

Program EVALPLOT  
(Version 2018-1)

by

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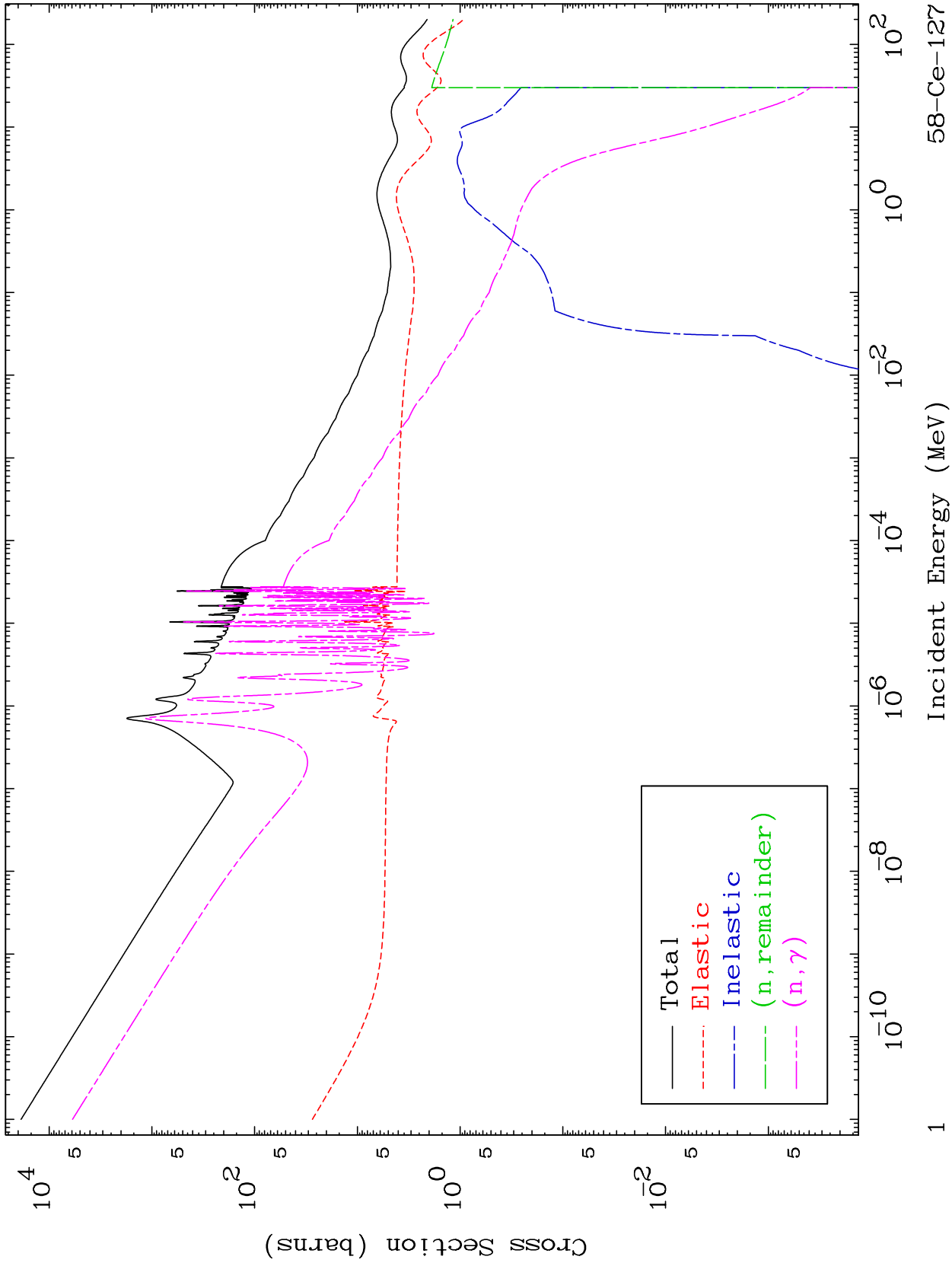
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5798

Major  
293 Kelvin Cross Sections

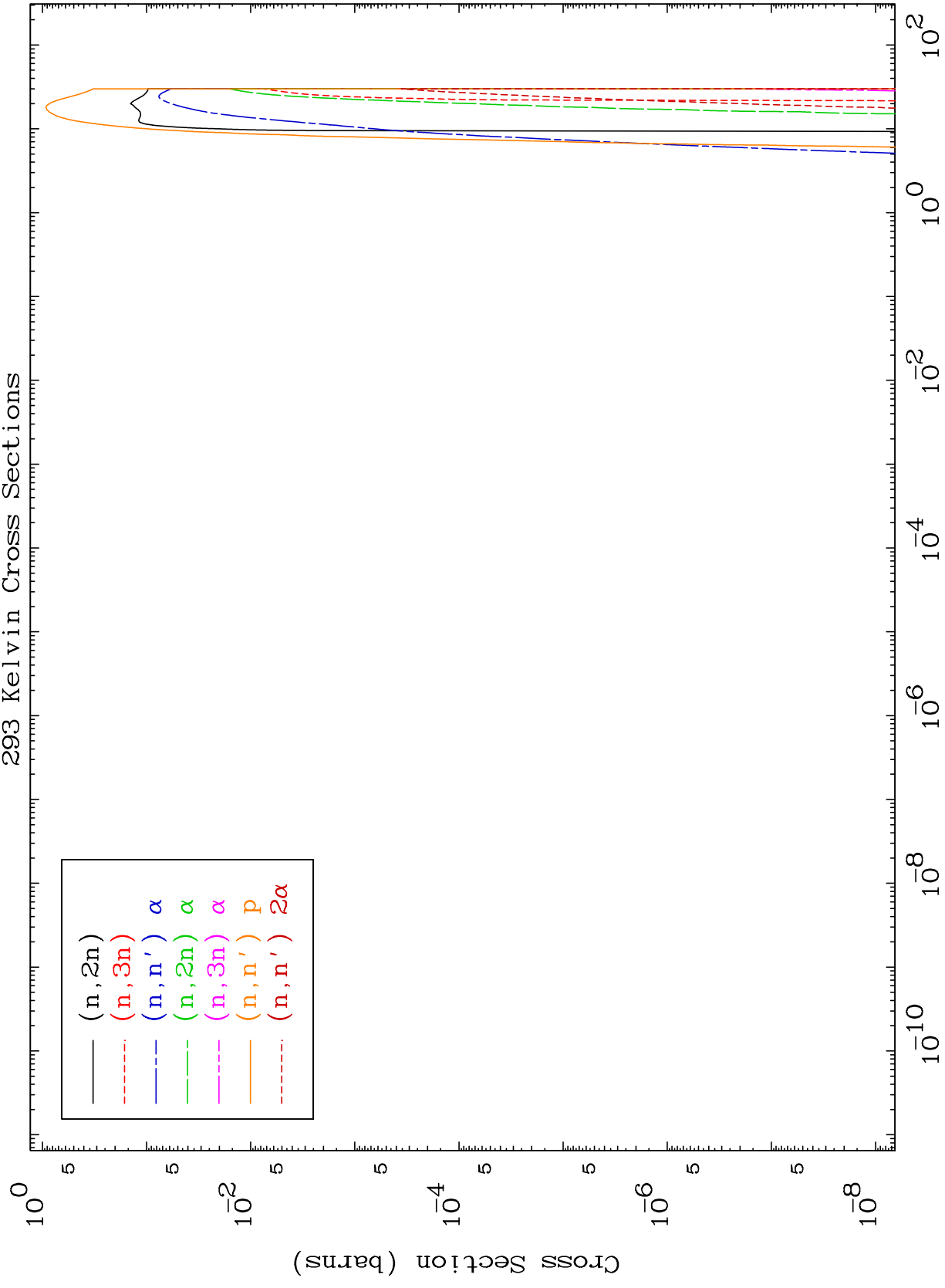
58-Ce-127

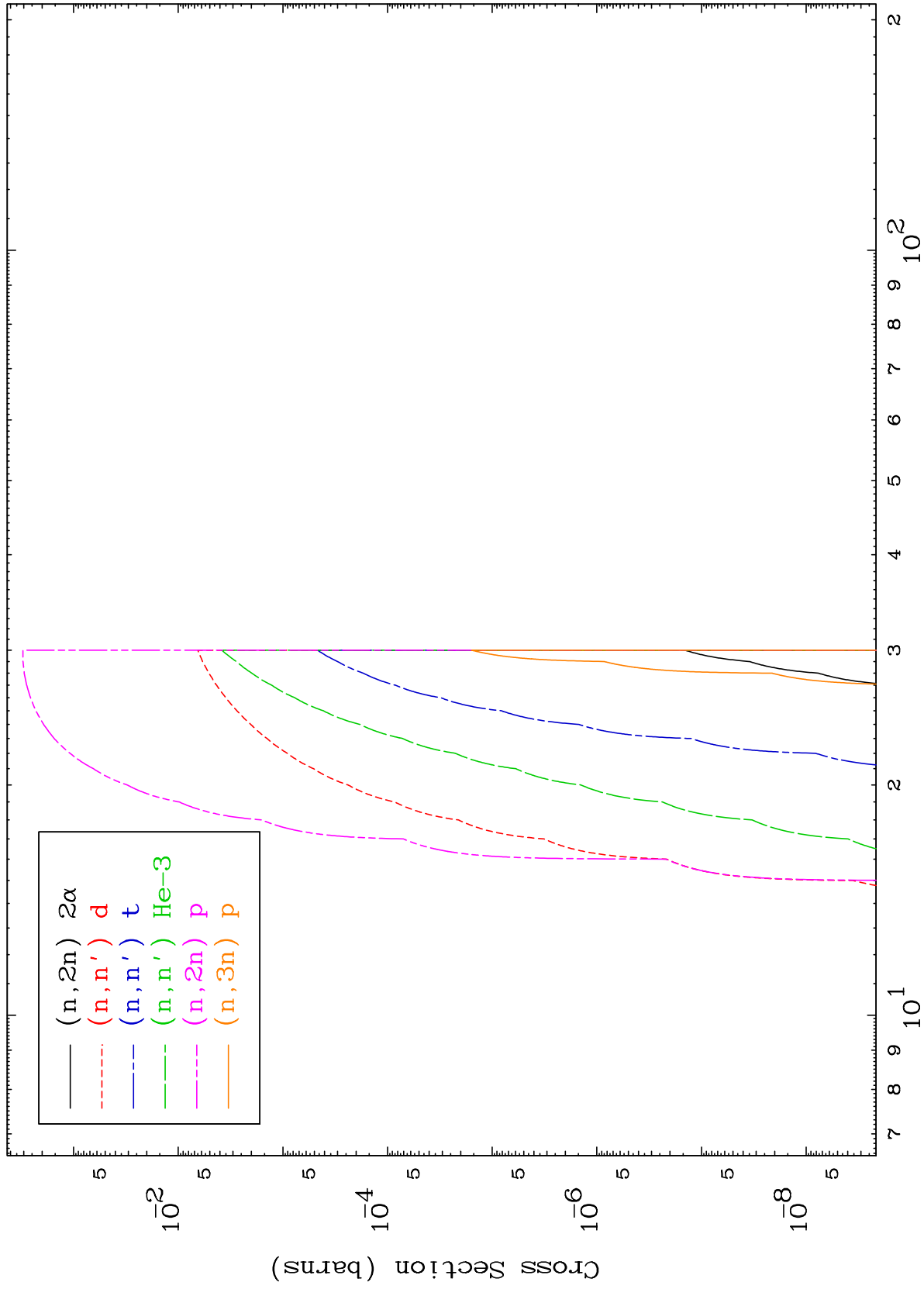


MAT 5798

Neutron Production  
293 Kelvin Cross Sections

58-Ce-127

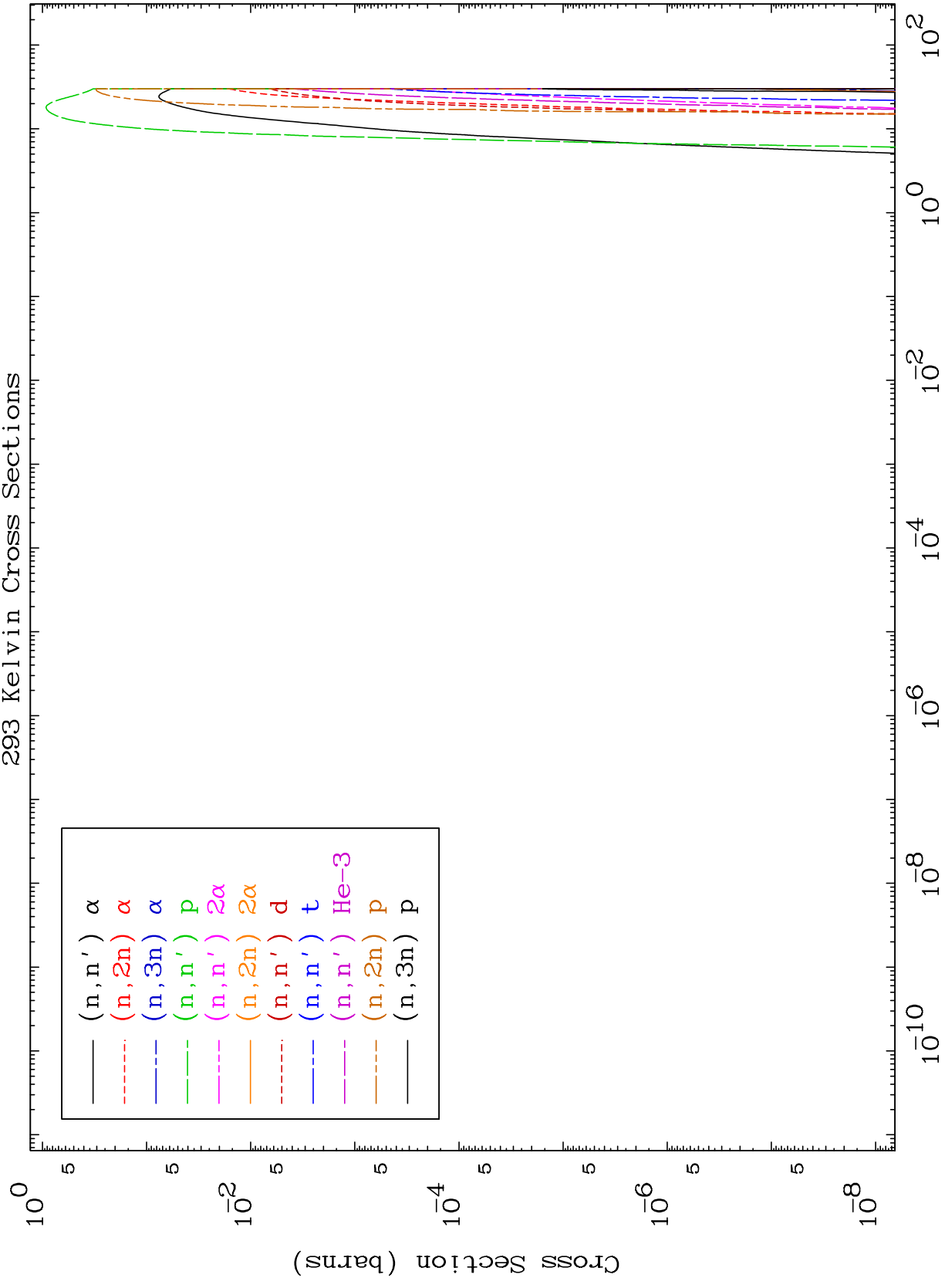




MAT 5798

Charged Particle  
293 Kelvin Cross Sections

58-Ce-127

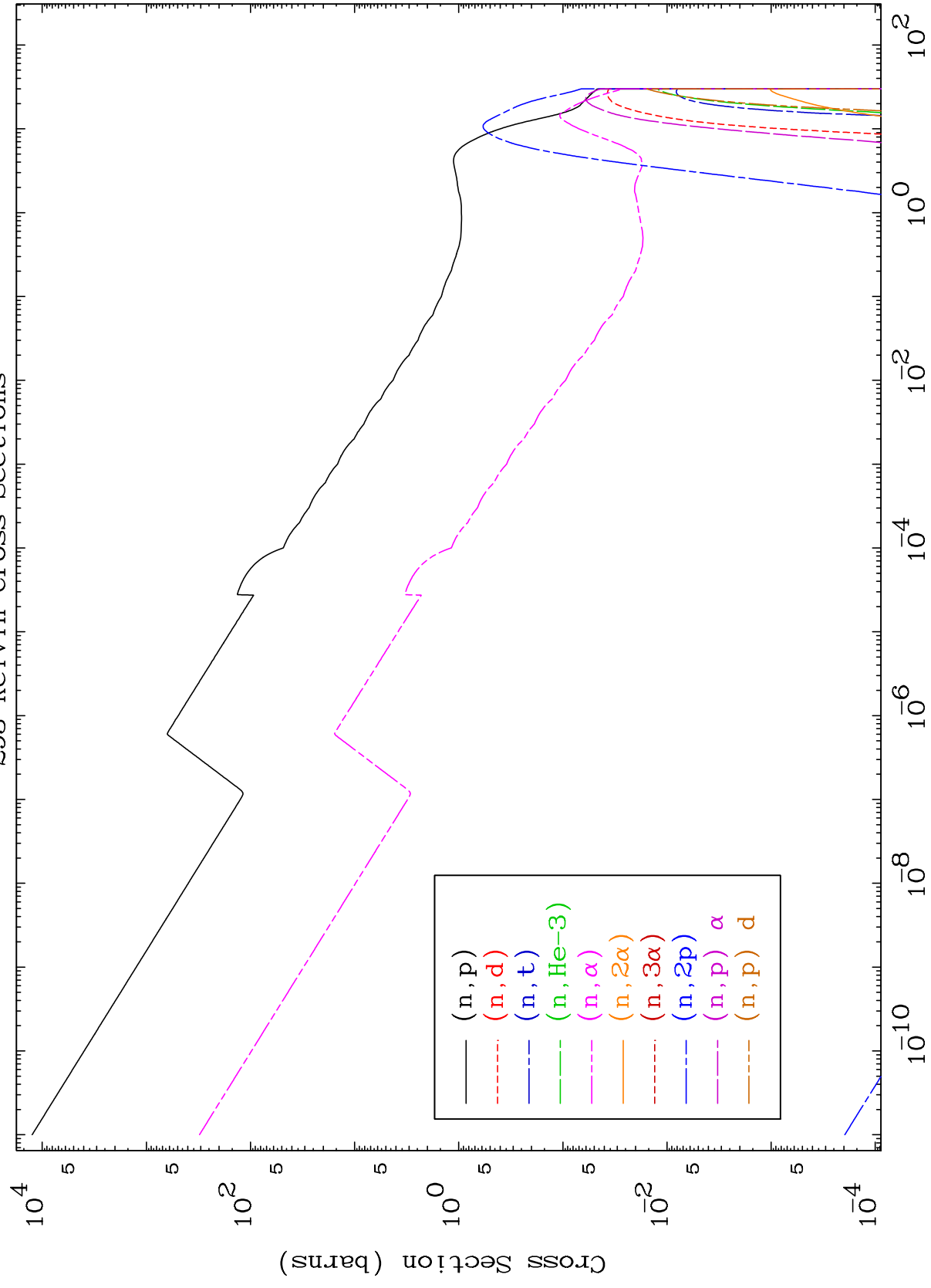


58-Ce-127

MAT 5798

Charged Particle  
293 Kelvin Cross Sections

58-Ce-127



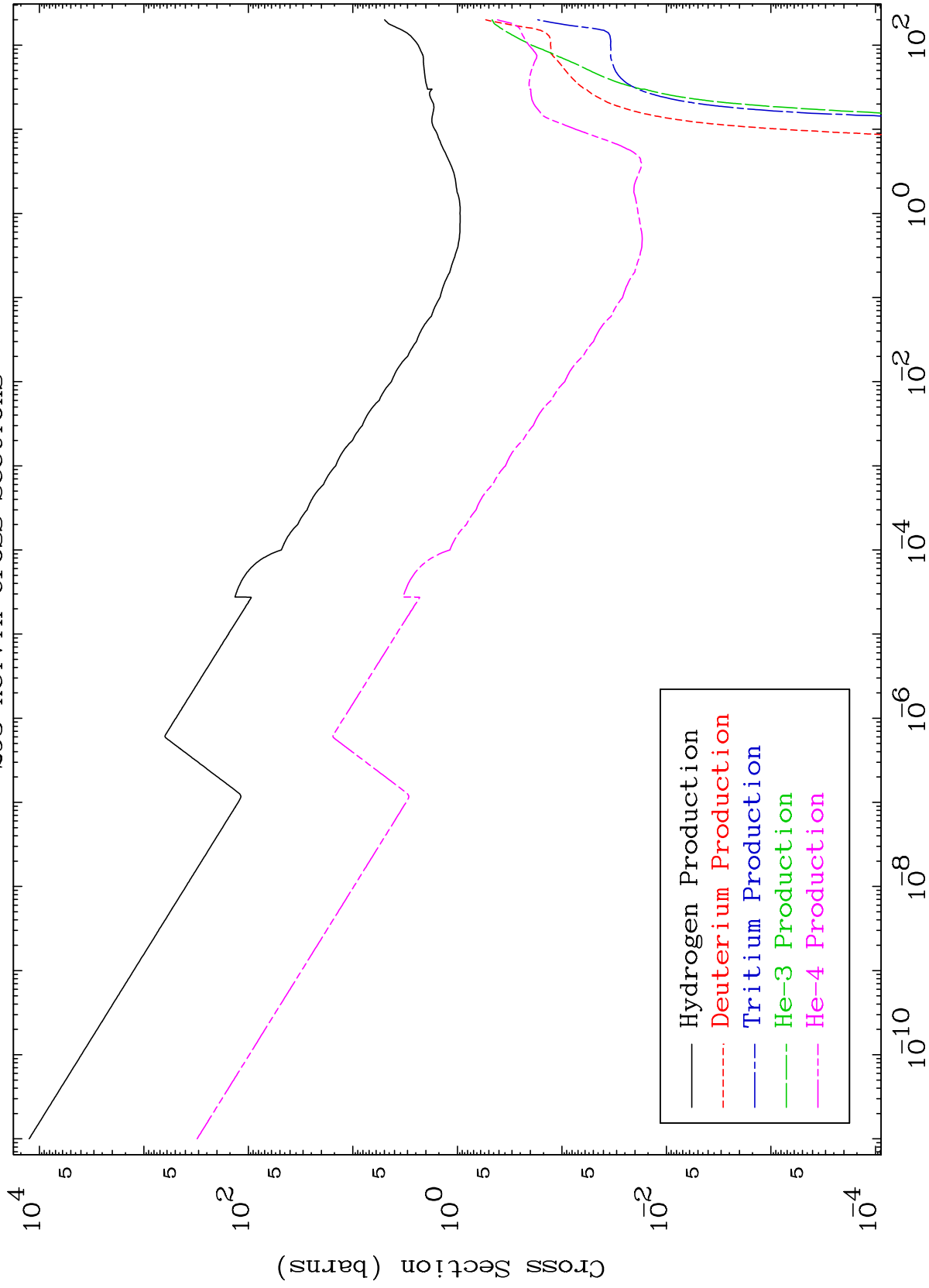
5

58-Ce-127

MAT 5798

Particle Production  
293 Kelvin Cross Sections

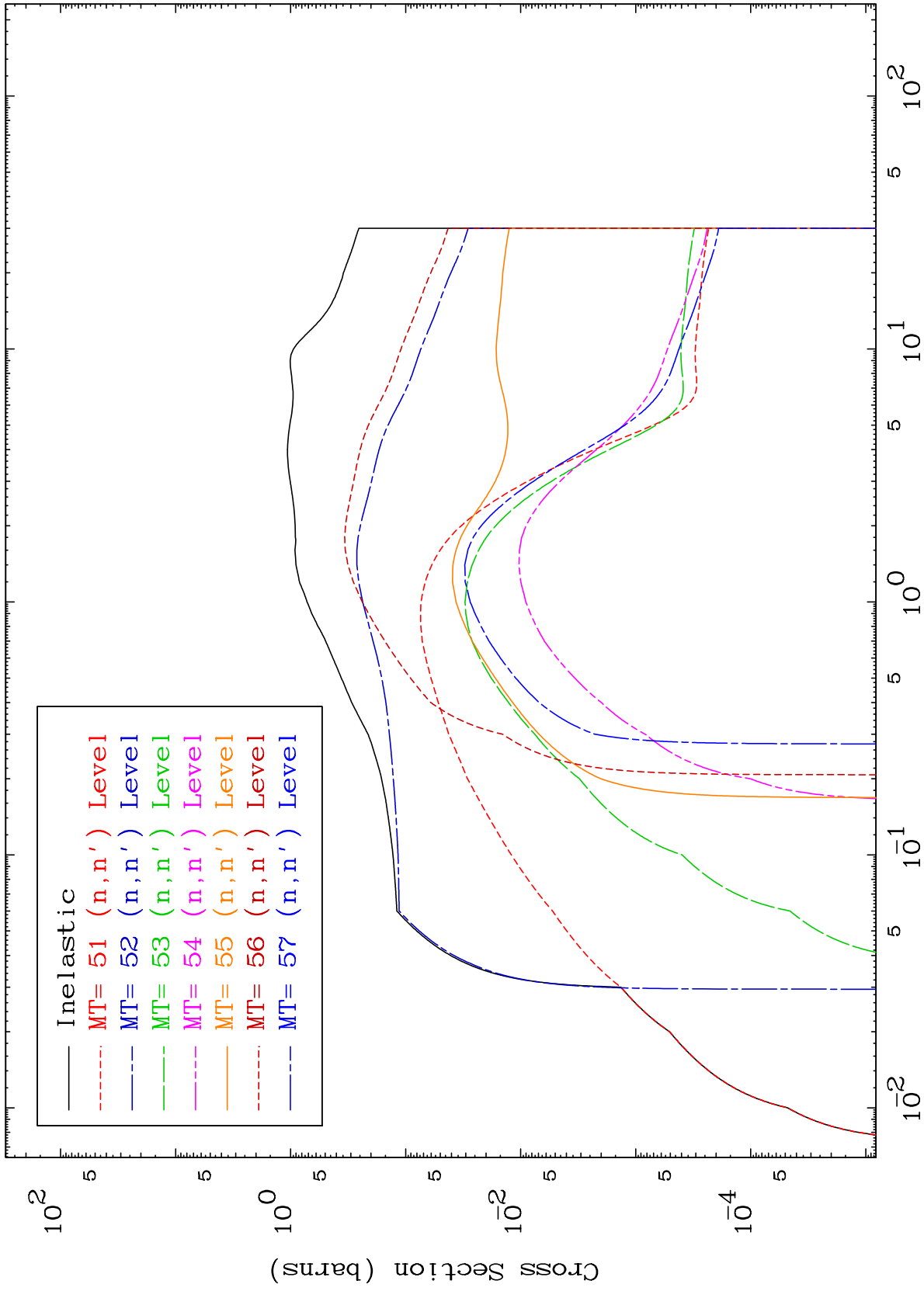
58-Ce-127



MAT 5798

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-127



7

Incident Energy (MeV)

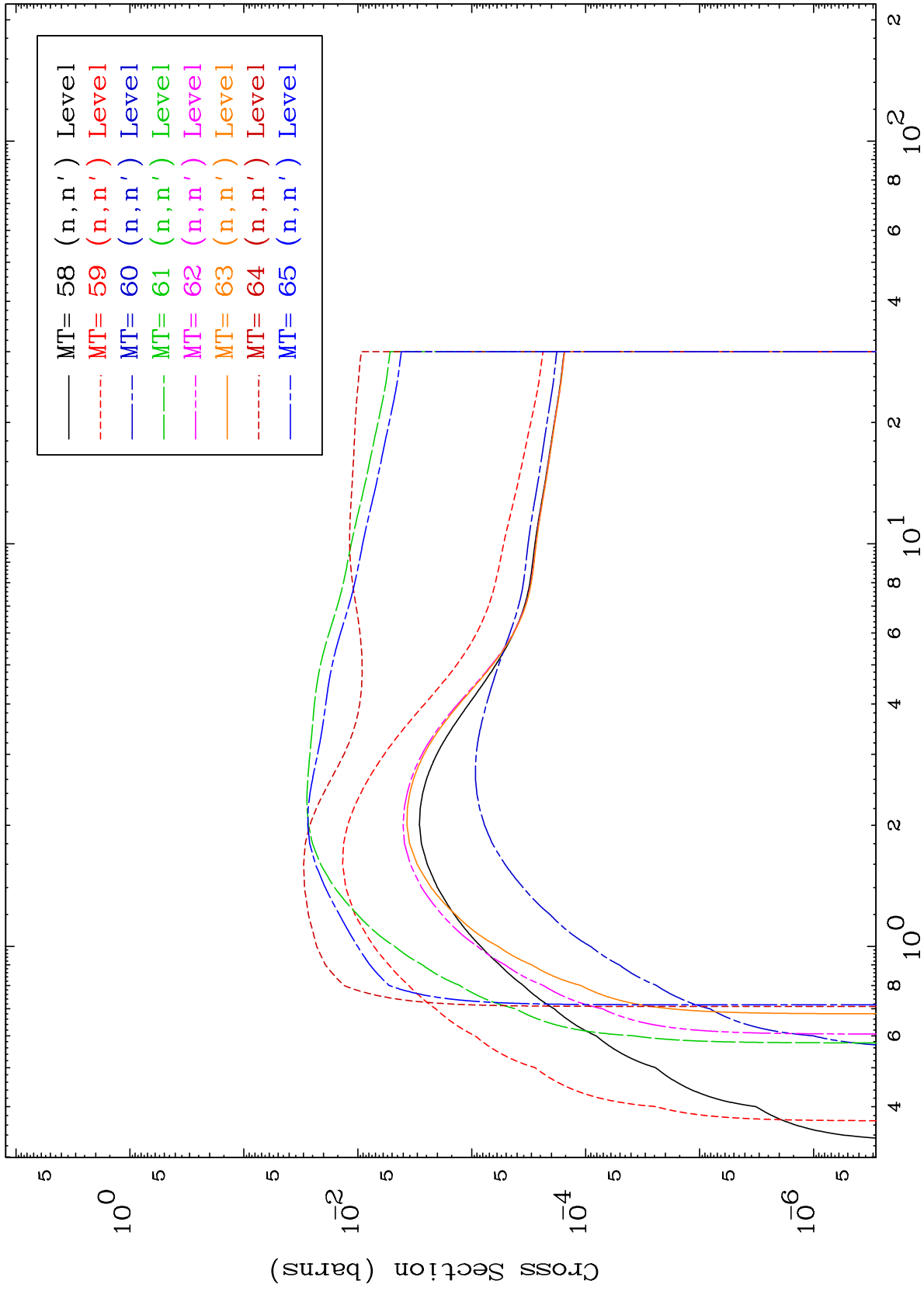
58-Ce-127



MAT 5798

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-127



8

Incident Energy (MeV)

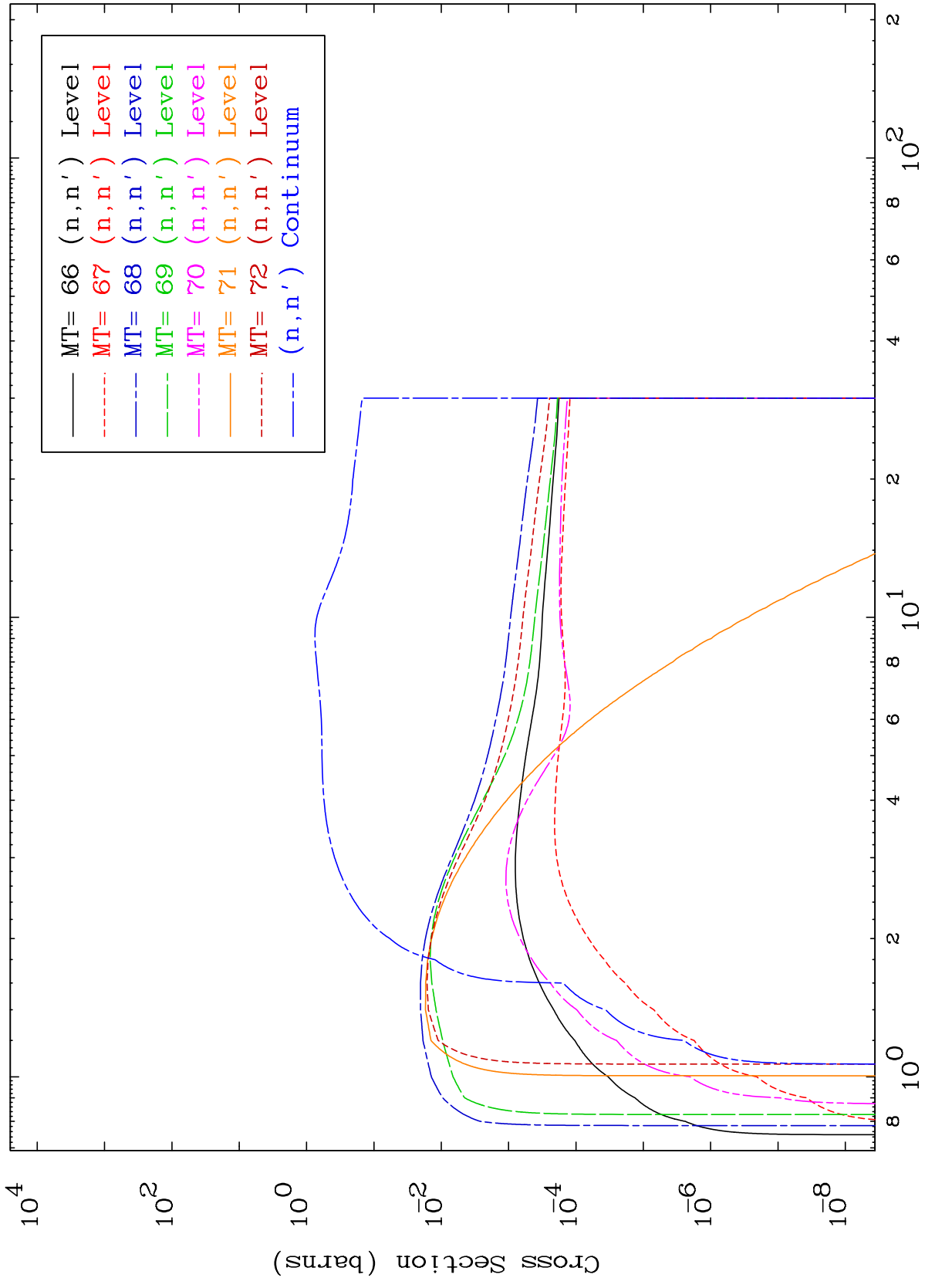
58-Ce-127

MAT 5798

(n,n') Level

58-Ce-127

293 Kelvin Cross Sections



9

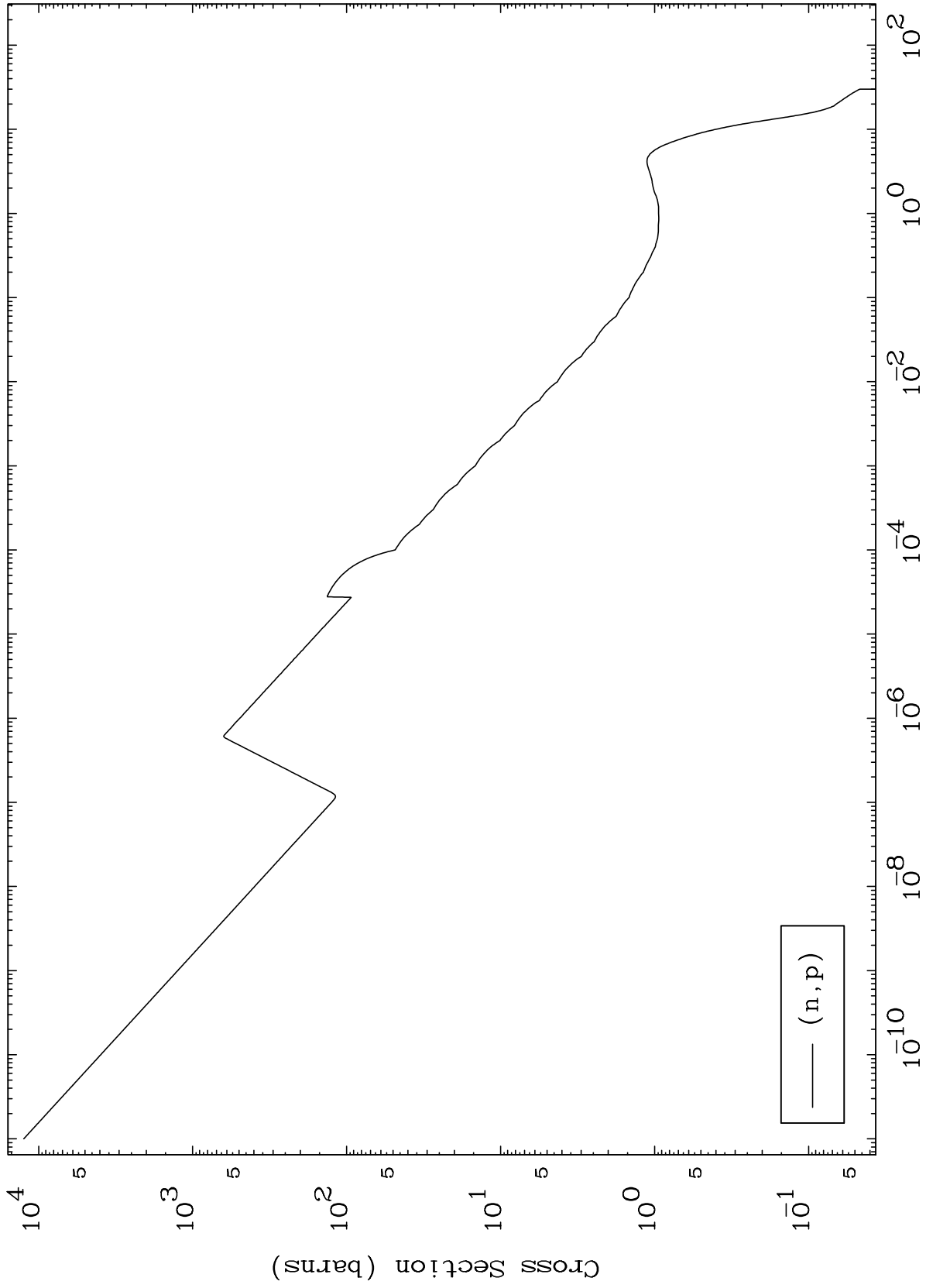
Incident Energy (MeV)

58-Ce-127

MAT 5798

(n,p) Levels  
293 Kelvin Cross Sections

58-Ce-127



10

Incident Energy (MeV)

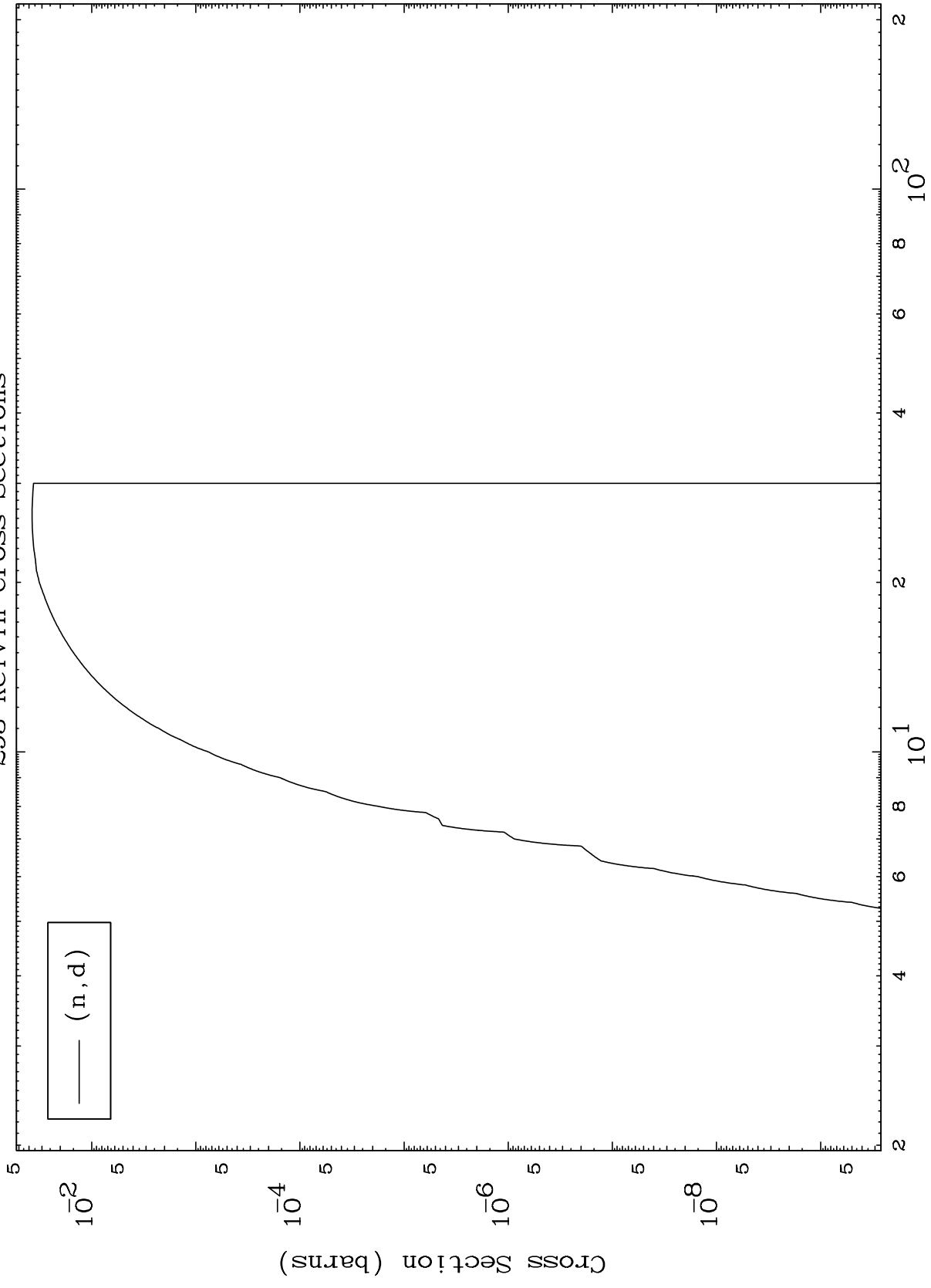
58-Ce-127

(n,p)

MAT 5798

(n,d) Levels  
293 Kelvin Cross Sections

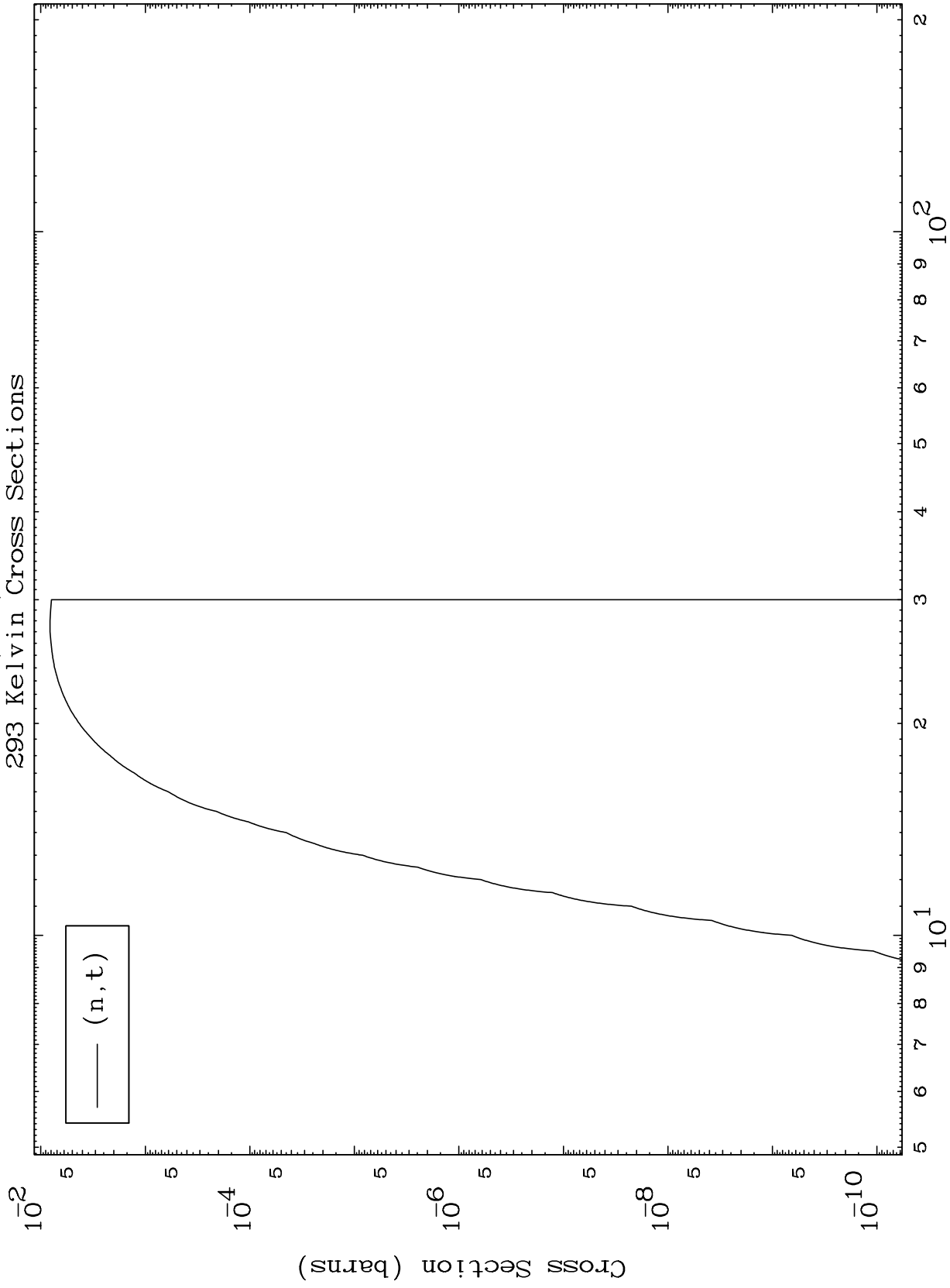
58-Ce-127



MAT 5798

(n,t) Levels  
293 Kelvin Cross Sections

58-Ce-127



12

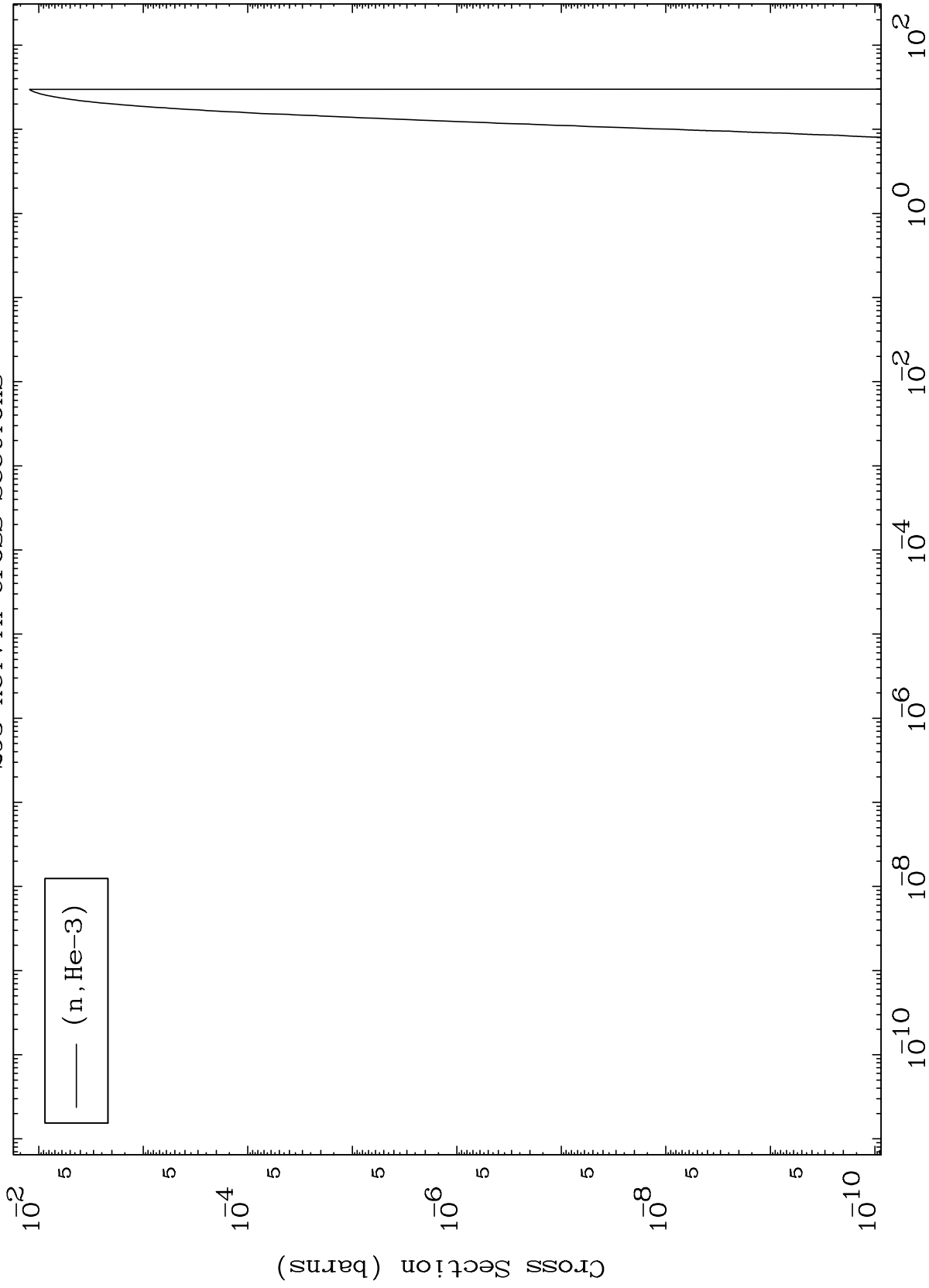
Incident Energy (MeV)

58-Ce-127

MAT 5798

(n,He3) Levels  
293 Kelvin Cross Sections

58-Ce-127



13

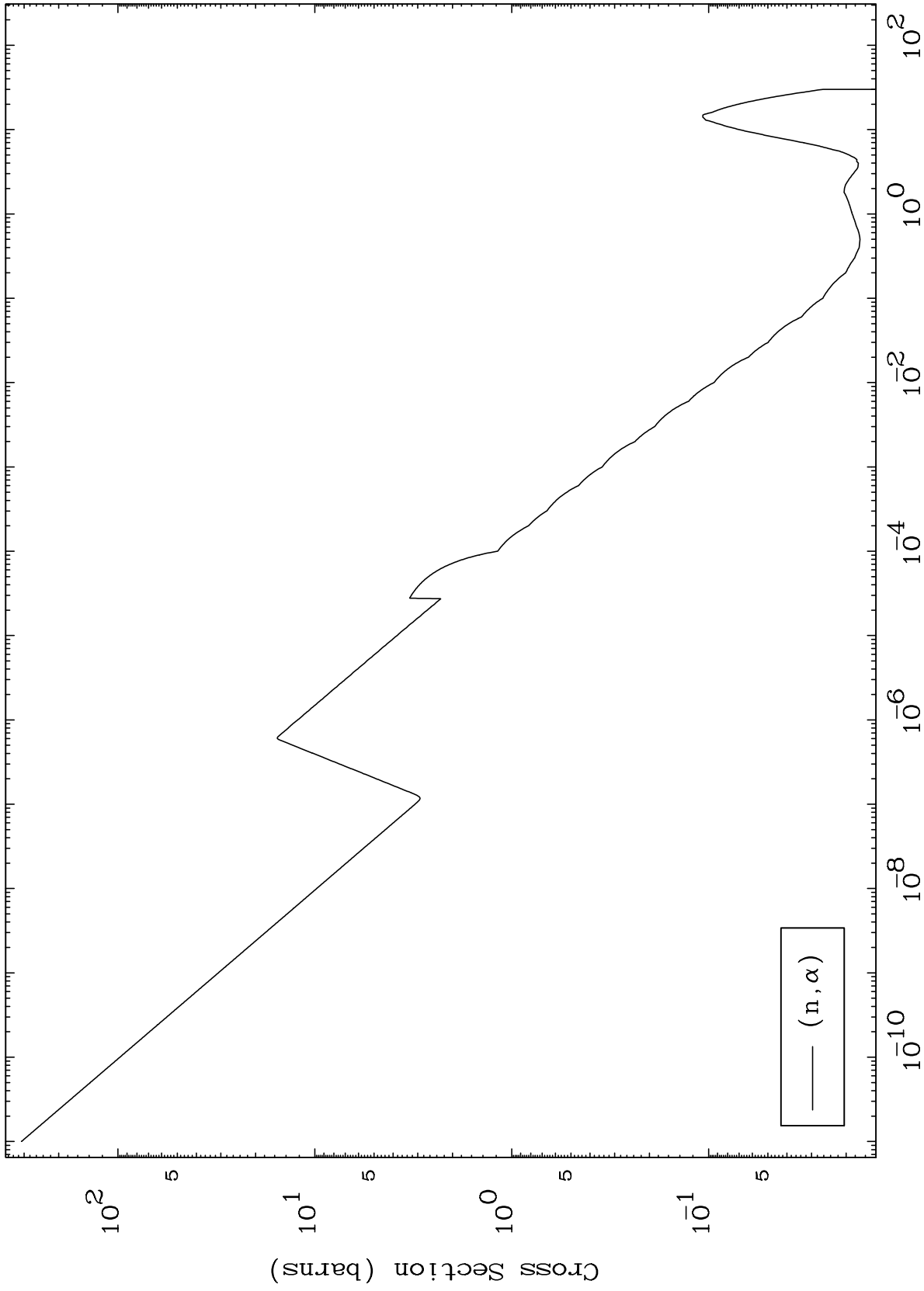
Incident Energy (MeV)

58-Ce-127

MAT 5798

(n,α) Levels  
293 Kelvin Cross Sections

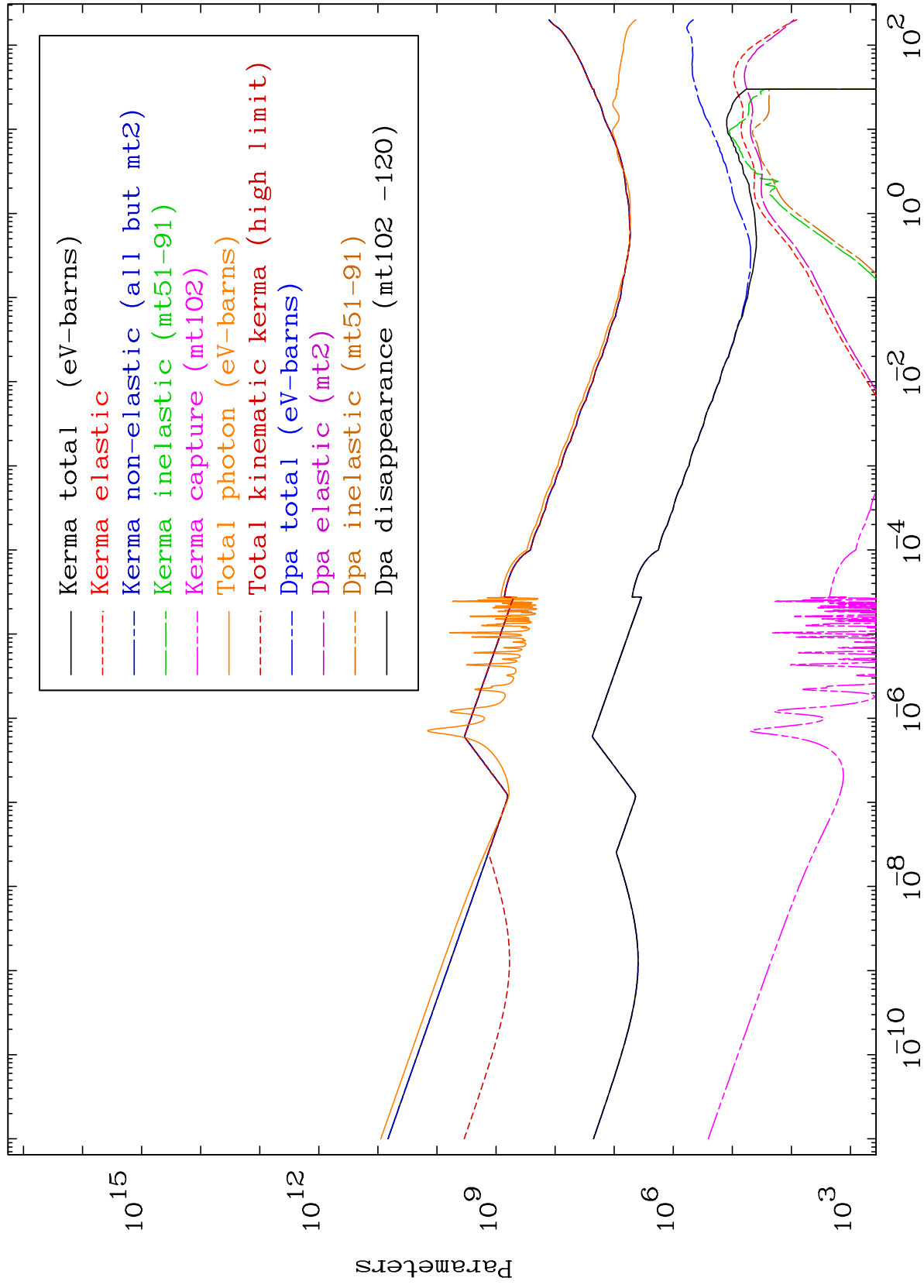
58-Ce-127



14

Incident Energy (MeV)

58-Ce-127

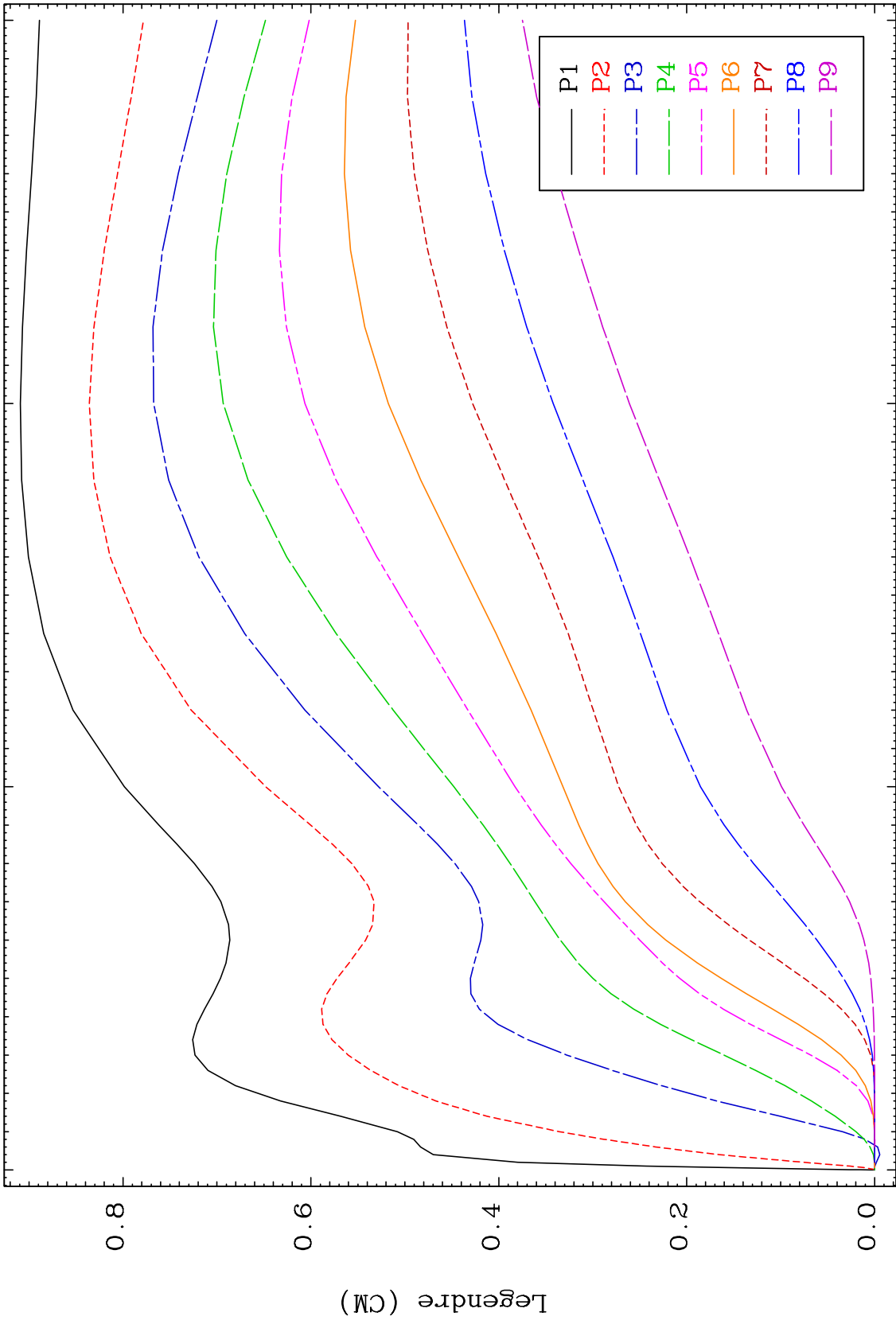




MAT 5798

Elastic Legendre Coefficients

58-Ce-127



16

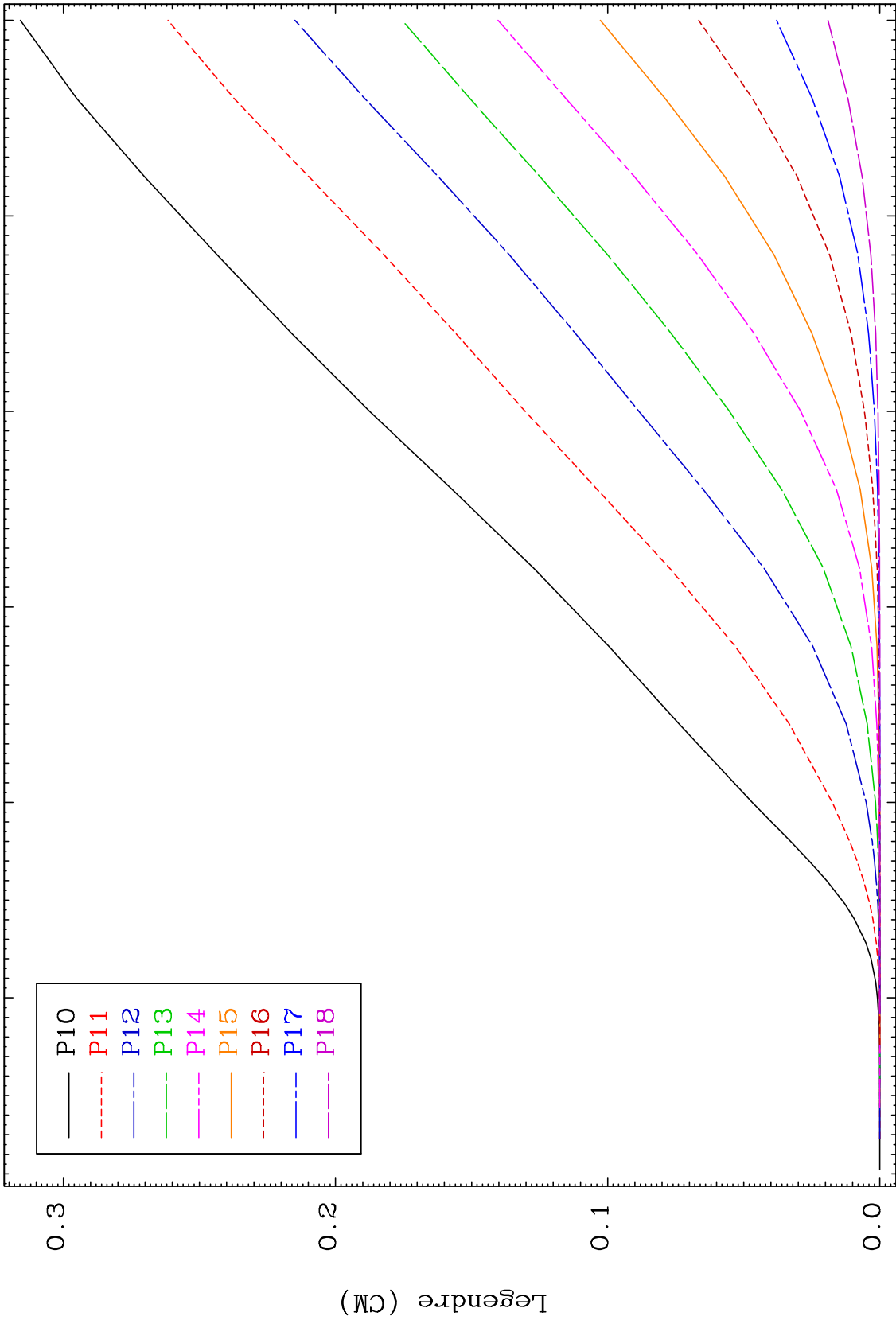
Incident Energy (MeV)

58-Ce-127

MAT 5798

Elastic Legendre Coefficients

58-Ce-127



17

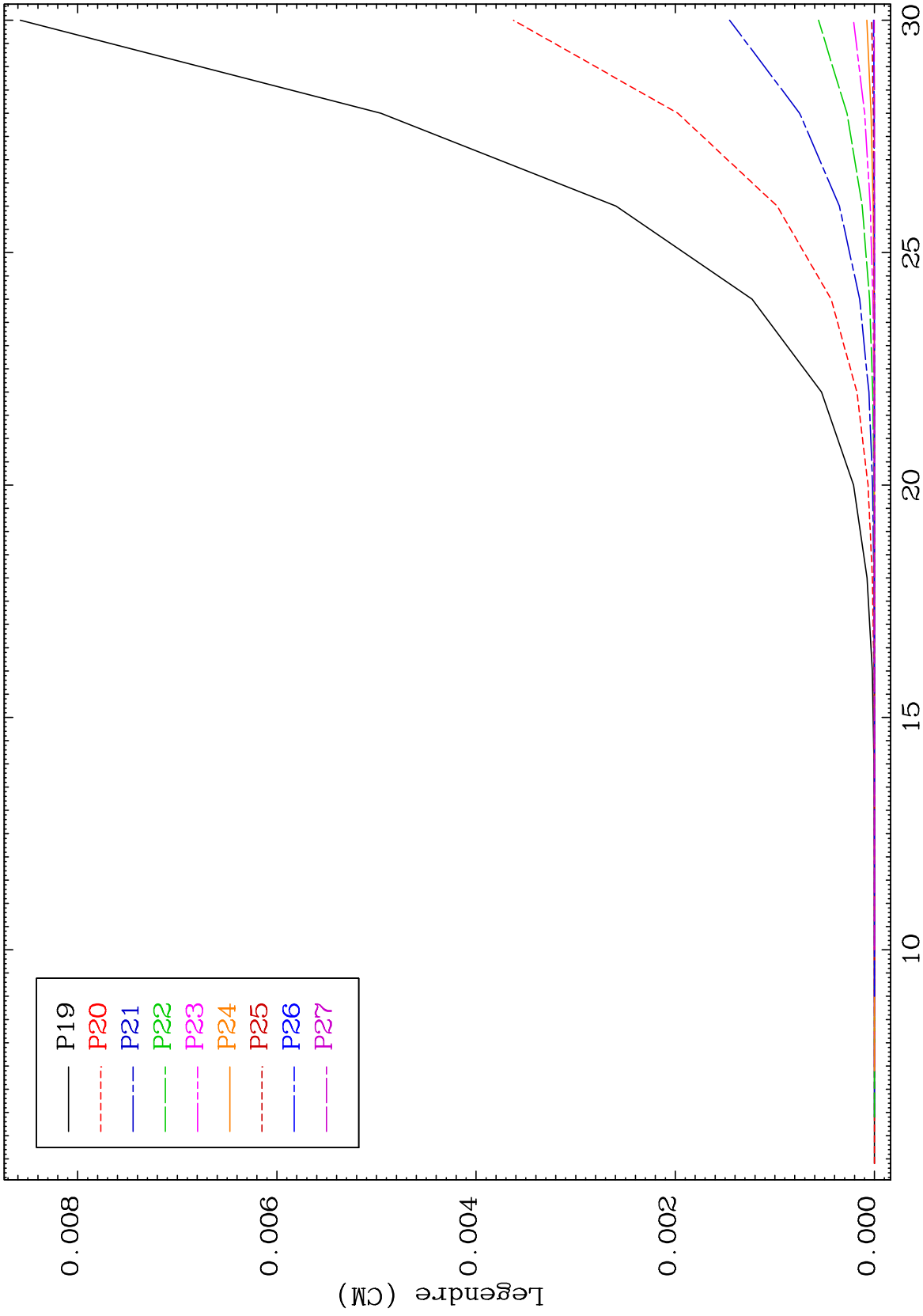
Incident Energy (MeV)

58-Ce-127

MAT 5798

### Elastic Legendre Coefficients

58-Ce-127



18

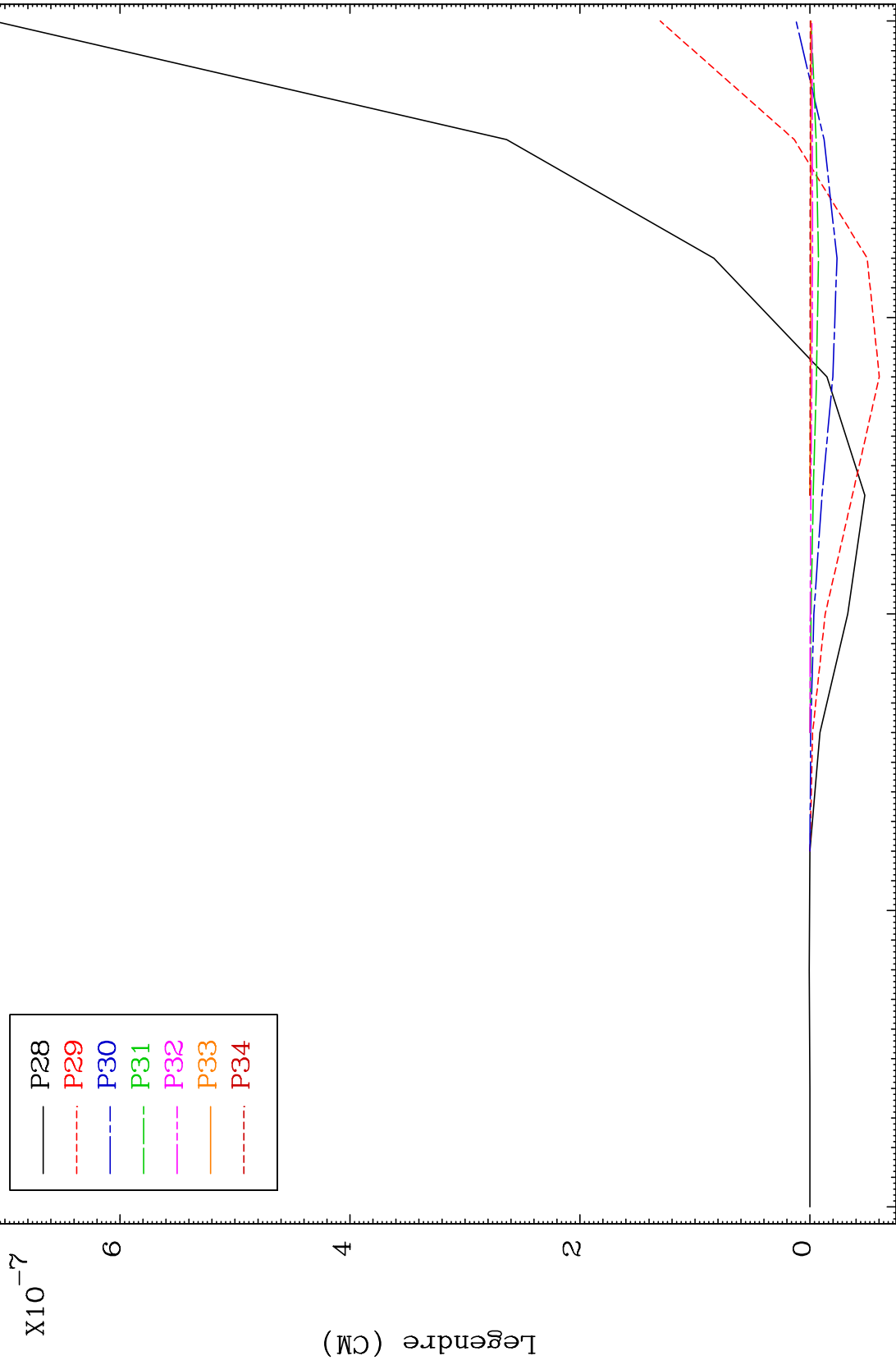
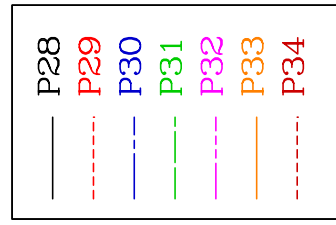
Incident Energy (MeV)

58-Ce-127

MAT 5798

Elastic Legendre Coefficients

58-Ce-127



19

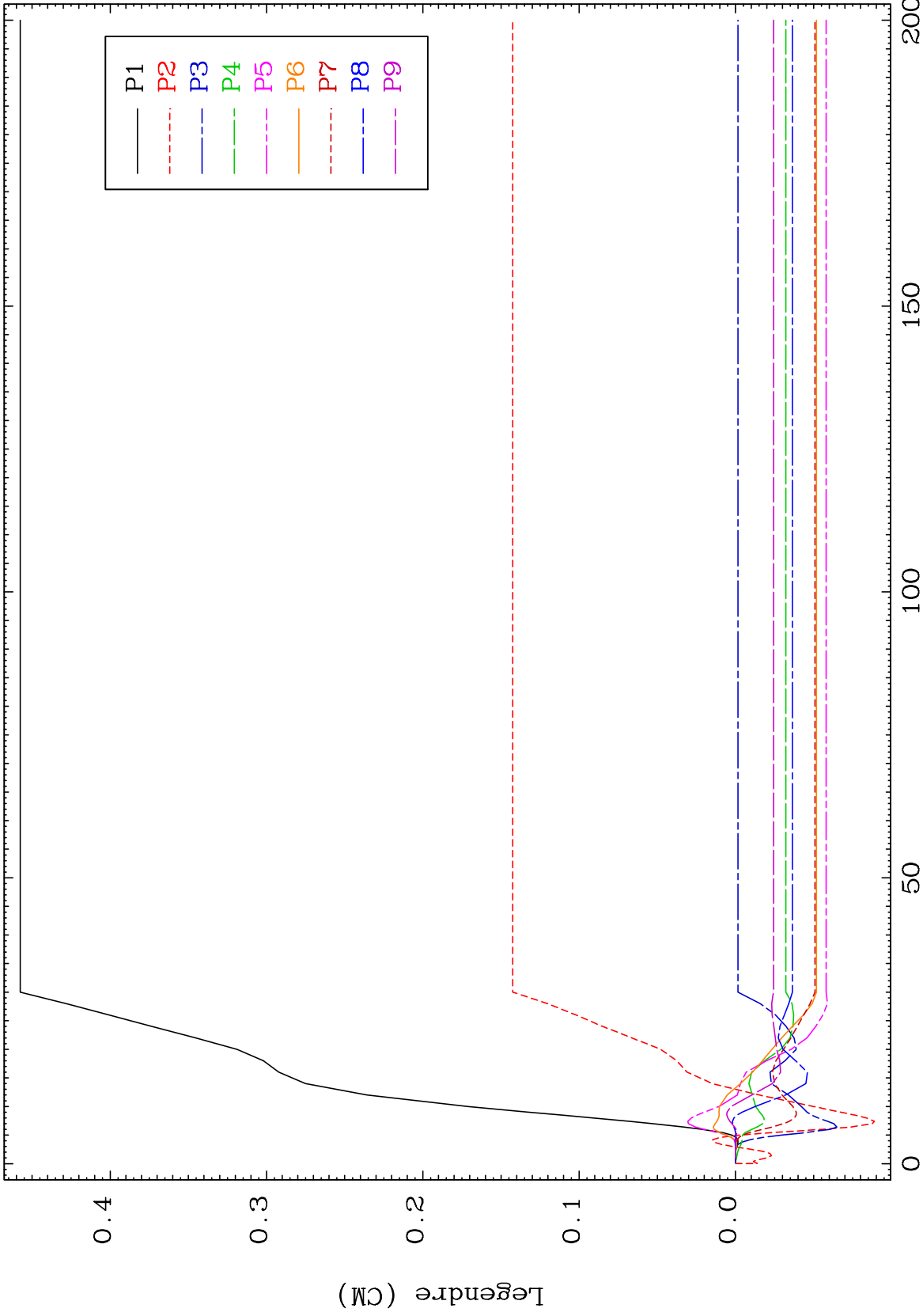
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



58-Ce-127

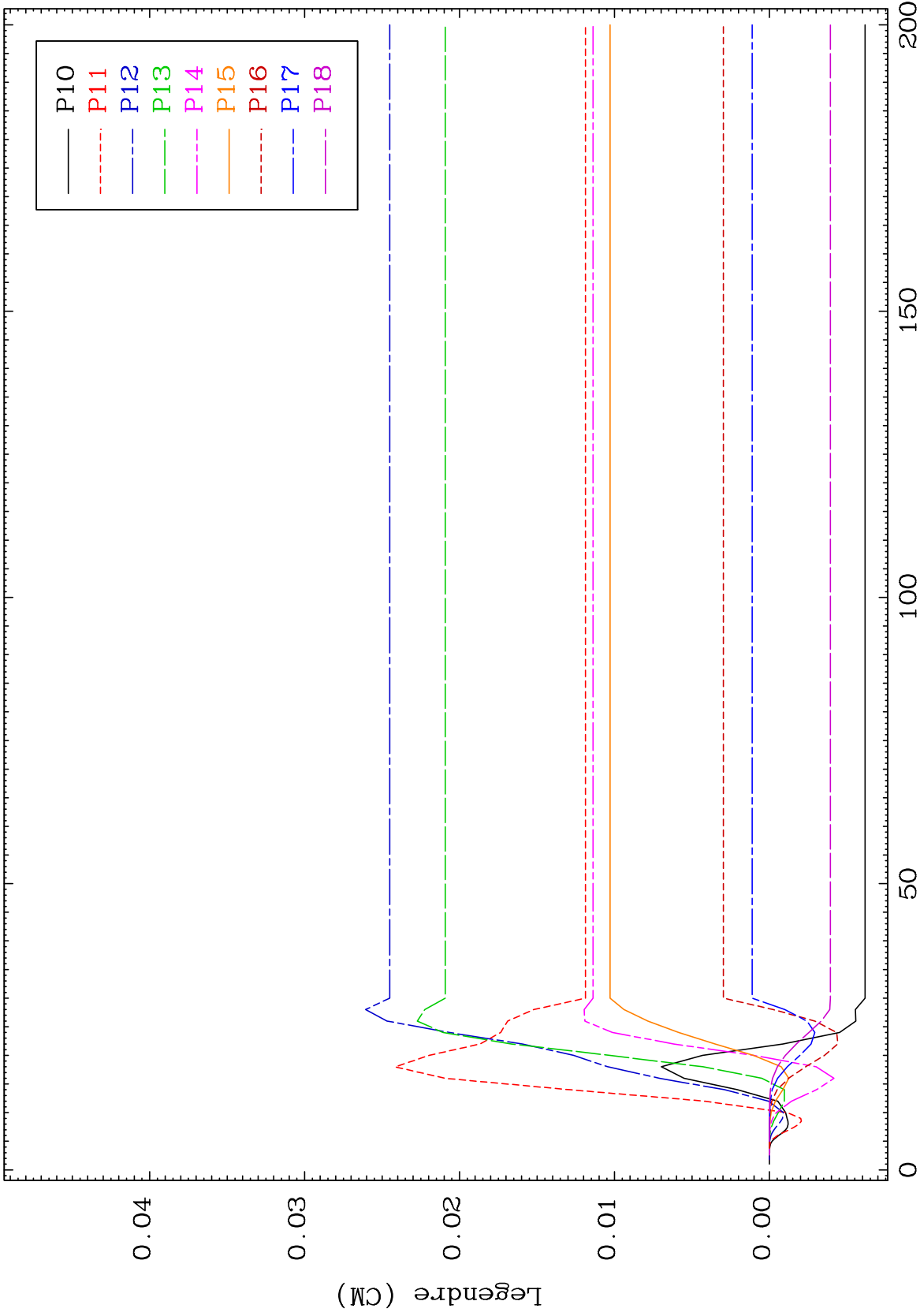
Incident Energy (MeV)

20

MAT 5798

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

58-Ce-127



21

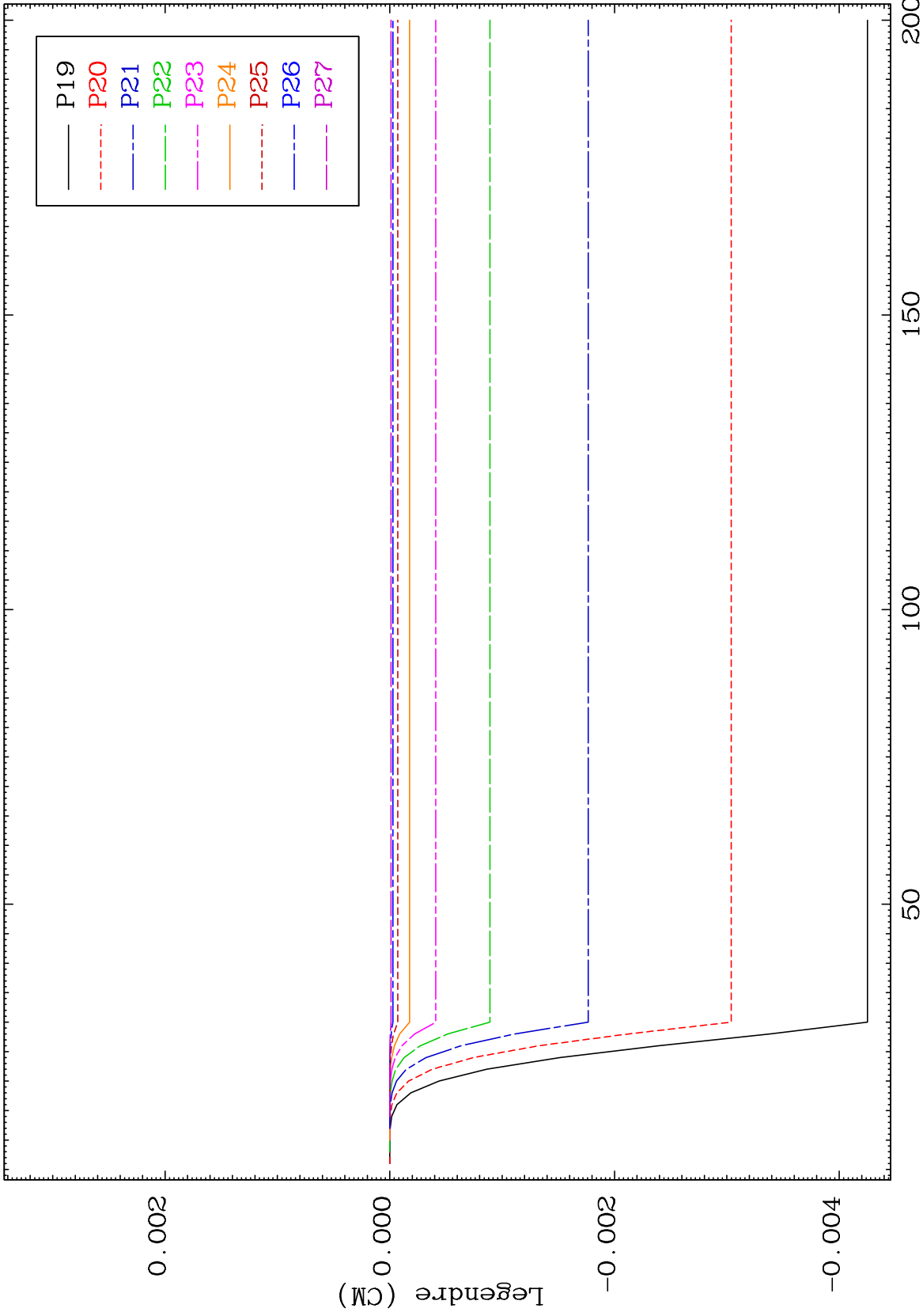
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



22

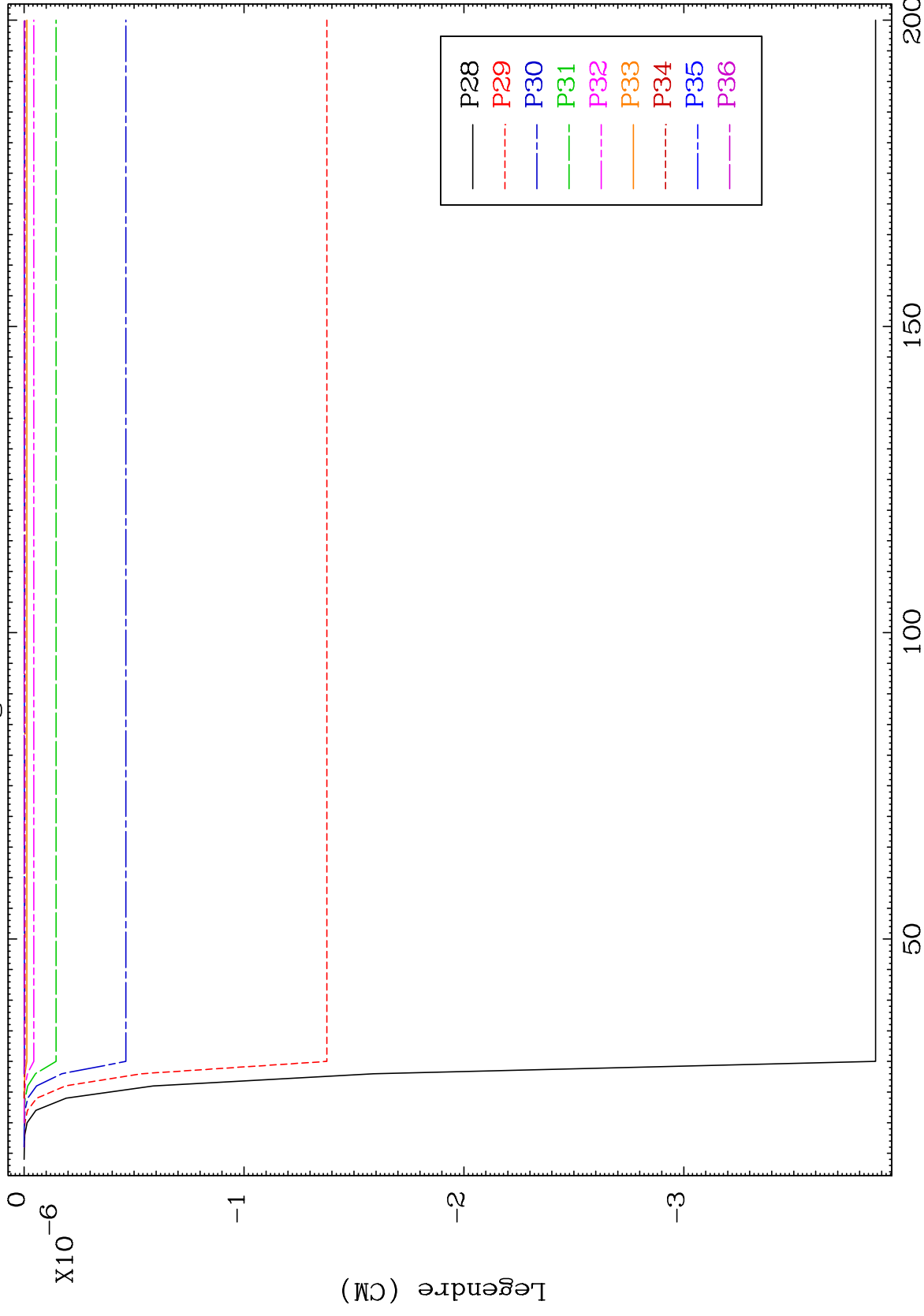
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



58-Ce-127

Incident Energy (MeV)

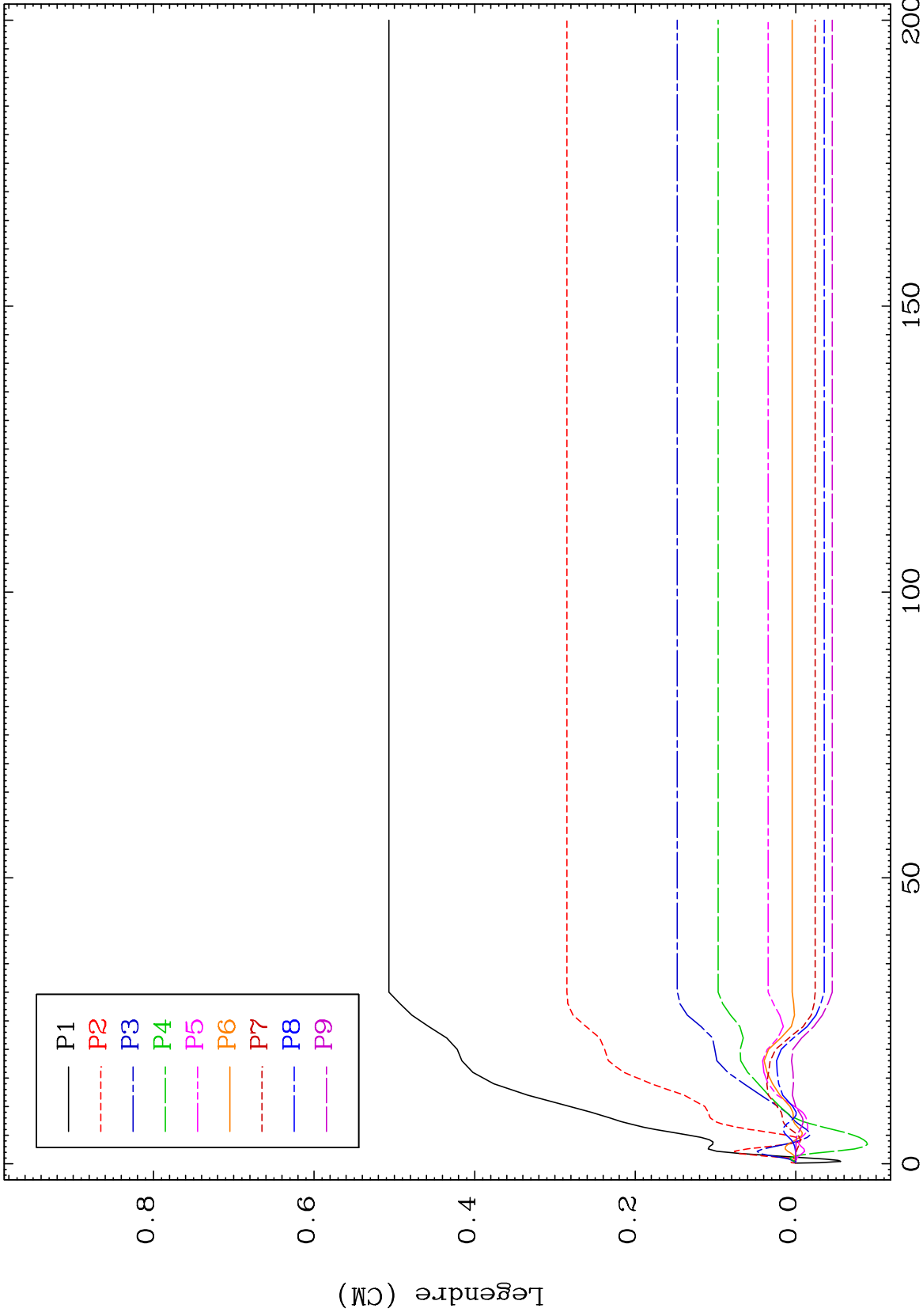
23



MAT 5798

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

58-Ce-127



24

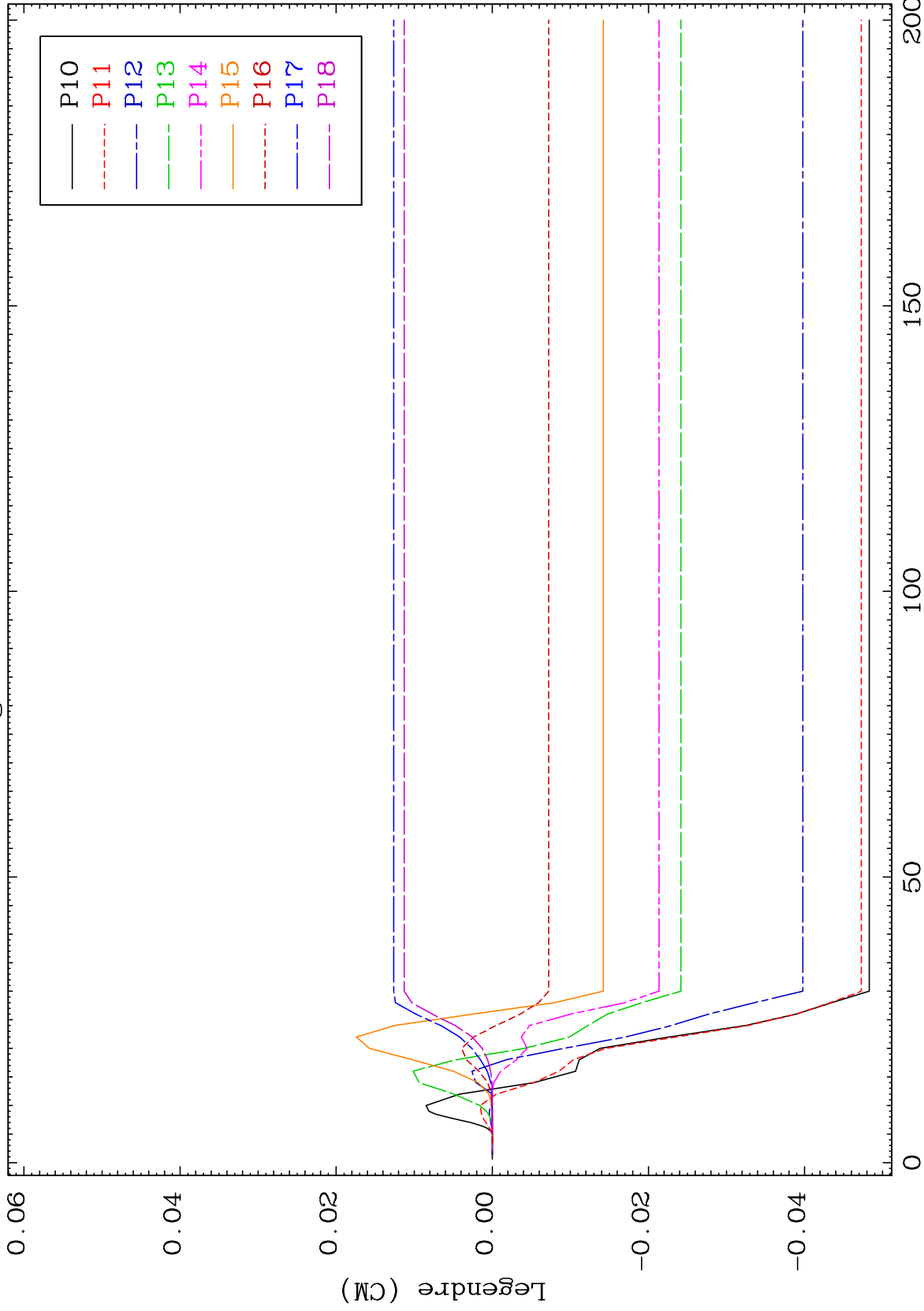
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



25

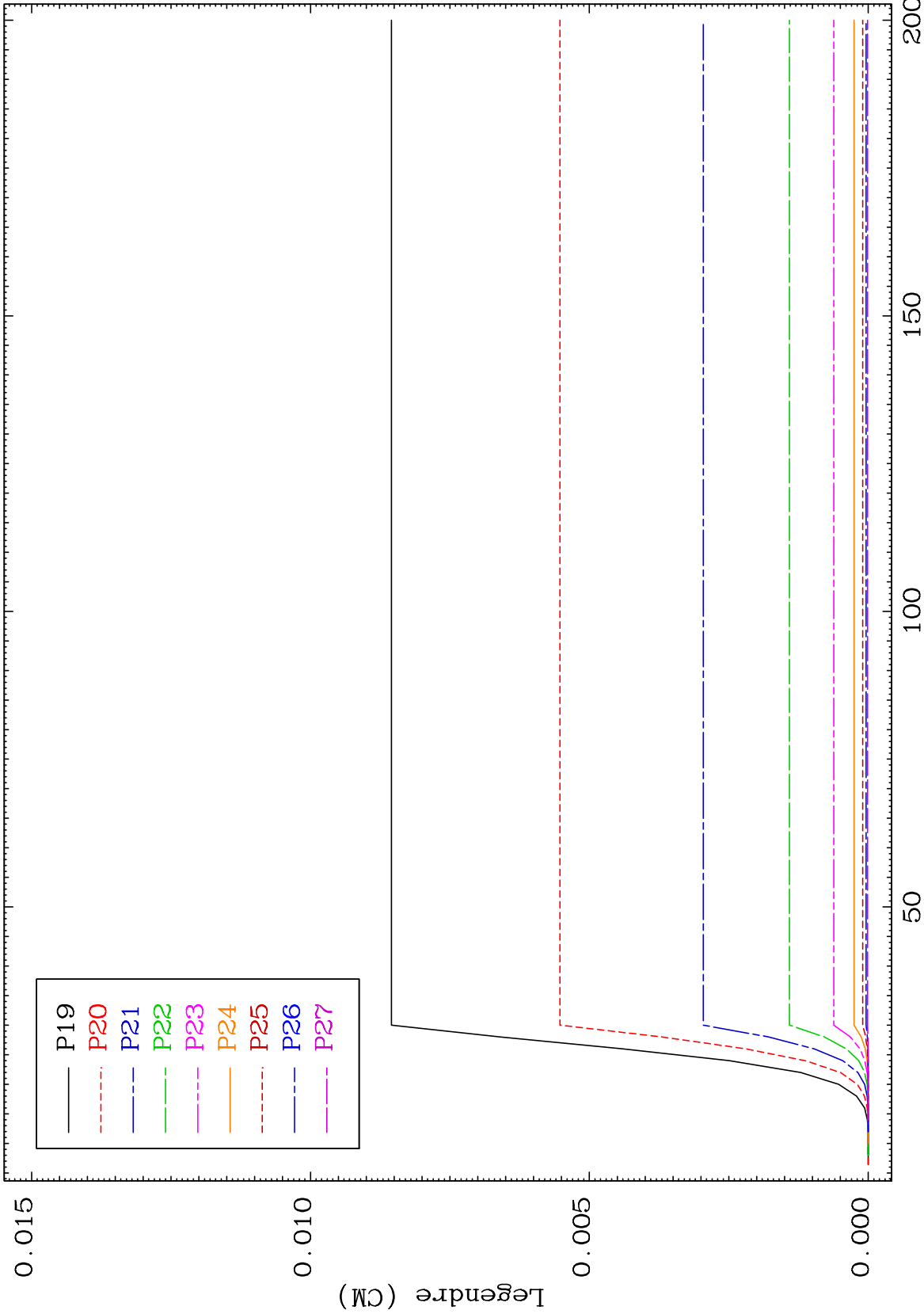
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



26

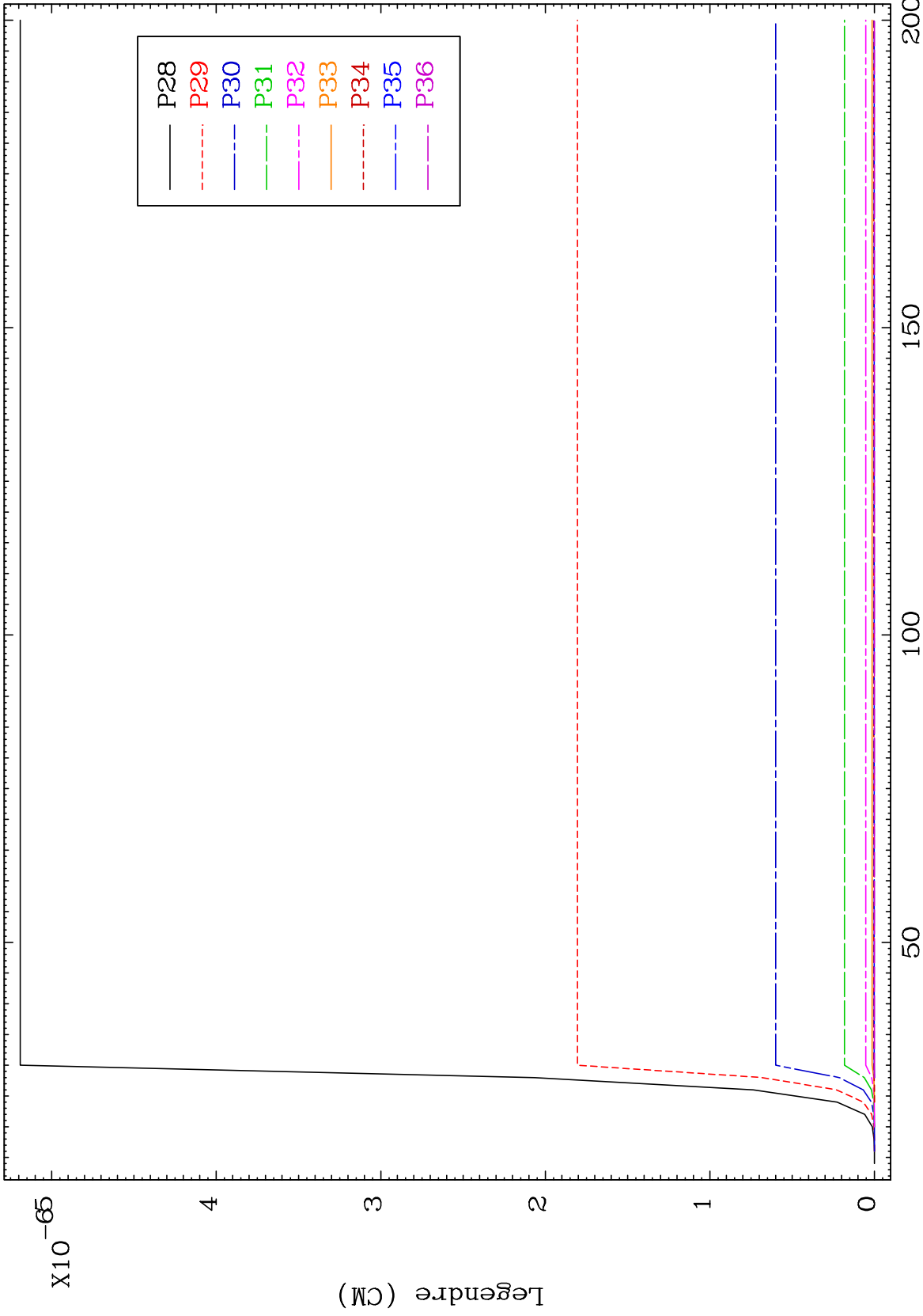
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



27

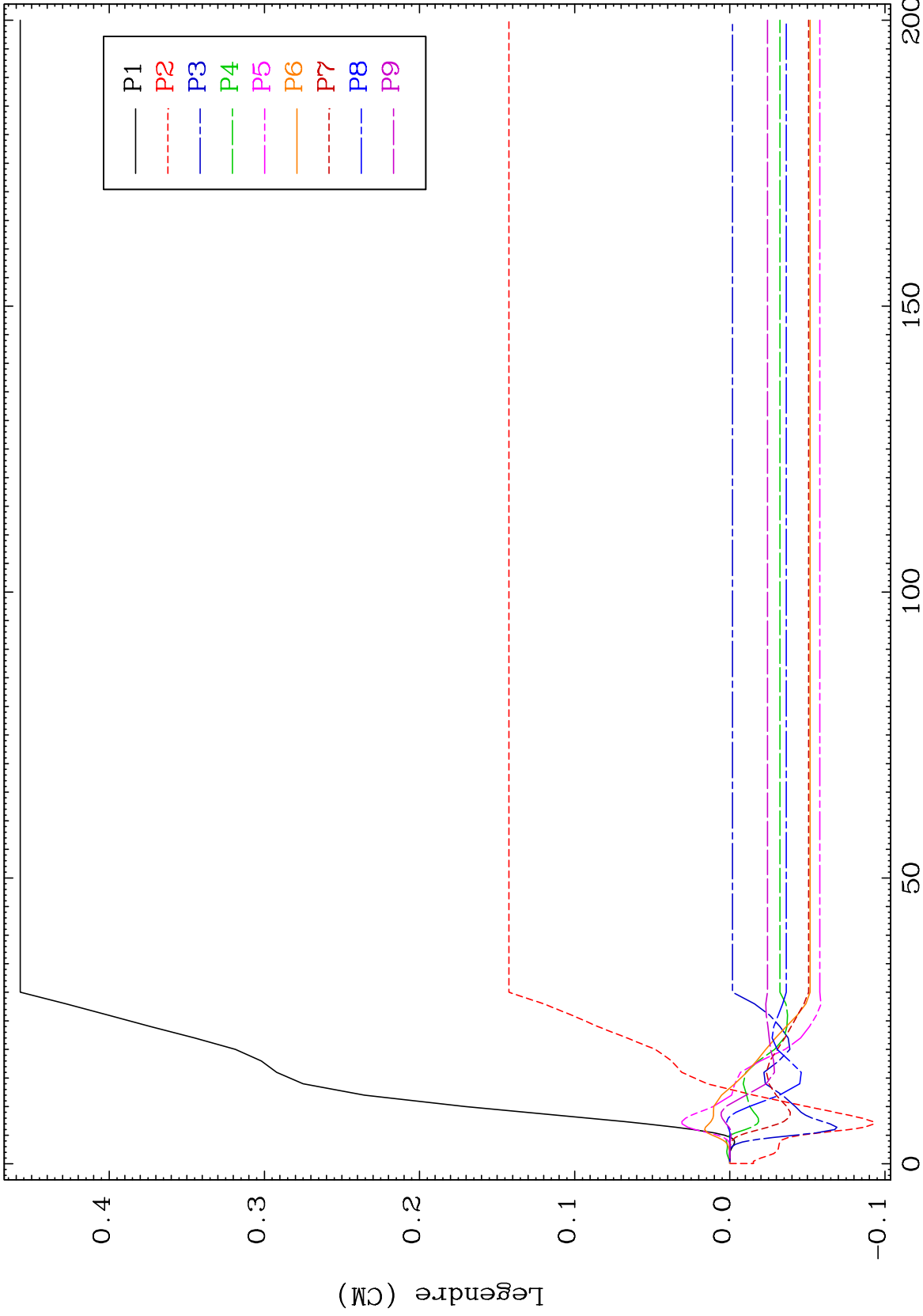
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



28

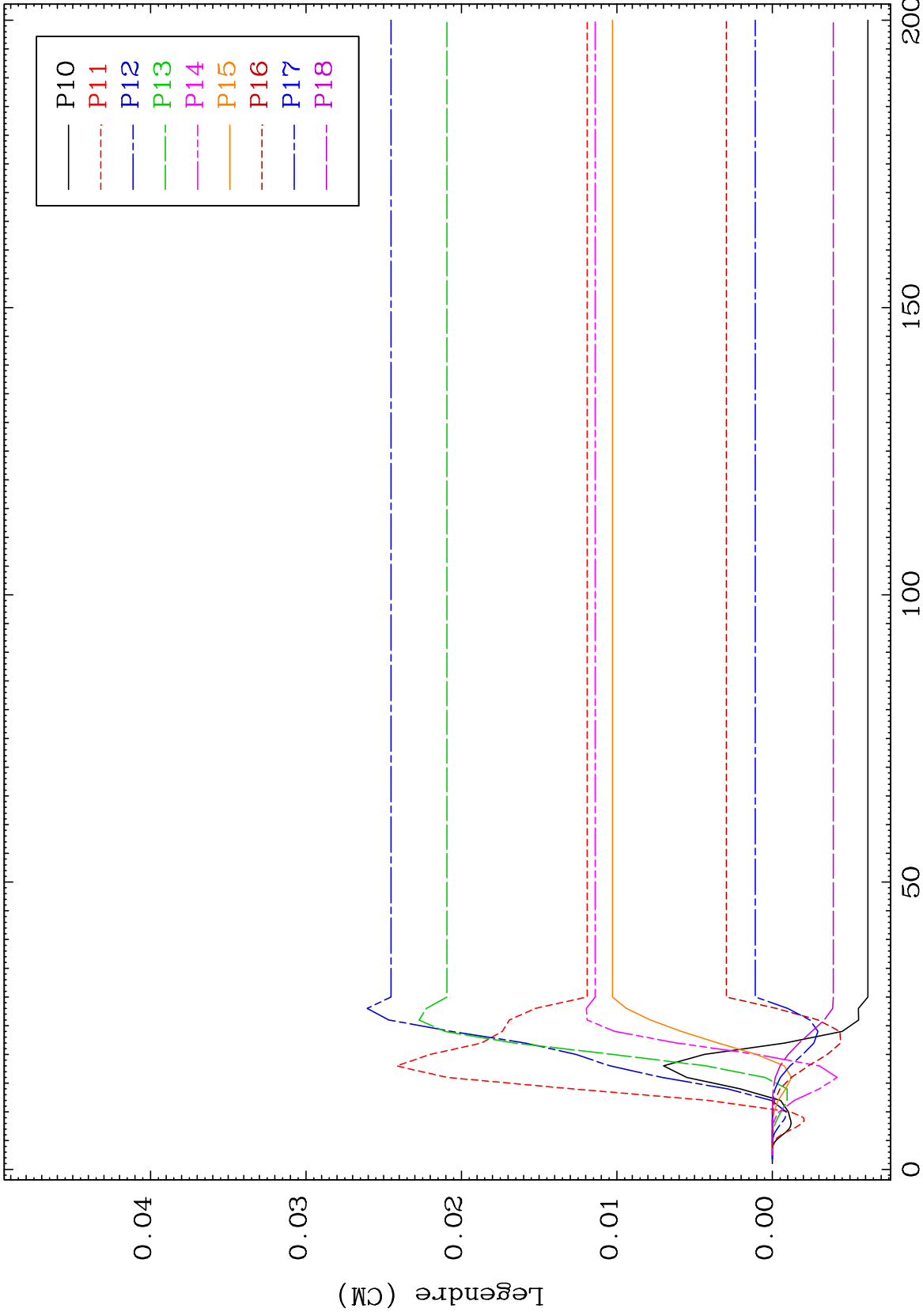
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



29

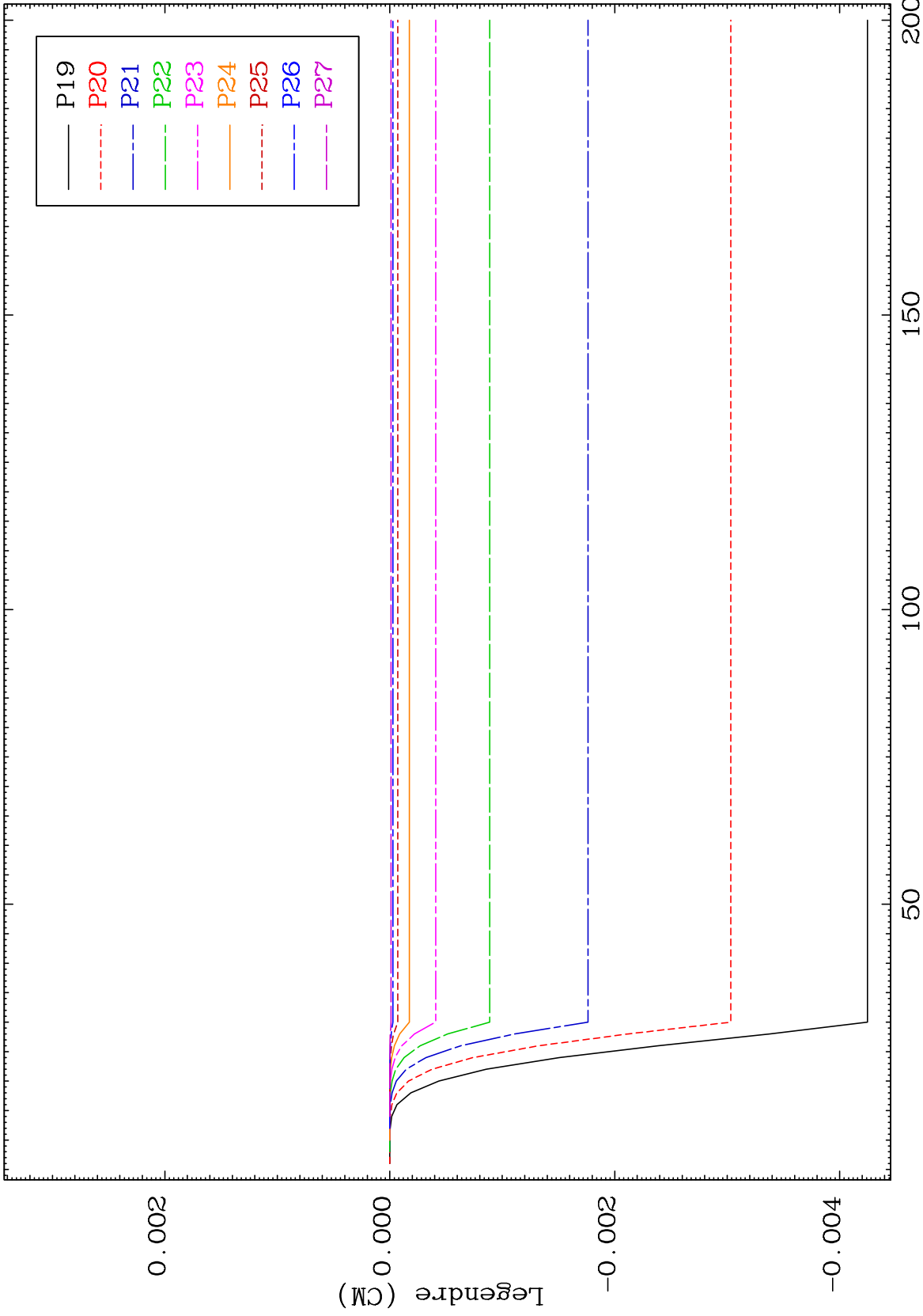
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



30

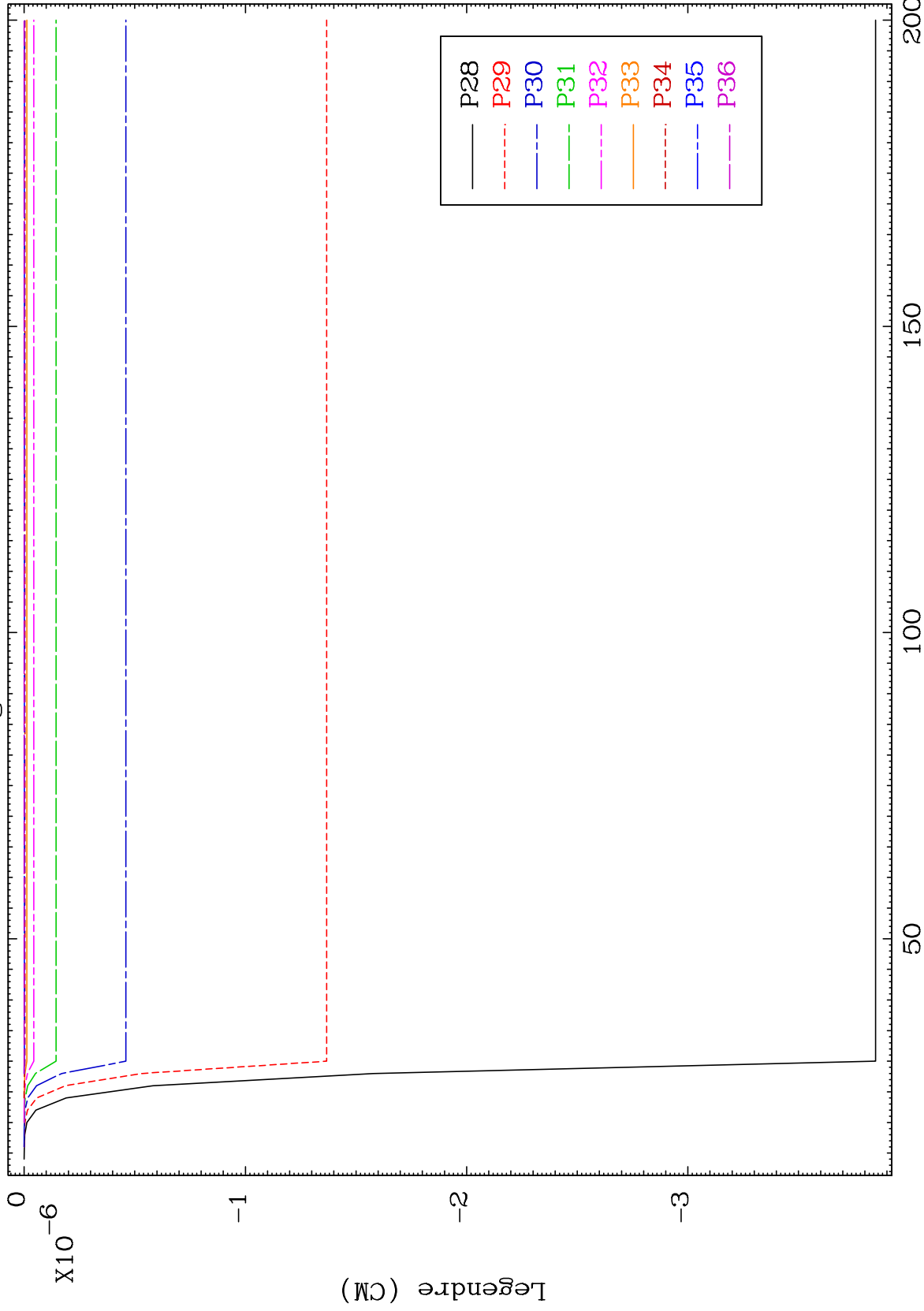
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



58-Ce-127

Incident Energy (MeV)

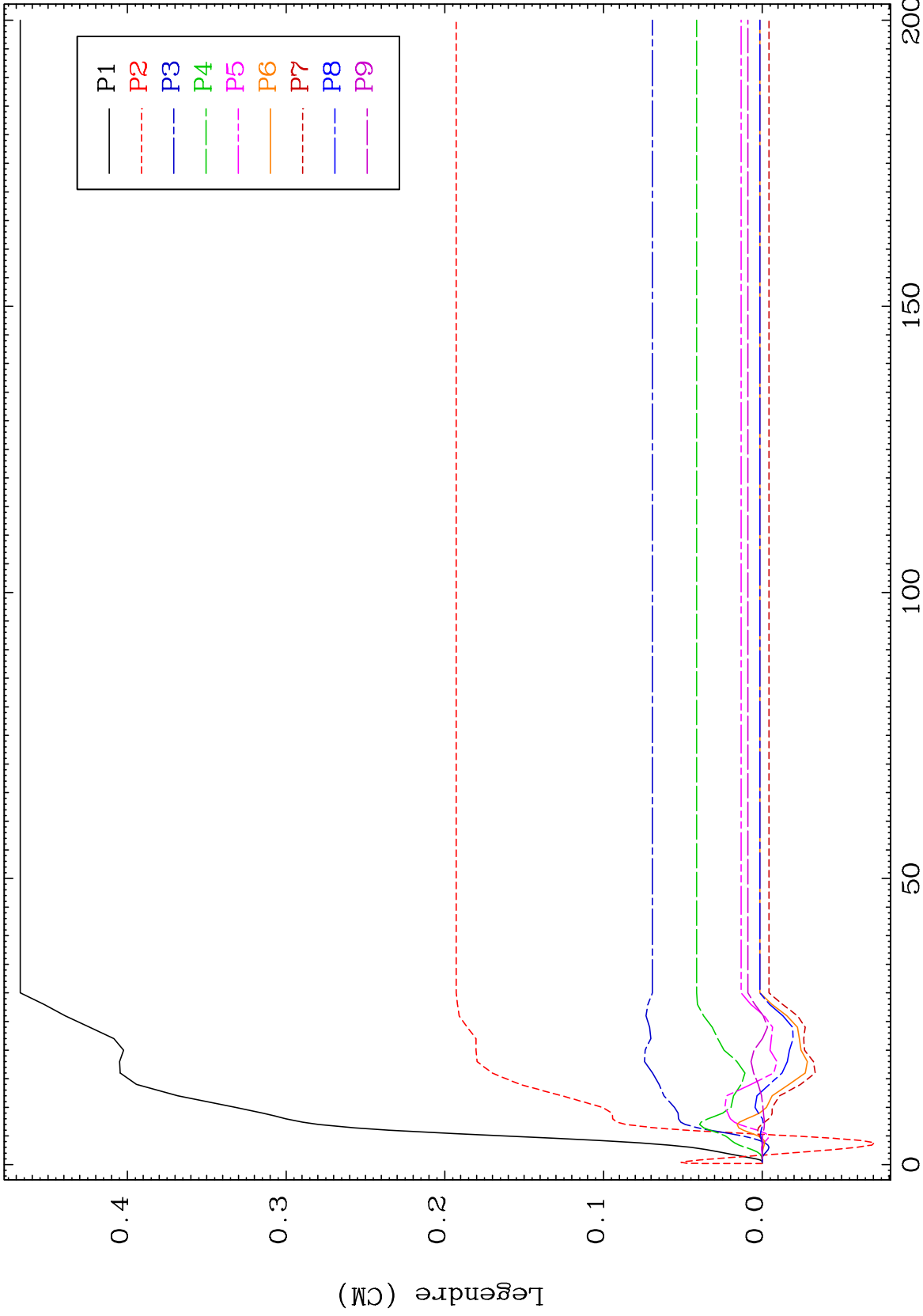
31



MAT 5798

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

58-Ce-127



32

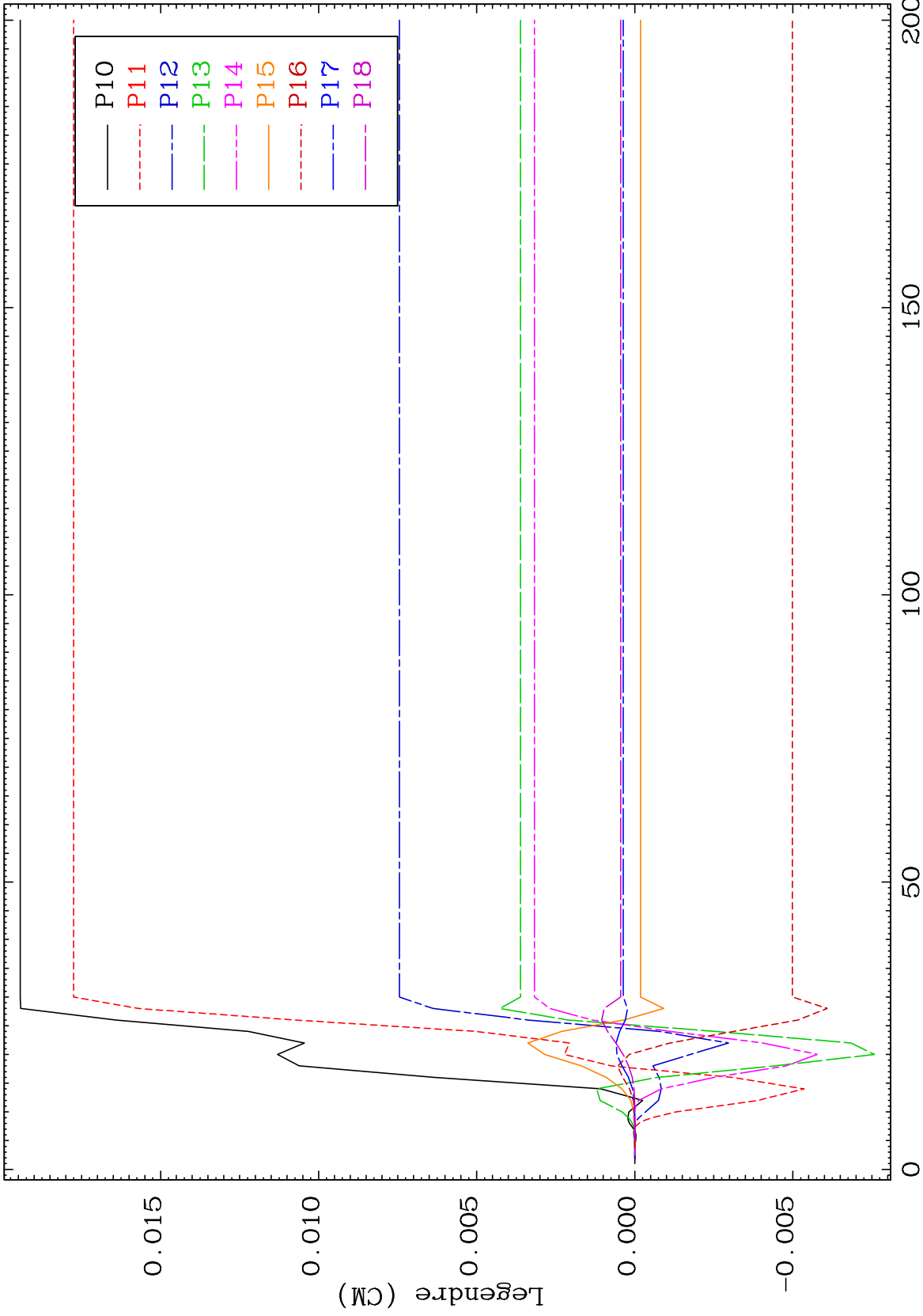
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



33

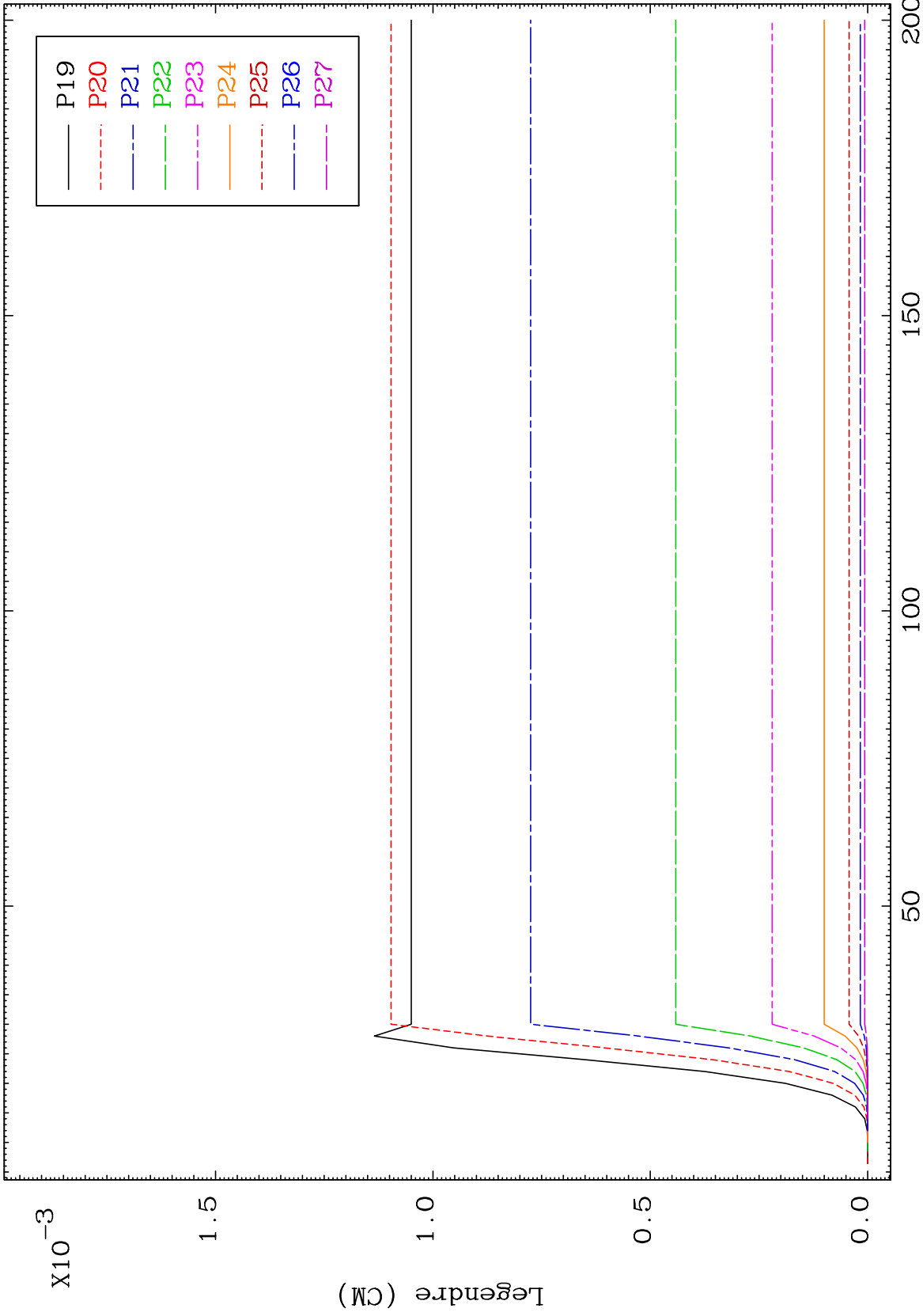
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



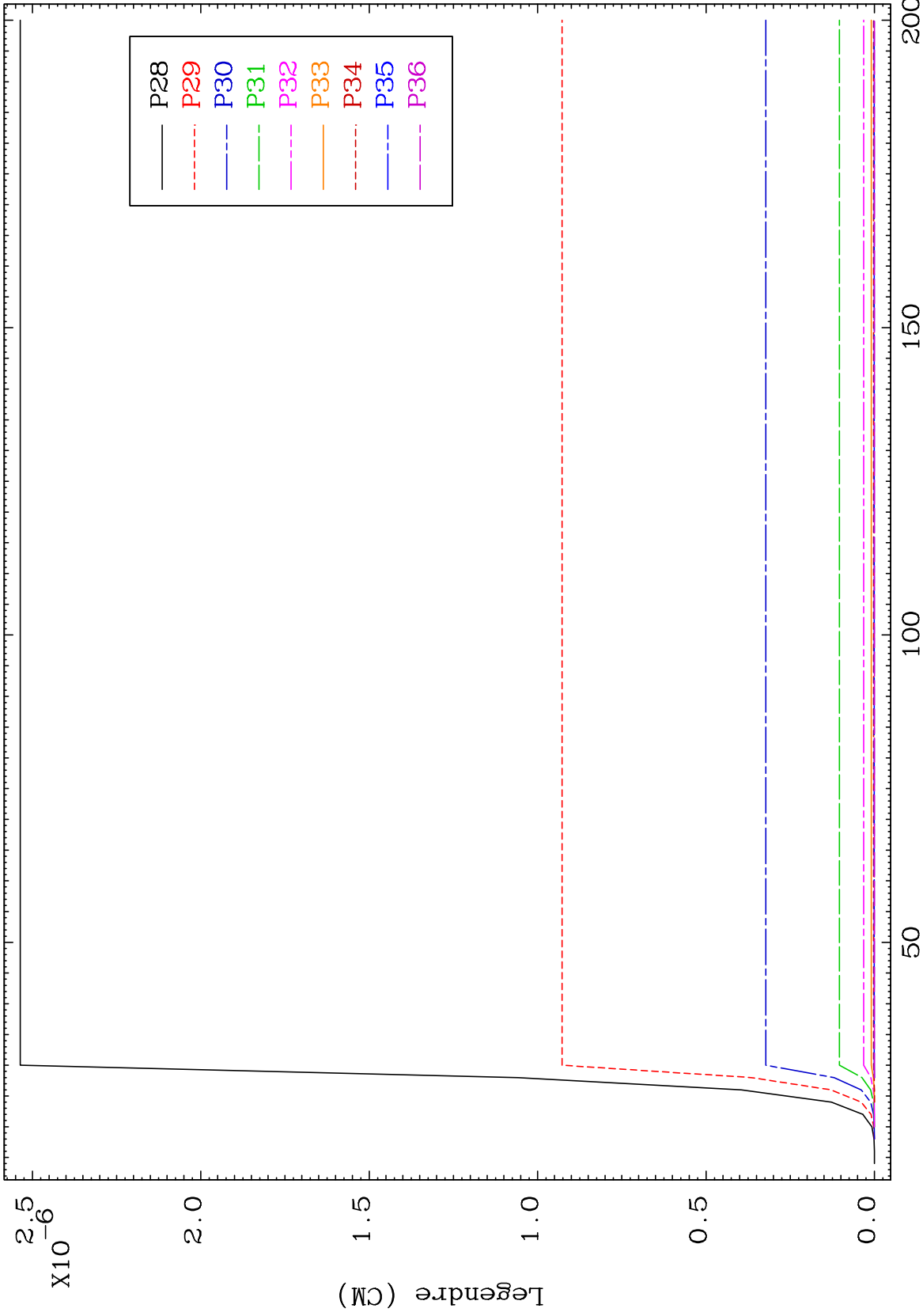
34

58-Ce-127

MAT 5798

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

58-Ce-127



35

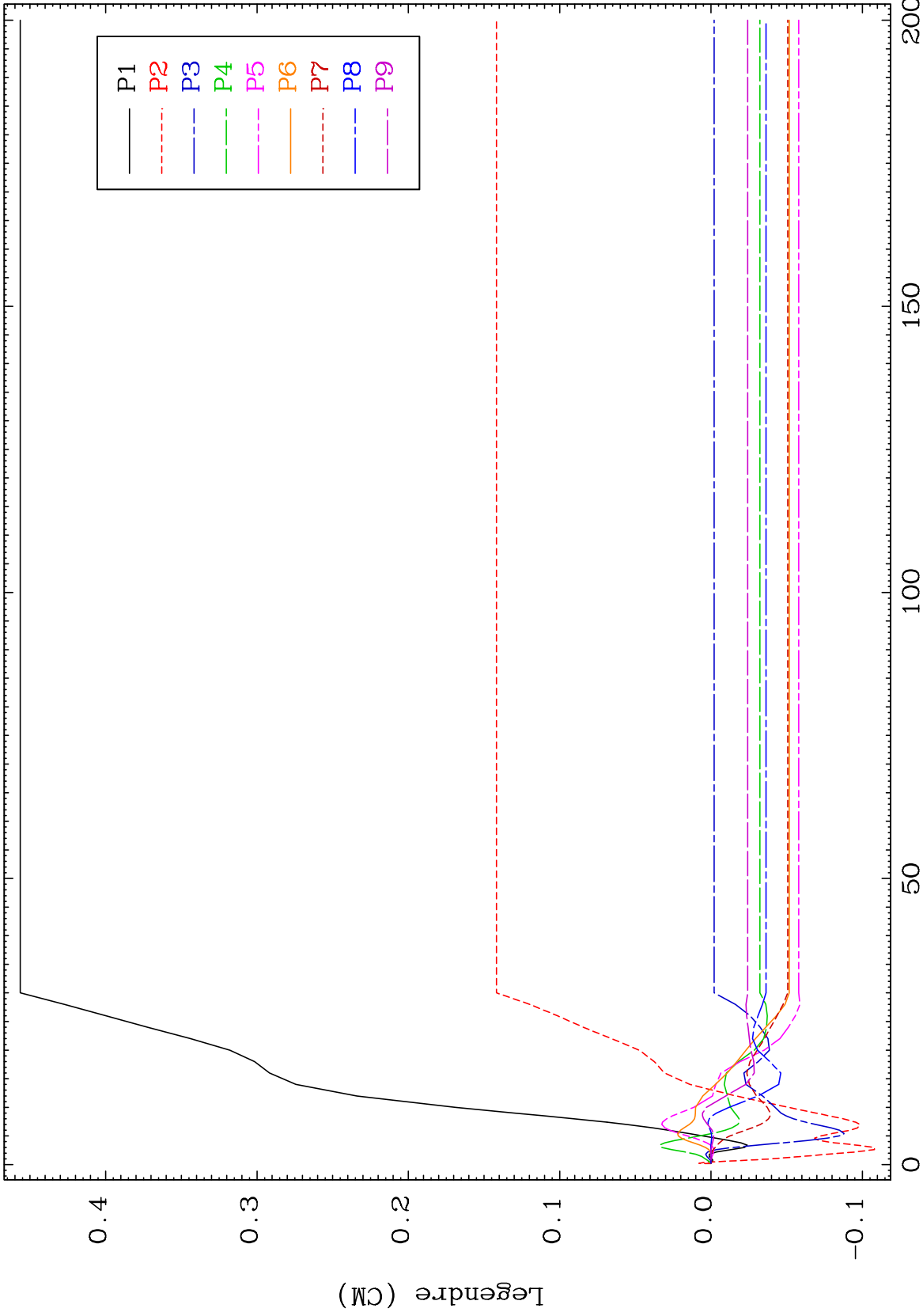
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



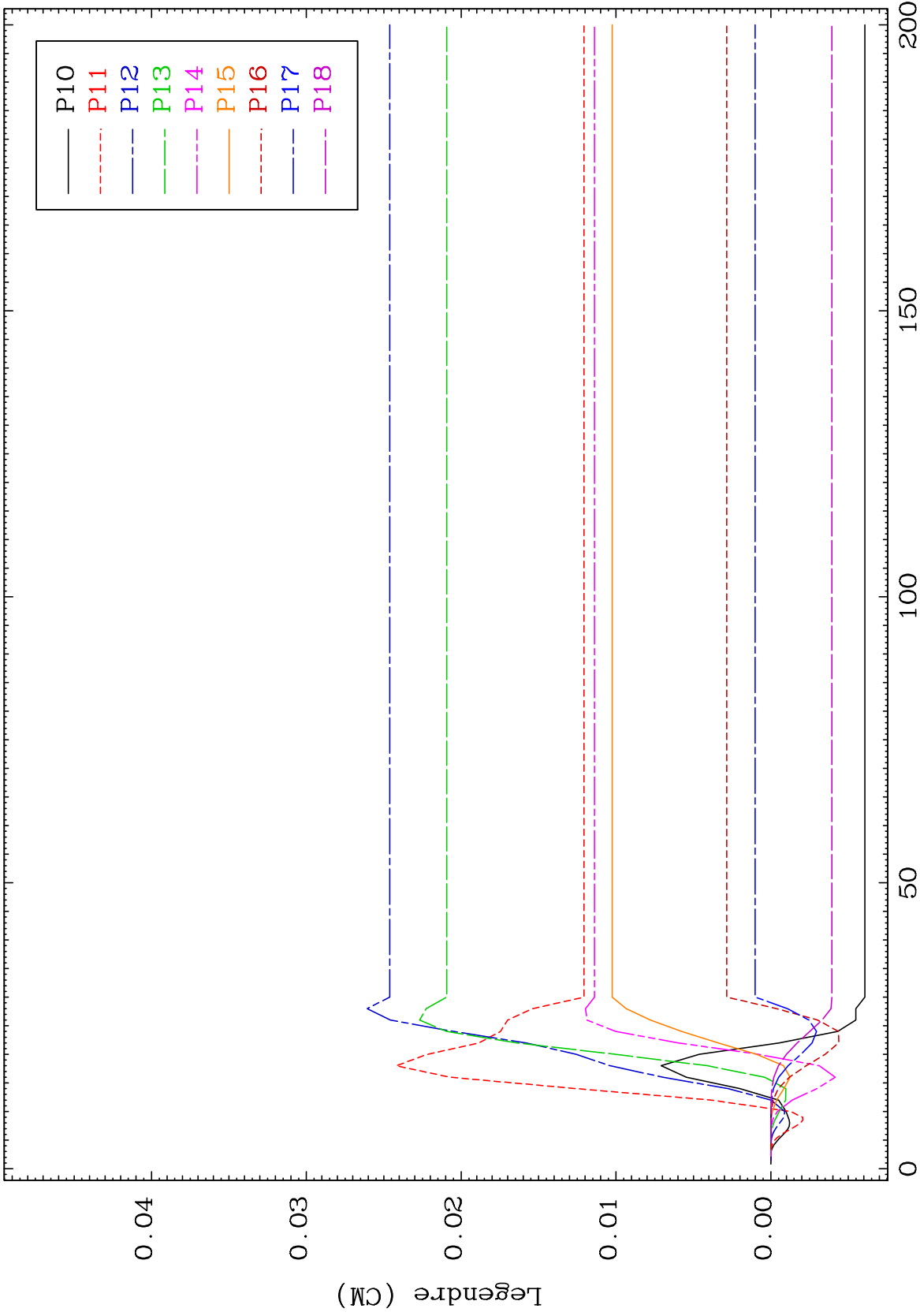
36

58-Ce-127

MAT 5798

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

58-Ce-127



37

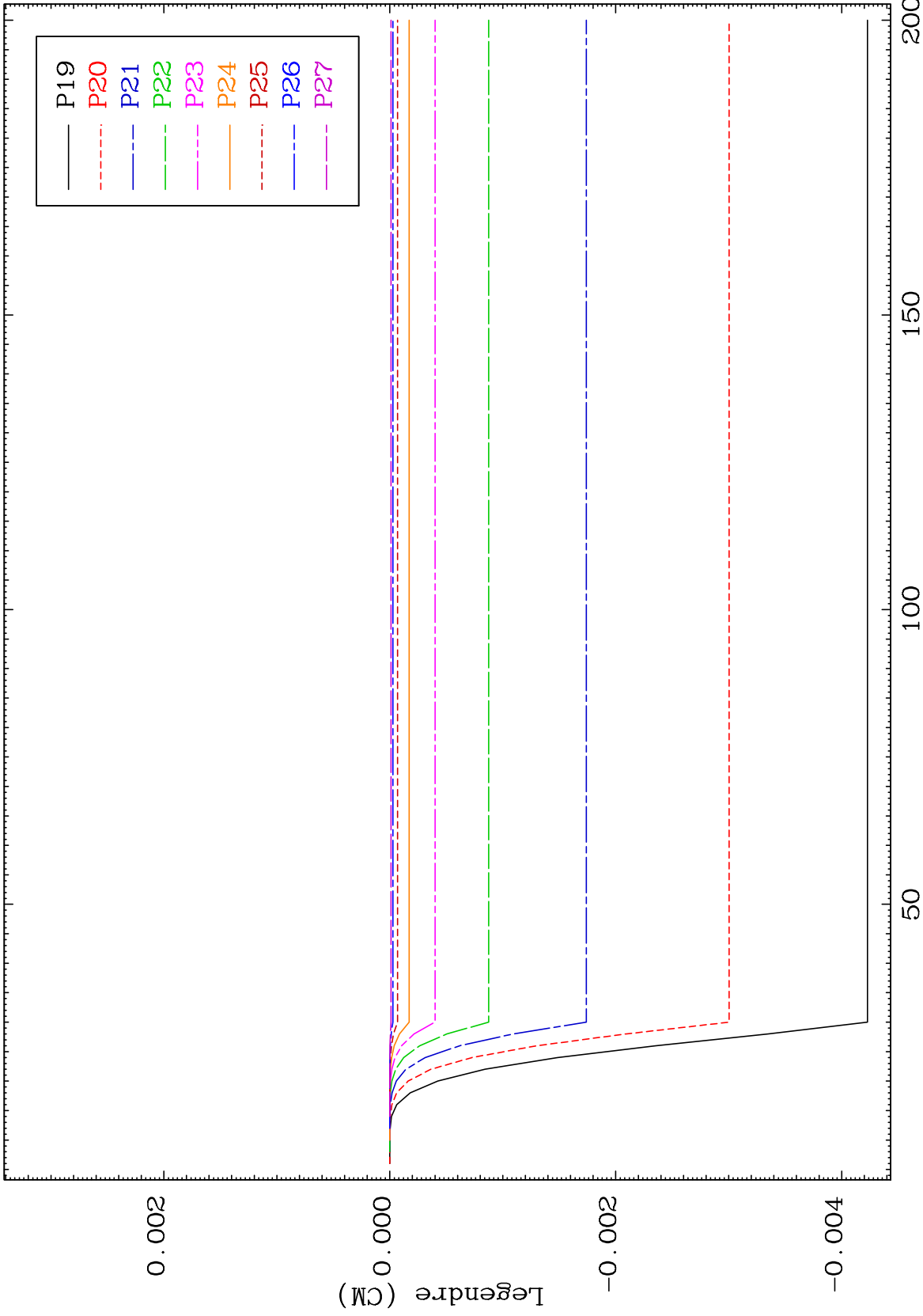
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



38

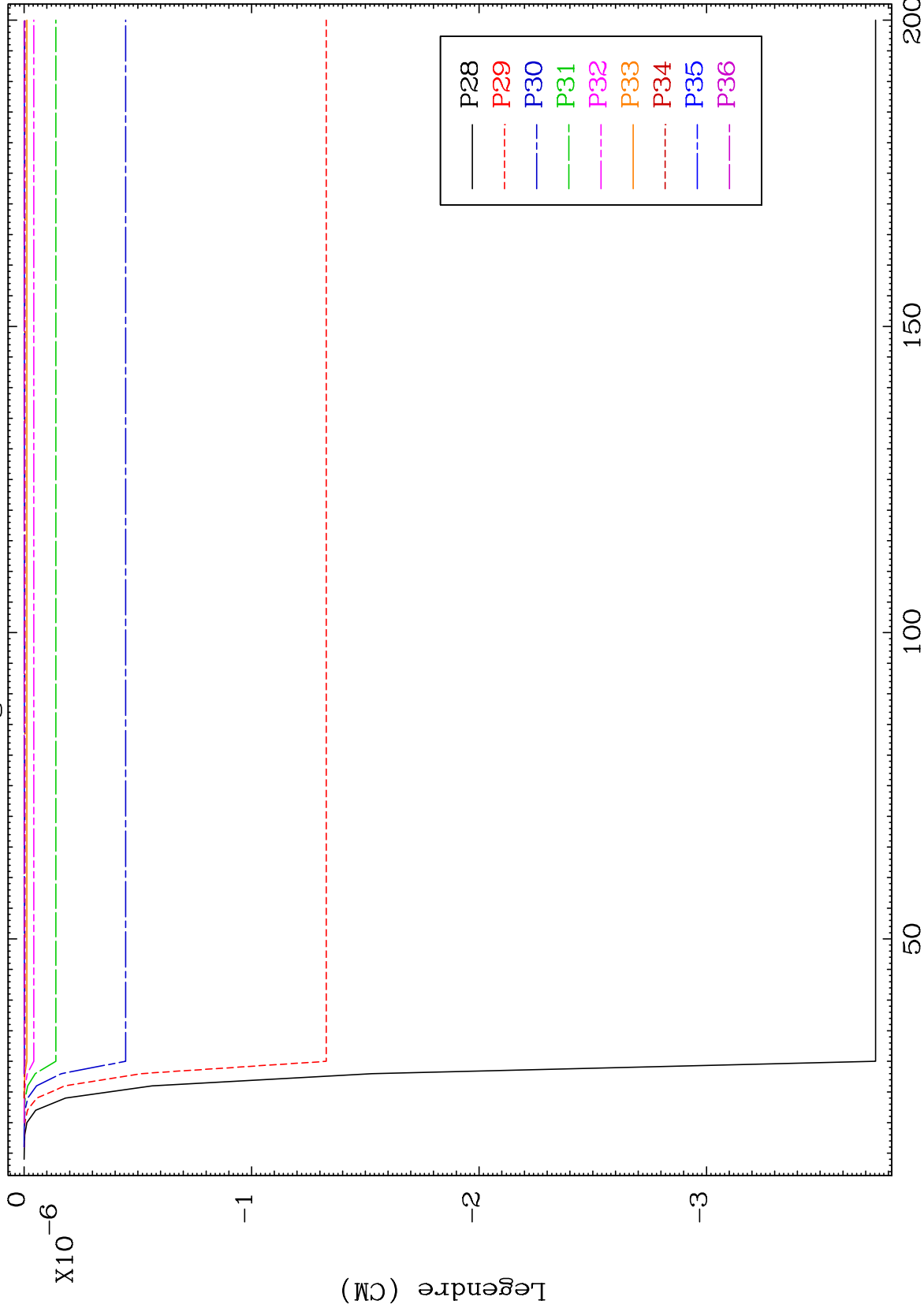
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



39

Incident Energy (MeV)

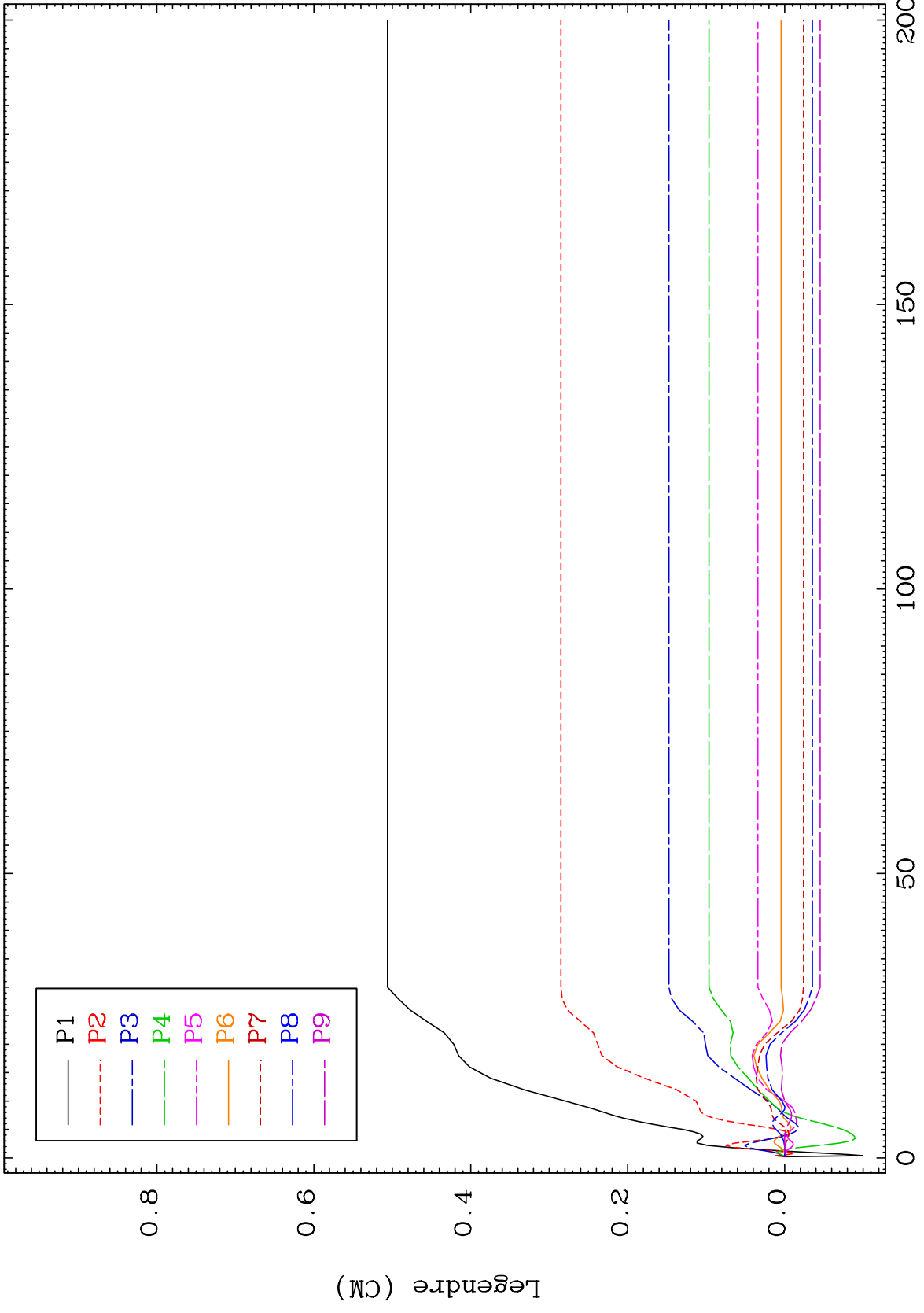
58-Ce-127



MAT 5798

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

58-Ce-127



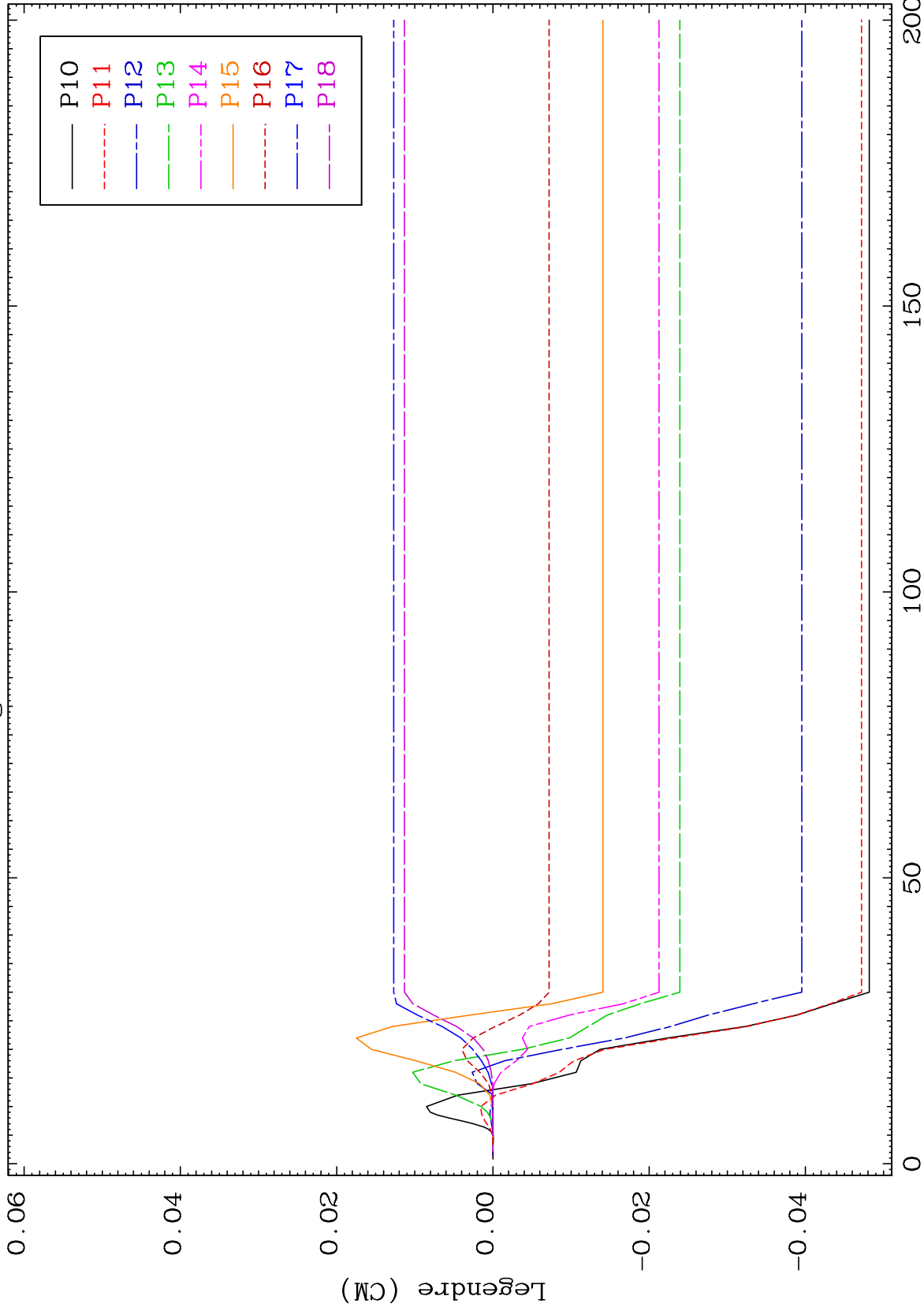
58-Ce-127

Incident Energy (MeV)

MAT 5798

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

58-Ce-127



41

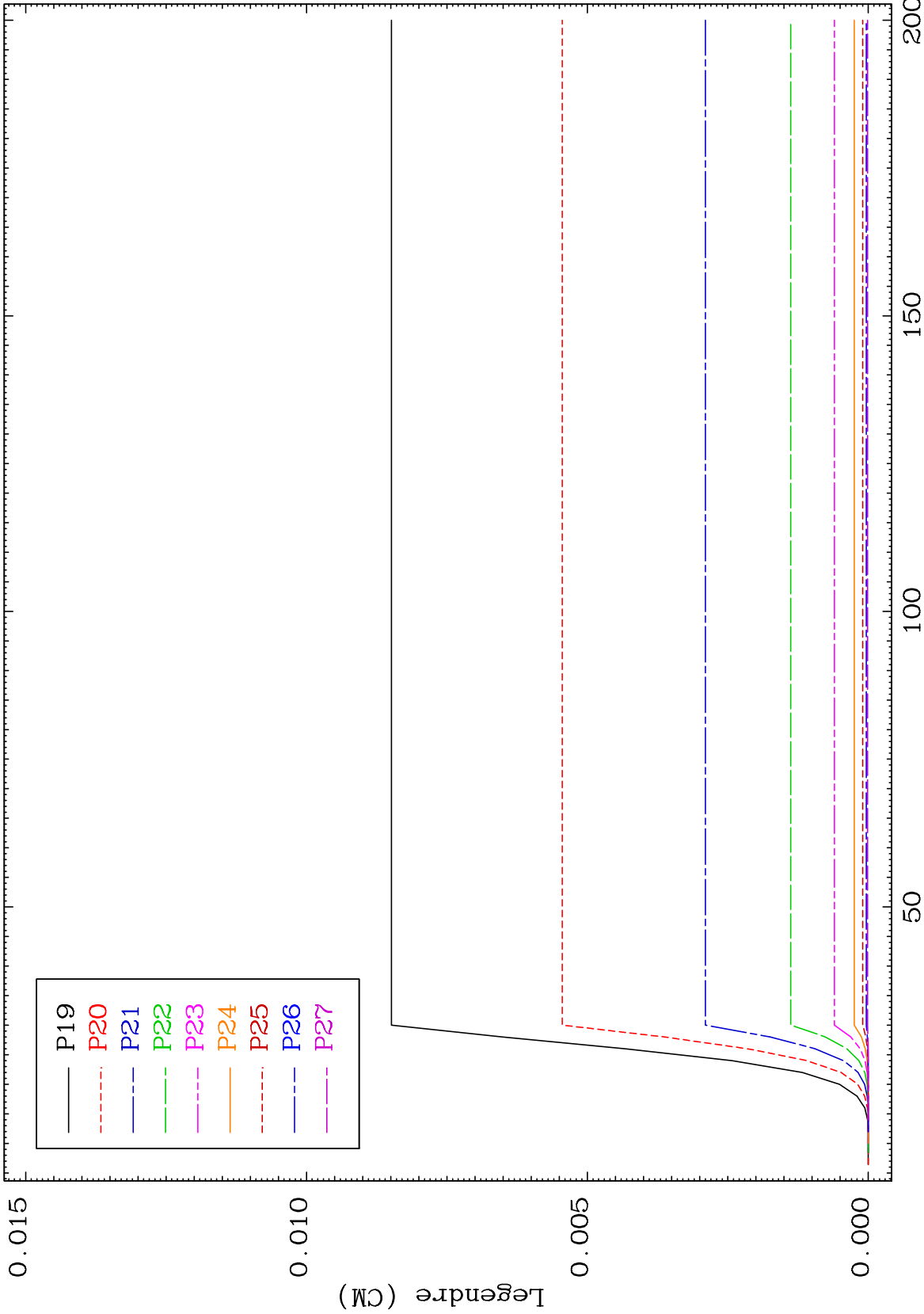
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



42

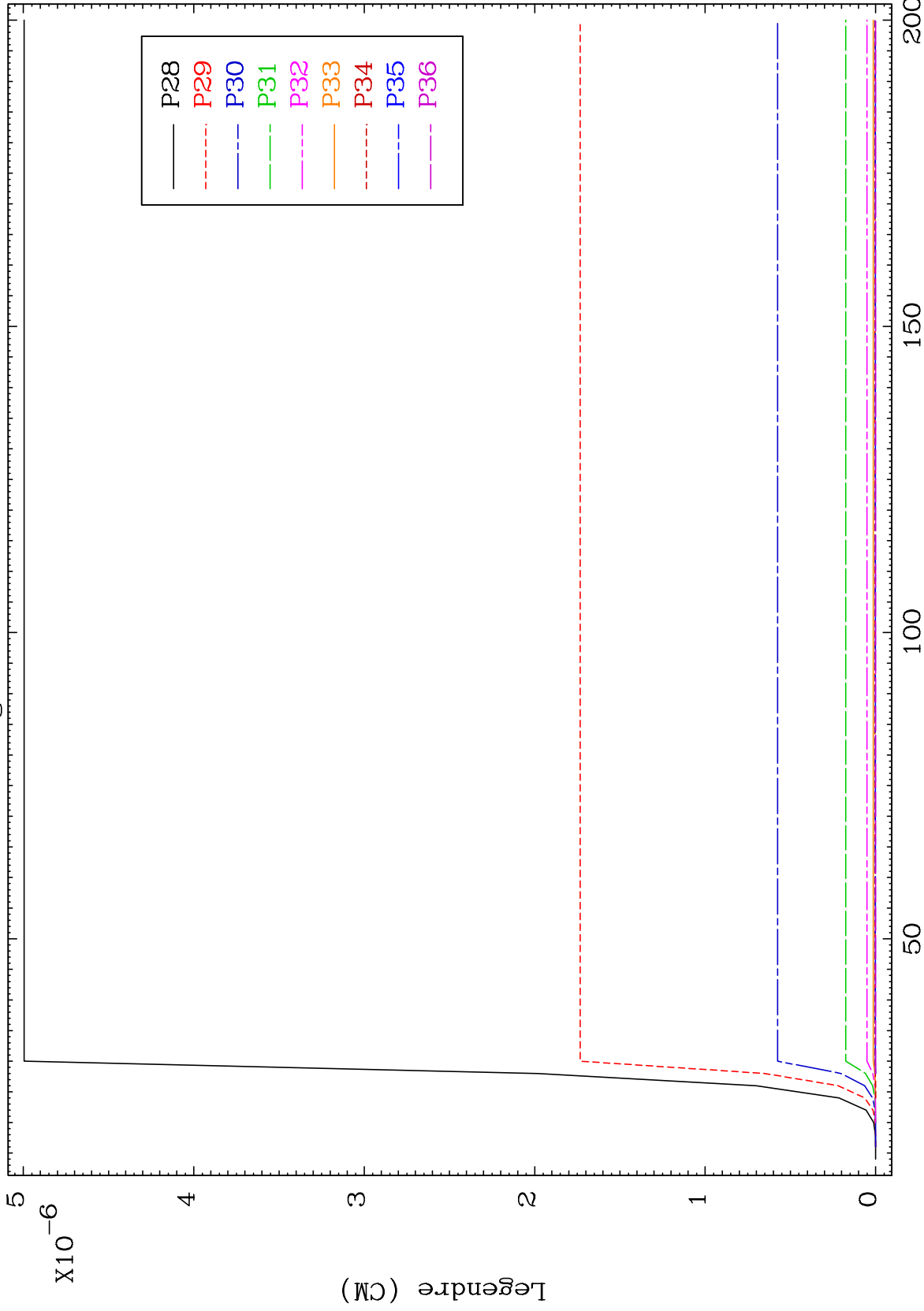
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



43

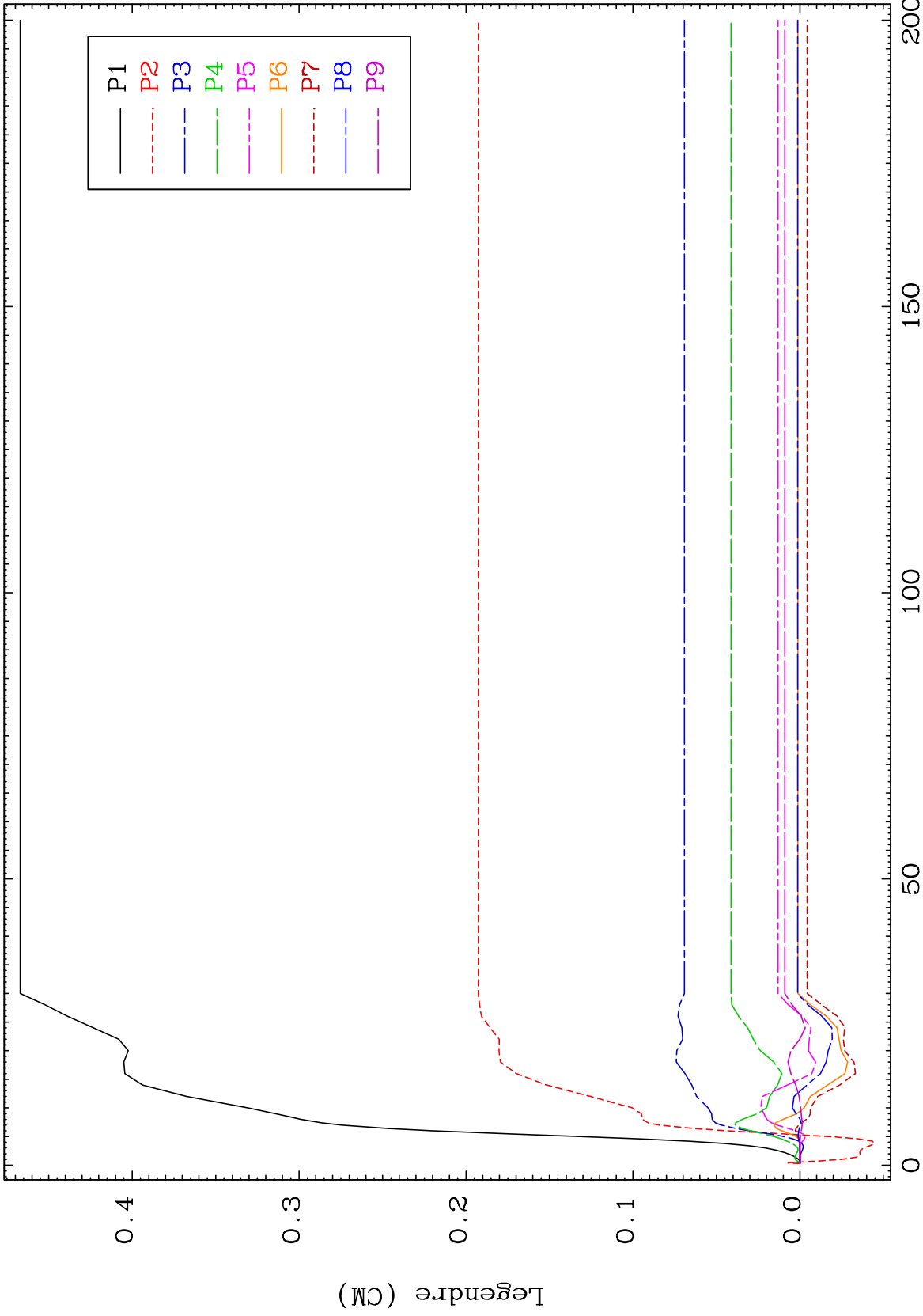
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127

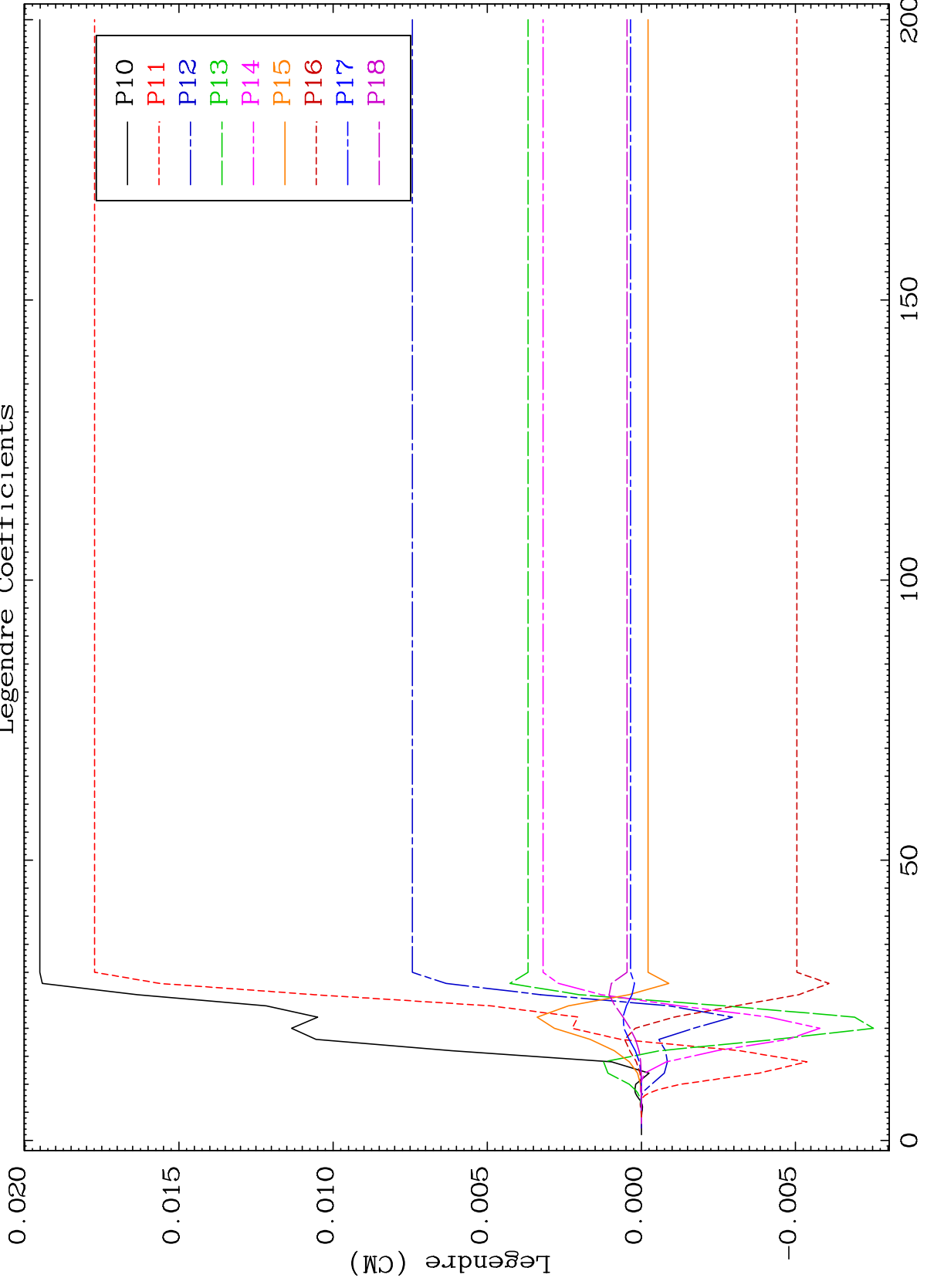


44

Incident Energy (MeV)

58-Ce-127

MAT 5798 MT= 57 (n,n') Level Legendre Coefficients 58-Ce-127

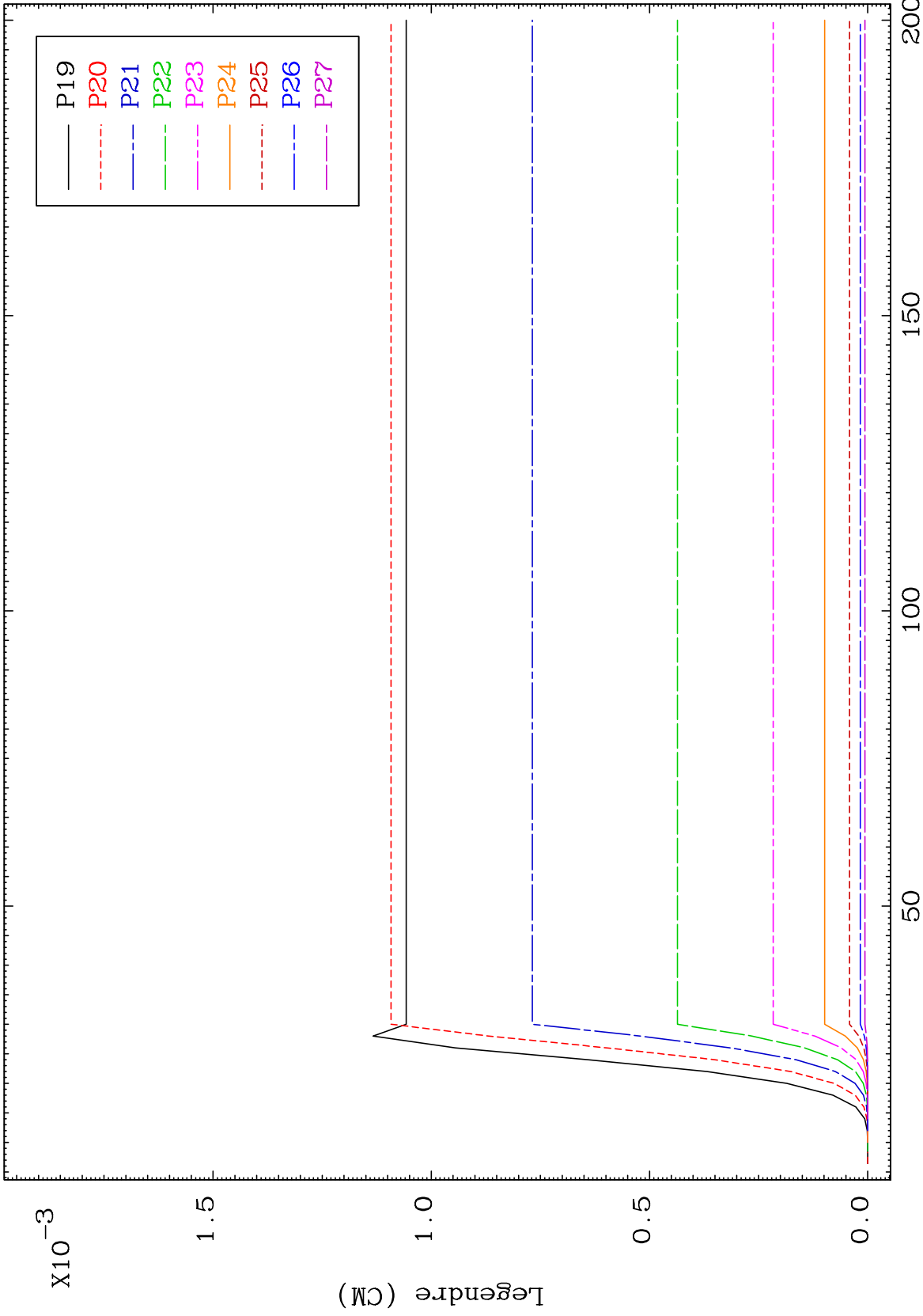


Legendre (CM) Incident Energy (MeV) 58-Ce-127

MAT 5798

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

58-Ce-127



46

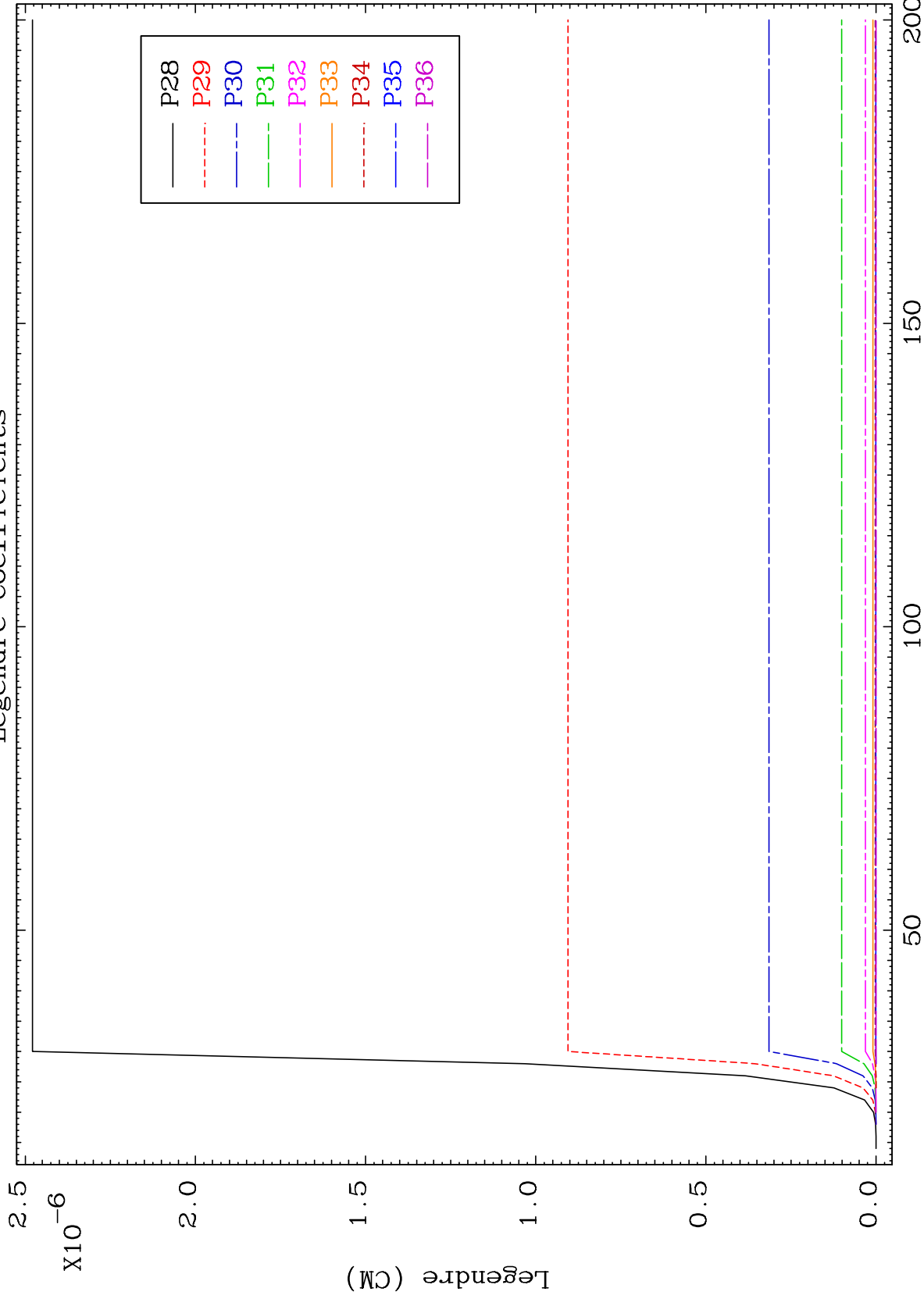
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



47

Incident Energy (MeV)

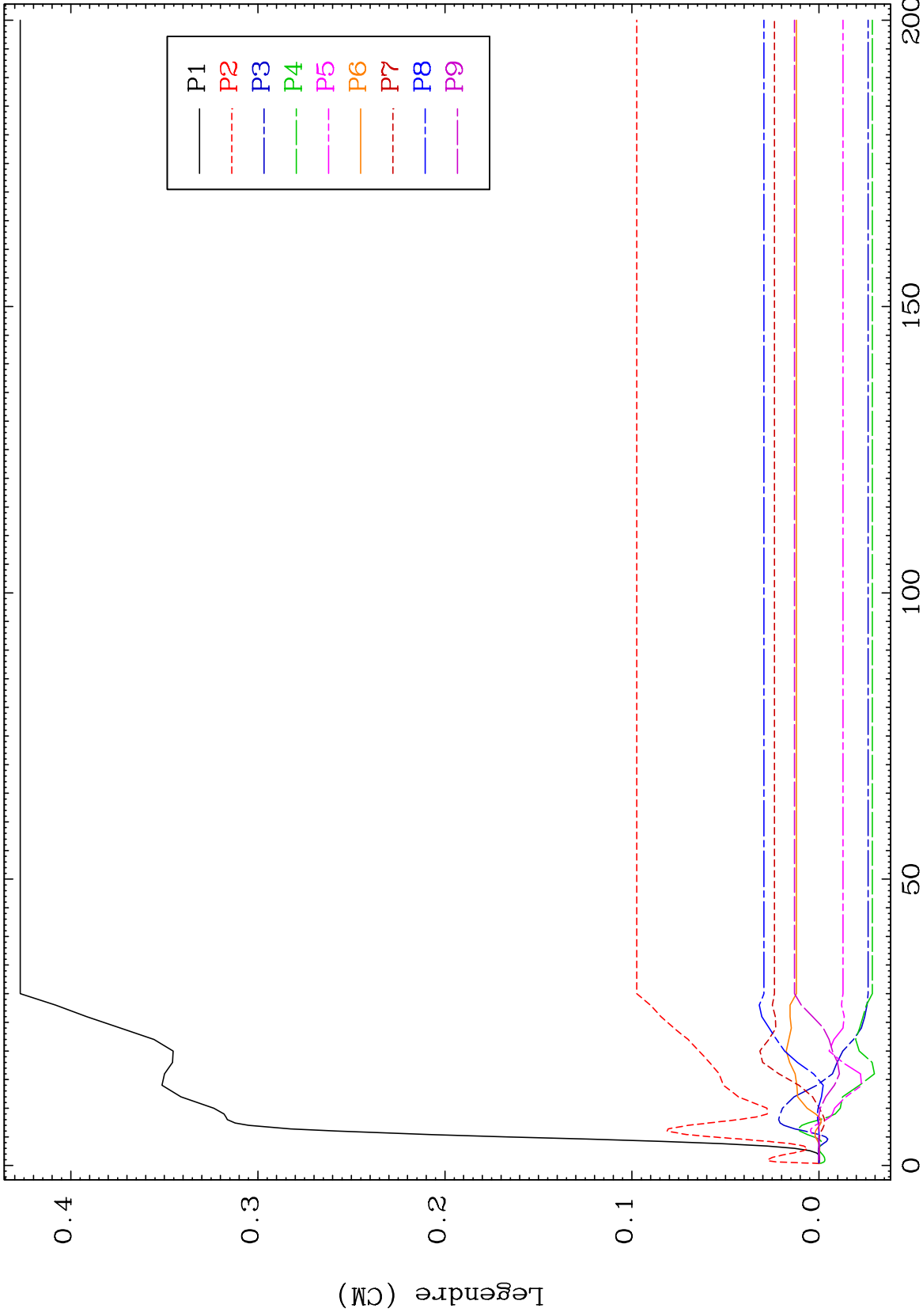
58-Ce-127



MAT 5798

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

58-Ce-127



48

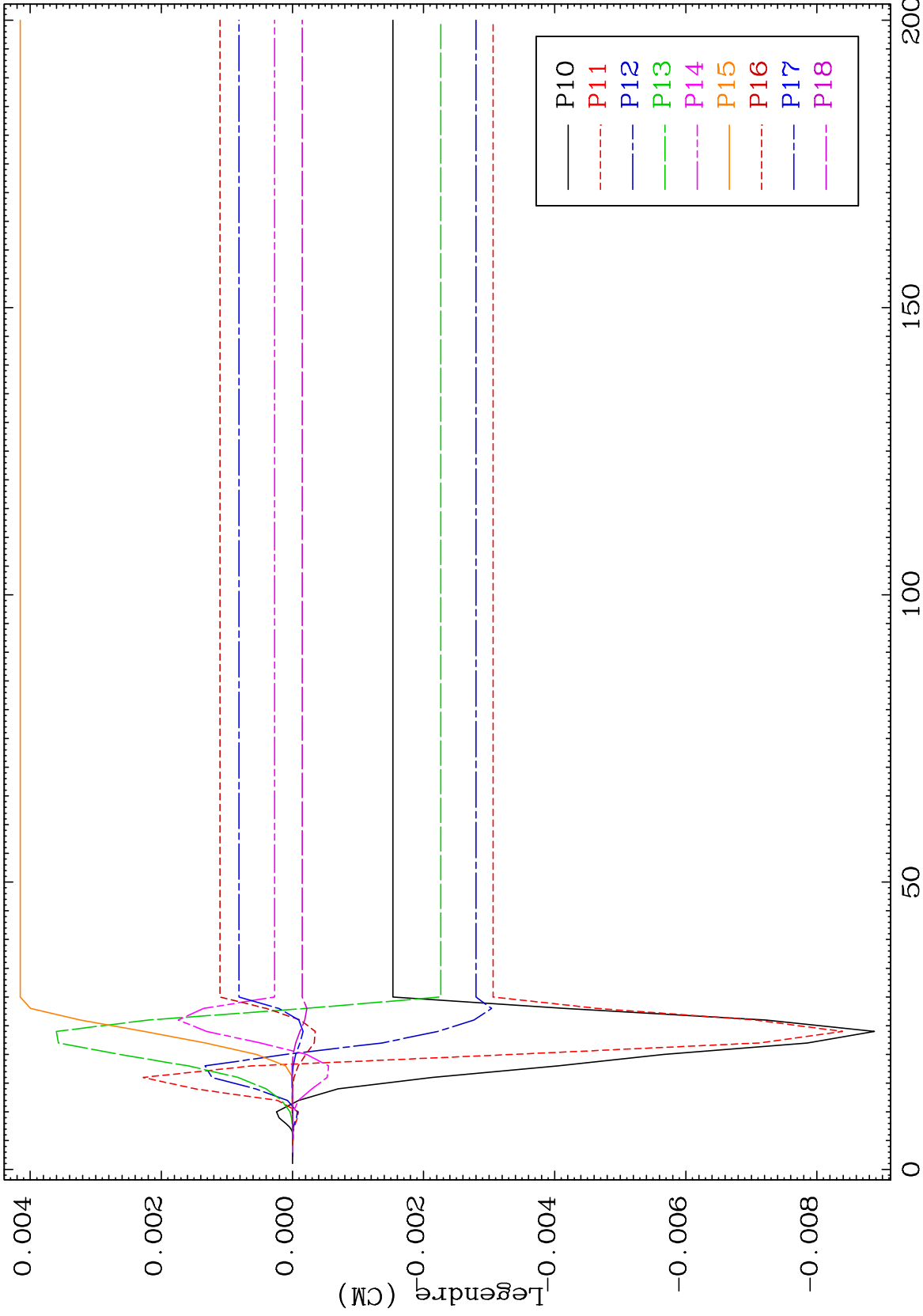
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



49

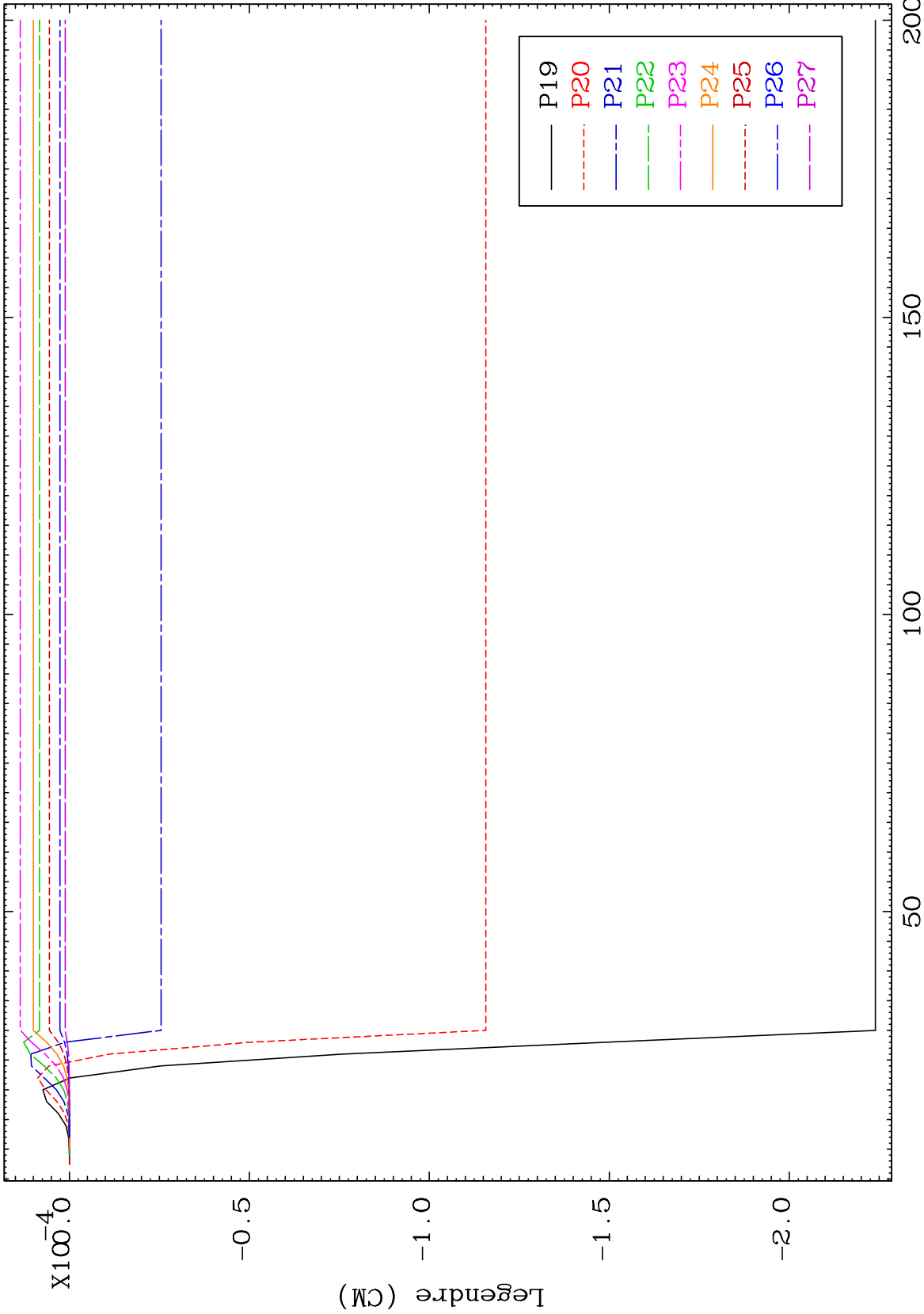
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



58-Ce-127

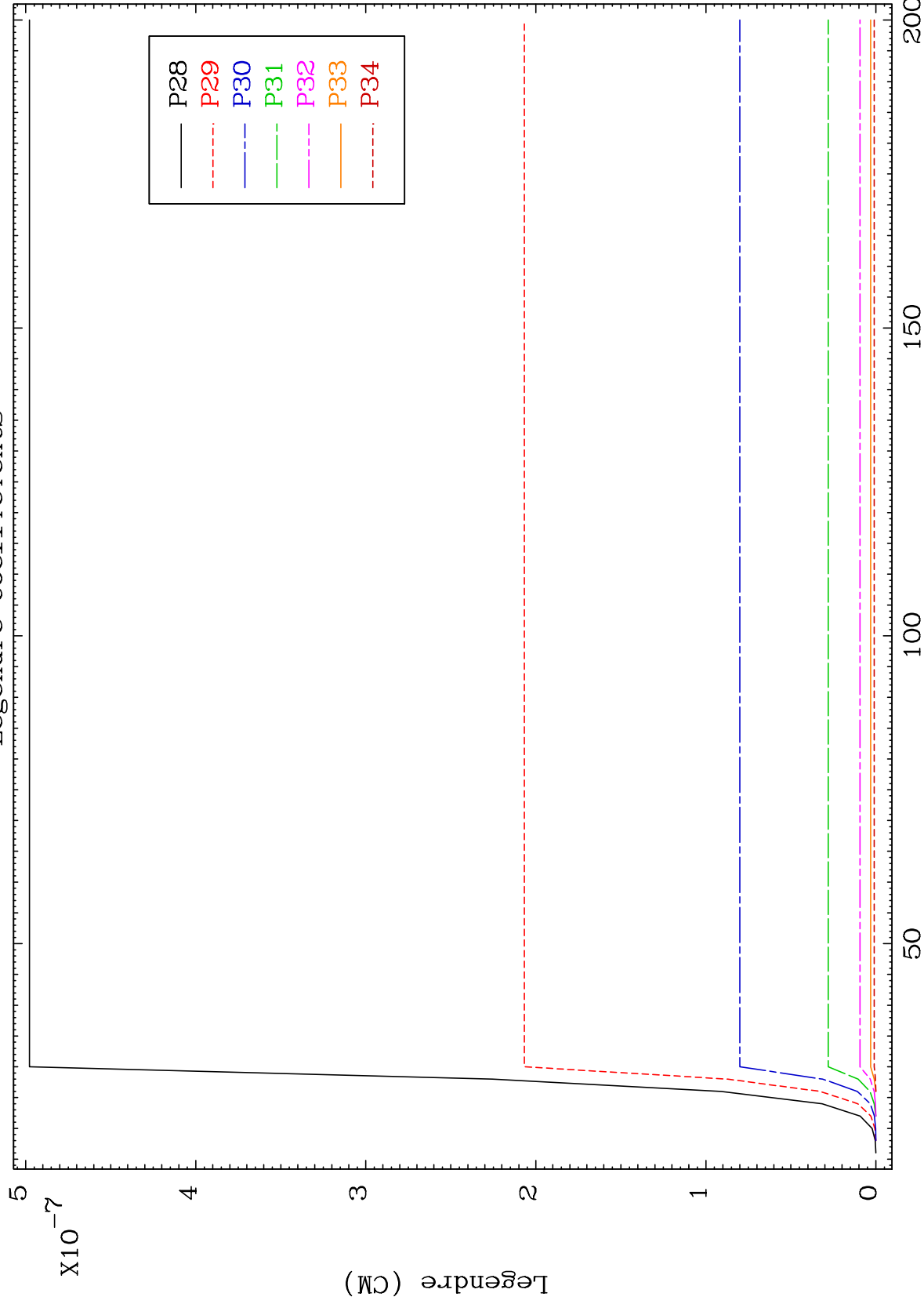
Incident Energy (MeV)

50

MAT 5798

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

58-Ce-127



51

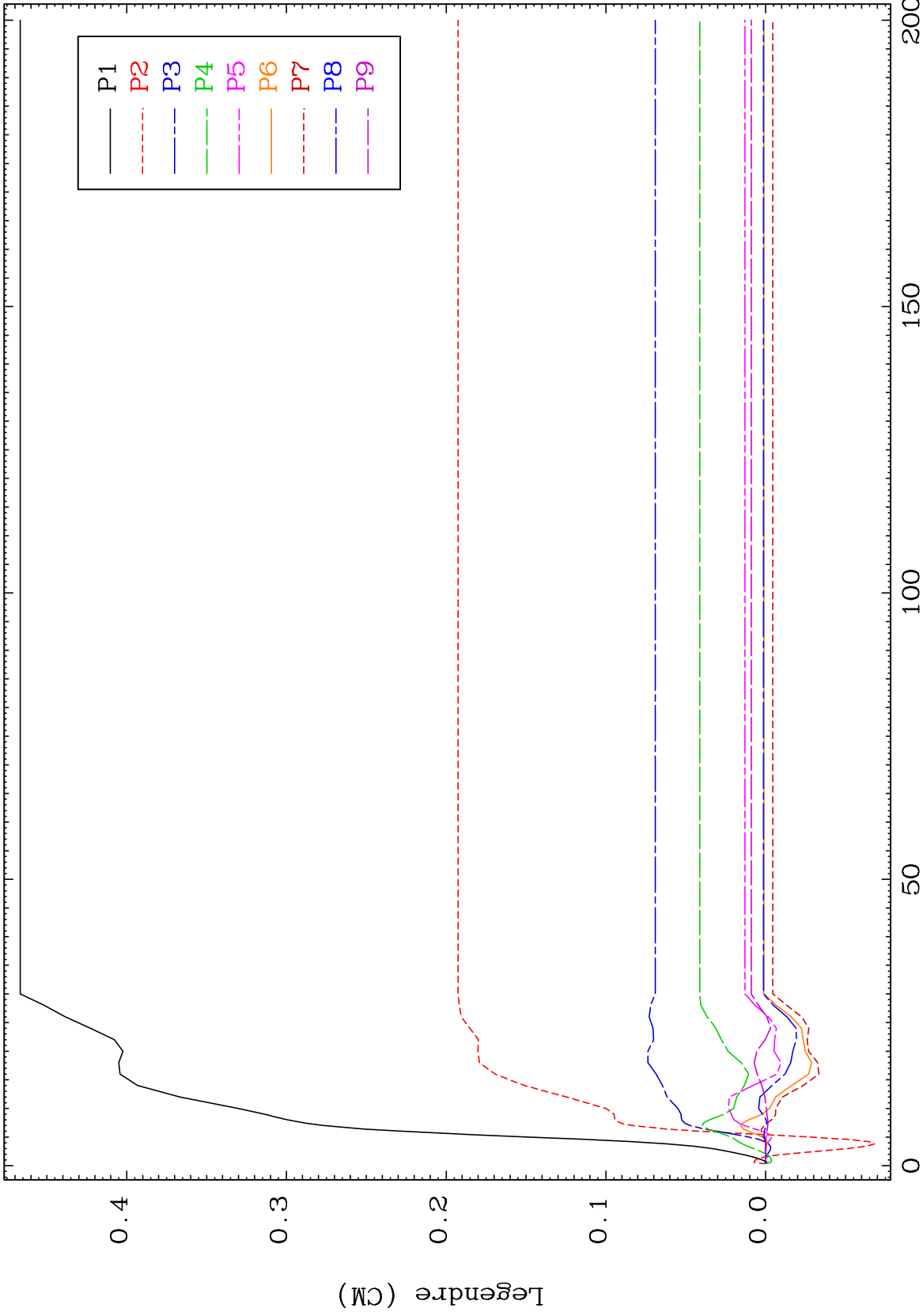
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127

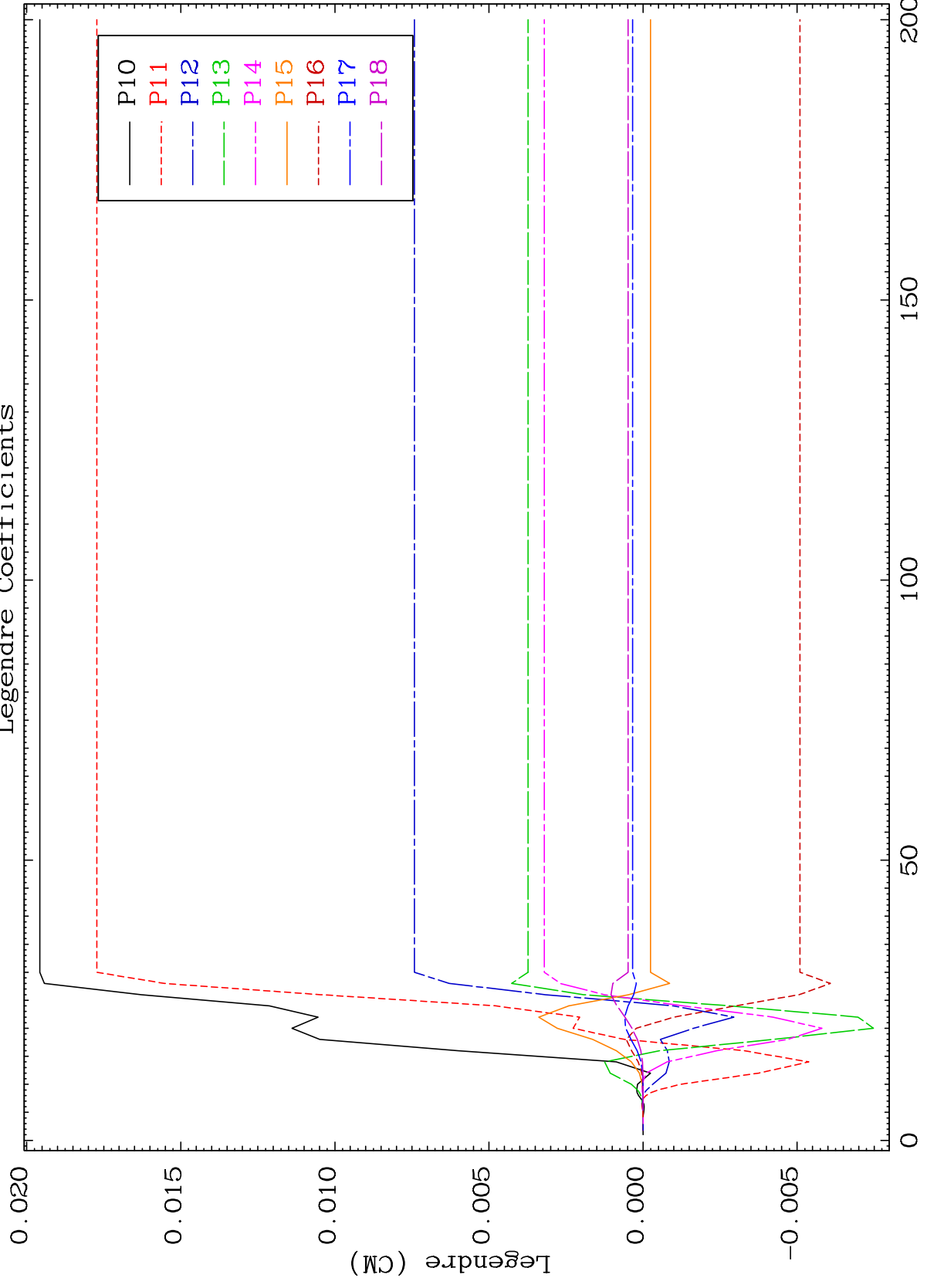


52

Incident Energy (MeV)

58-Ce-127

MAT 5798 MT= 59 (n,n') Level Legendre Coefficients 58-Ce-127

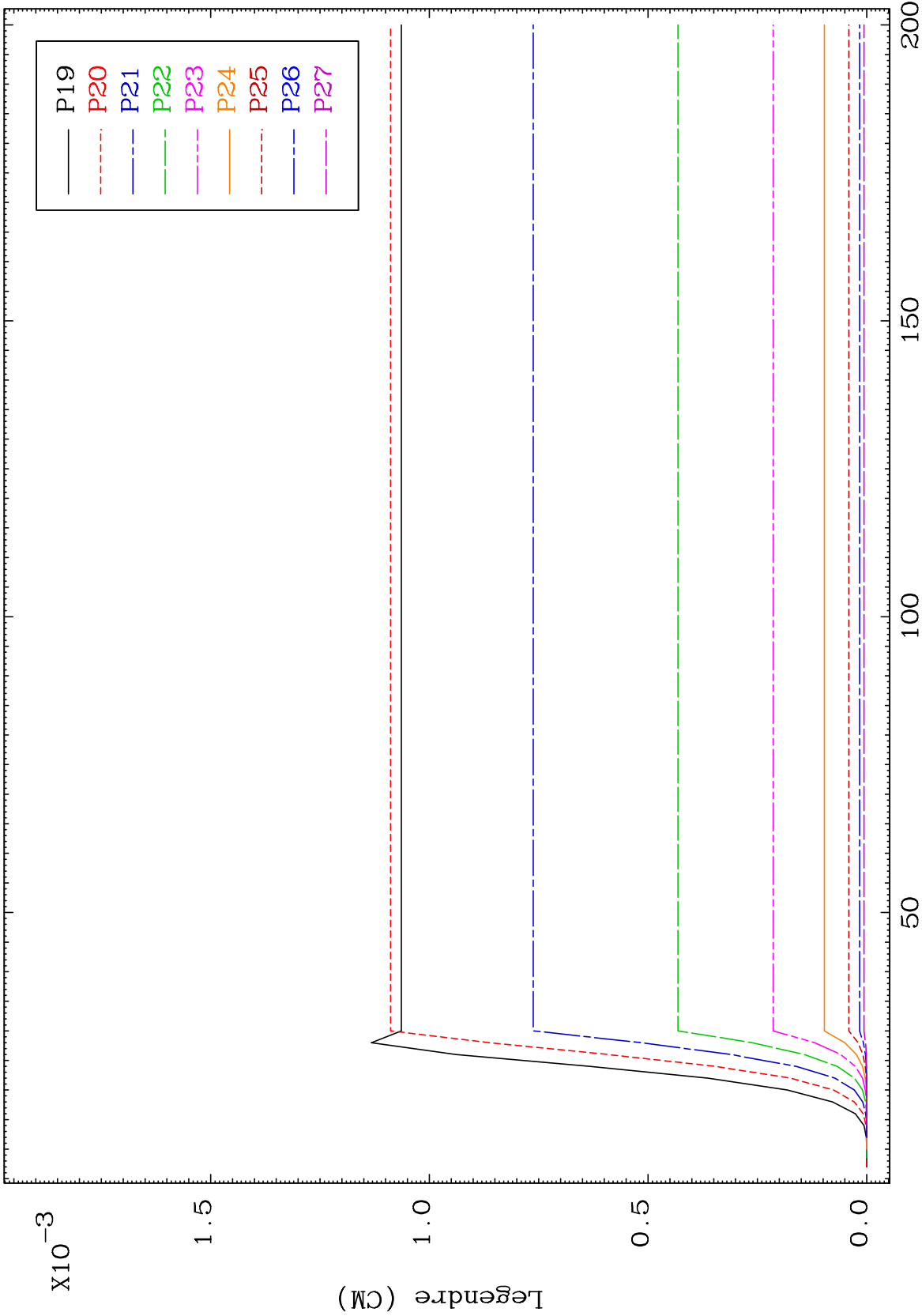


53 58-Ce-127

MAT 5798

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

58-Ce-127



54

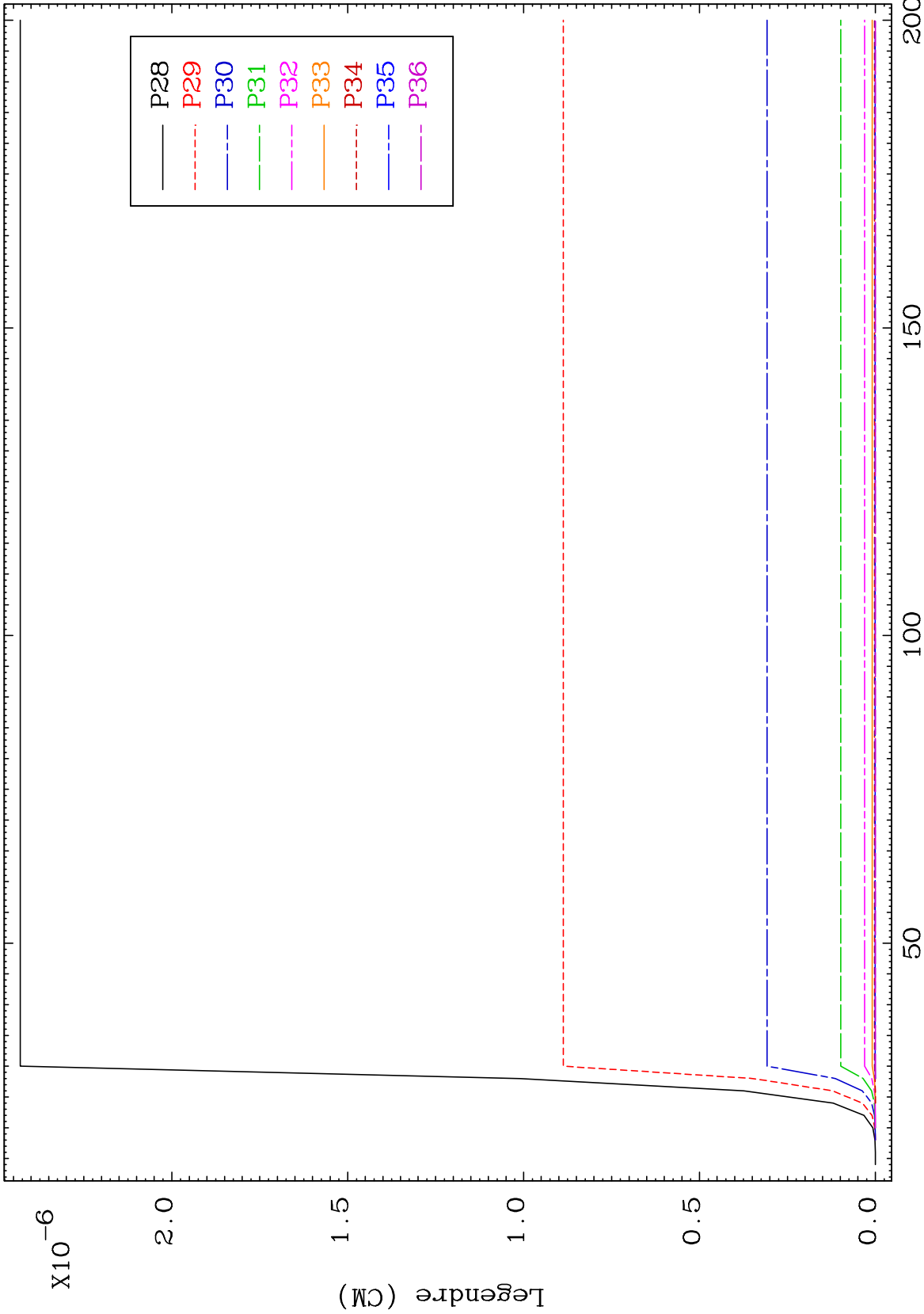
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



55

Incident Energy (MeV)

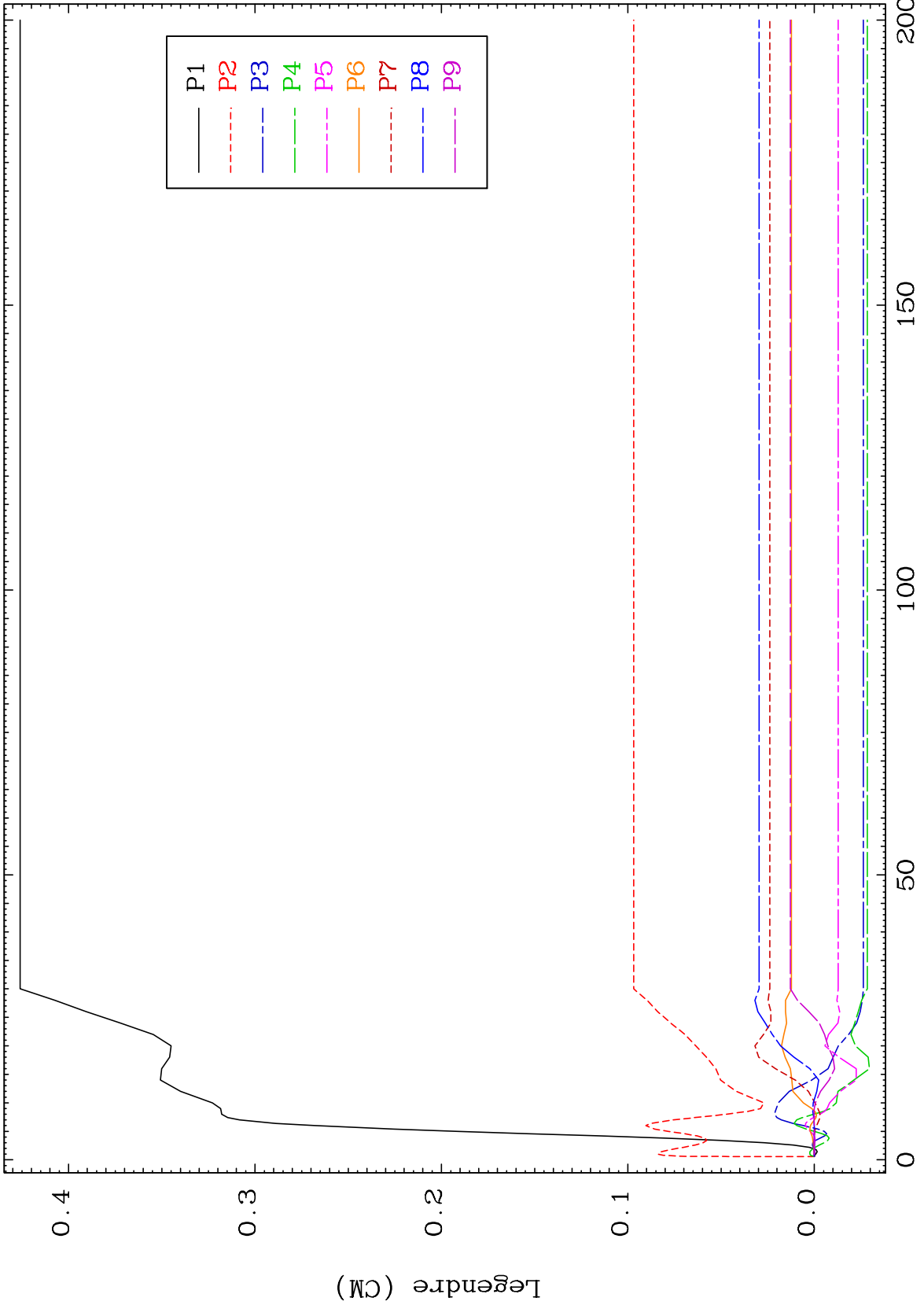
58-Ce-127



MAT 5798

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

58-Ce-127



56

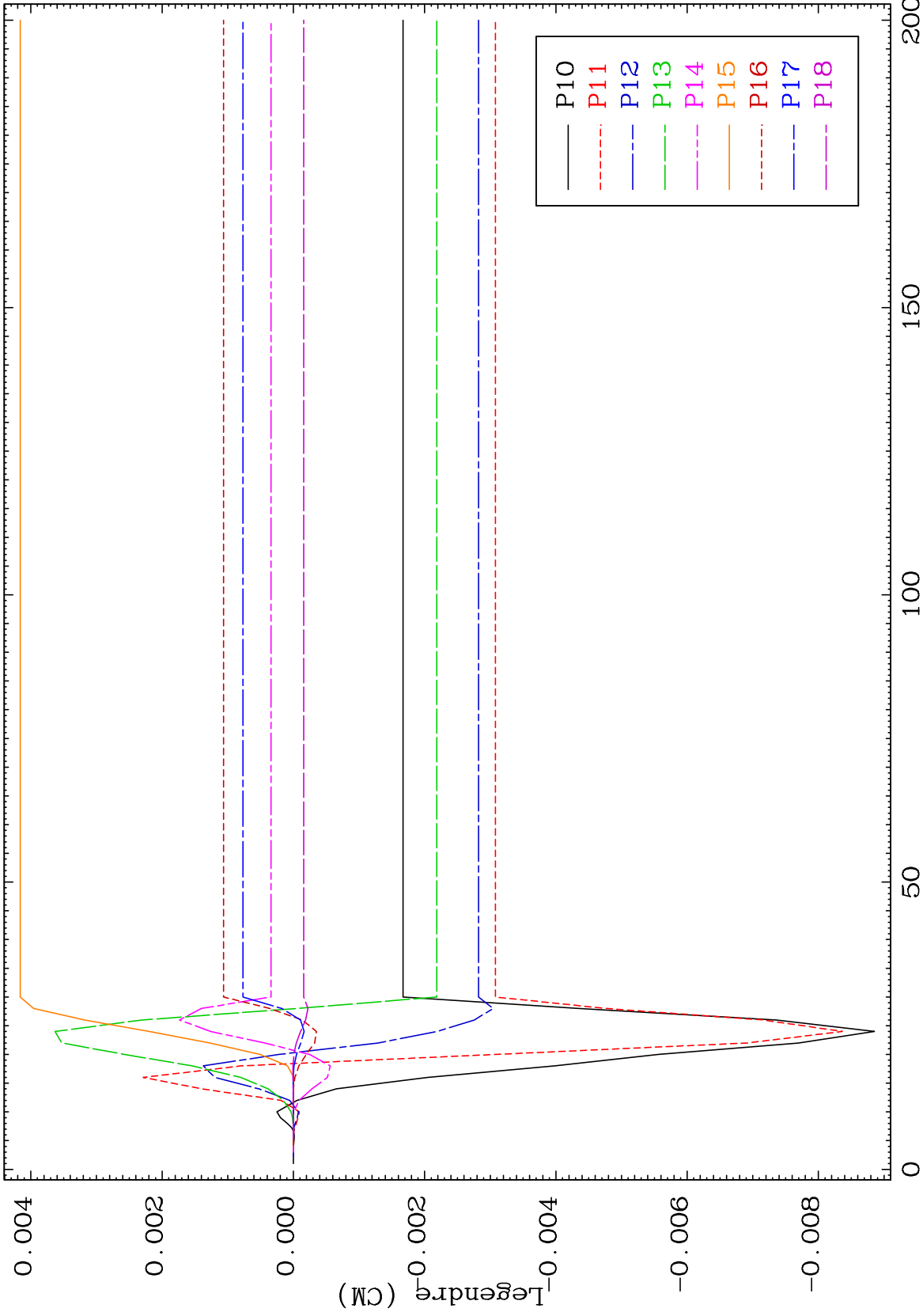
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



57

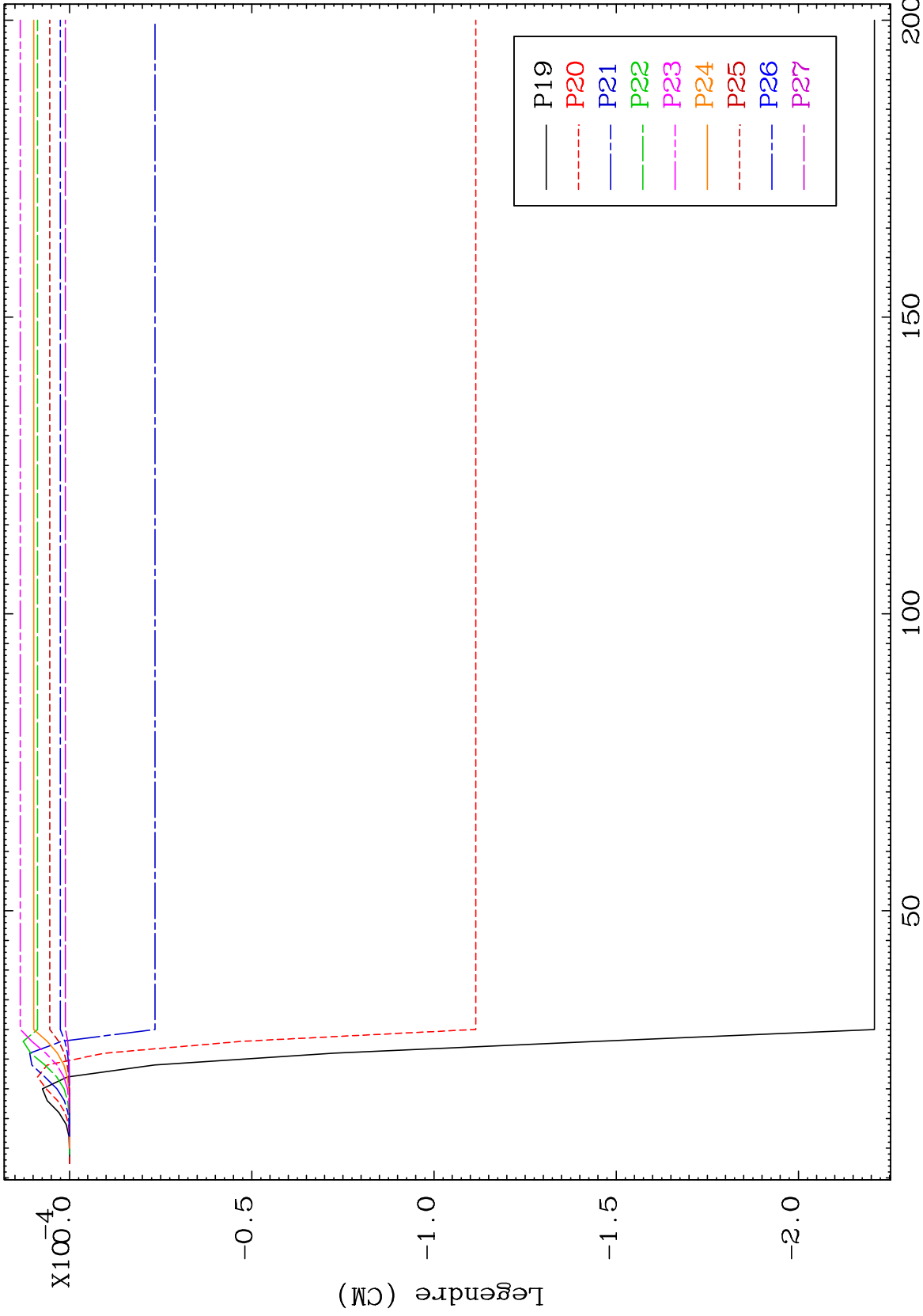
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



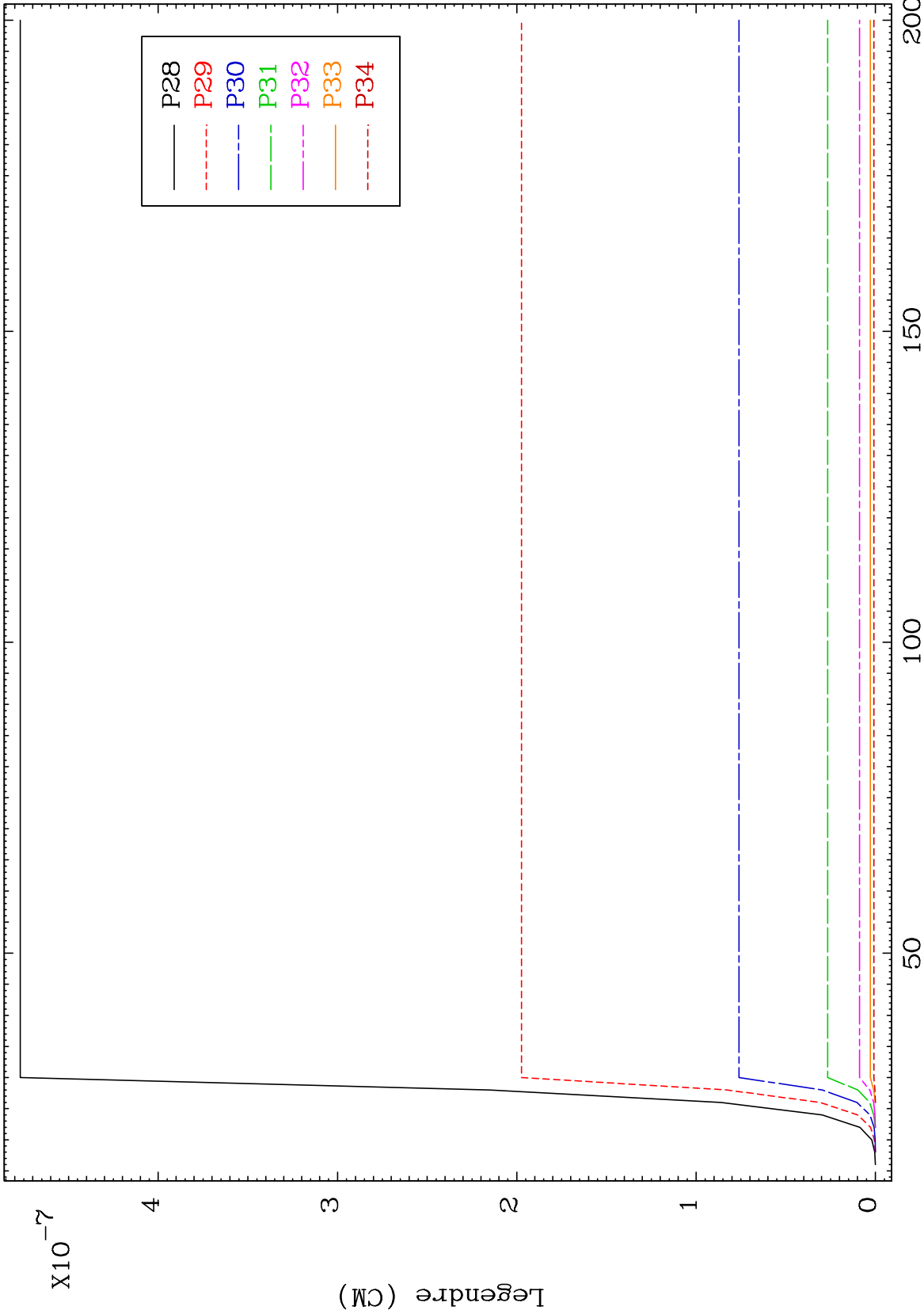
58

58-Ce-127

MAT 5798

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

58-Ce-127



59

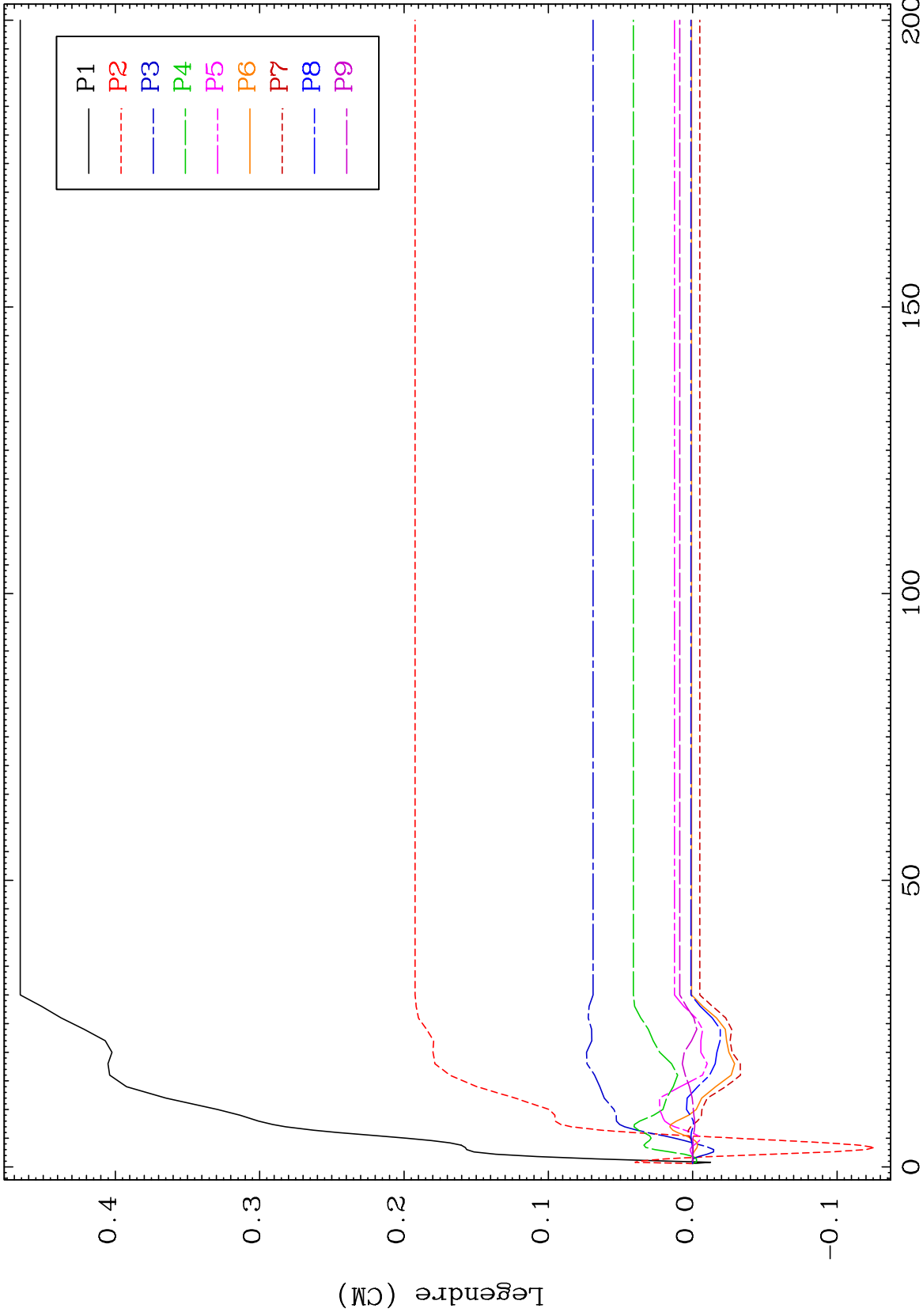
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

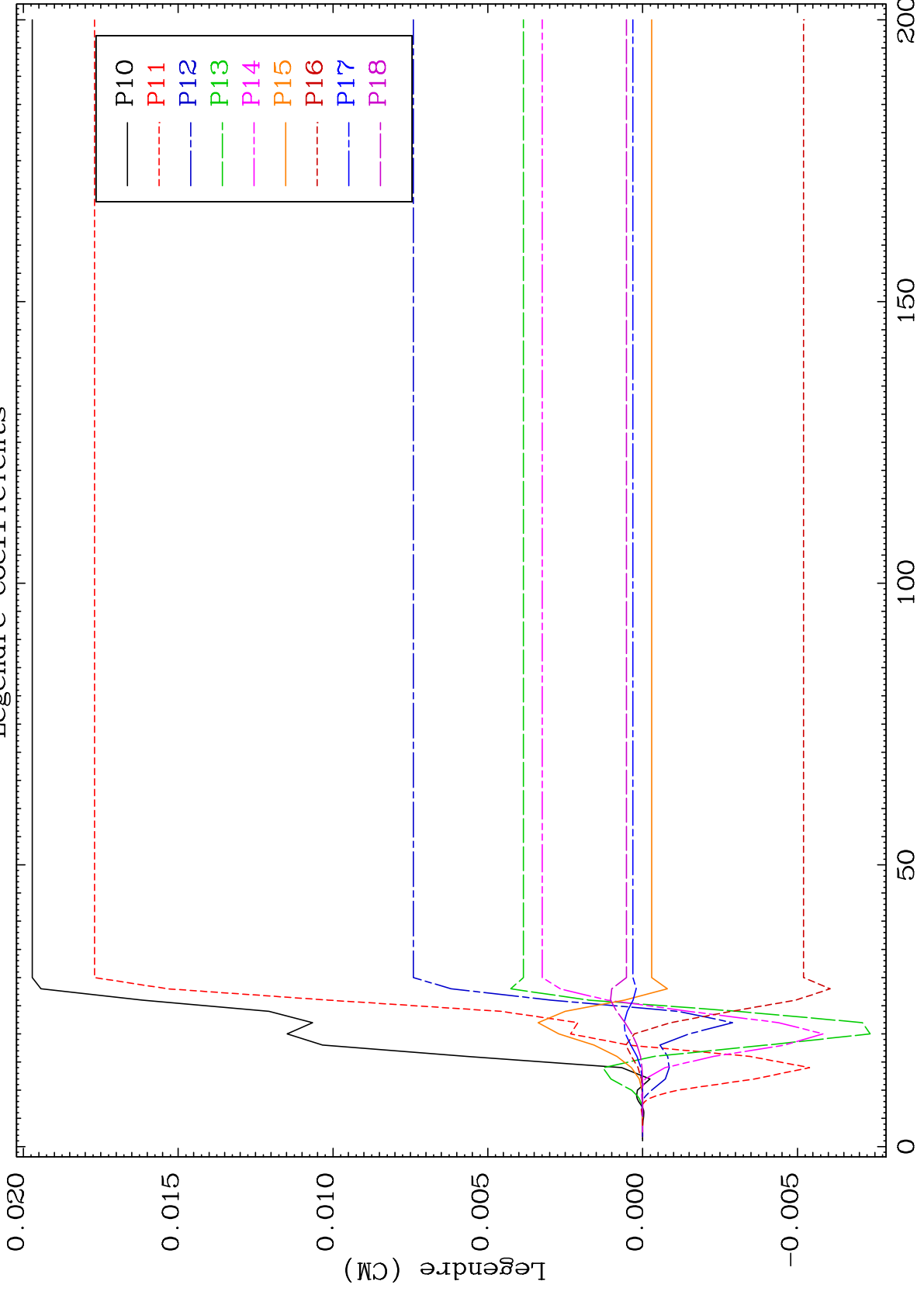
58-Ce-127



58-Ce-127

Incident Energy (MeV)

MAT 5798 MT= 61 (n,n') Level Legendre Coefficients 58-Ce-127

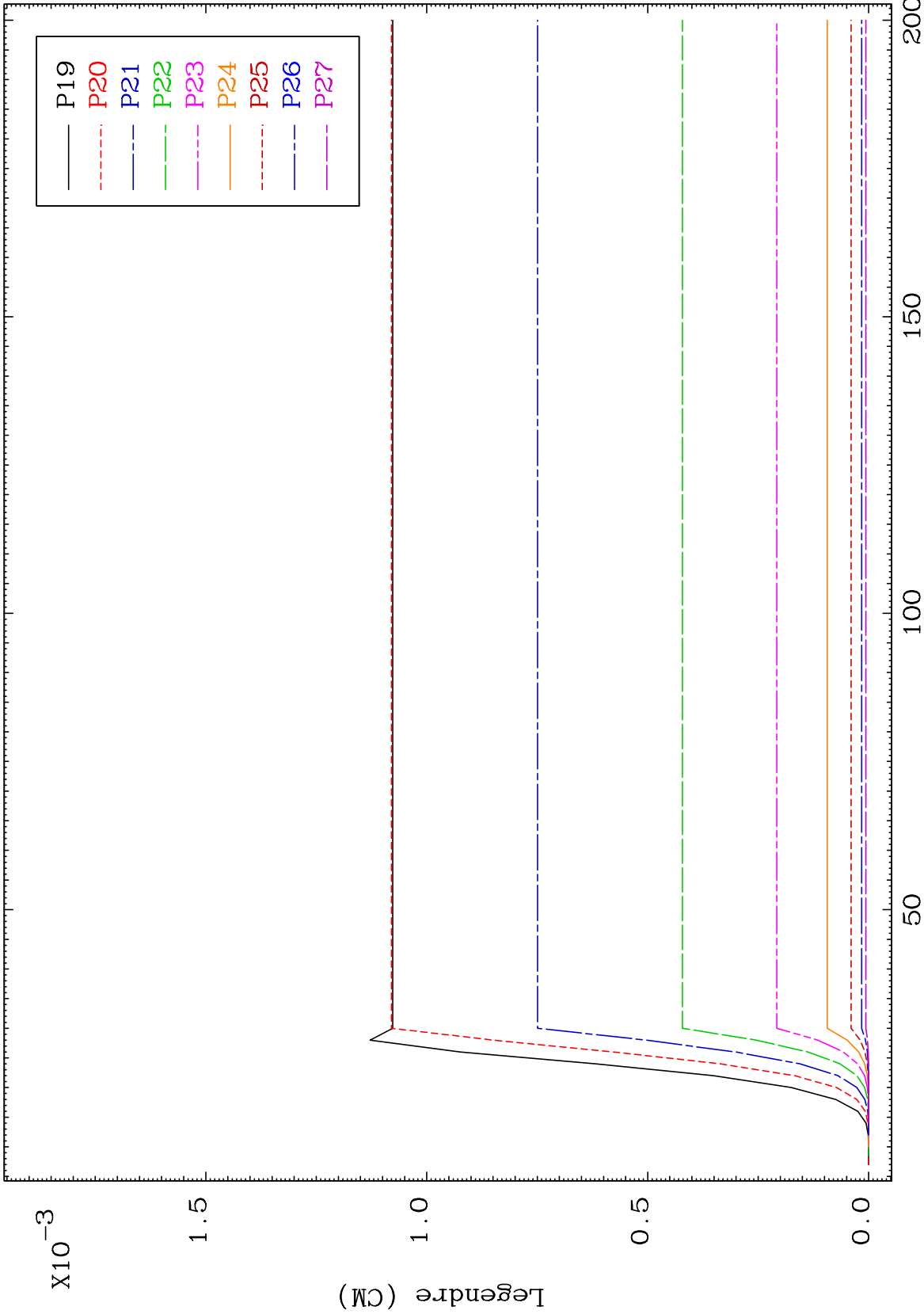


61 58-Ce-127

MAT 5798

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

58-Ce-127



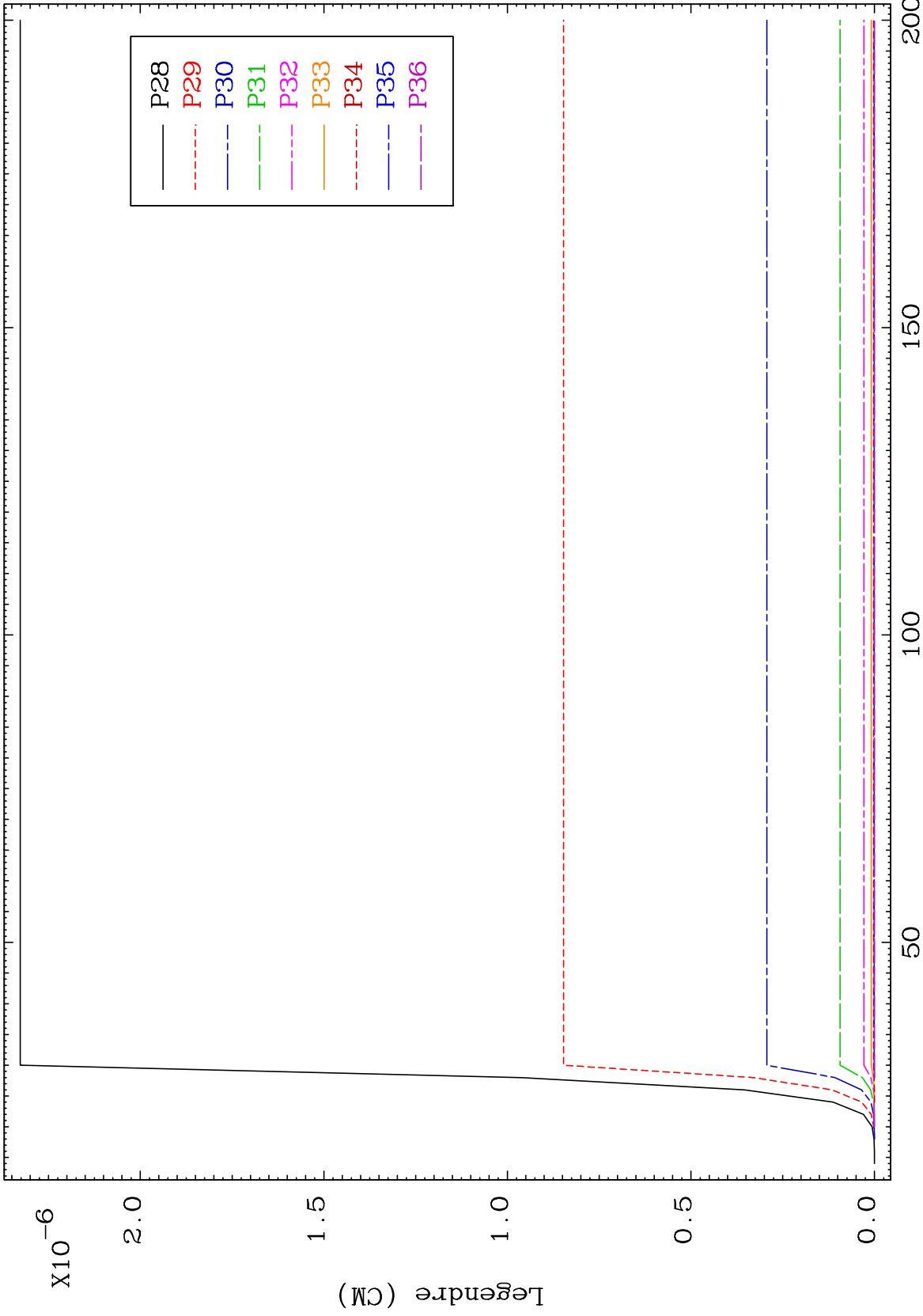
62

58-Ce-127

MAT 5798

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

58-Ce-127



63

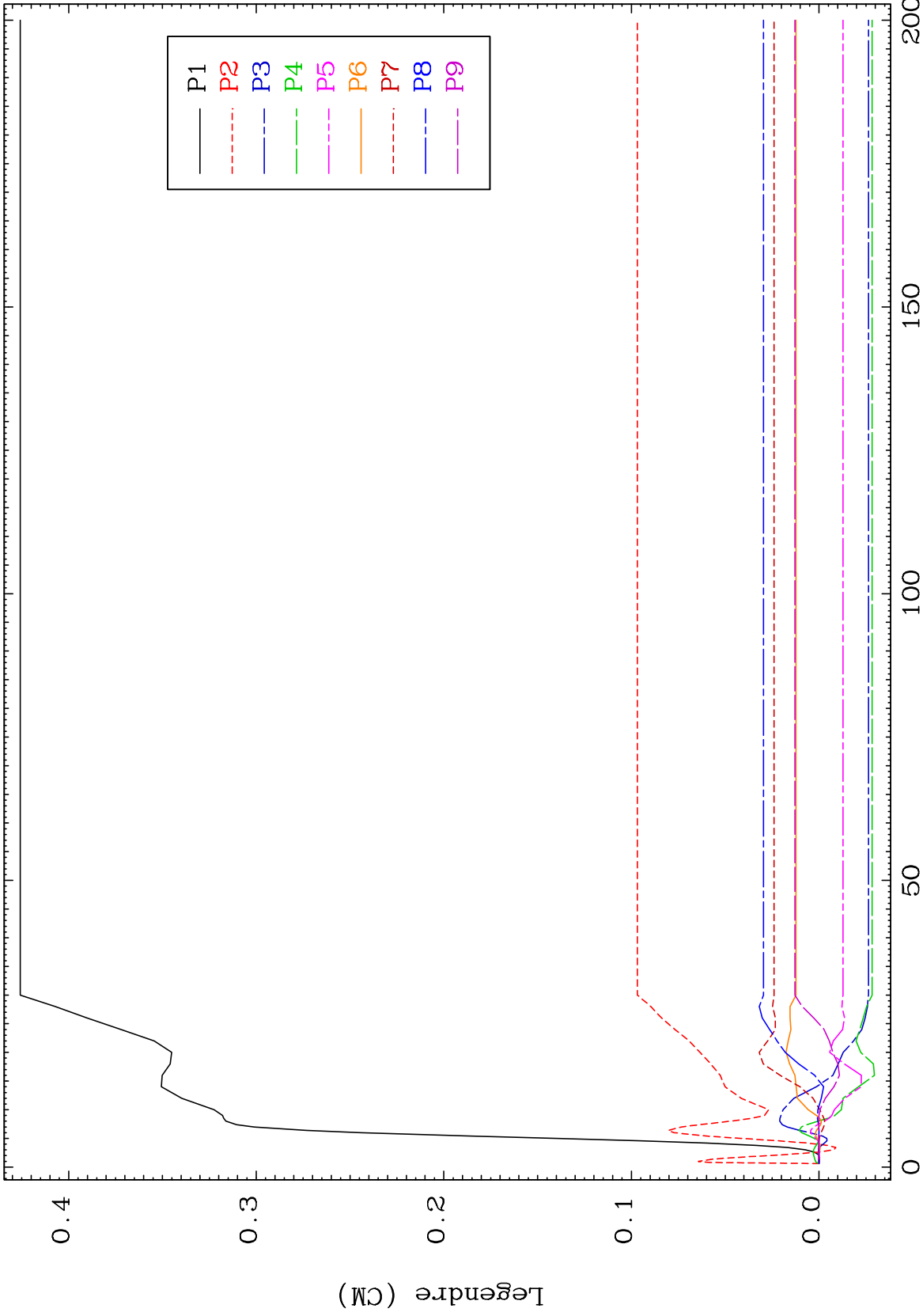
58-Ce-127



MAT 5798

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

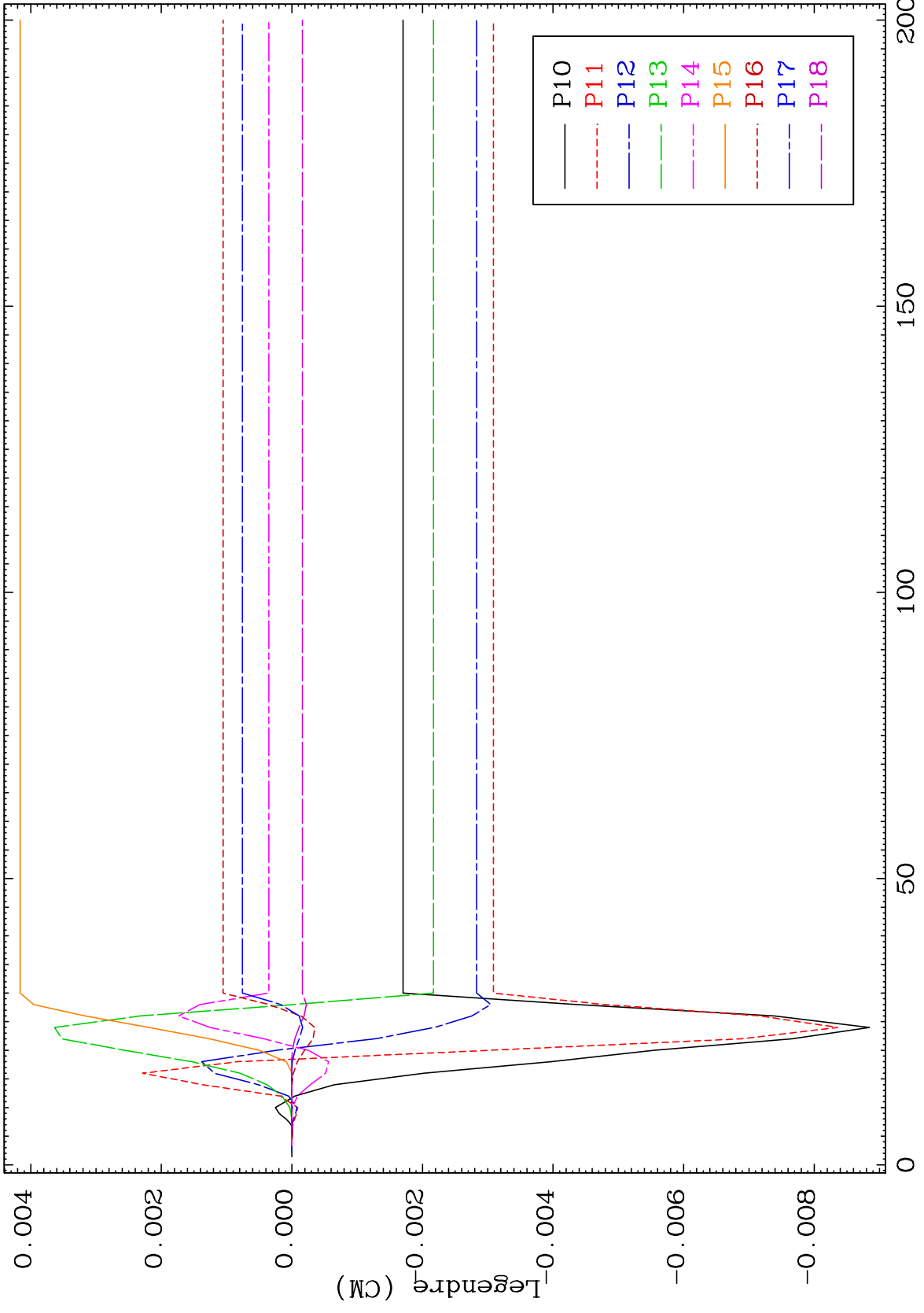
58-Ce-127



MAT 5798 MT= 62 (n,n') Level Legendre Coefficients

65

58-Ce-127



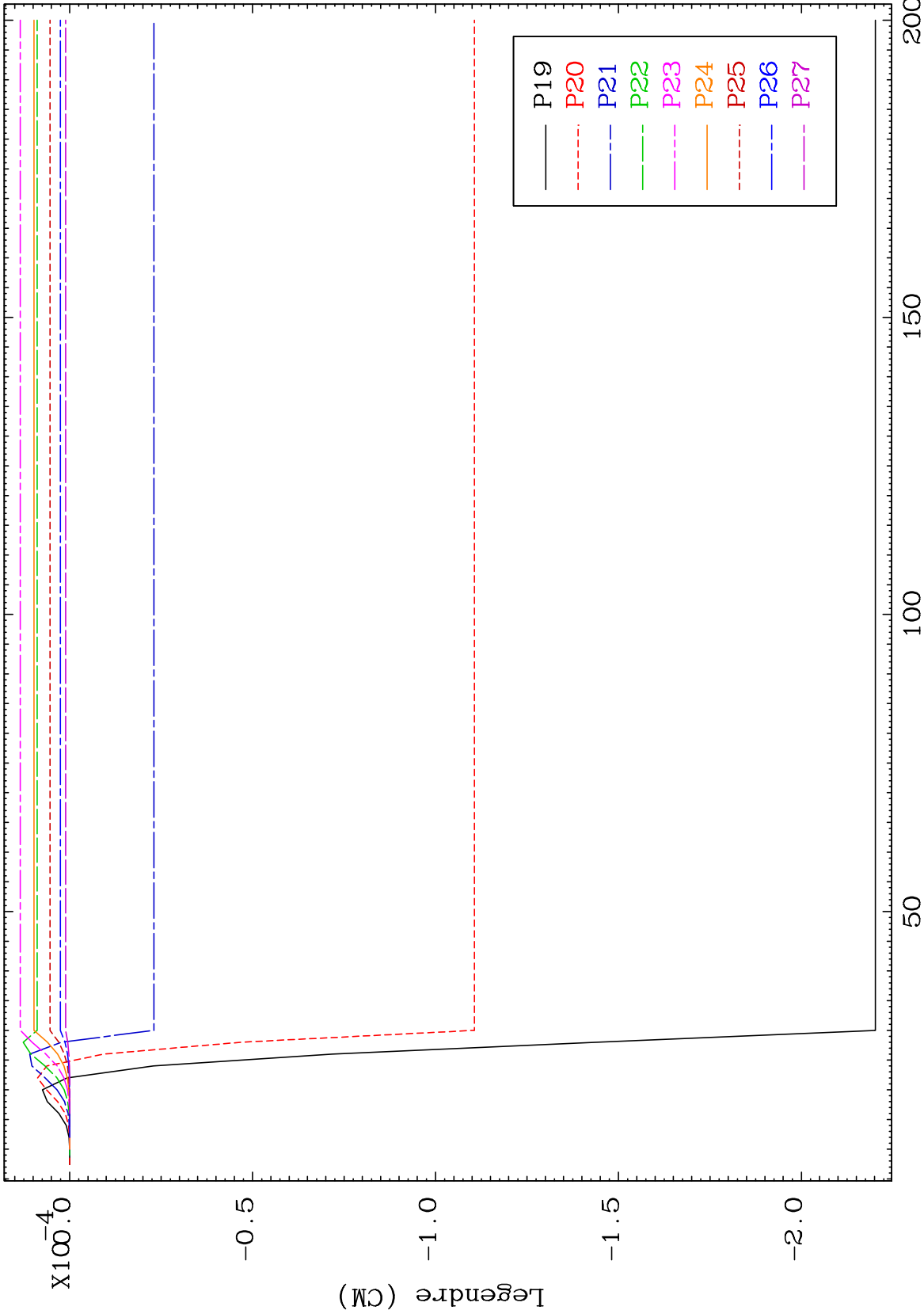
65

58-Ce-127

MAT 5798

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

58-Ce-127



66

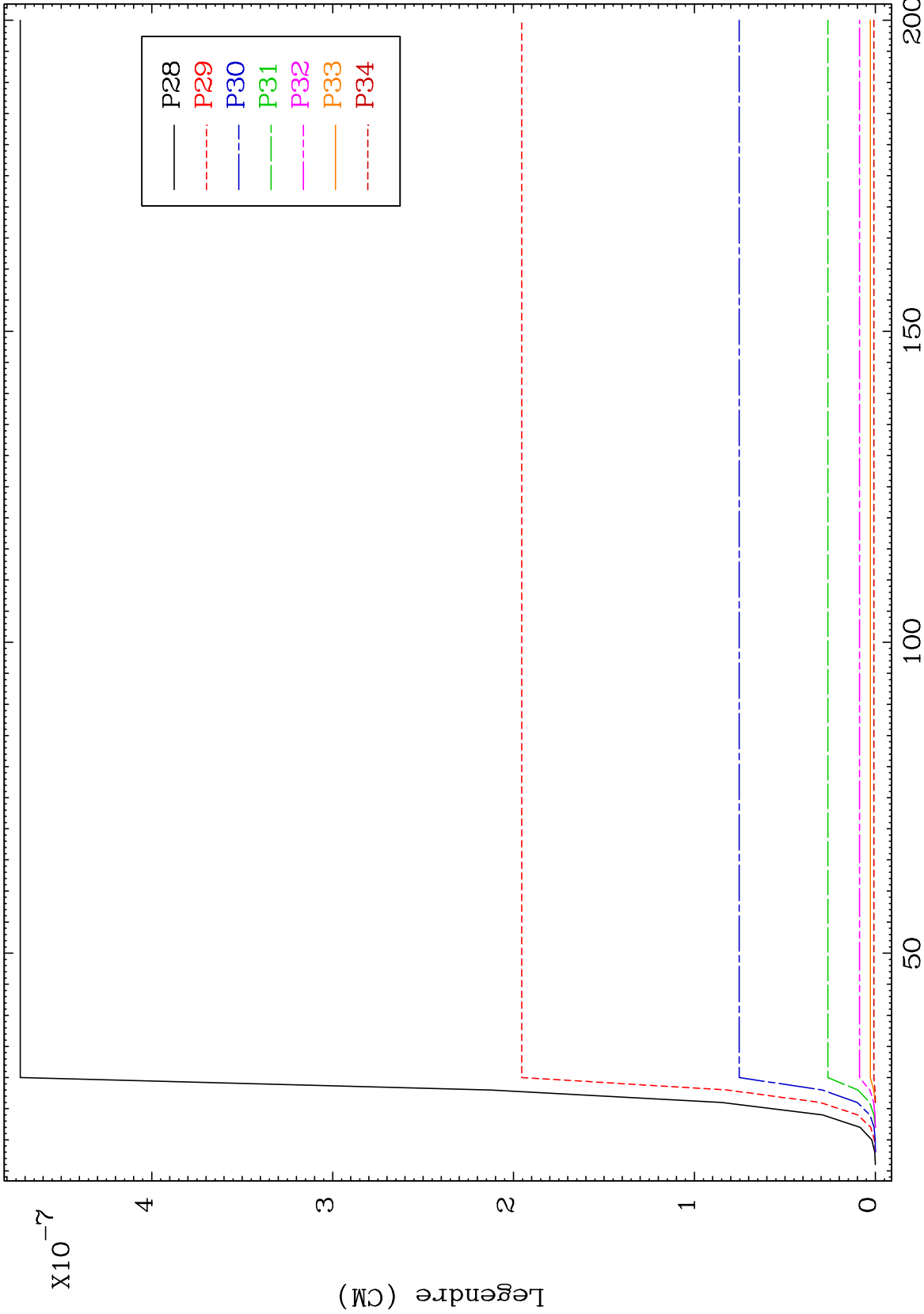
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



67

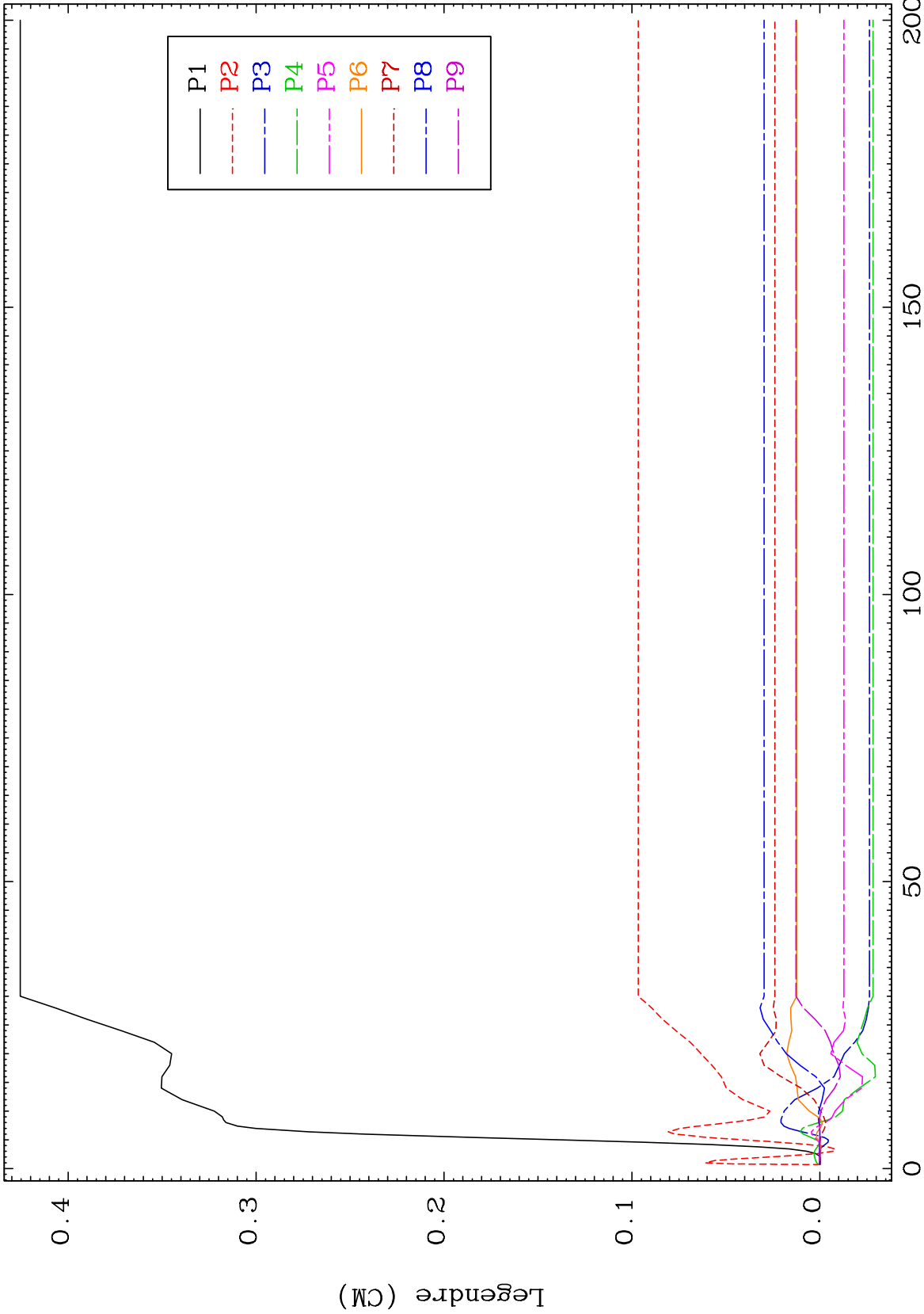
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



68

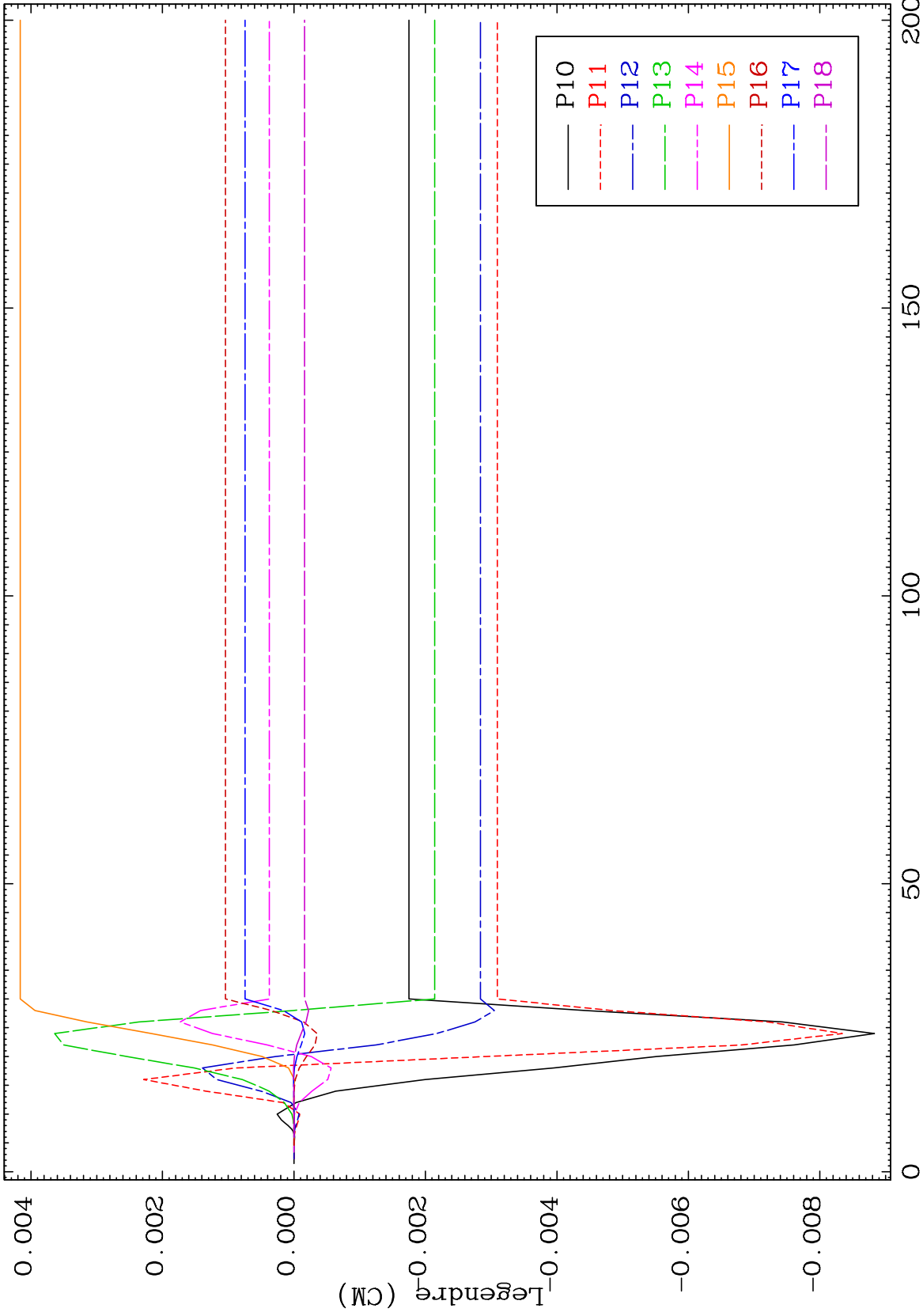
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127

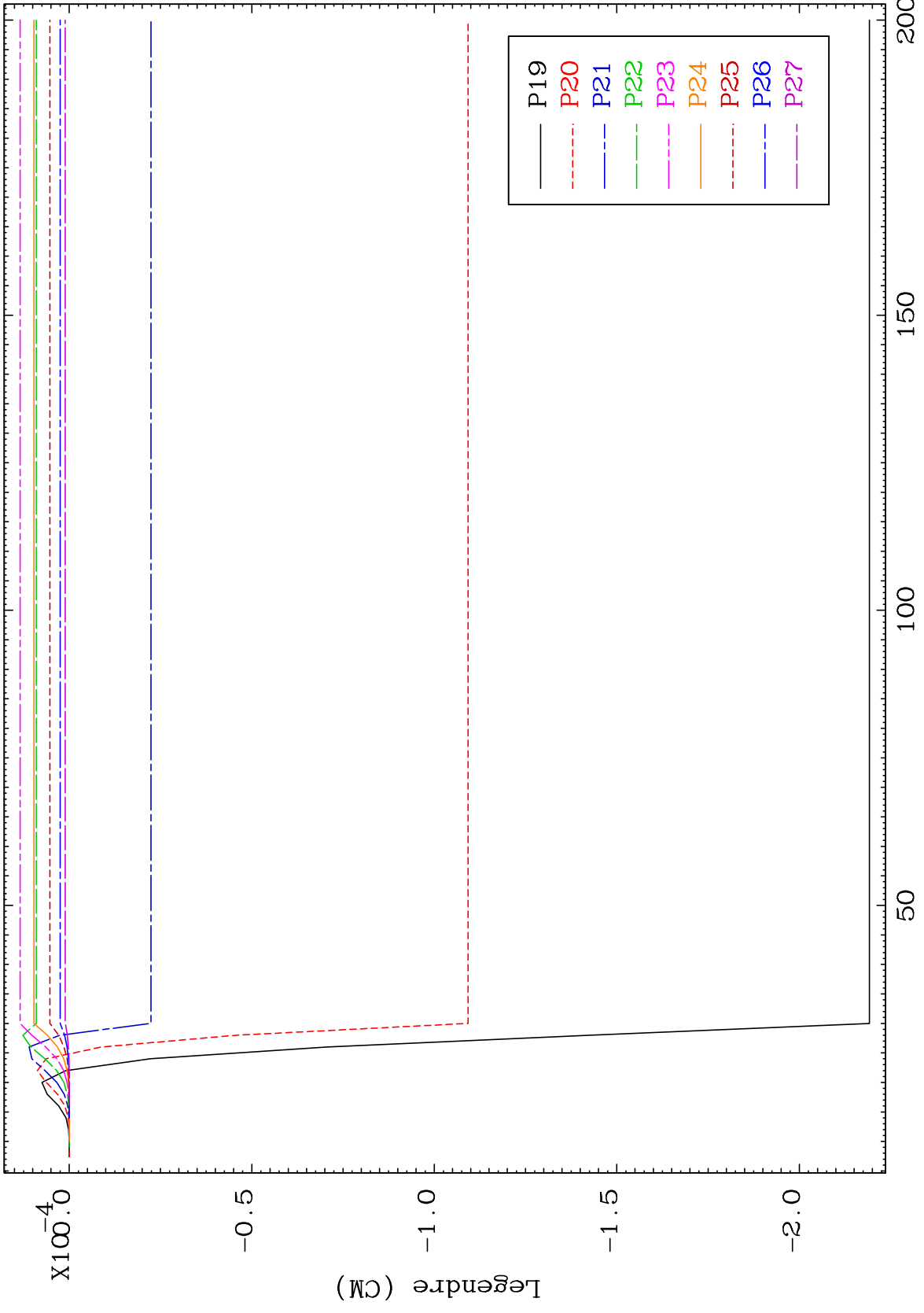


69

Incident Energy (MeV)

58-Ce-127

MAT 5798 MT= 63 (n,n') Level Legendre Coefficients 58-Ce-127

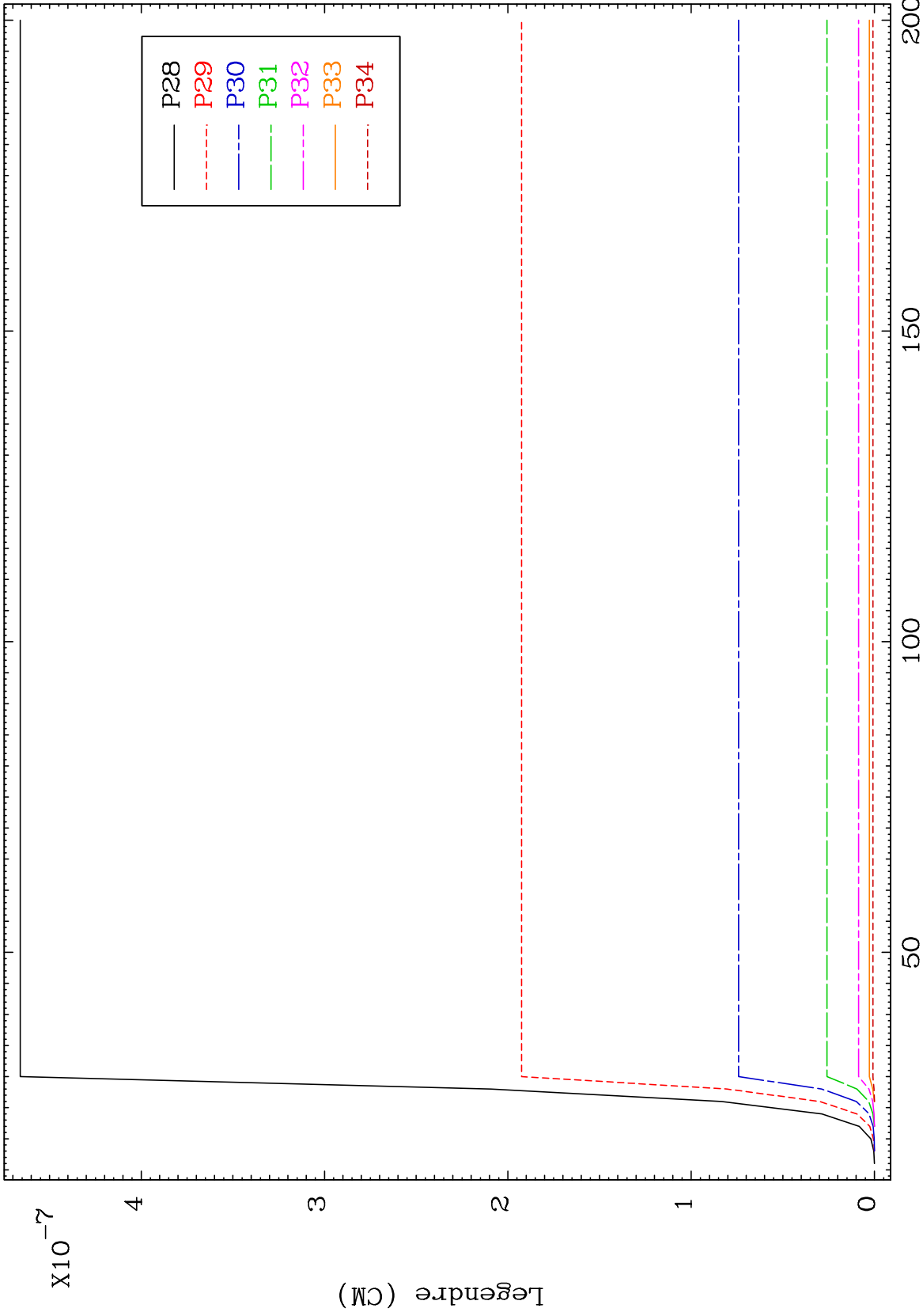


70 Incident Energy (MeV) 58-Ce-127

MAT 5798

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

58-Ce-127



71

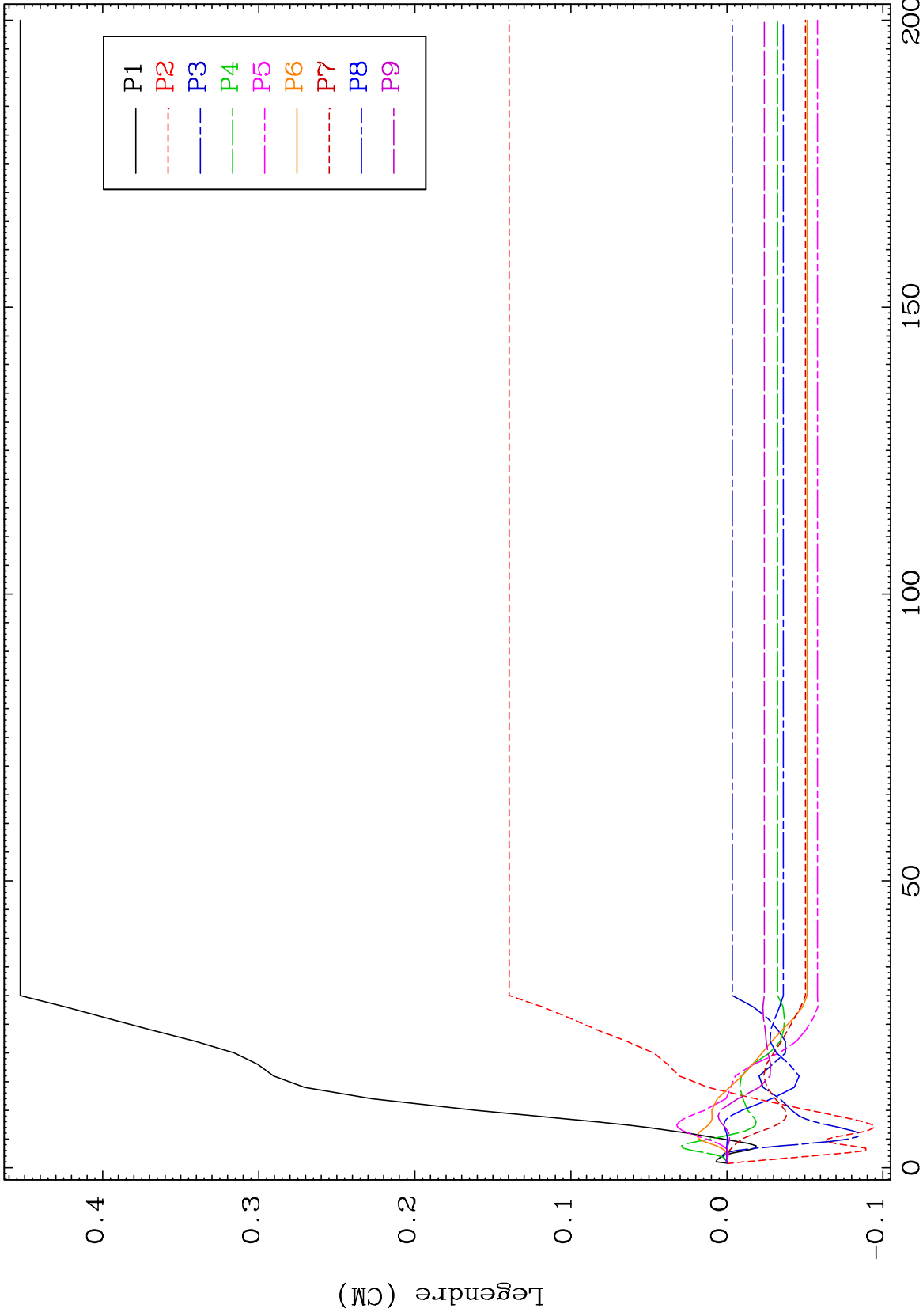
58-Ce-127



MAT 5798

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

58-Ce-127



72

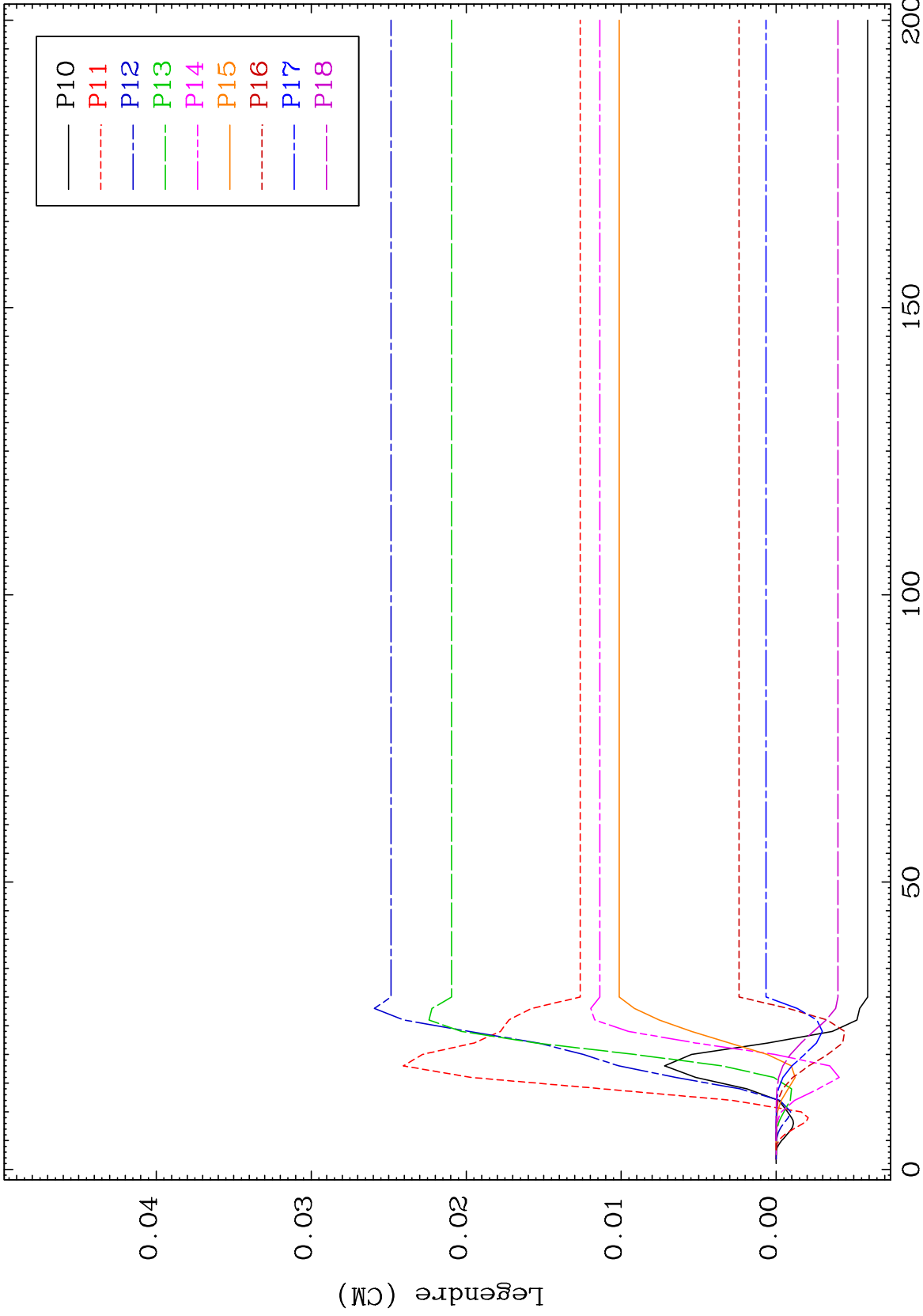
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



73

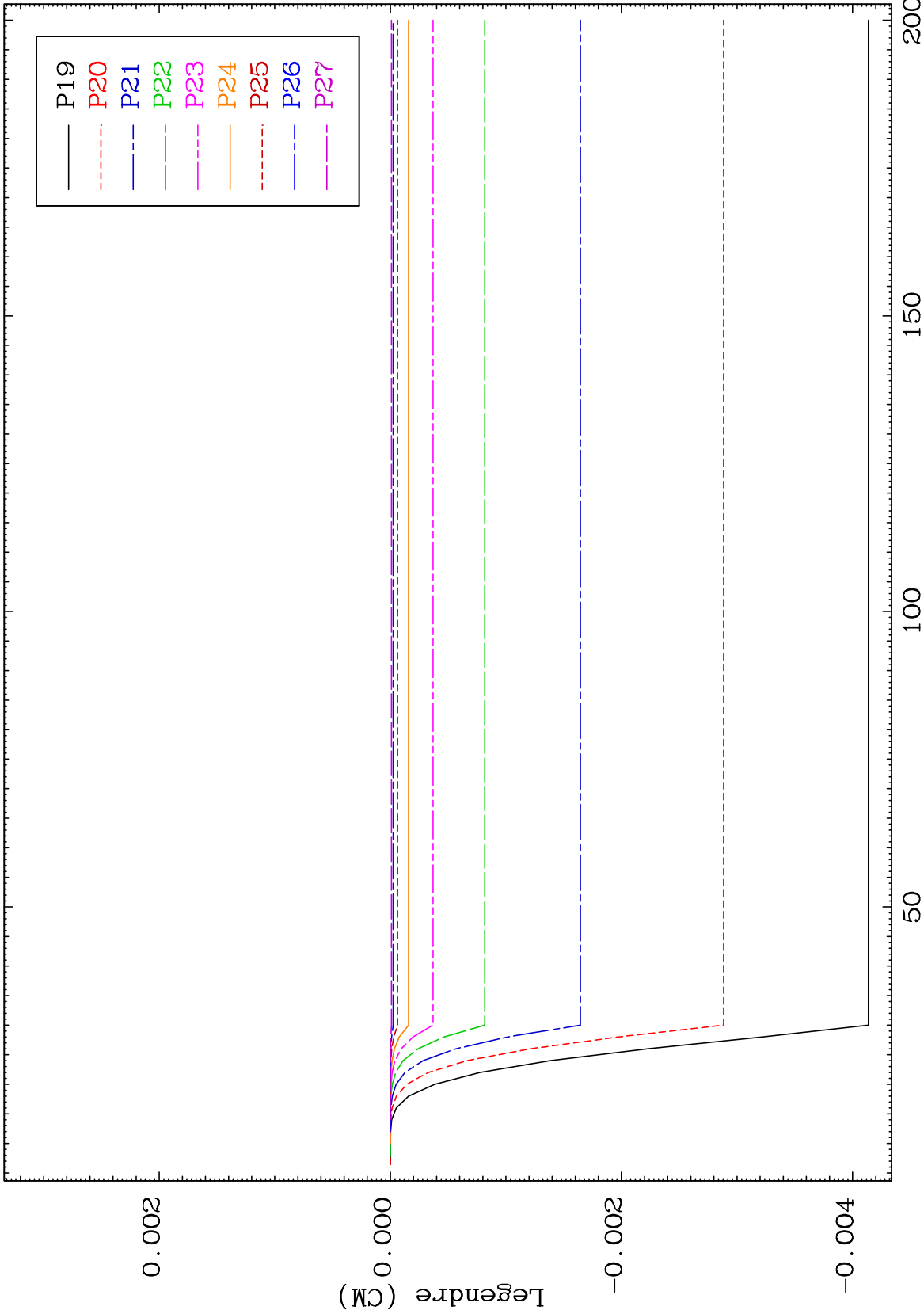
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



74

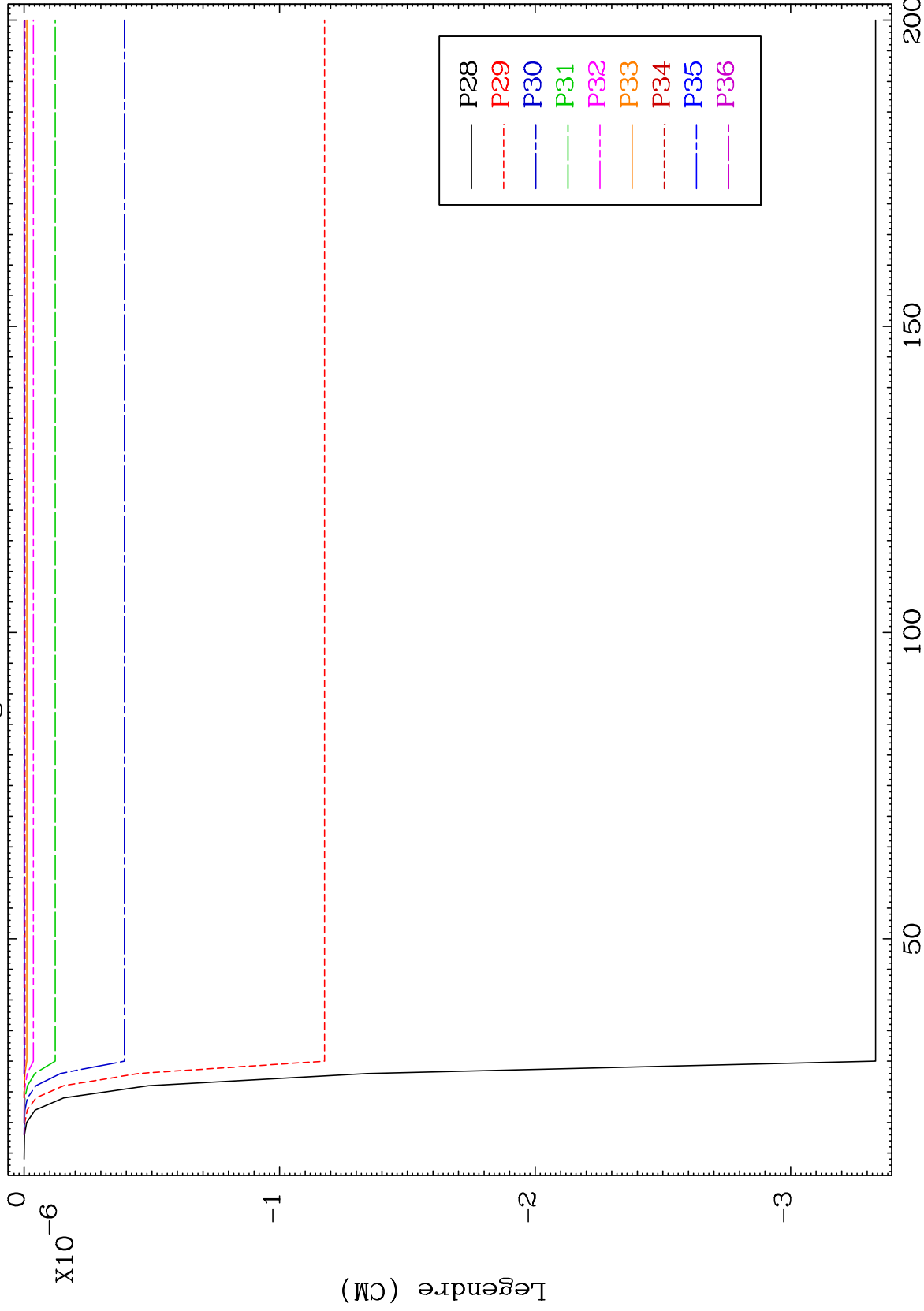
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



58-Ce-127

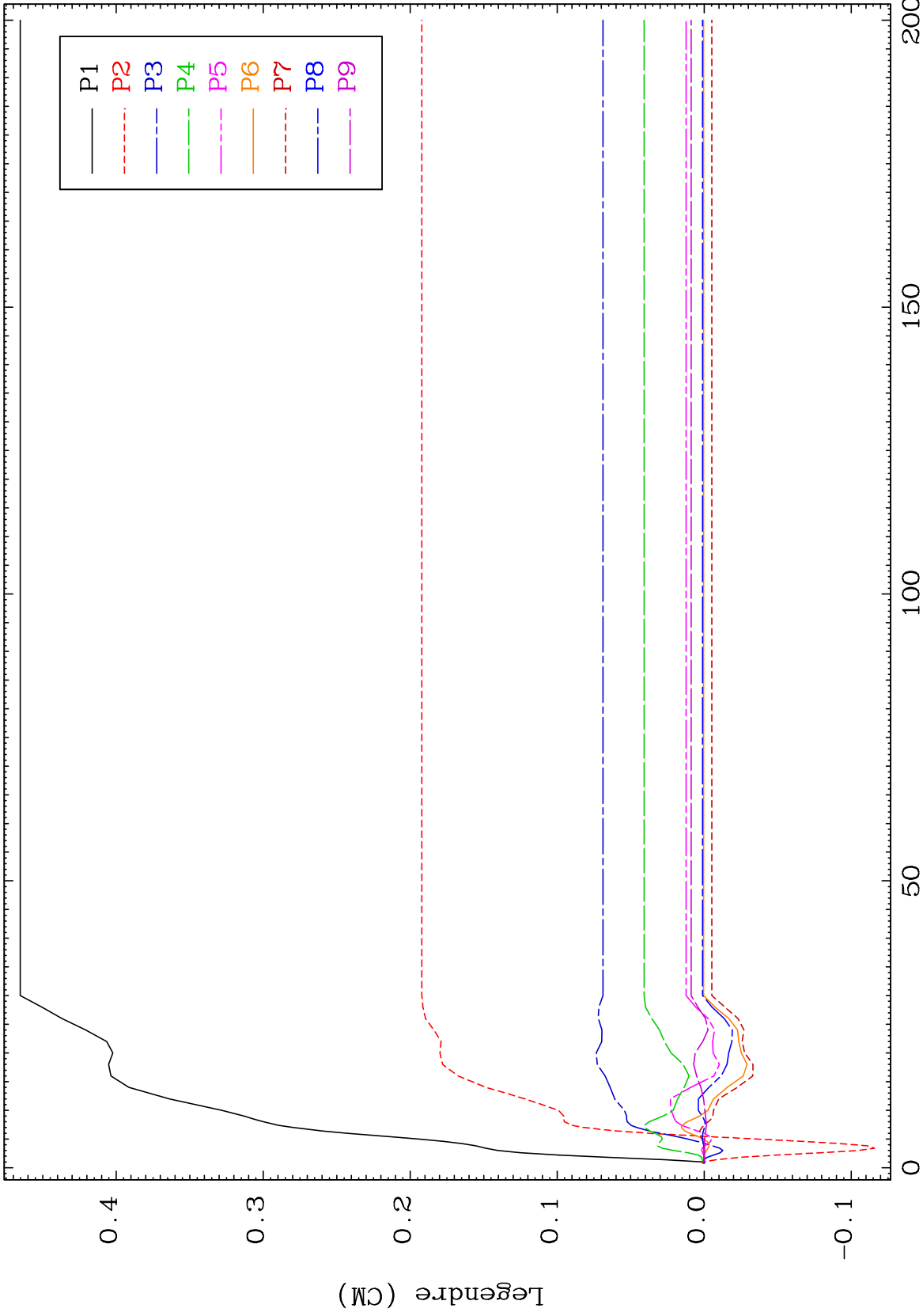
Incident Energy (MeV)

75

MAT 5798

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

58-Ce-127



76

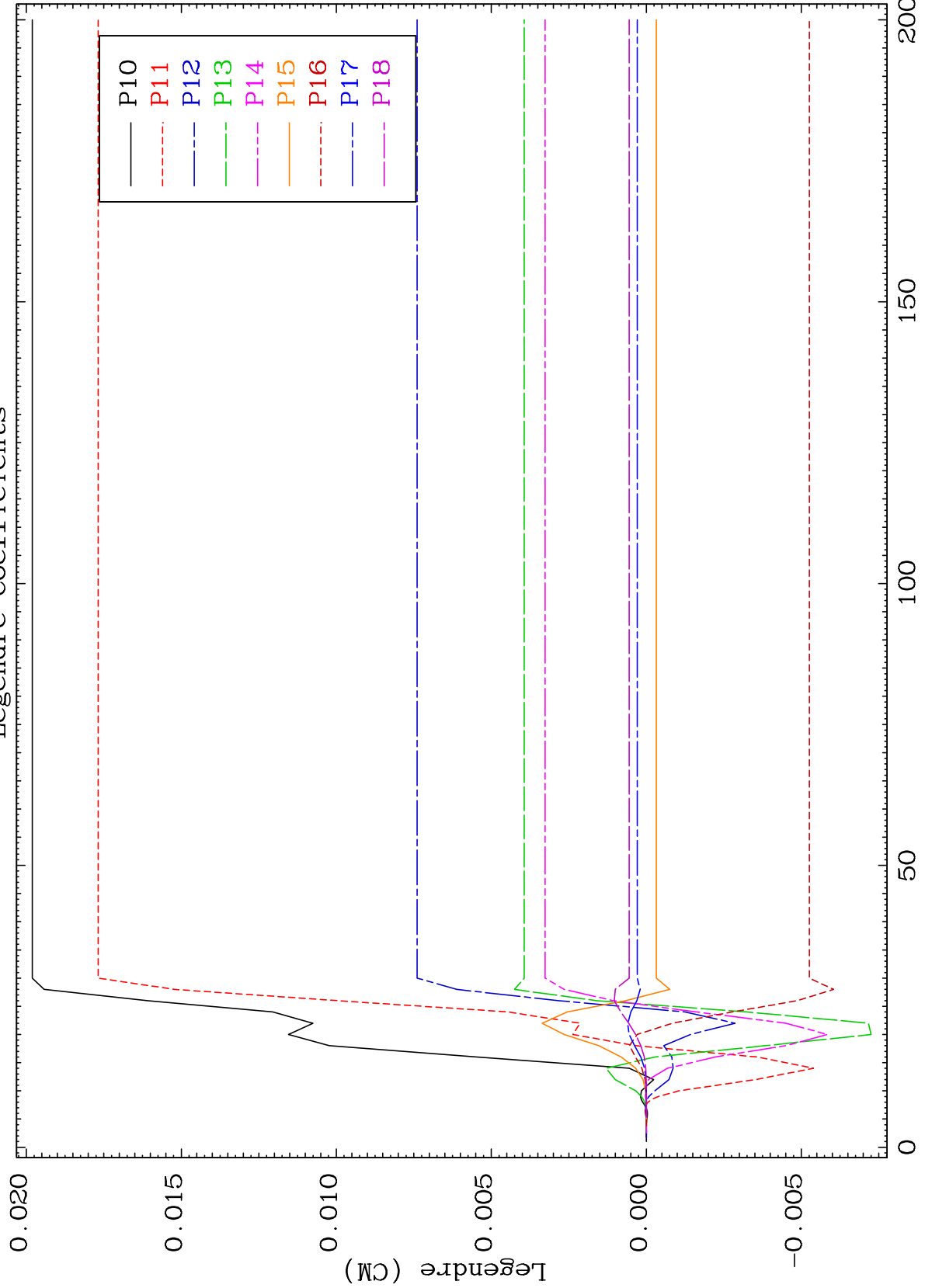
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



77

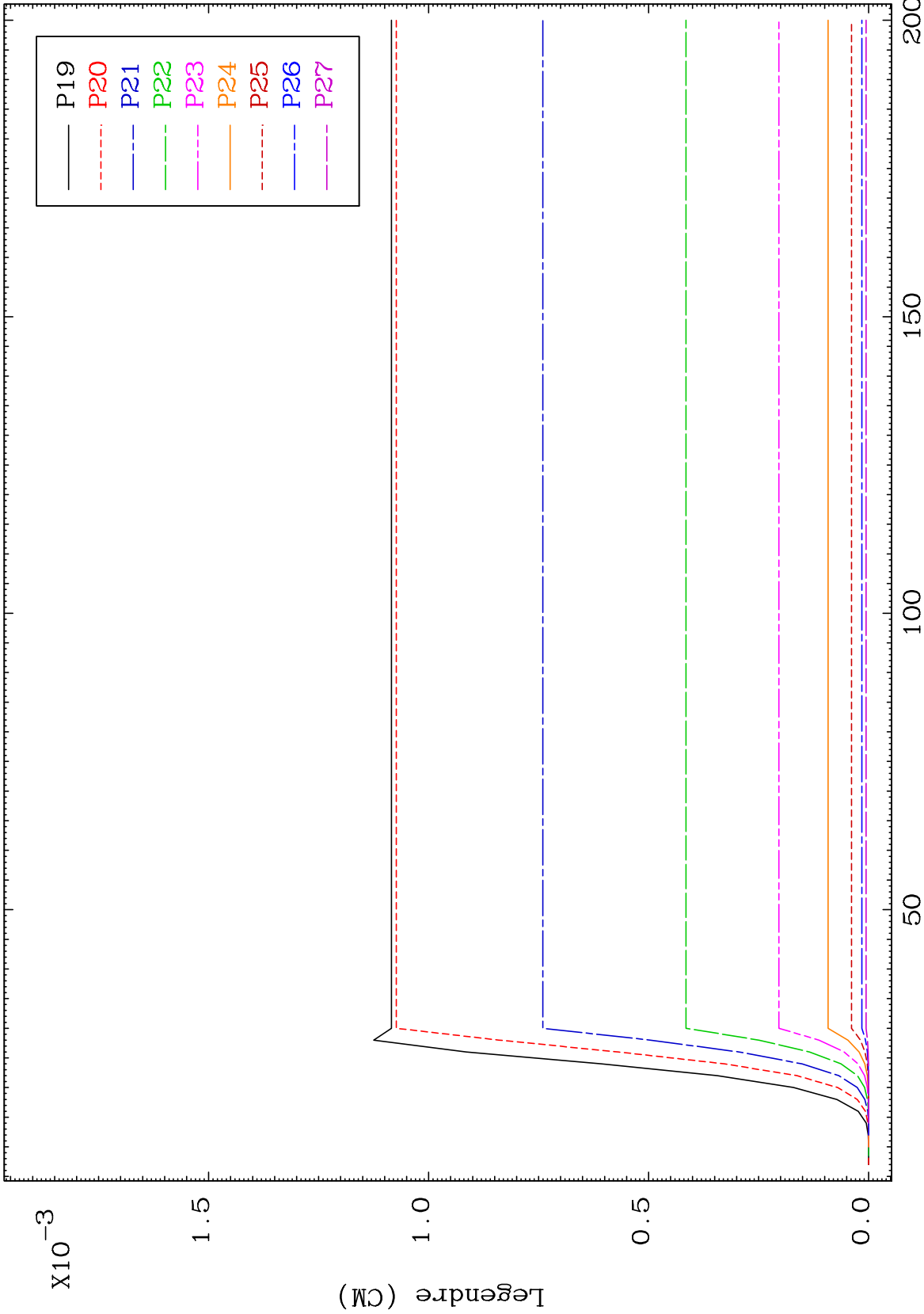
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



78

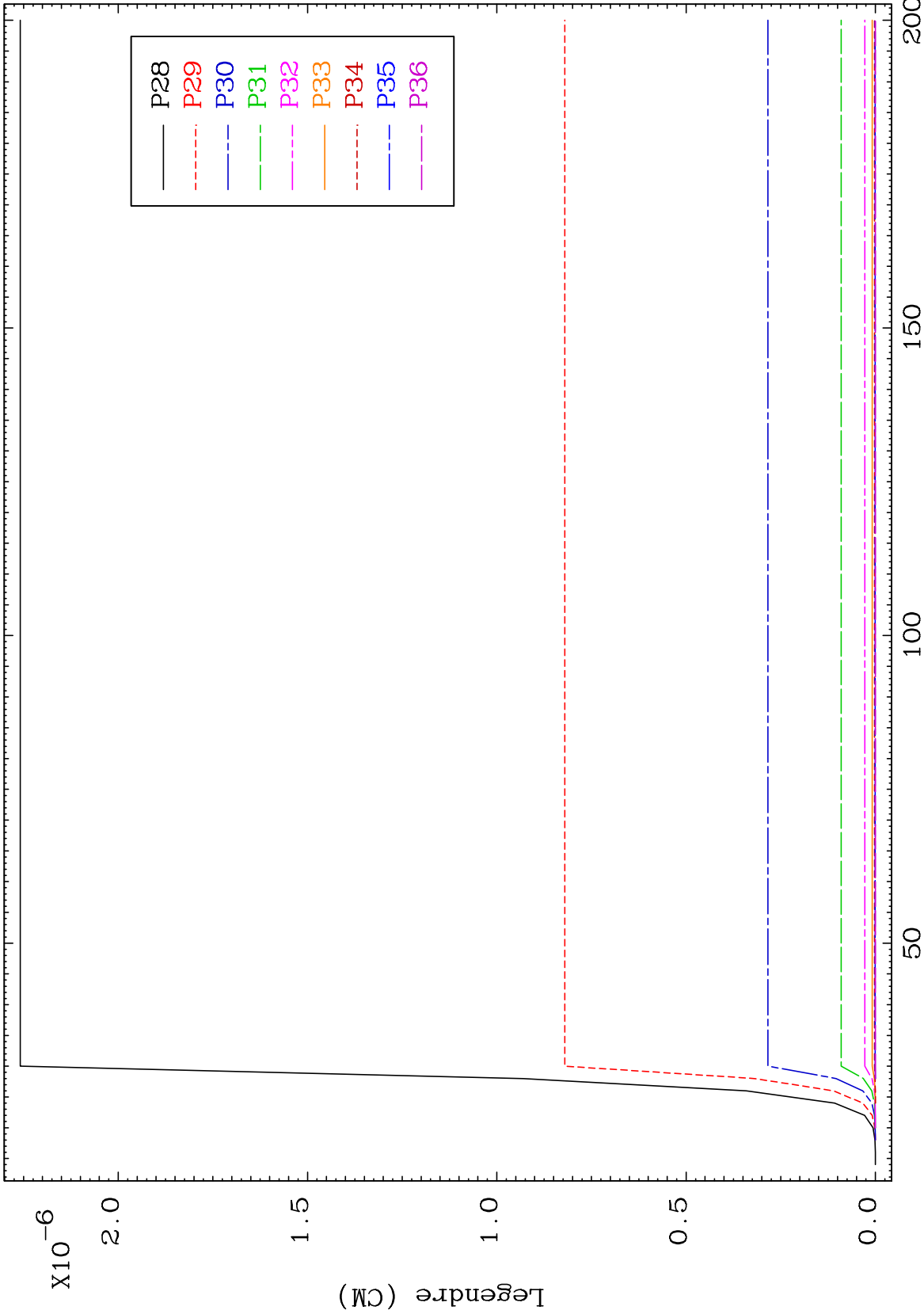
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



79

Incident Energy (MeV)

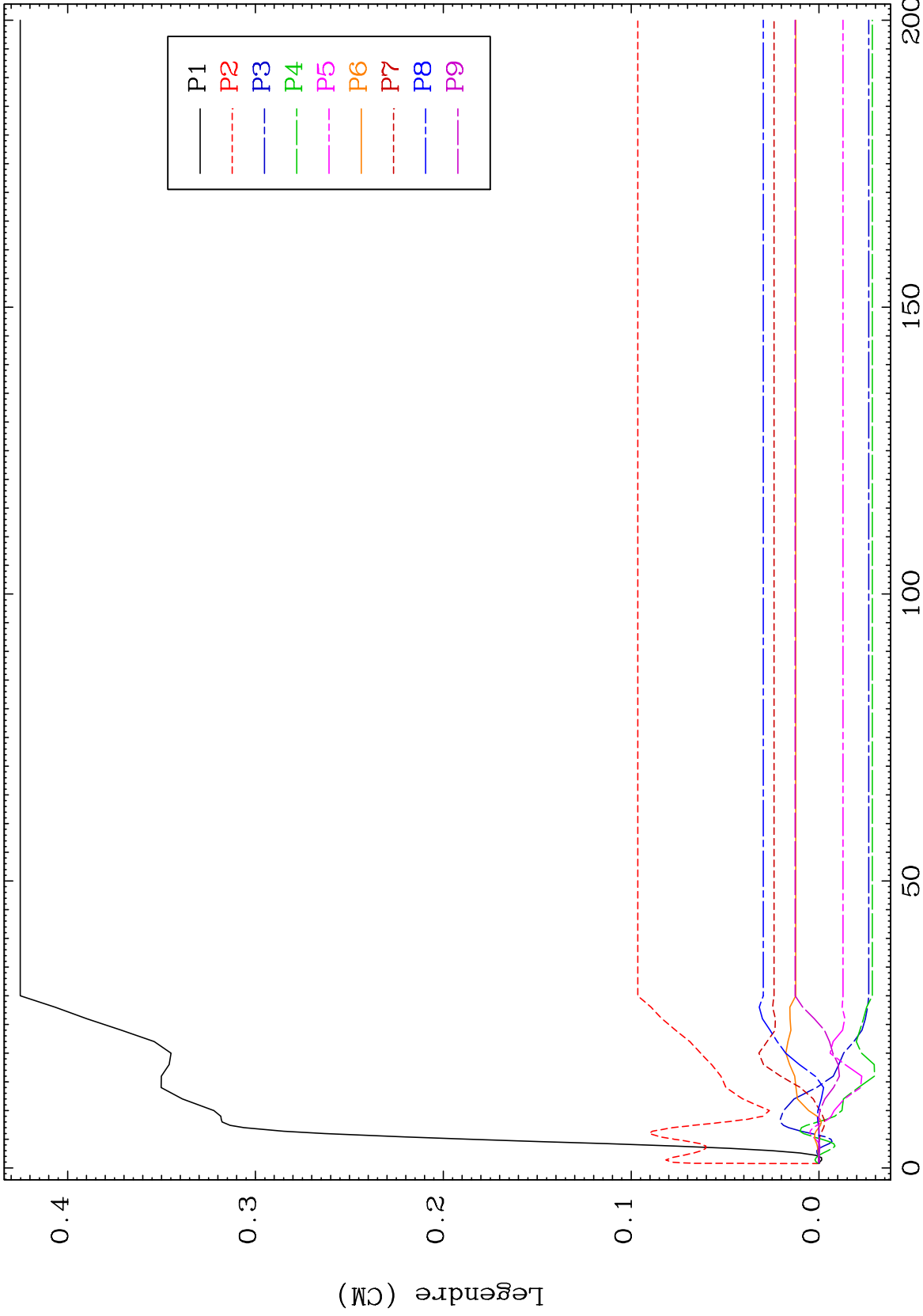
58-Ce-127



MAT 5798

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

58-Ce-127



80

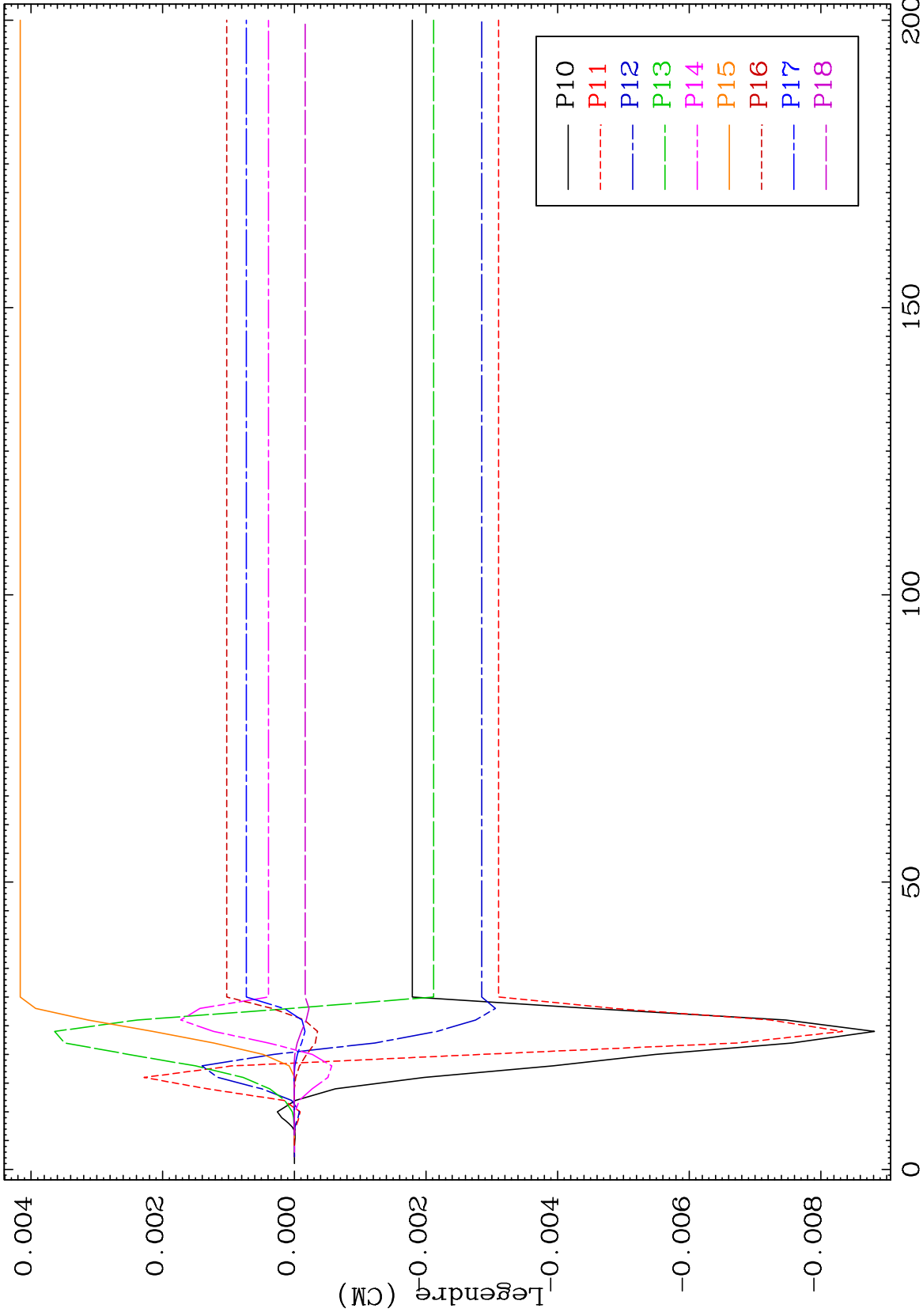
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



81

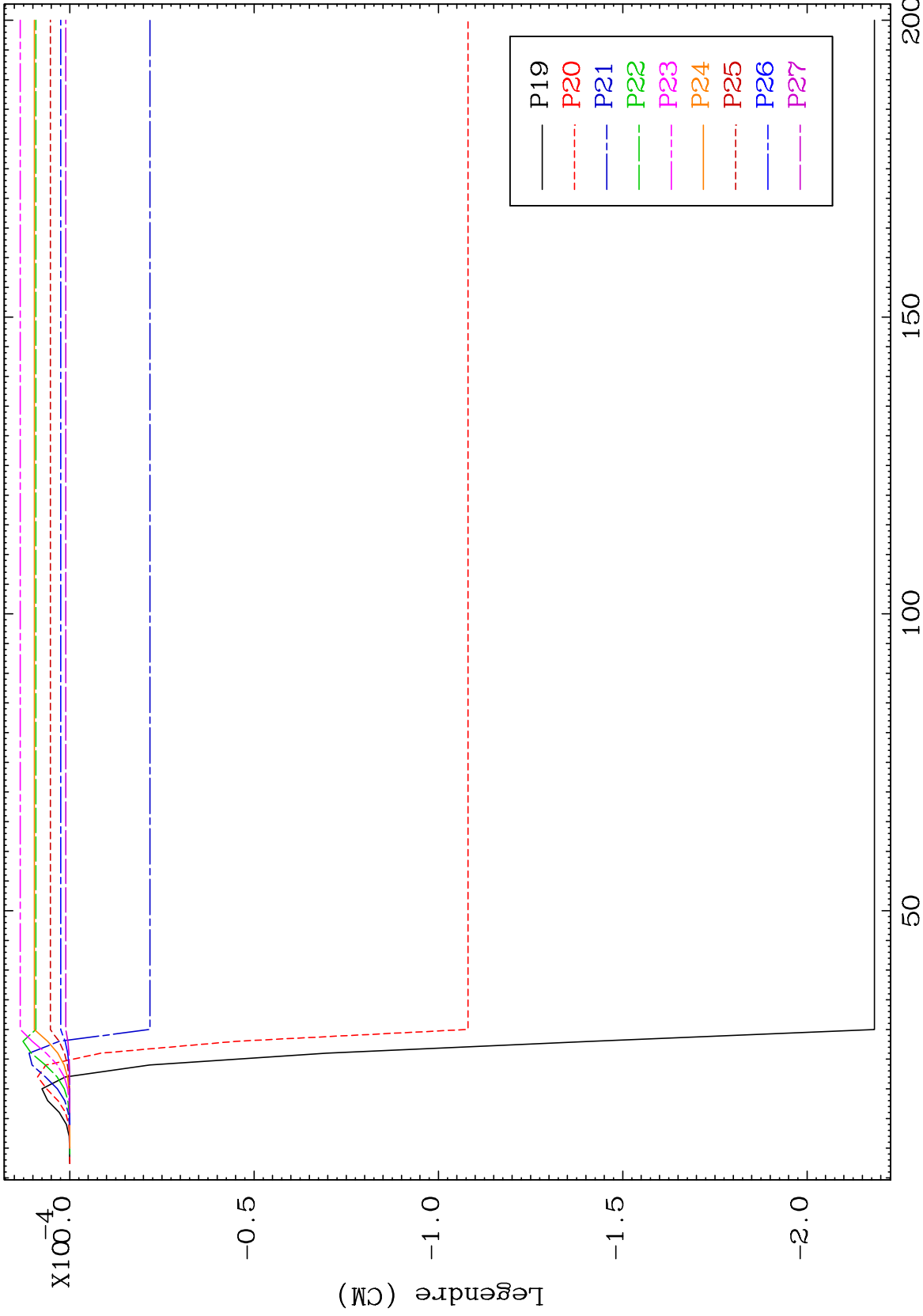
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



82

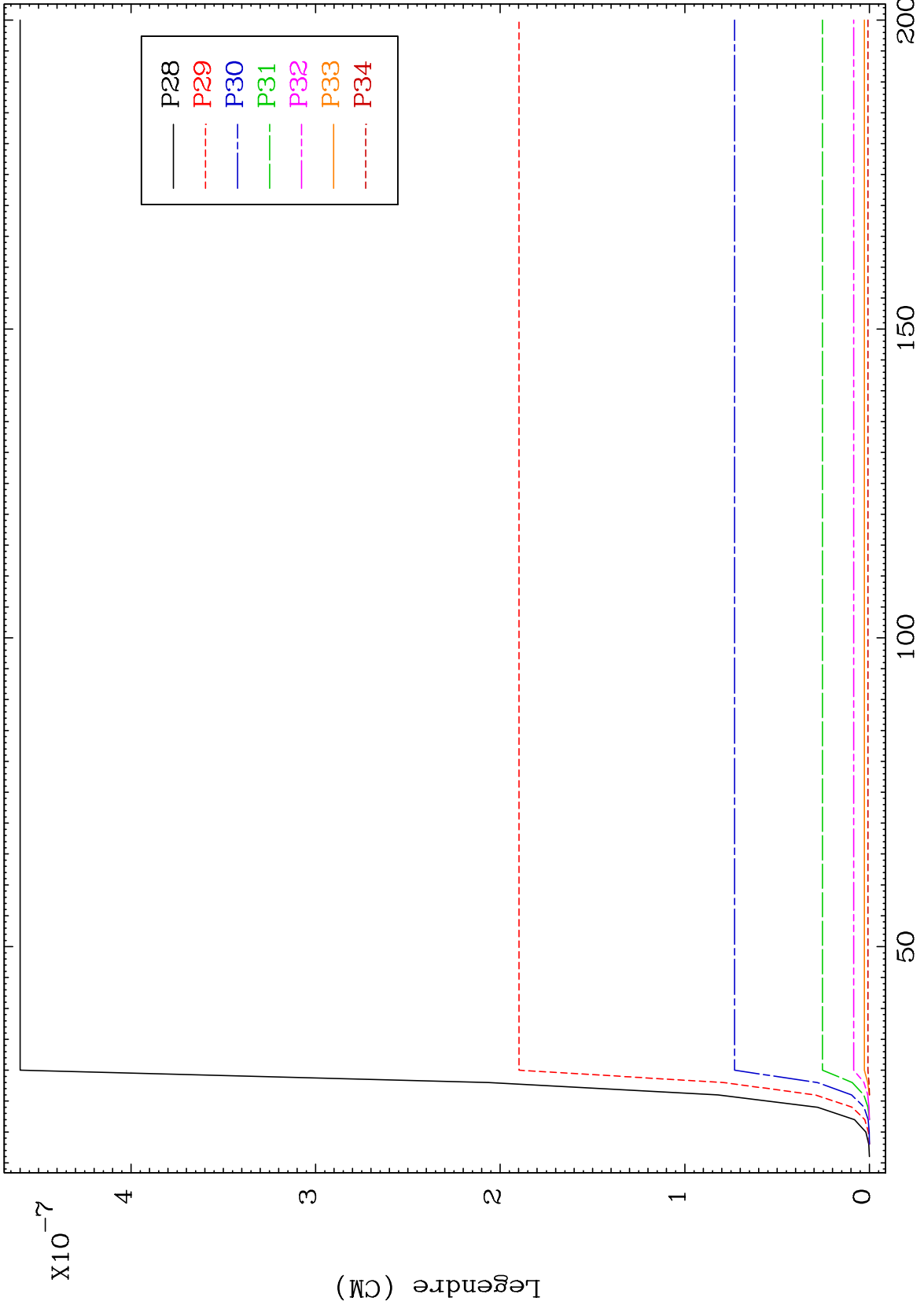
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



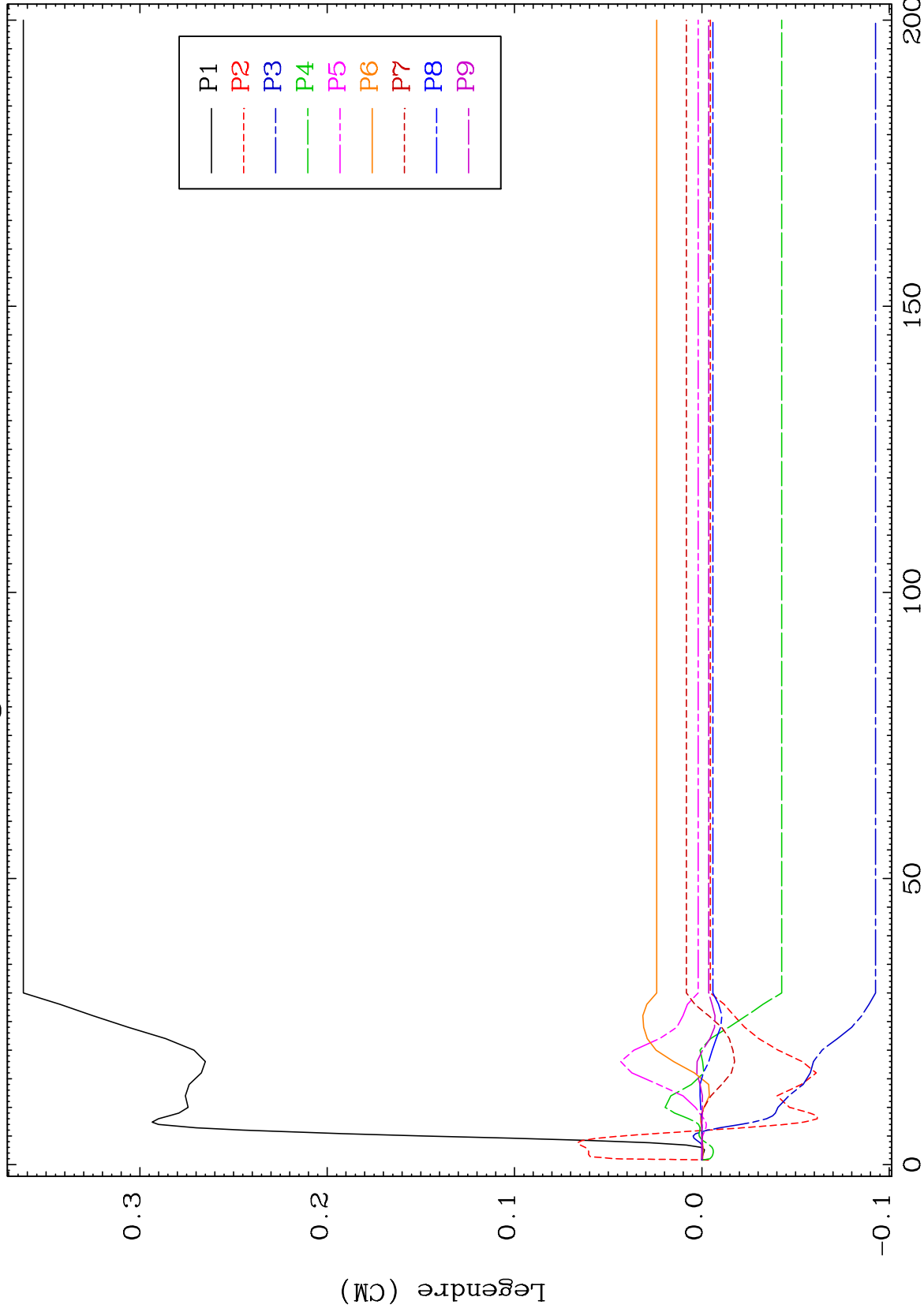
83

58-Ce-127

MAT 5798

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

58-Ce-127



84

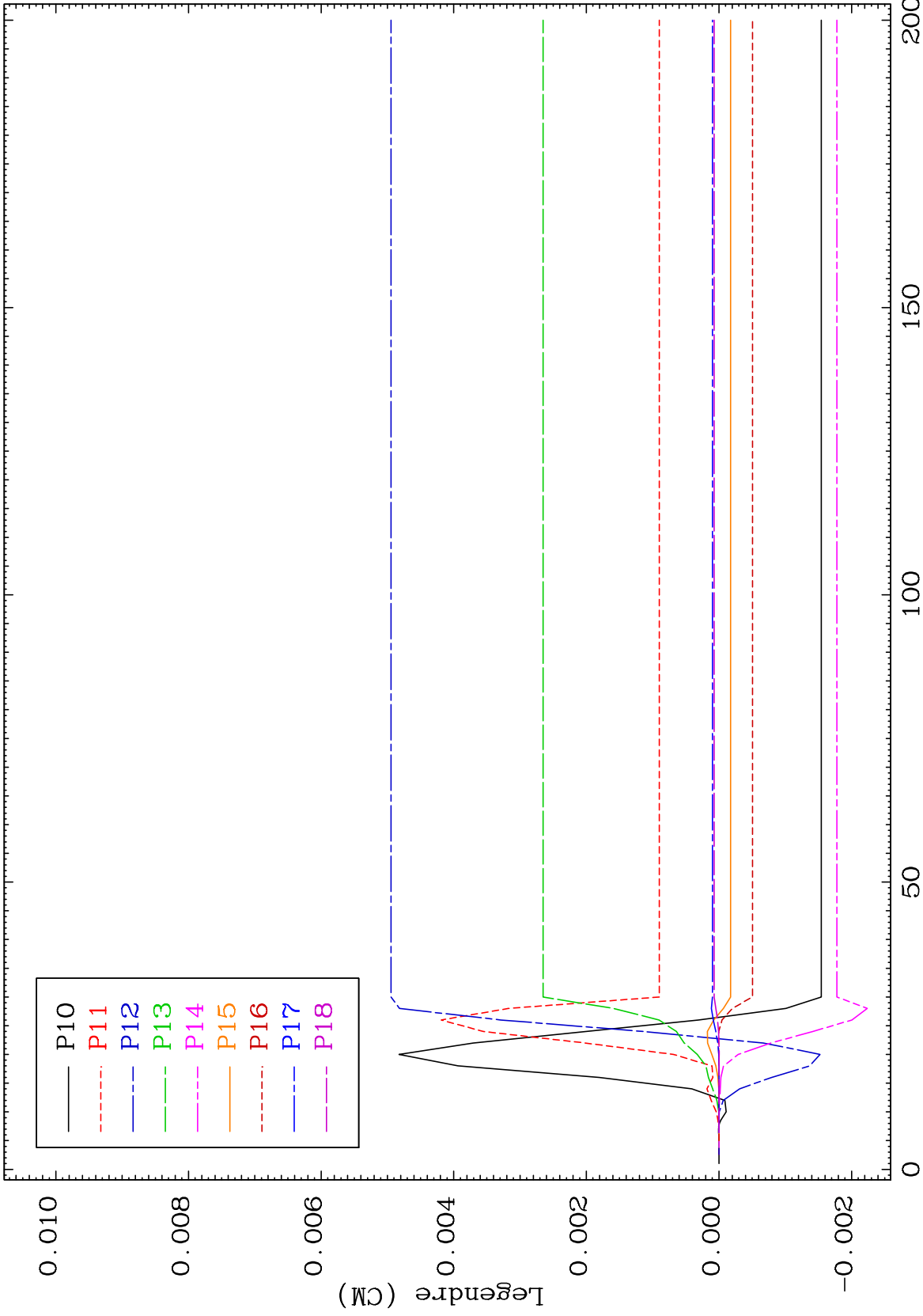
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



85

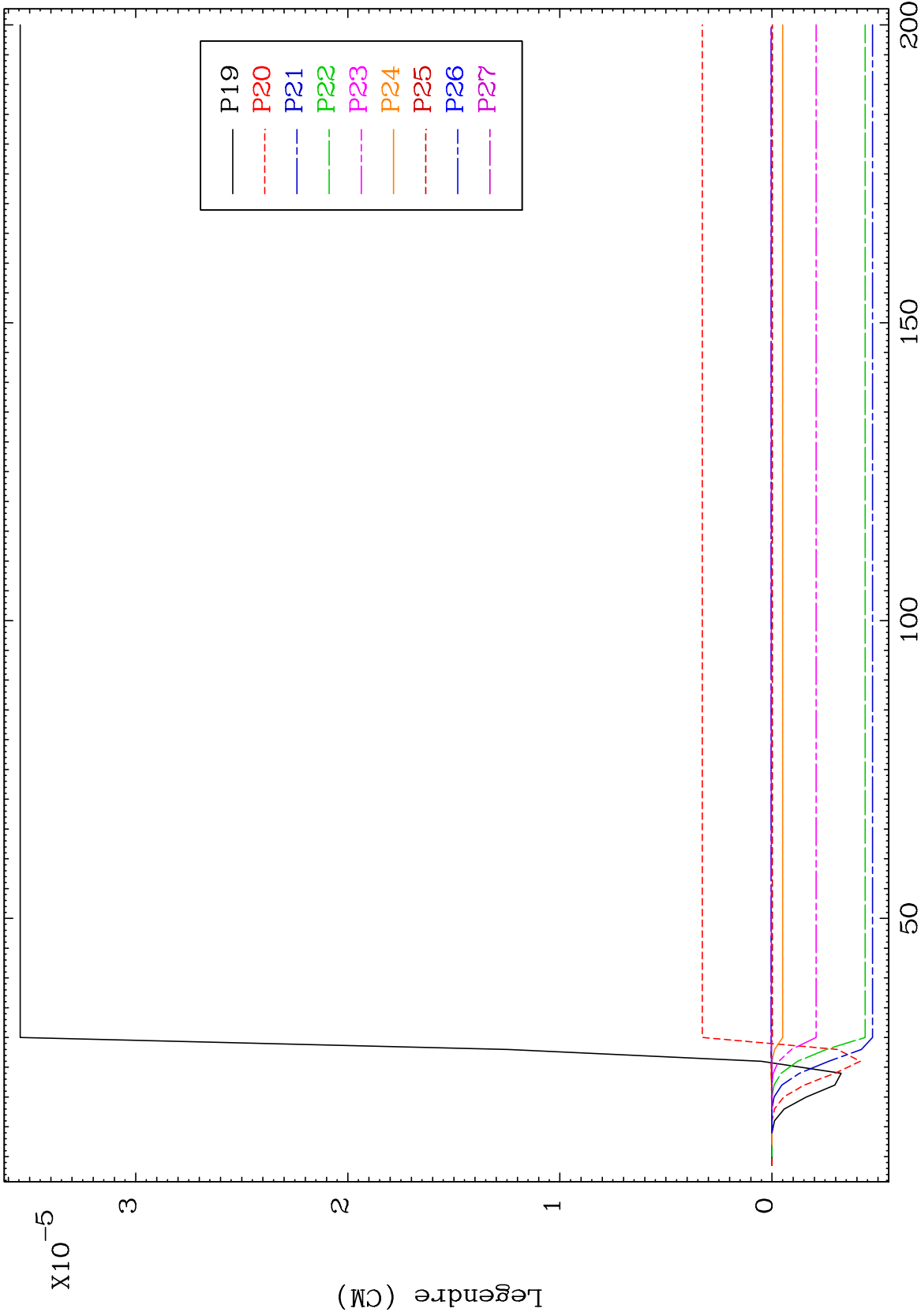
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



86

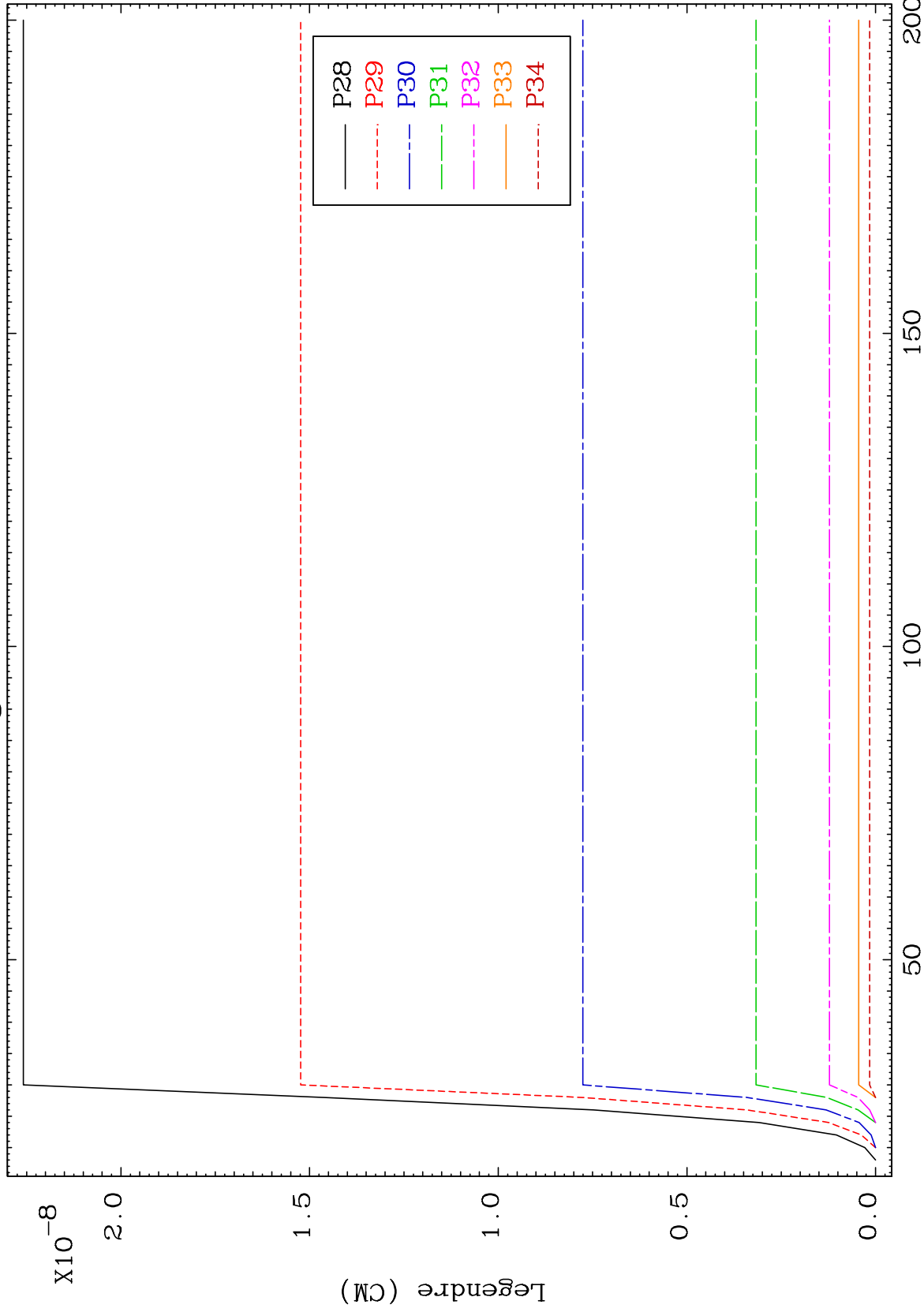
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



87

Incident Energy (MeV)

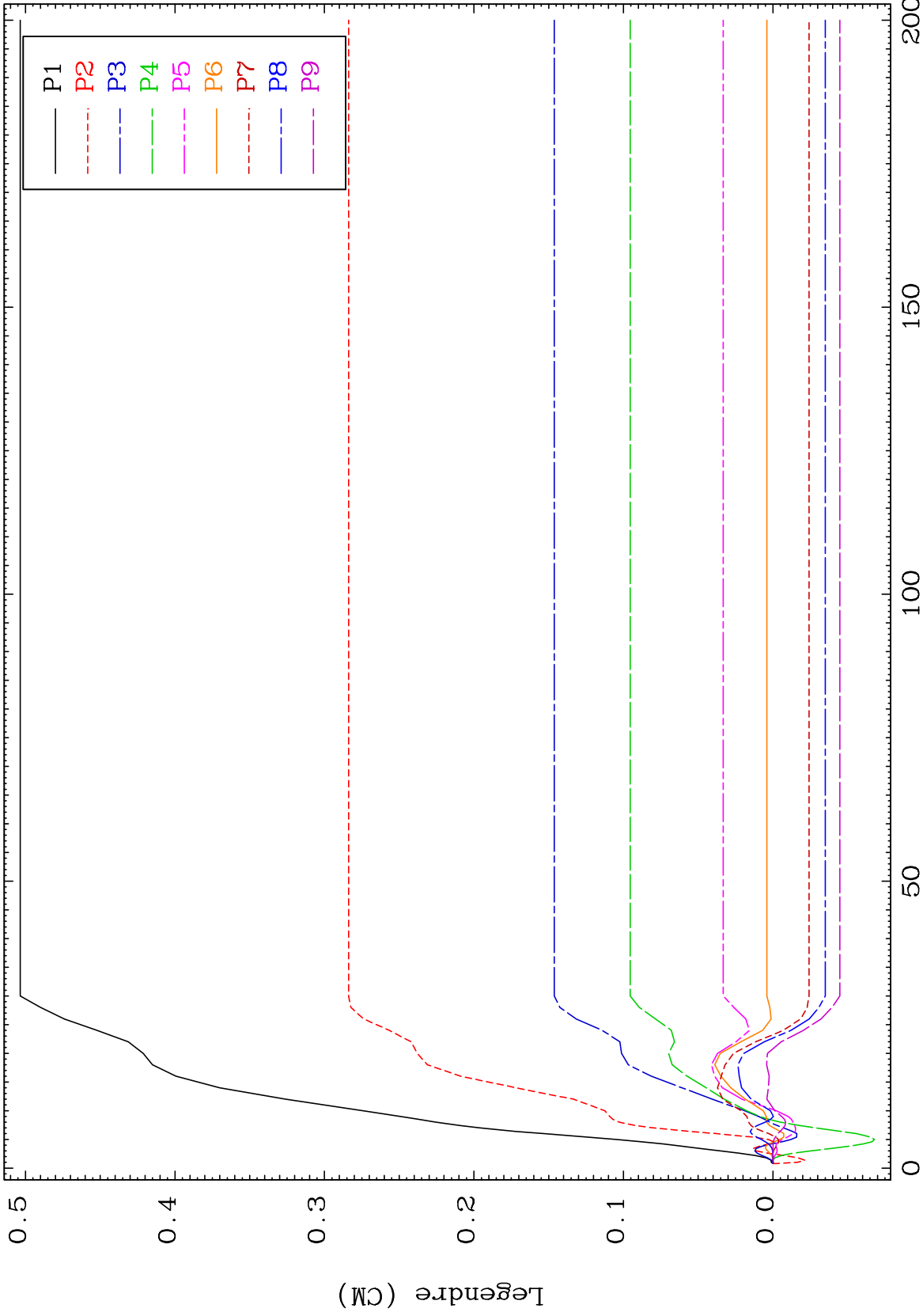
58-Ce-127



MAT 5798

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

58-Ce-127



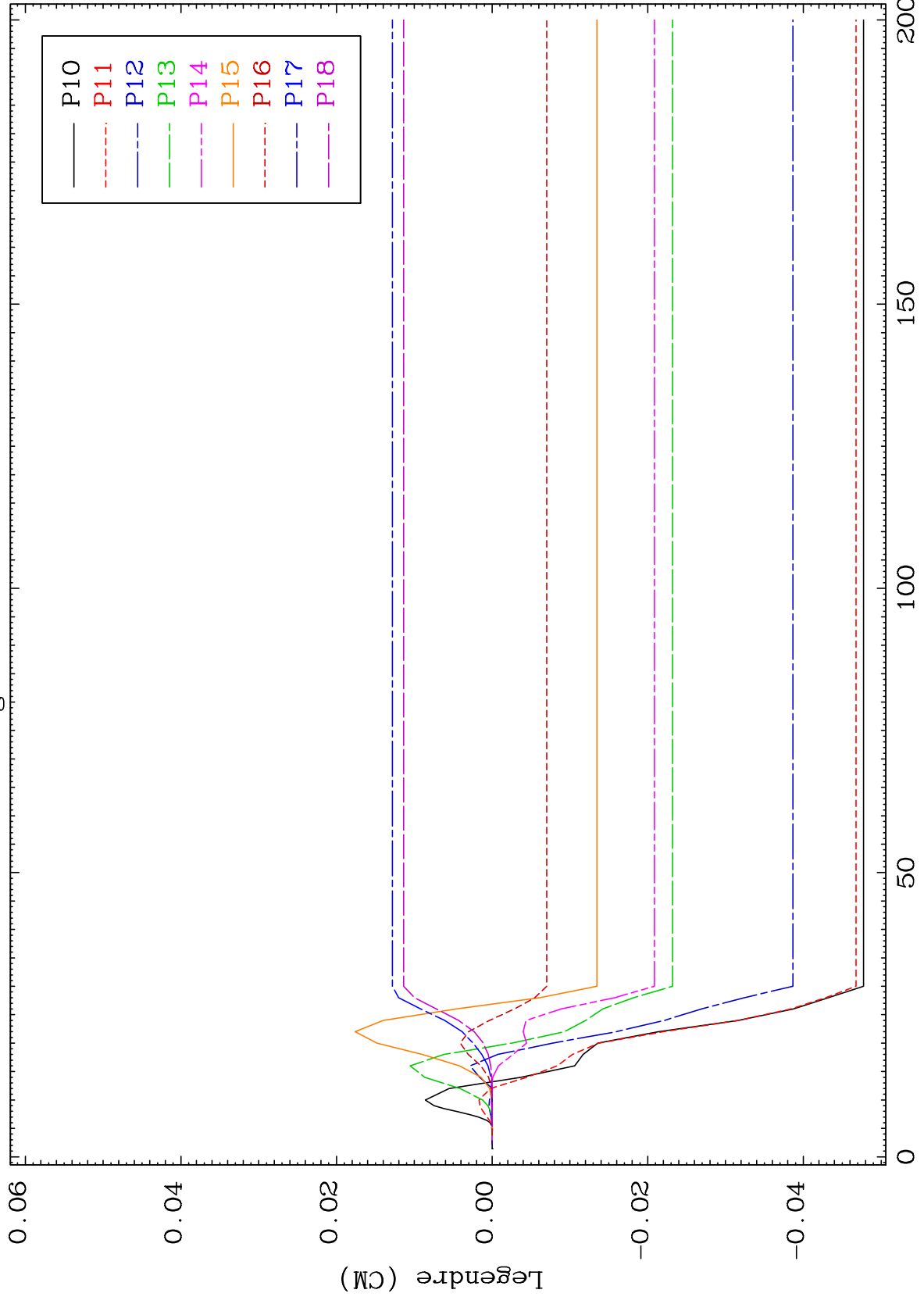
88

58-Ce-127

MAT 5798

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

58-Ce-127



89

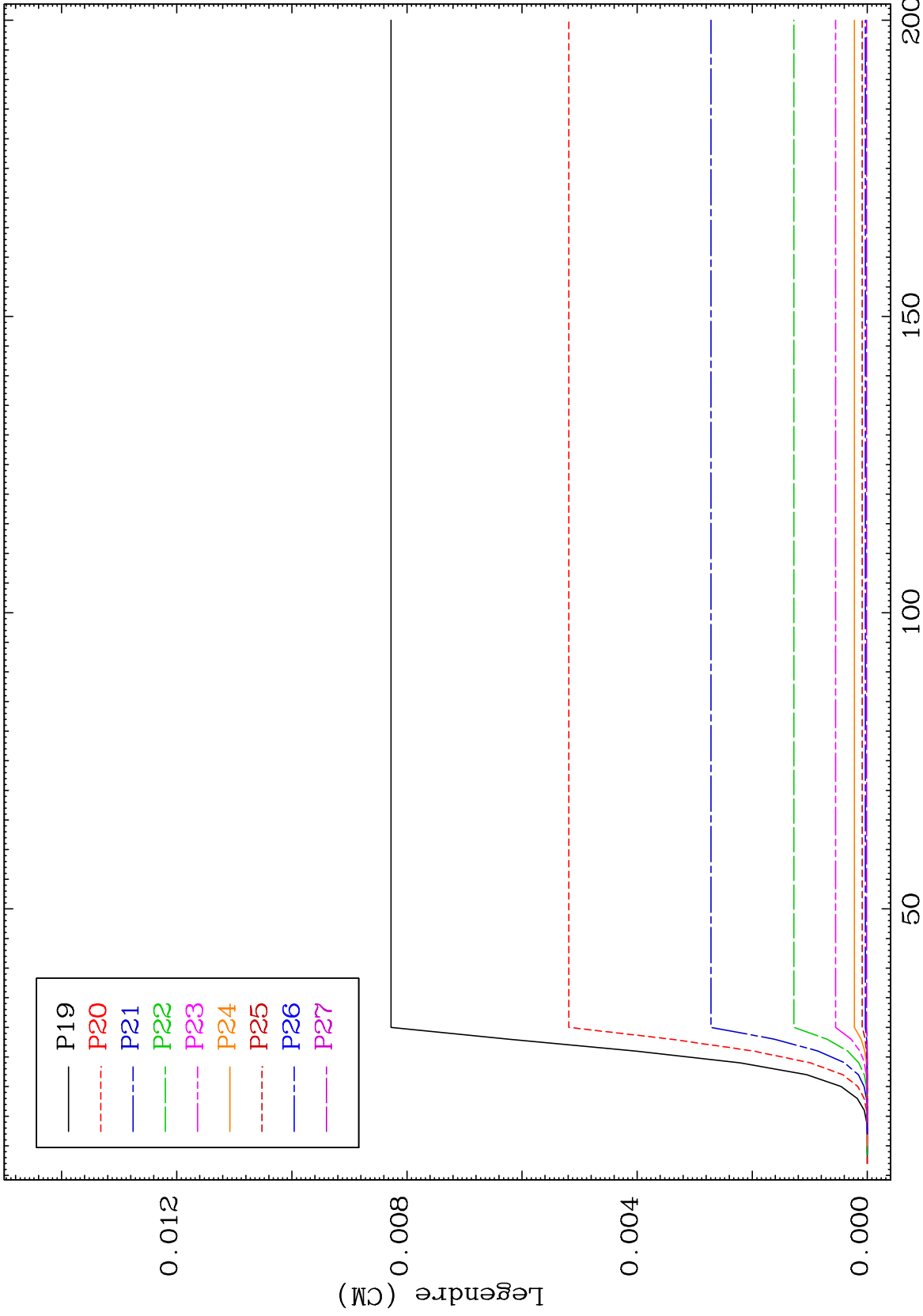
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



90

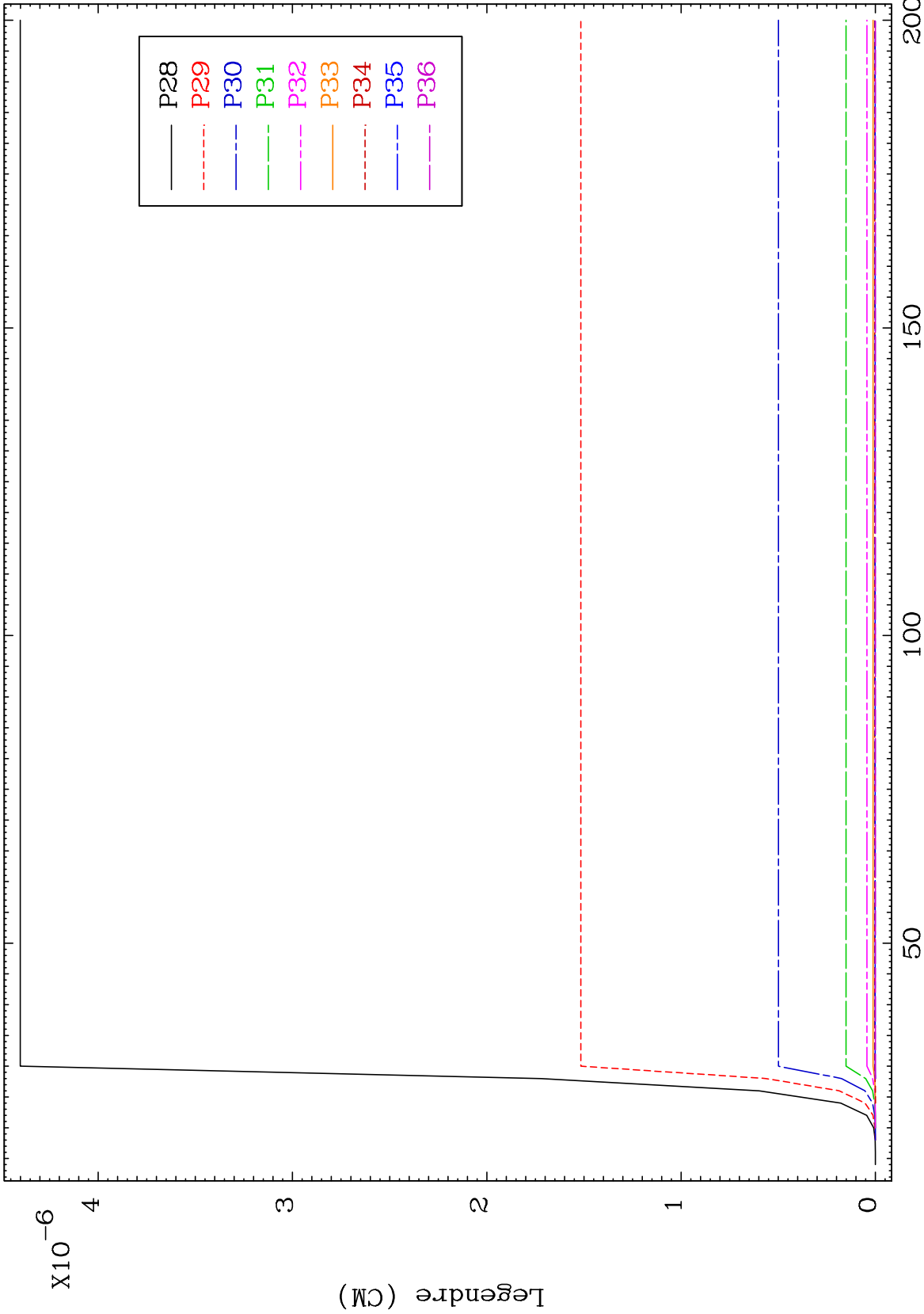
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

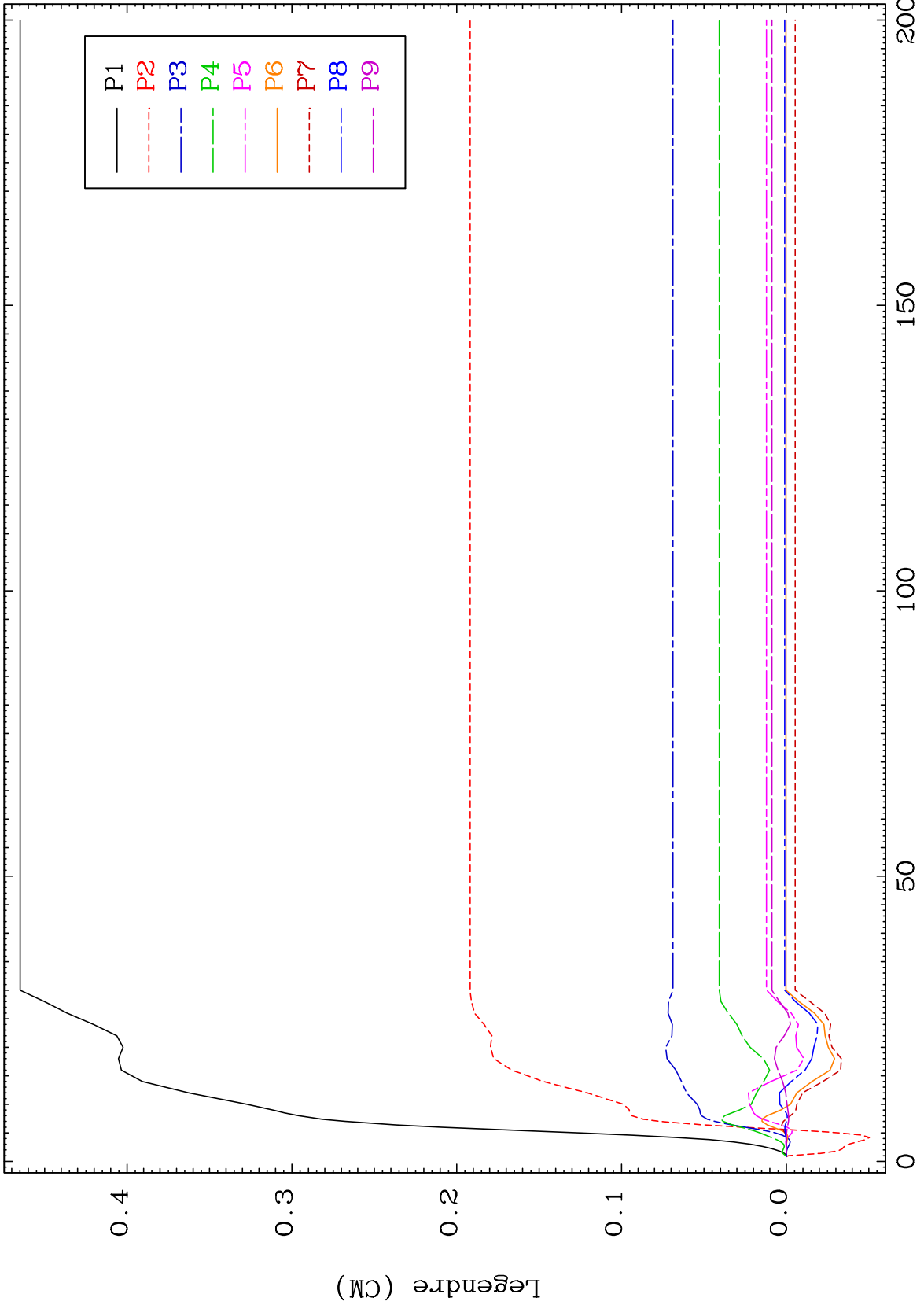
58-Ce-127



MAT 5798

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

58-Ce-127



0

50

100

150

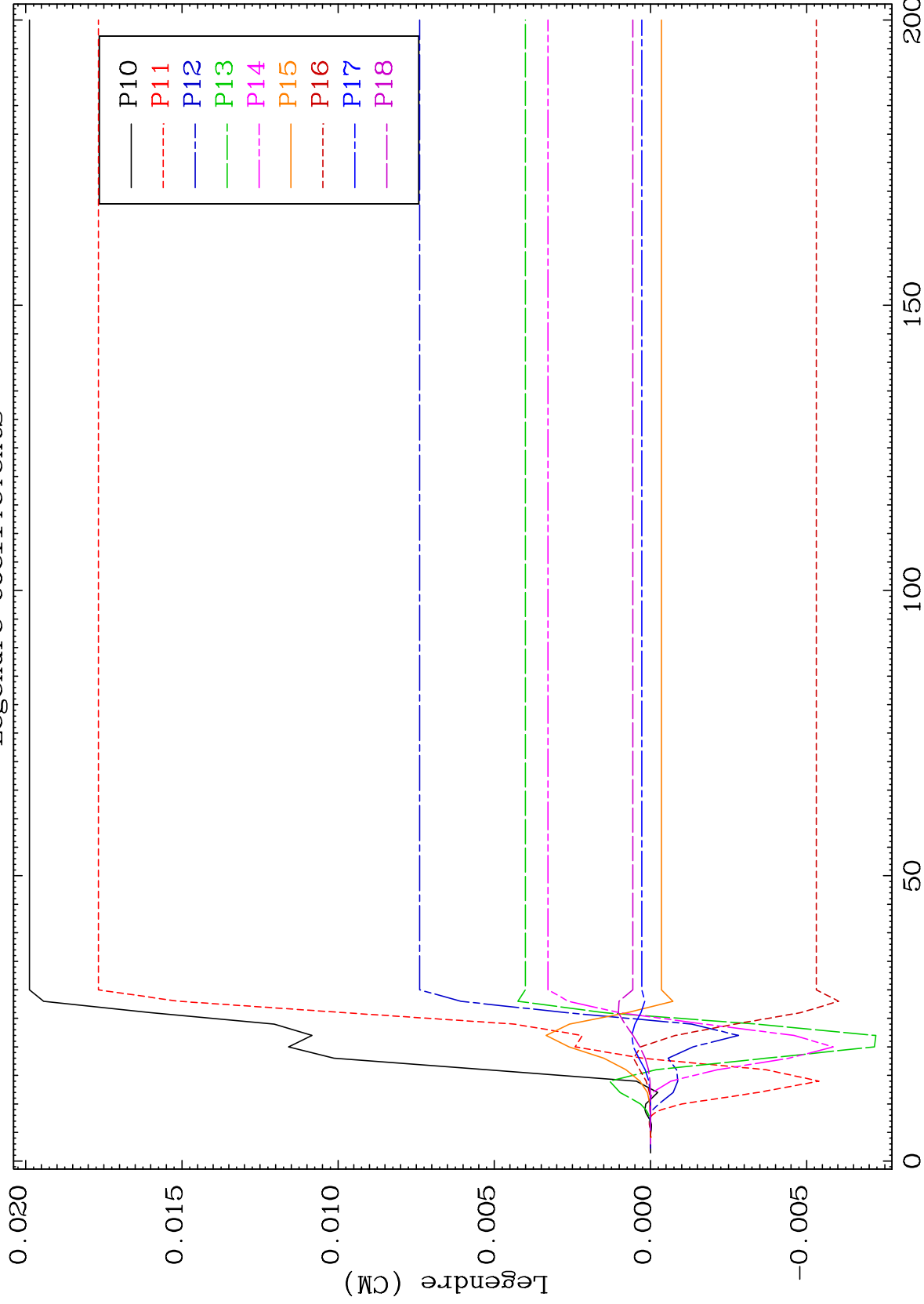
200

58-Ce-127

MAT 5798

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

58-Ce-127



93

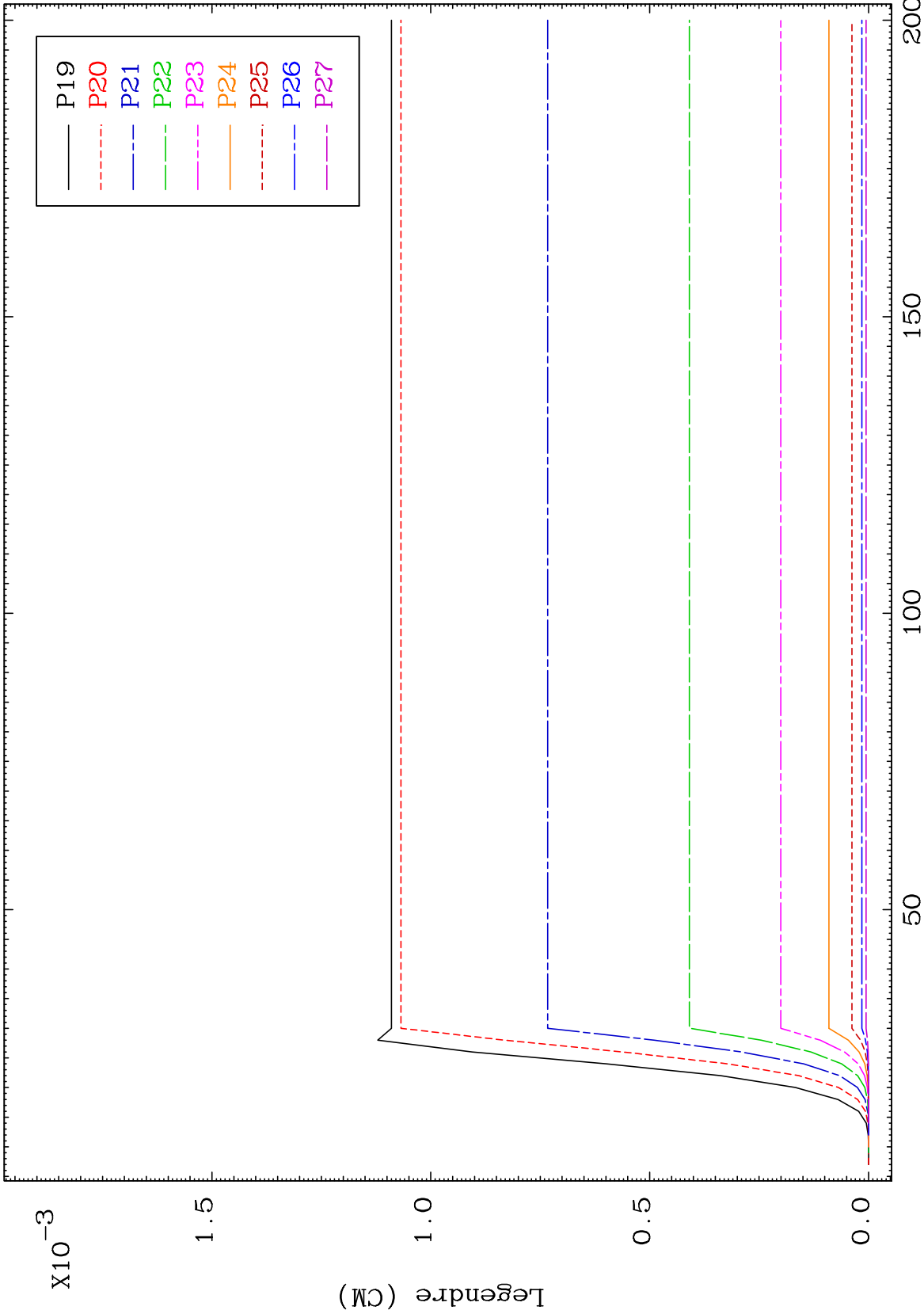
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



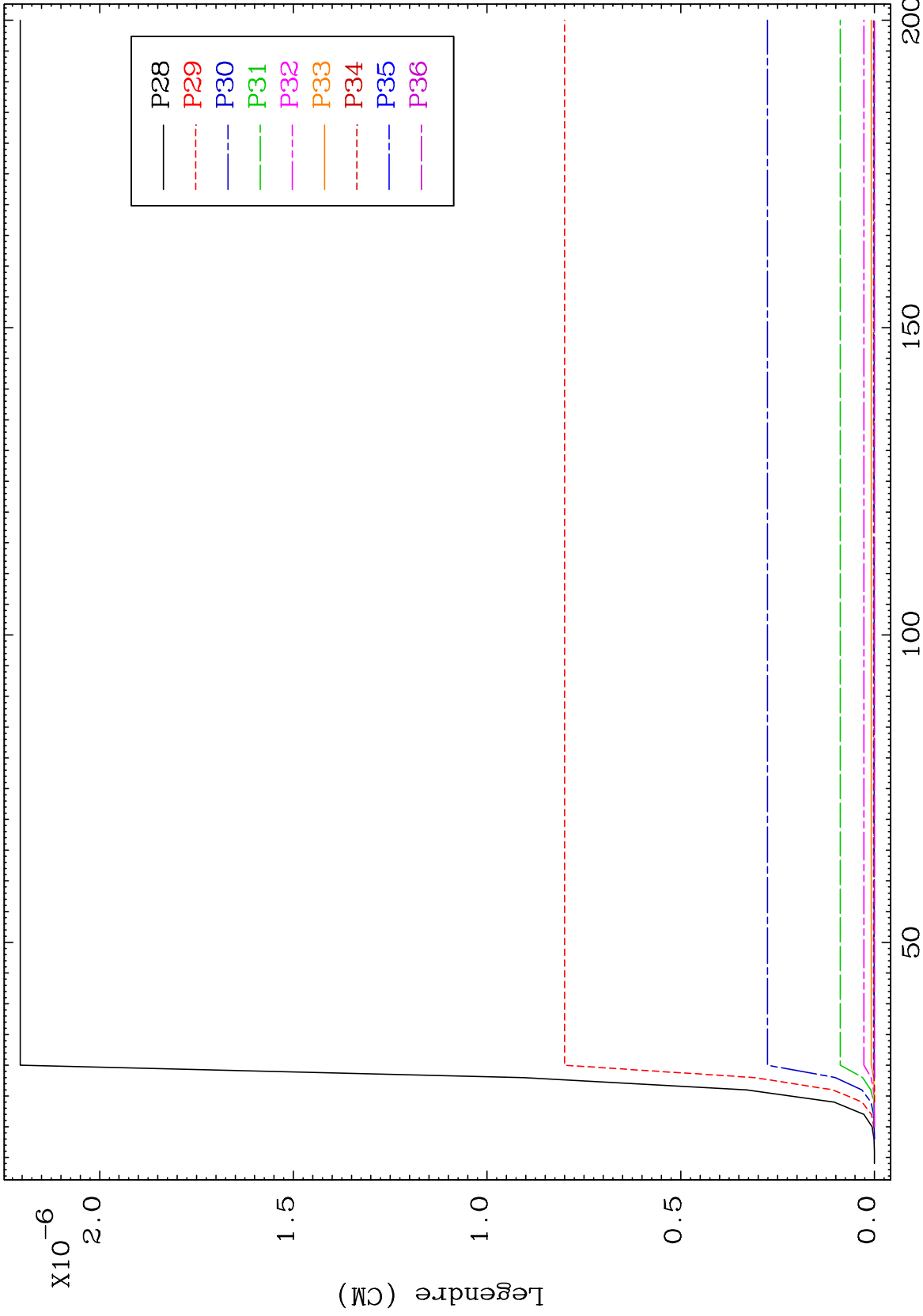
94

58-Ce-127

MAT 5798

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

58-Ce-127



95

Incident Energy (MeV)

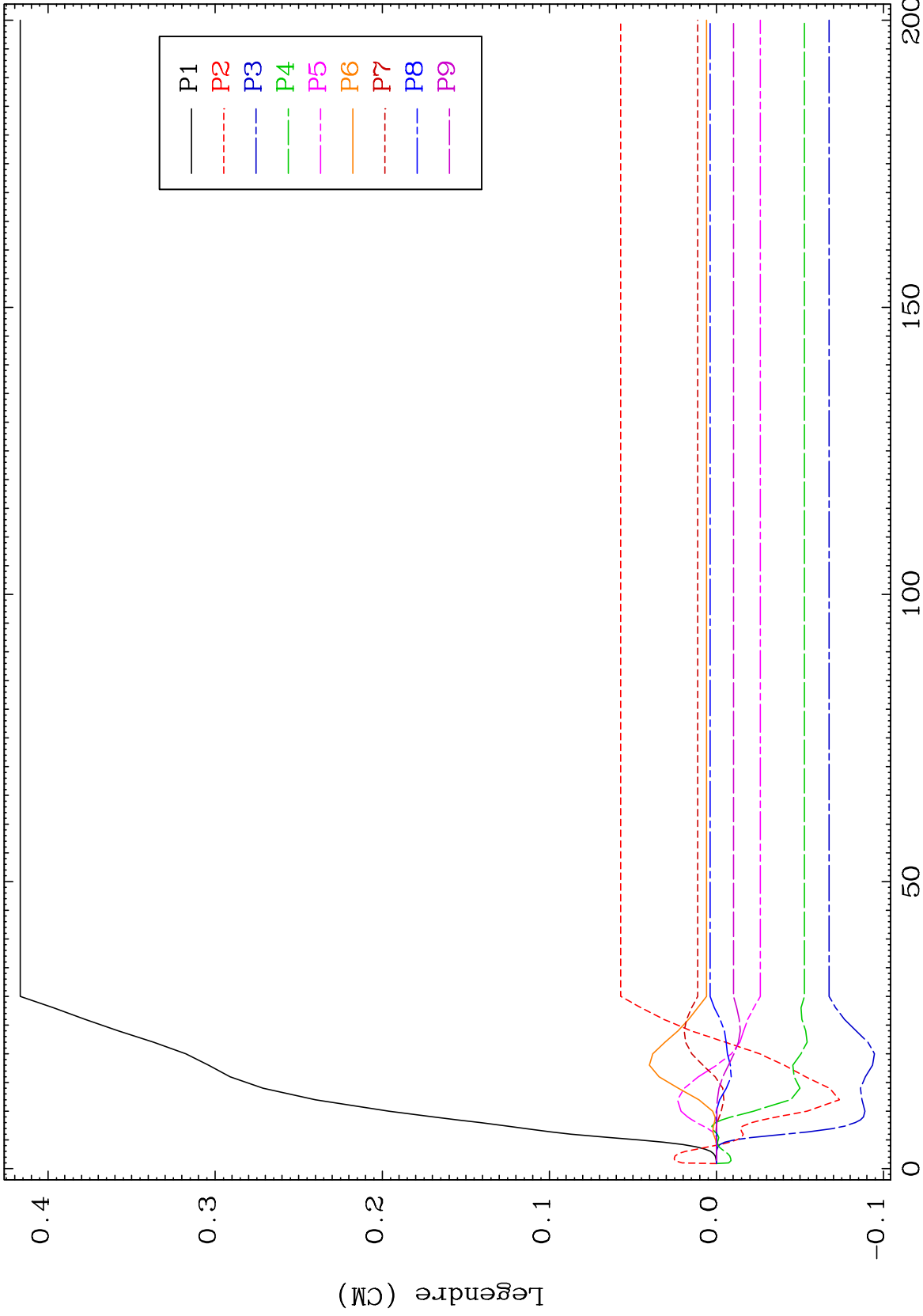
58-Ce-127



MAT 5798

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

58-Ce-127



96

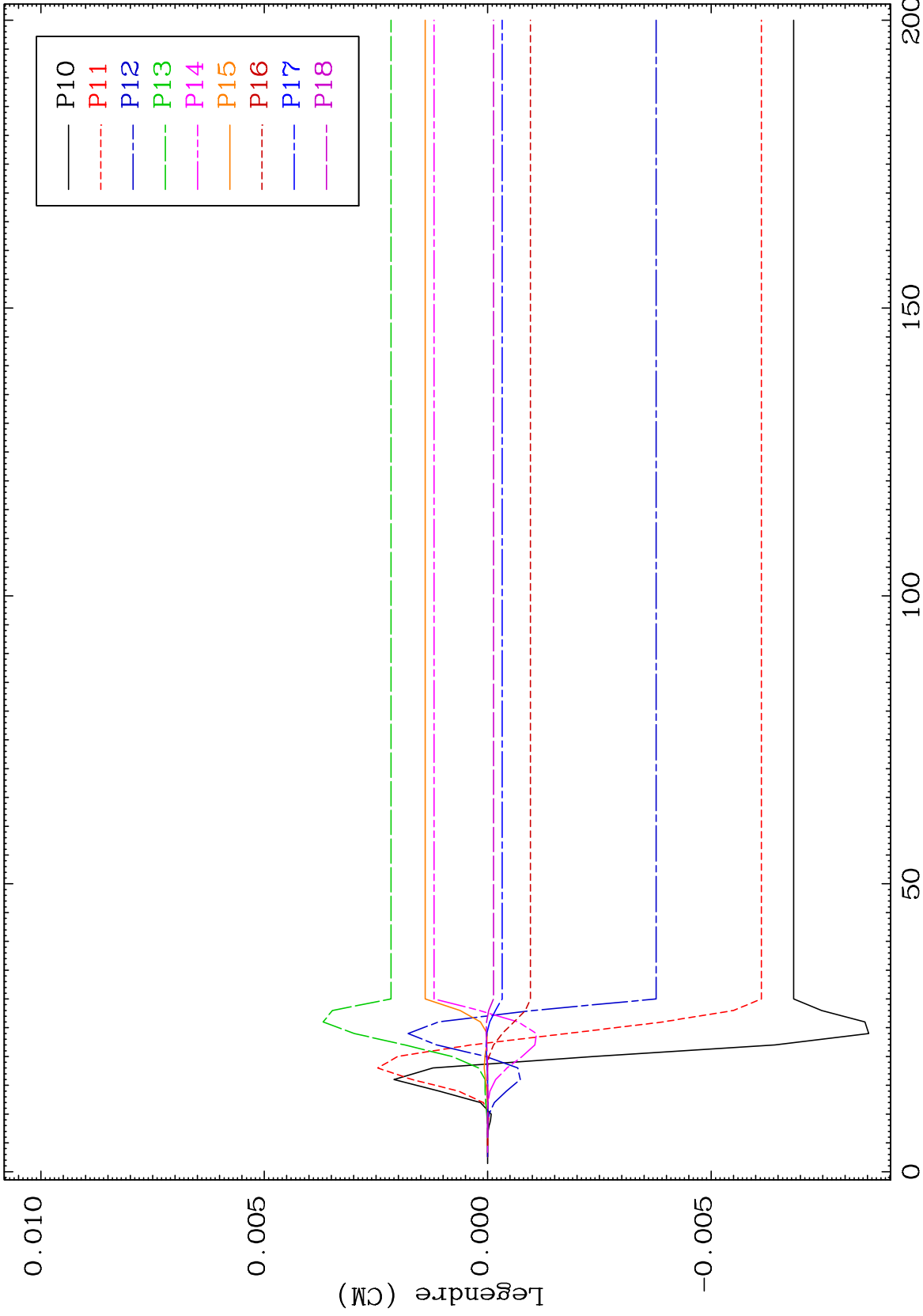
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



97

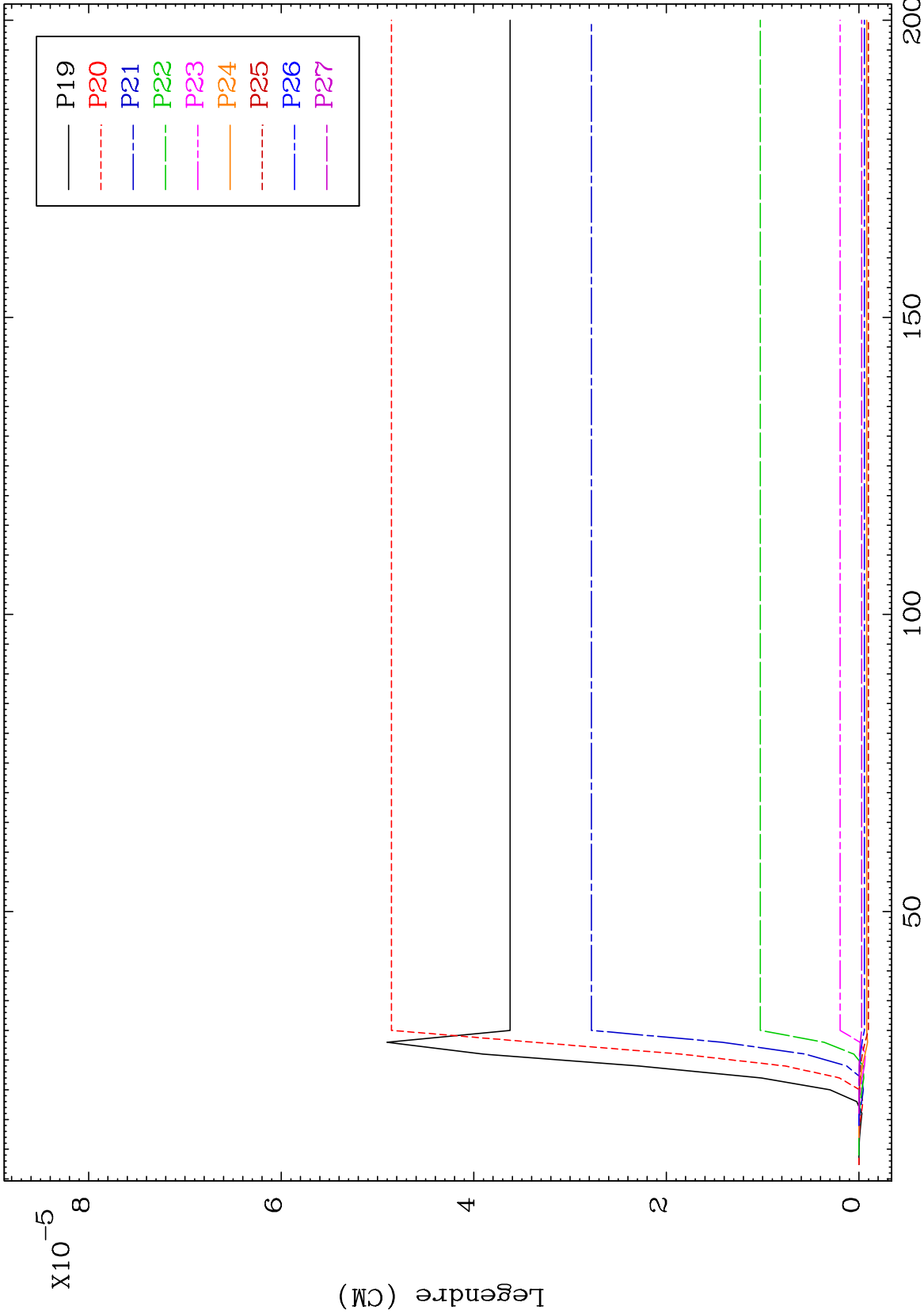
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



98

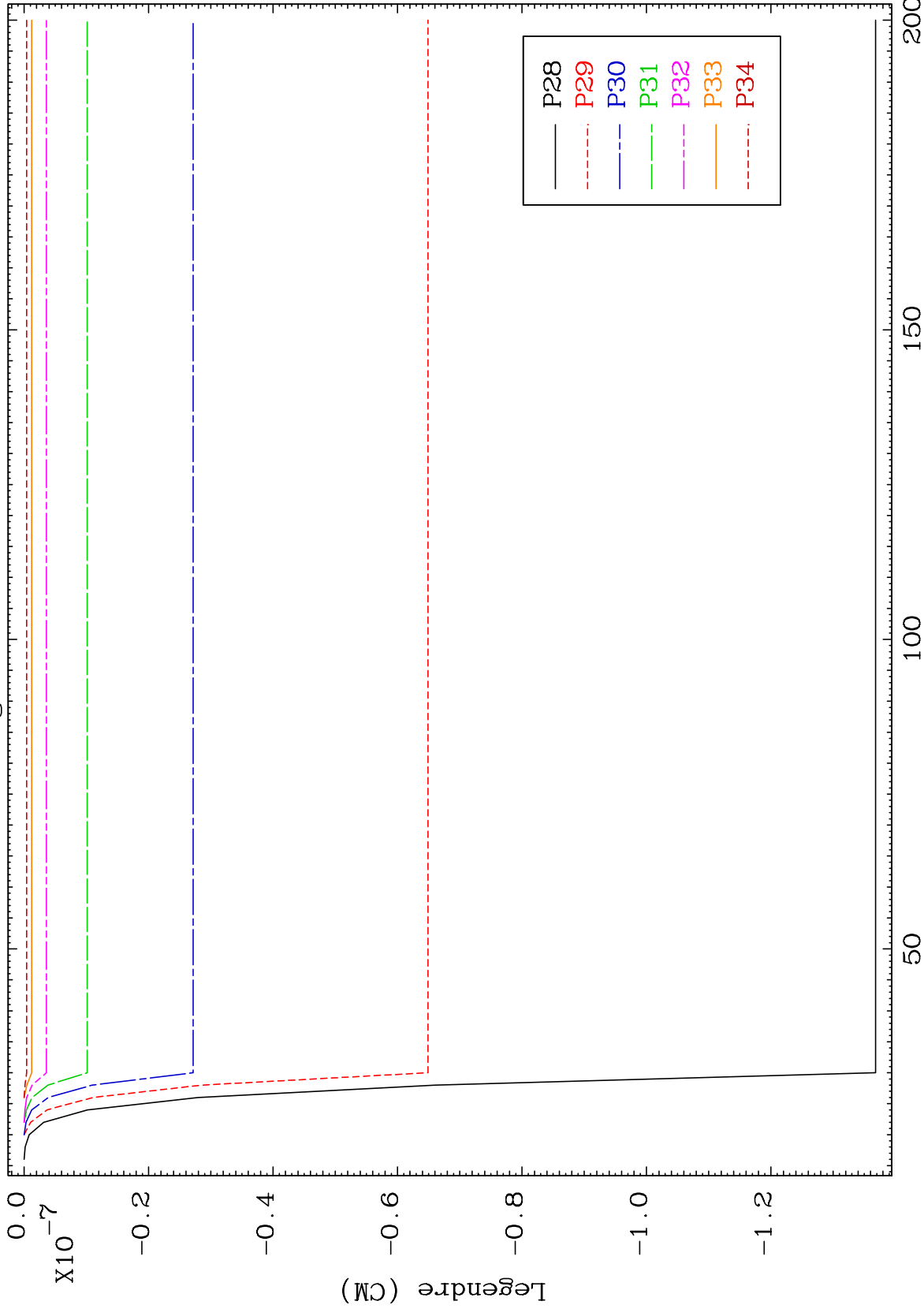
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



58-Ce-127

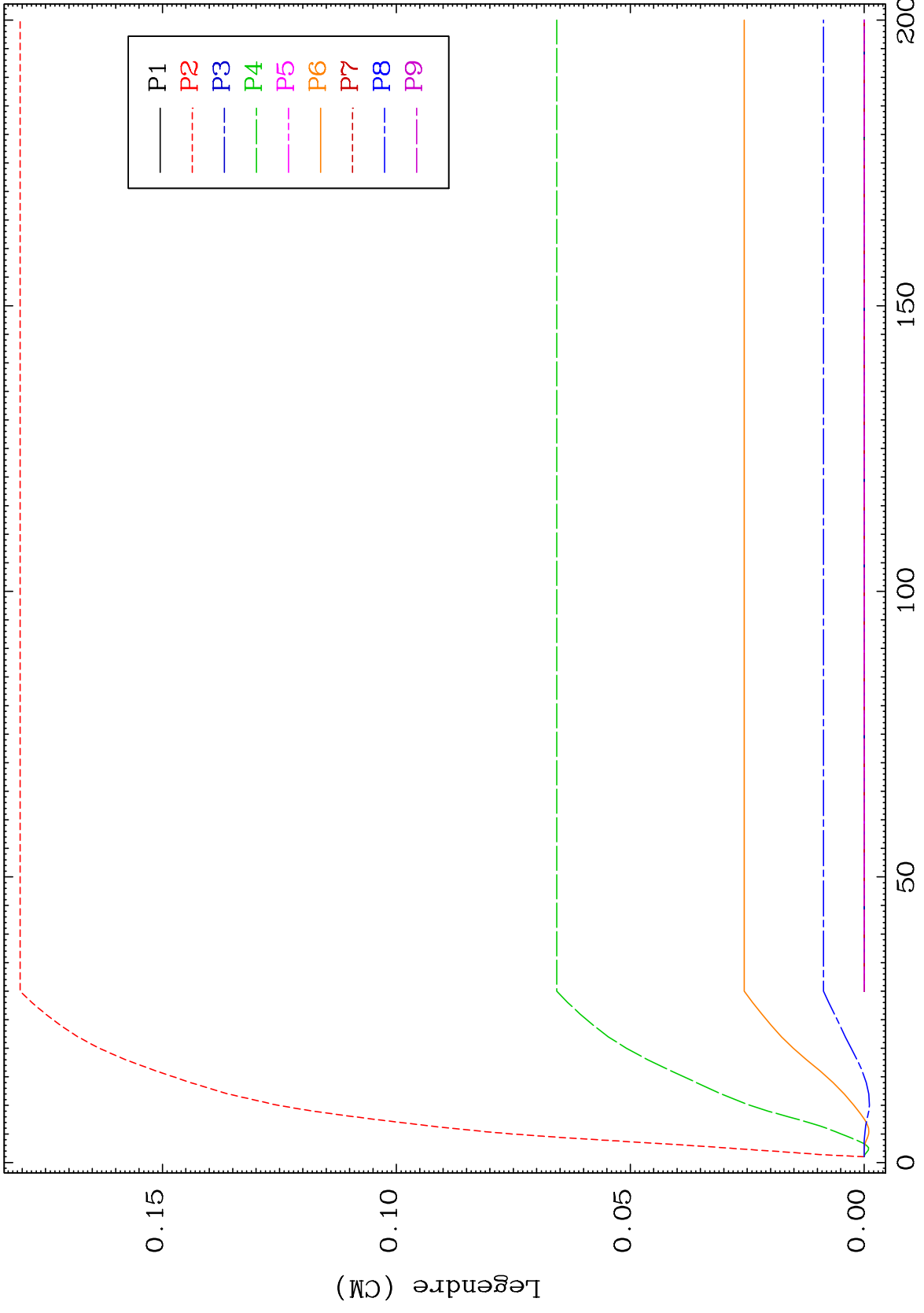
Incident Energy (MeV)

99

MAT 5798

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

58-Ce-127



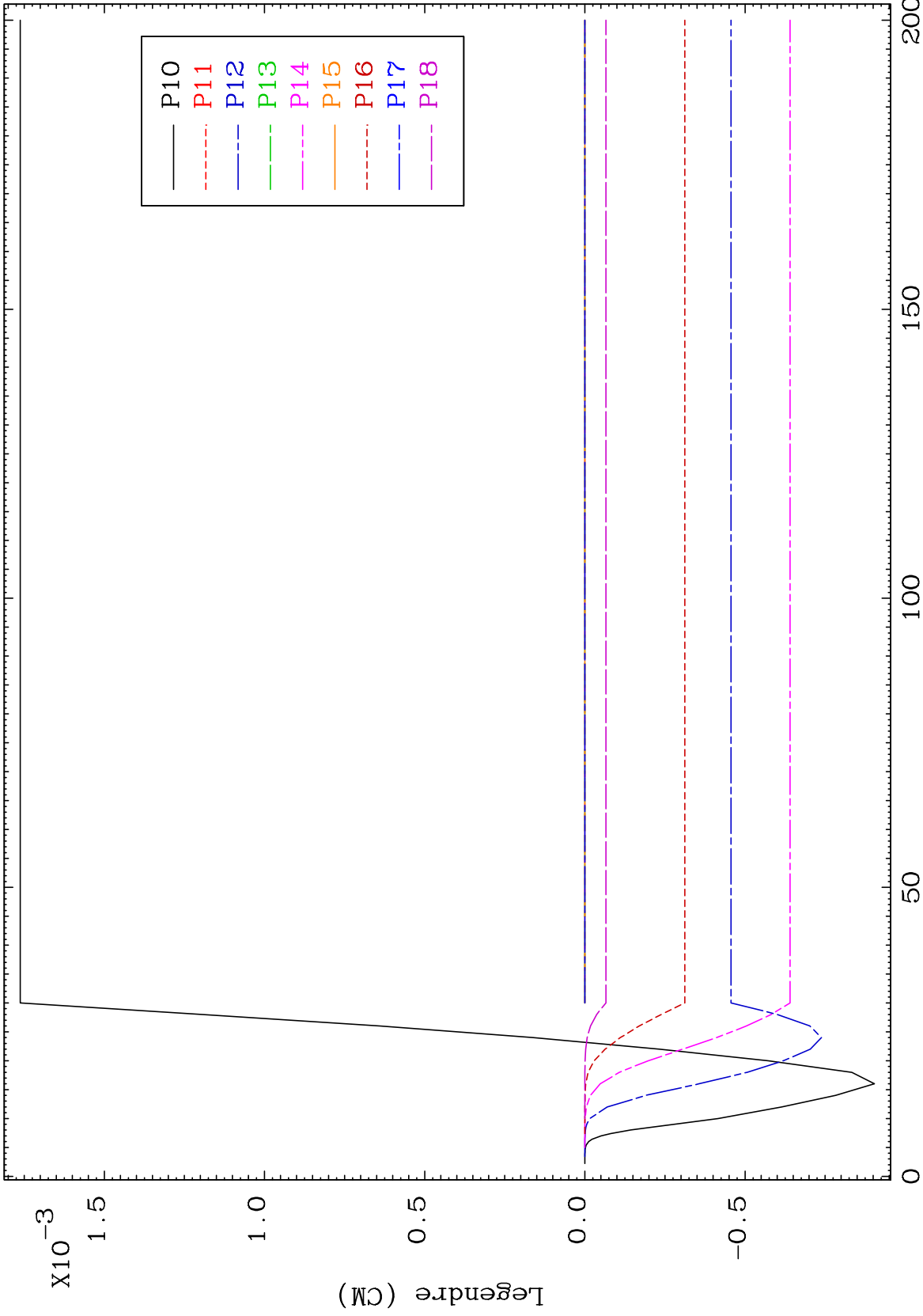
58-Ce-127

Incident Energy (MeV)

MAT 5798

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

58-Ce-127



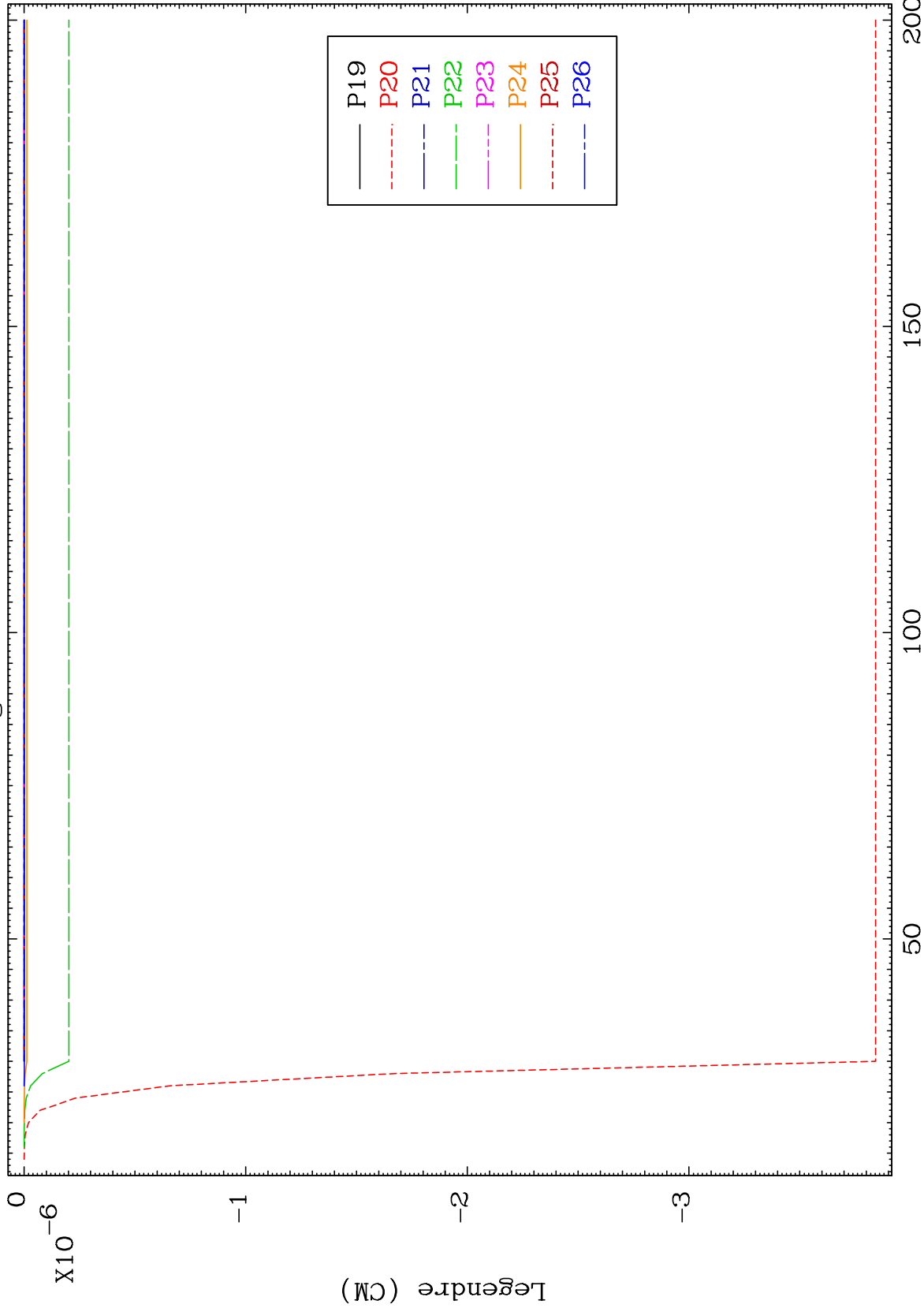
101

58-Ce-127

MAT 5798

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

58-Ce-127



102

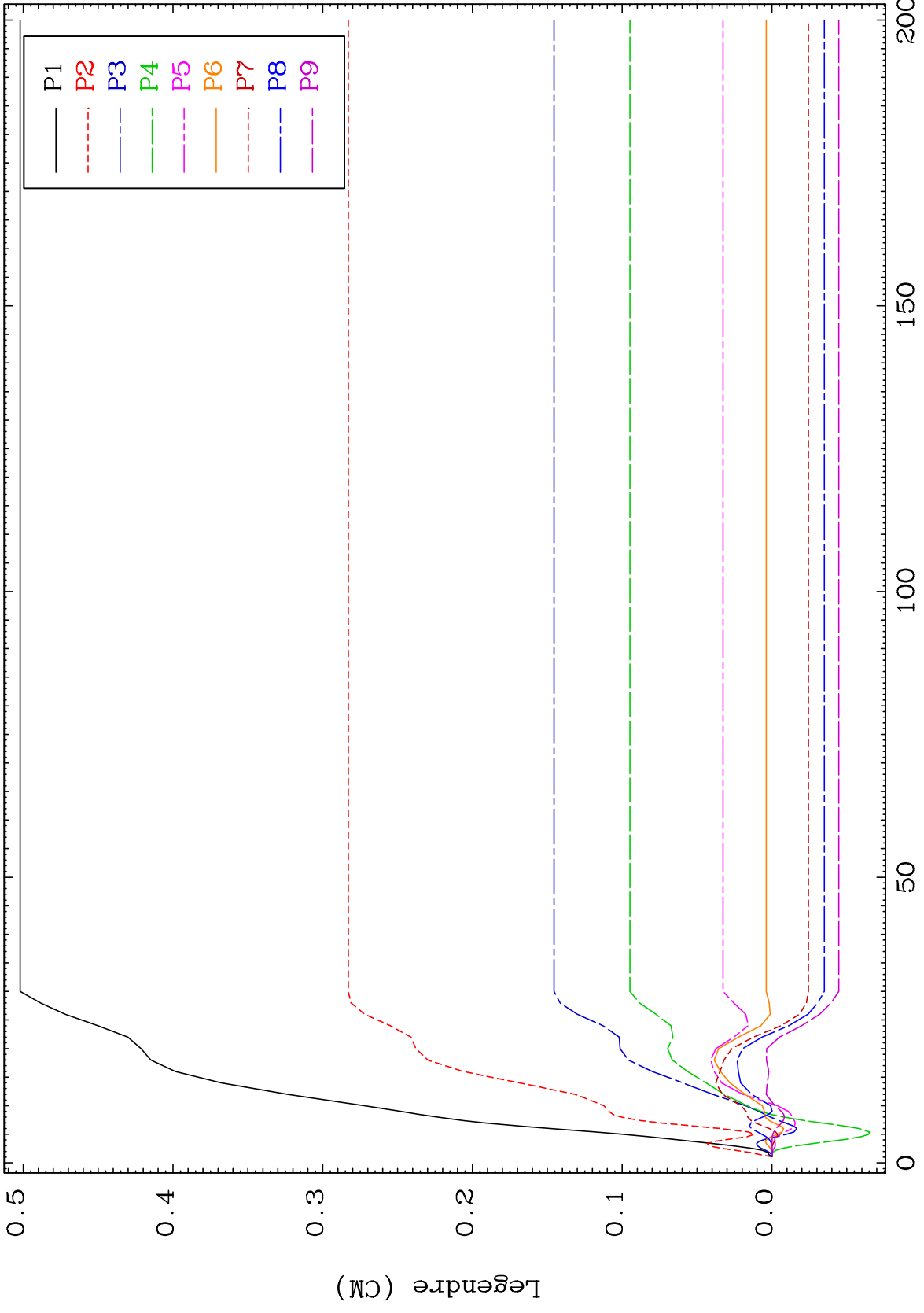
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



103

Incident Energy (MeV)

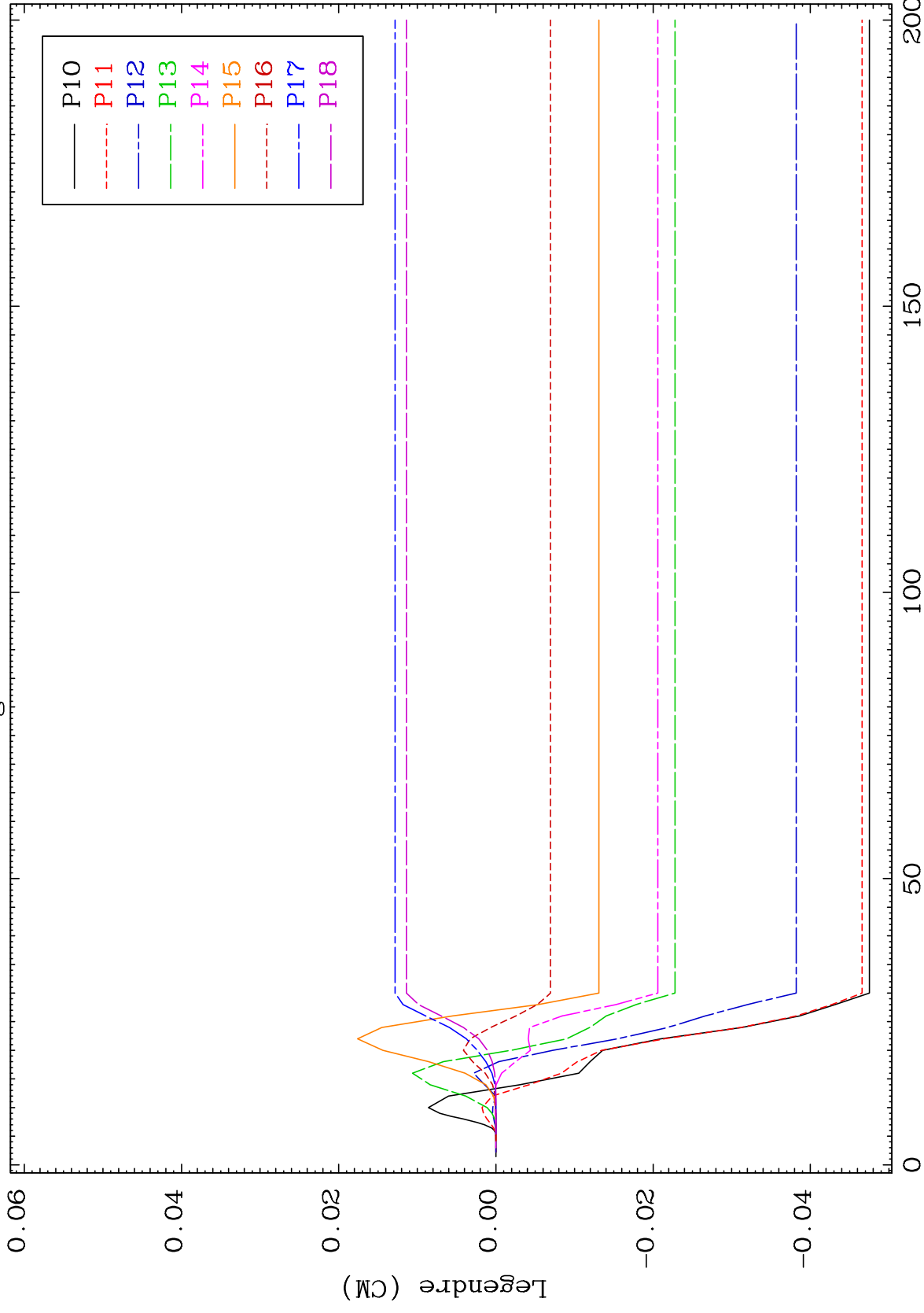
58-Ce-127



MAT 5798

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

58-Ce-127



104

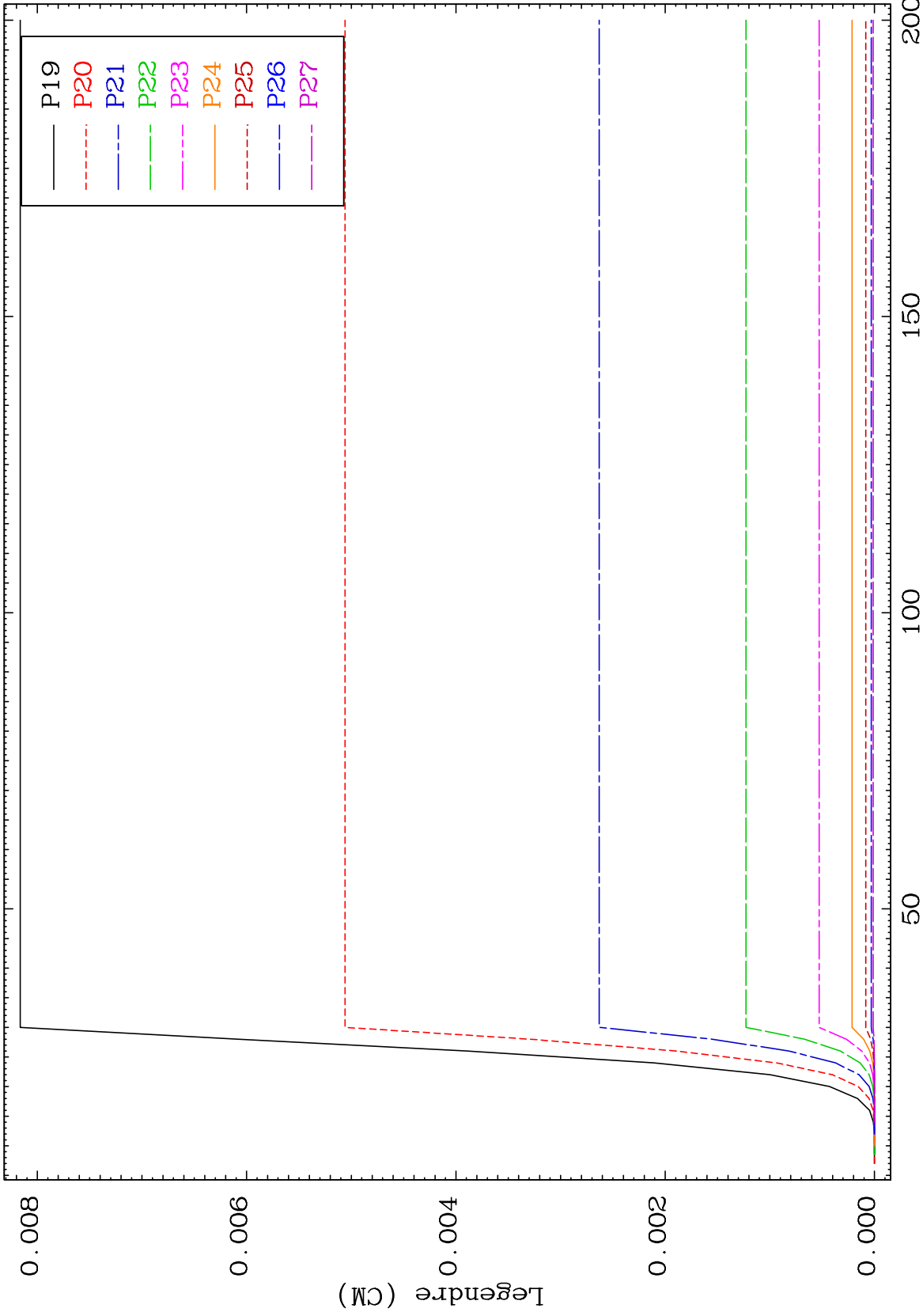
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



105

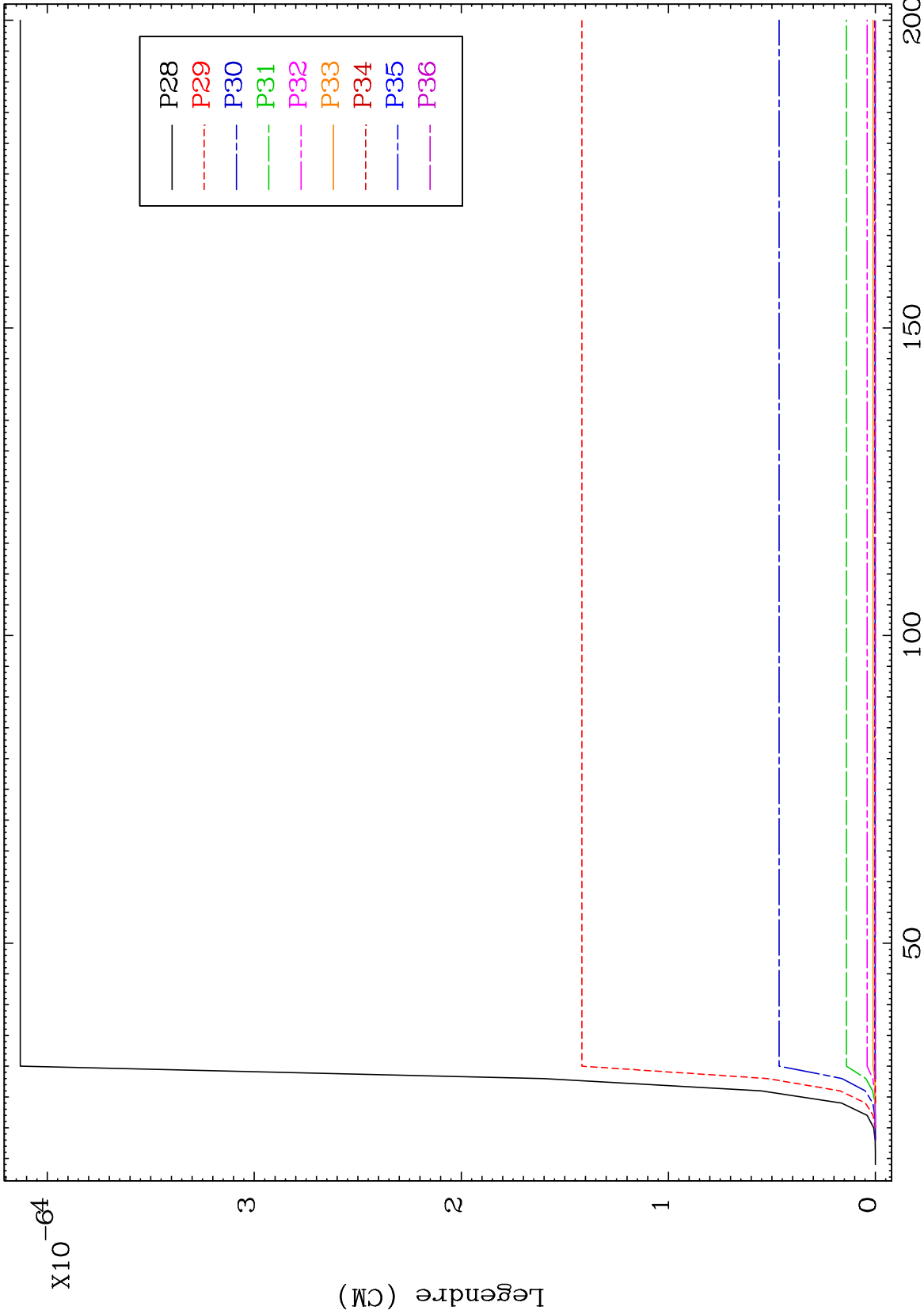
Incident Energy (MeV)

58-Ce-127

MAT 5798

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

58-Ce-127



106

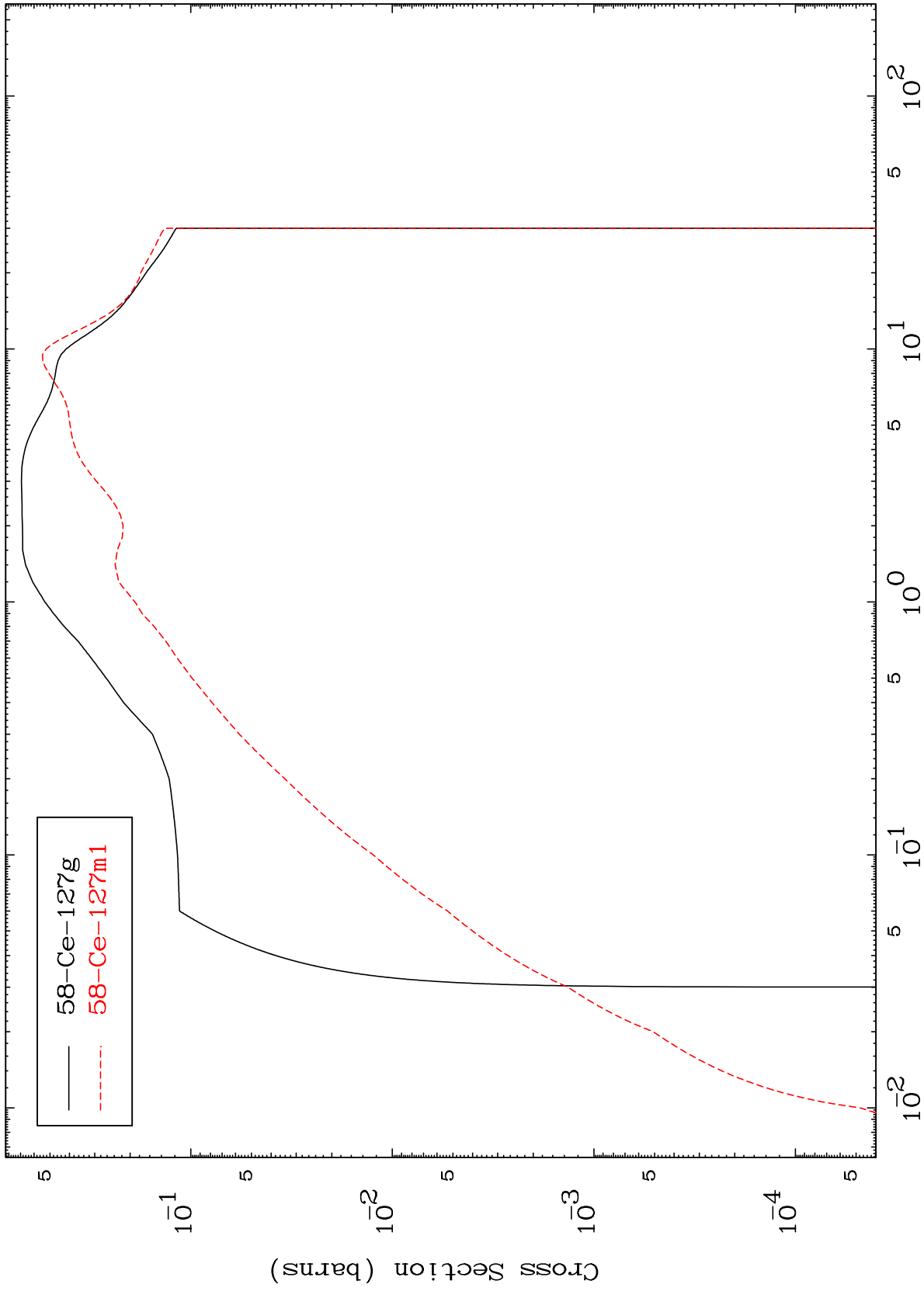
Incident Energy (MeV)

58-Ce-127

MAT 5798

# Inelastic Radionuclide Production Cross Section

58-Ce-127



107

Incident Energy (MeV)

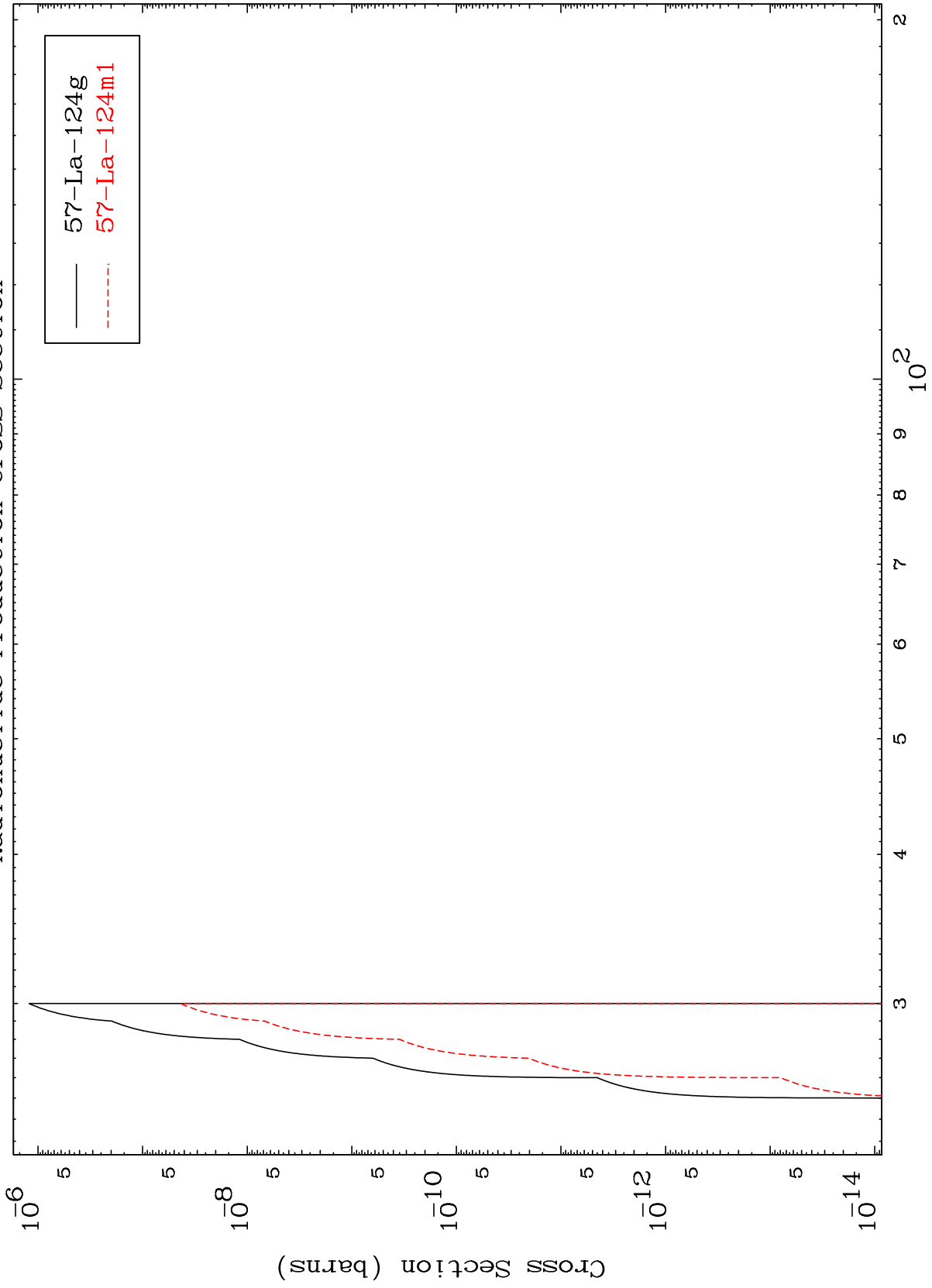
58-Ce-127

MAT 5798

(n,2n) d

58-Ce-127

Radionuclide Production Cross Section



108

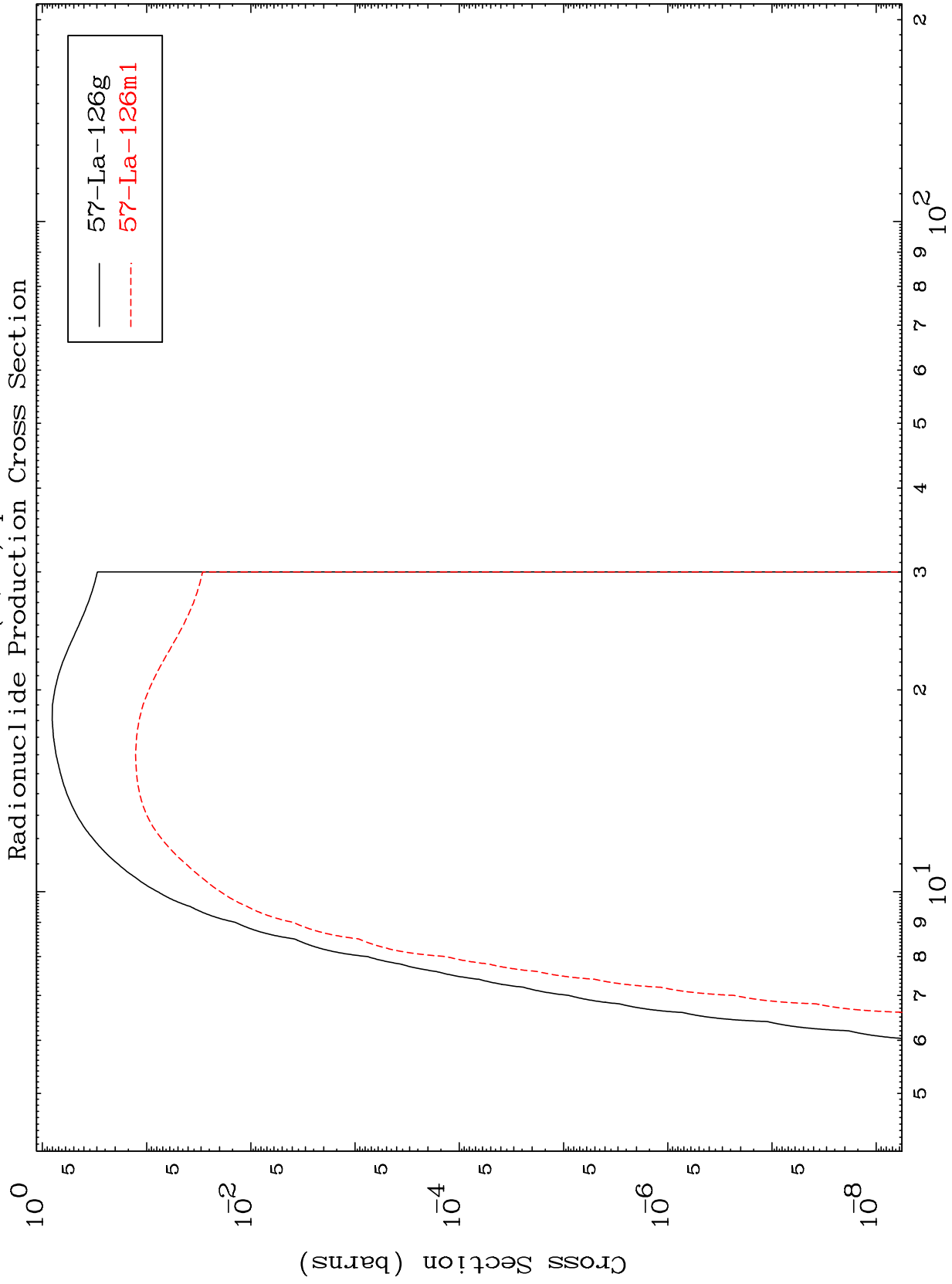
Incident Energy (MeV)

58-Ce-127

MAT 5798

(n,n') p

58-Ce-127



109

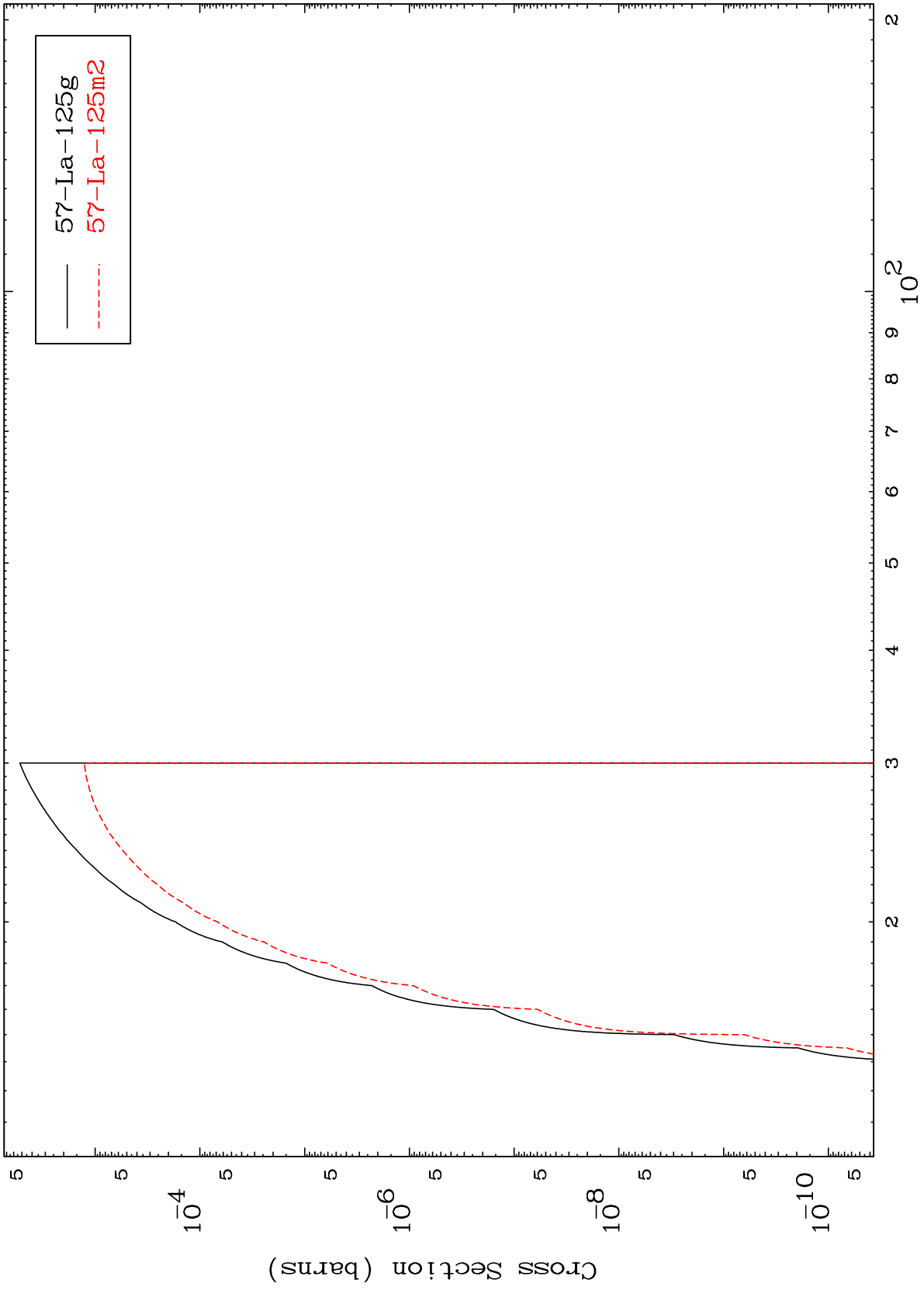
58-Ce-127

MAT 5798

(n,n') d

58-Ce-127

Radionuclide Production Cross Section



110

Incident Energy (MeV)

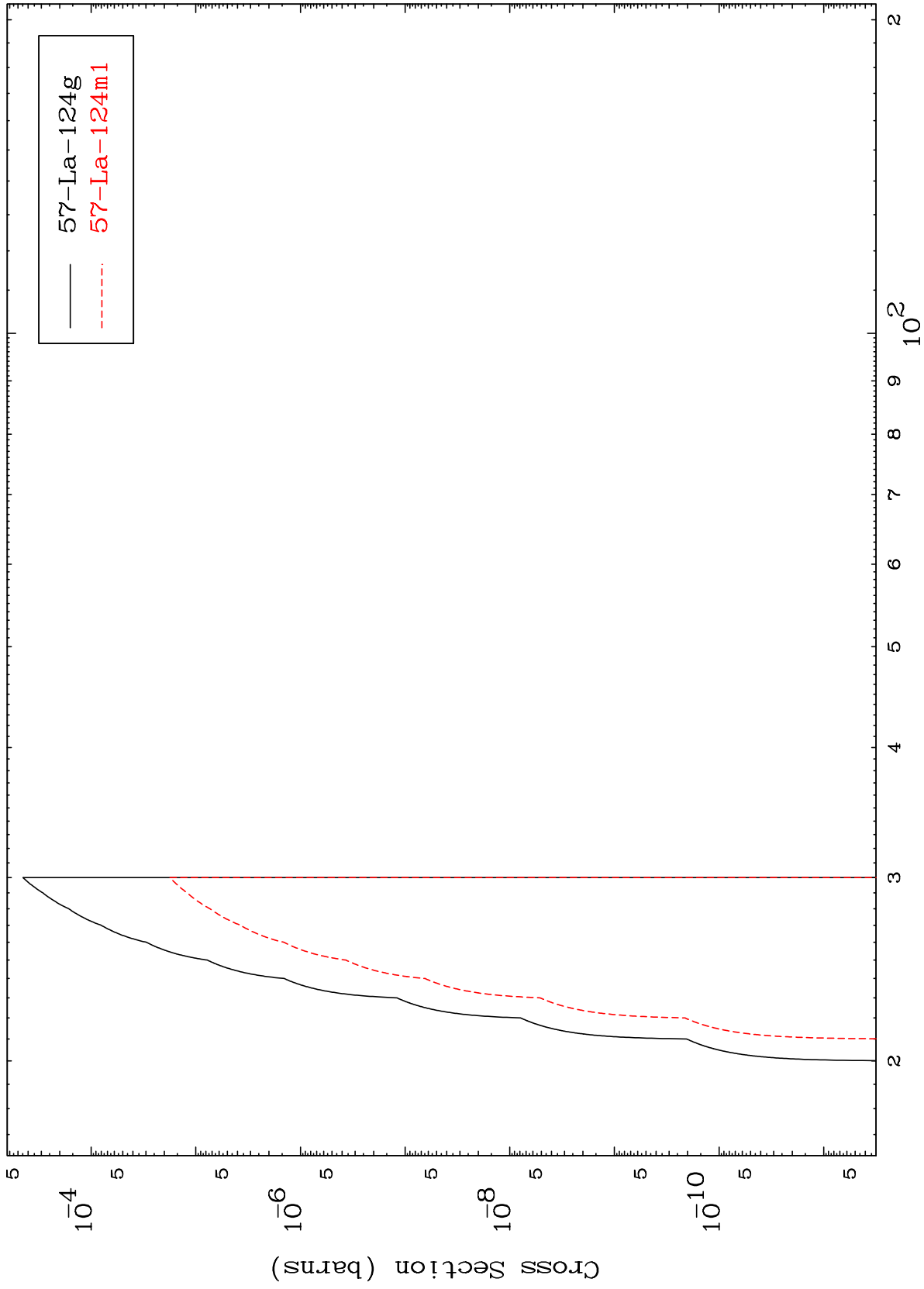
58-Ce-127

MAT 5798

(n,n') t

58-Ce-127

Radionuclide Production Cross Section



111

Incident Energy (MeV)

58-Ce-127

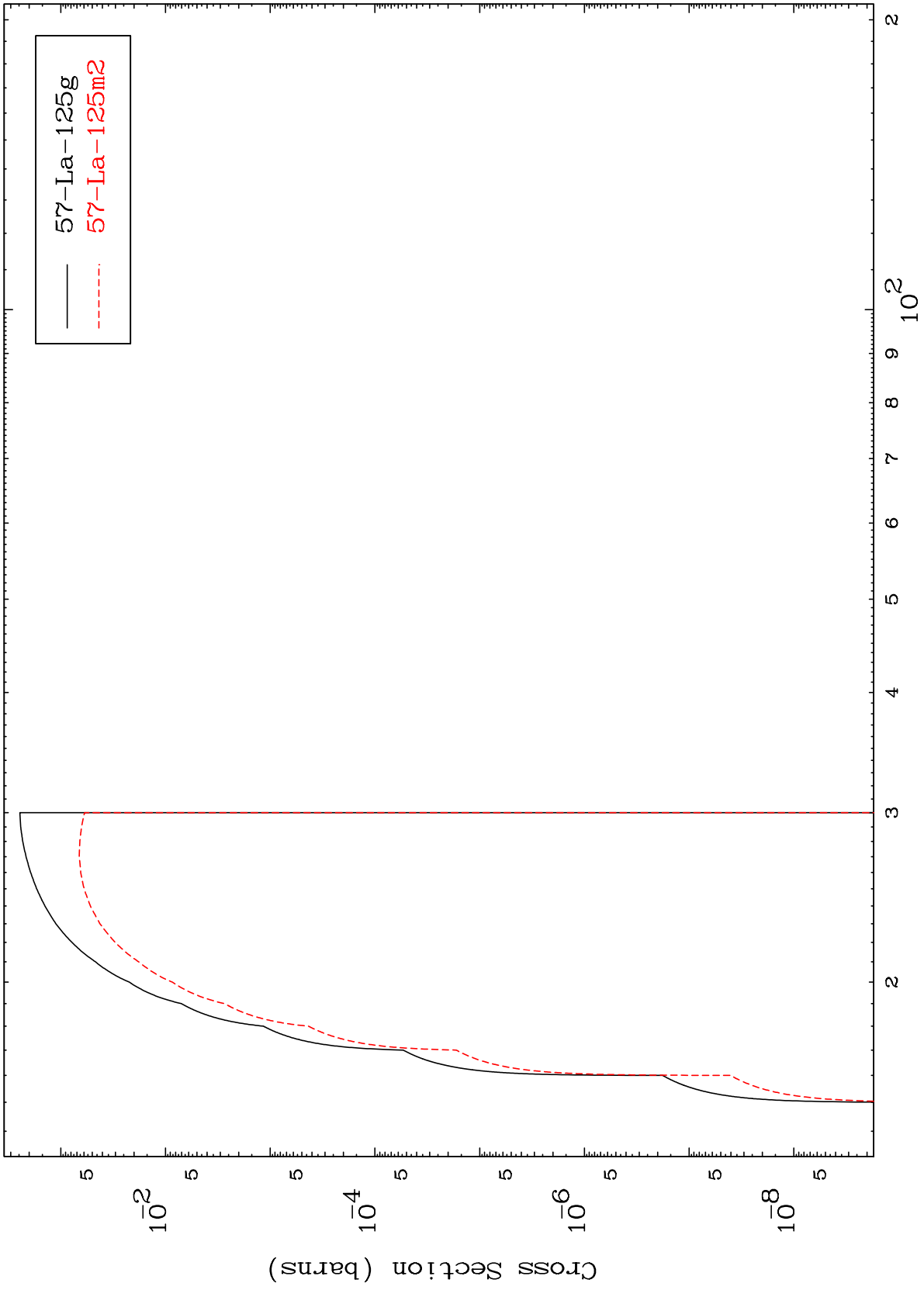


MAT 5798

(n,2n) p

58-Ce-127

Radionuclide Production Cross Section



112

Incident Energy (MeV)

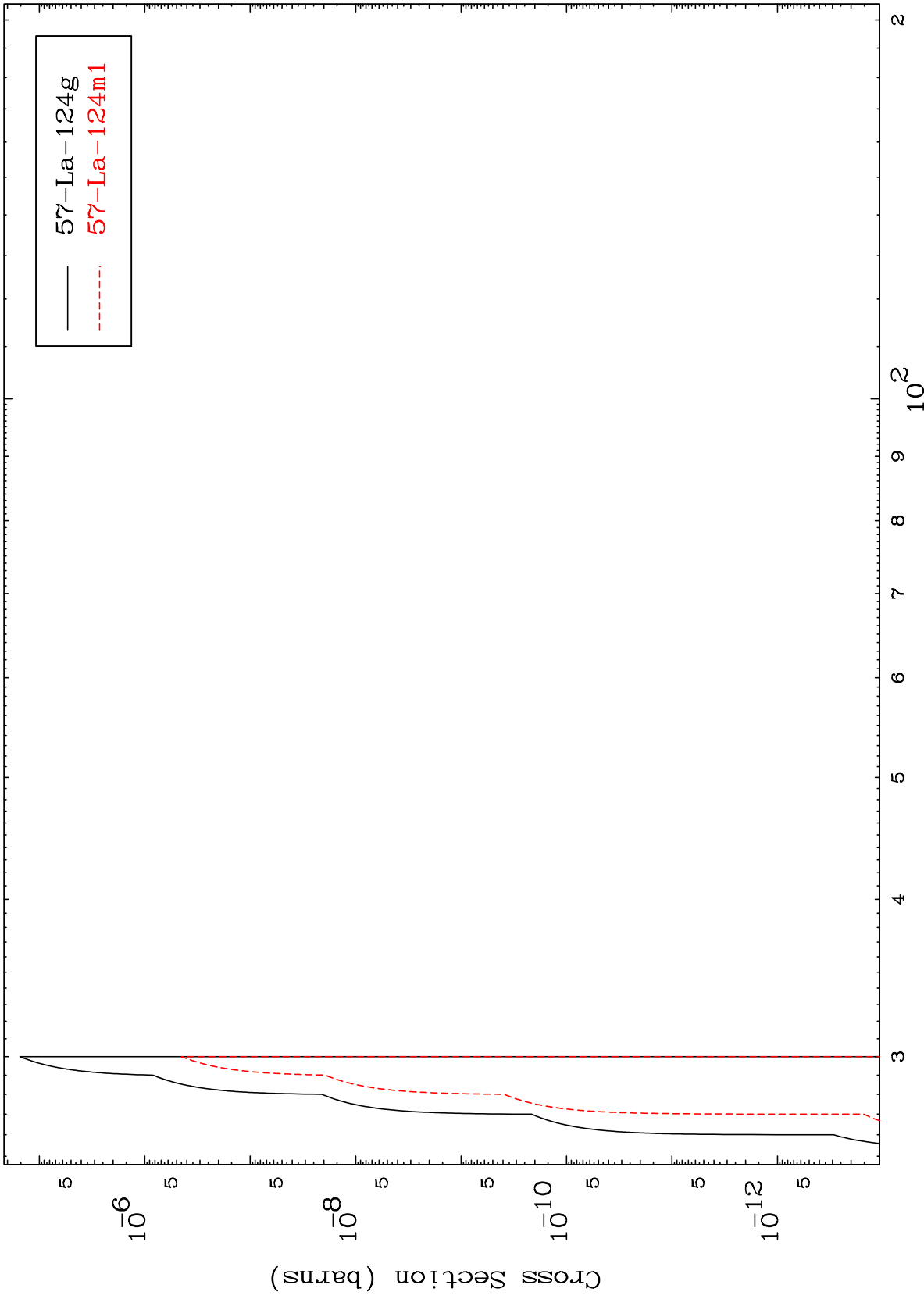
58-Ce-127

MAT 5798

(n,3n) p

58-Ce-127

Radionuclide Production Cross Section



113

Incident Energy (MeV)

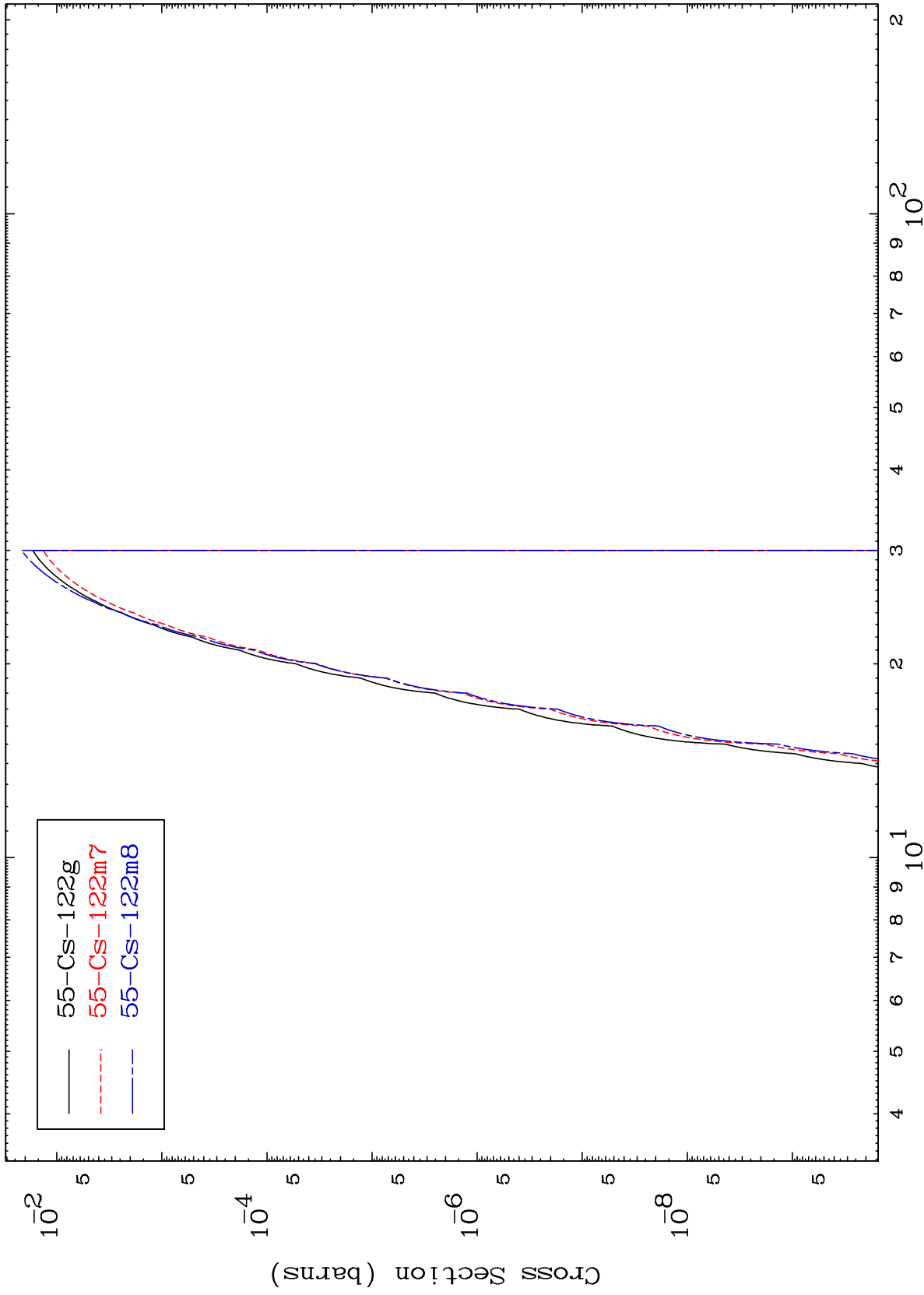
58-Ce-127

MAT 5798

(n,n') p  $\alpha$

58-Ce-127

Radionuclide Production Cross Section



114

Incident Energy (MeV)

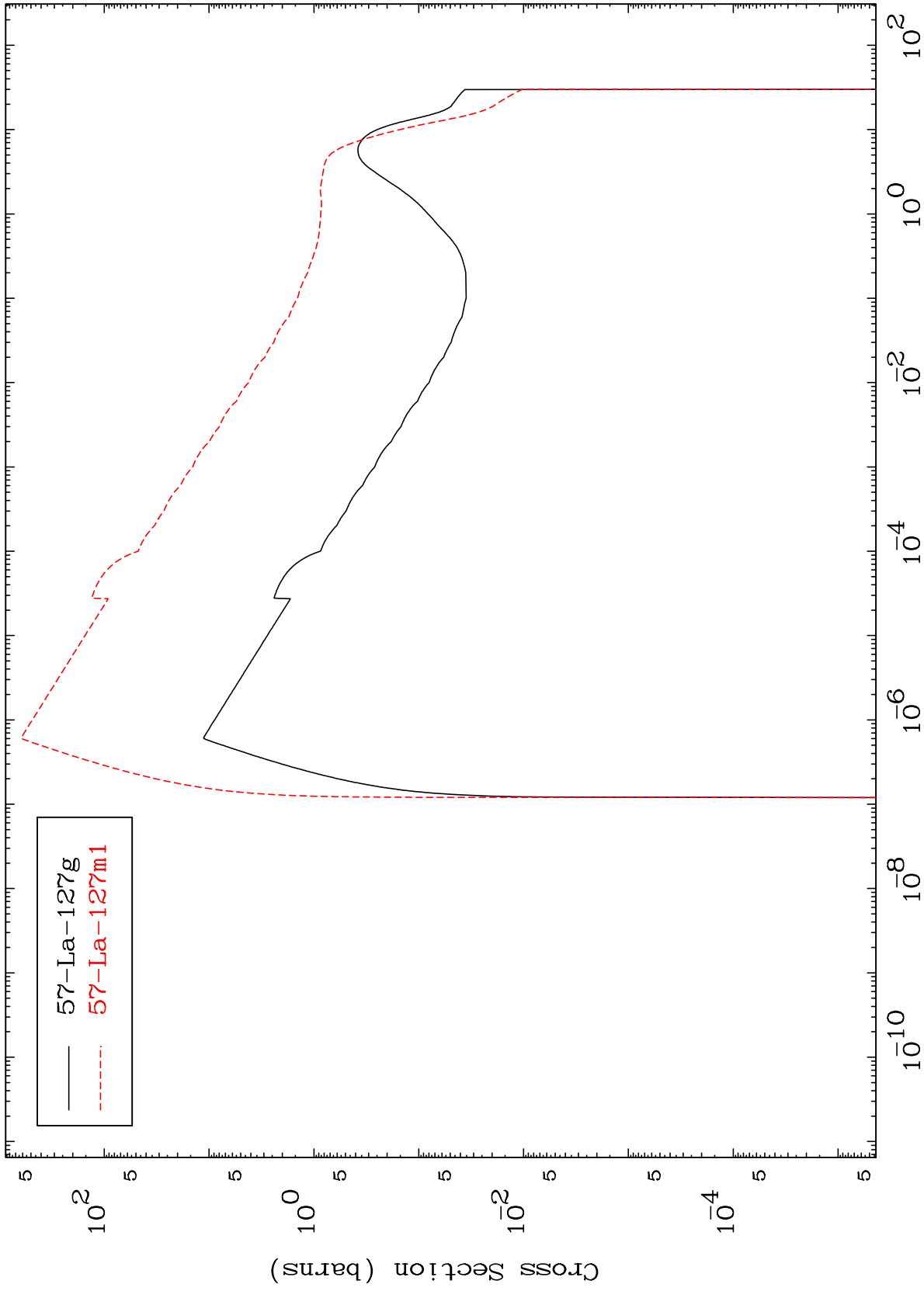
58-Ce-127

MAT 5798

(n,p)

58-Ce-127

Radionuclide Production Cross Section



115

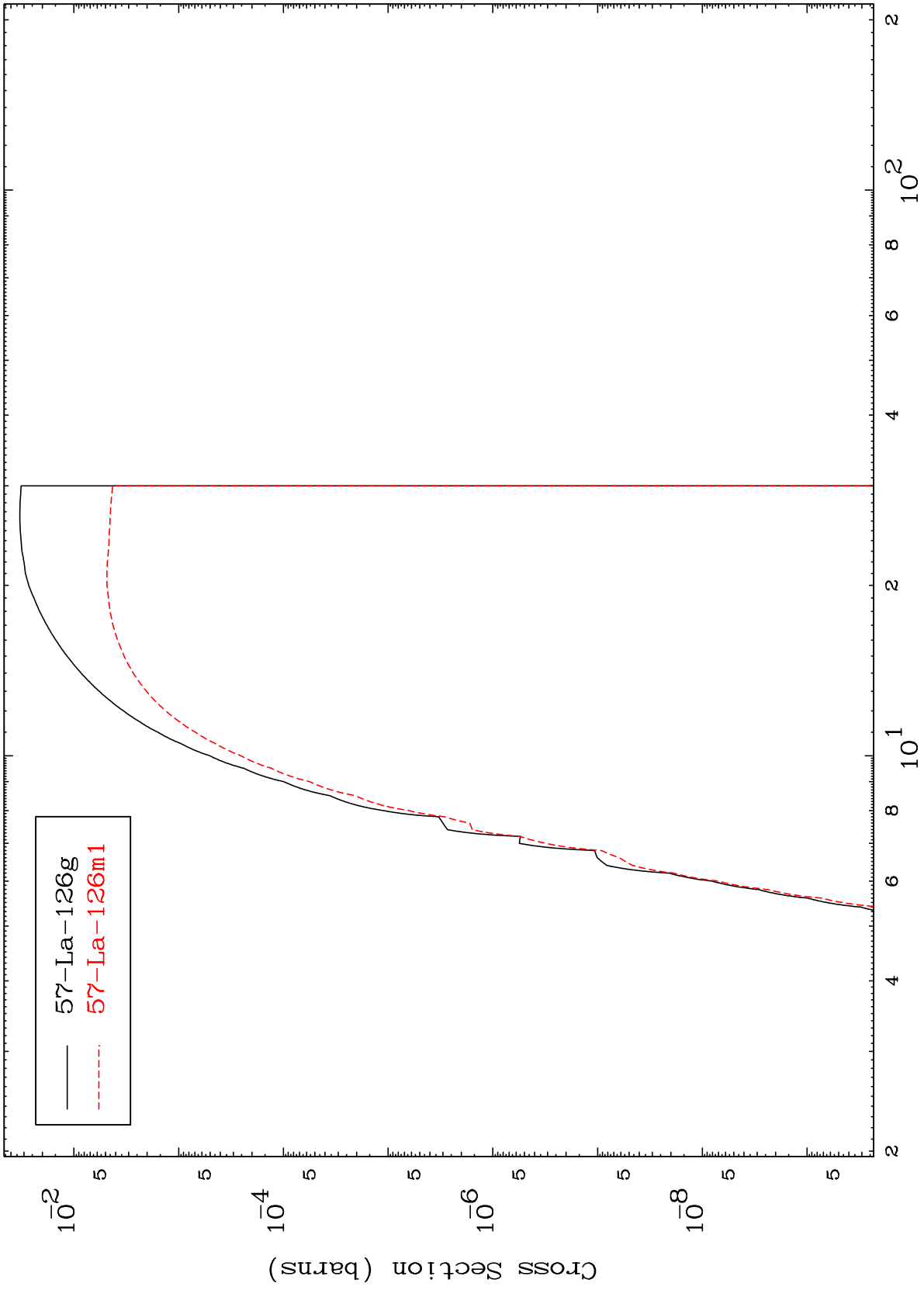
Incident Energy (MeV)

58-Ce-127

MAT 5798

(n,d)  
Radionuclide Production Cross Section

58-Ce-127



116

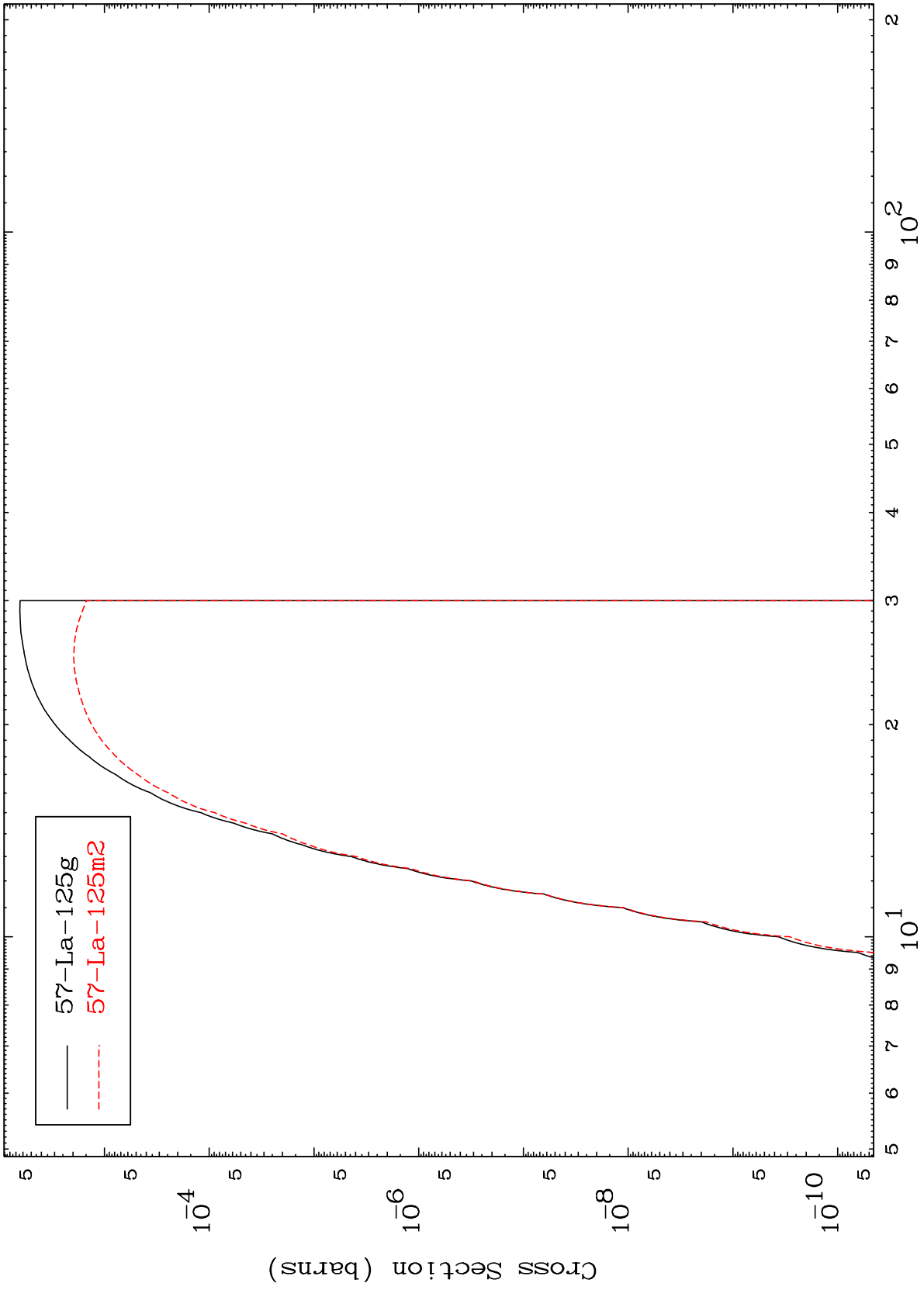
Incident Energy (MeV)

58-Ce-127

MAT 5798

58-Ce-127

(n, t)  
Radionuclide Production Cross Section



117

Incident Energy (MeV)

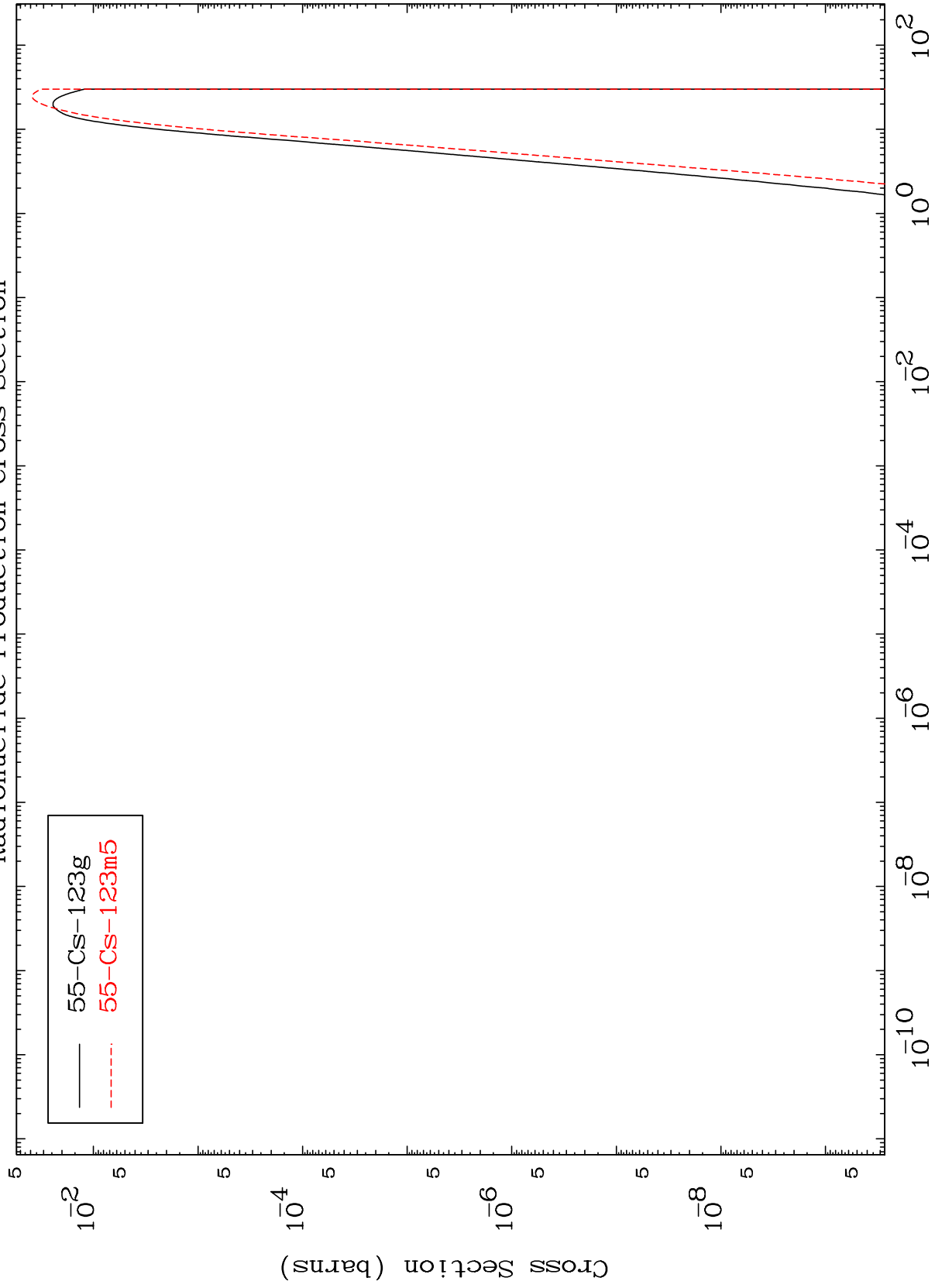
58-Ce-127

MAT 5798

(n,p)  $\alpha$

58-Ce-127

Radionuclide Production Cross Section



118

Incident Energy (MeV)

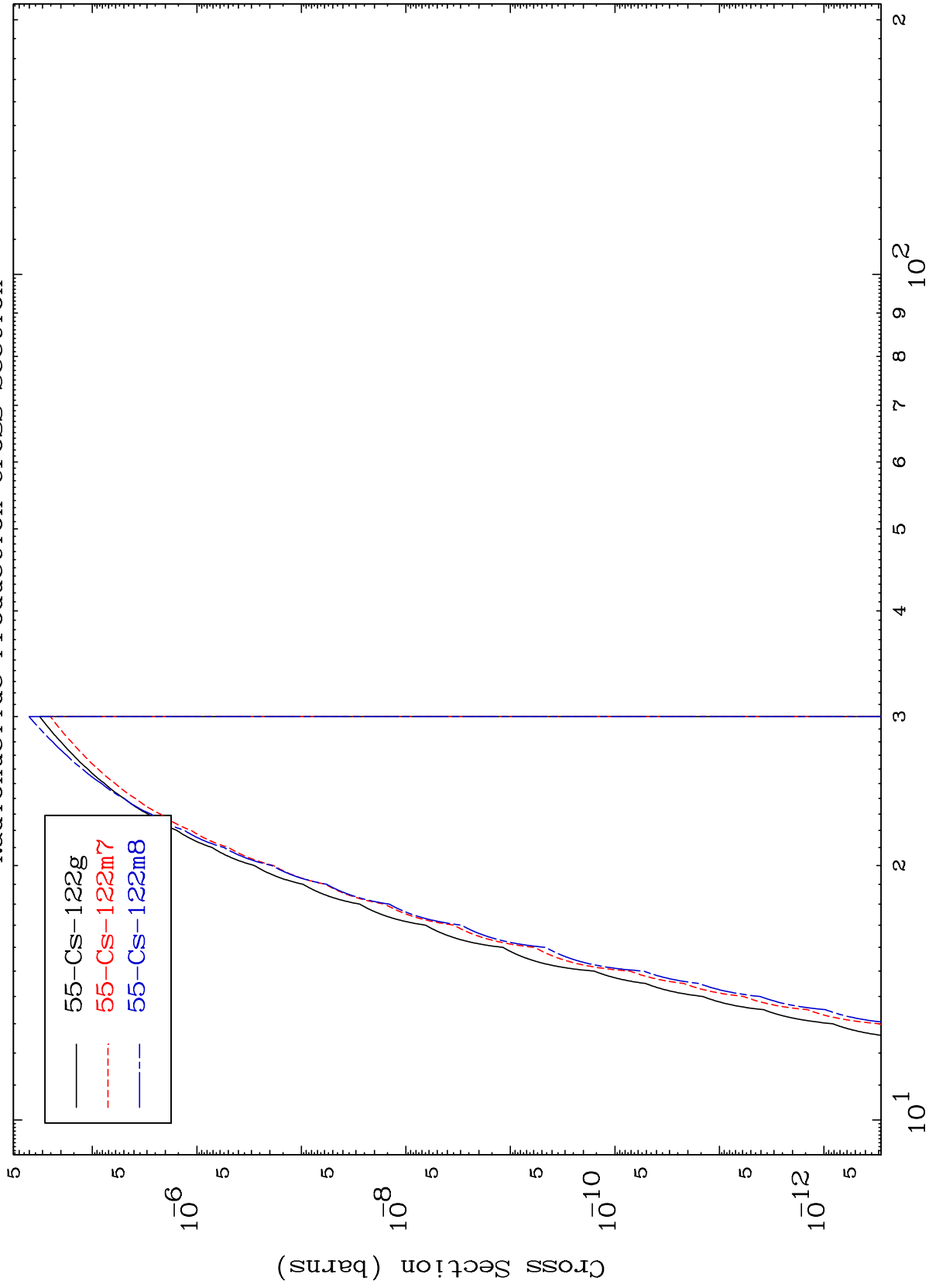
58-Ce-127

MAT 5798

(n,d)  $\alpha$

58-Ce-127

Radionuclide Production Cross Section



119

Incident Energy (MeV)

58-Ce-127