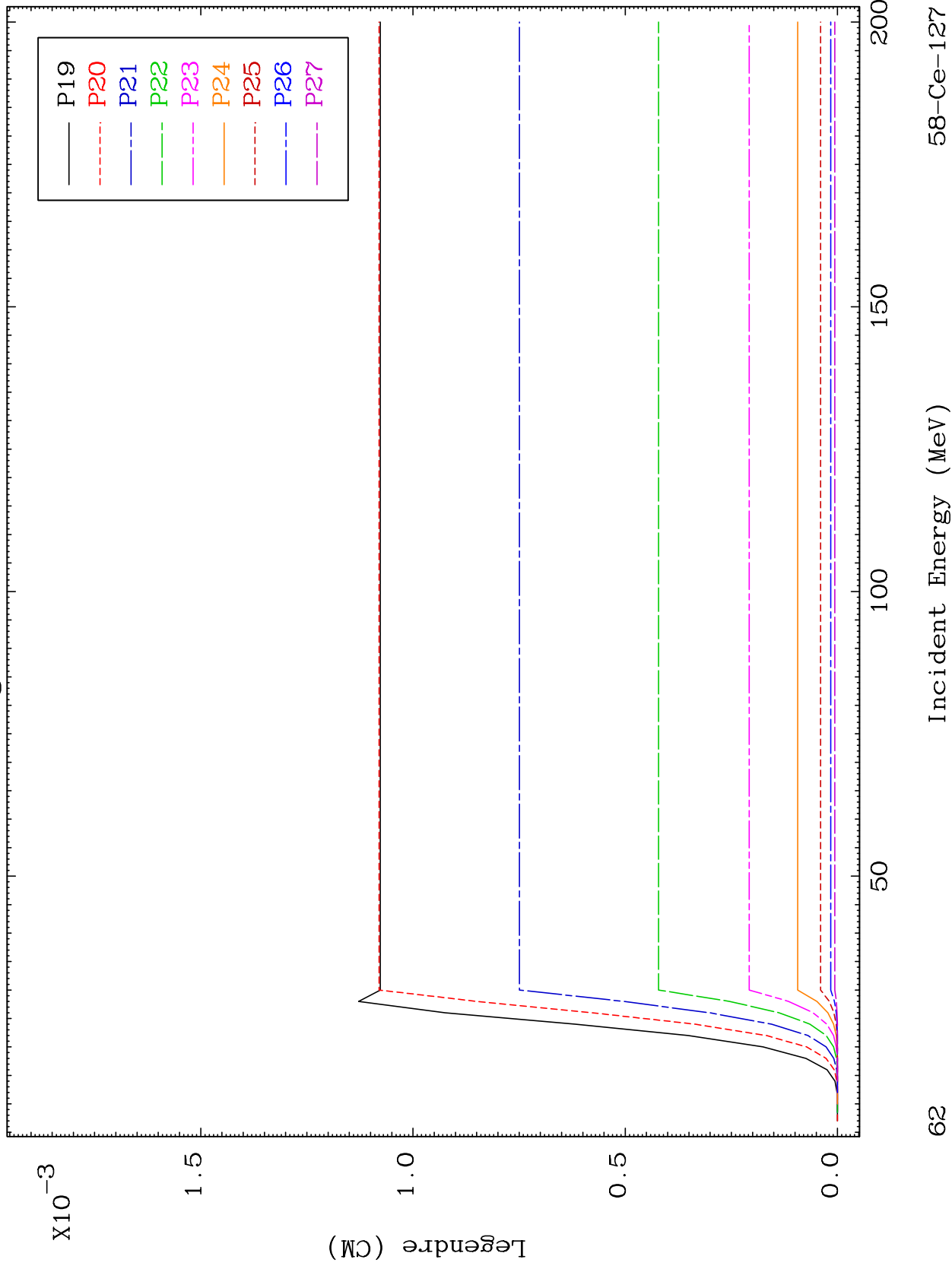
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

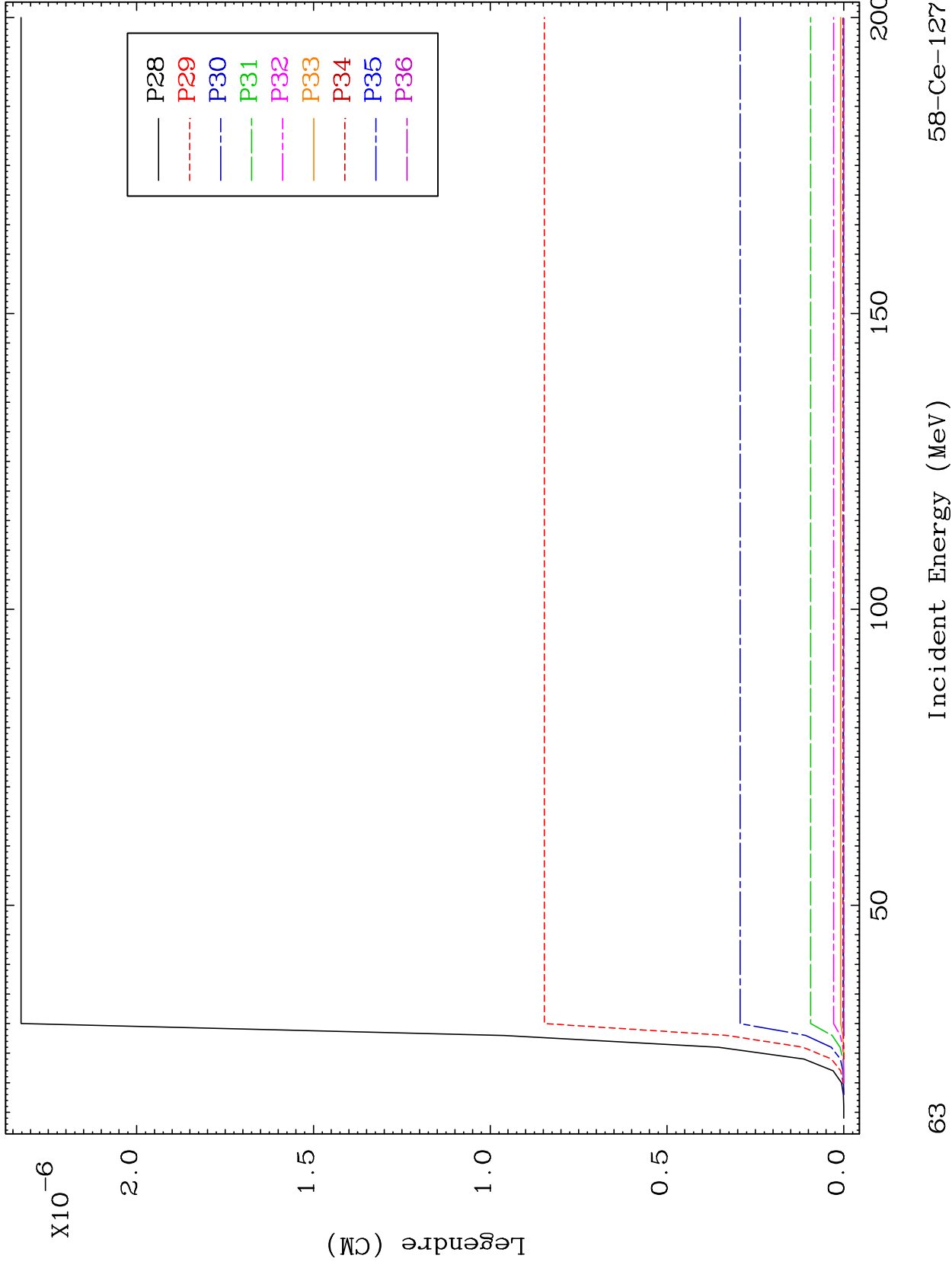
58-Ce-127



MAT 5798

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

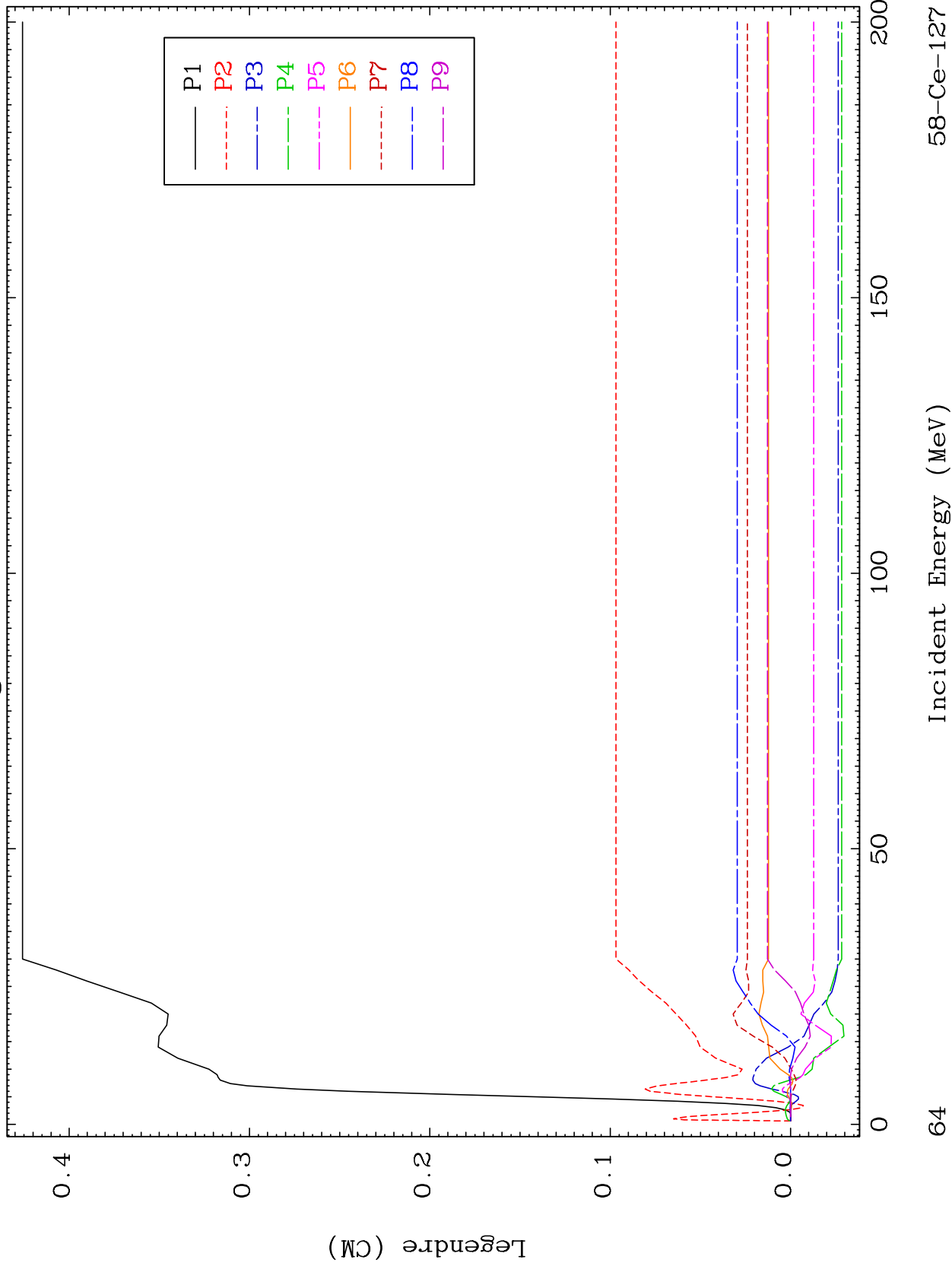
58-Ce-127



MAT 5798

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

58-Ce-127



58-Ce-127

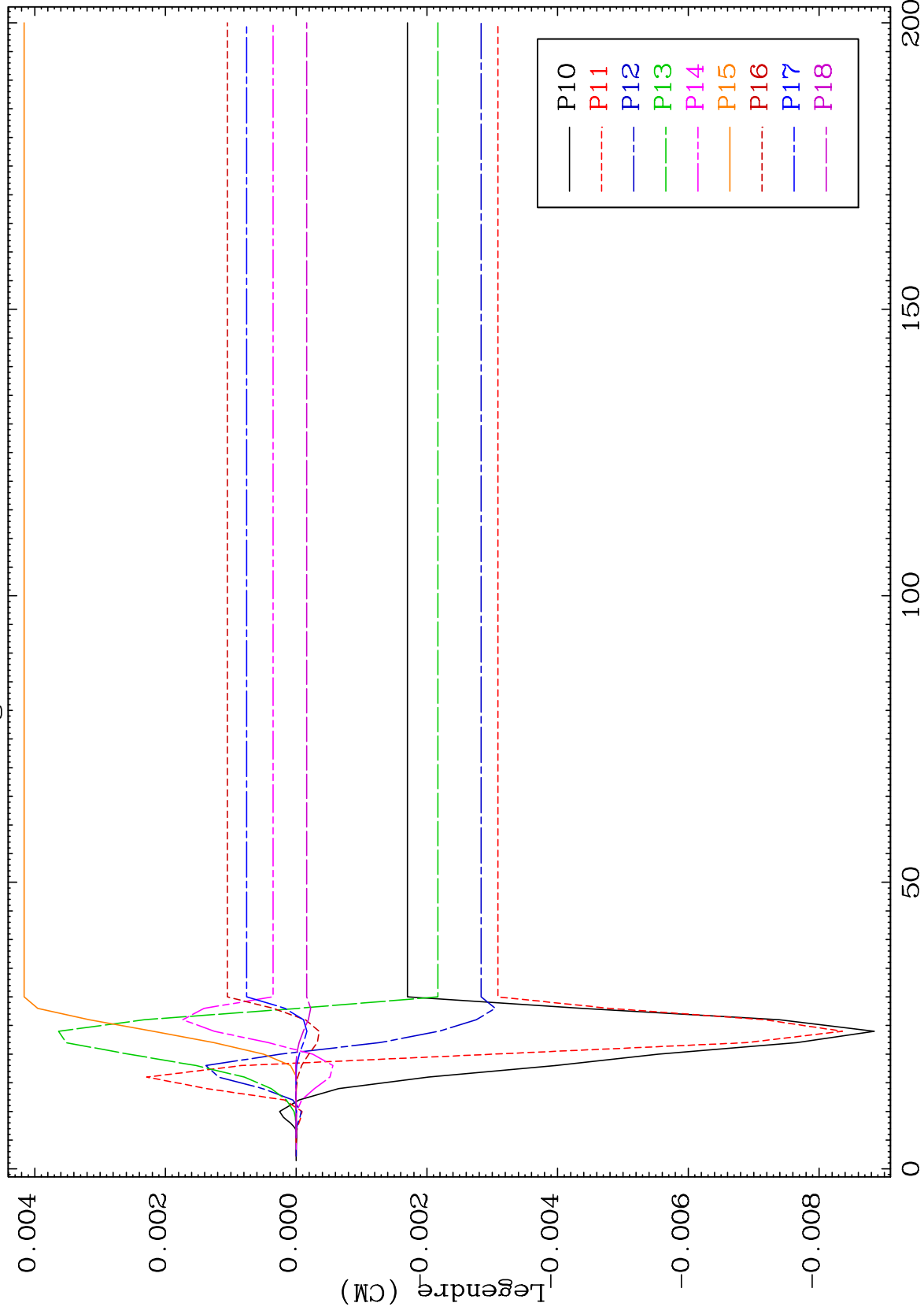
Incident Energy (MeV)

64

MAT 5798

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

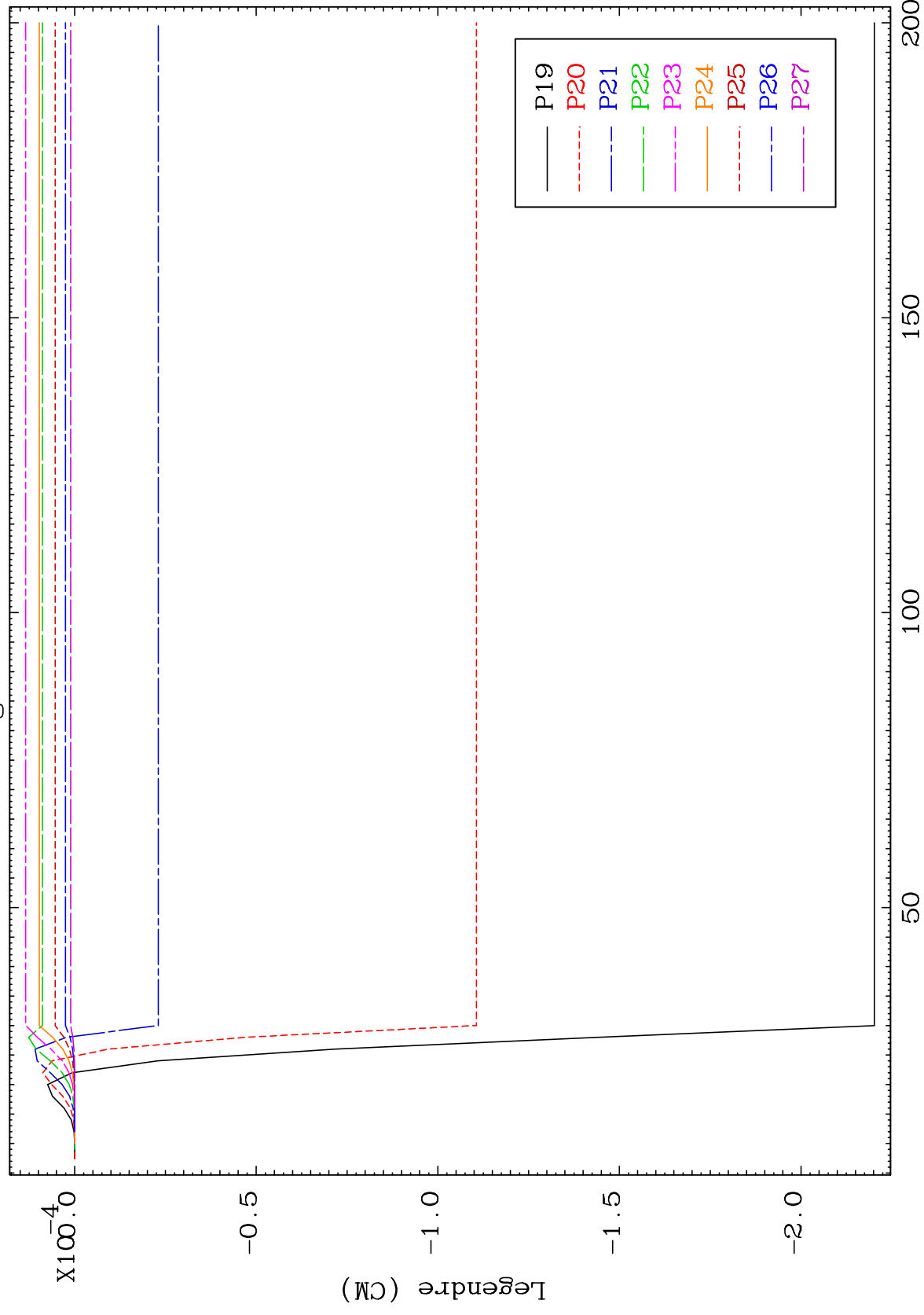
58-Ce-127



65

Incident Energy (MeV)

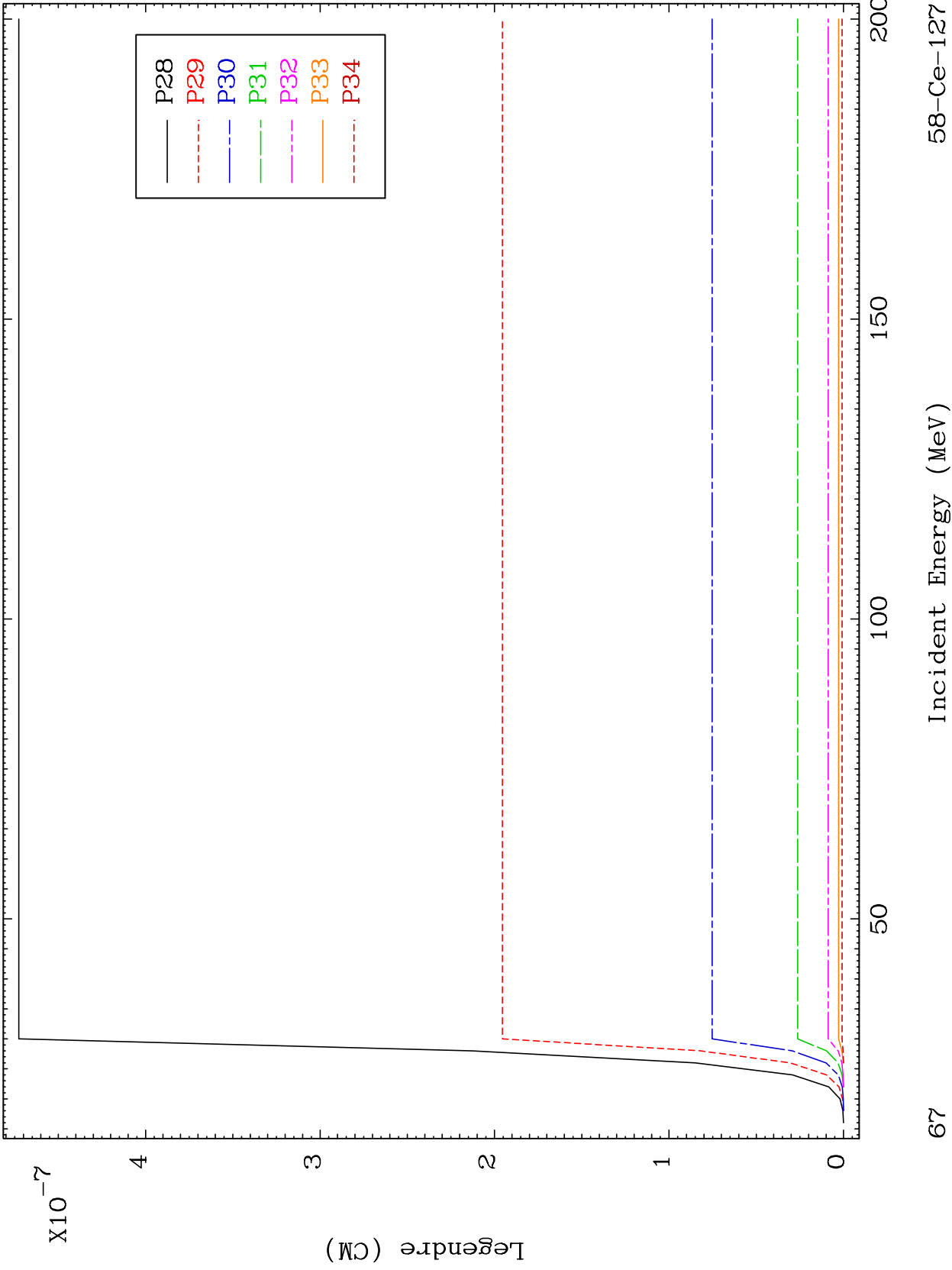
58-Ce-127



MAT 5798

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

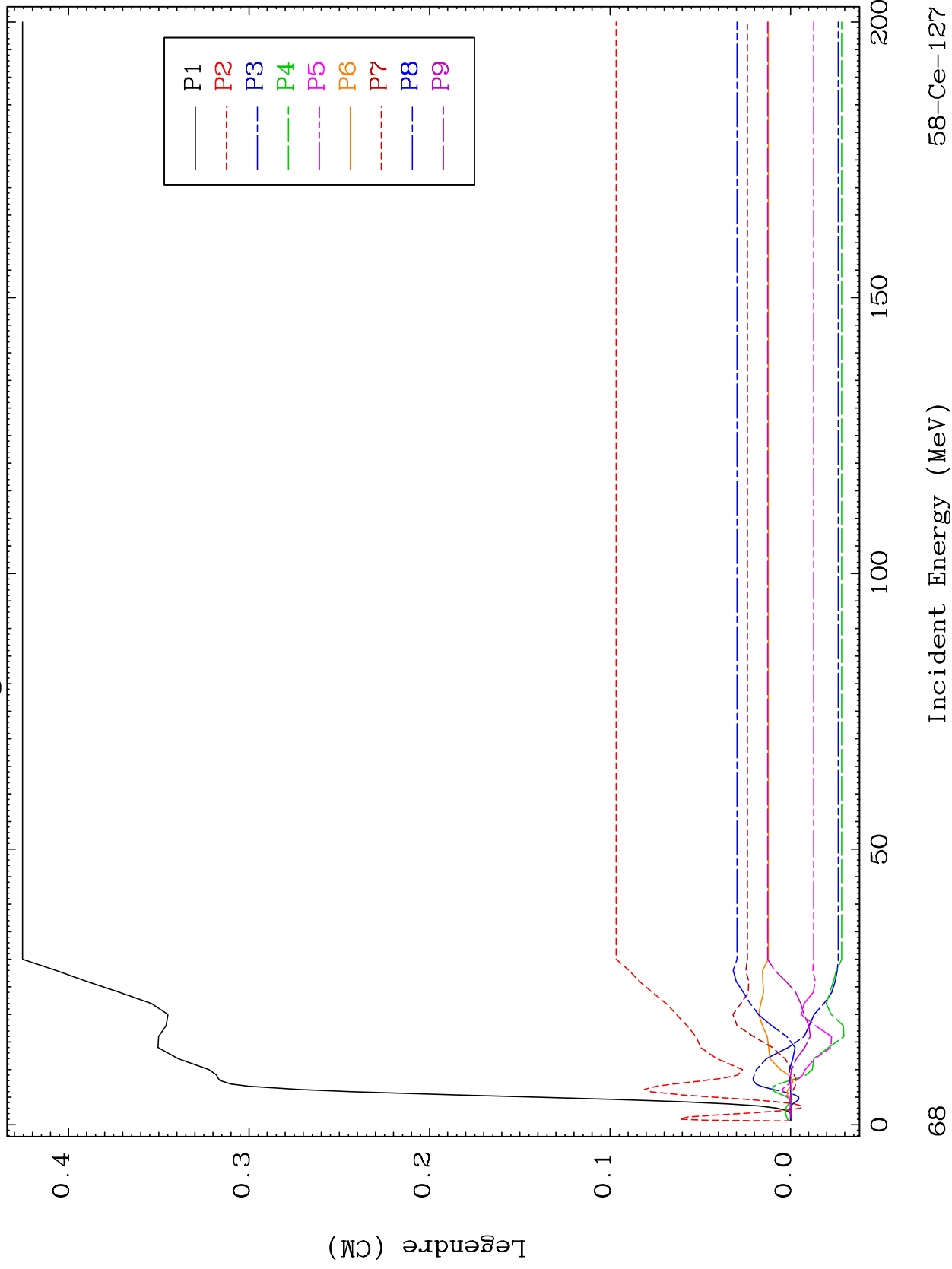
58-Ce-127



MAT 5798

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

58-Ce-127



58-Ce-127

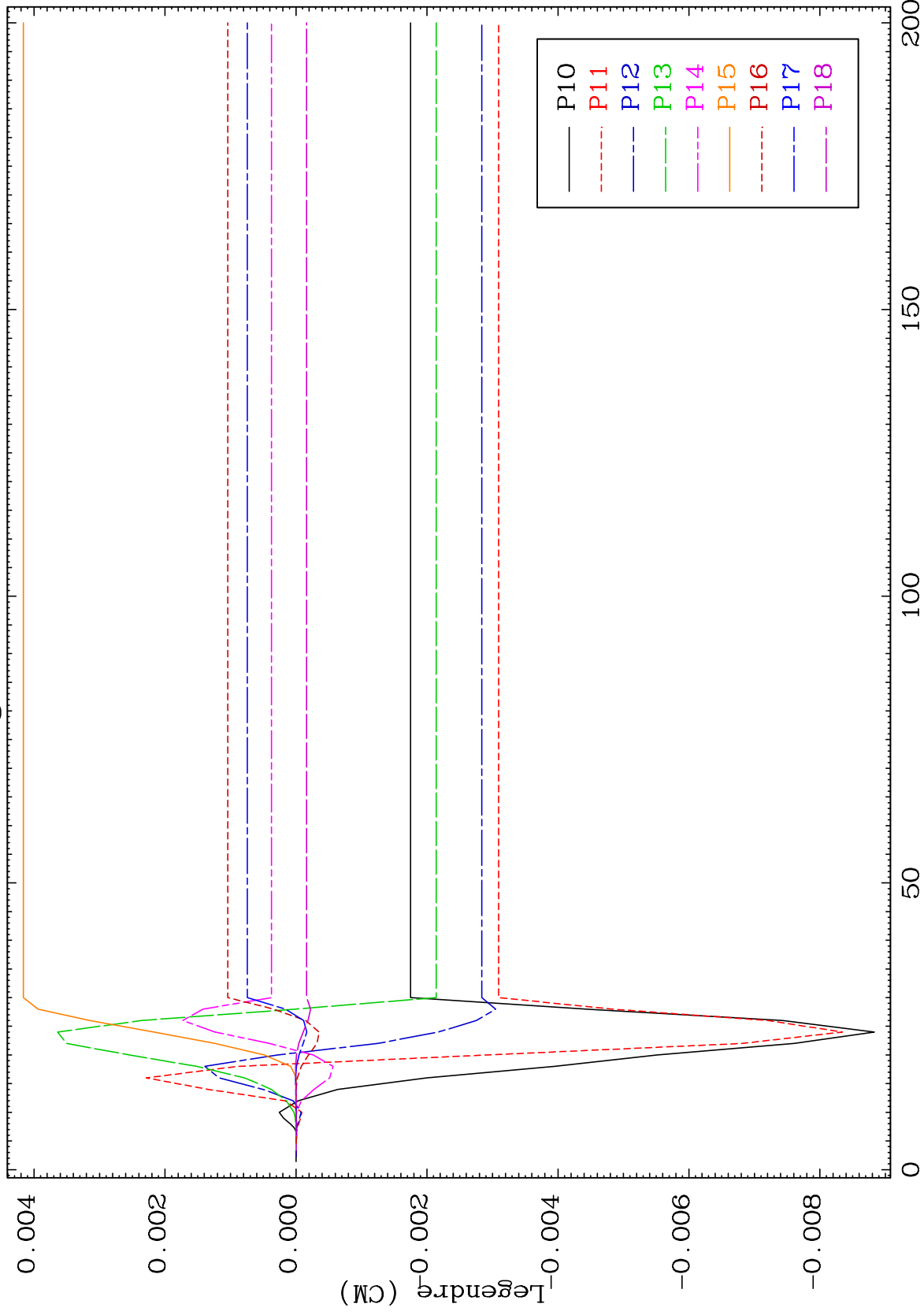
Incident Energy (MeV)

68

MAT 5798

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

58-Ce-127



69

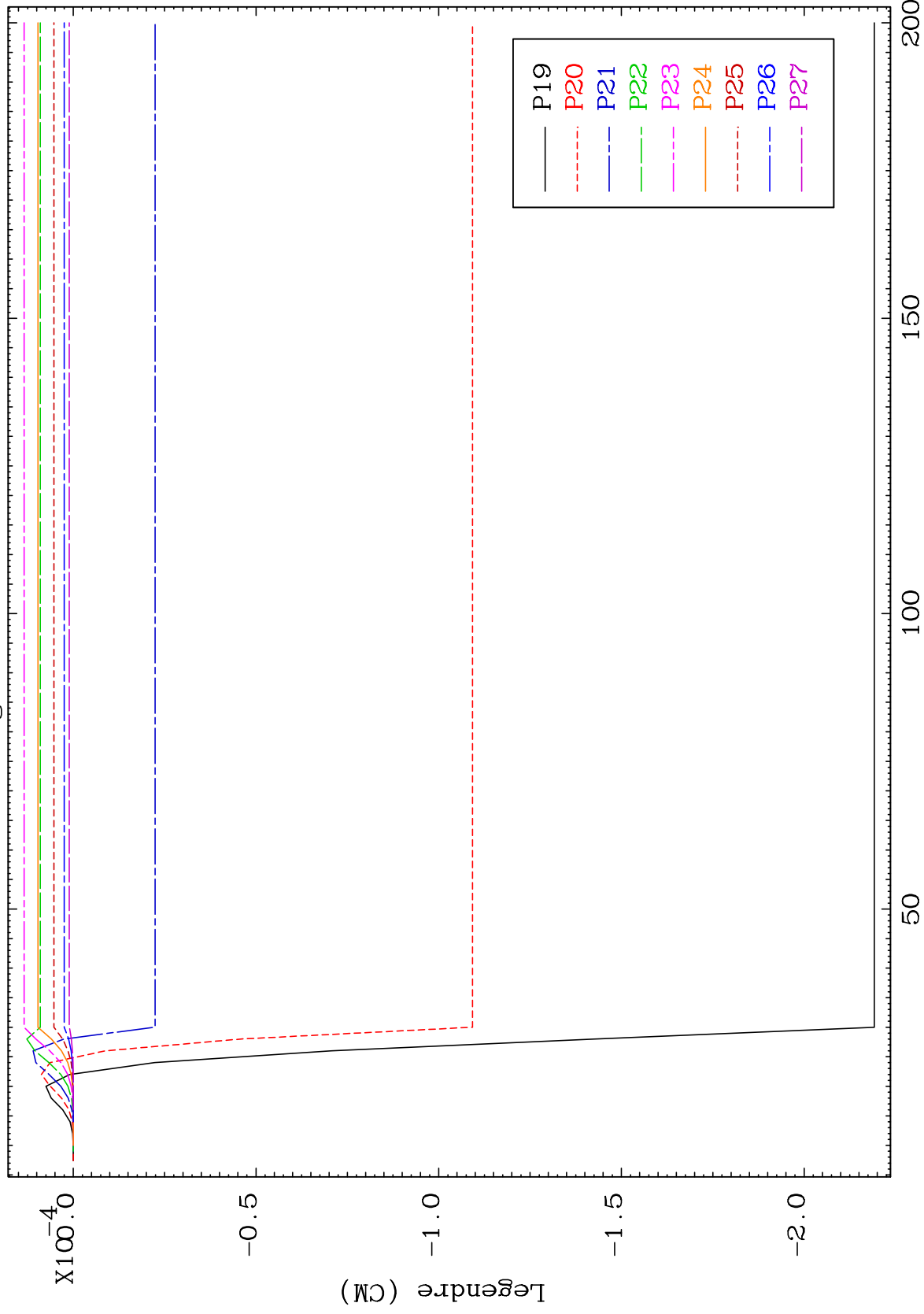
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



70

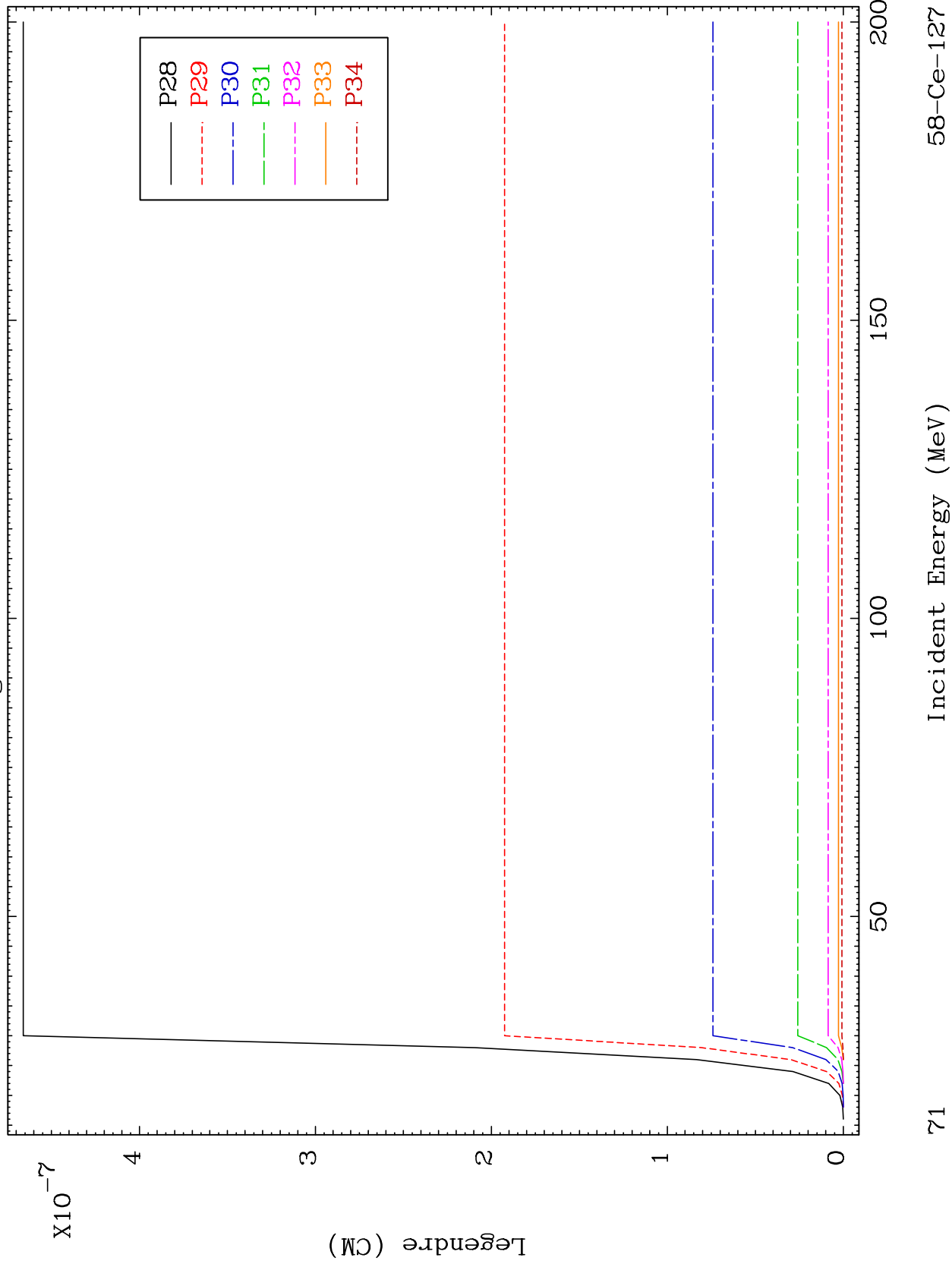
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

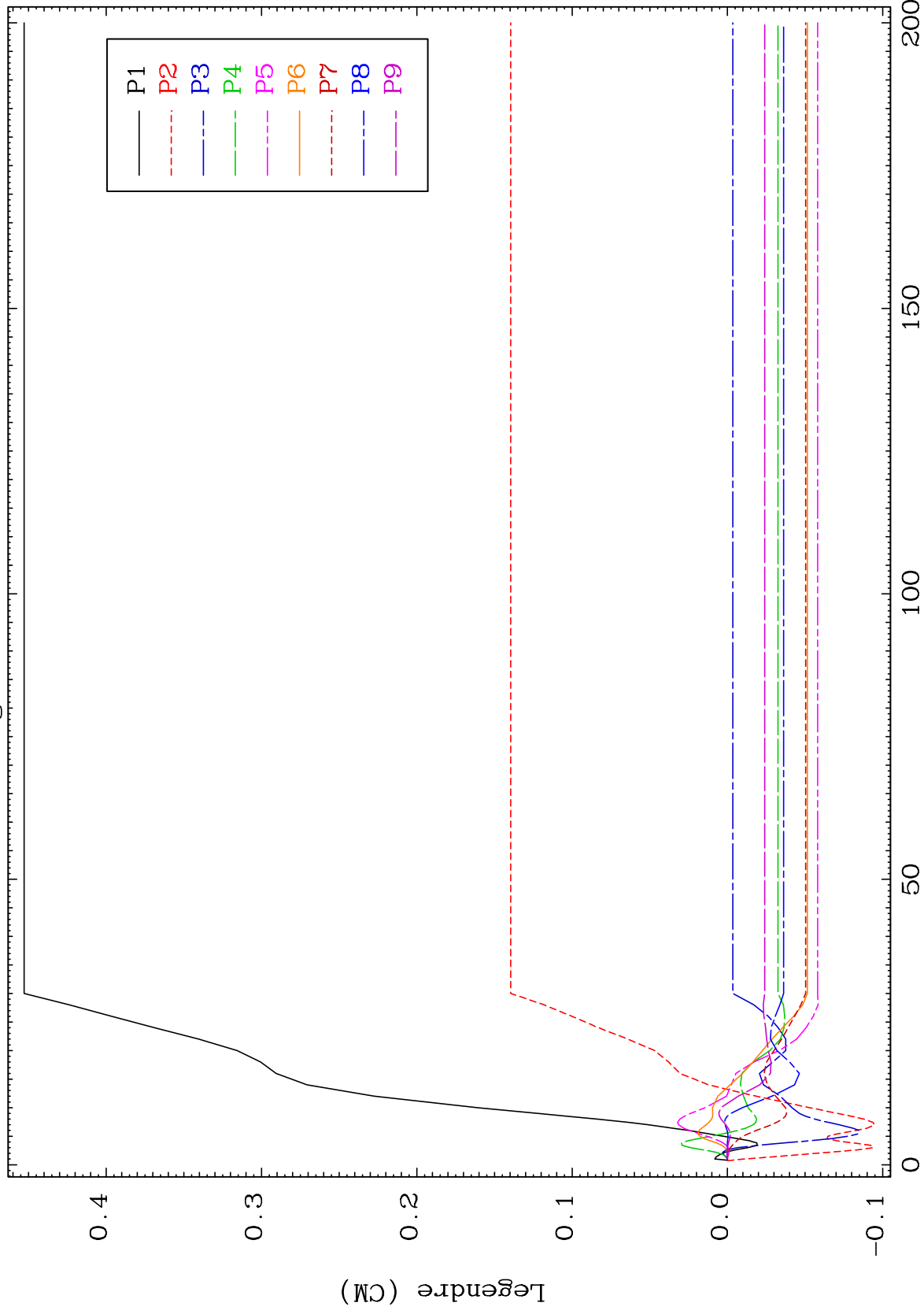
58-Ce-127



MAT 5798

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

58-Ce-127



72

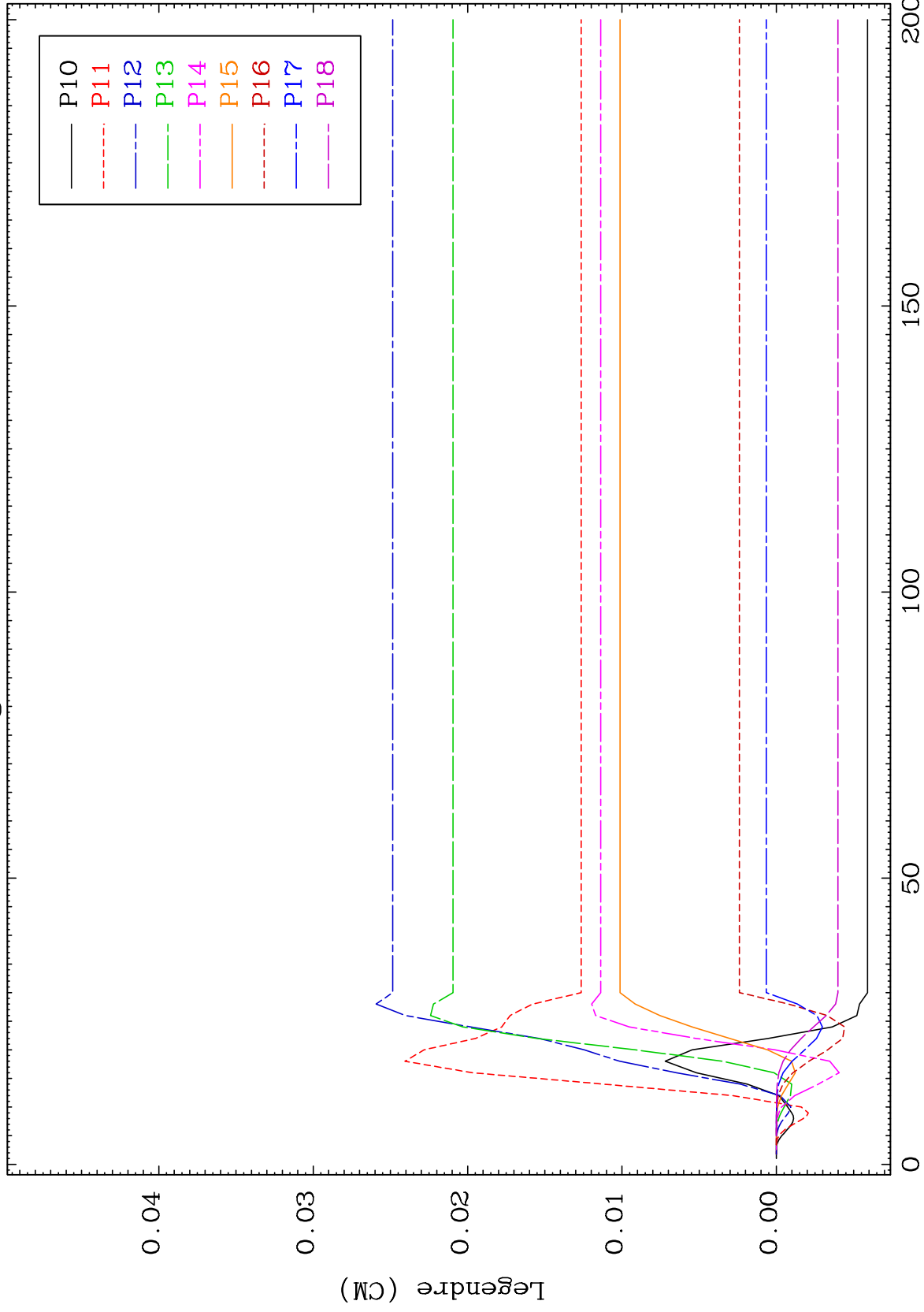
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



73

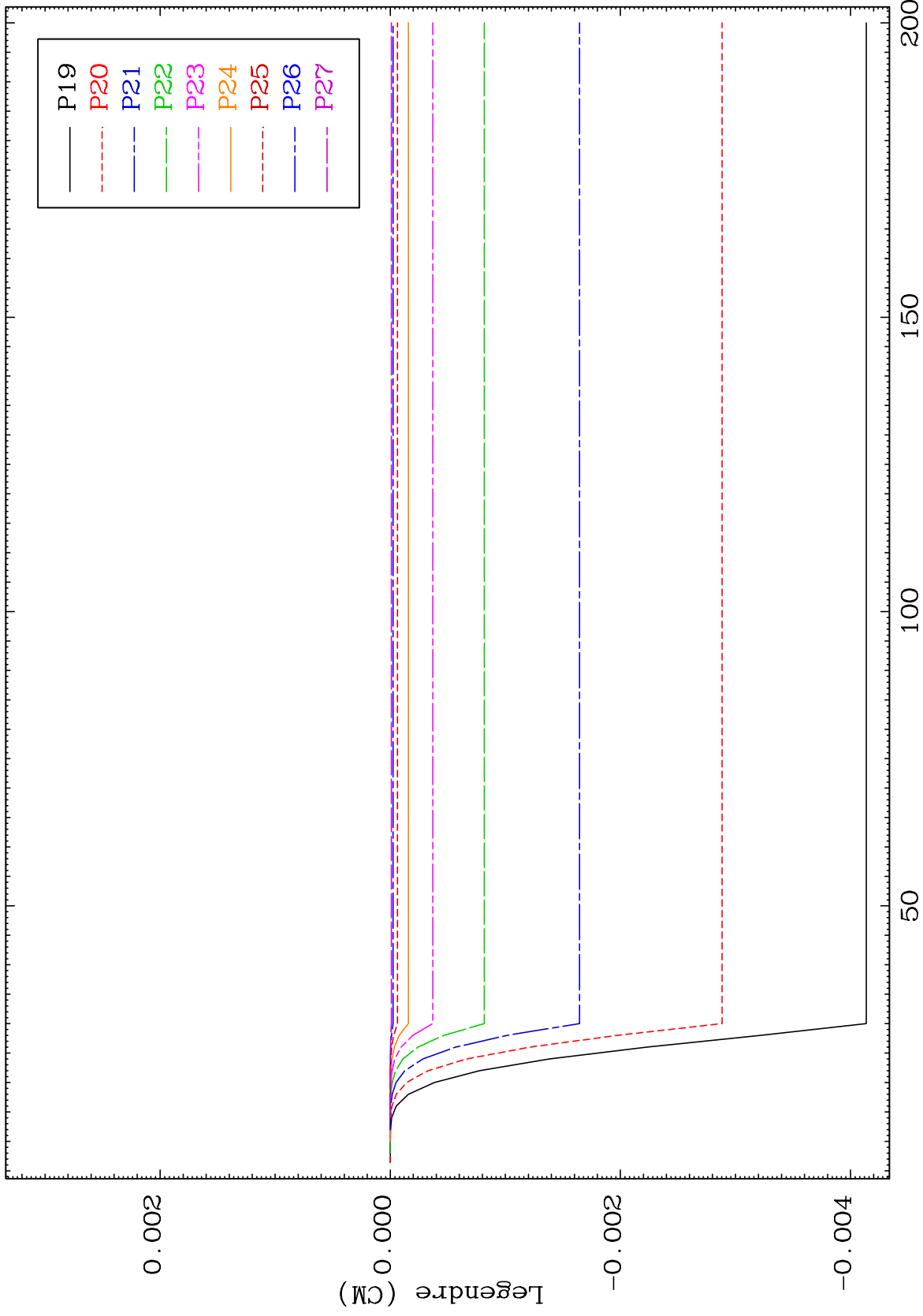
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

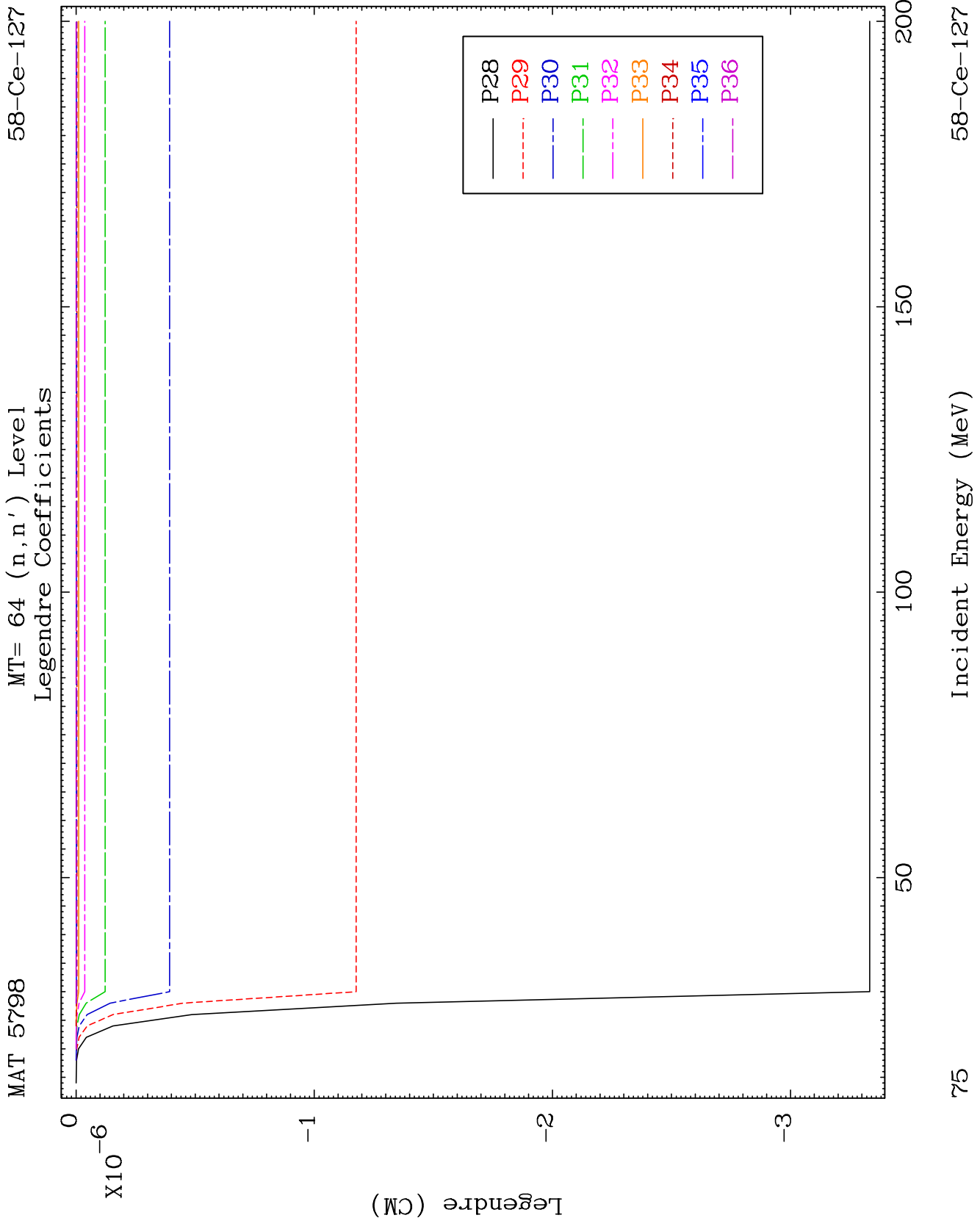
58-Ce-127



74

Incident Energy (MeV)

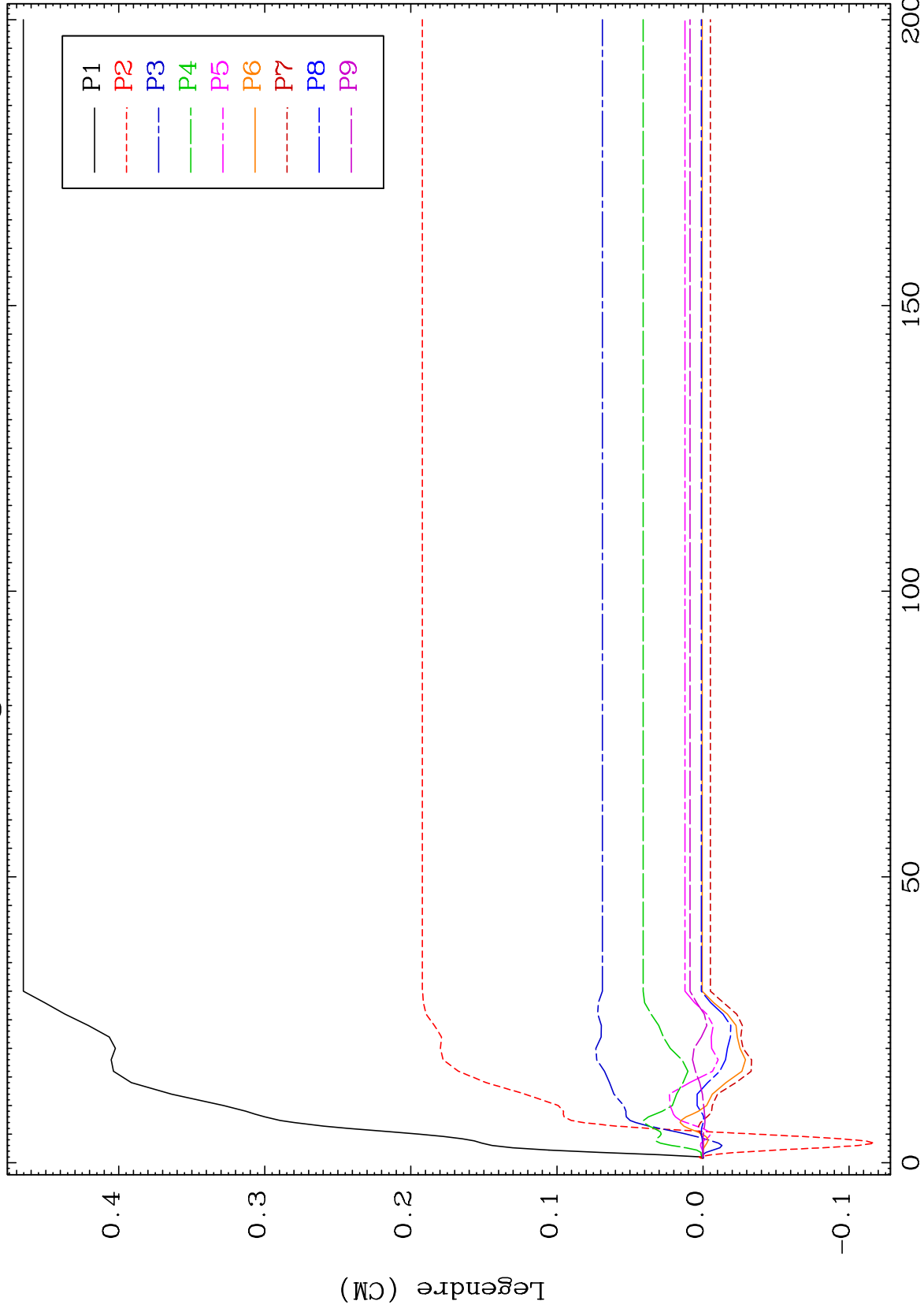
58-Ce-127



MAT 5798

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

58-Ce-127



76

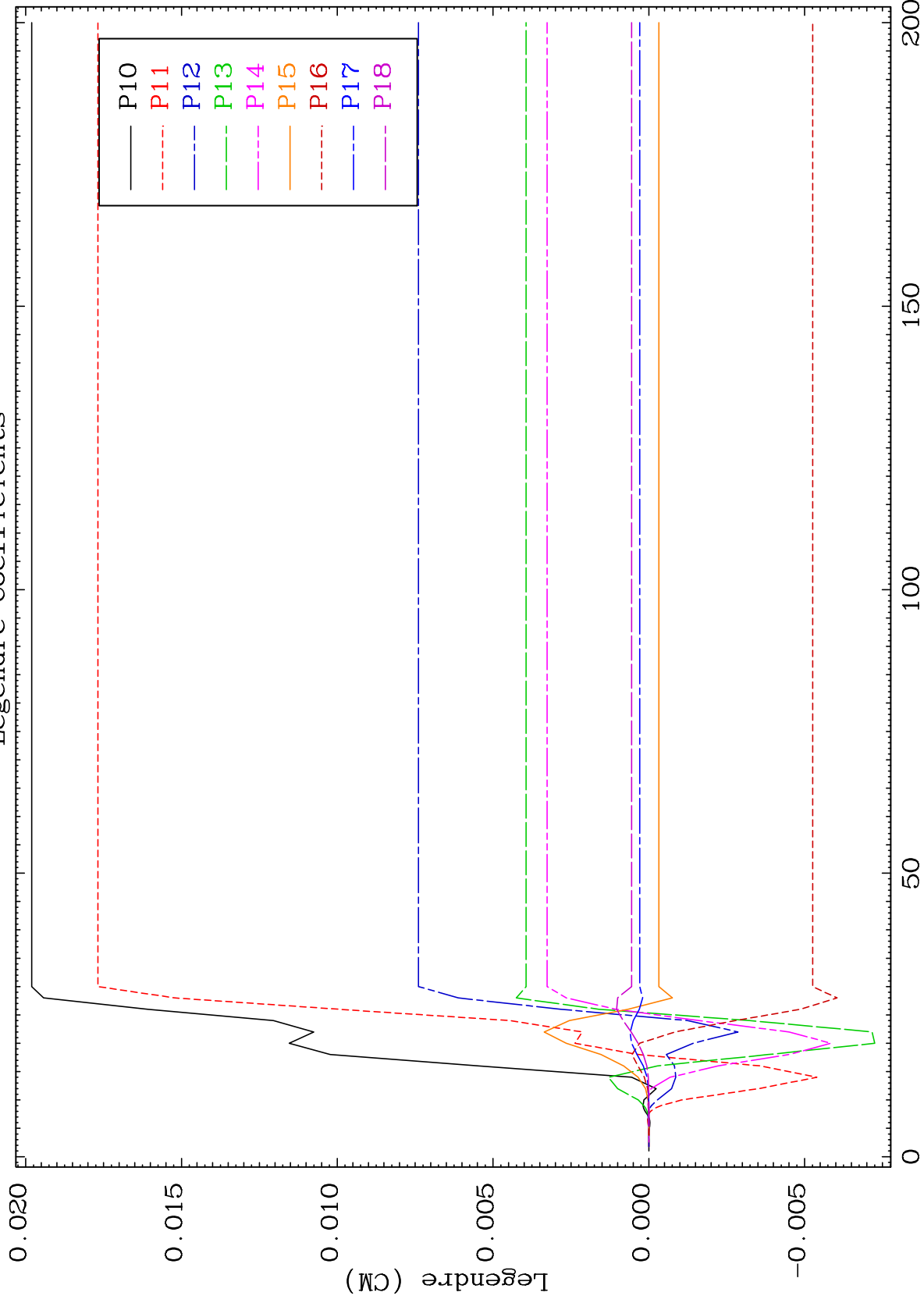
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



77

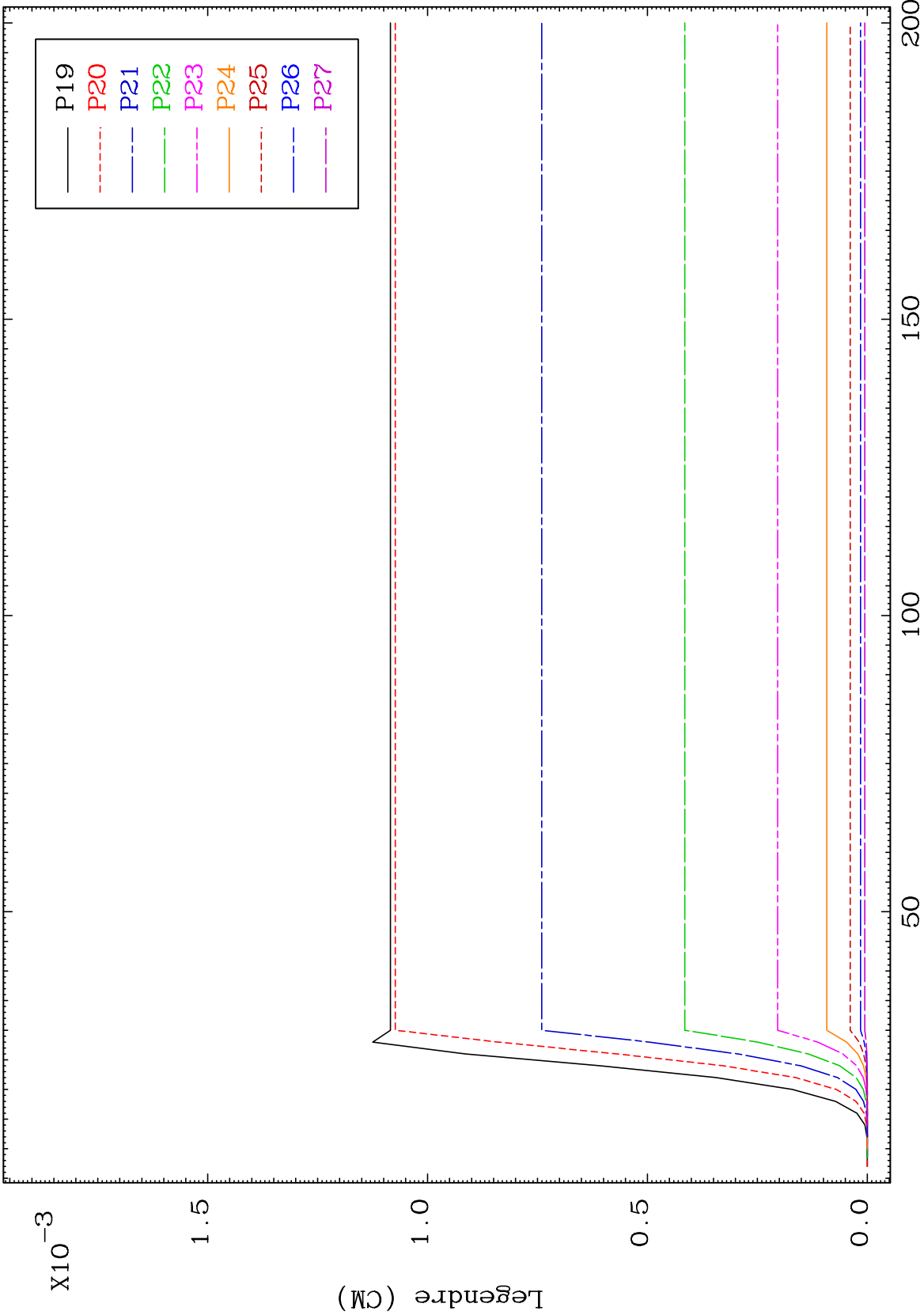
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



78

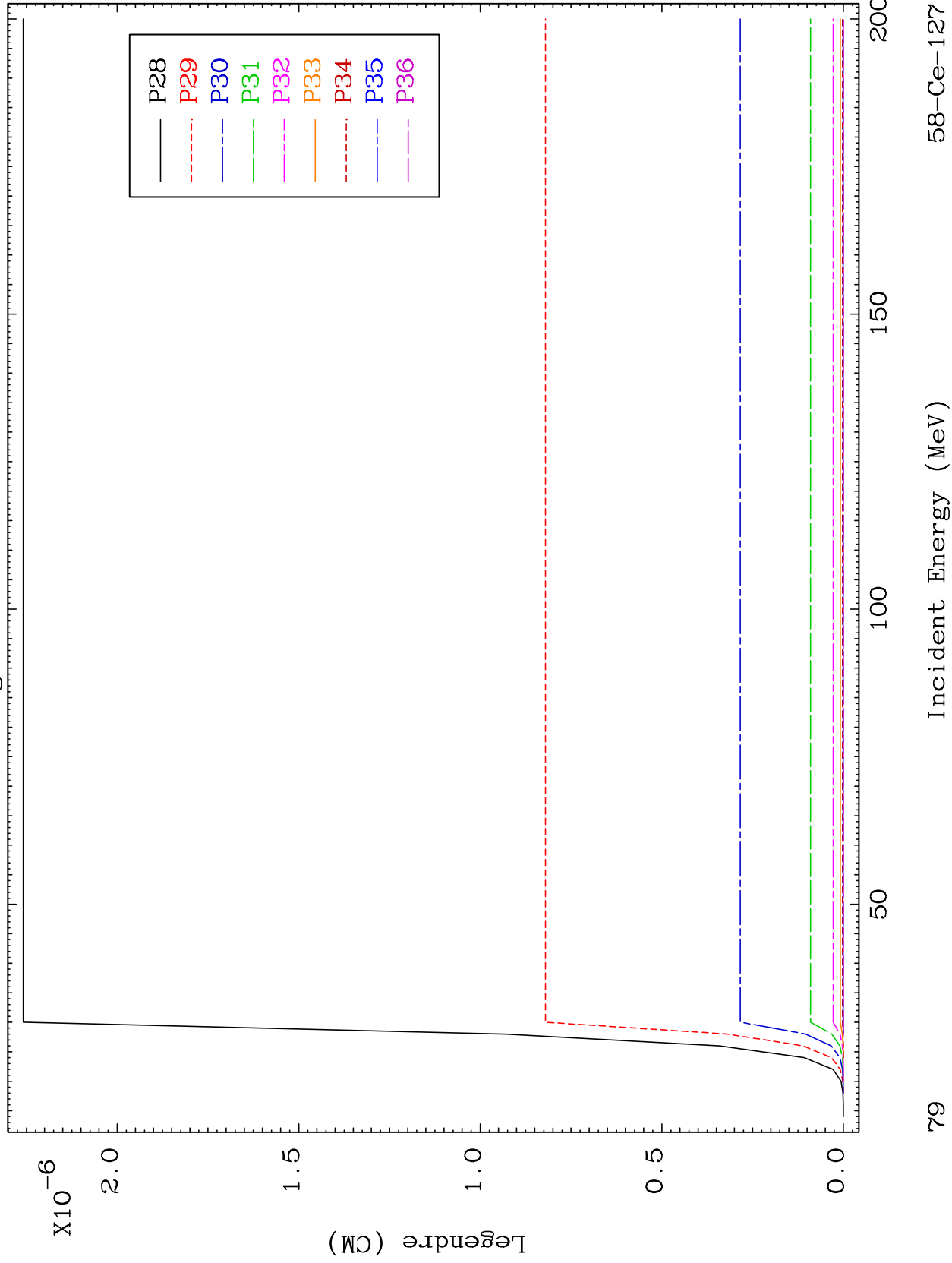
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

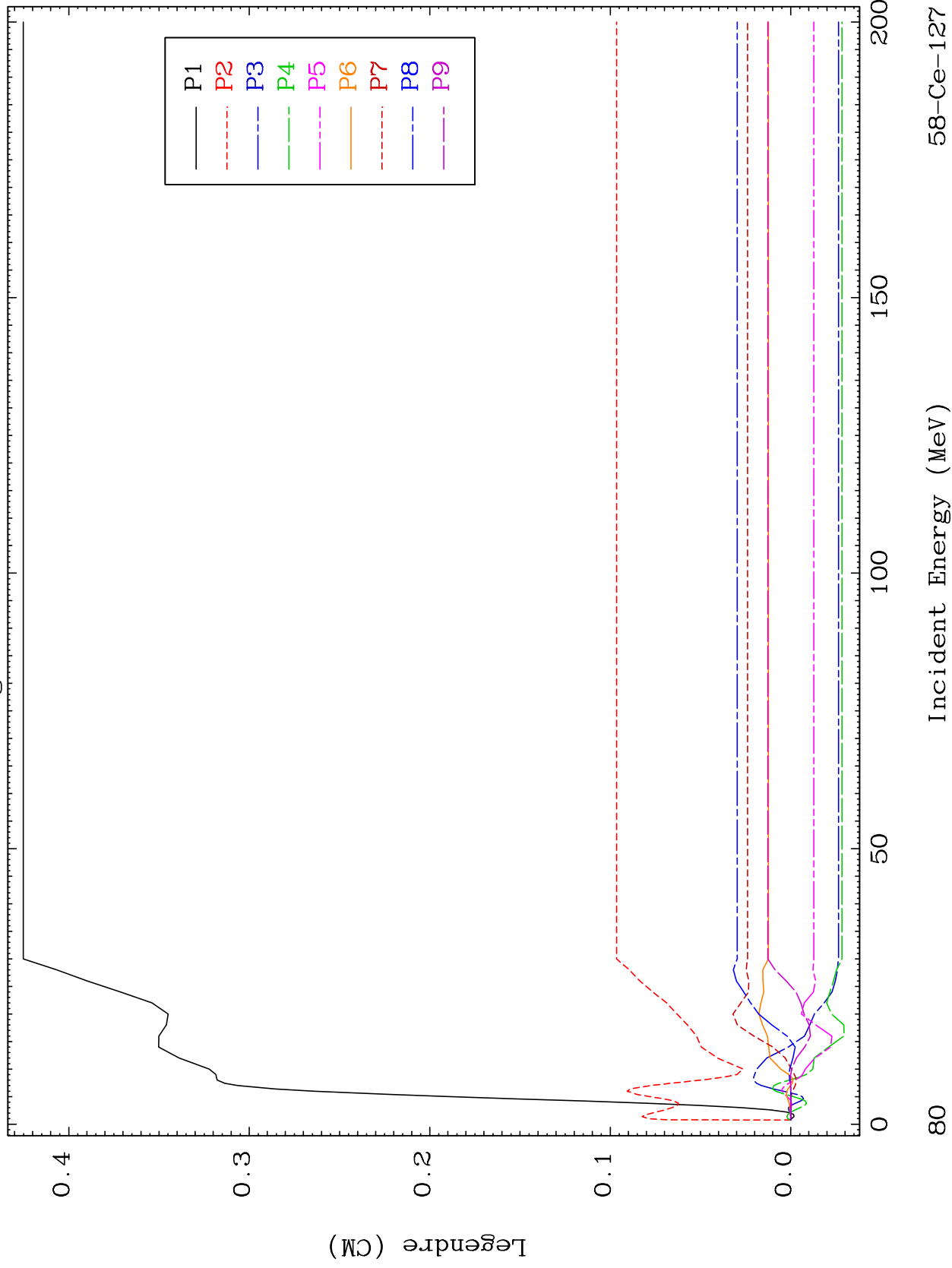
58-Ce-127



MAT 5798

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

58-Ce-127



58-Ce-127

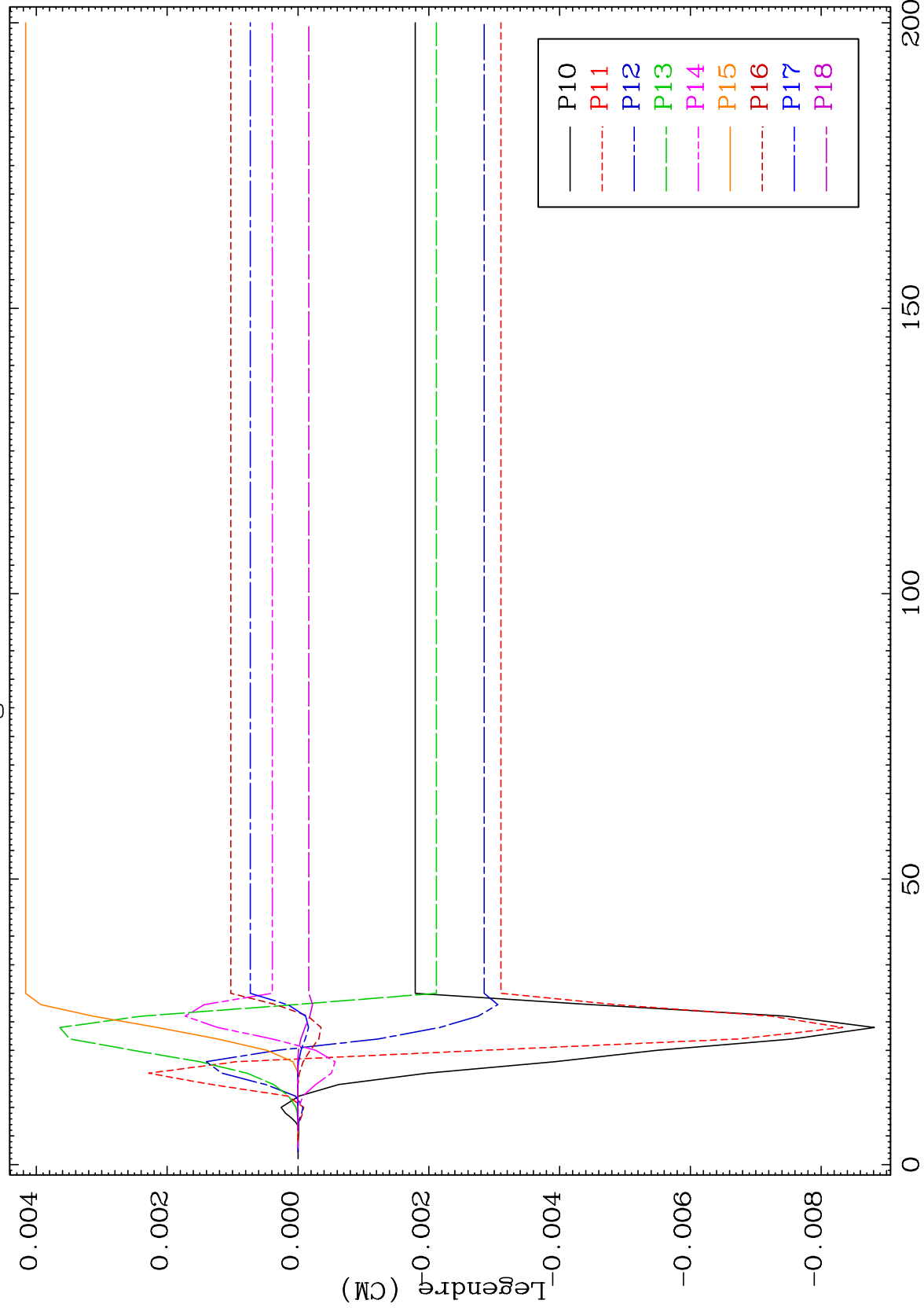
Incident Energy (MeV)

80

MAT 5798

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

58-Ce-127



81

Incident Energy (MeV)

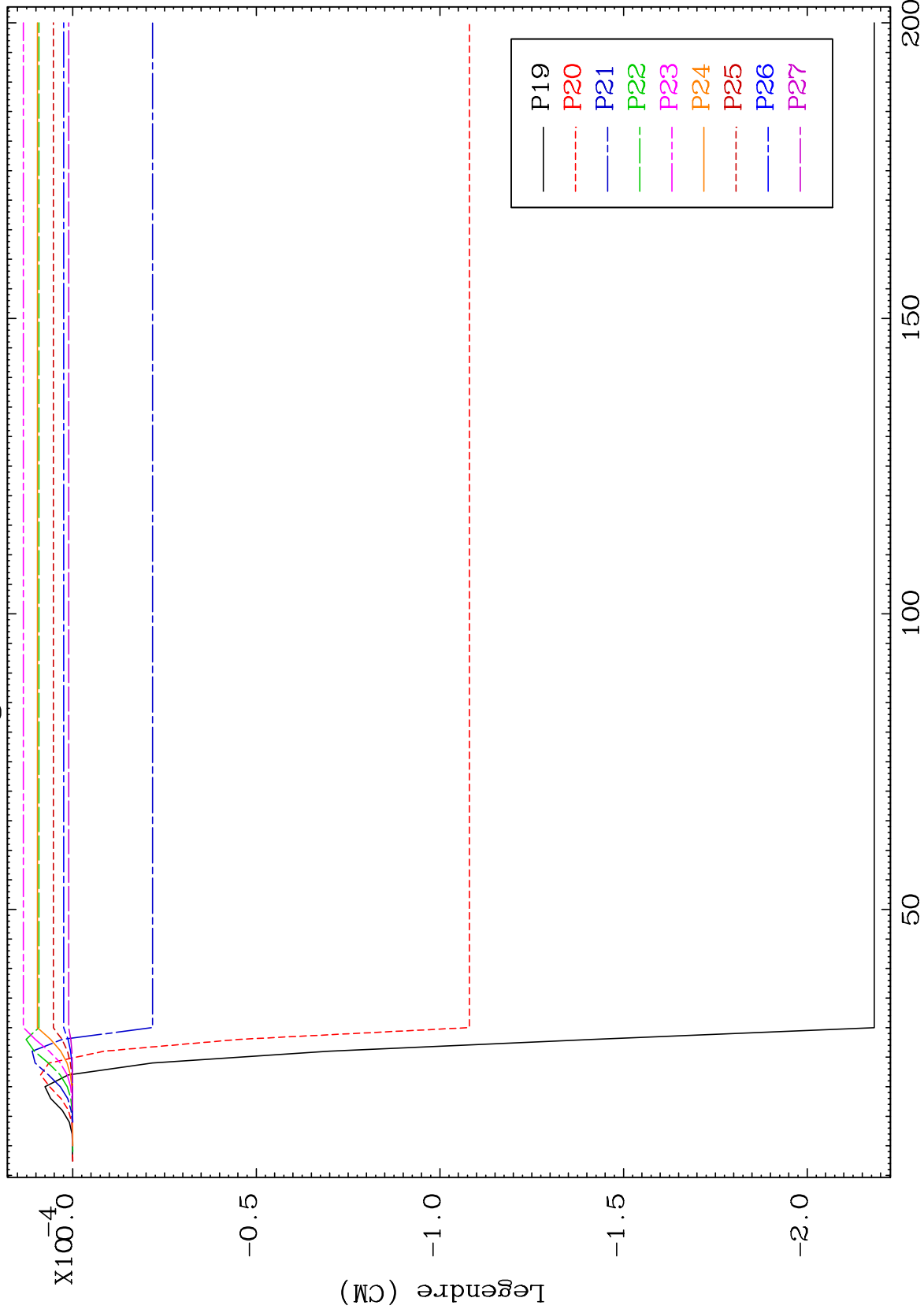
58-Ce-127

MAT 5798

MT= 66 (n,n') Level

58-Ce-127

Legendre Coefficients



82

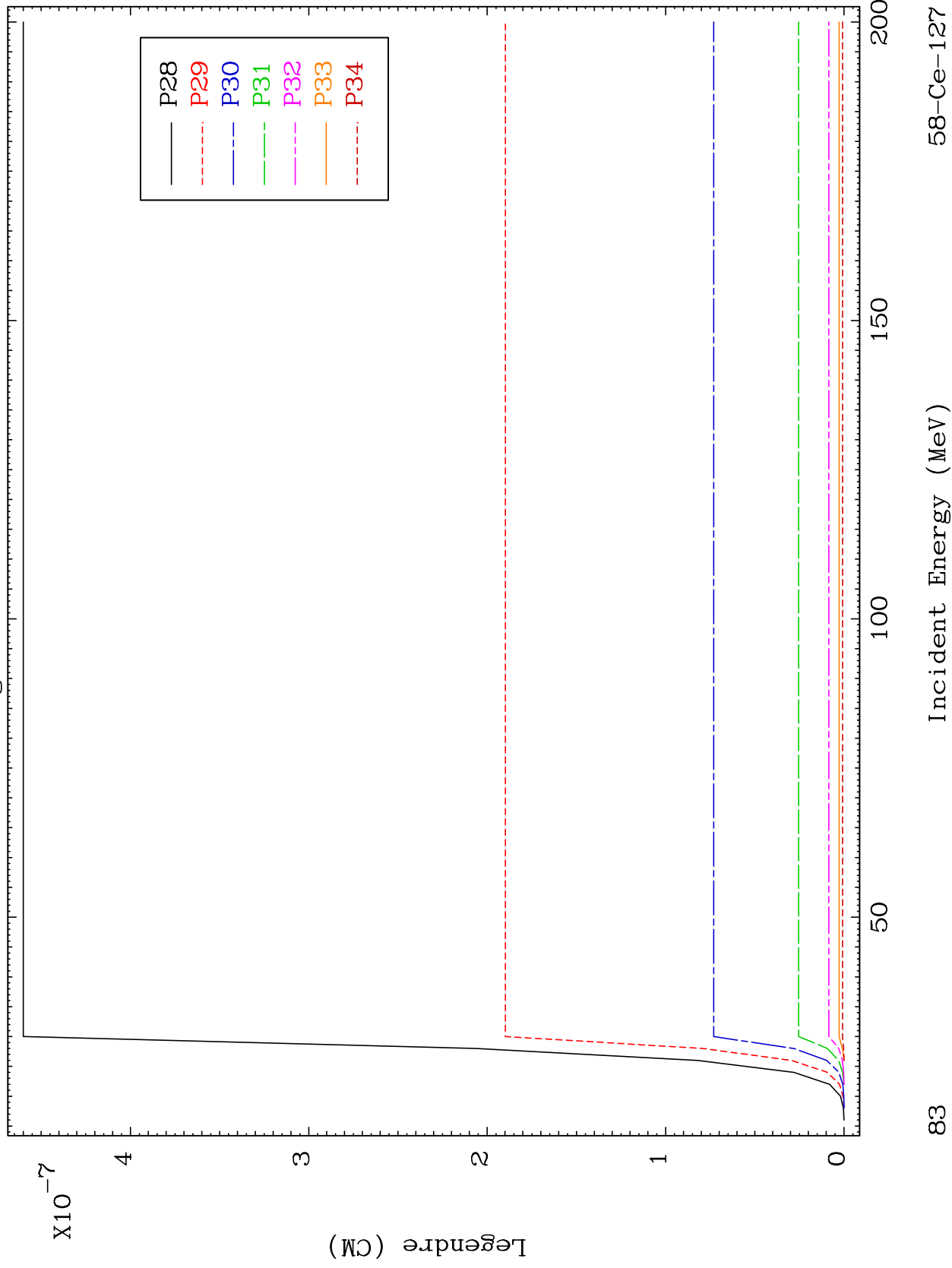
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



83

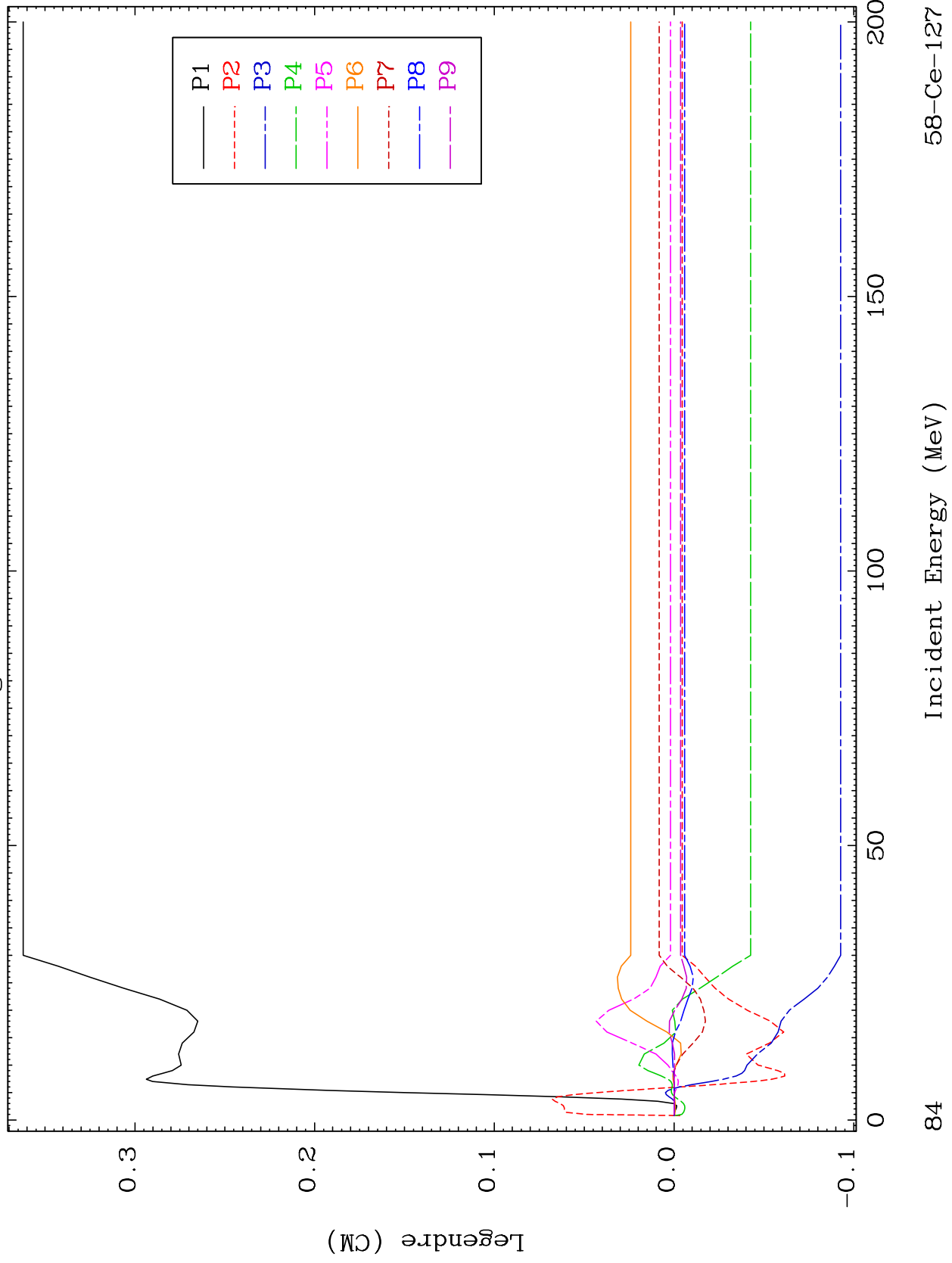
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



84

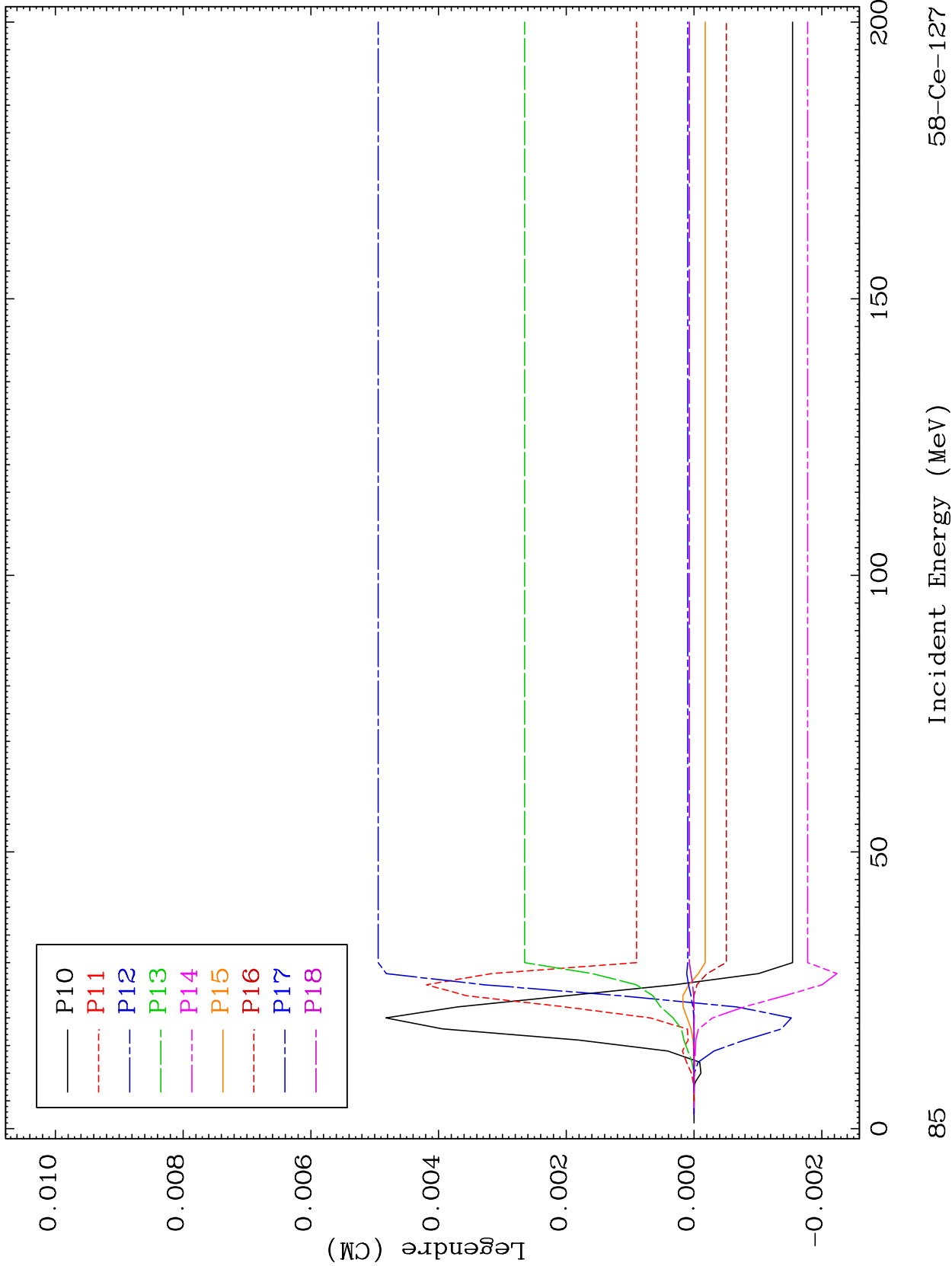
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



85

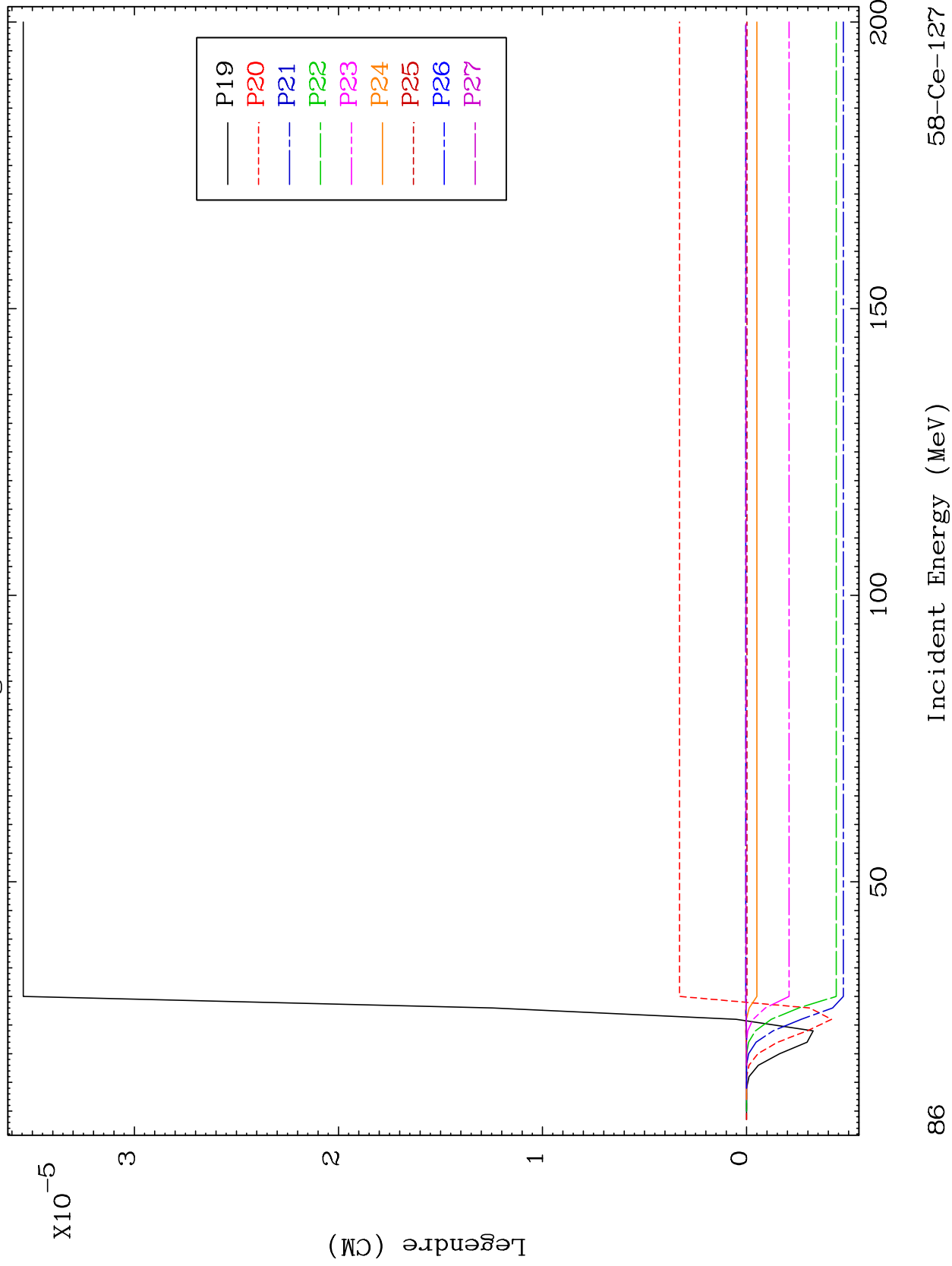
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

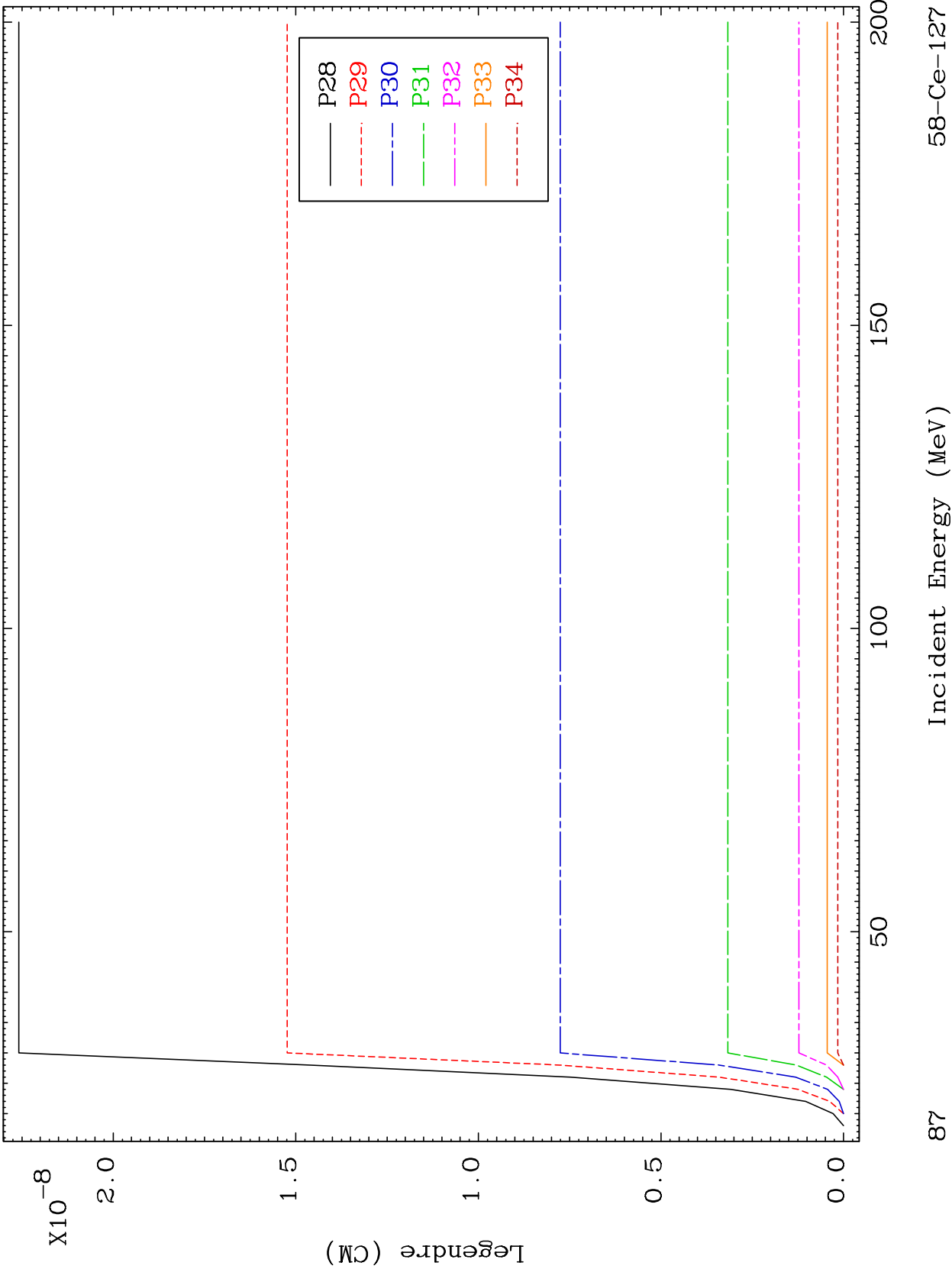
58-Ce-127



MAT 5798

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

58-Ce-127



87

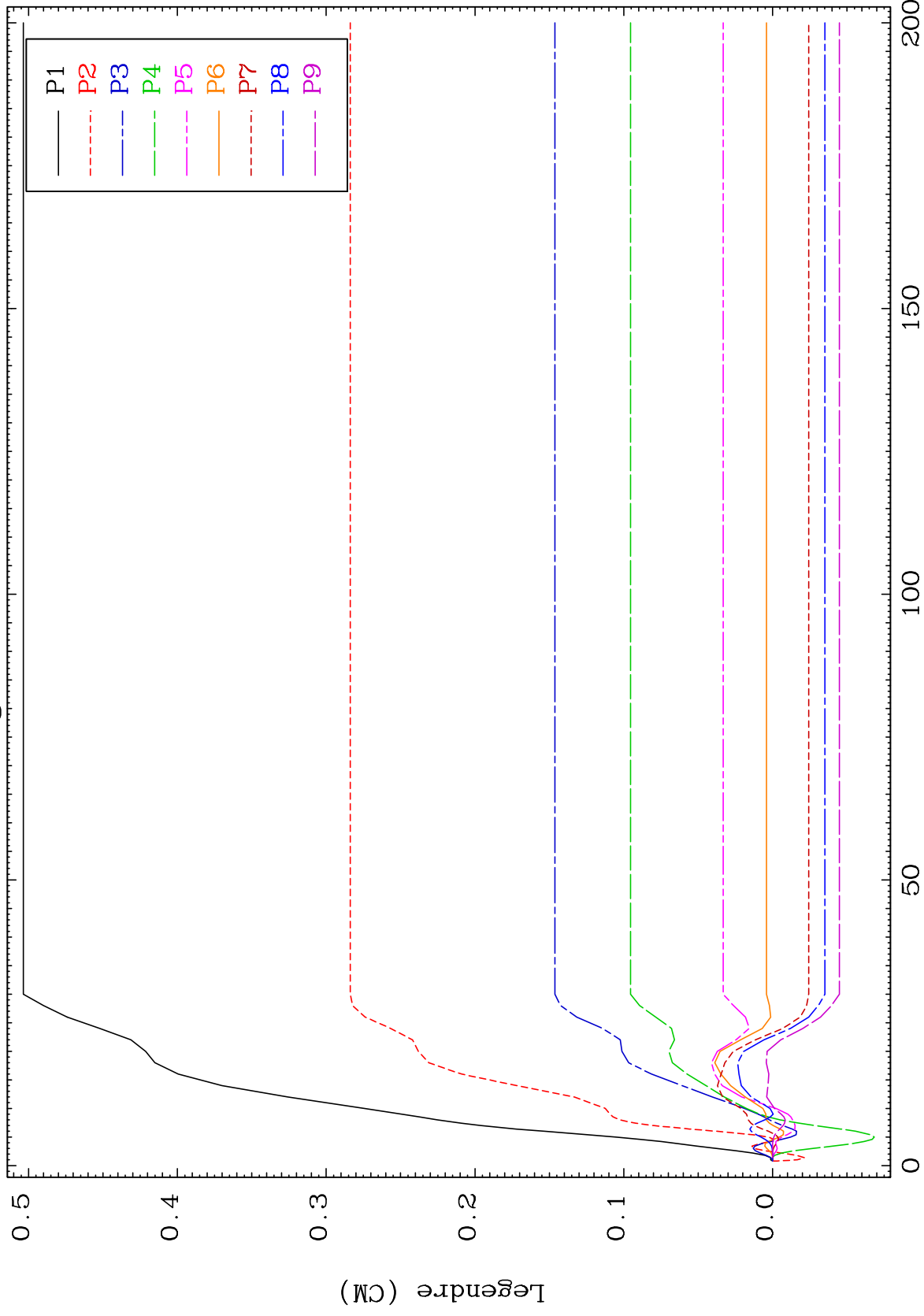
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



58-Ce-127

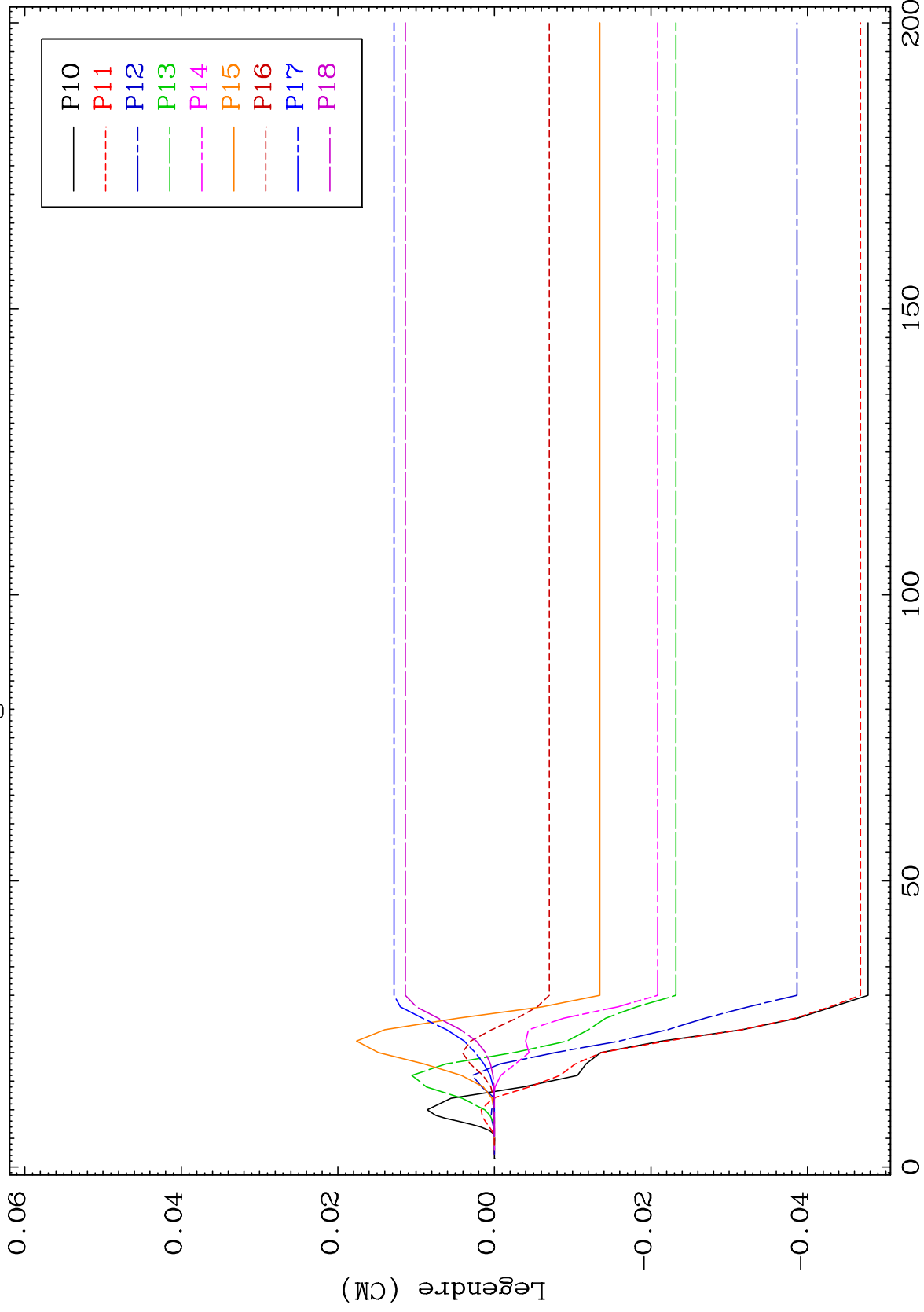
Incident Energy (MeV)

88

MAT 5798

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

58-Ce-127



89

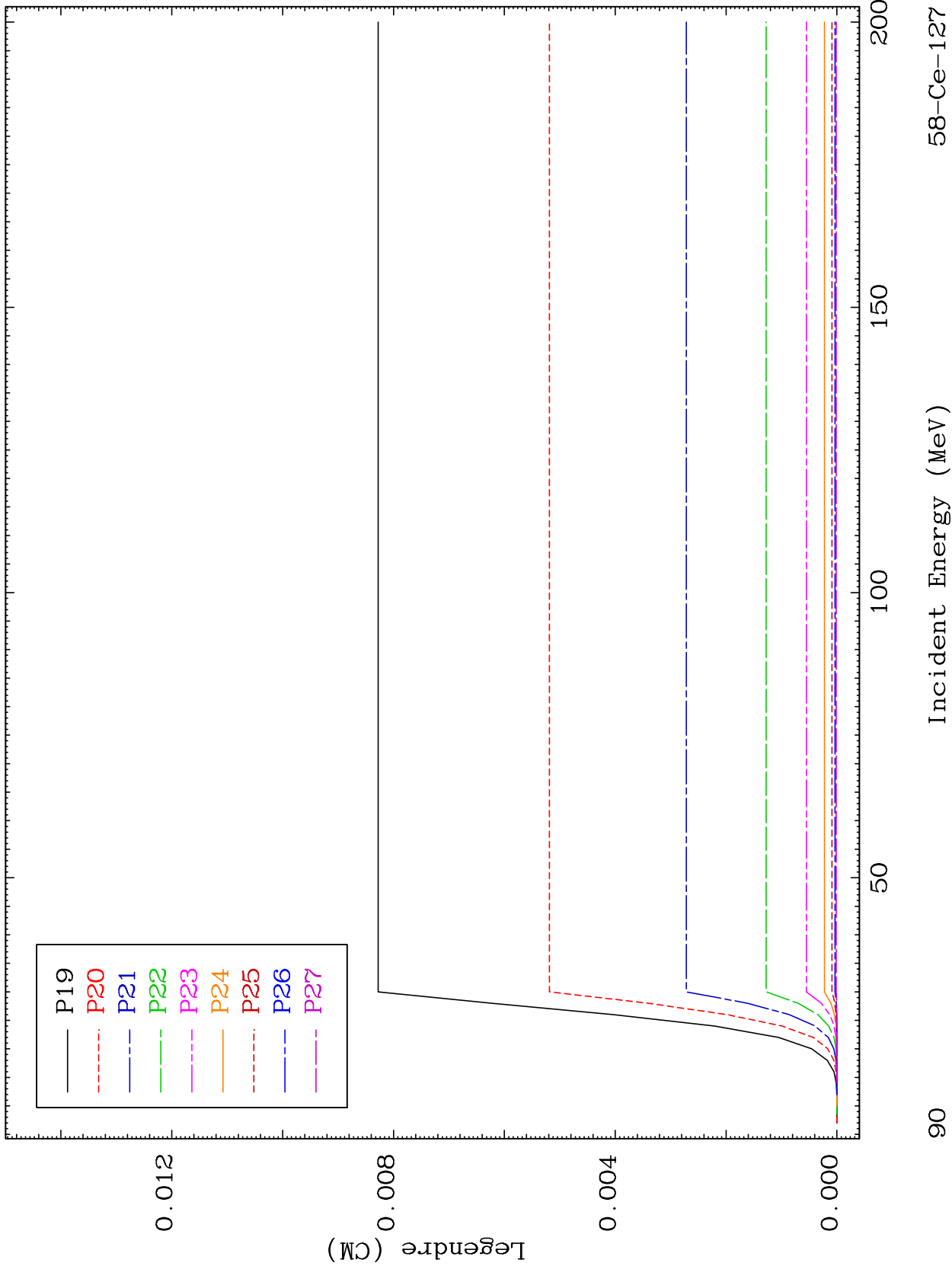
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



90

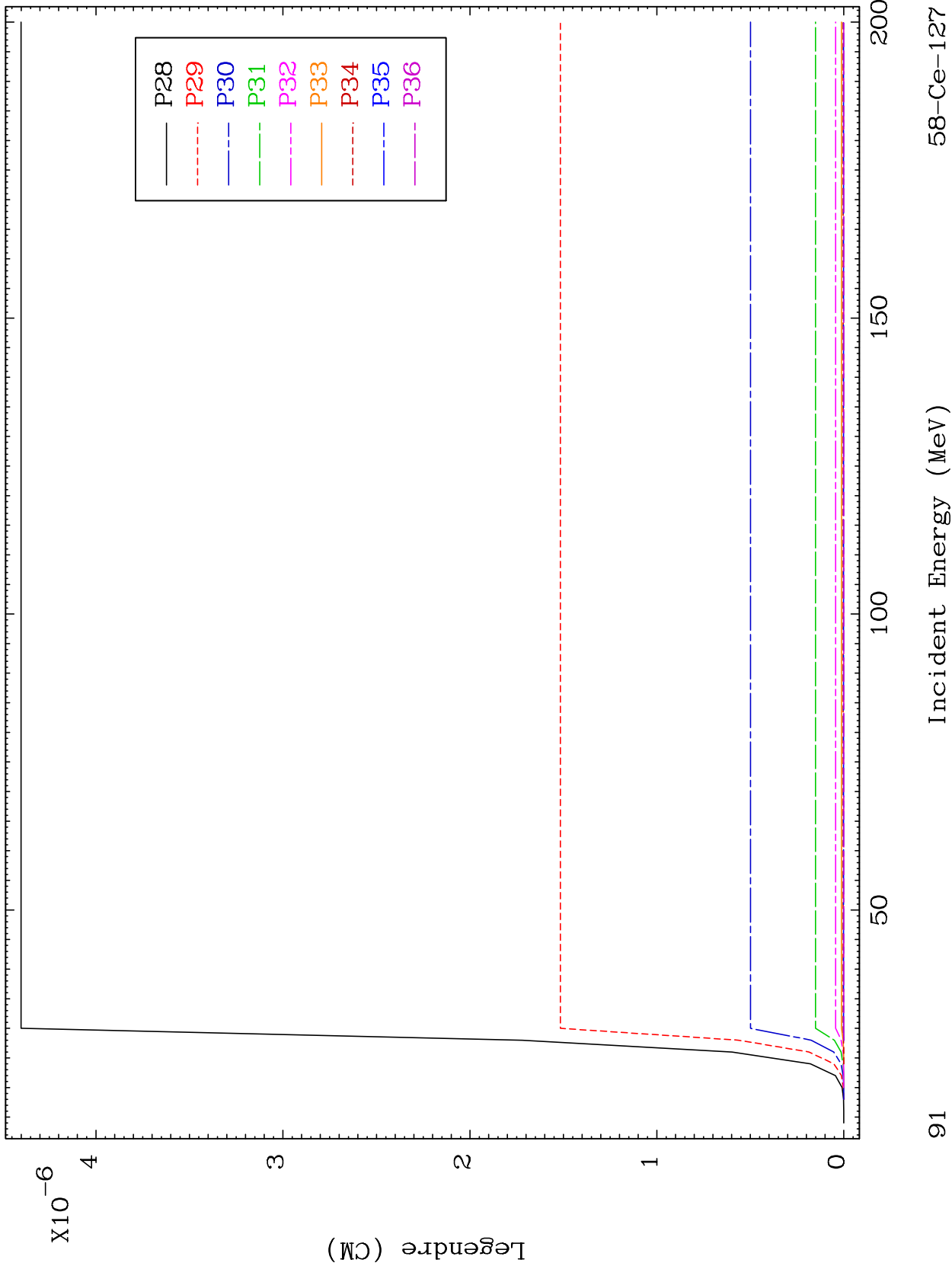
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

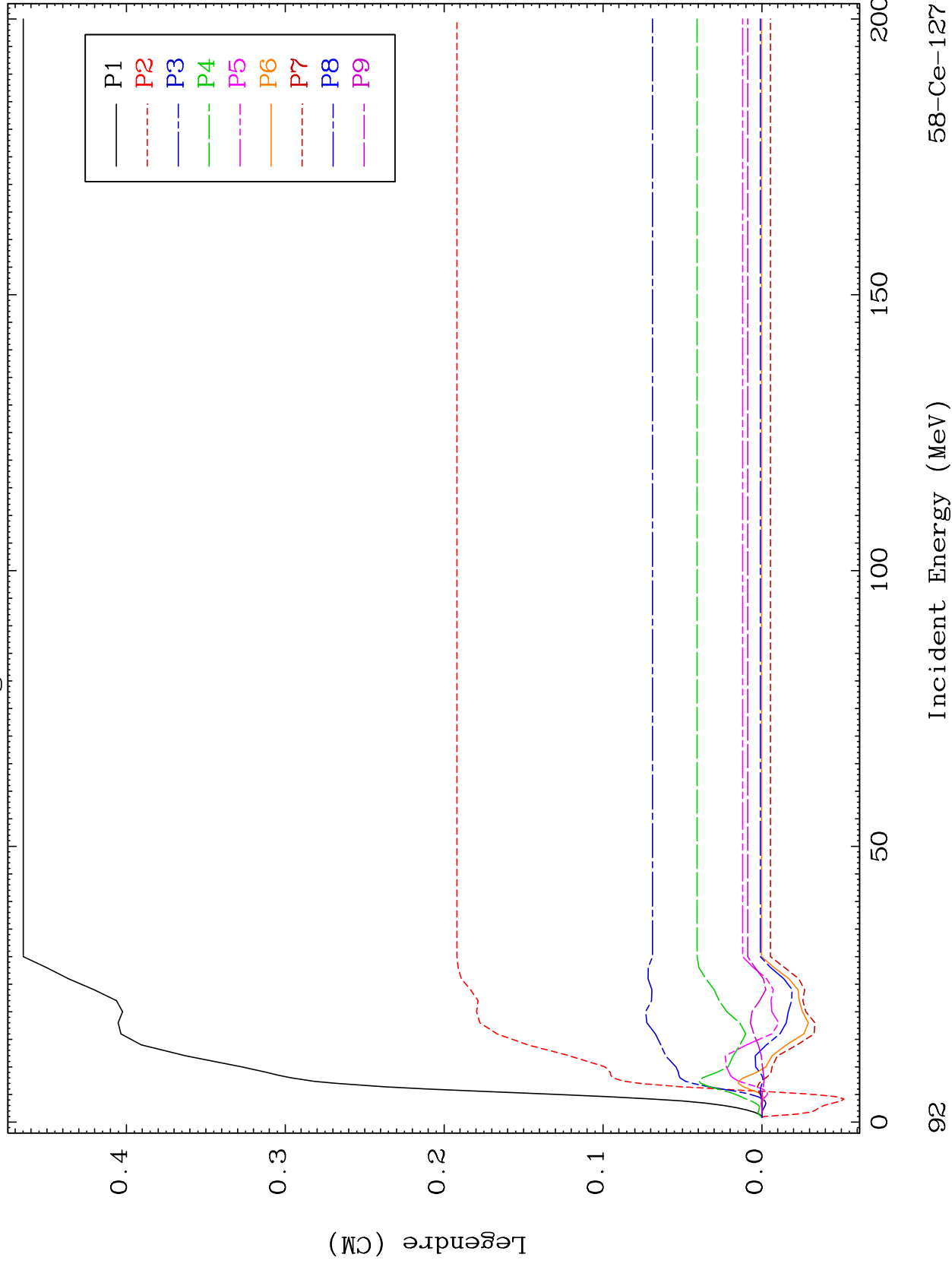
58-Ce-127



MAT 5798

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

58-Ce-127



58-Ce-127

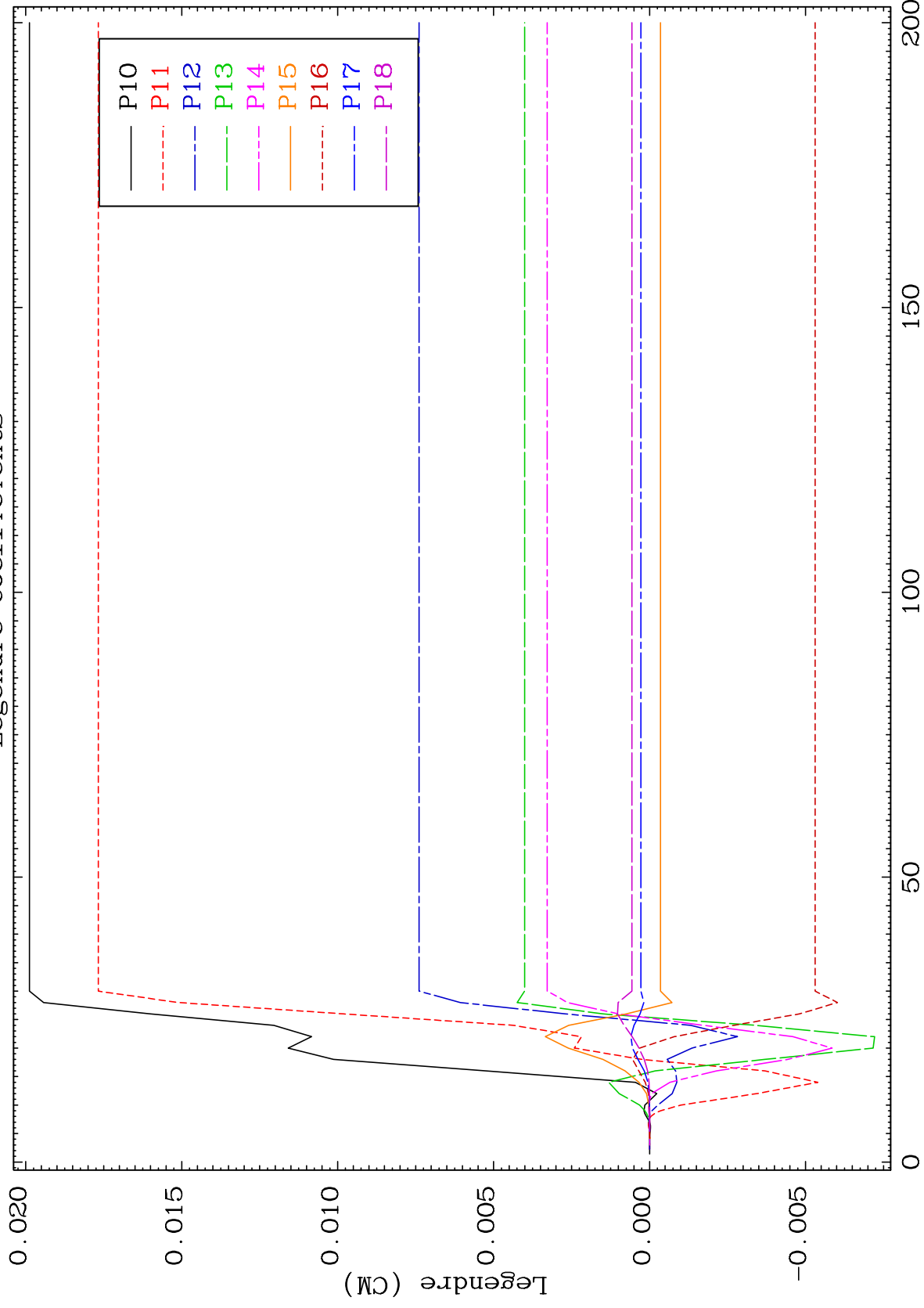
Incident Energy (MeV)

92

MAT 5798

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

58-Ce-127



93

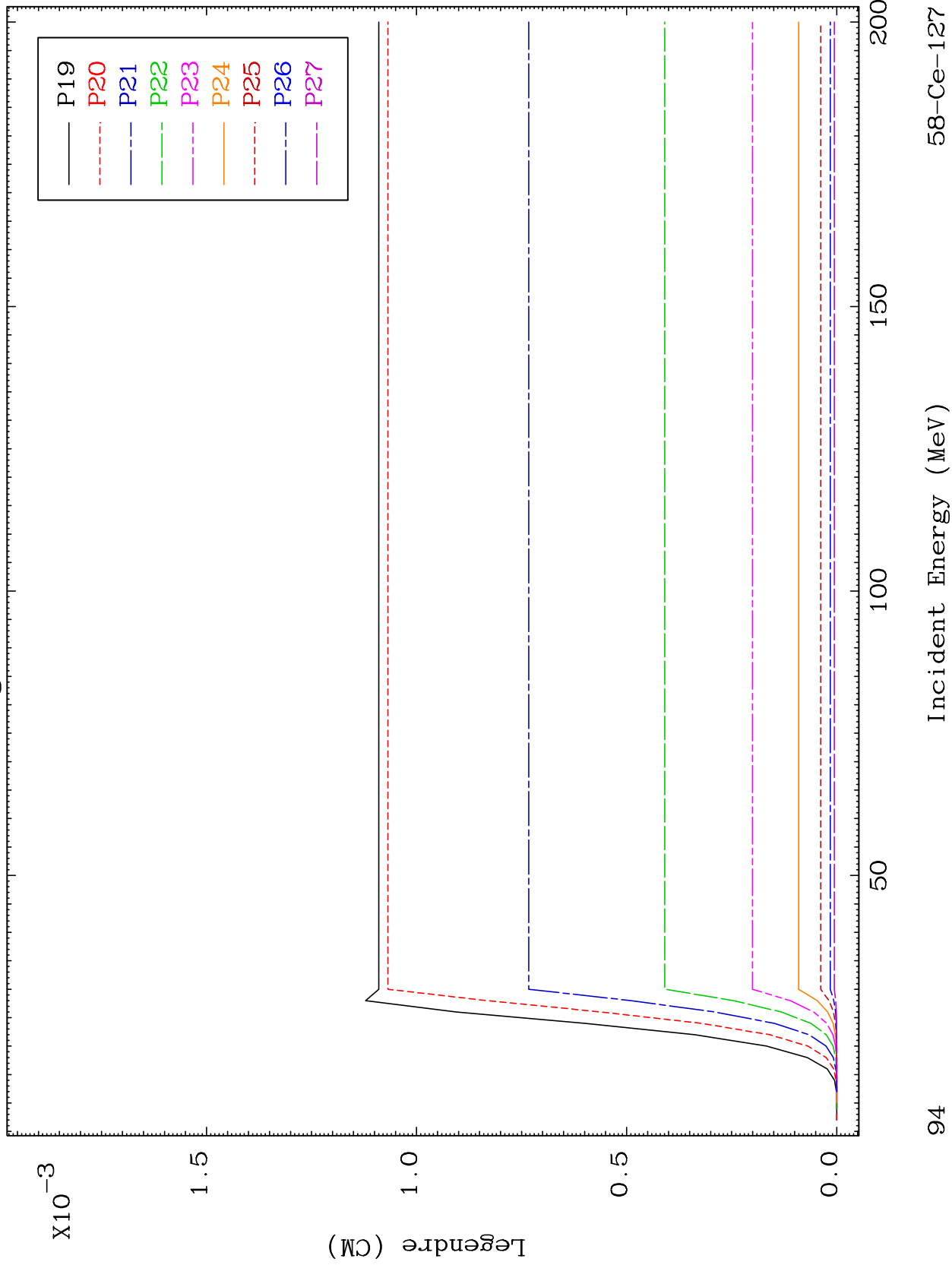
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



94

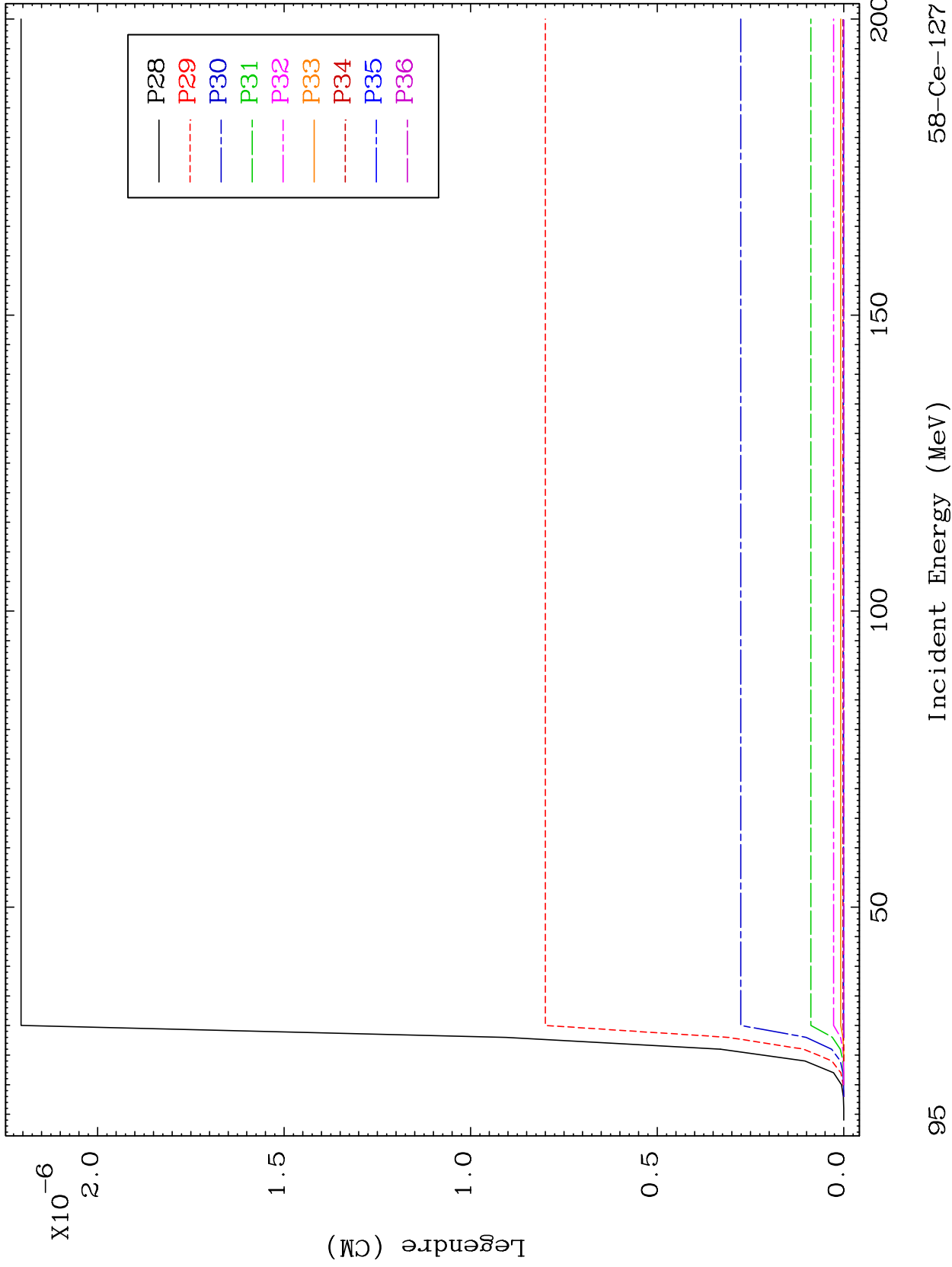
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



95

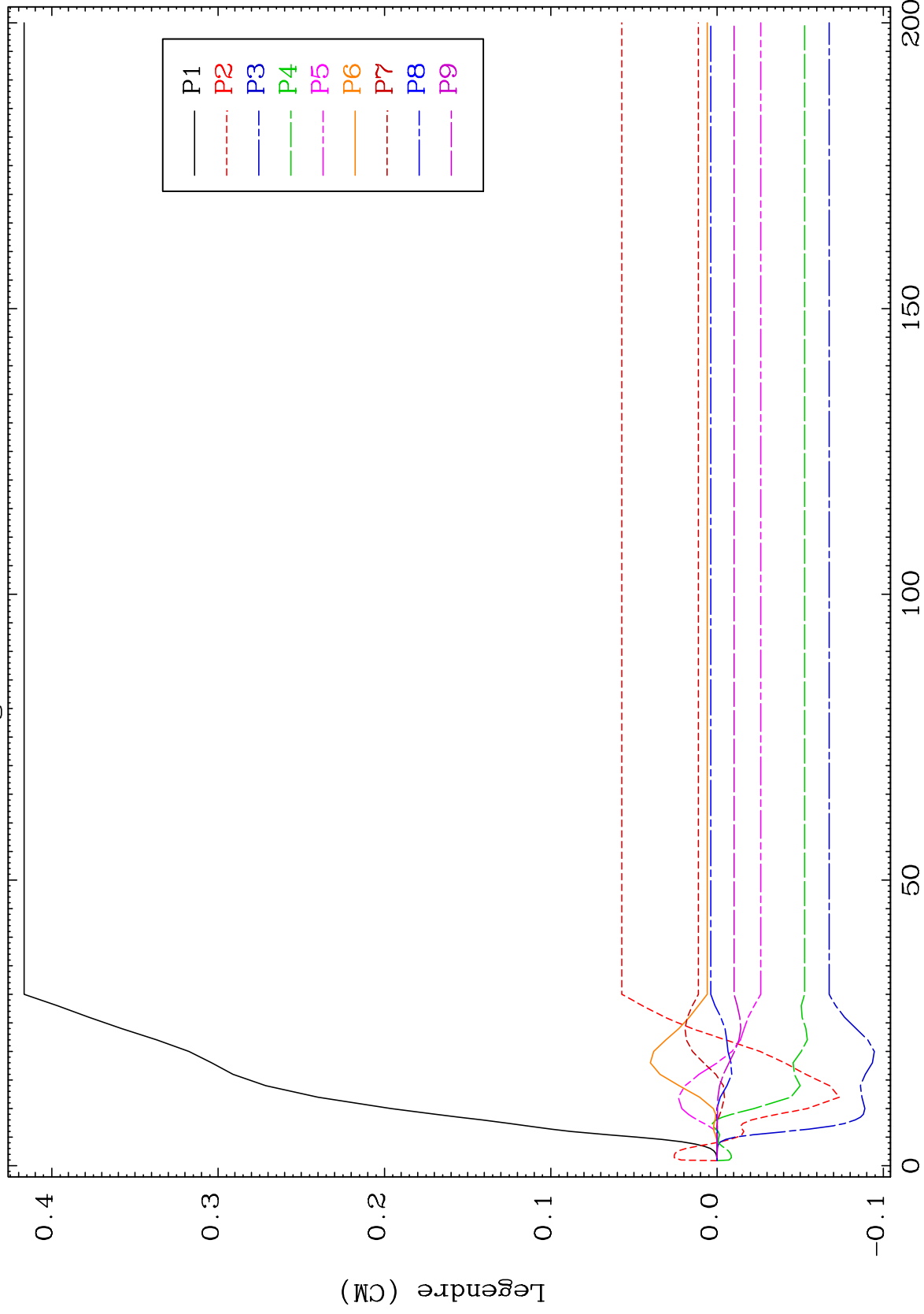
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



96

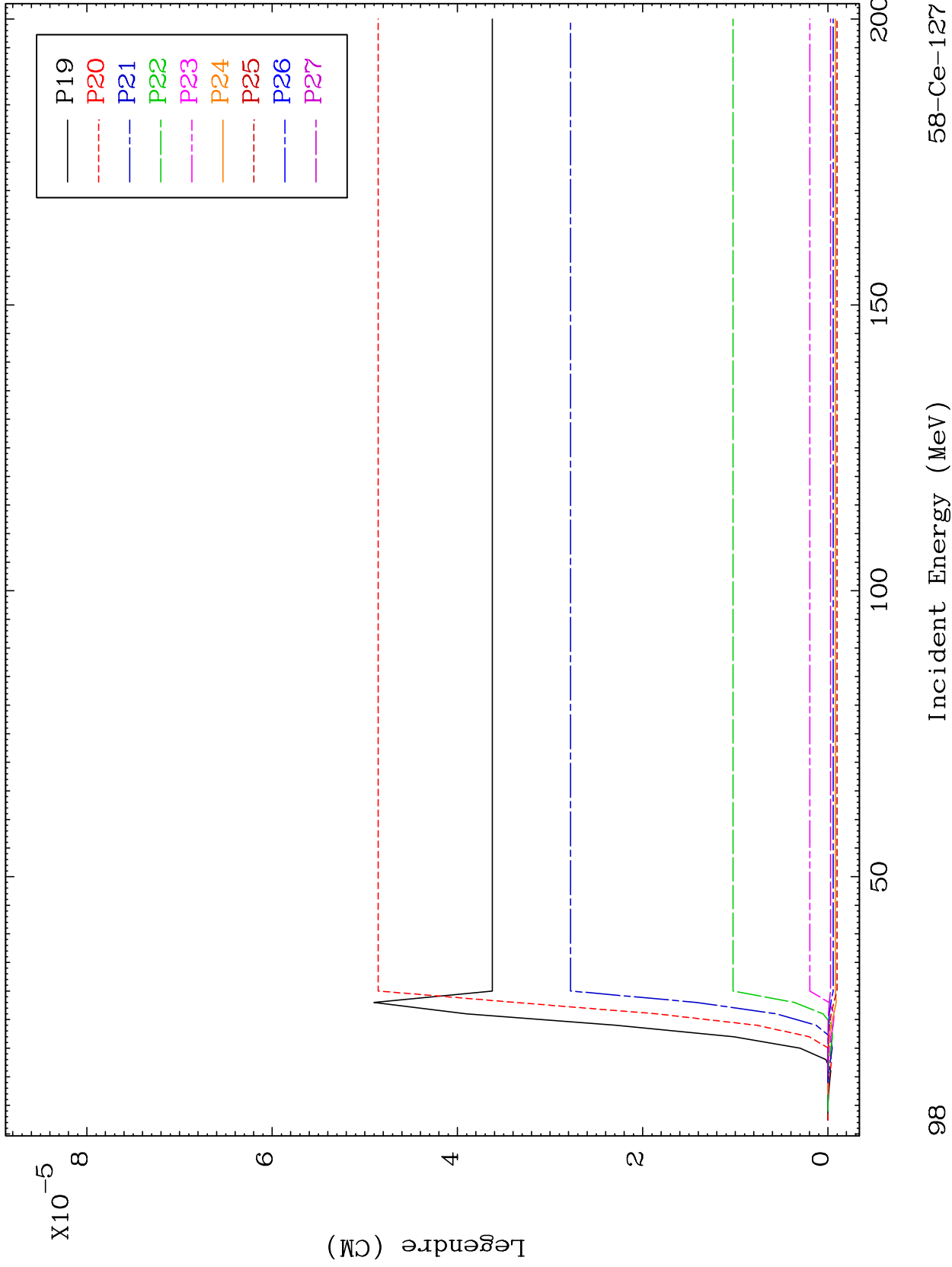
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

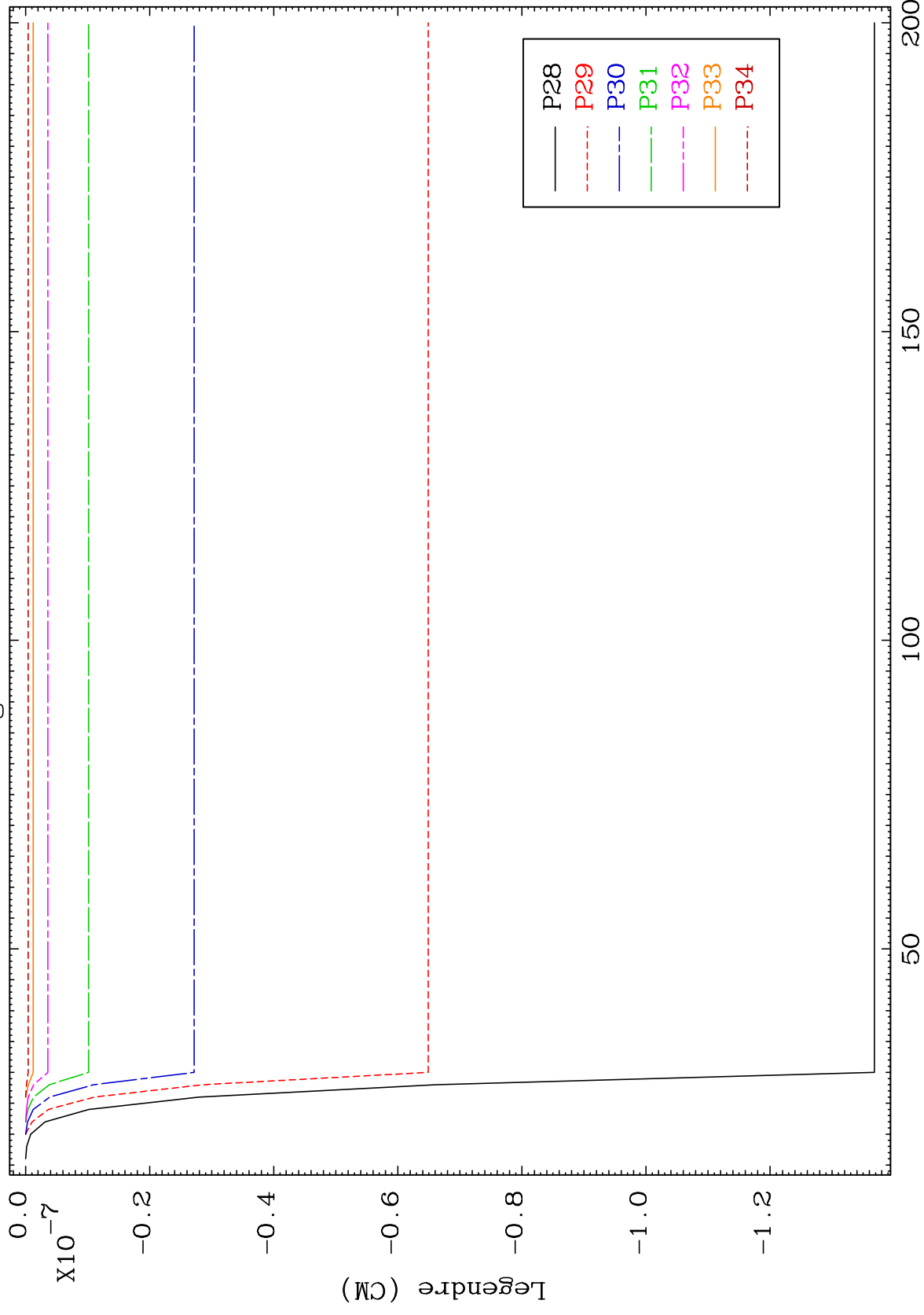
58-Ce-127



MAT 5798

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

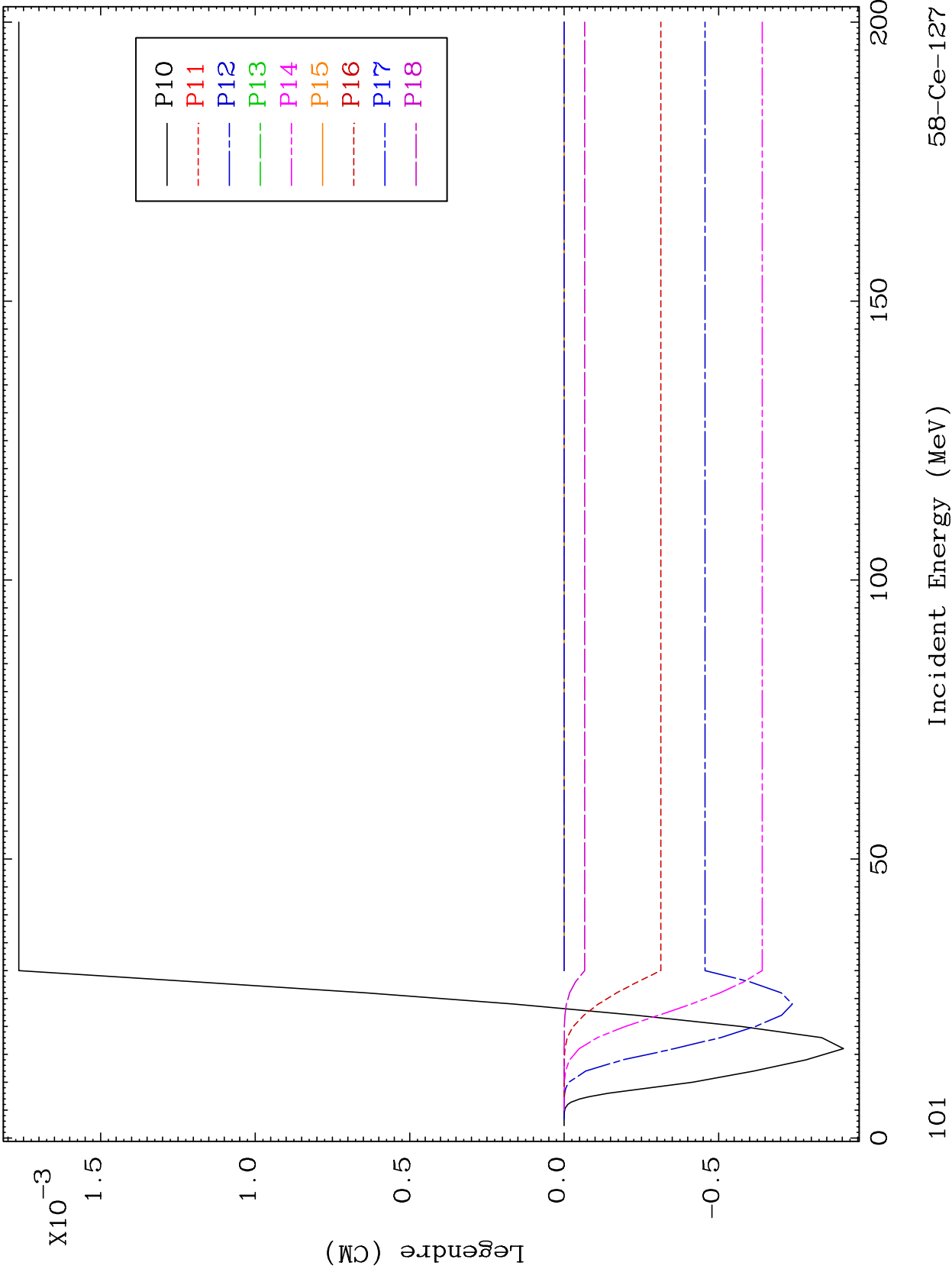
58-Ce-127



MAT 5798

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

58-Ce-127



101

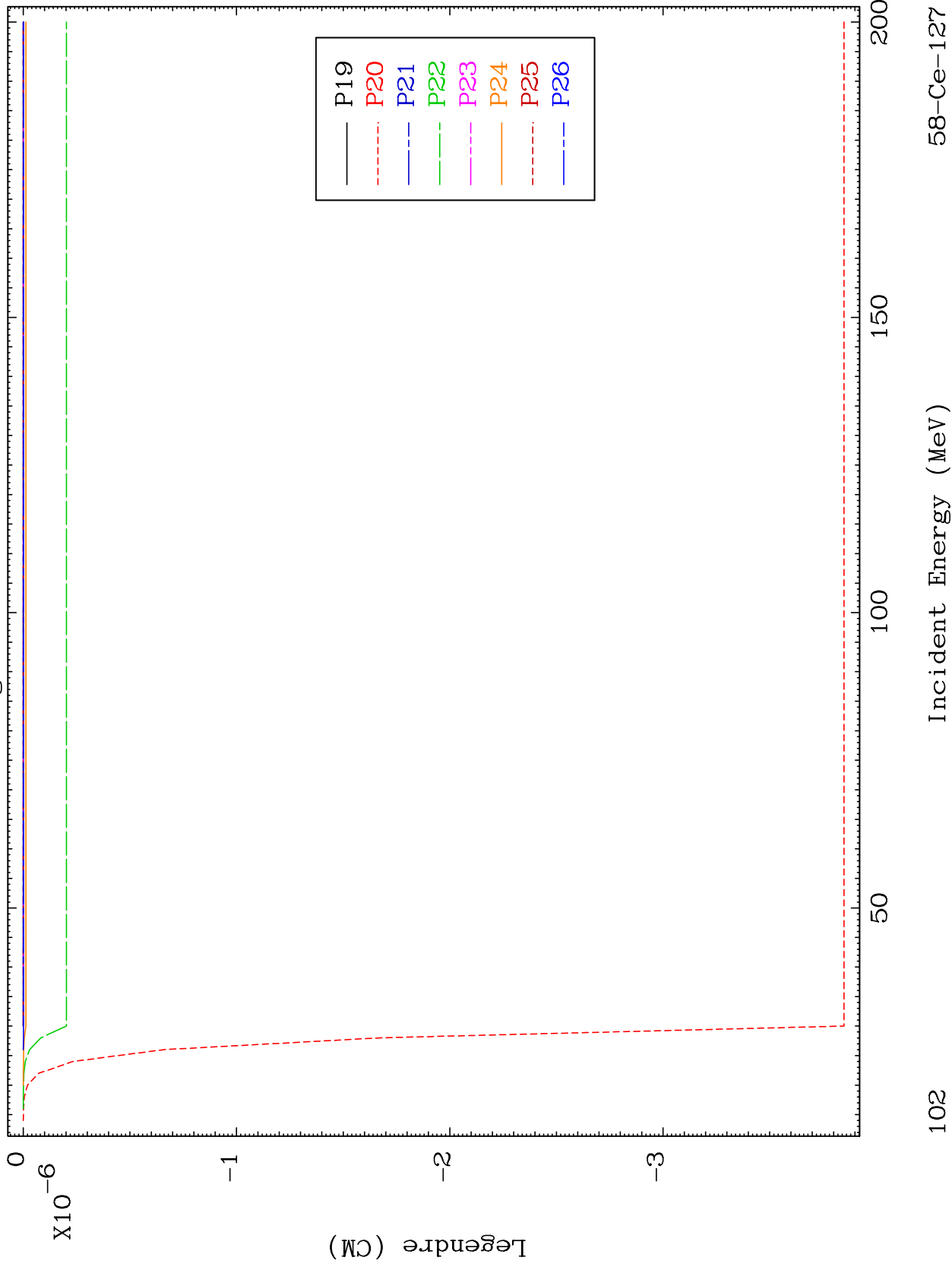
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



102

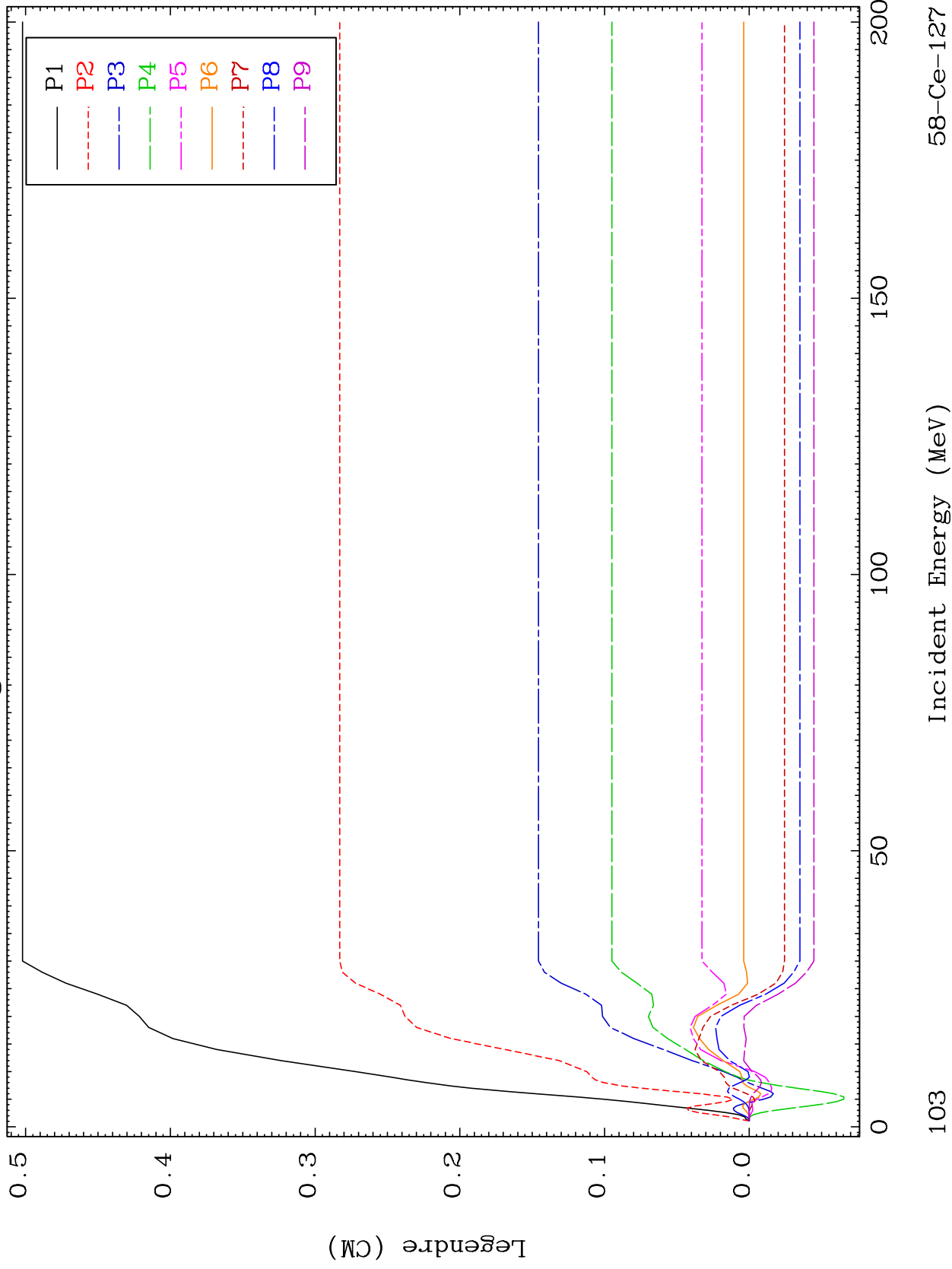
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



58-Ce-127

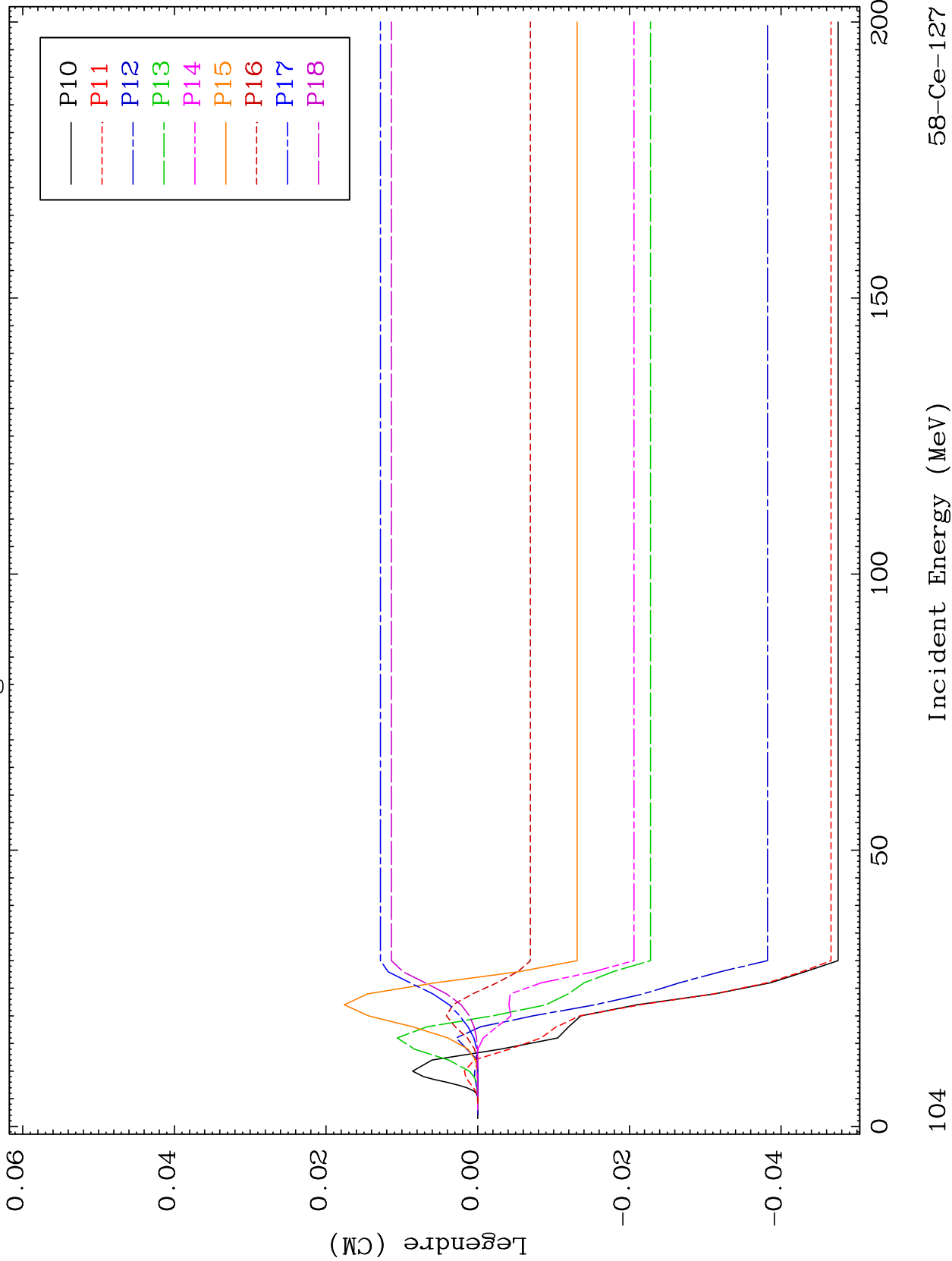
Incident Energy (MeV)

103

MAT 5798

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

58-Ce-127



104

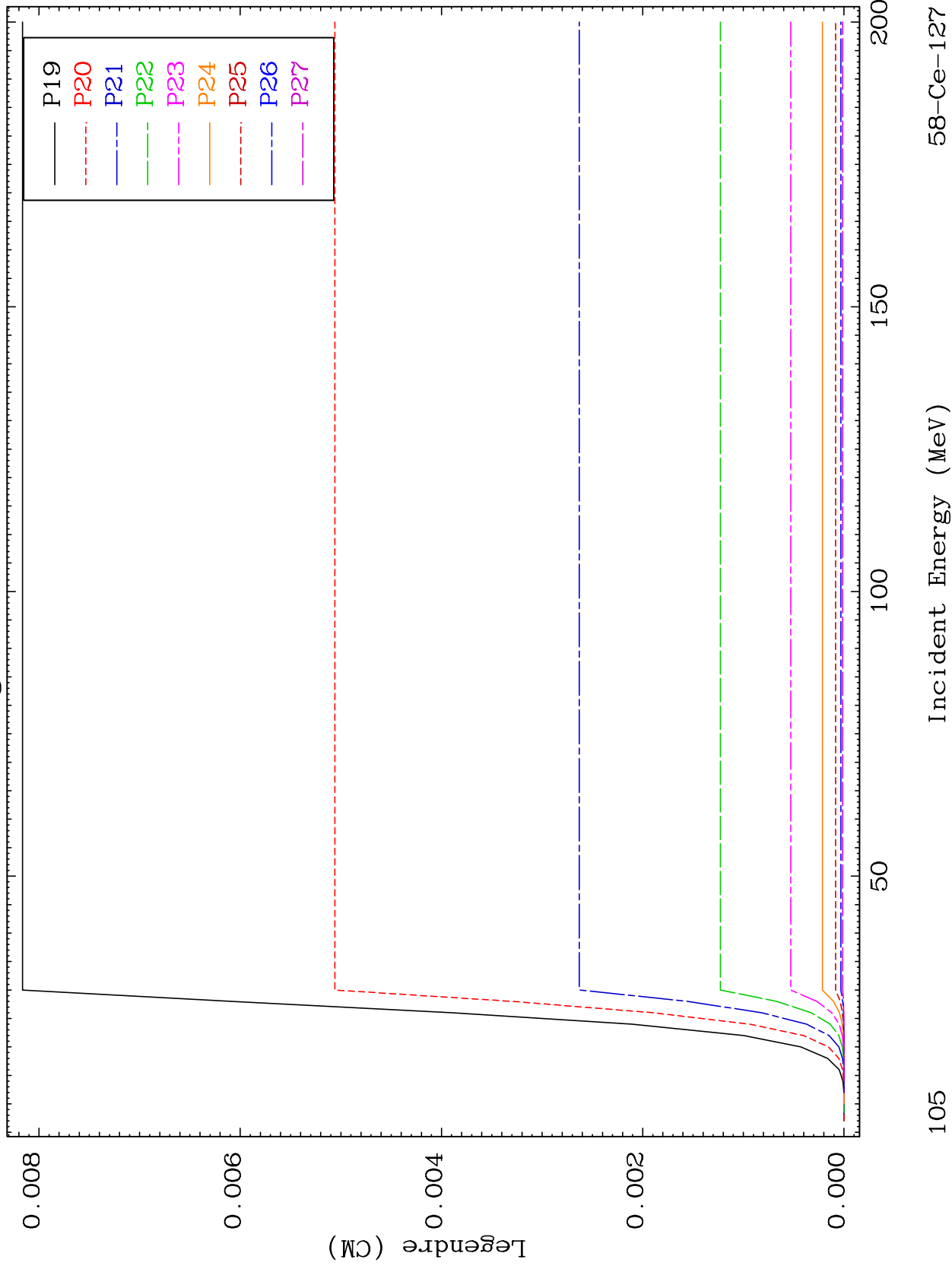
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



105

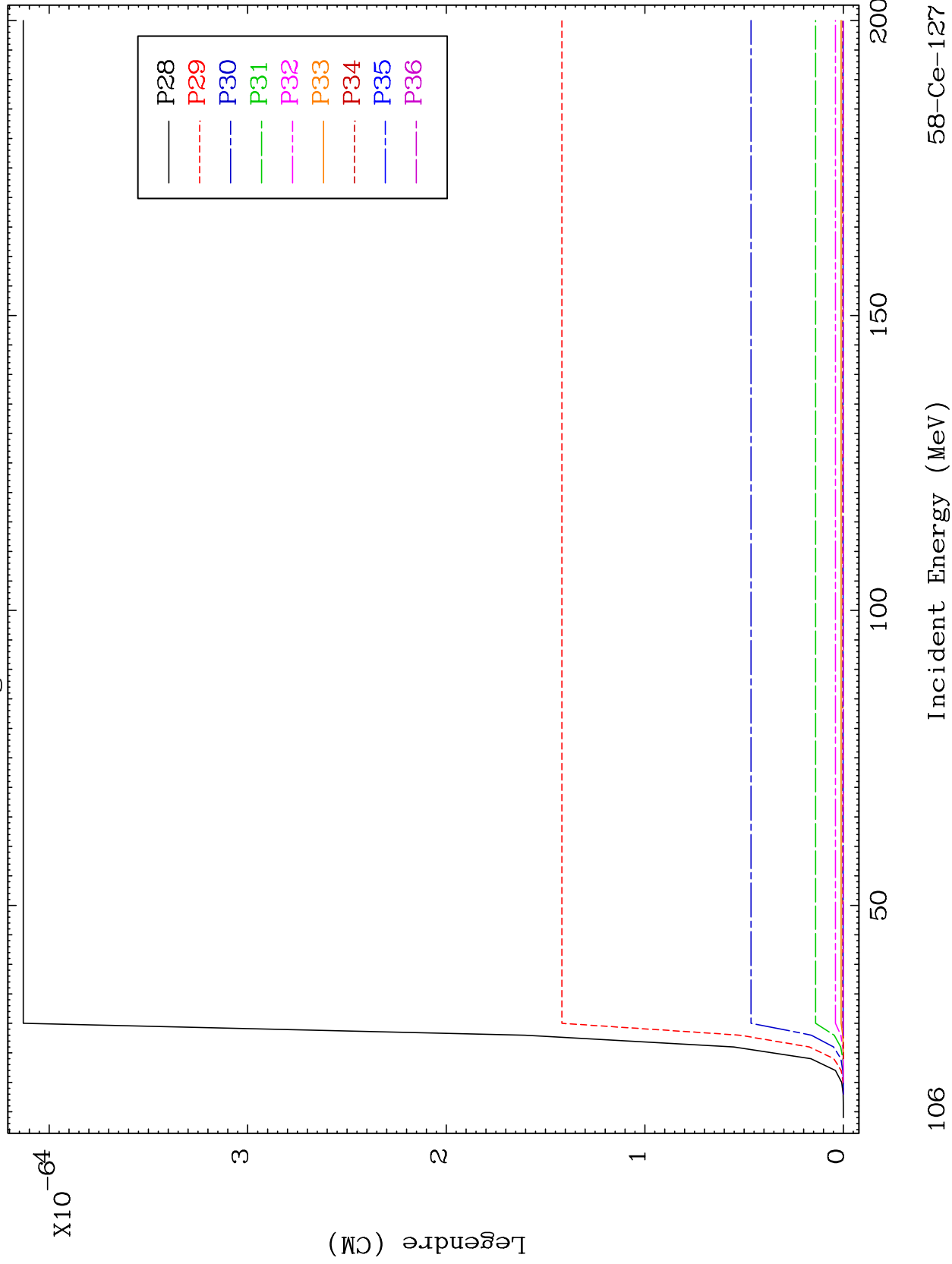
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



106

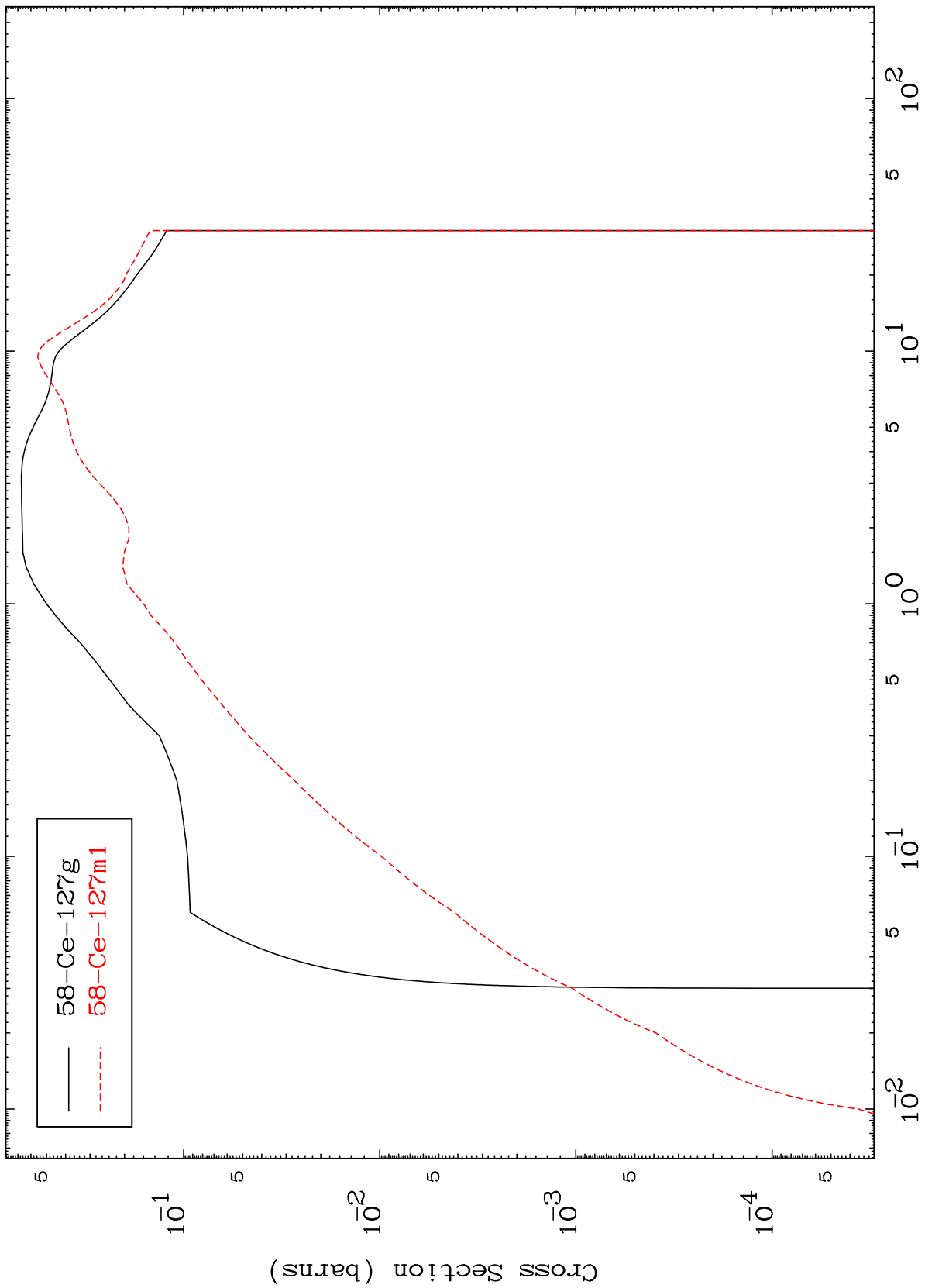
Incident Energy (MeV)

58-Ce-127

MAT 5798

58-Ce-127

Inelastic
Radionuclide Production Cross Section



58-Ce-127g
58-Ce-127m1

58-Ce-127

Incident Energy (MeV)

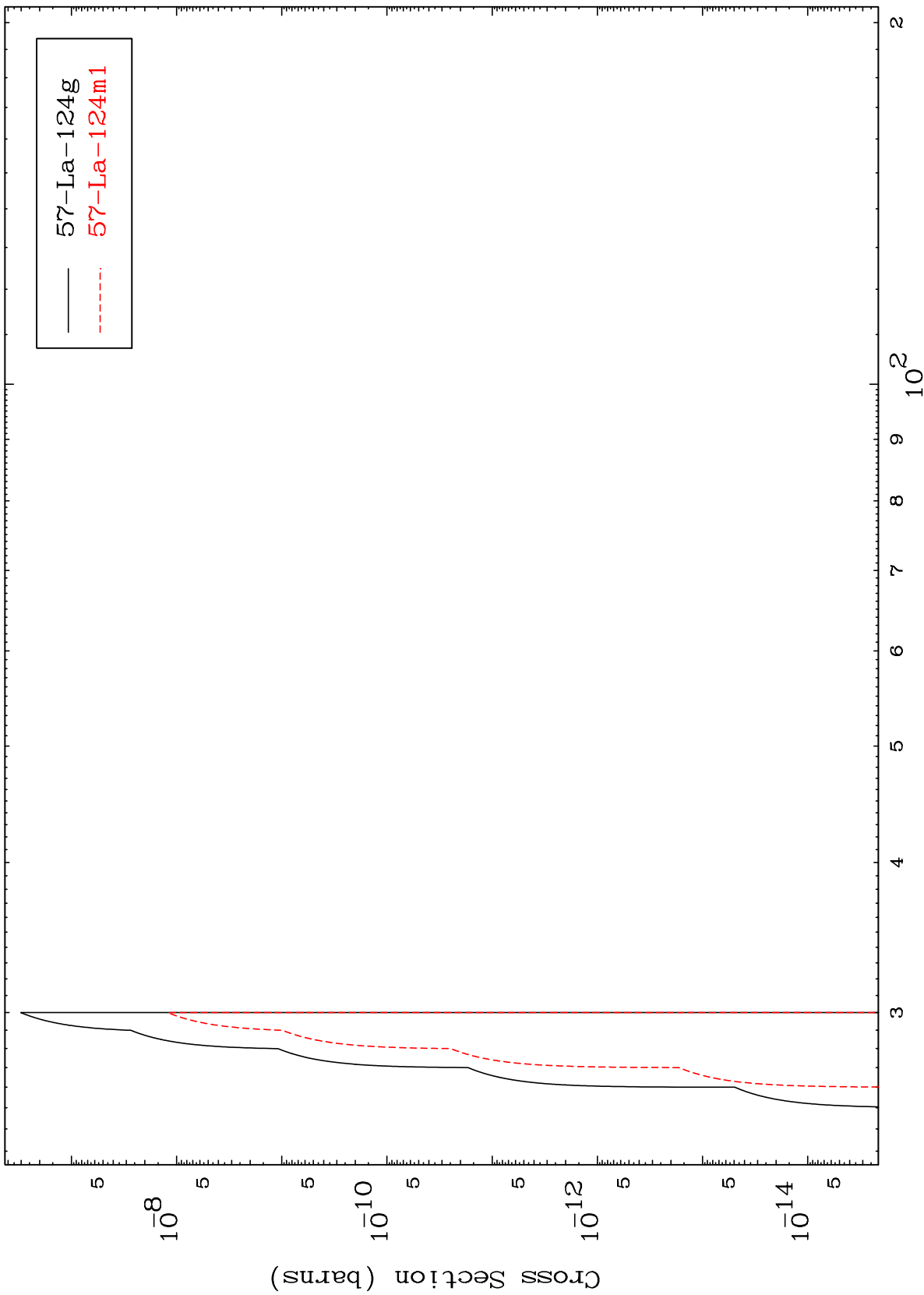
107

MAT 5798

(n,2n) d

58-Ce-127

Radionuclide Production Cross Section



108

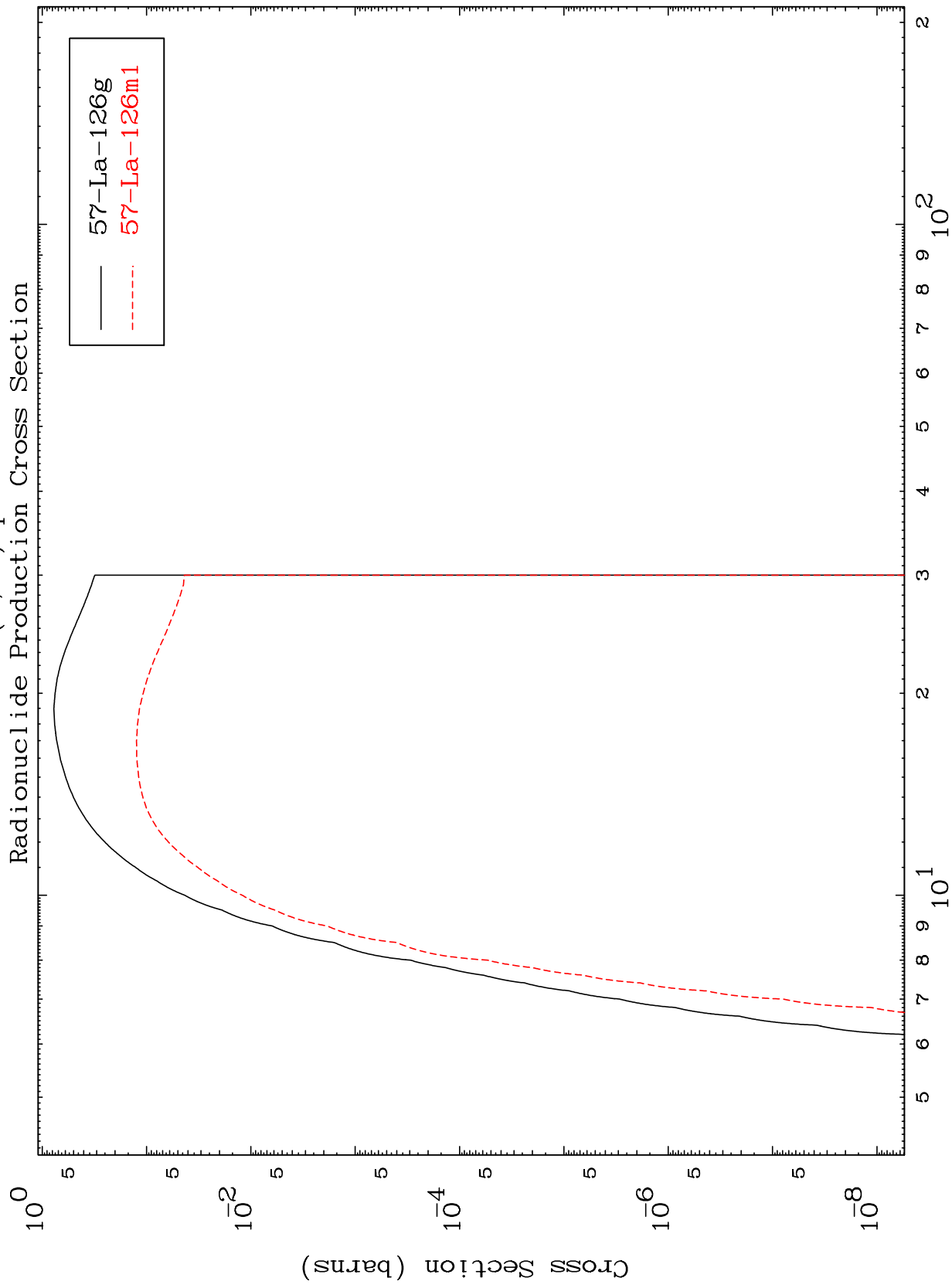
Incident Energy (MeV)

58-Ce-127

MAT 5798

(n,n') p

58-Ce-127



109

Incident Energy (MeV)

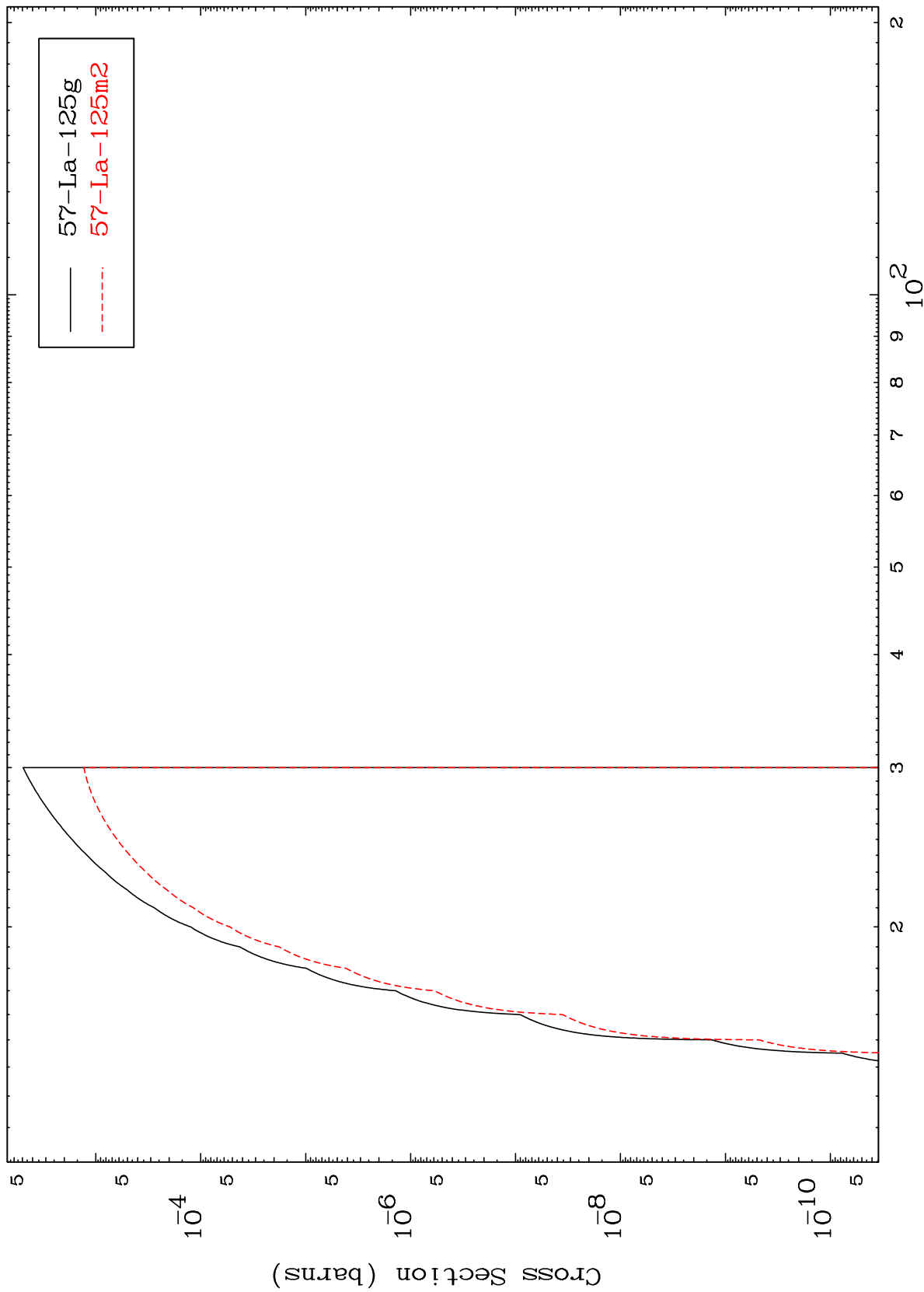
58-Ce-127

MAT 5798

(n,n') d

58-Ce-127

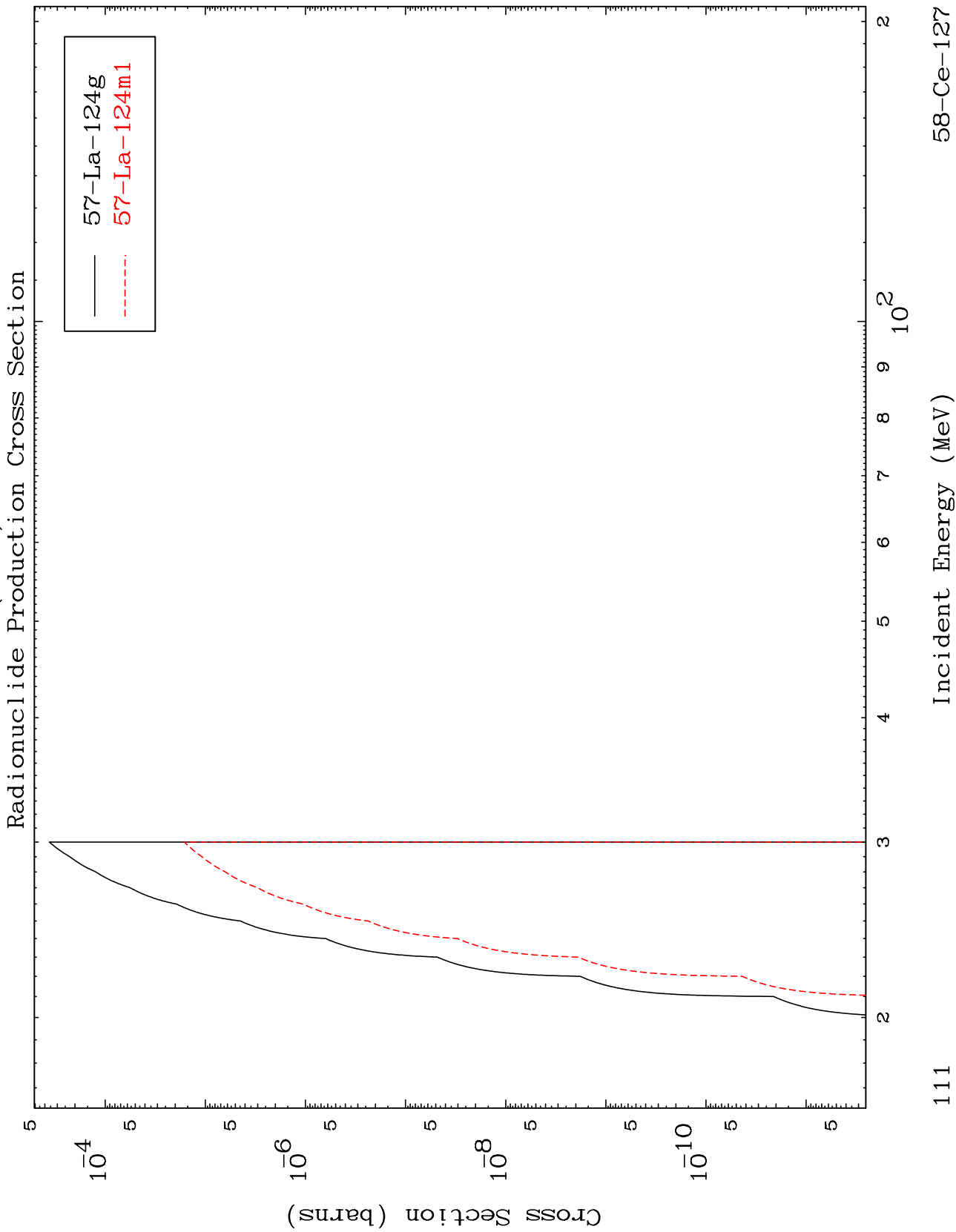
Radionuclide Production Cross Section



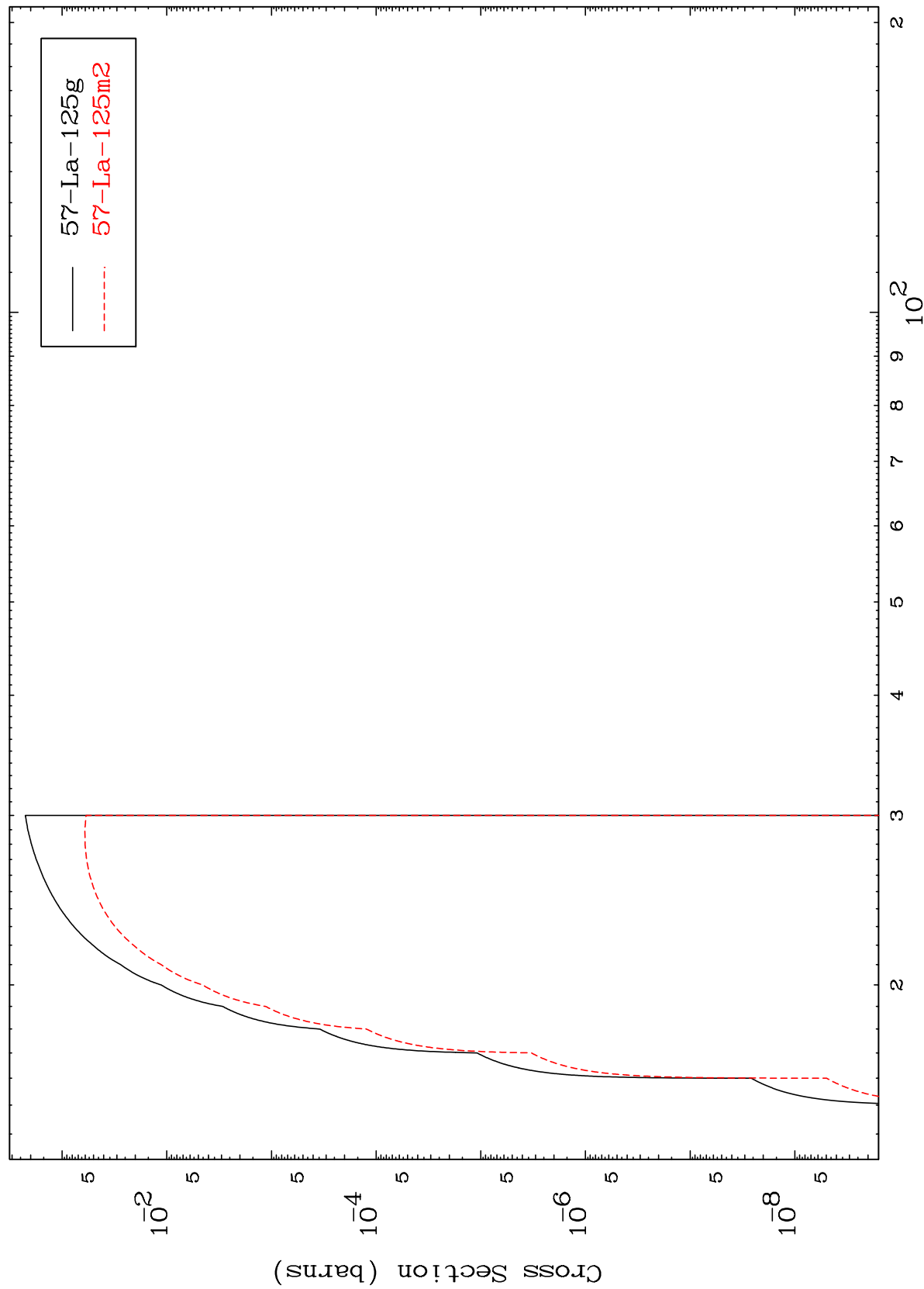
110

Incident Energy (MeV)

58-Ce-127



Radionuclide Production Cross Section

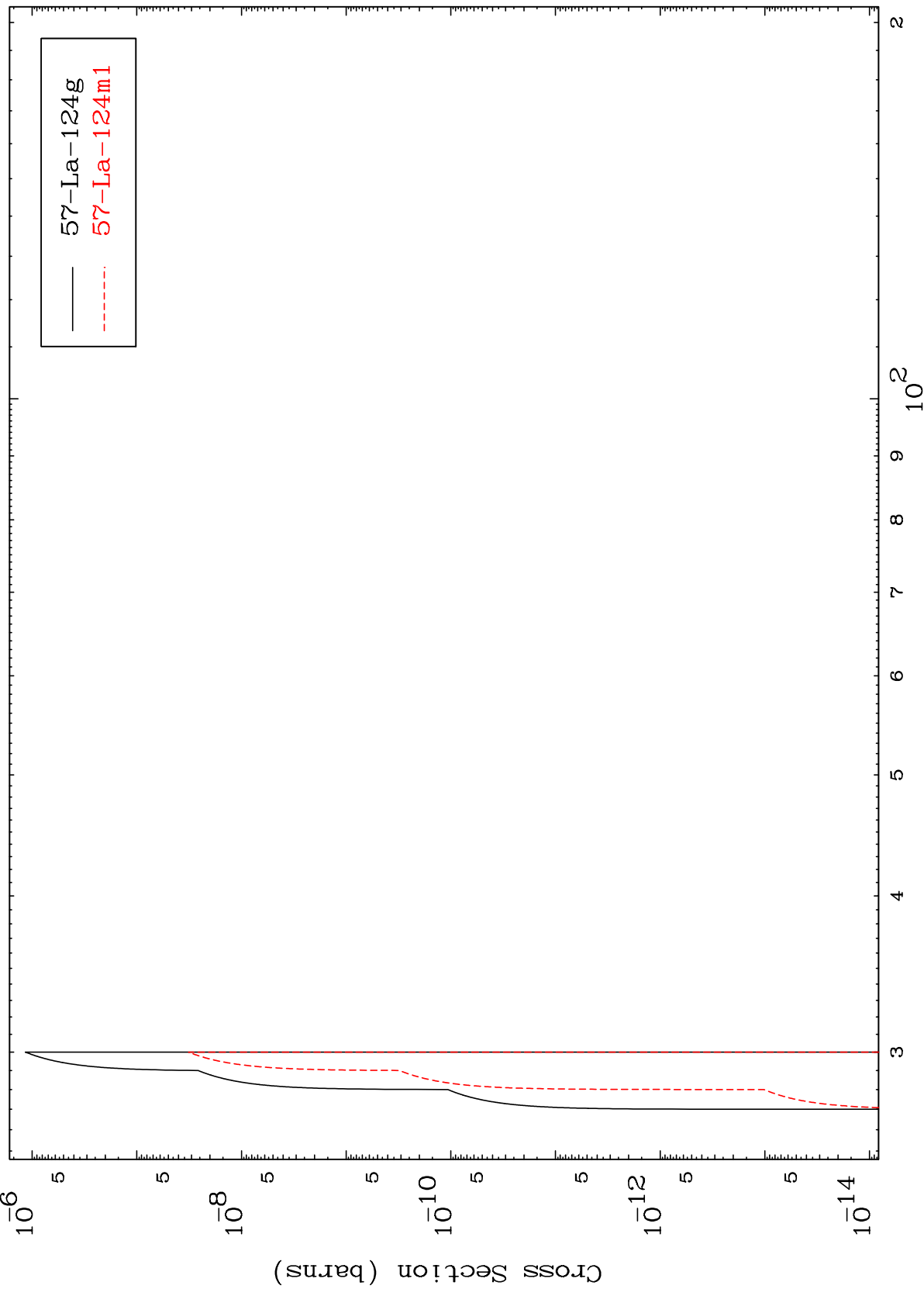


MAT 5798

(n,3n) p

58-Ce-127

Radionuclide Production Cross Section



57-La-124g
57-La-124m1

113

Incident Energy (MeV)

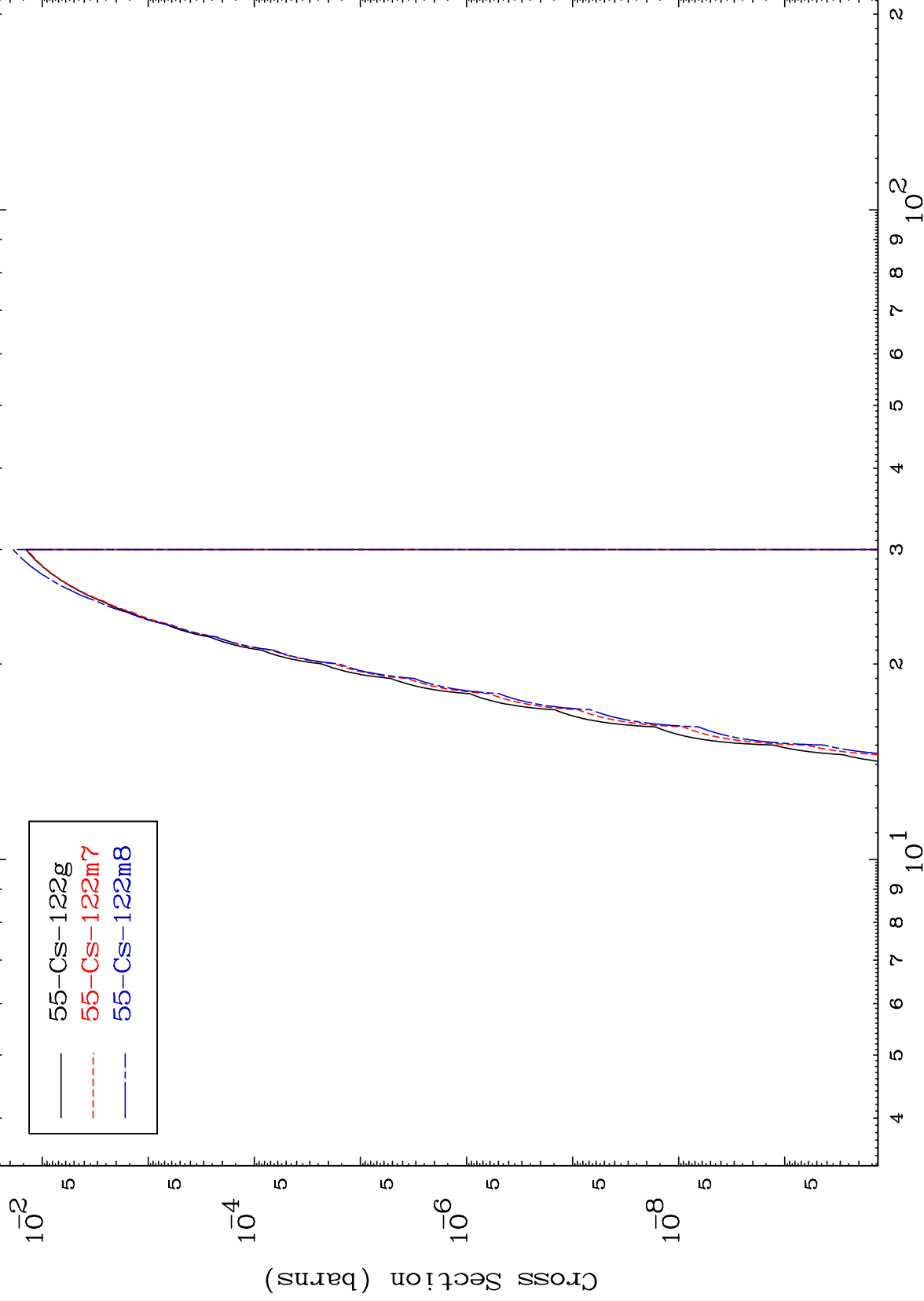
58-Ce-127

MAT 5798

(n,n') p α

58-Ce-127

Radionuclide Production Cross Section



114

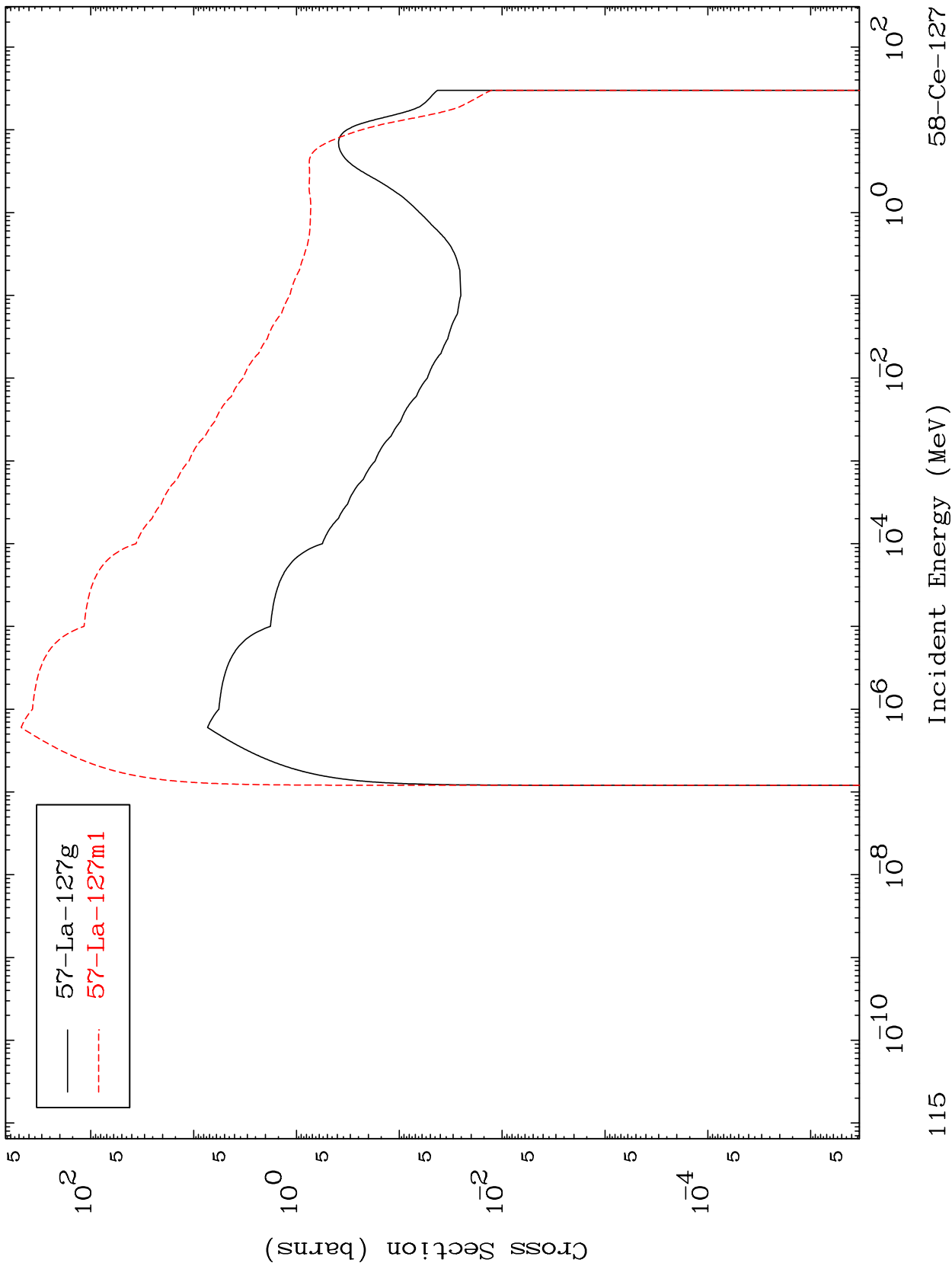
Incident Energy (MeV)

58-Ce-127

MAT 5798

58-Ce-127

(n,p)
Radionuclide Production Cross Section



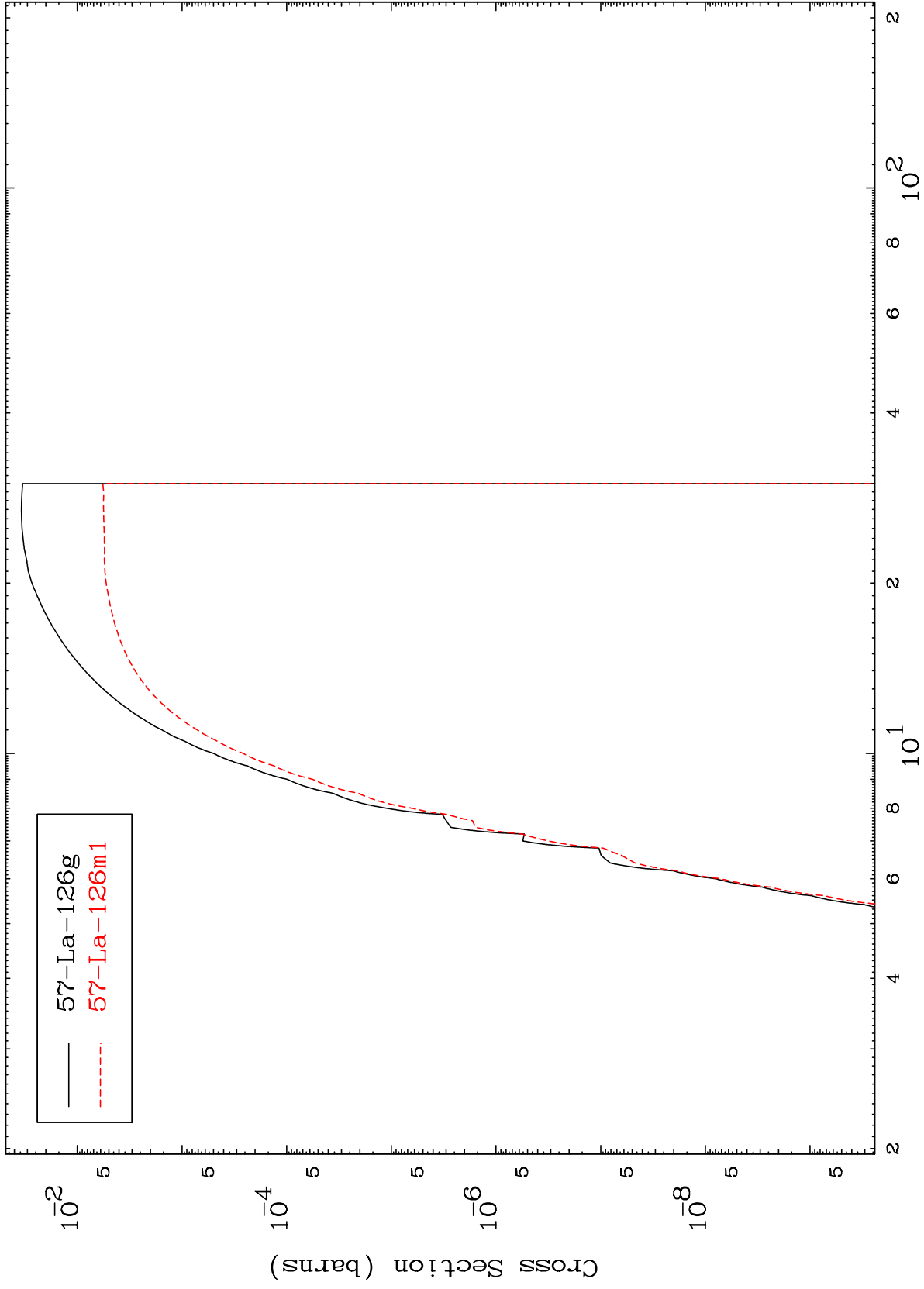
115

58-Ce-127

MAT 5798

58-Ce-127

(n,d)
Radionuclide Production Cross Section



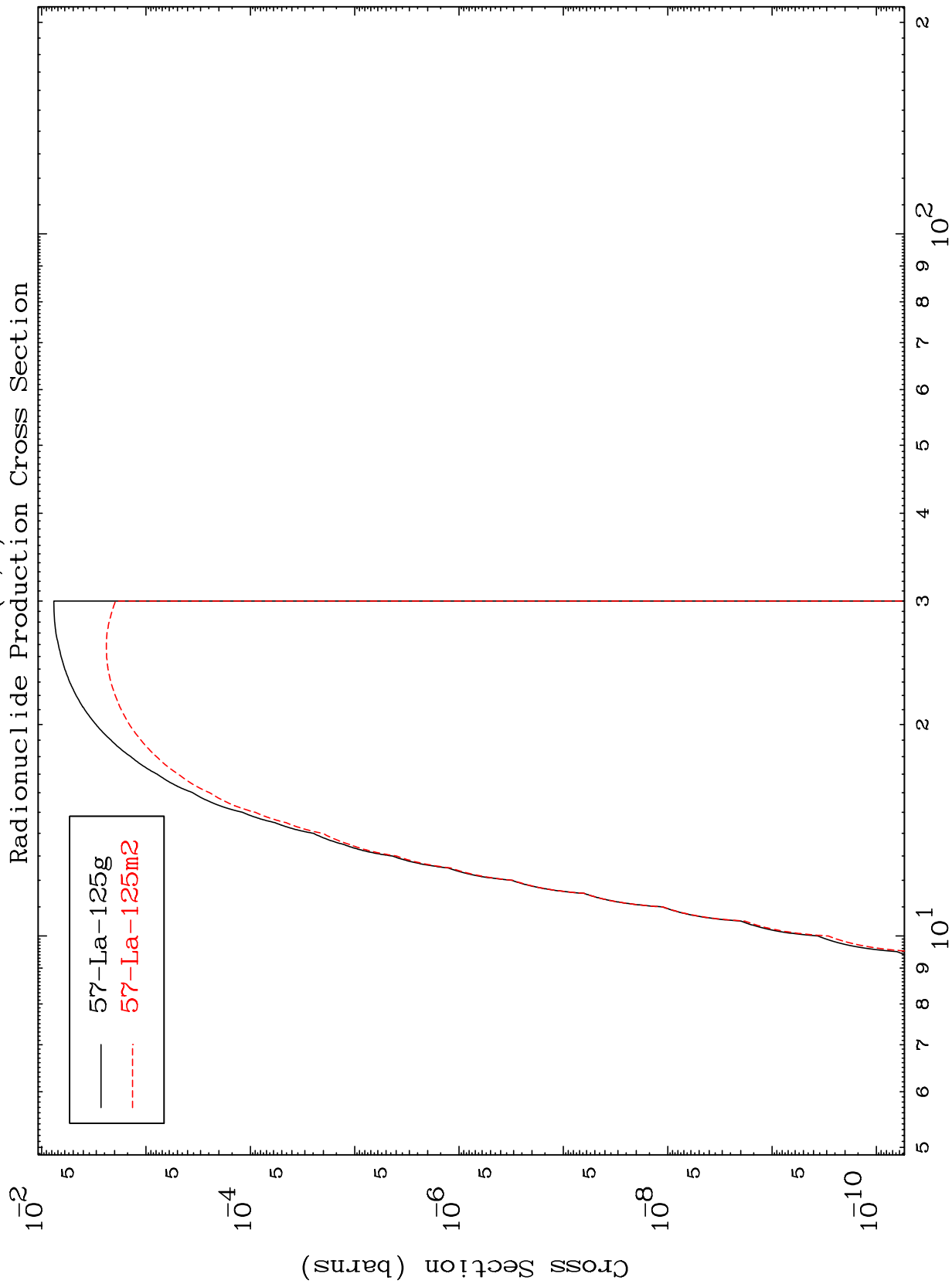
58-Ce-127

Incident Energy (MeV)

116

MAT 5798

58-Ce-127



117

Incident Energy (MeV)

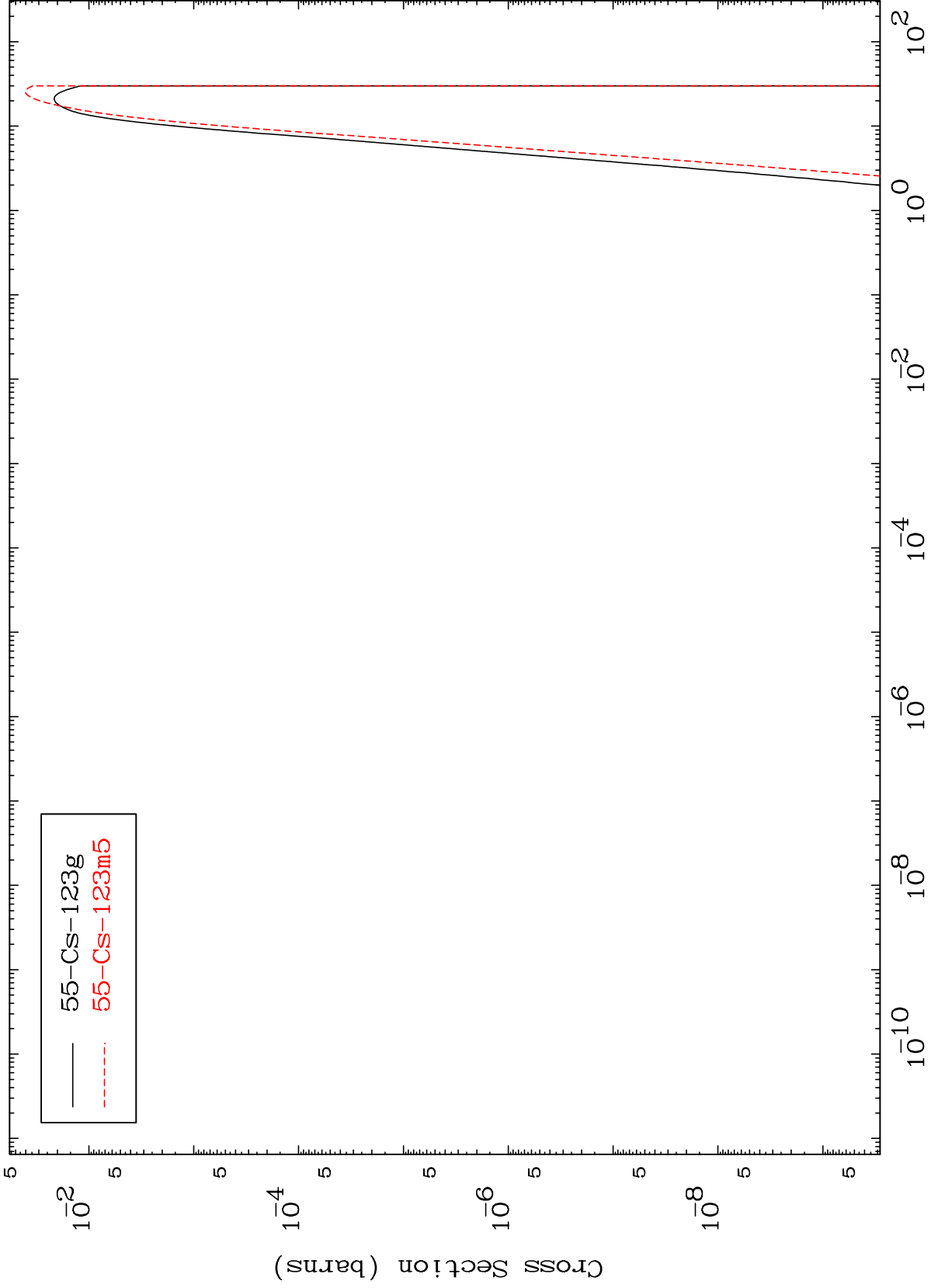
58-Ce-127

MAT 5798

(n,p) α

58-Ce-127

Radionuclide Production Cross Section

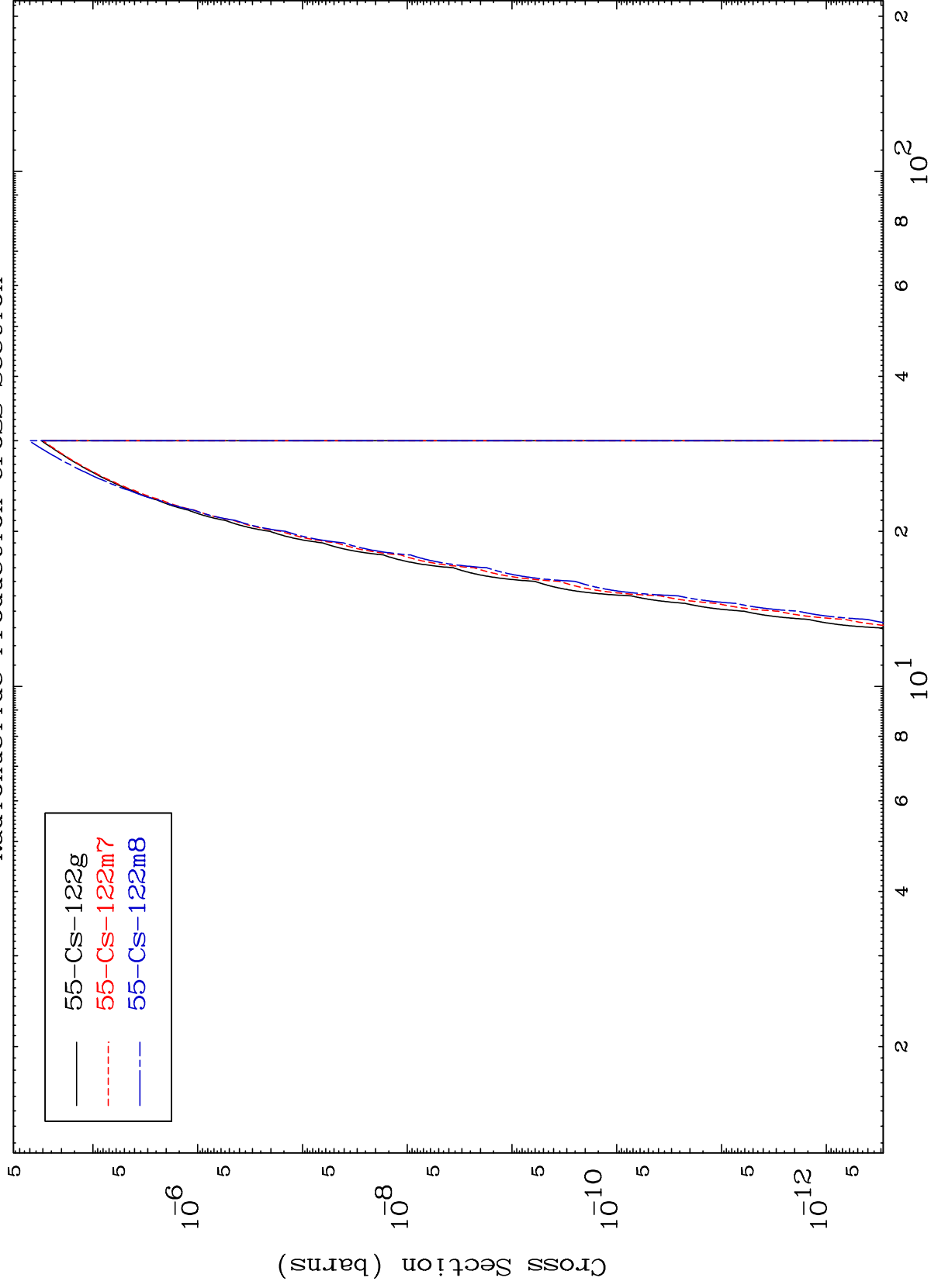


MAT 5798

(n,d) α

58-Ce-127

Radionuclide Production Cross Section



119

Incident Energy (MeV)

58-Ce-127