

Program EVALPLOT
(Version 2017-1)

by

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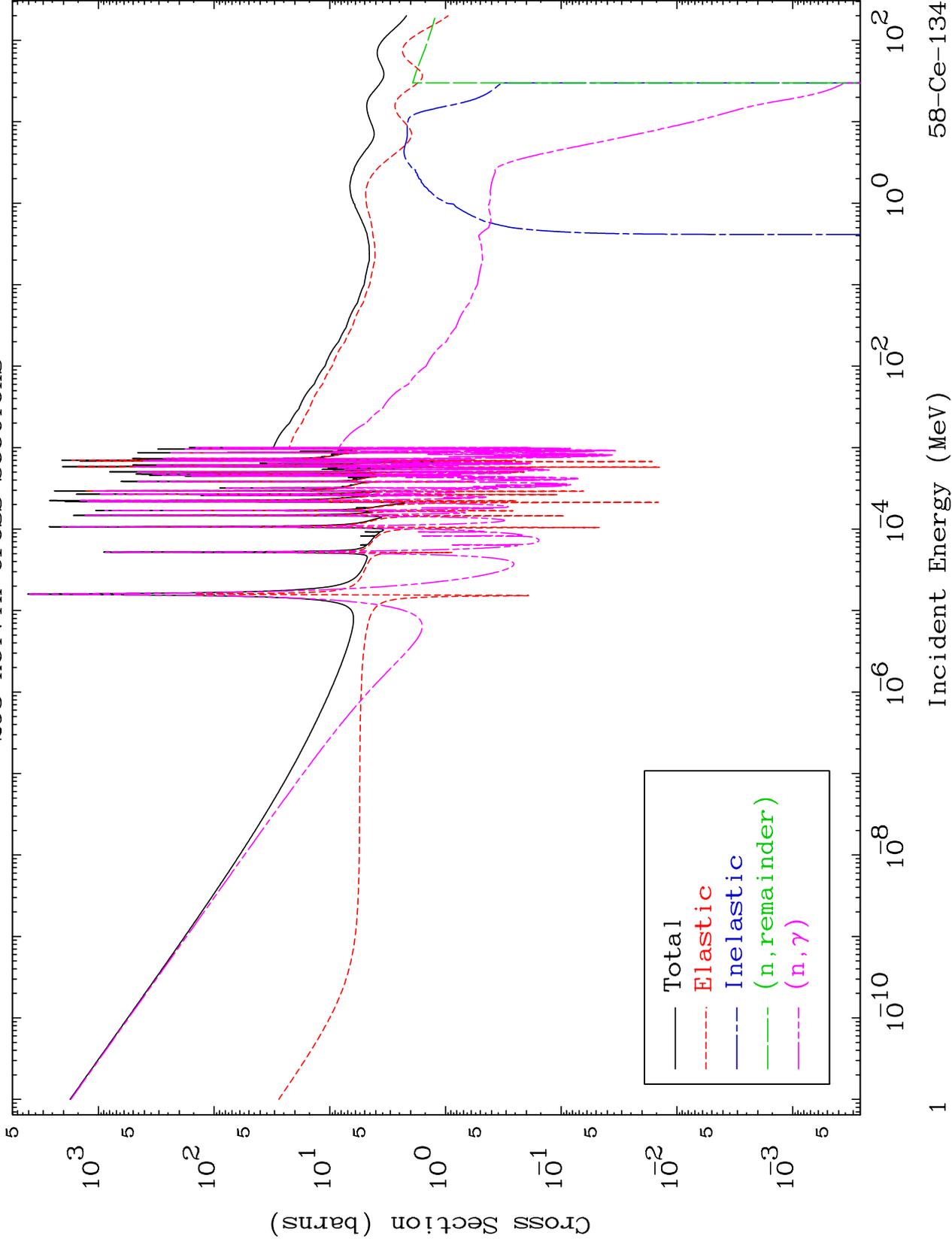
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Press Mouse Button to Start

MAT 5819

Major
293 Kelvin Cross Sections

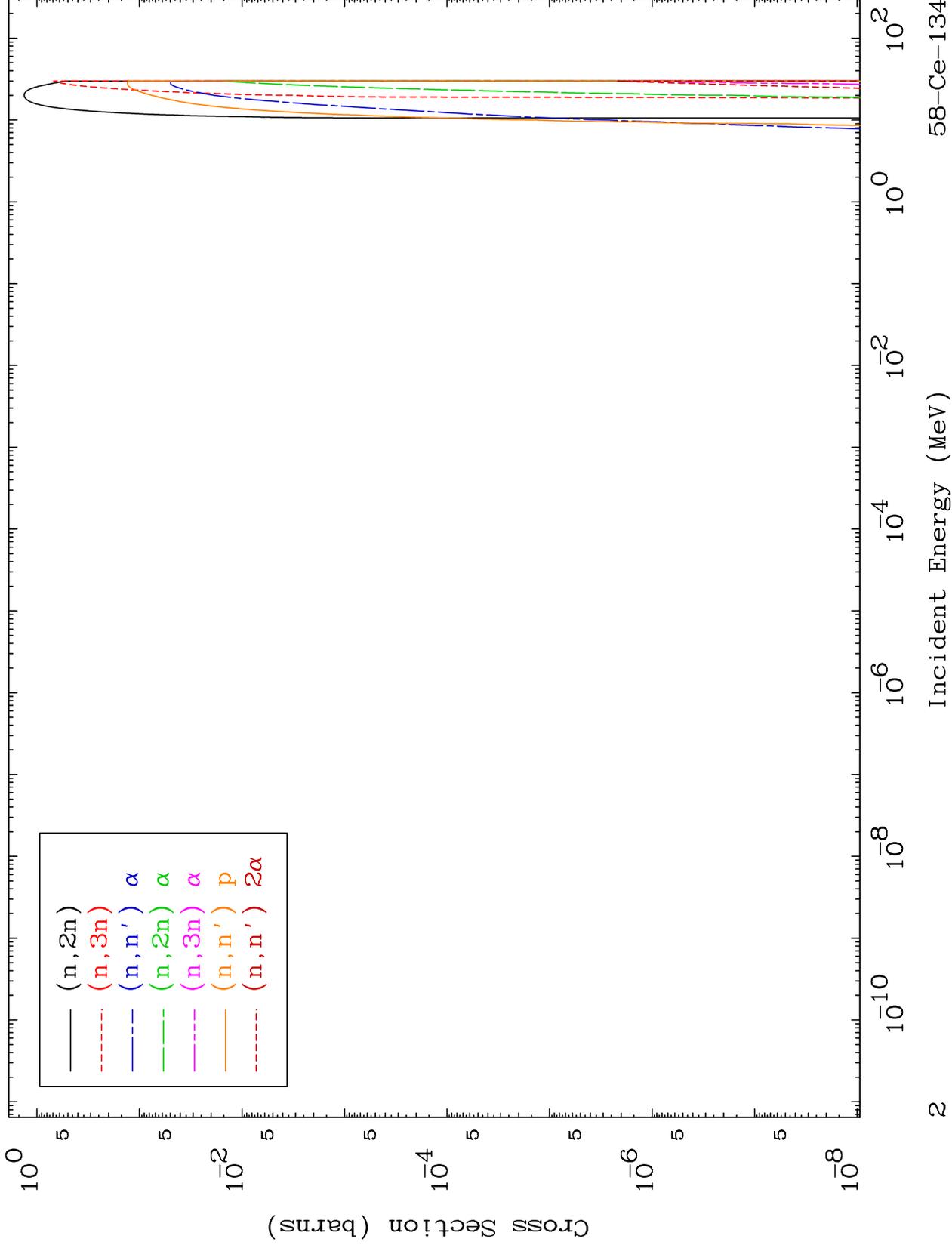
58-Ce-134

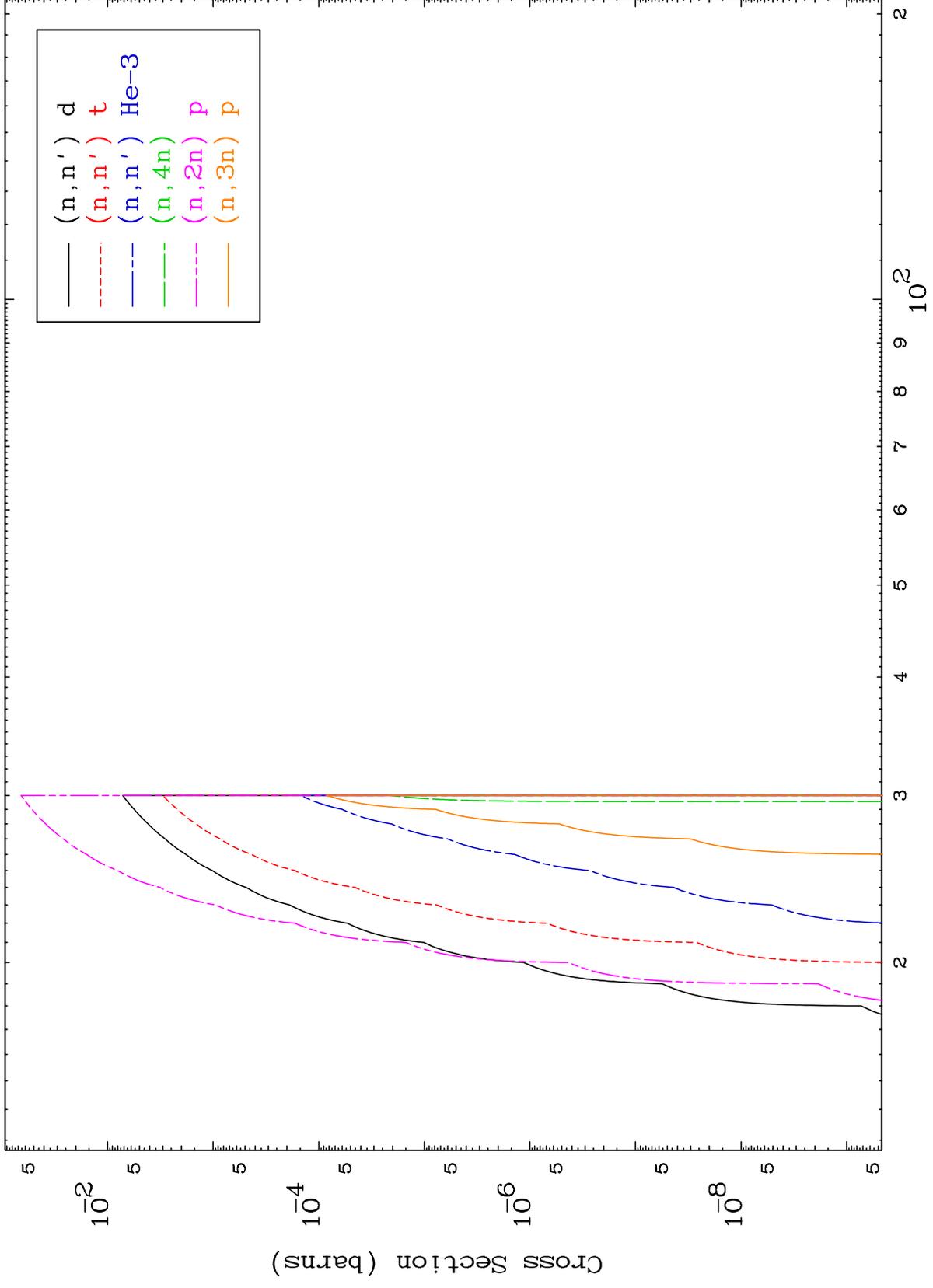


MAT 5819

Neutron Production
293 Kelvin Cross Sections

58-Ce-134

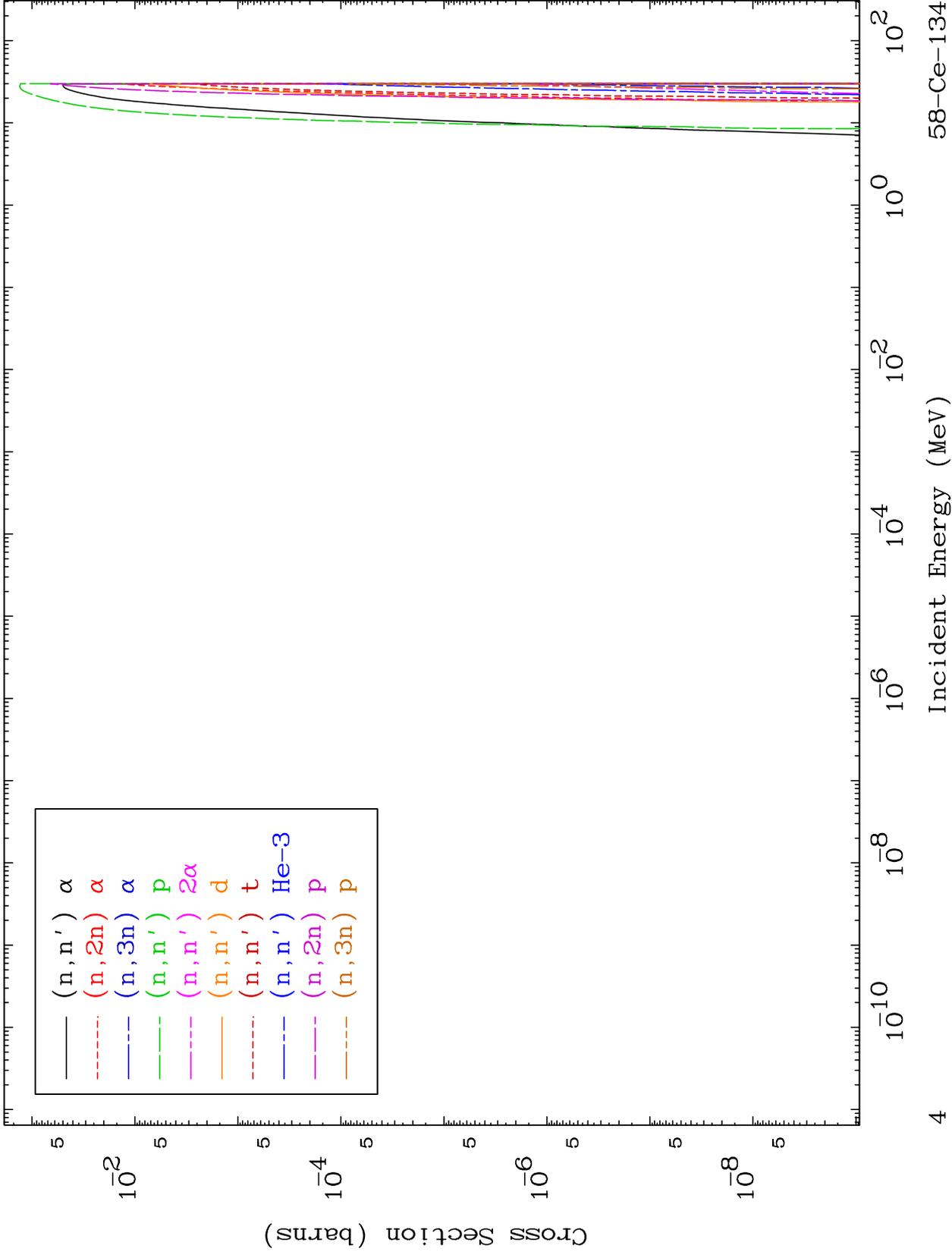




MAT 5819

Charged Particle
293 Kelvin Cross Sections

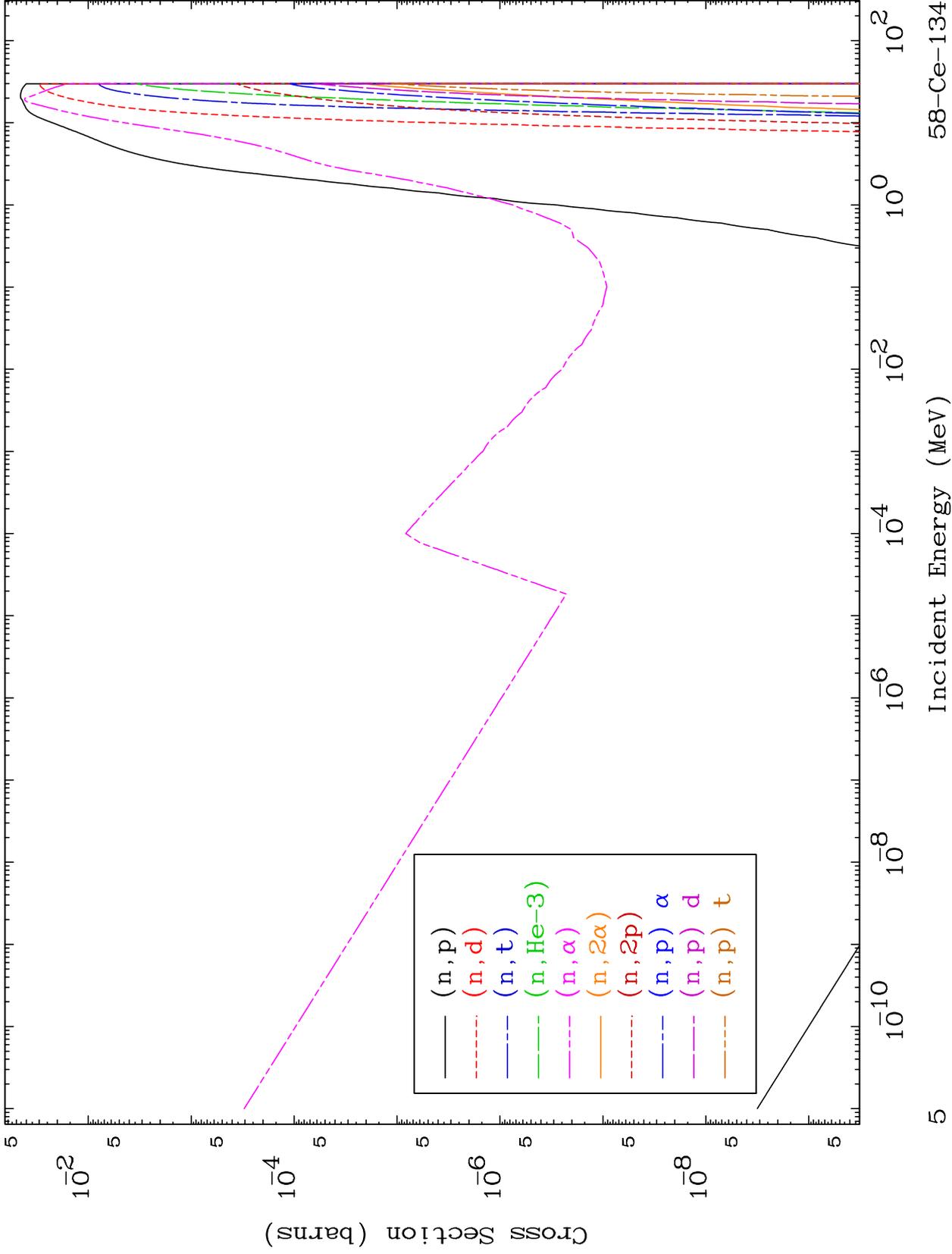
58-Ce-134



MAT 5819

Charged Particle
293 Kelvin Cross Sections

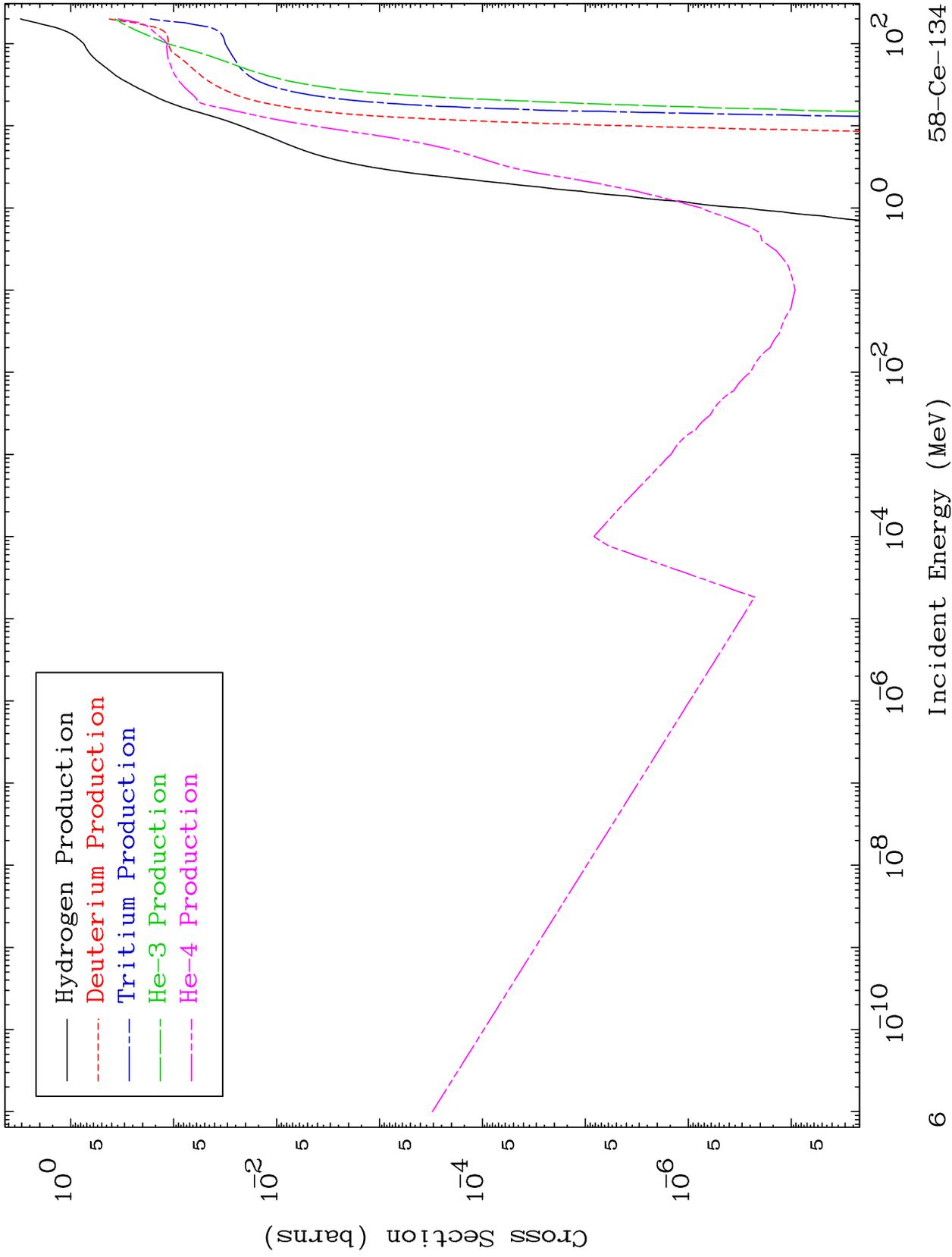
58-Ce-134



MAT 5819

Particle Production
293 Kelvin Cross Sections

58-Ce-134

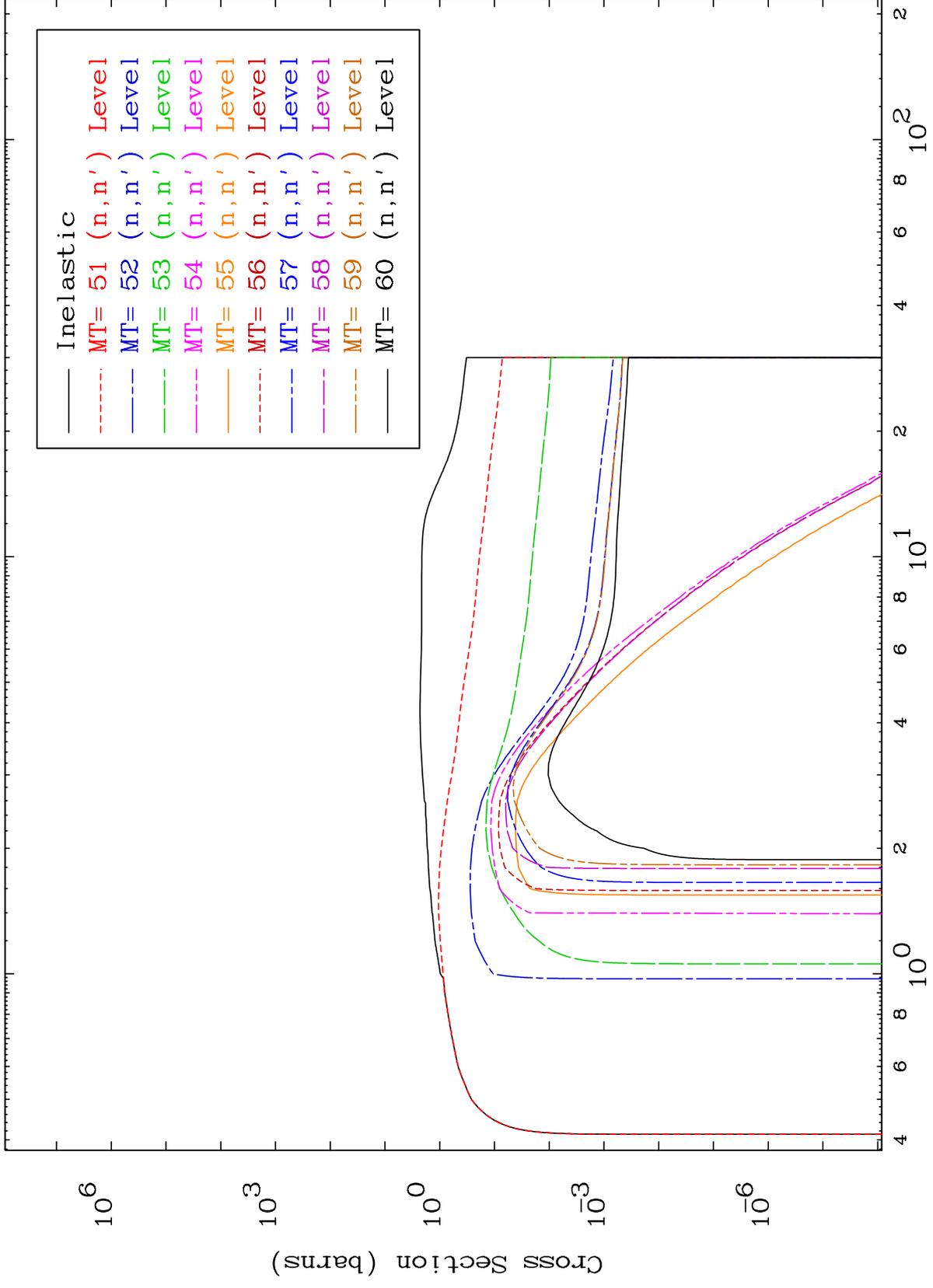


MAT 5819

(n,n') Level

58-Ce-134

293 Kelvin Cross Sections



Incident Energy (MeV)

58-Ce-134

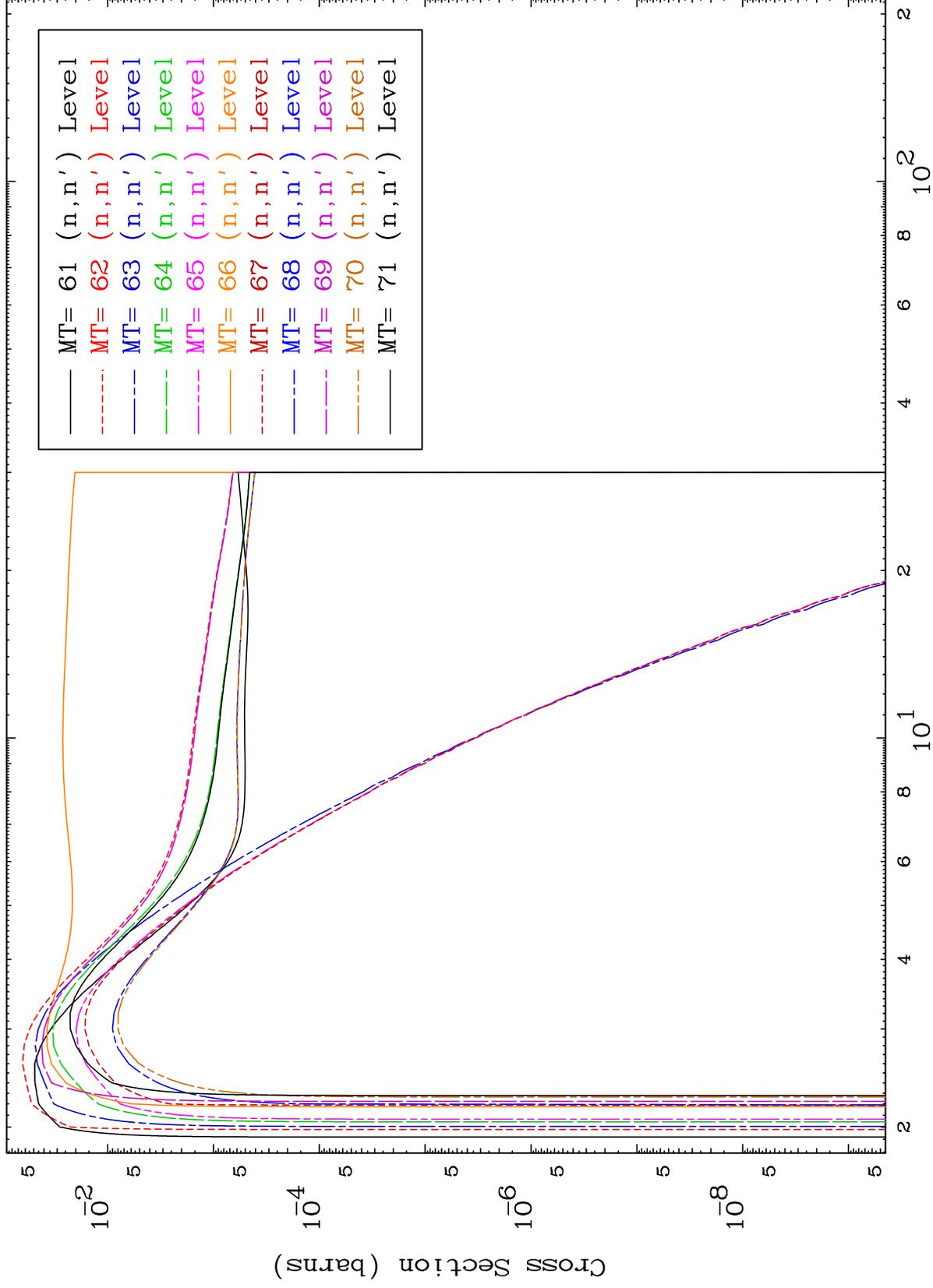
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MAT 5819

(n,n') Level

58-Ce-134

293 Kelvin Cross Sections

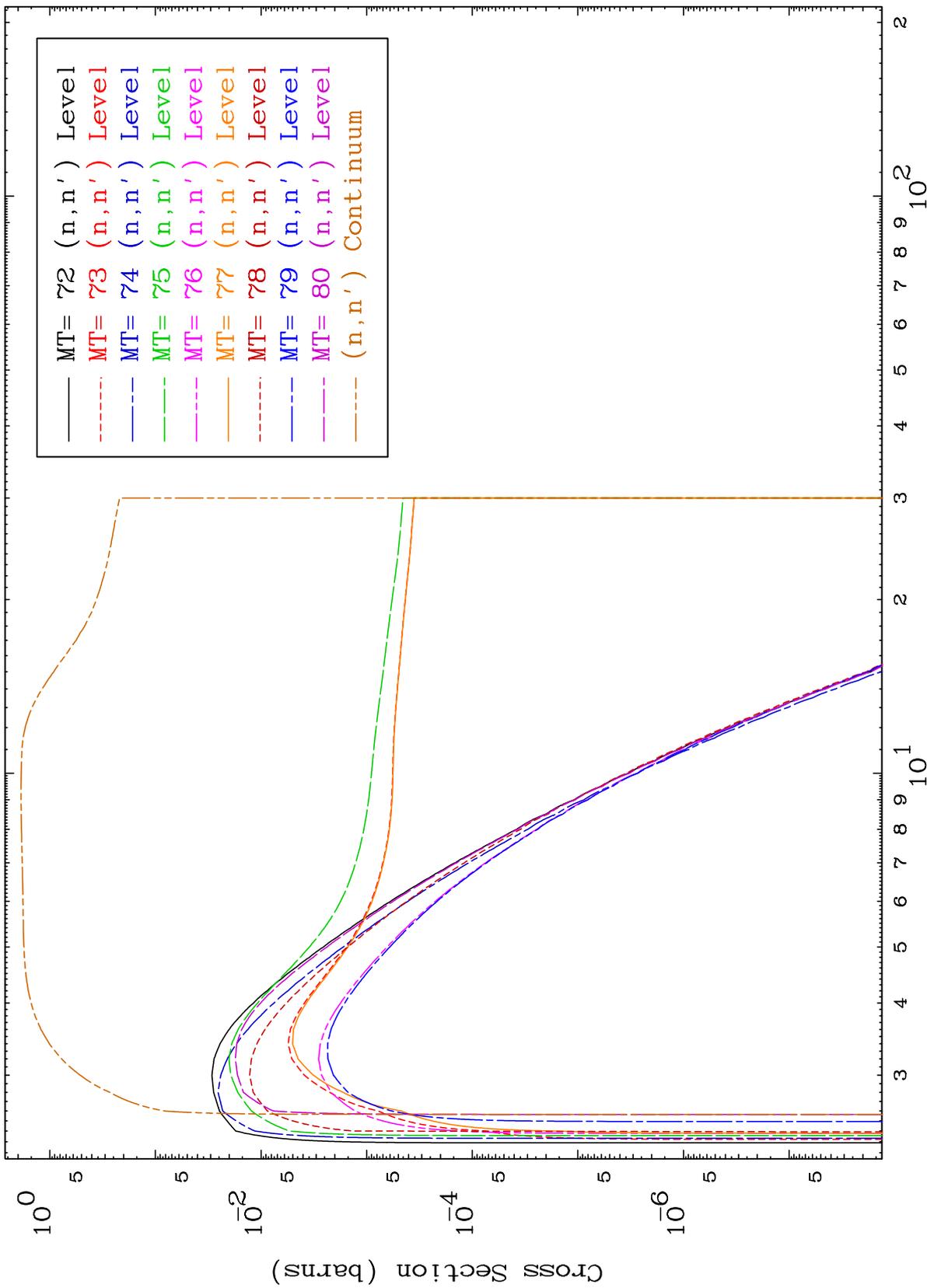


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Incident Energy (MeV)

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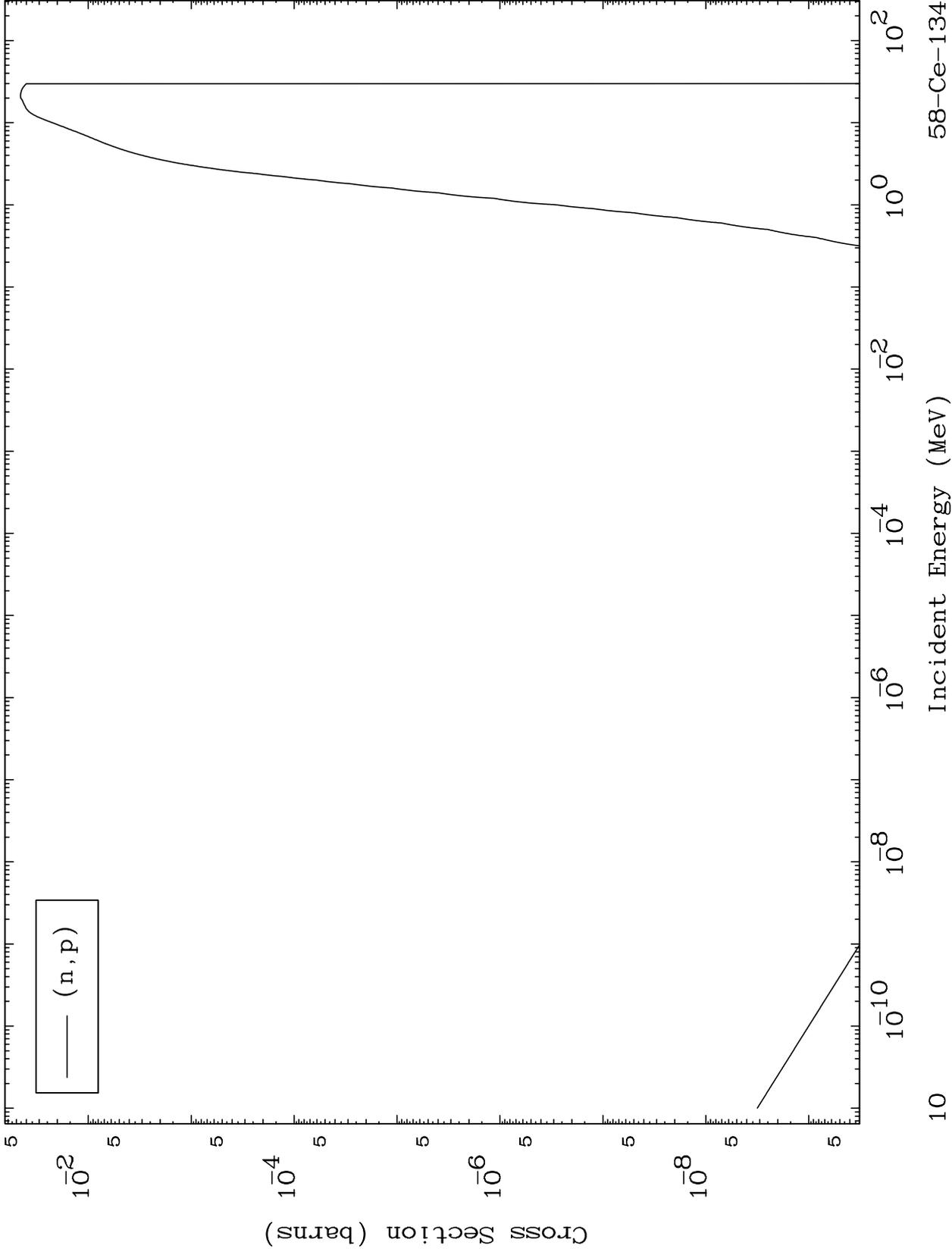
293 Kelvin Cross Sections



MAT 5819

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-134



10

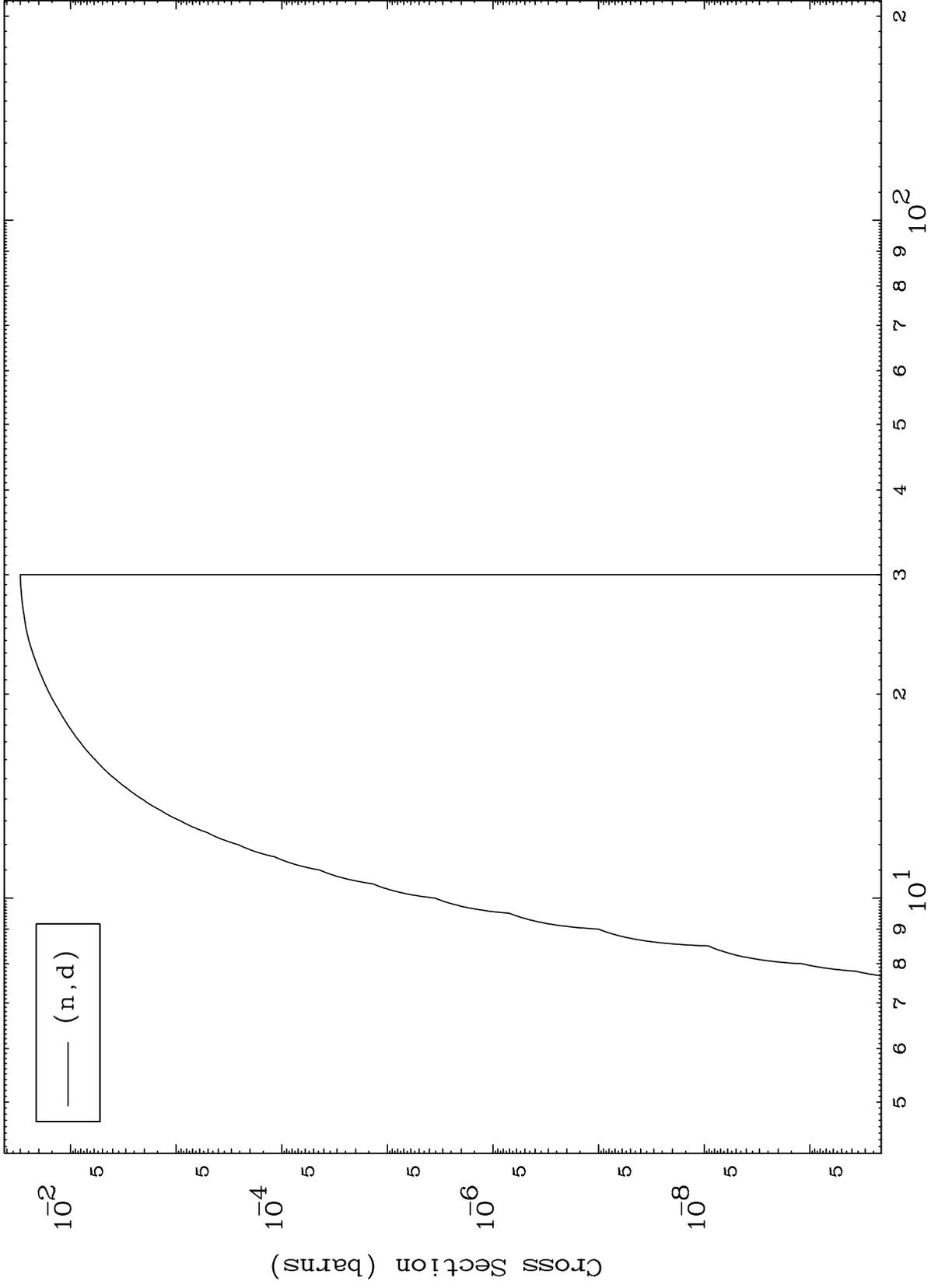
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-134



11

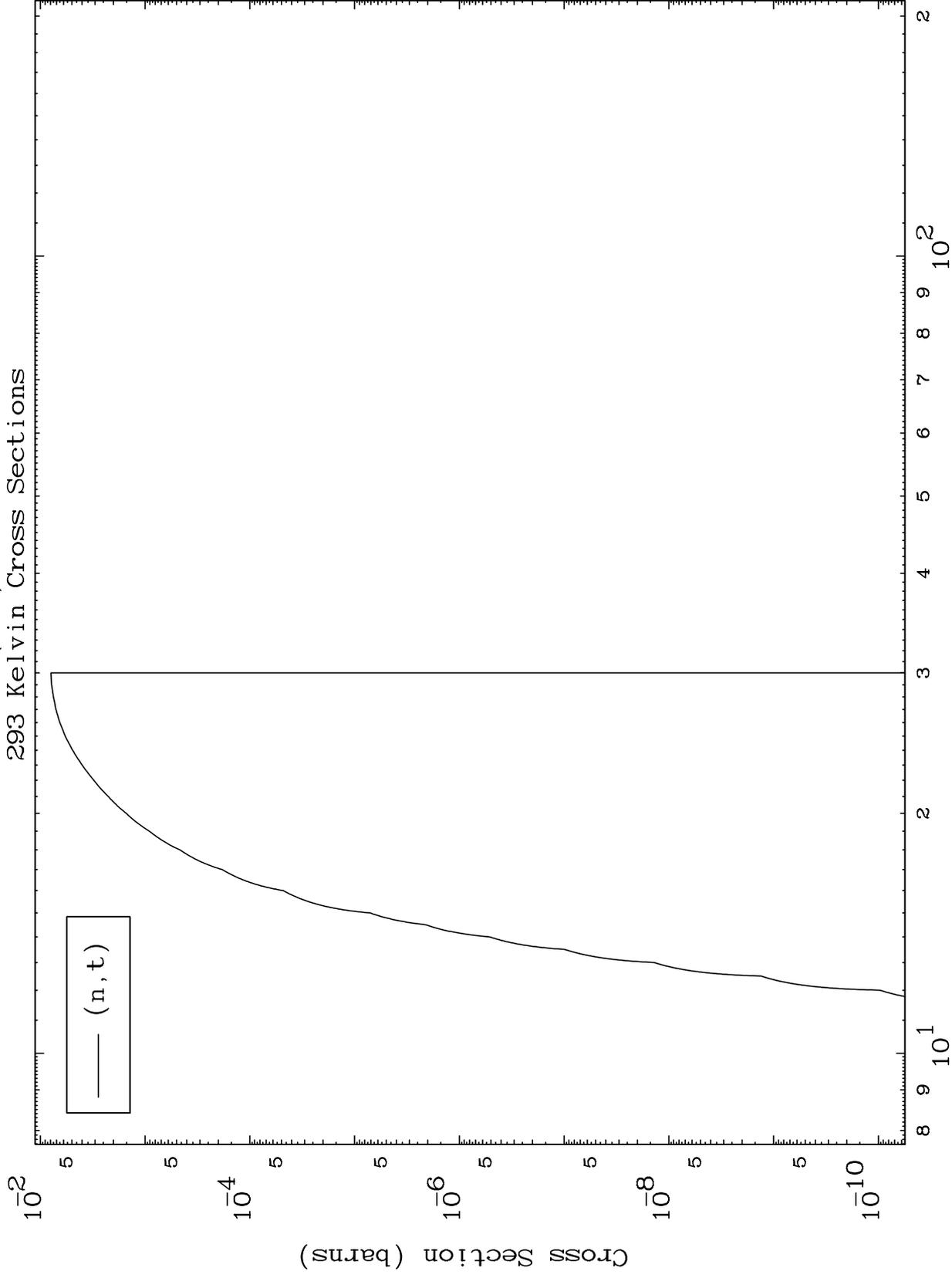
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58-Ce-134

MAT 5819

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-134



12

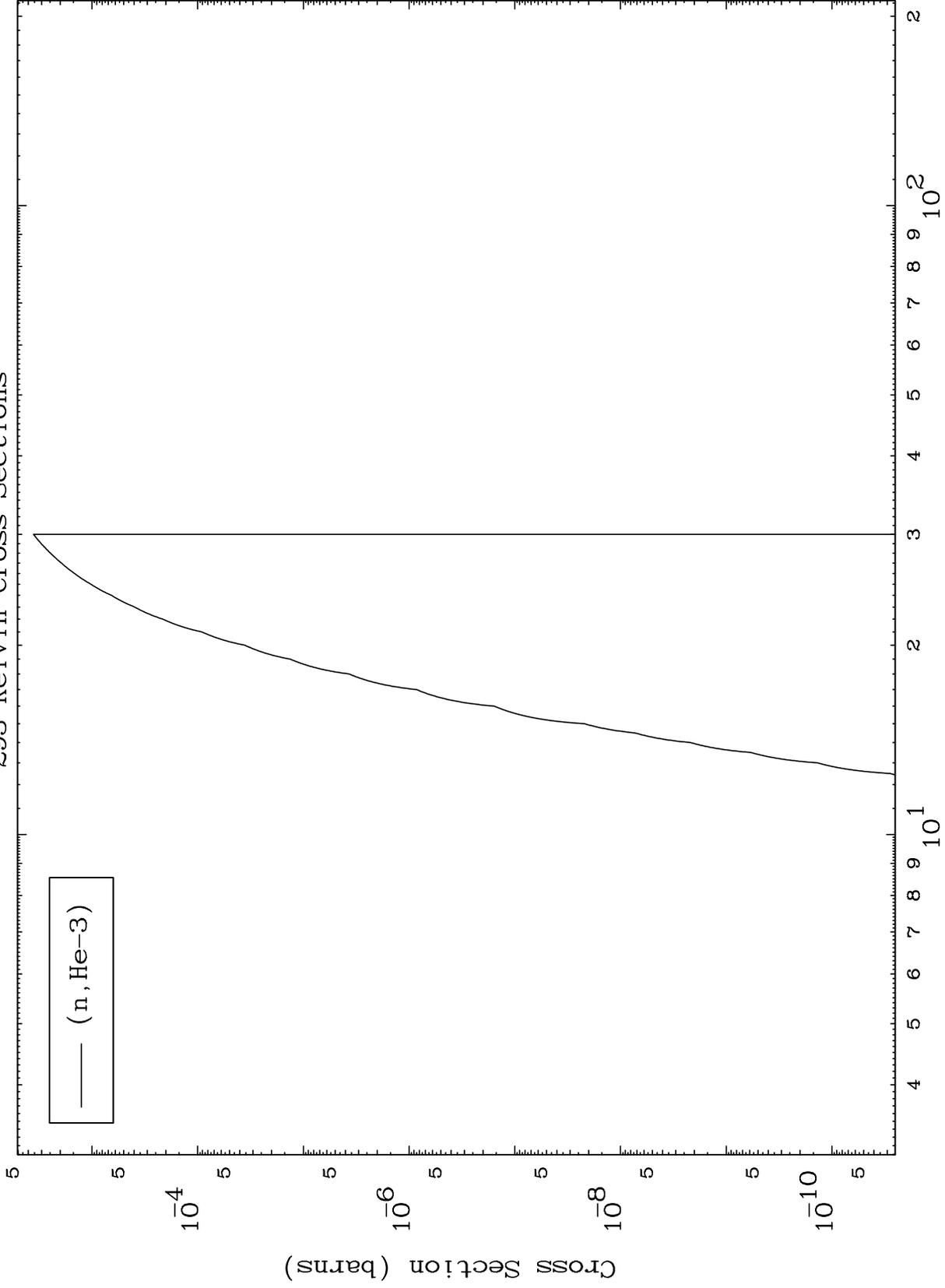
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-134



13

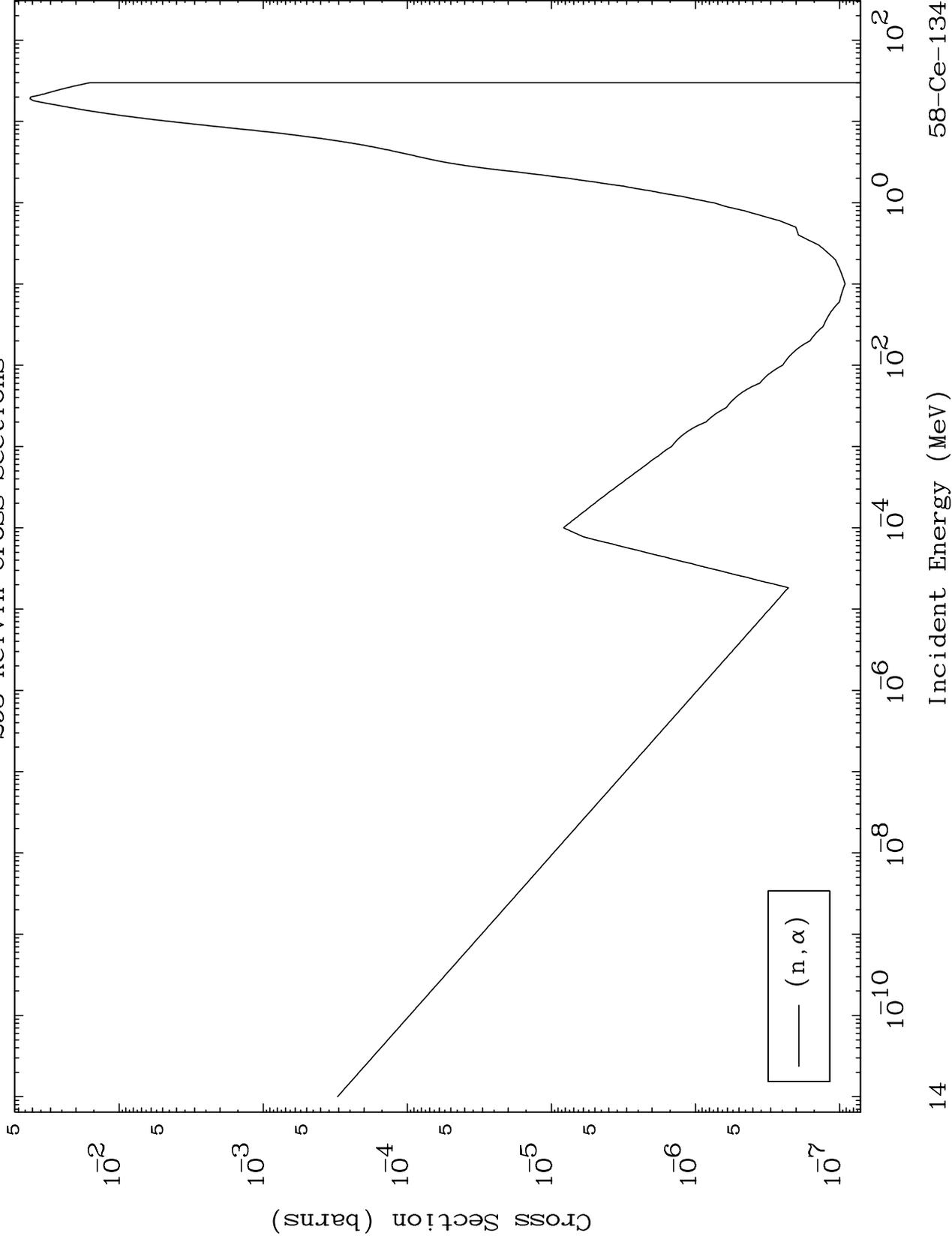
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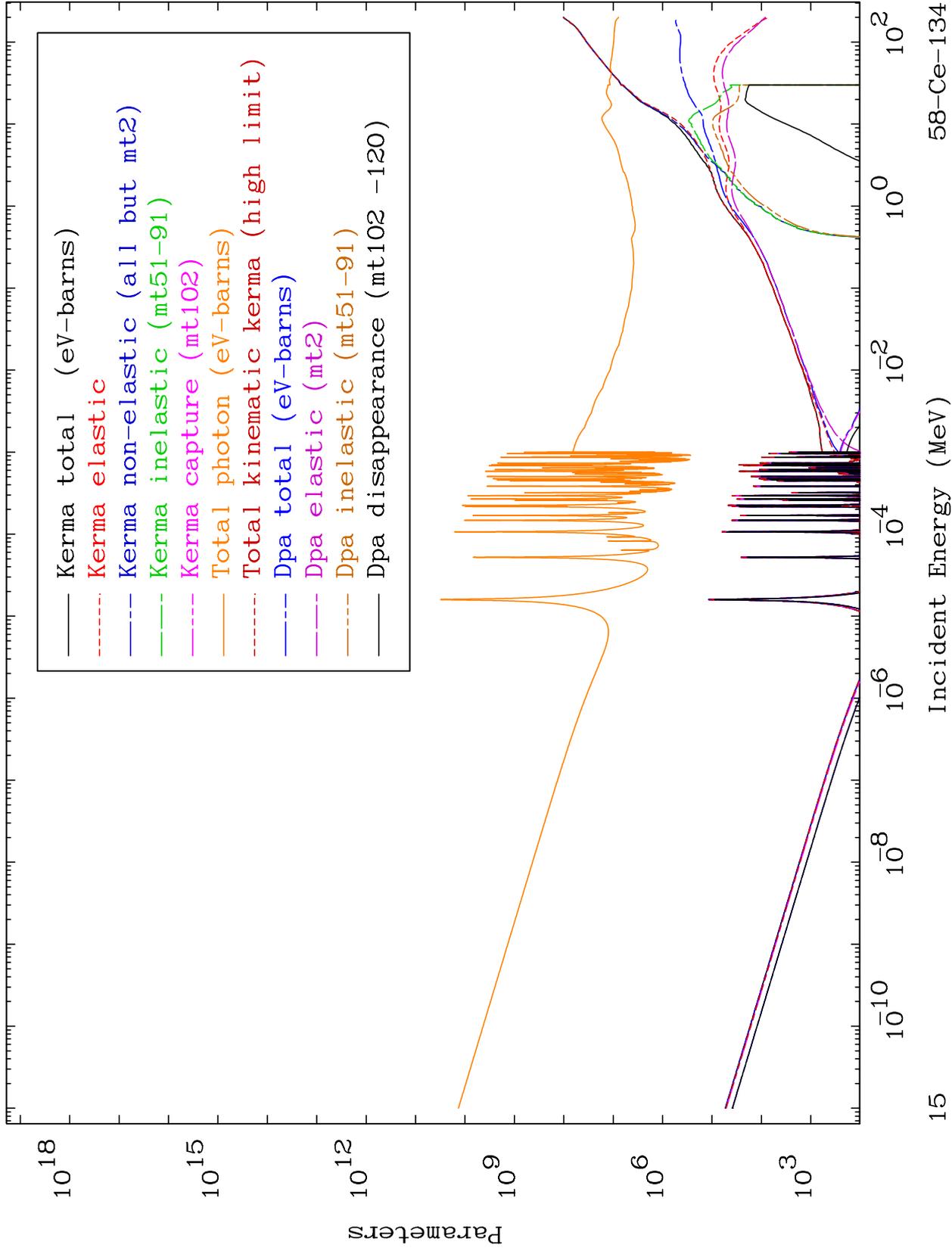
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MAT 5819

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-134

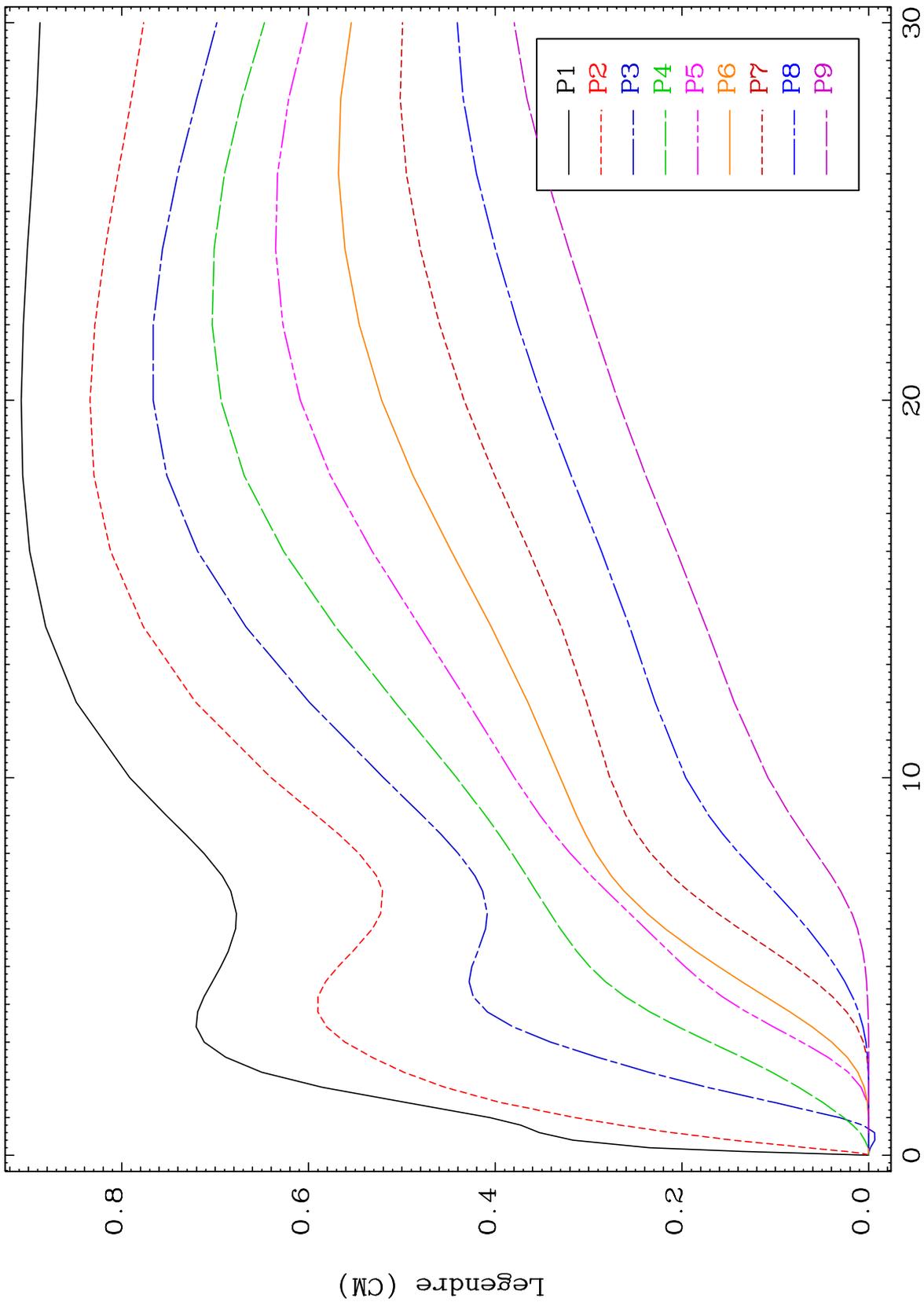




MAT 5819

Elastic Legendre Coefficients

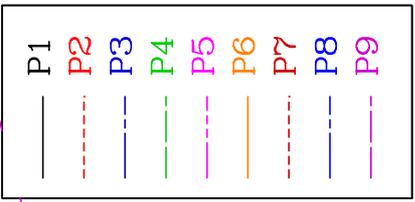
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16

Incident Energy (MeV)

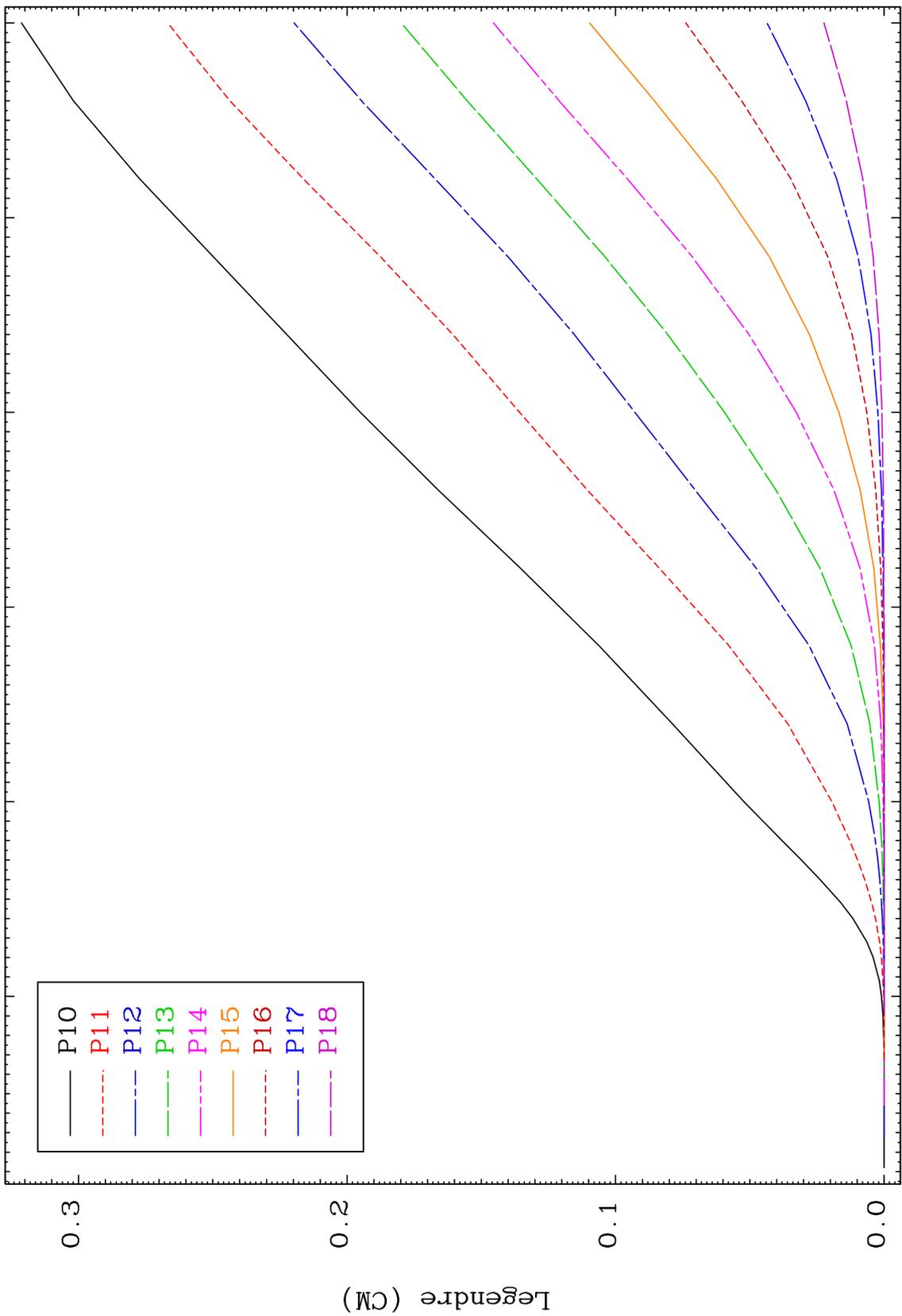
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MAT 5819

Elastic Legendre Coefficients

58-Ce-134



17

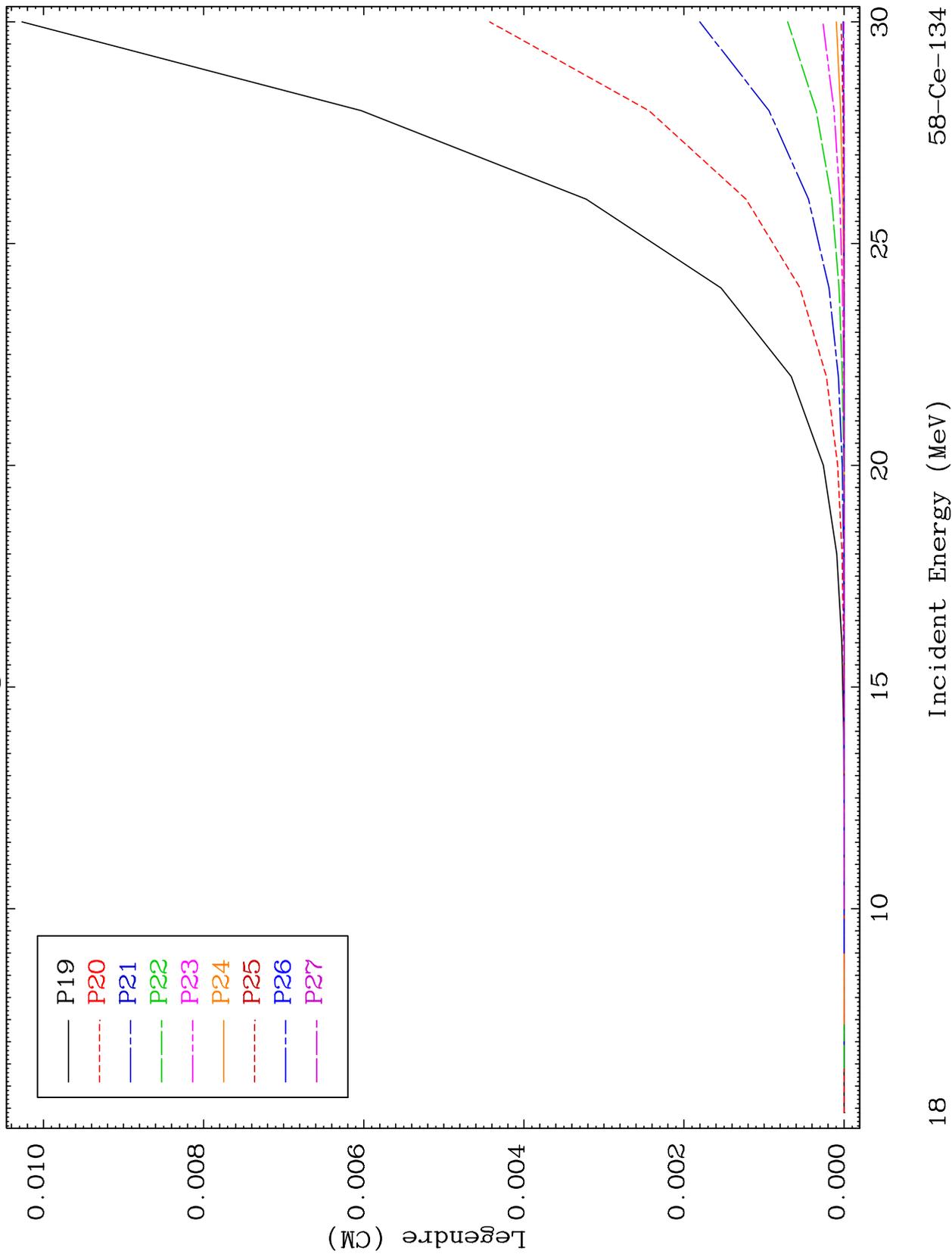
Incident Energy (MeV)

58-Ce-134

MAT 5819

Elastic Legendre Coefficients

58-Ce-134

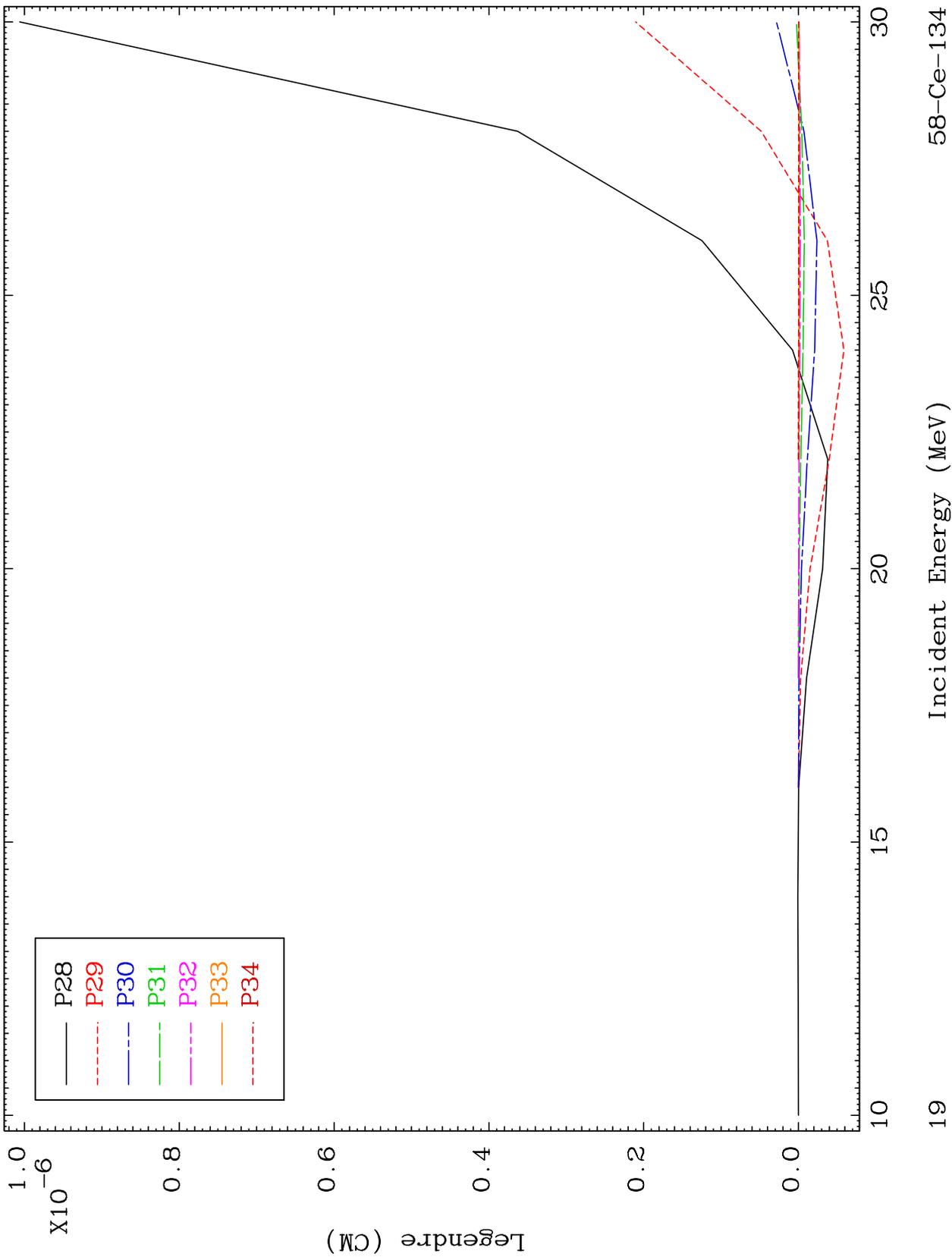


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 5819

Elastic
Legendre Coefficients

58-Ce-134



19

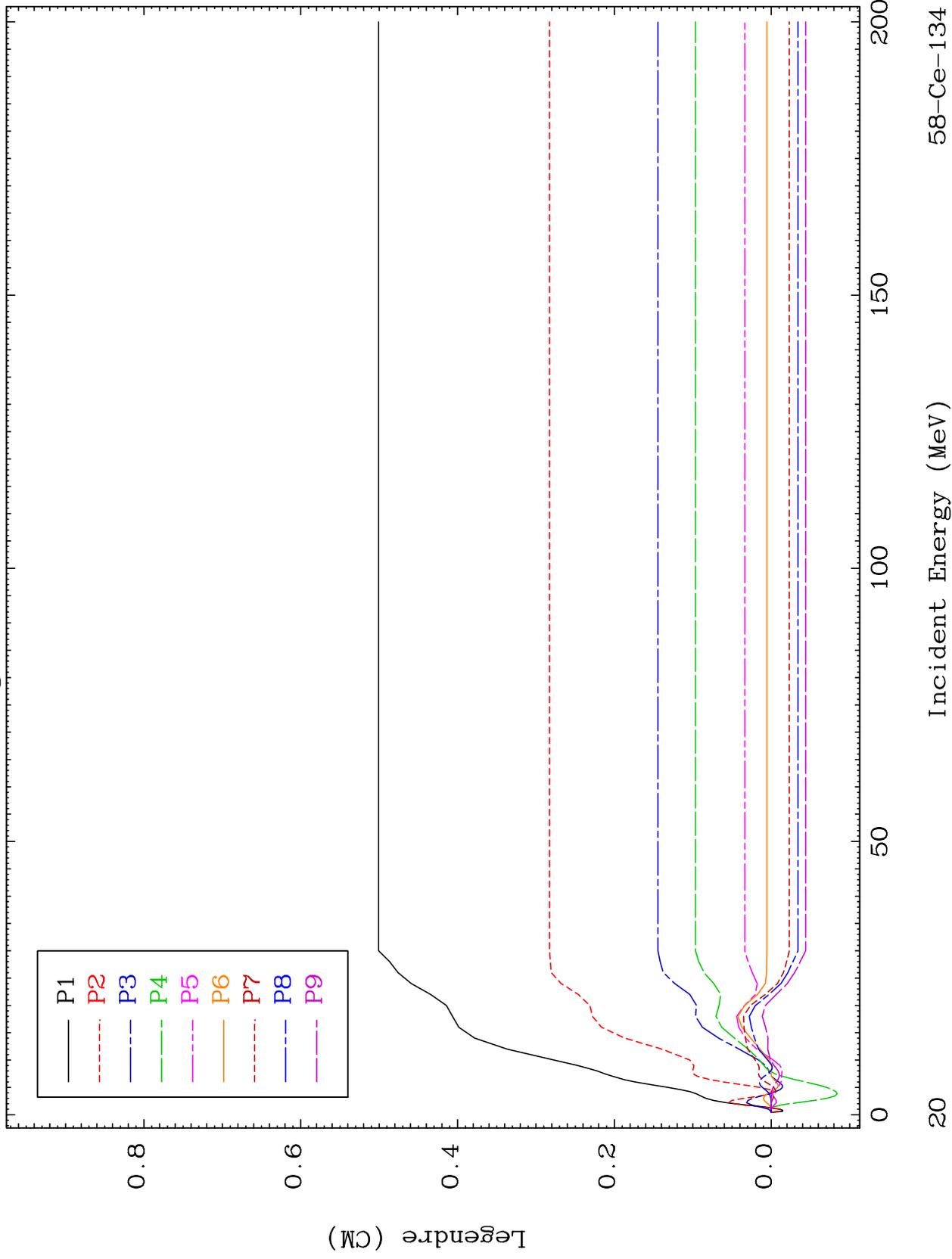
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



58-Ce-134

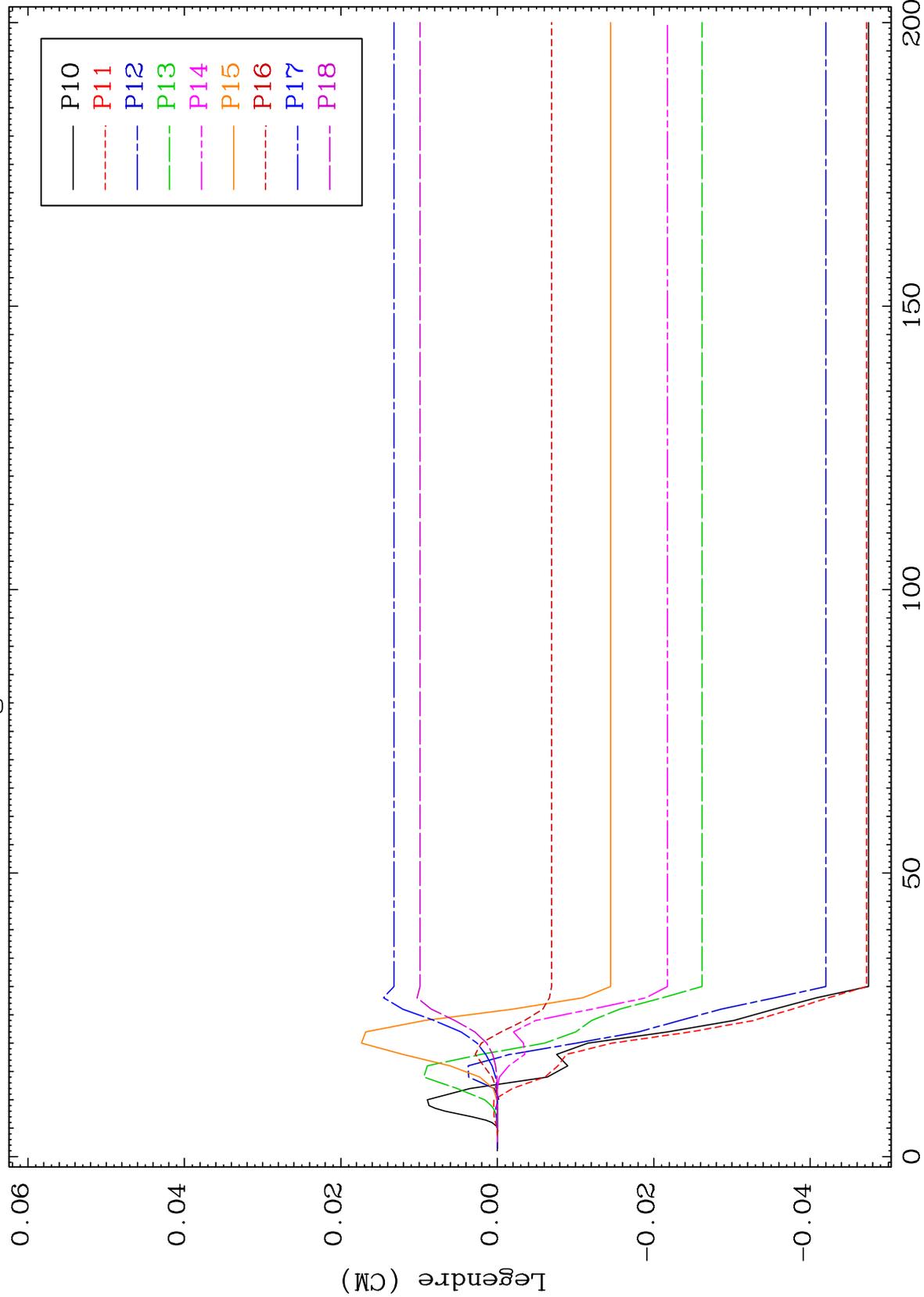
Incident Energy (MeV)

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MAT 5819

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

58-Ce-134



21

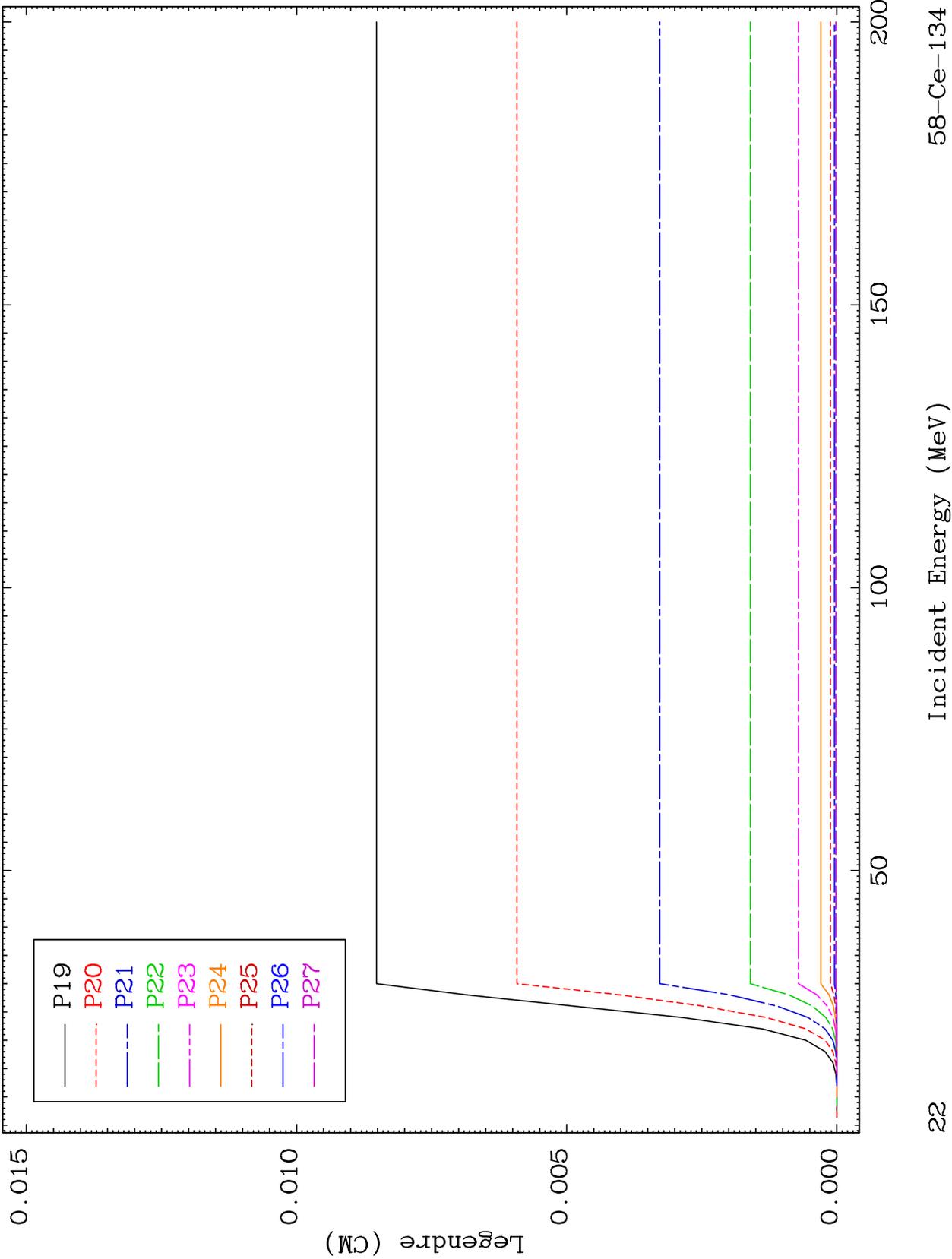
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

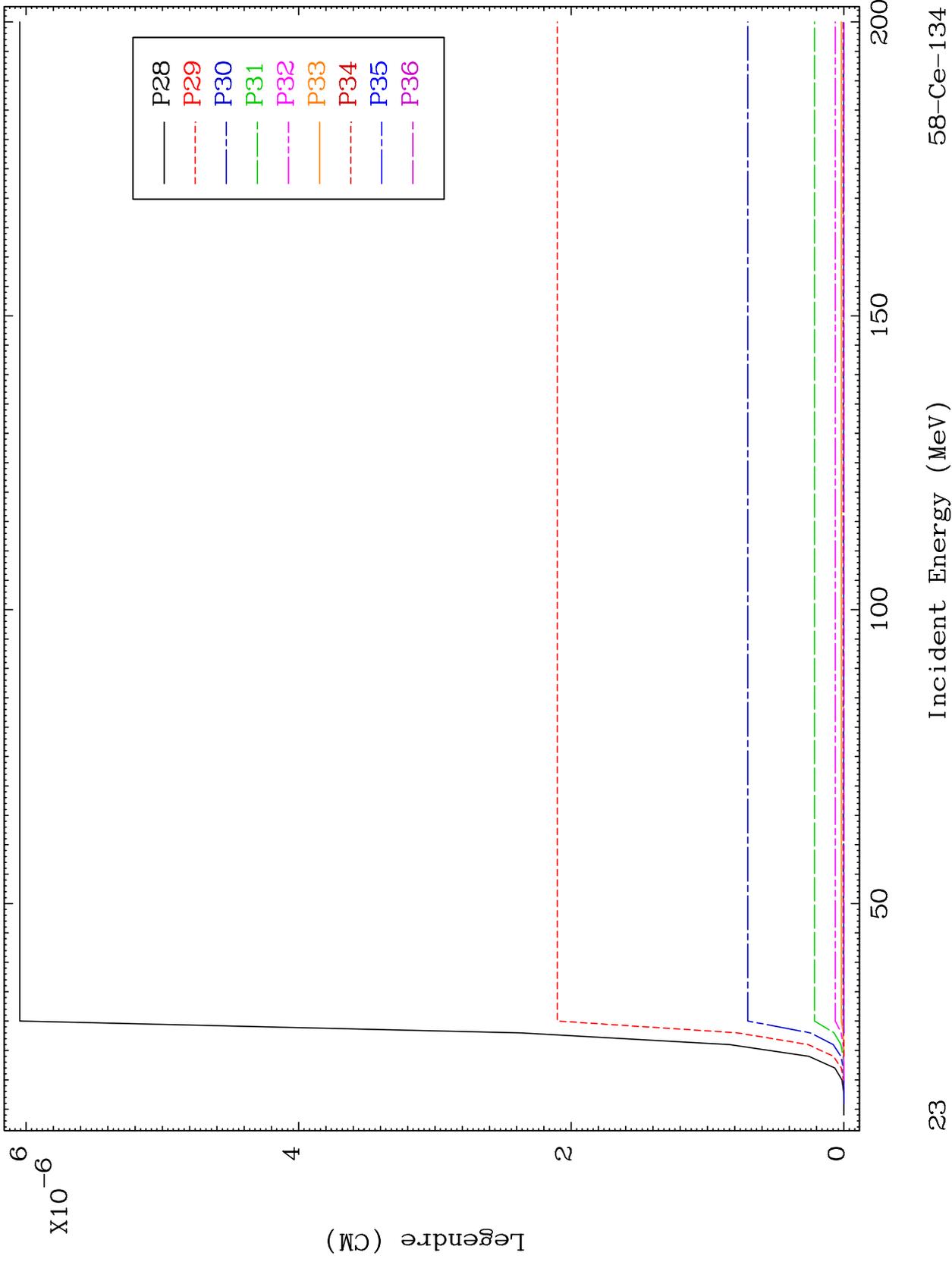
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MAT 5819

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

58-Ce-134



23

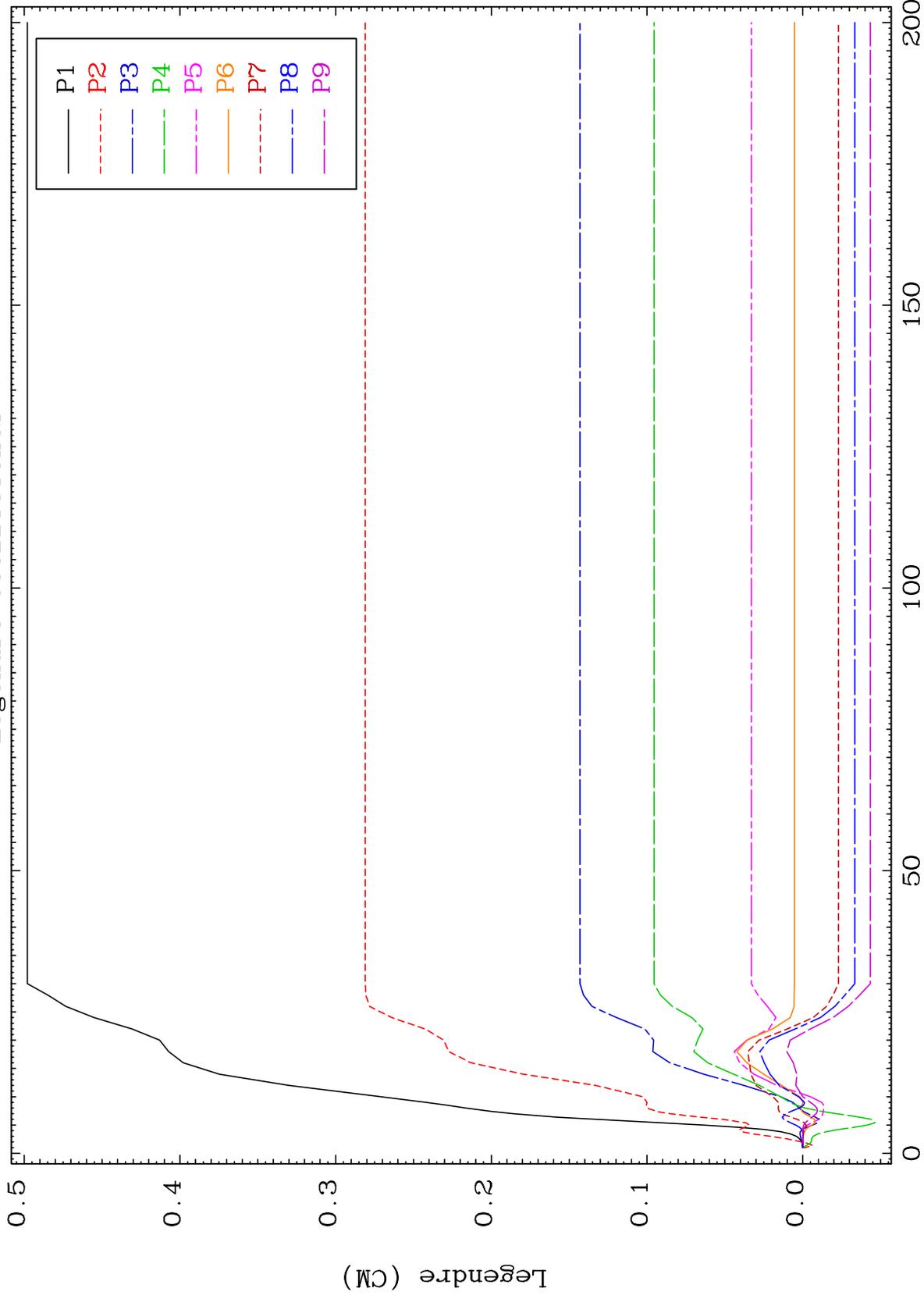
Incident Energy (MeV)

58-Ce-134

MAT 5819

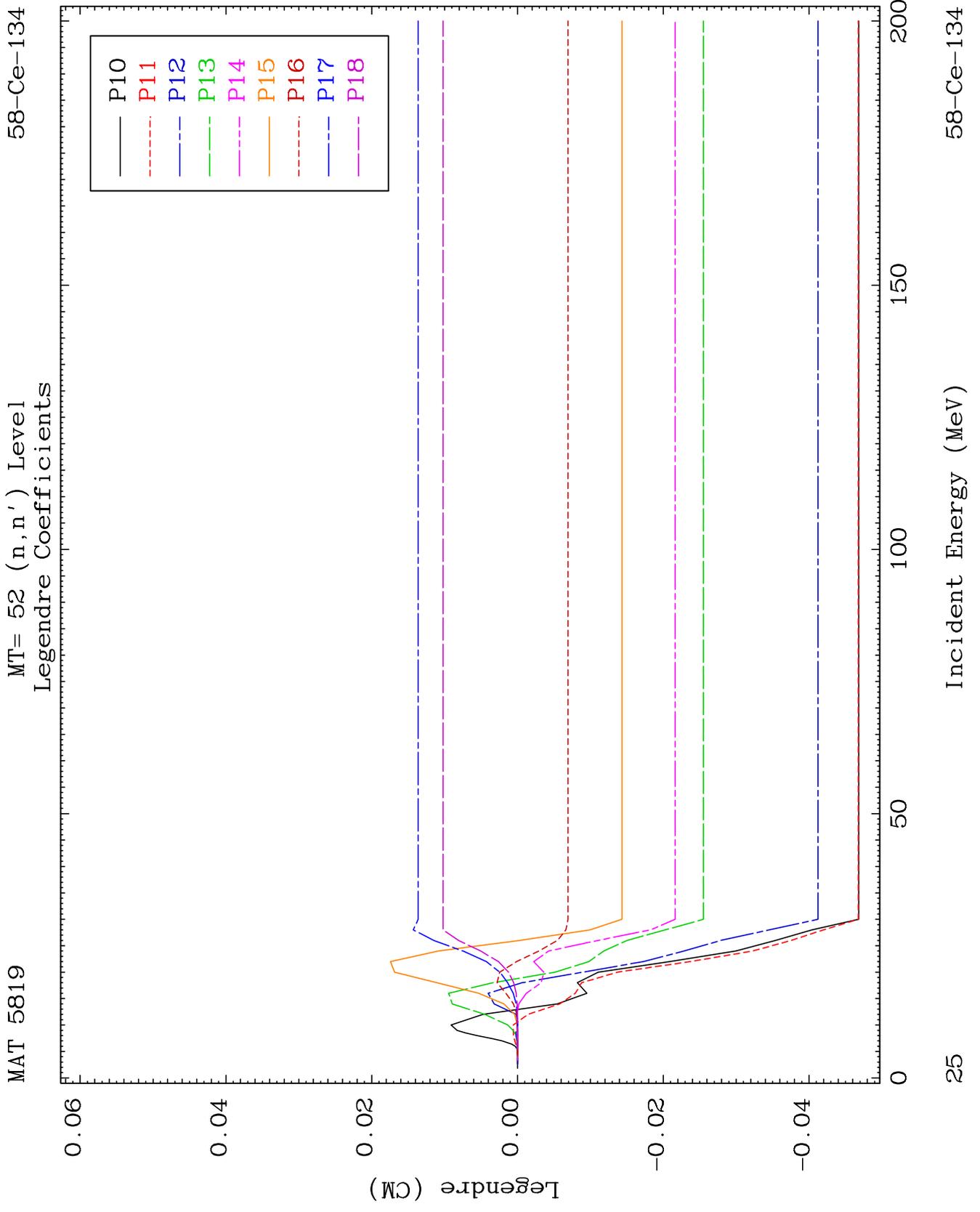
MT= 52 (n,n') Level
Legendre Coefficients

58-Ce-134



24

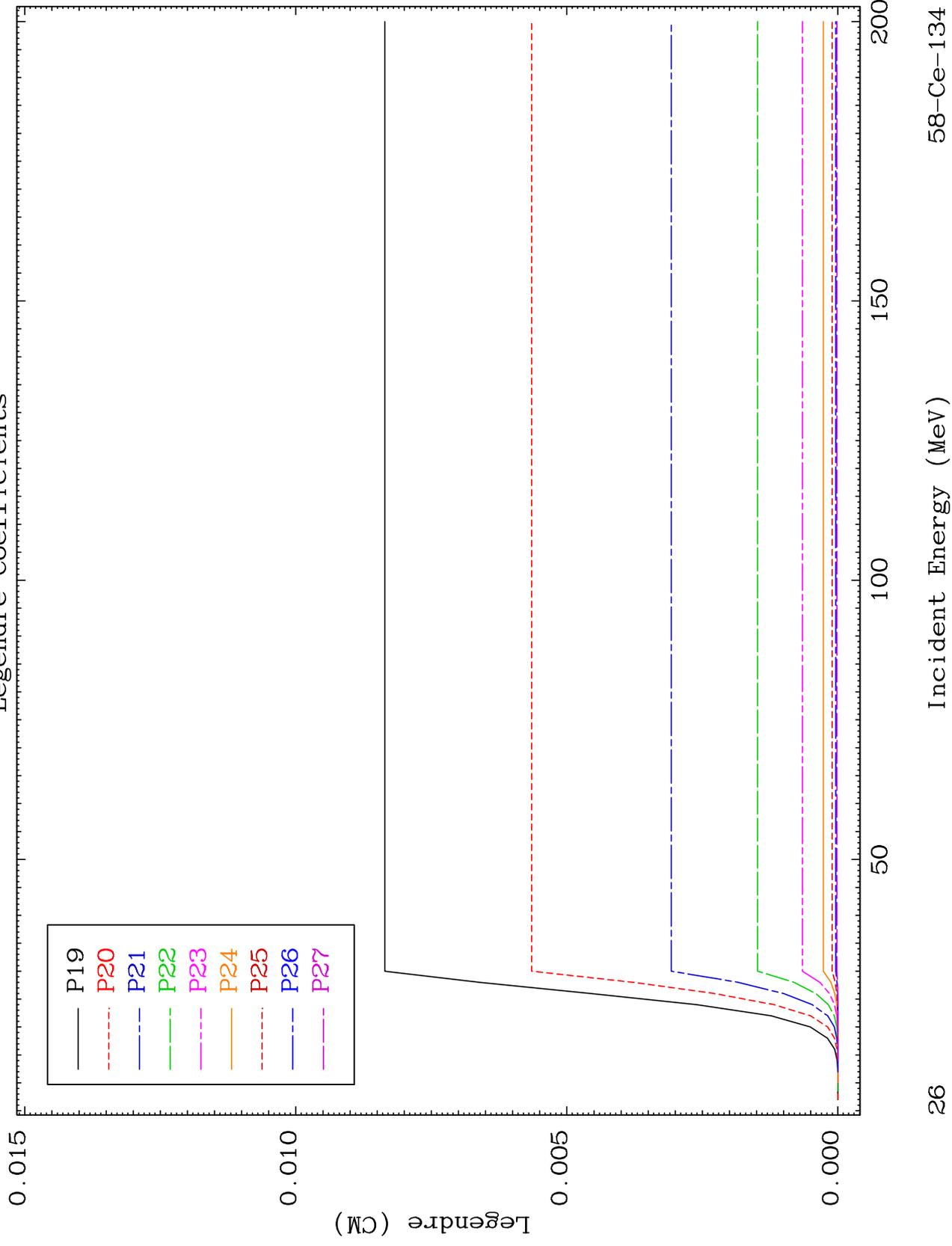
58-Ce-134



MAT 5819

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

58-Ce-134



26

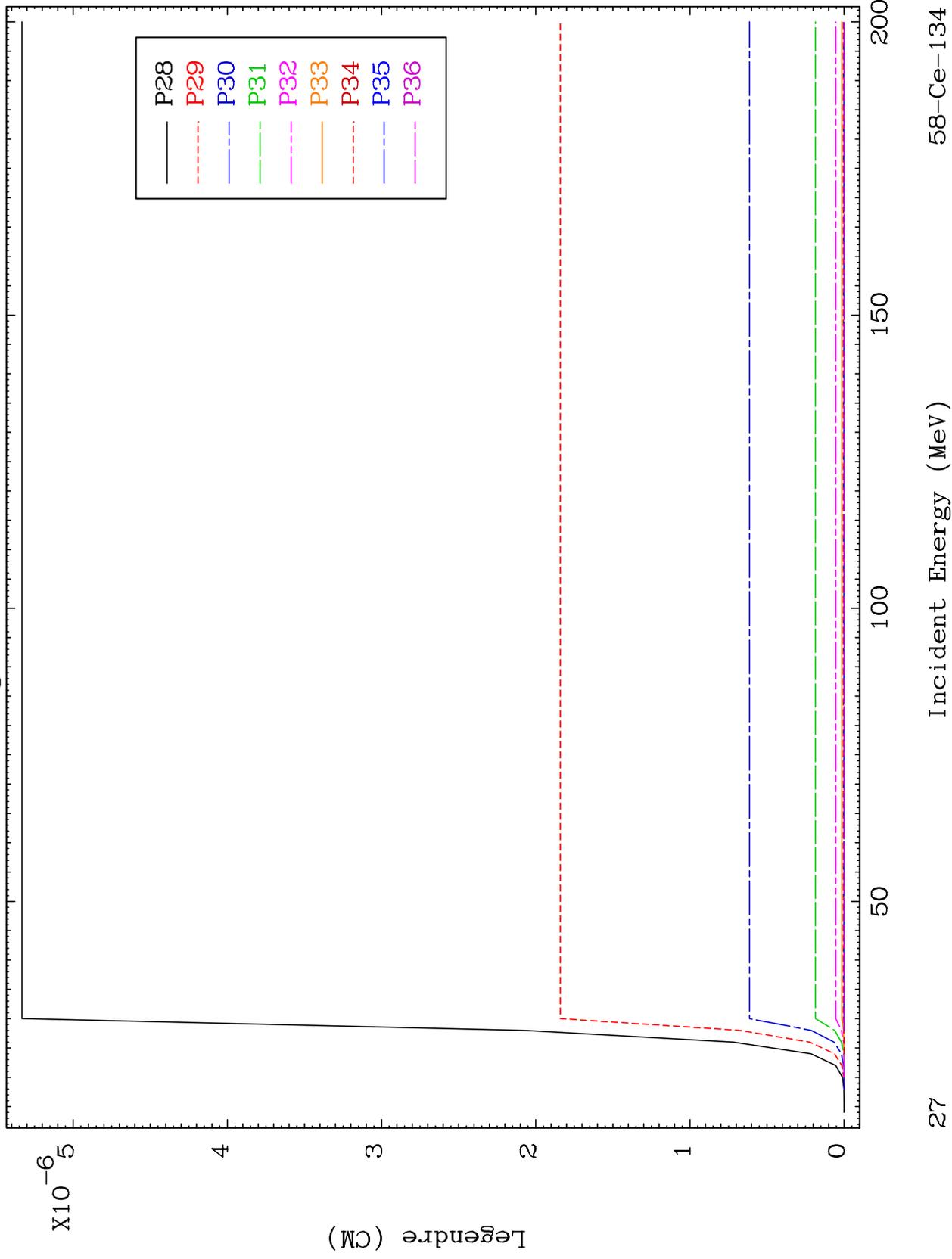
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

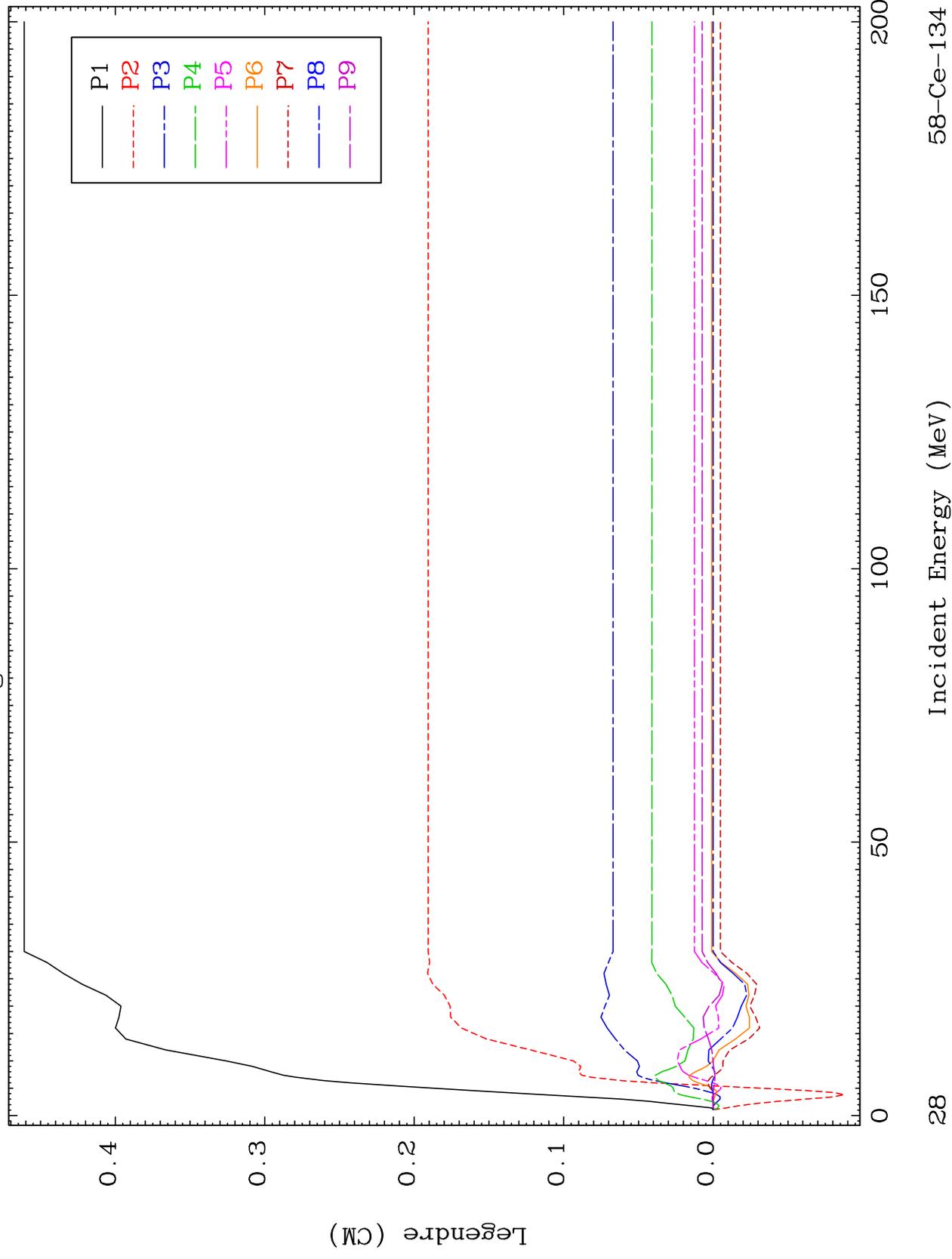
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

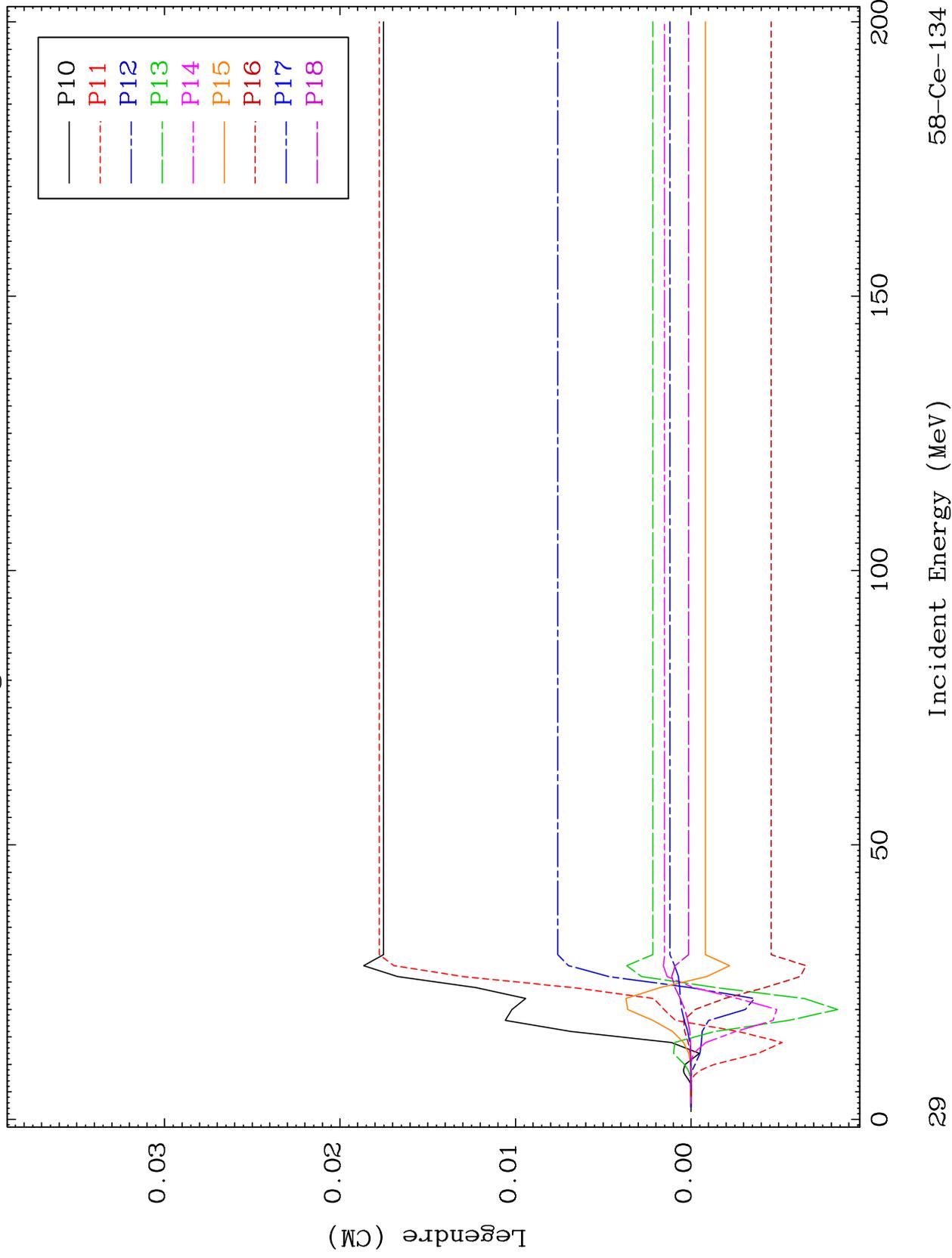
Incident Energy (MeV)

28

MAT 5819

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

58-Ce-134



58-Ce-134

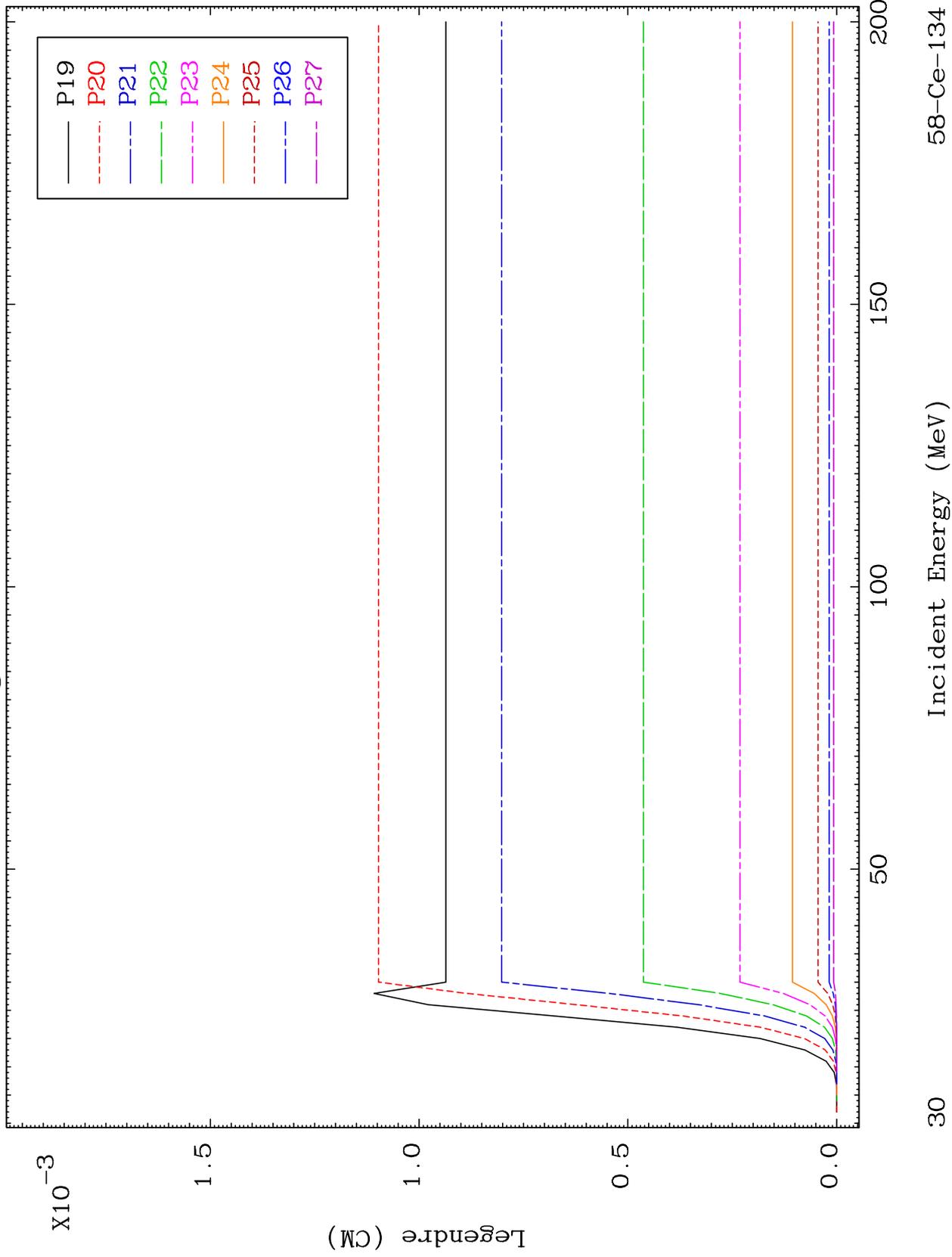
Incident Energy (MeV)

29

MAT 5819

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

58-Ce-134



30

50

100

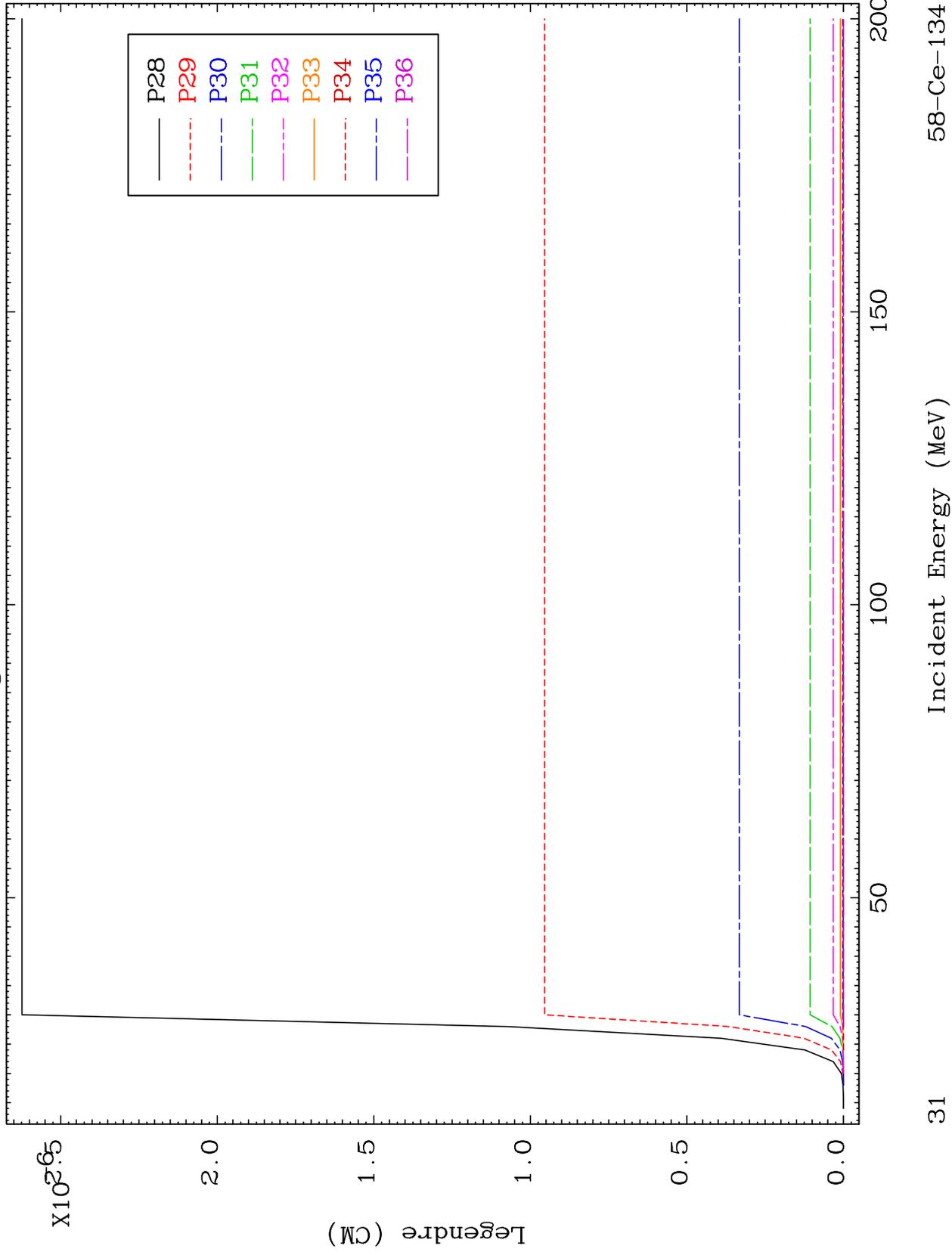
150

200

MAT 5819

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

58-Ce-134



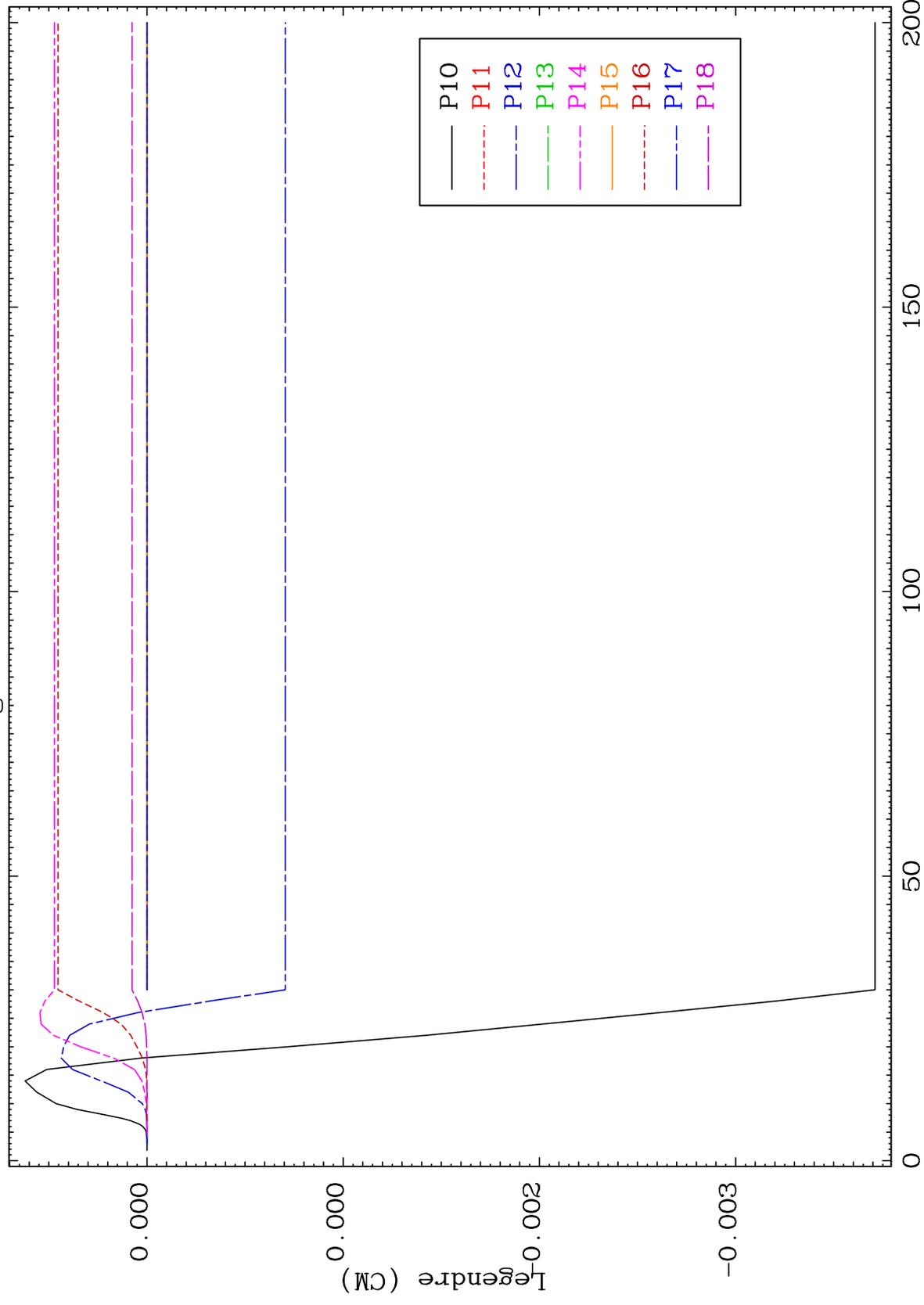
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58-Ce-134

MAT 5819

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

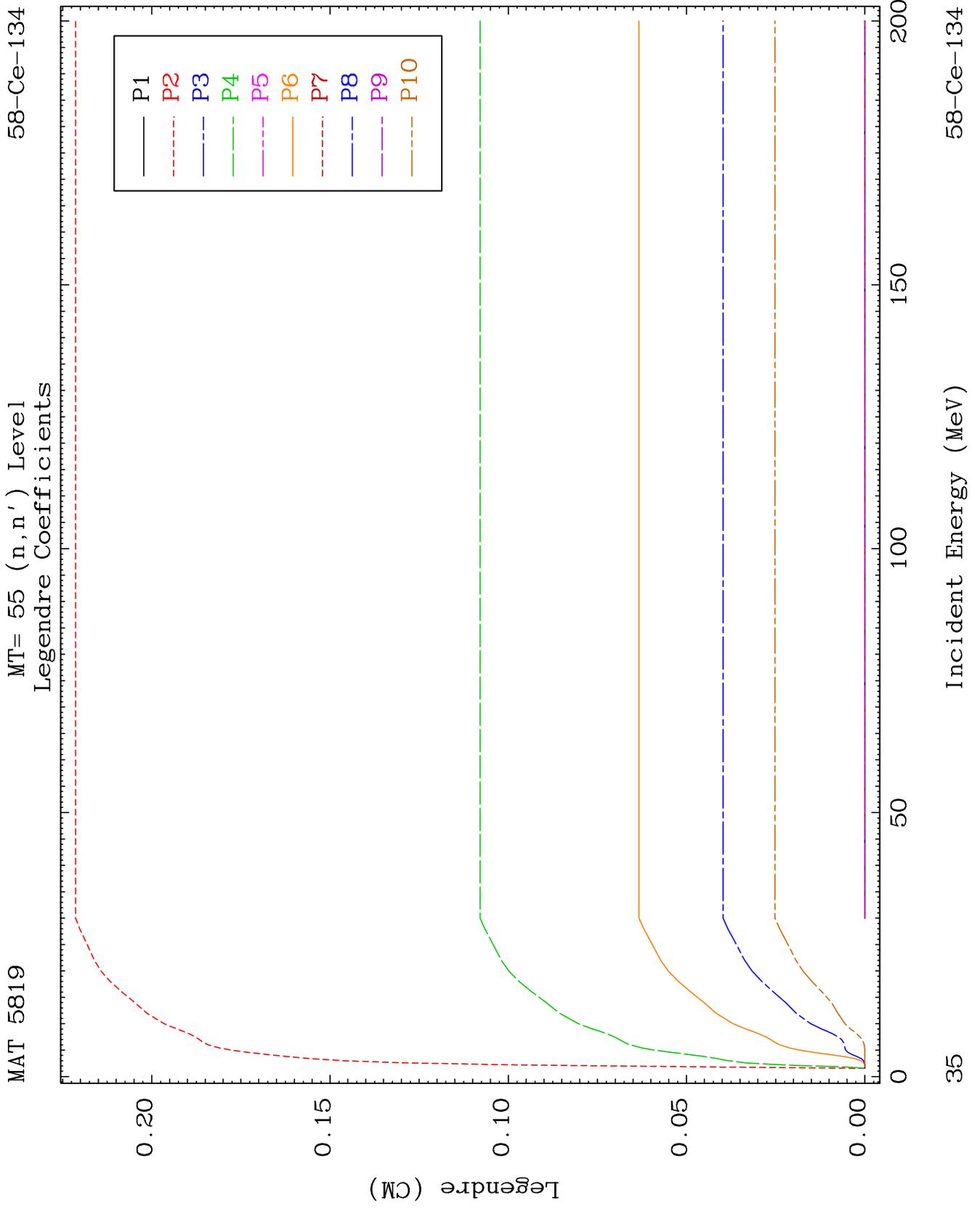
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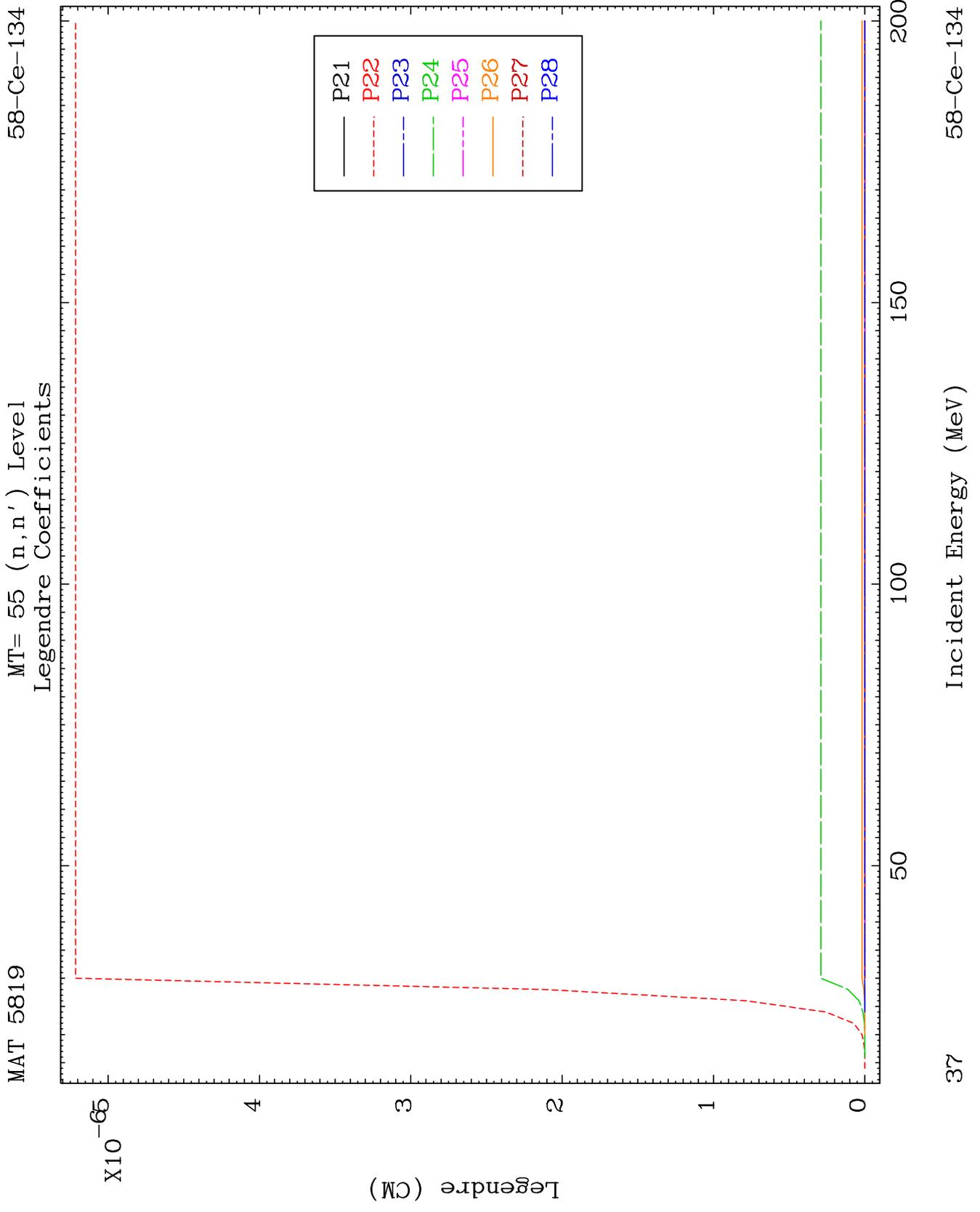


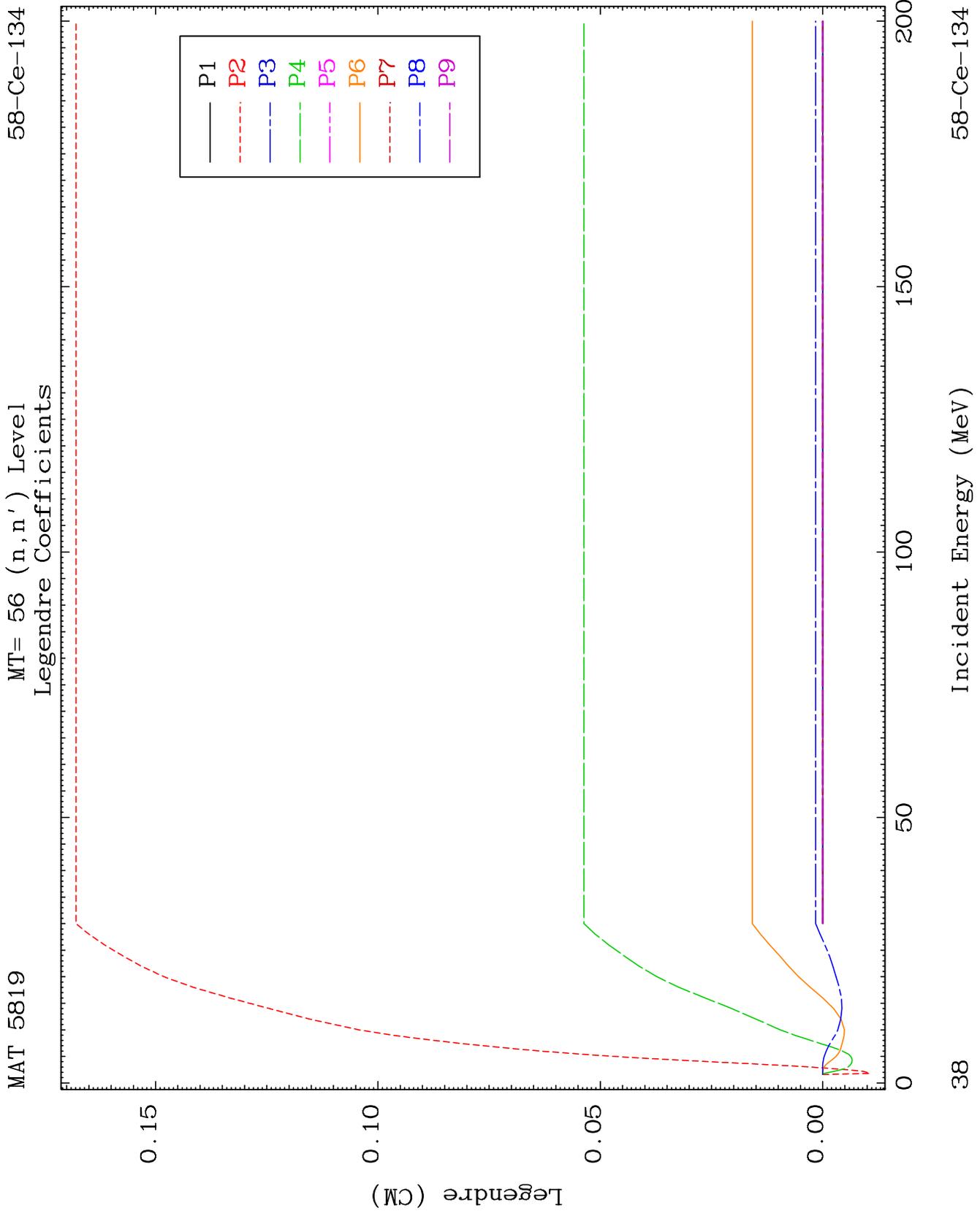
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Incident Energy (MeV)

58-Ce-134



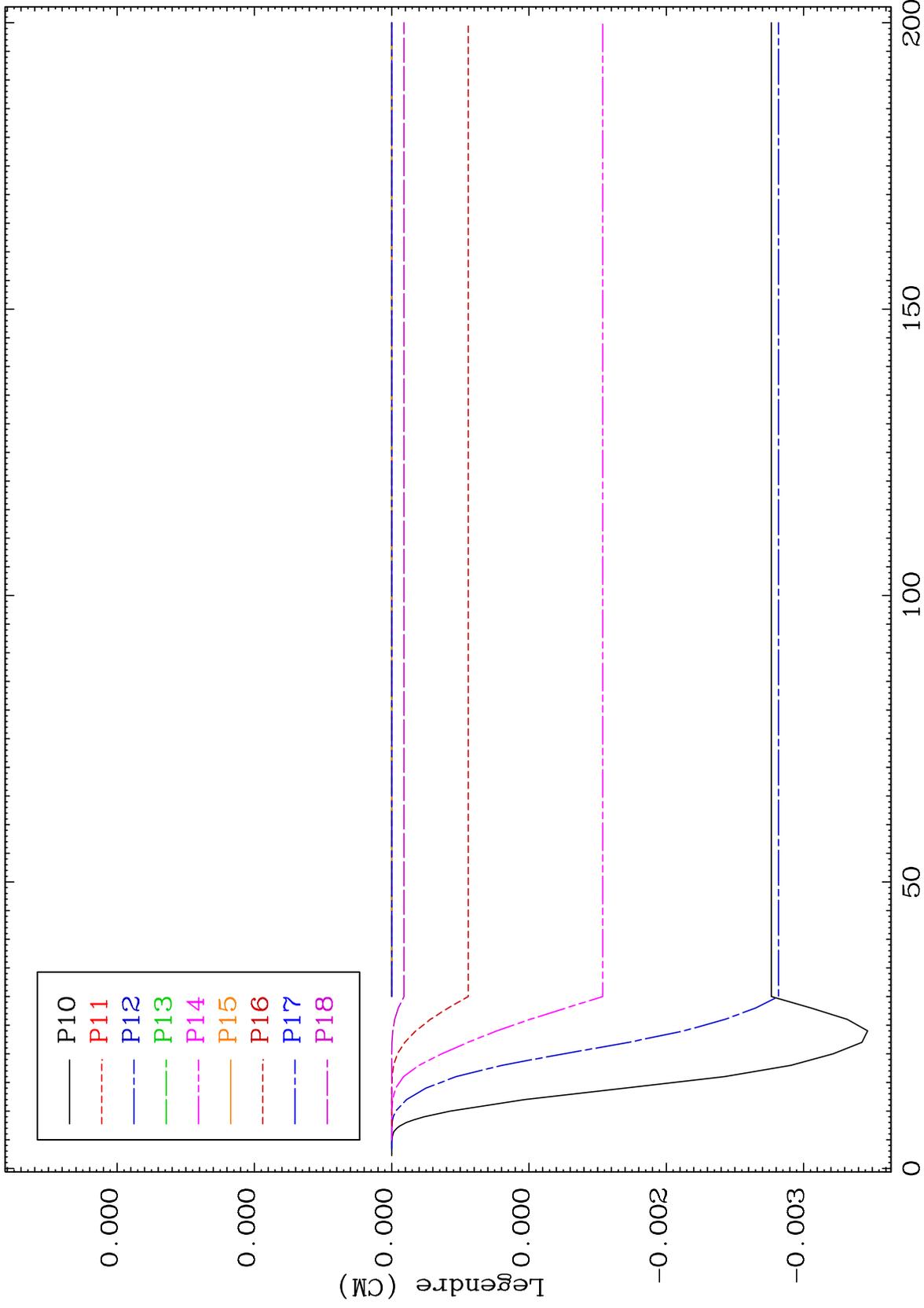




MAT 5819

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

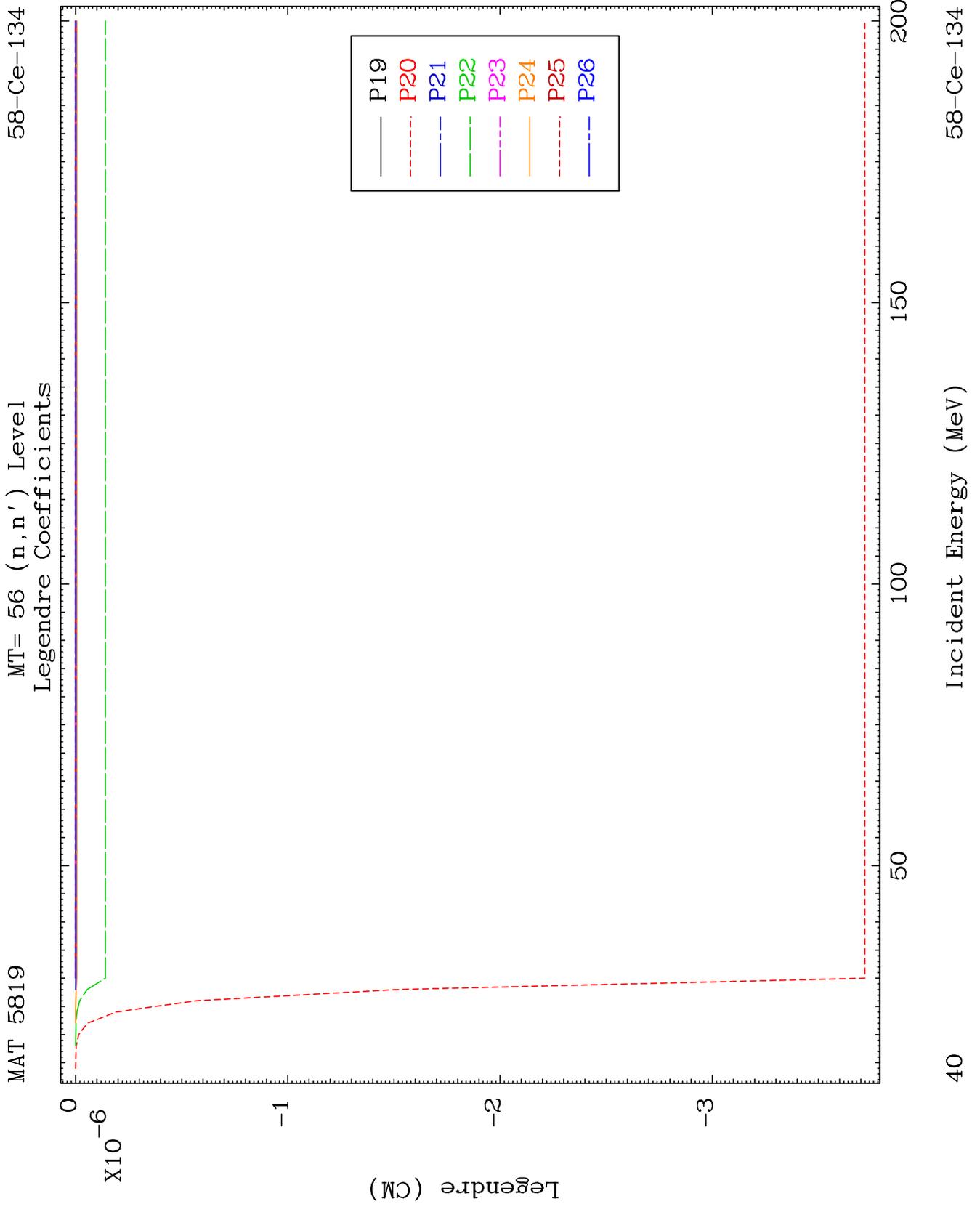
58-Ce-134



39

Incident Energy (MeV)

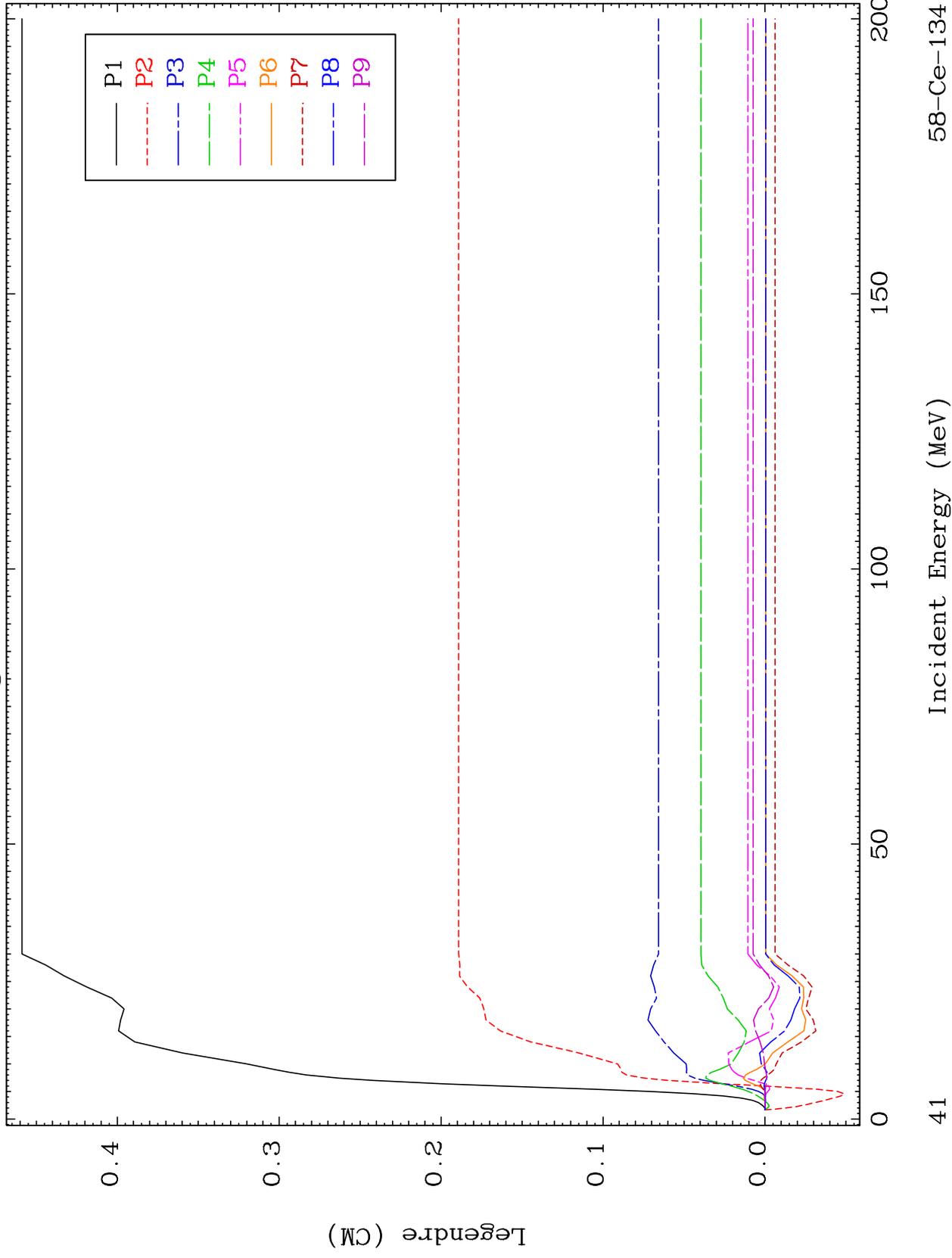
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MAT 5819

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

58-Ce-134



58-Ce-134

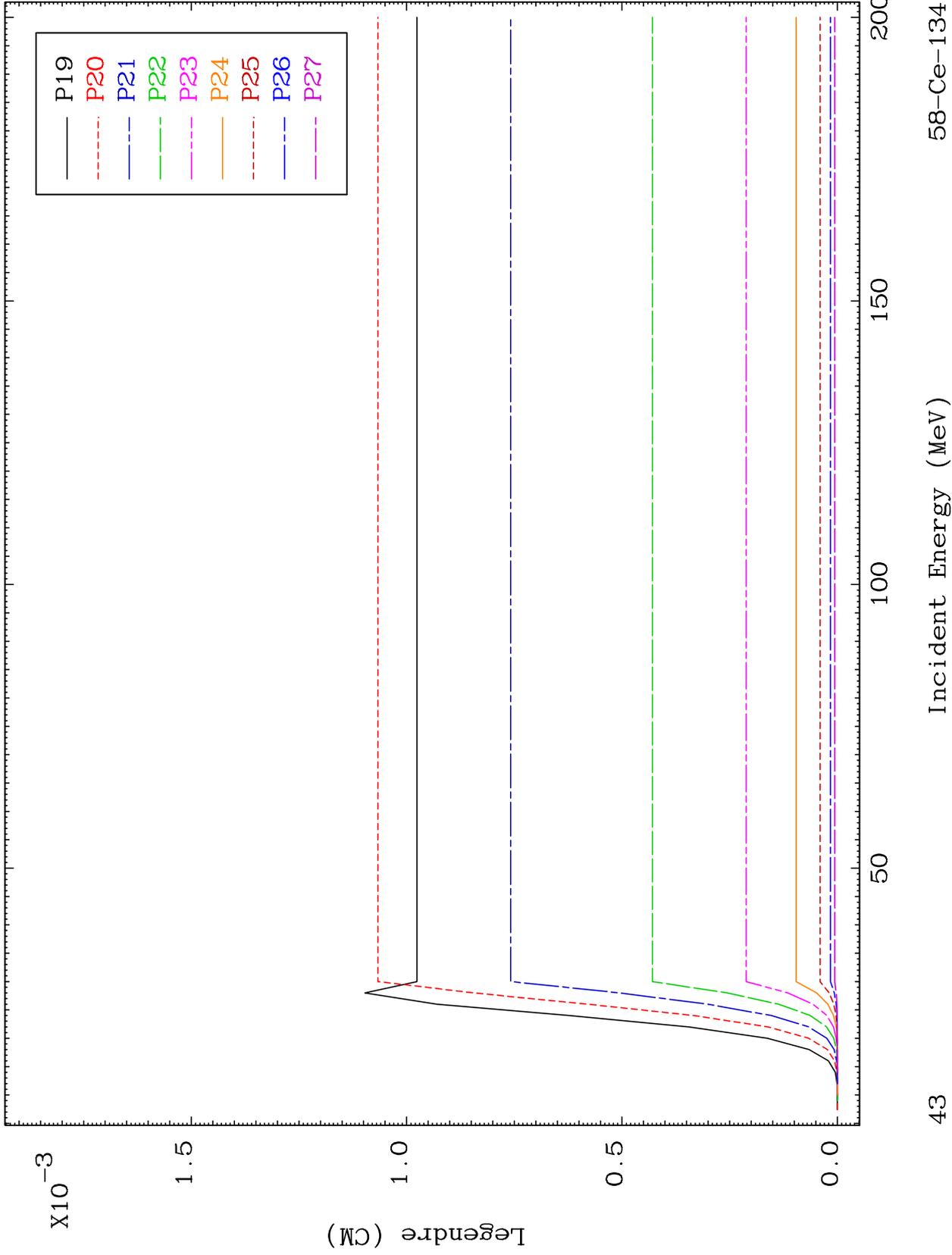
Incident Energy (MeV)

41

MAT 5819

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

58-Ce-134



43

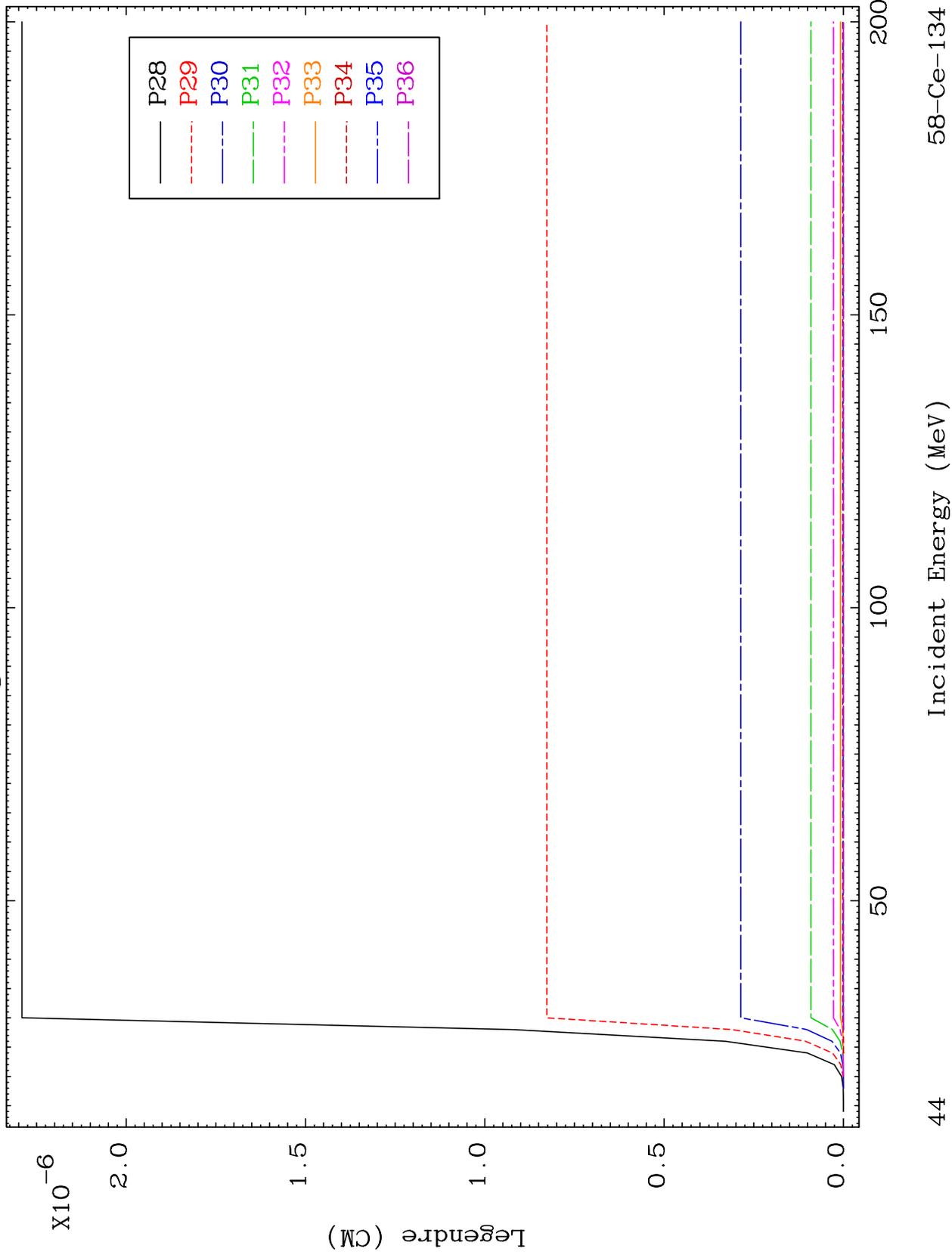
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



44

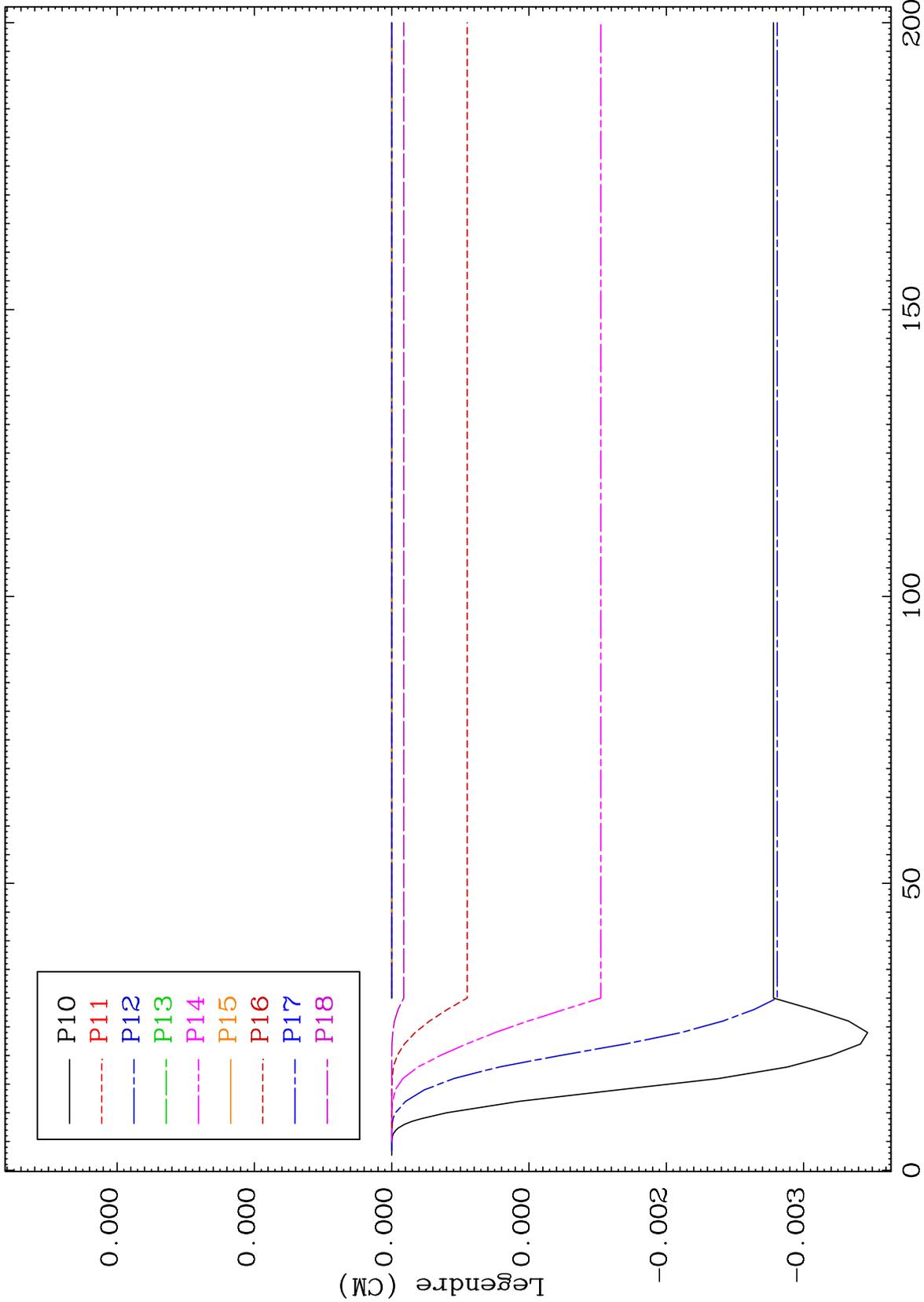
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

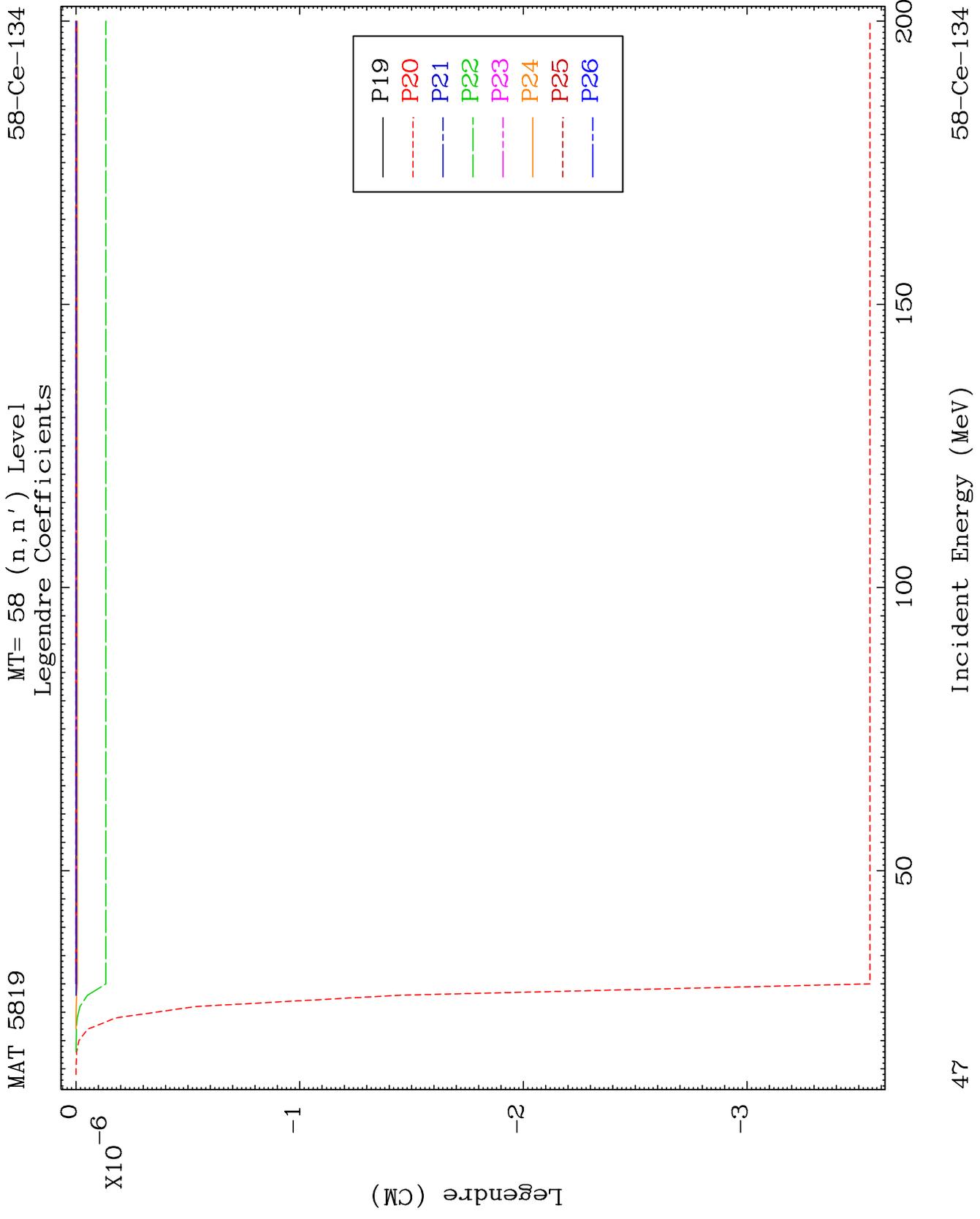
58-Ce-134



46

Incident Energy (MeV)

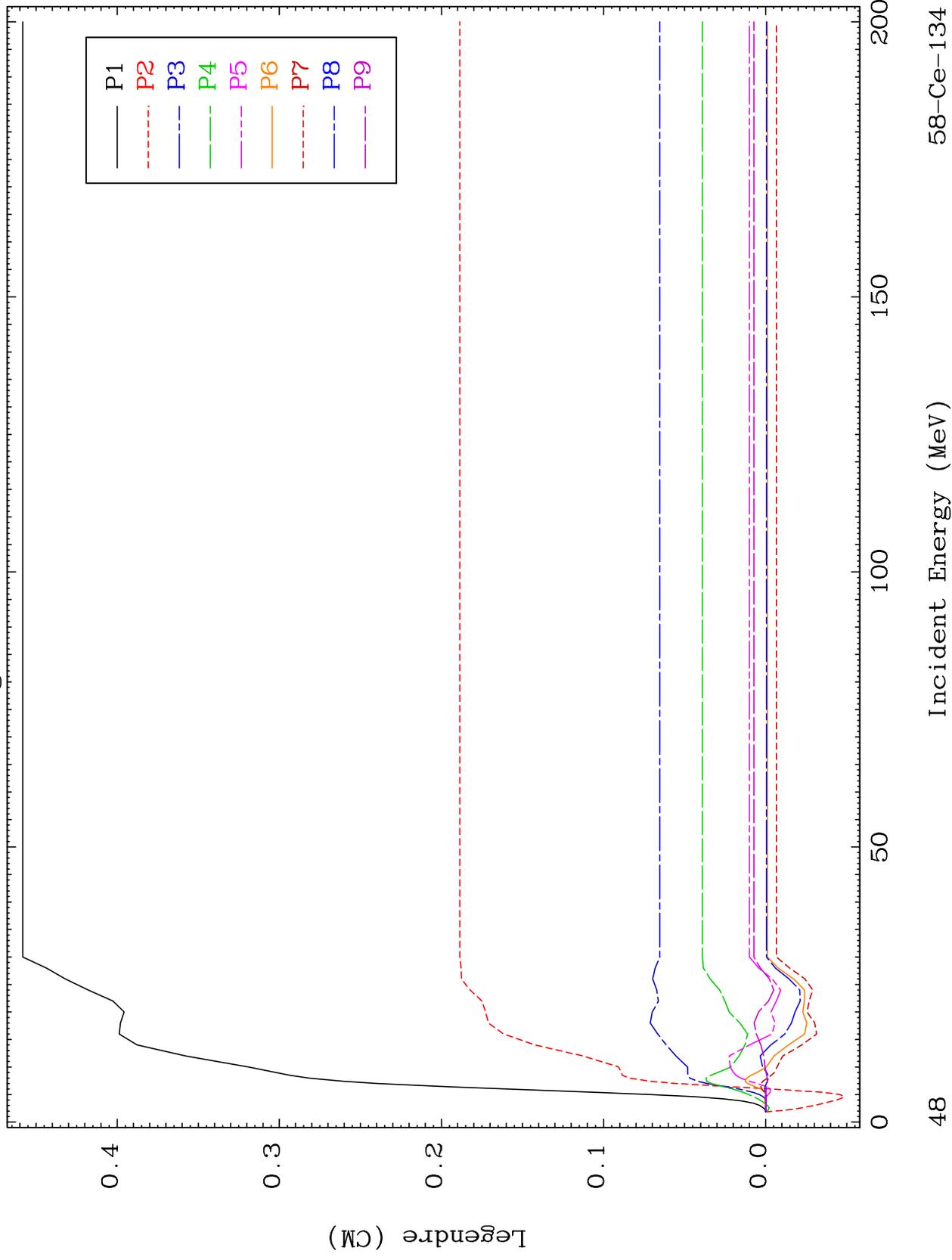
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

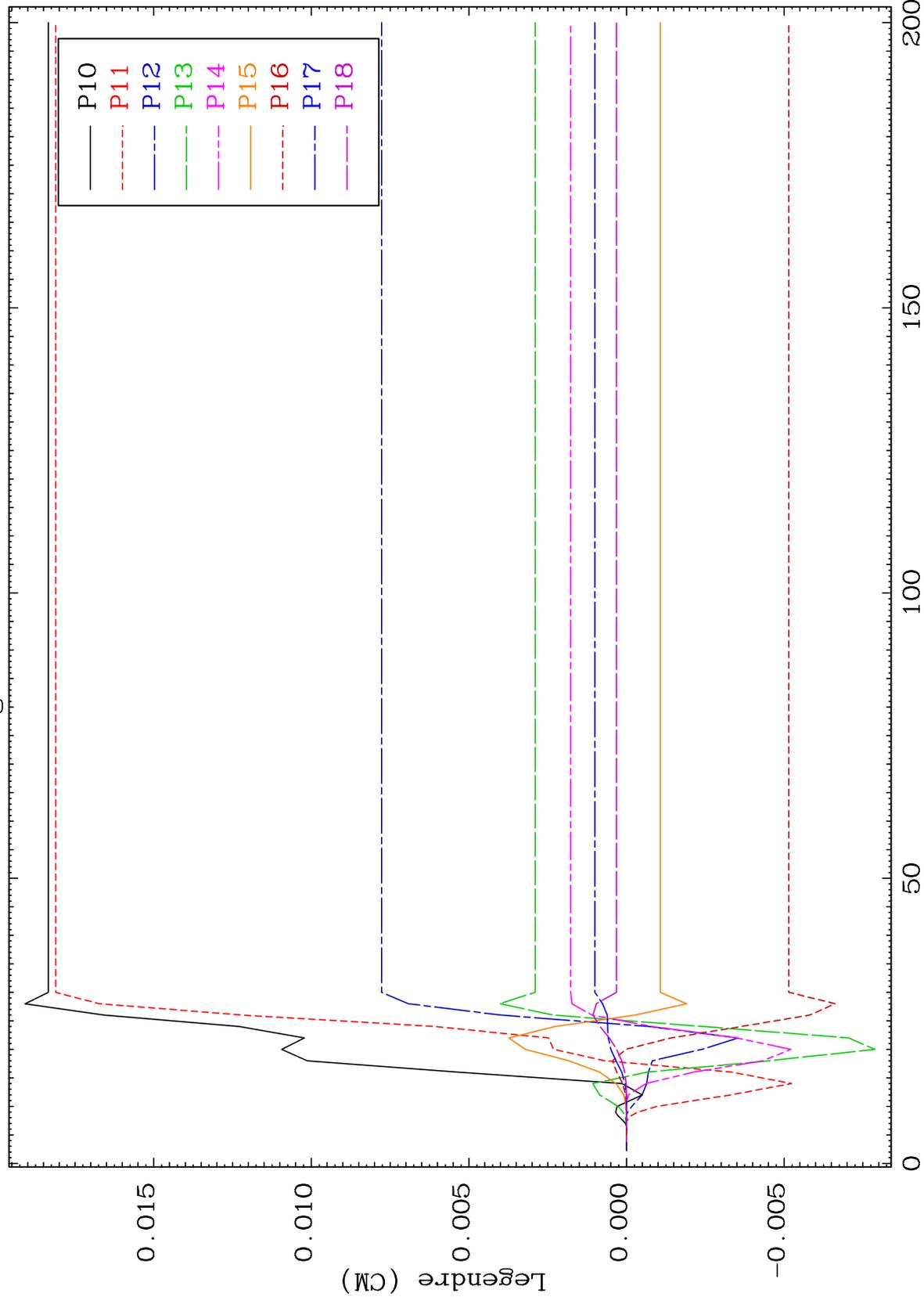
Incident Energy (MeV)

48

MAT 5819

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

58-Ce-134



49

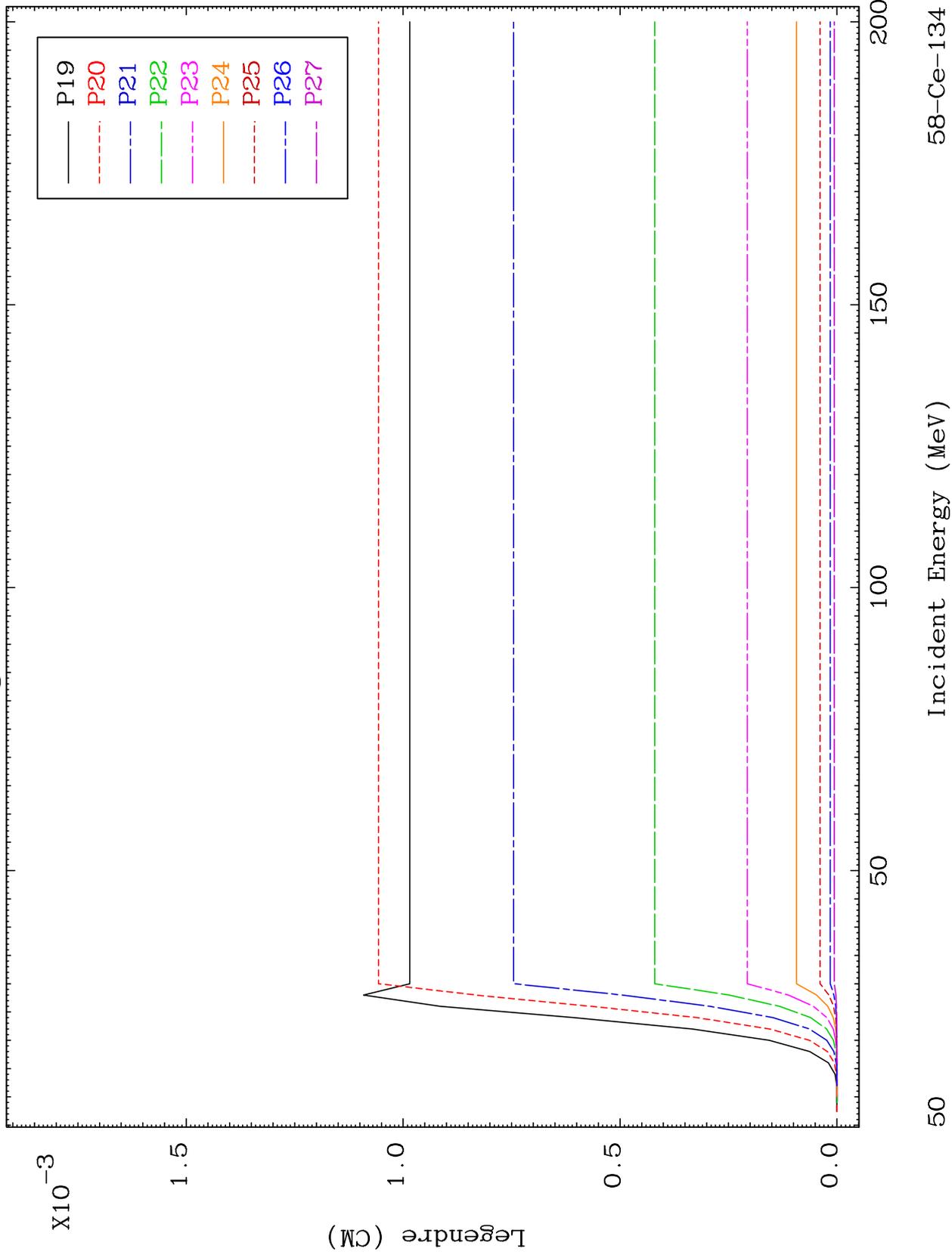
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

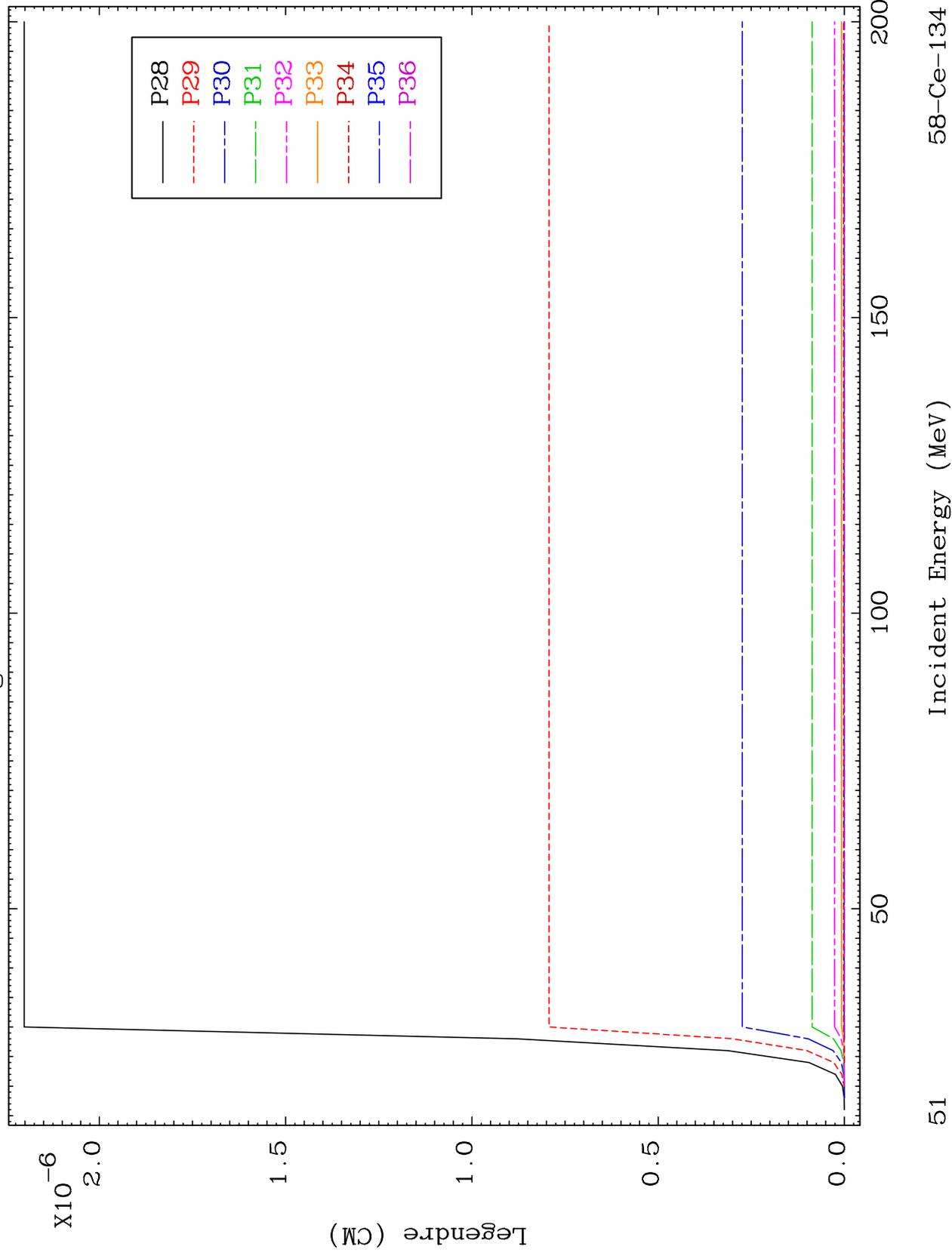
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MAT 5819

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

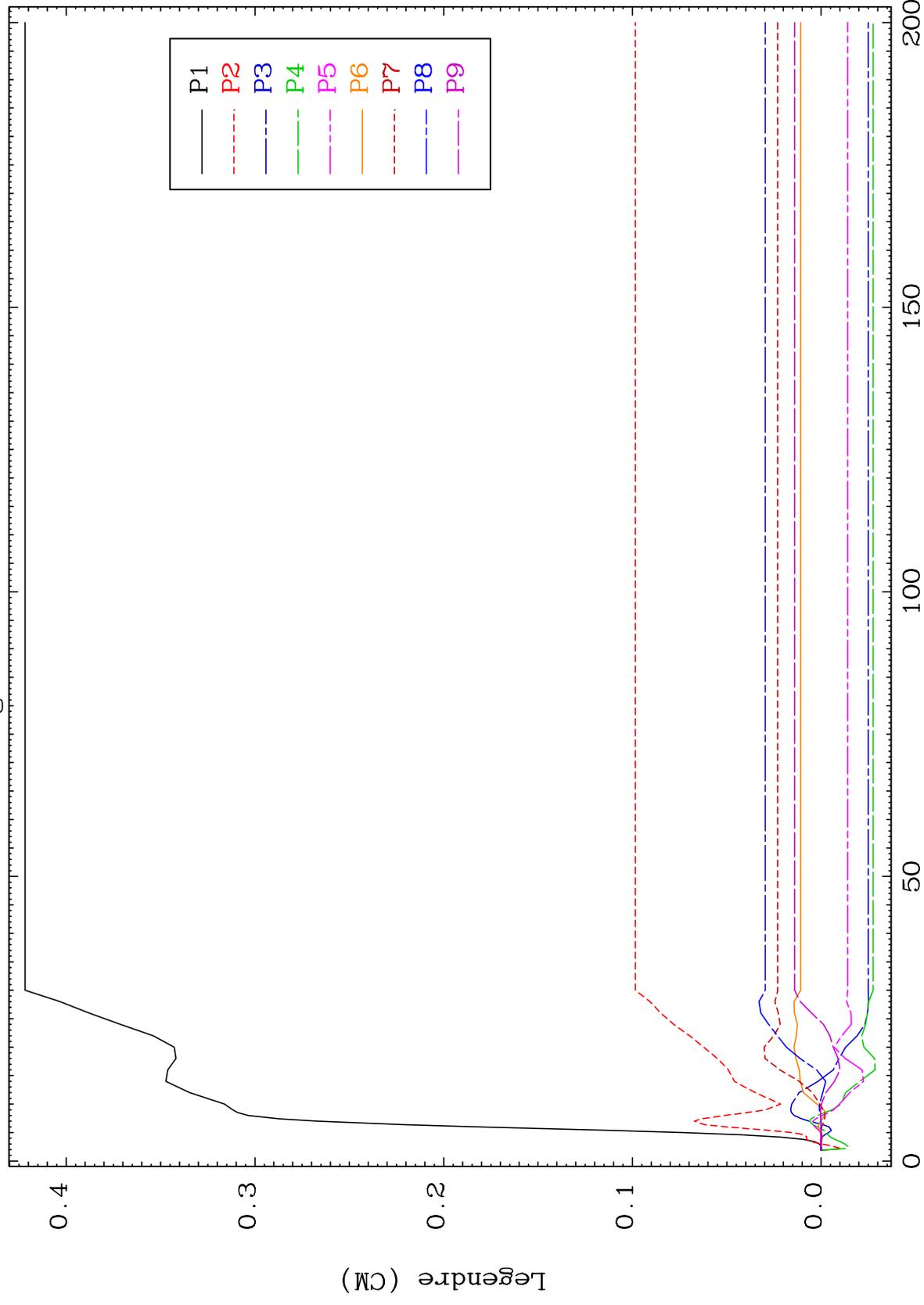
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

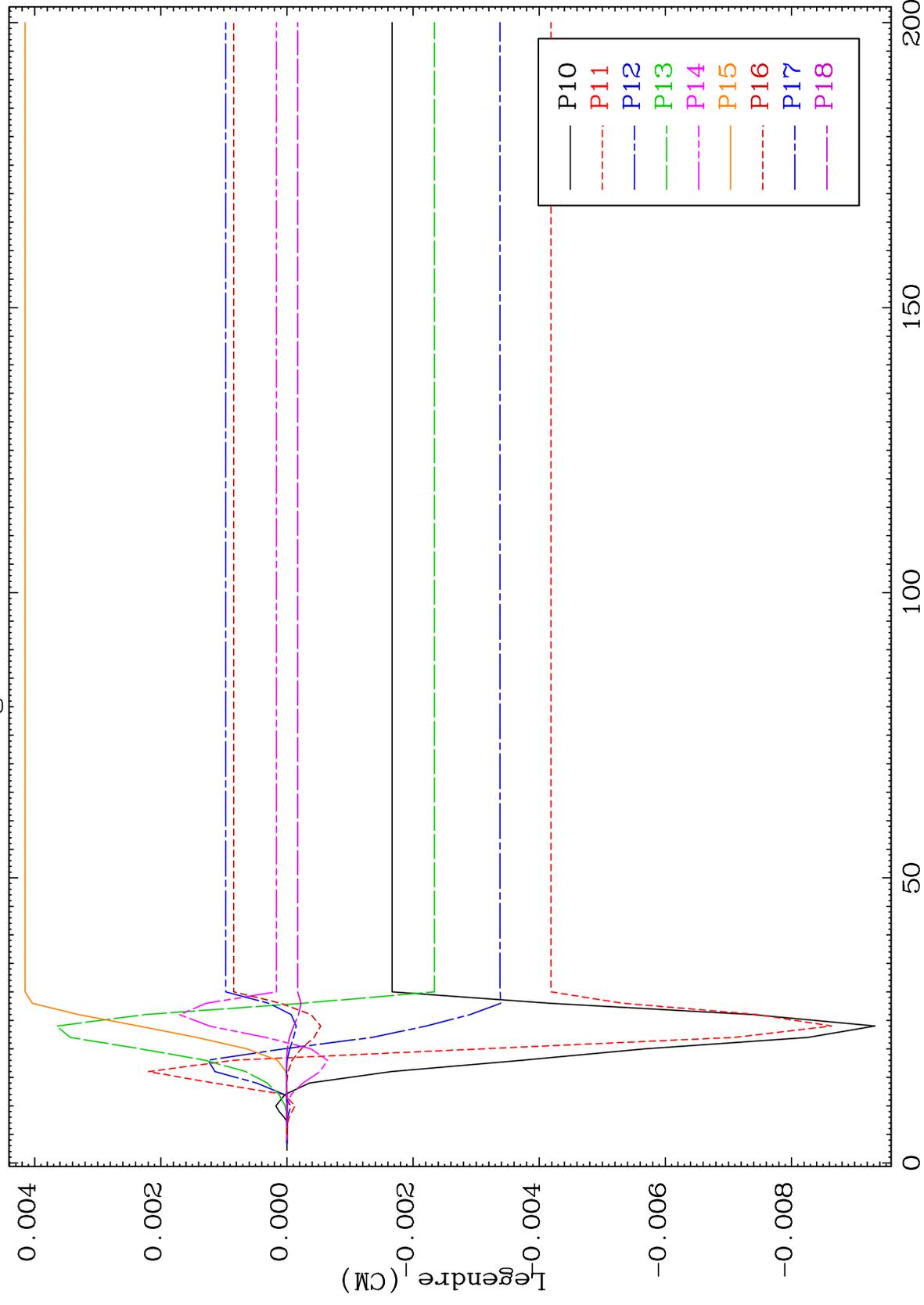
Incident Energy (MeV)

52

MAT 5819

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

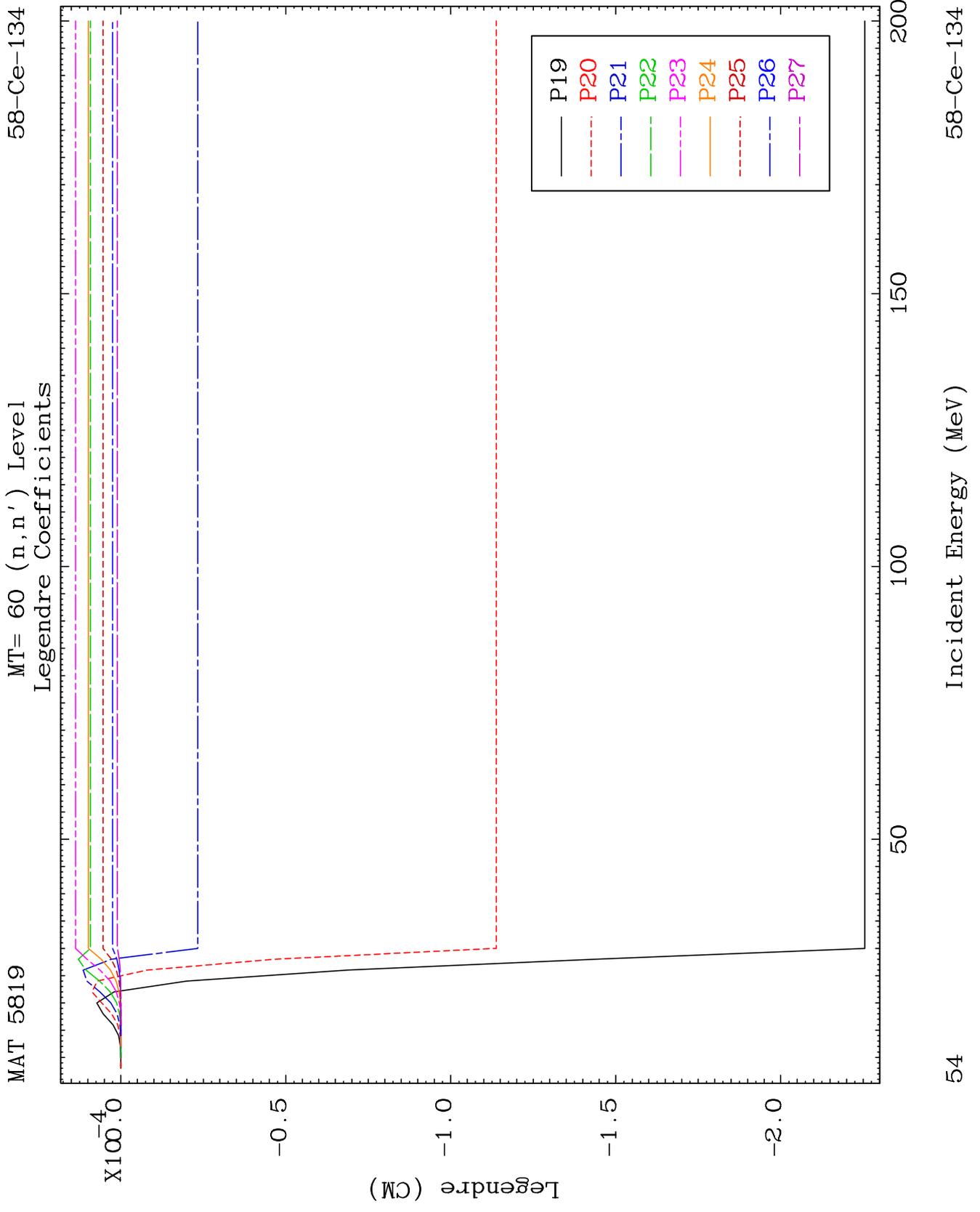
58-Ce-134



53

Incident Energy (MeV)

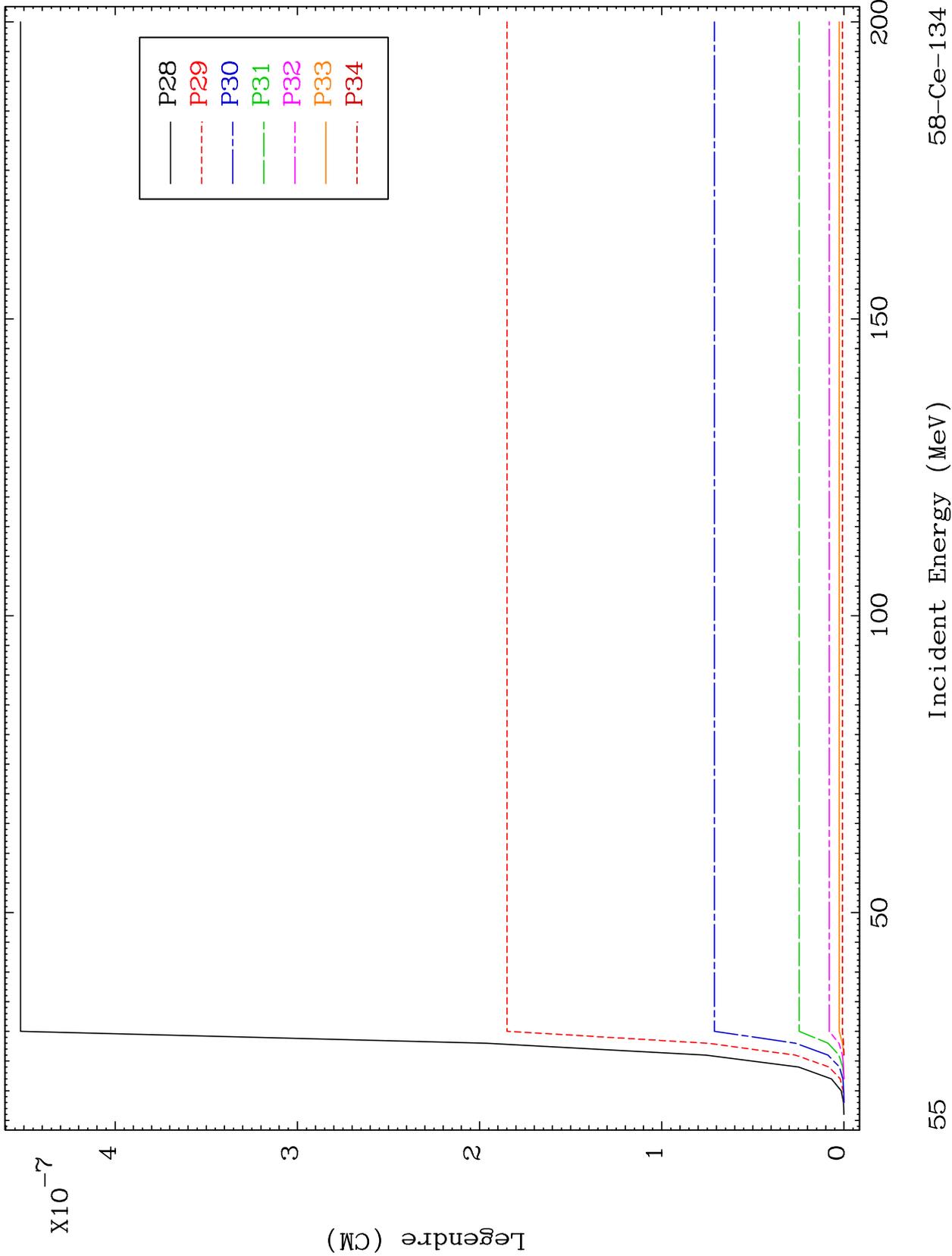
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MAT 5819

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

58-Ce-134



58-Ce-134

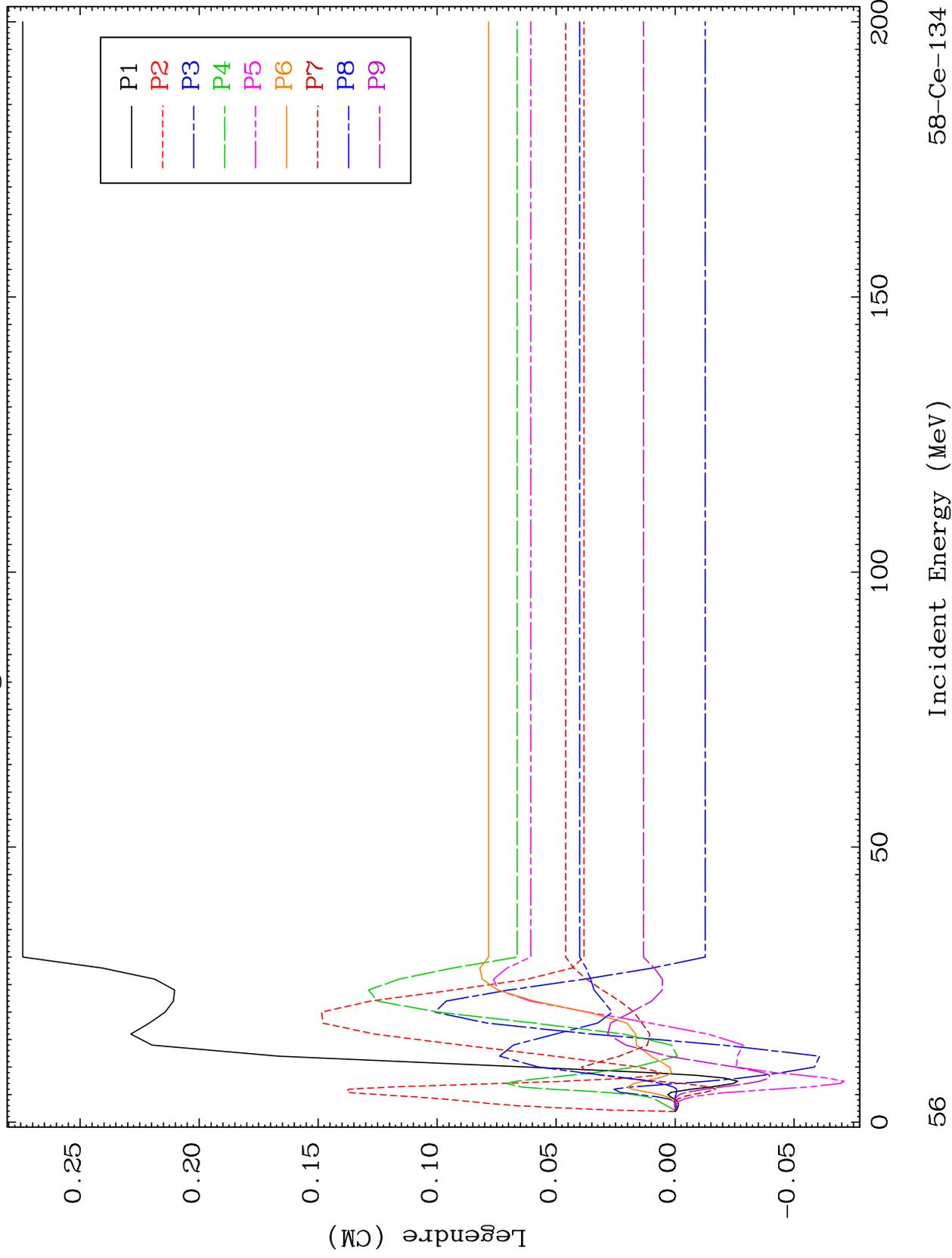
Incident Energy (MeV)

55

MAT 5819

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

58-Ce-134



58-Ce-134

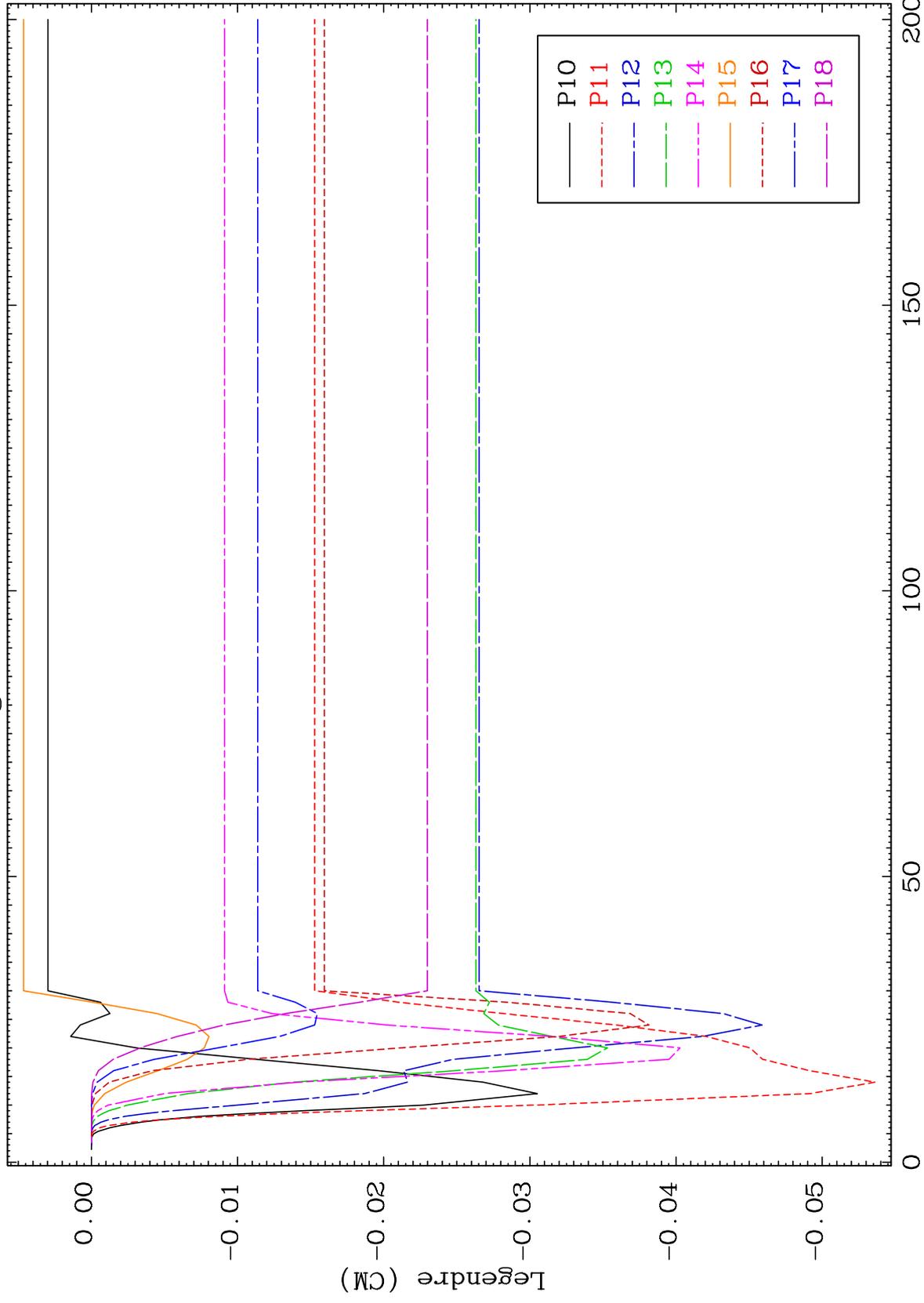
Incident Energy (MeV)

56

MAT 5819

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

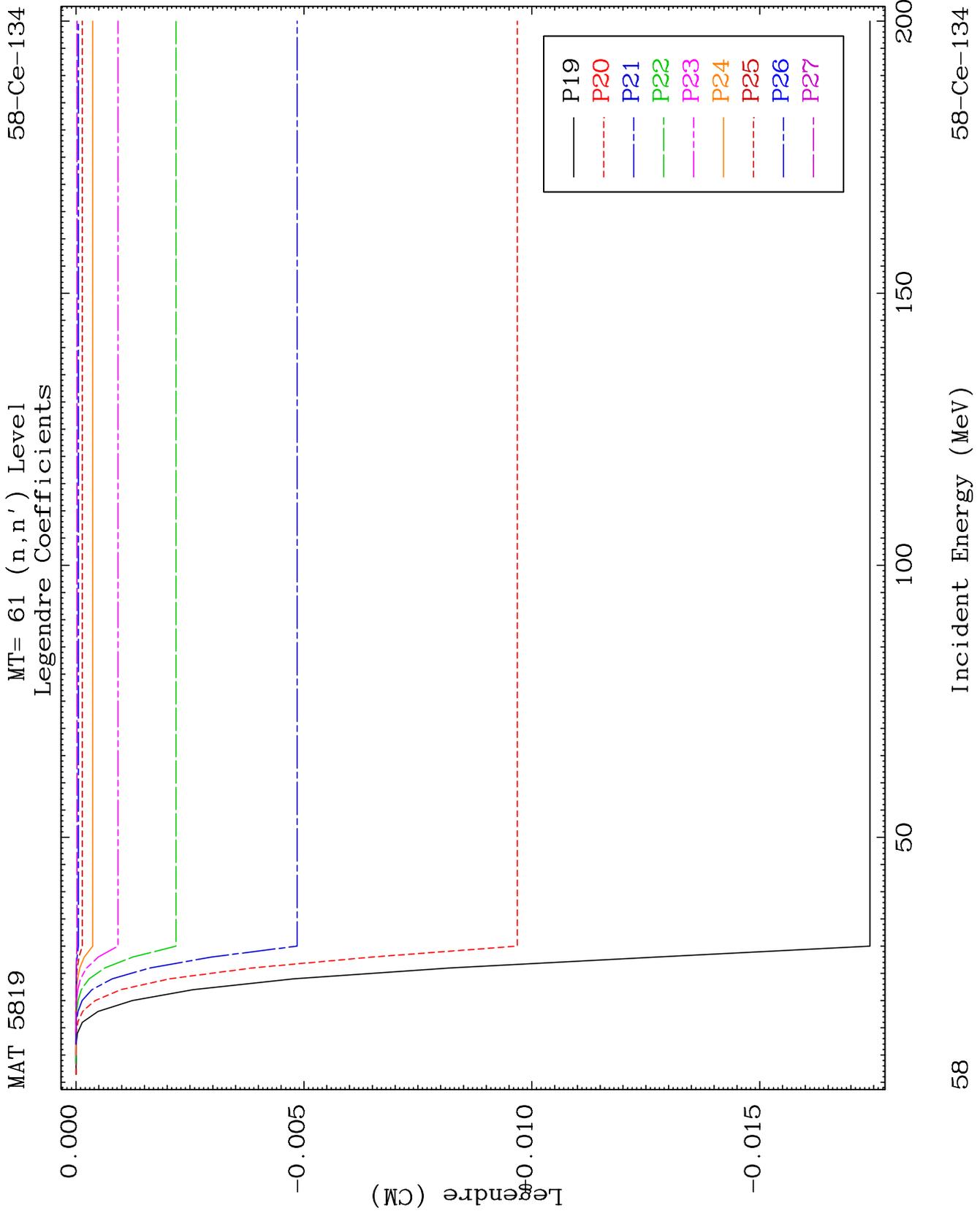
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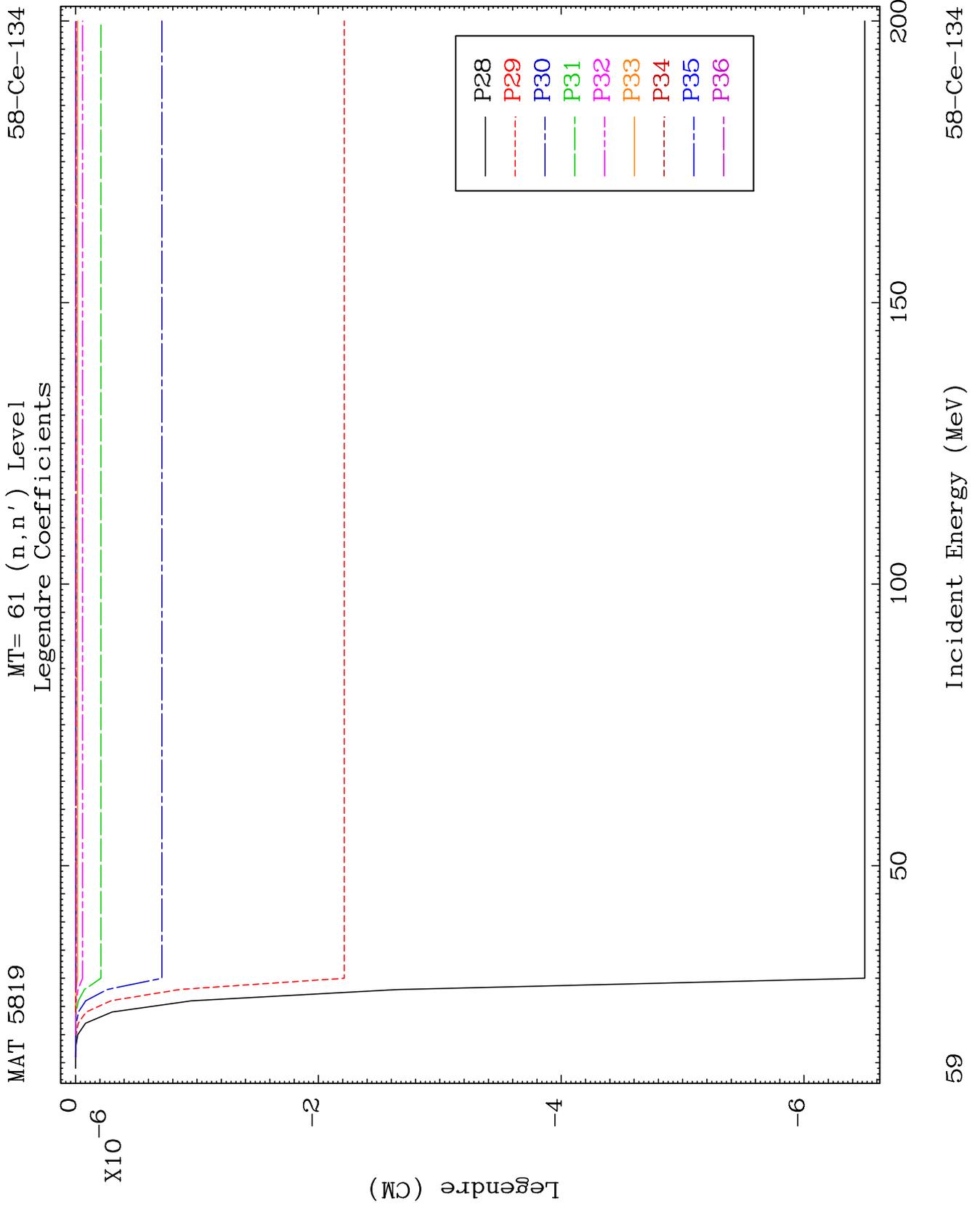


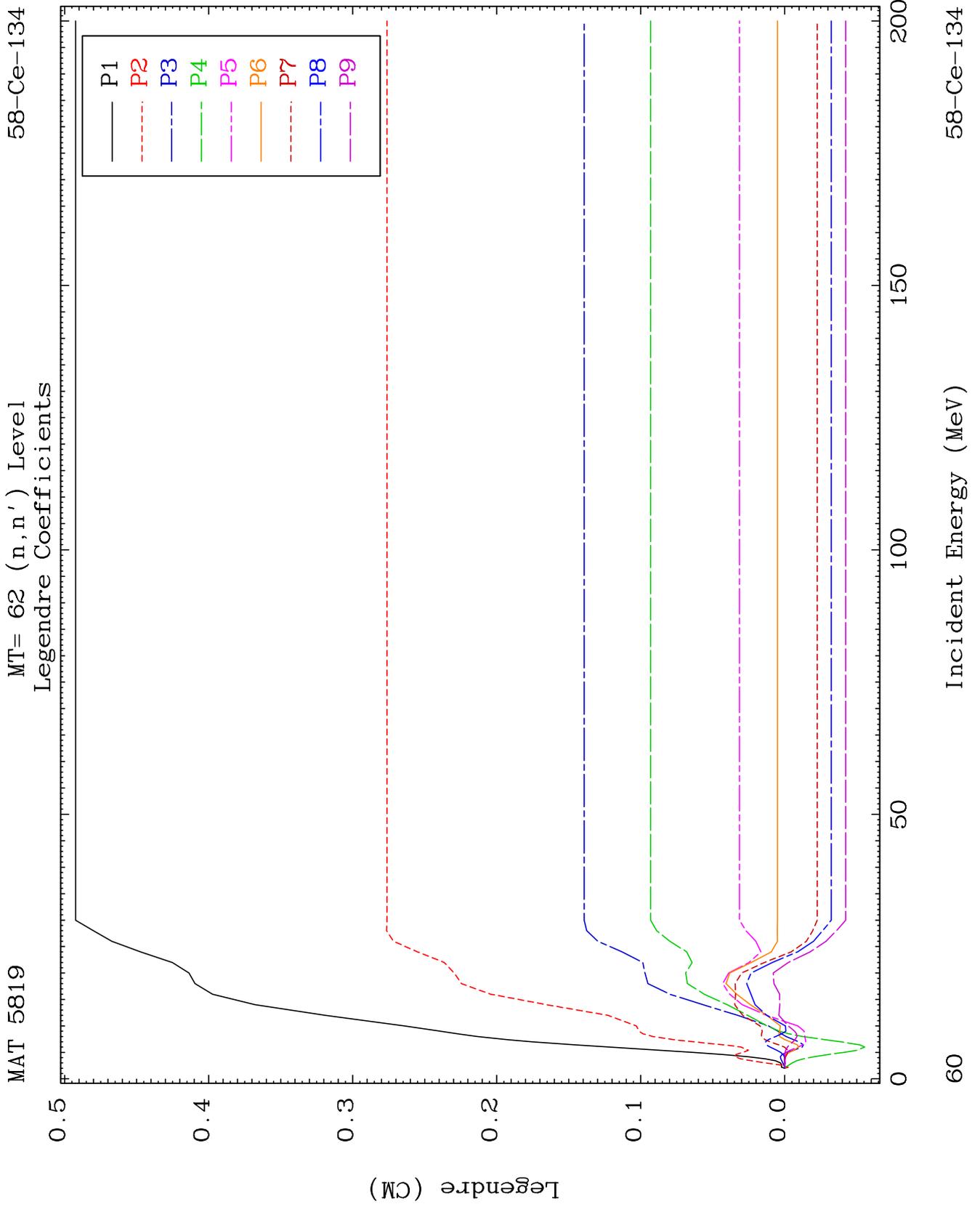
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Incident Energy (MeV)

58-Ce-134



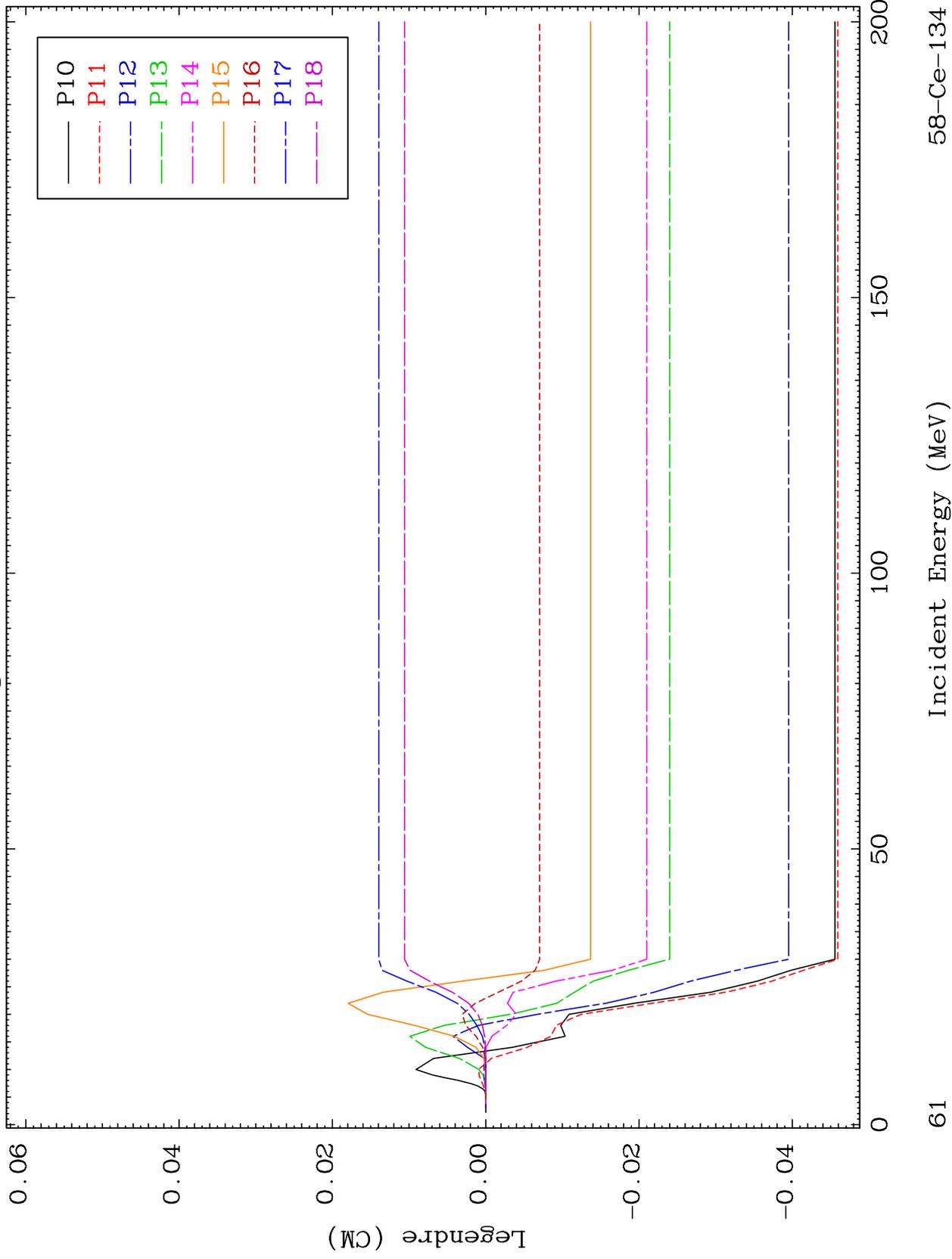




MAT 5819

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

58-Ce-134



61

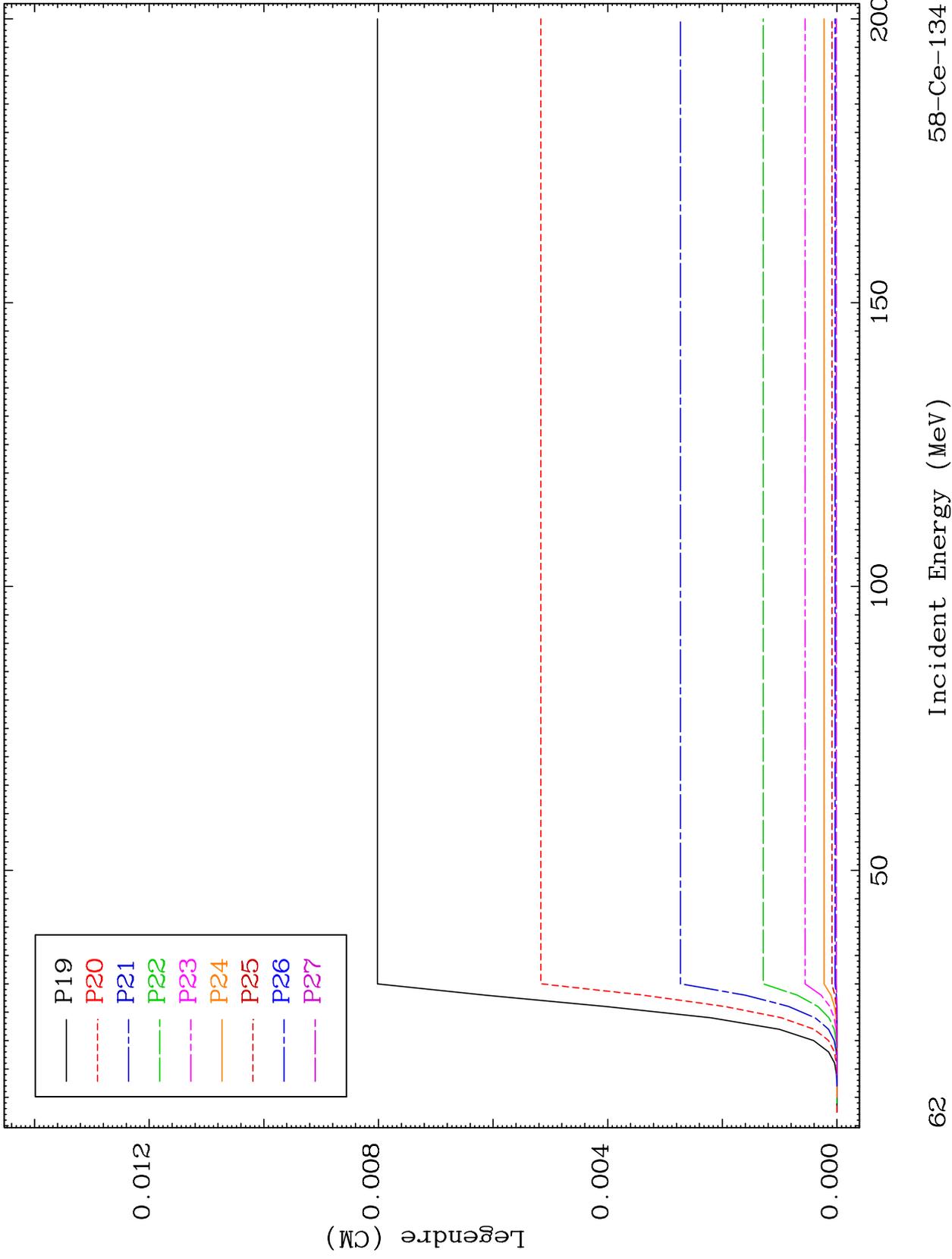
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



62

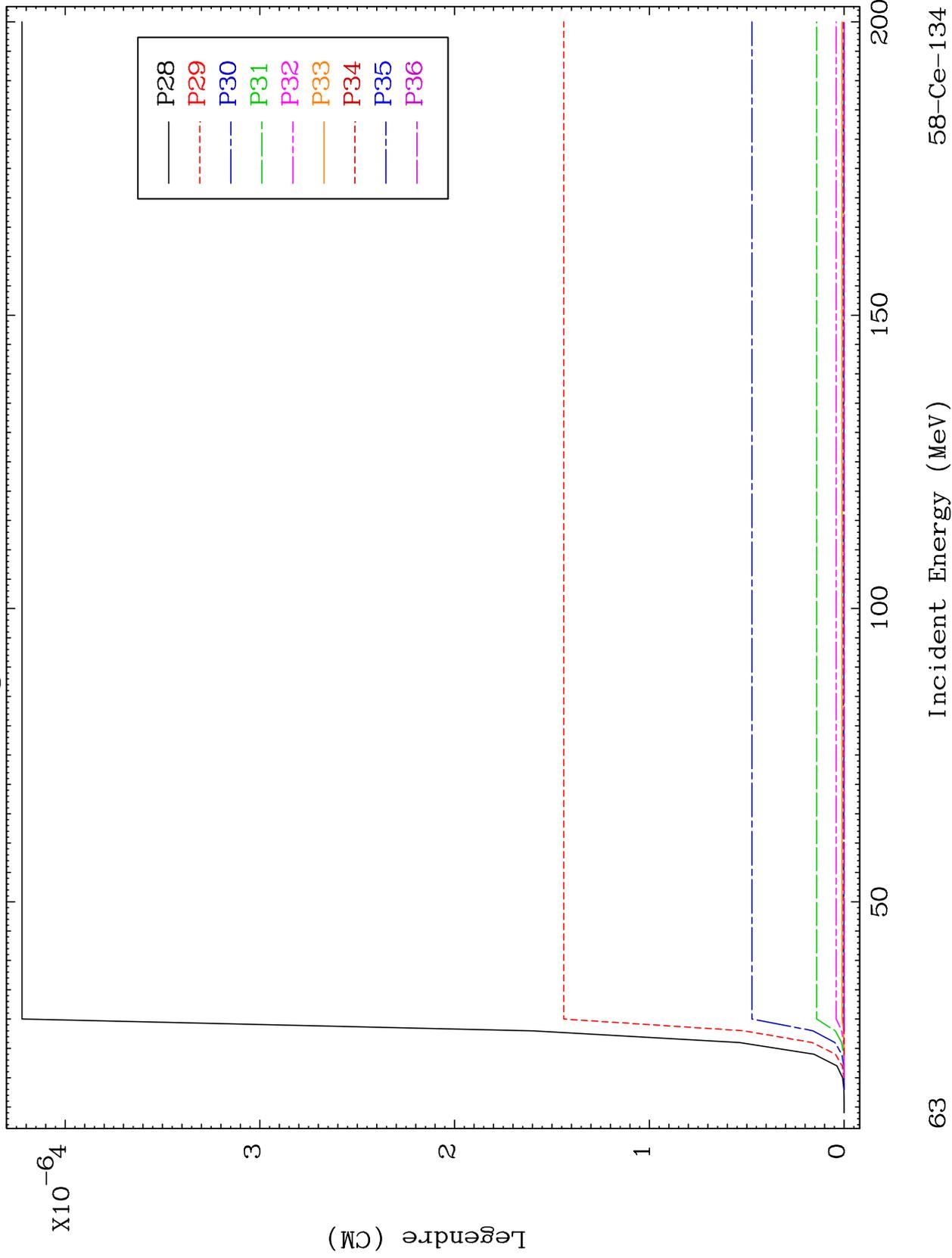
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

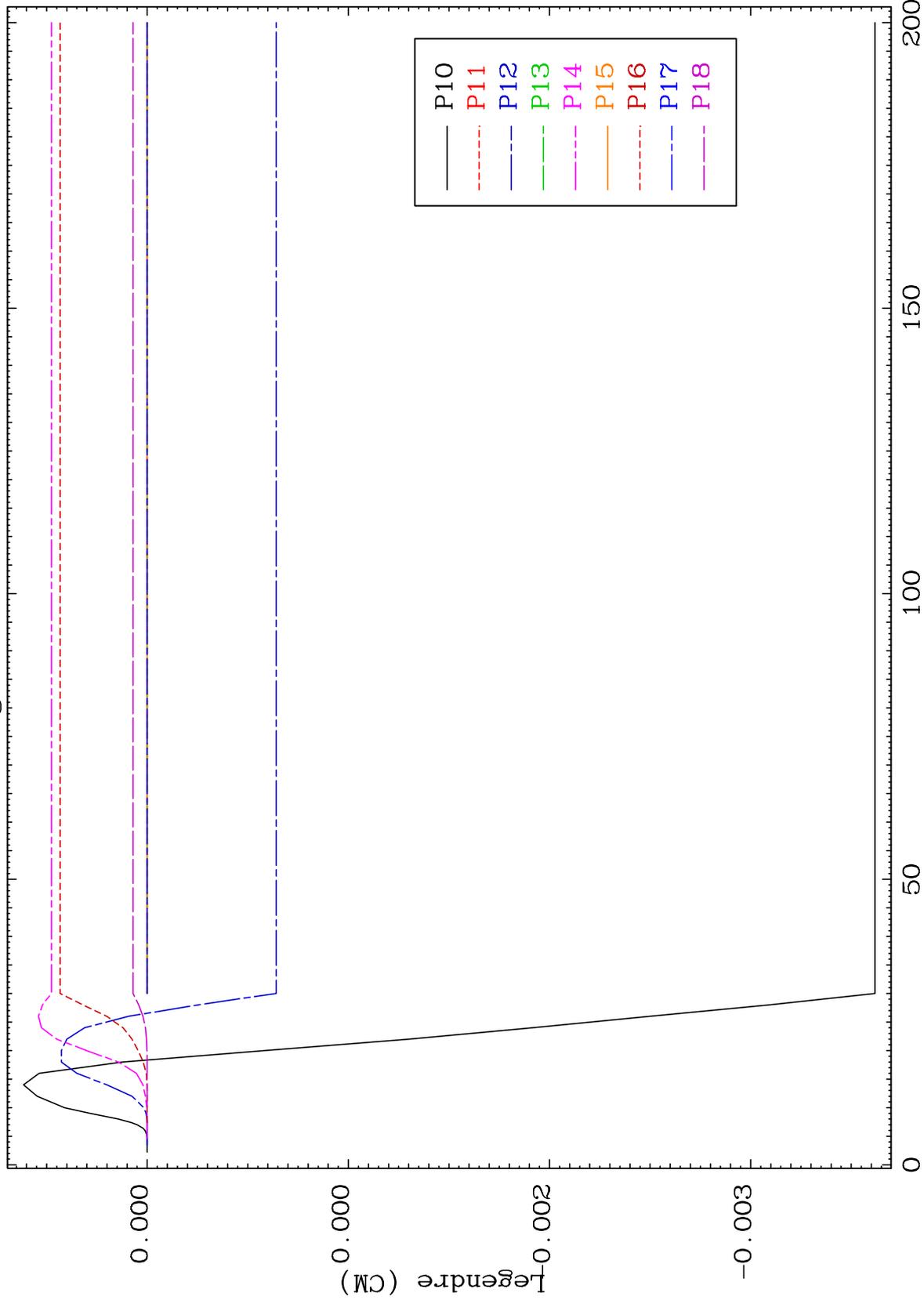
58-Ce-134



MAT 5819

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

58-Ce-134



65

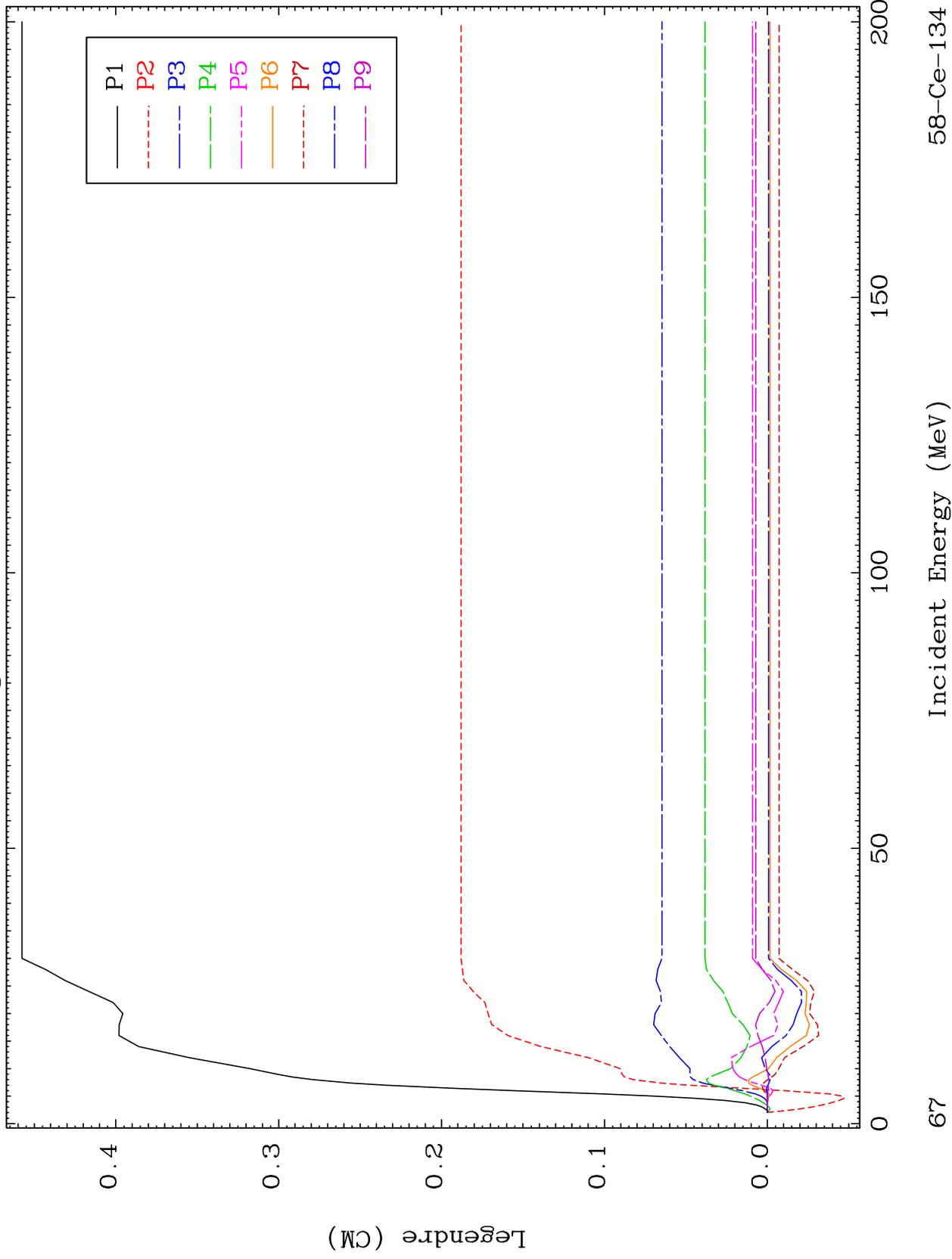
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



58-Ce-134

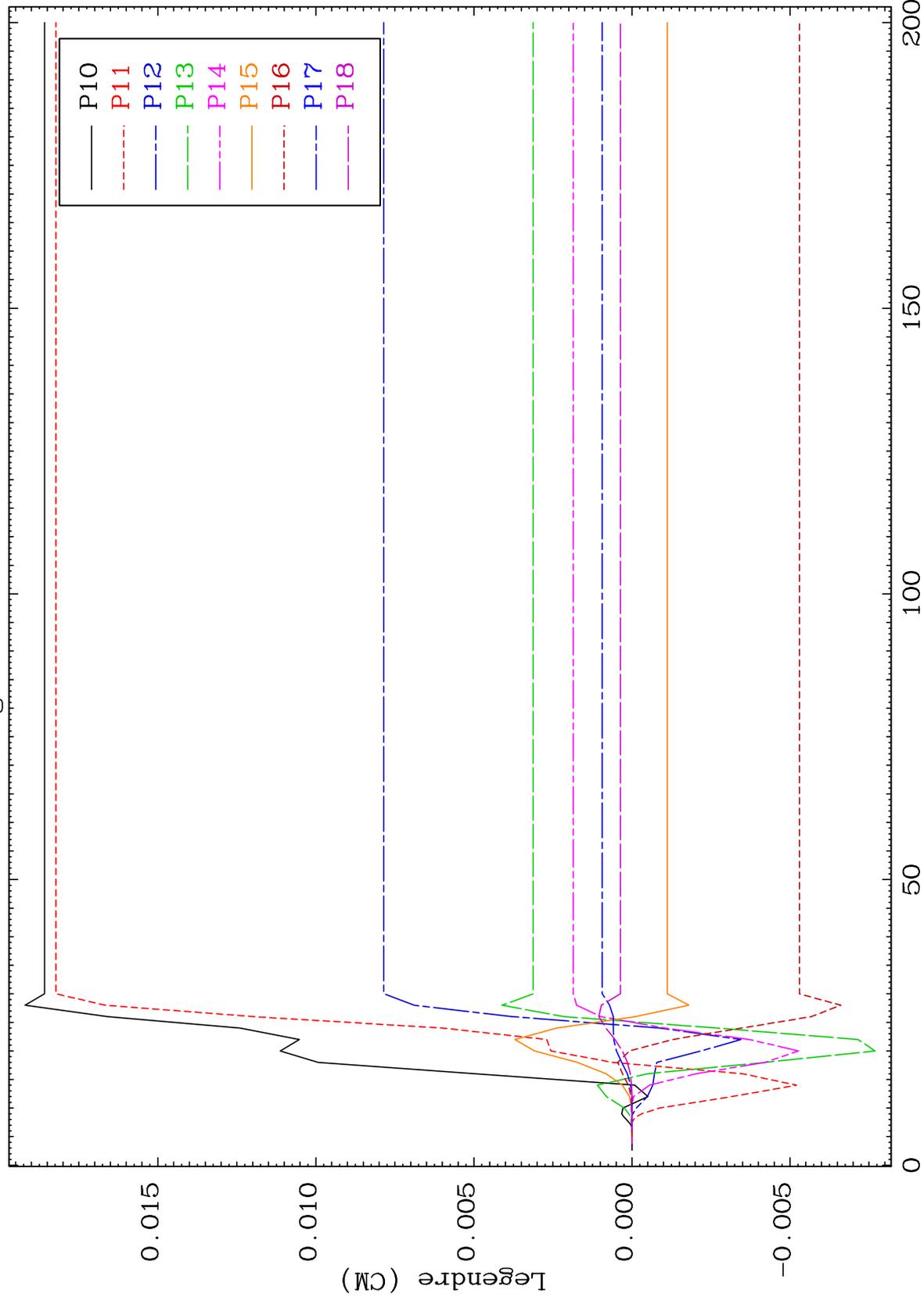
Incident Energy (MeV)

67

MAT 5819

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

58-Ce-134



68

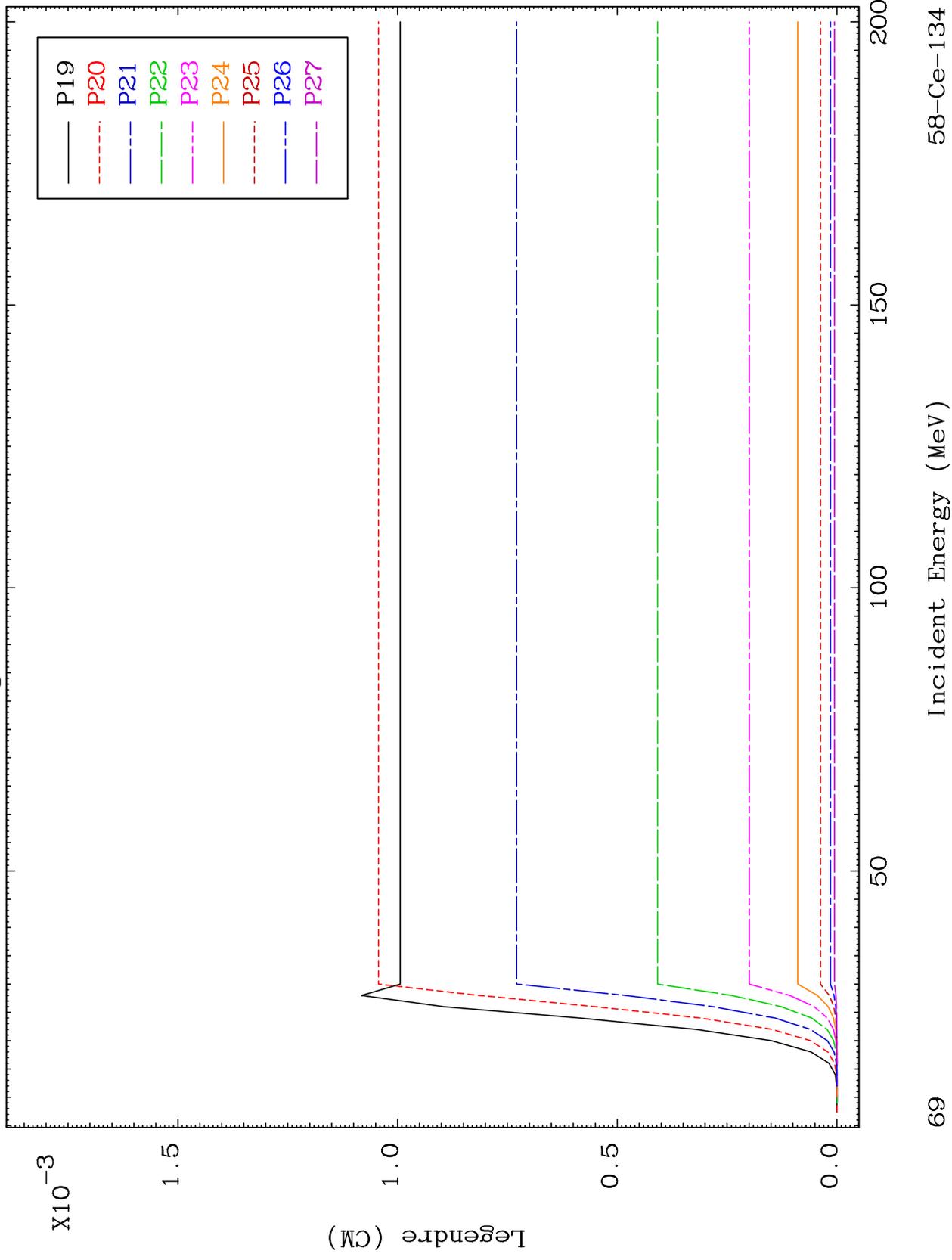
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

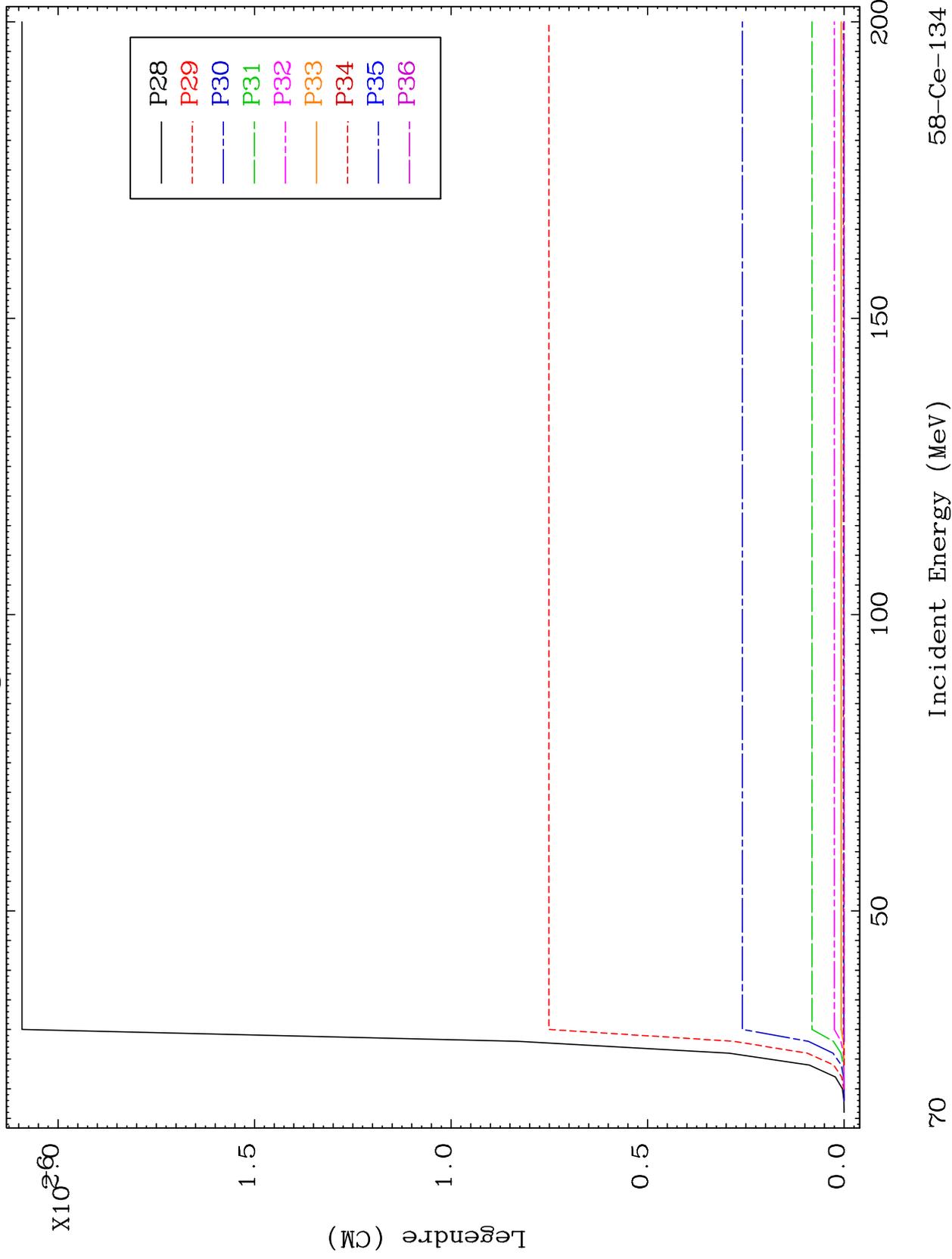
58-Ce-134



MAT 5819

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

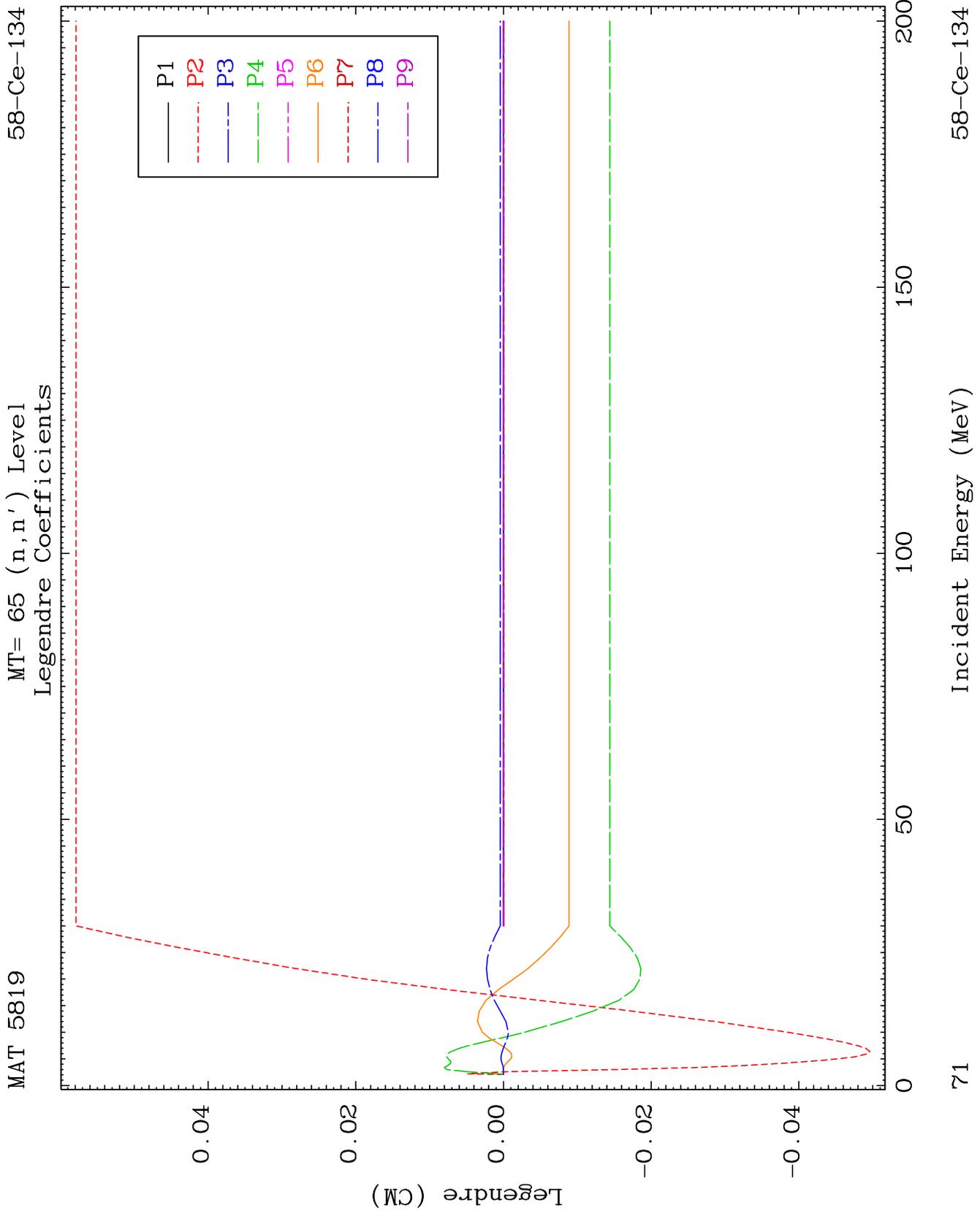
58-Ce-134



70

Incident Energy (MeV)

58-Ce-134



58-Ce-134

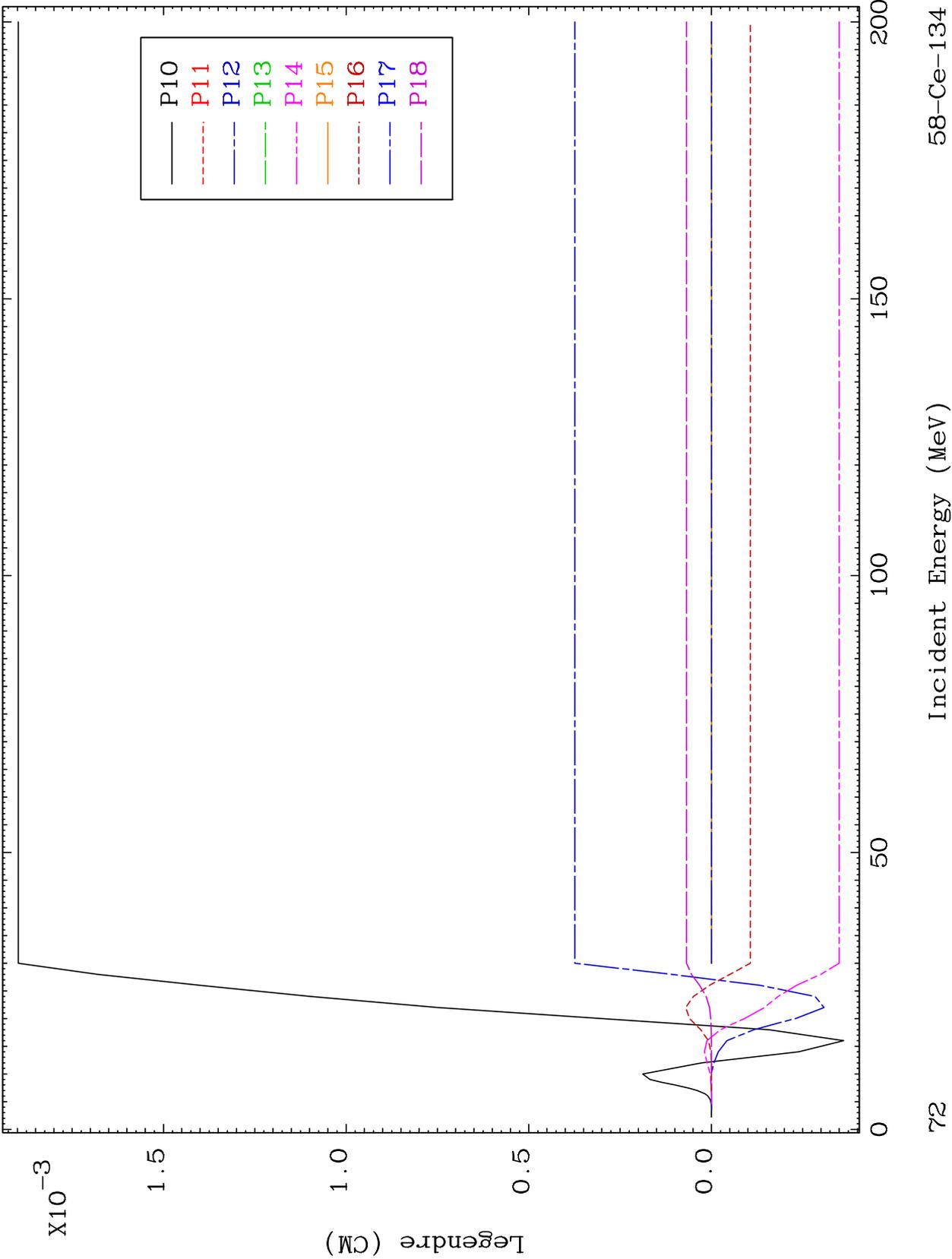
Incident Energy (MeV)

71

MAT 5819

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

58-Ce-134



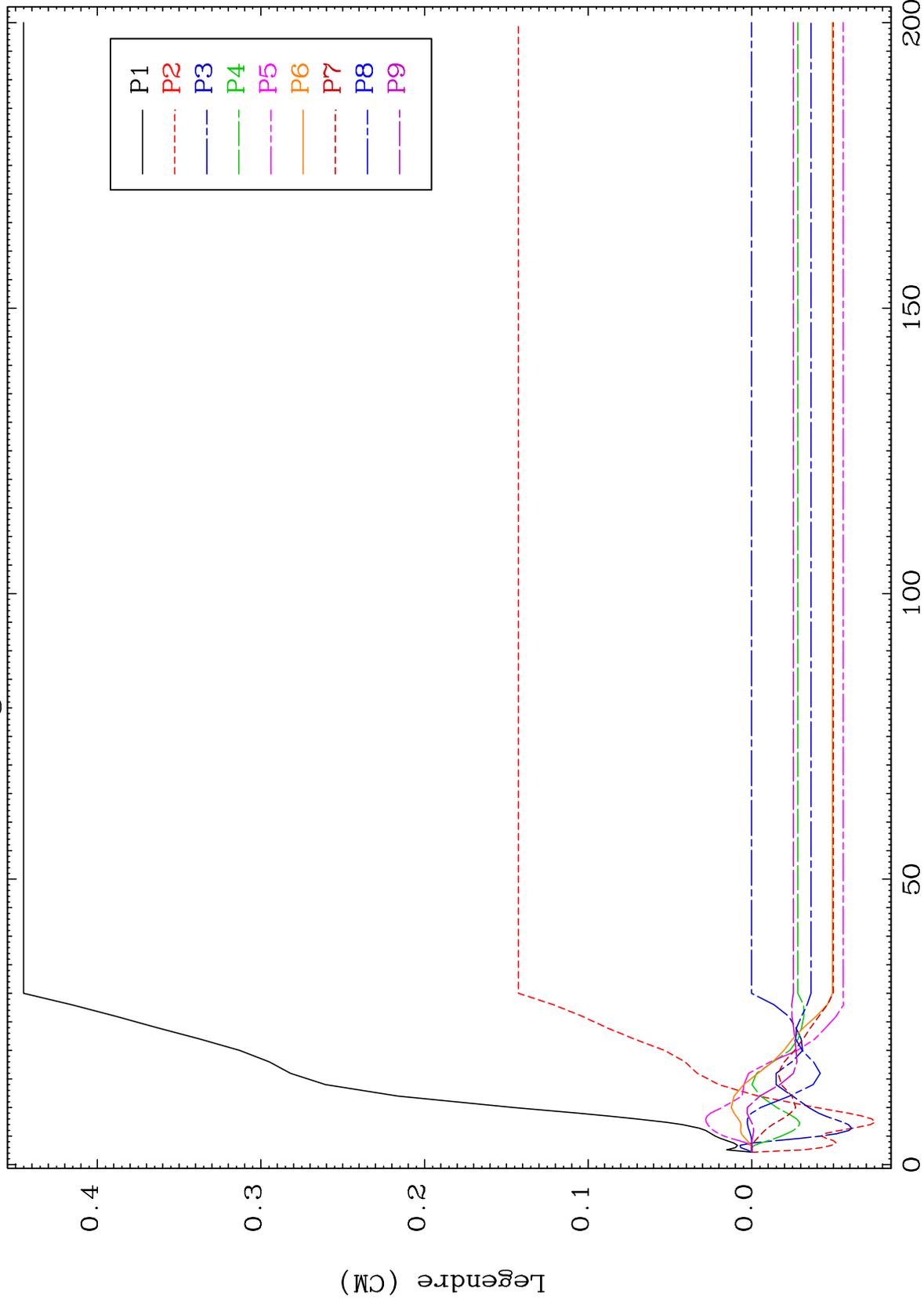
72

58-Ce-134

MAT 5819

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

58-Ce-134



74

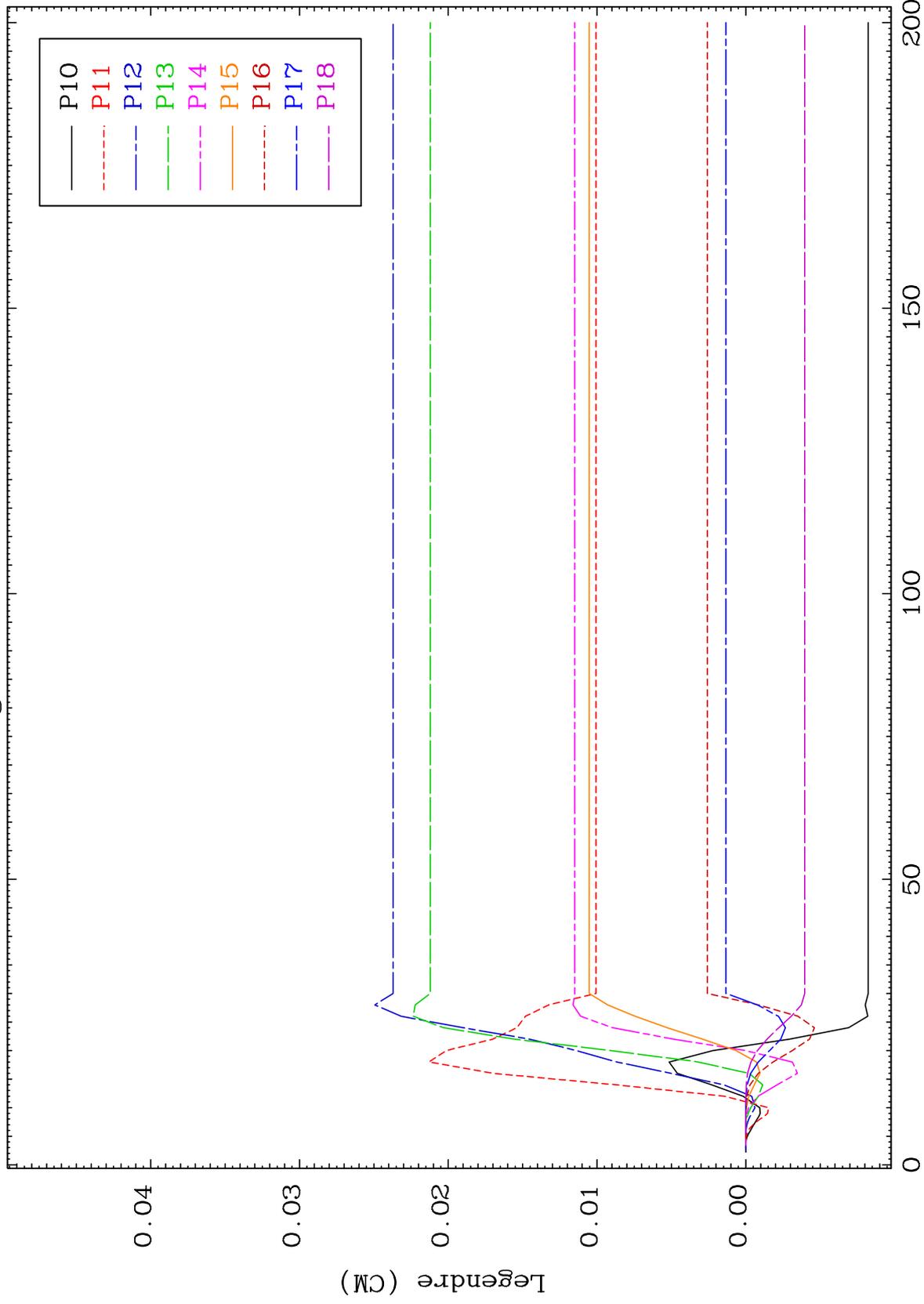
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



75

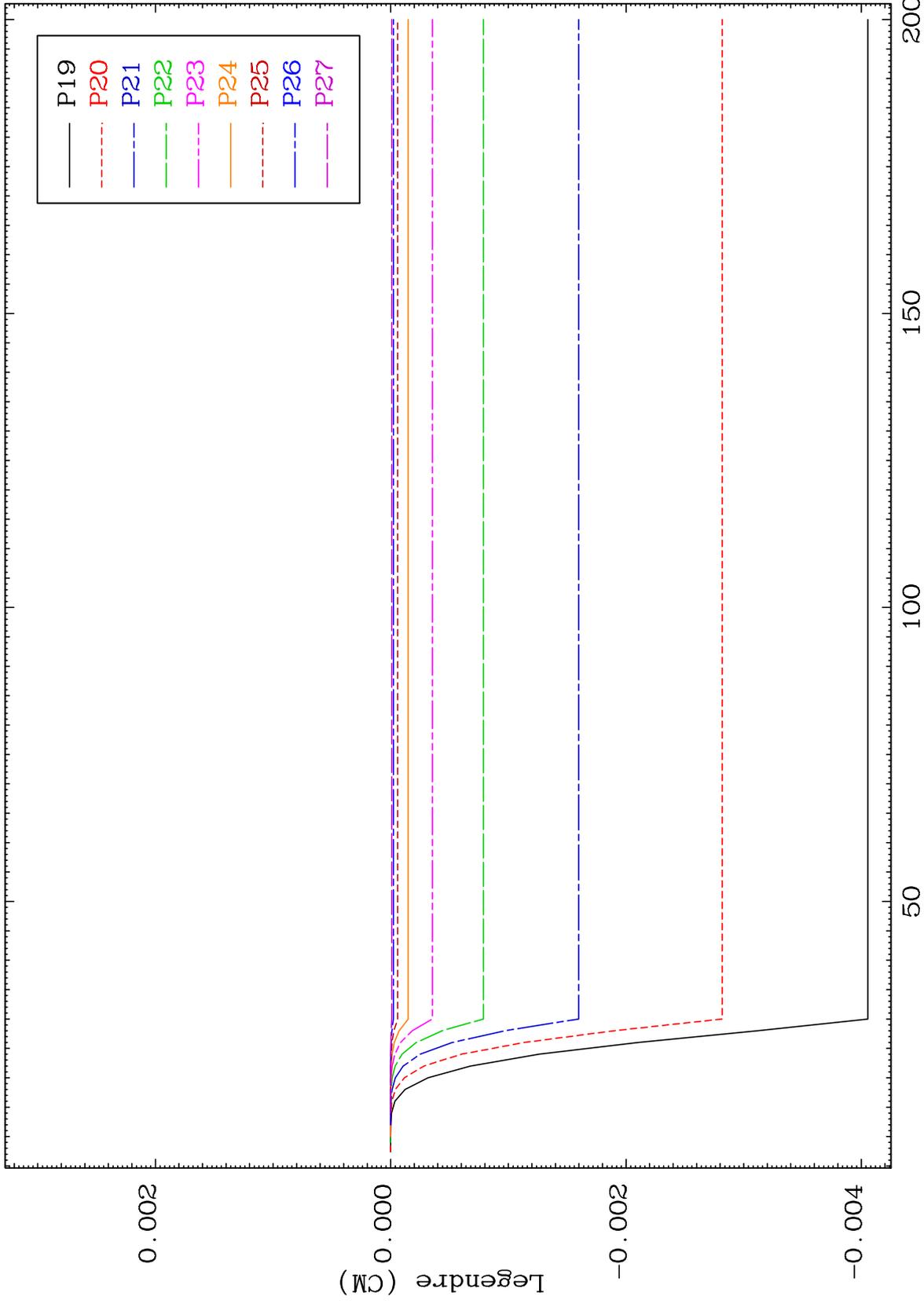
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

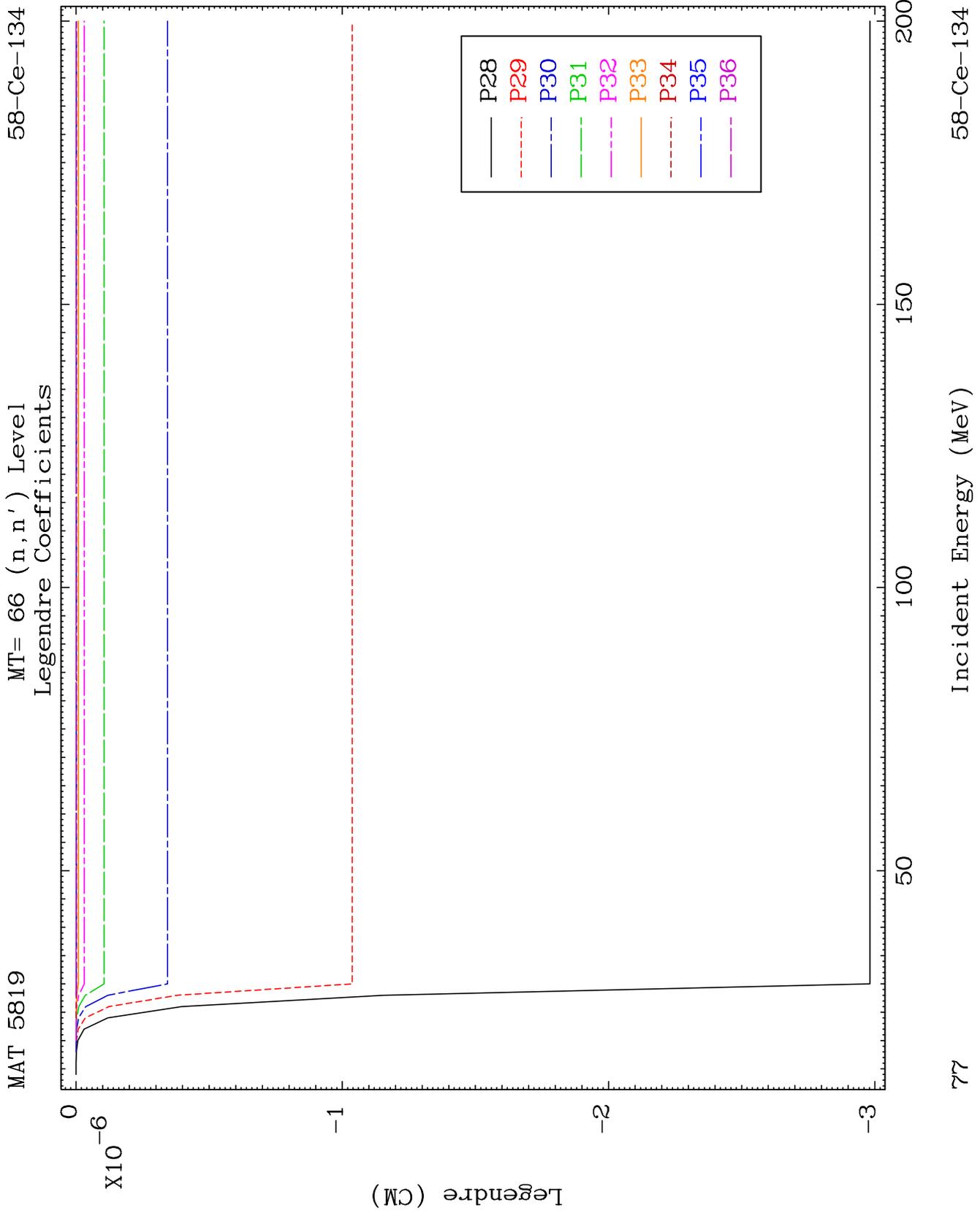
58-Ce-134

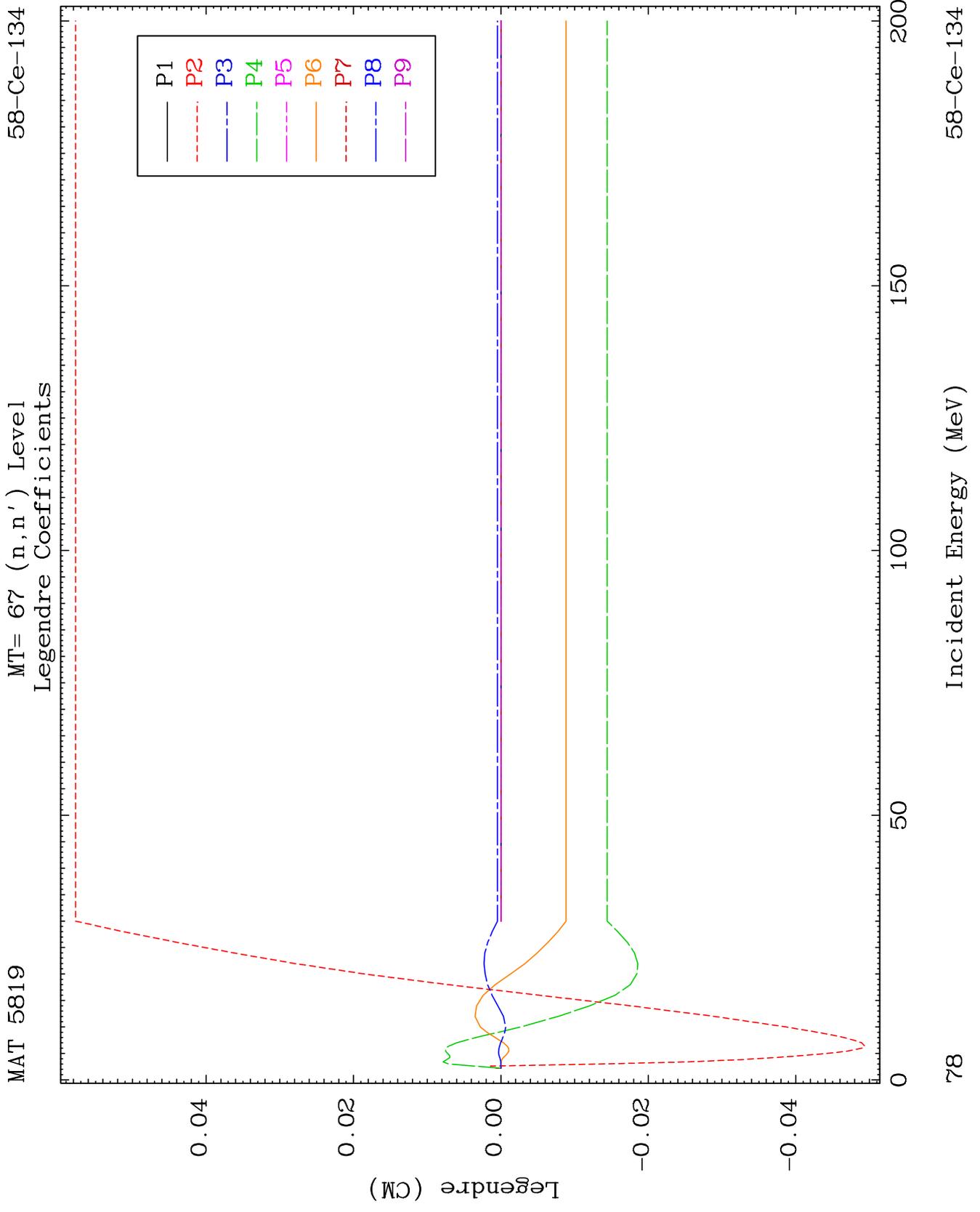


76

Incident Energy (MeV)

58-Ce-134

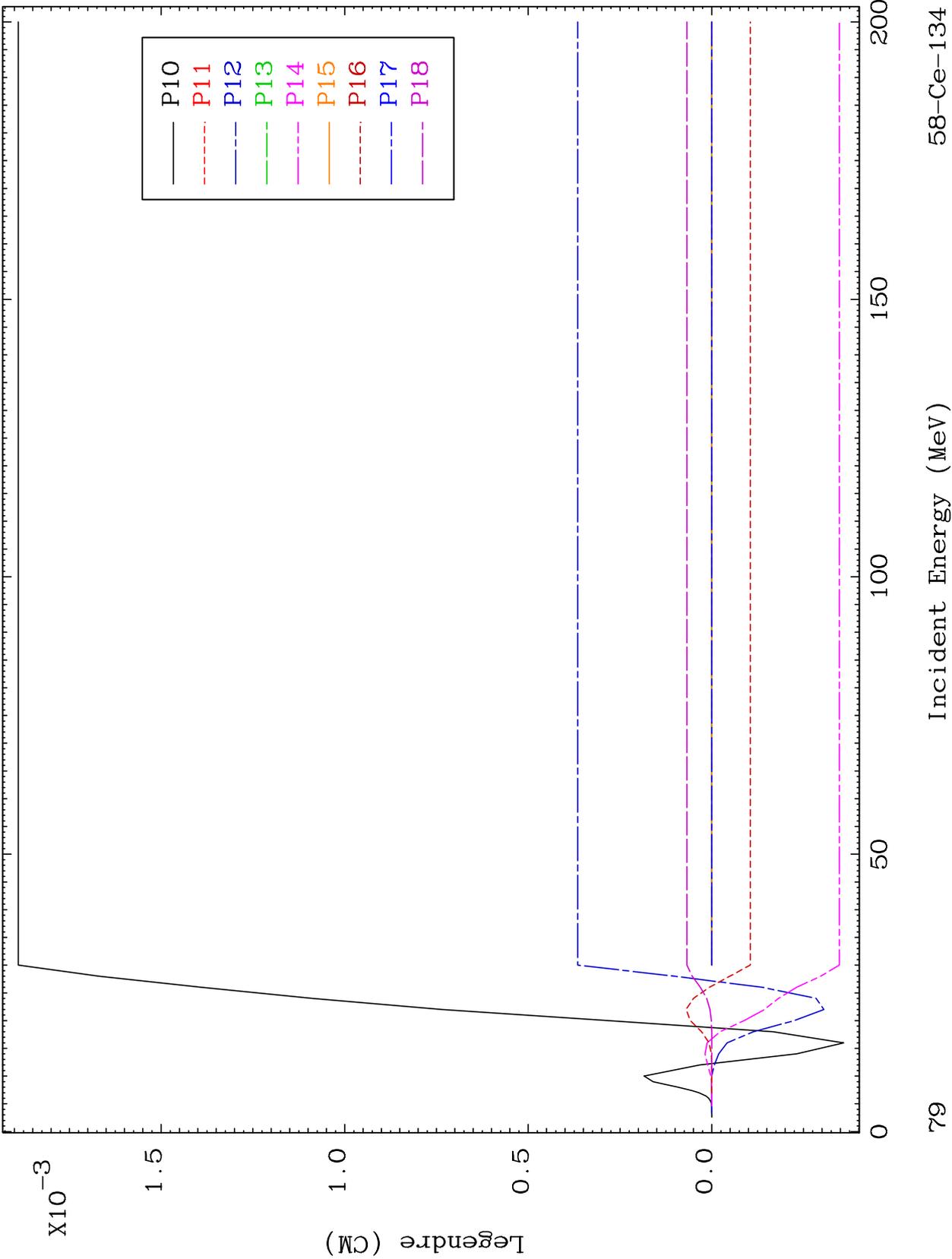




MAT 5819

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

58-Ce-134



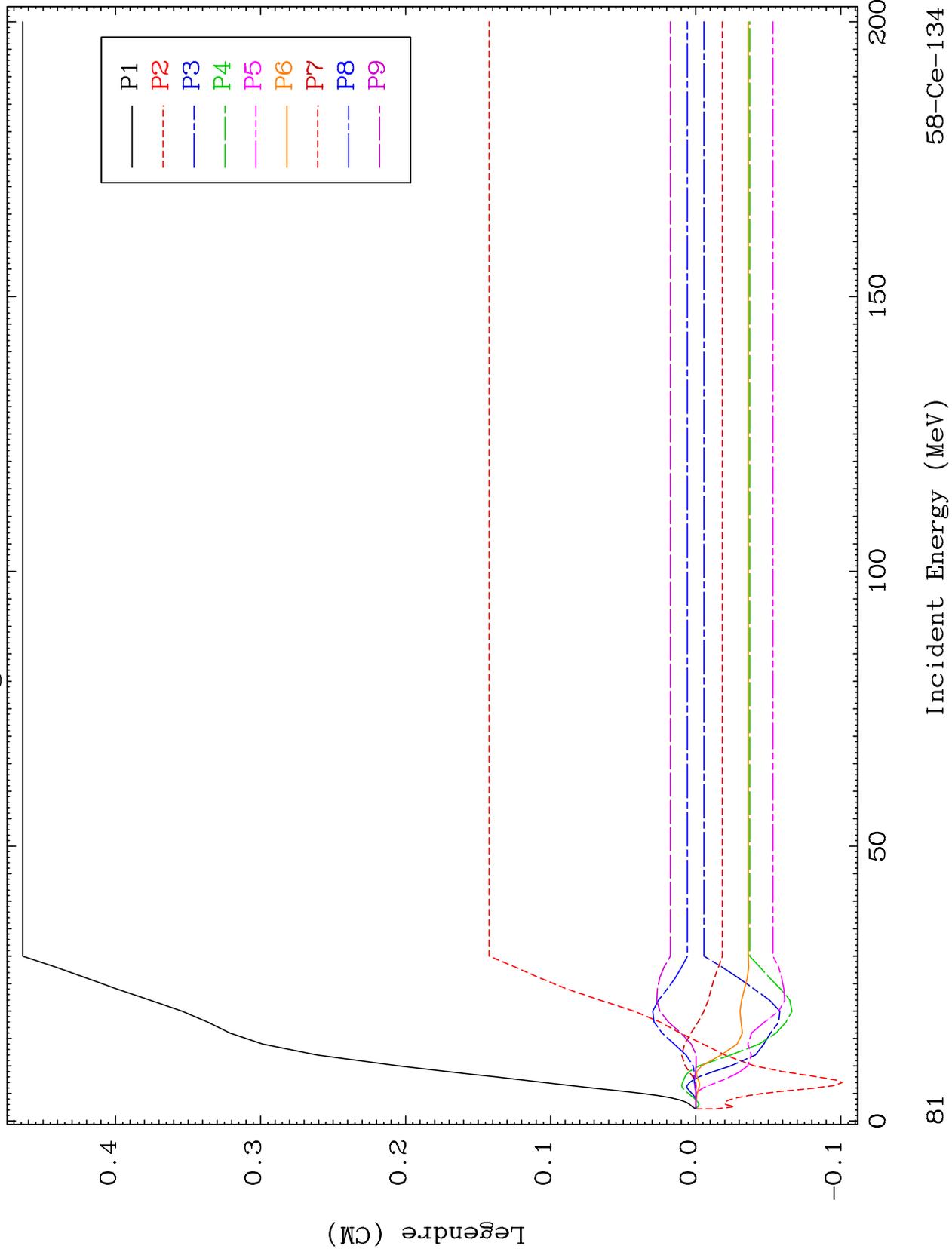
79

58-Ce-134

MAT 5819

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

58-Ce-134



81

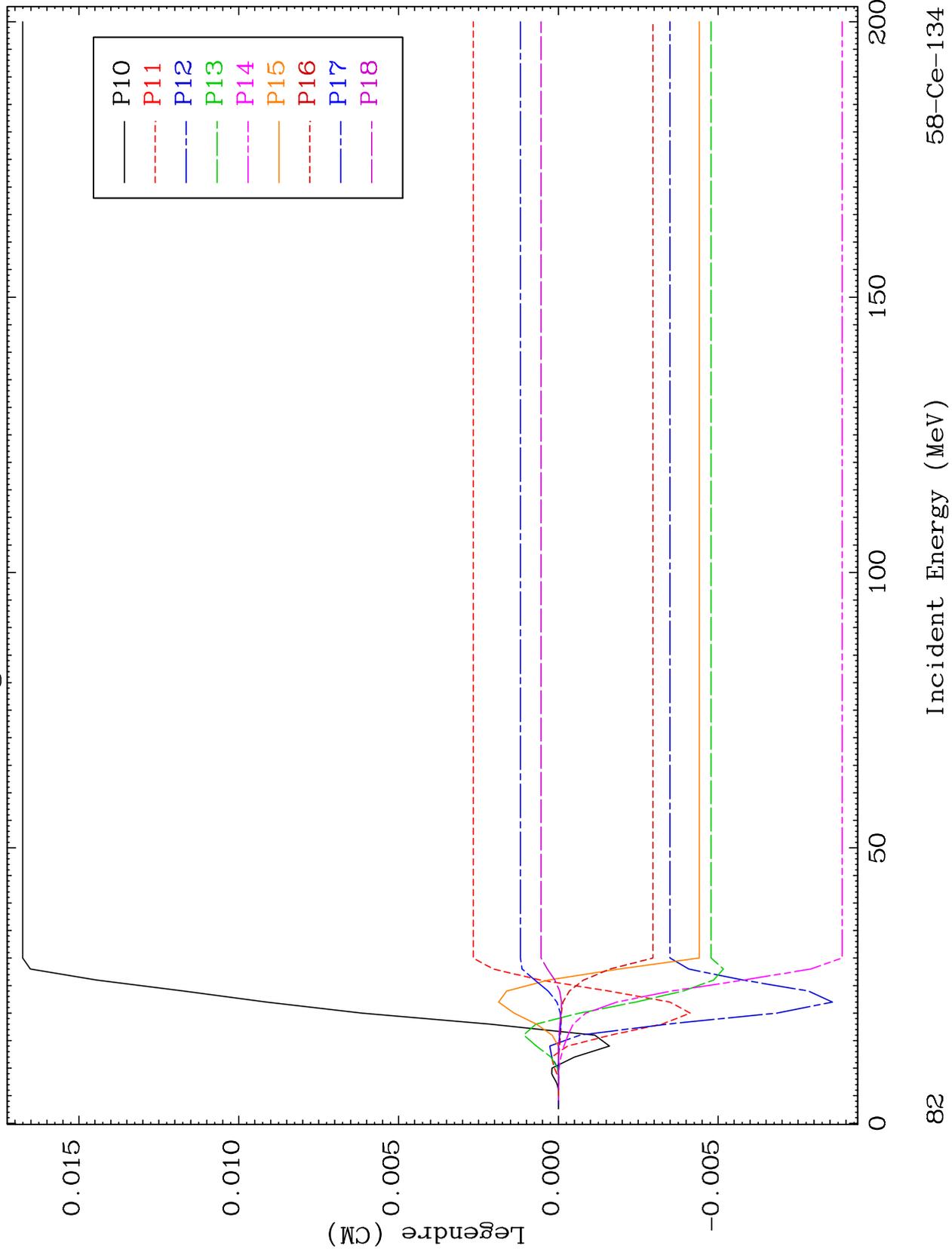
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



82

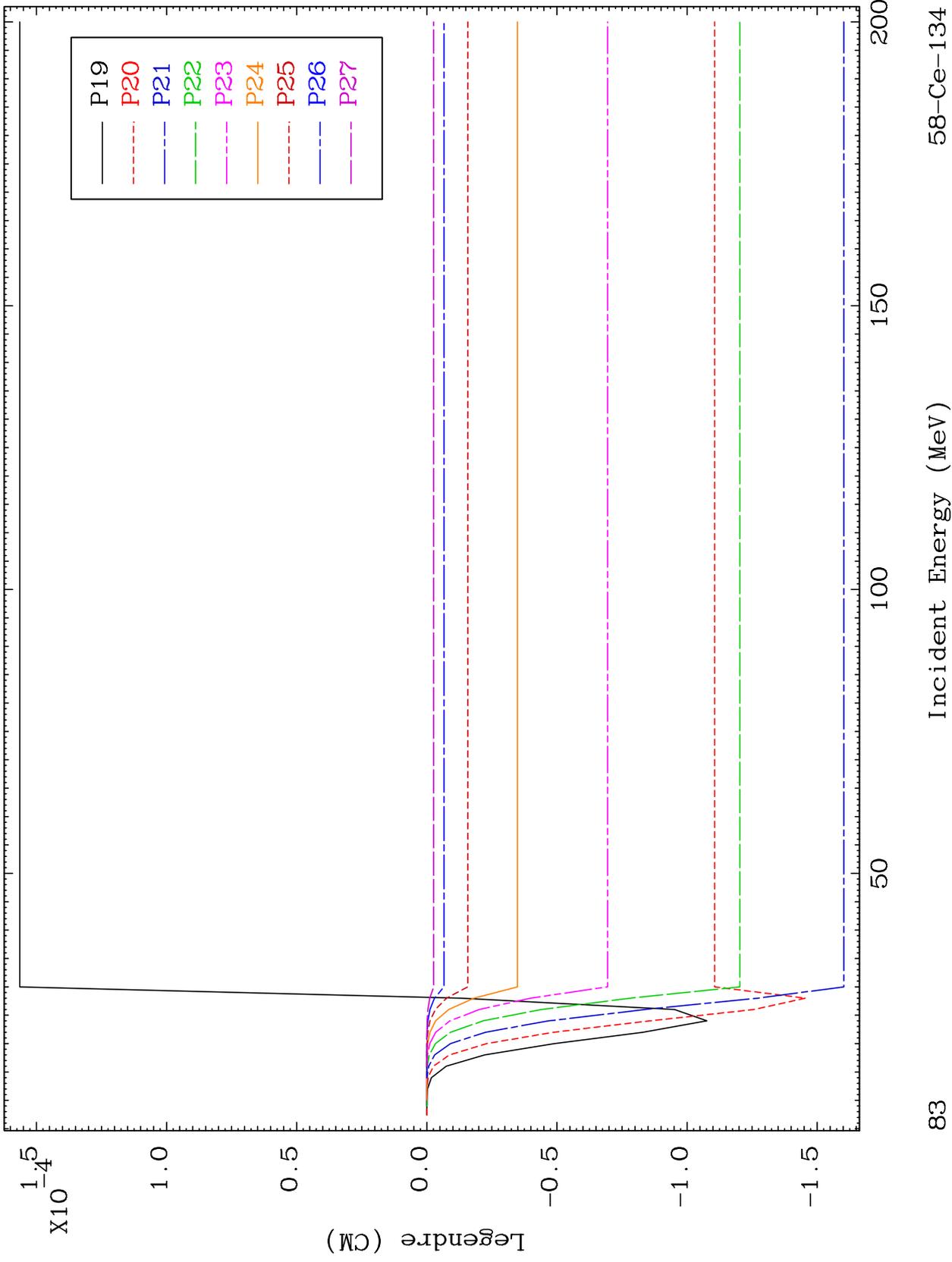
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

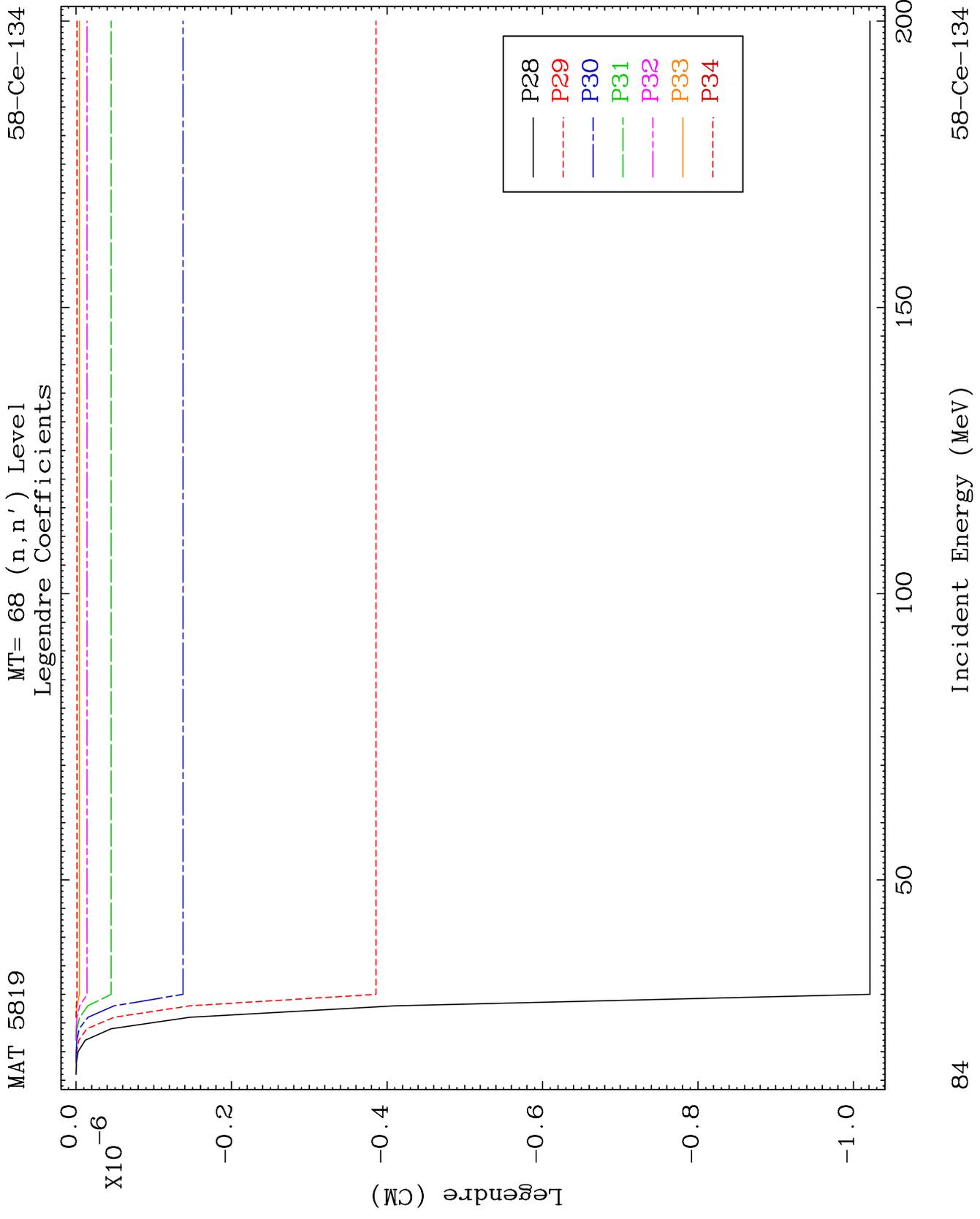
58-Ce-134

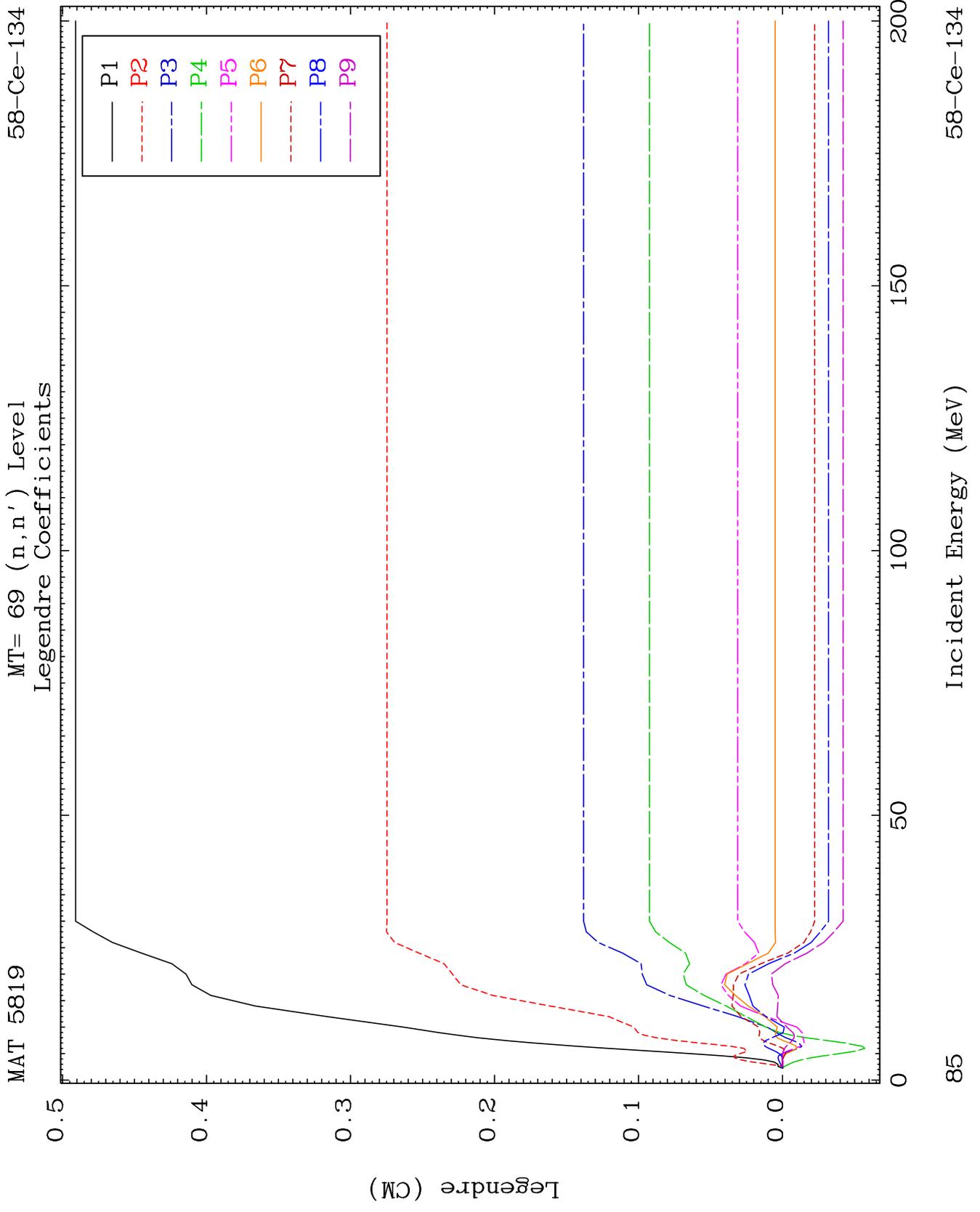


83

Incident Energy (MeV)

58-Ce-134

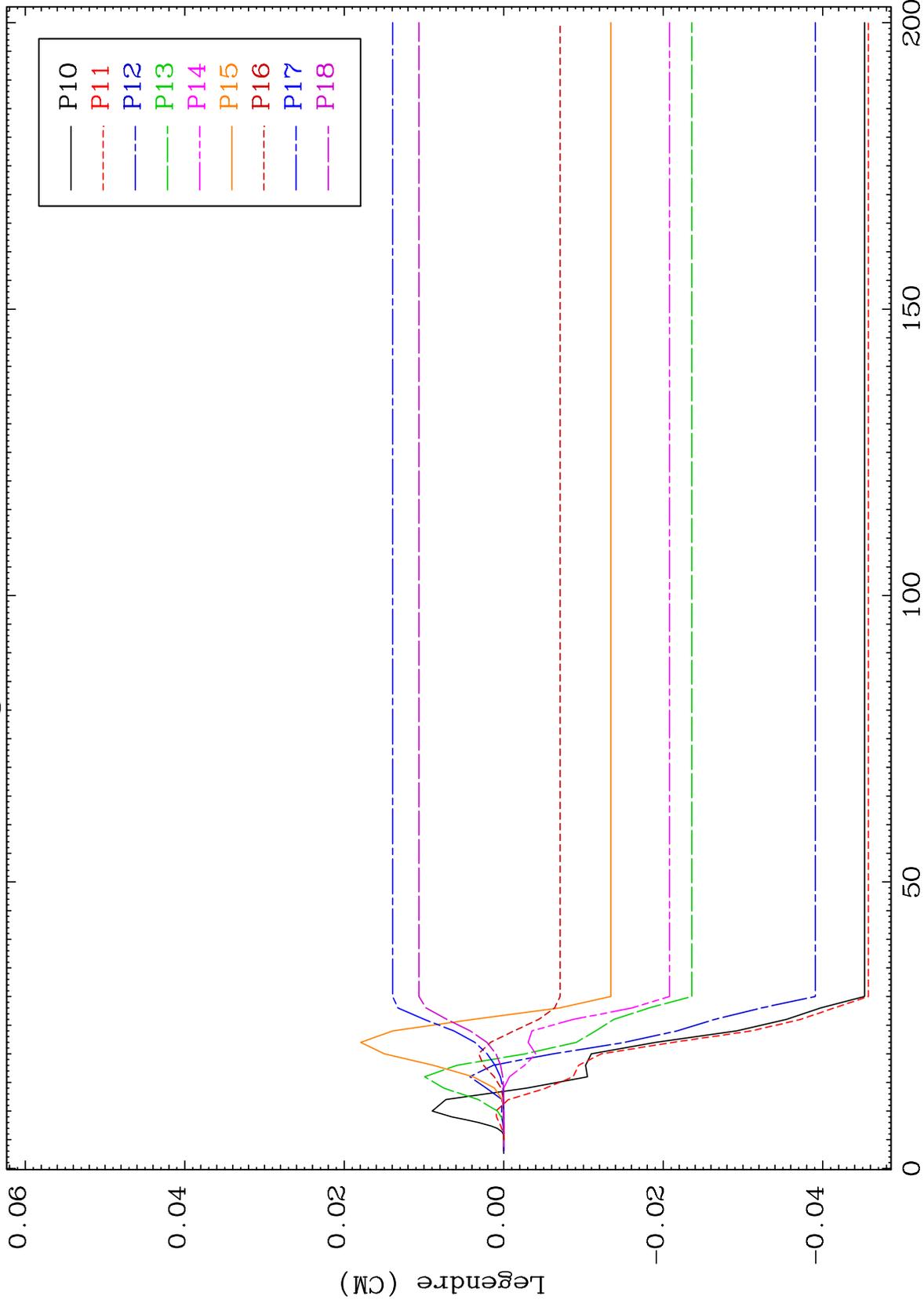




MAT 5819

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

58-Ce-134



86

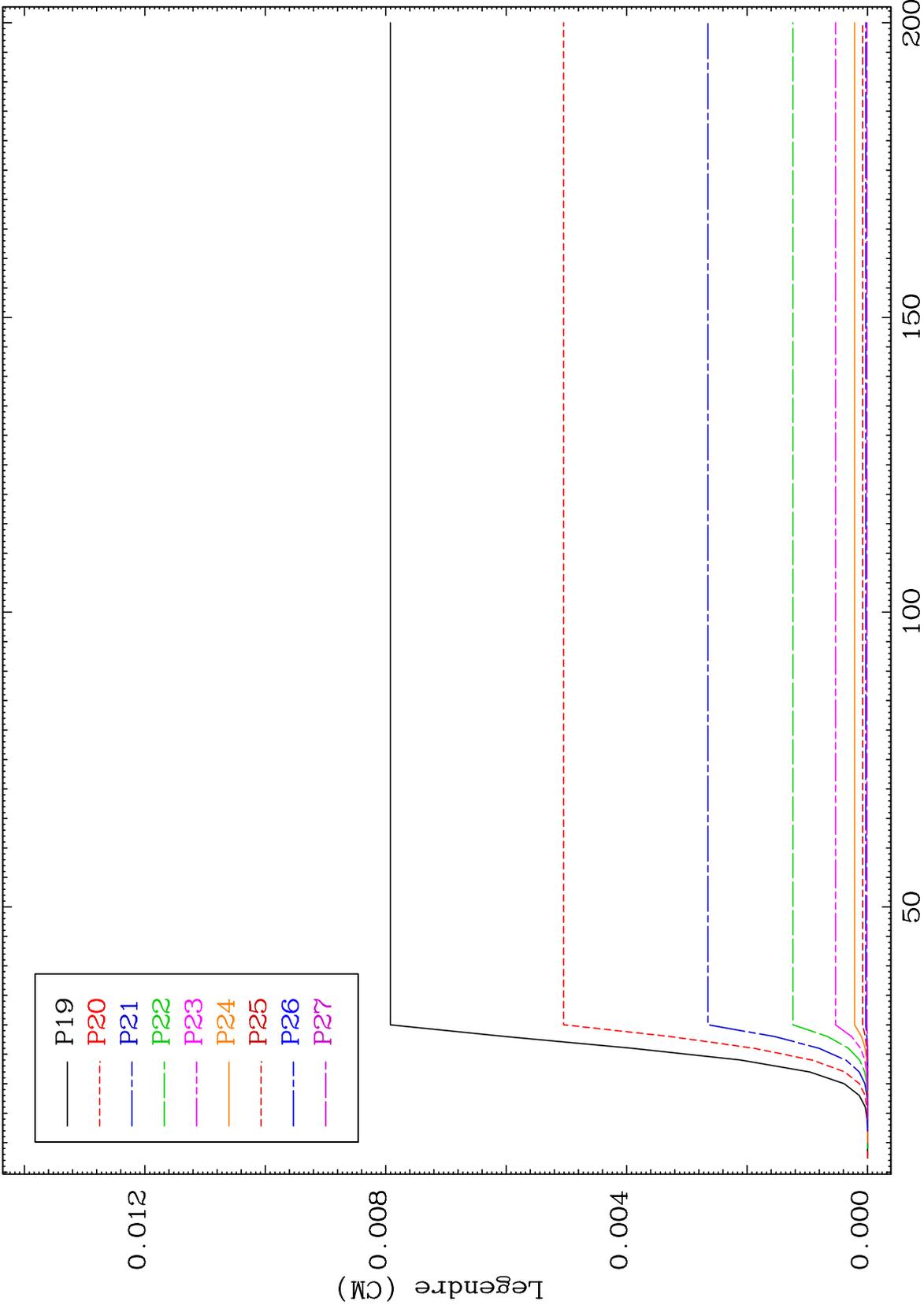
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



87

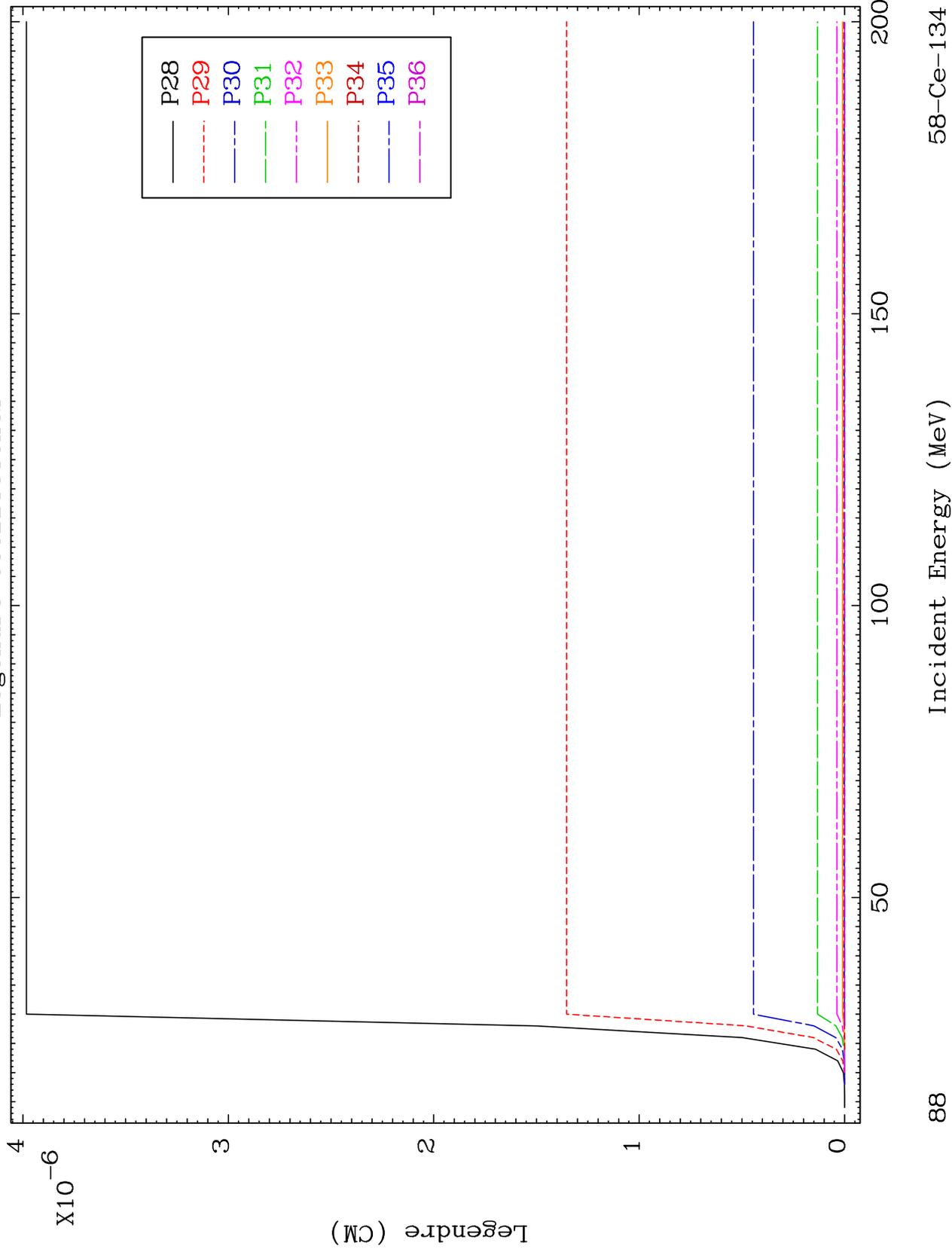
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

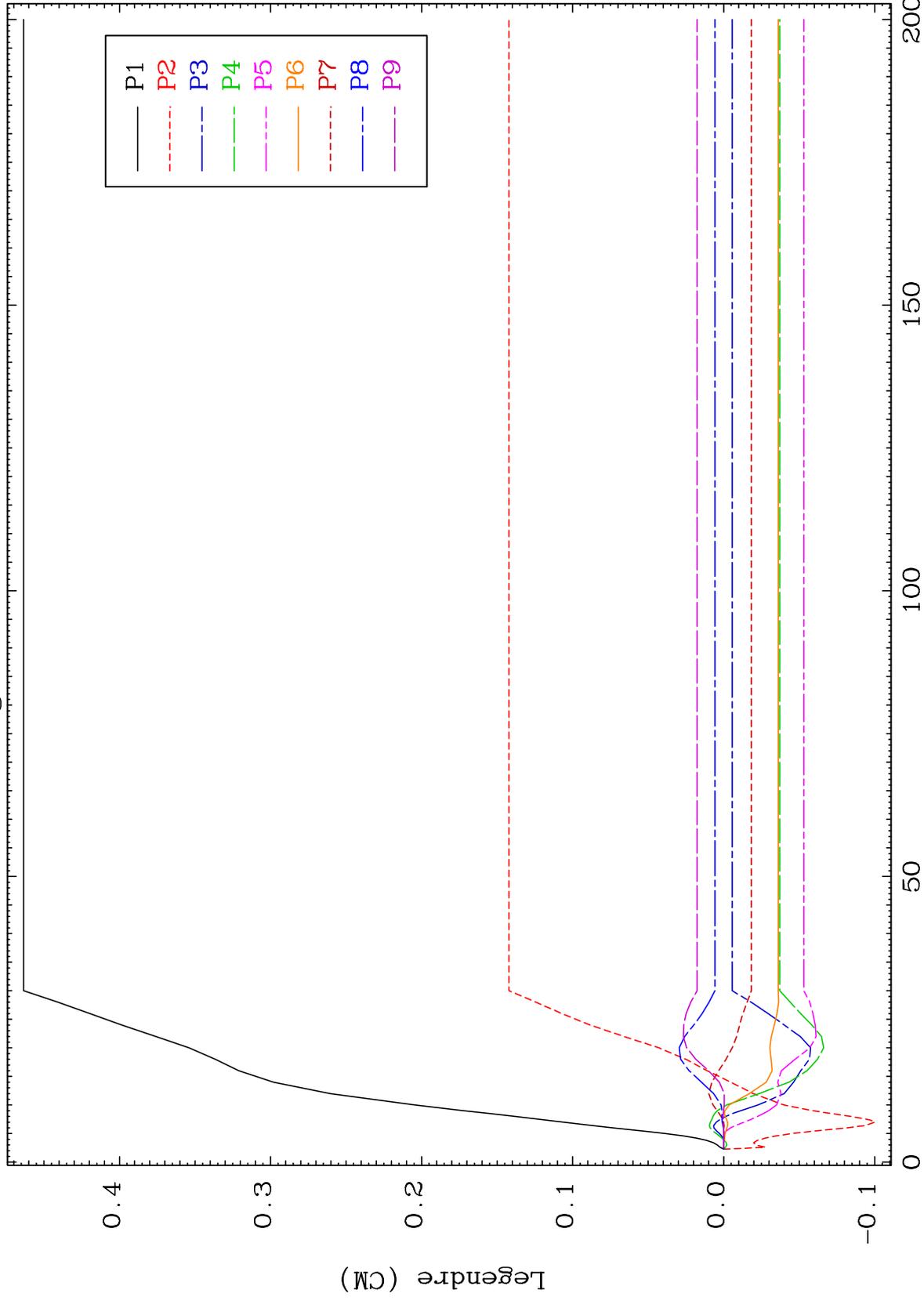
58-Ce-134



MAT 5819

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

58-Ce-134



89

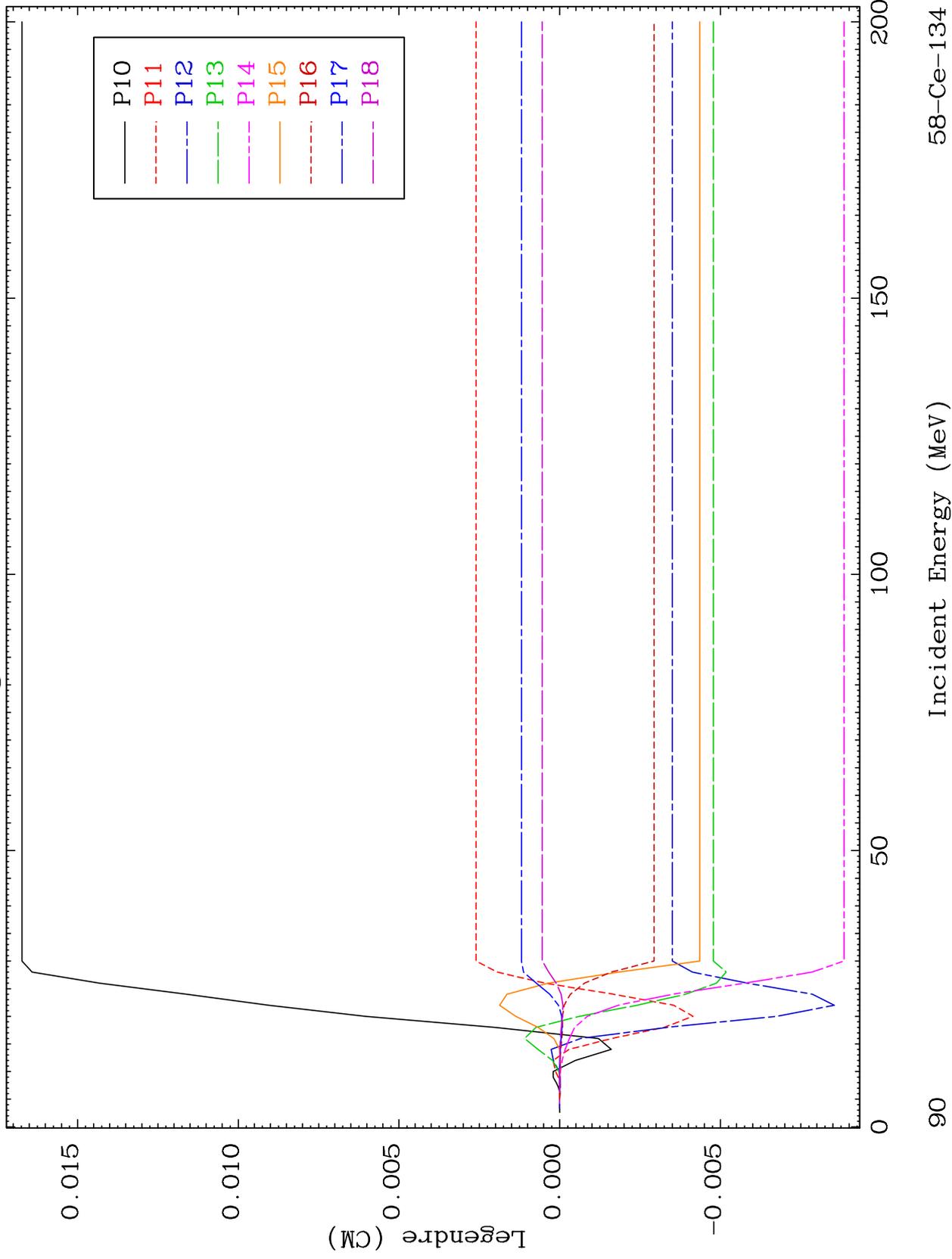
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



58-Ce-134

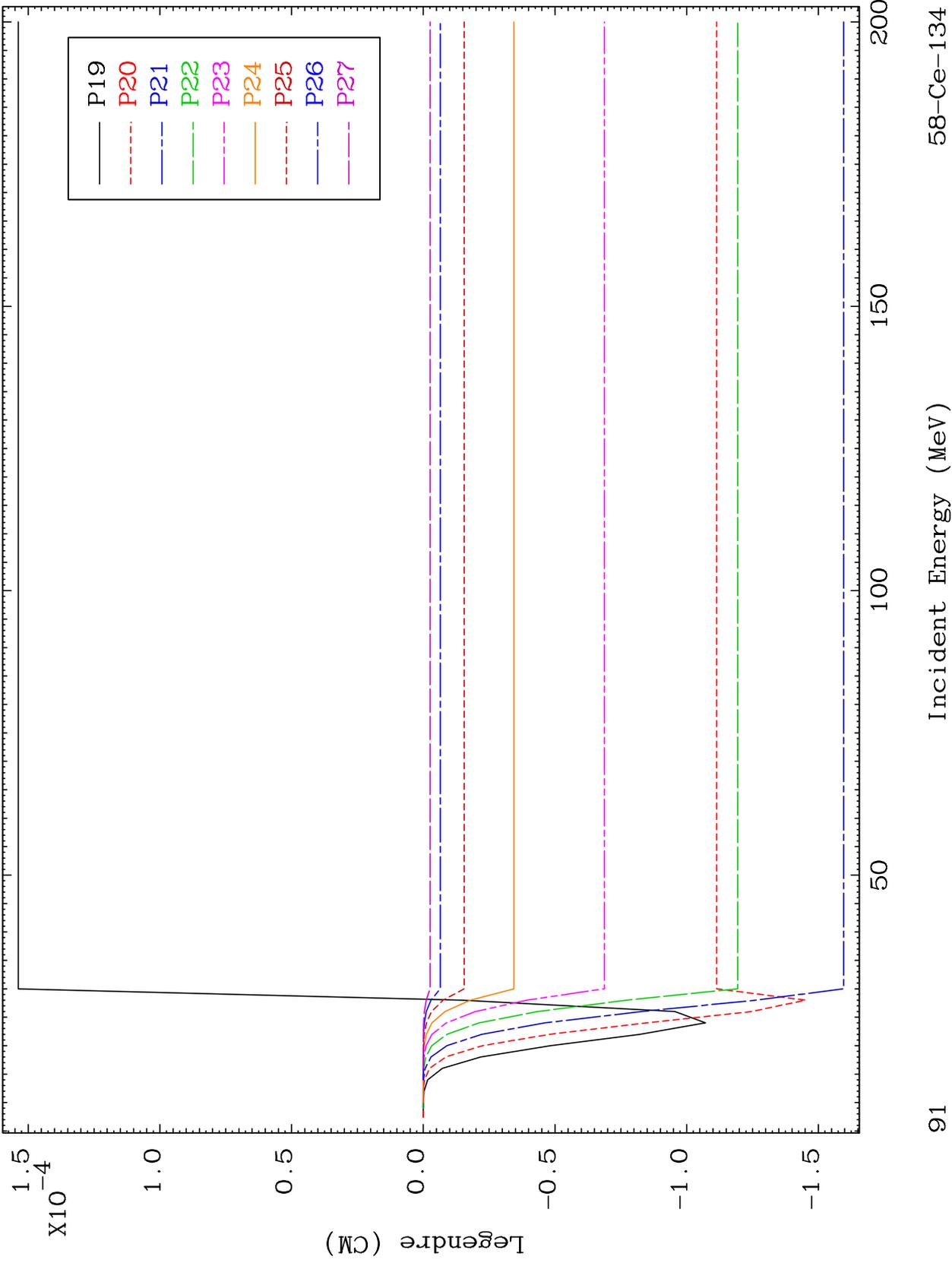
Incident Energy (MeV)

90

MAT 5819

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

58-Ce-134



91

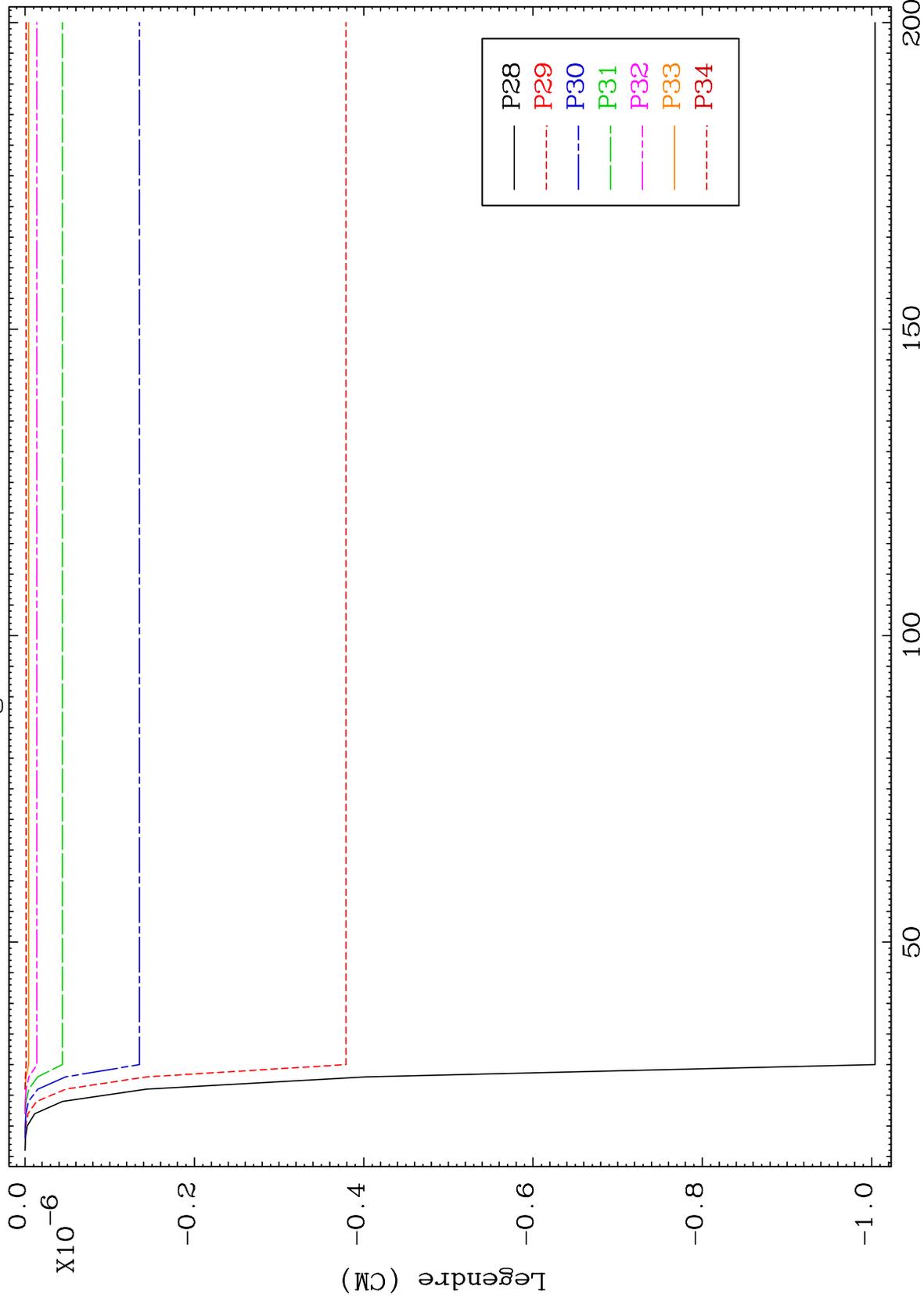
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

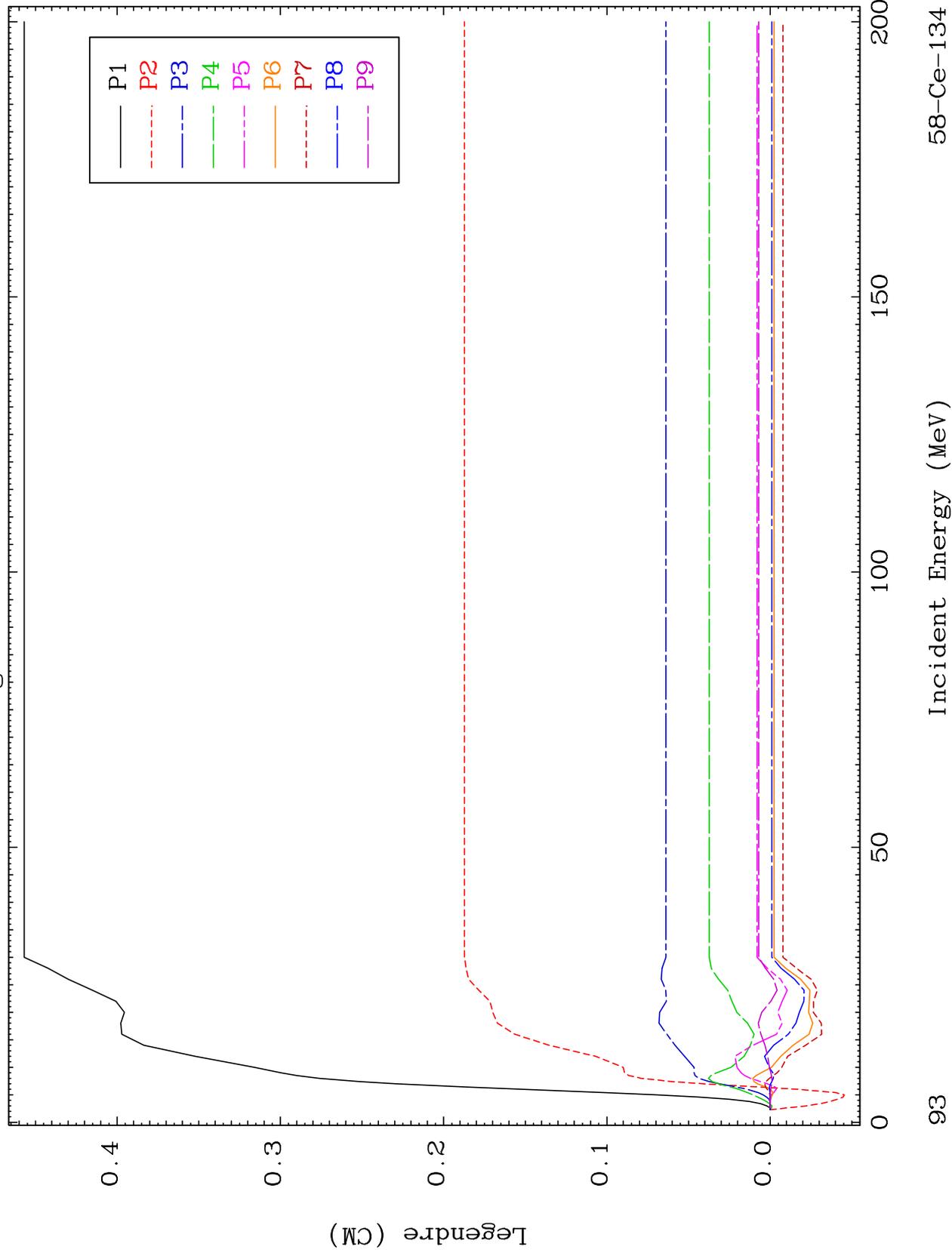
58-Ce-134



MAT 5819

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

58-Ce-134



93

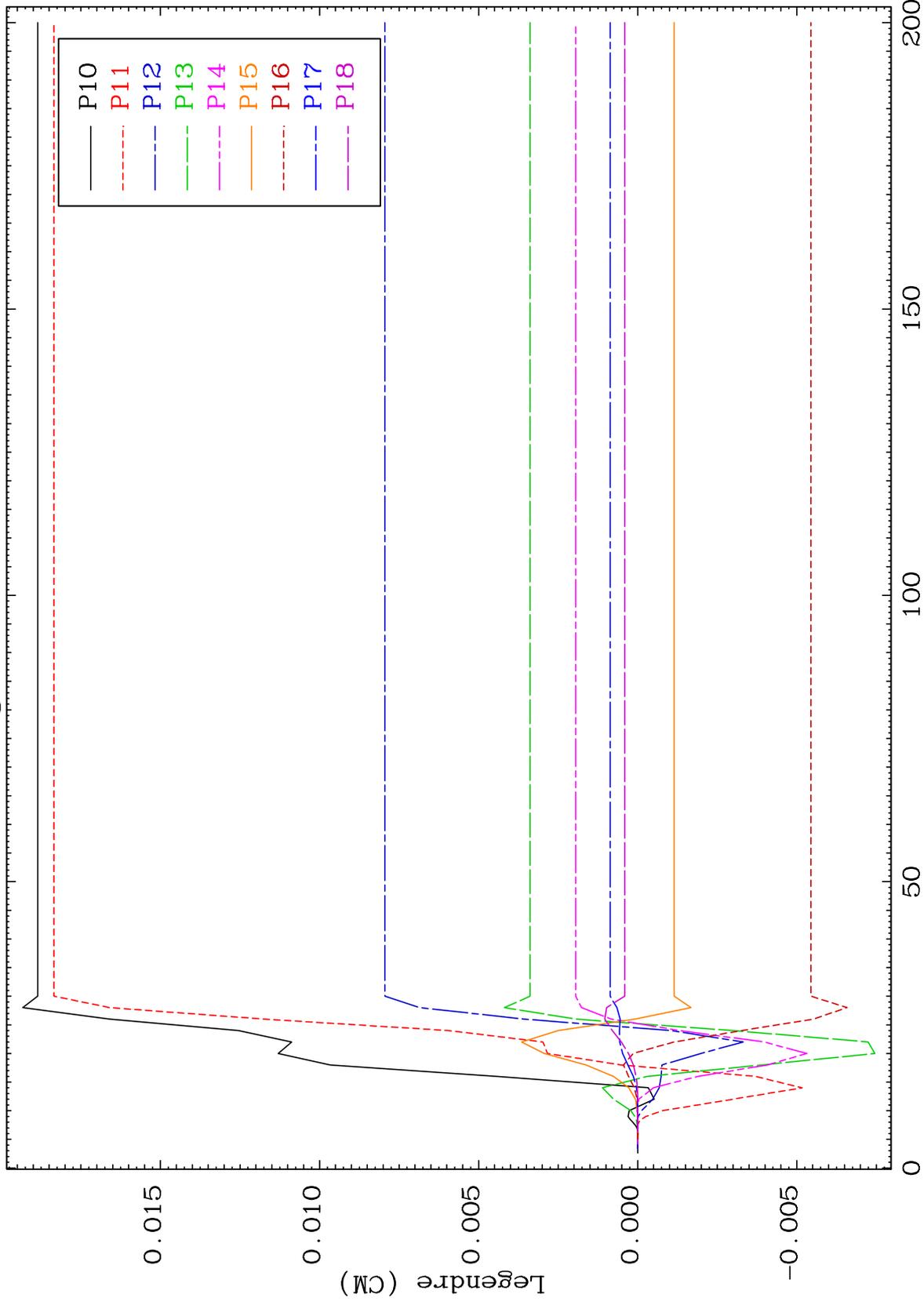
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



94

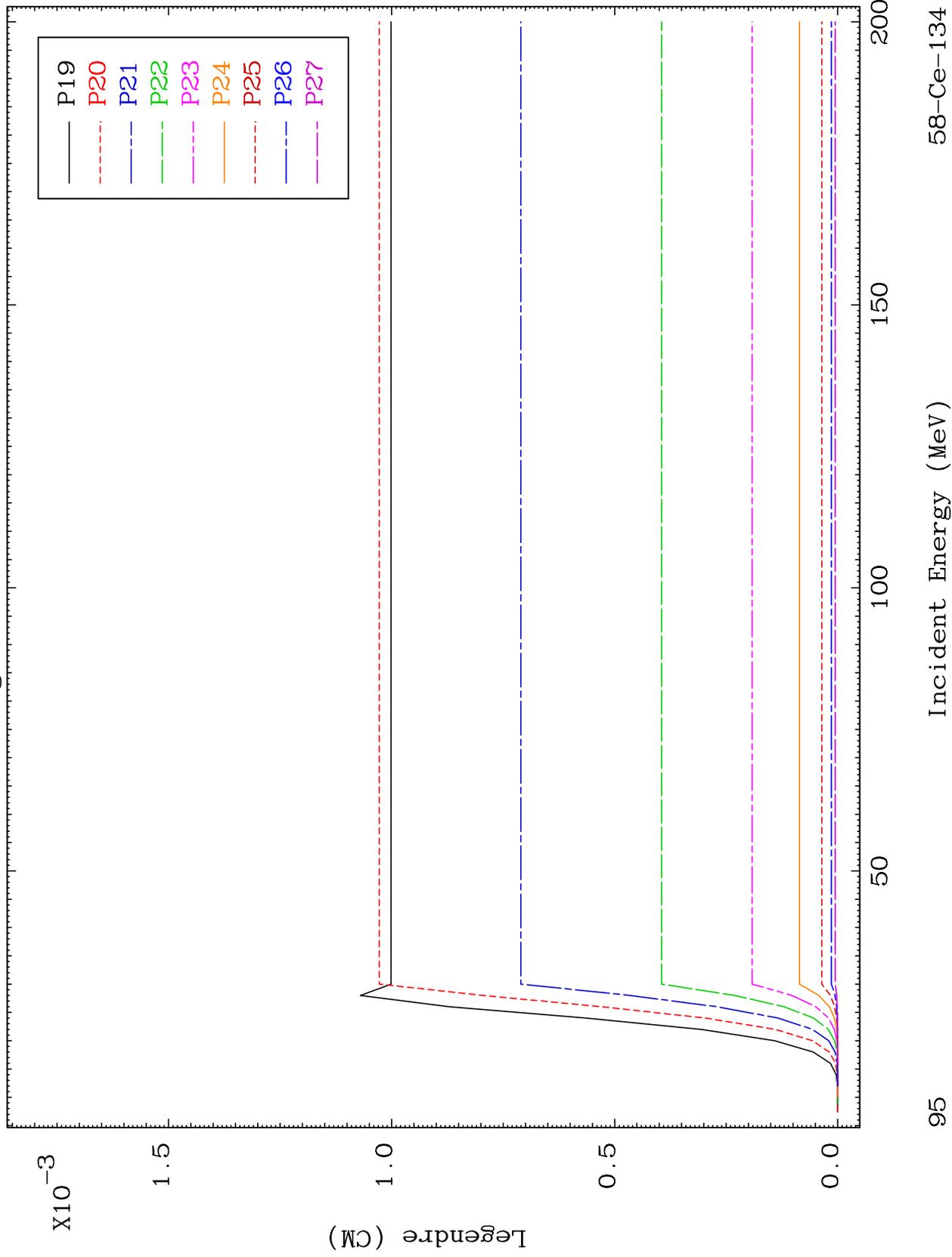
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

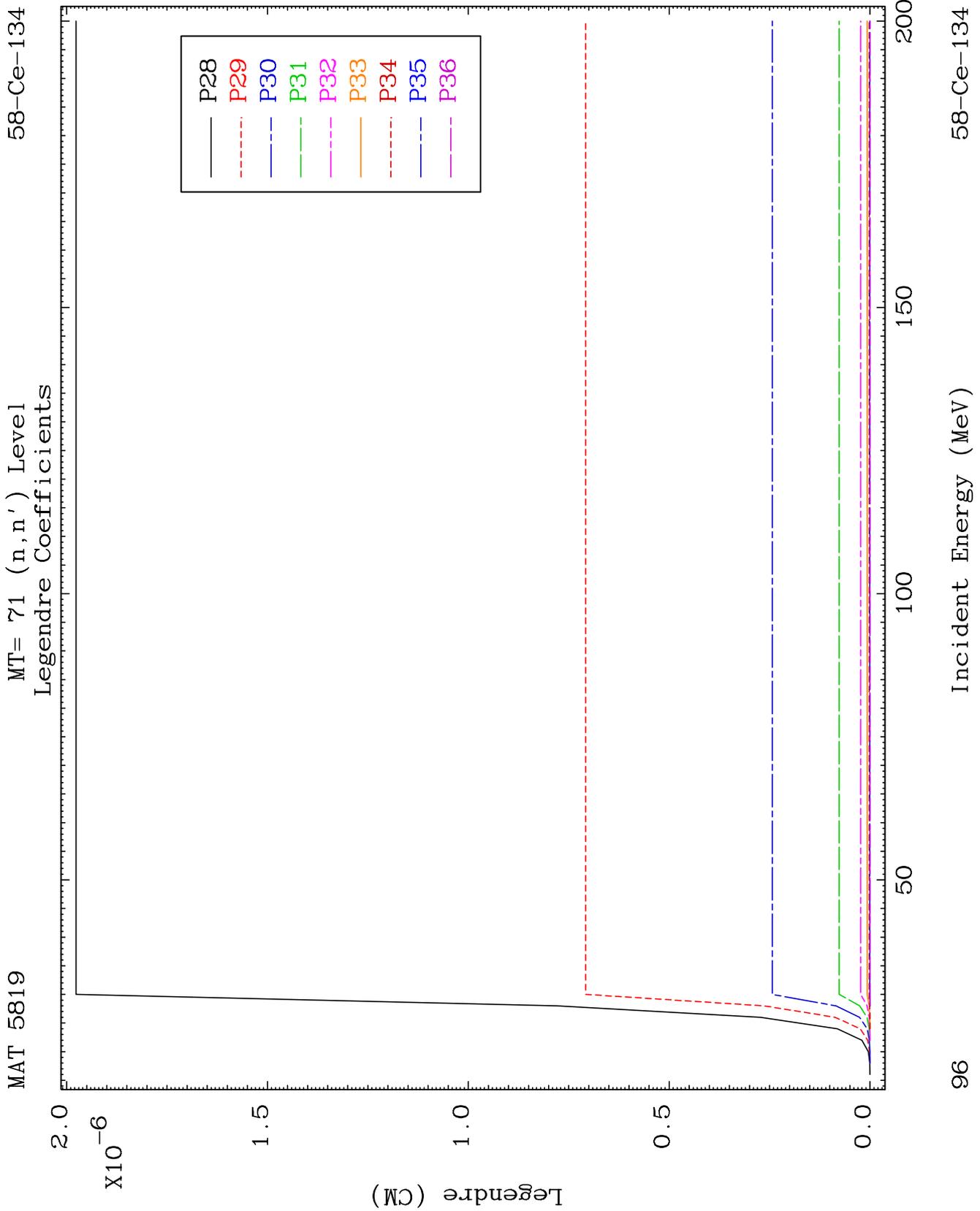
58-Ce-134



95

Incident Energy (MeV)

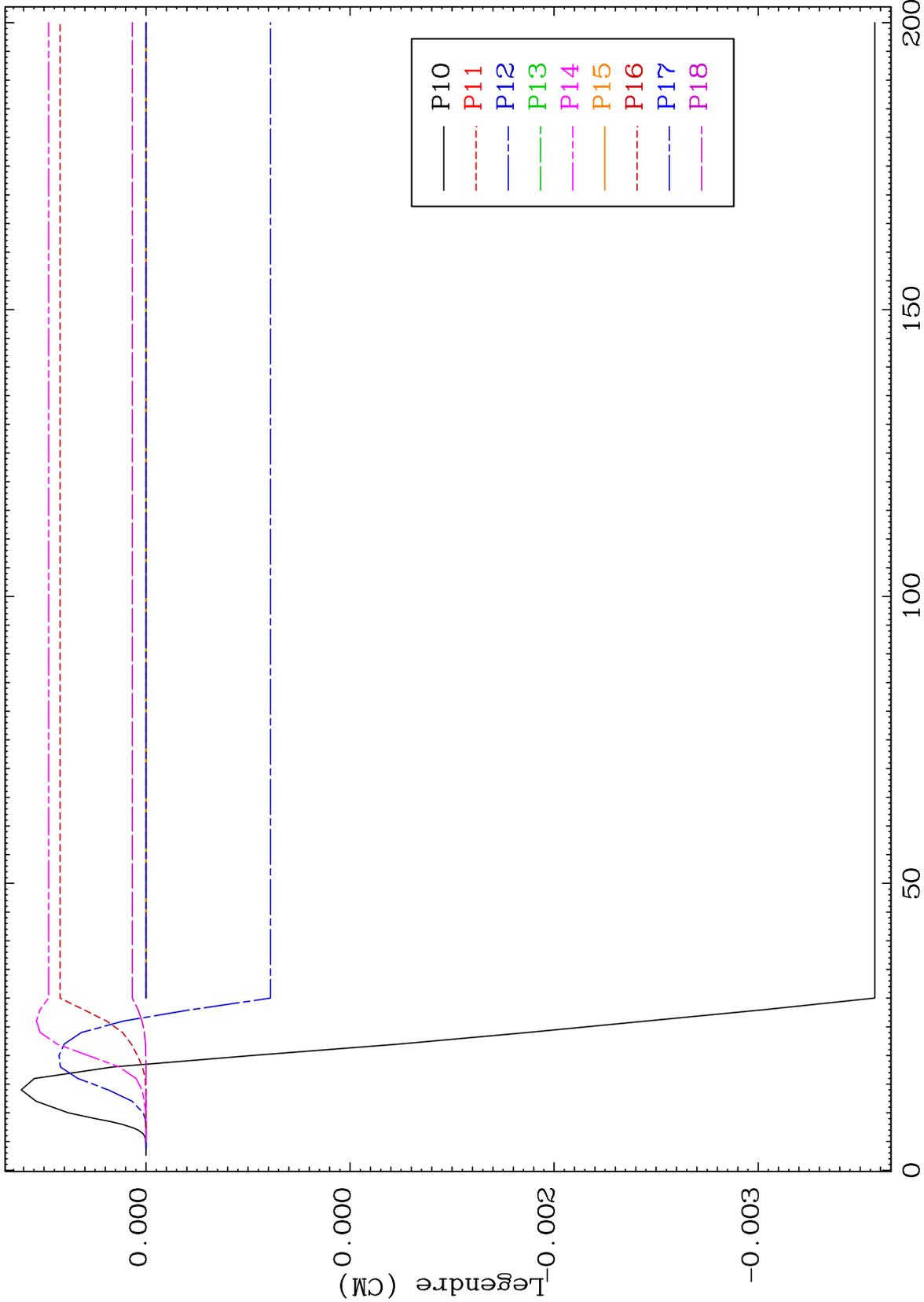
58-Ce-134



MAT 5819

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

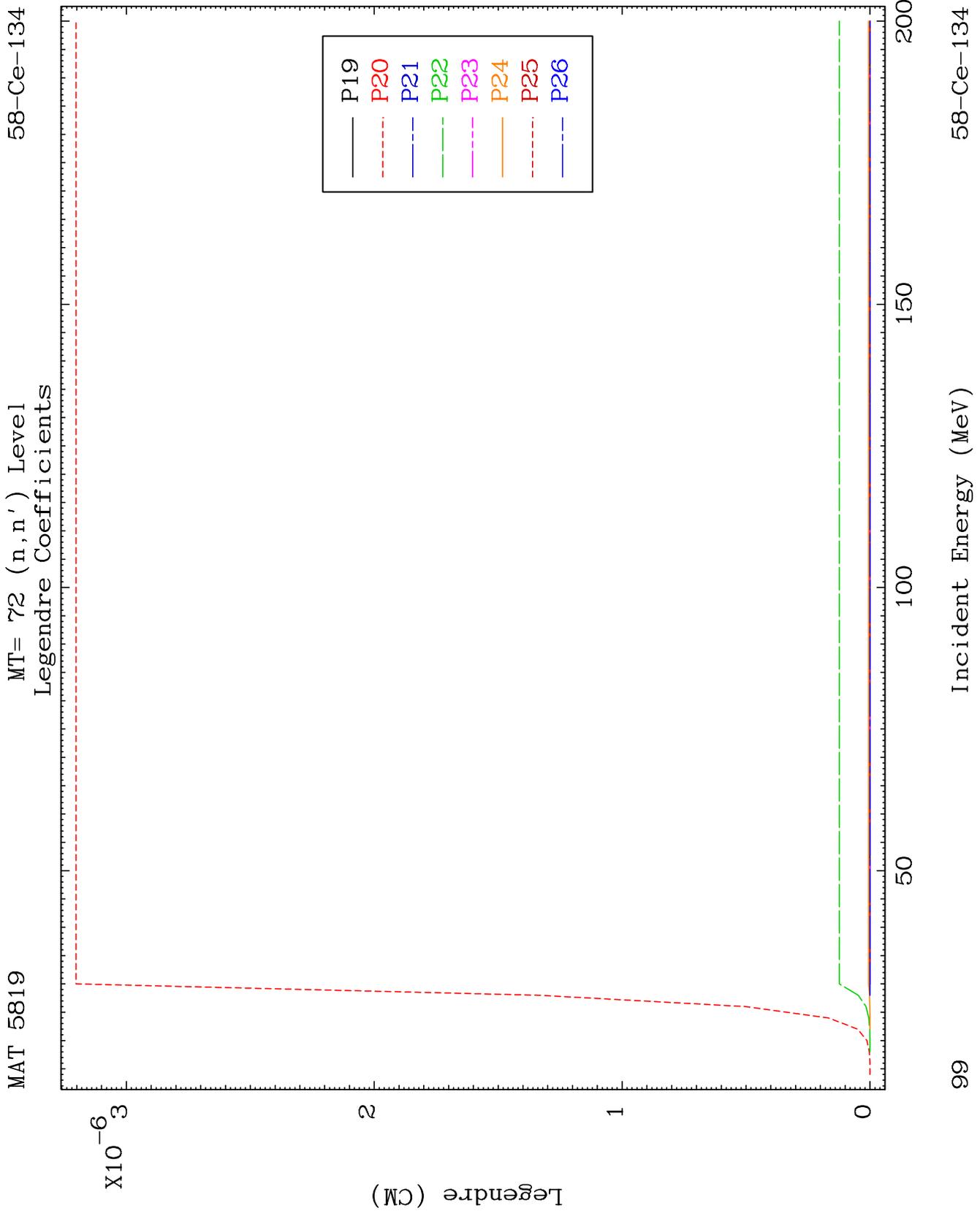
58-Ce-134



98

Incident Energy (MeV)

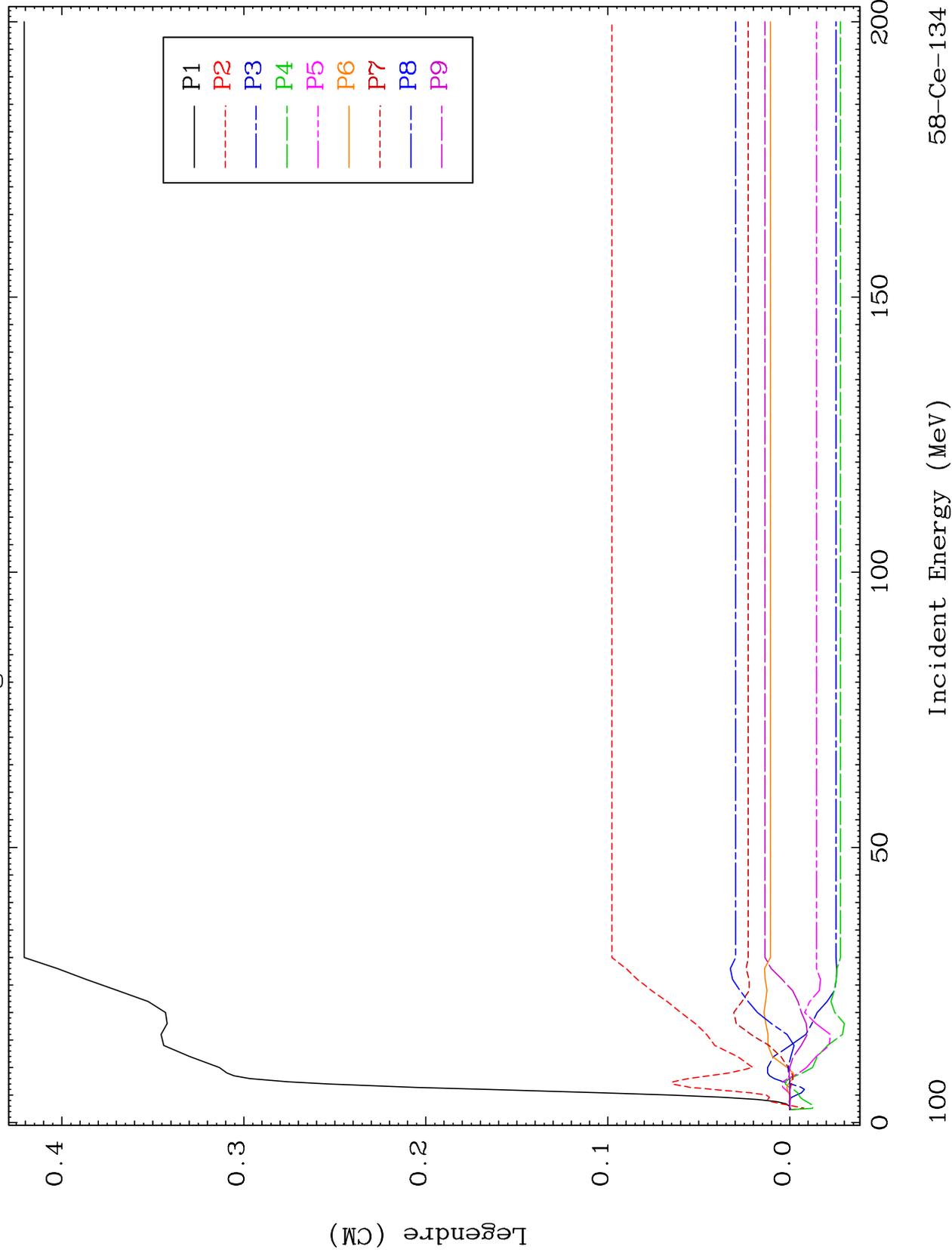
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

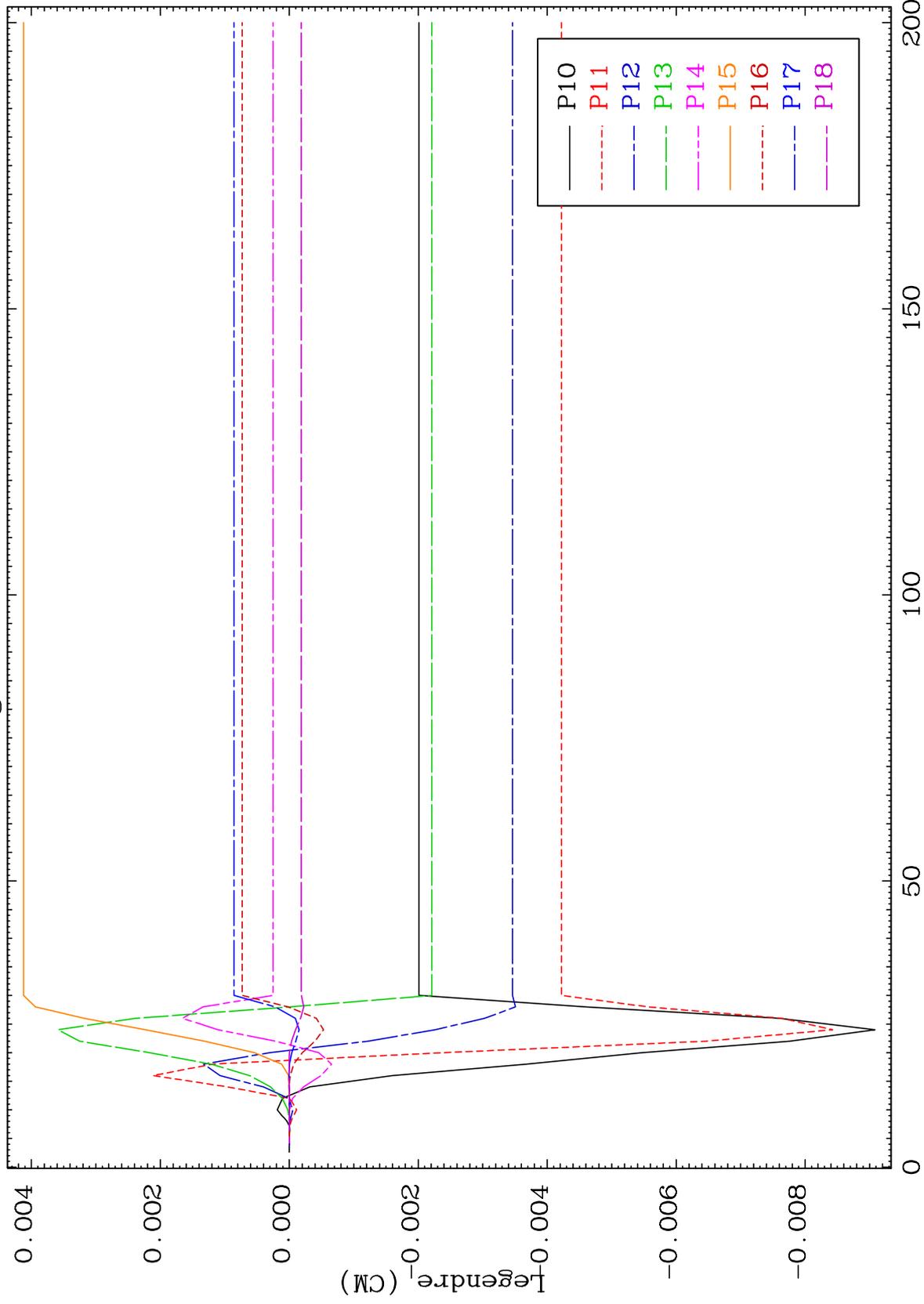
Incident Energy (MeV)

100

MAT 5819

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

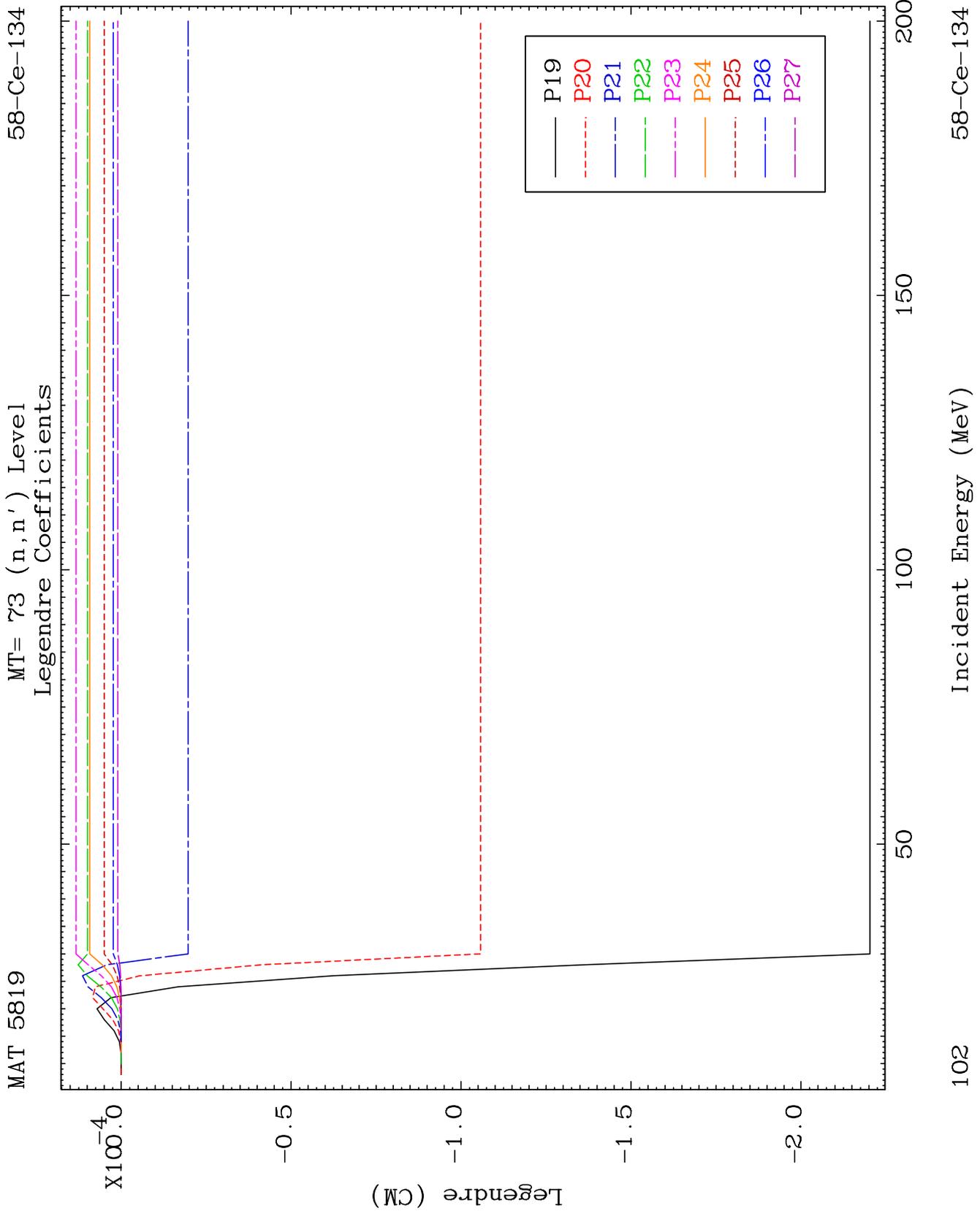
58-Ce-134



101

Incident Energy (MeV)

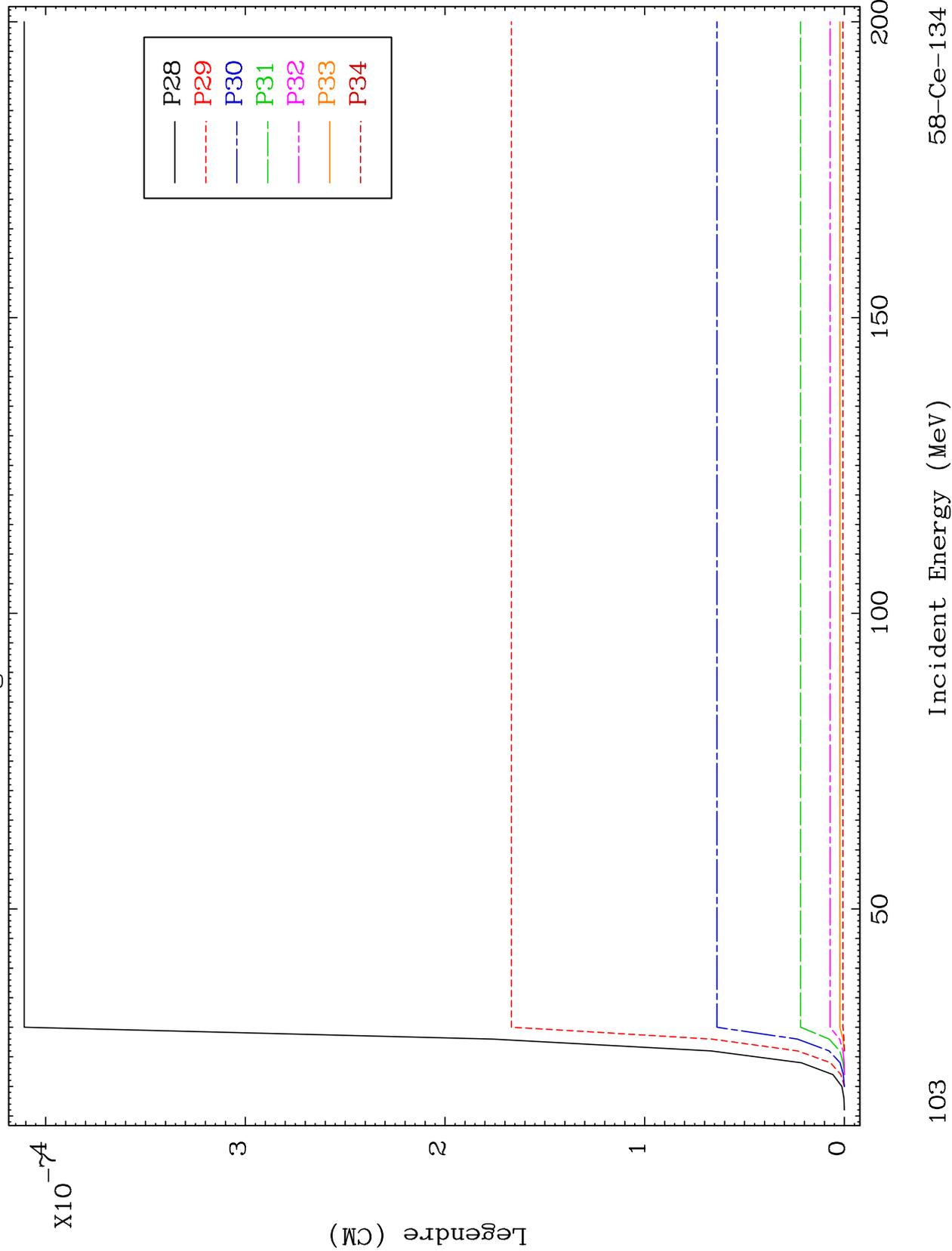
58-Ce-134



MAT 5819

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

58-Ce-134



103

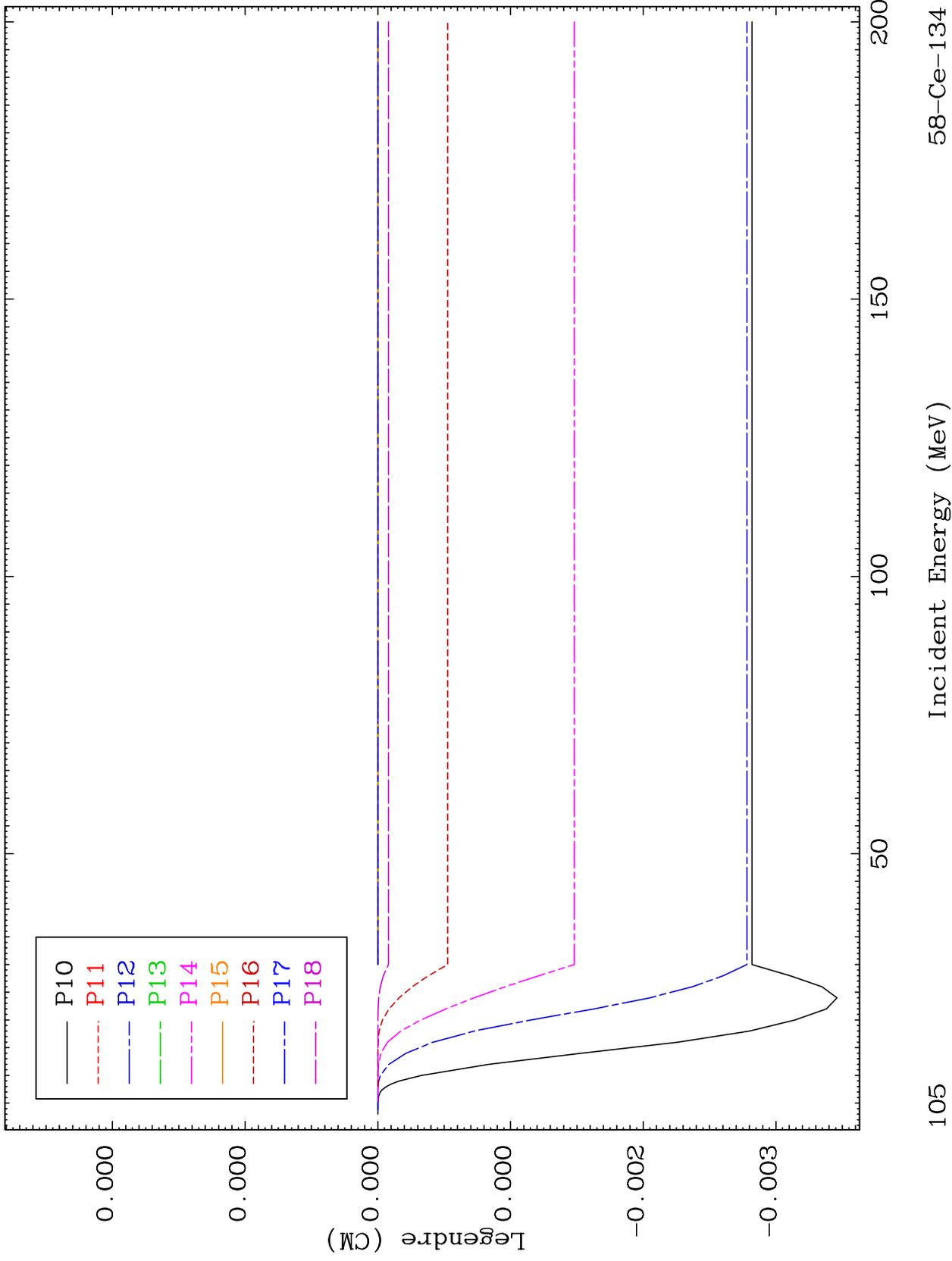
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

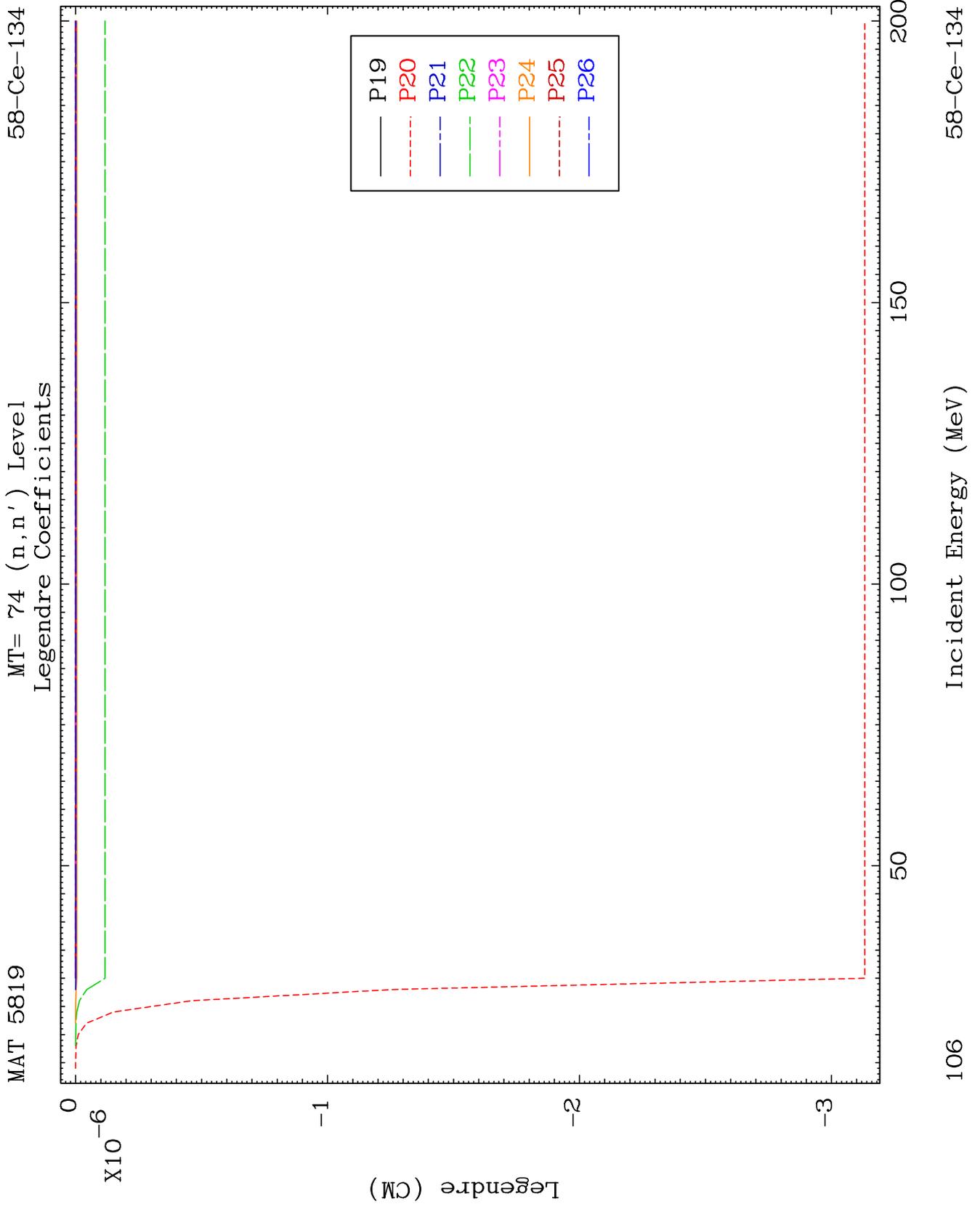
58-Ce-134



105

Incident Energy (MeV)

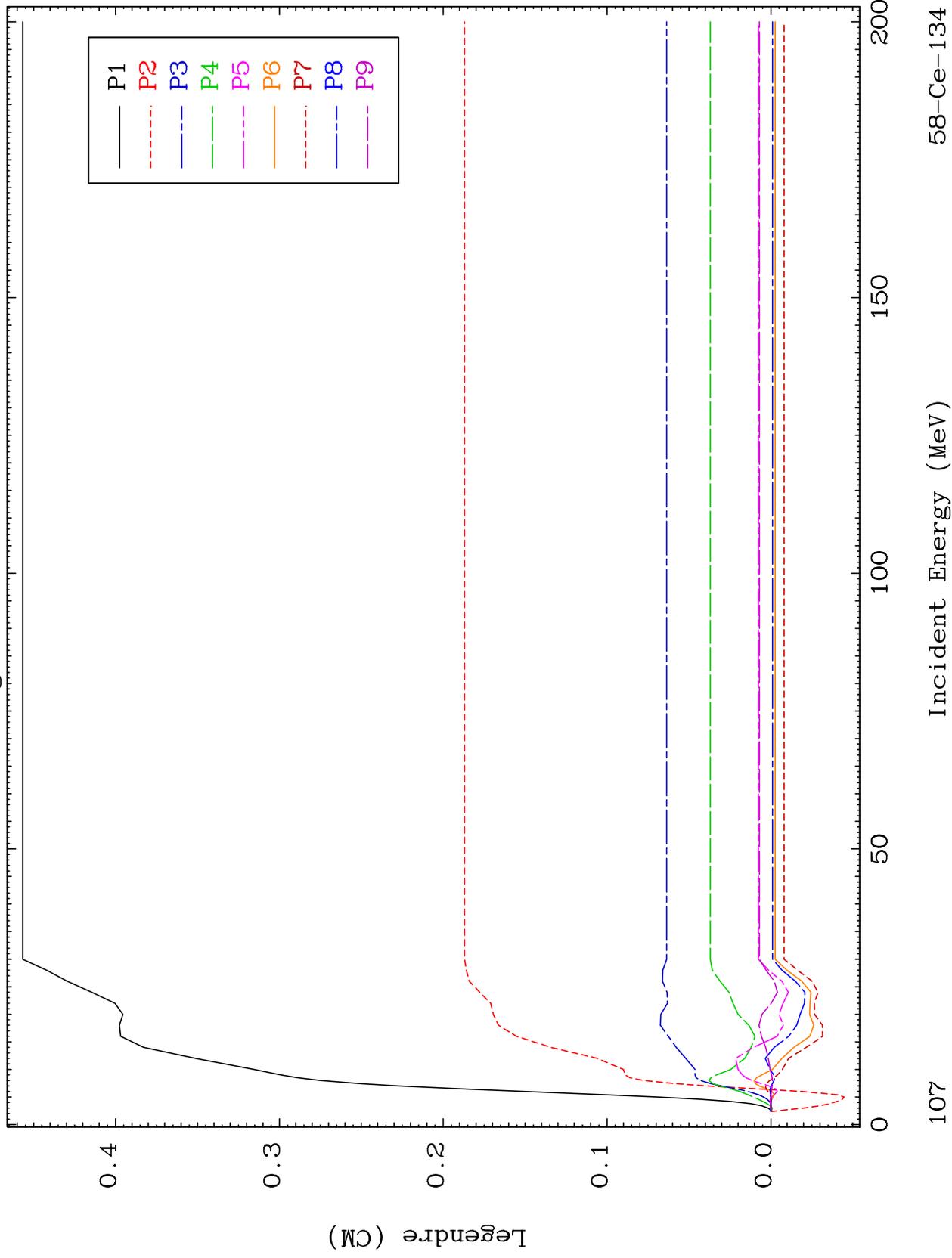
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

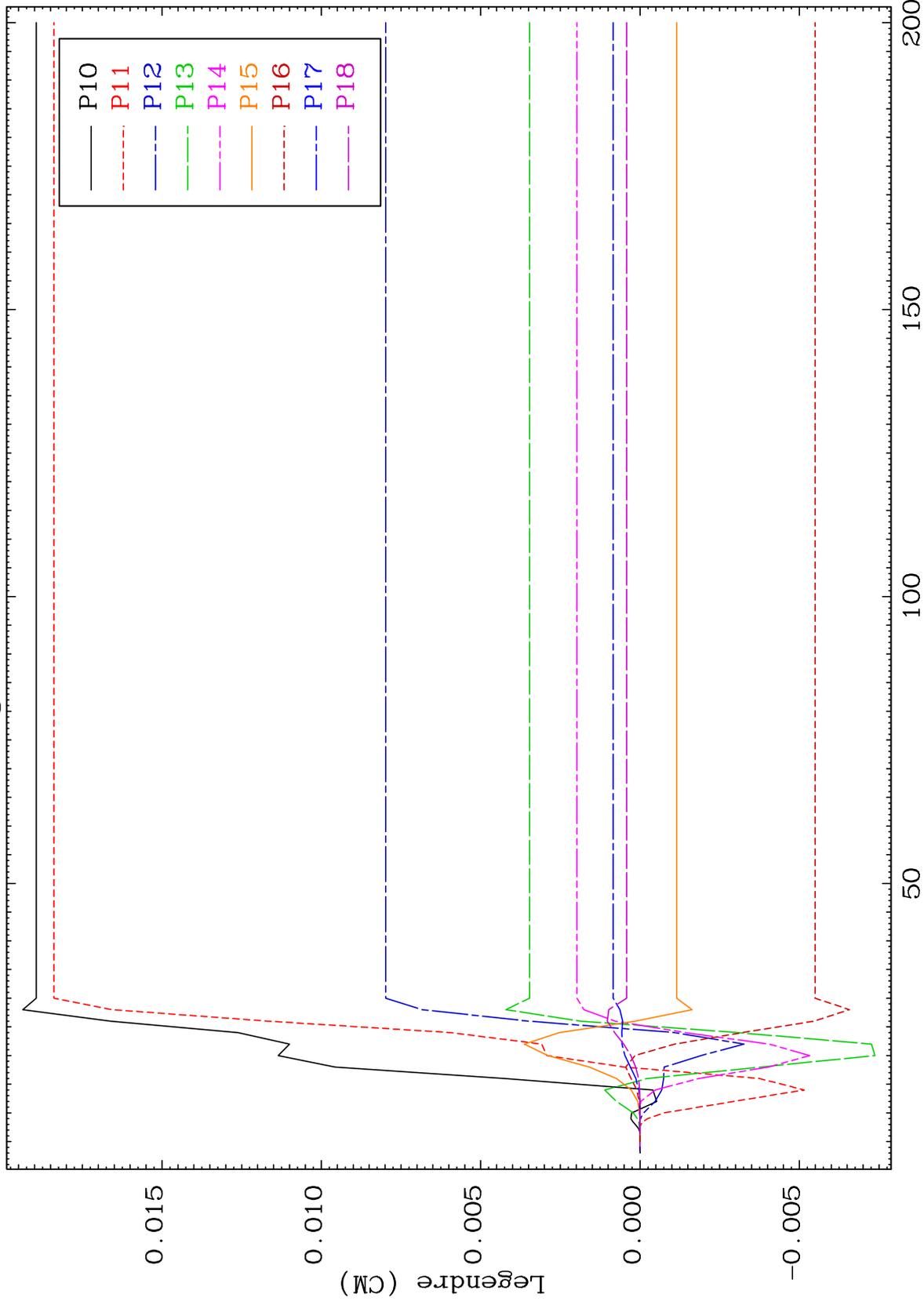
Incident Energy (MeV)

107

MAT 5819

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

58-Ce-134



108

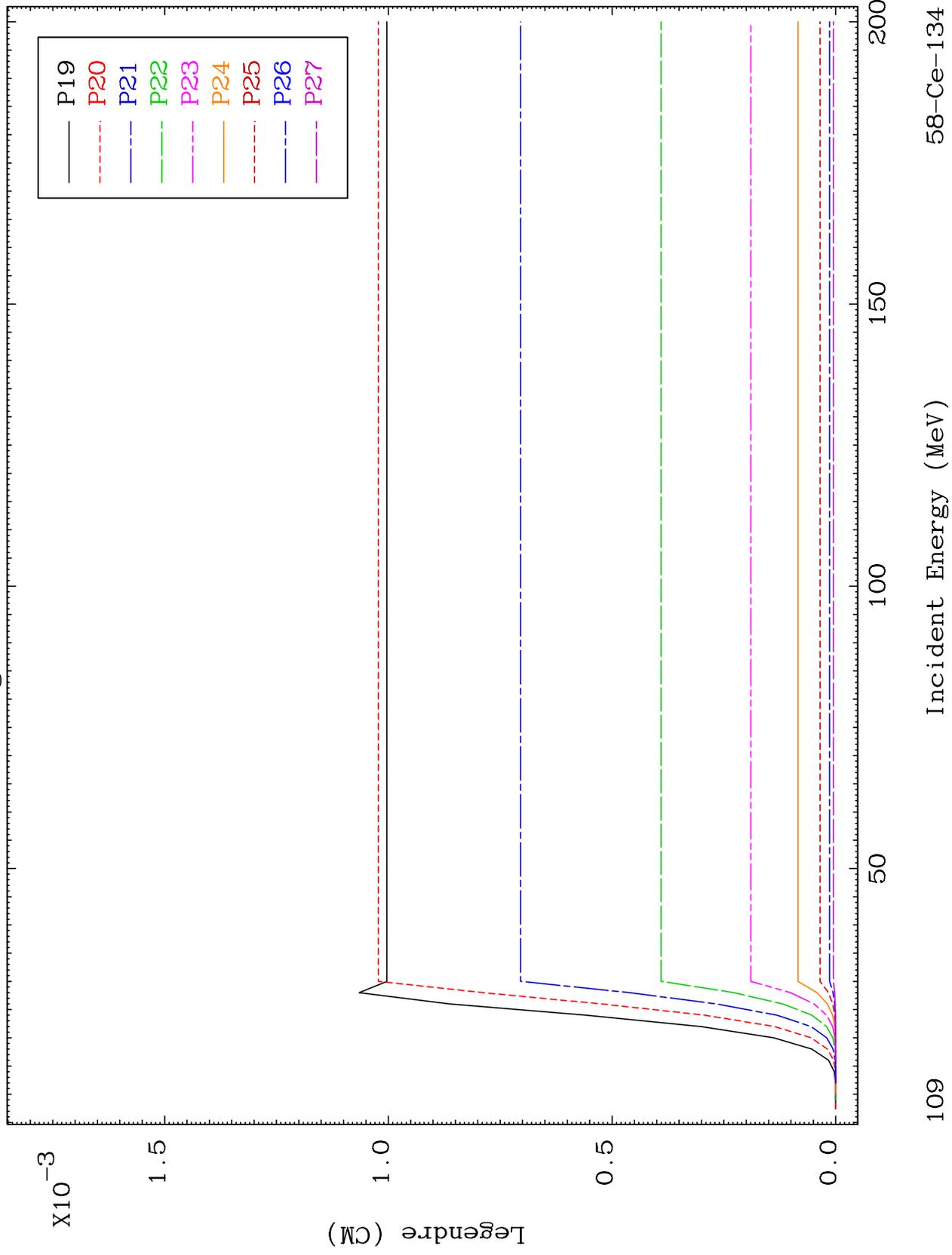
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



109

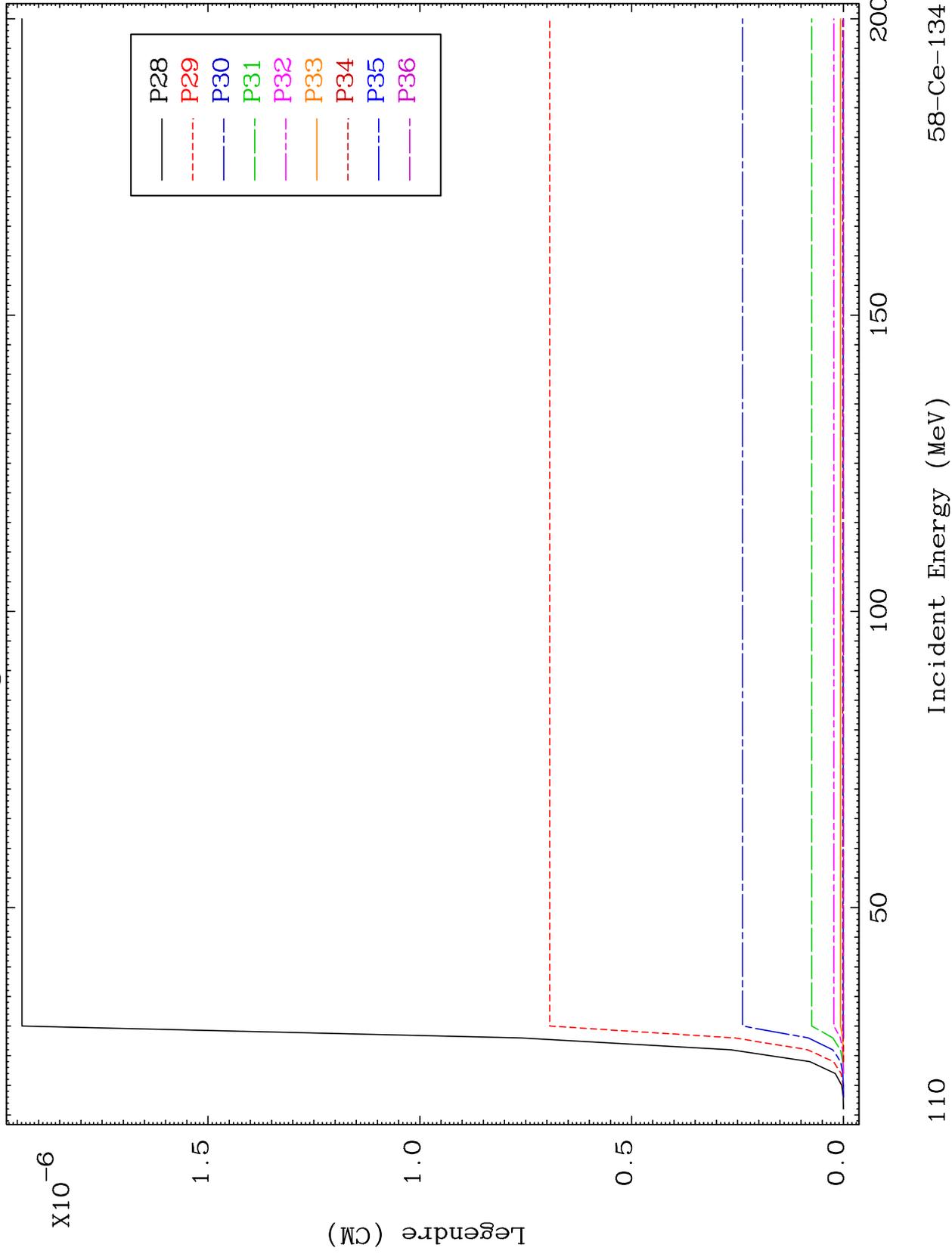
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134

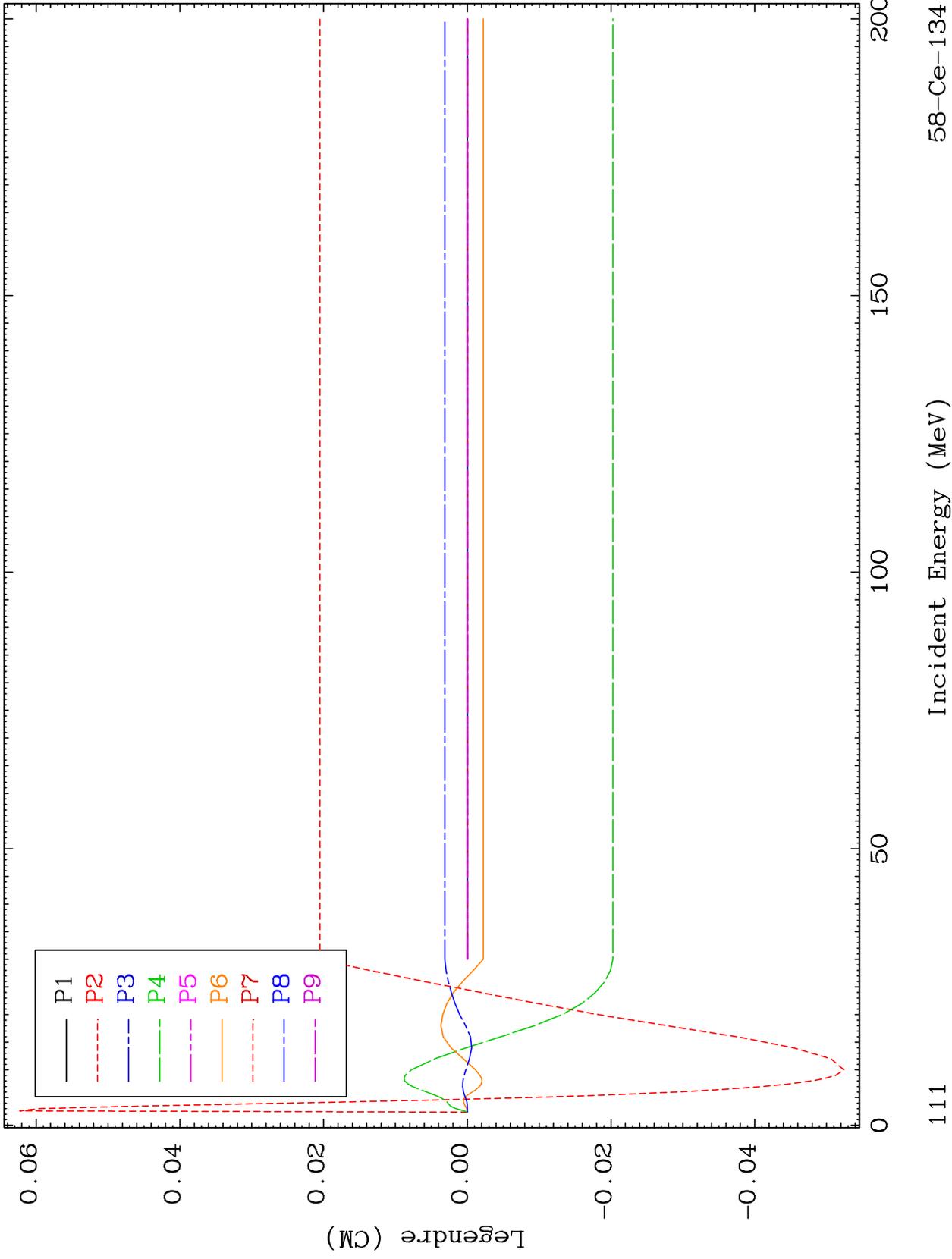


58-Ce-134

MAT 5819

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

58-Ce-134

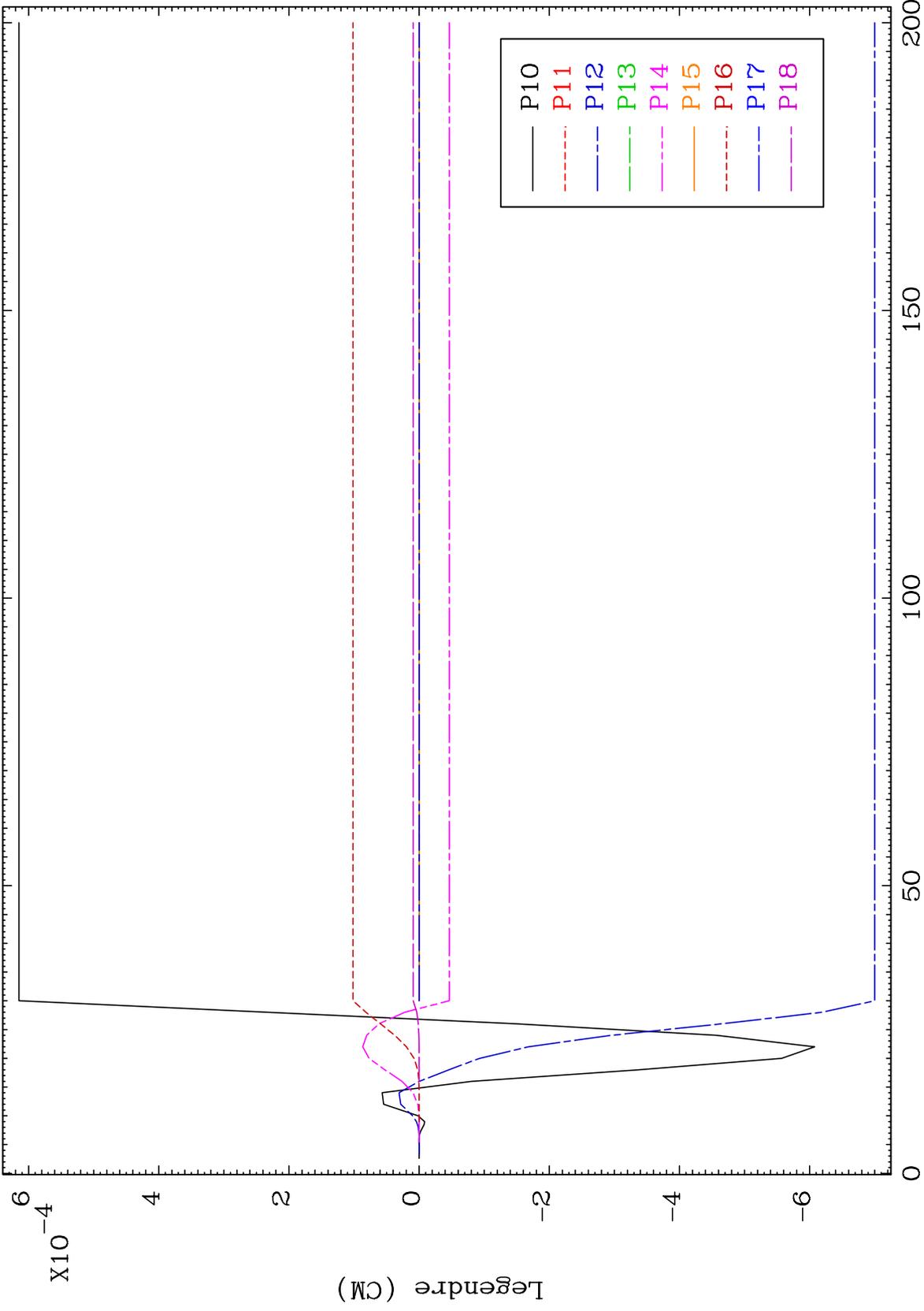


111

MAT 5819

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

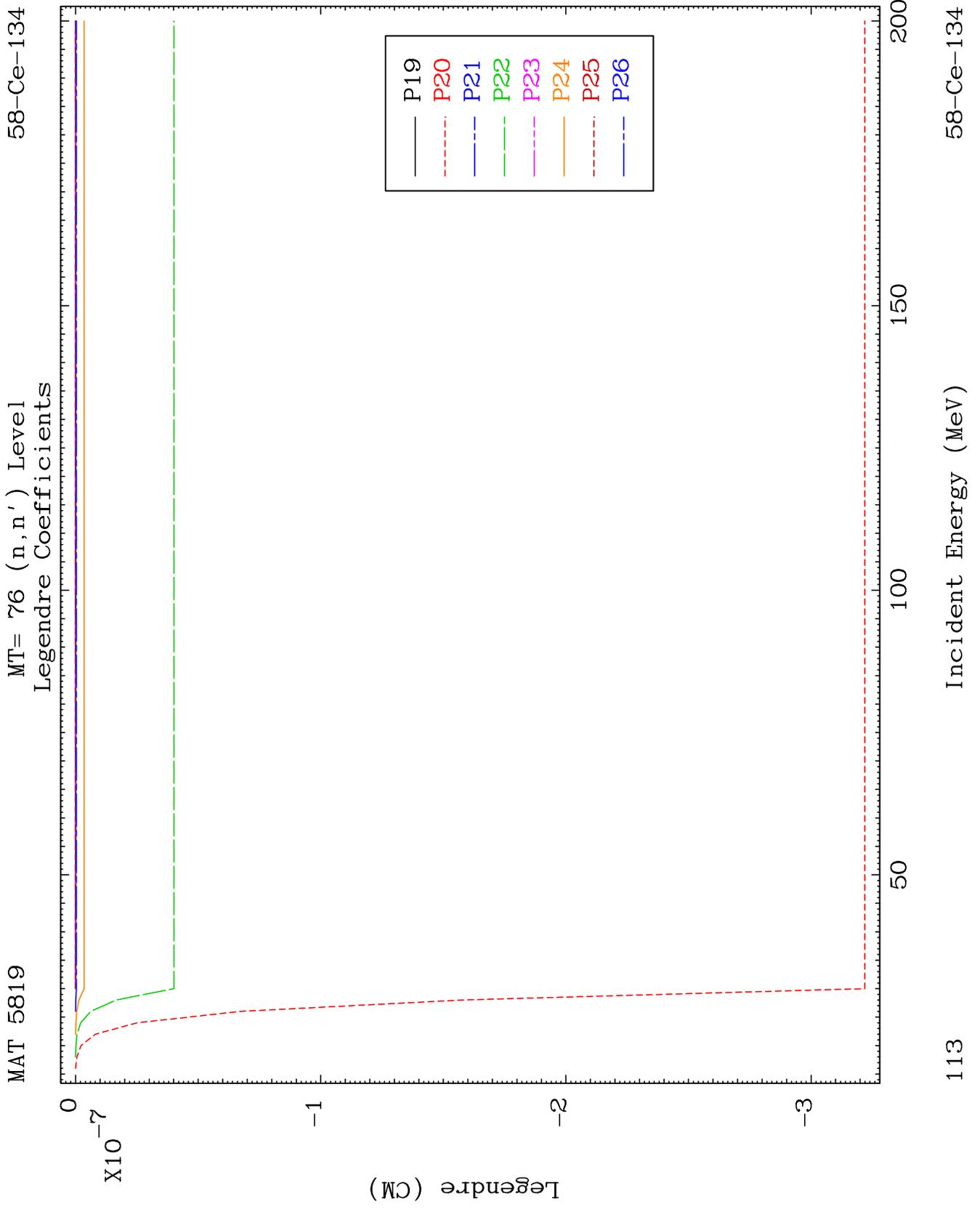
58-Ce-134



112

Incident Energy (MeV)

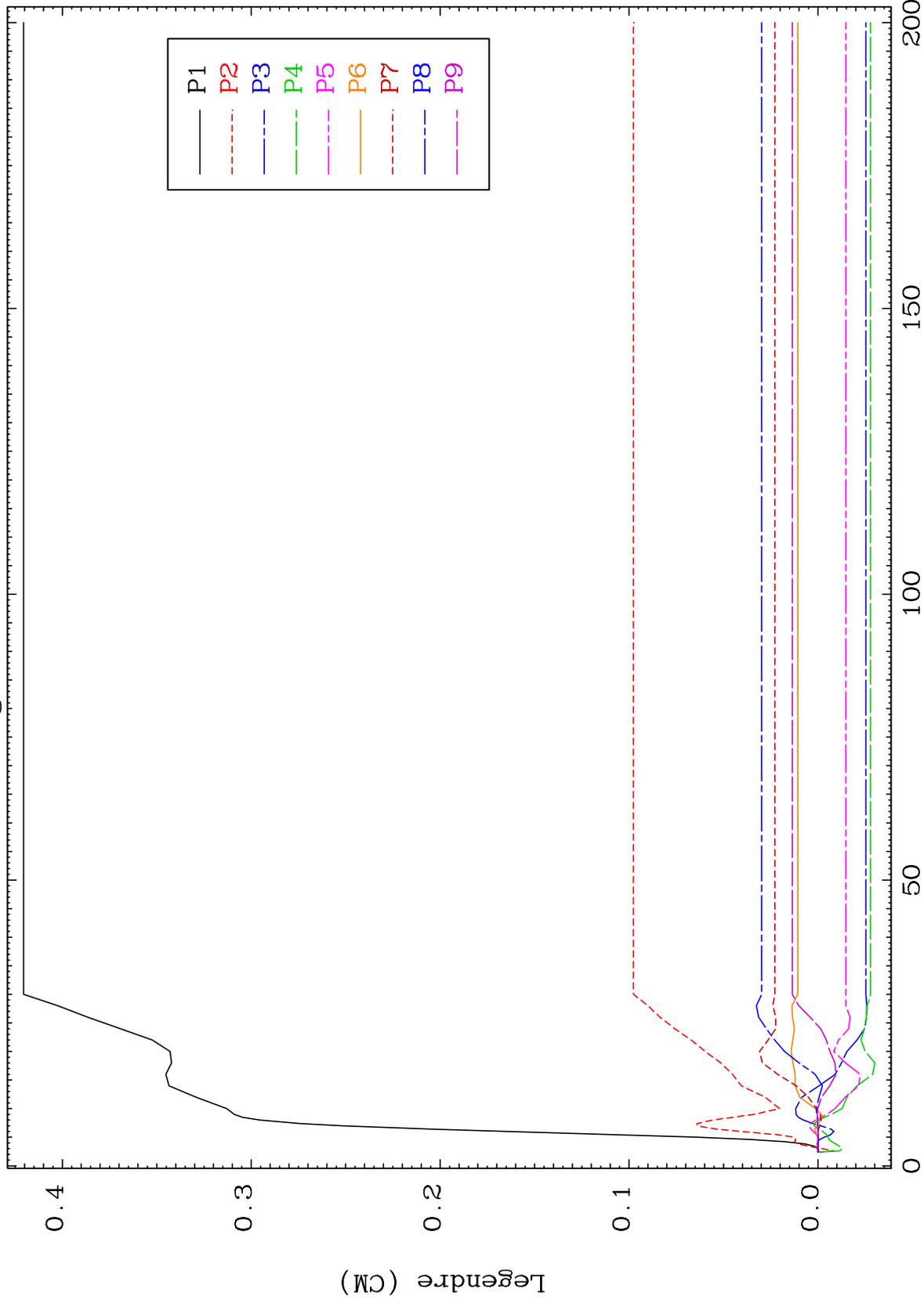
58-Ce-134



MAT 5819

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

58-Ce-134



114

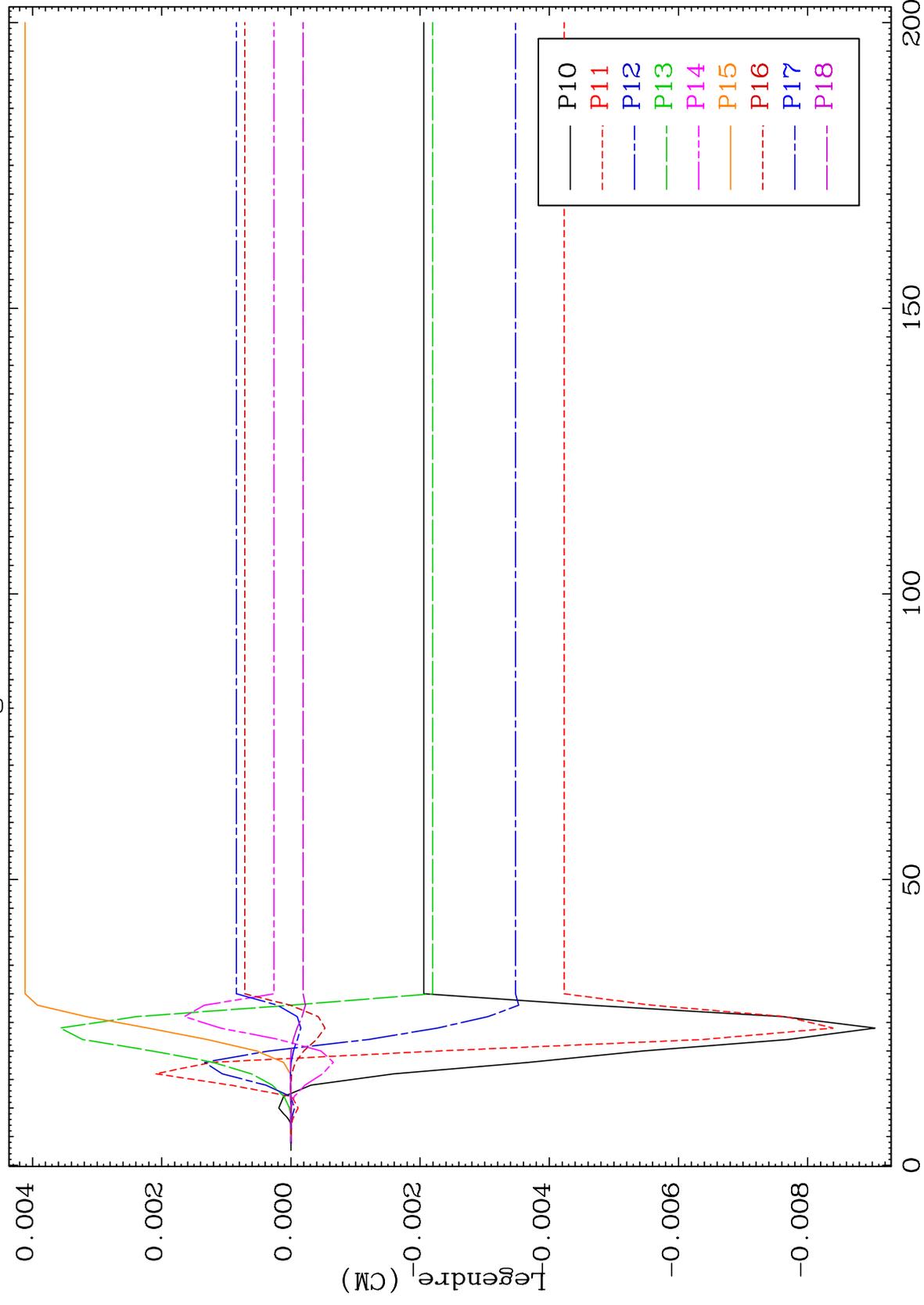
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



115

Incident Energy (MeV)

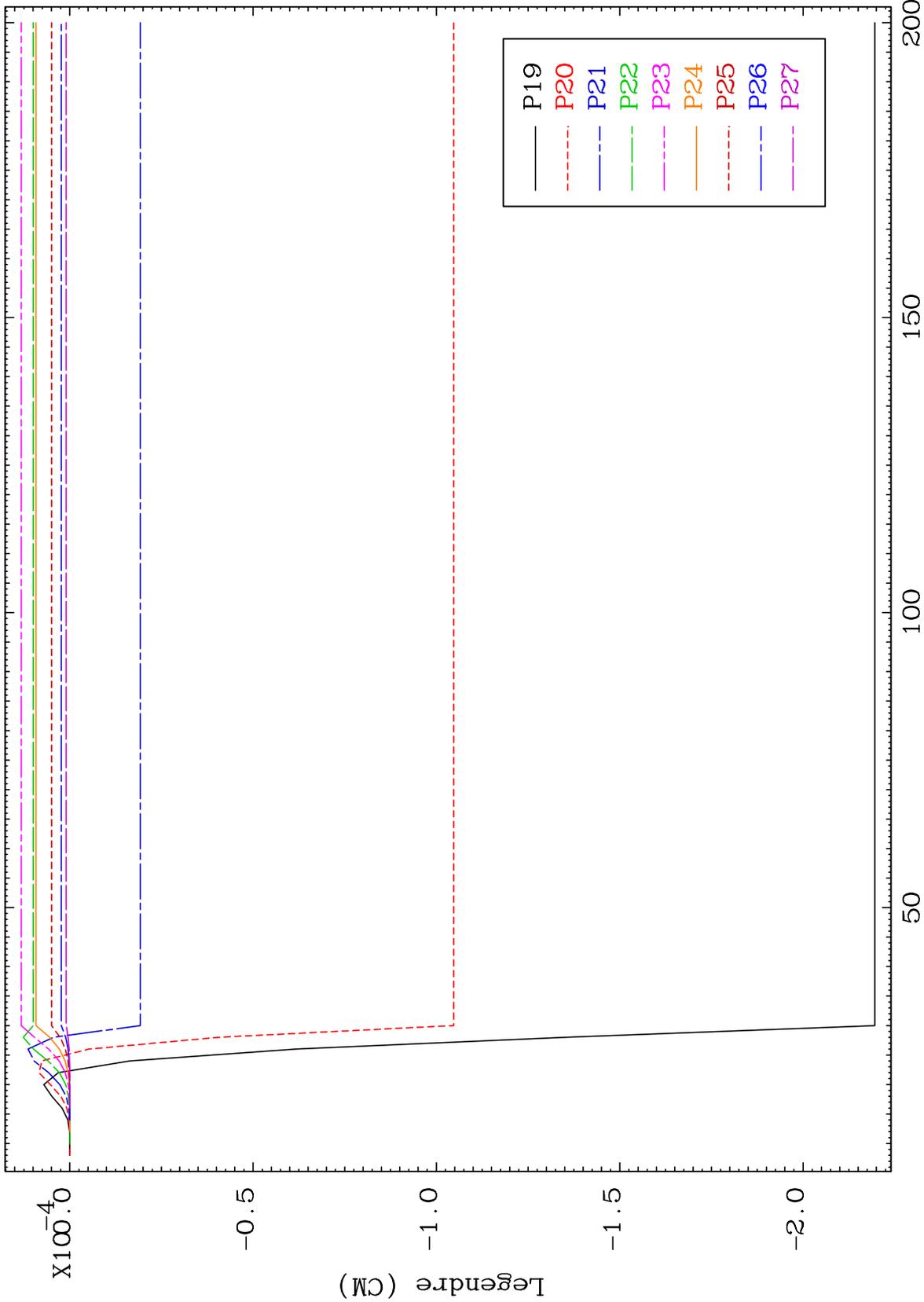
58-Ce-134

MAT 5819

MT= 77 (n,n') Level

58-Ce-134

Legendre Coefficients



116

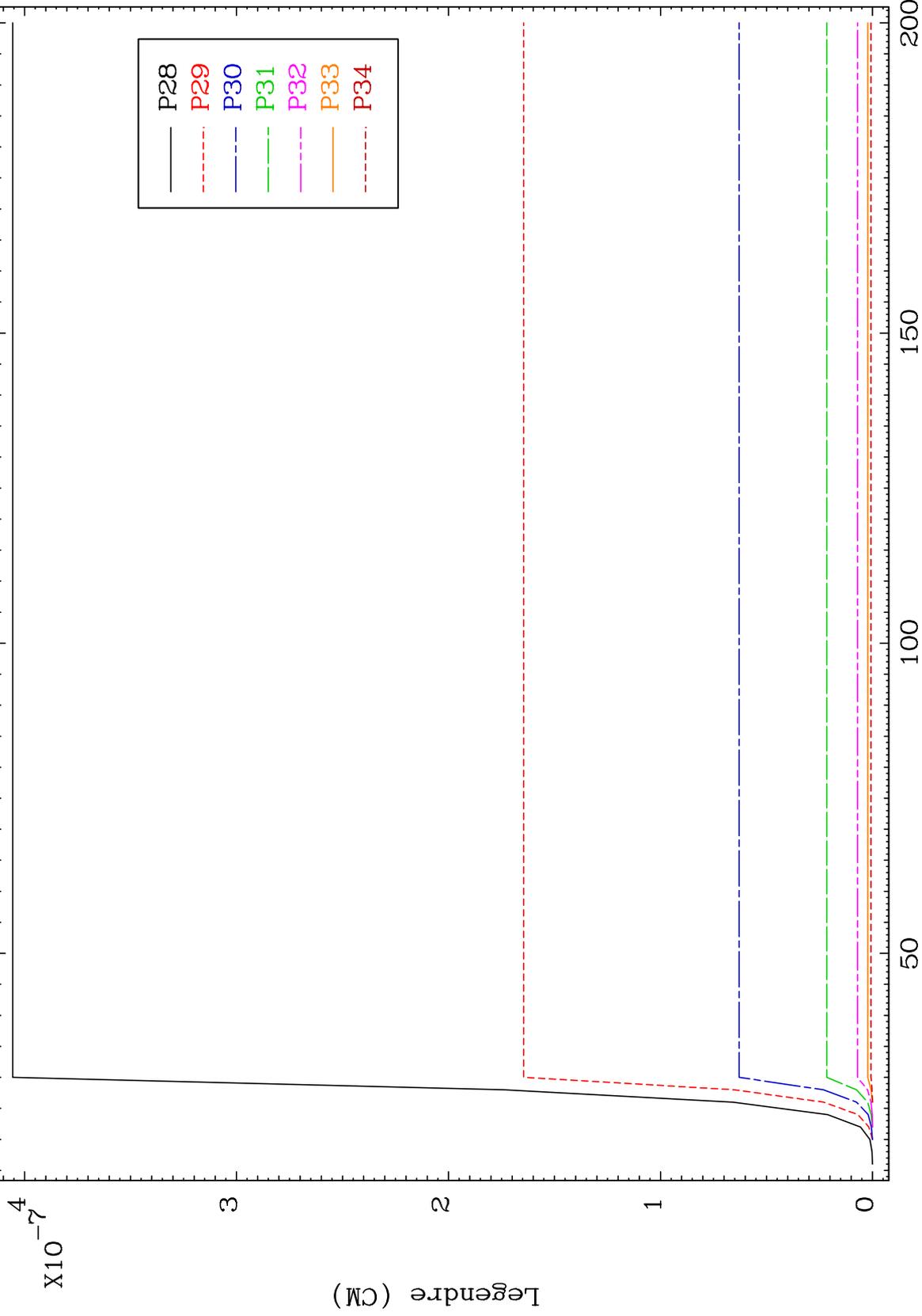
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

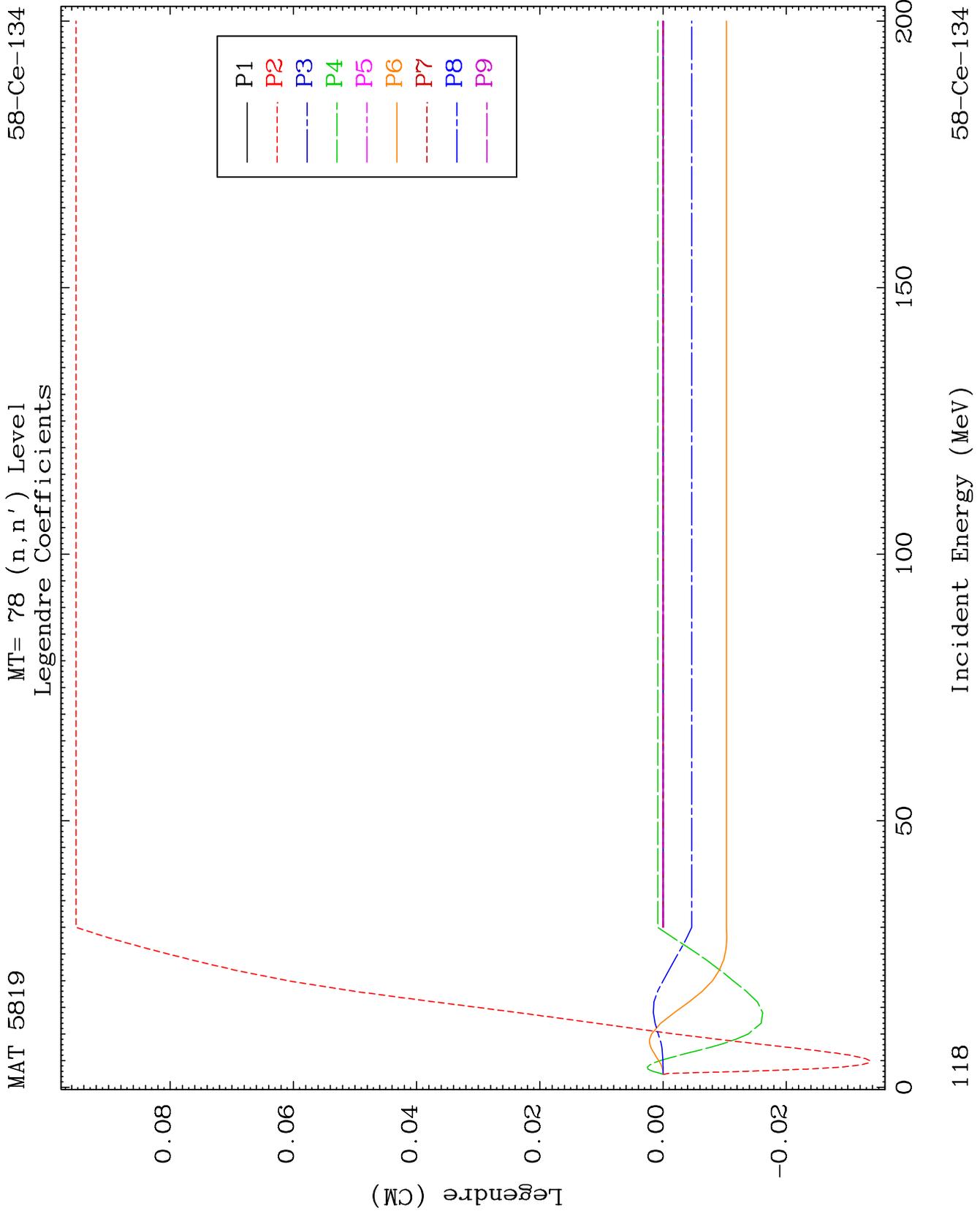
58-Ce-134



117

Incident Energy (MeV)

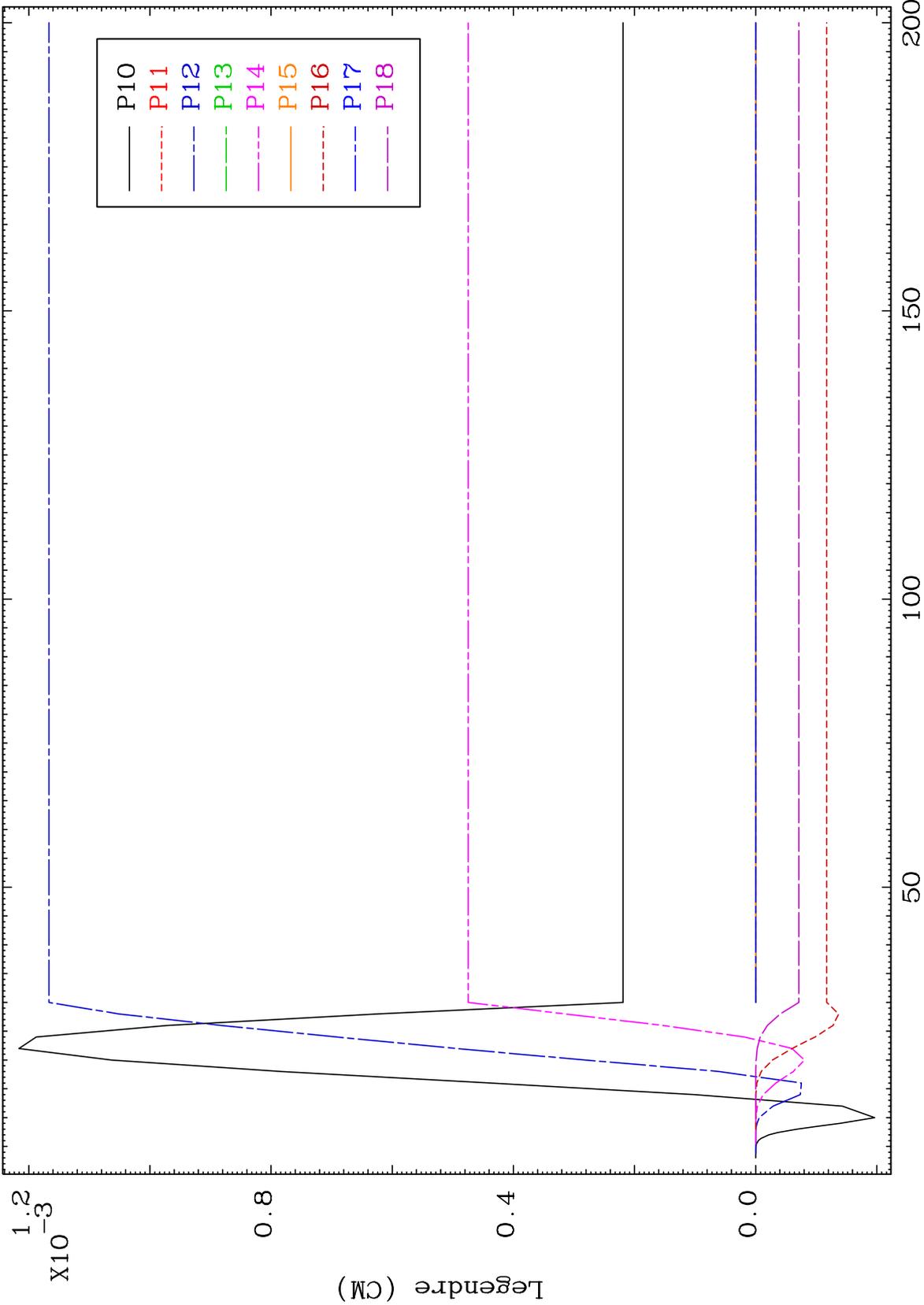
58-Ce-134



MAT 5819

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

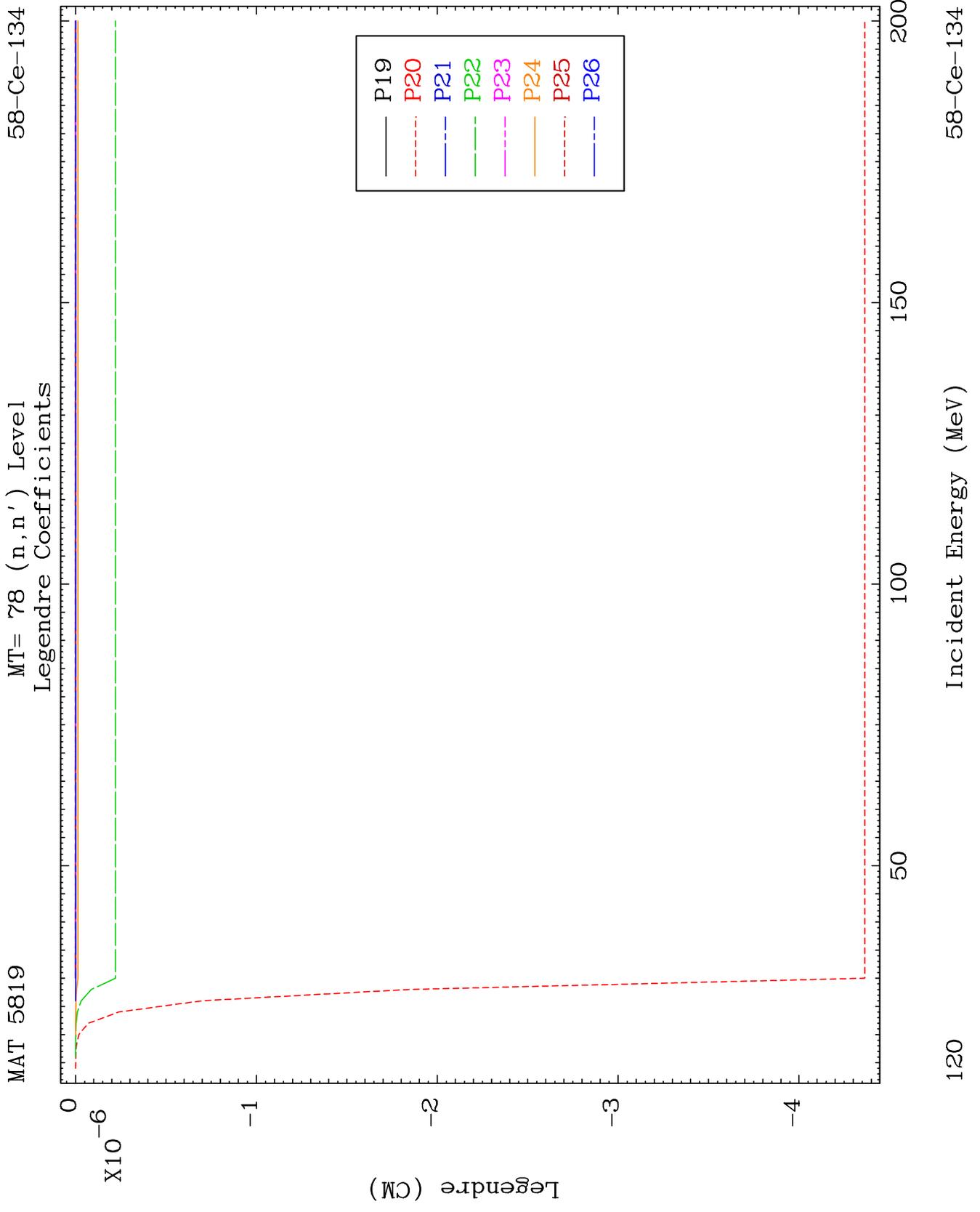
58-Ce-134



119

Incident Energy (MeV)

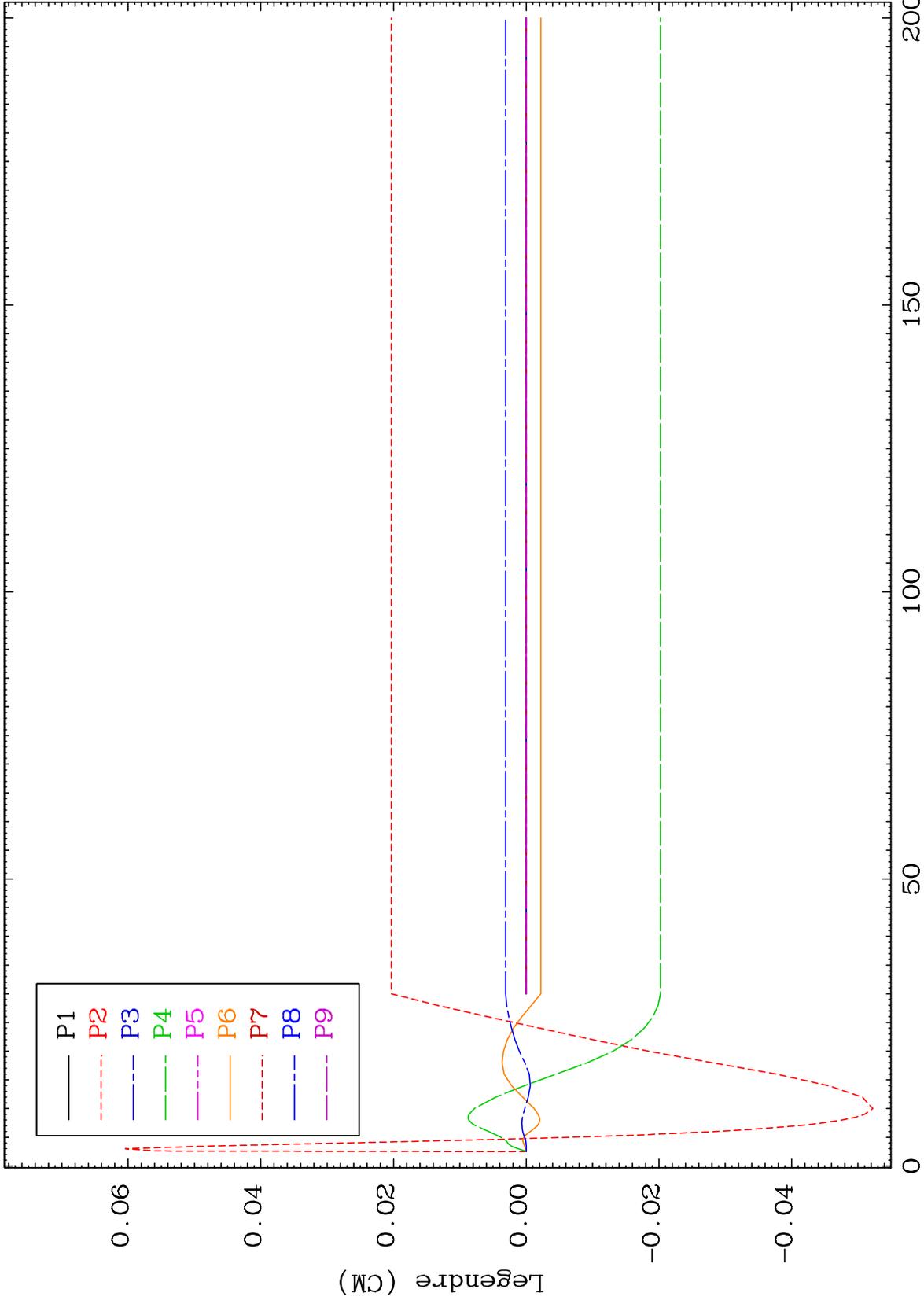
58-Ce-134



MAT 5819

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

58-Ce-134



121

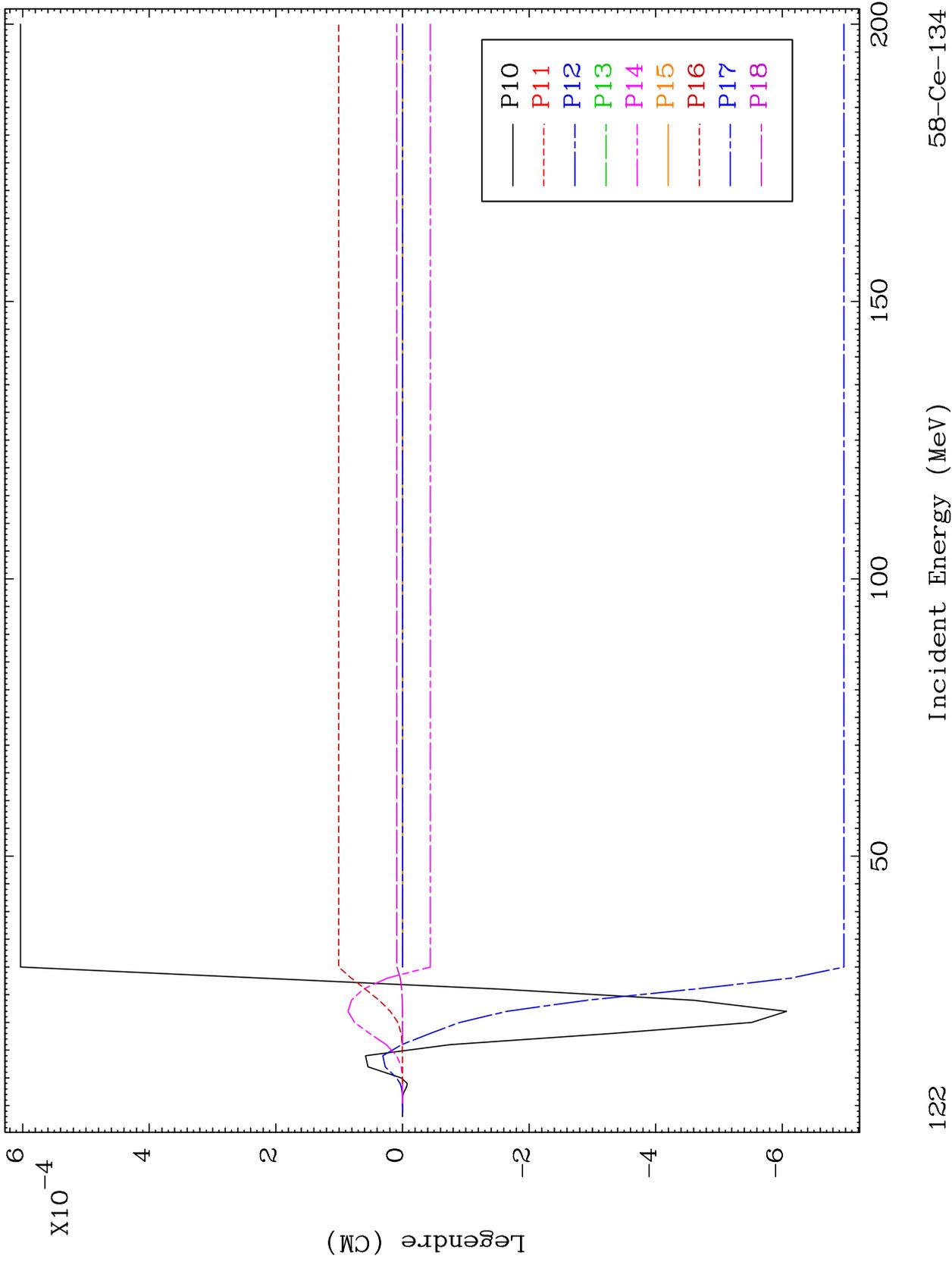
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

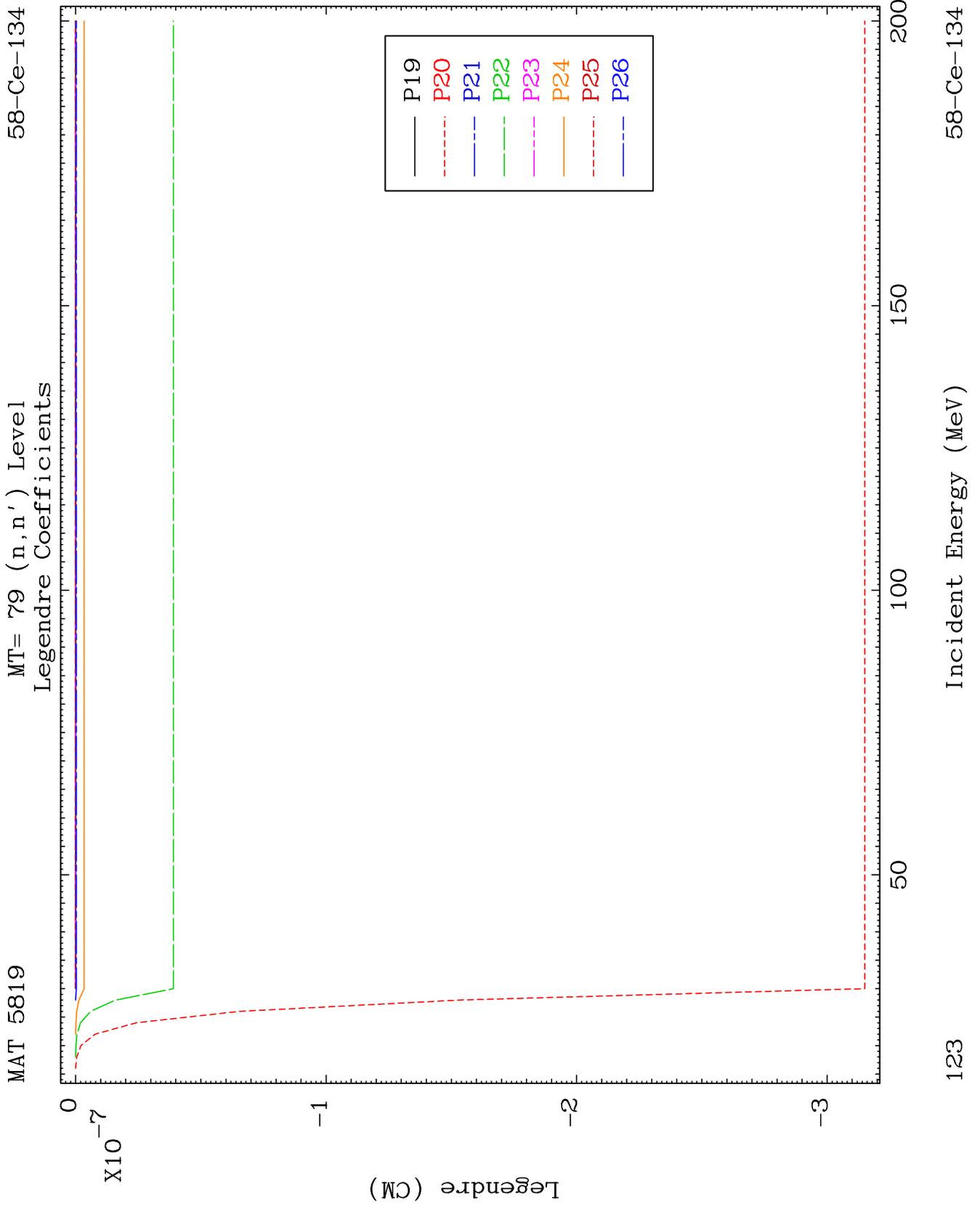
58-Ce-134



122

Incident Energy (MeV)

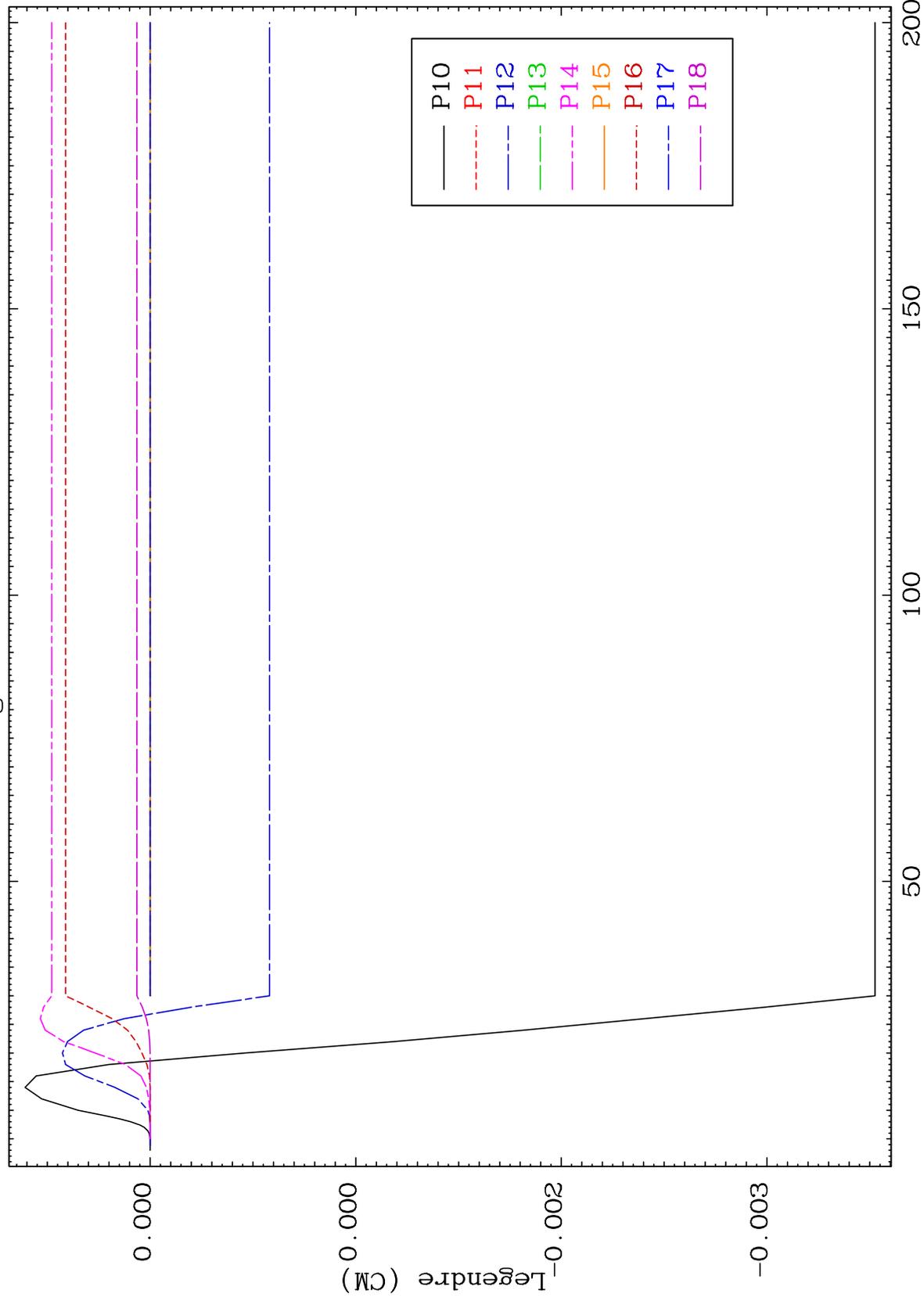
58-Ce-134



MAT 5819

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

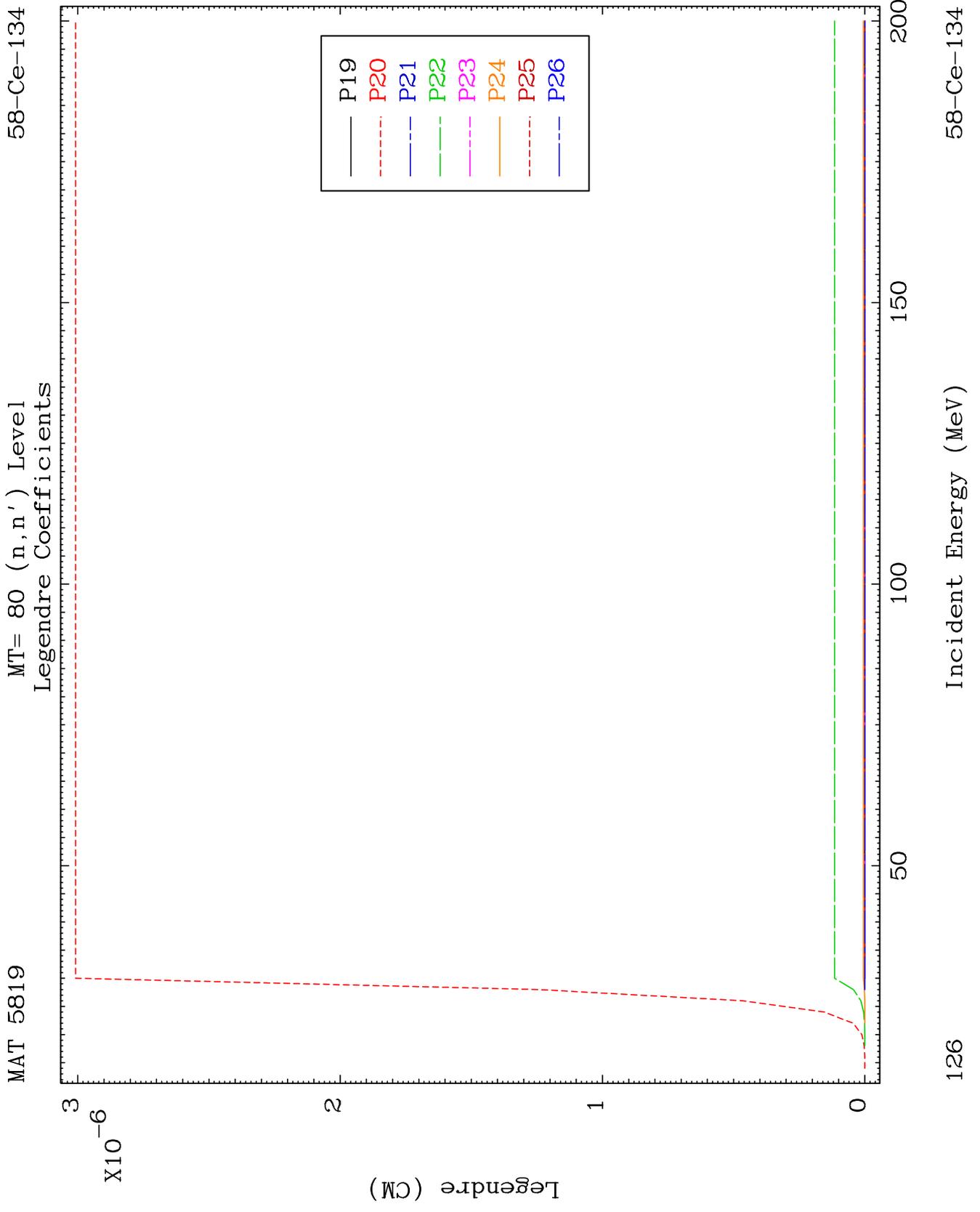
58-Ce-134



125

Incident Energy (MeV)

58-Ce-134

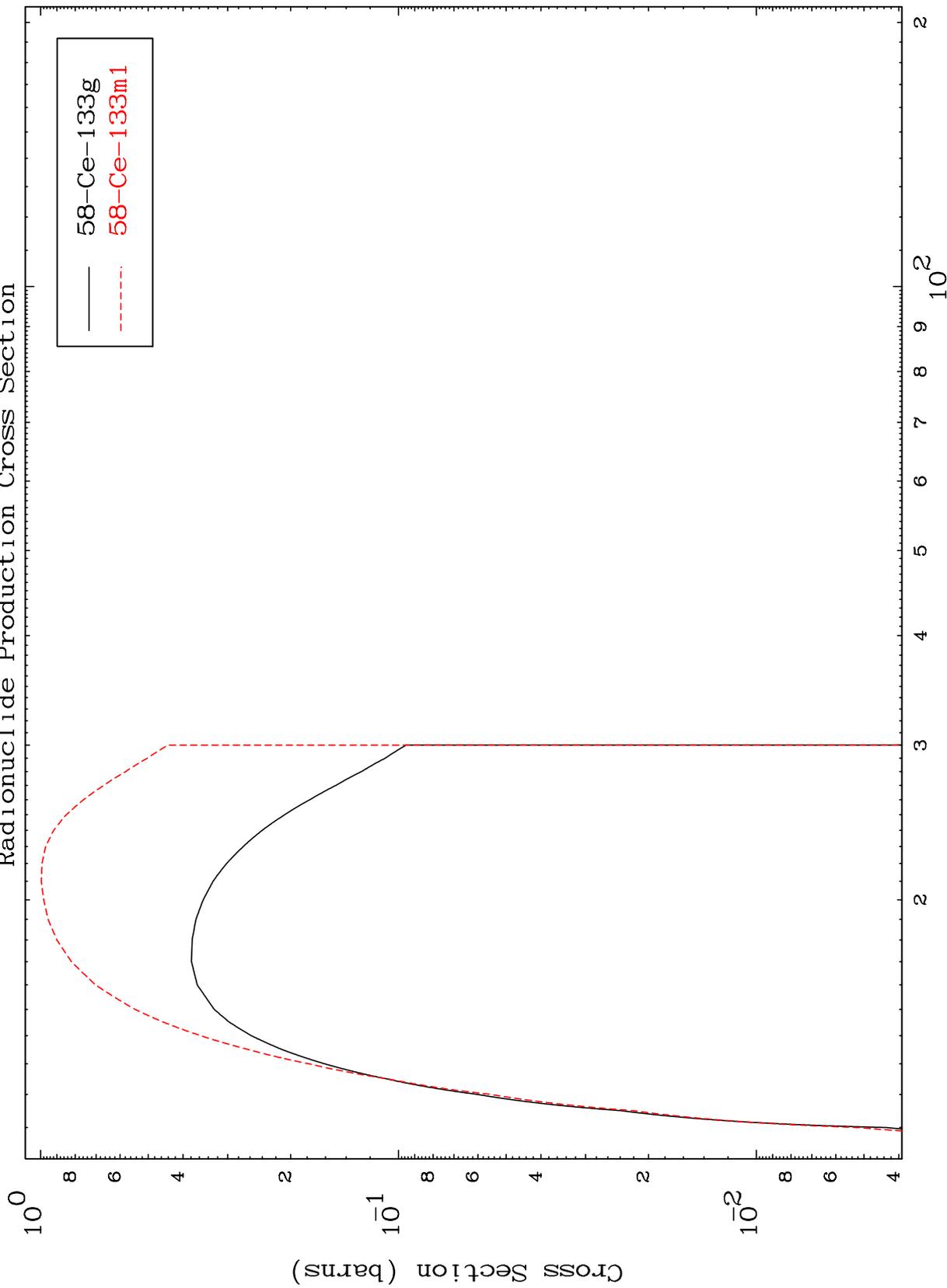


MAT 5819

58-Ce-134

(n,2n)

Radionuclide Production Cross Section



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

127

Incident Energy (MeV)

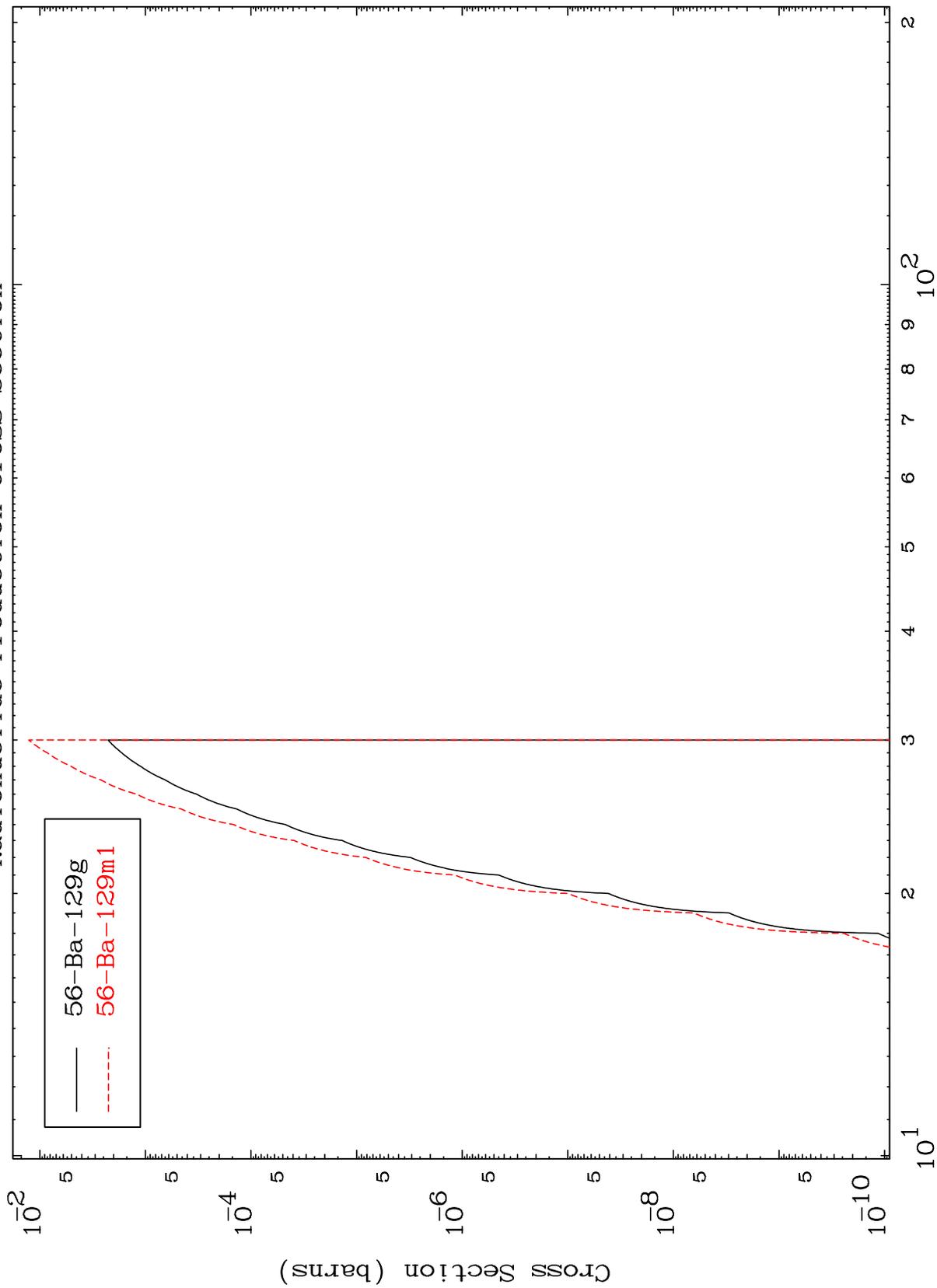
58-Ce-134

MAT 5819

(n,2n) α

58-Ce-134

Radionuclide Production Cross Section

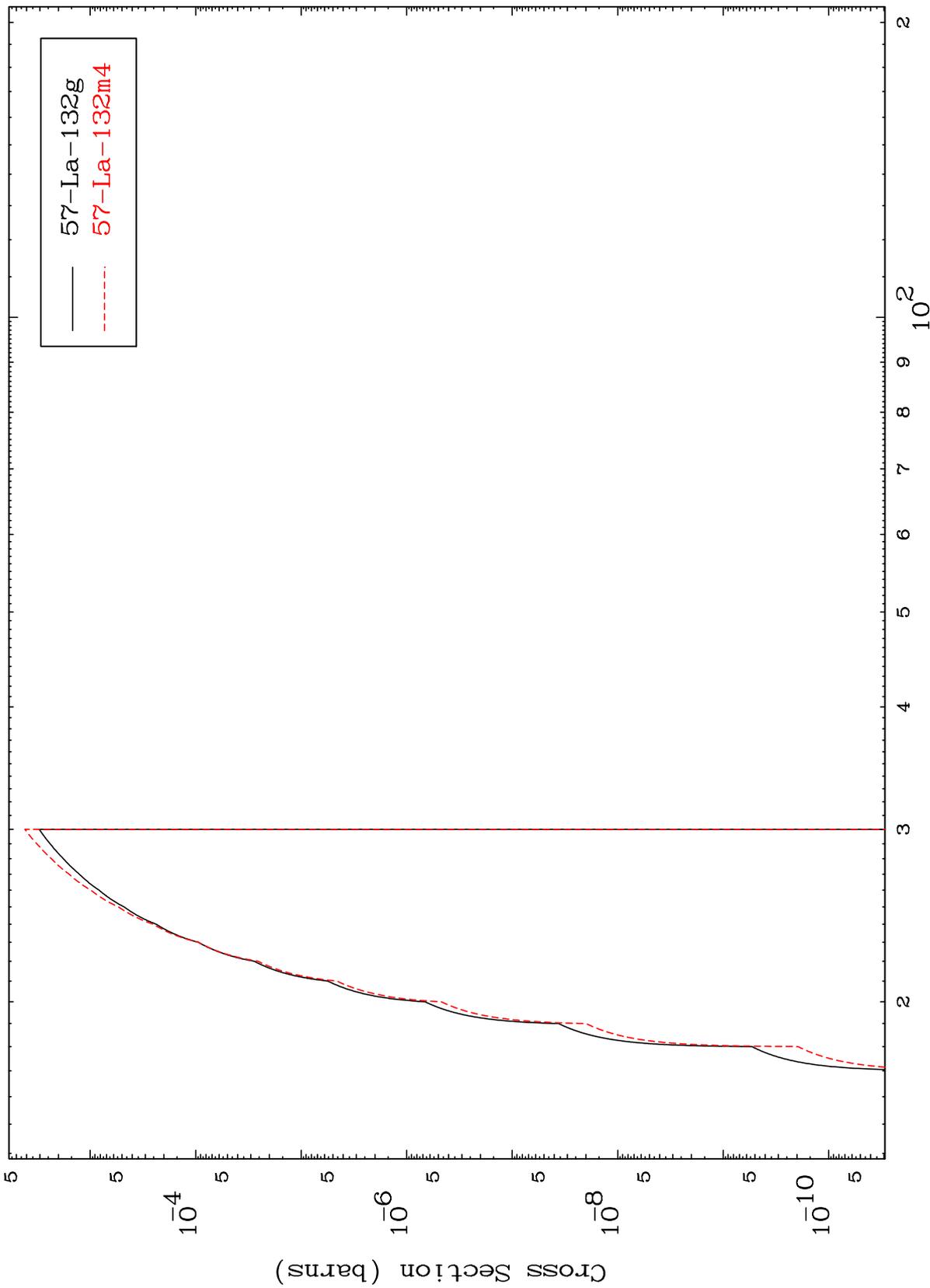


128

Incident Energy (MeV)

58-Ce-134

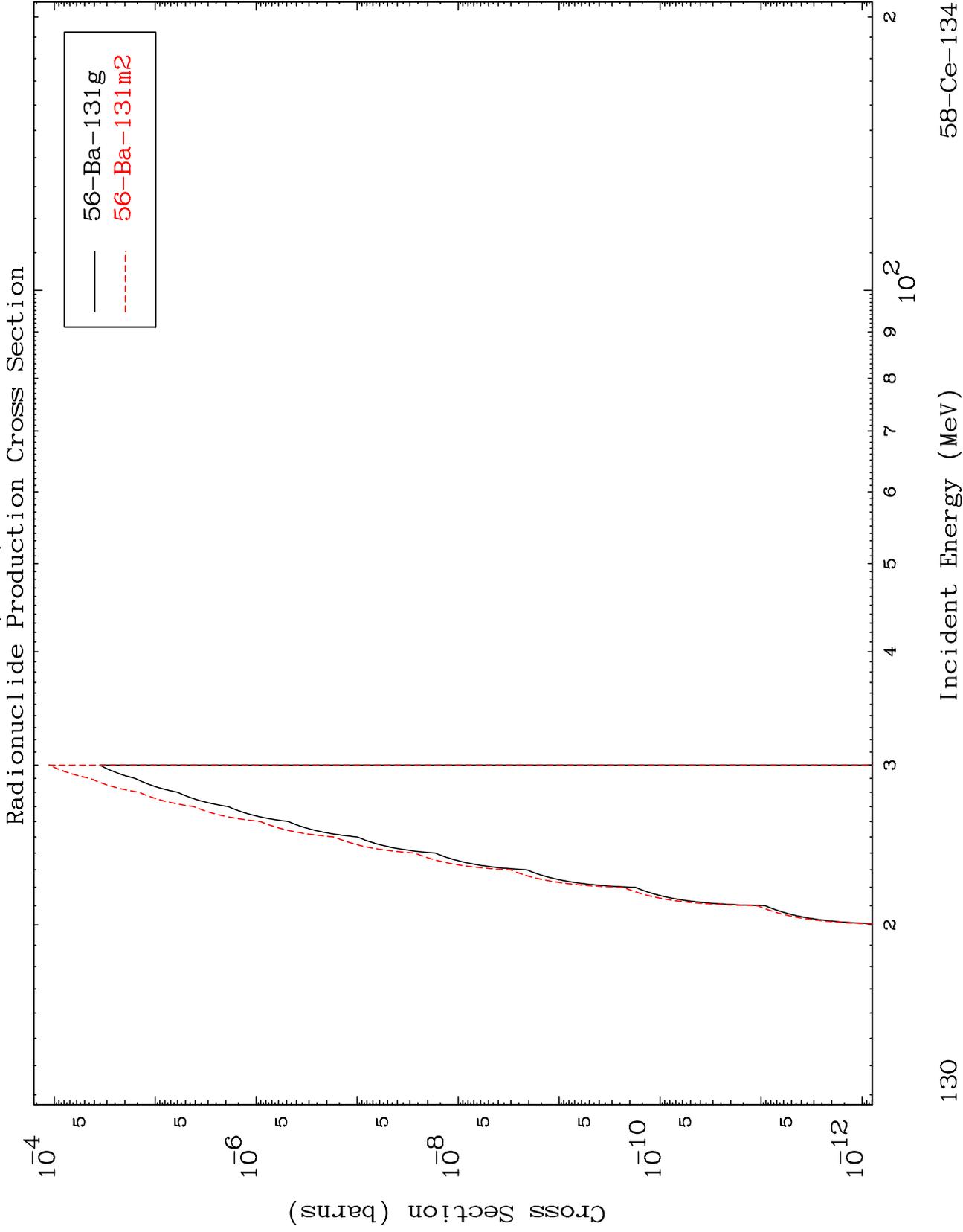
Radionuclide Production Cross Section



MAT 5819

(n,n') He-3

58-Ce-134



130

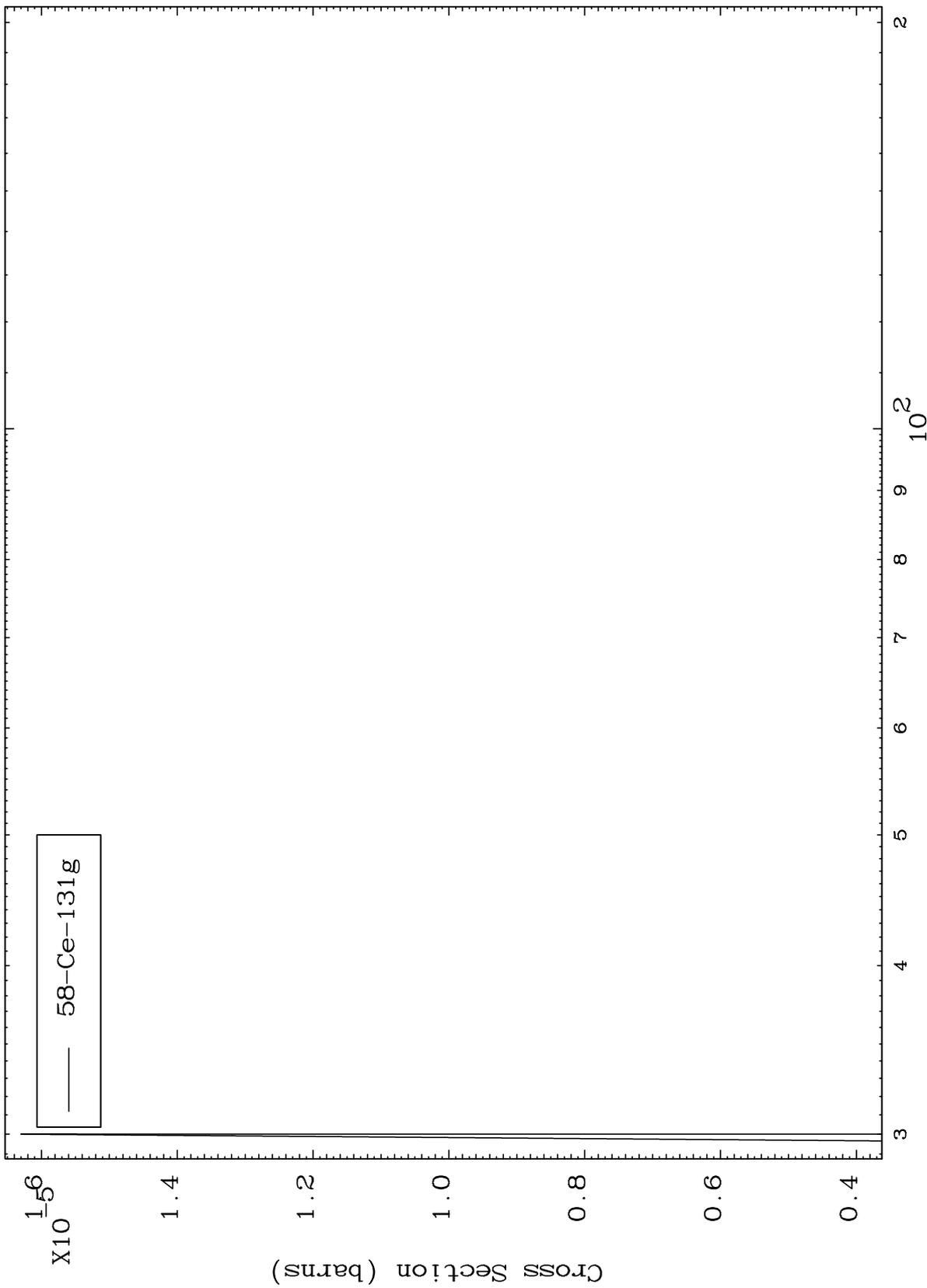
Incident Energy (MeV)

58-Ce-134

MAT 5819

58-Ce-134

(n,4n)
Radionuclide Production Cross Section



131

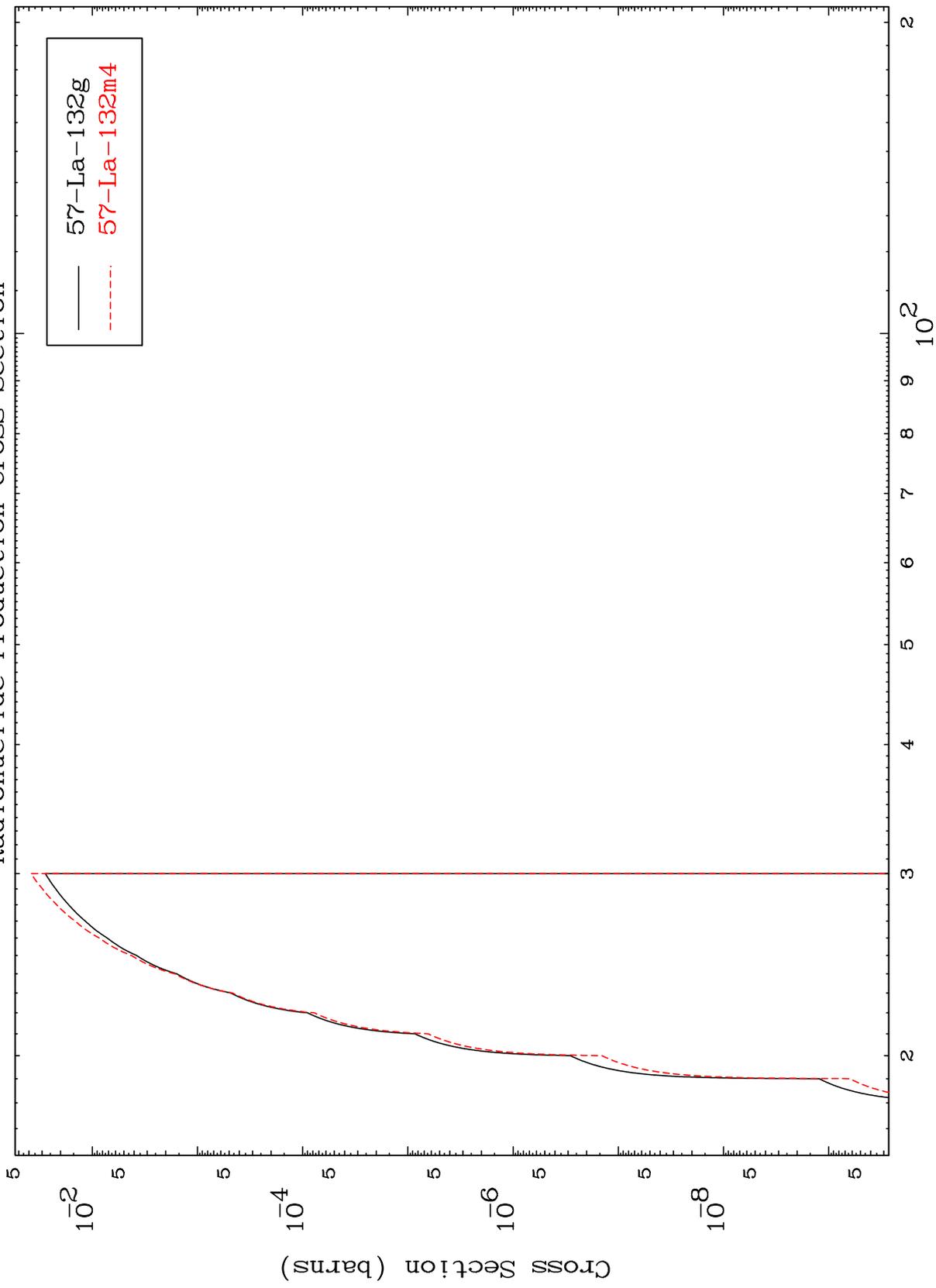
58-Ce-134

Incident Energy (MeV)

MAT 5819

58-Ce-134

(n,2n) p
Radionuclide Production Cross Section



132

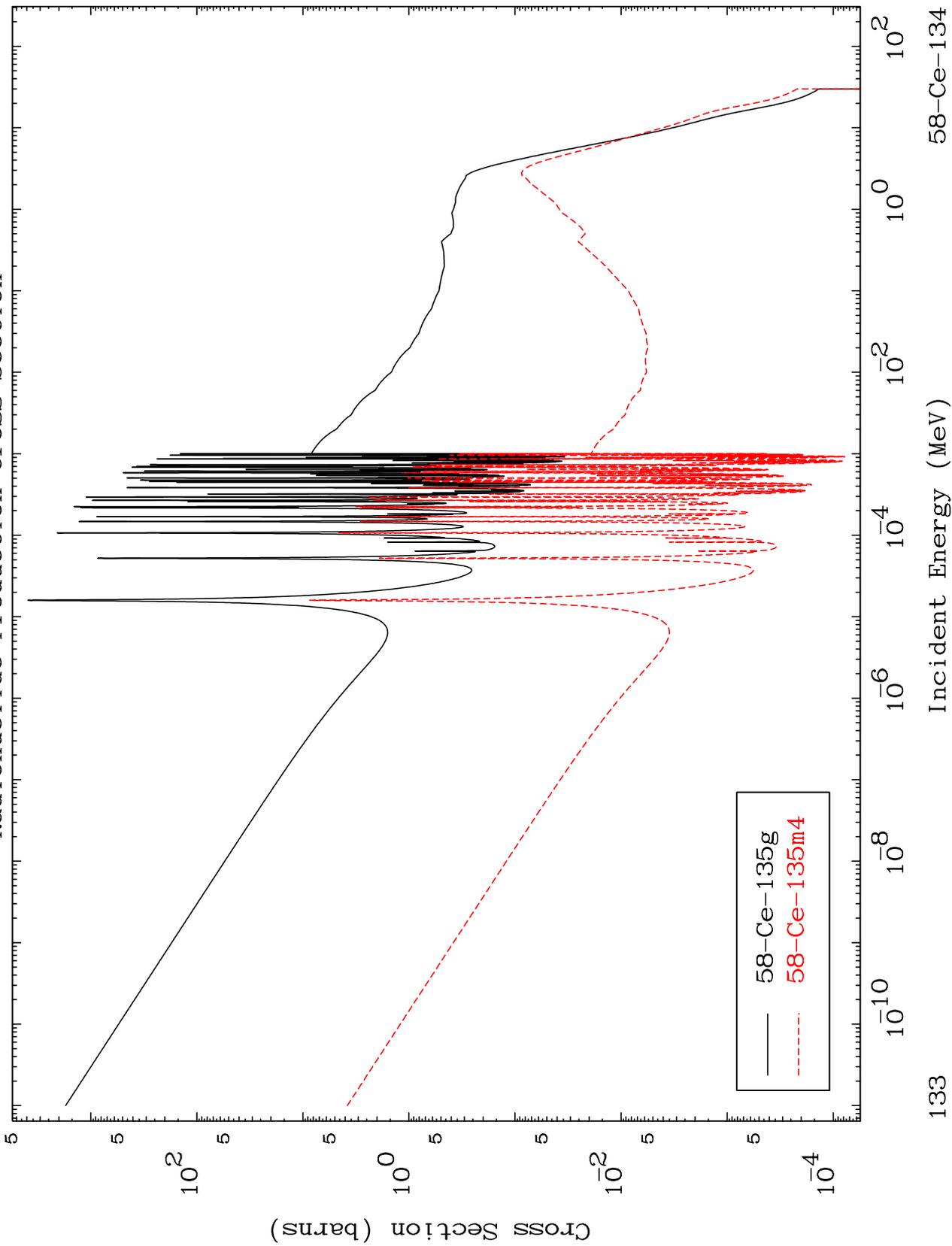
Incident Energy (MeV)

58-Ce-134

MAT 5819

58-Ce-134

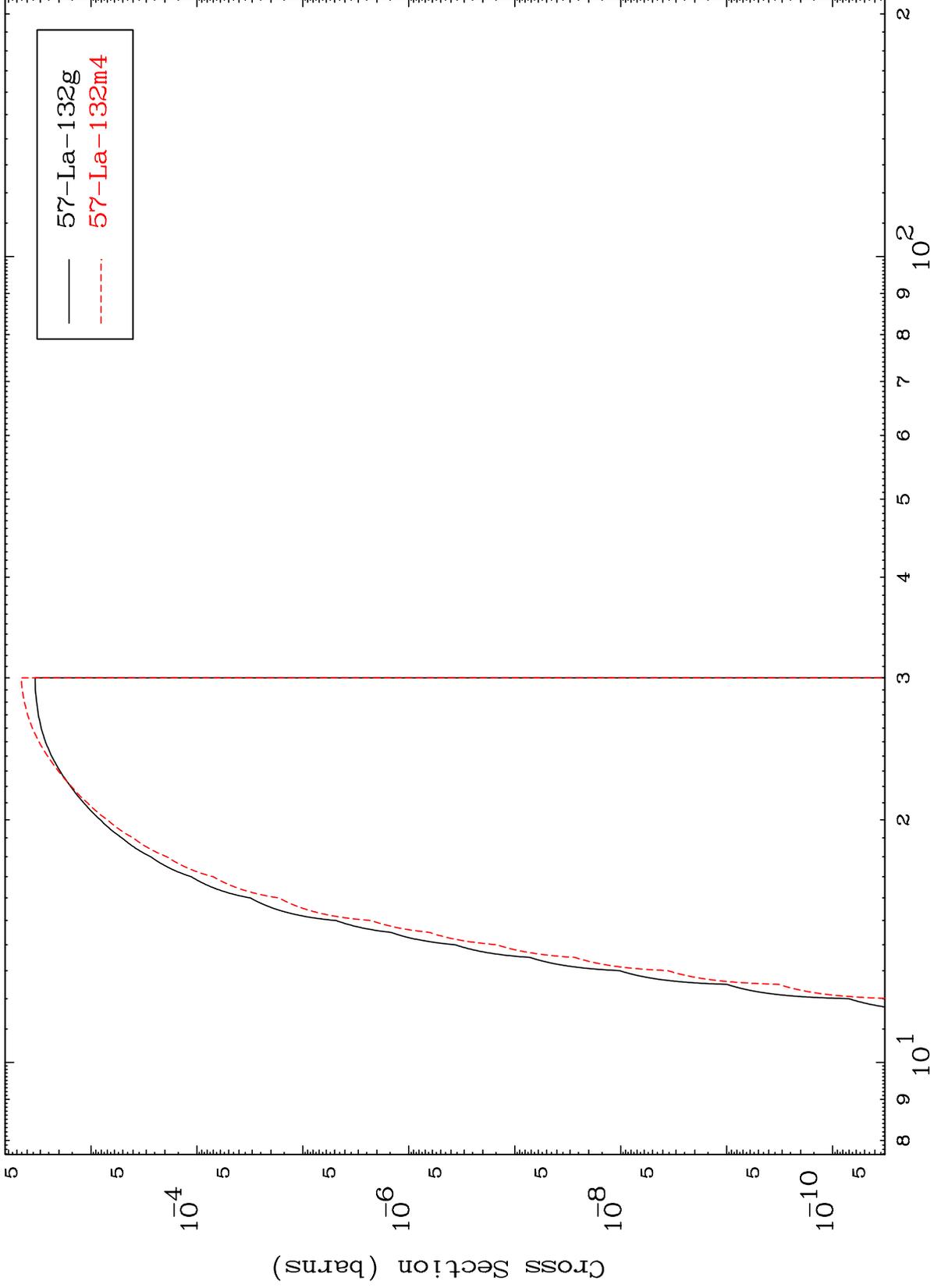
(n, γ)
Radionuclide Production Cross Section



MAT 5819

58-Ce-134

(n, t)
Radionuclide Production Cross Section



58-Ce-134

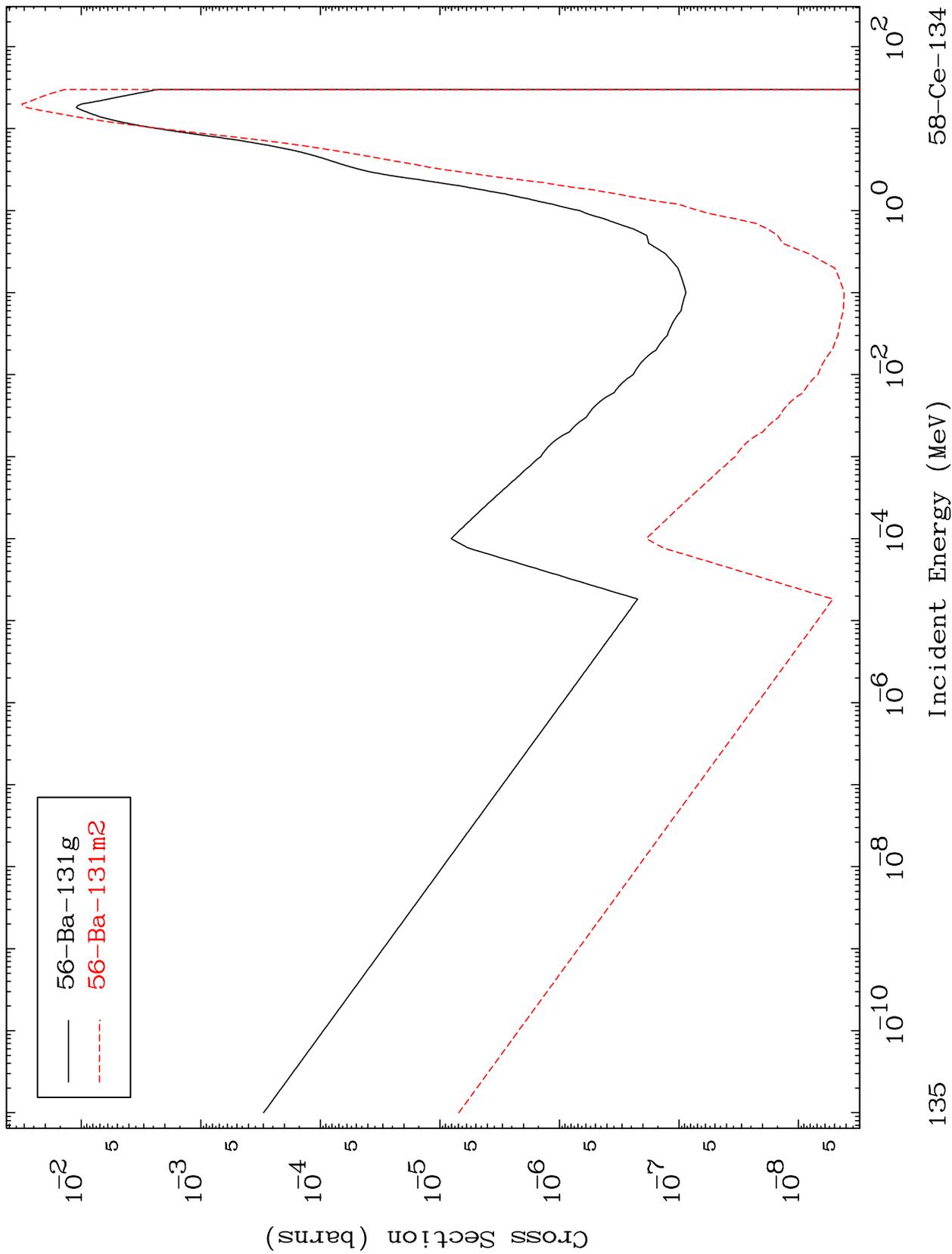
Incident Energy (MeV)

134

MAT 5819

58-Ce-134

Radionuclide Production Cross Section
(n, α)



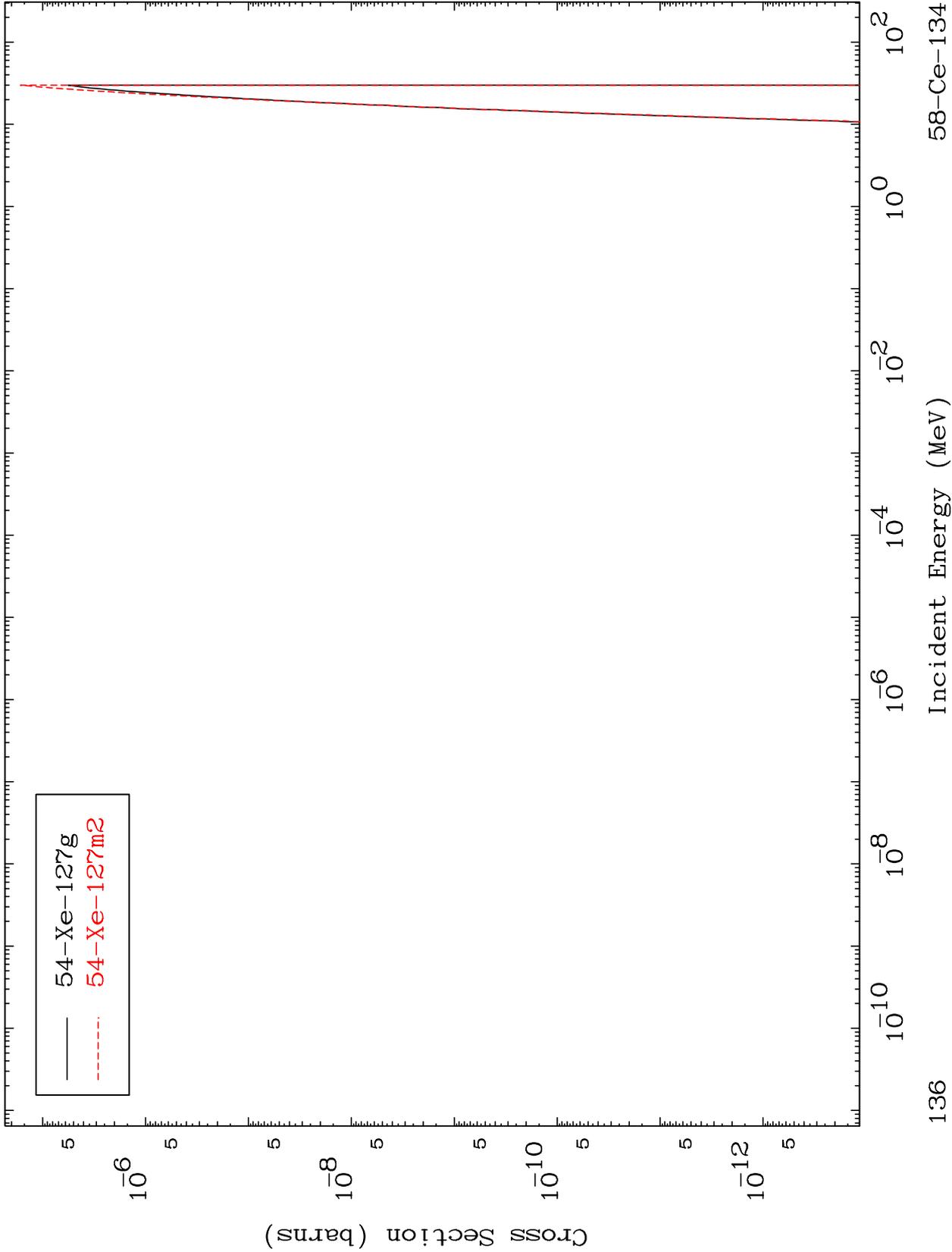
135

MAT 5819

(n,2α)

58-Ce-134

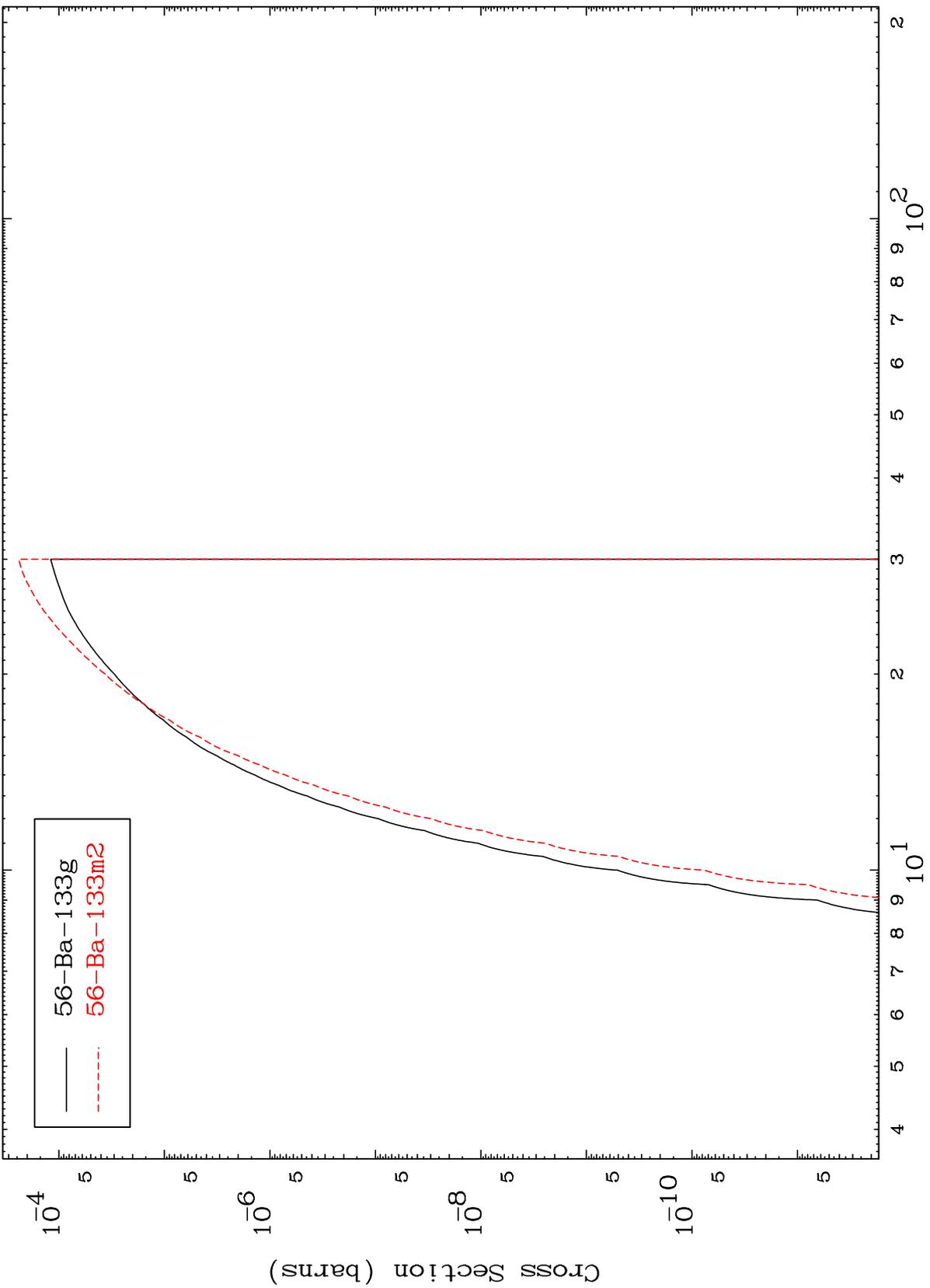
Radionuclide Production Cross Section



MAT 5819

58-Ce-134

(n,2p)
Radionuclide Production Cross Section



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

137

Incident Energy (MeV)

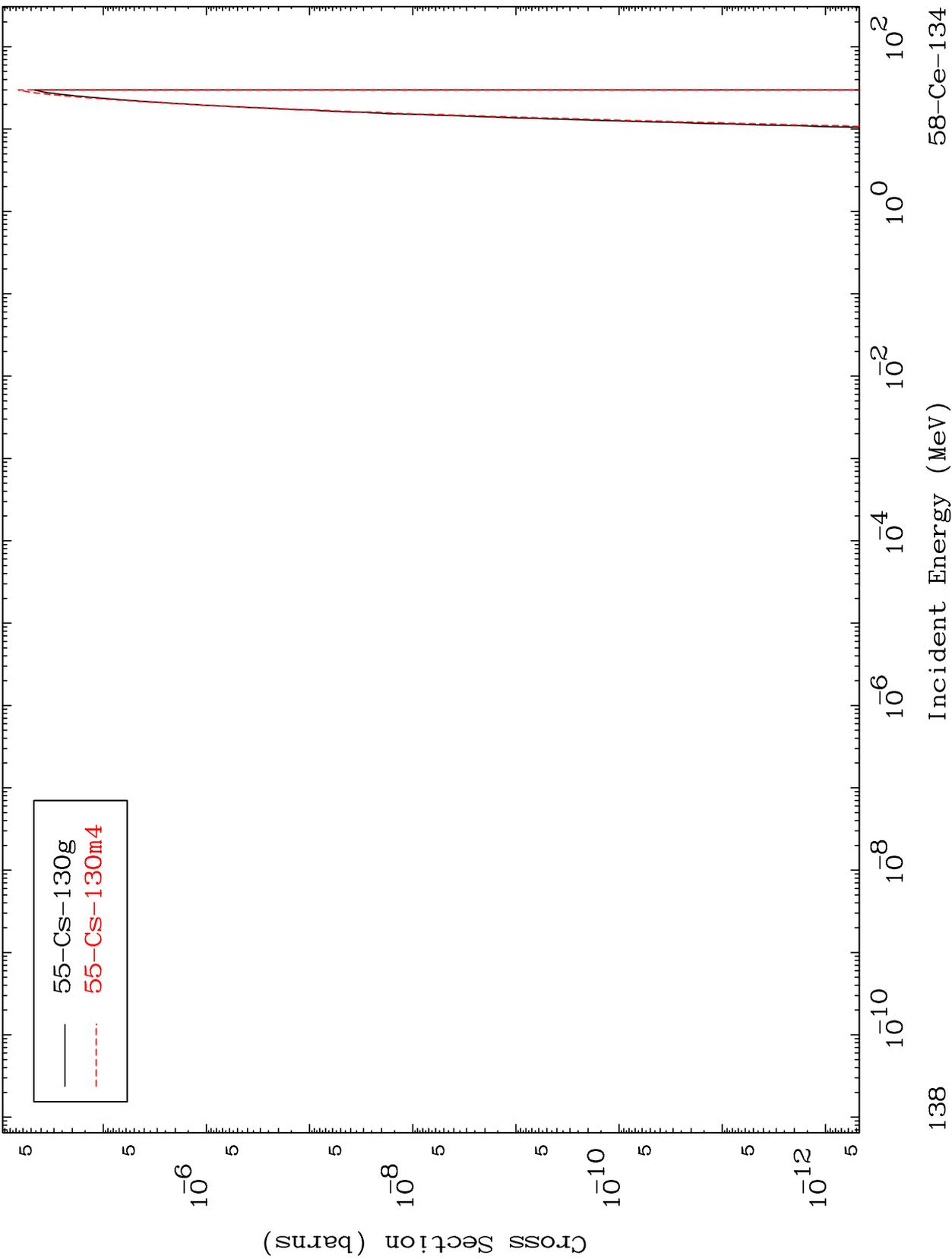
58-Ce-134

MAT 5819

(n,p) α

58-Ce-134

Radionuclide Production Cross Section

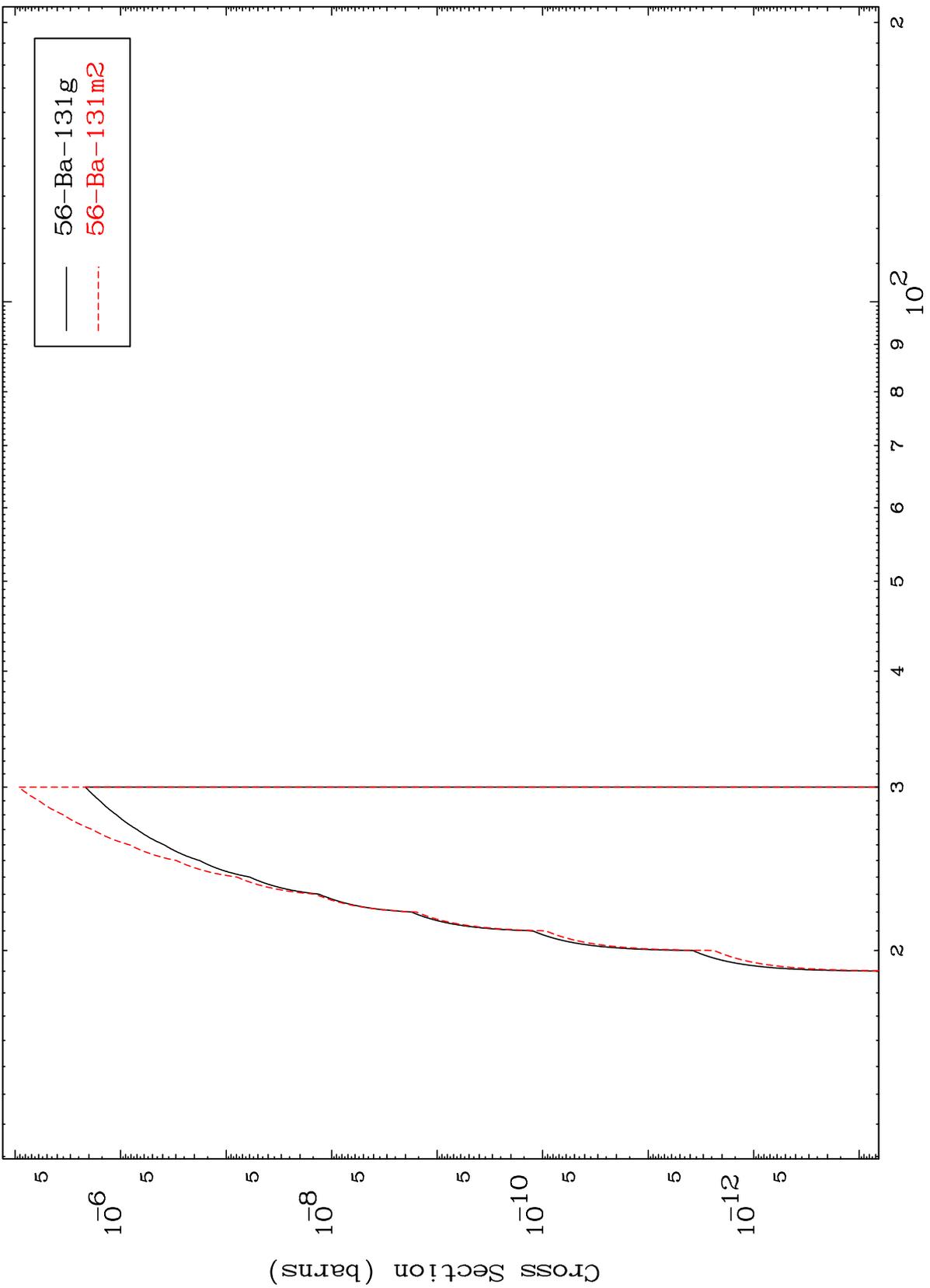


MAT 5819

(n,p) t

58-Ce-134

Radionuclide Production Cross Section



139

Incident Energy (MeV)

58-Ce-134