

Program EVALPLOT
(Version 2018-1)

by

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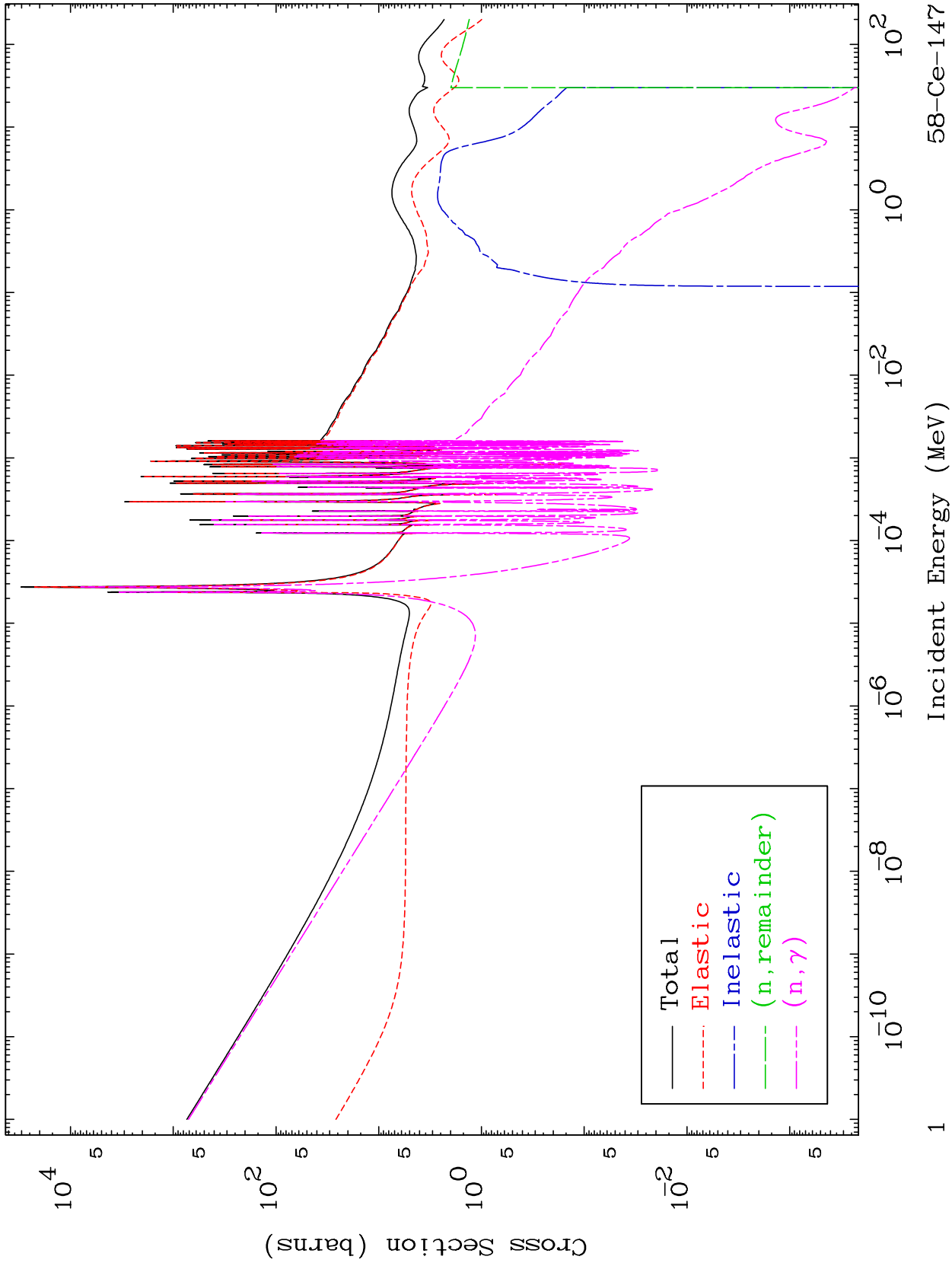
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5858

Major
293 Kelvin Cross Sections

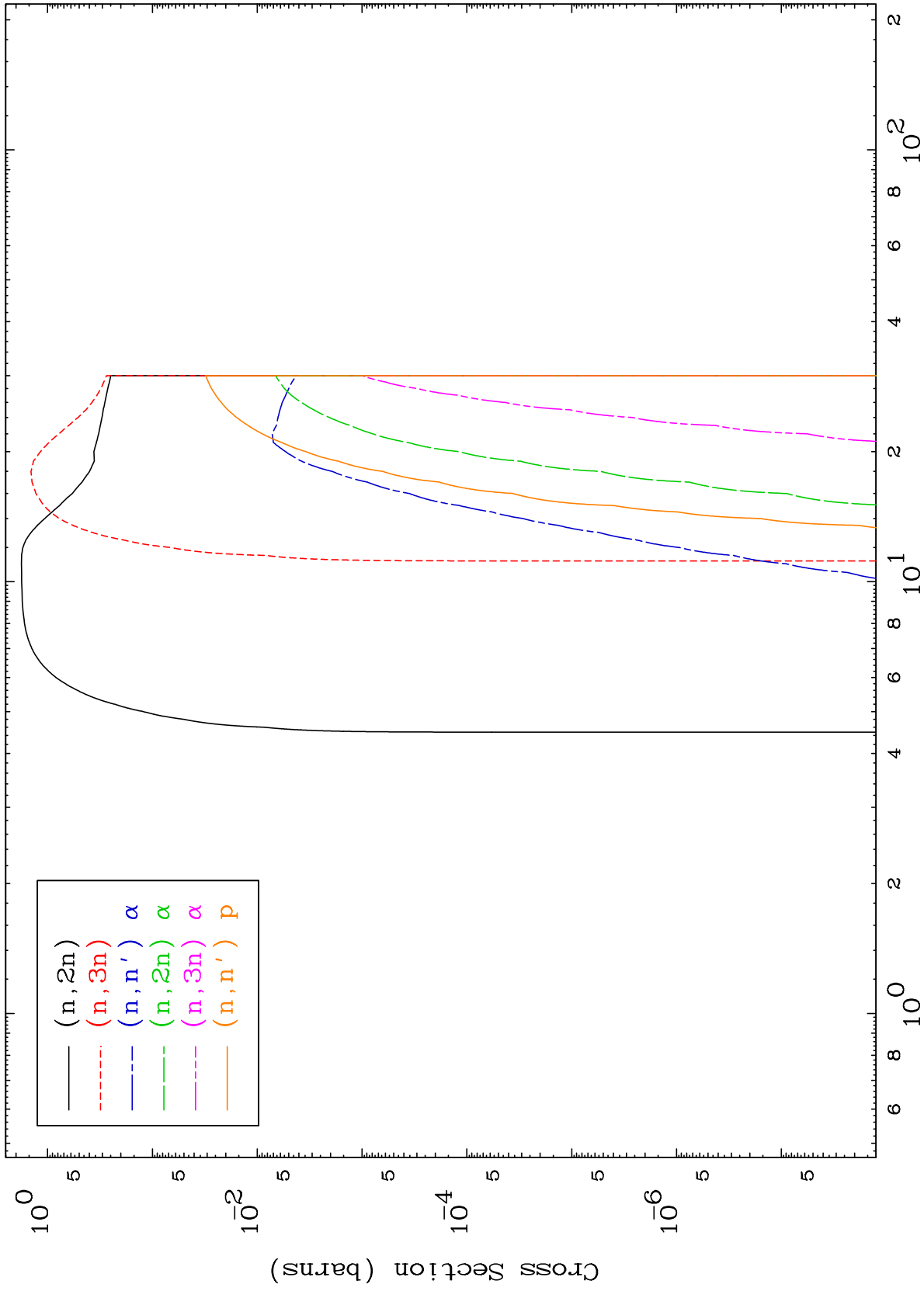
58-Ce-147



MAT 5858

Neutron Production
293 Kelvin Cross Sections

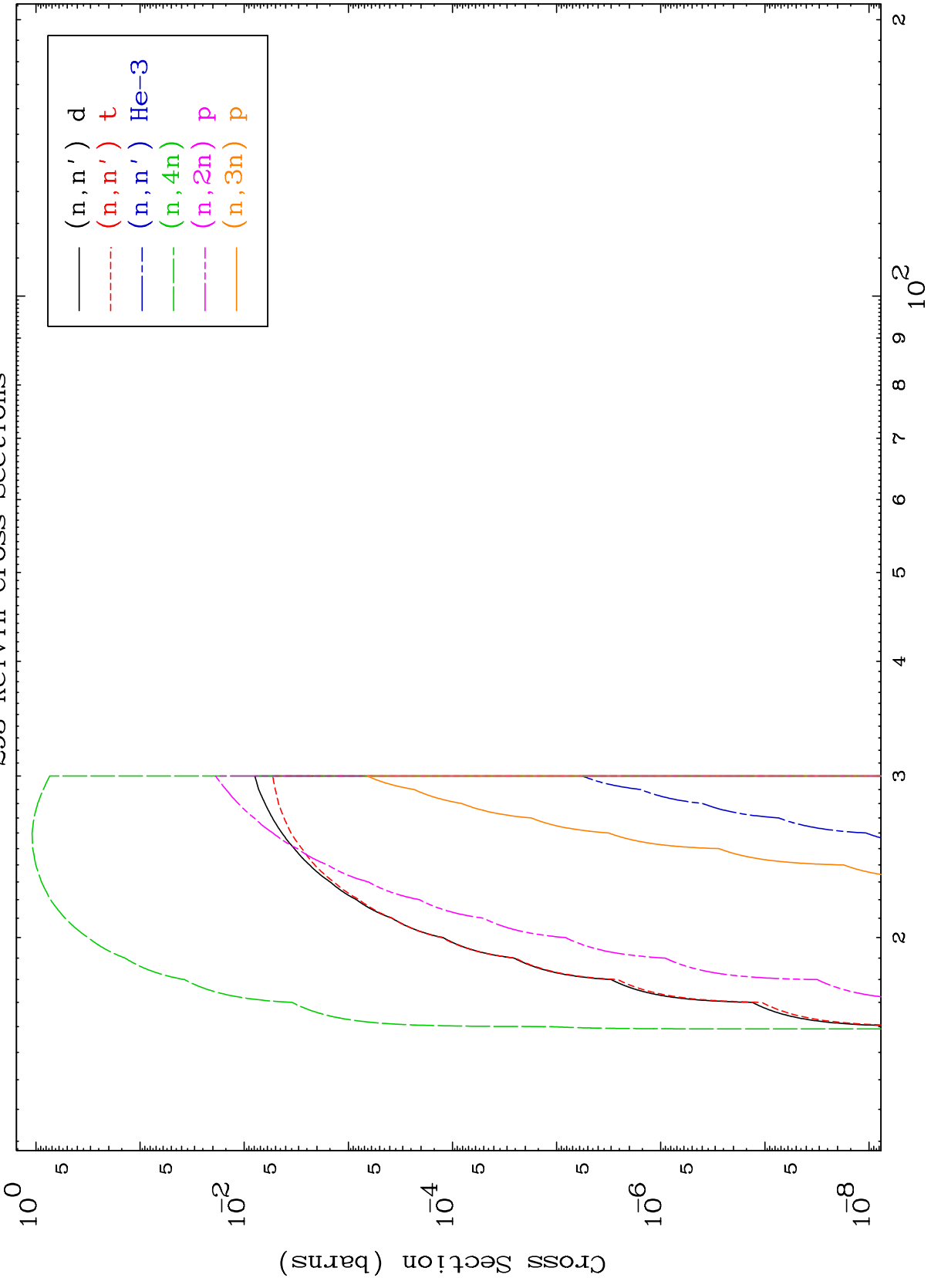
58-Ce-147



2

Incident Energy (MeV)

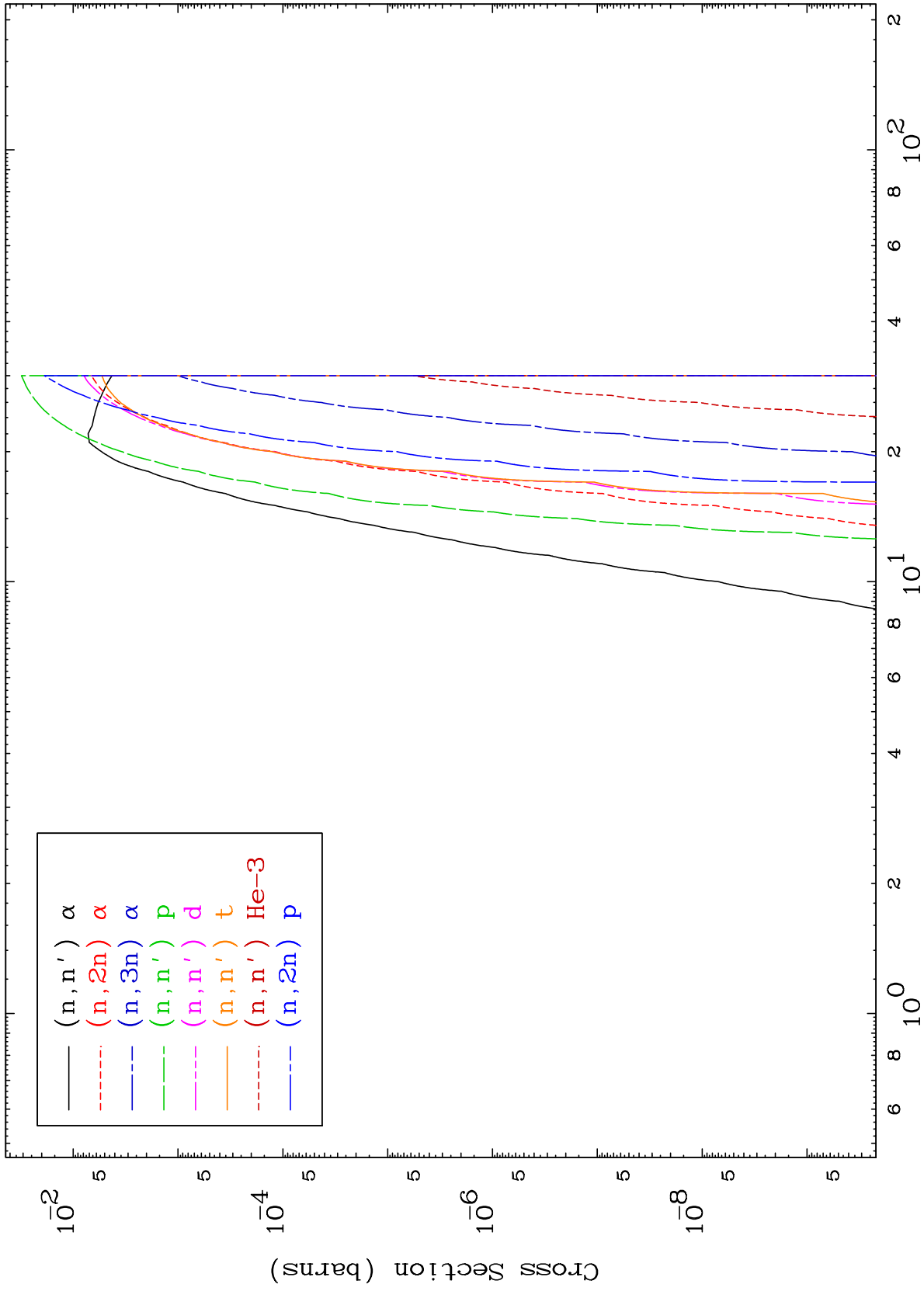
58-Ce-147



MAT 5858

293 Kelvin Cross Sections

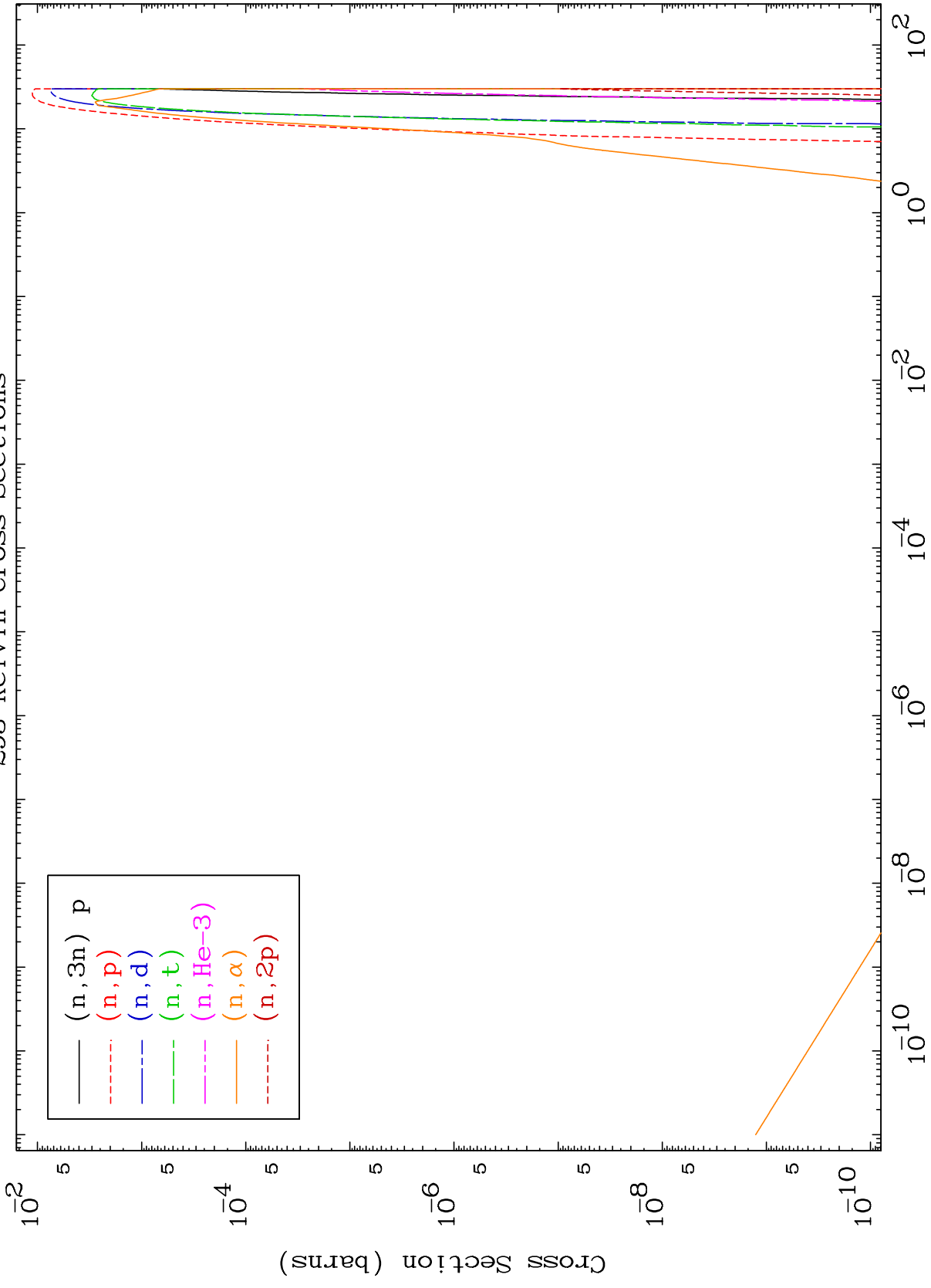
58-Ce-147



MAT 5858

293 Kelvin Cross Sections

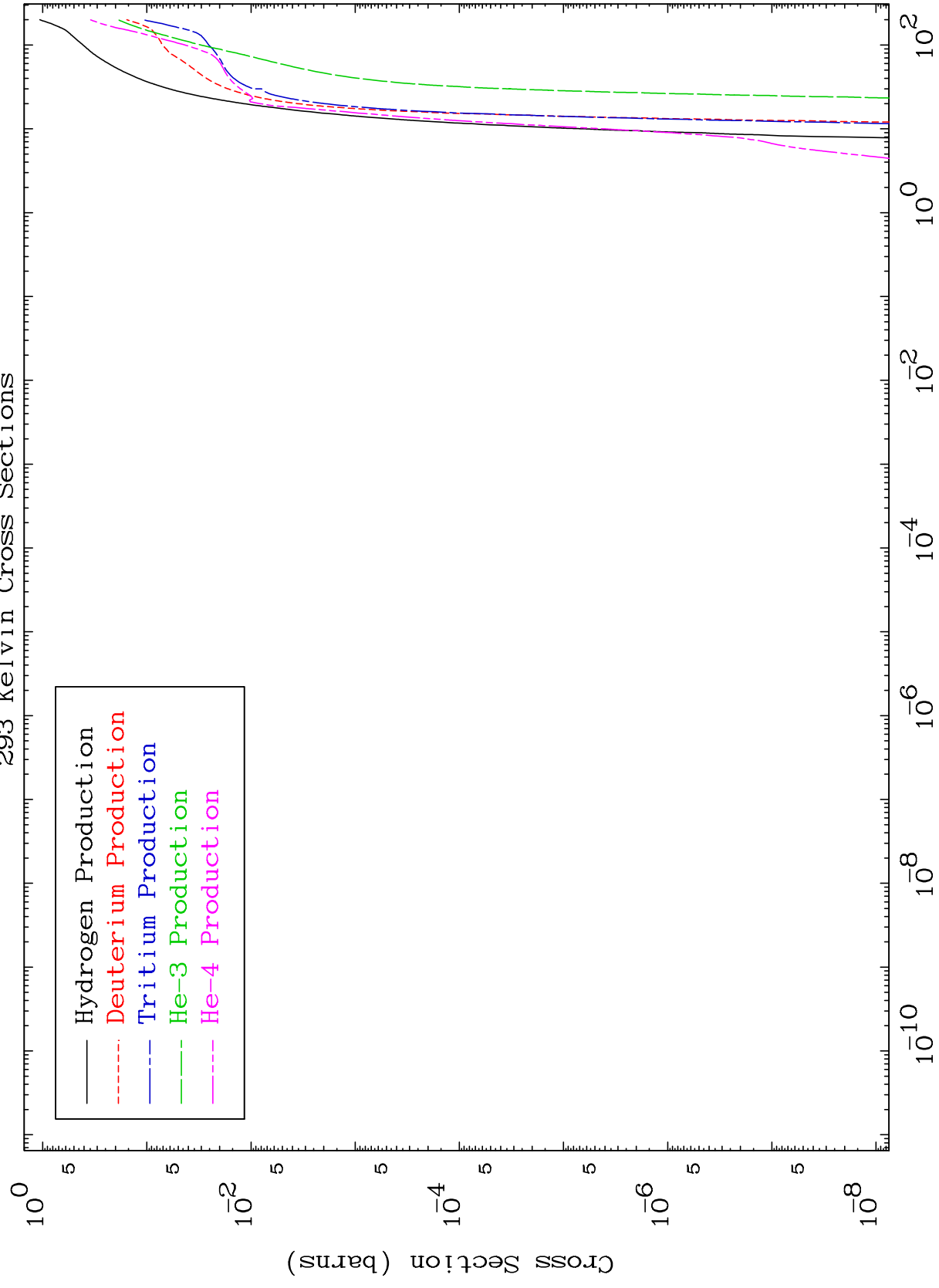
58-Ce-147



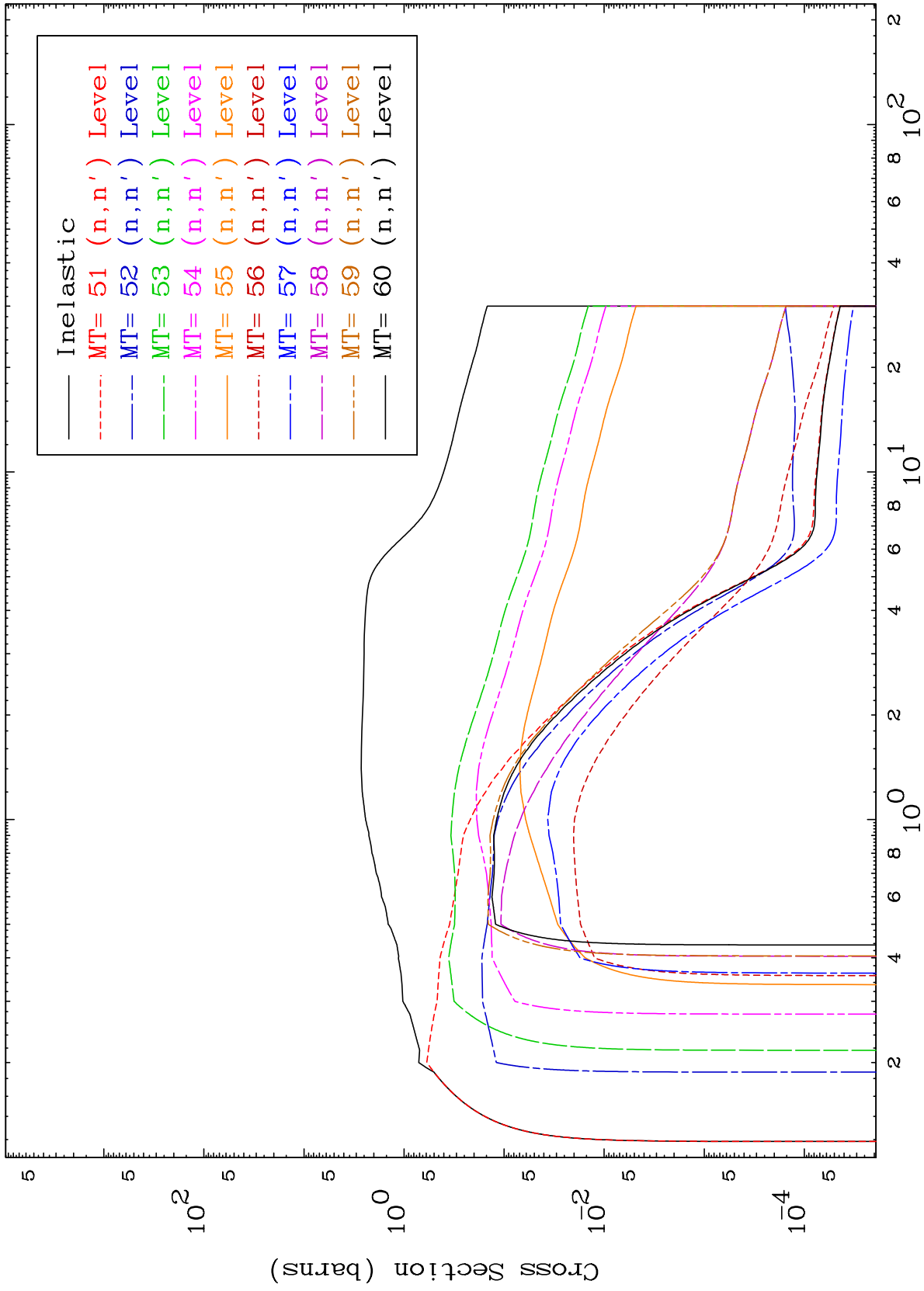
MAT 5858

Particle Production
293 Kelvin Cross Sections

58-Ce-147



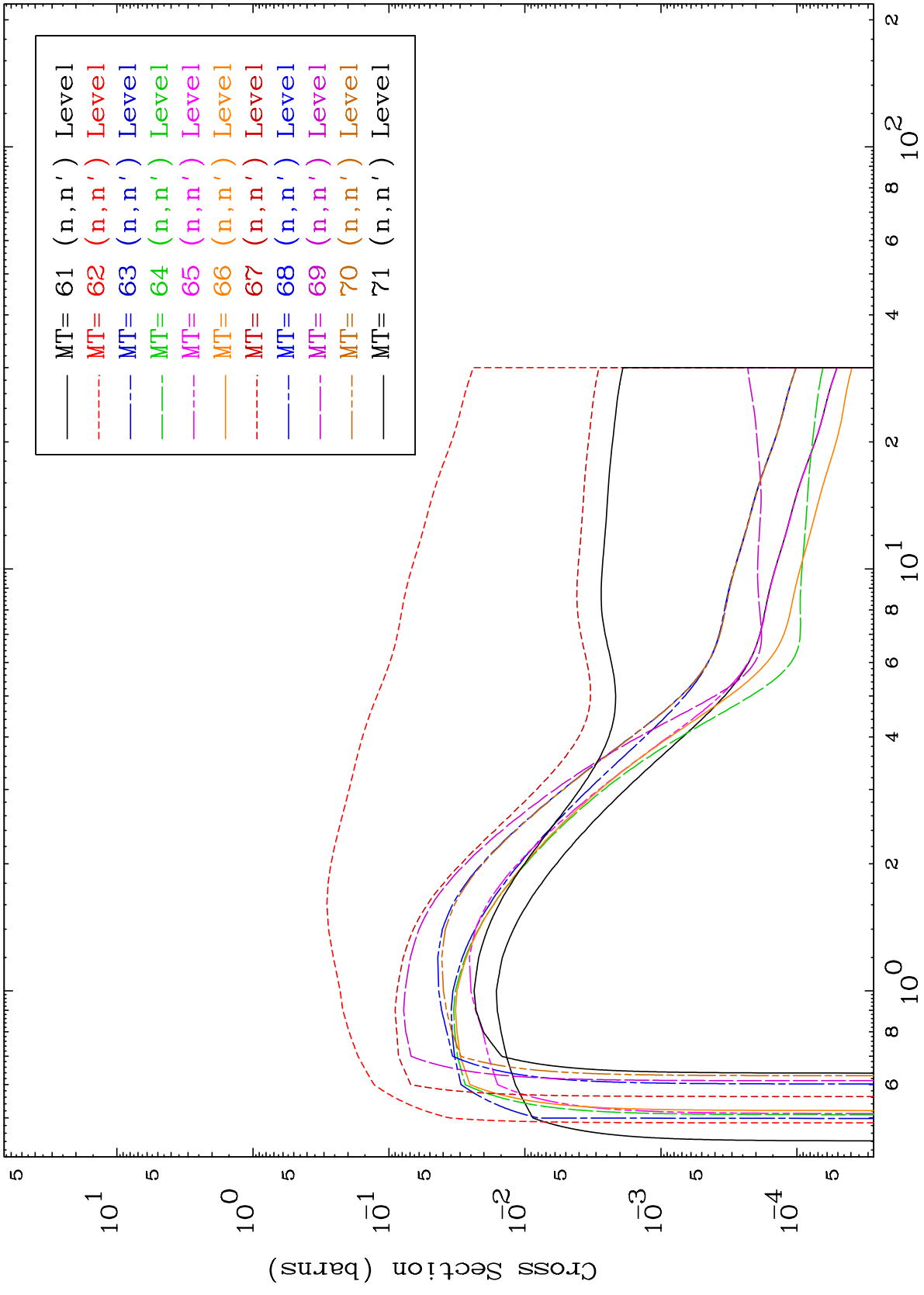
58-Ce-147



MAT 5858

(n,n') Level
293 Kelvin Cross Sections

58-Ce-147



8

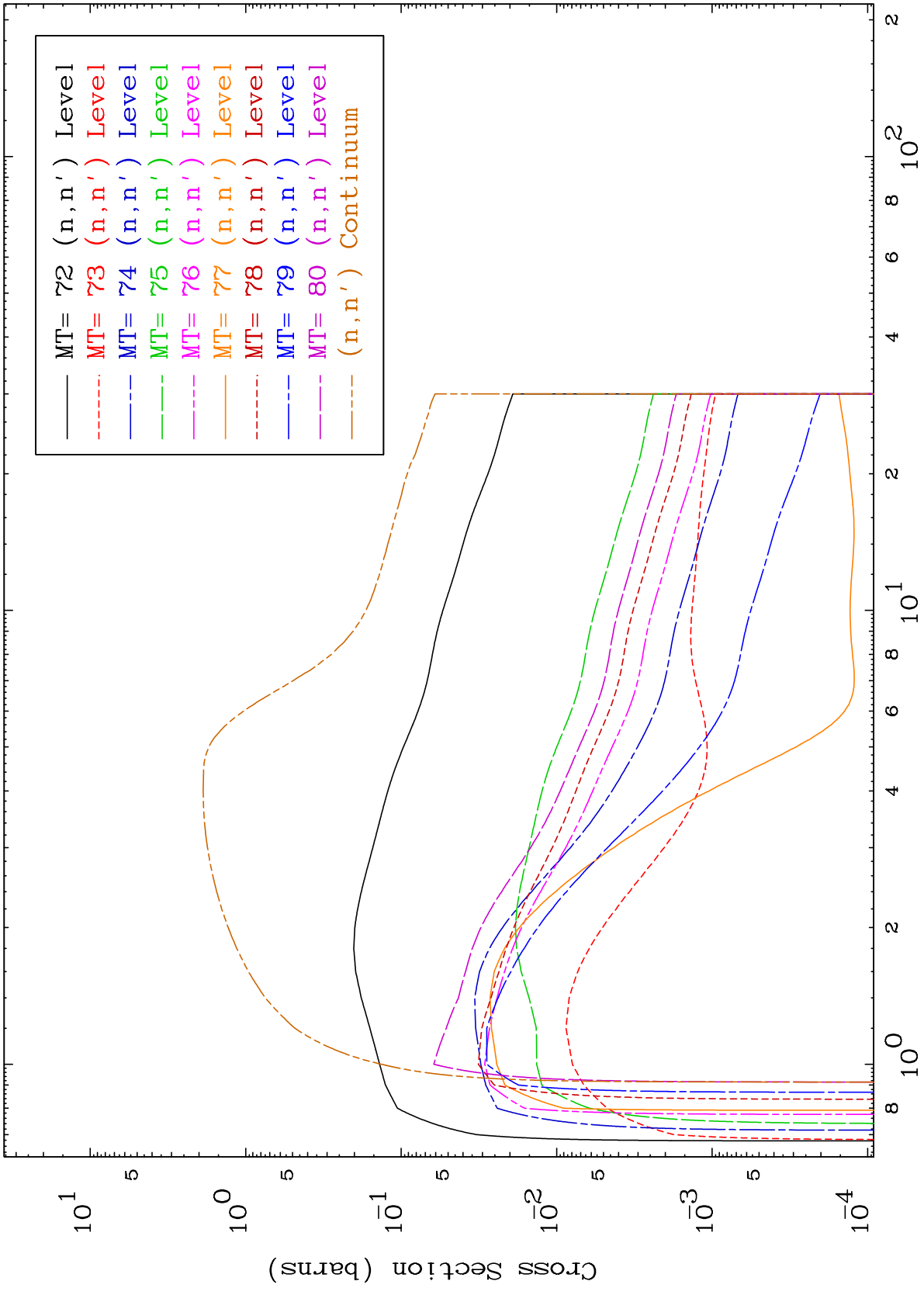
Incident Energy (MeV)

58-Ce-147

MAT 5858

(n,n') Level
293 Kelvin Cross Sections

58-Ce-147



9

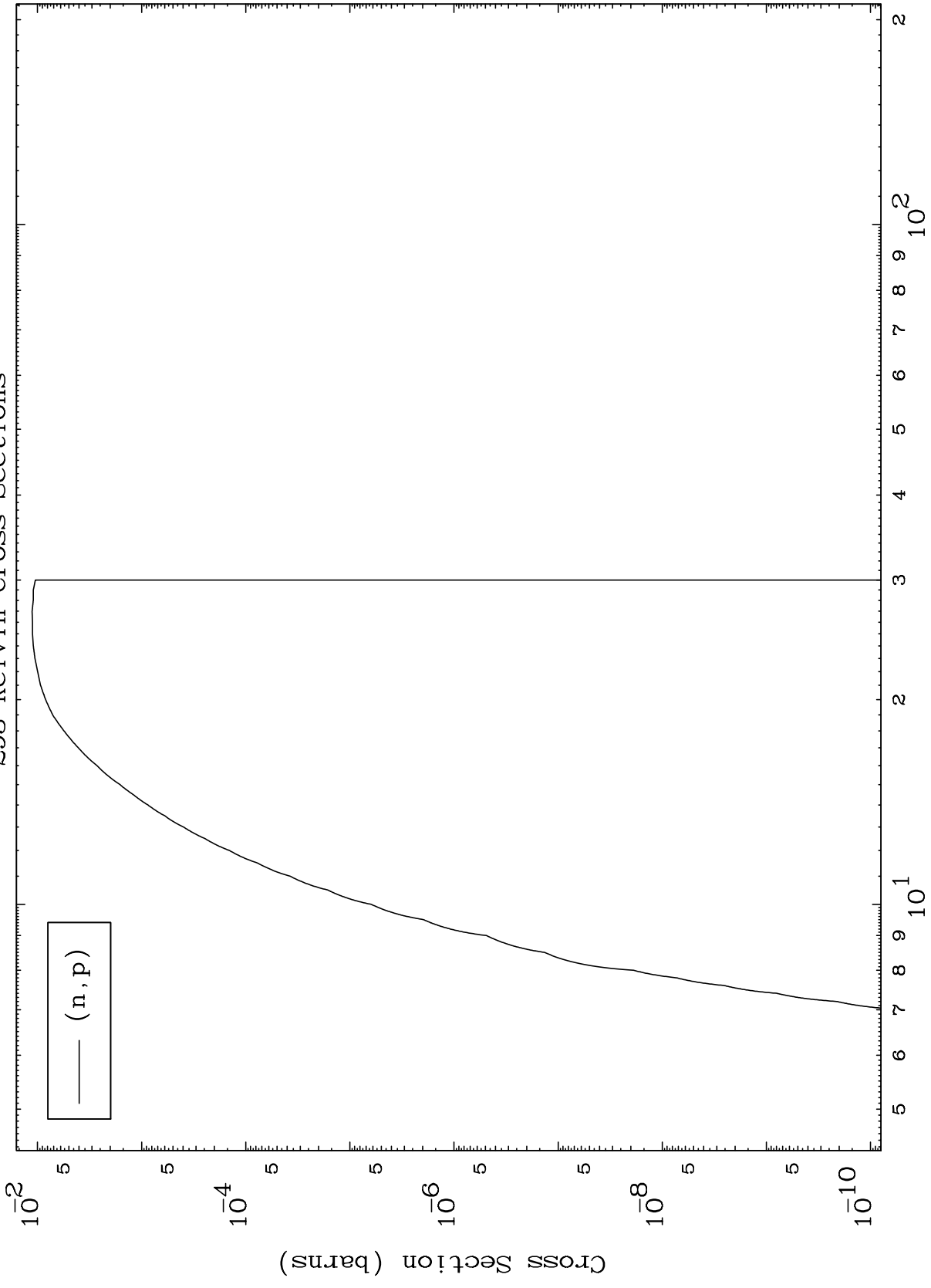
Incident Energy (MeV)

58-Ce-147

MAT 5858

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-147



10

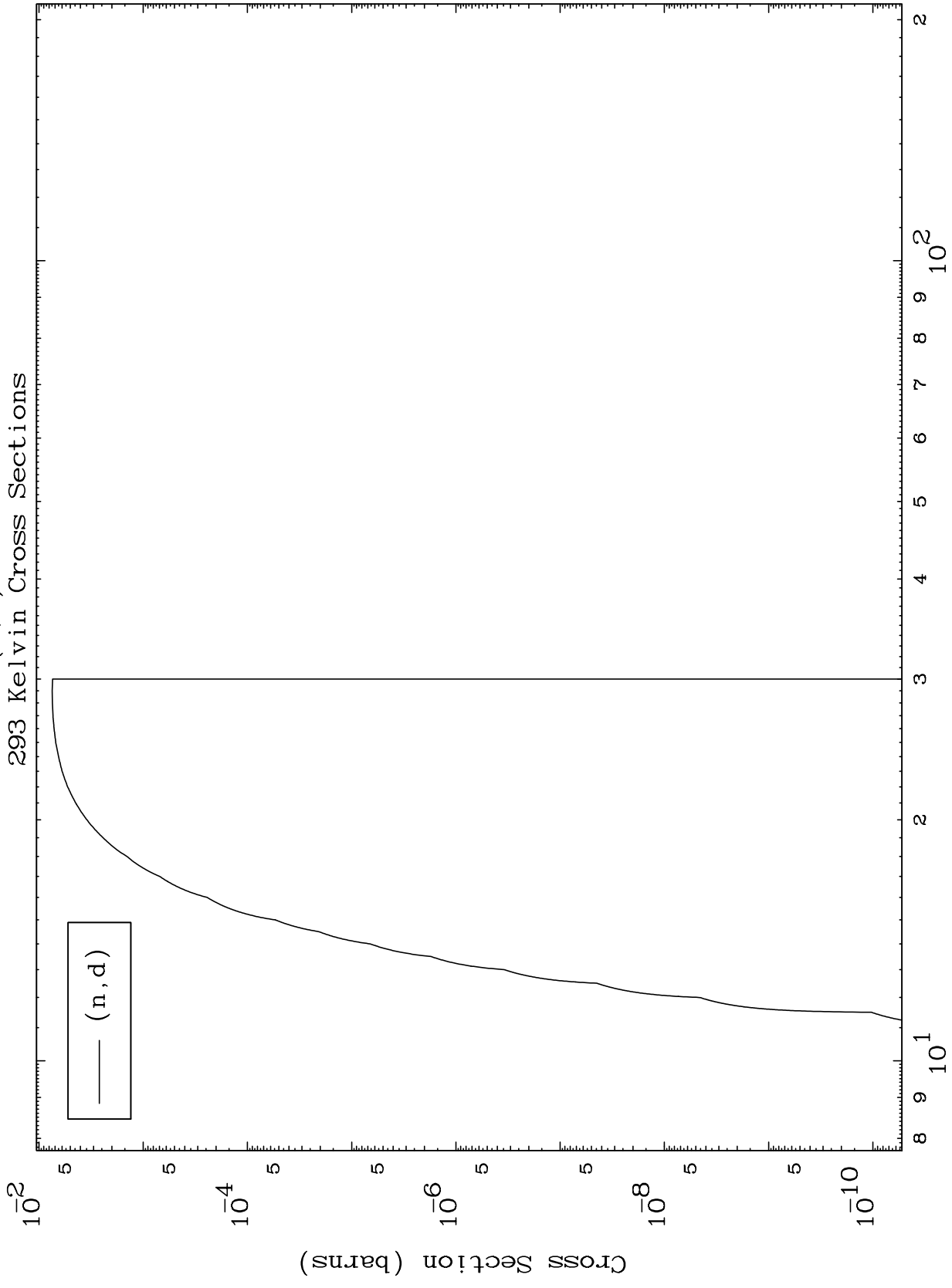
Incident Energy (MeV)

58-Ce-147

MAT 5858

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-147



11

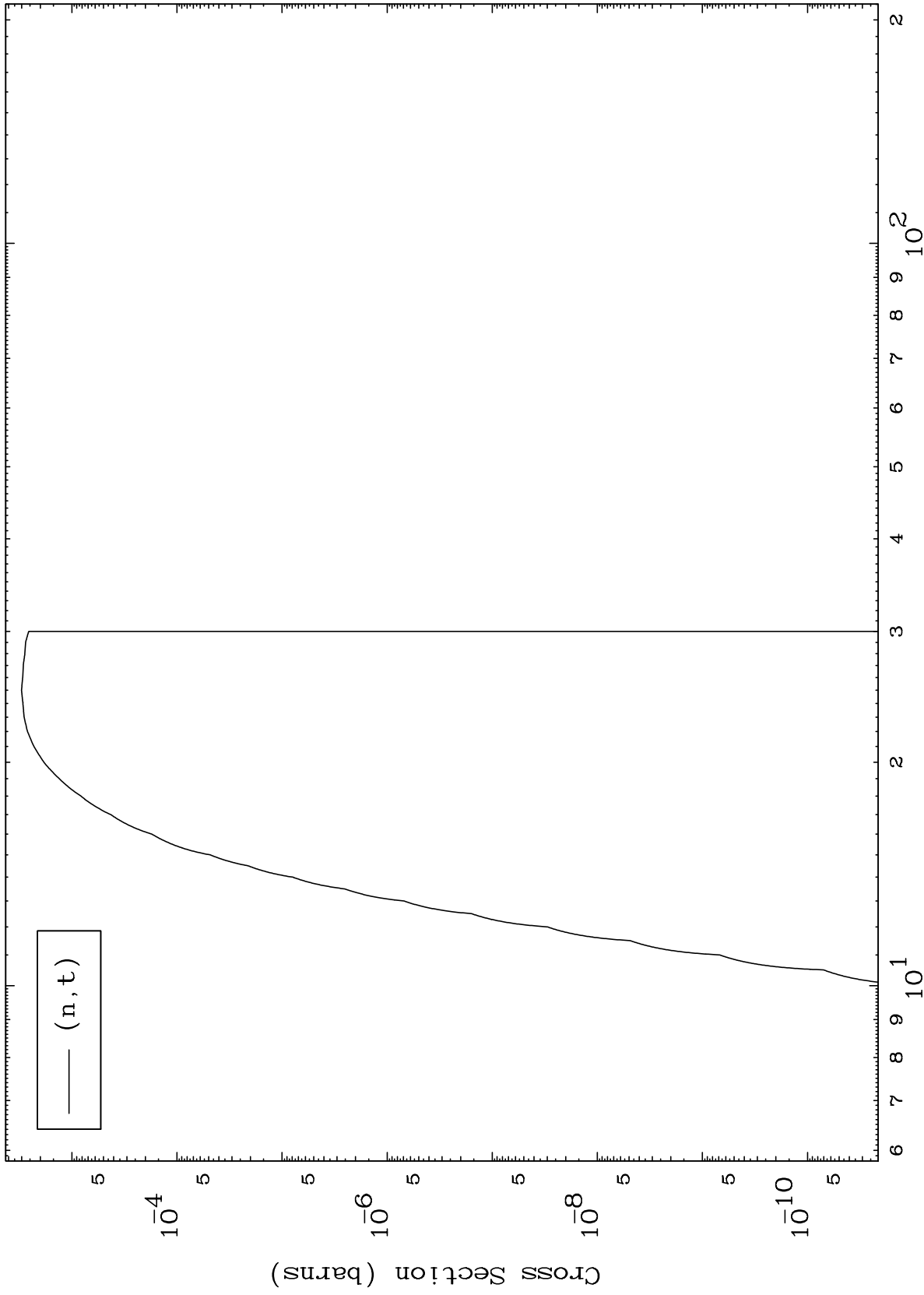
Incident Energy (MeV)

58-Ce-147

MAT 5858

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-147



12

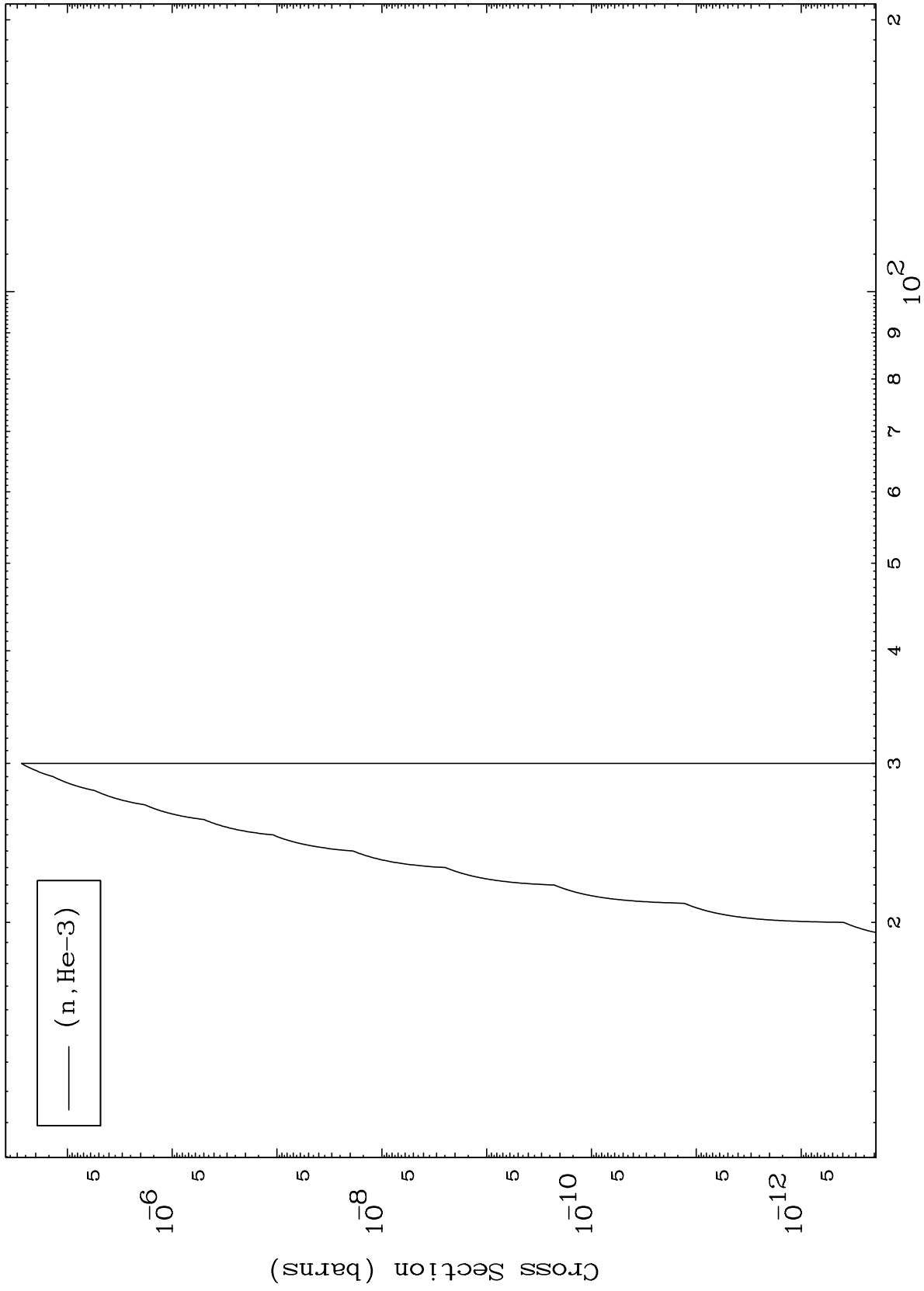
Incident Energy (MeV)

58-Ce-147

MAT 5858

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-147



13

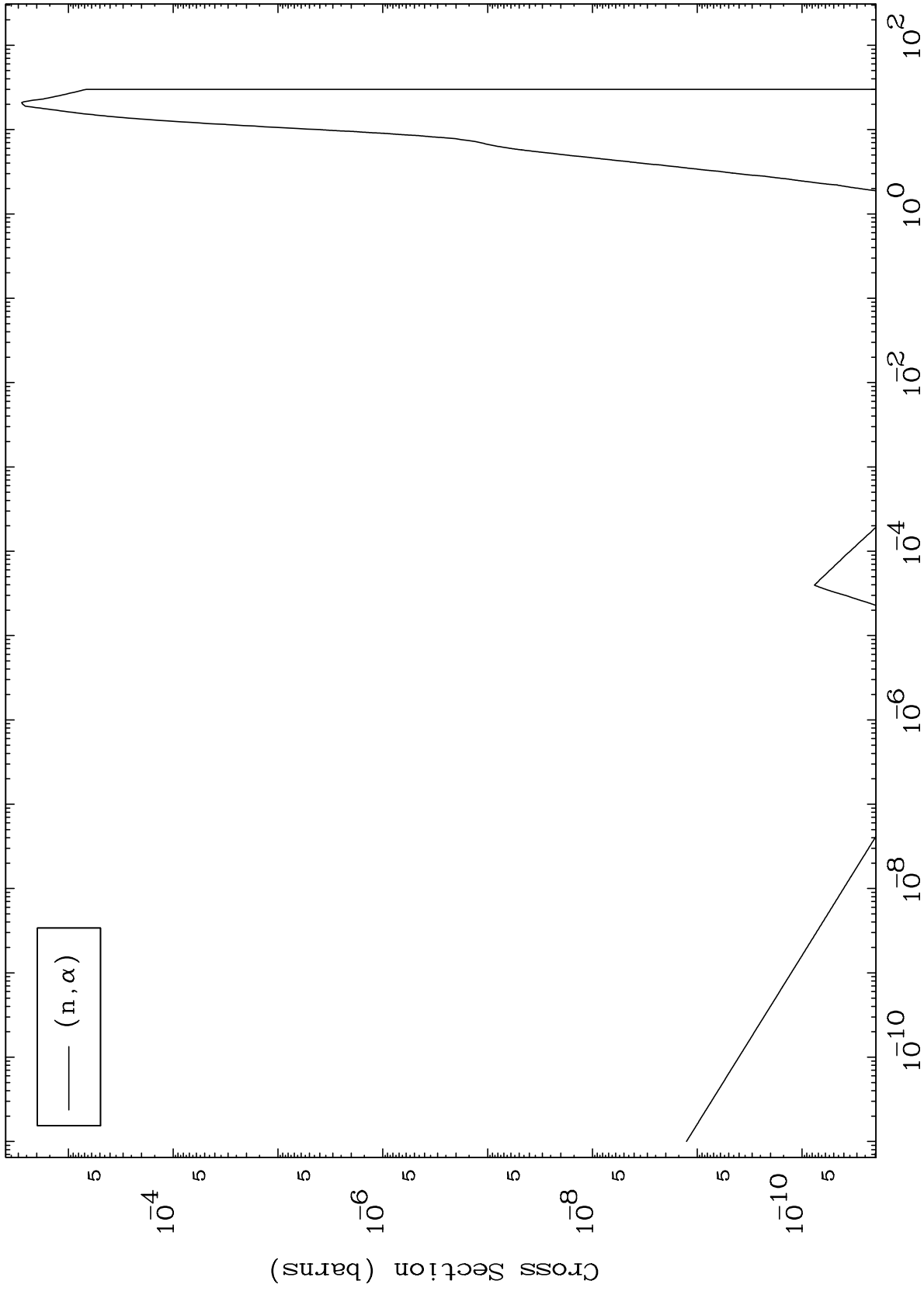
Incident Energy (MeV)

58-Ce-147

MAT 5858

(n,α) Levels
293 Kelvin Cross Sections

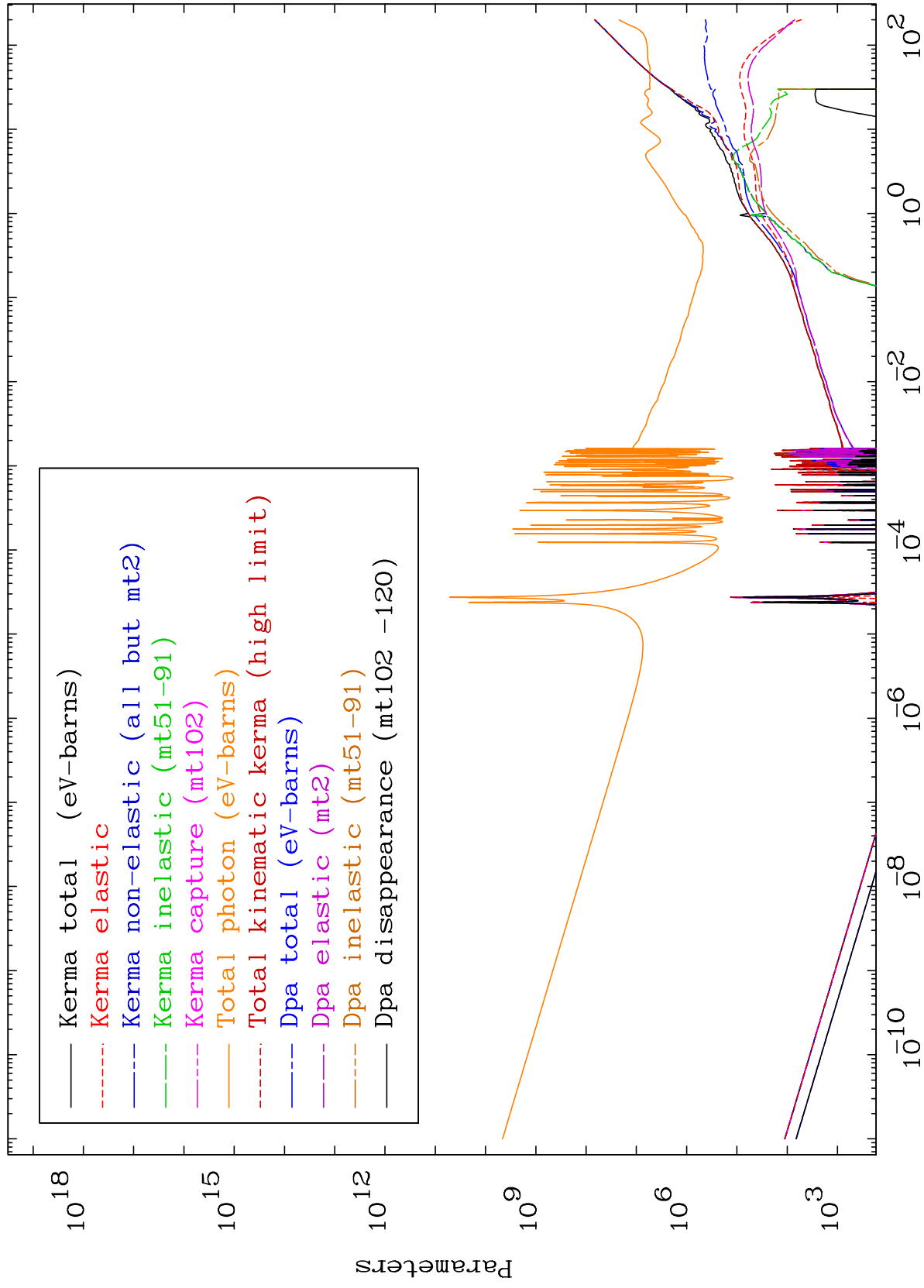
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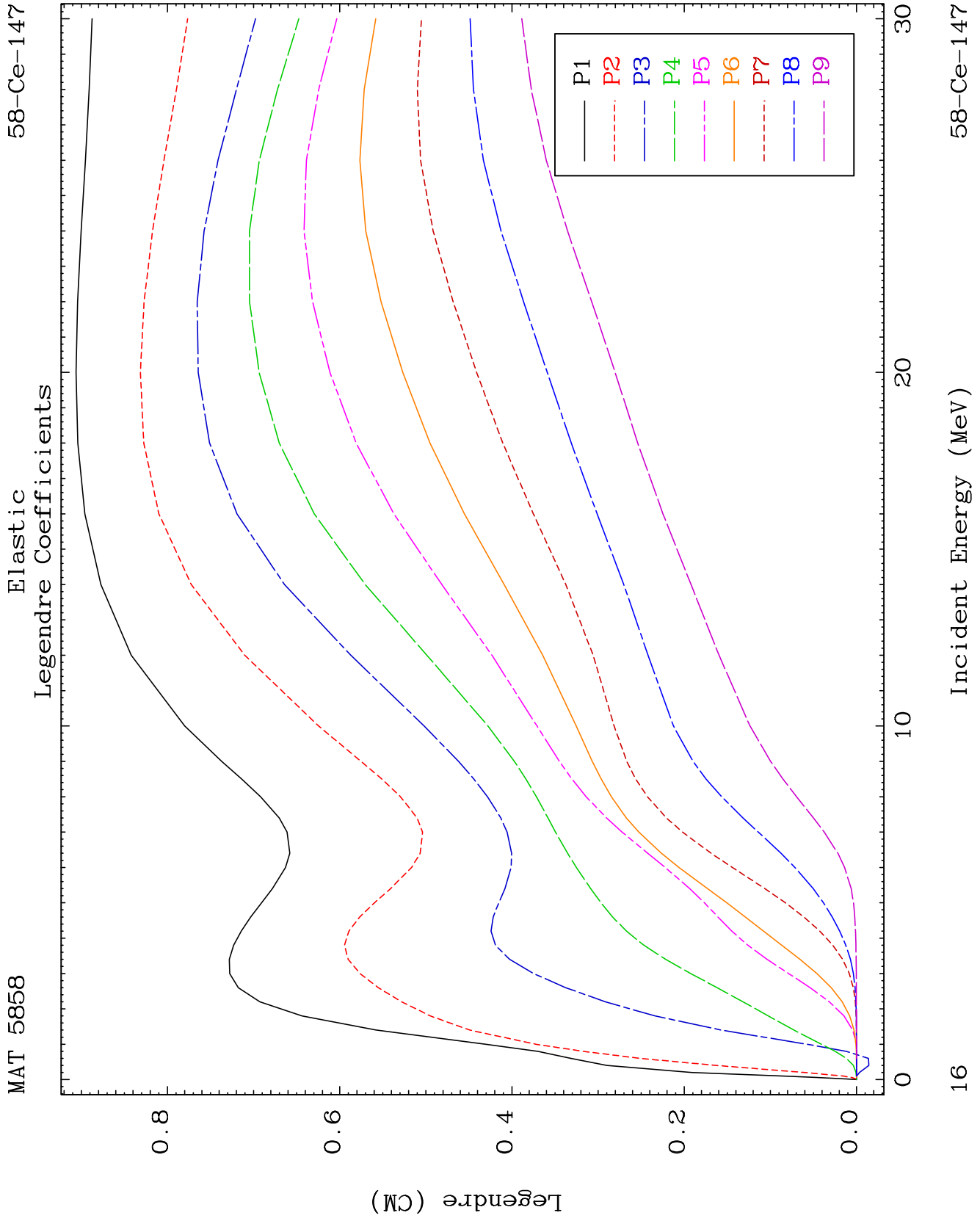


14

Incident Energy (MeV)

58-Ce-147

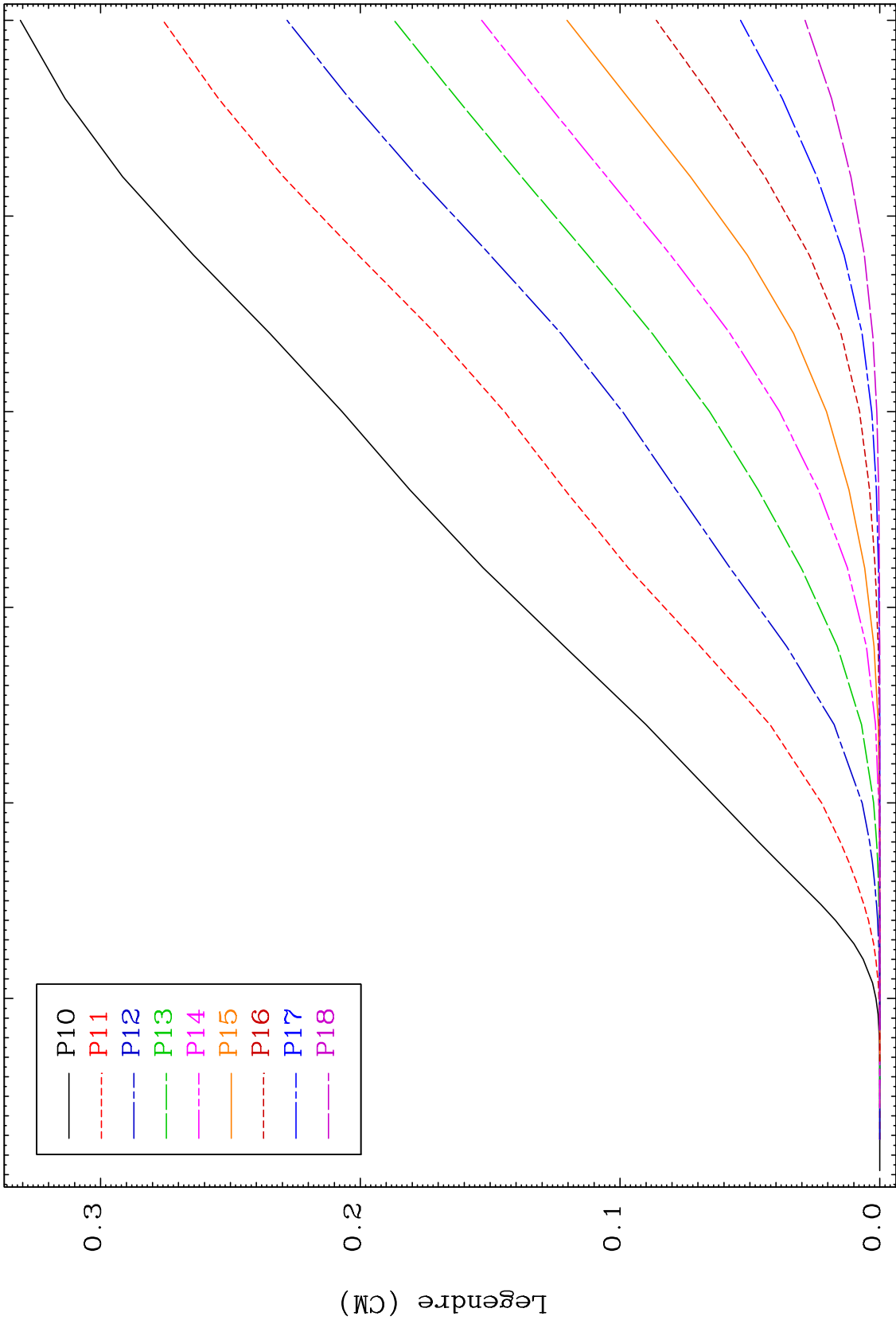




MAT 5858

Elastic Legendre Coefficients

58-Ce-147



17

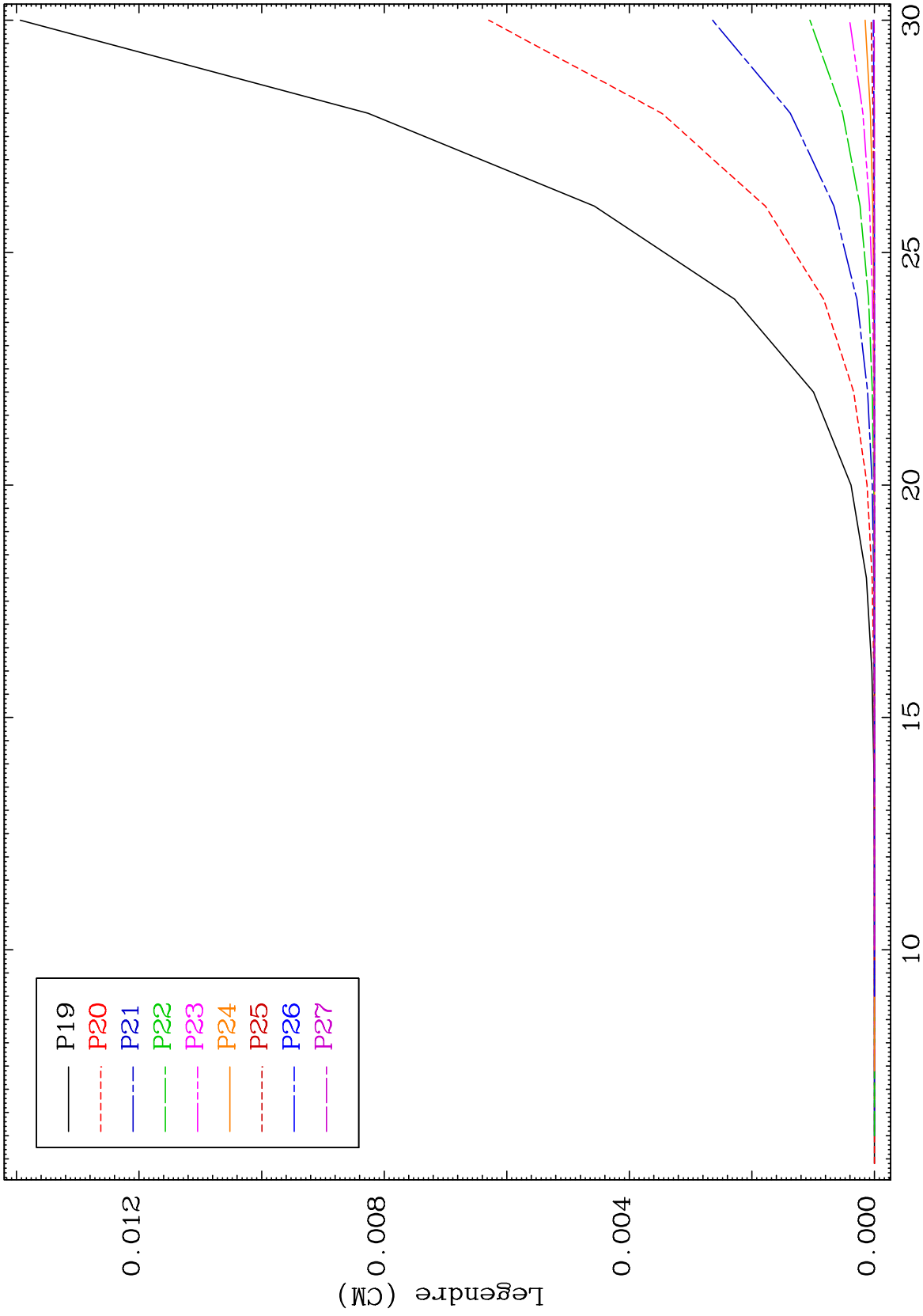
Incident Energy (MeV)

58-Ce-147

MAT 5858

Elastic Legendre Coefficients

58-Ce-147



18

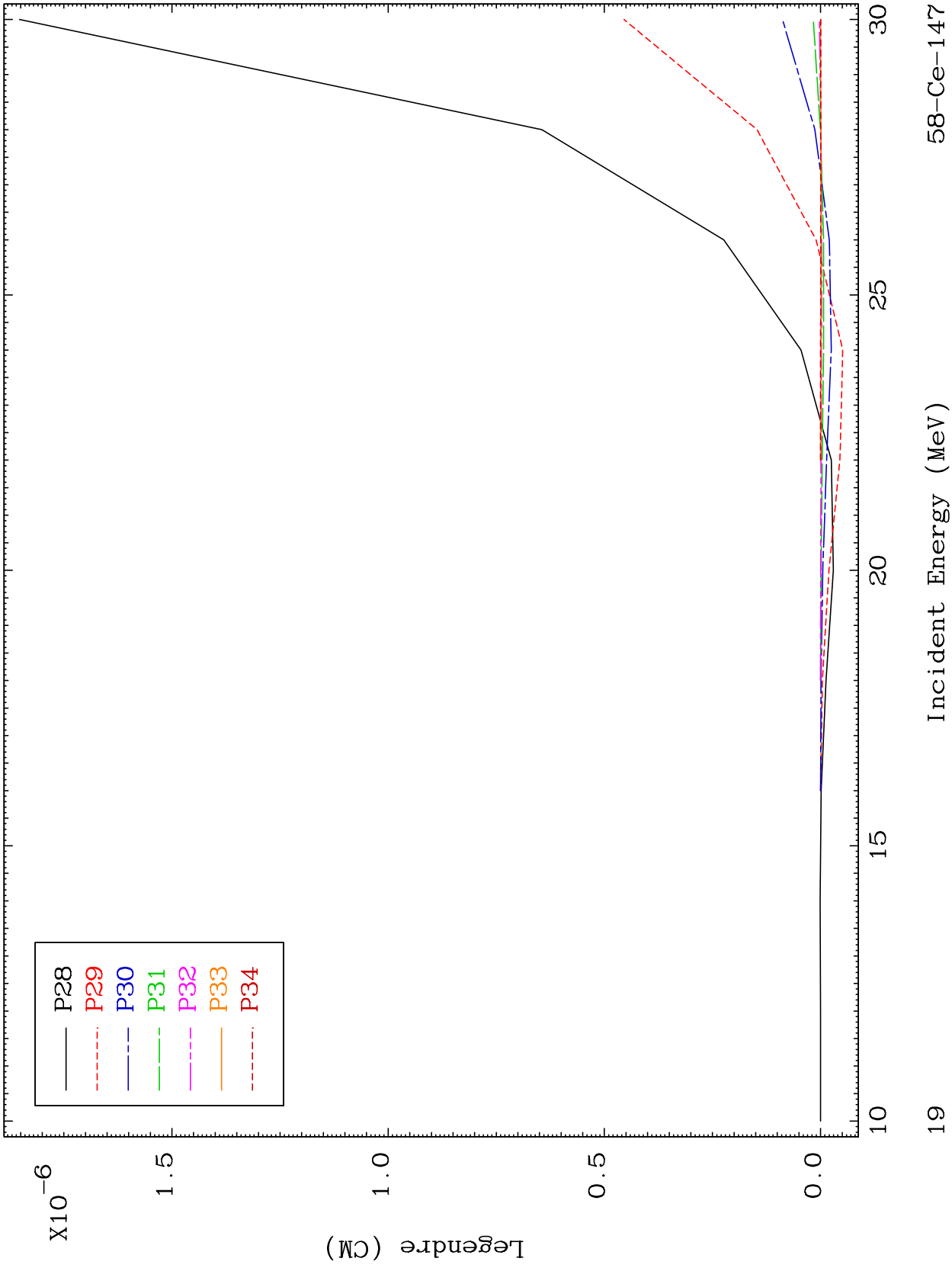
Incident Energy (MeV)

58-Ce-147

MAT 5858

Elastic Legendre Coefficients

58-Ce-147



19

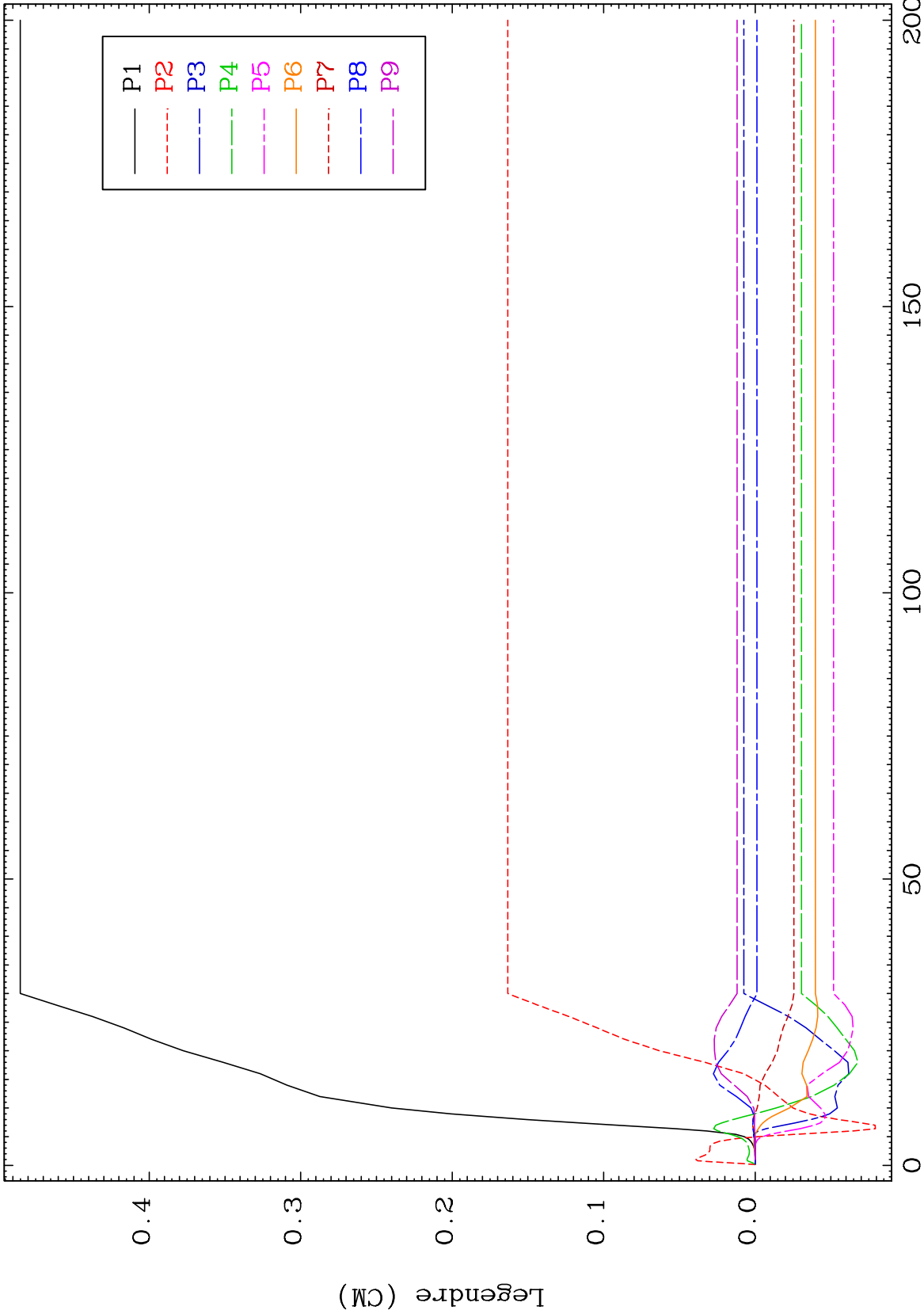
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

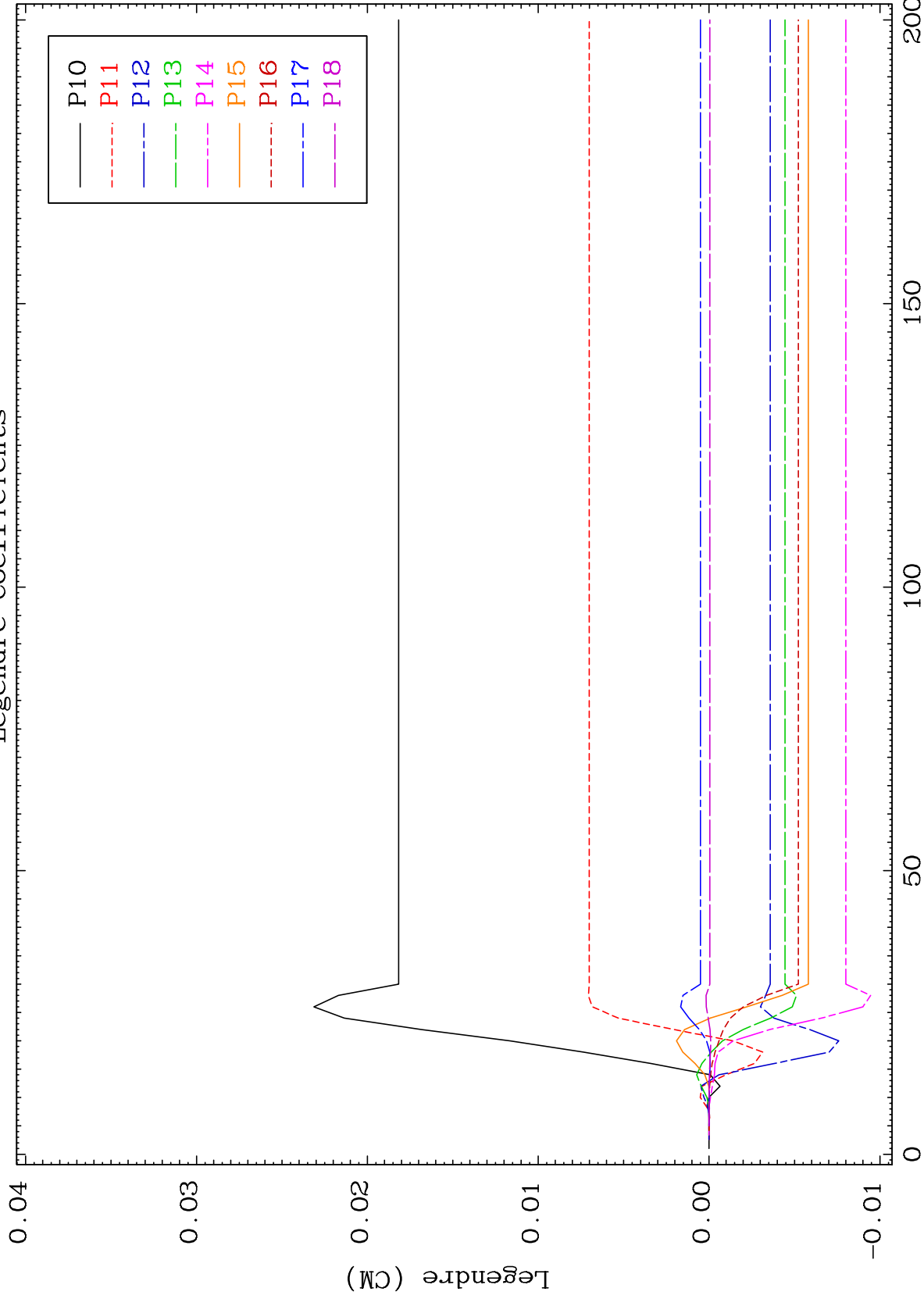
Incident Energy (MeV)

Legendre (CM)

MAT 5858

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

58-Ce-147



21

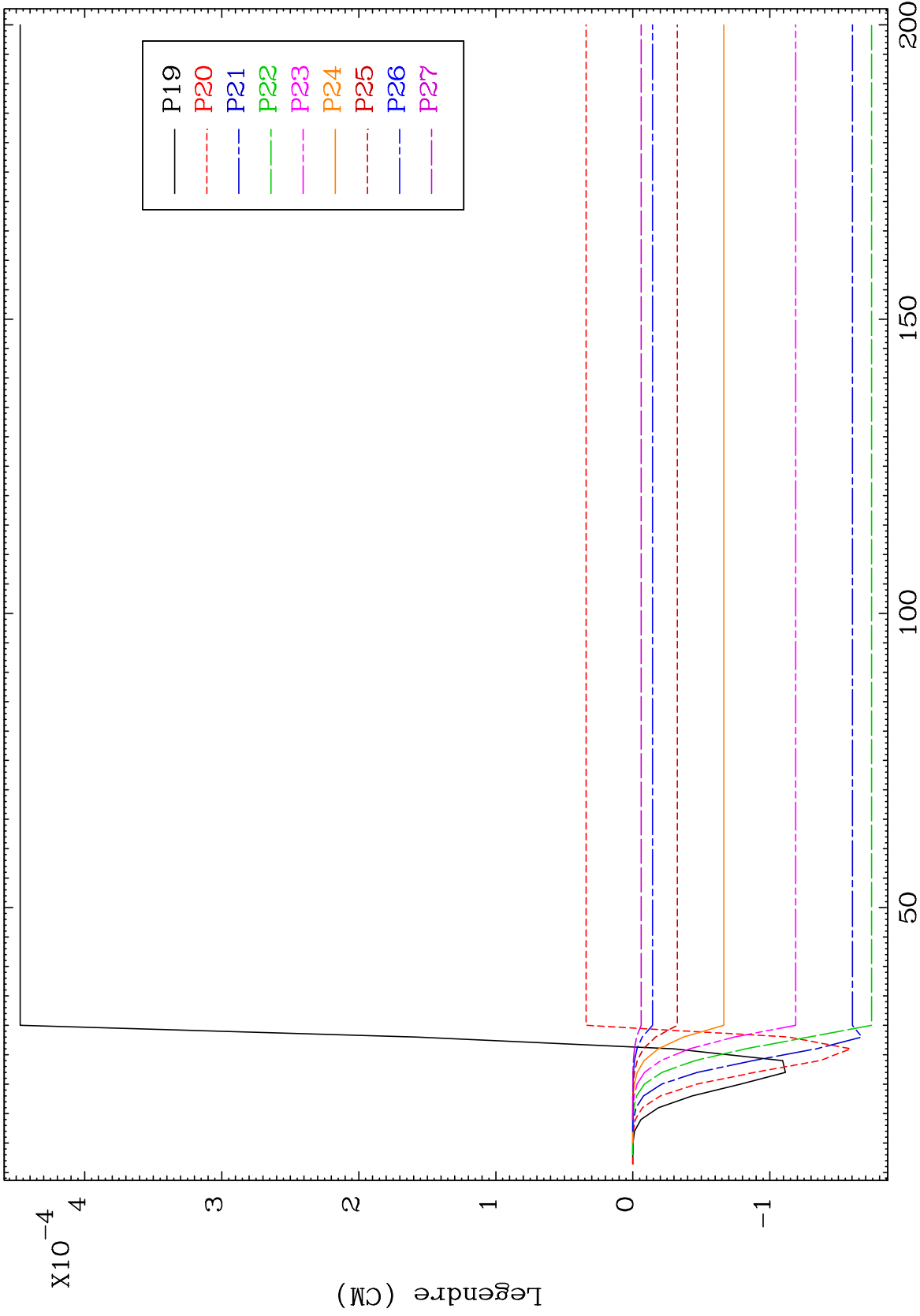
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



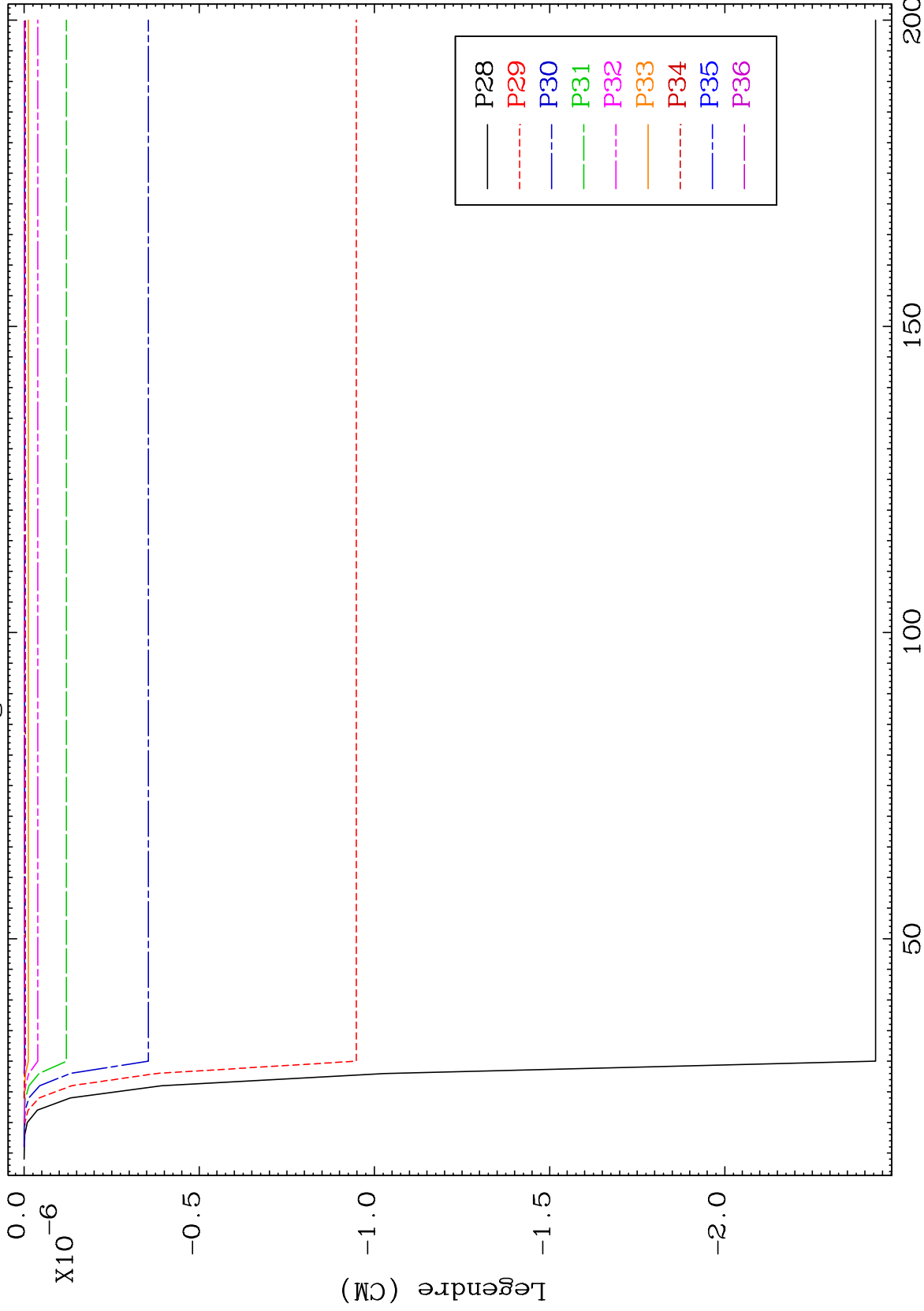
22

58-Ce-147

MAT 5858

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

58-Ce-147



23

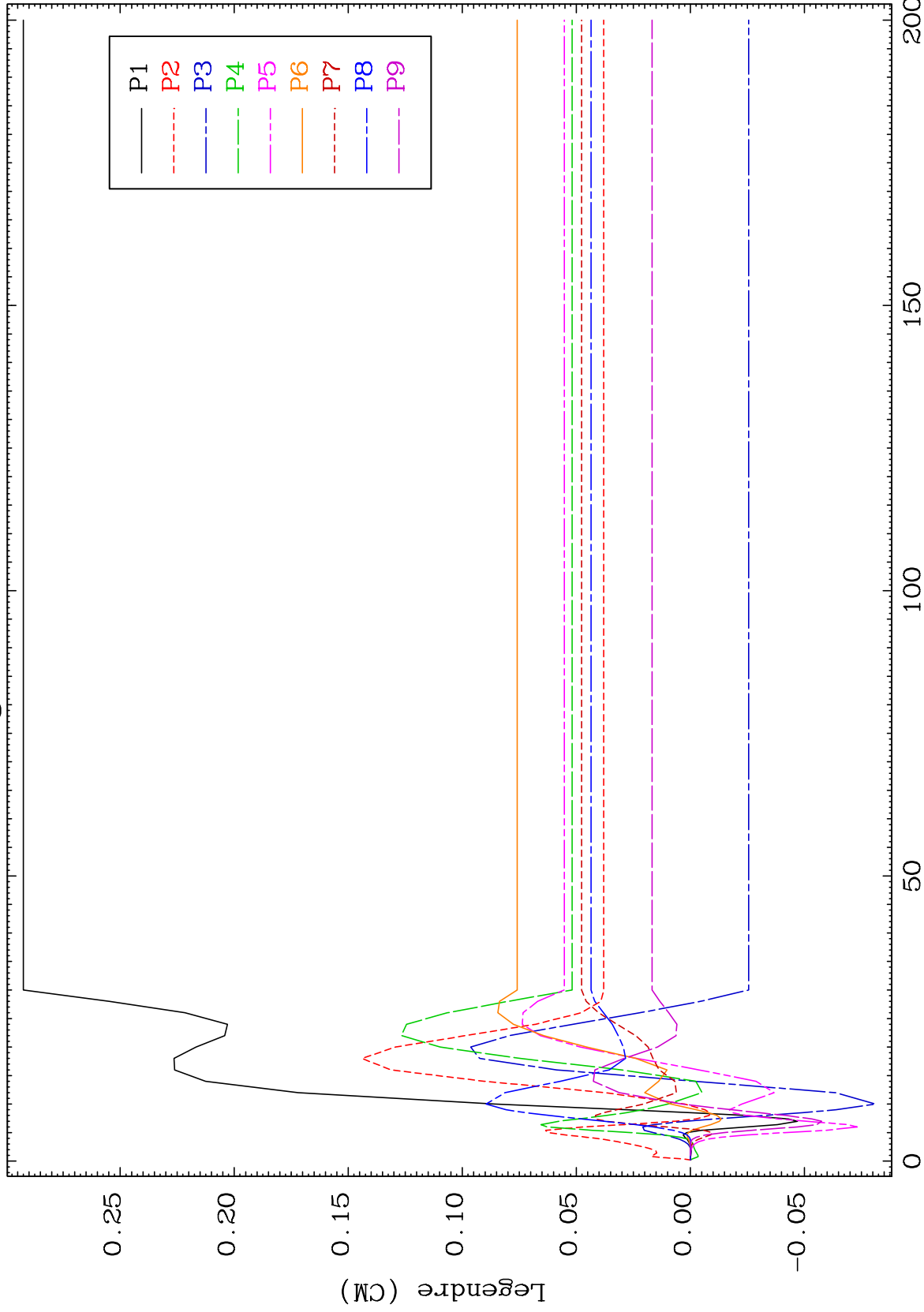
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



24

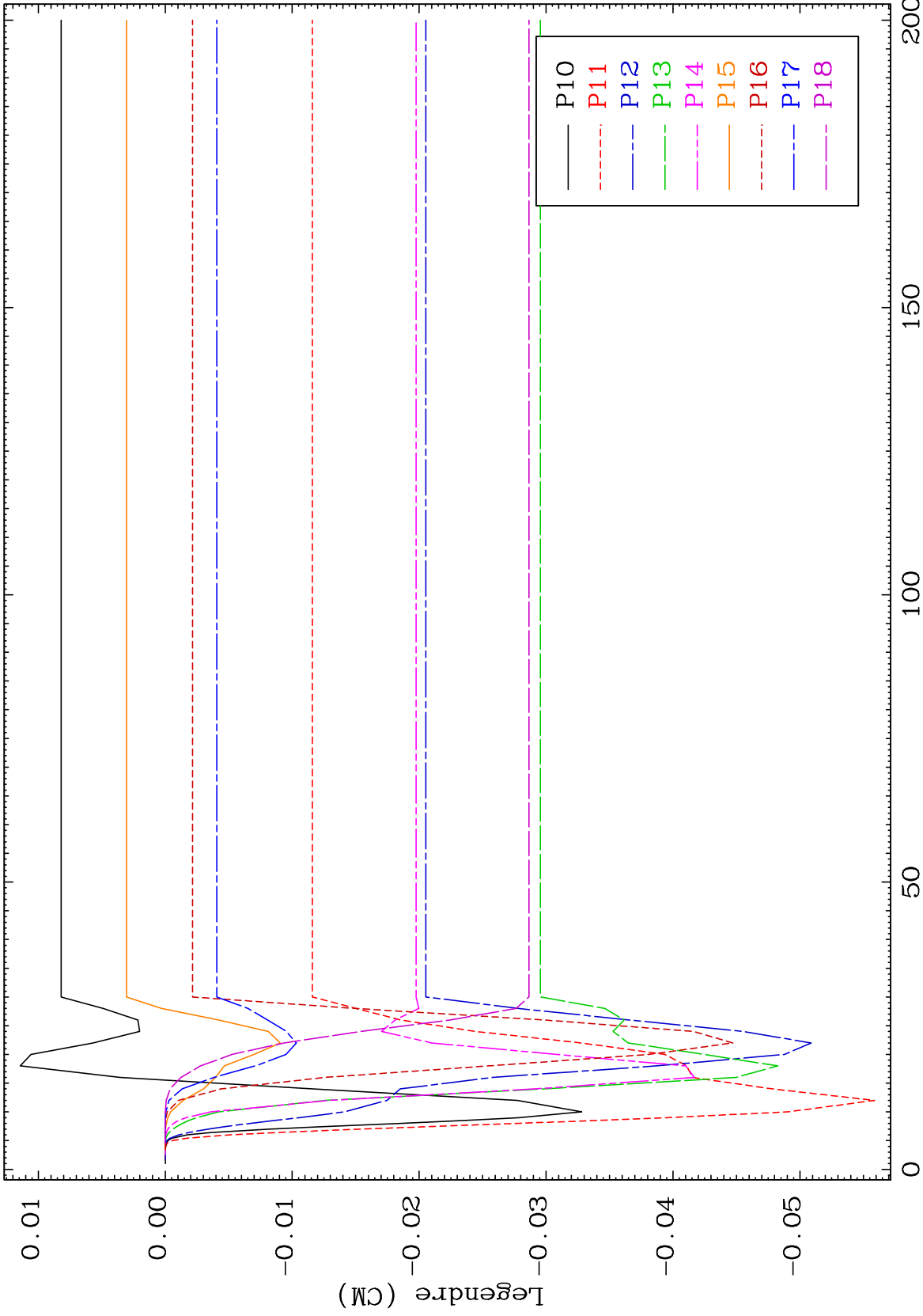
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



0

50

100

150

200

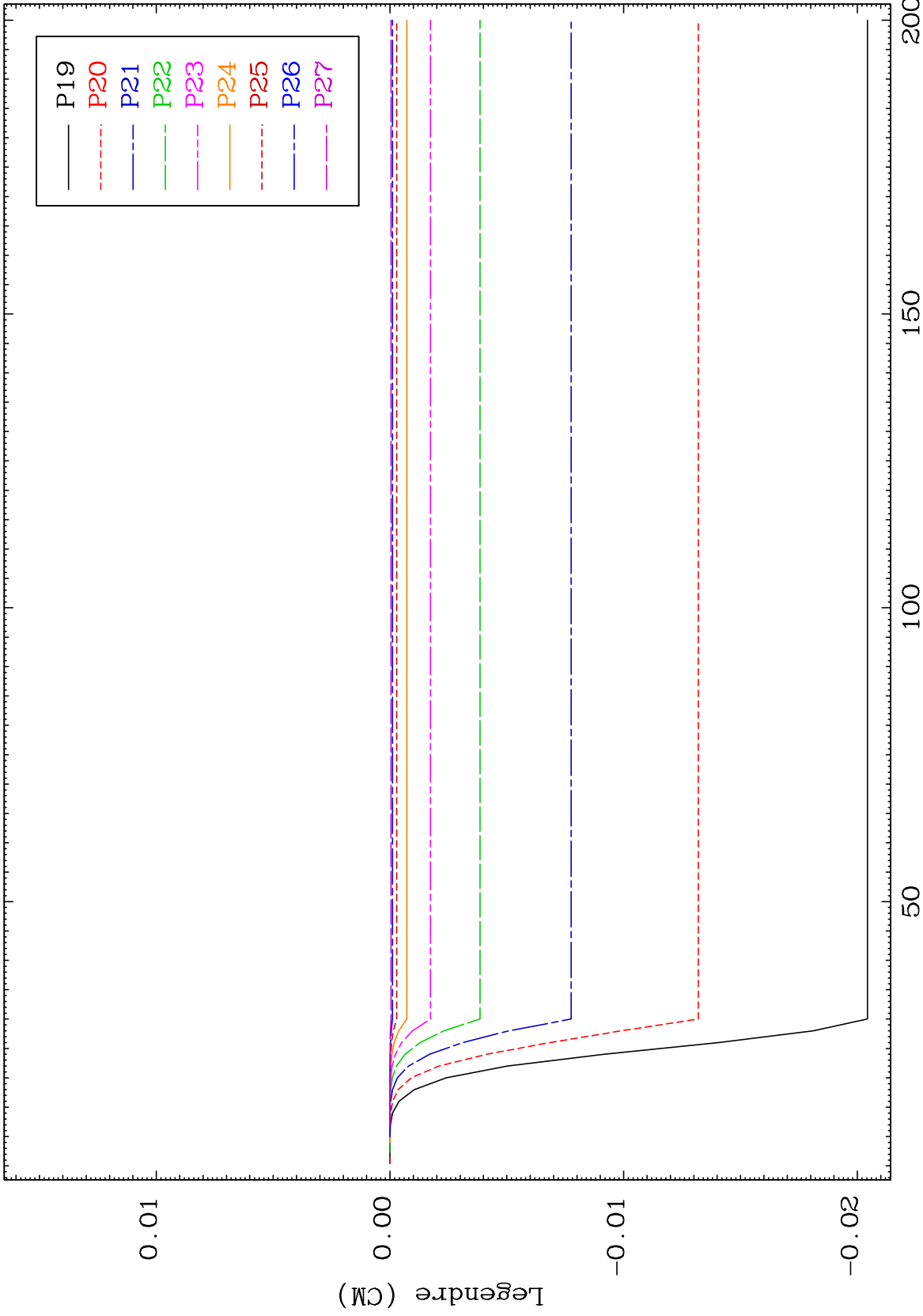
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



26

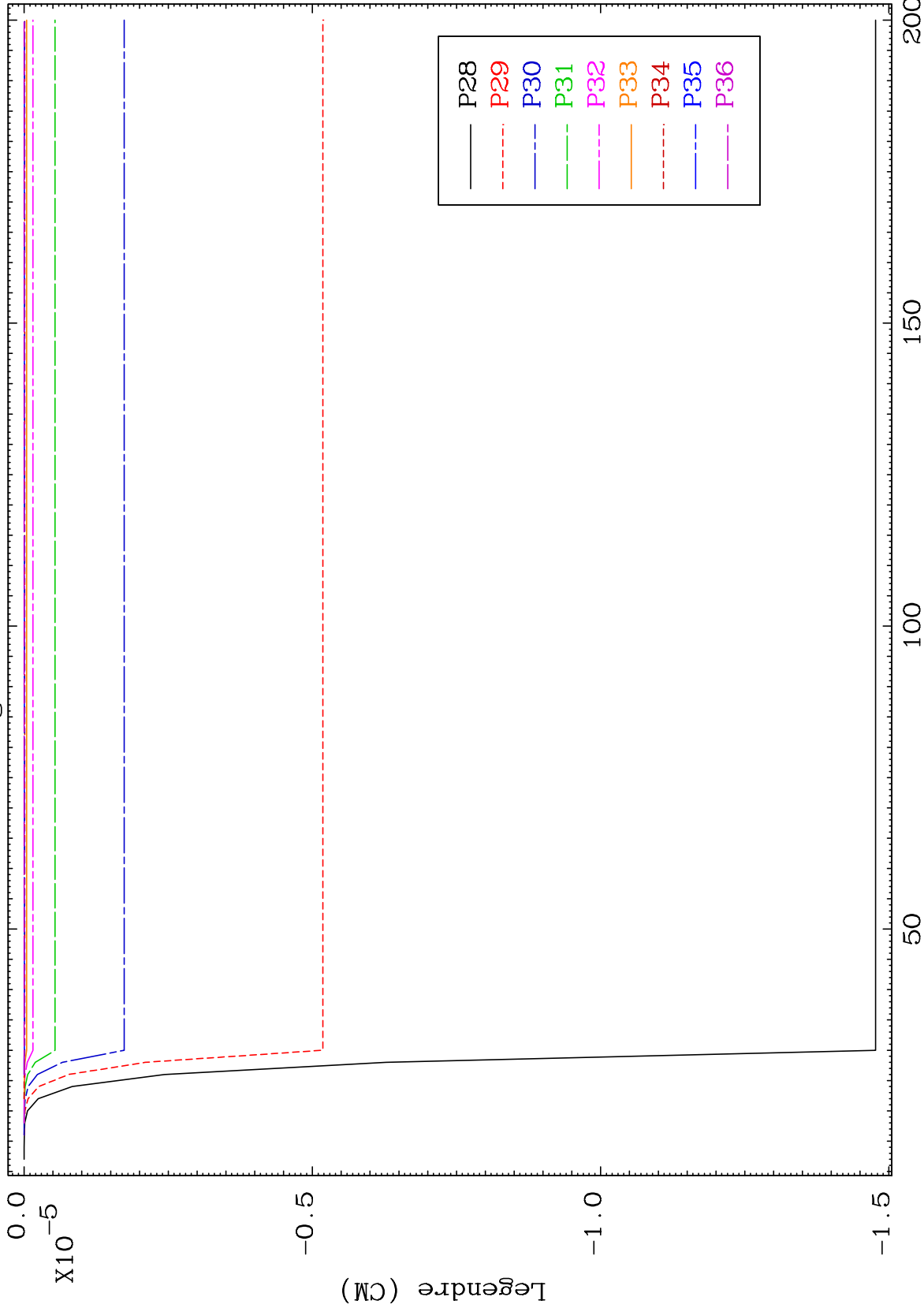
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



27

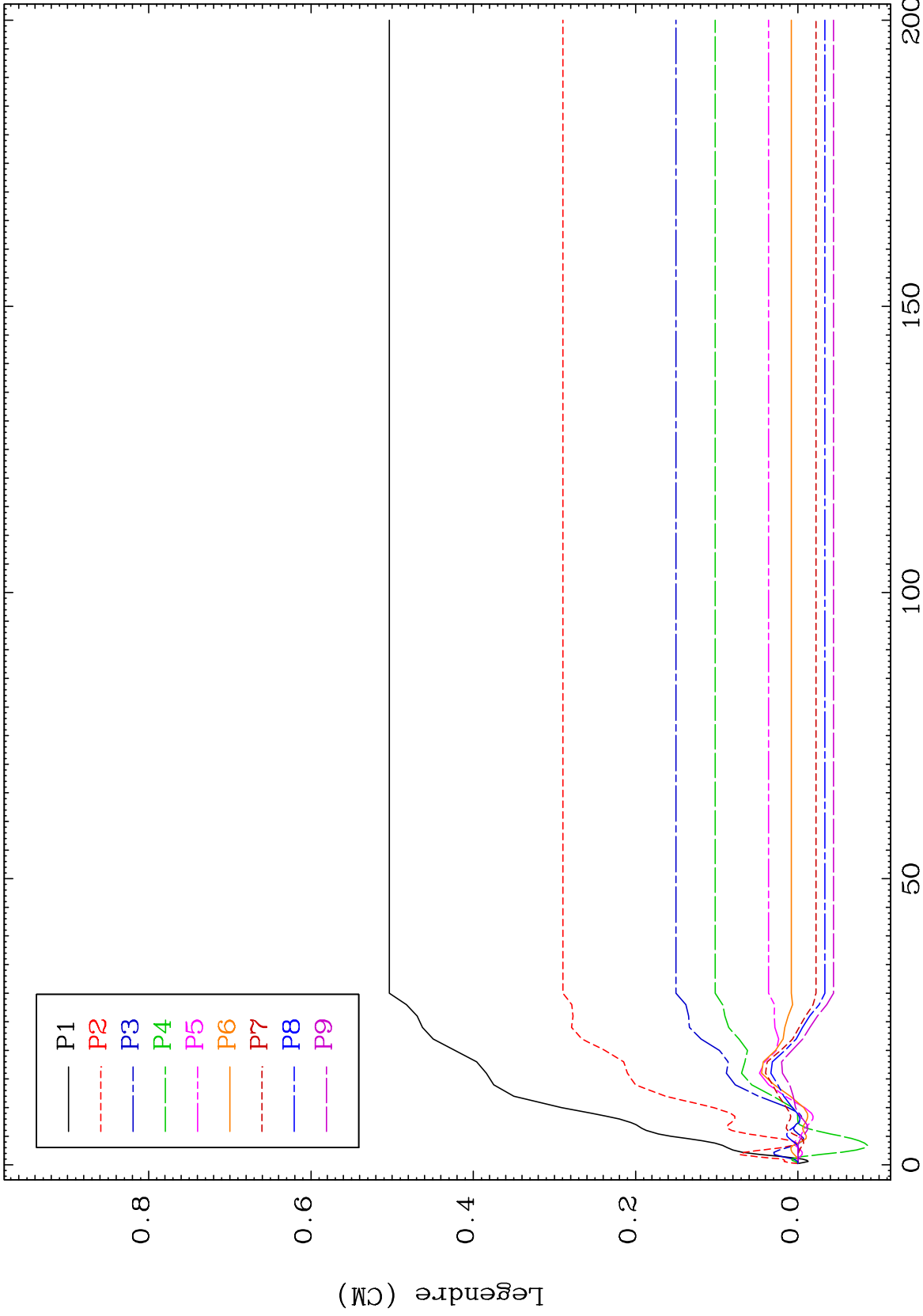
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



28

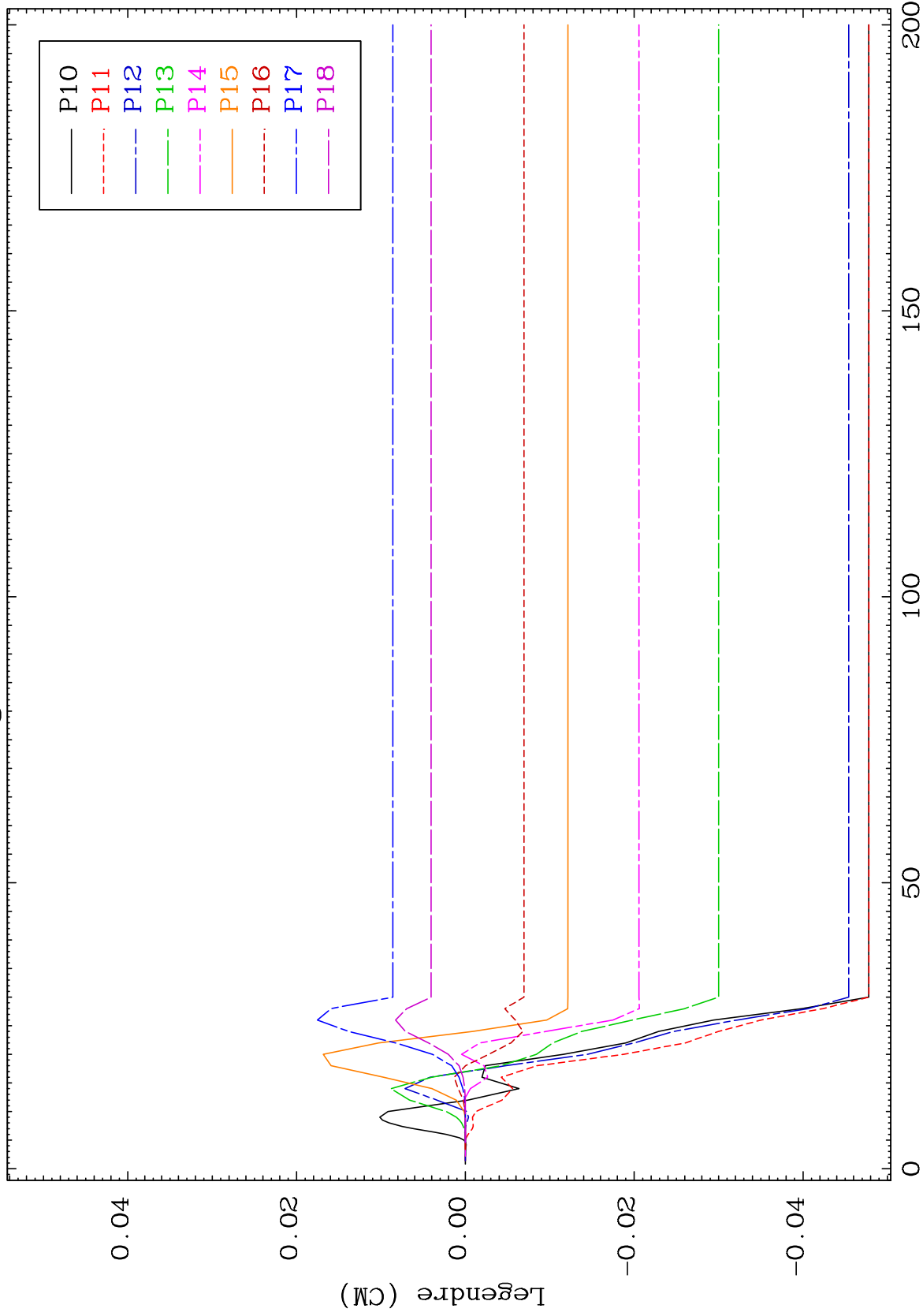
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



29

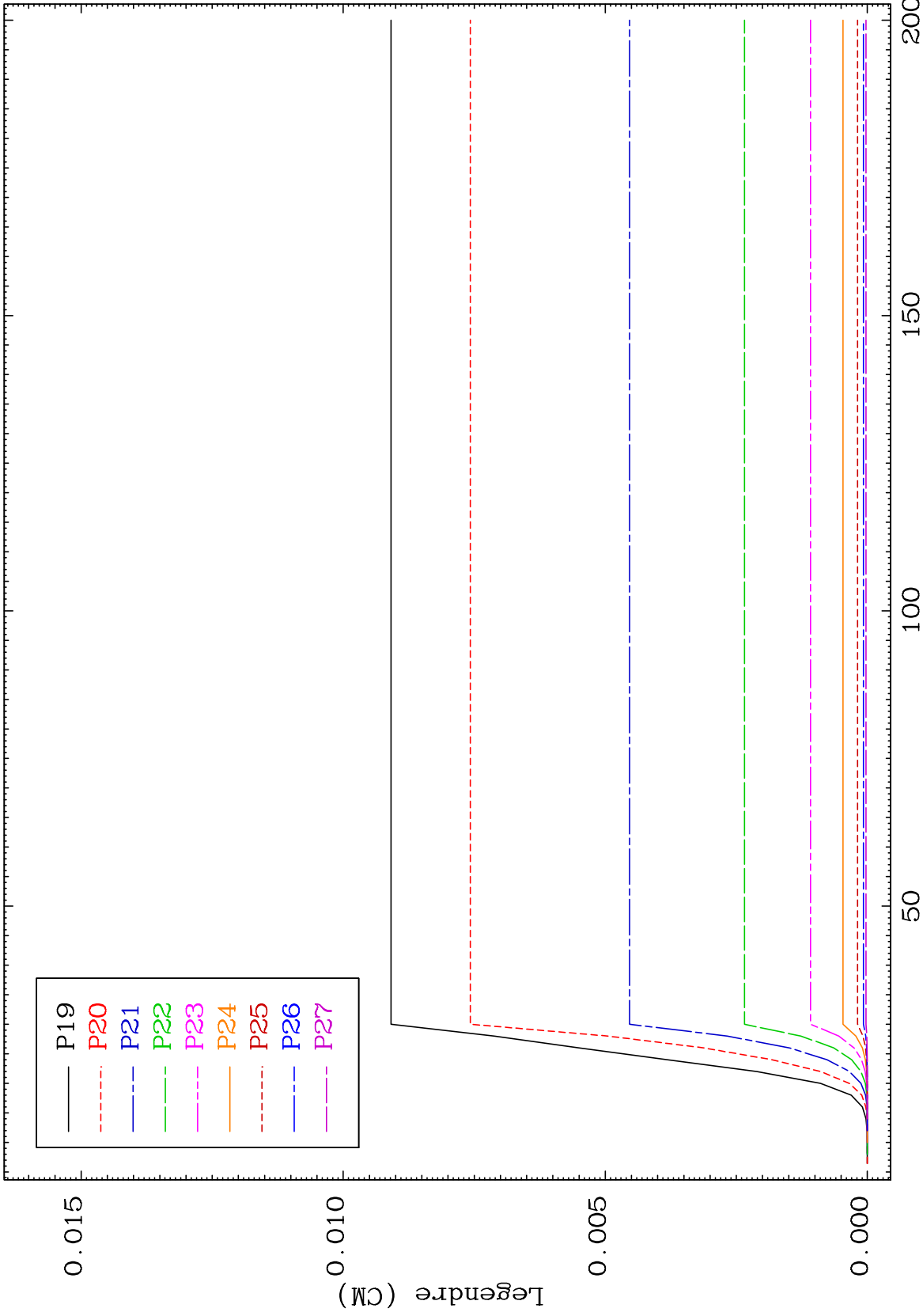
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



30

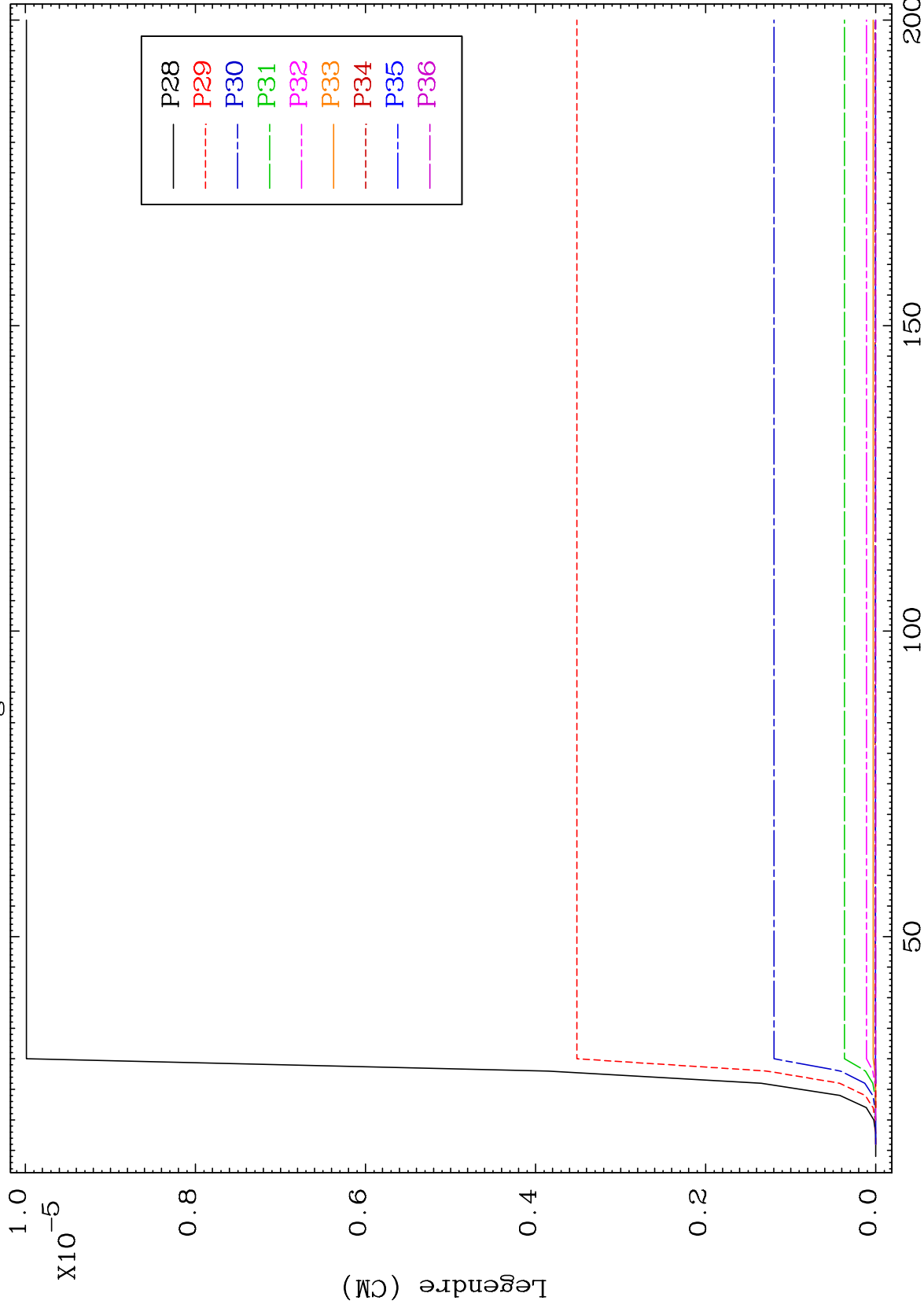
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



31

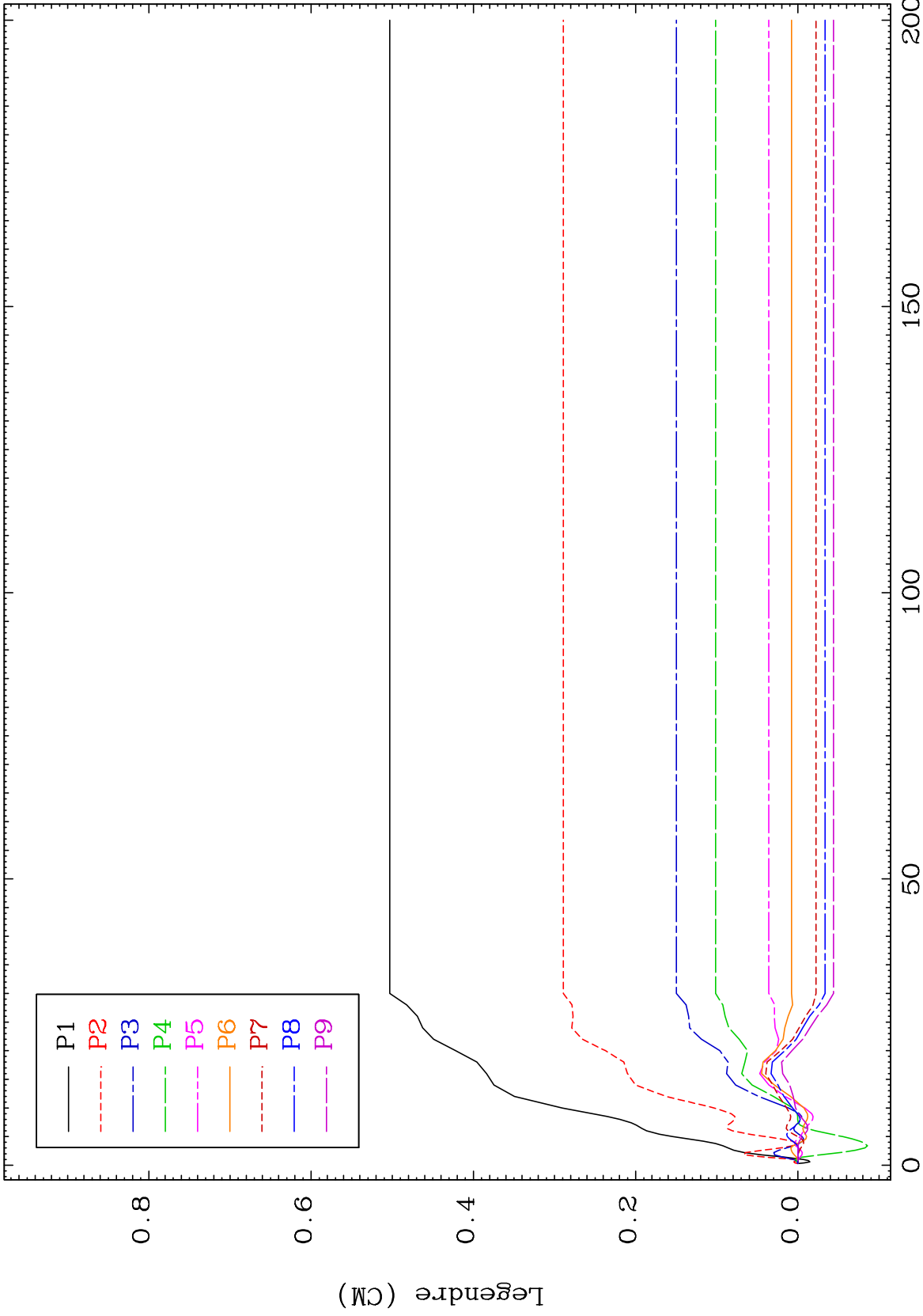
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



32

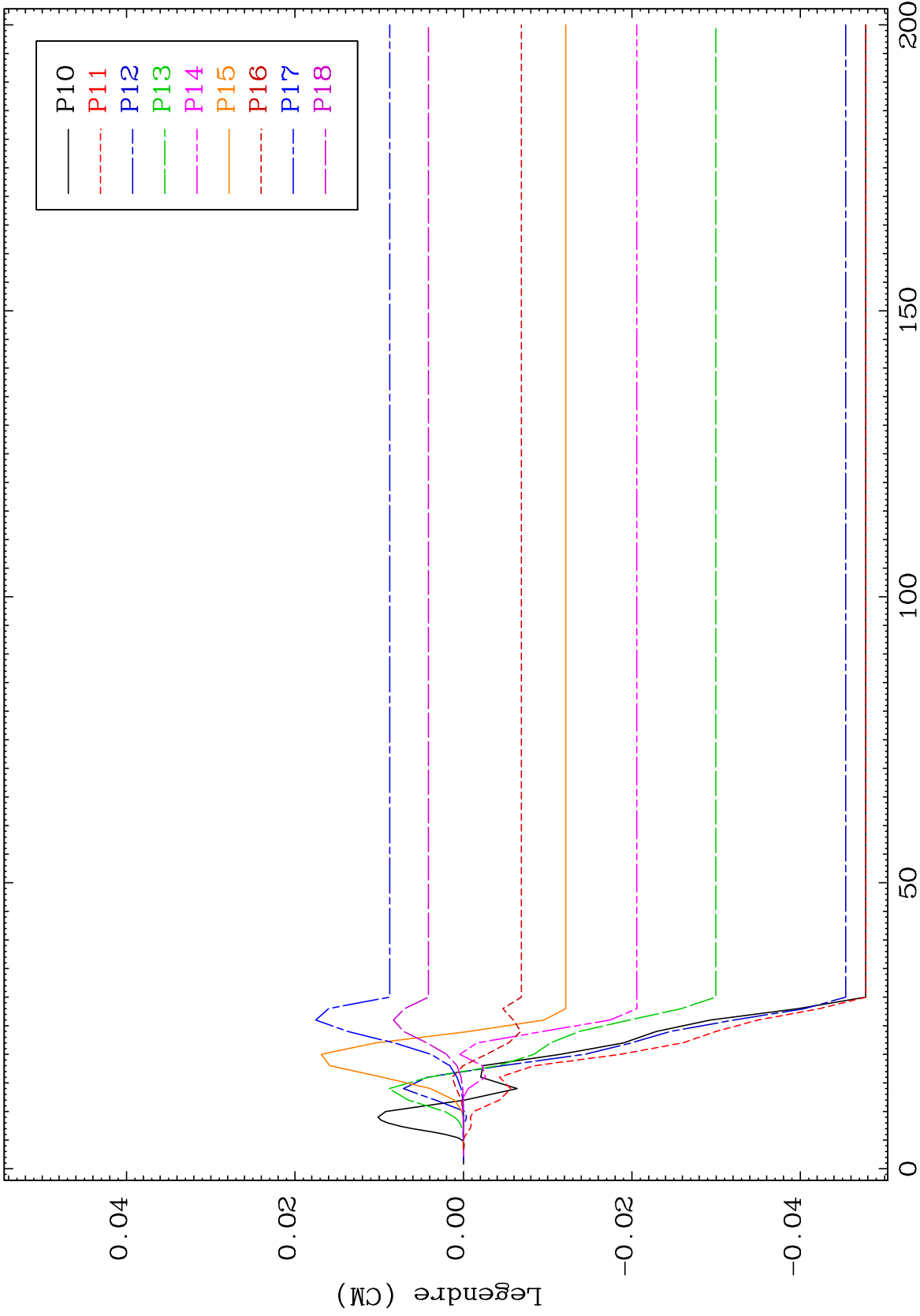
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



33

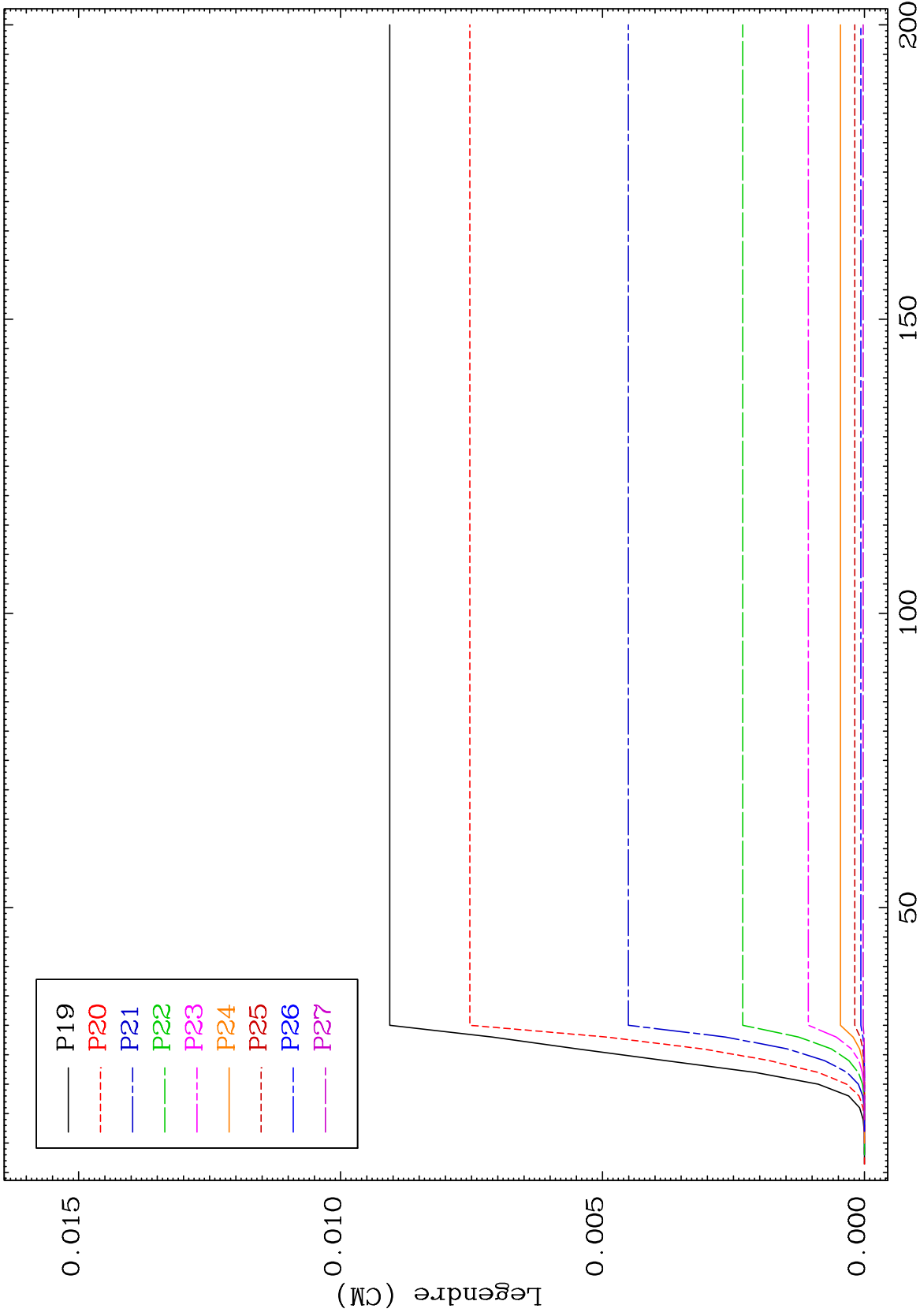
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



34

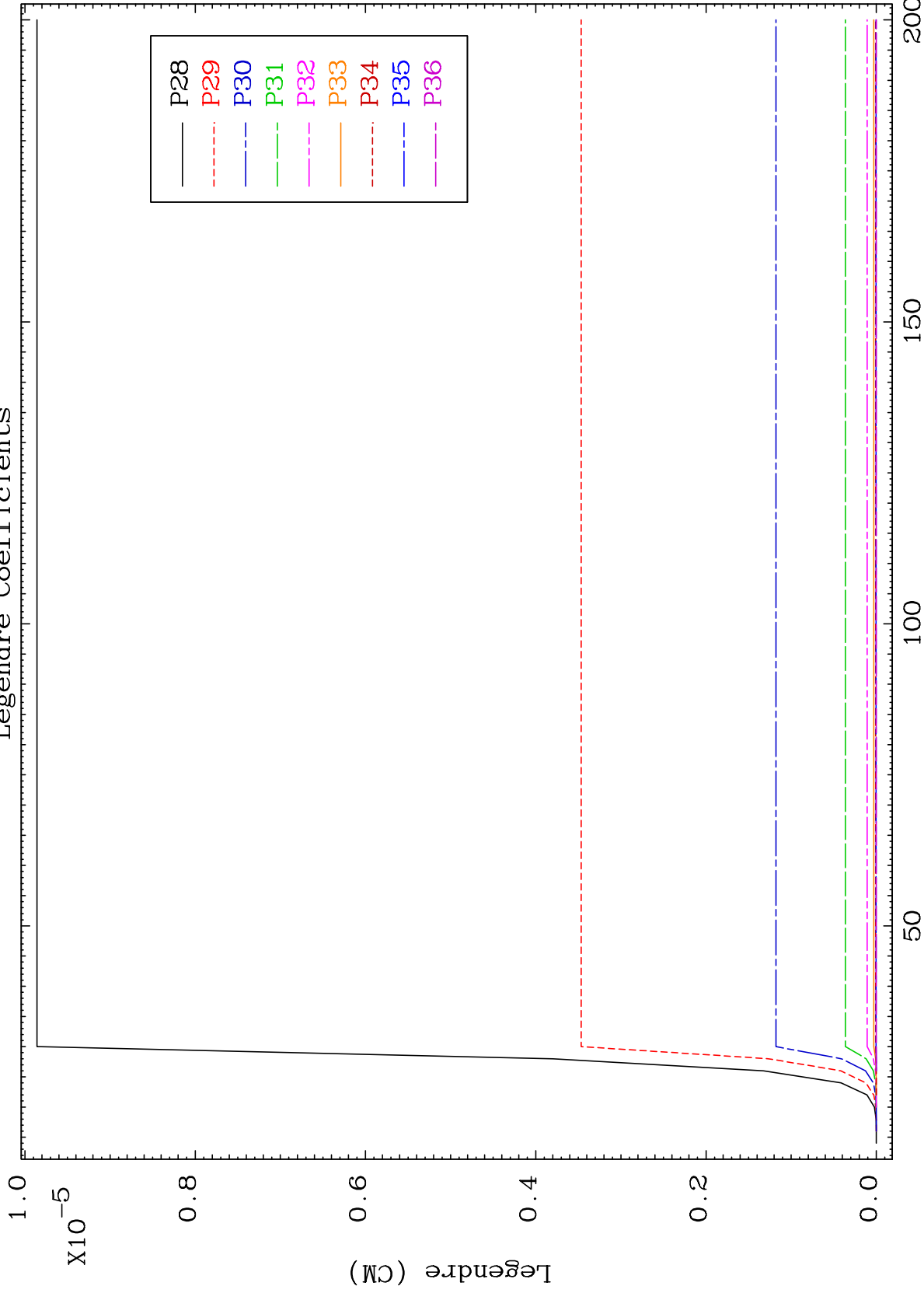
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



35

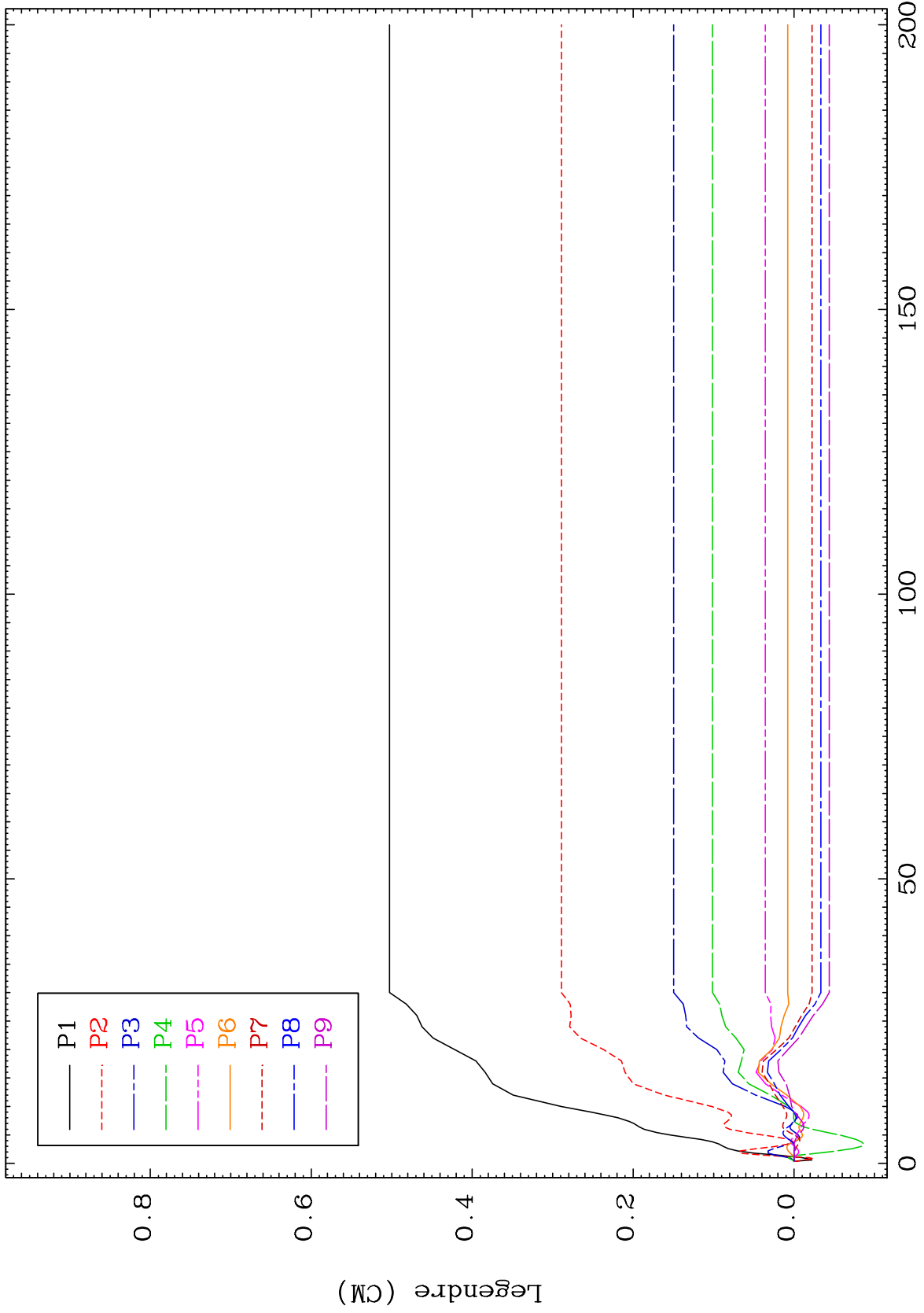
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



36

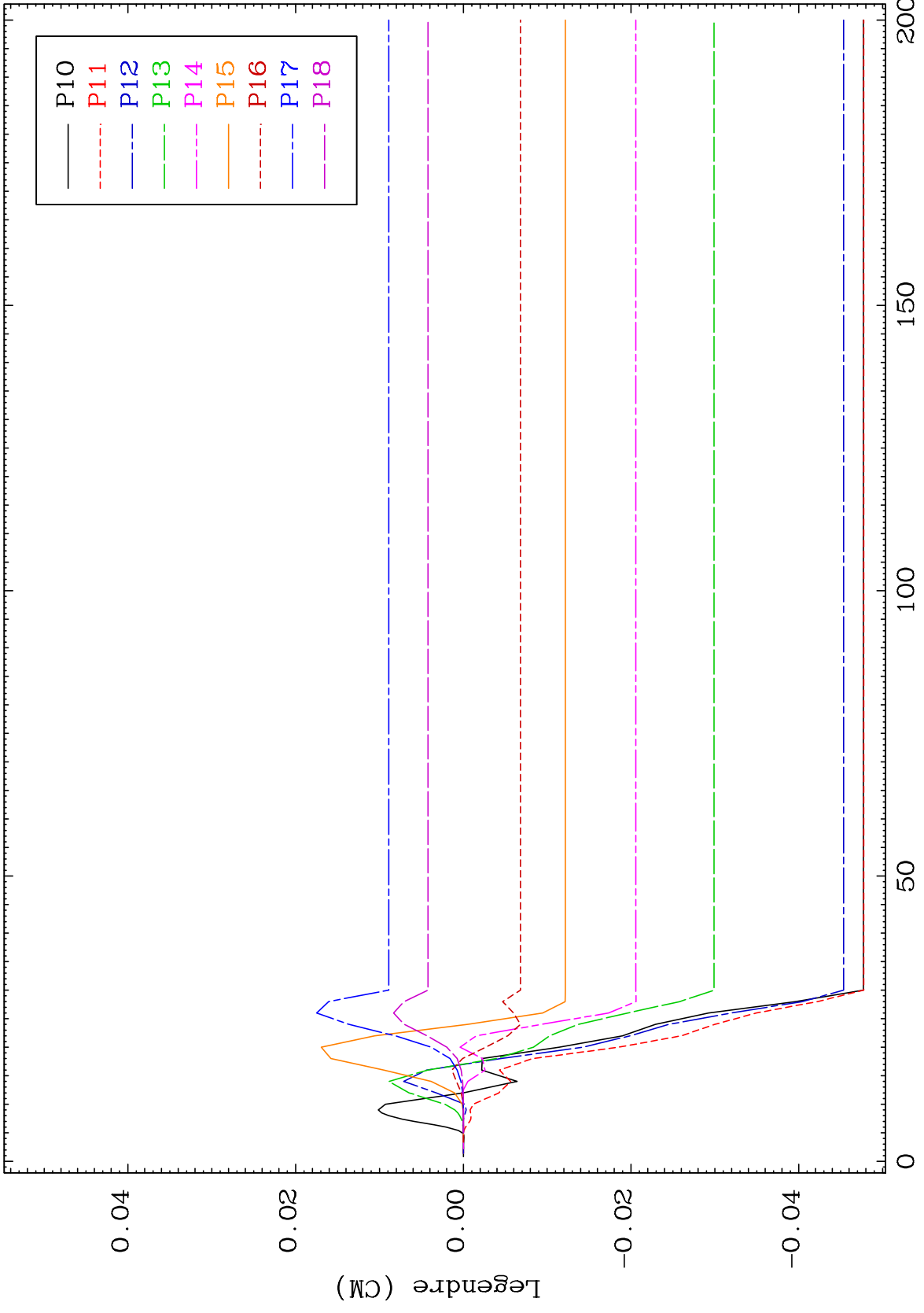
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



37

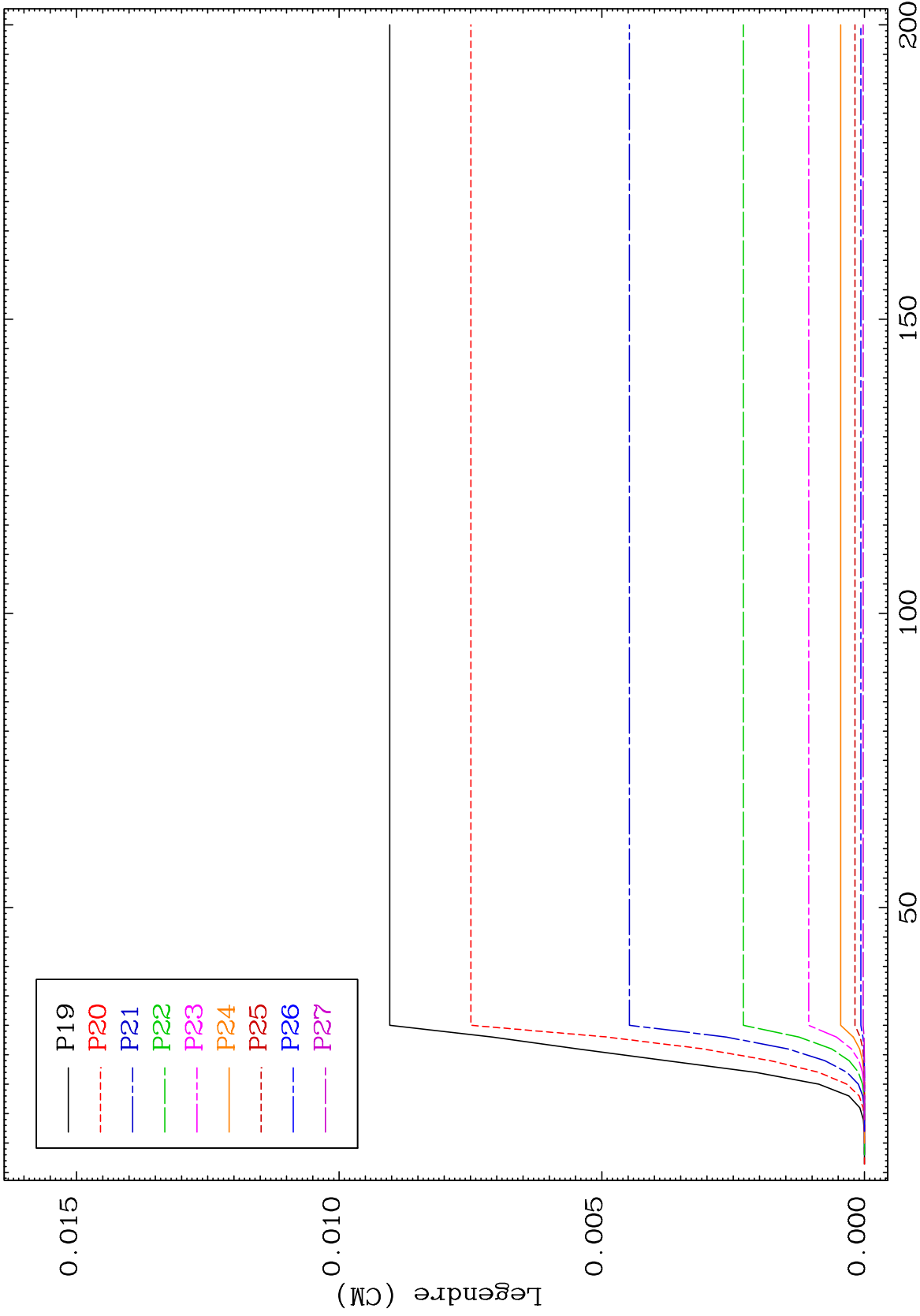
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



38

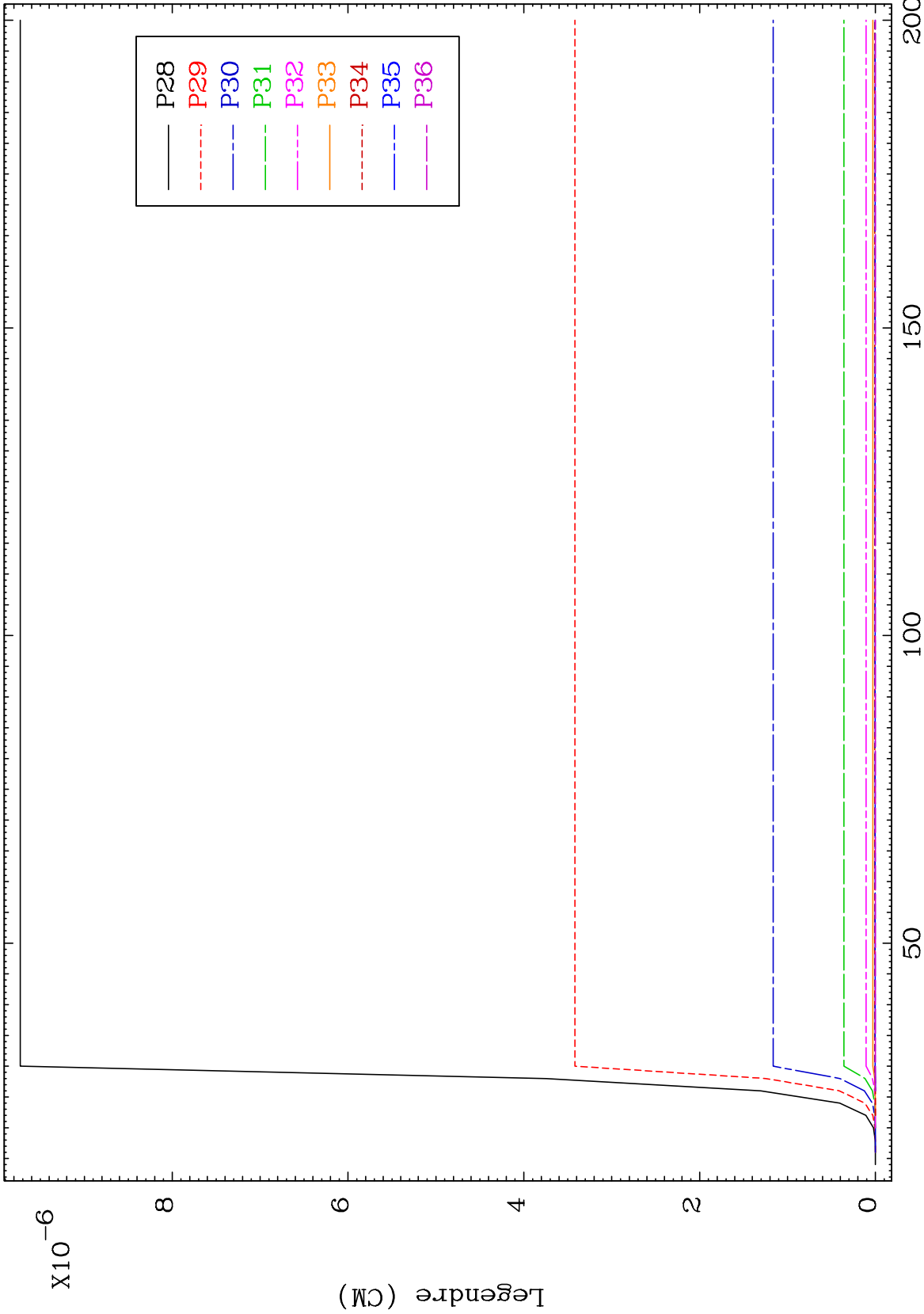
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147

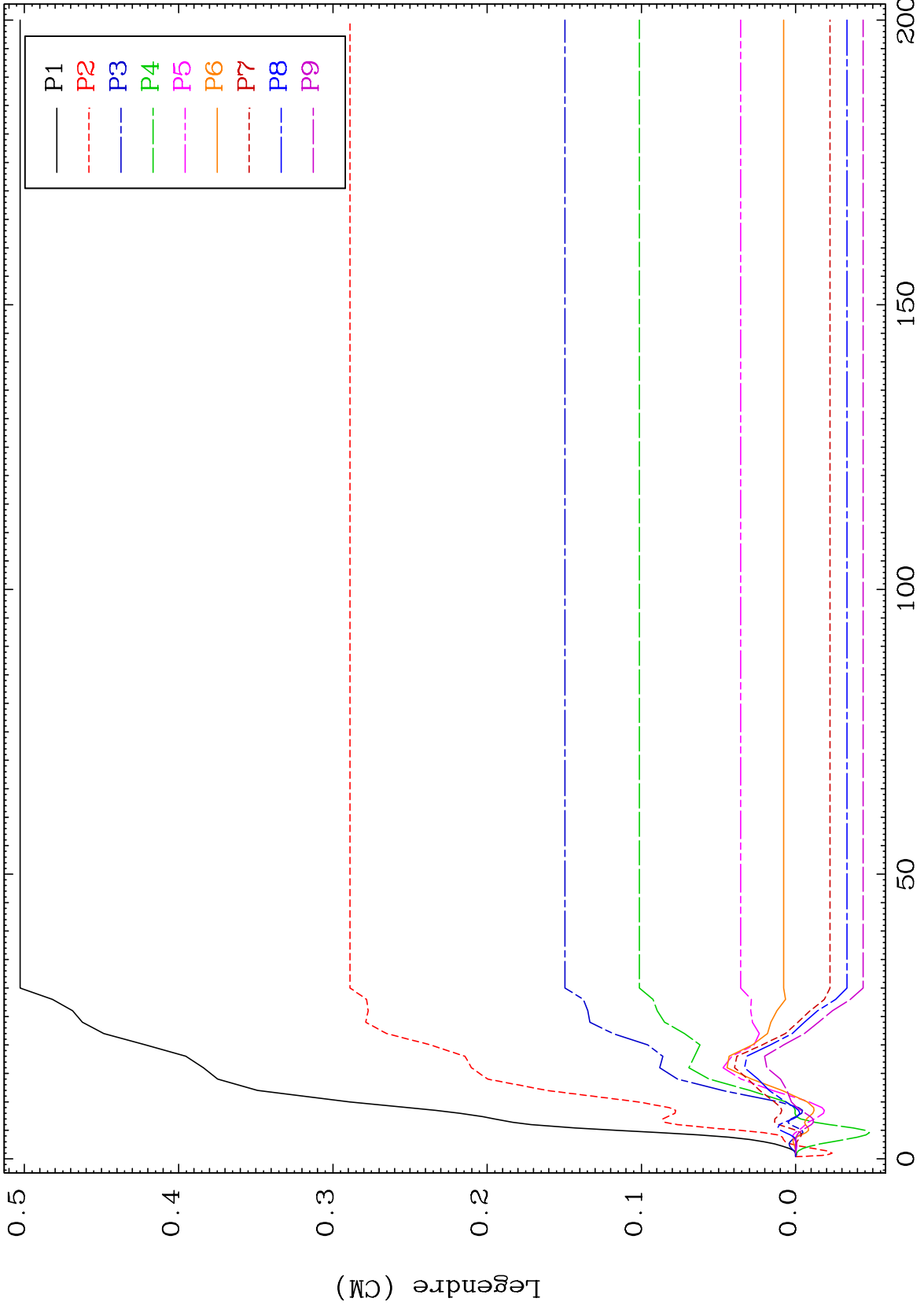


39

Incident Energy (MeV)

58-Ce-147

MAT 5858 MT= 56 (n,n') Level Legendre Coefficients 58-Ce-147

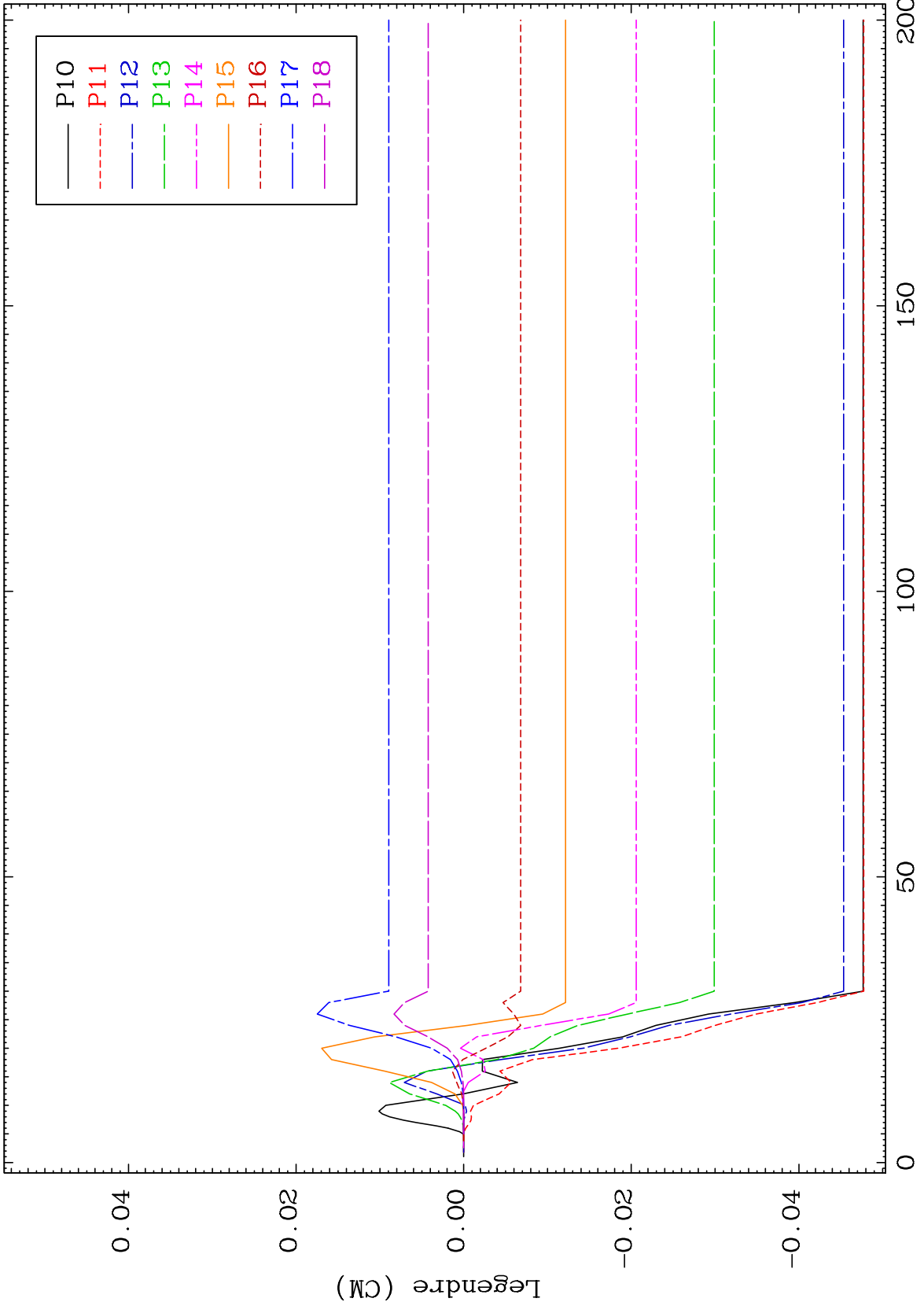


58-Ce-147

MAT 5858

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

58-Ce-147



41

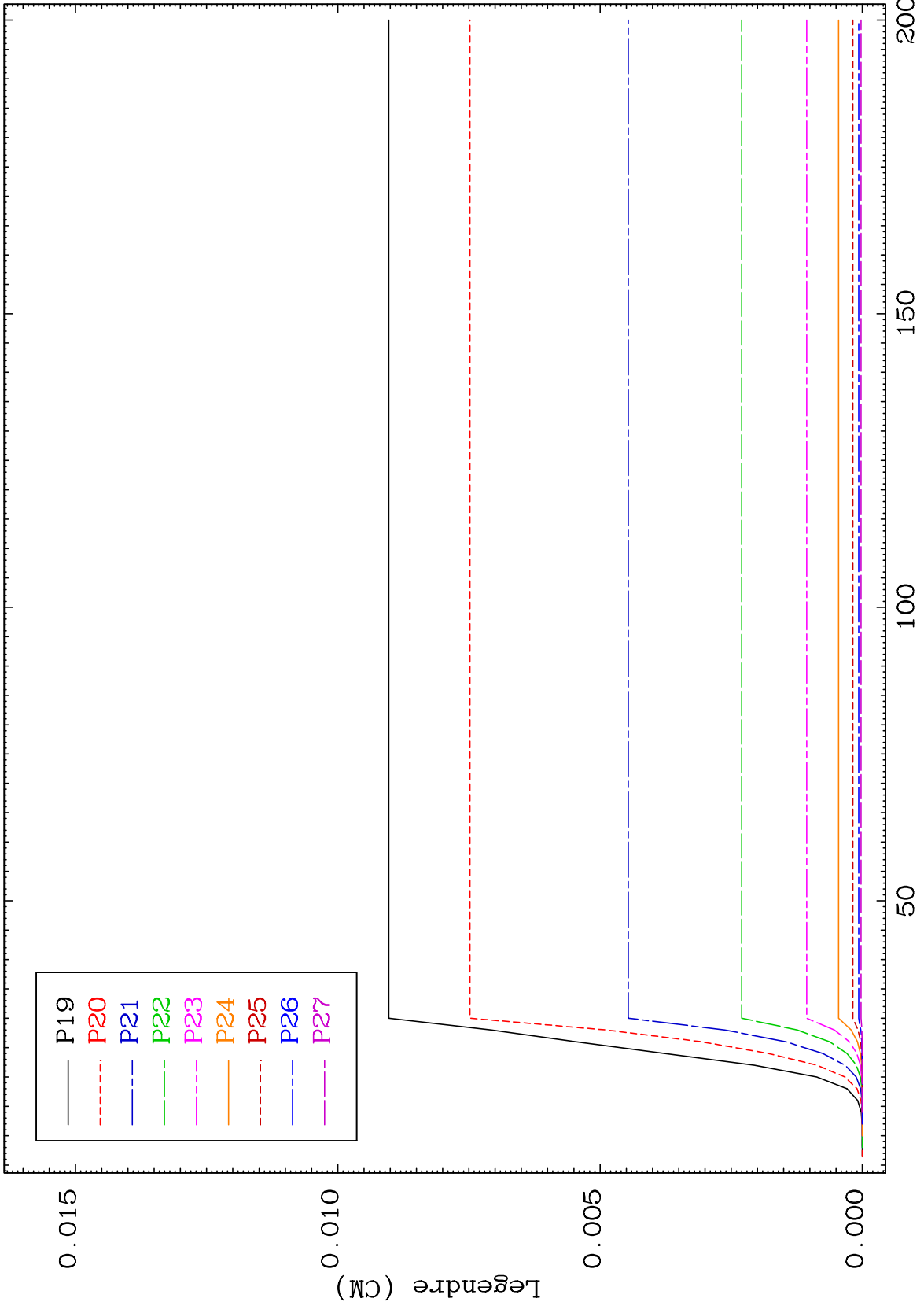
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



42

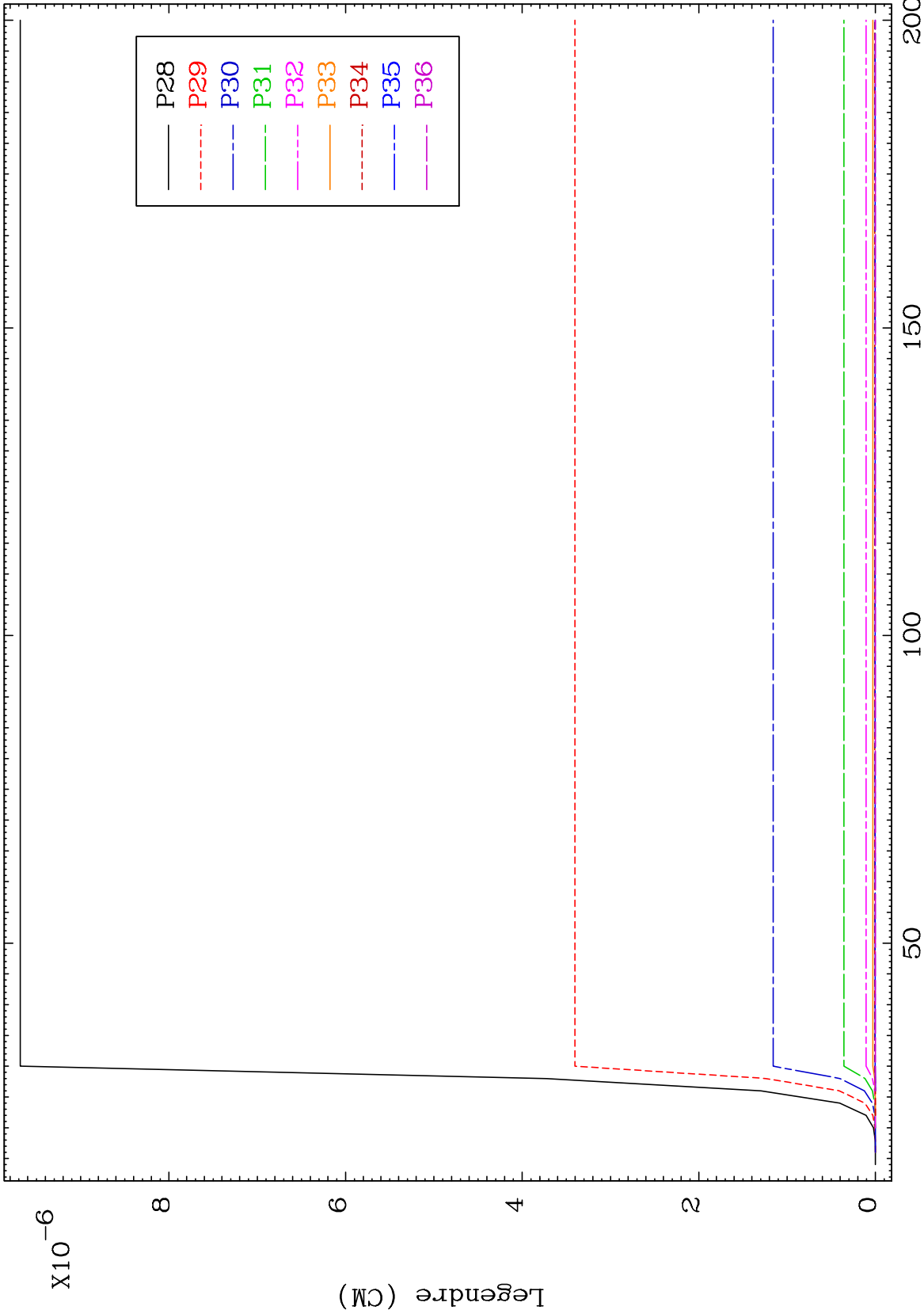
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



43

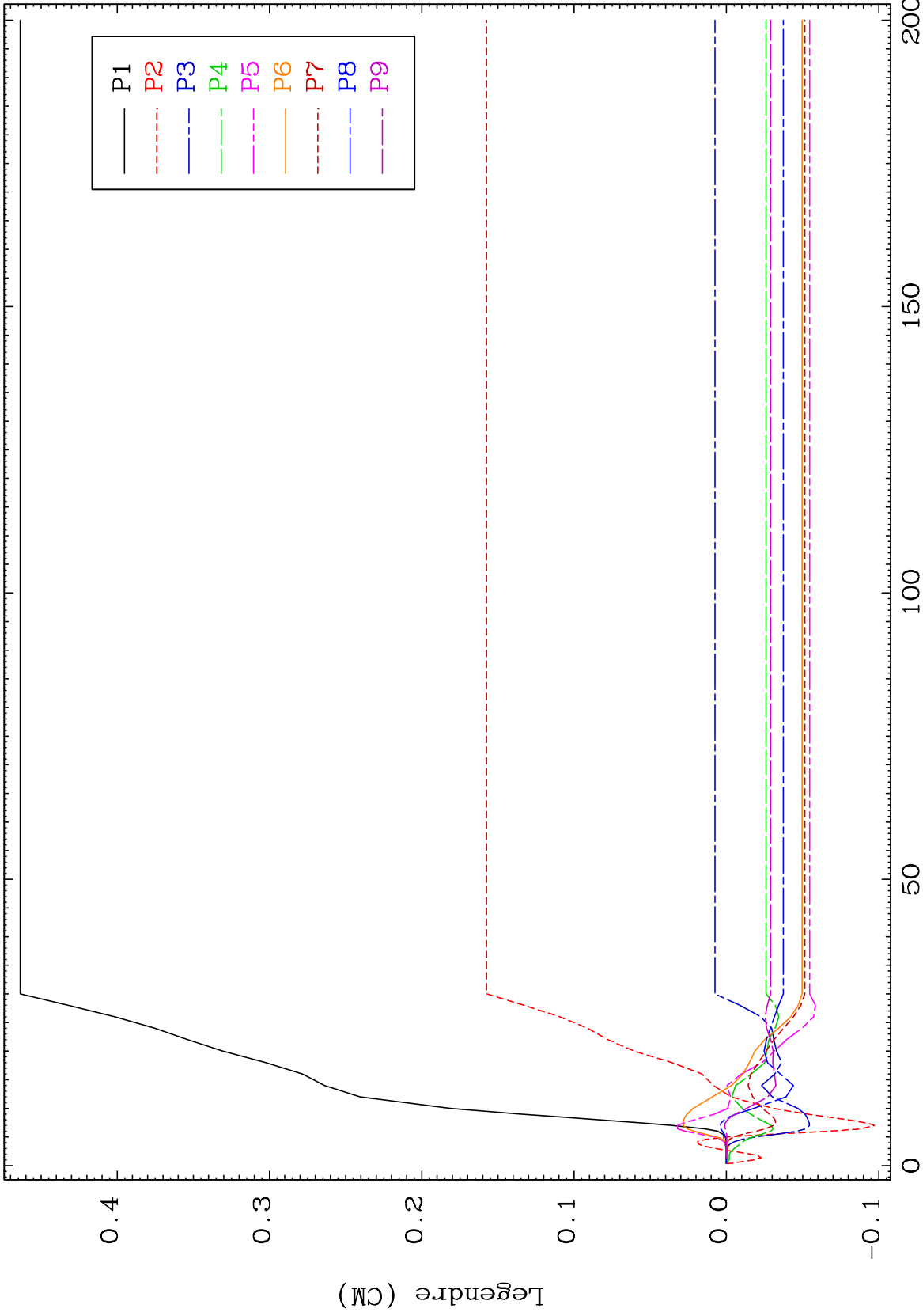
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



44

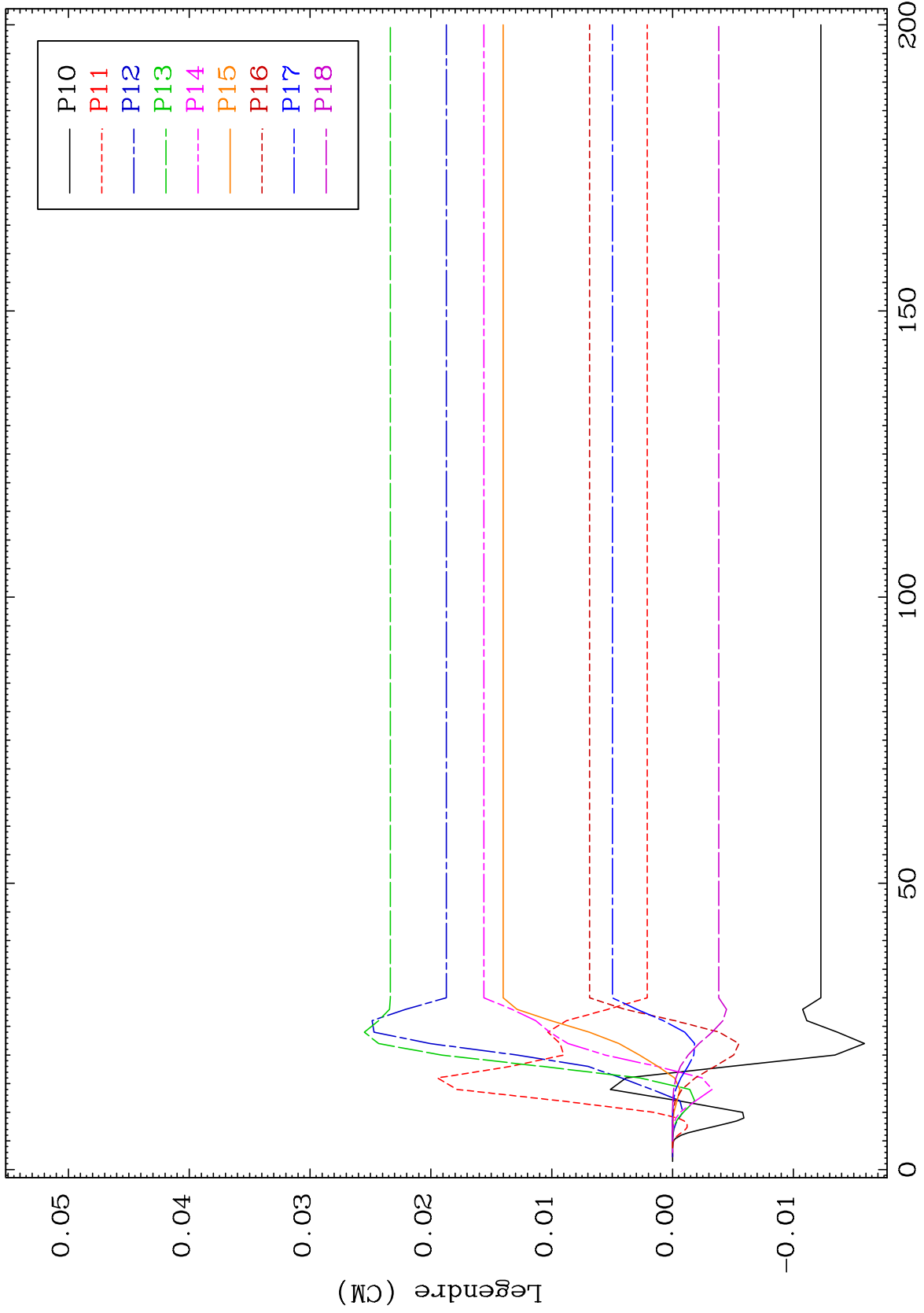
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



45

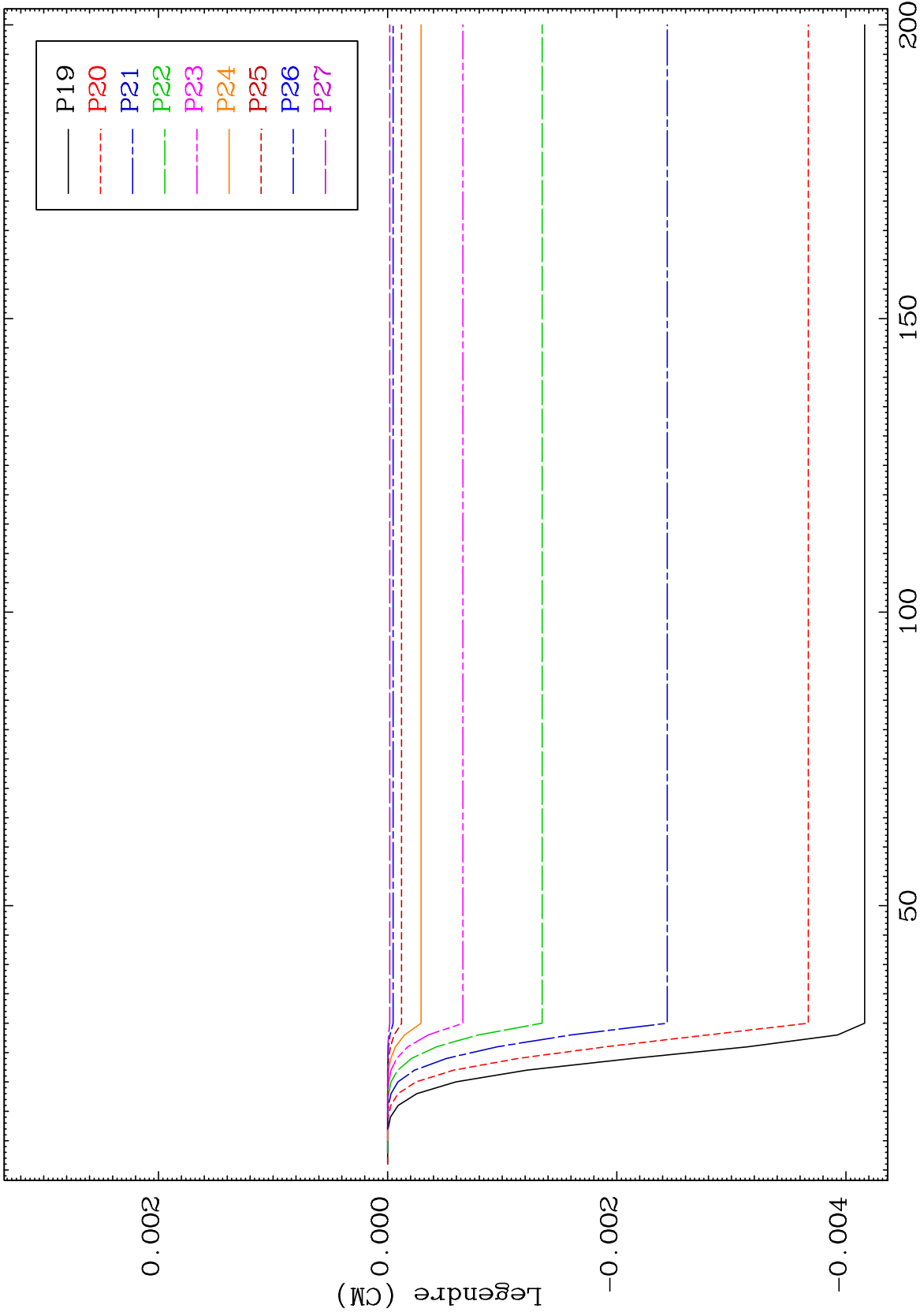
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



46

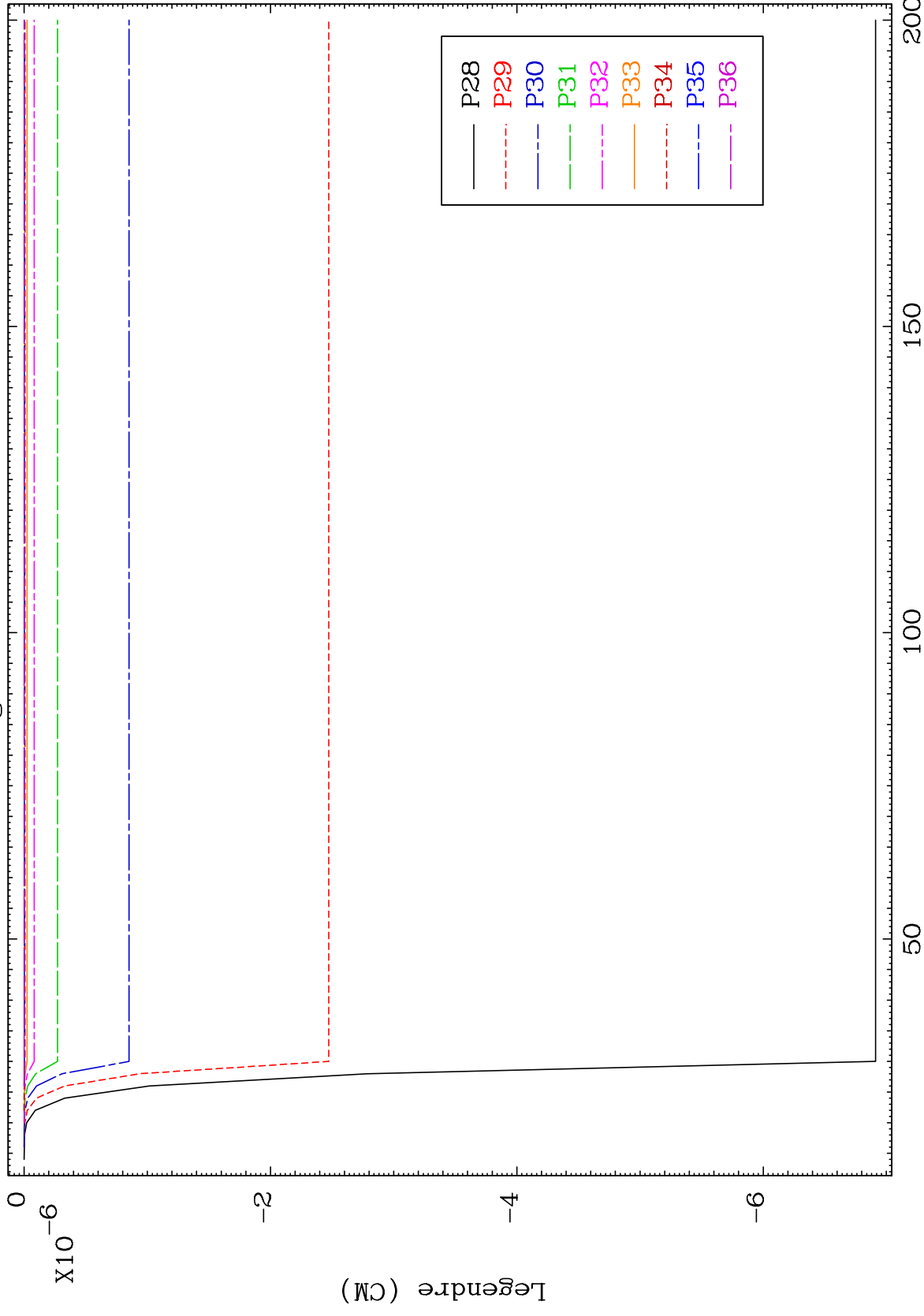
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147

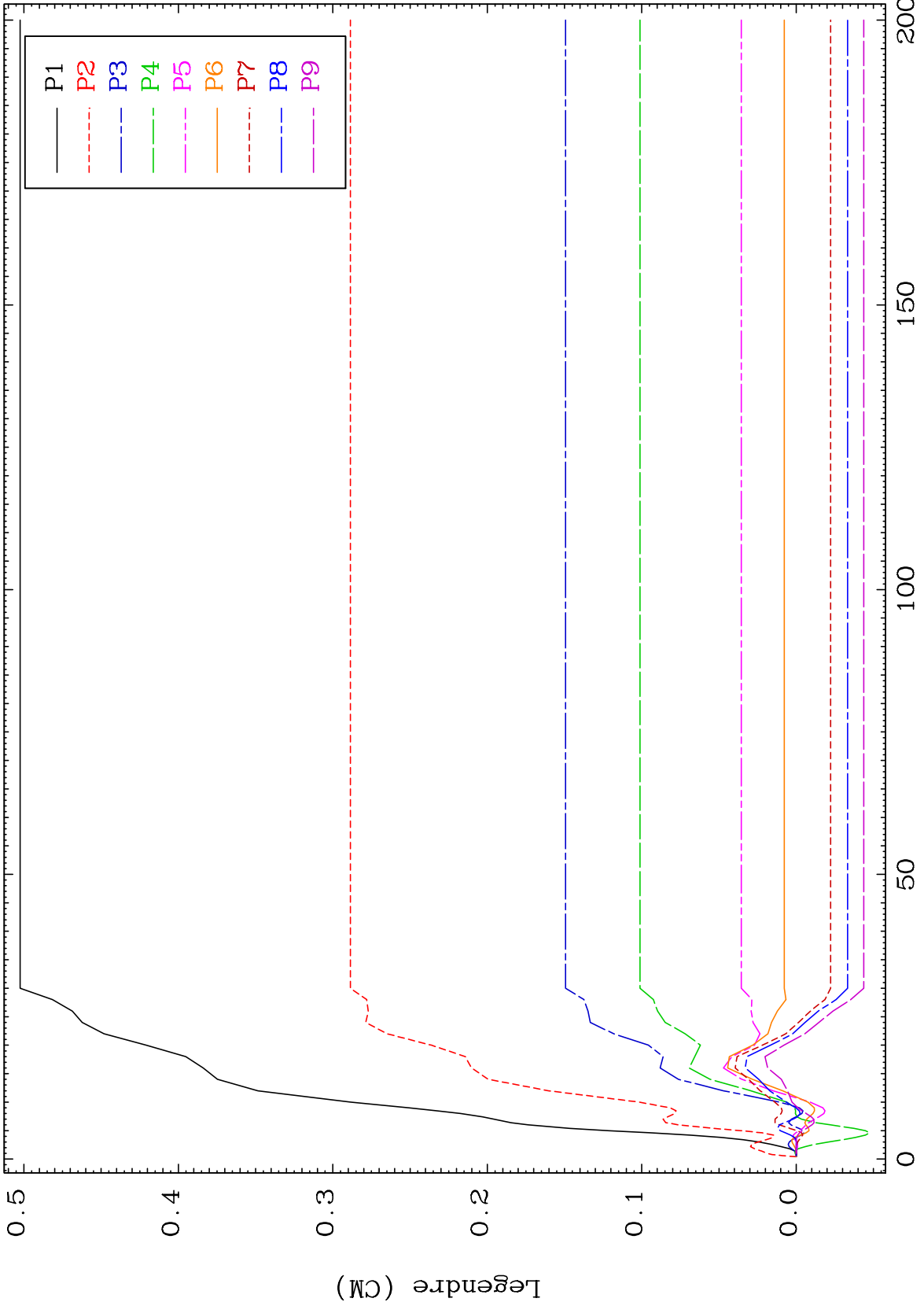


58-Ce-147

Incident Energy (MeV)

47

MAT 5858 MT= 58 (n,n') Level Legendre Coefficients 58-Ce-147

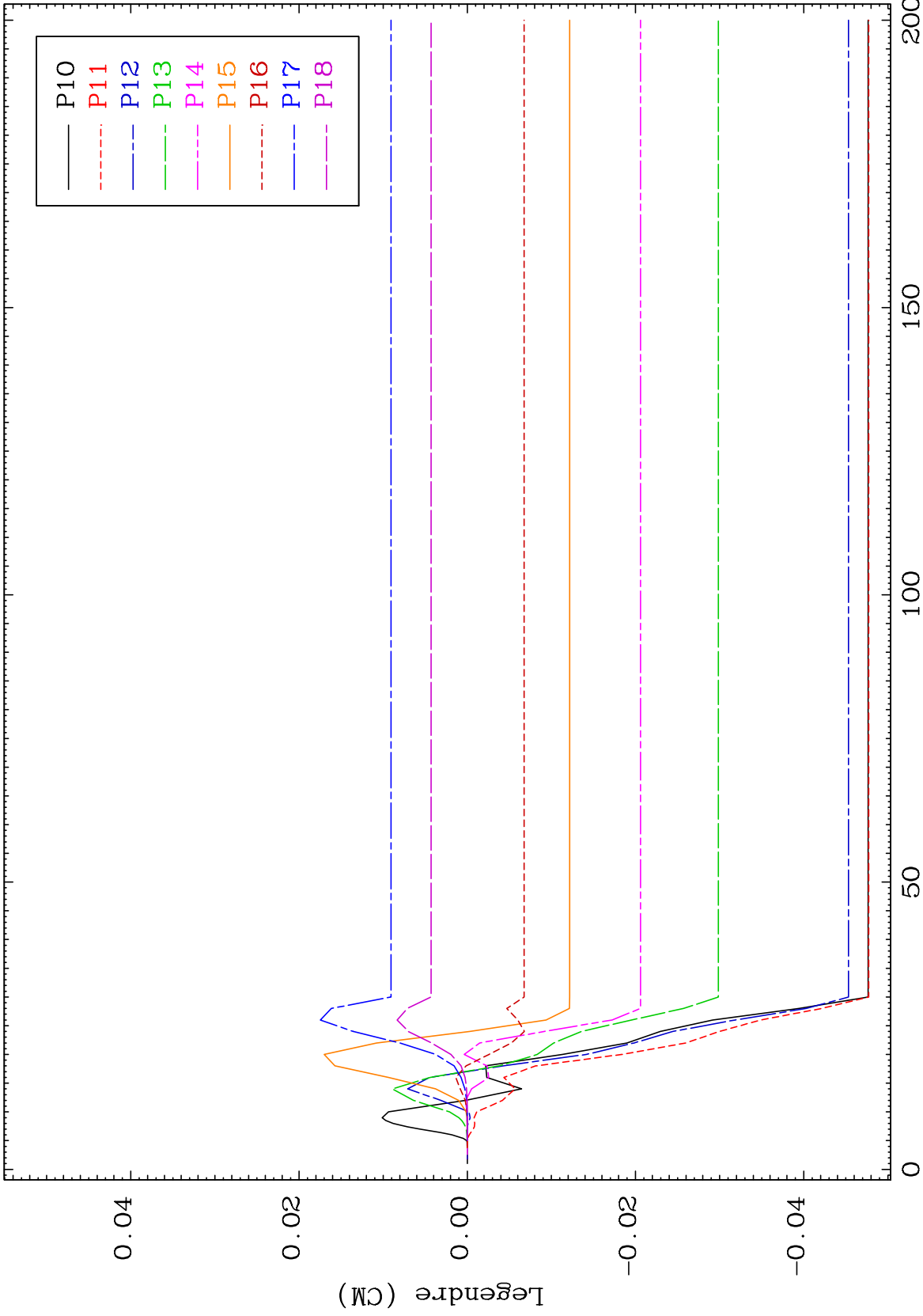


48 58-Ce-147

MAT 5858

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

58-Ce-147



49

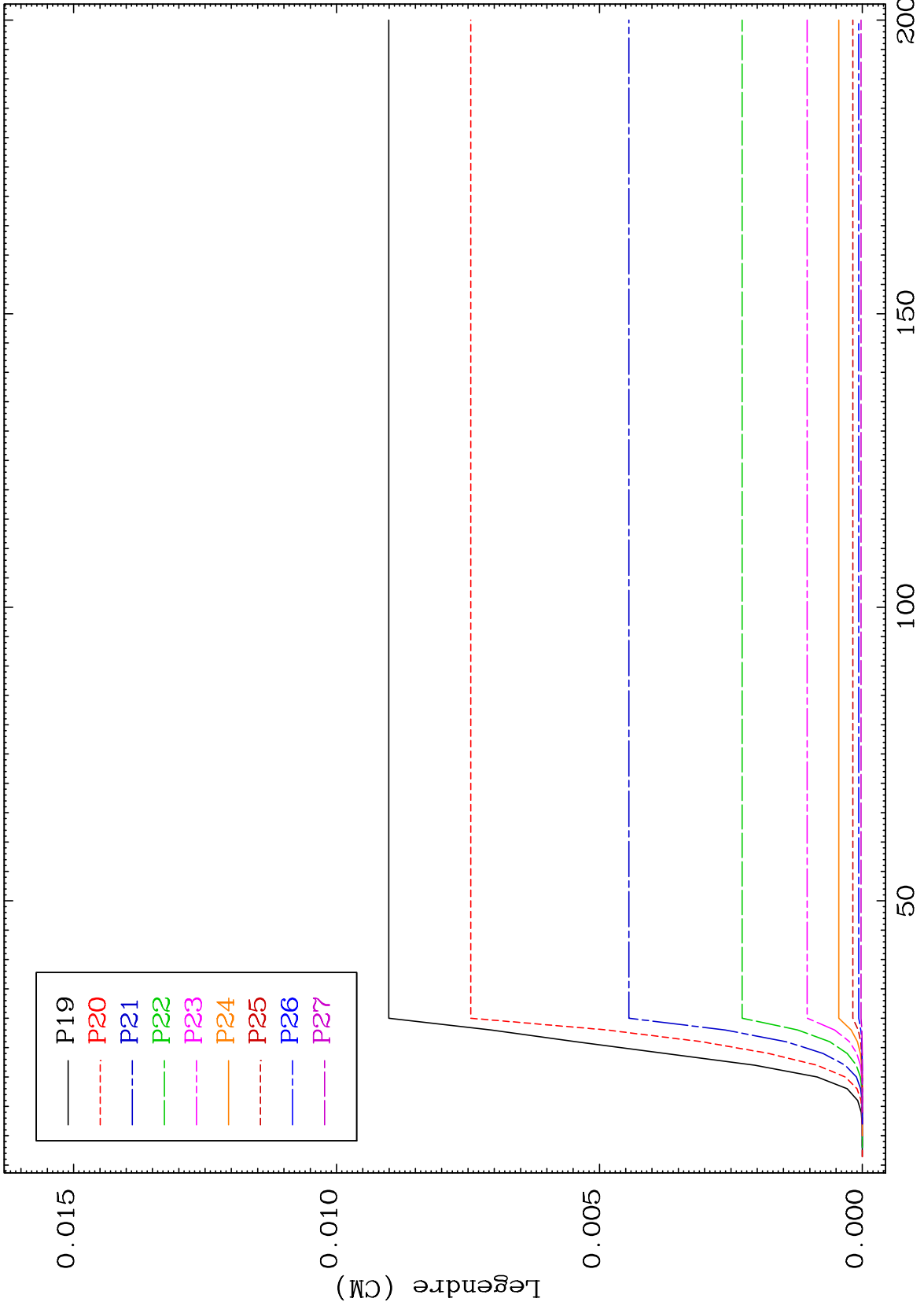
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



50

50

100

150

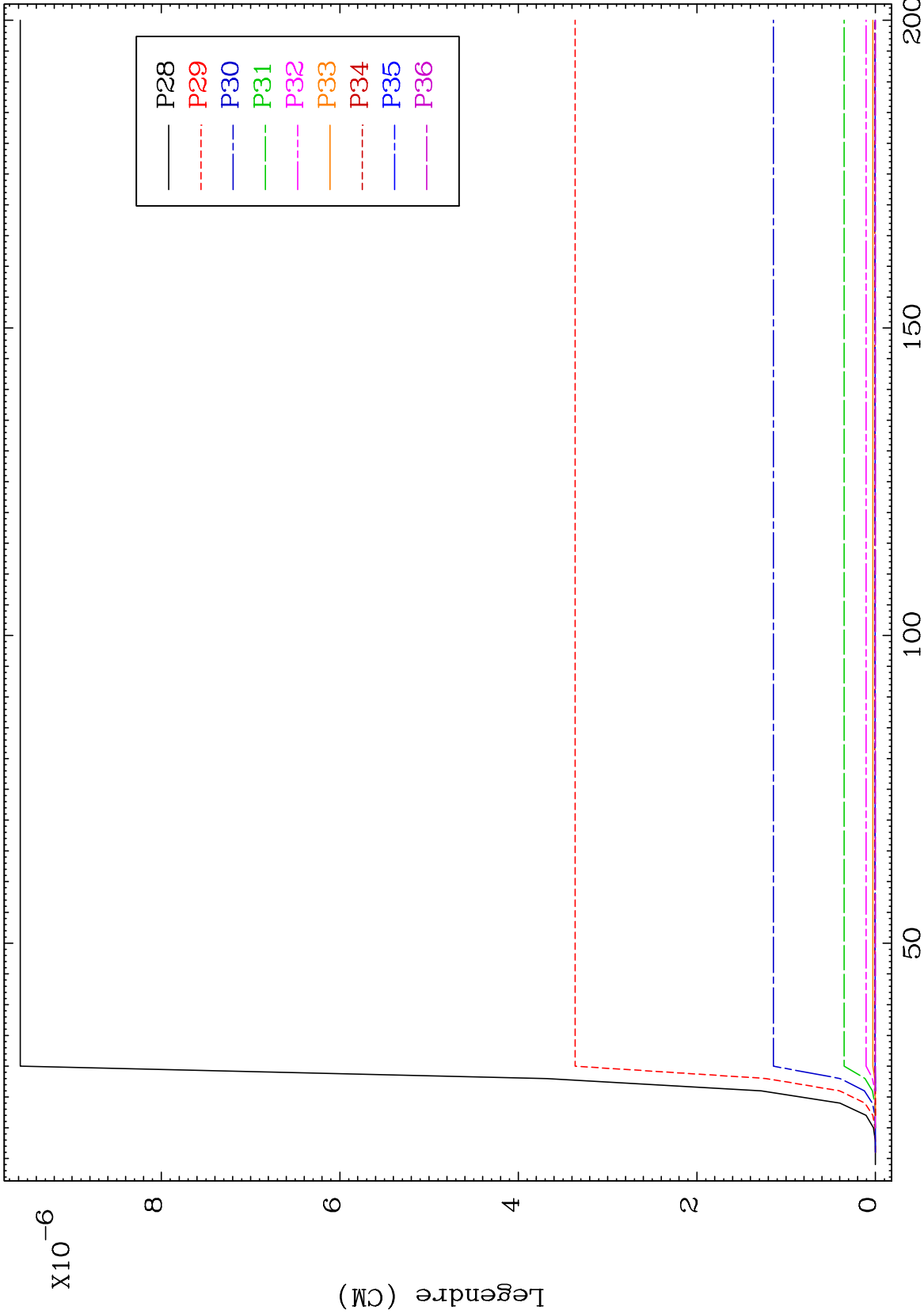
200

58-Ce-147

MAT 5858

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

58-Ce-147



51

Incident Energy (MeV)

58-Ce-147

200

150

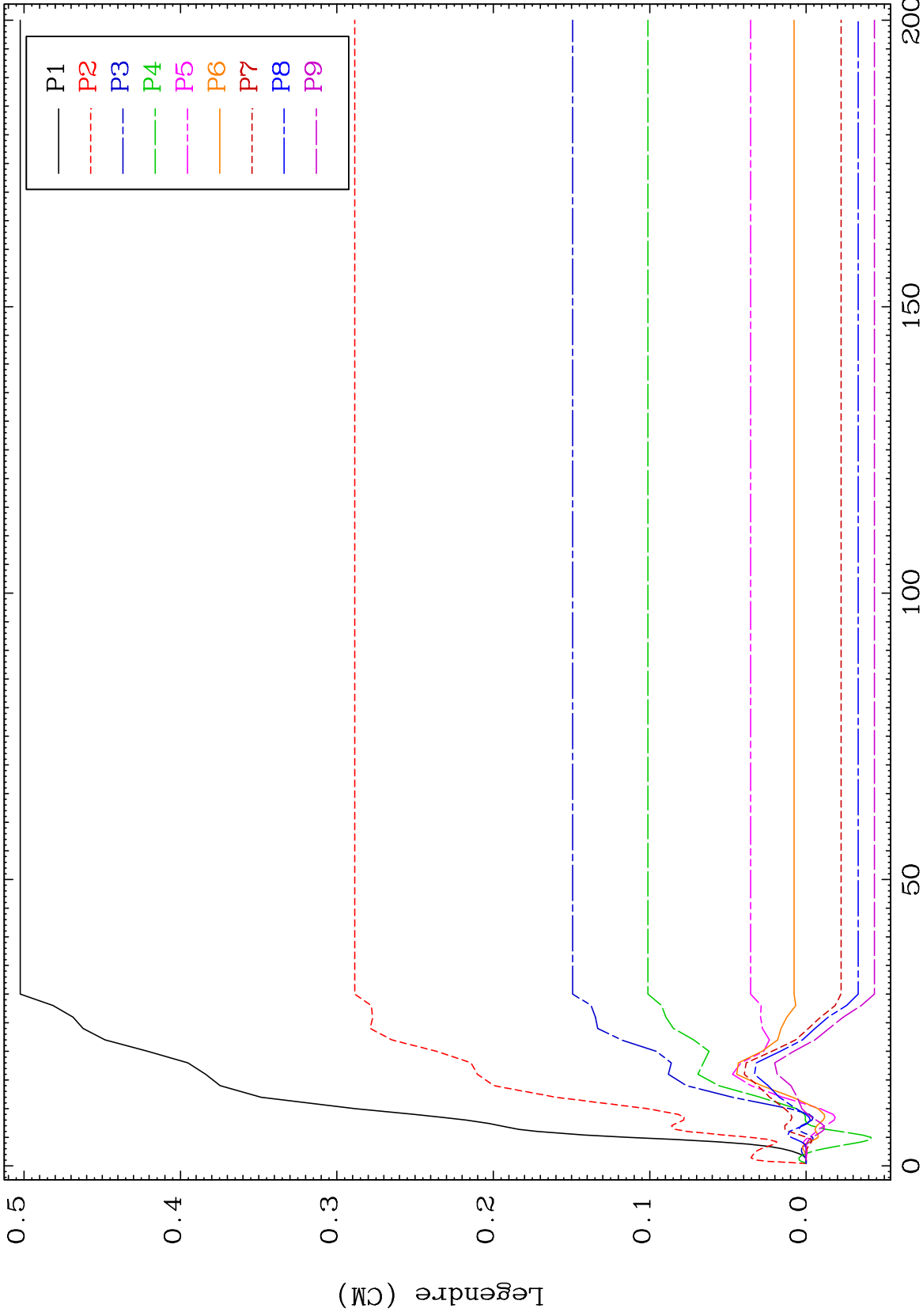
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50

MAT 5858

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

58-Ce-147



52

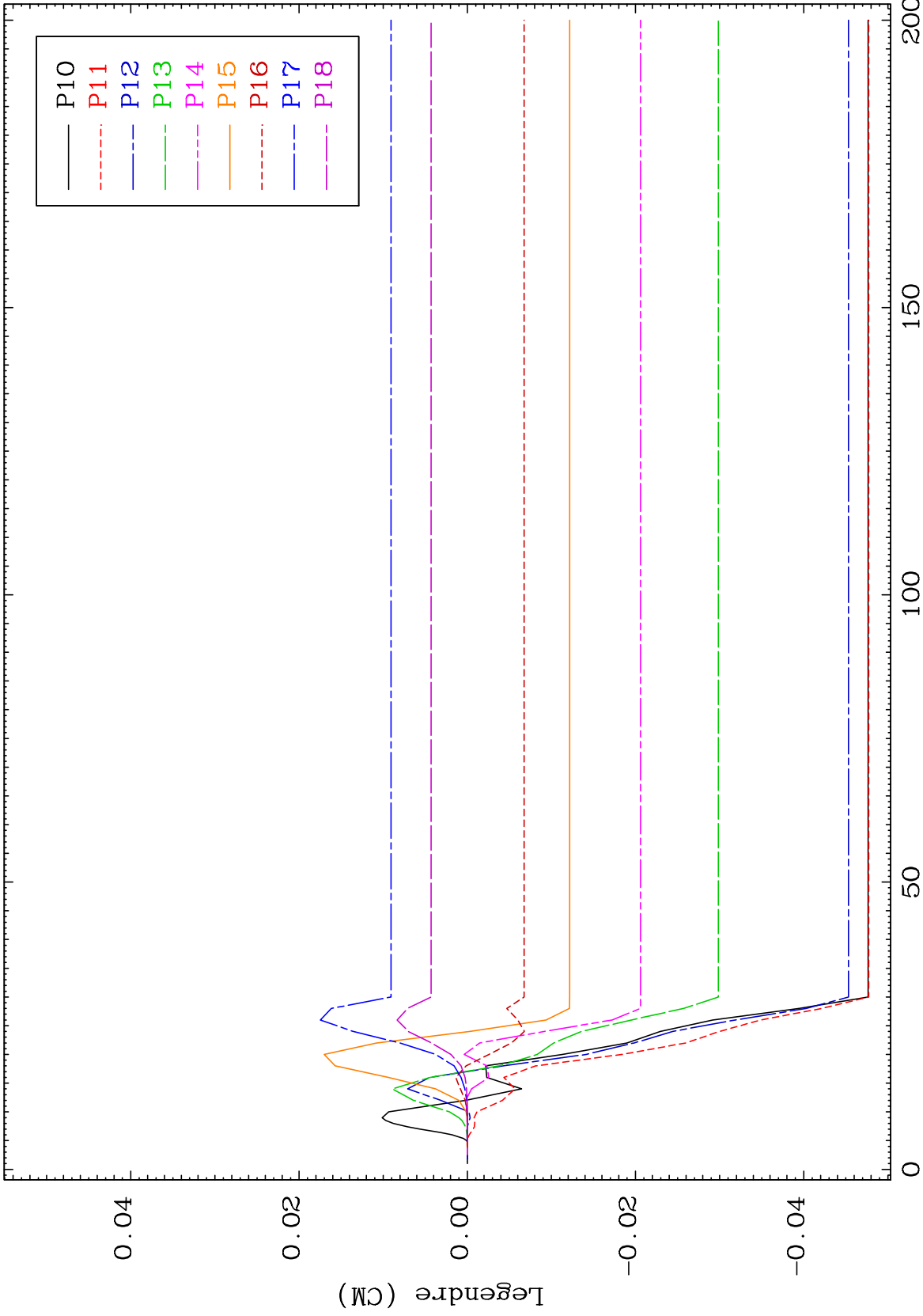
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



53

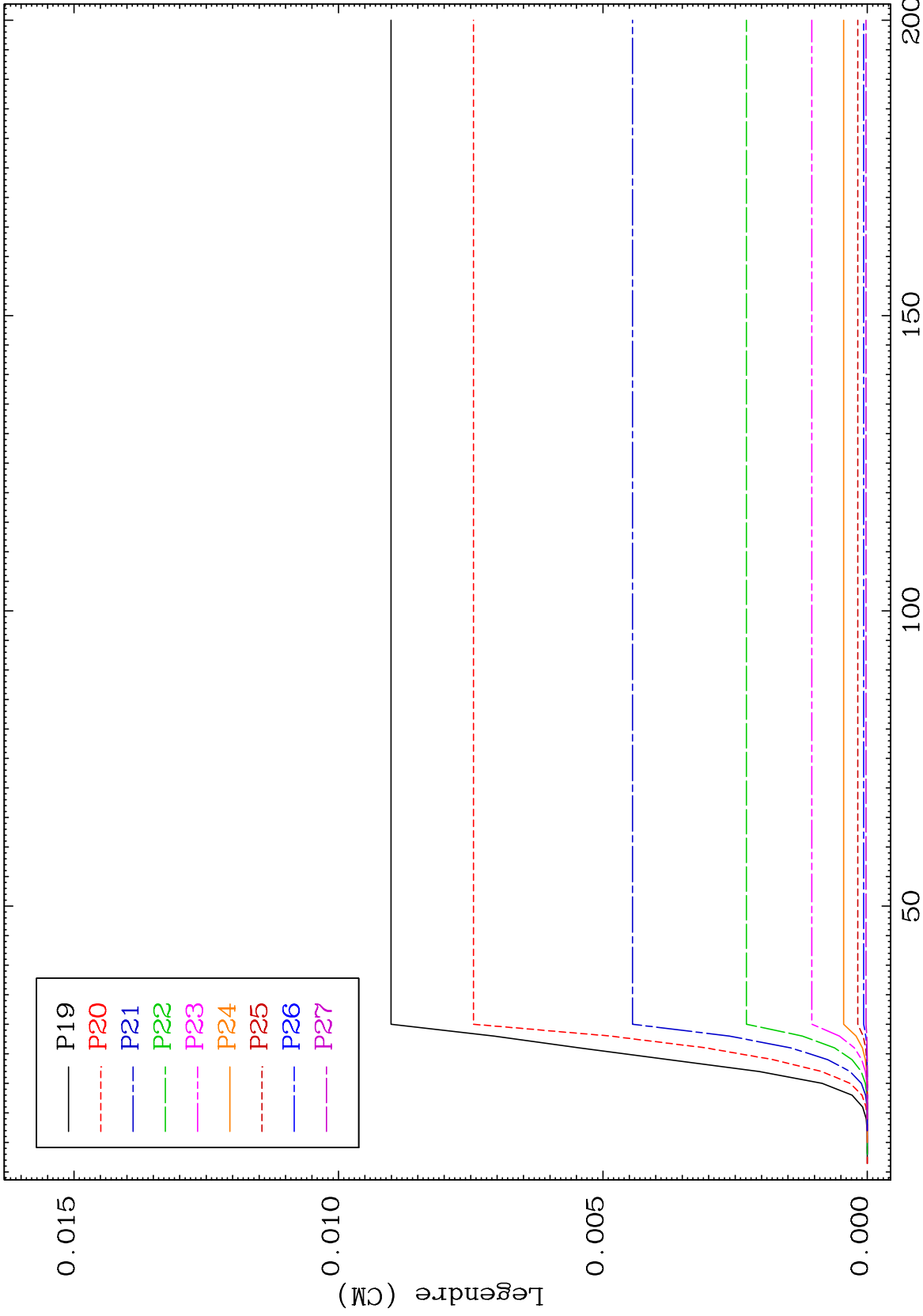
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



54

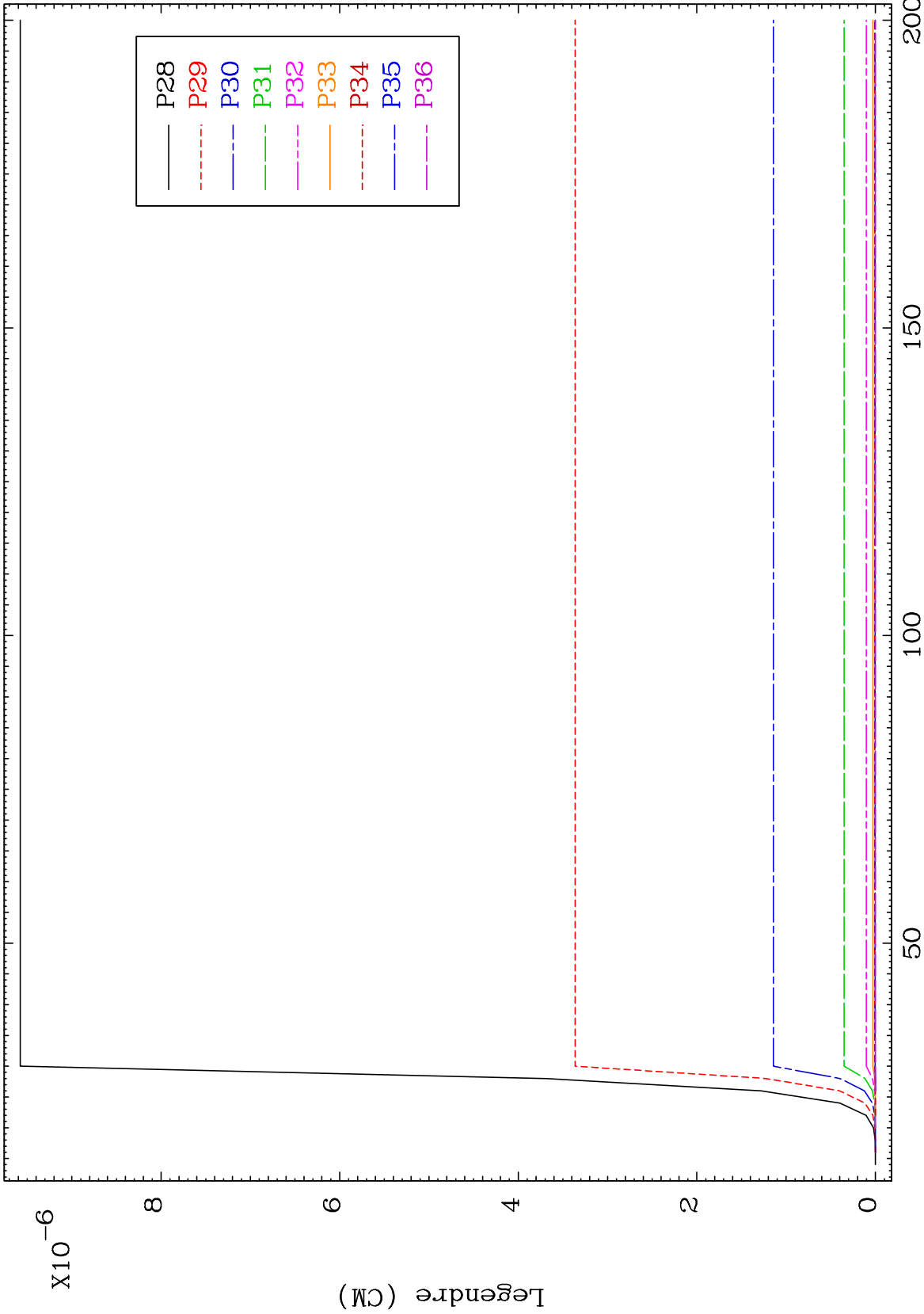
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



55

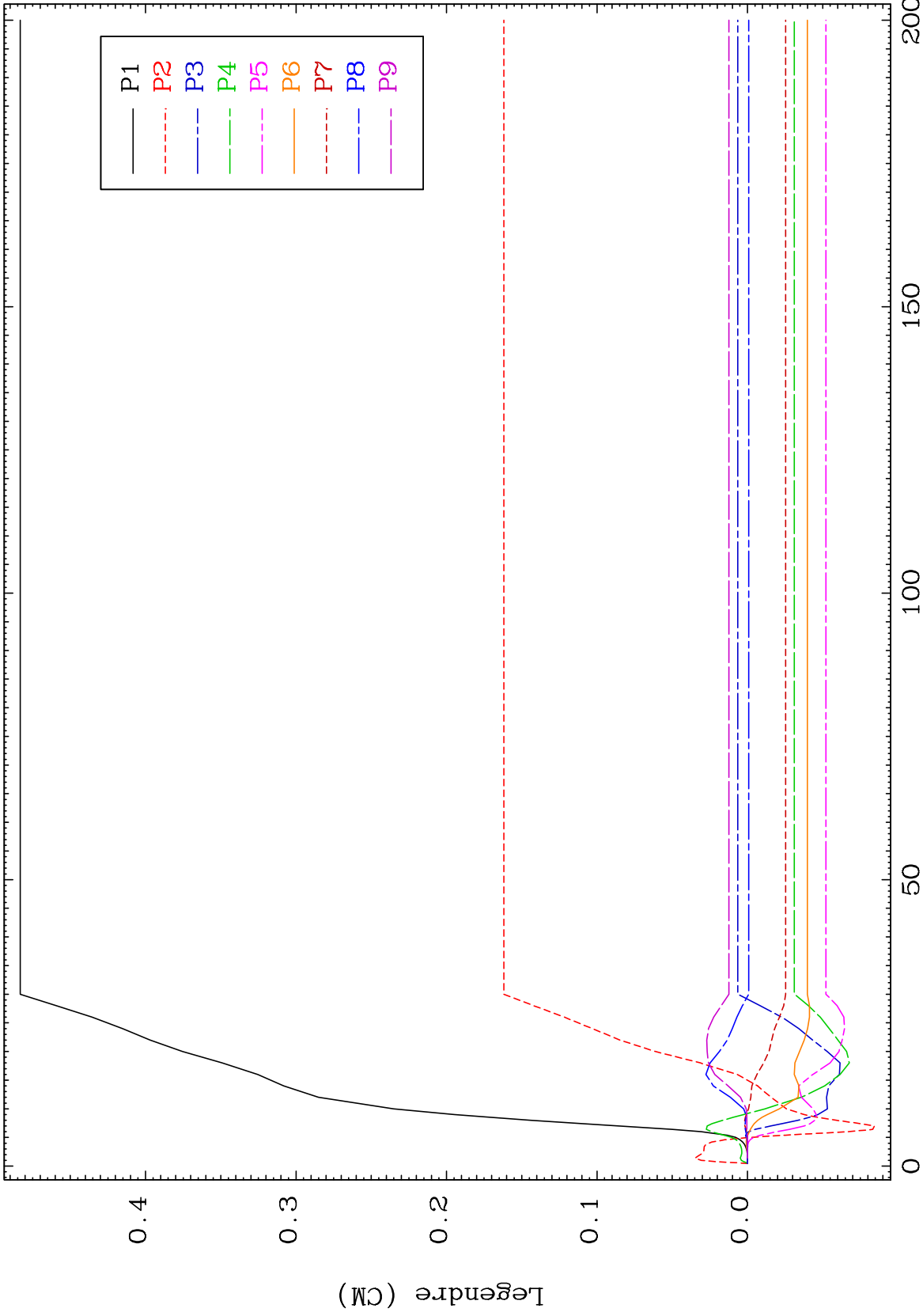
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



56

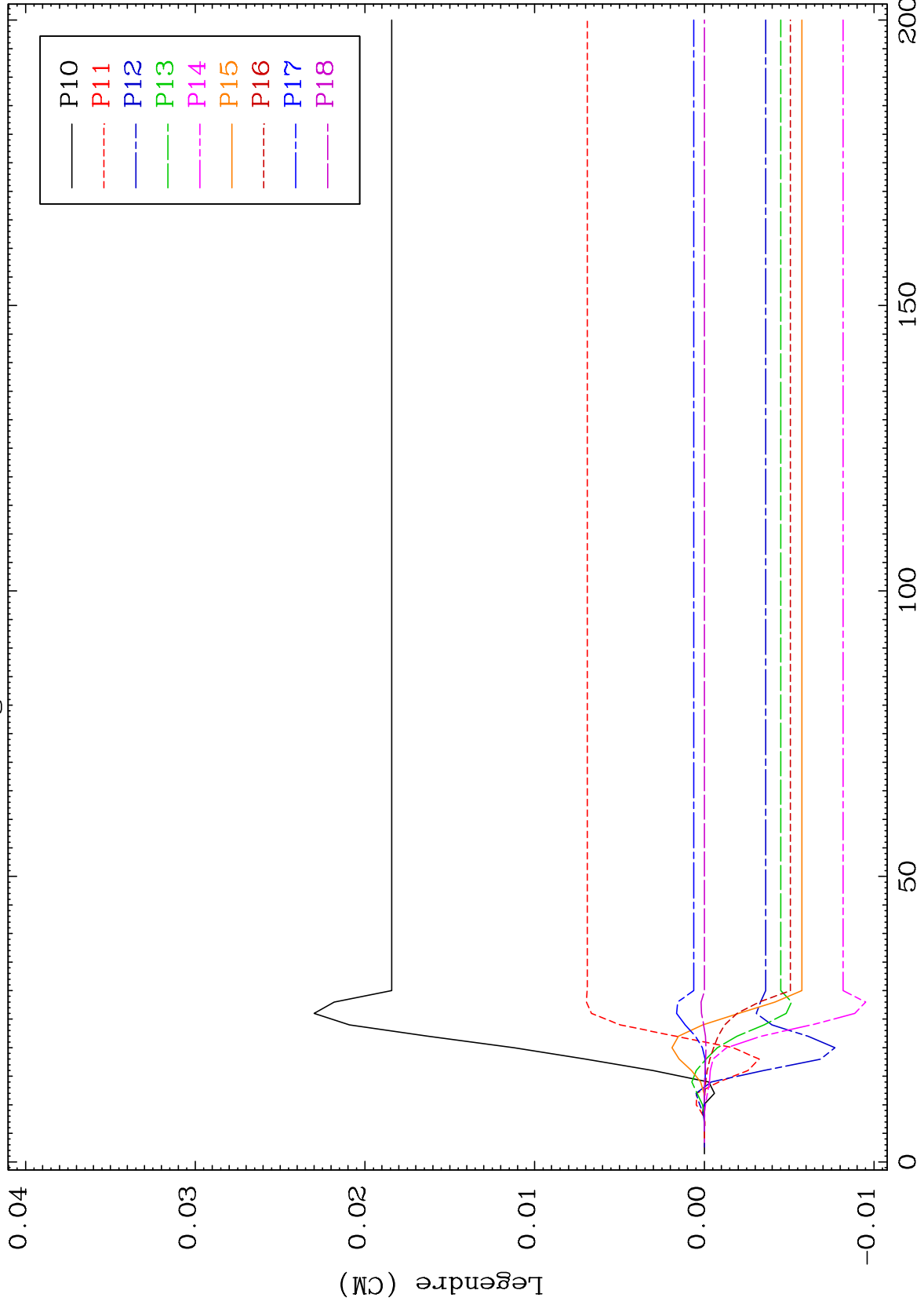
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



57

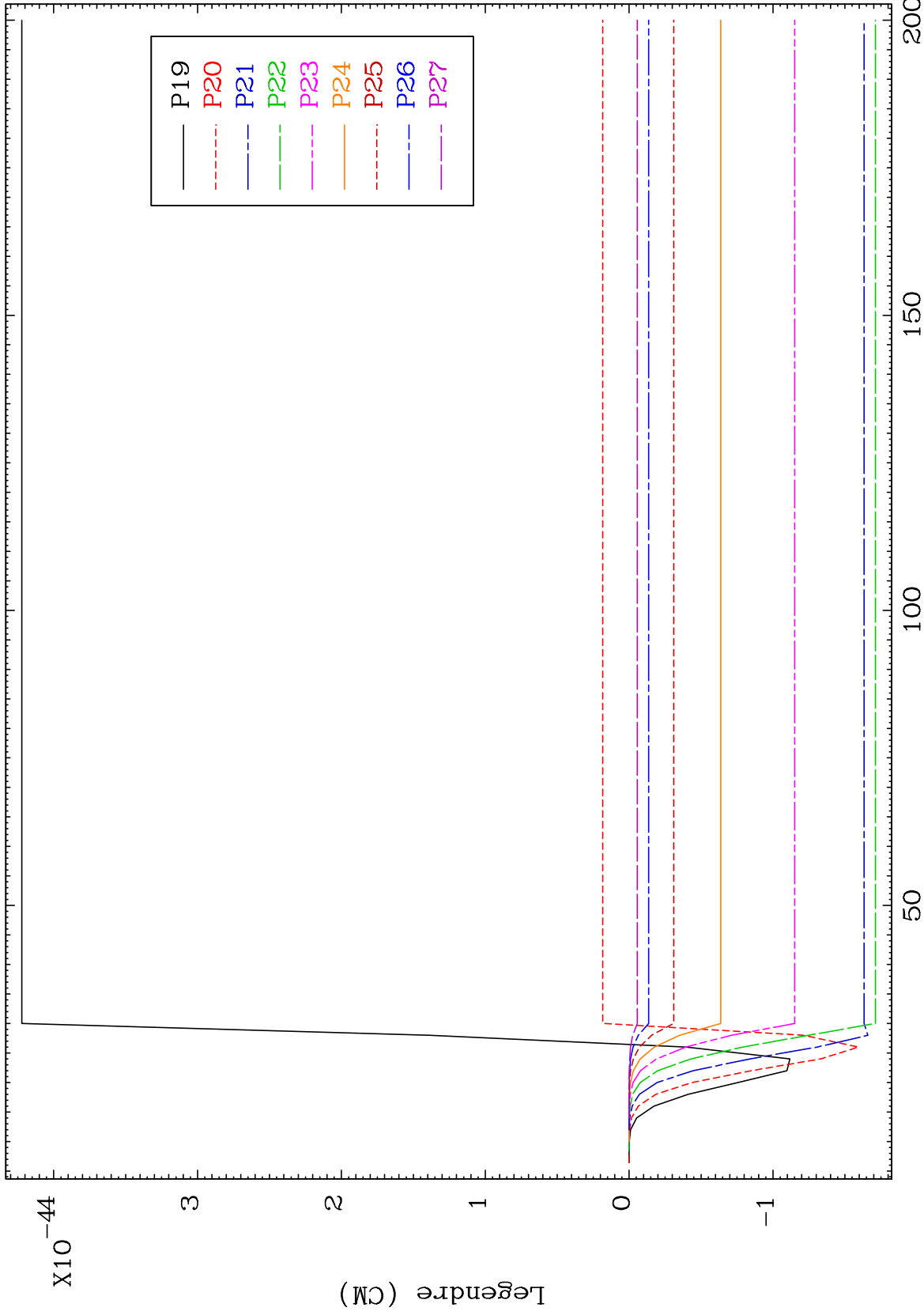
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



58

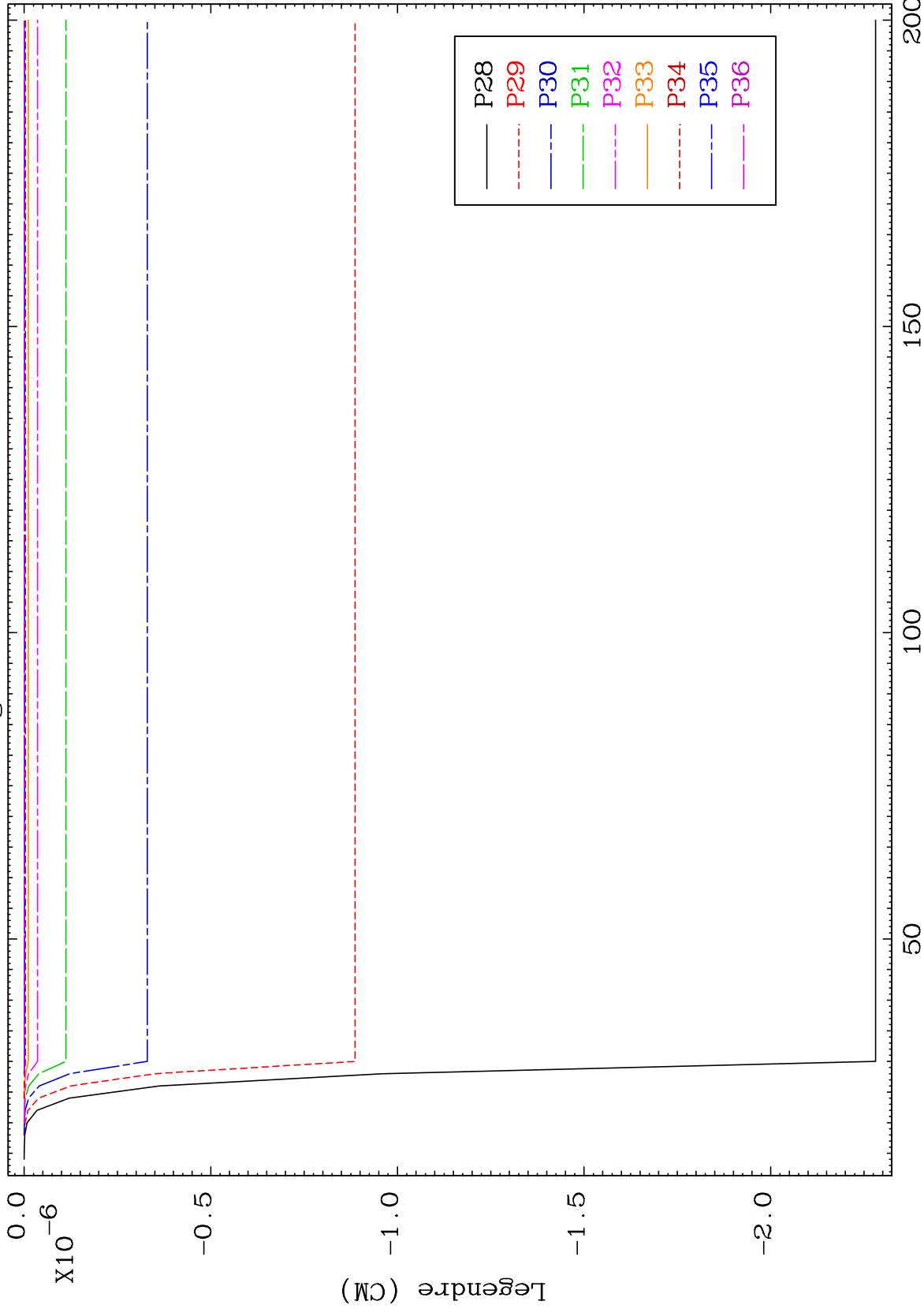
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147

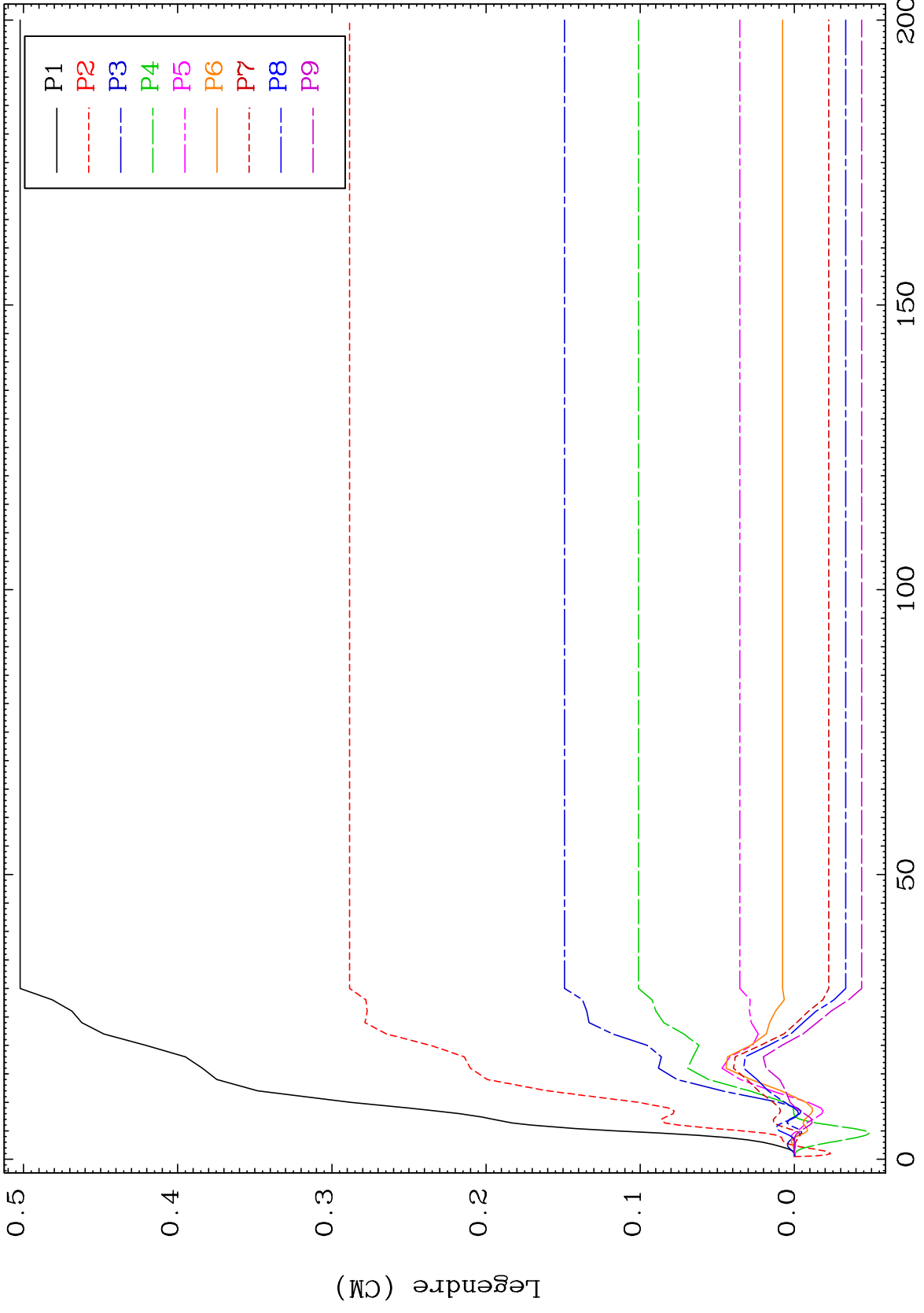


58-Ce-147

Incident Energy (MeV)

59

MAT 5858 MT= 61 (n,n') Level Legendre Coefficients 58-Ce-147

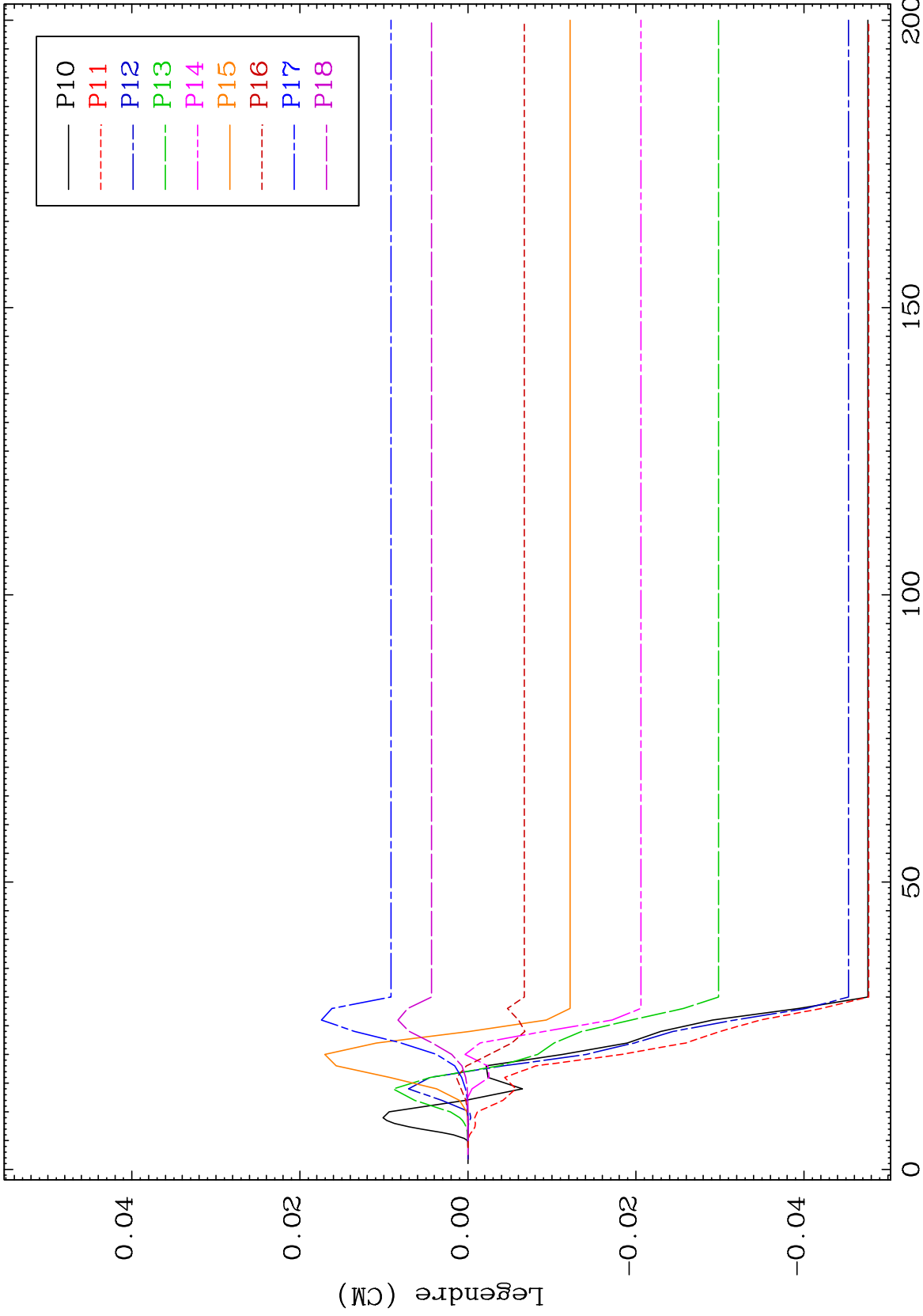


58-Ce-147

MAT 5858

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

58-Ce-147



61

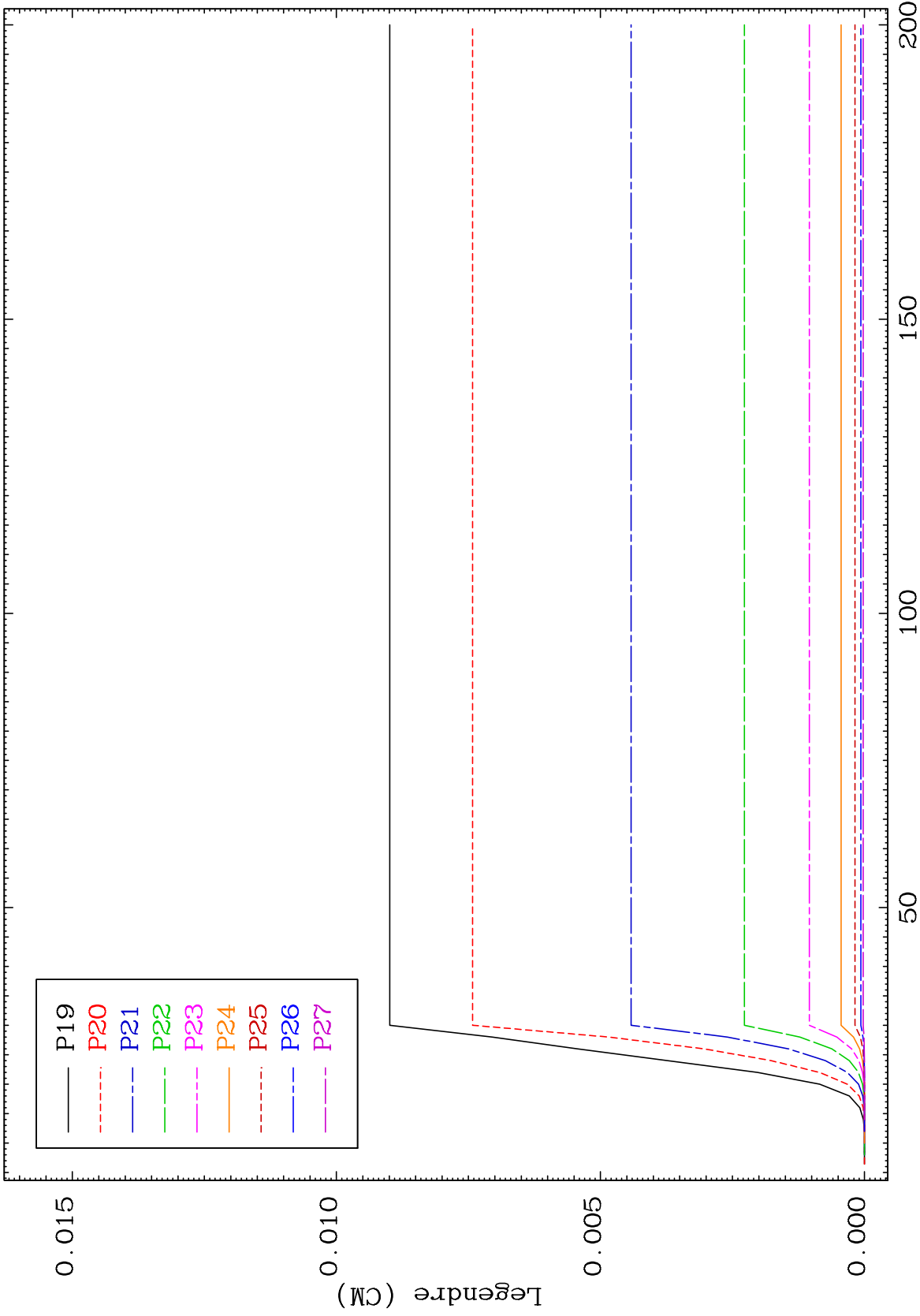
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



62

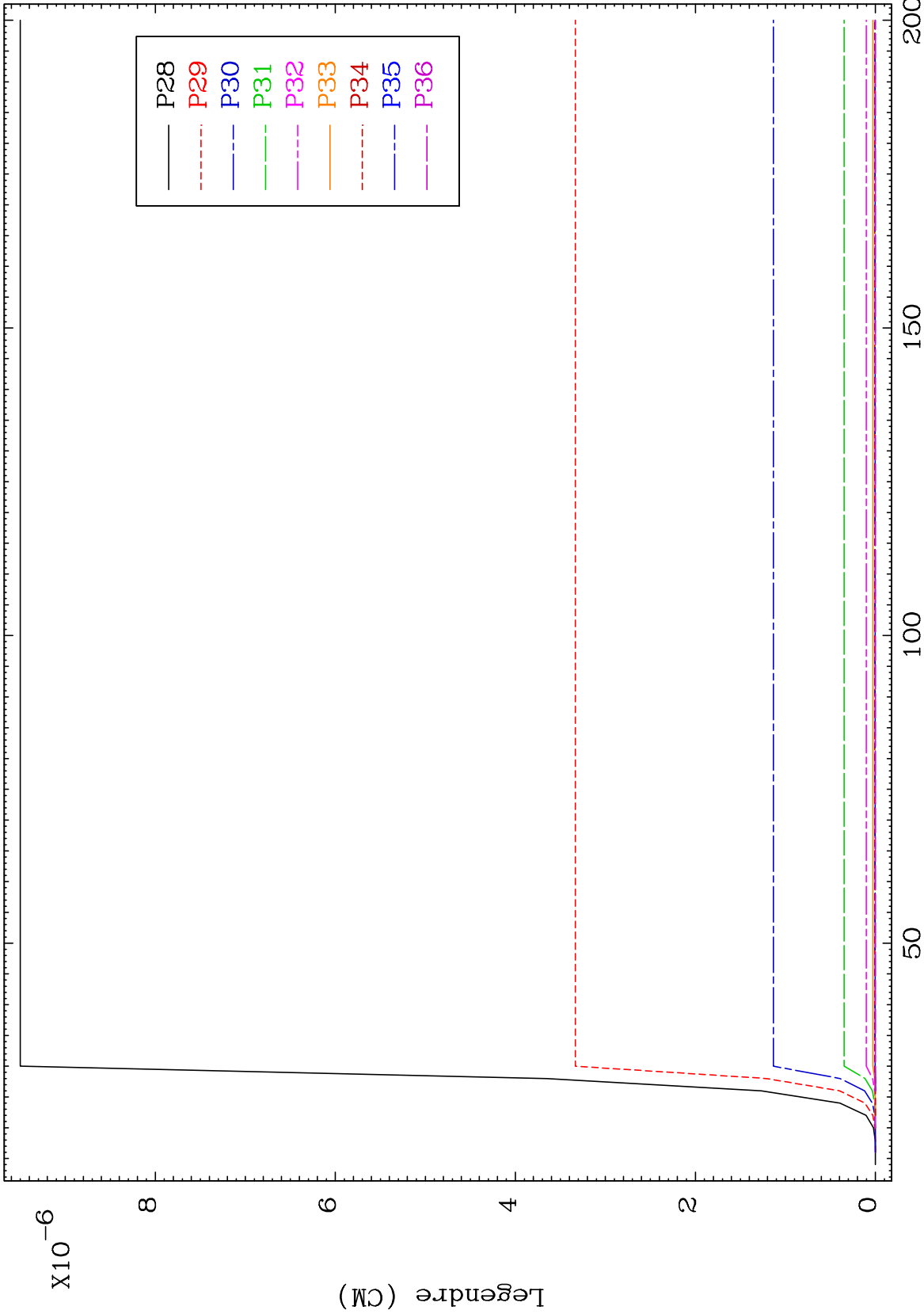
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



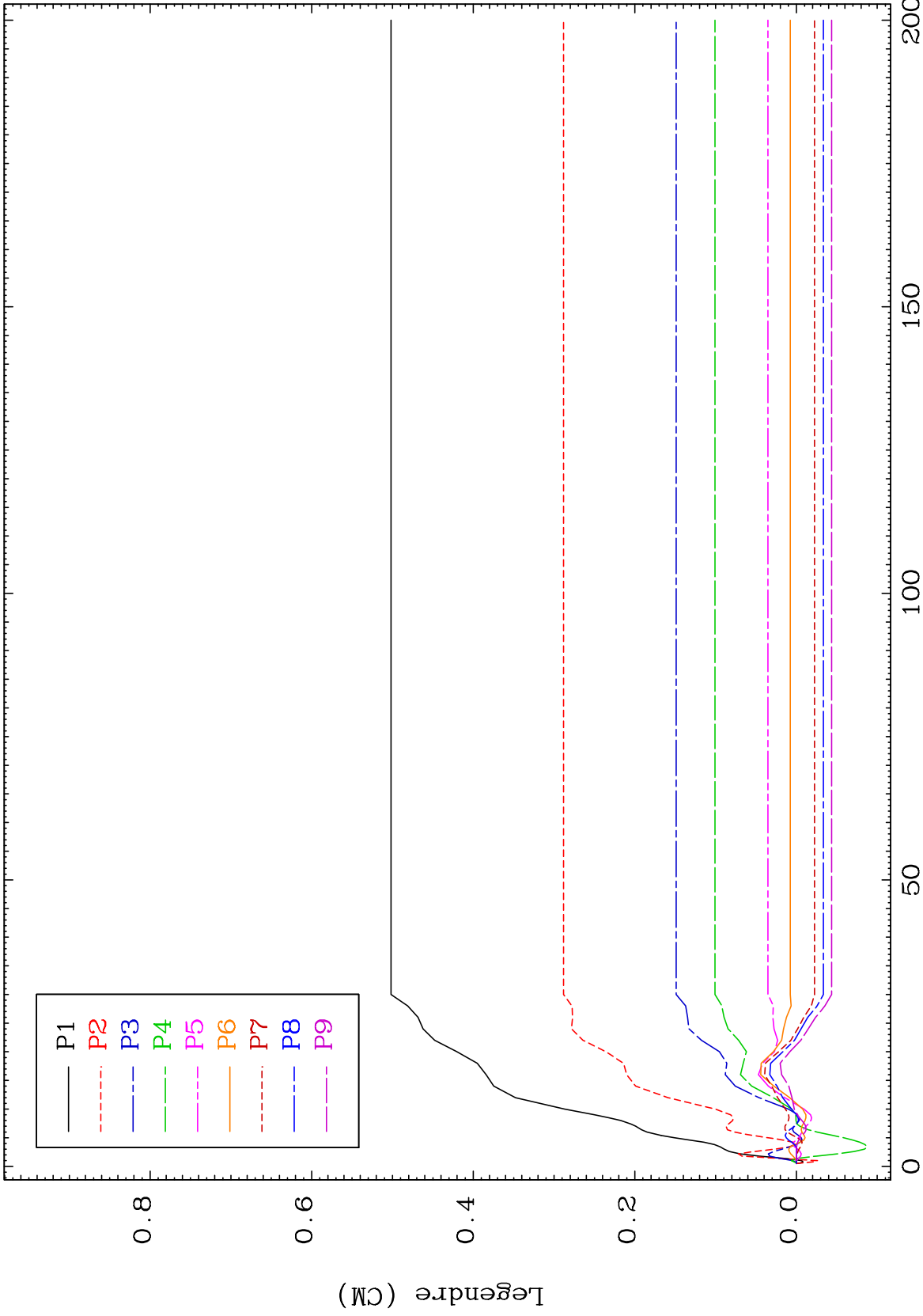
63

58-Ce-147

MAT 5858

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

58-Ce-147



64

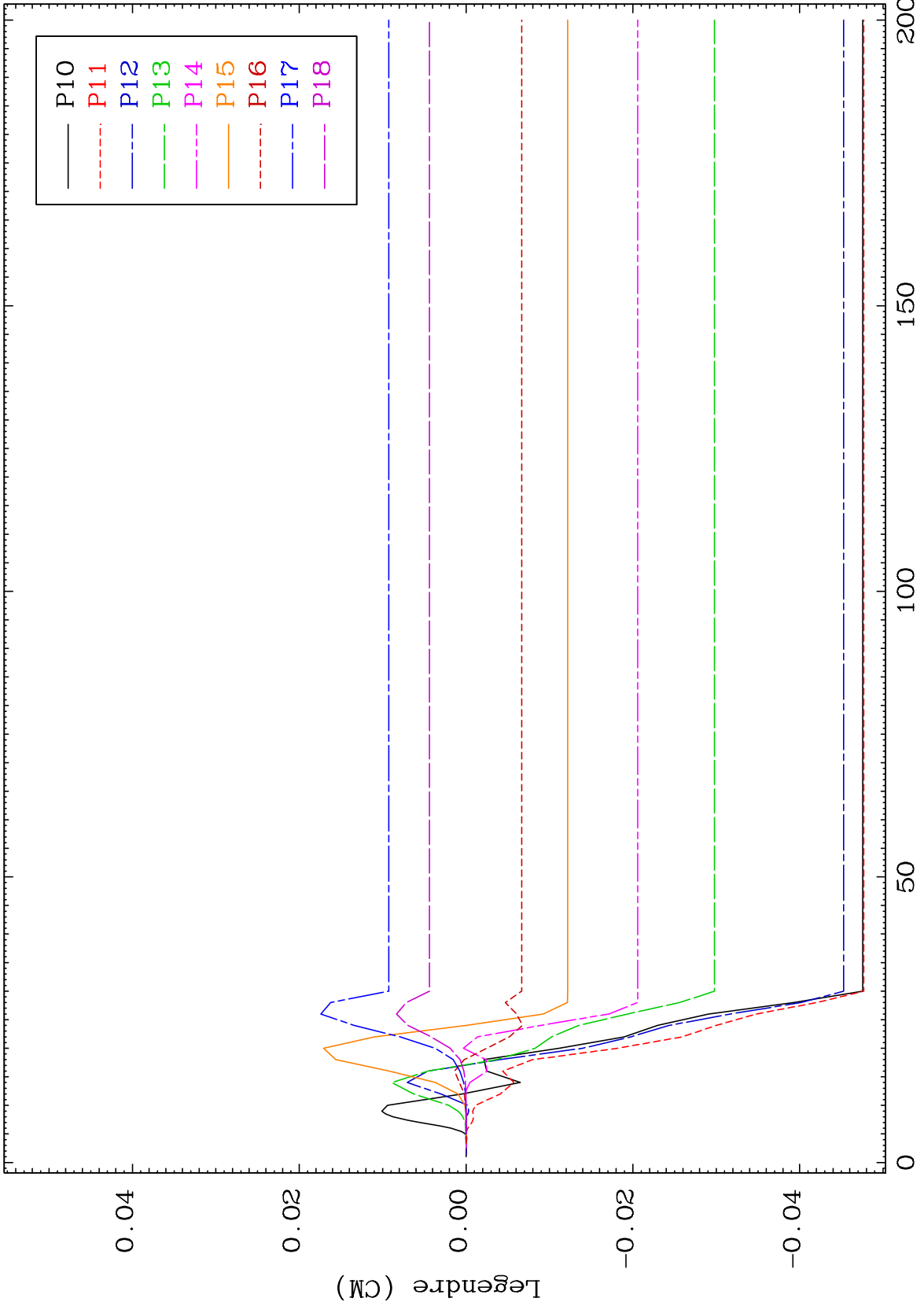
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



65

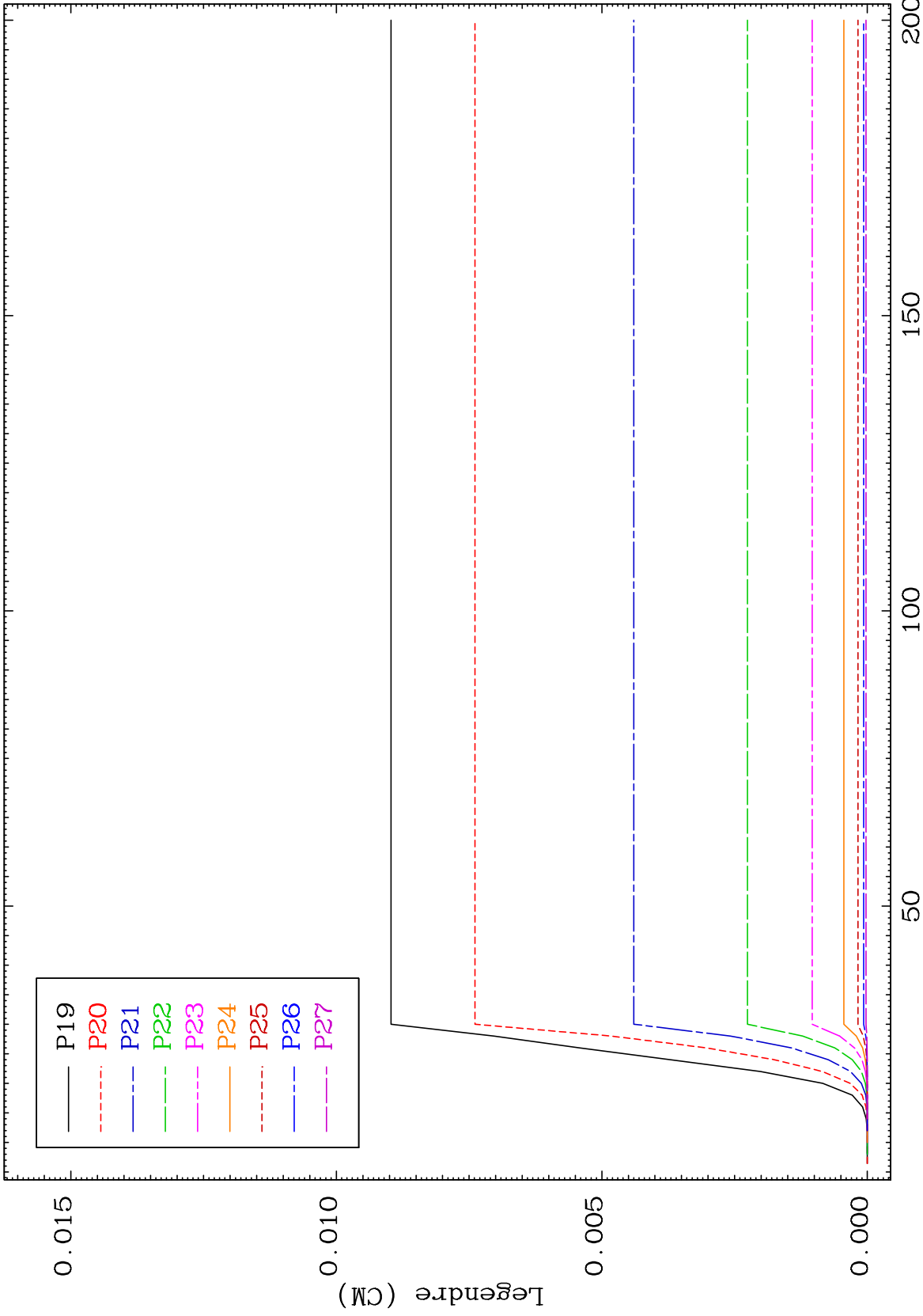
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



66

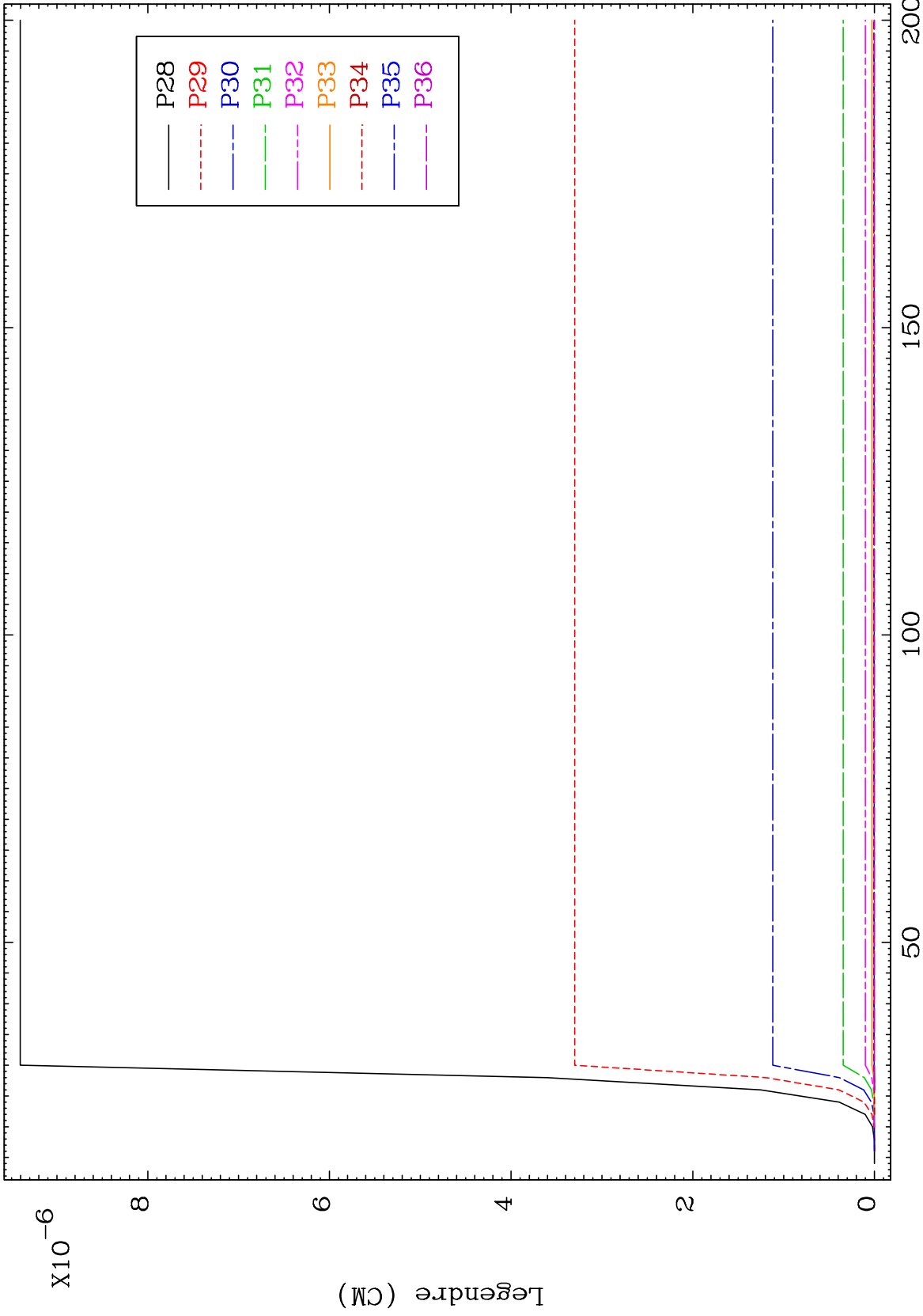
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



67

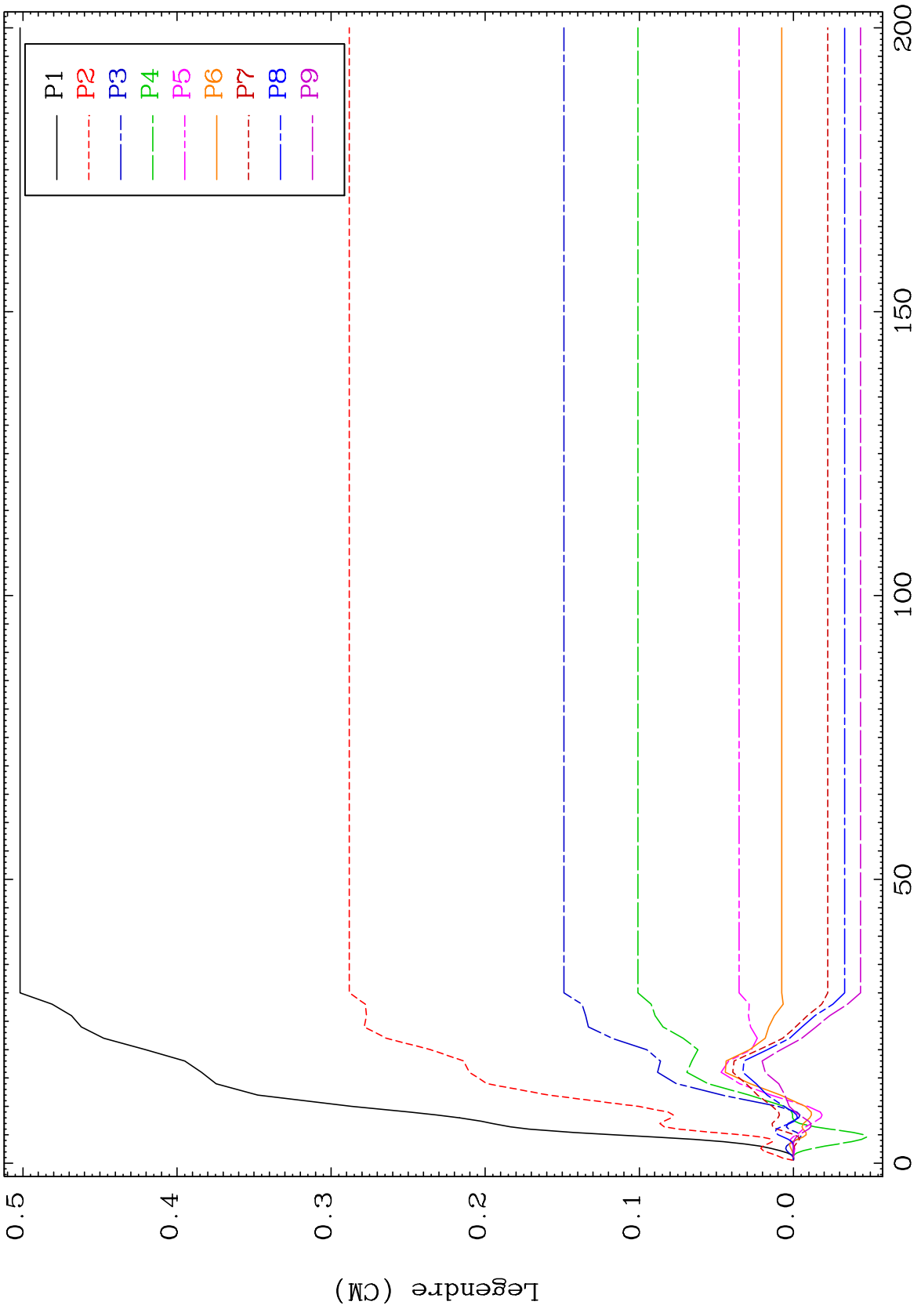
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



68

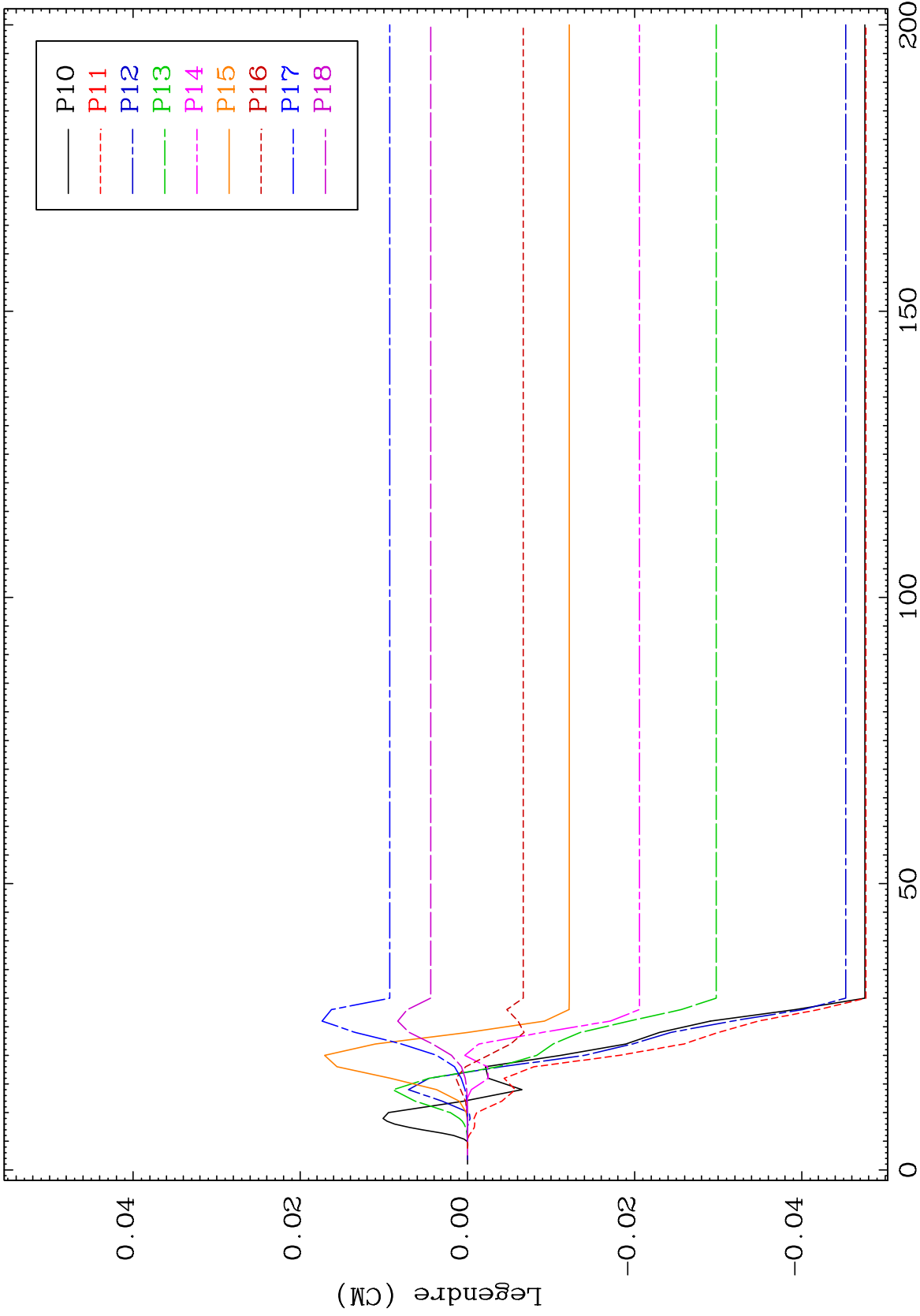
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



69

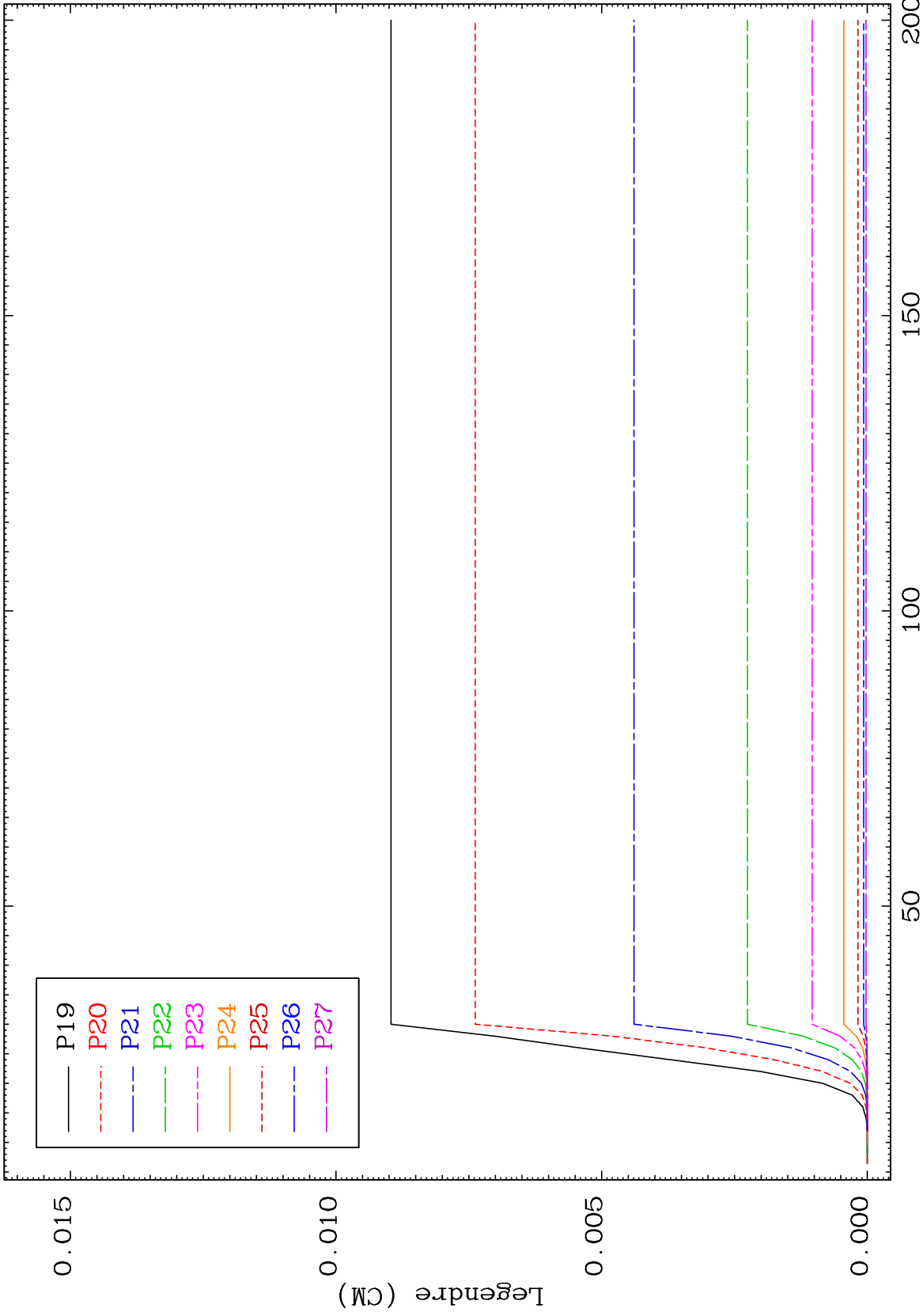
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



70

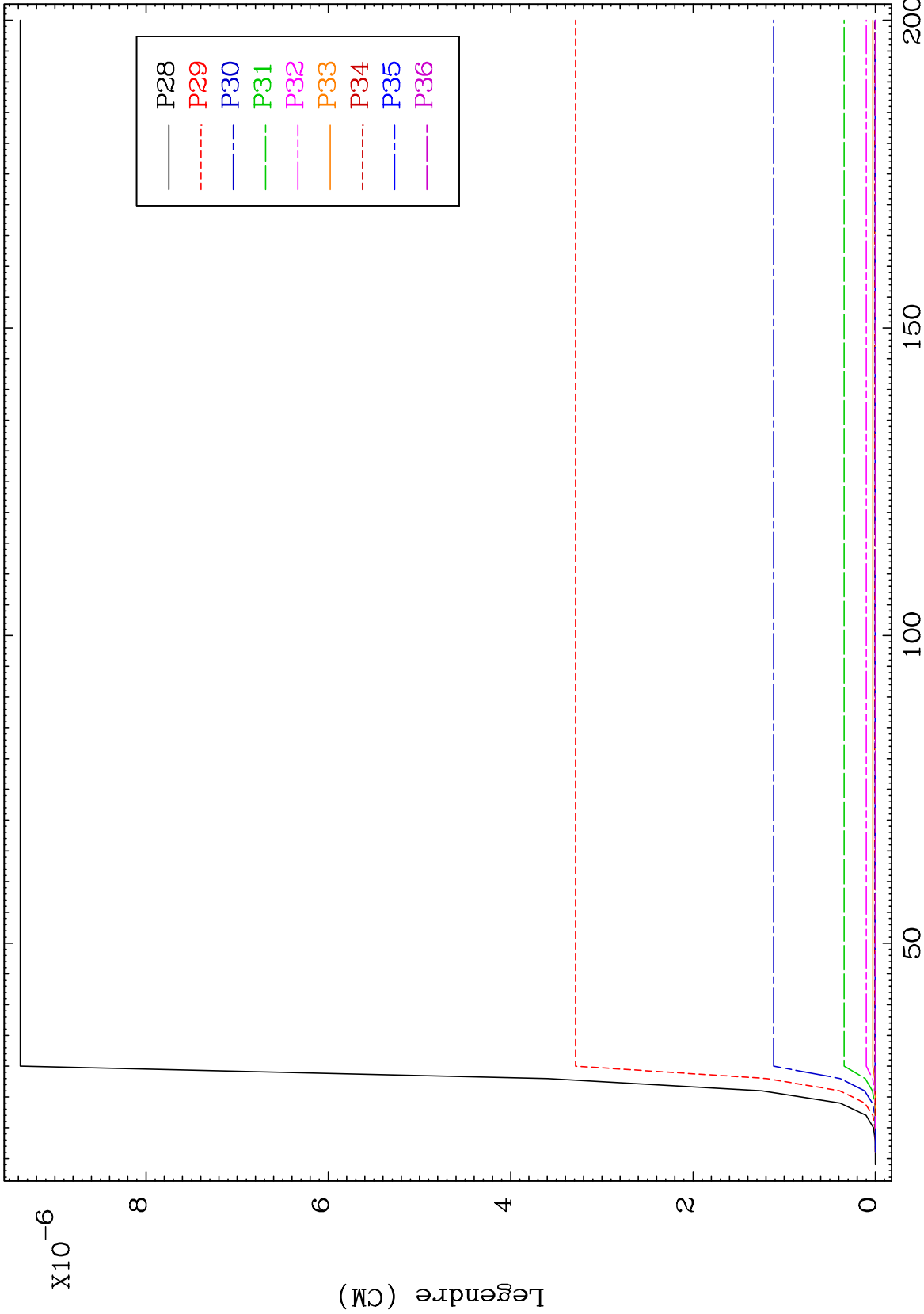
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



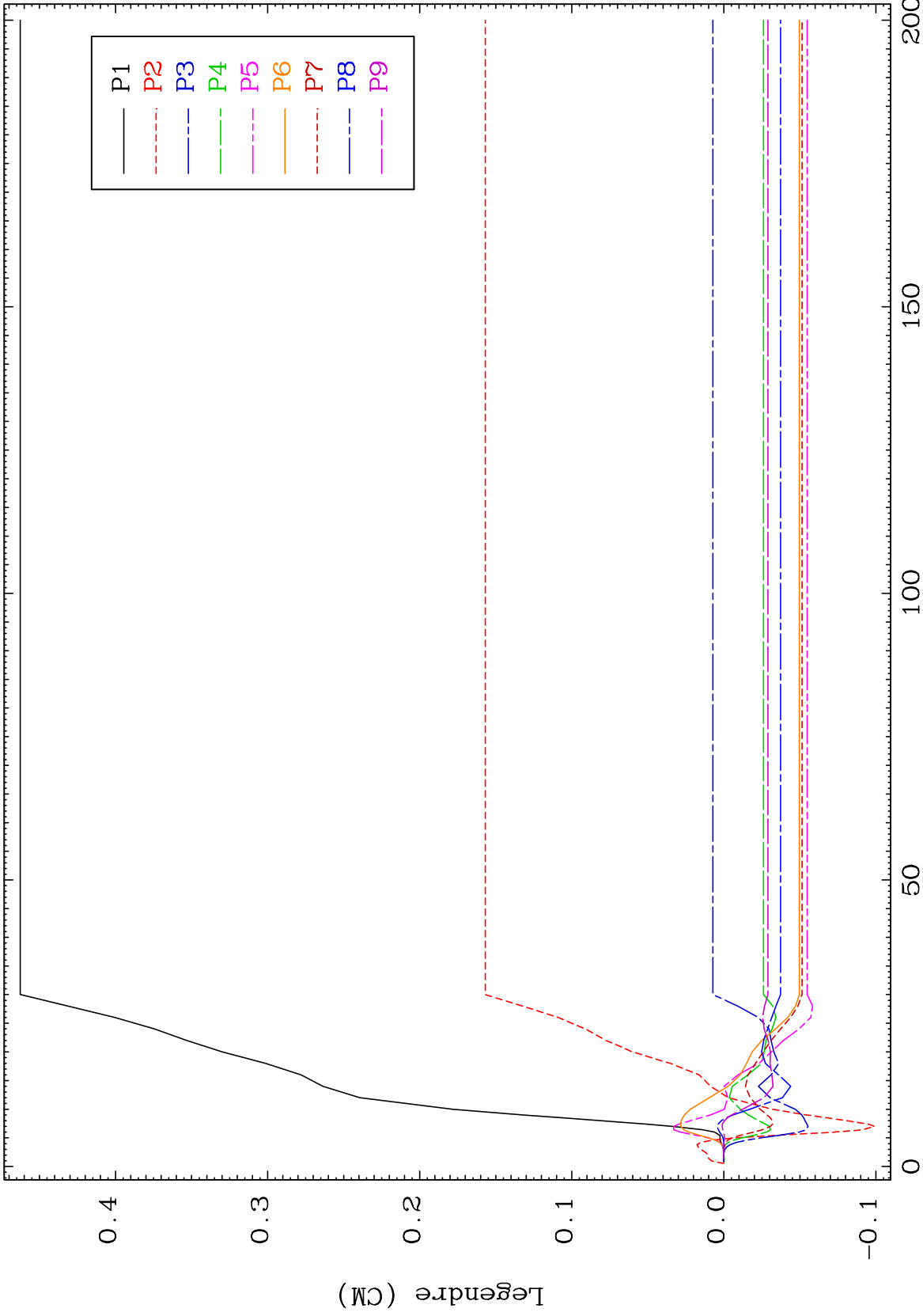
71

58-Ce-147

MAT 5858

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

58-Ce-147



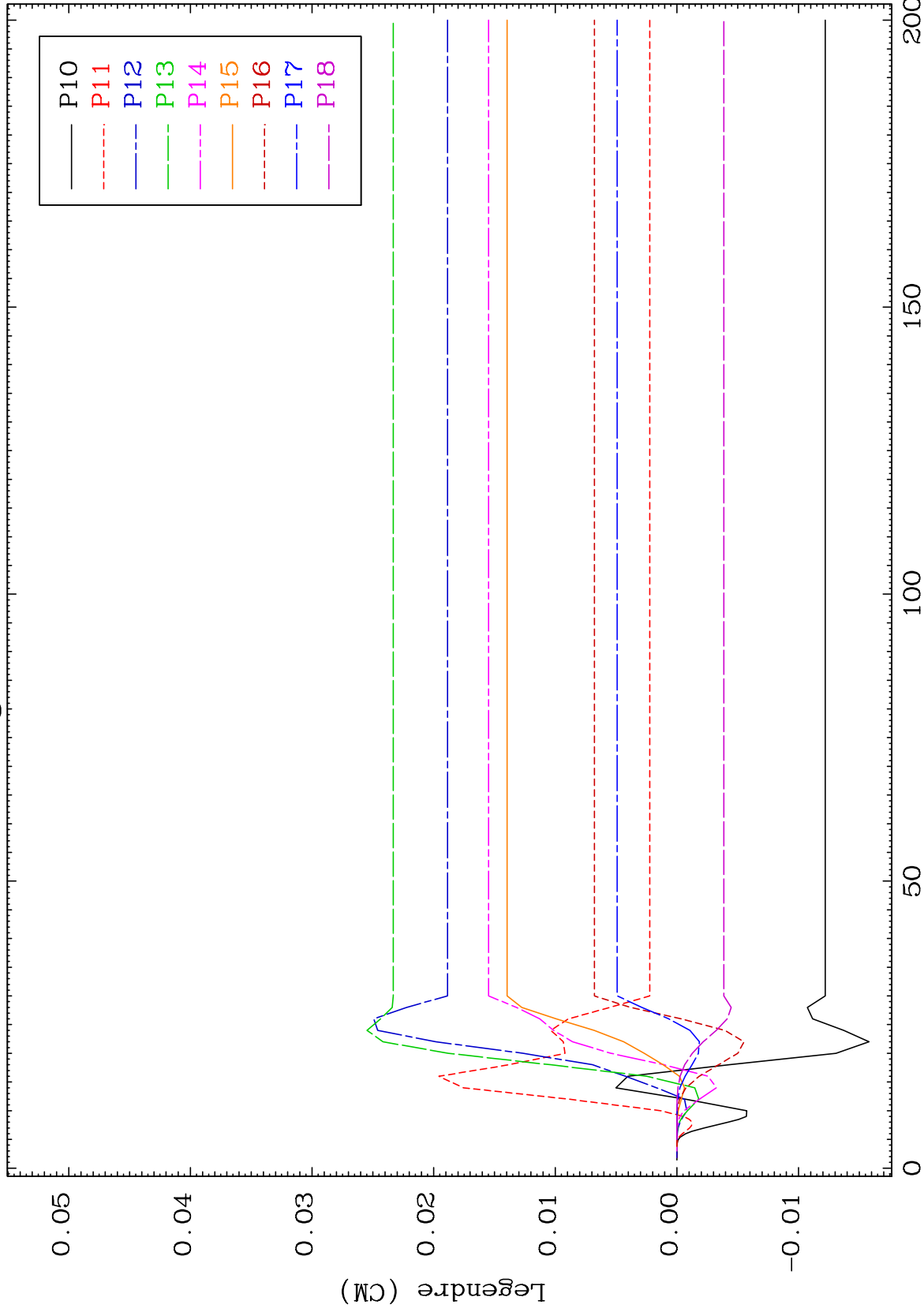
72

58-Ce-147

MAT 5858

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

58-Ce-147



73

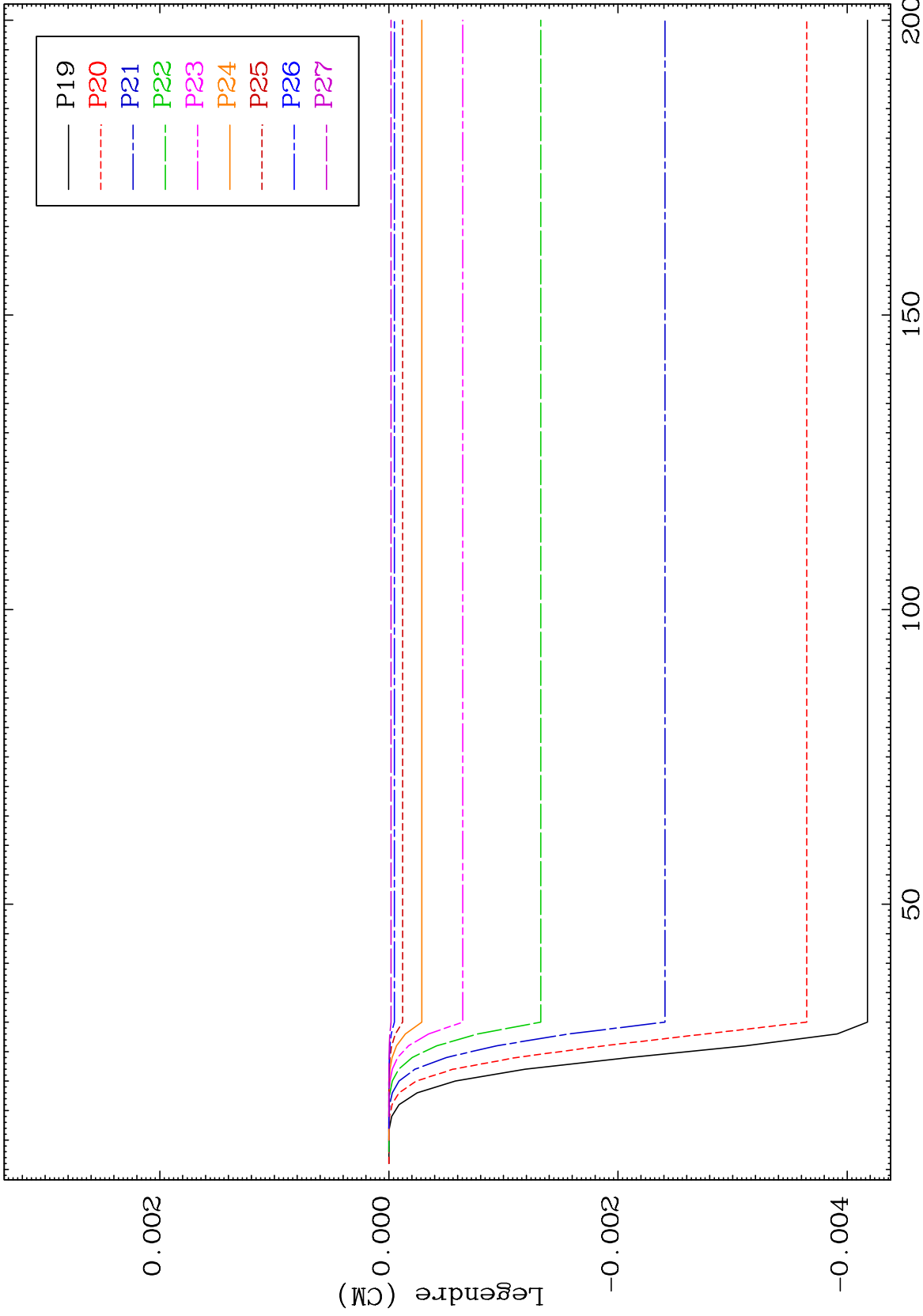
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



74

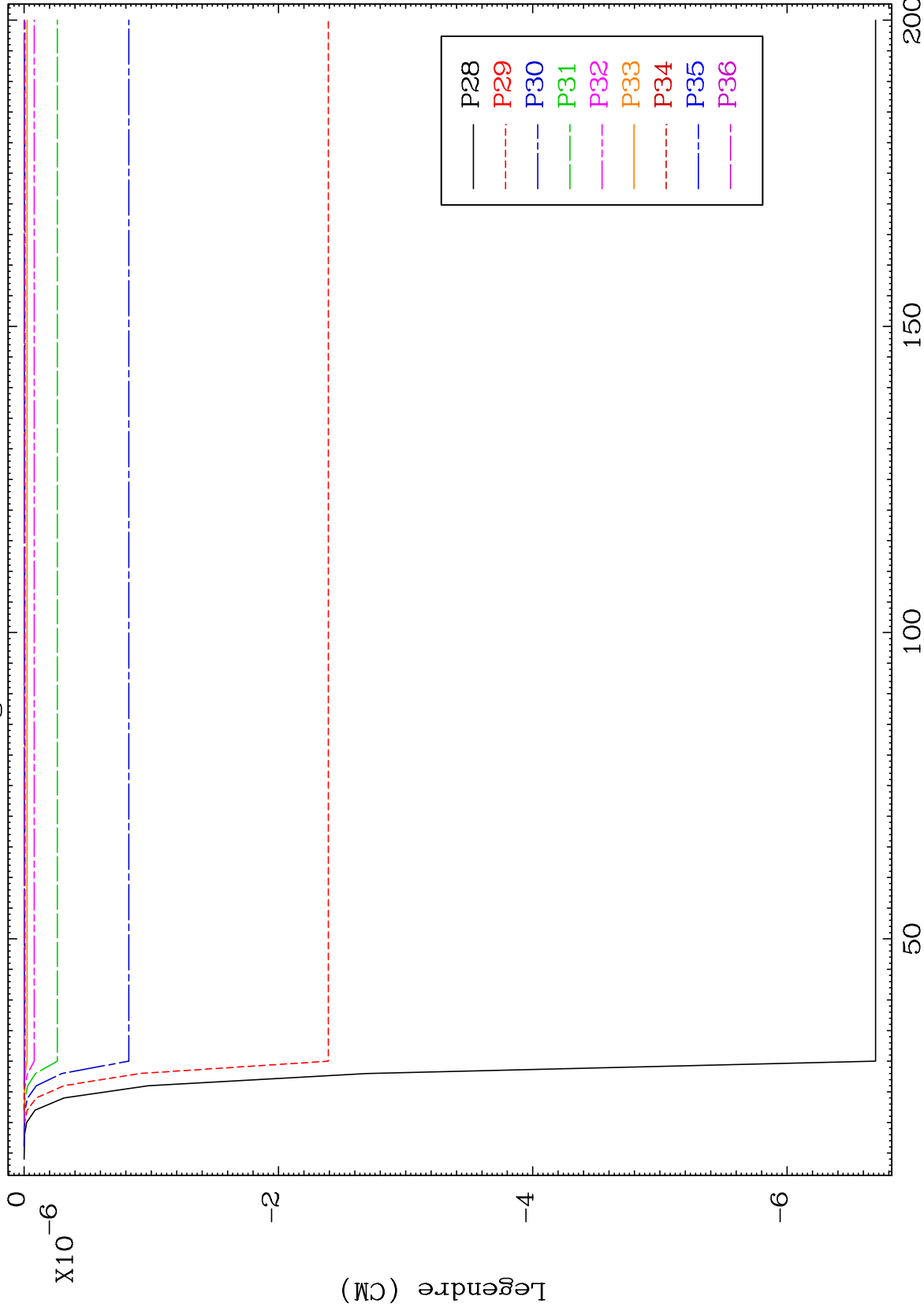
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147

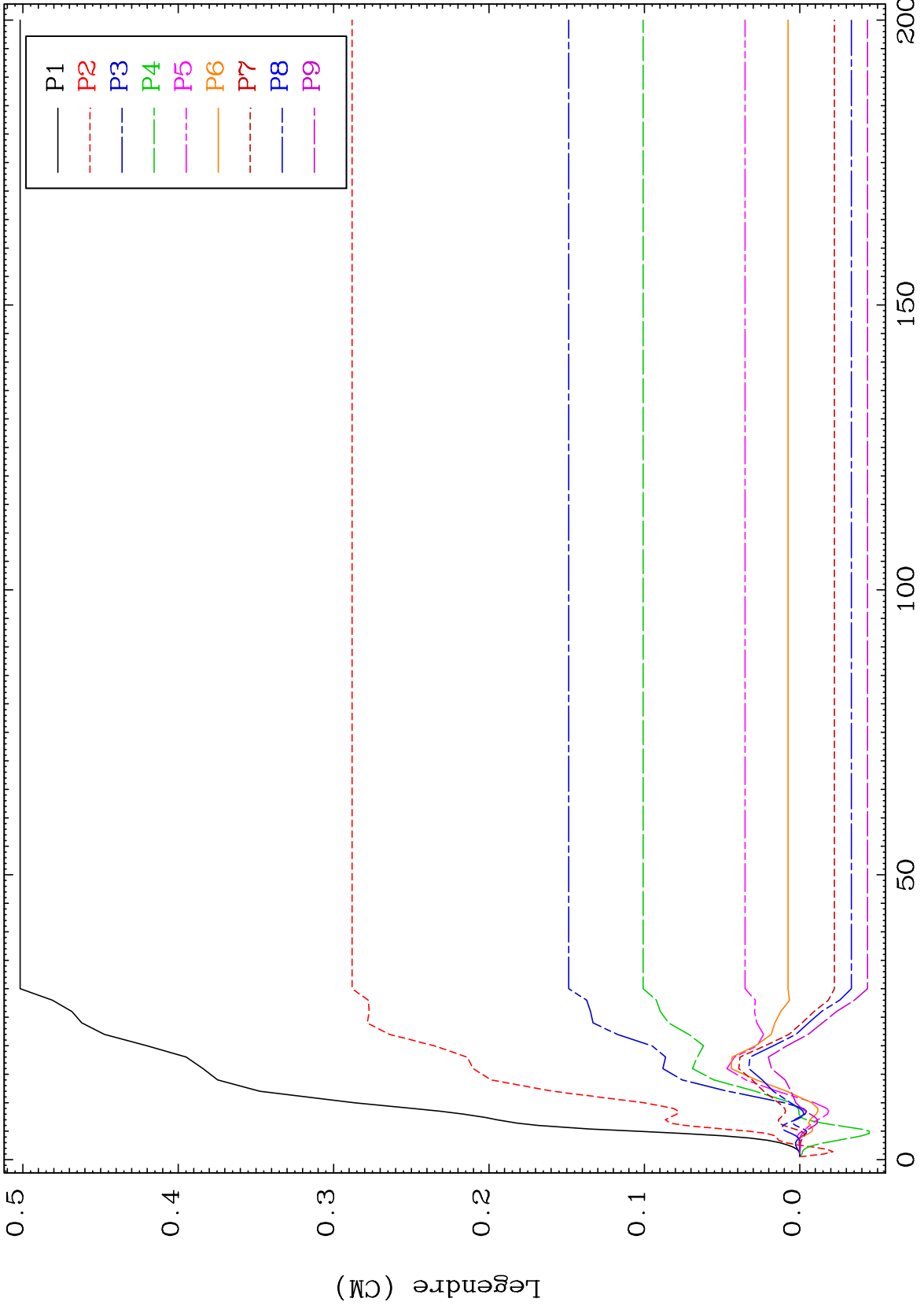


58-Ce-147

Incident Energy (MeV)

75

MAT 5858 MT= 65 (n,n') Level Legendre Coefficients 58-Ce-147

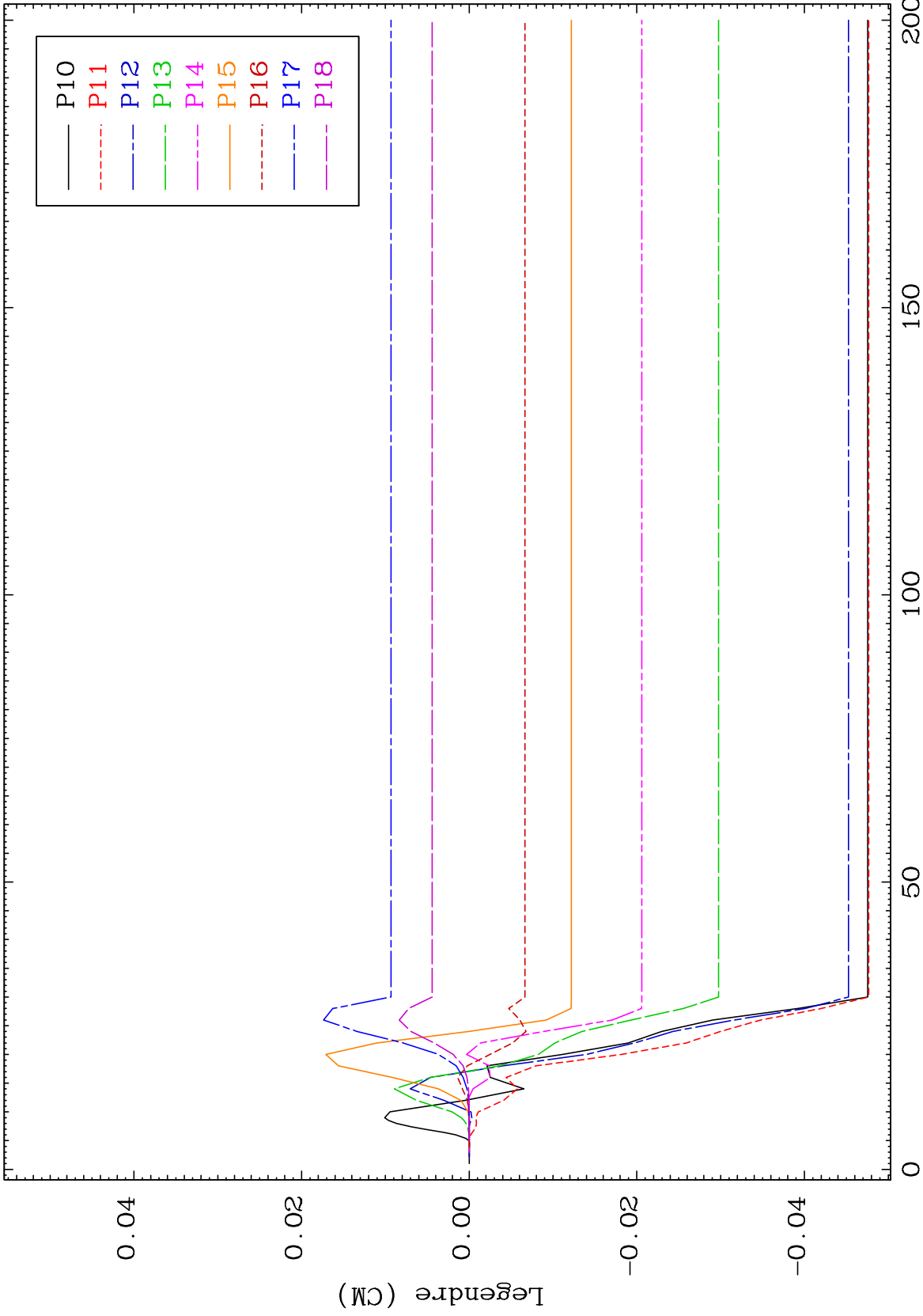


76 58-Ce-147

MAT 5858

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

58-Ce-147



77

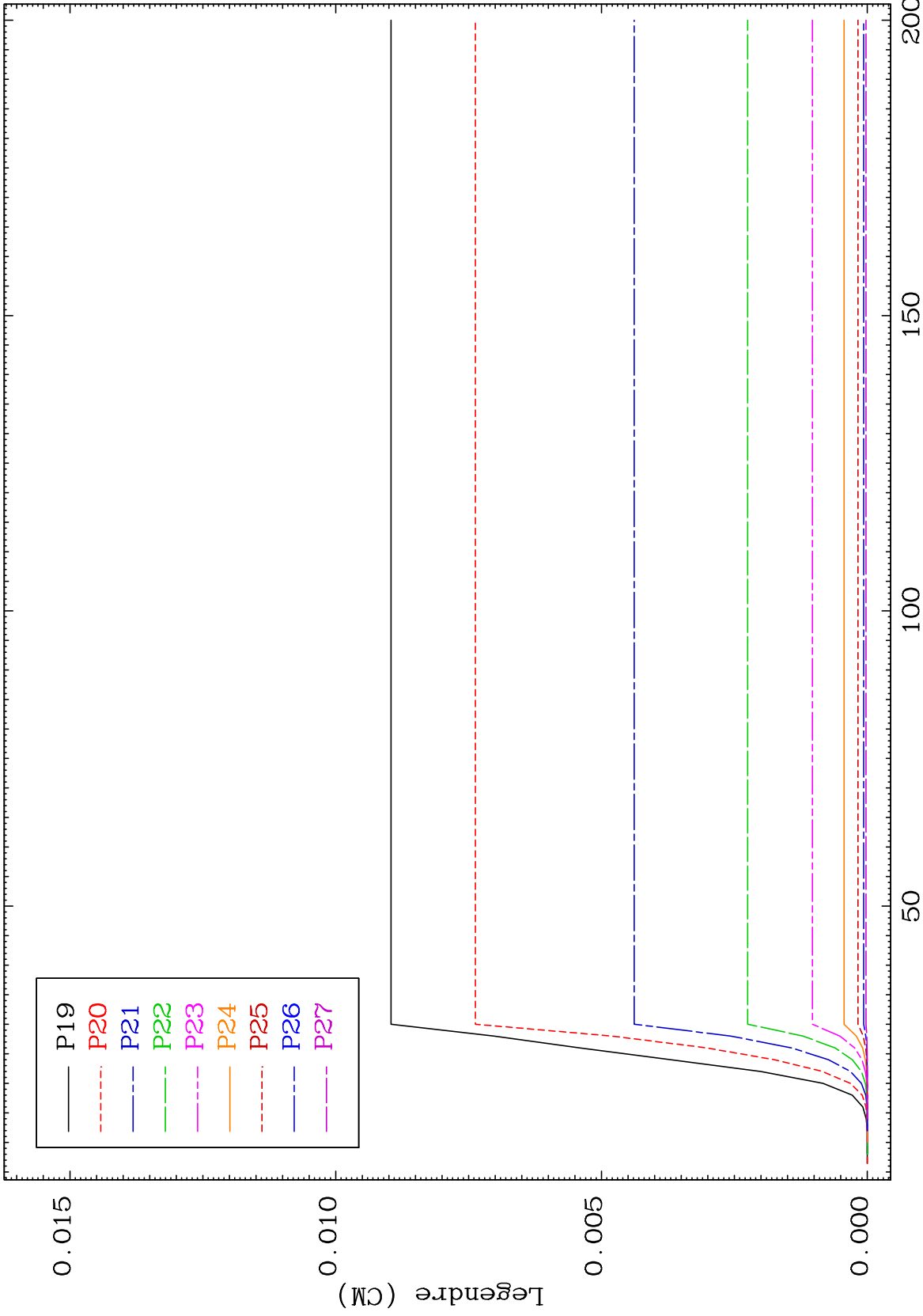
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



78

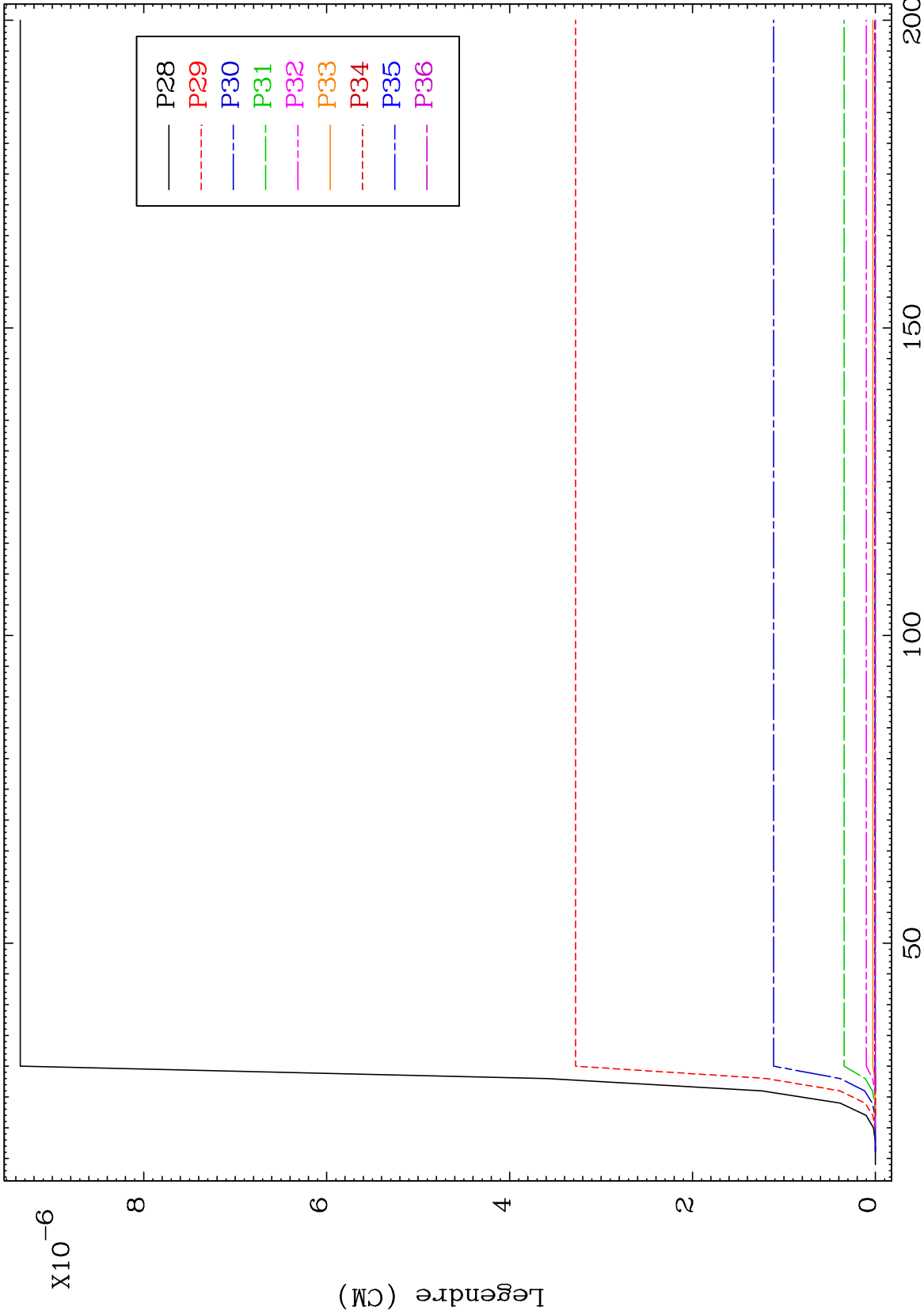
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



79

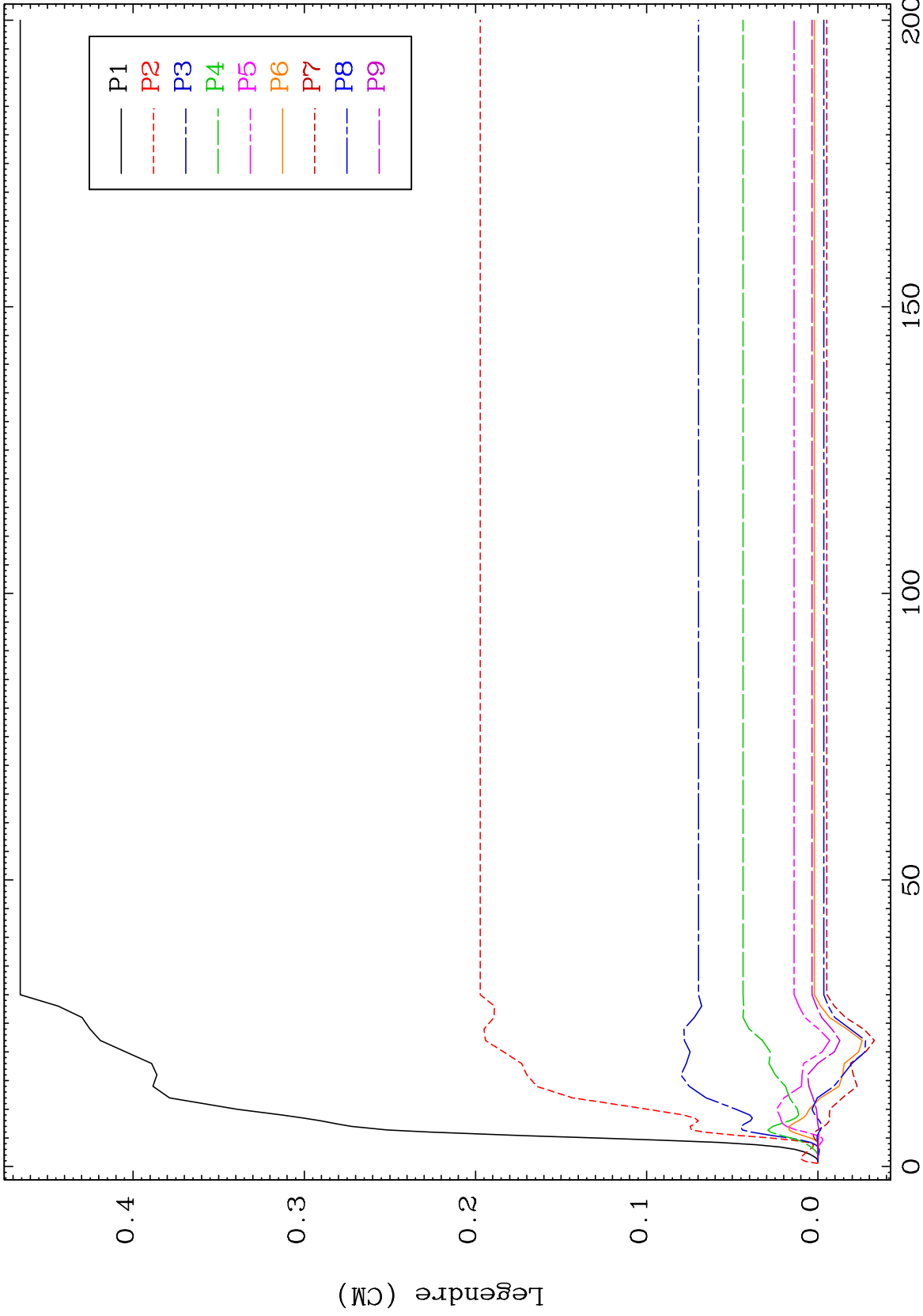
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



80

Incident Energy (MeV)

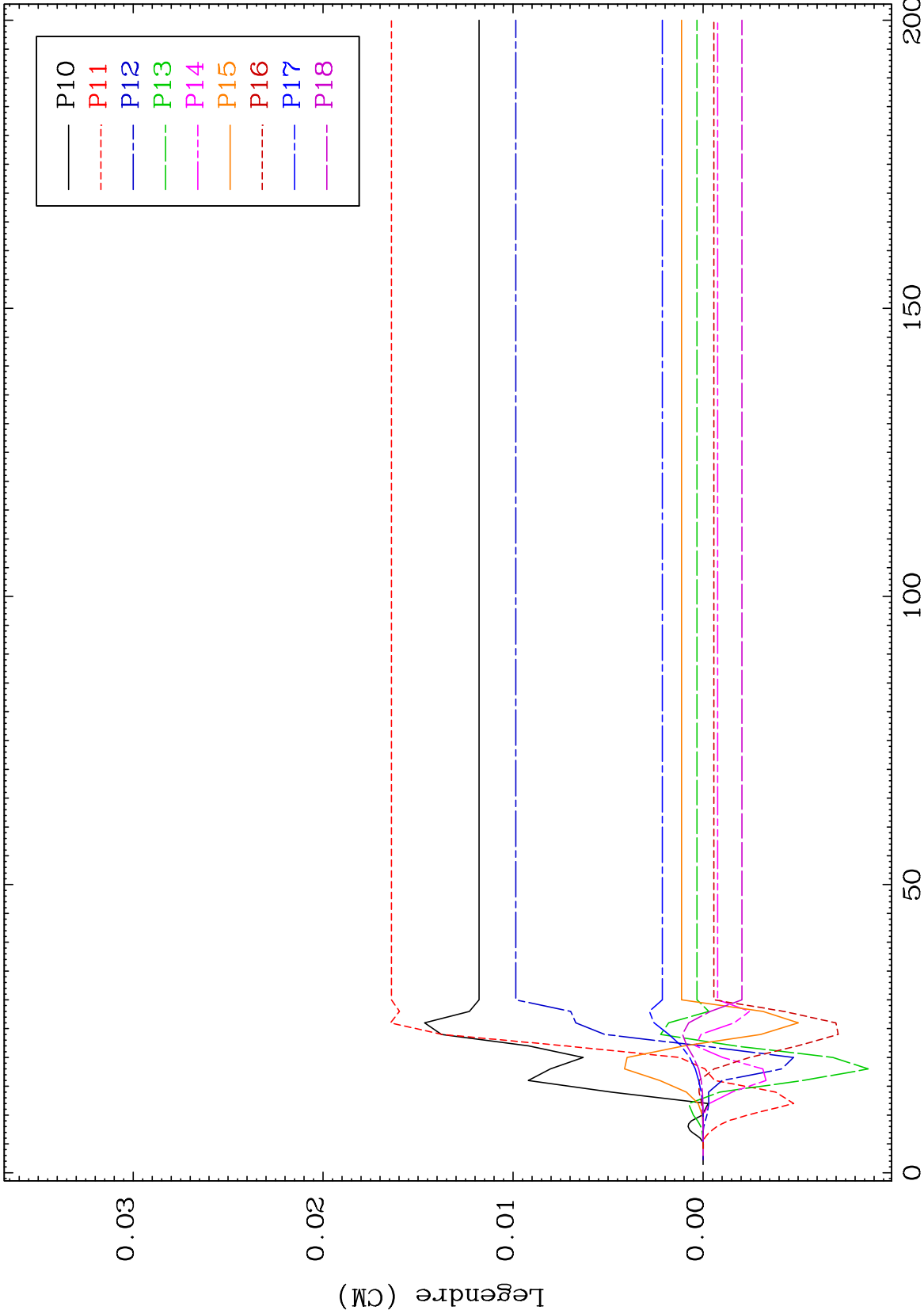
58-Ce-147

200

MAT 5858

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

58-Ce-147



81

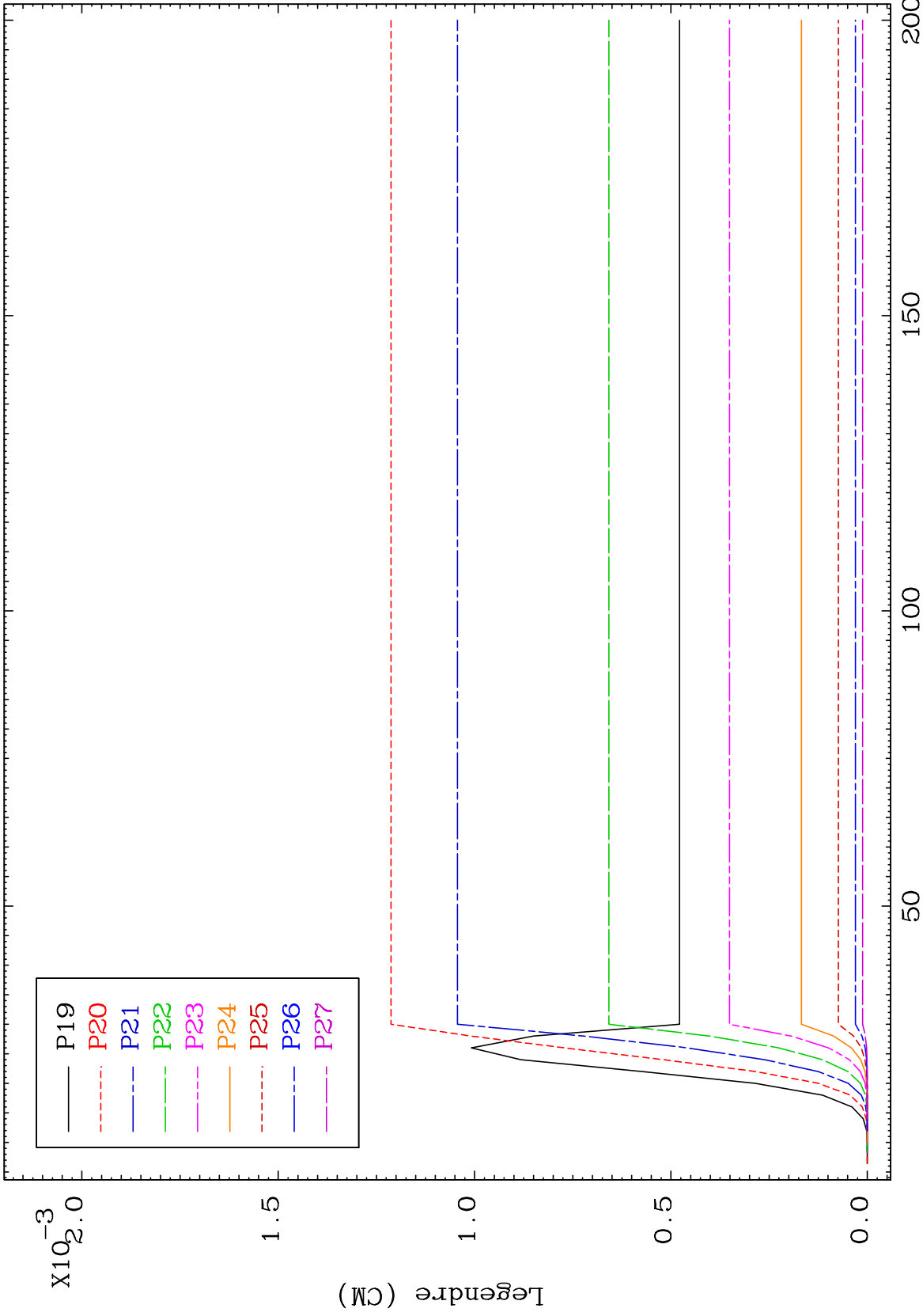
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



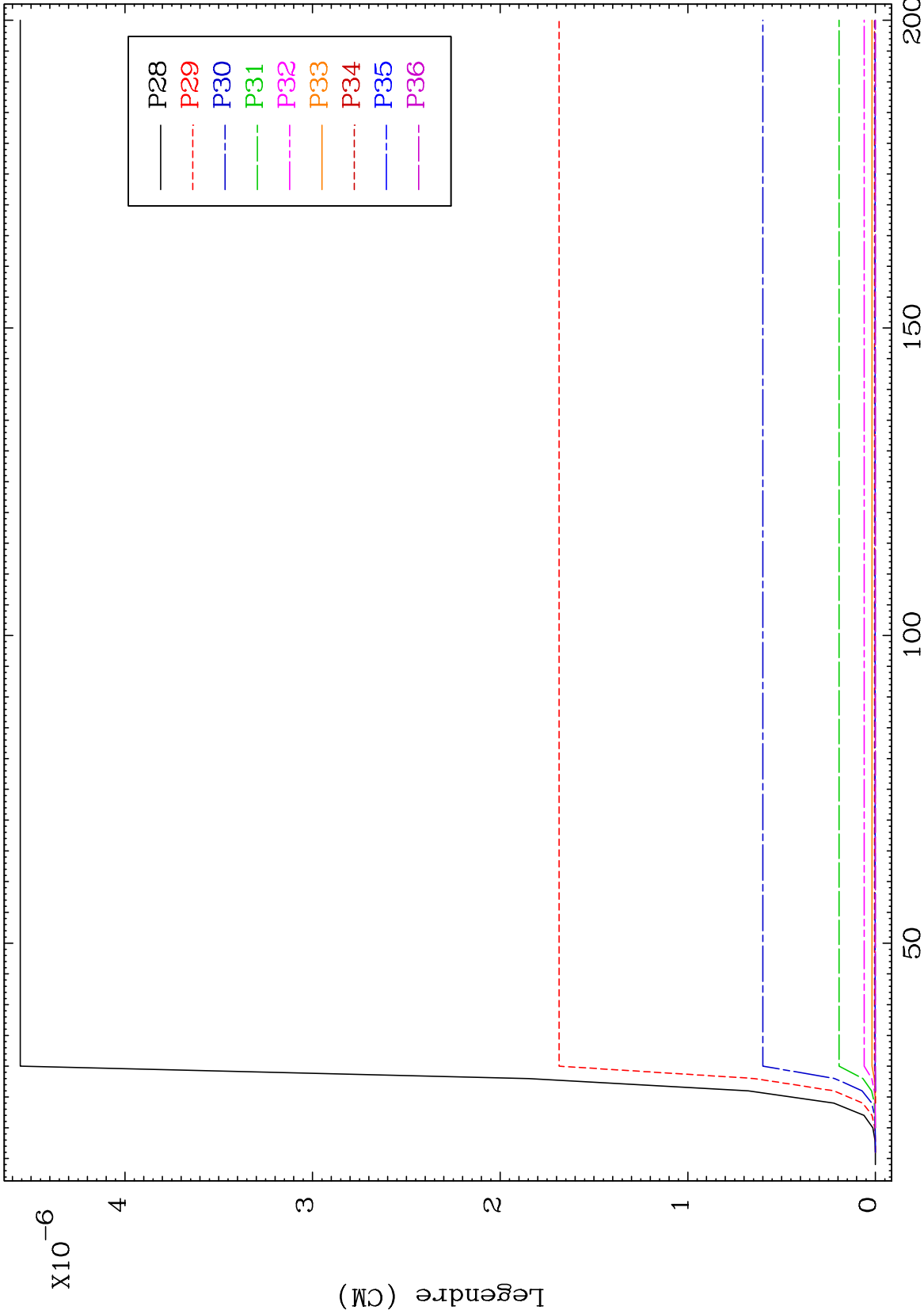
82

58-Ce-147

MAT 5858

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

58-Ce-147



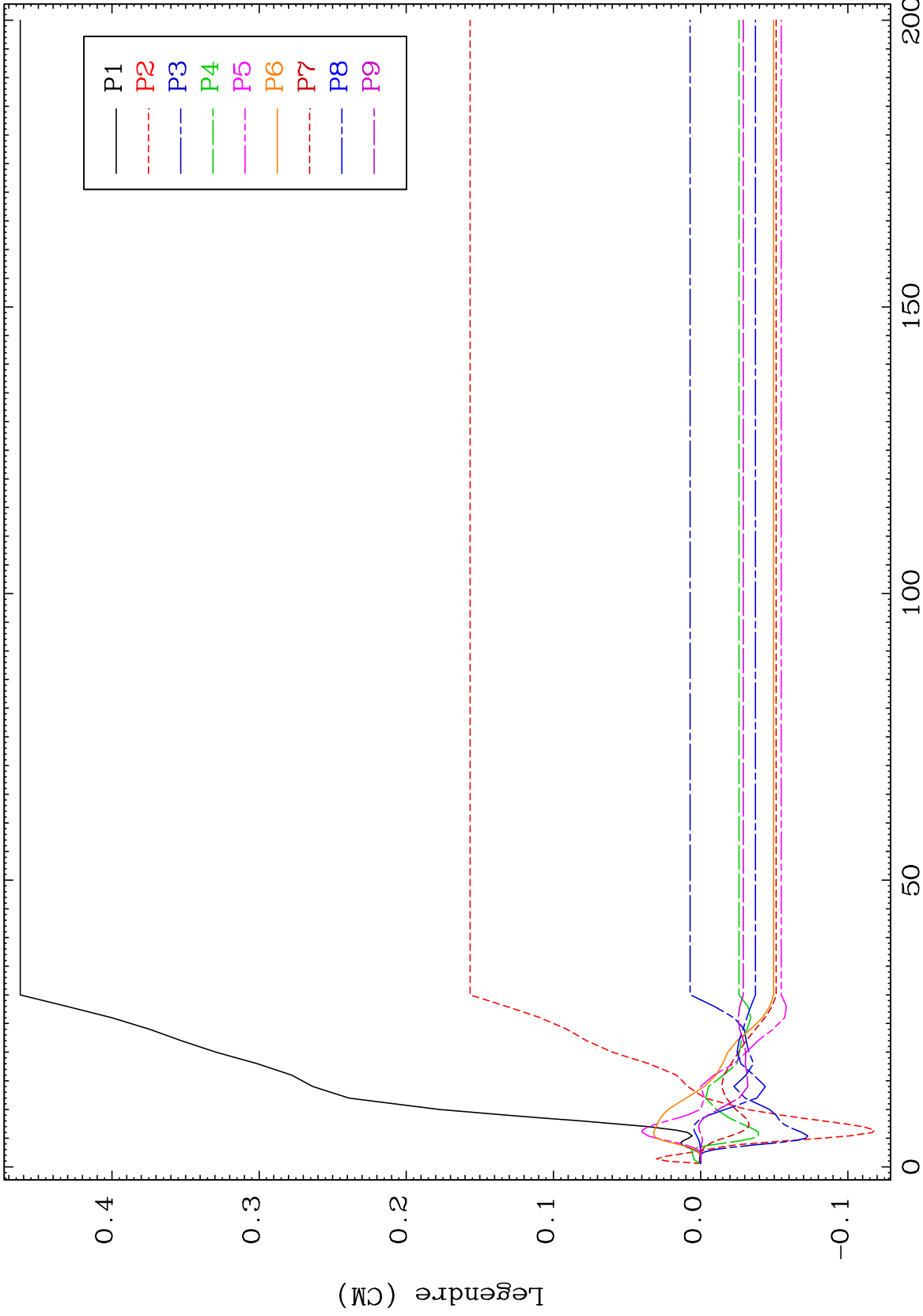
83

58-Ce-147

MAT 5858

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

58-Ce-147



84

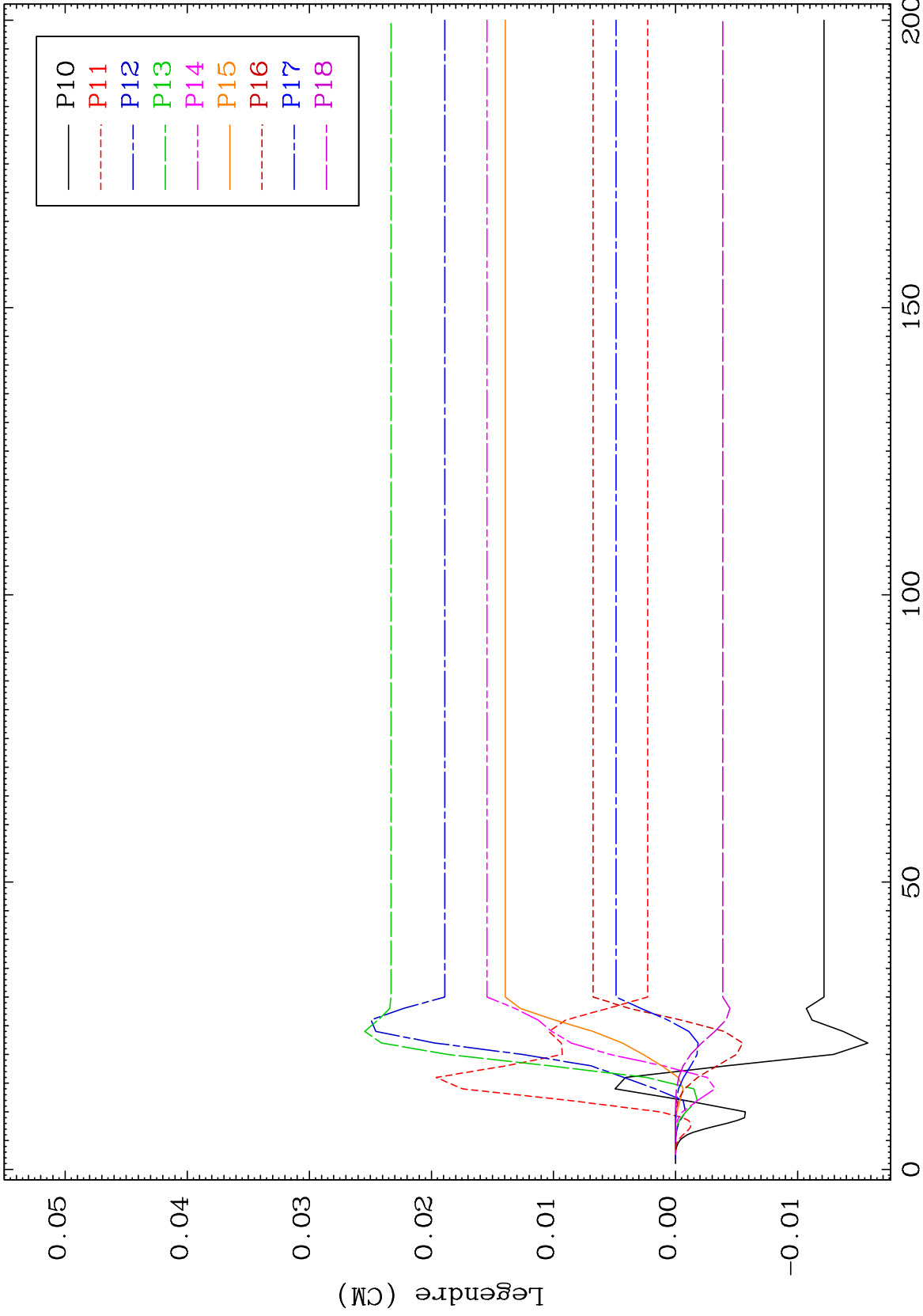
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



85

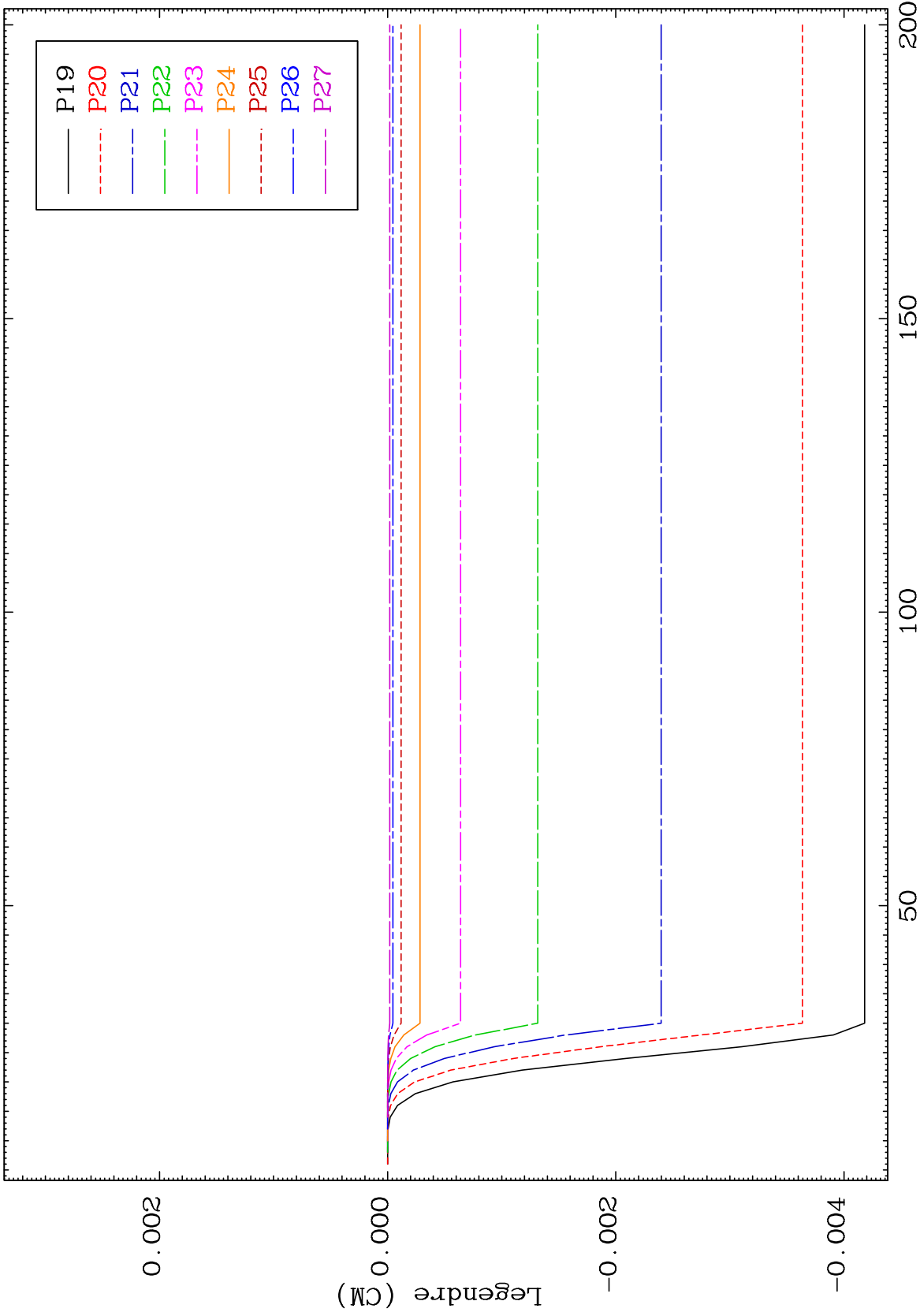
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



86

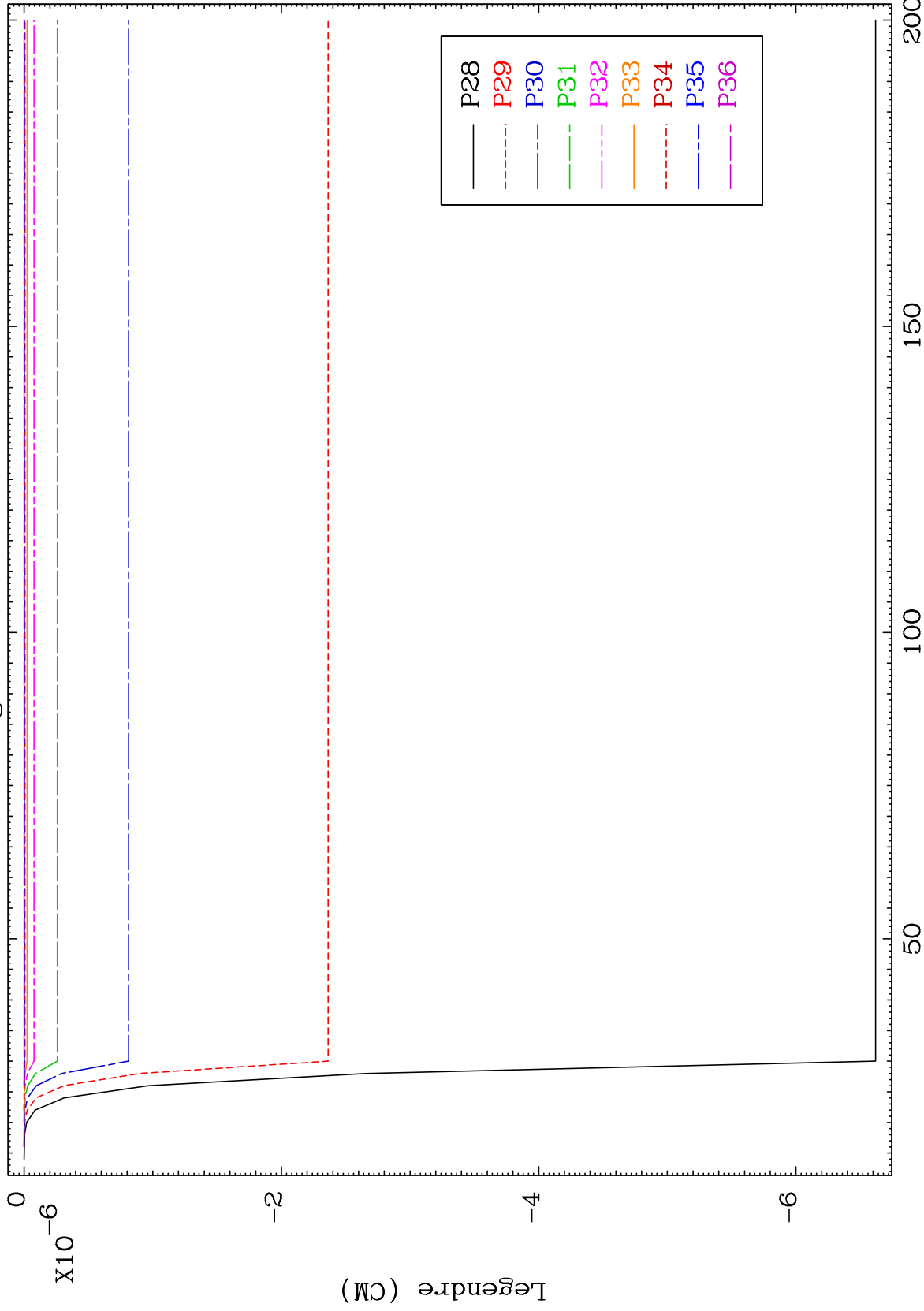
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147

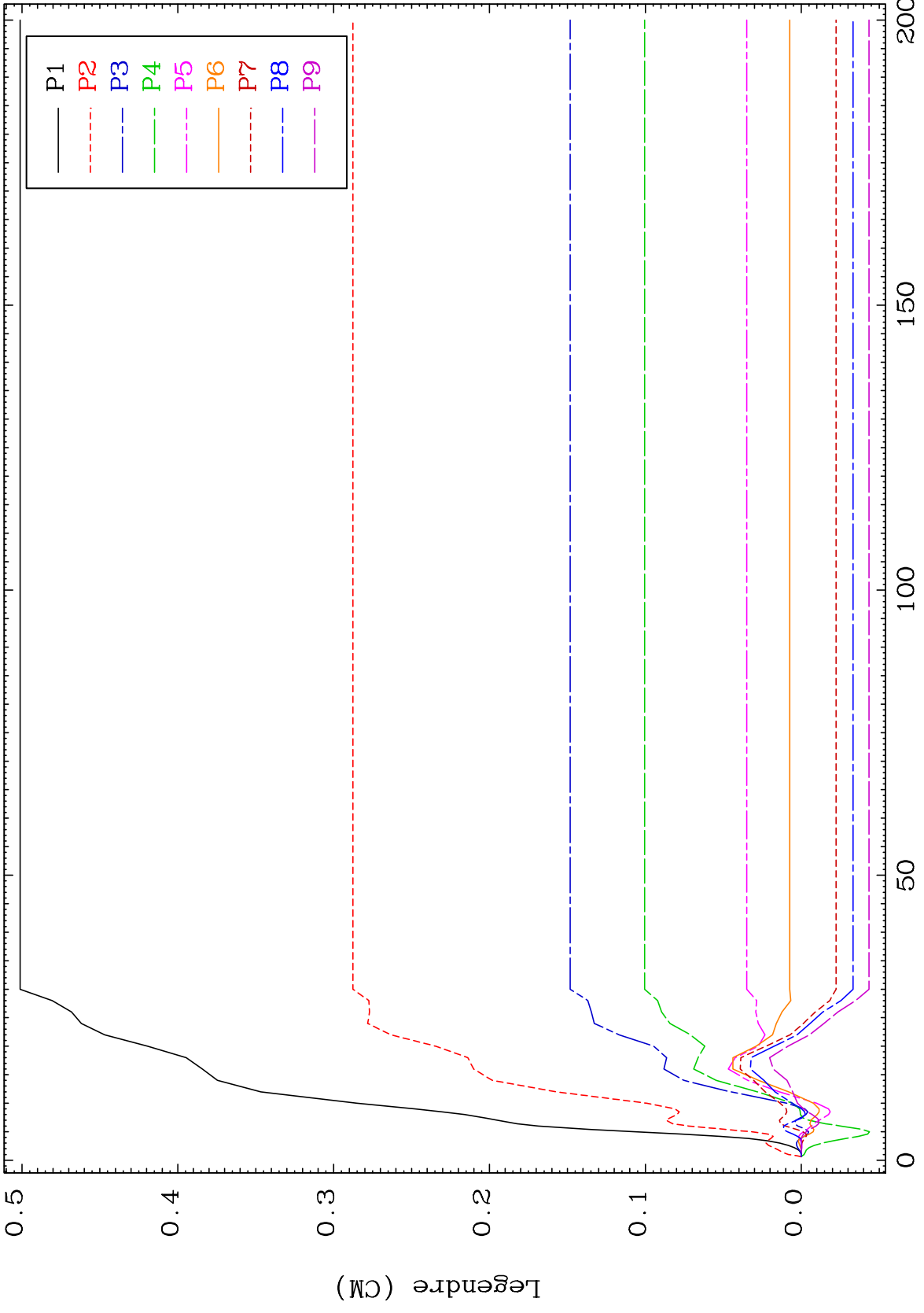


58-Ce-147

Incident Energy (MeV)

87

MAT 5858 MT= 68 (n,n') Level Legendre Coefficients 58-Ce-147

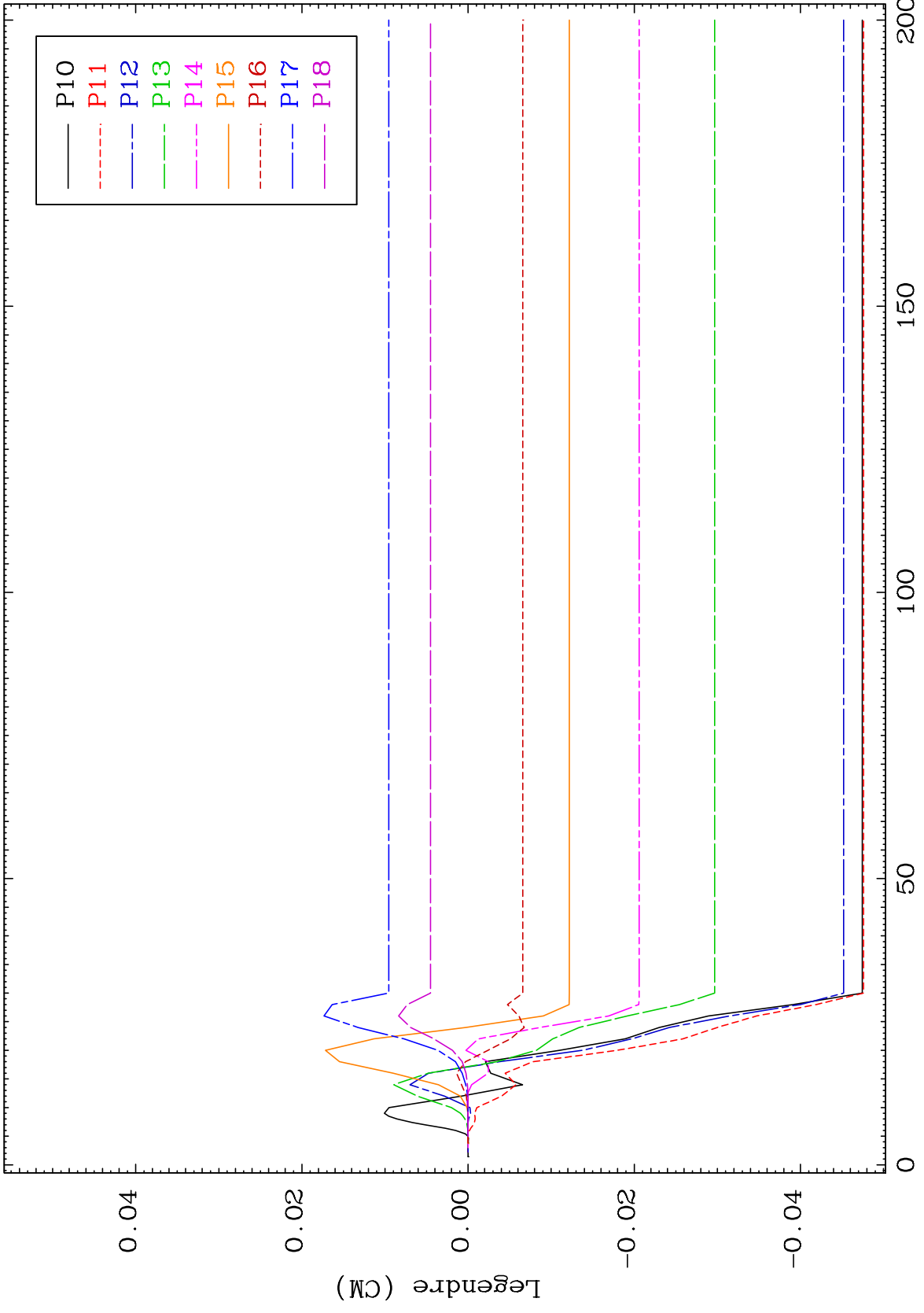


88 58-Ce-147

MAT 5858

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

58-Ce-147



89

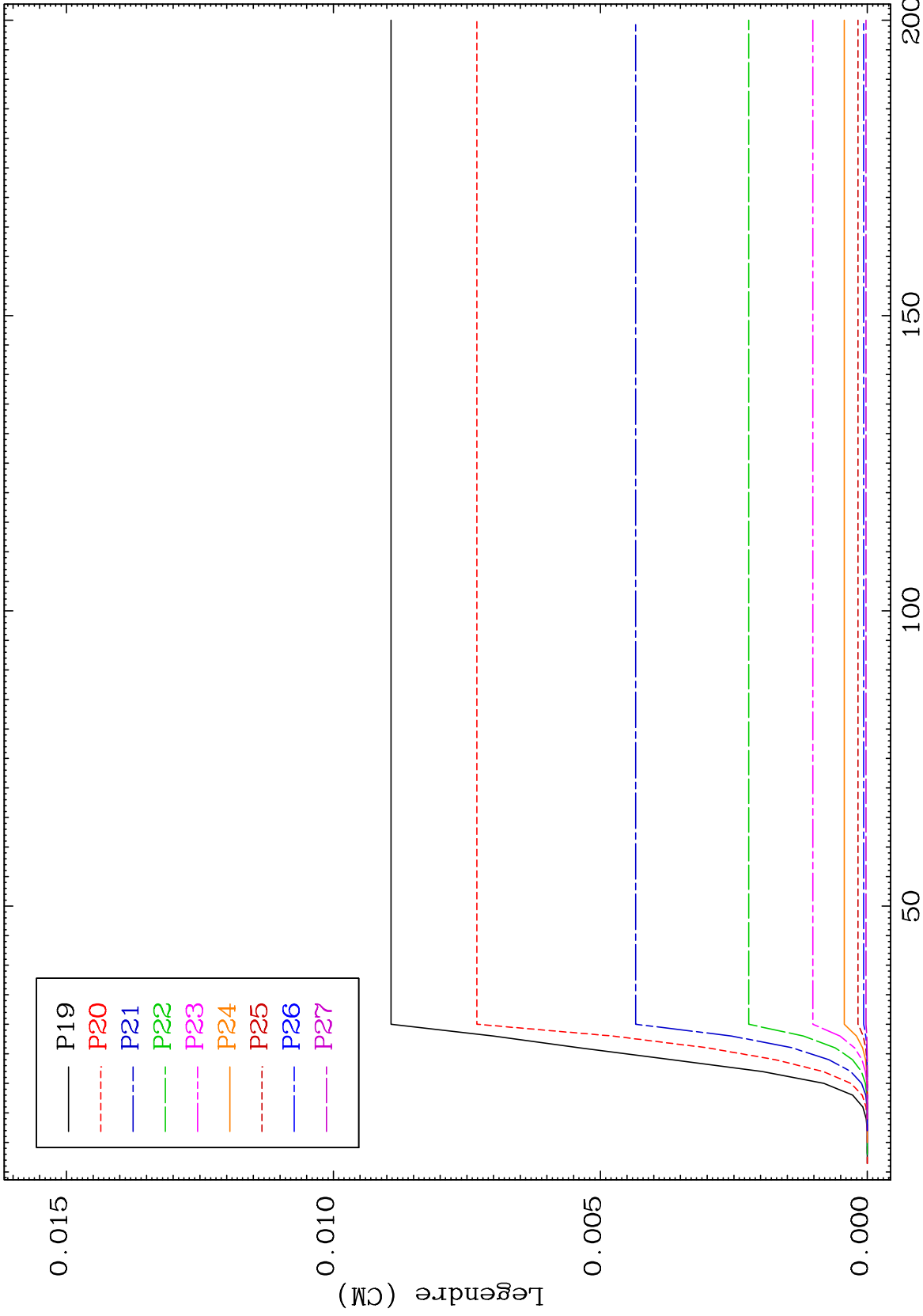
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



90

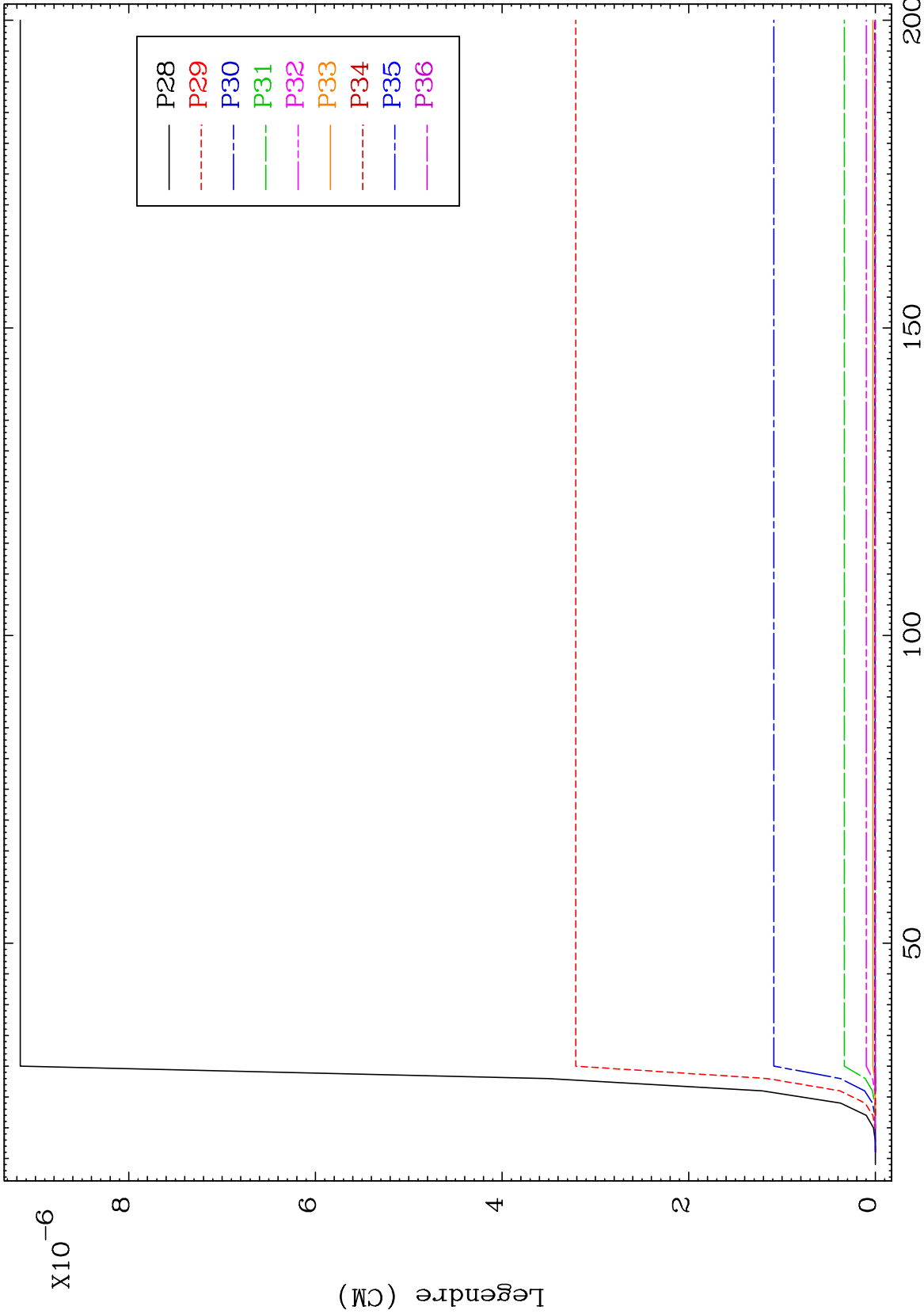
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



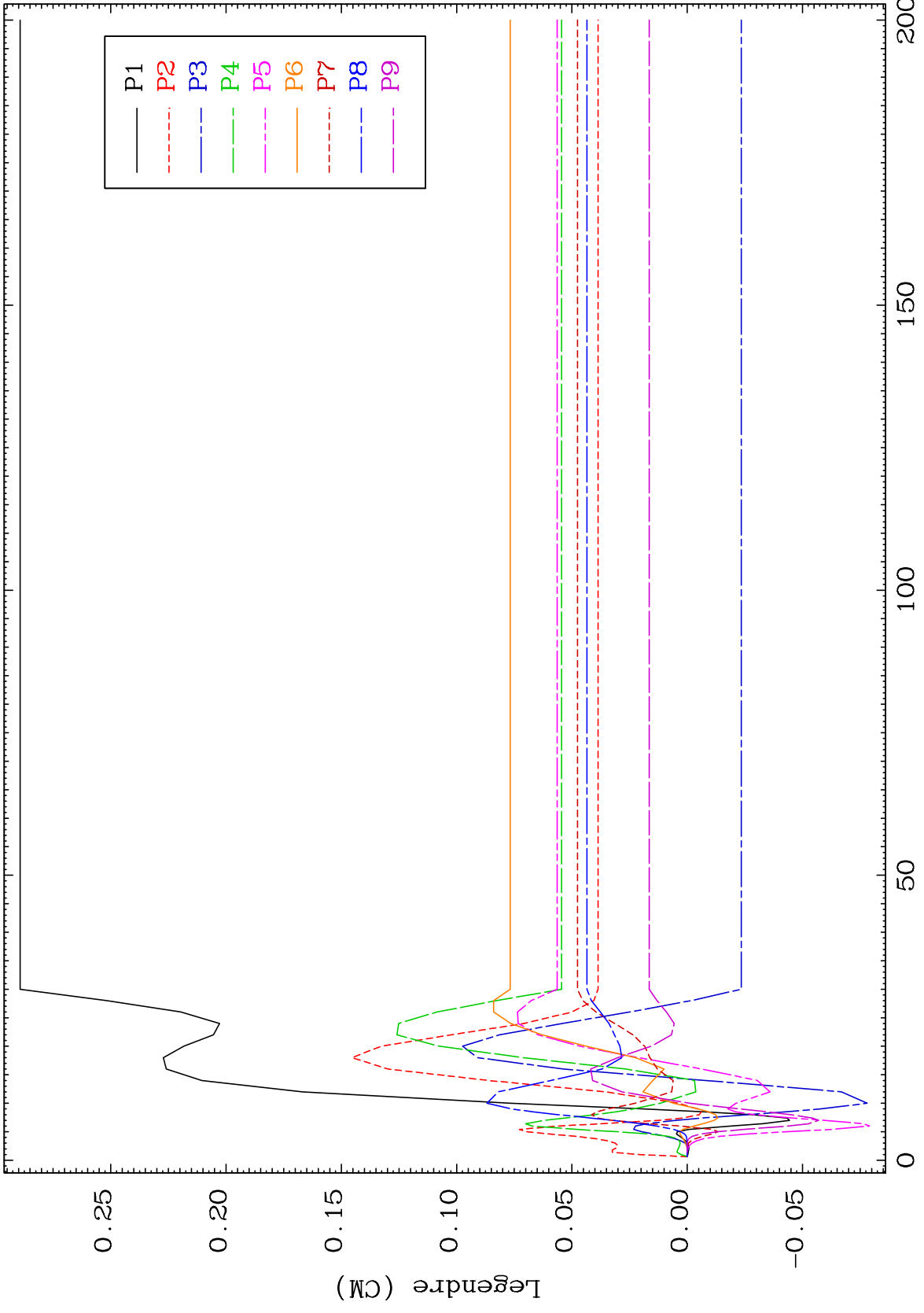
91

58-Ce-147

MAT 5858

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

58-Ce-147



92

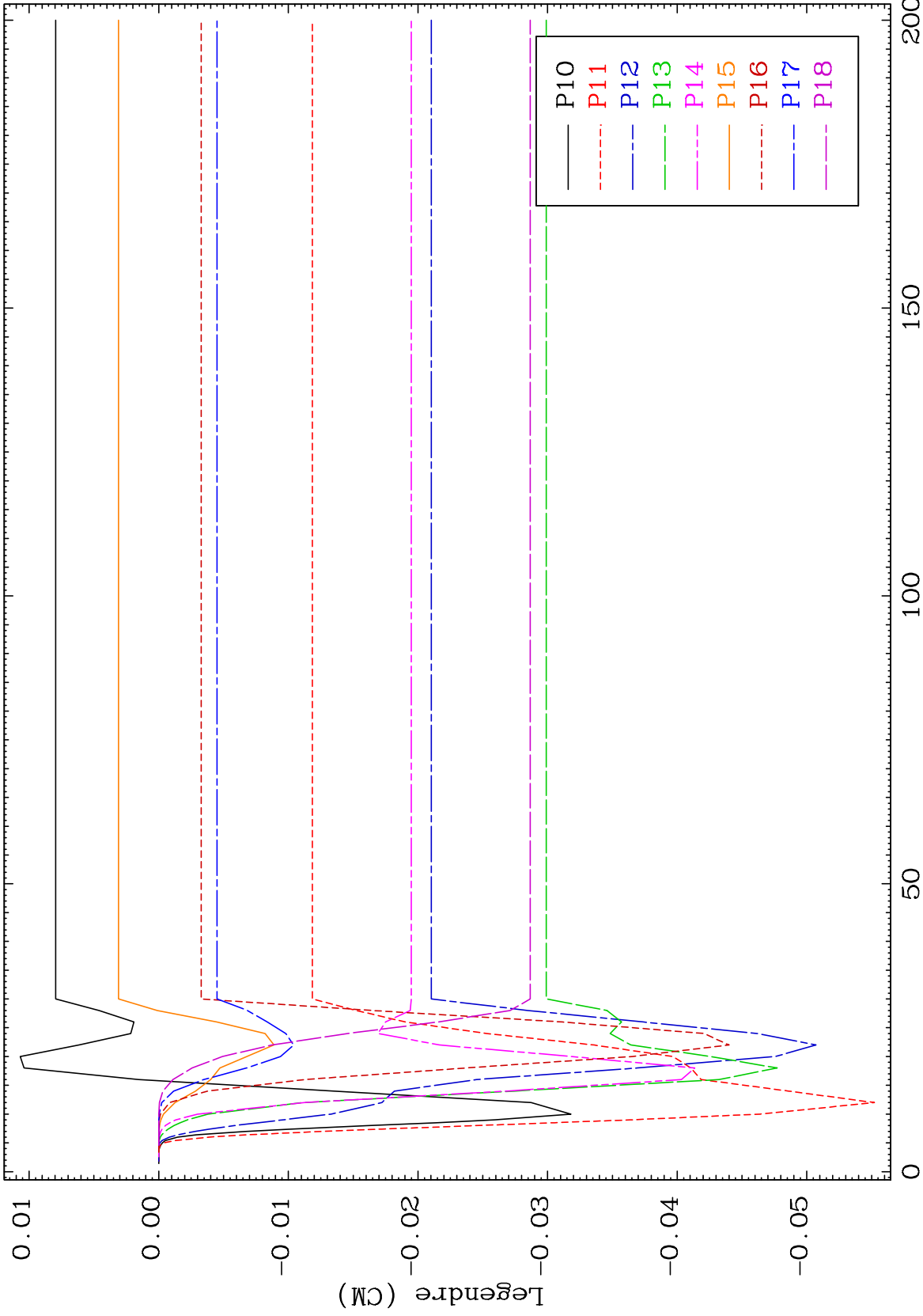
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



93

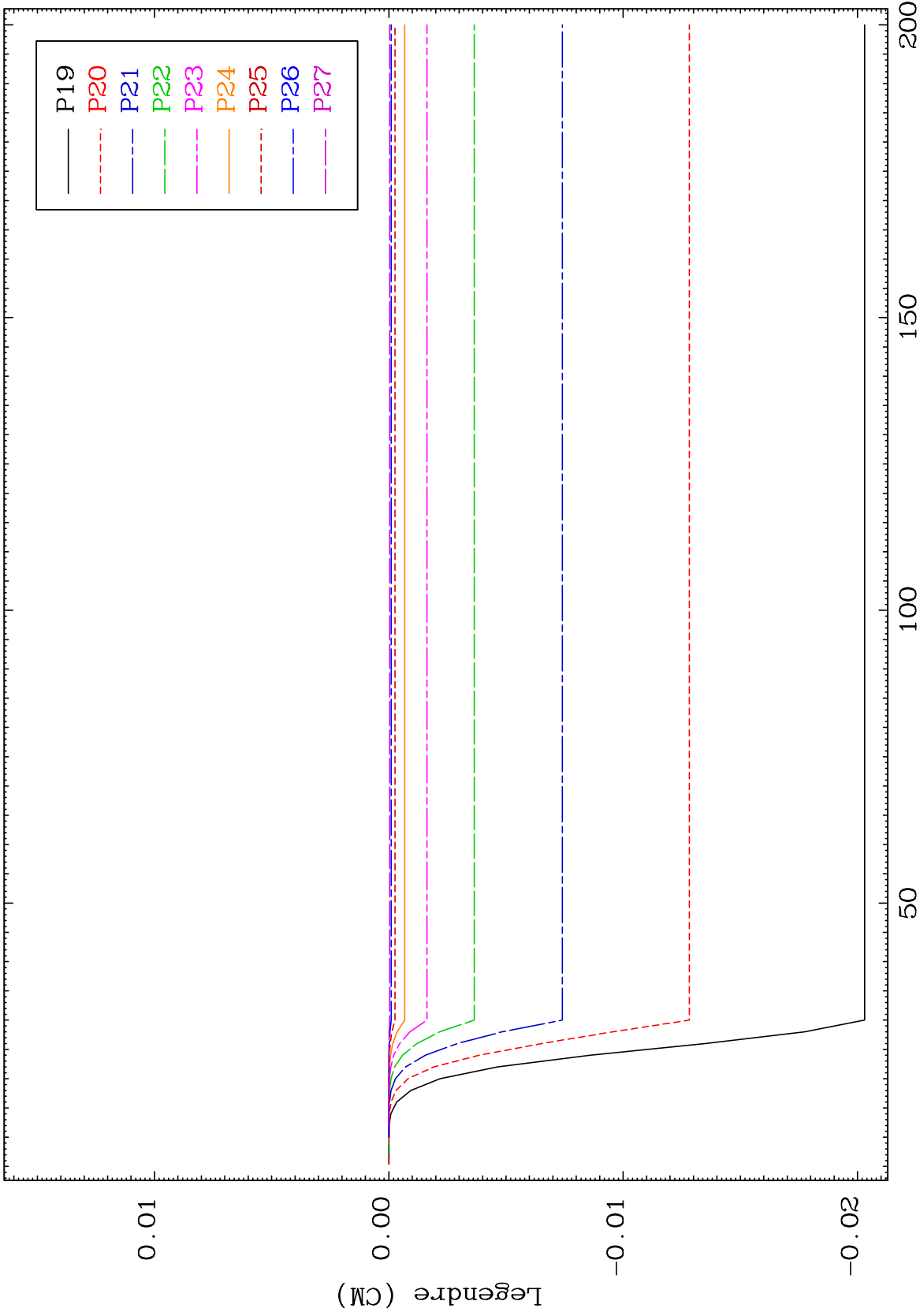
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



94

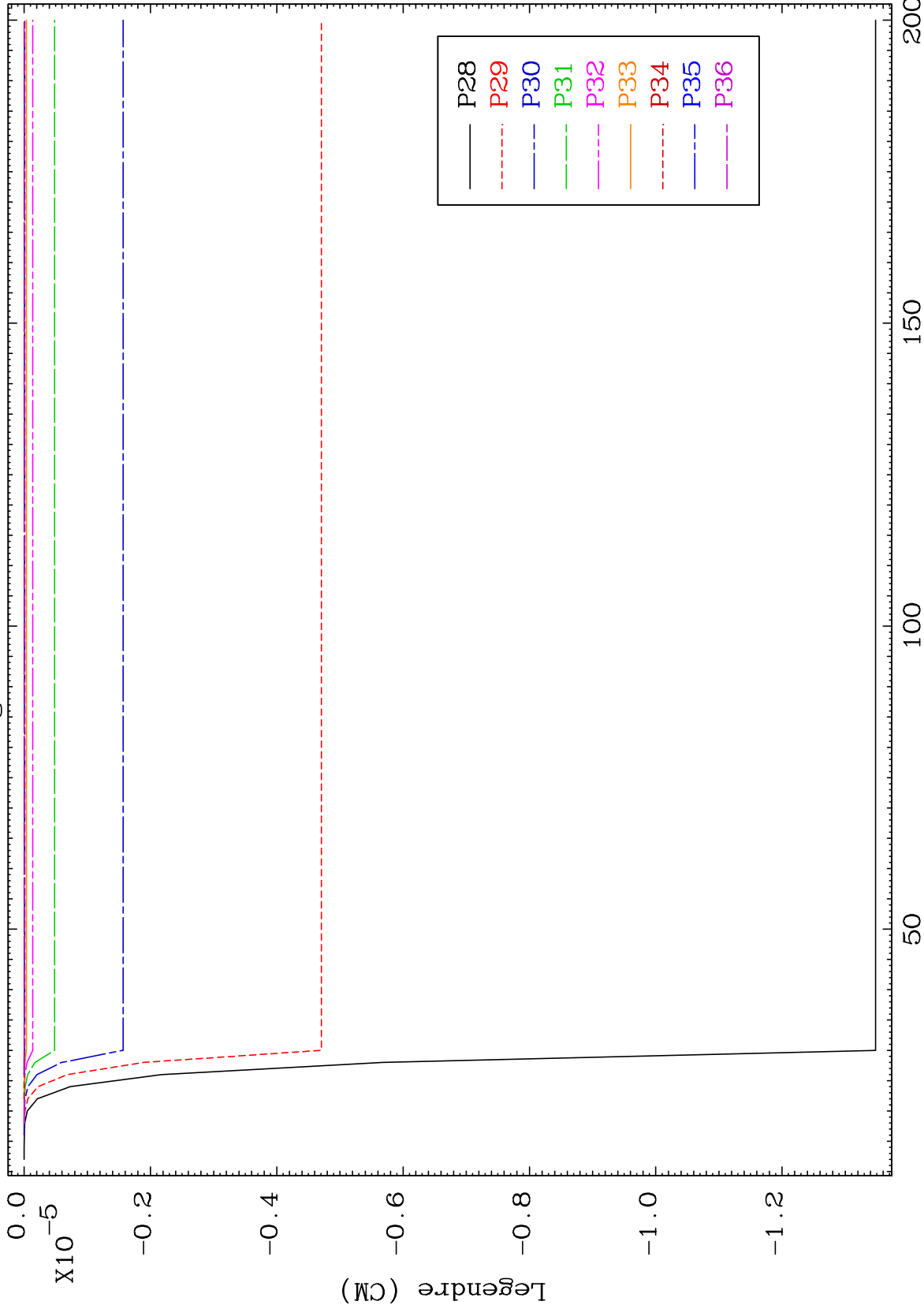
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147

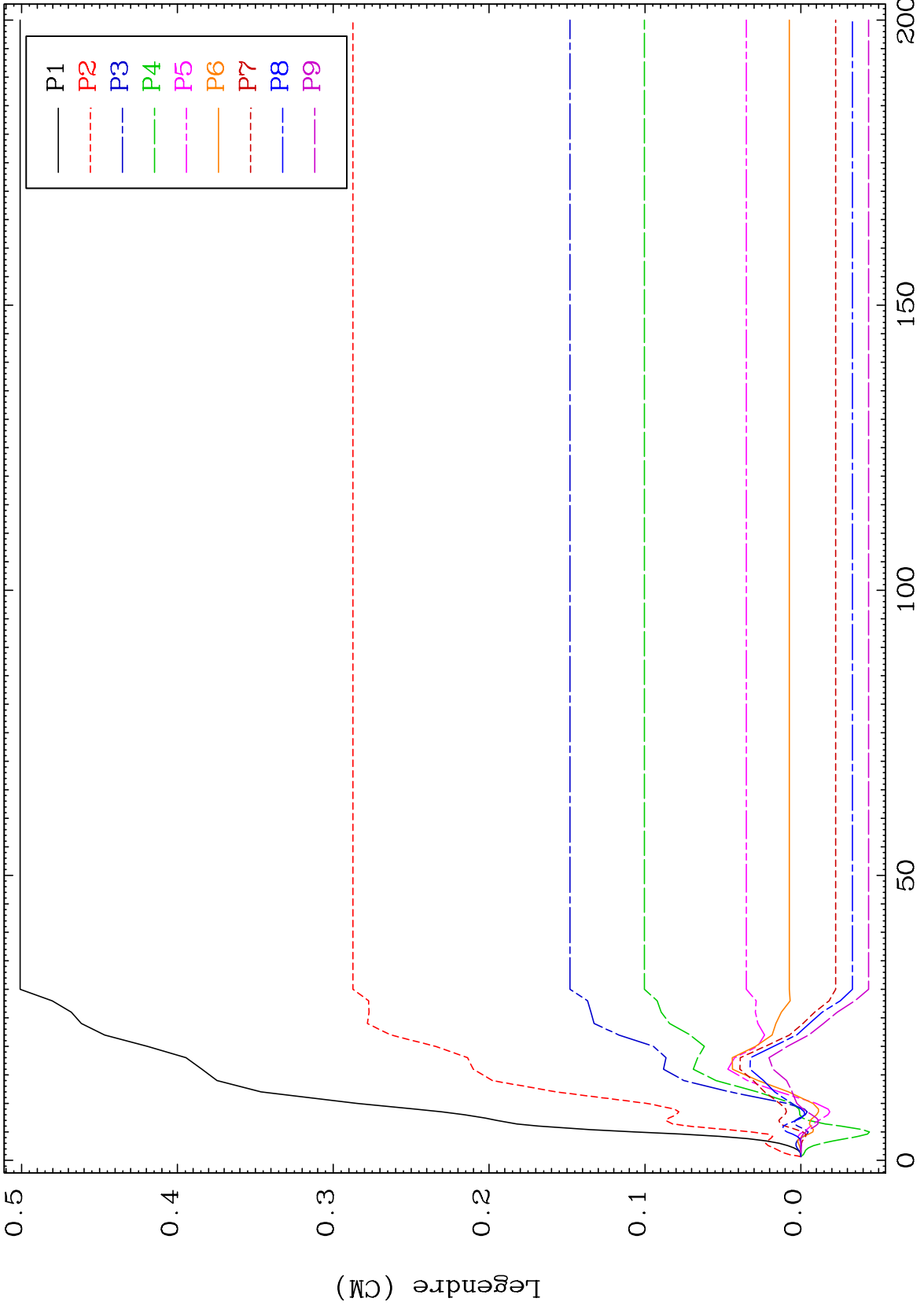


58-Ce-147

Incident Energy (MeV)

95

MAT 5858 MT= 70 (n,n') Level Legendre Coefficients 58-Ce-147

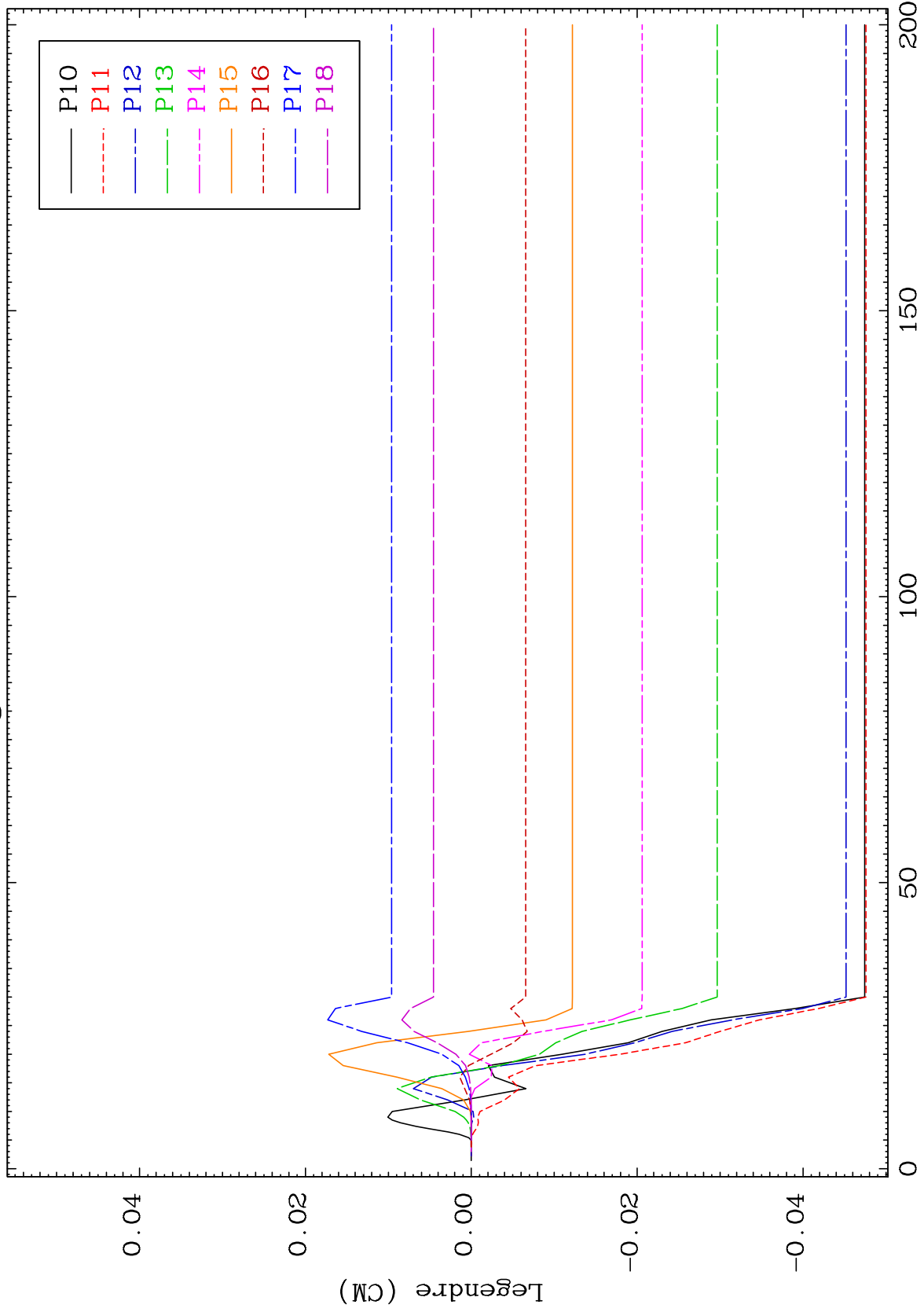


96 58-Ce-147

MAT 5858

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

58-Ce-147



97

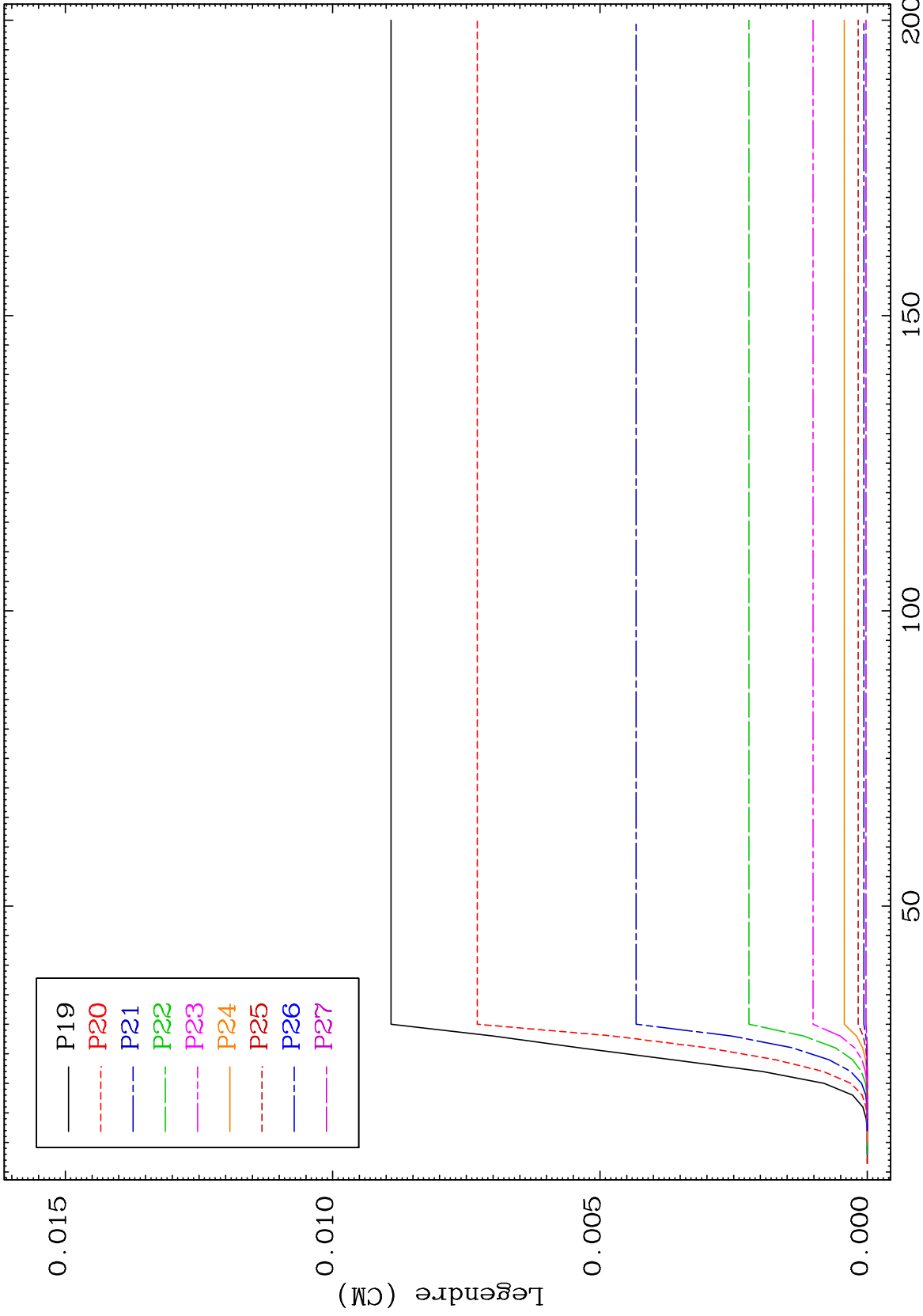
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



98

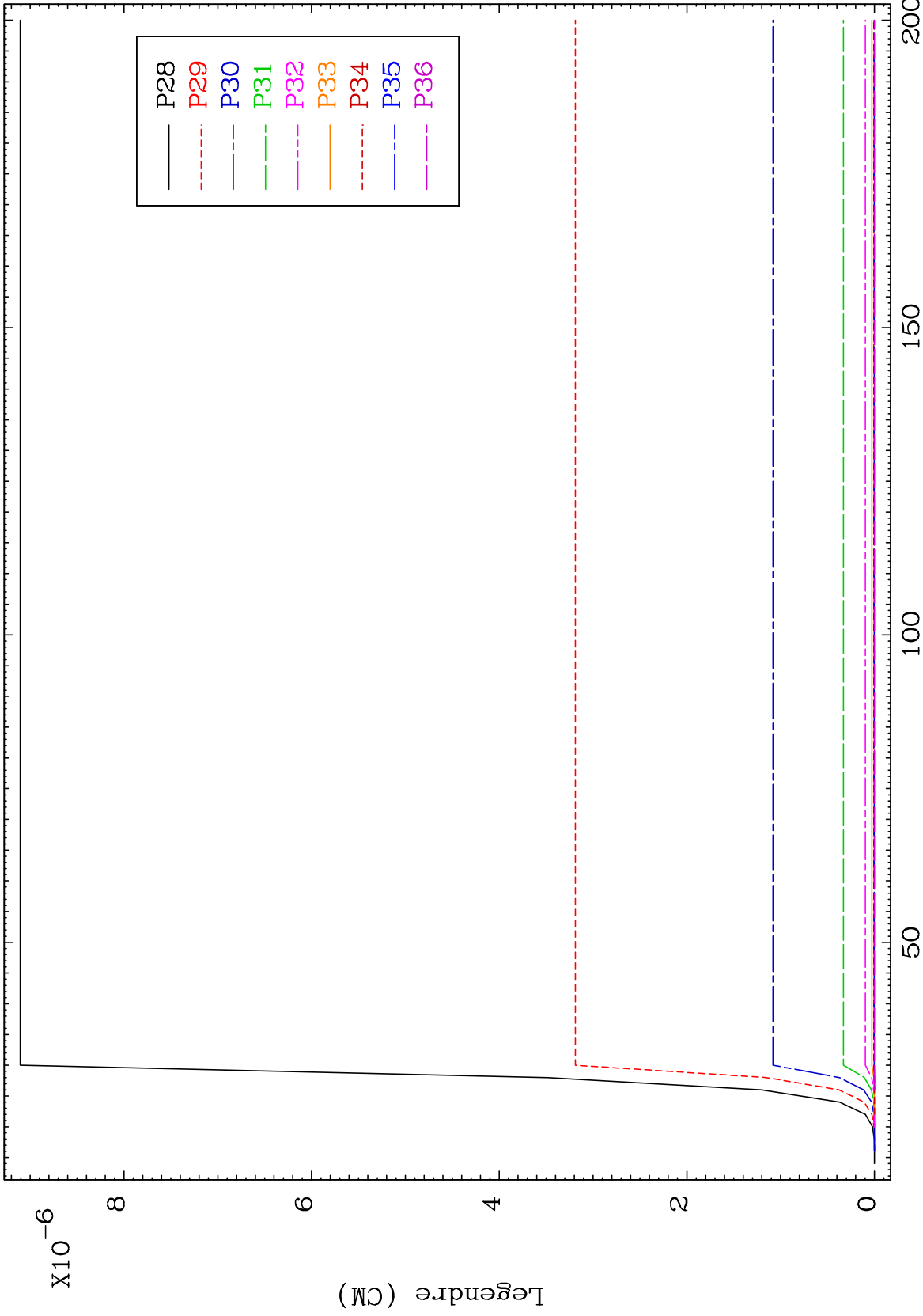
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



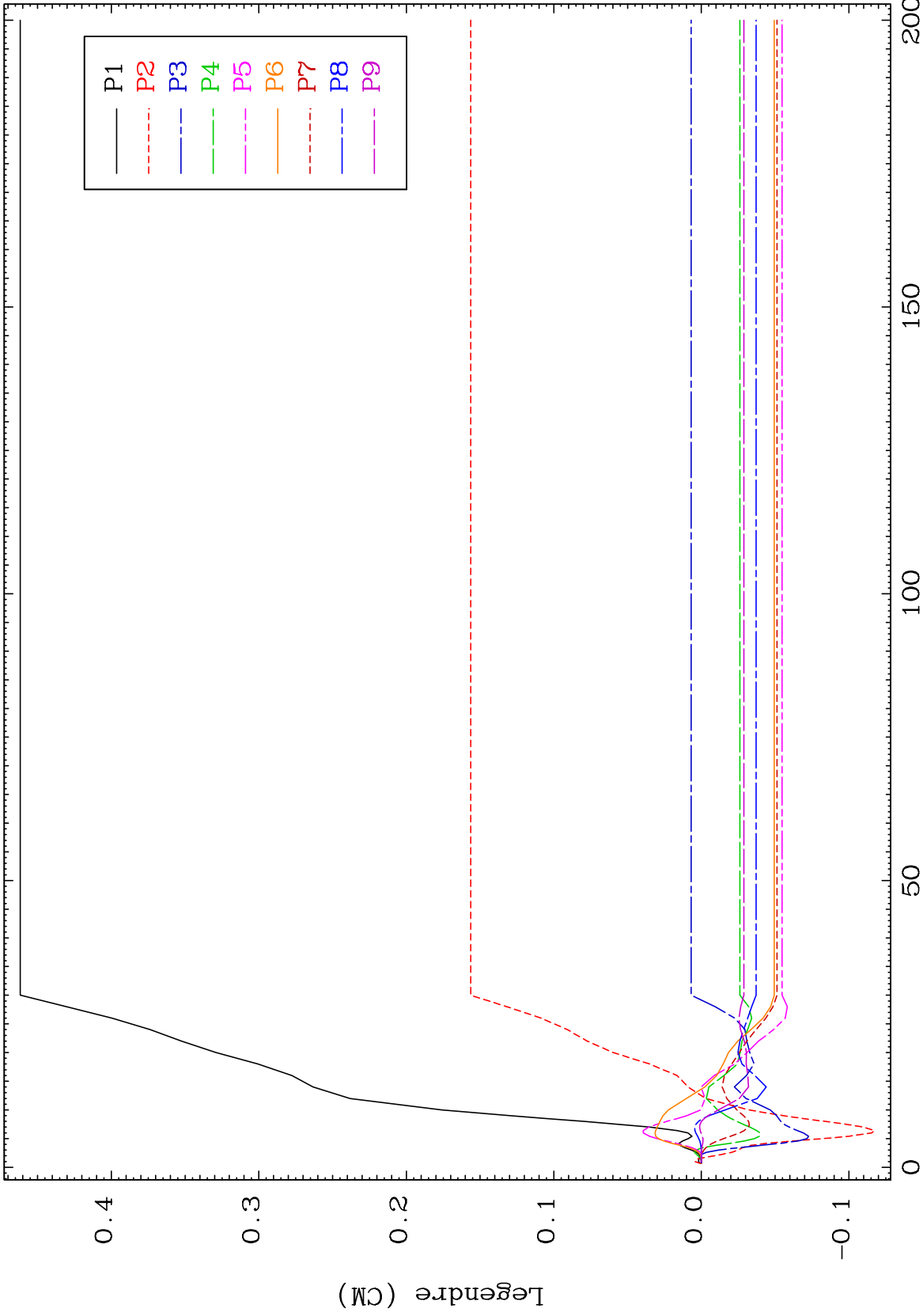
99

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

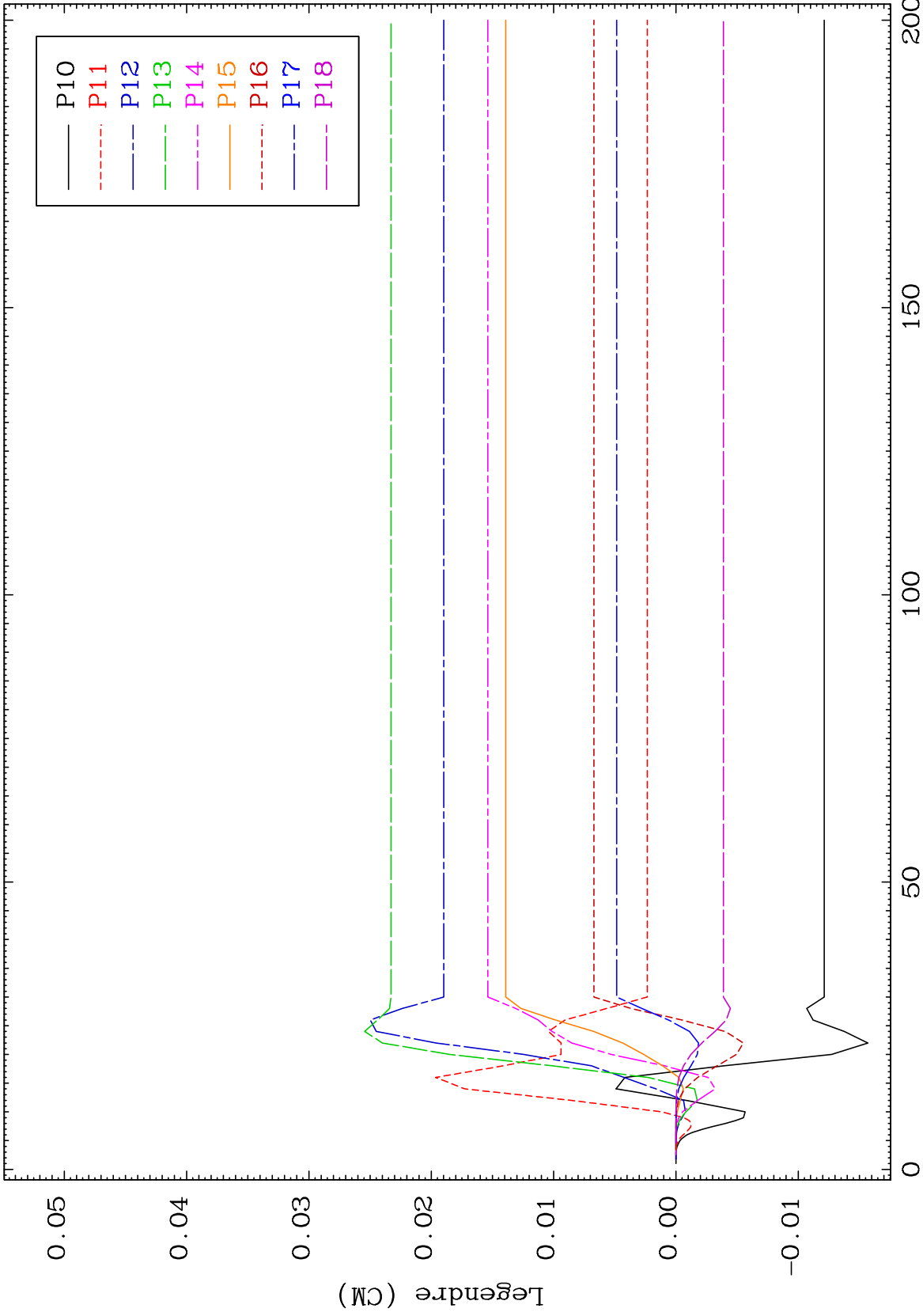
Incident Energy (MeV)

100

MAT 5858

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

58-Ce-147



101

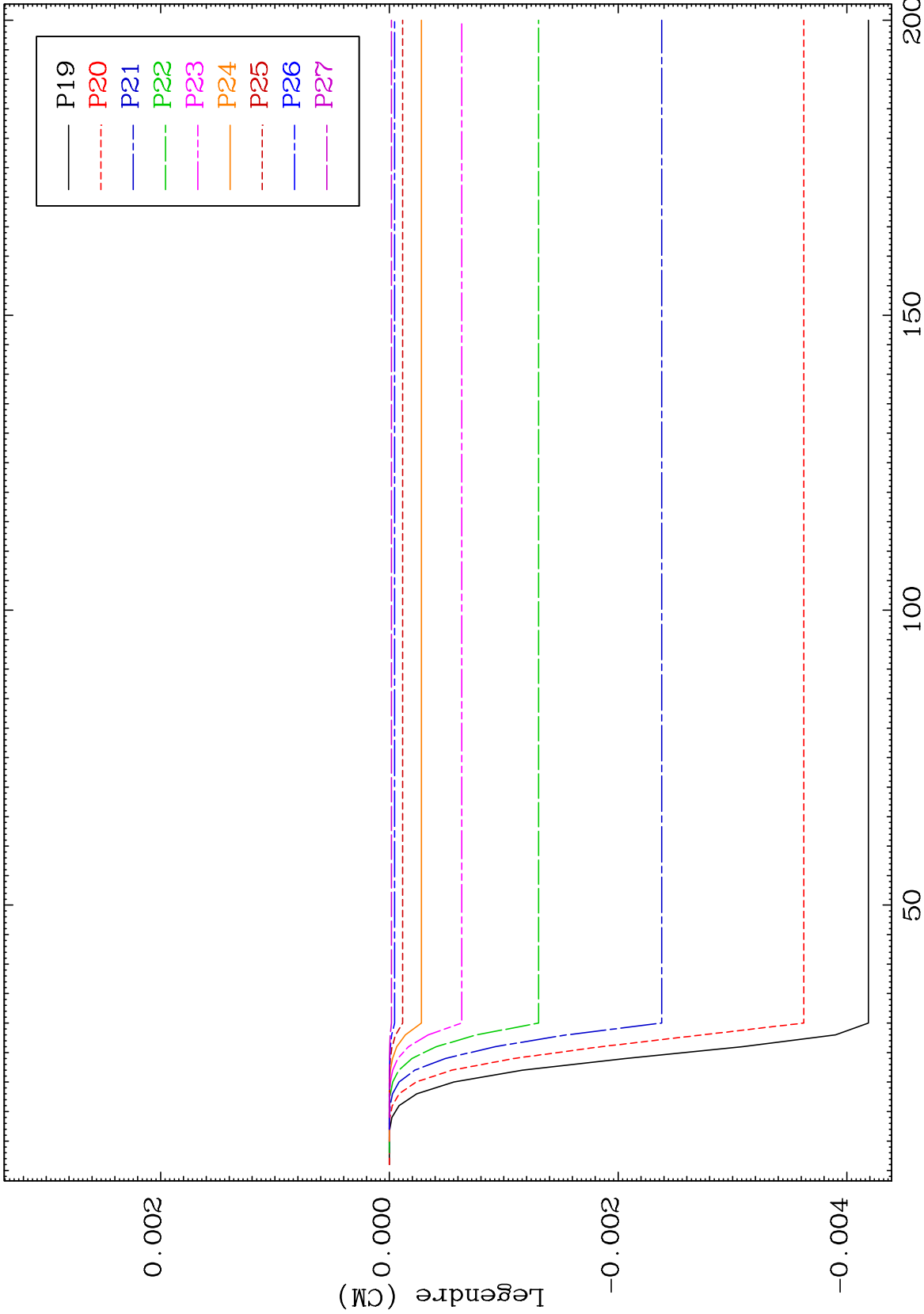
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



102

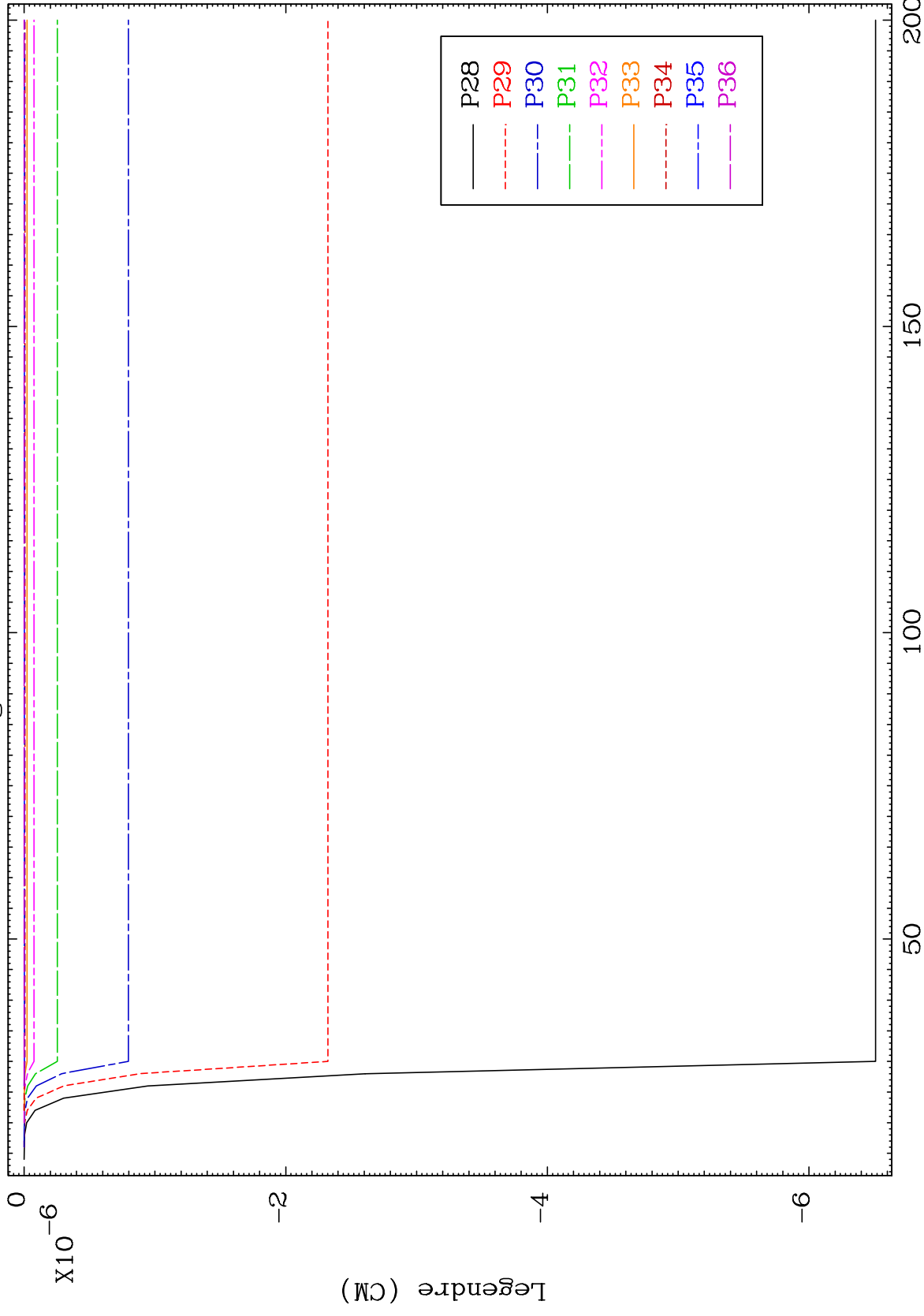
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

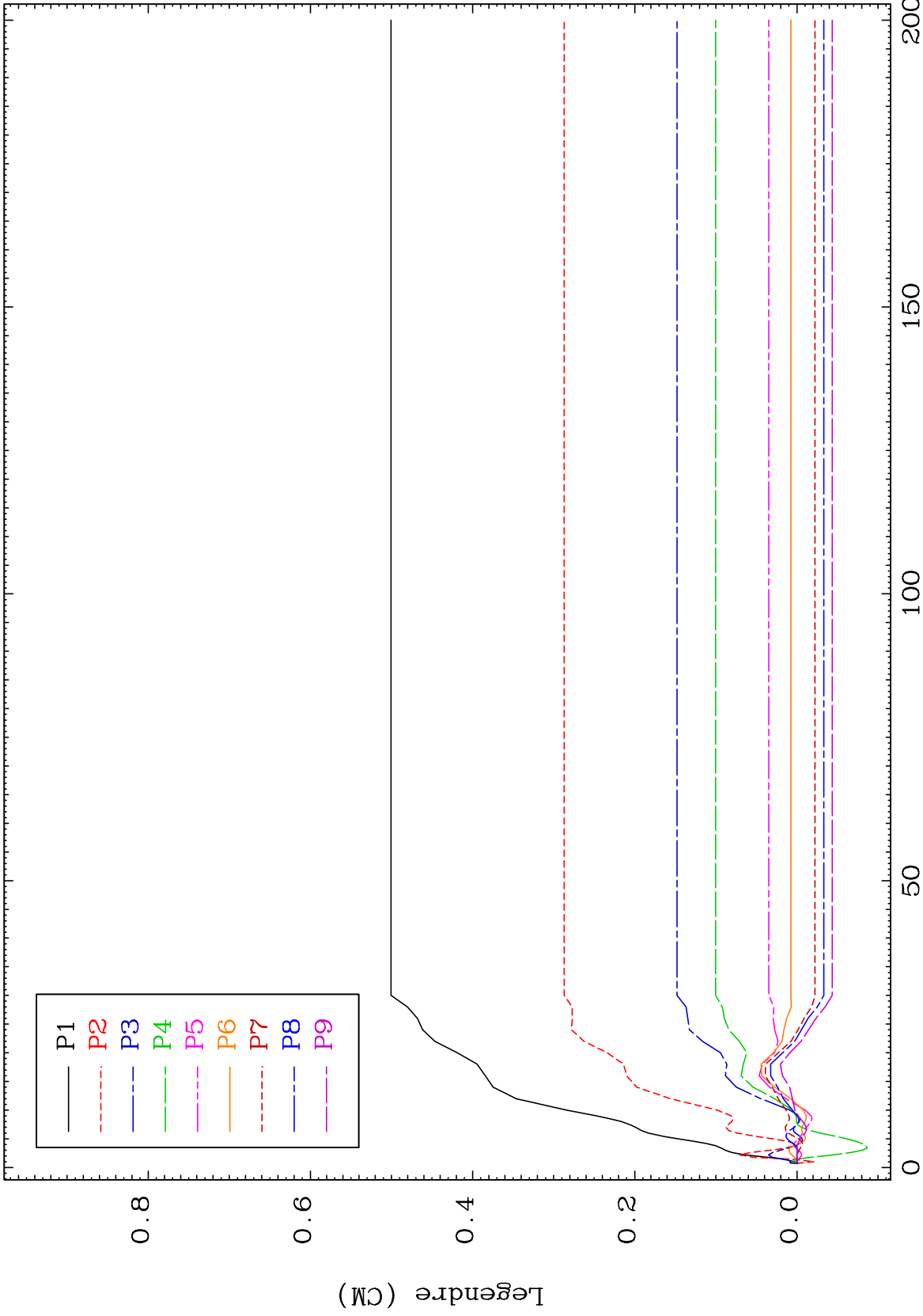
Incident Energy (MeV)

103

MAT 5858

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

58-Ce-147



104

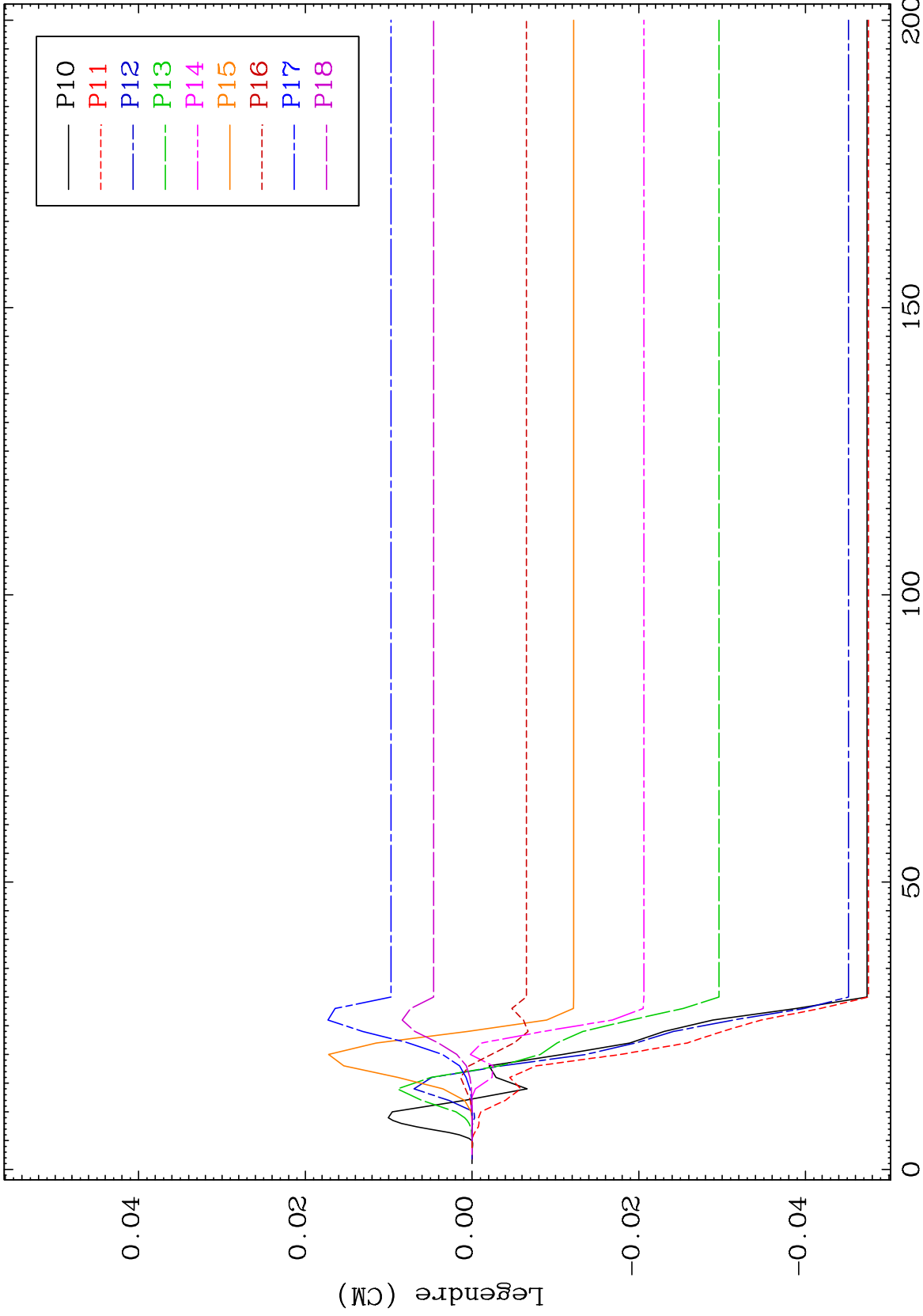
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



105

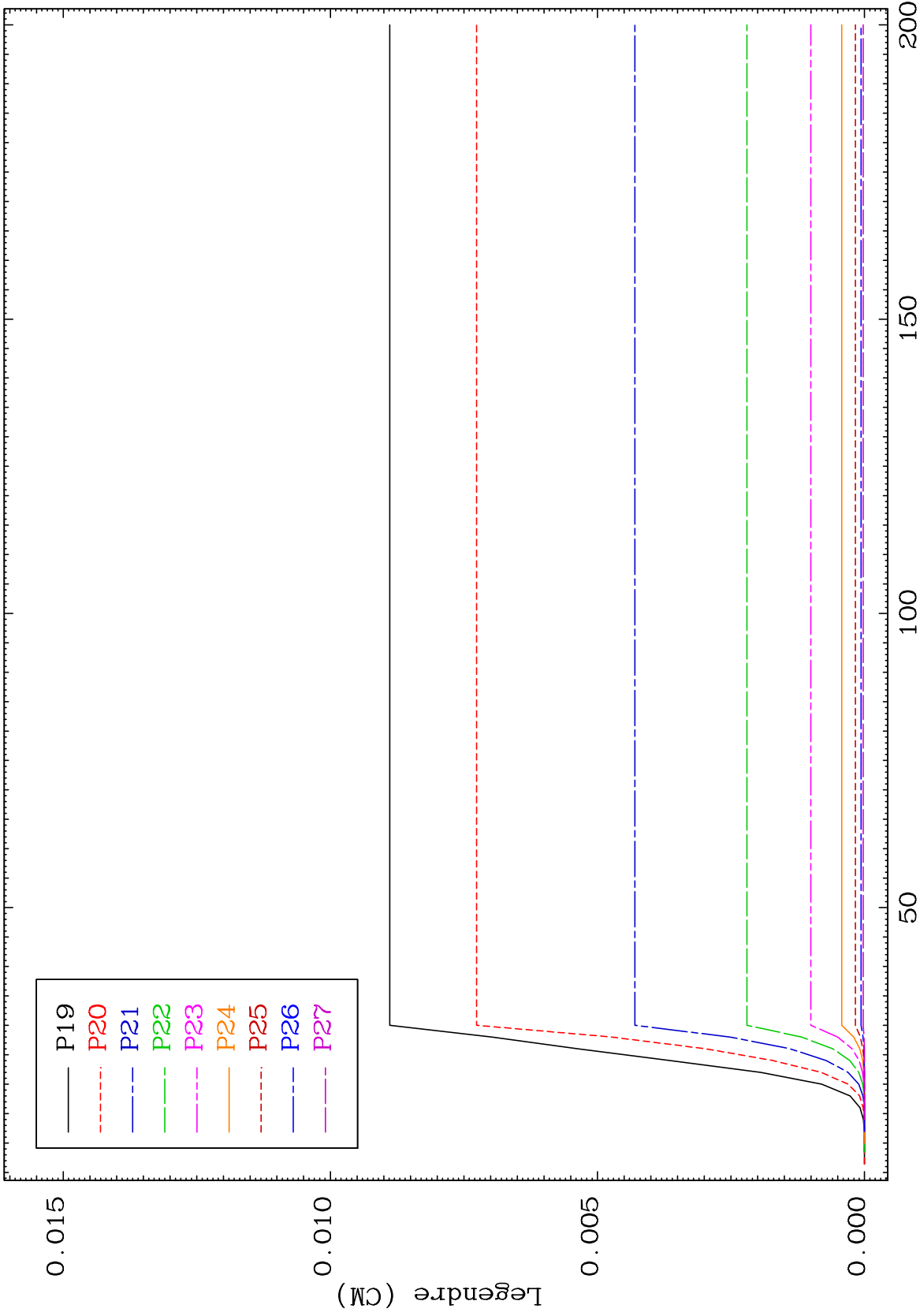
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



106

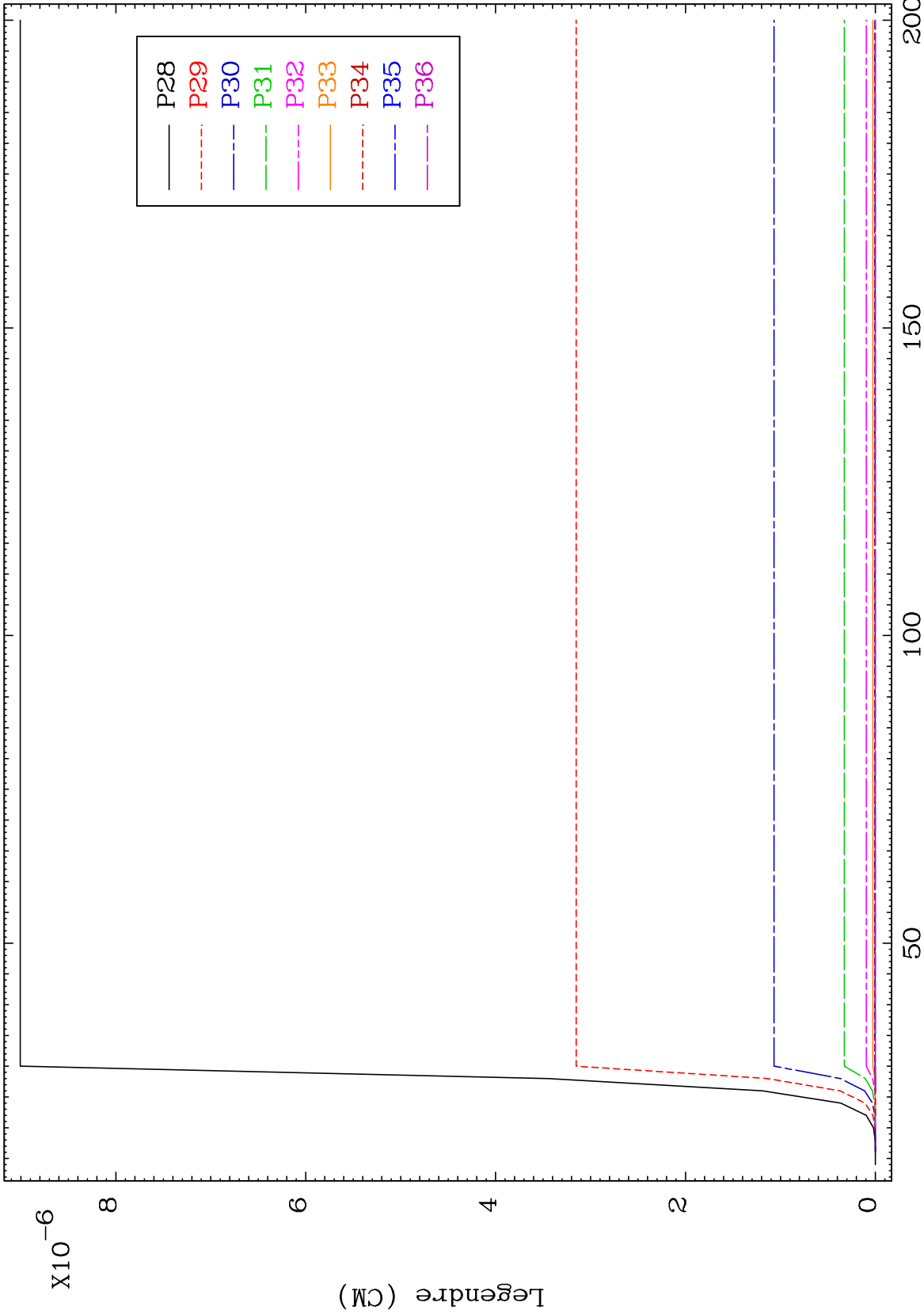
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



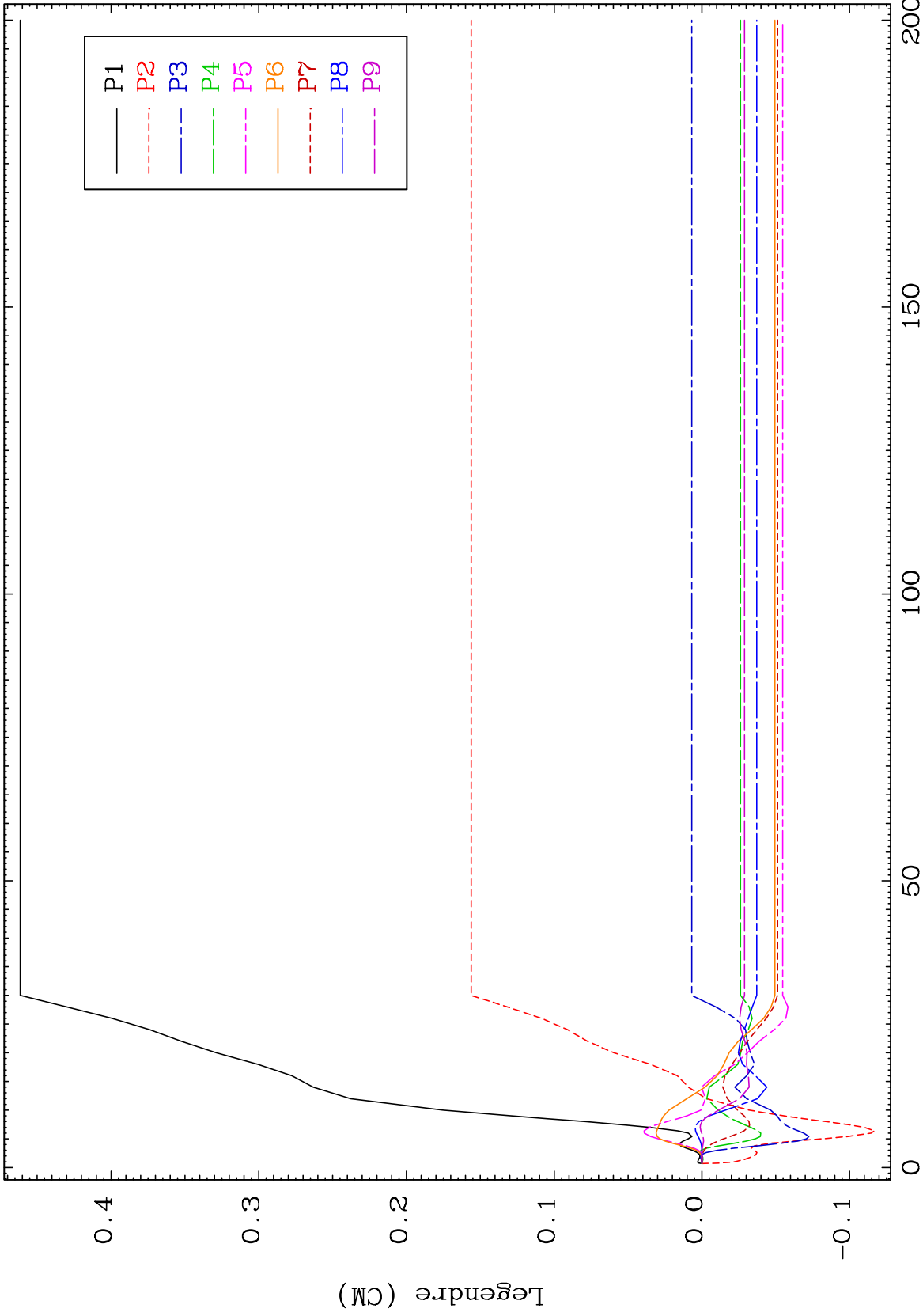
107

58-Ce-147

MAT 5858

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

58-Ce-147



108

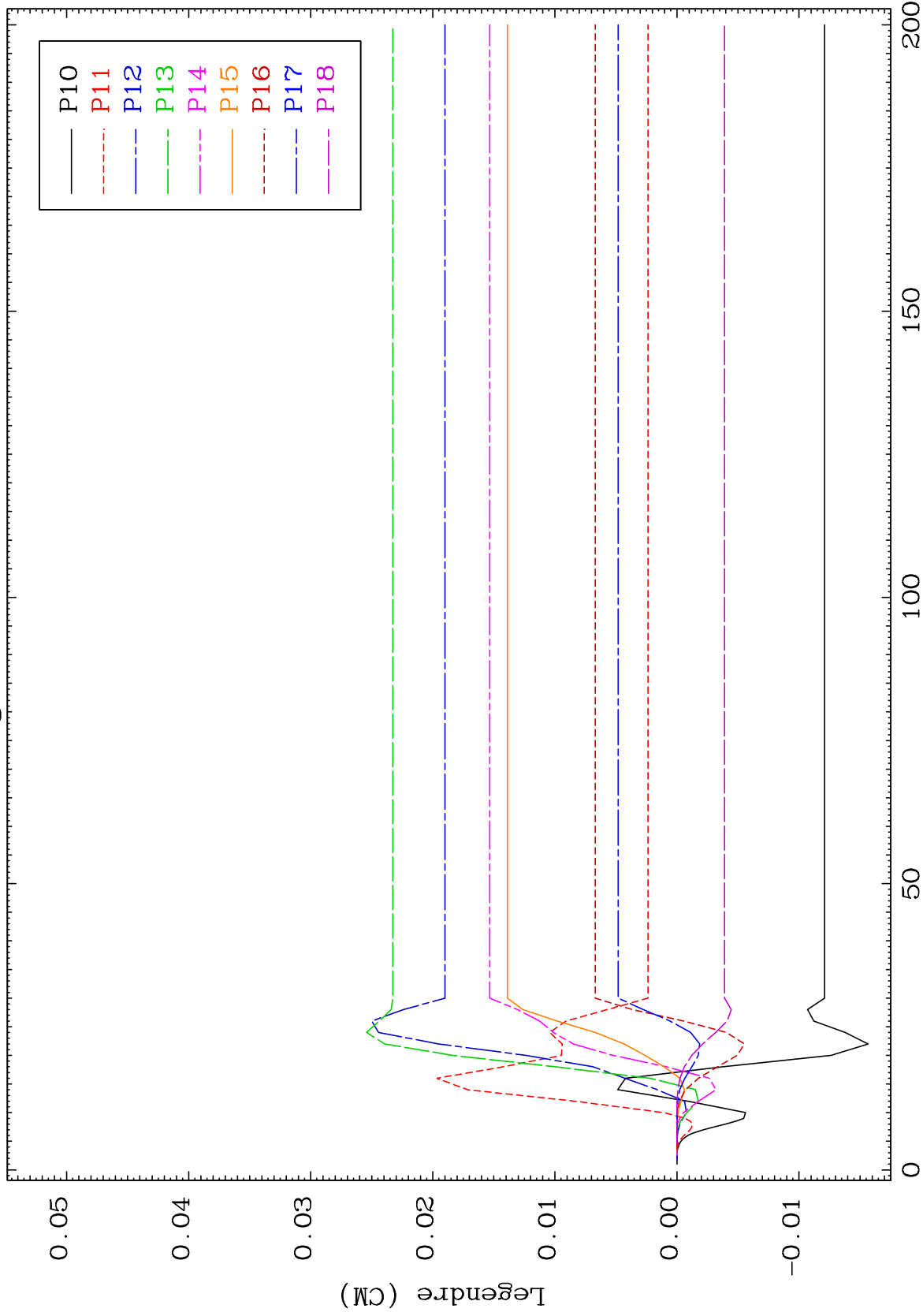
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



109

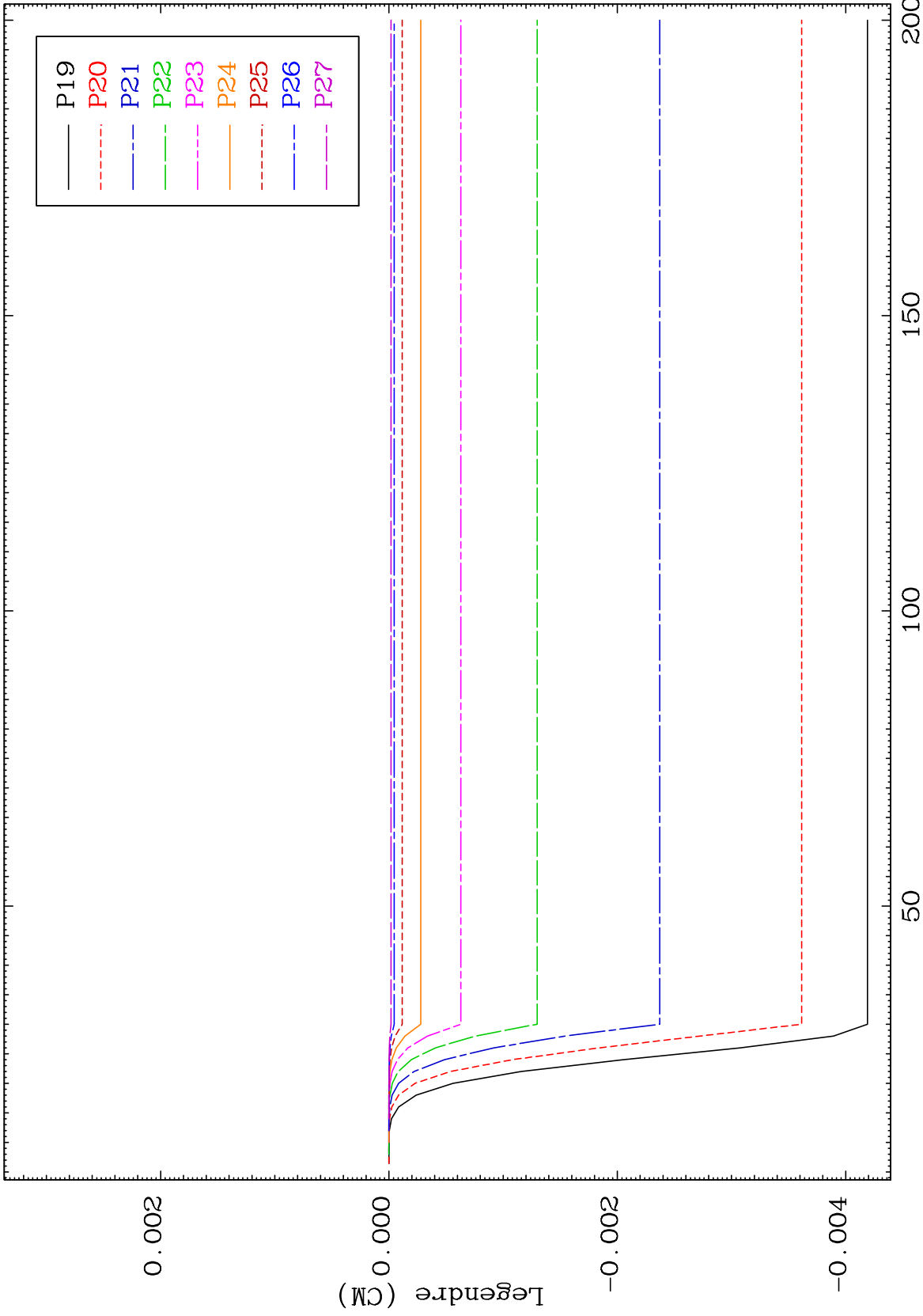
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



110

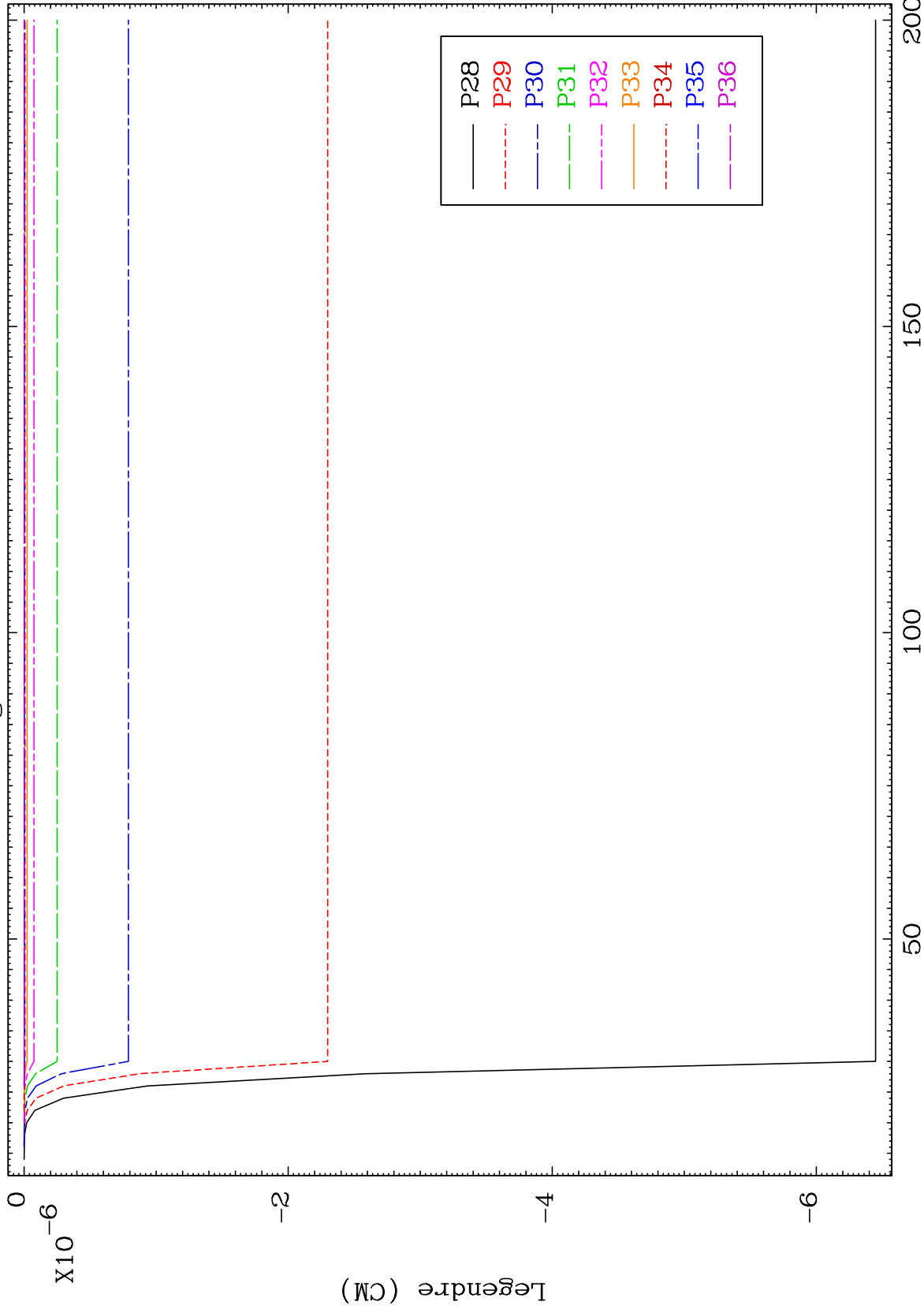
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

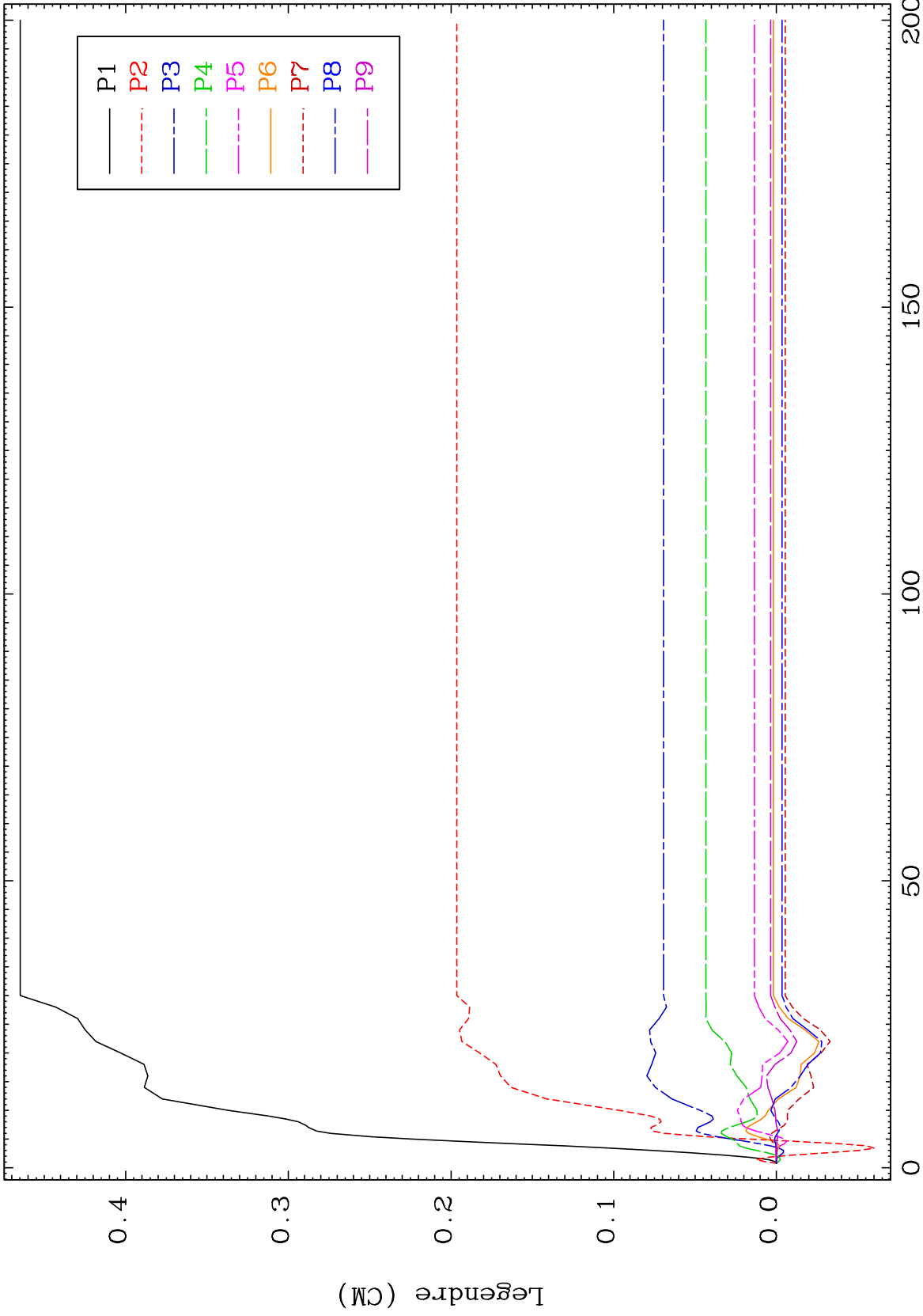
Incident Energy (MeV)

111

MAT 5858

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

58-Ce-147



112

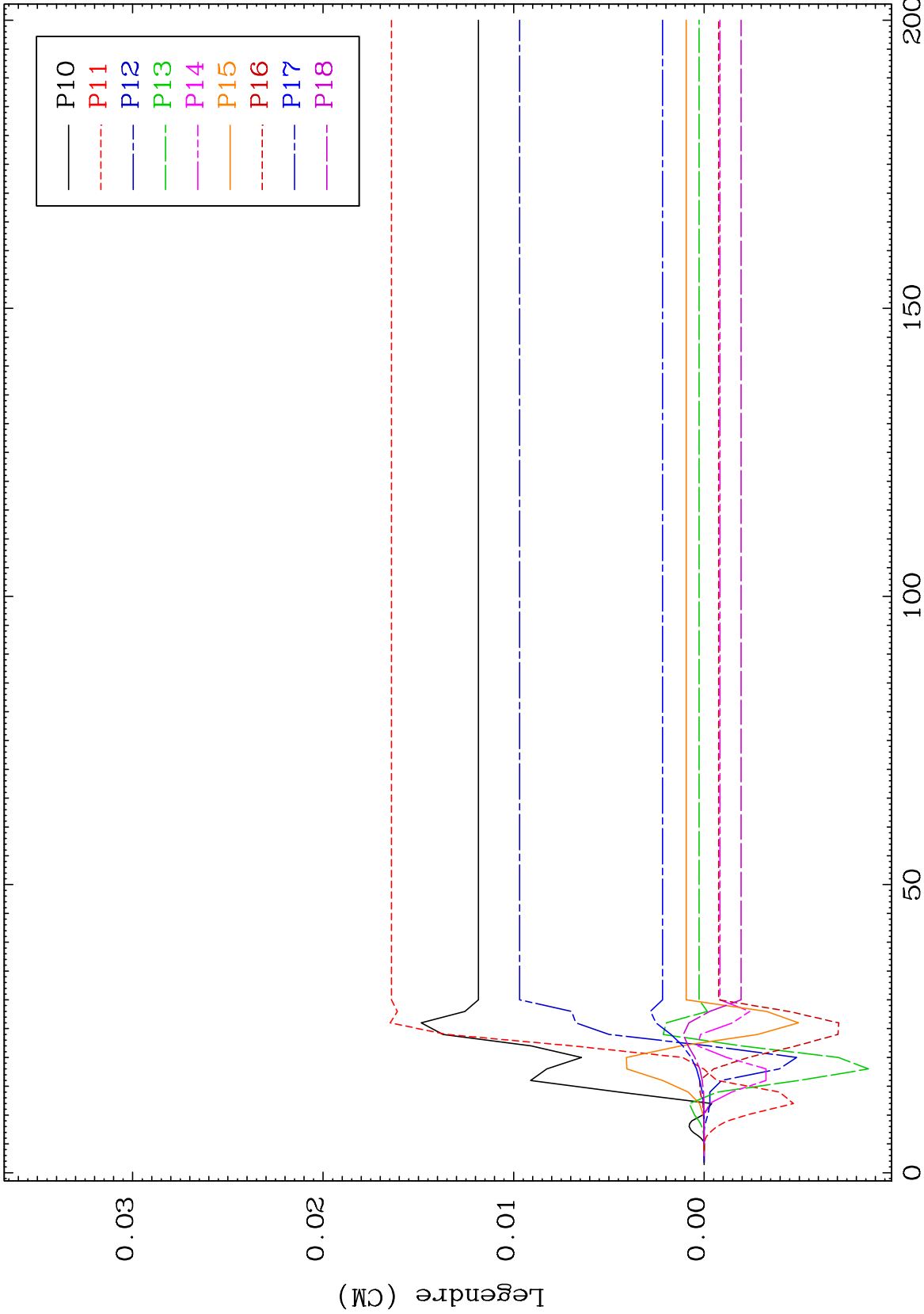
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



113

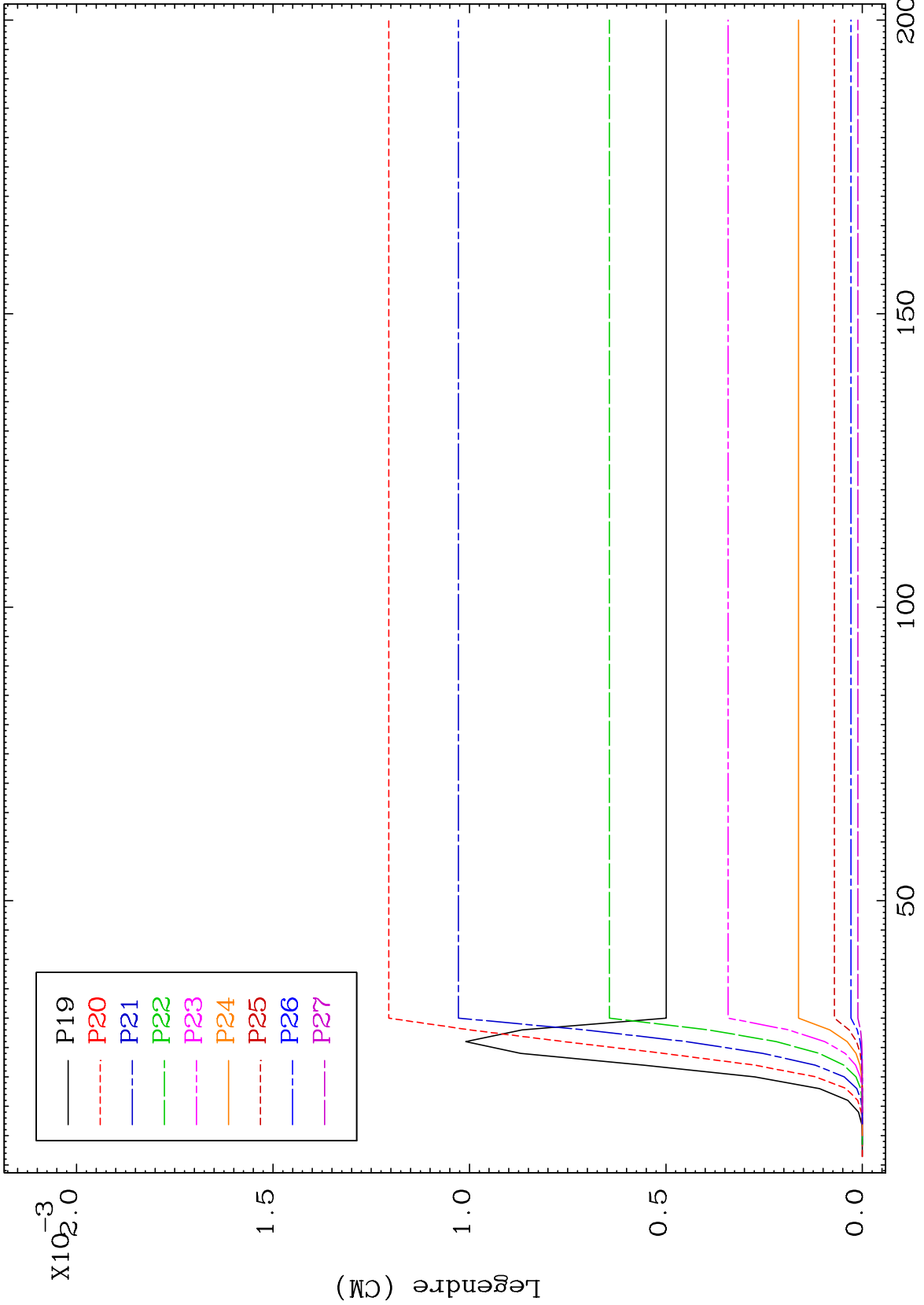
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



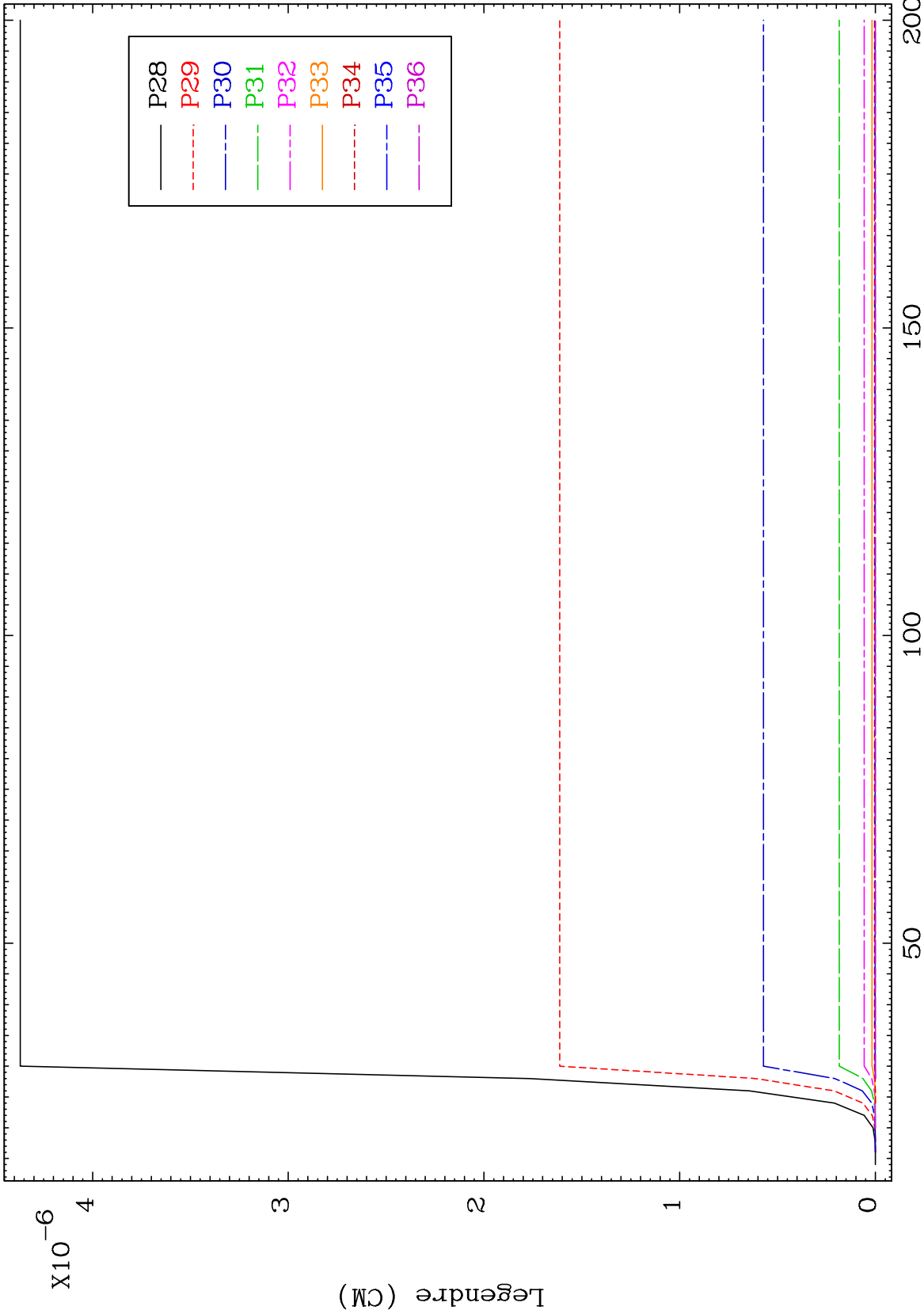
114

58-Ce-147

MAT 5858

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

58-Ce-147



115

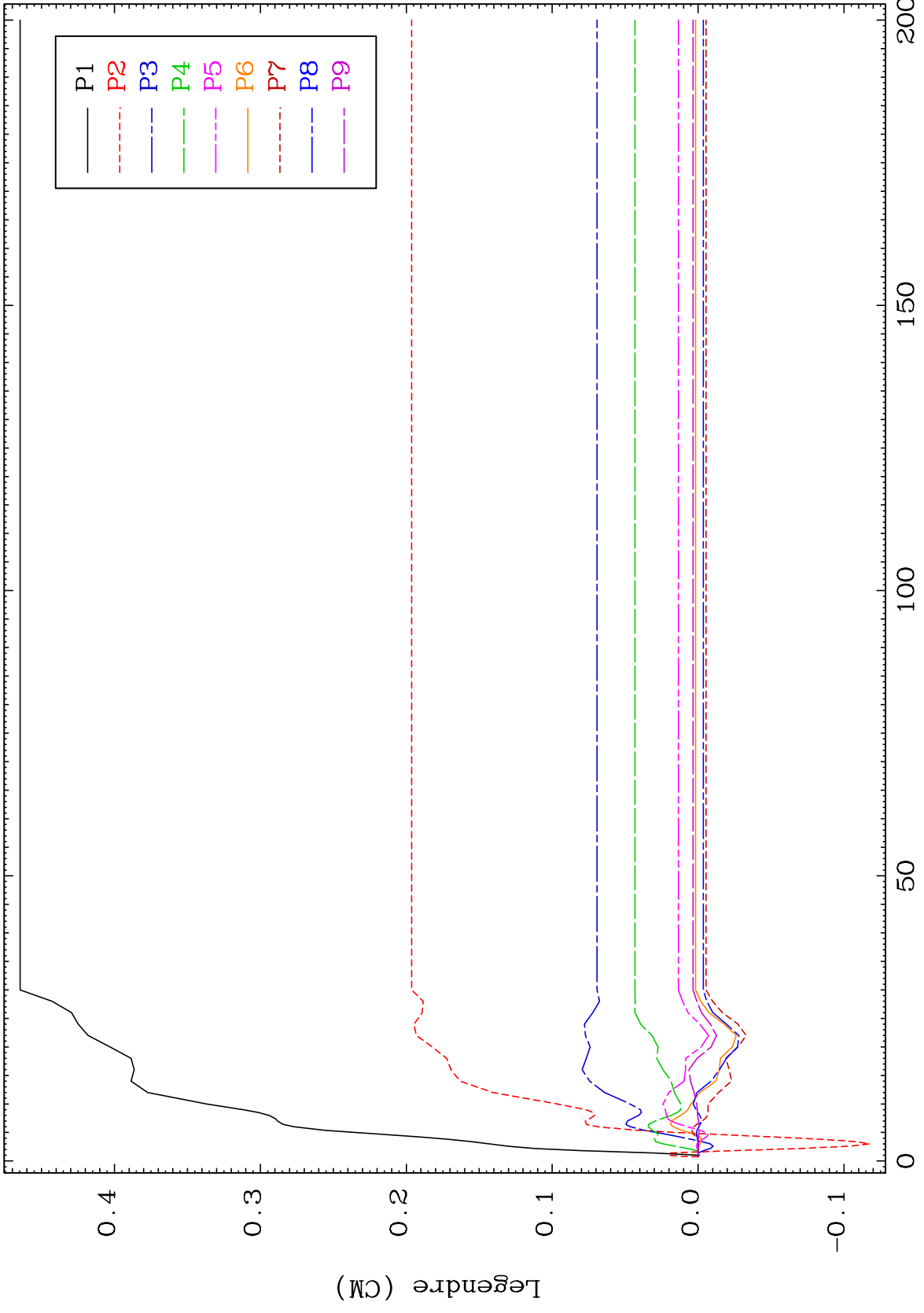
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



116

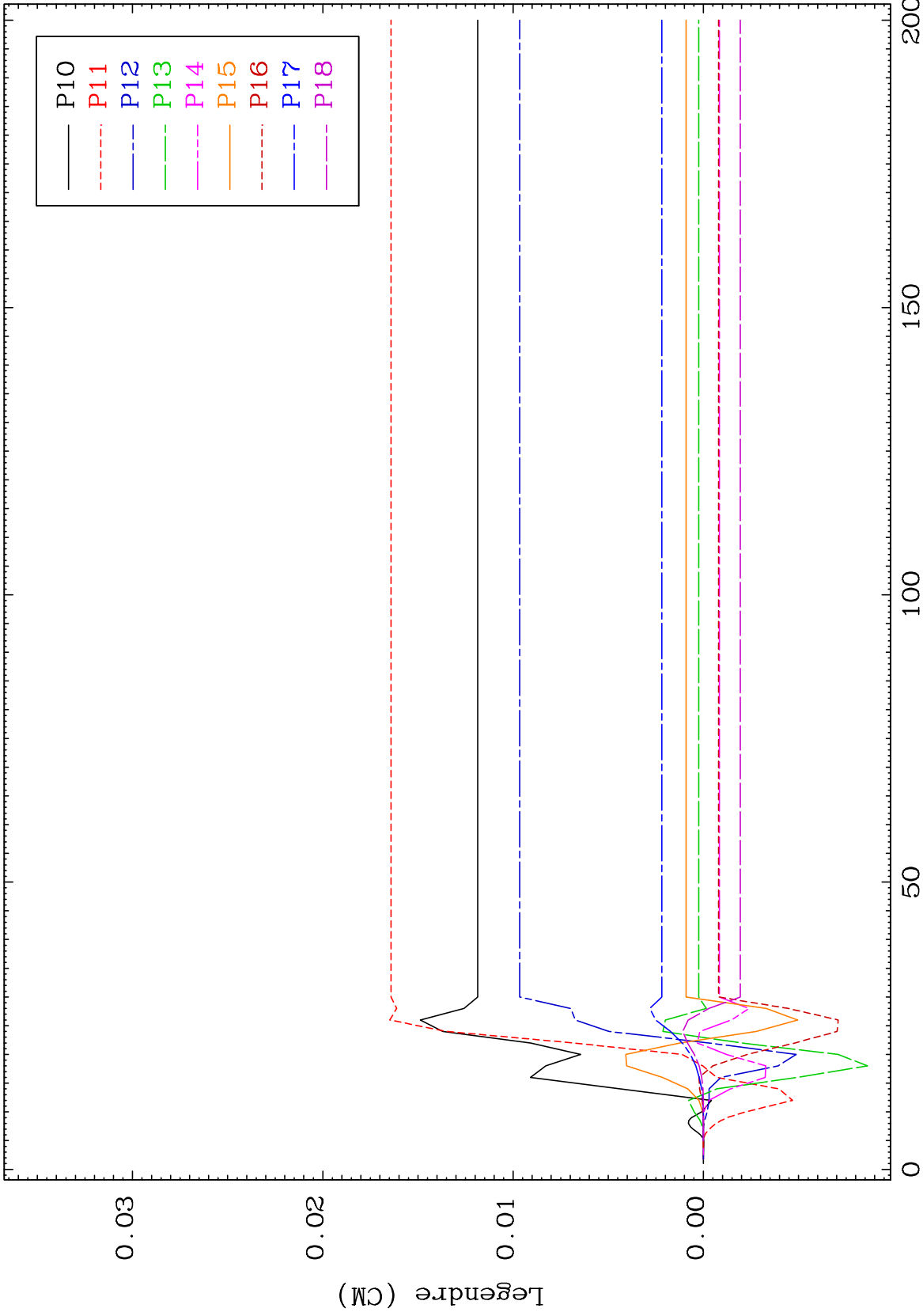
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



117

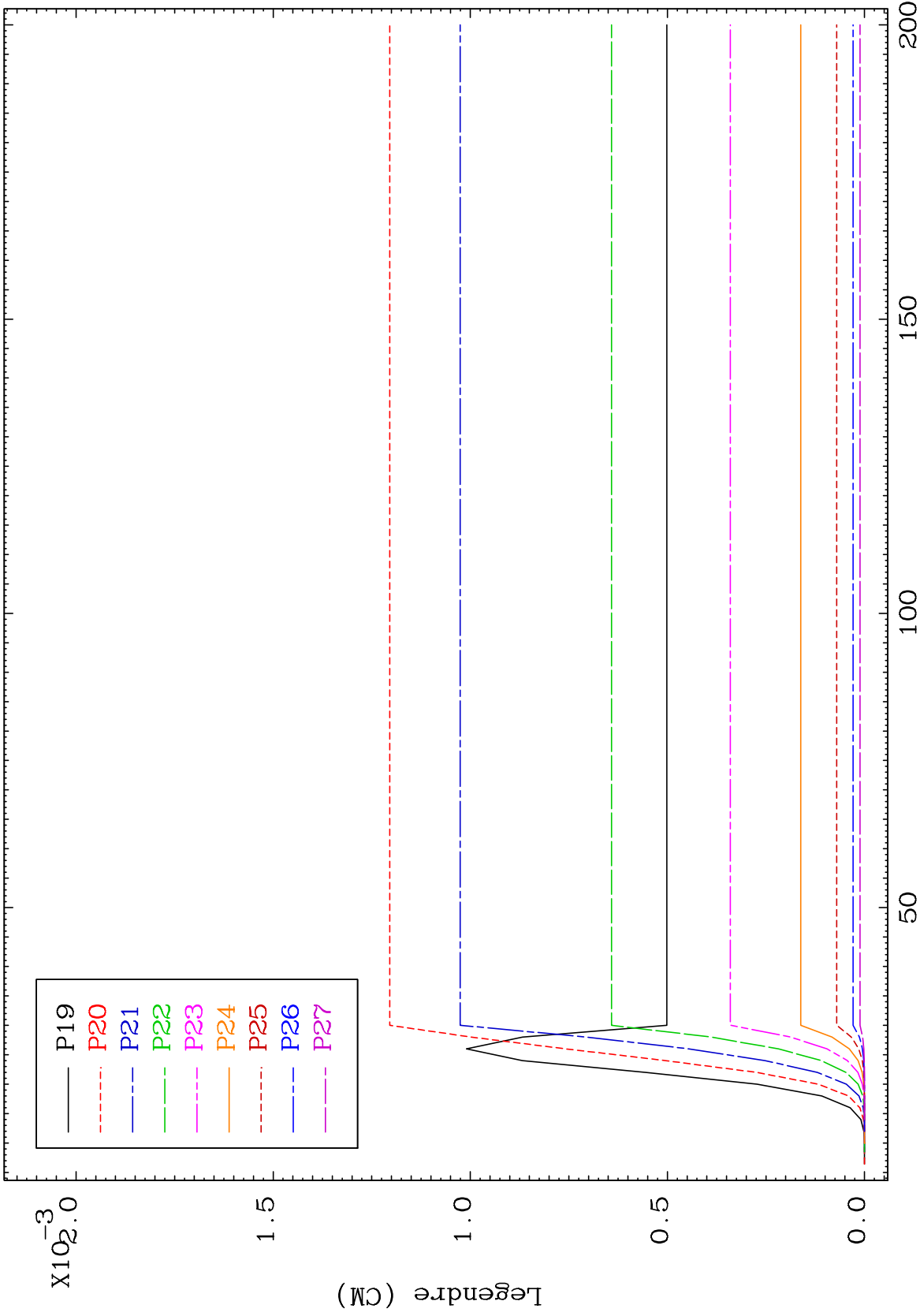
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

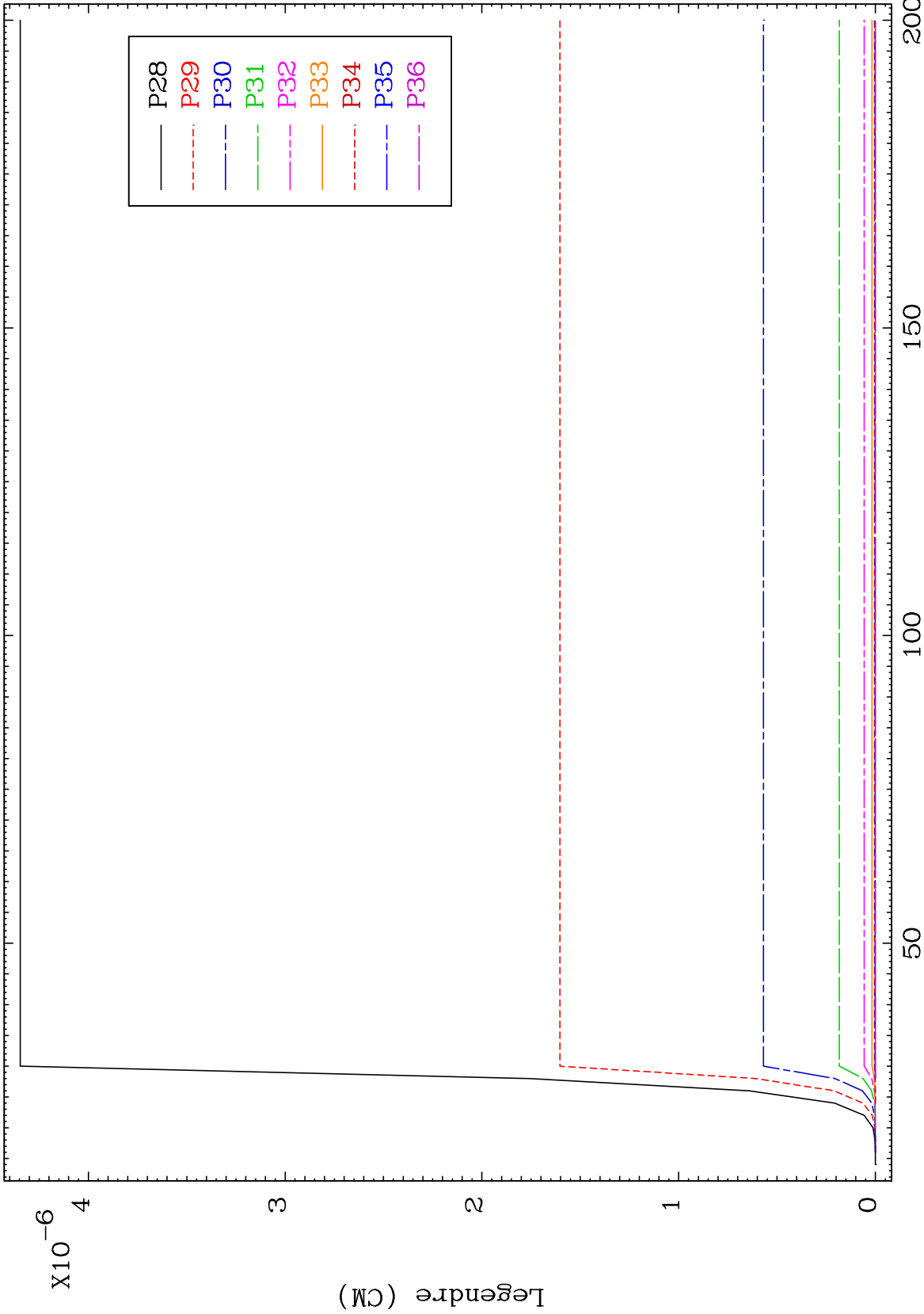
58-Ce-147



MAT 5858

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

58-Ce-147



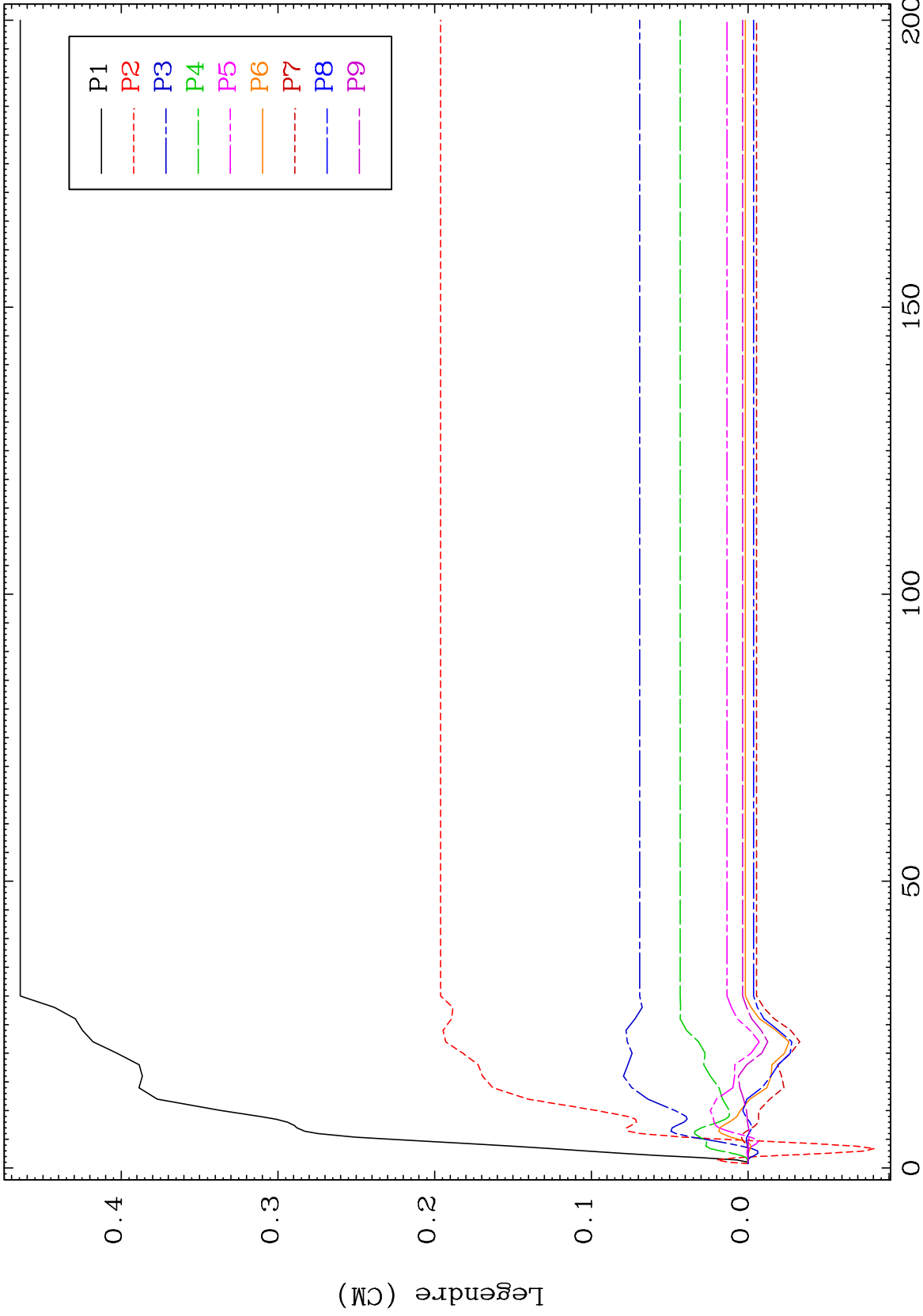
119

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

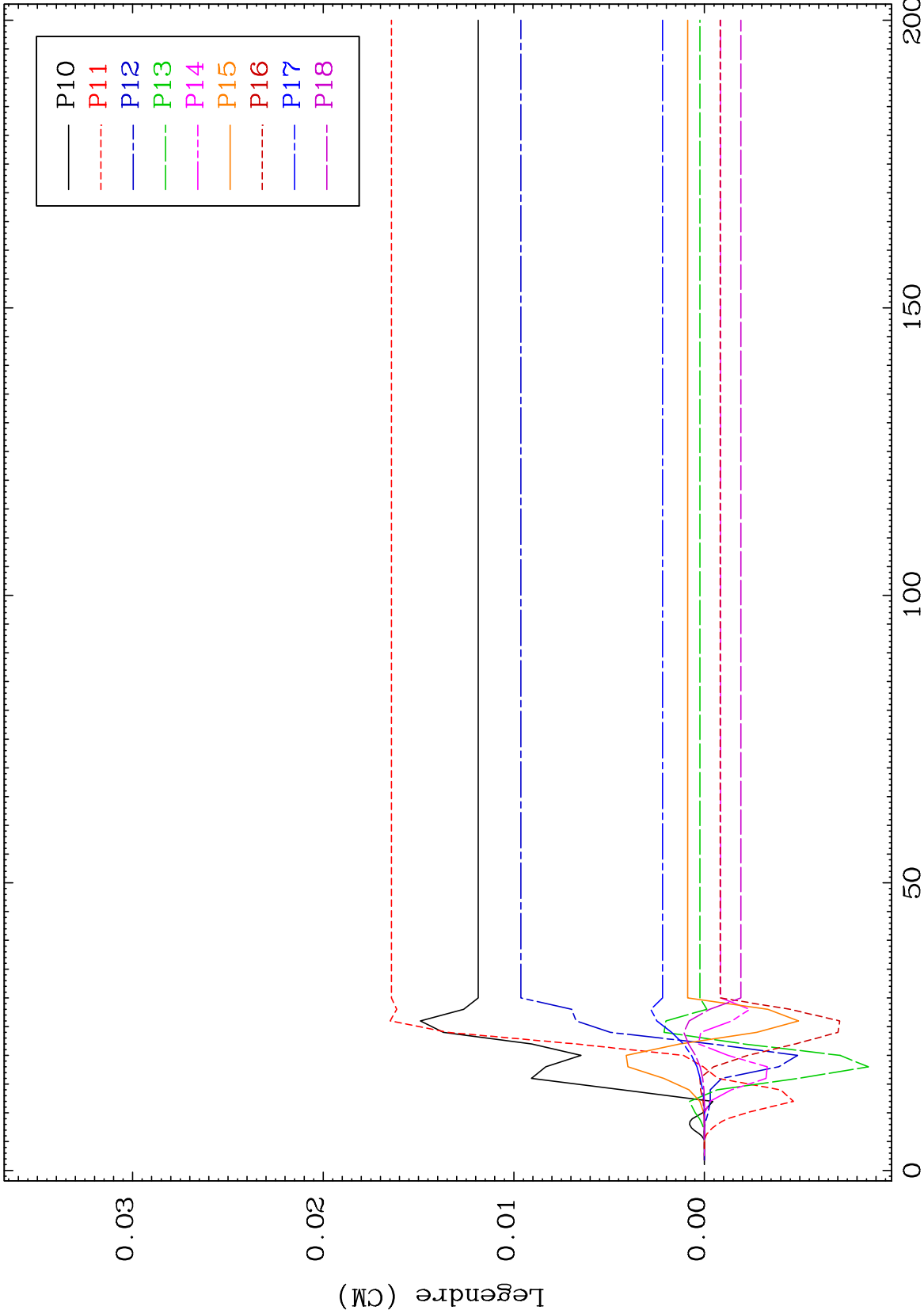
Incident Energy (MeV)

120

MAT 5858

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

58-Ce-147



58-Ce-147

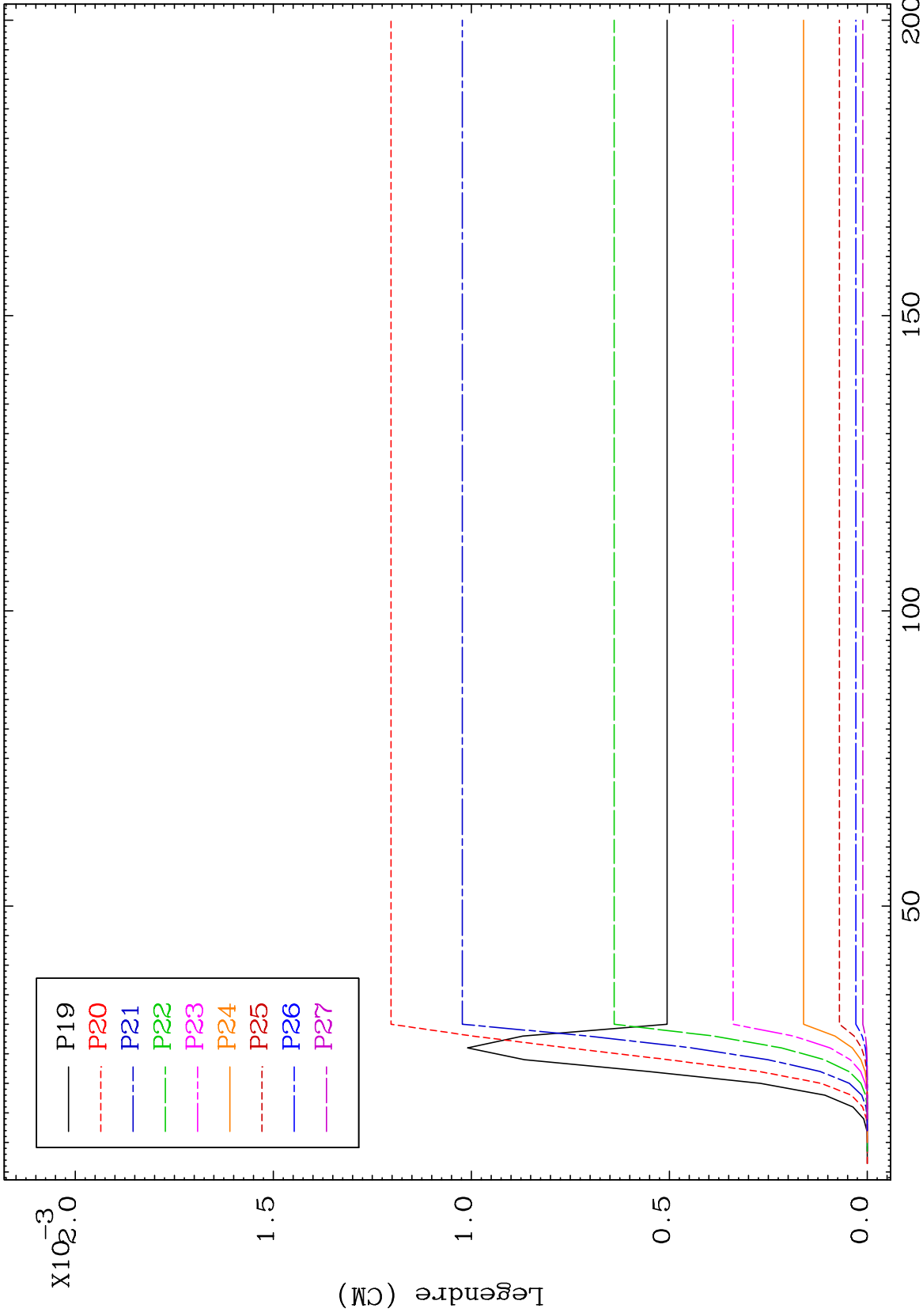
Incident Energy (MeV)

121

MAT 5858

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

58-Ce-147



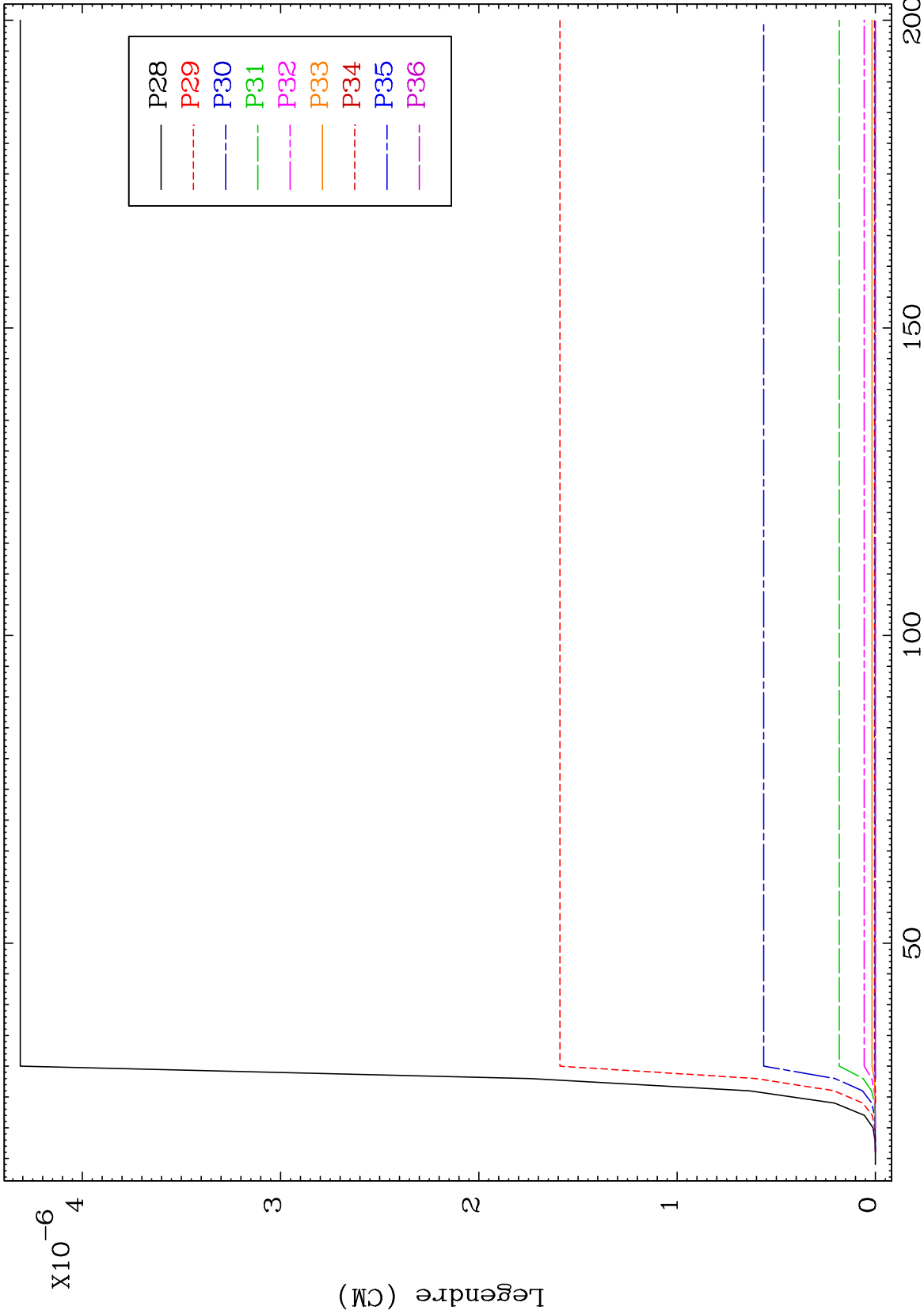
122

58-Ce-147

MAT 5858

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

58-Ce-147



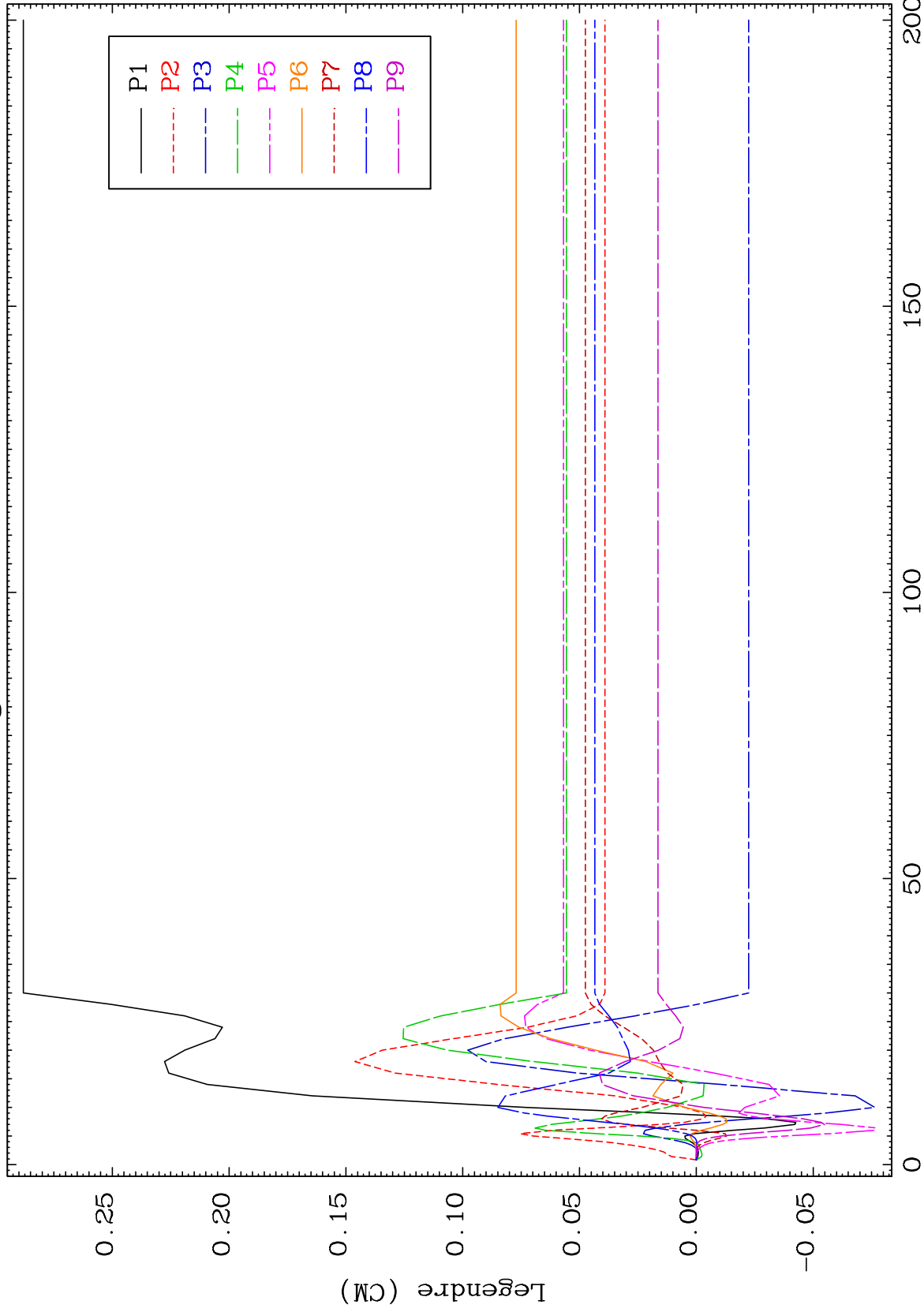
123

58-Ce-147

MAT 5858

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

58-Ce-147



124

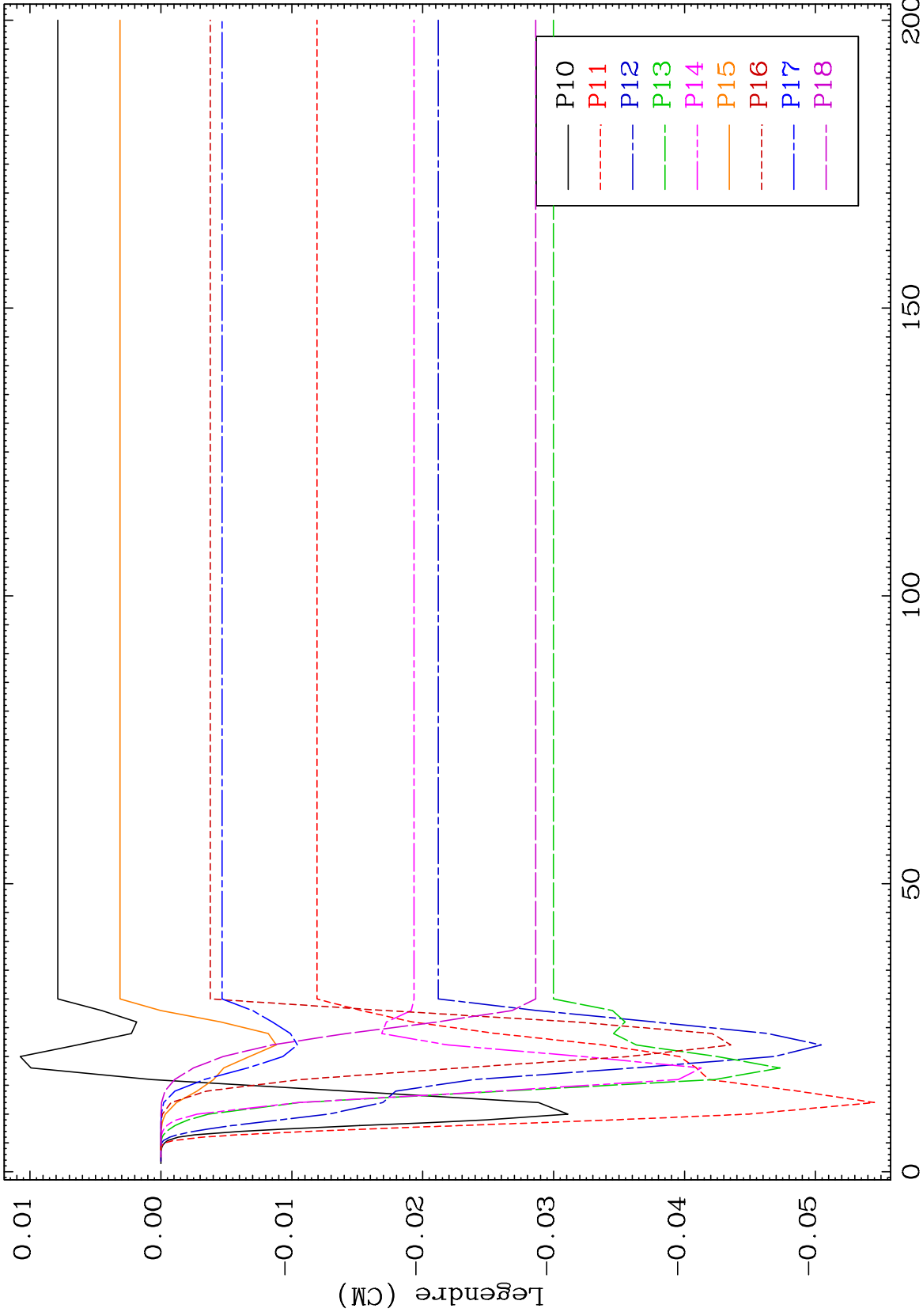
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

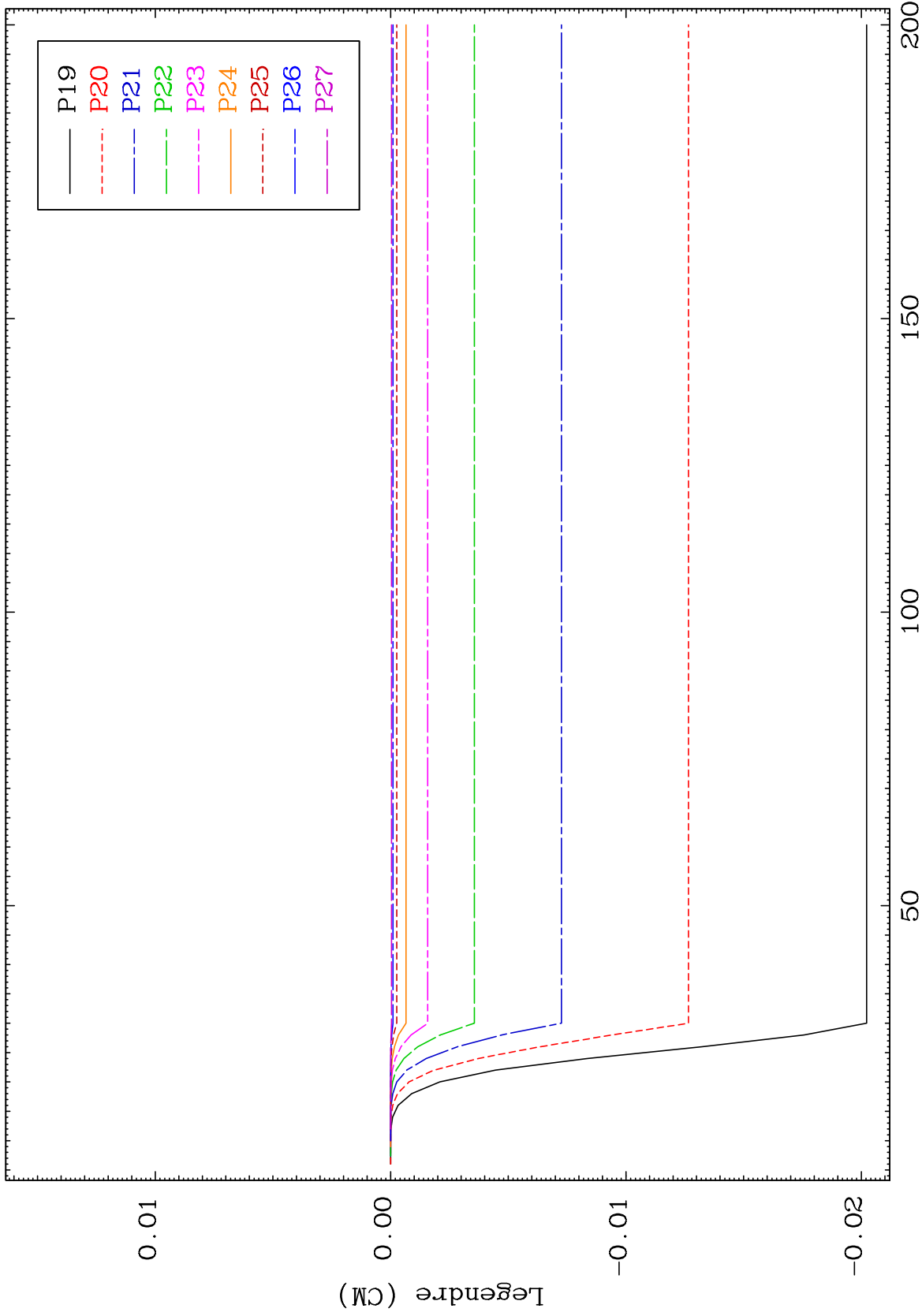
Incident Energy (MeV)

125

MAT 5858

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

58-Ce-147



126

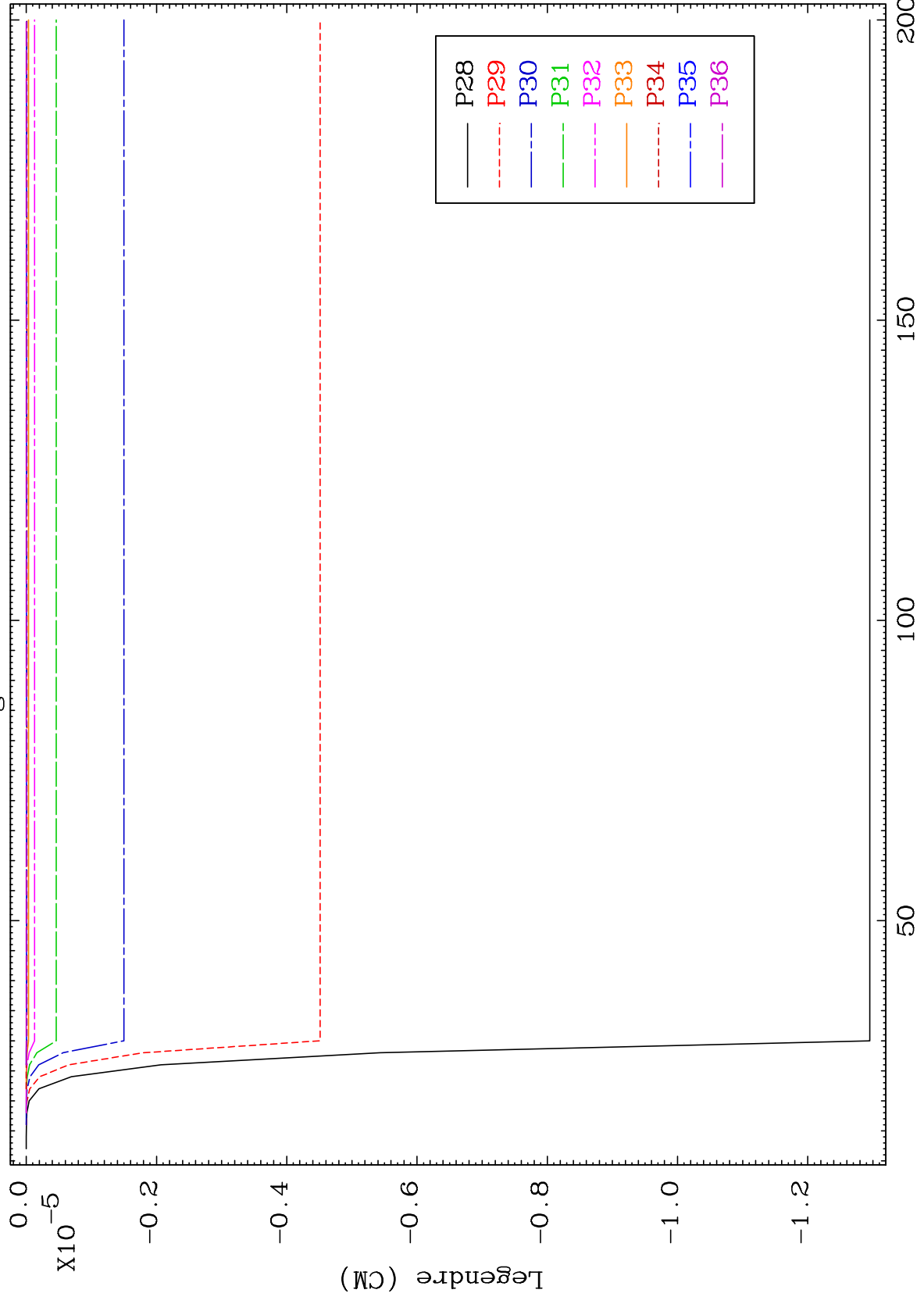
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



58-Ce-147

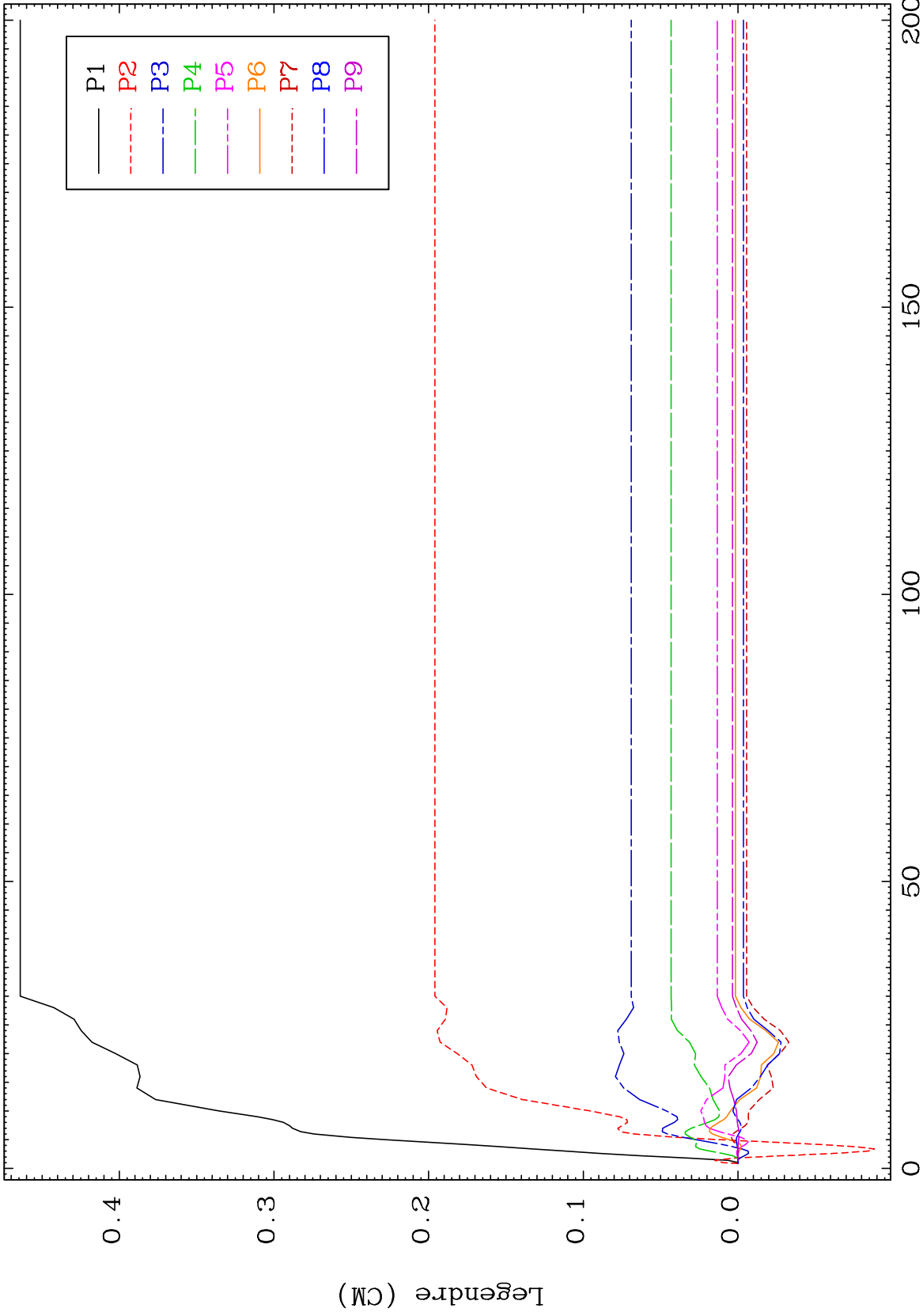
Incident Energy (MeV)

127

MAT 5858

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

58-Ce-147



128

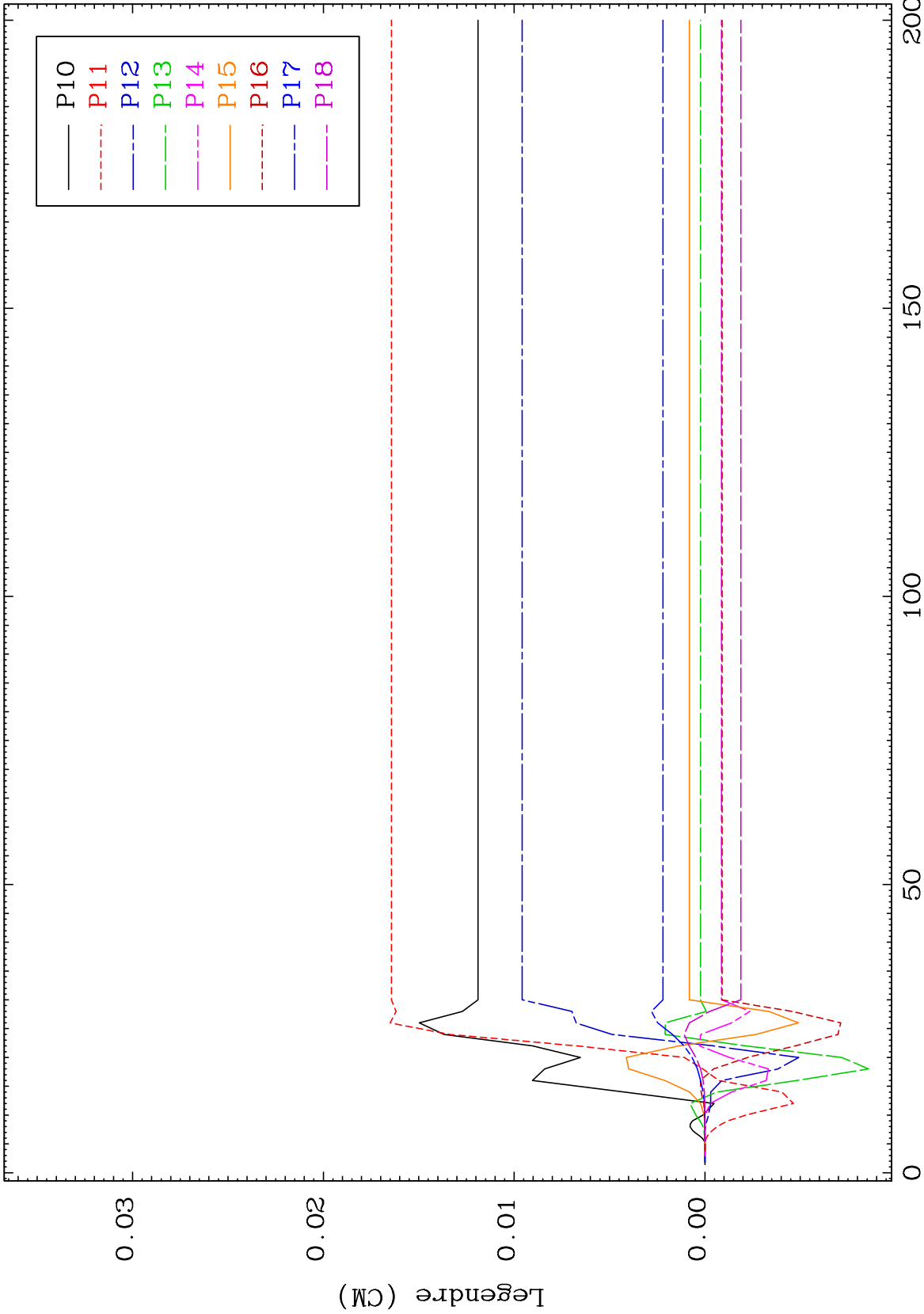
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



129

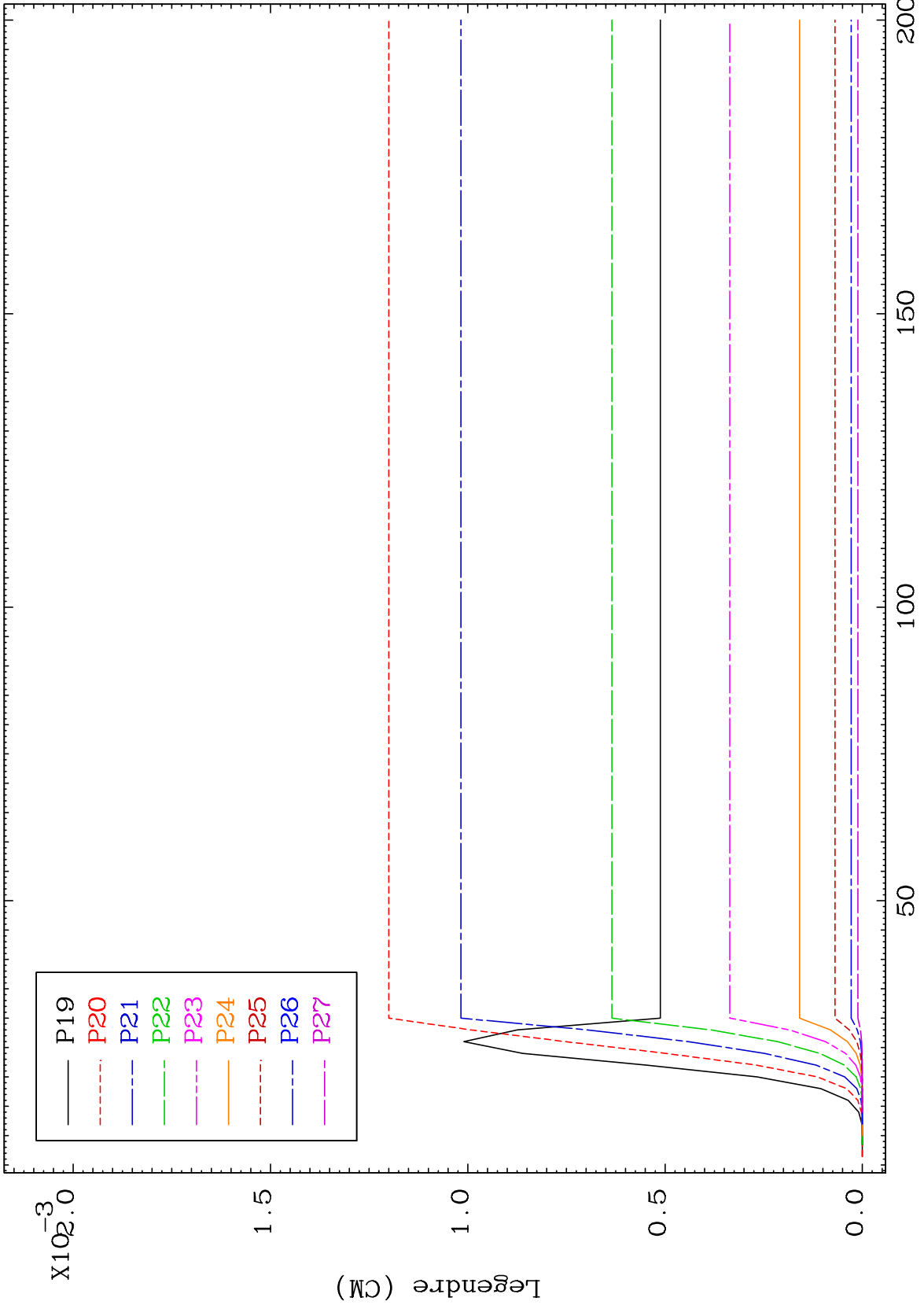
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



130

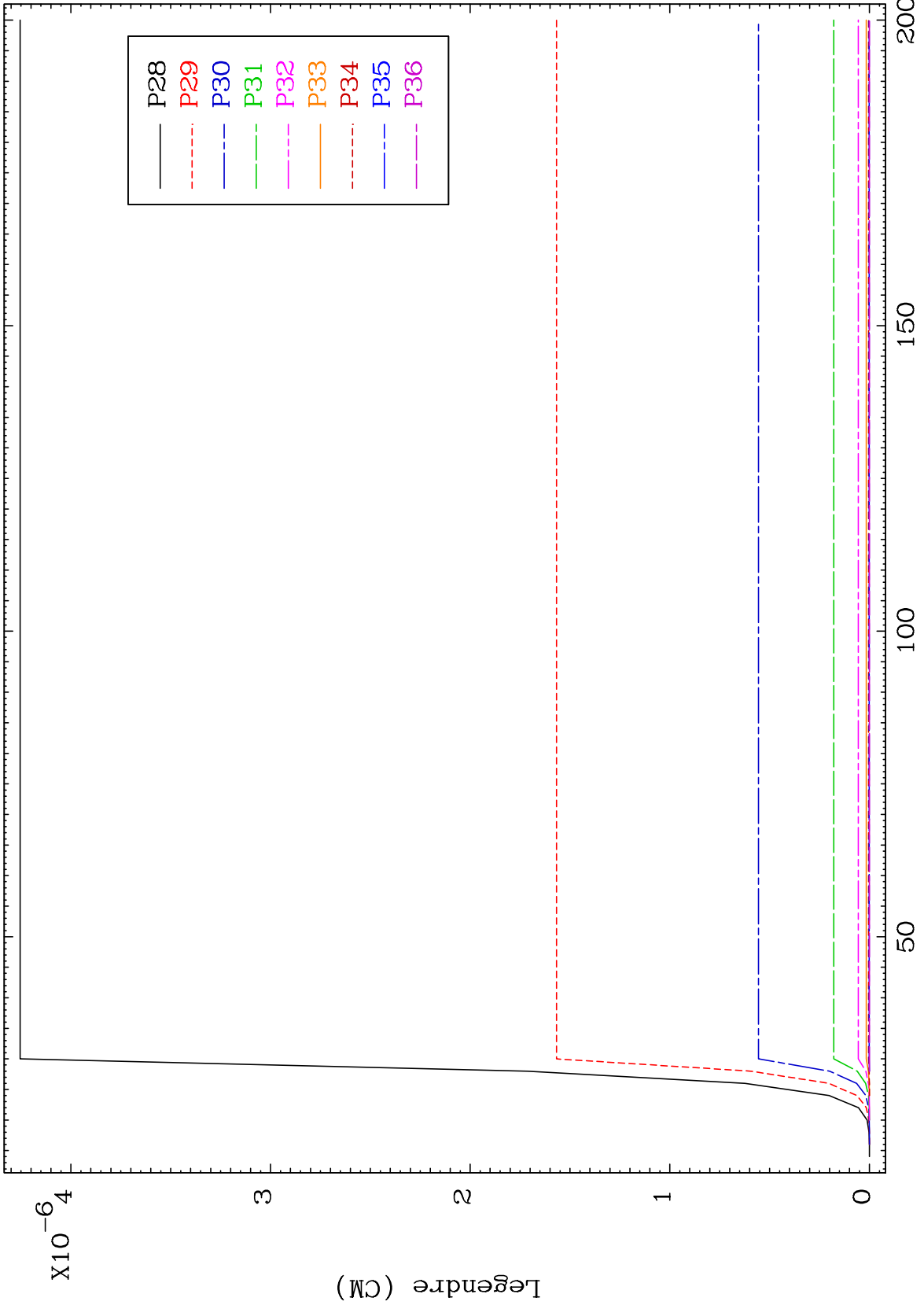
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



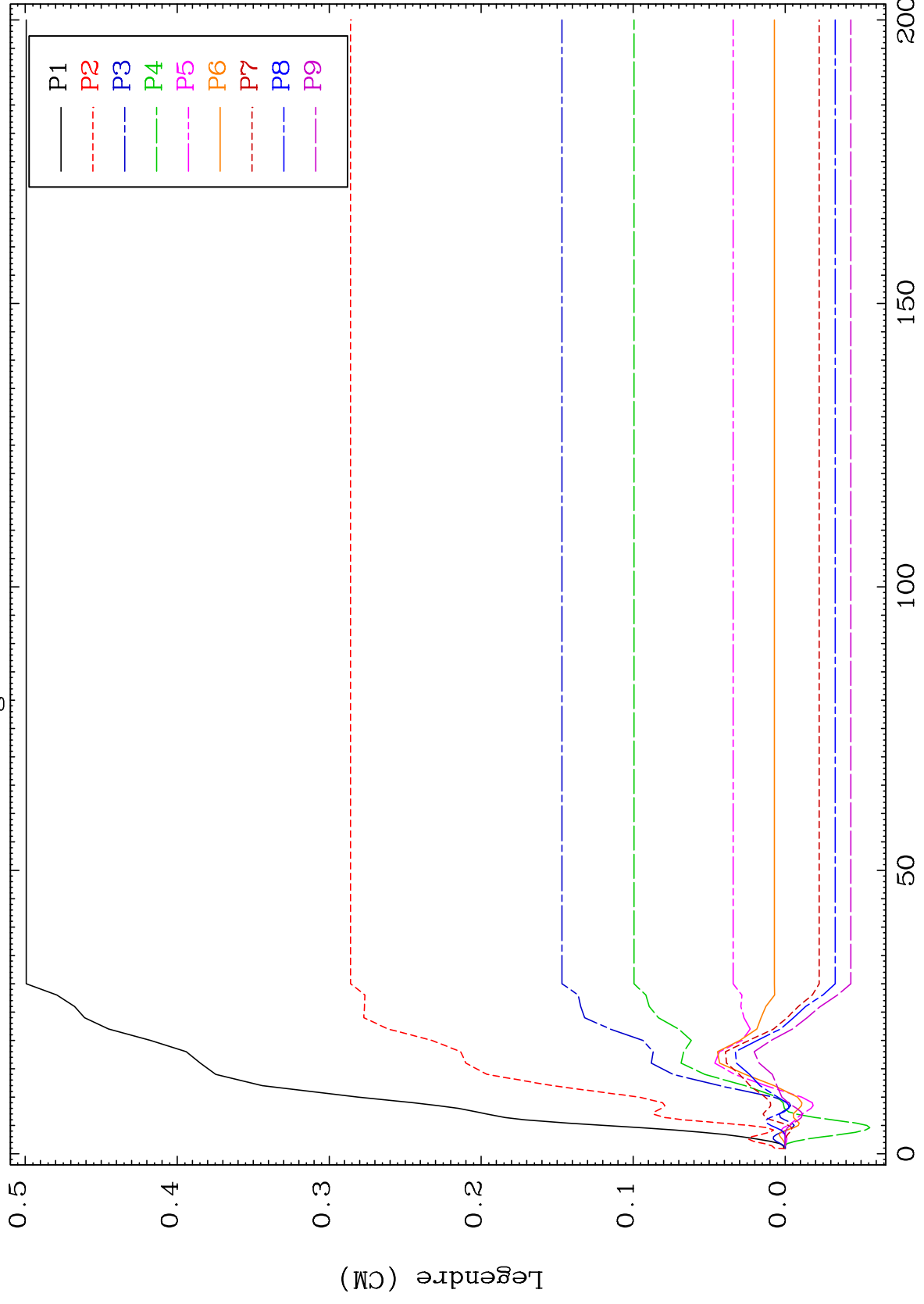
131

58-Ce-147

MAT 5858

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

58-Ce-147



132

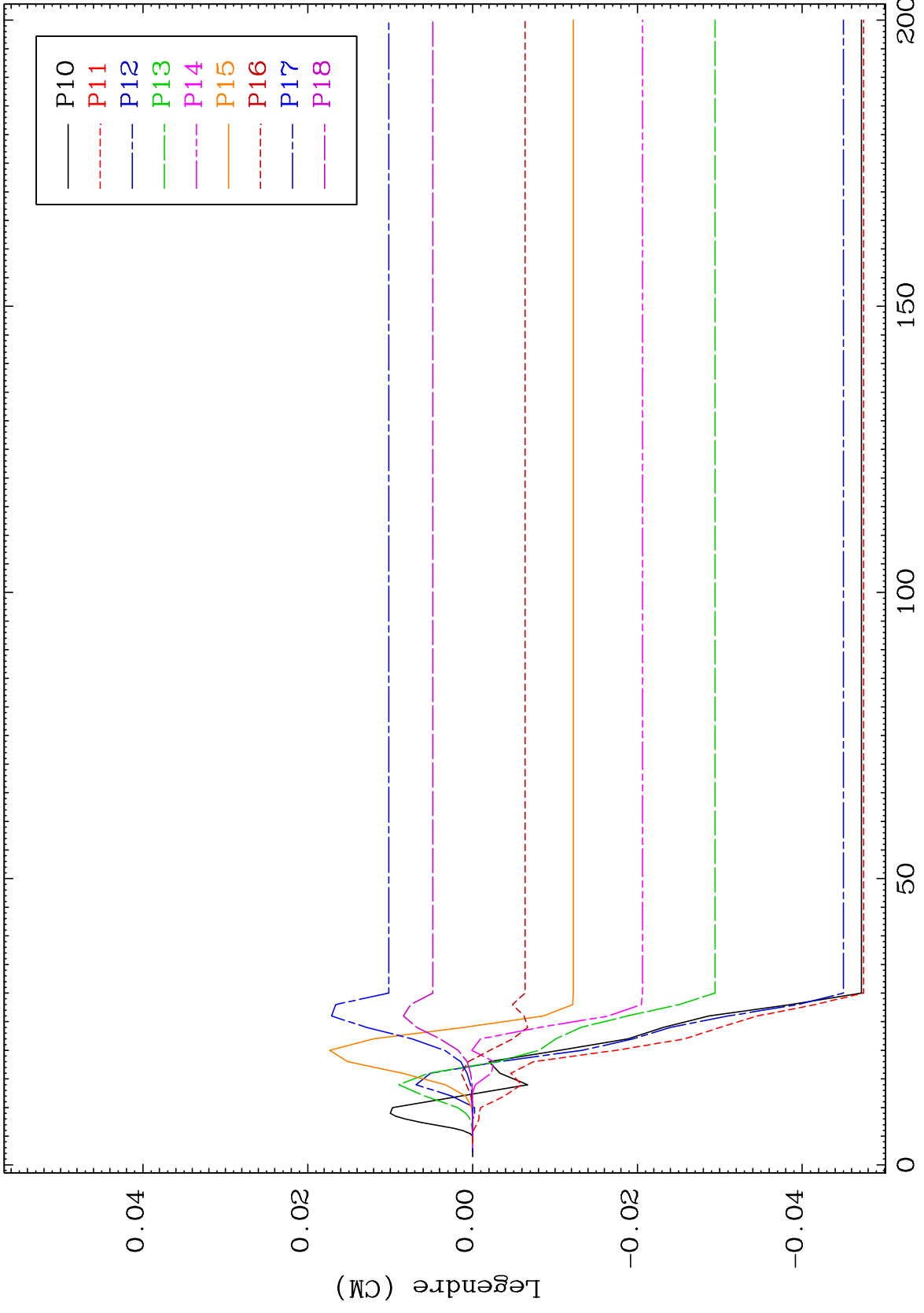
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



133

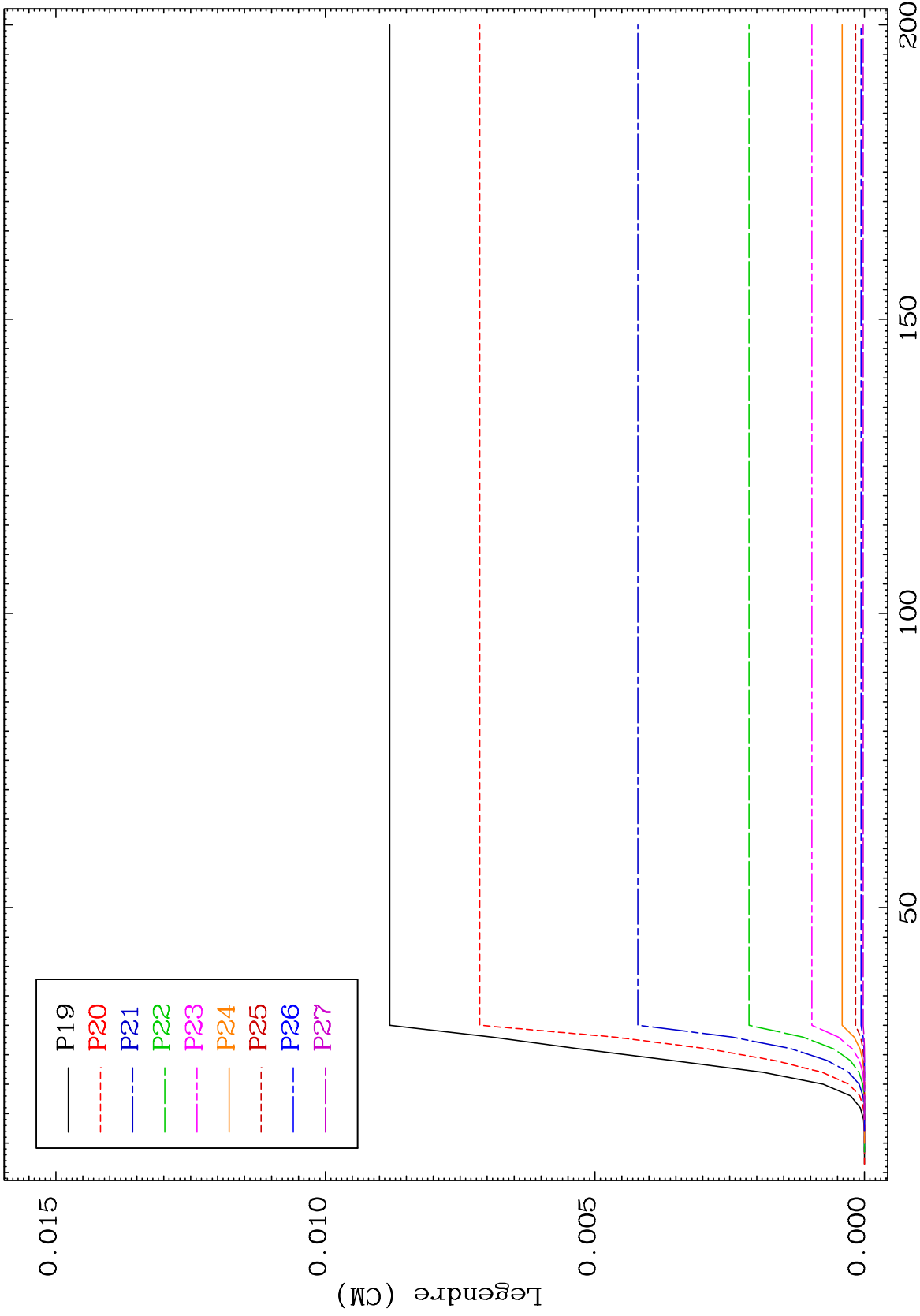
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



134

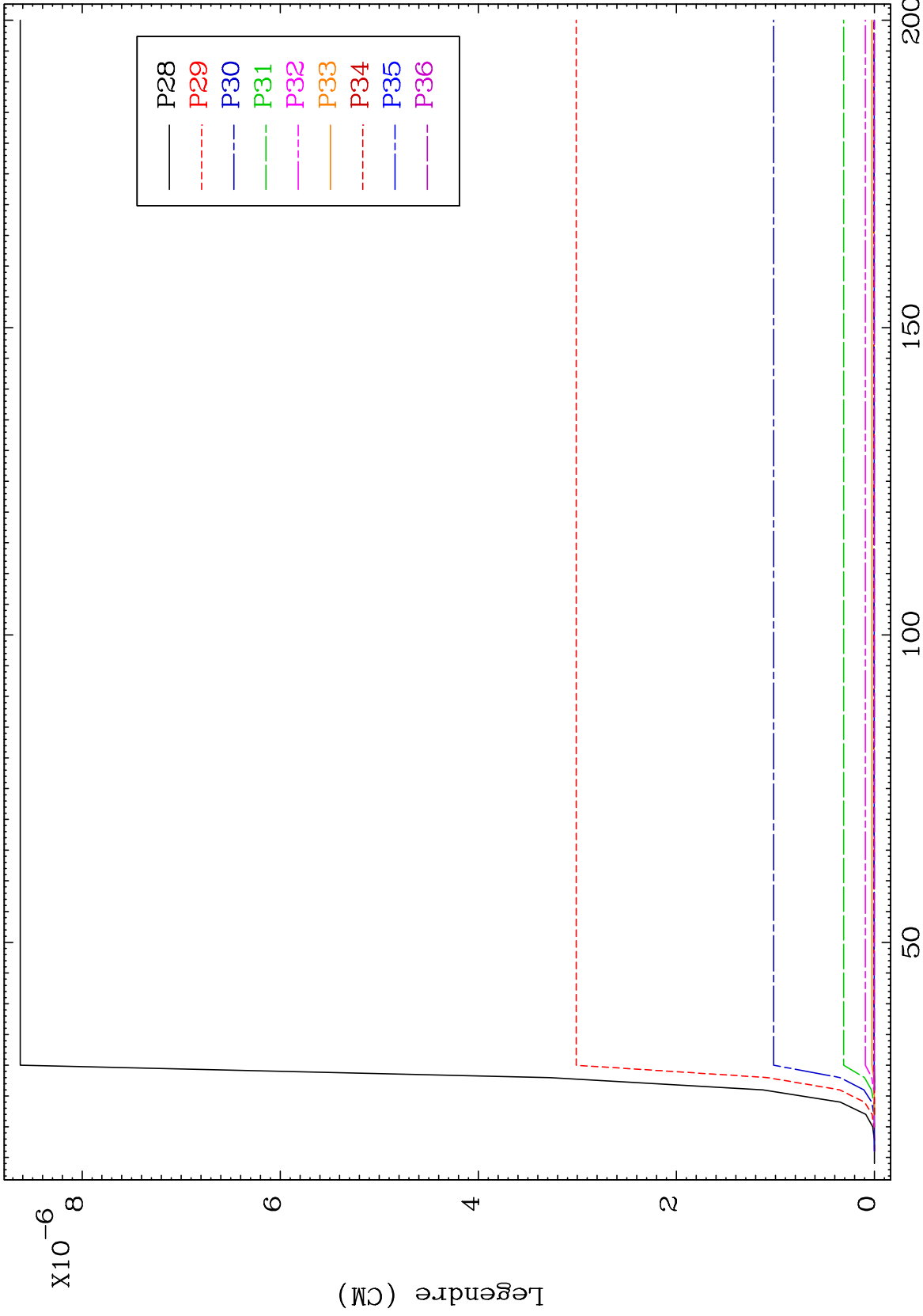
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147



135

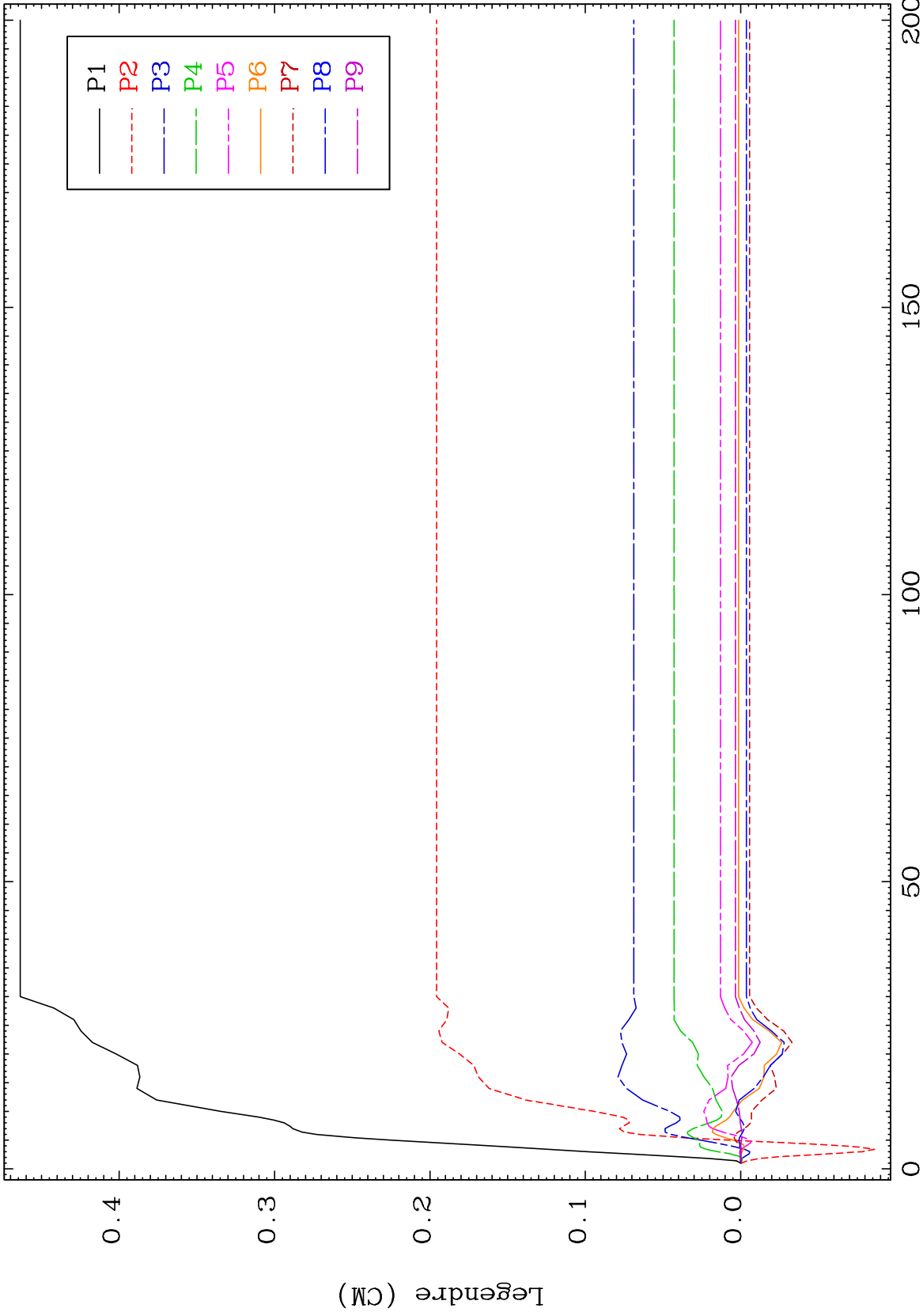
Incident Energy (MeV)

58-Ce-147

MAT 5858

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

58-Ce-147

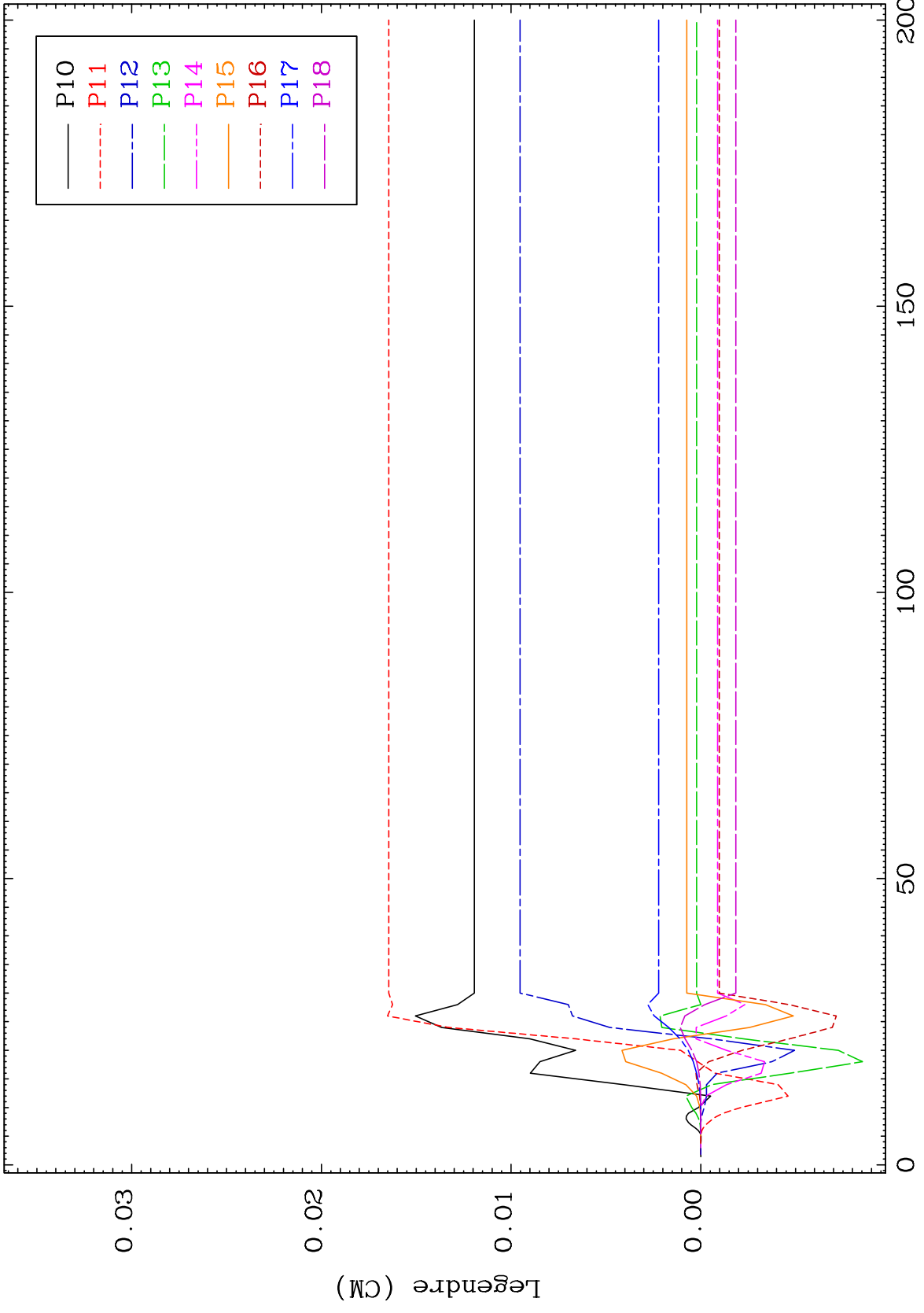


136

Incident Energy (MeV)

58-Ce-147

MAT 5858 MT= 80 (n,n') Level Legendre Coefficients 58-Ce-147

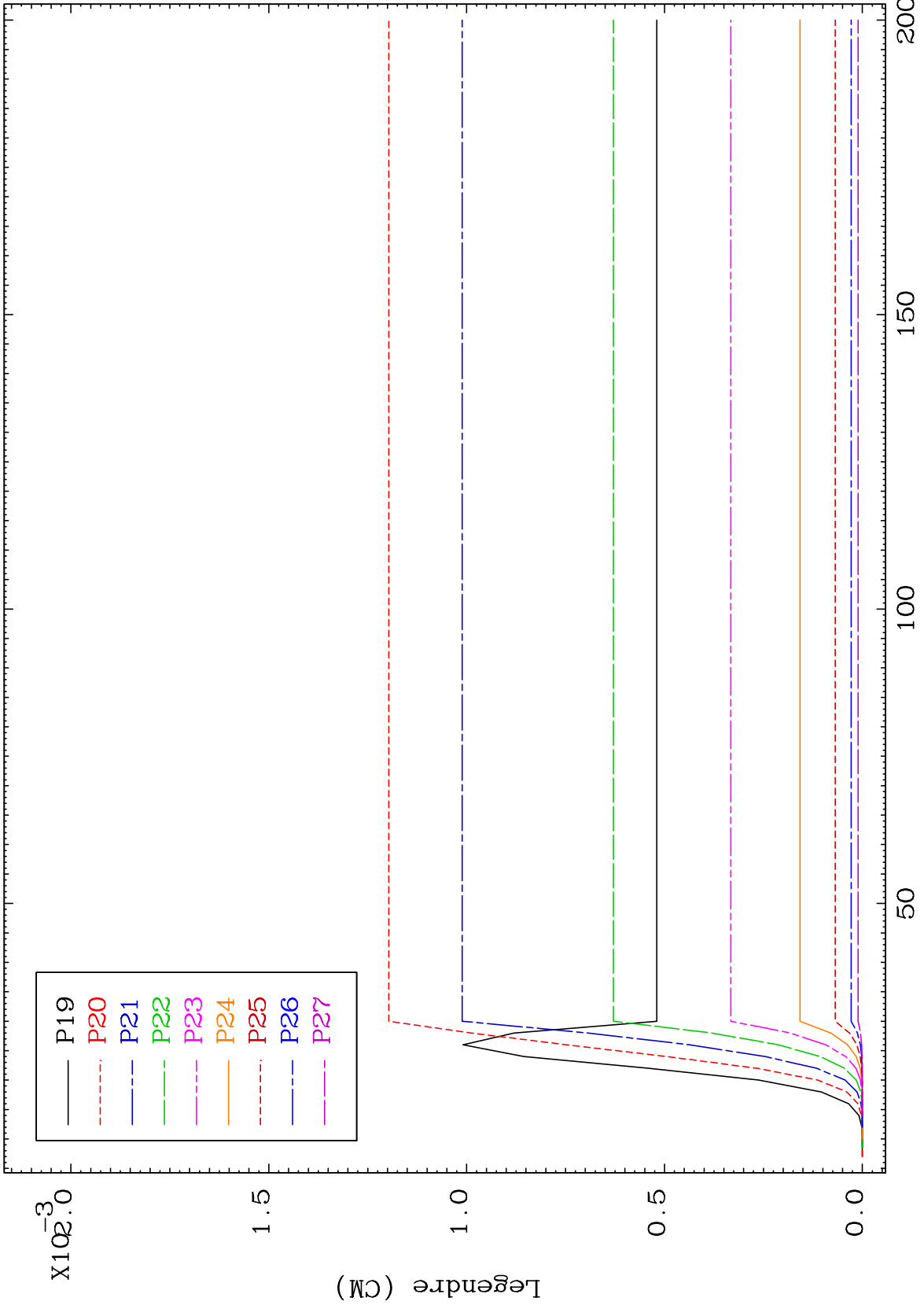


137 58-Ce-147

MAT 5858

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

58-Ce-147



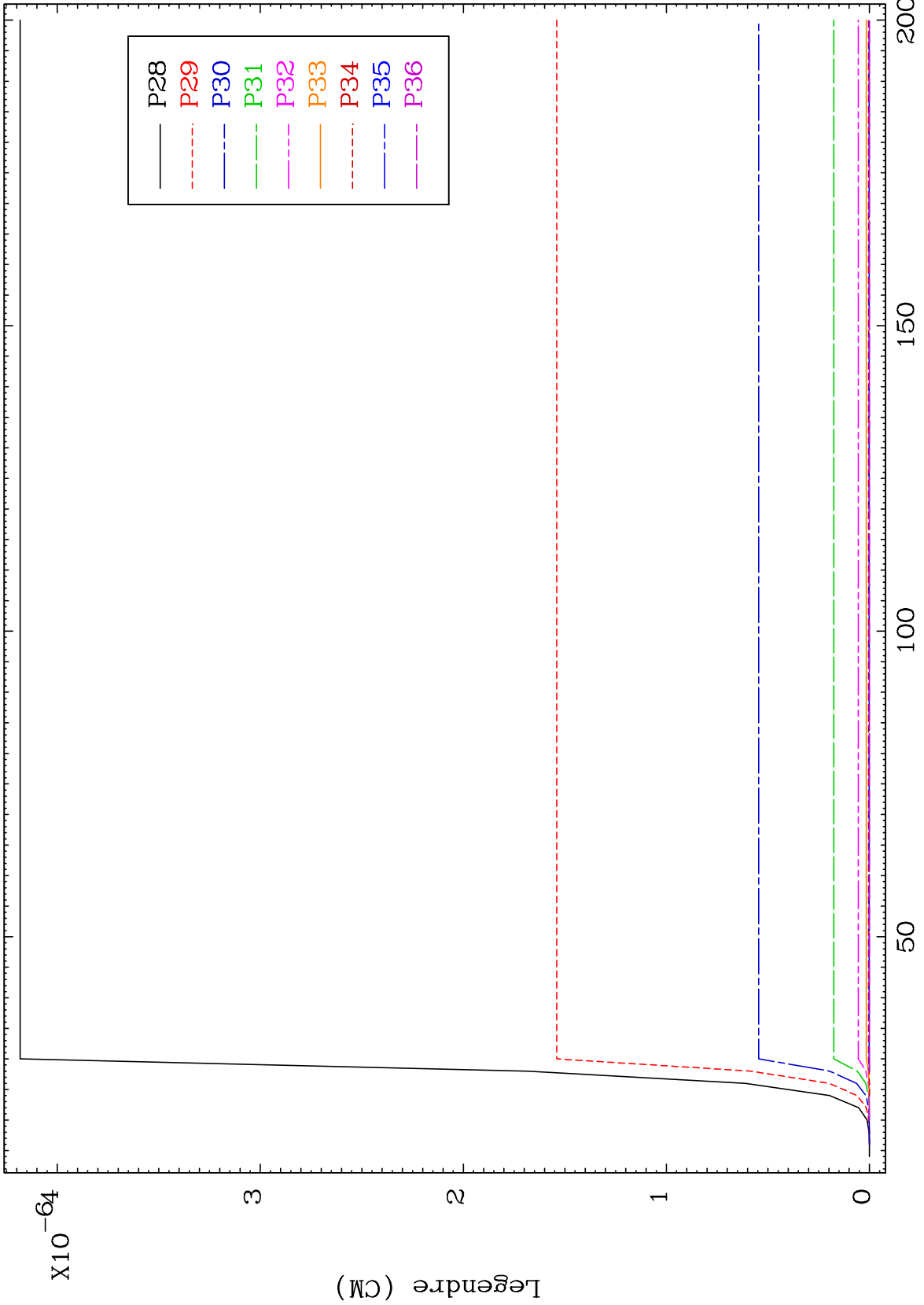
138

58-Ce-147

MAT 5858

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

58-Ce-147



139

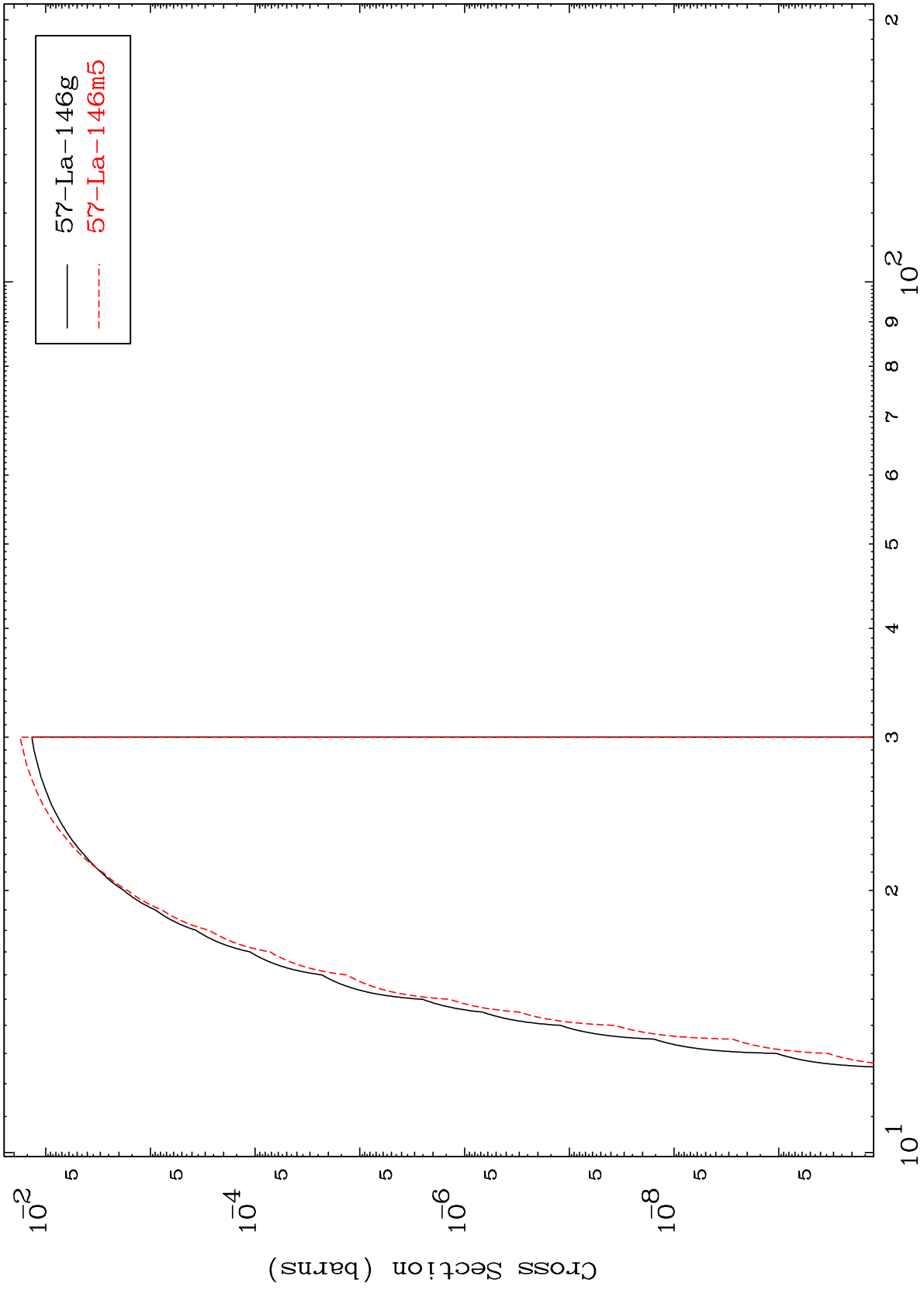
58-Ce-147

MAT 5858

(n,n') p

58-Ce-147

Radionuclide Production Cross Section



140

Incident Energy (MeV)

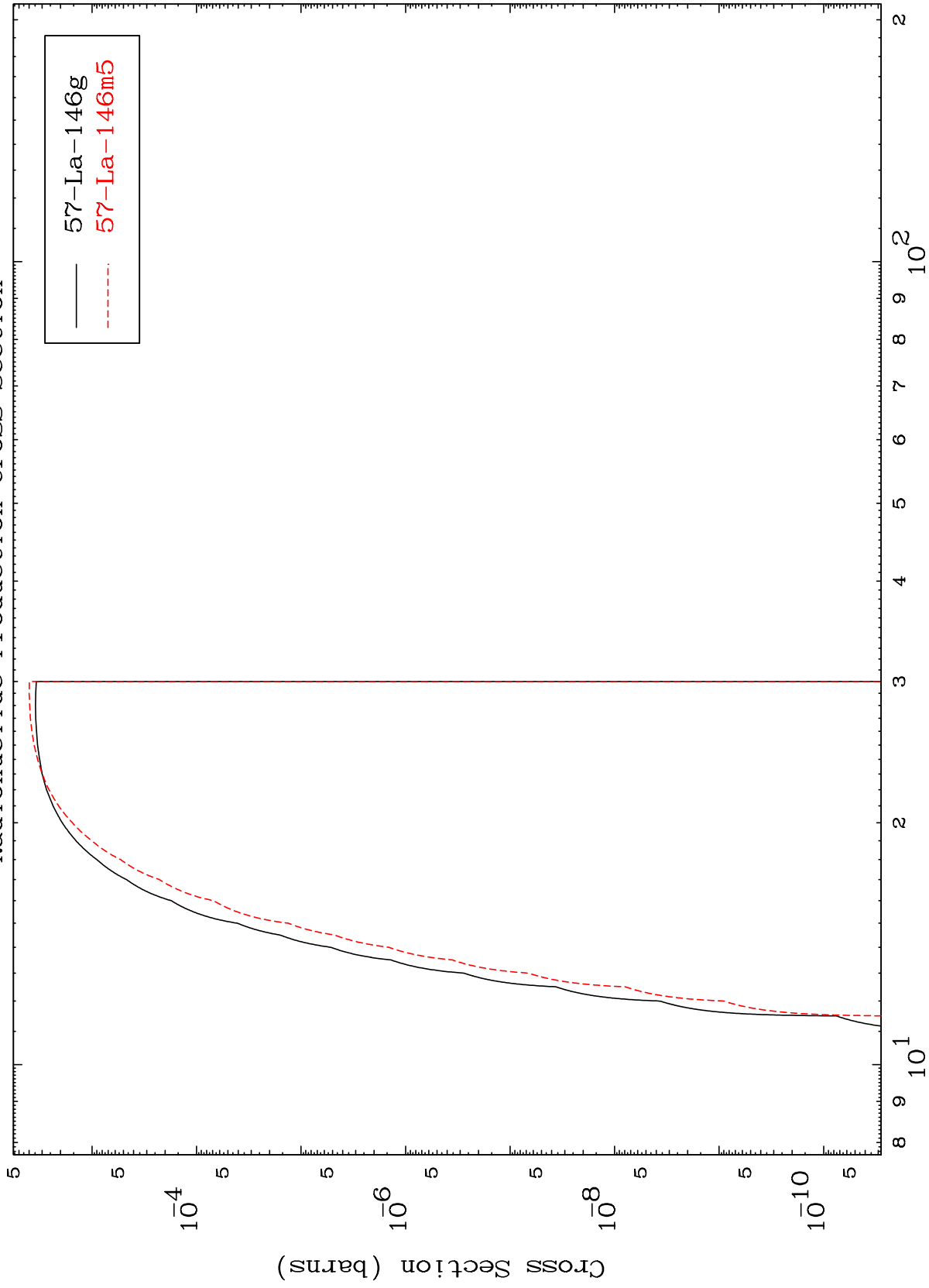
58-Ce-147

MAT 5858

(n,d)

58-Ce-147

Radionuclide Production Cross Section



141

Incident Energy (MeV)

58-Ce-147