

Program EVALPLOT
(Version 2018-1)

by

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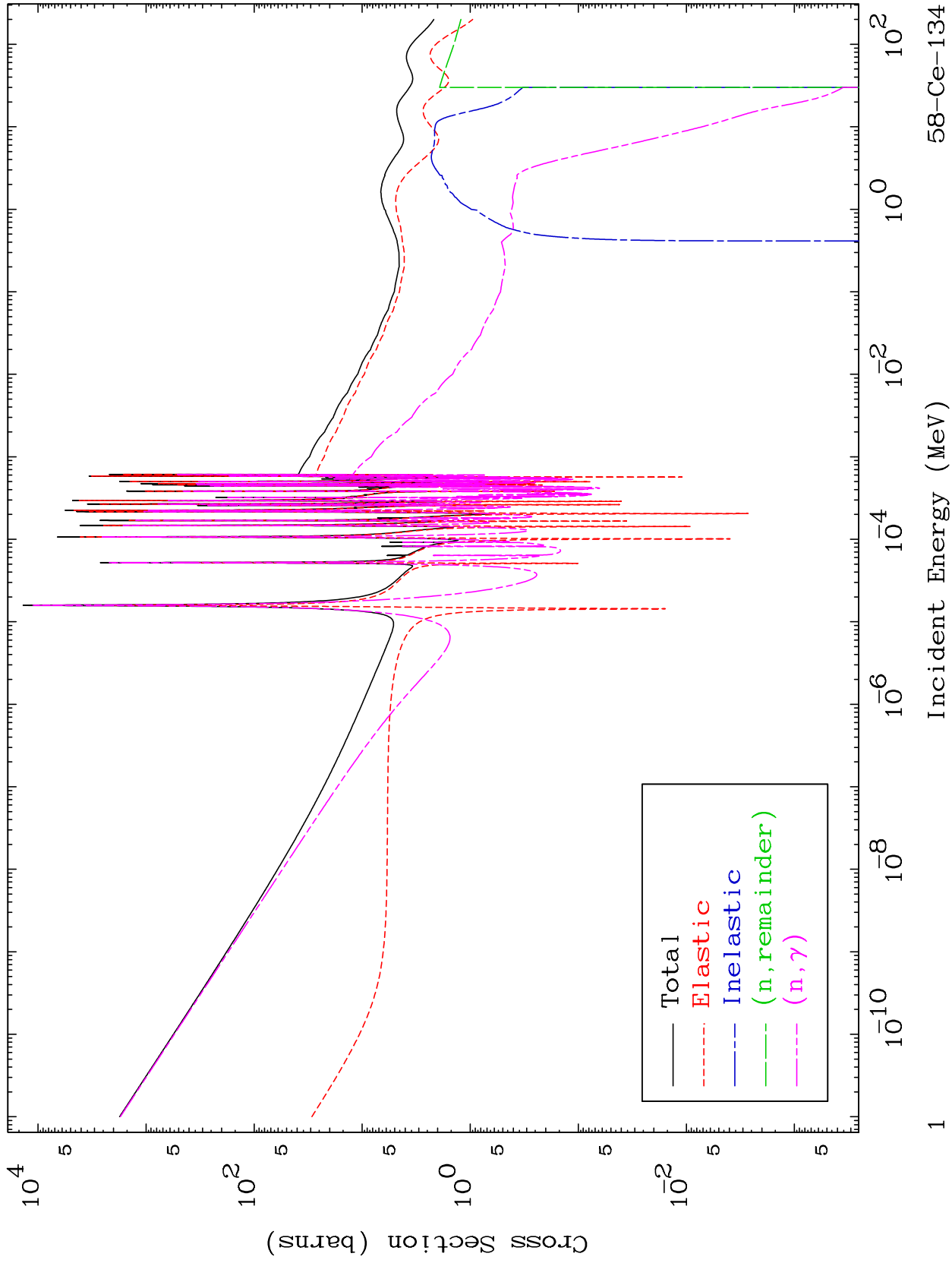
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5819

Major
293 Kelvin Cross Sections

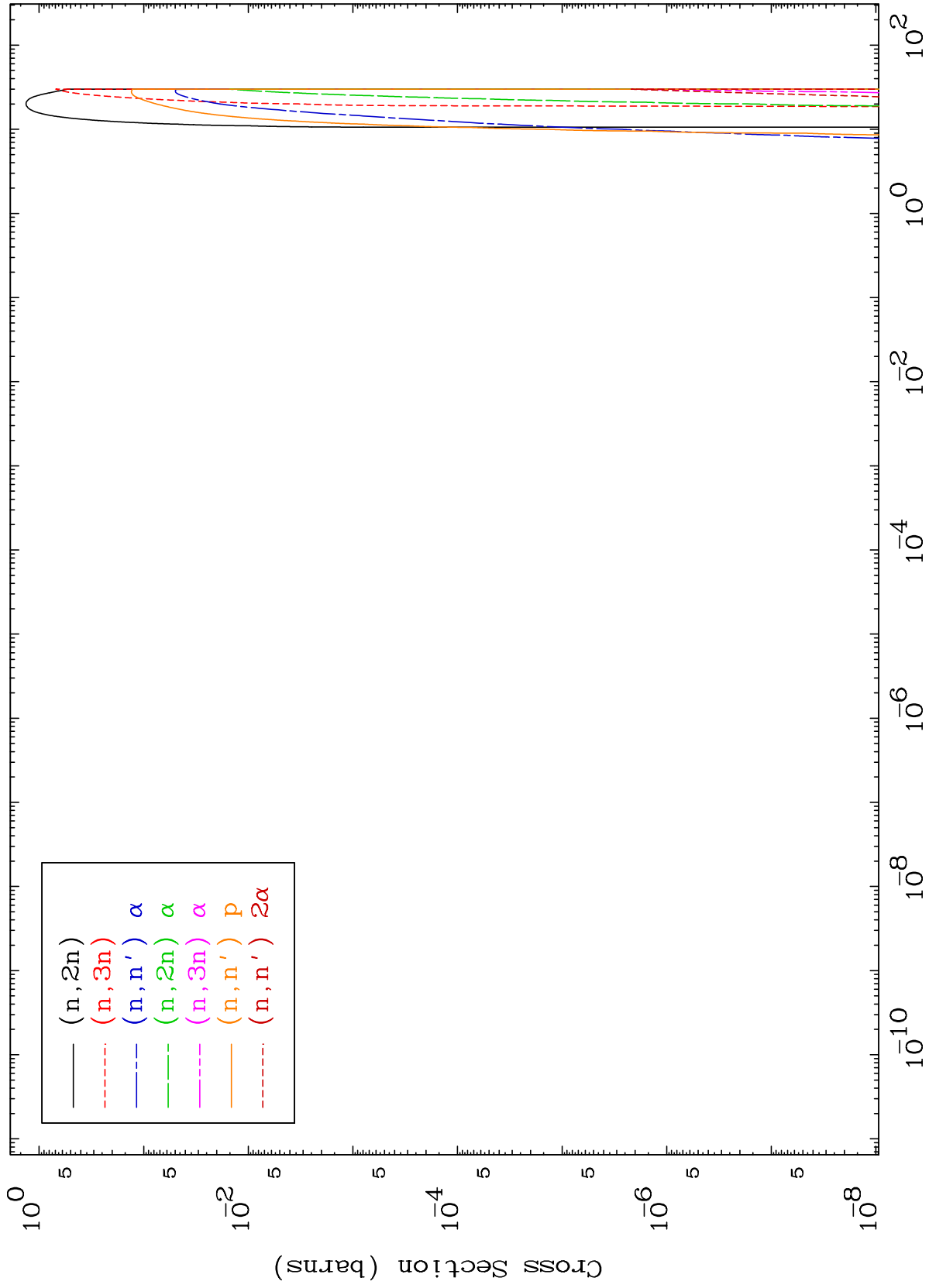
58-Ce-134



MAT 5819

Neutron Production
293 Kelvin Cross Sections

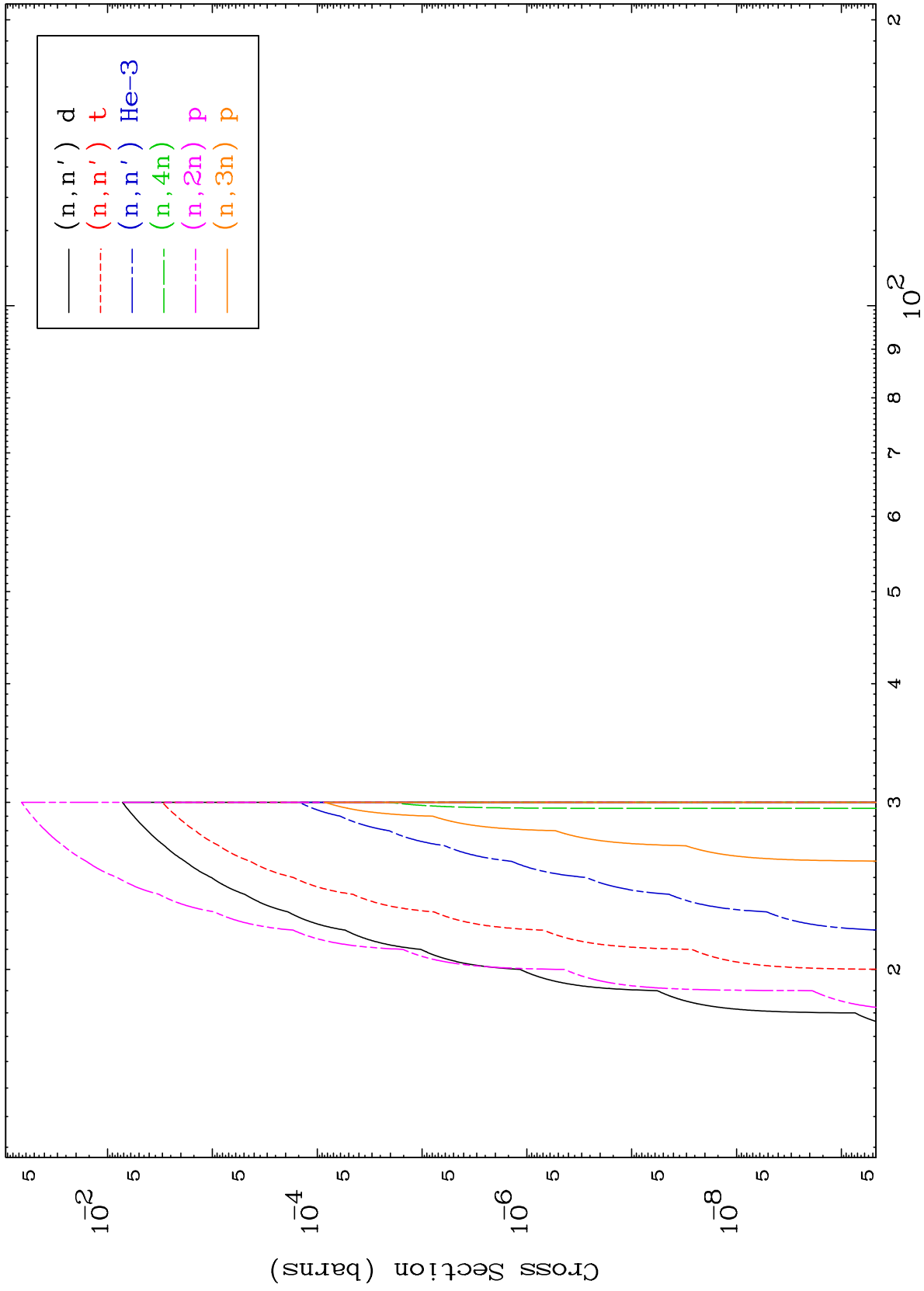
58-Ce-134



2

Incident Energy (MeV)

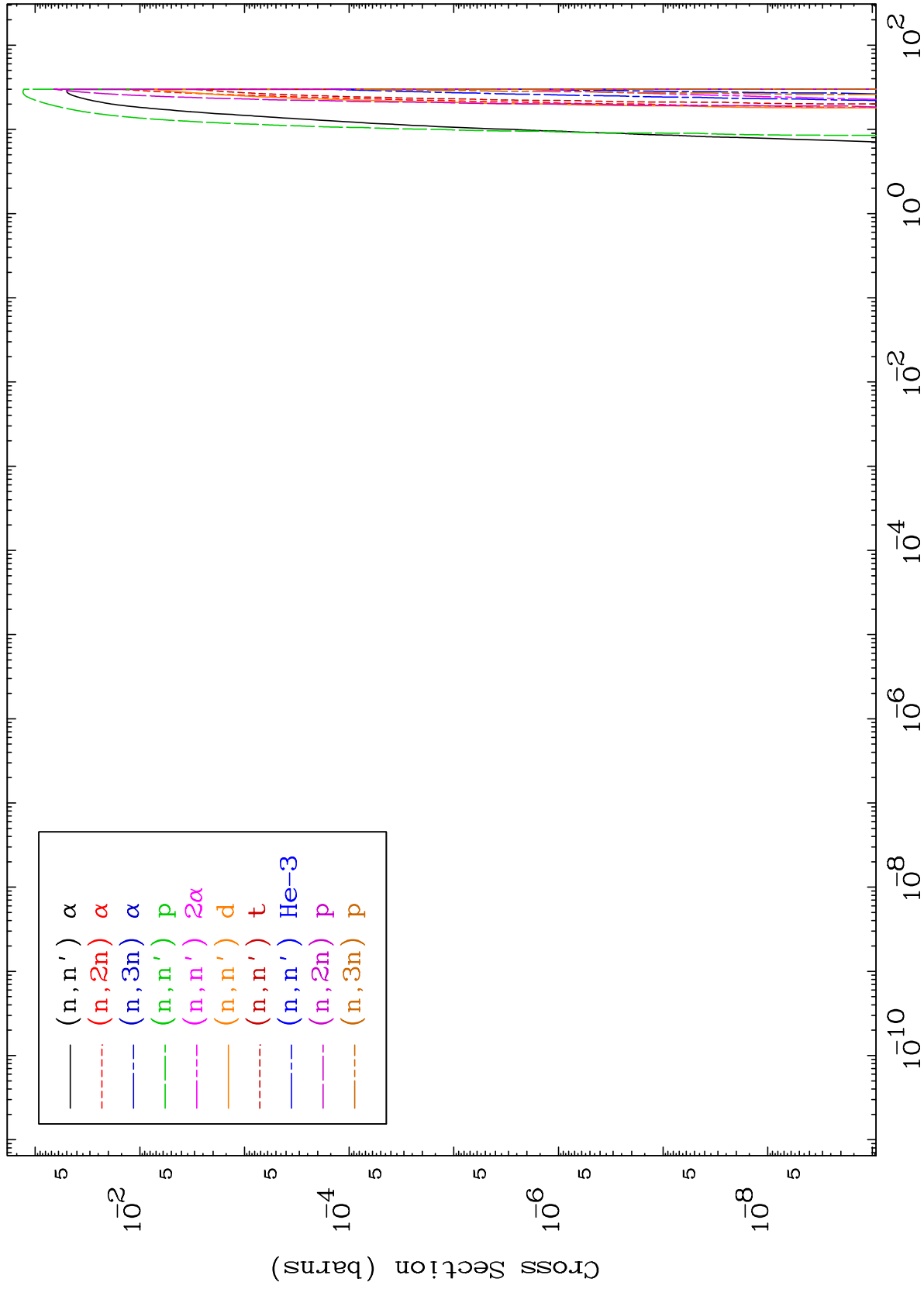
58-Ce-134



MAT 5819

Charged Particle
293 Kelvin Cross Sections

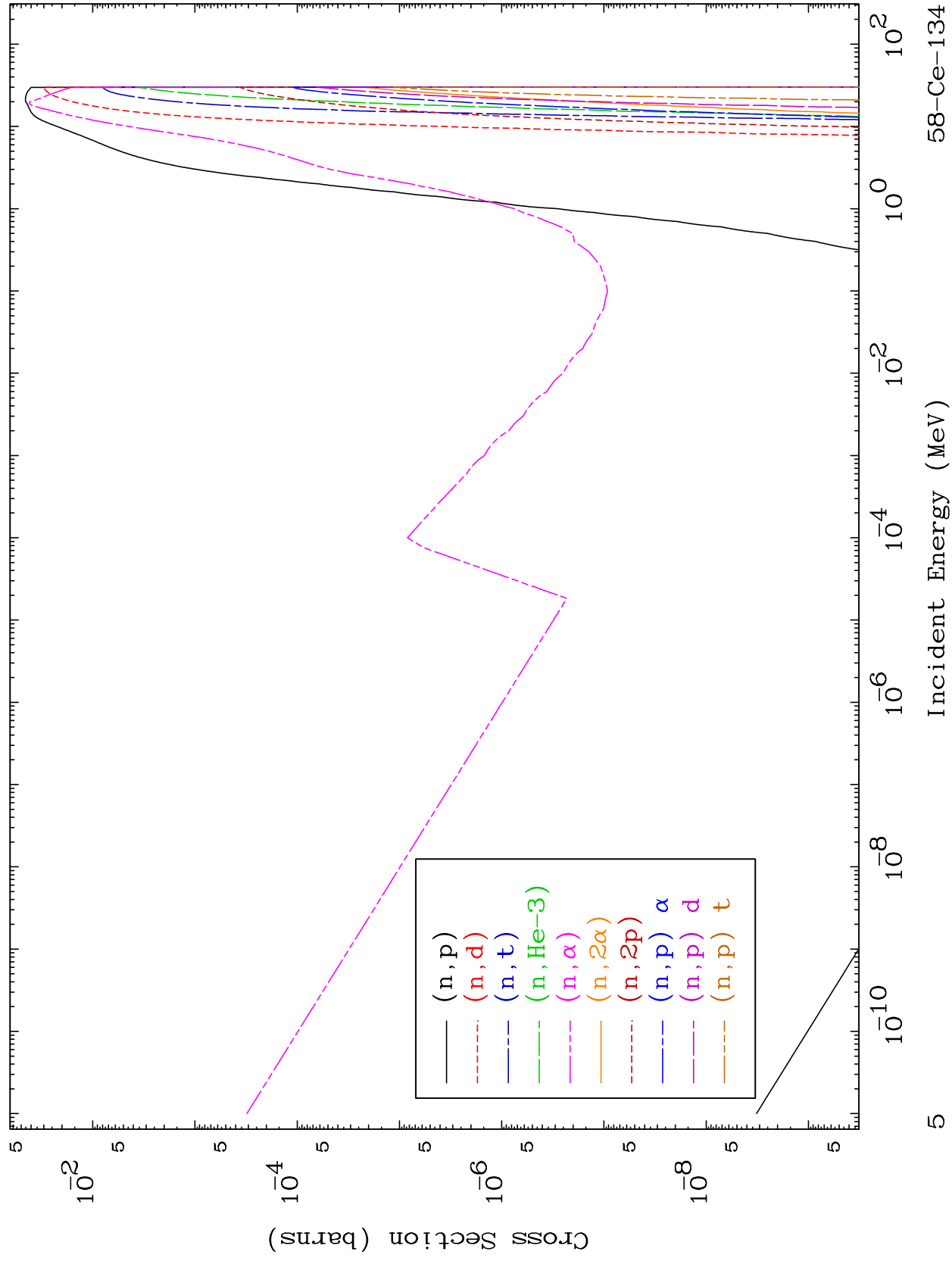
58-Ce-134



MAT 5819

Charged Particle
293 Kelvin Cross Sections

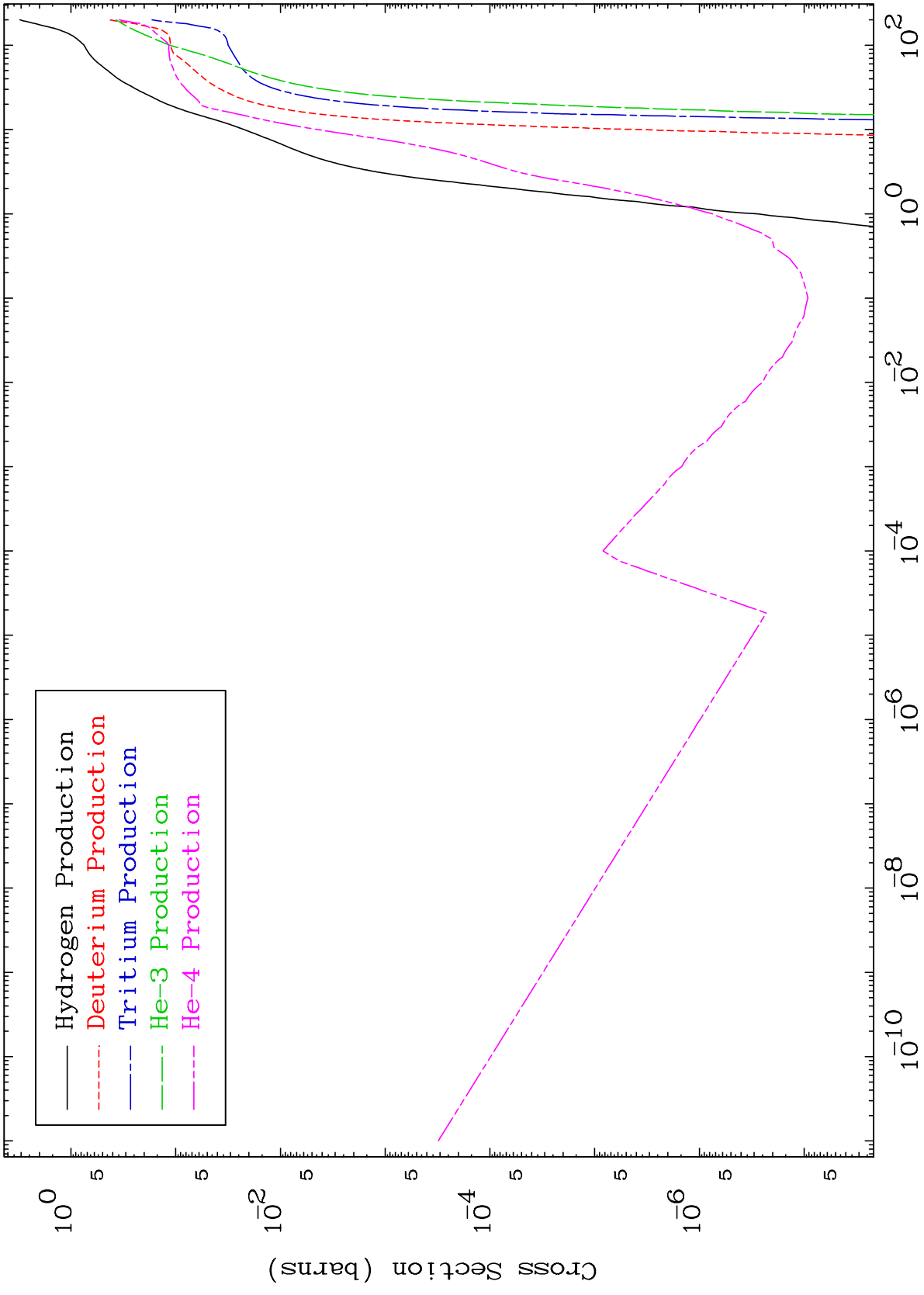
58-Ce-134



MAT 5819

Particle Production
293 Kelvin Cross Sections

58-Ce-134



6

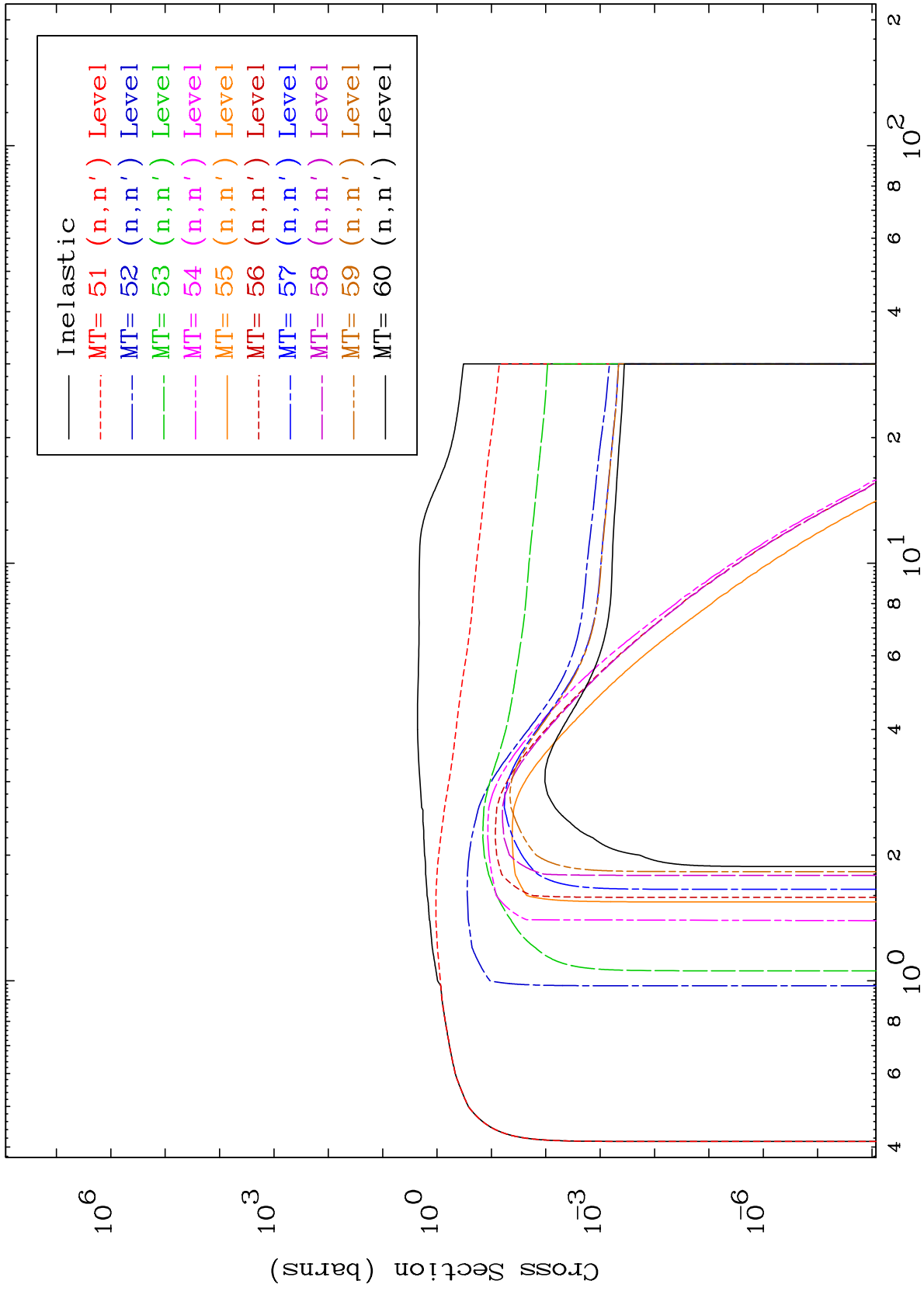
58-Ce-134

MAT 5819

(n,n') Level

58-Ce-134

293 Kelvin Cross Sections



7

Incident Energy (MeV)

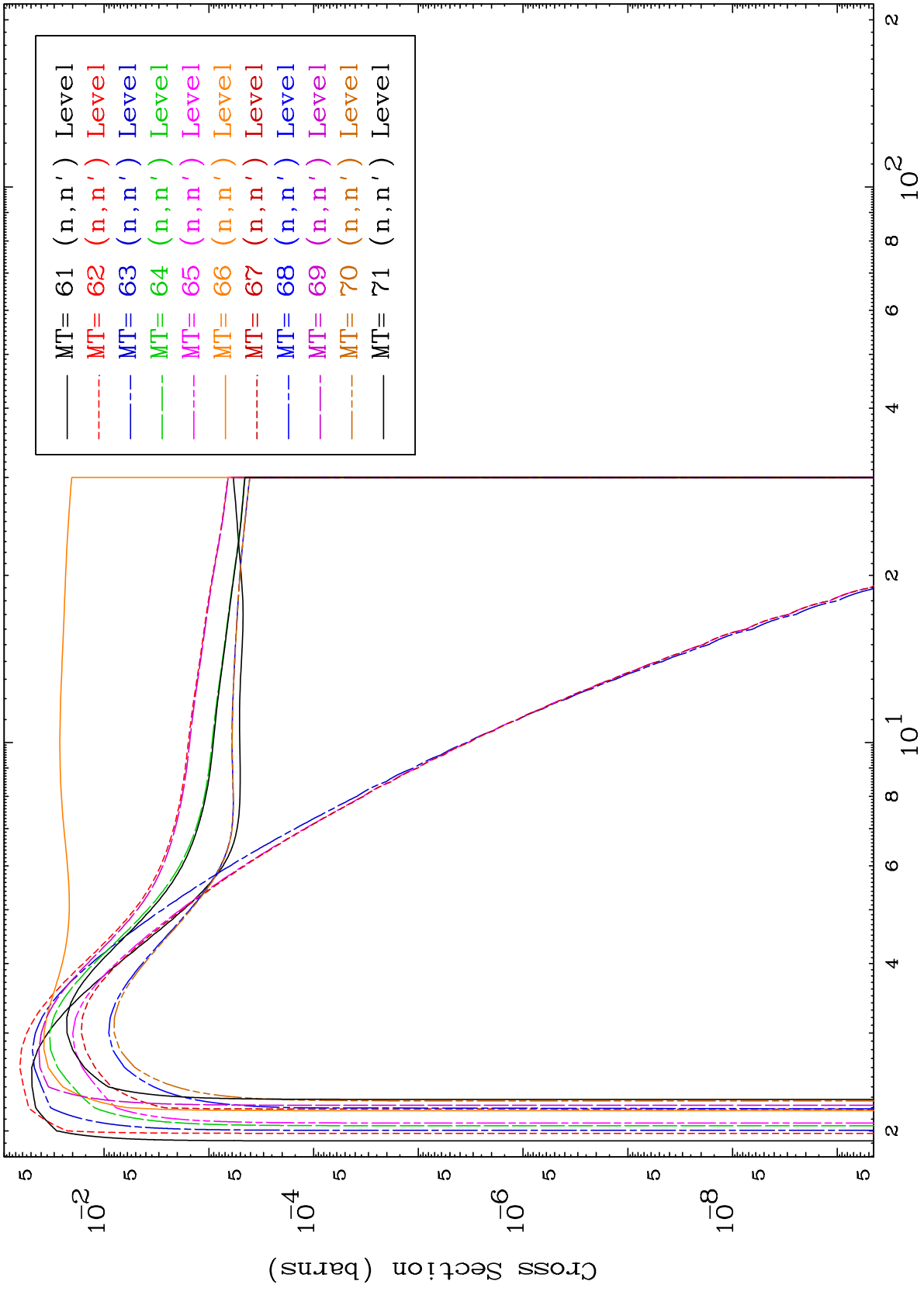
58-Ce-134

MAT 5819

(n,n') Level

58-Ce-134

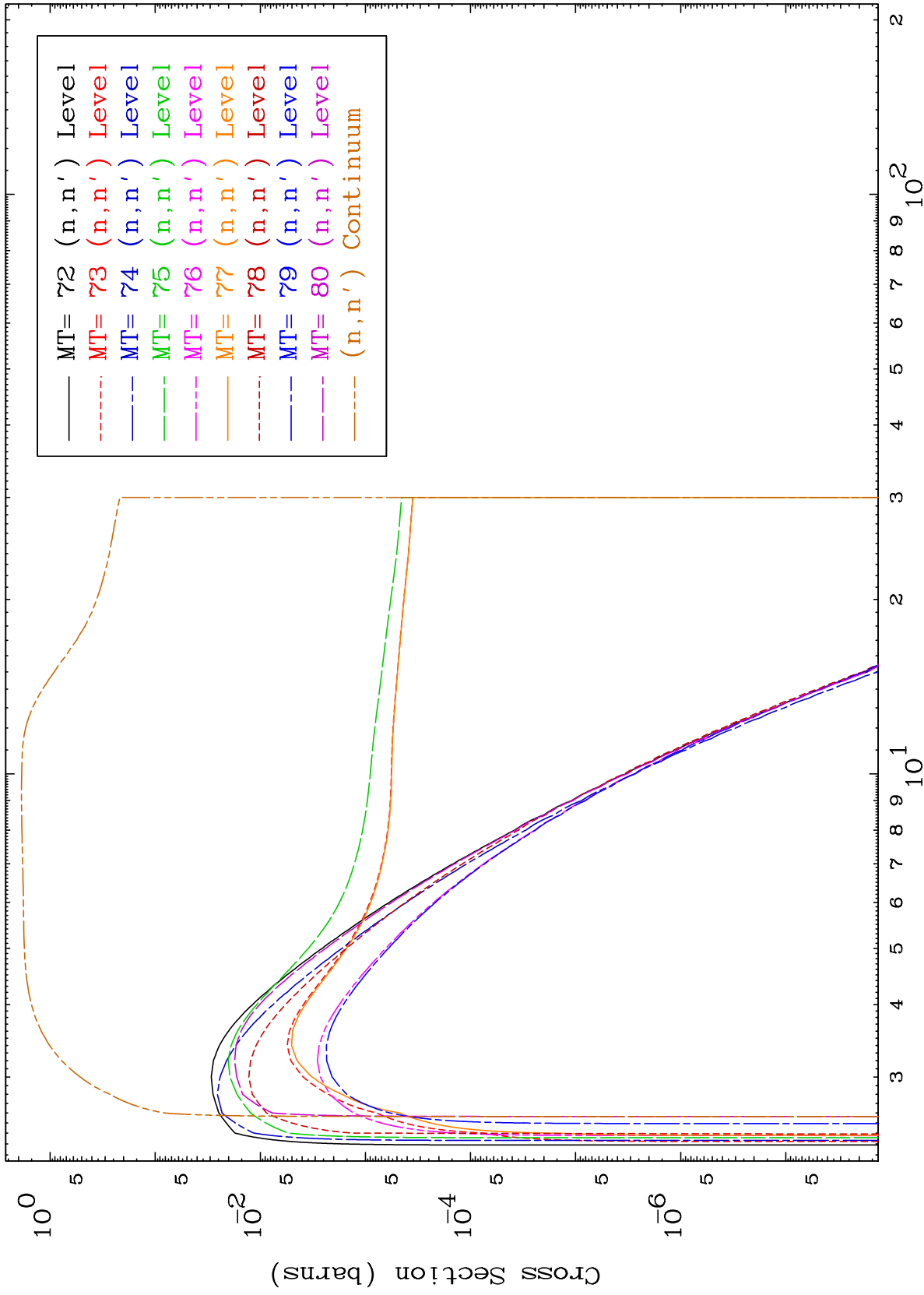
293 Kelvin Cross Sections



8

Incident Energy (MeV)

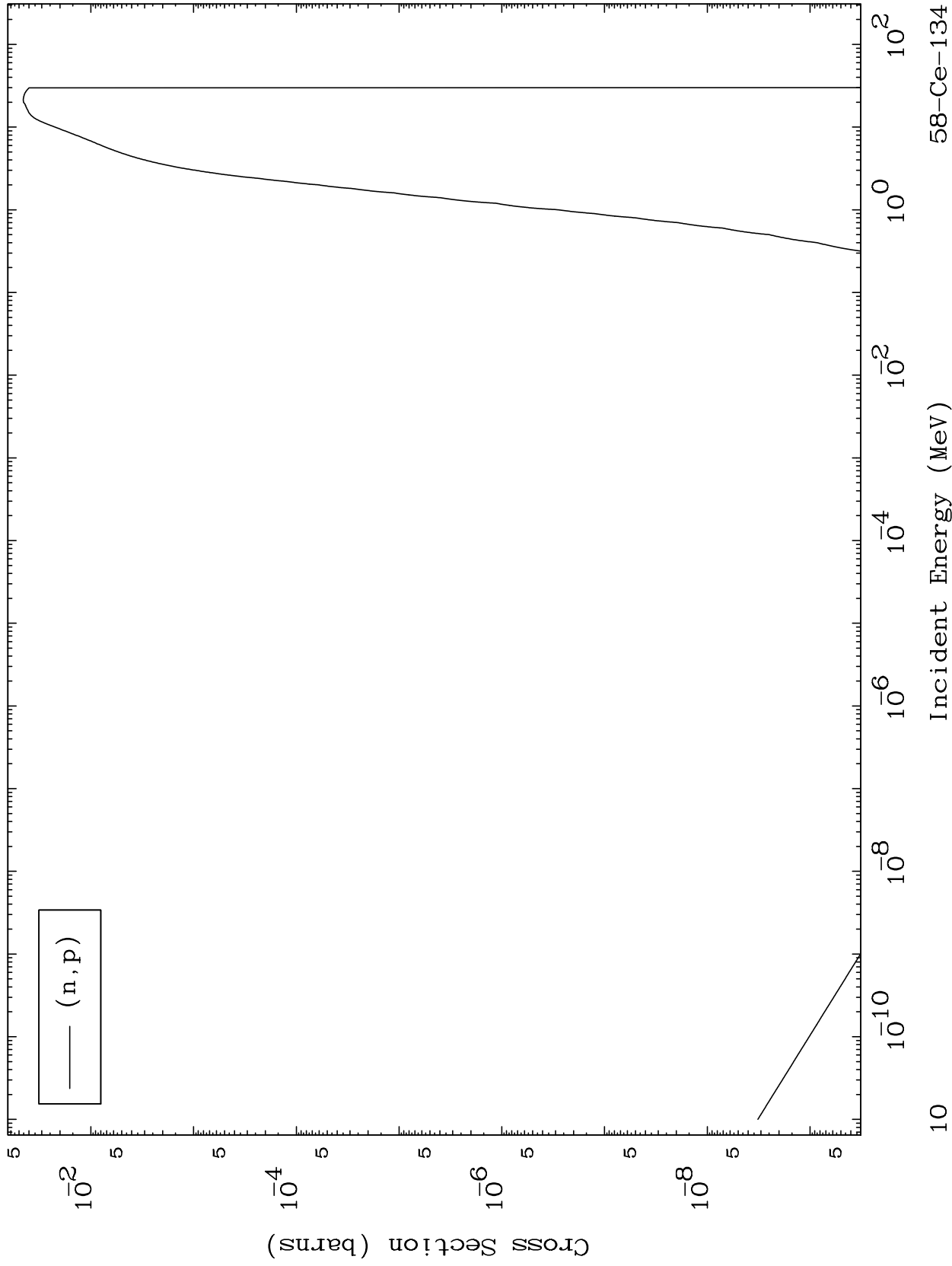
58-Ce-134



MAT 5819

(n,p) Levels
293 Kelvin Cross Sections

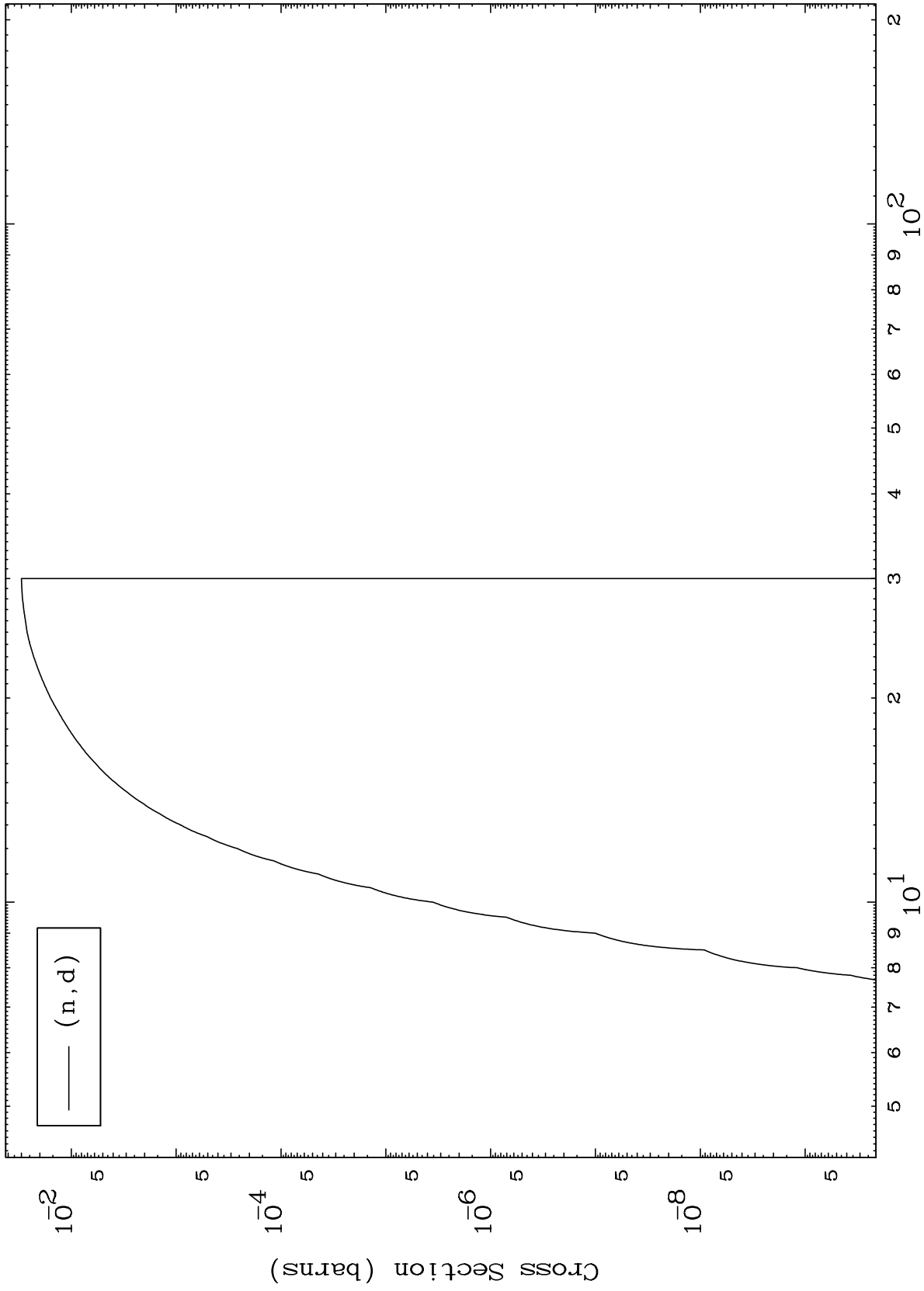
58-Ce-134



MAT 5819

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-134



11

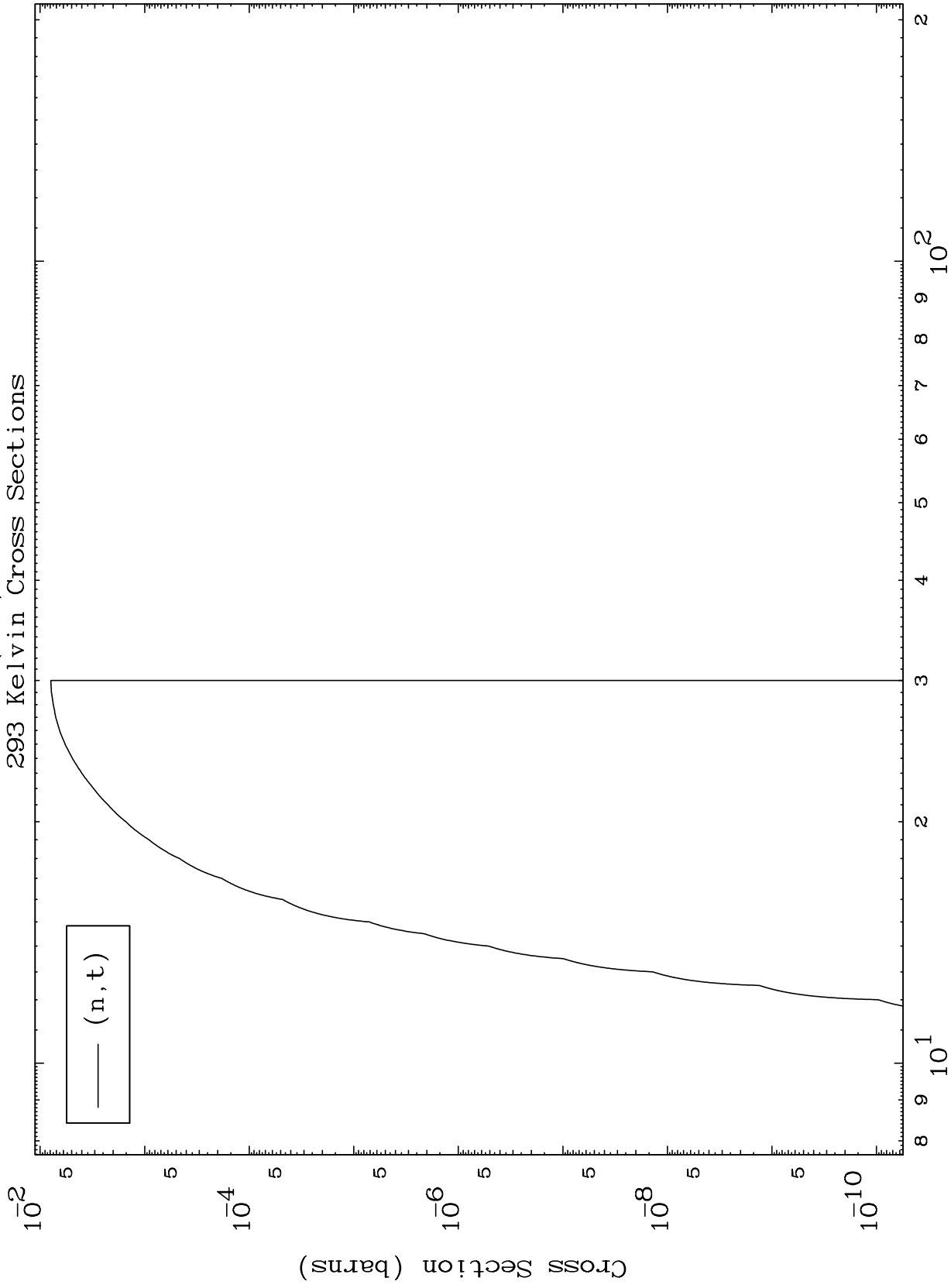
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-134



12

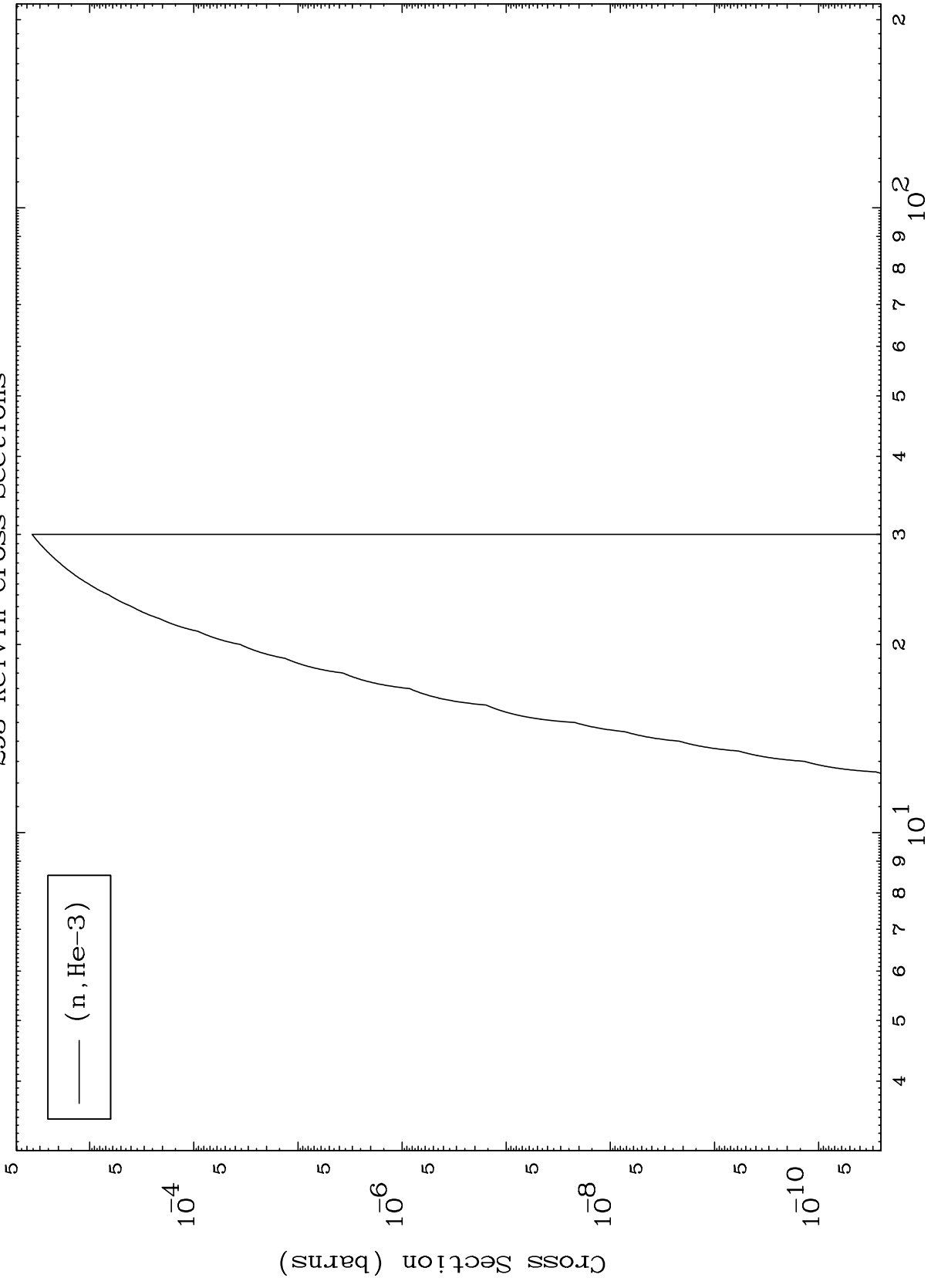
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-134



13

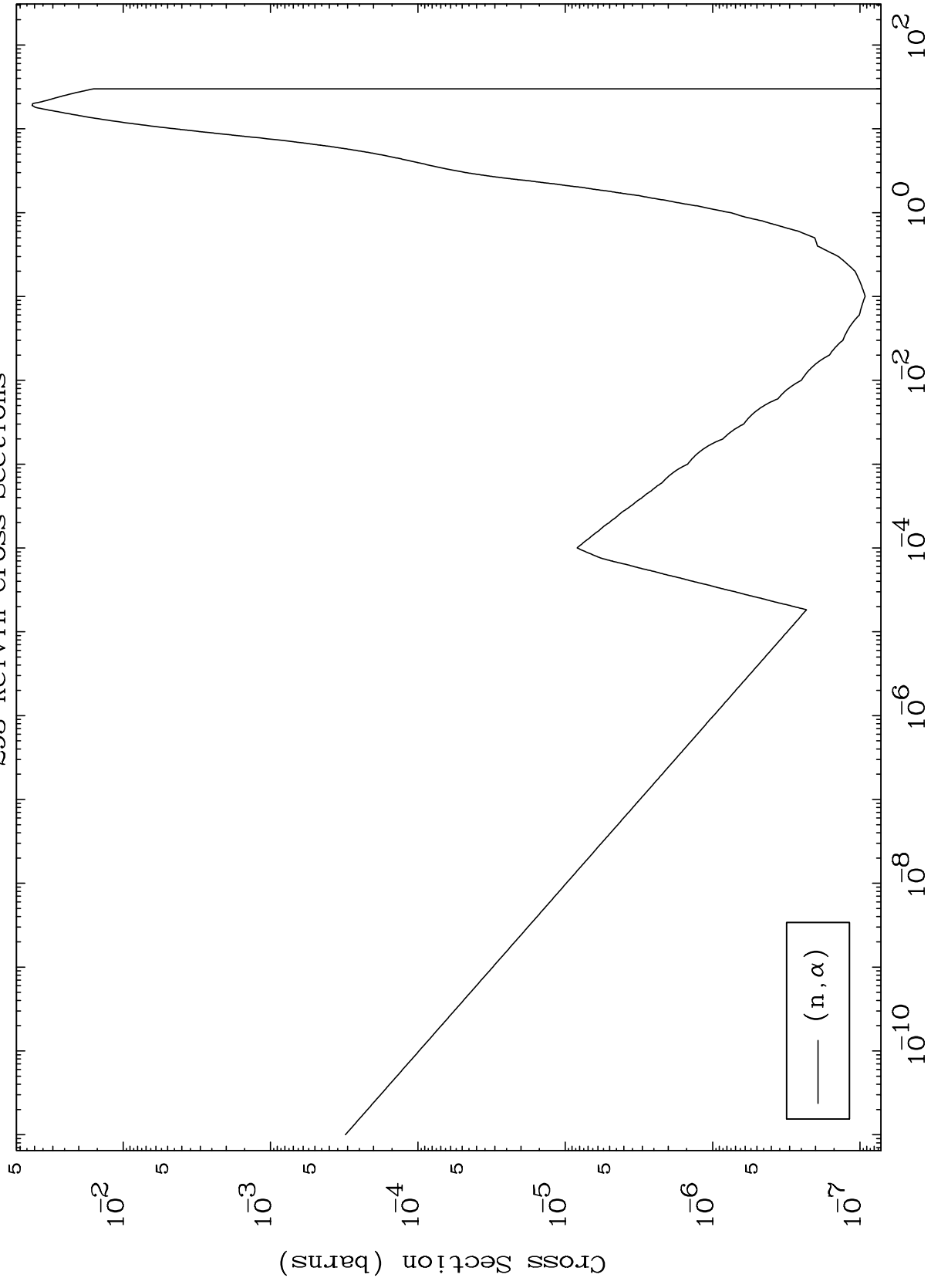
Incident Energy (MeV)

58-Ce-134

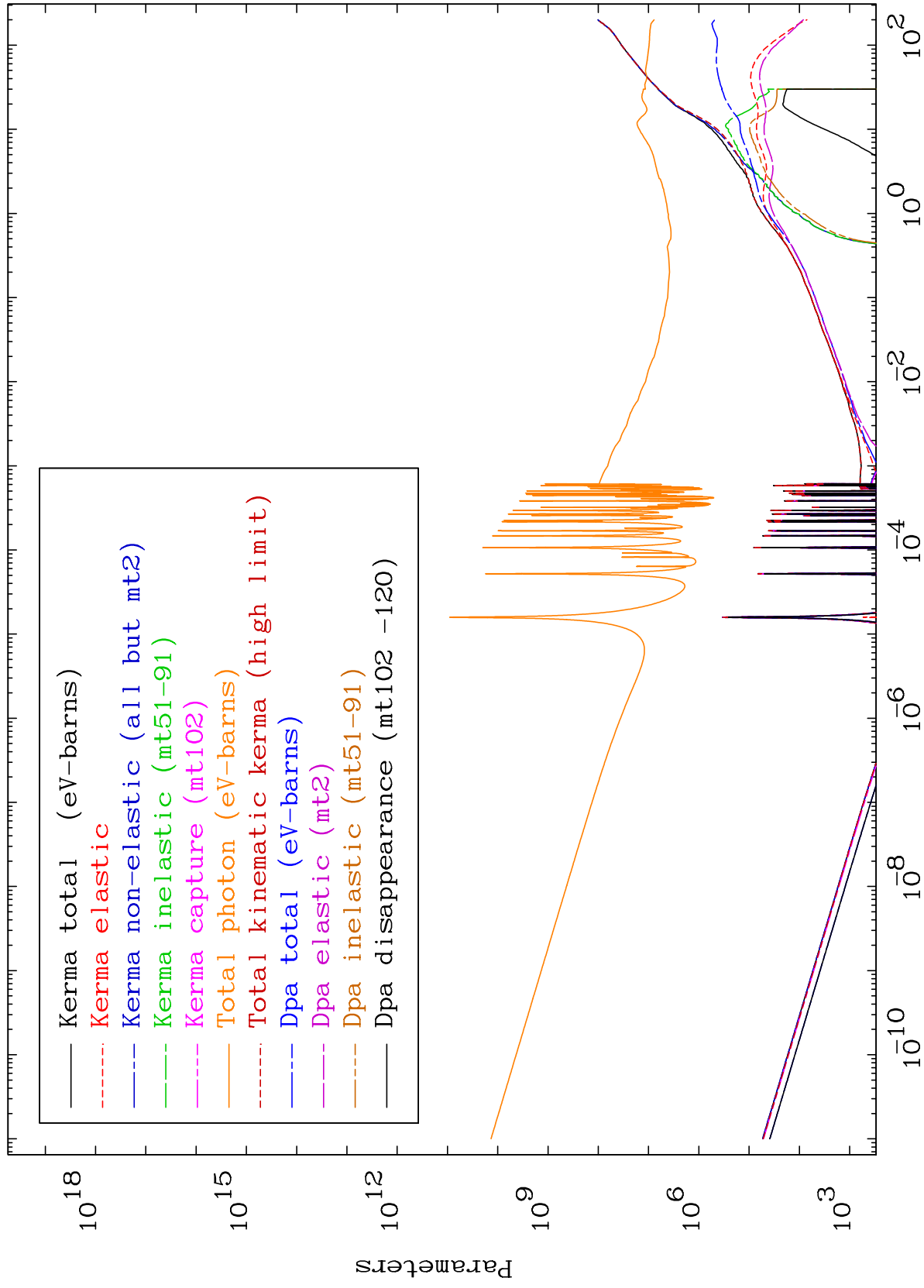
MAT 5819

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-134



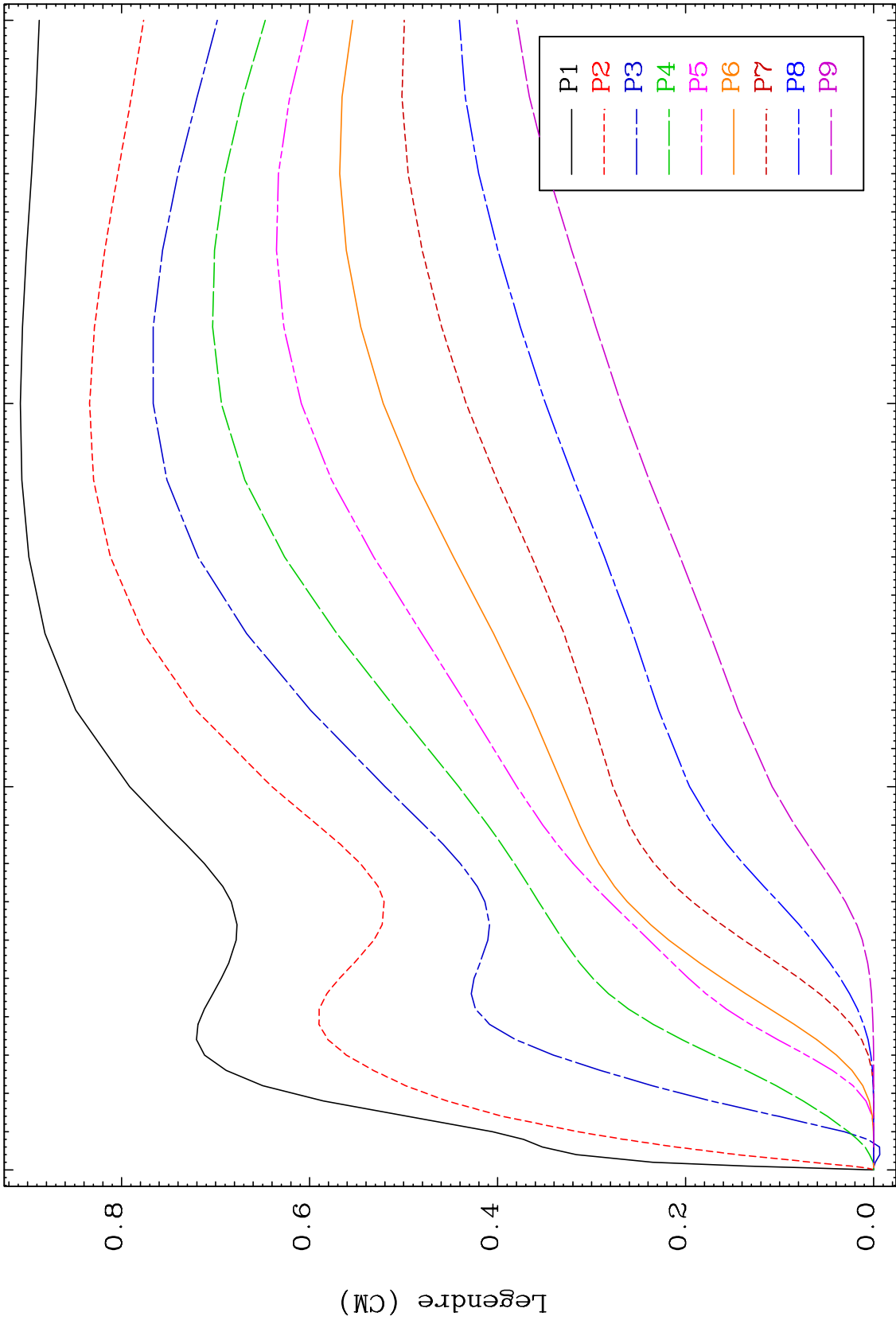
— (n, α)



MAT 5819

Elastic Legendre Coefficients

58-Ce-134



16

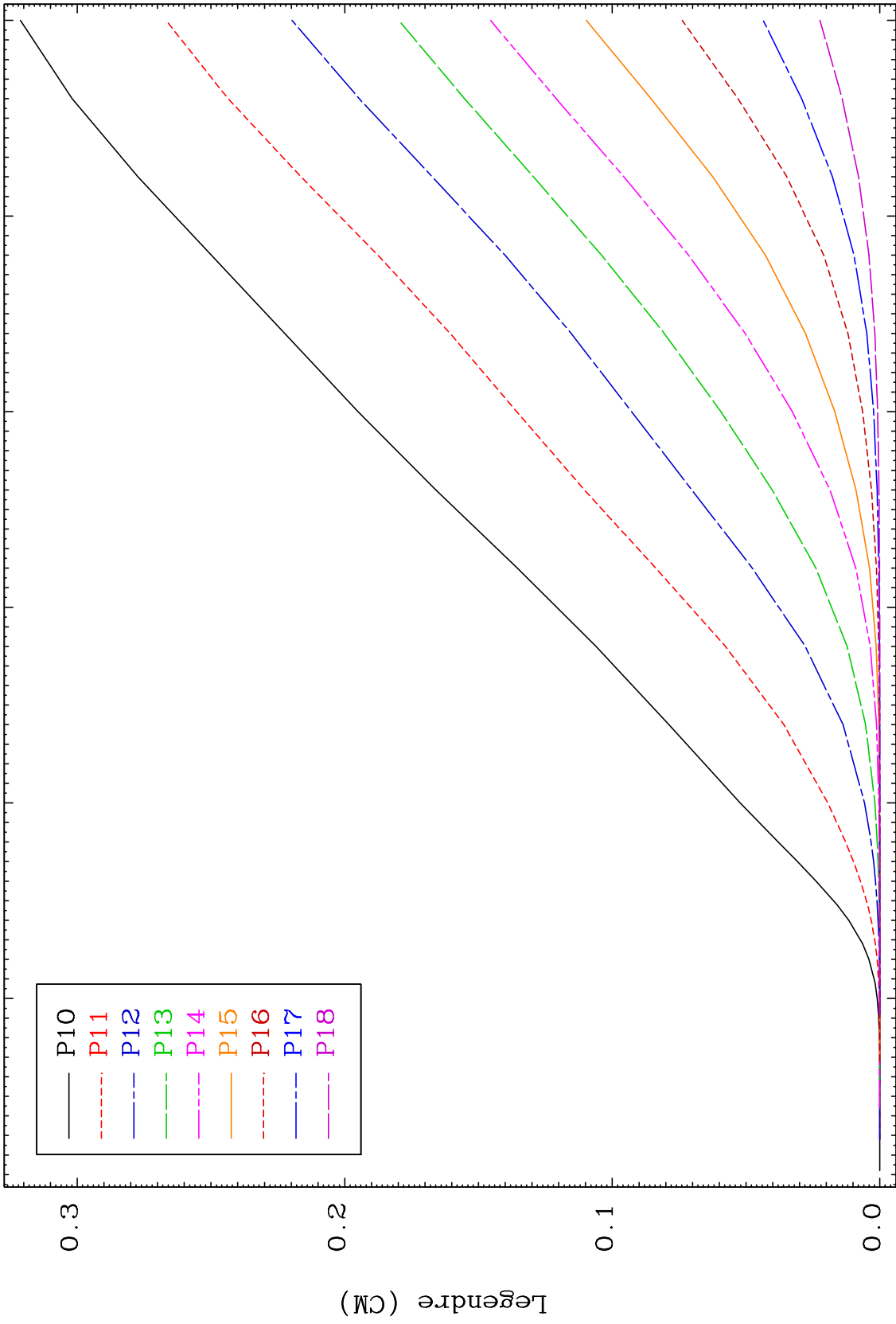
Incident Energy (MeV)

58-Ce-134

MAT 5819

Elastic Legendre Coefficients

58-Ce-134



17

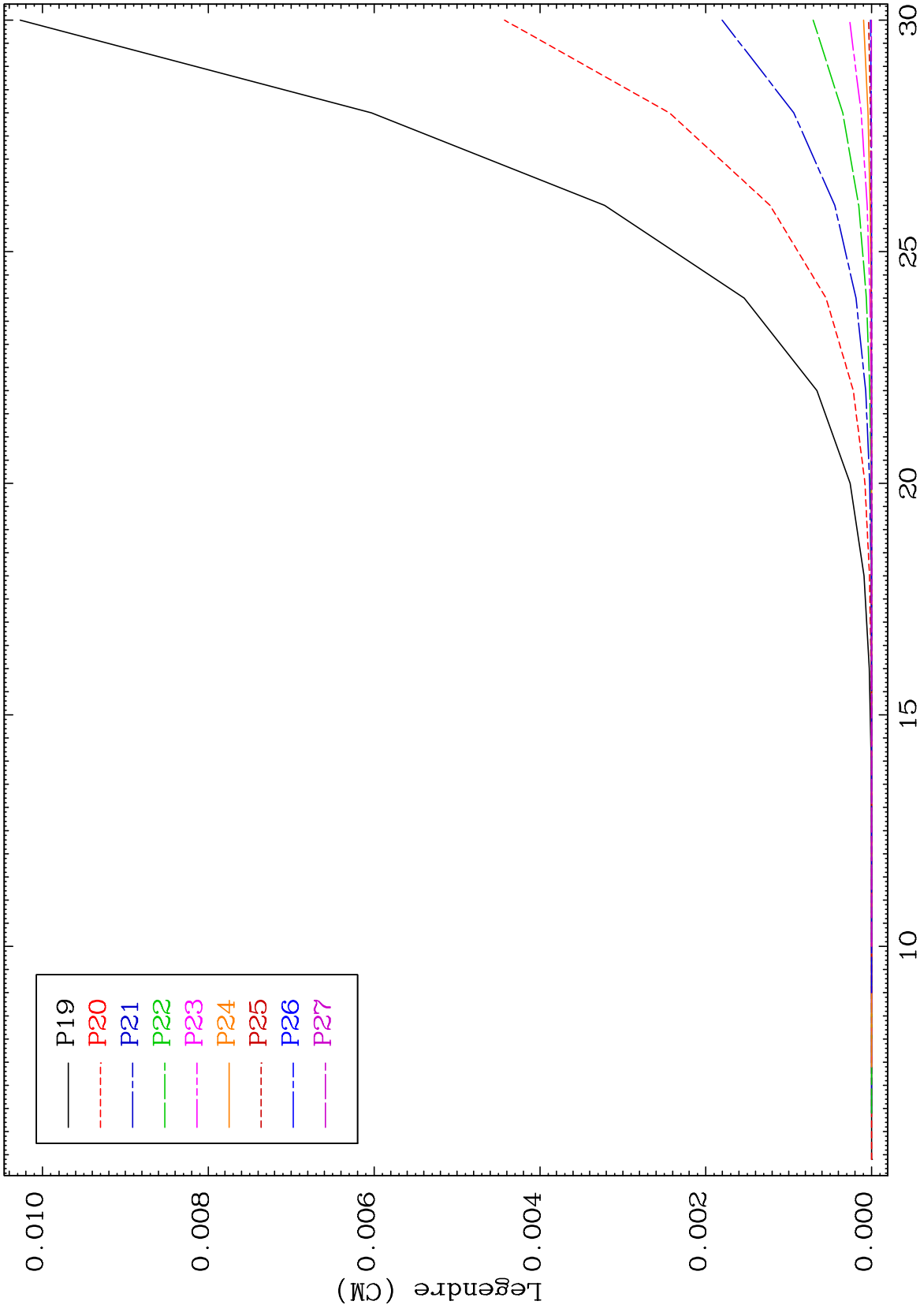
Incident Energy (MeV)

58-Ce-134

MAT 5819

Elastic Legendre Coefficients

58-Ce-134



18

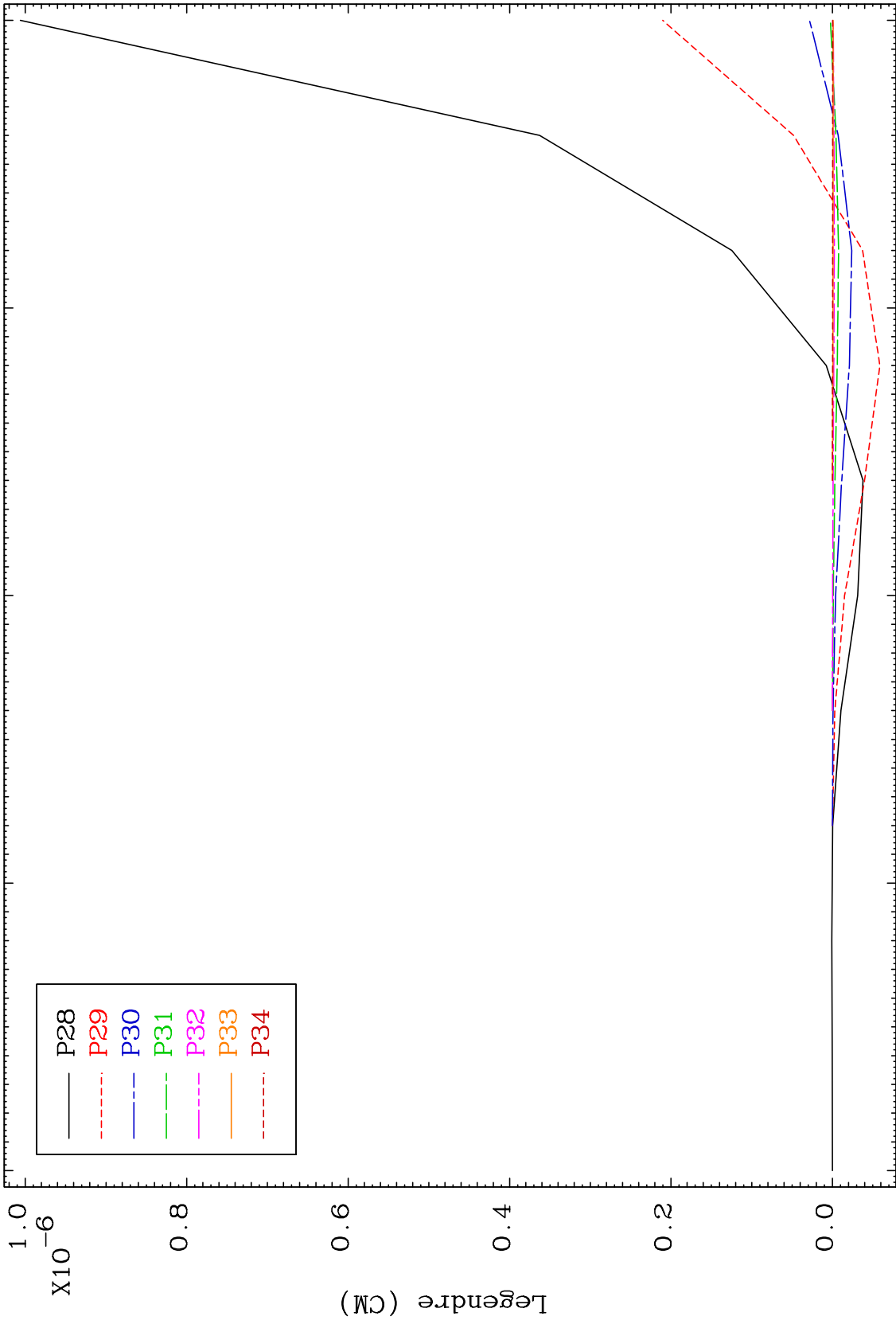
Incident Energy (MeV)

58-Ce-134

MAT 5819

Elastic
Legendre Coefficients

58-Ce-134



19

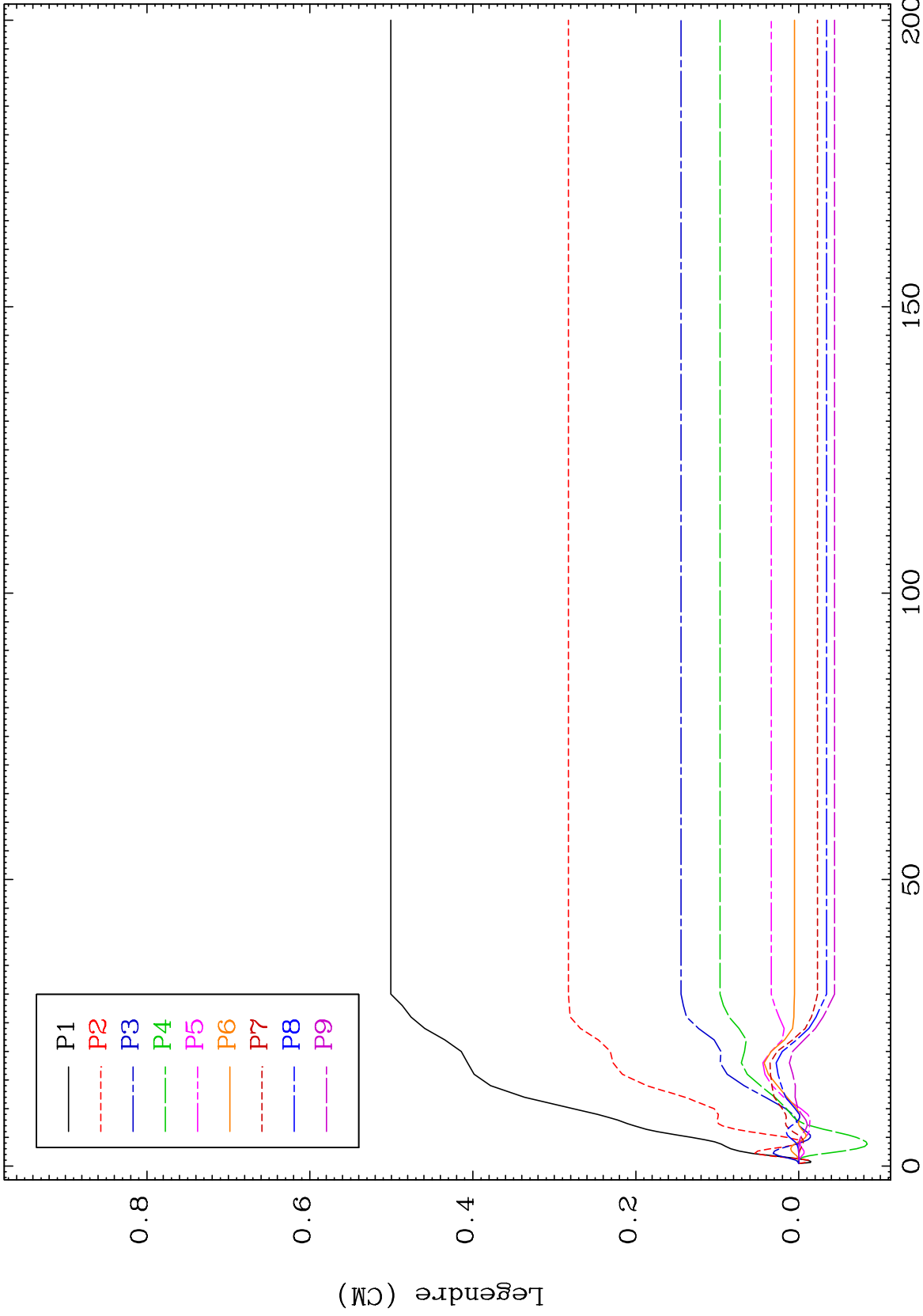
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



20

Incident Energy (MeV)

50

58-Ce-134

100

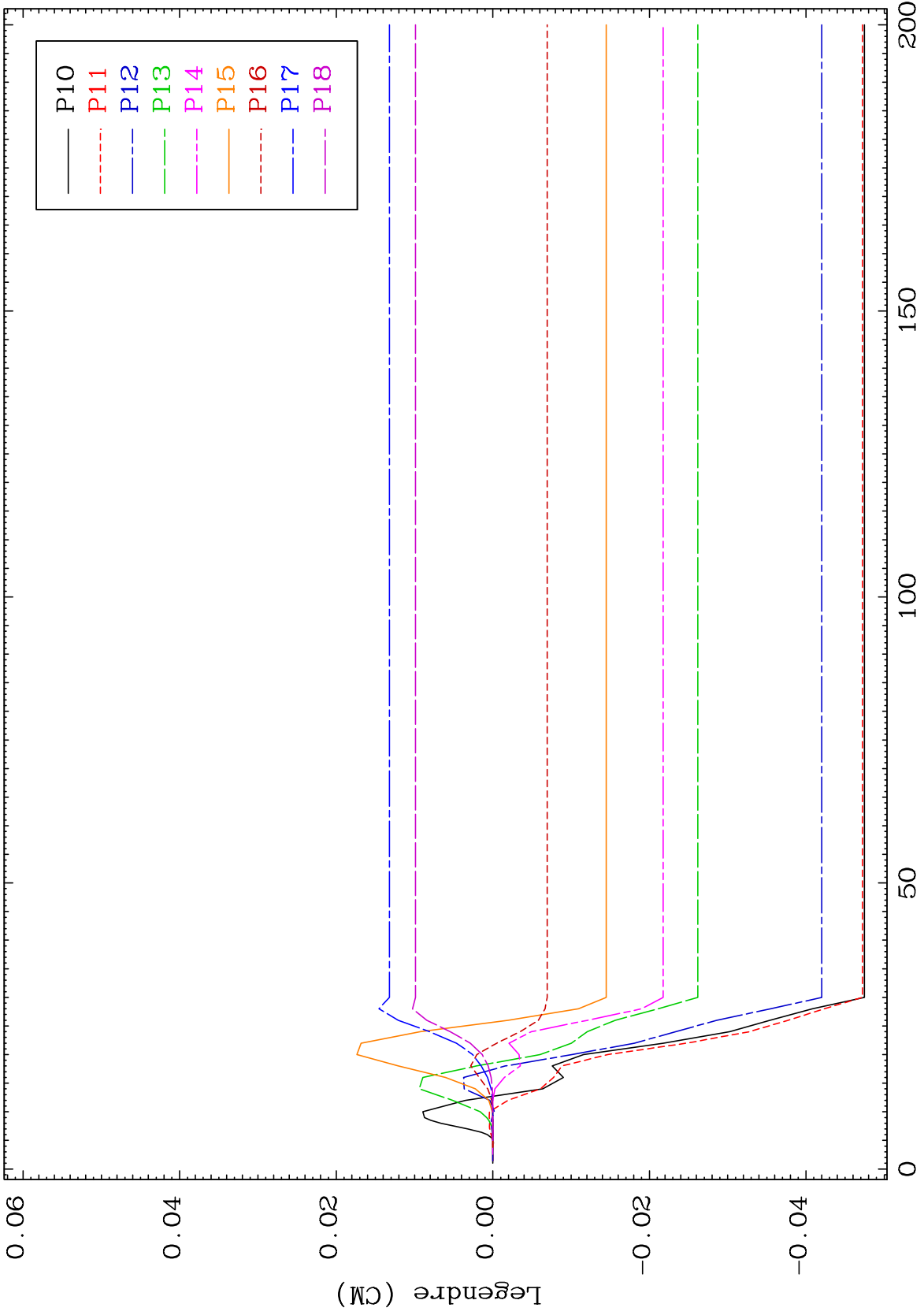
150

200

MAT 5819

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

58-Ce-134



21

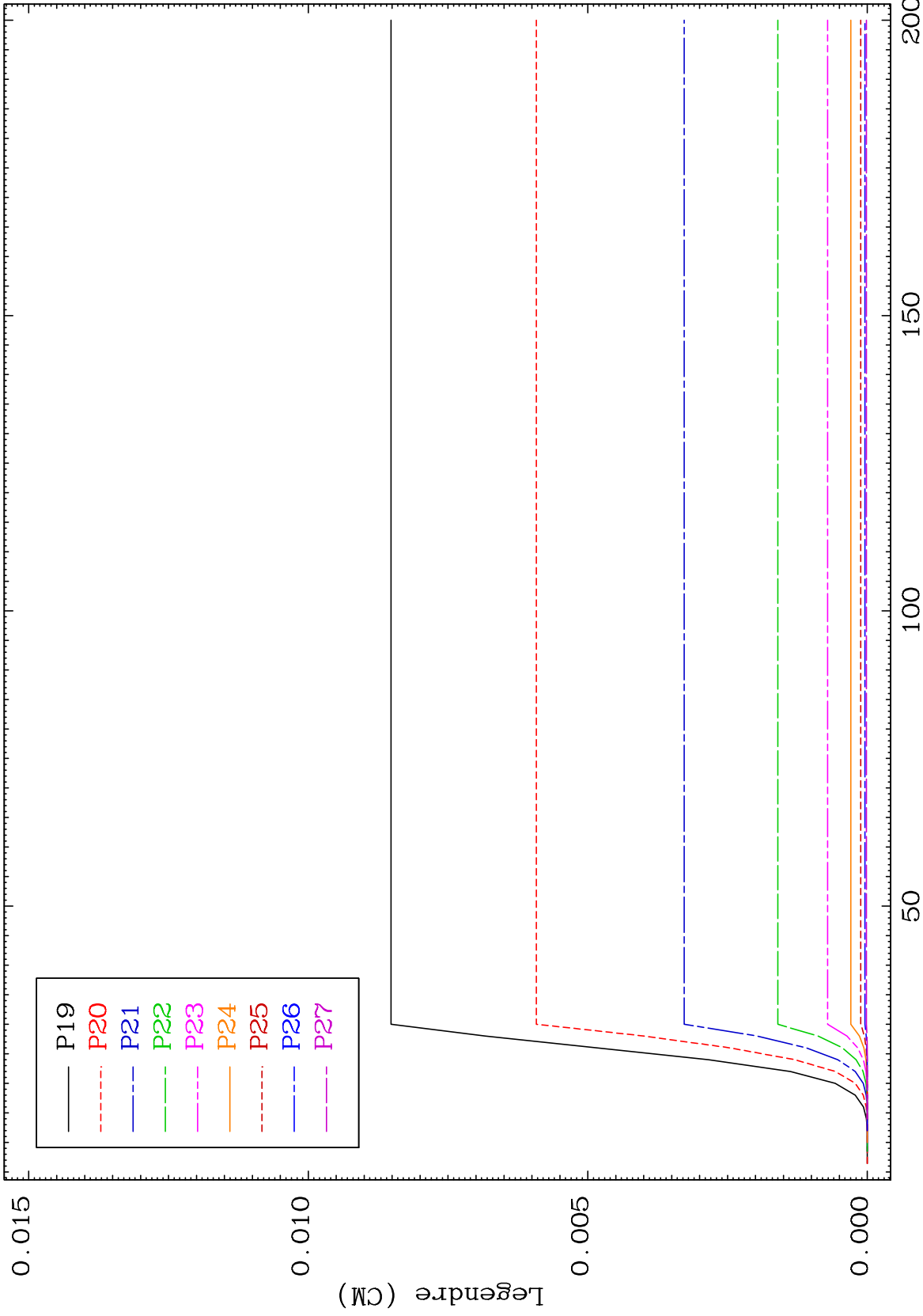
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



22

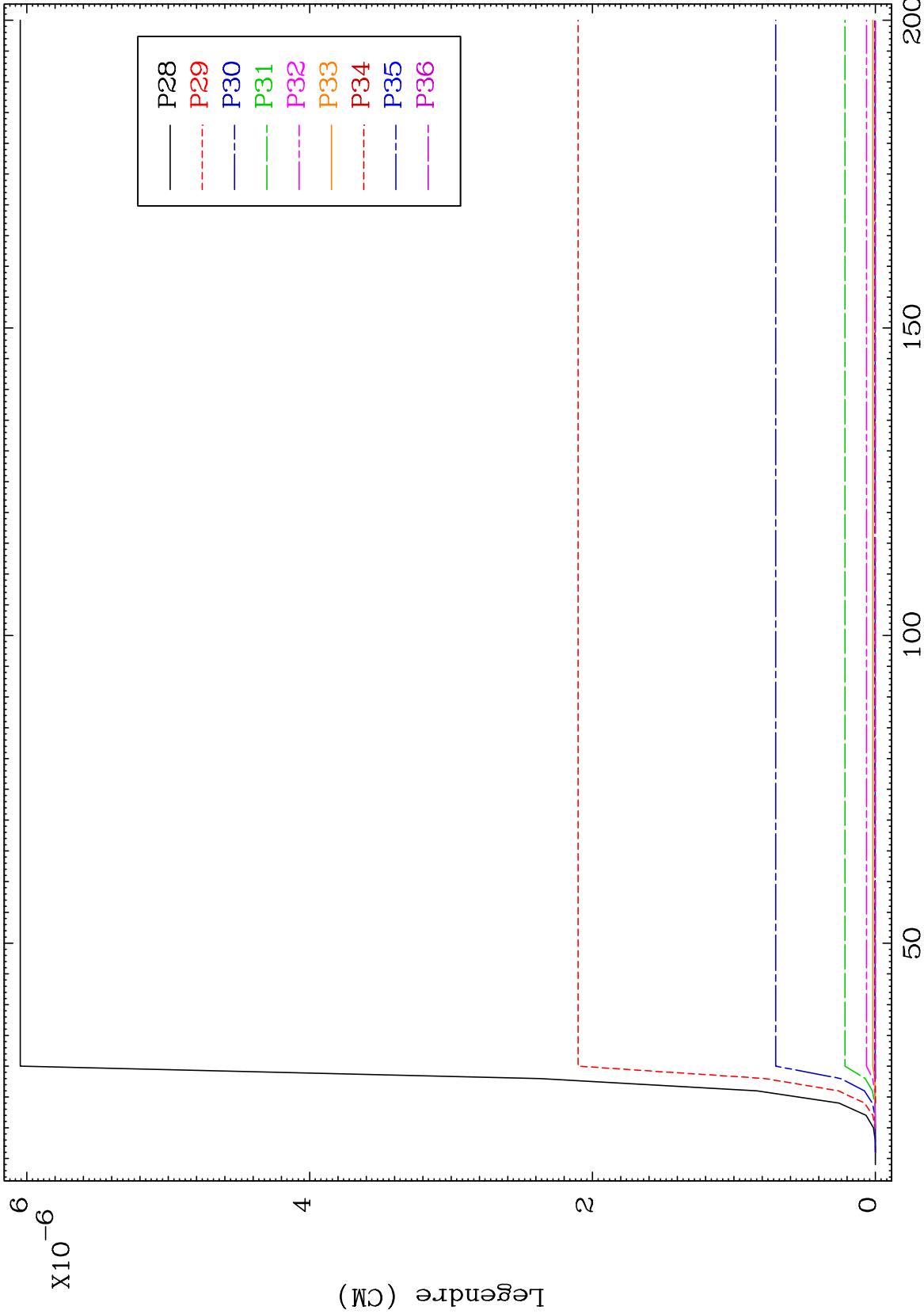
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



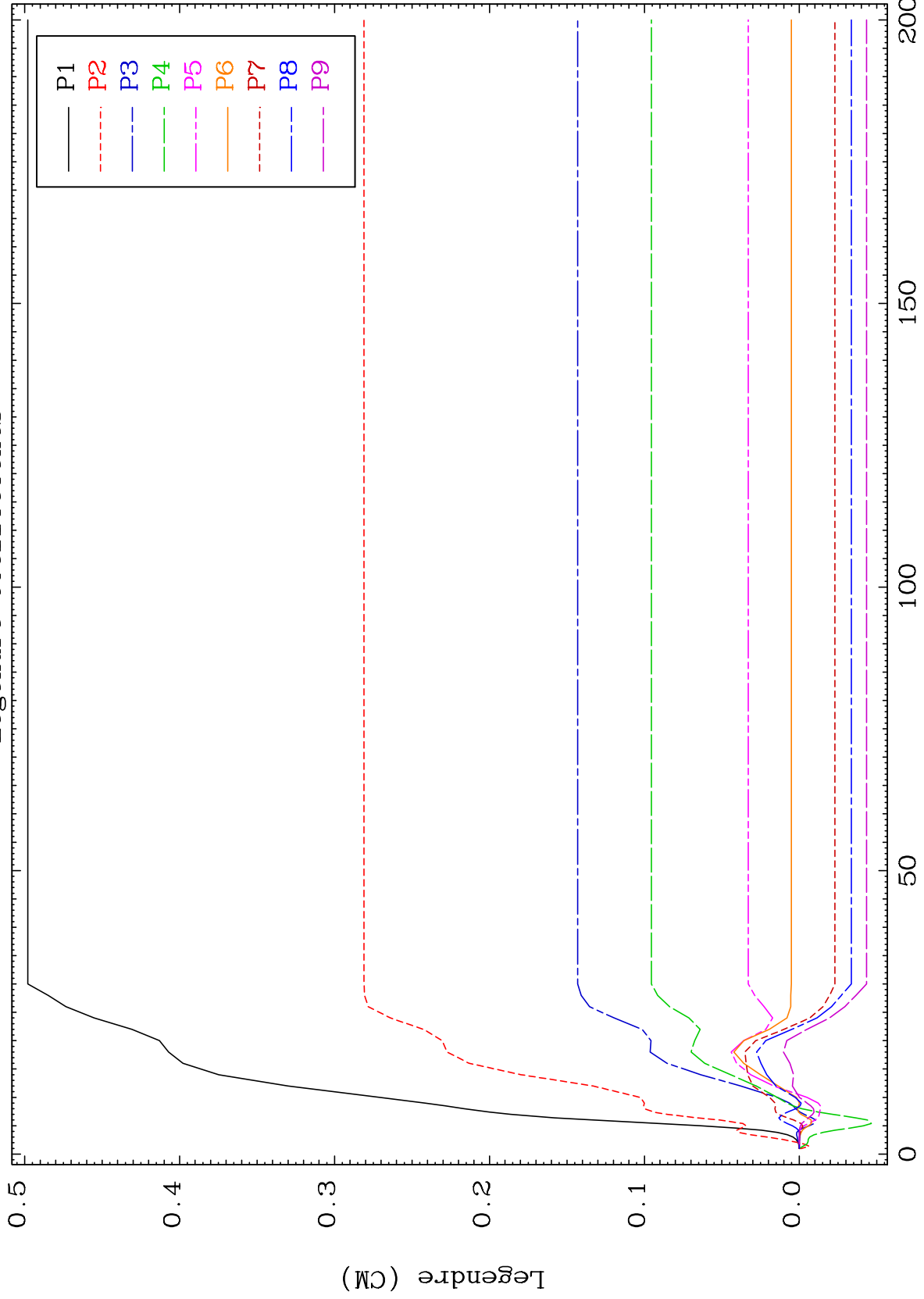
23

58-Ce-134

MAT 5819

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

58-Ce-134



24

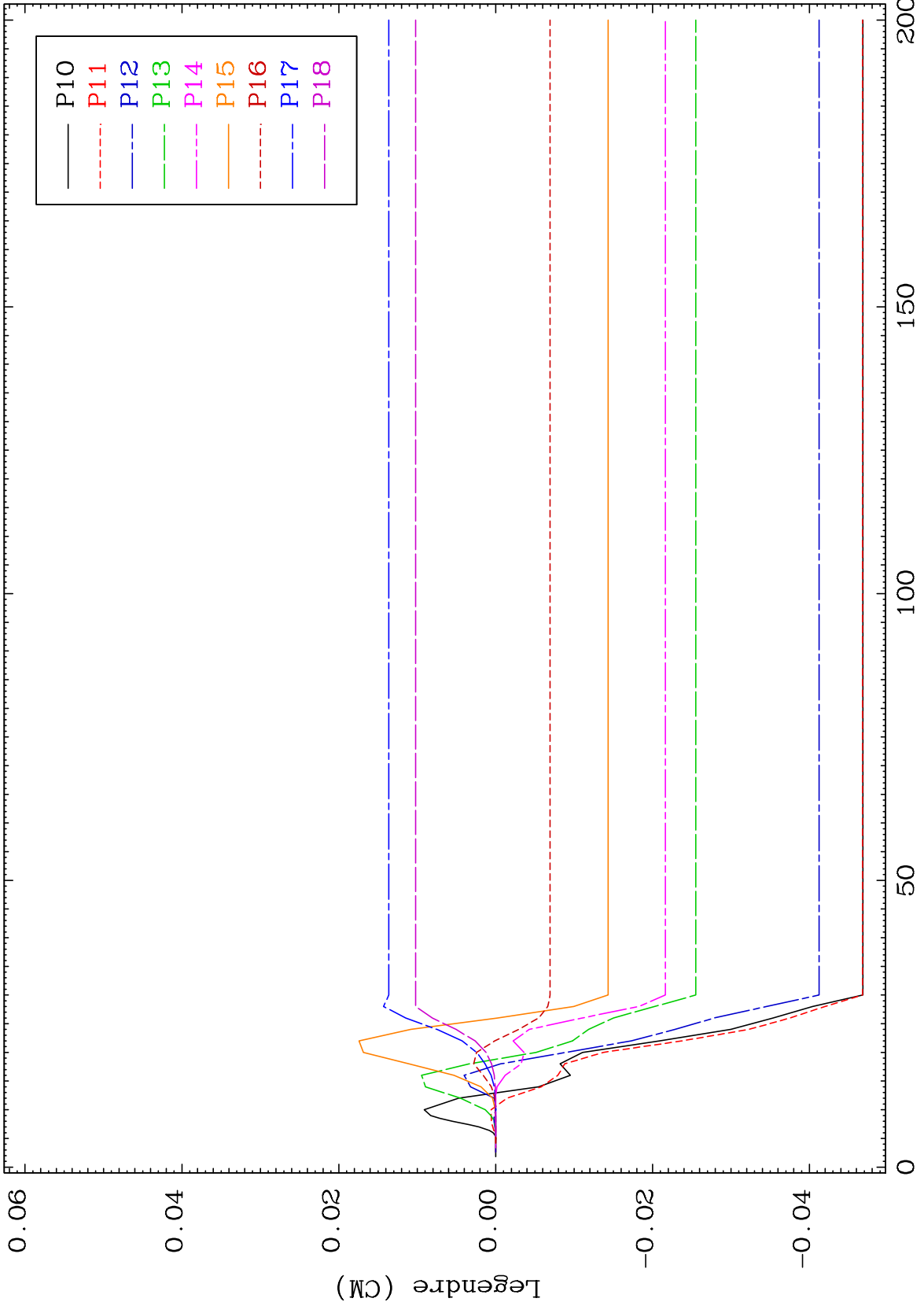
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



25

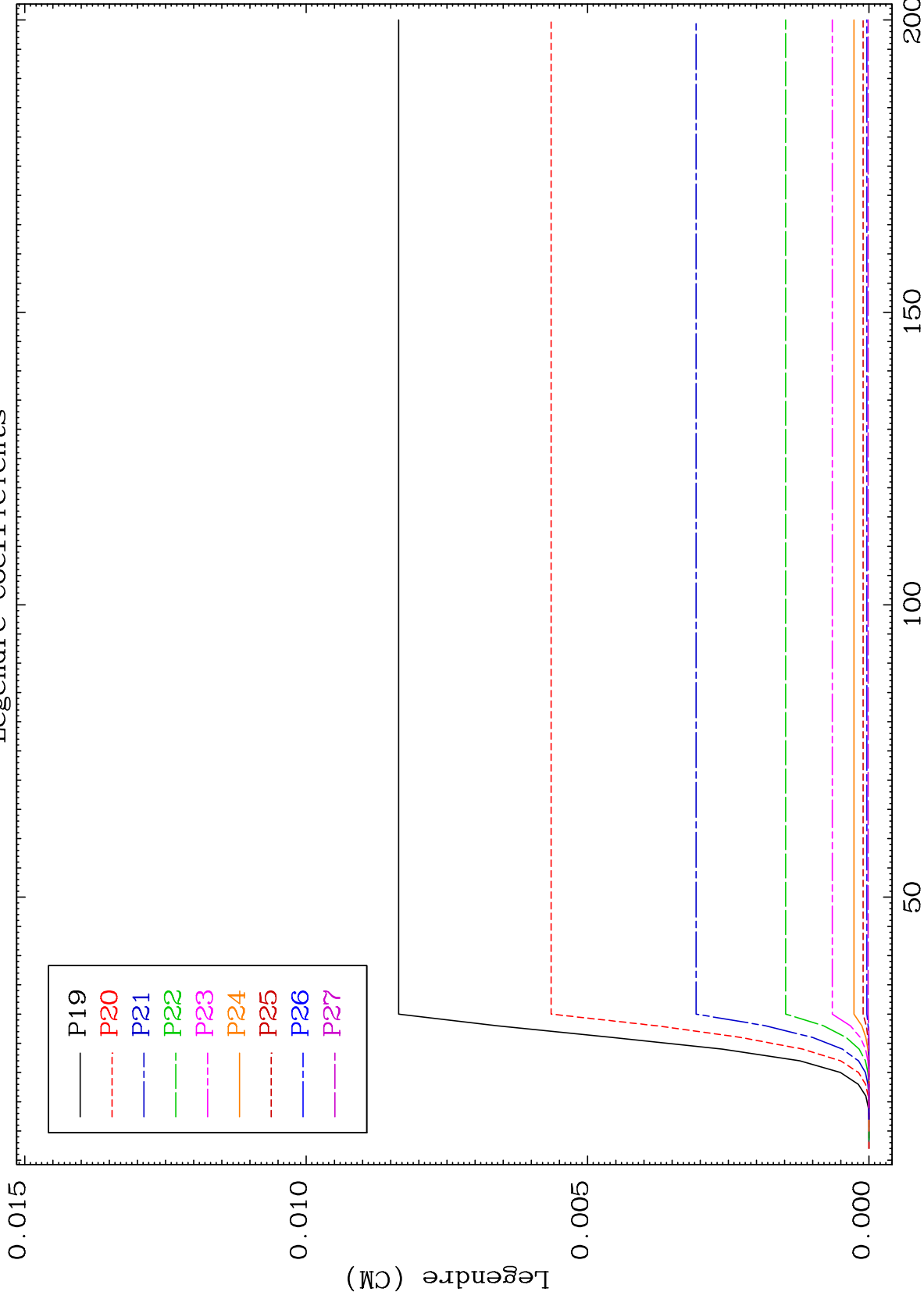
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



26

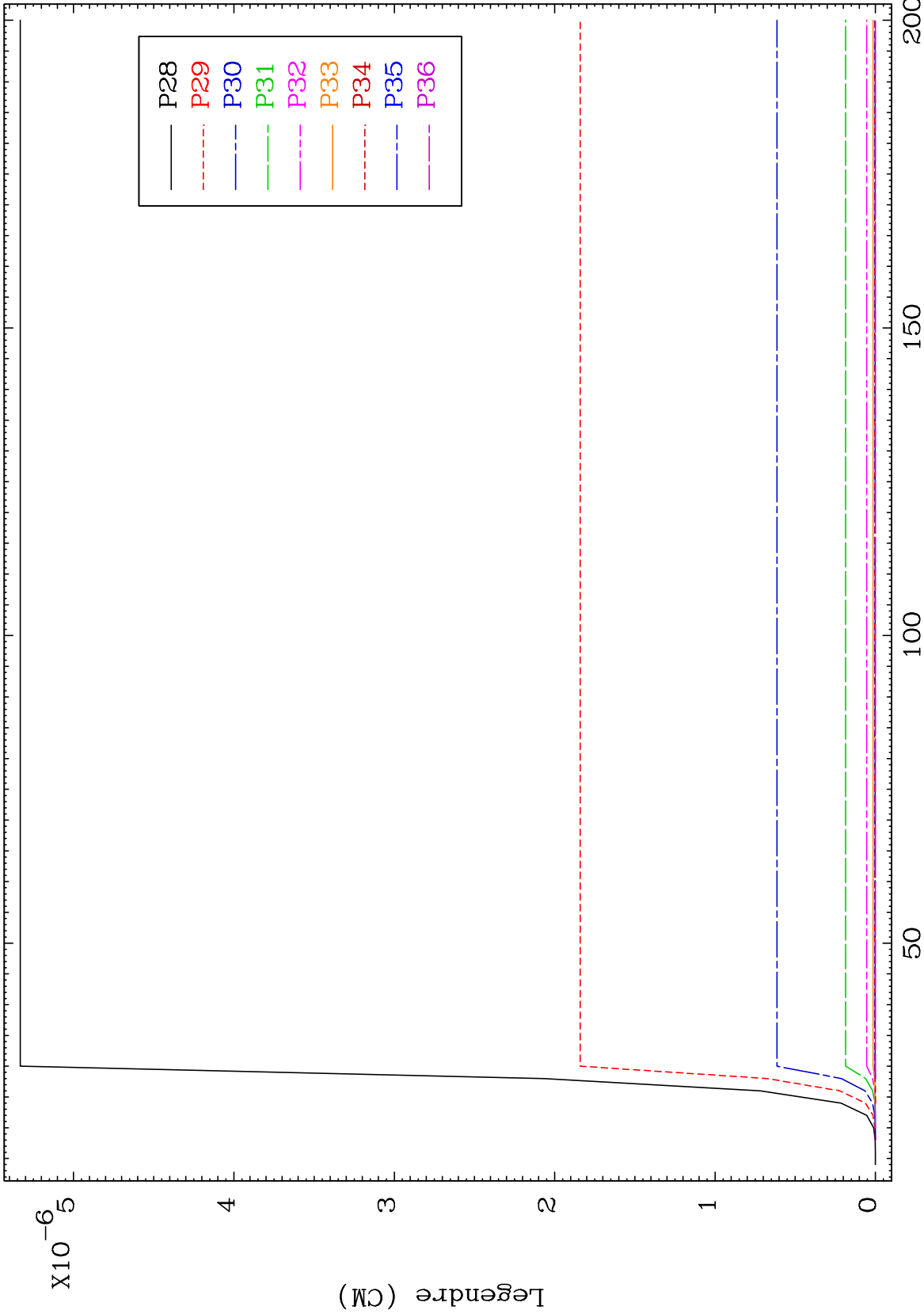
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



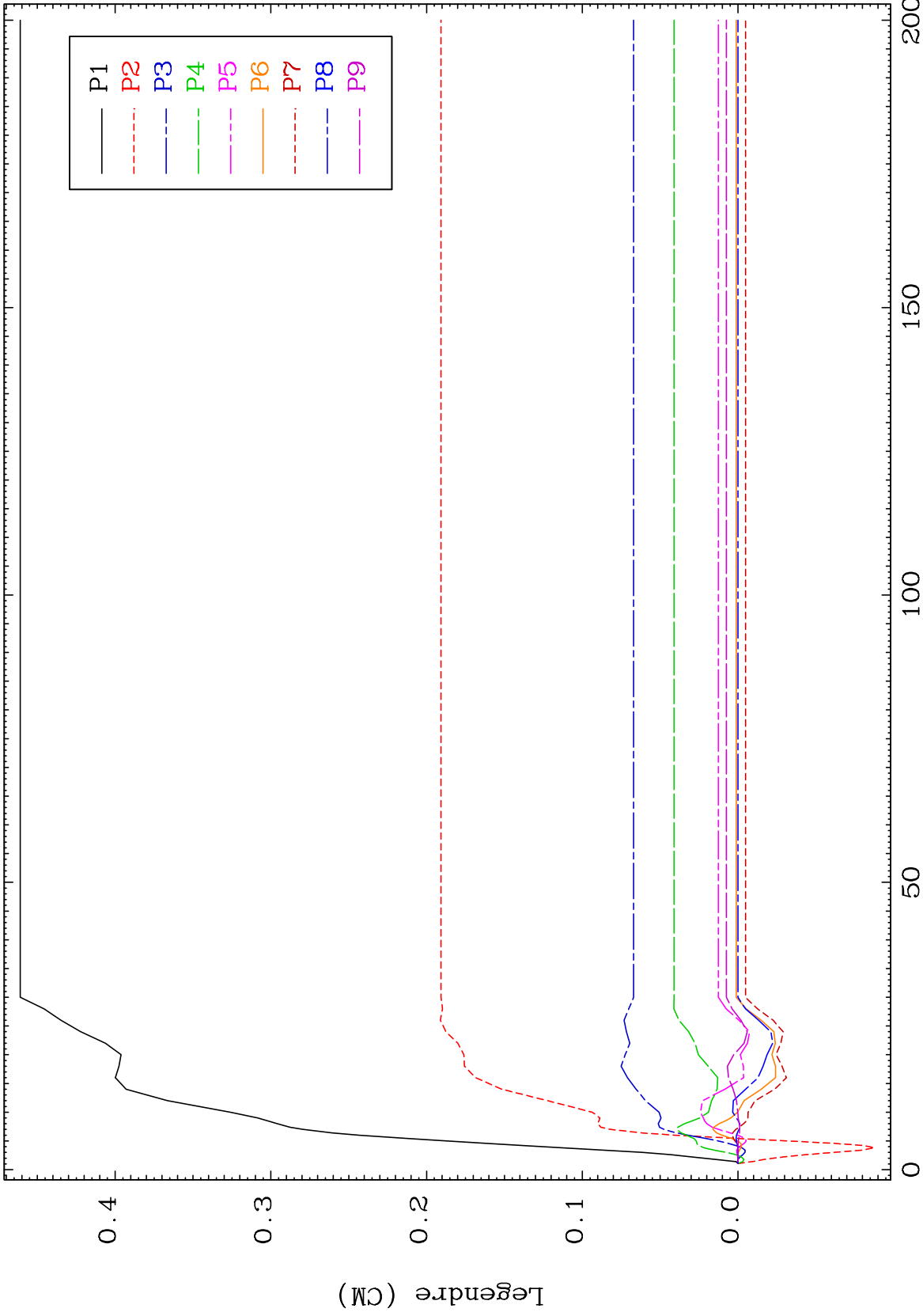
27

58-Ce-134

MAT 5819

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

58-Ce-134



28

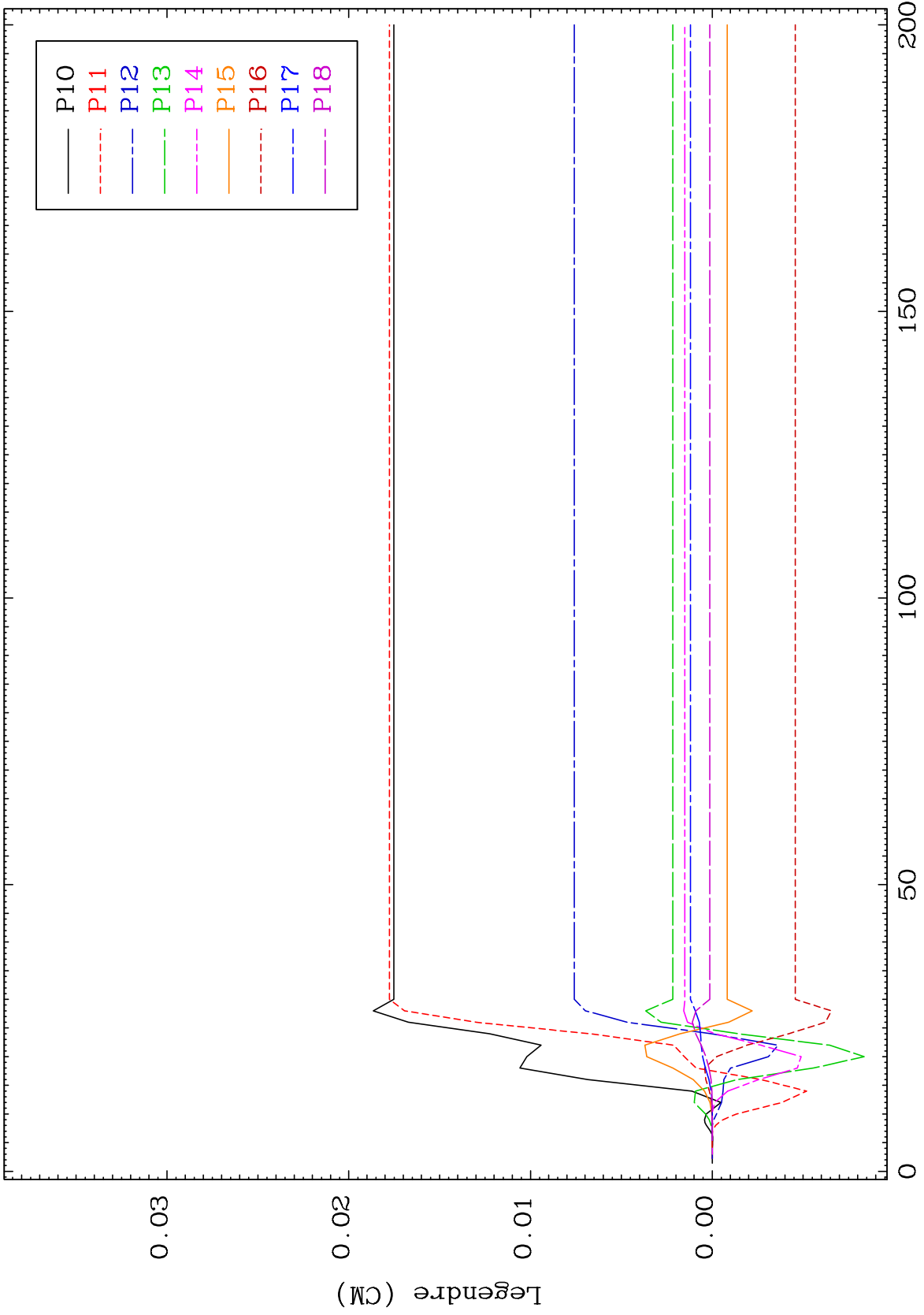
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



29

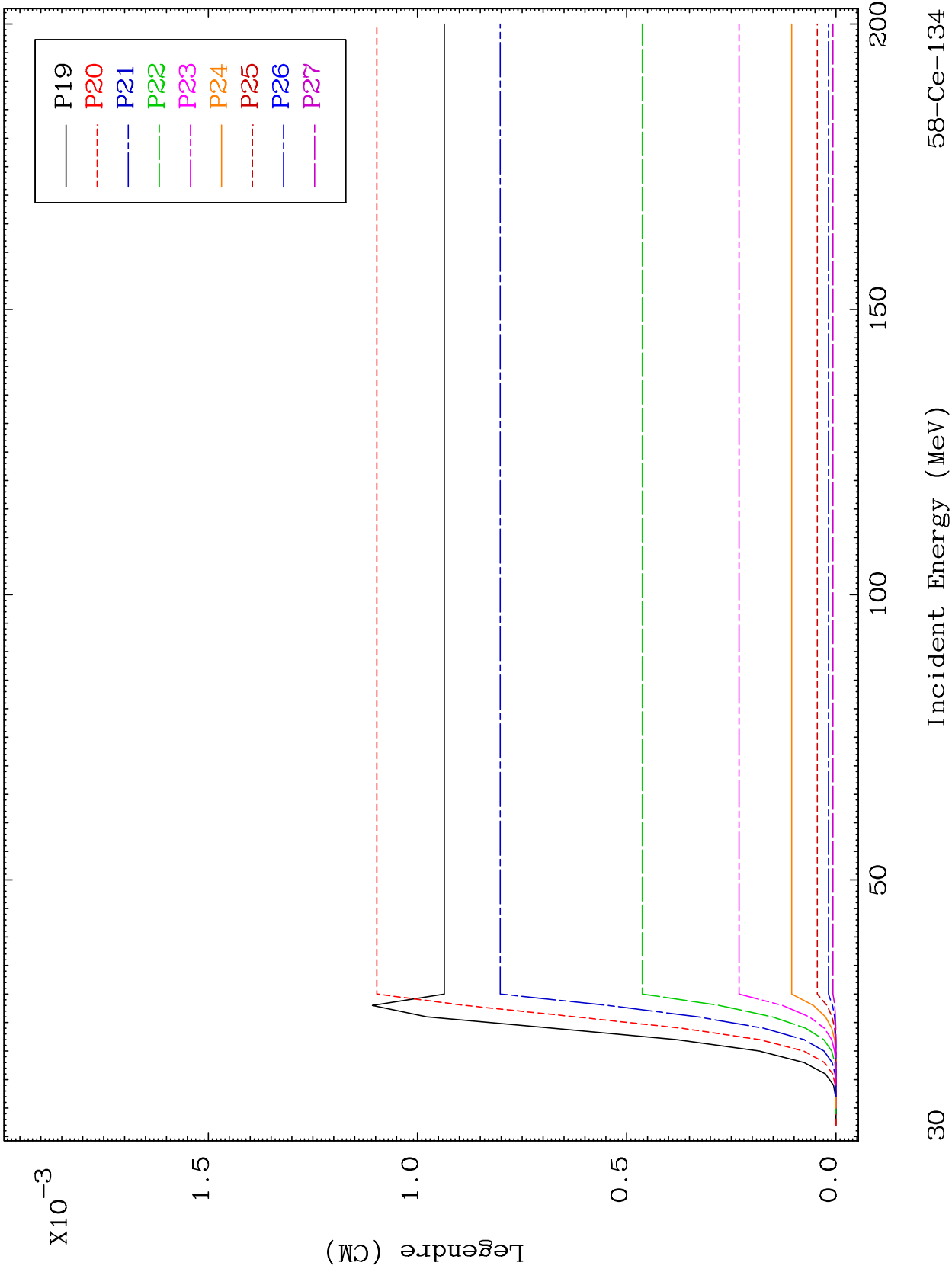
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



30

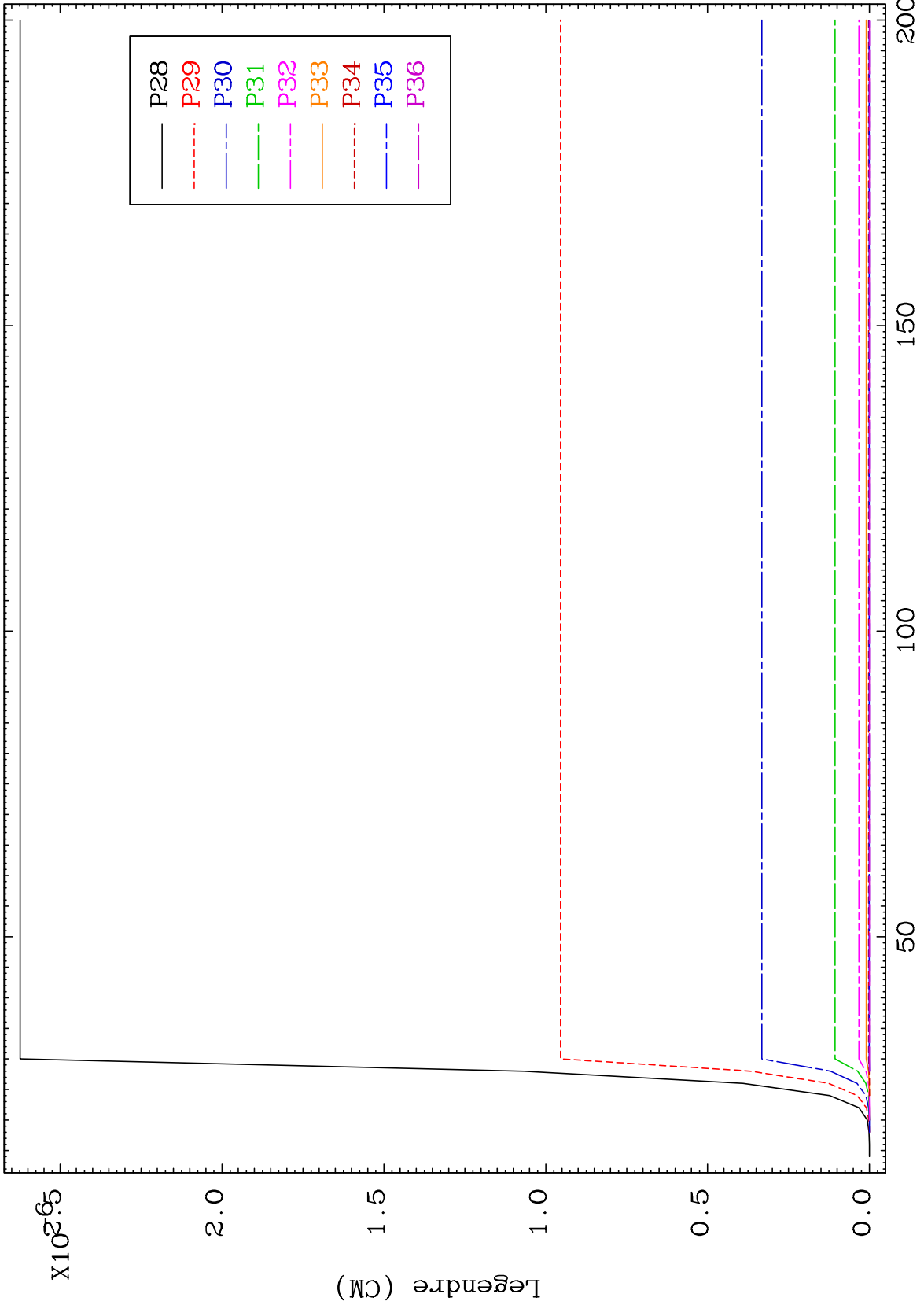
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134

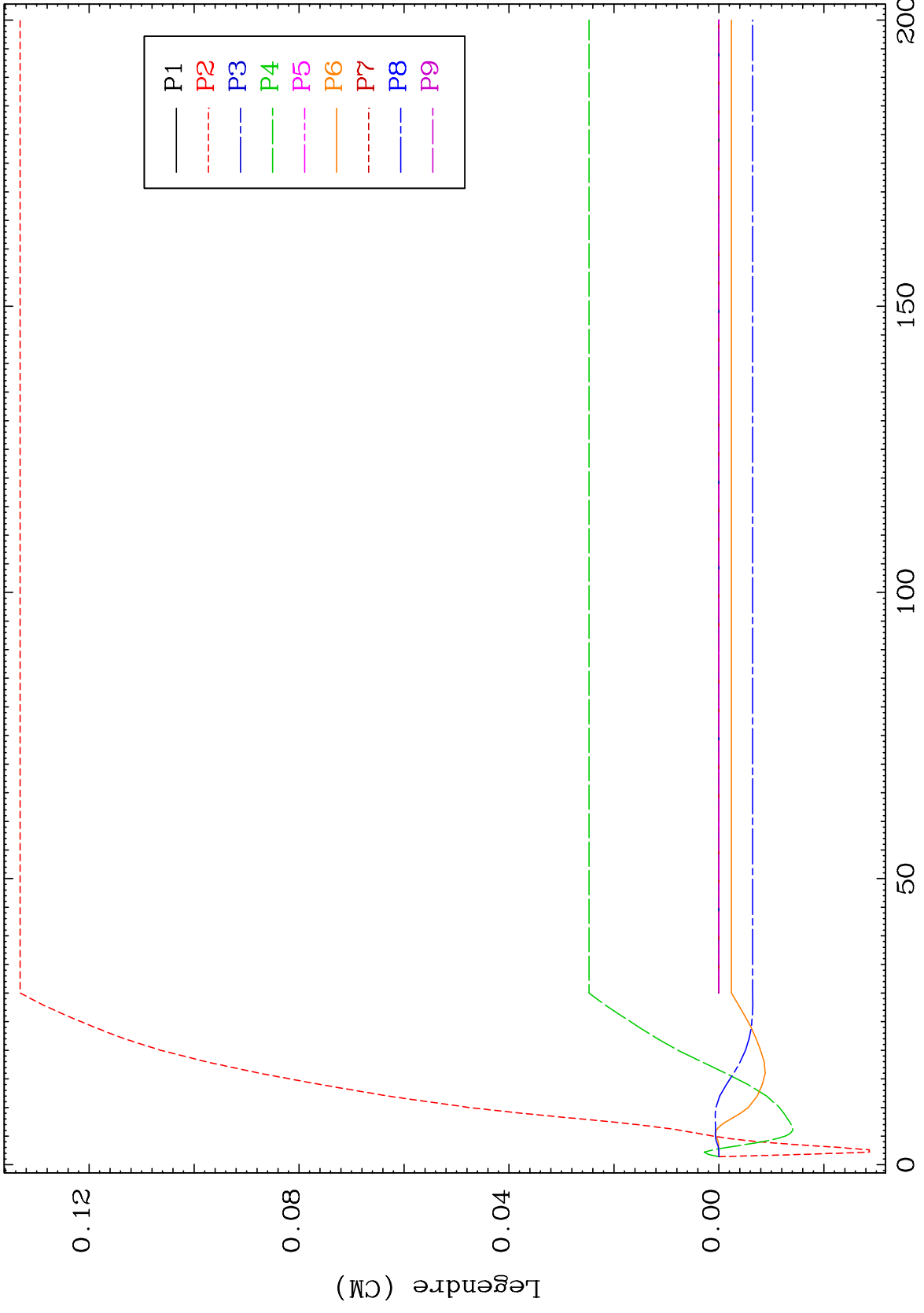


31

Incident Energy (MeV)

58-Ce-134

MAT 5819 MT= 54 (n,n') Level Legendre Coefficients 58-Ce-134

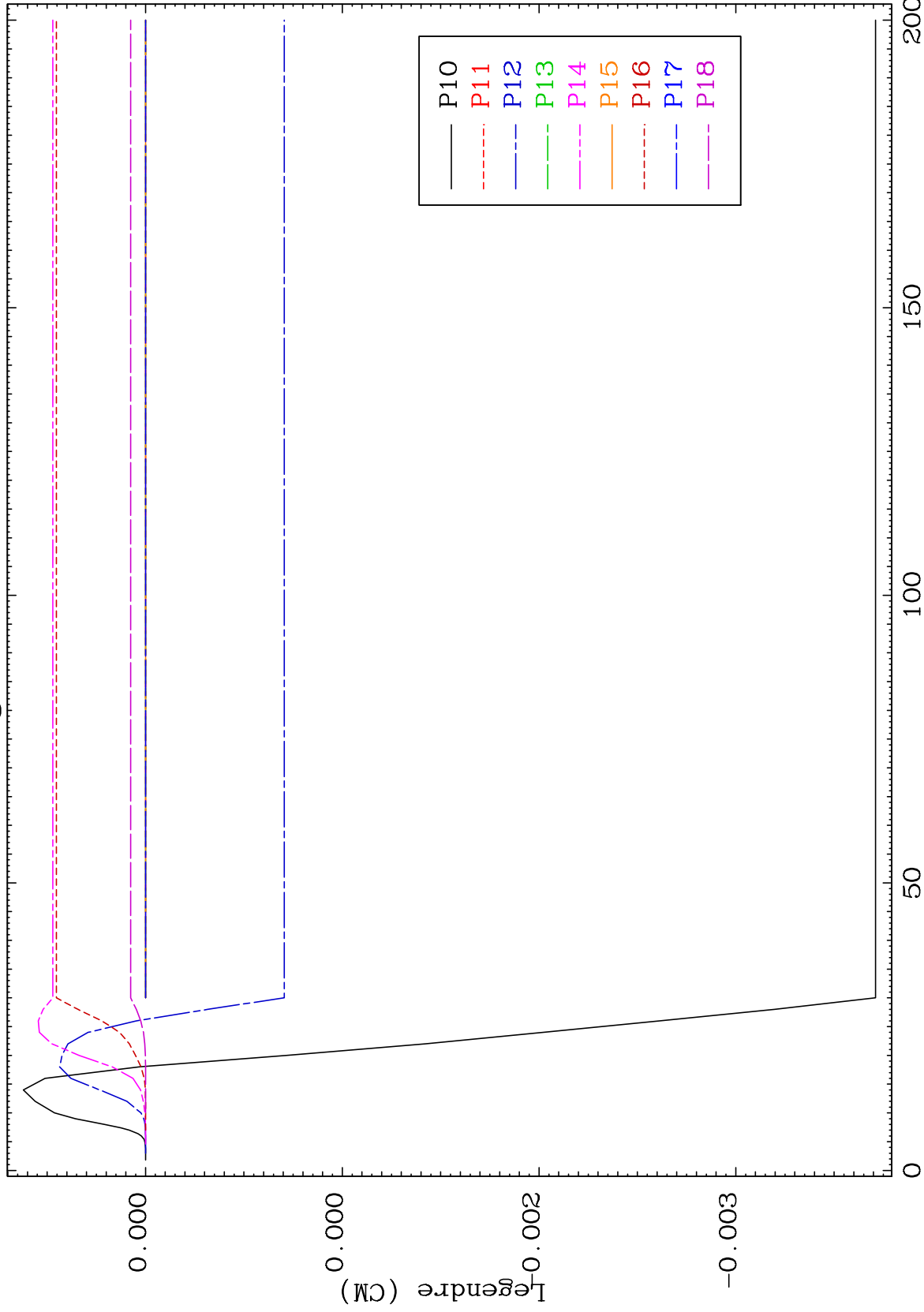


32 58-Ce-134

MAT 5819

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

58-Ce-134



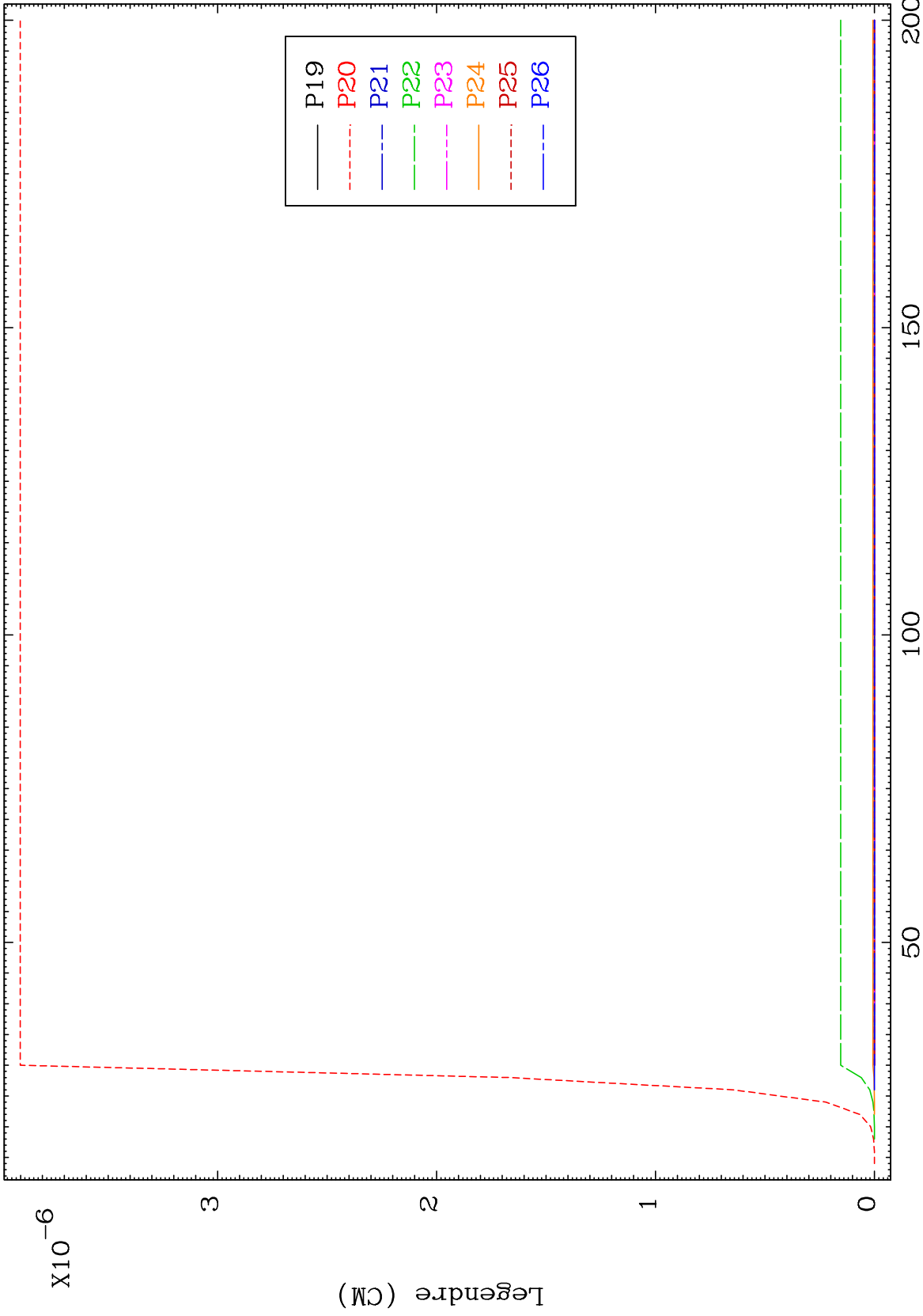
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58-Ce-134

MAT 5819

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

58-Ce-134

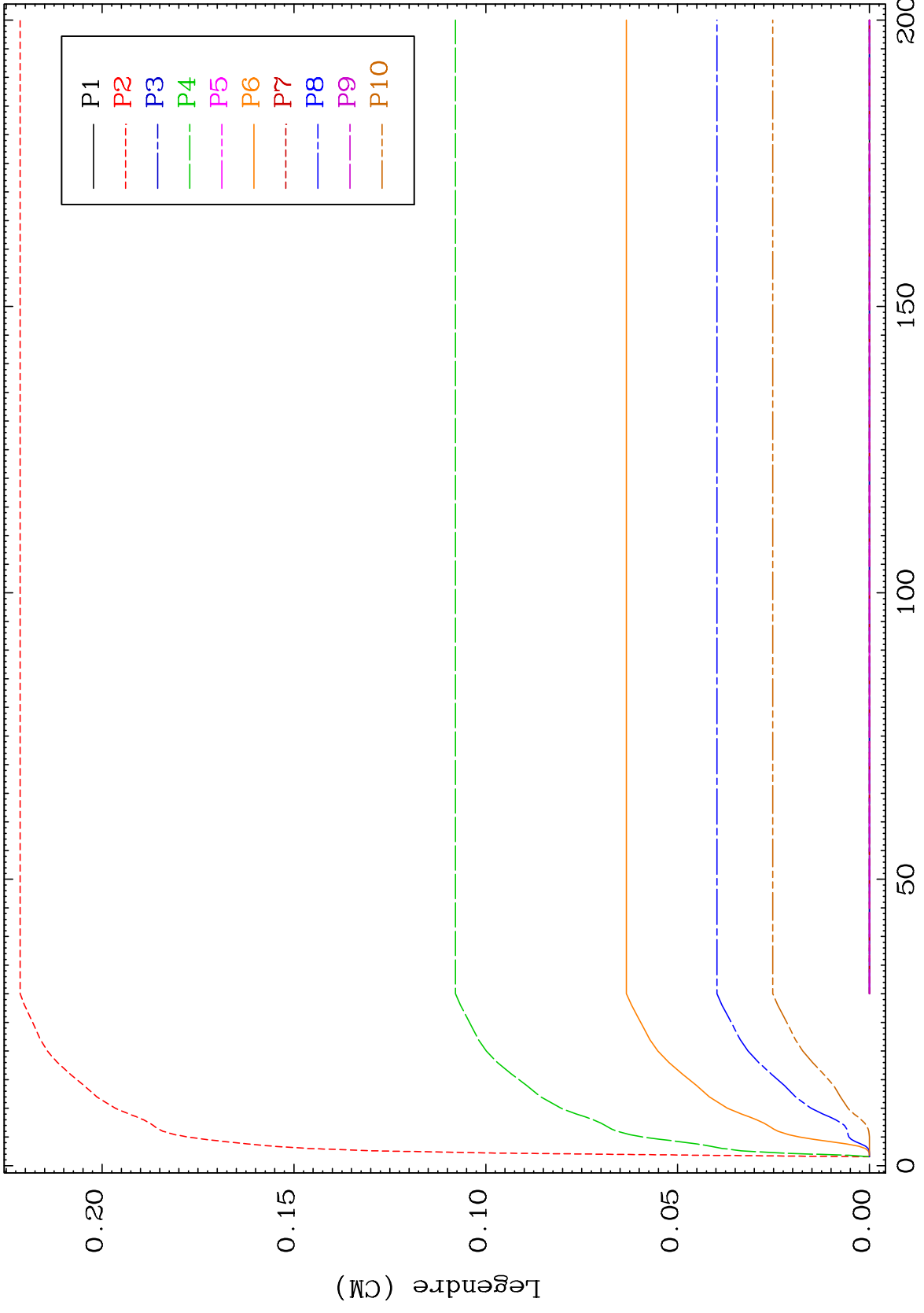


34

Incident Energy (MeV)

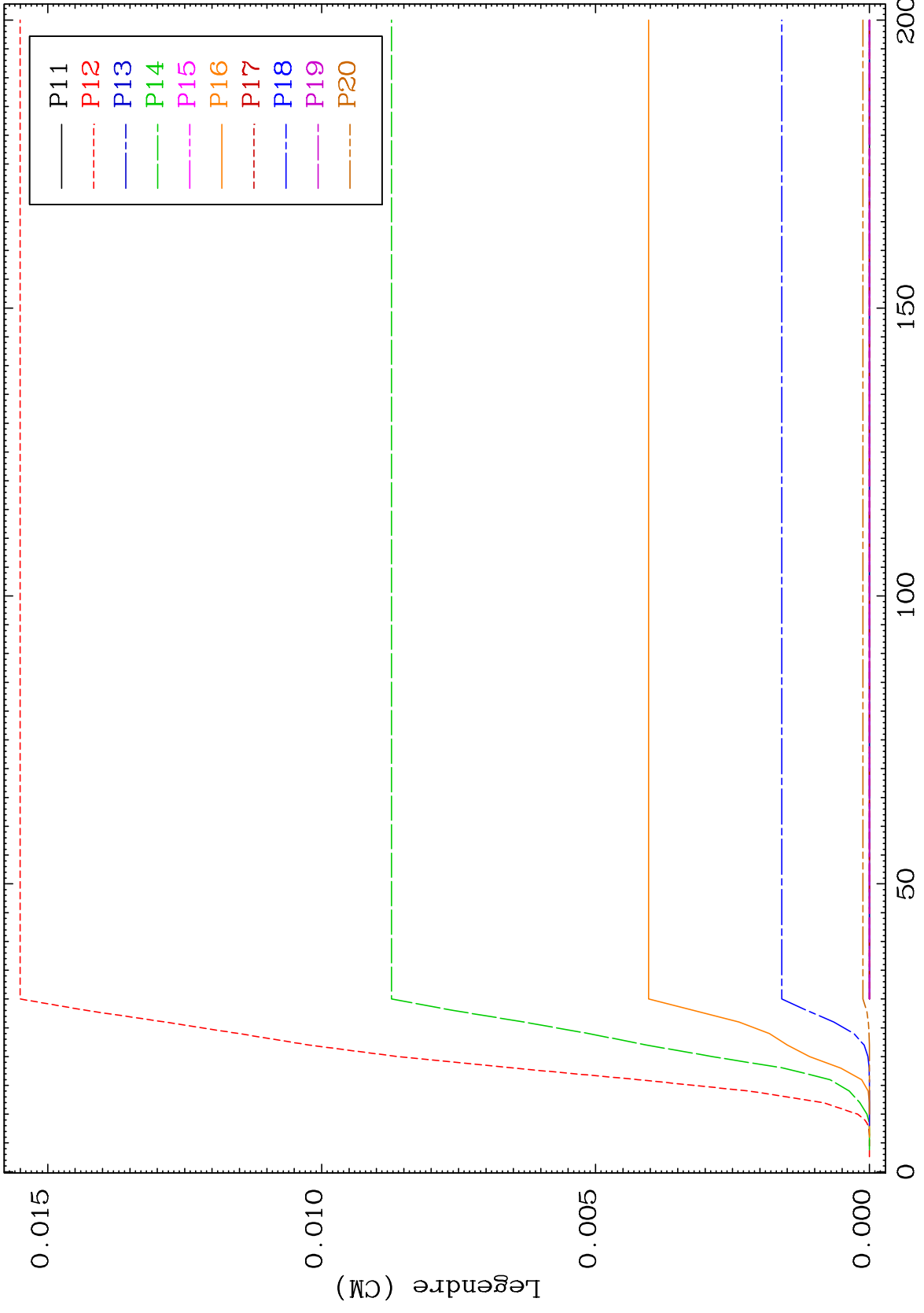
58-Ce-134

MAT 5819 MT= 55 (n,n') Level Legendre Coefficients 58-Ce-134



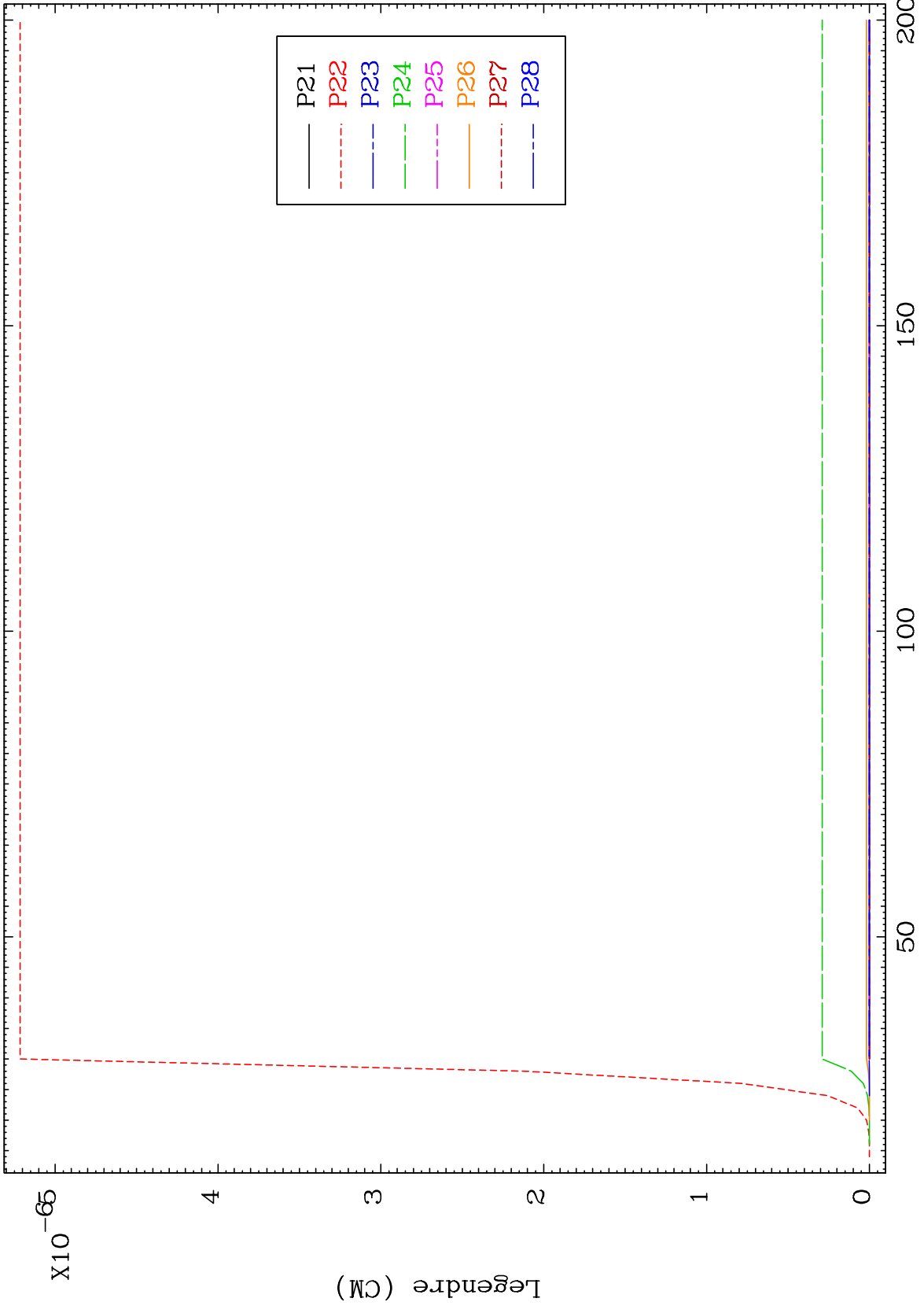
35 Incident Energy (MeV) 58-Ce-134

MAT 5819 MT= 55 (n,n') Level Legendre Coefficients 58-Ce-134



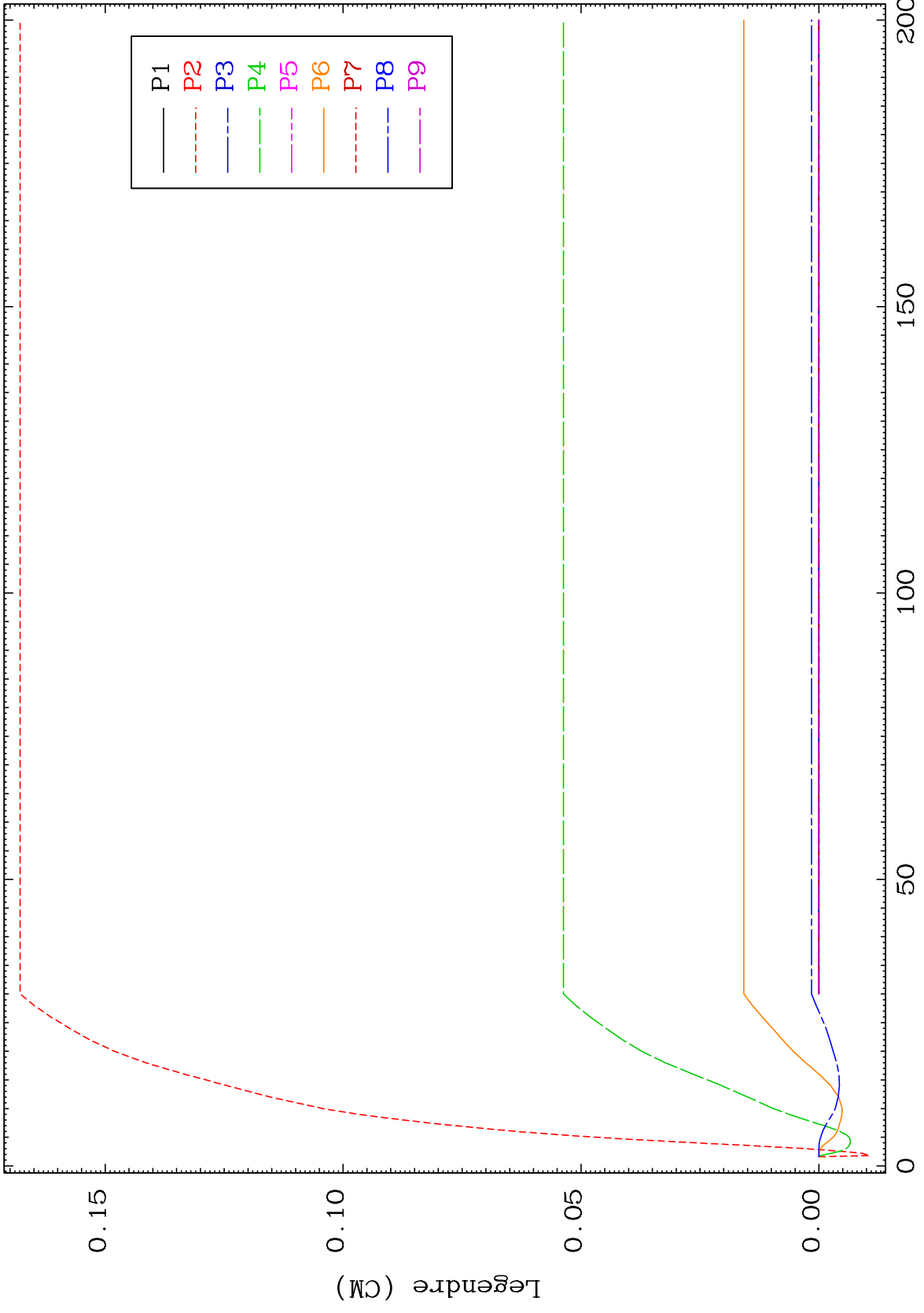
36 Incident Energy (MeV) 58-Ce-134

MAT 5819 MT= 55 (n,n') Level Legendre Coefficients 58-Ce-134



37 Incident Energy (MeV) 58-Ce-134

MAT 5819 MT= 56 (n,n') Level Legendre Coefficients 58-Ce-134

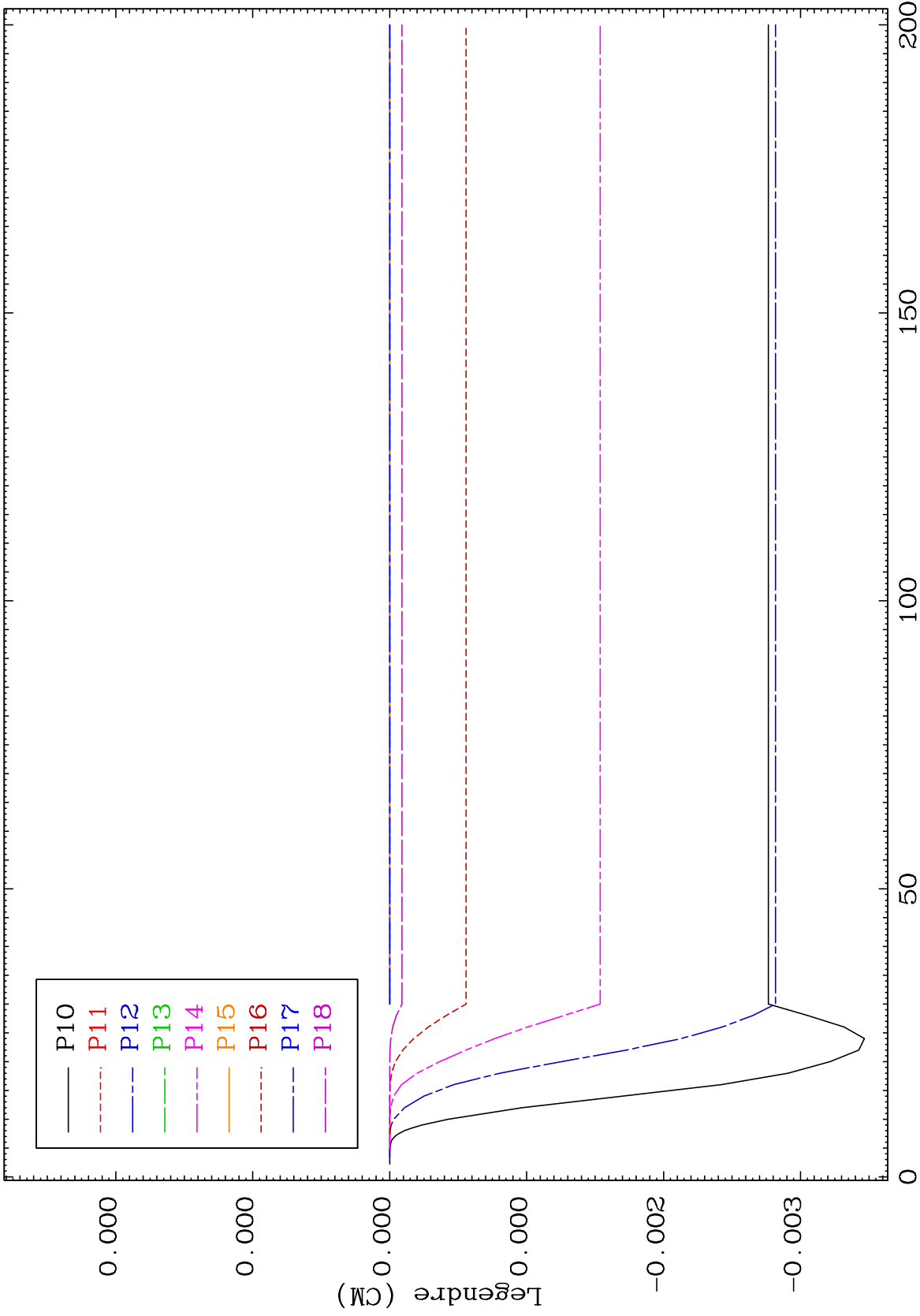


38 Incident Energy (MeV) 58-Ce-134

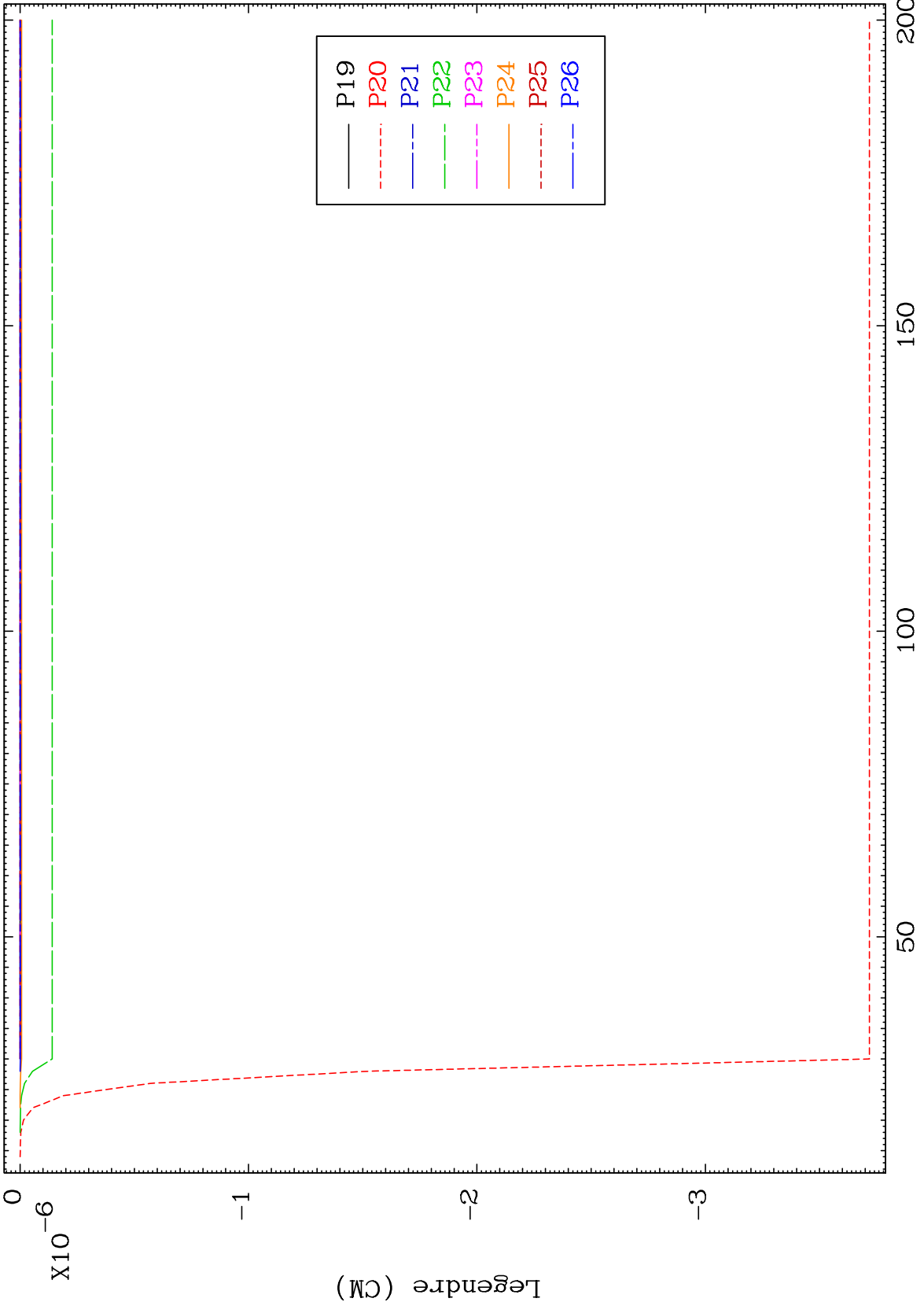
MAT 5819

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

58-Ce-134



MAT 5819 MT= 56 (n,n') Level Legendre Coefficients 58-Ce-134

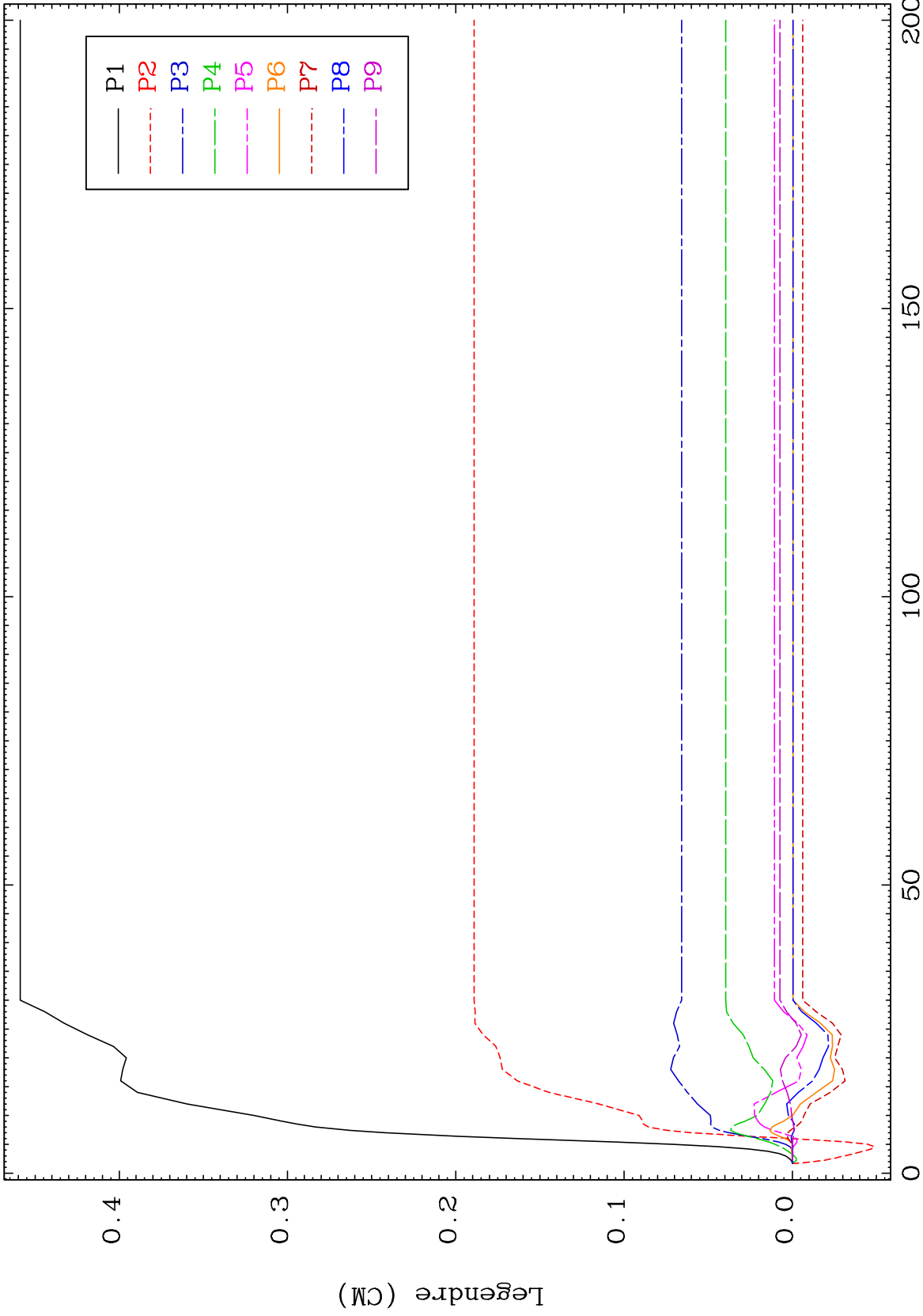


40 50 100 150 200 Incident Energy (MeV) 58-Ce-134

MAT 5819

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

58-Ce-134



41

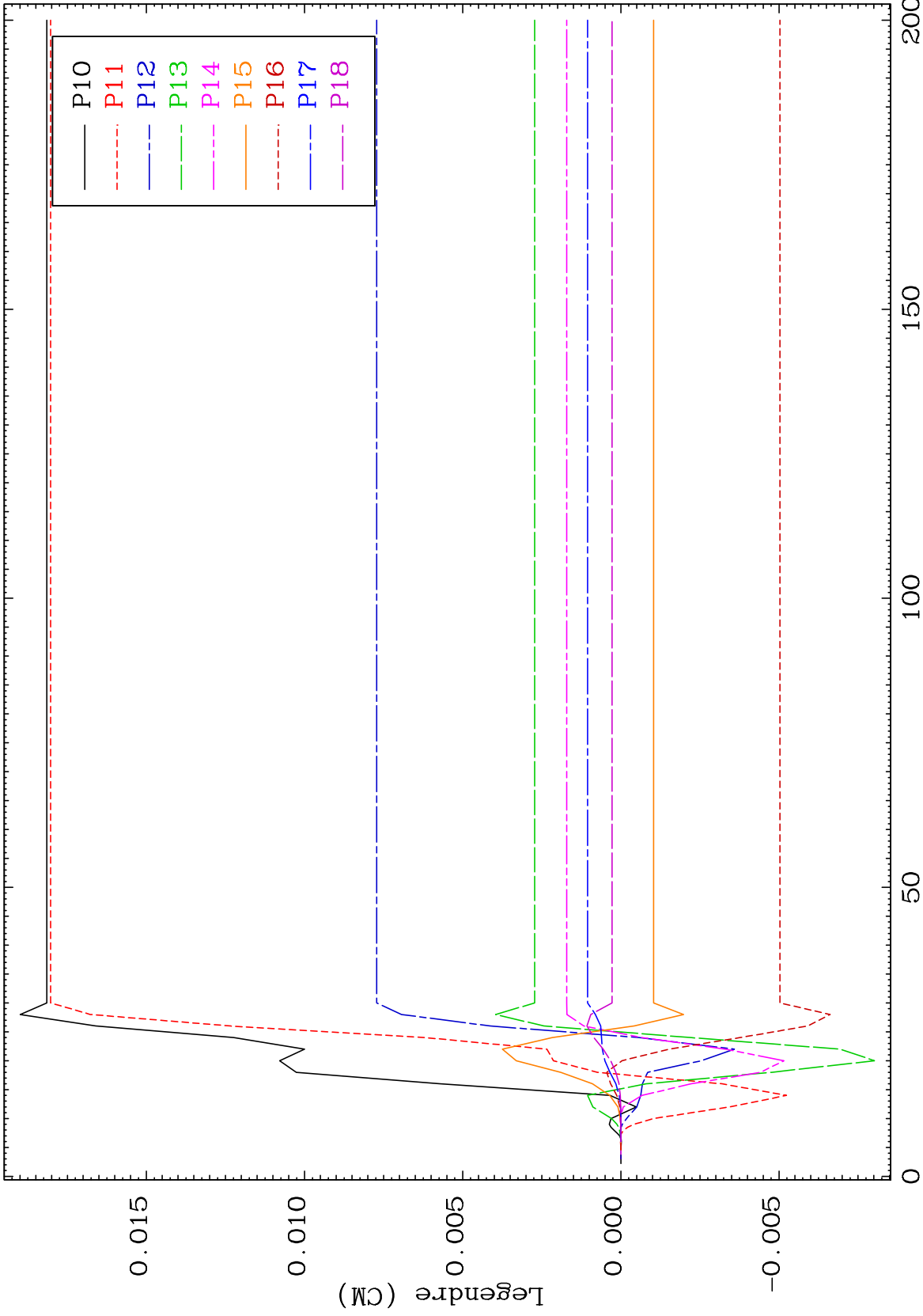
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



42

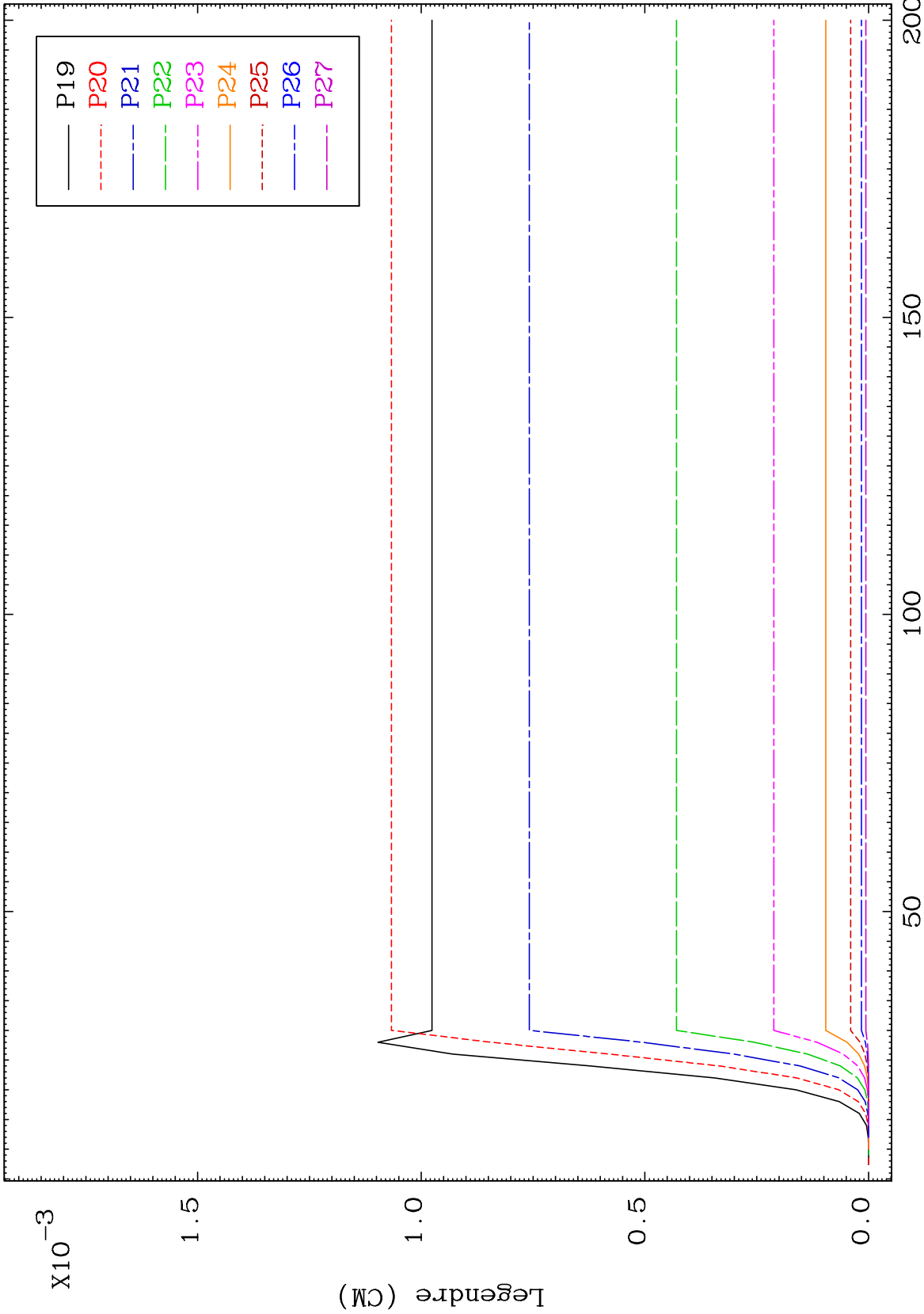
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



43

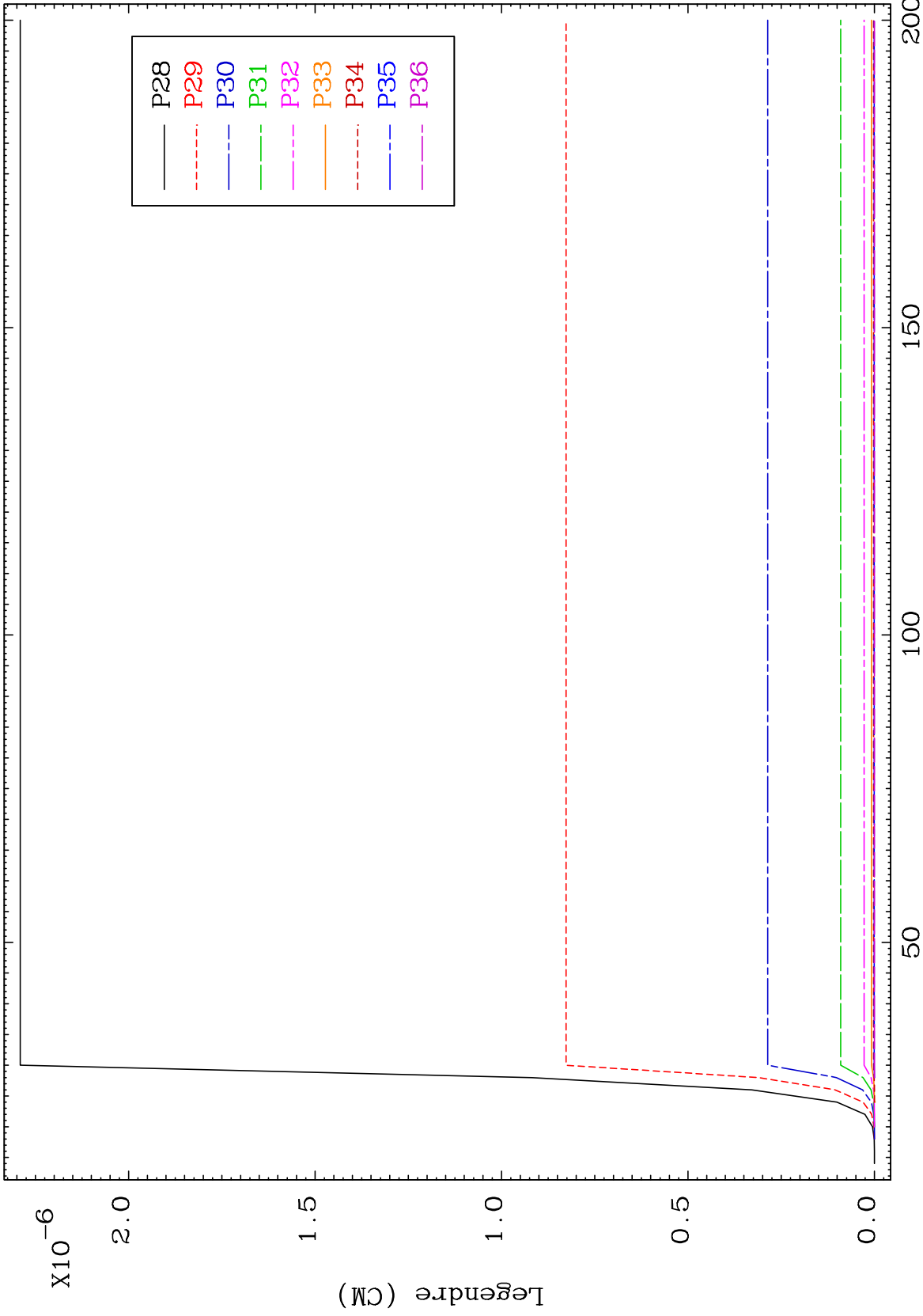
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134

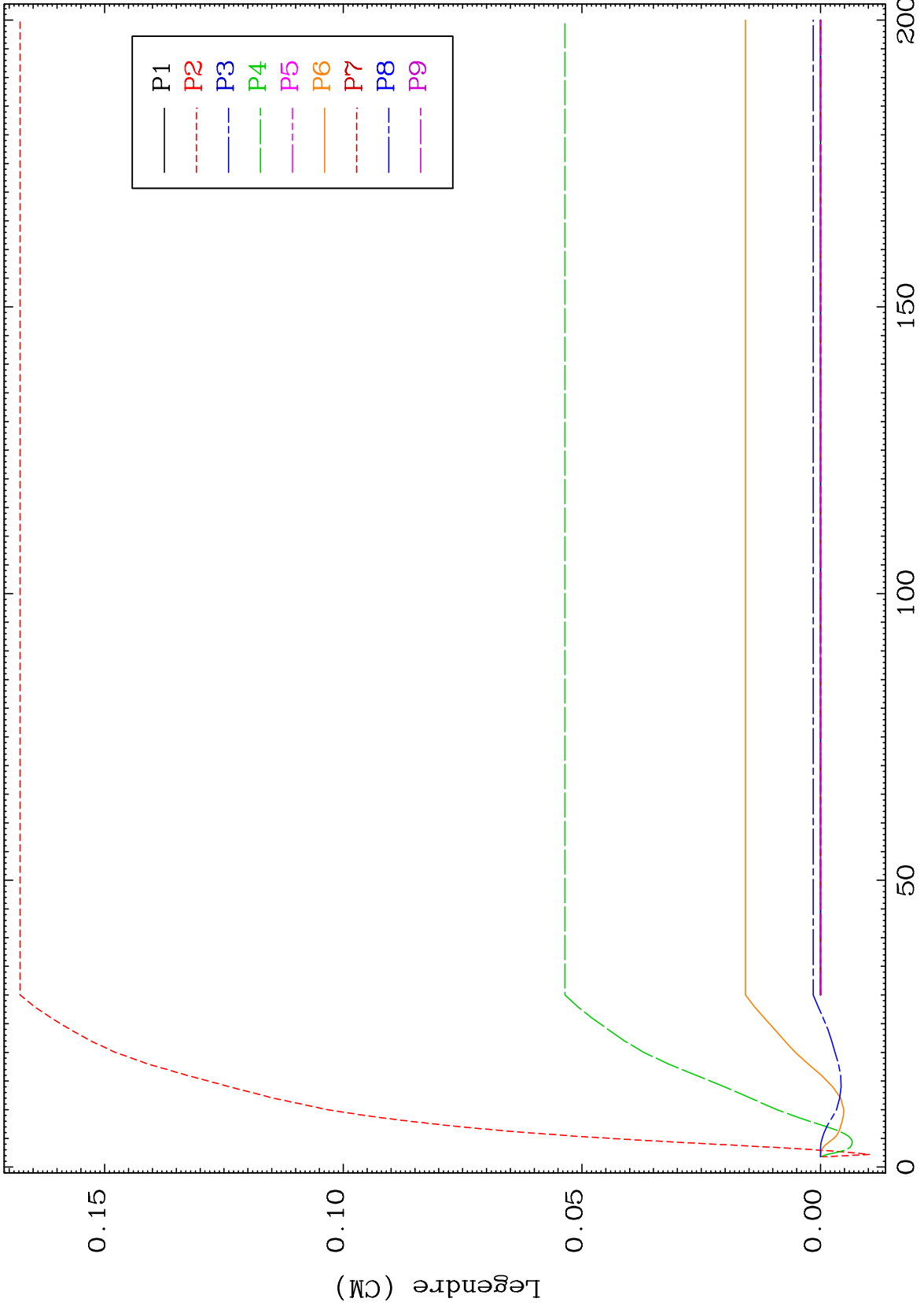


44

Incident Energy (MeV)

58-Ce-134

MAT 5819 MT= 58 (n,n') Level Legendre Coefficients 58-Ce-134

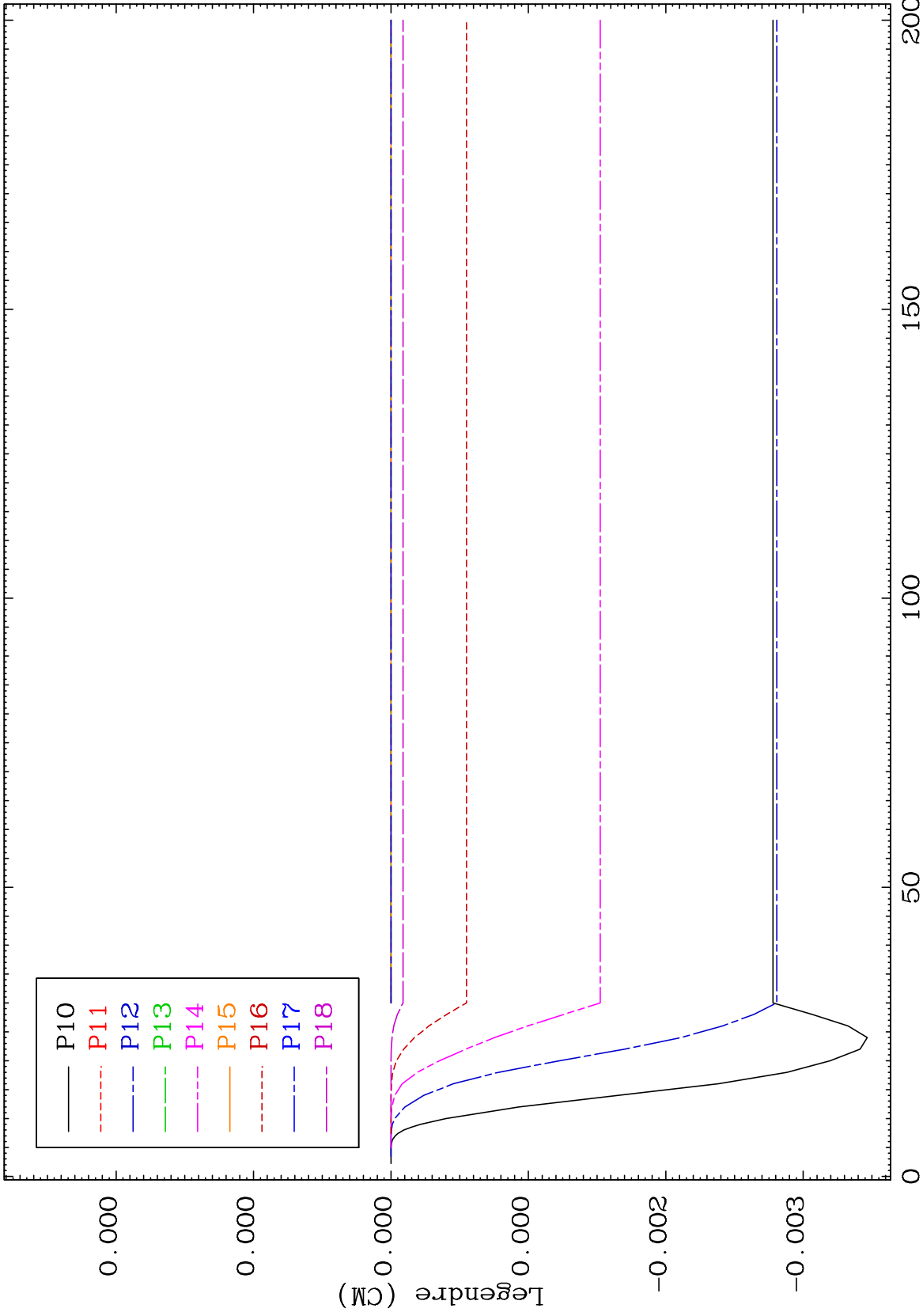


Legendre (CM) Incident Energy (MeV) 58-Ce-134

MAT 5819

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

58-Ce-134



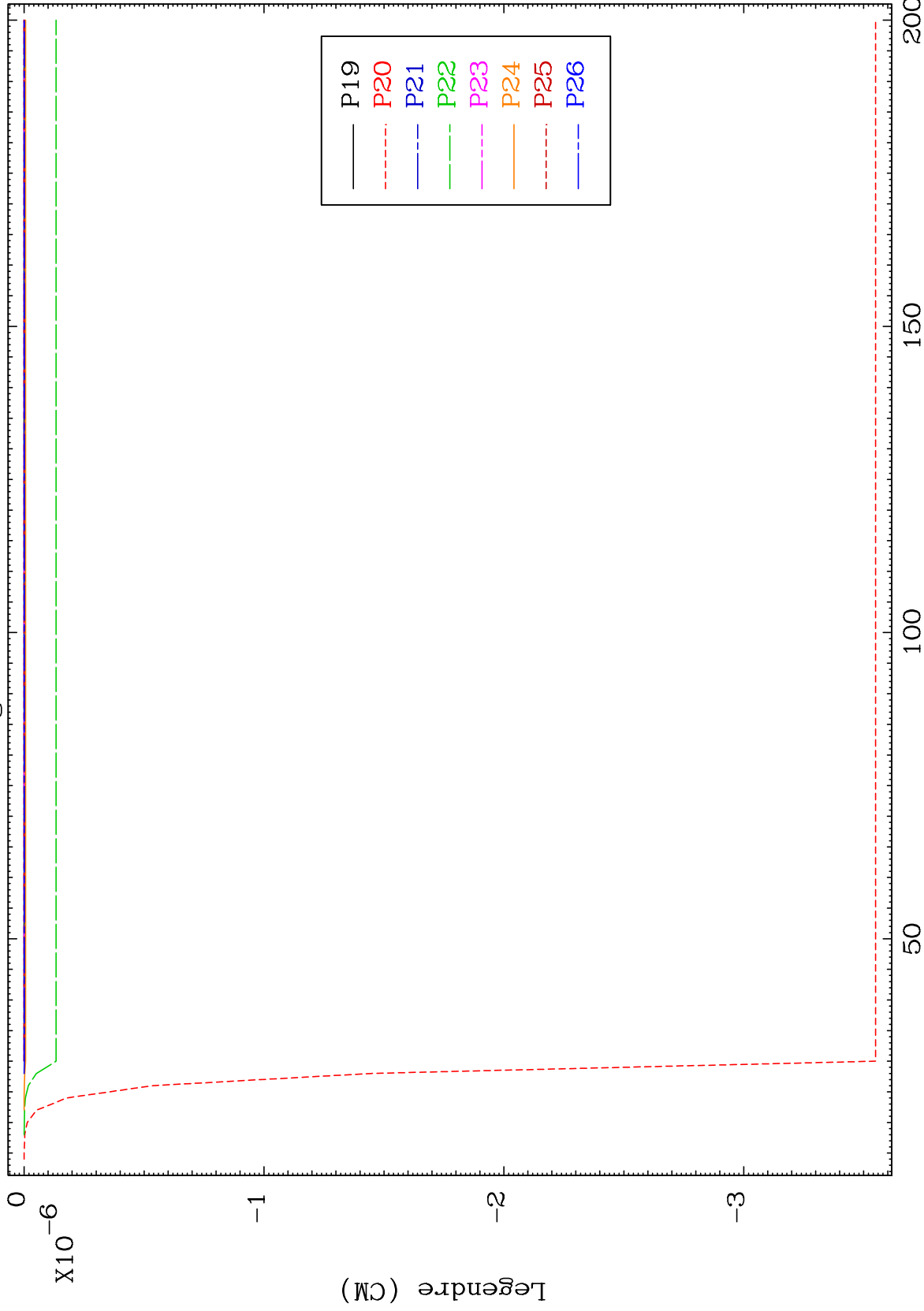
46

58-Ce-134

MAT 5819

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

58-Ce-134



47

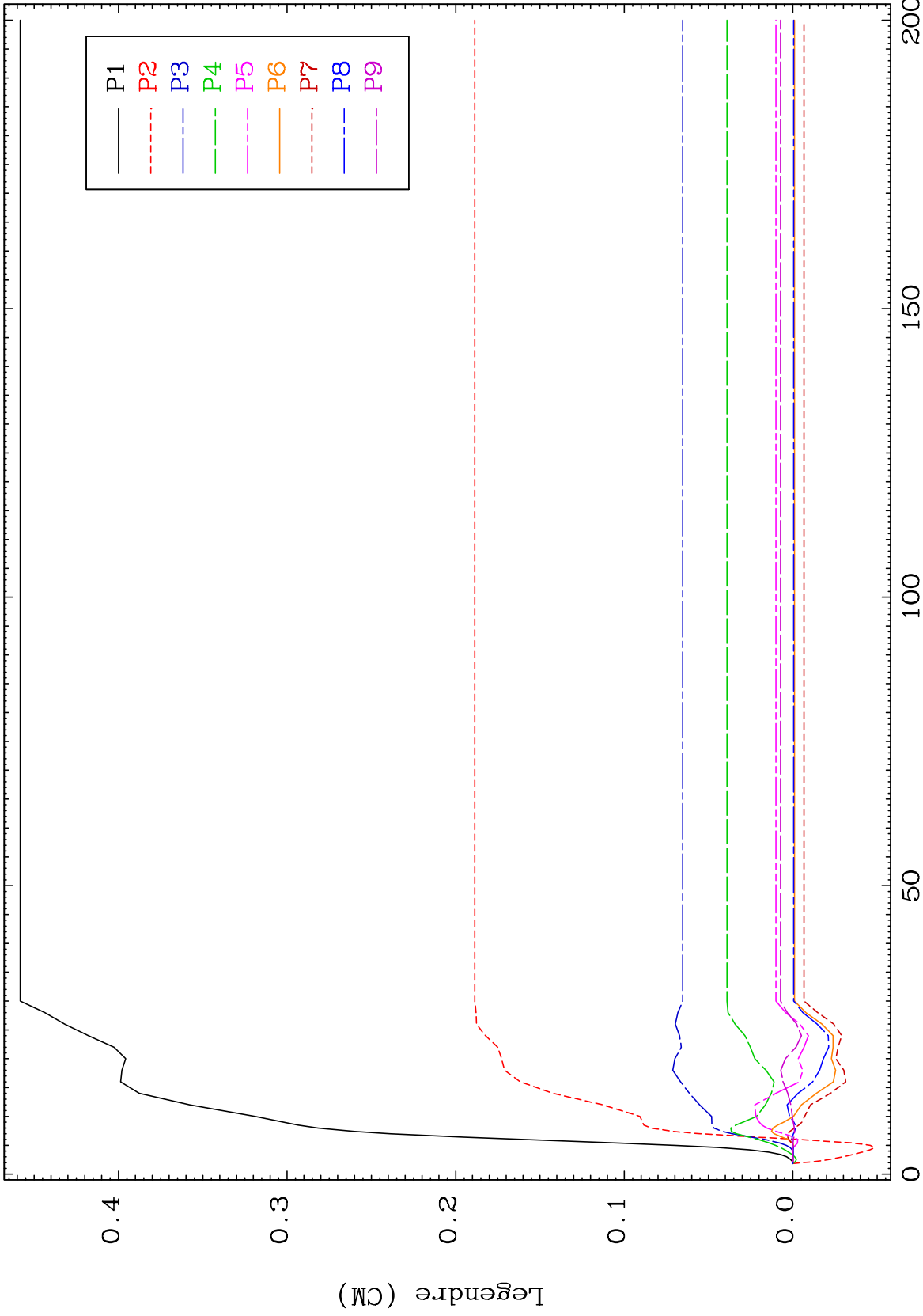
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



48

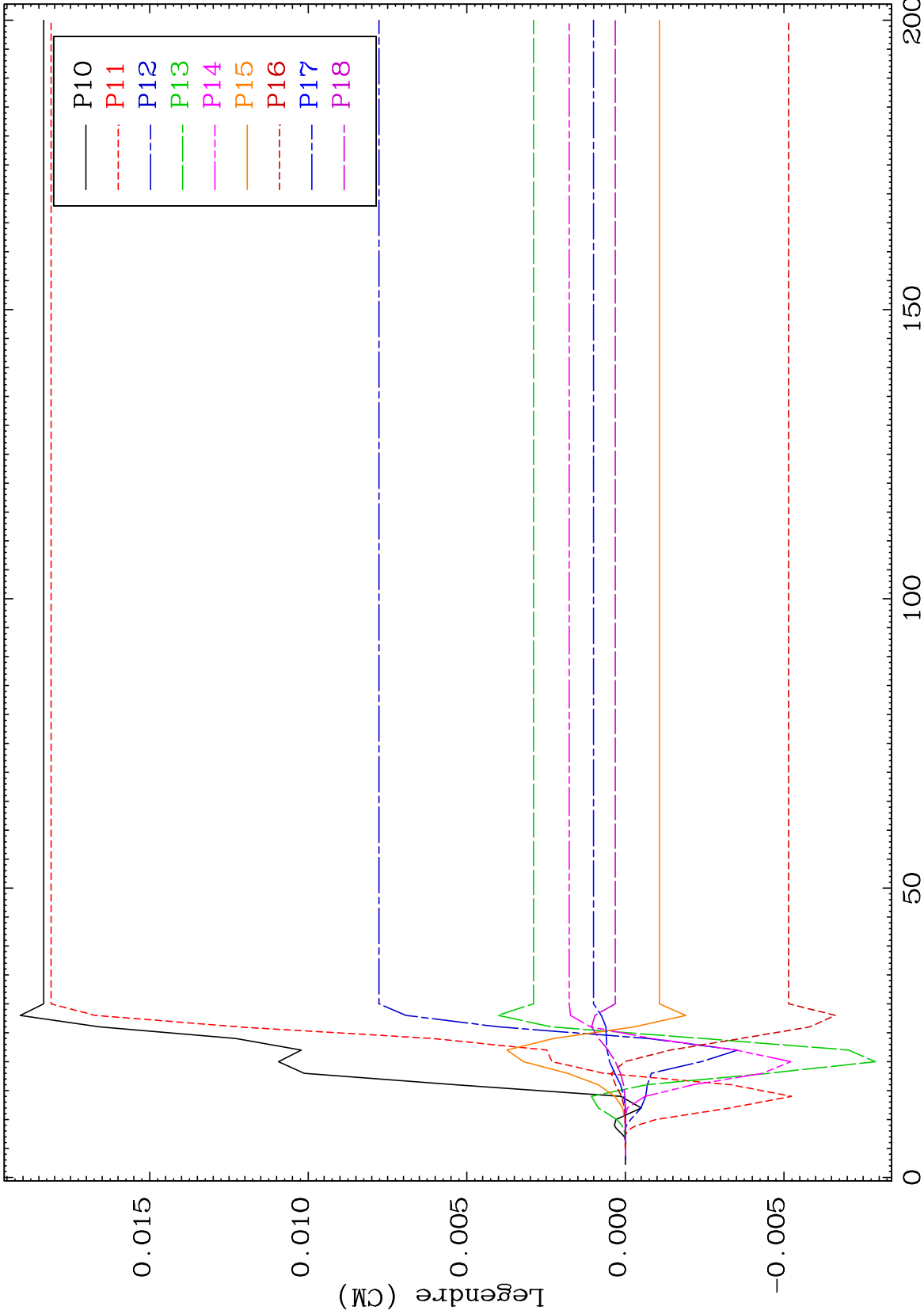
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



49

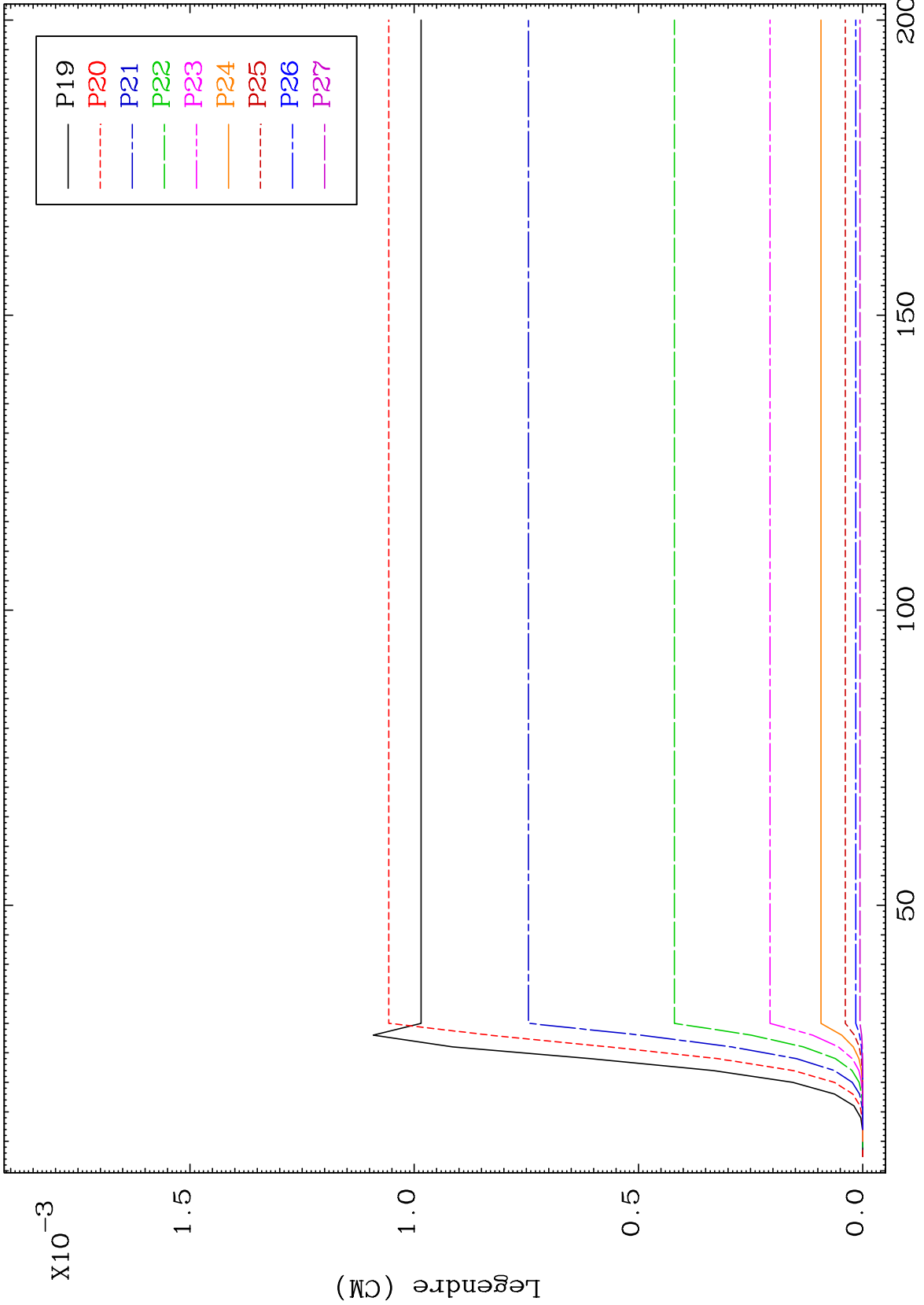
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



50

50

100

150

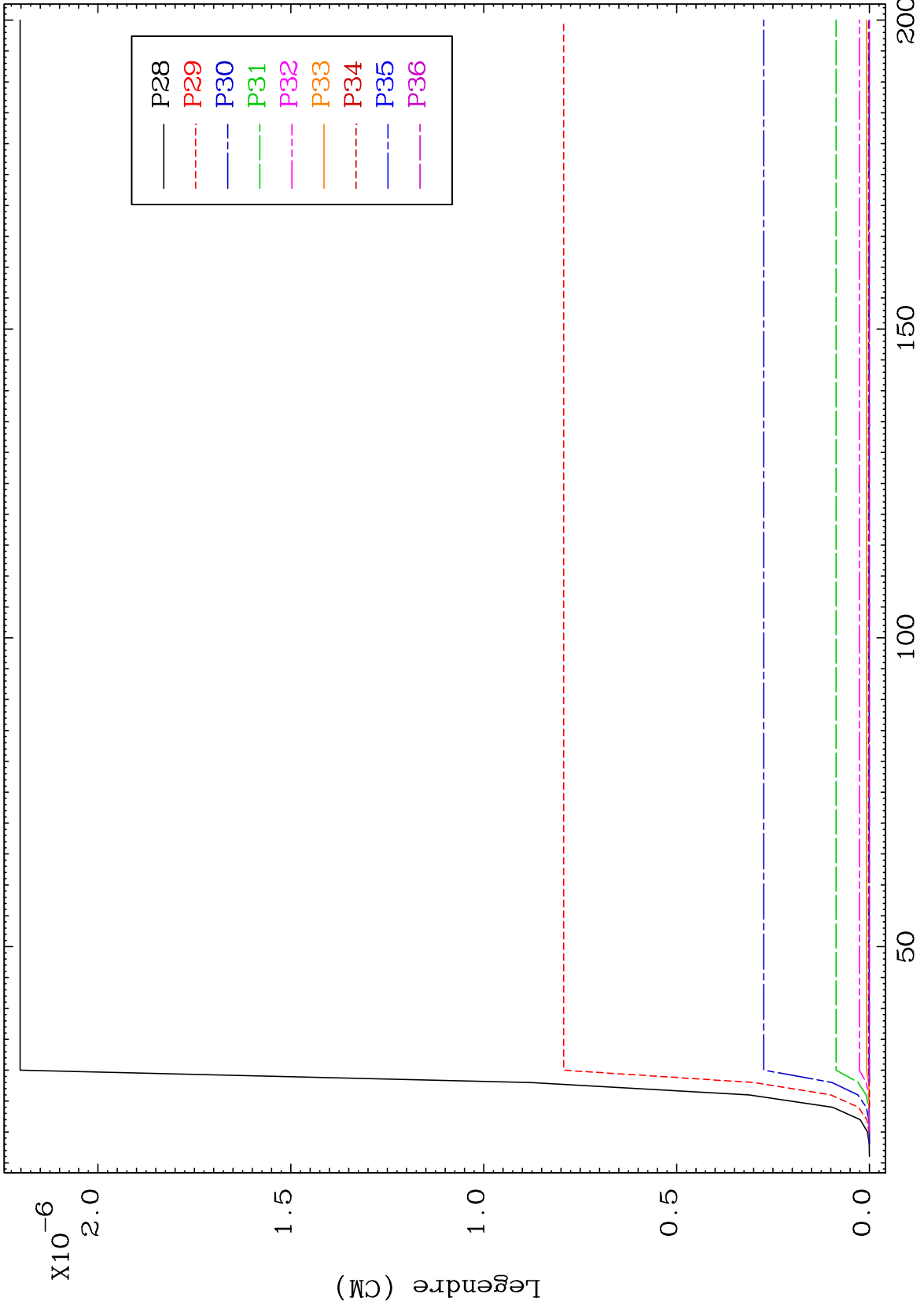
200

58-Ce-134

MAT 5819

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

58-Ce-134



51

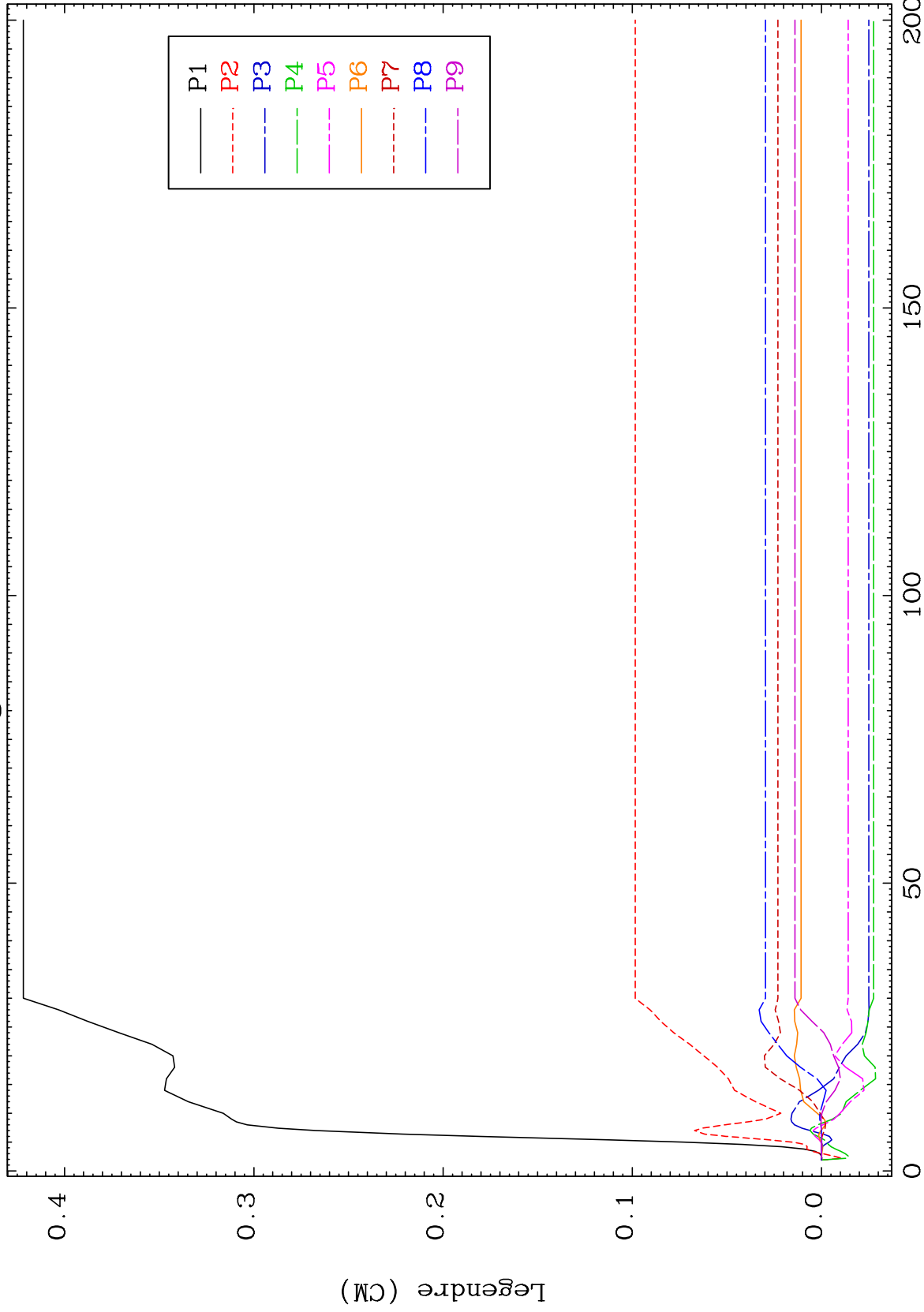
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134

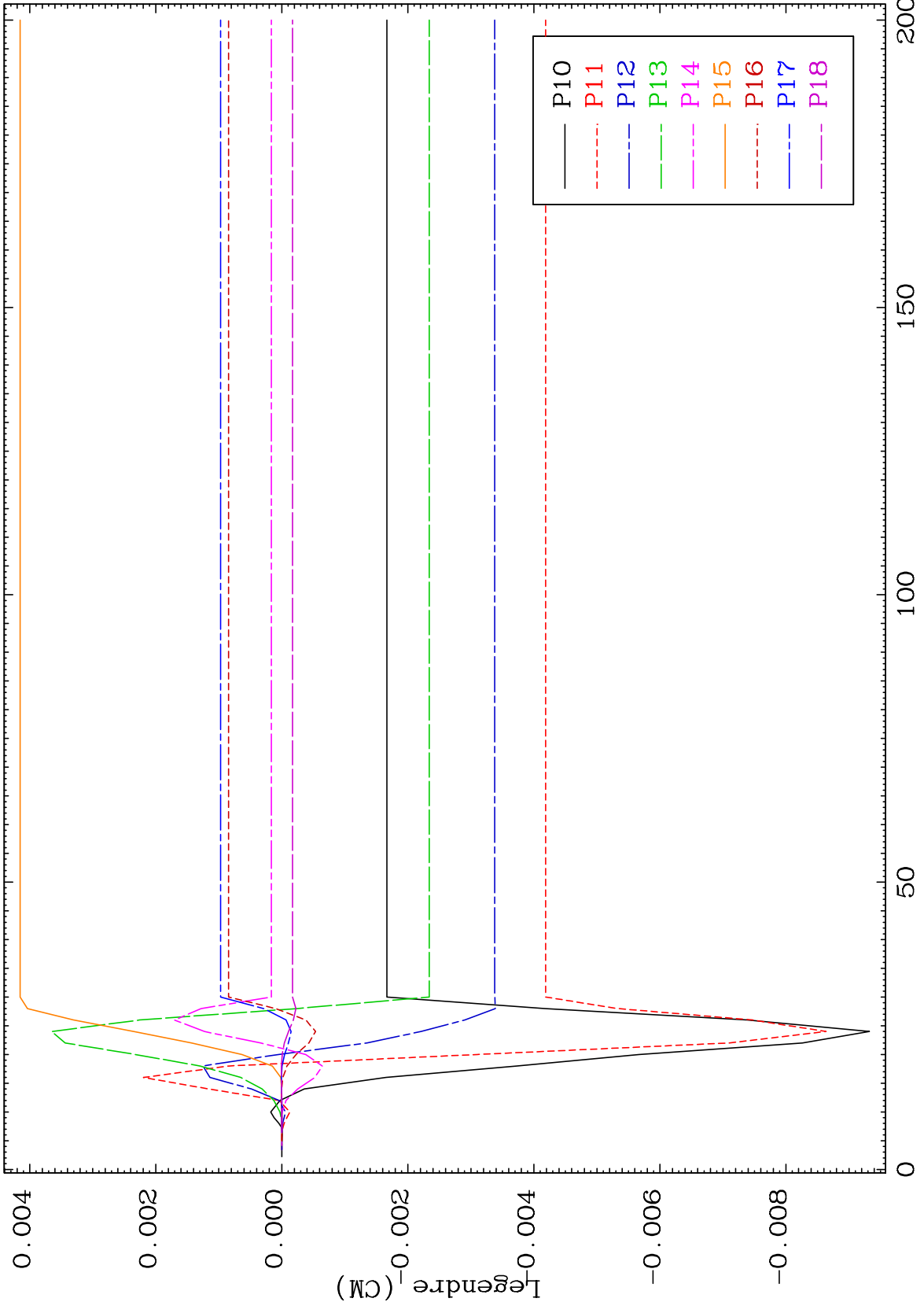


52

Incident Energy (MeV)

58-Ce-134

MAT 5819 MT= 60 (n,n') Level Legendre Coefficients 58-Ce-134

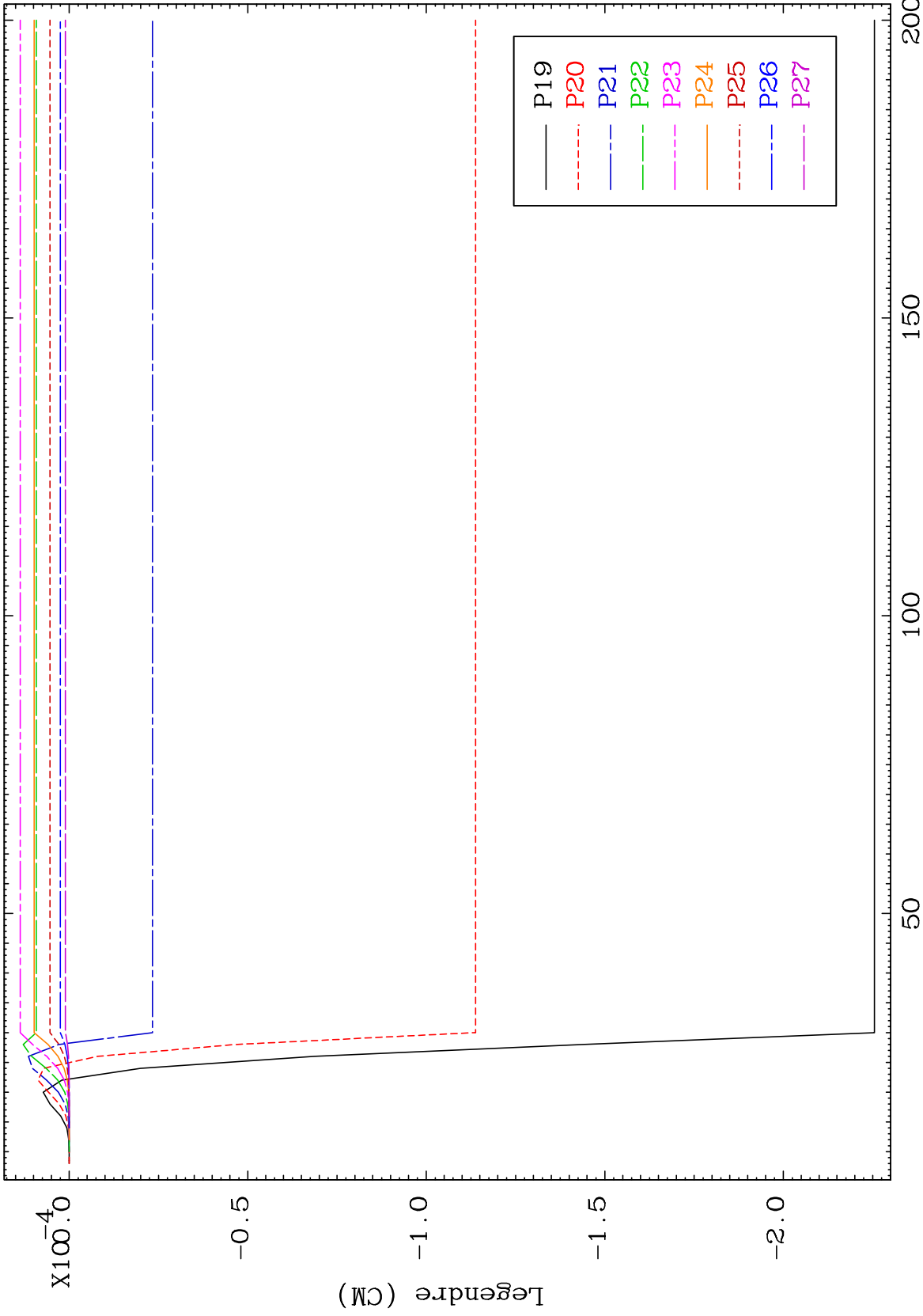


53 Incident Energy (MeV) 58-Ce-134

MAT 5819

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

58-Ce-134



54

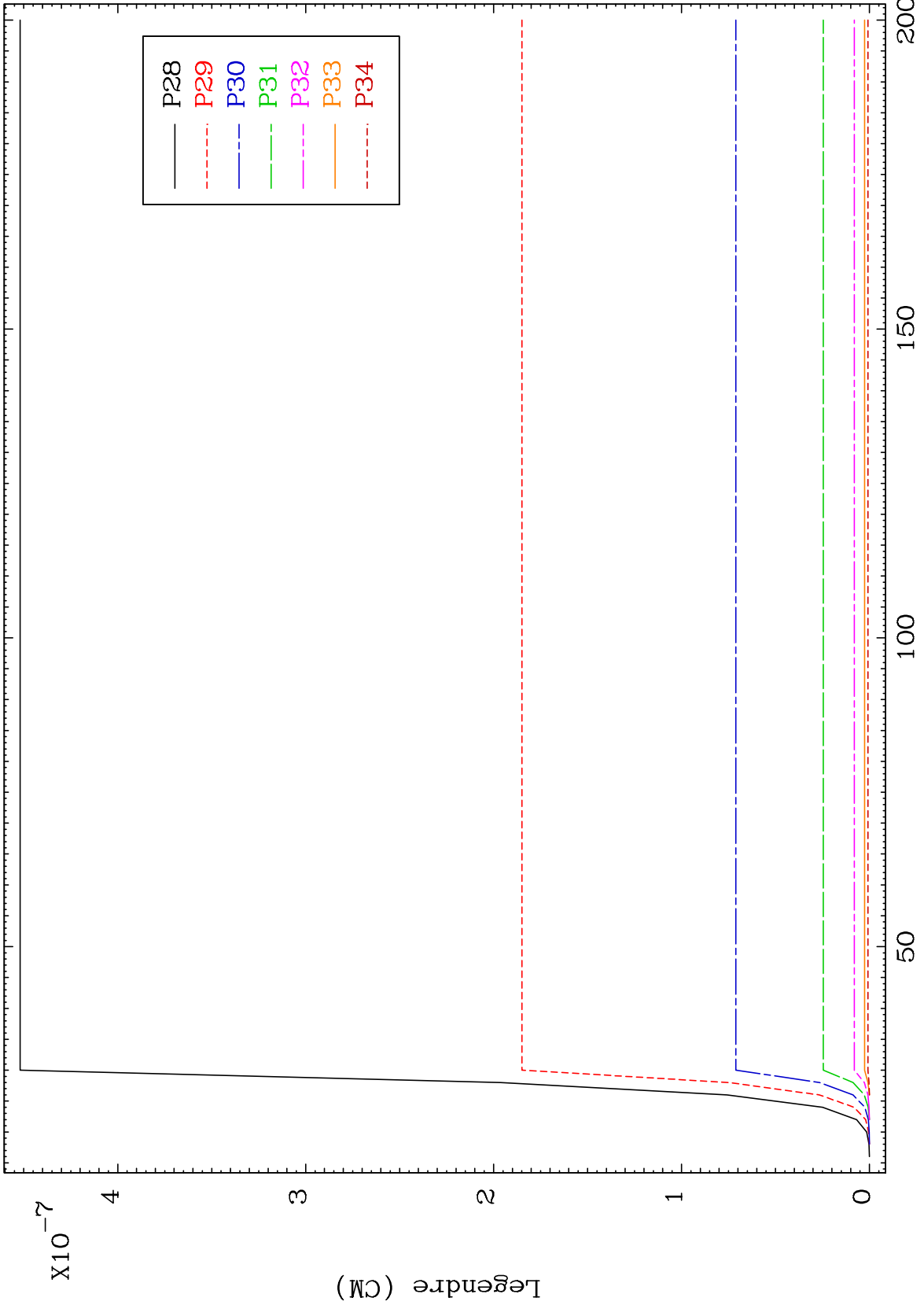
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



55

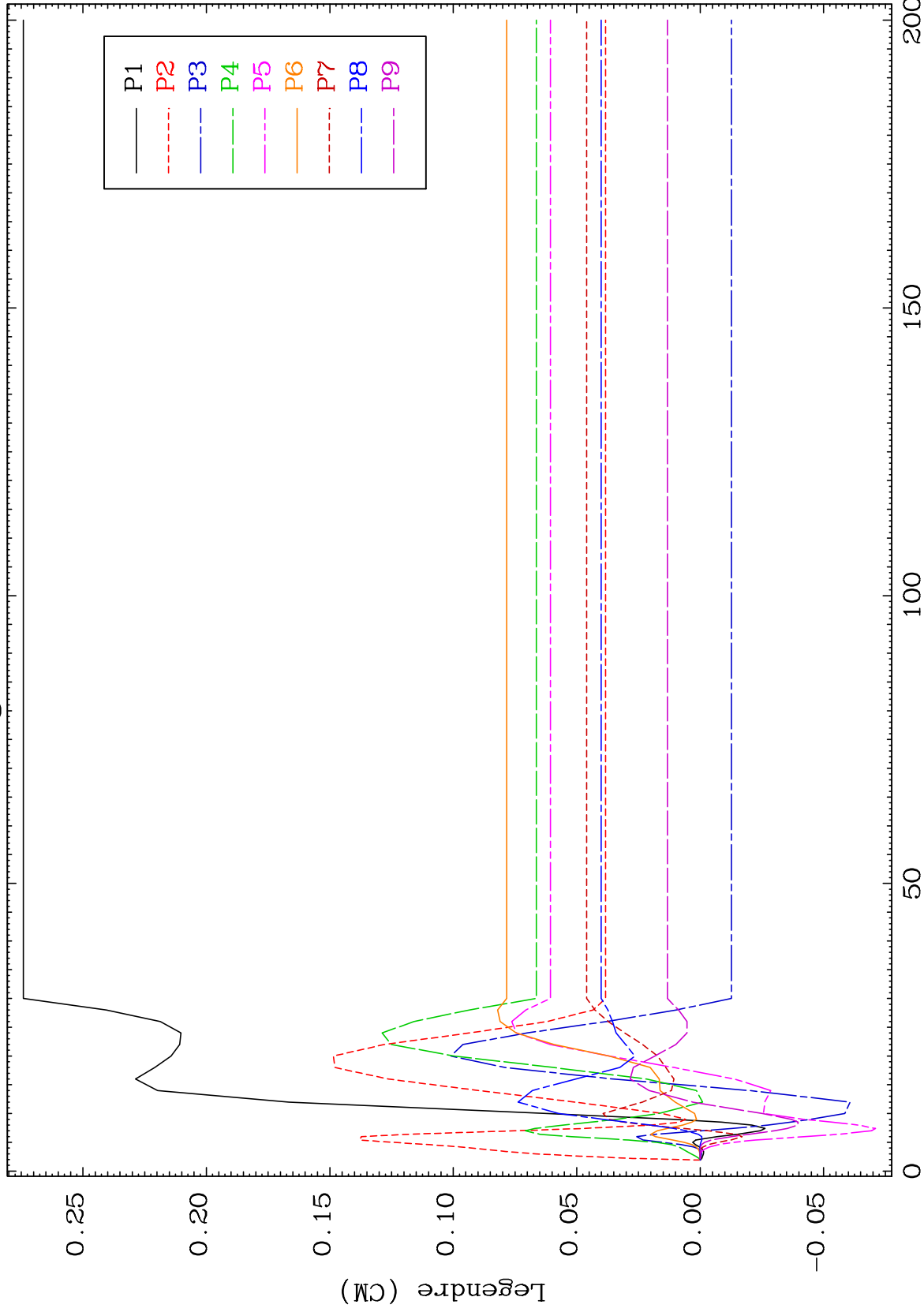
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



56

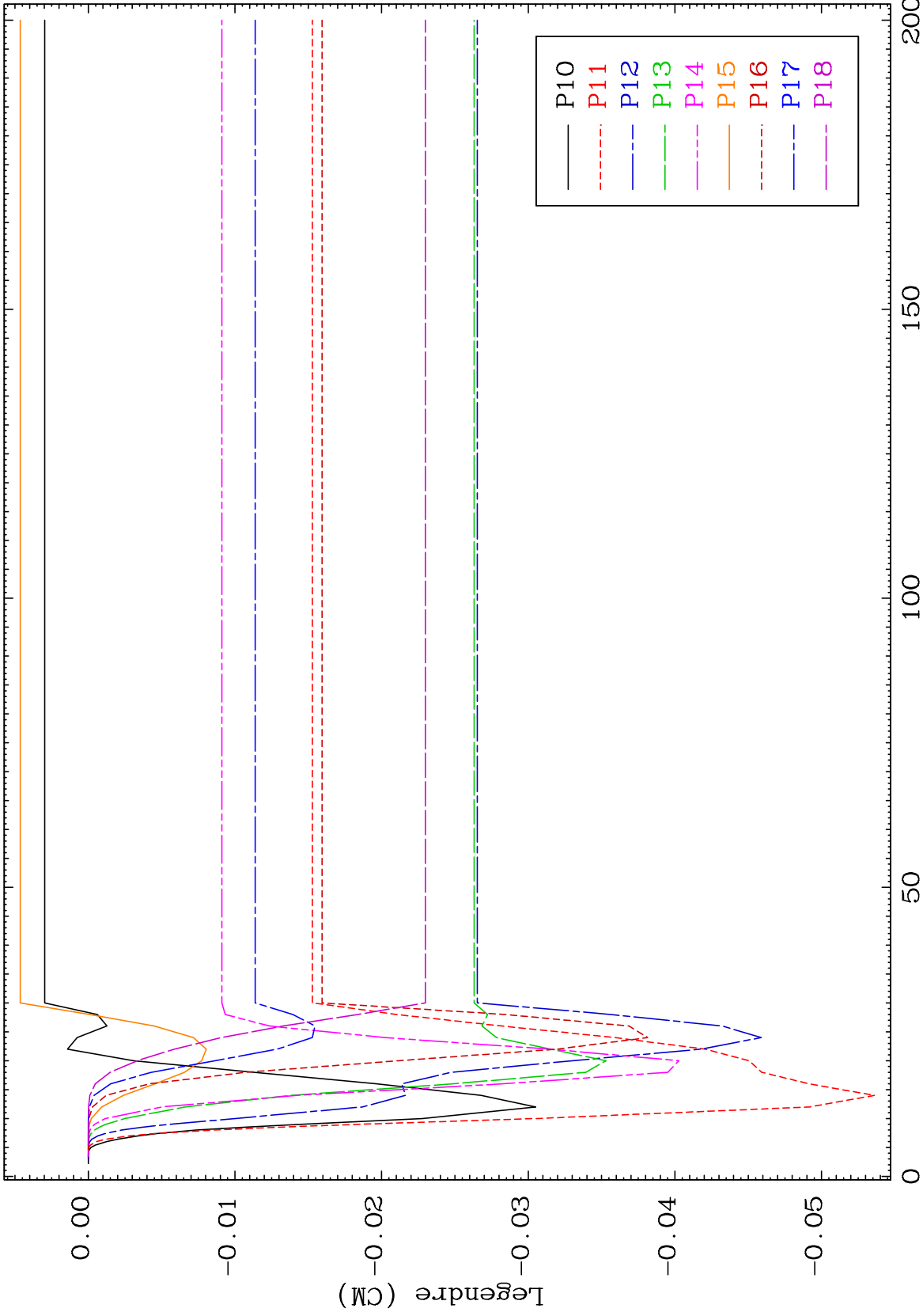
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134

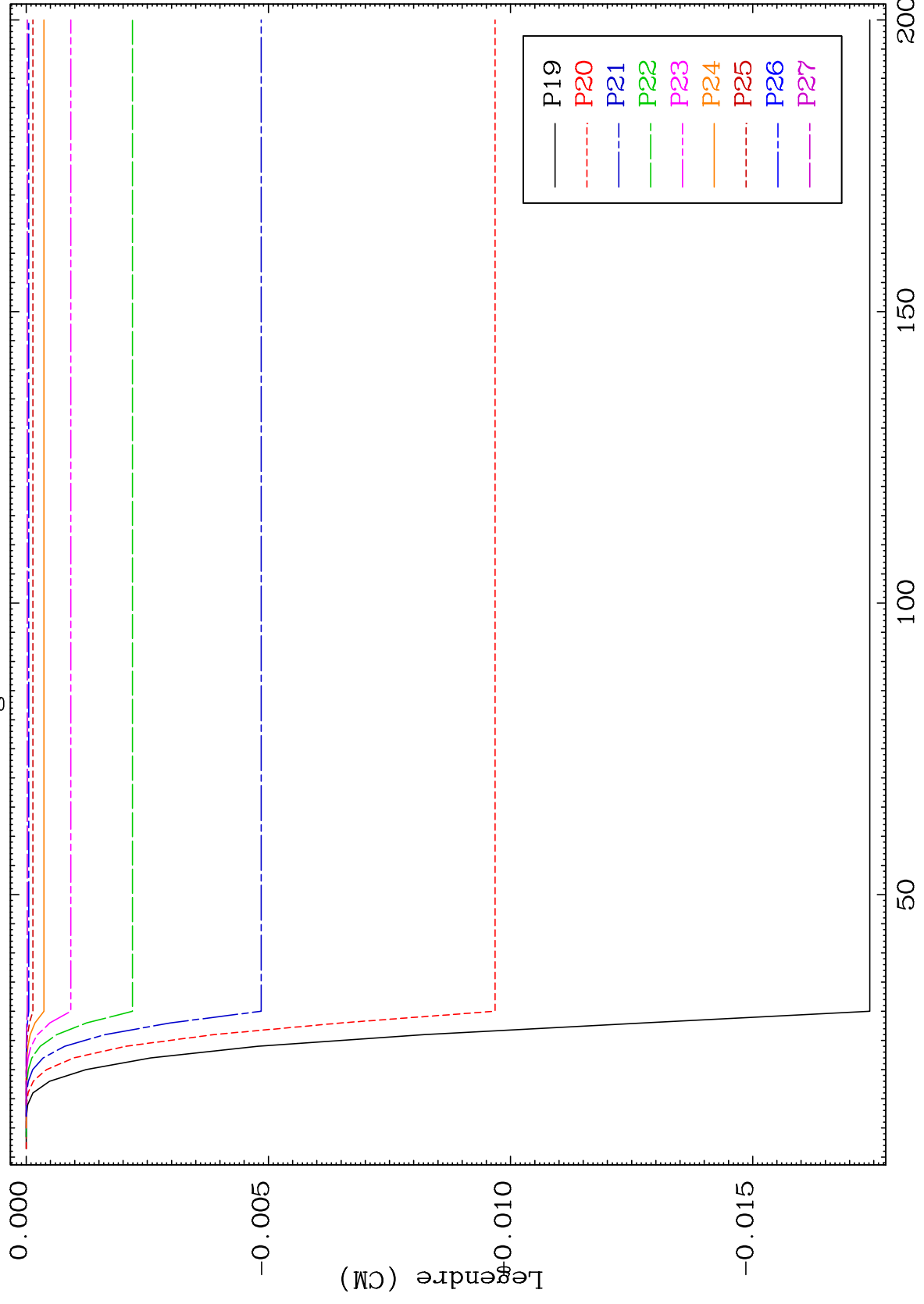


57

Incident Energy (MeV)

58-Ce-134

MAT 5819 MT= 61 (n,n') Level Legendre Coefficients 58-Ce-134

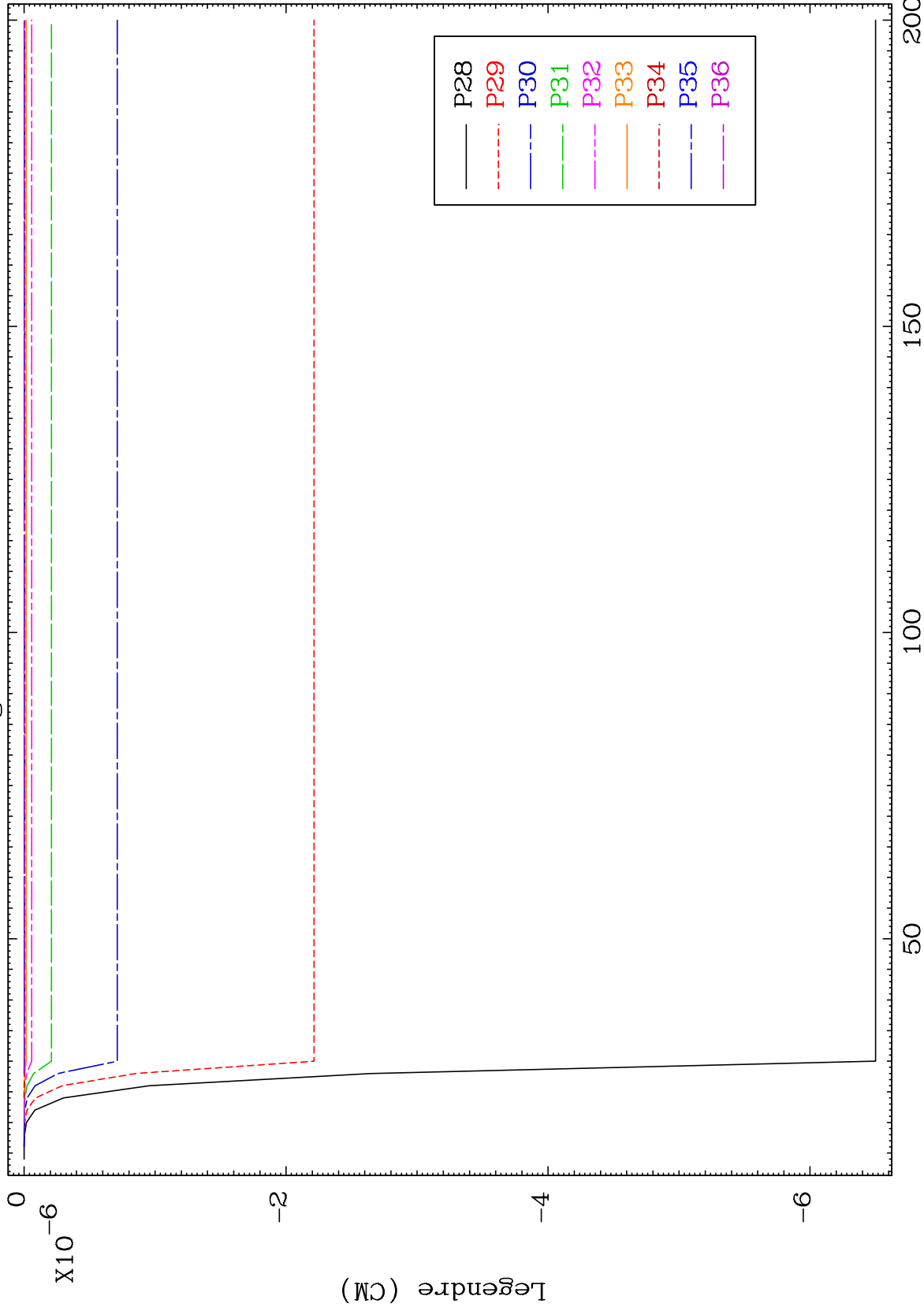


58 58-Ce-134

MAT 5819

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

58-Ce-134

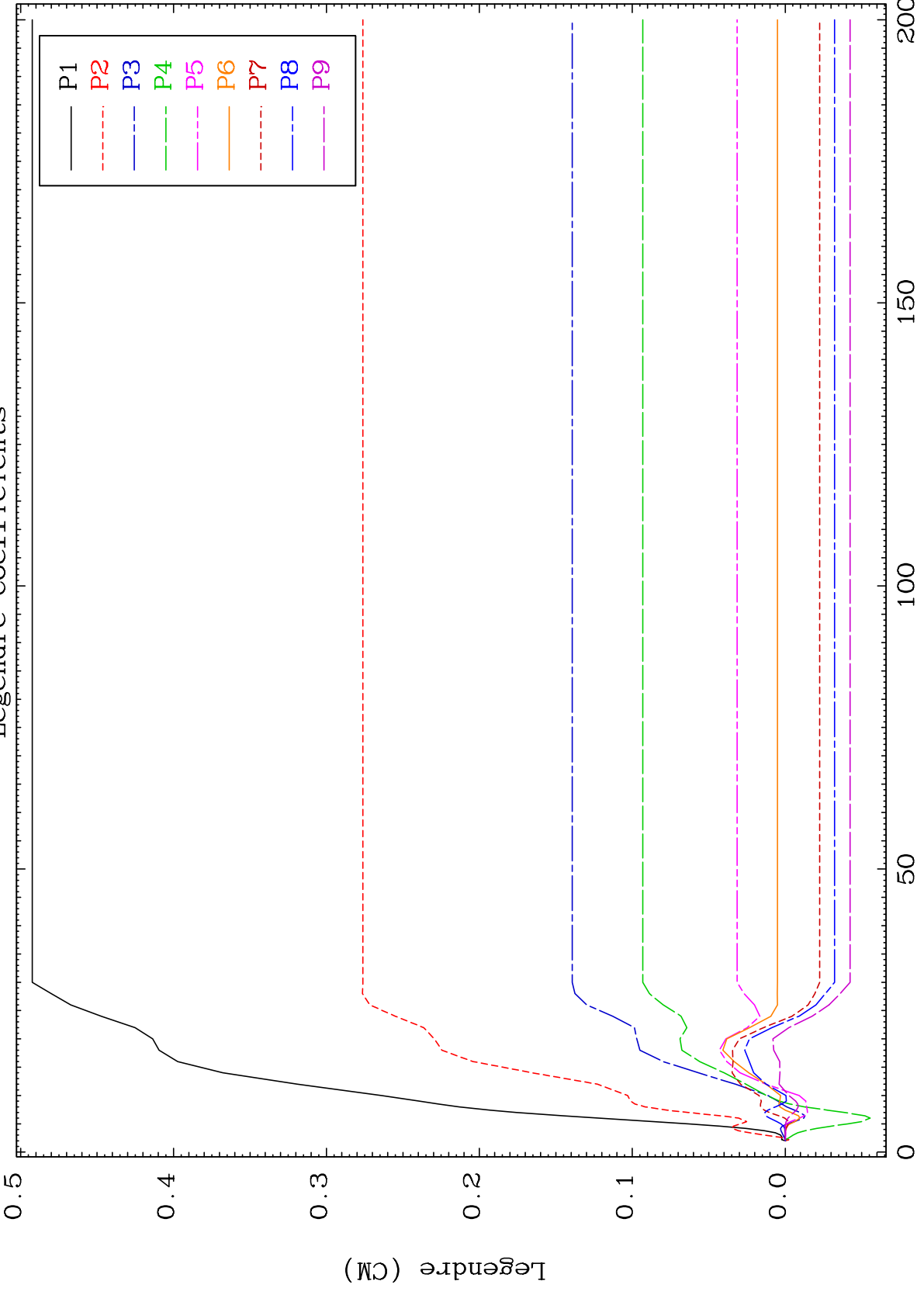


58-Ce-134

Incident Energy (MeV)

59

MAT 5819 MT= 62 (n,n') Level Legendre Coefficients 58-Ce-134

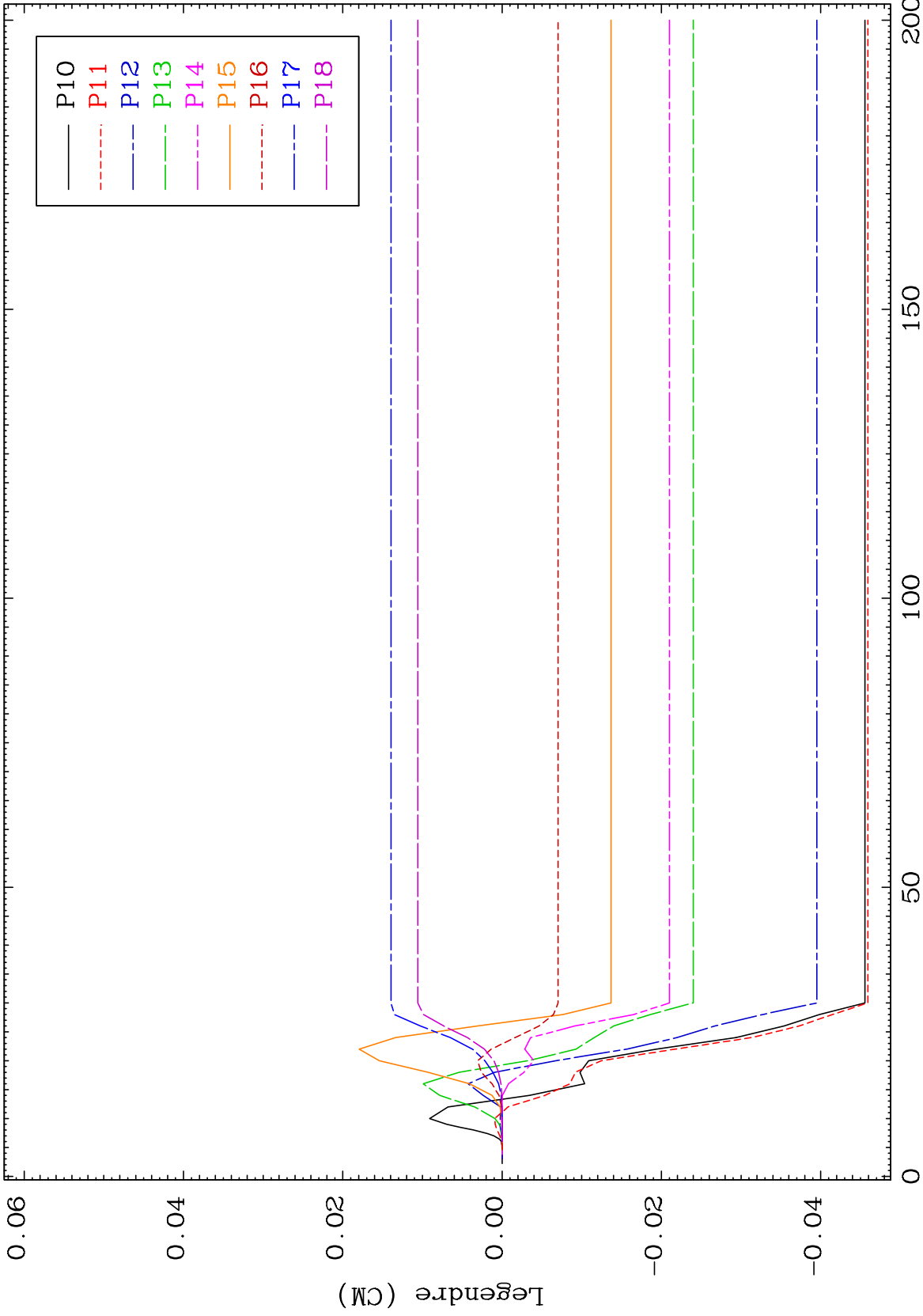


58-Ce-134 Incident Energy (MeV)

MAT 5819

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

58-Ce-134



61

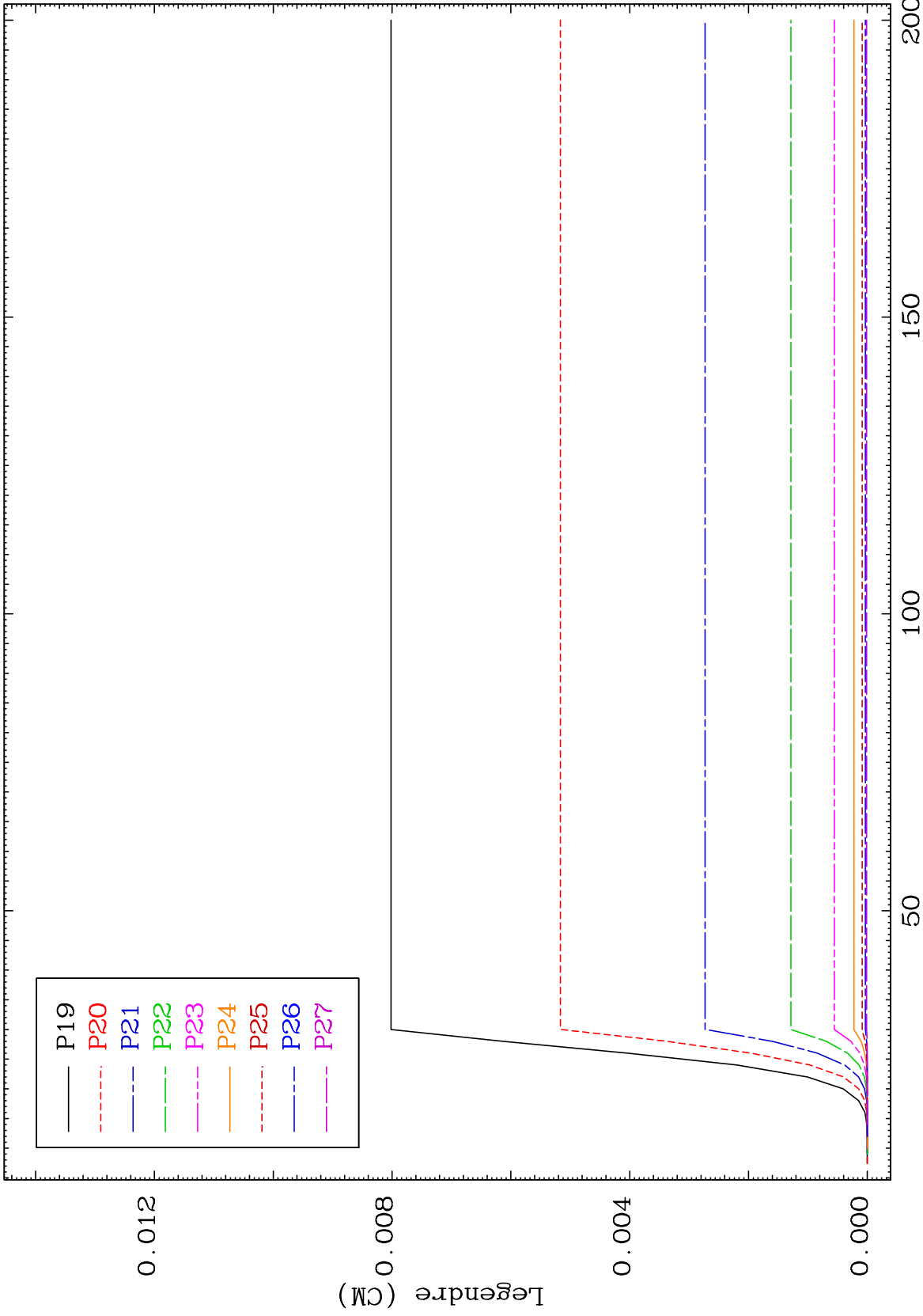
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



62

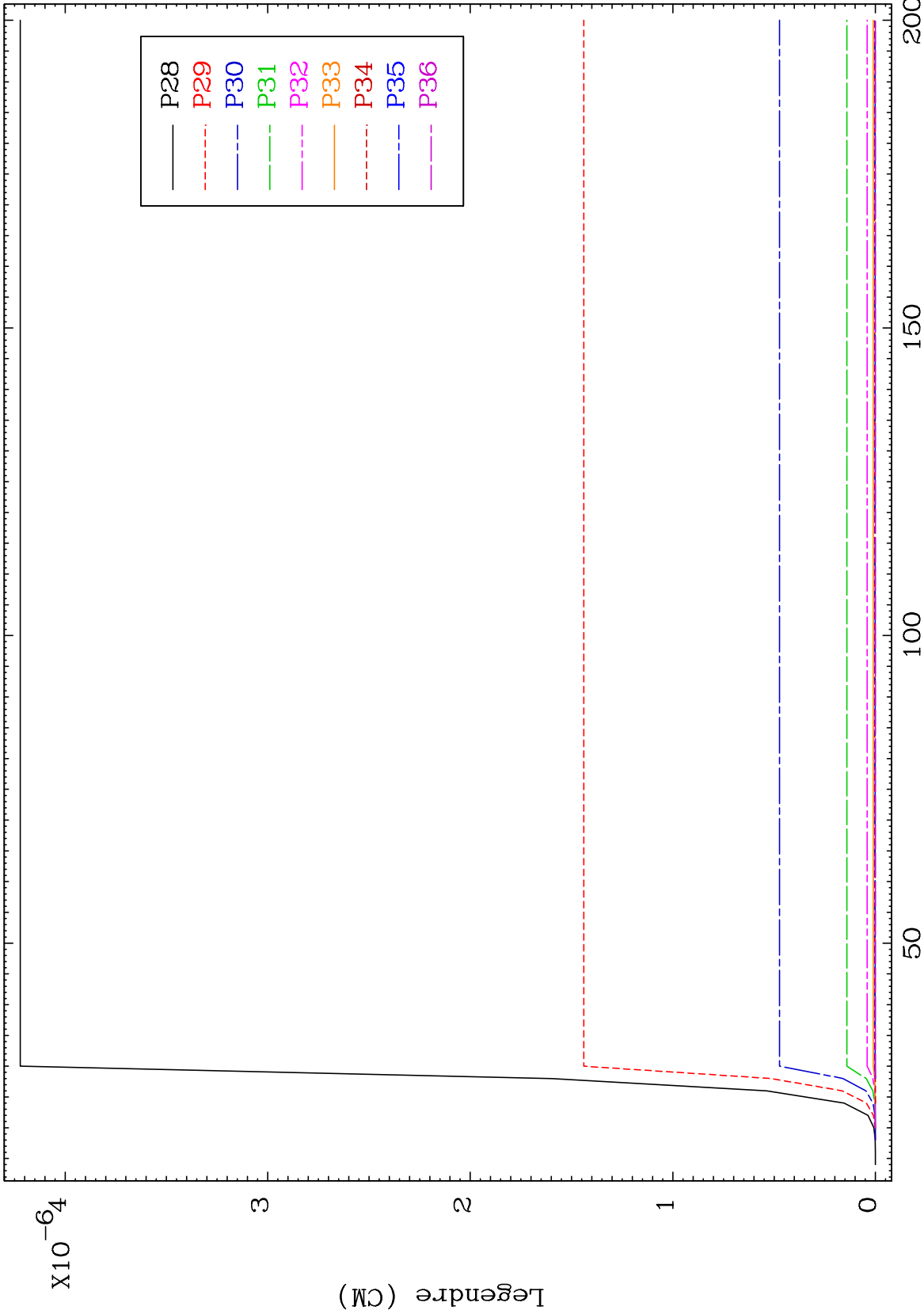
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

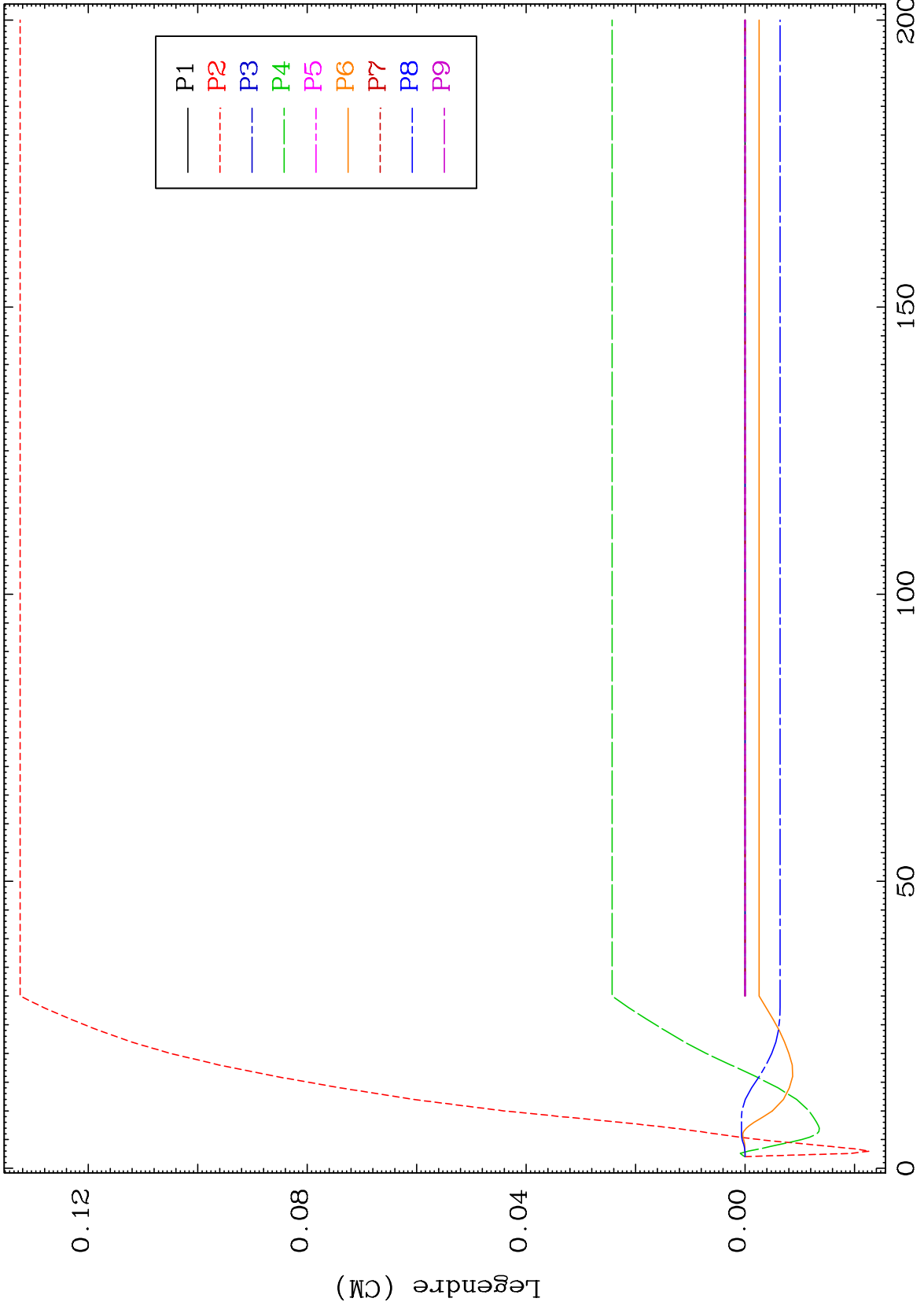
58-Ce-134



63

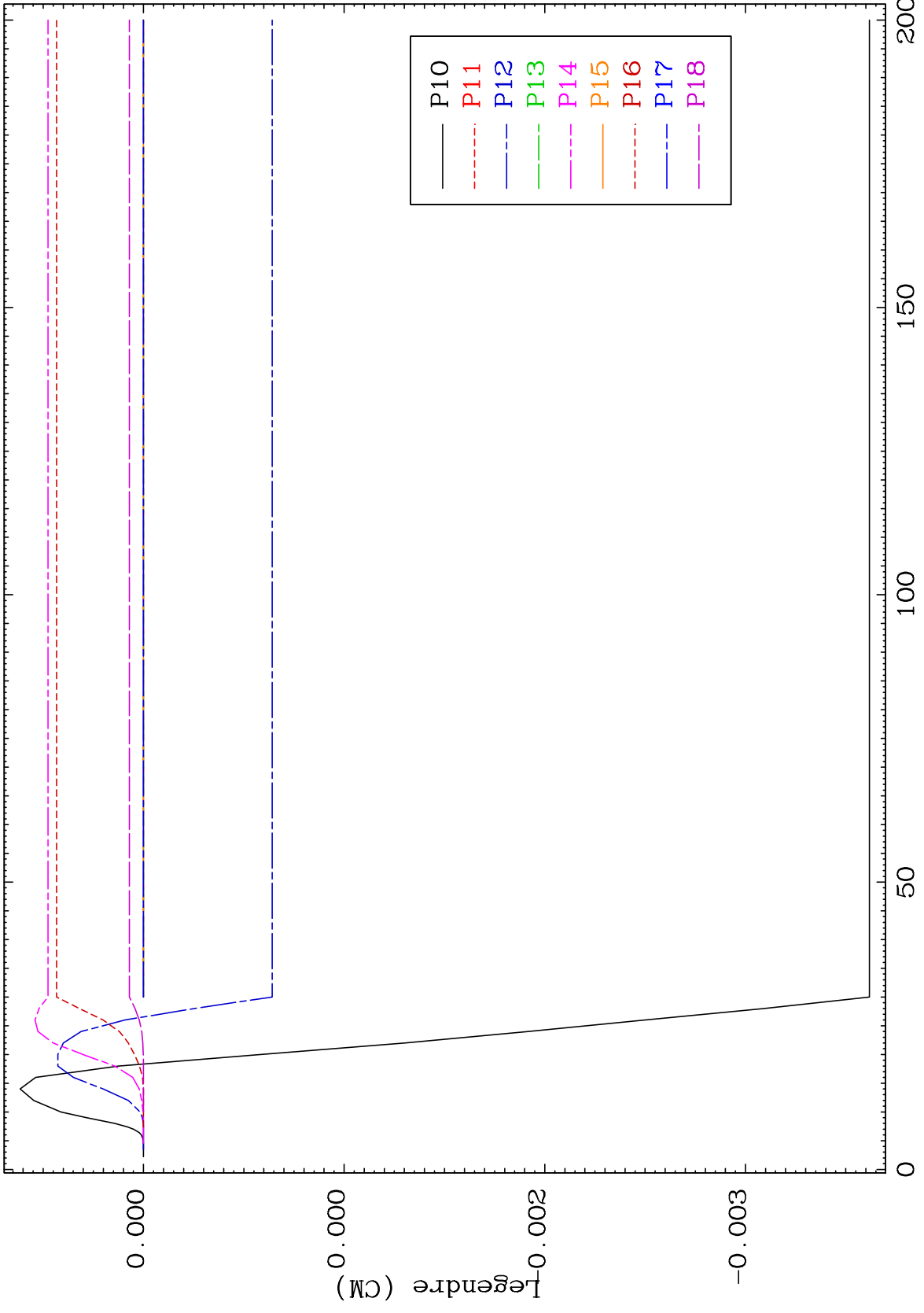
58-Ce-134

MAT 5819 MT= 63 (n,n') Level Legendre Coefficients 58-Ce-134



64 58-Ce-134

MAT 5819 MT= 63 (n,n') Level Legendre Coefficients 58-Ce-134

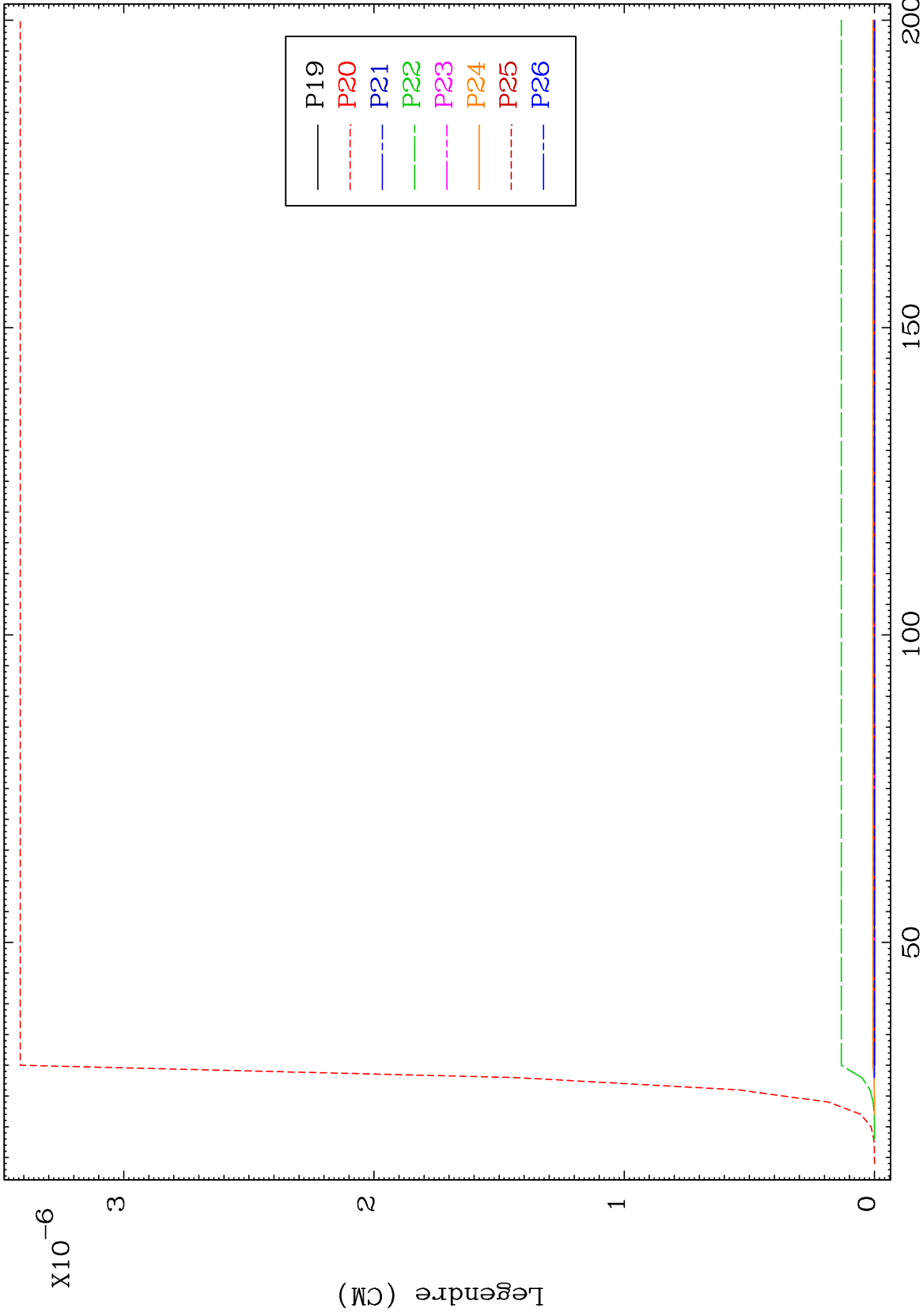


65 58-Ce-134

MAT 5819

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

58-Ce-134



66

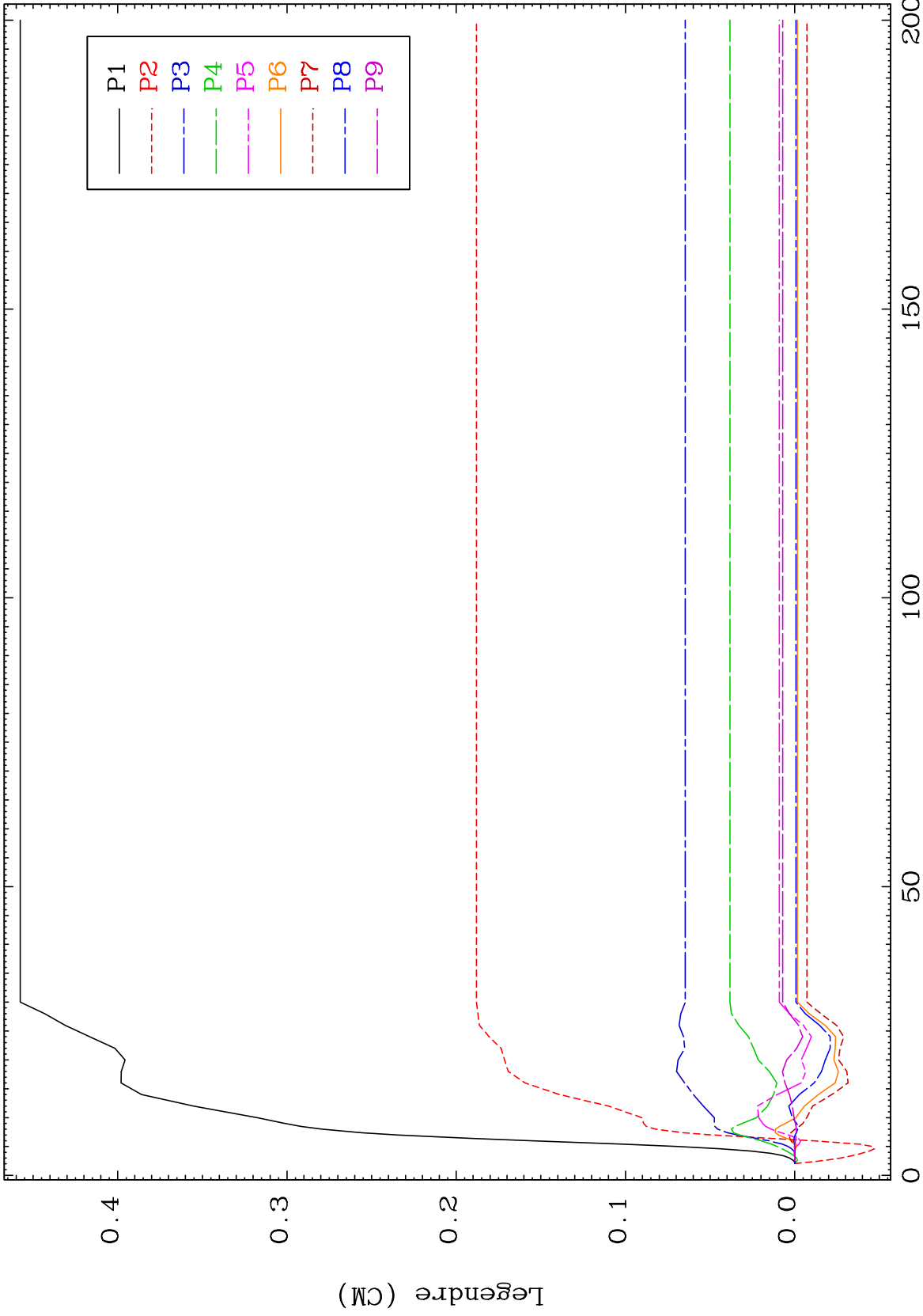
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



67

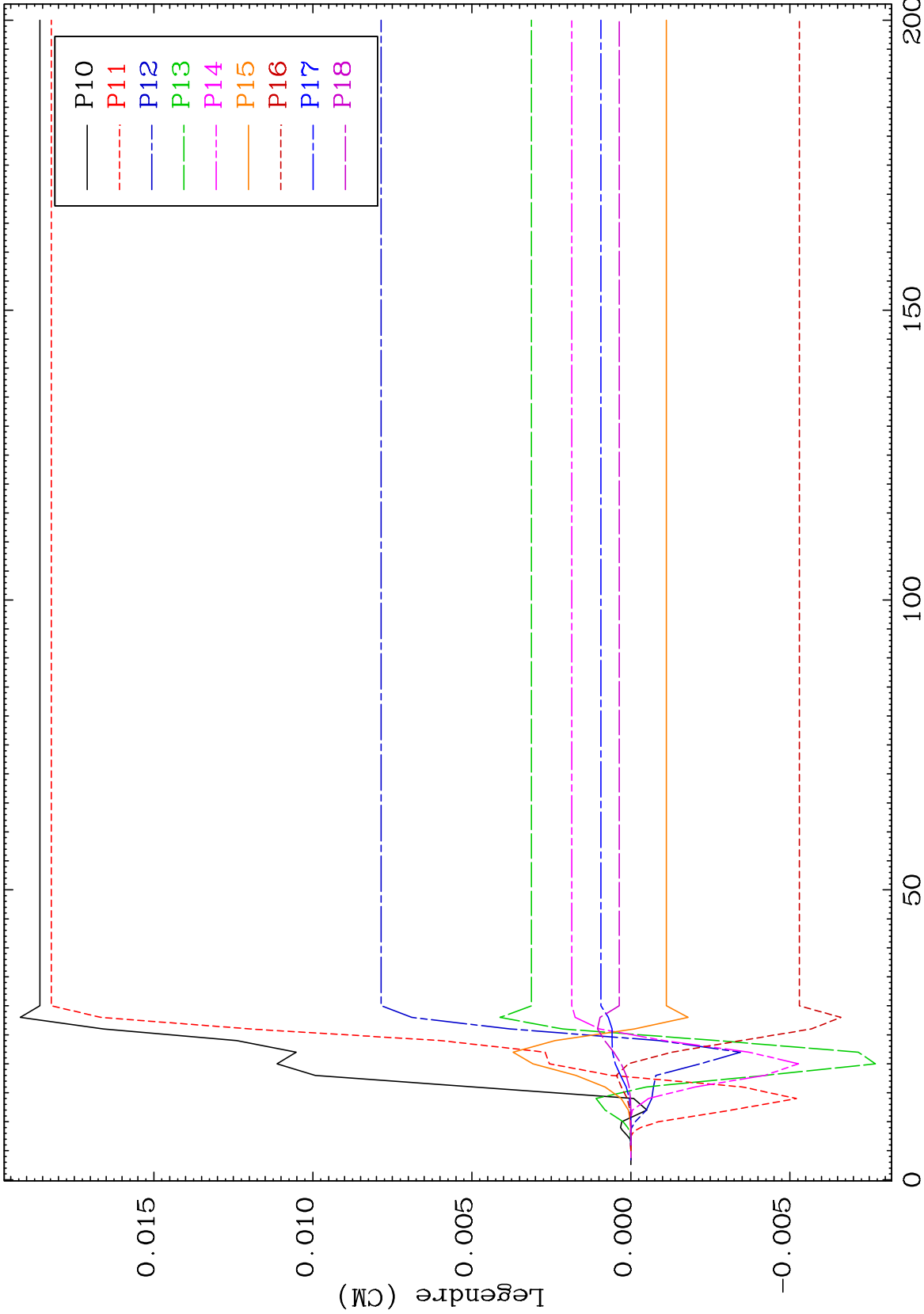
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



68

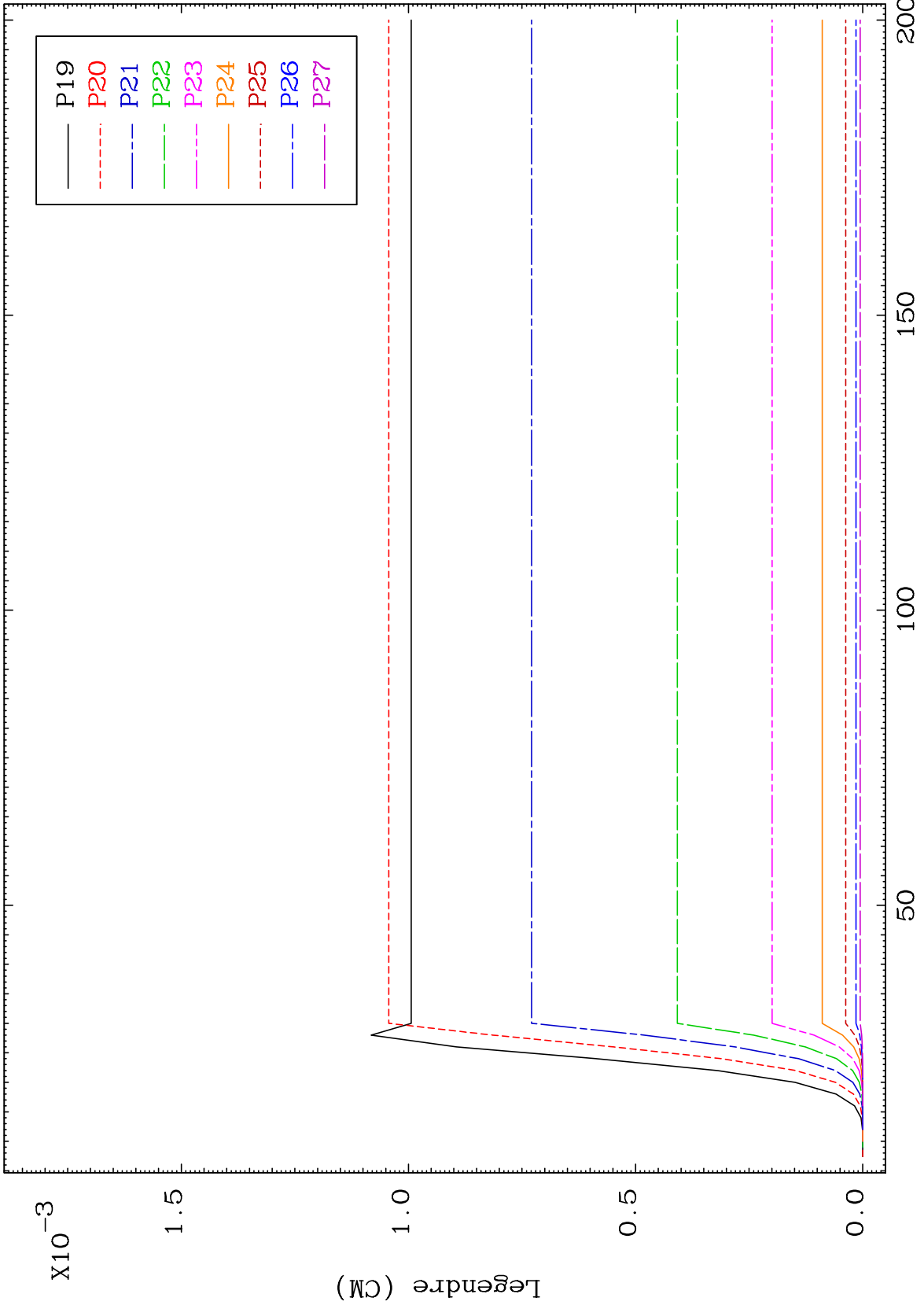
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



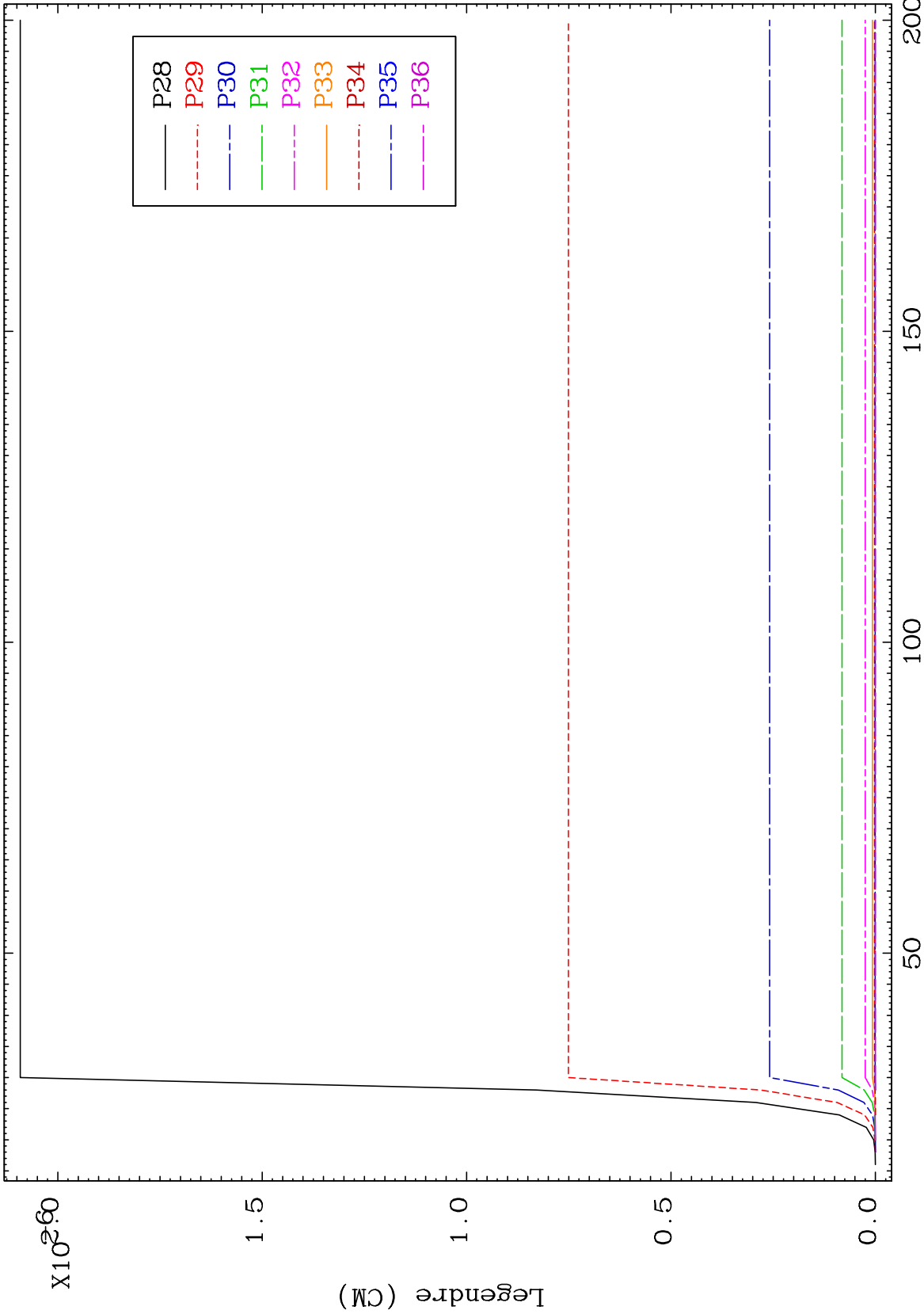
69

58-Ce-134

MAT 5819

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

58-Ce-134

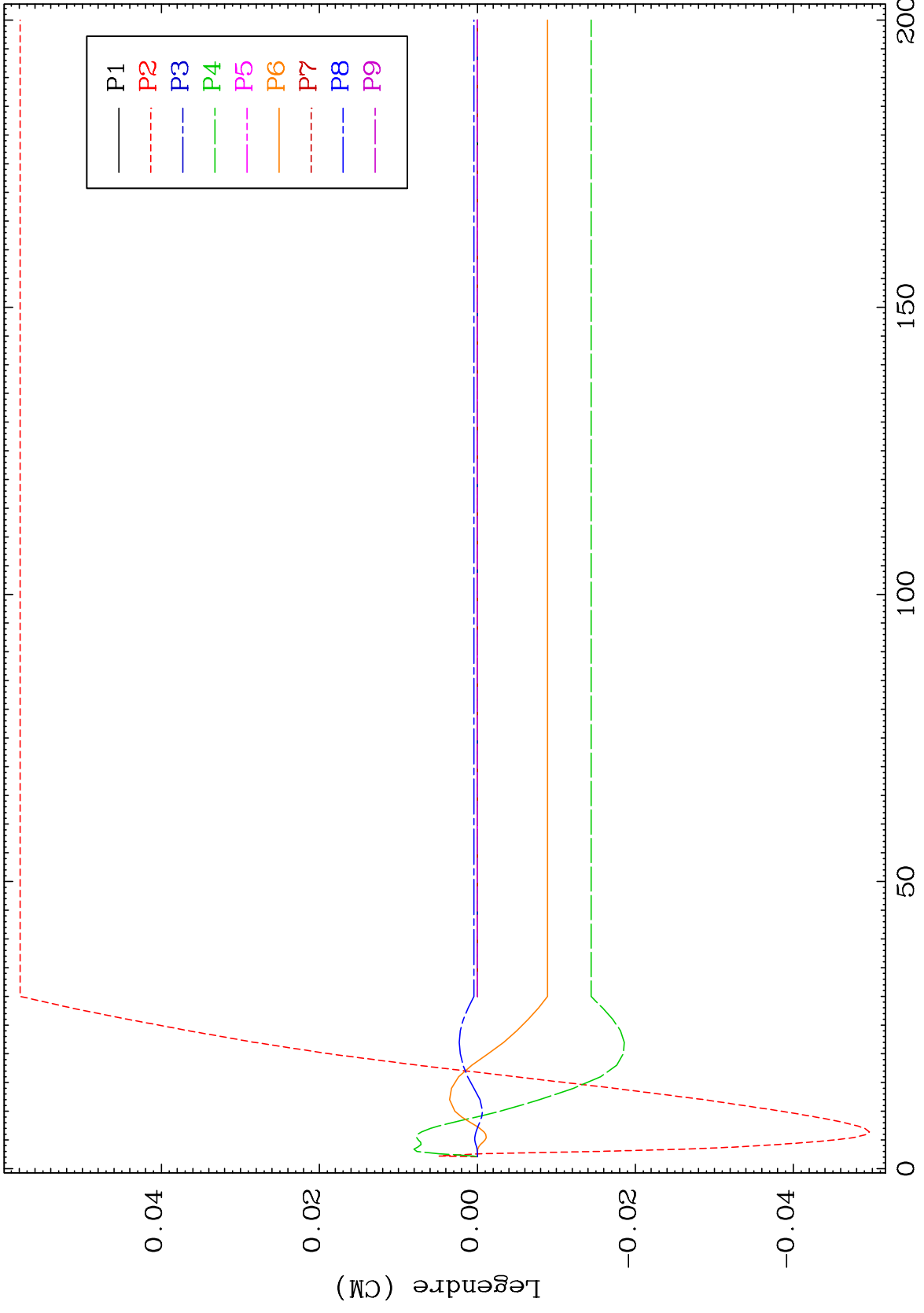


70

Incident Energy (MeV)

58-Ce-134

MAT 5819 MT= 65 (n,n') Level Legendre Coefficients 58-Ce-134

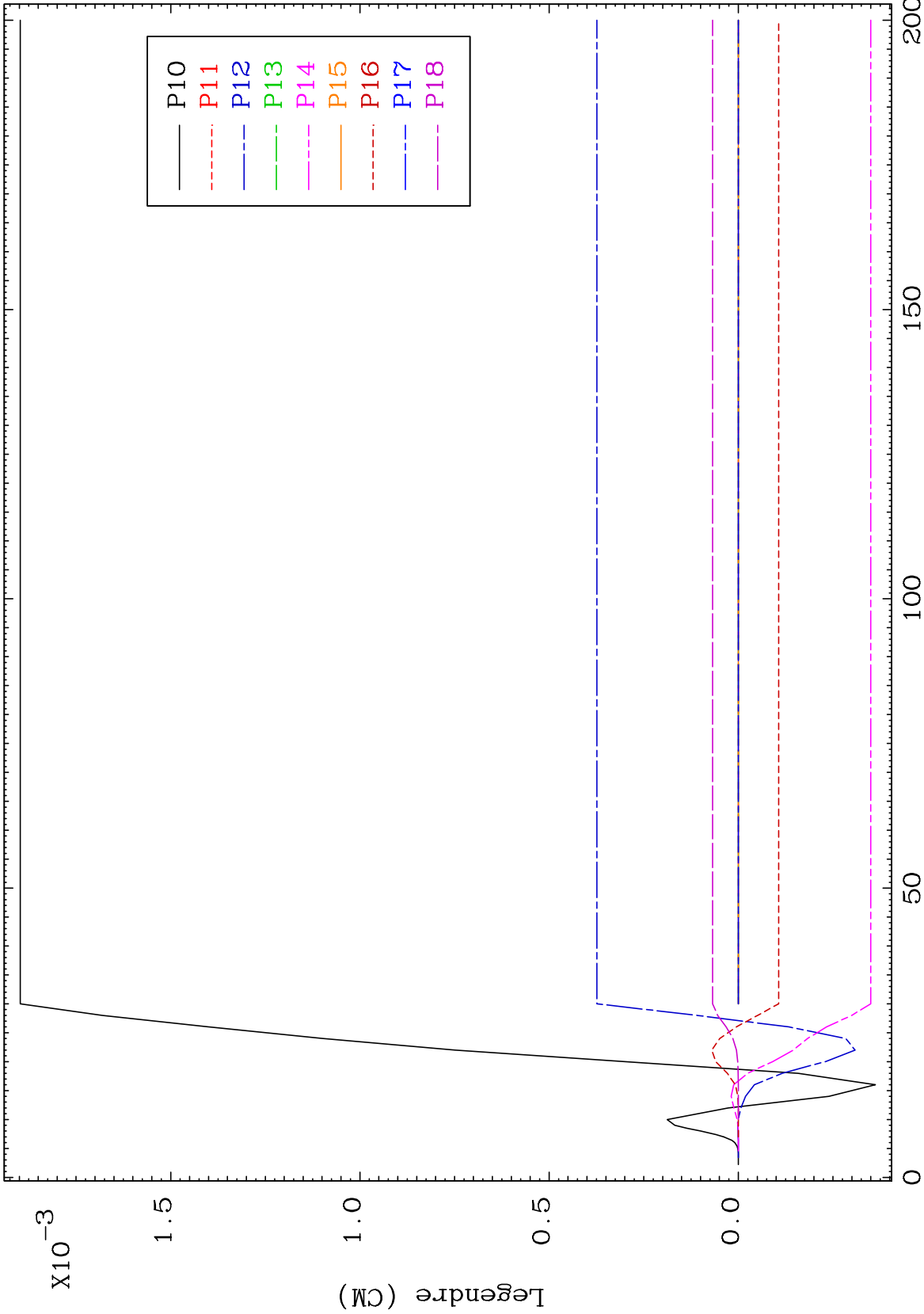


71 58-Ce-134

MAT 5819

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

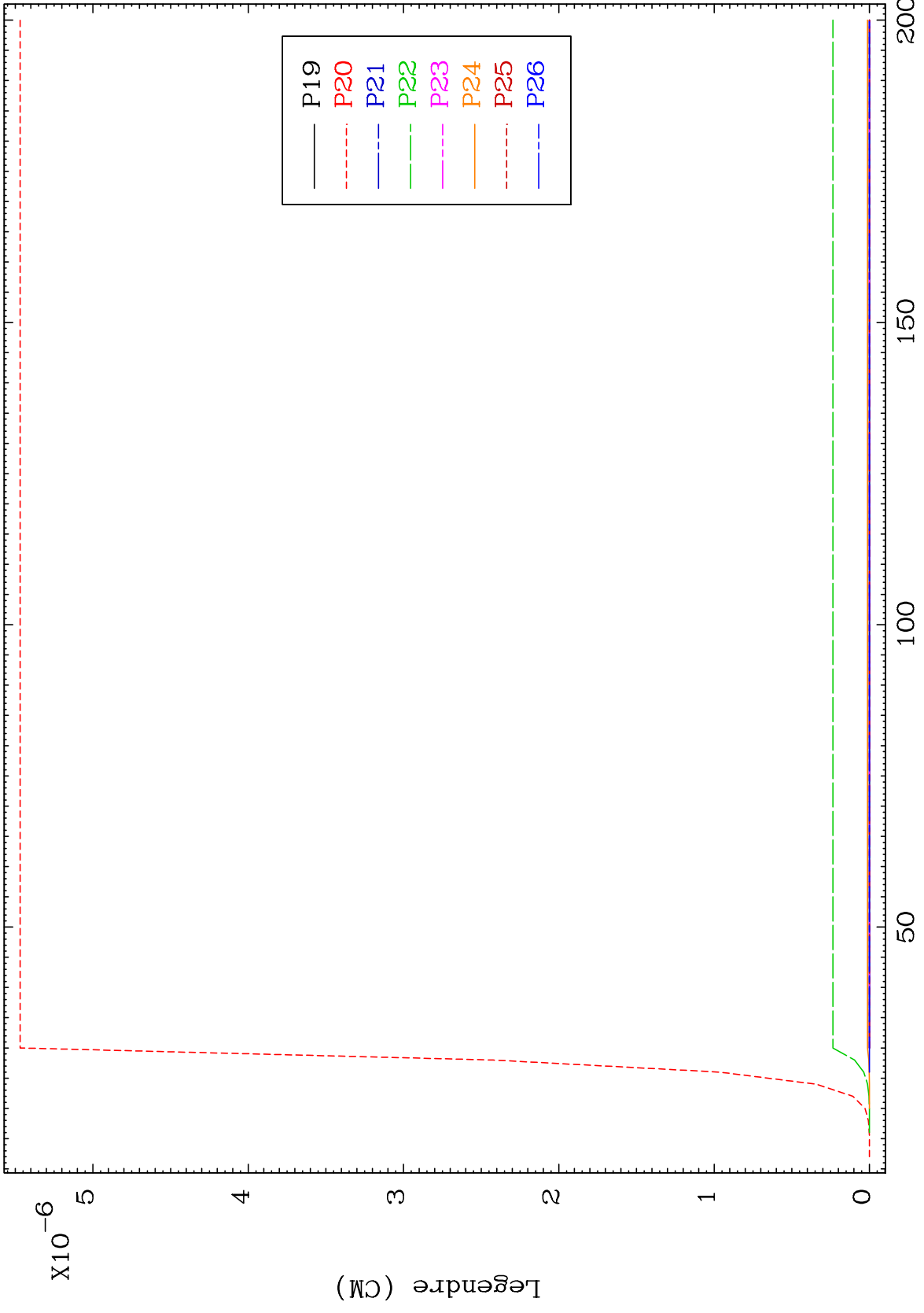
58-Ce-134



72

58-Ce-134

MAT 5819 MT= 65 (n,n') Level Legendre Coefficients 58-Ce-134

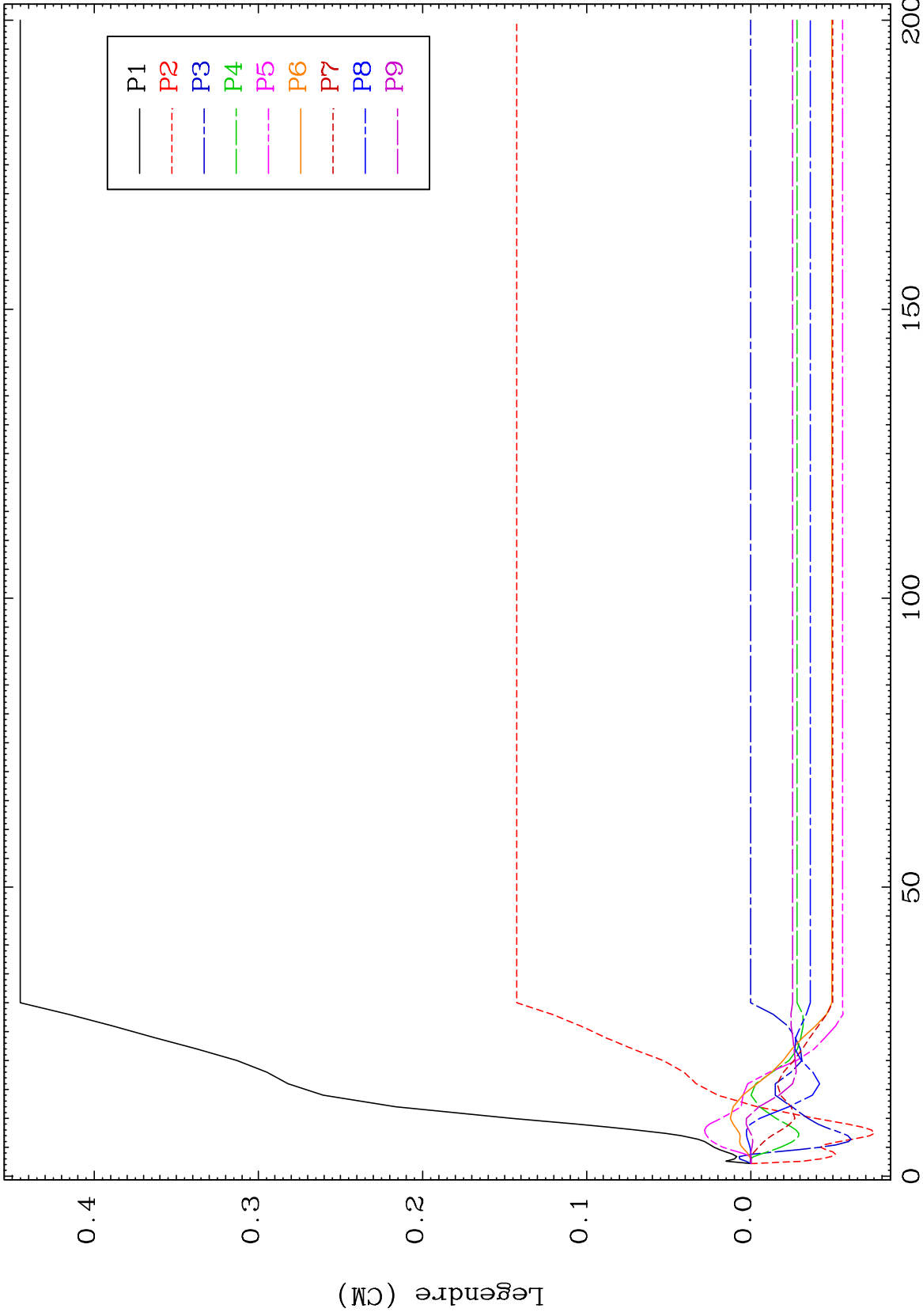


73 58-Ce-134

MAT 5819

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

58-Ce-134



74

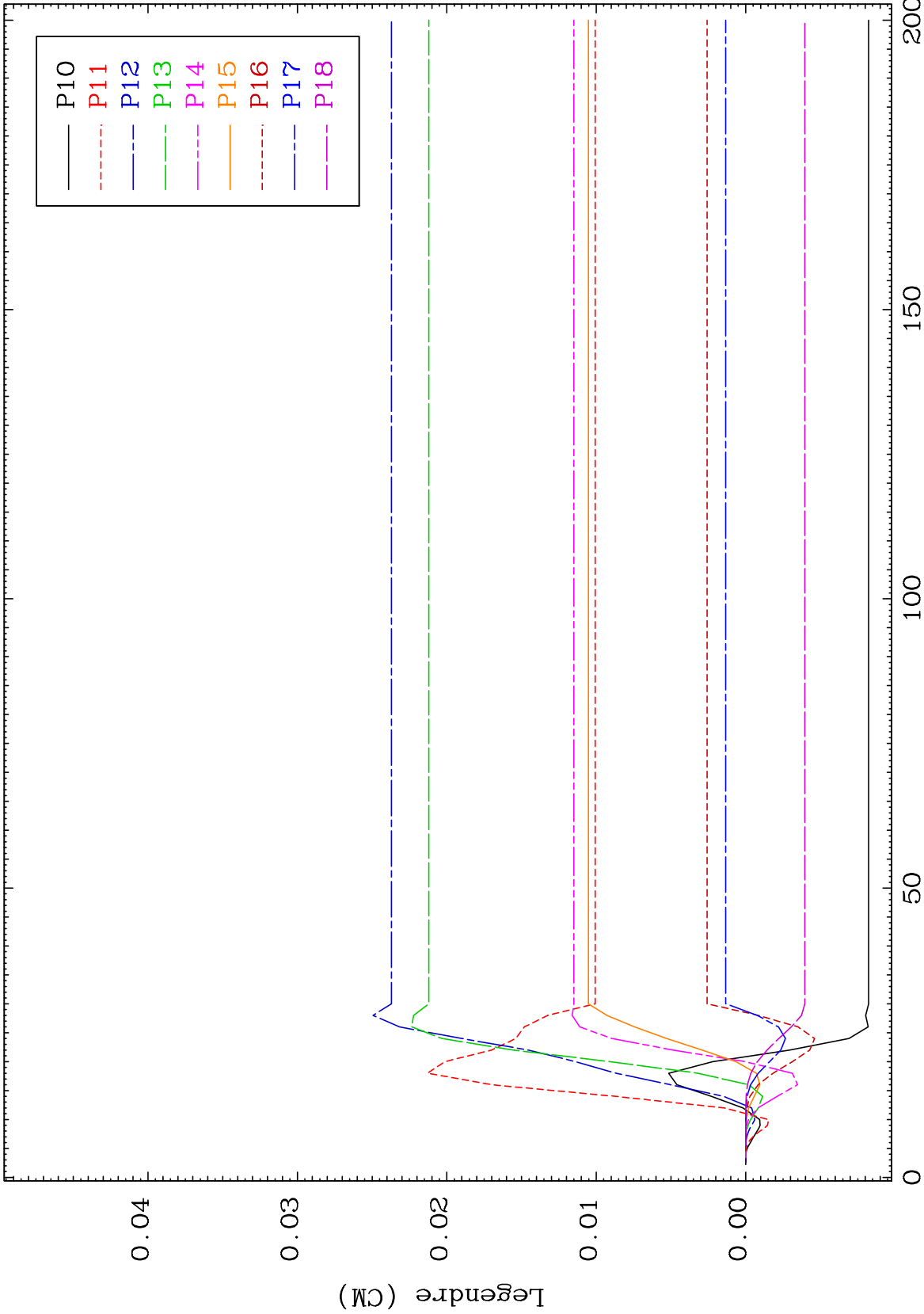
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



75

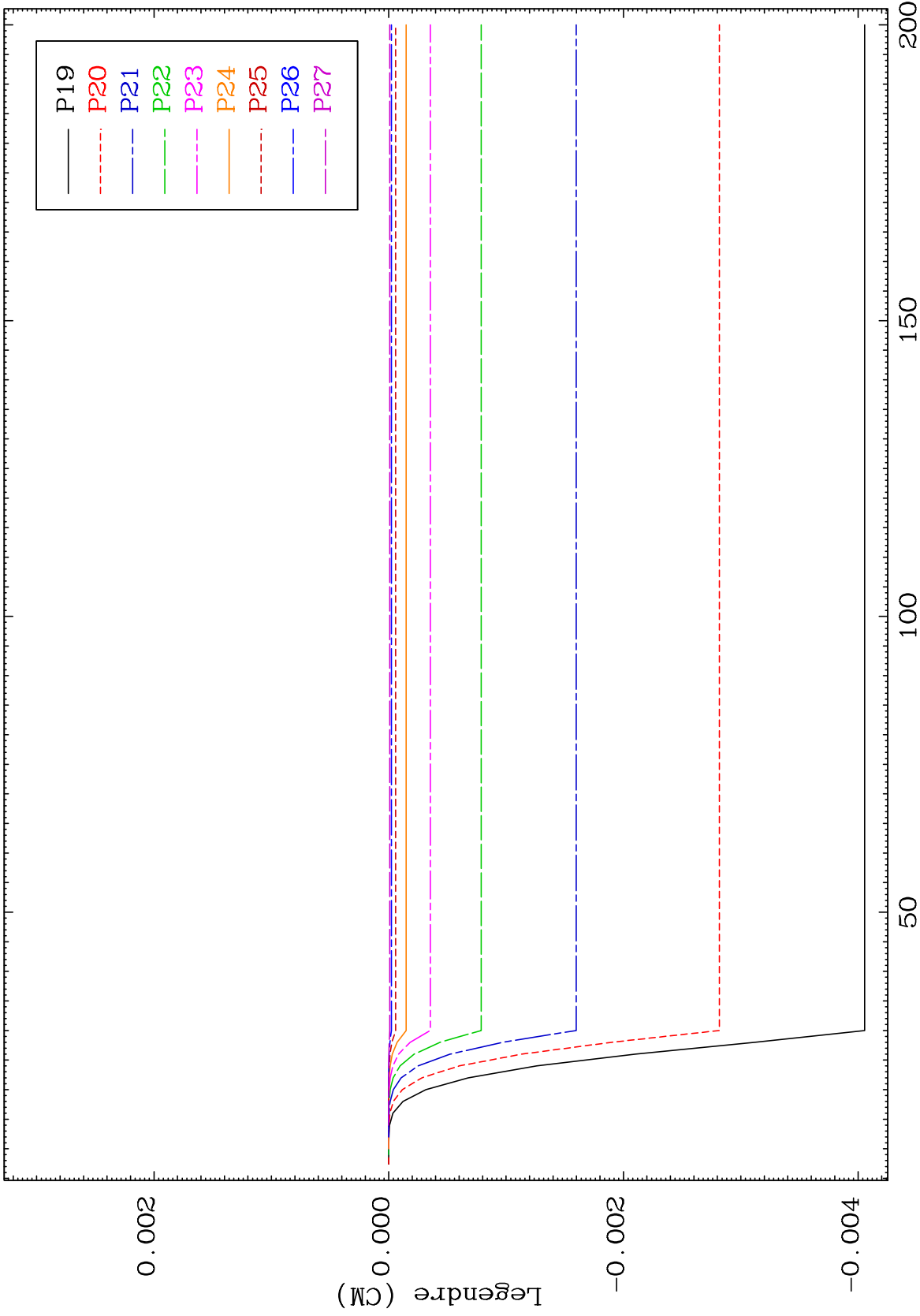
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



76

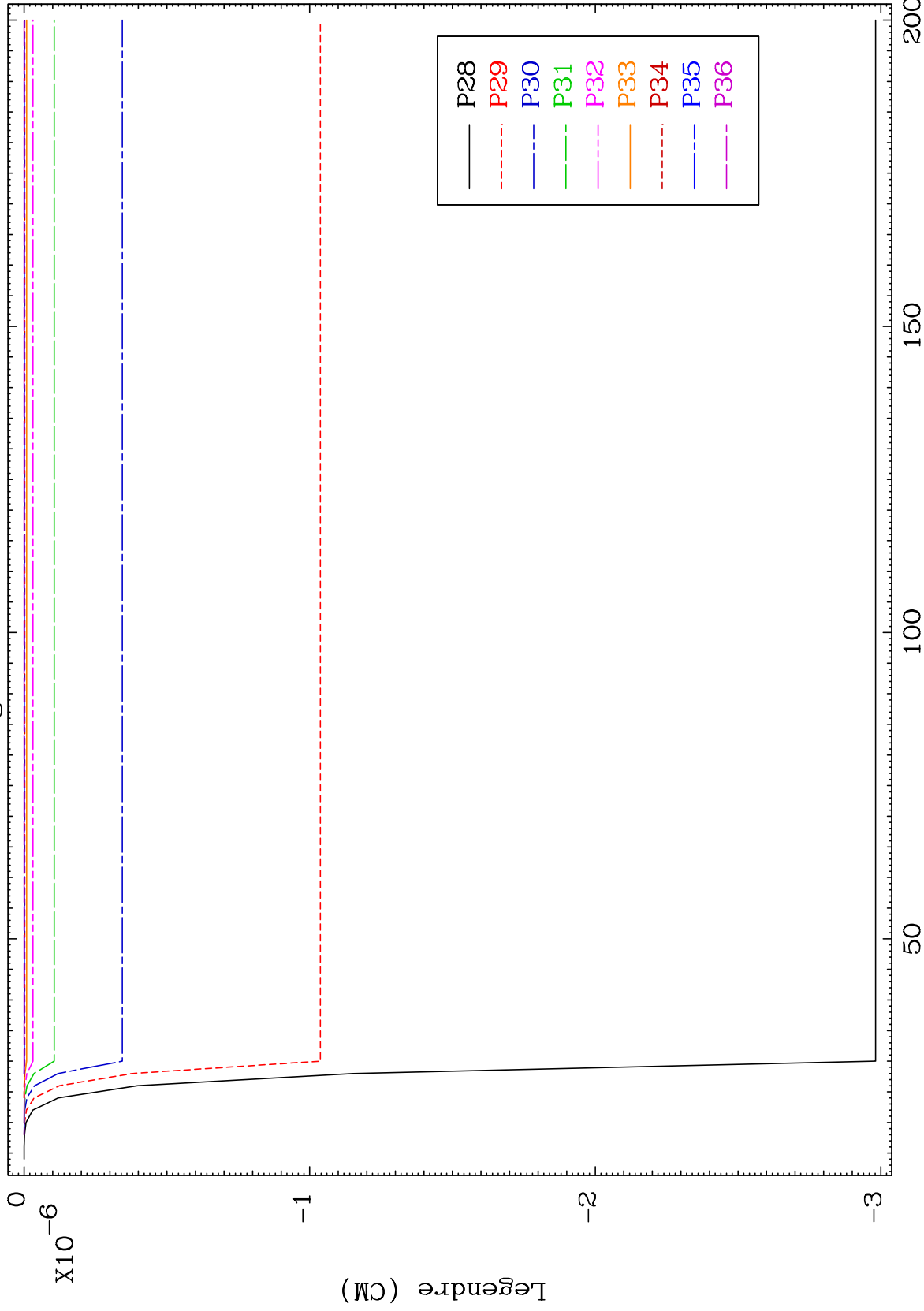
Incident Energy (MeV)

58-Ce-134

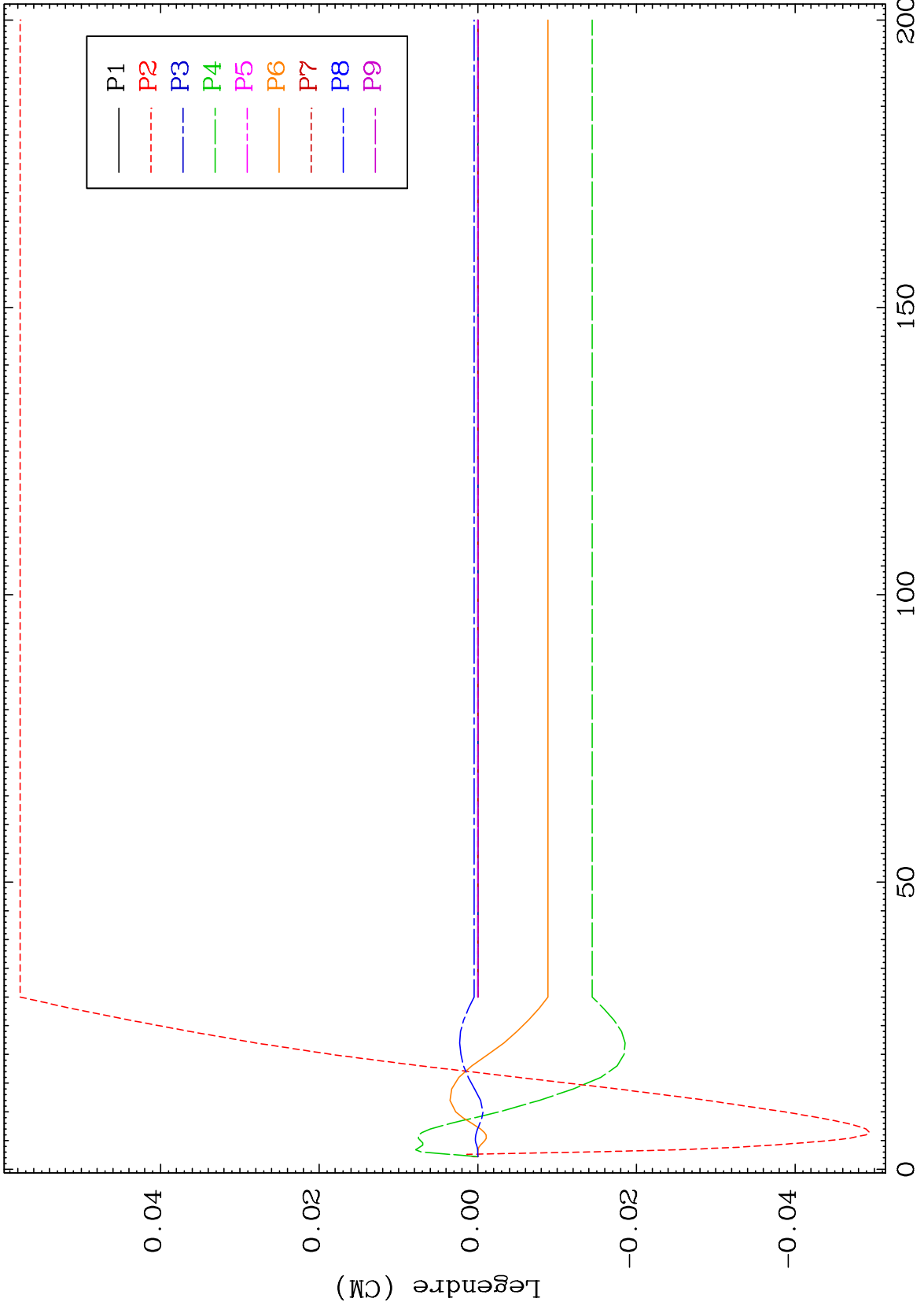
MAT 5819

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

58-Ce-134



MAT 5819 MT= 67 (n,n') Level Legendre Coefficients 58-Ce-134

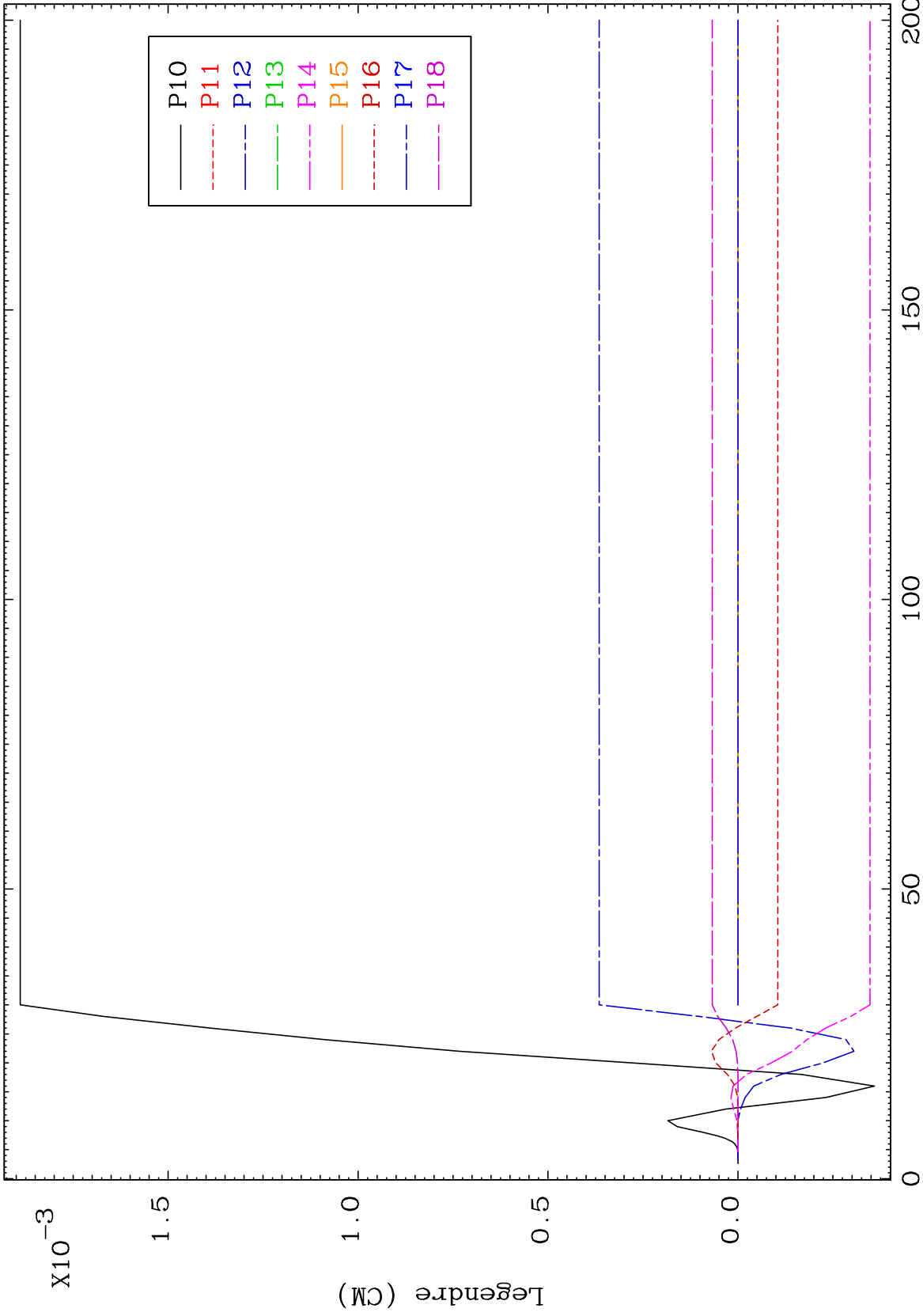


78 Incident Energy (MeV) 58-Ce-134

MAT 5819

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

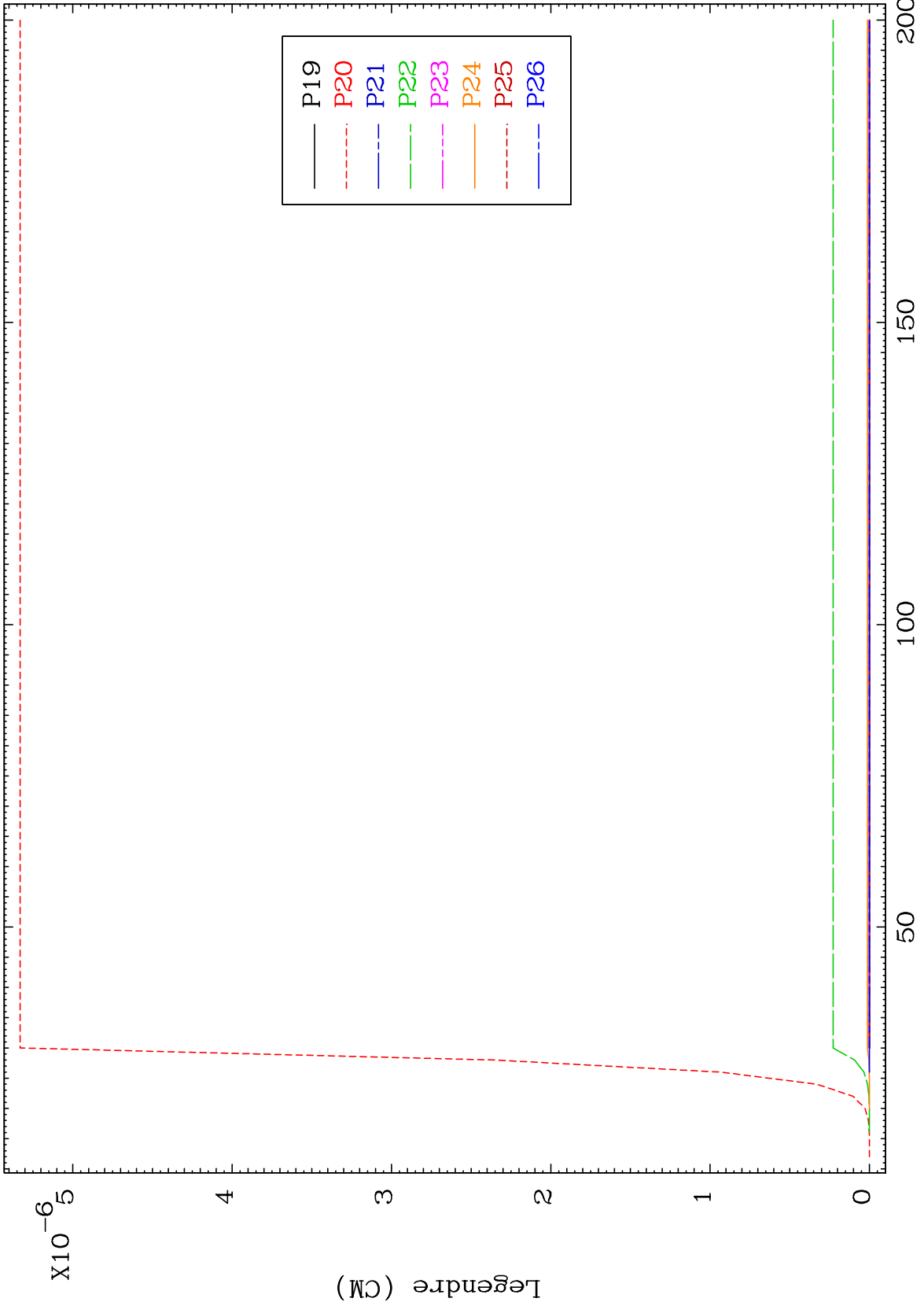
58-Ce-134



79

58-Ce-134

MAT 5819 MT= 67 (n,n') Level Legendre Coefficients 58-Ce-134

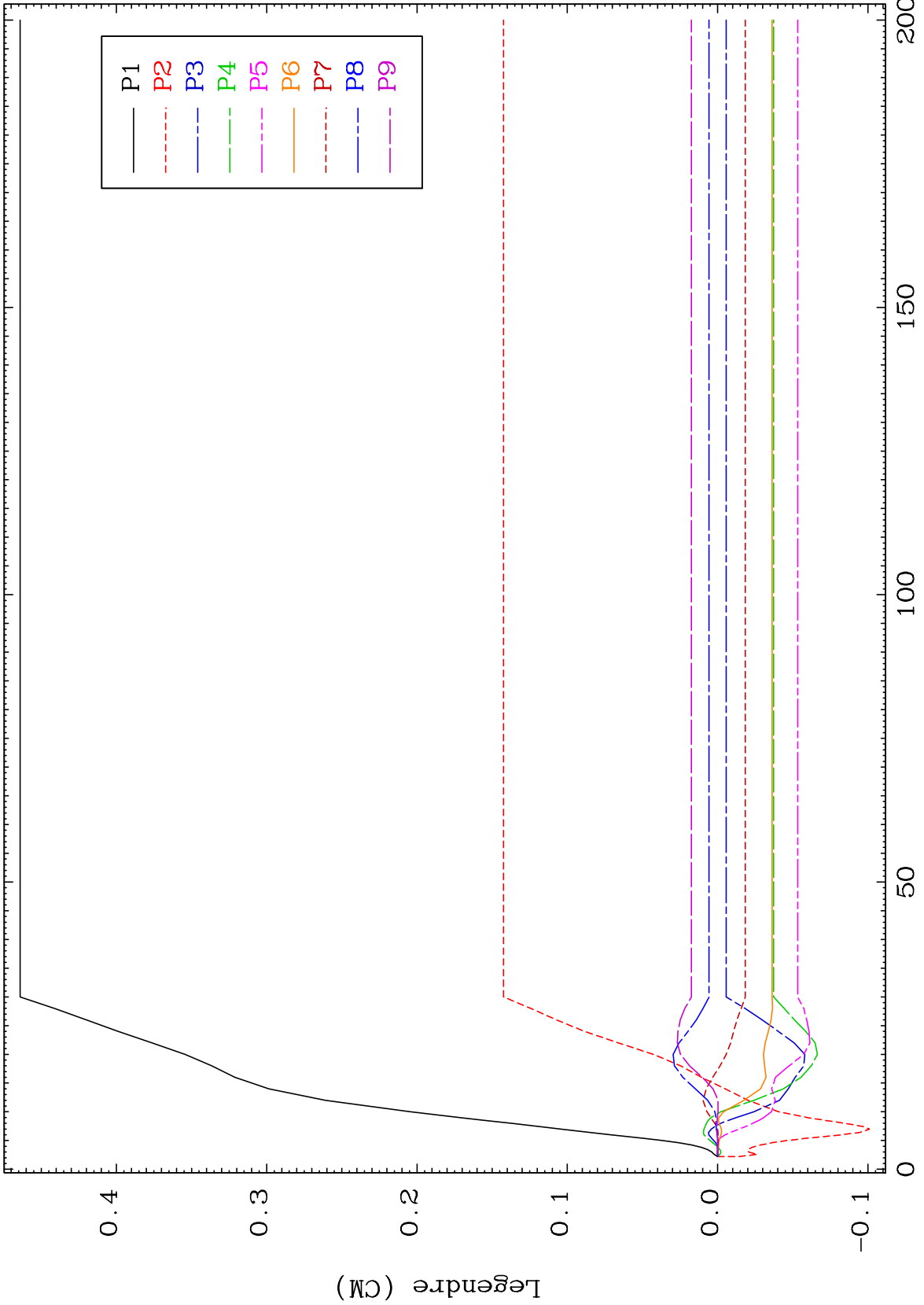


80 50 100 150 200 Incident Energy (MeV) 58-Ce-134

MAT 5819

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

58-Ce-134



81

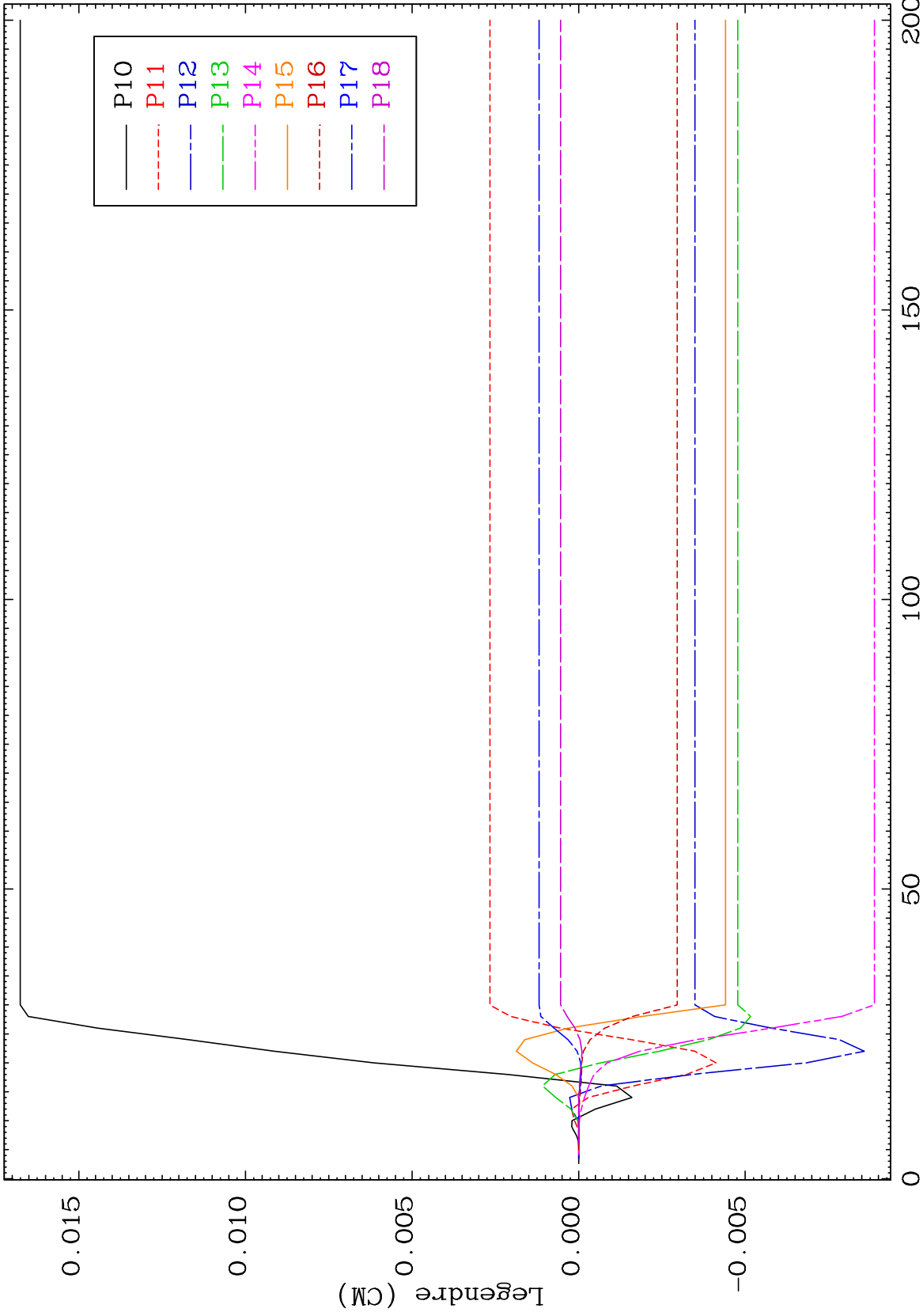
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



82

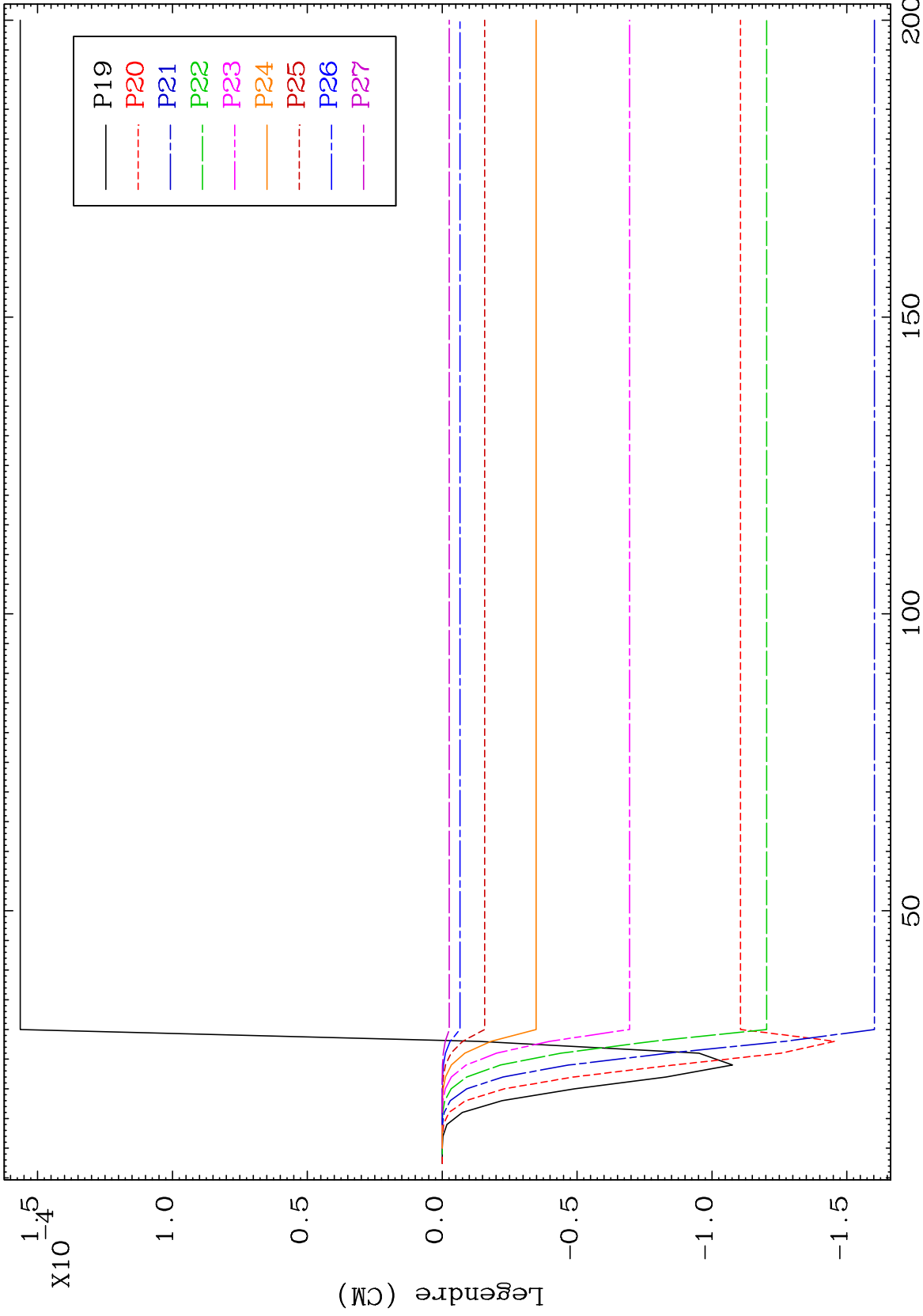
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



83

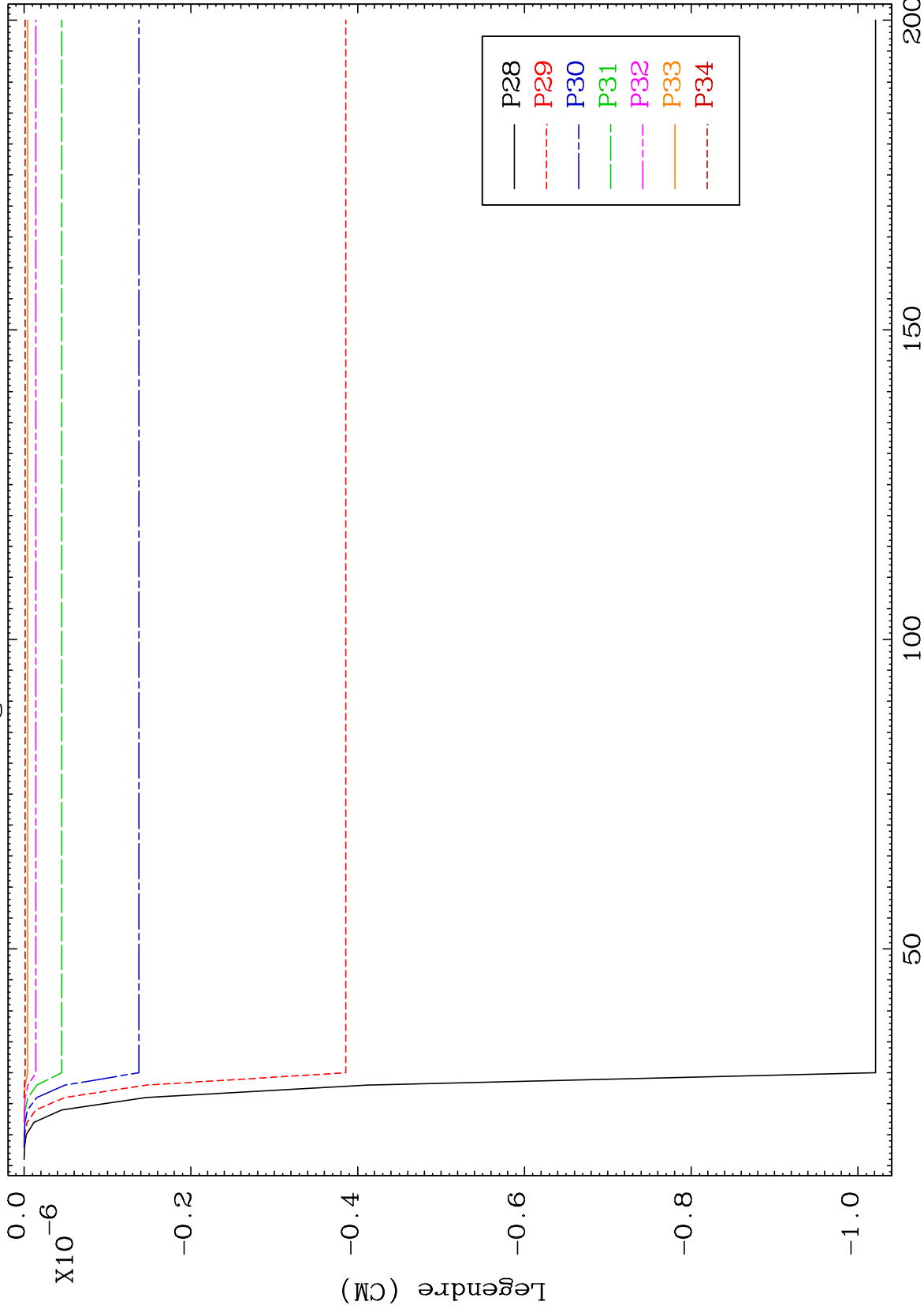
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

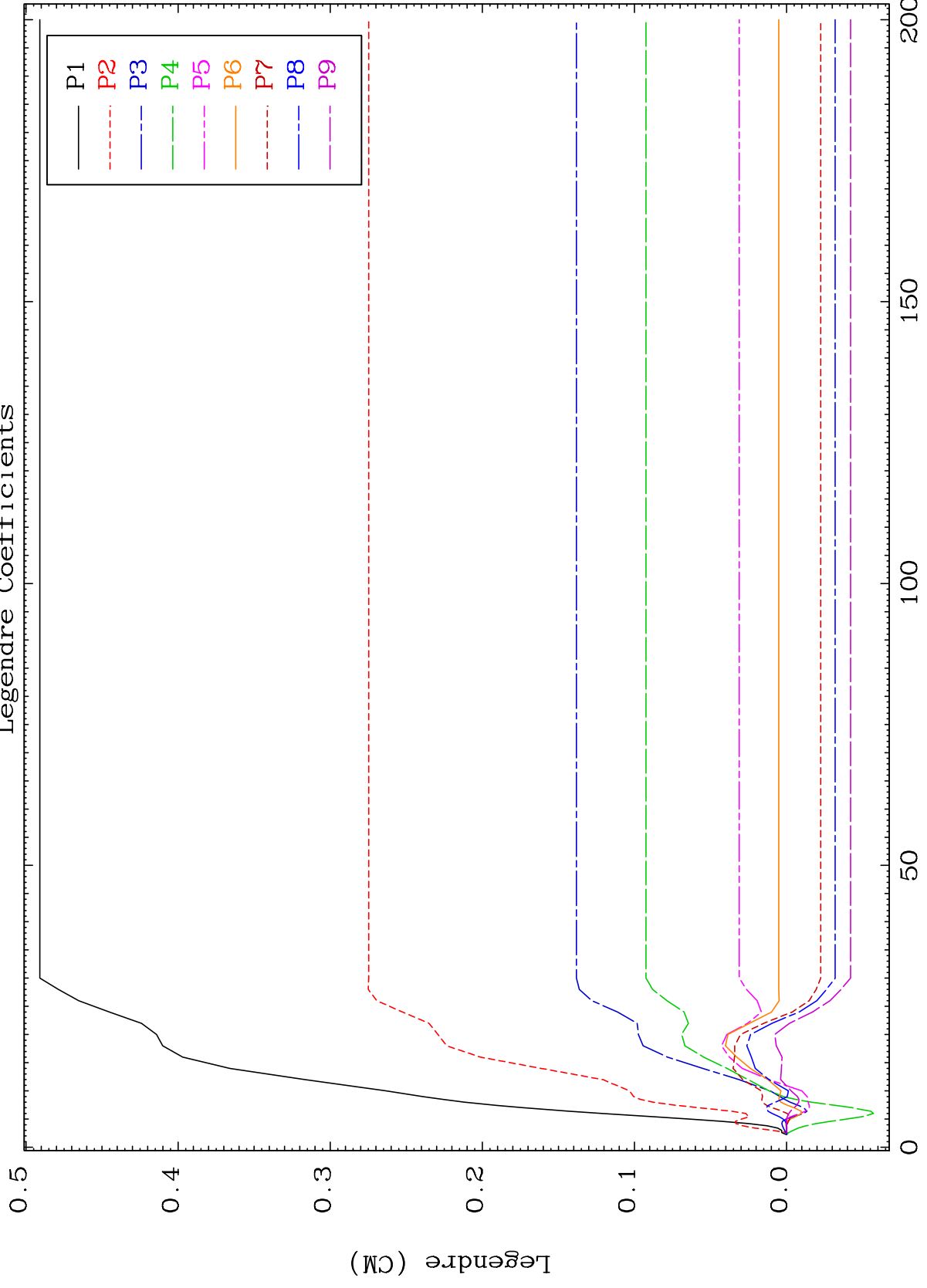
58-Ce-134



84

58-Ce-134

MAT 5819 MT= 69 (n,n') Level Legendre Coefficients 58-Ce-134

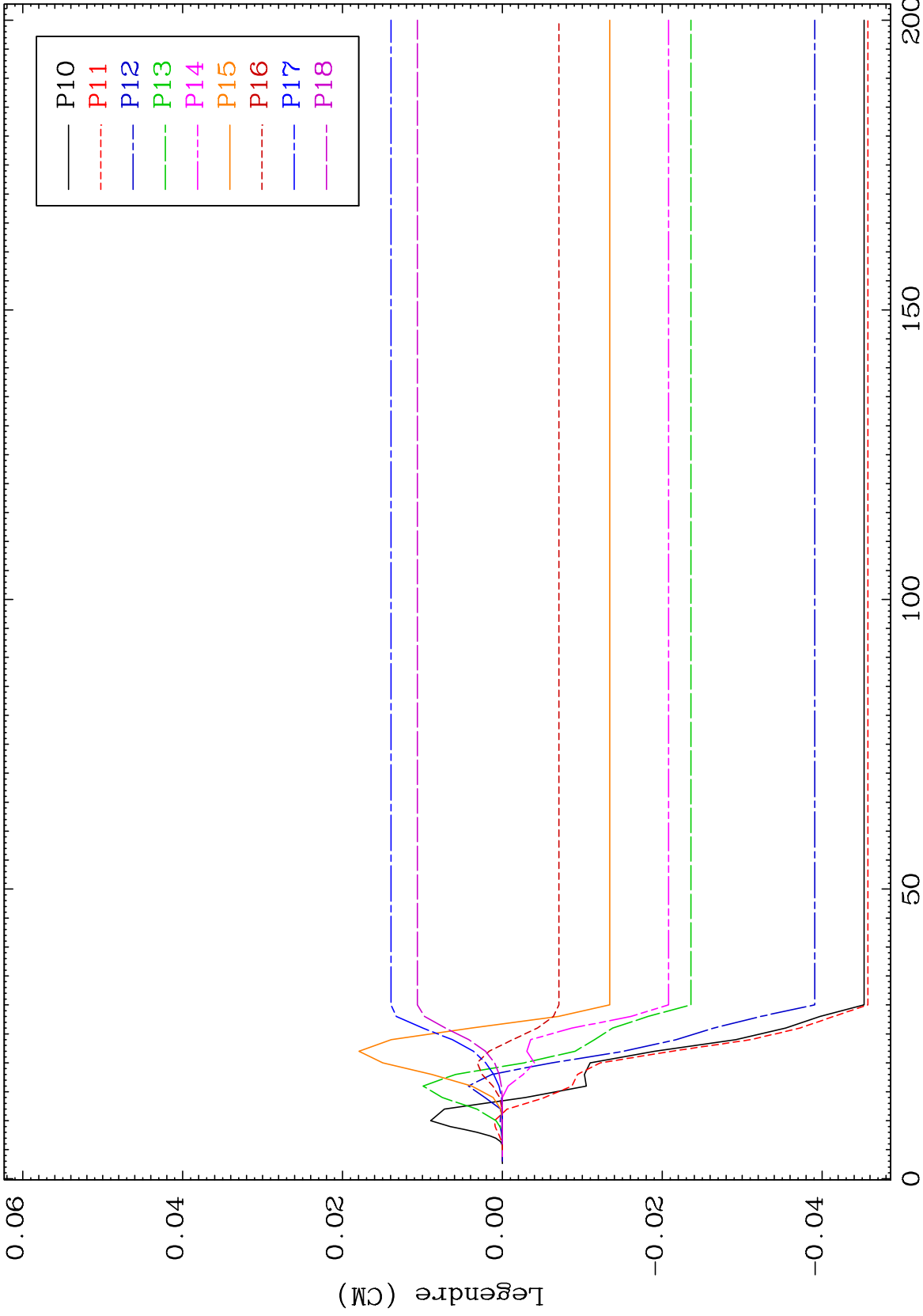


85 58-Ce-134

MAT 5819

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

58-Ce-134



86

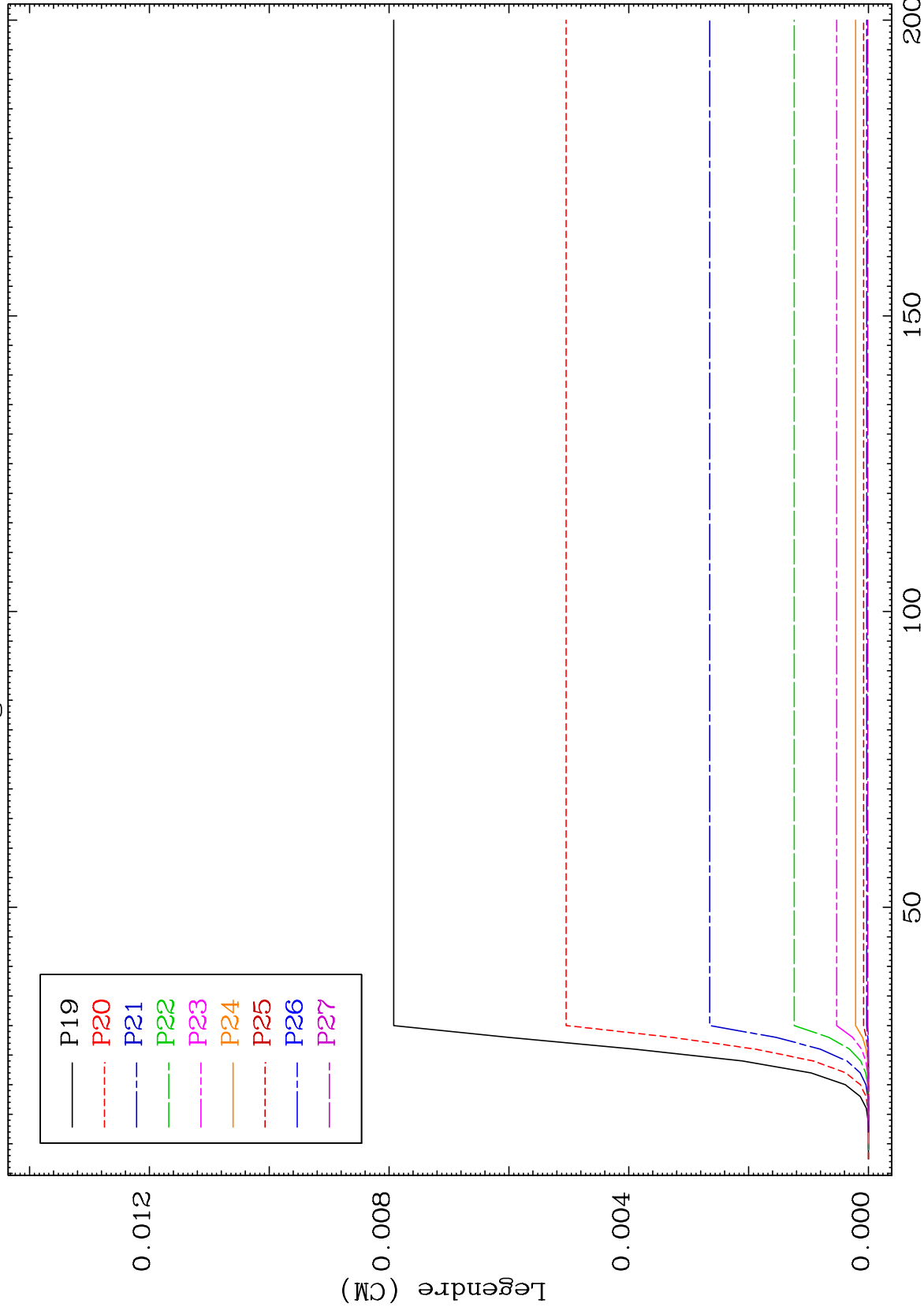
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



87

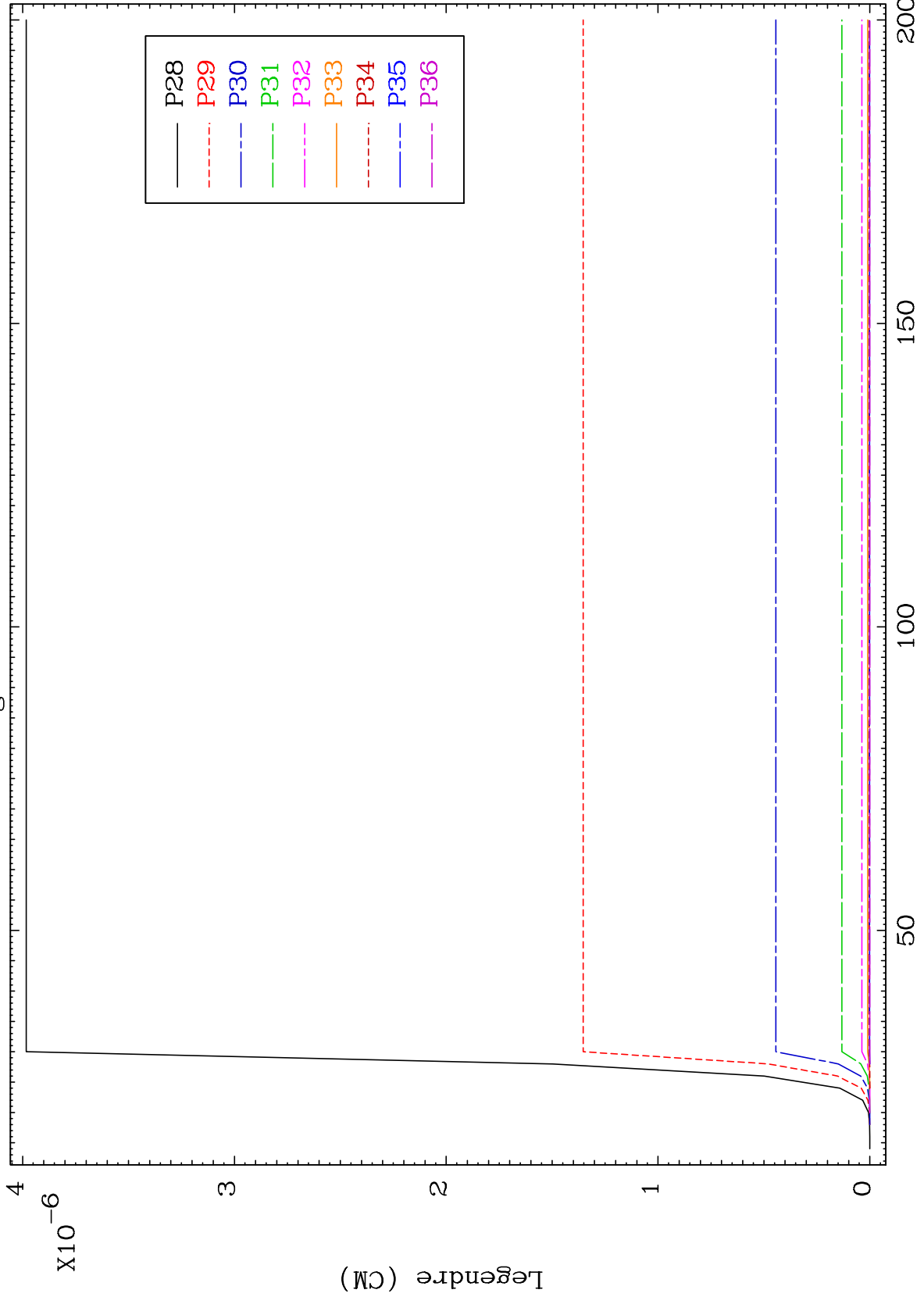
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



88

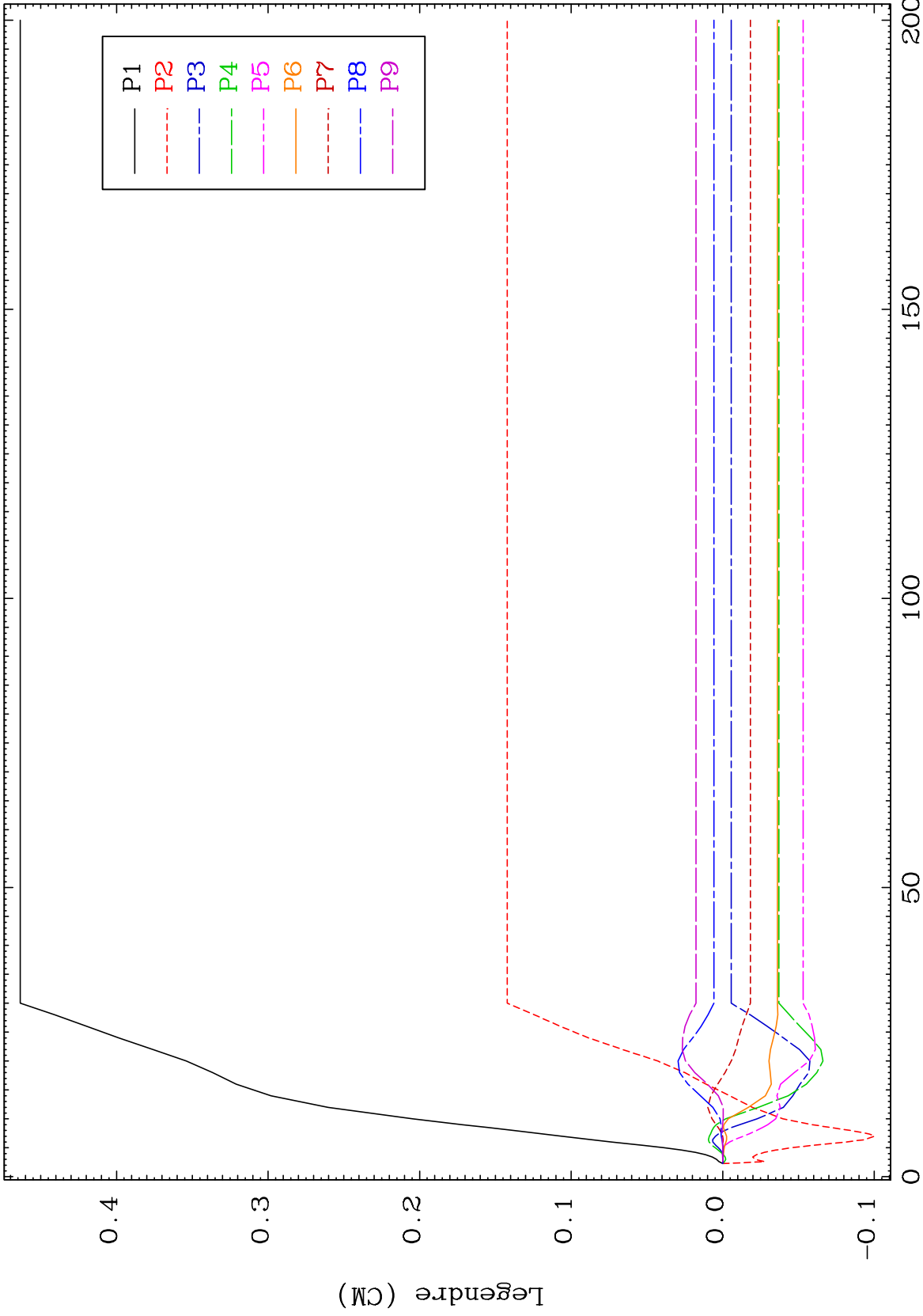
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



89

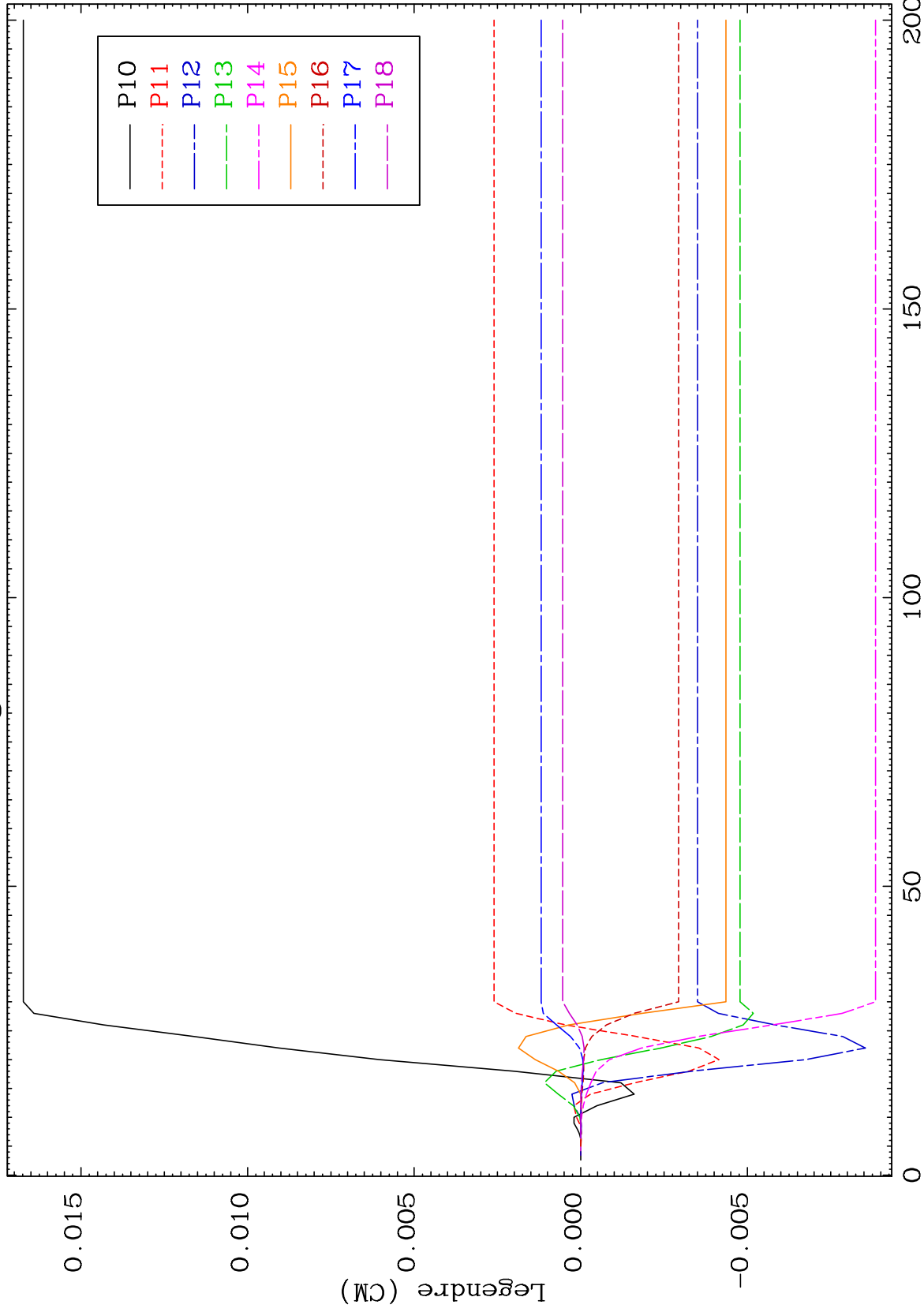
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



90

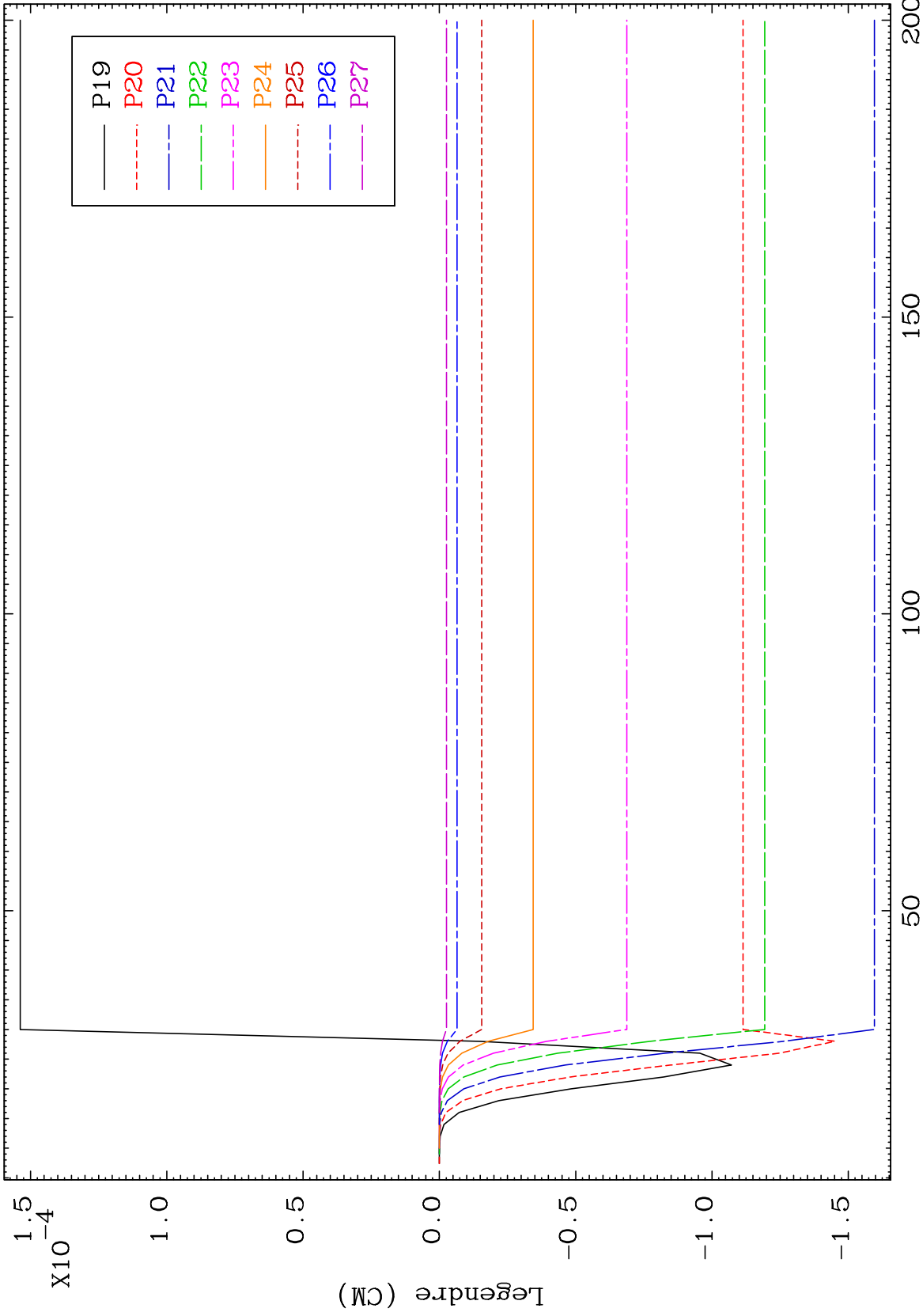
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



91

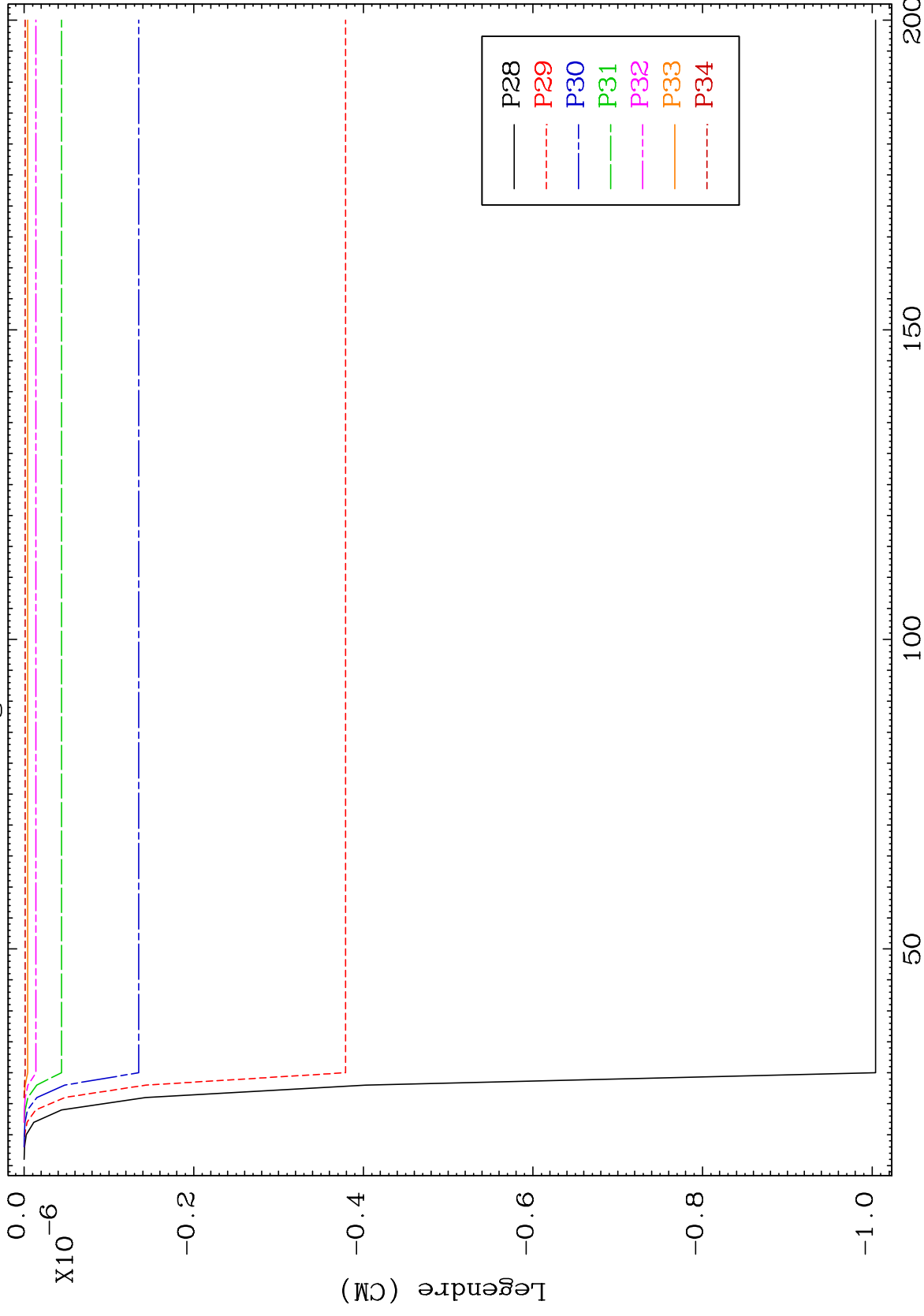
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



58-Ce-134

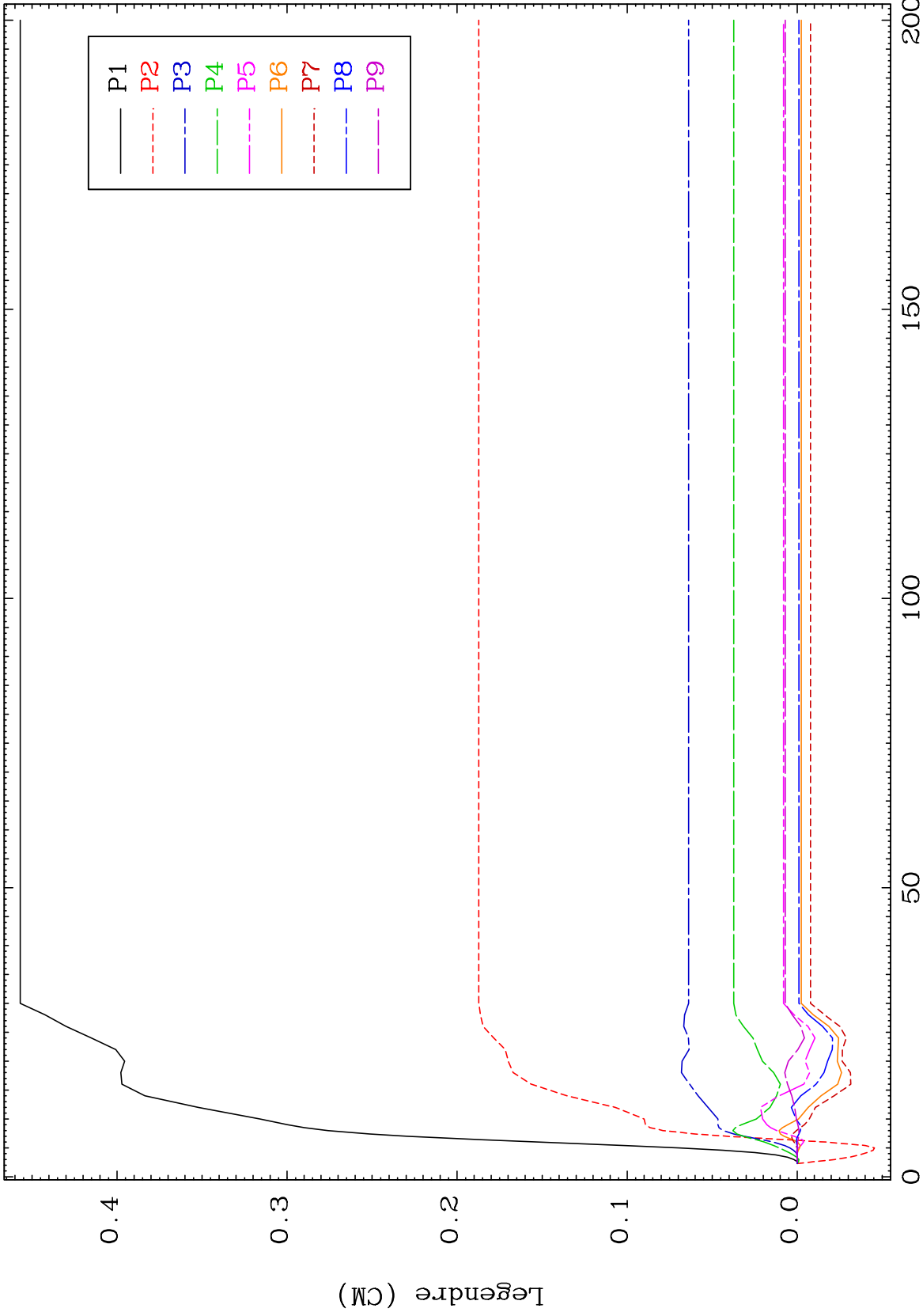
Incident Energy (MeV)

92

MAT 5819

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

58-Ce-134



93

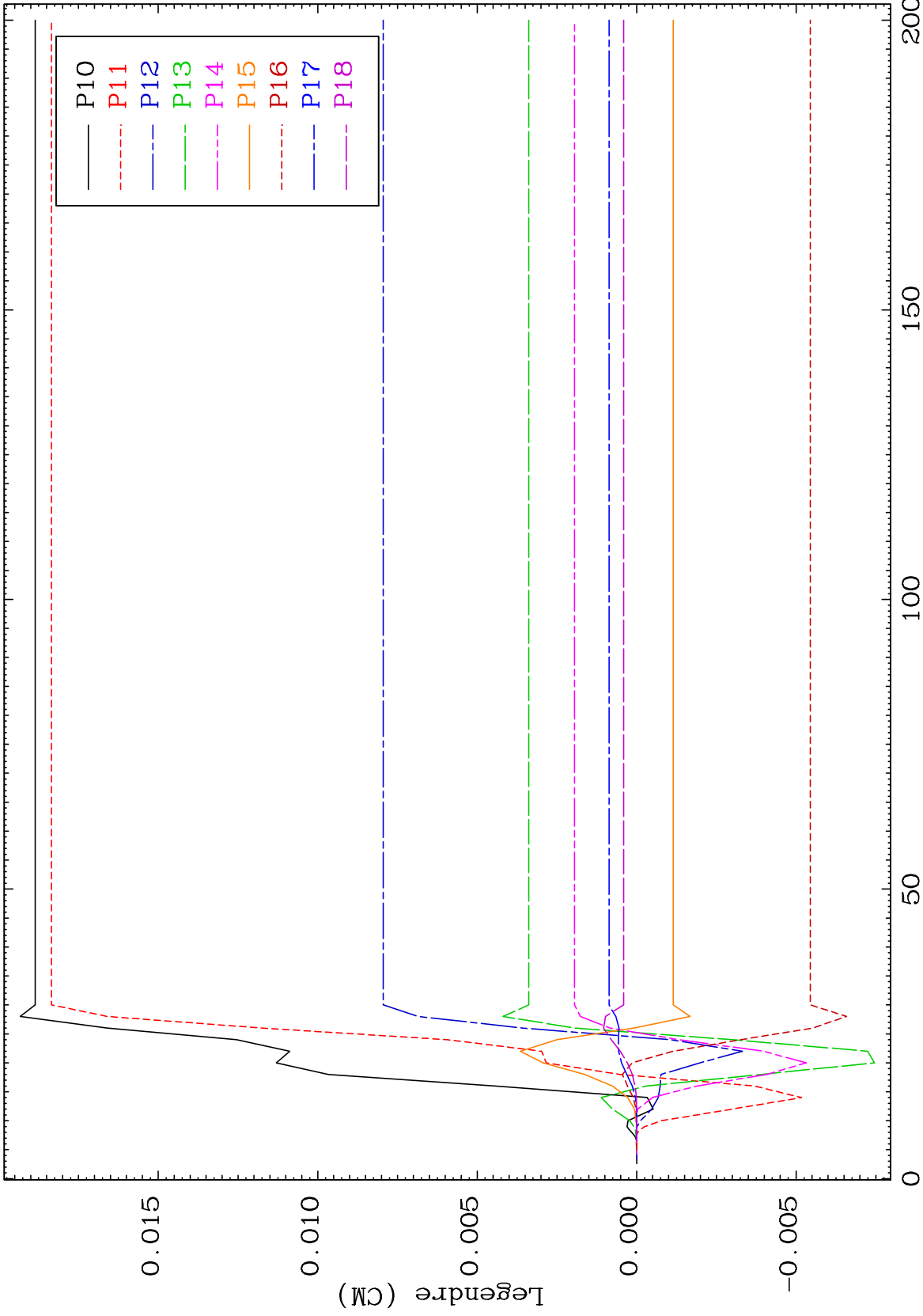
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



94

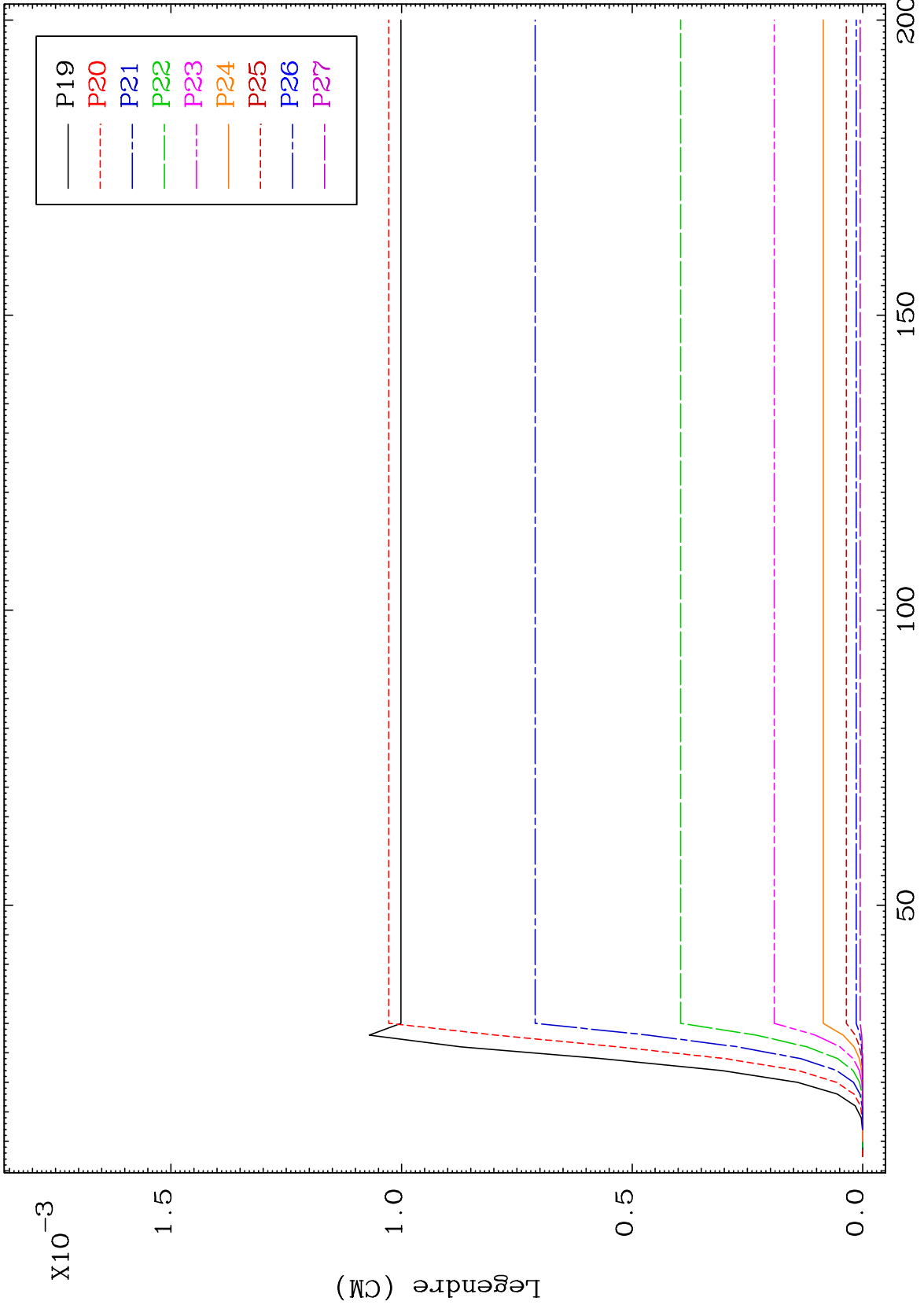
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



95

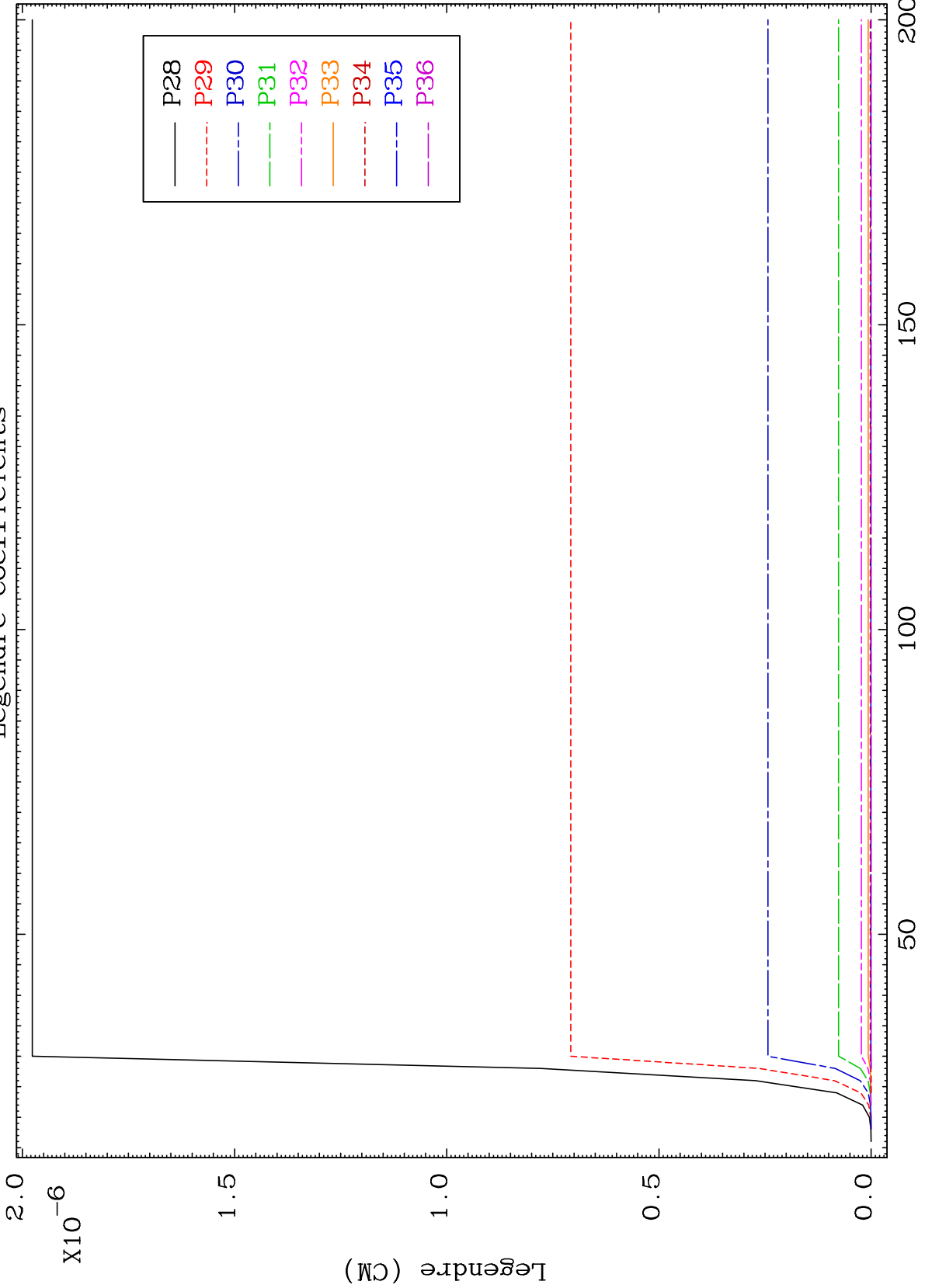
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134

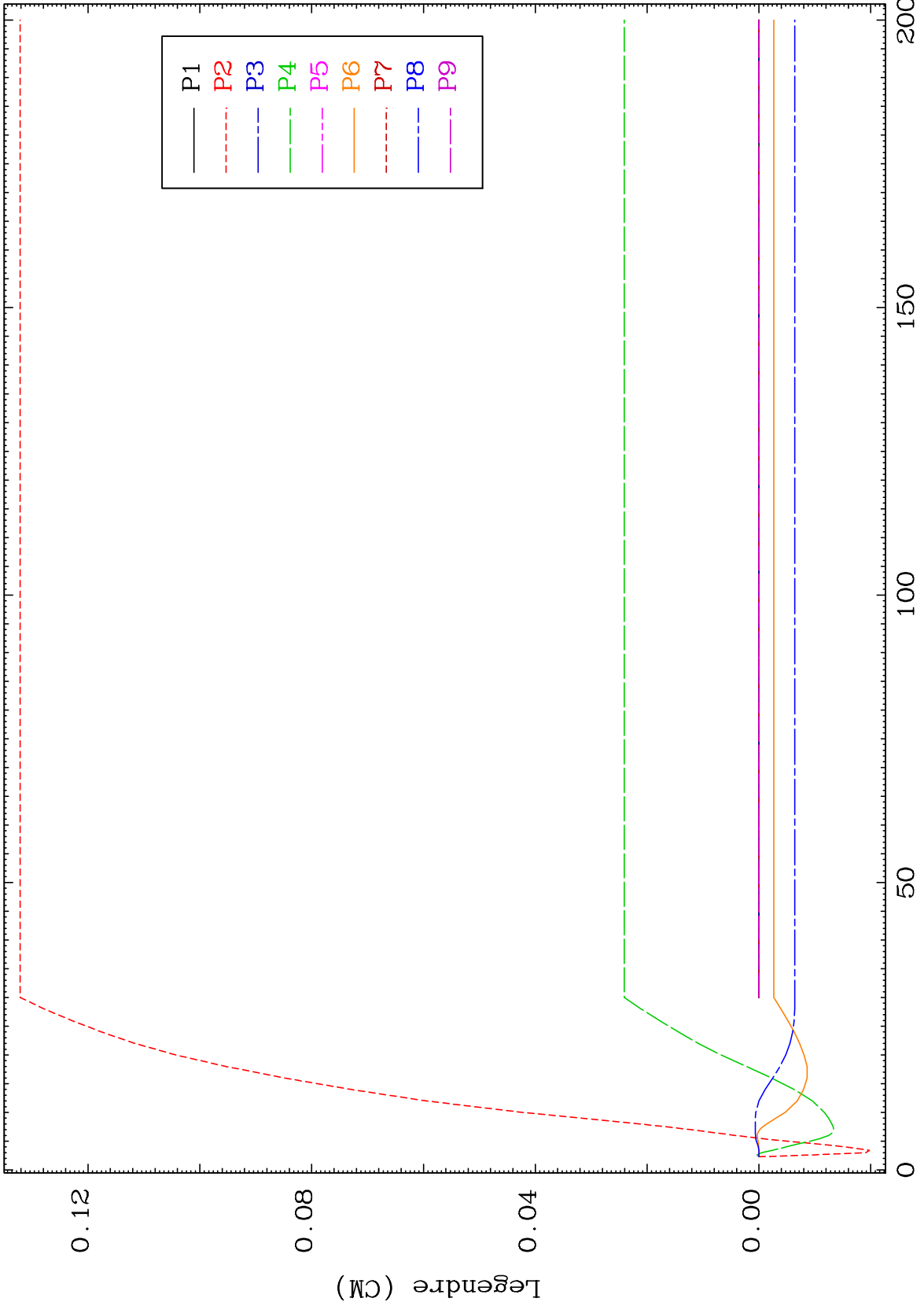


96

Incident Energy (MeV)

58-Ce-134

MAT 5819 MT= 72 (n,n') Level Legendre Coefficients 58-Ce-134

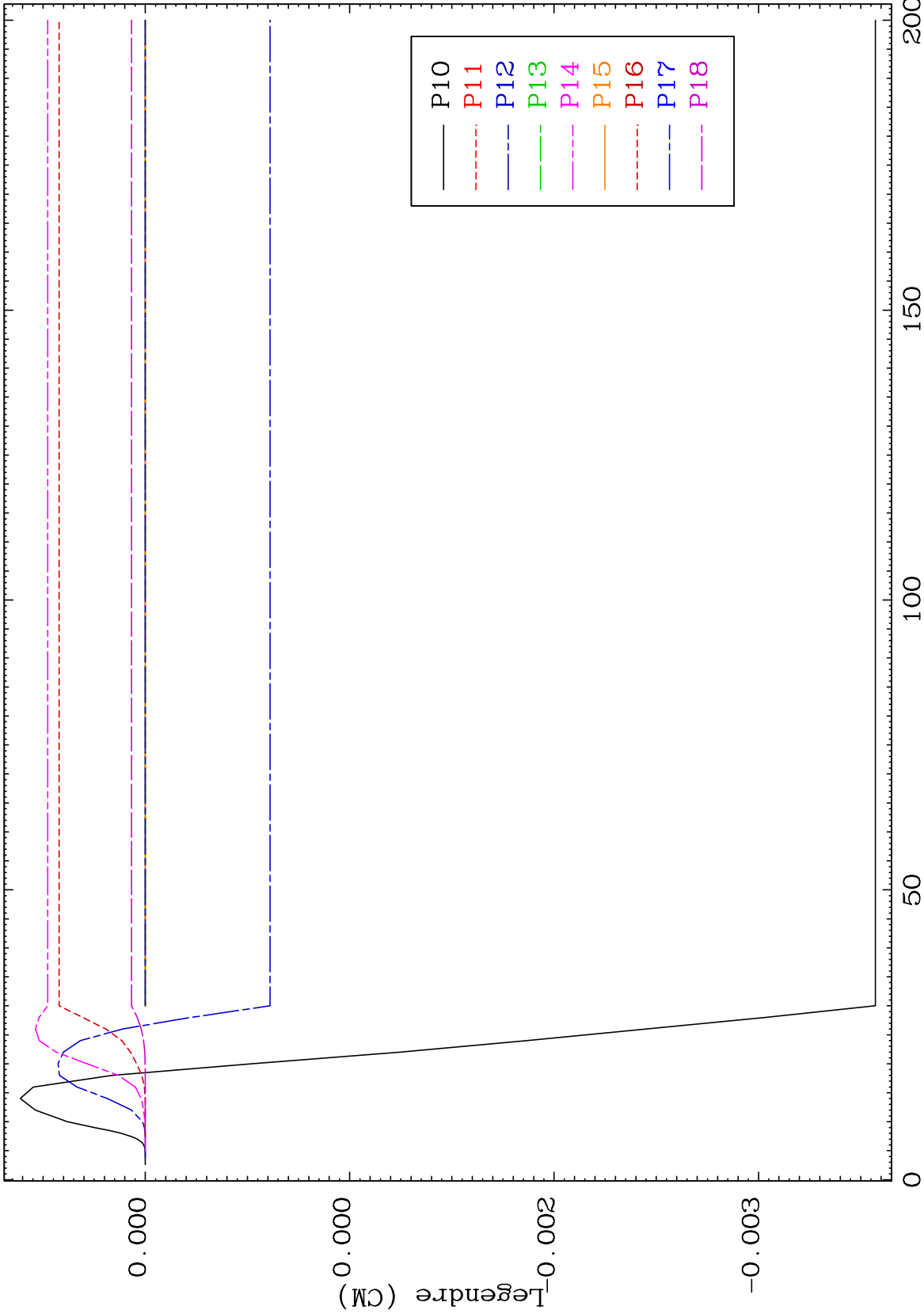


97 58-Ce-134

MAT 5819

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

58-Ce-134

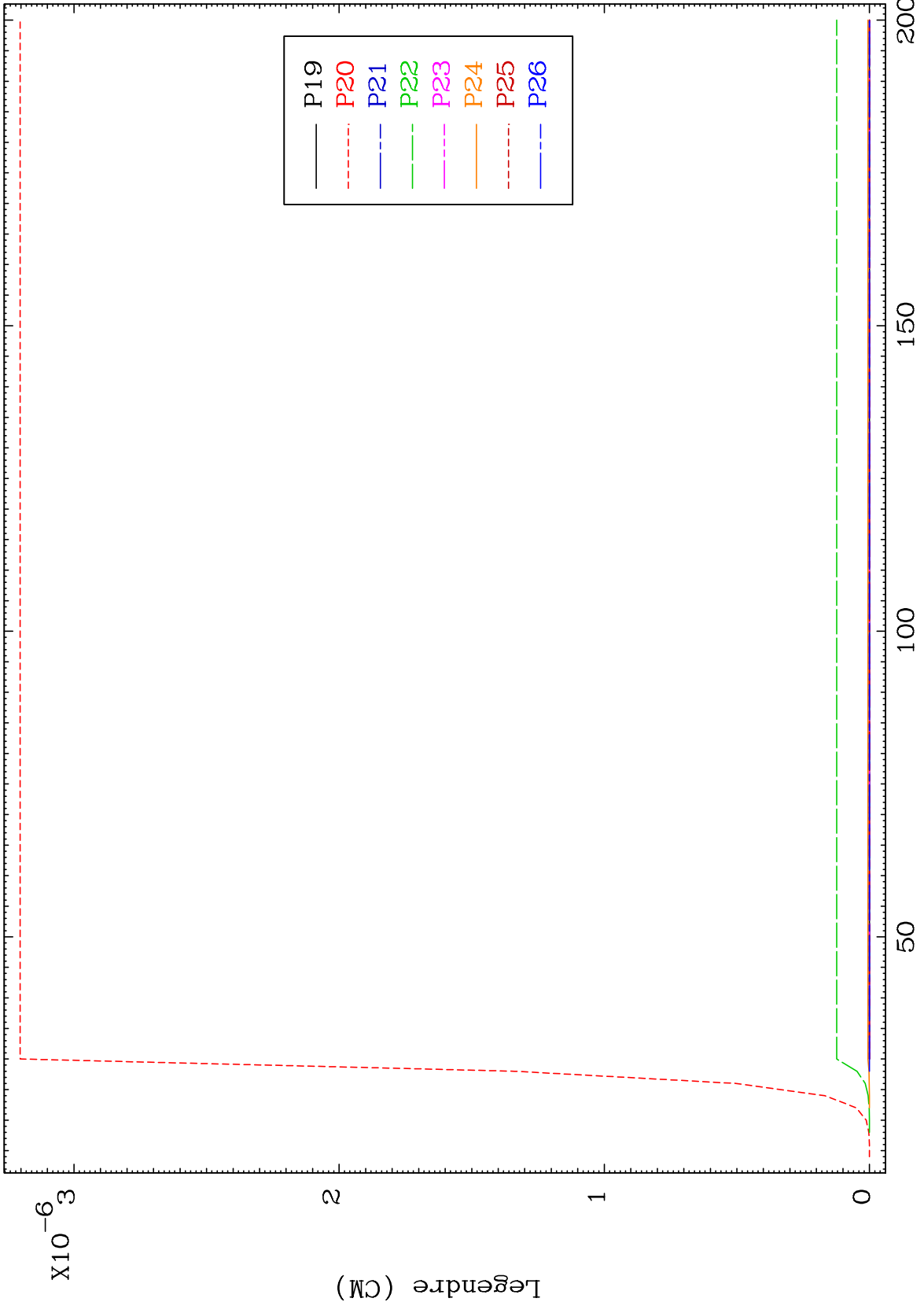


98

Incident Energy (MeV)

58-Ce-134

MAT 5819 MT= 72 (n,n') Level Legendre Coefficients 58-Ce-134

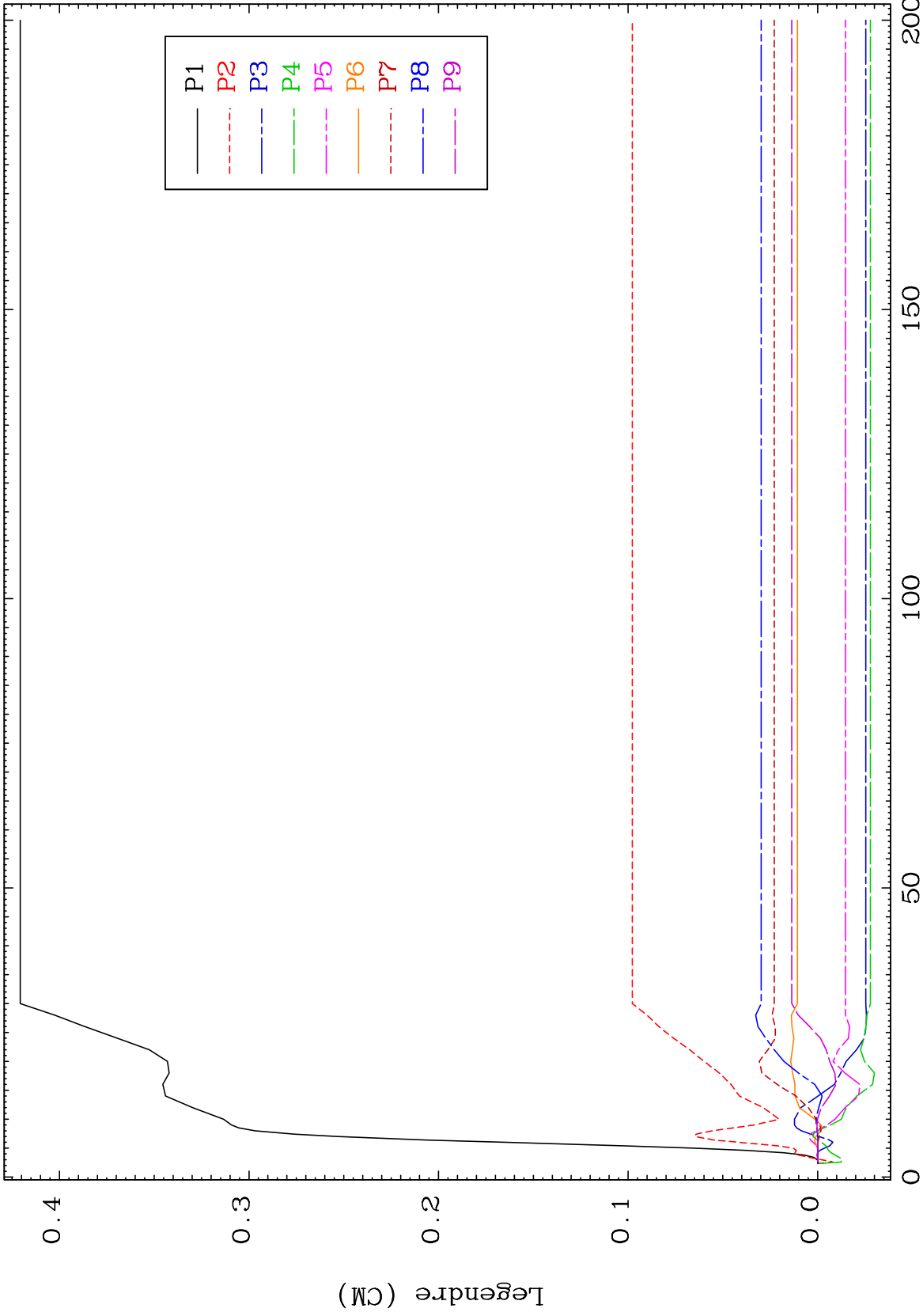


99 58-Ce-134

MAT 5819

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

58-Ce-134



58-Ce-134

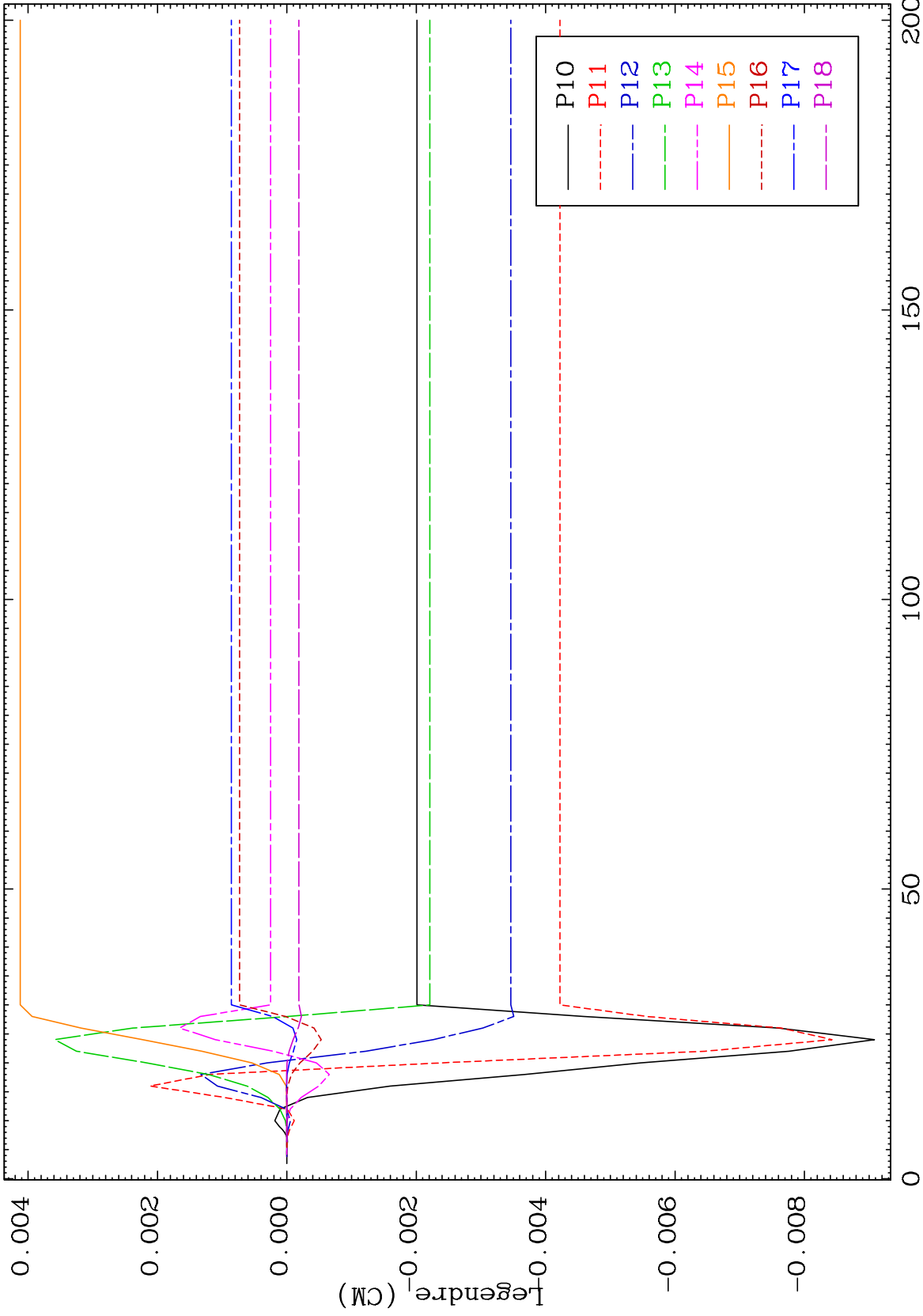
Incident Energy (MeV)

100

MAT 5819

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

58-Ce-134



101

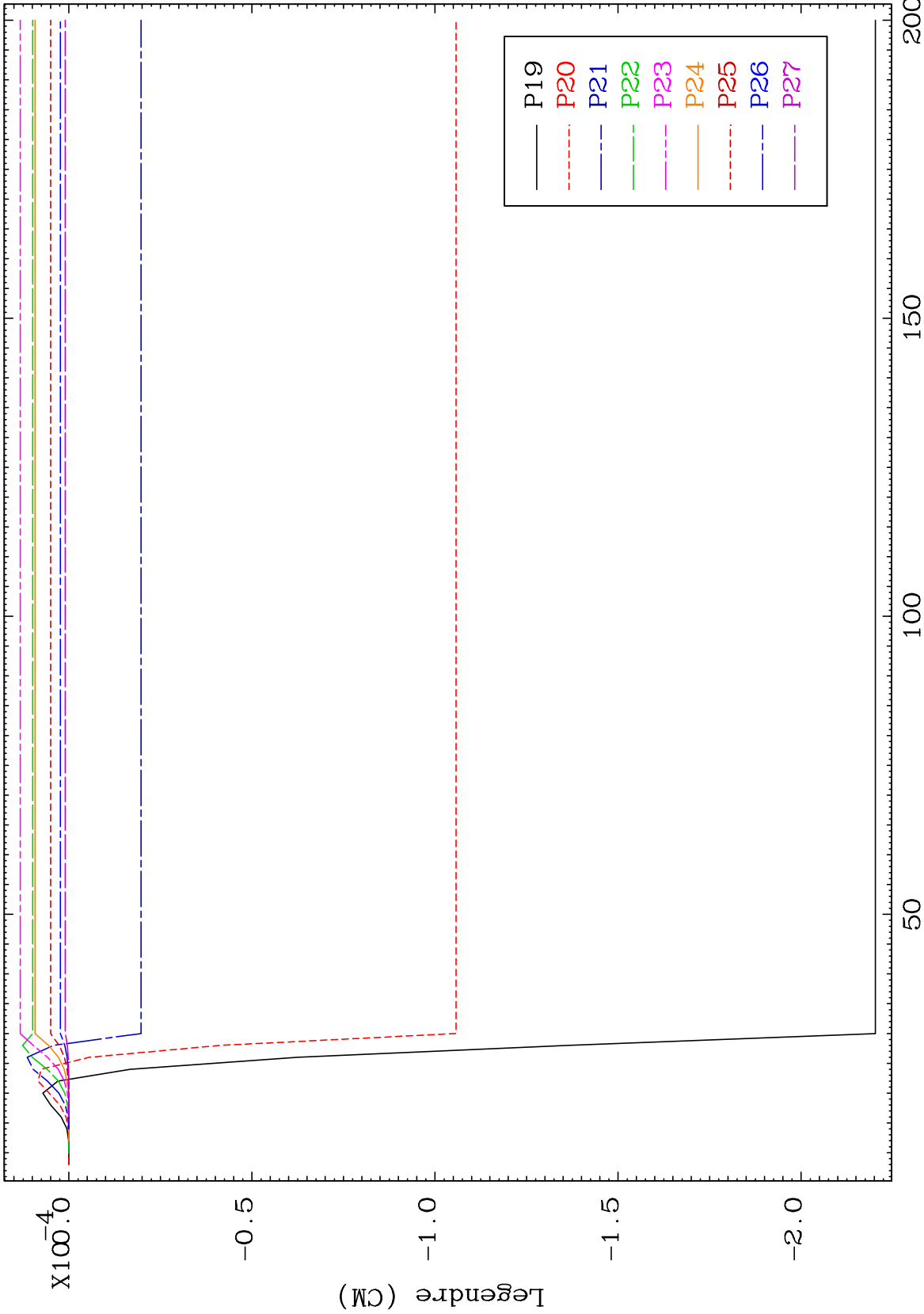
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



102

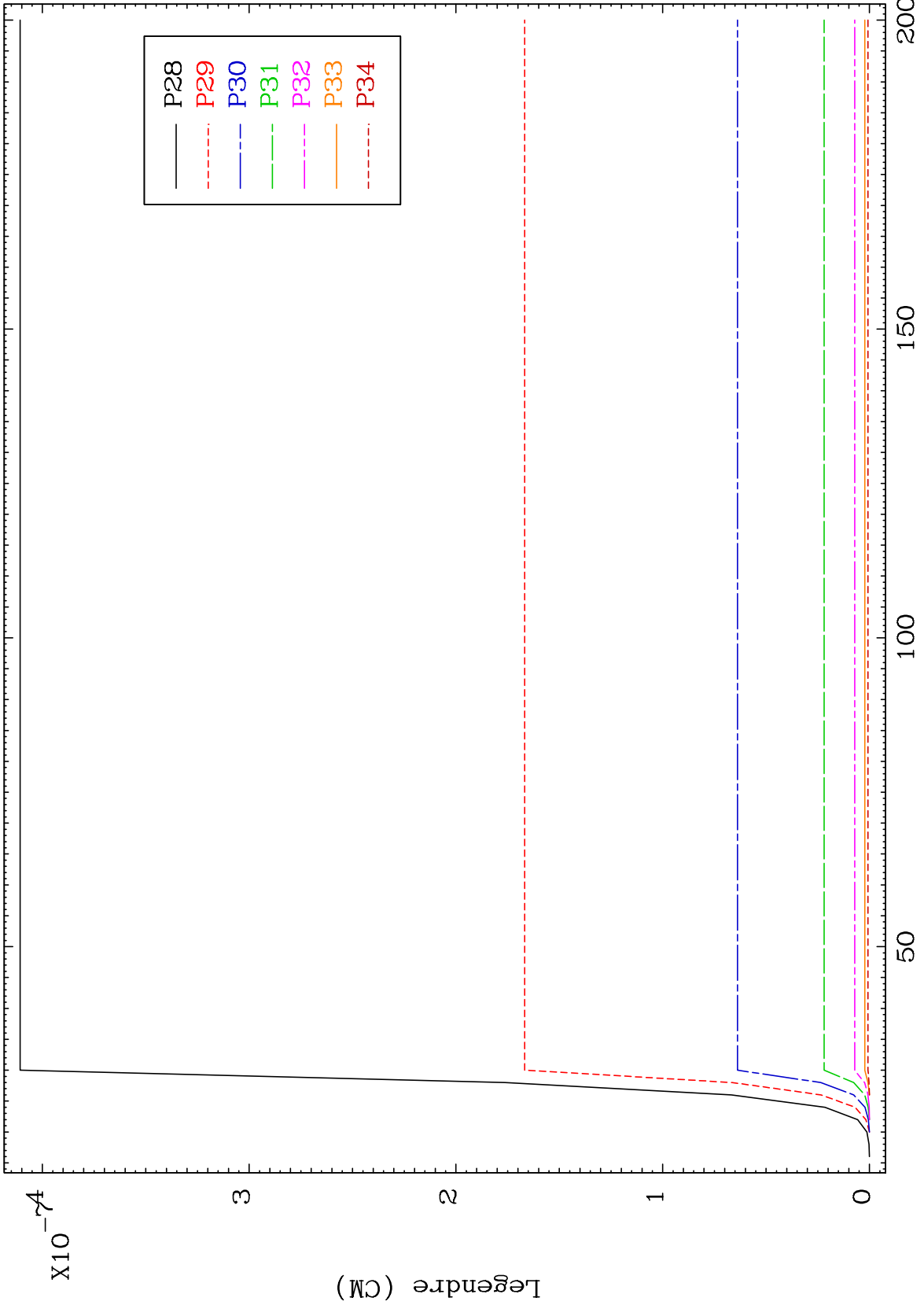
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134

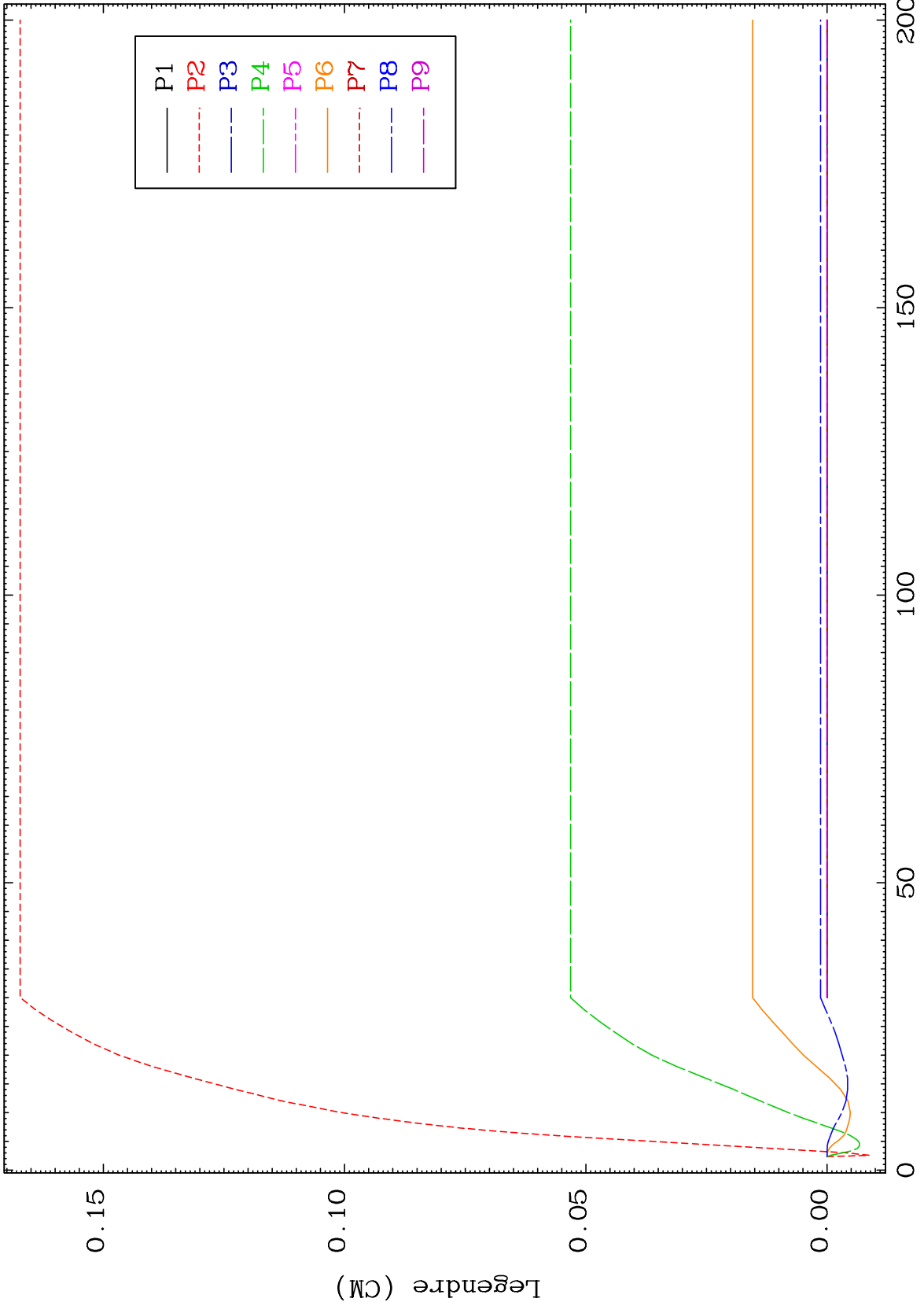


103

Incident Energy (MeV)

58-Ce-134

MAT 5819 MT= 74 (n,n') Level Legendre Coefficients 58-Ce-134

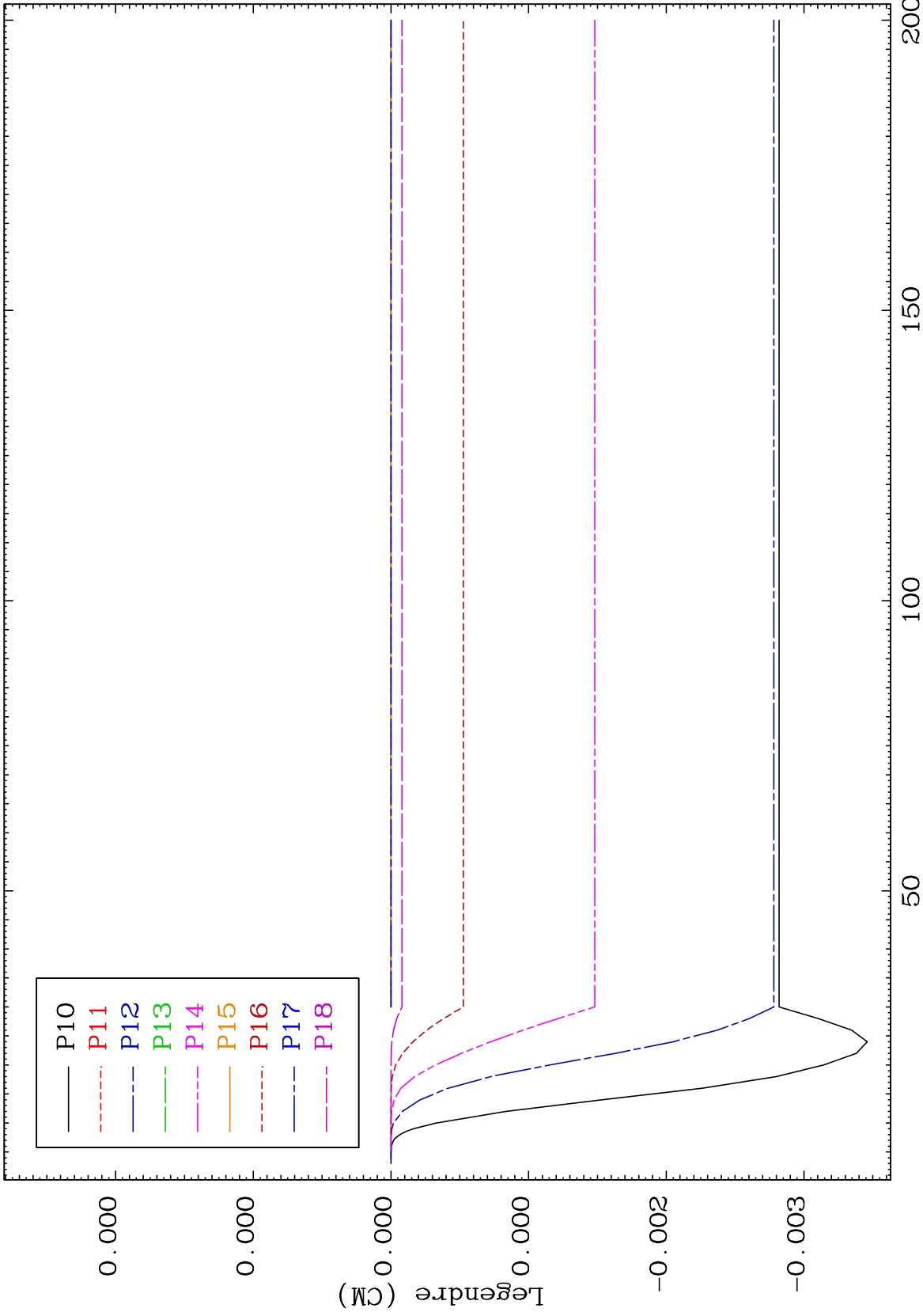


104 58-Ce-134

MAT 5819

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

58-Ce-134



105

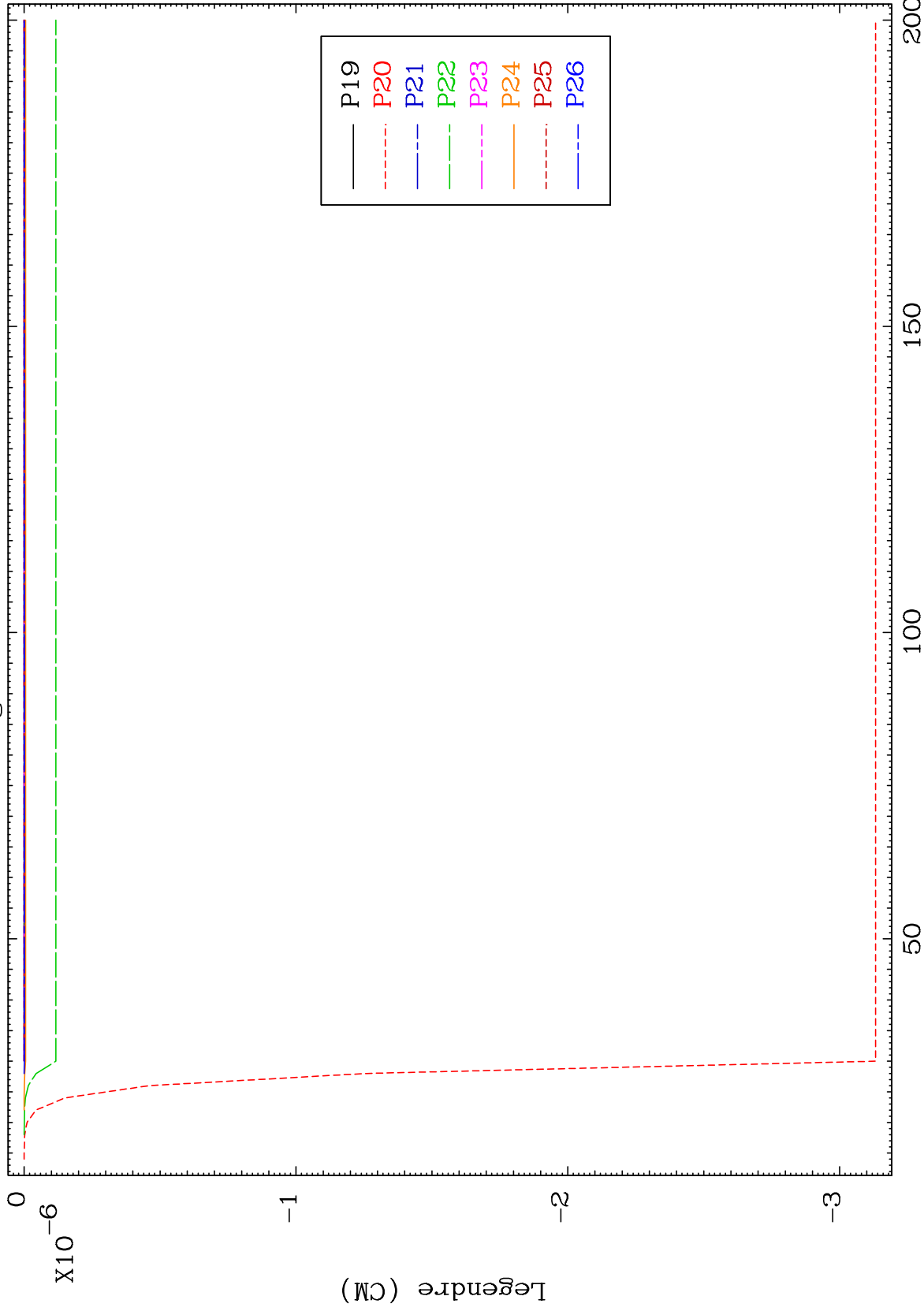
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



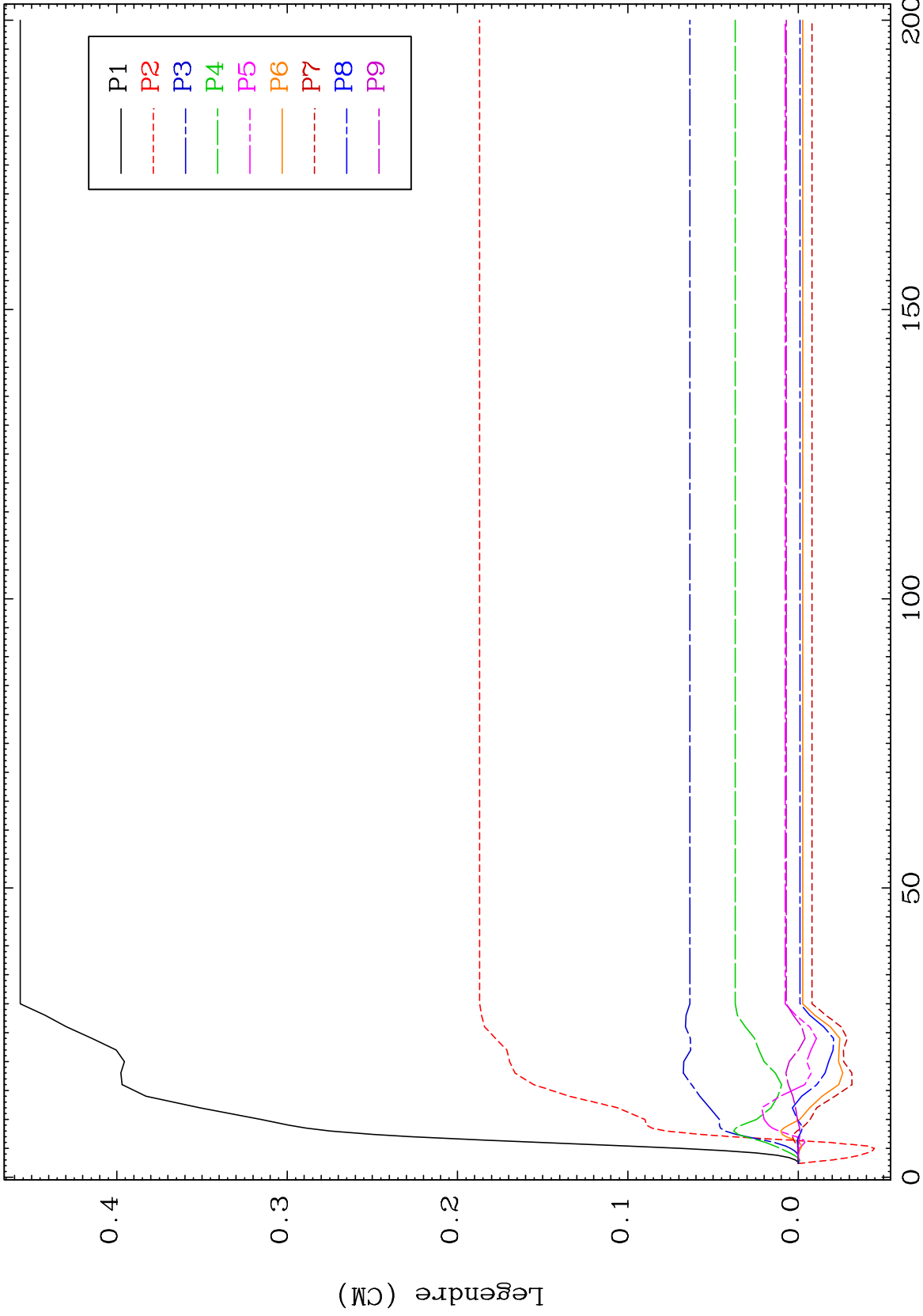
58-Ce-134

106

MAT 5819

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

58-Ce-134



107

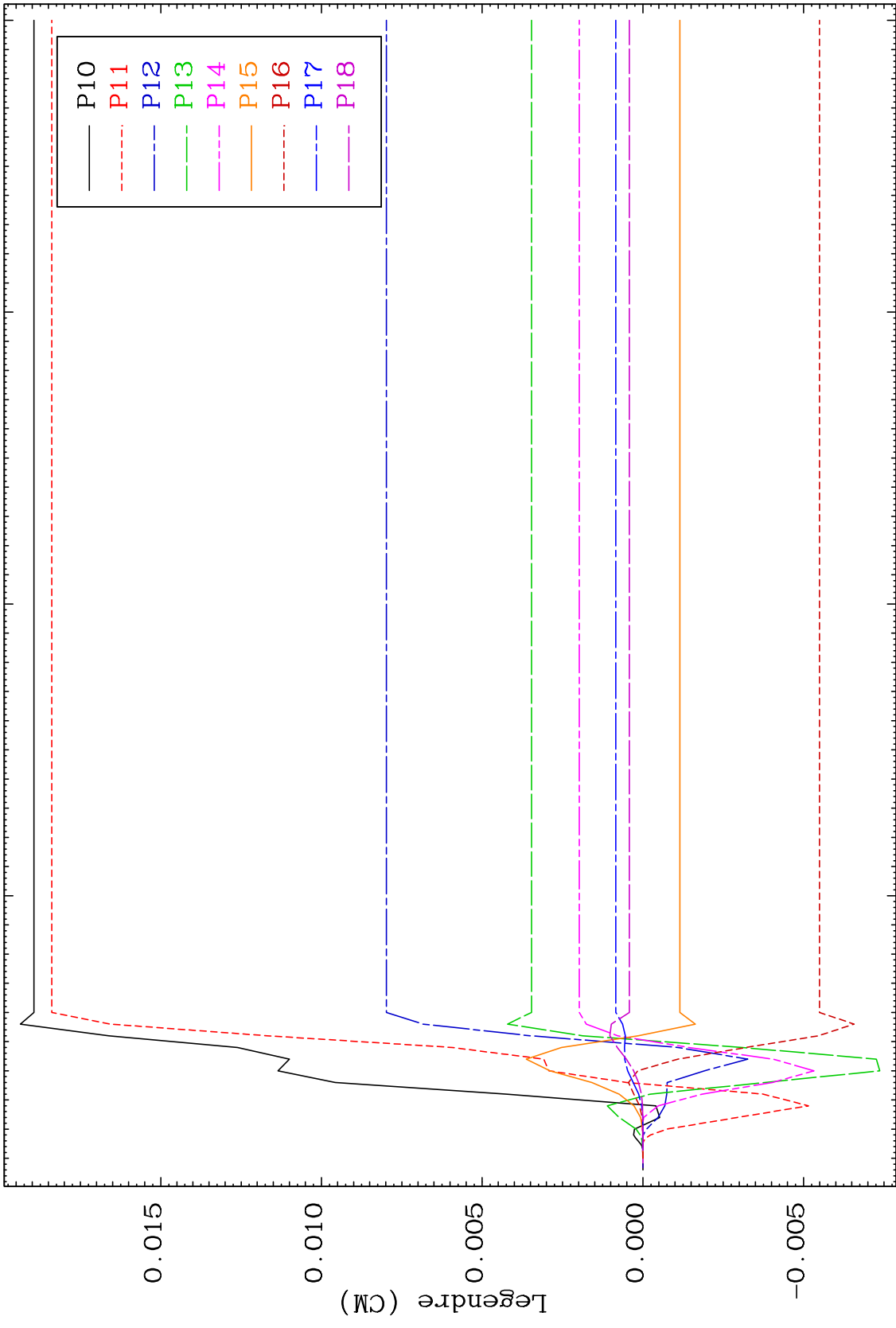
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



108

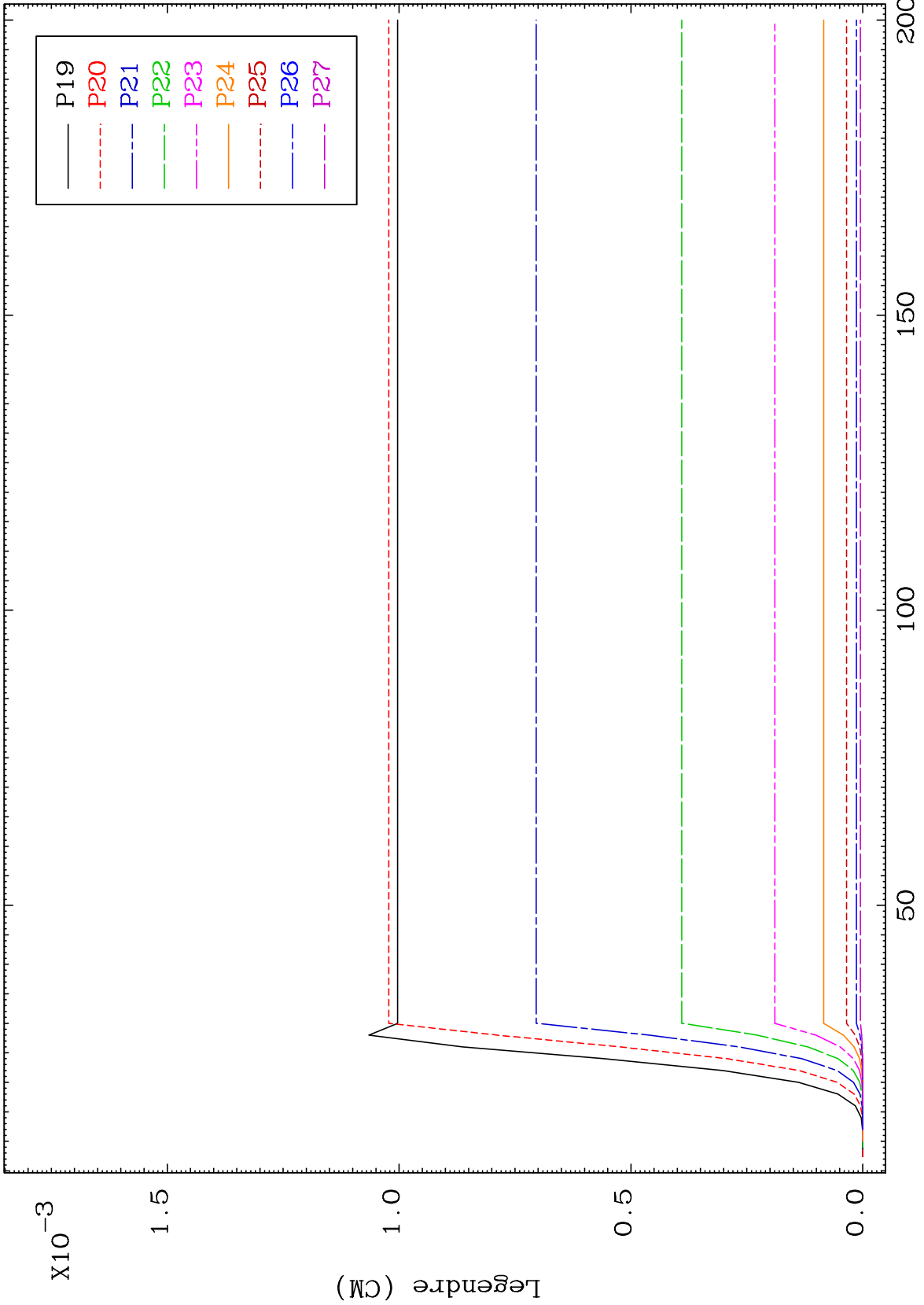
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



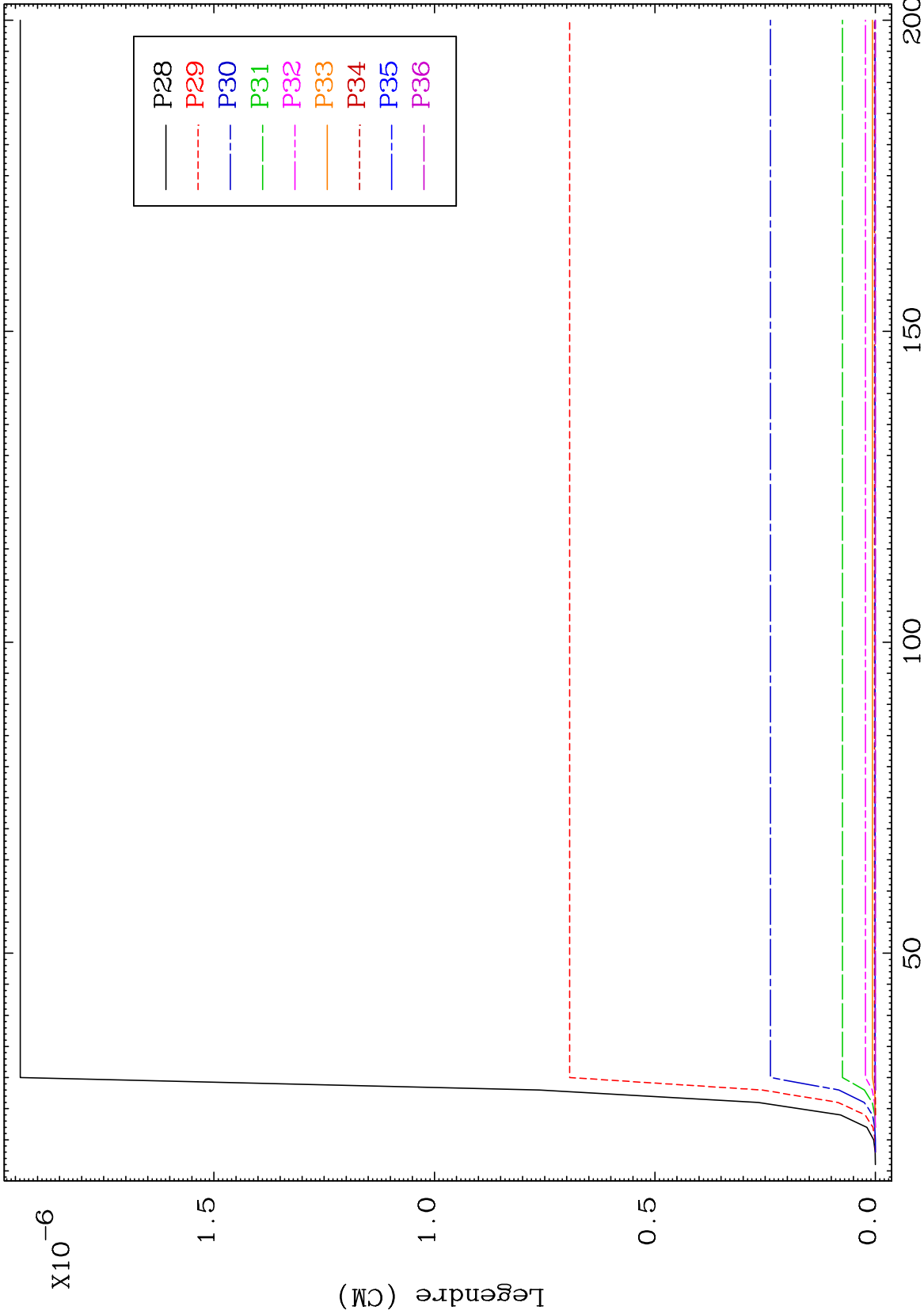
109

58-Ce-134

MAT 5819

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

58-Ce-134



110

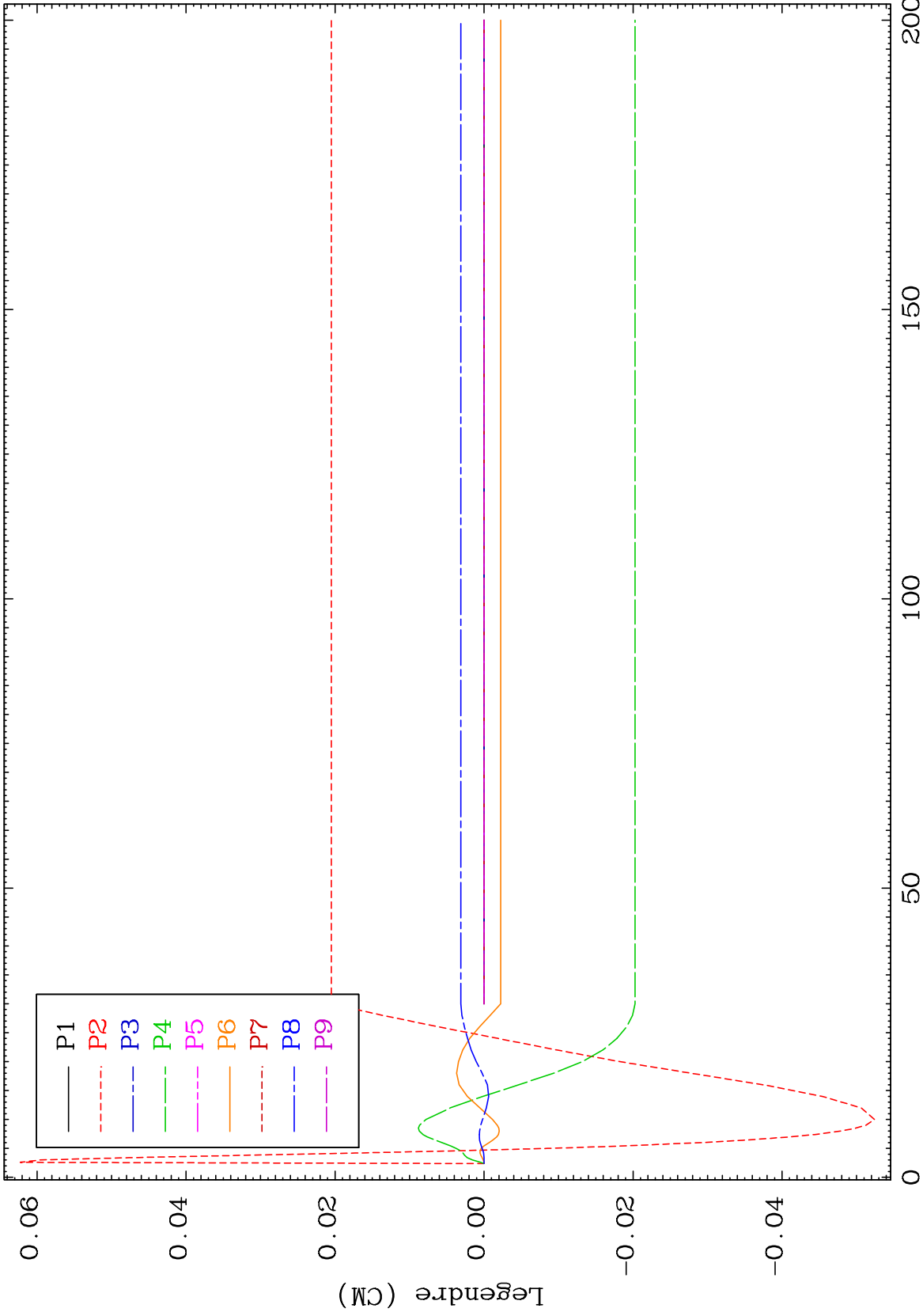
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



111

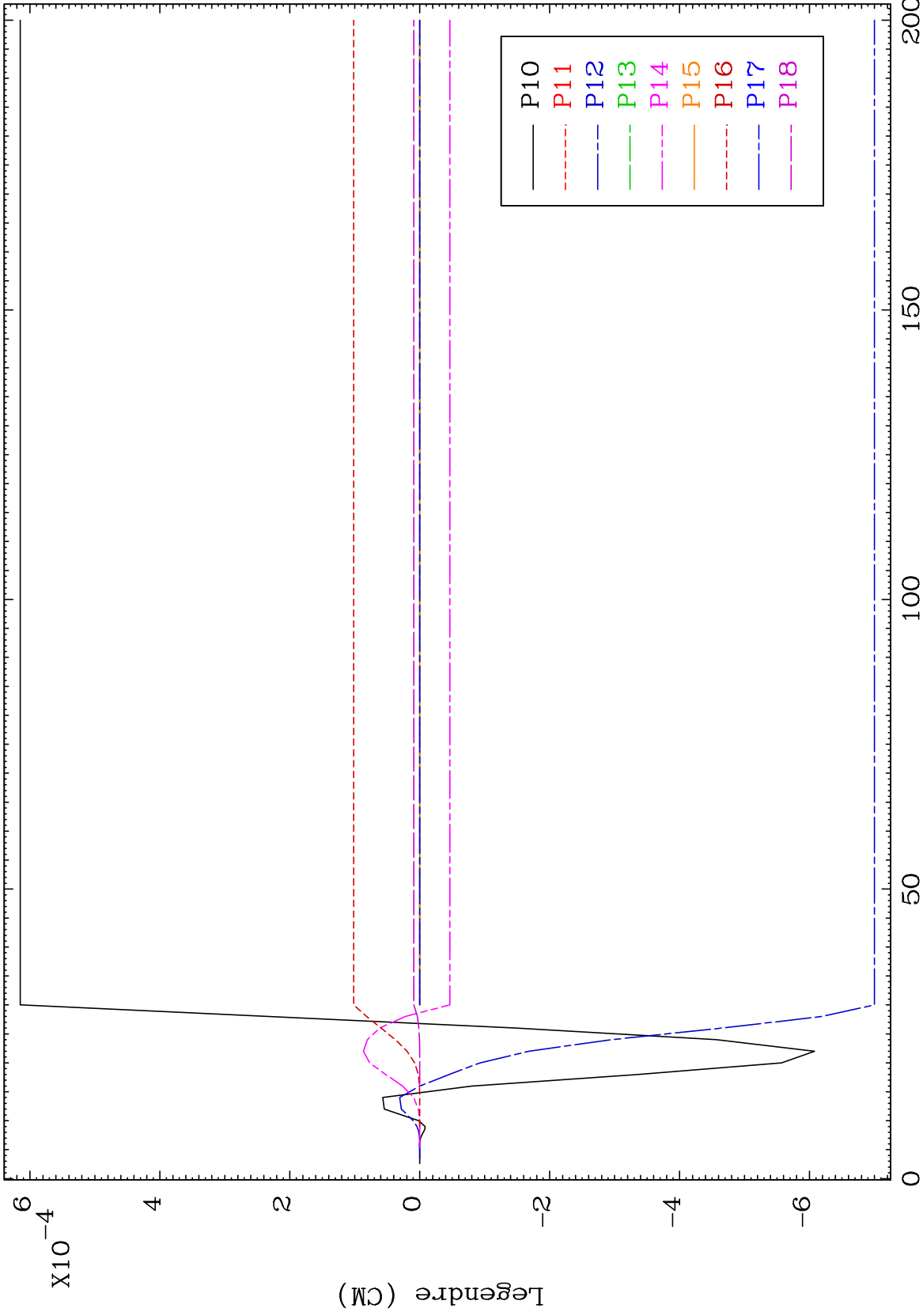
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134

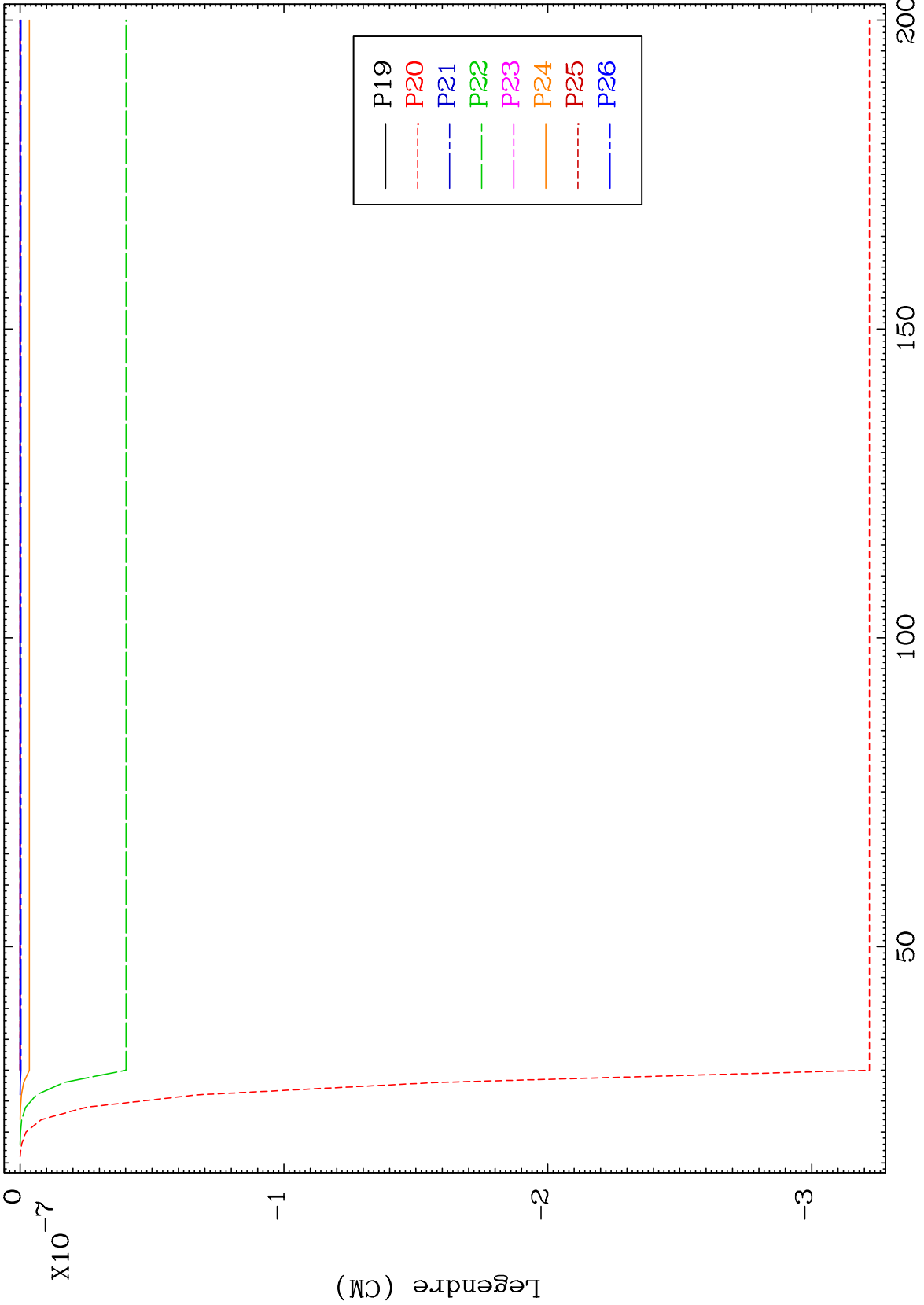


112

Incident Energy (MeV)

58-Ce-134

MAT 5819 MT= 76 (n,n') Level Legendre Coefficients 58-Ce-134

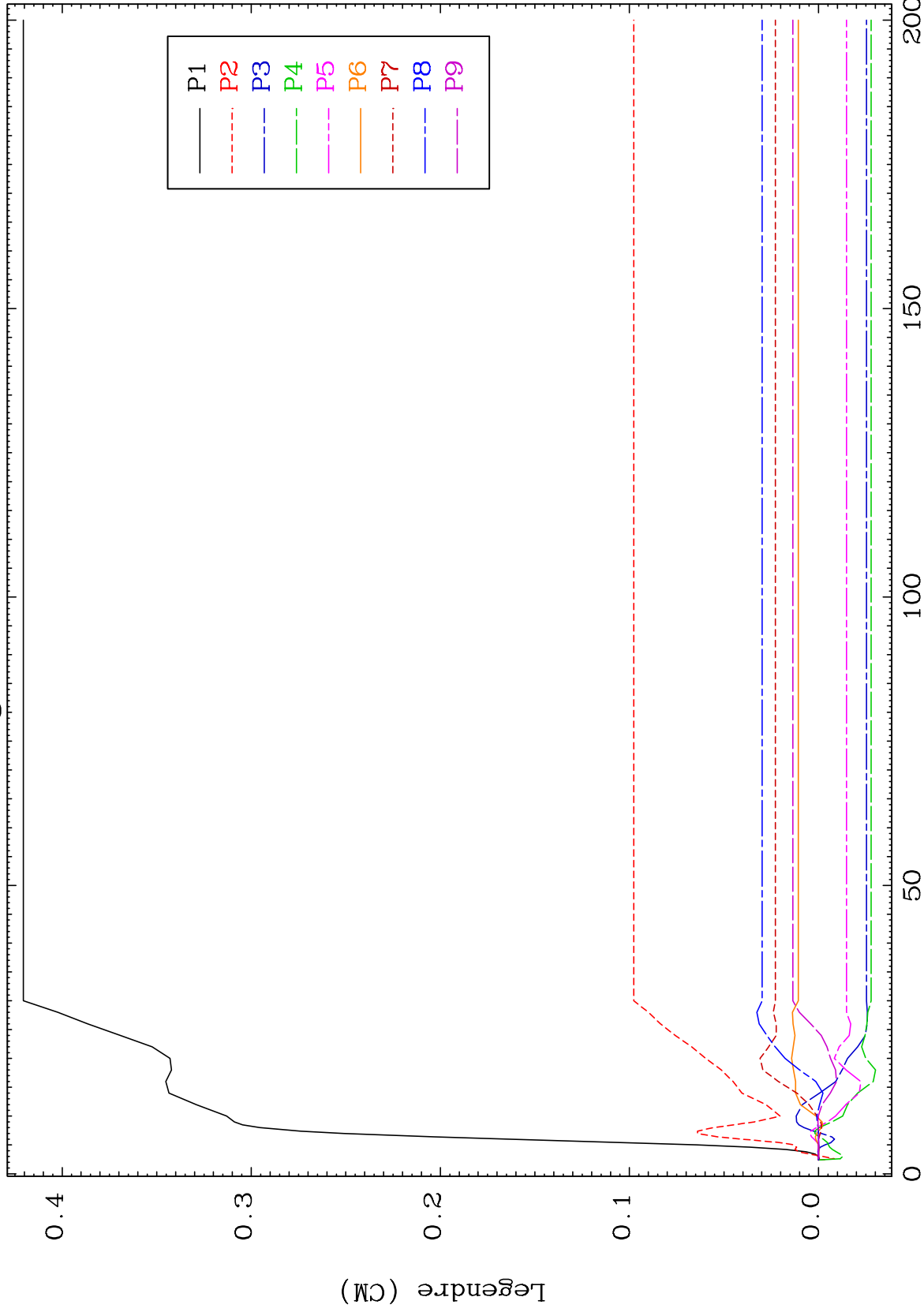


113 58-Ce-134

MAT 5819

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

58-Ce-134



114

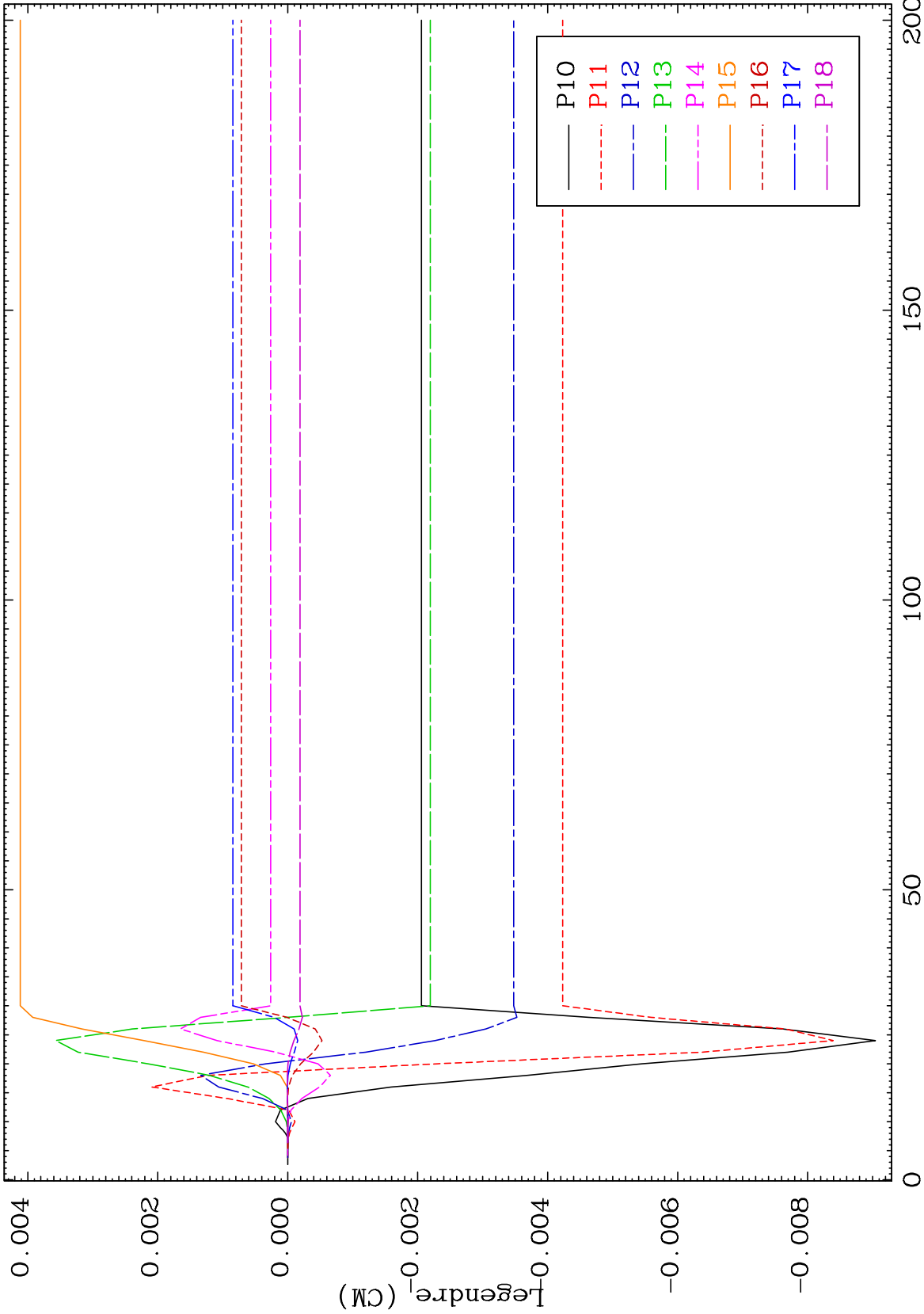
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



115

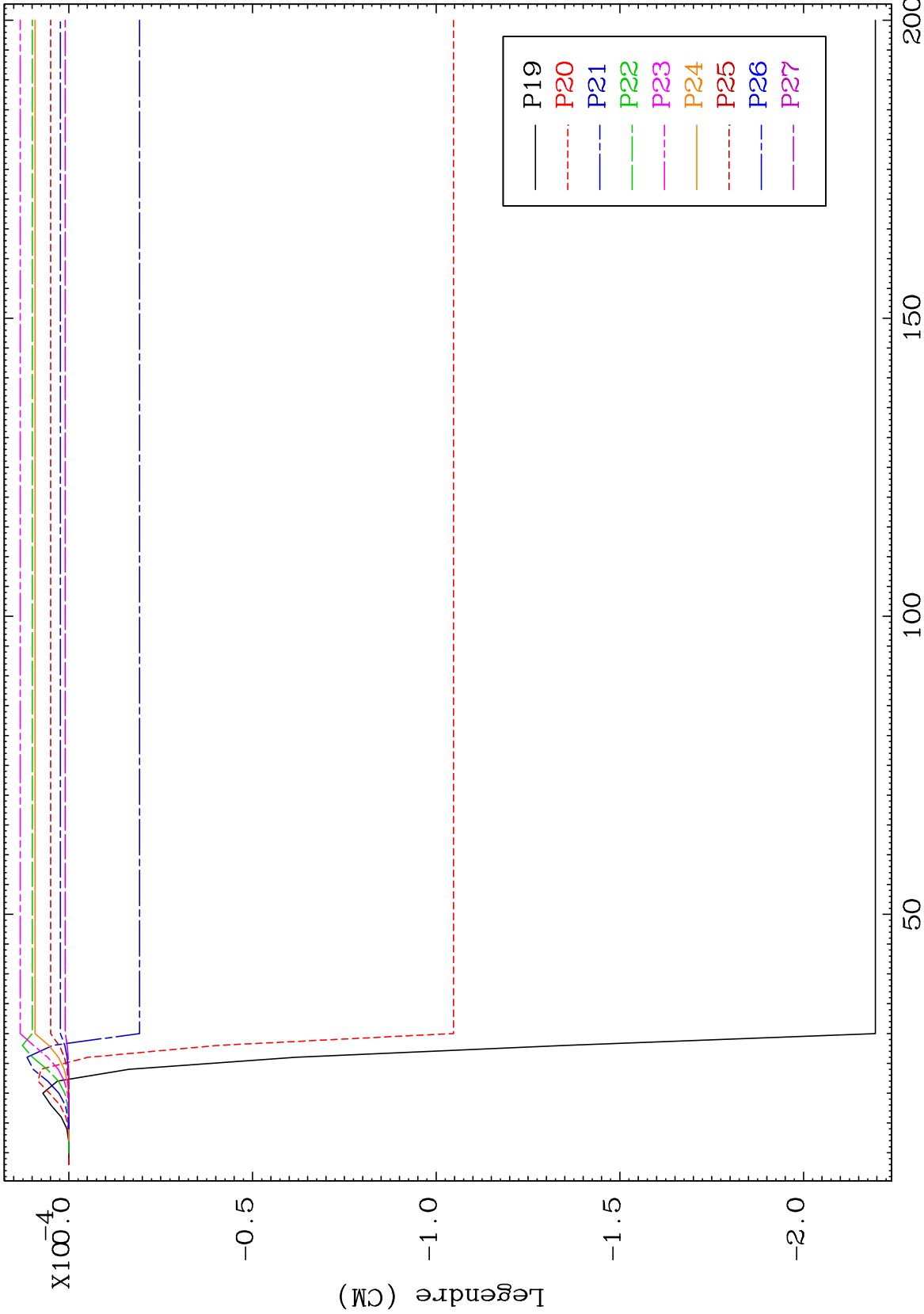
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



116

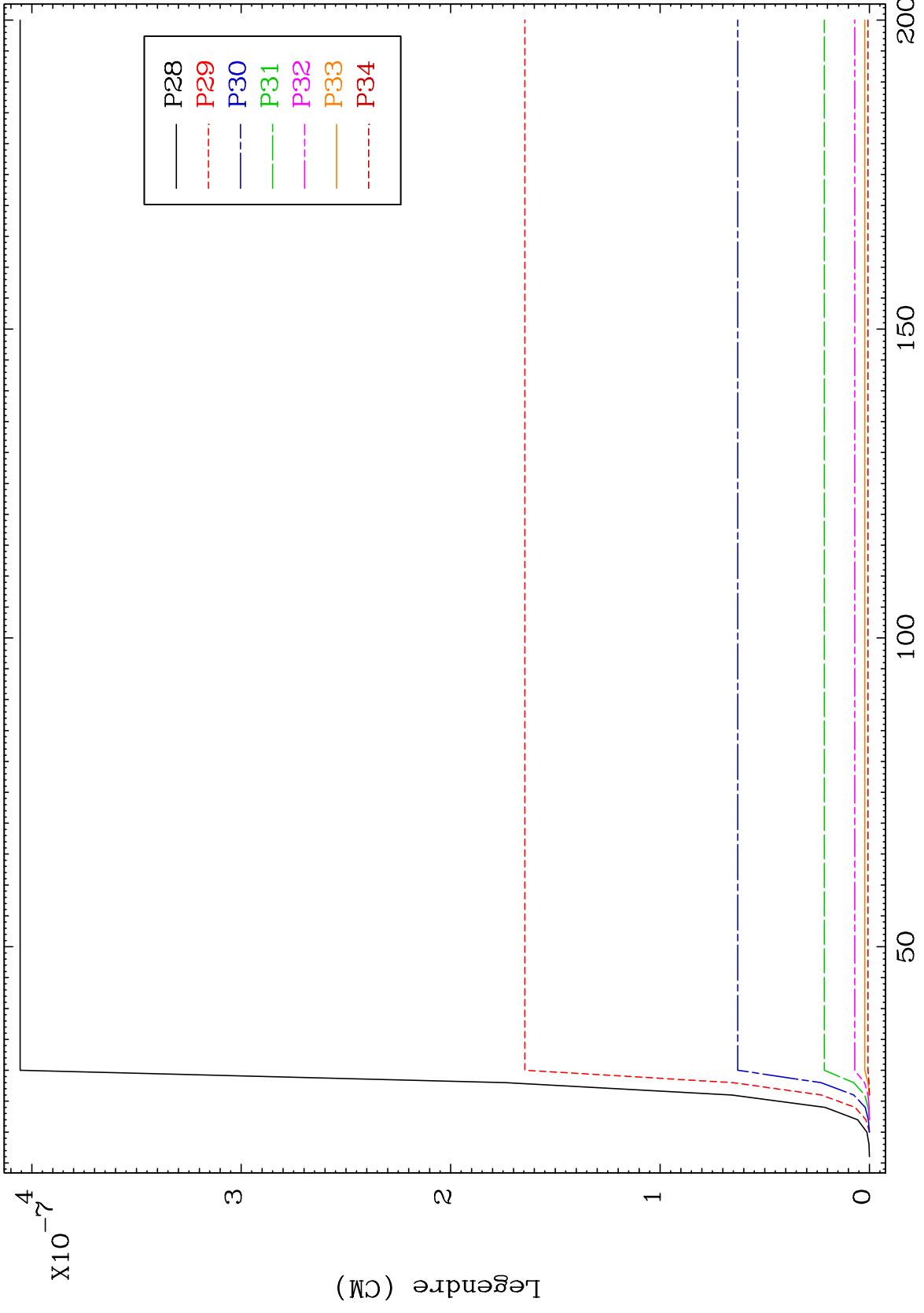
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

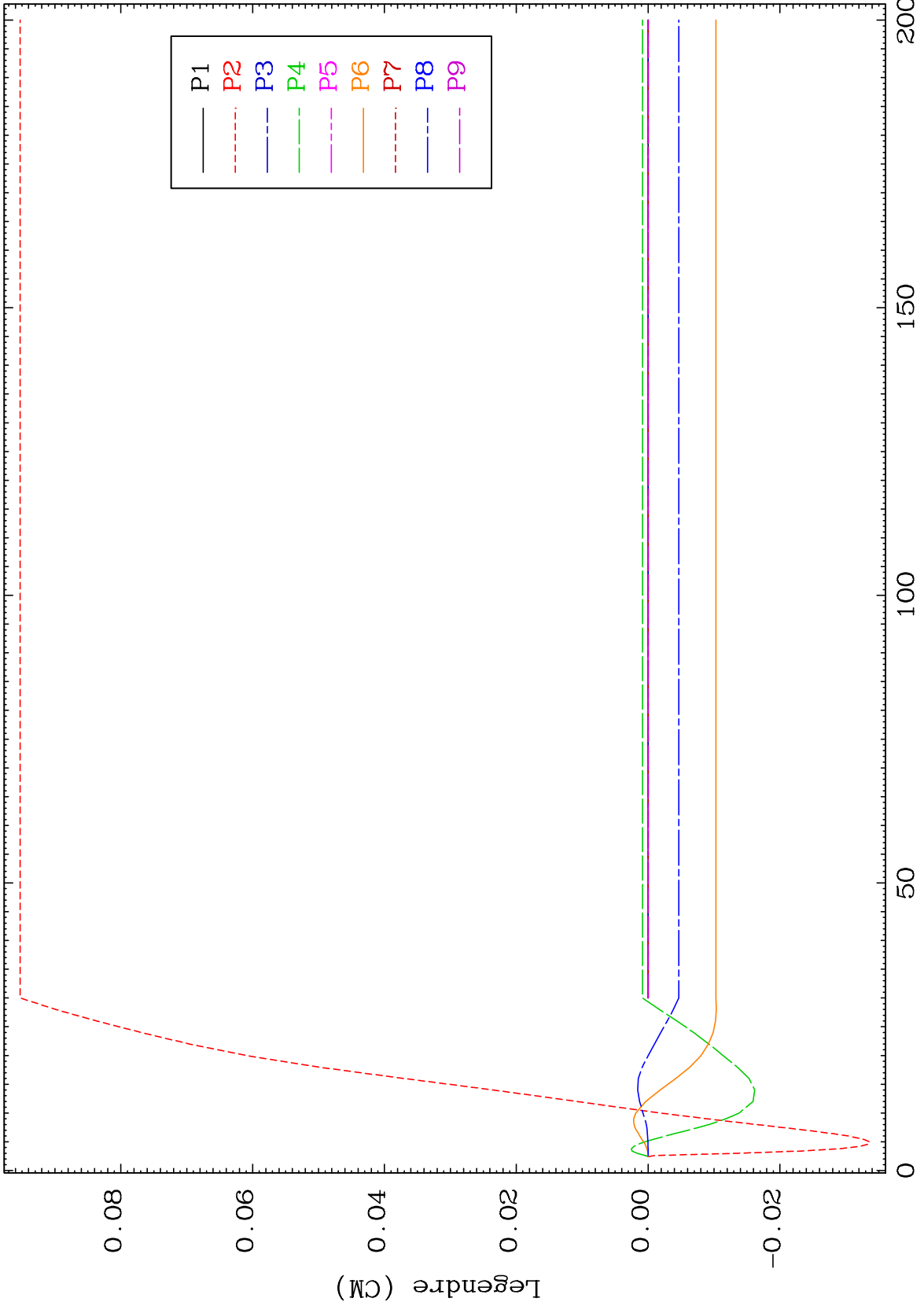
58-Ce-134



117

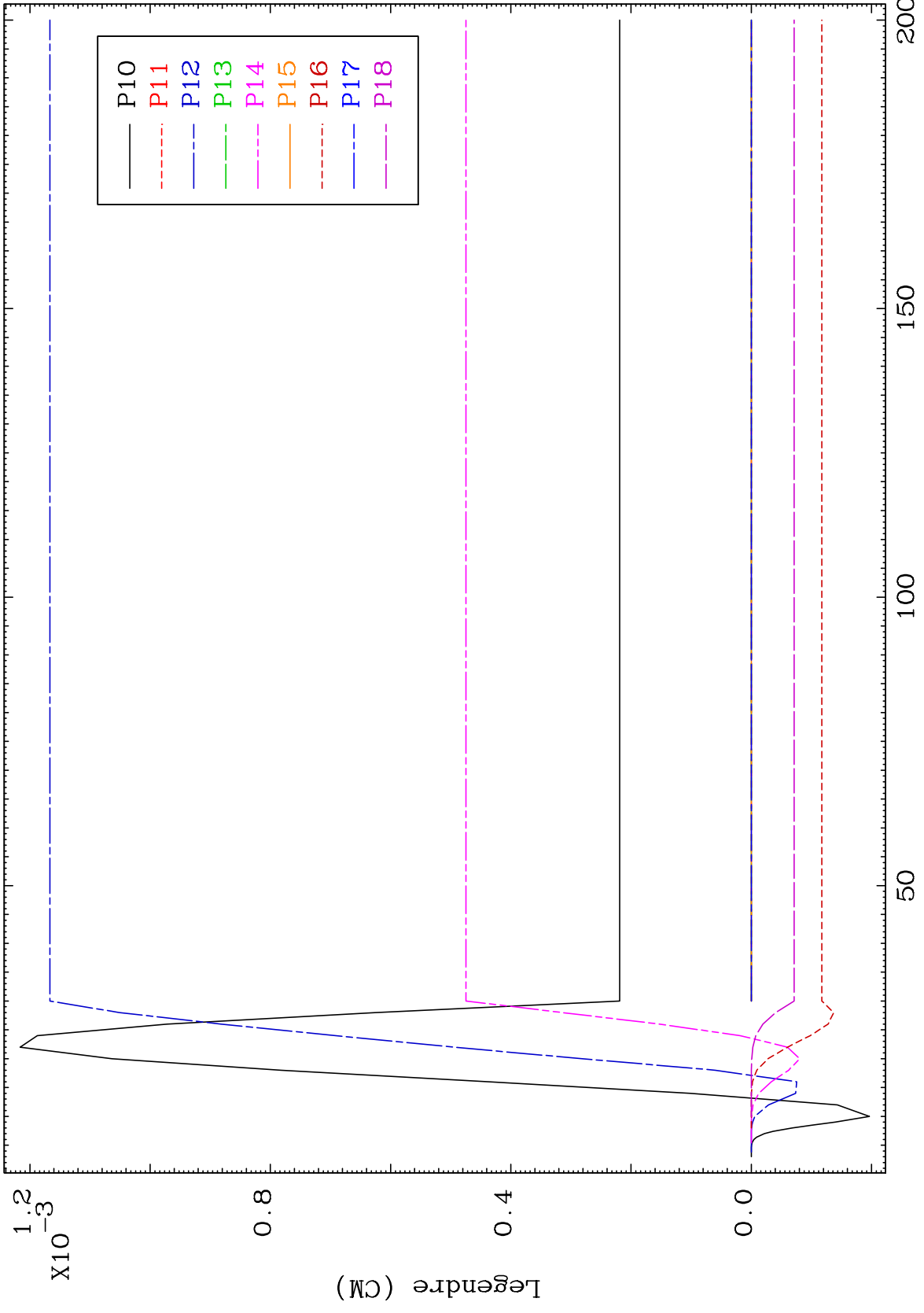
58-Ce-134

MAT 5819 MT= 78 (n,n') Level Legendre Coefficients 58-Ce-134



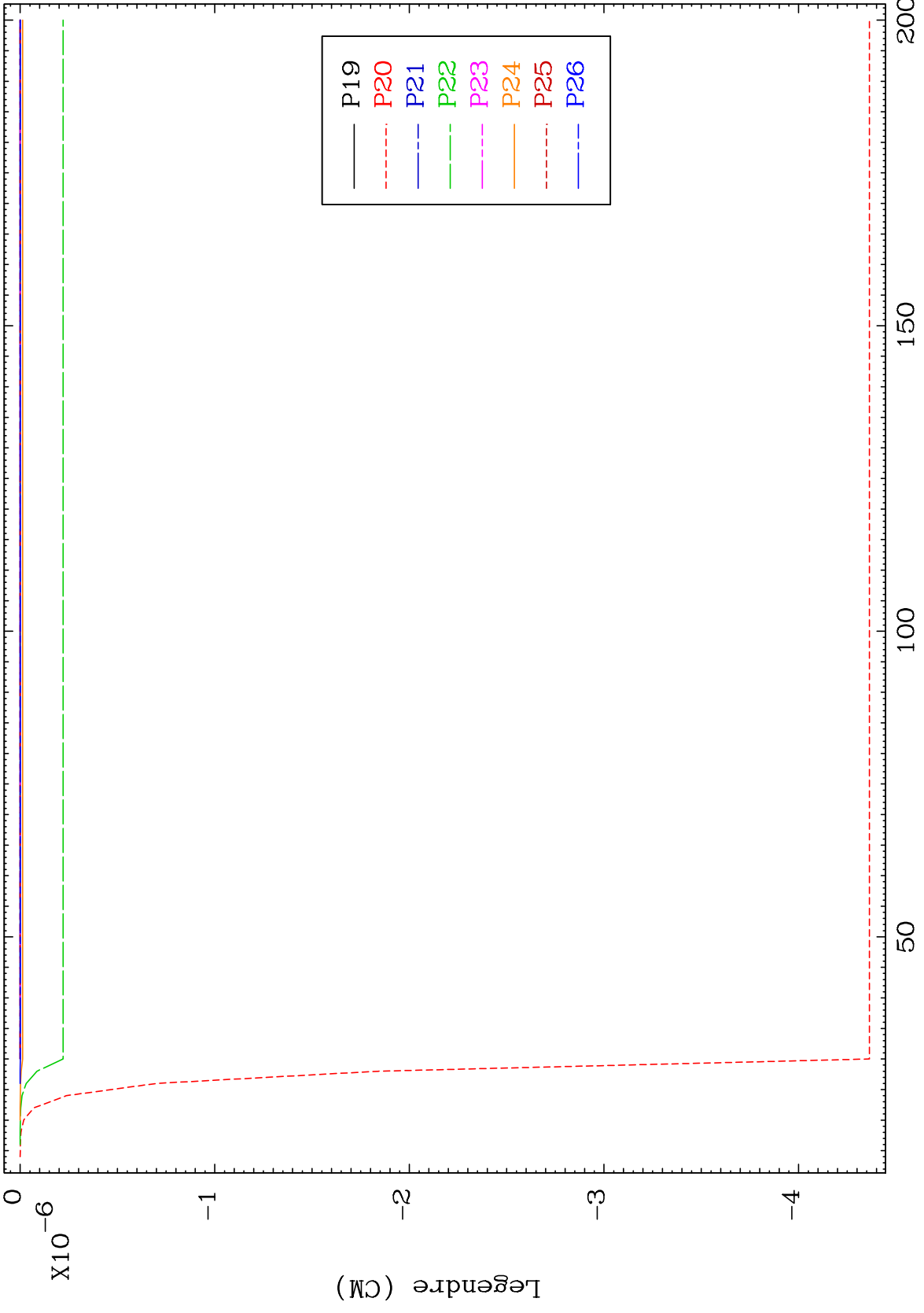
118 Incident Energy (MeV) 58-Ce-134

MAT 5819 MT= 78 (n,n') Level Legendre Coefficients 58-Ce-134



119 58-Ce-134

MAT 5819 MT= 78 (n,n') Level Legendre Coefficients 58-Ce-134

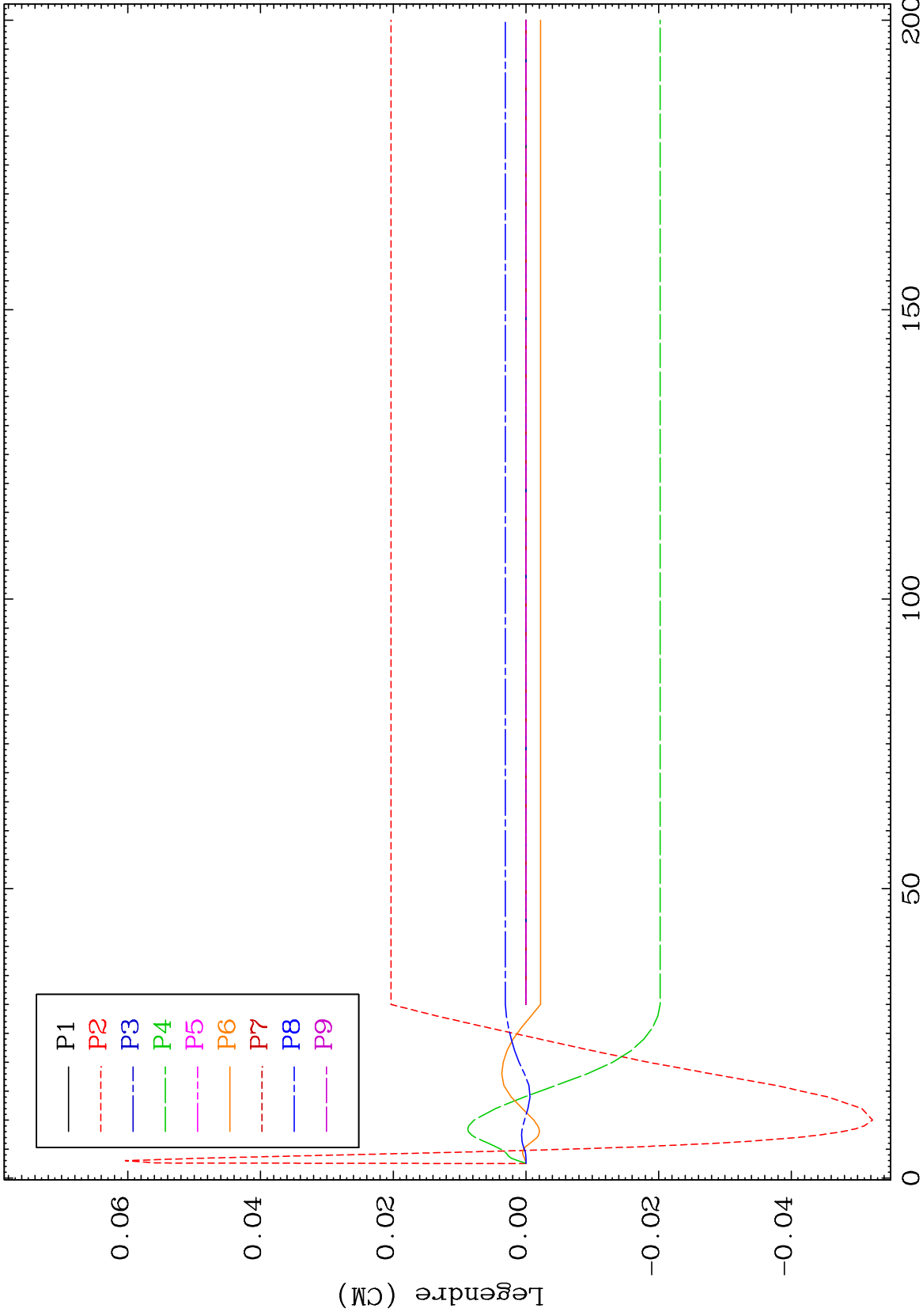


120 Incident Energy (MeV) 58-Ce-134

MAT 5819

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

58-Ce-134



121

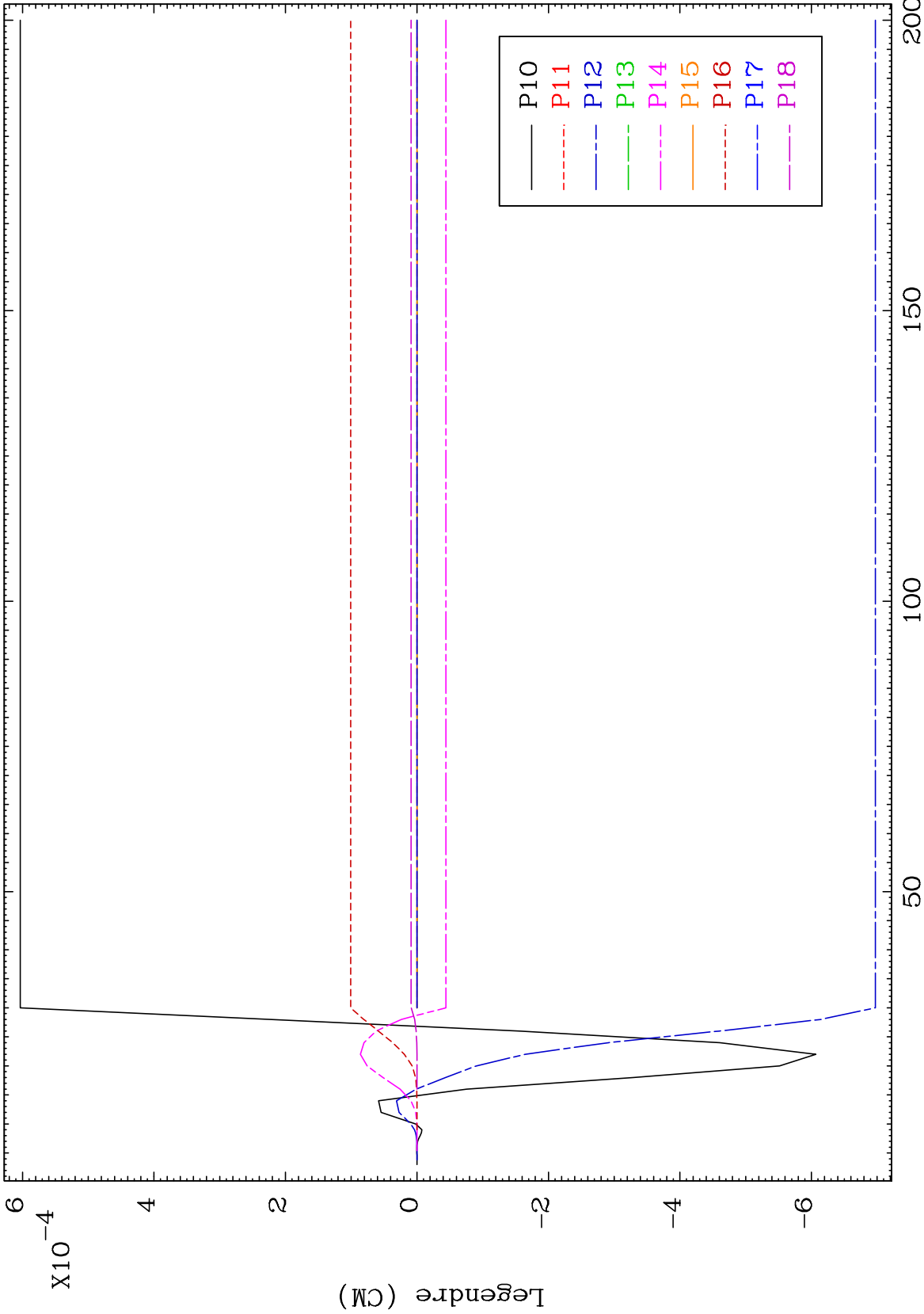
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134

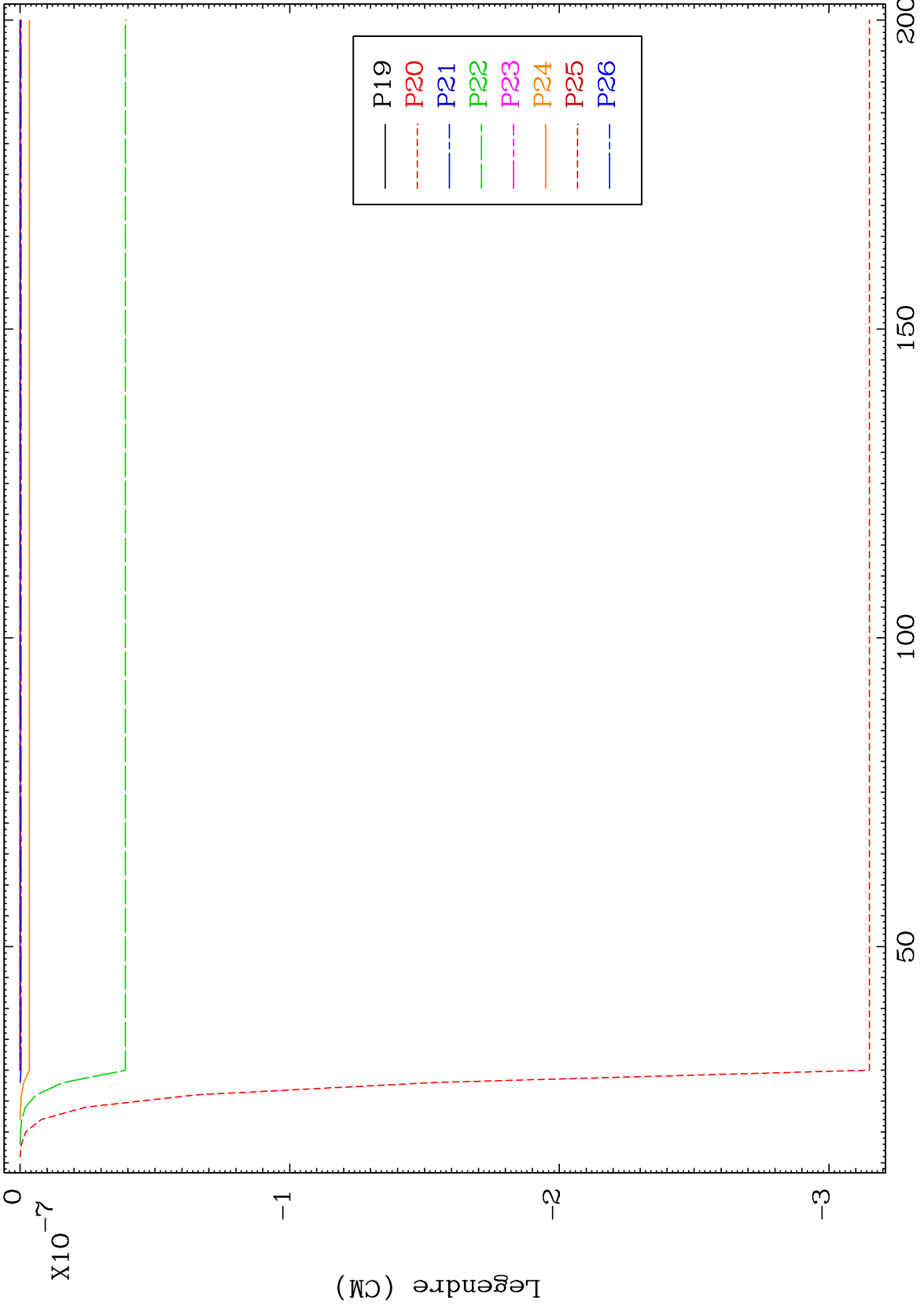


122

Incident Energy (MeV)

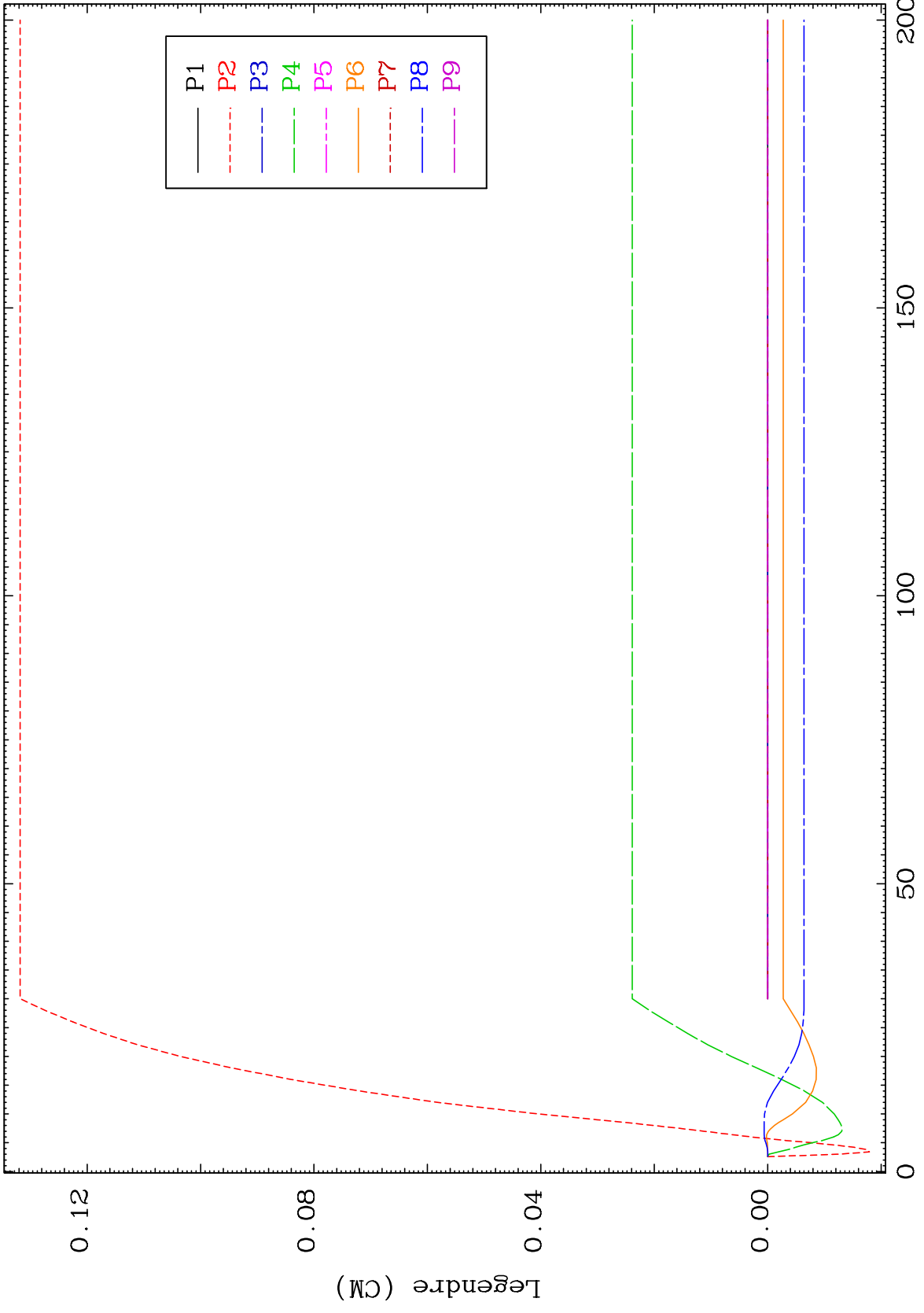
58-Ce-134

MAT 5819 MT= 79 (n,n') Level Legendre Coefficients 58-Ce-134



123 58-Ce-134

MAT 5819 MT= 80 (n,n') Level Legendre Coefficients 58-Ce-134

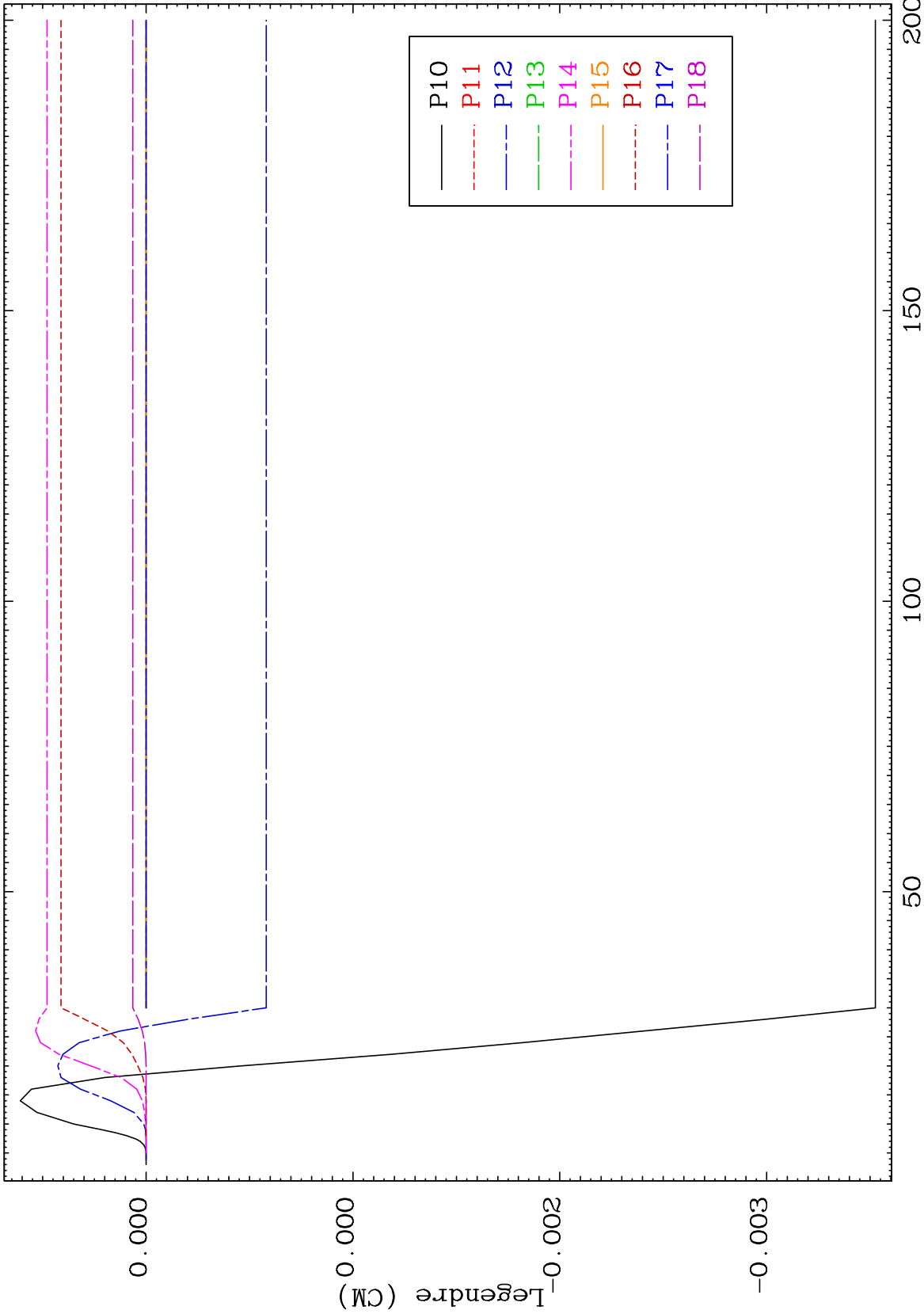


124 Incident Energy (MeV) 58-Ce-134

MAT 5819

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

58-Ce-134

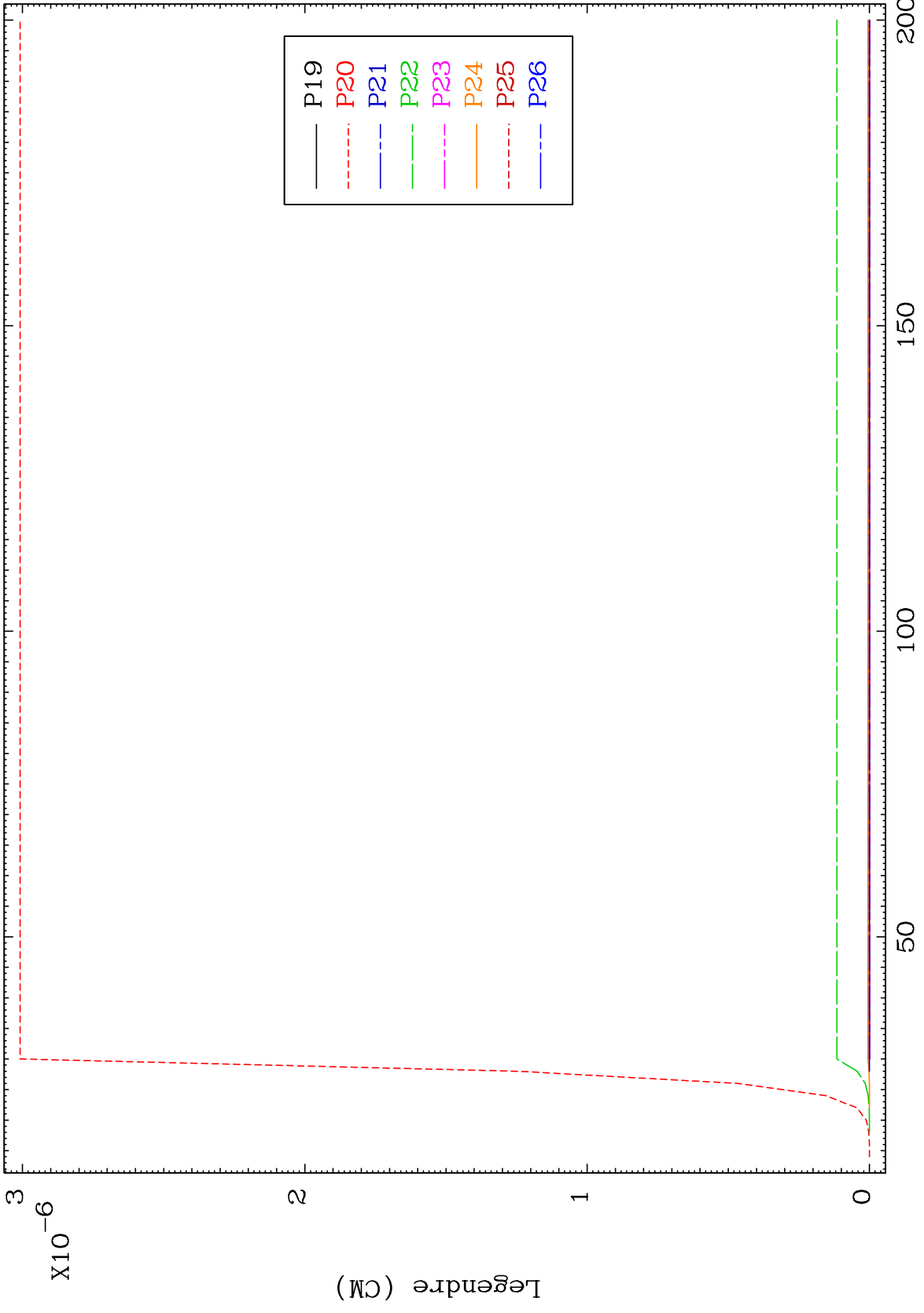


125

Incident Energy (MeV)

58-Ce-134

MAT 5819 MT= 80 (n,n') Level Legendre Coefficients 58-Ce-134

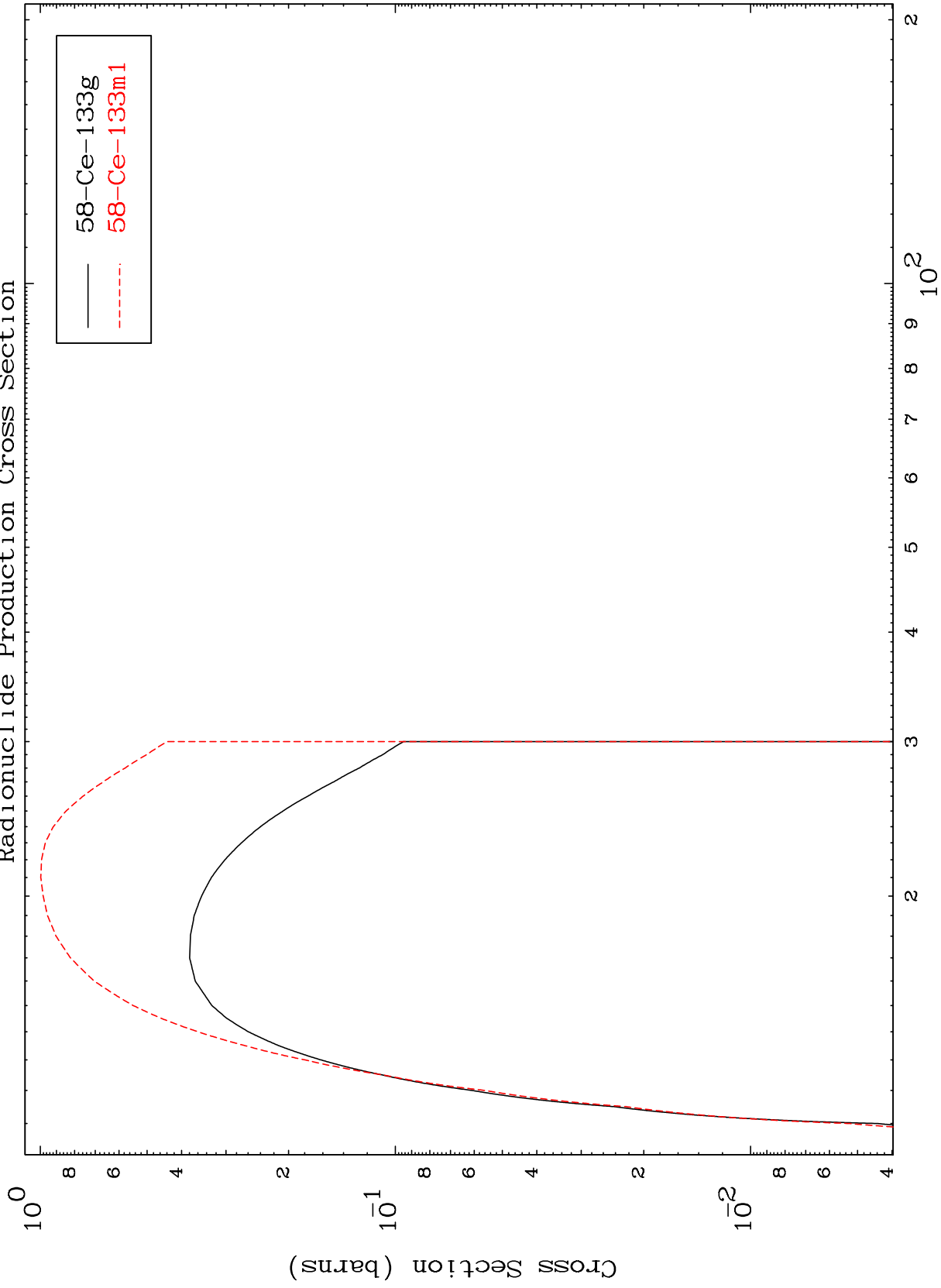


126 Incident Energy (MeV) 58-Ce-134

MAT 5819

58-Ce-134

(n,2n)
Radionuclide Production Cross Section



127

Incident Energy (MeV)

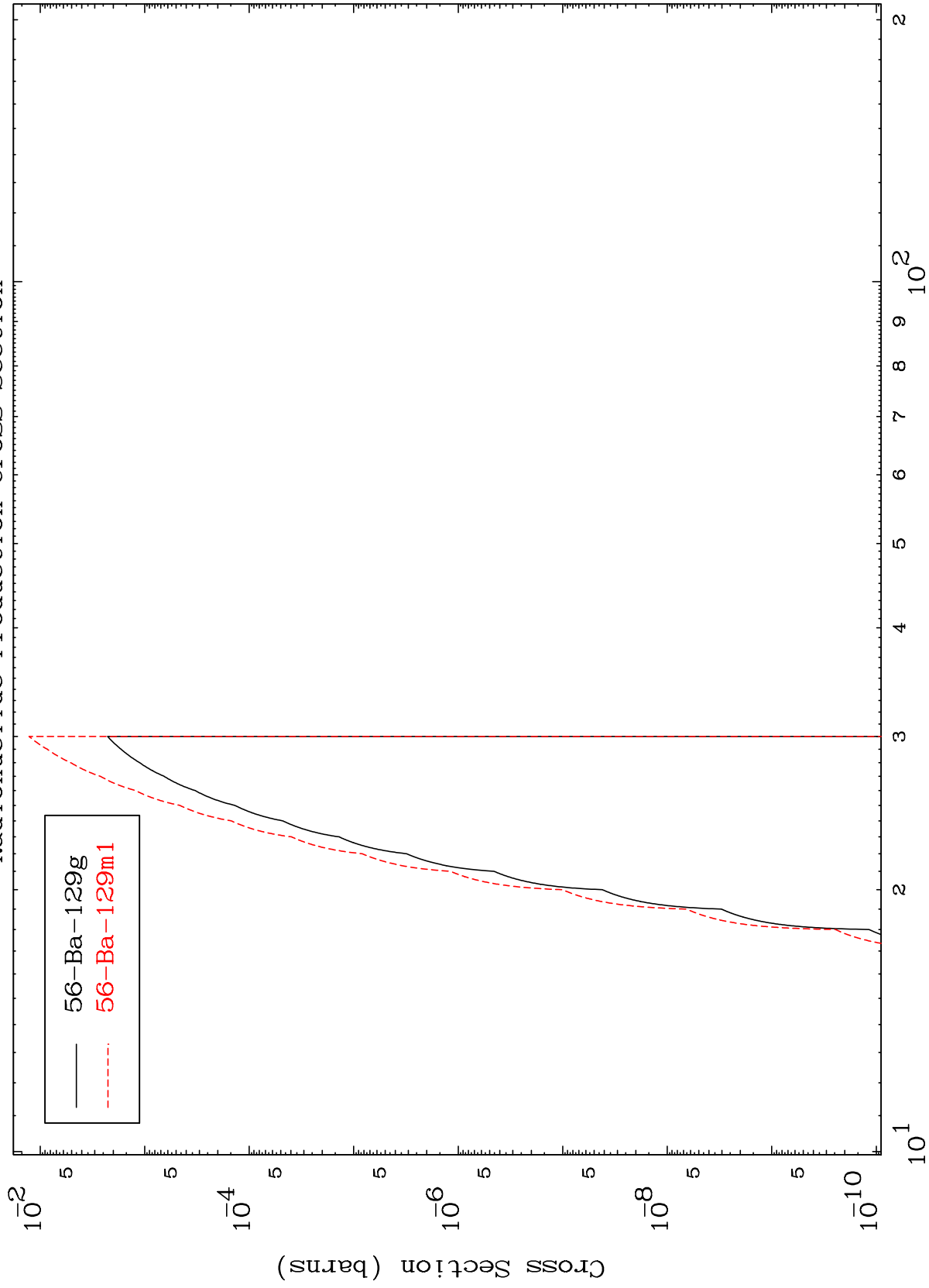
58-Ce-134

MAT 5819

(n,2n) α

58-Ce-134

Radionuclide Production Cross Section



128

Incident Energy (MeV)

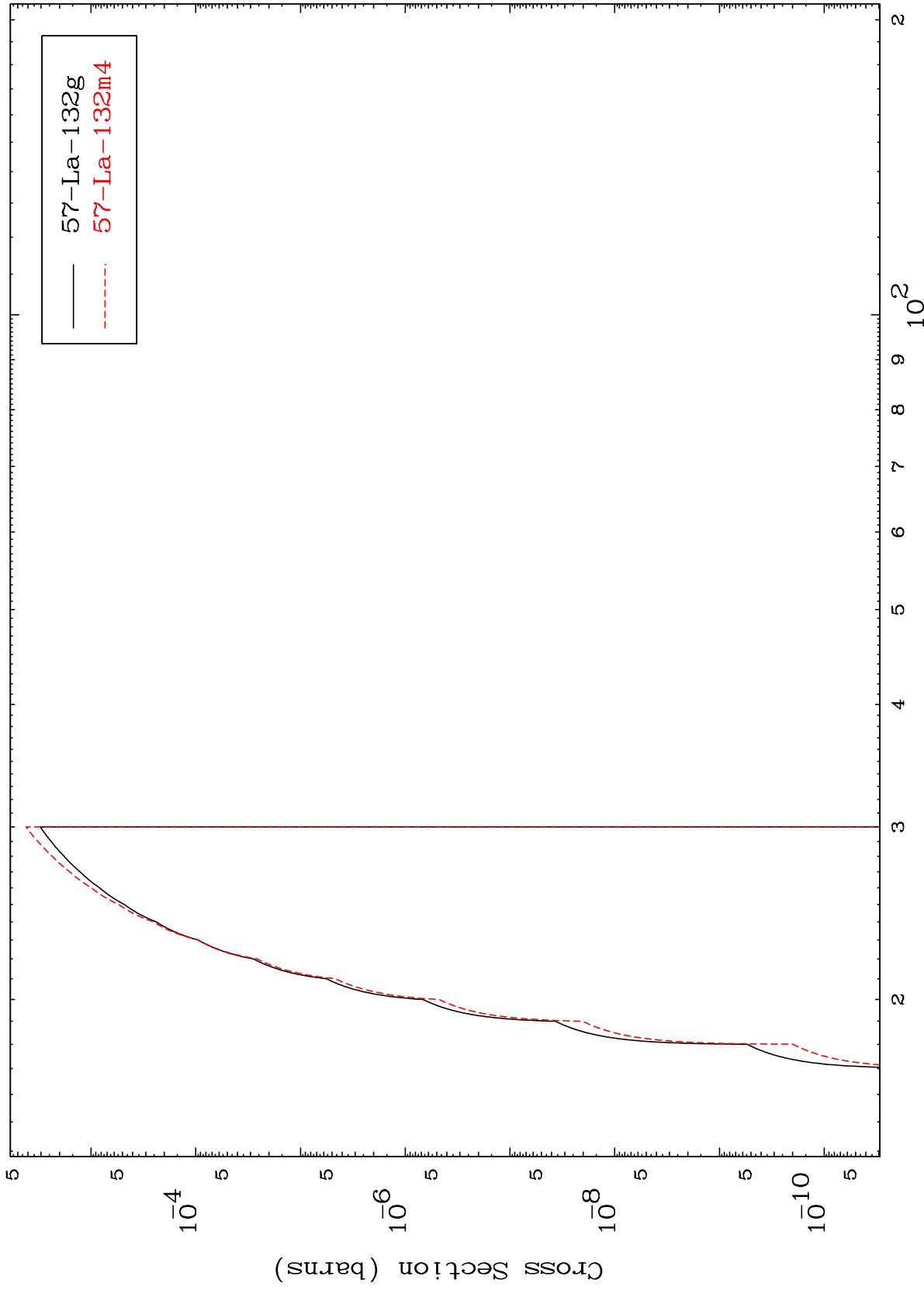
58-Ce-134

MAT 5819

(n,n') d

58-Ce-134

Radionuclide Production Cross Section



129

Incident Energy (MeV)

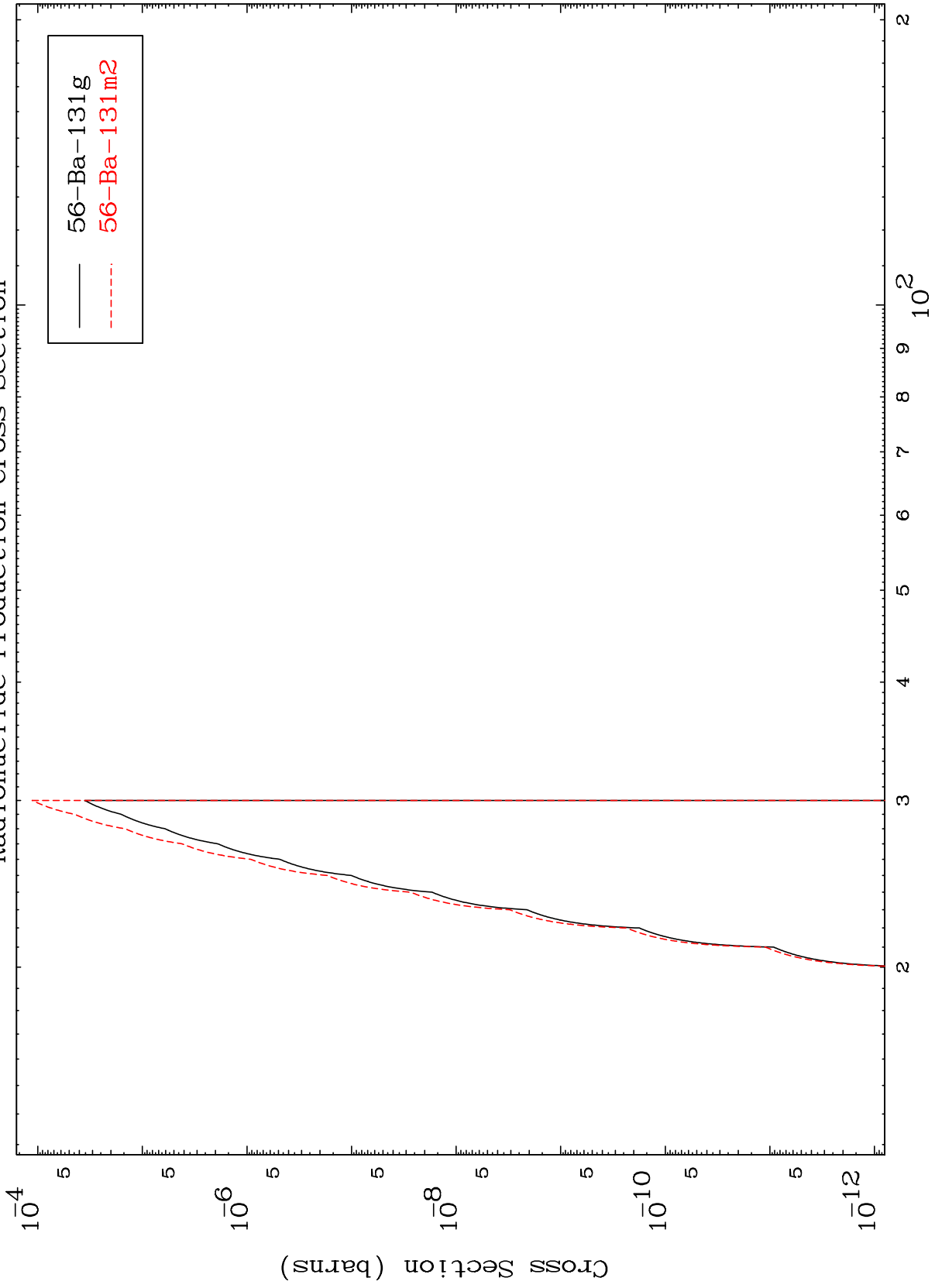
58-Ce-134

MAT 5819

(n, n') He-3

58-Ce-134

Radionuclide Production Cross Section



130

Incident Energy (MeV)

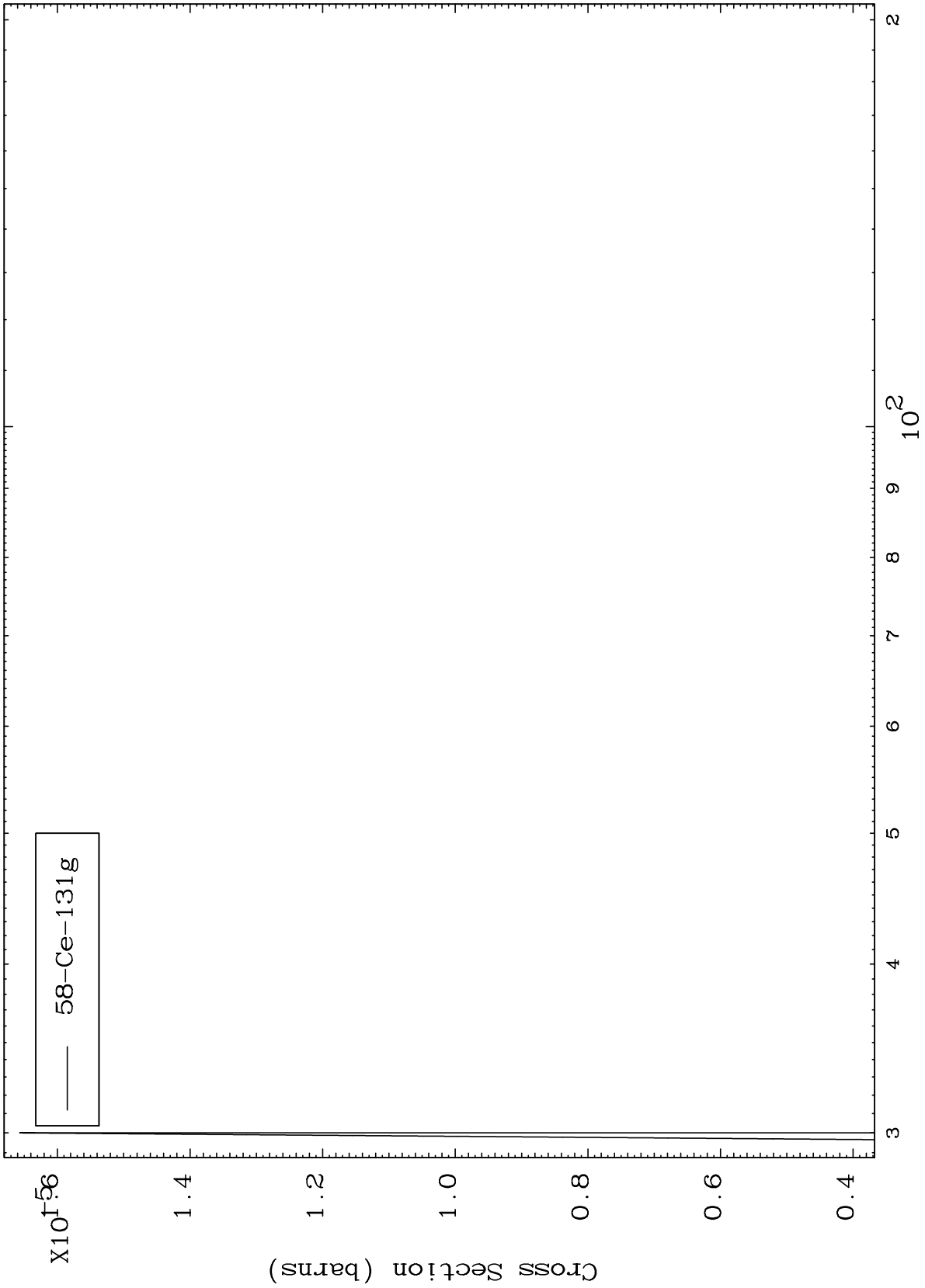
58-Ce-134

MAT 5819

(n,4n)

58-Ce-134

Radionuclide Production Cross Section



131

Incident Energy (MeV)

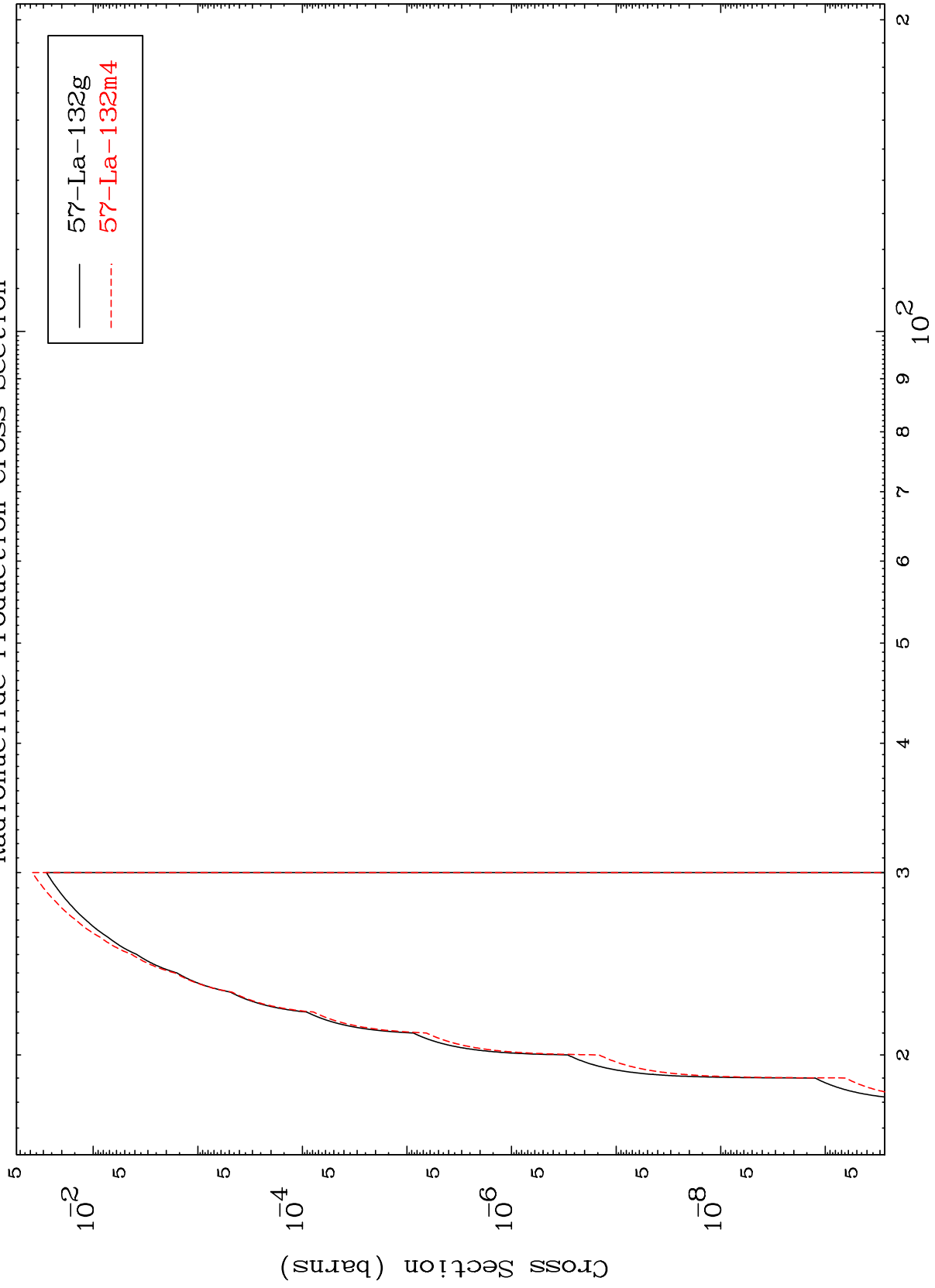
58-Ce-134

MAT 5819

(n,2n) p

58-Ce-134

Radionuclide Production Cross Section



132

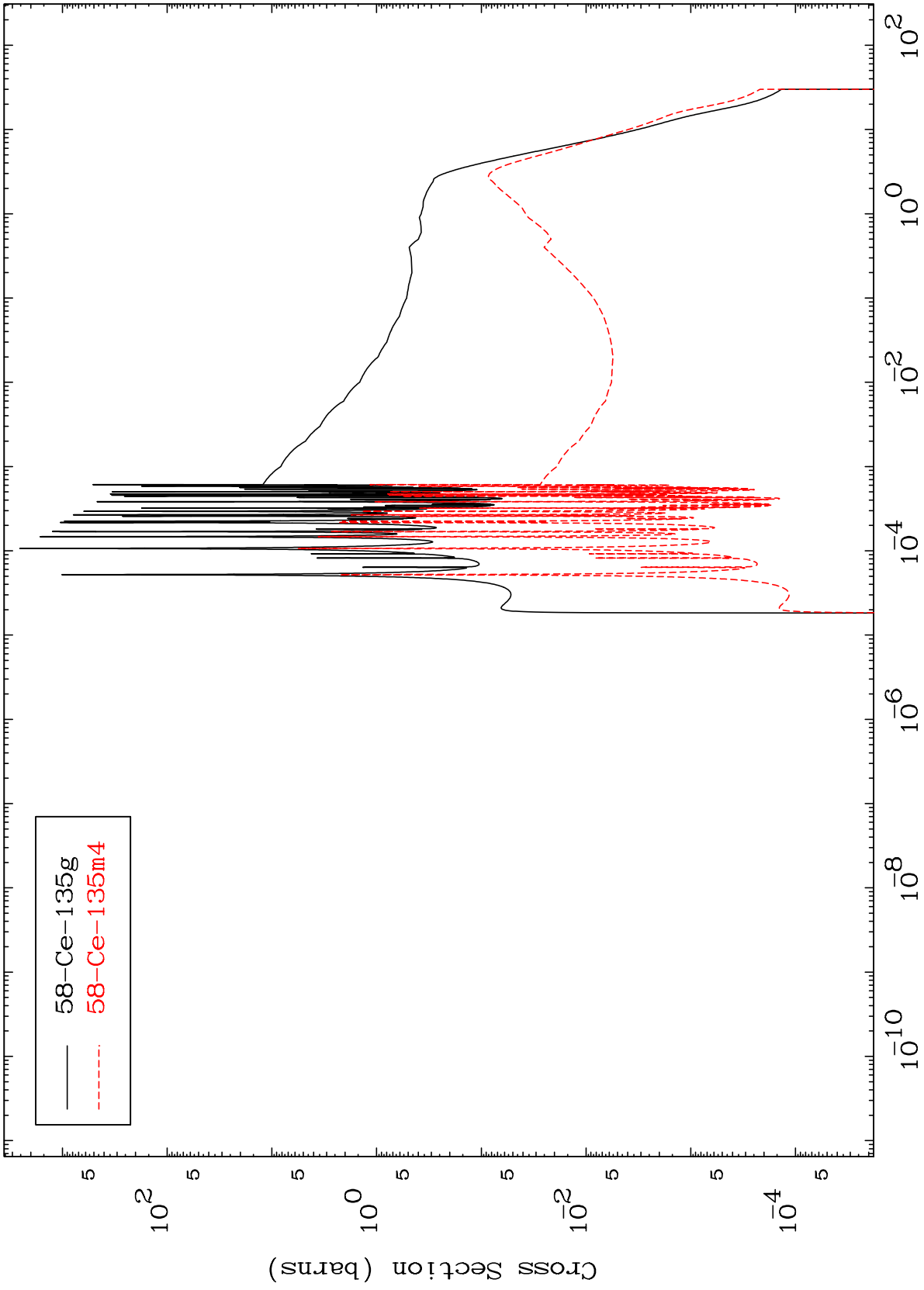
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n, γ)
Radionuclide Production Cross Section

58-Ce-134



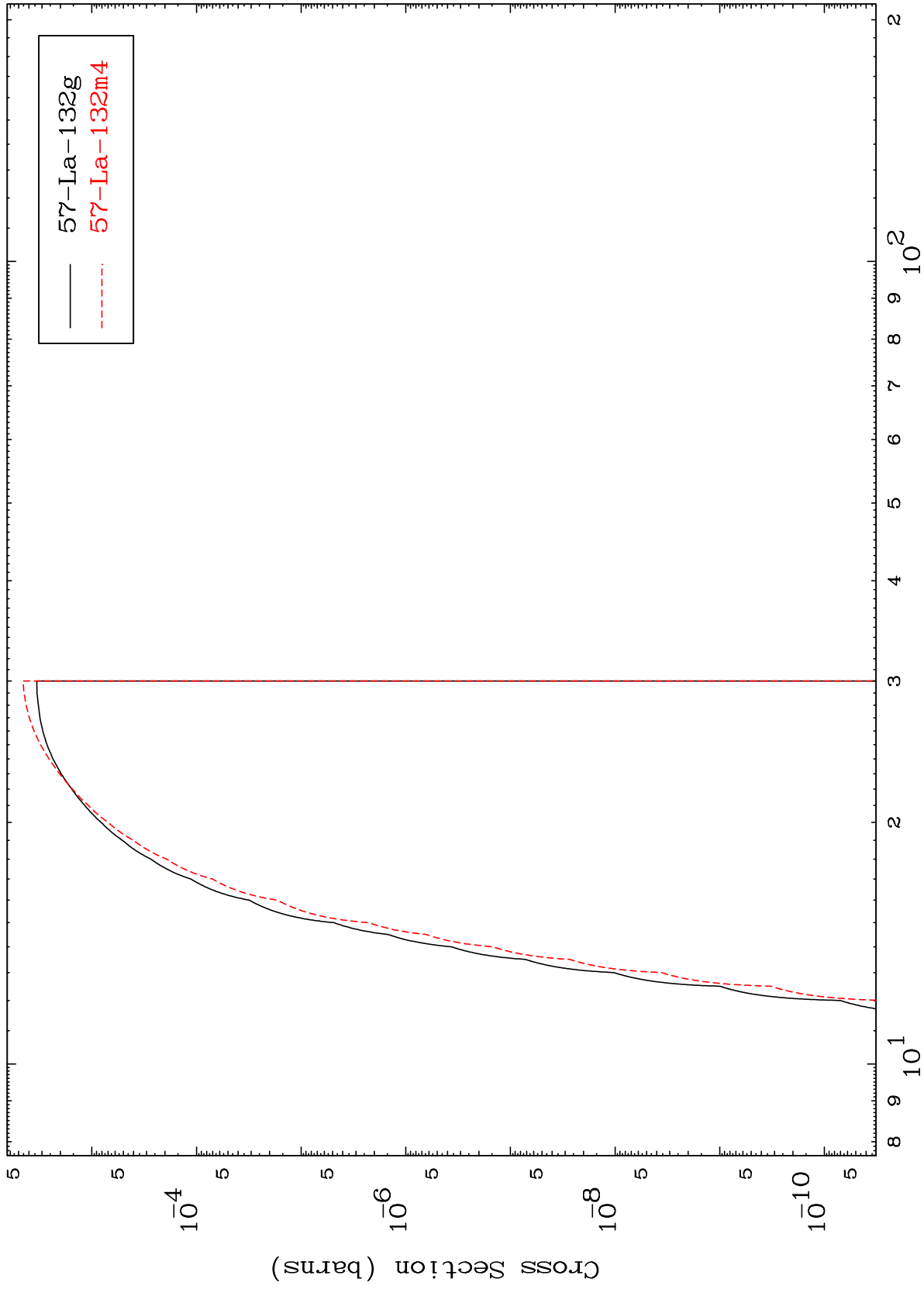
133

58-Ce-134

MAT 5819

58-Ce-134

(n, t)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

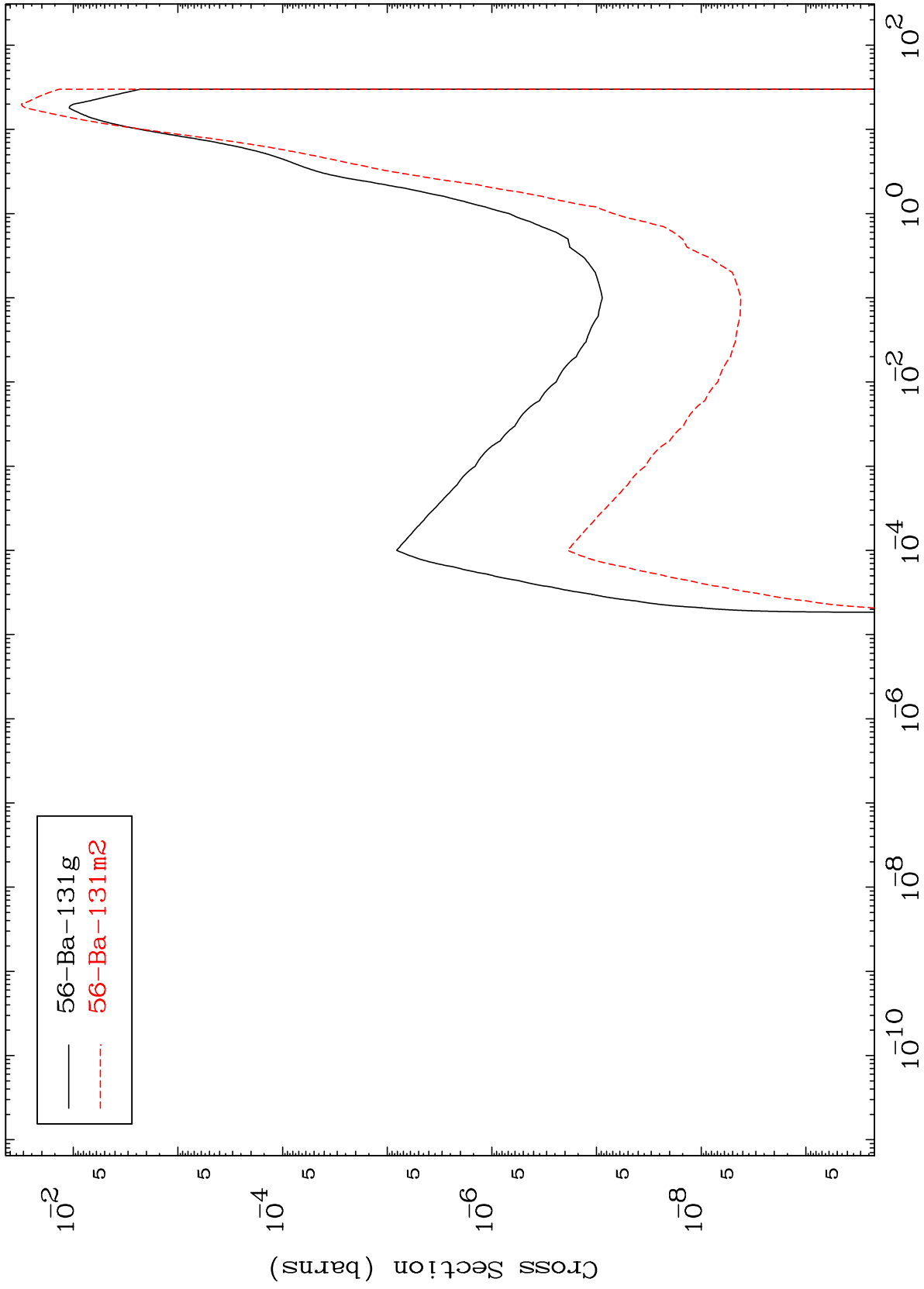
58-Ce-134

MAT 5819

(n, α)

58-Ce-134

Radionuclide Production Cross Section



135

Incident Energy (MeV)

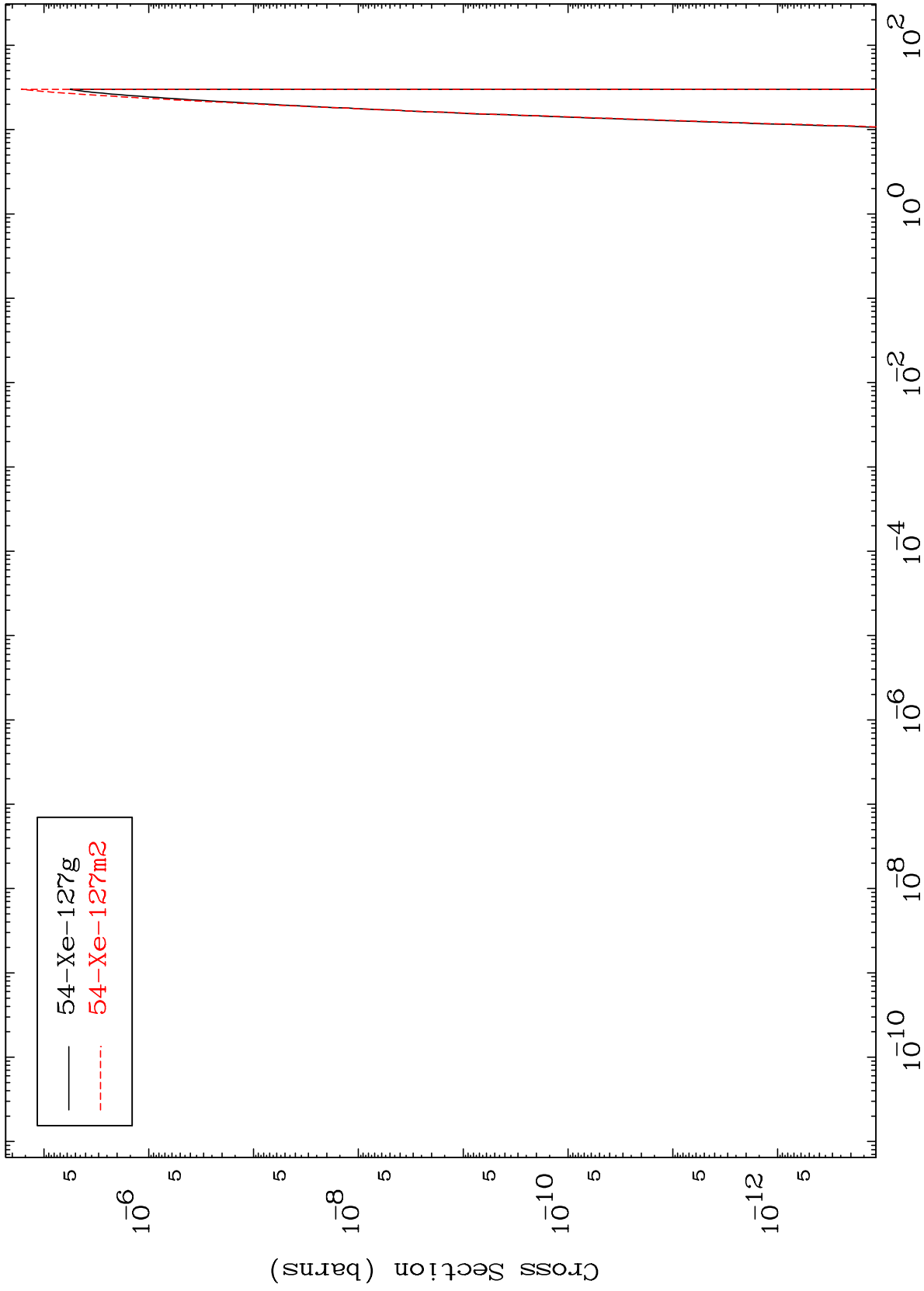
58-Ce-134

MAT 5819

(n,2α)

58-Ce-134

Radionuclide Production Cross Section



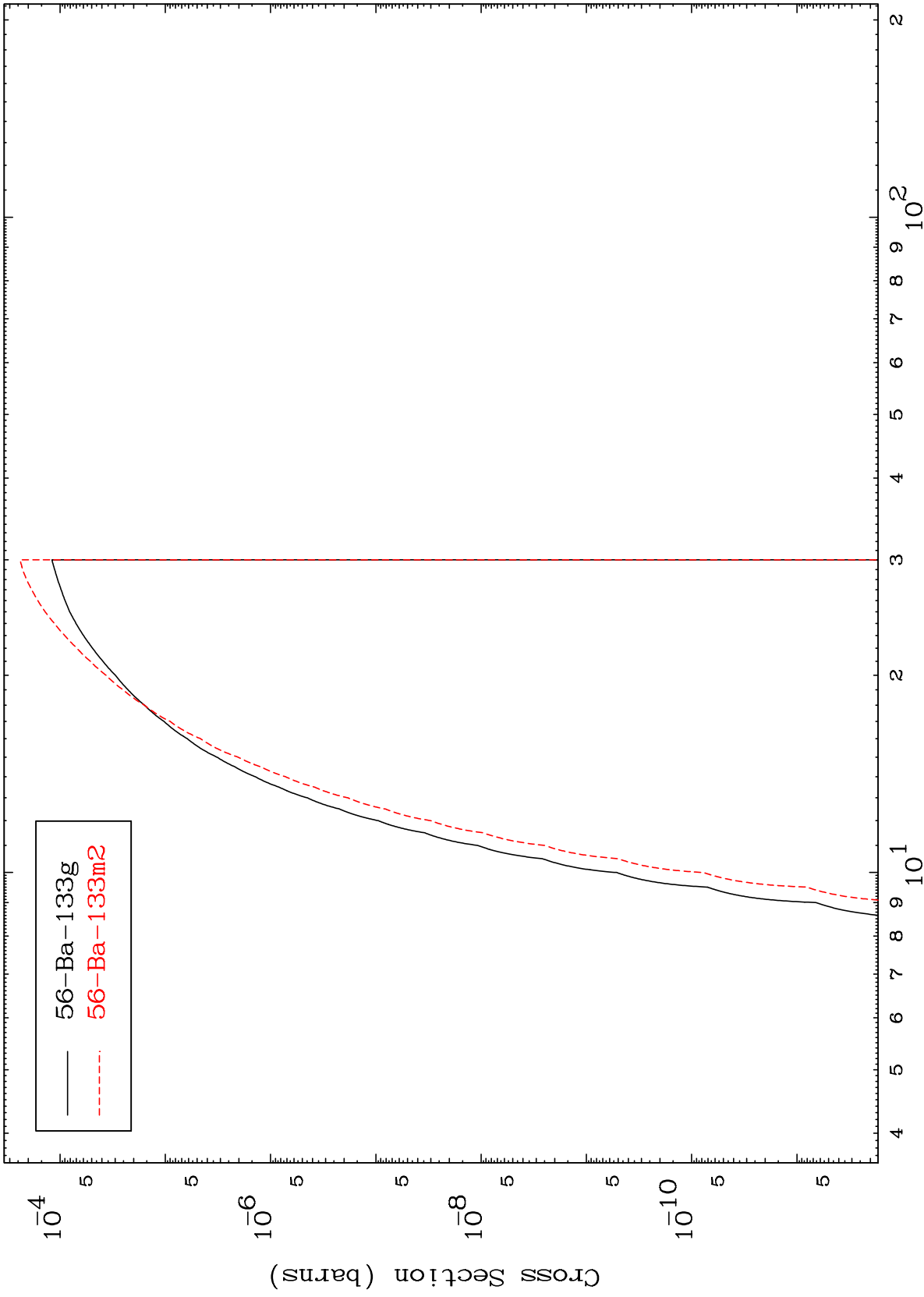
136

58-Ce-134

MAT 5819

58-Ce-134

(n,2p)
Radionuclide Production Cross Section



137

58-Ce-134

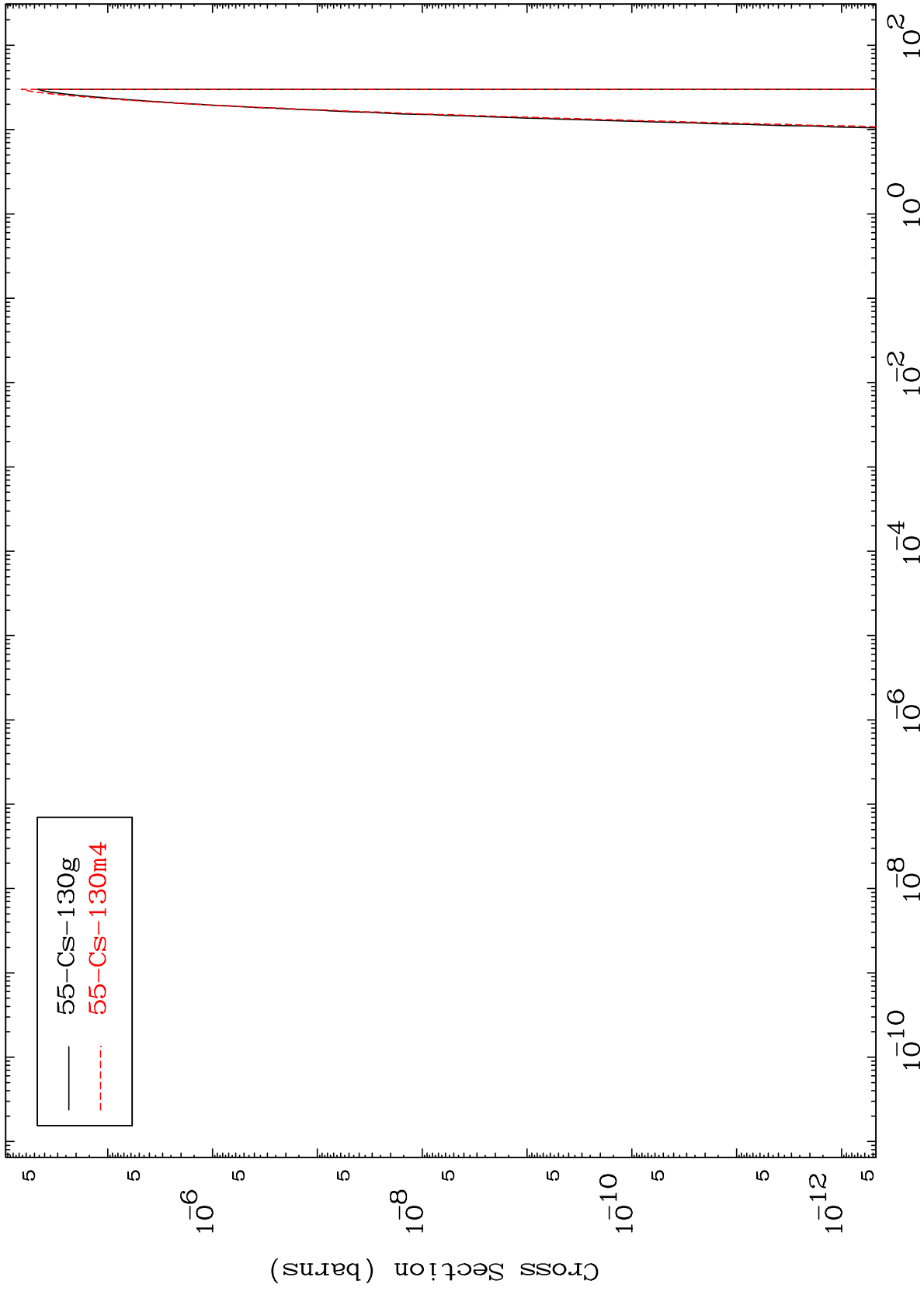
Incident Energy (MeV)

MAT 5819

(n,p) α

58-Ce-134

Radionuclide Production Cross Section



138

Incident Energy (MeV)

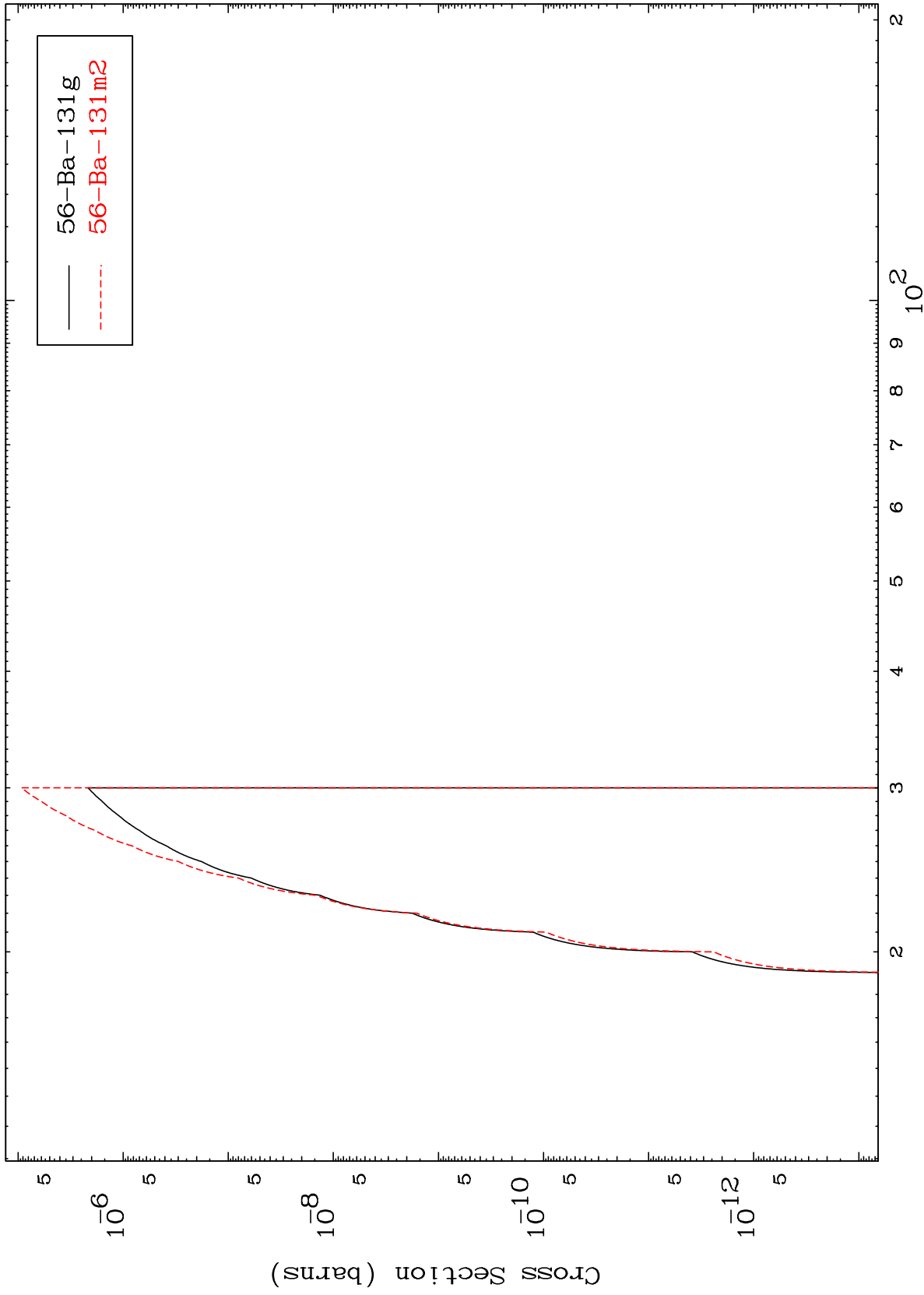
58-Ce-134

MAT 5819

(n,p) t

58-Ce-134

Radionuclide Production Cross Section



139

Incident Energy (MeV)

58-Ce-134