

Program EVALPLOT
(Version 2018-1)

by

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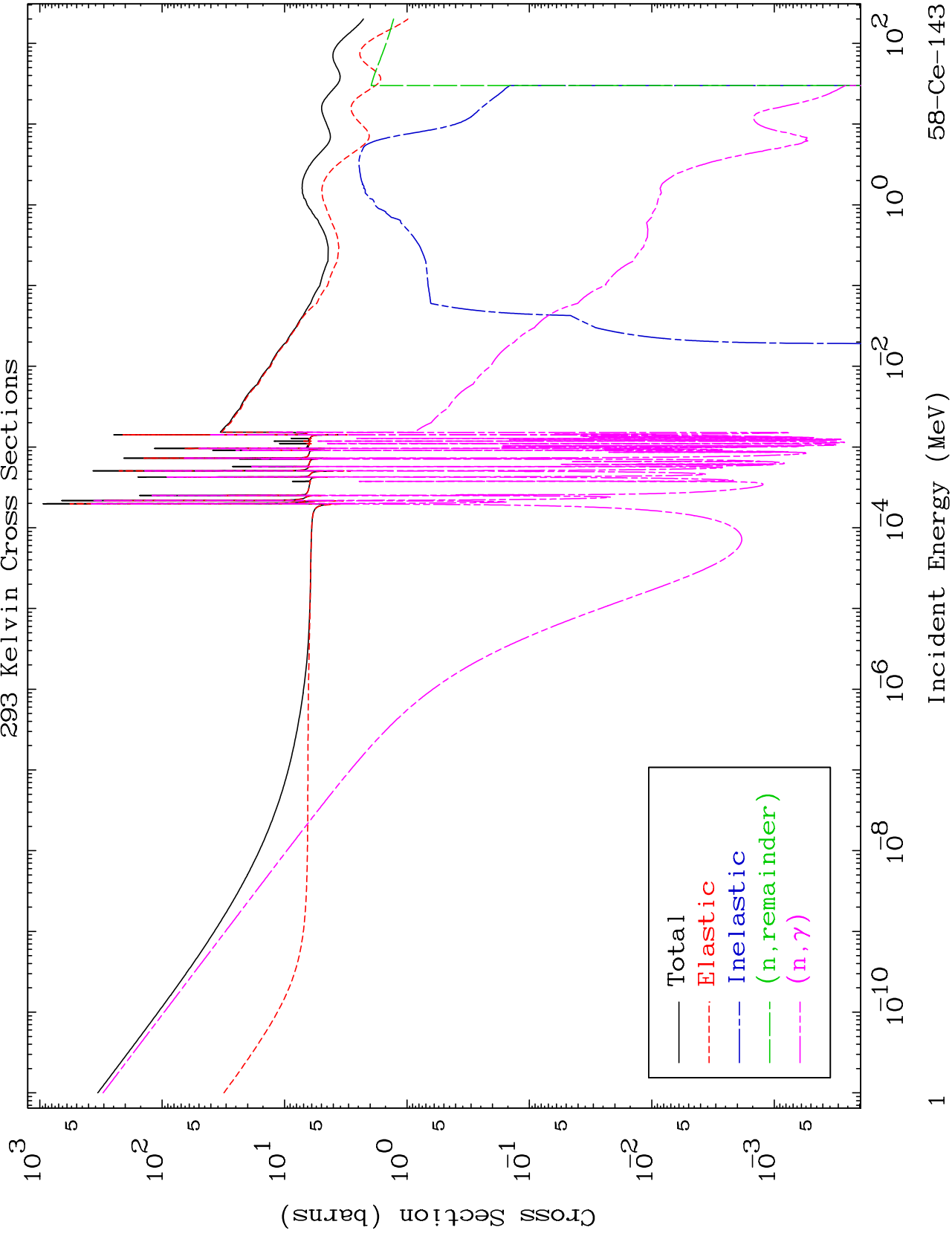
Press Mouse Button to Start

MAT 5846

Major

293 Kelvin Cross Sections

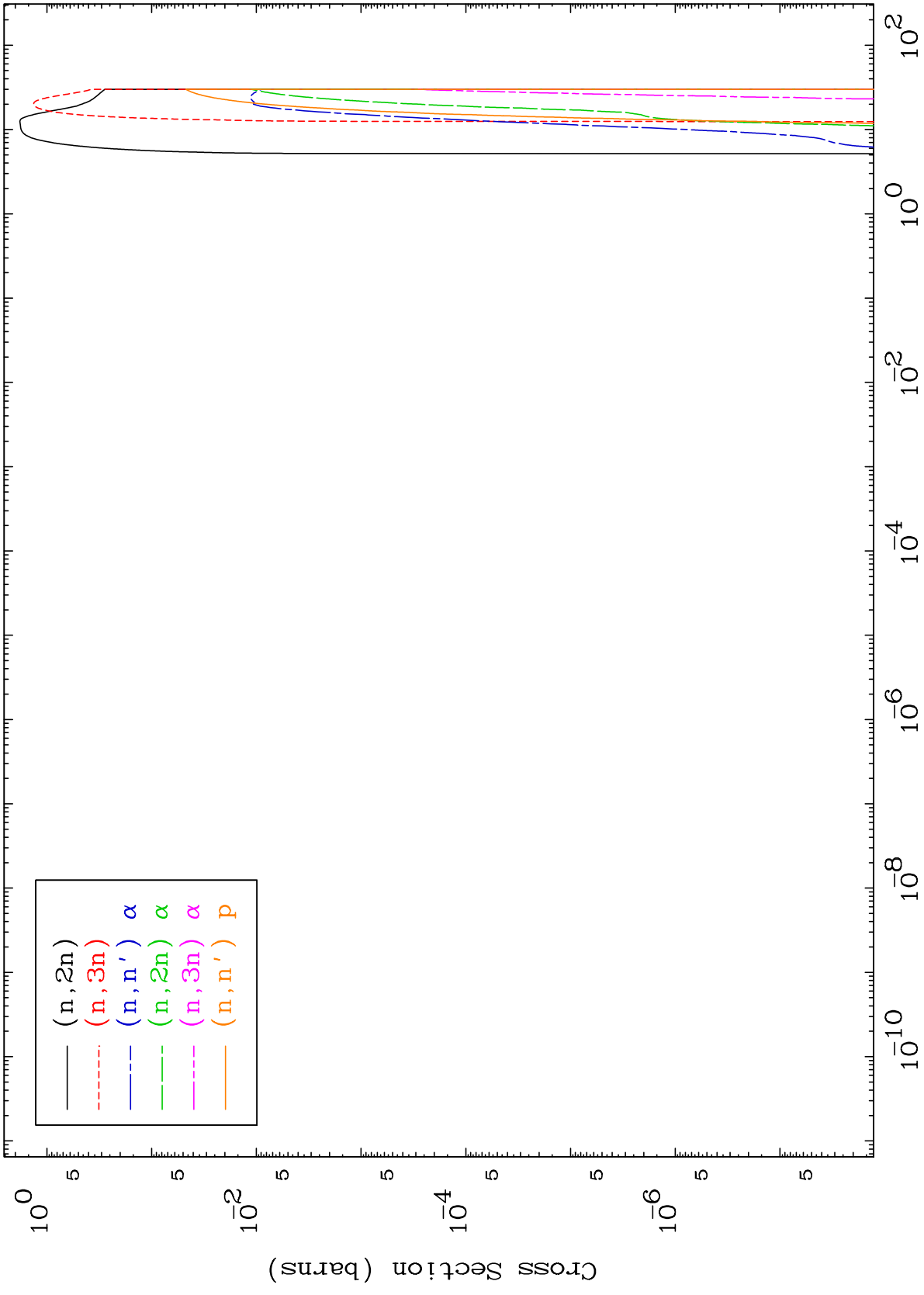
58-Ce-143



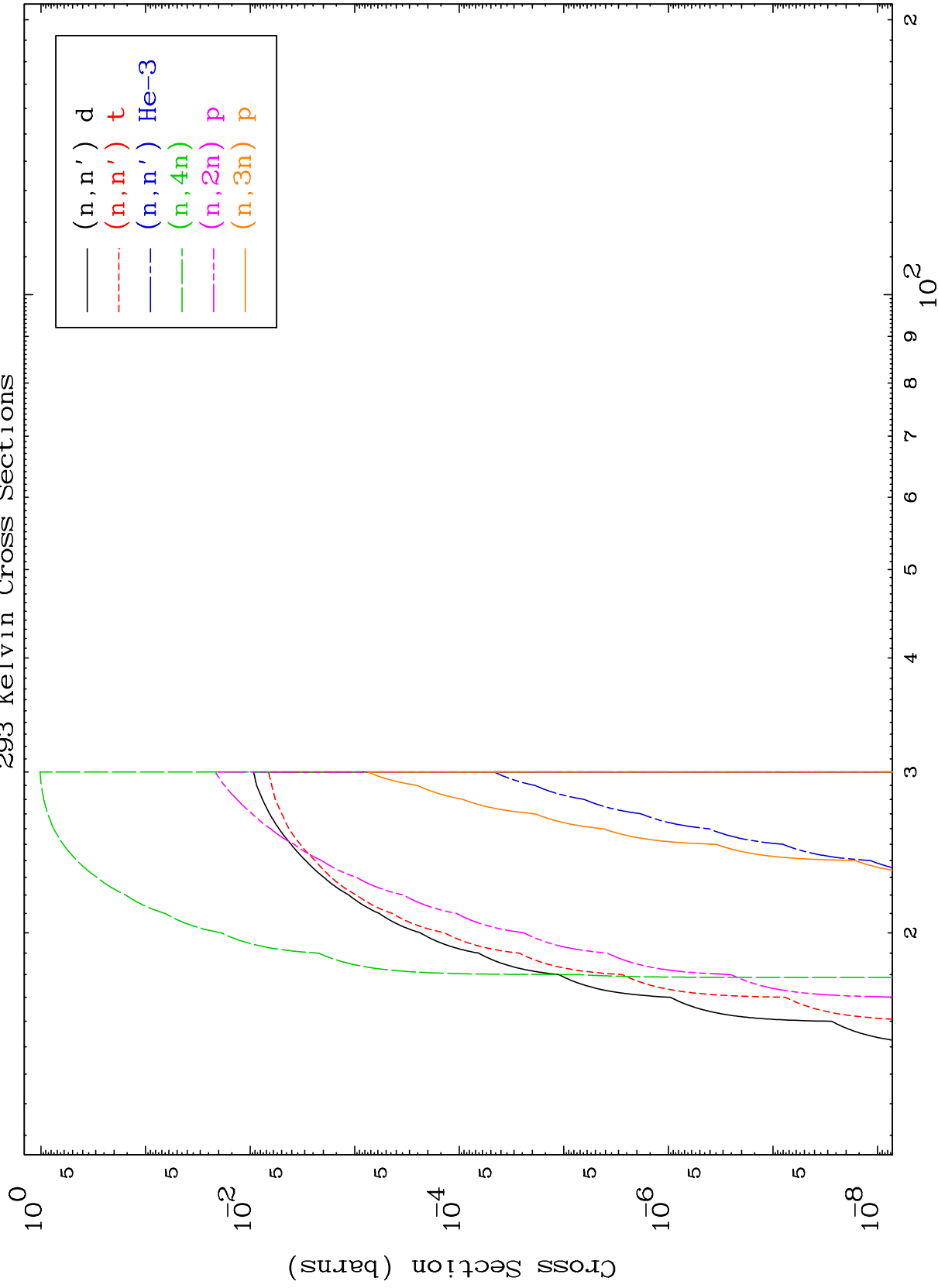
MAT 5846

Neutron Production
293 Kelvin Cross Sections

58-Ce-143



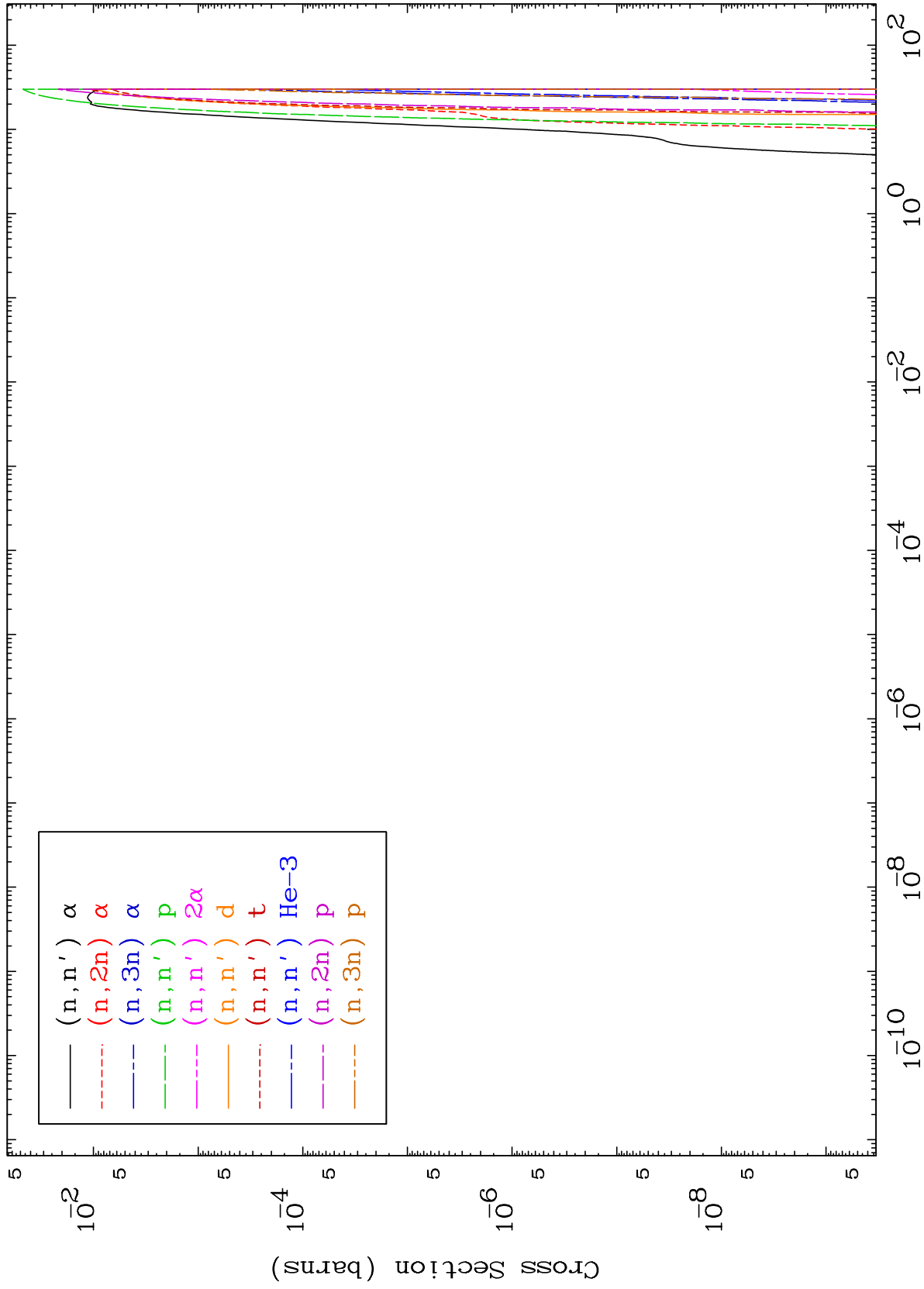
58-Ce-143



MAT 5846

293 Charged Particle
Kelvin Cross Sections

58-Ce-143

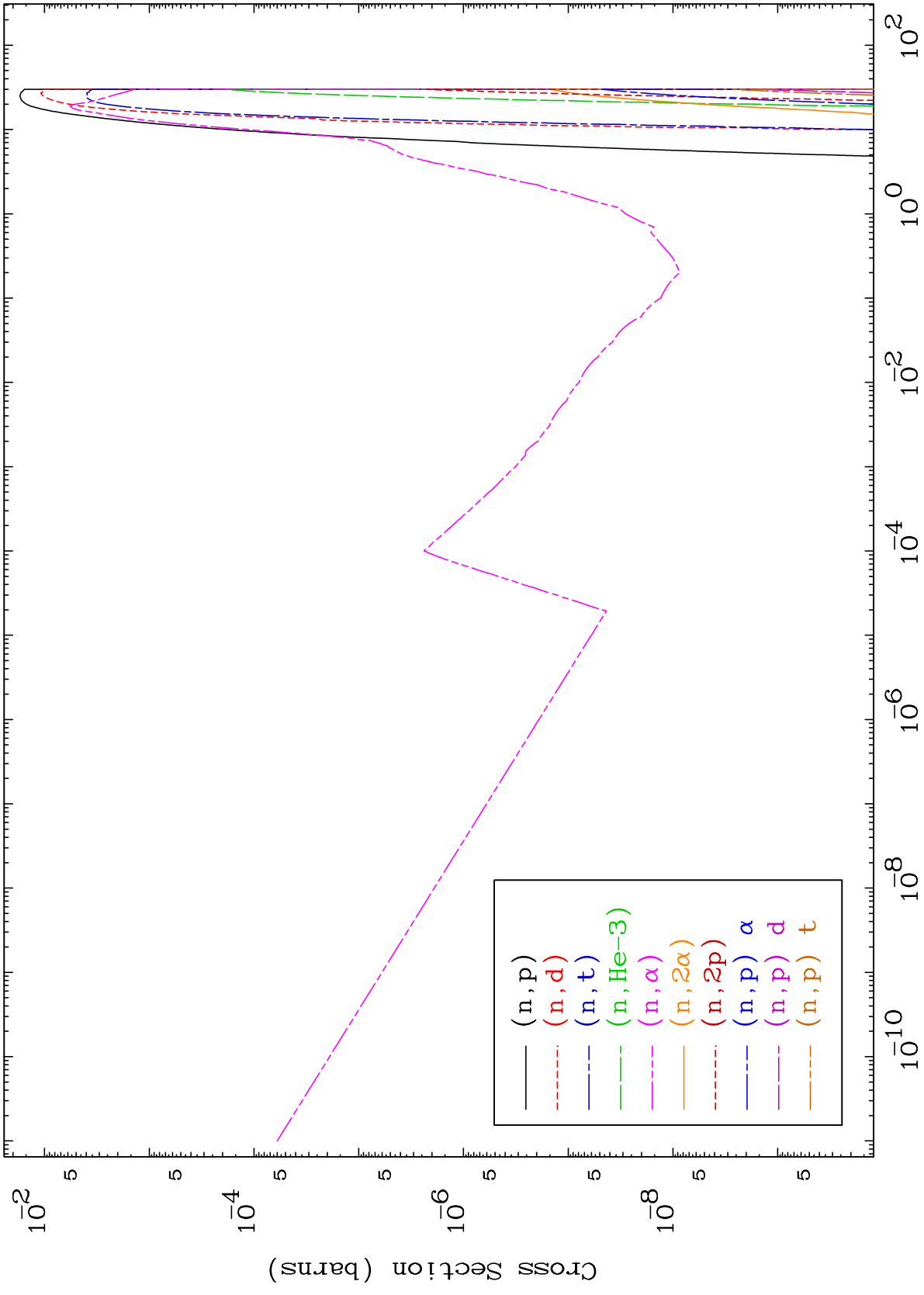


58-Ce-143

MAT 5846

Charged Particle
293 Kelvin Cross Sections

58-Ce-143

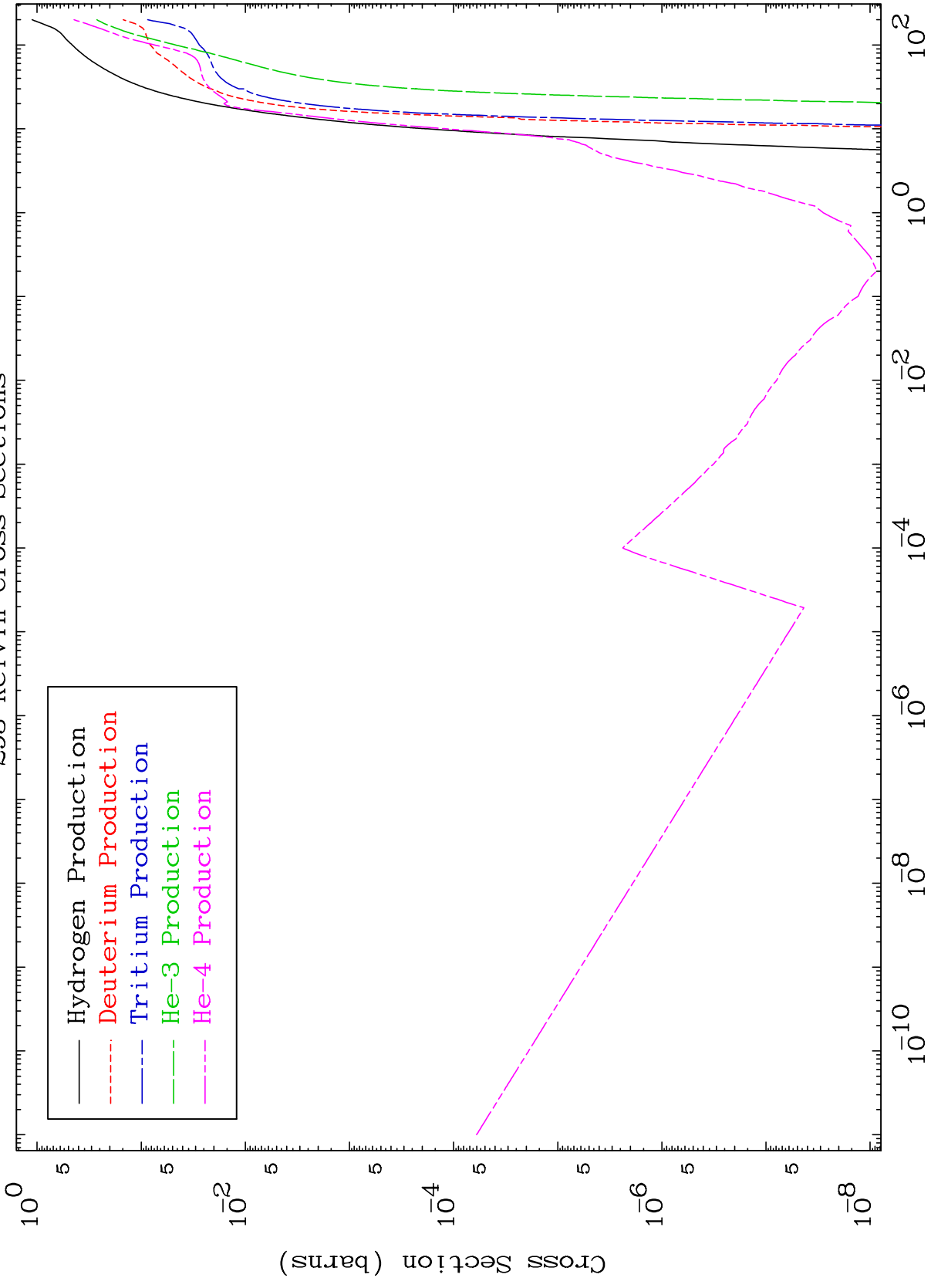


58-Ce-143

MAT 5846

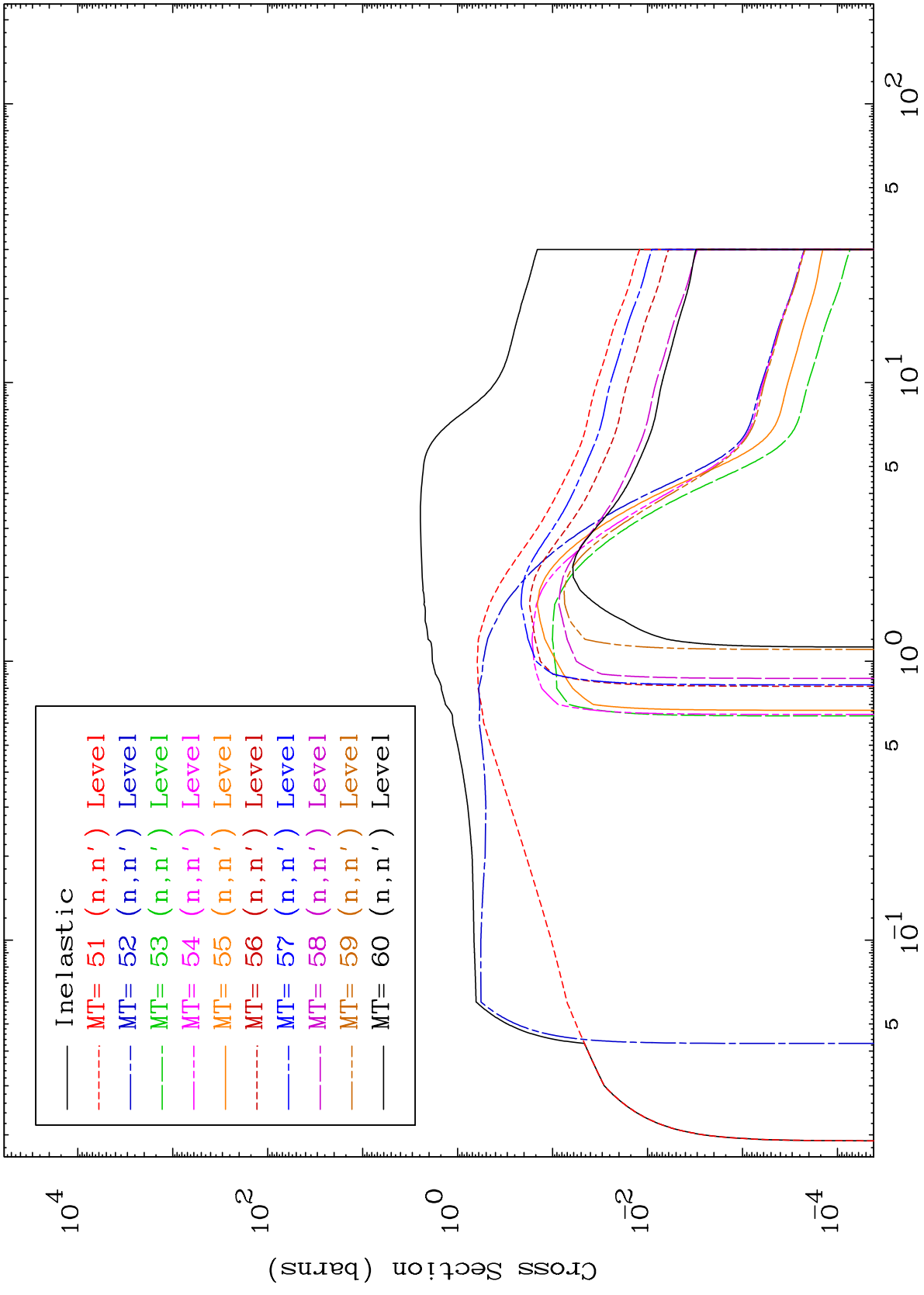
Particle Production
293 Kelvin Cross Sections

58-Ce-143



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58-Ce-143

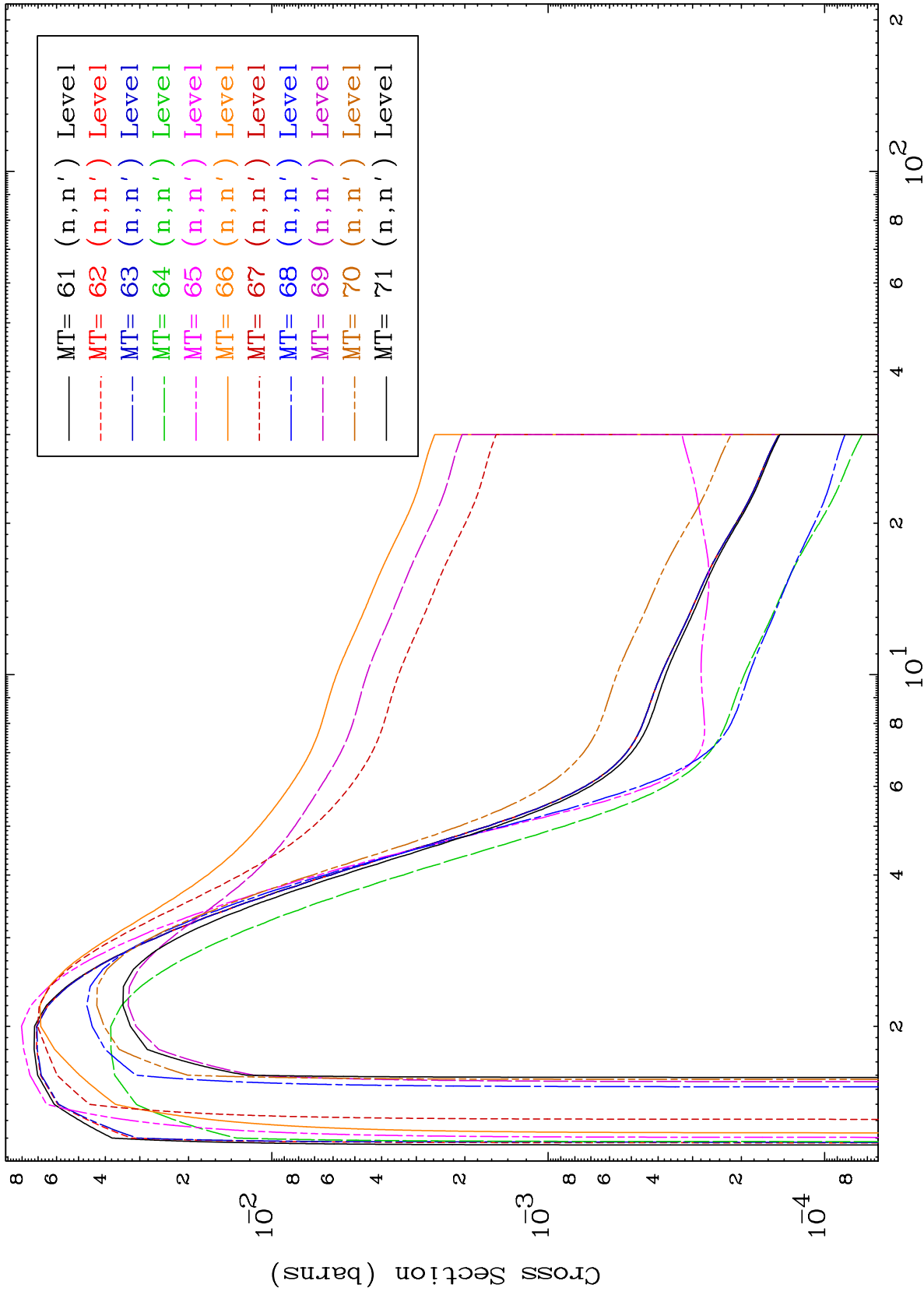


MAT 5846

(n,n') Level

58-Ce-143

293 Kelvin Cross Sections



8

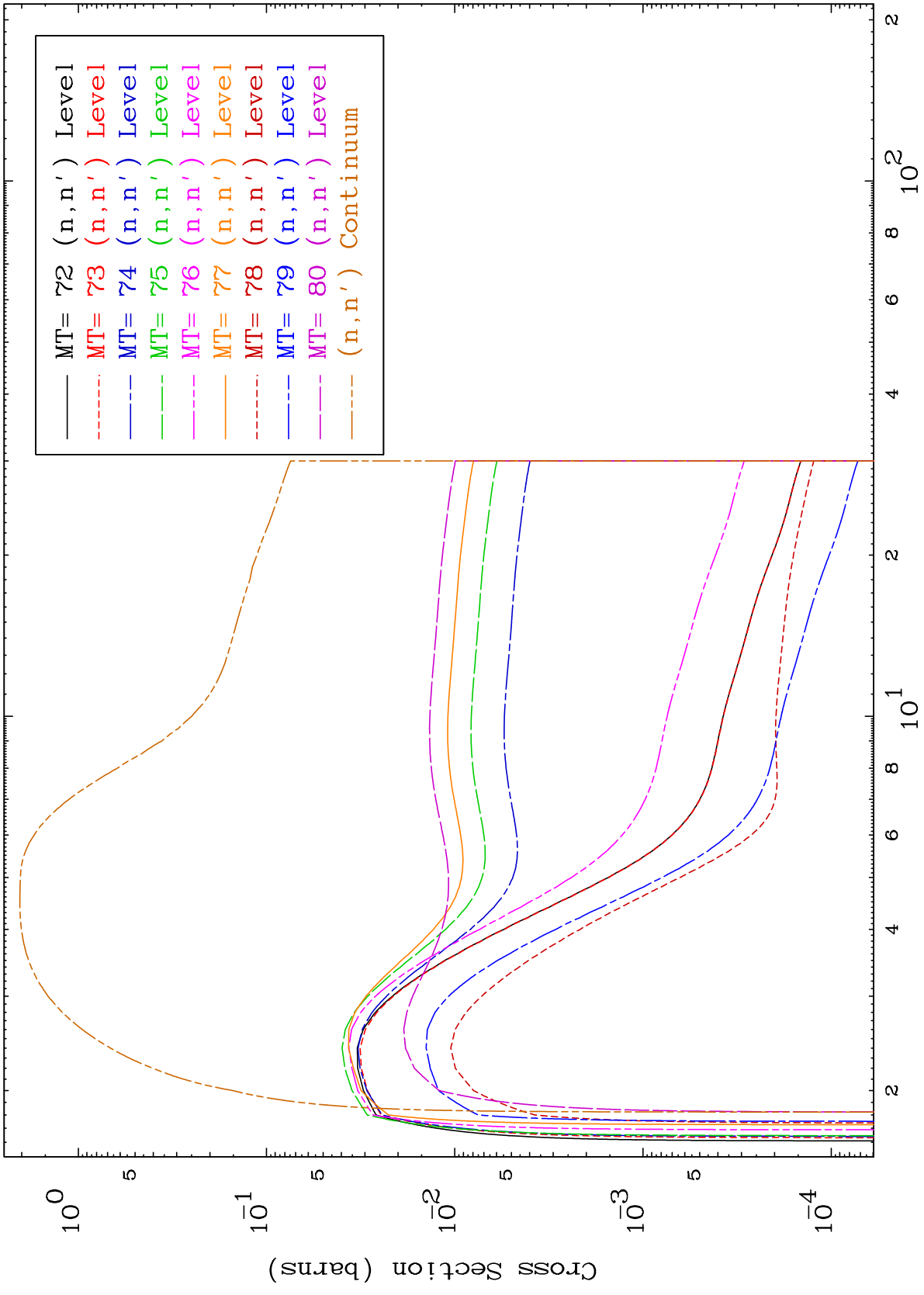
Incident Energy (MeV)

58-Ce-143

MAT 5846

(n,n') Level
293 Kelvin Cross Sections

58-Ce-143



9

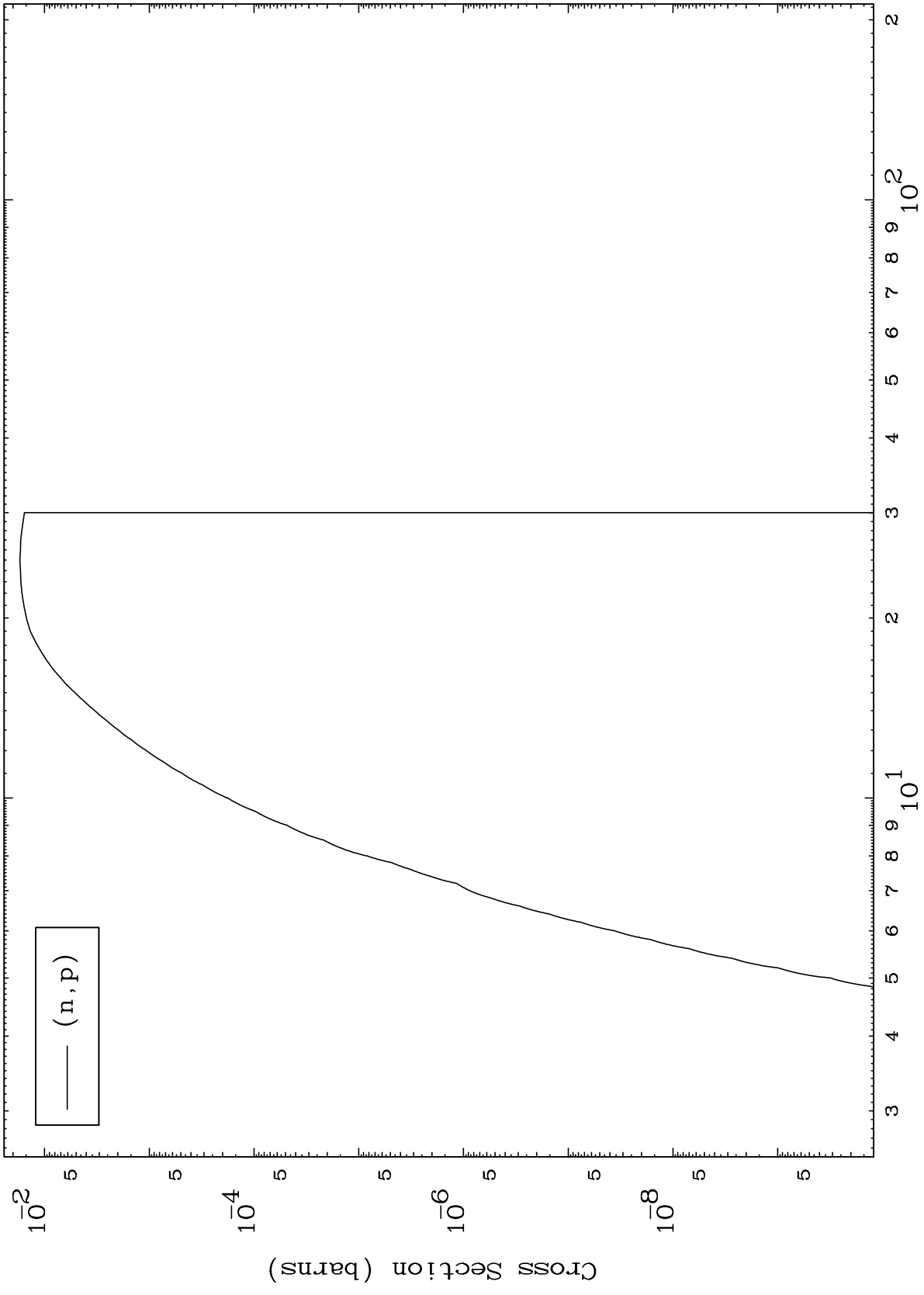
Incident Energy (MeV)

58-Ce-143

MAT 5846

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-143



10

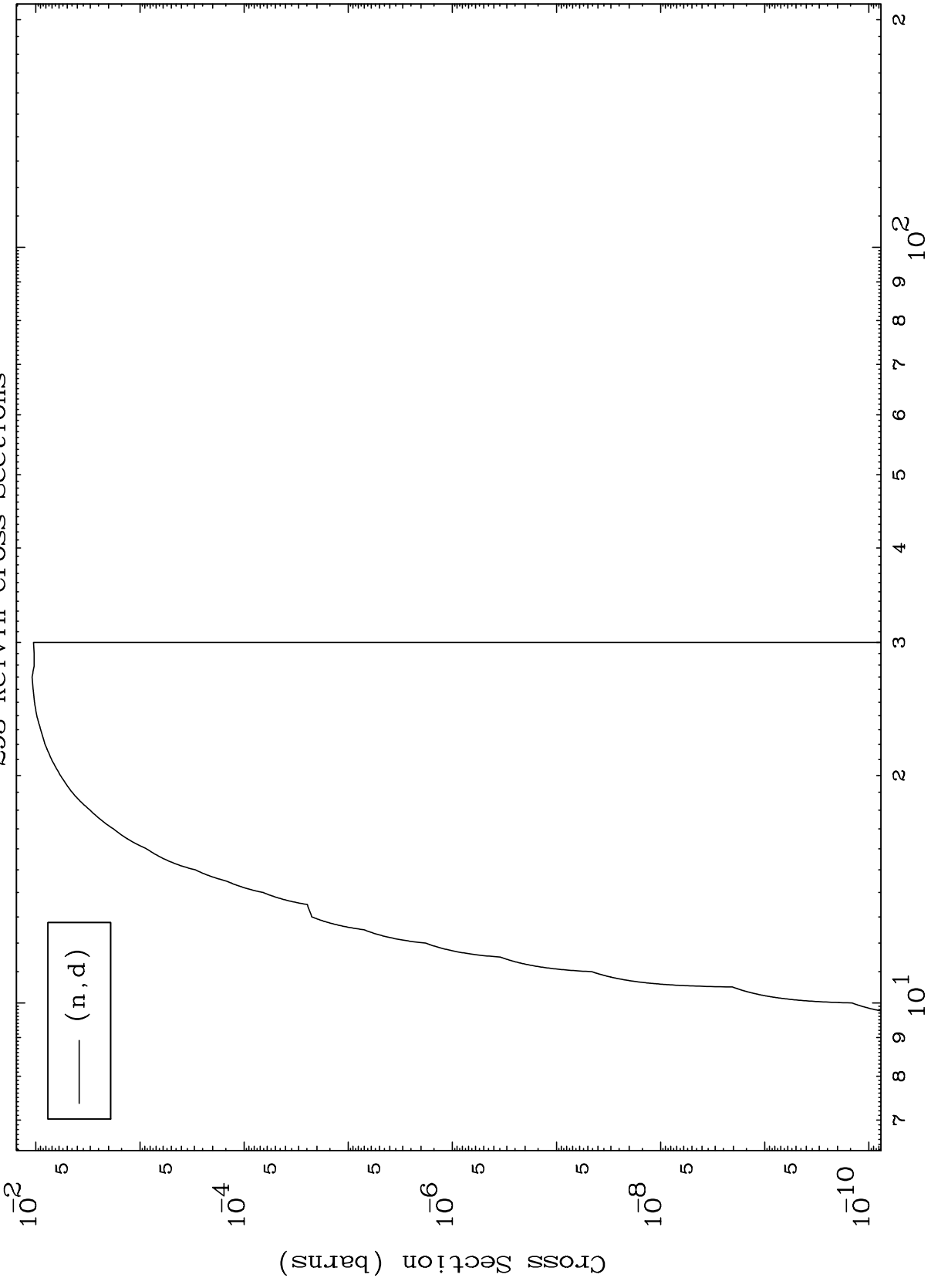
Incident Energy (MeV)

58-Ce-143

MAT 5846

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-143



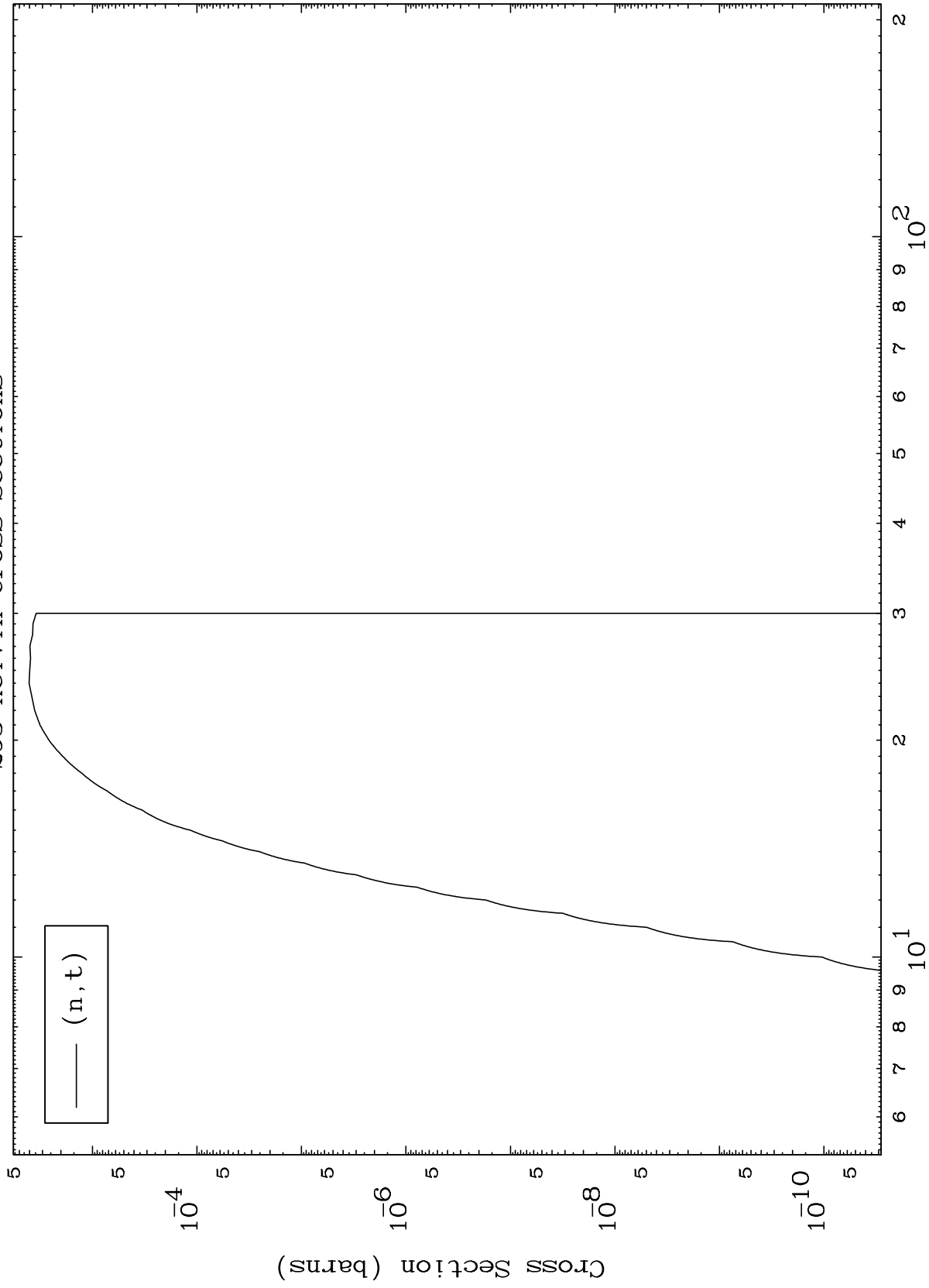
11

58-Ce-143

MAT 5846

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-143



12

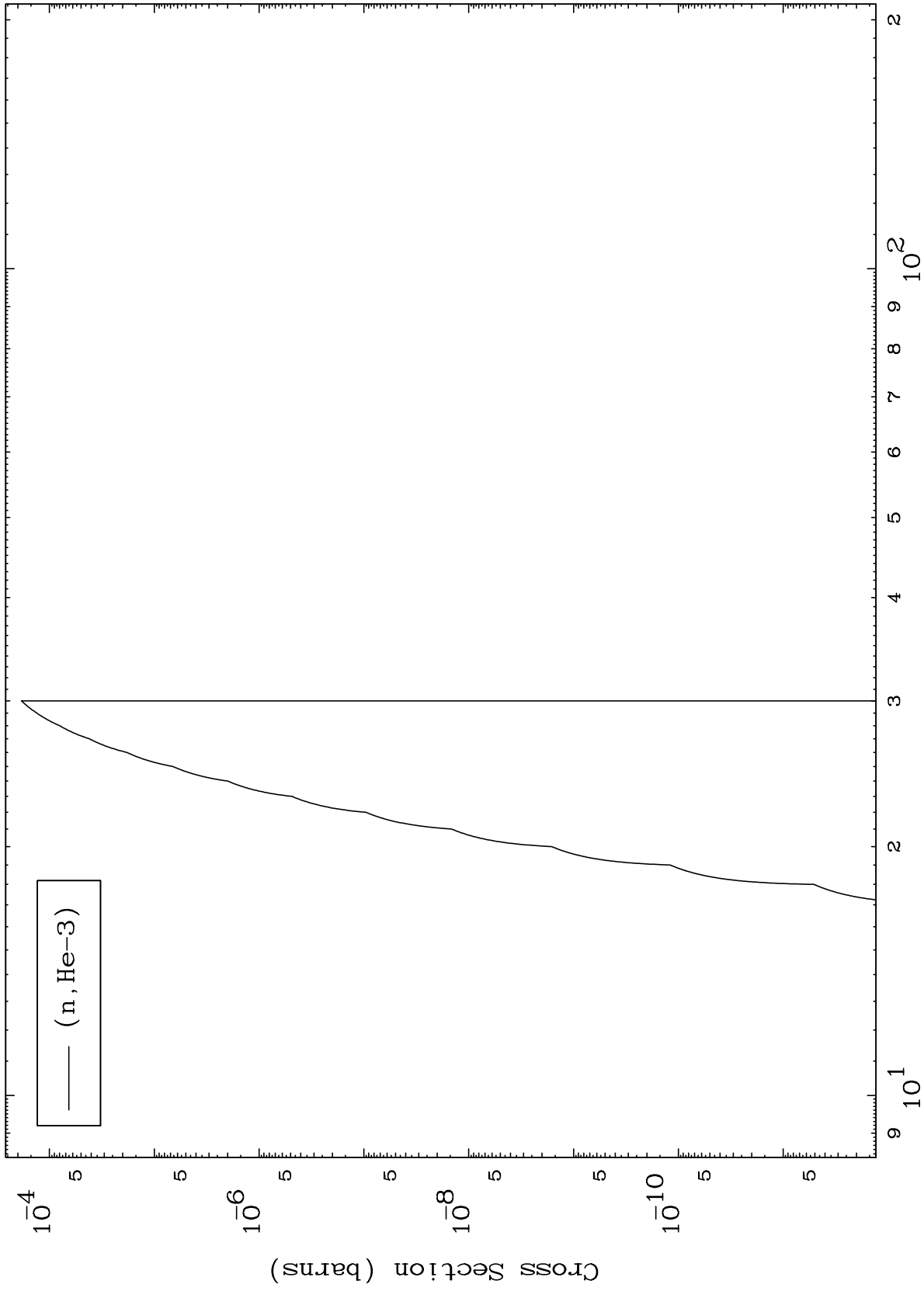
Incident Energy (MeV)

58-Ce-143

MAT 5846

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-143



13

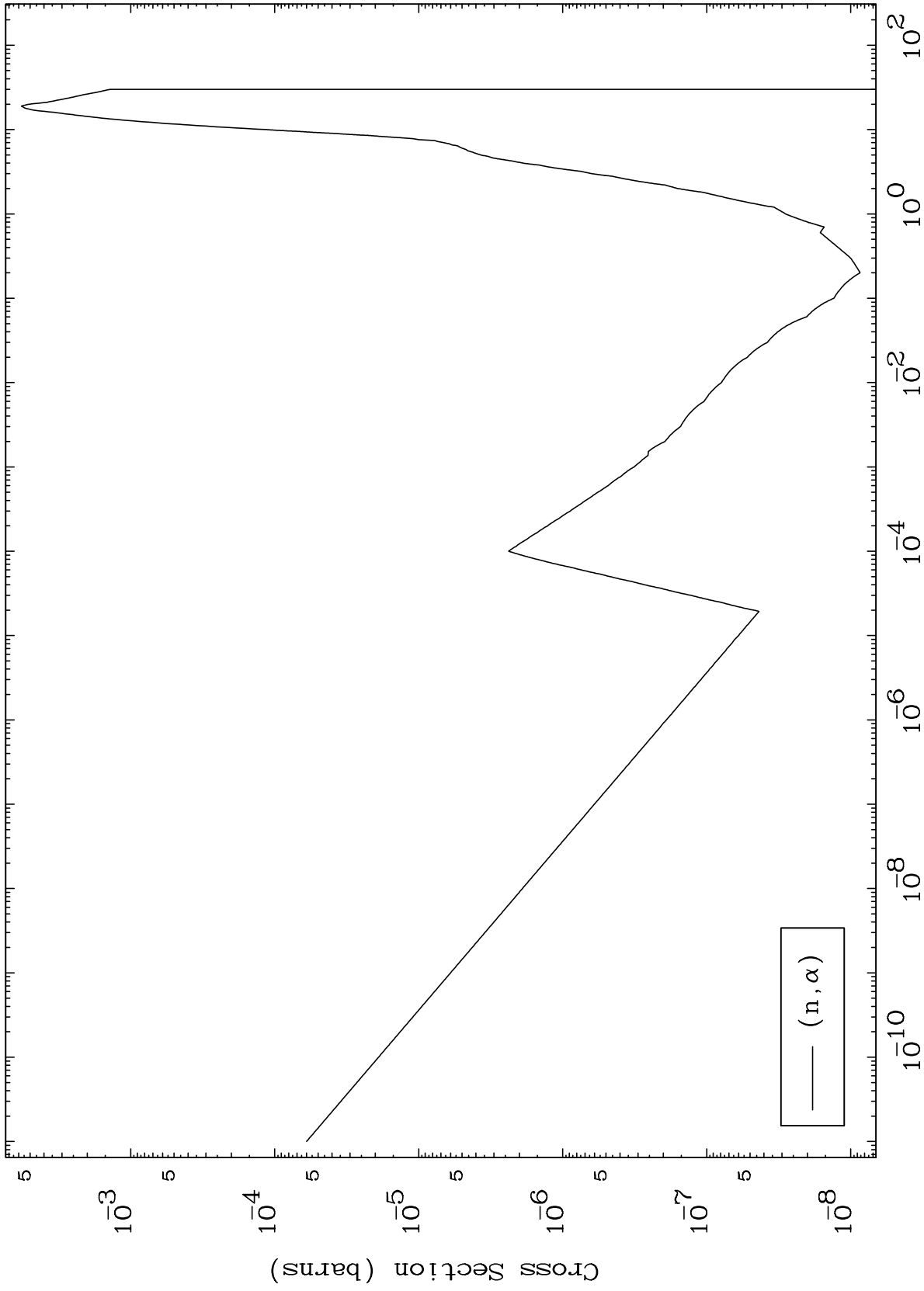
Incident Energy (MeV)

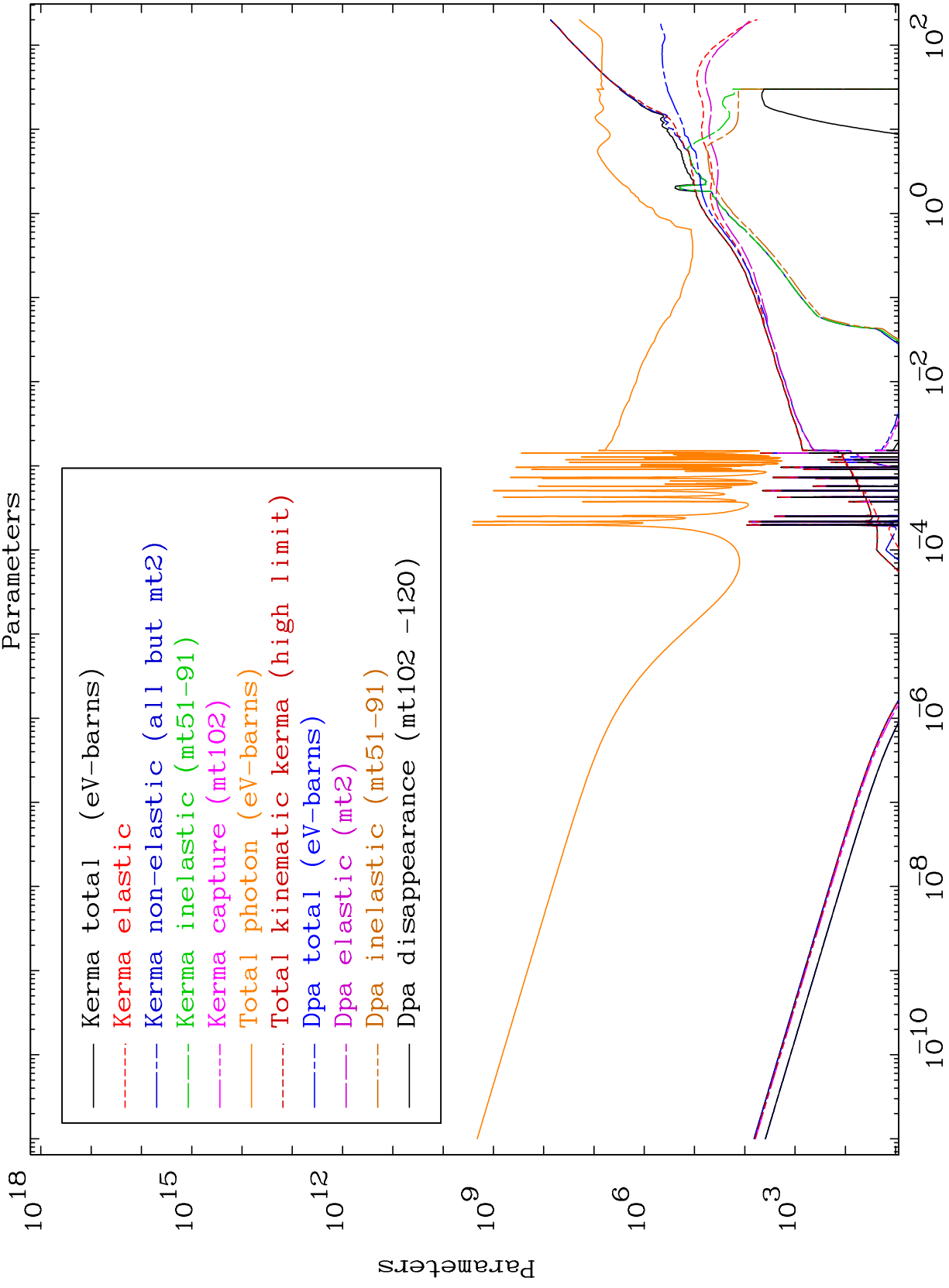
58-Ce-143

MAT 5846

(n,α) Levels
293 Kelvin Cross Sections

58-Ce-143

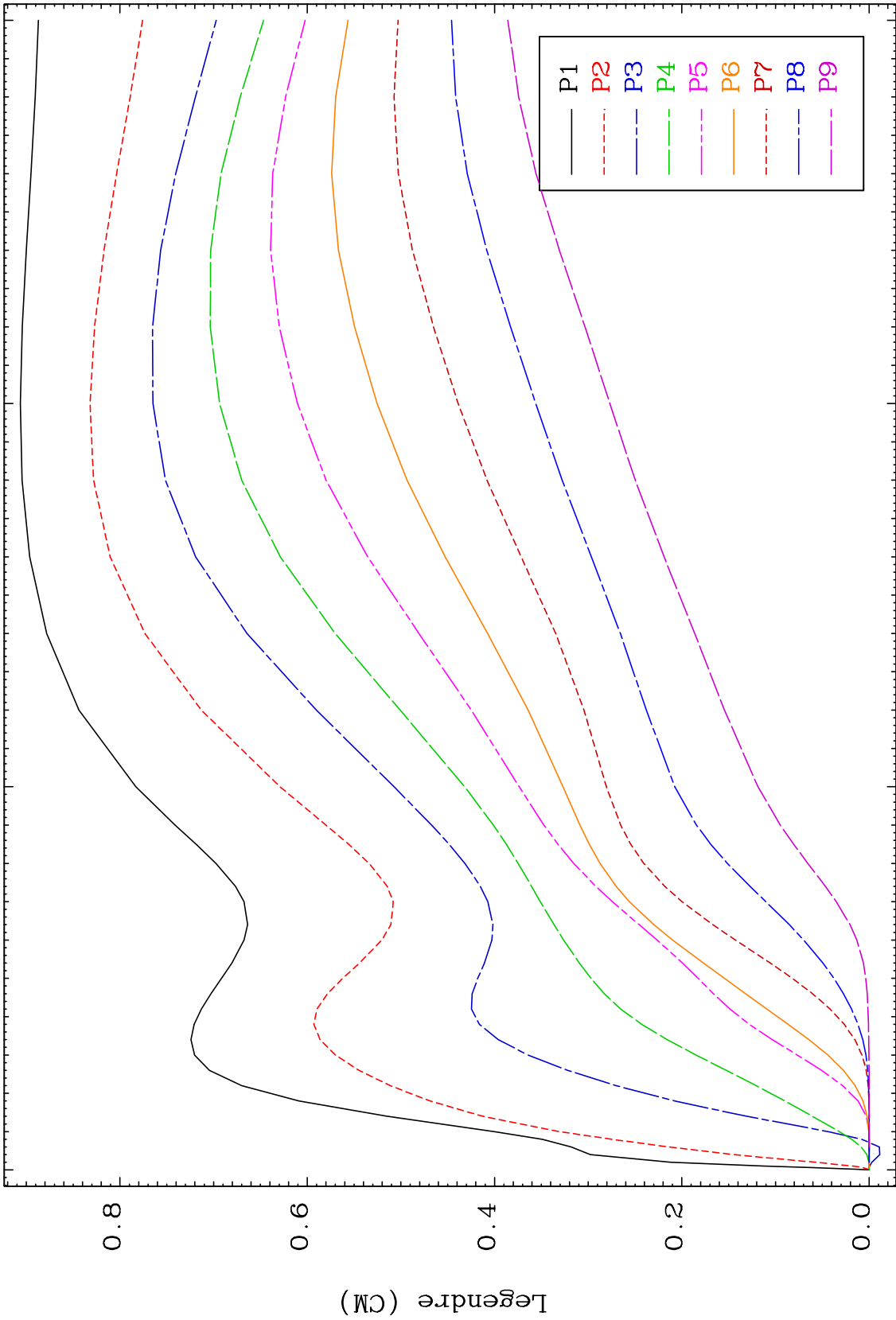




MAT 5846

Elastic Legendre Coefficients

58-Ce-143



16

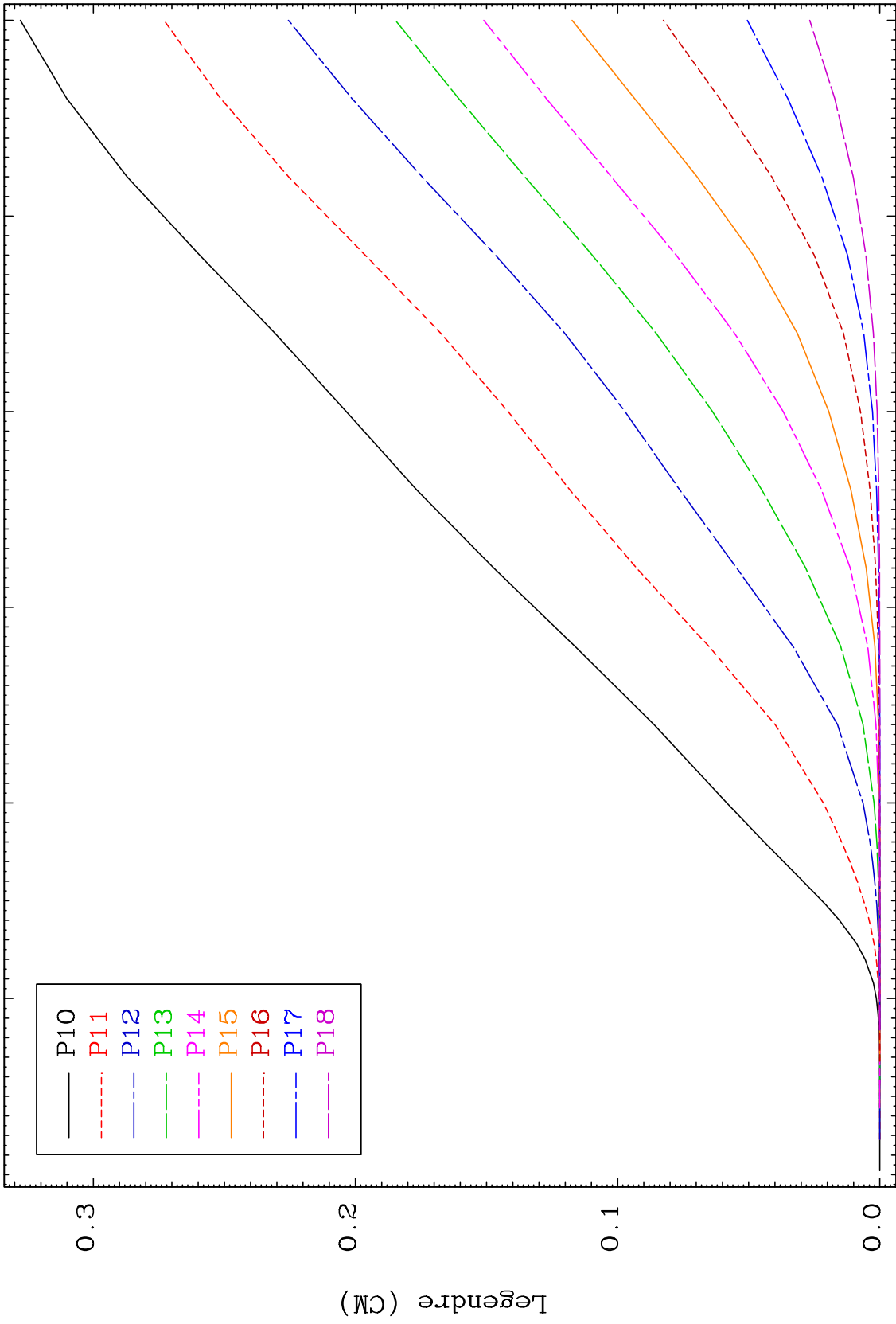
Incident Energy (MeV)

58-Ce-143

MAT 5846

Elastic Legendre Coefficients

58-Ce-143



17

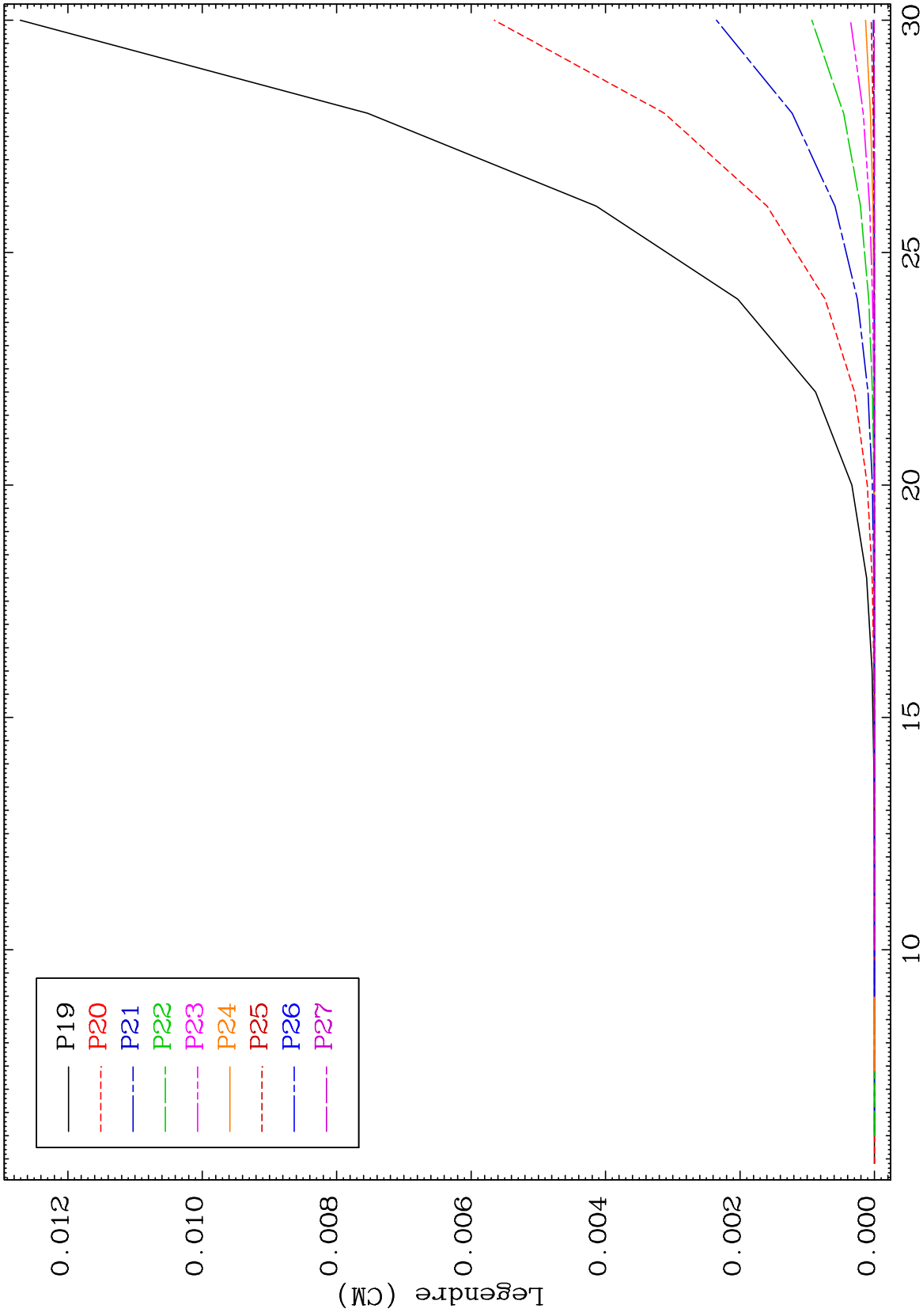
Incident Energy (MeV)

58-Ce-143

MAT 5846

Elastic Legendre Coefficients

58-Ce-143



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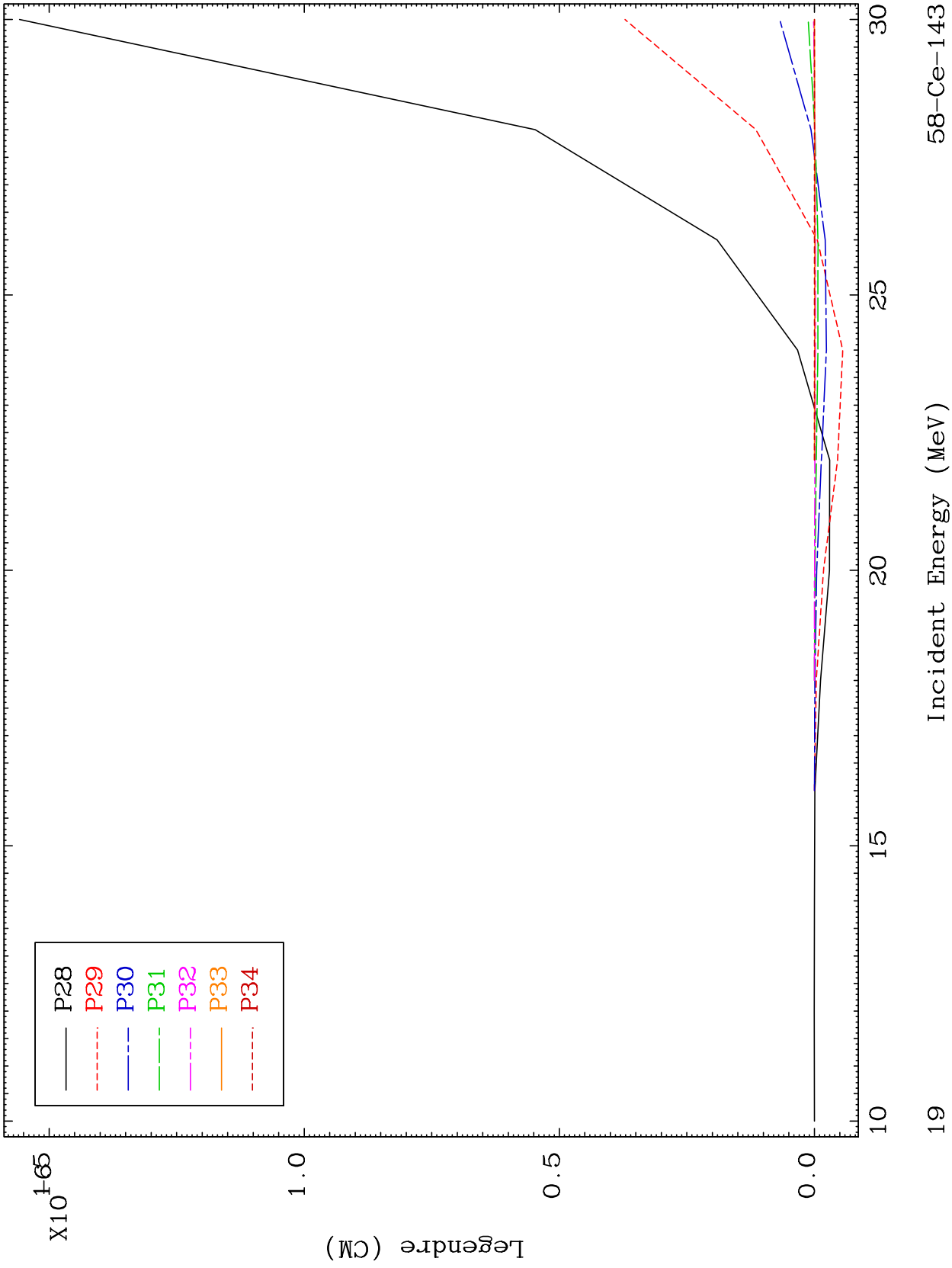
Incident Energy (MeV)

58-Ce-143

MAT 5846

Elastic
Legendre Coefficients

58-Ce-143



19

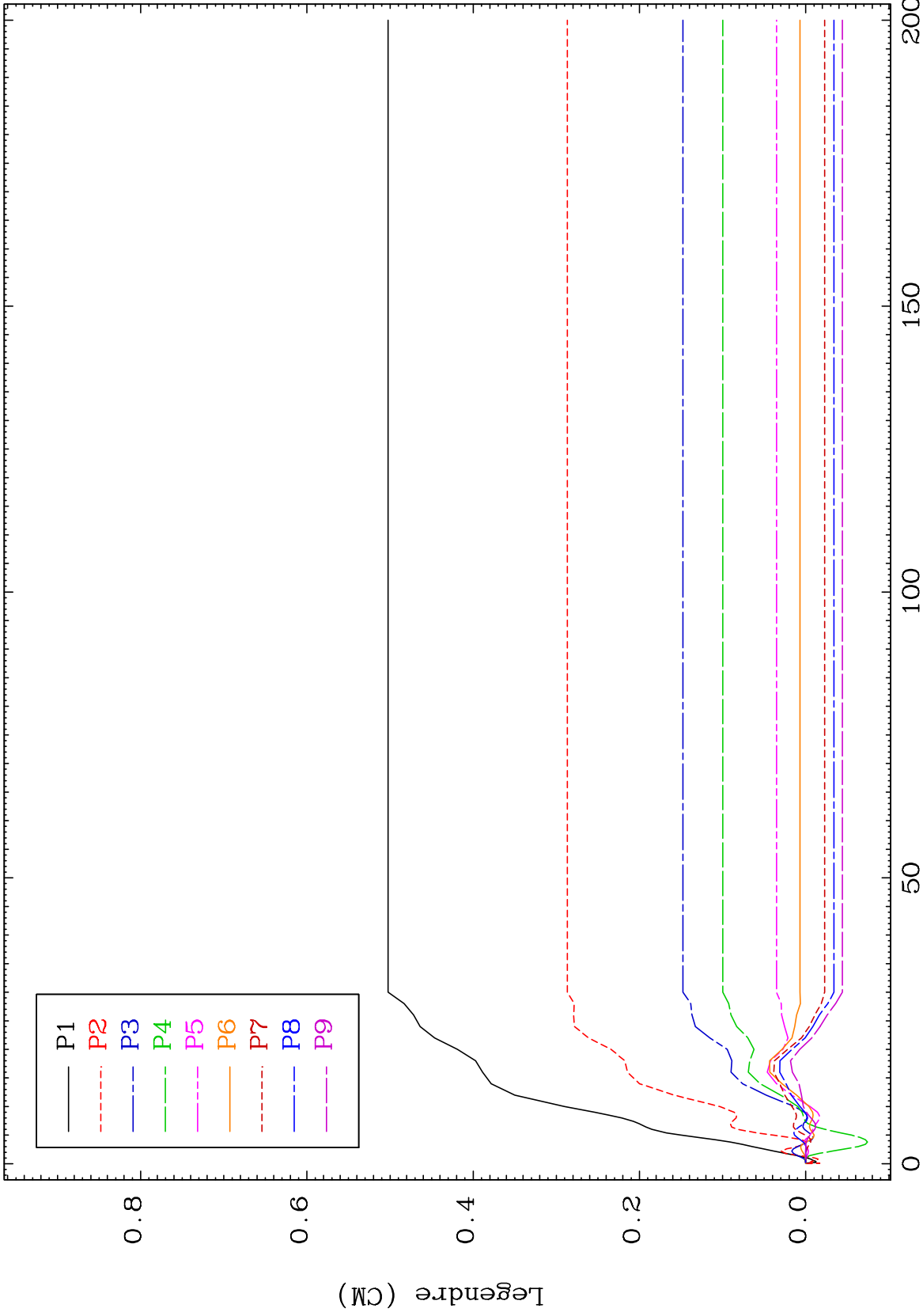
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



58-Ce-143

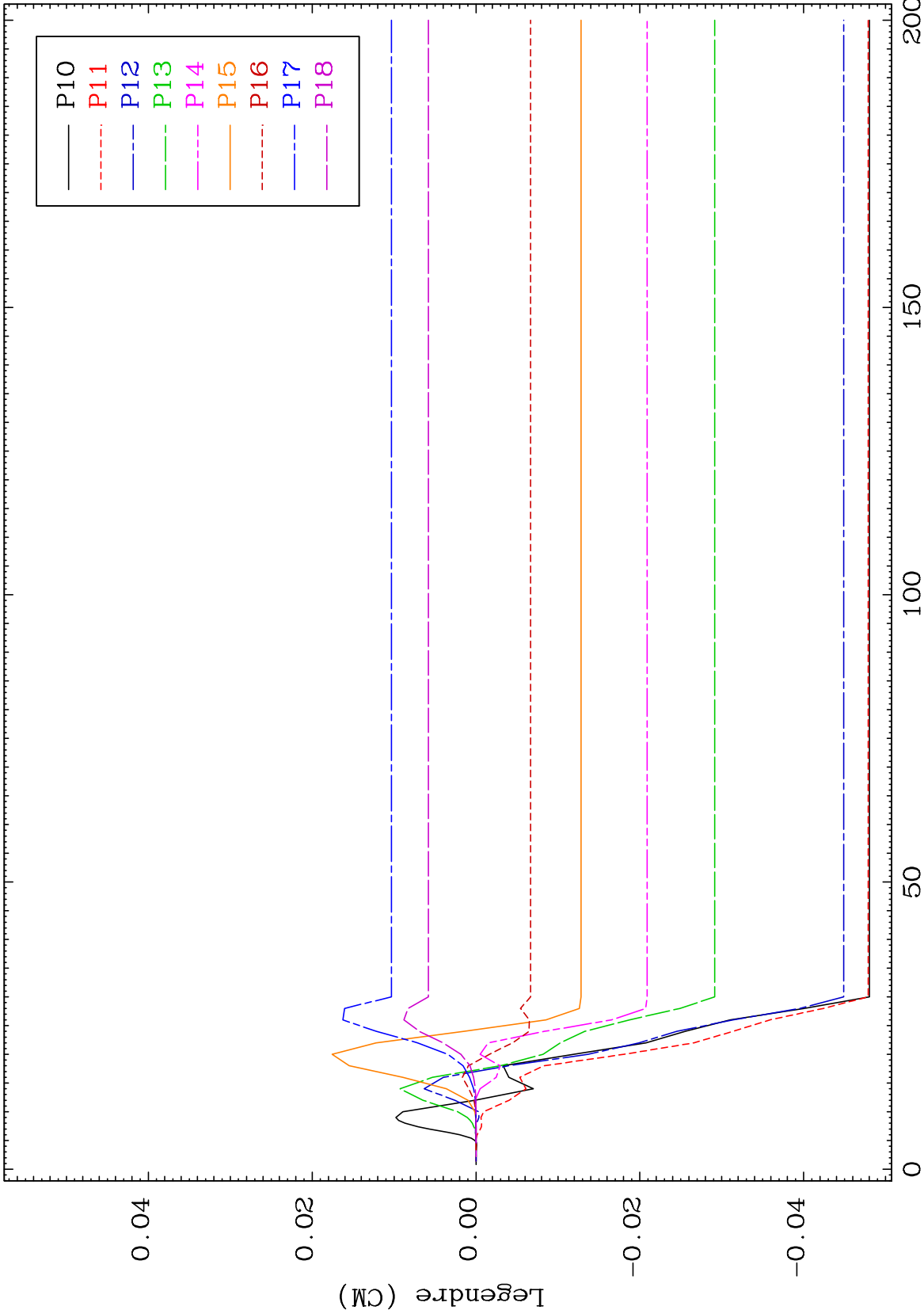
Incident Energy (MeV)

Legendre (CM)

MAT 5846

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

58-Ce-143



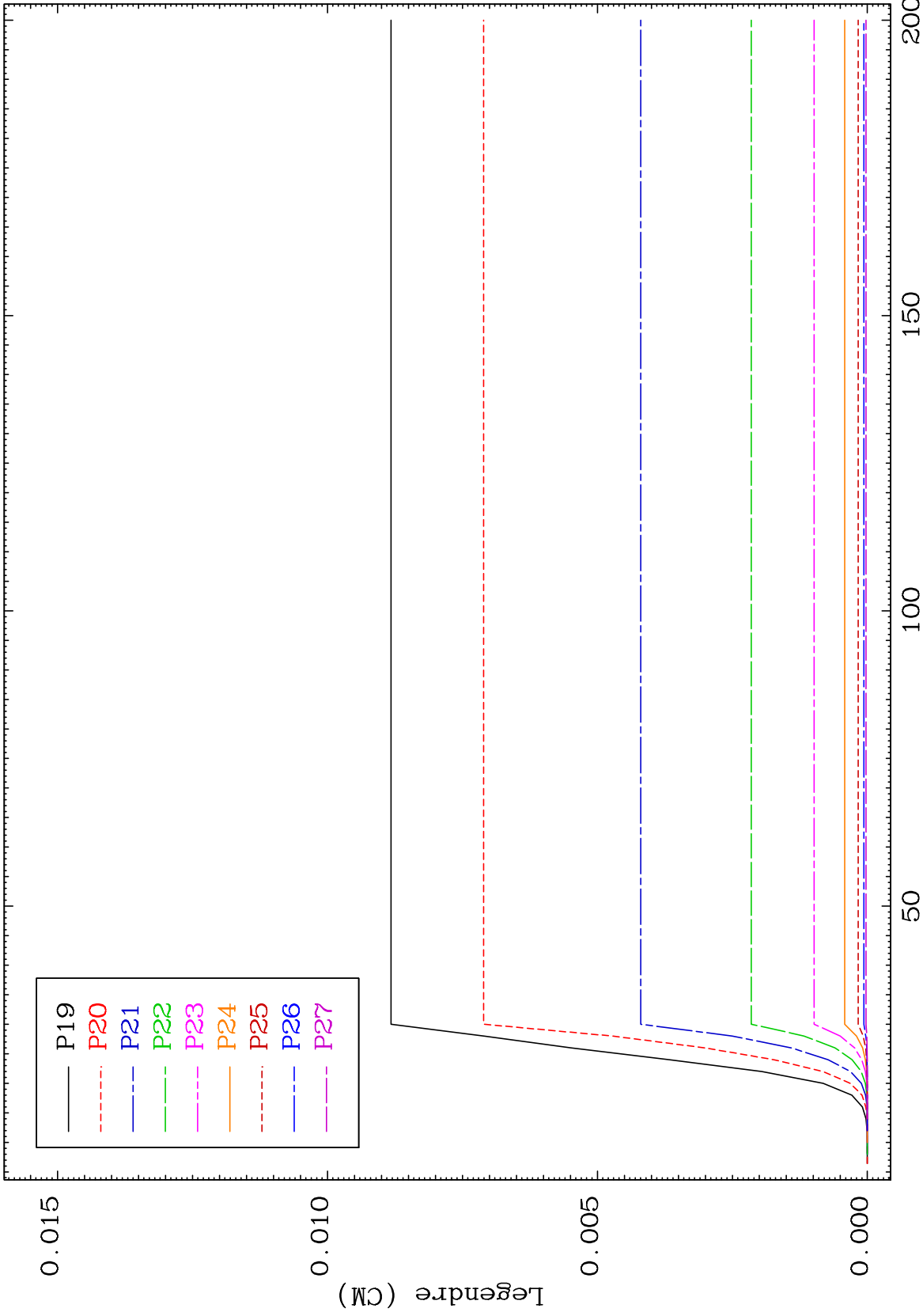
21

58-Ce-143

MAT 5846

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

58-Ce-143



22

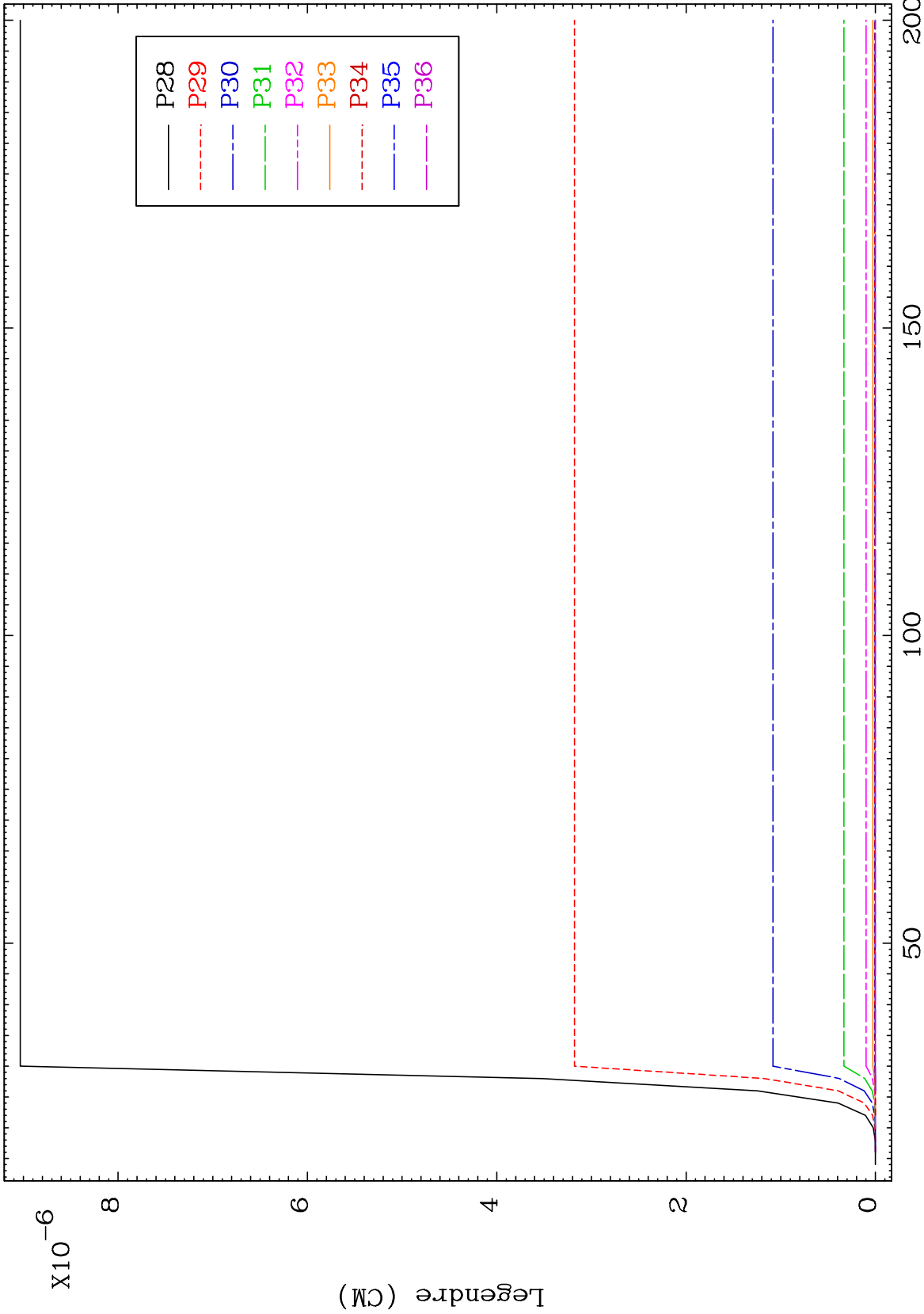
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



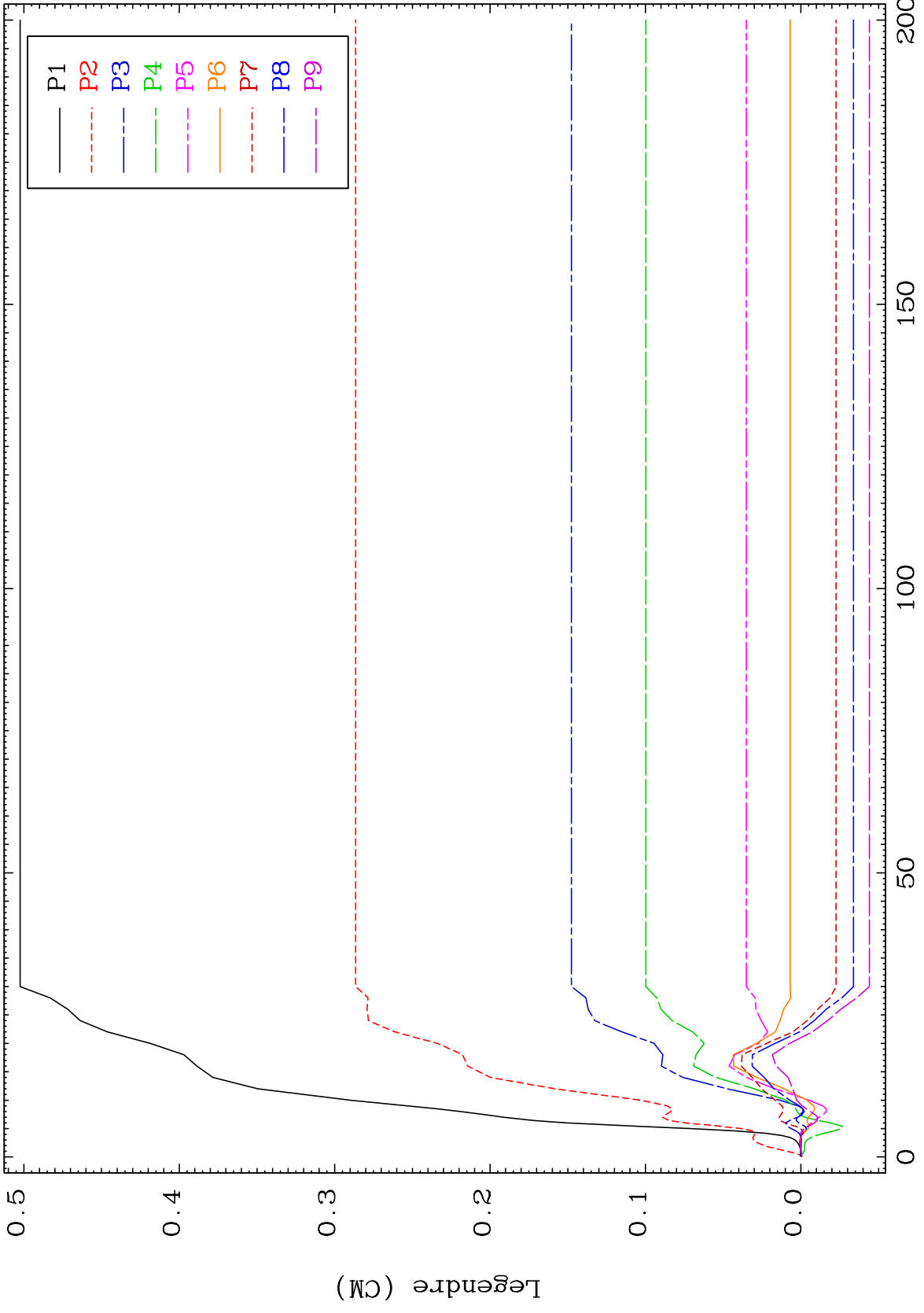
23

58-Ce-143

MAT 5846

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

58-Ce-143



24

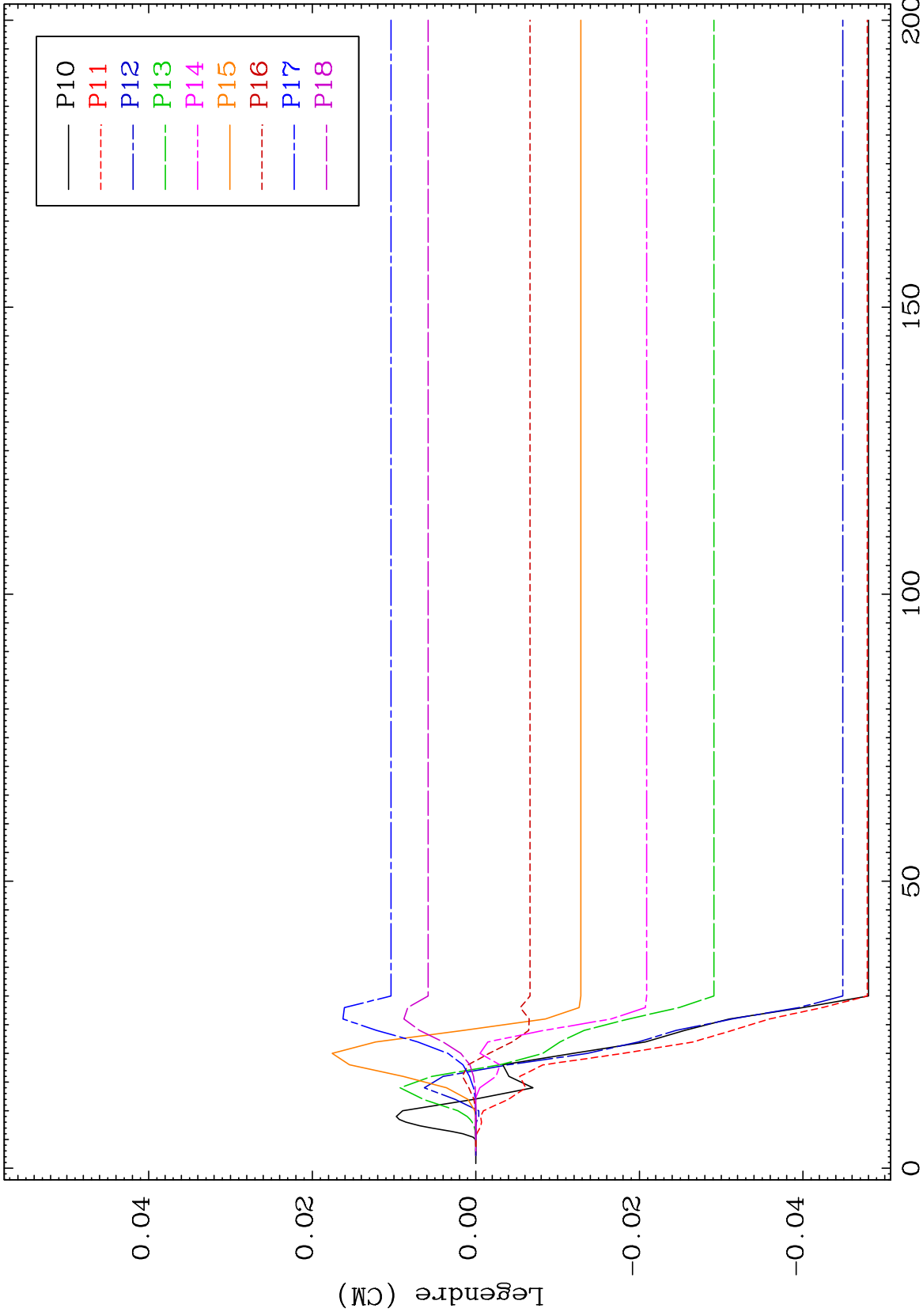
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



25

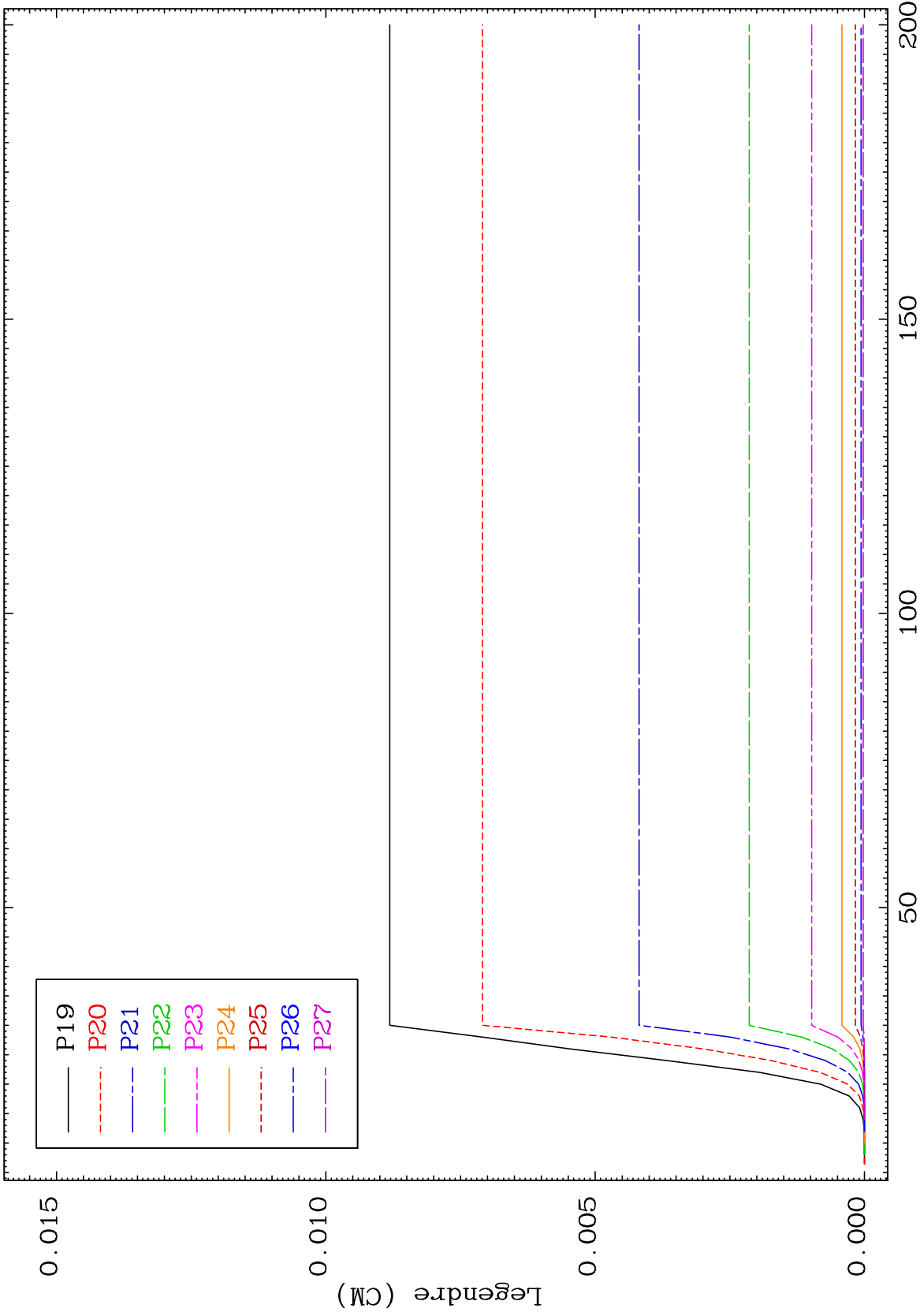
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



26

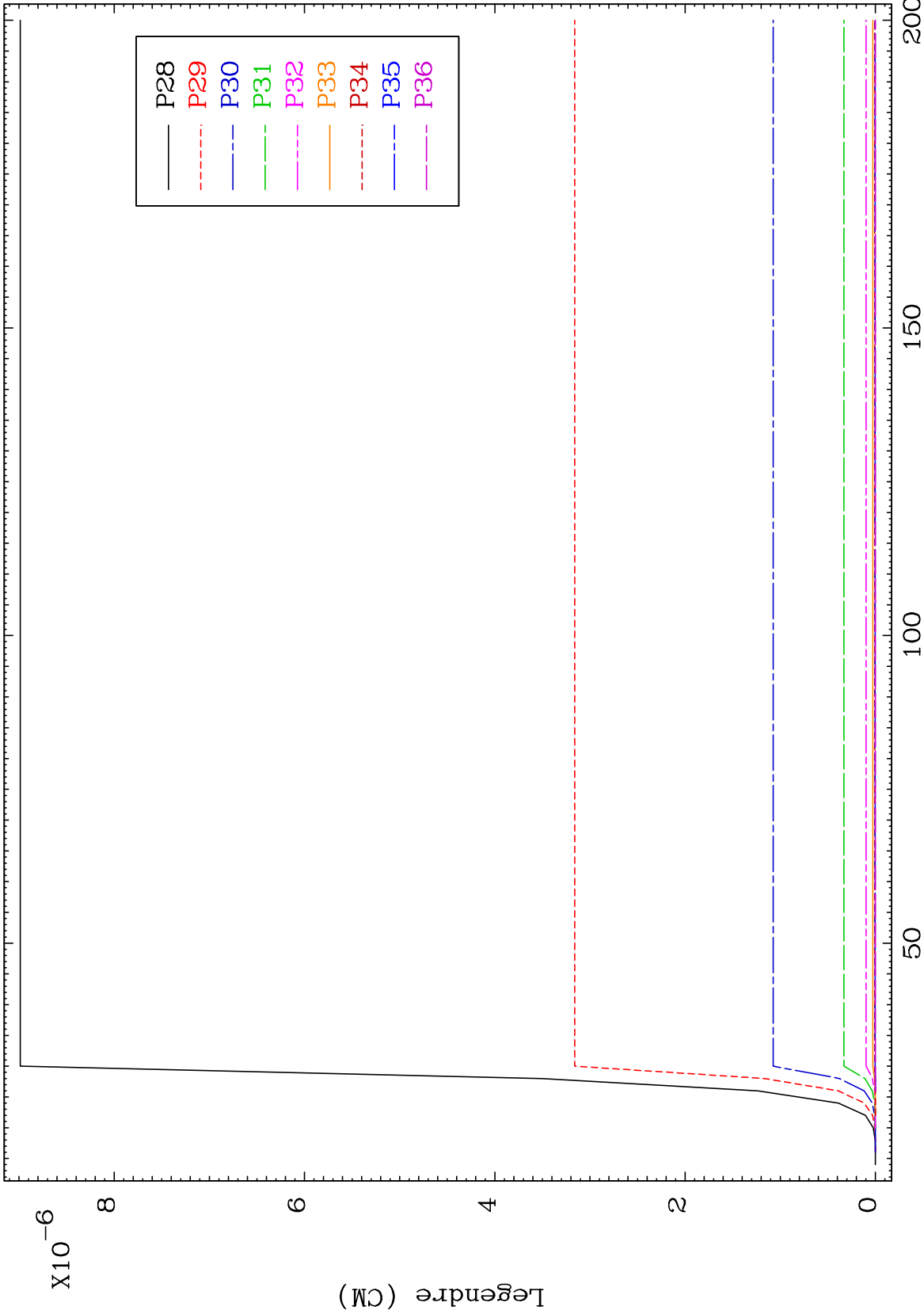
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



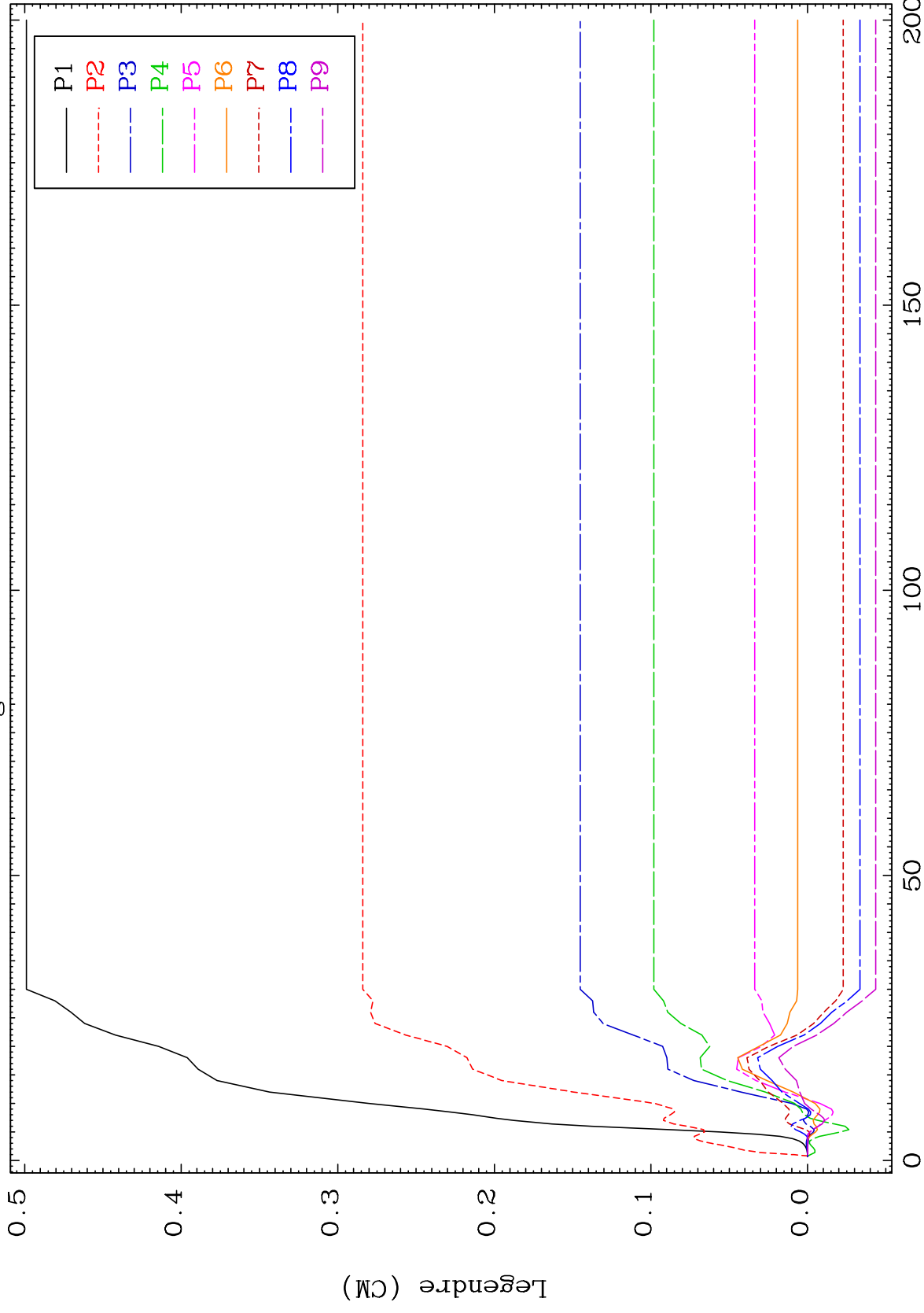
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58-Ce-143

MAT 5846

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

58-Ce-143



28

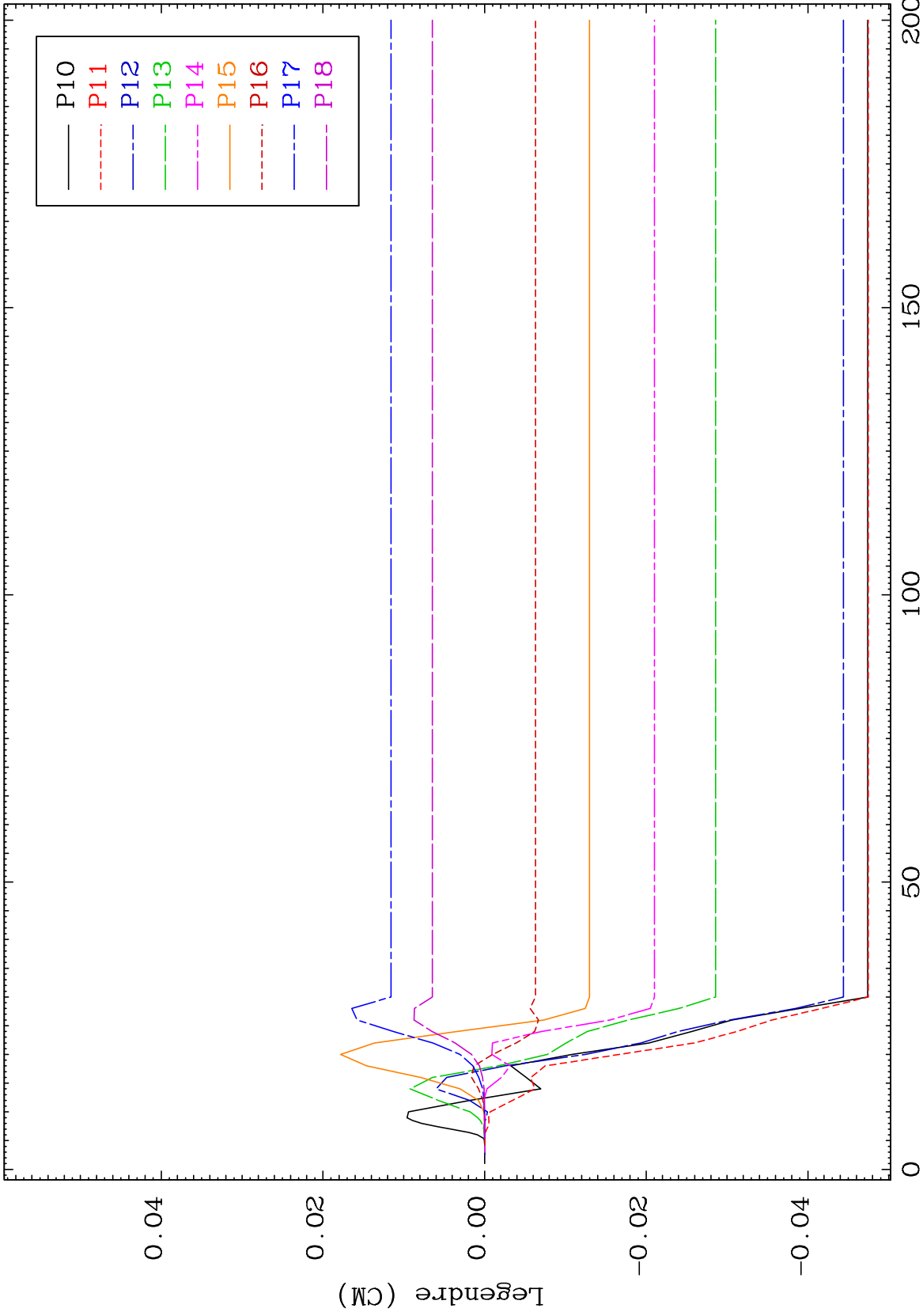
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



29

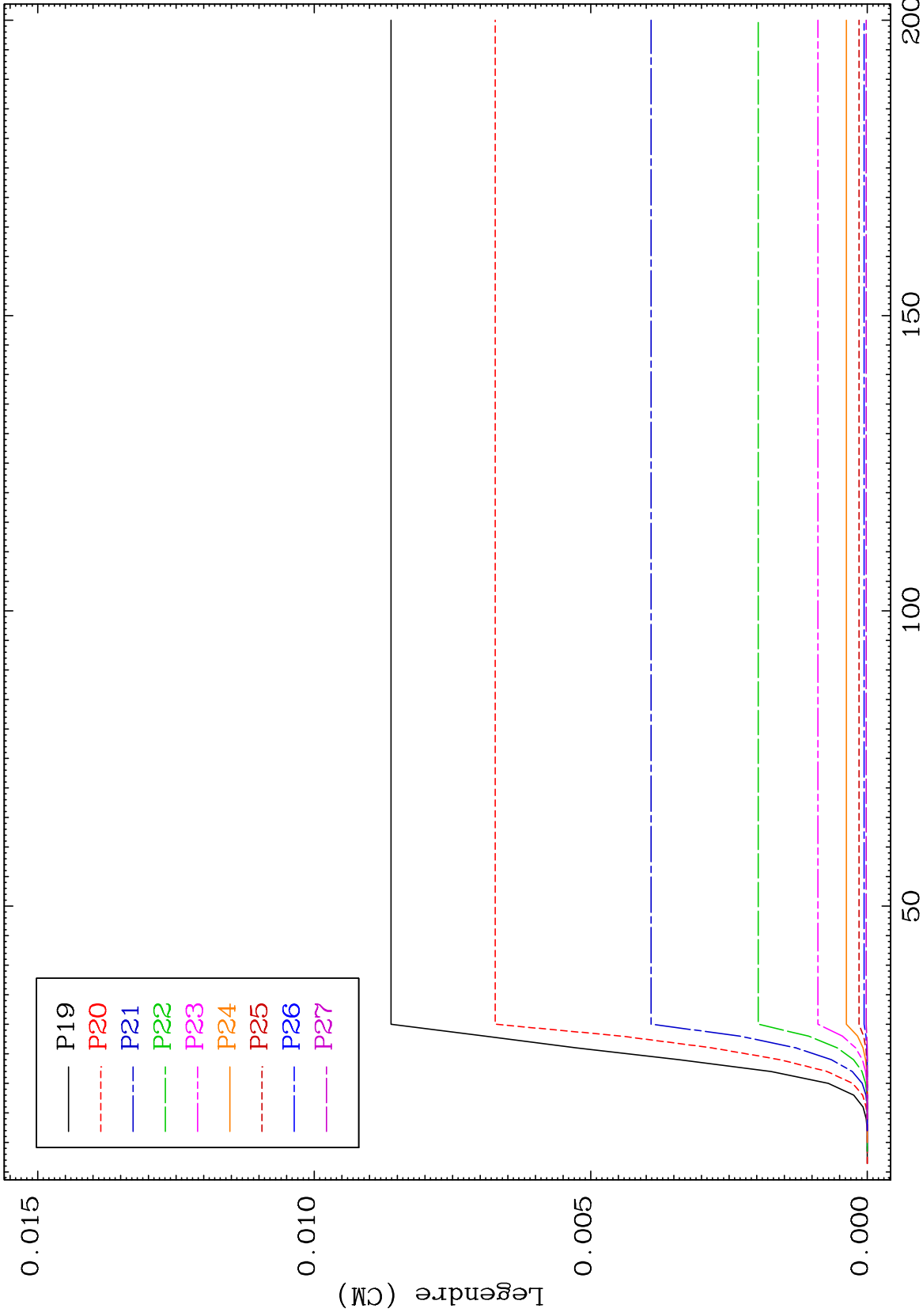
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



30

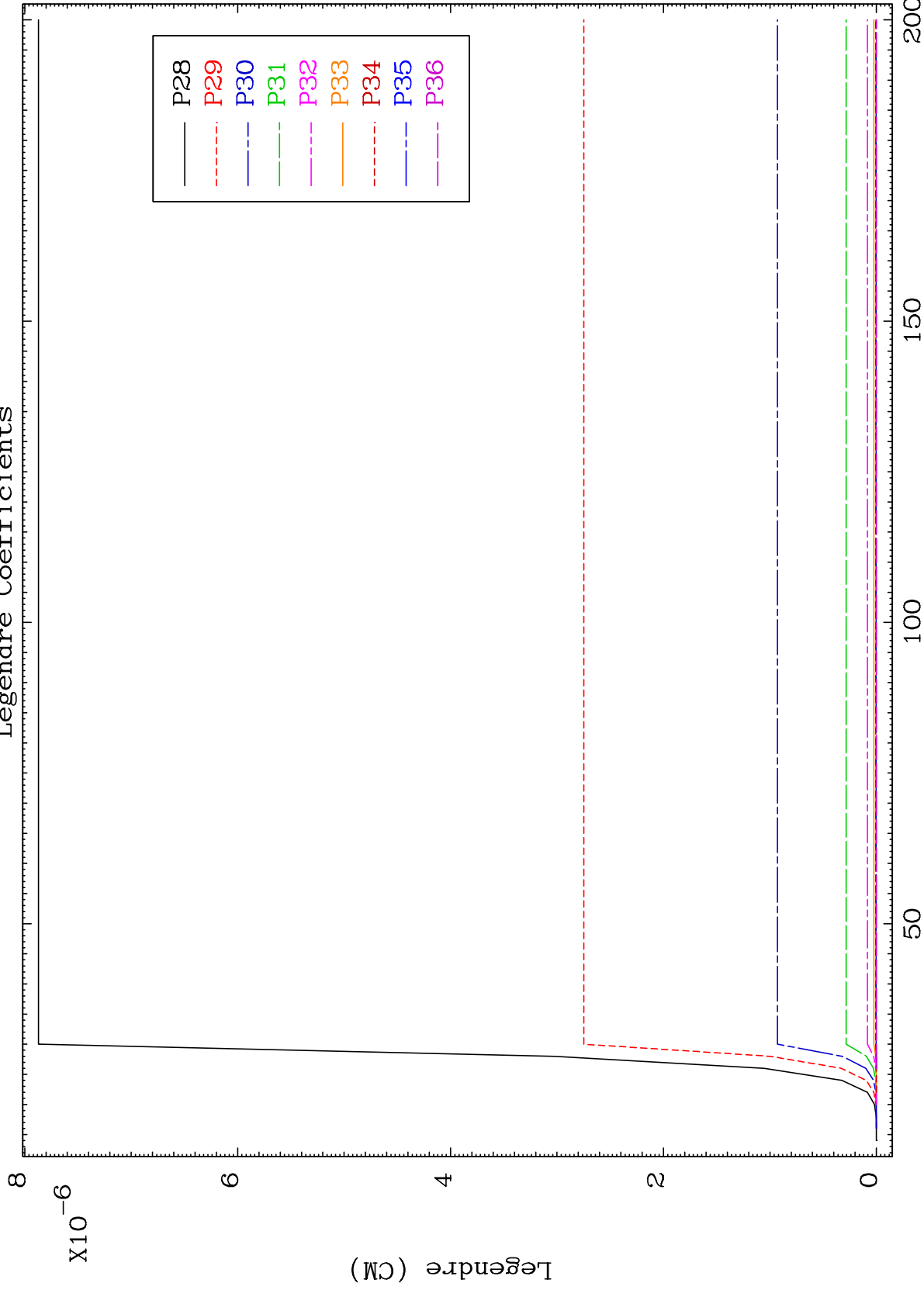
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



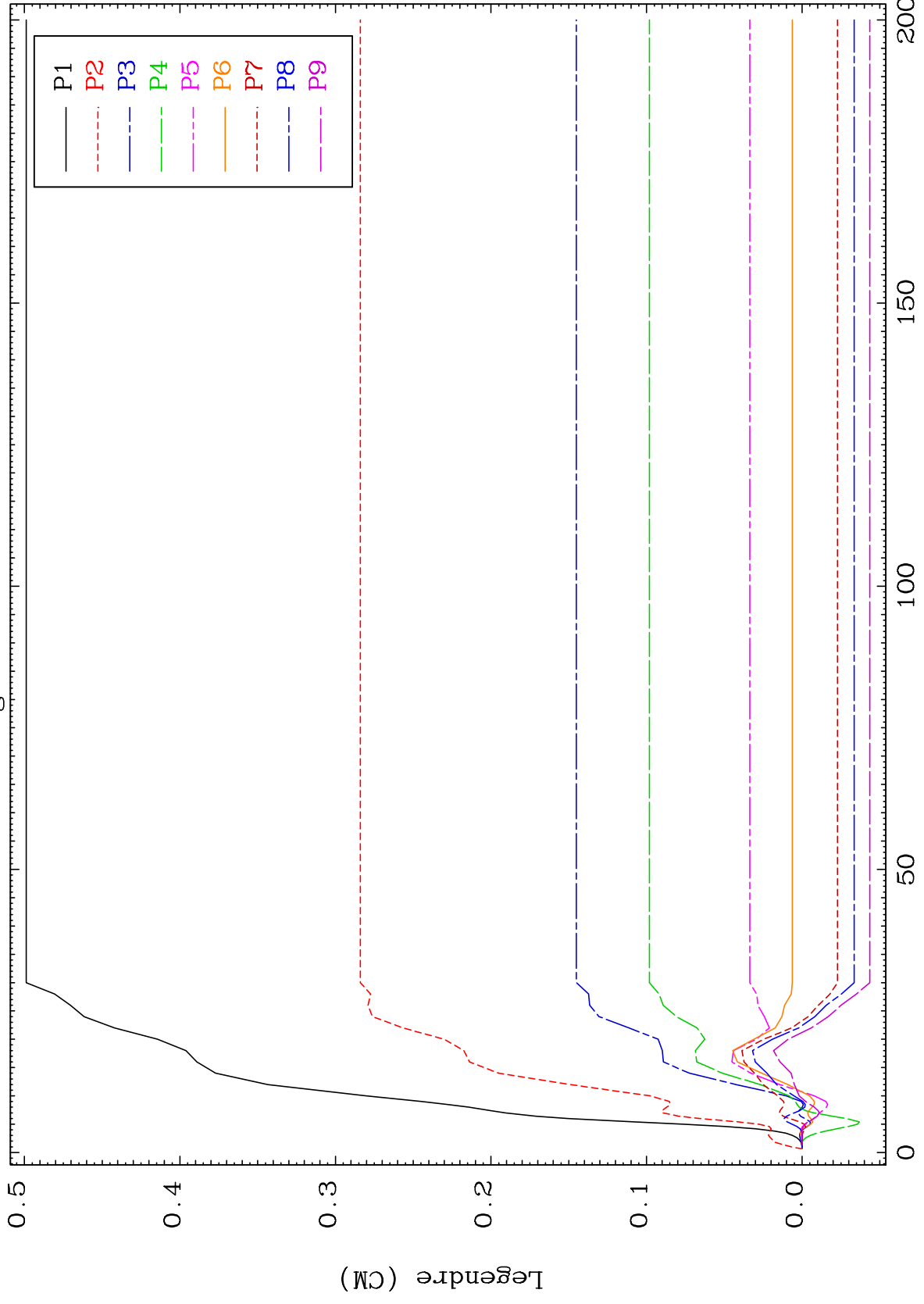
31

58-Ce-143

MAT 5846

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

58-Ce-143



32

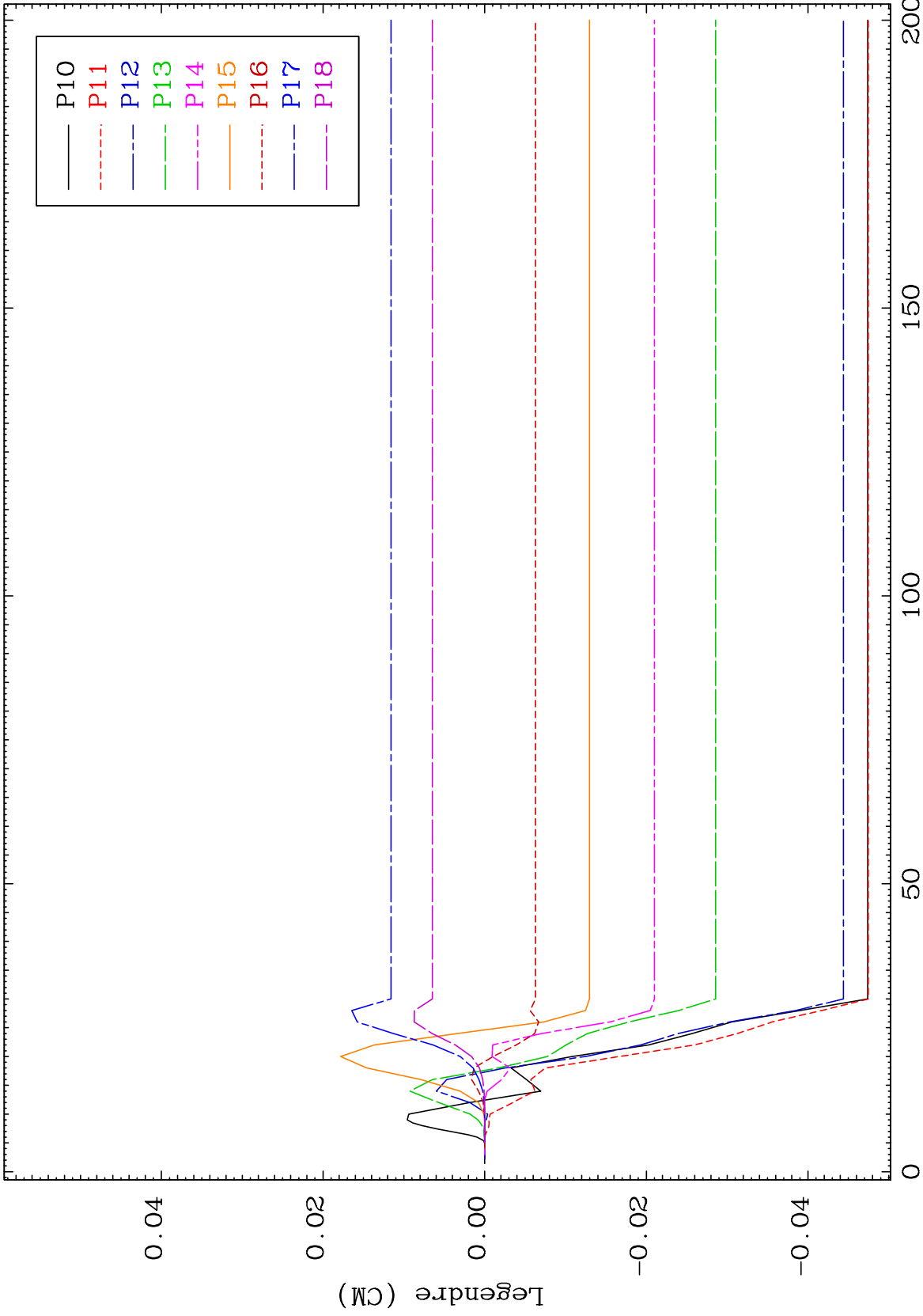
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



33

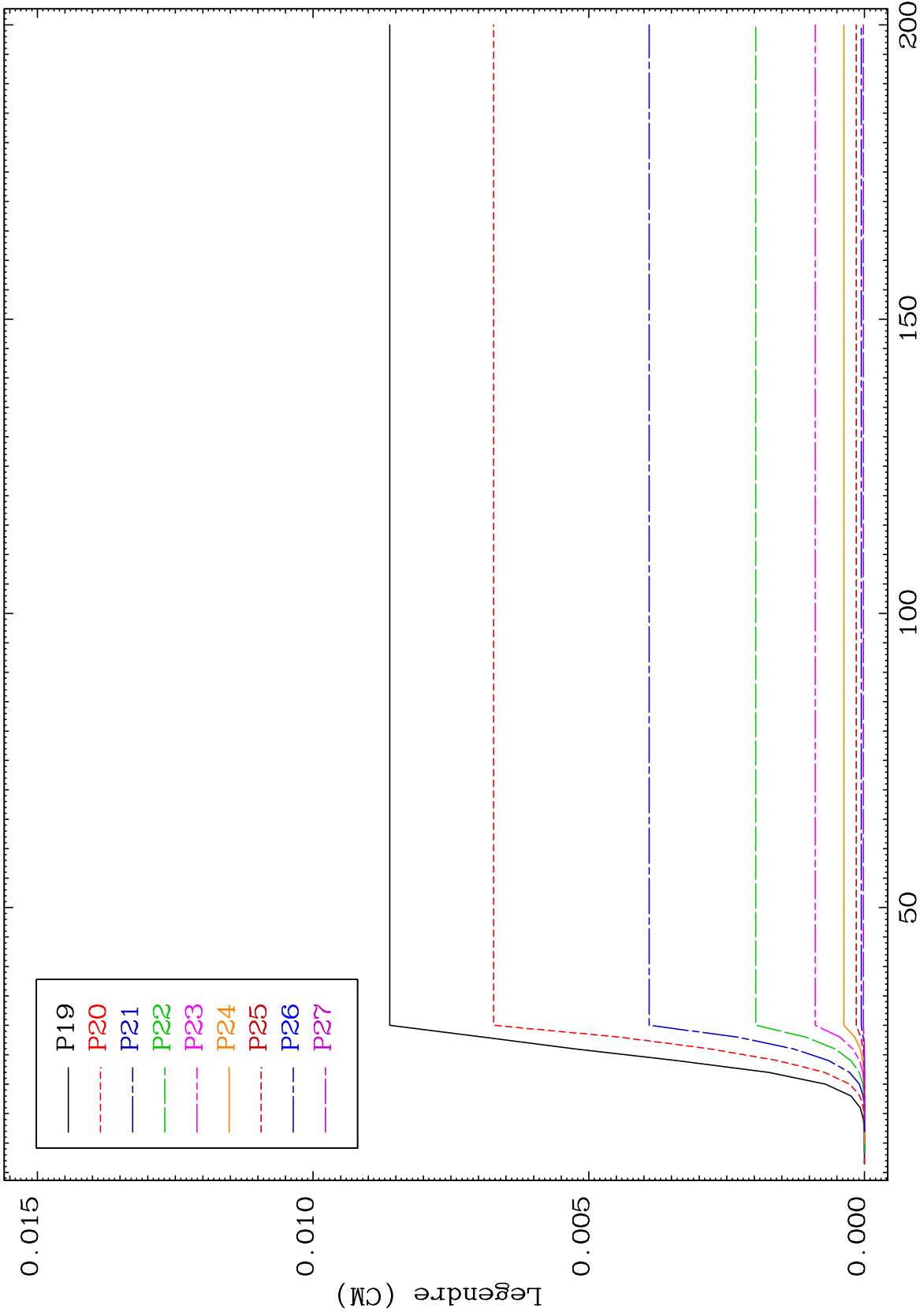
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



34

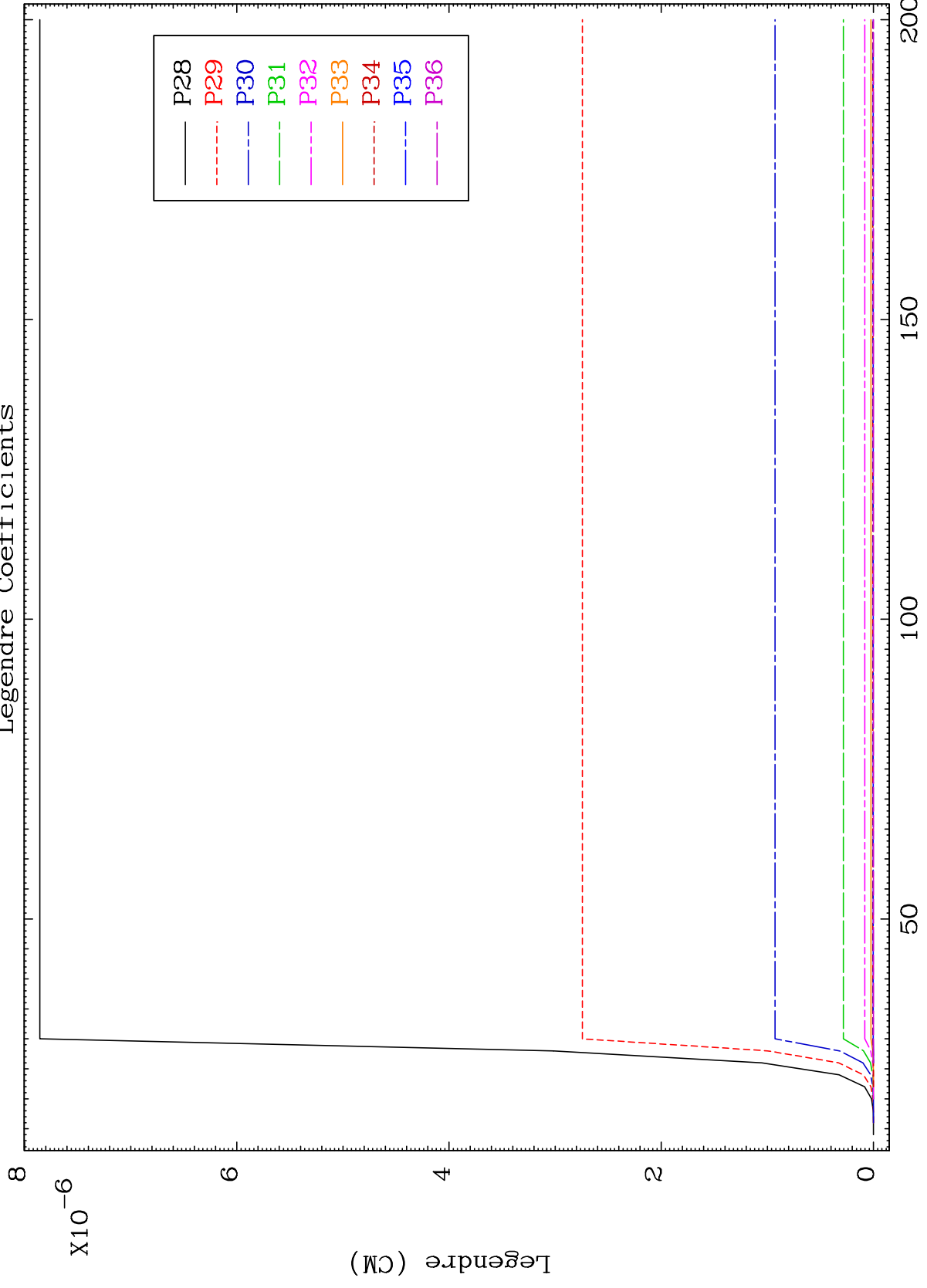
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



35

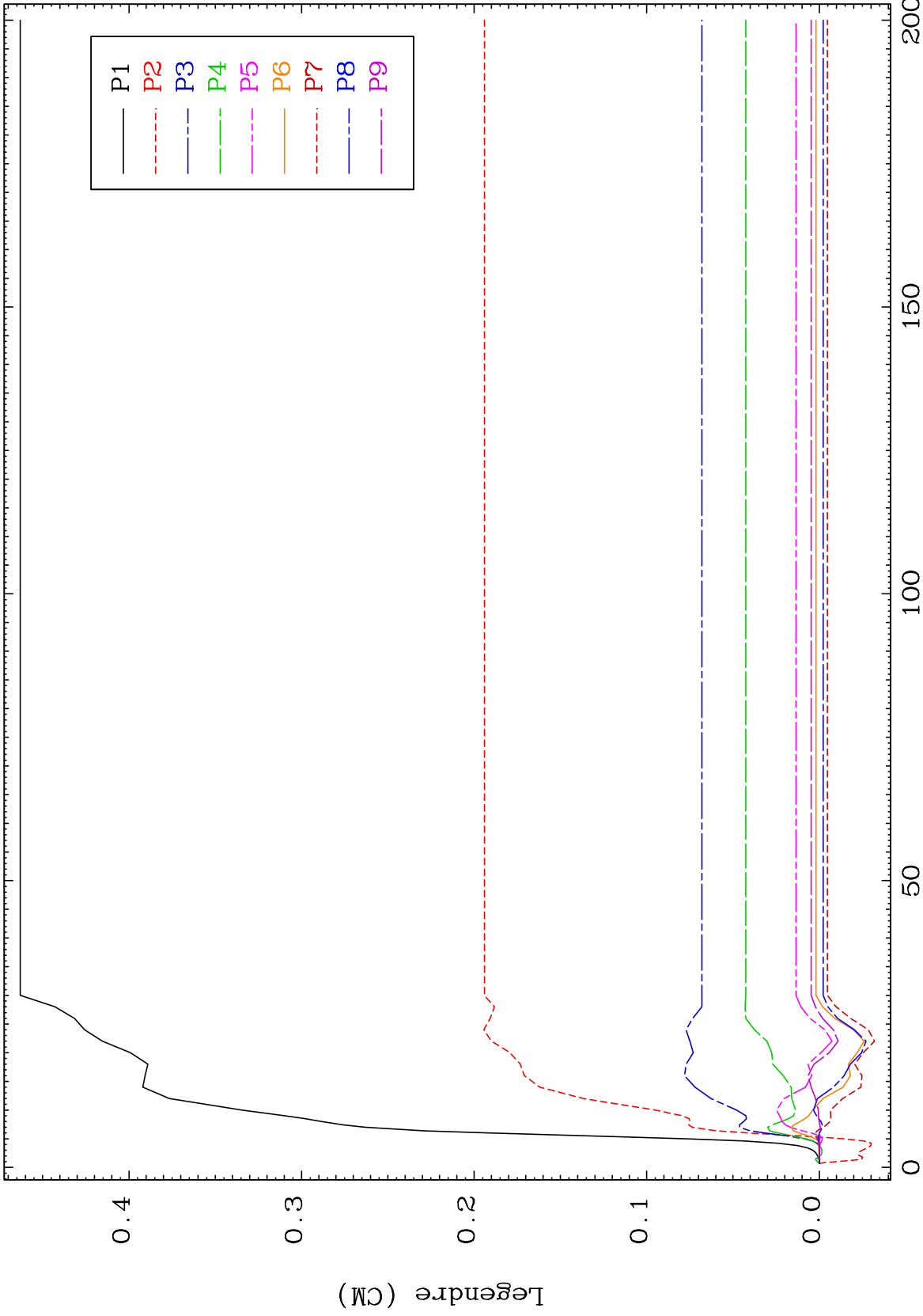
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



36

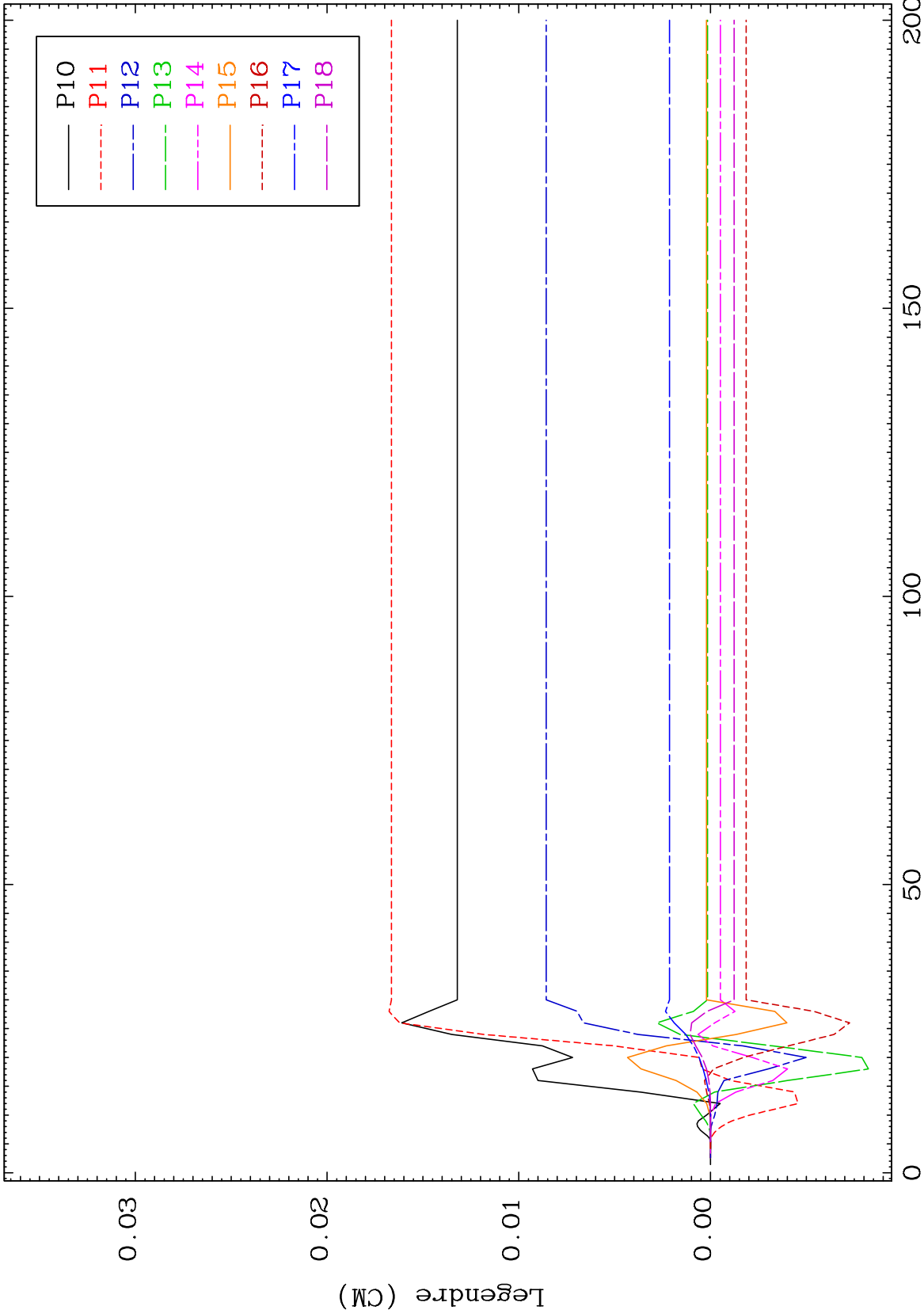
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



37

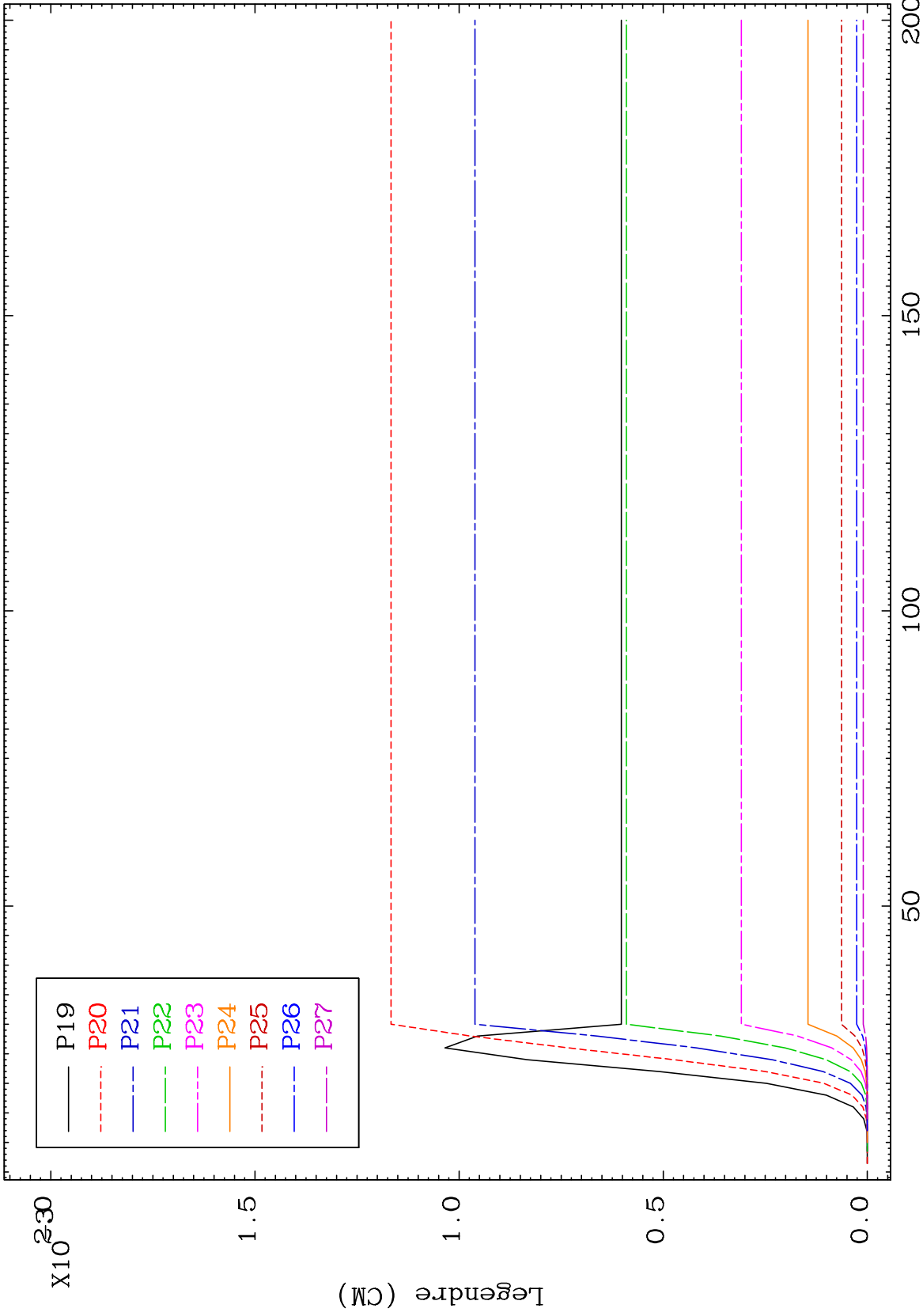
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



38

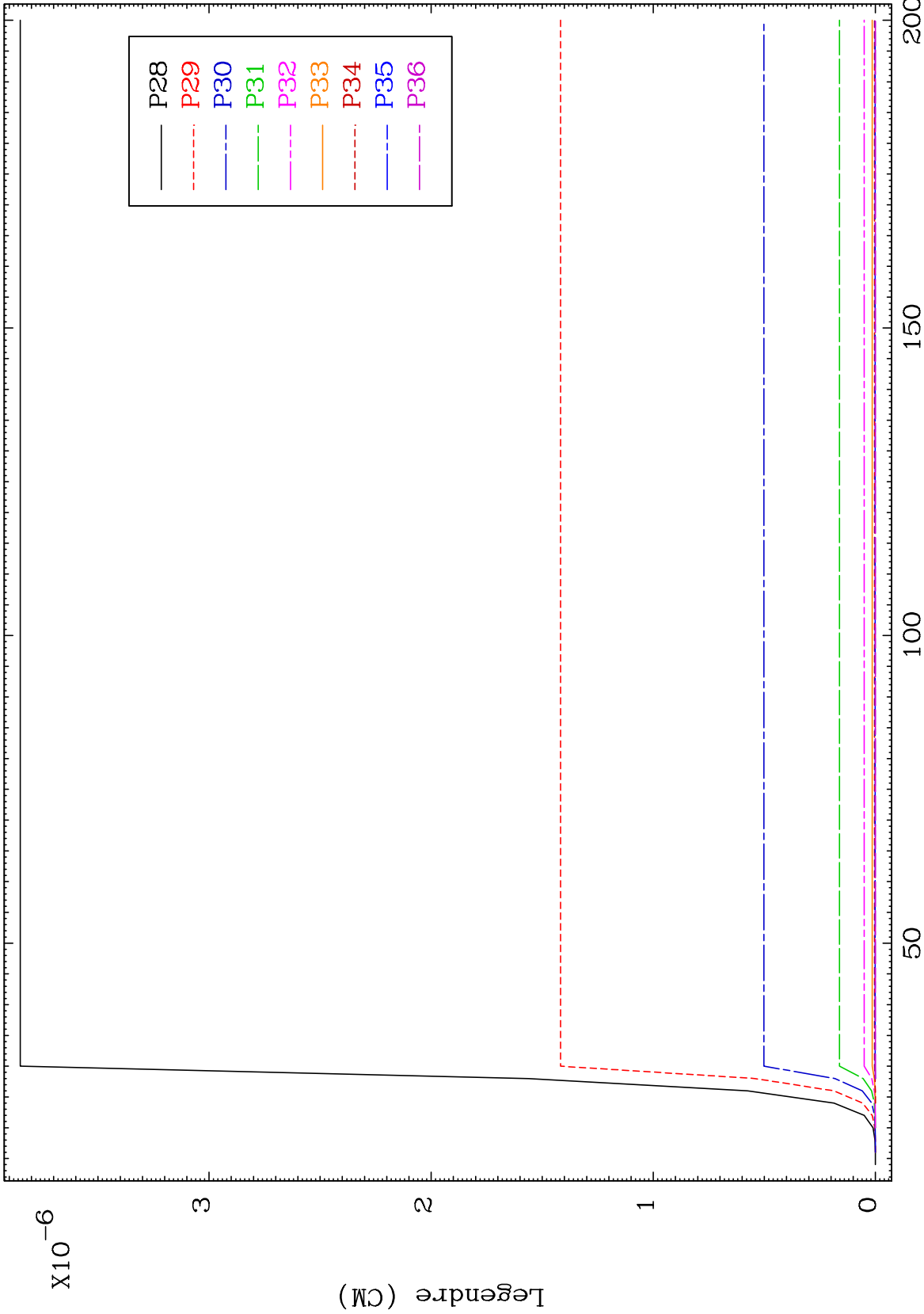
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



39

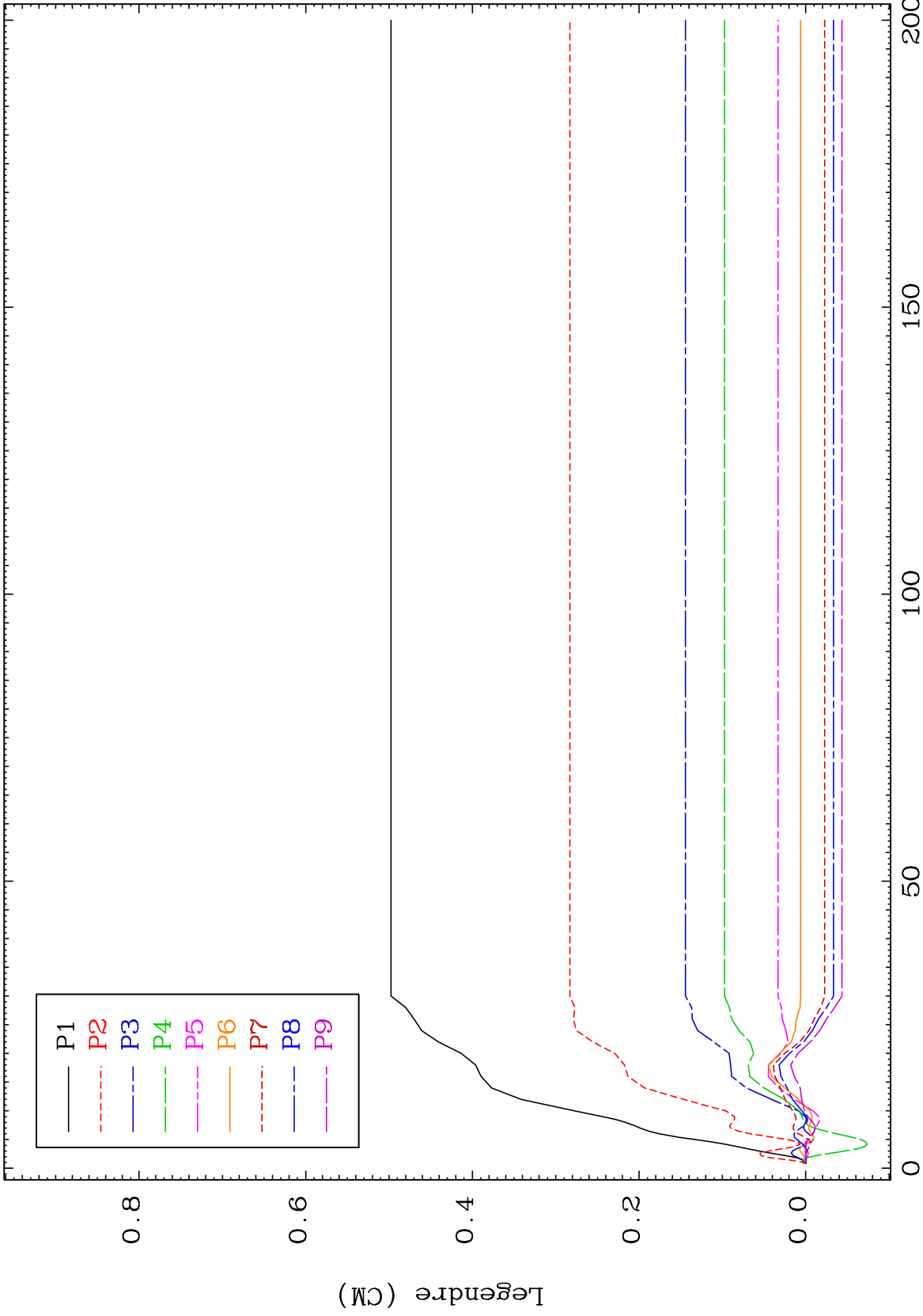
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



40

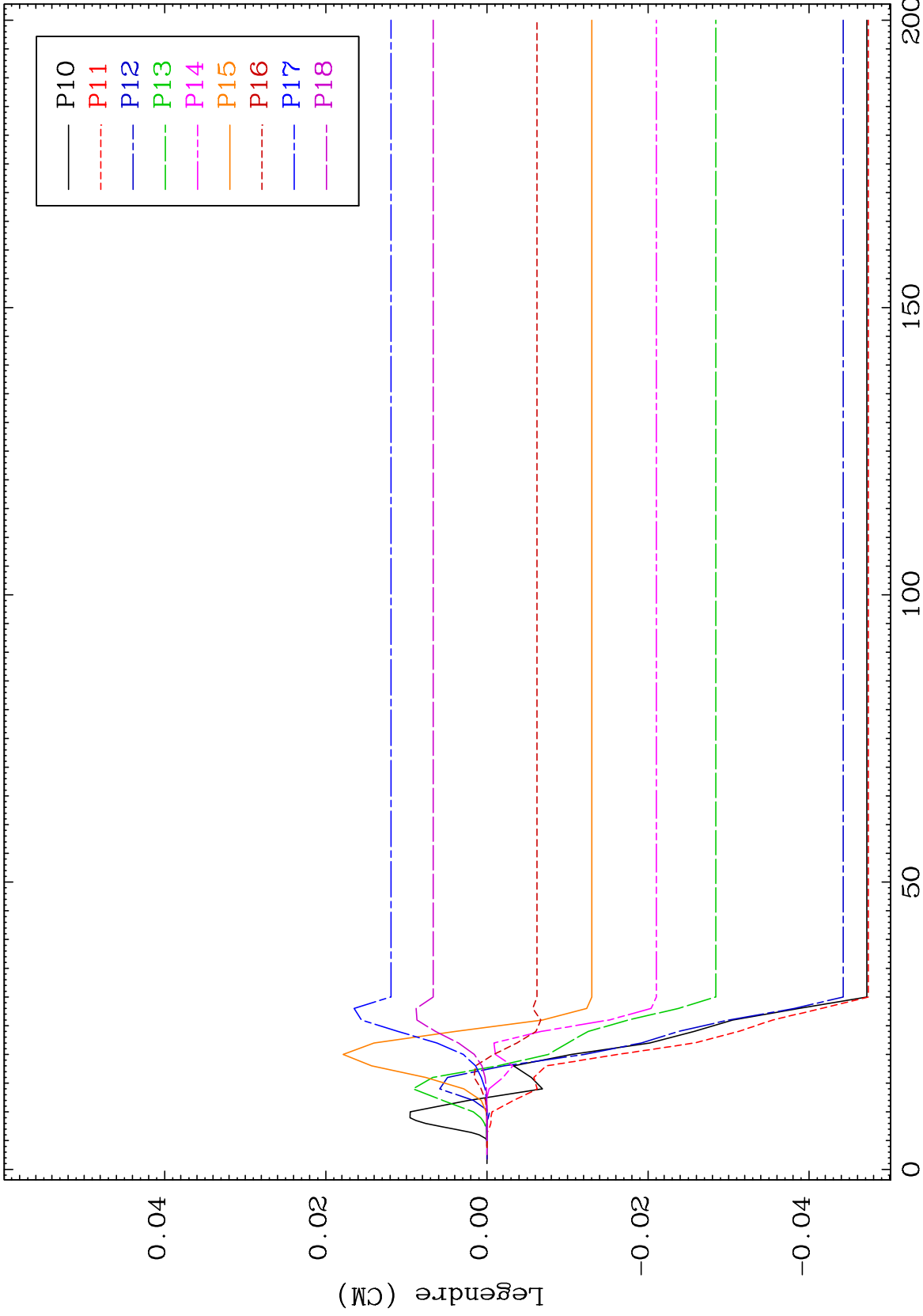
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



41

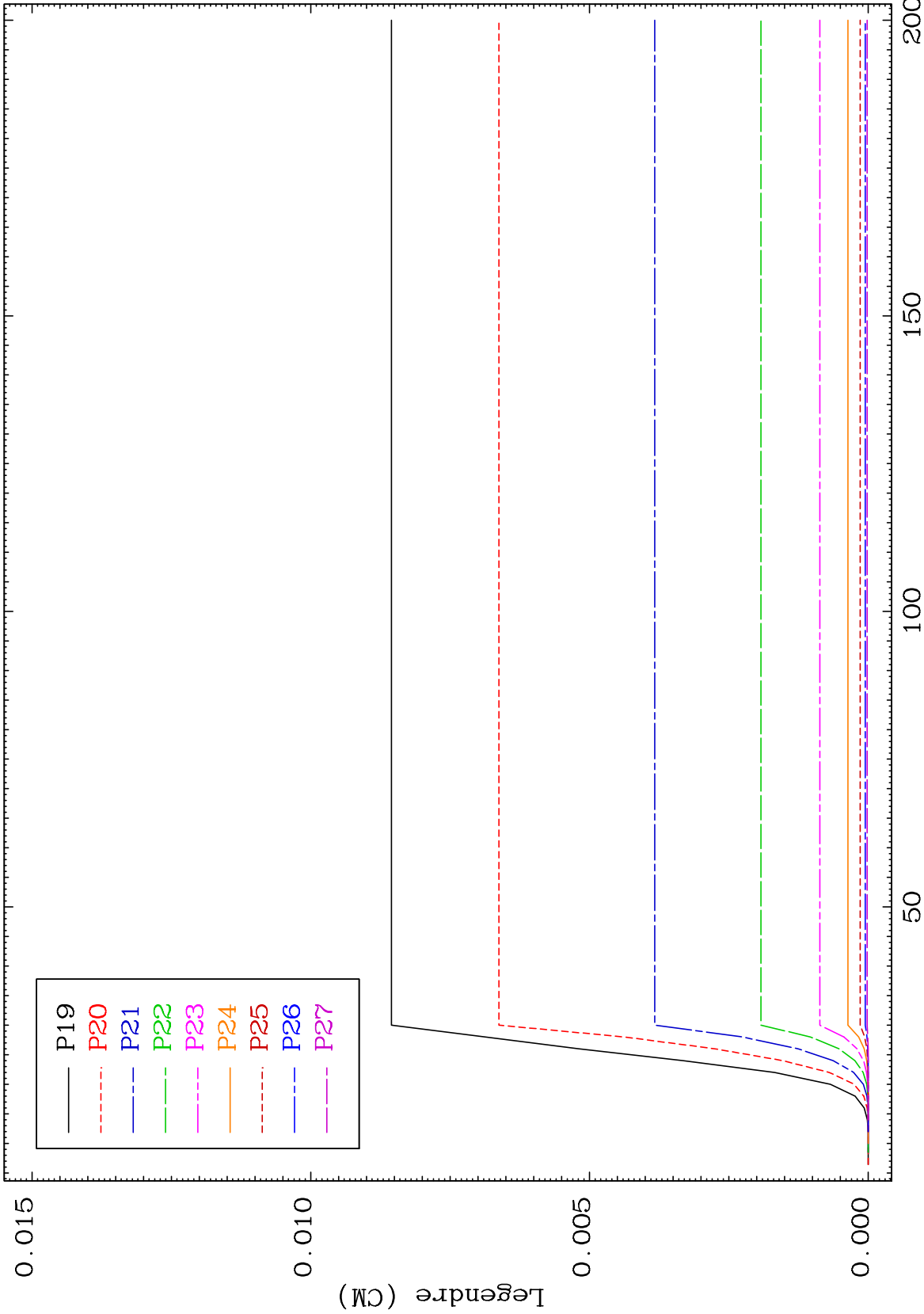
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



42

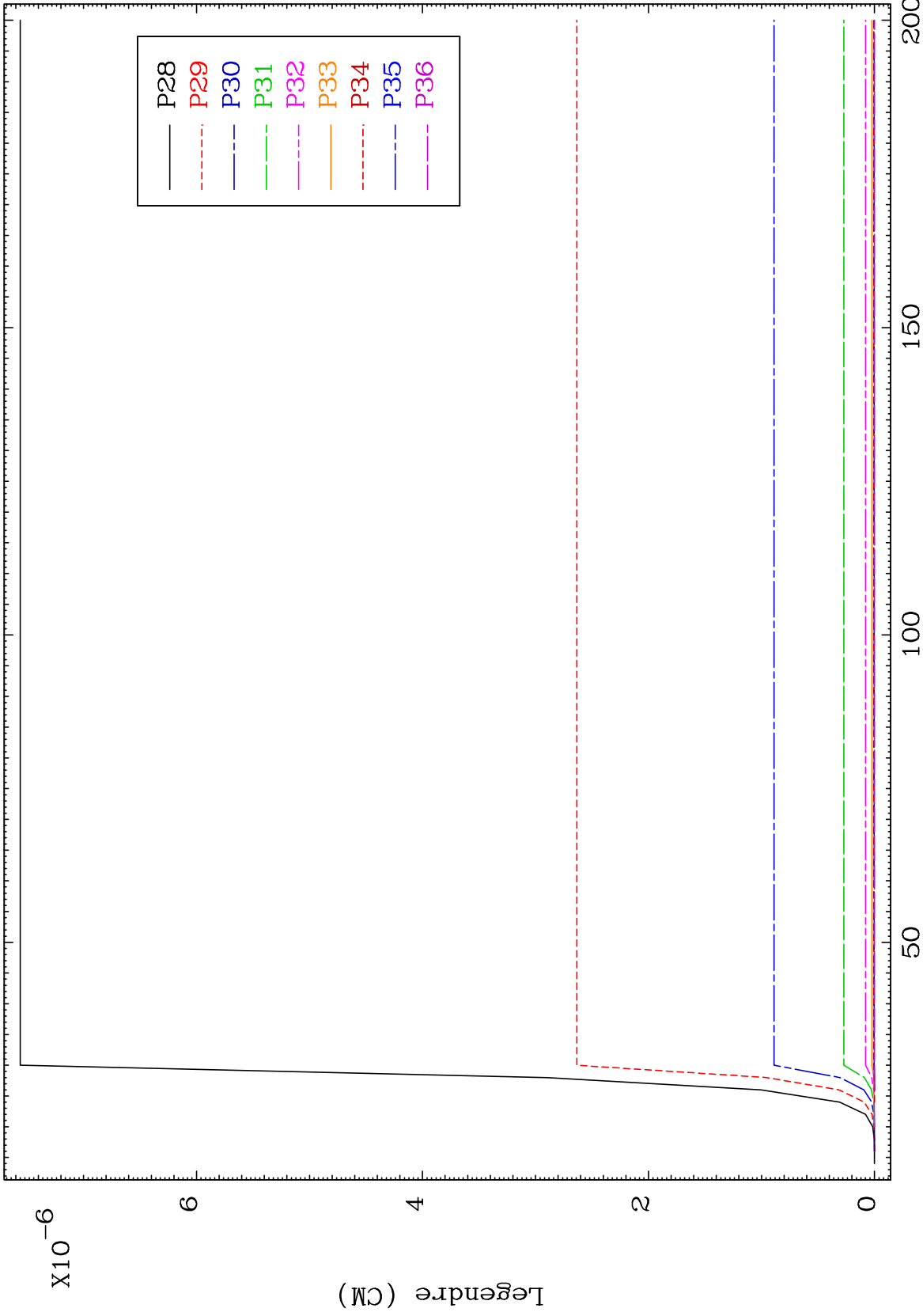
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



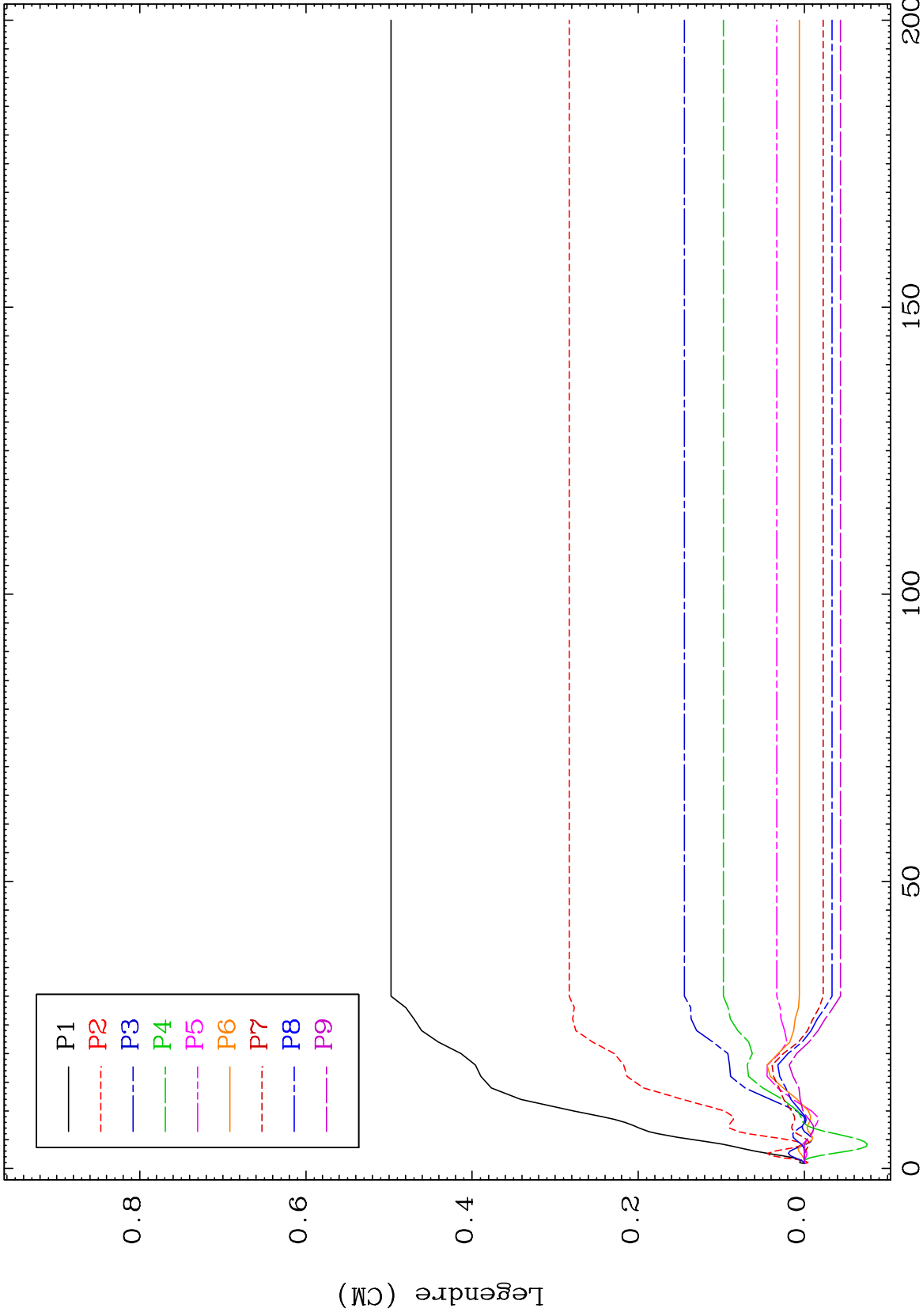
43

58-Ce-143

MAT 5846

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

58-Ce-143



44

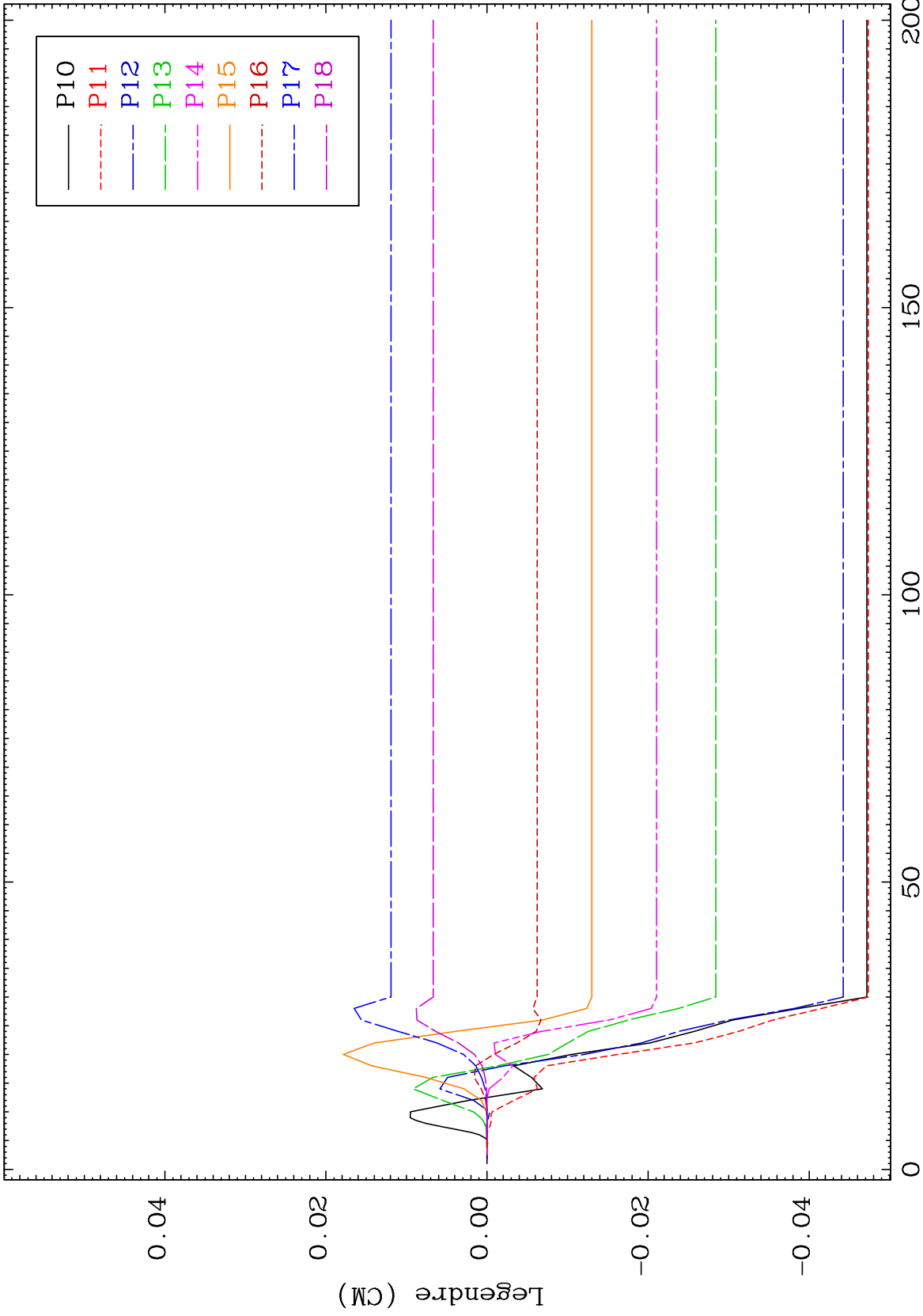
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



45

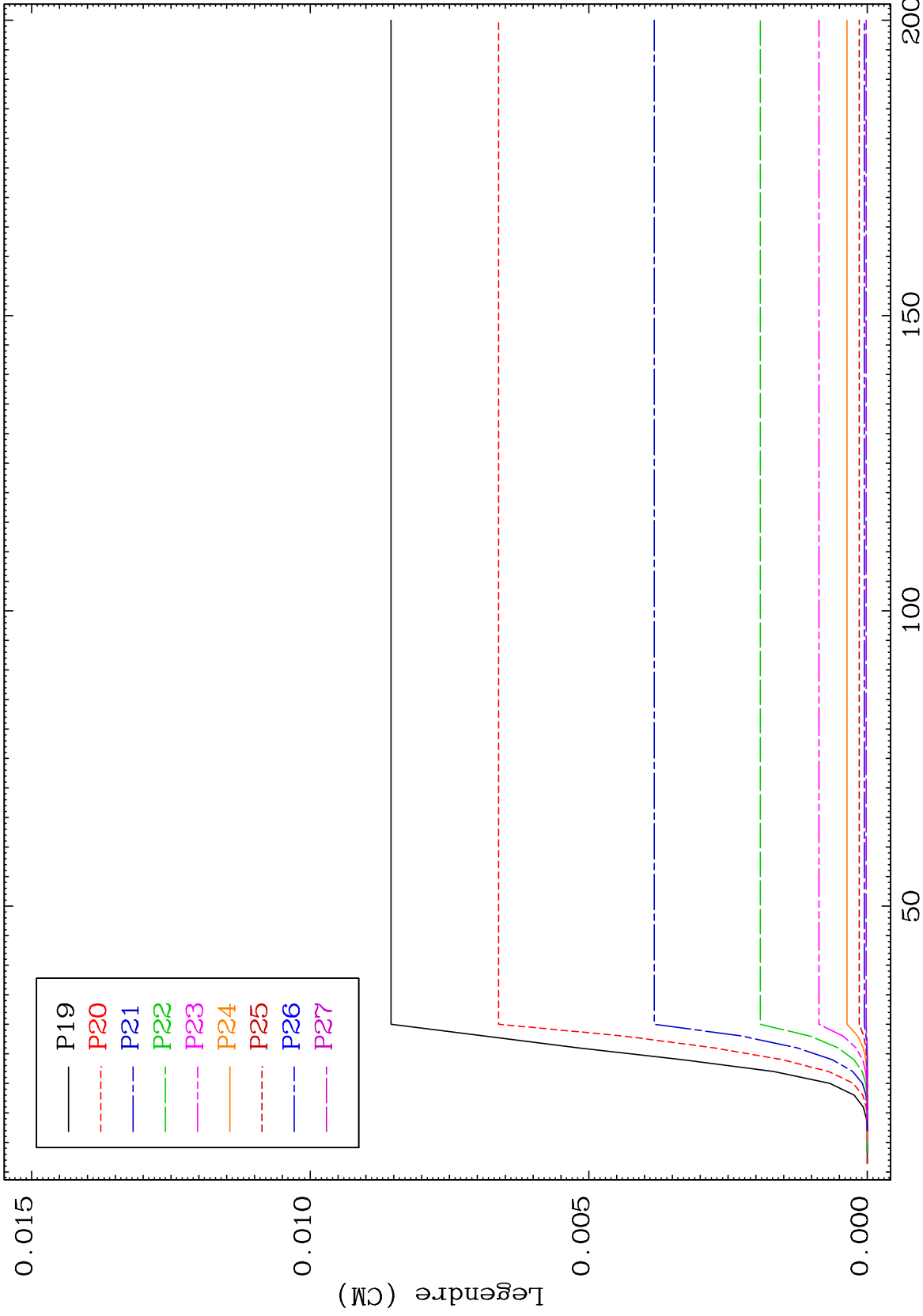
58-Ce-143

58-Ce-143

MAT 5846

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

58-Ce-143



46

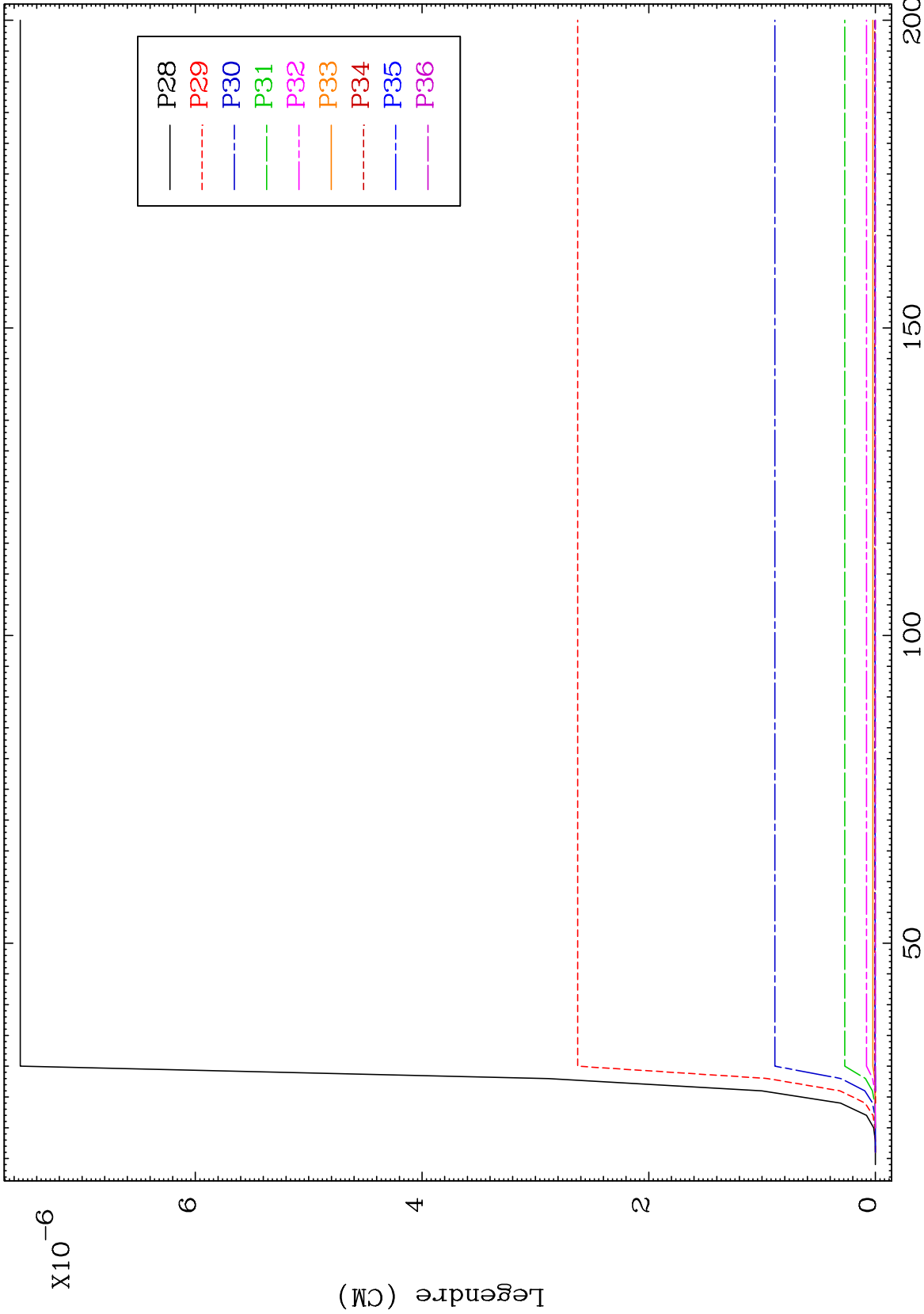
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



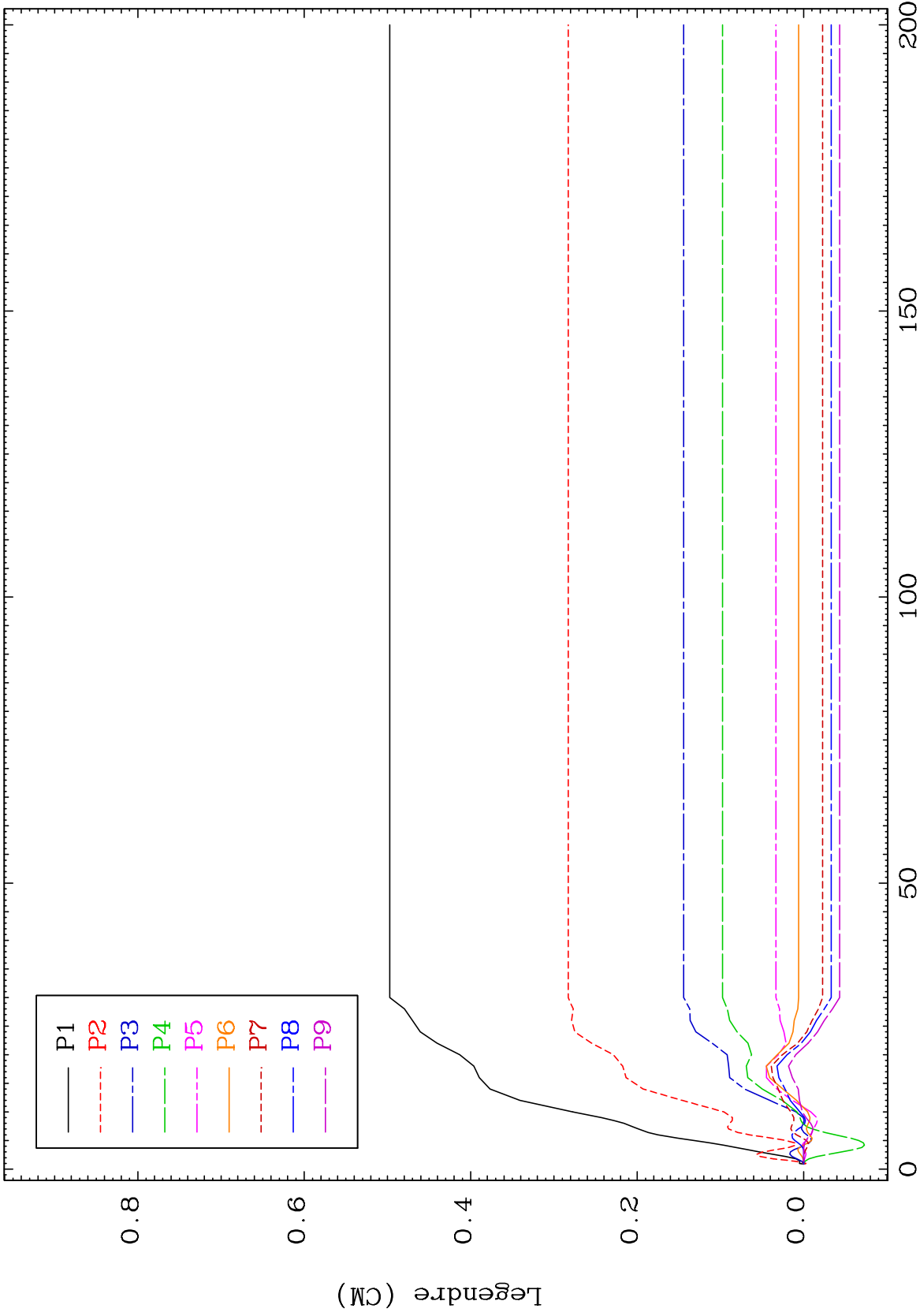
47

58-Ce-143

MAT 5846

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

58-Ce-143



48

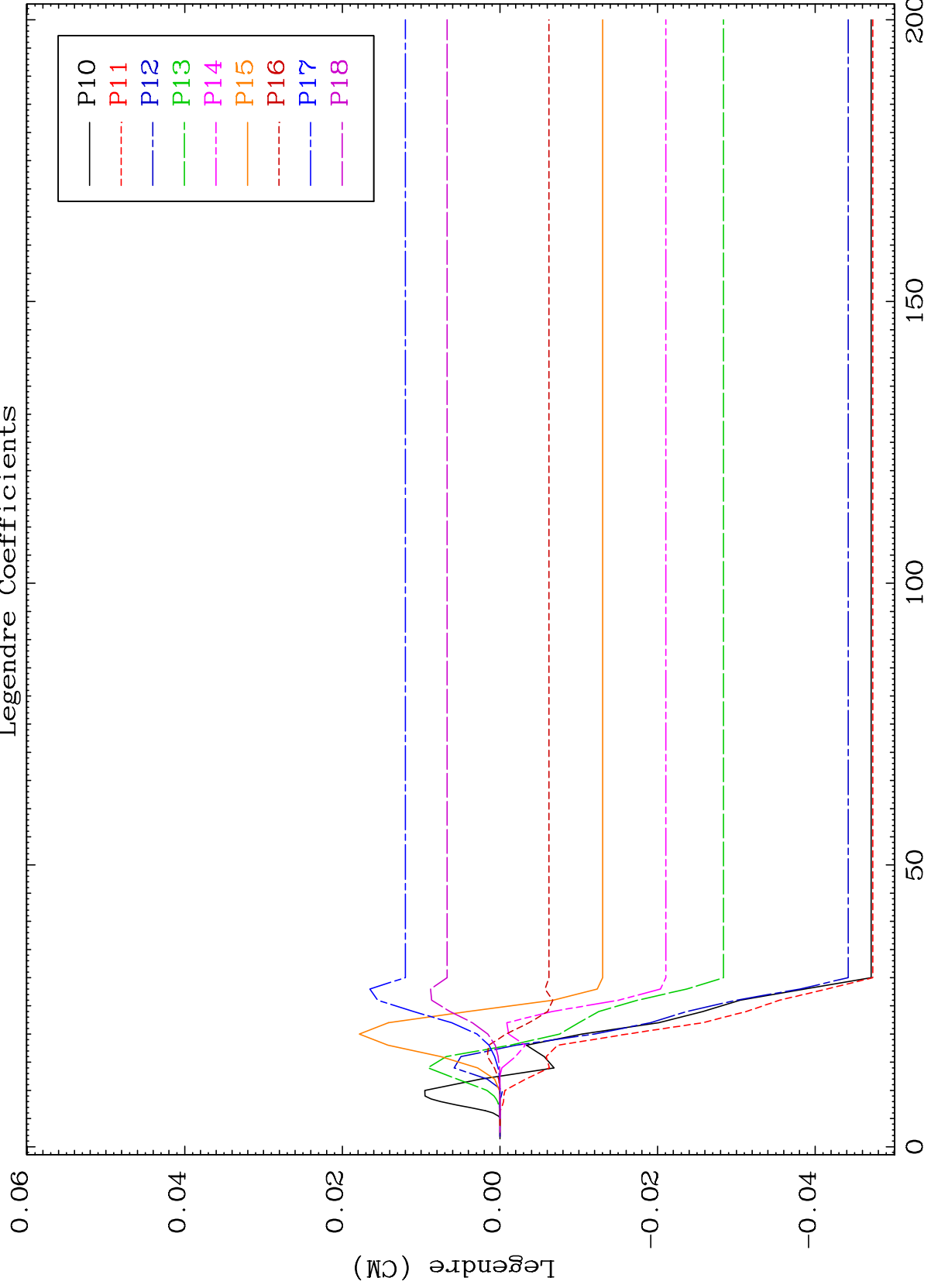
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



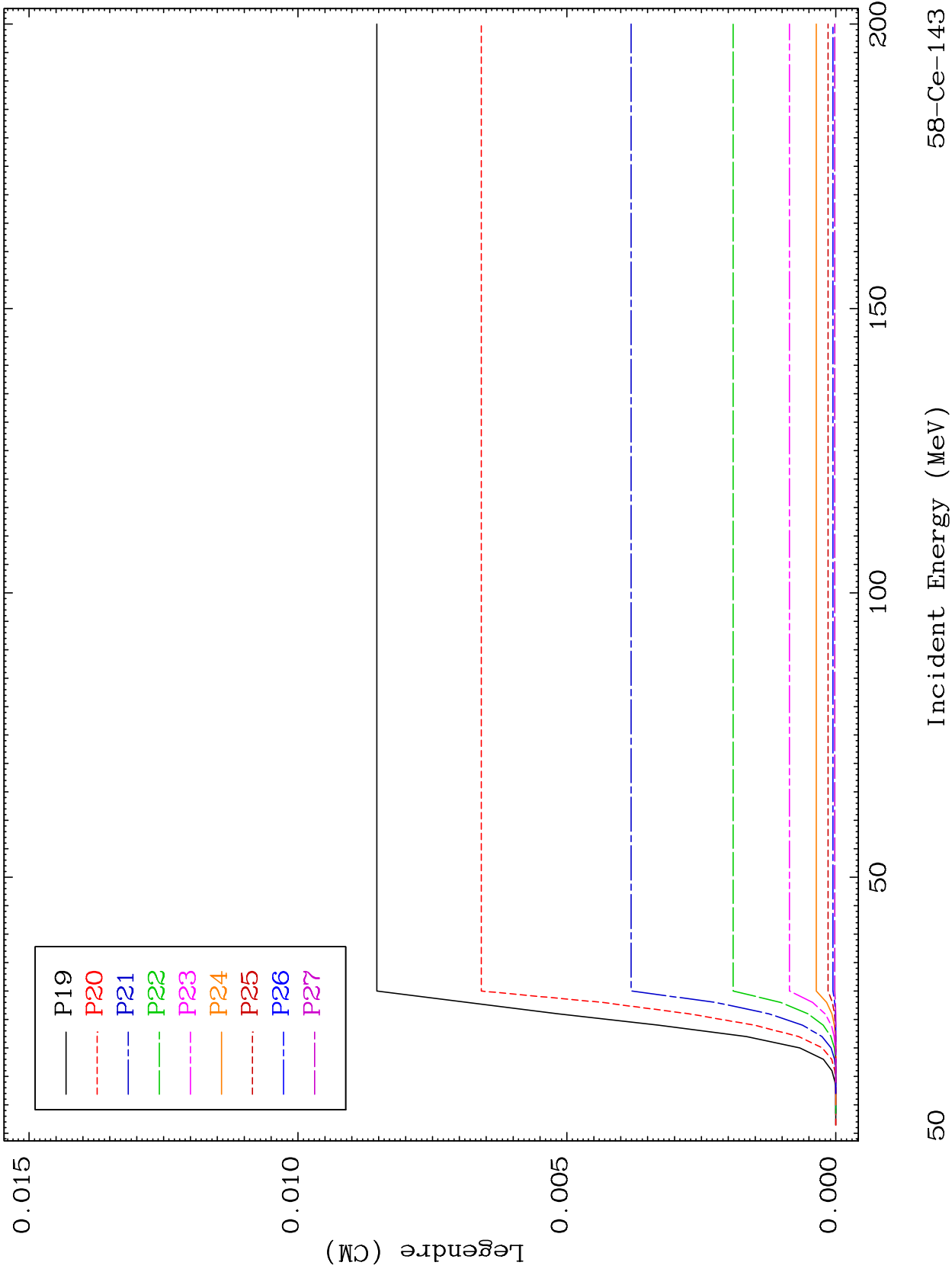
49

58-Ce-143

MAT 5846

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

58-Ce-143

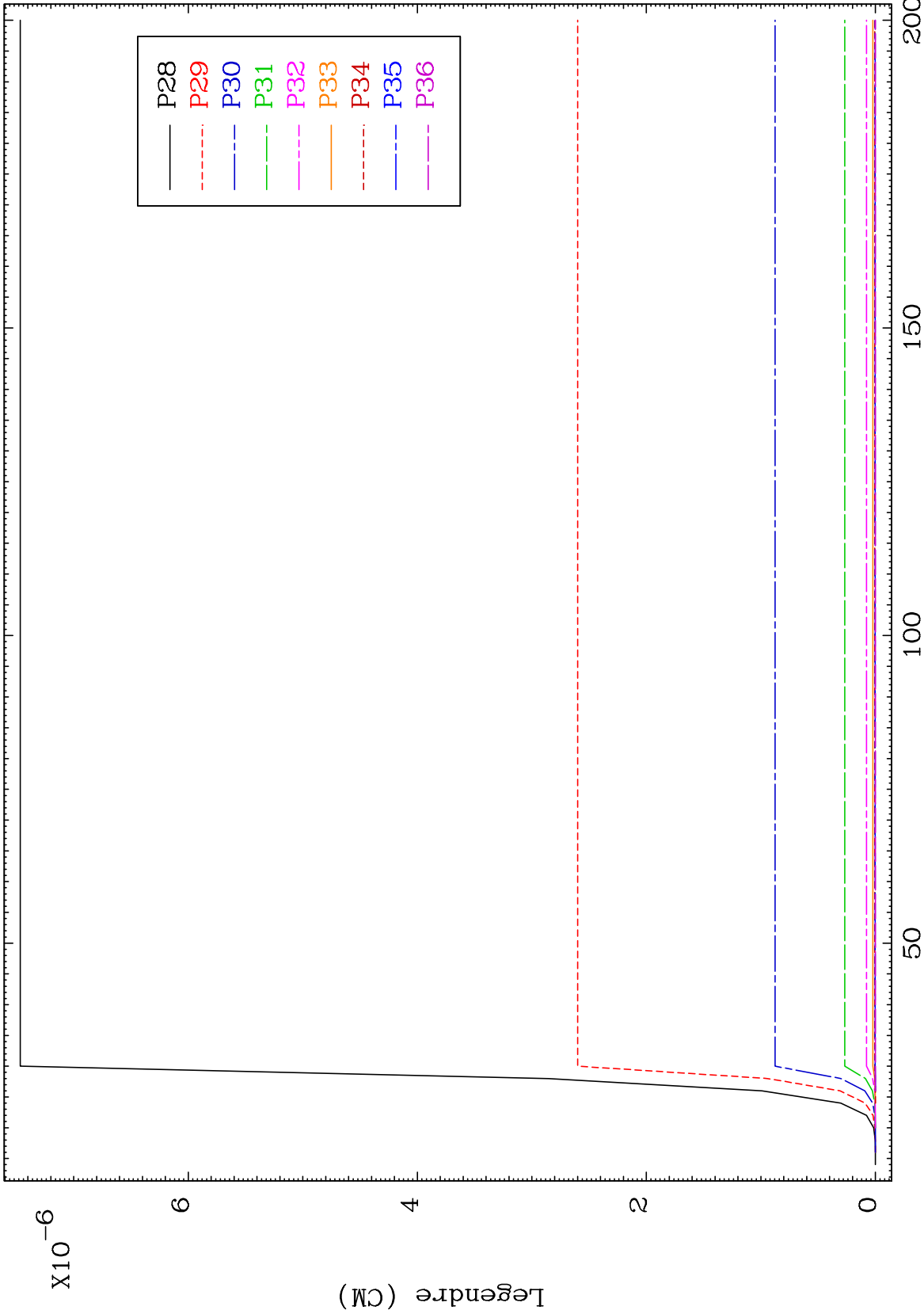


58-Ce-143

MAT 5846

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

58-Ce-143

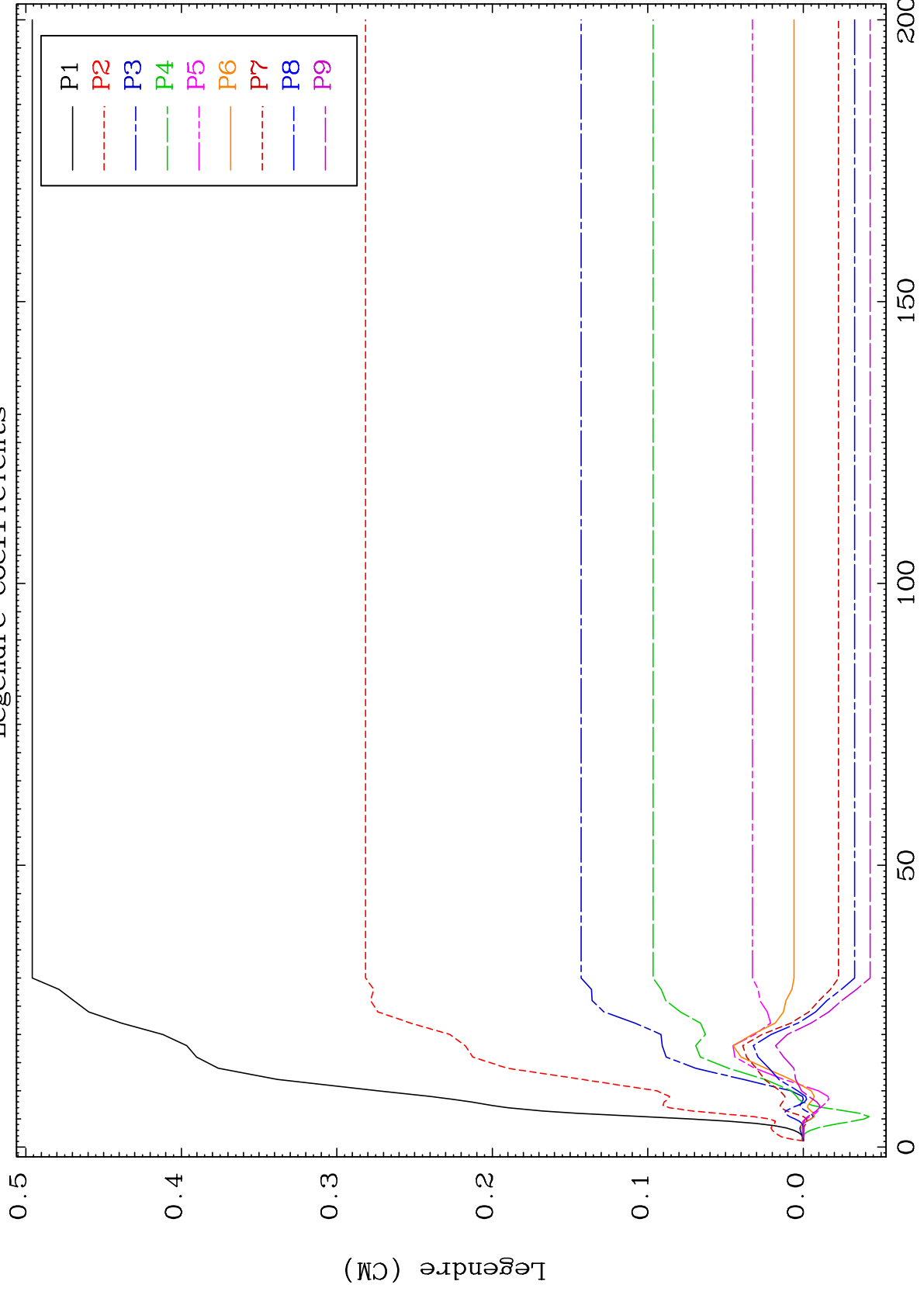


51

Incident Energy (MeV)

58-Ce-143

MAT 5846 MT= 59 (n,n') Level Legendre Coefficients 58-Ce-143

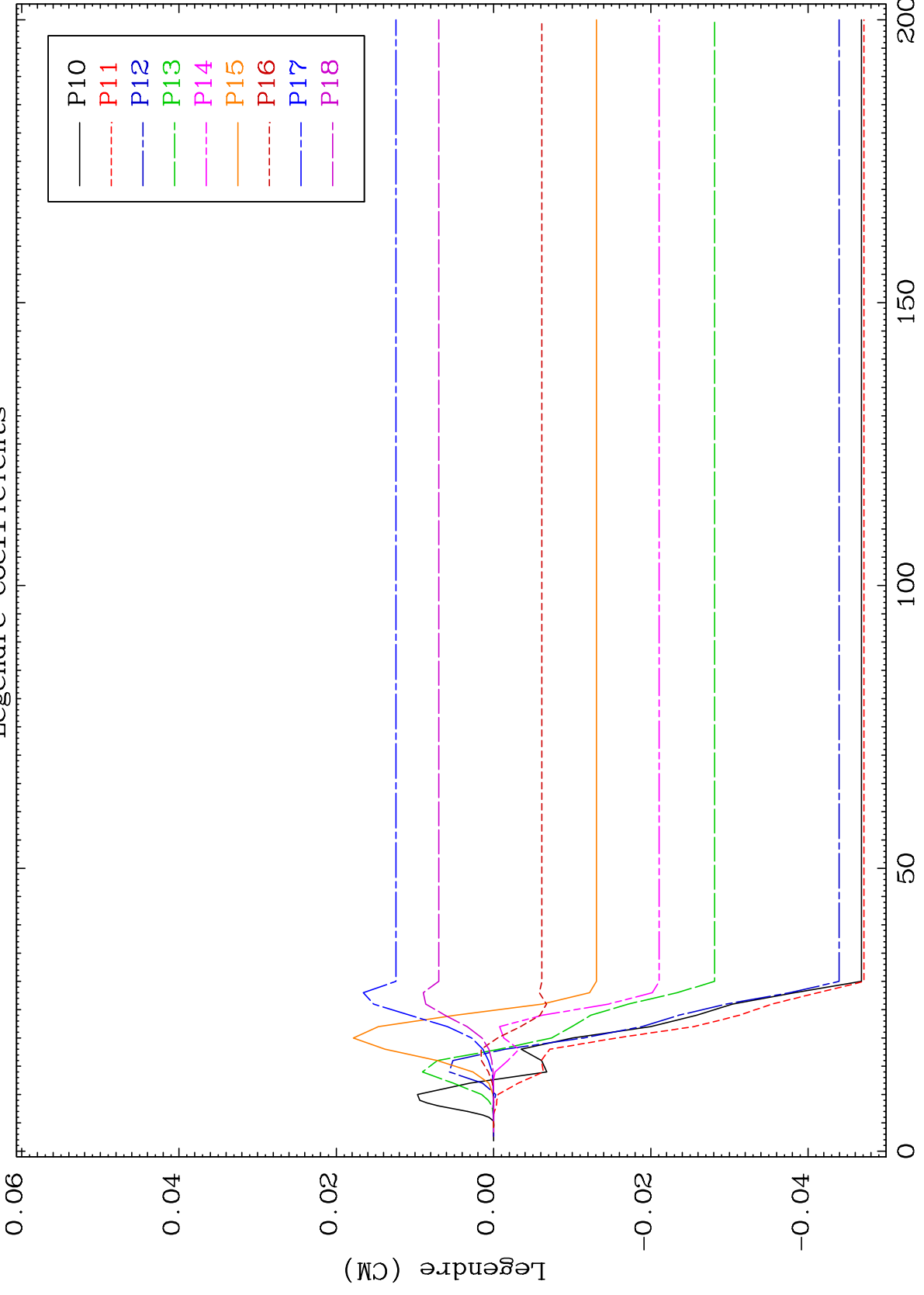


58-Ce-143

MAT 5846

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

58-Ce-143



53

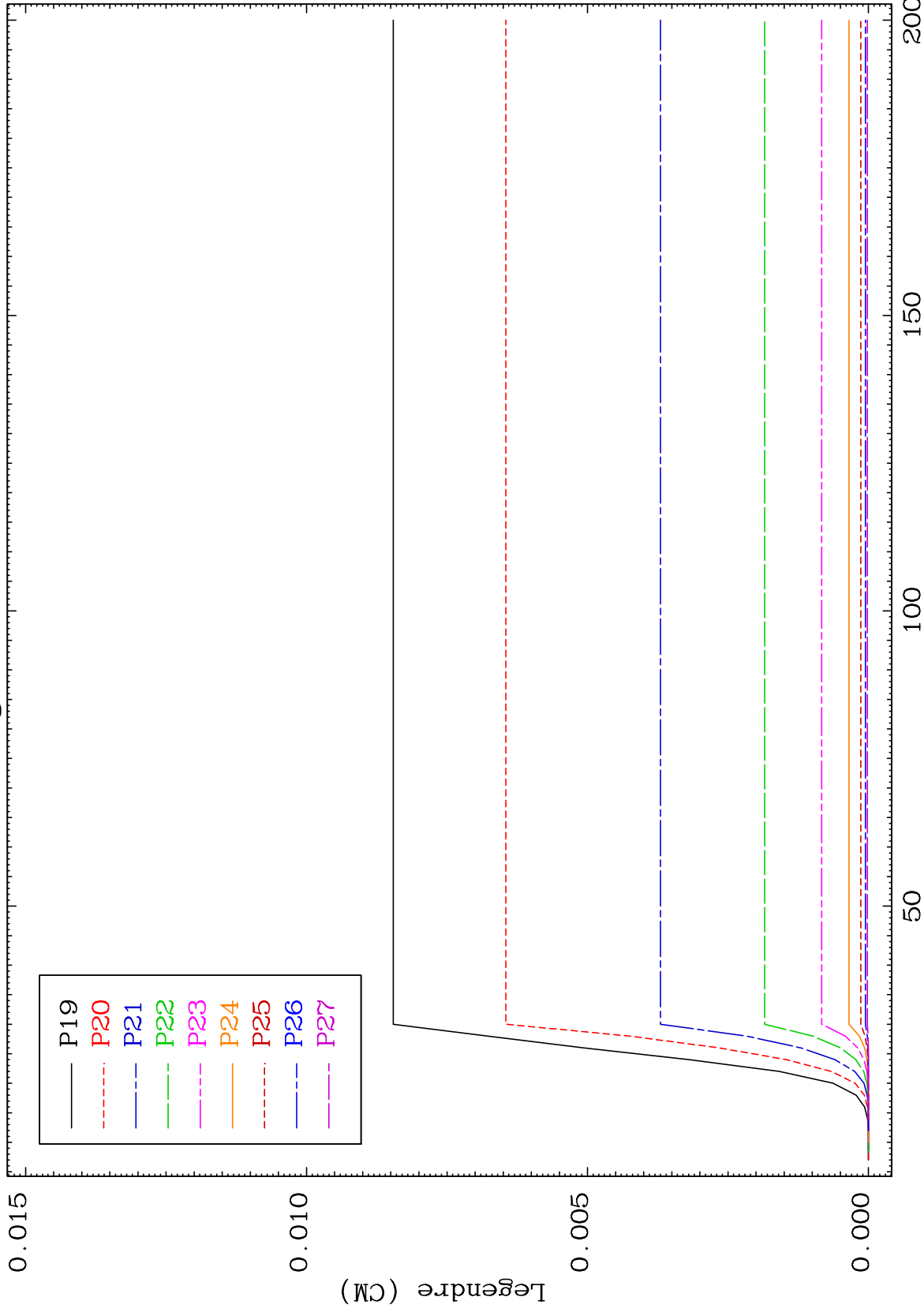
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



54

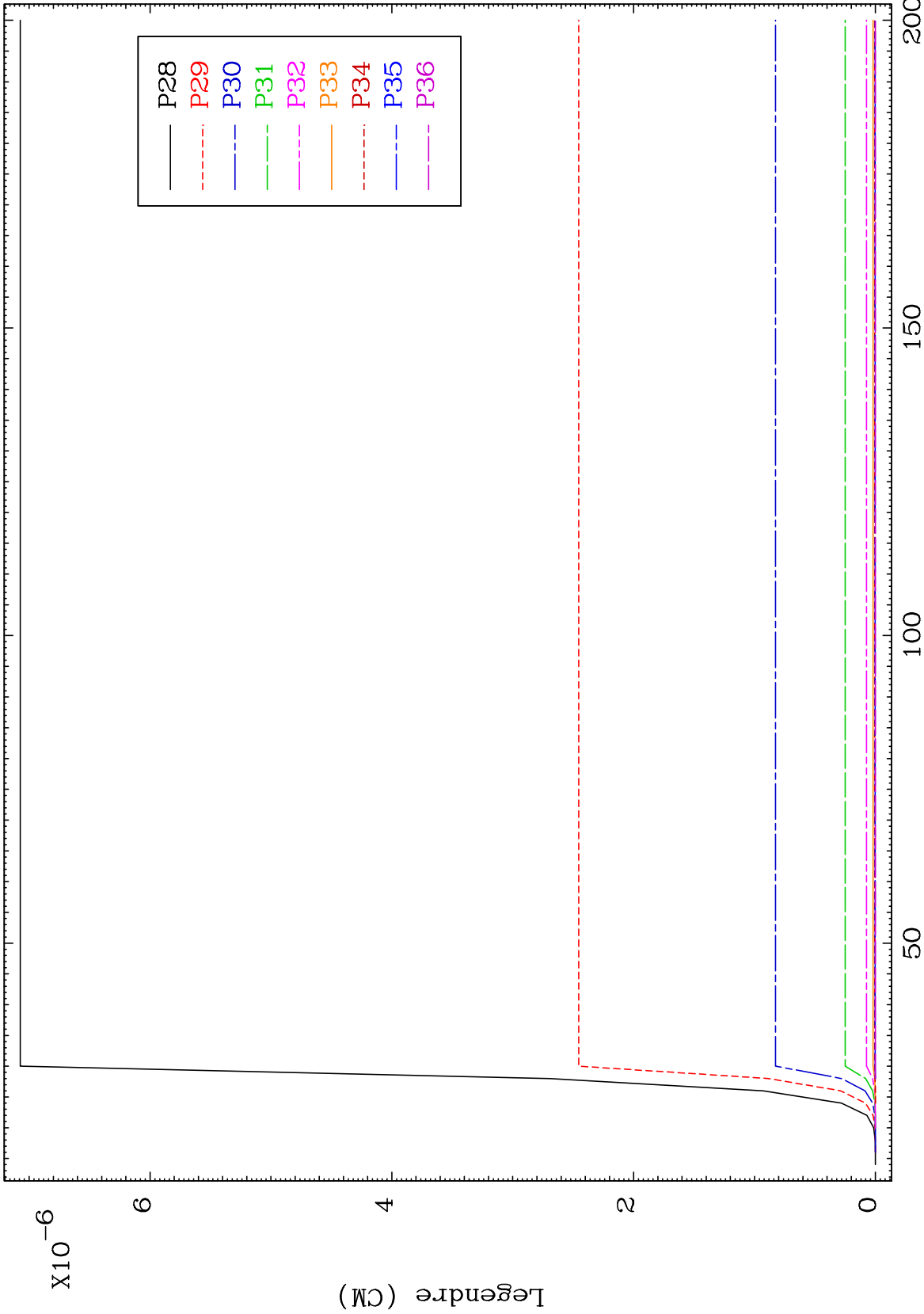
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



55

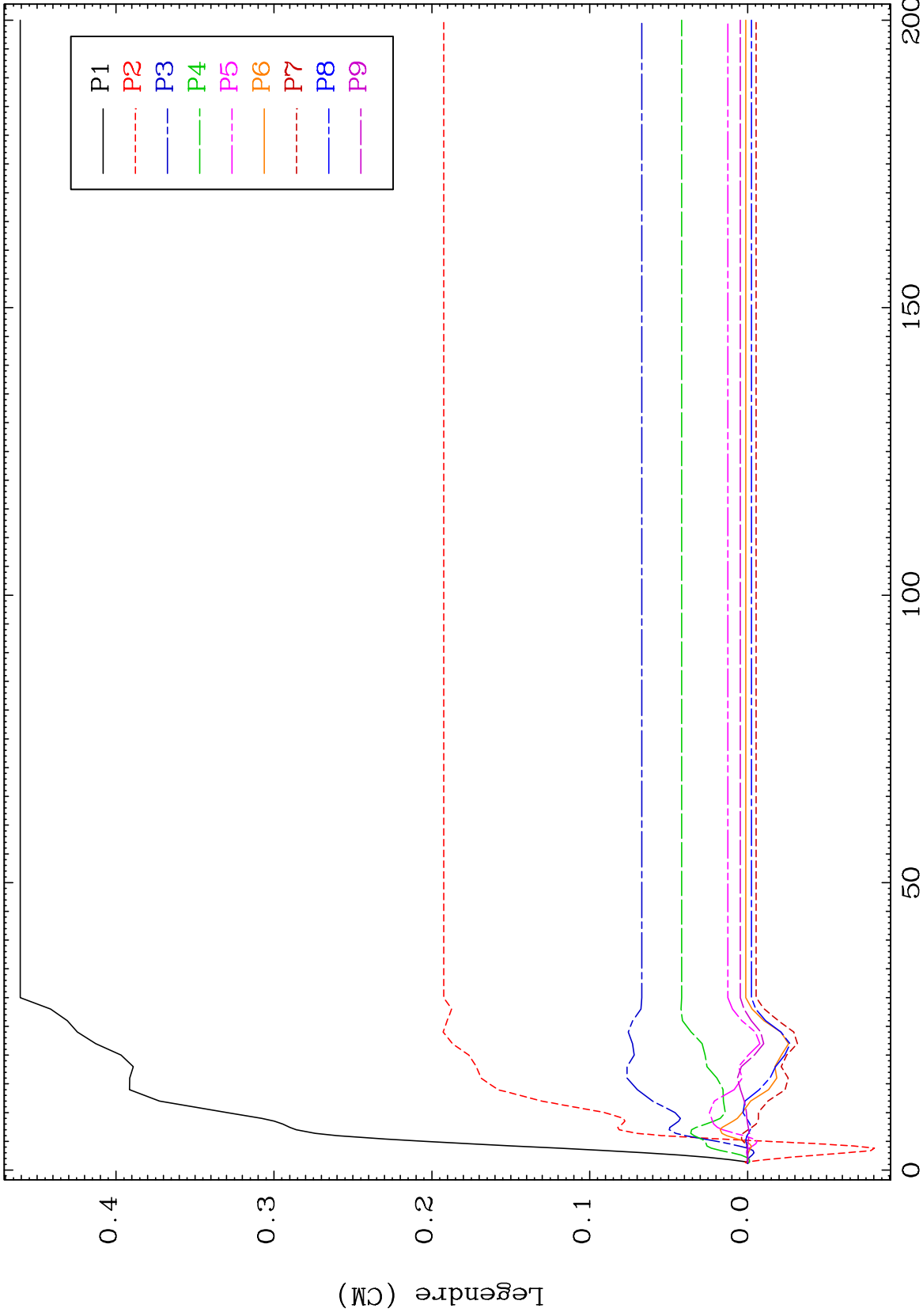
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



56

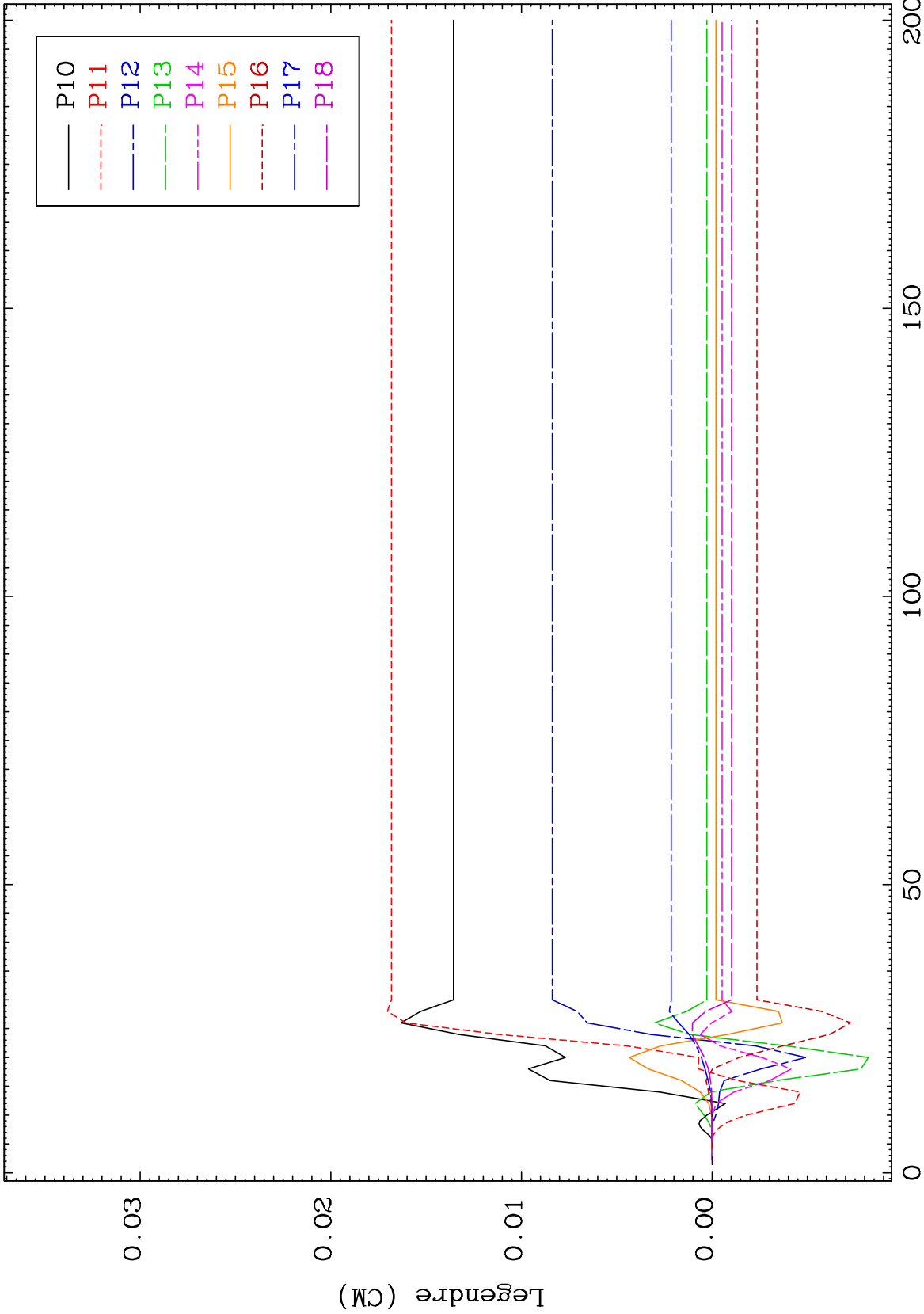
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



57

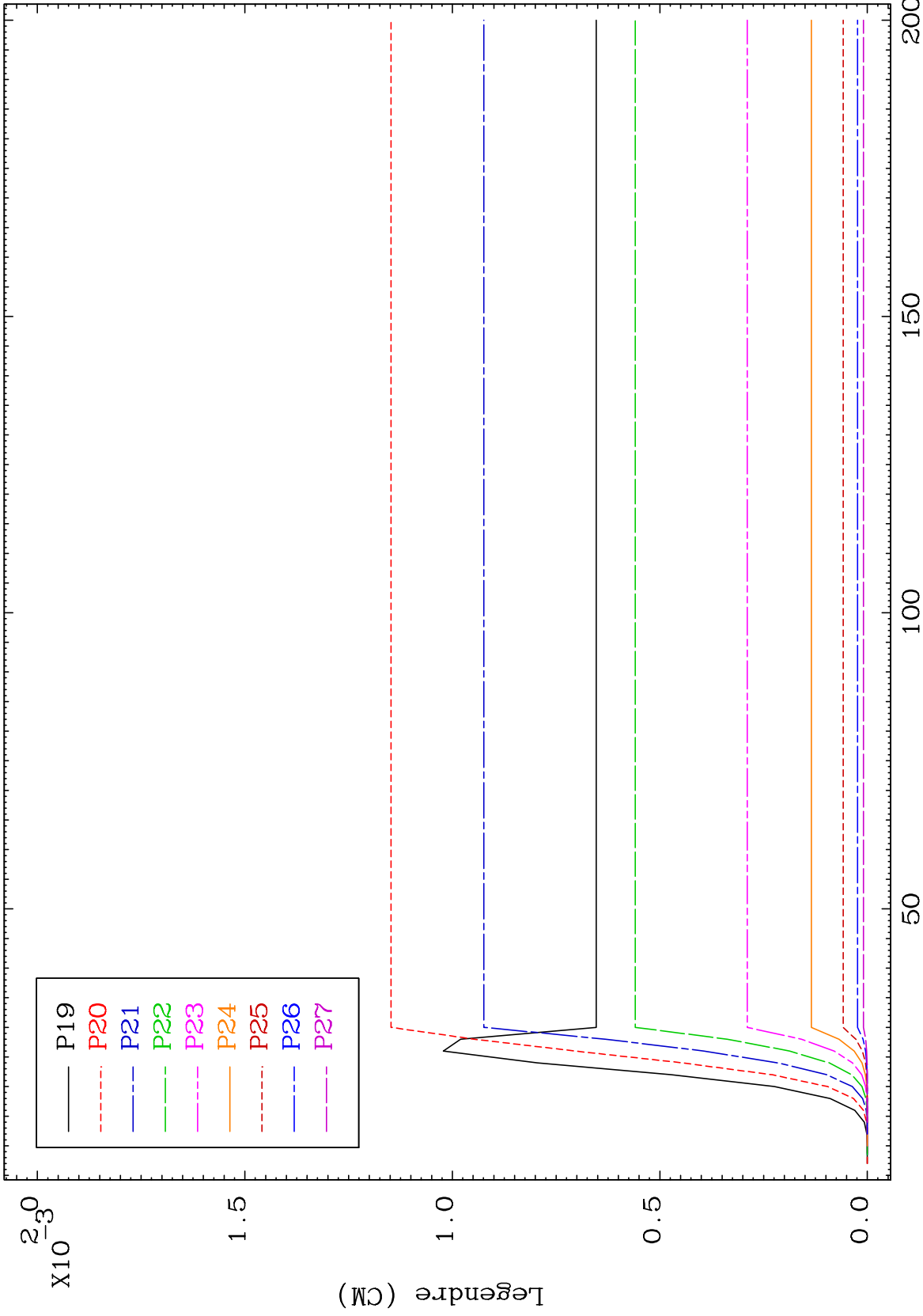
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



58

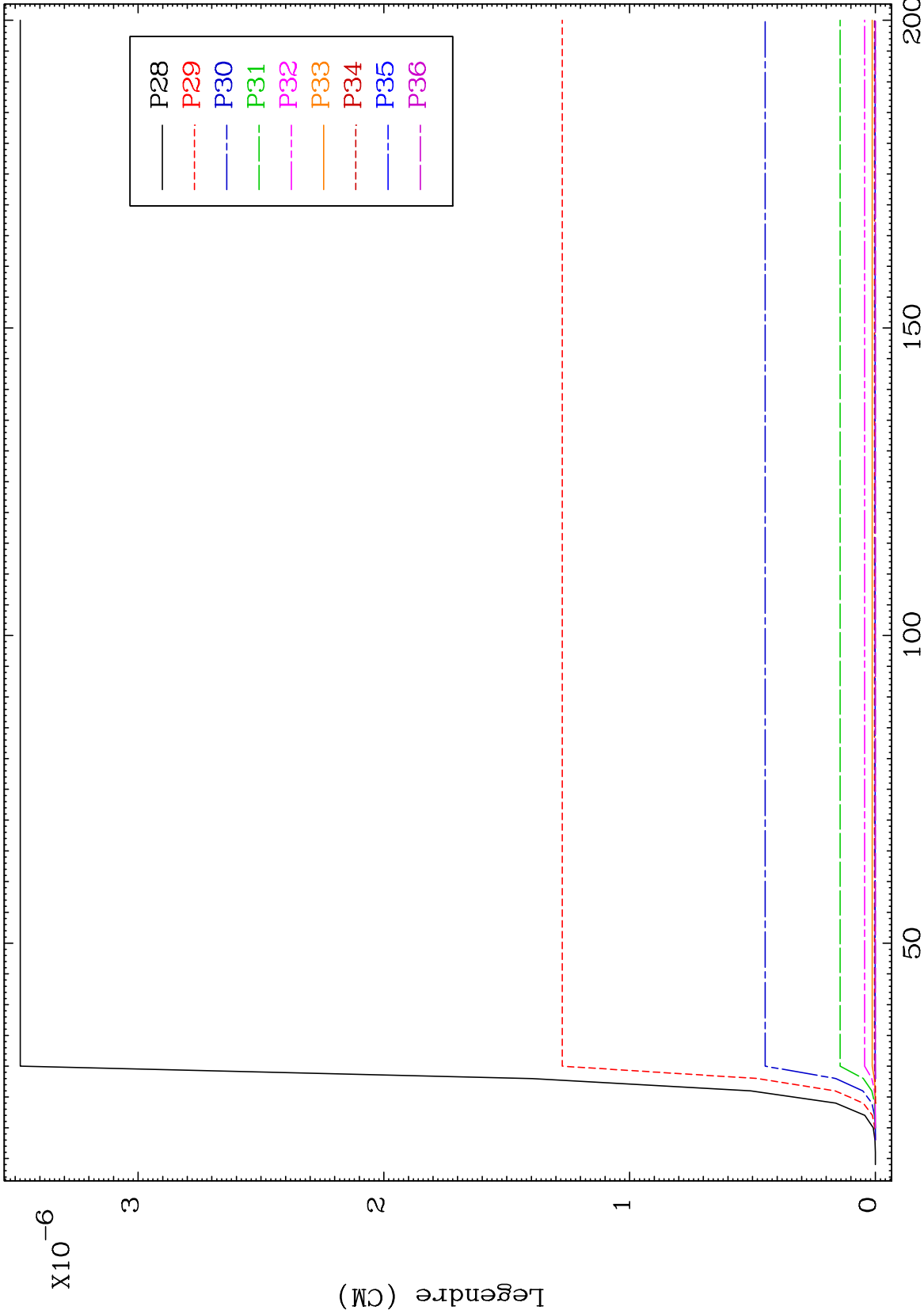
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

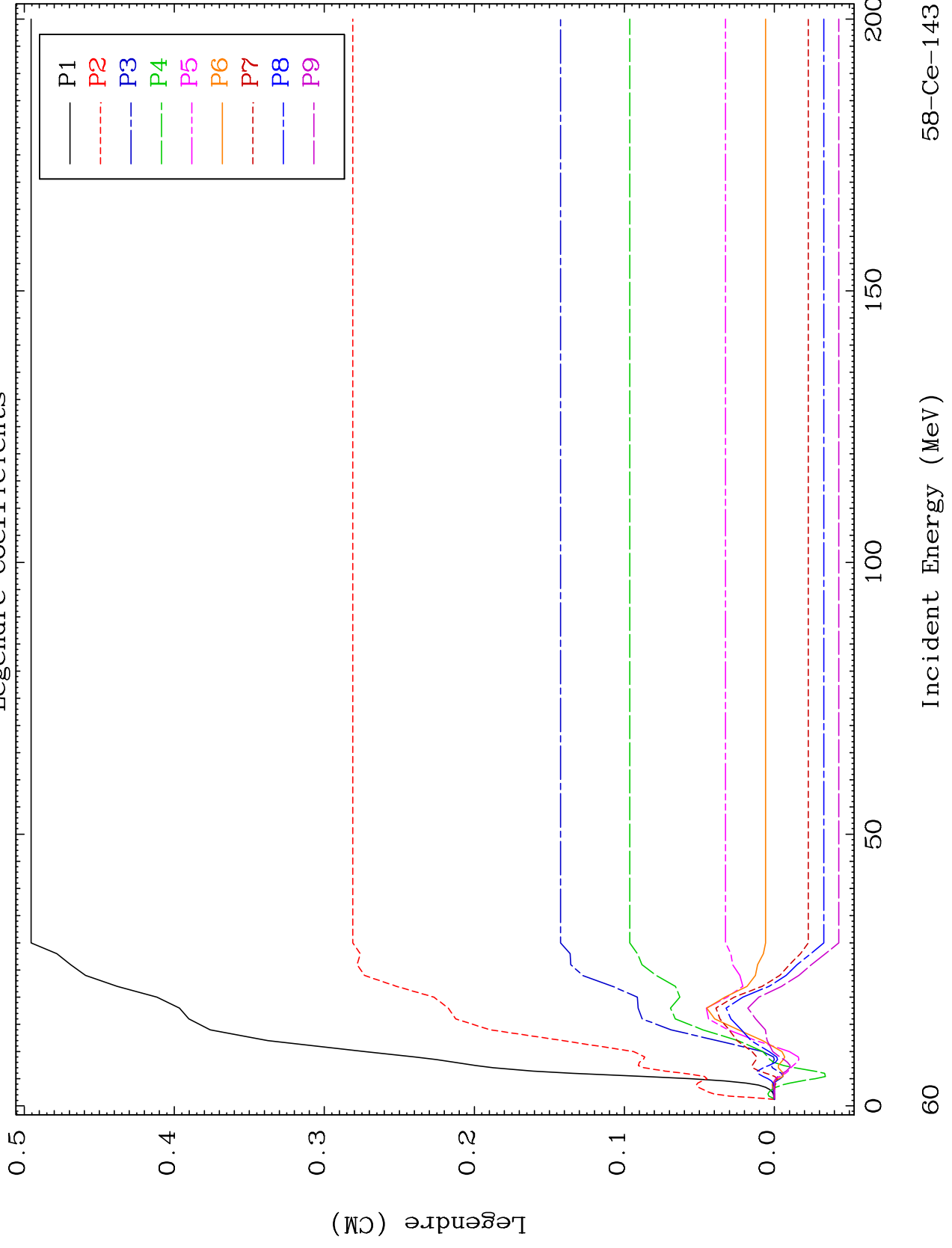
58-Ce-143



59

58-Ce-143

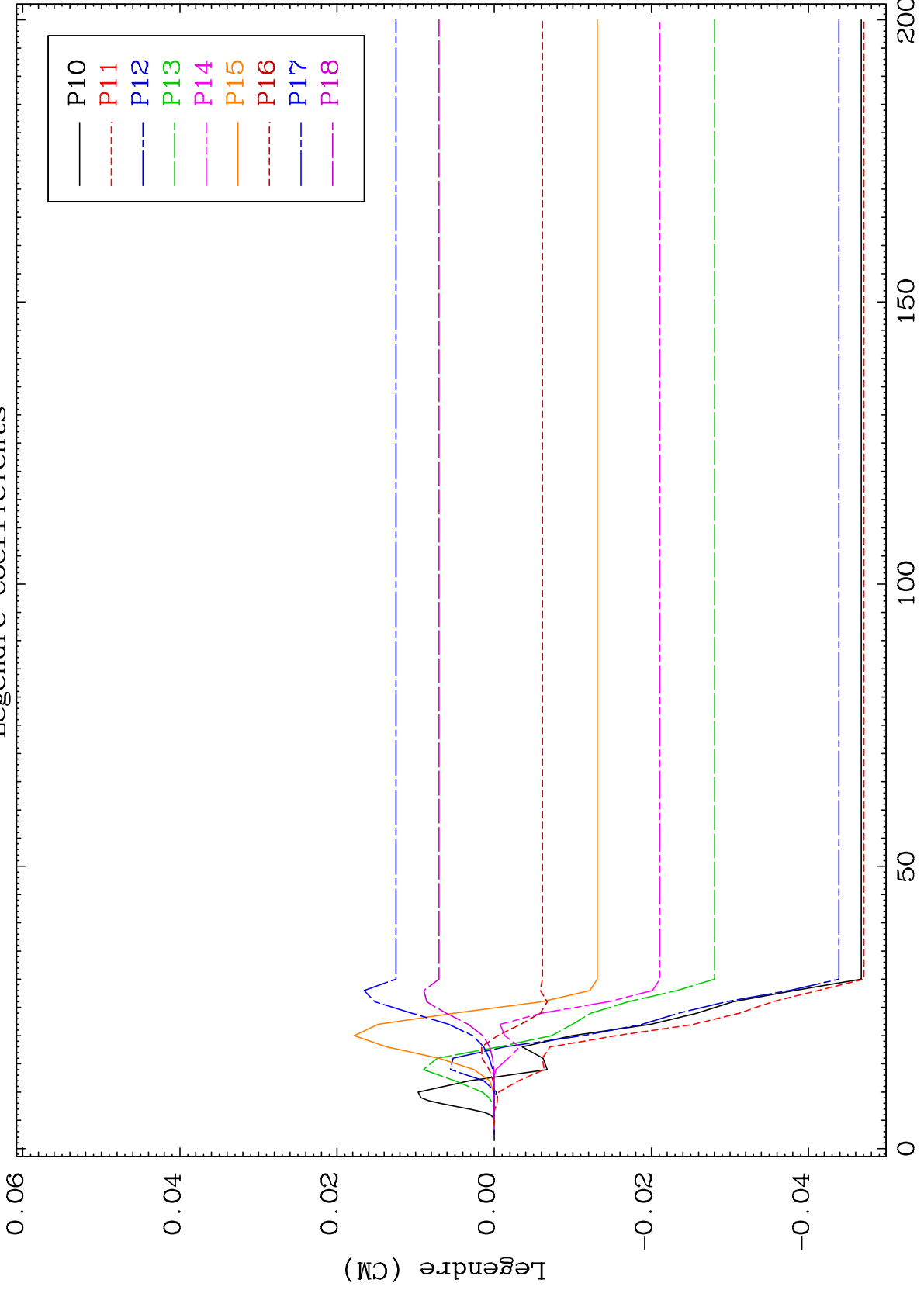
MAT 5846 MT= 61 (n,n') Level Legendre Coefficients 58-Ce-143



MAT 5846

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

58-Ce-143



61

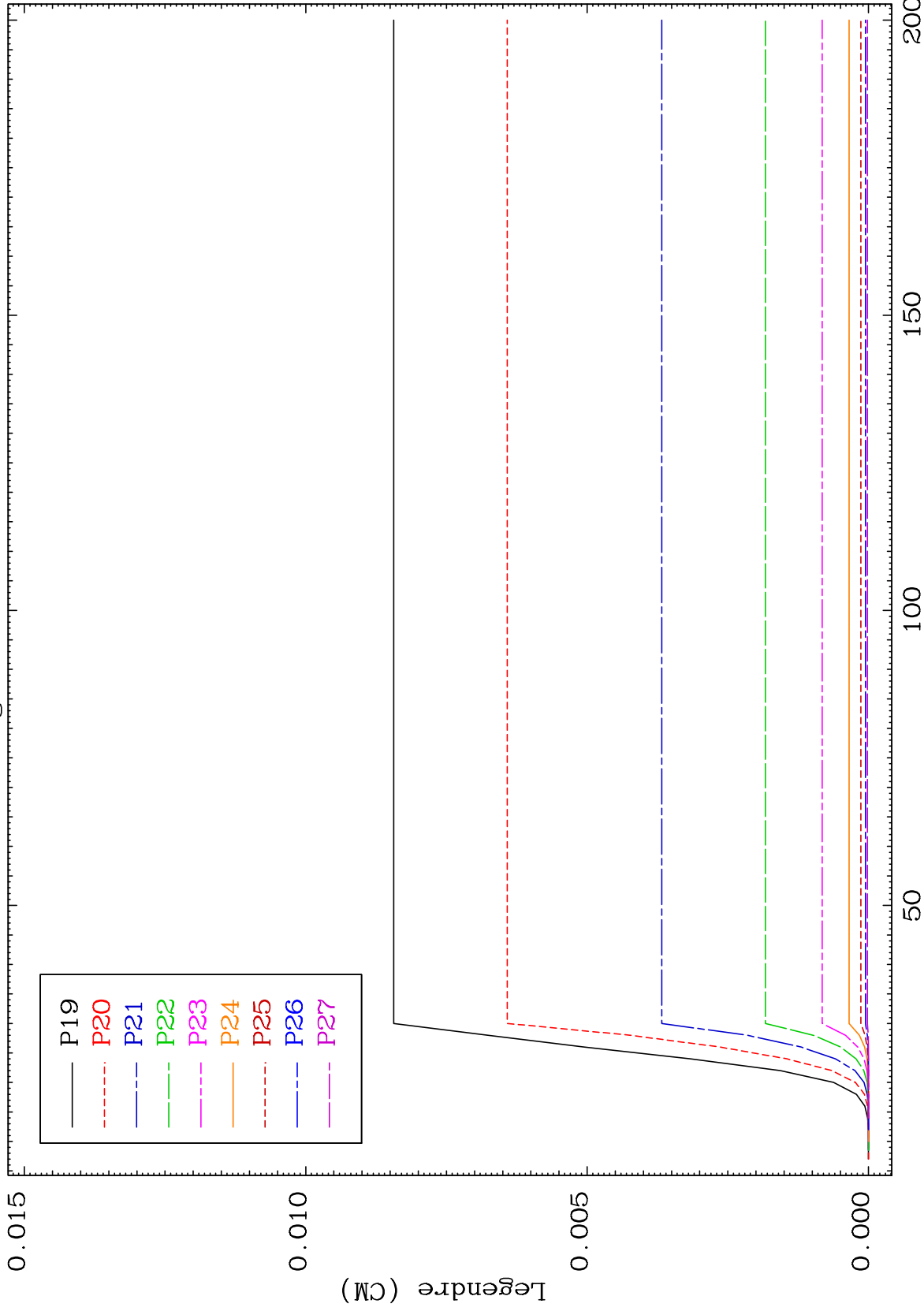
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



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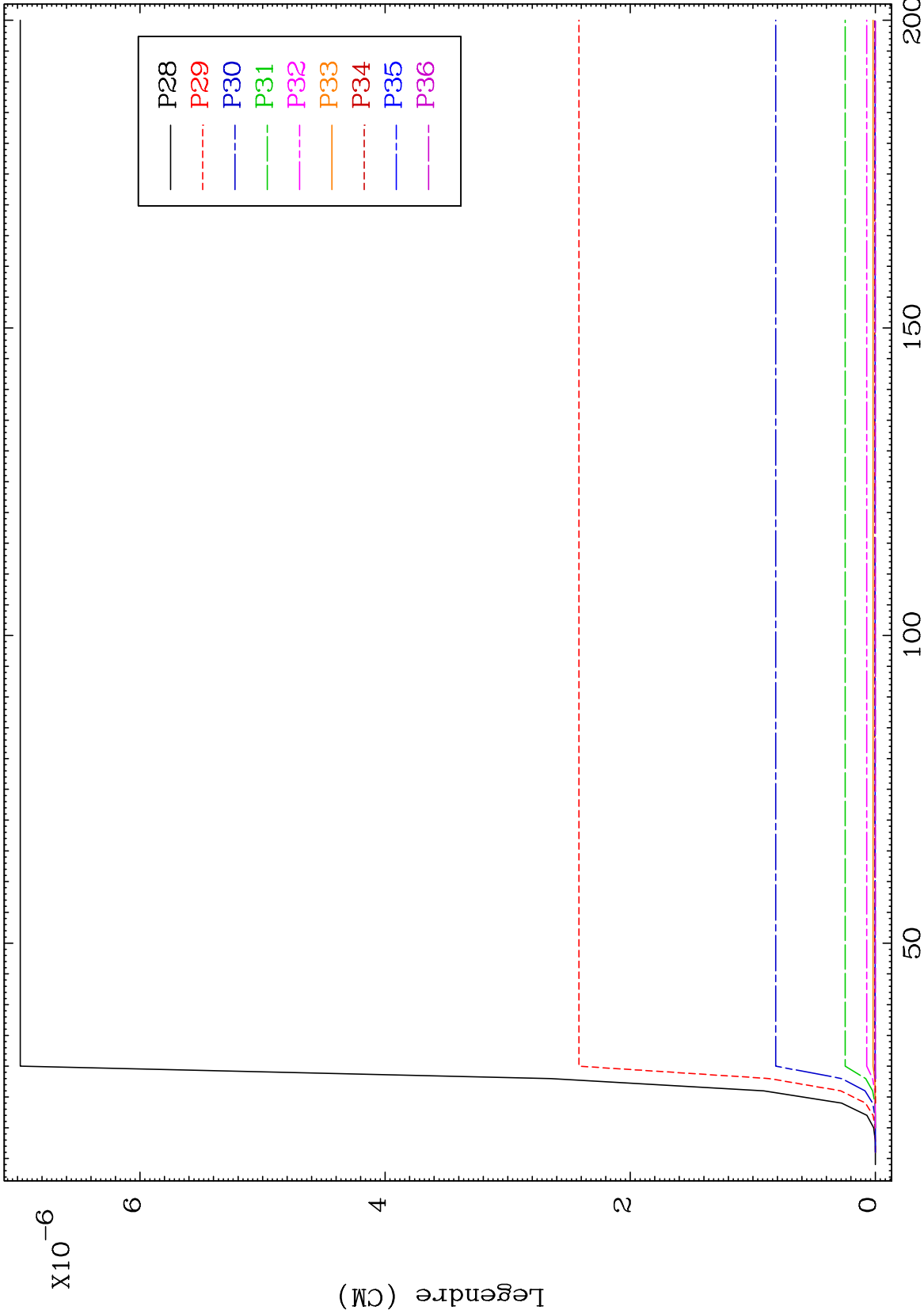
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



63

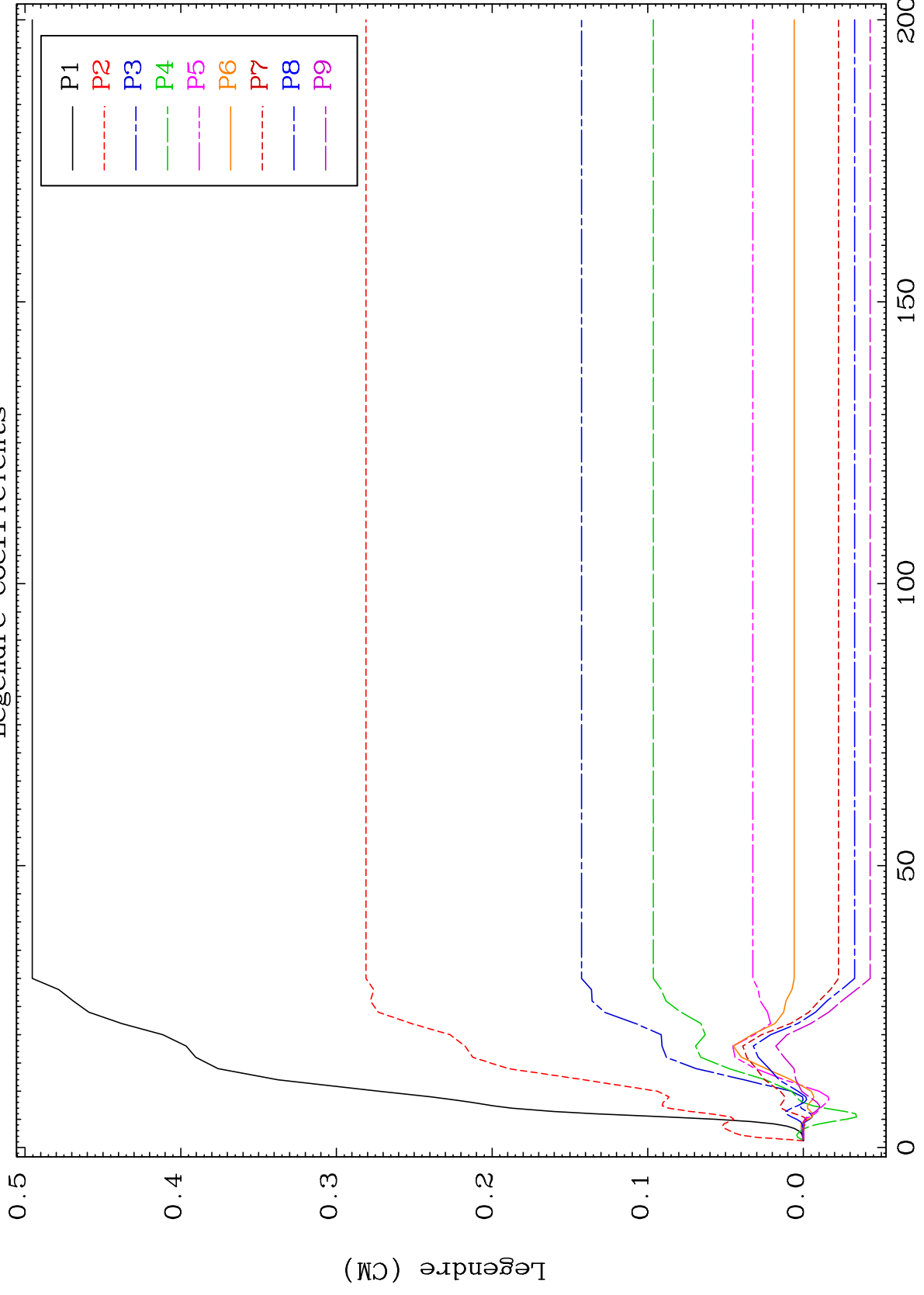
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



64

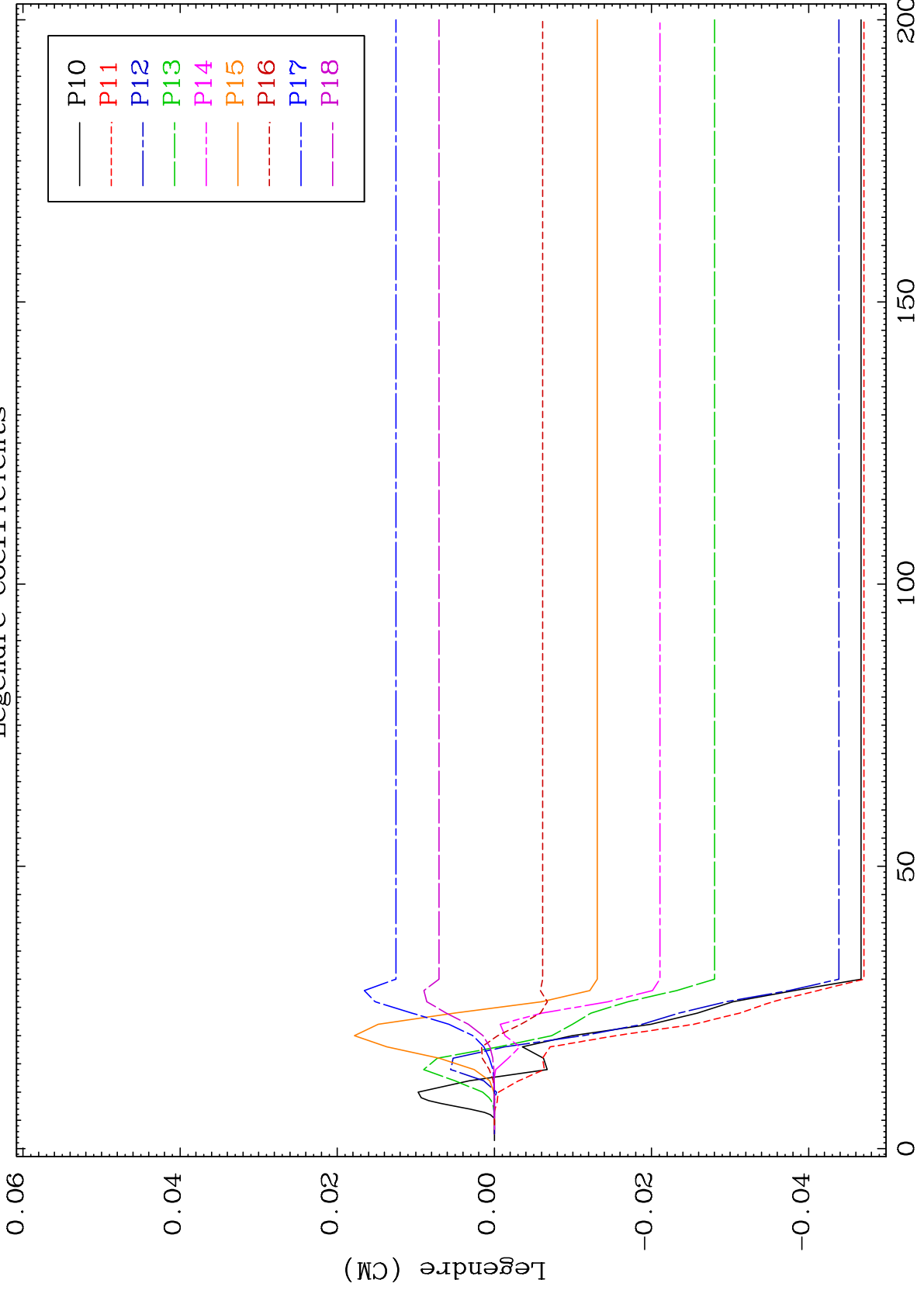
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



65

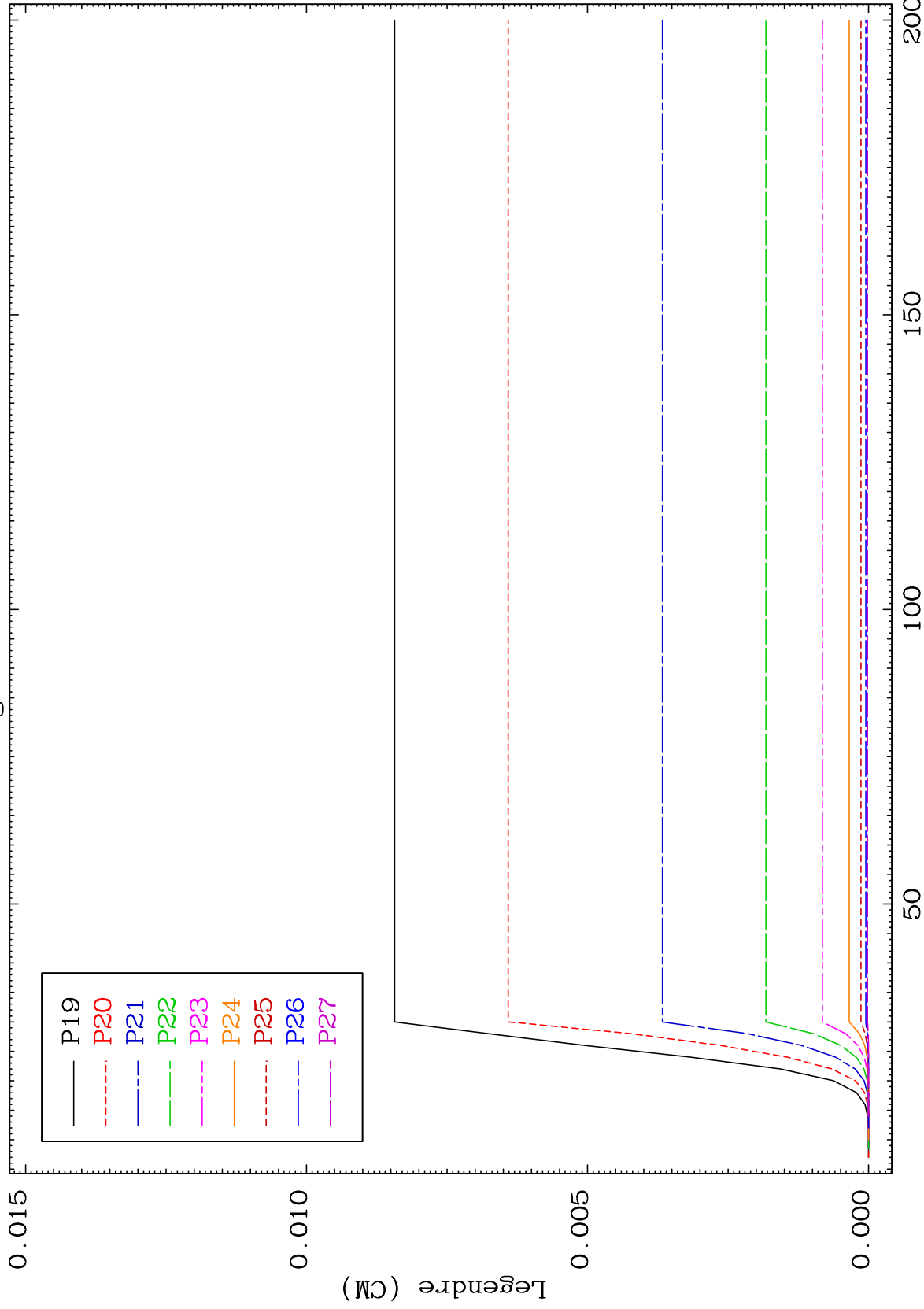
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



66

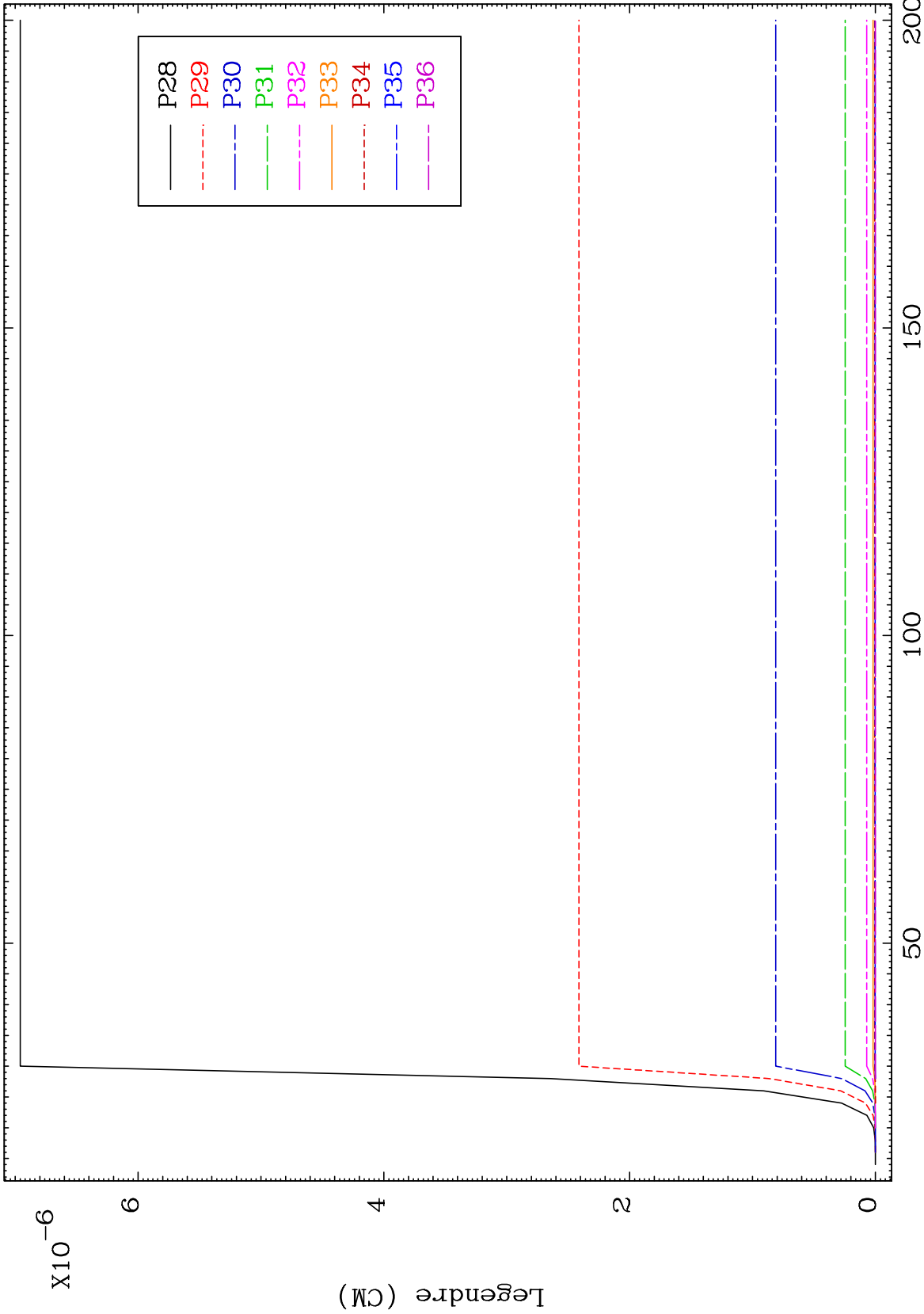
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



67

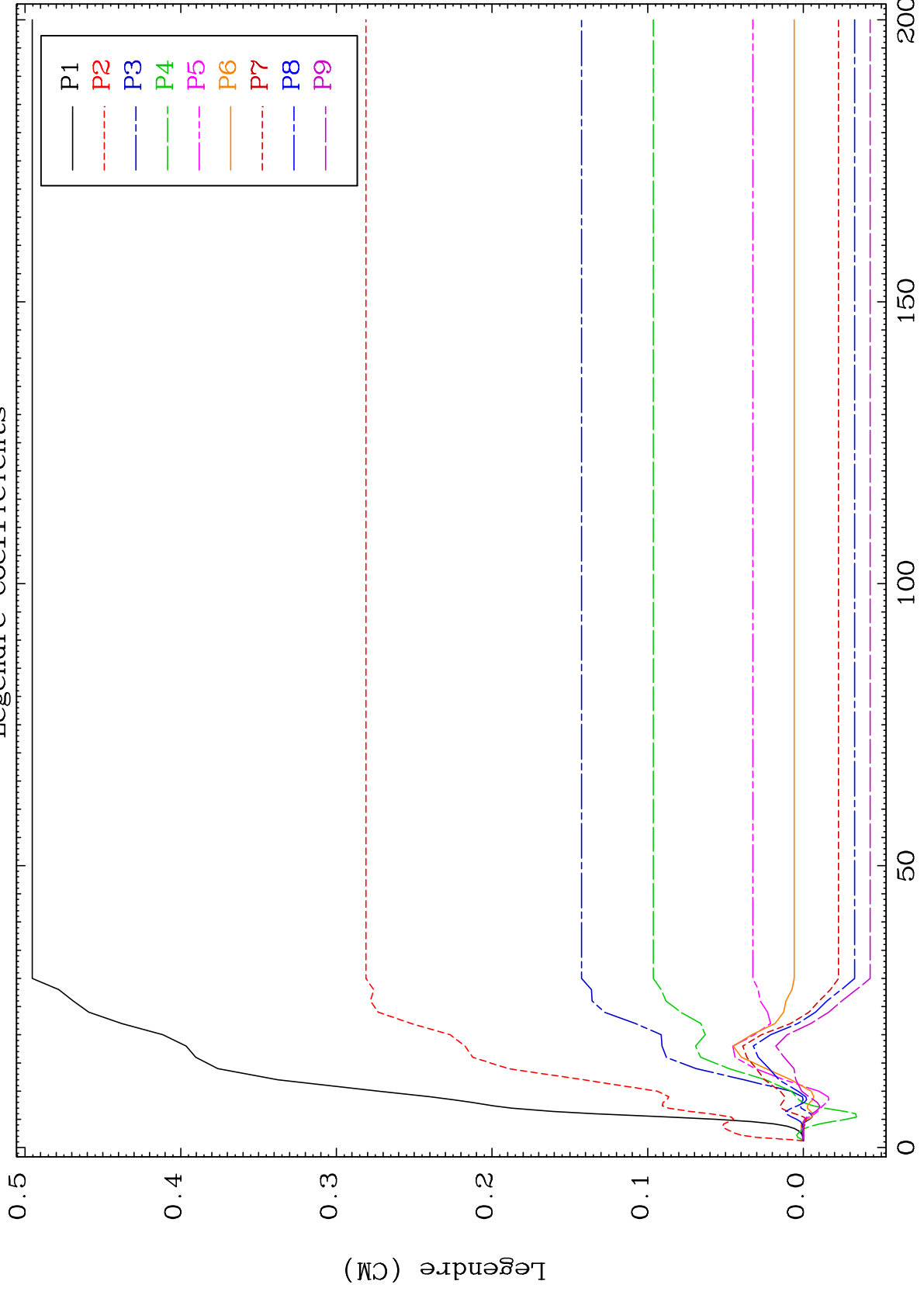
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



68

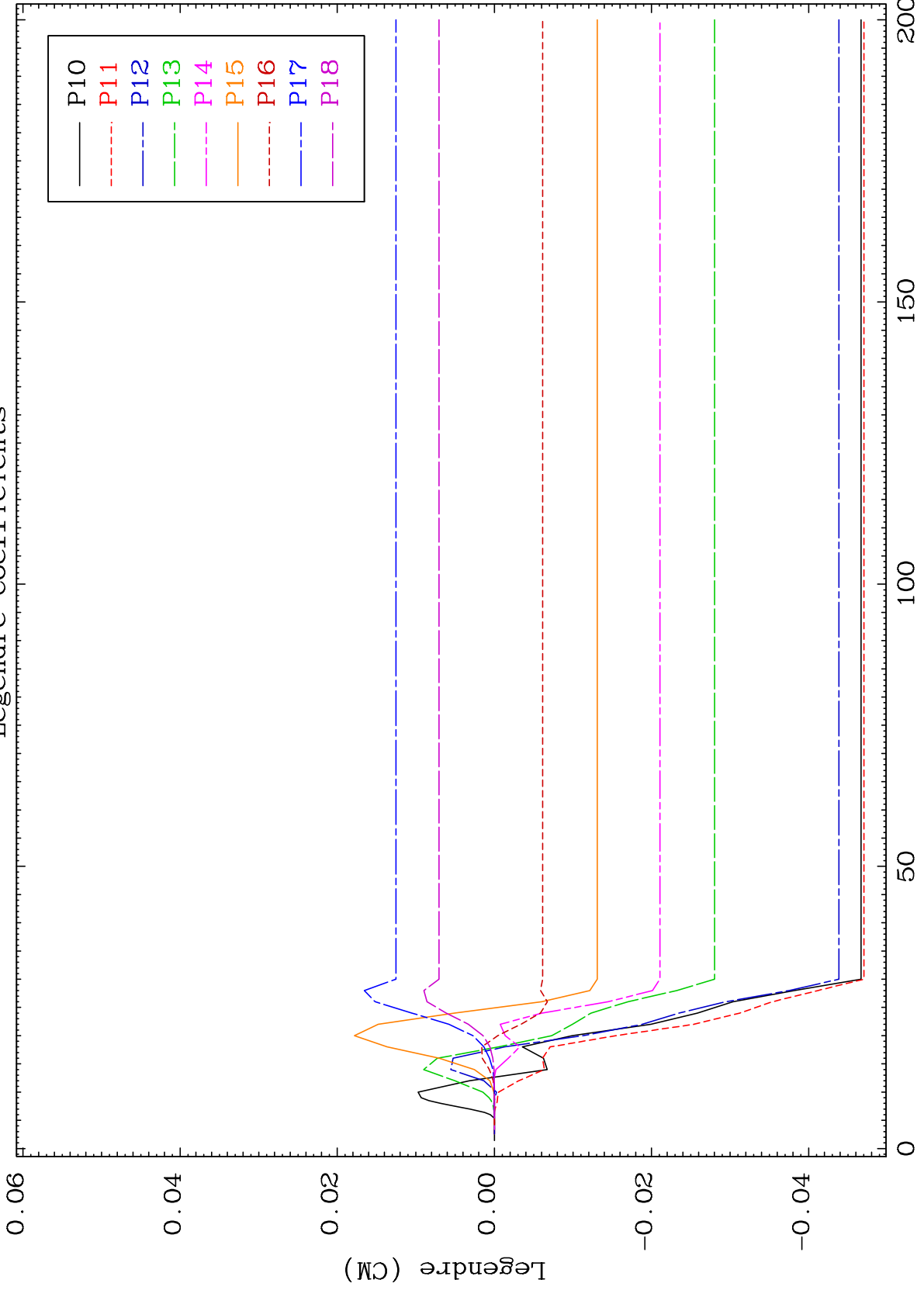
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



69

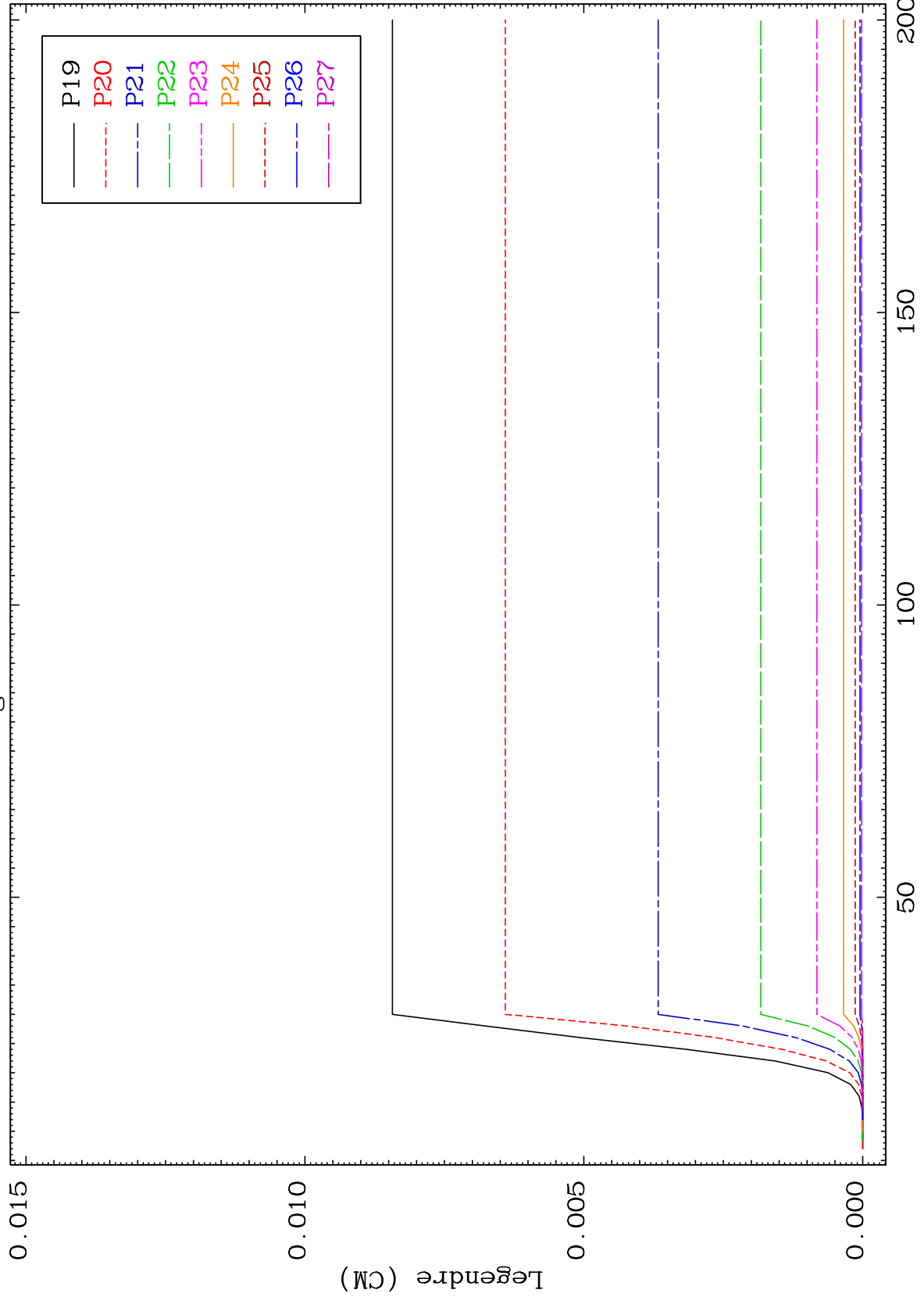
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



70

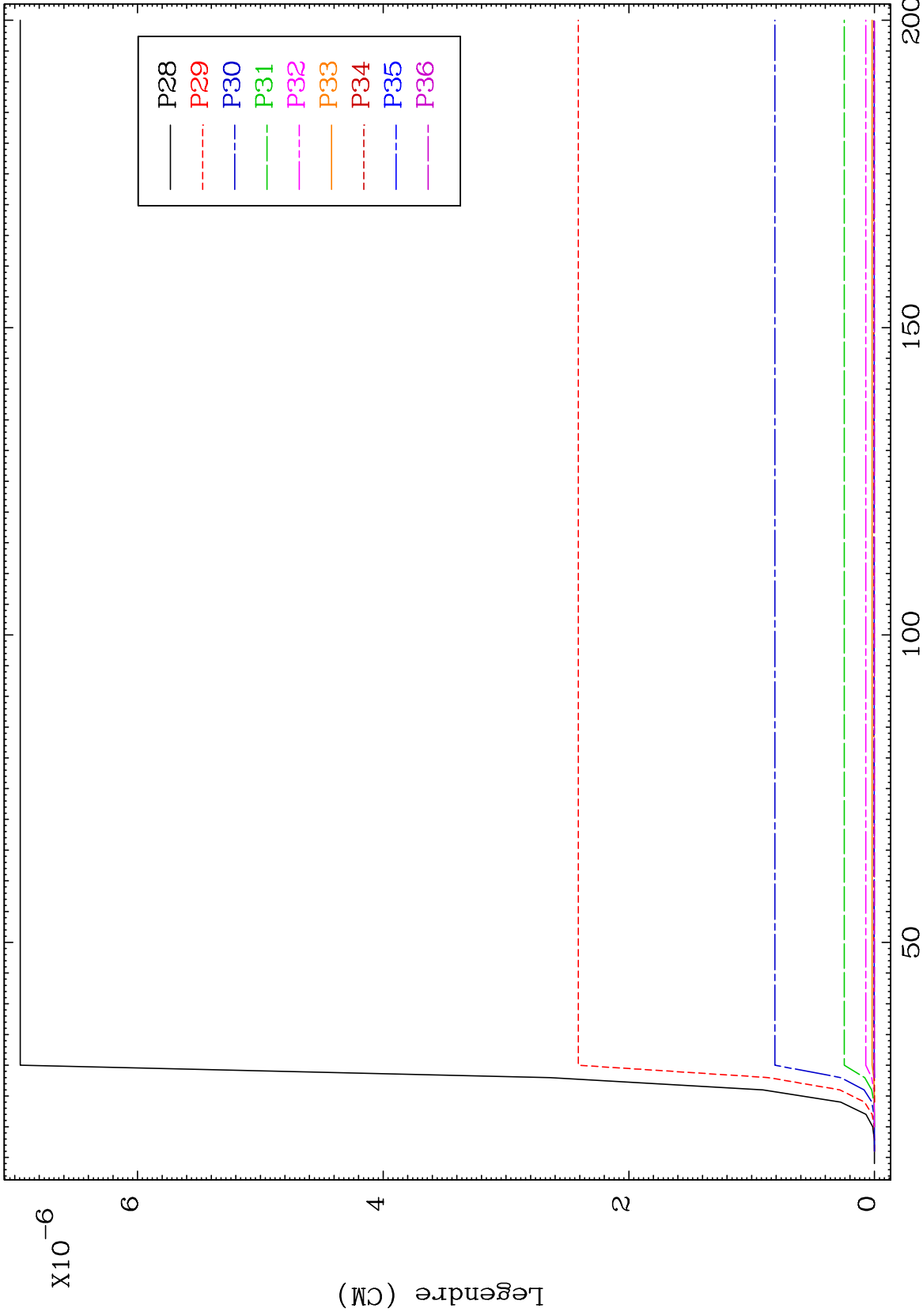
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



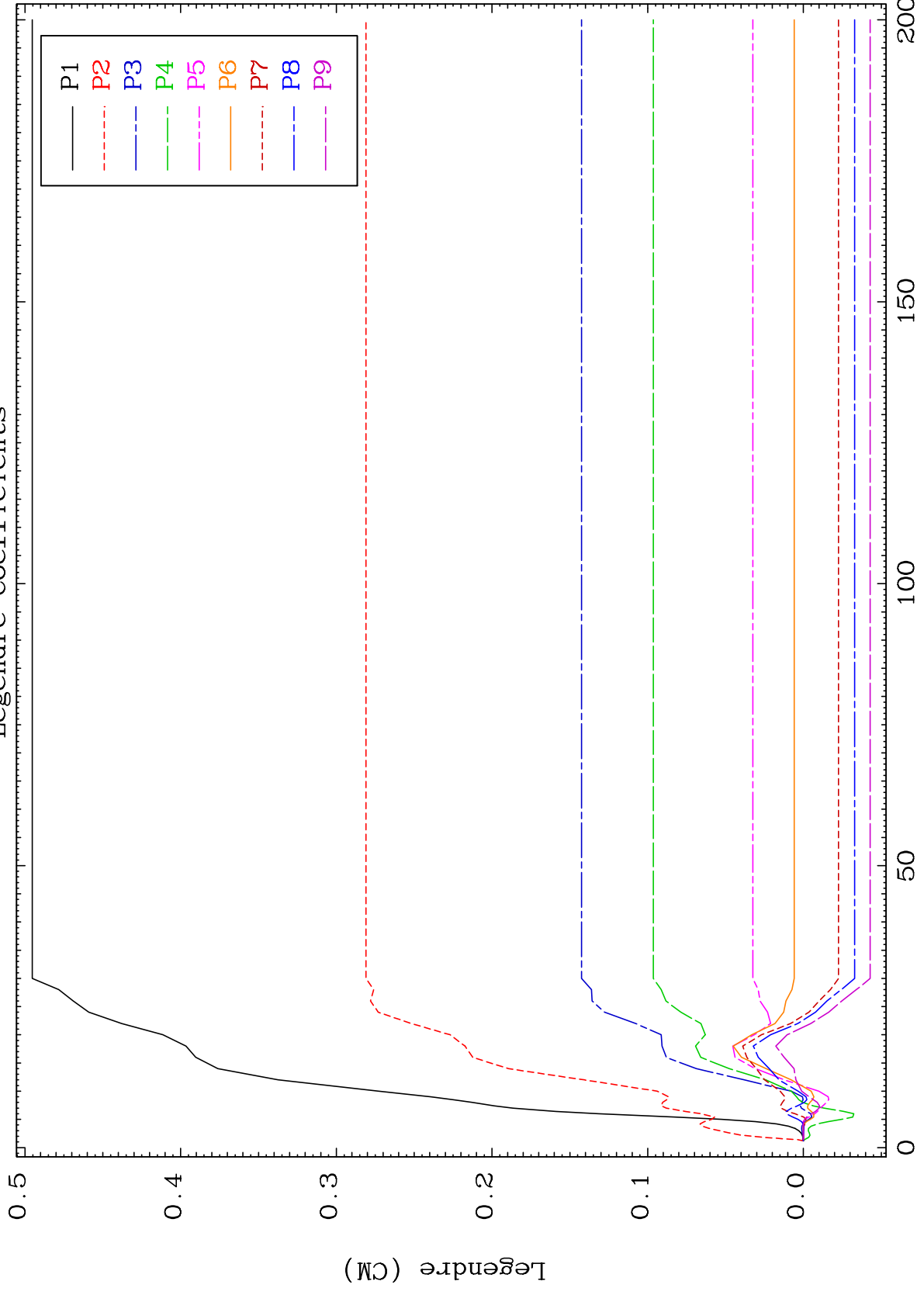
71

58-Ce-143

MAT 5846

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

58-Ce-143



72

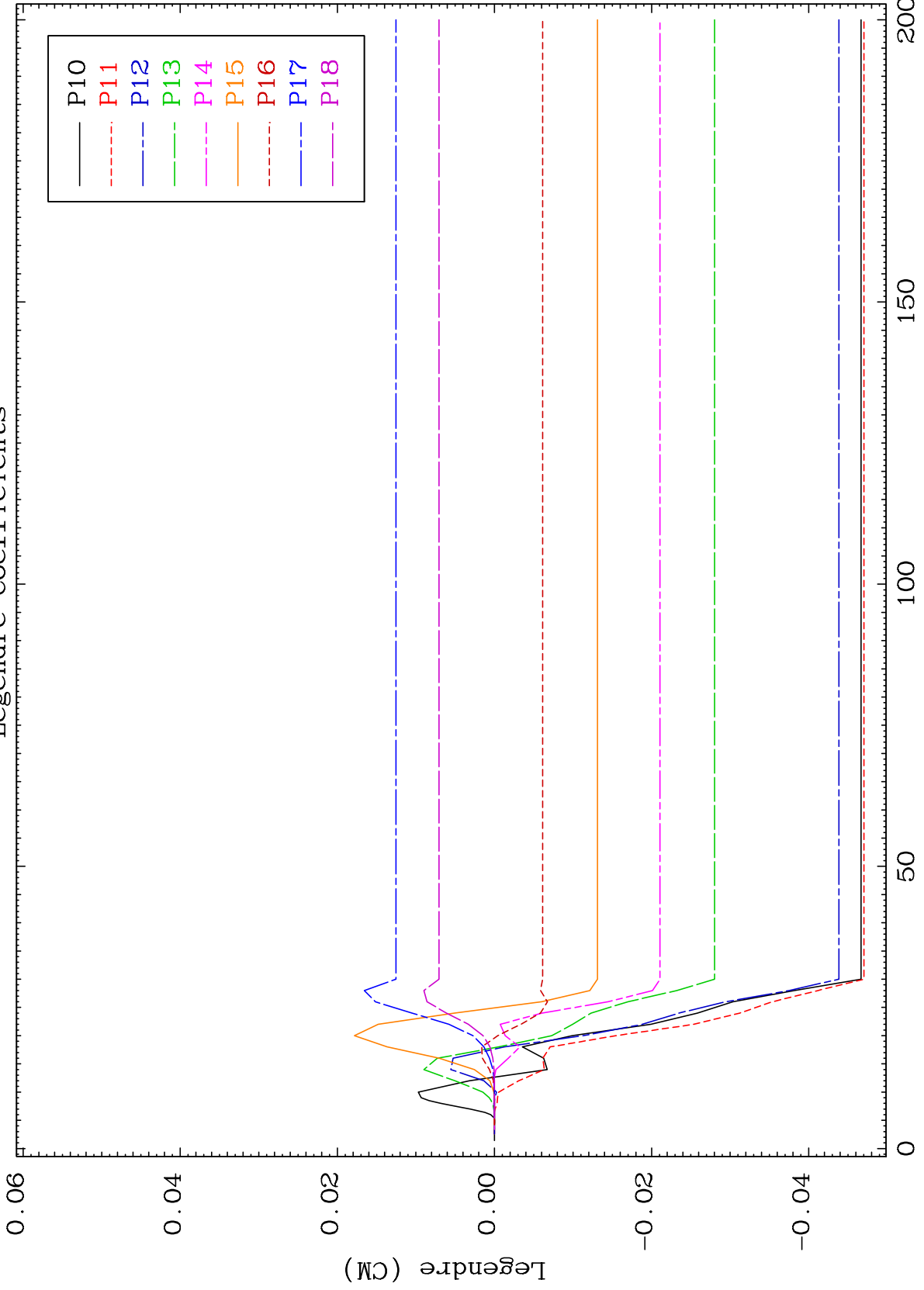
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



73

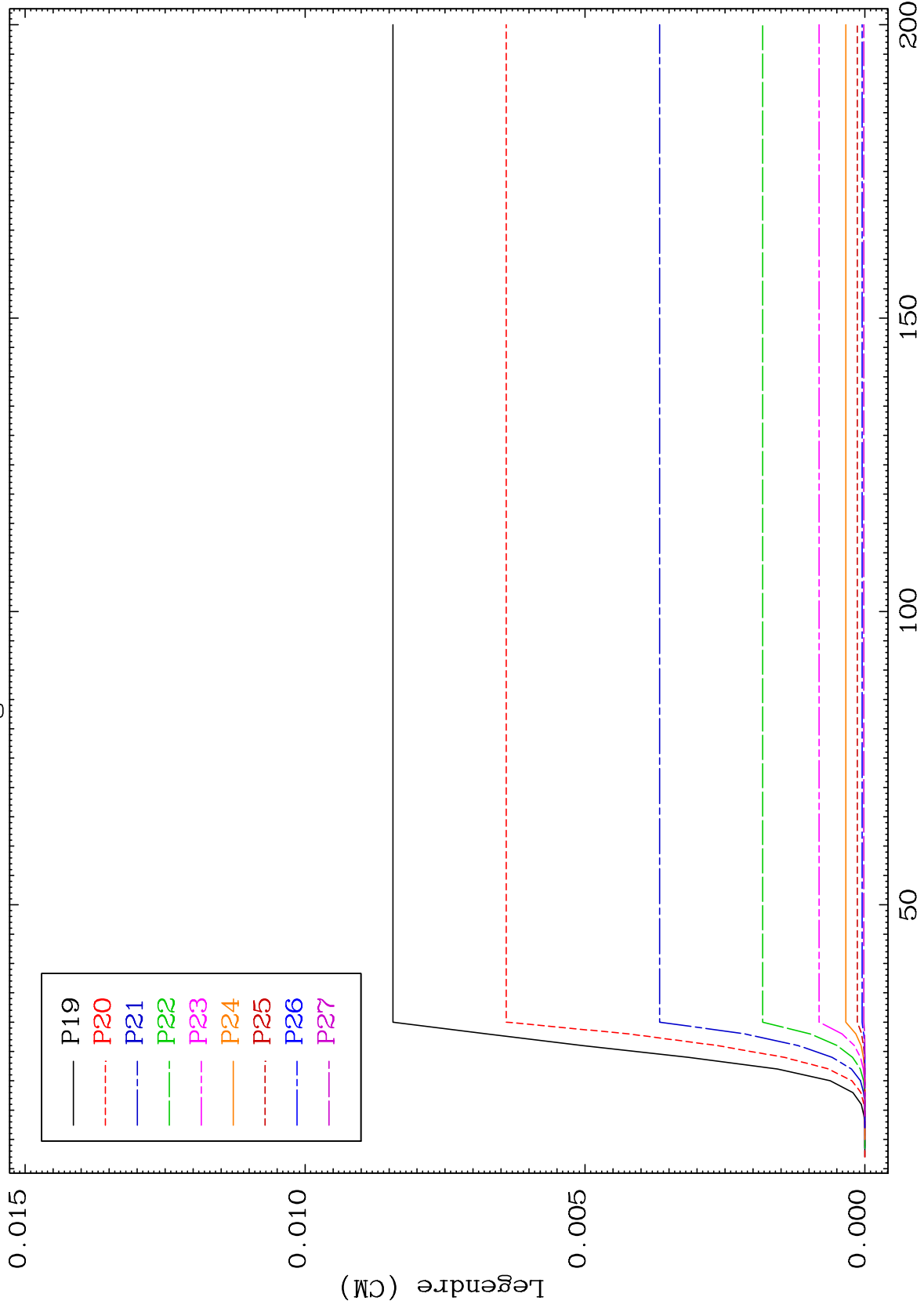
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



74

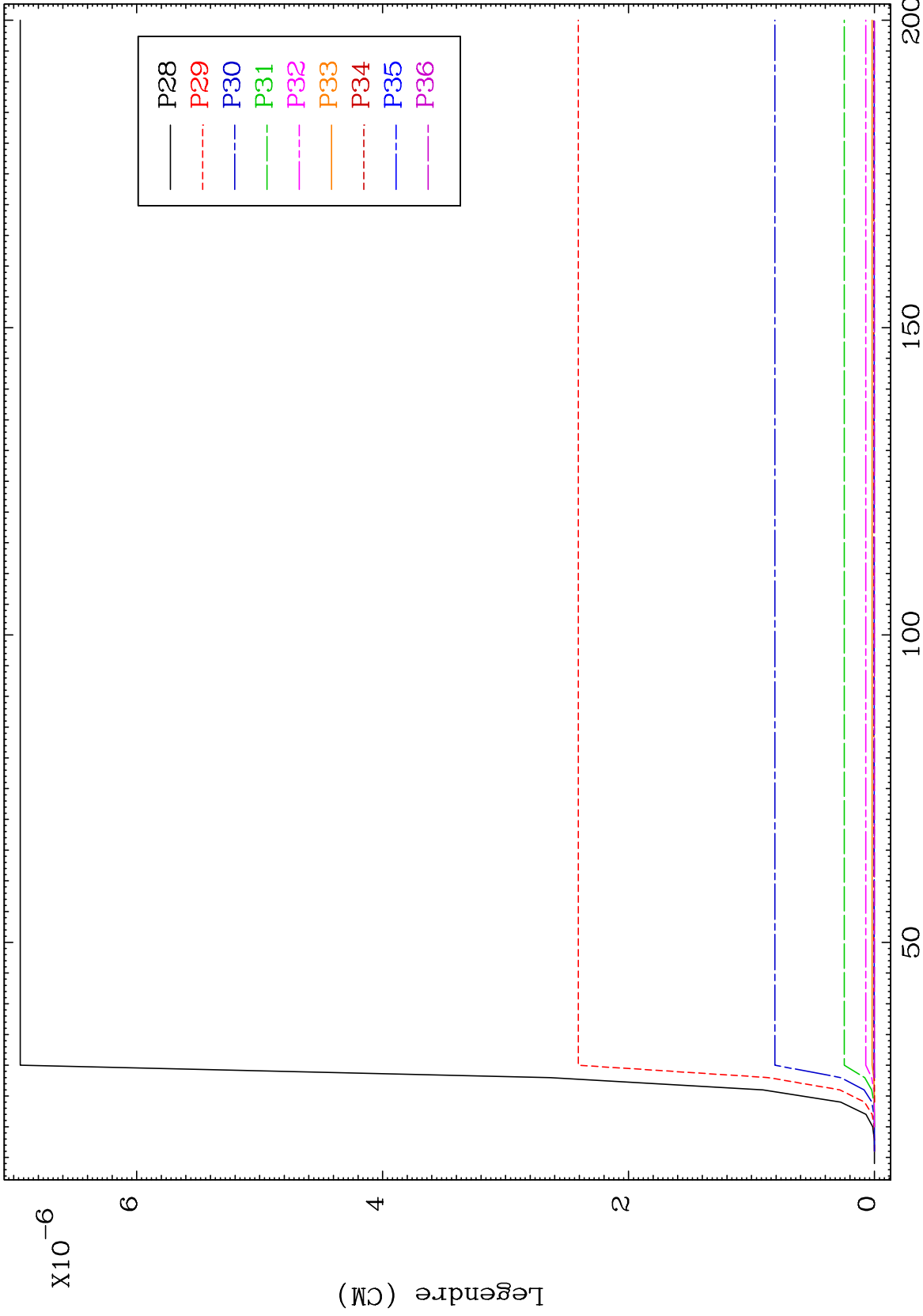
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



75

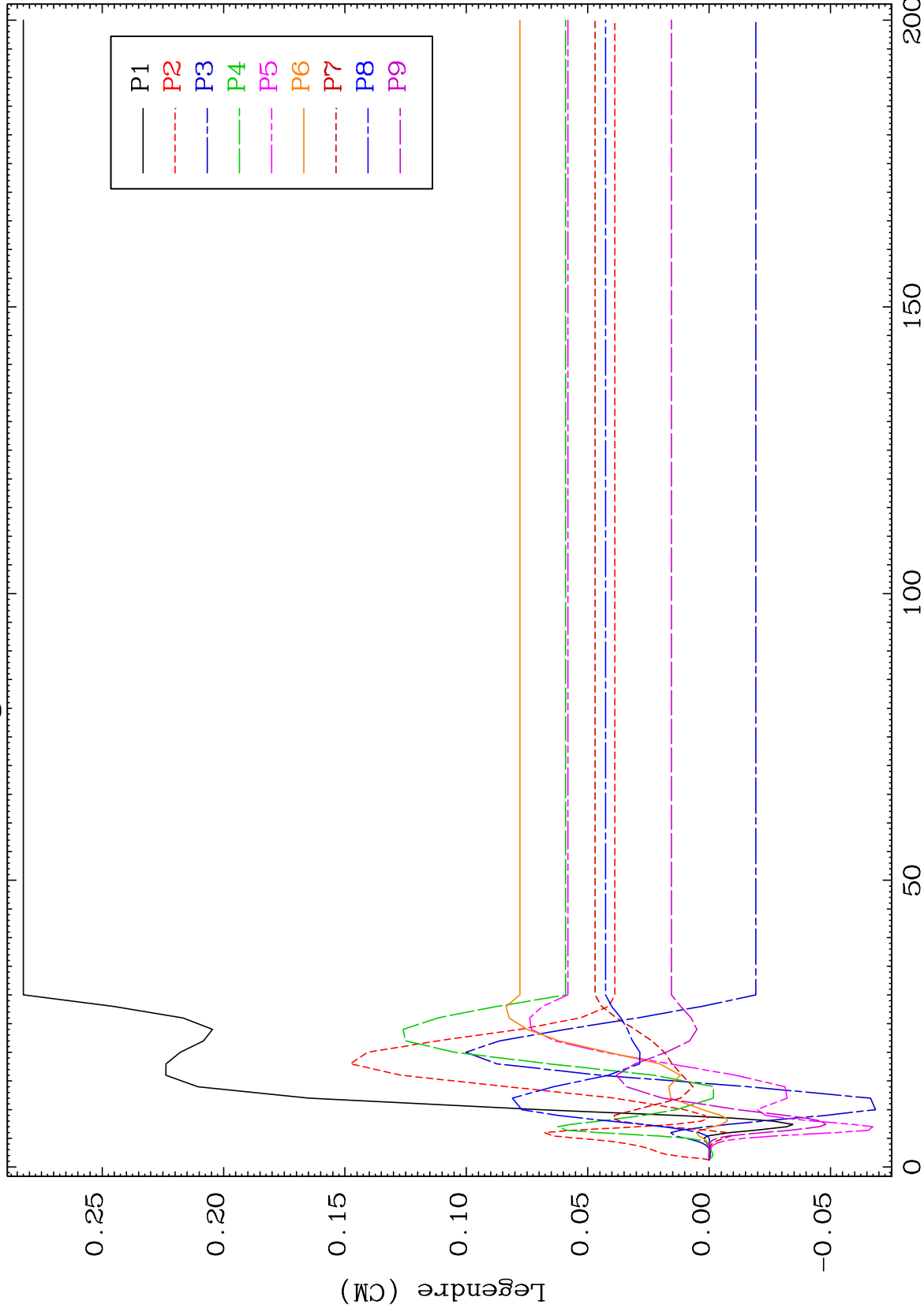
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



76

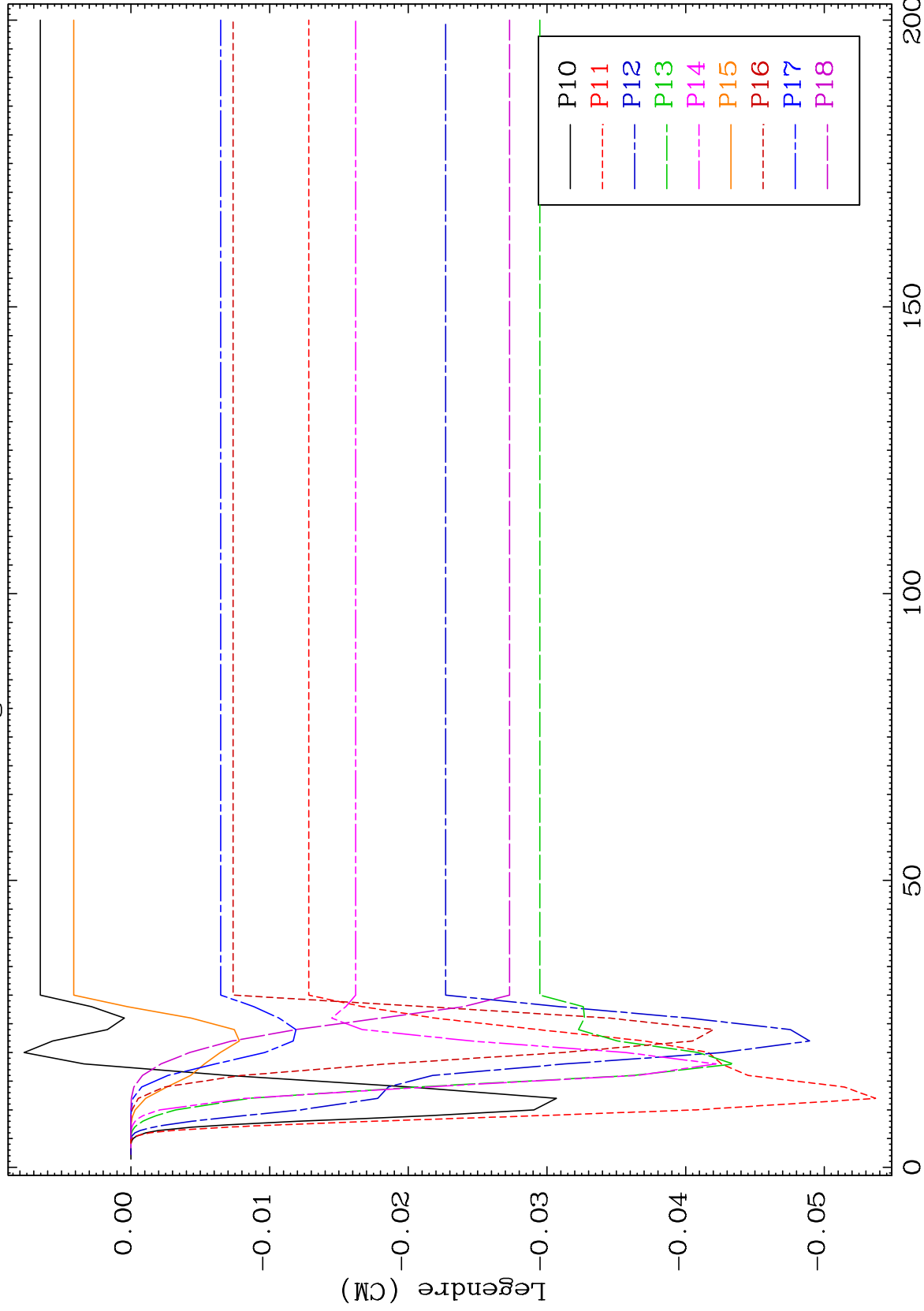
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143

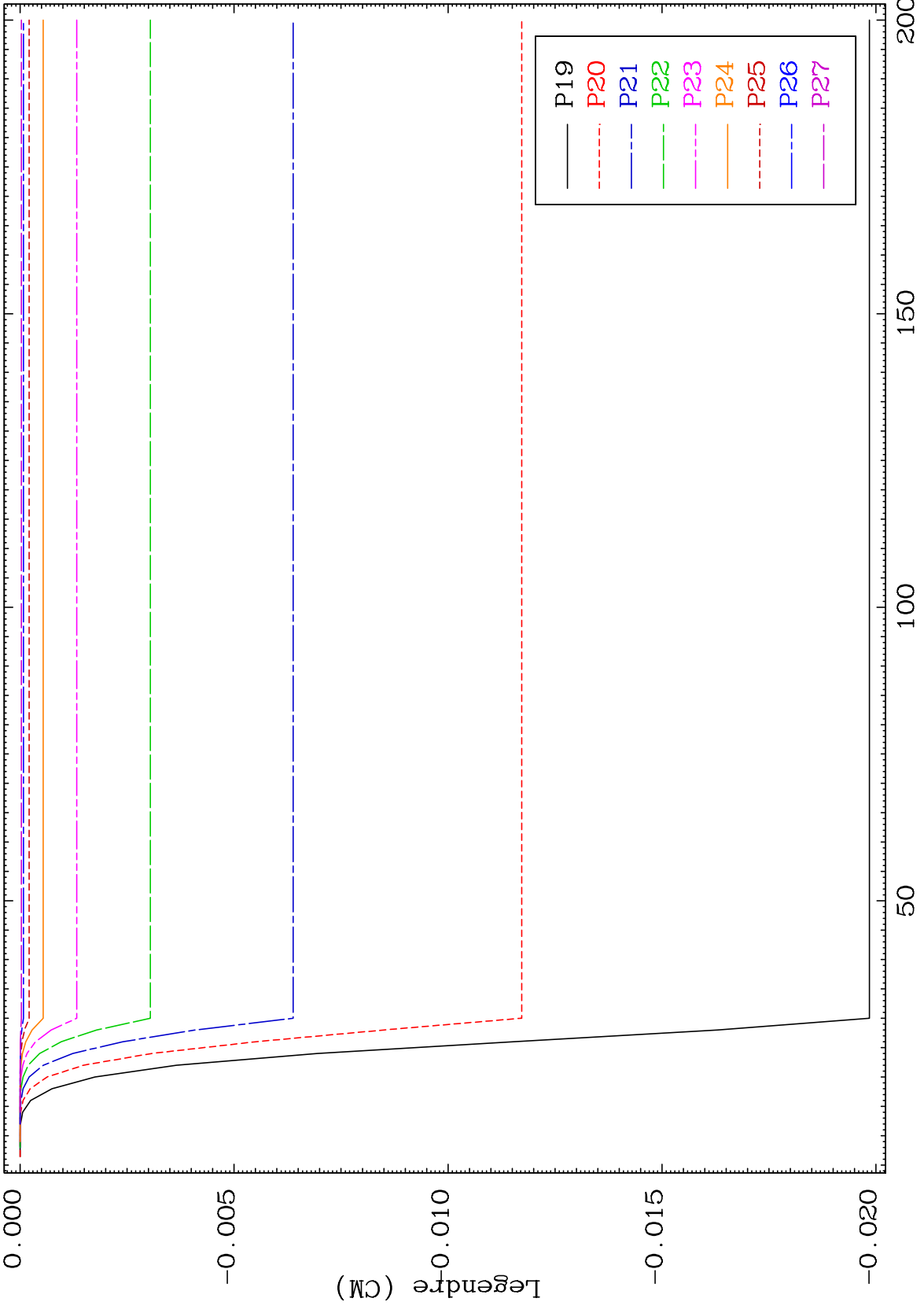


77

Incident Energy (MeV)

58-Ce-143

MAT 5846 MT= 65 (n,n') Level Legendre Coefficients 58-Ce-143

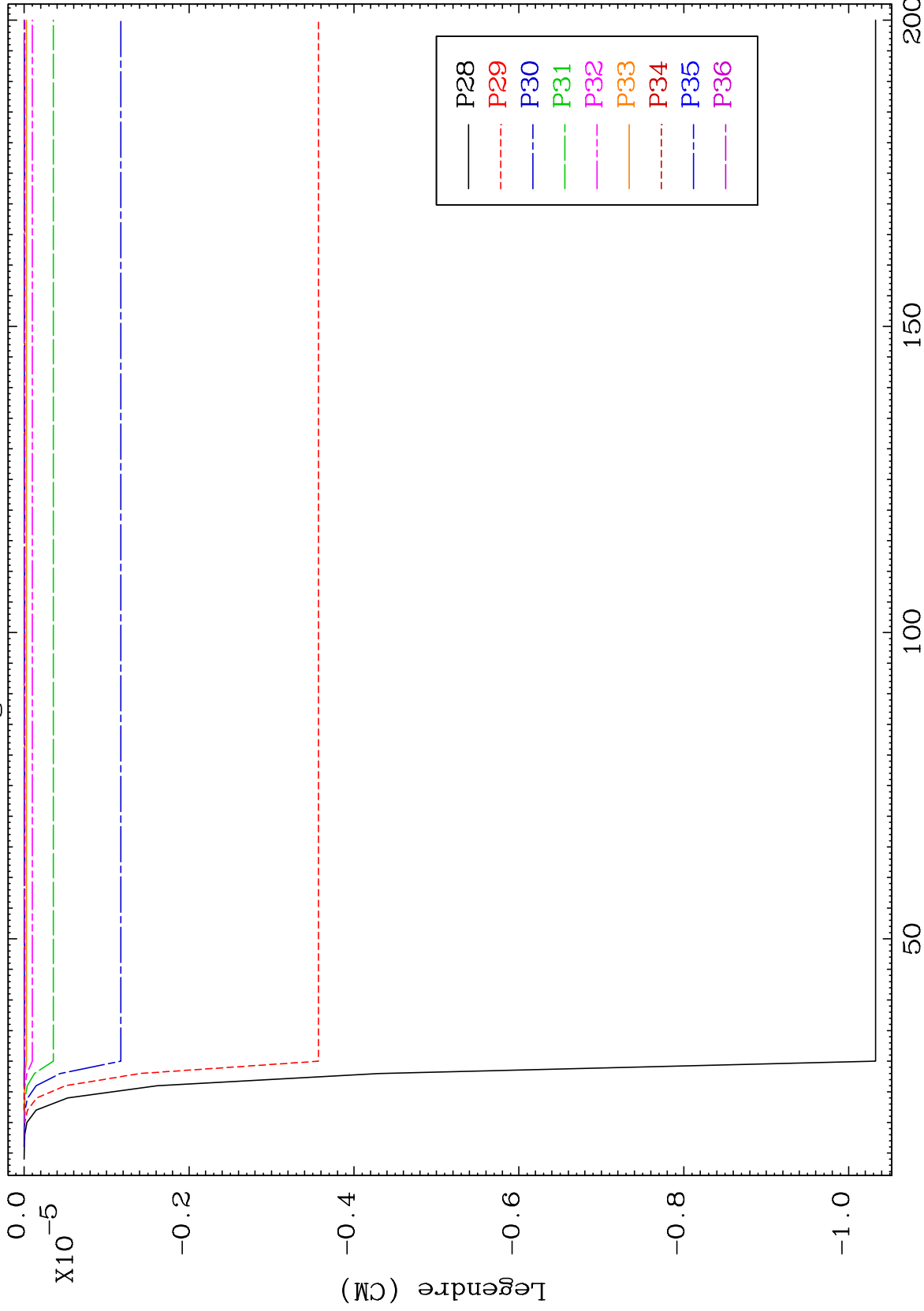


78 58-Ce-143

MAT 5846

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

58-Ce-143



79

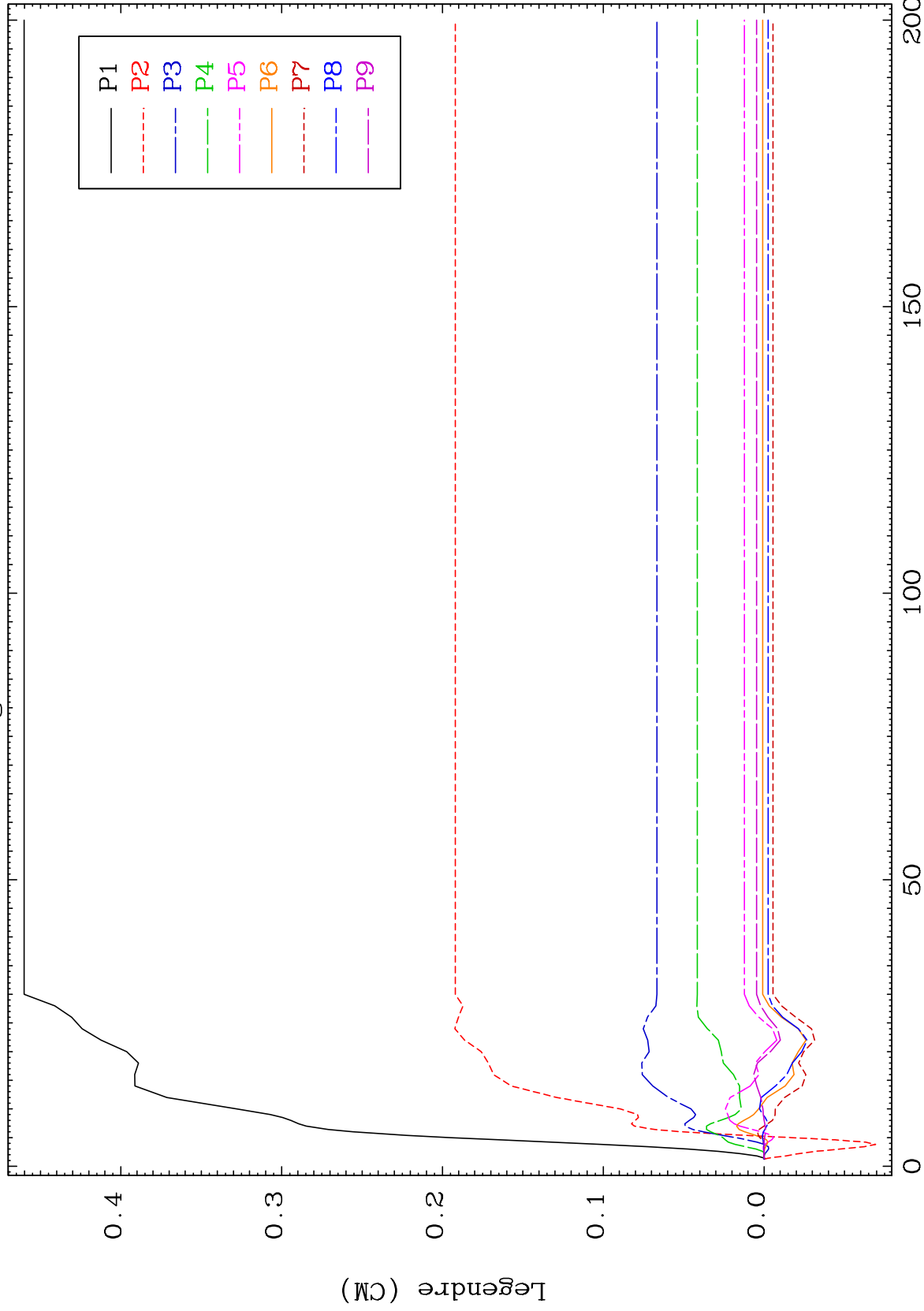
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



80

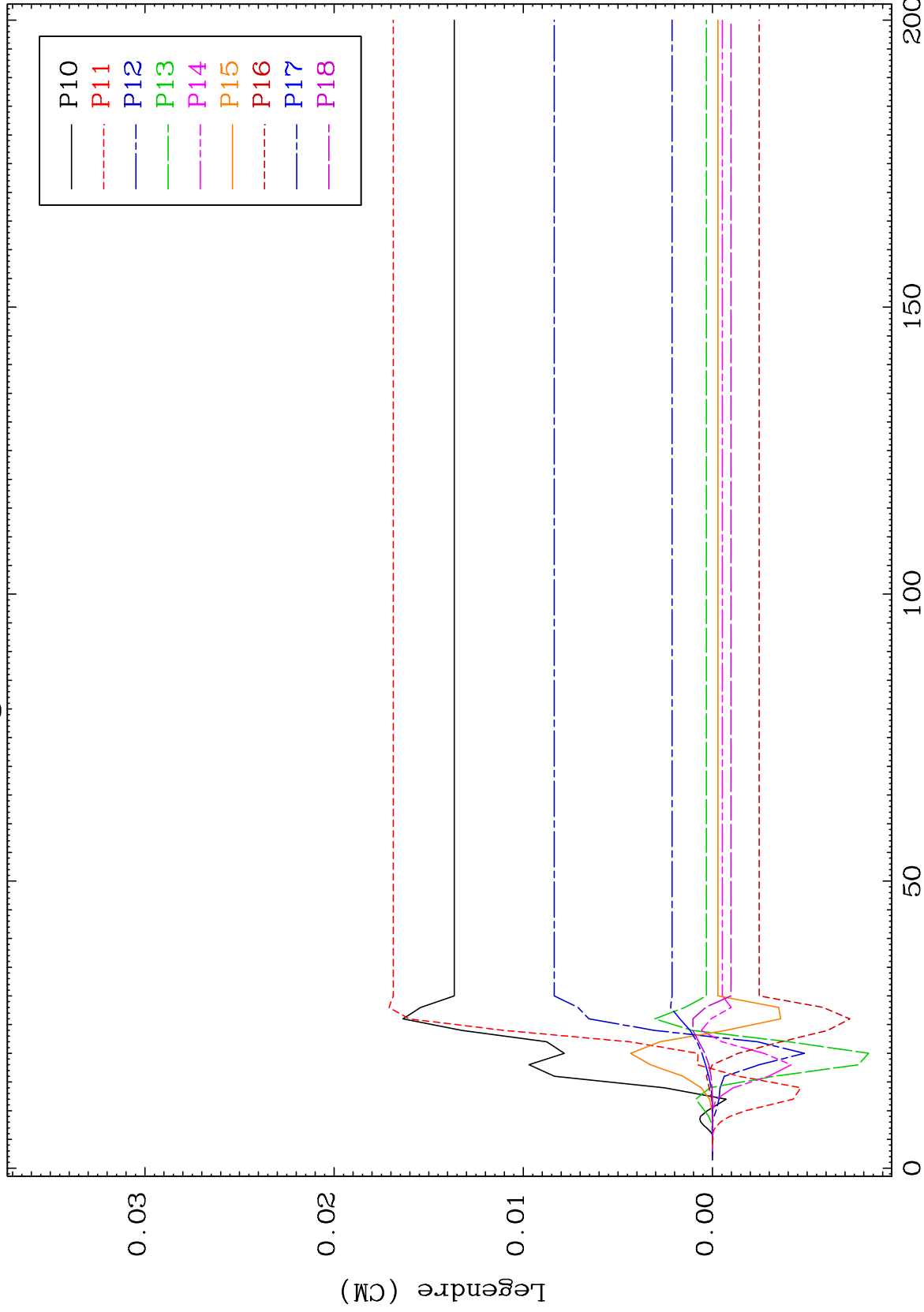
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



81

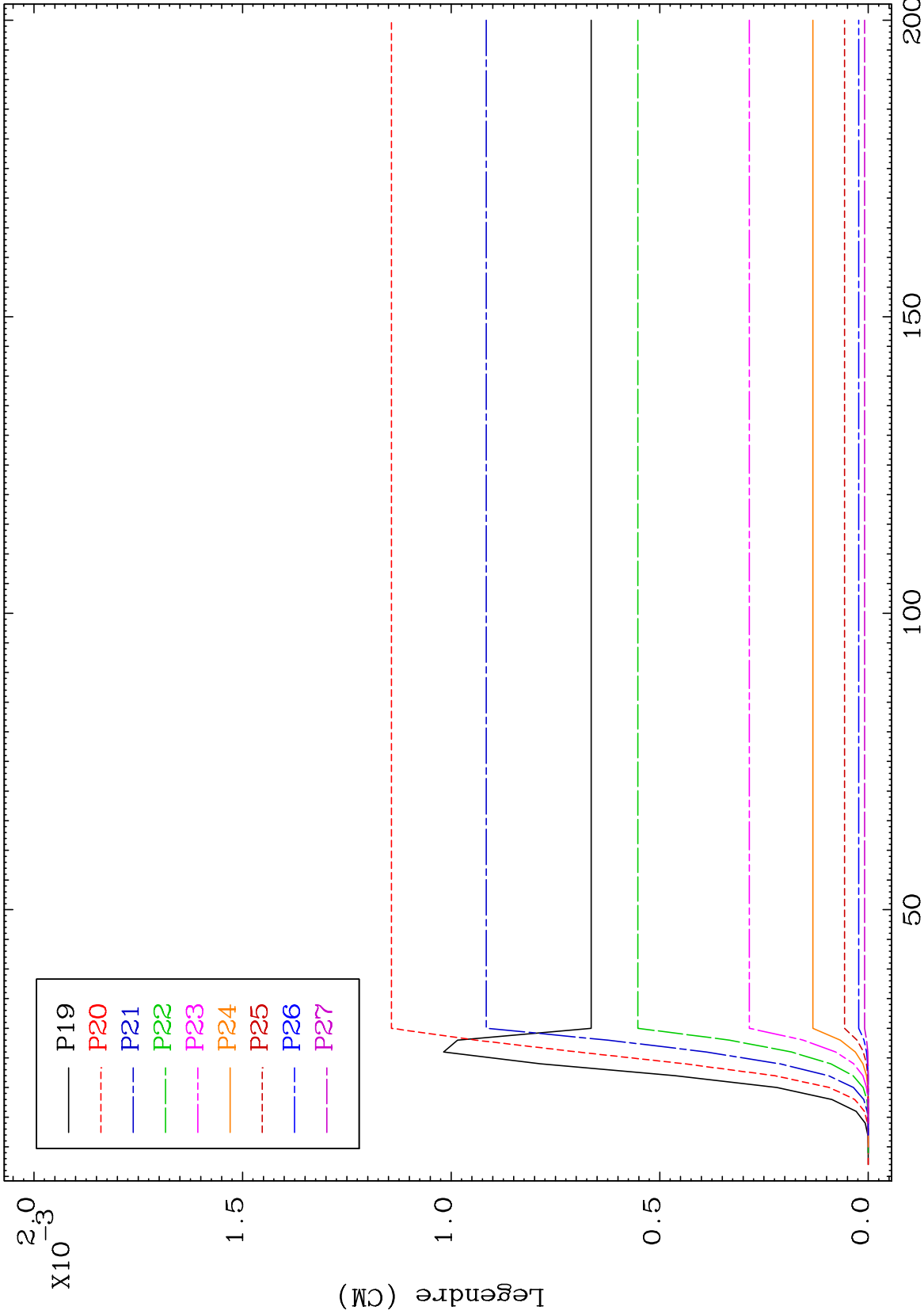
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



82

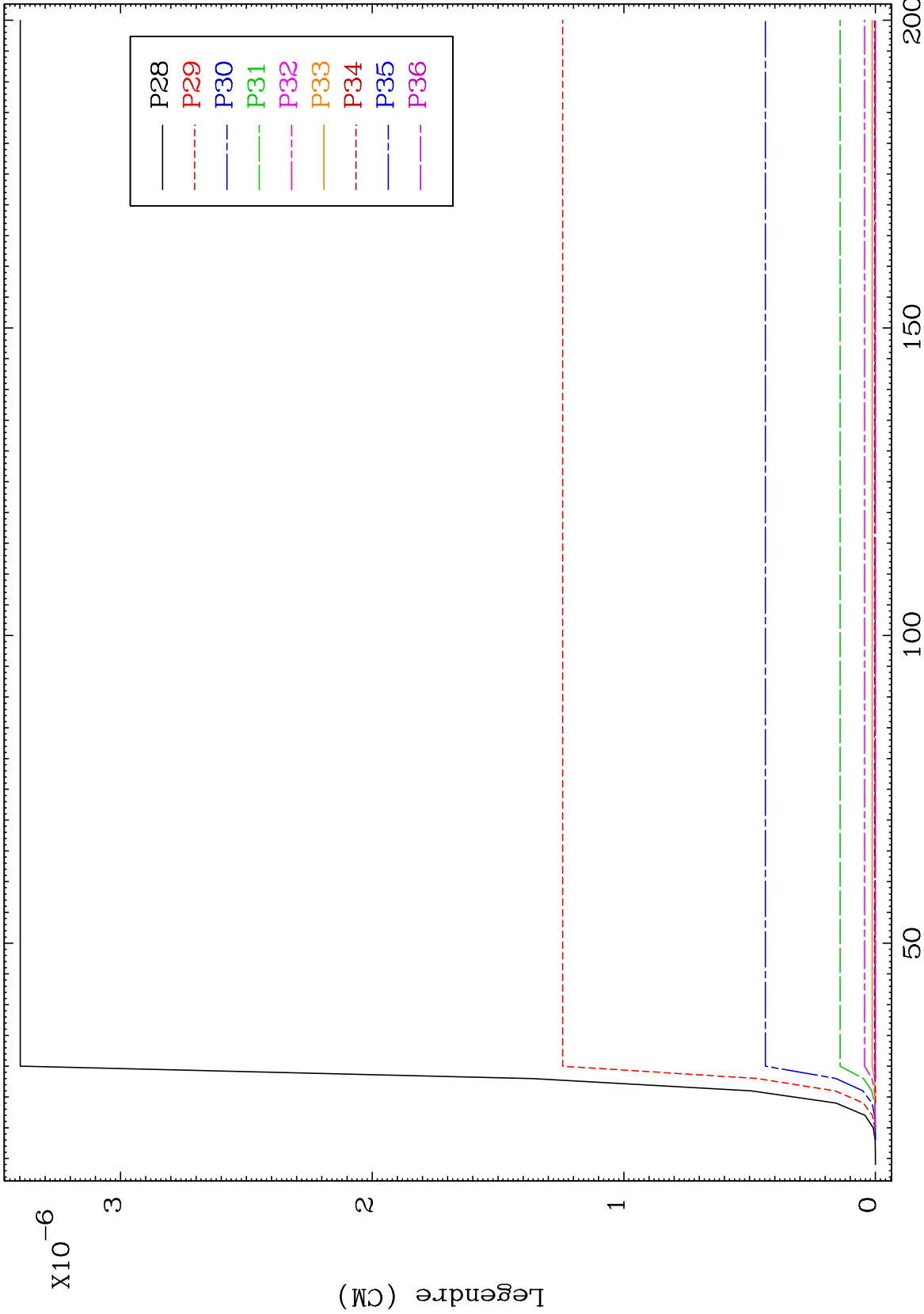
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



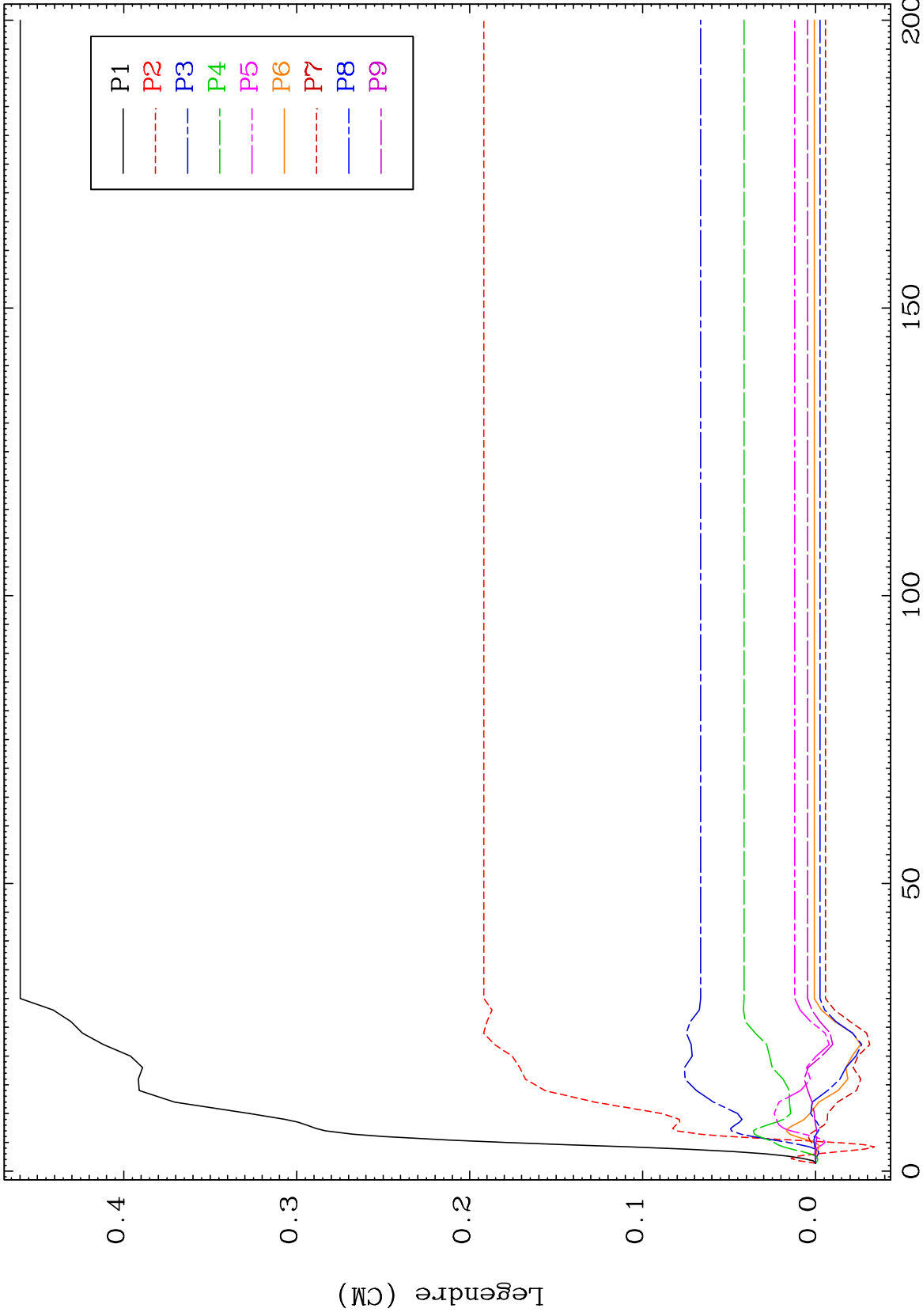
83

58-Ce-143

MAT 5846

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

58-Ce-143



84

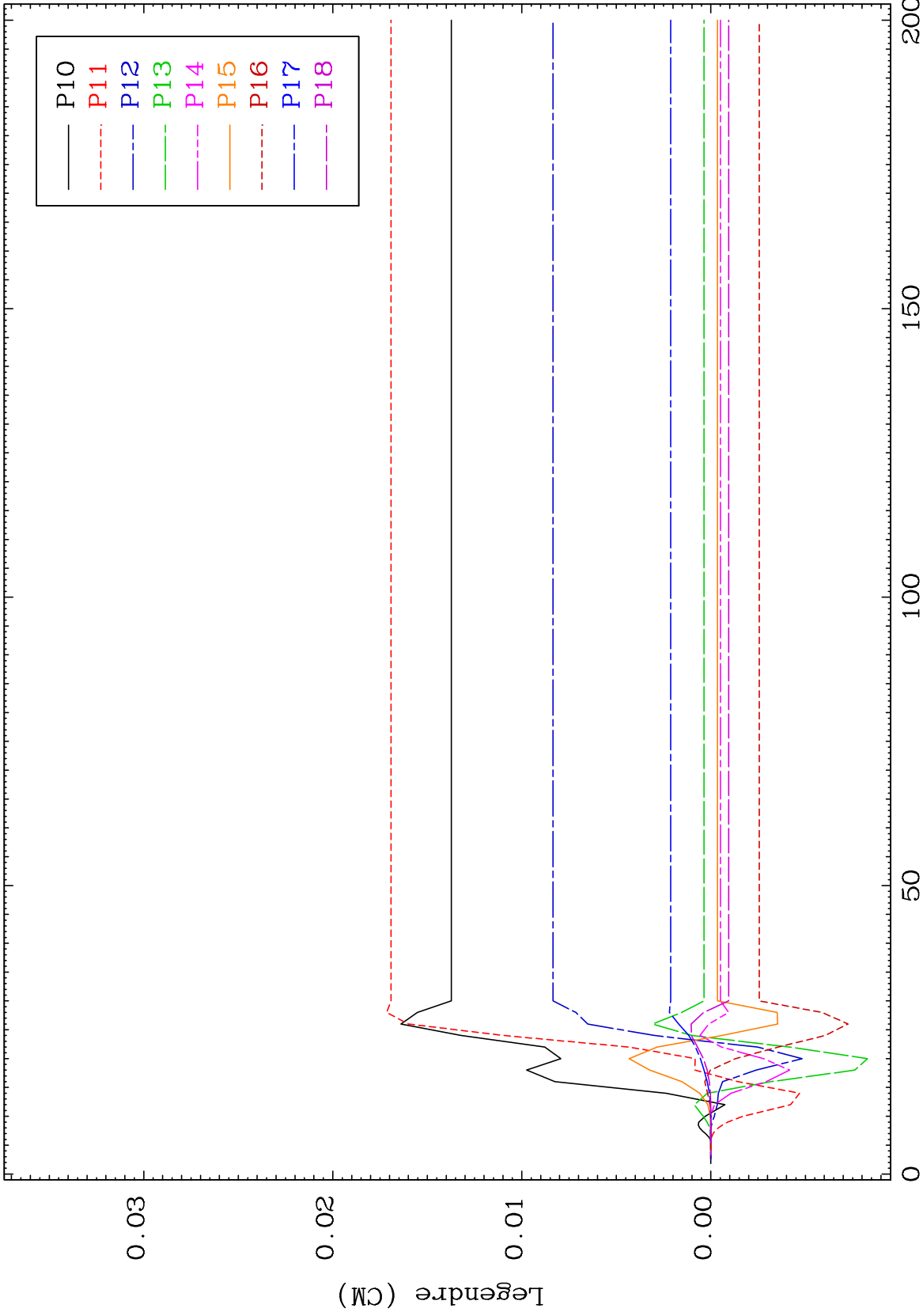
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



85

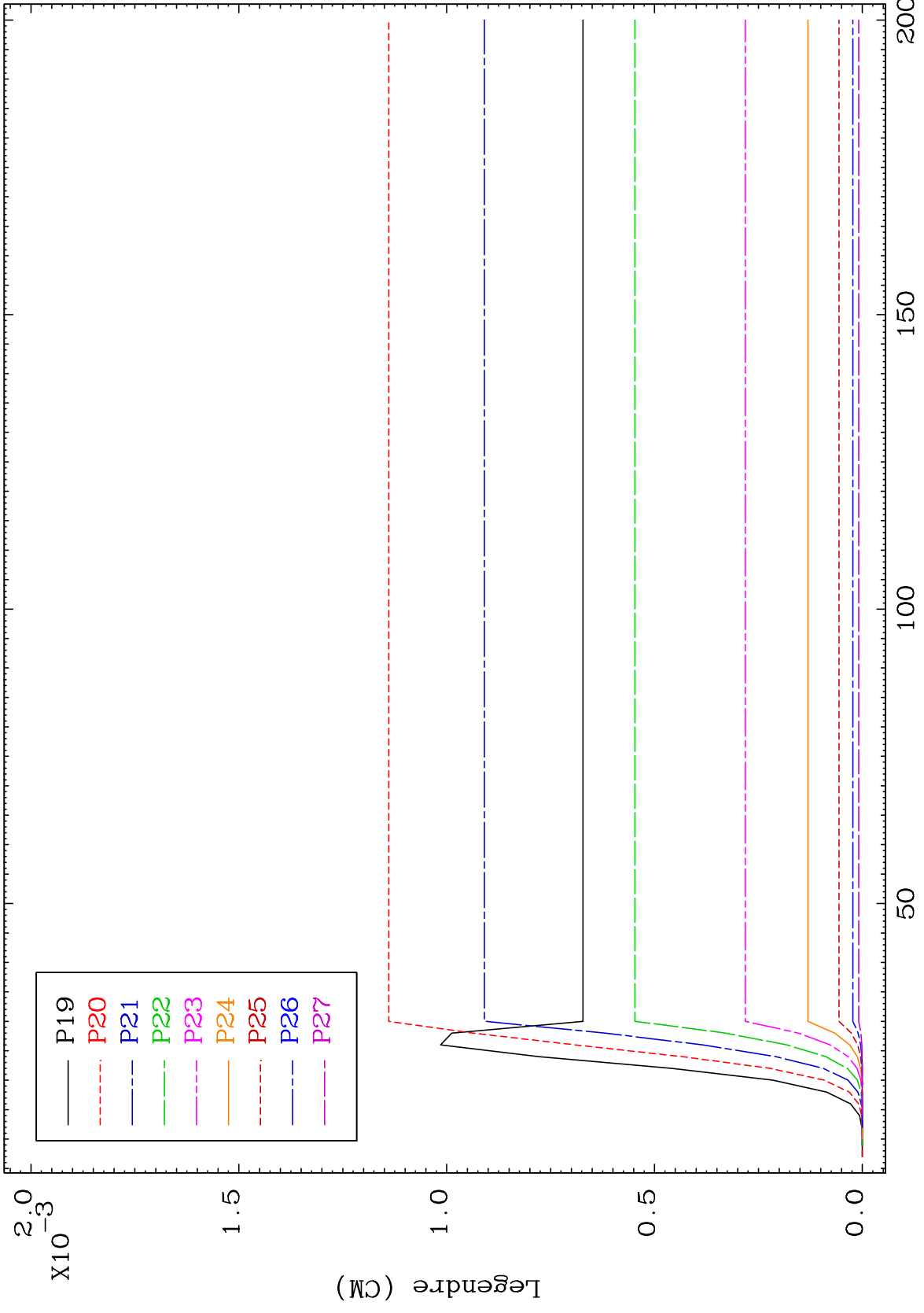
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



86

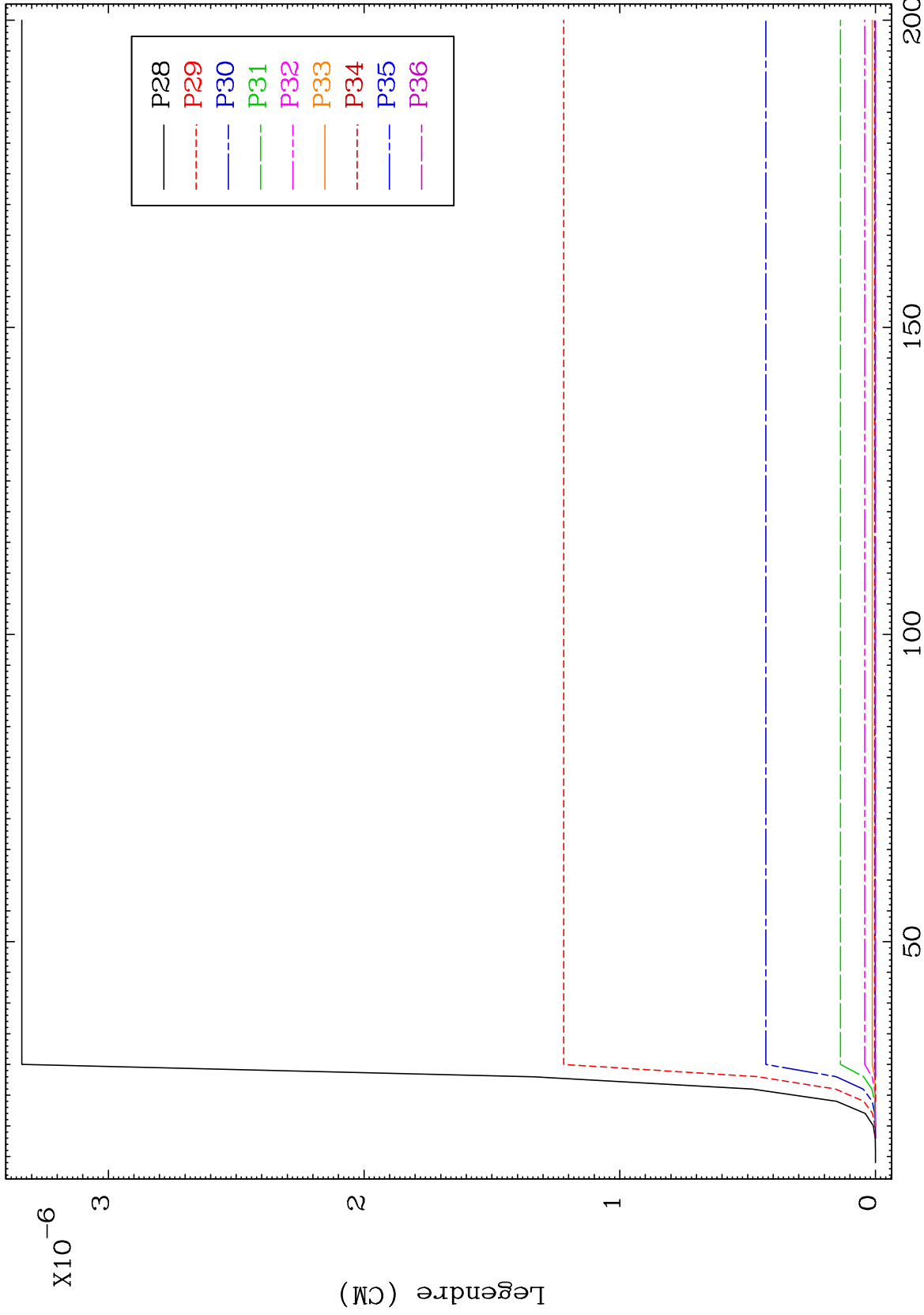
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



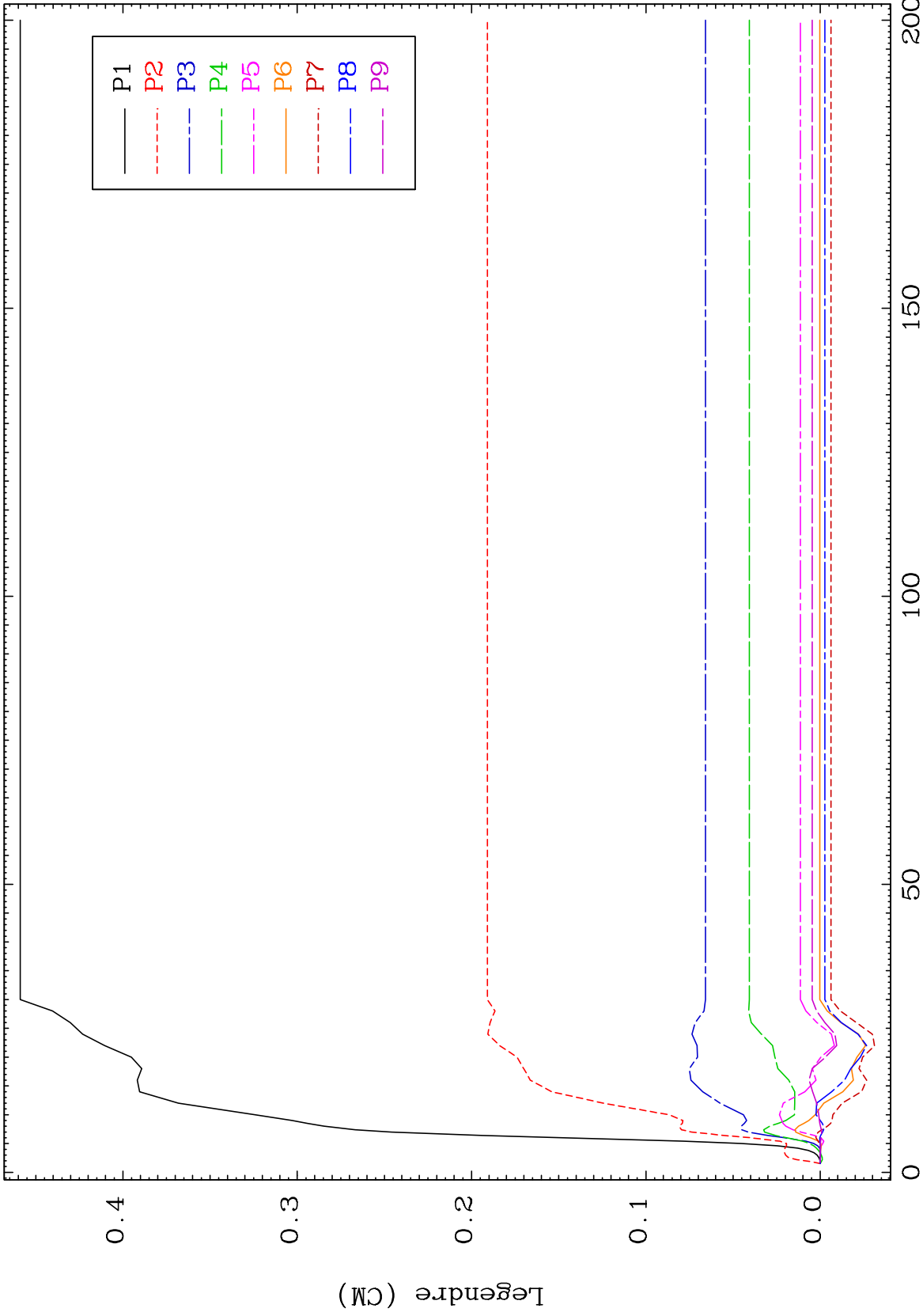
87

58-Ce-143

MAT 5846

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

58-Ce-143



88

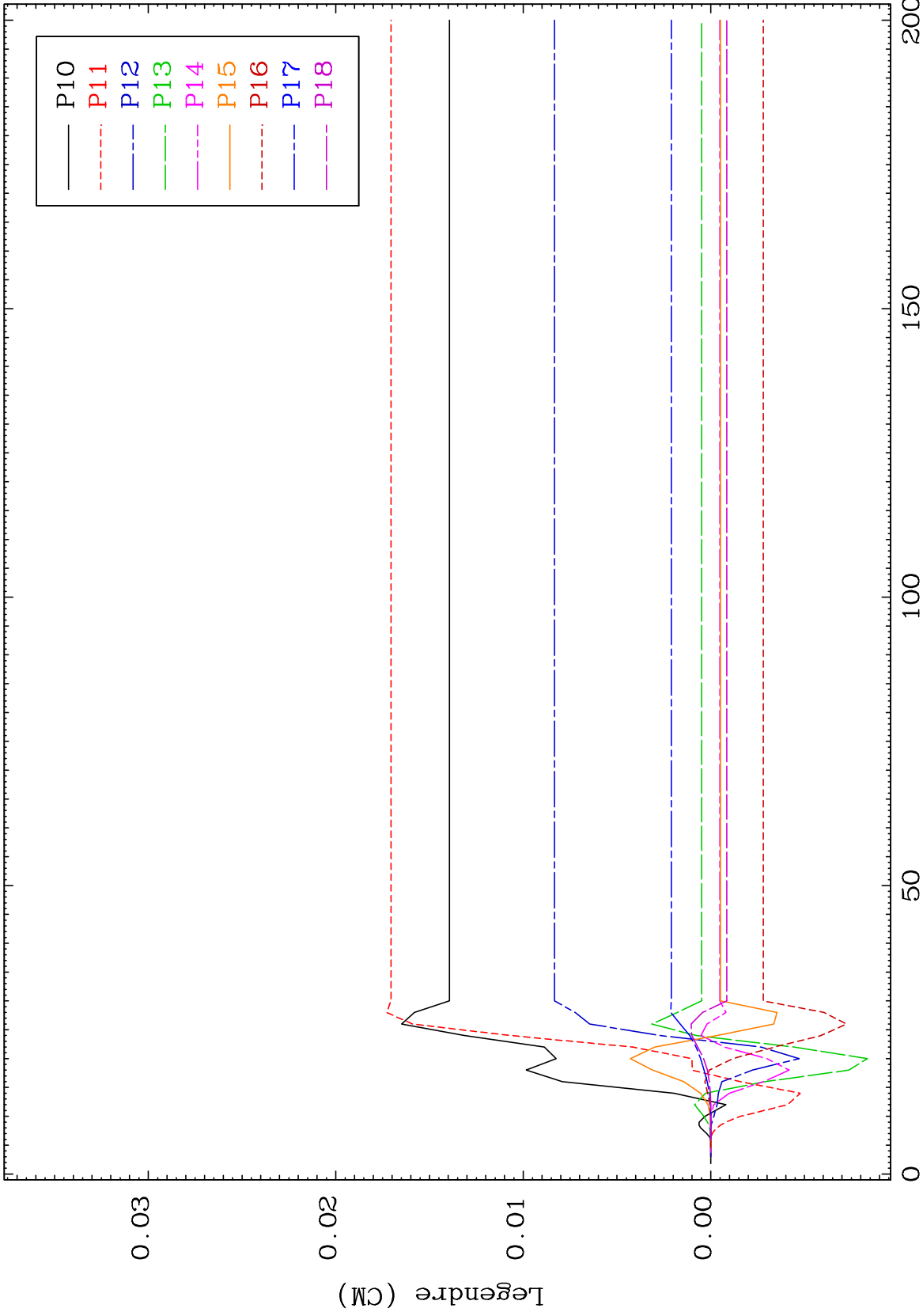
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



89

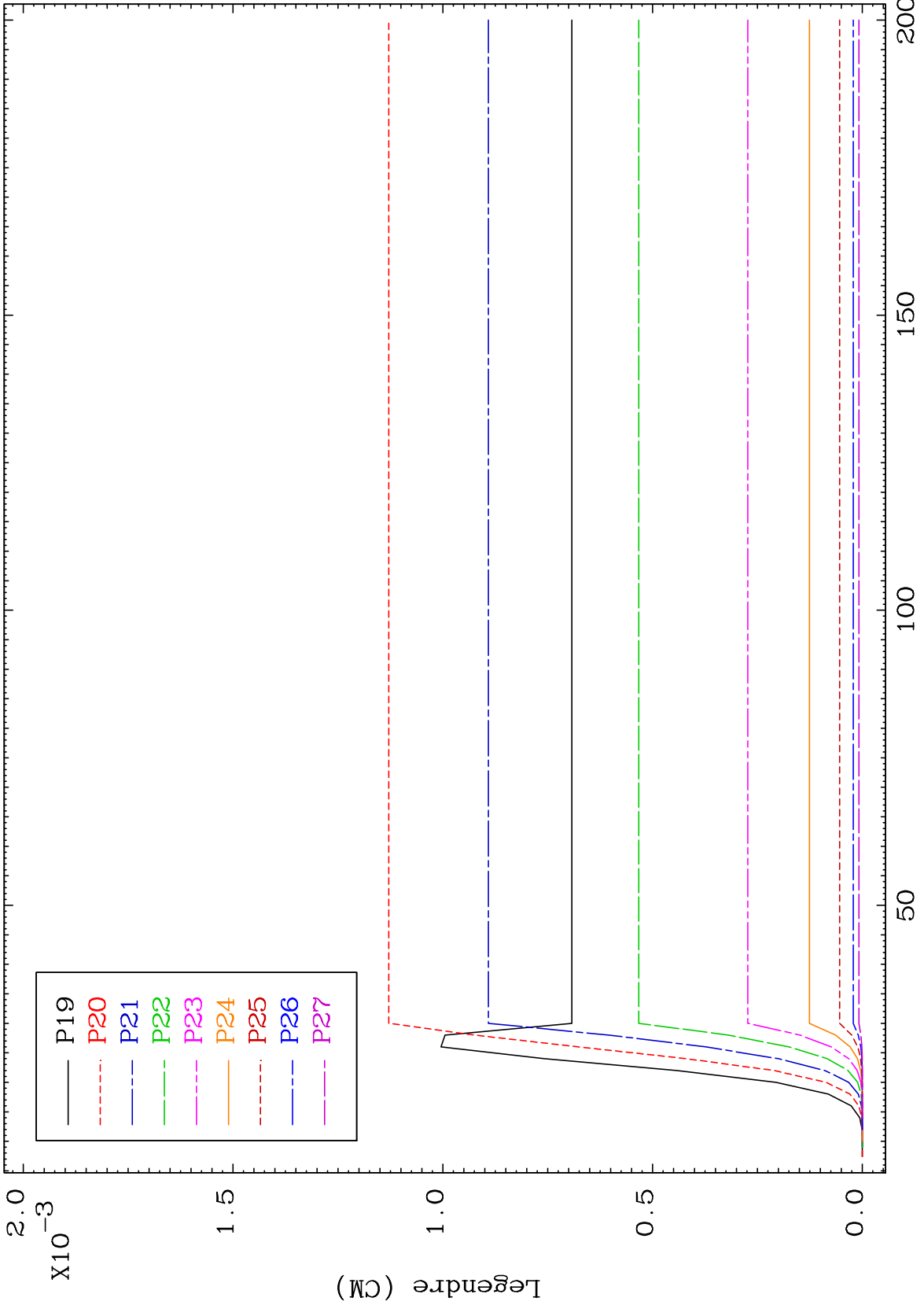
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



90

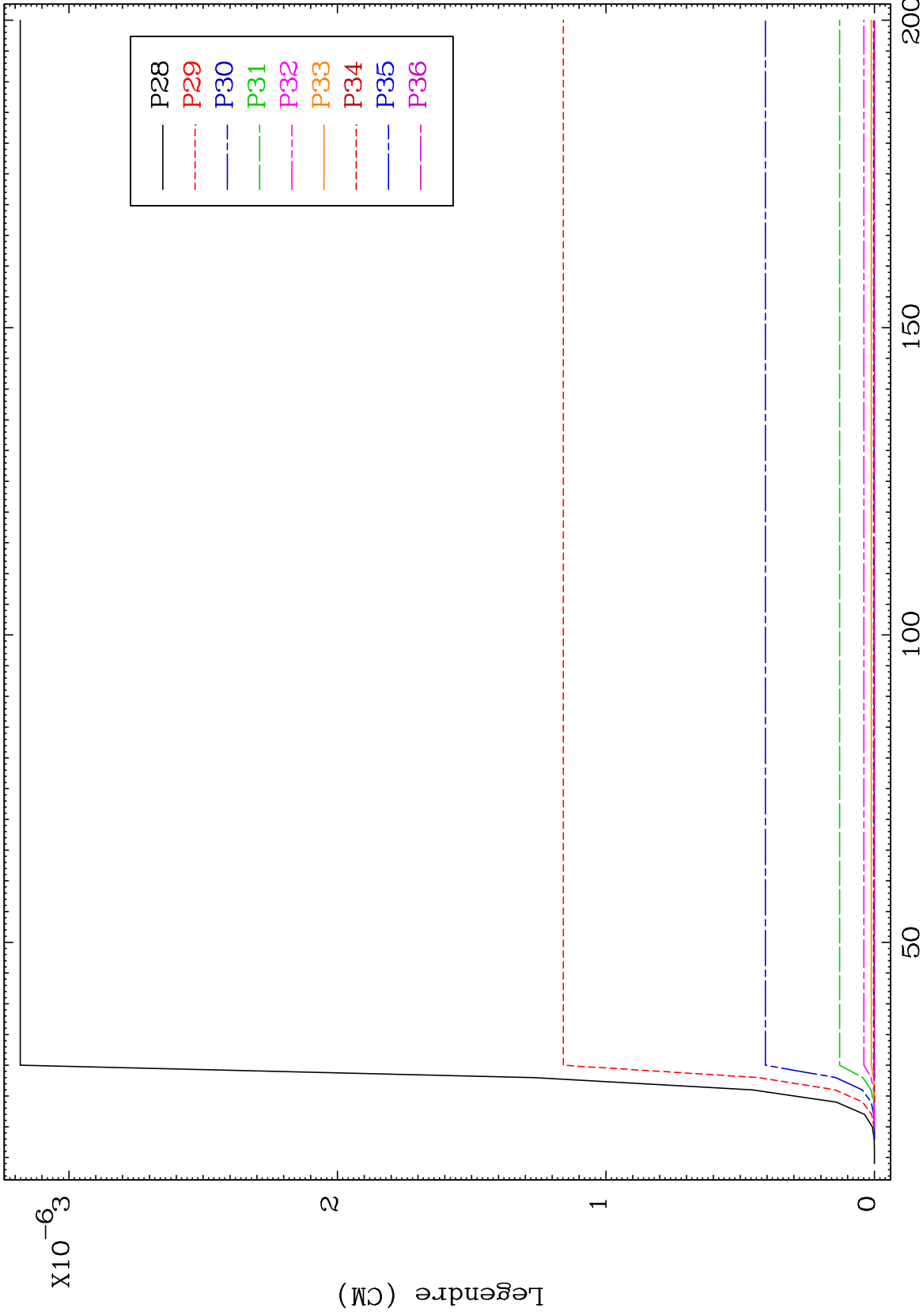
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



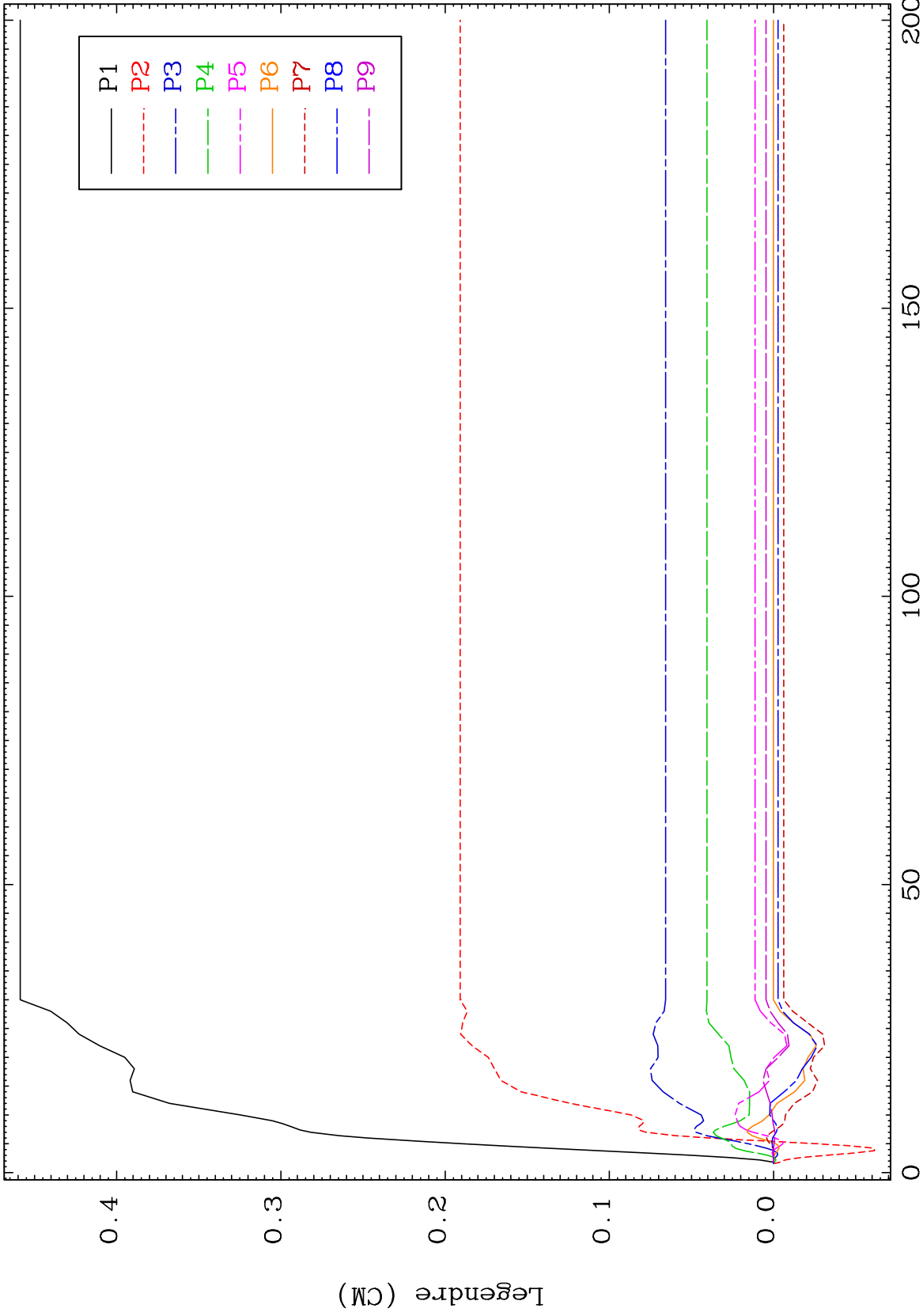
91

58-Ce-143

MAT 5846

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

58-Ce-143



92

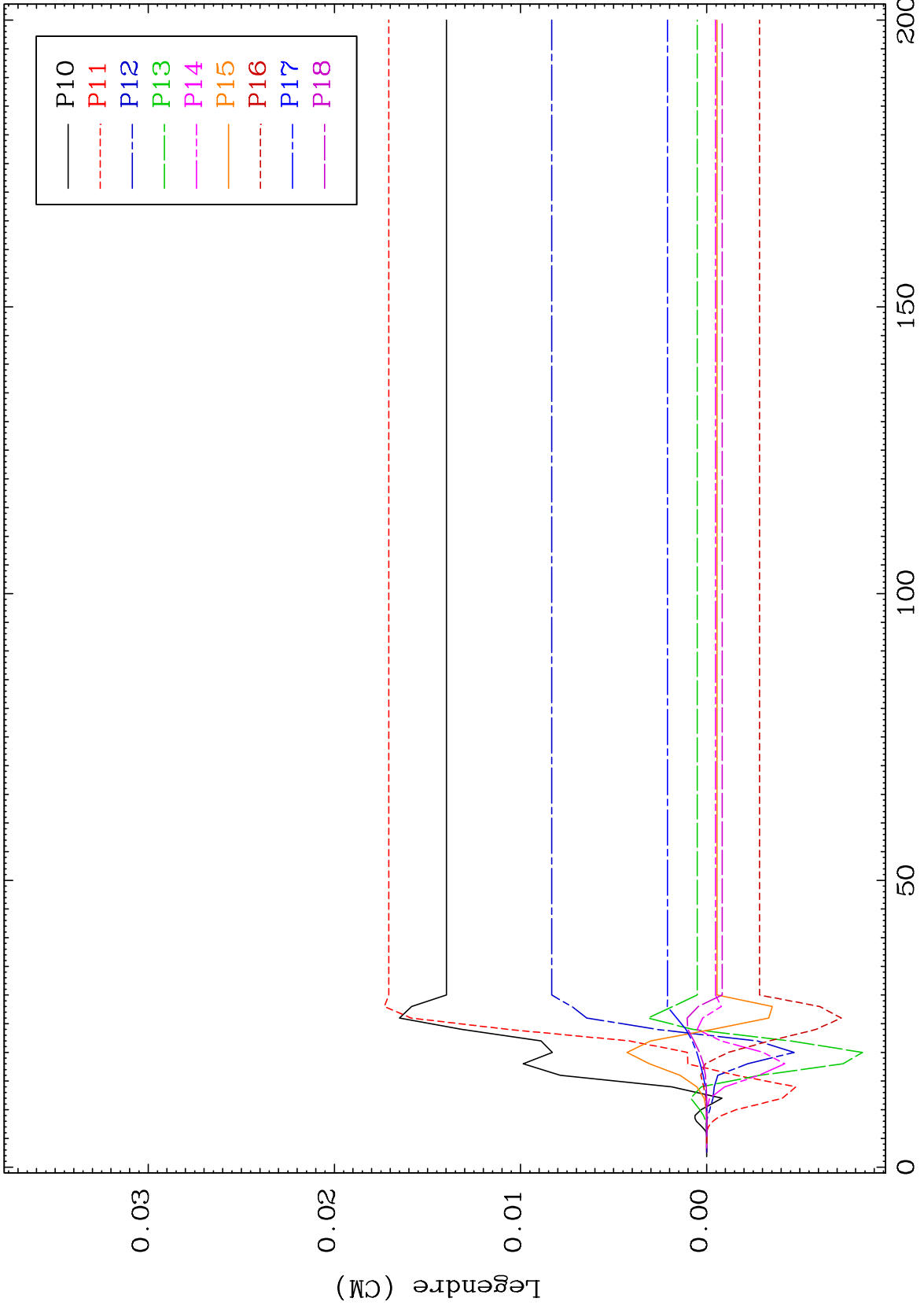
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



93

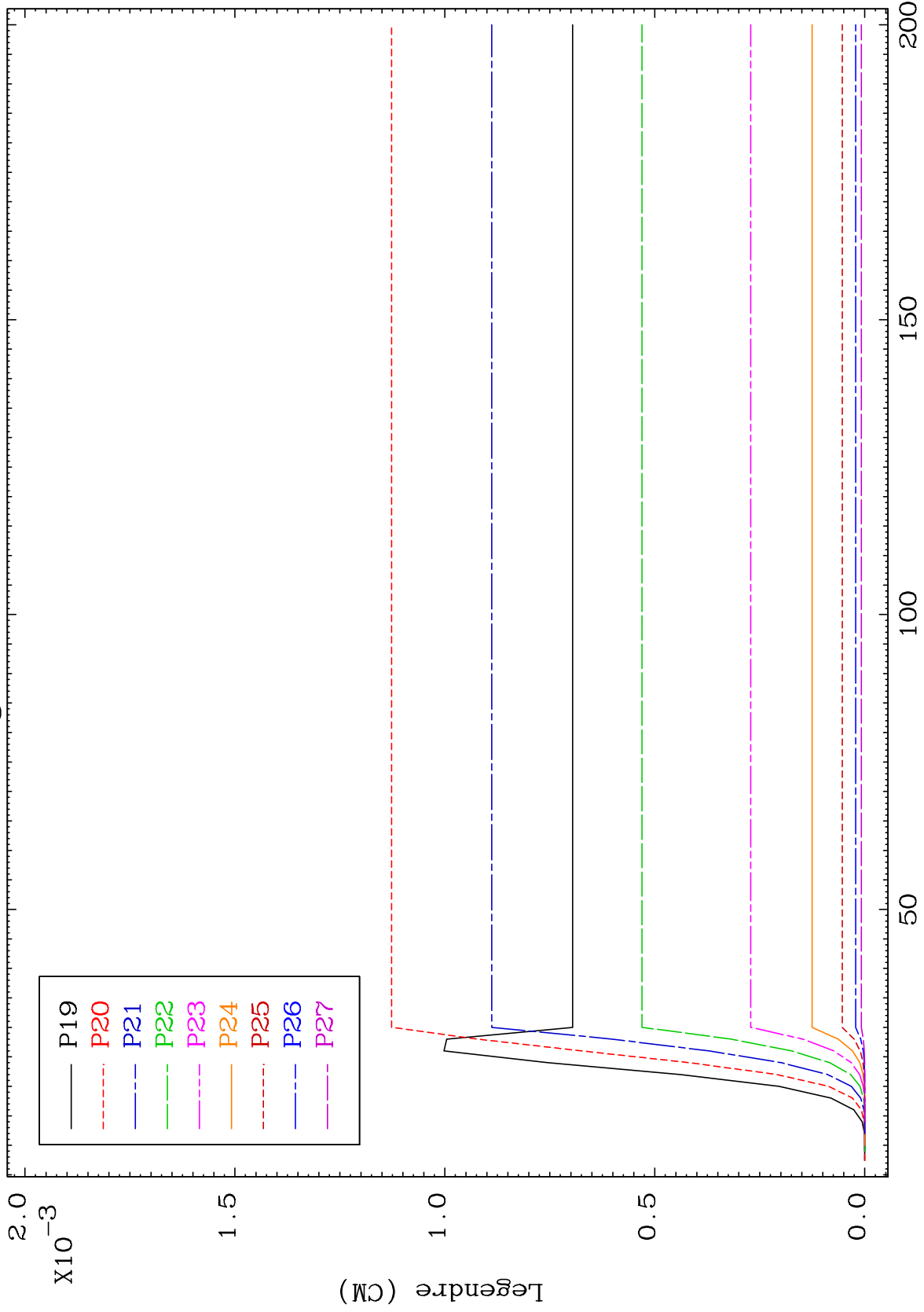
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



94

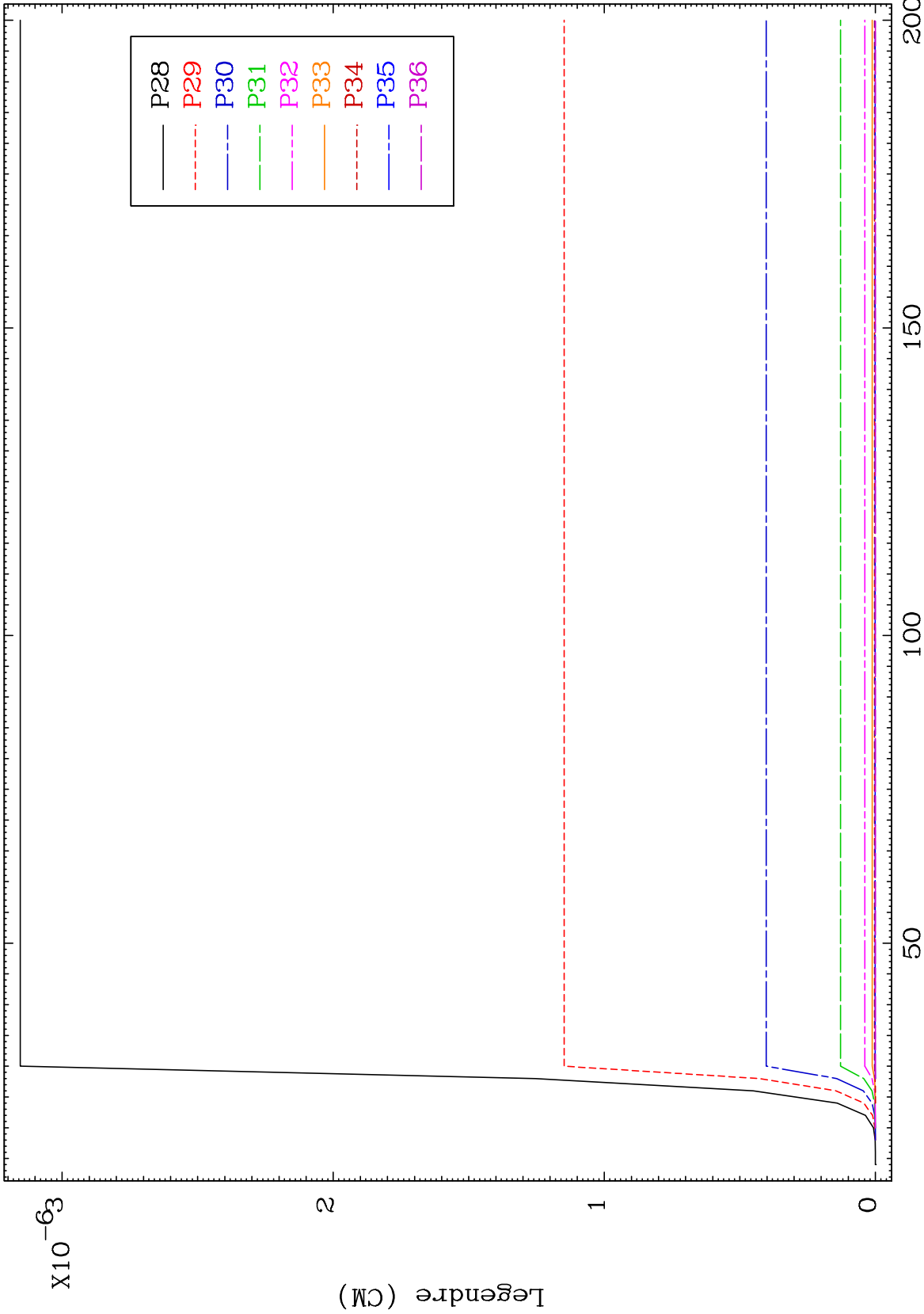
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143

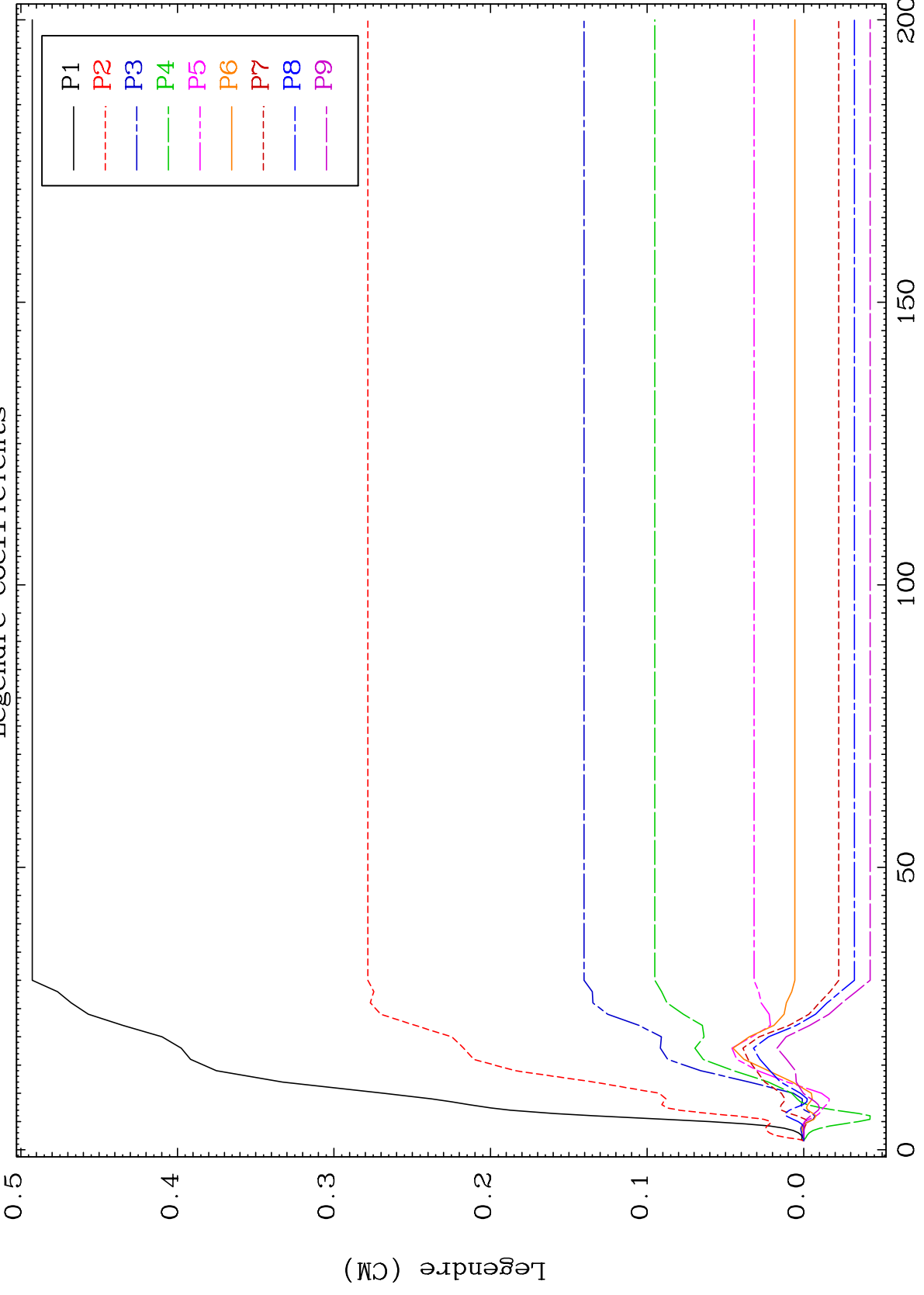


95

Incident Energy (MeV)

58-Ce-143

MAT 5846 MT= 70 (n,n') Level Legendre Coefficients 58-Ce-143

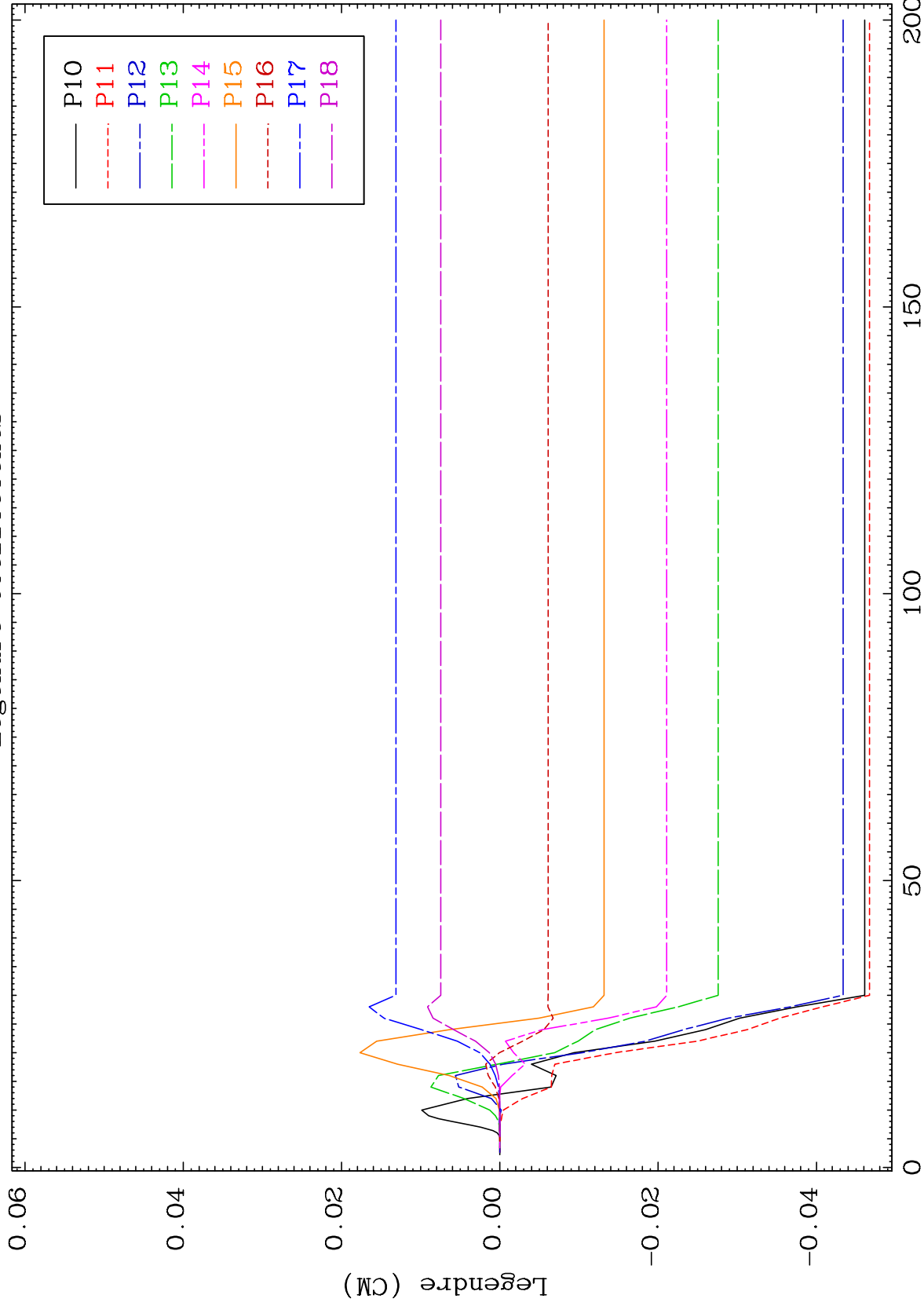


96 58-Ce-143

MAT 5846

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

58-Ce-143



97

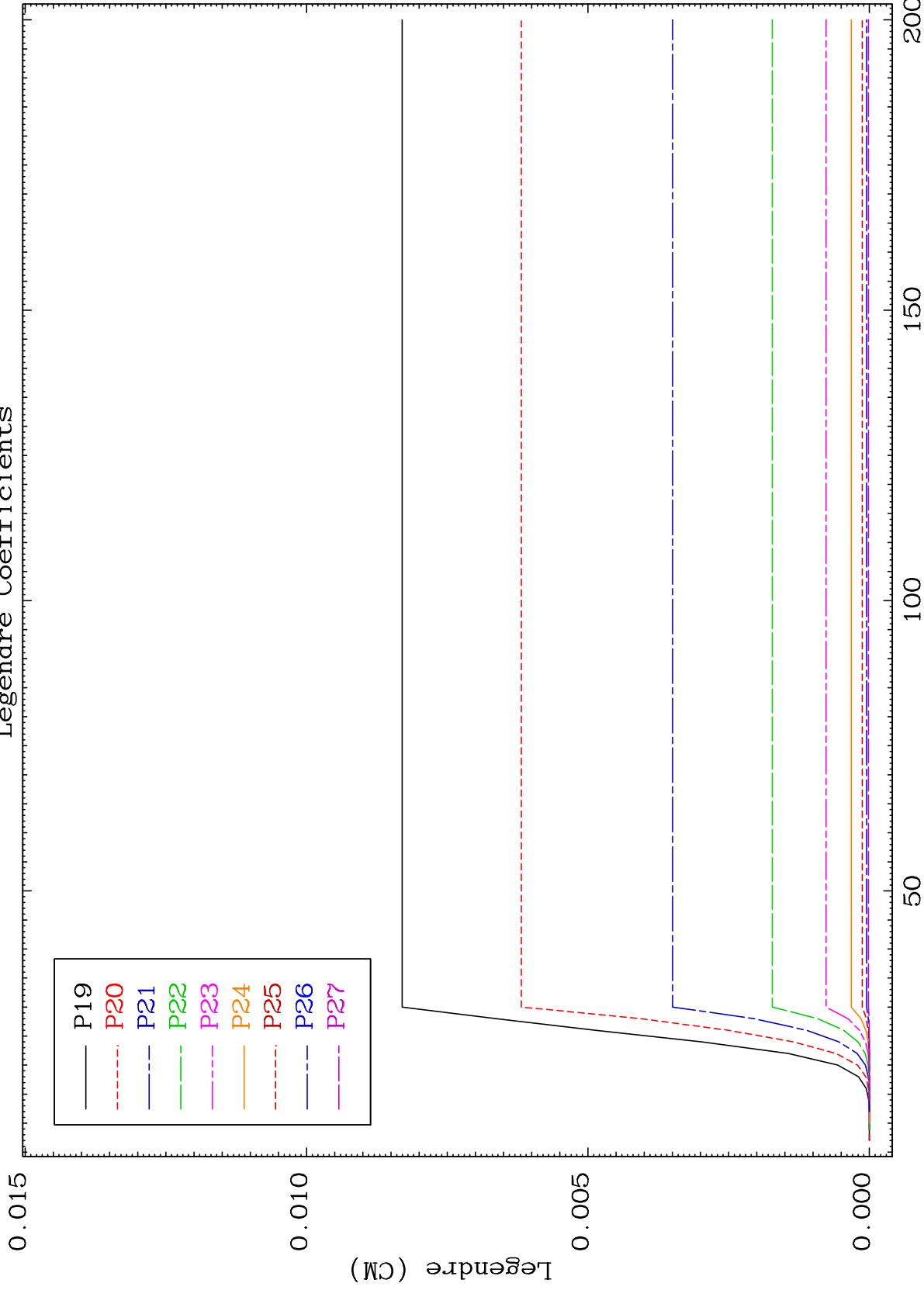
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



98

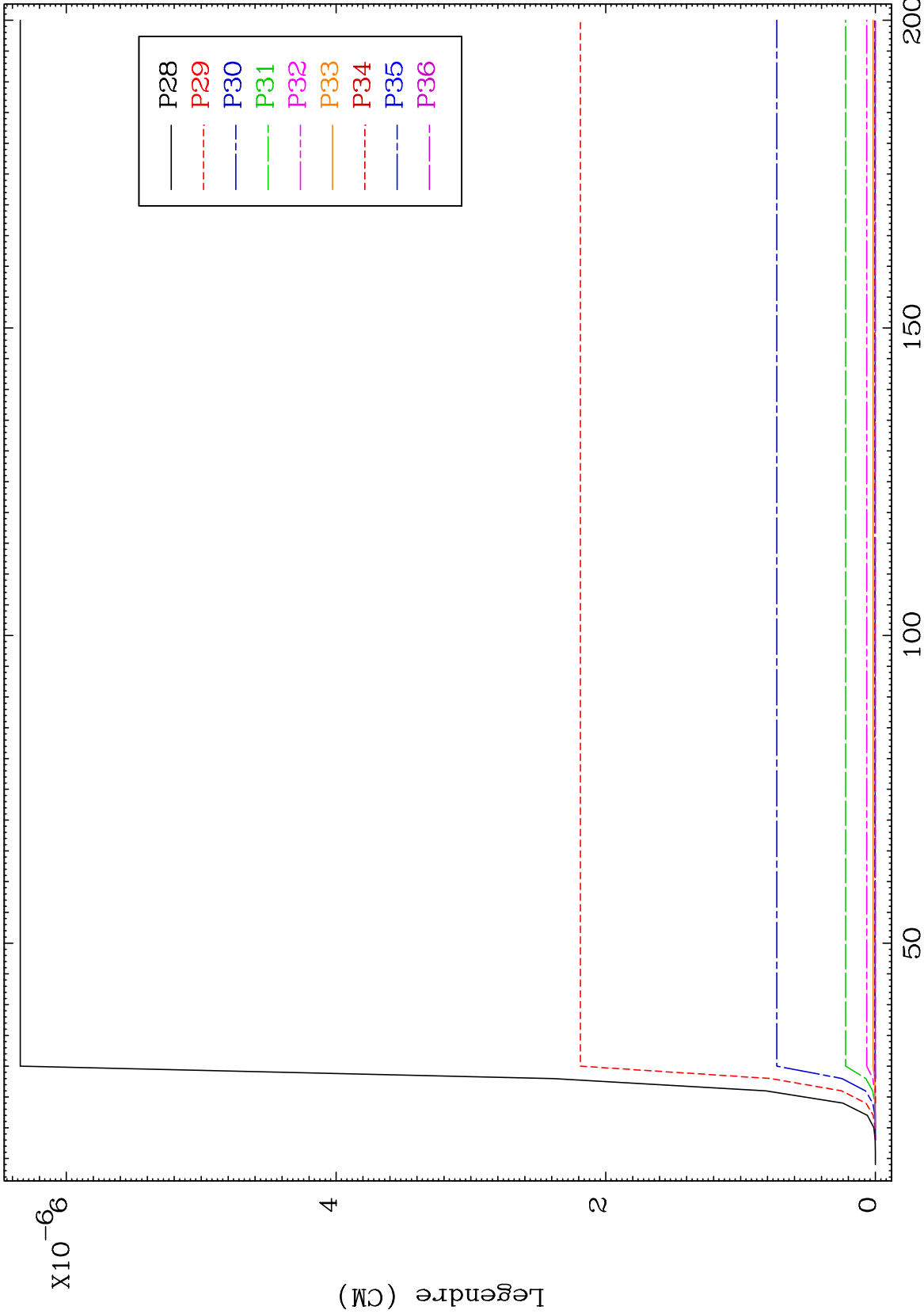
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



99

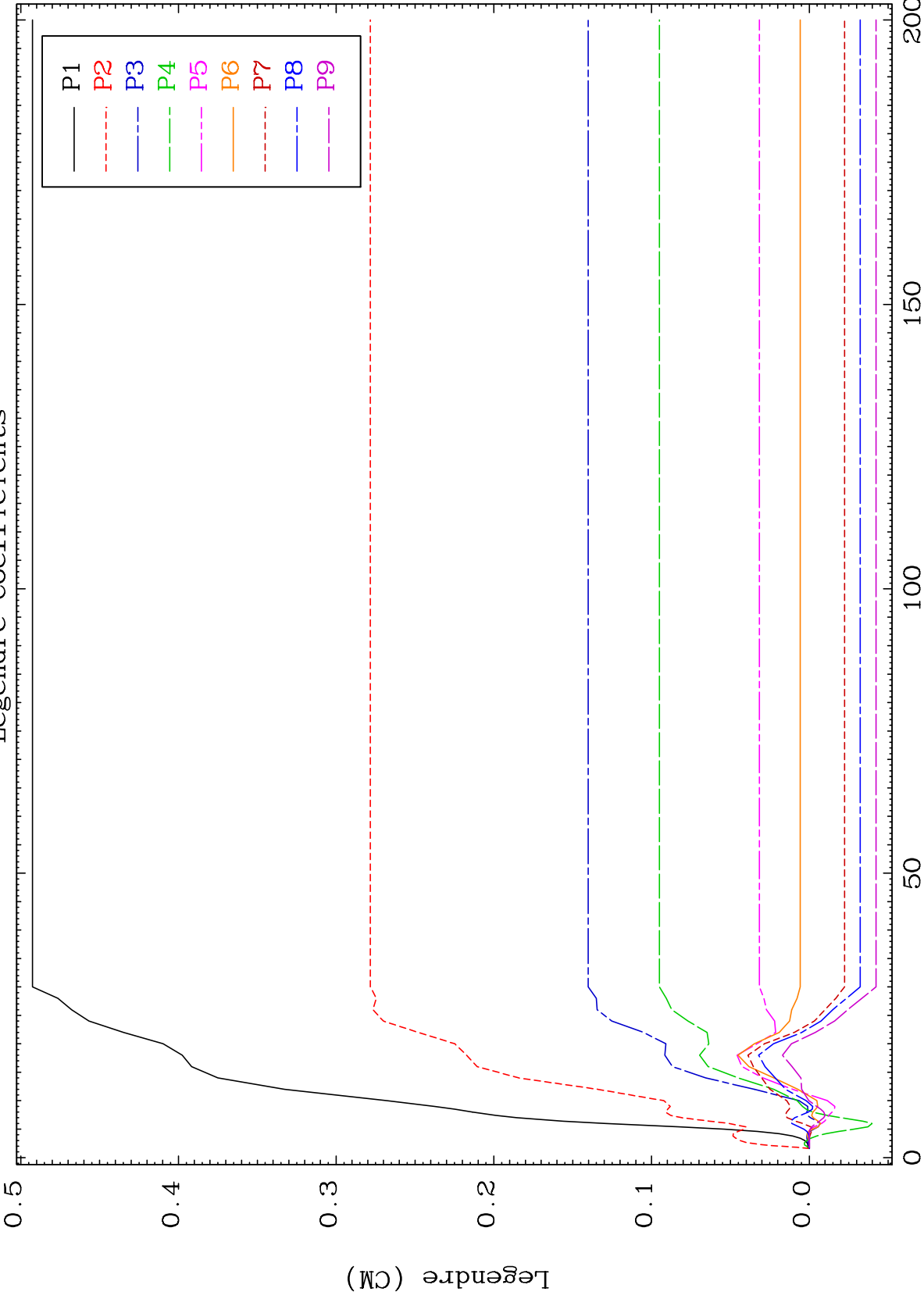
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



58-Ce-143

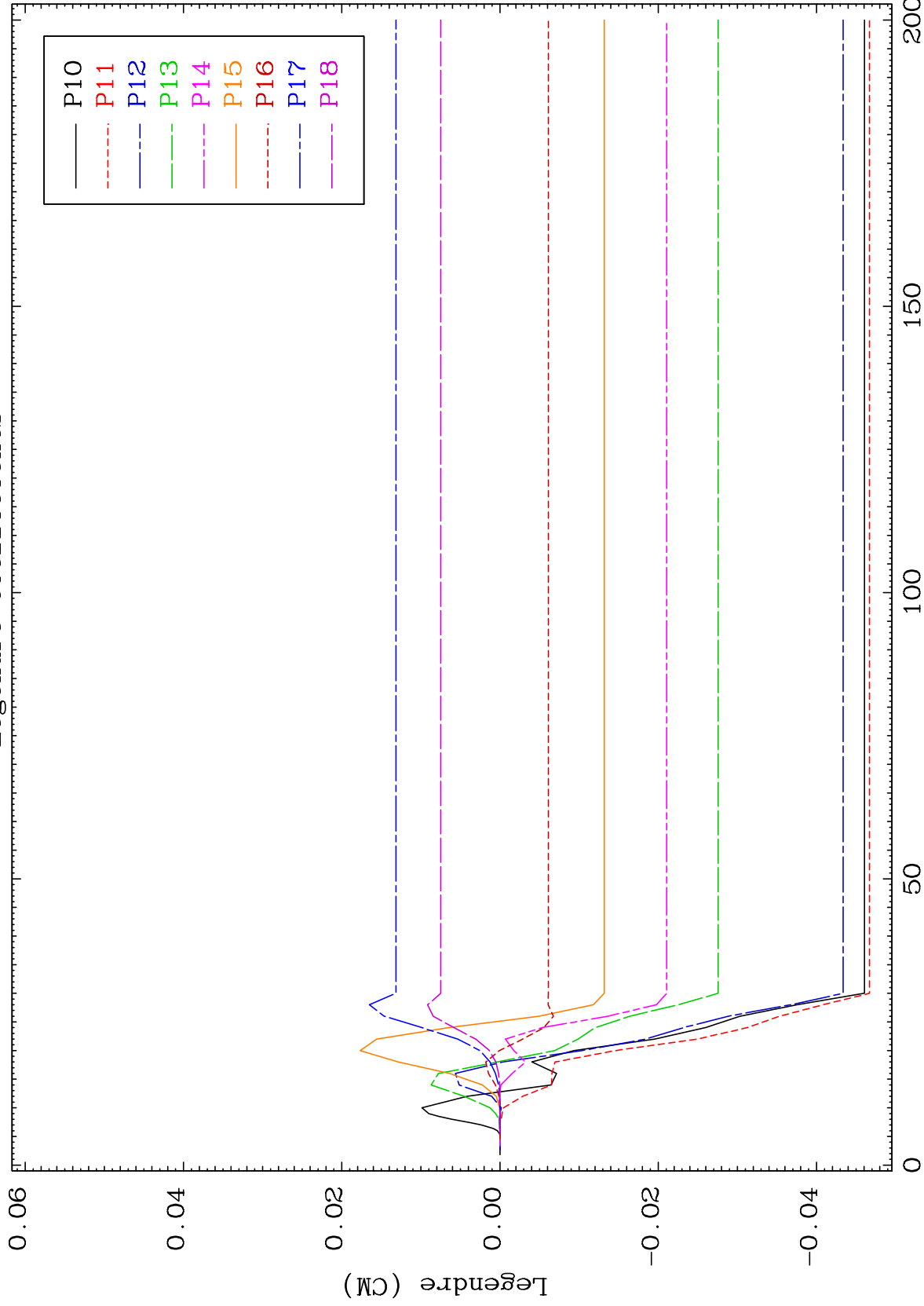
Incident Energy (MeV)

100

MAT 5846

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

58-Ce-143



101

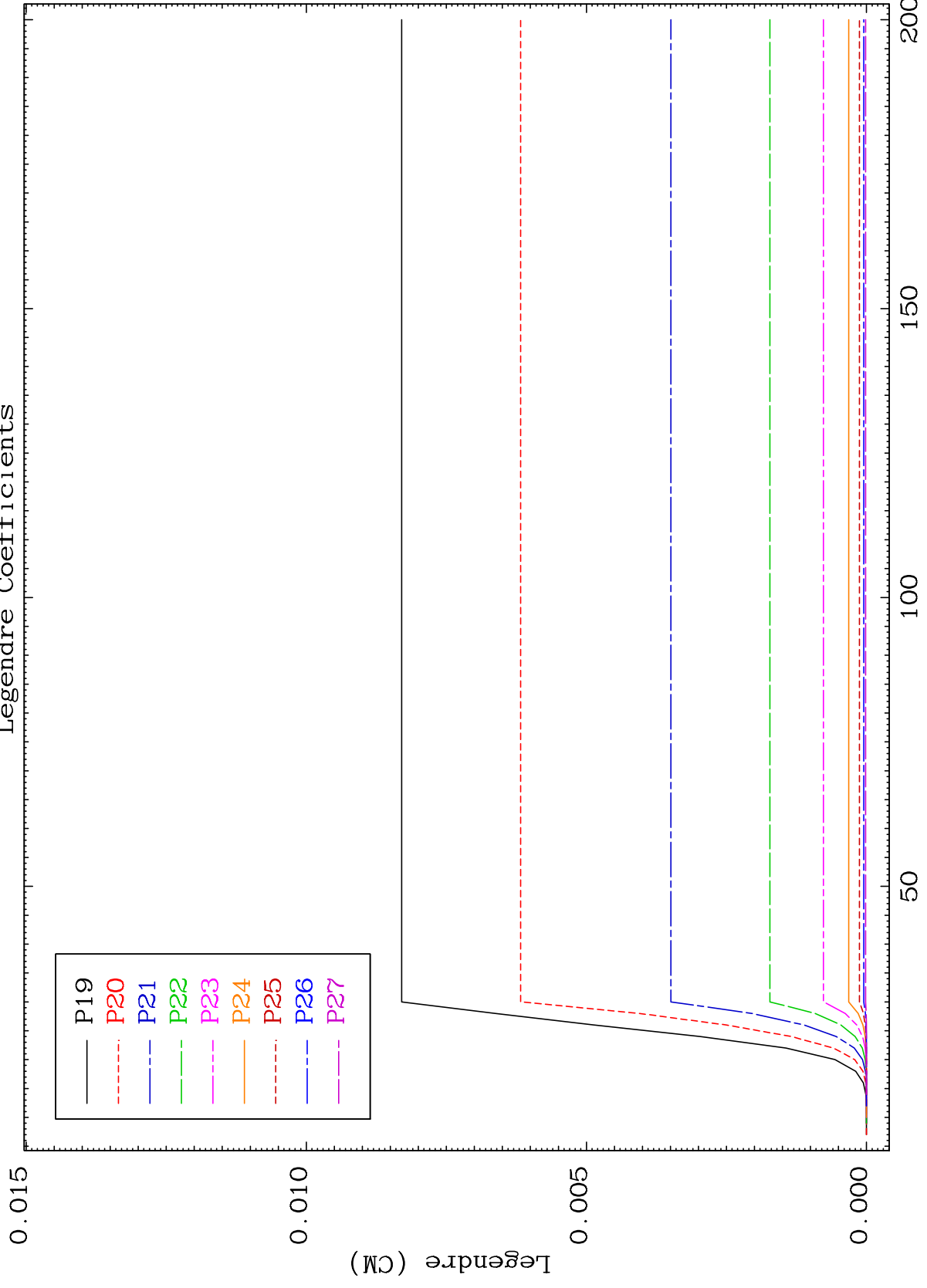
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



102

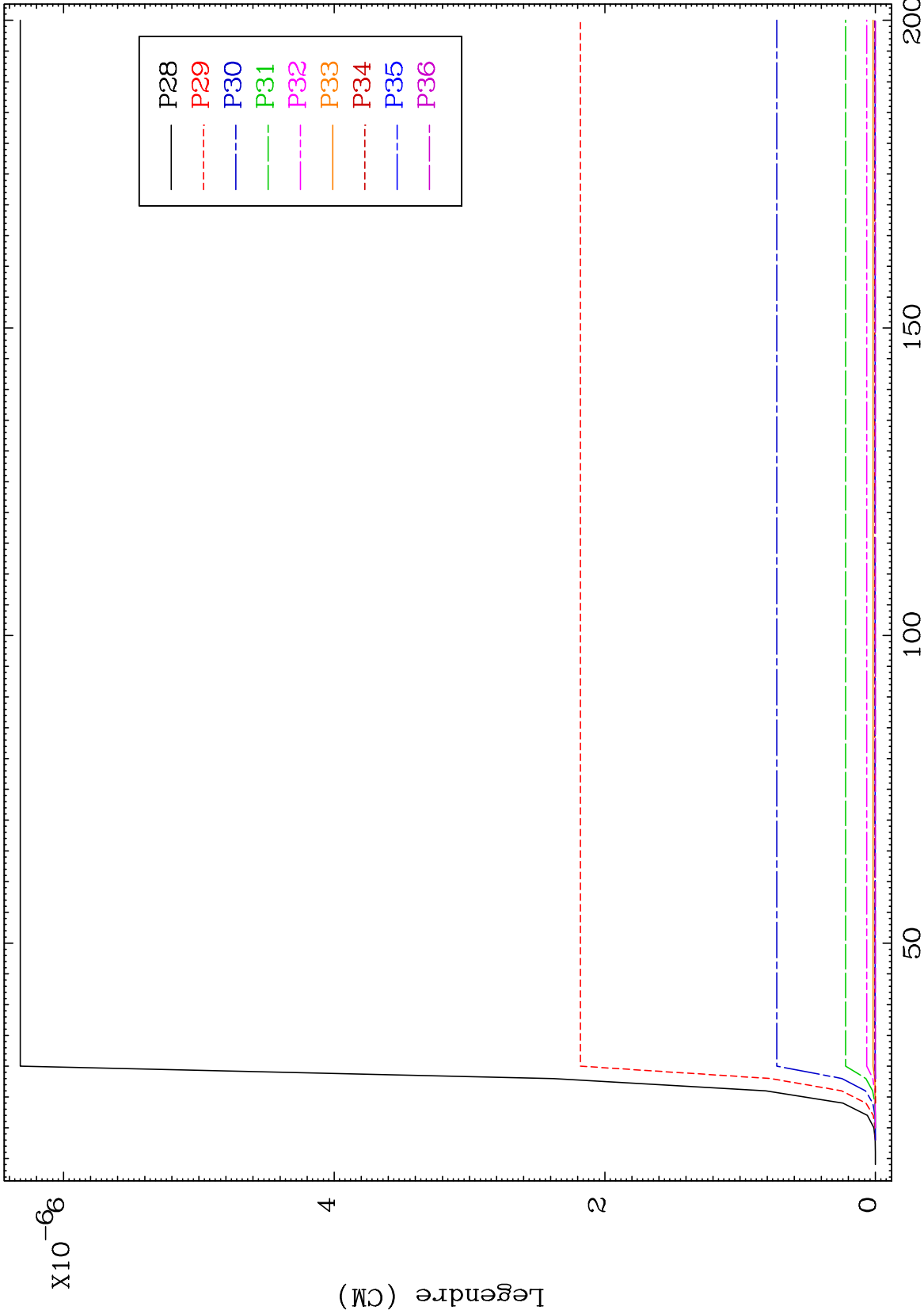
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



103

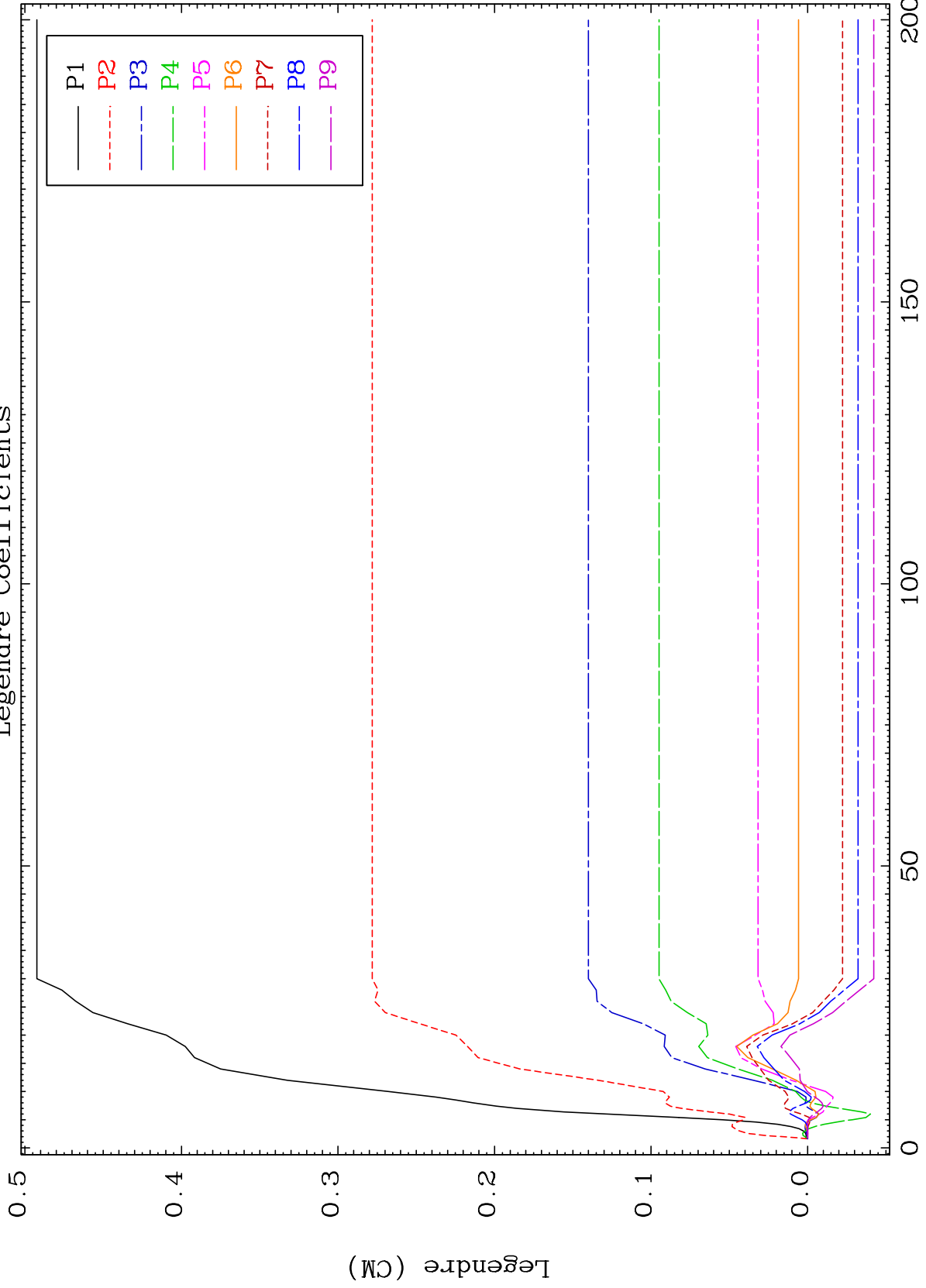
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



58-Ce-143

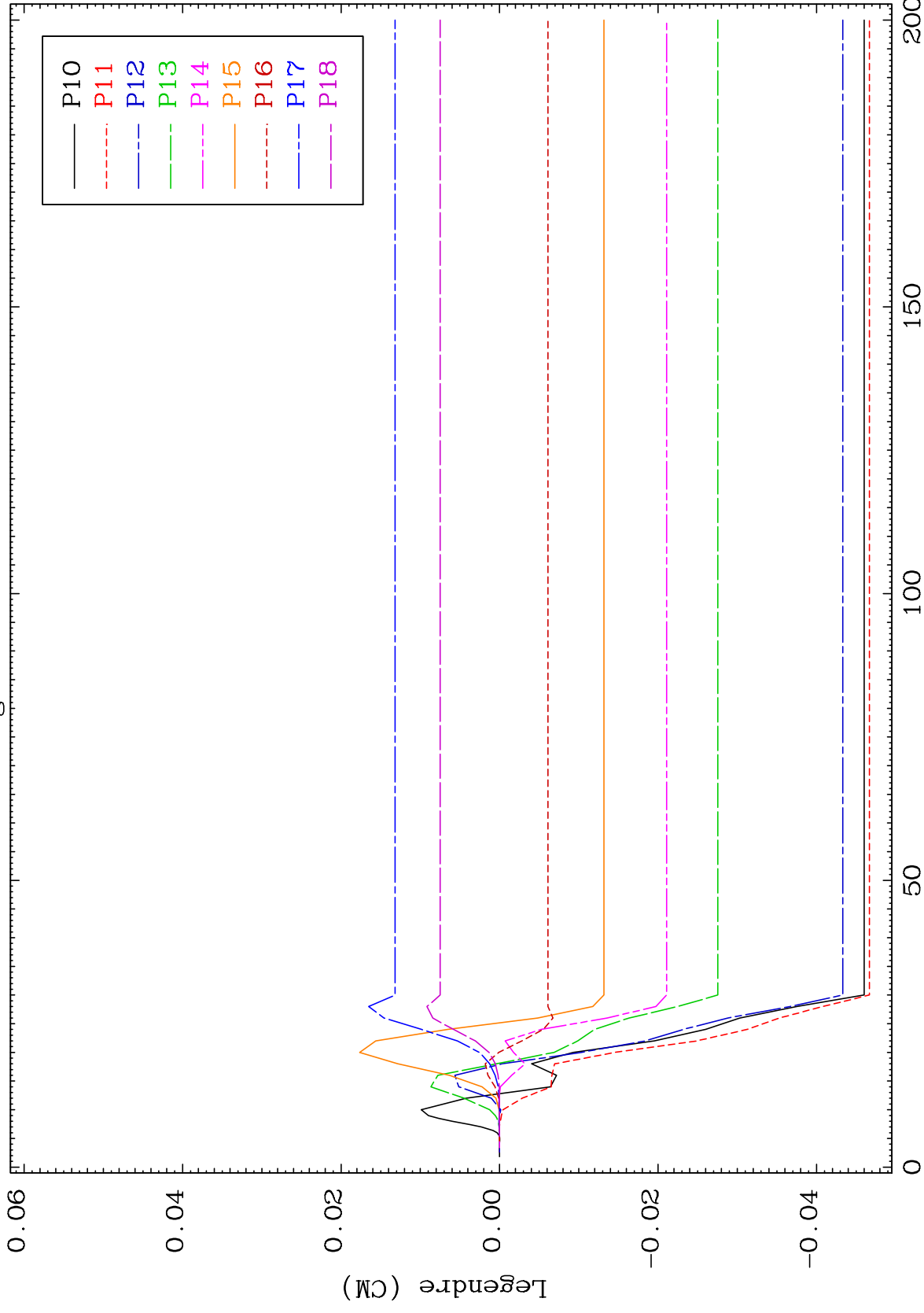
Incident Energy (MeV)

104

MAT 5846

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

58-Ce-143



58-Ce-143

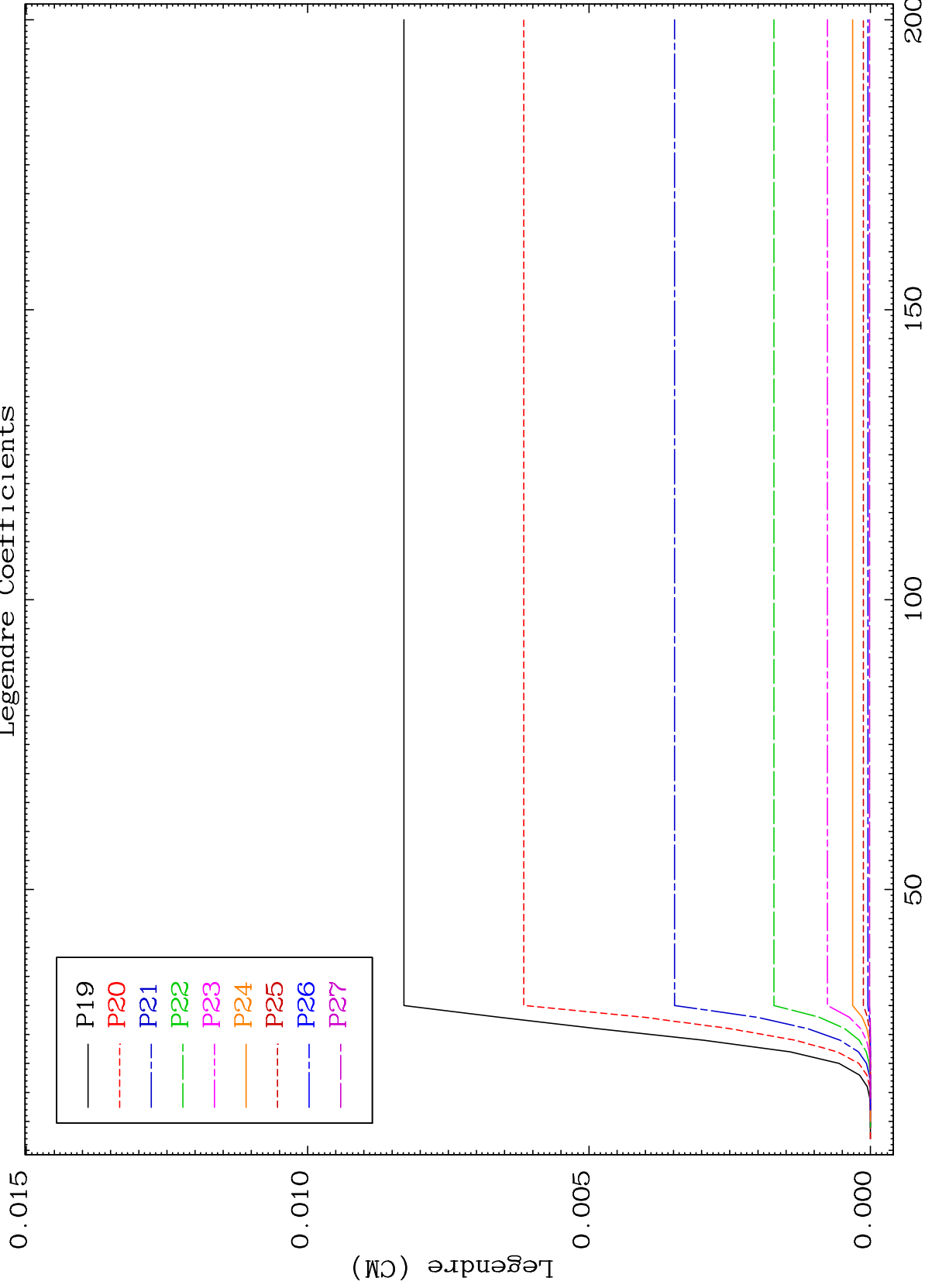
Incident Energy (MeV)

105

MAT 5846

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

58-Ce-143



106

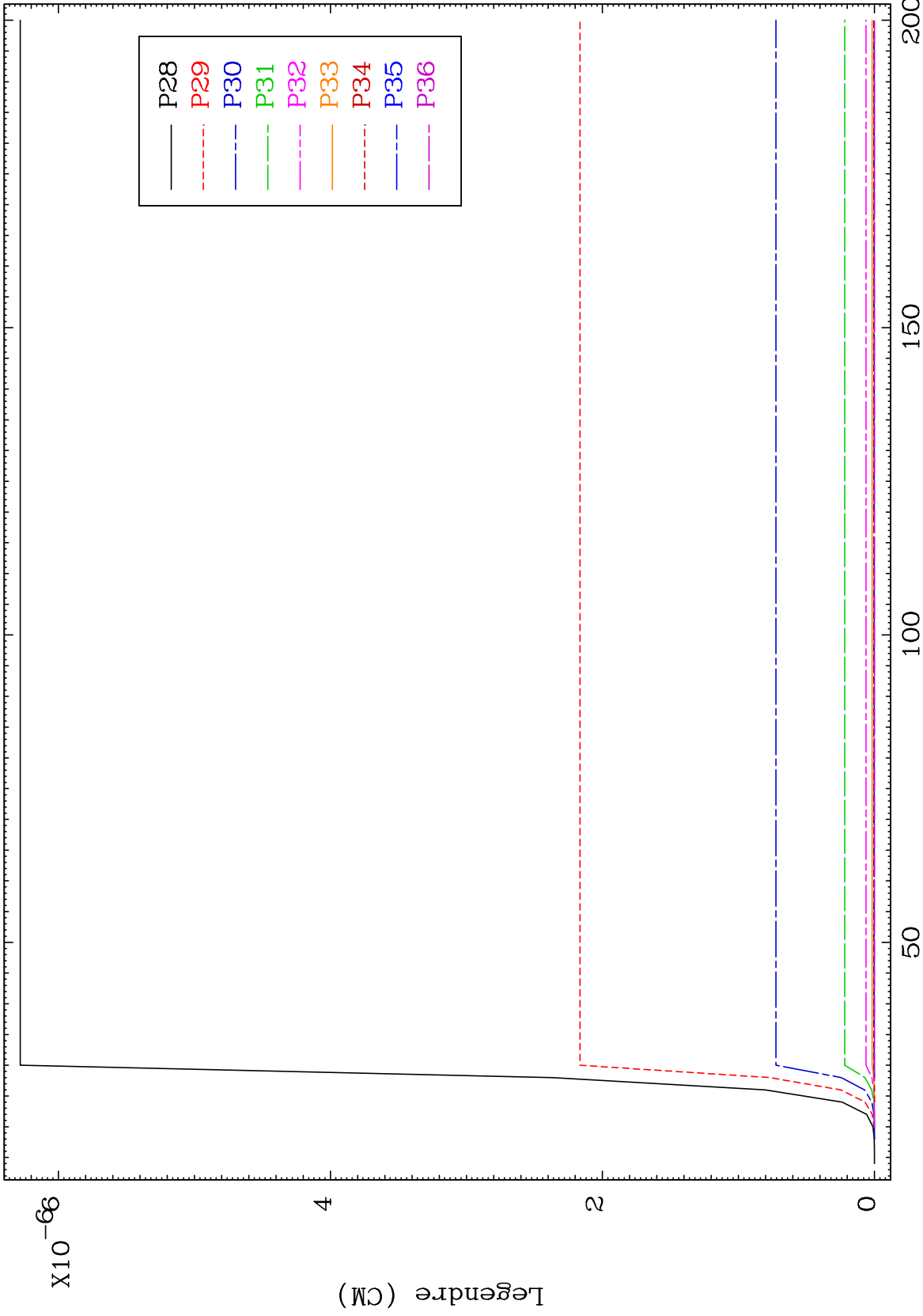
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



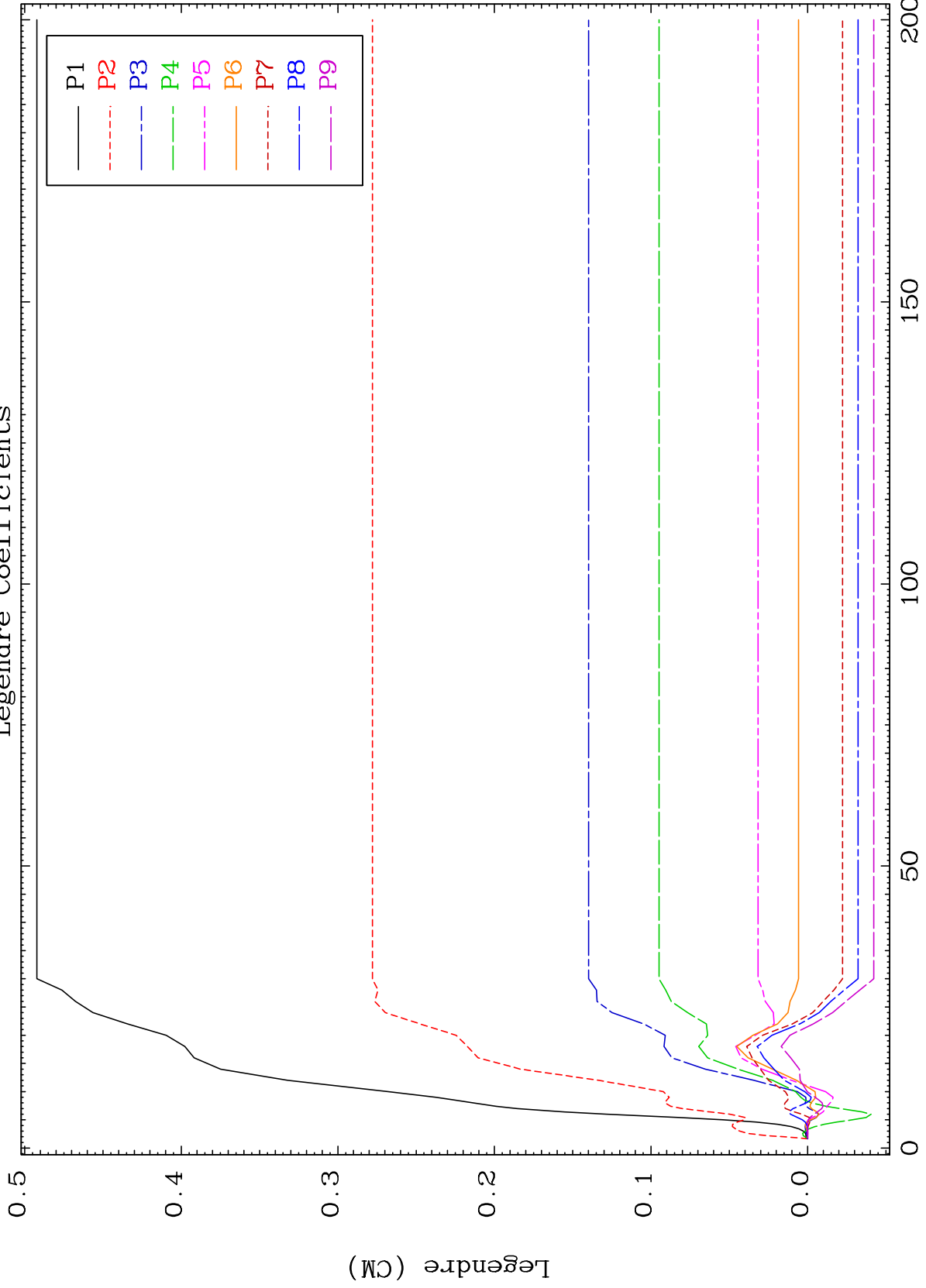
107

58-Ce-143

MAT 5846

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

58-Ce-143



58-Ce-143

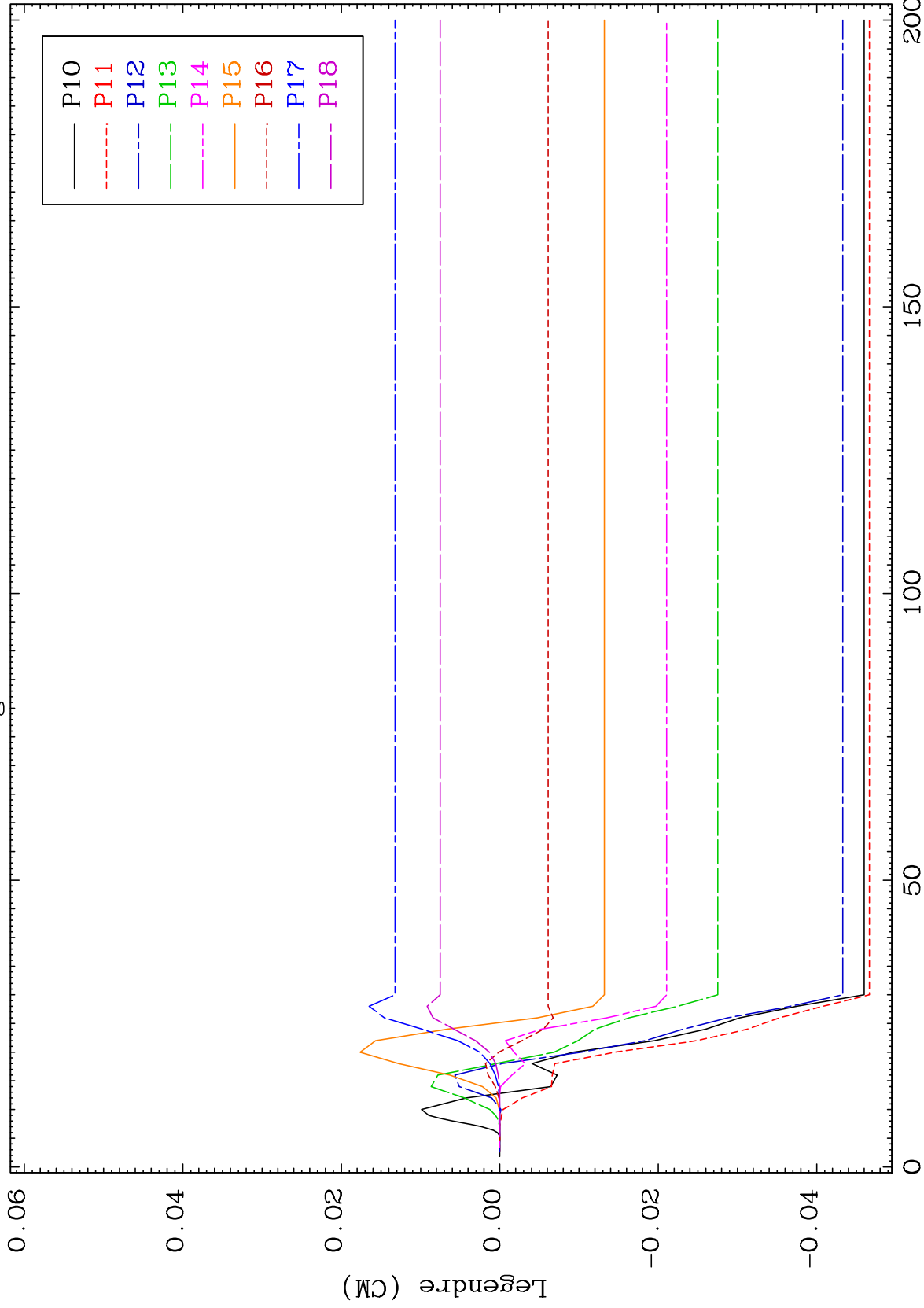
Incident Energy (MeV)

108

MAT 5846

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

58-Ce-143



109

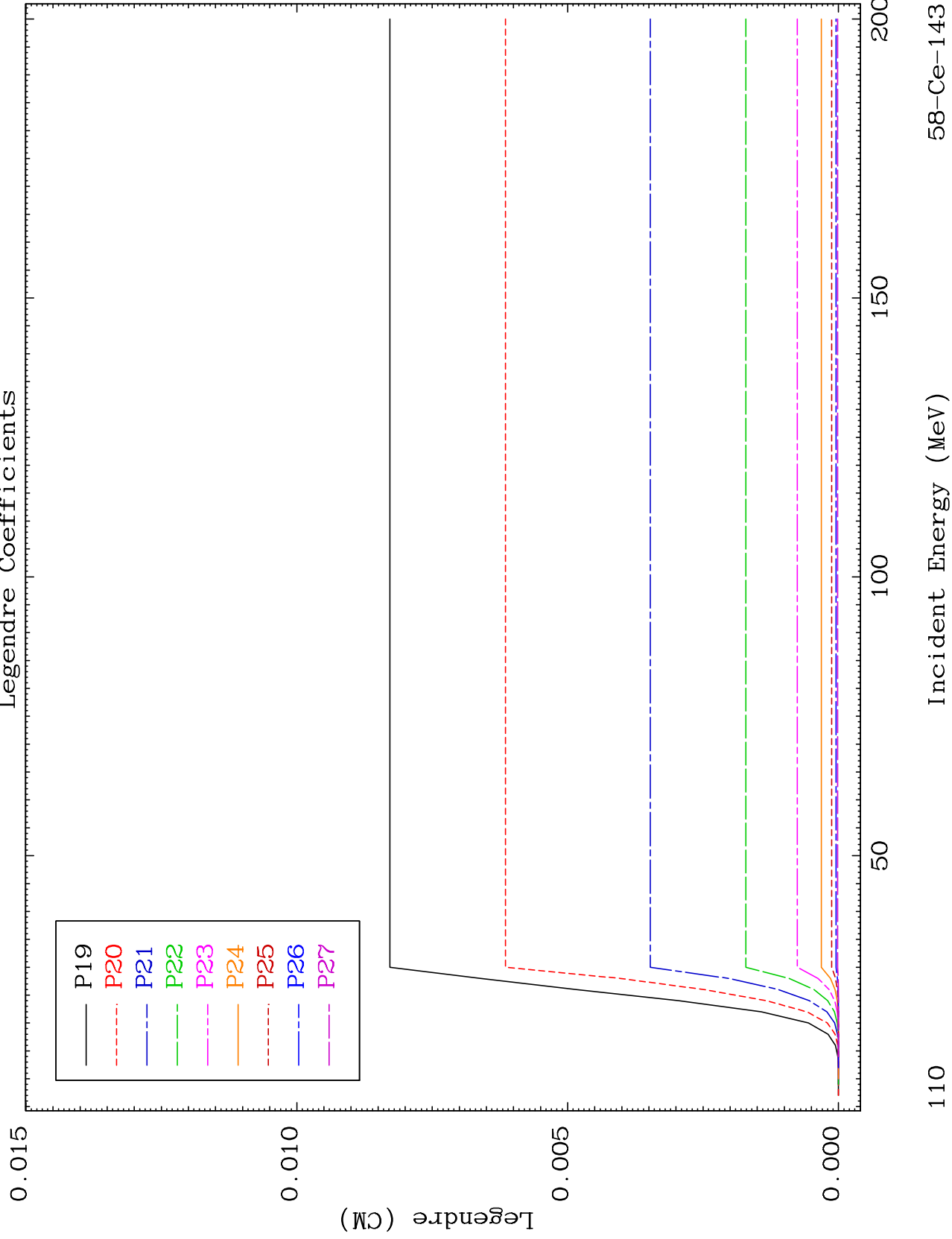
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



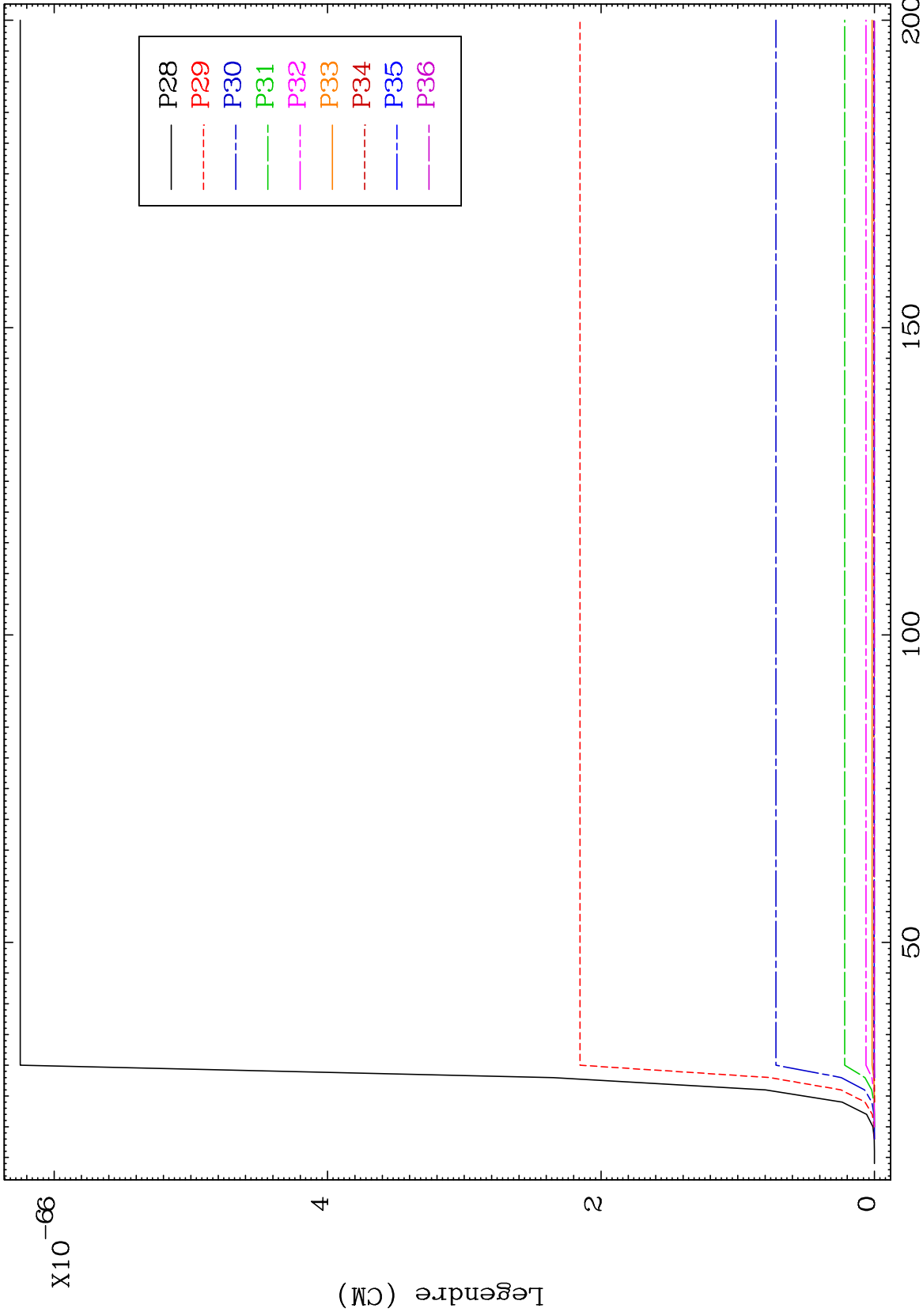
58-Ce-143

110

MAT 5846

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

58-Ce-143



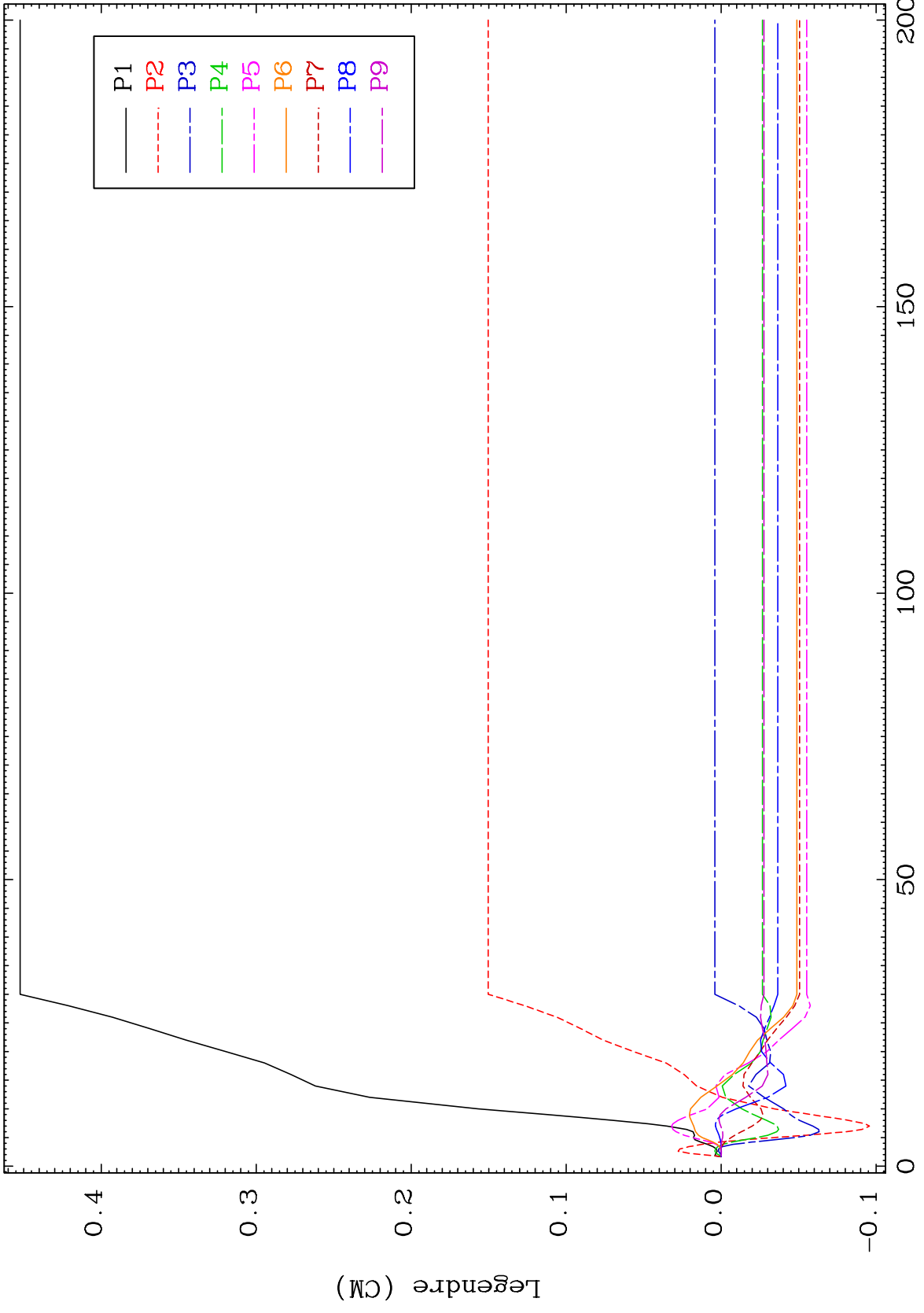
111

58-Ce-143

MAT 5846

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

58-Ce-143



112

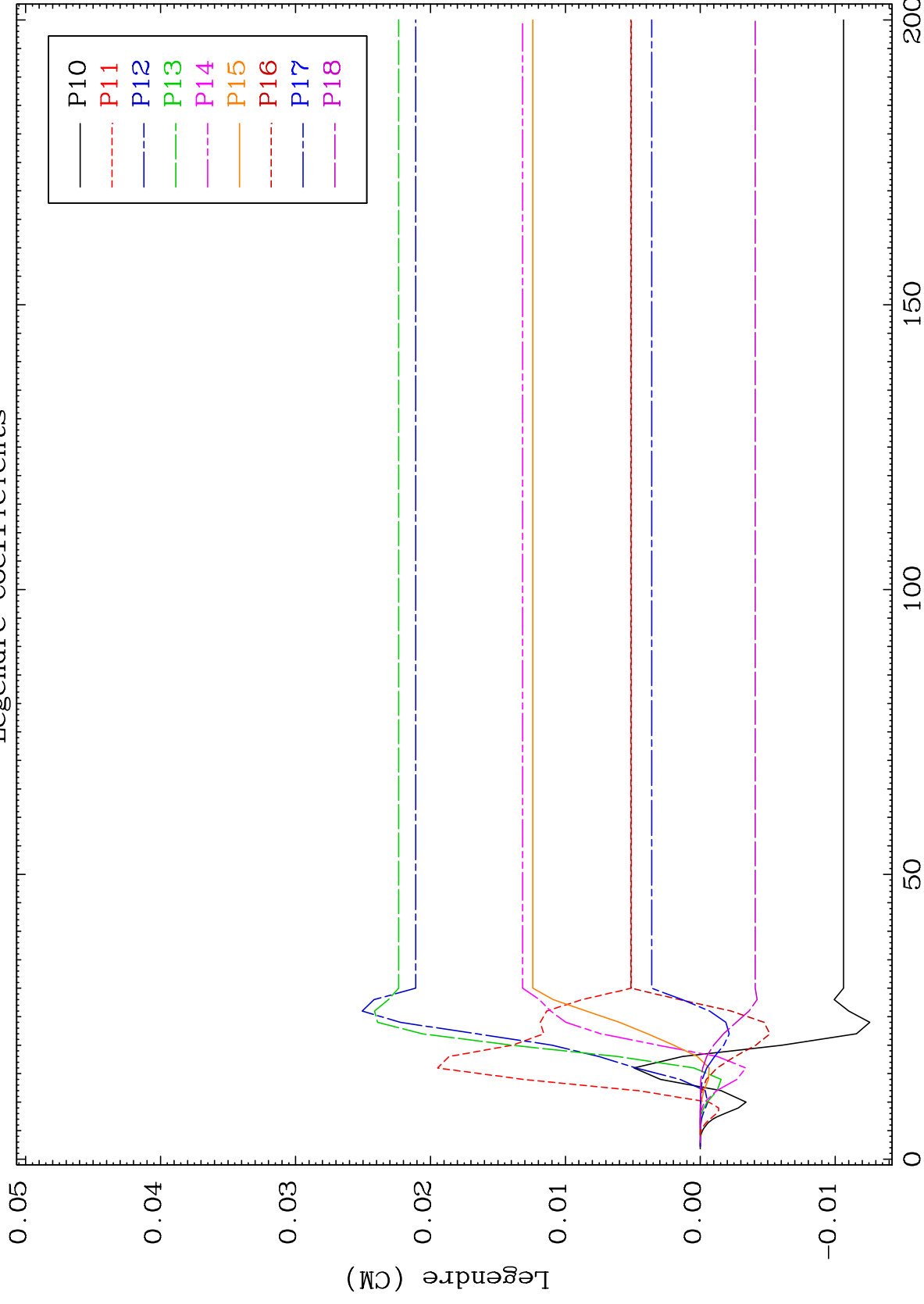
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



113

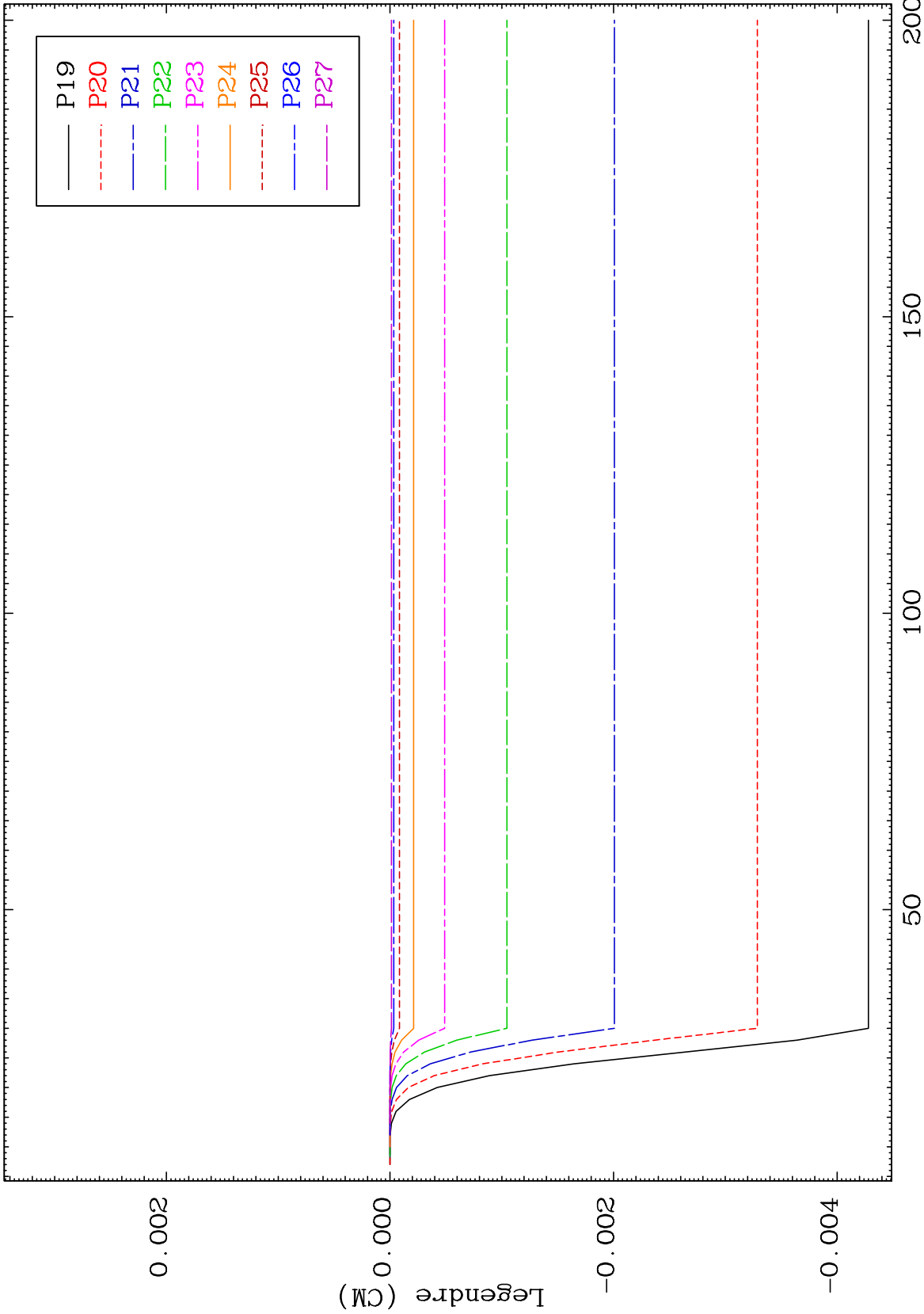
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



114

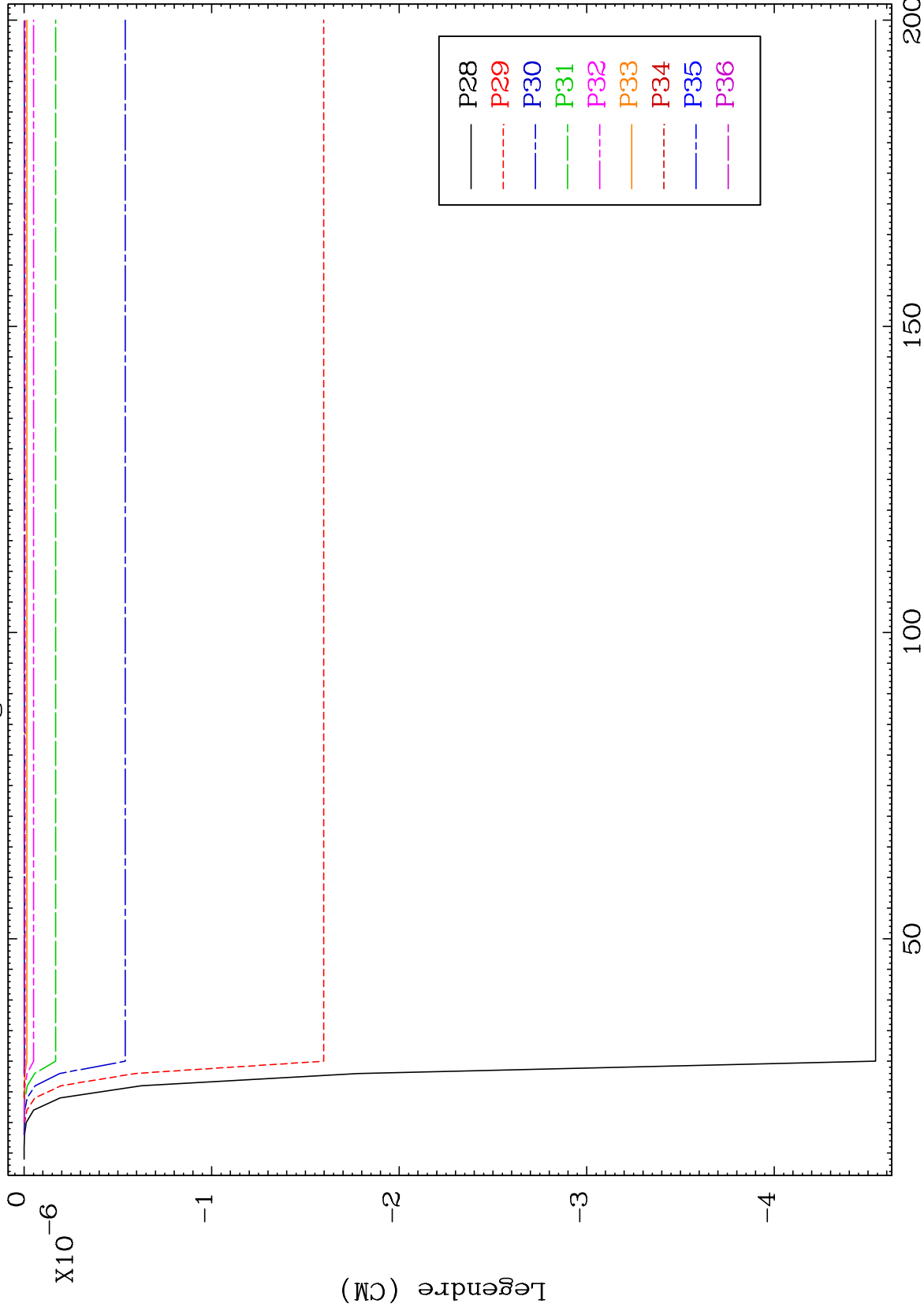
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



115

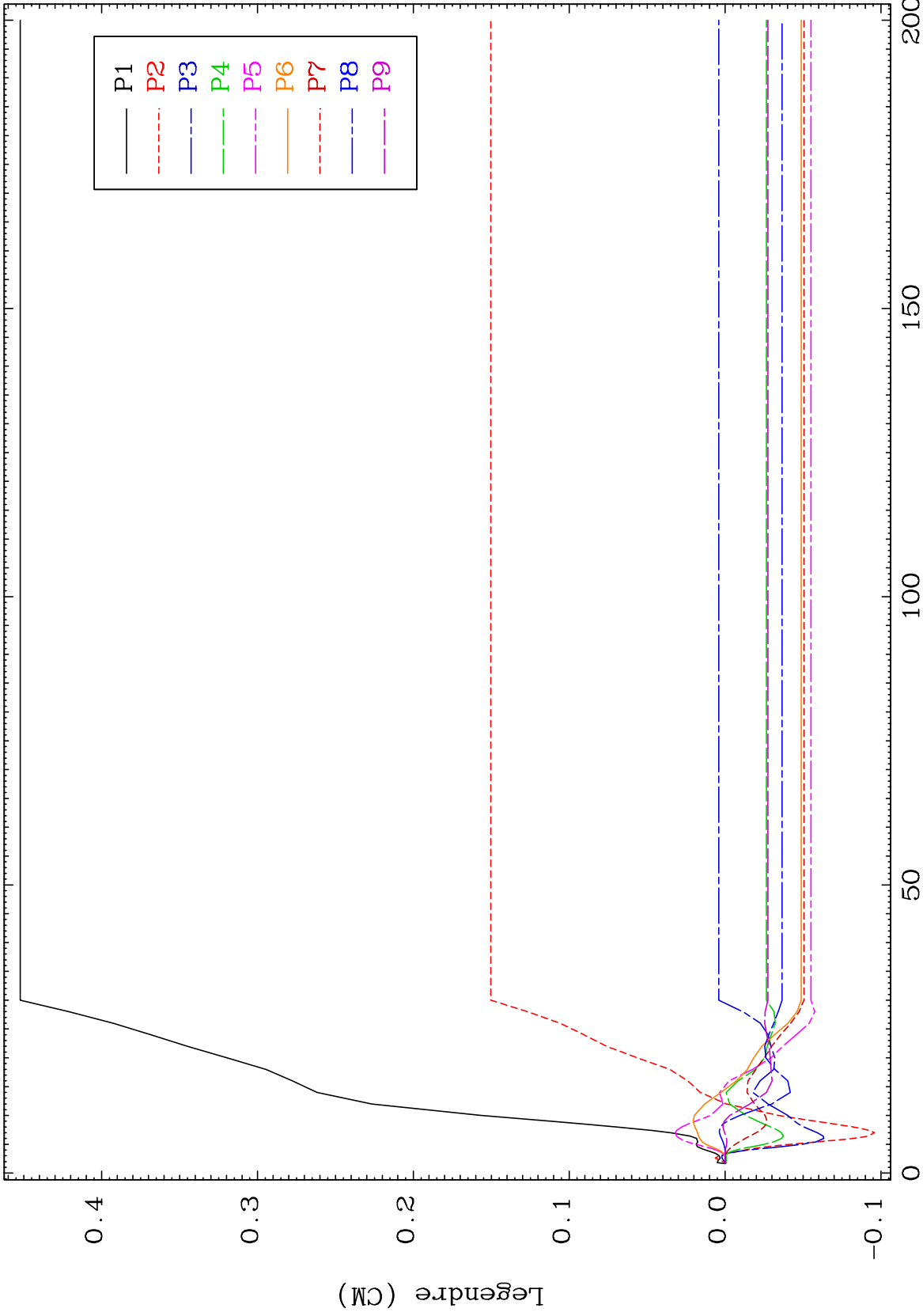
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



116

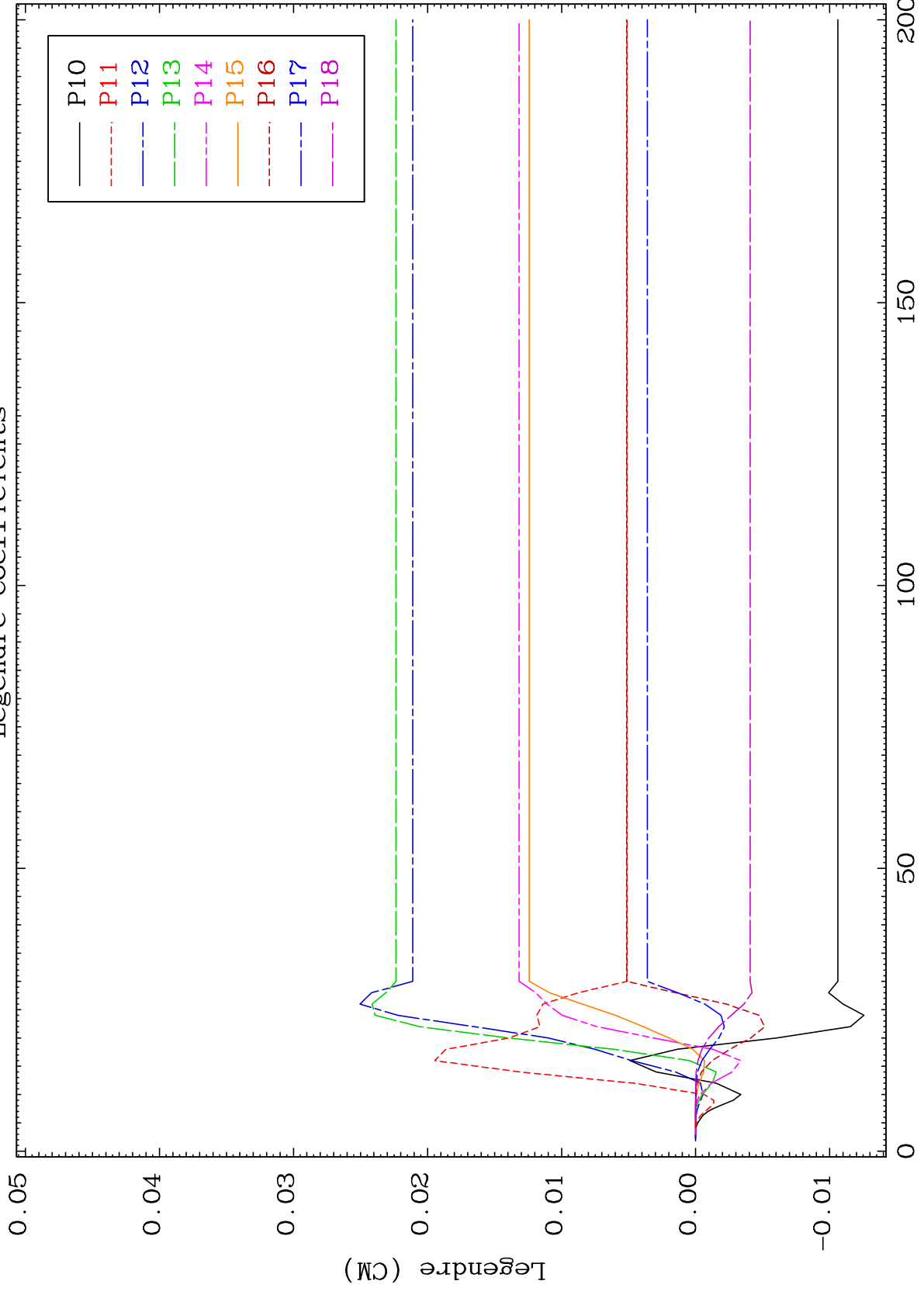
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



117

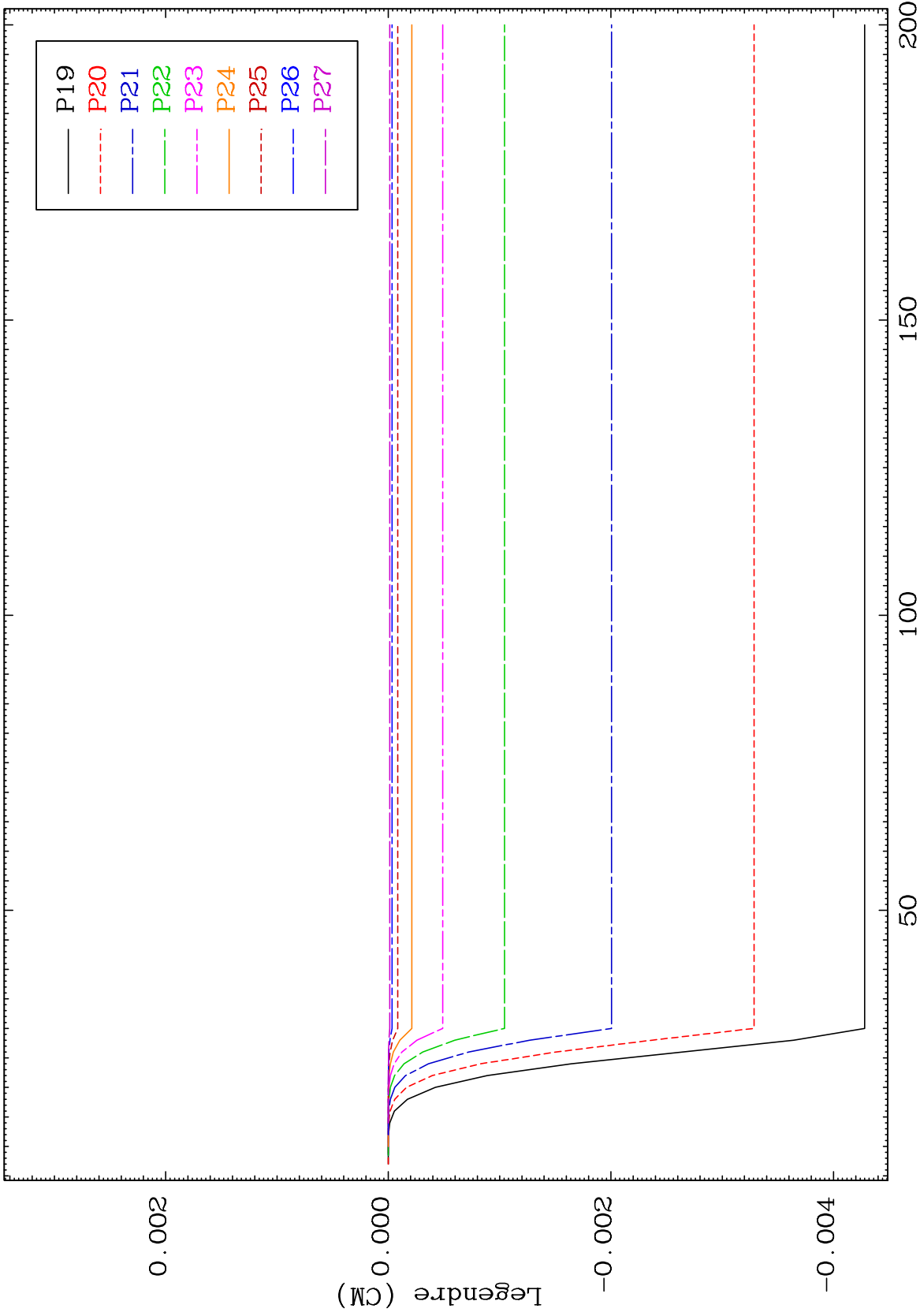
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



118

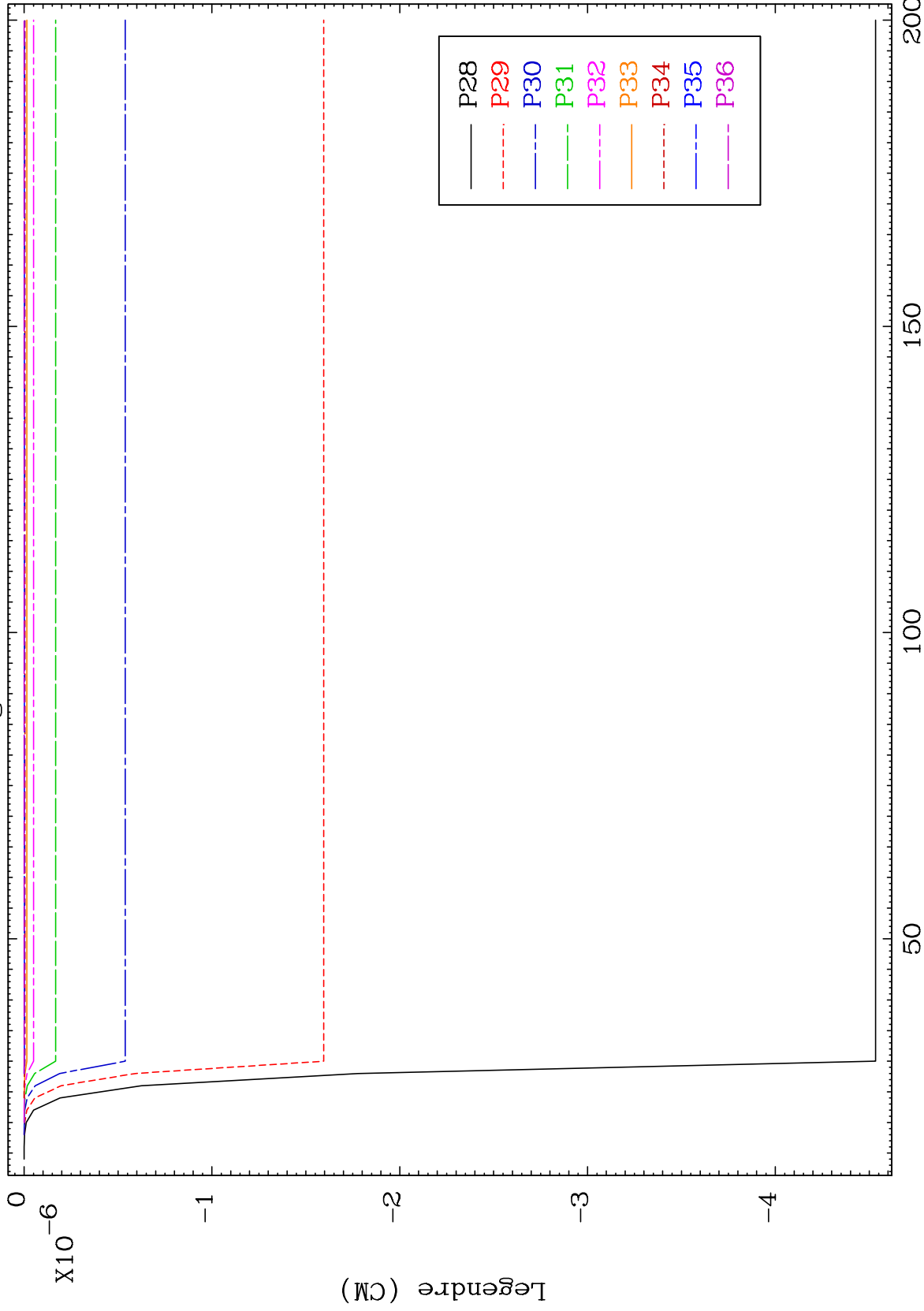
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

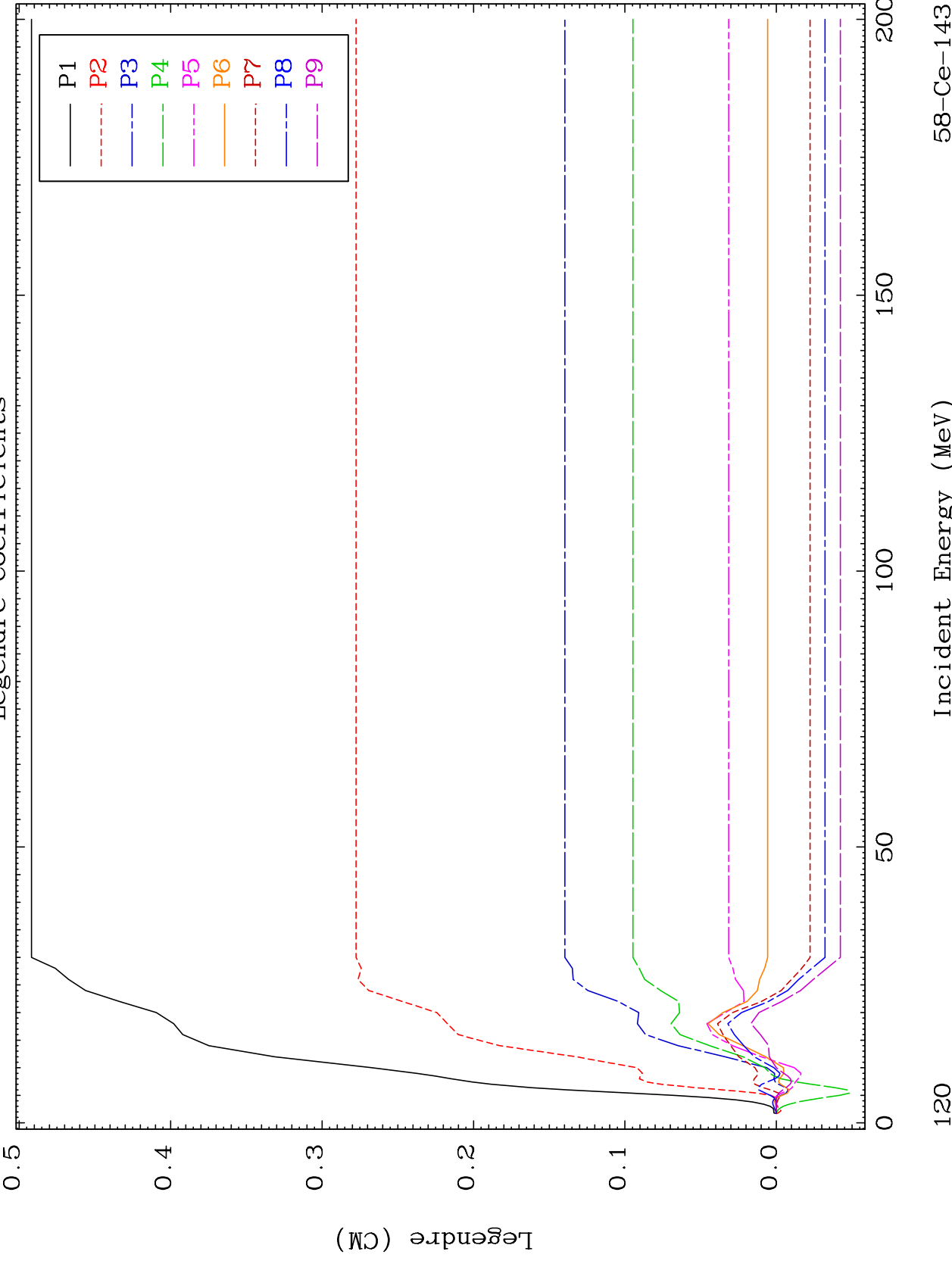
58-Ce-143



119

58-Ce-143

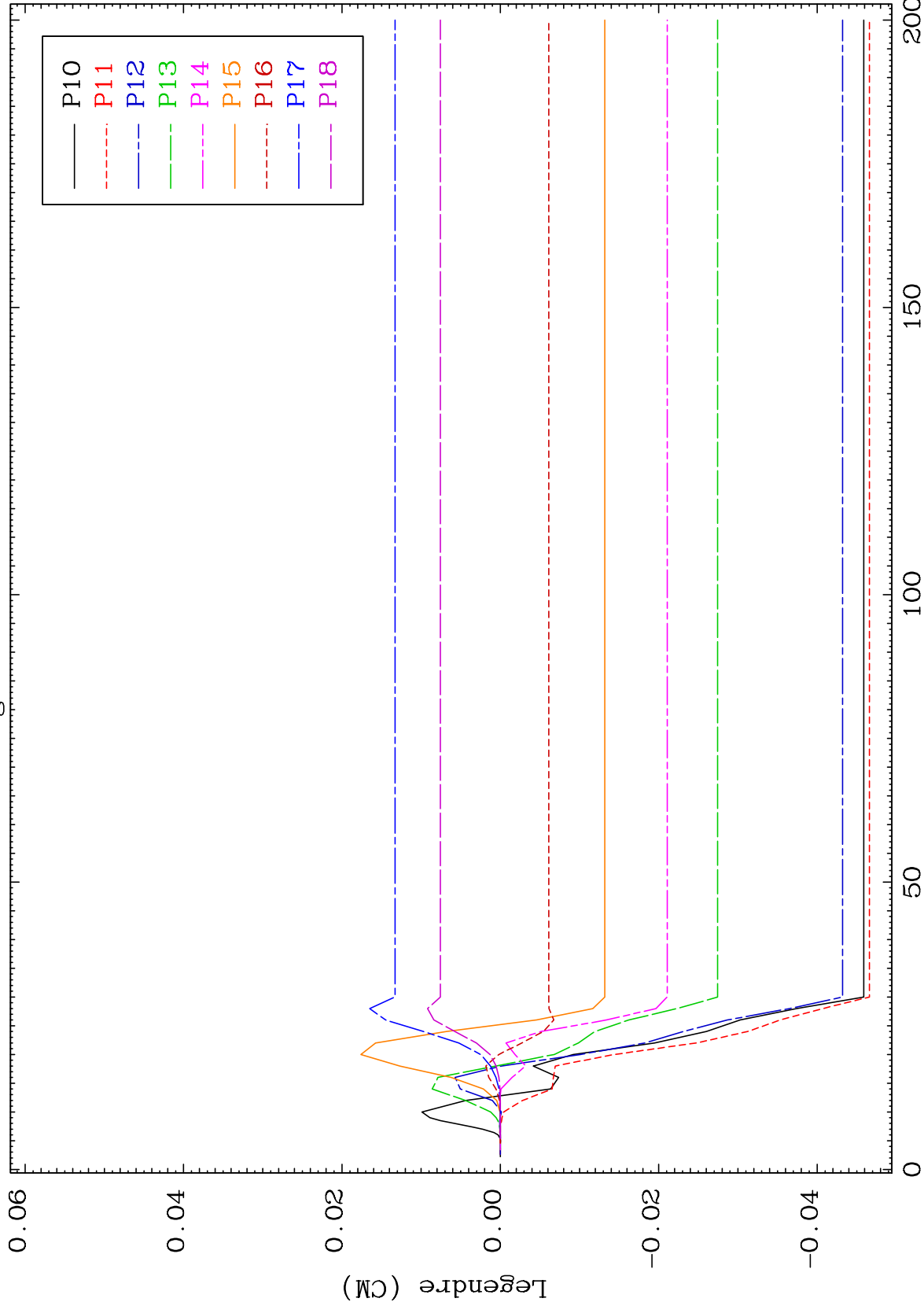
MAT 5846 MT= 76 (n,n') Level Legendre Coefficients 58-Ce-143



MAT 5846

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

58-Ce-143



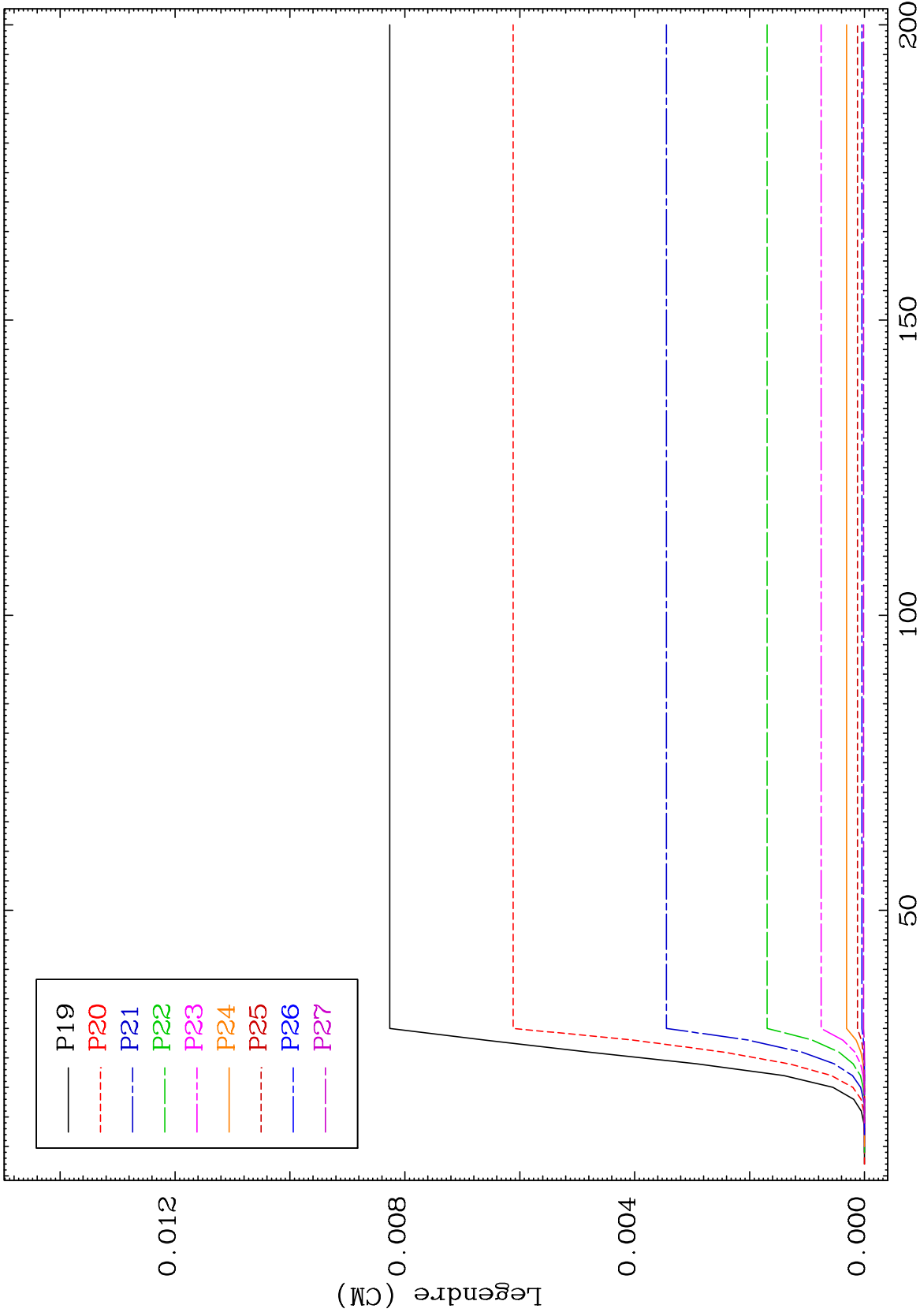
121

58-Ce-143

MAT 5846

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

58-Ce-143



122

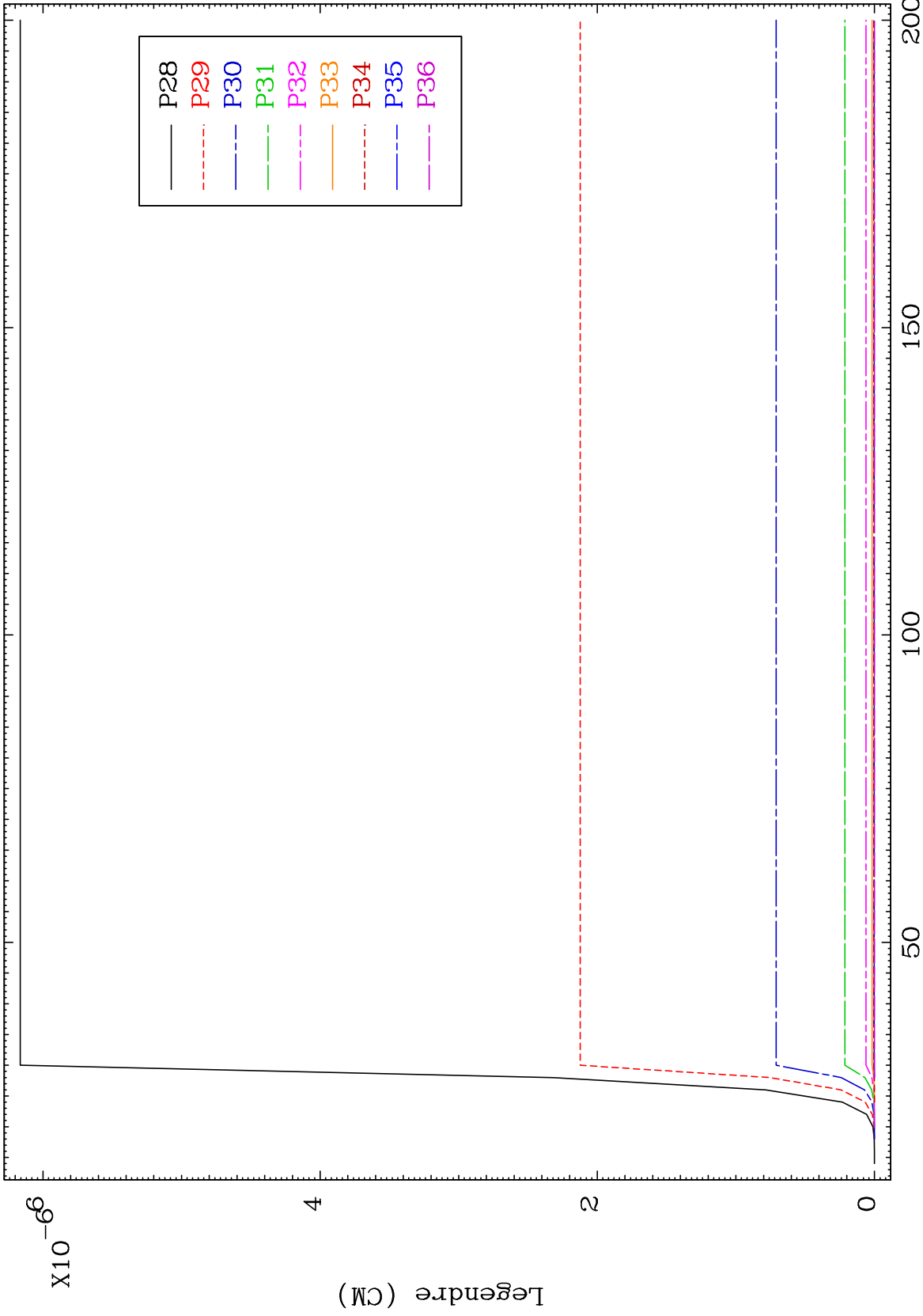
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



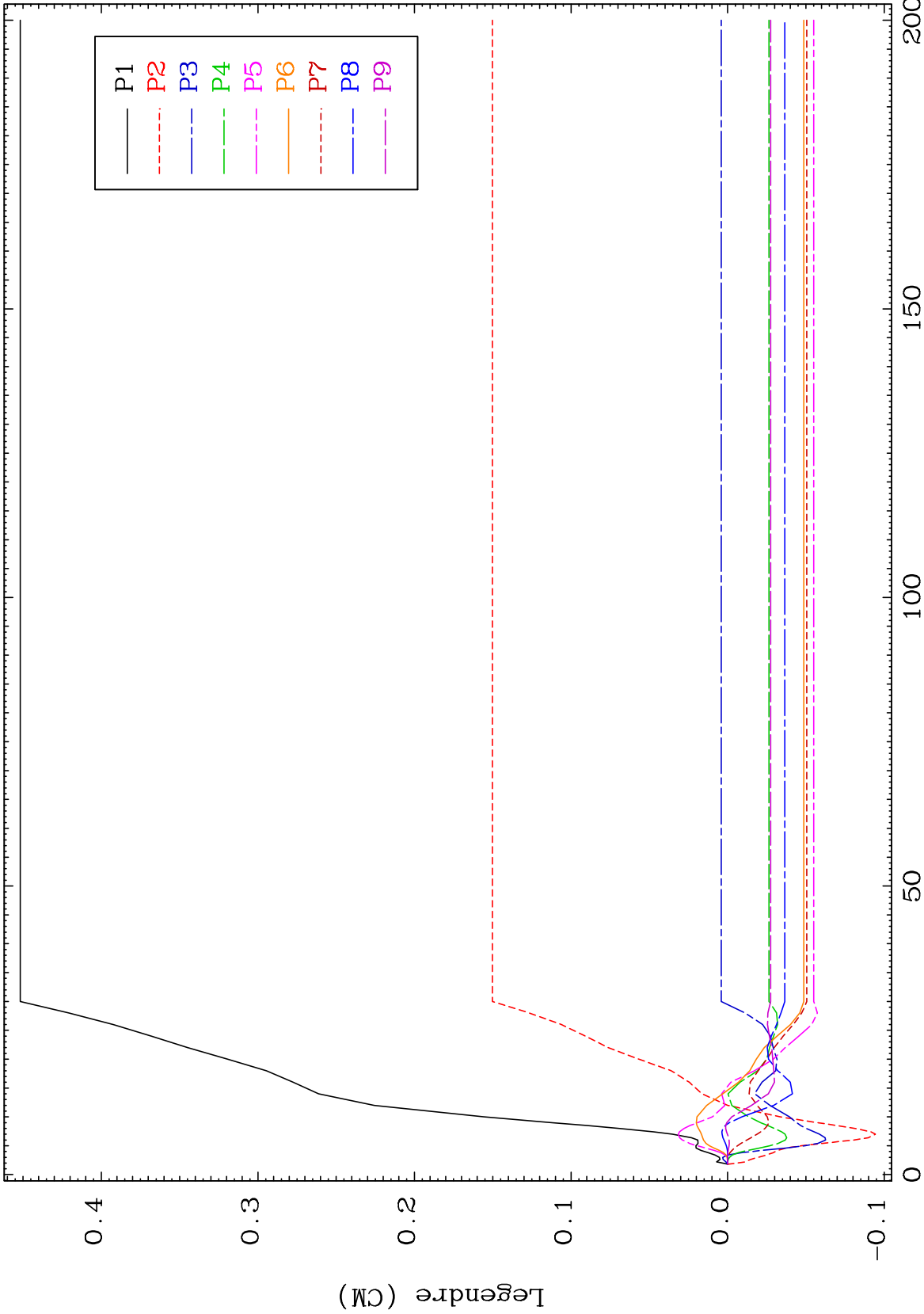
123

58-Ce-143

MAT 5846

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

58-Ce-143



124

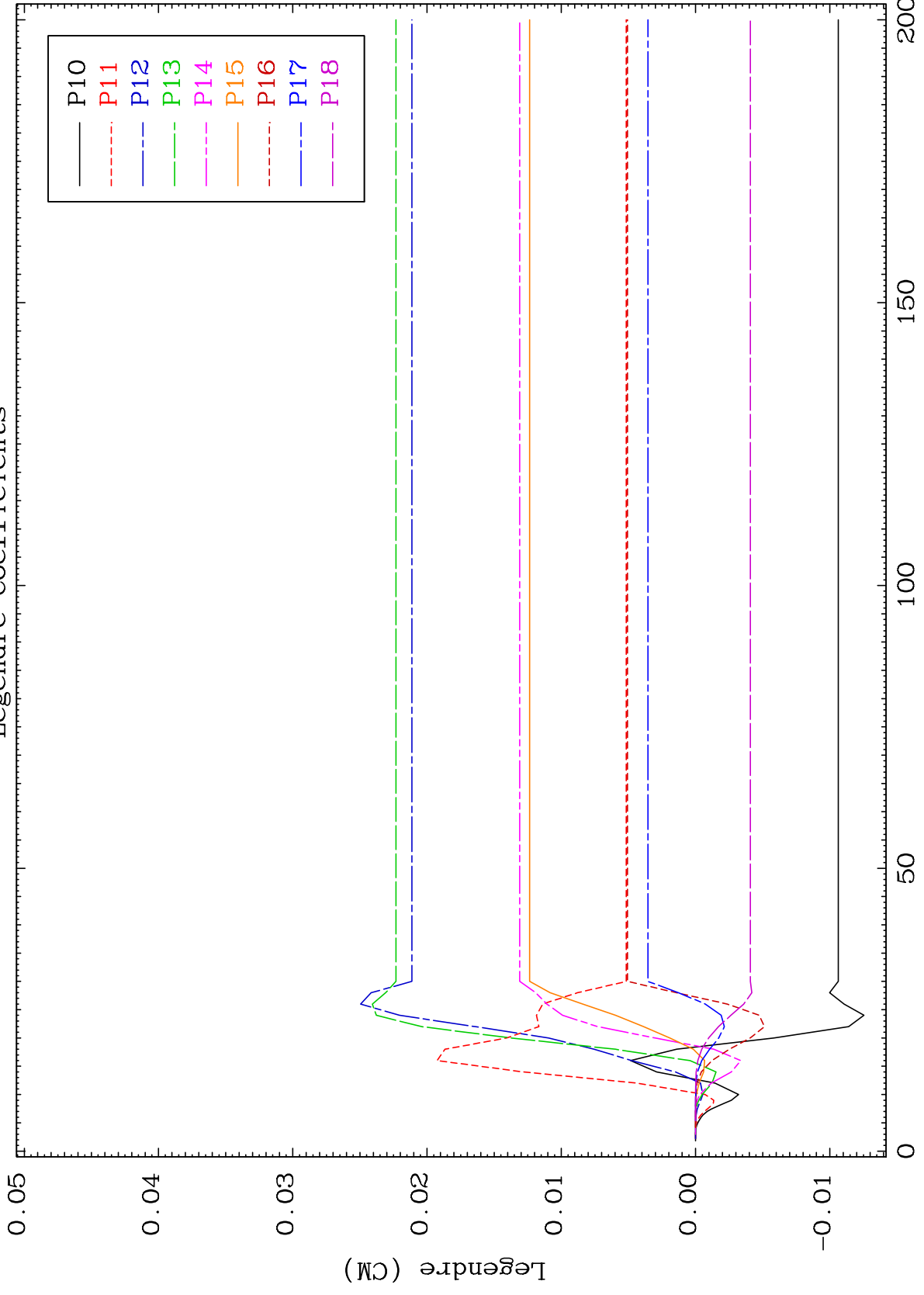
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



58-Ce-143

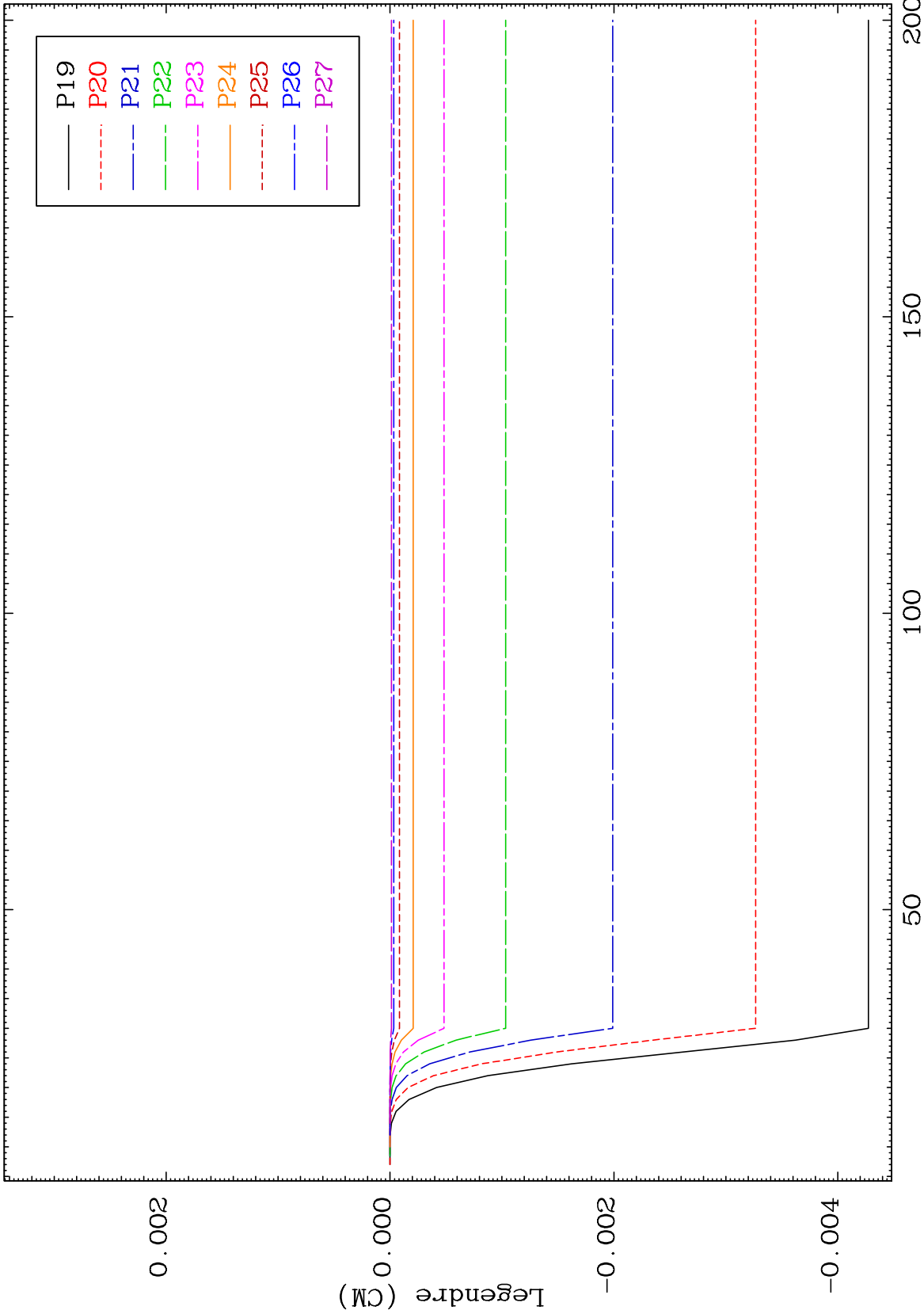
Incident Energy (MeV)

125

MAT 5846

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

58-Ce-143



126

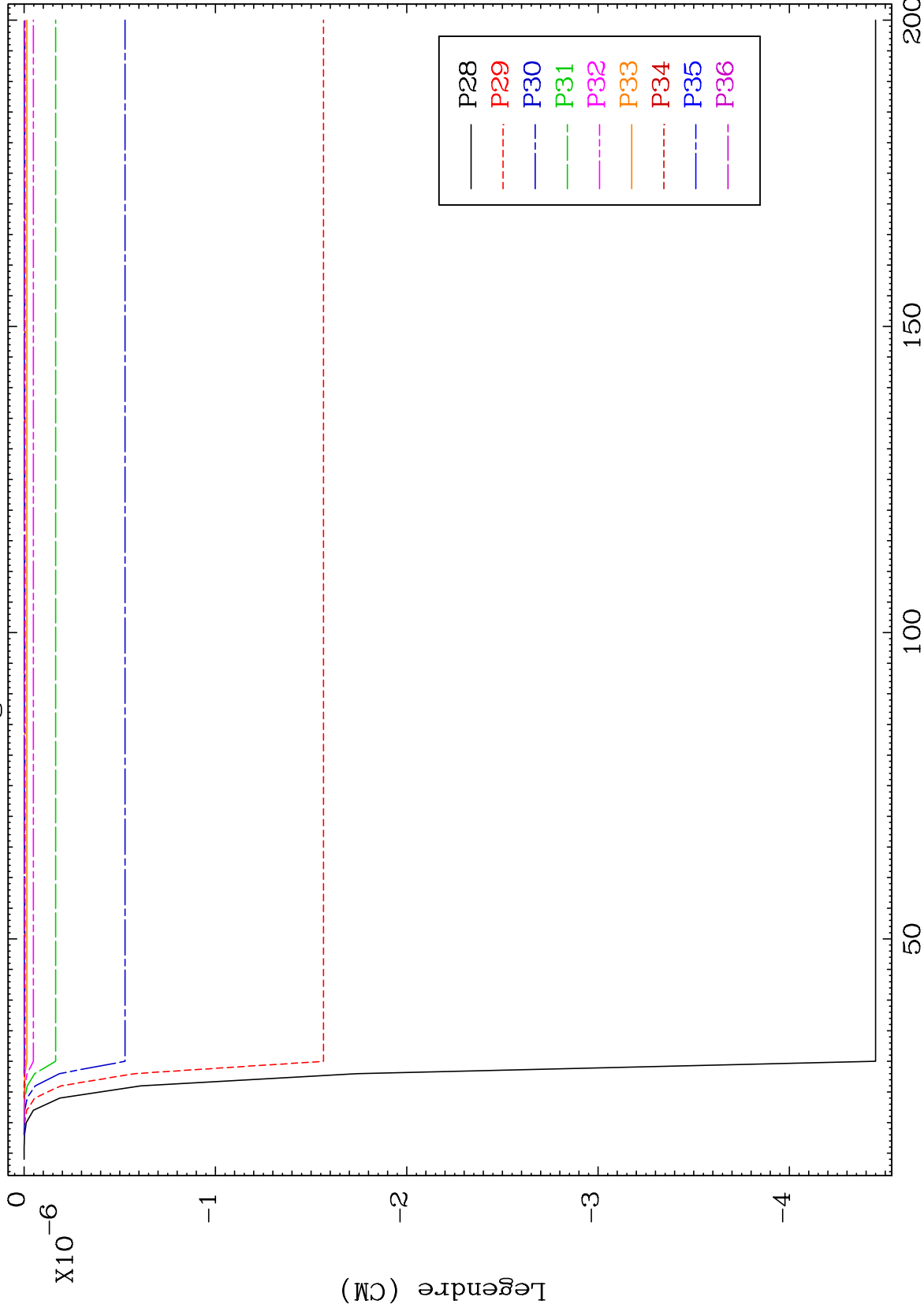
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



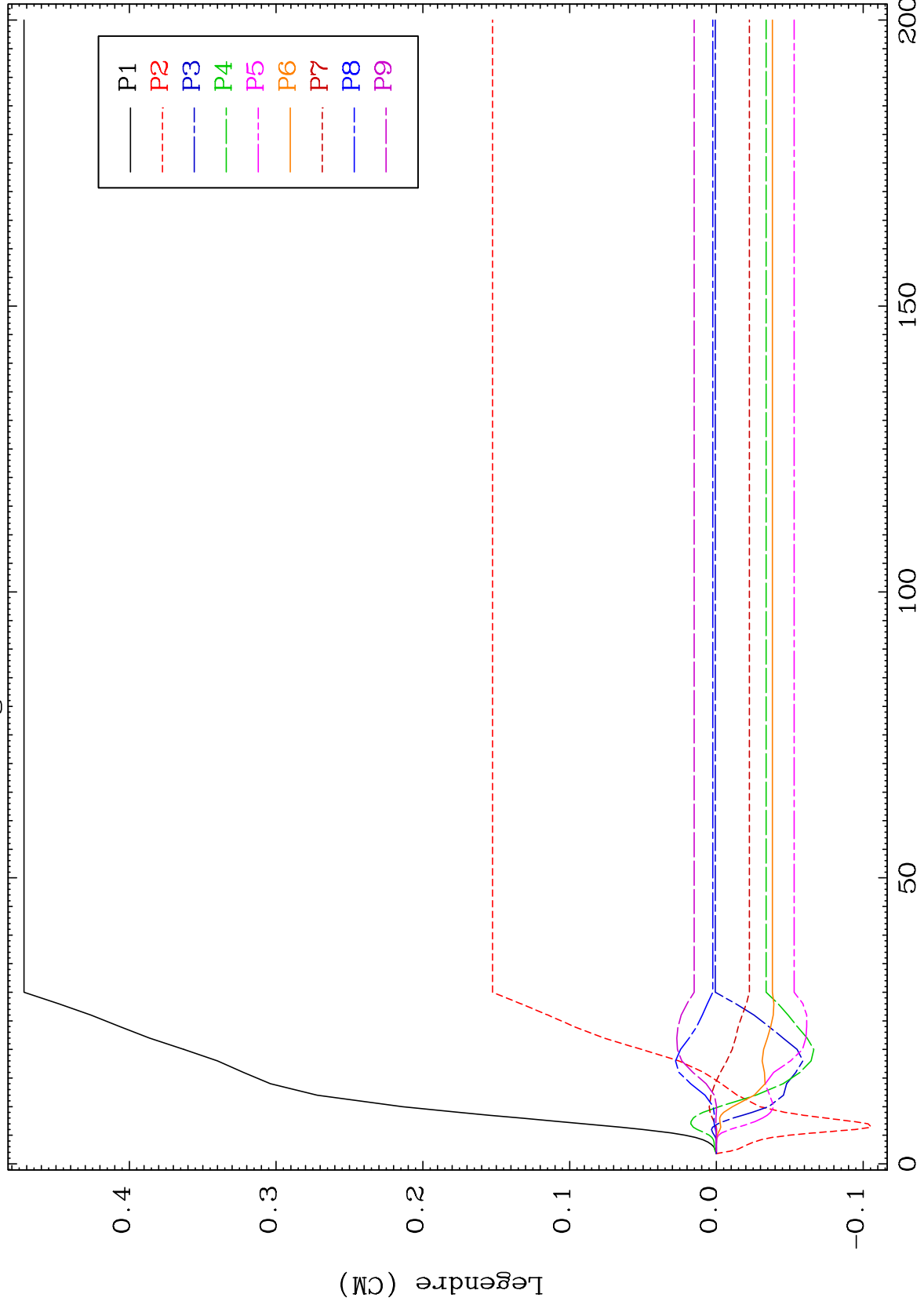
127

58-Ce-143

MAT 5846

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

58-Ce-143



128

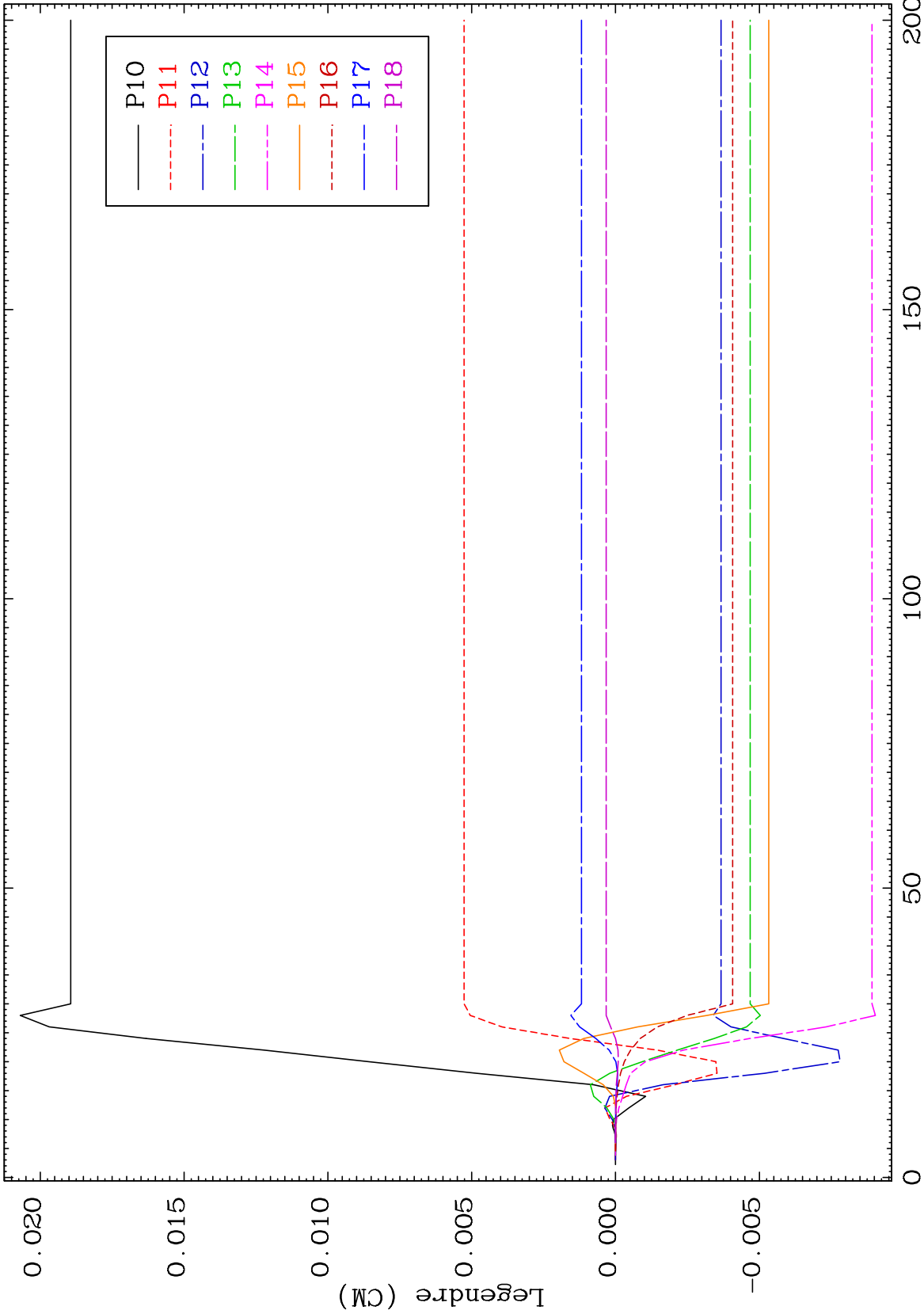
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



129

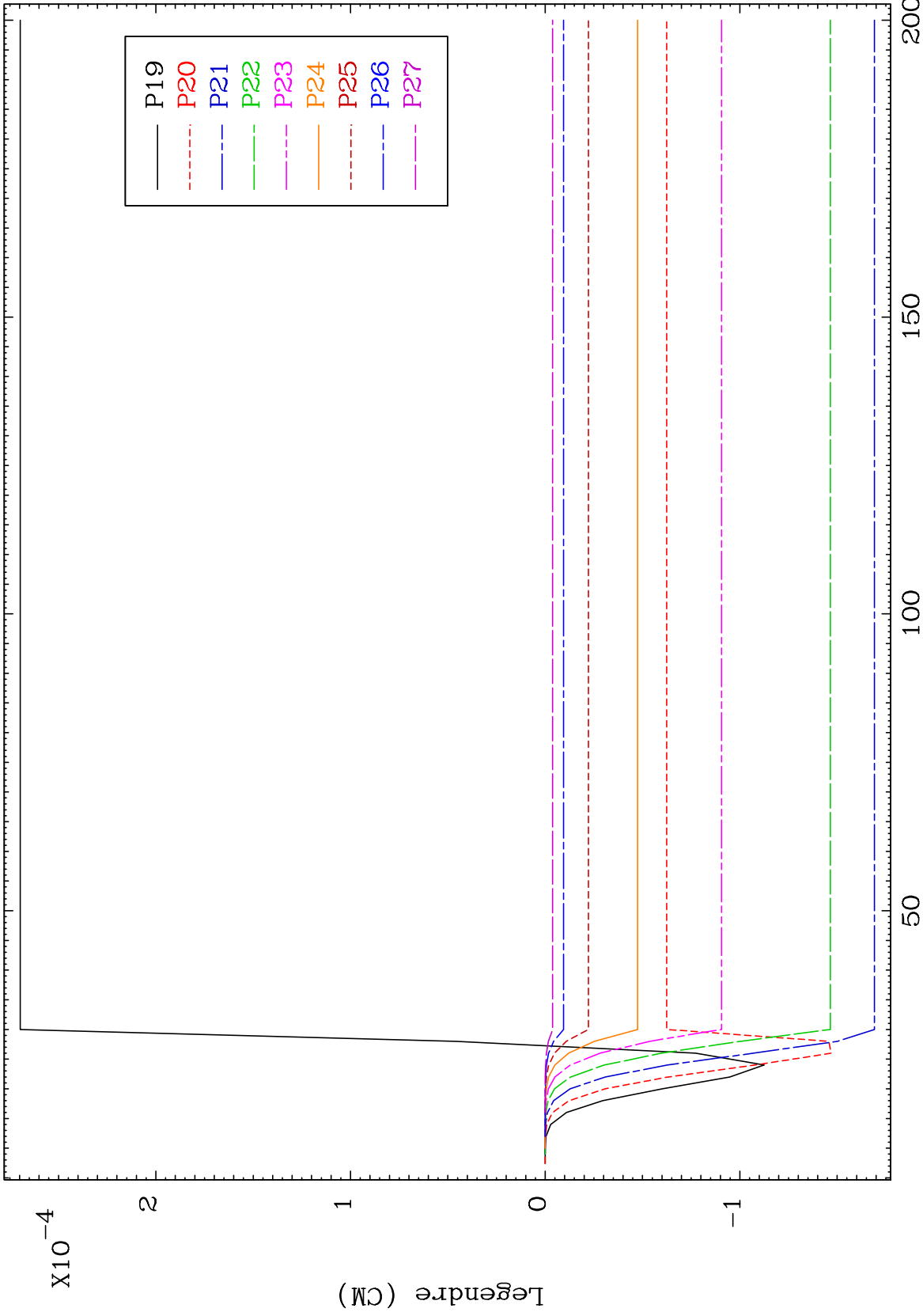
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



130

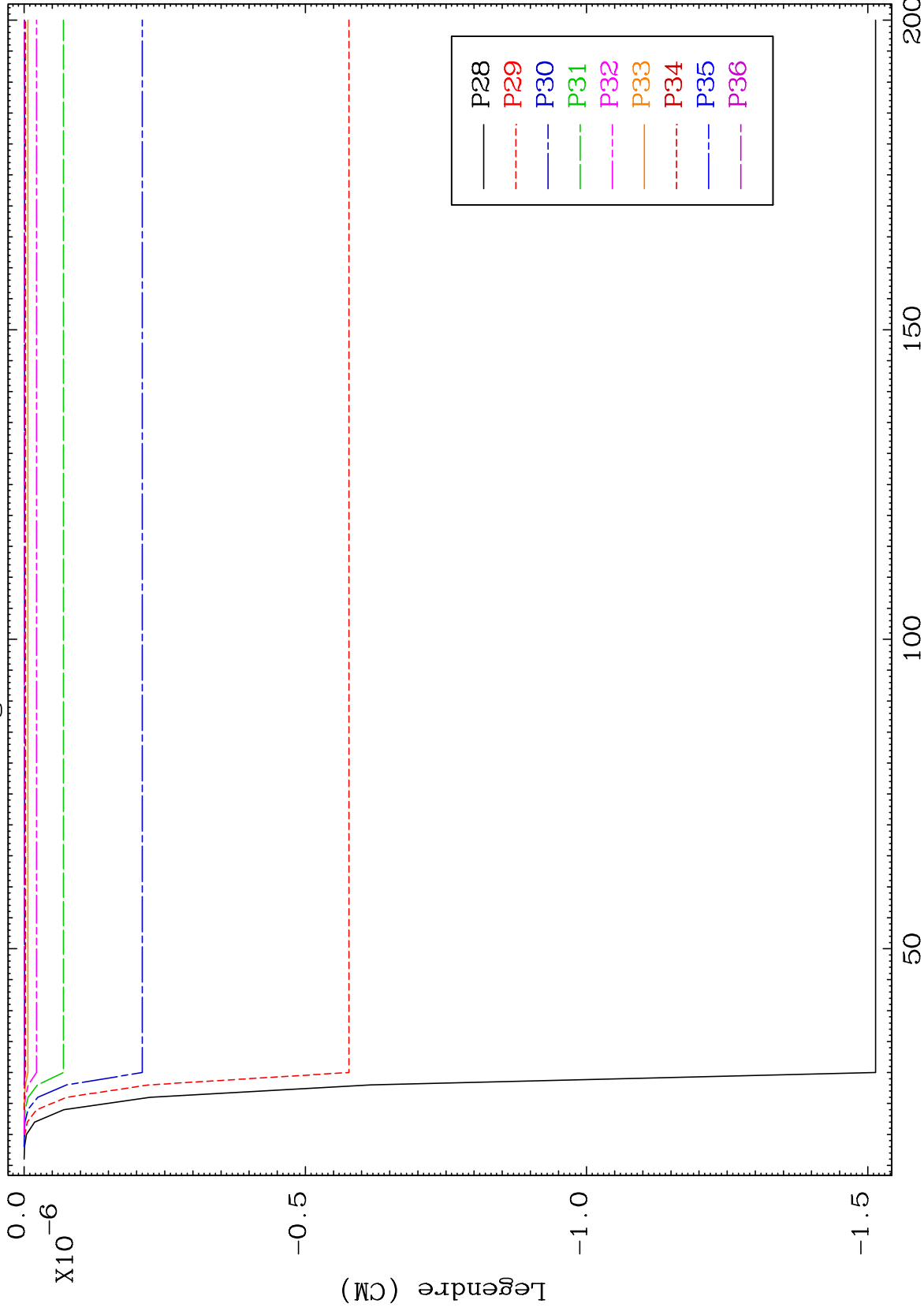
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

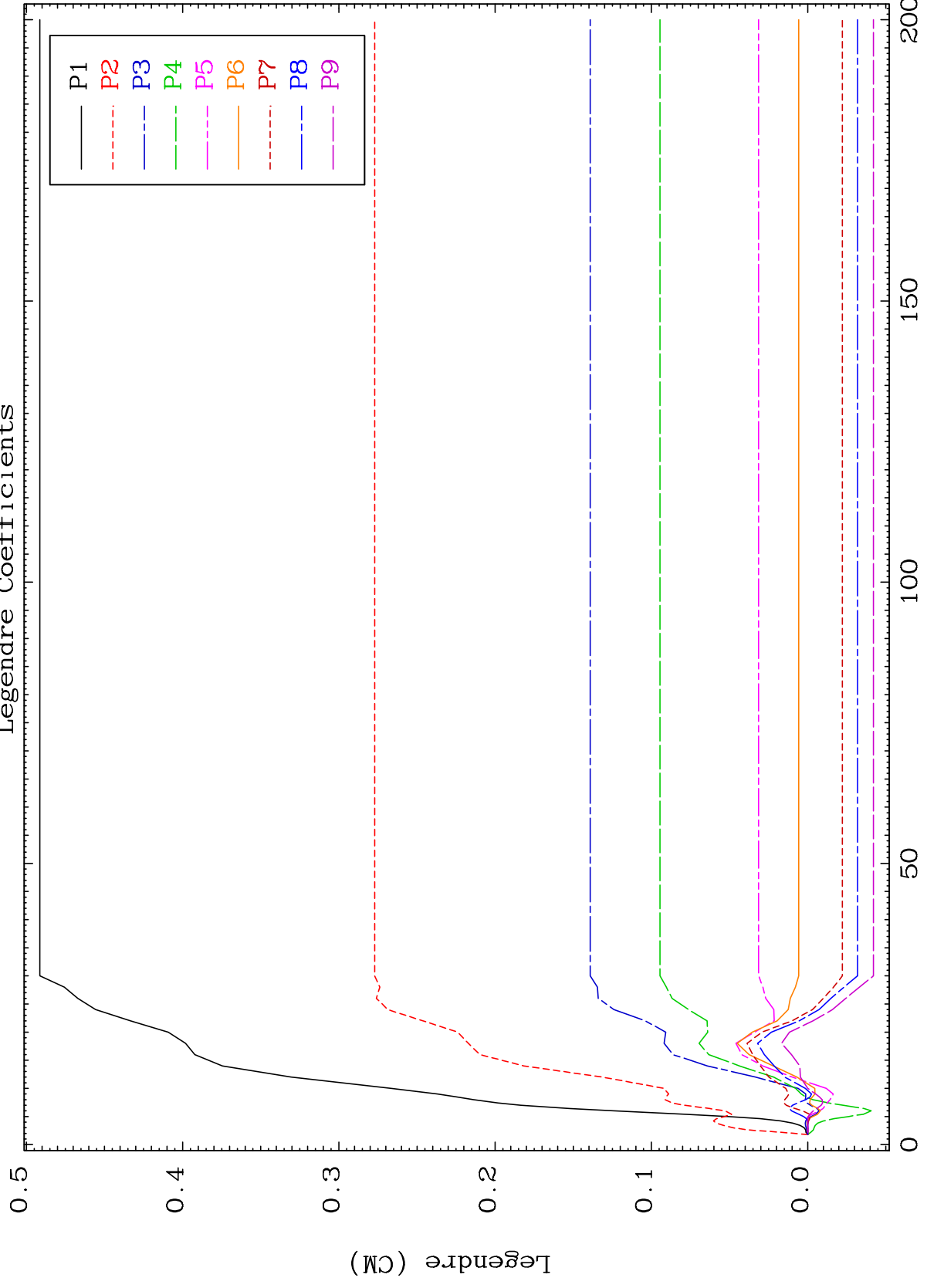
58-Ce-143



131

58-Ce-143

MAT 5846 MT= 79 (n,n') Level Legendre Coefficients 58-Ce-143

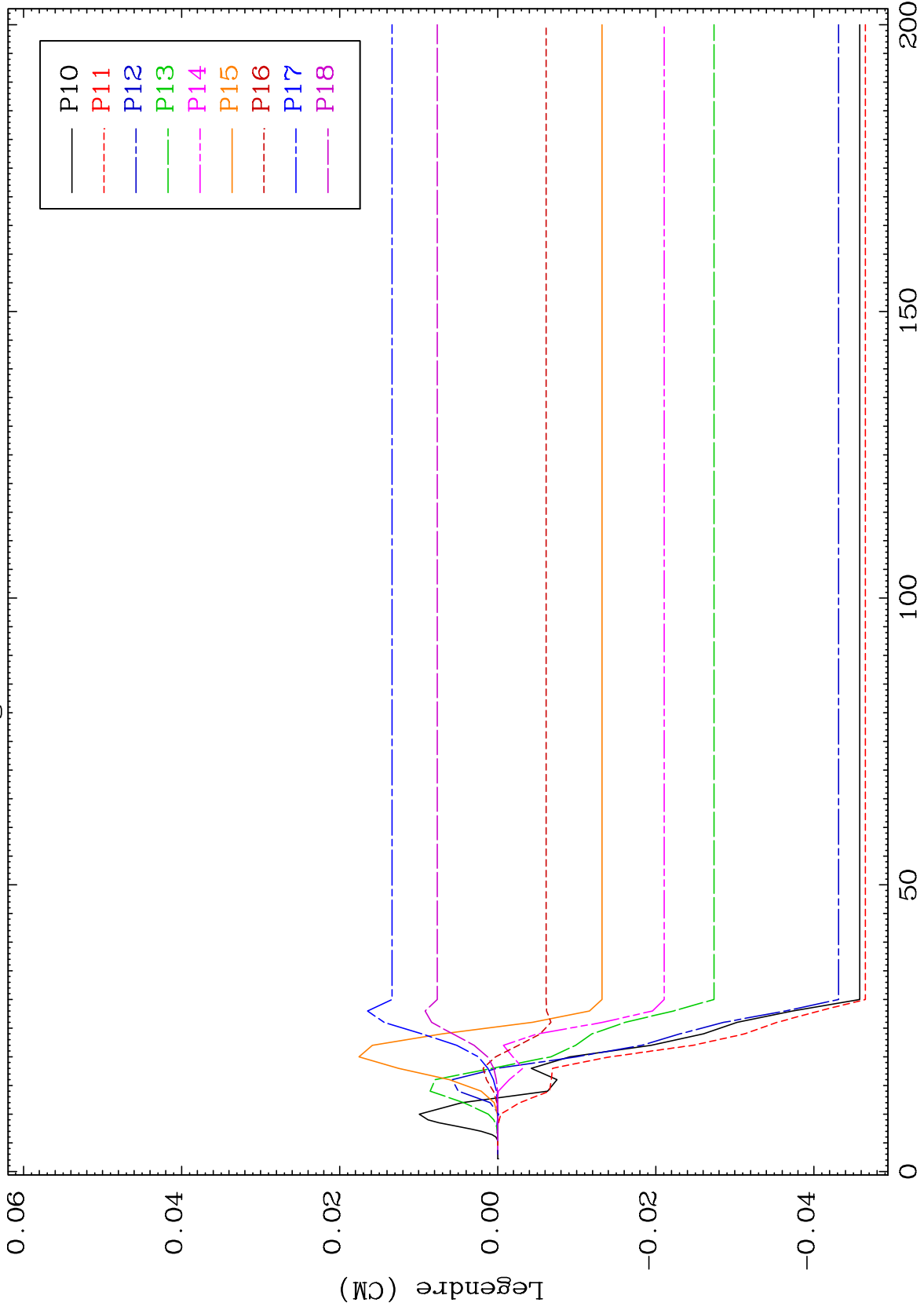


132 58-Ce-143

MAT 5846

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

58-Ce-143



133

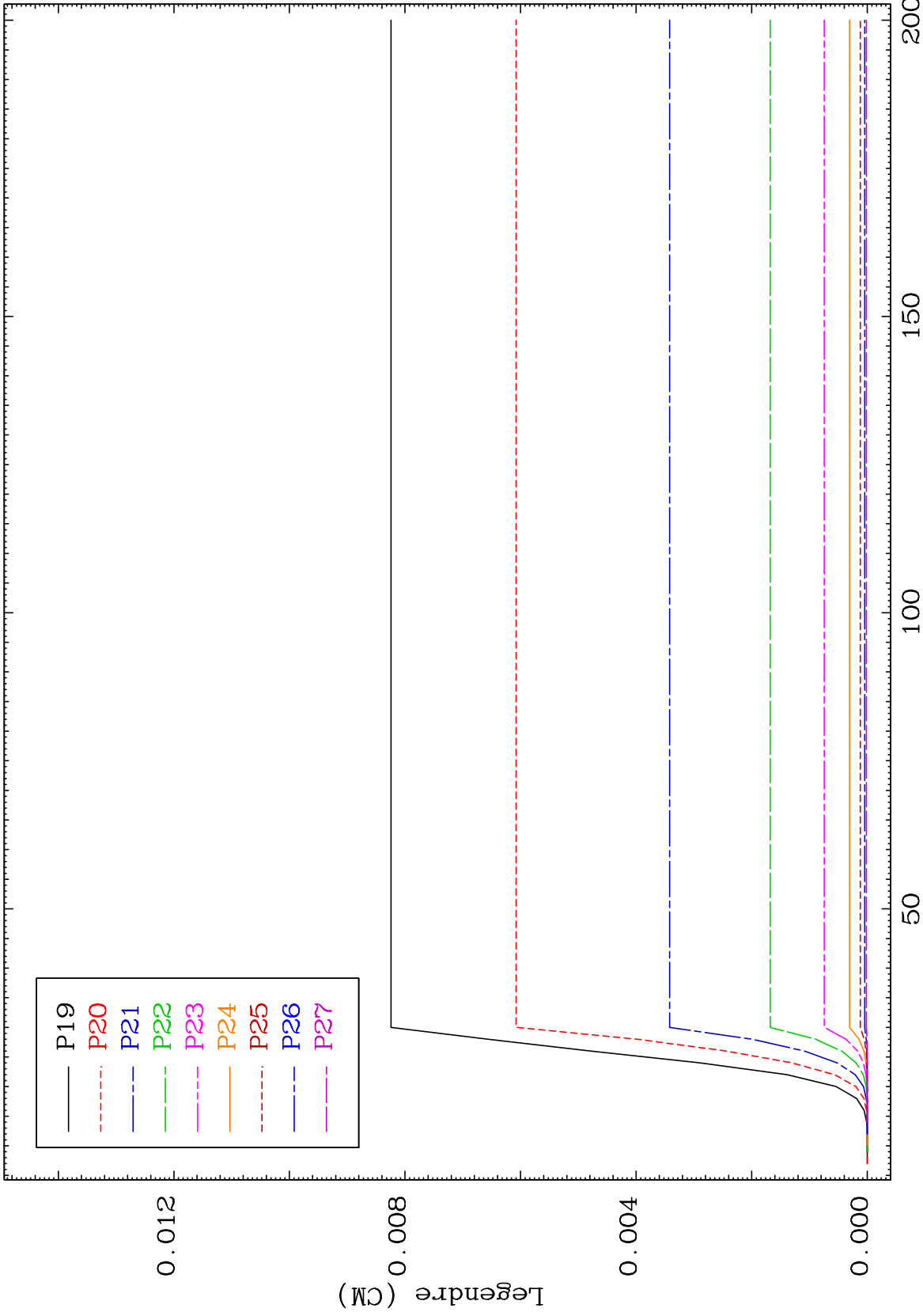
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



134

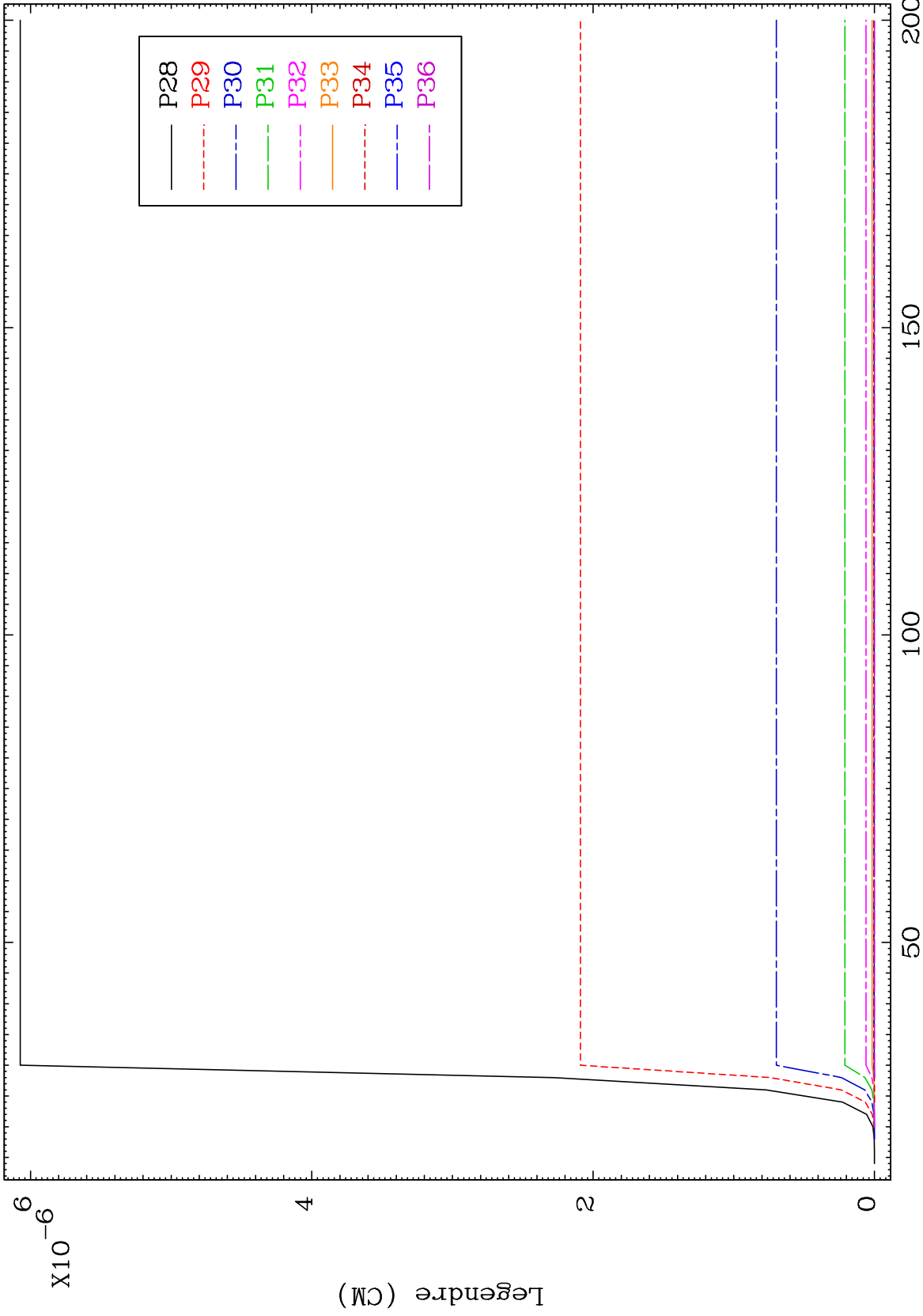
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143



135

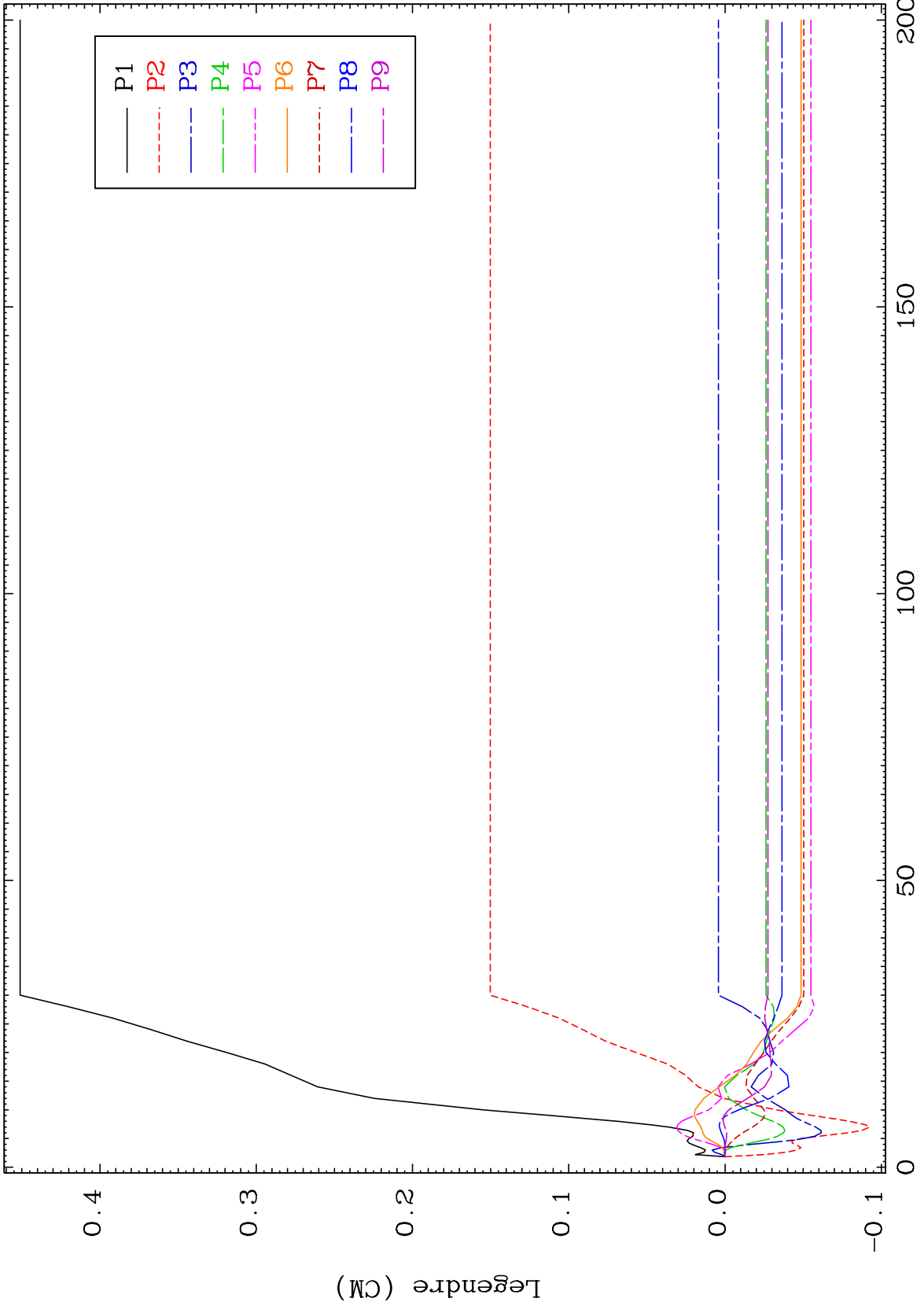
Incident Energy (MeV)

58-Ce-143

MAT 5846

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

58-Ce-143

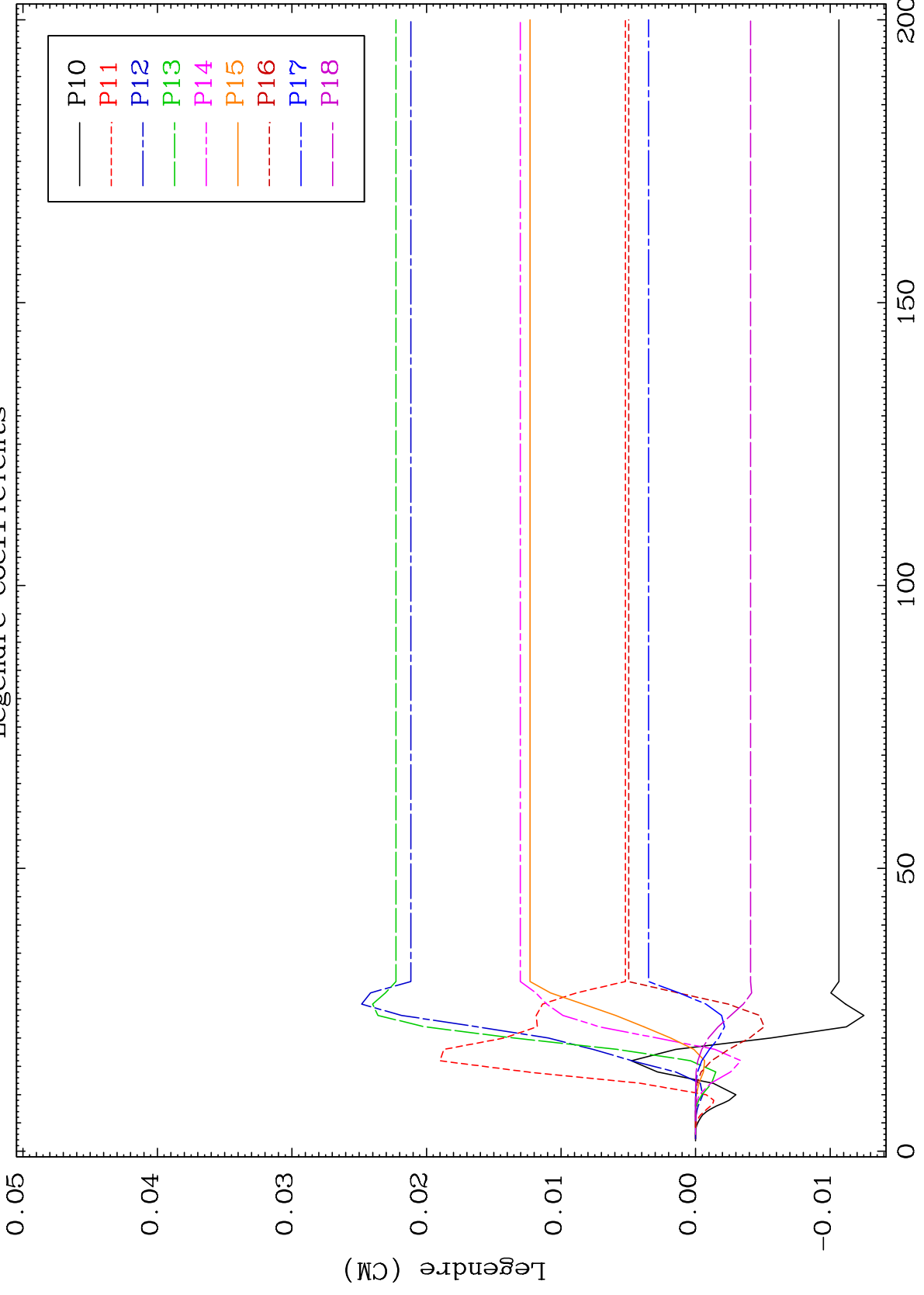


136

Incident Energy (MeV)

58-Ce-143

MAT 5846 MT= 80 (n,n') Level Legendre Coefficients 58-Ce-143

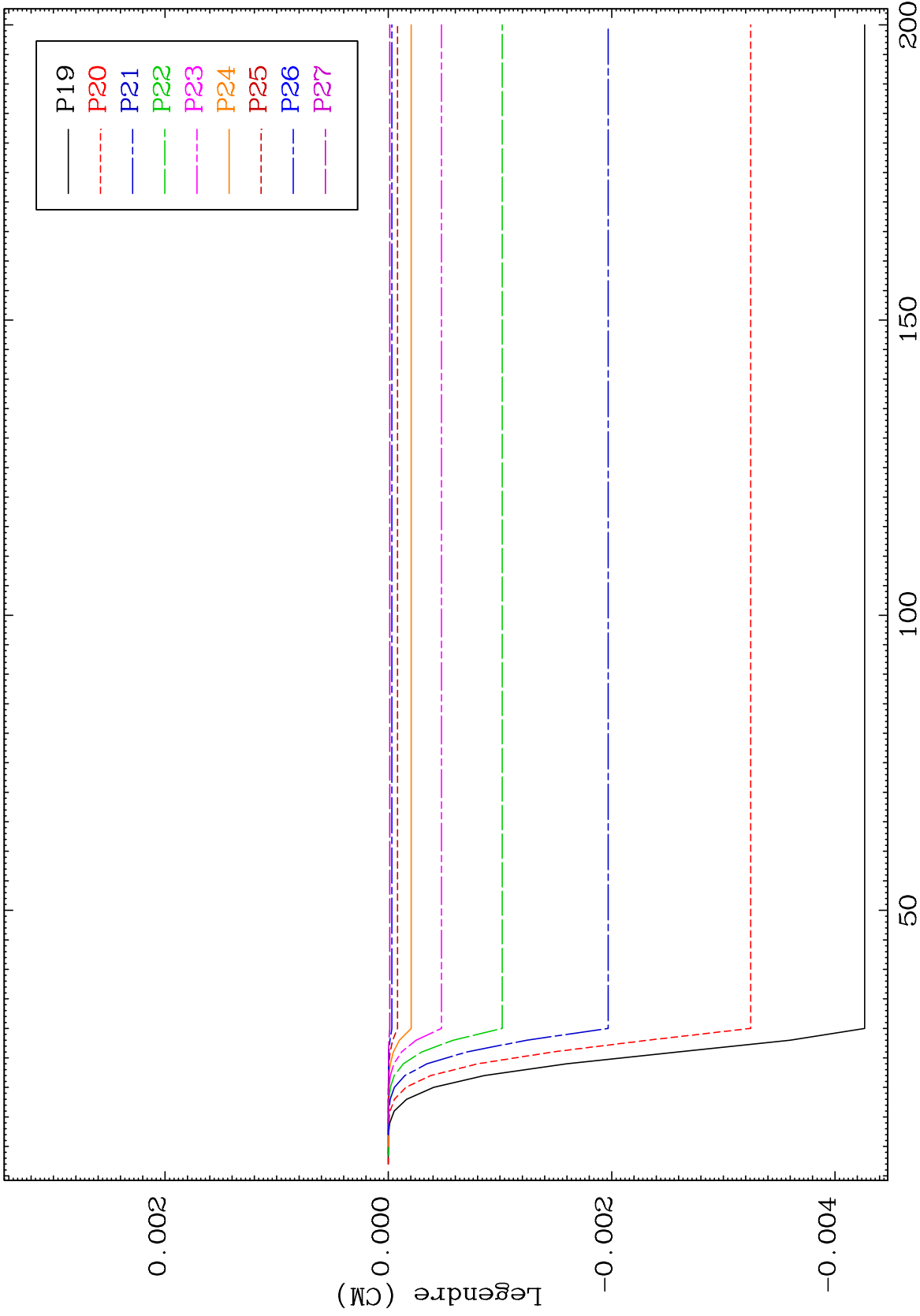


137 58-Ce-143

MAT 5846

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

58-Ce-143



138

Incident Energy (MeV)

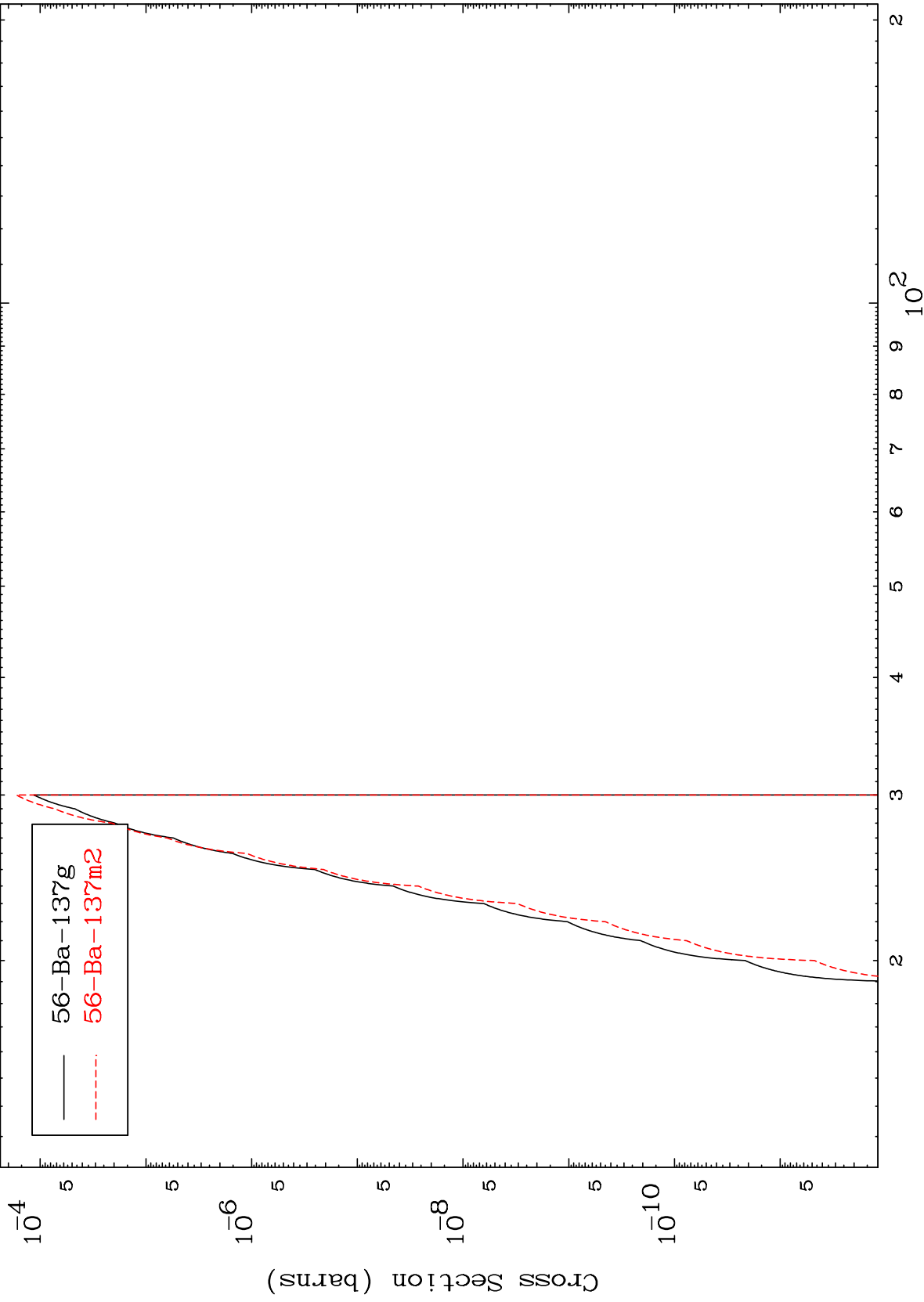
58-Ce-143

MAT 5846

(n,3n) α

58-Ce-143

Radionuclide Production Cross Section



140

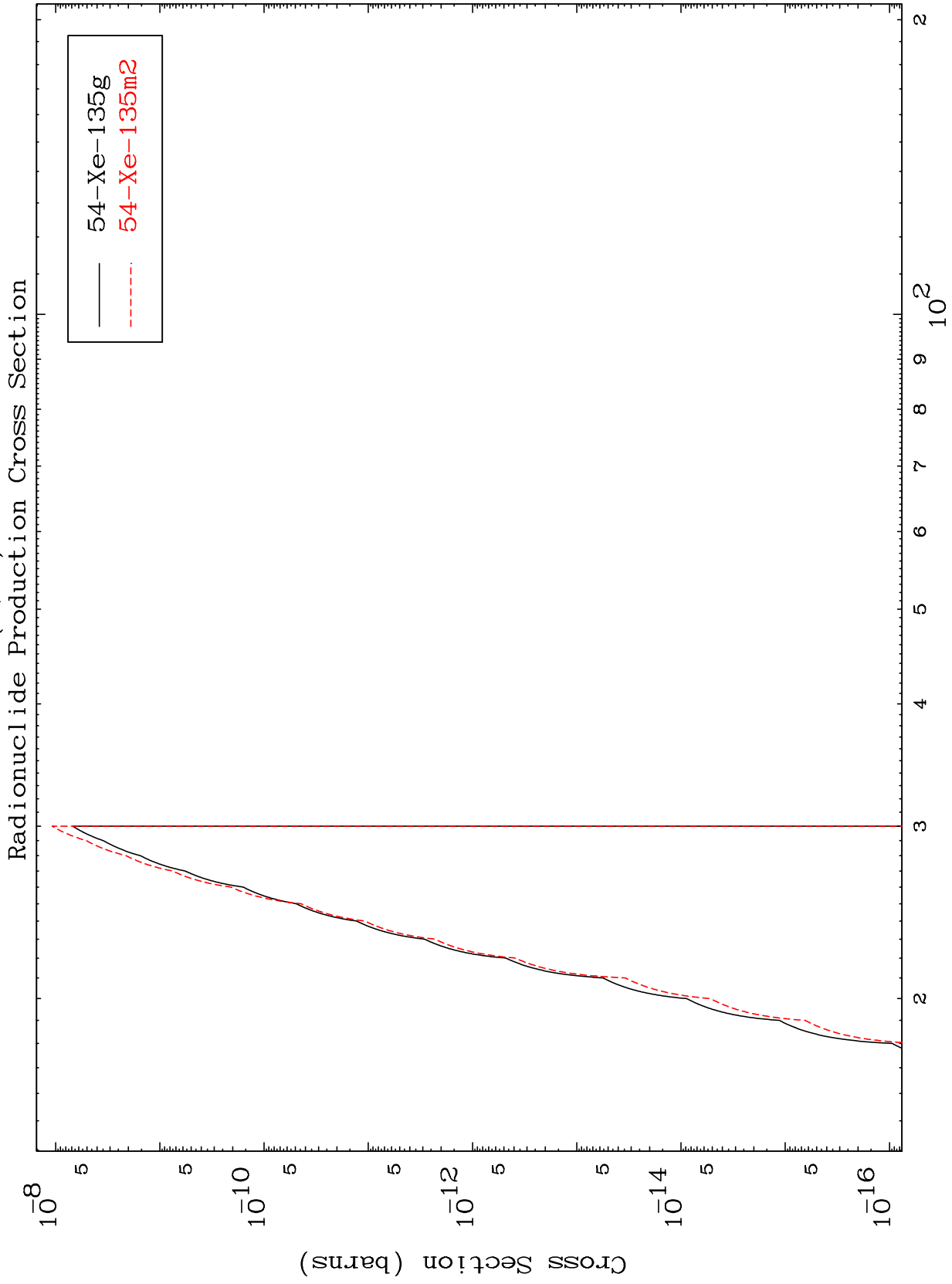
Incident Energy (MeV)

58-Ce-143

MAT 5846

(n,n') 2 α

58-Ce-143



141

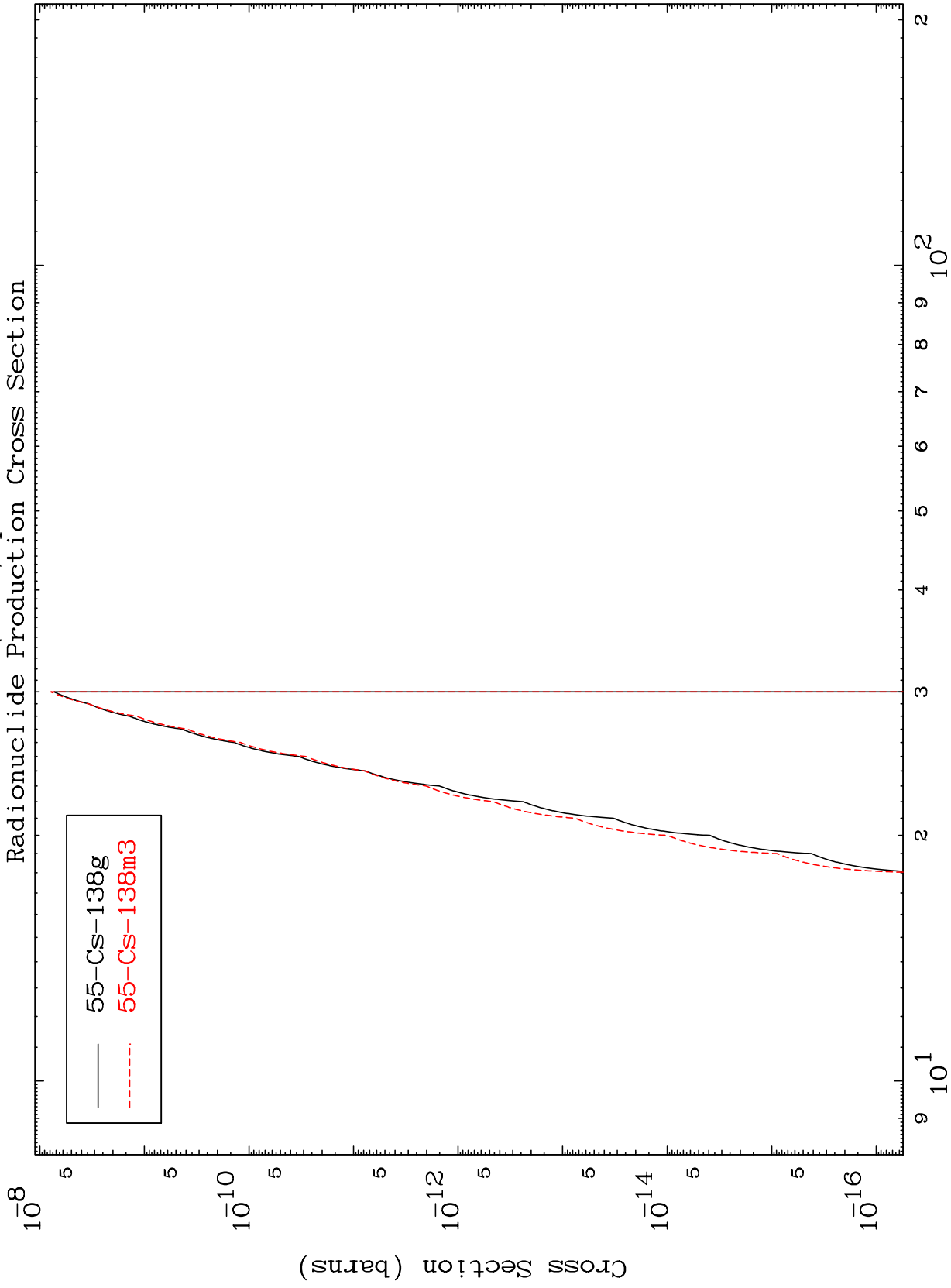
Incident Energy (MeV)

58-Ce-143

MAT 5846

(n,n') p α

58-Ce-143



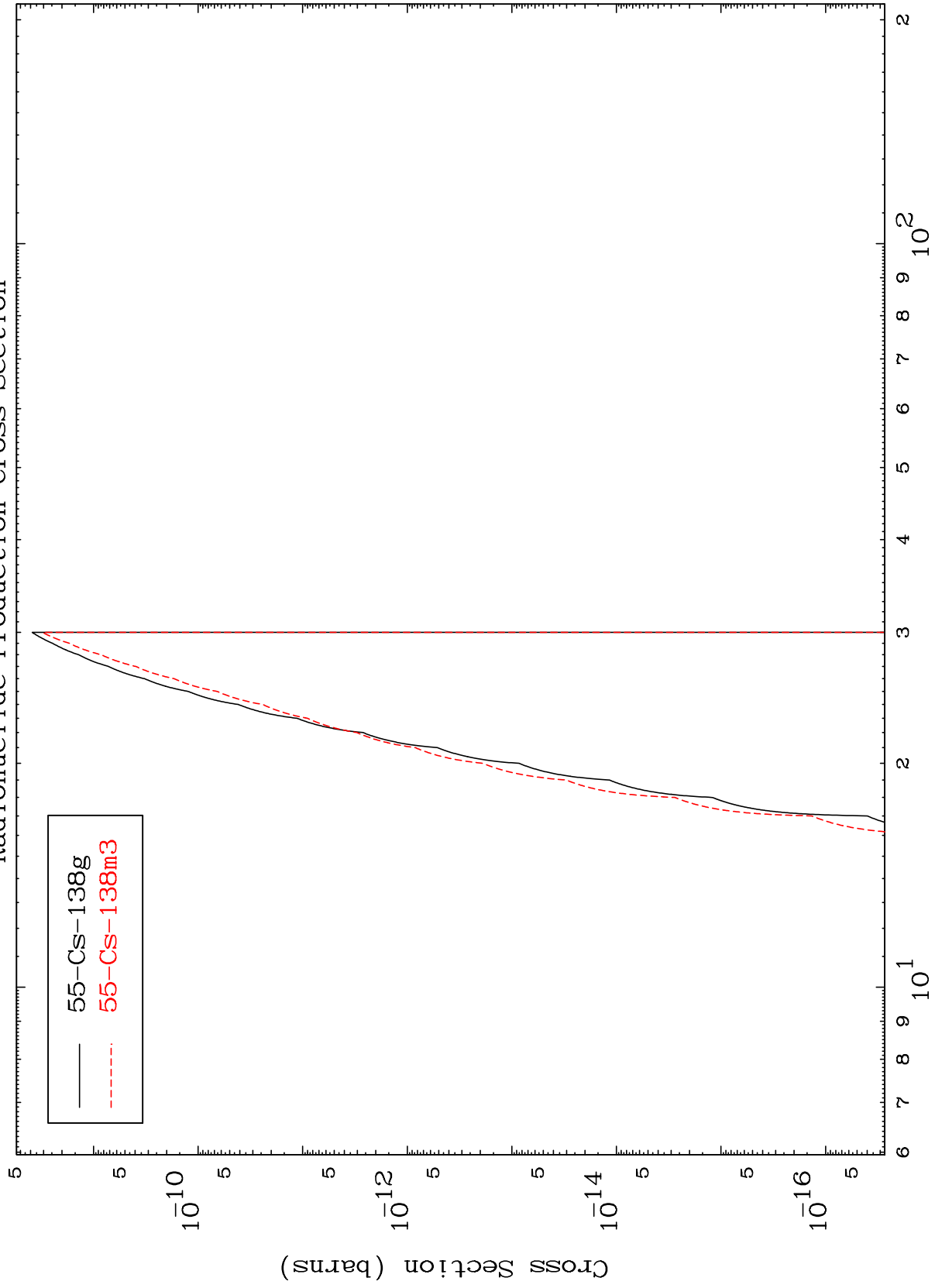
142

58-Ce-143

MAT 5846

58-Ce-143

(n,d) α
Radionuclide Production Cross Section



55-Cs-138g
55-Cs-138m3

143

58-Ce-143

Incident Energy (MeV)