

Program EVALPLOT
(Version 2018-1)

by

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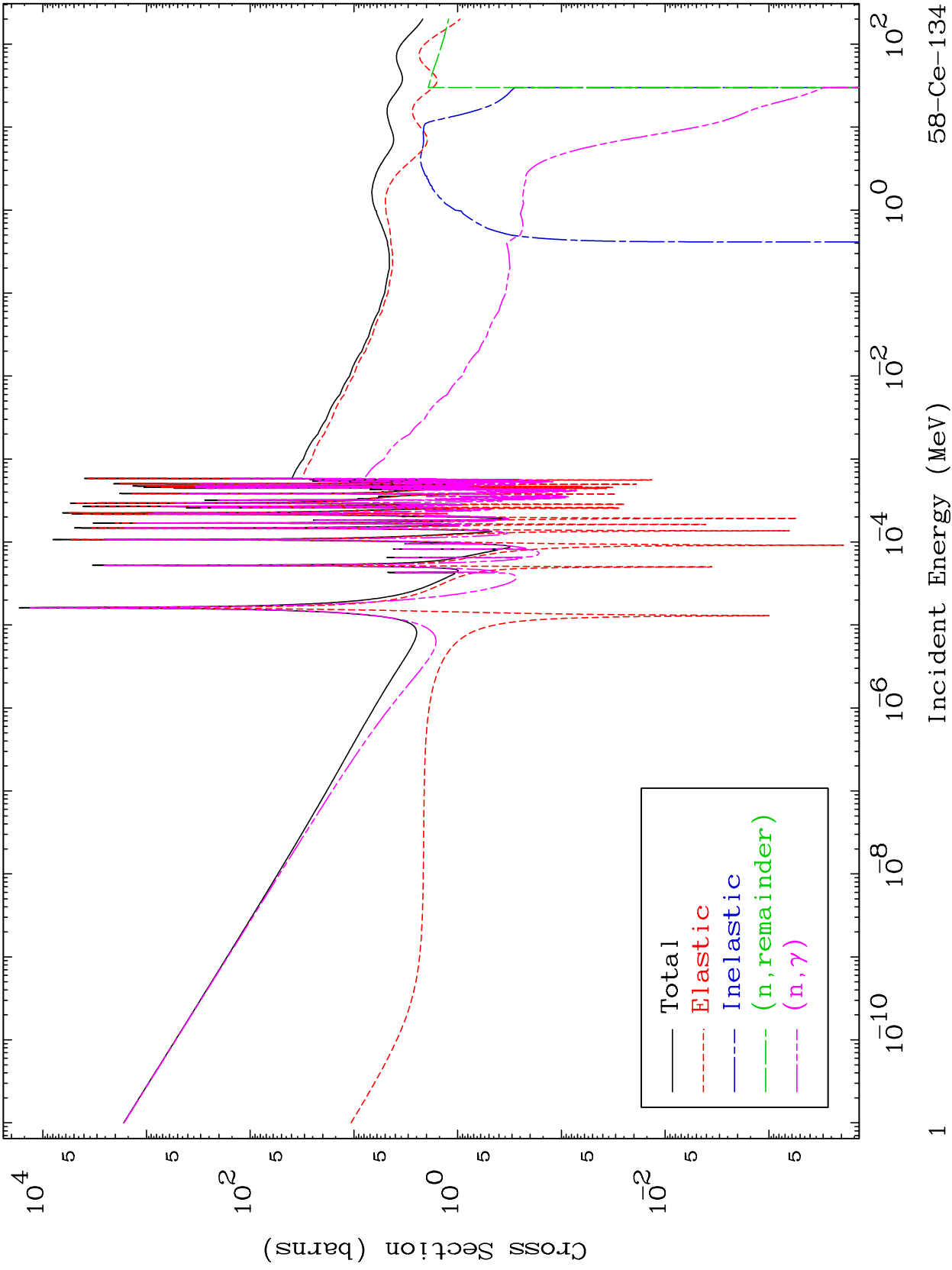
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5819

Major
293 Kelvin Cross Sections

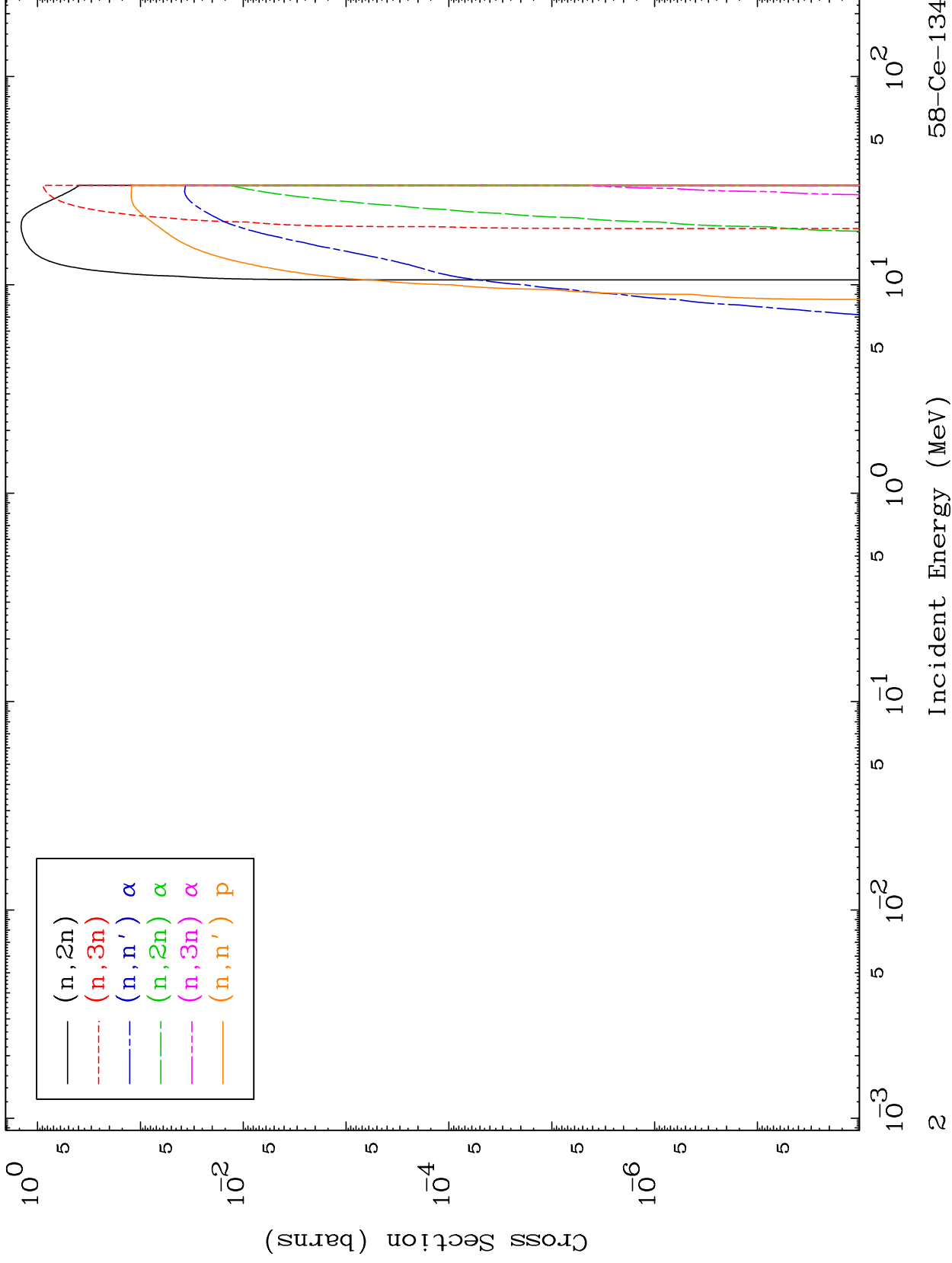
58-Ce-134



MAT 5819

Neutron Production
293 Kelvin Cross Sections

58-Ce-134

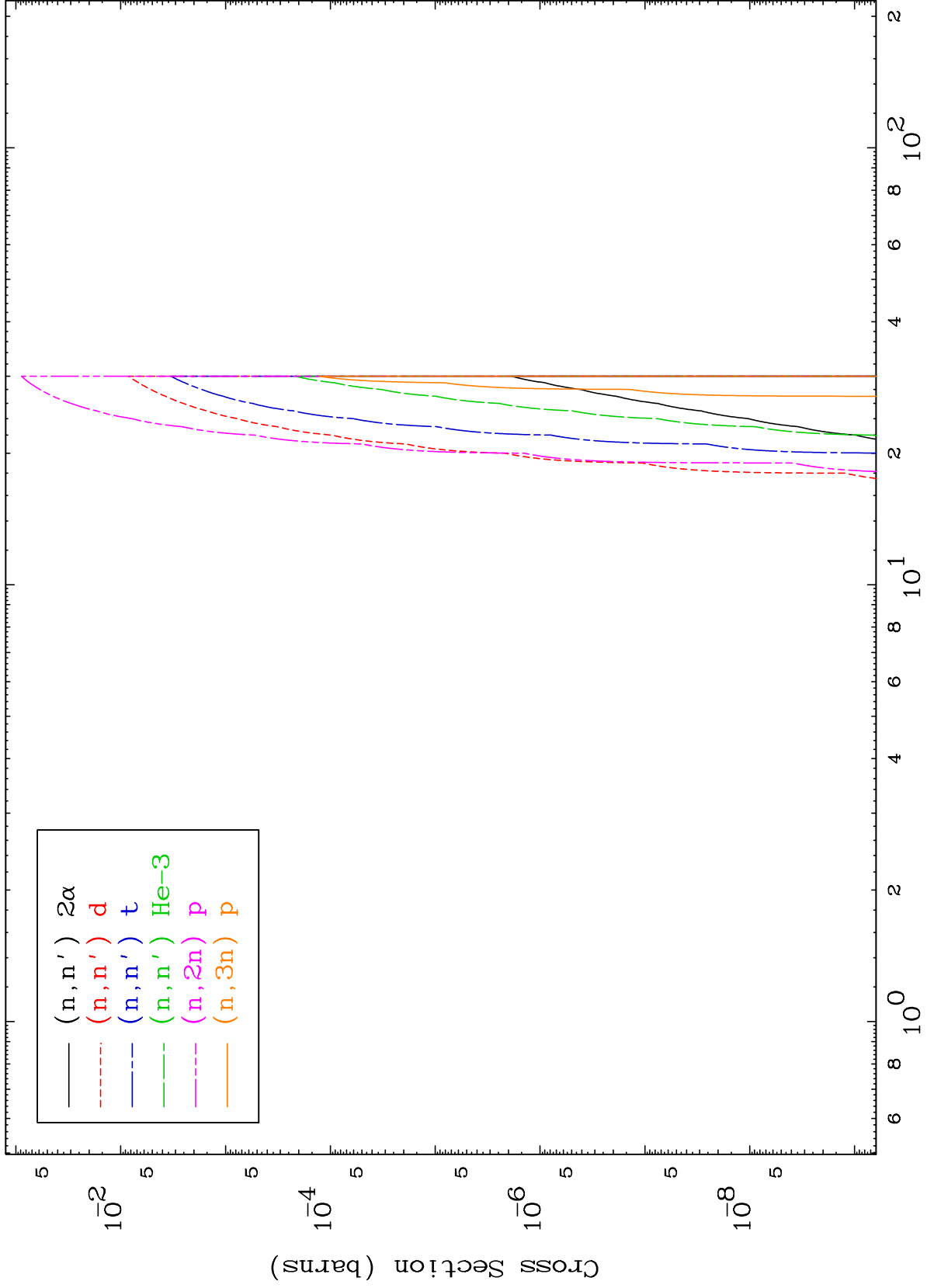


MAT 5819

Neutron Production

58-Ce-134

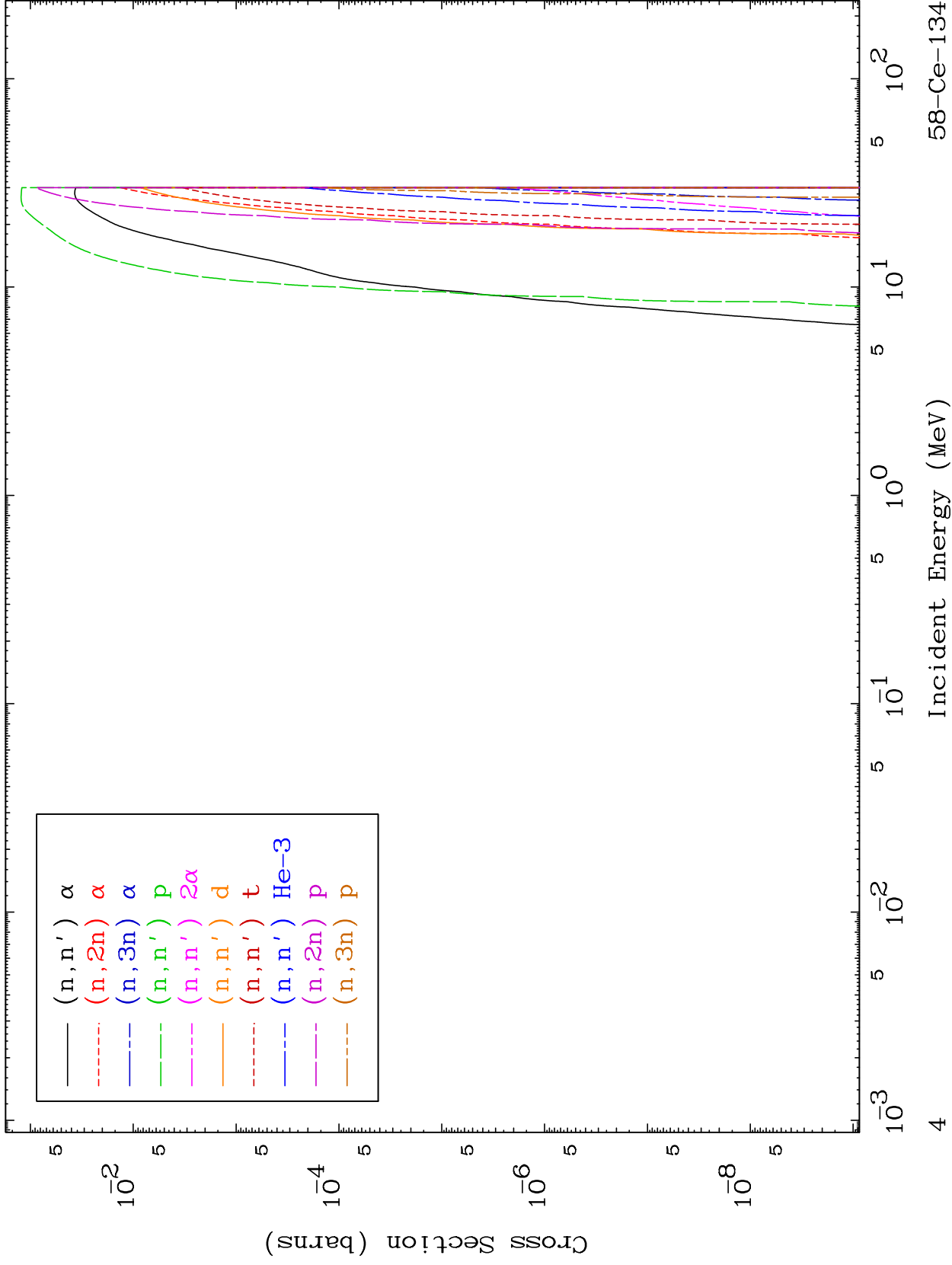
293 Kelvin Cross Sections



MAT 5819

Charged Particle
293 Kelvin Cross Sections

58-Ce-134



58-Ce-134

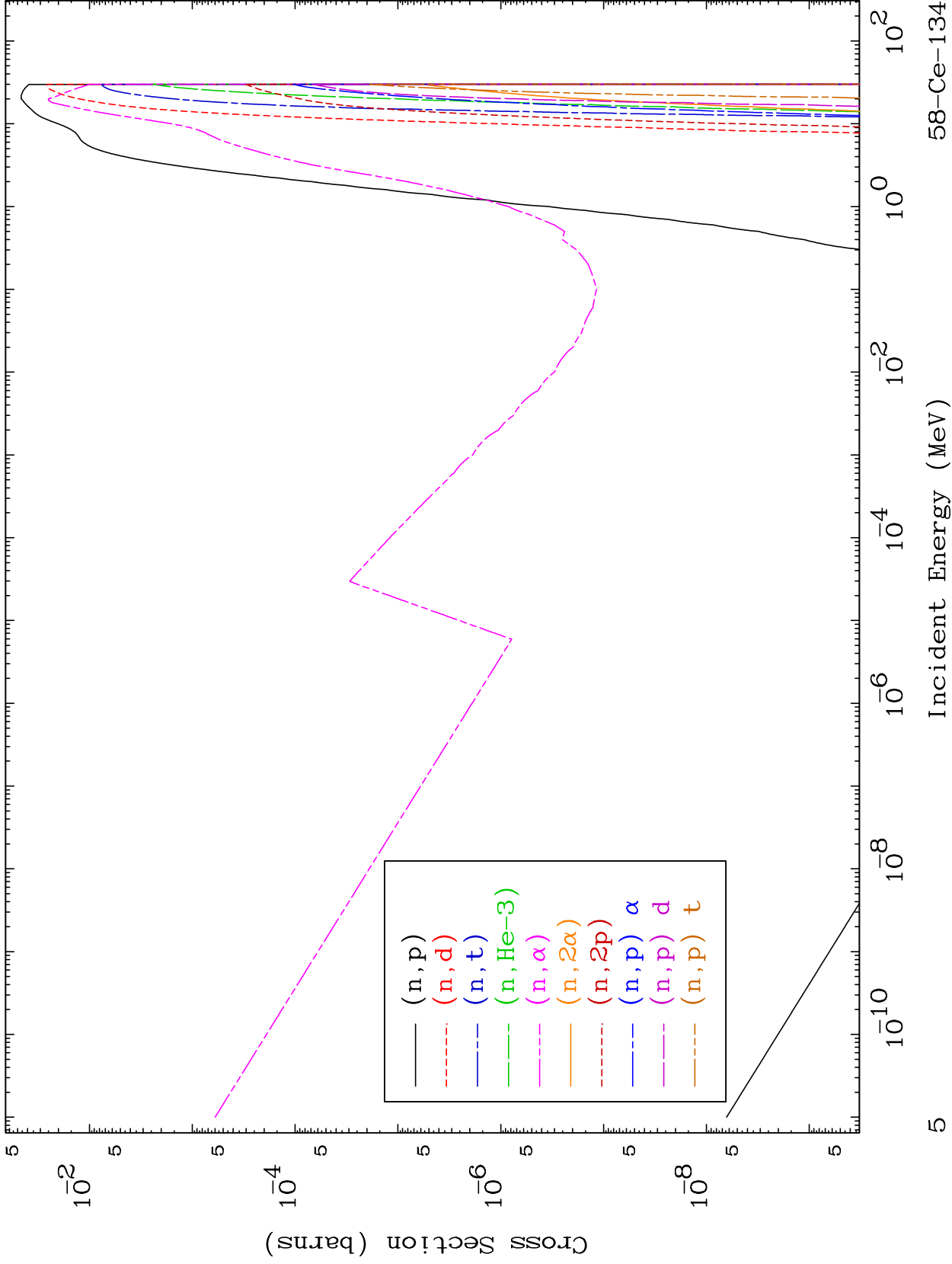
Incident Energy (MeV)

4

MAT 5819

Charged Particle
293 Kelvin Cross Sections

58-Ce-134



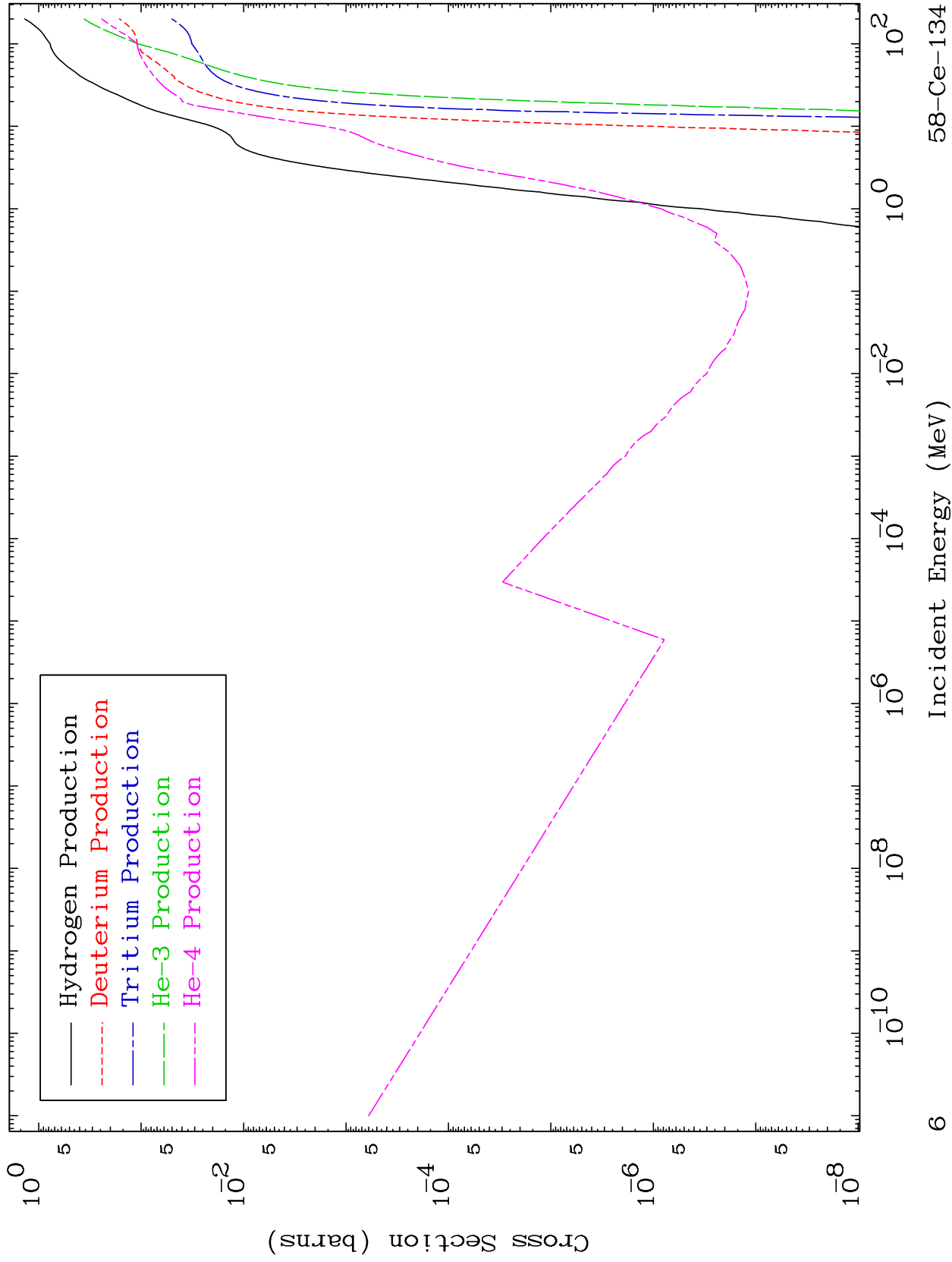
5

58-Ce-134

MAT 5819

Particle Production
293 Kelvin Cross Sections

58-Ce-134

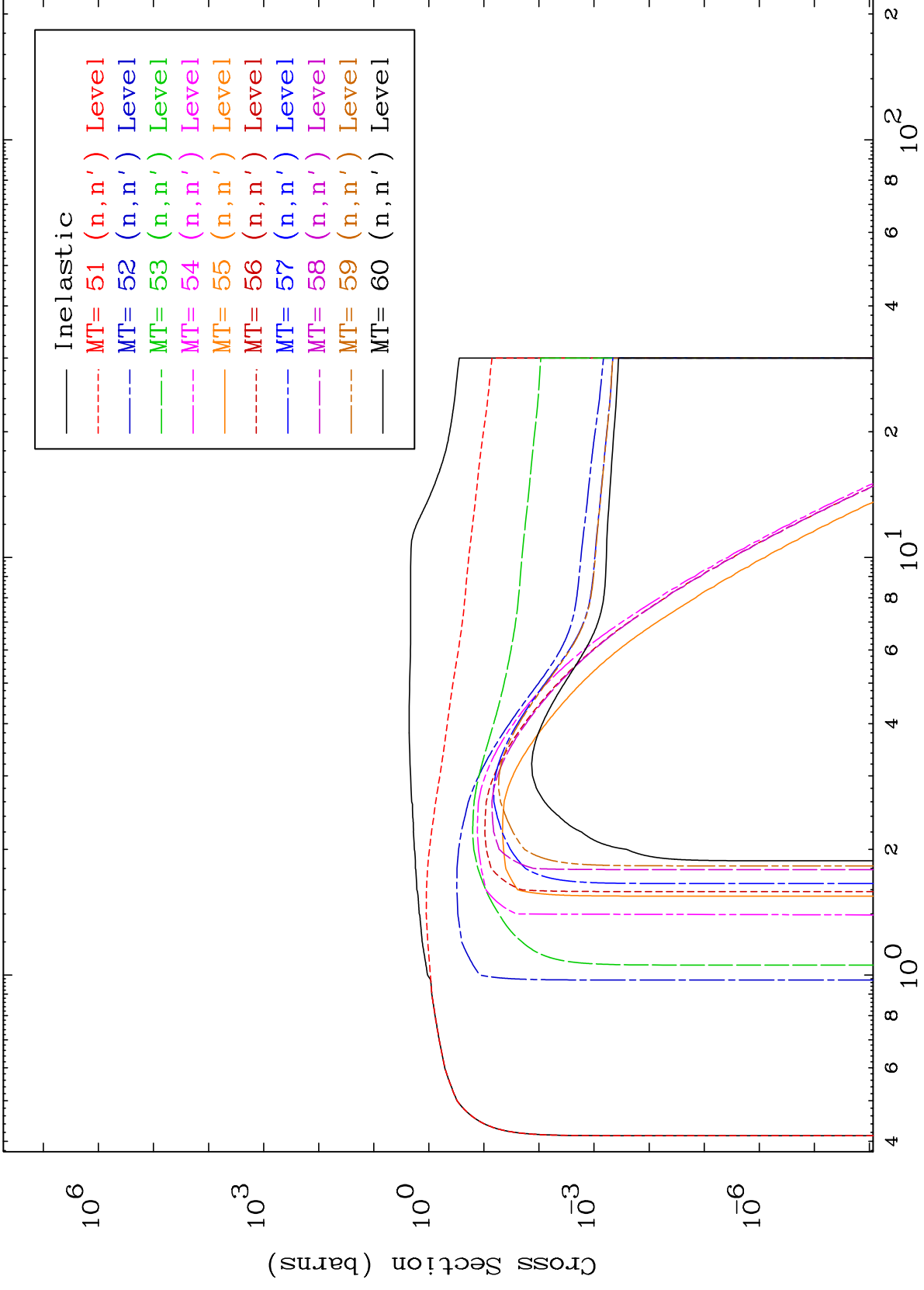


MAT 5819

(n,n') Level

58-Ce-134

293 Kelvin Cross Sections

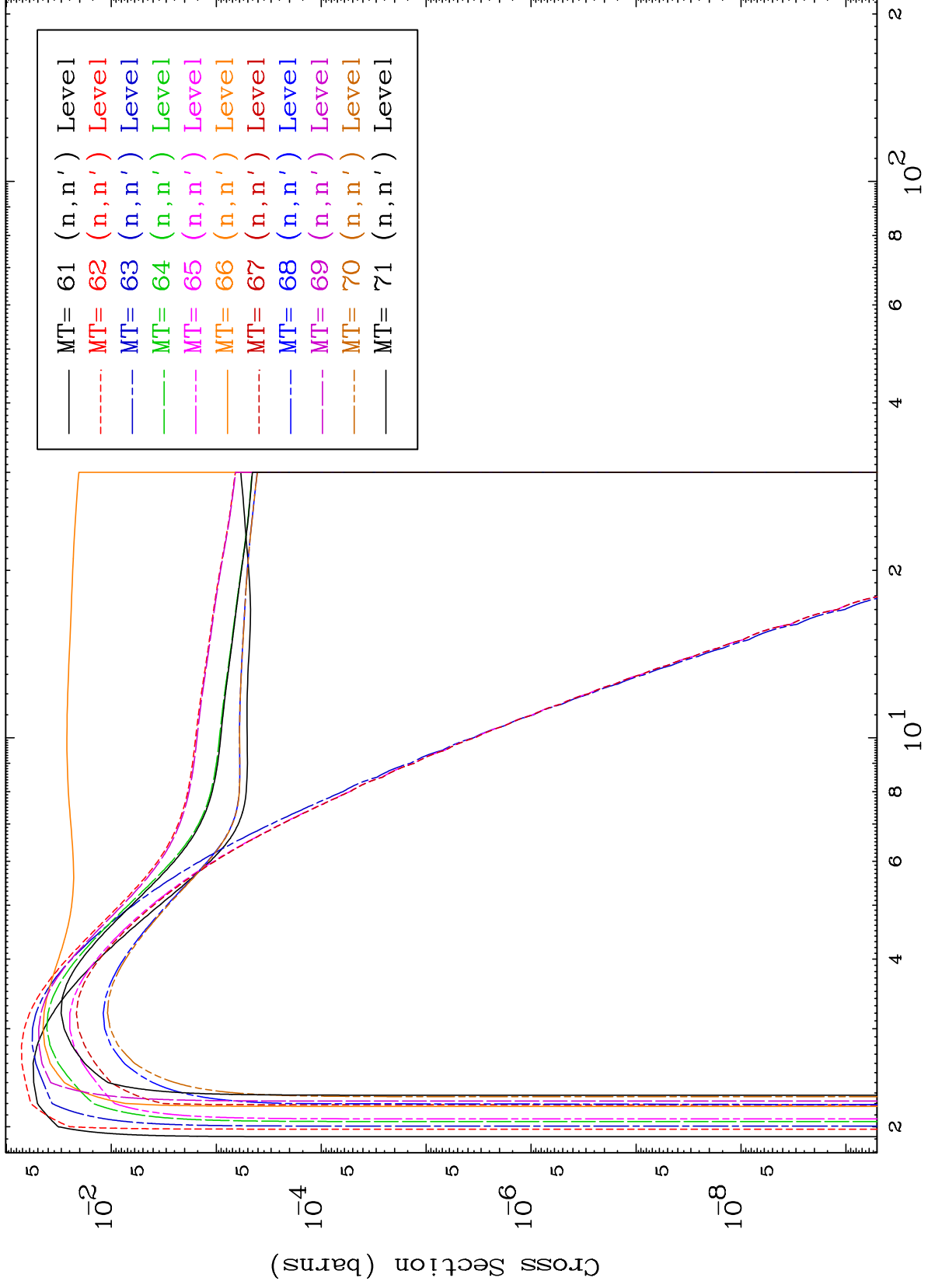


MAT 5819

(n,n') Level

58-Ce-134

293 Kelvin Cross Sections

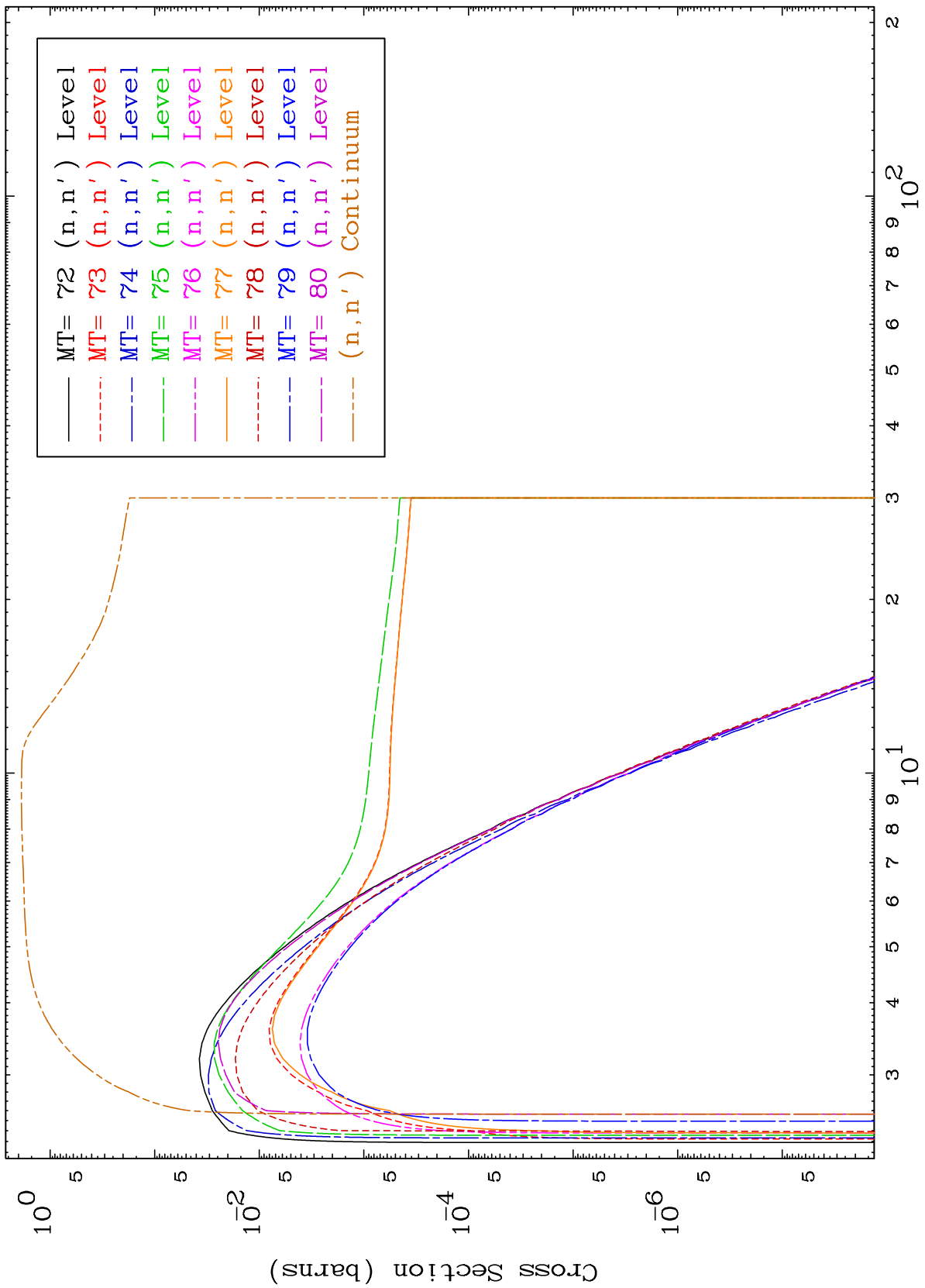


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Incident Energy (MeV)

58-Ce-134

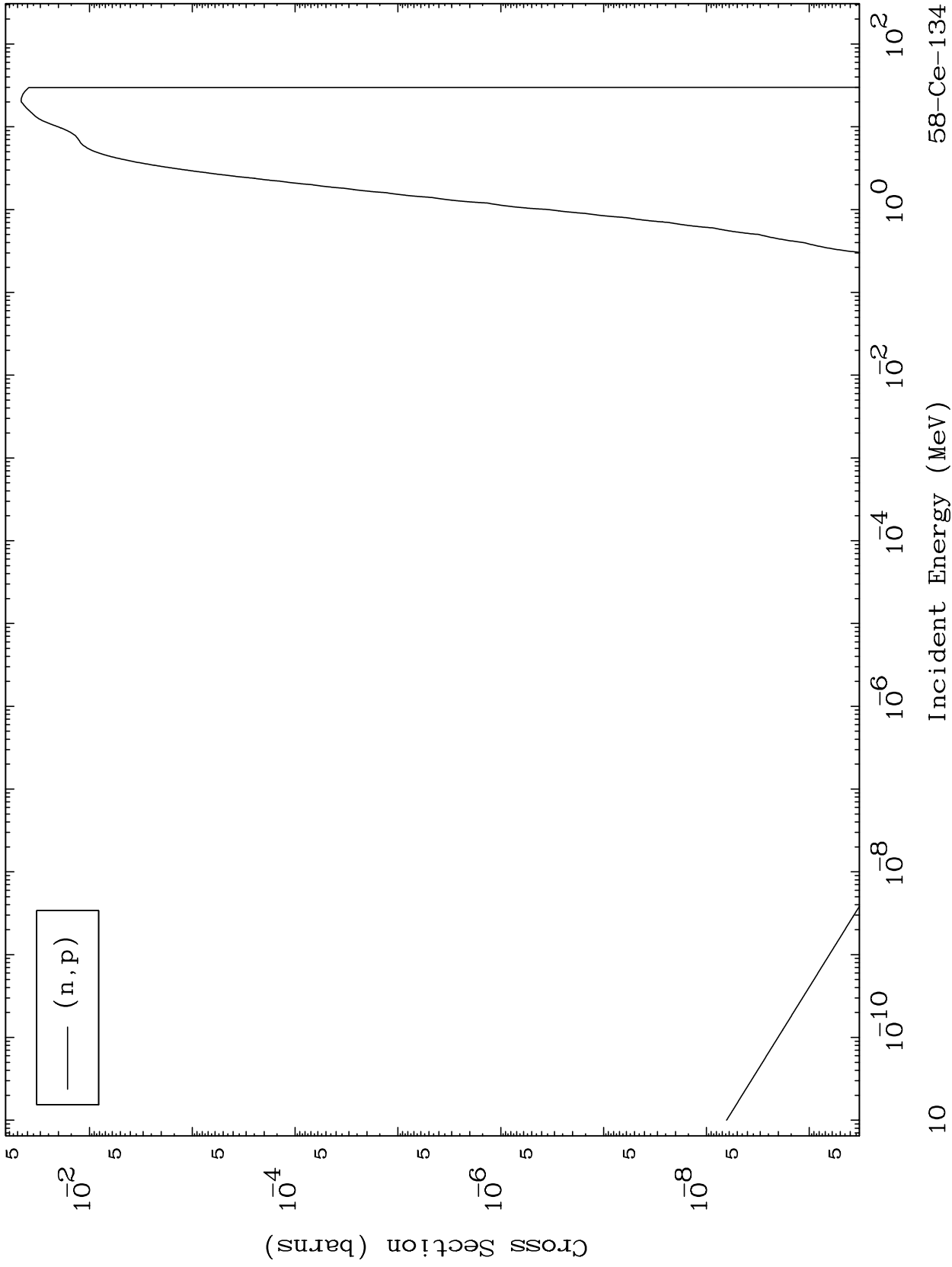
293 Kelvin Cross Sections



MAT 5819

(n,p) Levels
293 Kelvin Cross Sections

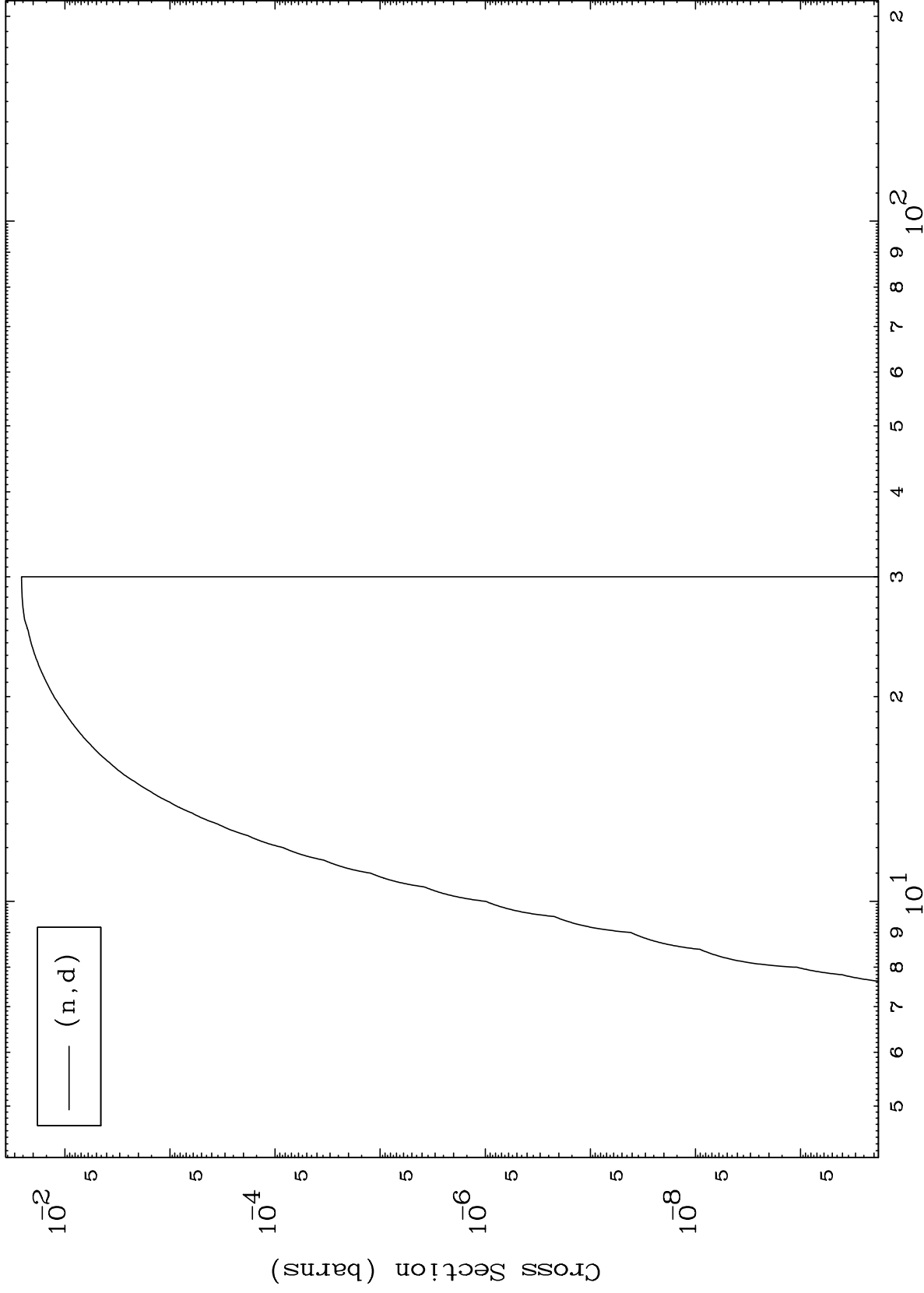
58-Ce-134



MAT 5819

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-134



11

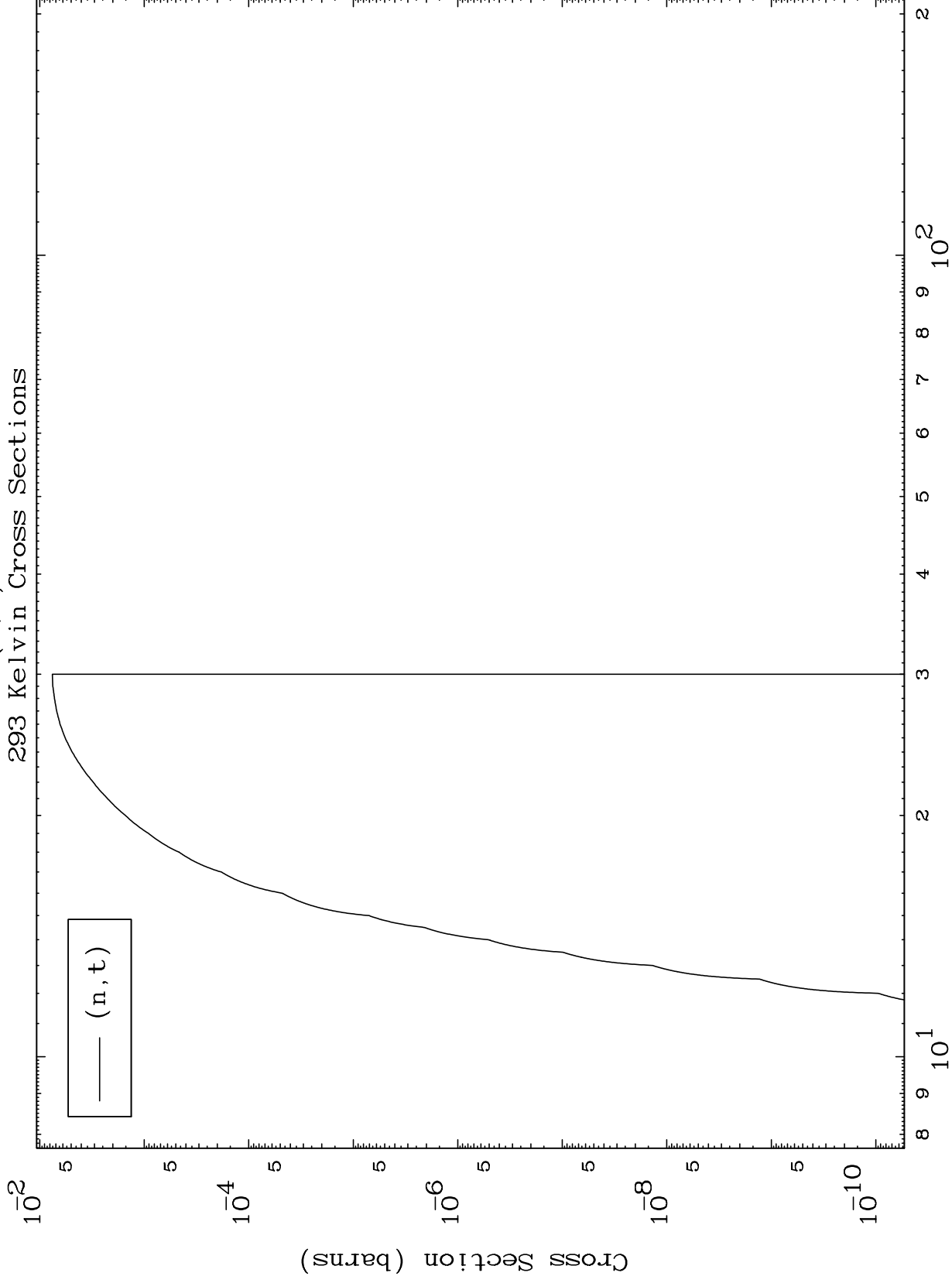
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-134



12

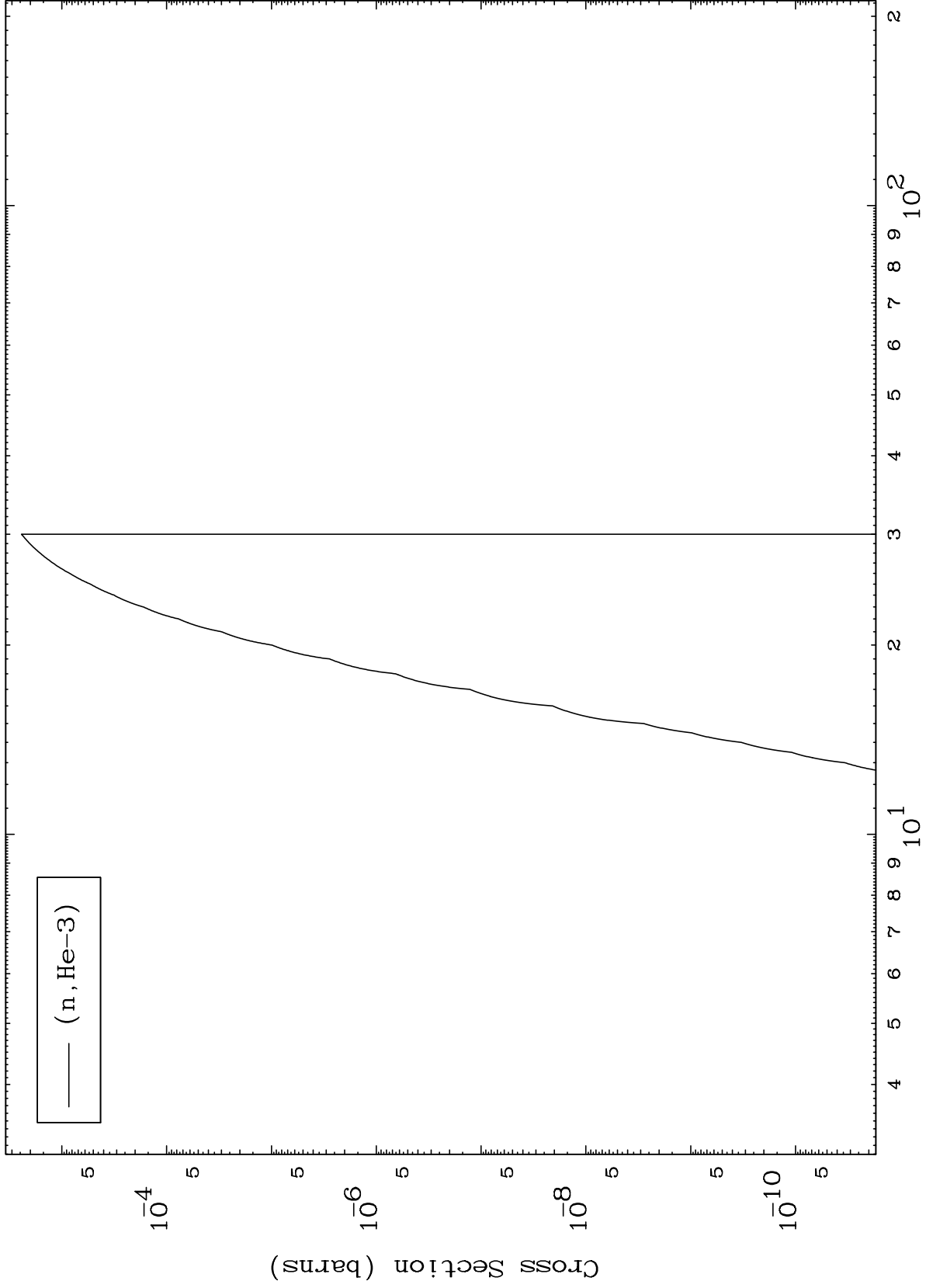
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-134



13

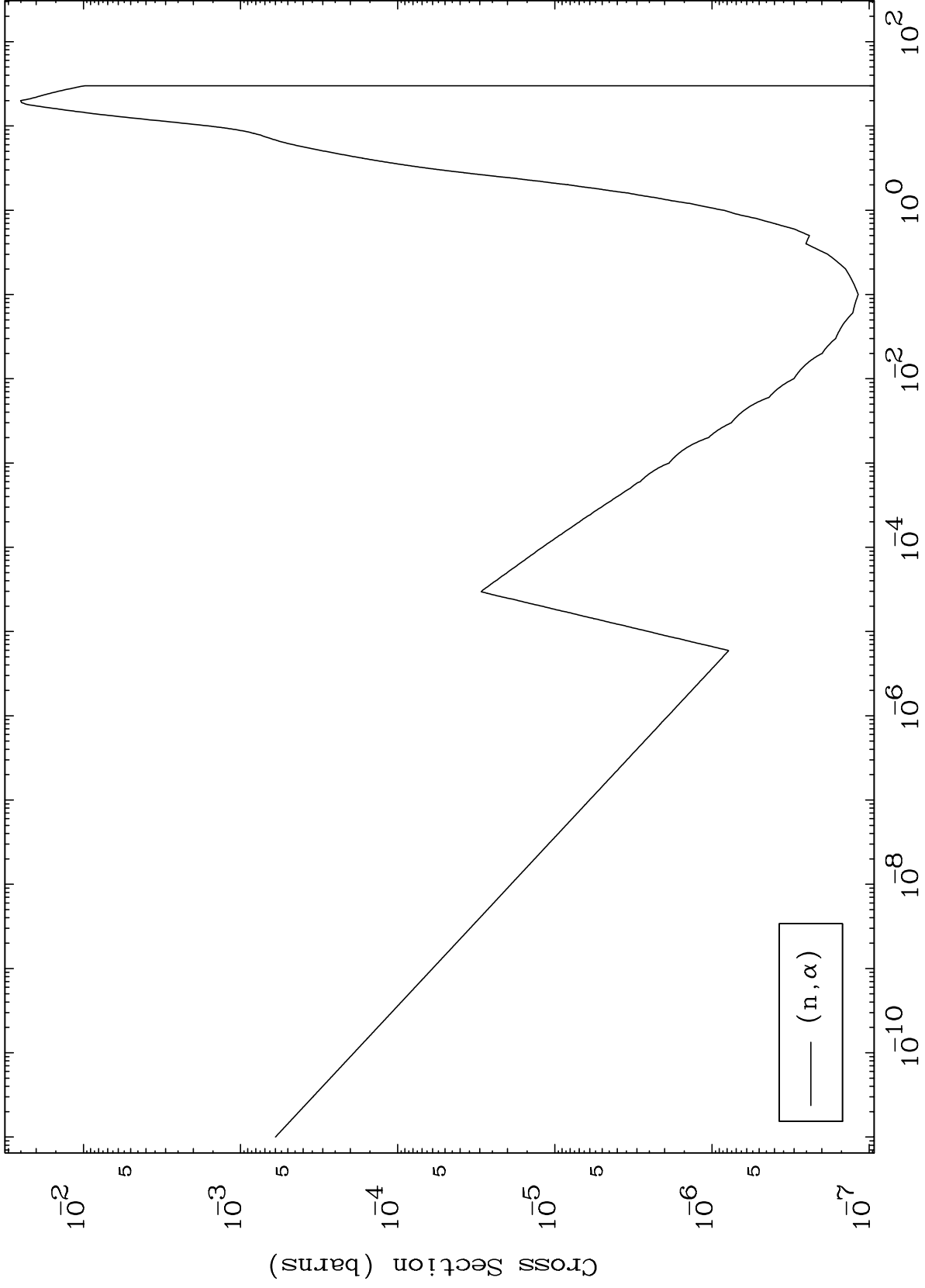
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n, α) Levels
293 Kelvin Cross Sections

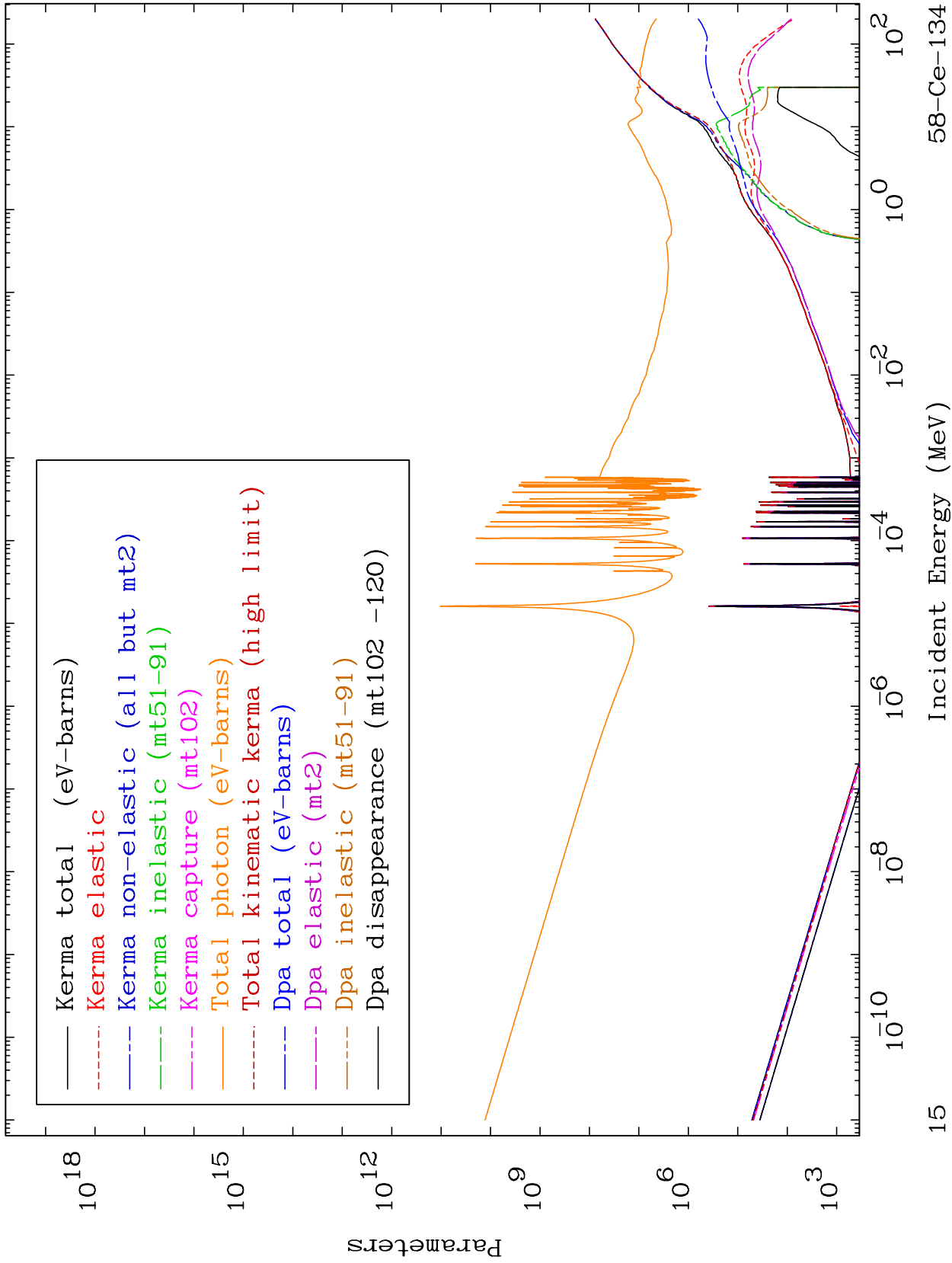
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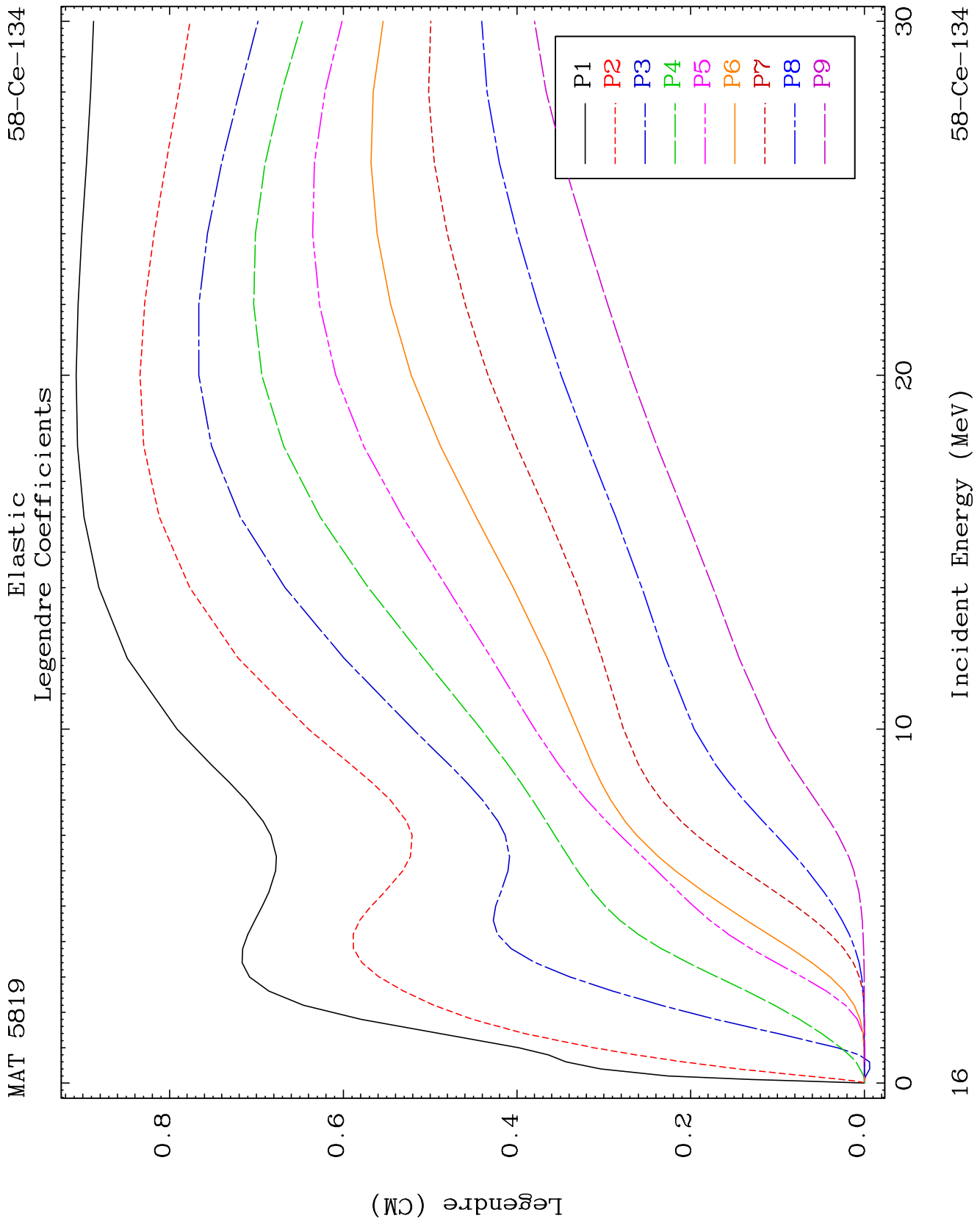


14

Incident Energy (MeV)

58-Ce-134

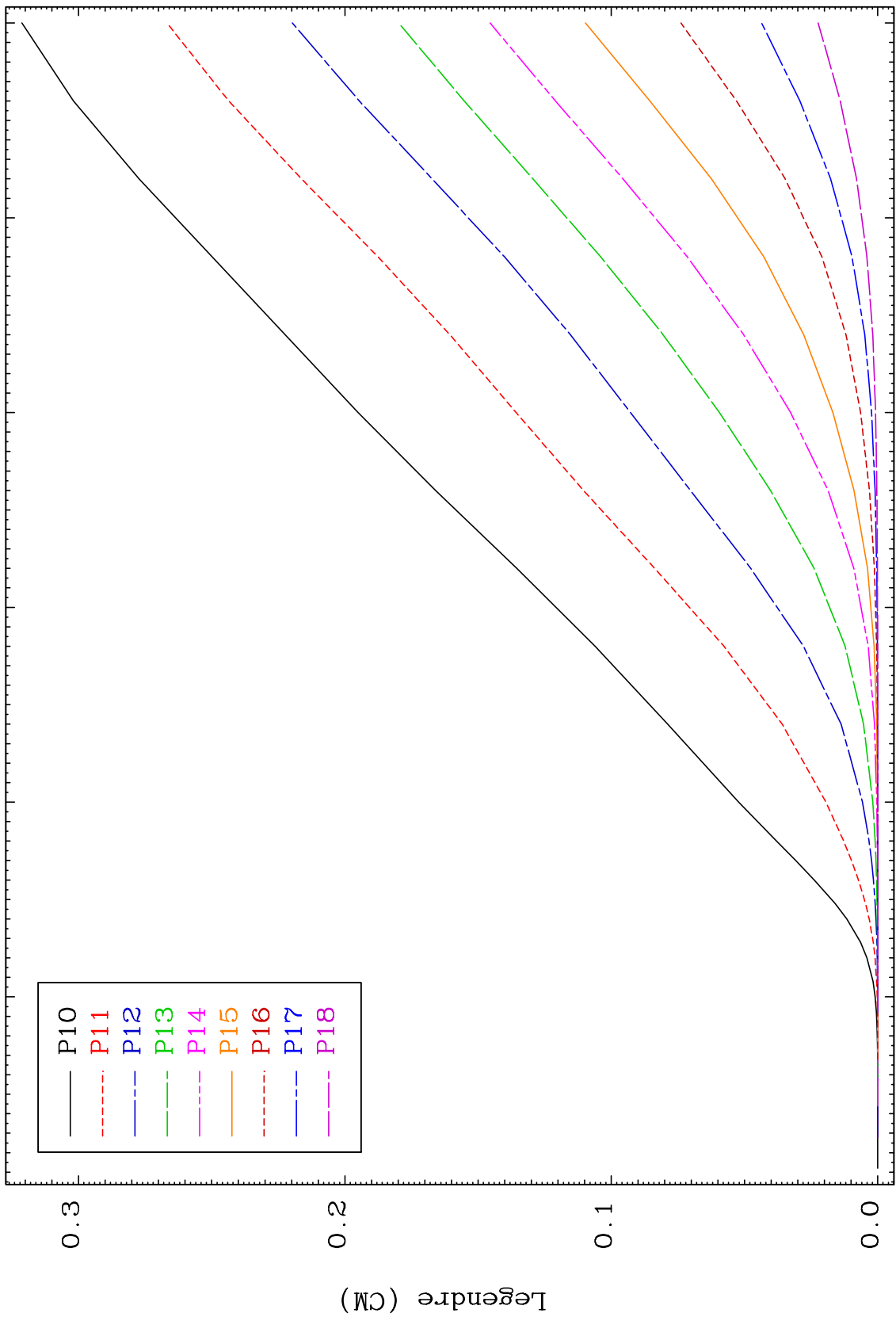




MAT 5819

Elastic Legendre Coefficients

58-Ce-134



17

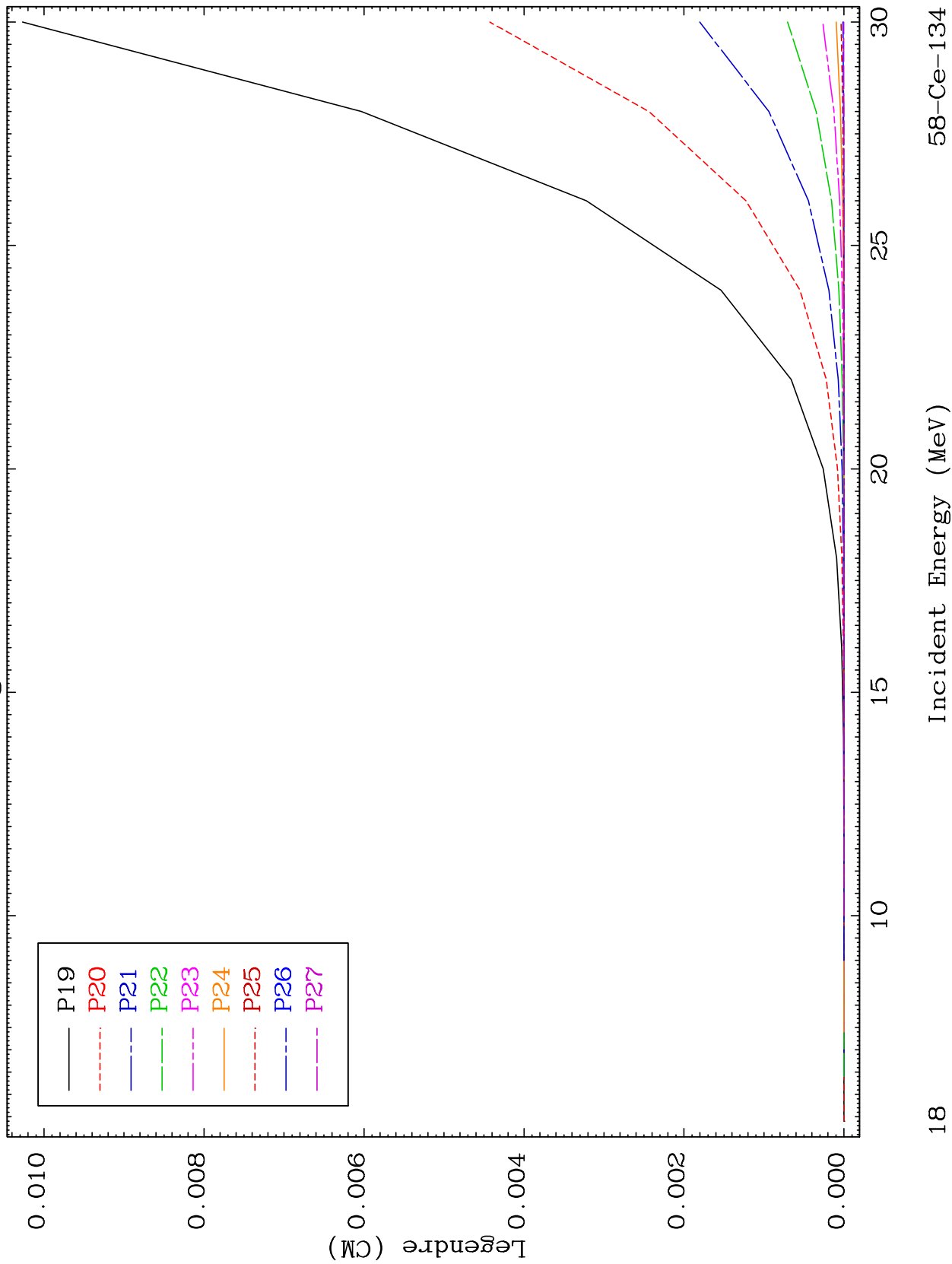
Incident Energy (MeV)

58-Ce-134

MAT 5819

Elastic Legendre Coefficients

58-Ce-134



18

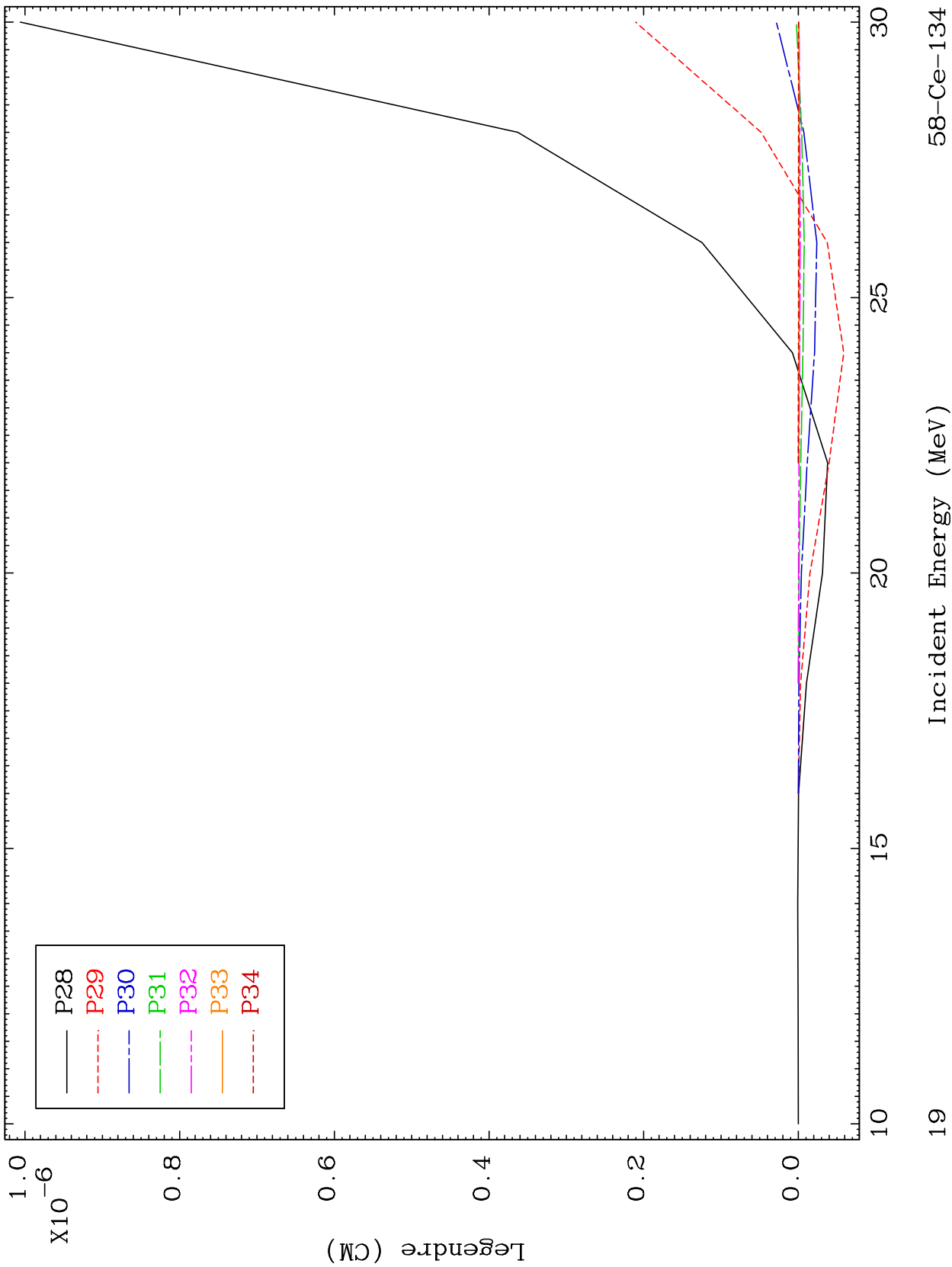
Incident Energy (MeV)

58-Ce-134

MAT 5819

Elastic Legendre Coefficients

58-Ce-134



19

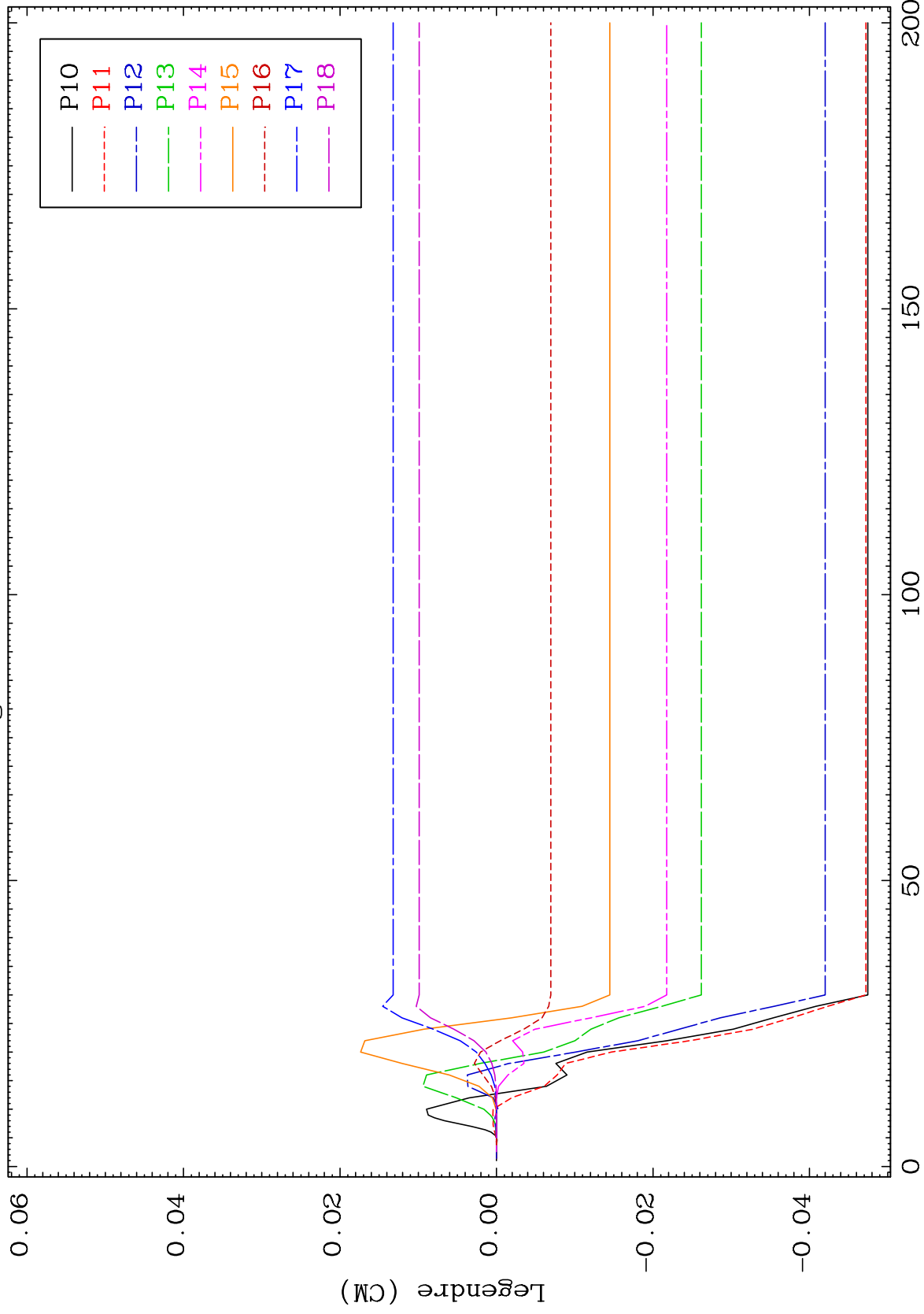
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



21

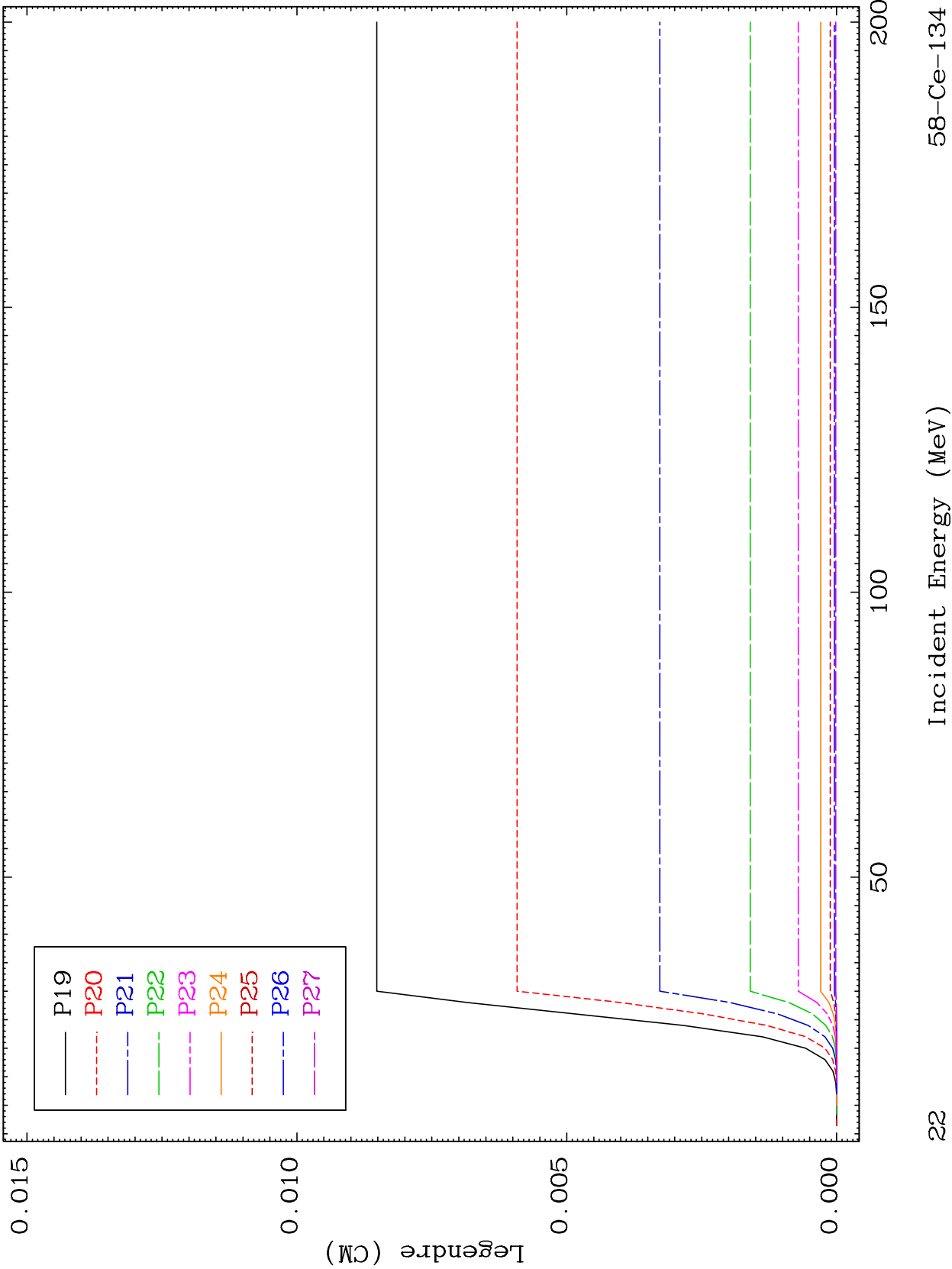
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



22

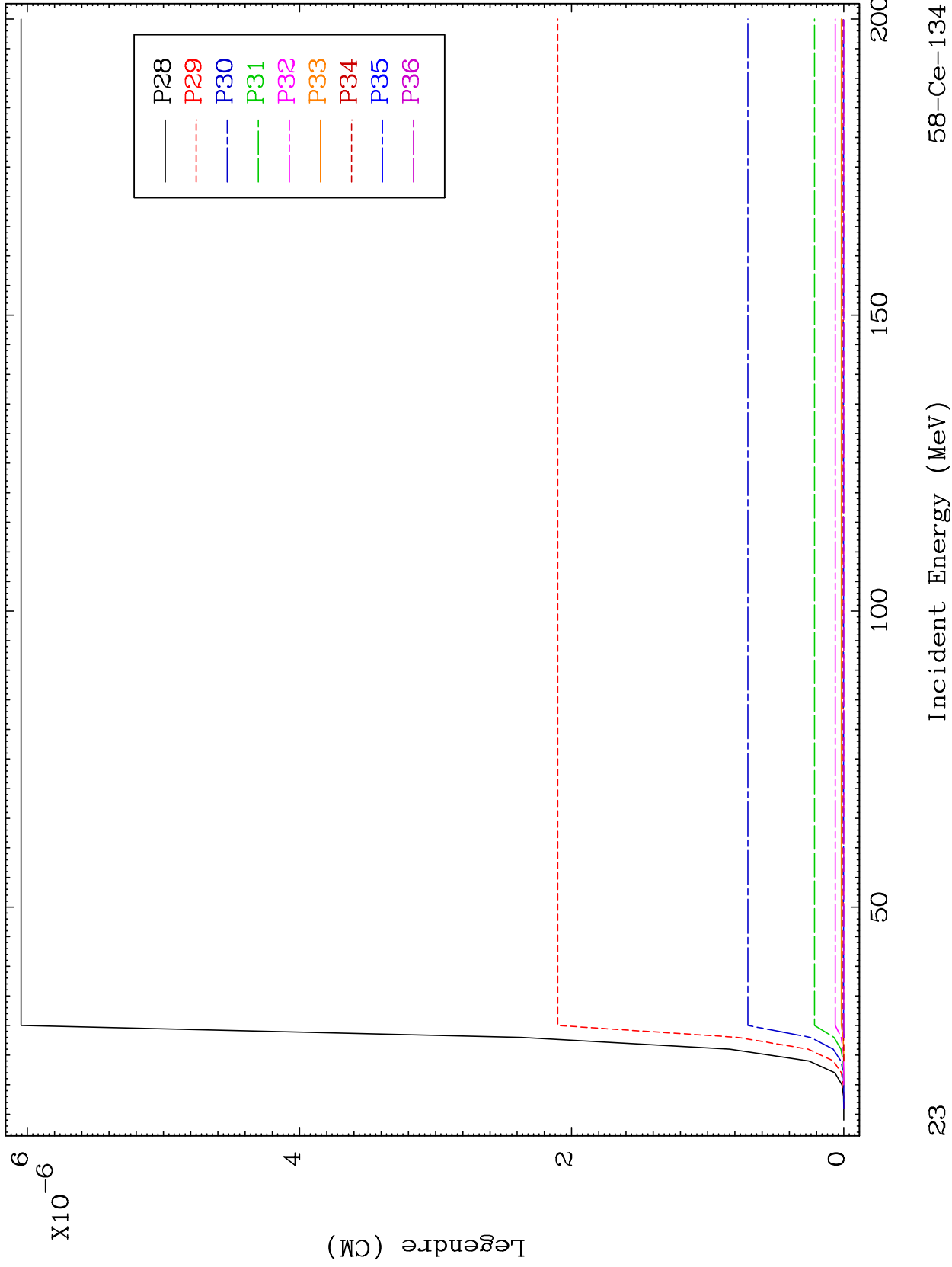
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

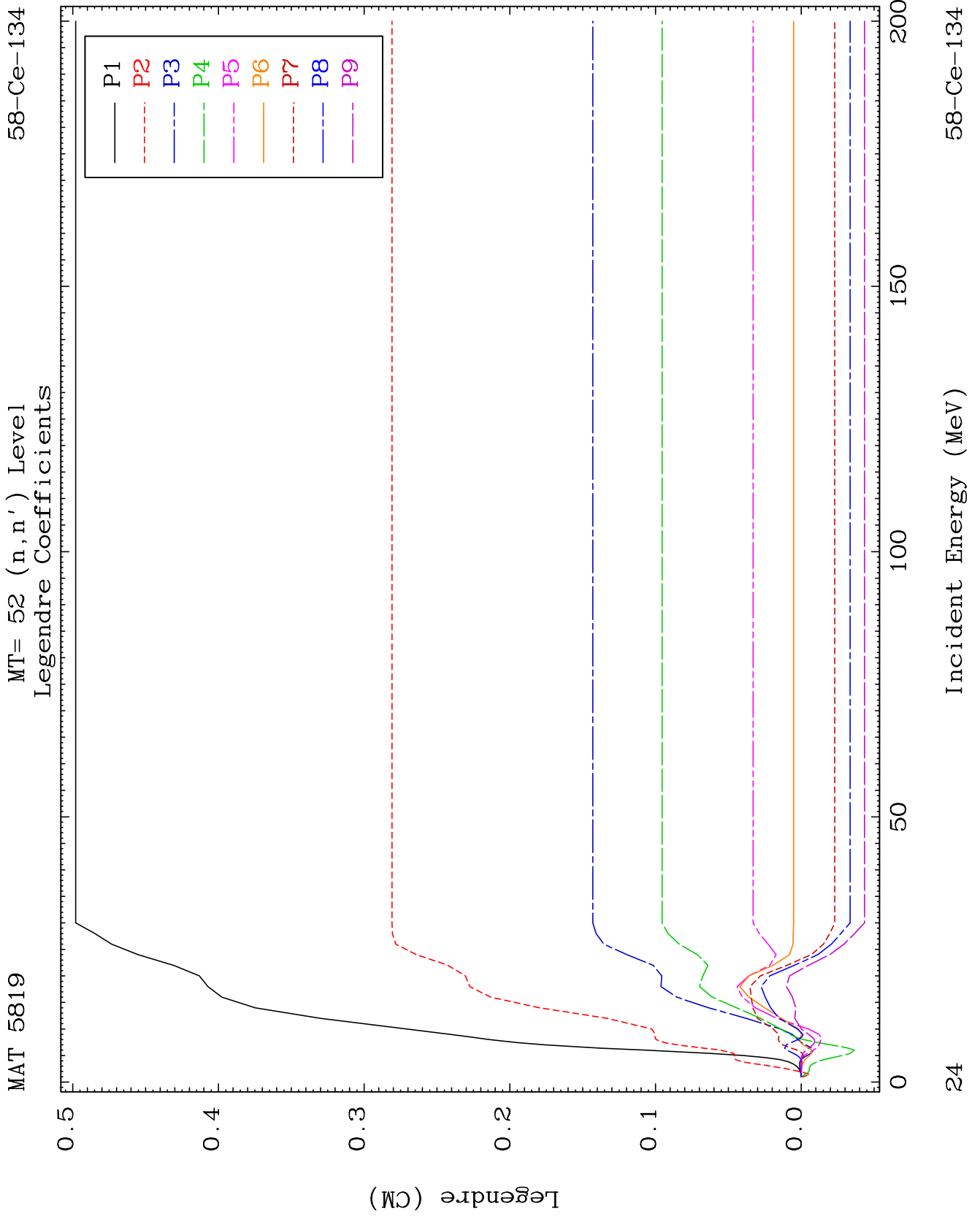
58-Ce-134

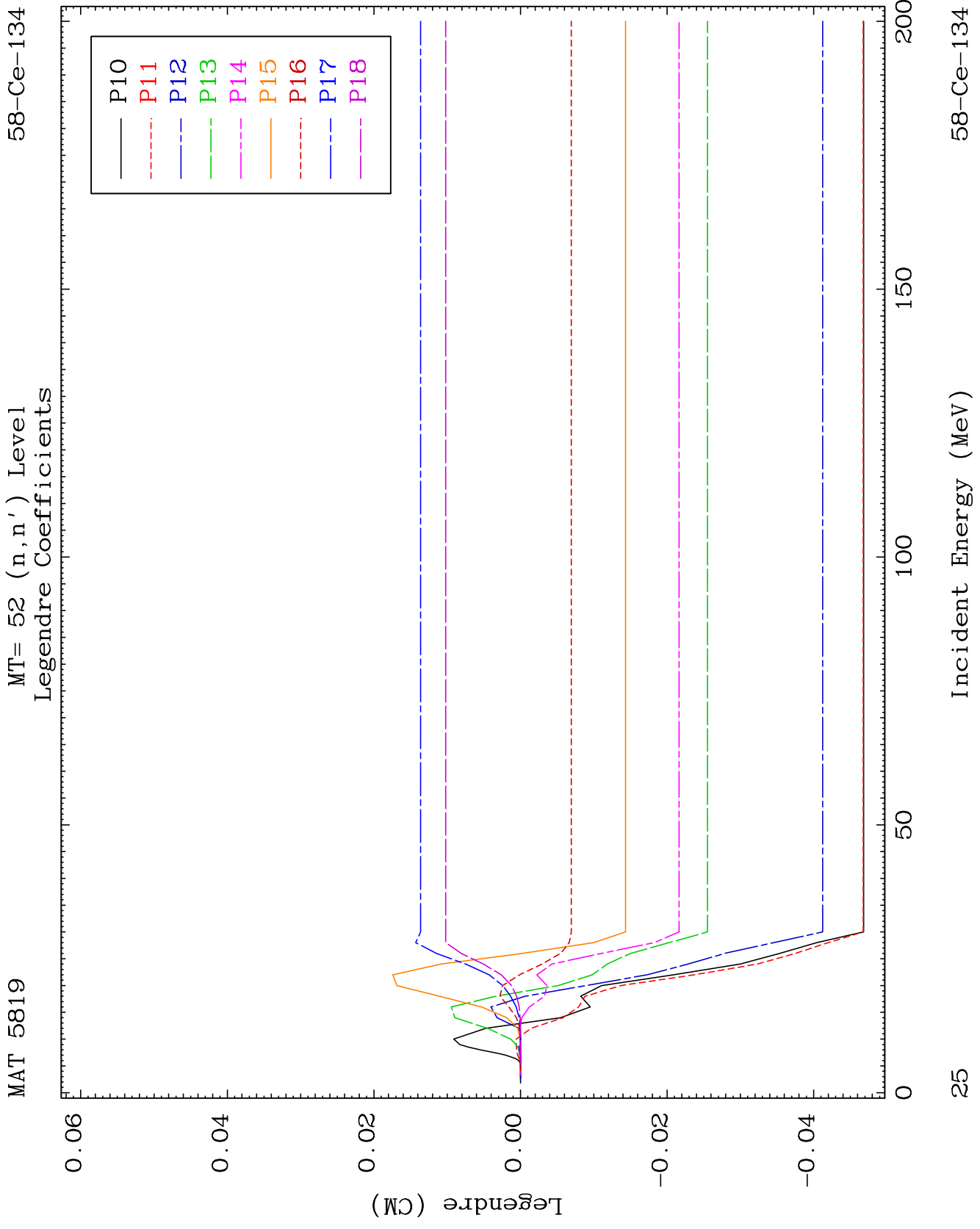


23

Incident Energy (MeV)

58-Ce-134

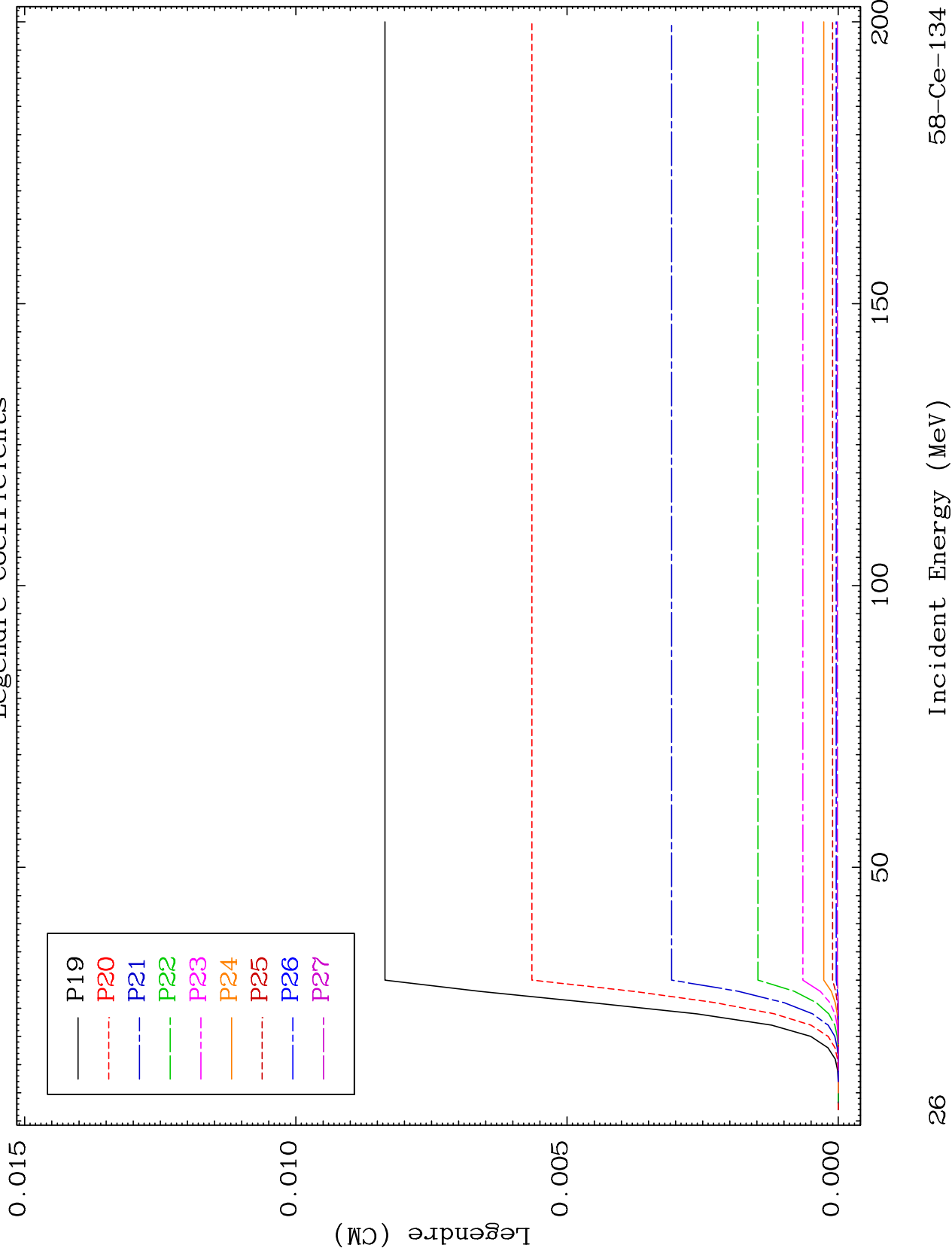




MAT 5819

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

58-Ce-134



26

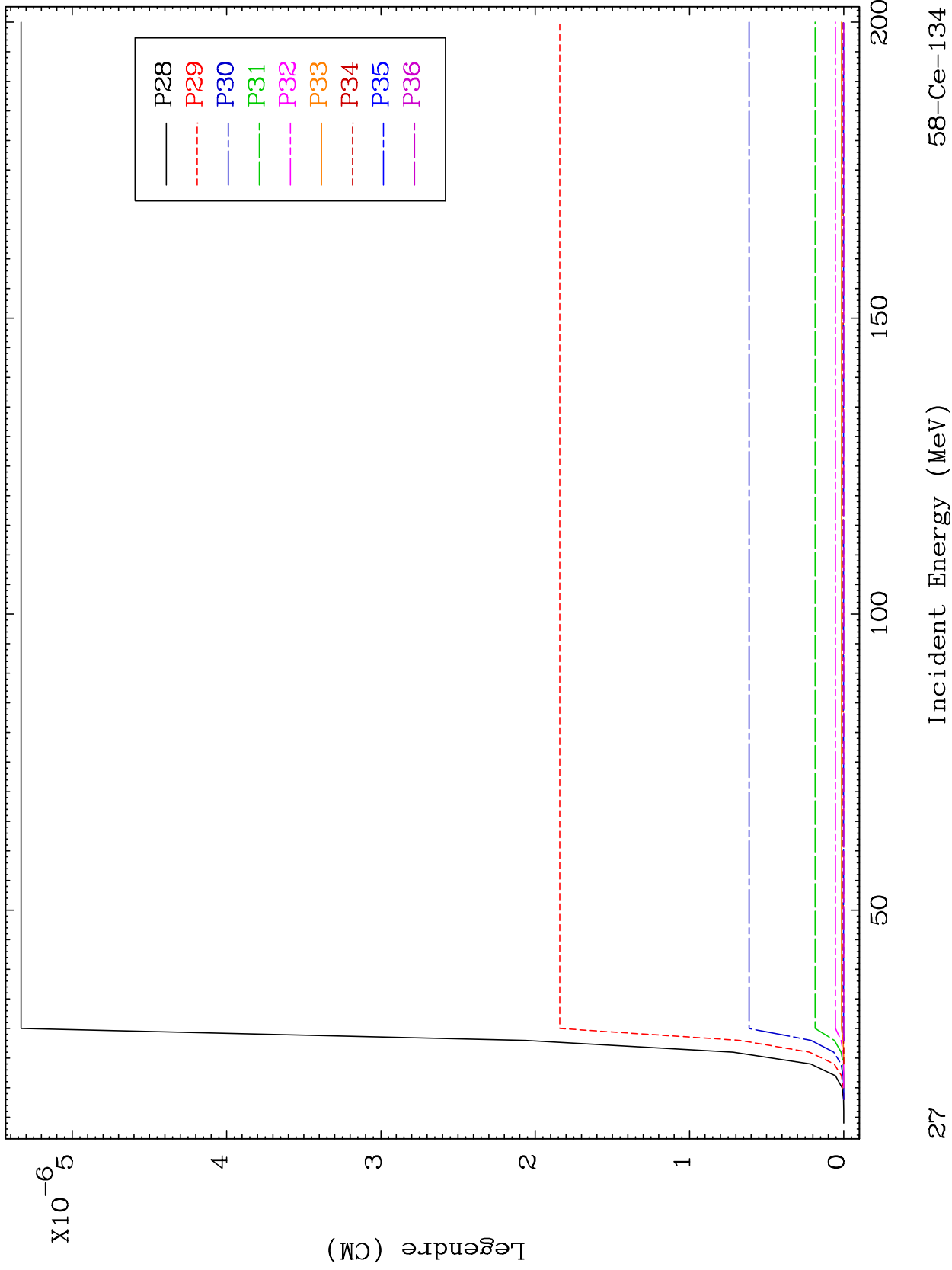
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



27

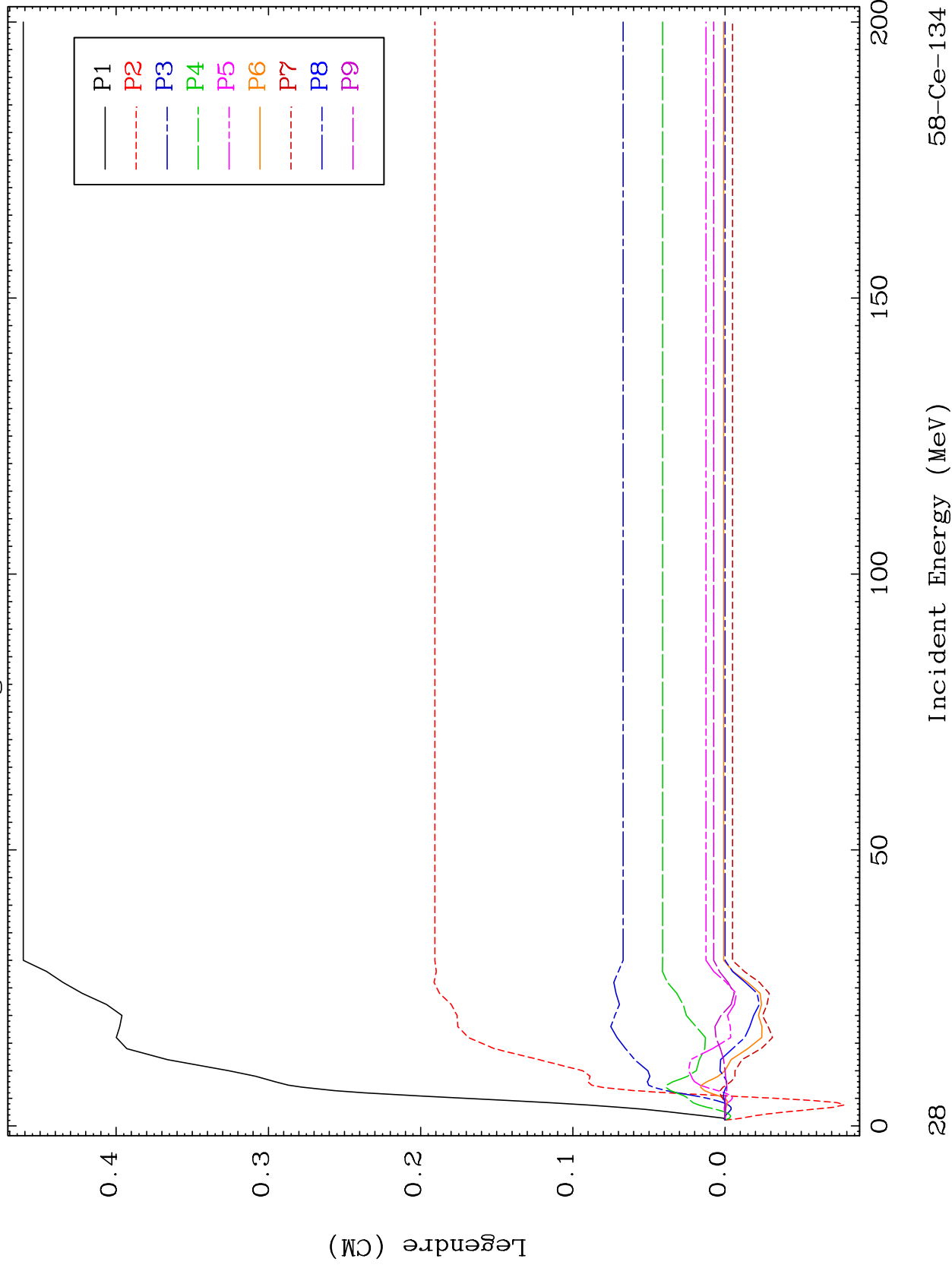
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



58-Ce-134

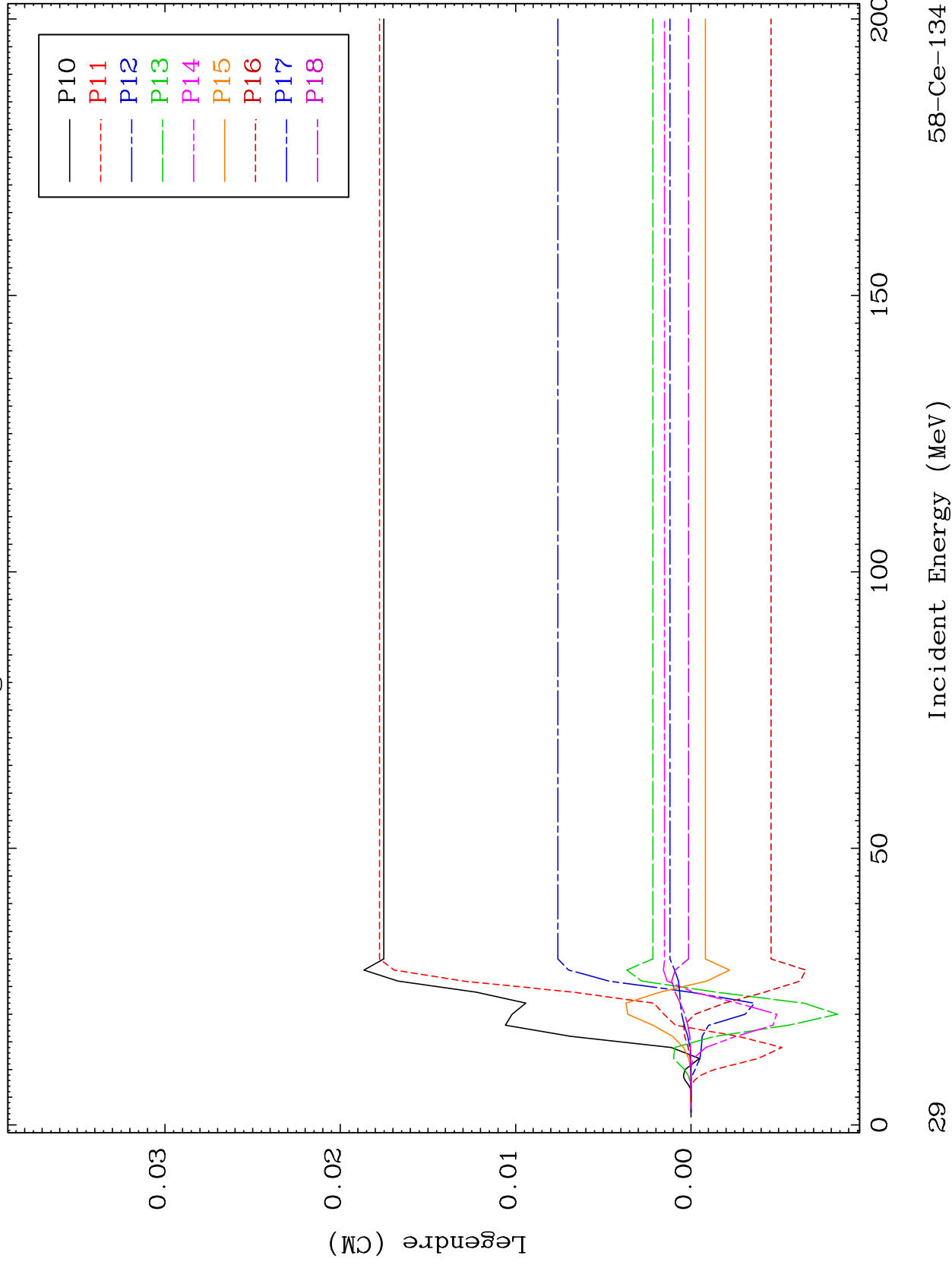
Incident Energy (MeV)

28

MAT 5819

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

58-Ce-134



58-Ce-134

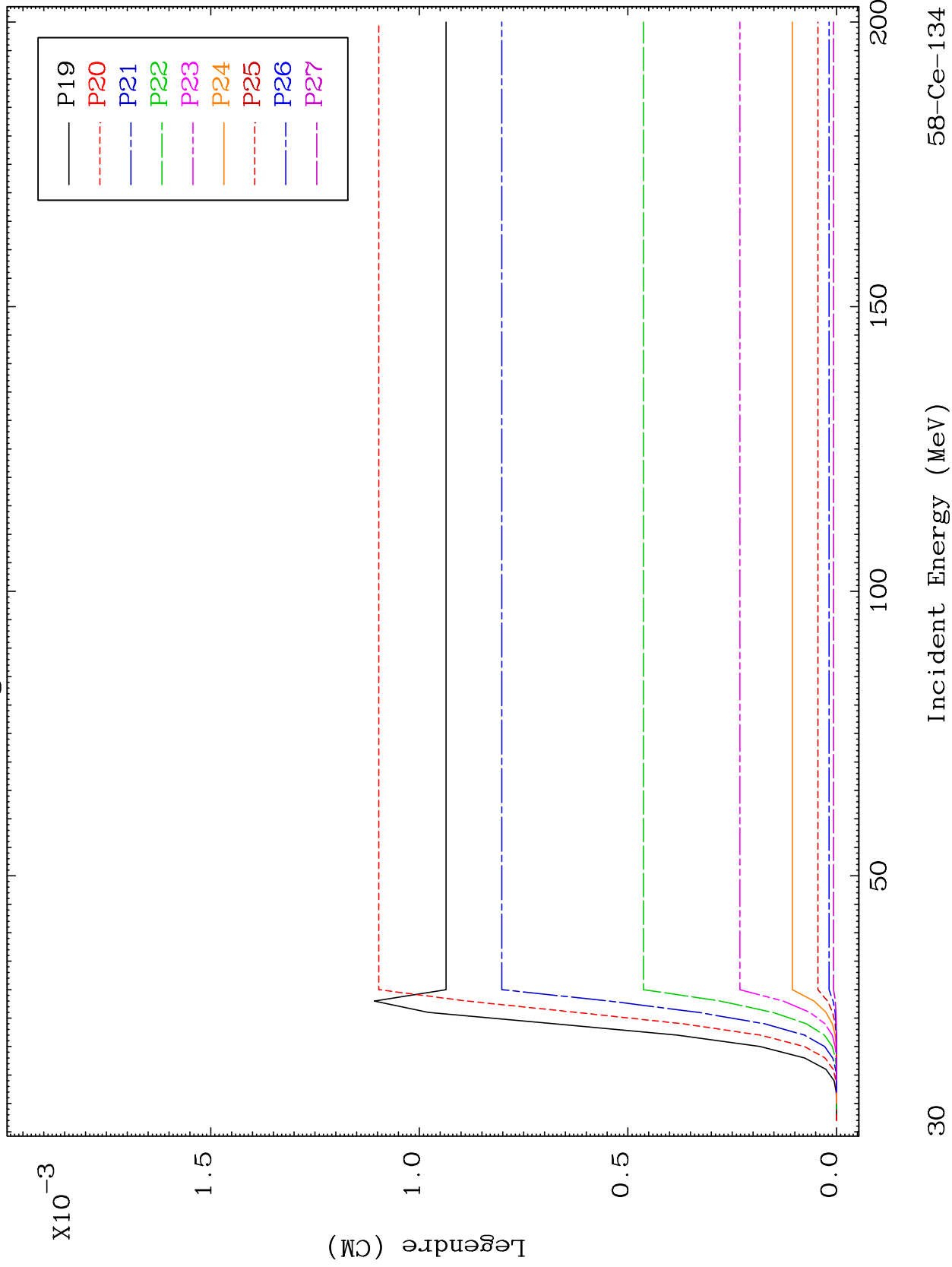
Incident Energy (MeV)

29

MAT 5819

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

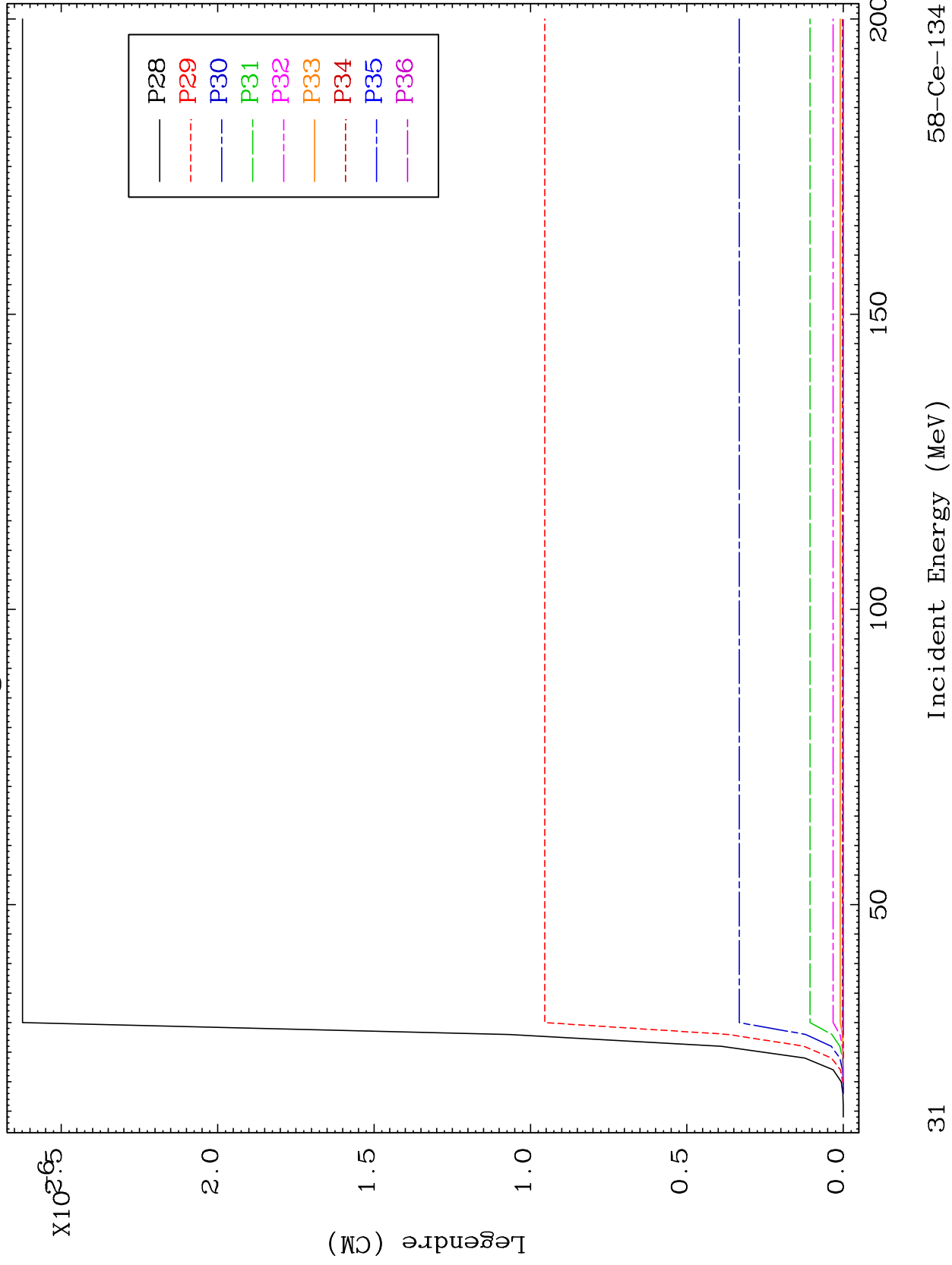
58-Ce-134



MAT 5819

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

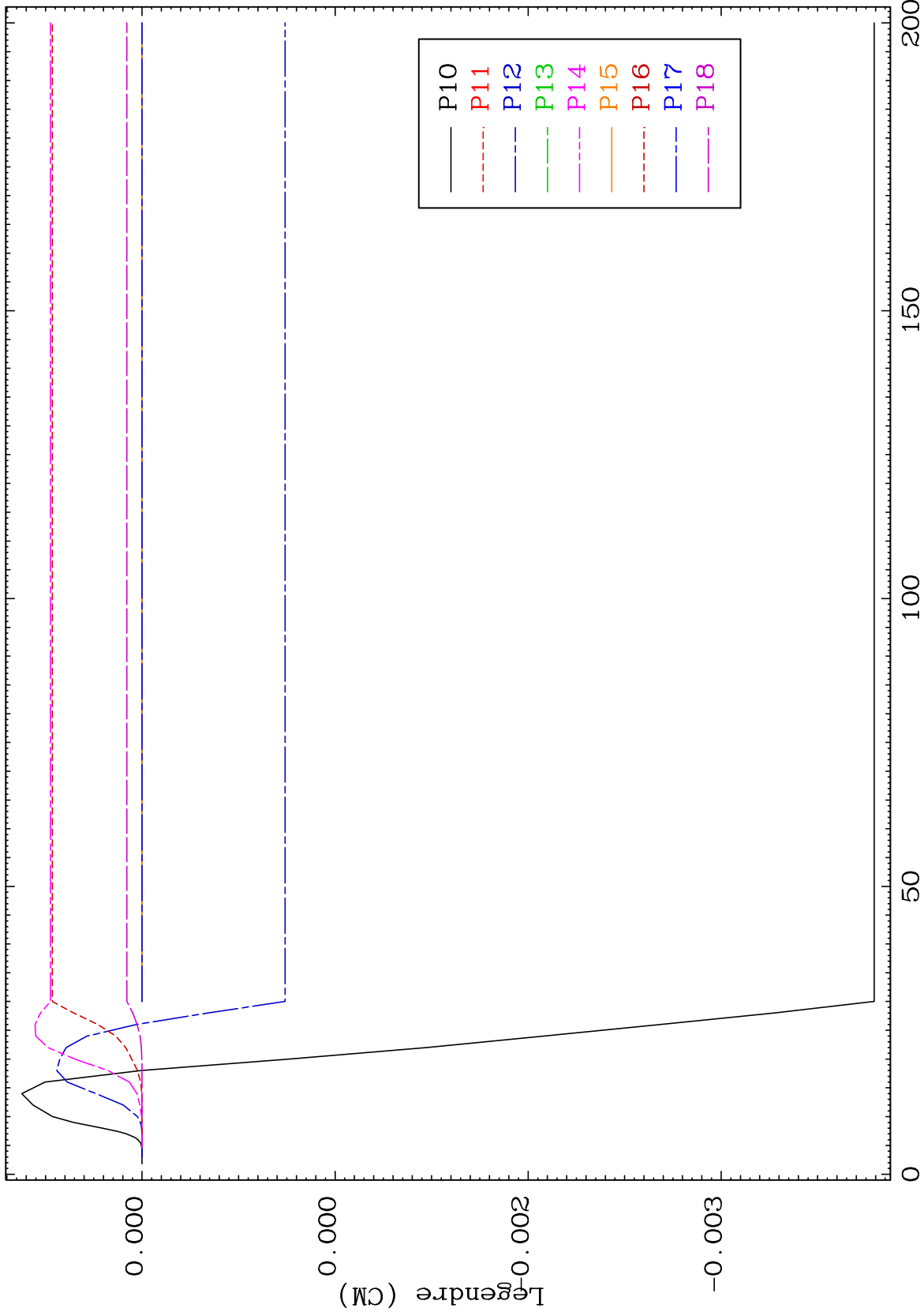
58-Ce-134



MAT 5819

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

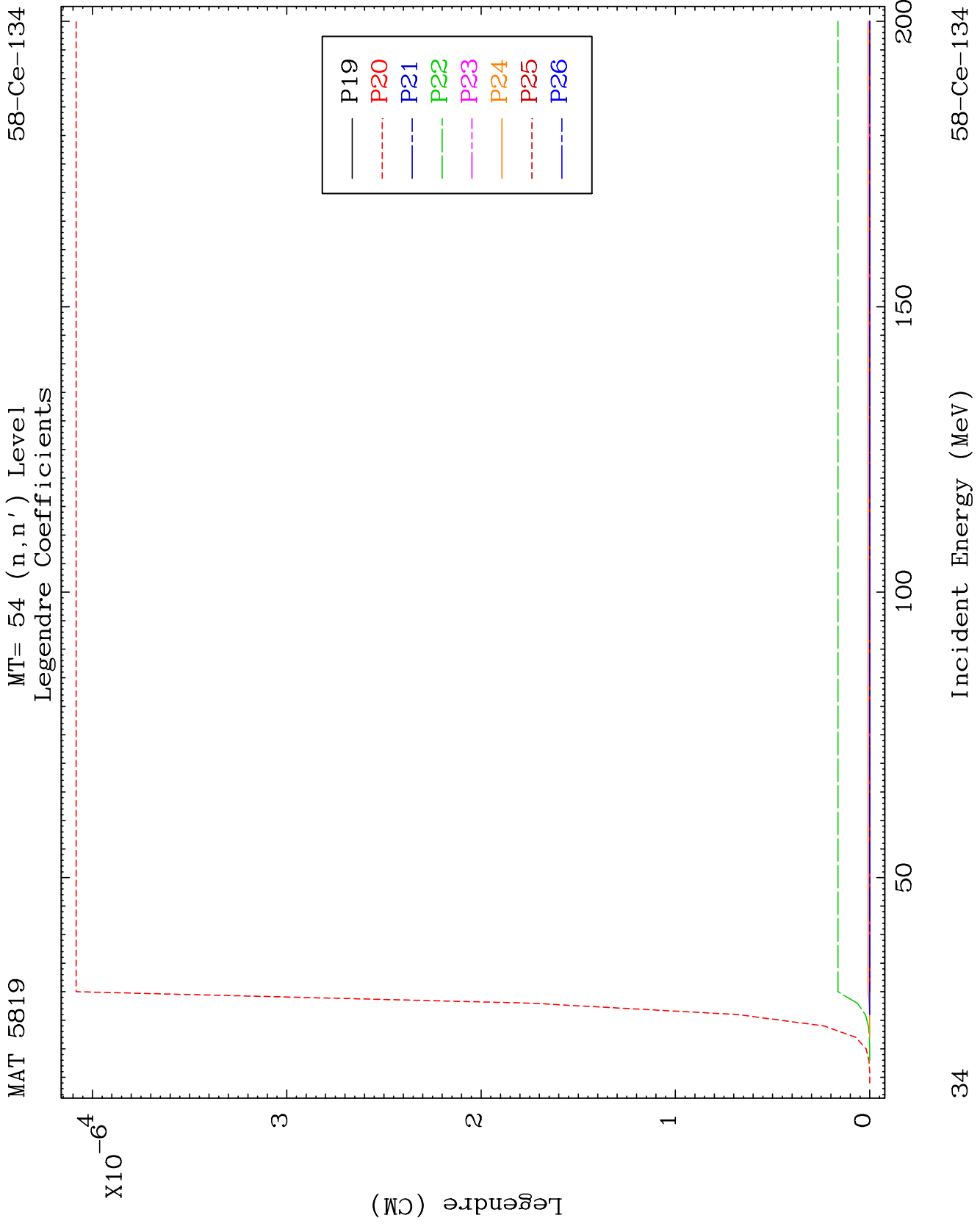
58-Ce-134

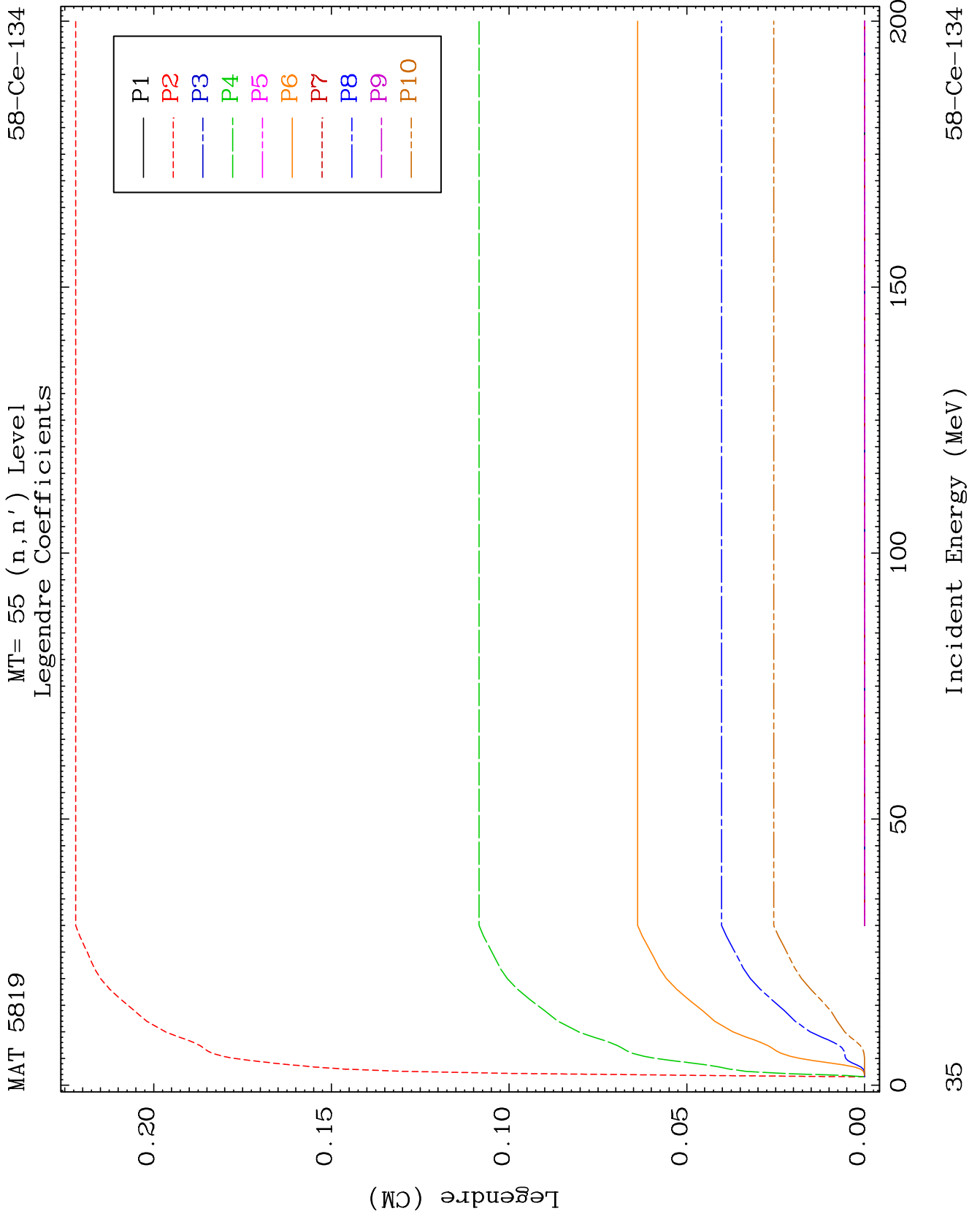


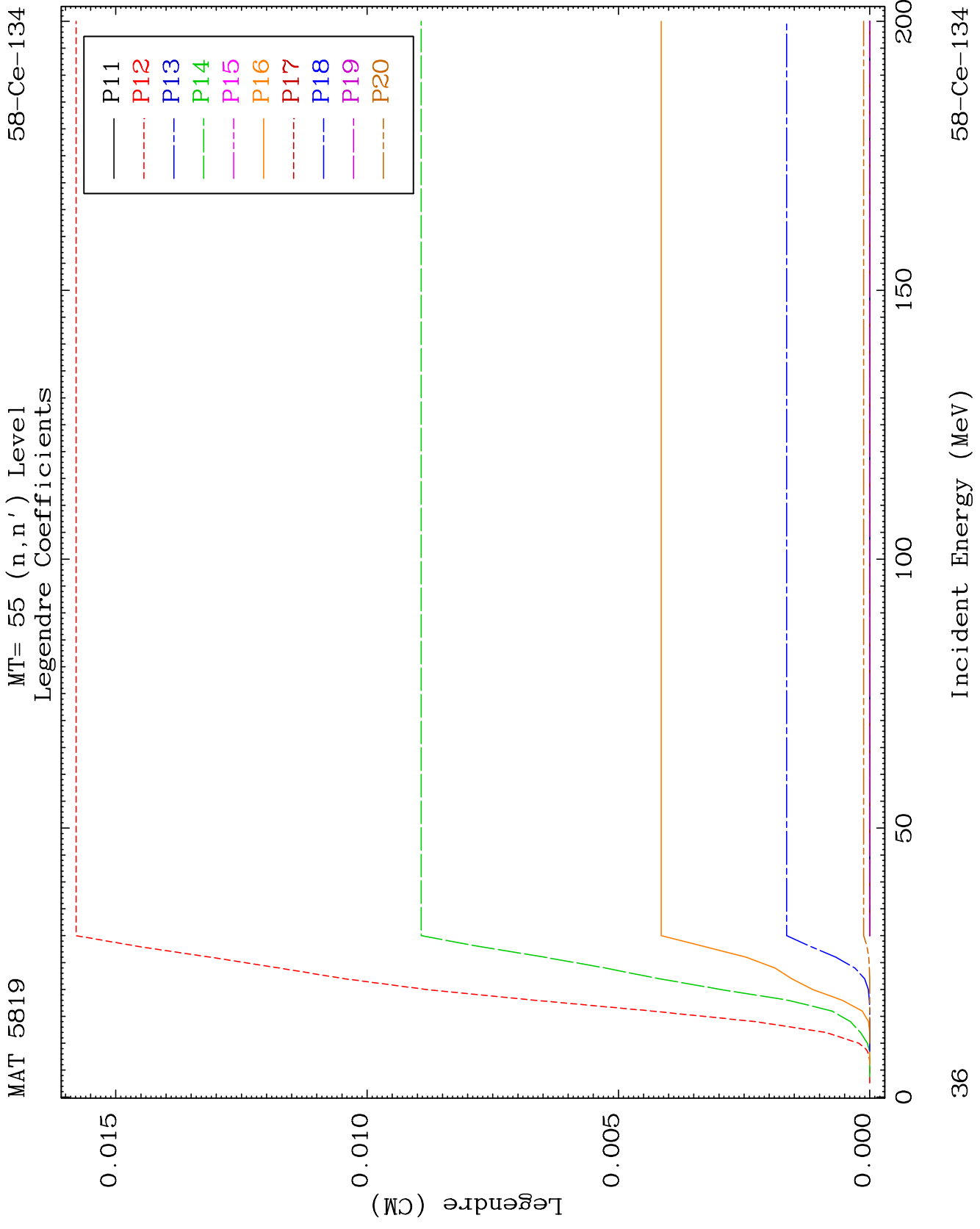
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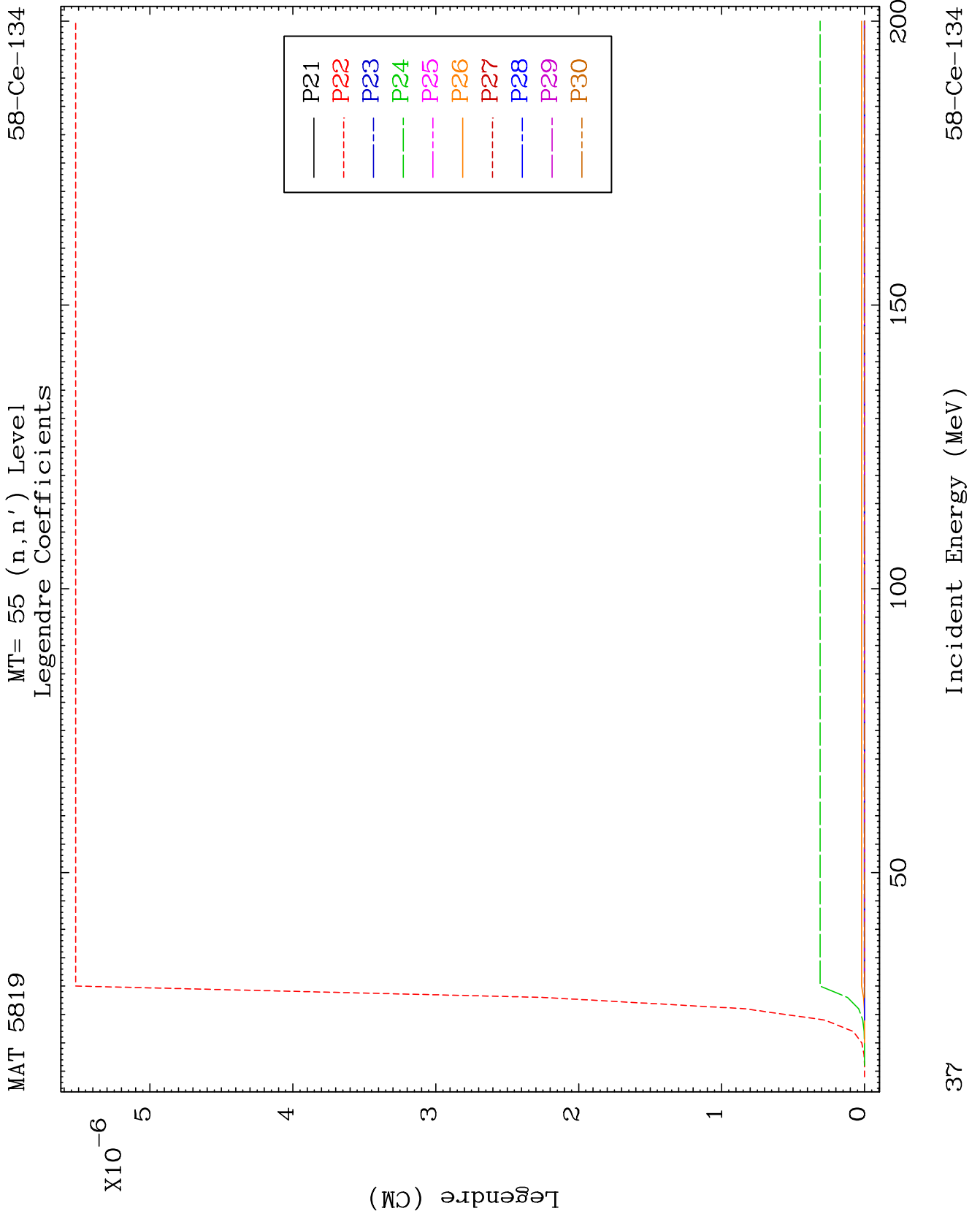
Incident Energy (MeV)

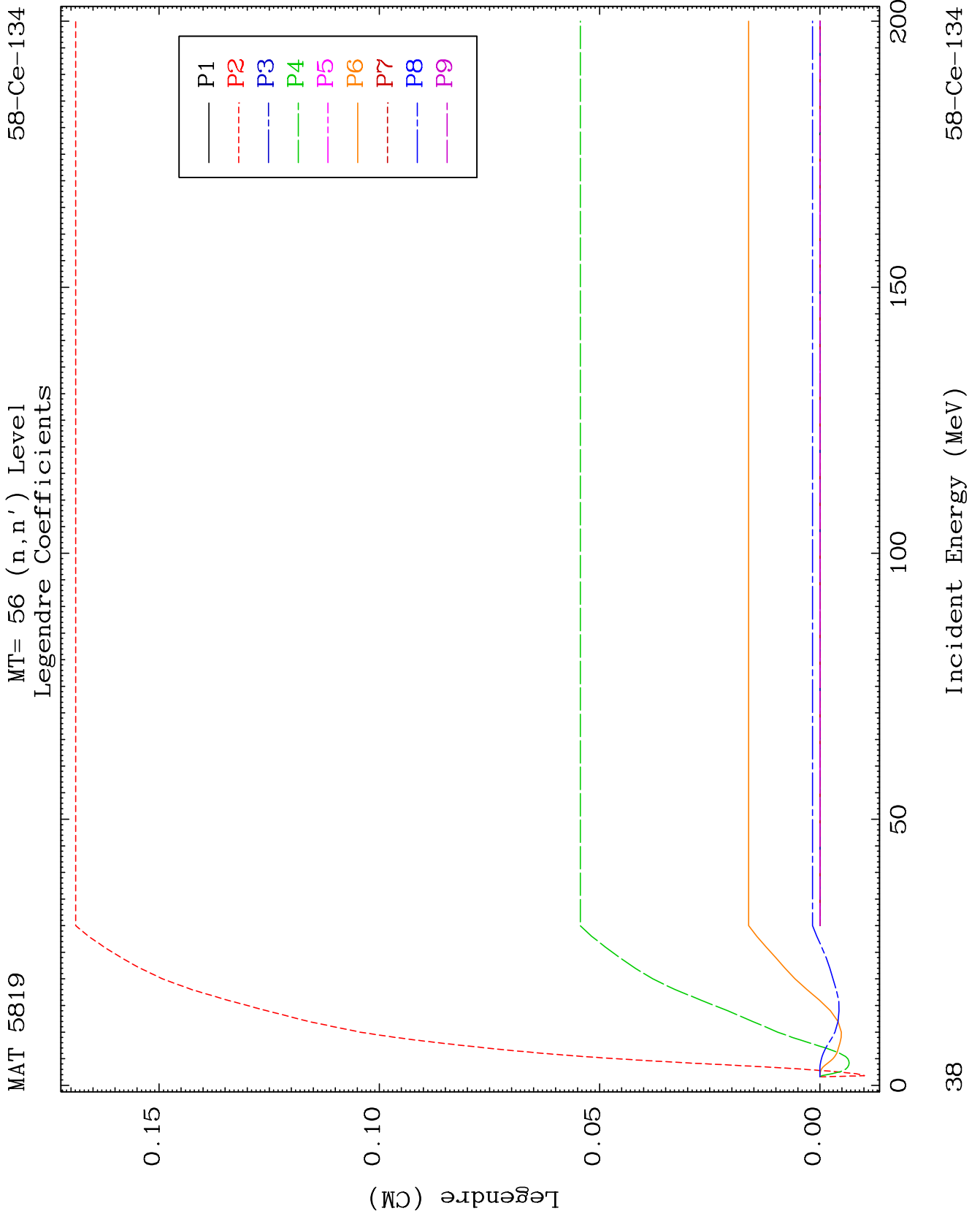
58-Ce-134







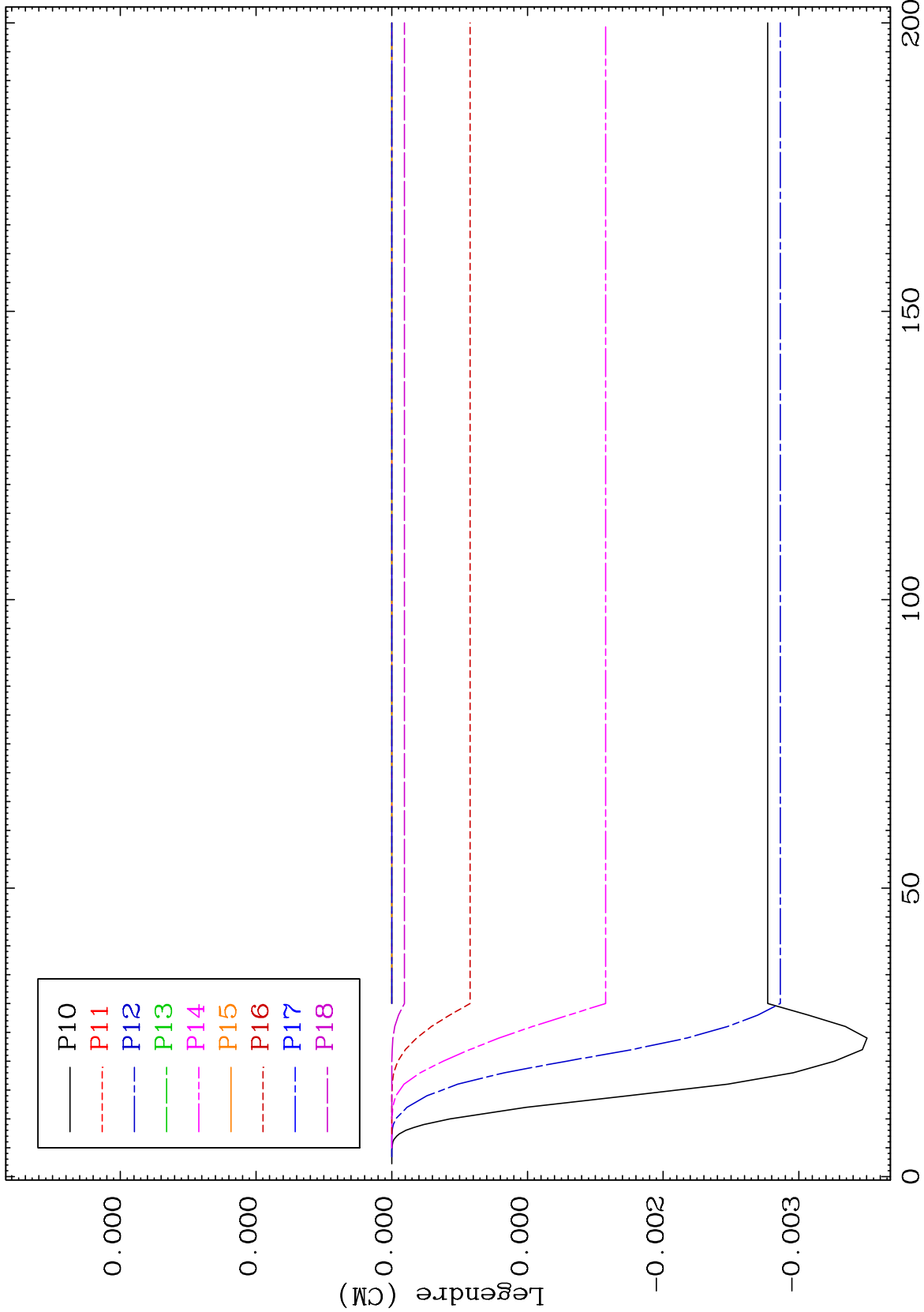




MAT 5819

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

58-Ce-134



39

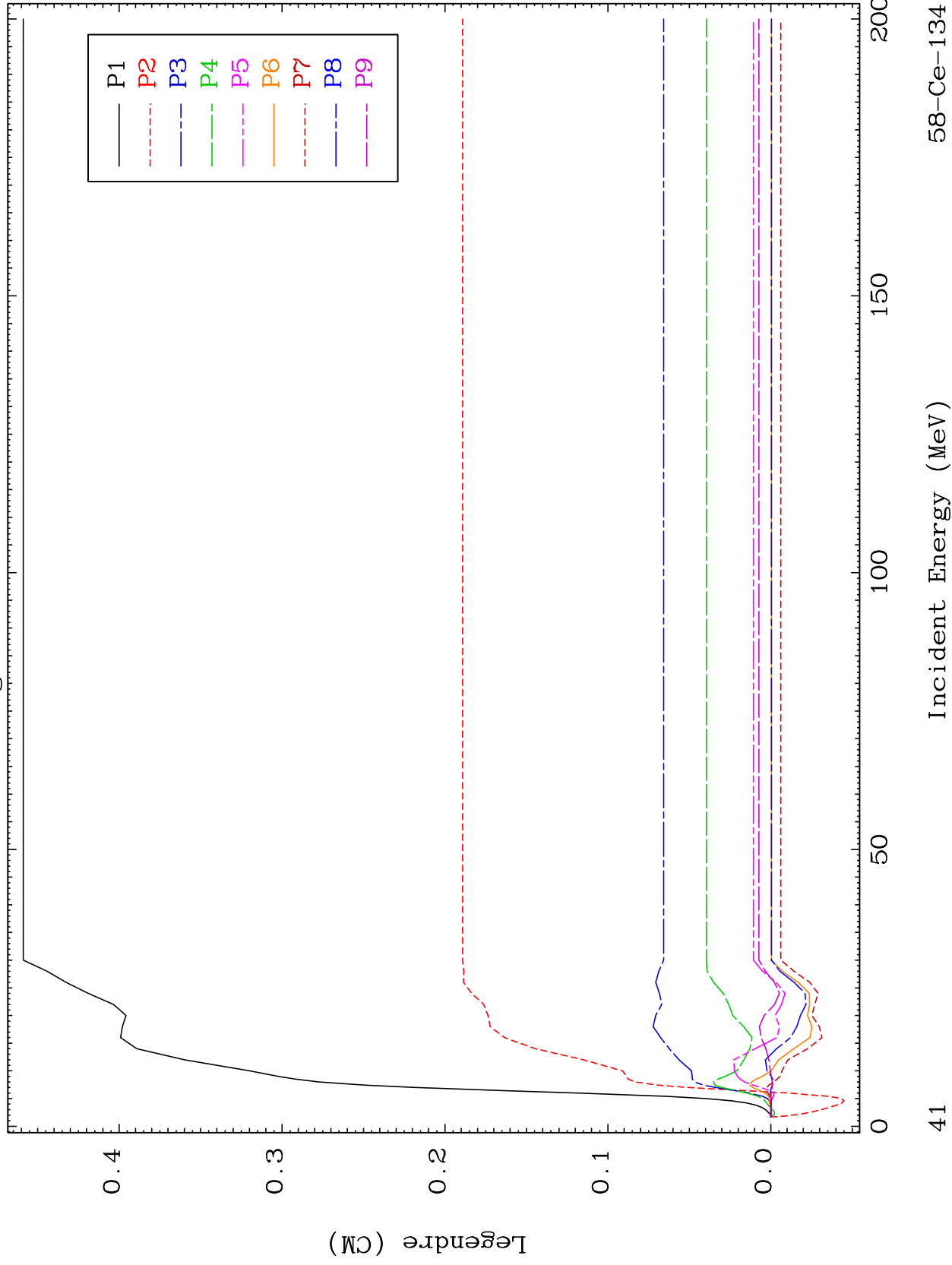
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

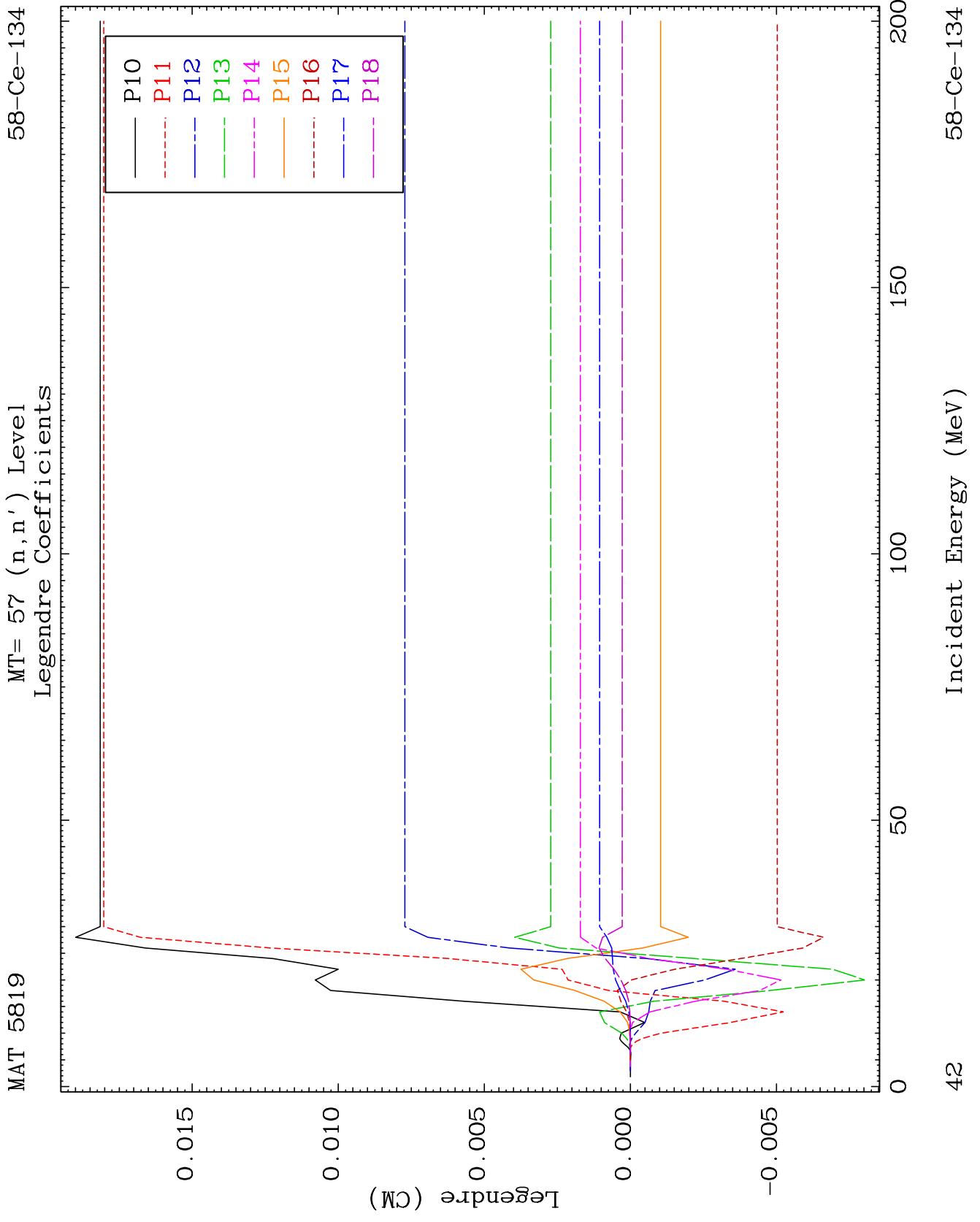
58-Ce-134



58-Ce-134

Incident Energy (MeV)

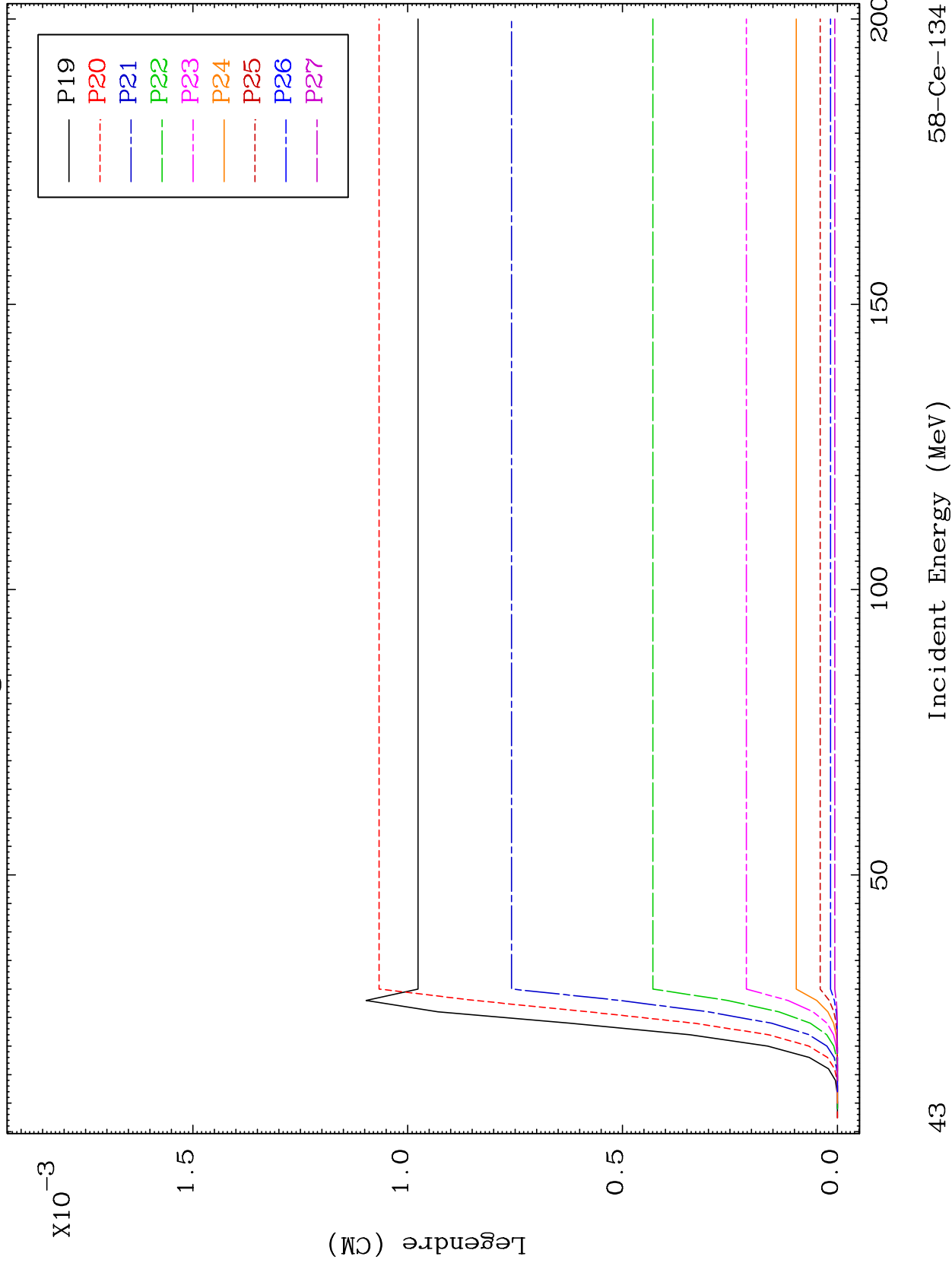
41



MAT 5819

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

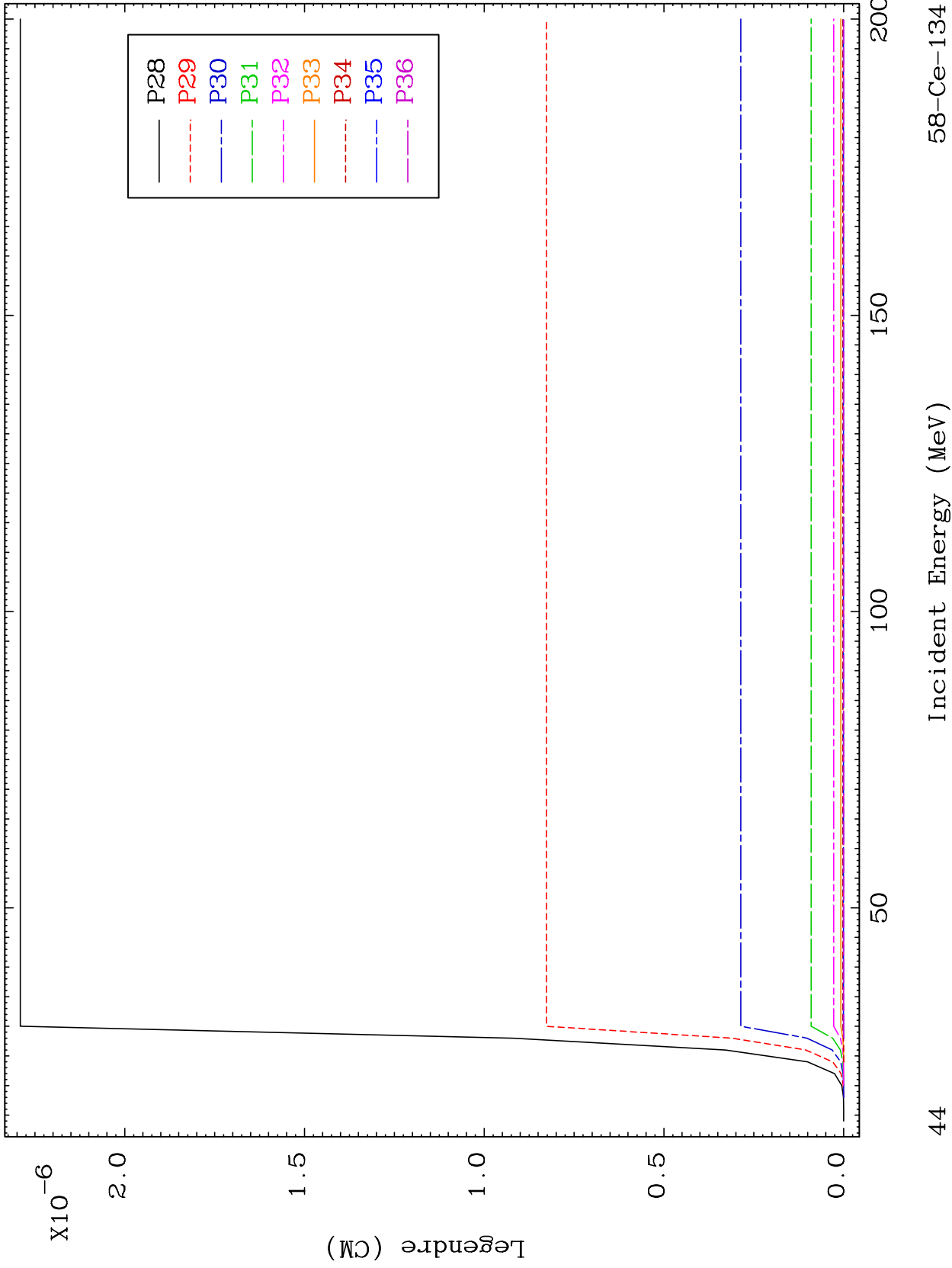
58-Ce-134



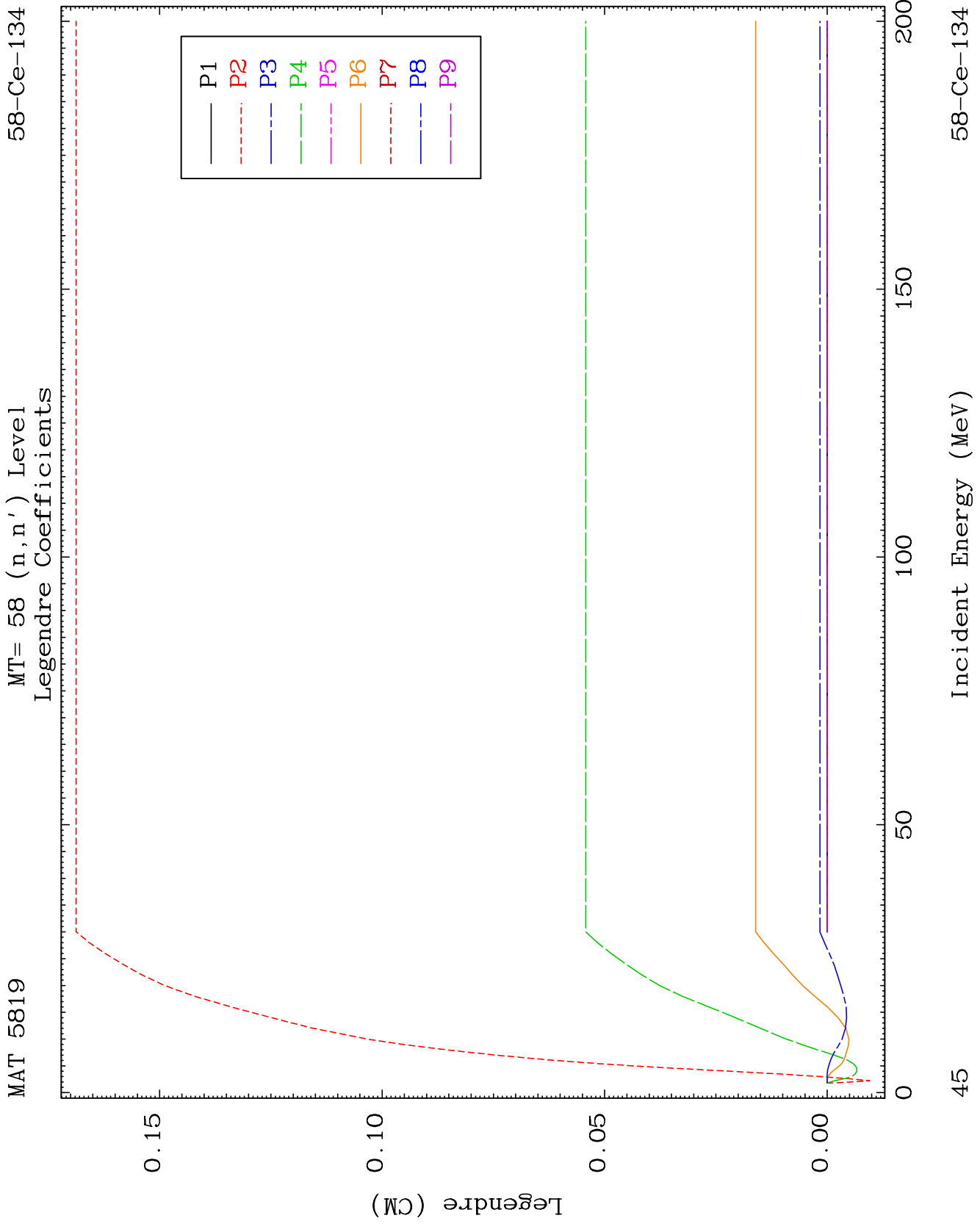
MAT 5819

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

58-Ce-134



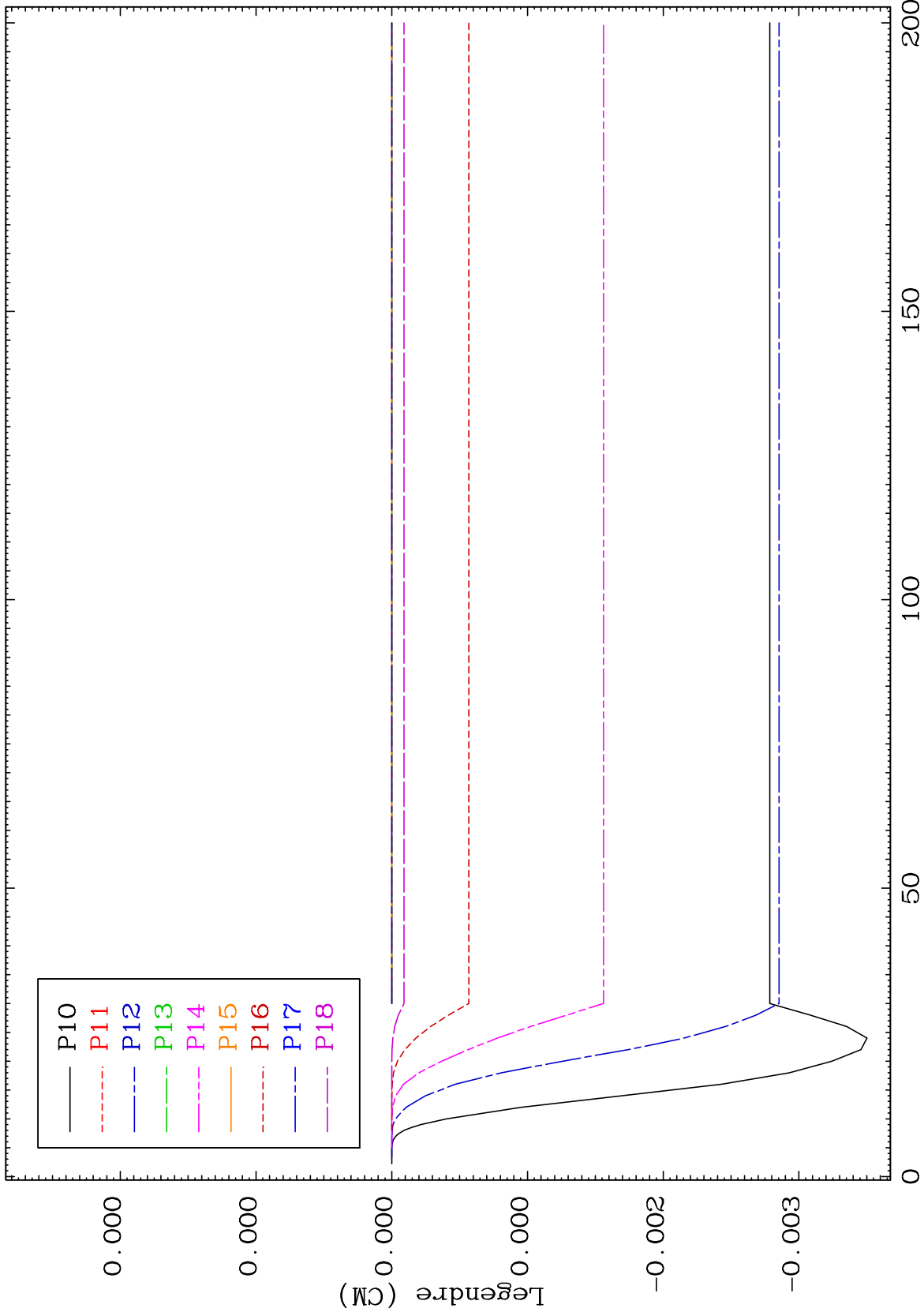
44



MAT 5819

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

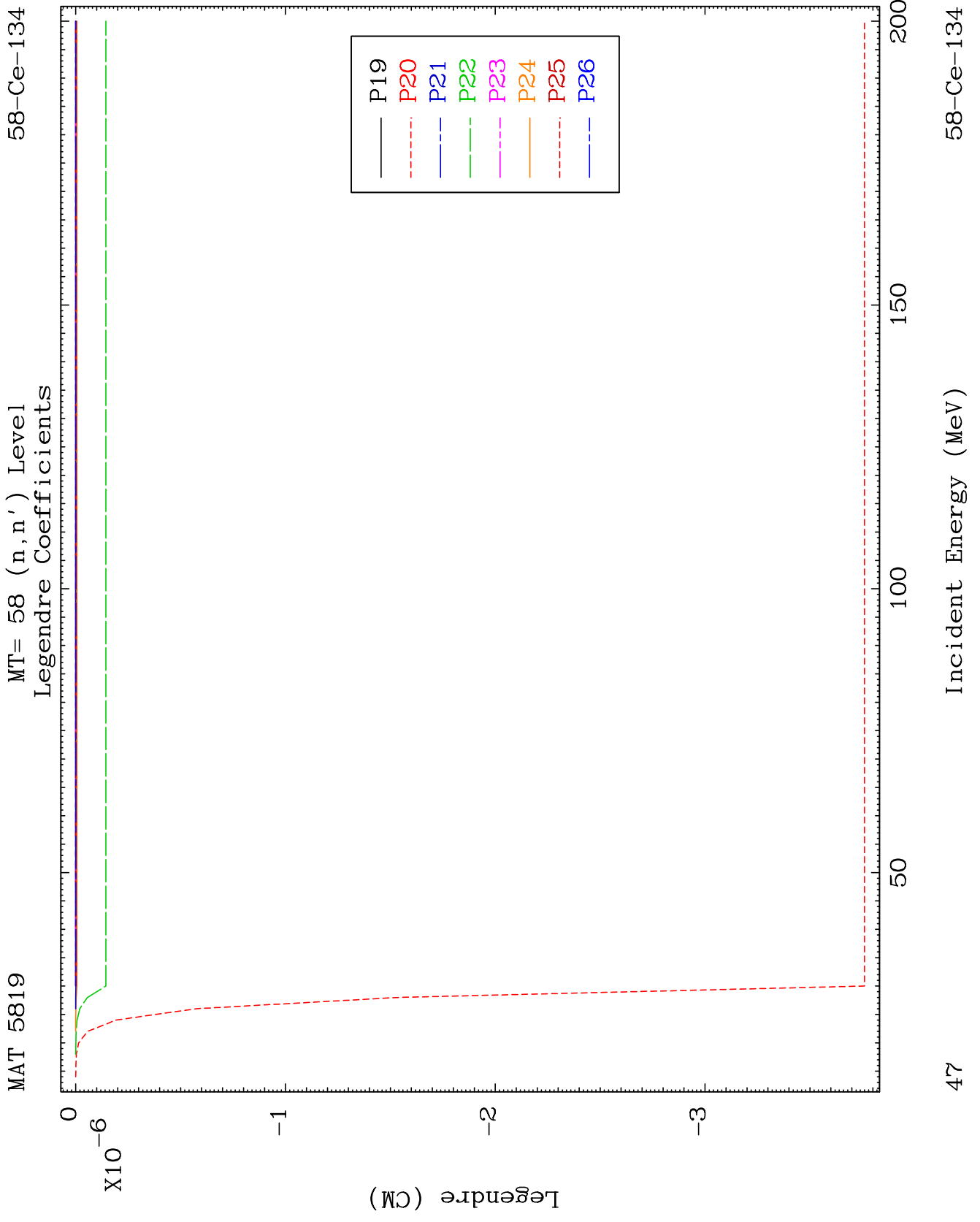
58-Ce-134



46

Incident Energy (MeV)

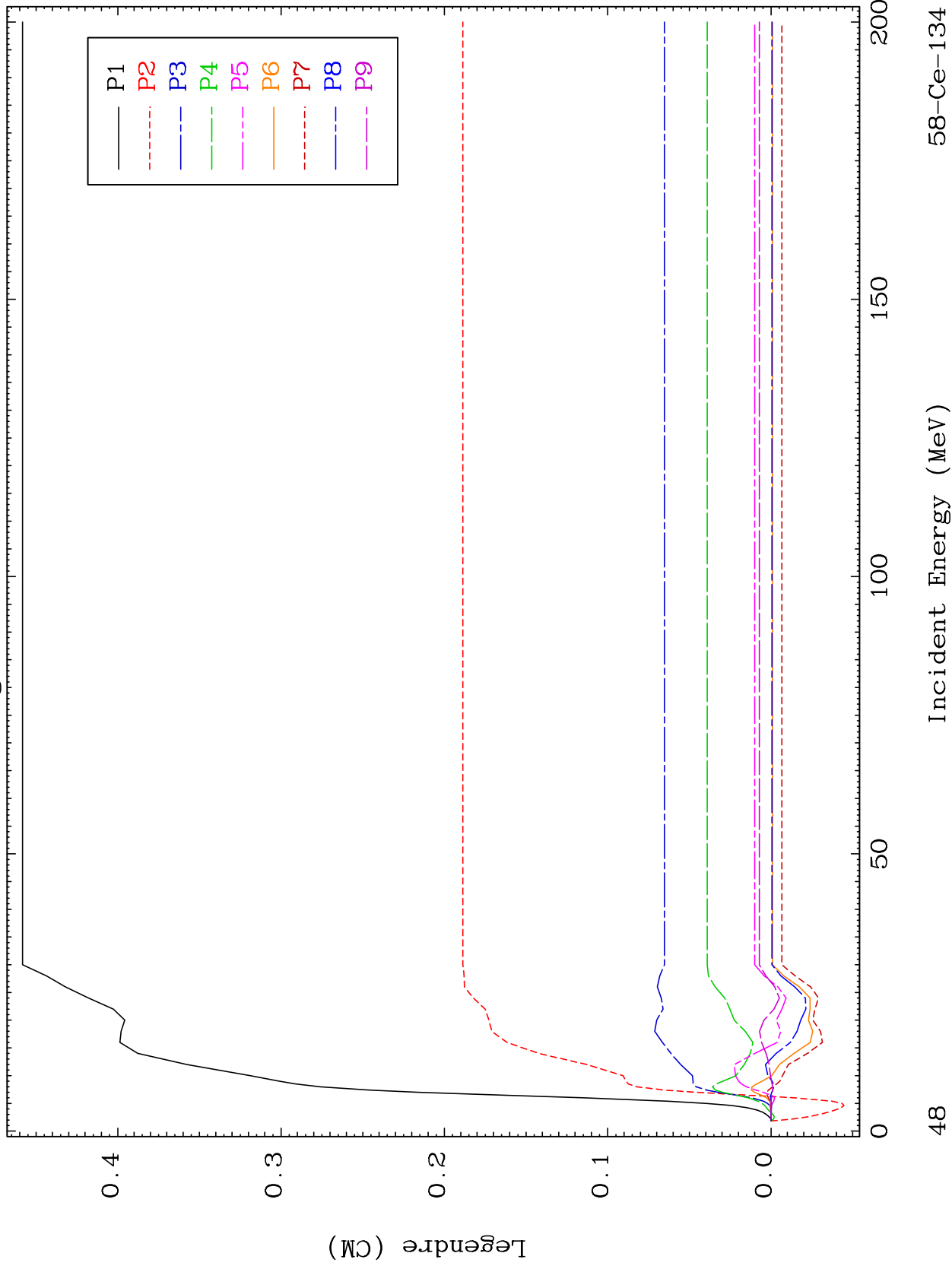
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

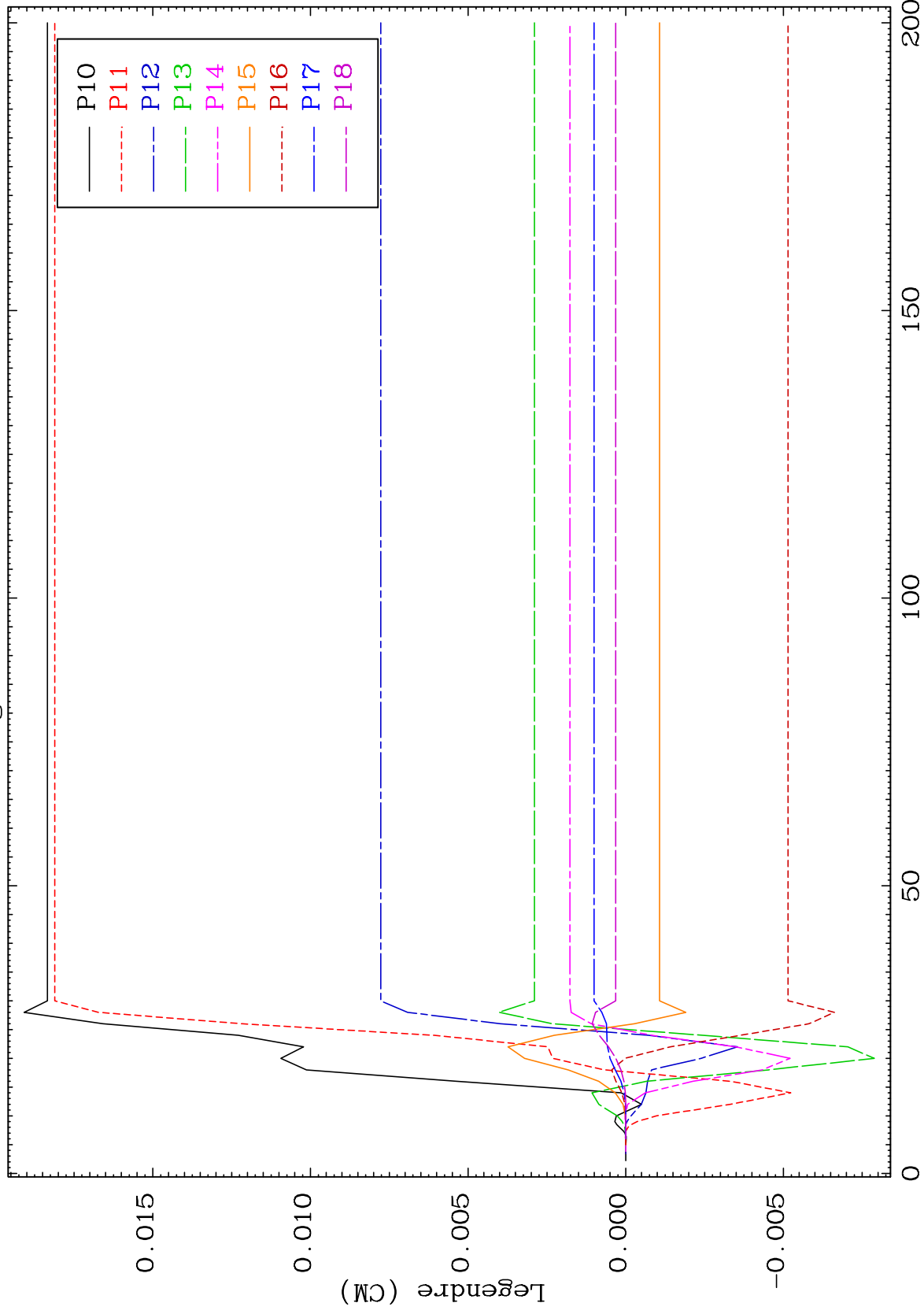
Incident Energy (MeV)

48

MAT 5819

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

58-Ce-134



49

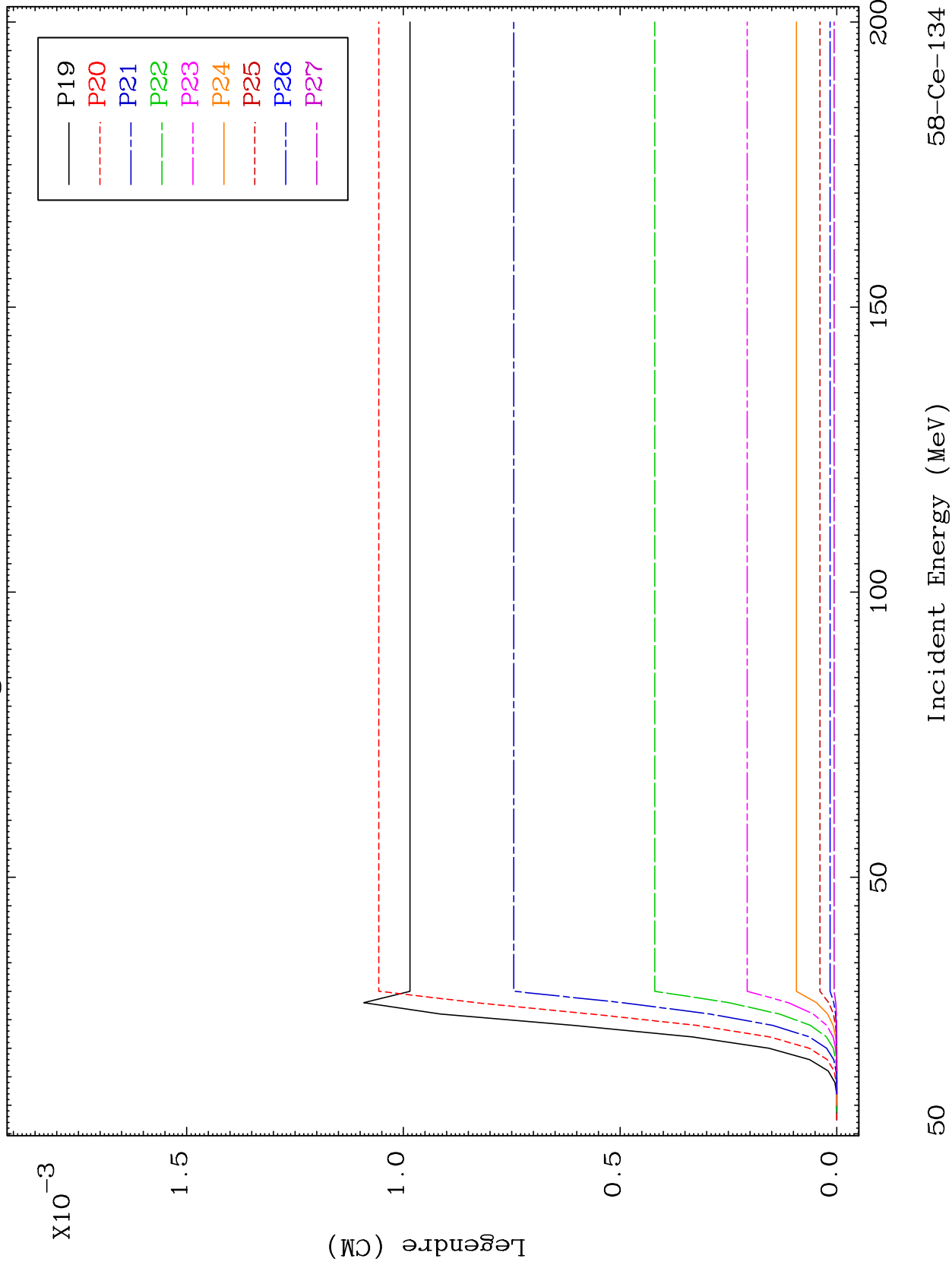
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

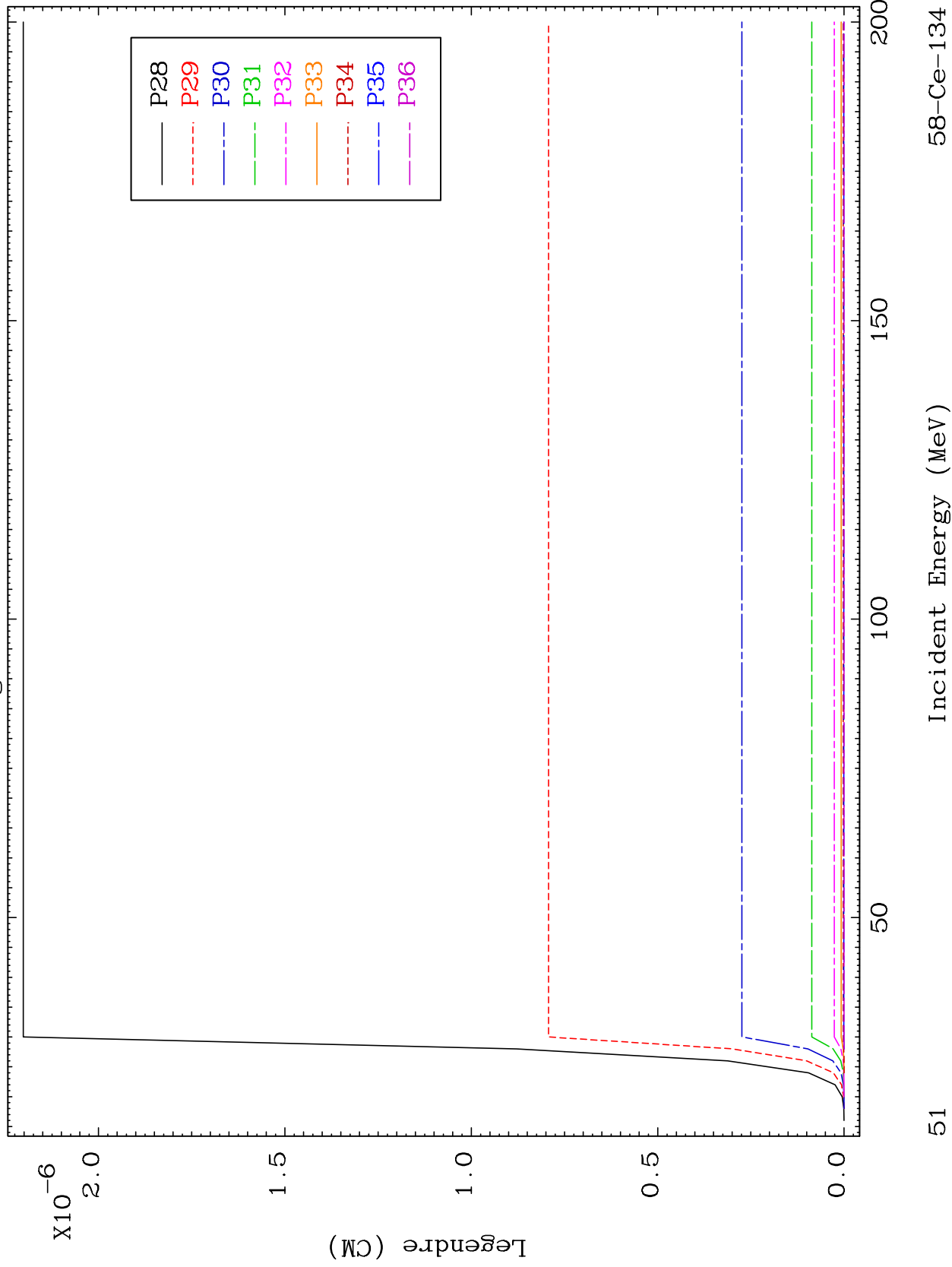
58-Ce-134



MAT 5819

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

58-Ce-134



51

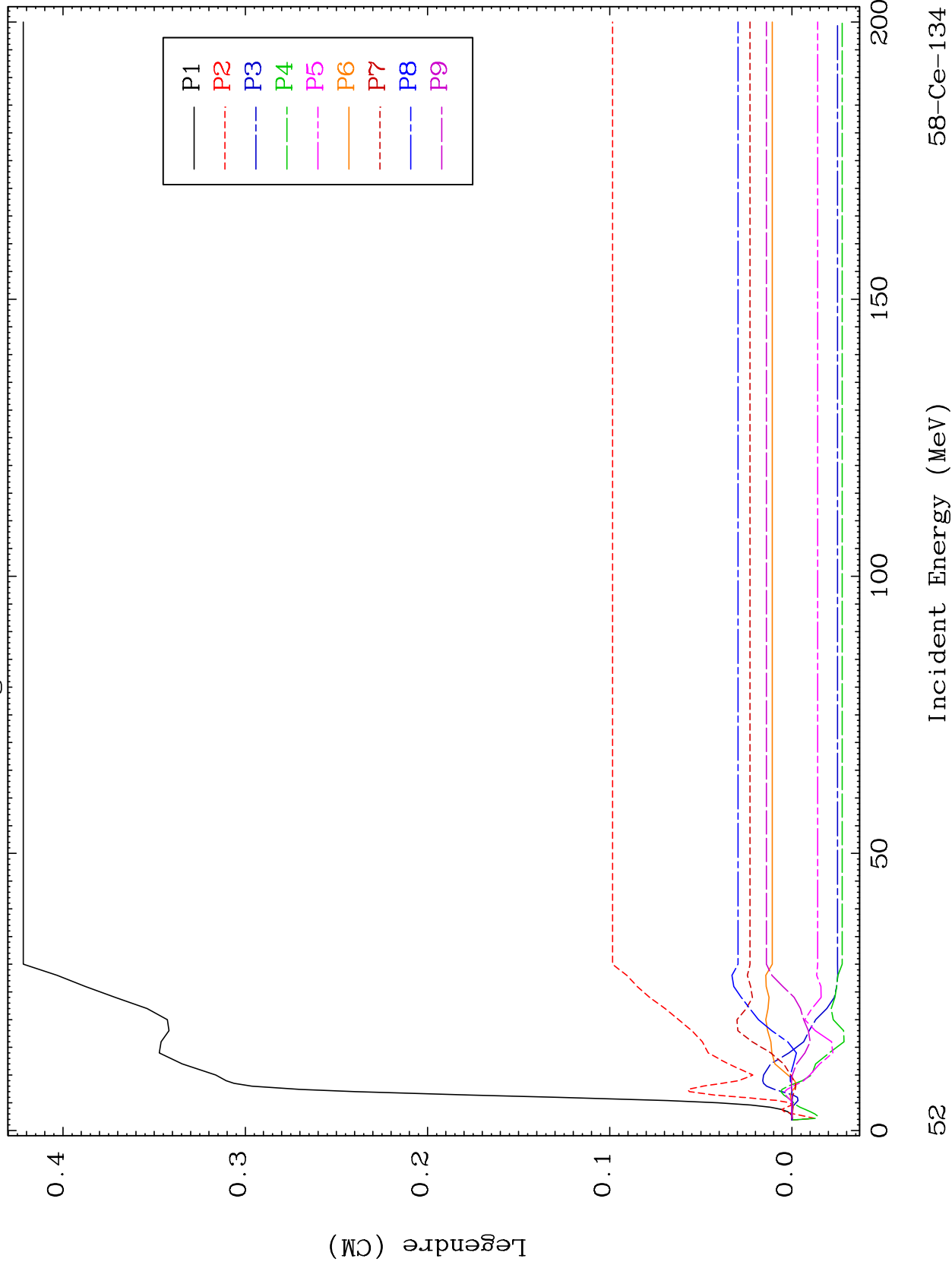
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

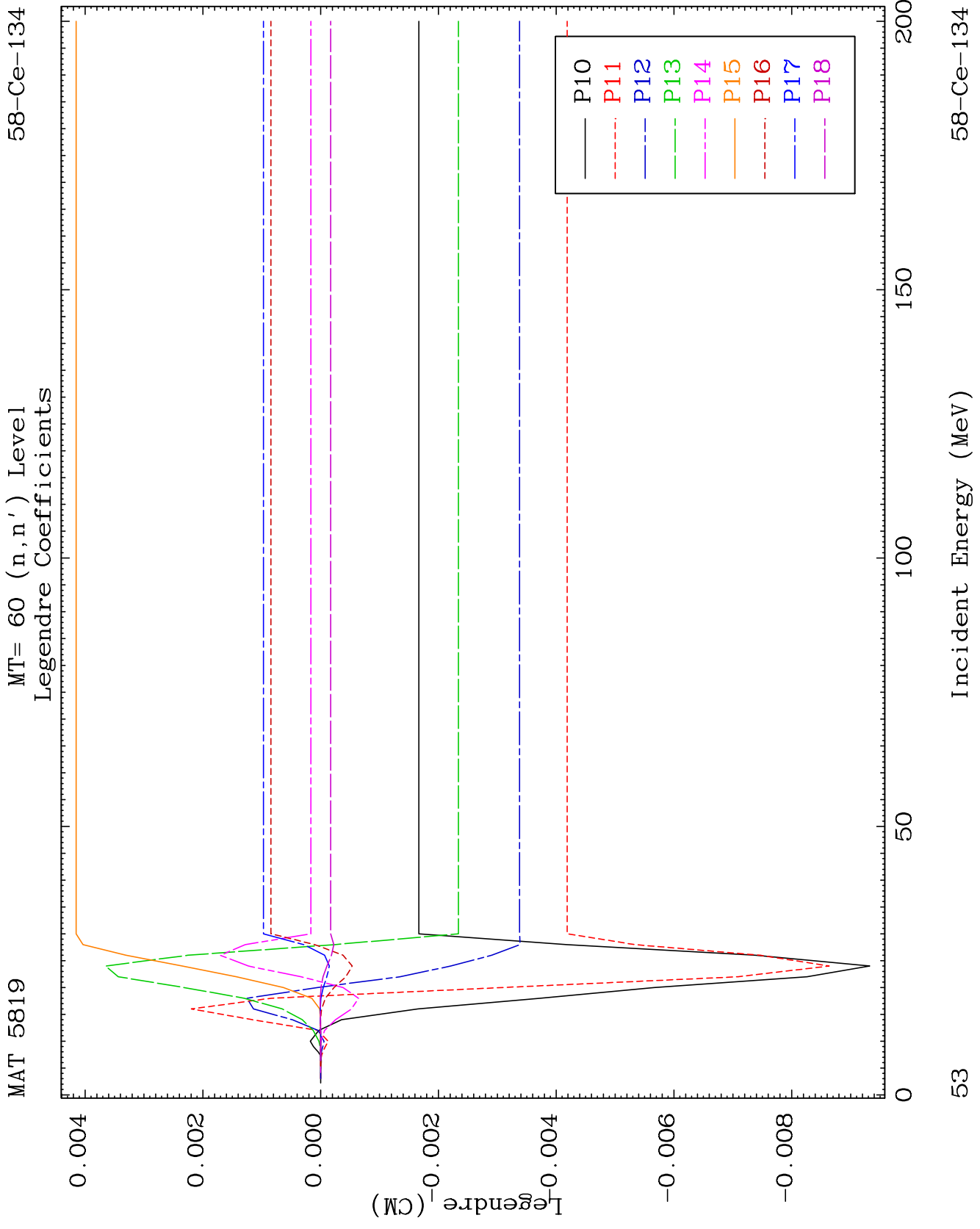
58-Ce-134



58-Ce-134

Incident Energy (MeV)

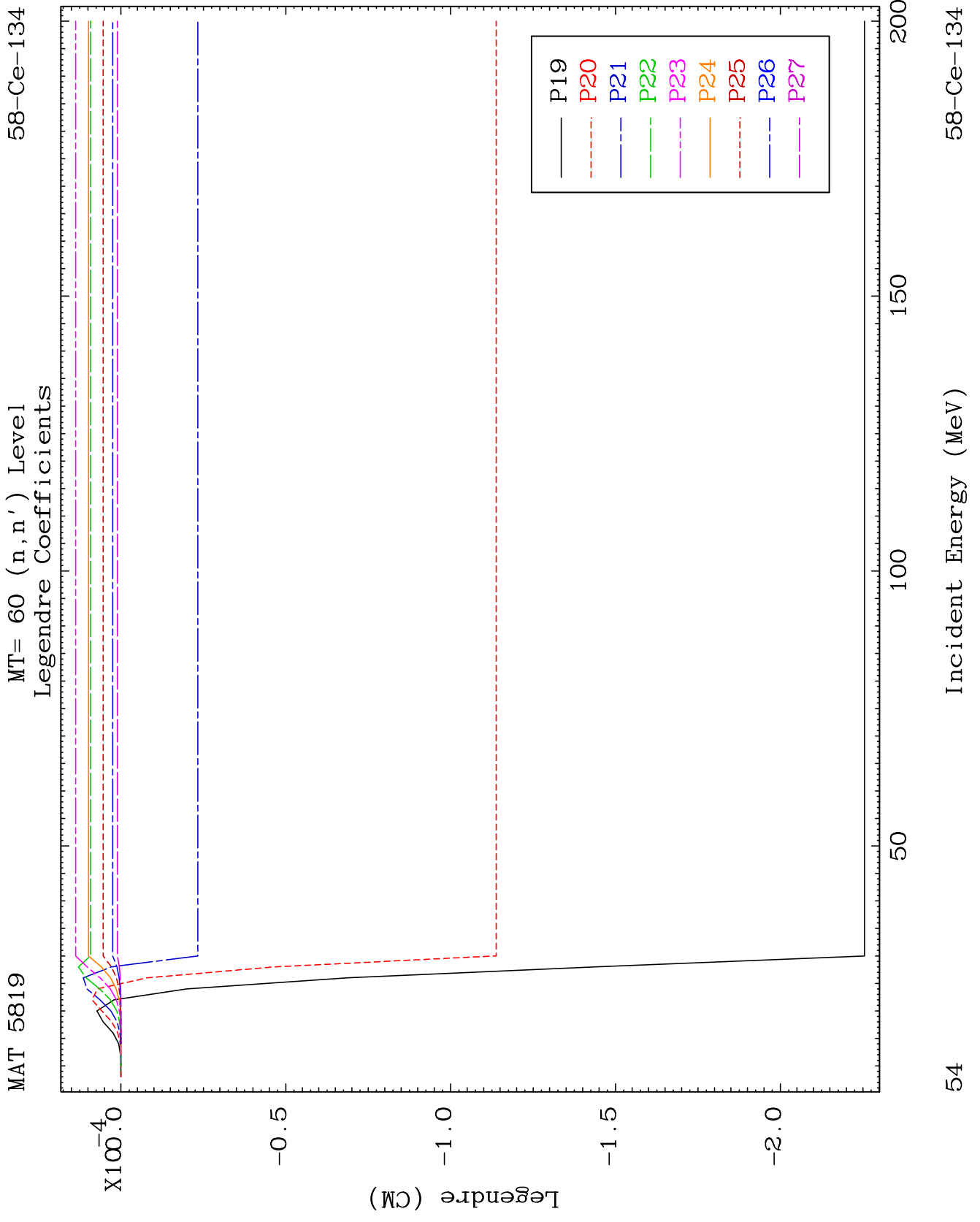
52



58-Ce-134

Incident Energy (MeV)

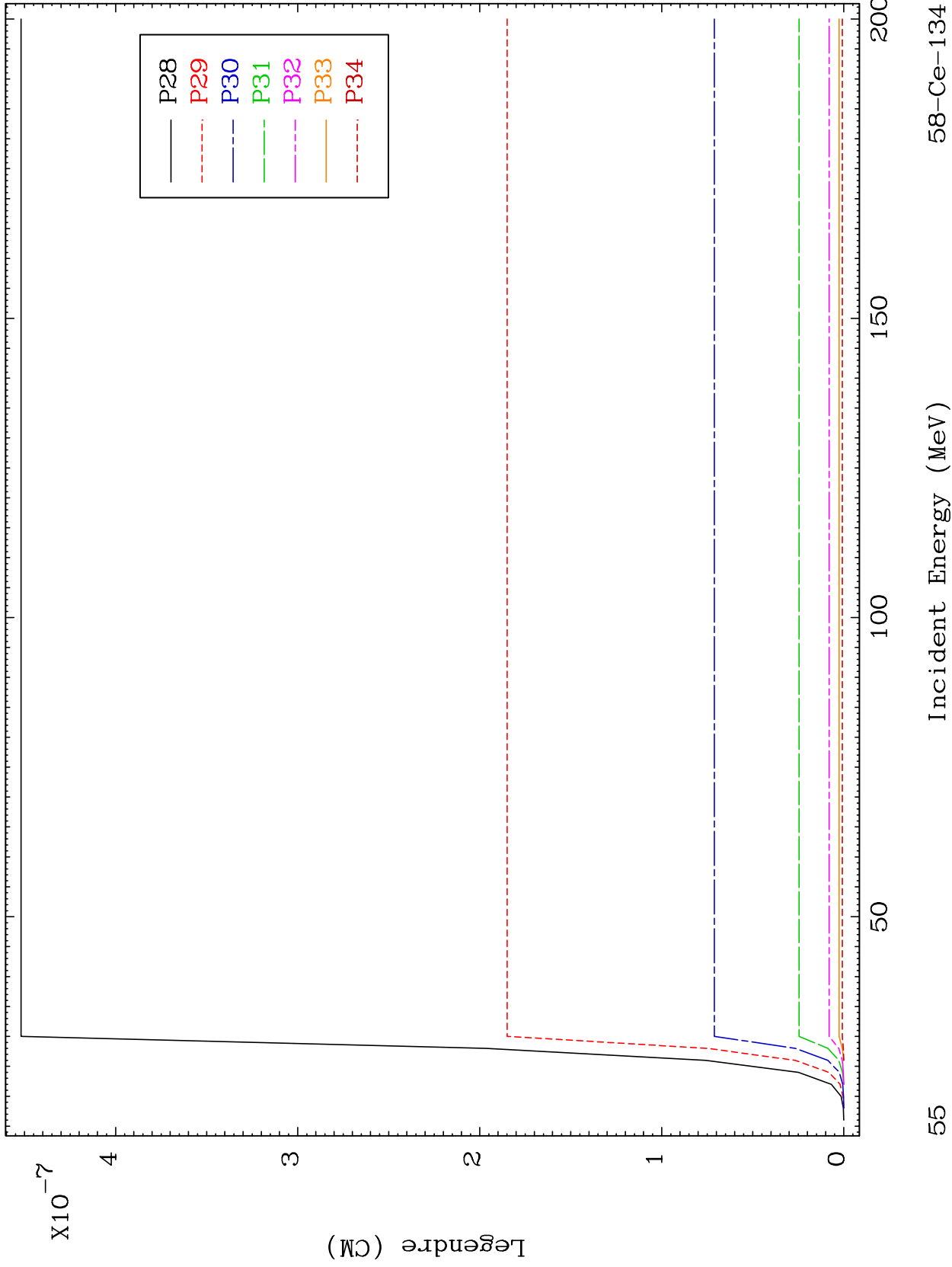
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MAT 5819

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

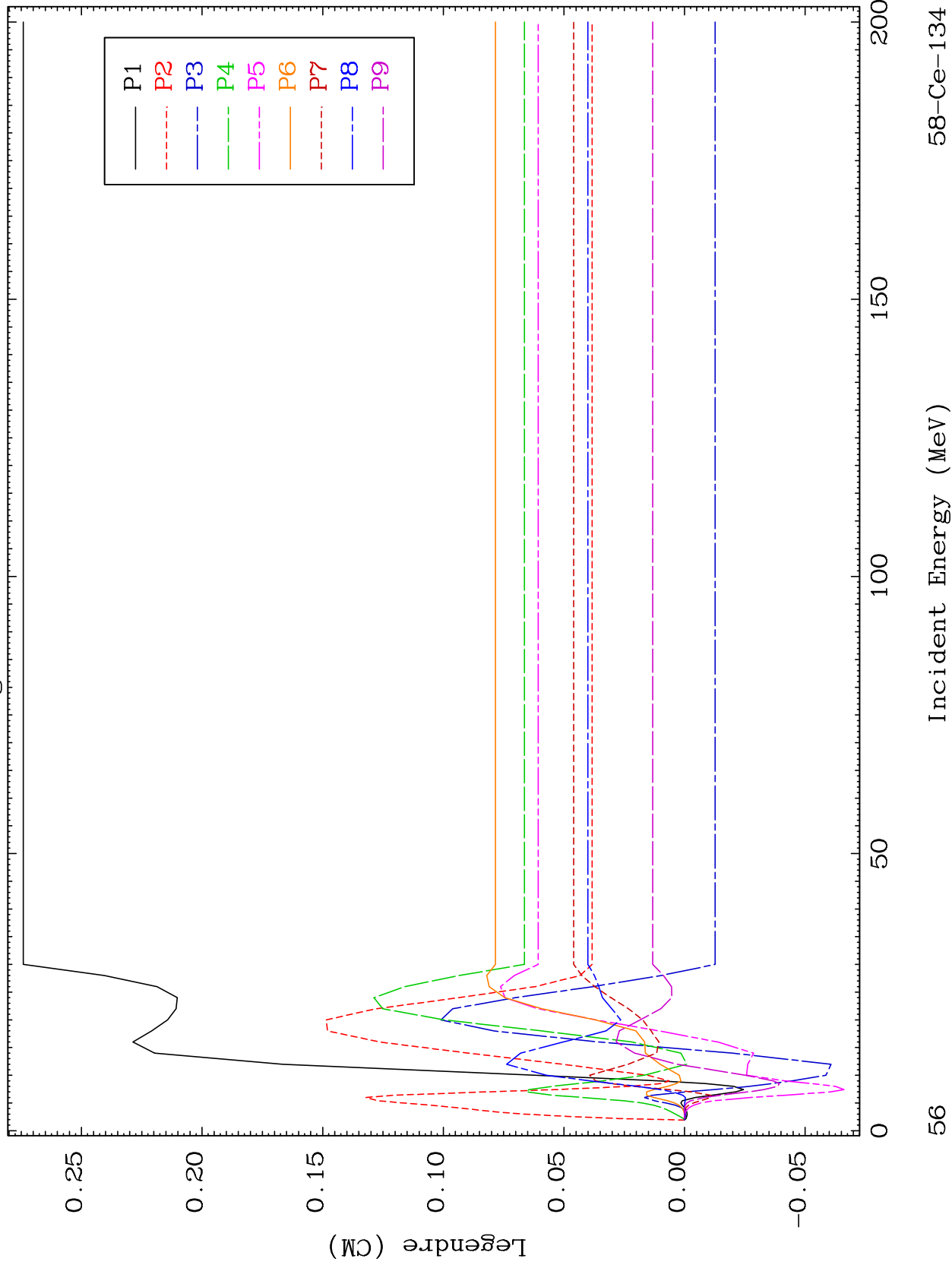
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

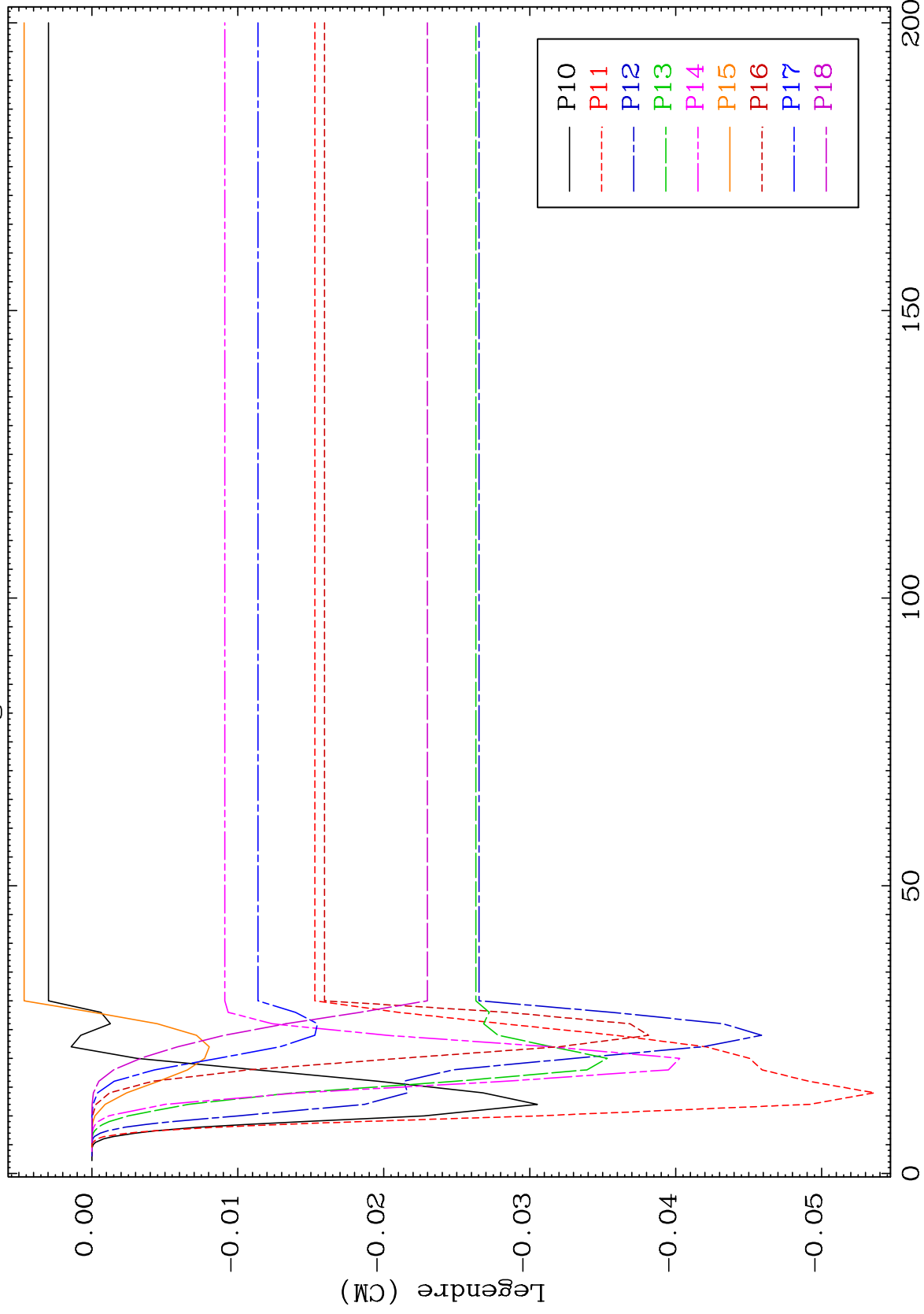
Incident Energy (MeV)

56

MAT 5819

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

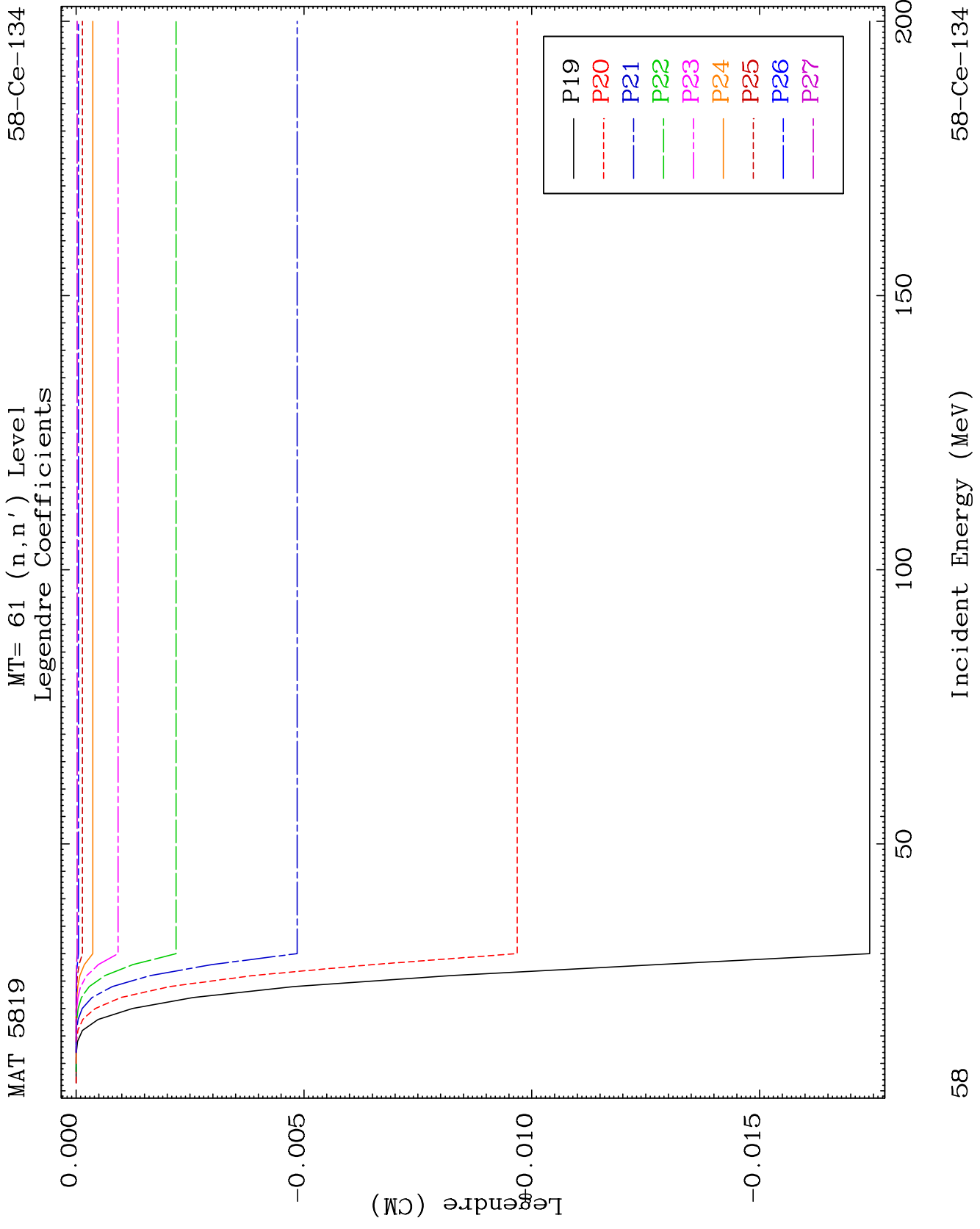
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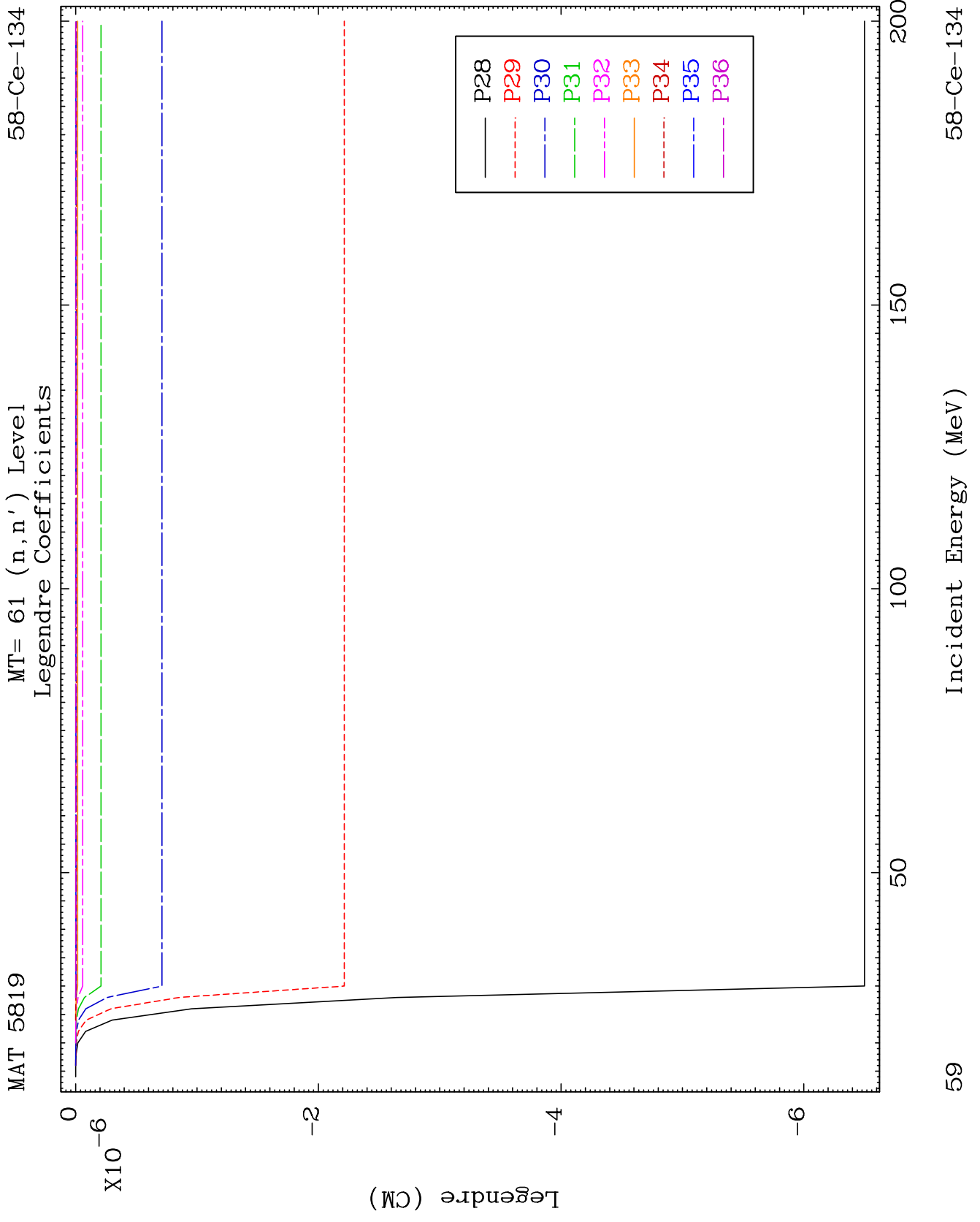


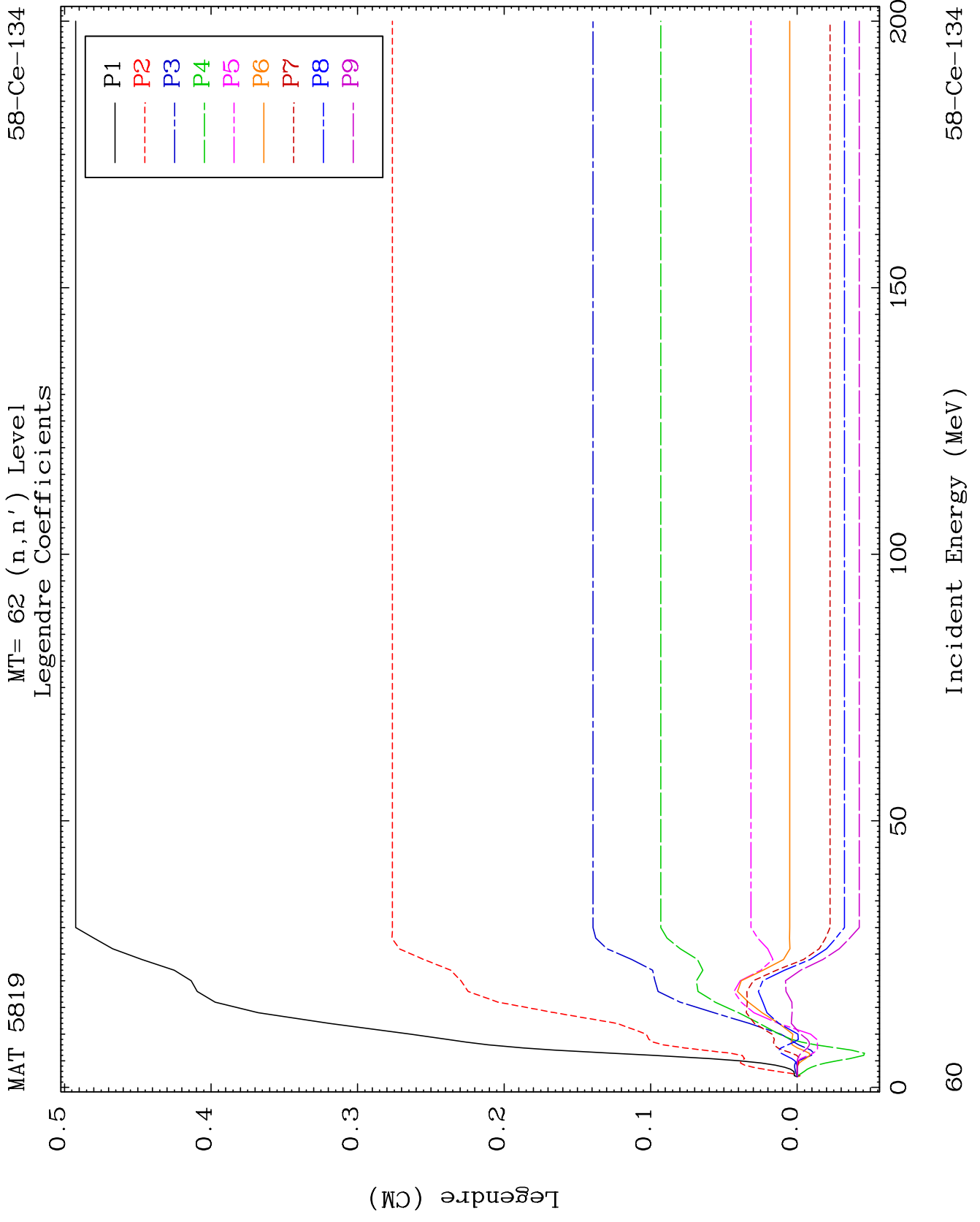
57

Incident Energy (MeV)

58-Ce-134



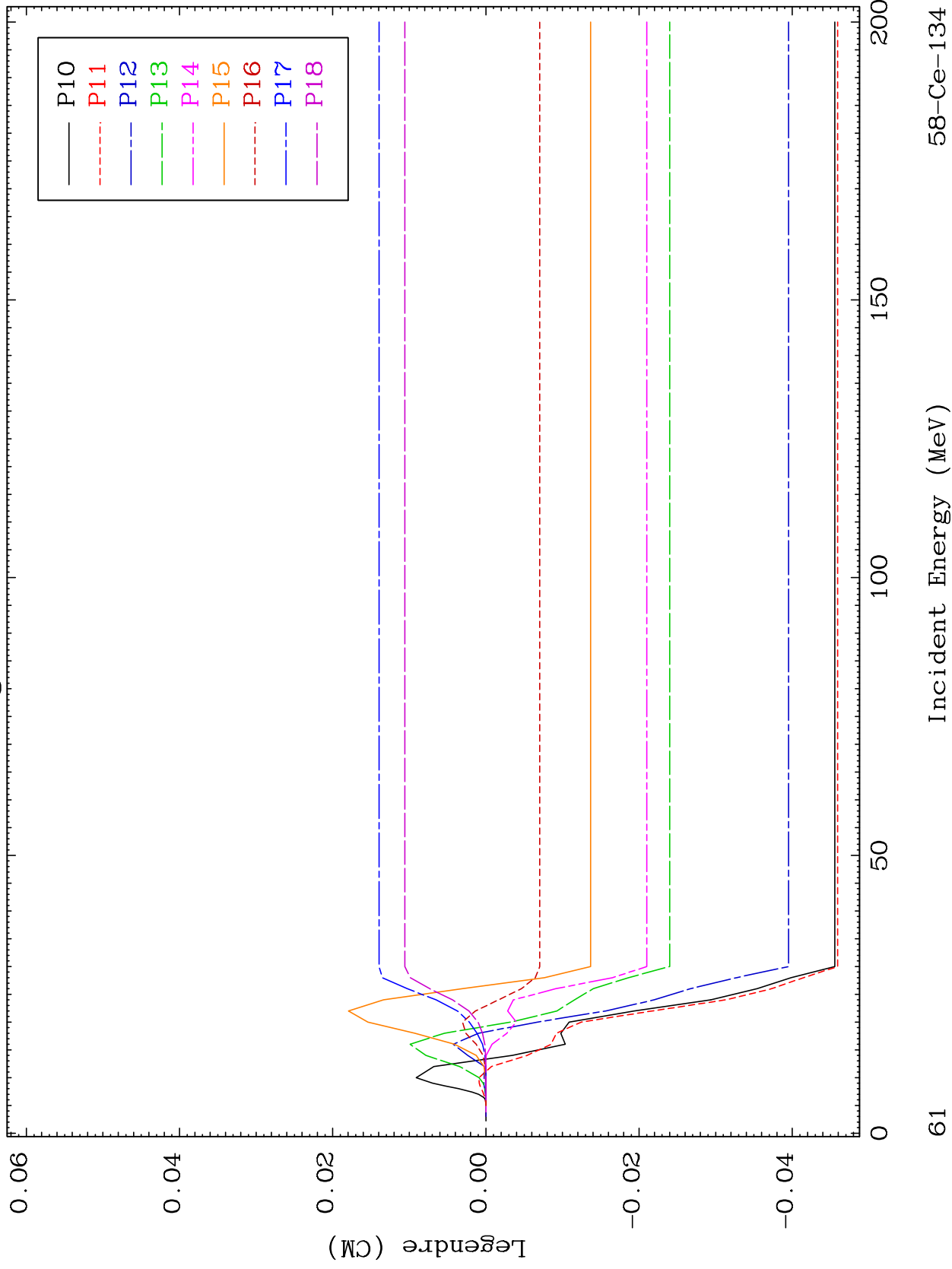




MAT 5819

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

58-Ce-134



61

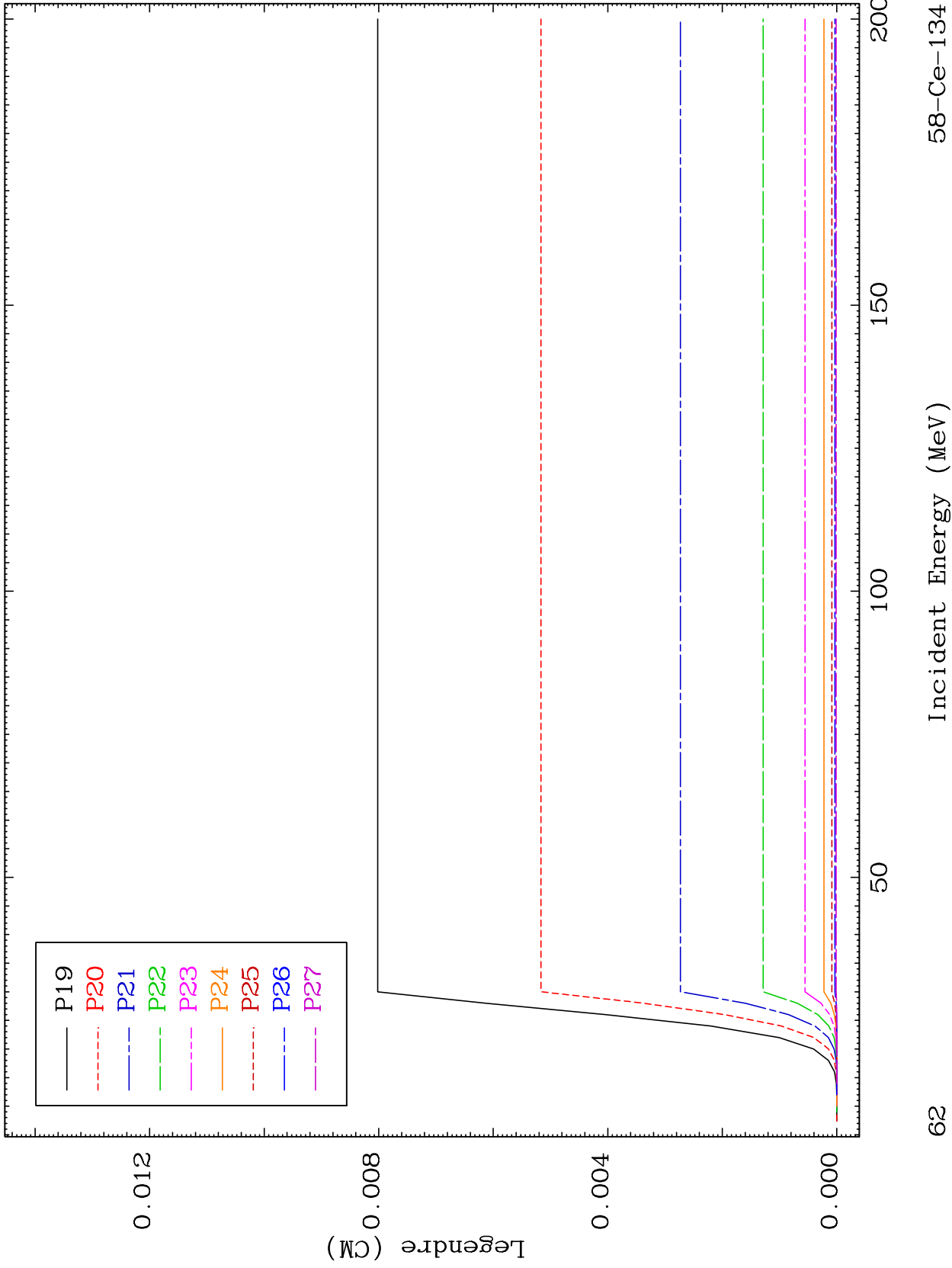
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



62

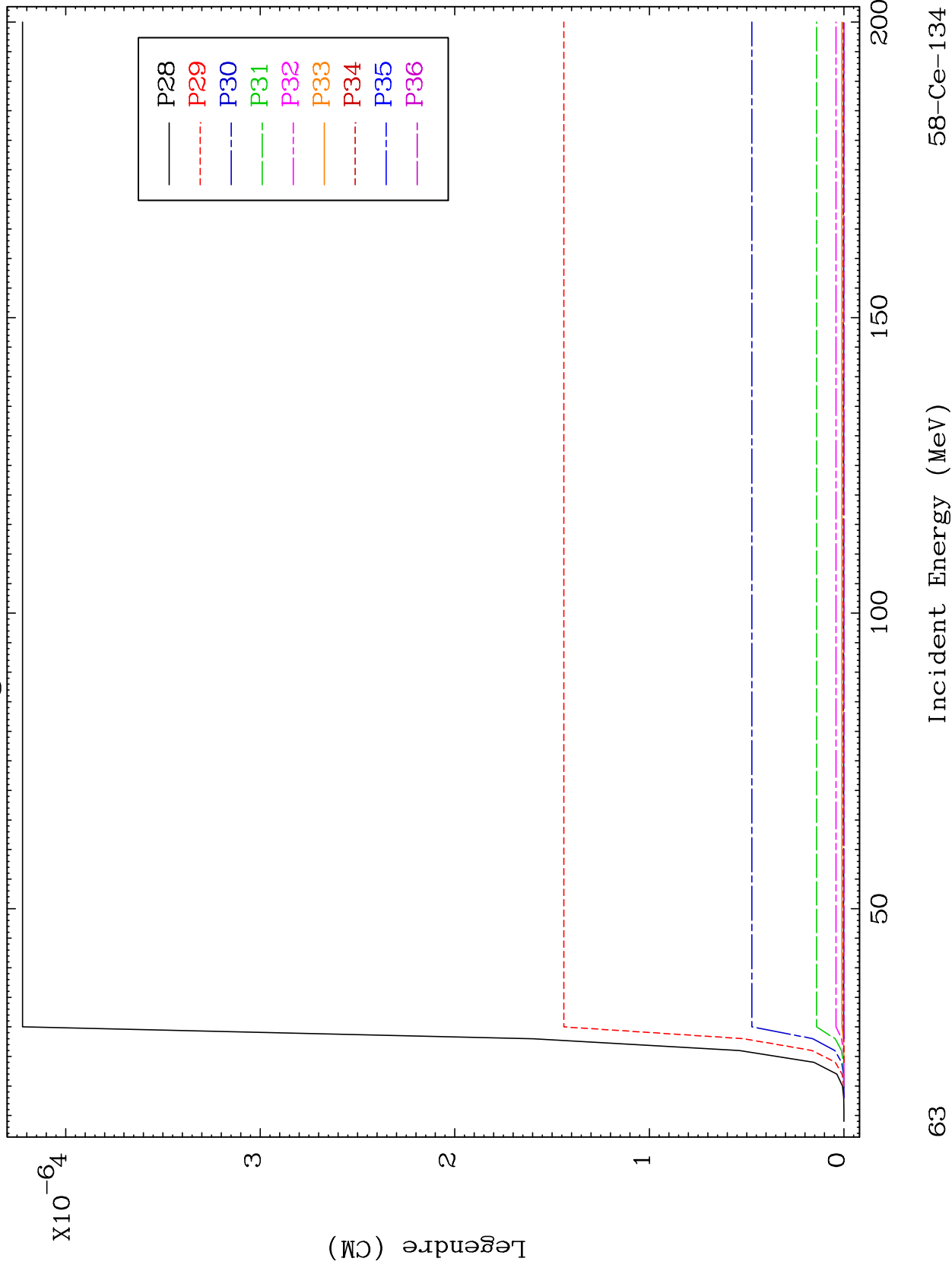
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

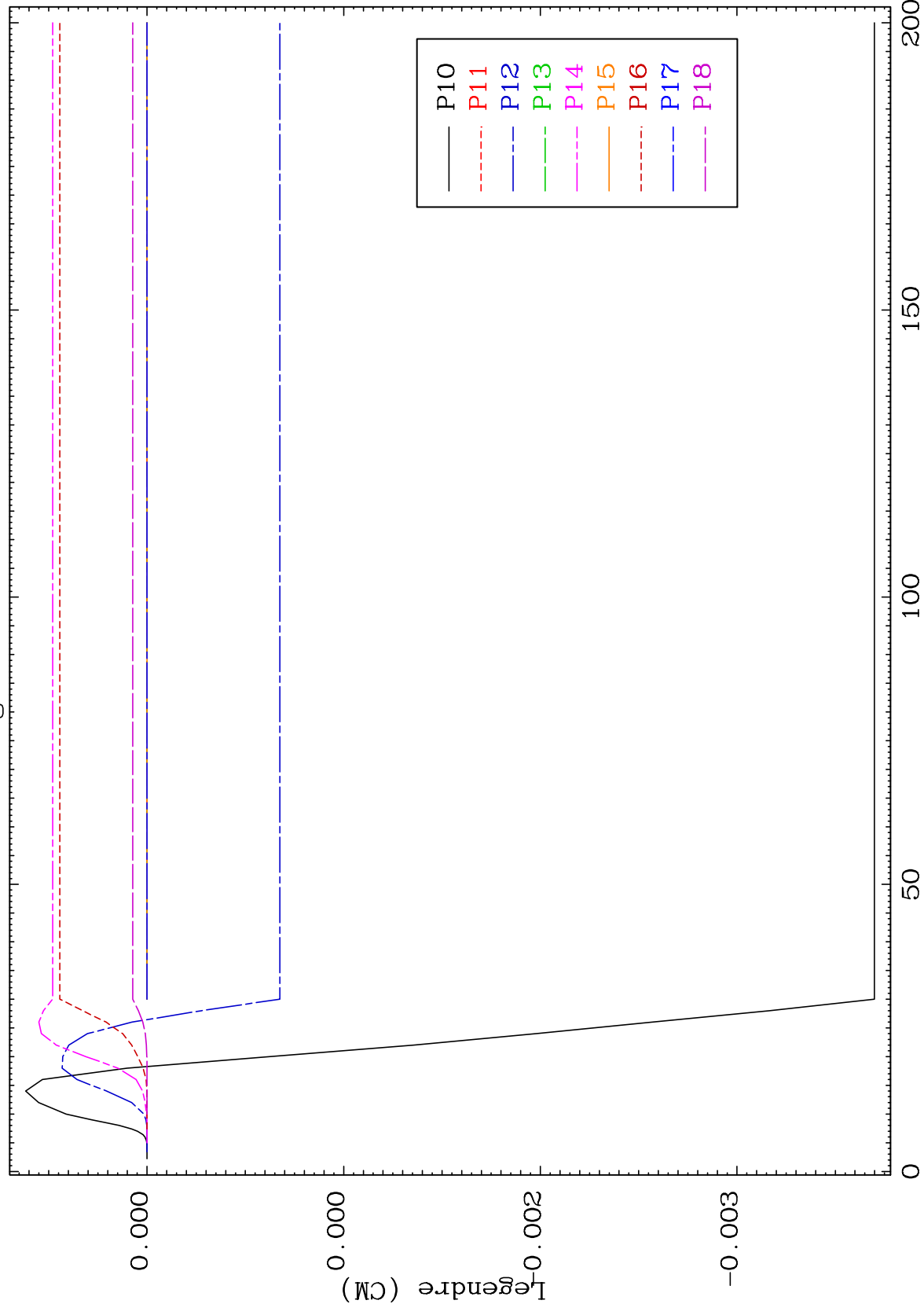
58-Ce-134



MAT 5819

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

58-Ce-134



65

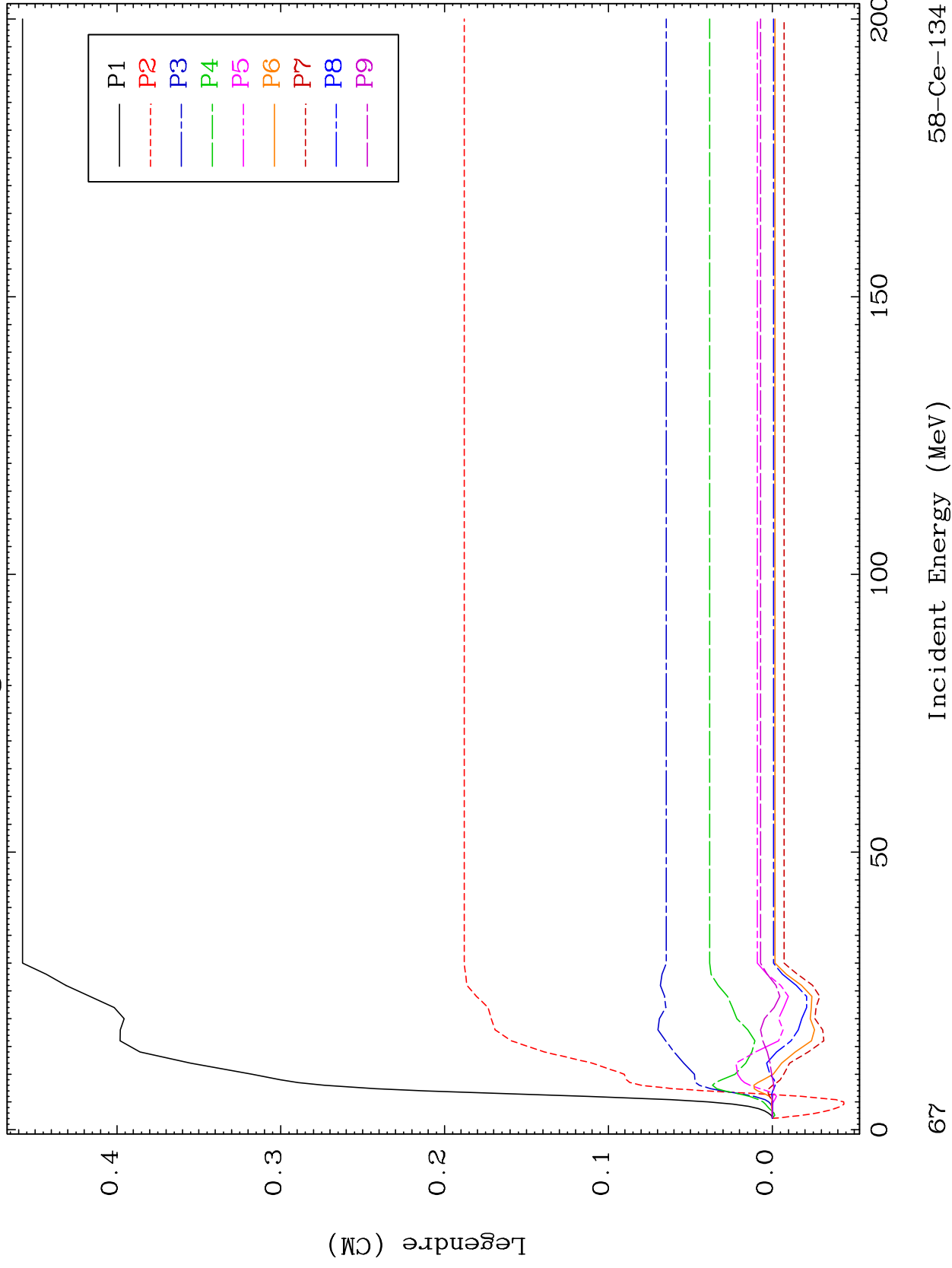
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



58-Ce-134

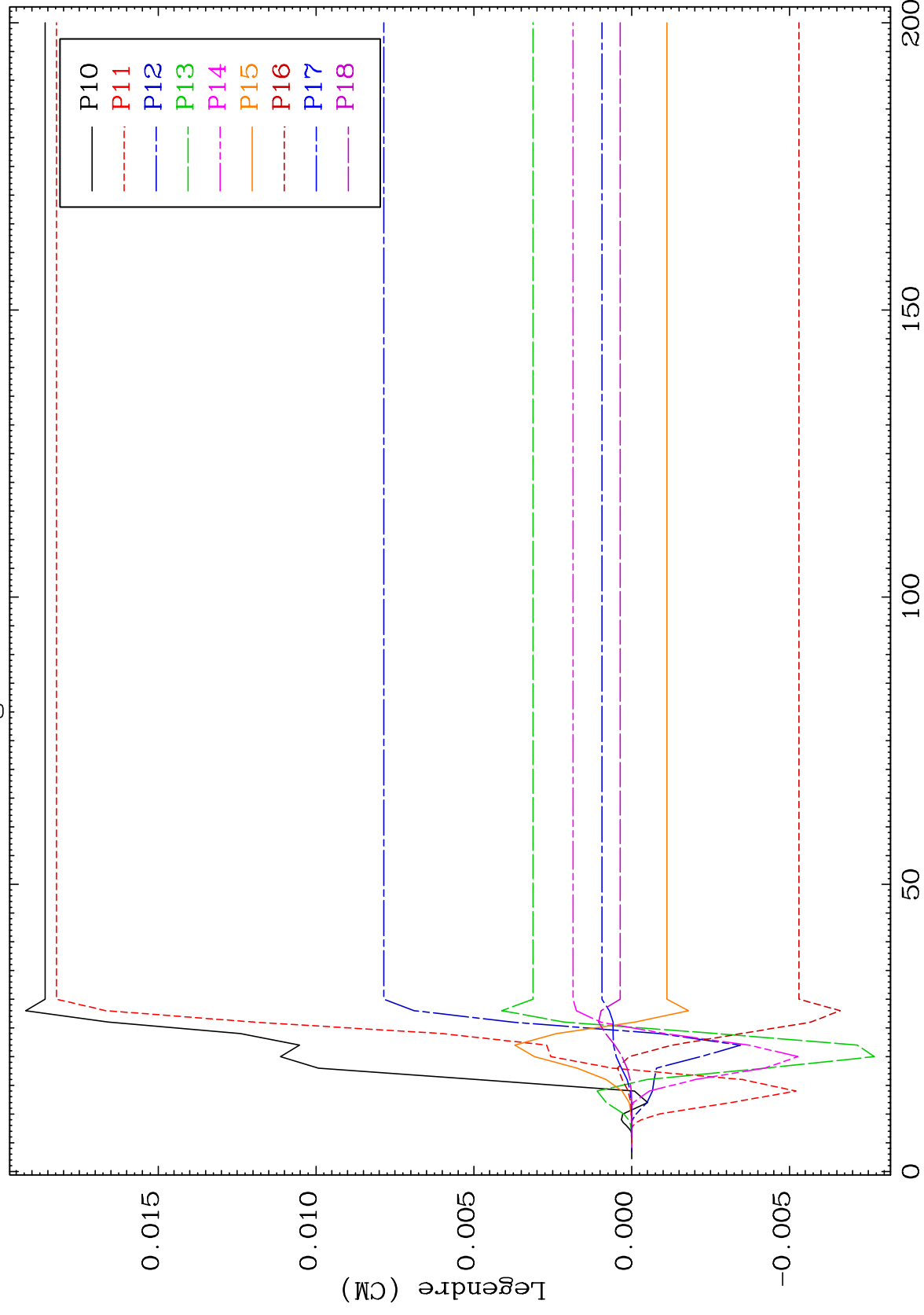
Incident Energy (MeV)

67

MAT 5819

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

58-Ce-134



68

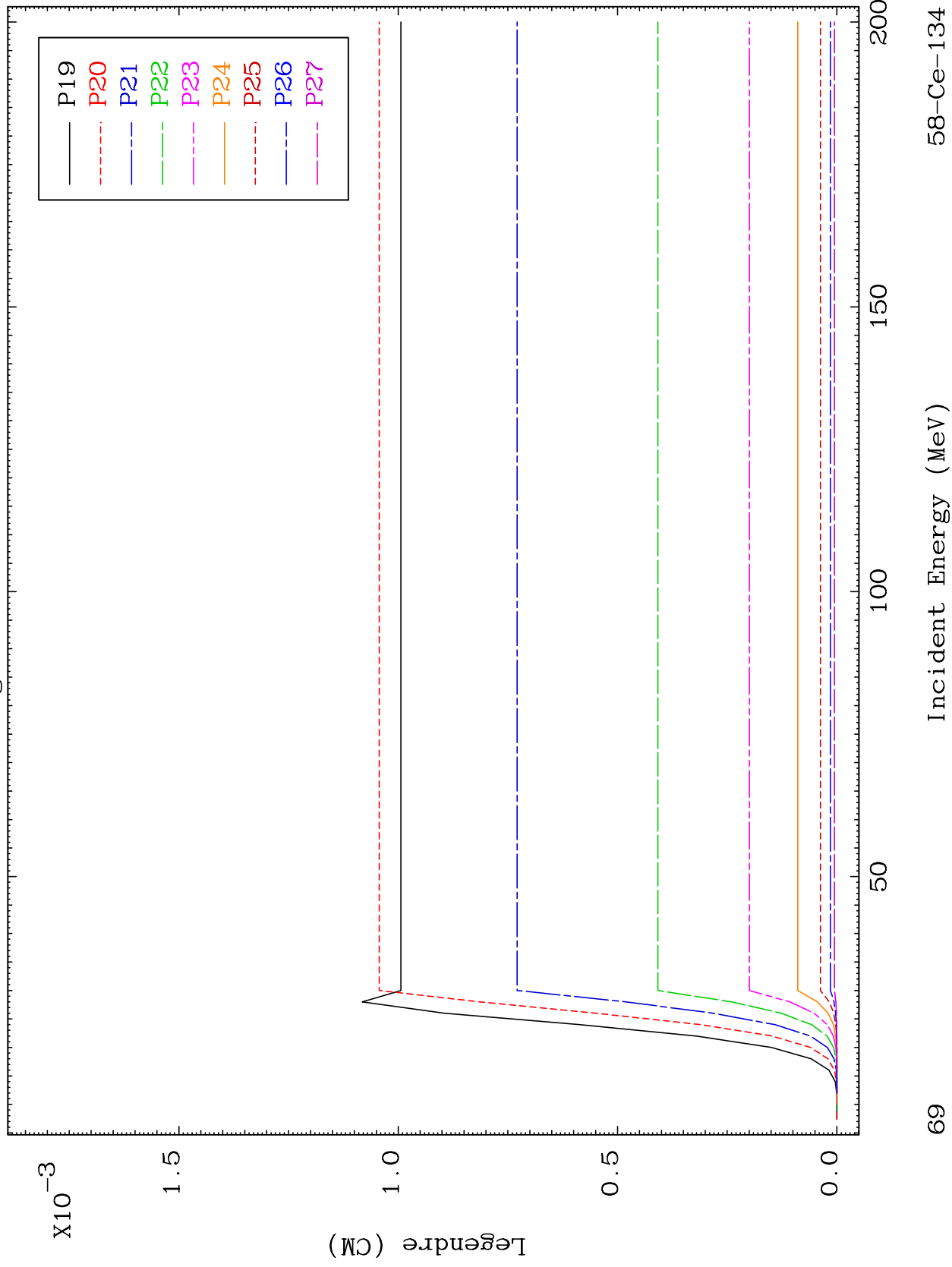
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



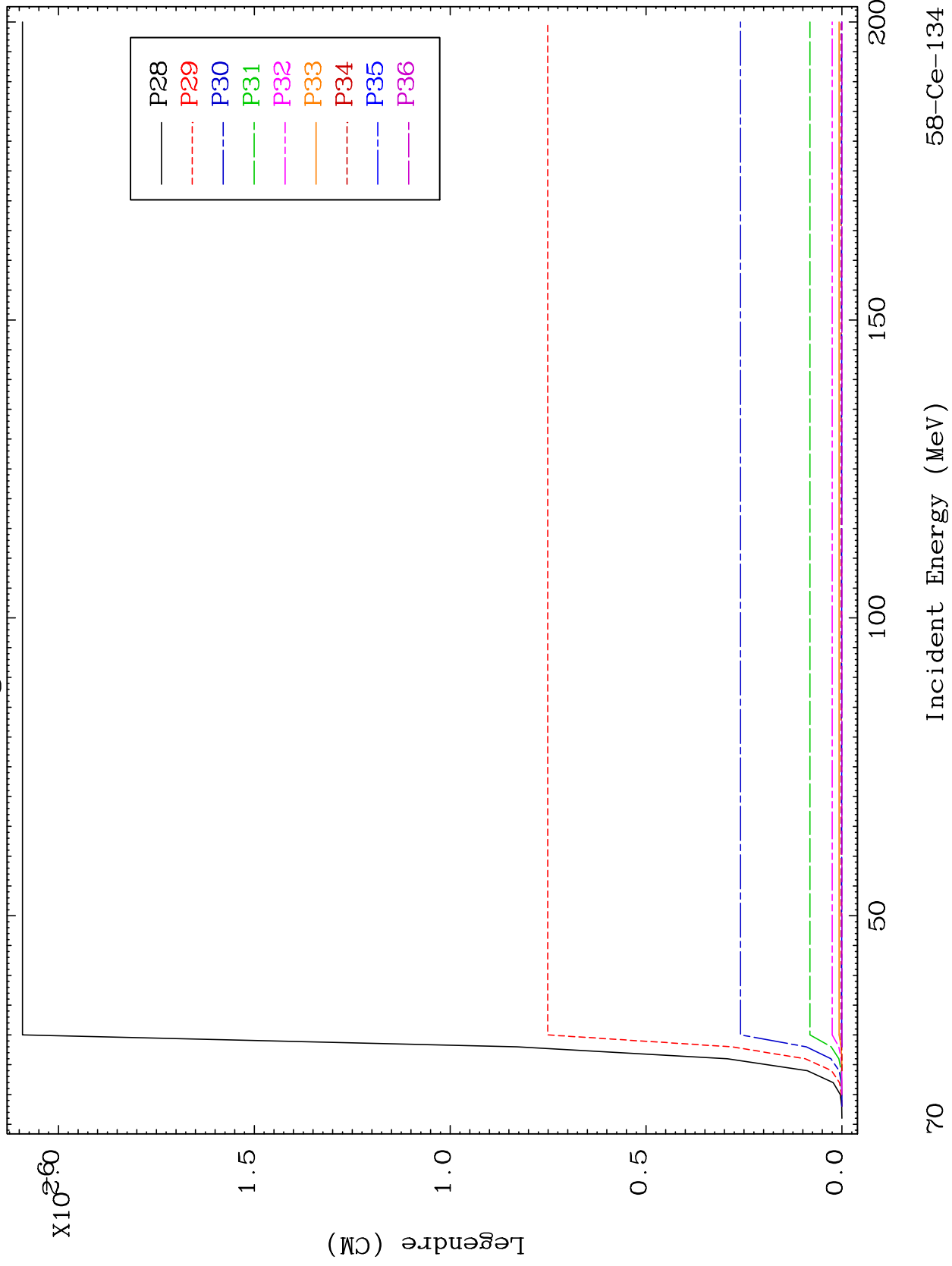
69

58-Ce-134

MAT 5819

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

58-Ce-134



58-Ce-134

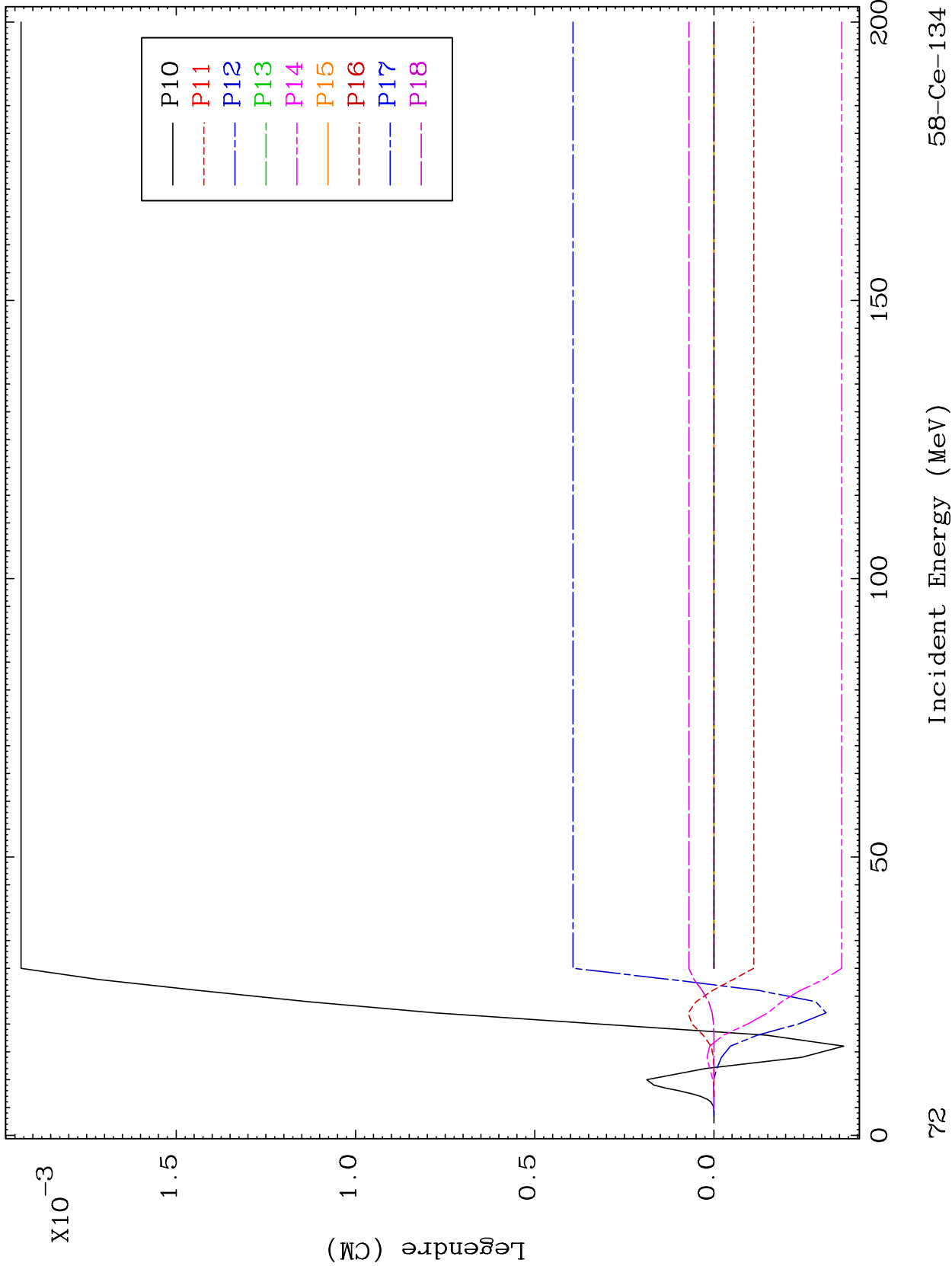
Incident Energy (MeV)

70

MAT 5819

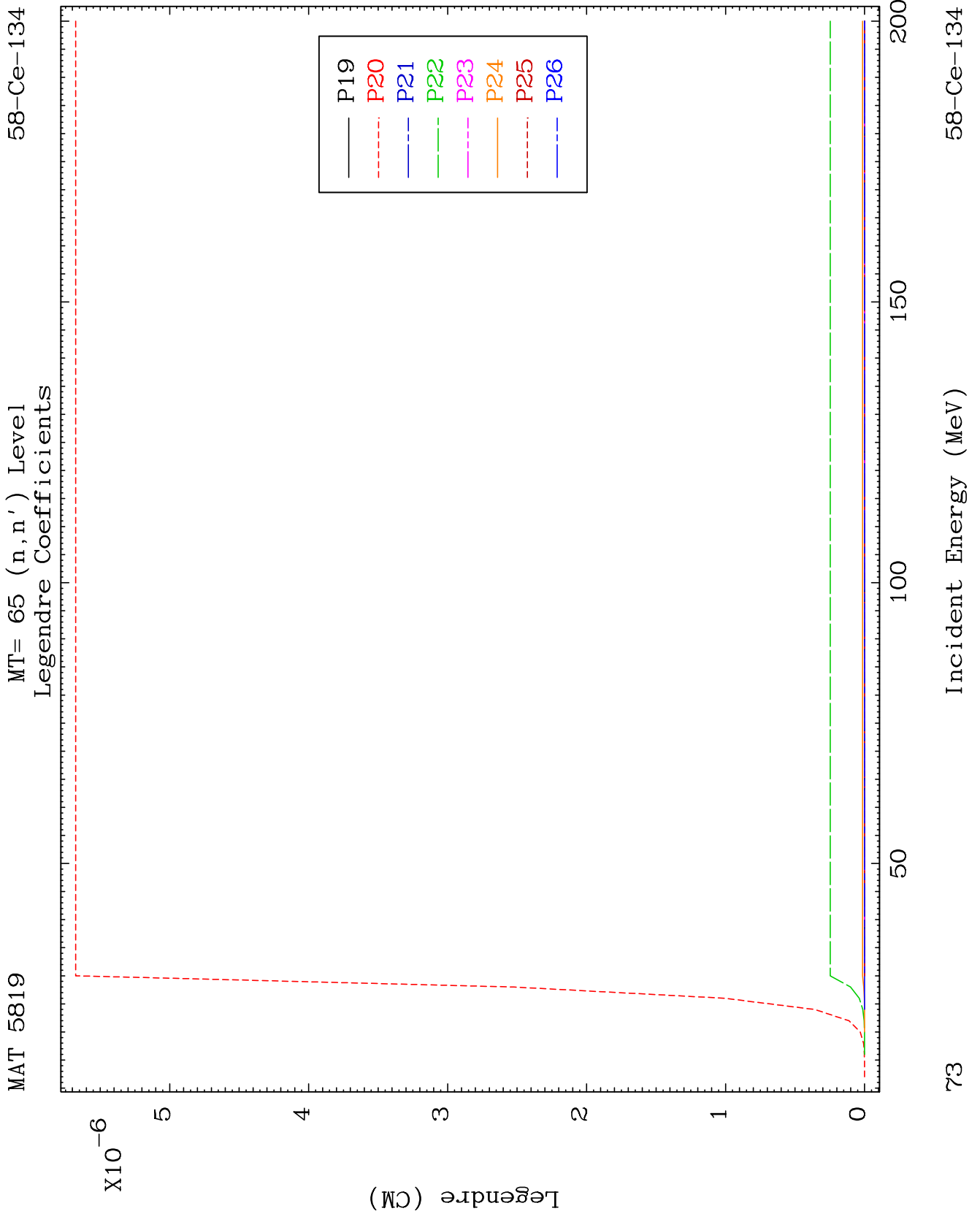
MT= 65 (n,n') Level
Legendre Coefficients

58-Ce-134



72

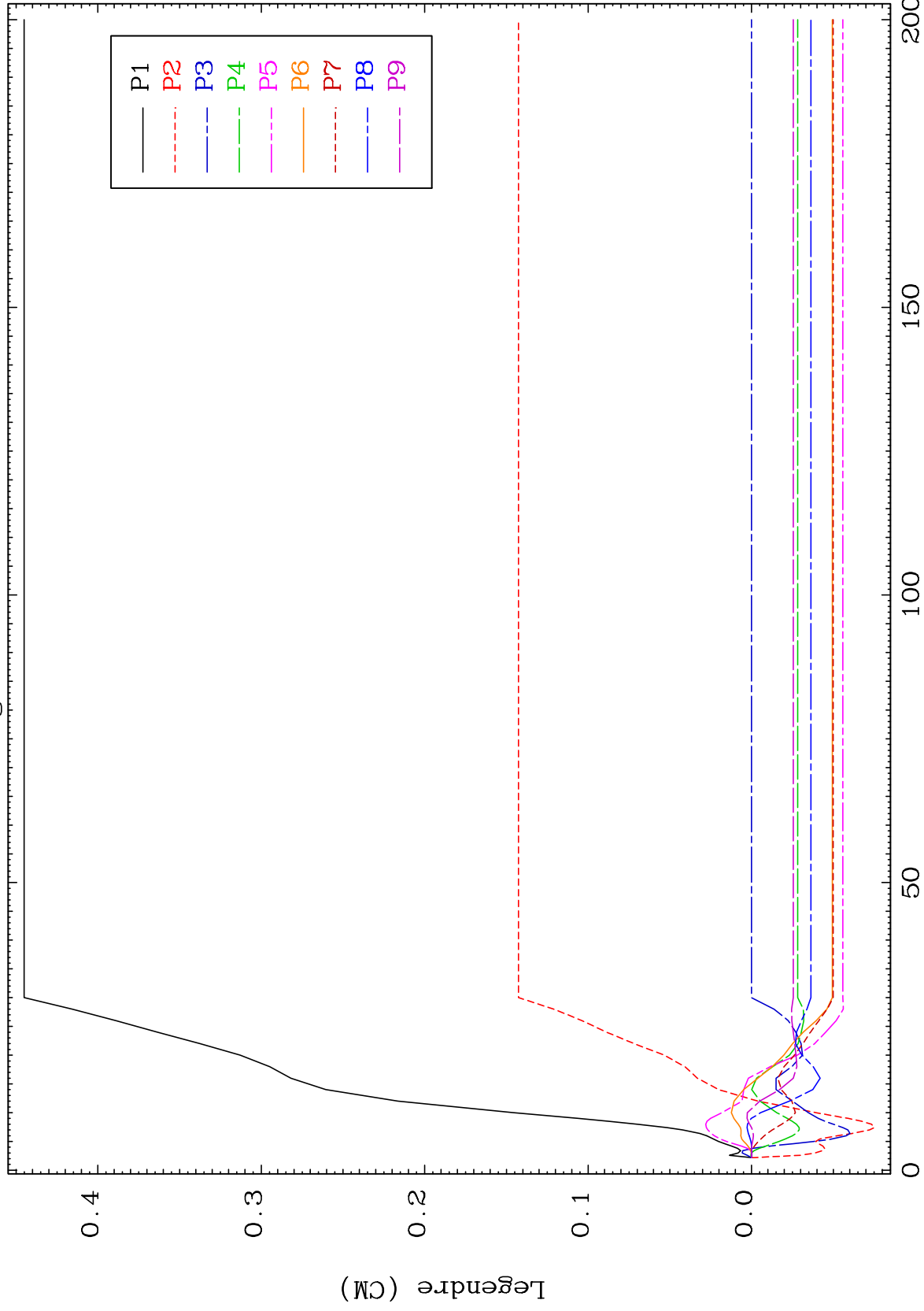
58-Ce-134



MAT 5819

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

58-Ce-134



74

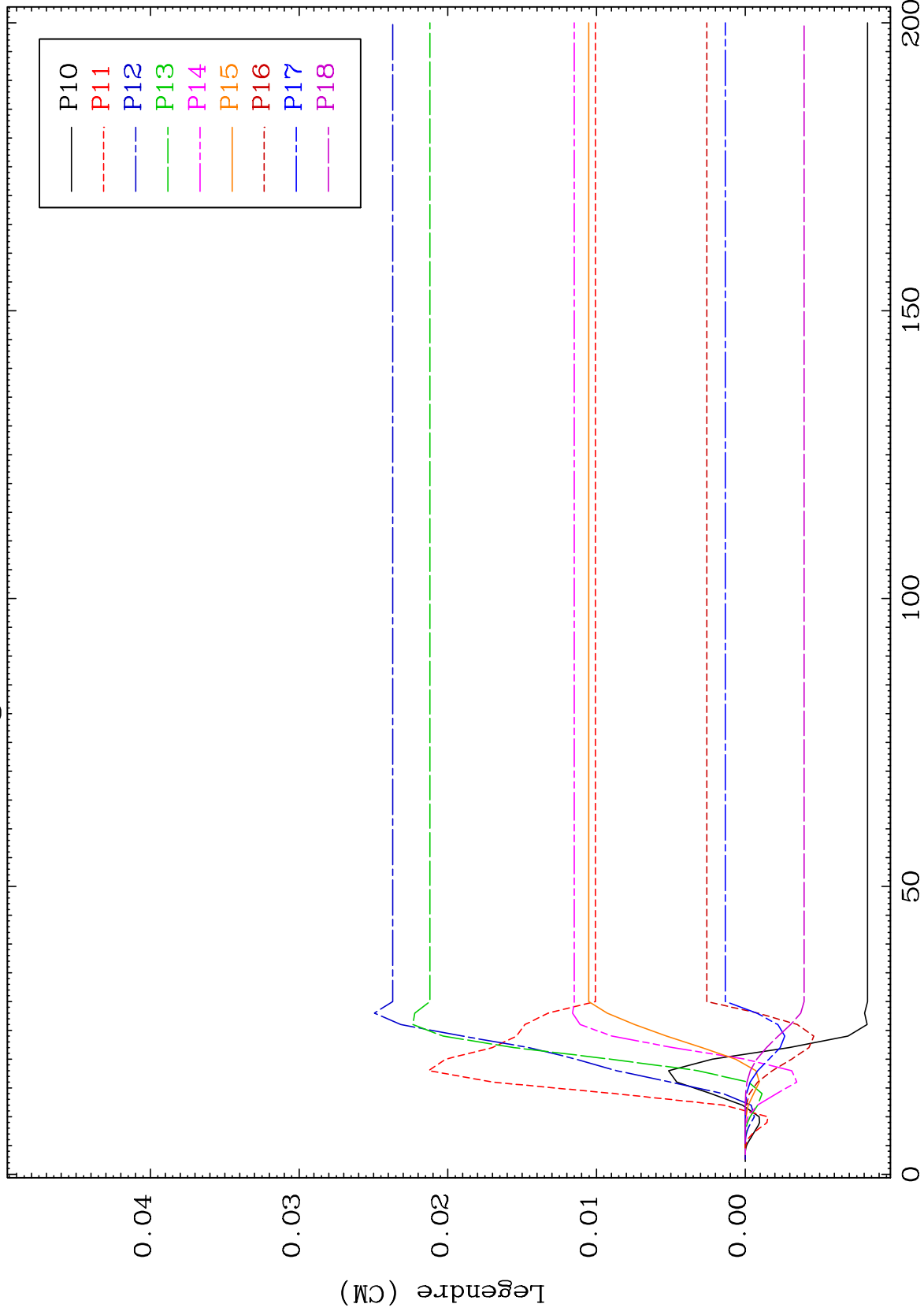
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



75

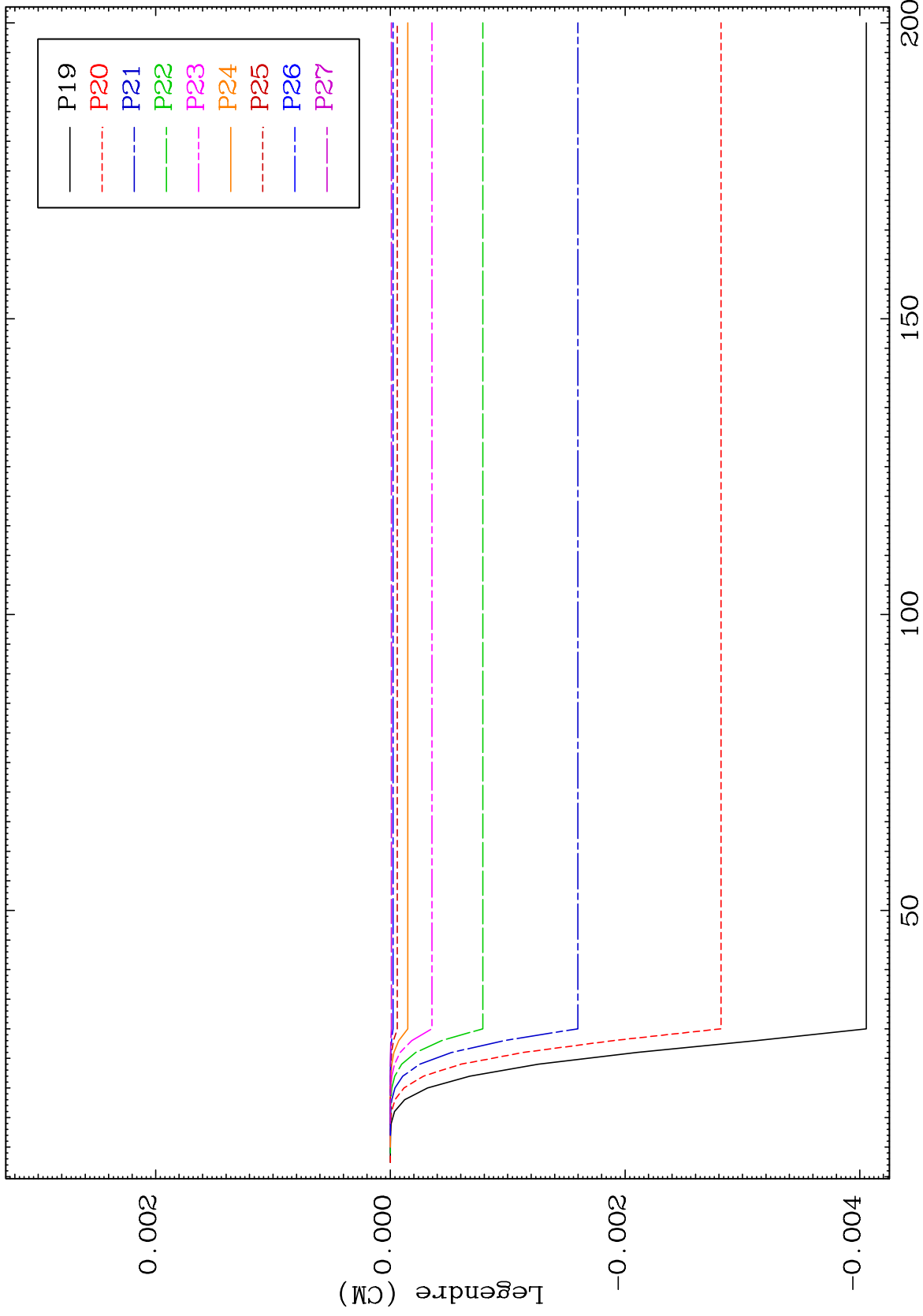
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

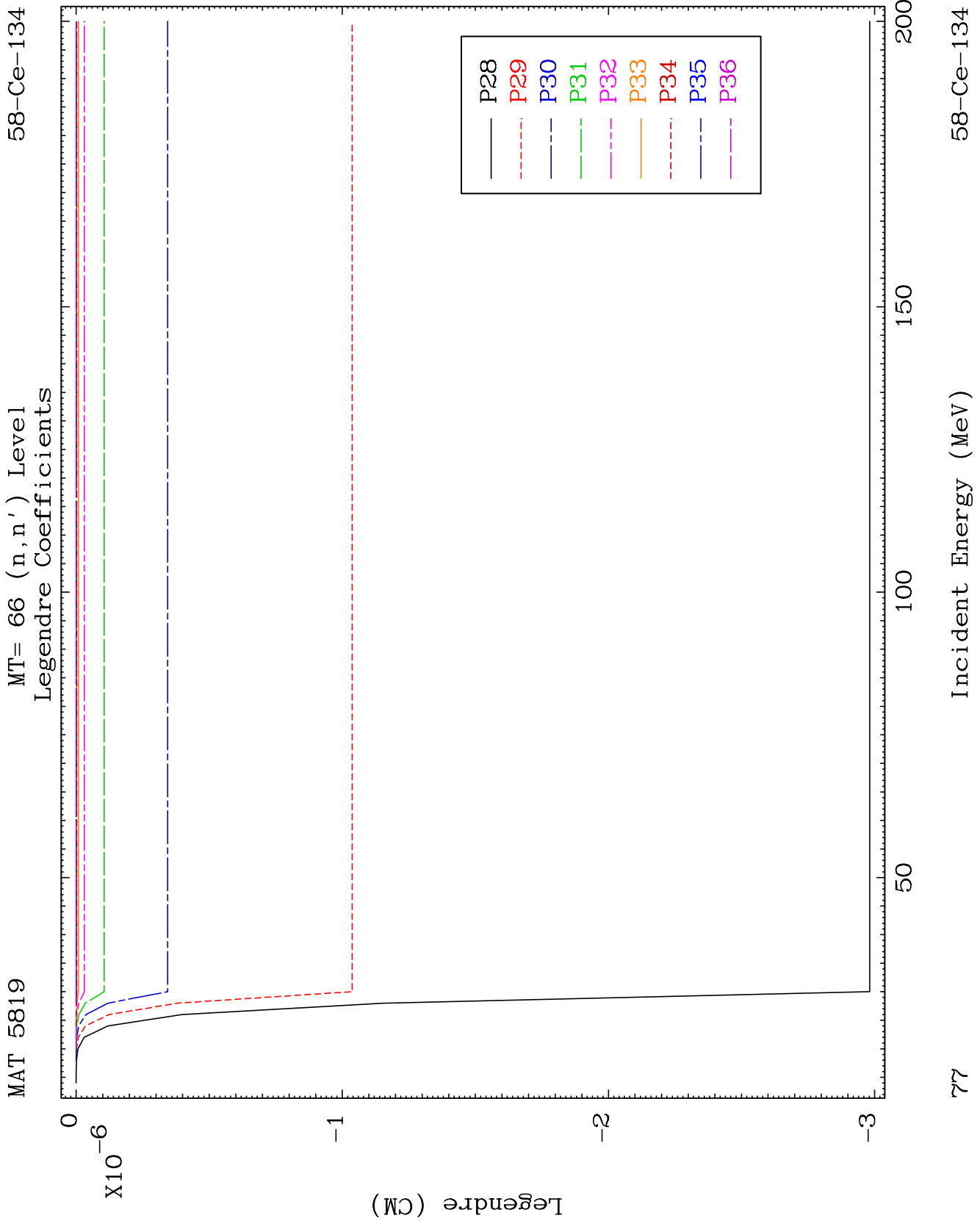
58-Ce-134

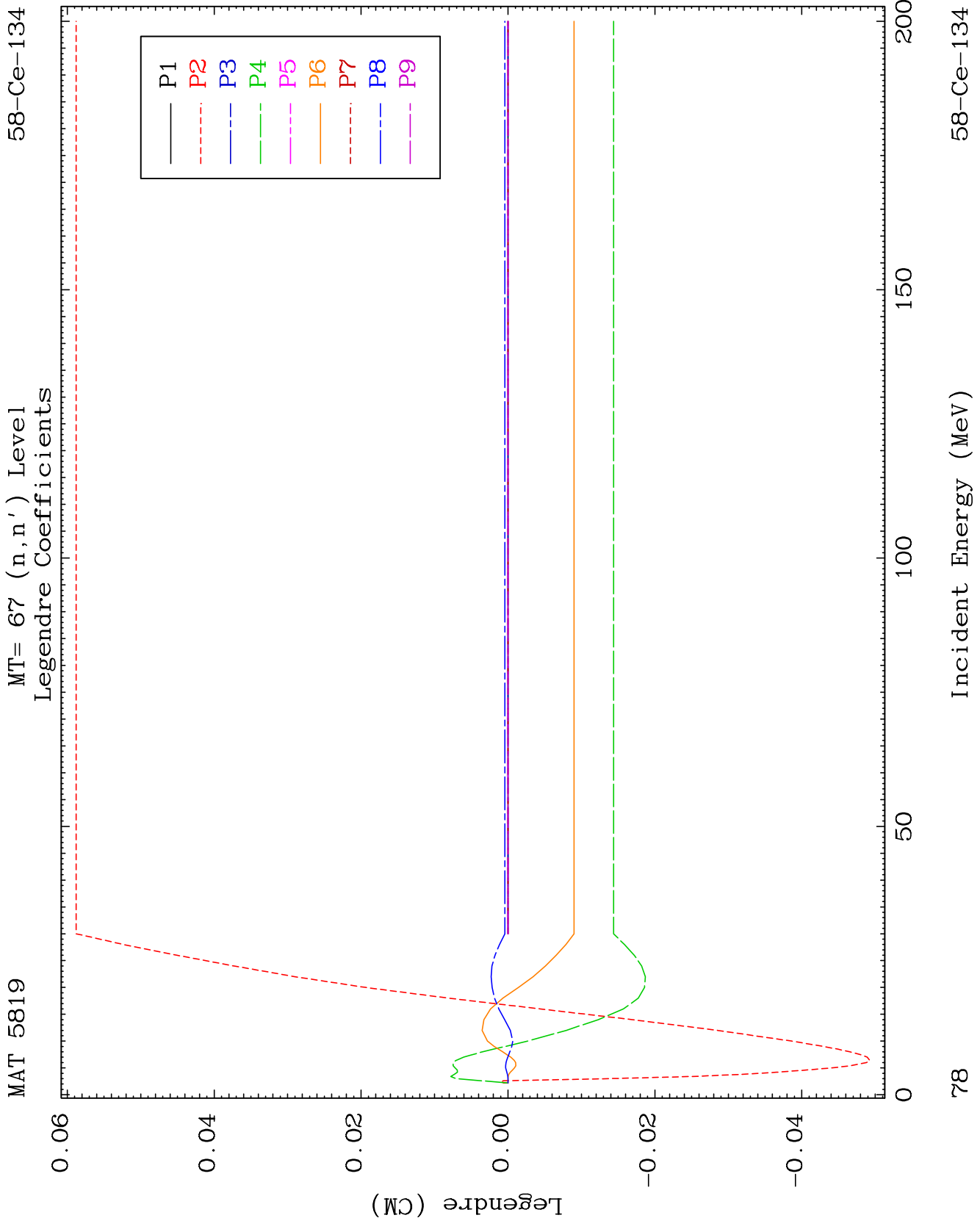


76

Incident Energy (MeV)

58-Ce-134

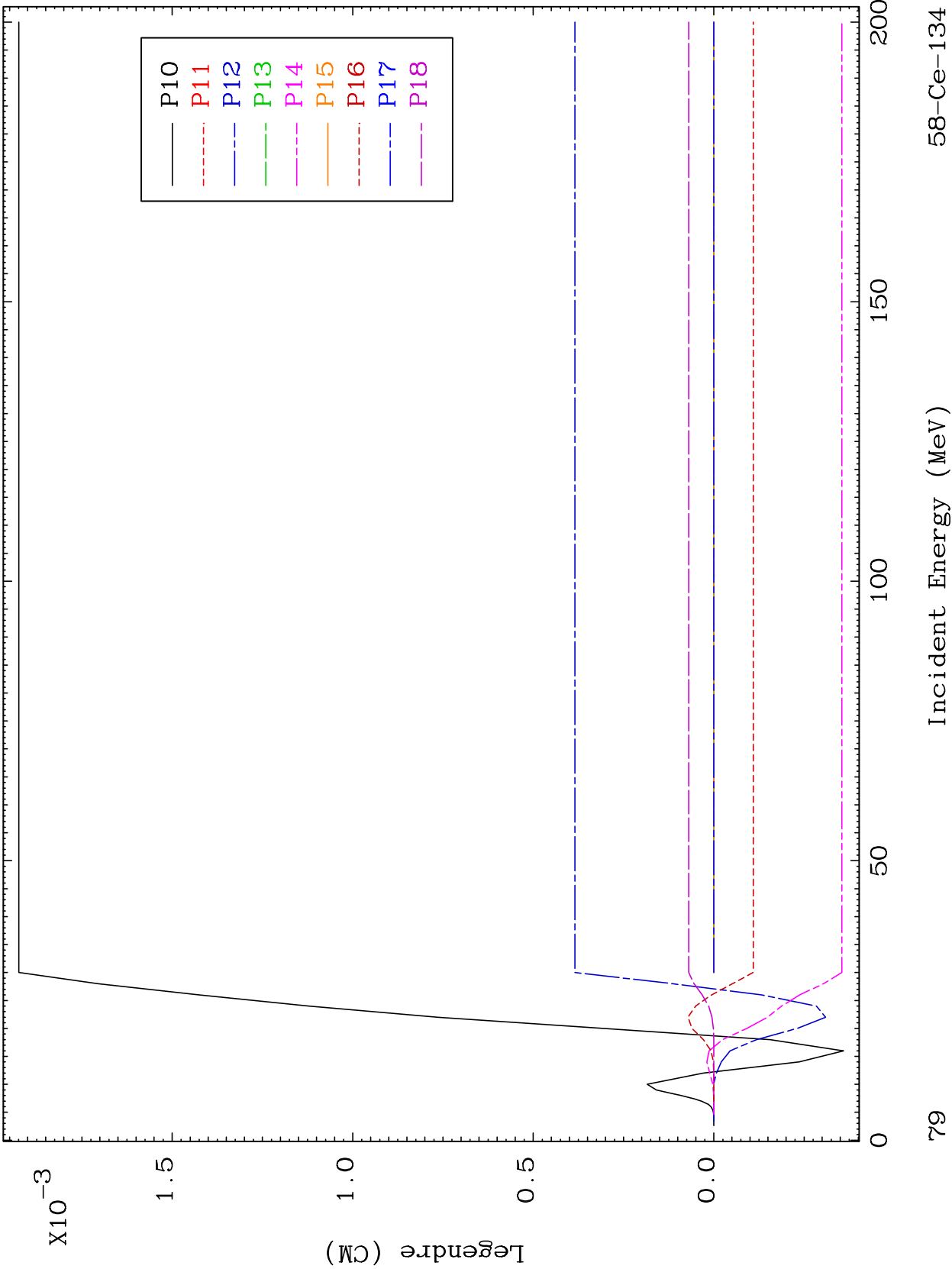




MAT 5819

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

58-Ce-134



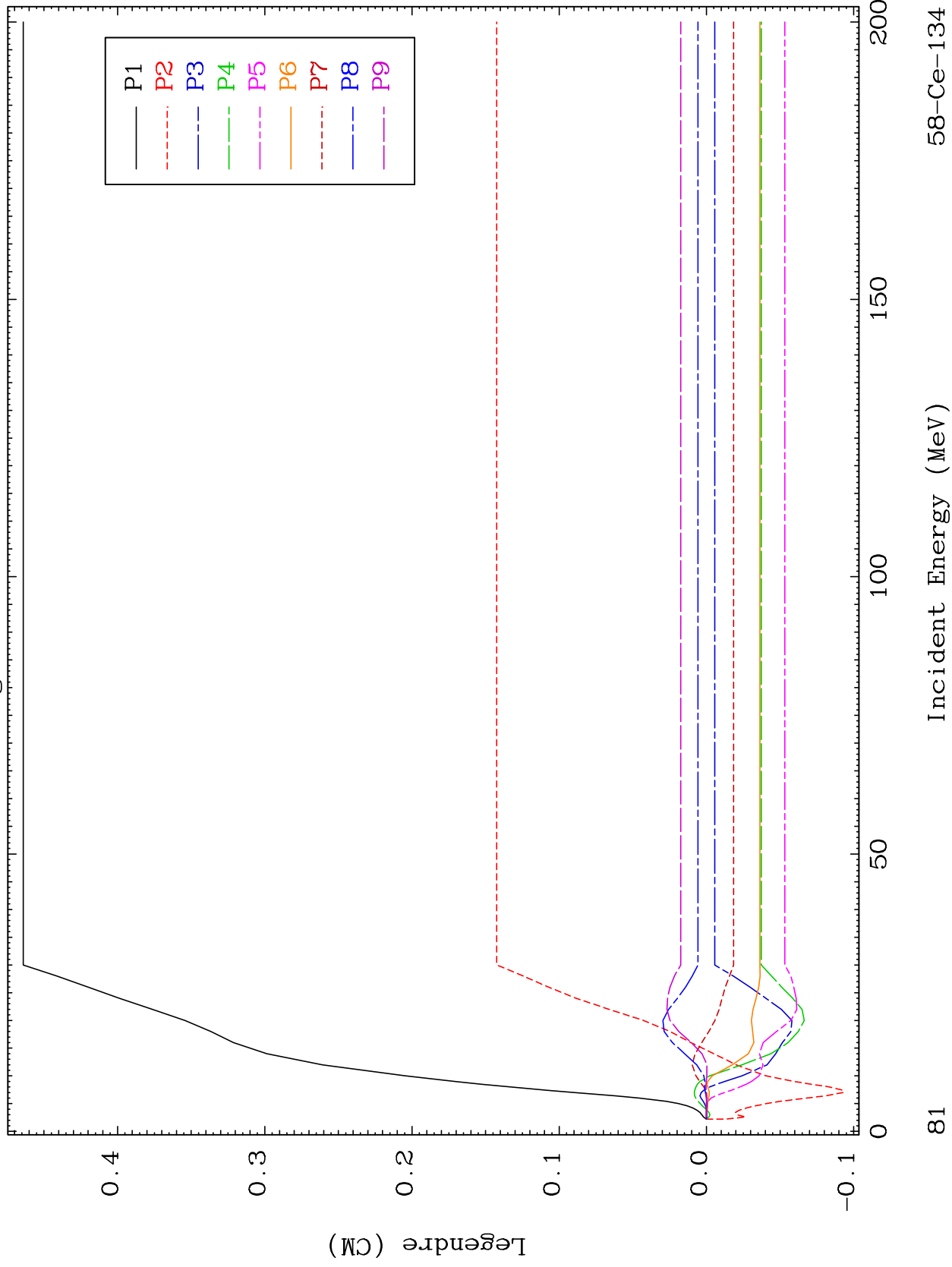
79

58-Ce-134

MAT 5819

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

58-Ce-134



81

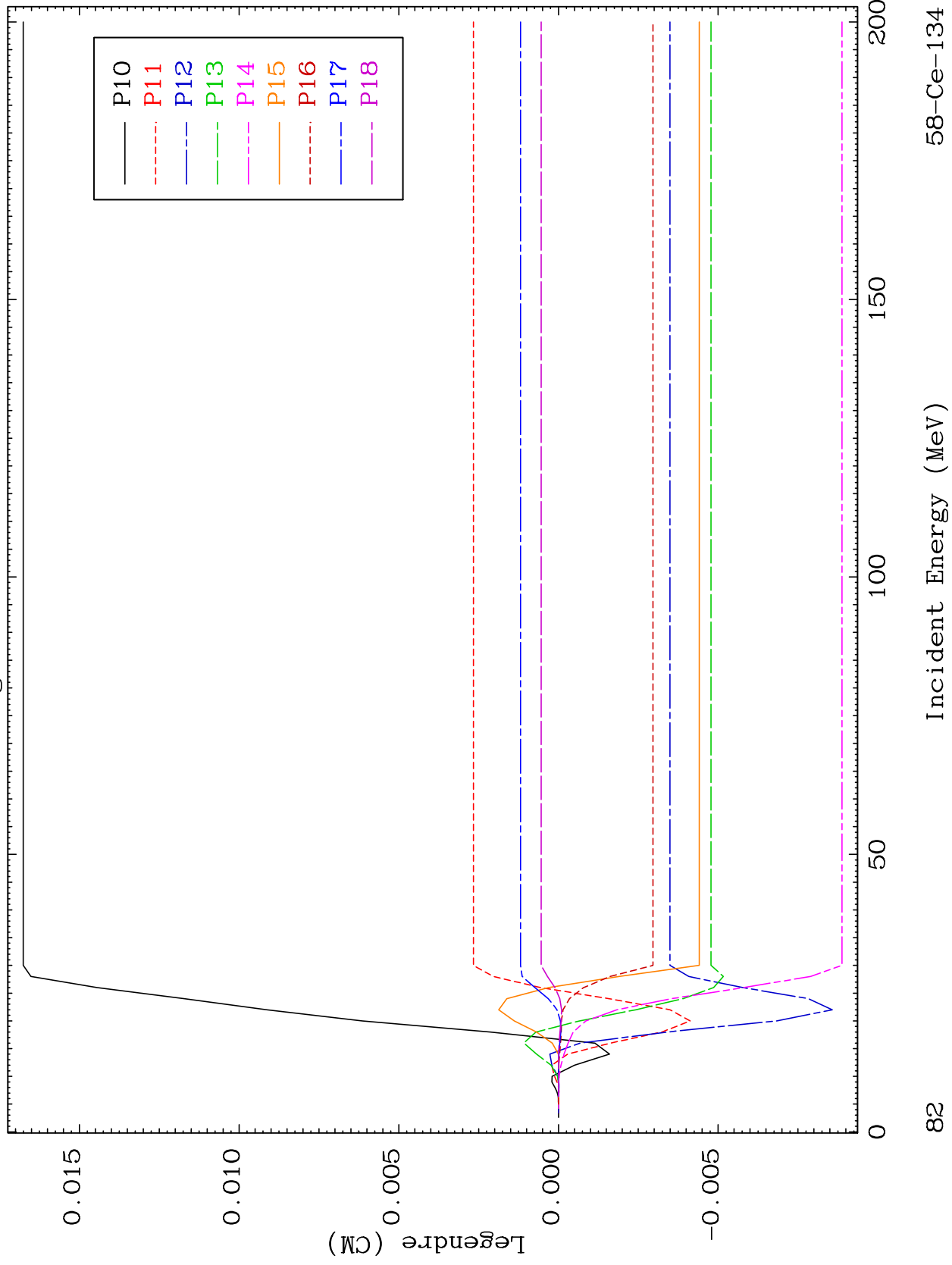
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

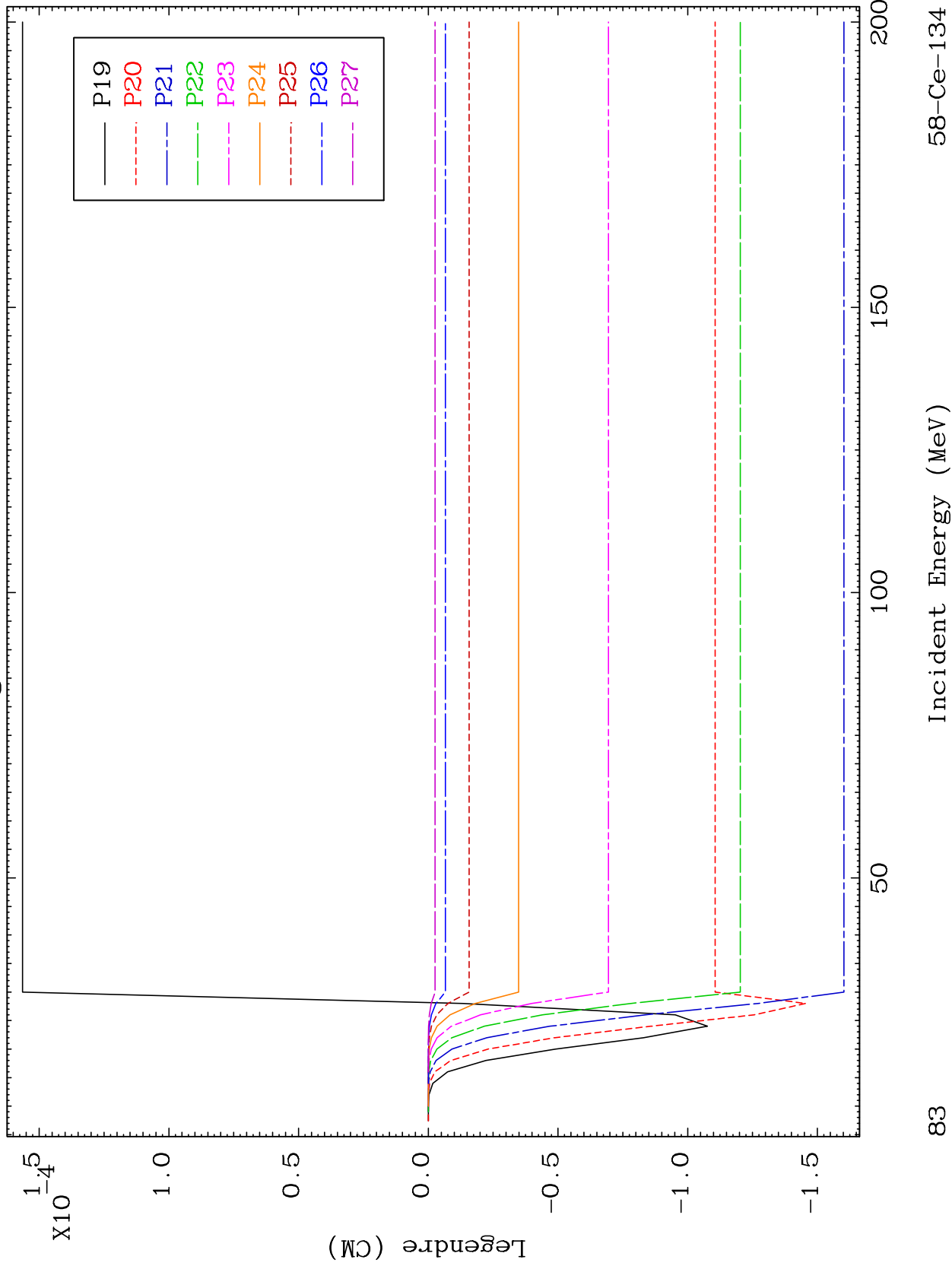
58-Ce-134



MAT 5819

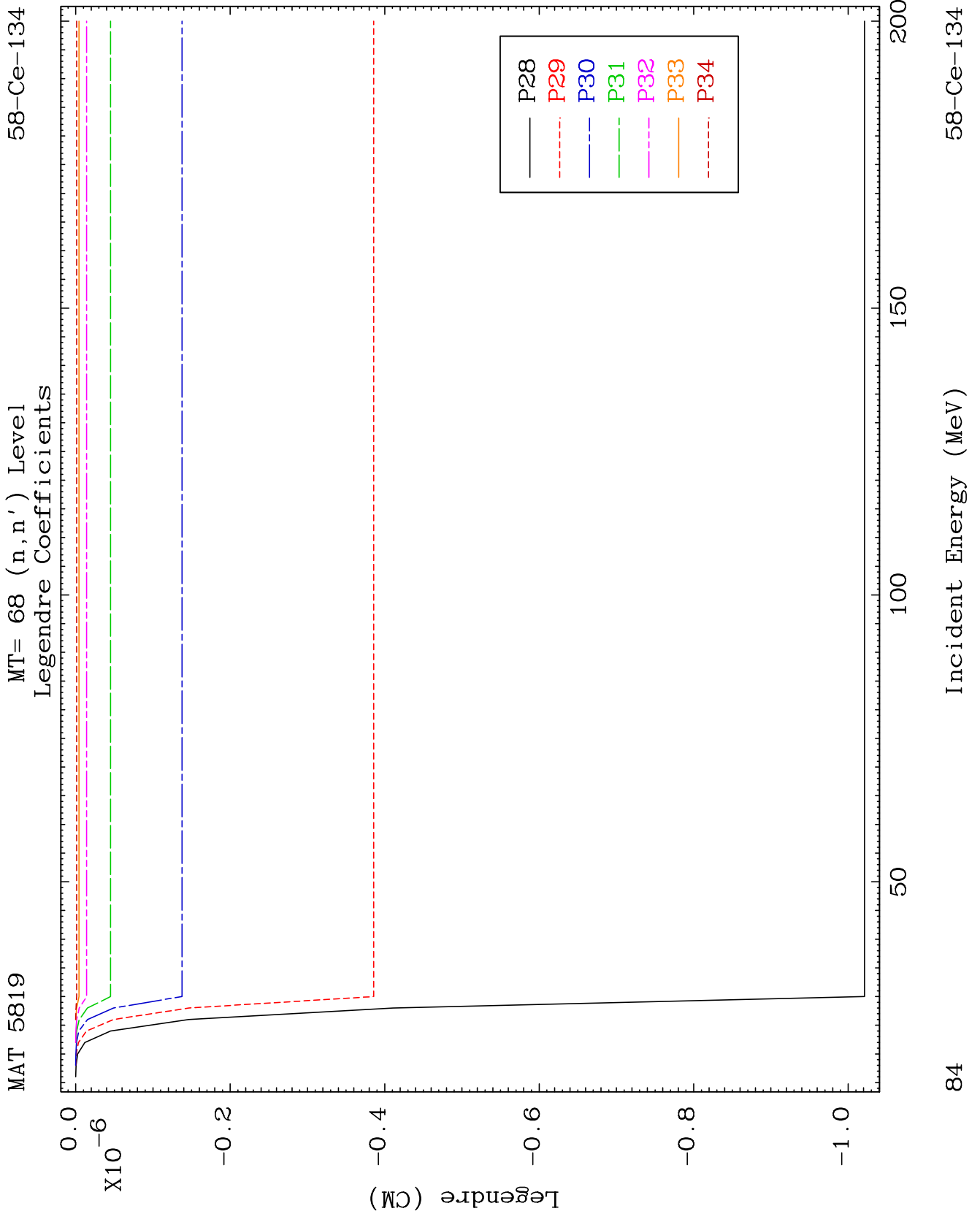
MT= 68 (n,n') Level
Legendre Coefficients

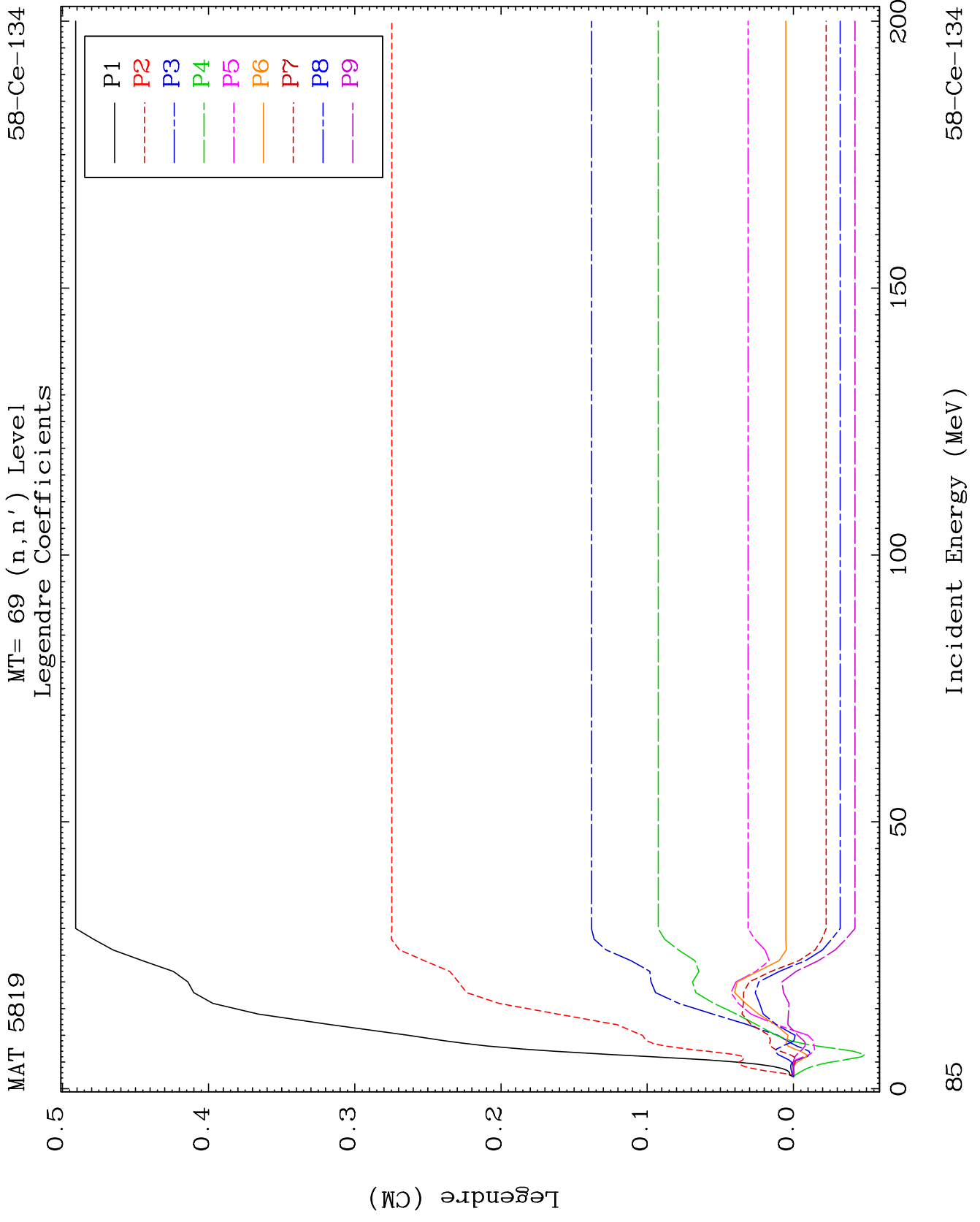
58-Ce-134

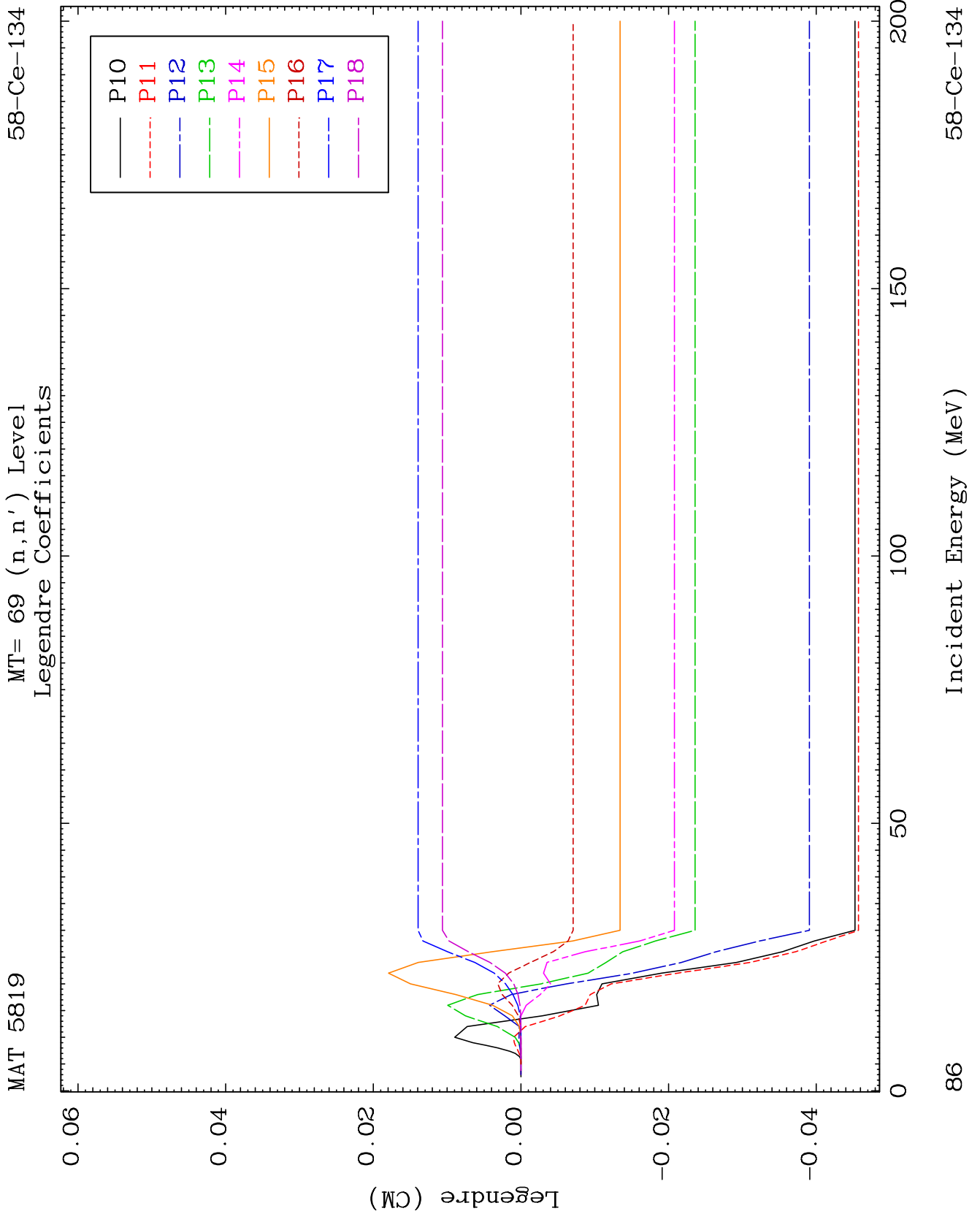


83

58-Ce-134



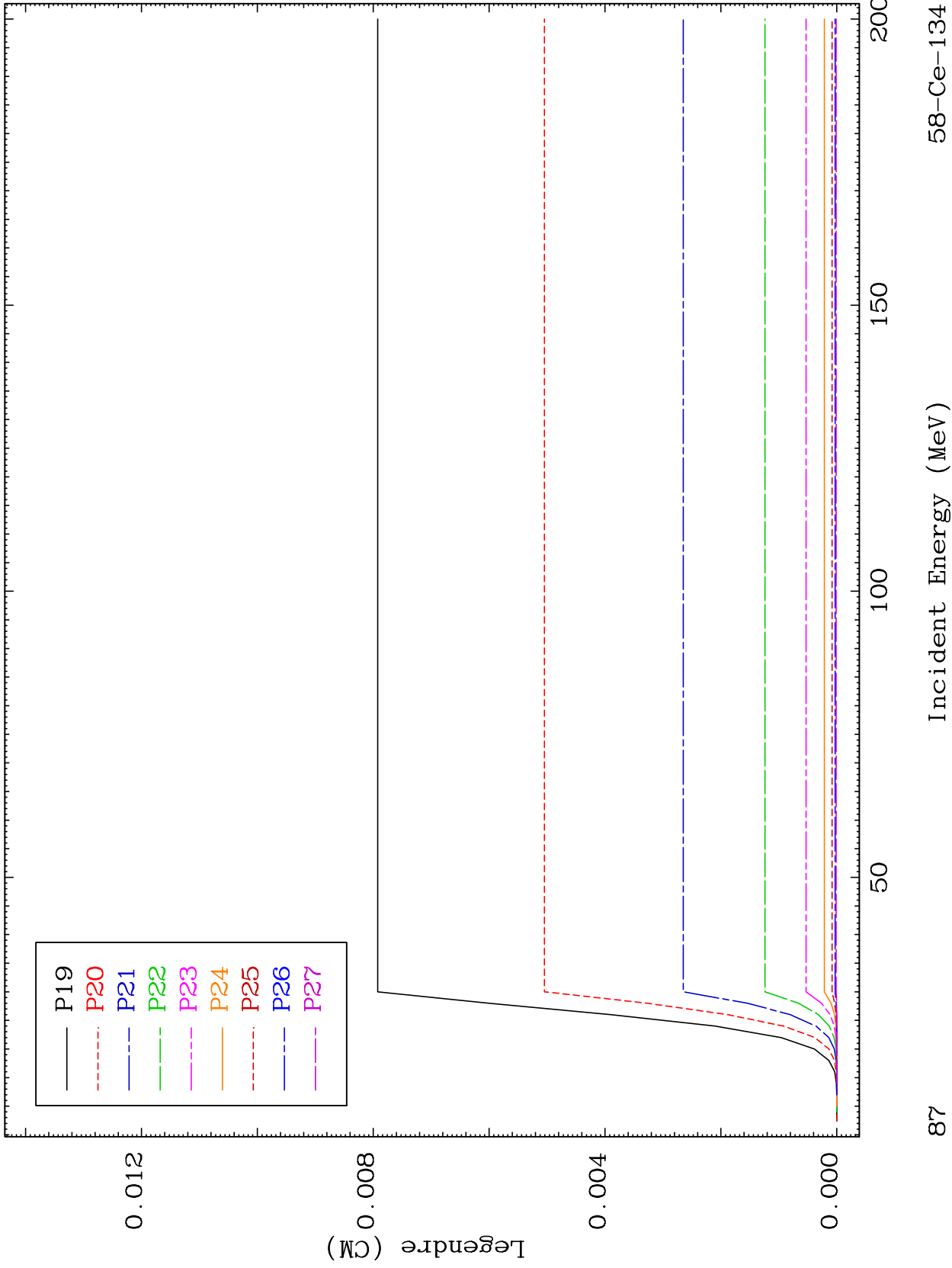




MAT 5819

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

58-Ce-134



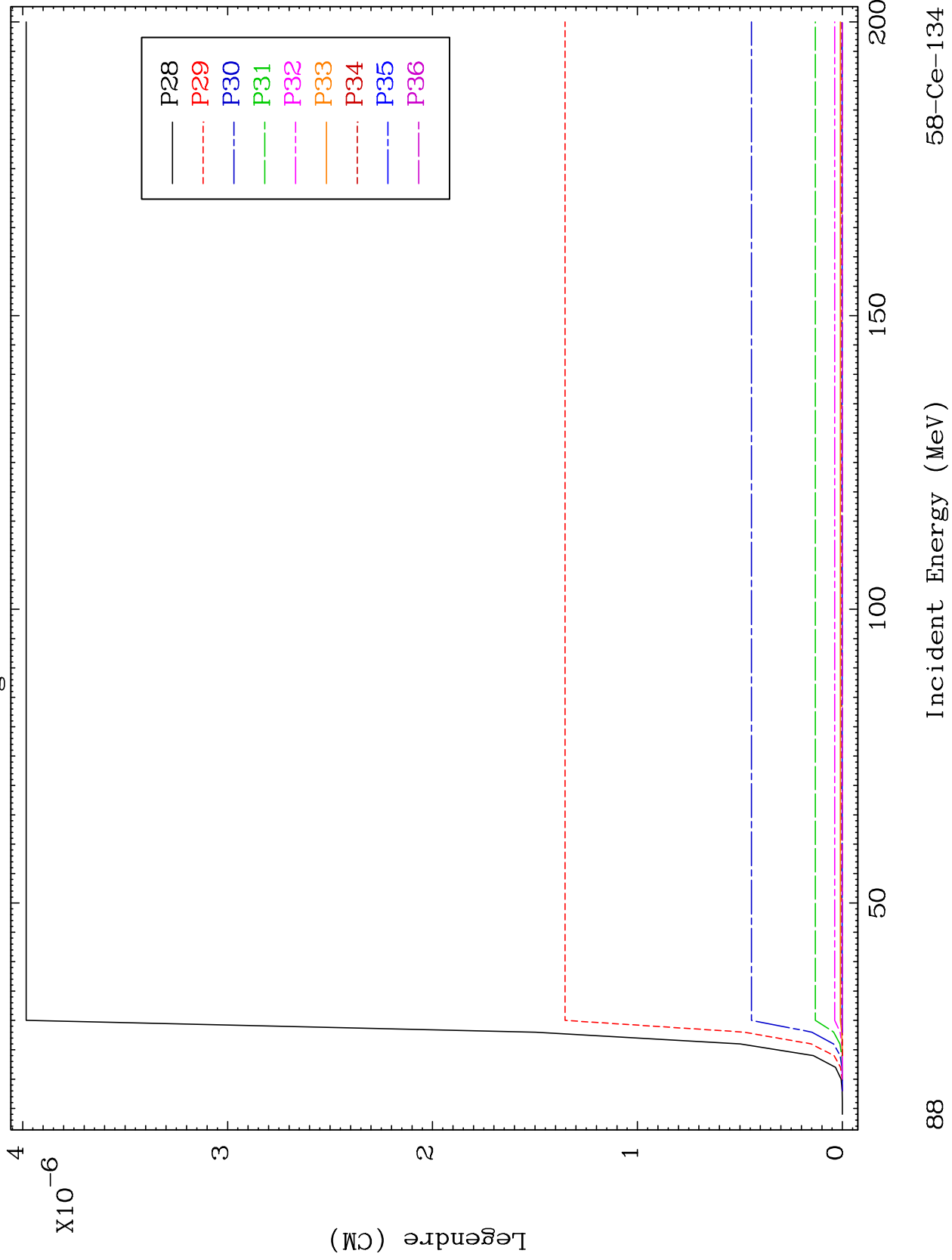
87

58-Ce-134

MAT 5819

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

58-Ce-134



88

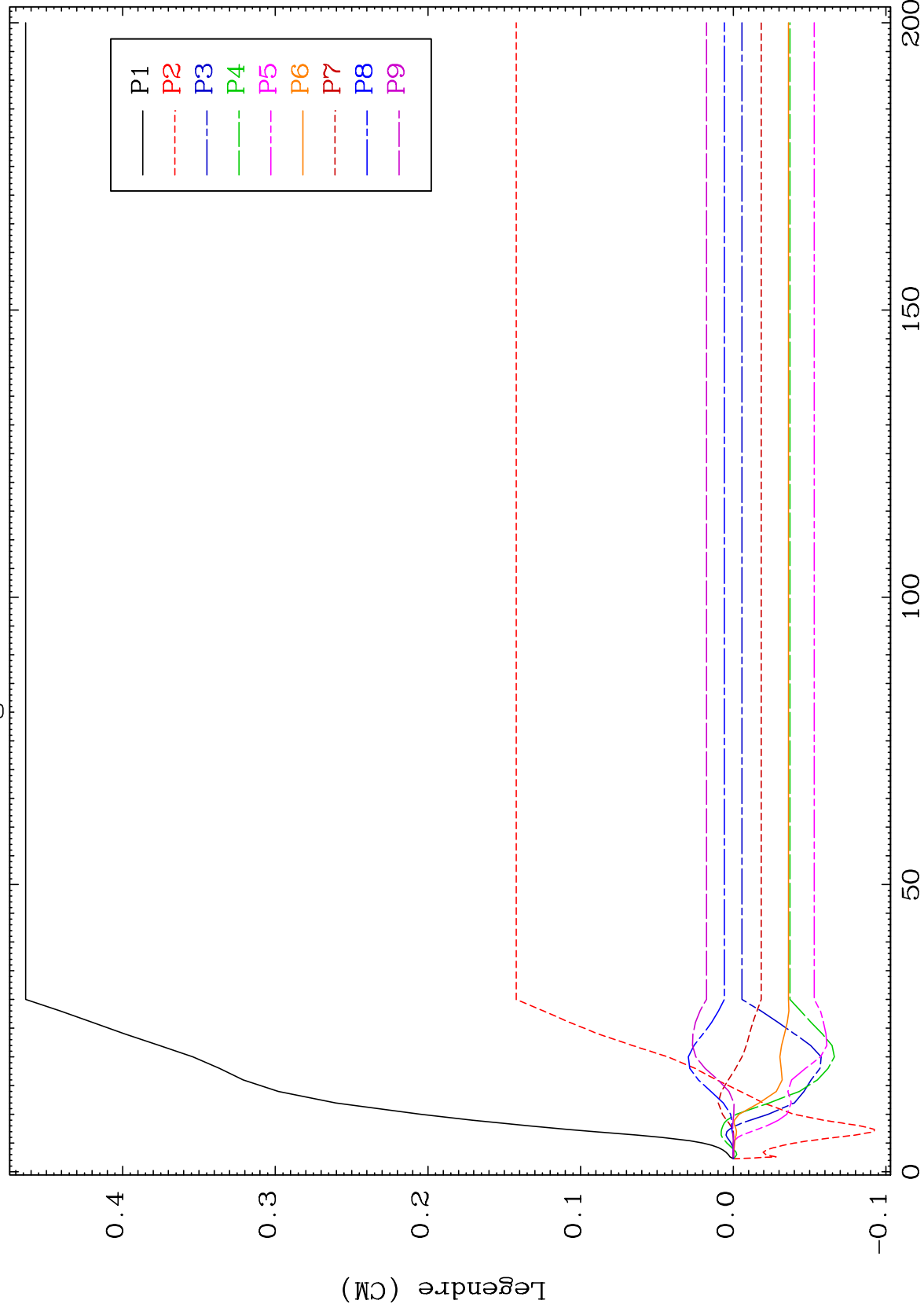
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



89

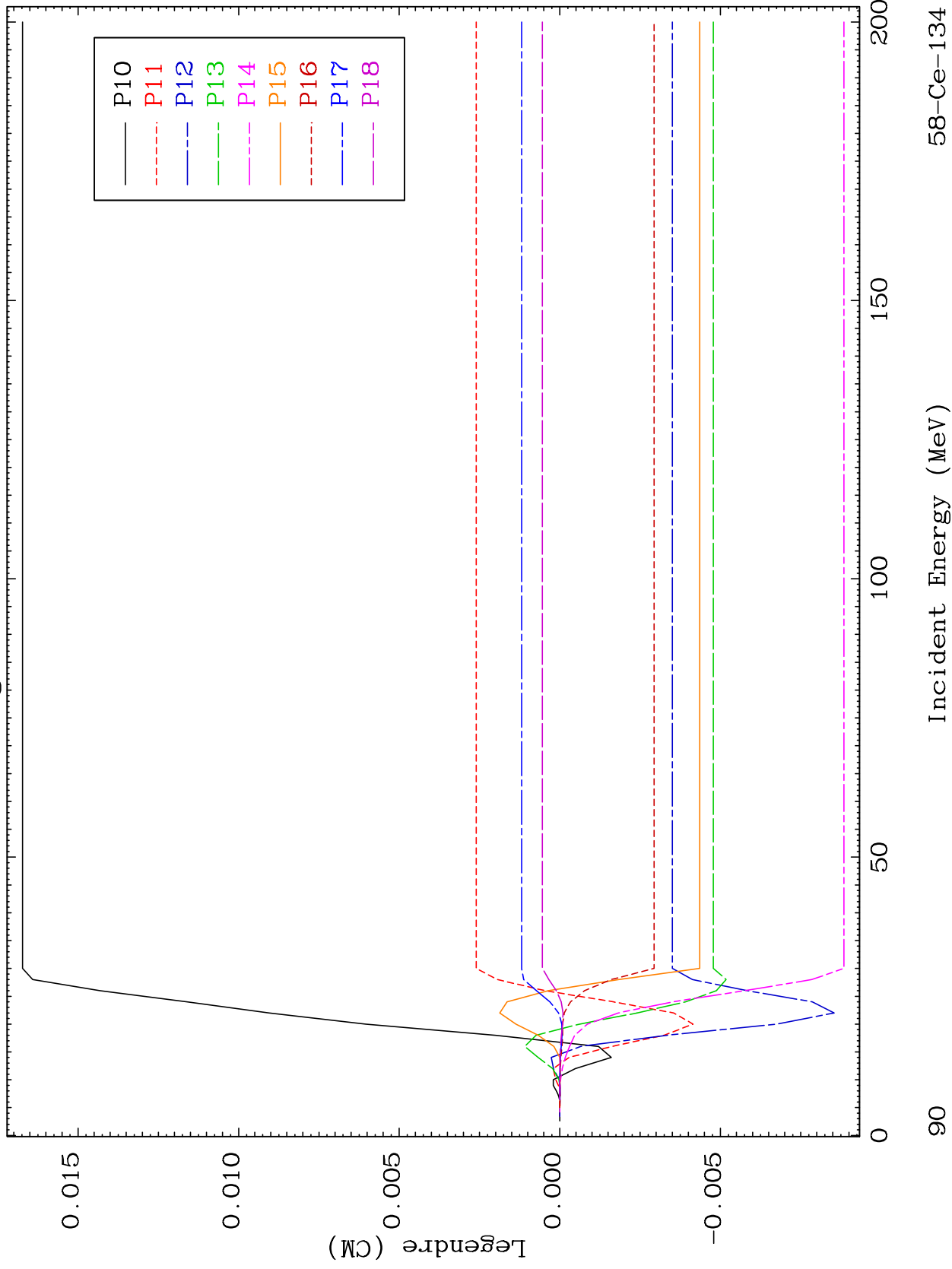
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



90

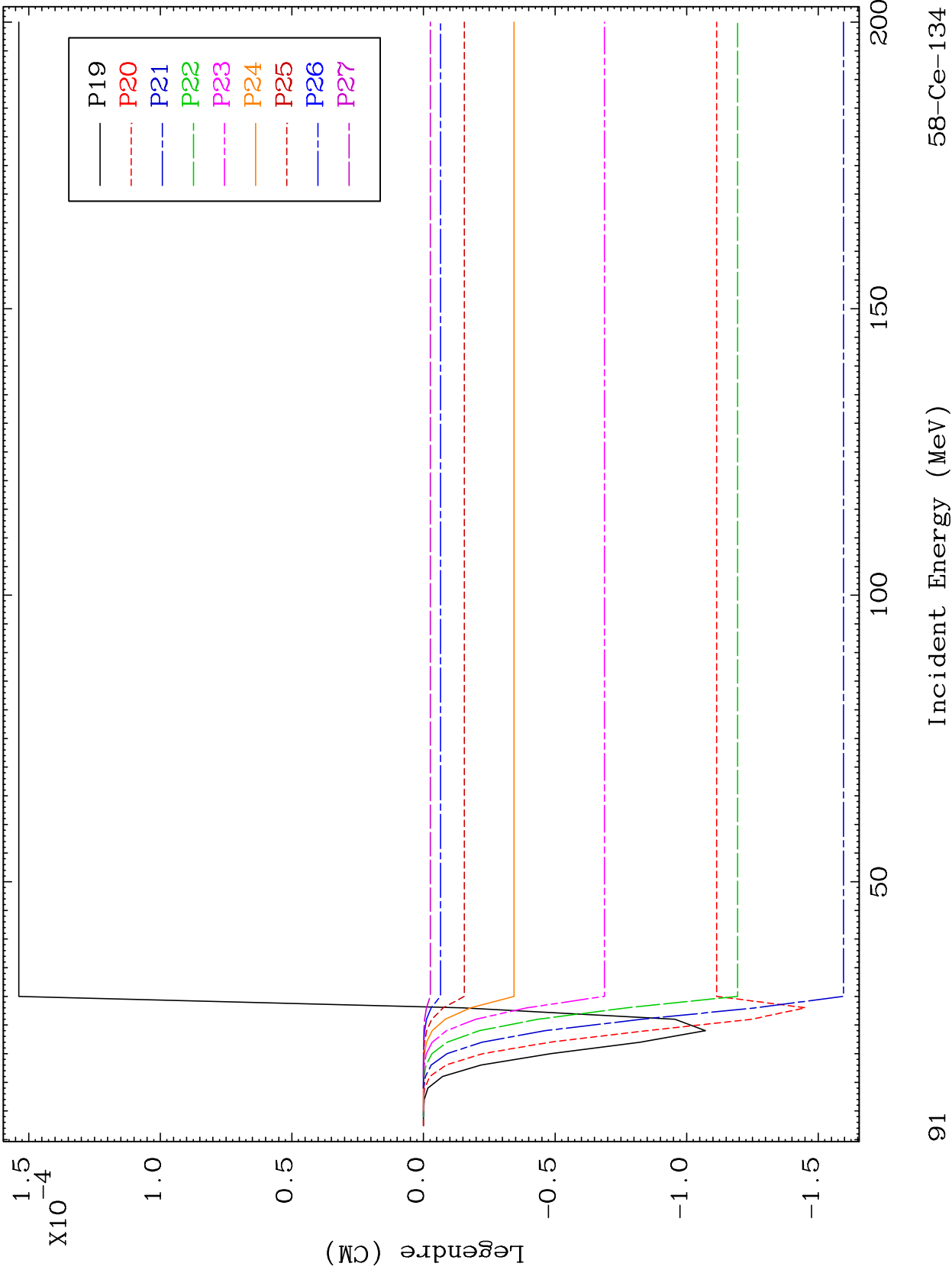
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



91

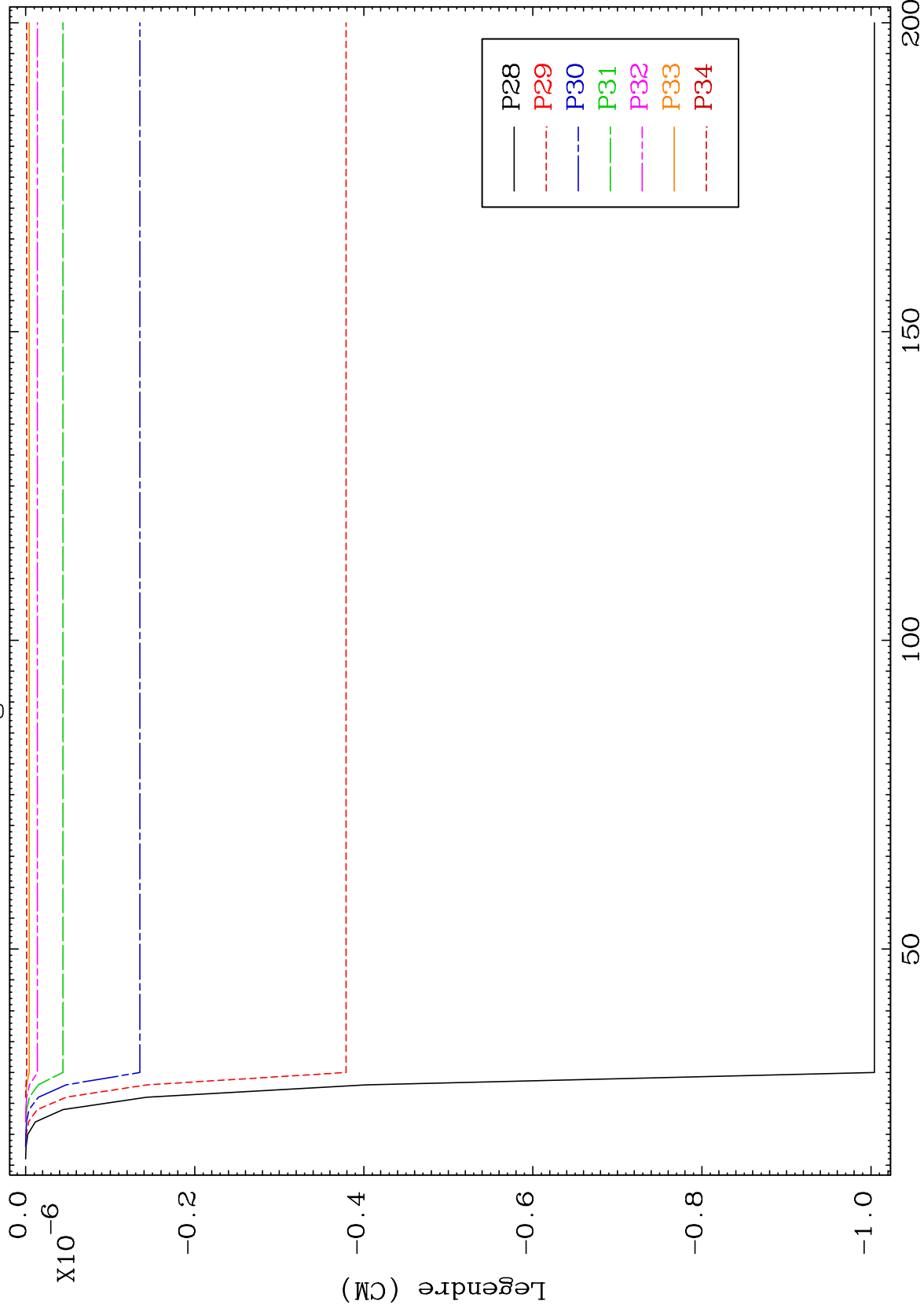
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

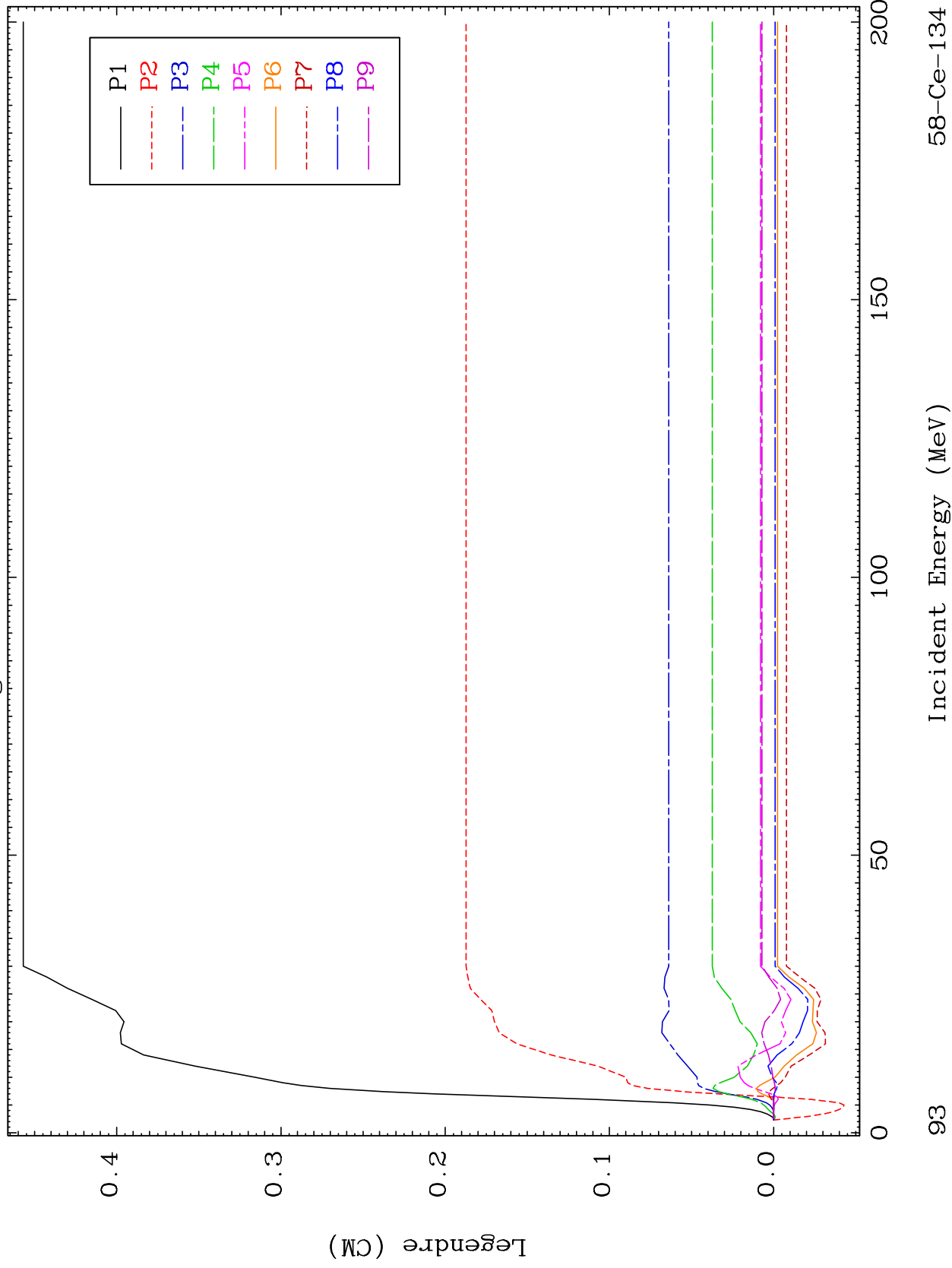
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

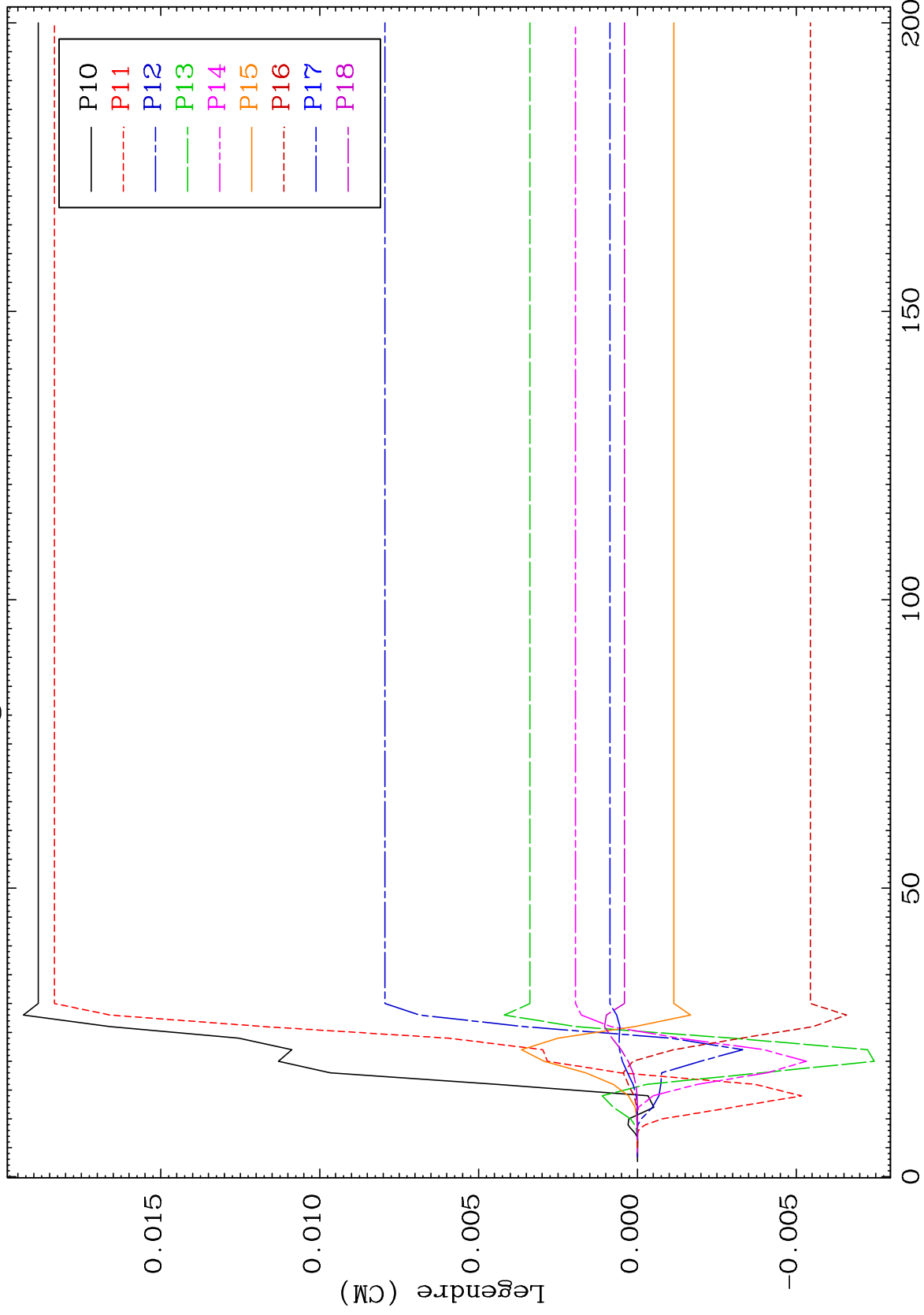
Incident Energy (MeV)

93

MAT 5819

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

58-Ce-134



94

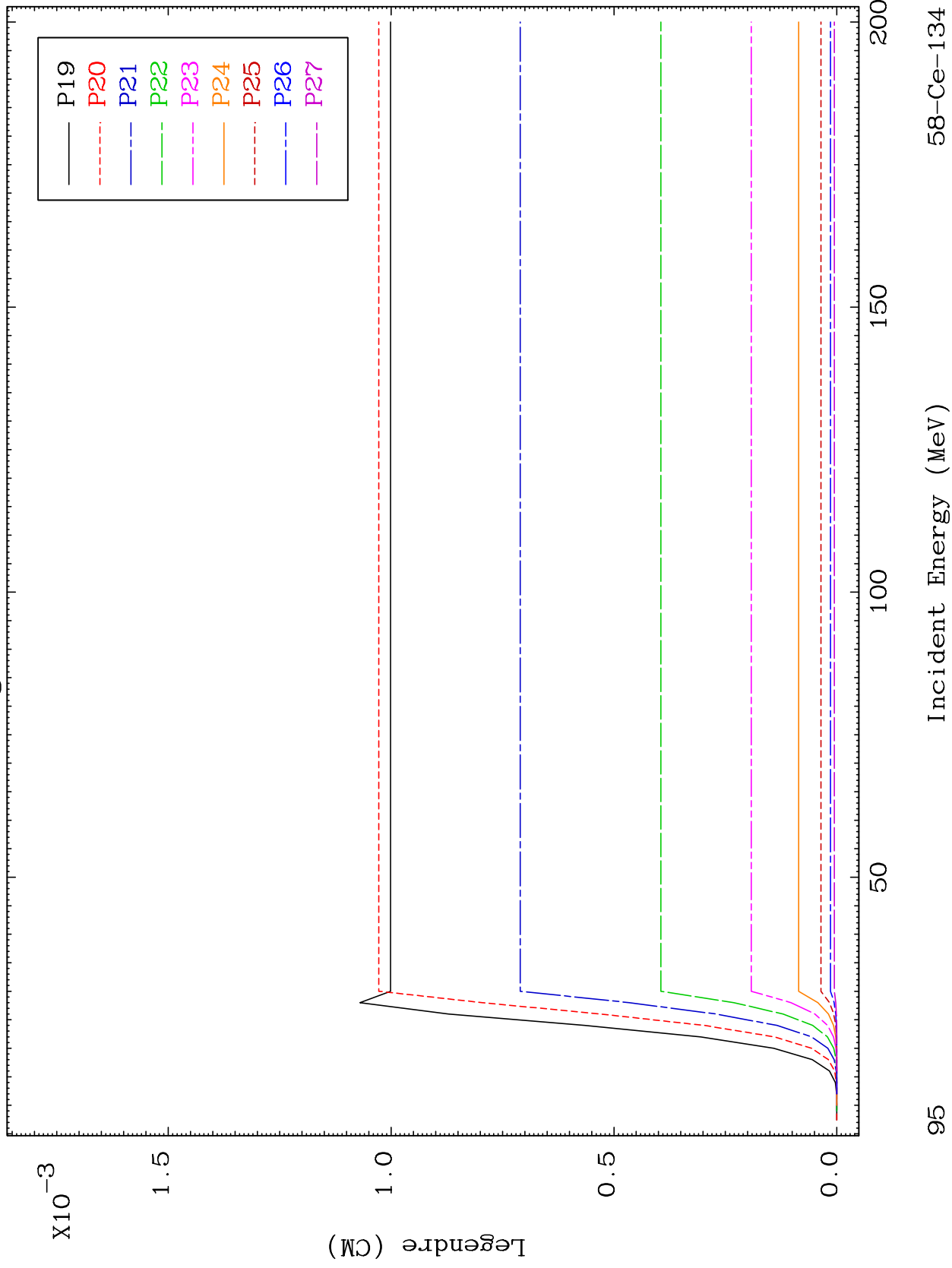
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



95

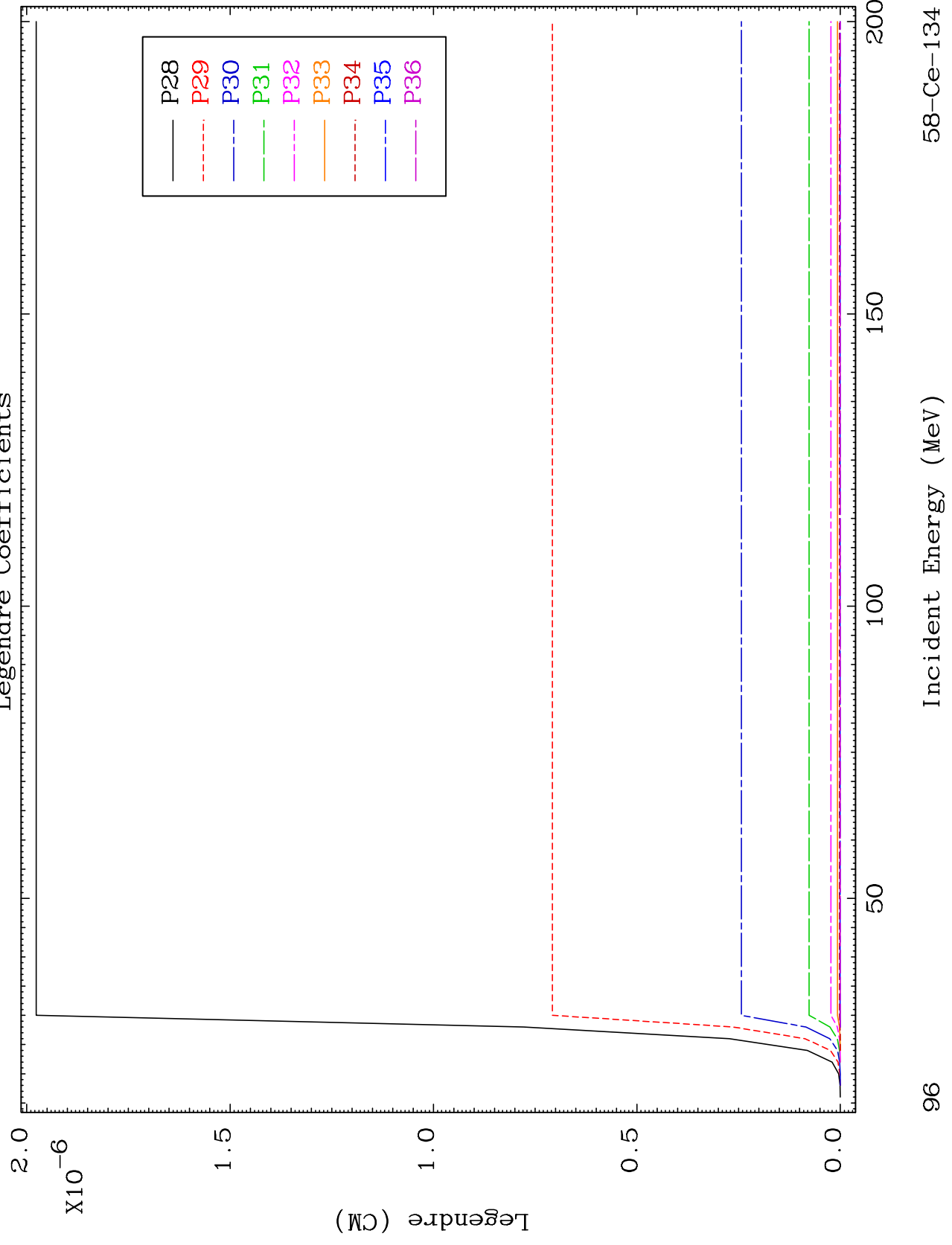
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

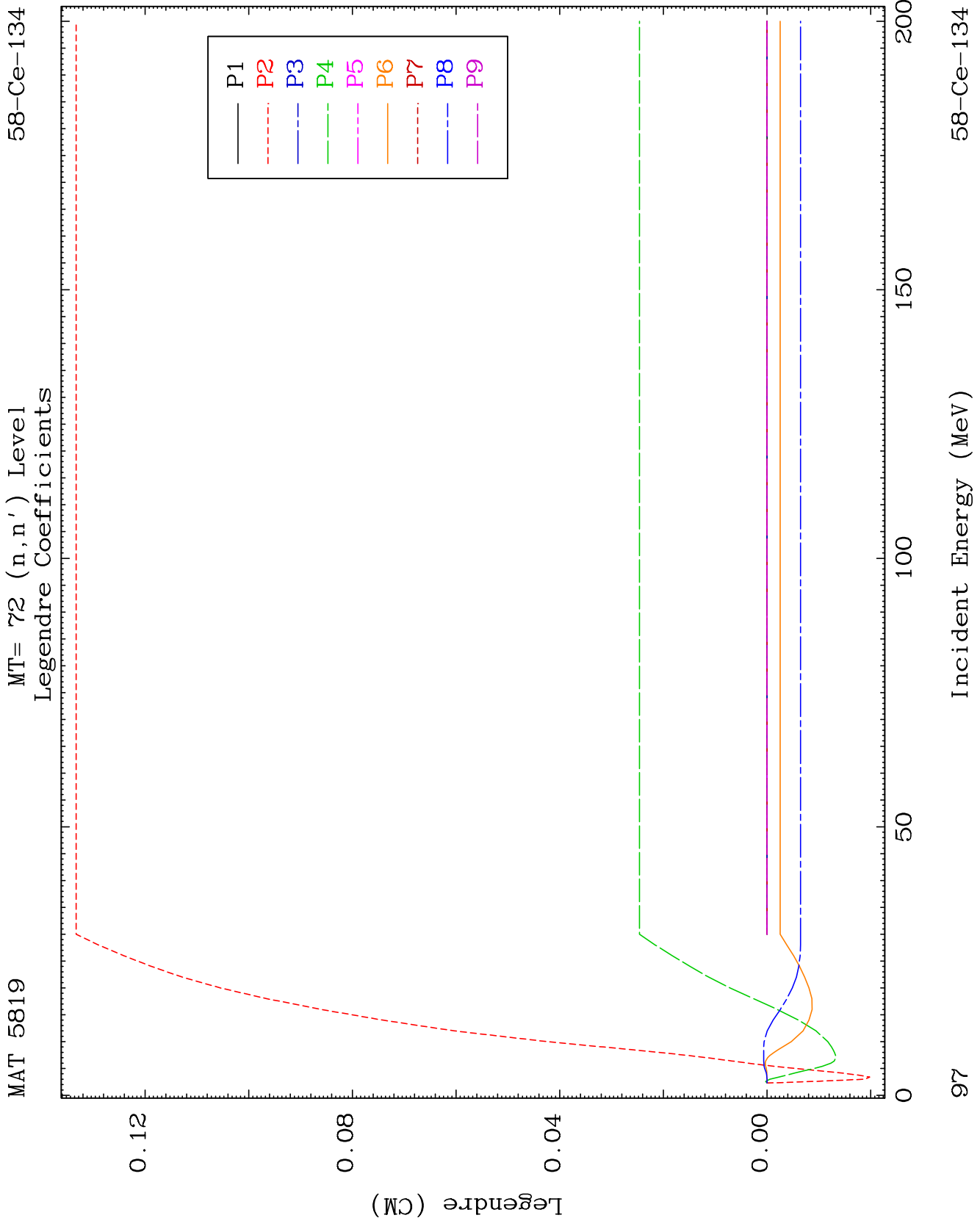
58-Ce-134



58-Ce-134

Incident Energy (MeV)

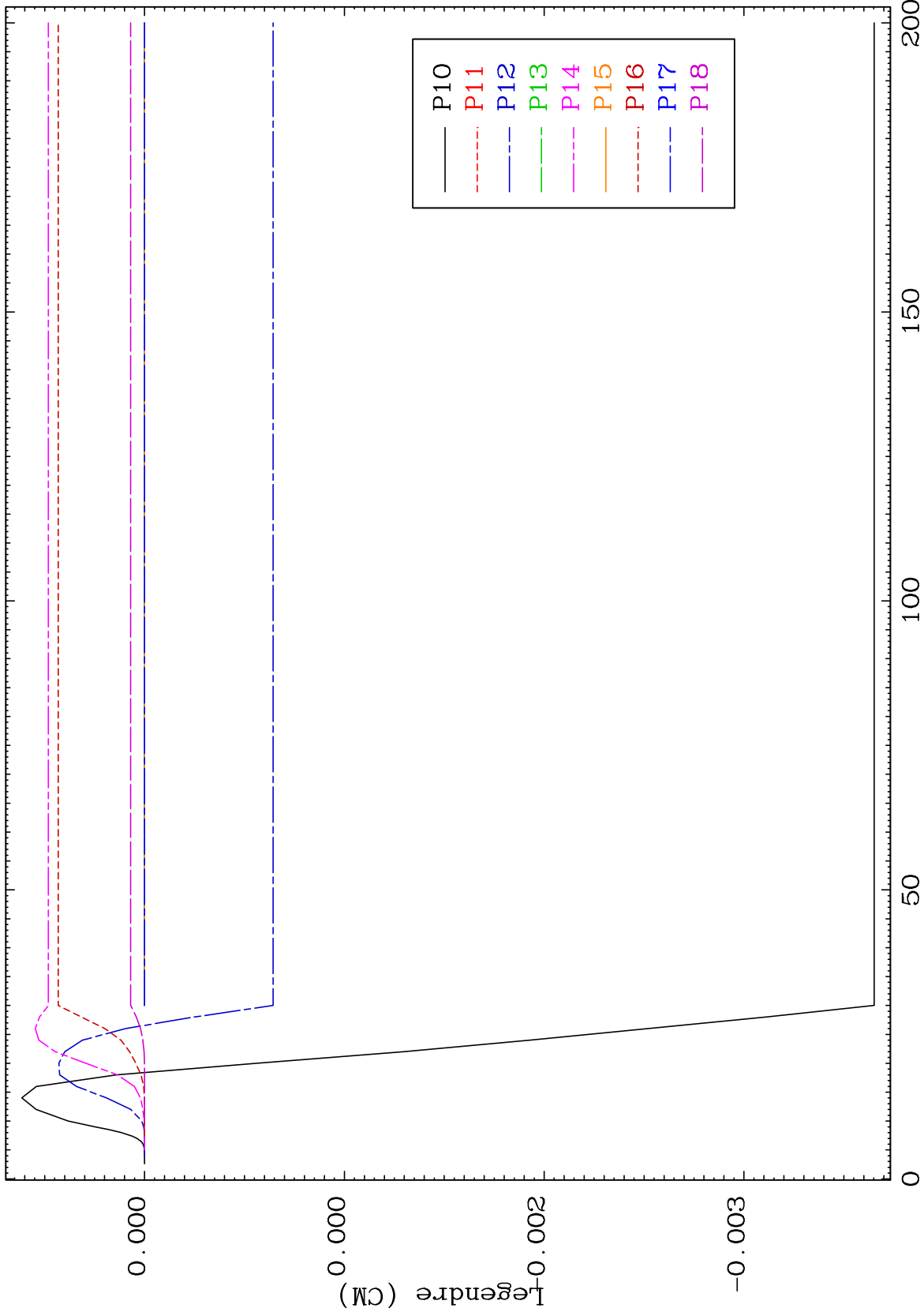
96



MAT 5819

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

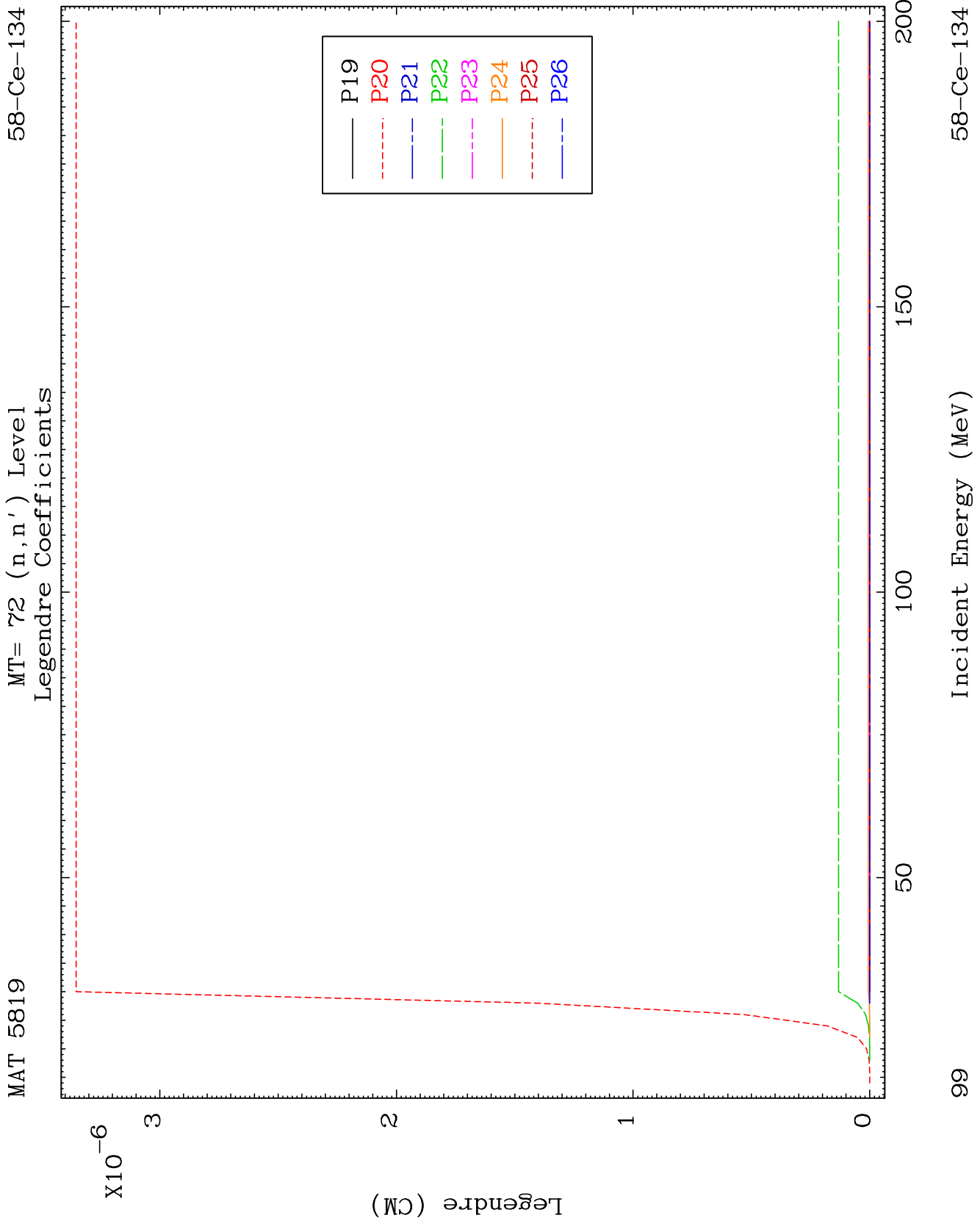
58-Ce-134



98

Incident Energy (MeV)

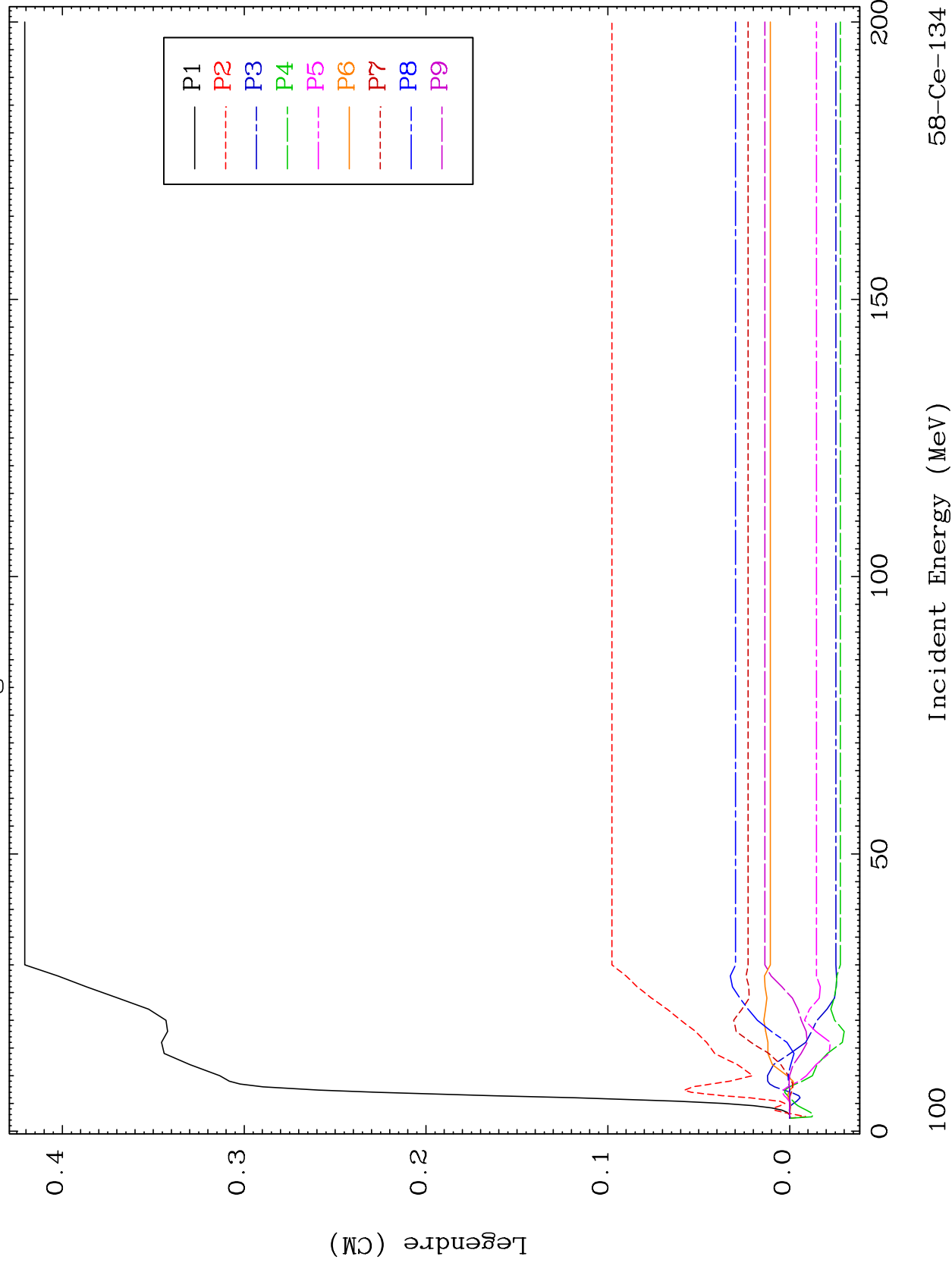
58-Ce-134



MAT 5819

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

58-Ce-134



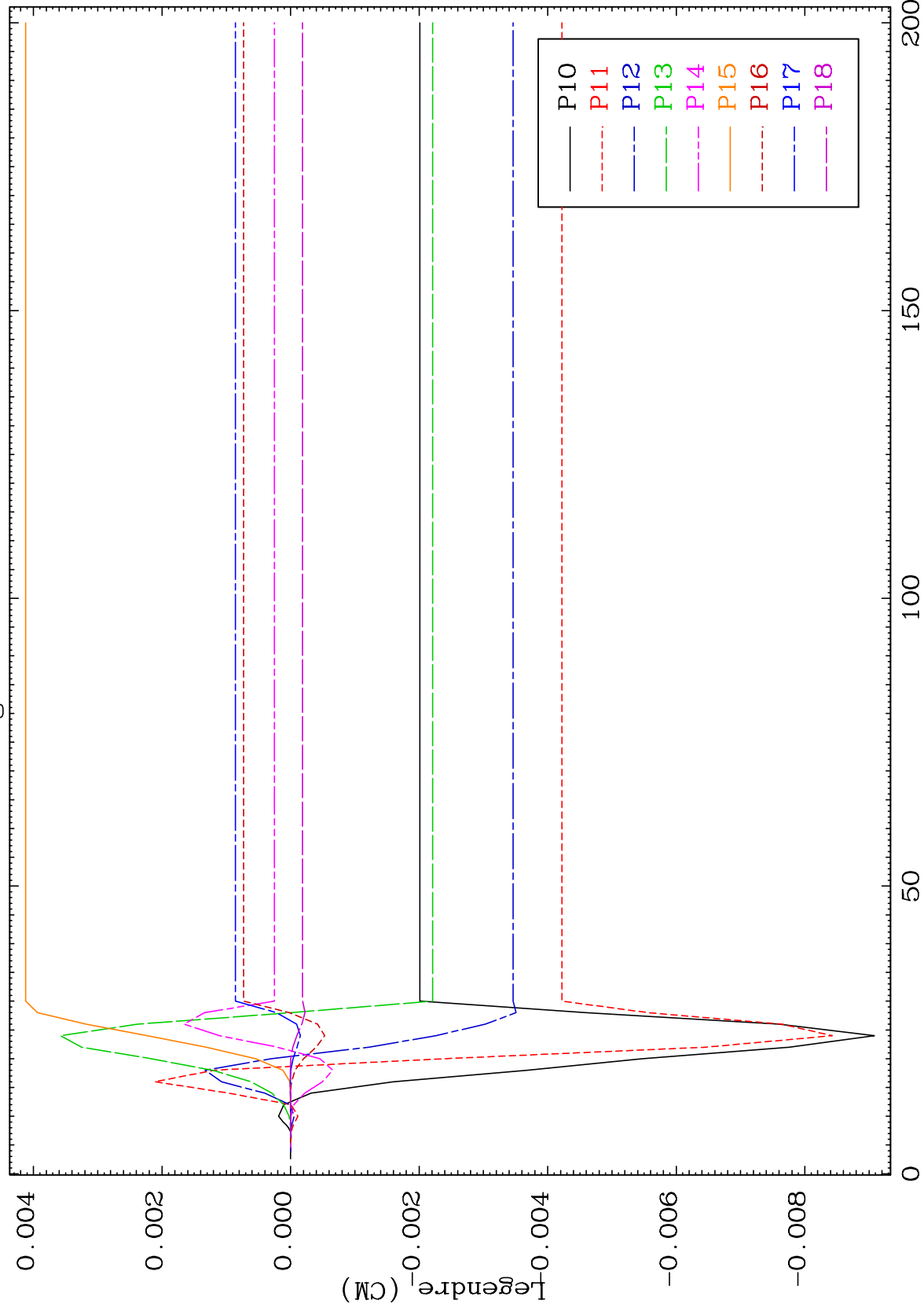
58-Ce-134

Incident Energy (MeV)

MAT 5819

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

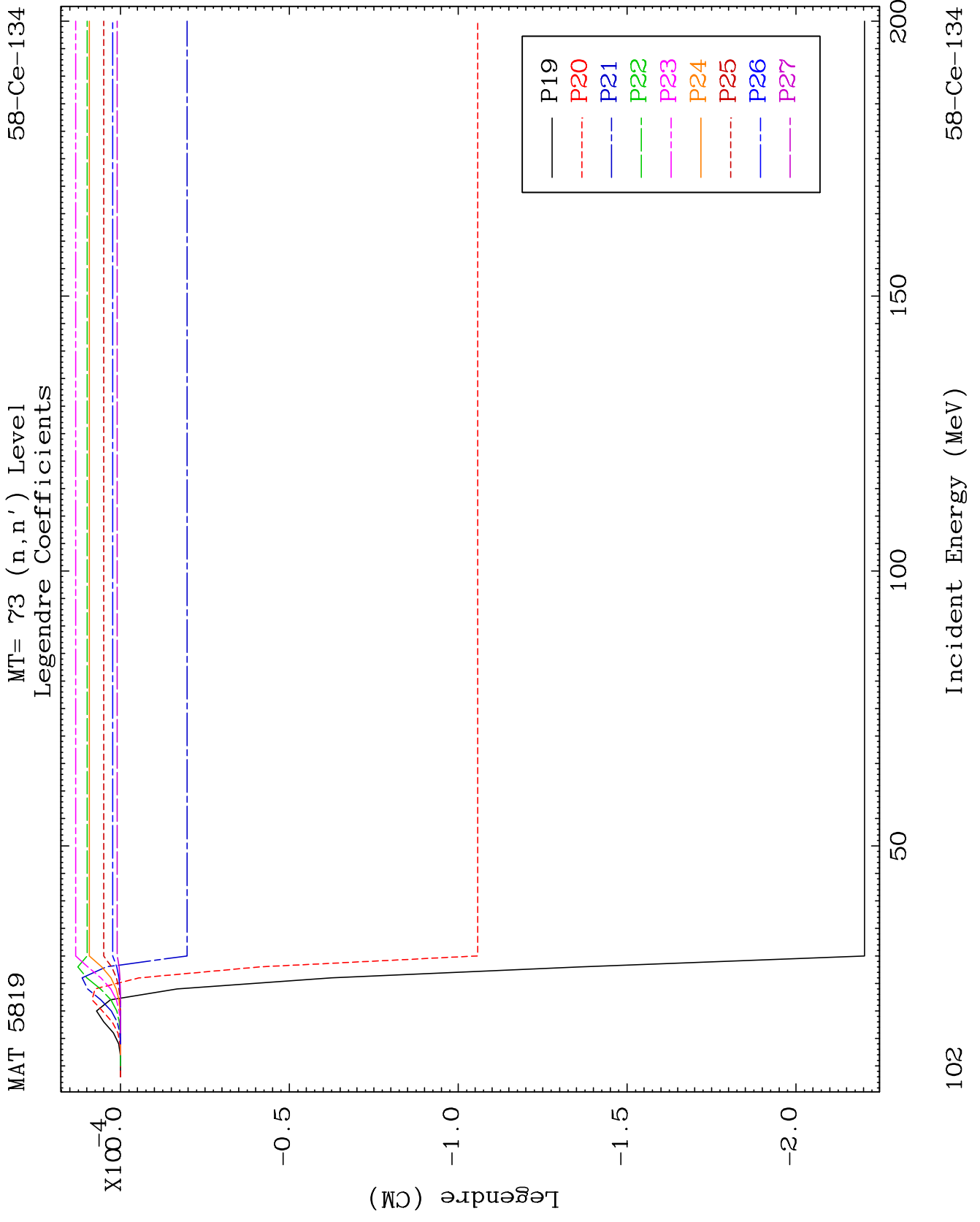
58-Ce-134



101

Incident Energy (MeV)

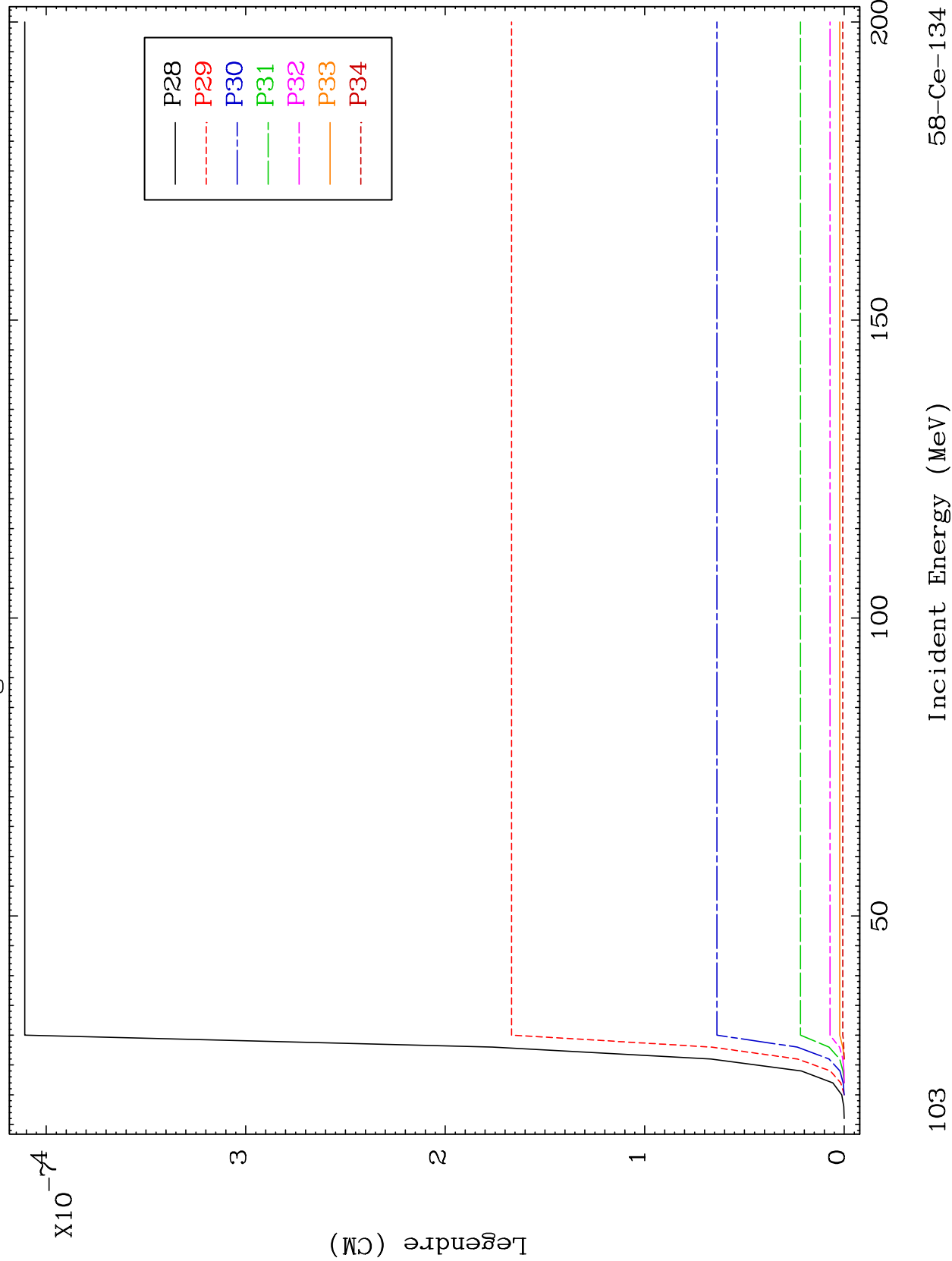
58-Ce-134



MAT 5819

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

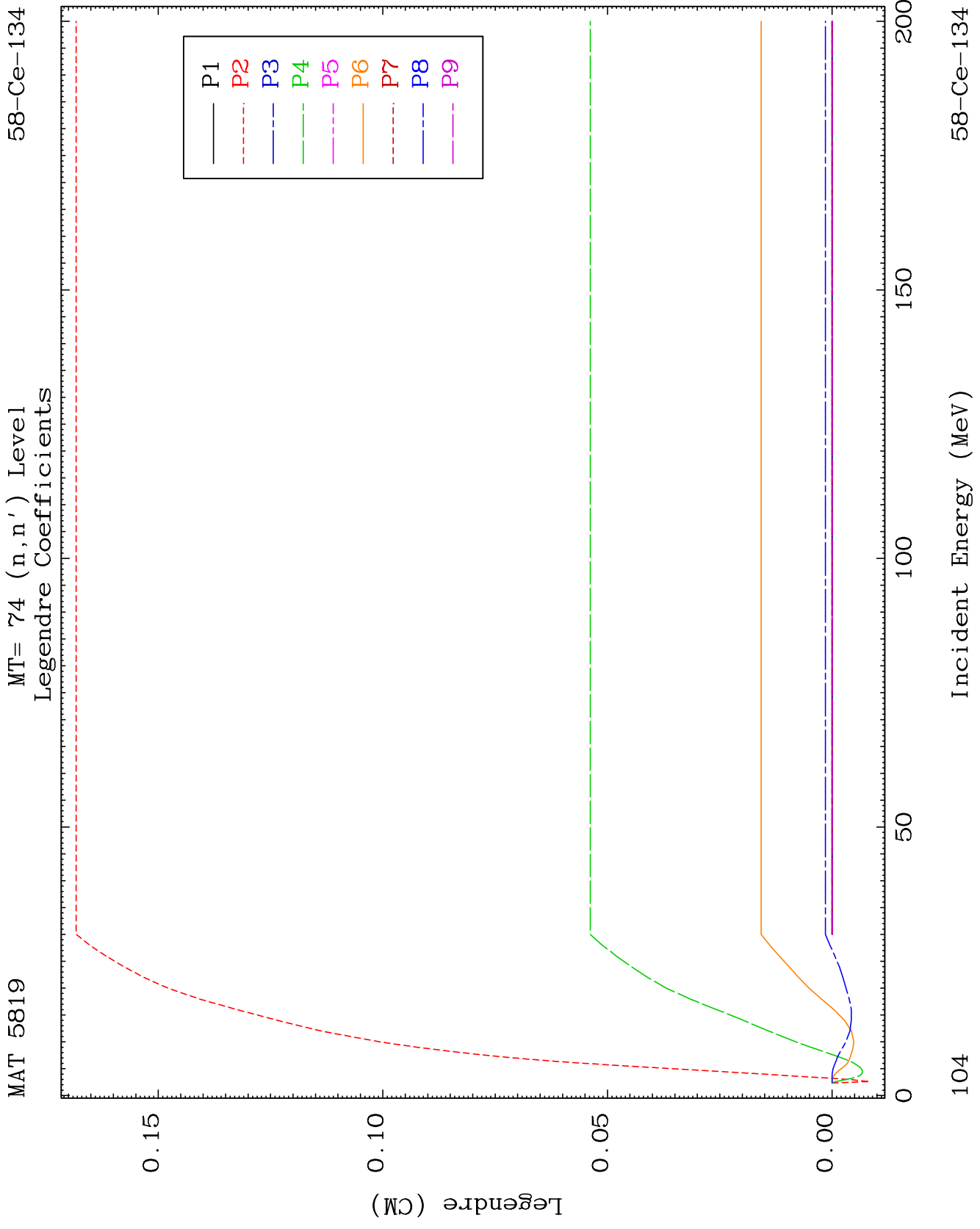
58-Ce-134



103

Incident Energy (MeV)

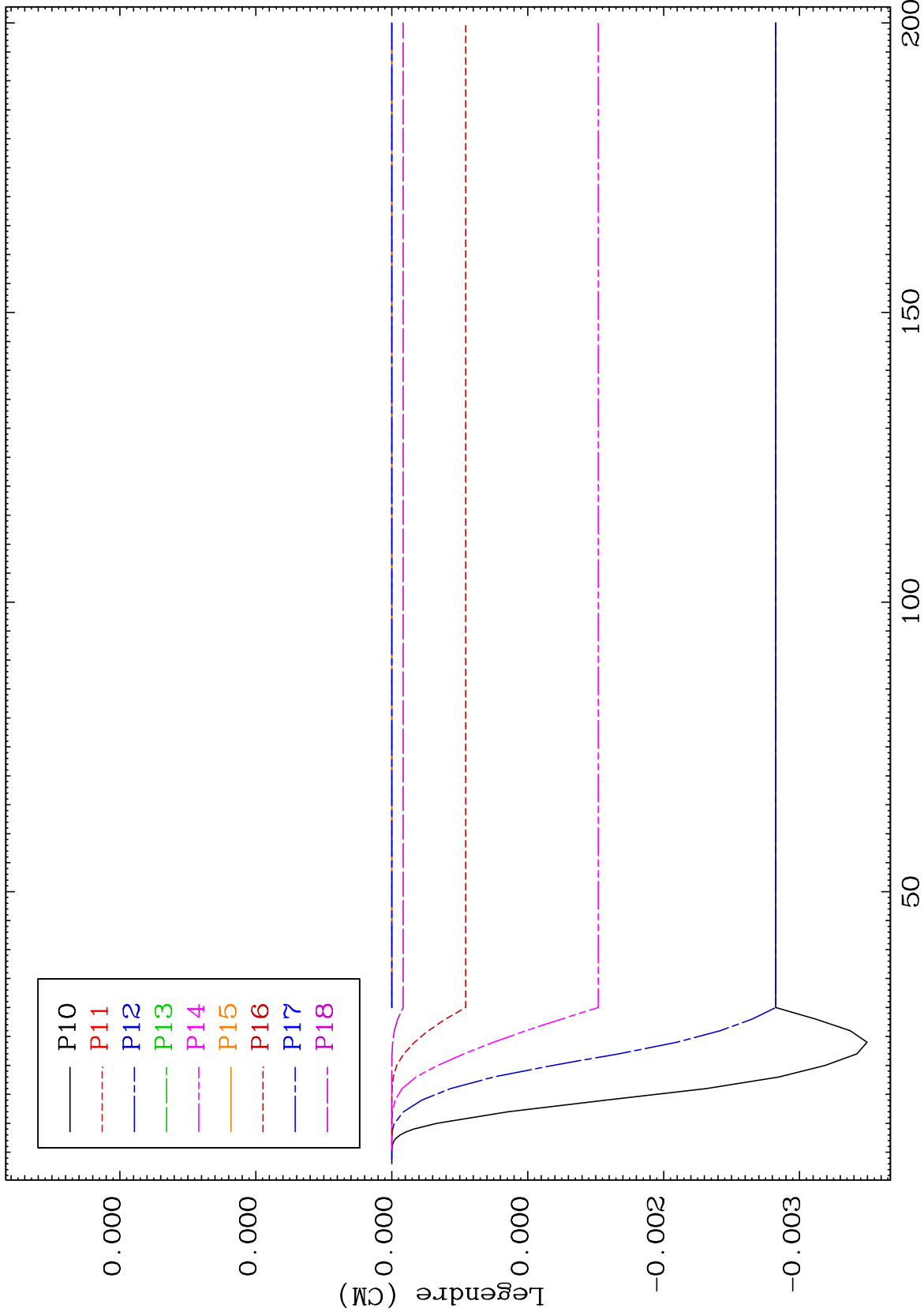
58-Ce-134



MAT 5819

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

58-Ce-134



105

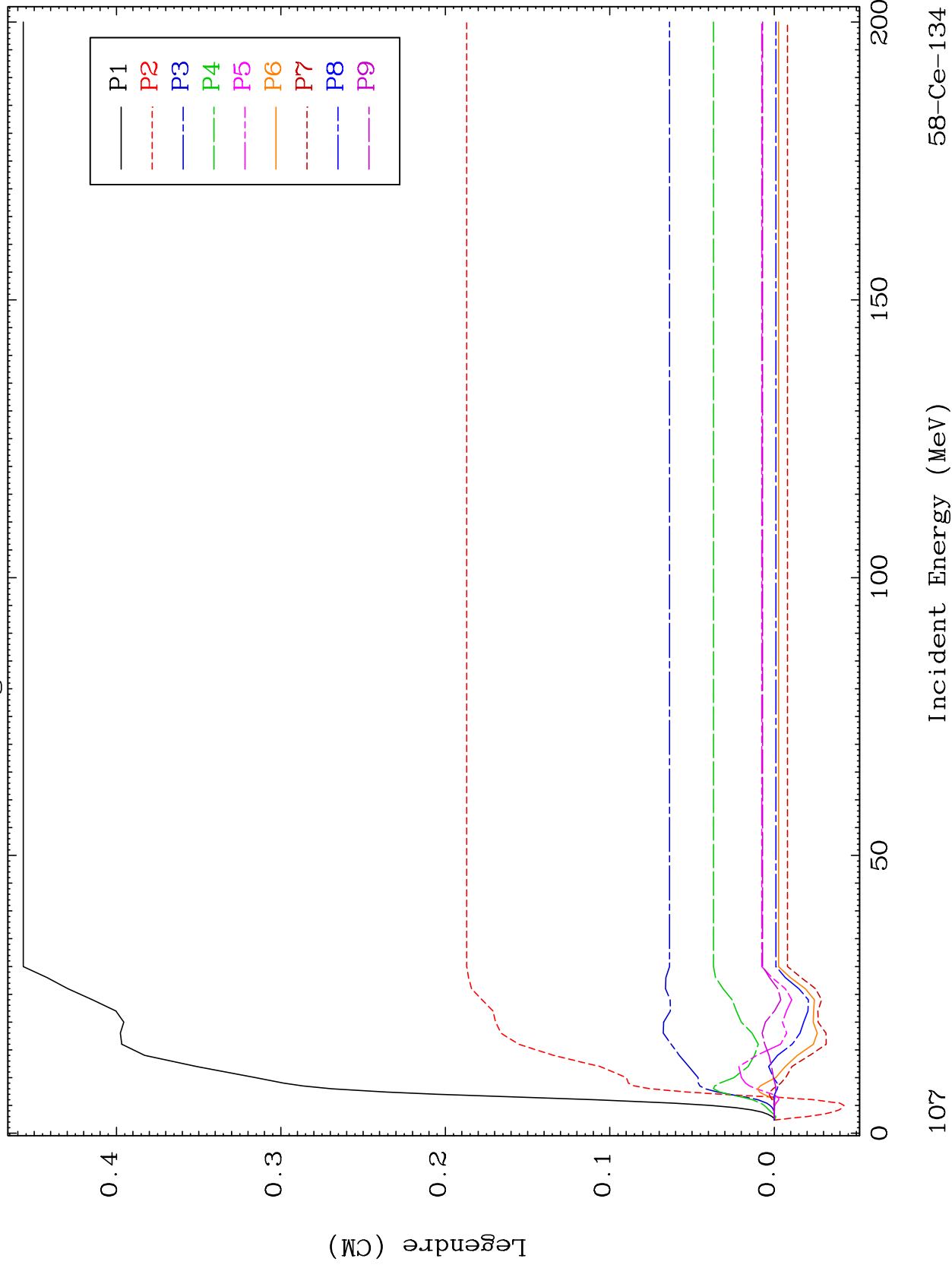
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



58-Ce-134

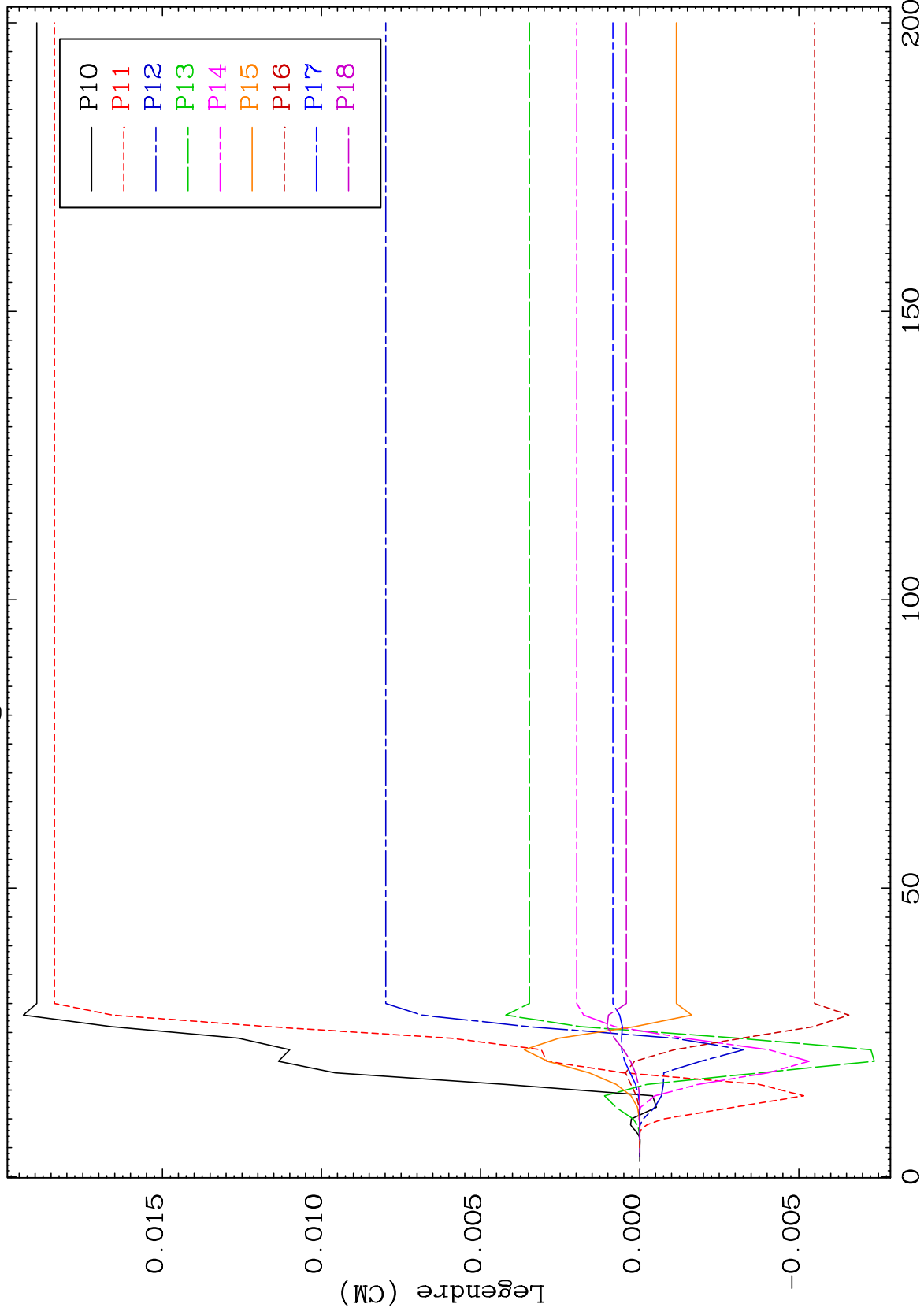
Incident Energy (MeV)

107

MAT 5819

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

58-Ce-134



58-Ce-134

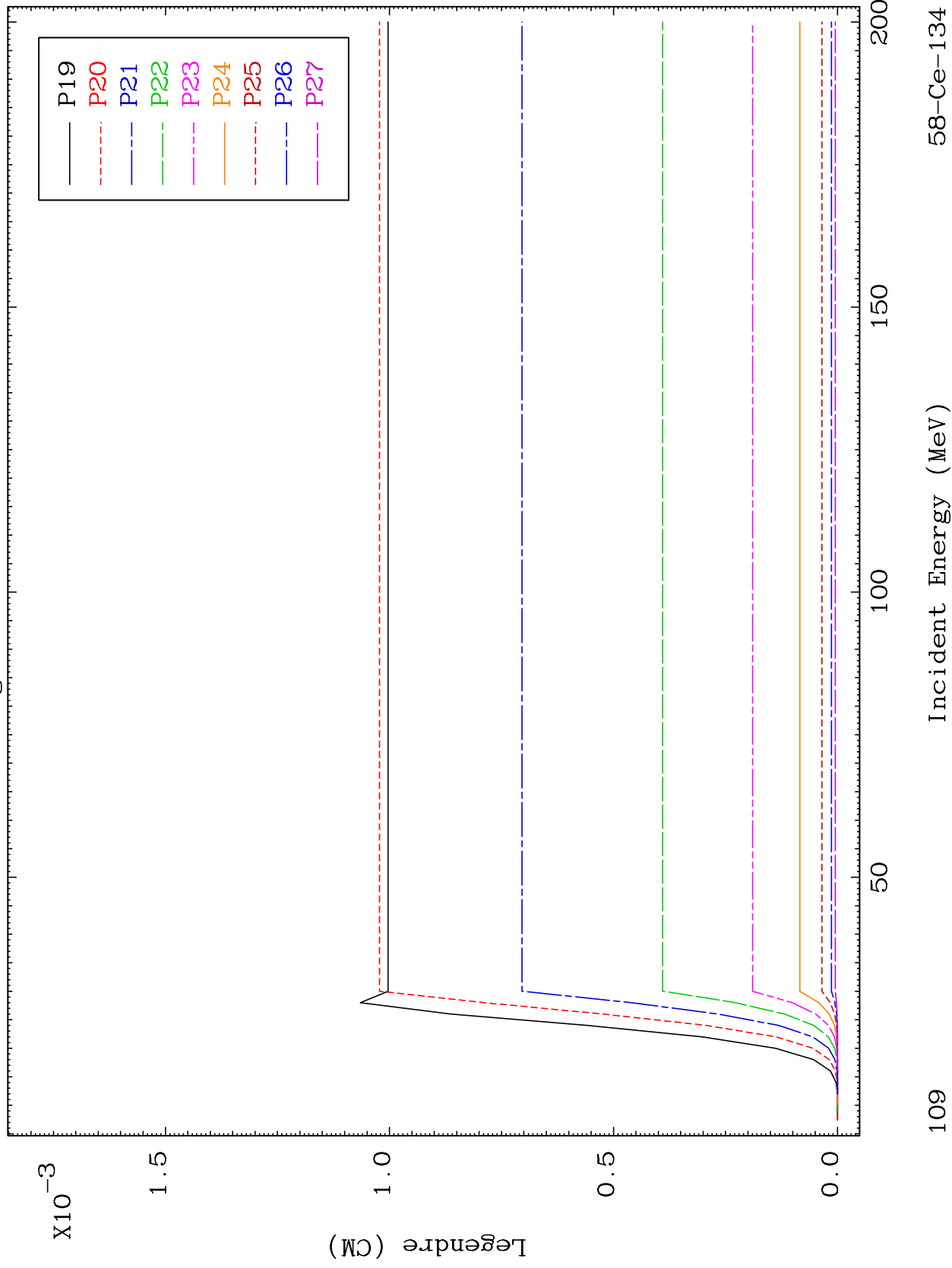
Incident Energy (MeV)

108

MAT 5819

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

58-Ce-134



109

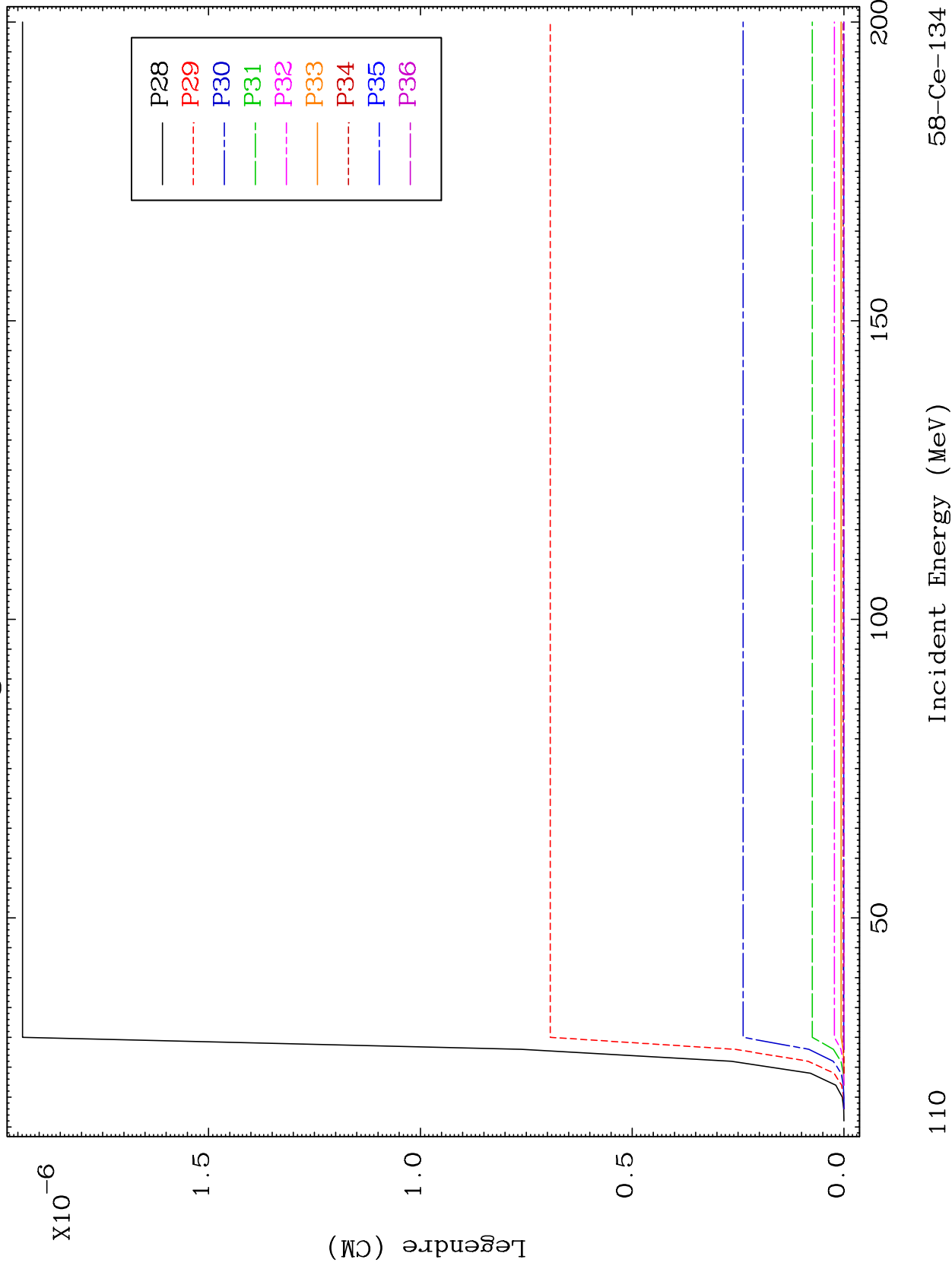
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

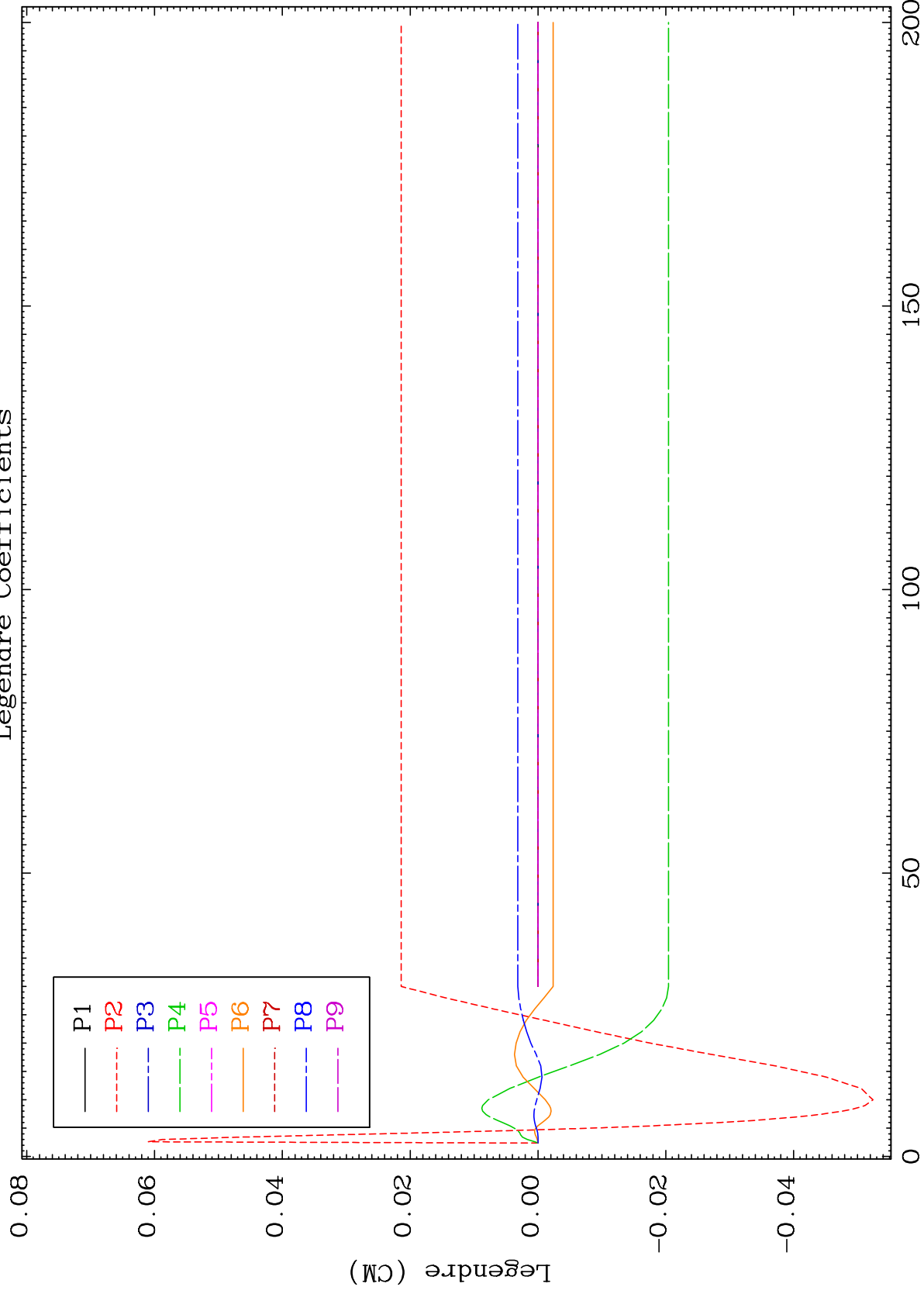
58-Ce-134



MAT 5819

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

58-Ce-134



111

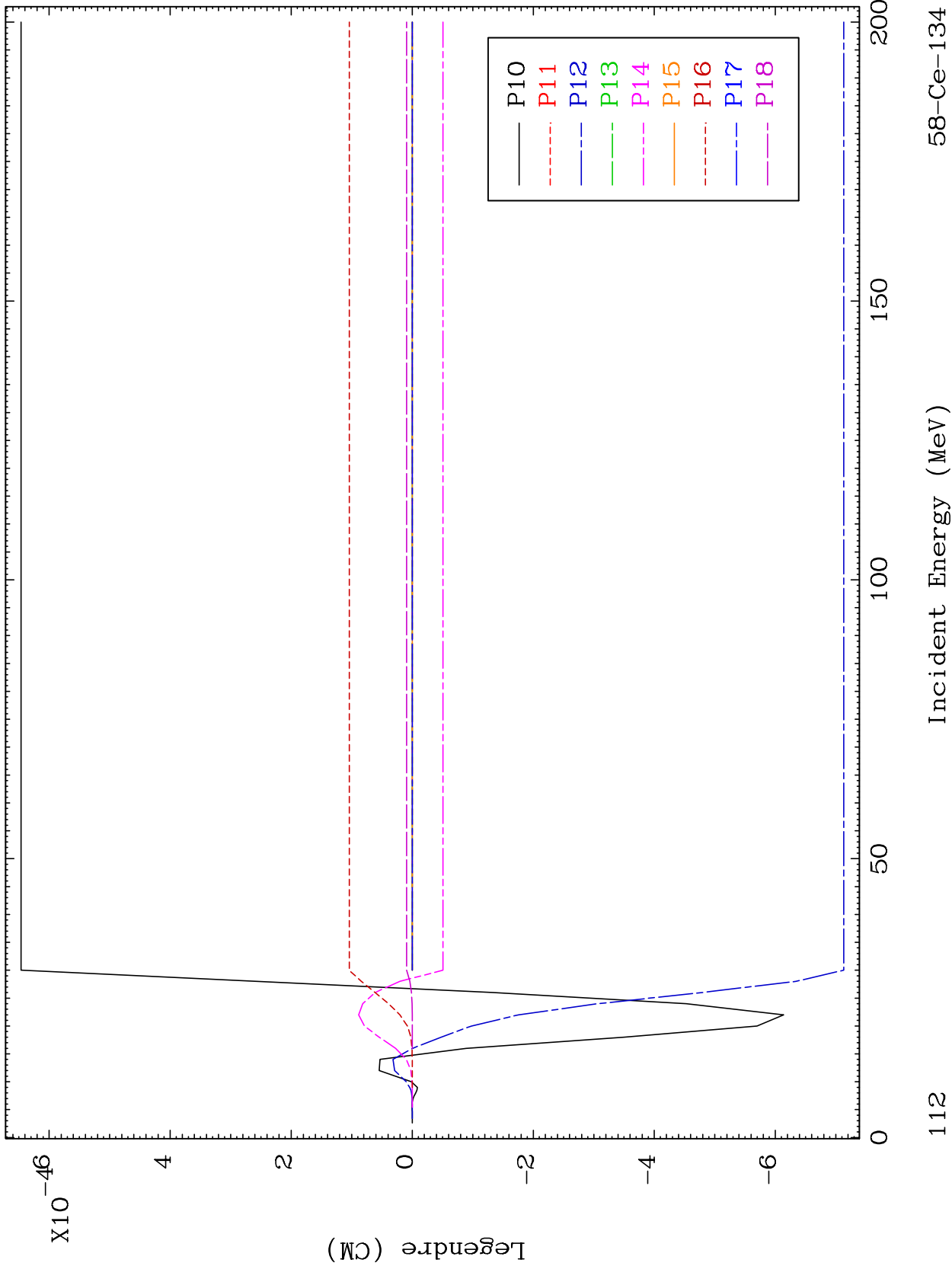
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

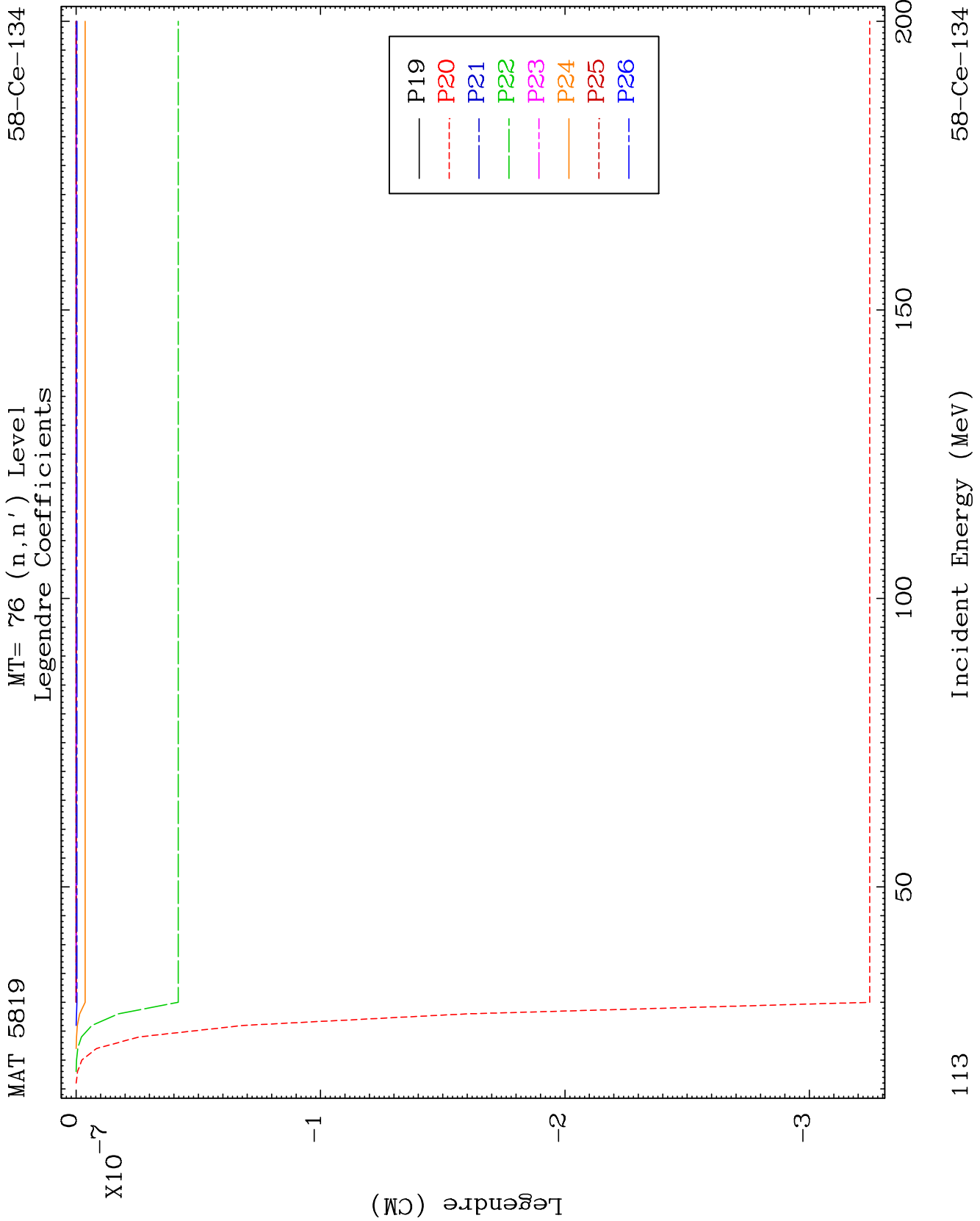
58-Ce-134



58-Ce-134

Incident Energy (MeV)

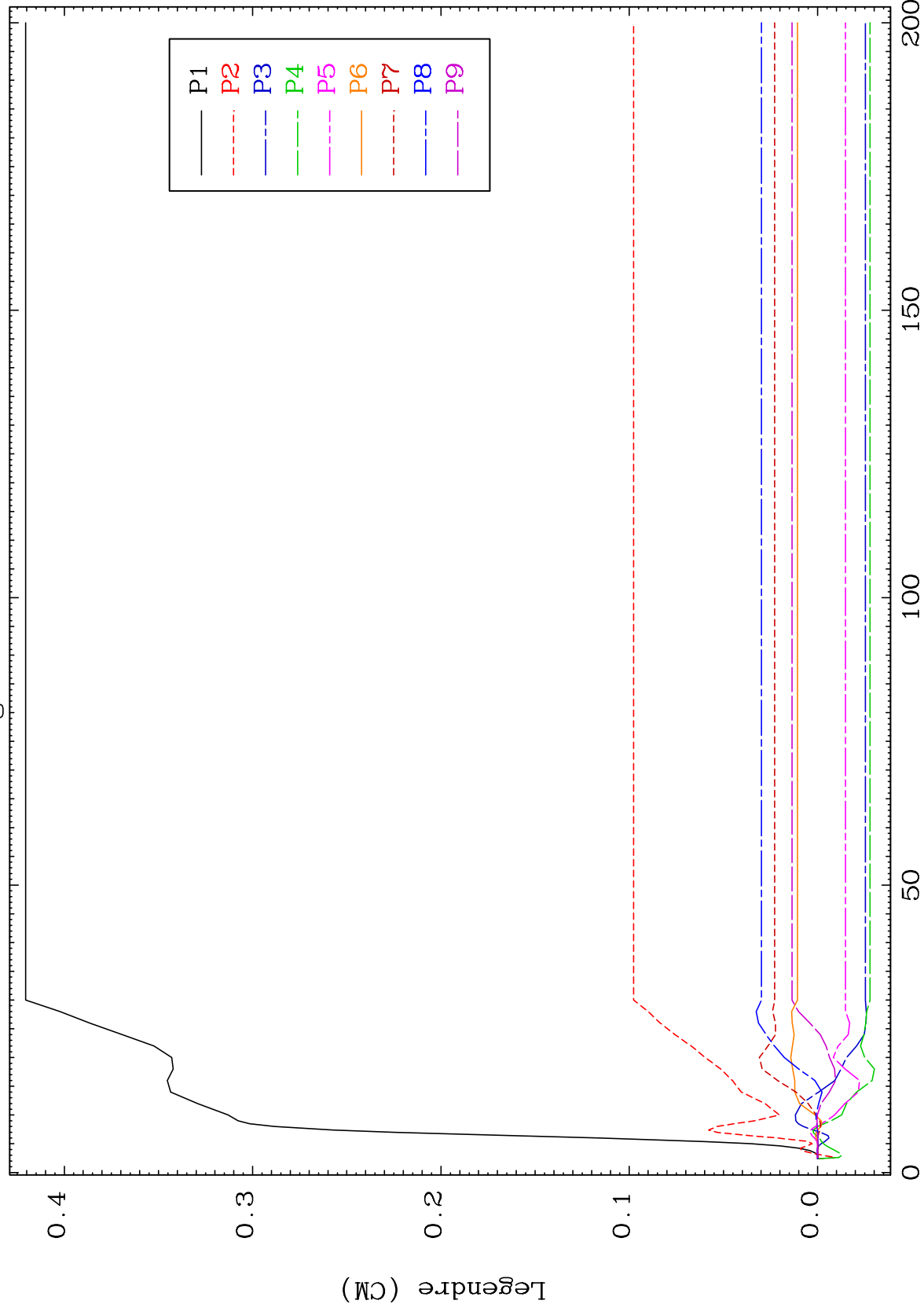
112



MAT 5819

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

58-Ce-134



114

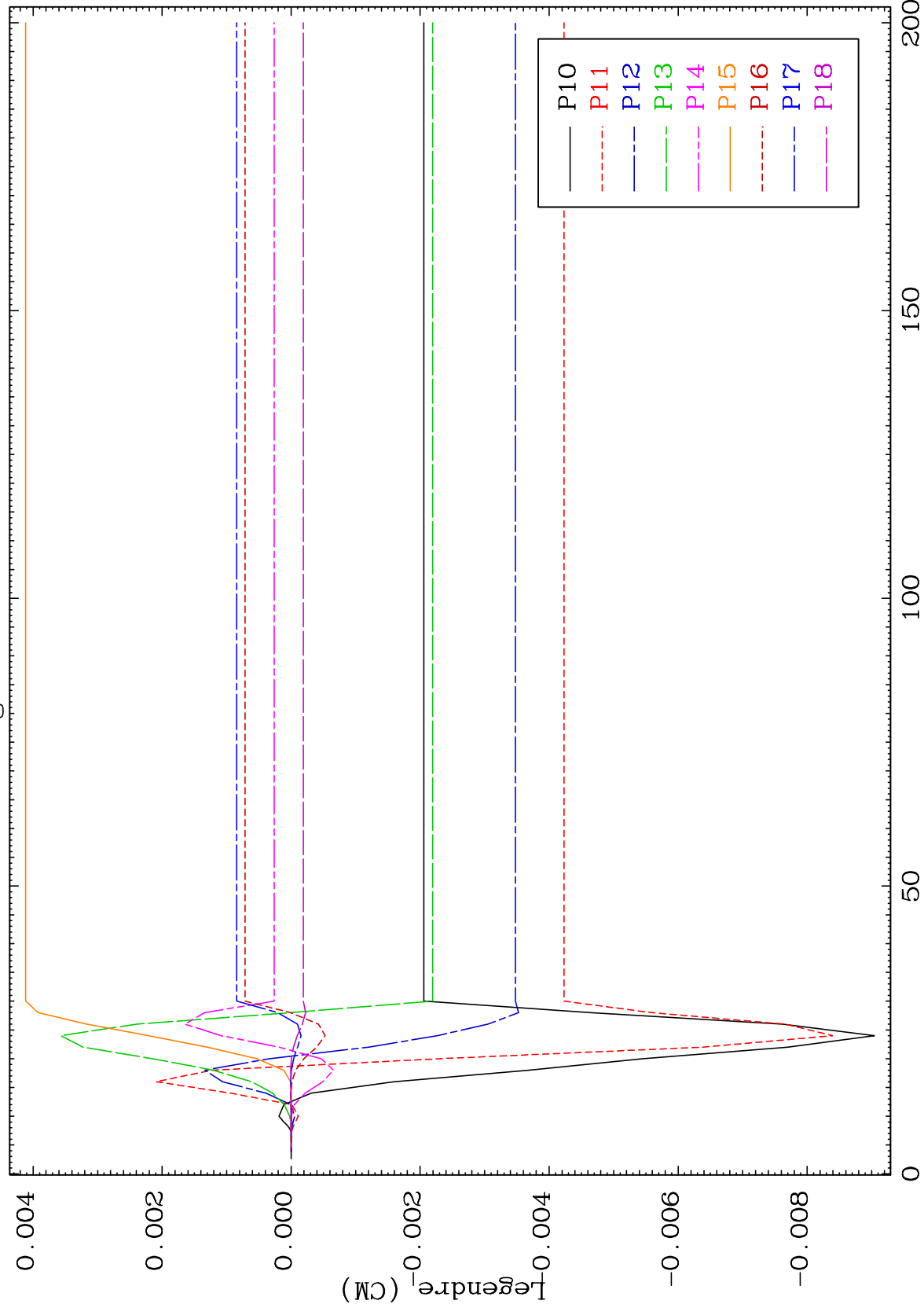
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



115

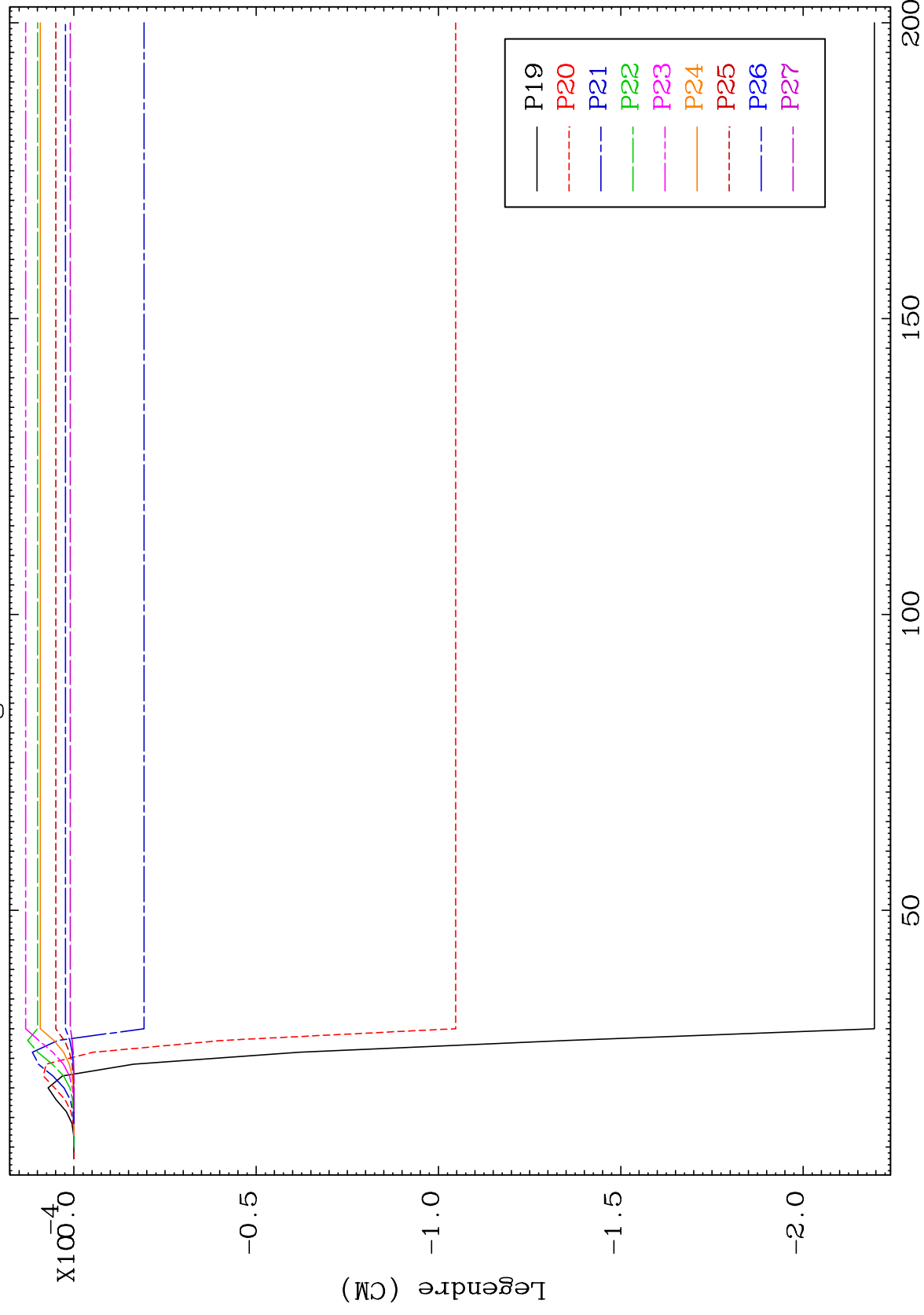
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



116

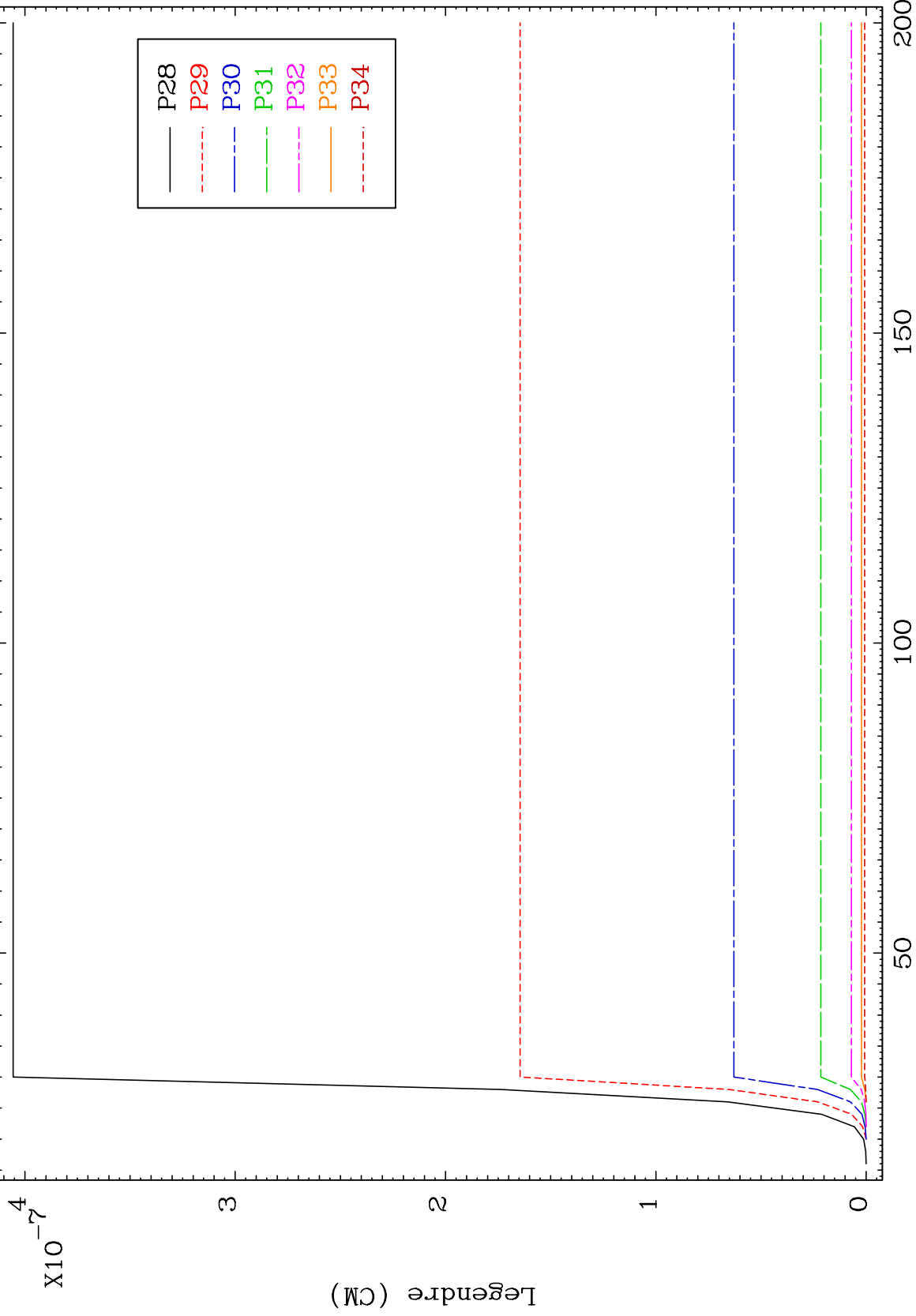
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



117

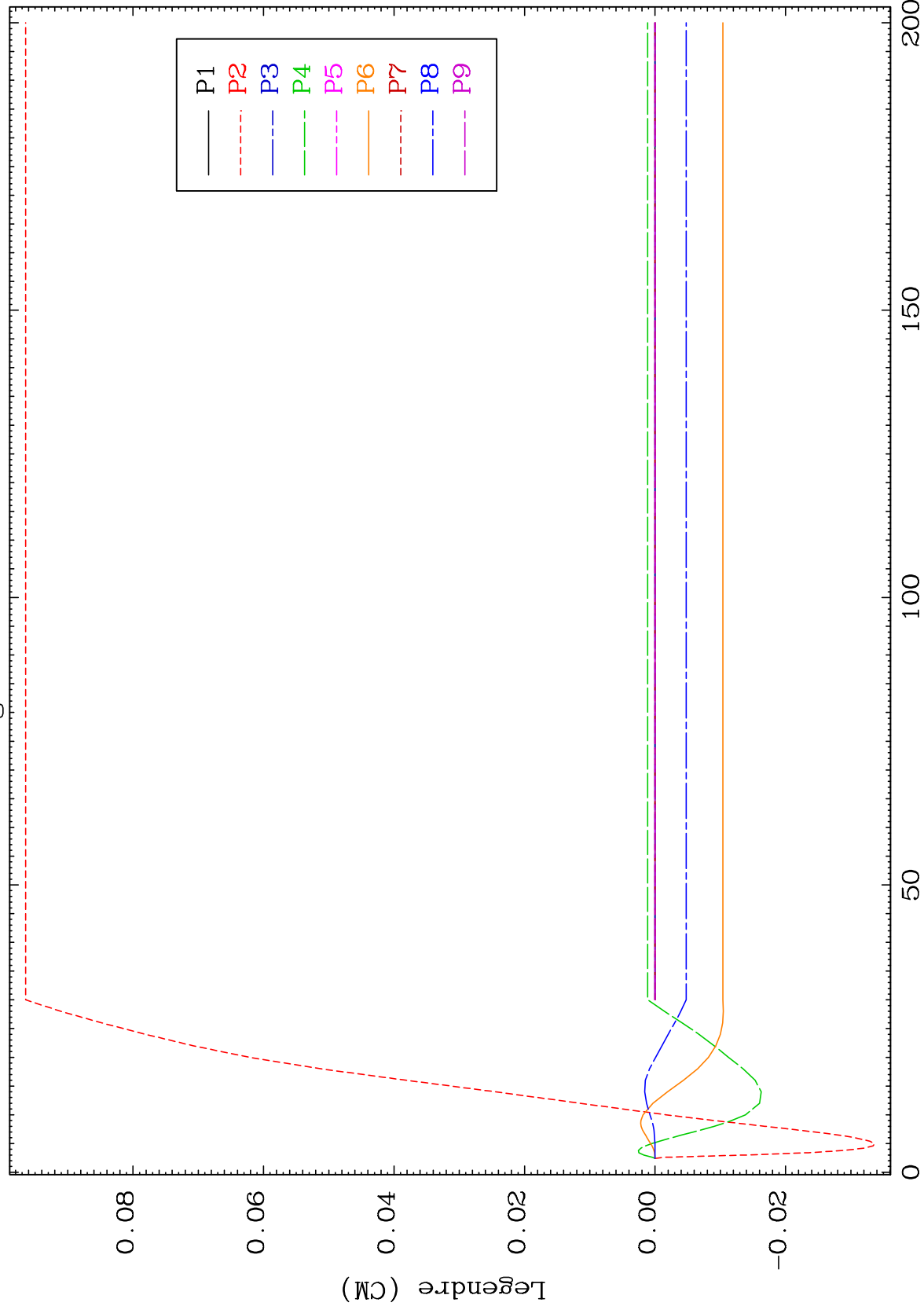
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



58-Ce-134

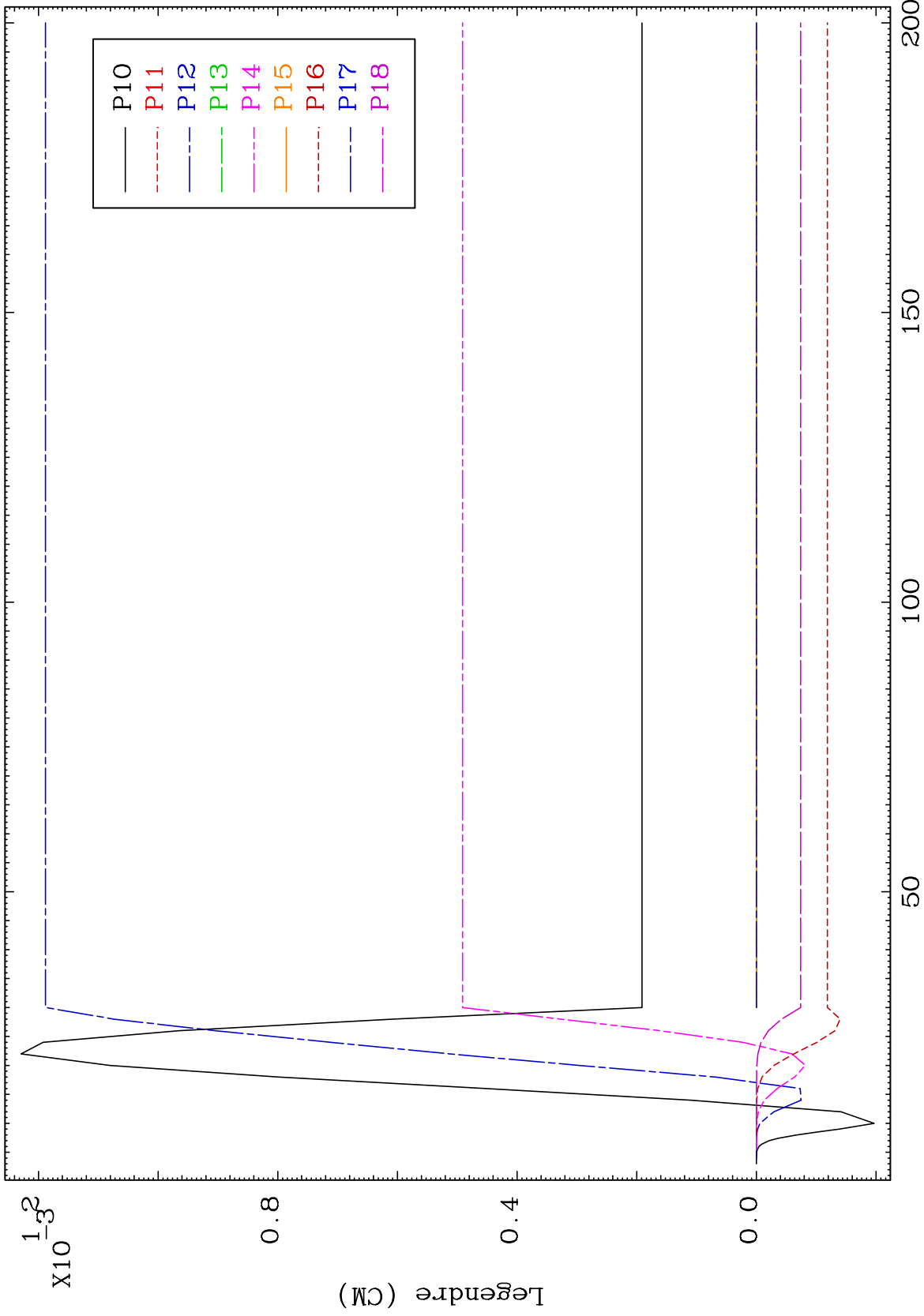
Incident Energy (MeV)

118

MAT 5819

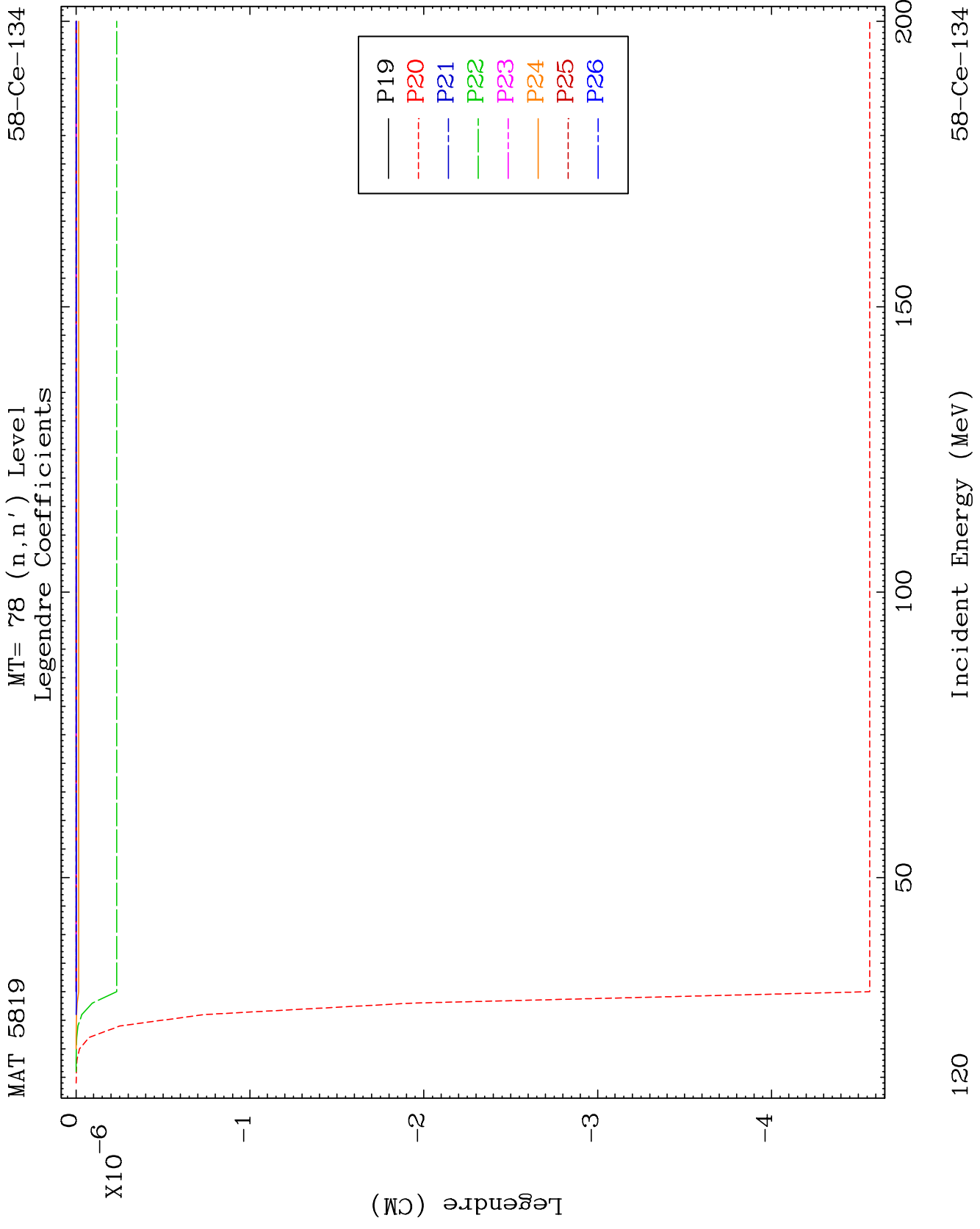
MT= 78 (n,n') Level
Legendre Coefficients

58-Ce-134



119

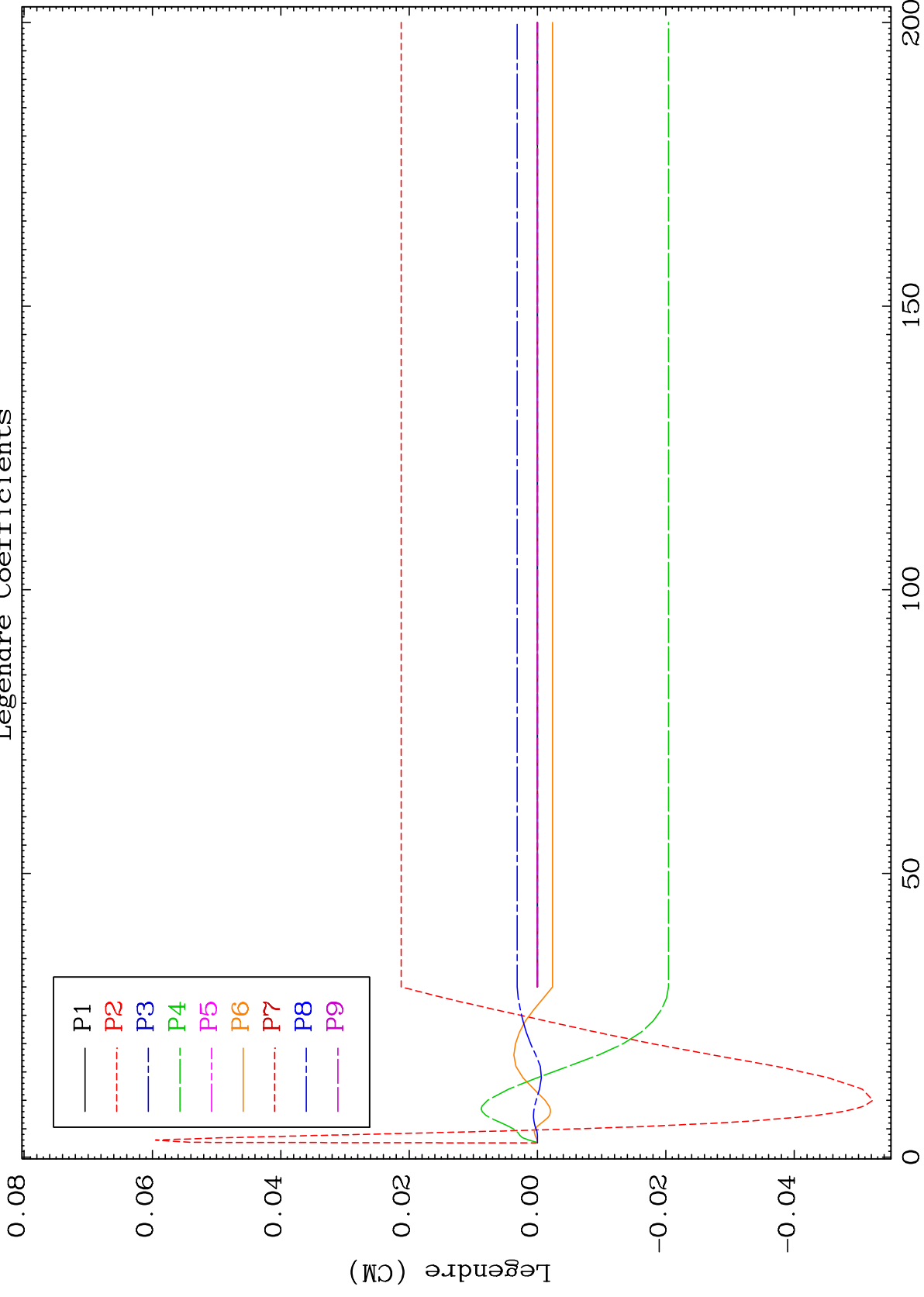
58-Ce-134



MAT 5819

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

58-Ce-134



121

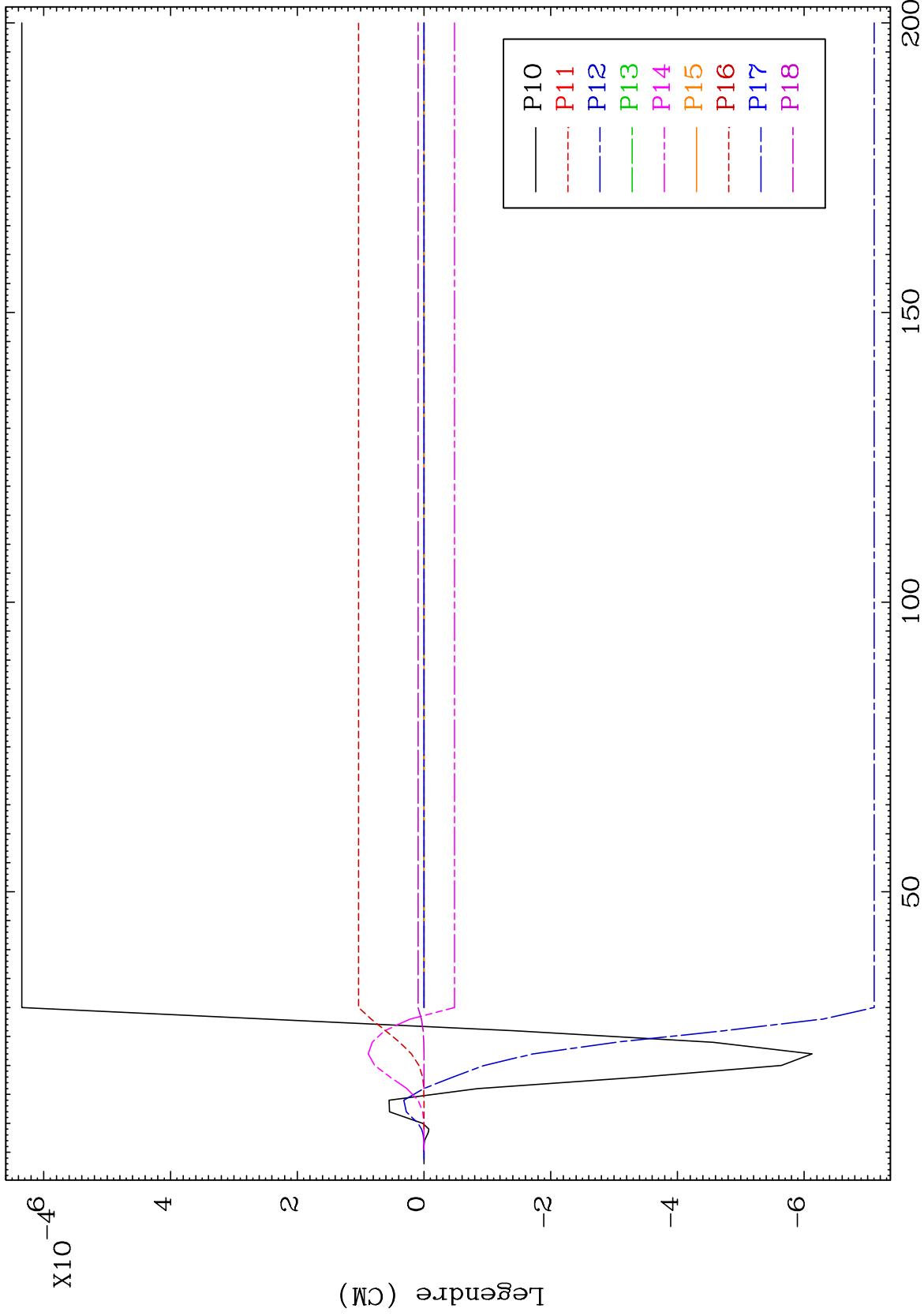
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

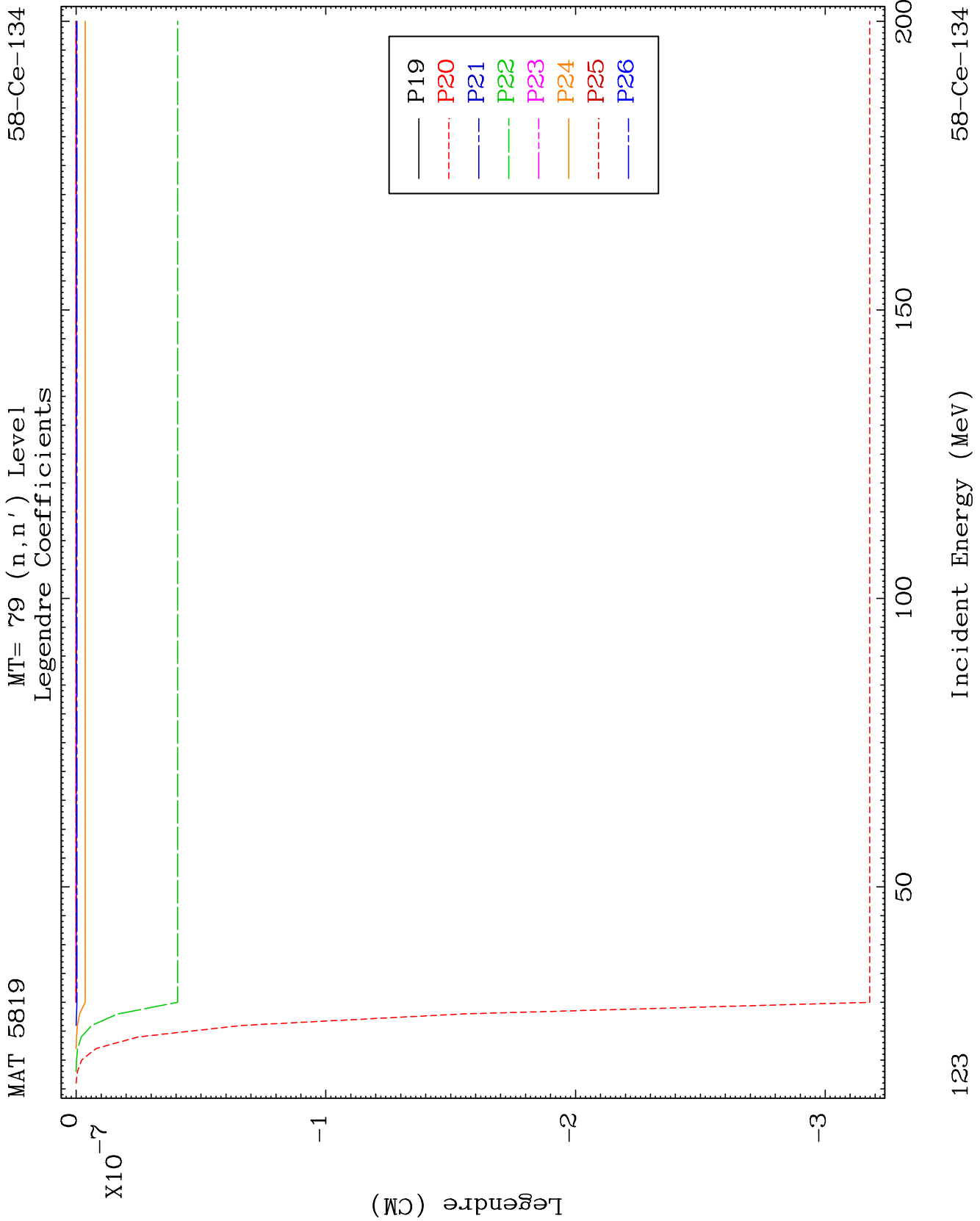
58-Ce-134



122

Incident Energy (MeV)

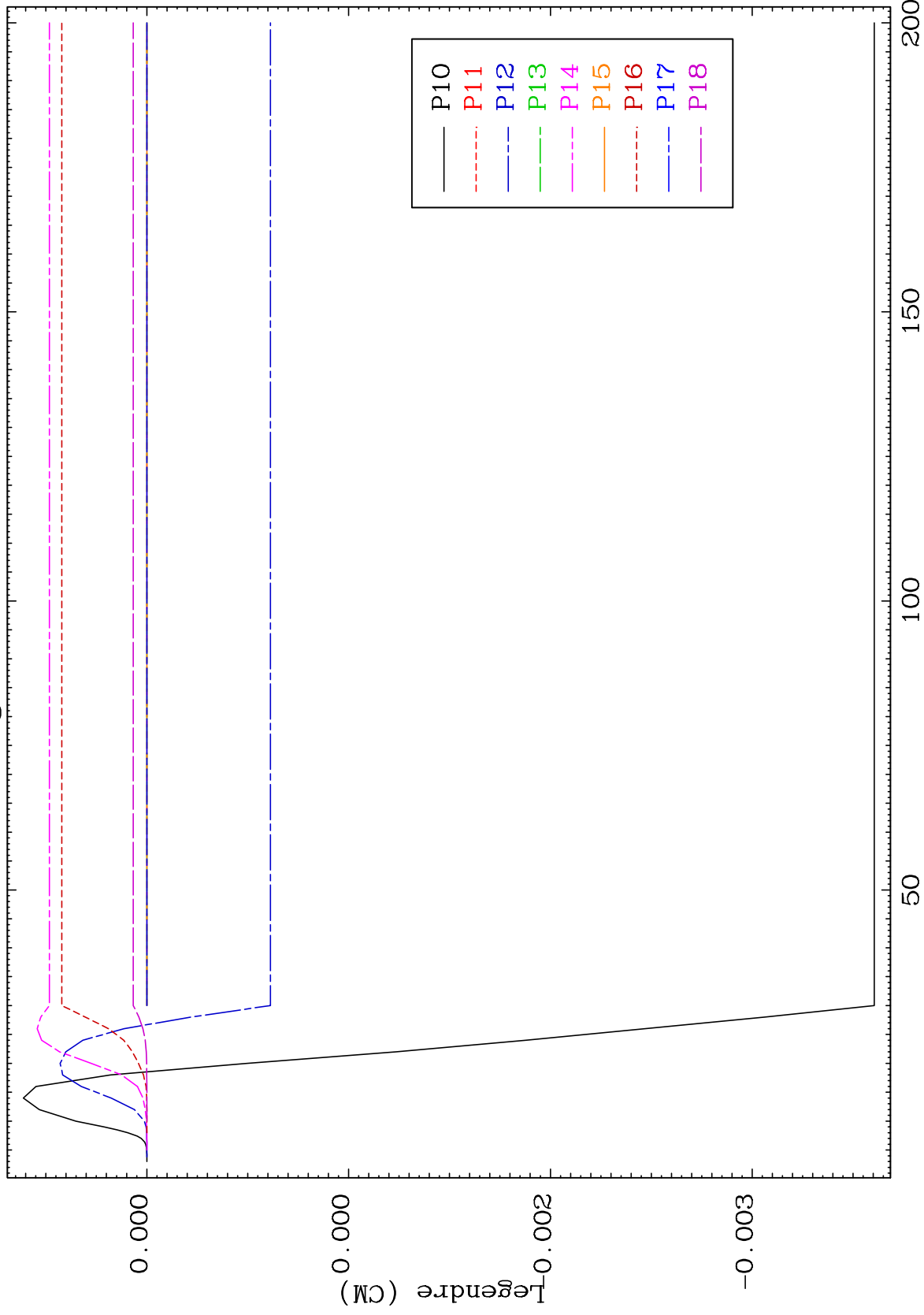
58-Ce-134



MAT 5819

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

58-Ce-134



125

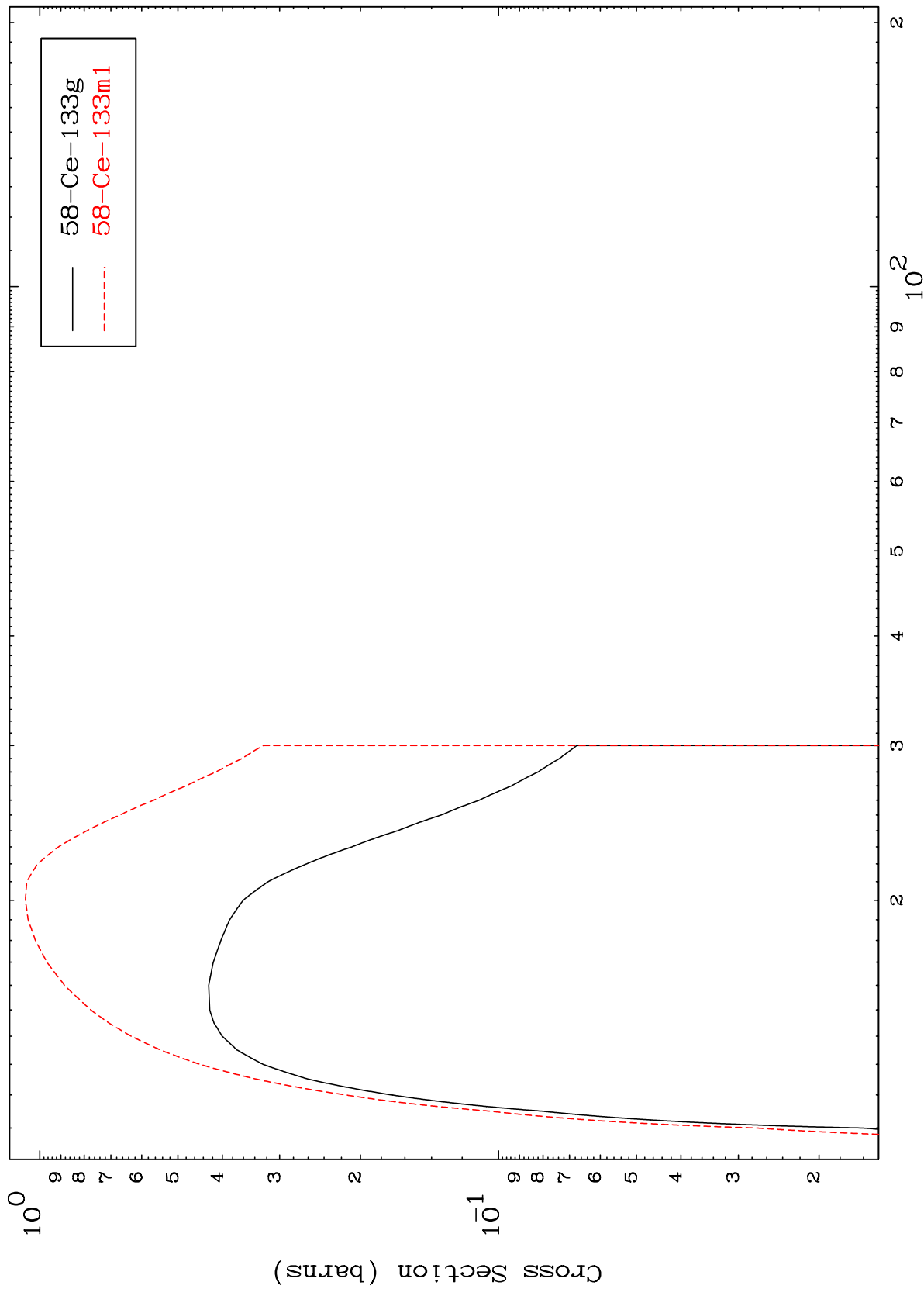
Incident Energy (MeV)

58-Ce-134

MAT 5819

58-Ce-134

(n,2n)
Radionuclide Production Cross Section



58-Ce-133g
58-Ce-133m1

127

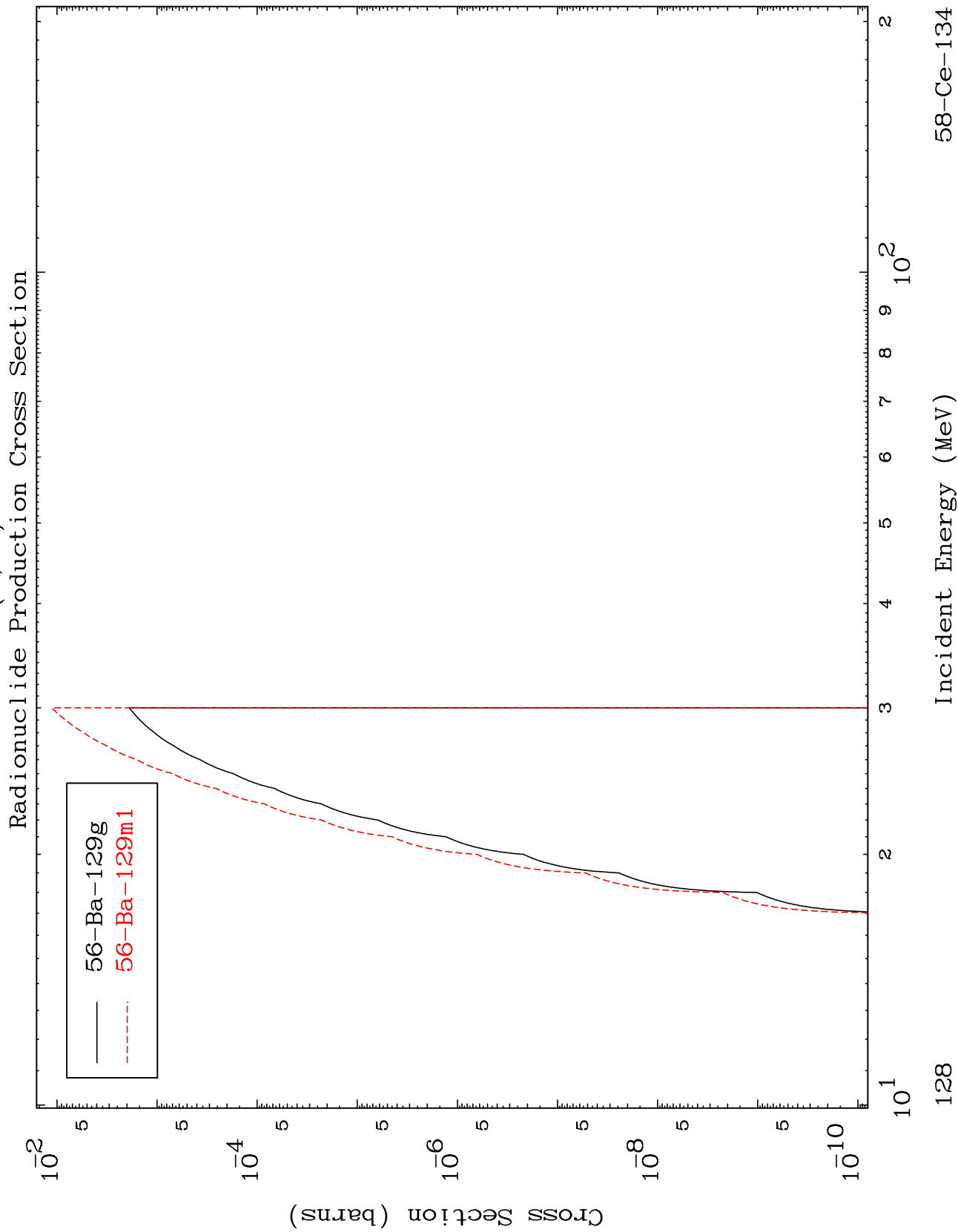
58-Ce-134

Incident Energy (MeV)

MAT 5819

(n,2n) α

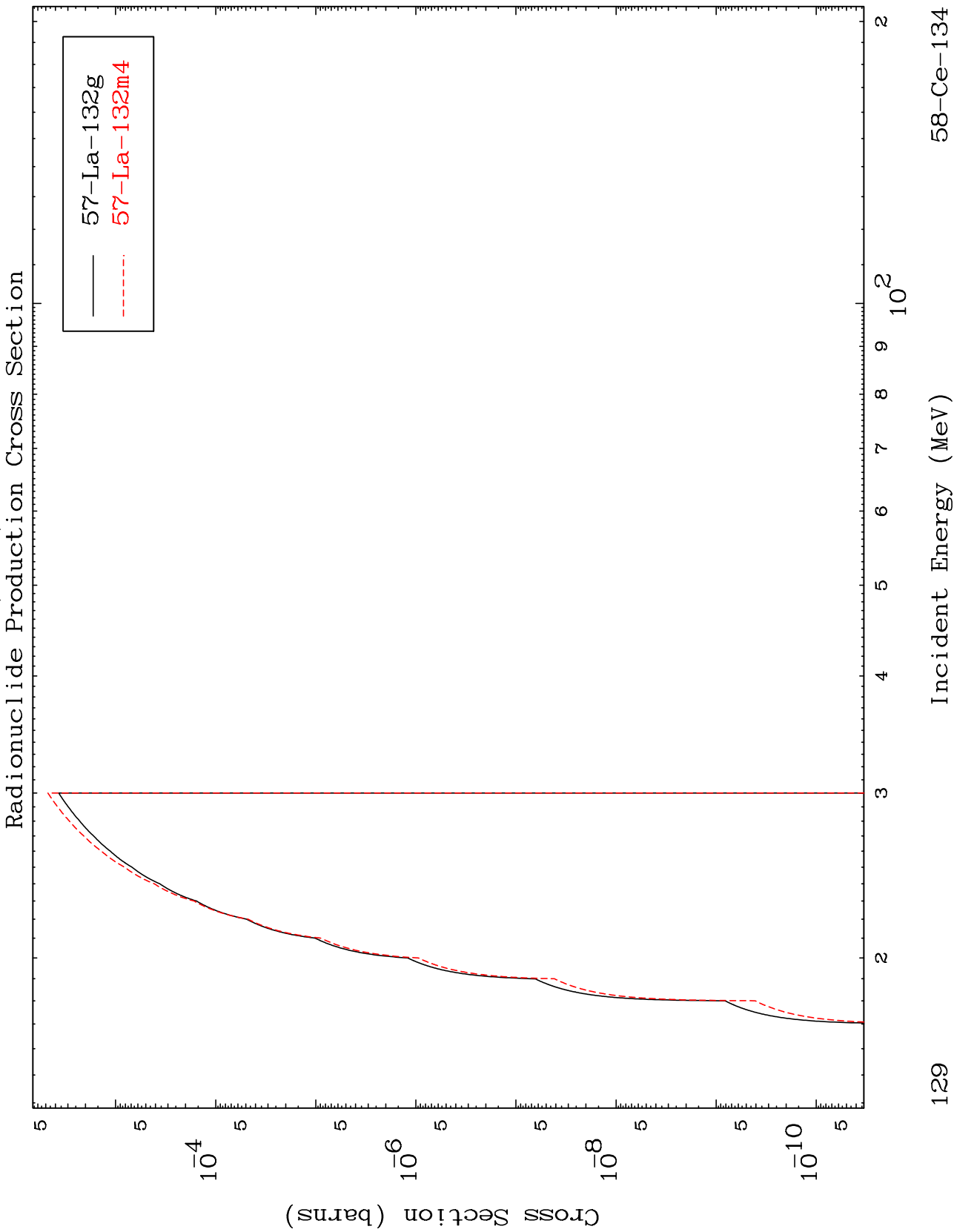
58-Ce-134



128

Incident Energy (MeV)

58-Ce-134

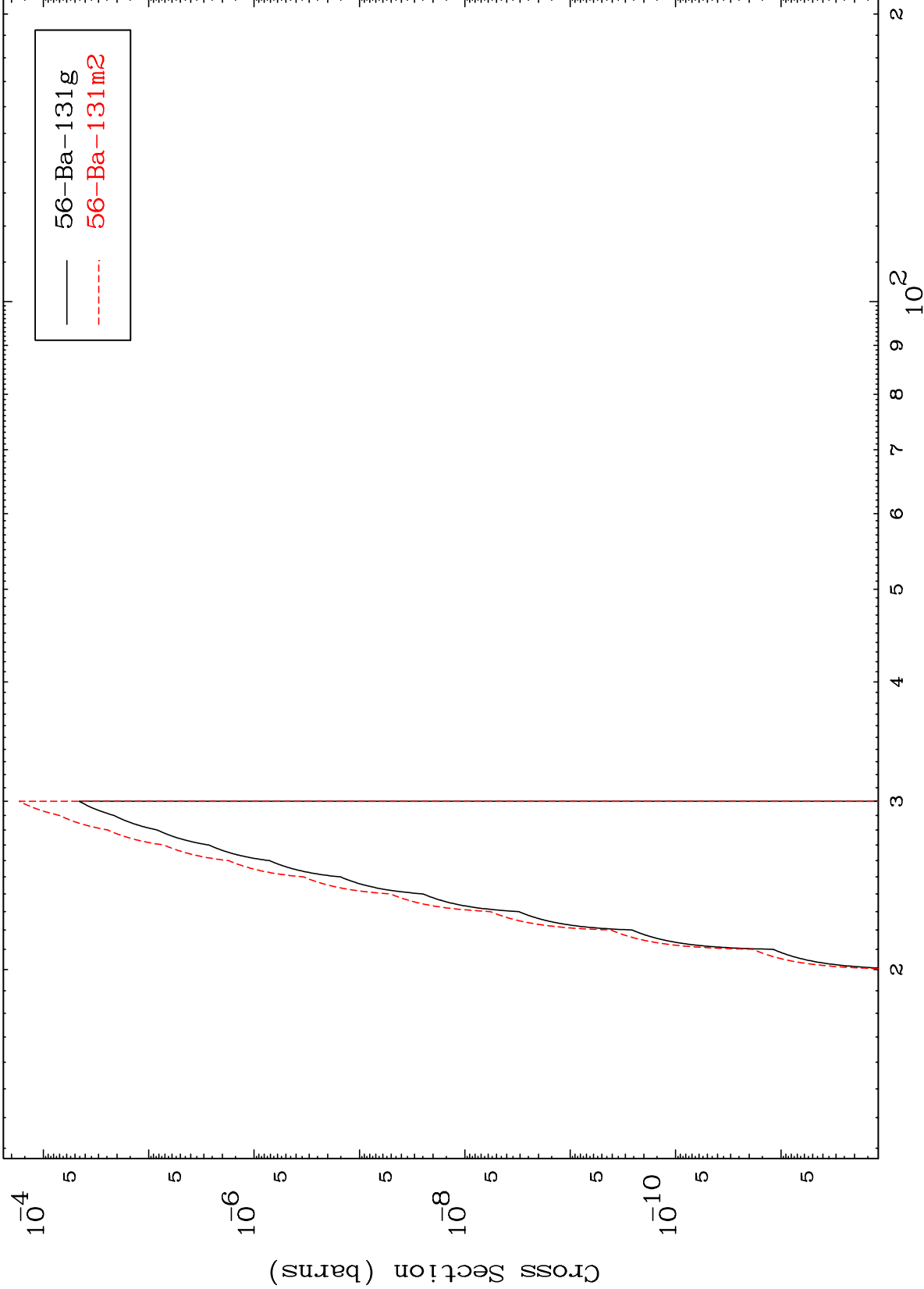


MAT 5819

(n,n') He-3

58-Ce-134

Radionuclide Production Cross Section



130

Incident Energy (MeV)

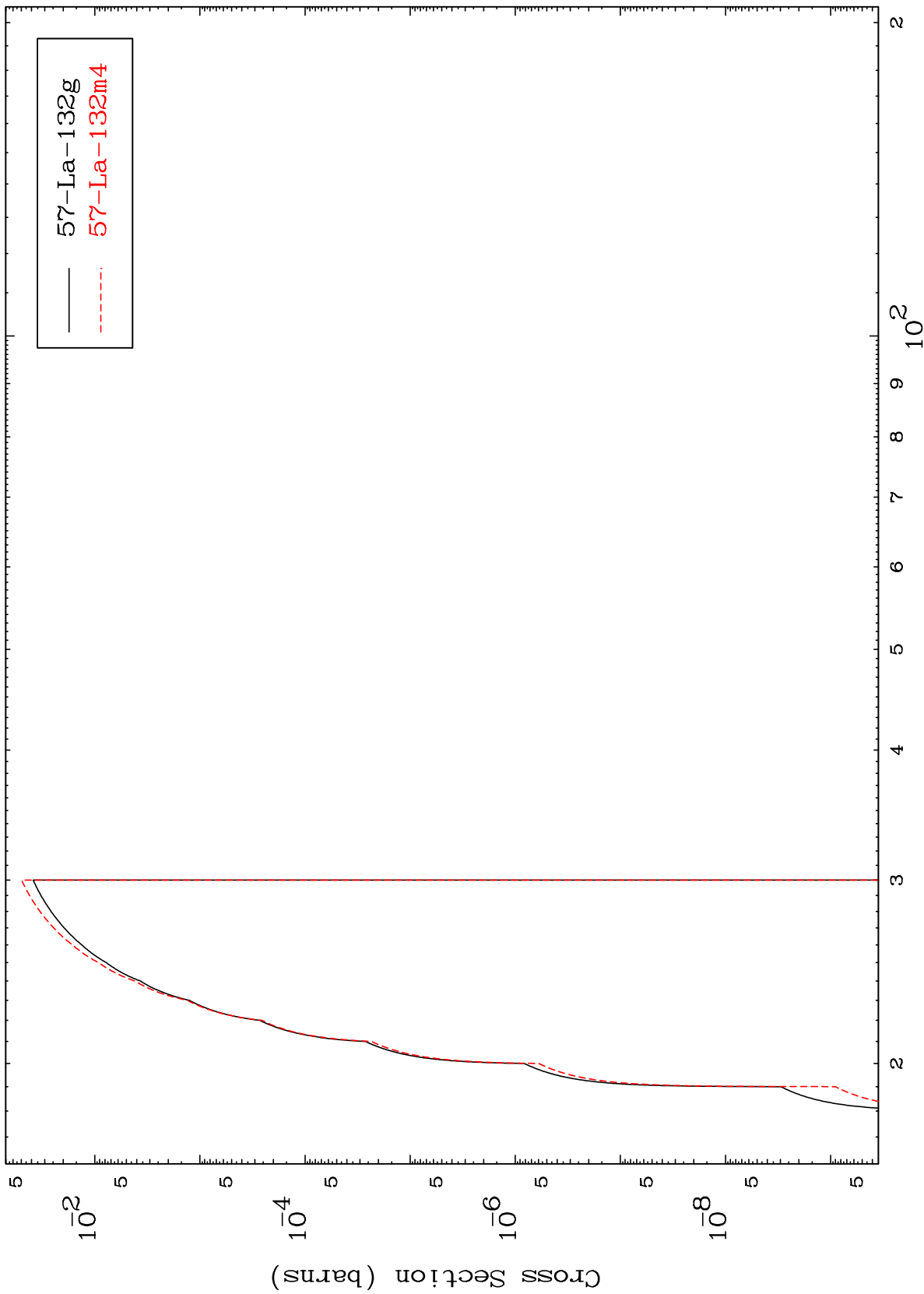
58-Ce-134

MAT 5819

(n,2n) p

58-Ce-134

Radionuclide Production Cross Section



57-La-132g
57-La-132m4

131

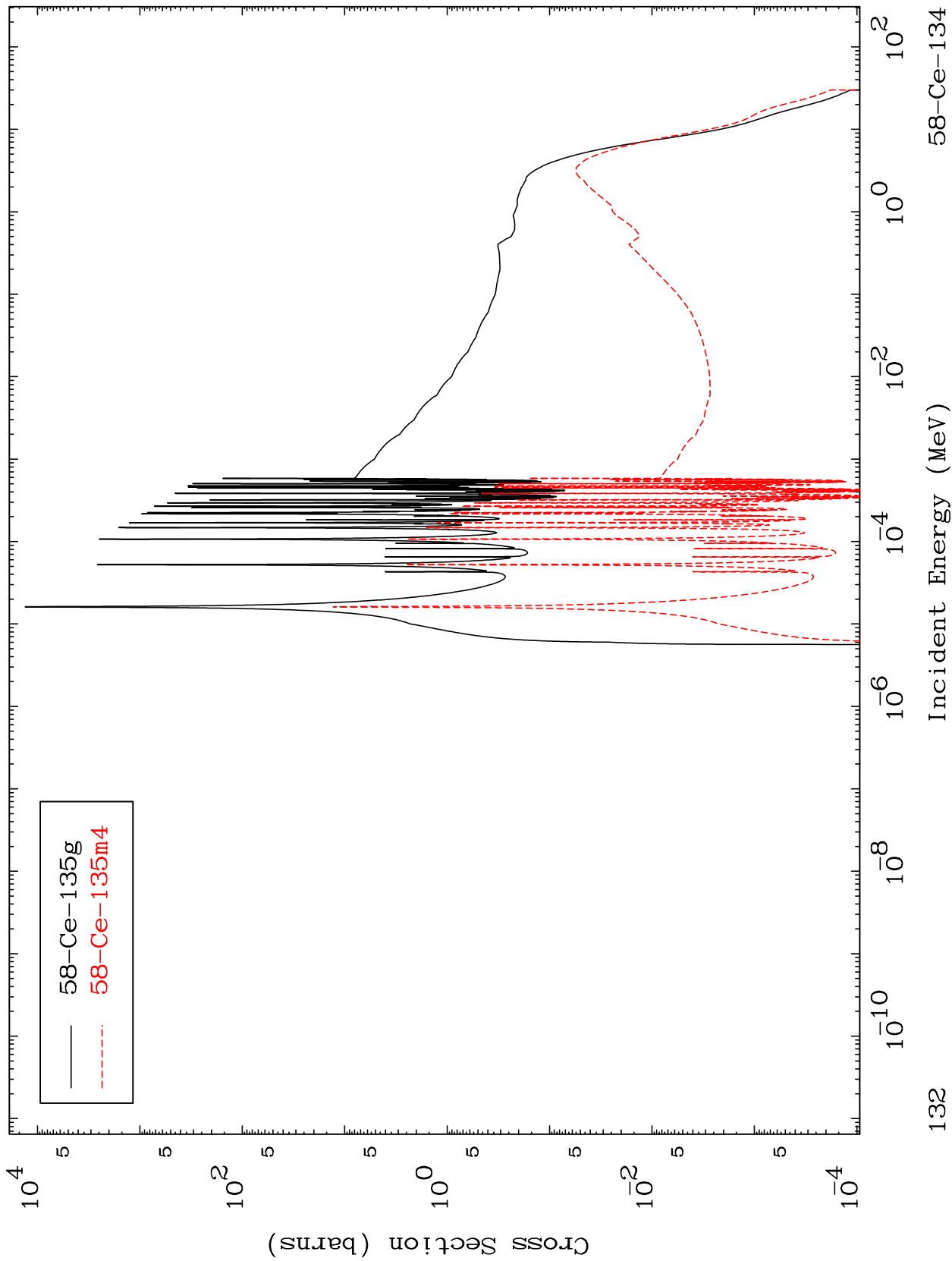
Incident Energy (MeV)

58-Ce-134

MAT 5819

58-Ce-134

(n, γ)
Radionuclide Production Cross Section



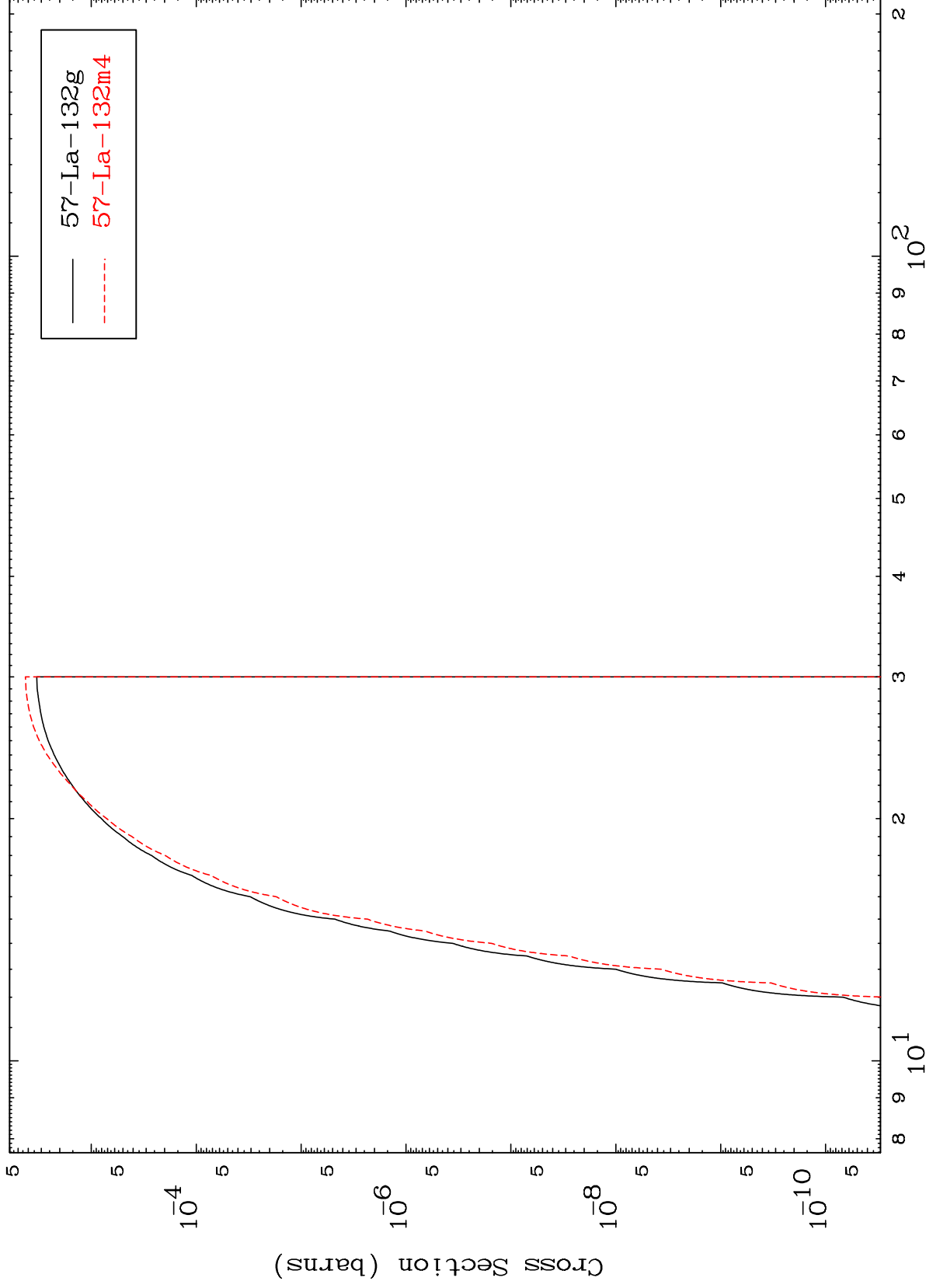
132

58-Ce-134

MAT 5819

58-Ce-134

(n,t)
Radionuclide Production Cross Section



133

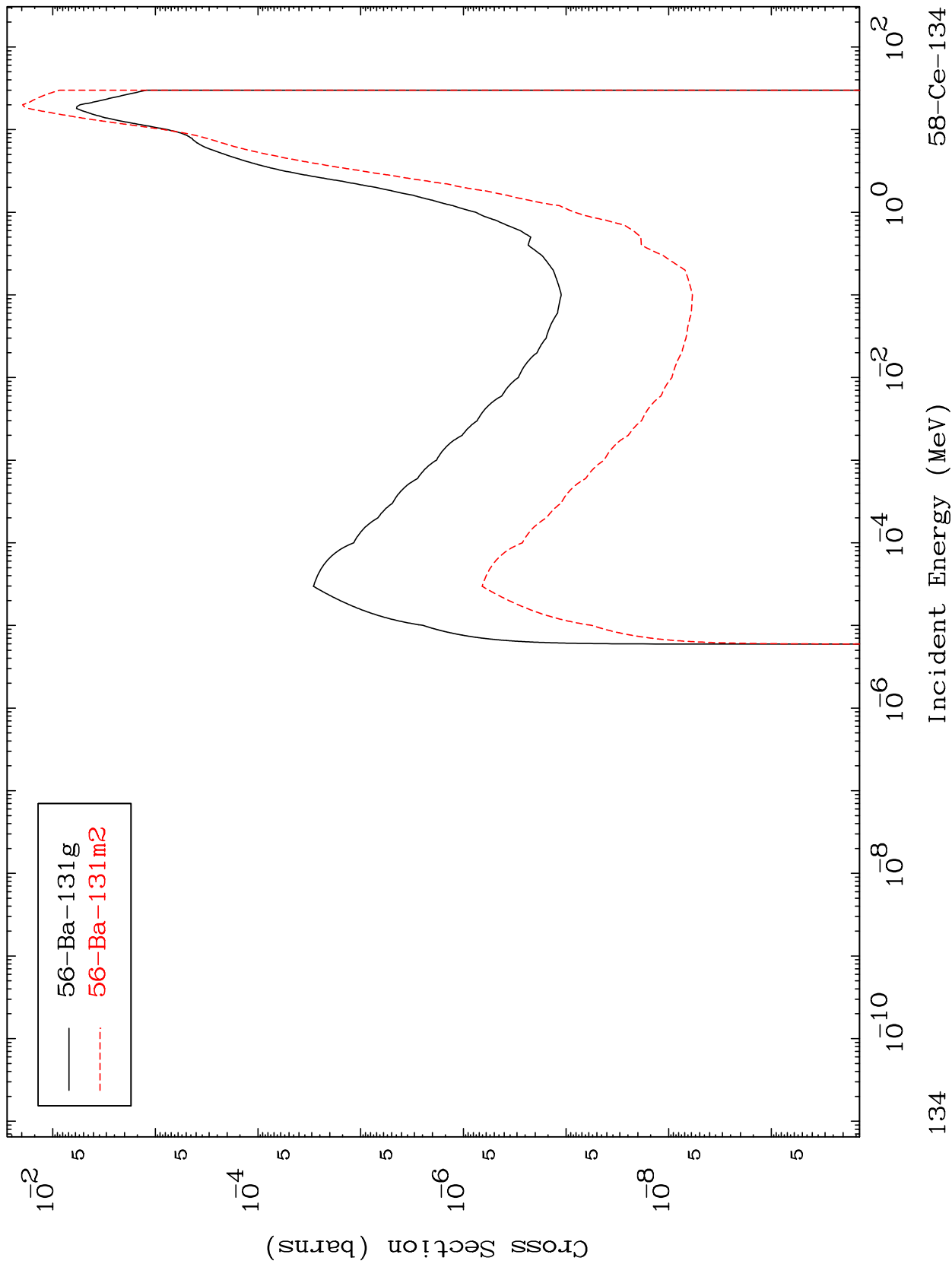
Incident Energy (MeV)

58-Ce-134

MAT 5819

58-Ce-134

Radionuclide Production Cross Section
(n, α)



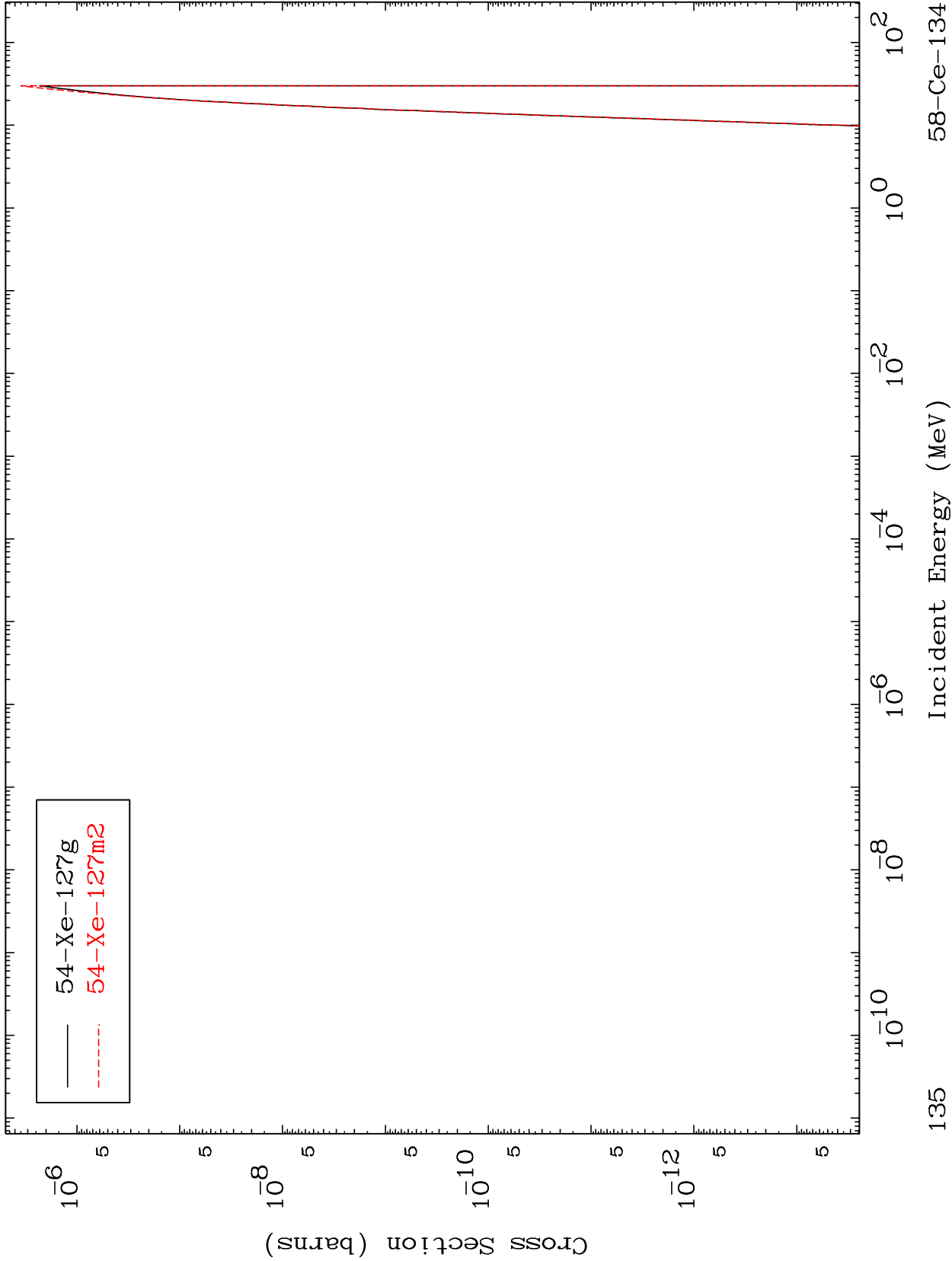
134

MAT 5819

(n,2α)

58-Ce-134

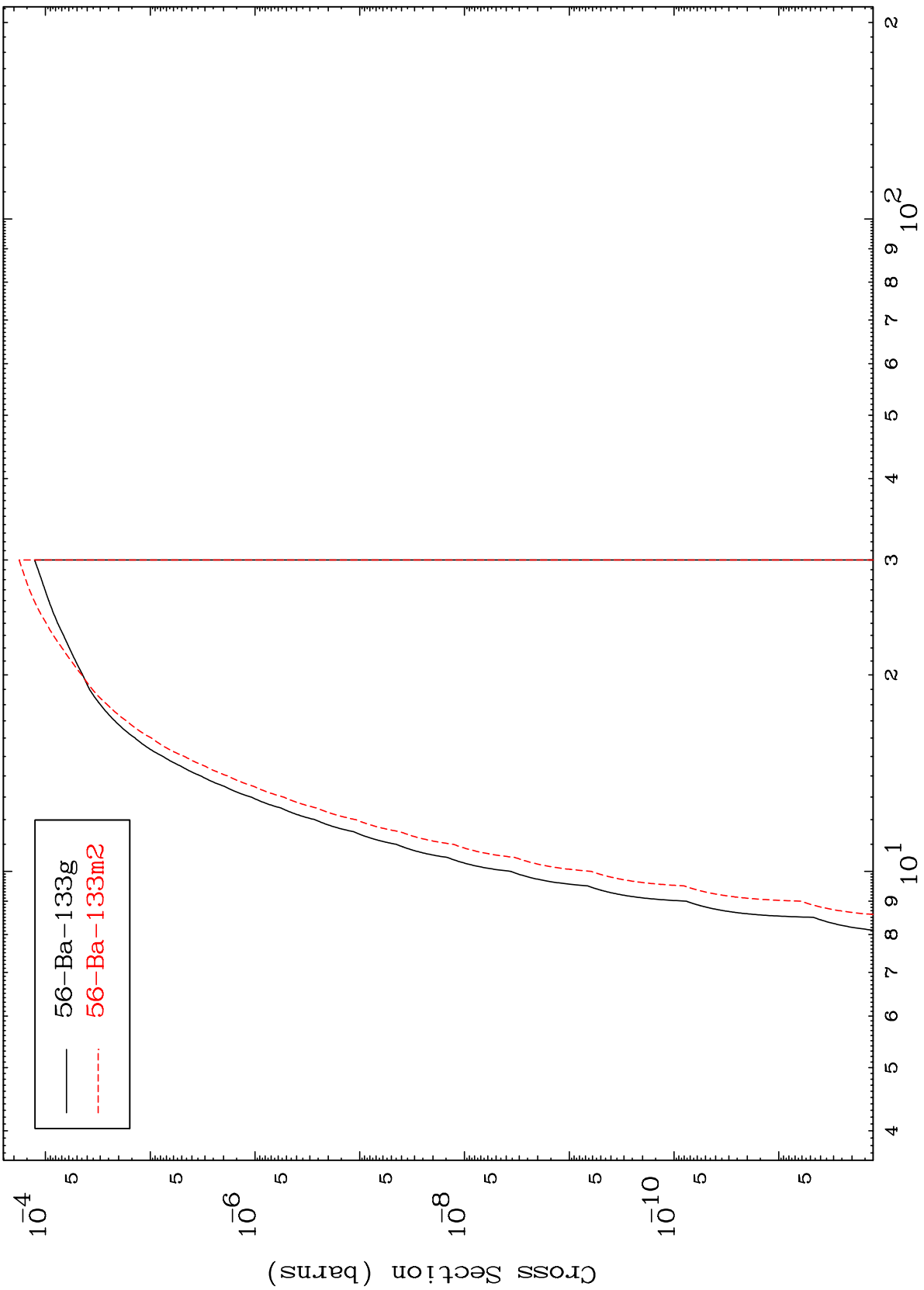
Radionuclide Production Cross Section



MAT 5819

58-Ce-134

Radionuclide Production Cross Section
(n,2p)



56-Ba-133g
56-Ba-133m2

136

Incident Energy (MeV)

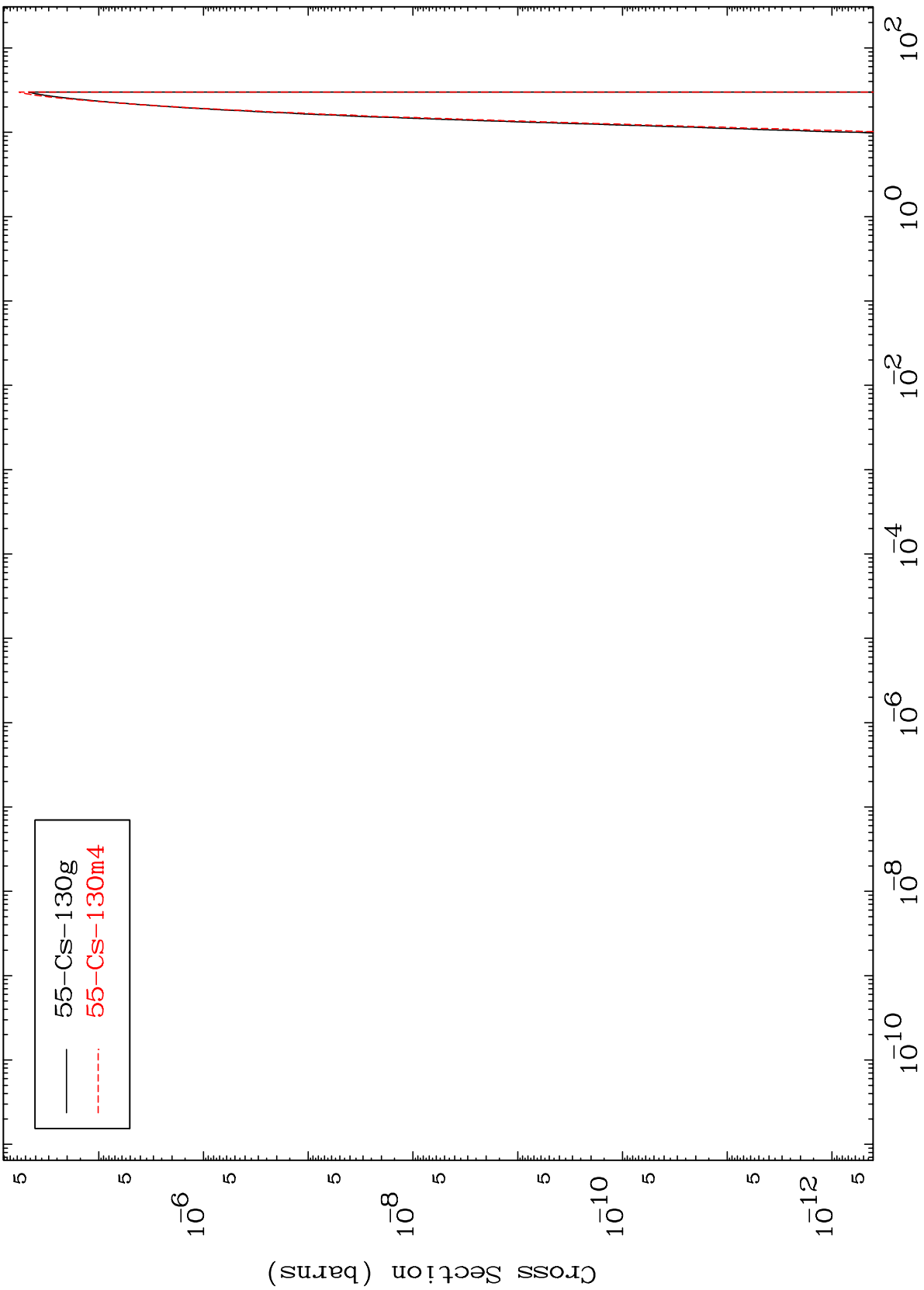
58-Ce-134

MAT 5819

(n,p) α

58-Ce-134

Radionuclide Production Cross Section



137

Incident Energy (MeV)

58-Ce-134

Radionuclide Production Cross Section

