

Program EVALPLOT
(Version 2021-1)

by

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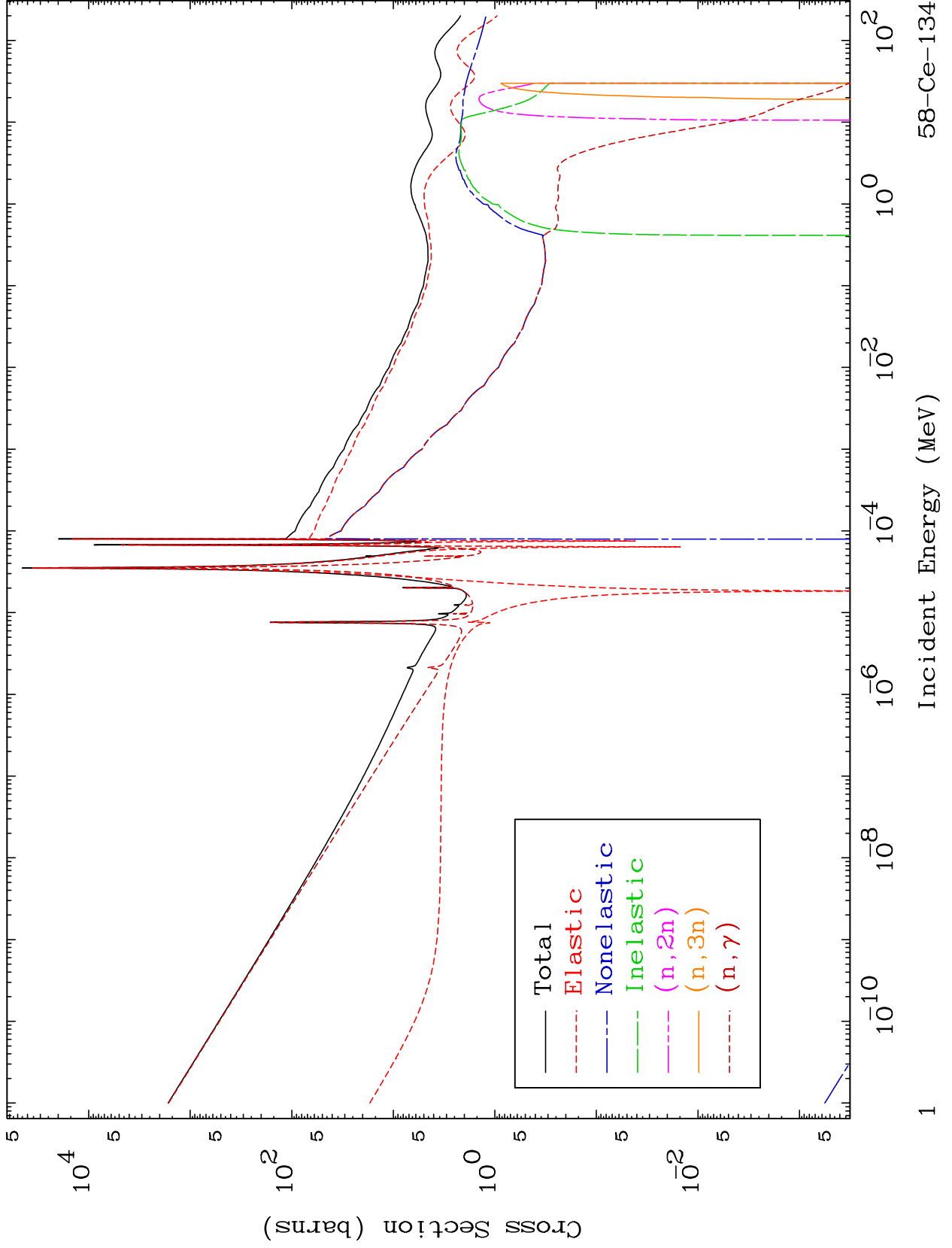
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5819

Neutron Major
293 Kelvin Cross Sections

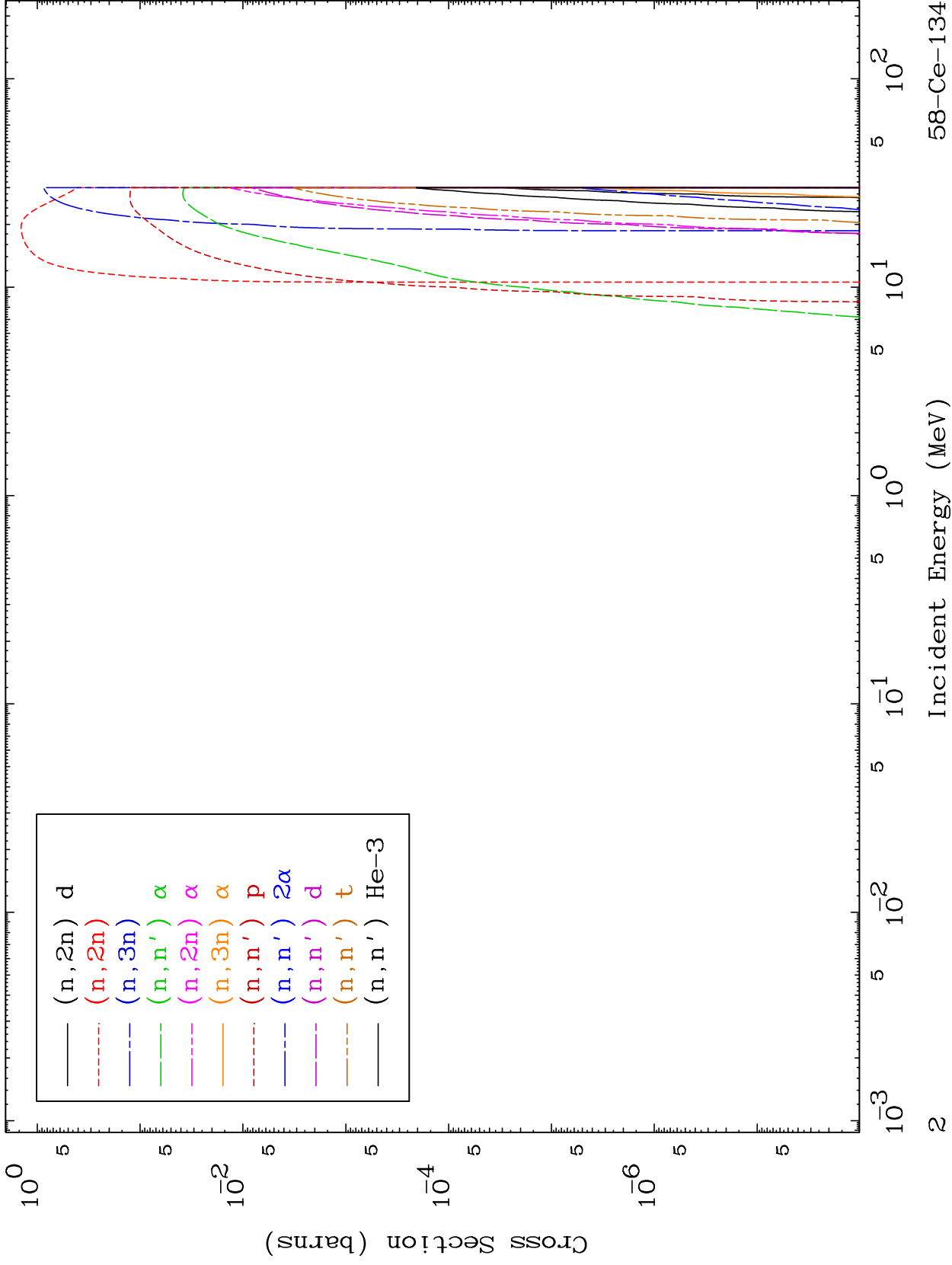
58-Ce-134



MAT 5819

Neutron Absorption
293 Kelvin Cross Sections

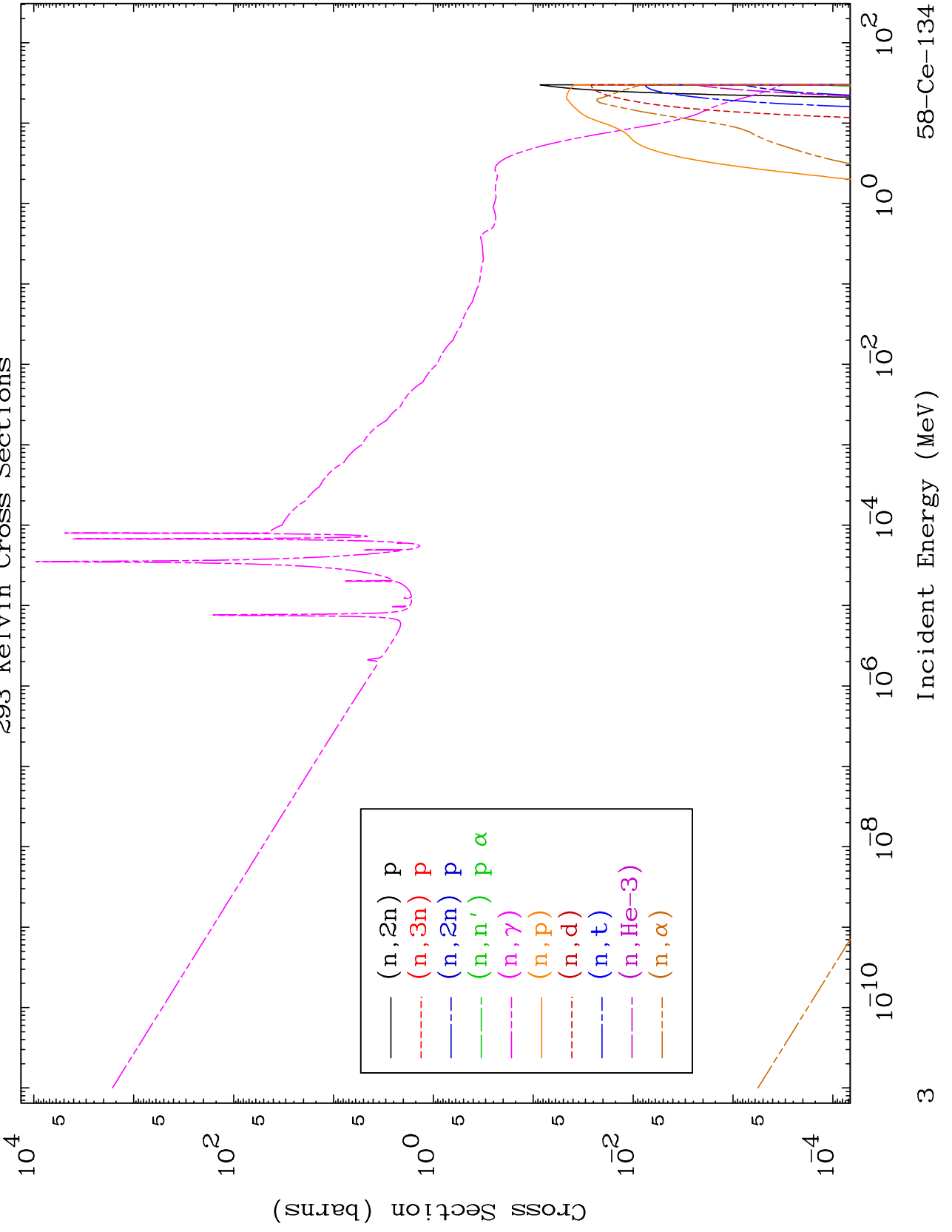
58-Ce-134



MAT 5819

Neutron Absorption
293 Kelvin Cross Sections

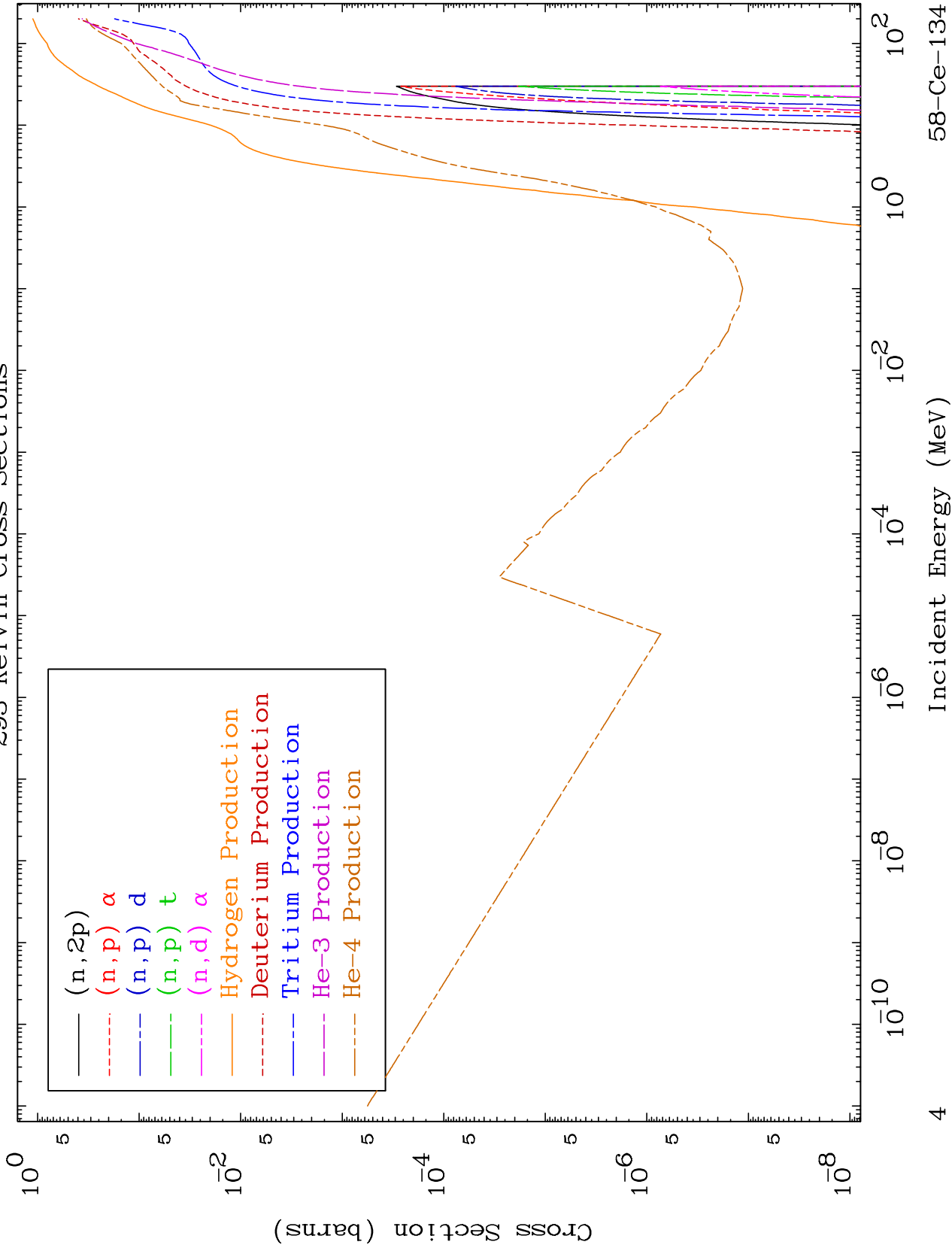
58-Ce-134



MAT 5819

Neutron Absorption
293 Kelvin Cross Sections

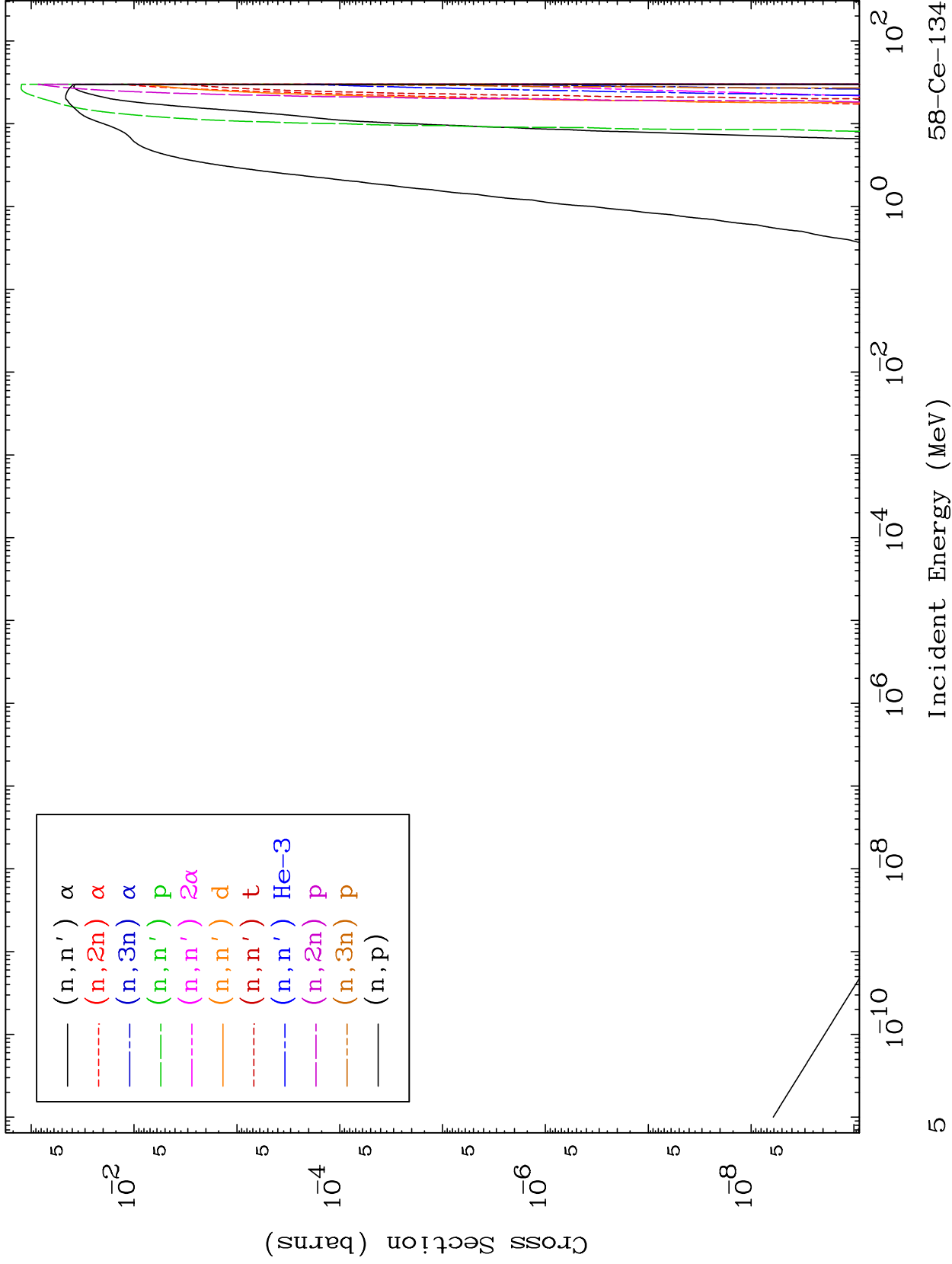
58-Ce-134



MAT 5819

Charged Particle
293 Kelvin Cross Sections

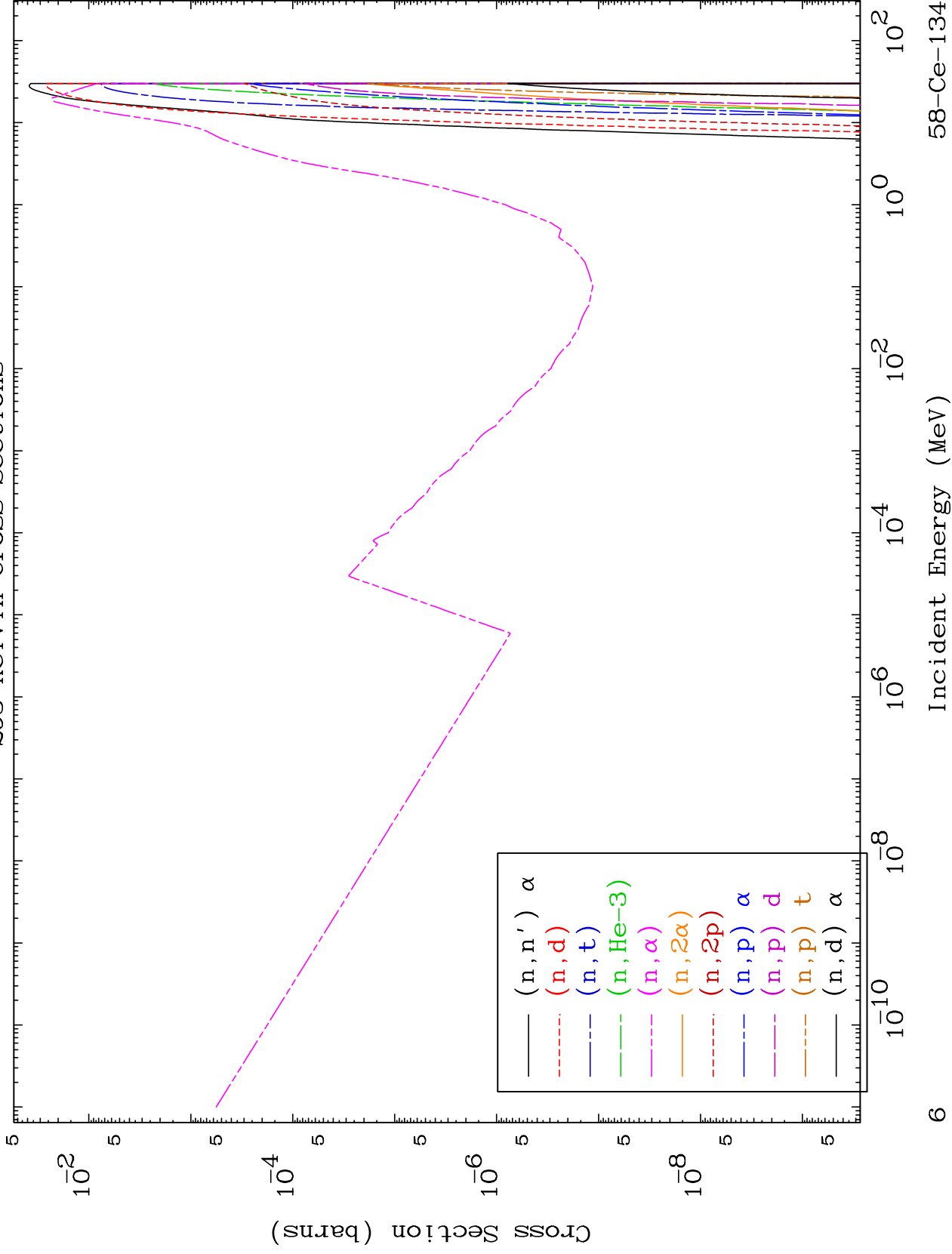
58-Ce-134



MAT 5819

Charged Particle
293 Kelvin Cross Sections

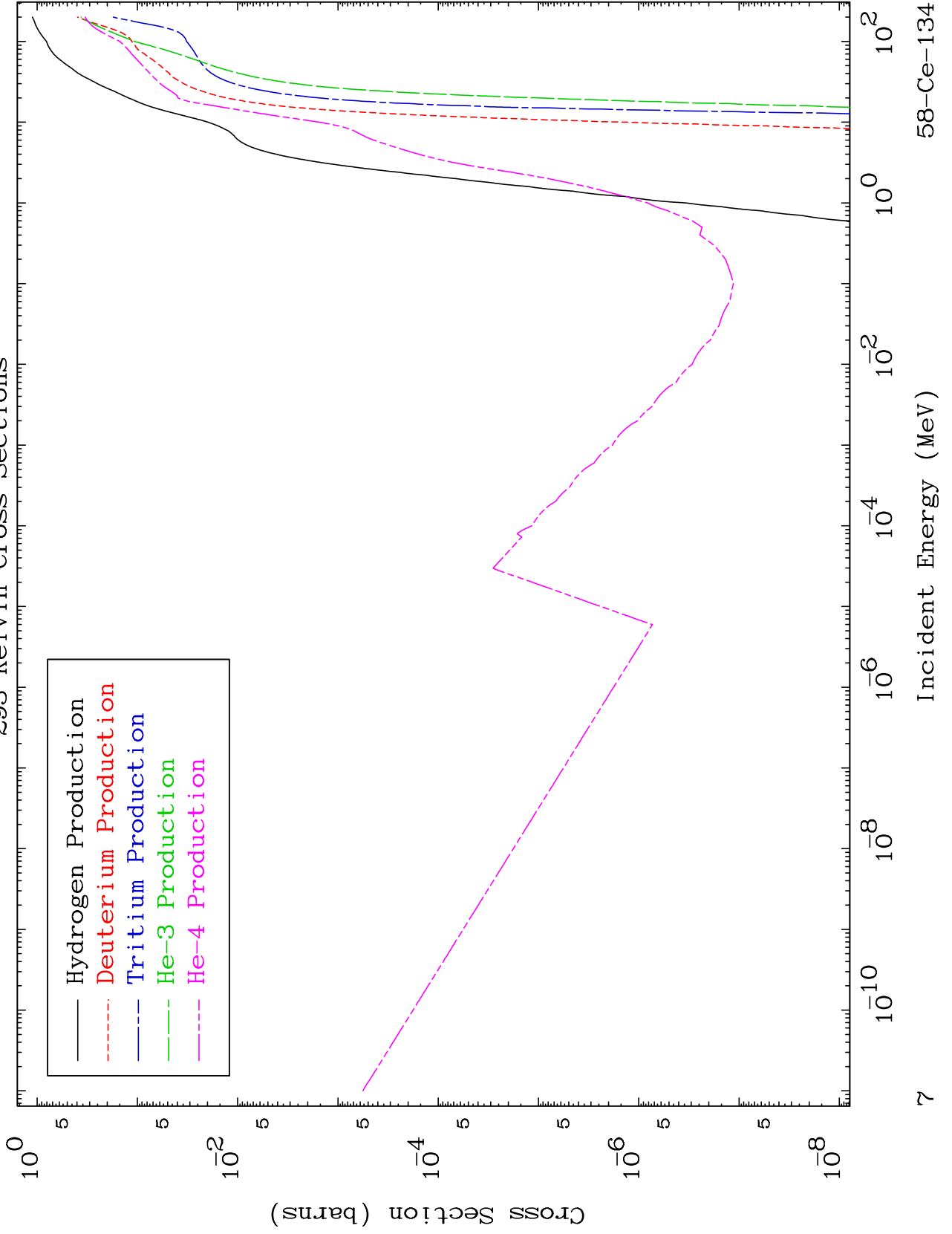
58-Ce-134



MAT 5819

Particle Production
293 Kelvin Cross Sections

58-Ce-134

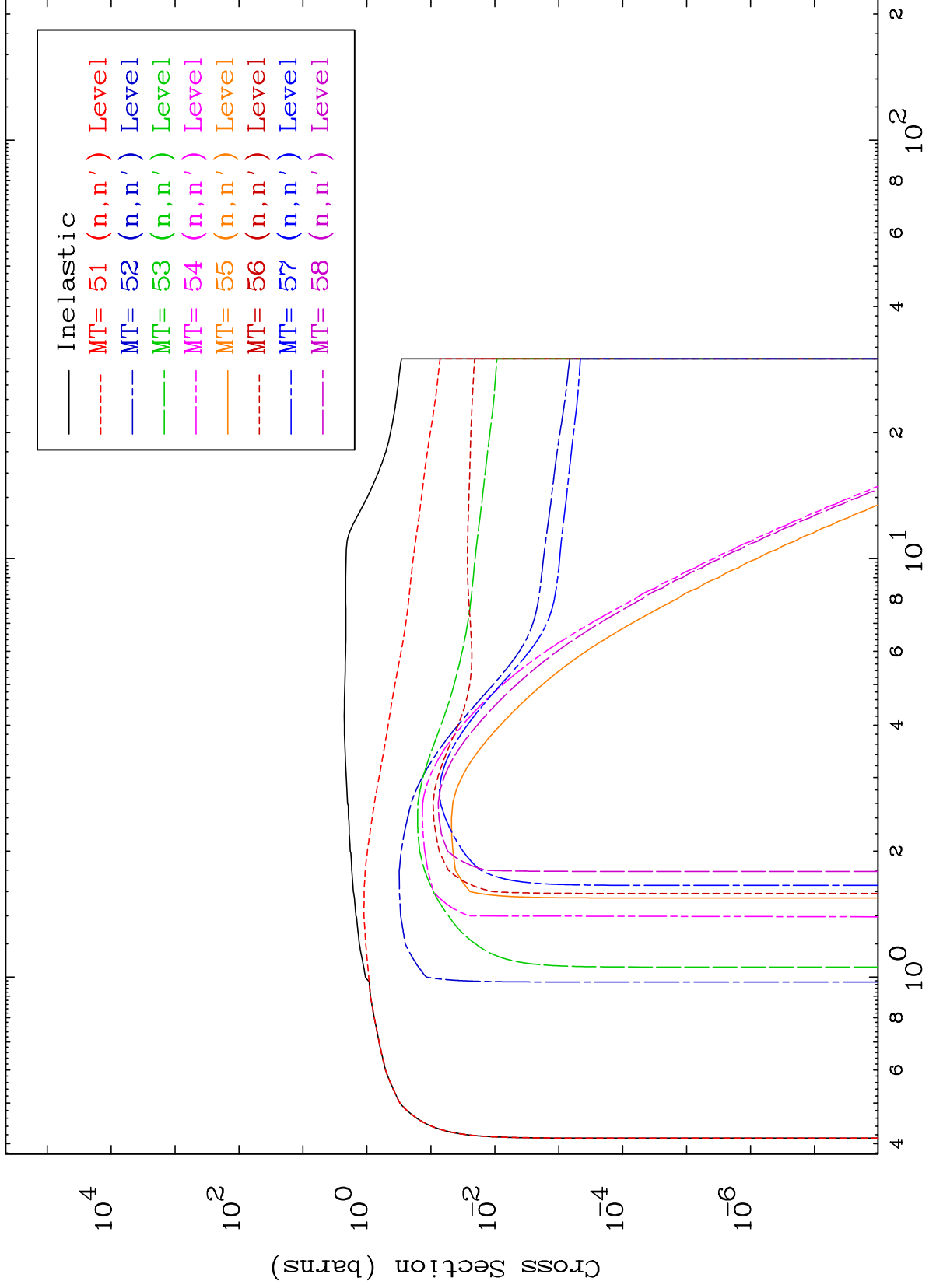


MAT 5819

(n,n') Levels

58-Ce-134

293 Kelvin Cross Sections



8

Incident Energy (MeV)

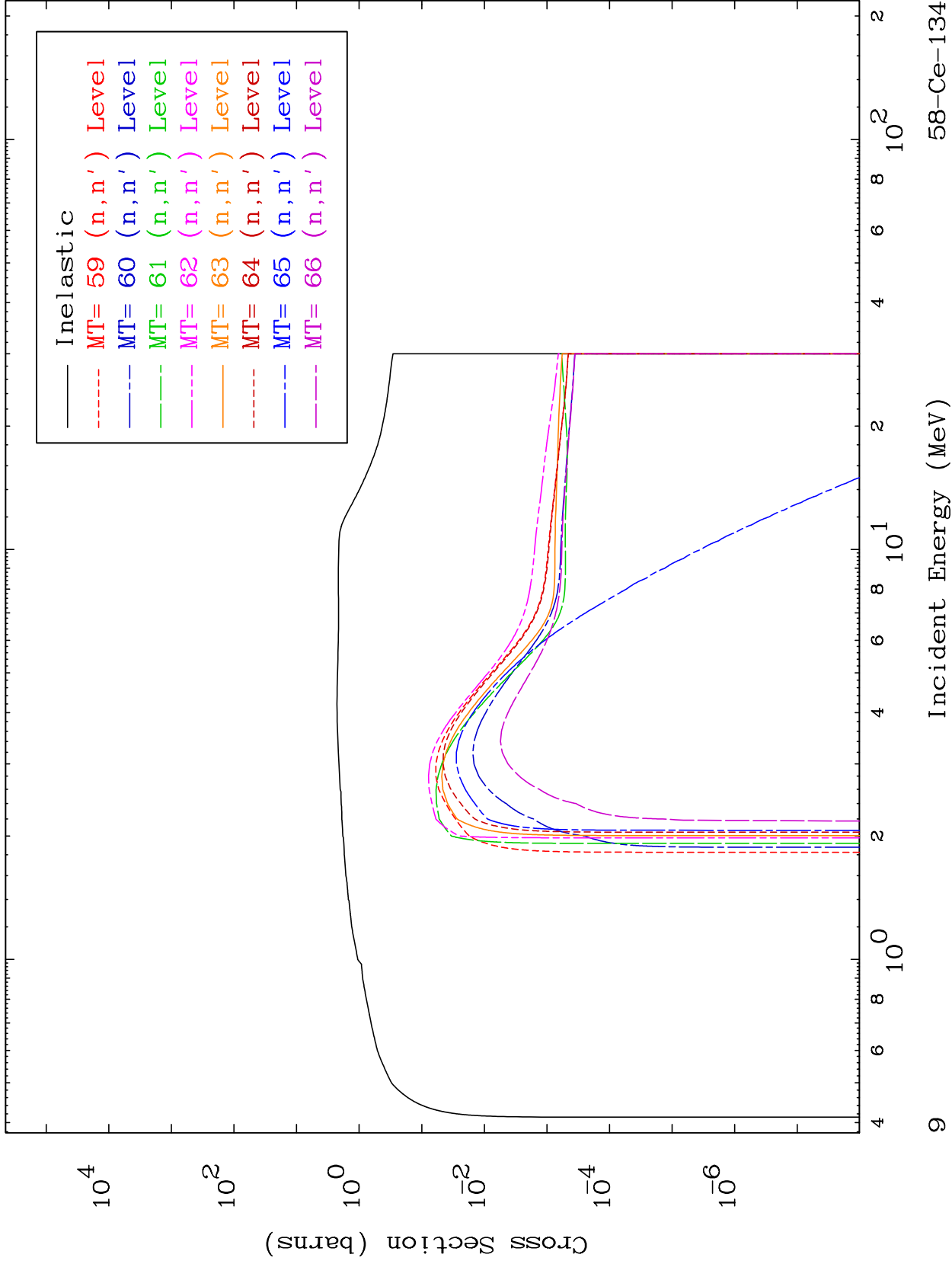
58-Ce-134

MAT 5819

(n,n') Levels

293 Kelvin Cross Sections

58-Ce-134

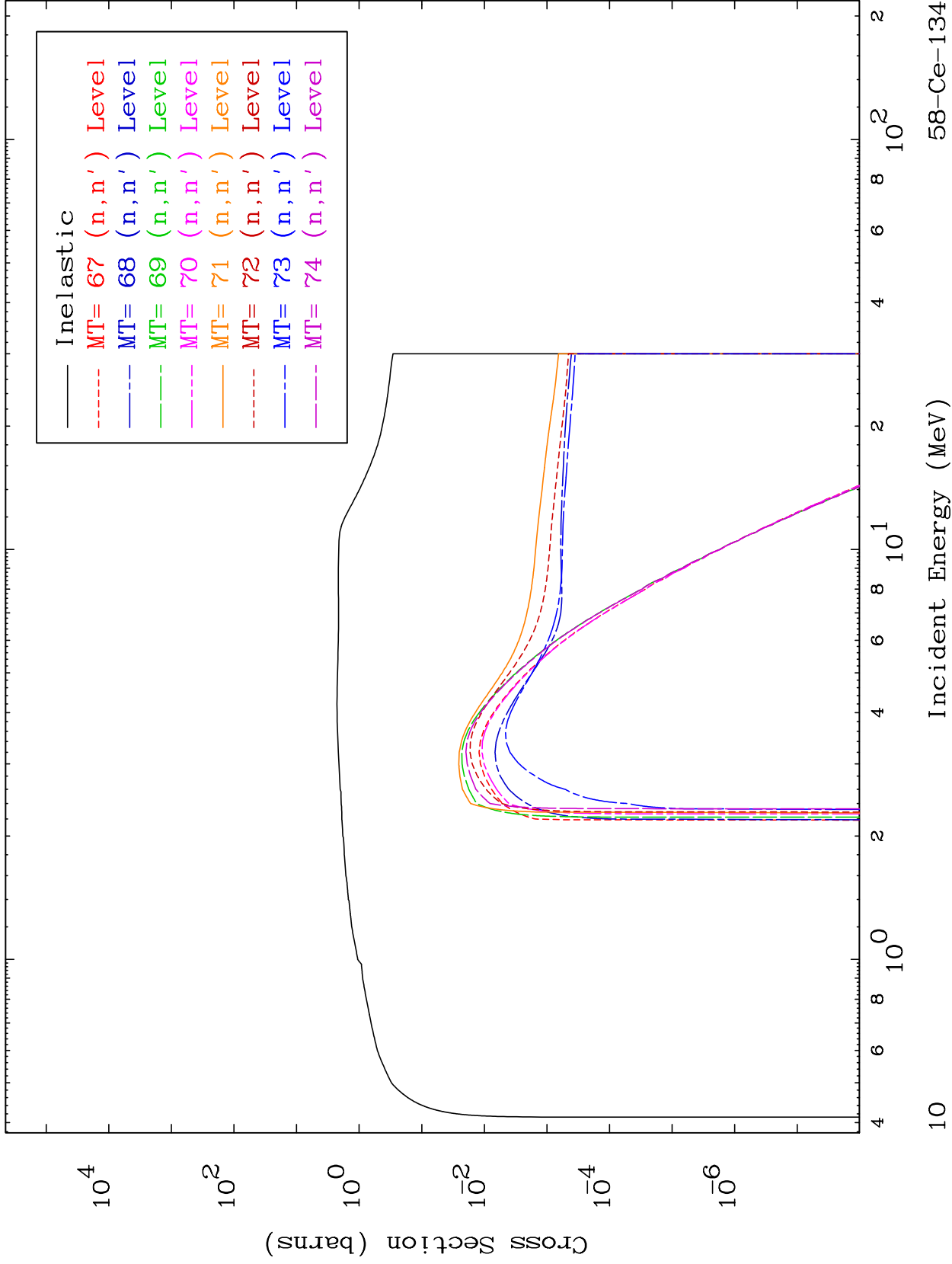


MAT 5819

(n,n') Levels

58-Ce-134

293 Kelvin Cross Sections



10

Incident Energy (MeV)

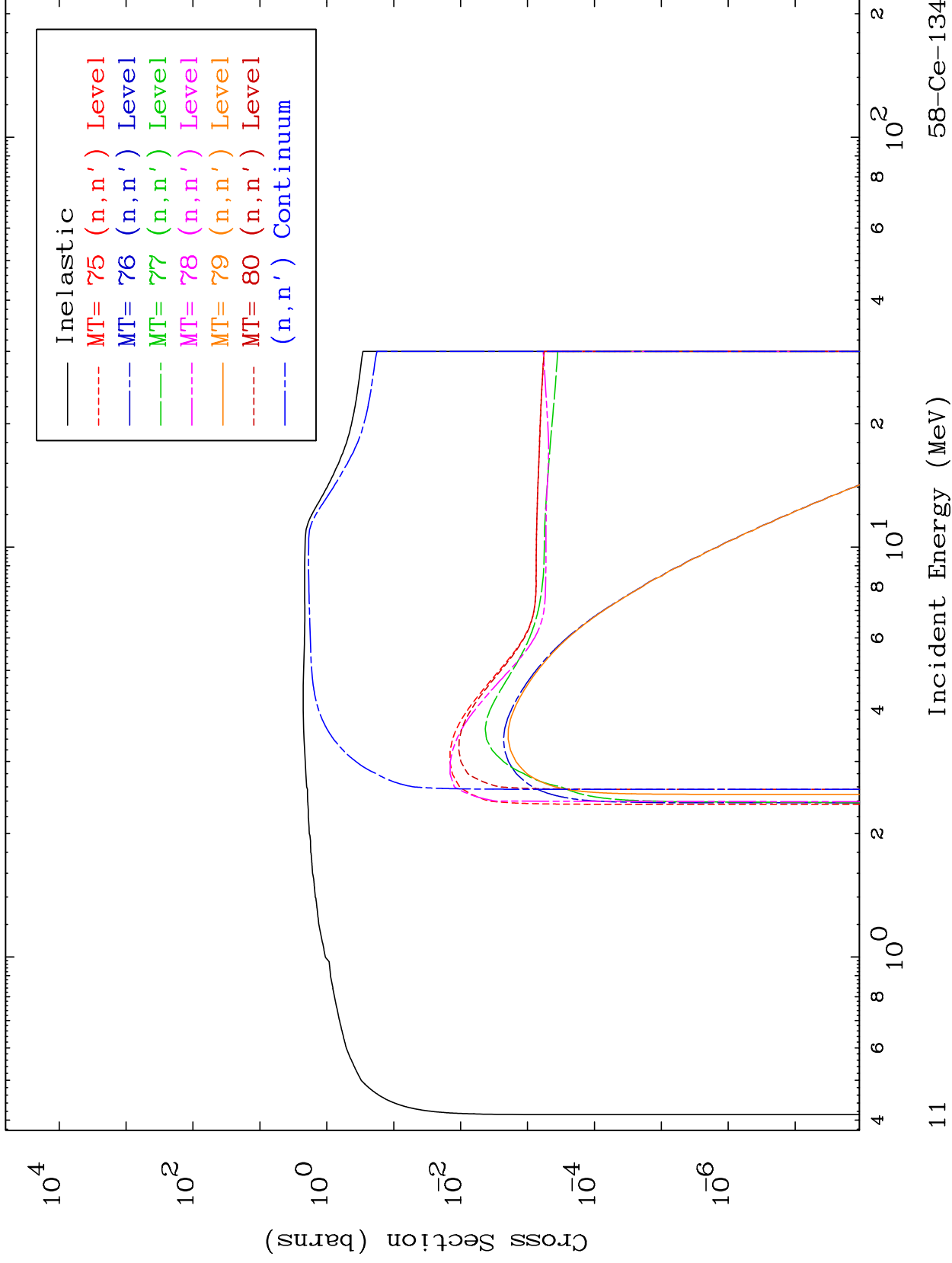
58-Ce-134

MAT 5819

(n,n') Levels

58-Ce-134

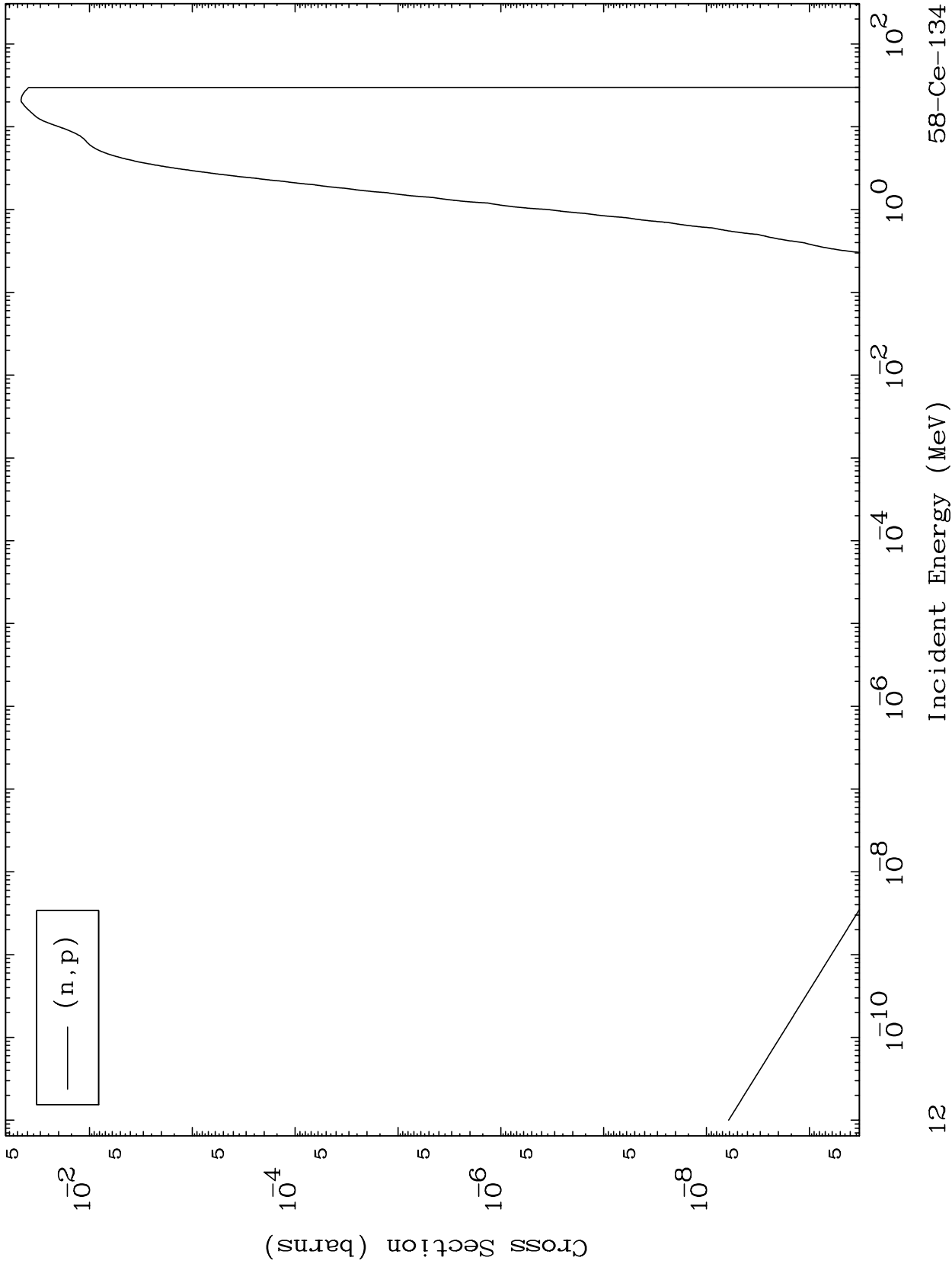
293 Kelvin Cross Sections



MAT 5819

(n,p) Levels
293 Kelvin Cross Sections

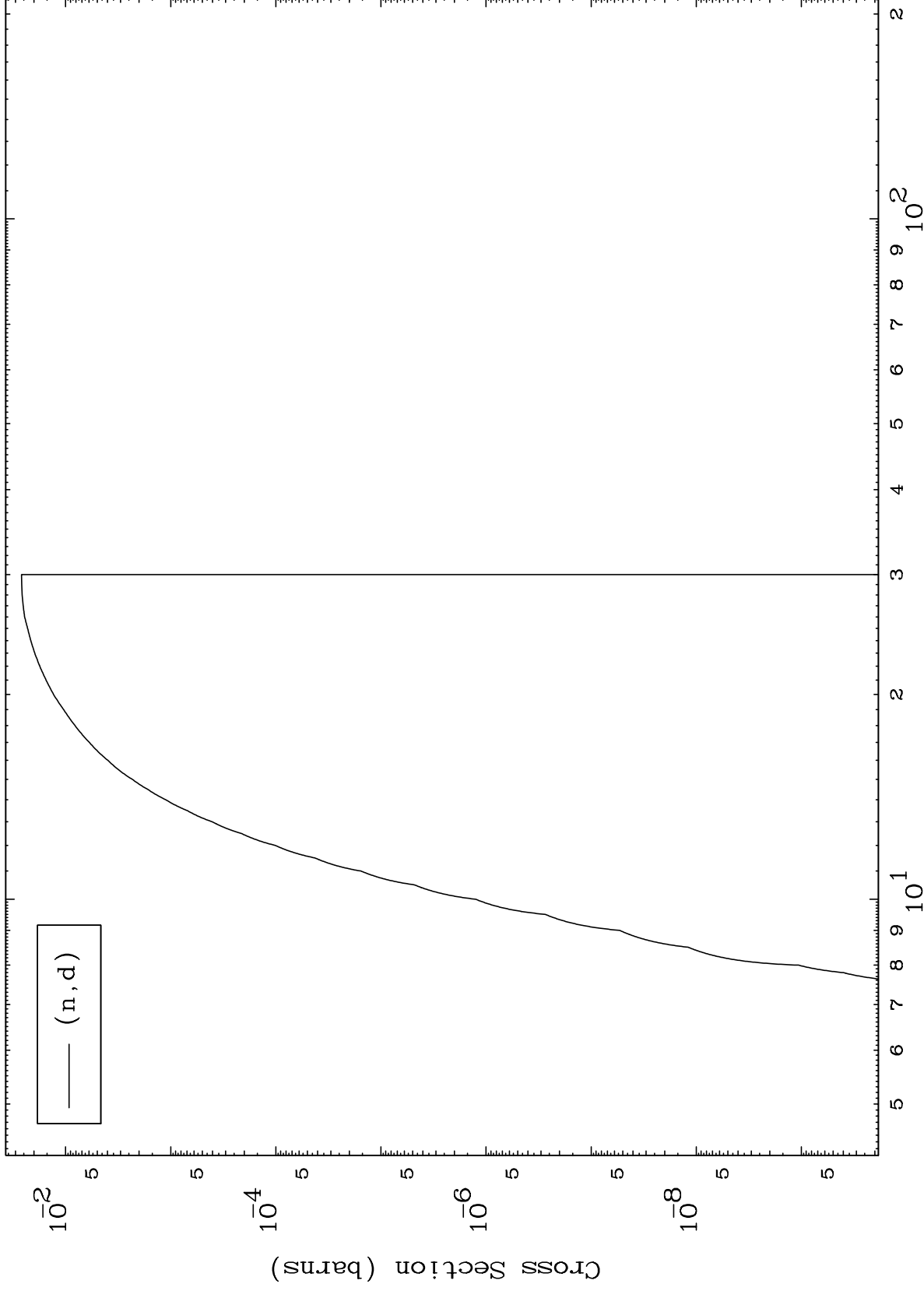
58-Ce-134



MAT 5819

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-134



13

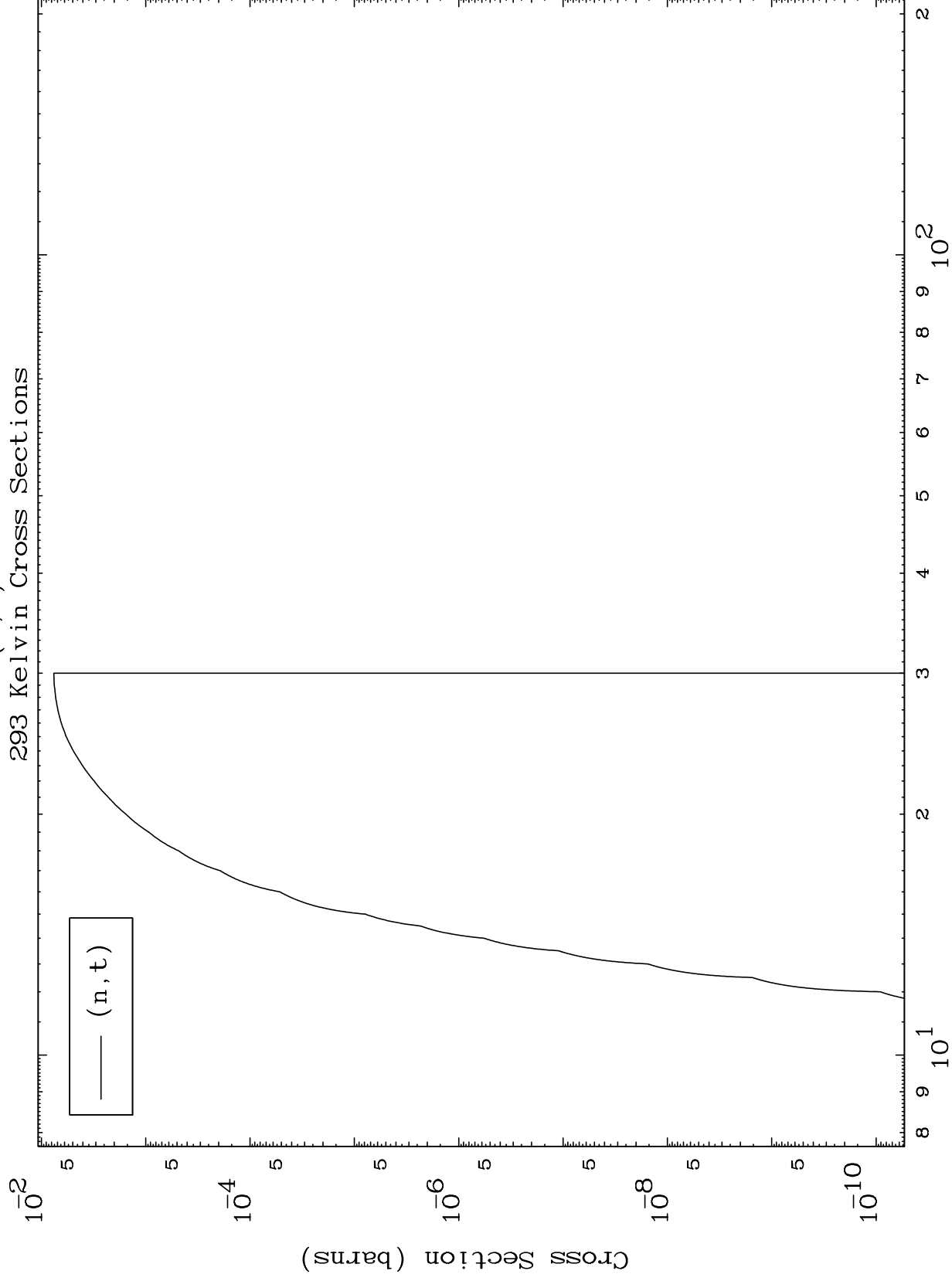
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-134



14

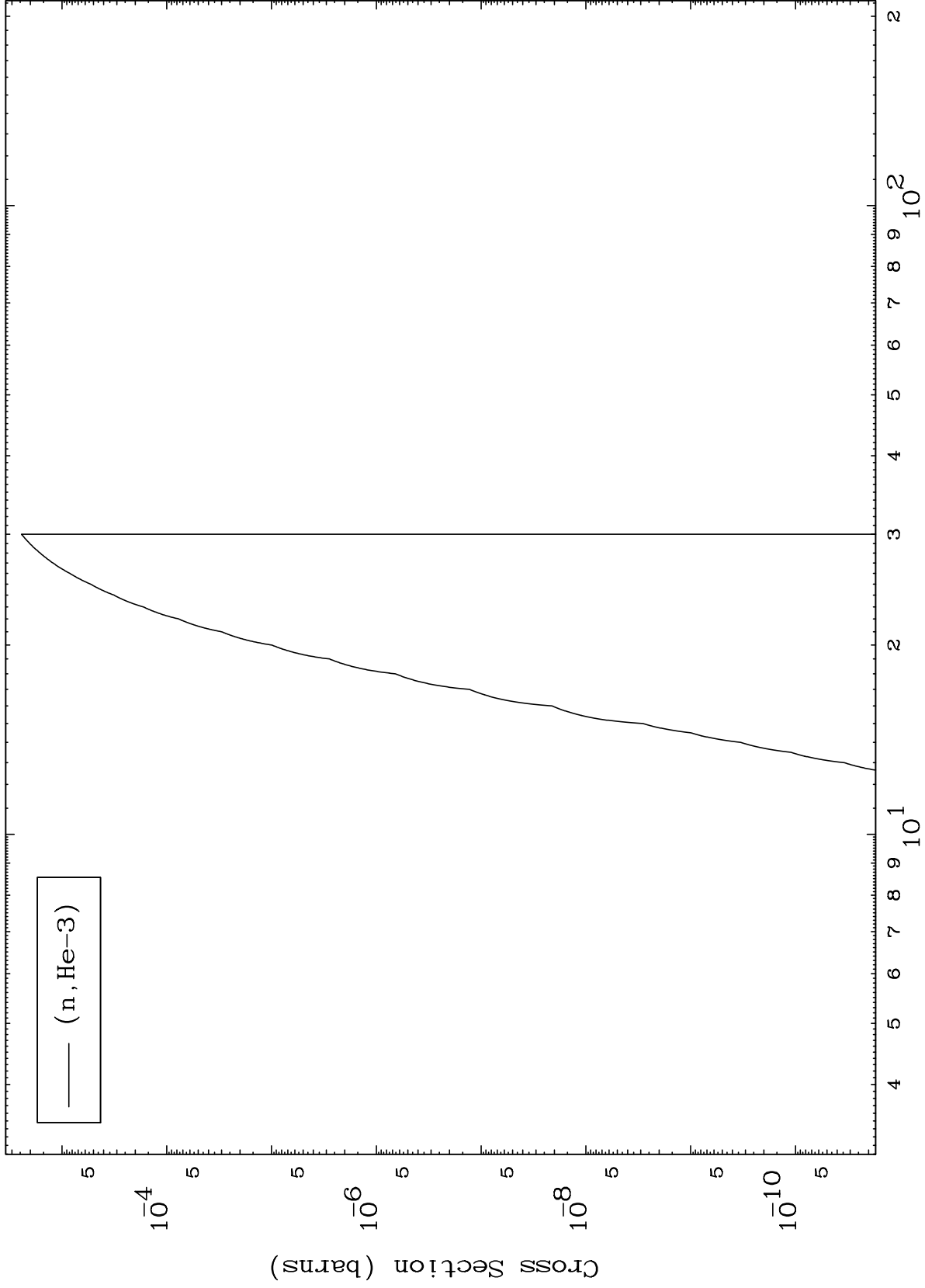
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-134



15

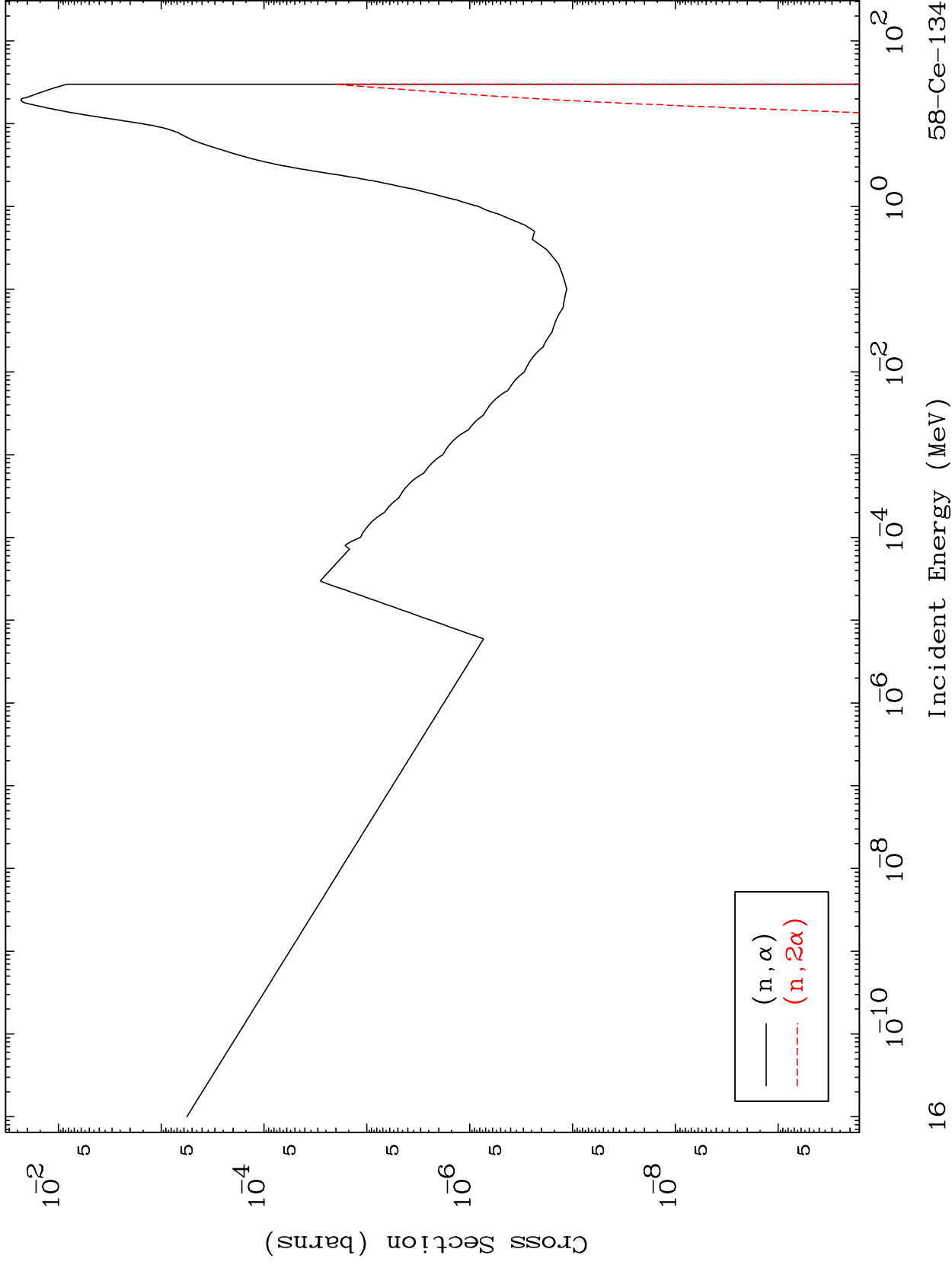
Incident Energy (MeV)

58-Ce-134

MAT 5819

(n,α) Levels
293 Kelvin Cross Sections

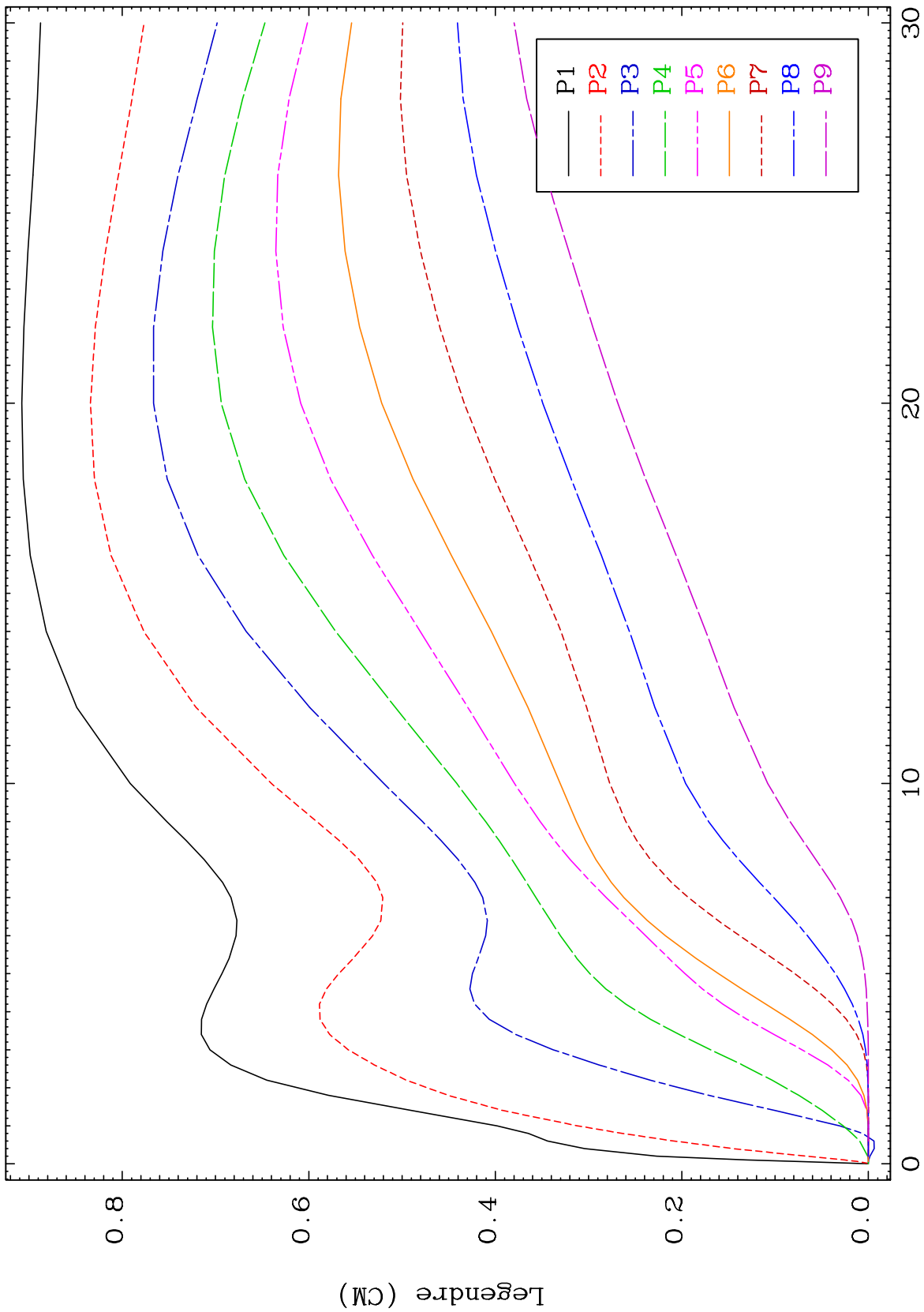
58-Ce-134



MAT 5819

Elastic Legendre Coefficients

58-Ce-134



17

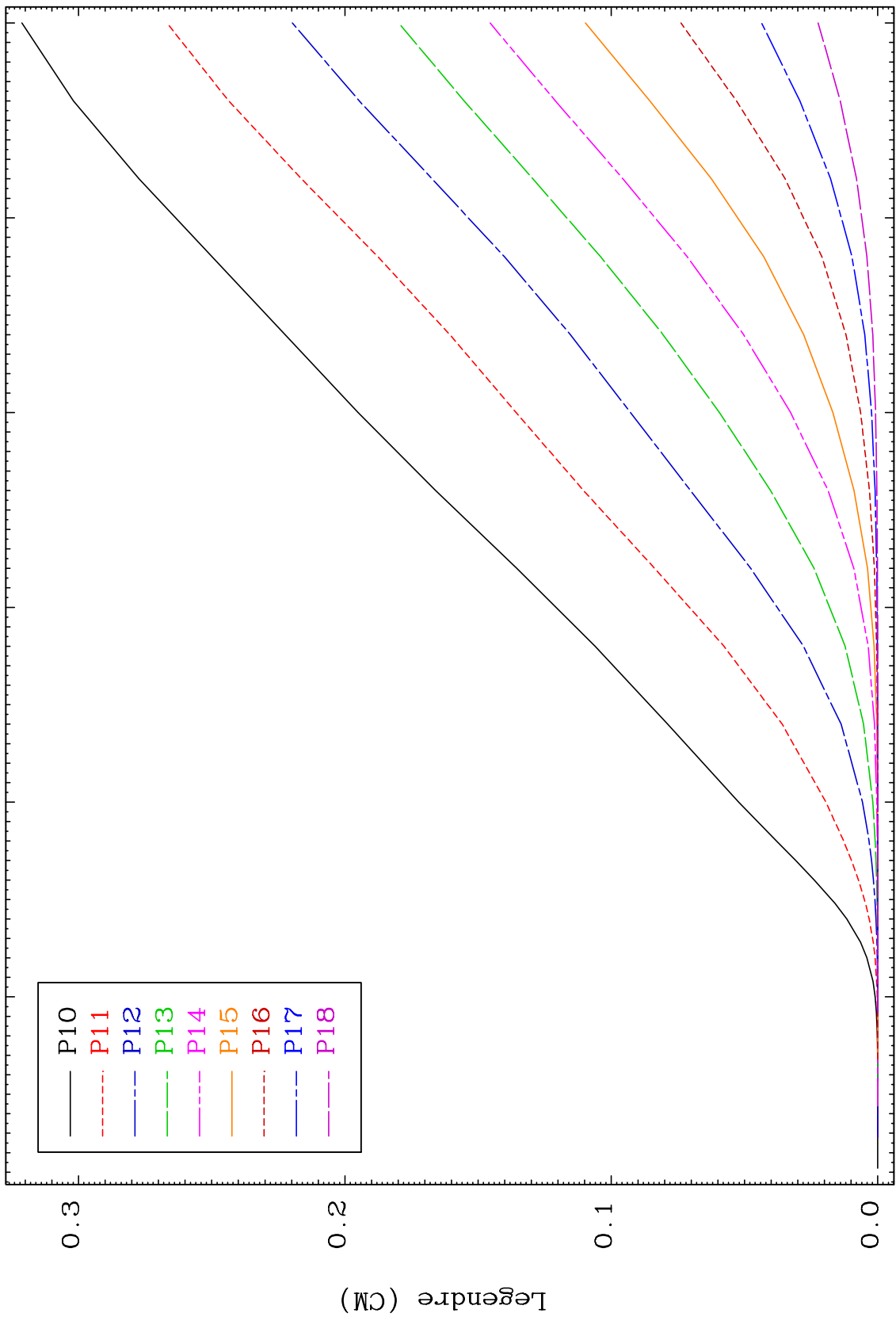
Incident Energy (MeV)

58-Ce-134

MAT 5819

Elastic Legendre Coefficients

58-Ce-134



18

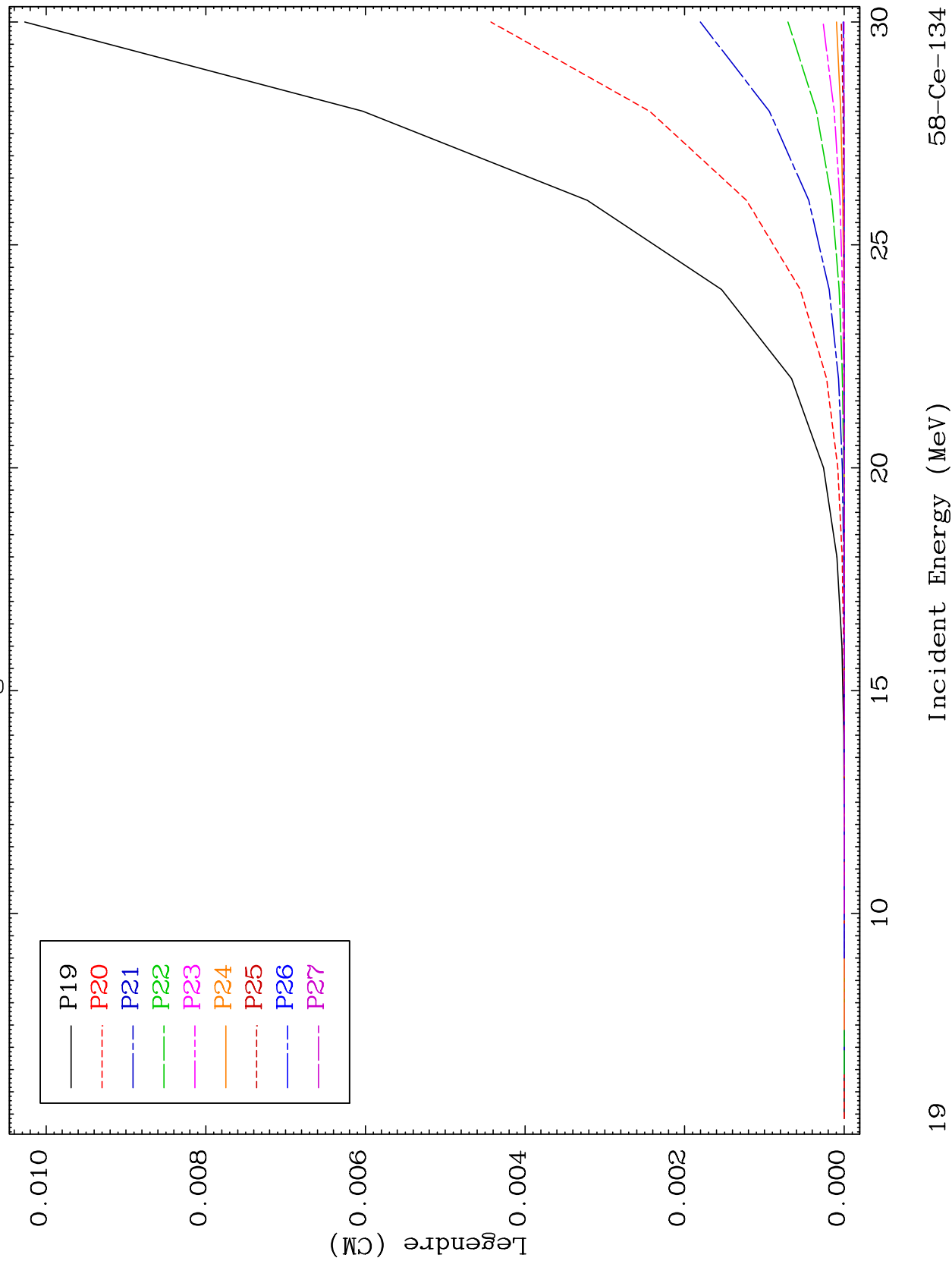
Incident Energy (MeV)

58-Ce-134

MAT 5819

Elastic Legendre Coefficients

58-Ce-134



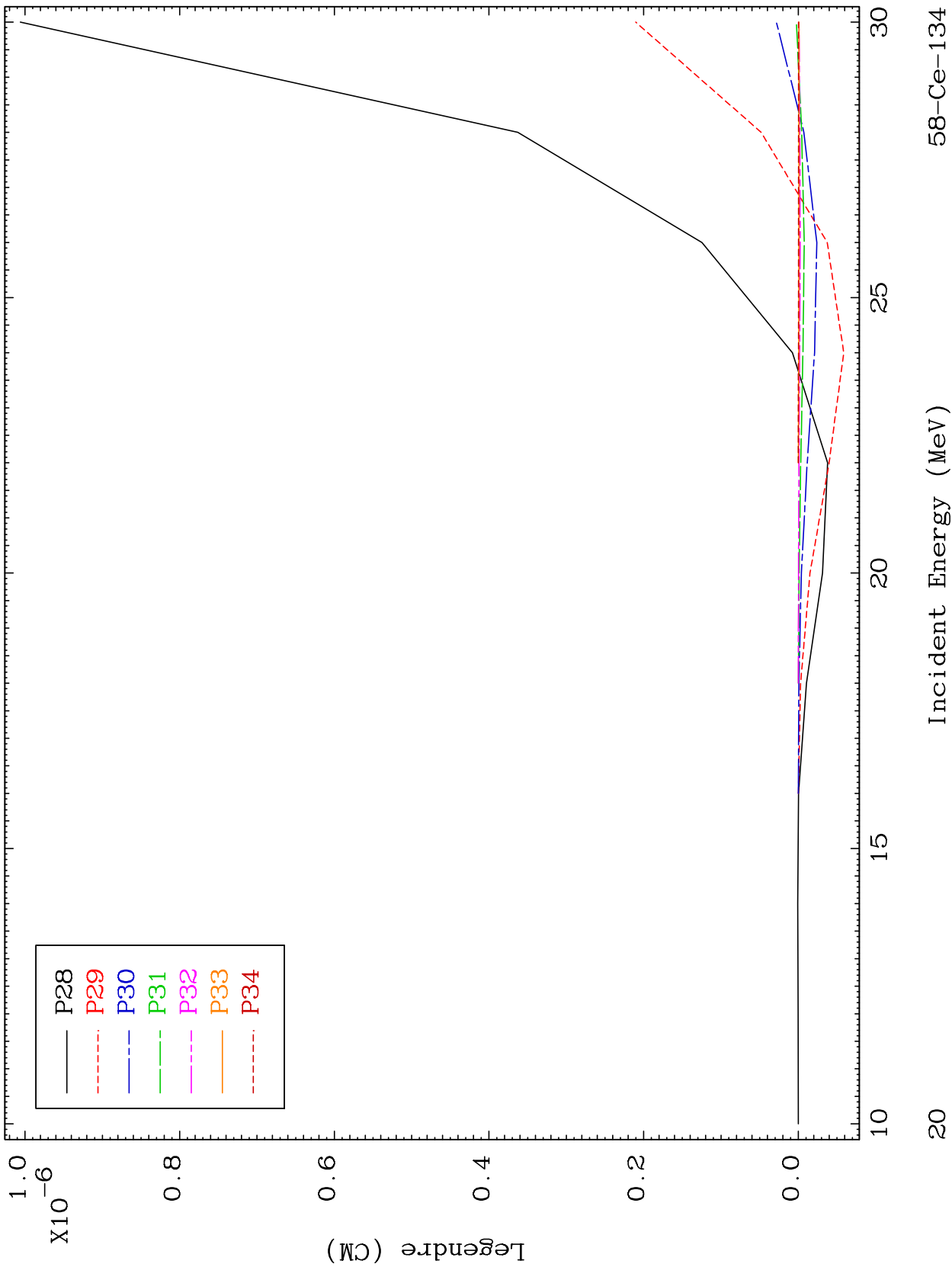
19

58-Ce-134

MAT 5819

Elastic
Legendre Coefficients

58-Ce-134



58-Ce-134

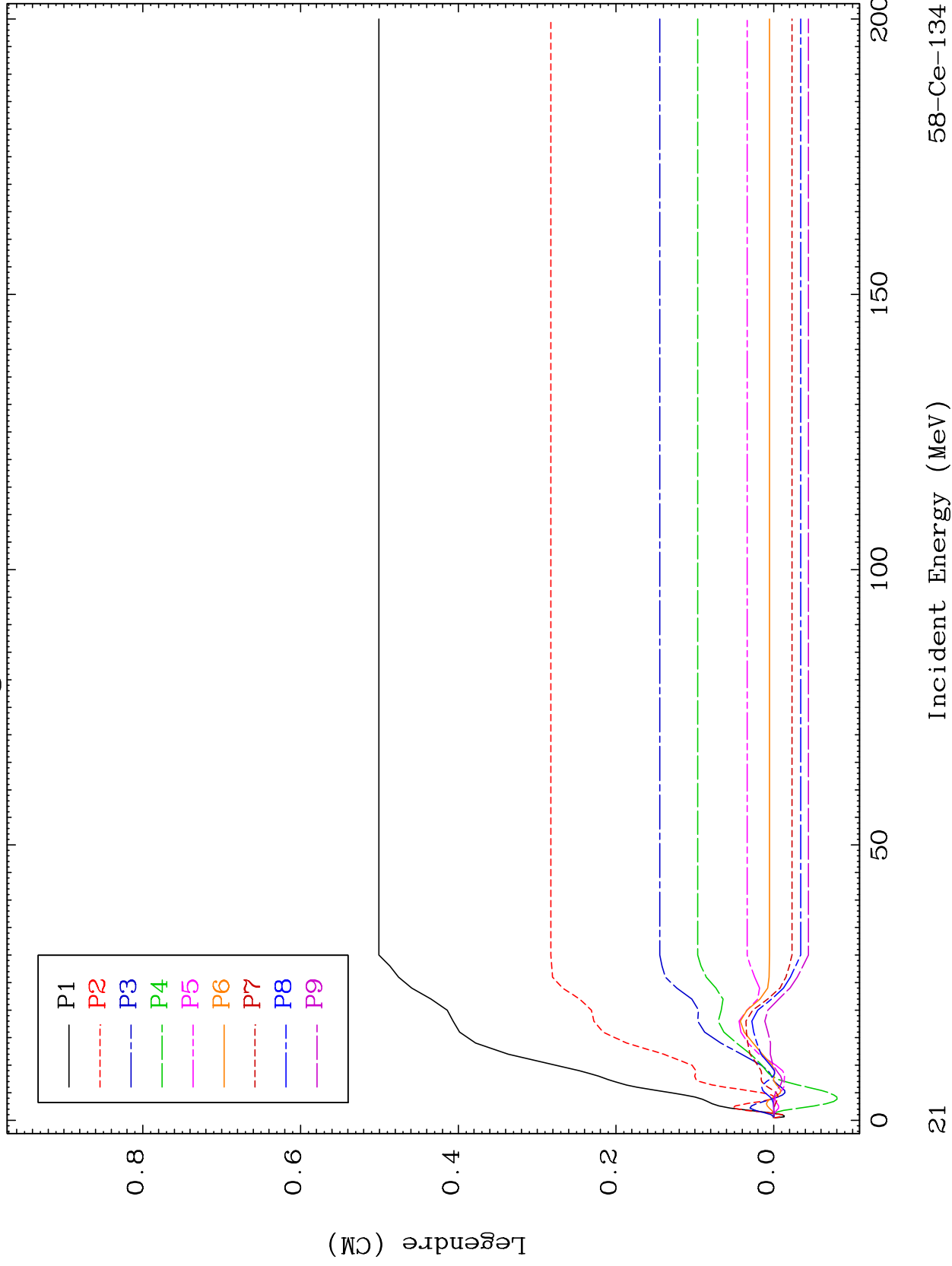
Incident Energy (MeV)

20

MAT 5819

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

58-Ce-134



58-Ce-134

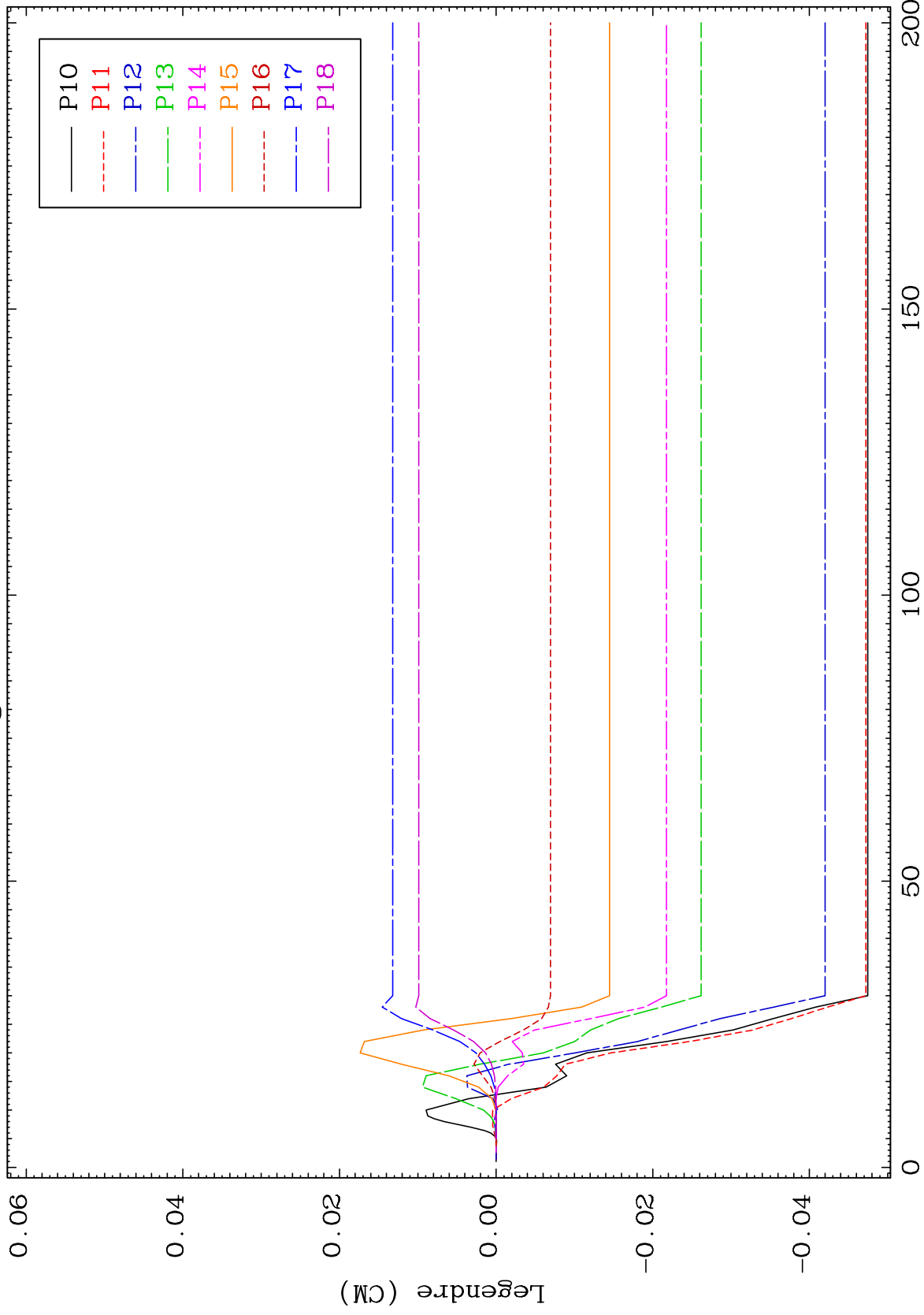
Incident Energy (MeV)

21

MAT 5819

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

58-Ce-134



22

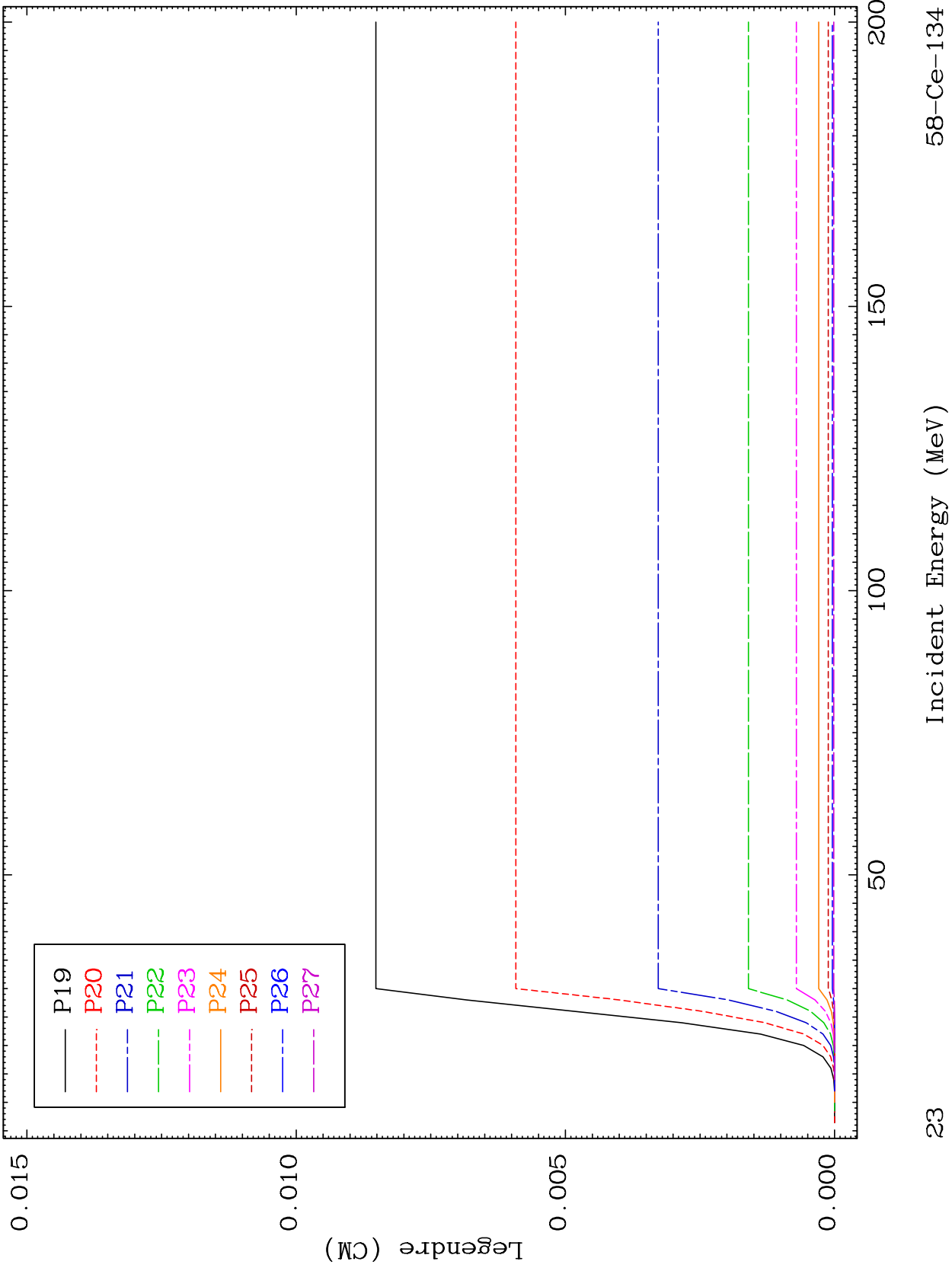
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



23

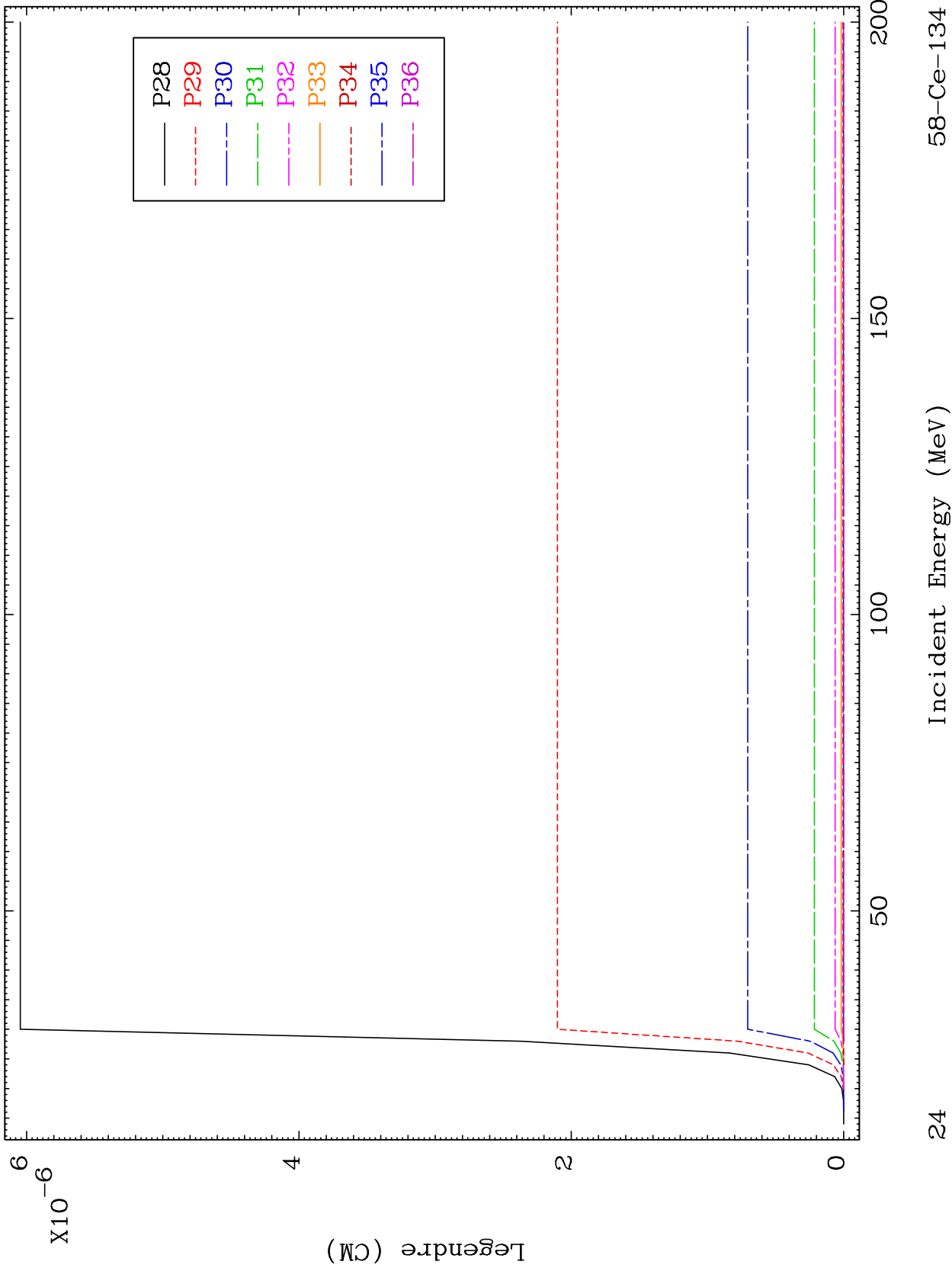
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

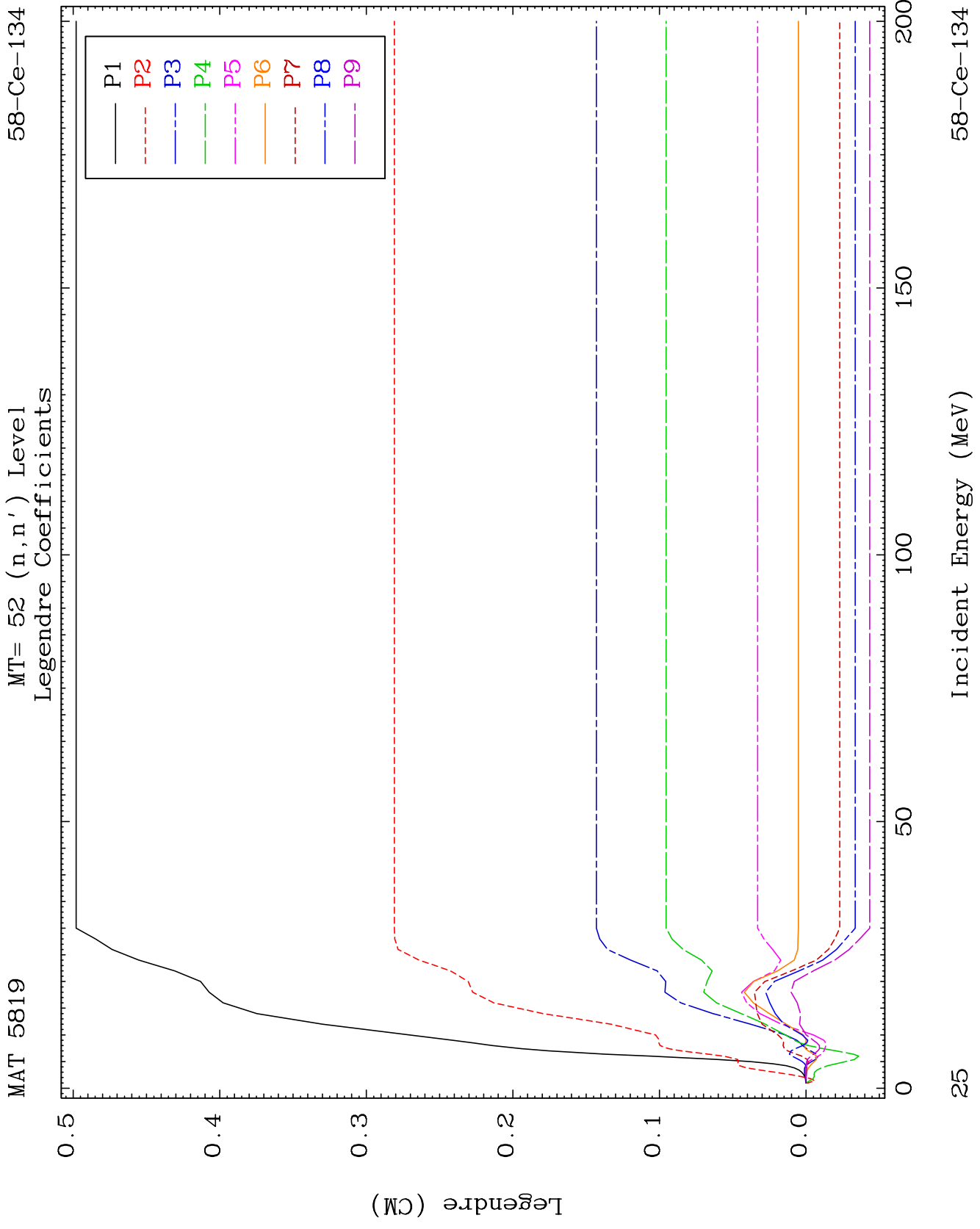
58-Ce-134

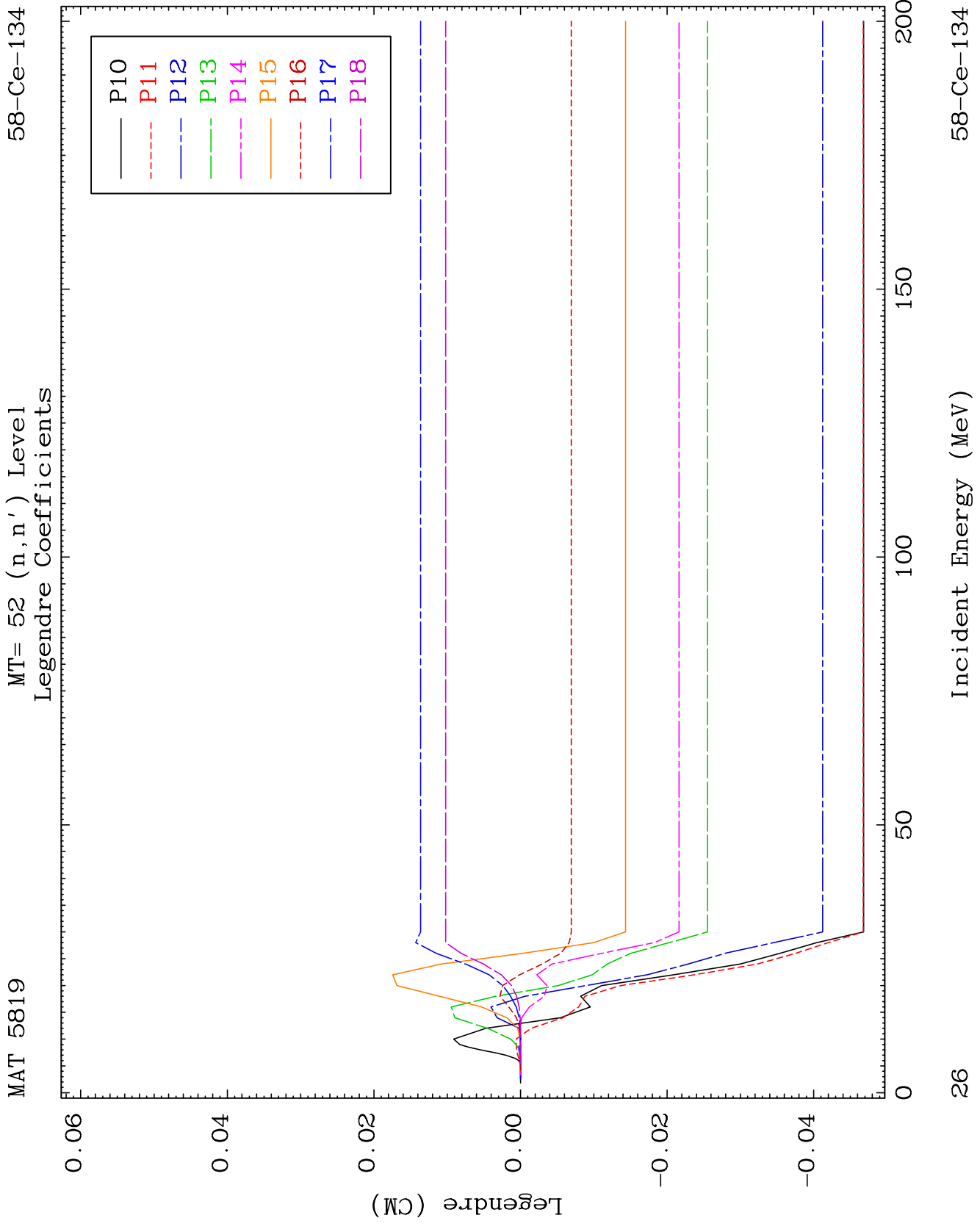


24

Incident Energy (MeV)

58-Ce-134

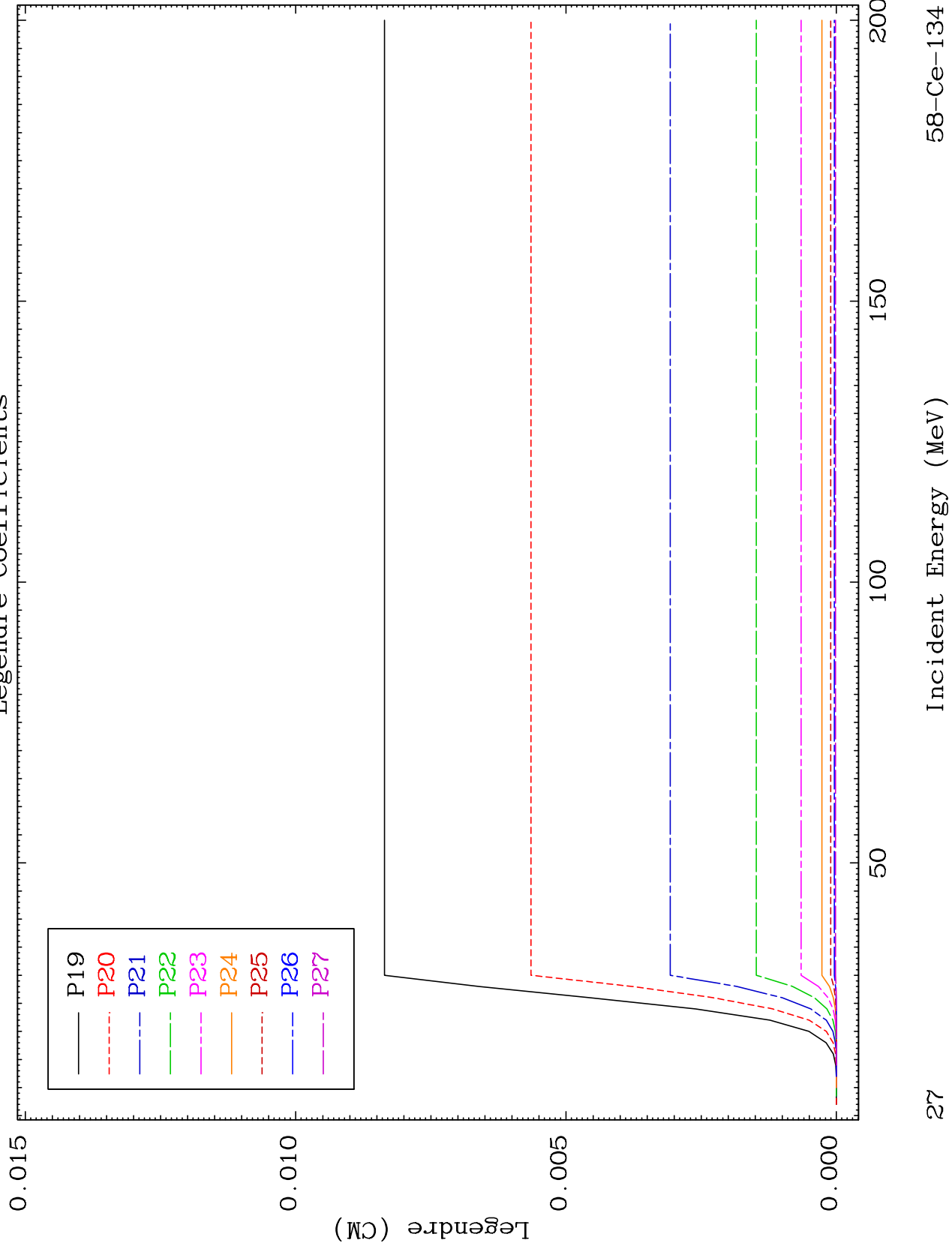




MAT 5819

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

58-Ce-134



27

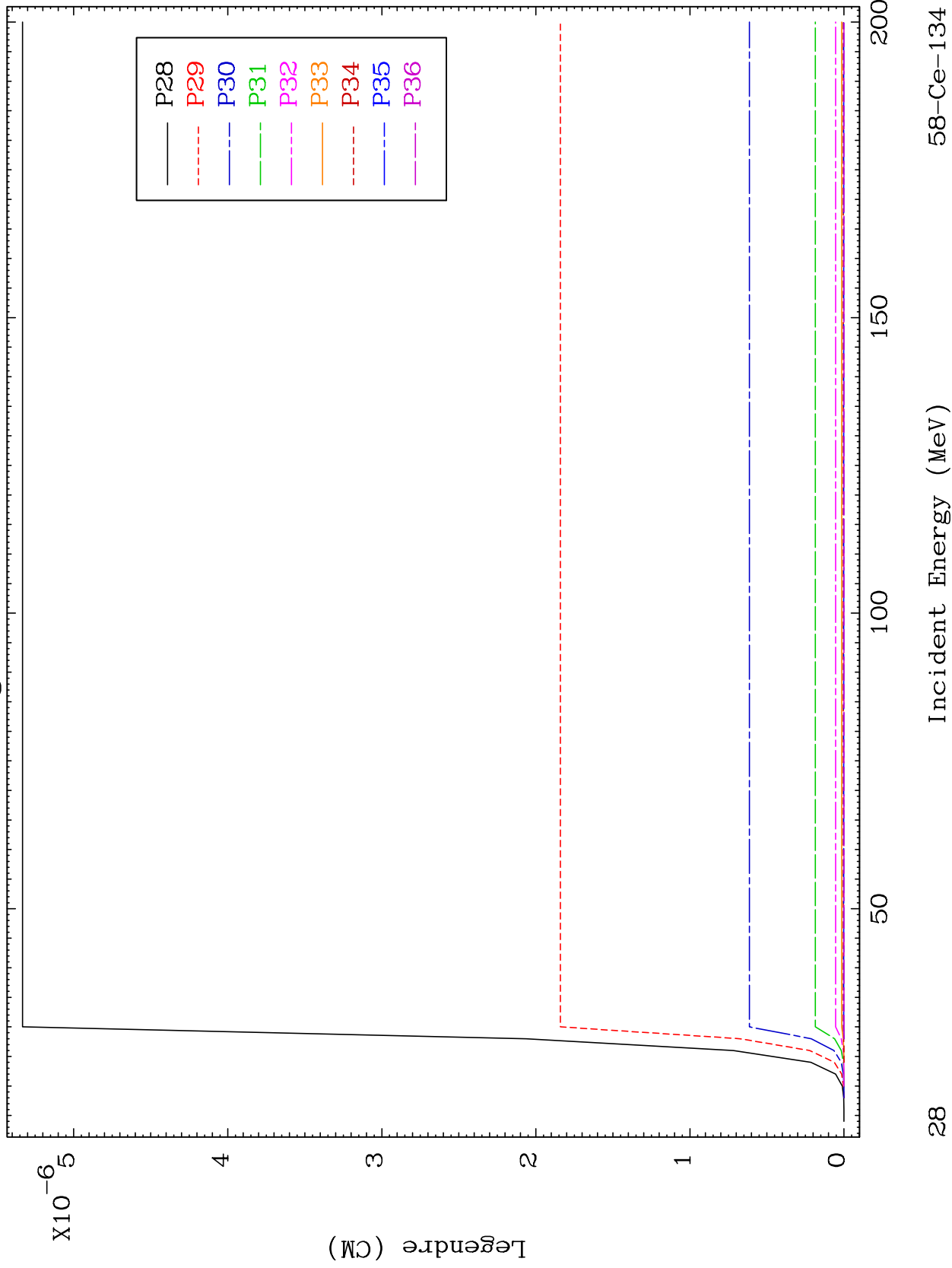
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



28

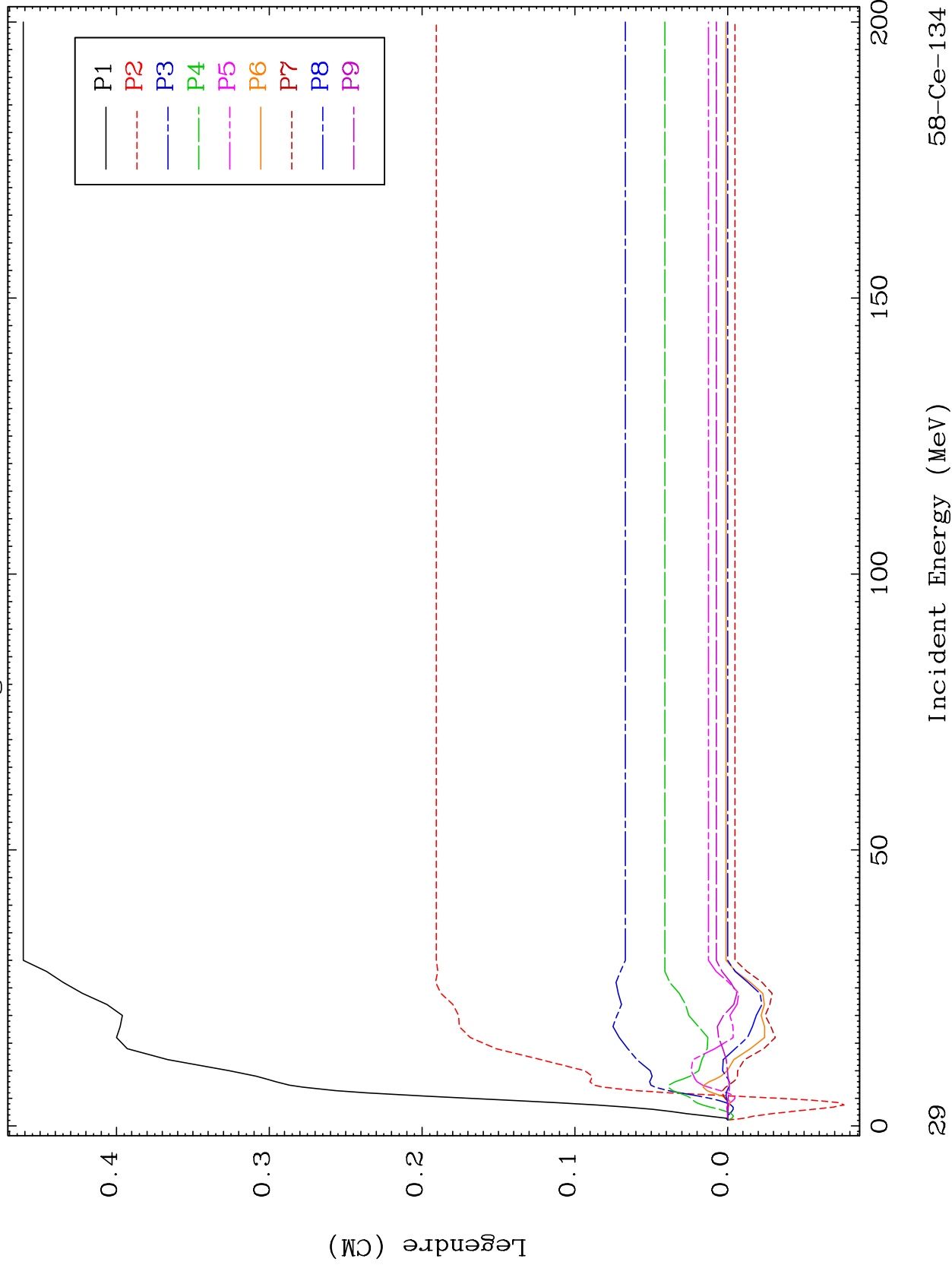
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



58-Ce-134

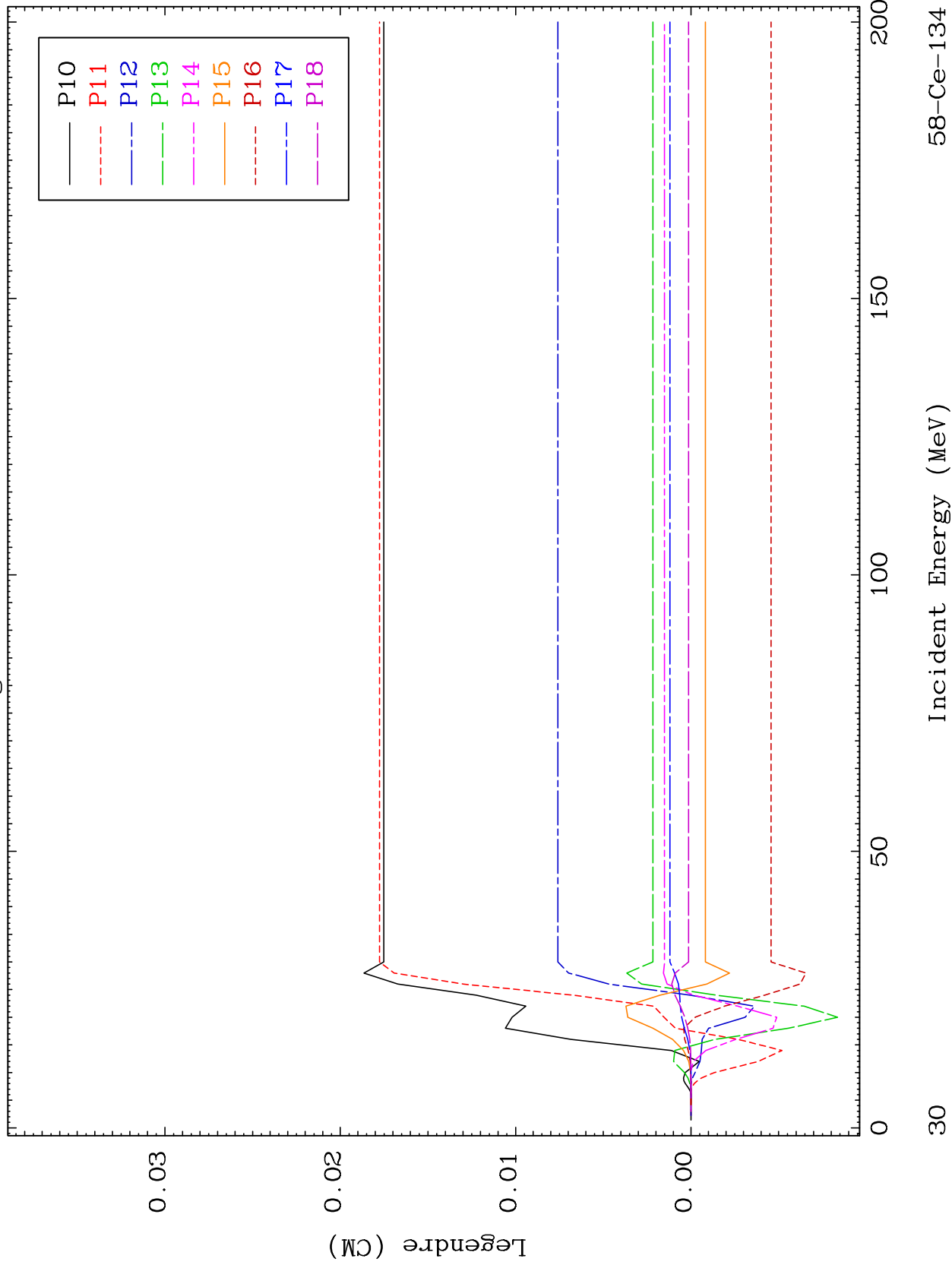
Incident Energy (MeV)

29

MAT 5819

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

58-Ce-134



58-Ce-134

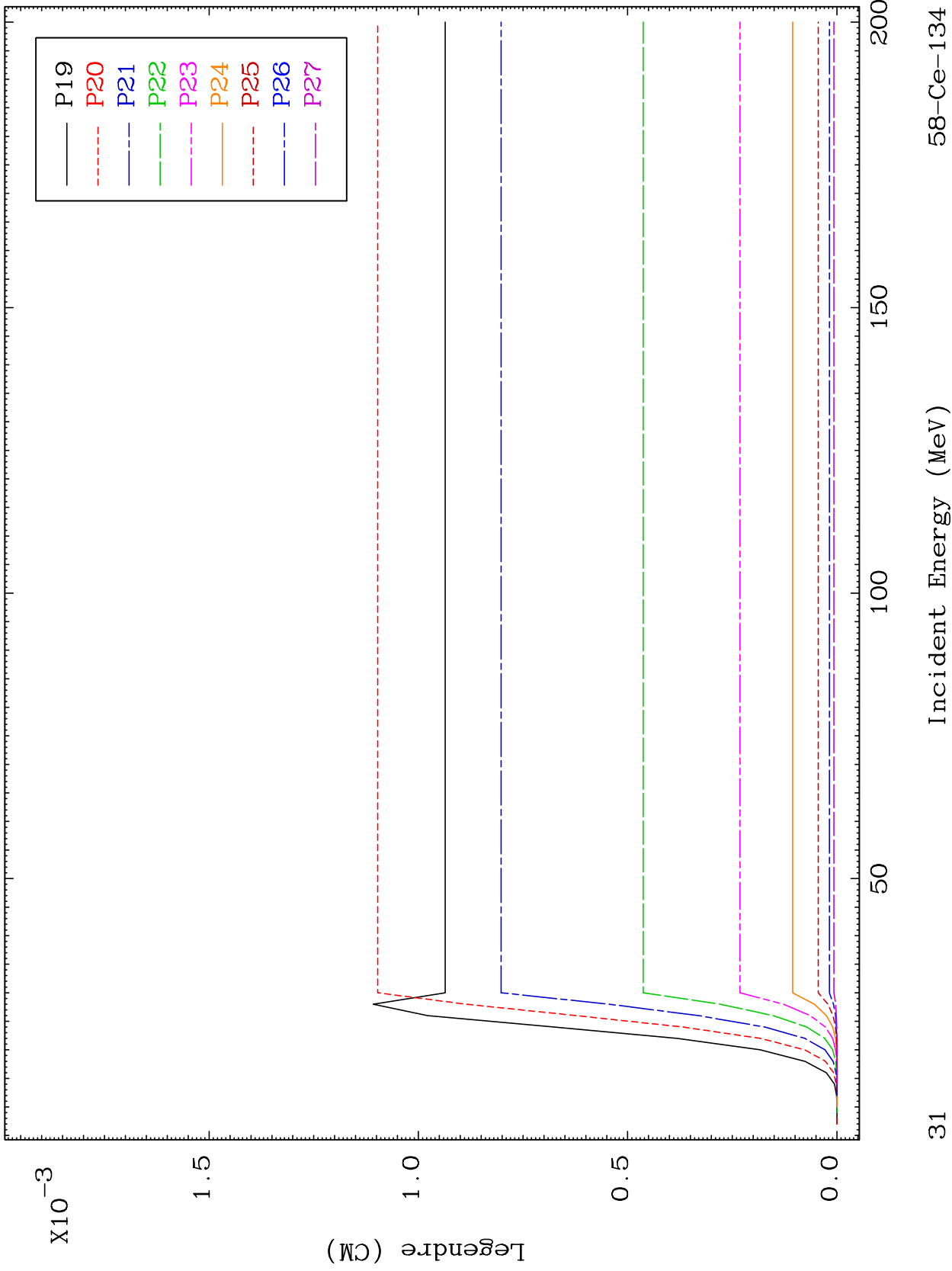
Incident Energy (MeV)

30

MAT 5819

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

58-Ce-134



31

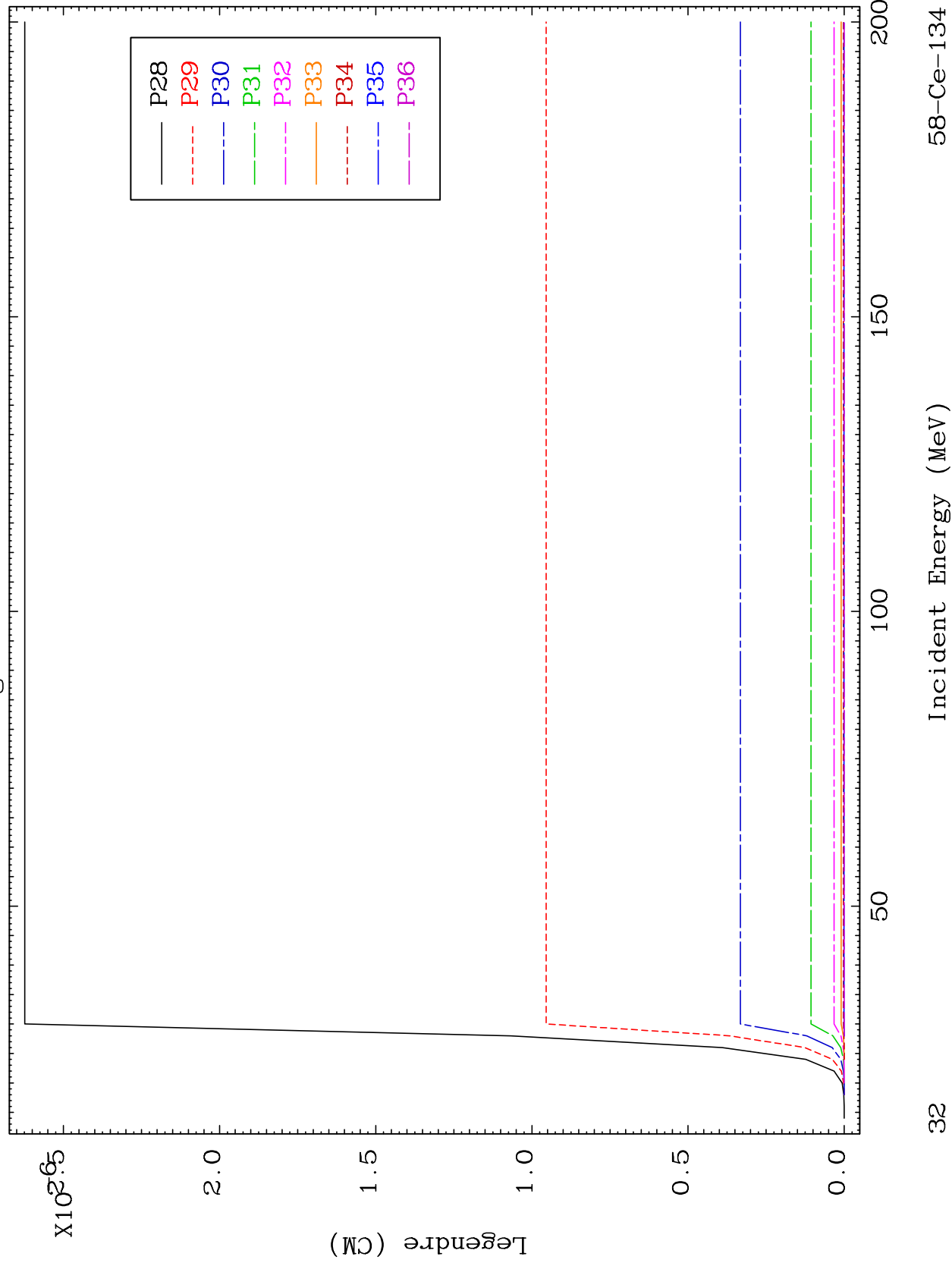
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

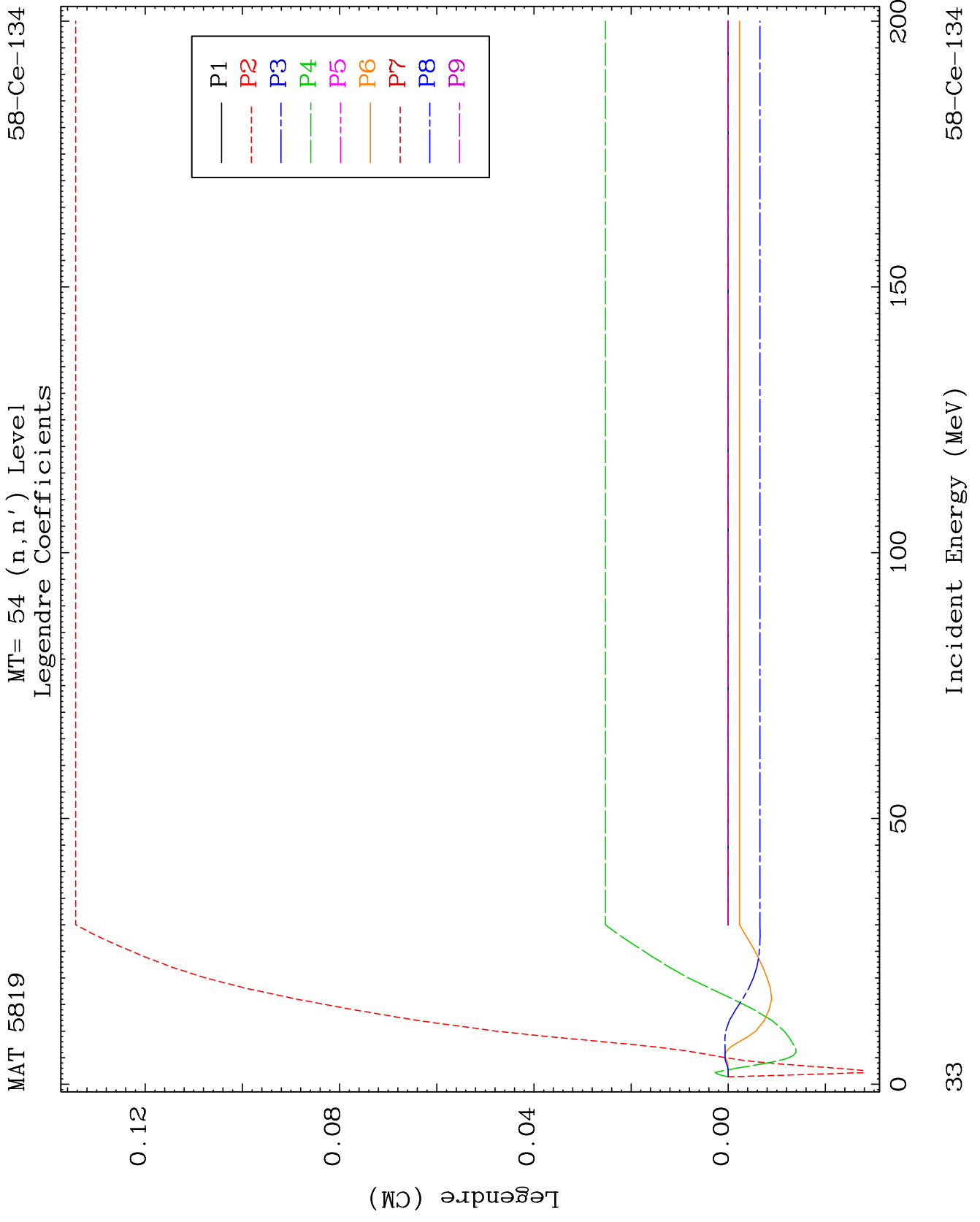
58-Ce-134



32

Incident Energy (MeV)

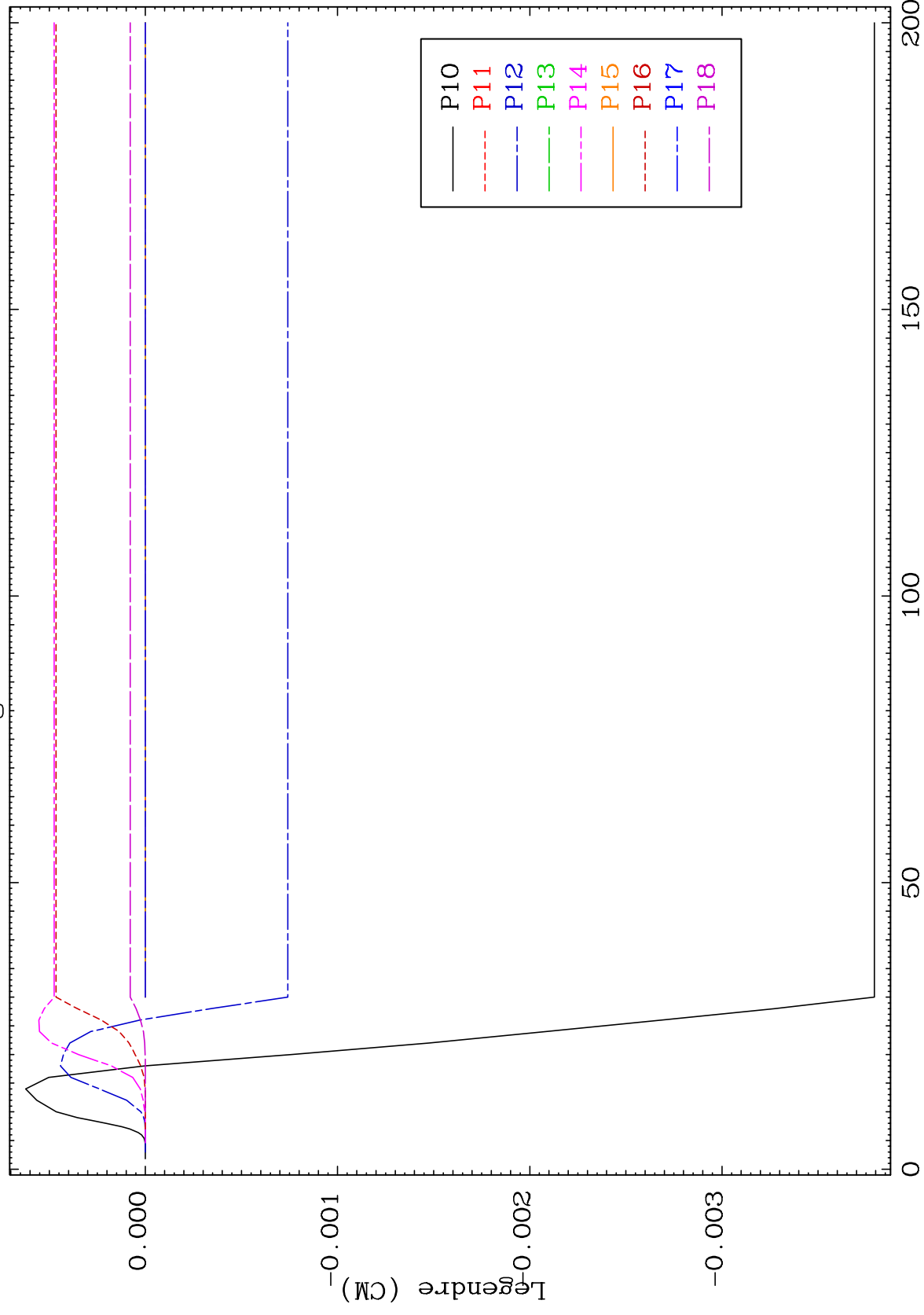
58-Ce-134



MAT 5819

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

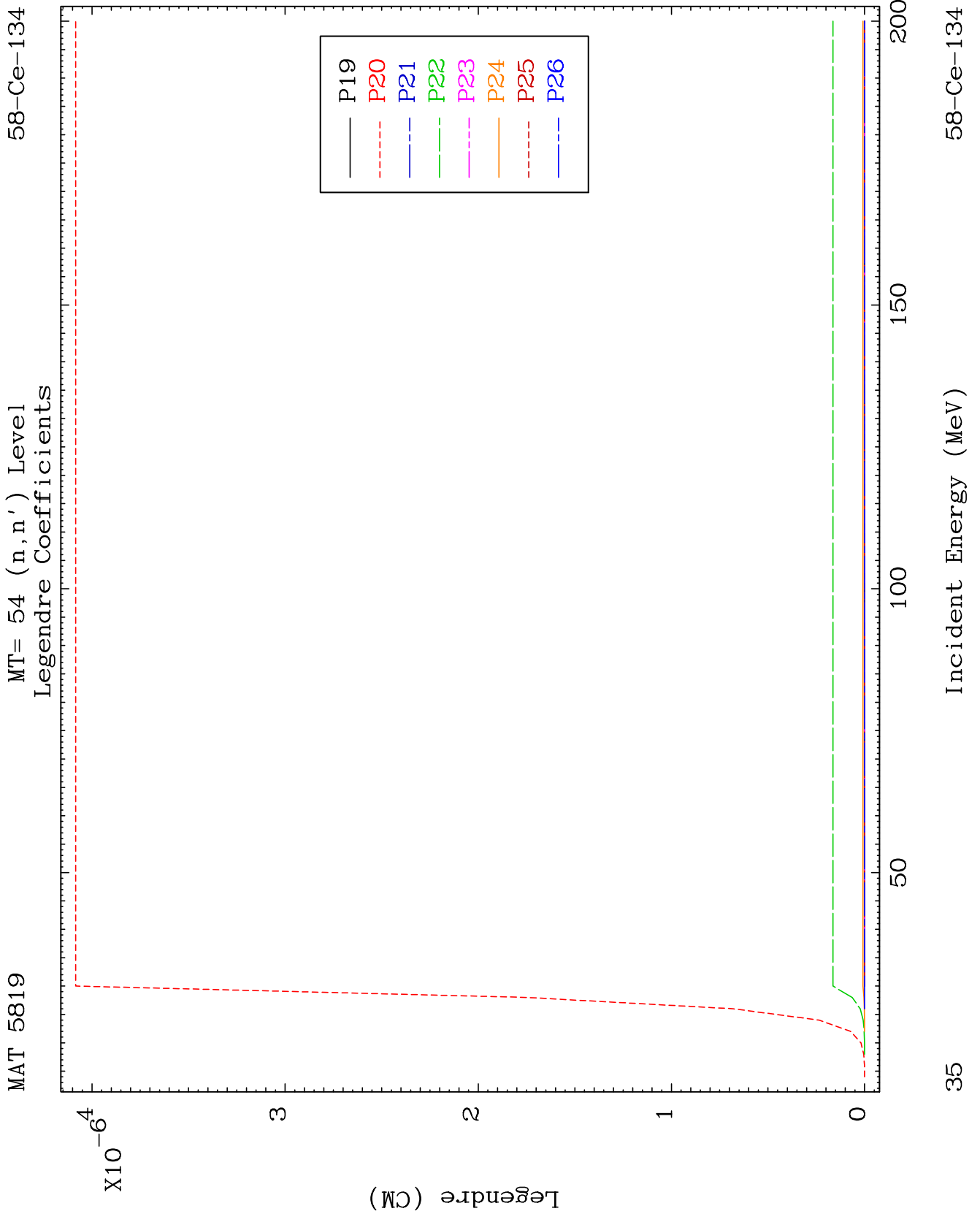
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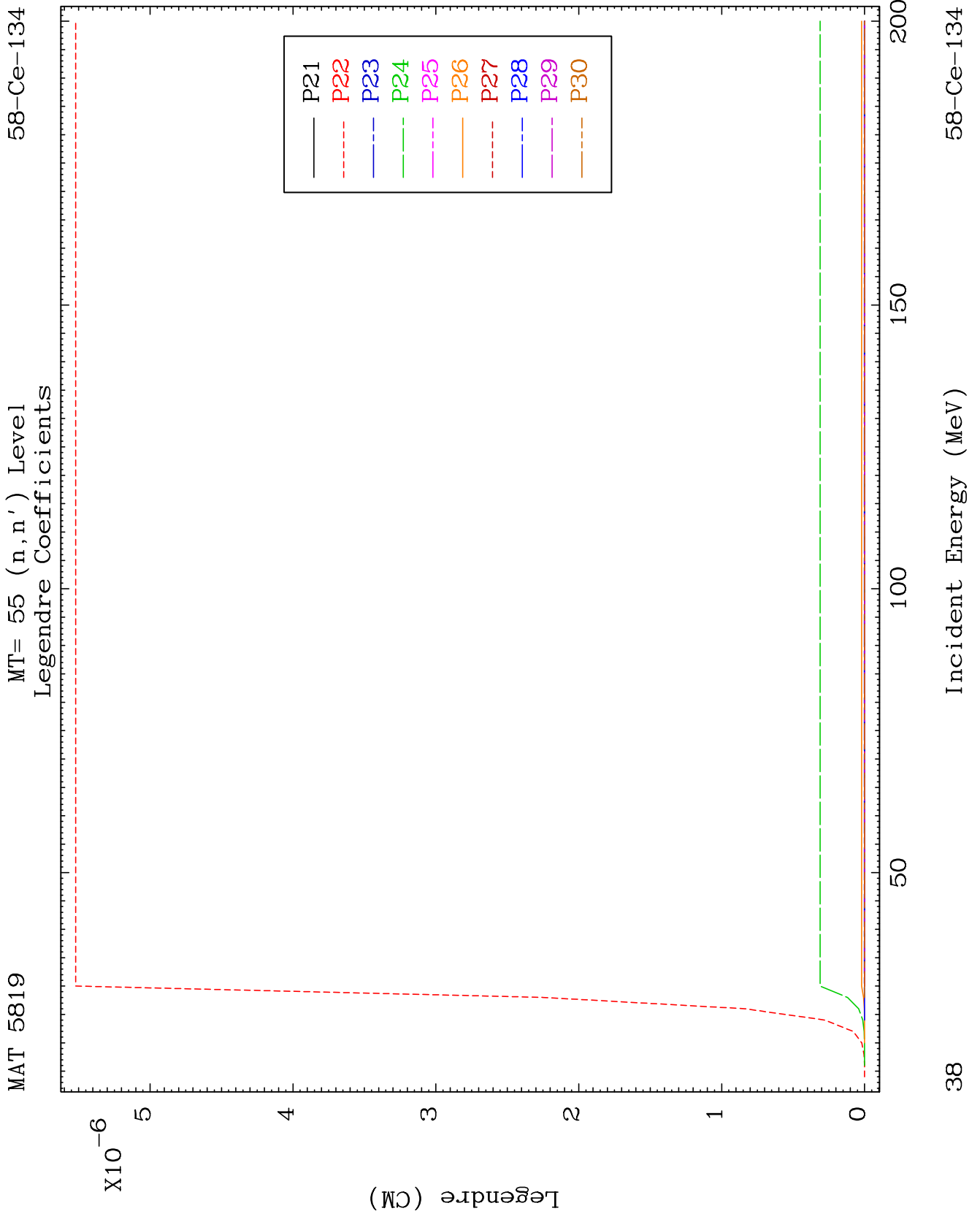


34

Incident Energy (MeV)

58-Ce-134

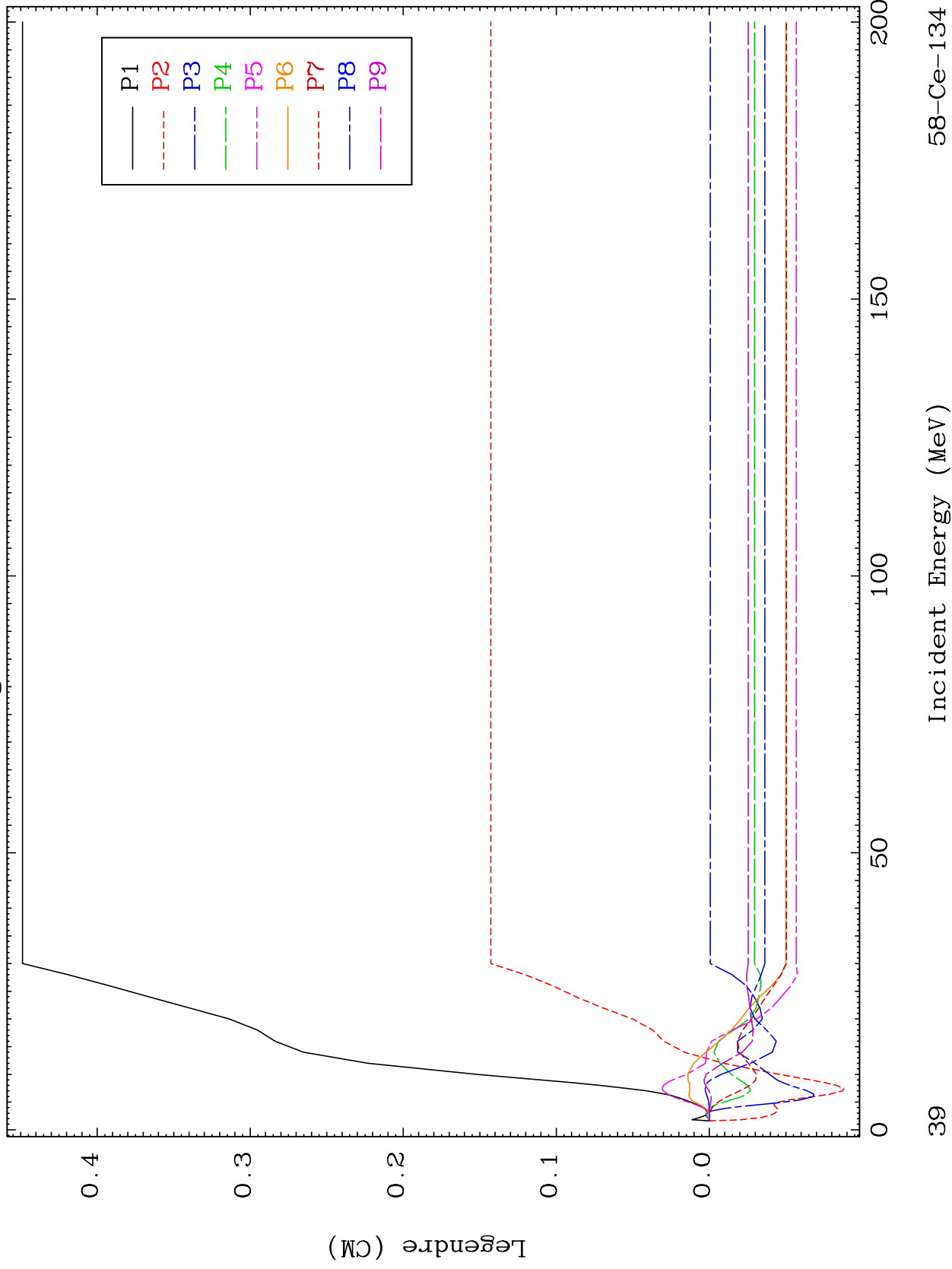




MAT 5819

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

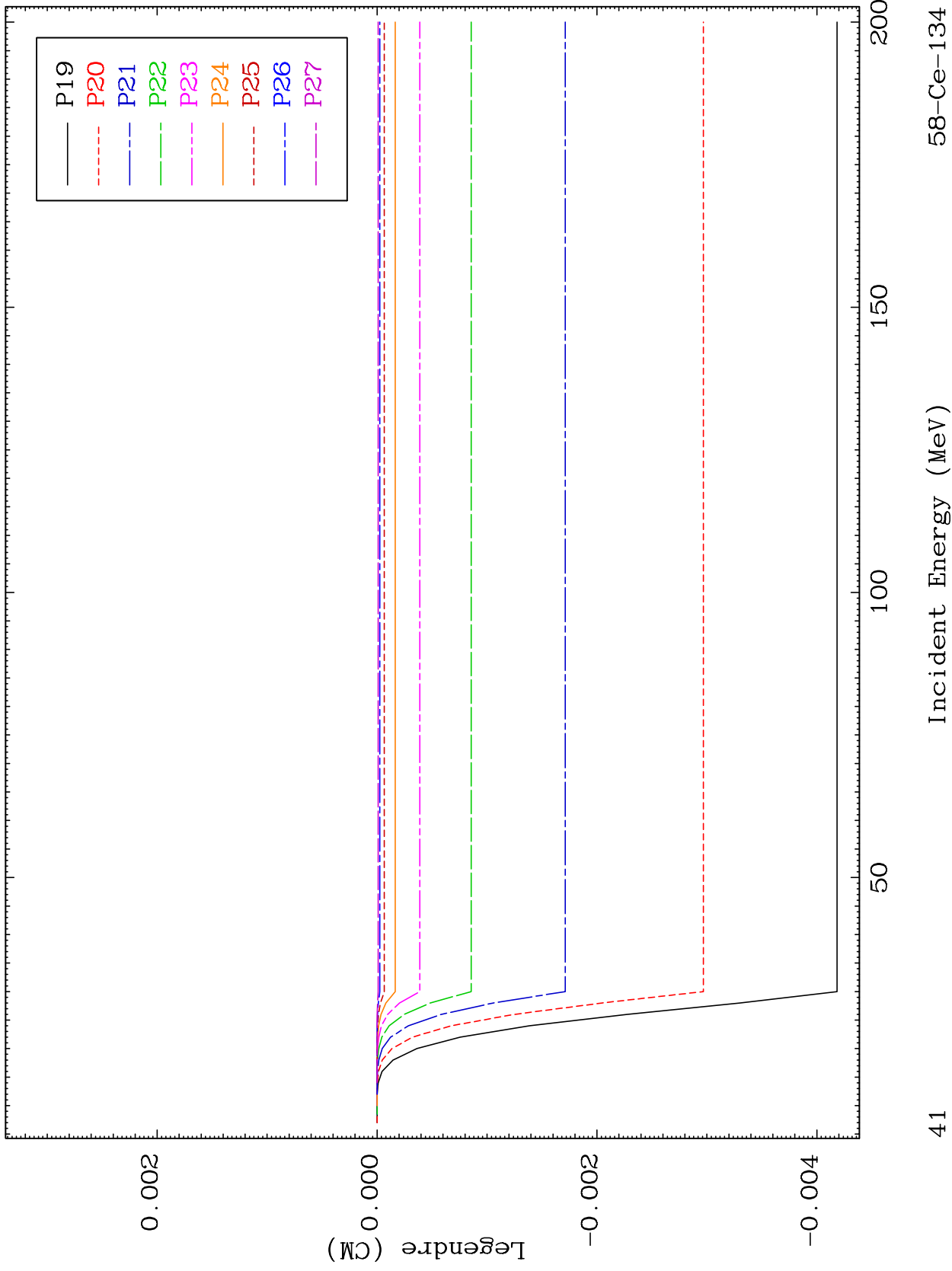
58-Ce-134



MAT 5819

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

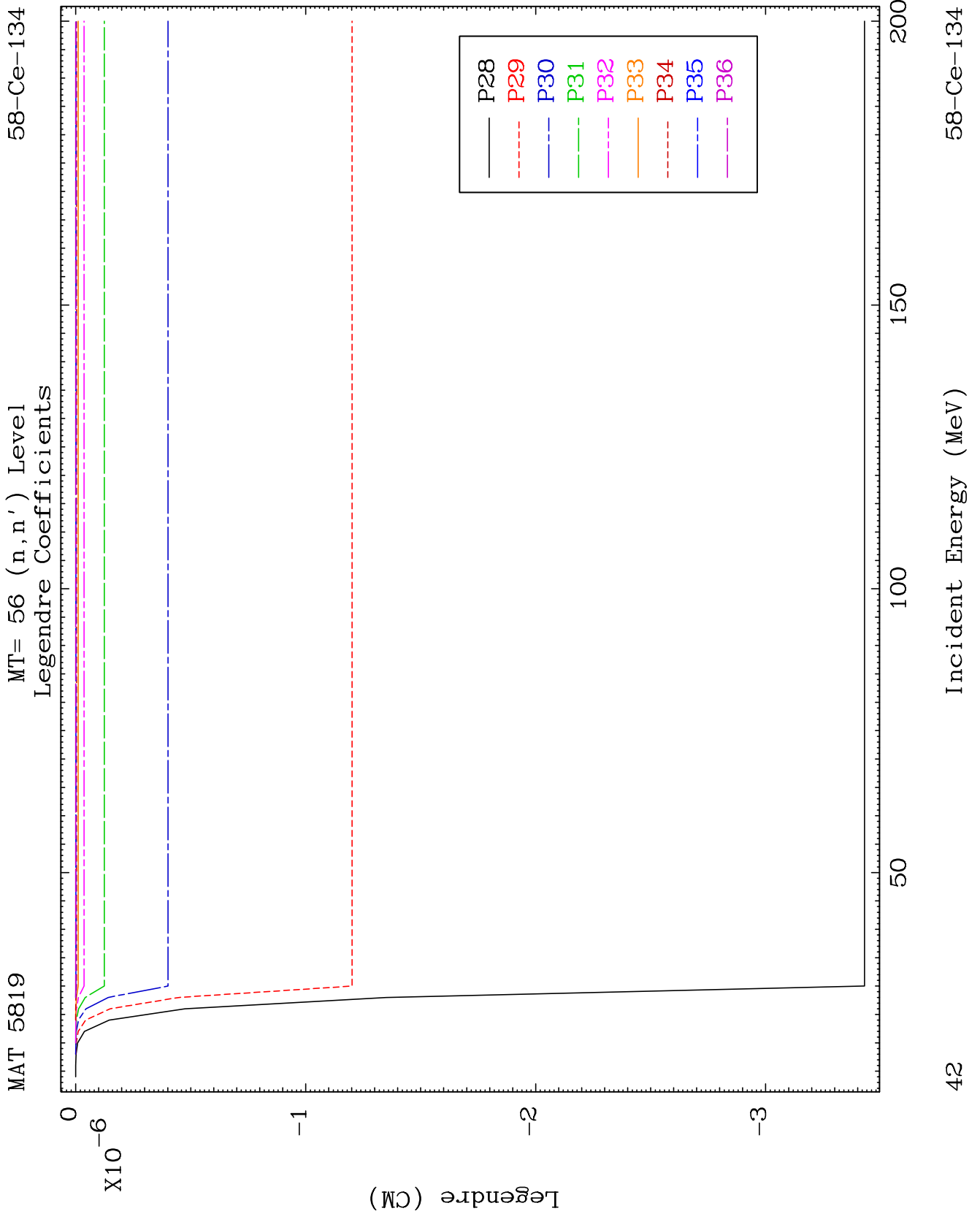
58-Ce-134



41

Incident Energy (MeV)

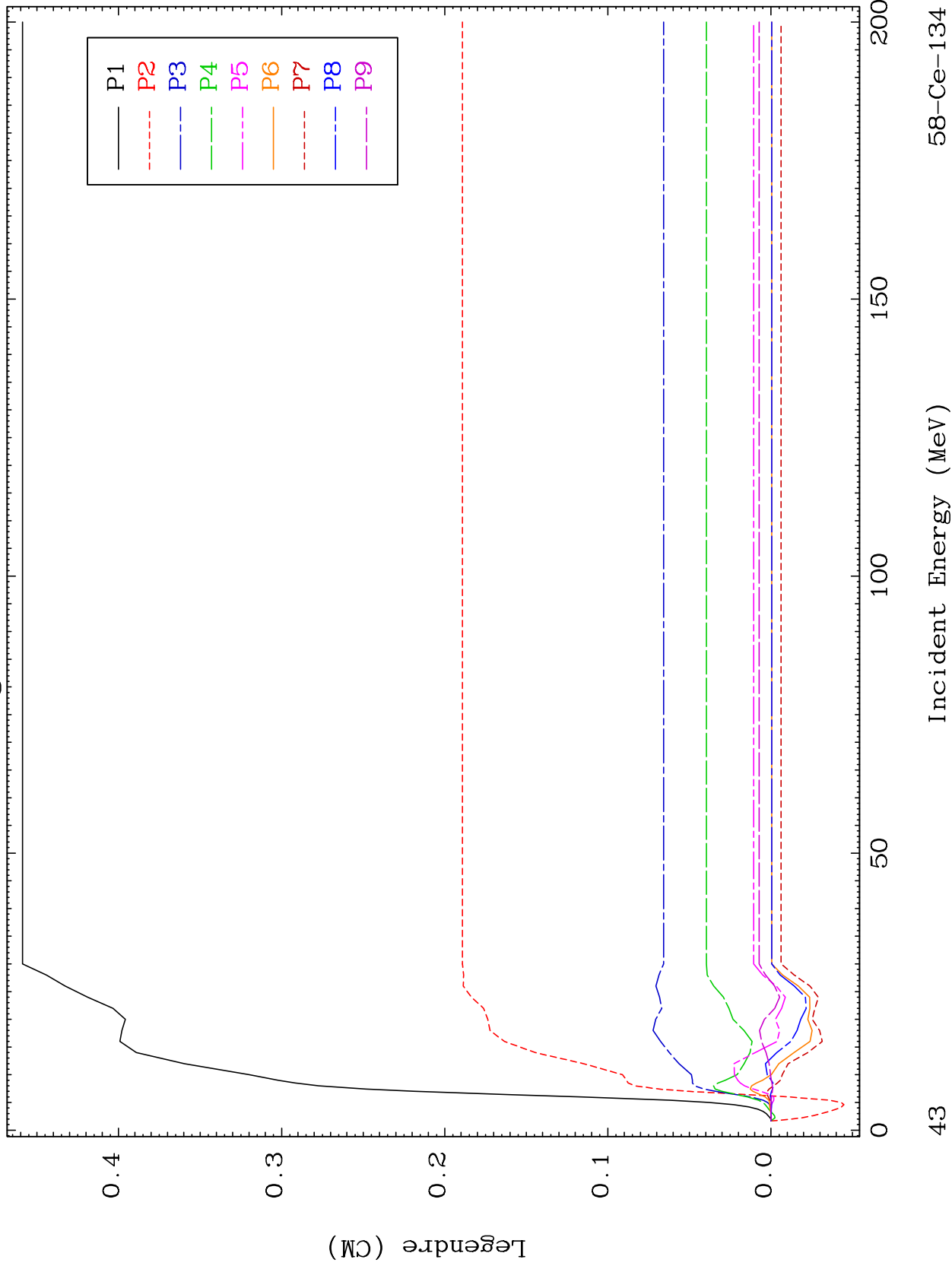
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

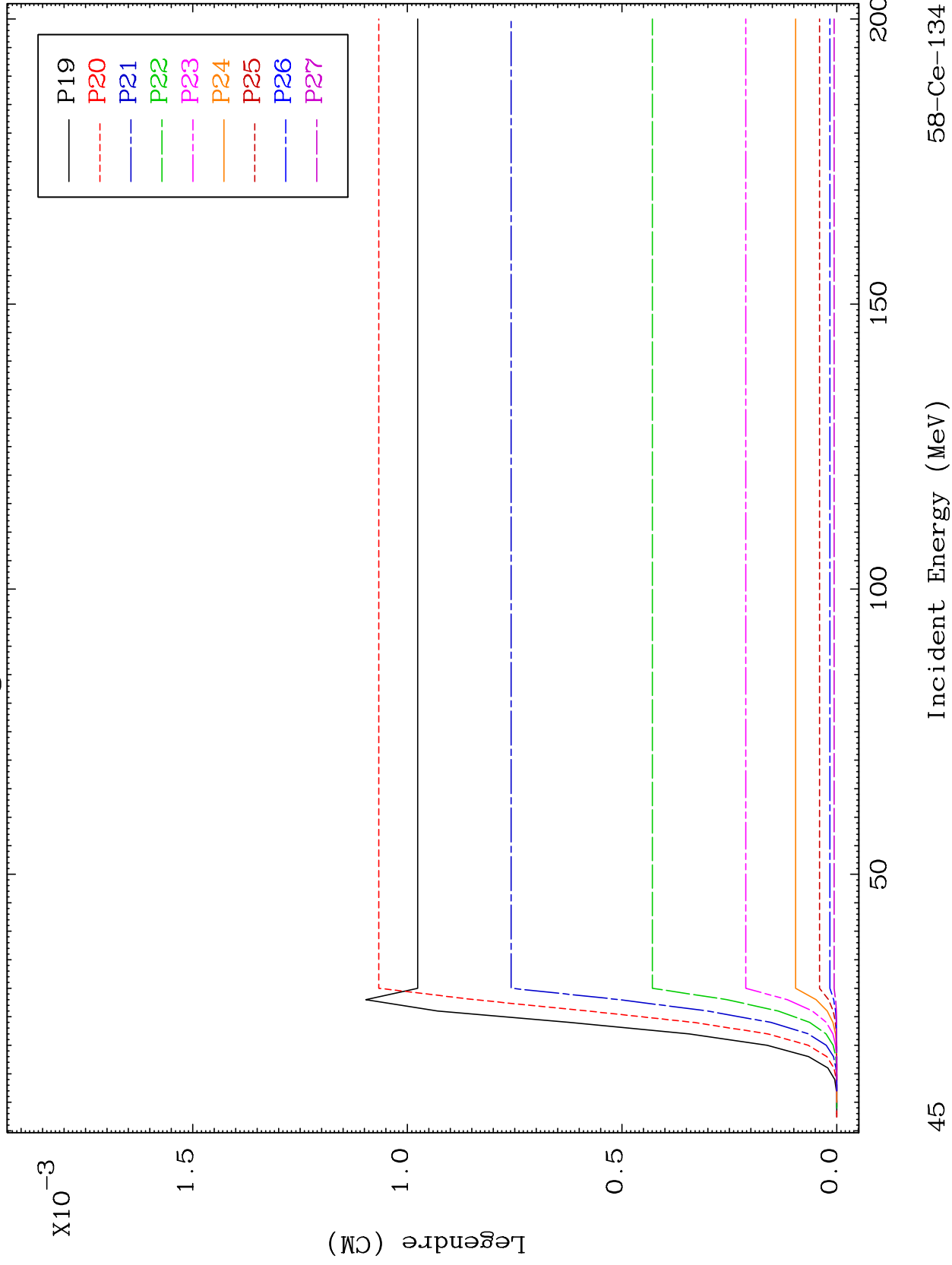
Incident Energy (MeV)

43

MAT 5819

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

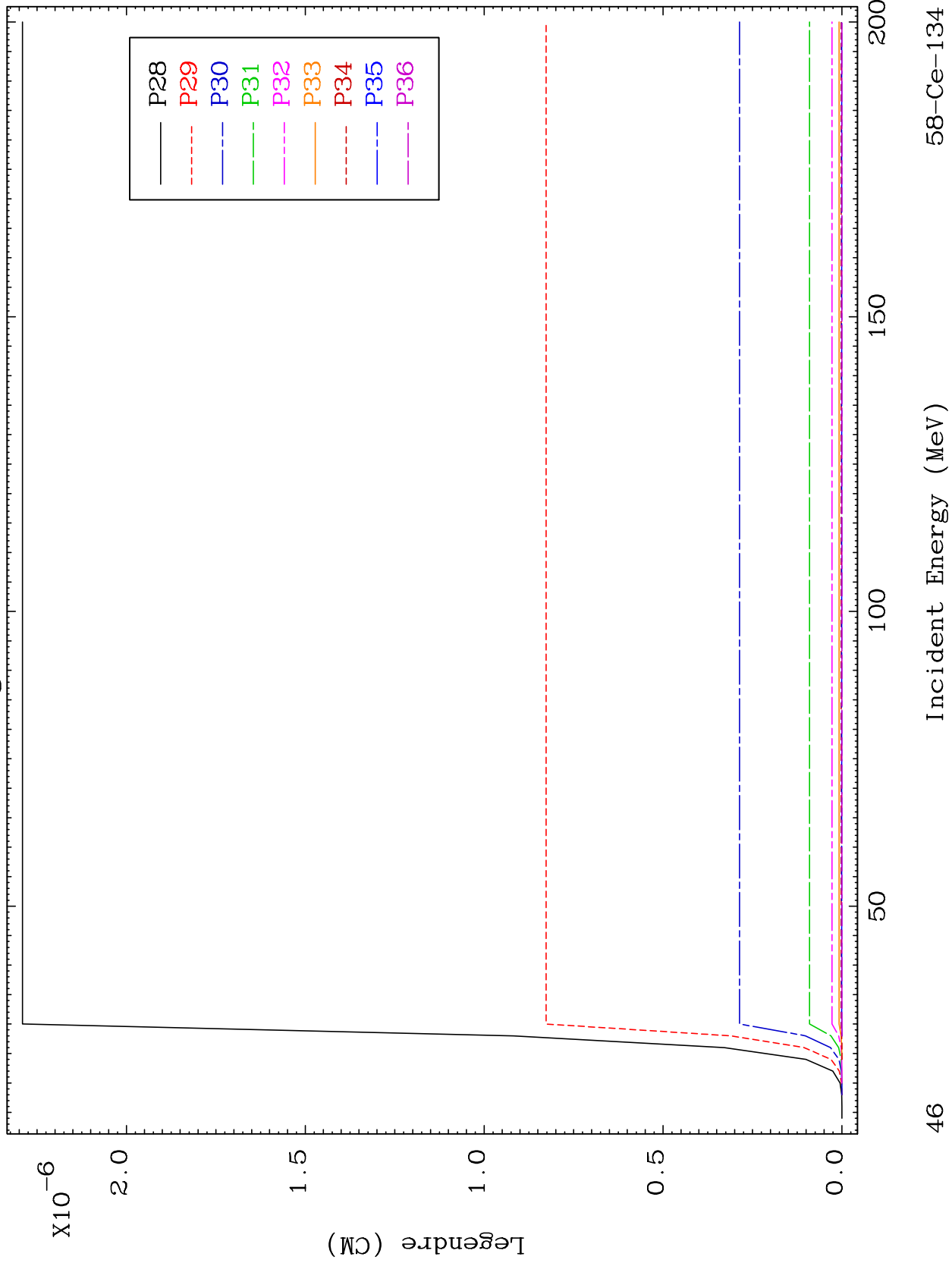
58-Ce-134



MAT 5819

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

58-Ce-134



46

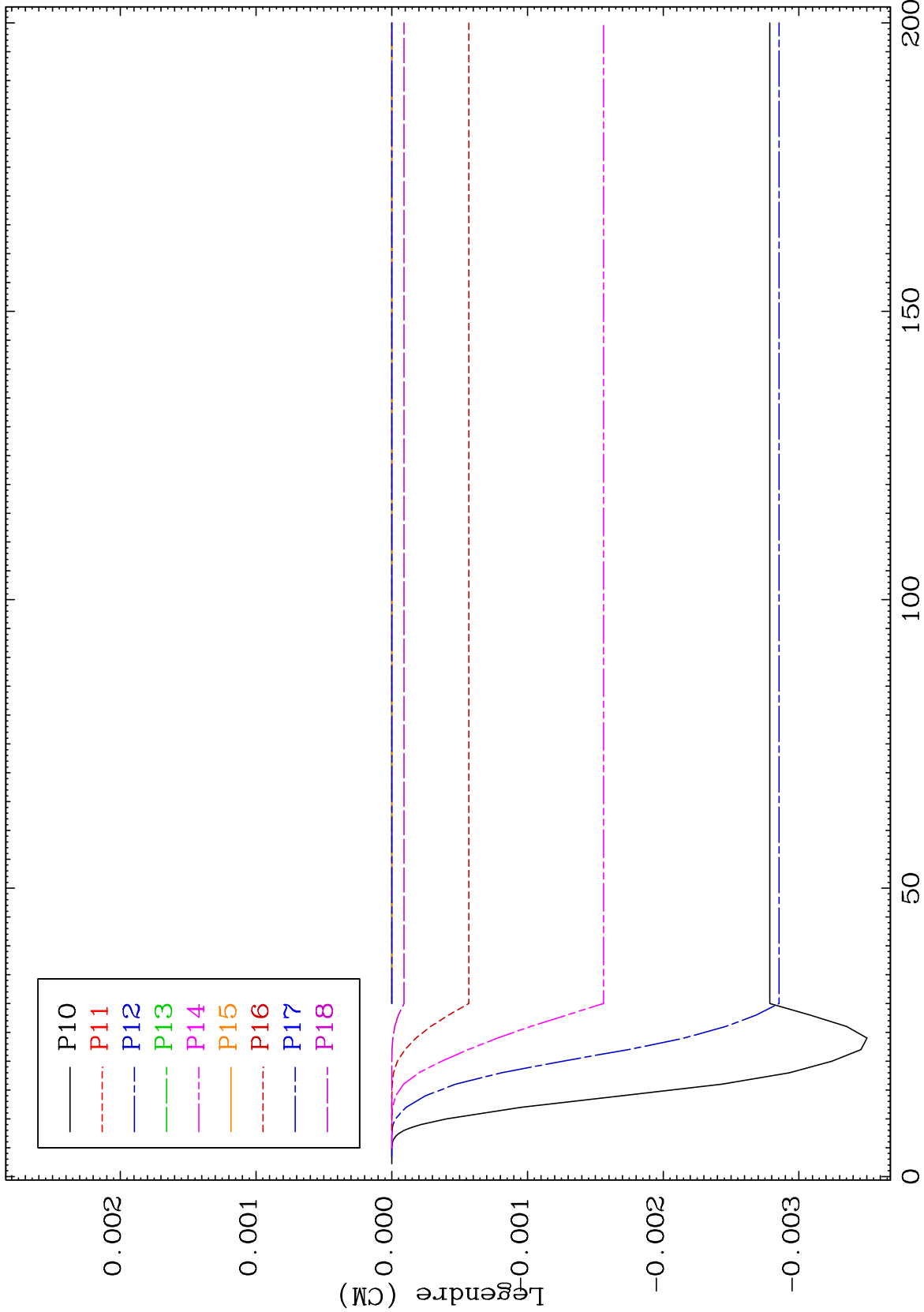
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

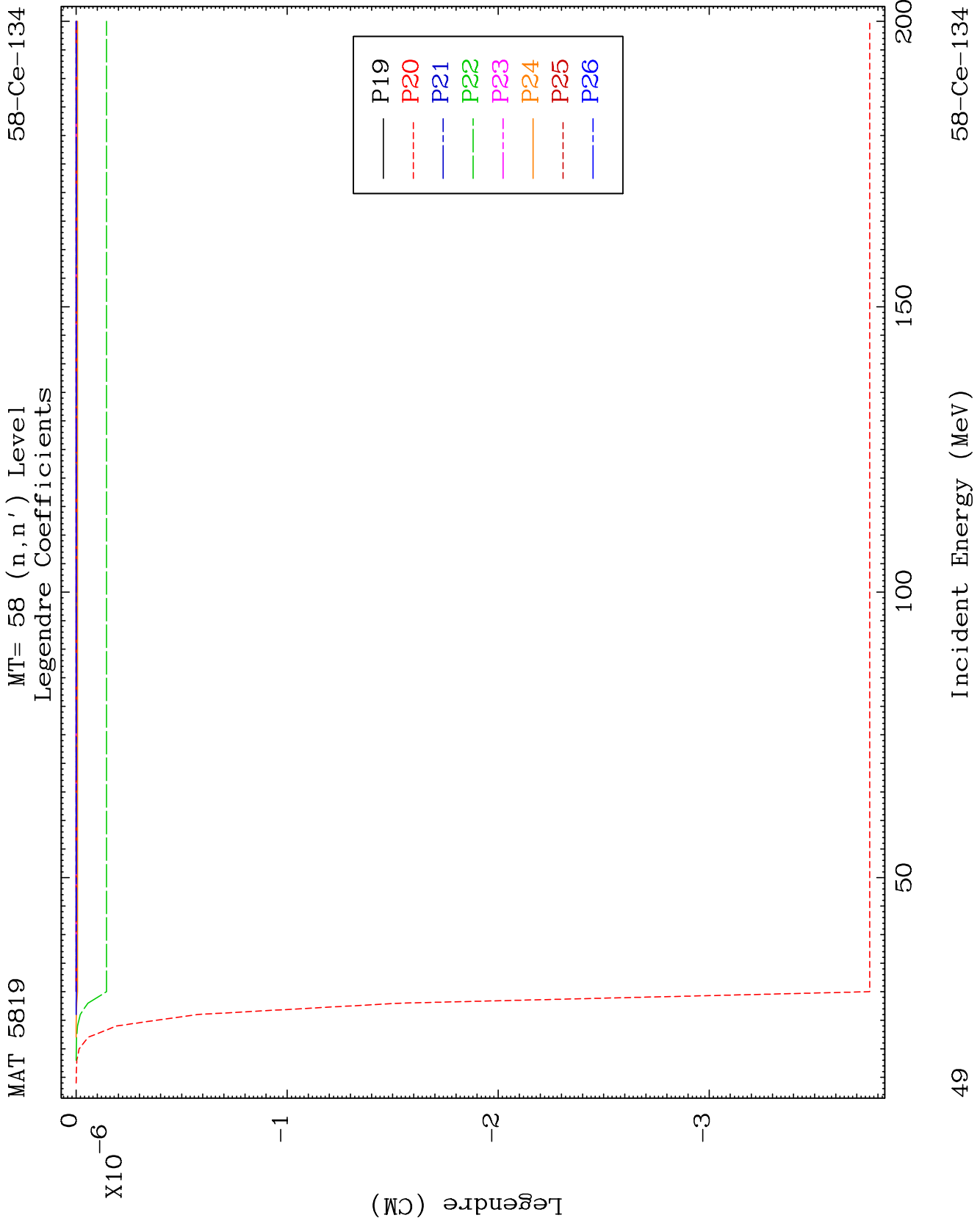
58-Ce-134



48

Incident Energy (MeV)

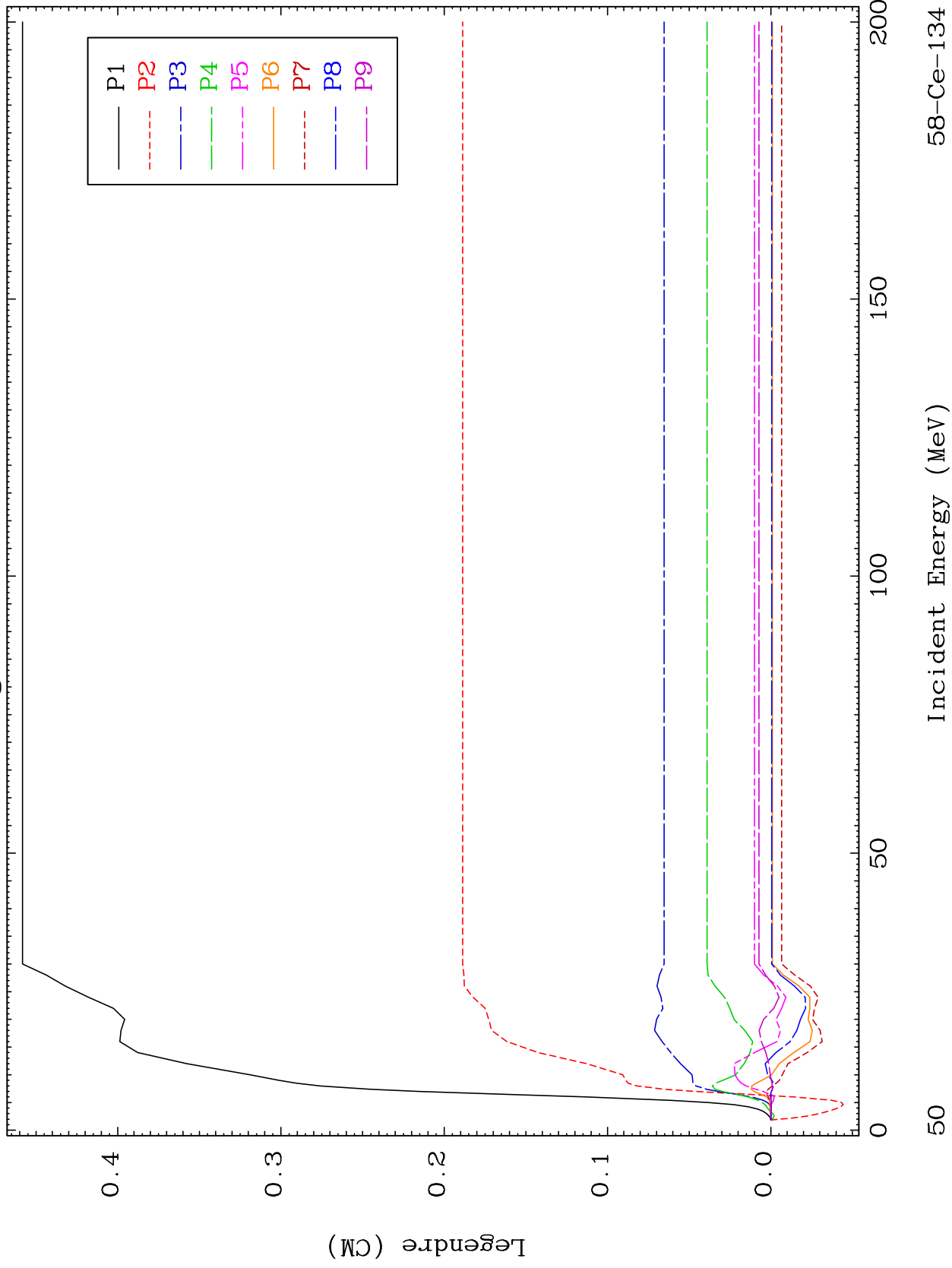
58-Ce-134



MAT 5819

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

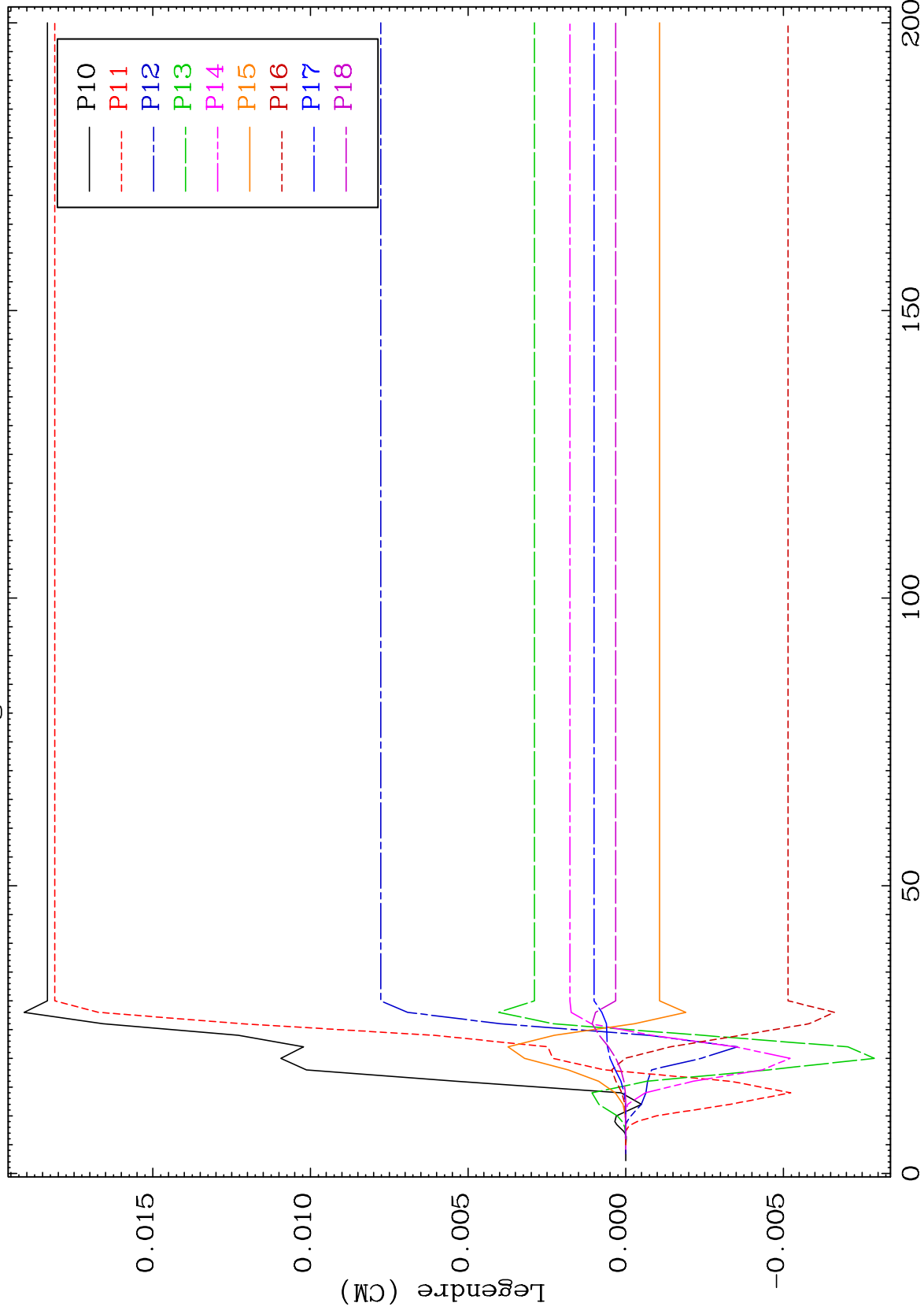
58-Ce-134



MAT 5819

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

58-Ce-134



51

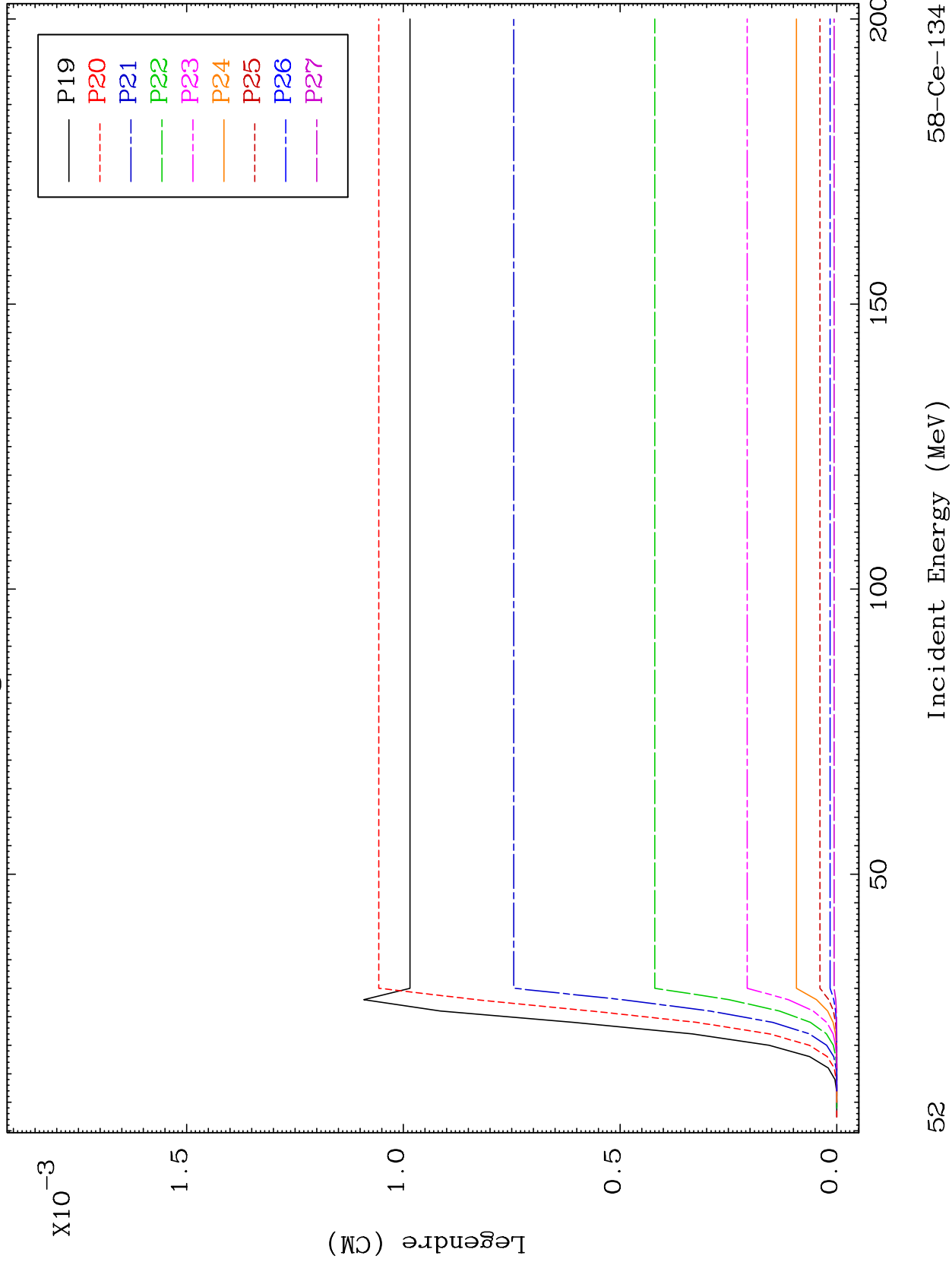
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



52

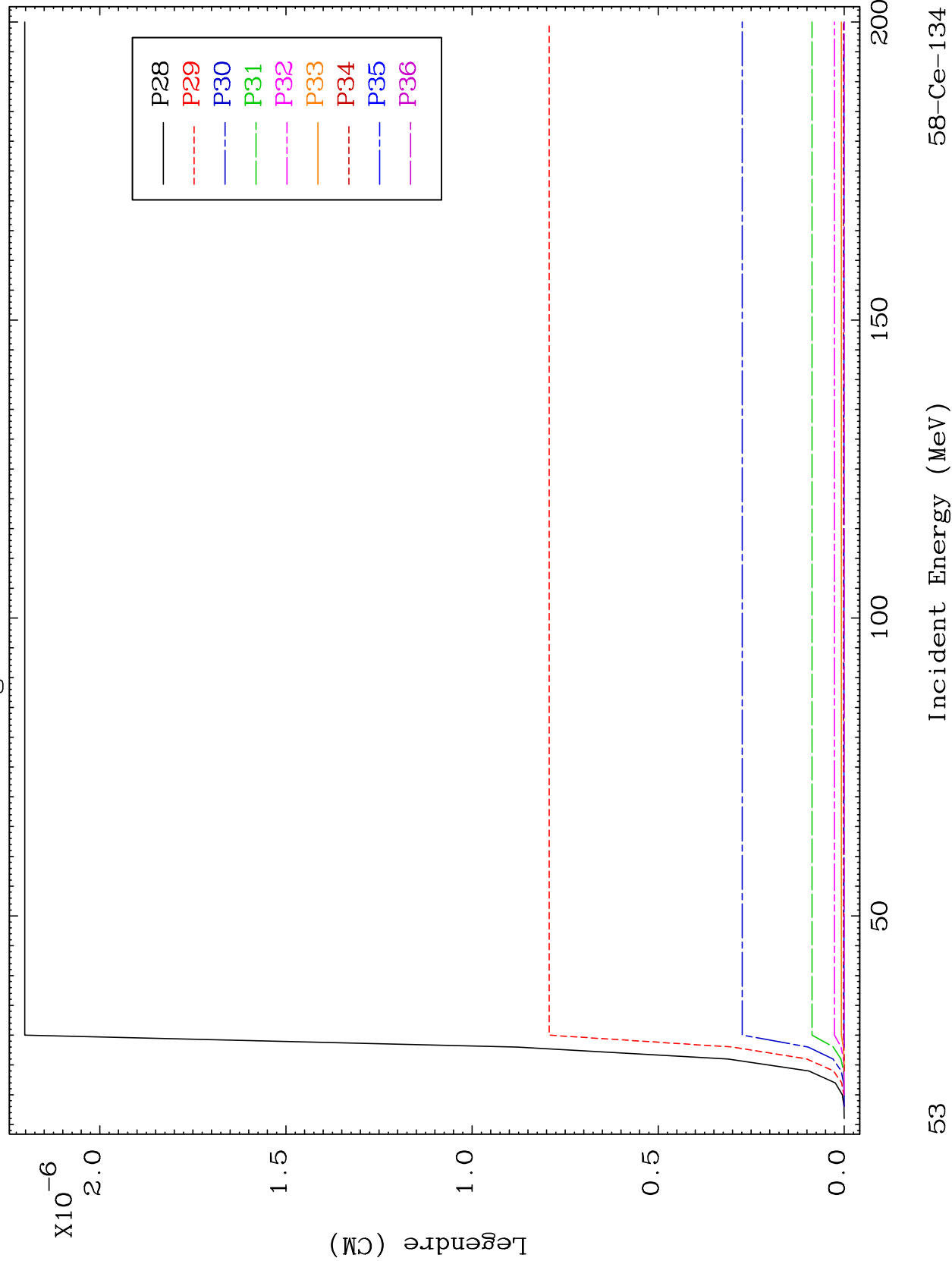
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



53

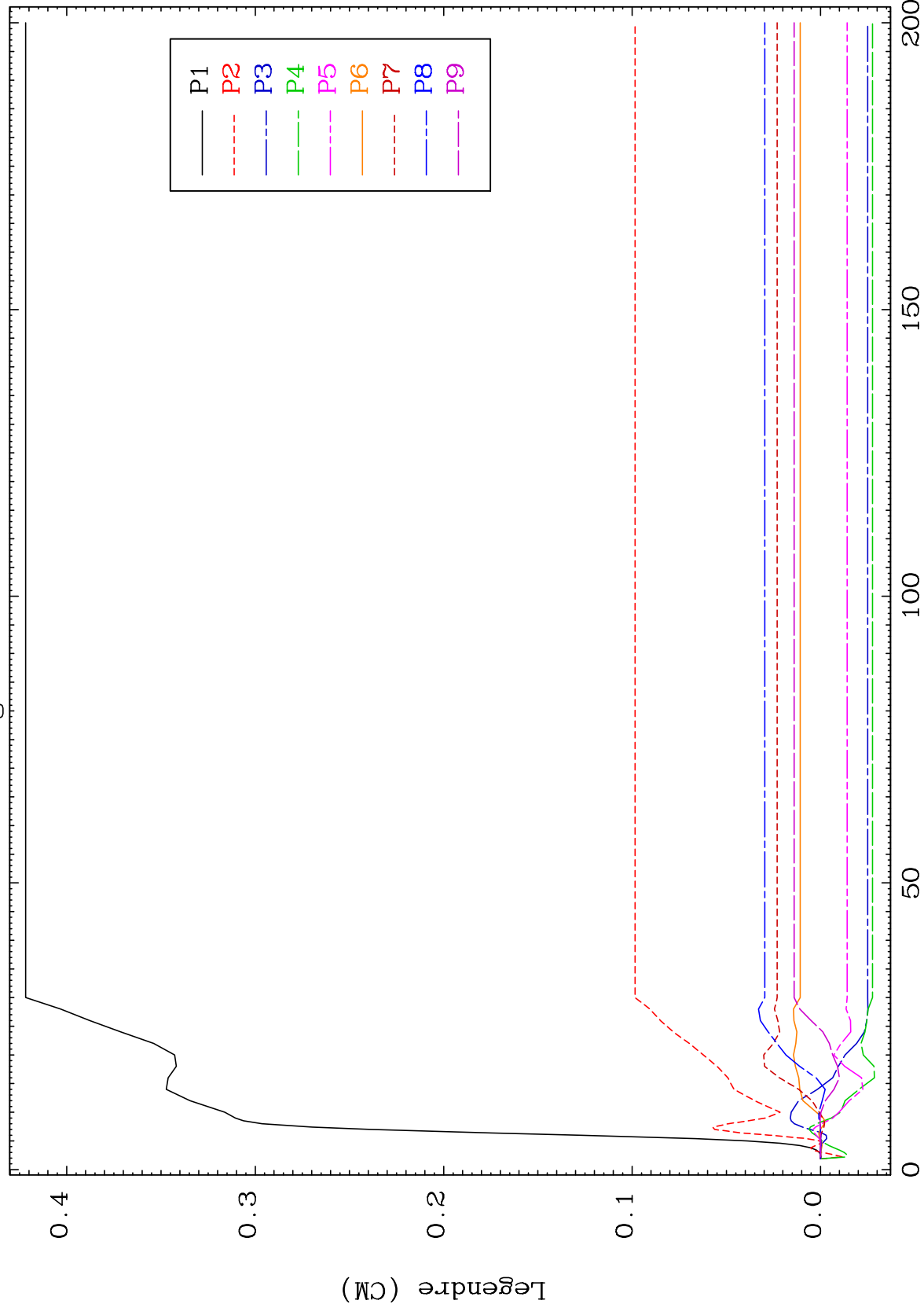
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

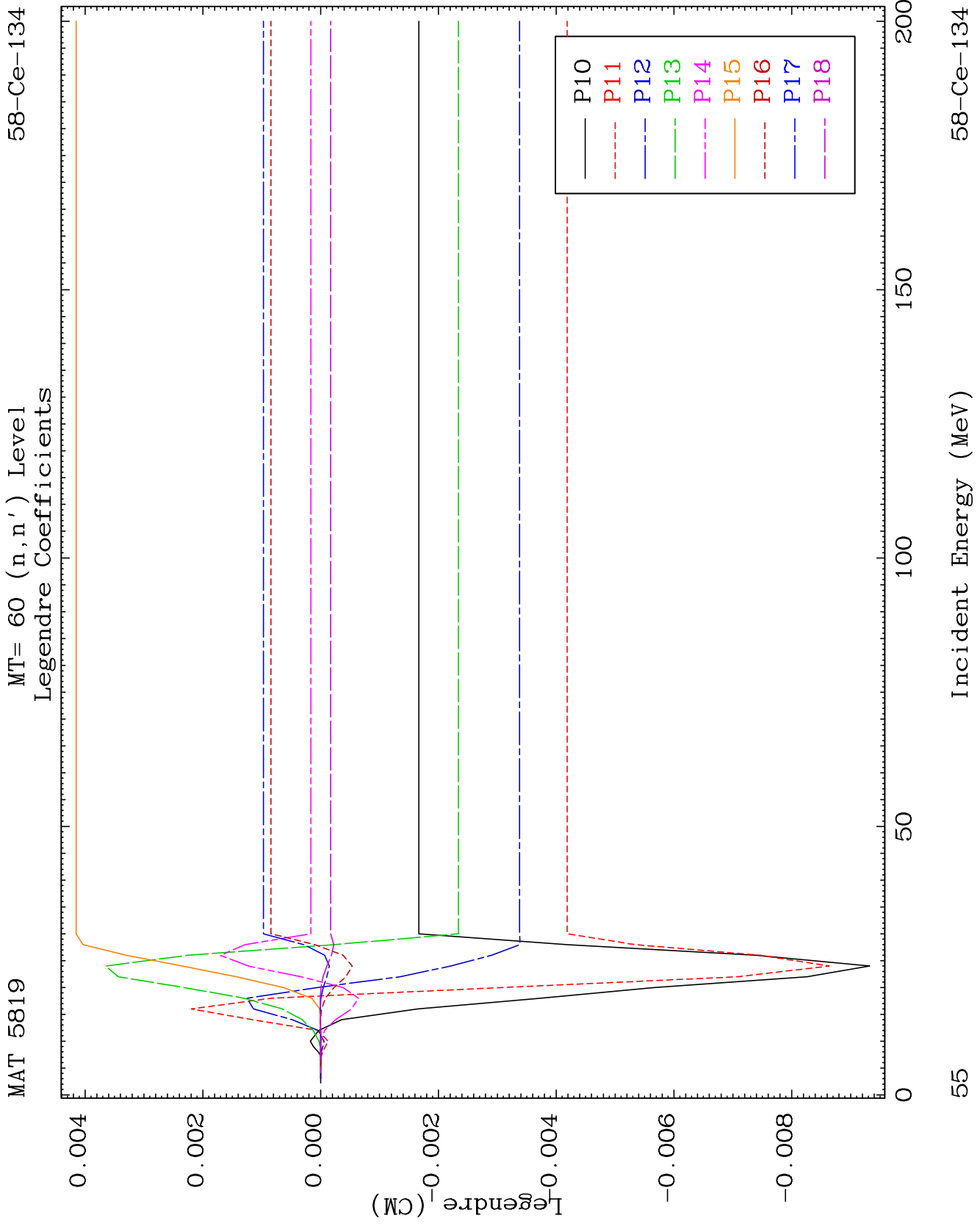
58-Ce-134



54

Incident Energy (MeV)

58-Ce-134

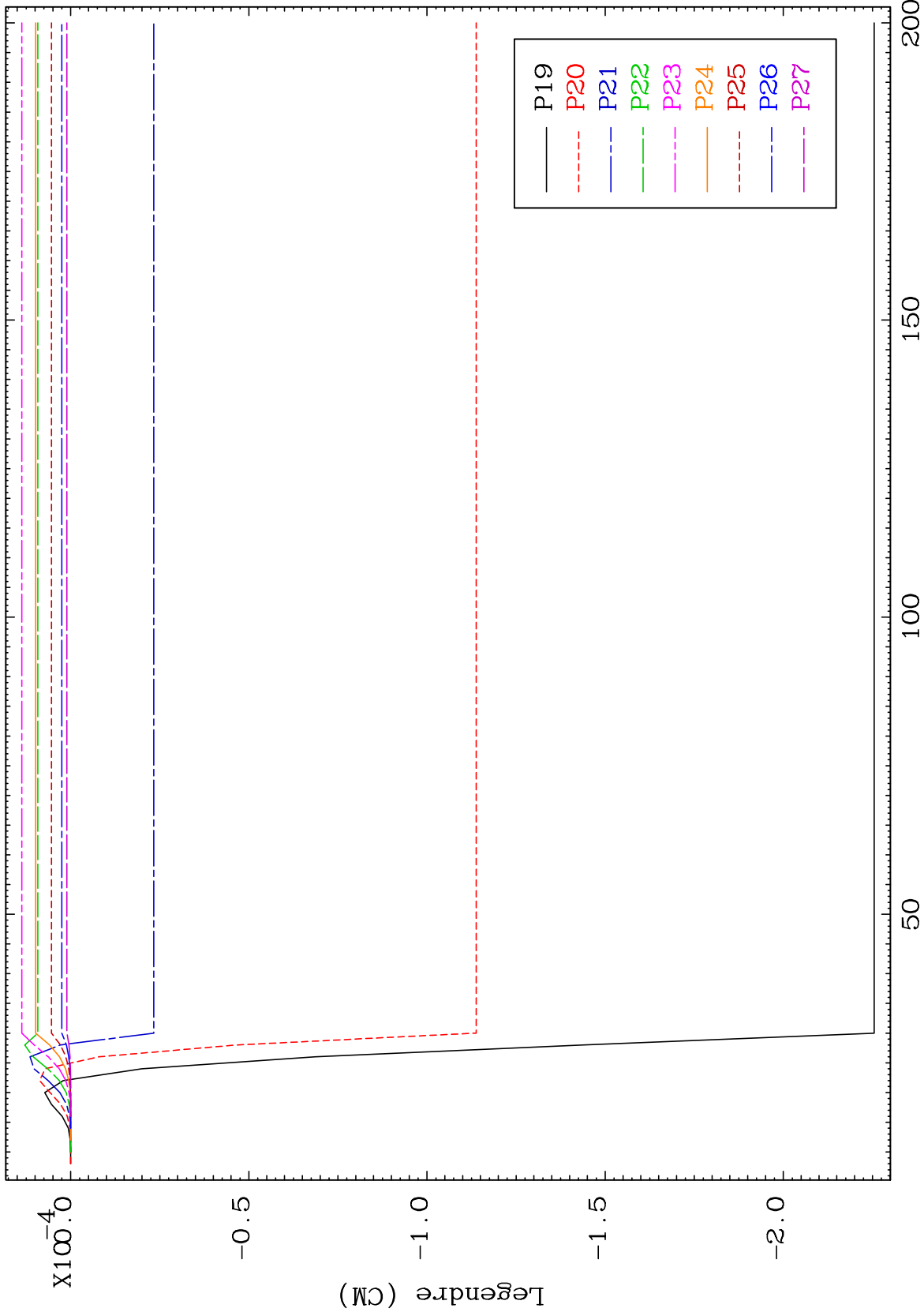


MAT 5819

MT= 60 (n,n') Level

58-Ce-134

Legendre Coefficients



56

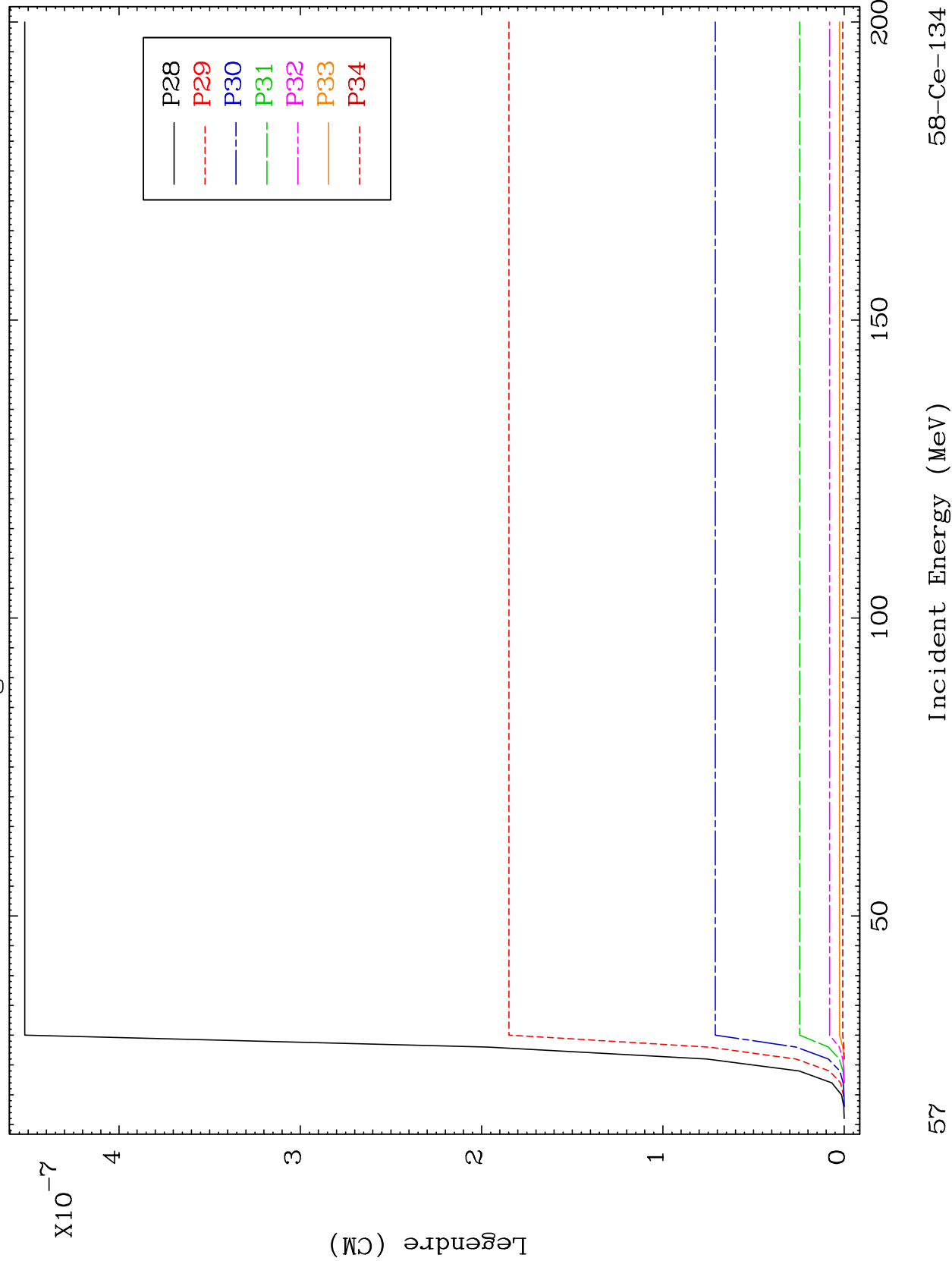
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

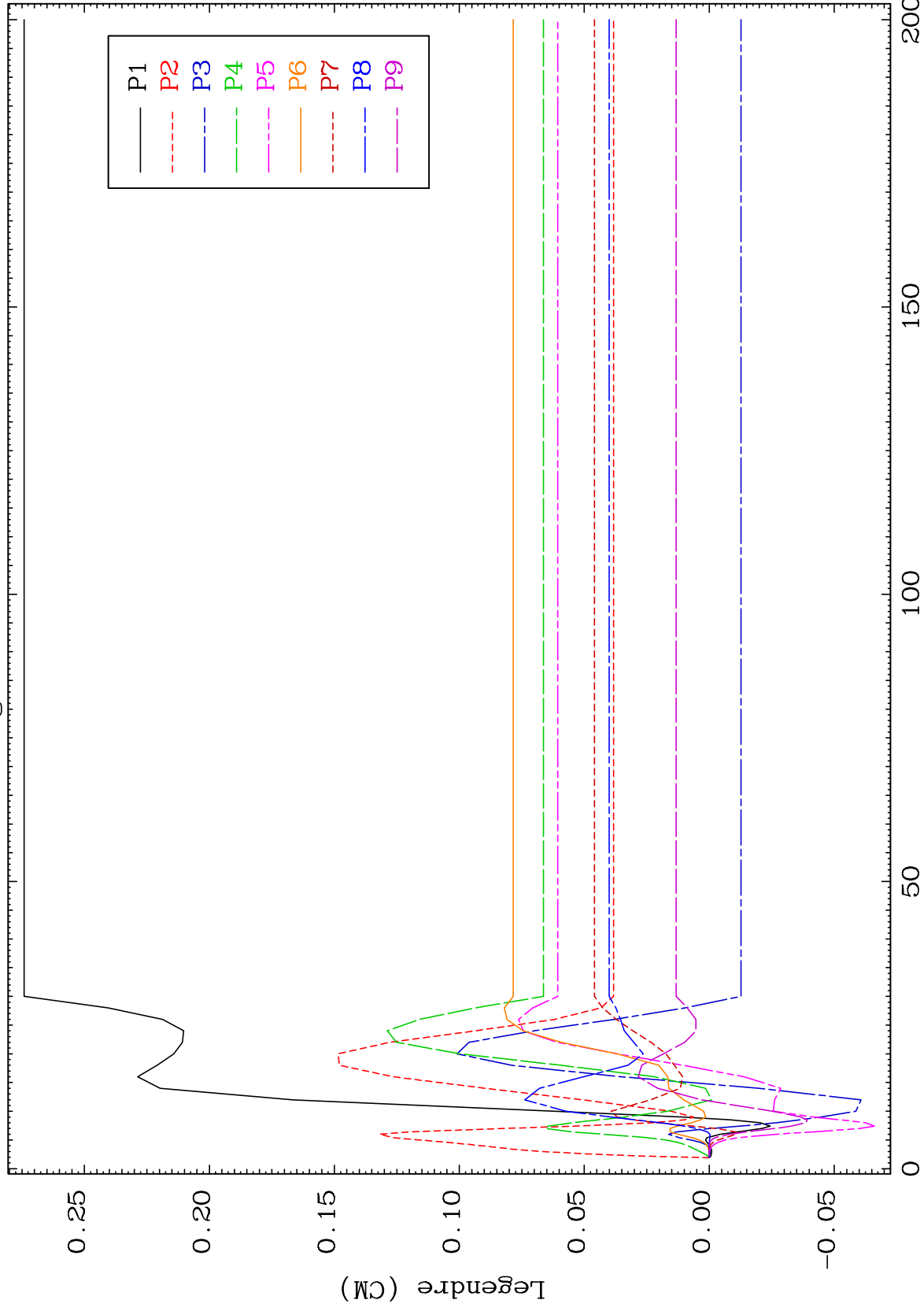
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

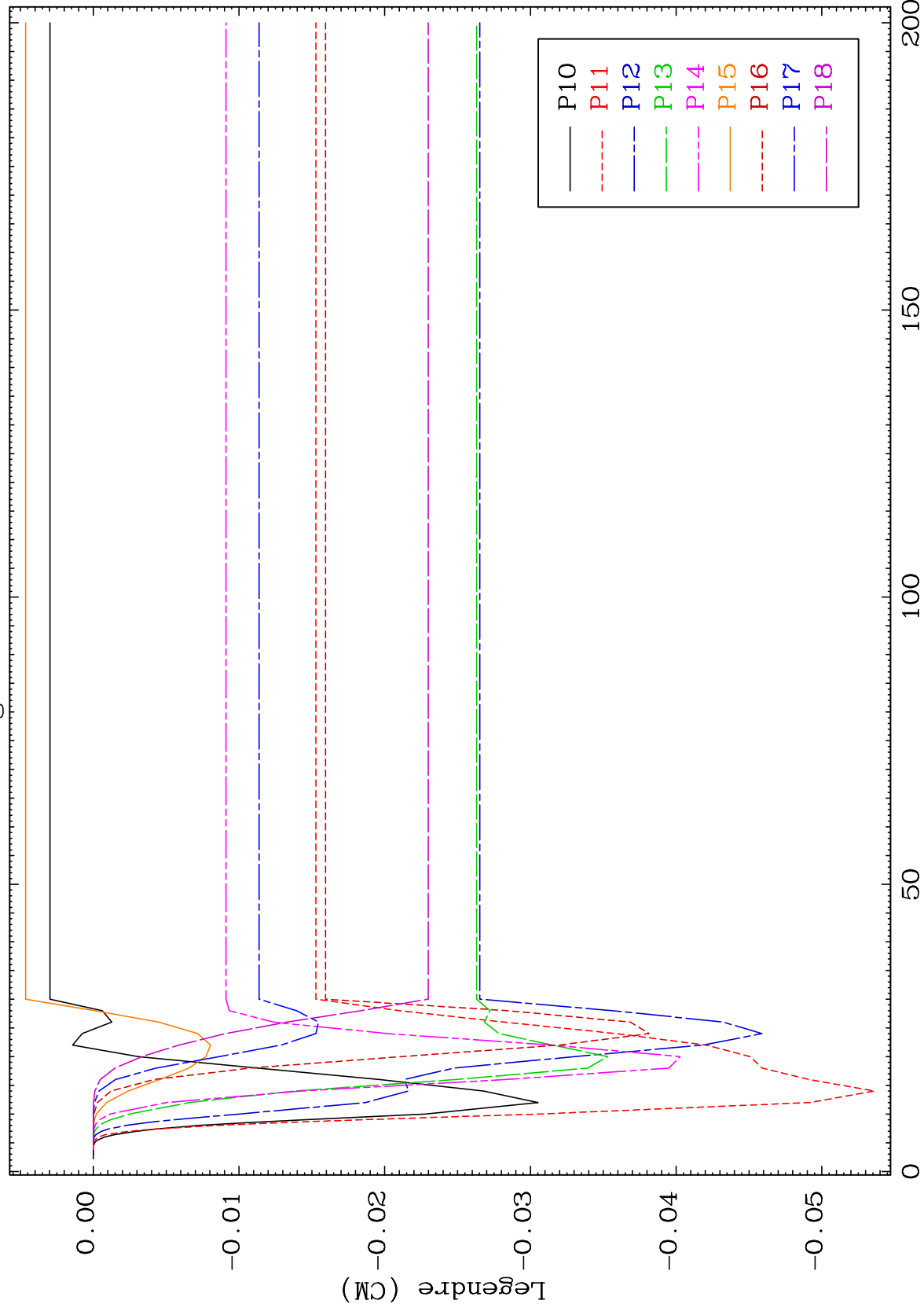
Incident Energy (MeV)

58

MAT 5819

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

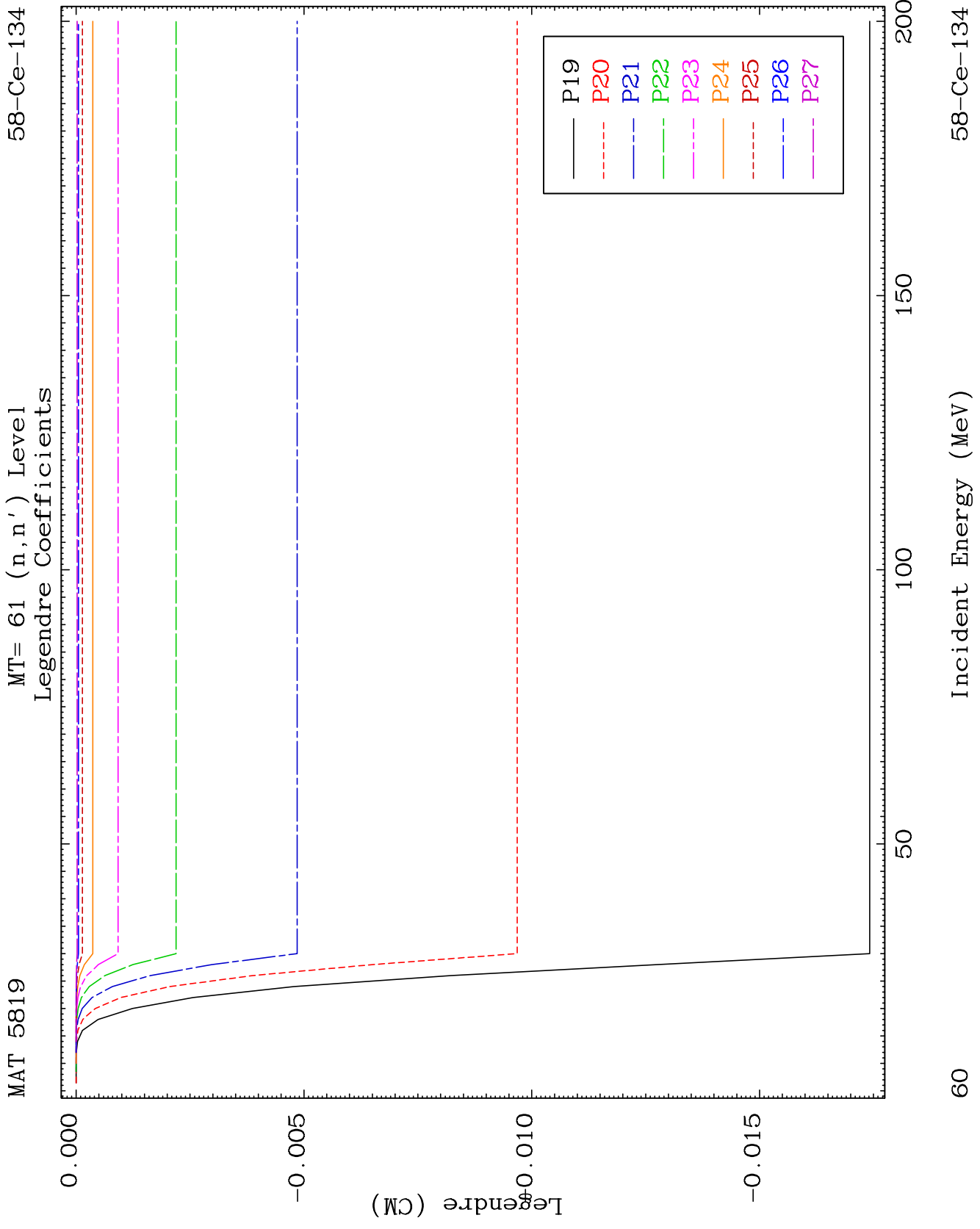
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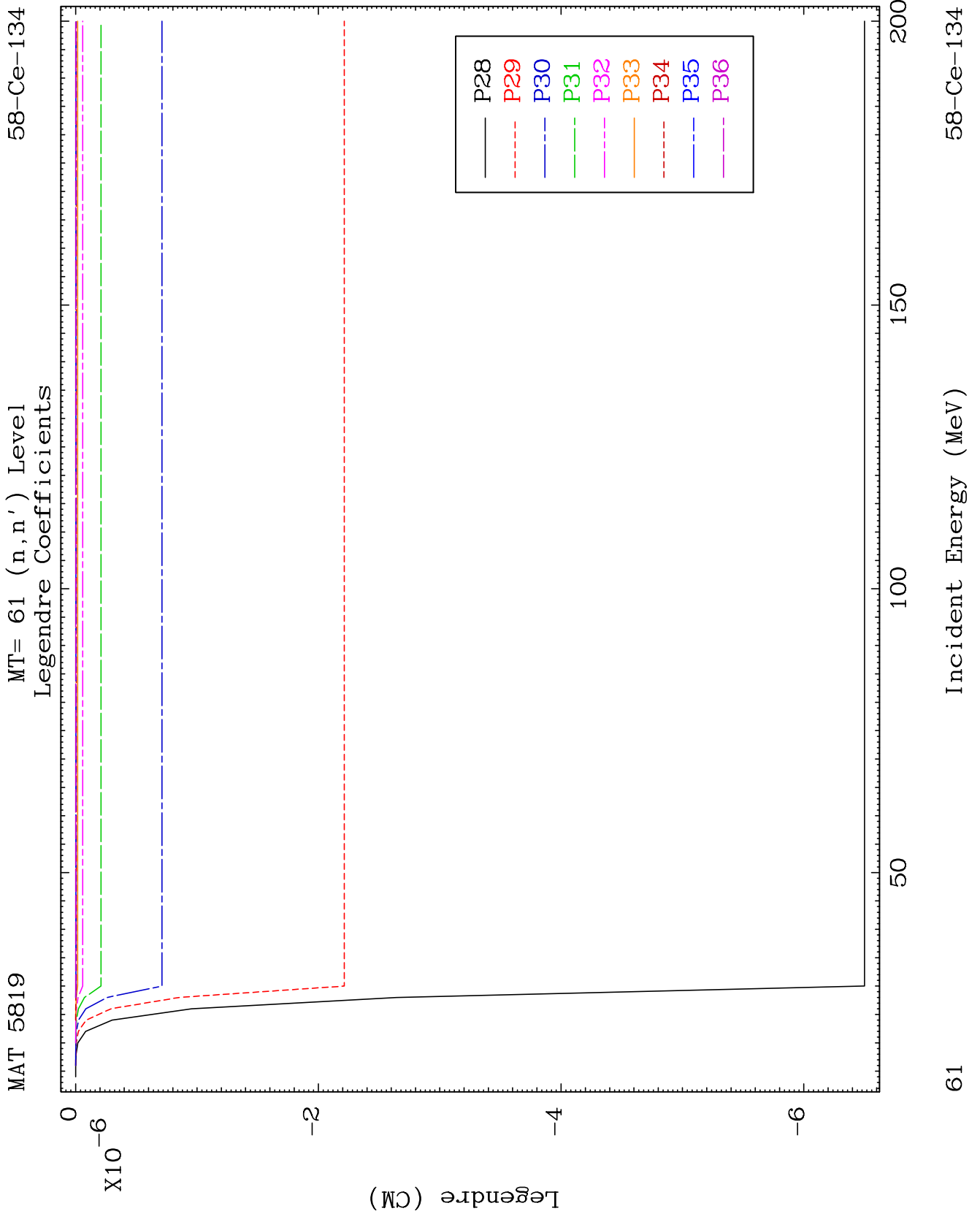


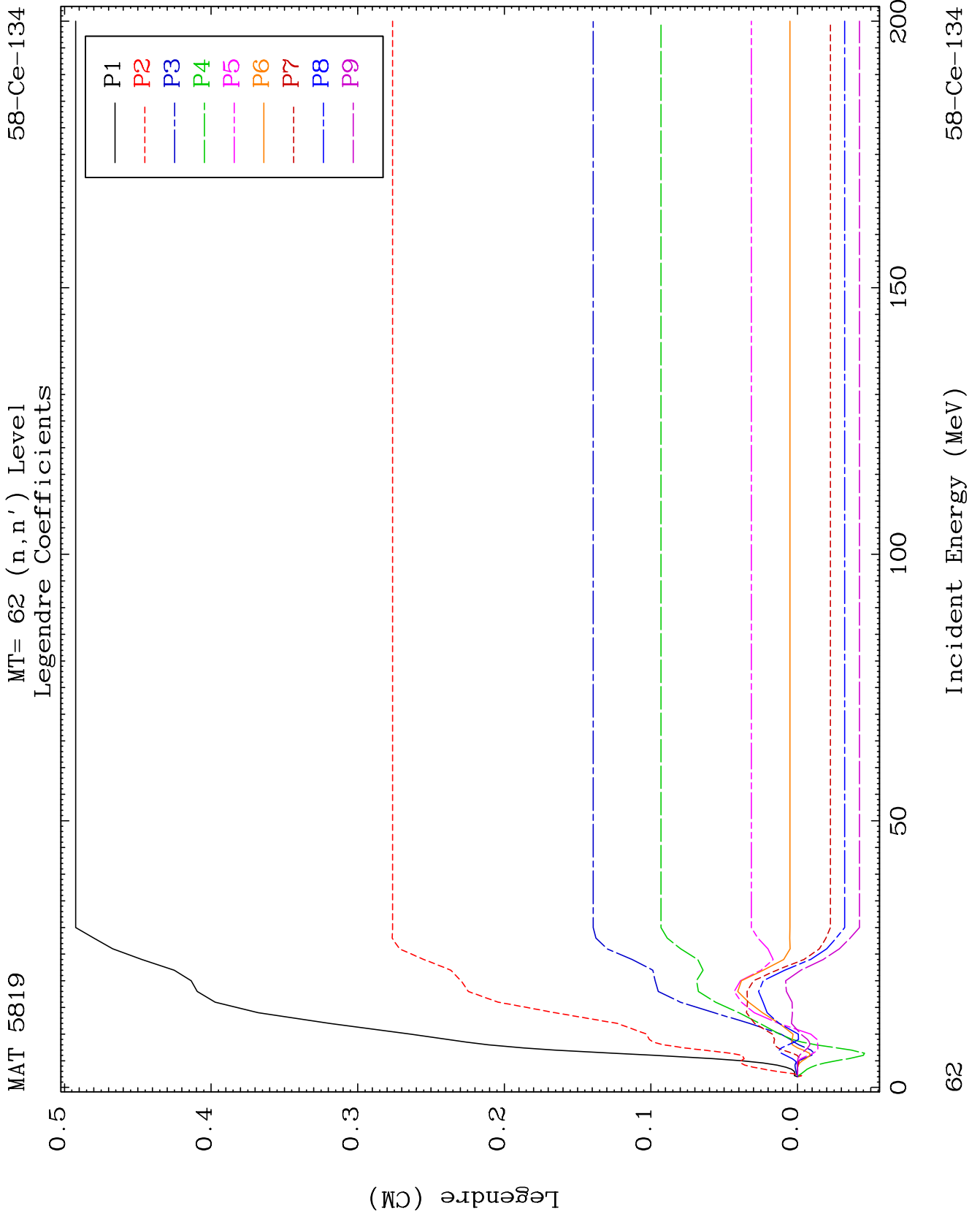
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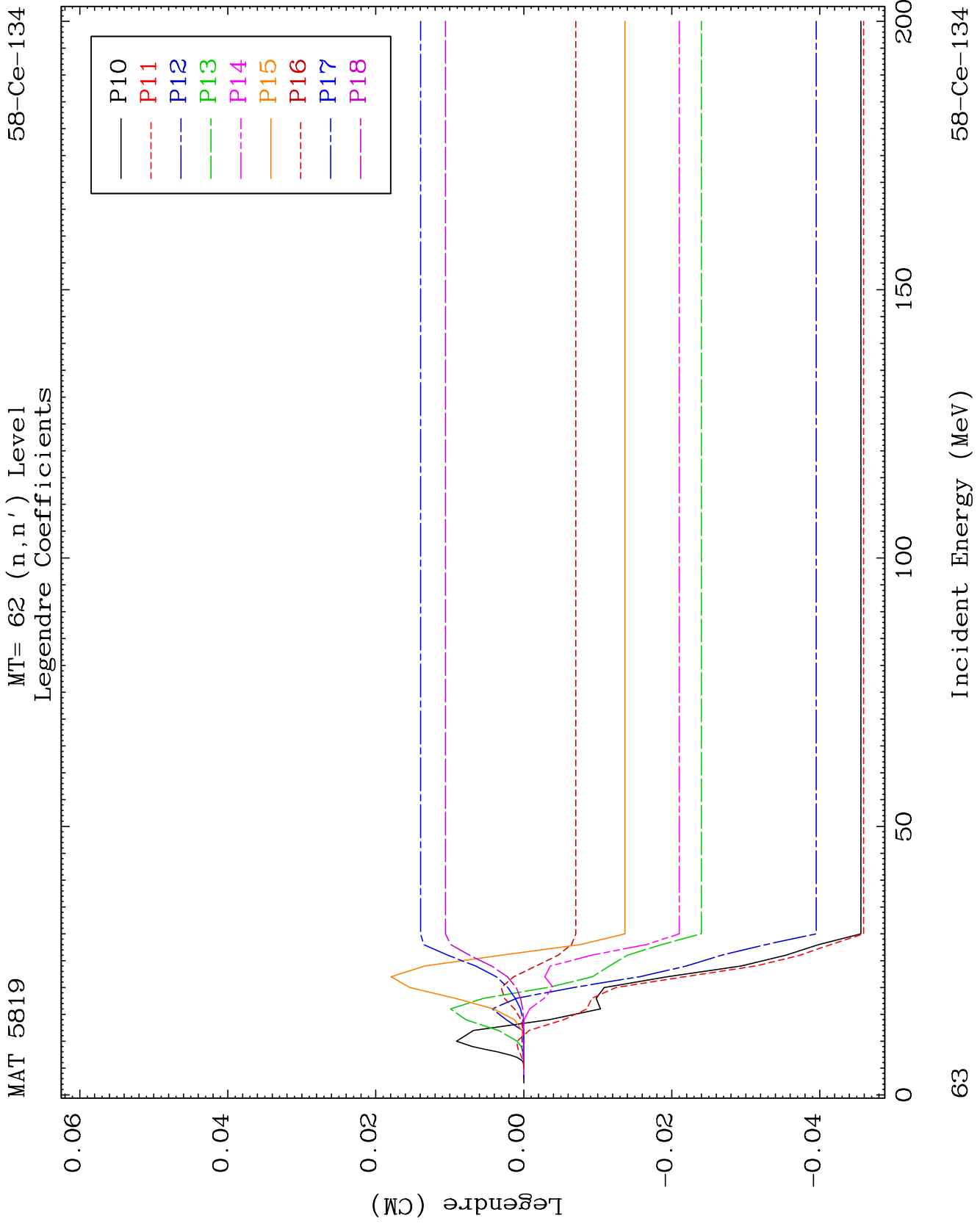
Incident Energy (MeV)

58-Ce-134





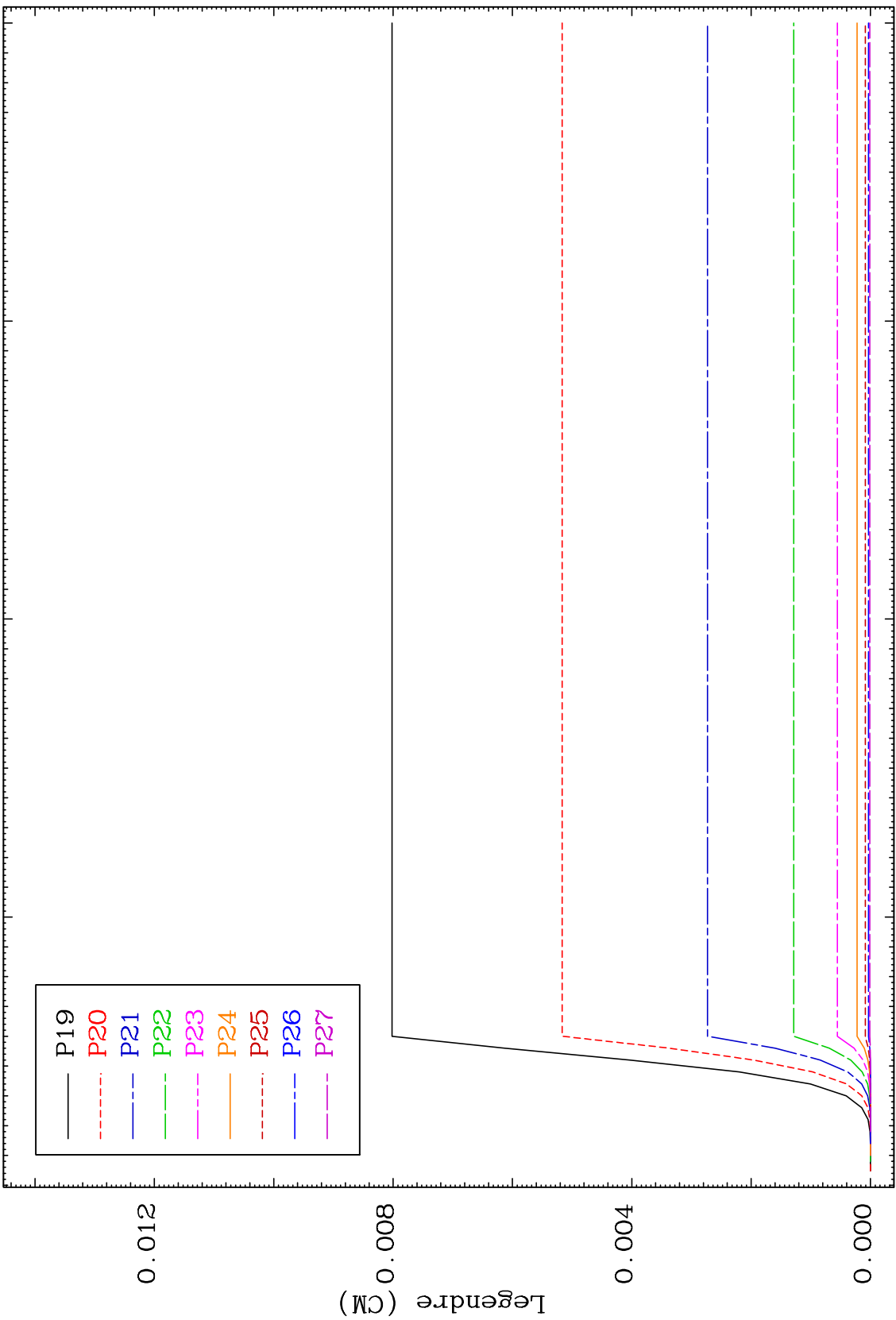




MAT 5819

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

58-Ce-134



64

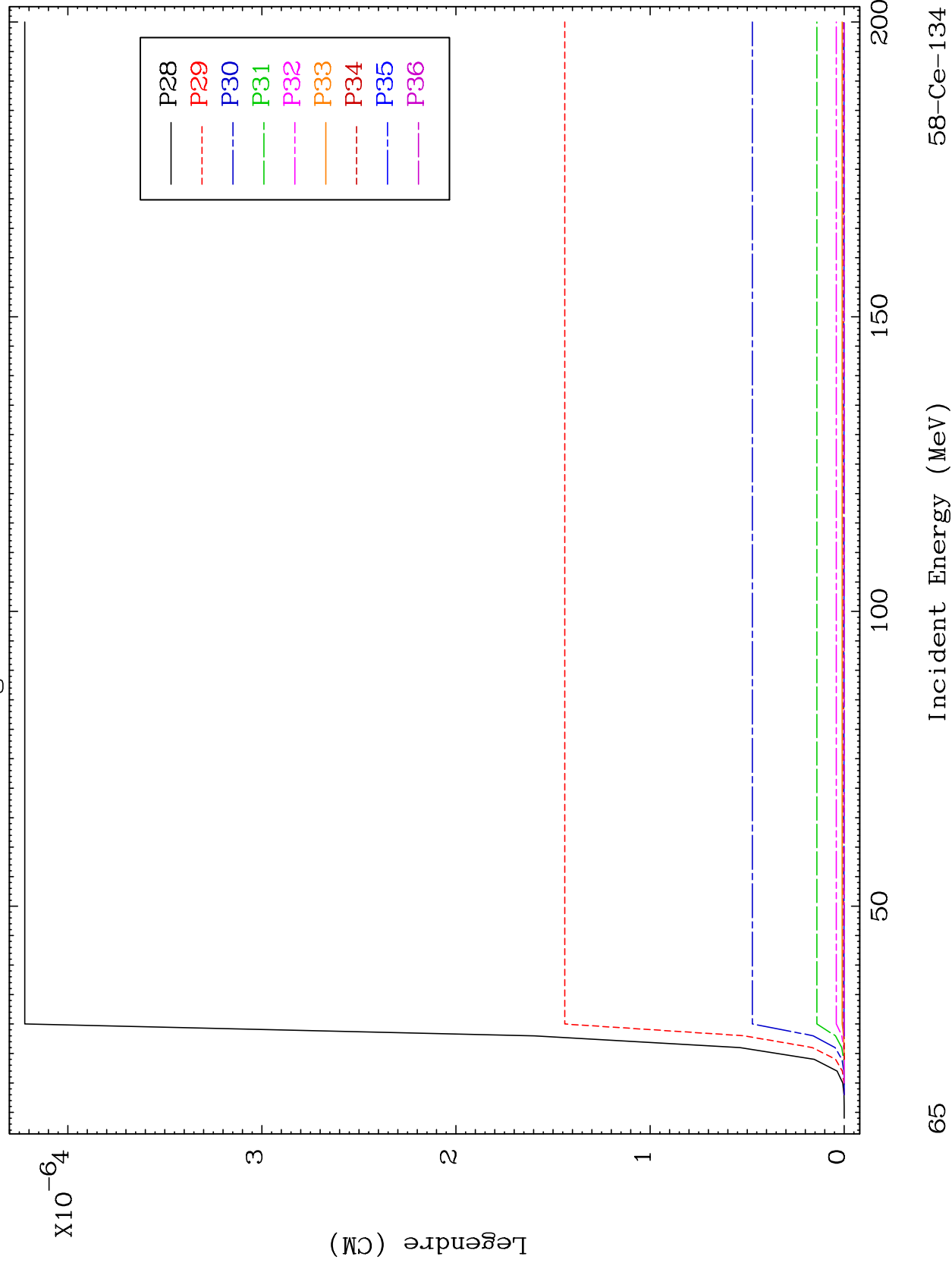
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

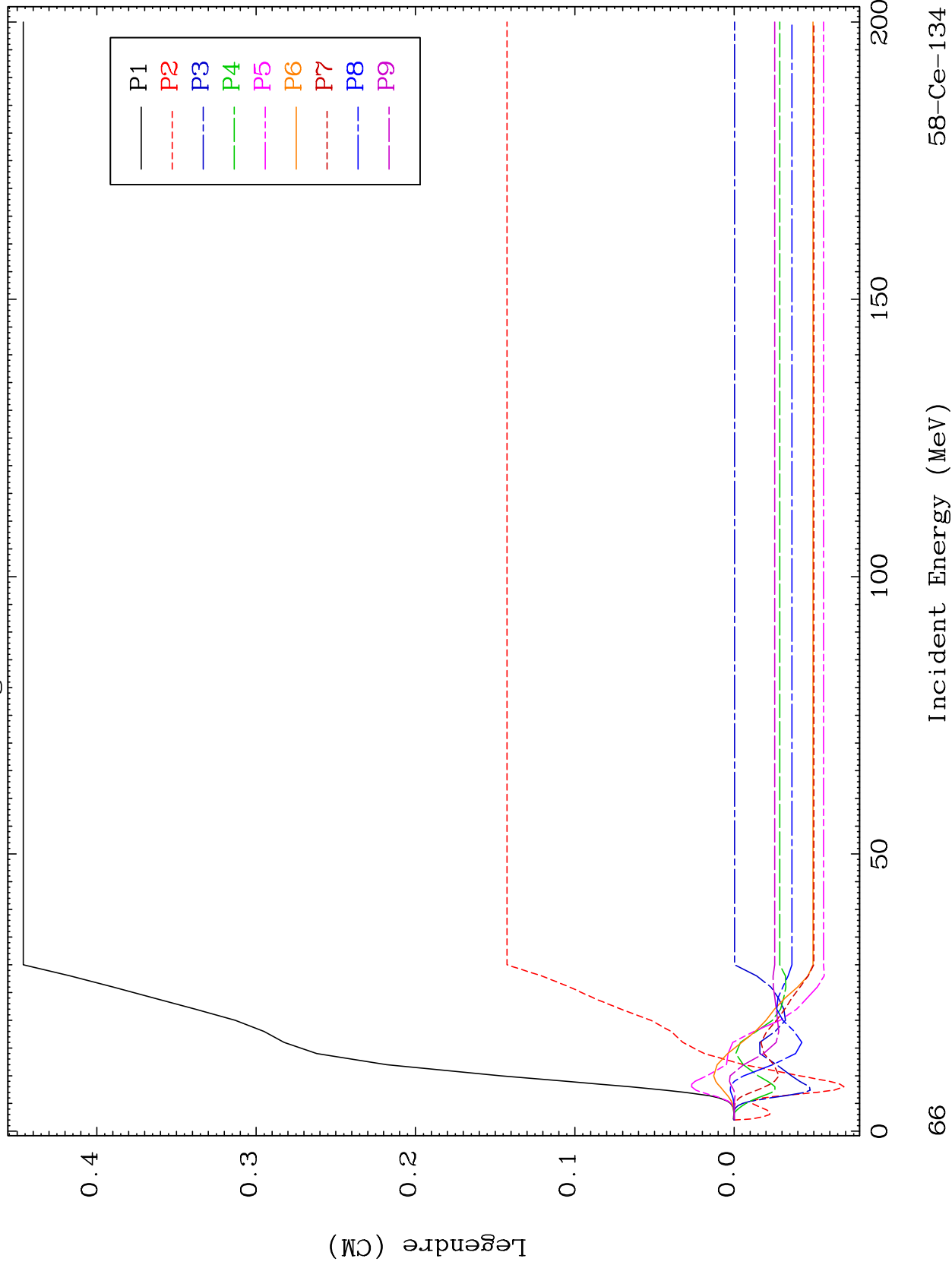
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

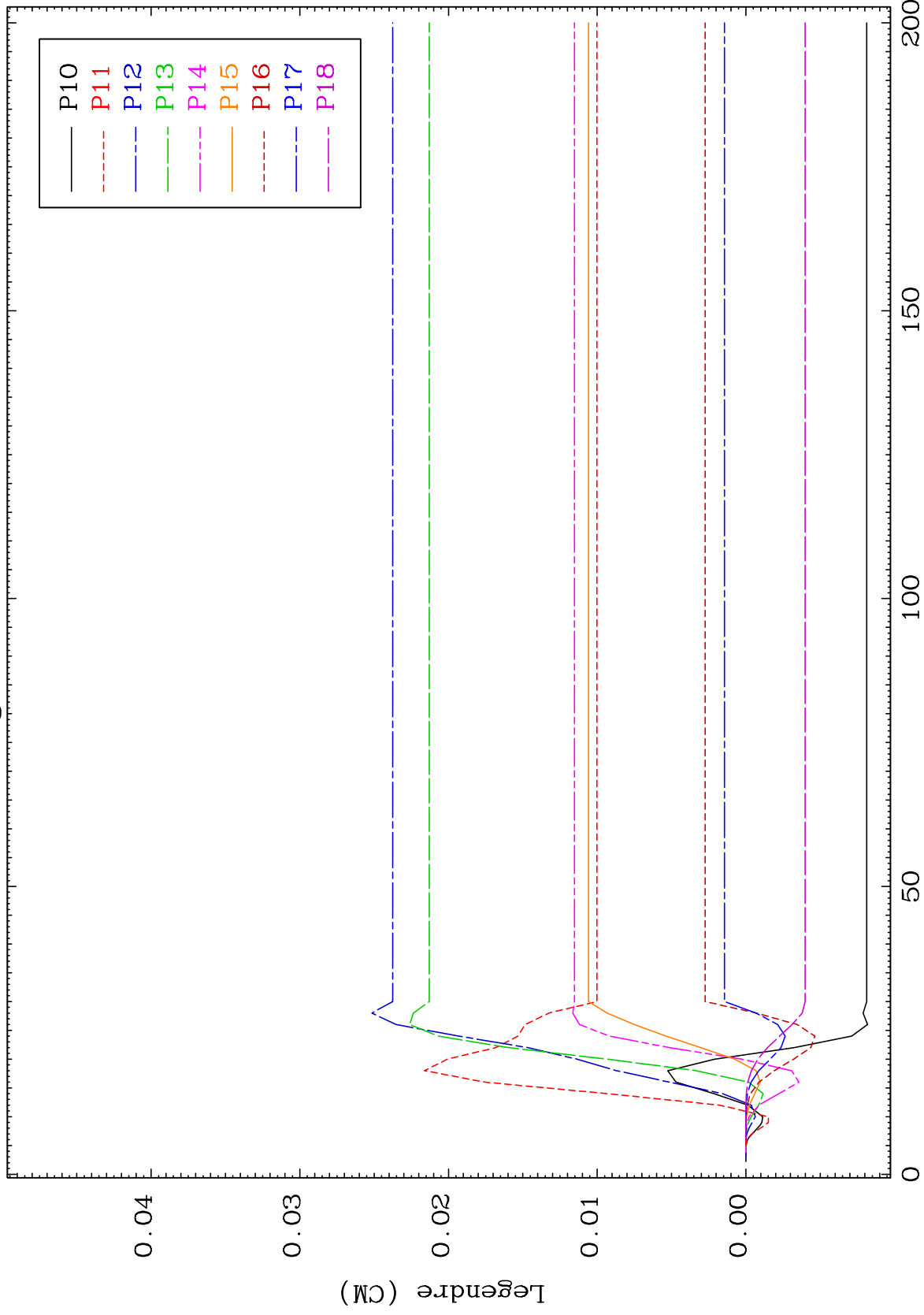
Incident Energy (MeV)

66

MAT 5819

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

58-Ce-134



67

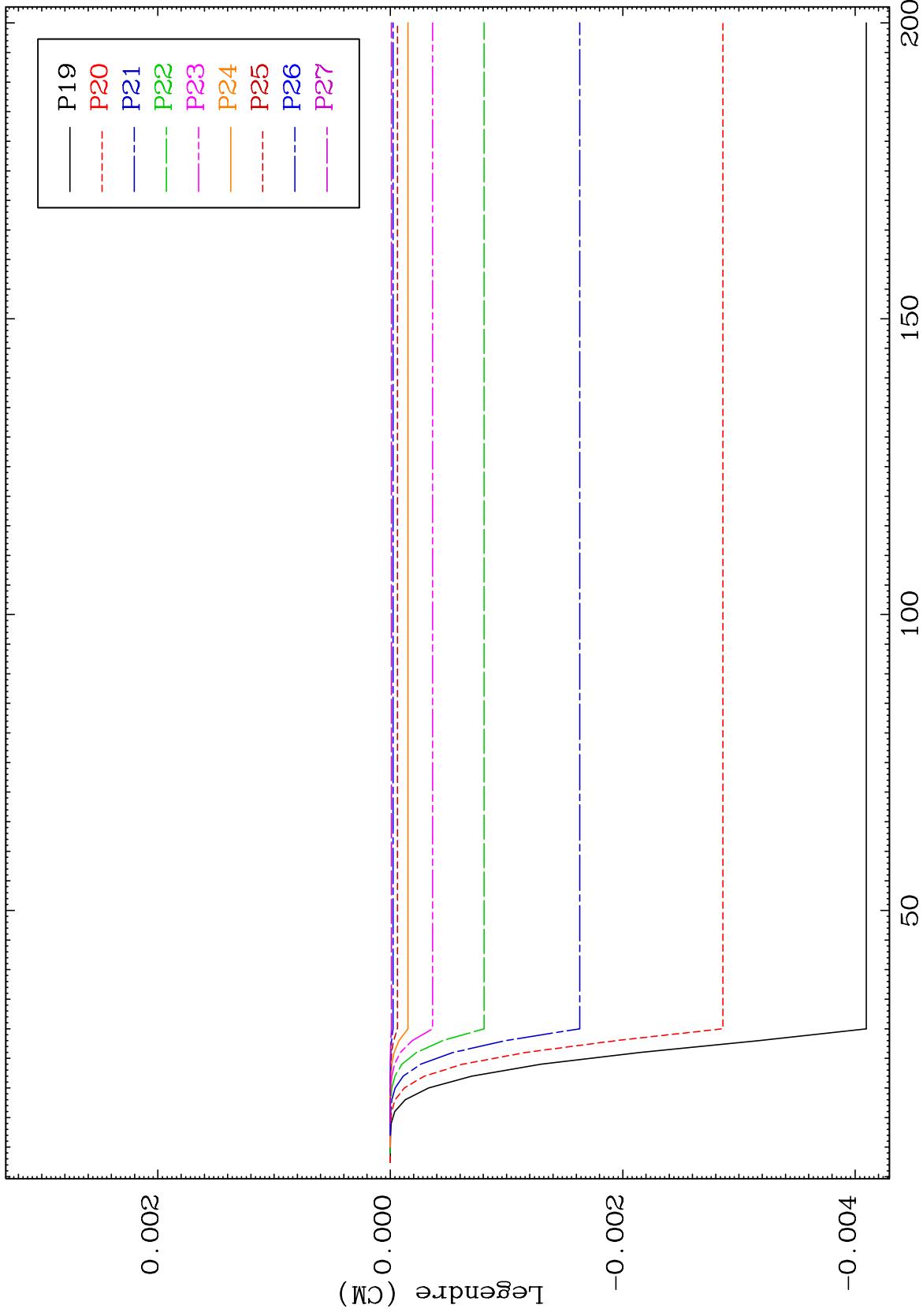
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

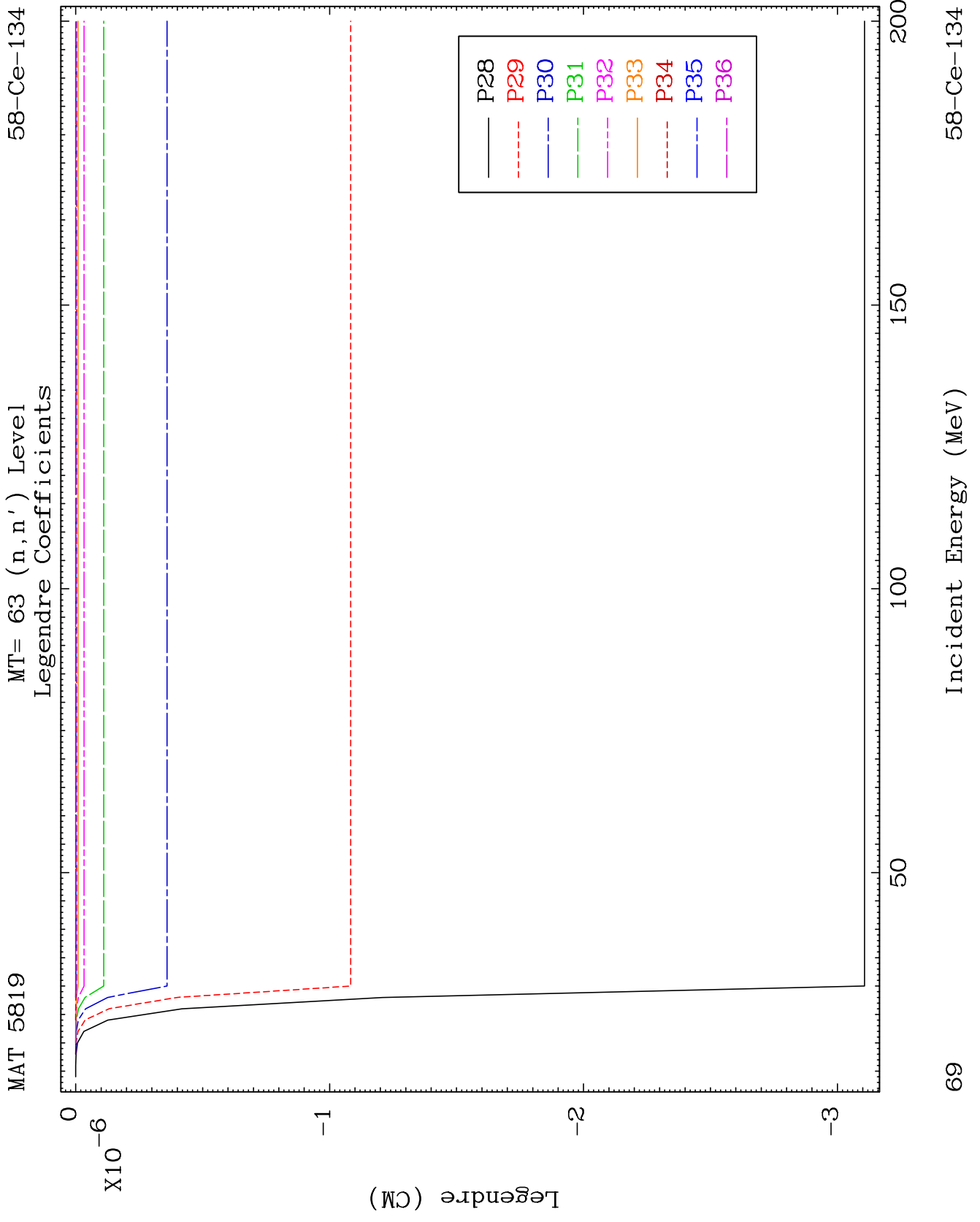
58-Ce-134



68

Incident Energy (MeV)

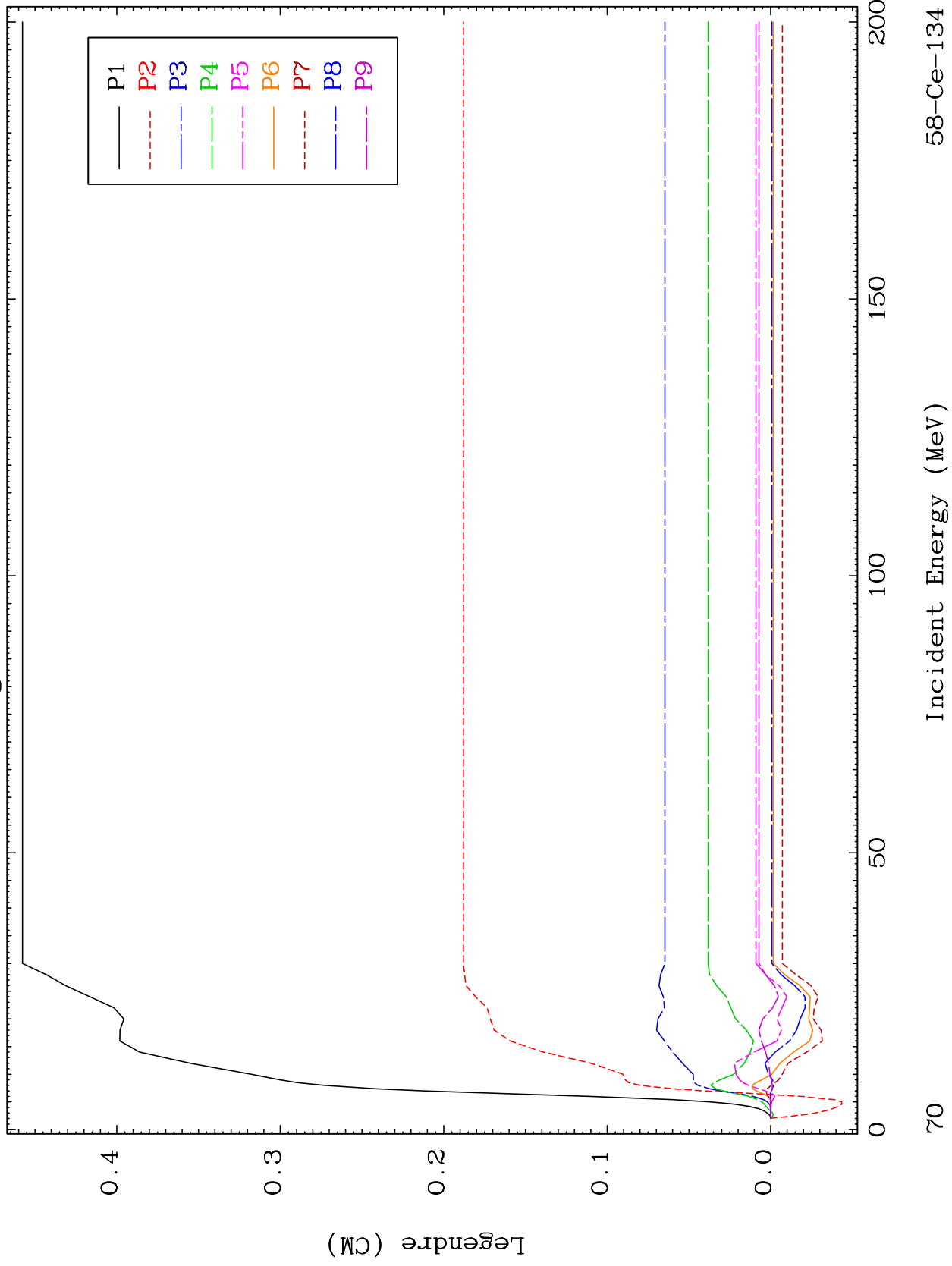
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

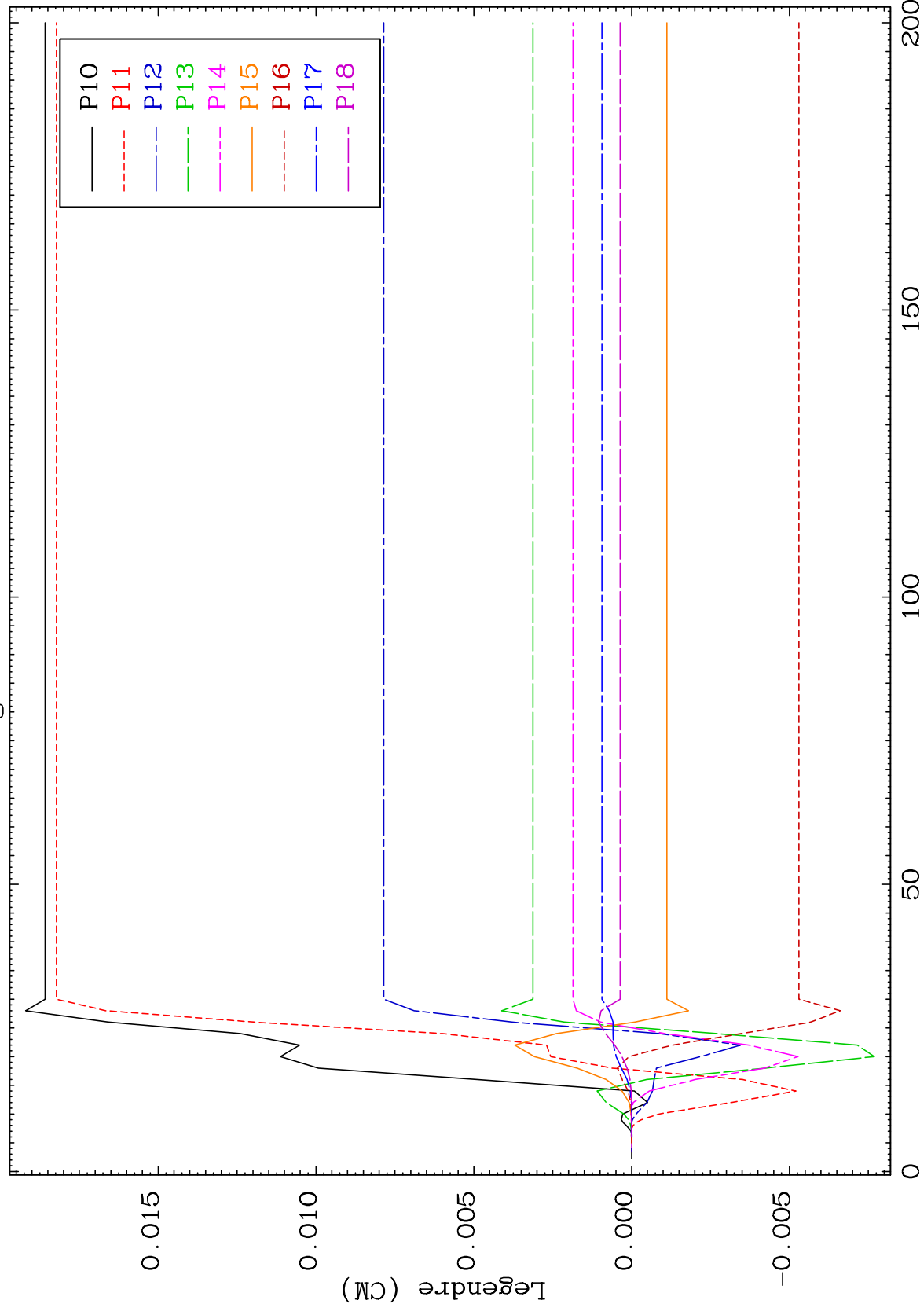
Incident Energy (MeV)

70

MAT 5819

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

58-Ce-134



71

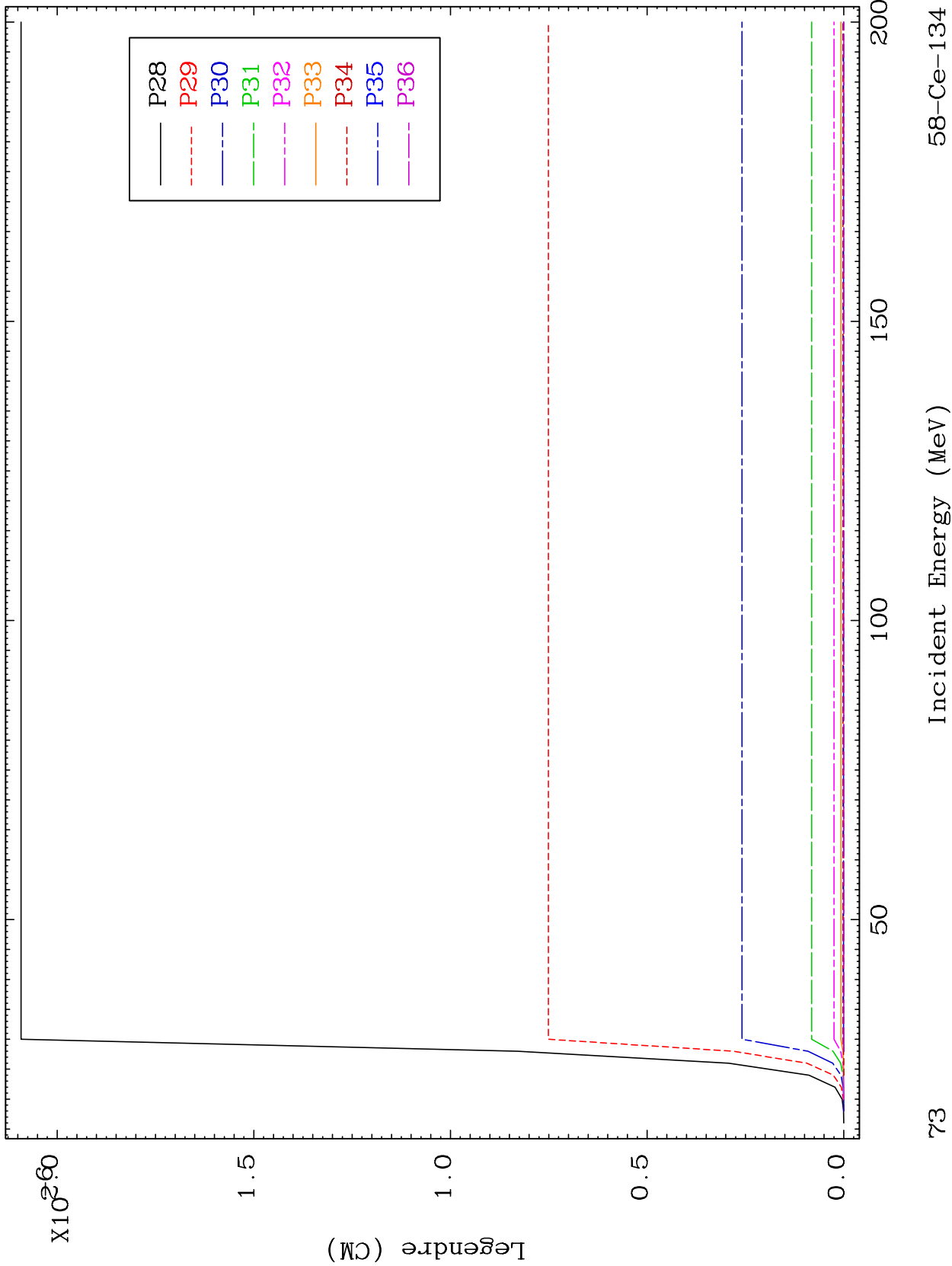
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

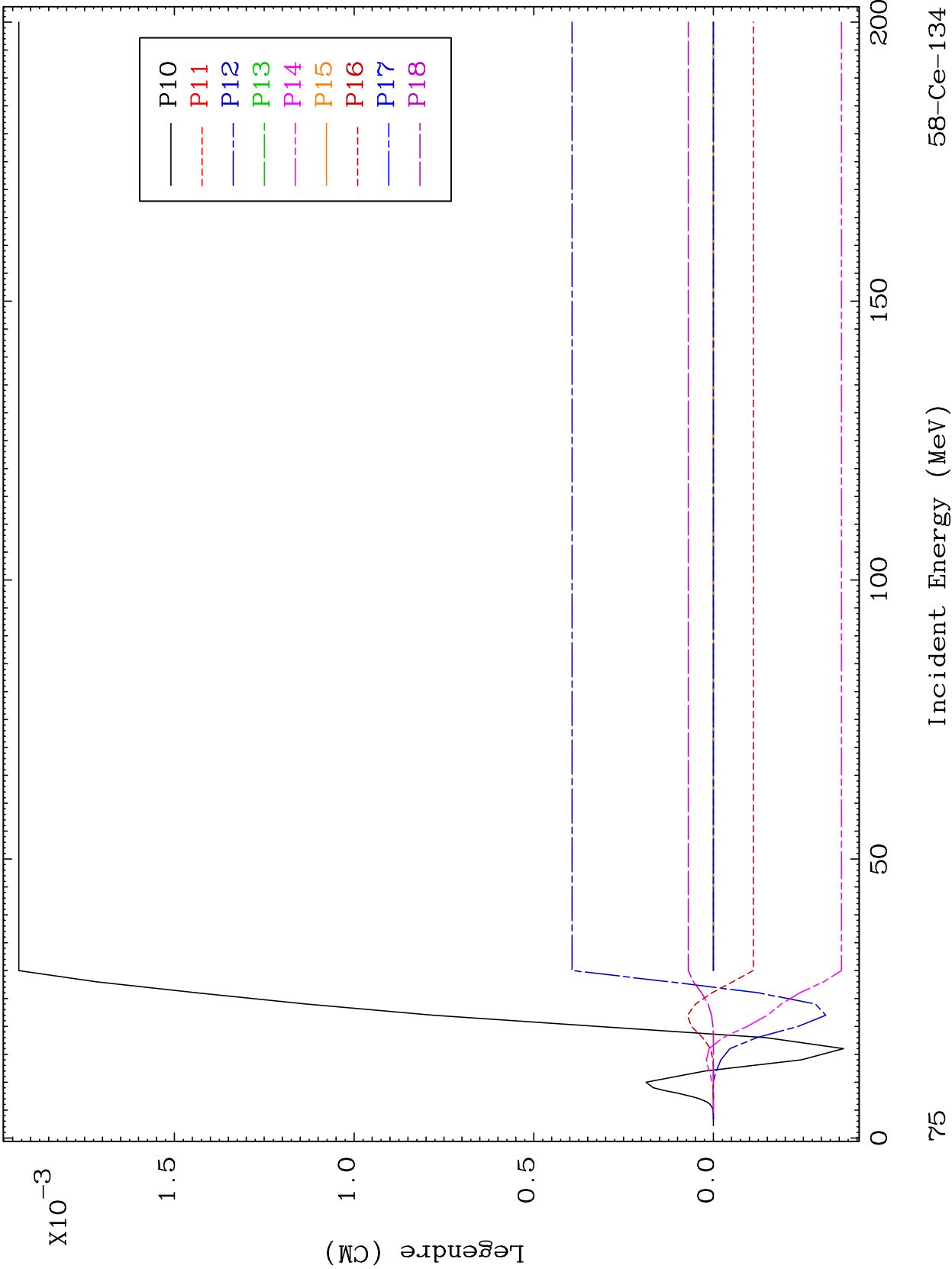
58-Ce-134



MAT 5819

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

58-Ce-134



75

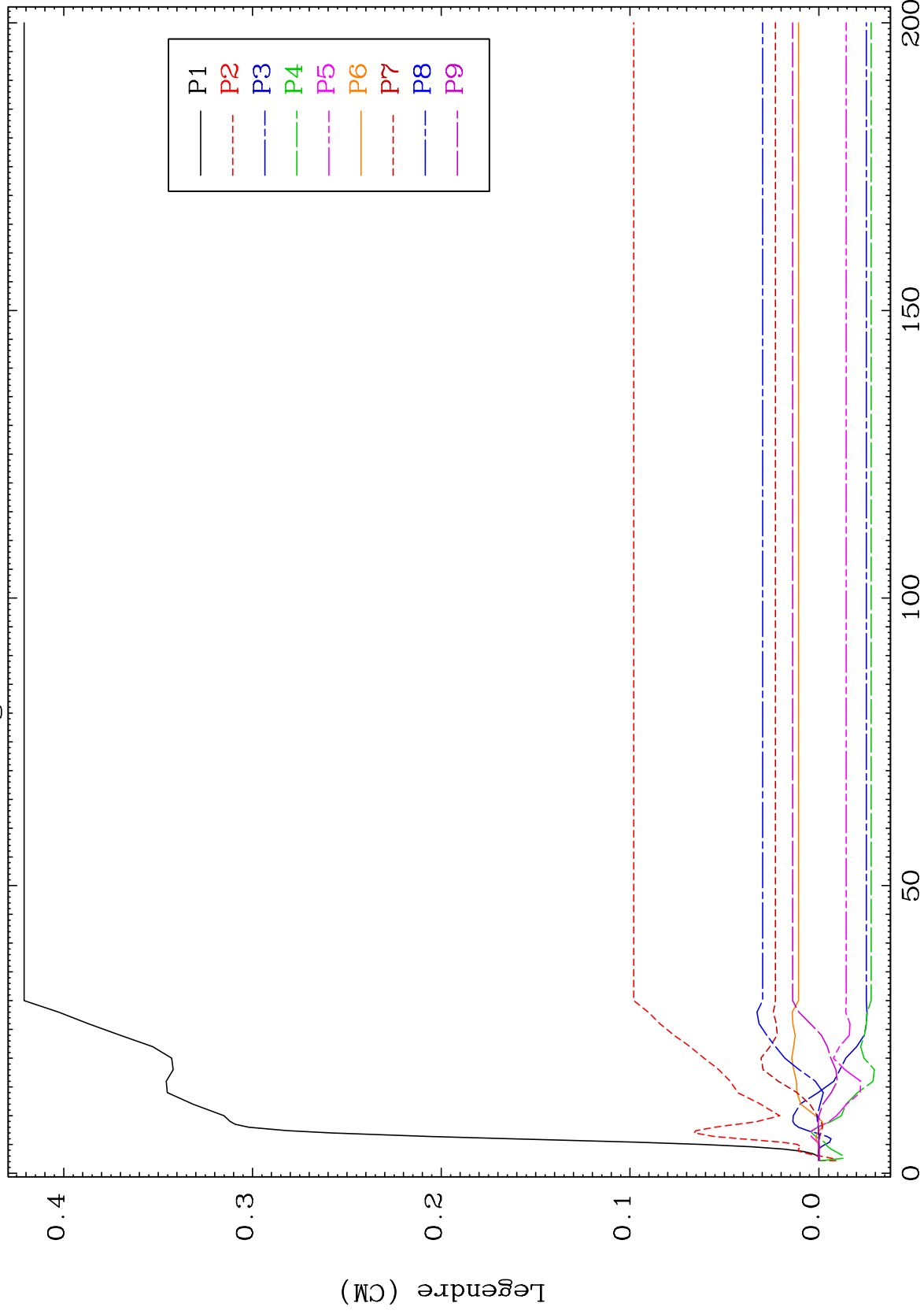
58-Ce-134

200

MAT 5819

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

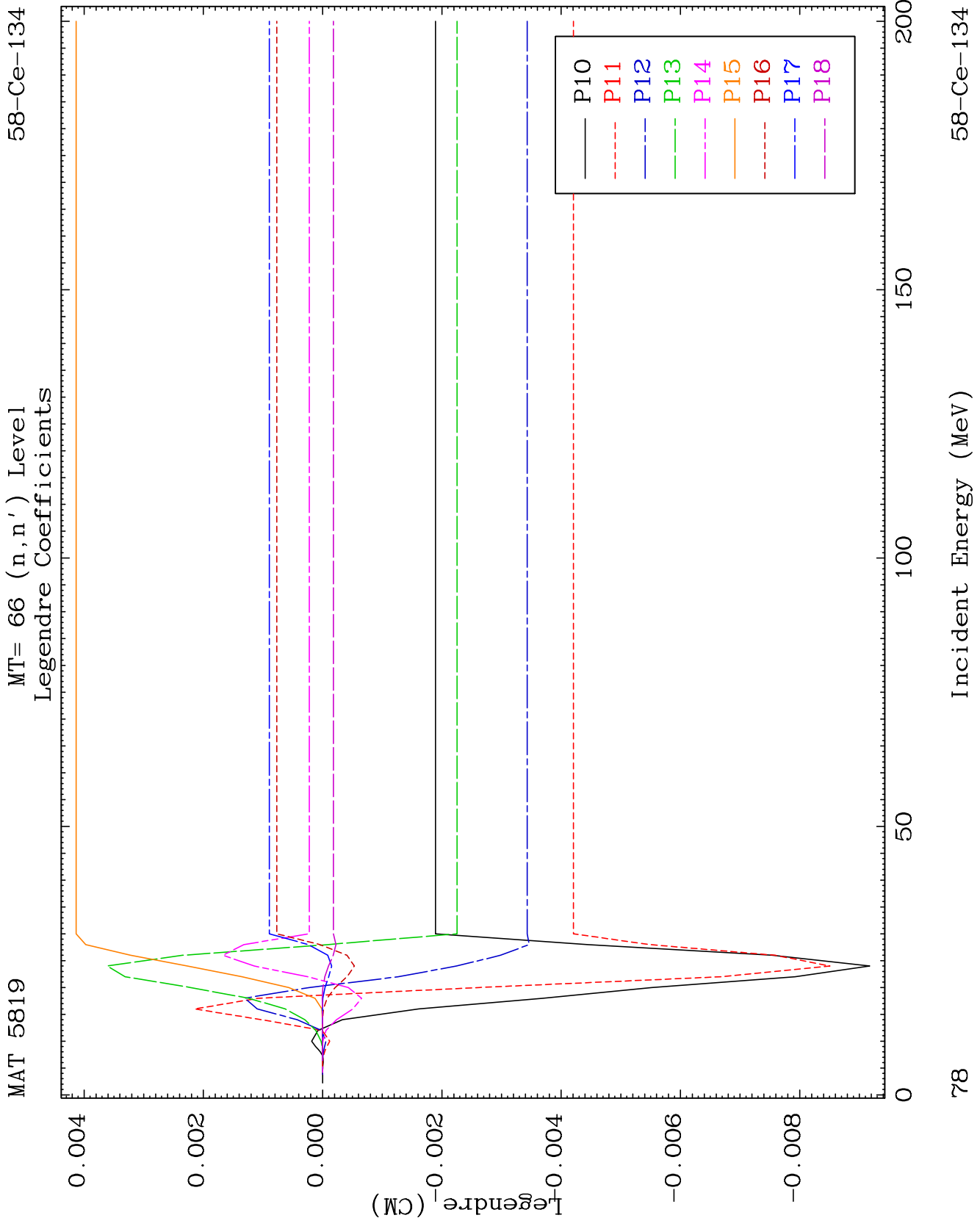
58-Ce-134

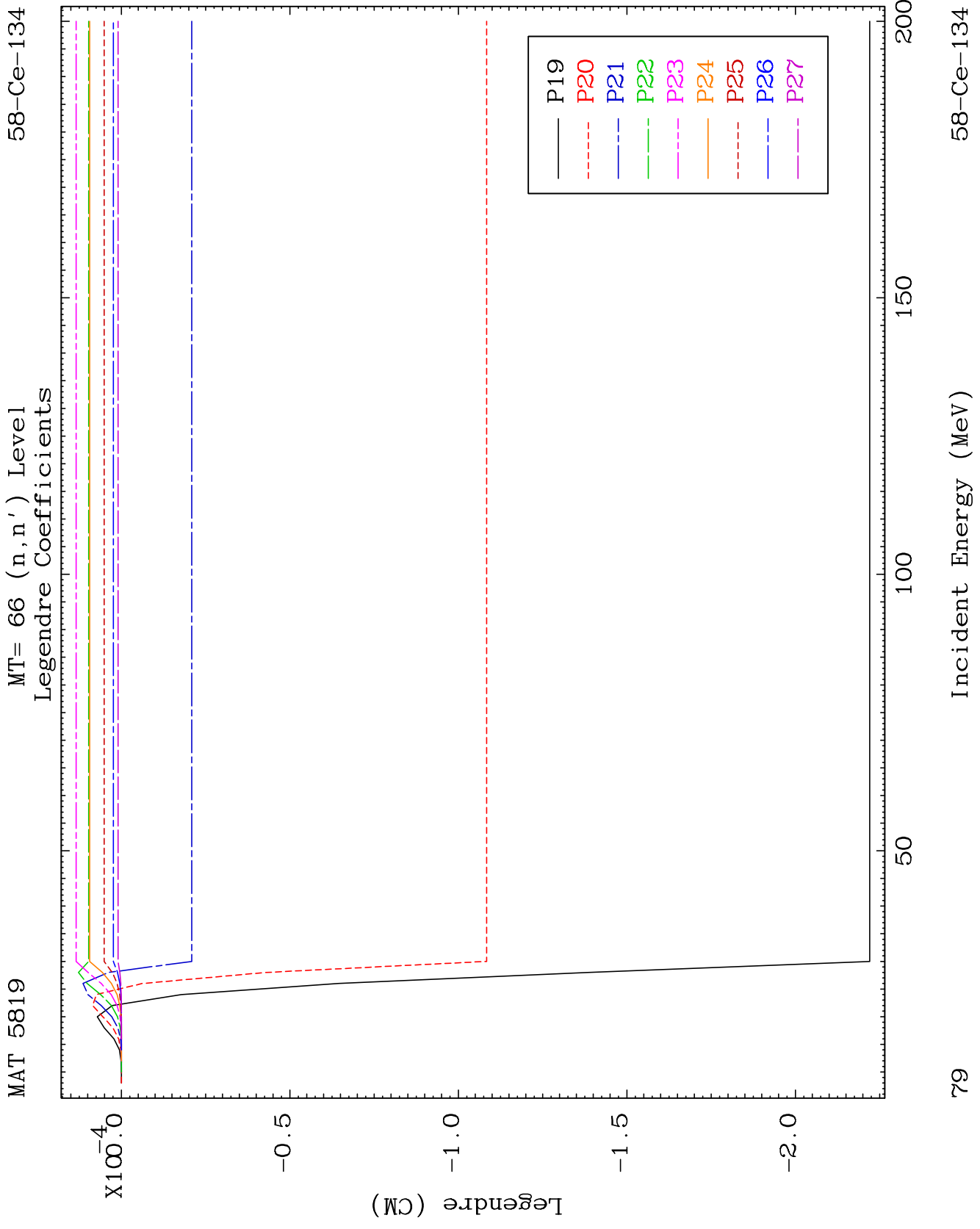


77

Incident Energy (MeV)

58-Ce-134

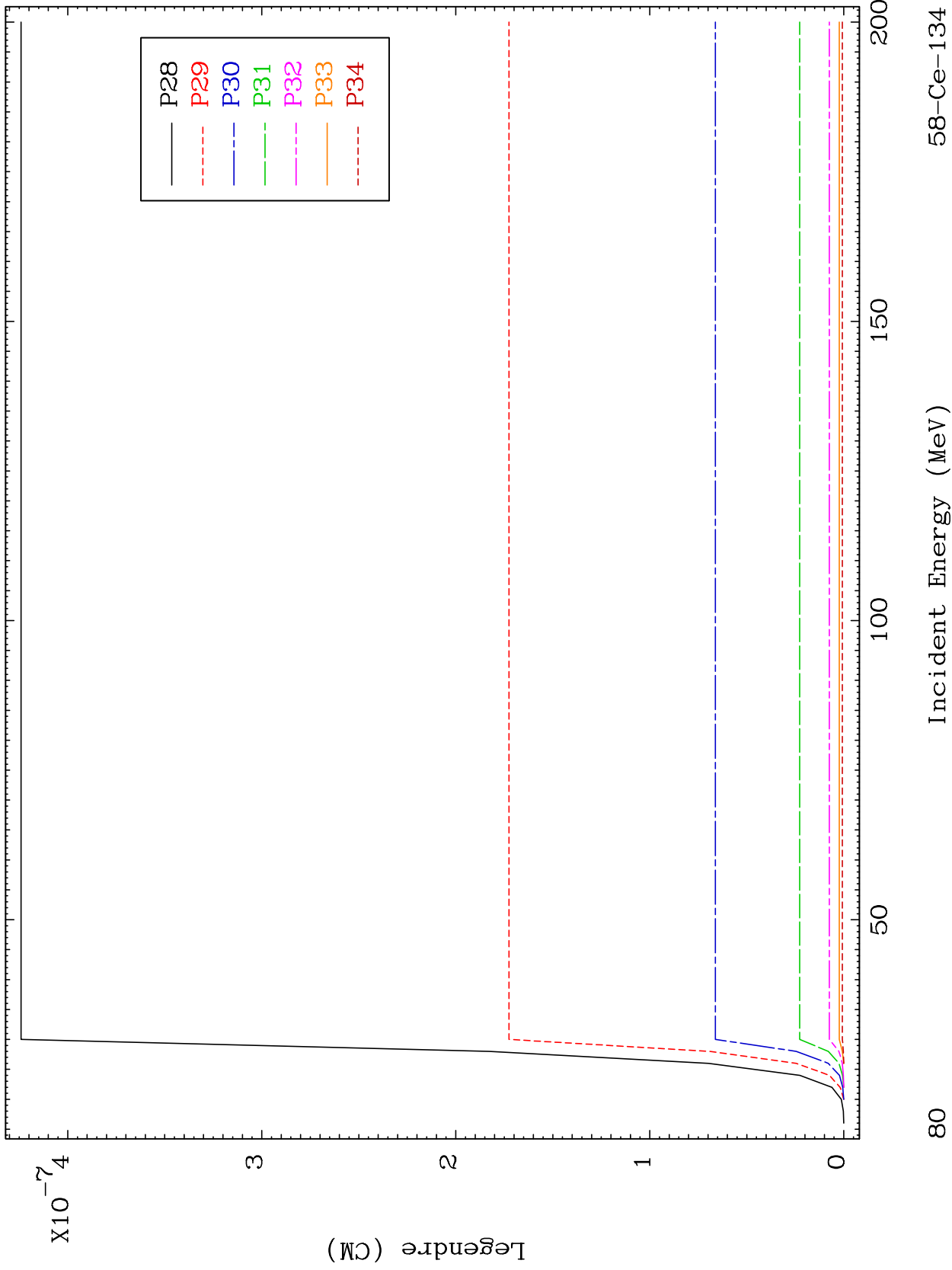


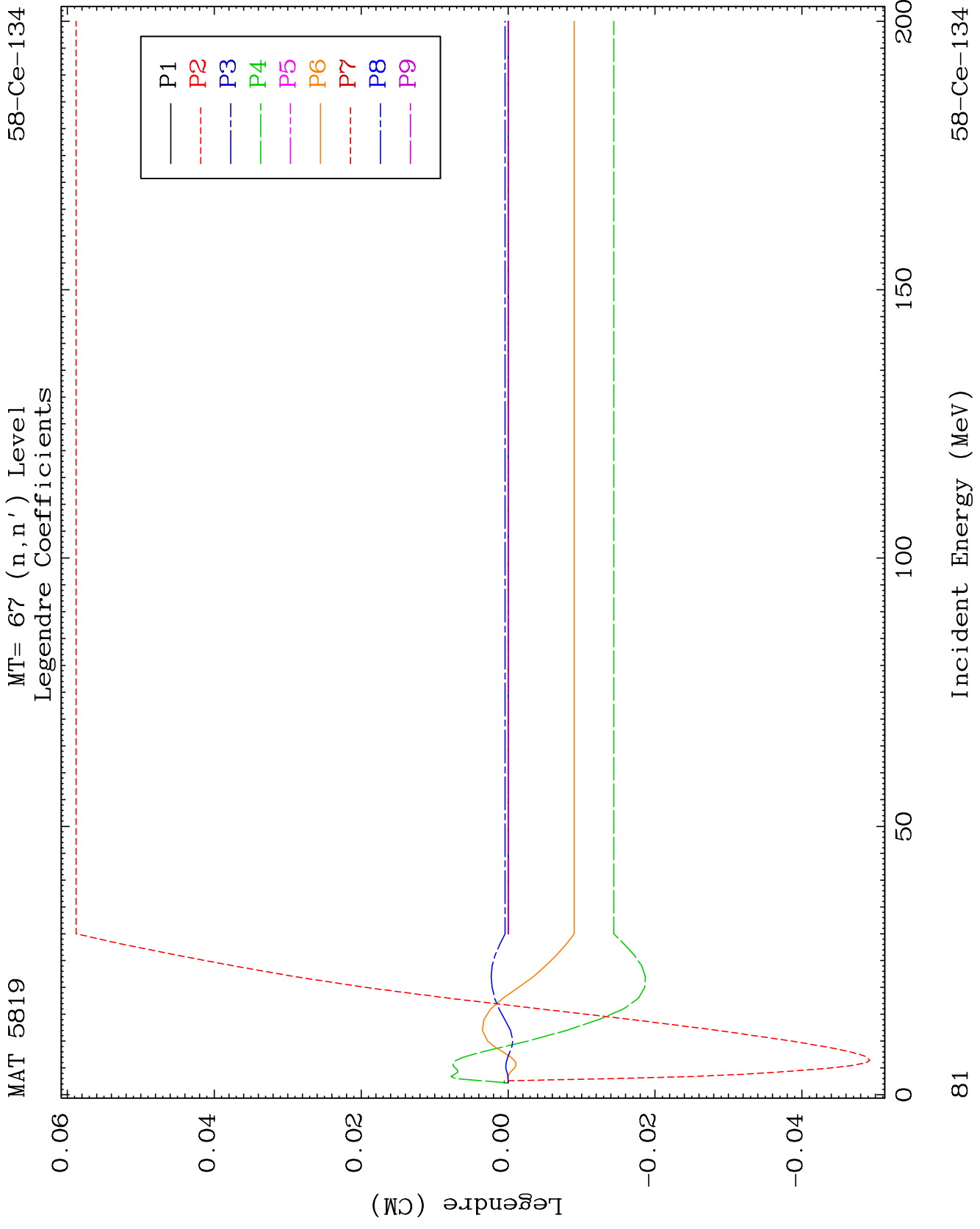


MAT 5819

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

58-Ce-134





58-Ce-134

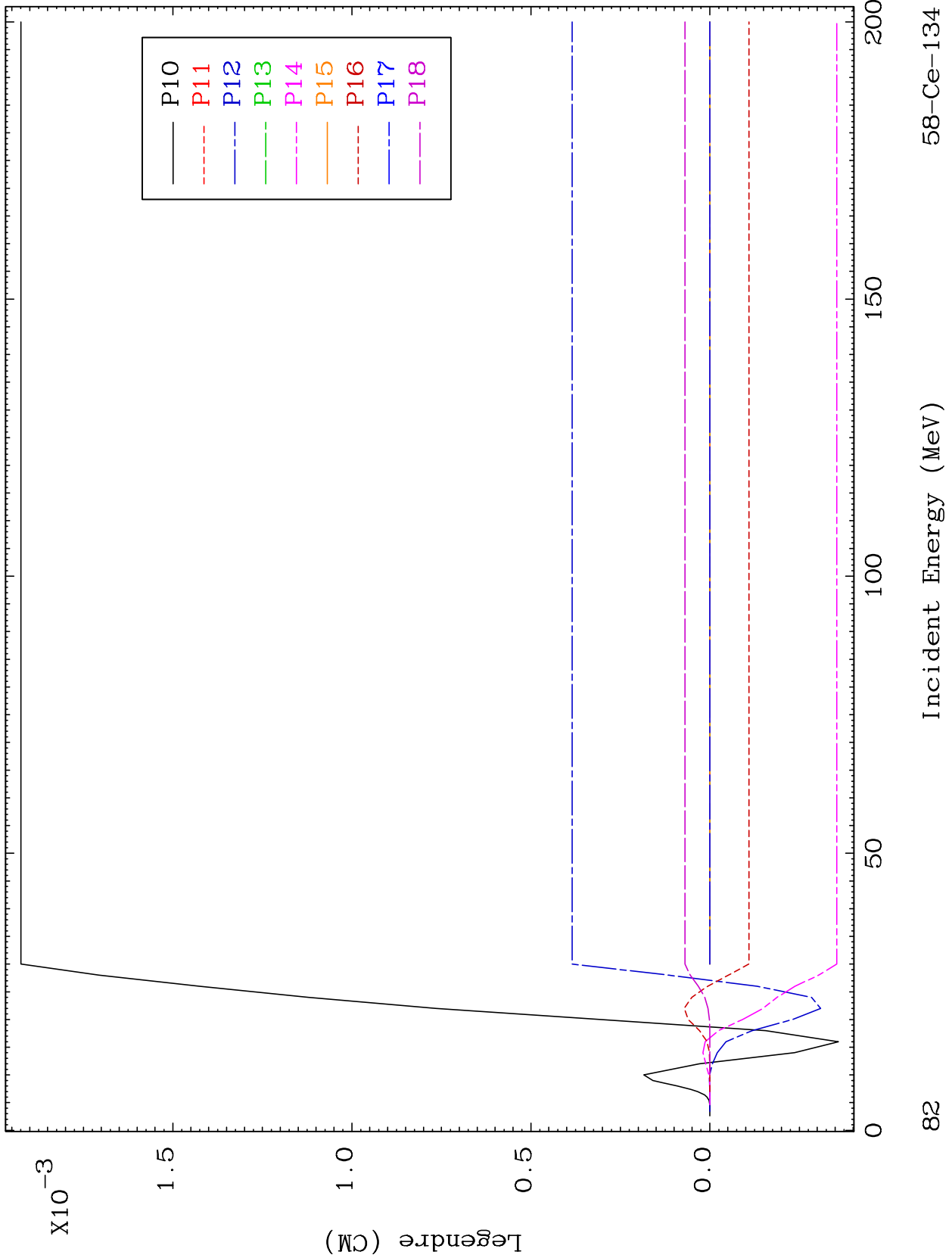
Incident Energy (MeV)

81

MAT 5819

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

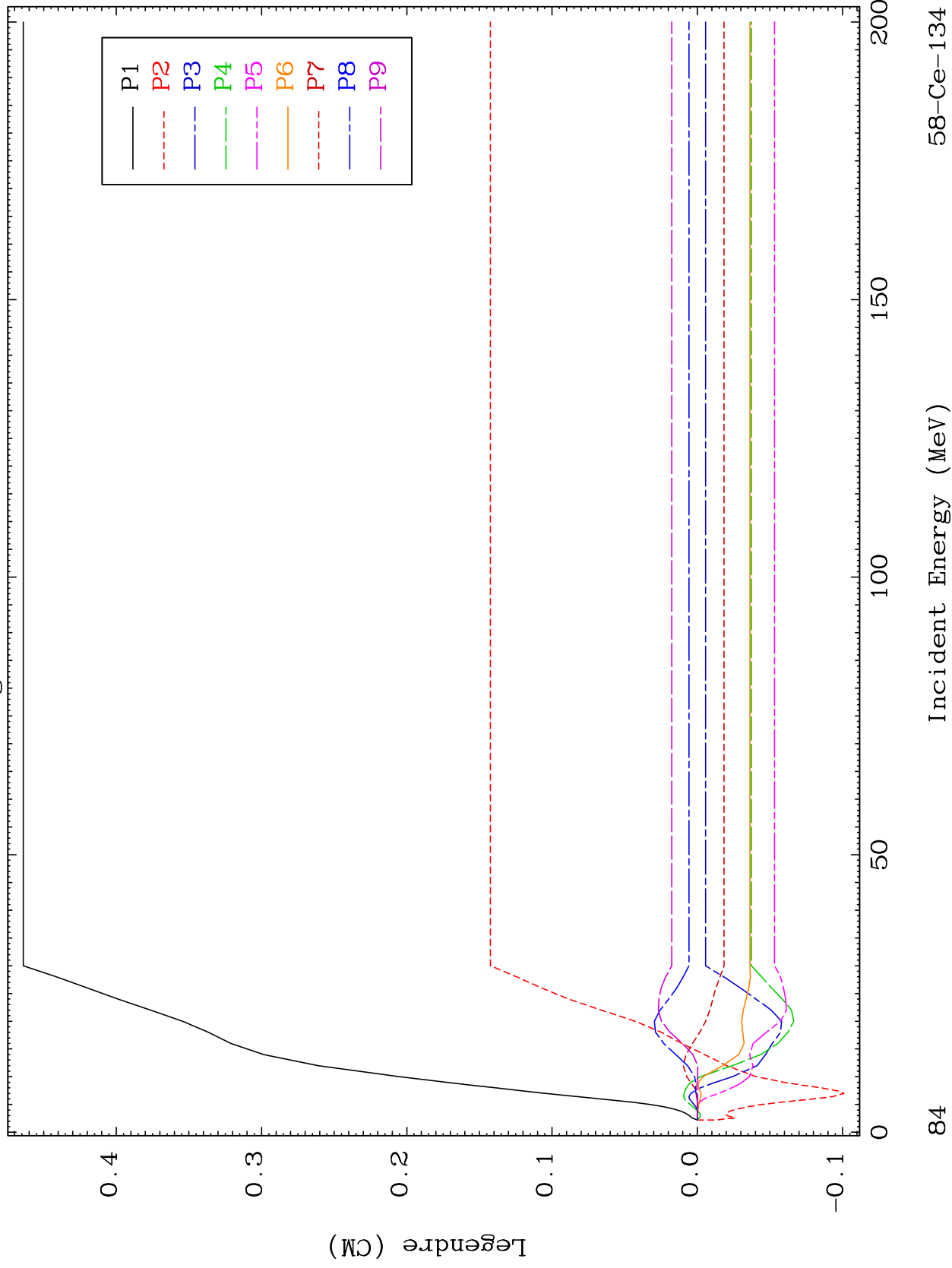
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

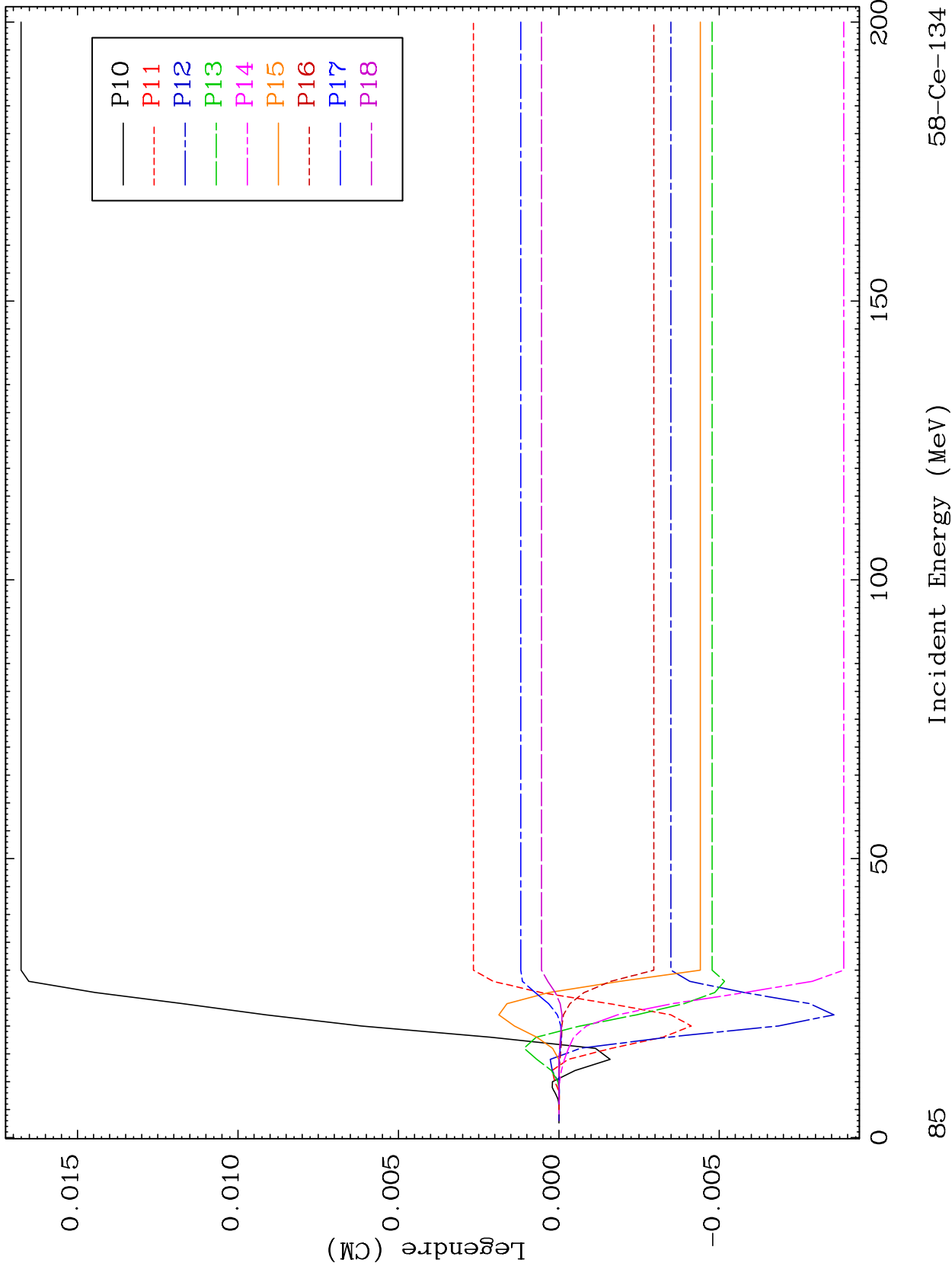
Incident Energy (MeV)

84

MAT 5819

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

58-Ce-134



58-Ce-134

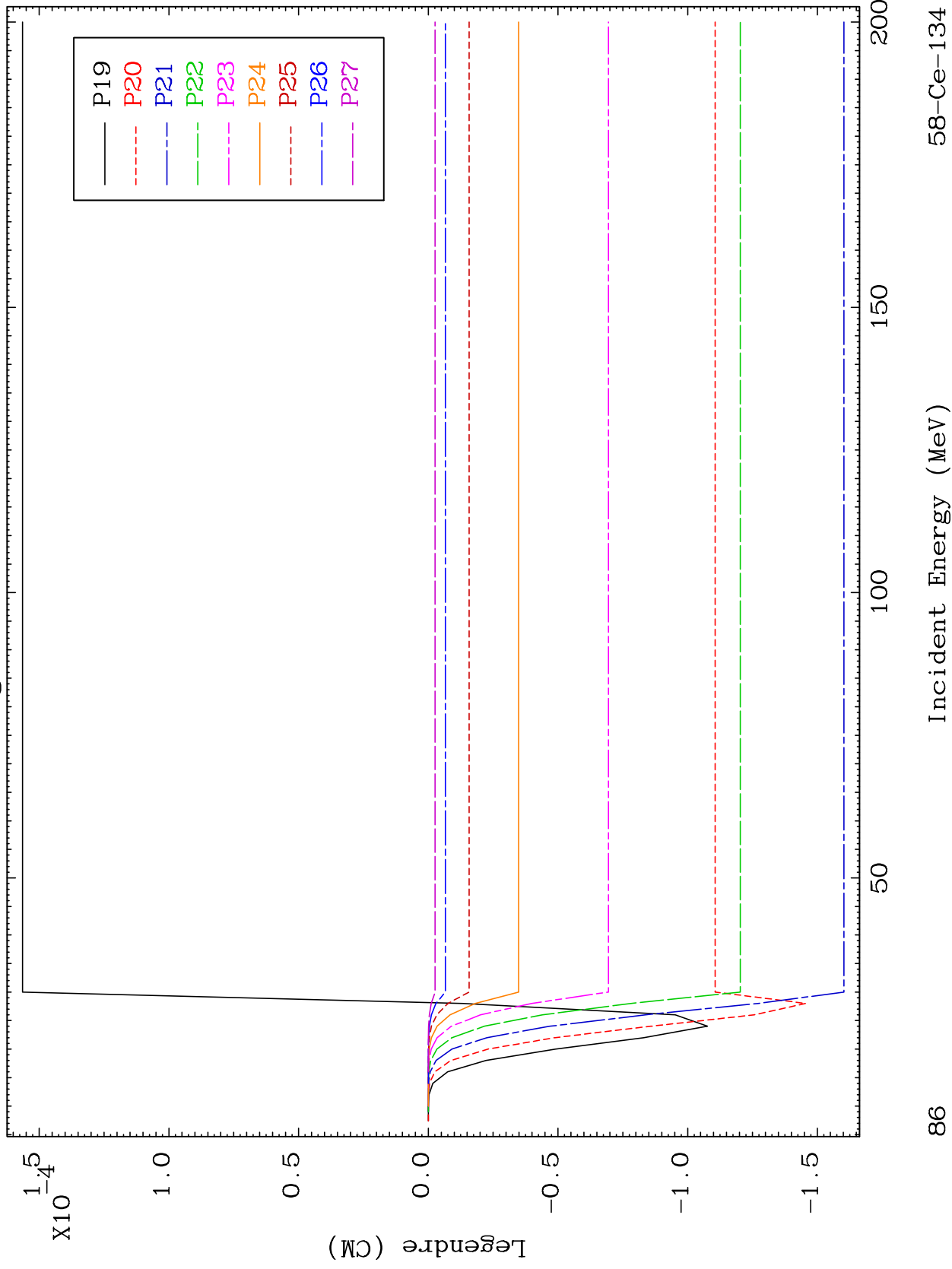
Incident Energy (MeV)

85

MAT 5819

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

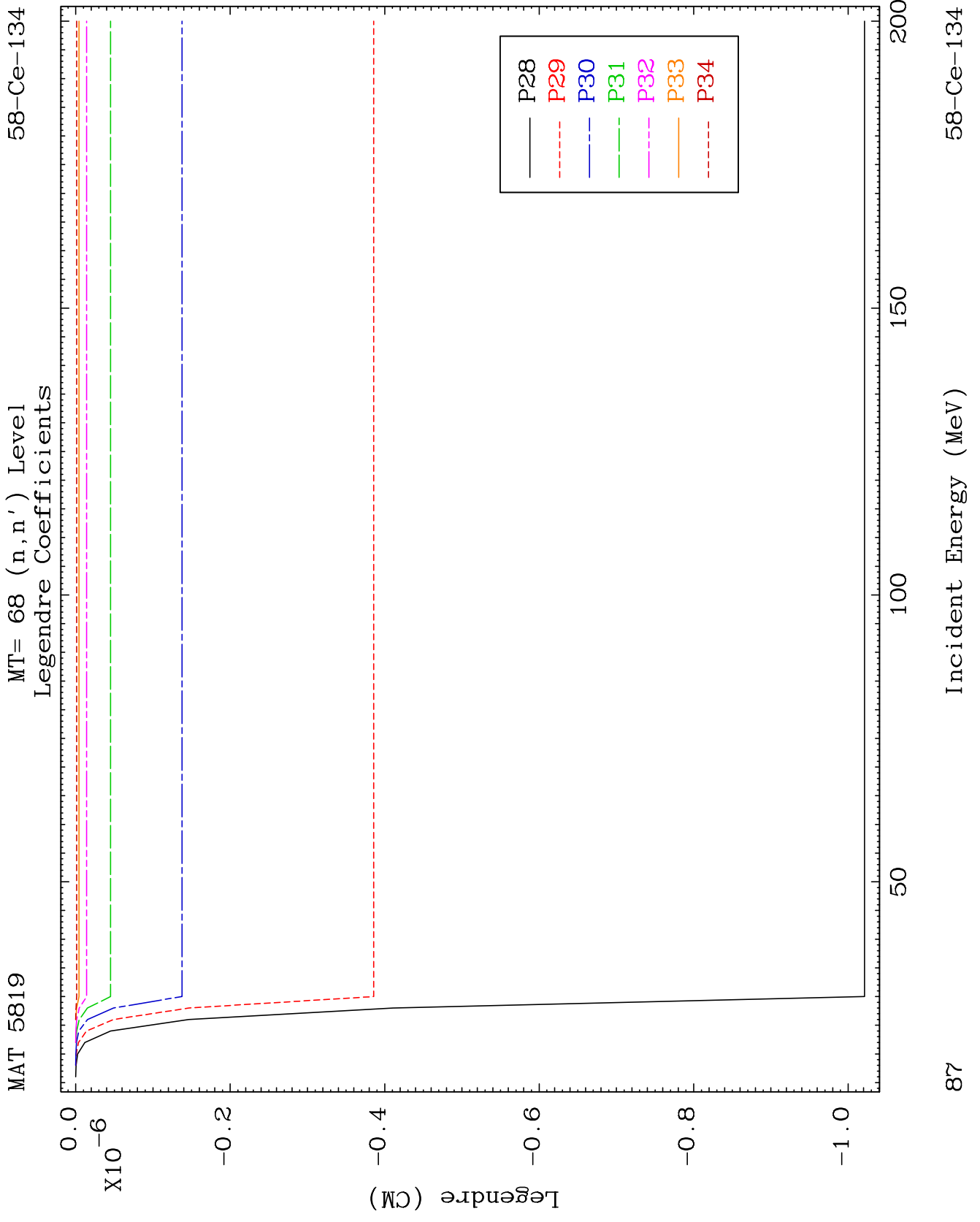
58-Ce-134



86

Incident Energy (MeV)

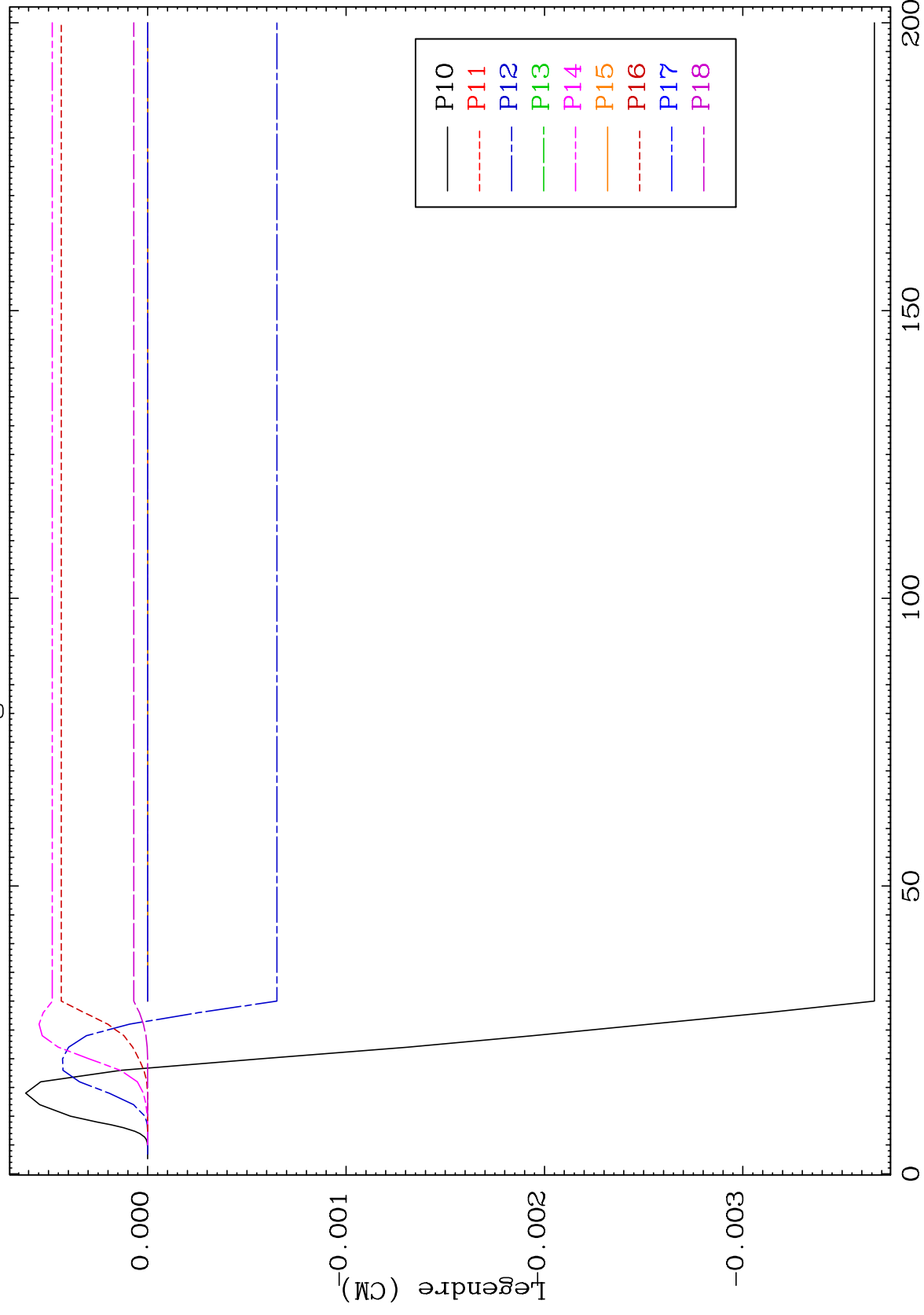
58-Ce-134



MAT 5819

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

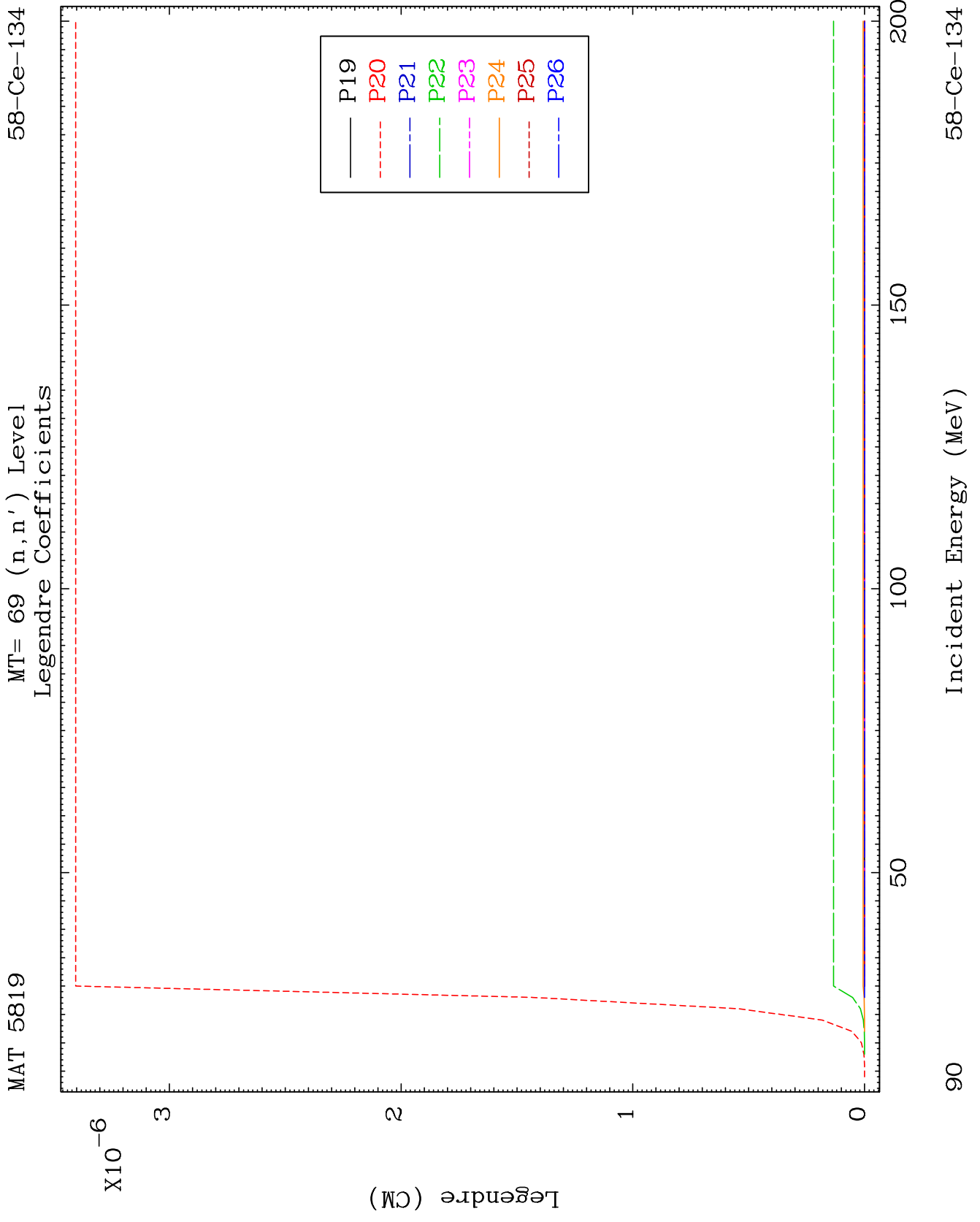
58-Ce-134

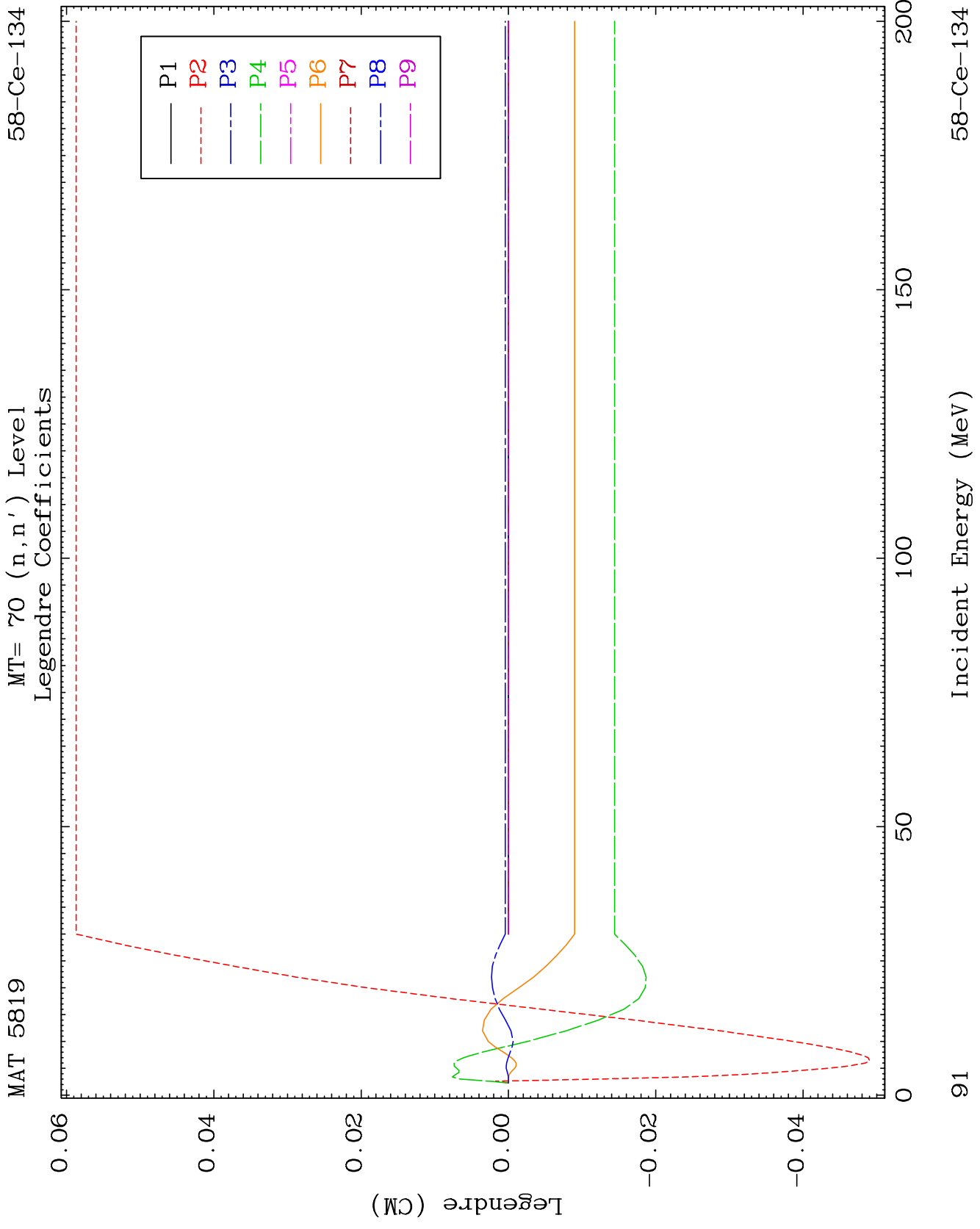


89

Incident Energy (MeV)

58-Ce-134

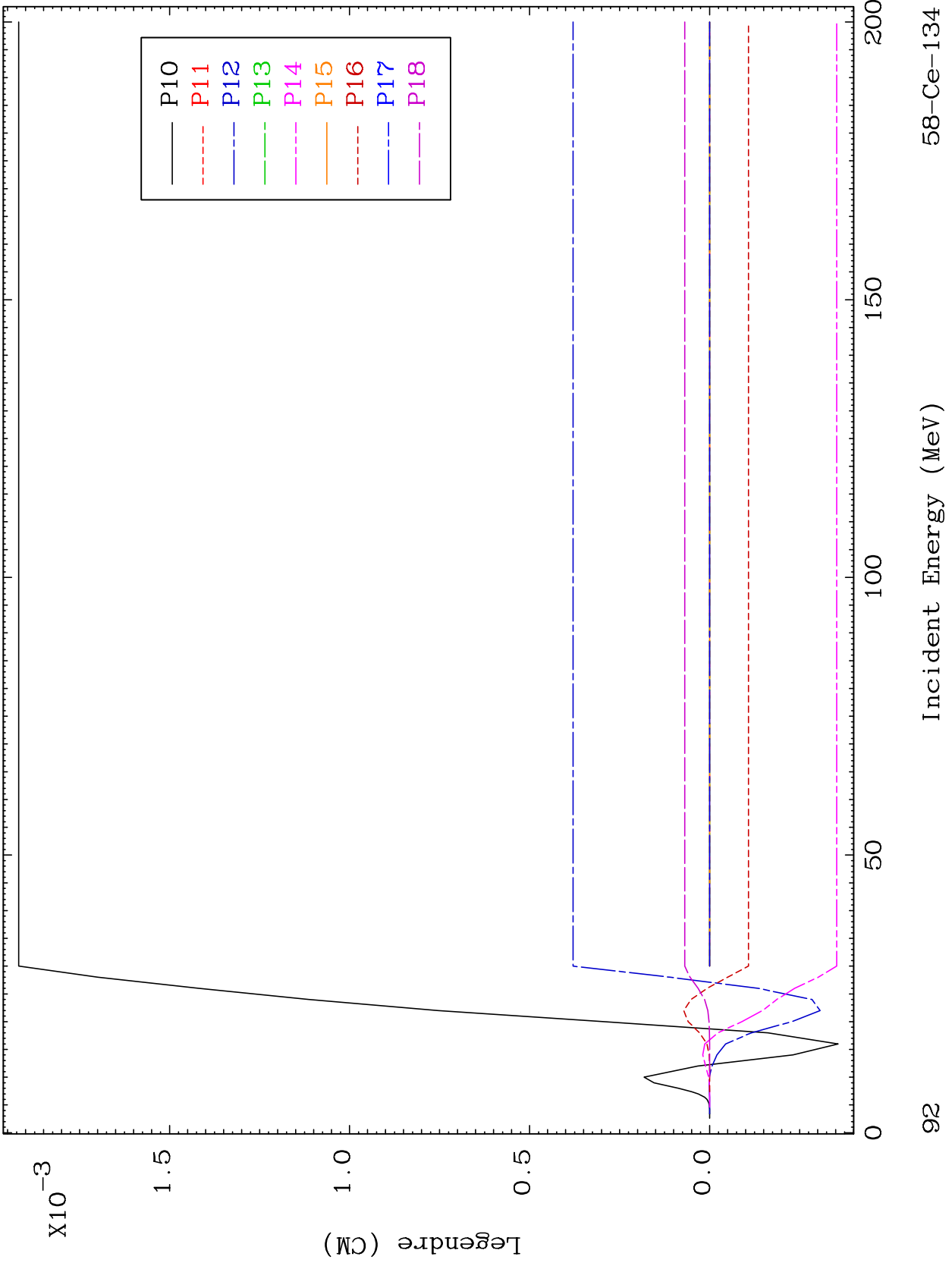




MAT 5819

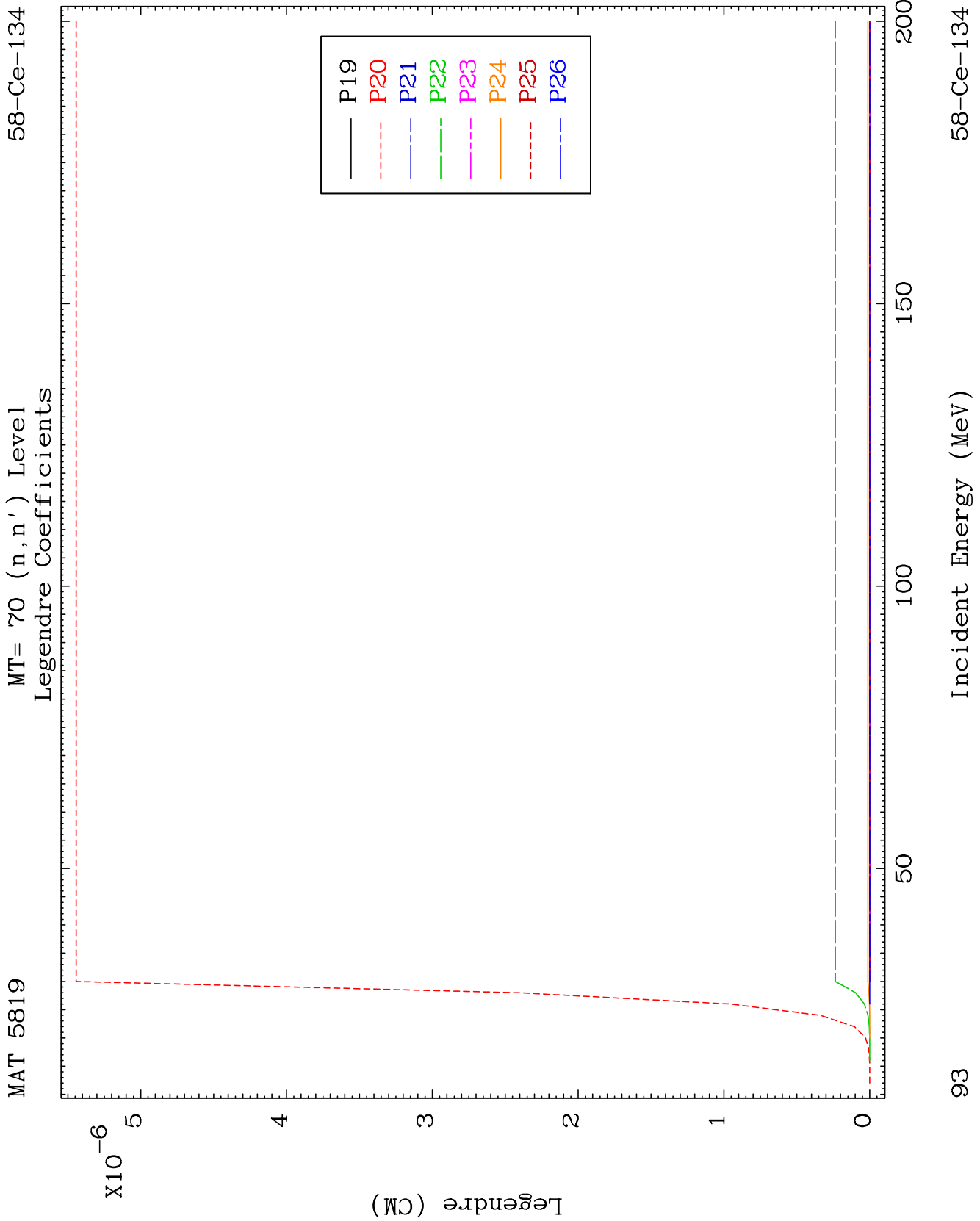
MT= 70 (n,n') Level
Legendre Coefficients

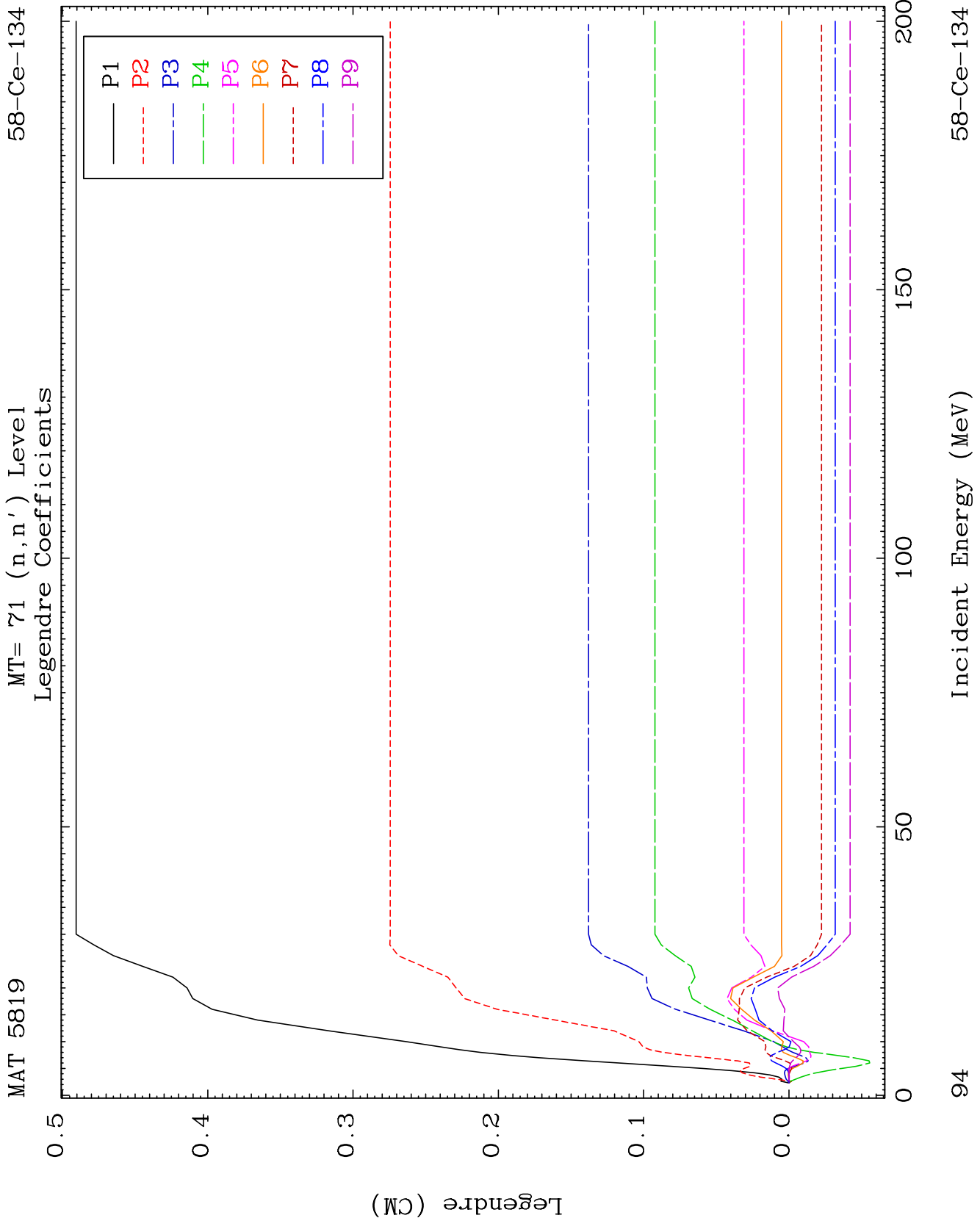
58-Ce-134



92

58-Ce-134

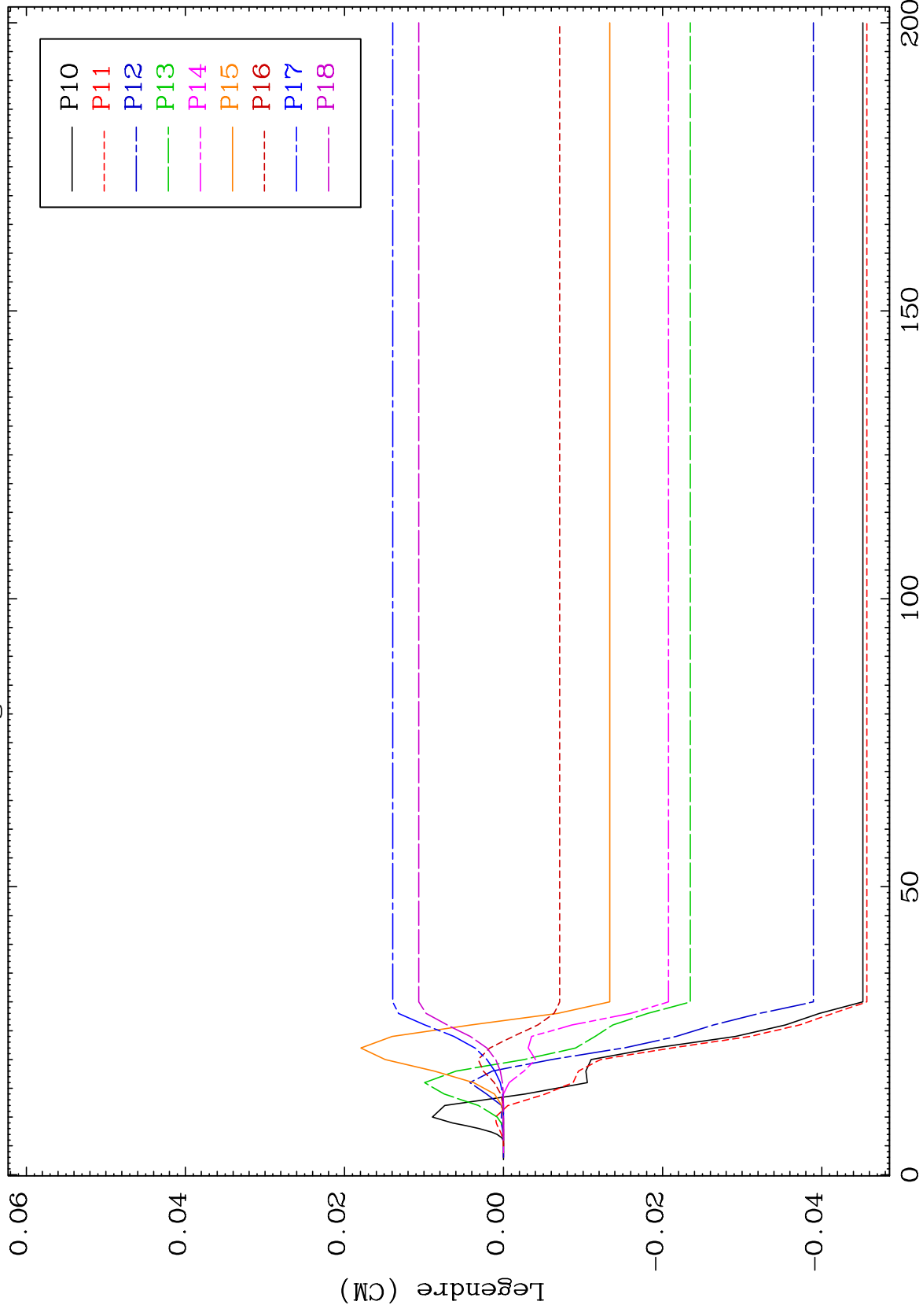




MAT 5819

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

58-Ce-134



95

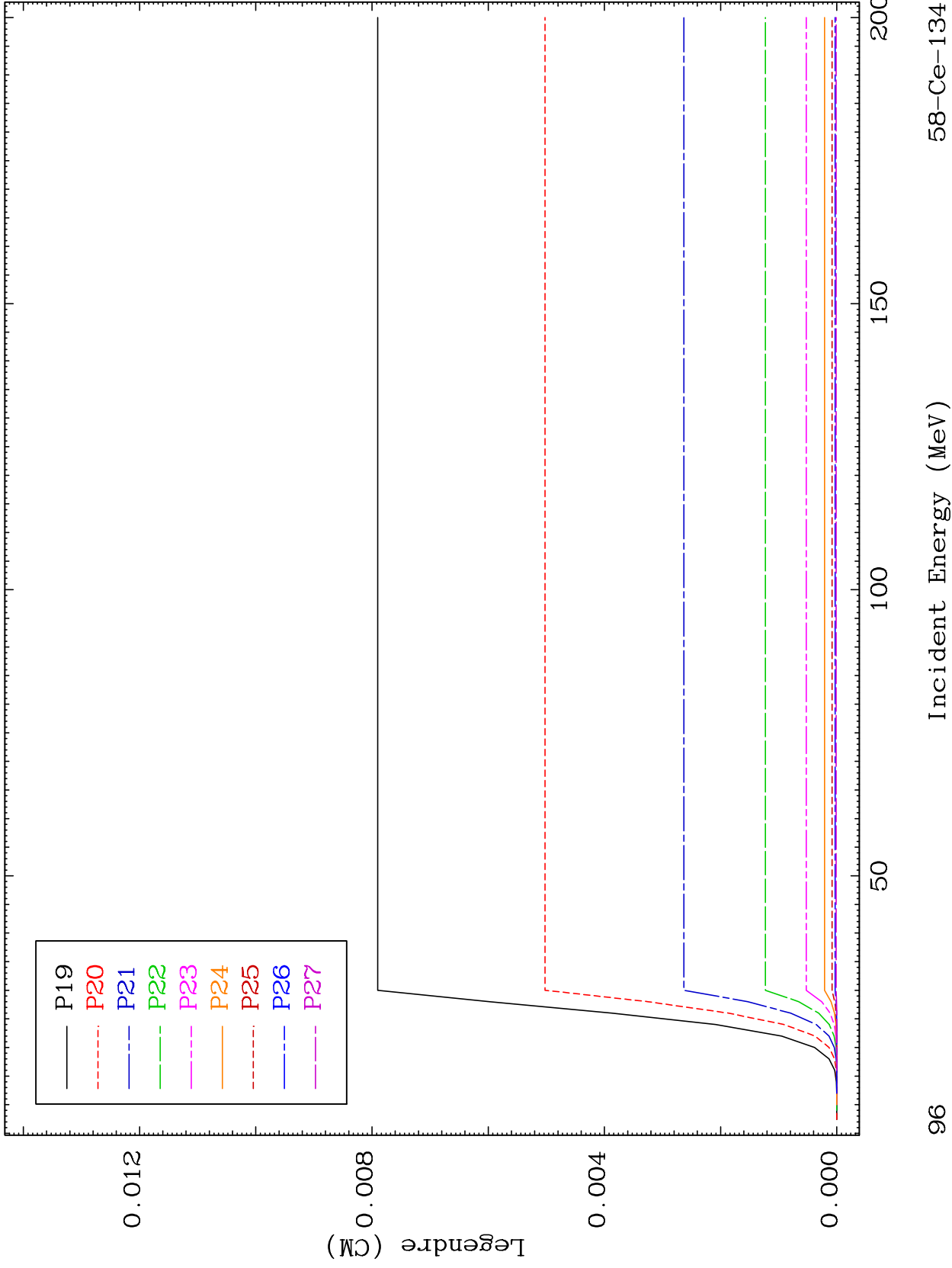
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



96

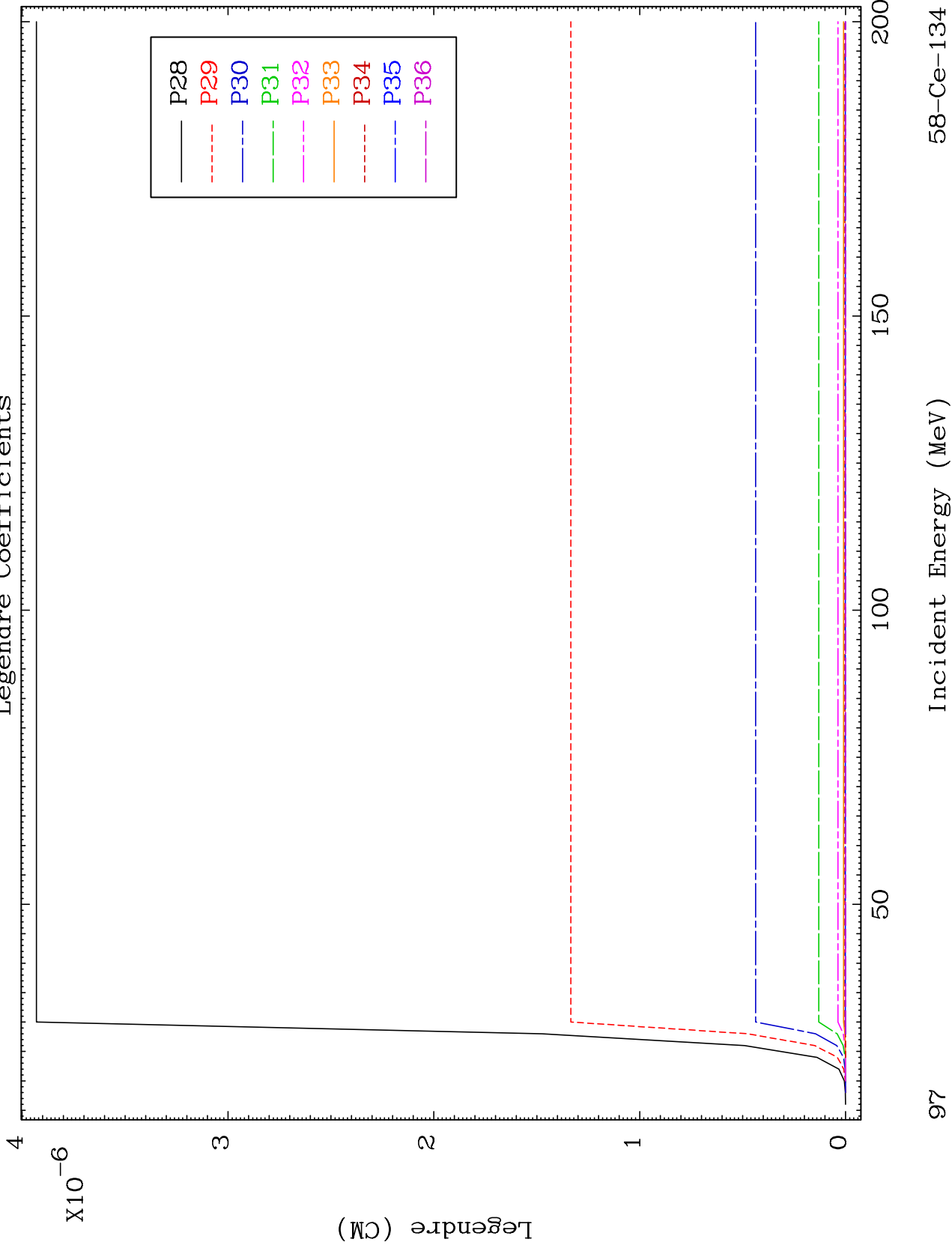
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

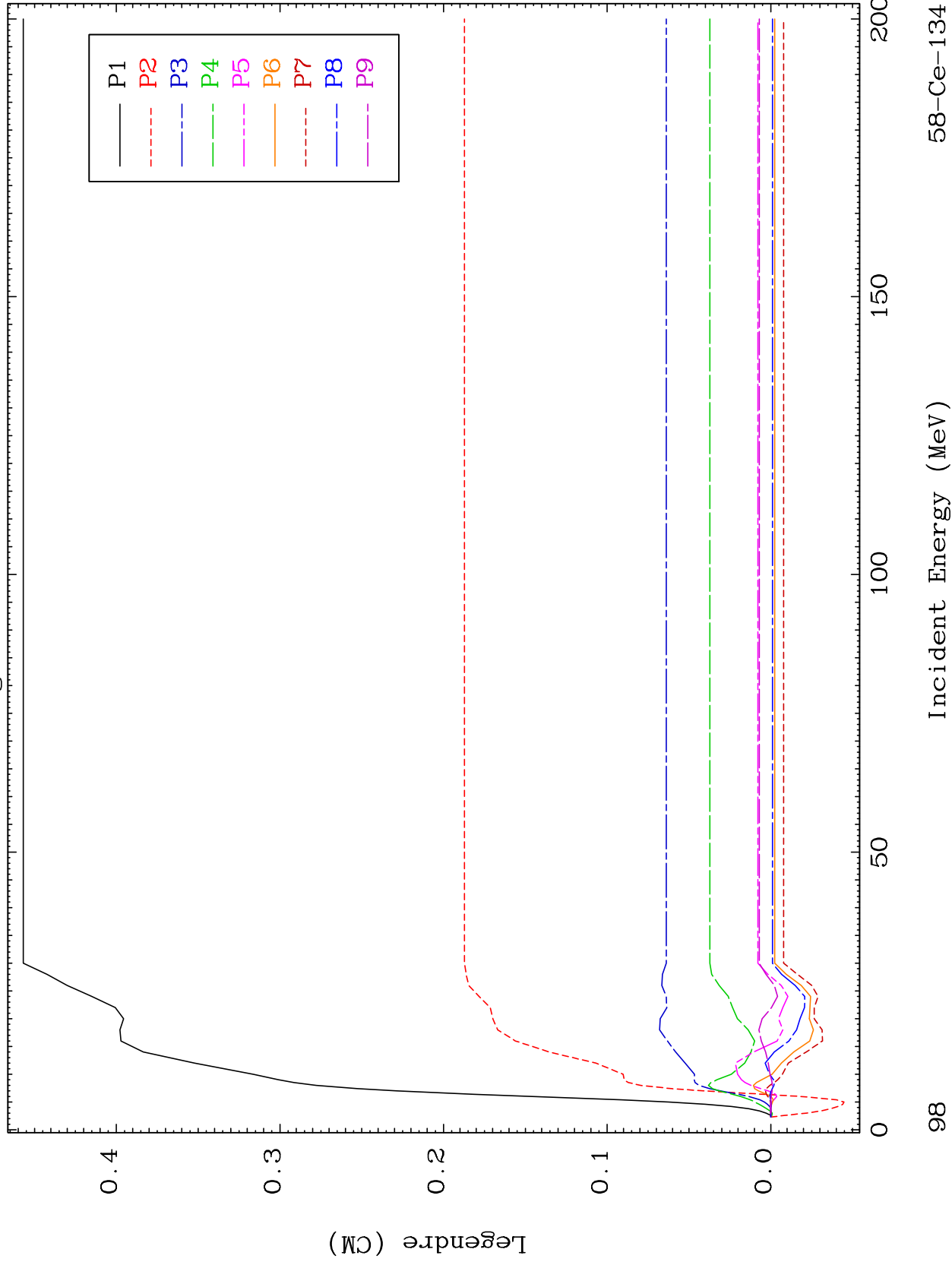
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

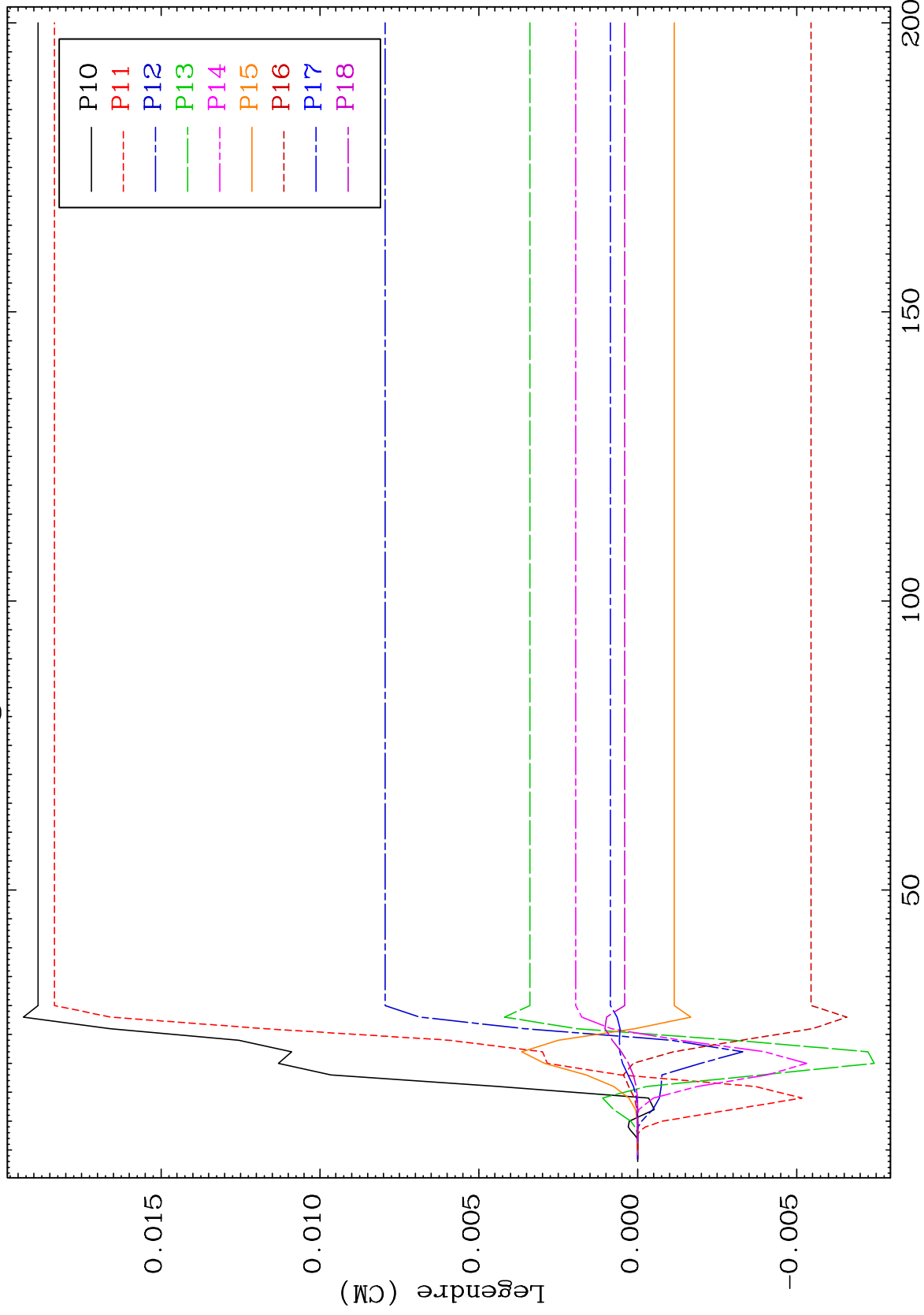
Incident Energy (MeV)

98

MAT 5819

58-Ce-134

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



99

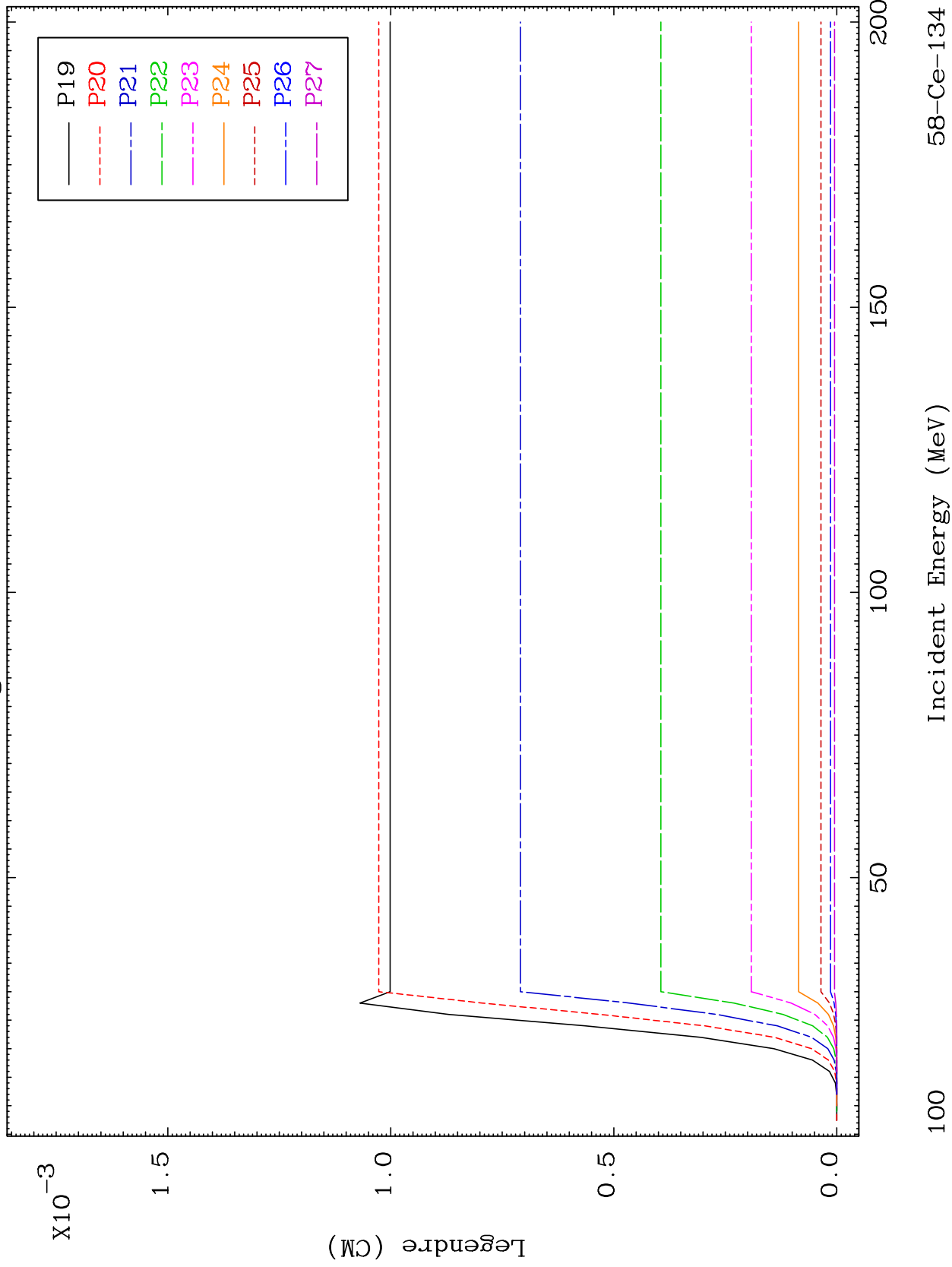
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

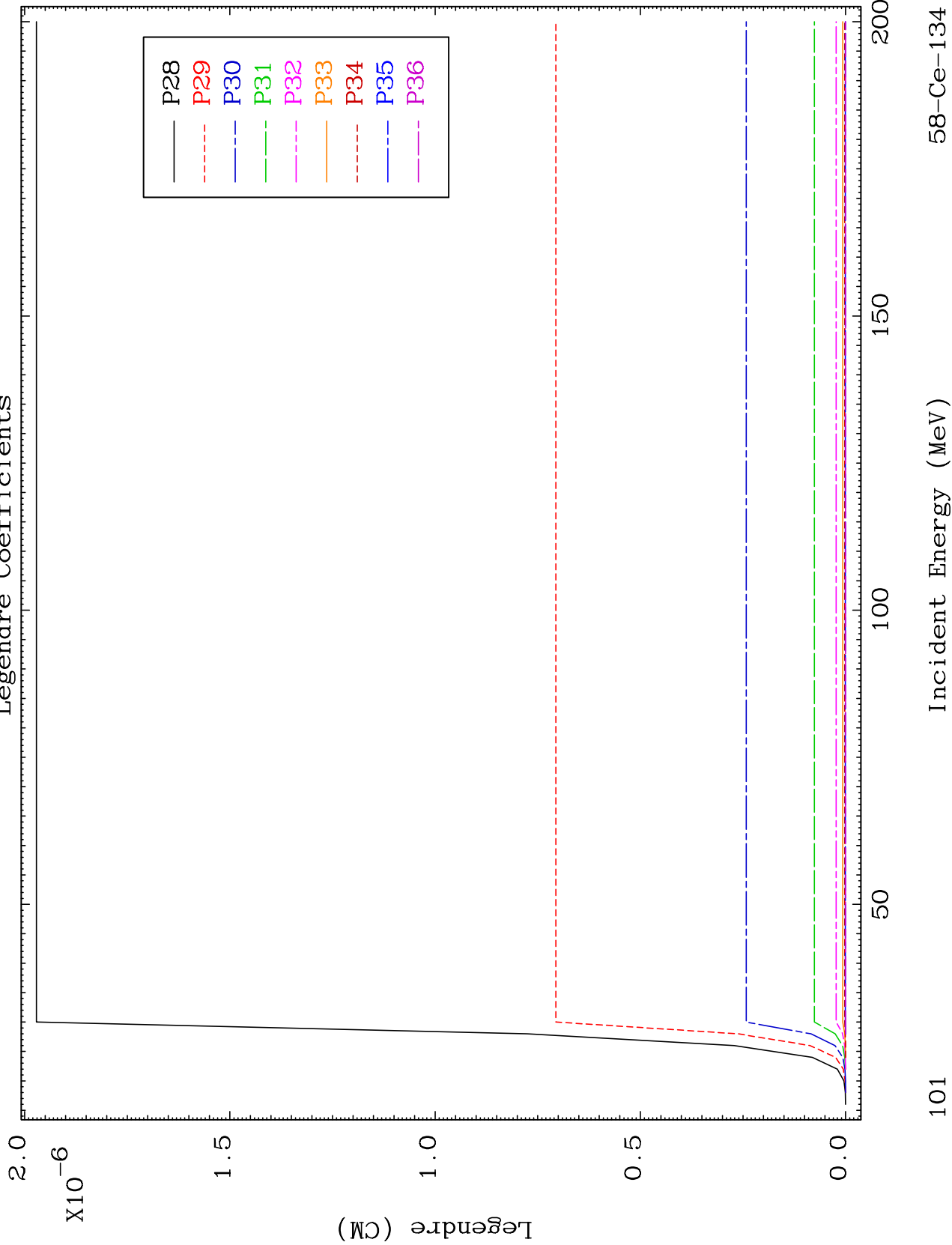
58-Ce-134



MAT 5819

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

58-Ce-134



101

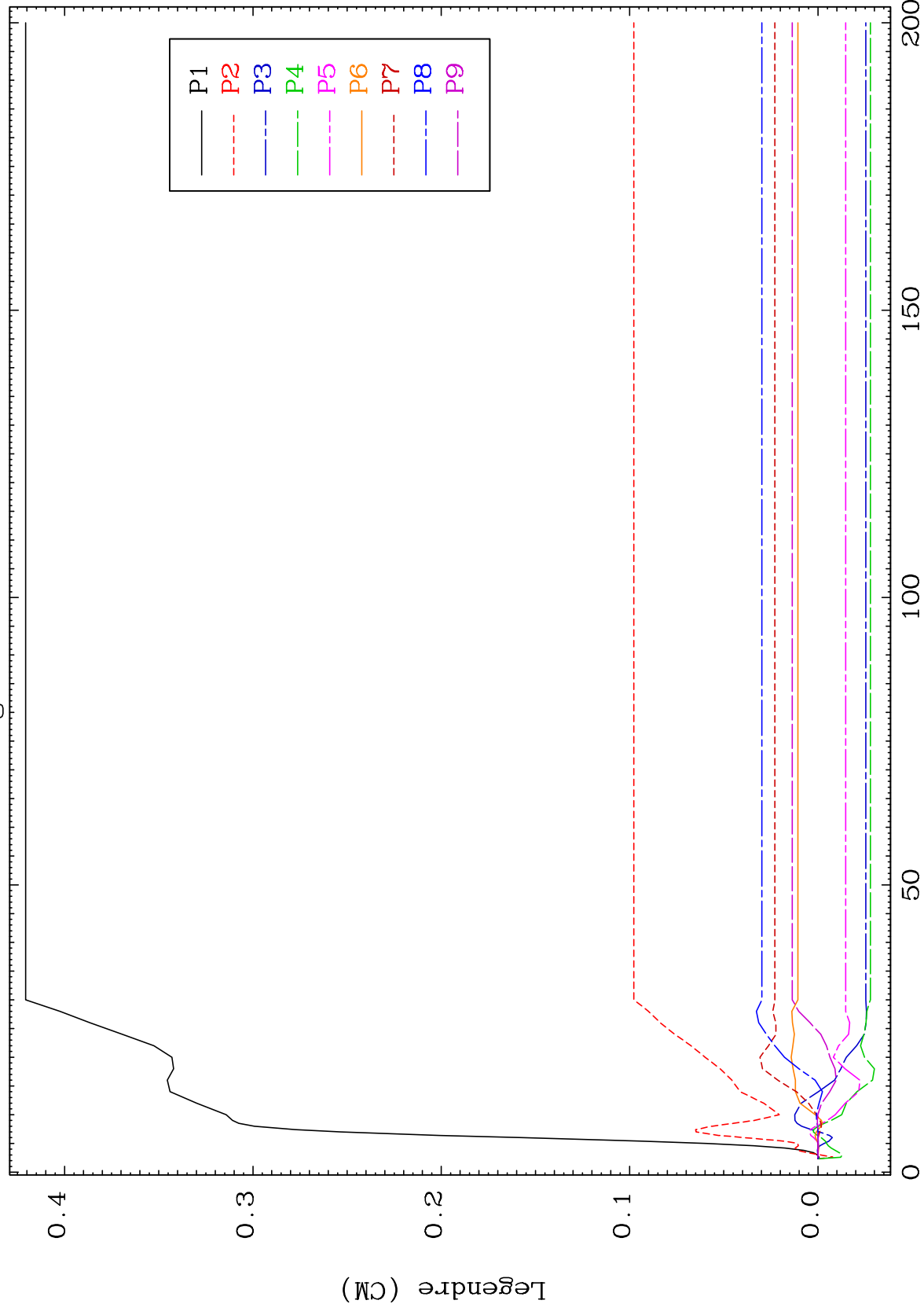
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



58-Ce-134

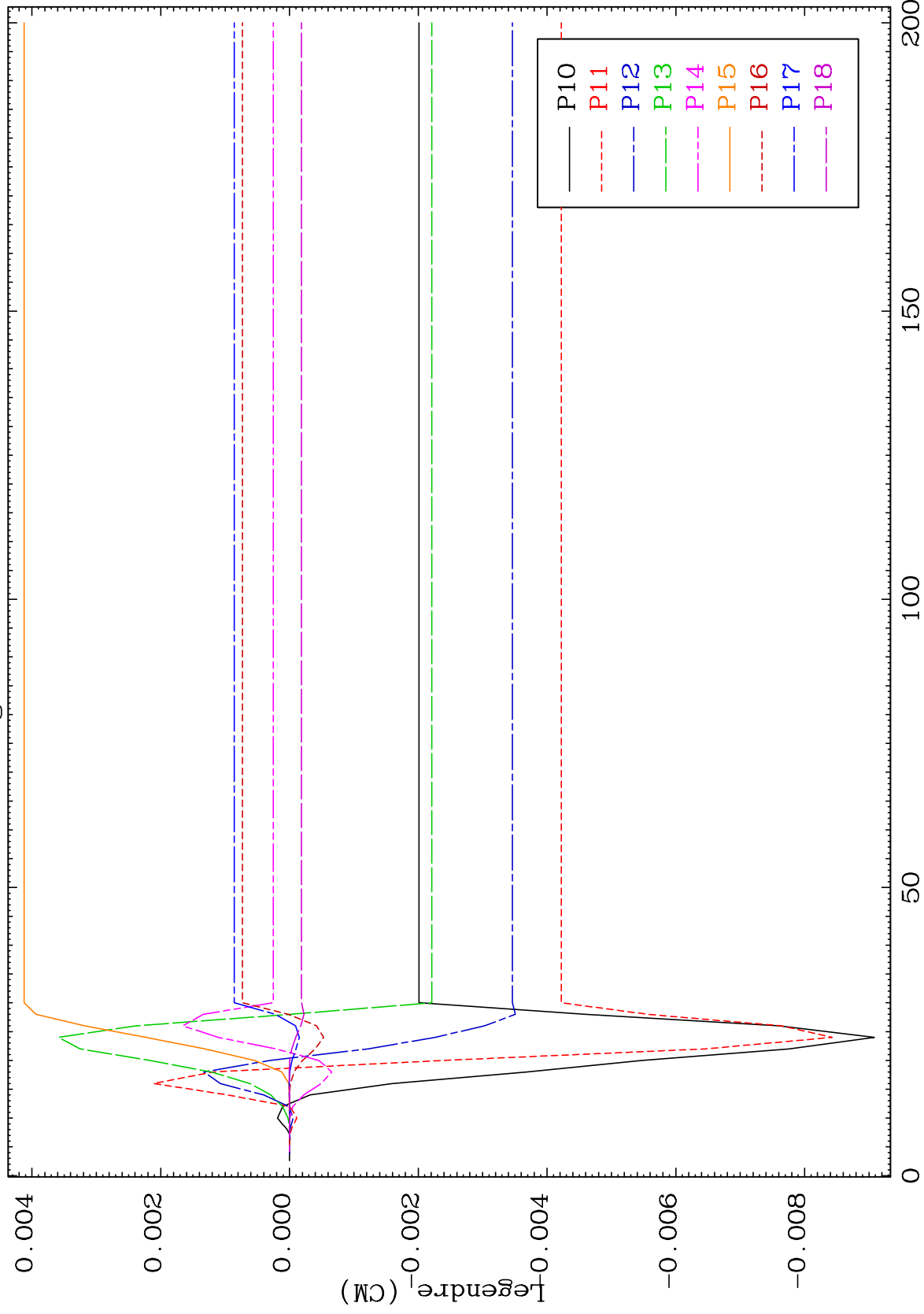
Incident Energy (MeV)

102

MAT 5819

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

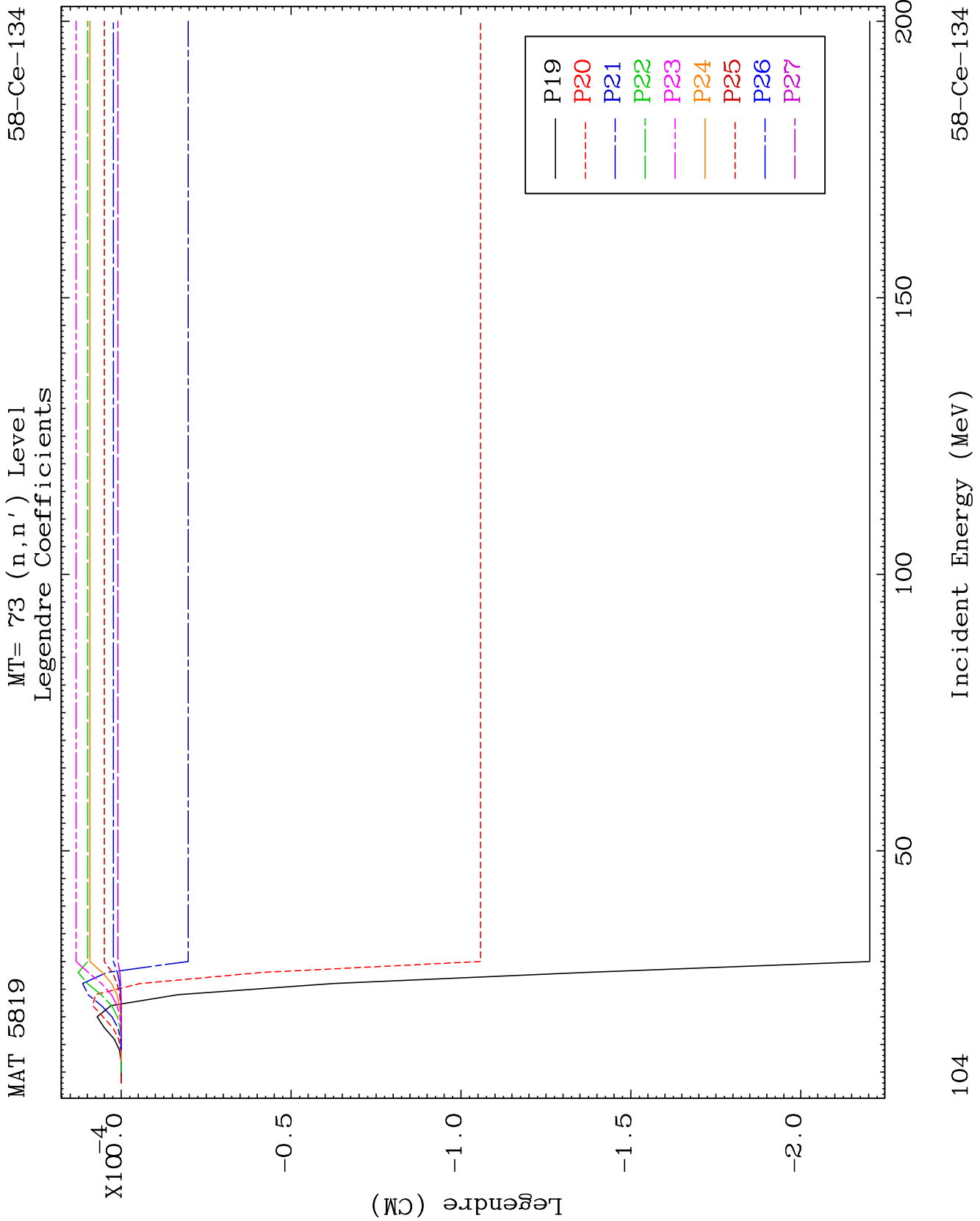
58-Ce-134



103

Incident Energy (MeV)

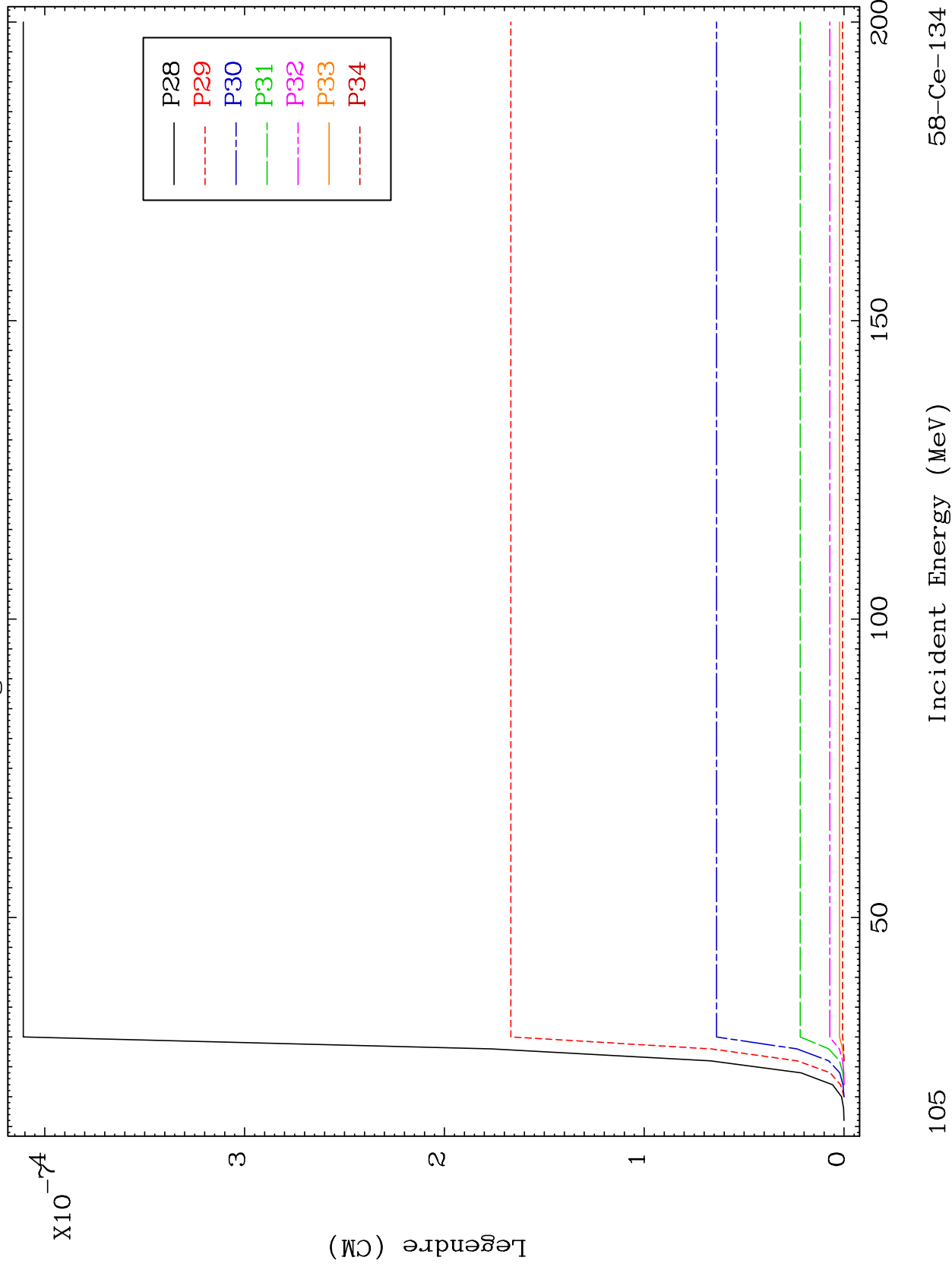
58-Ce-134

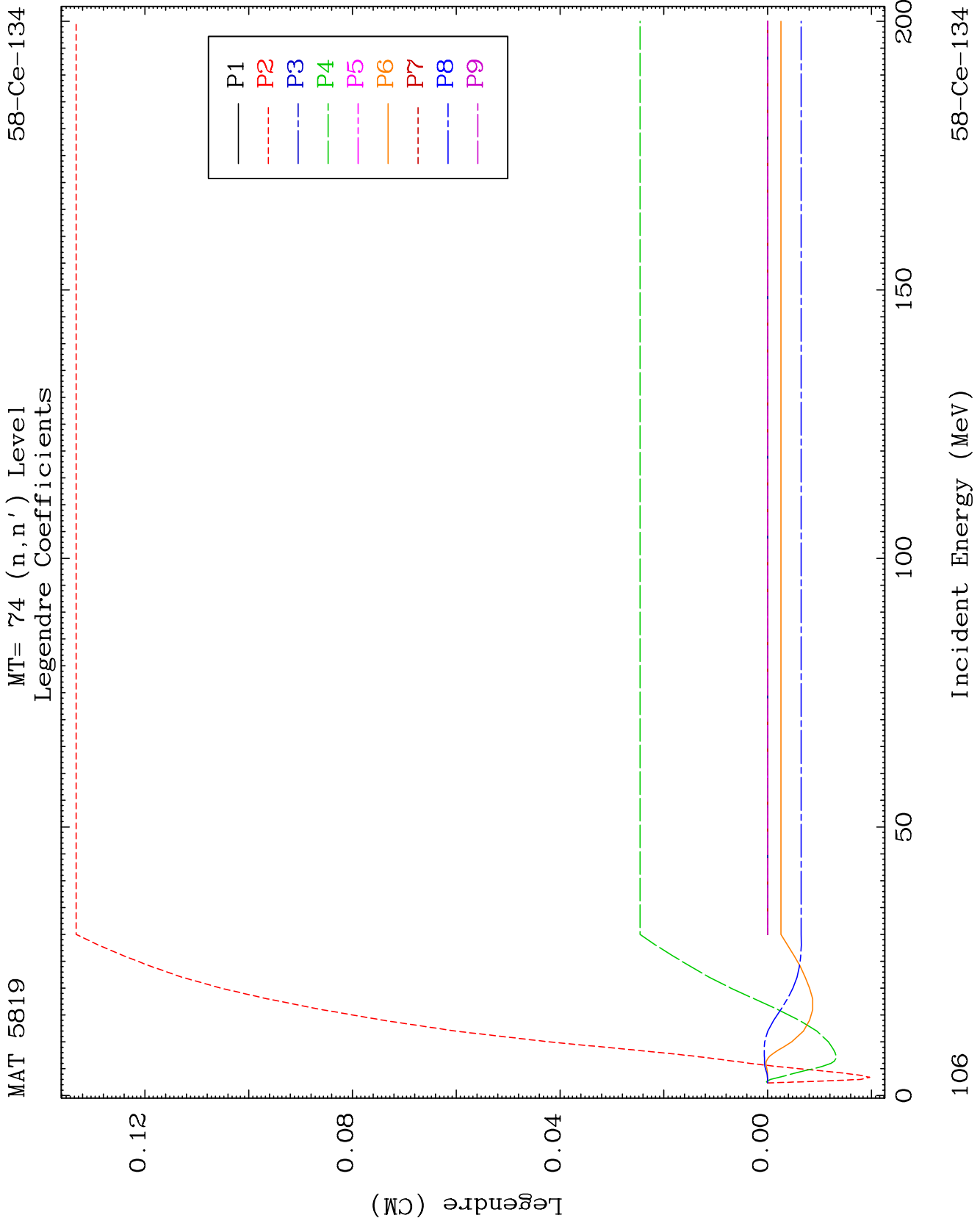


MAT 5819

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

58-Ce-134

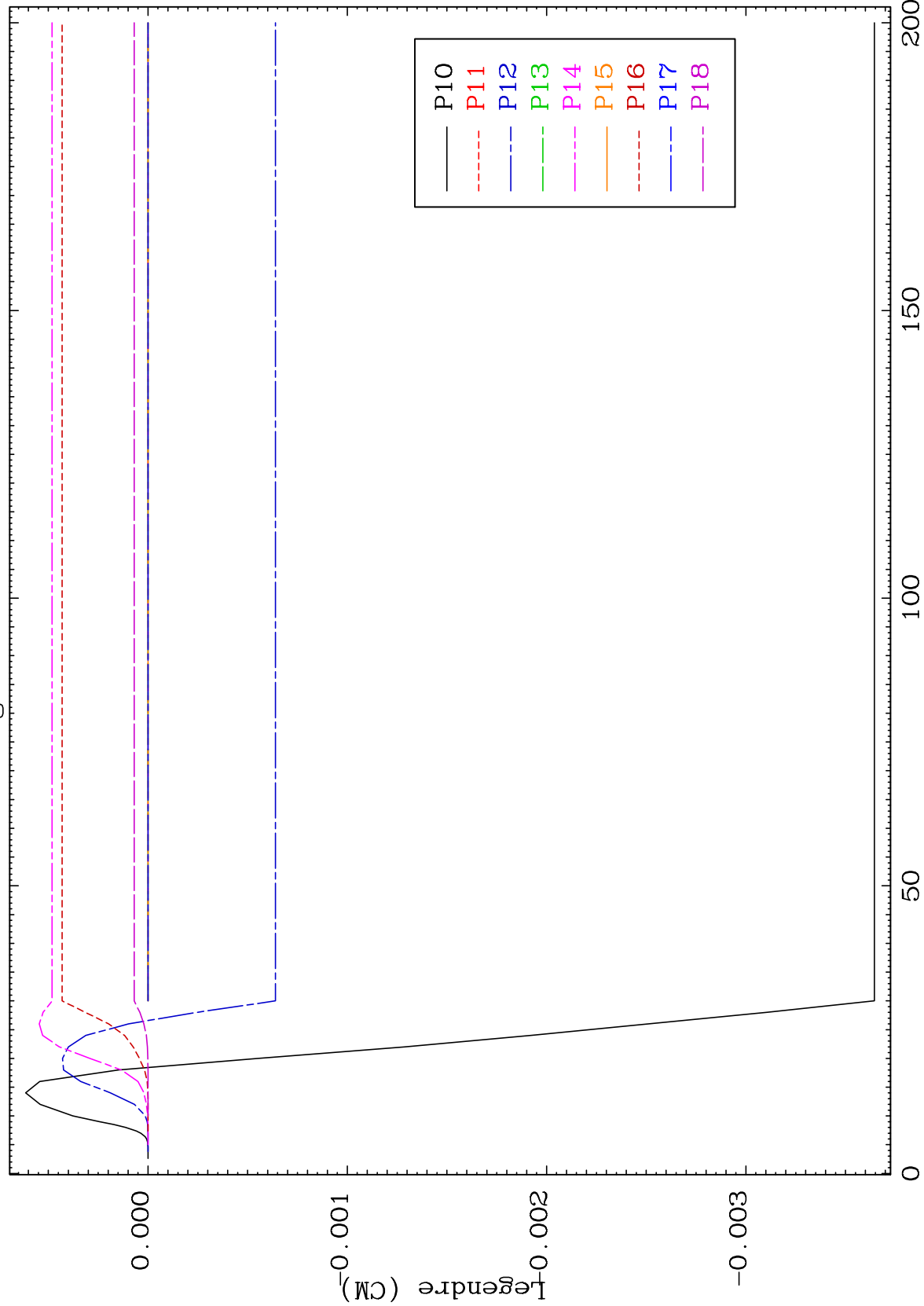




MAT 5819

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

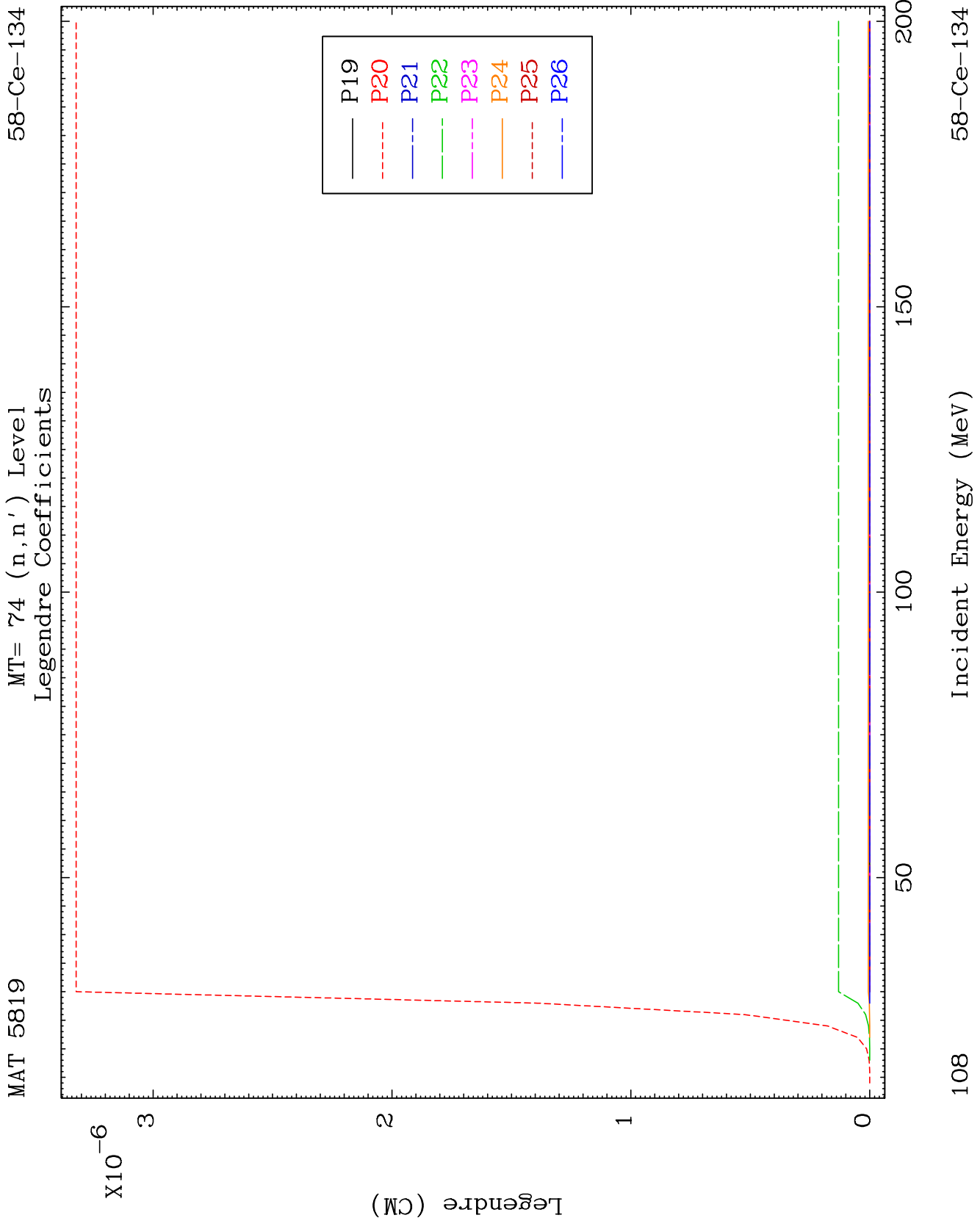
58-Ce-134



107

Incident Energy (MeV)

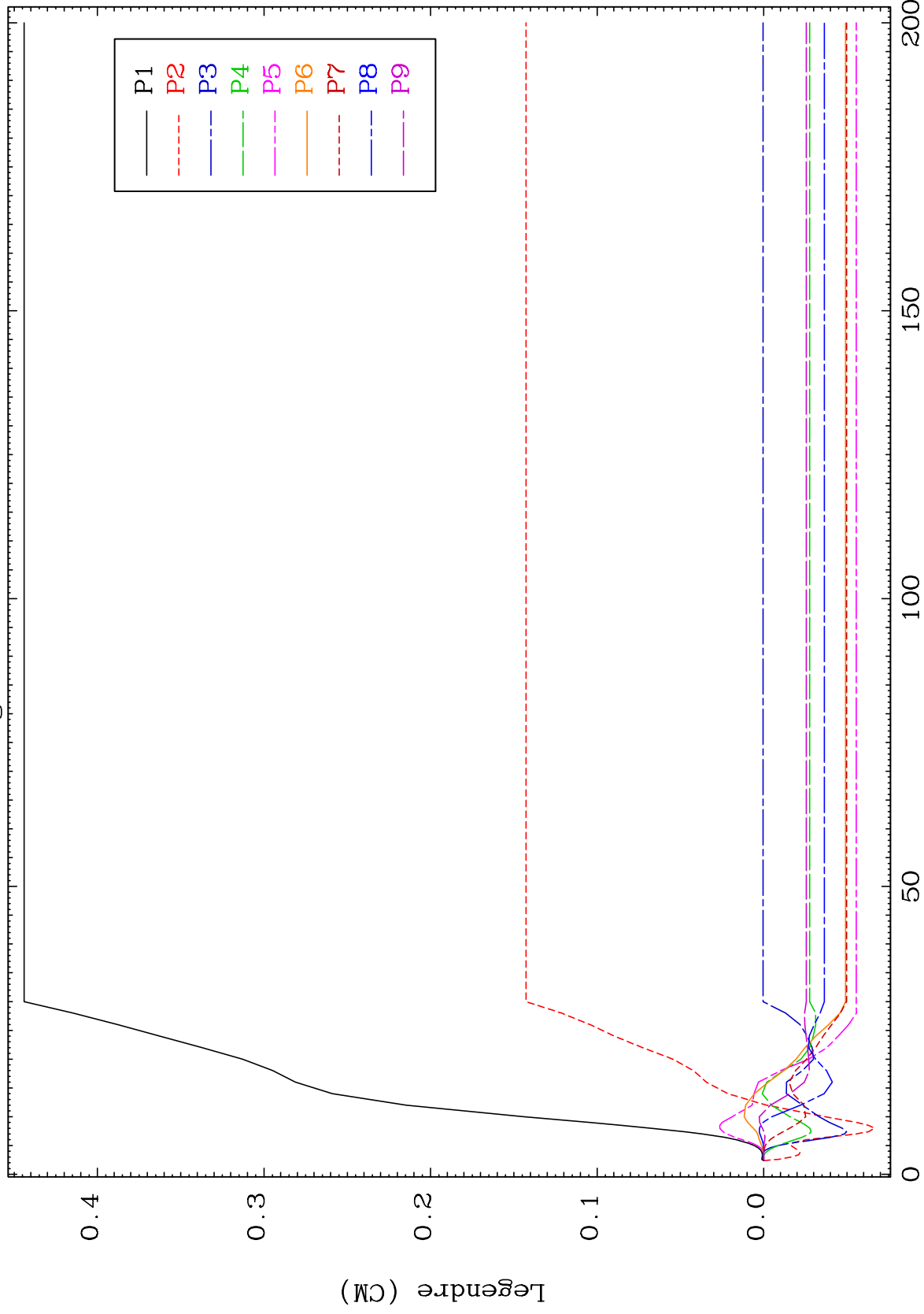
58-Ce-134



MAT 5819

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

58-Ce-134



58-Ce-134

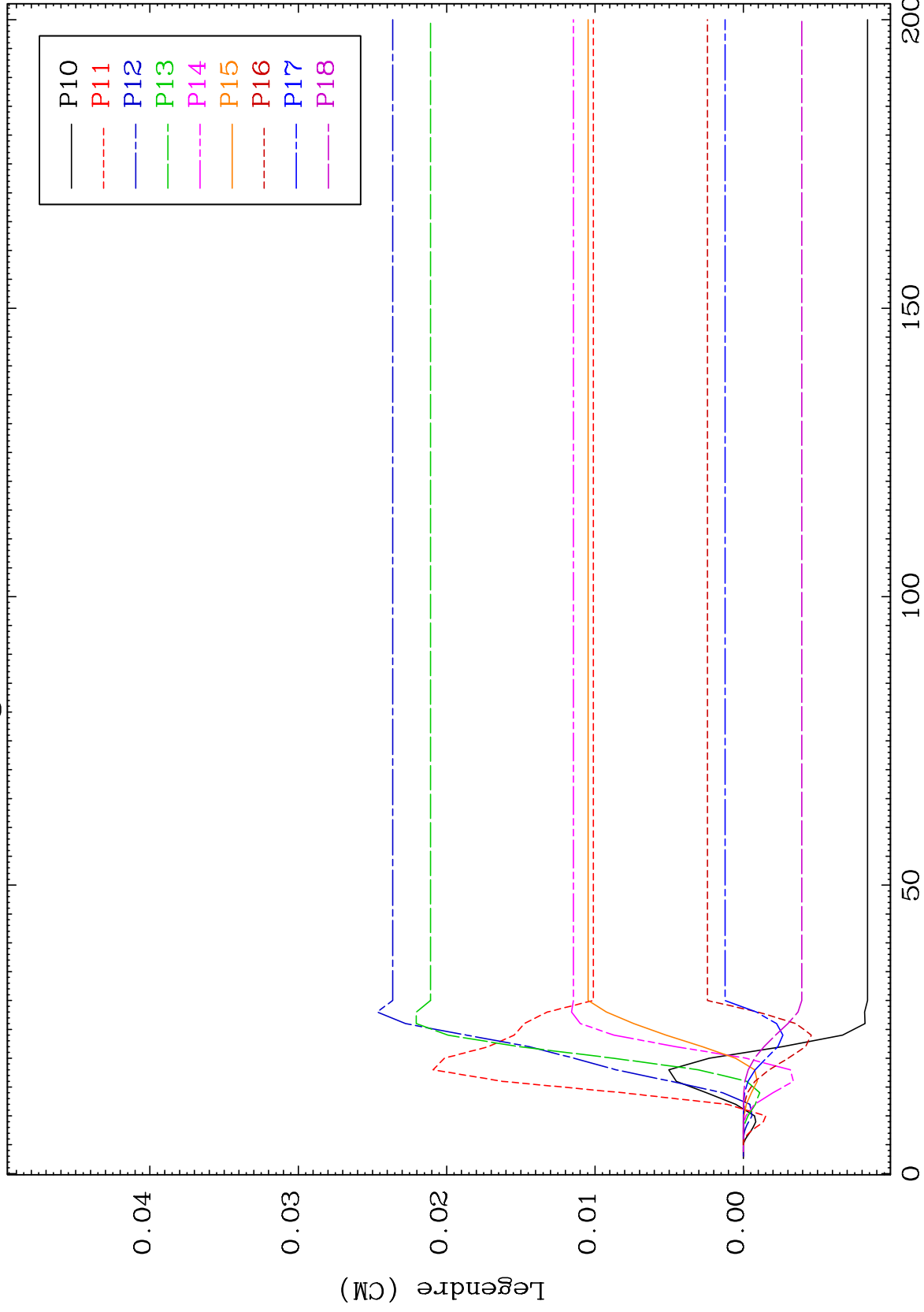
Incident Energy (MeV)

109

MAT 5819

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

58-Ce-134



110

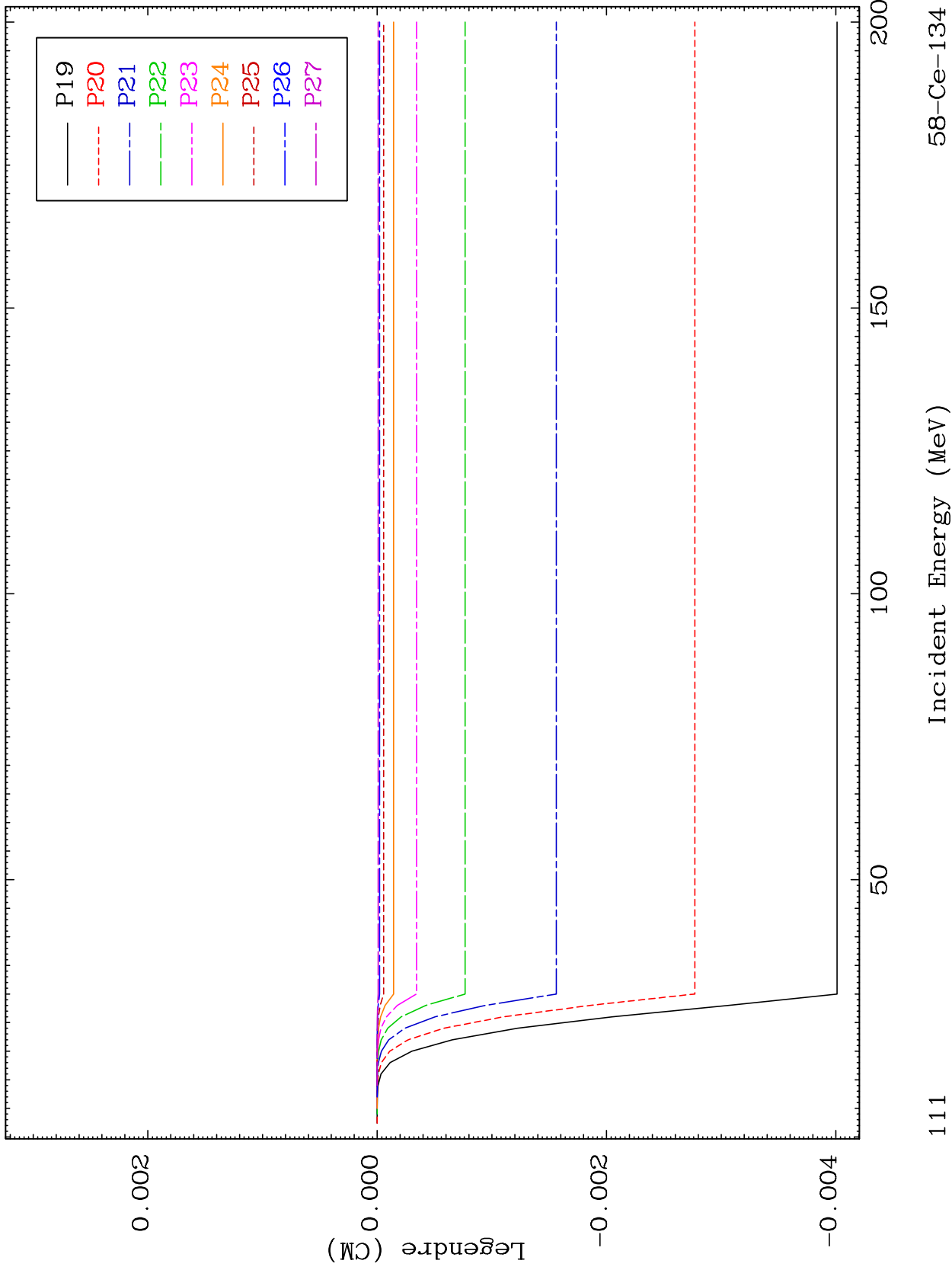
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

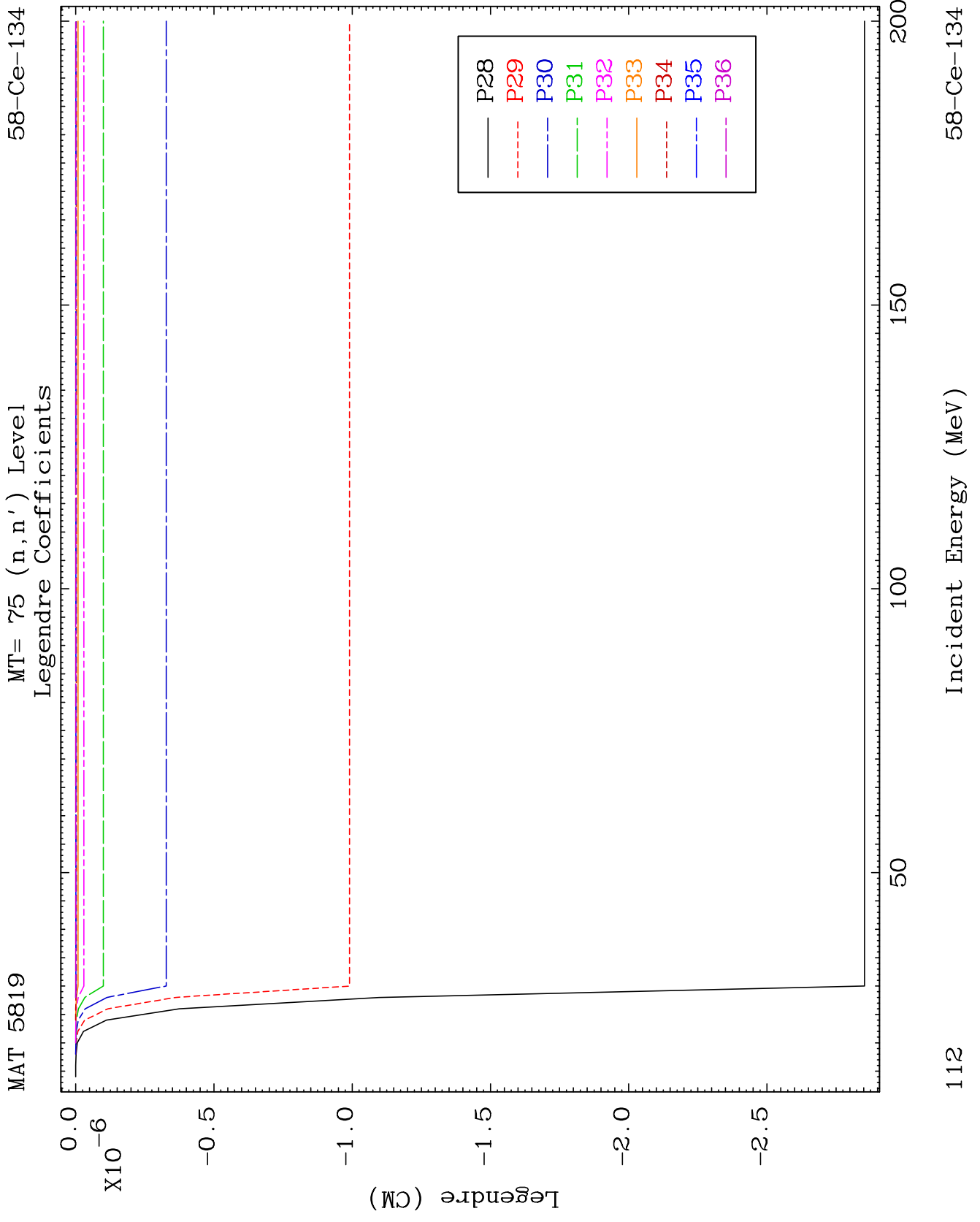
58-Ce-134



111

Incident Energy (MeV)

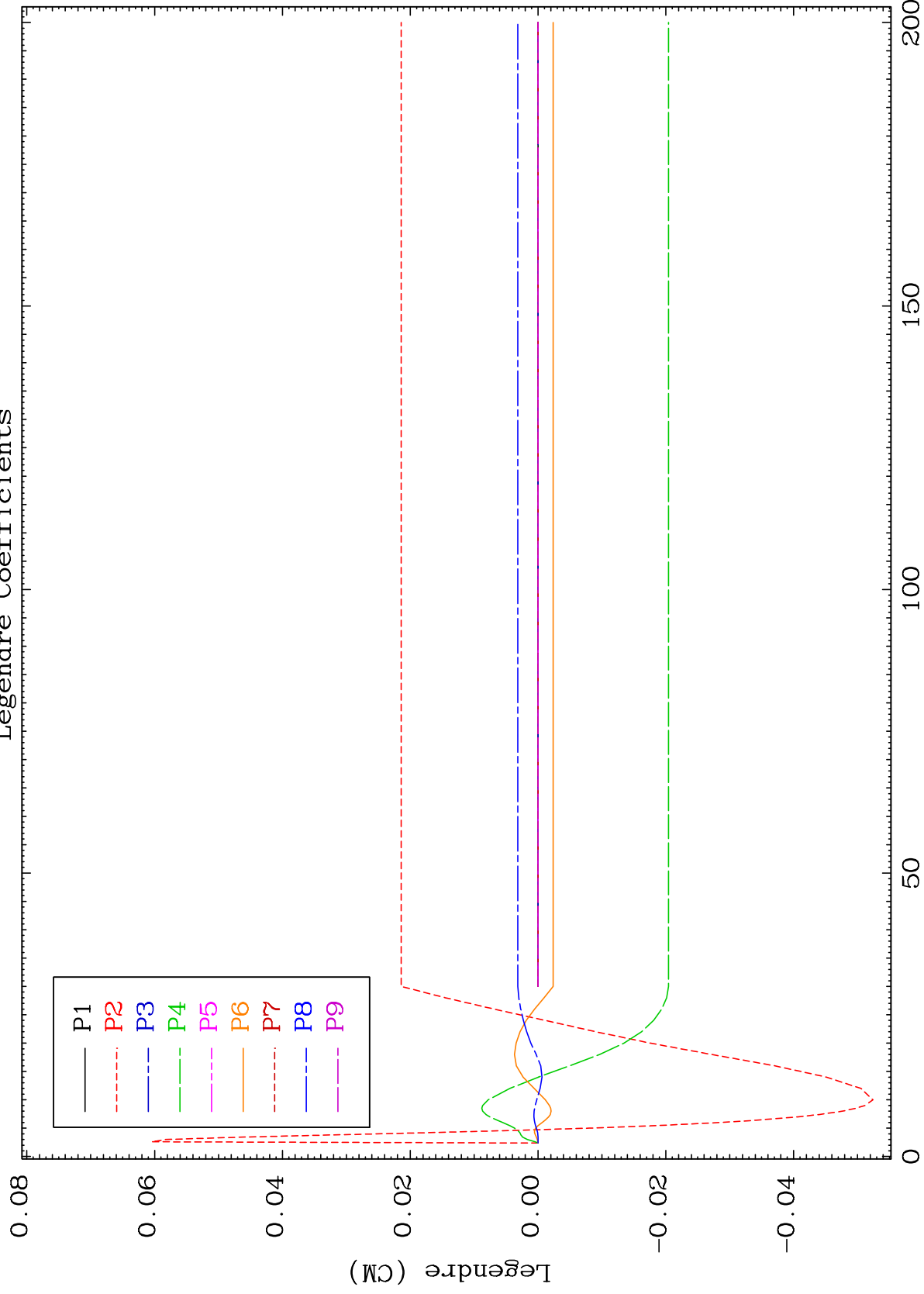
58-Ce-134



MAT 5819

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

58-Ce-134



113

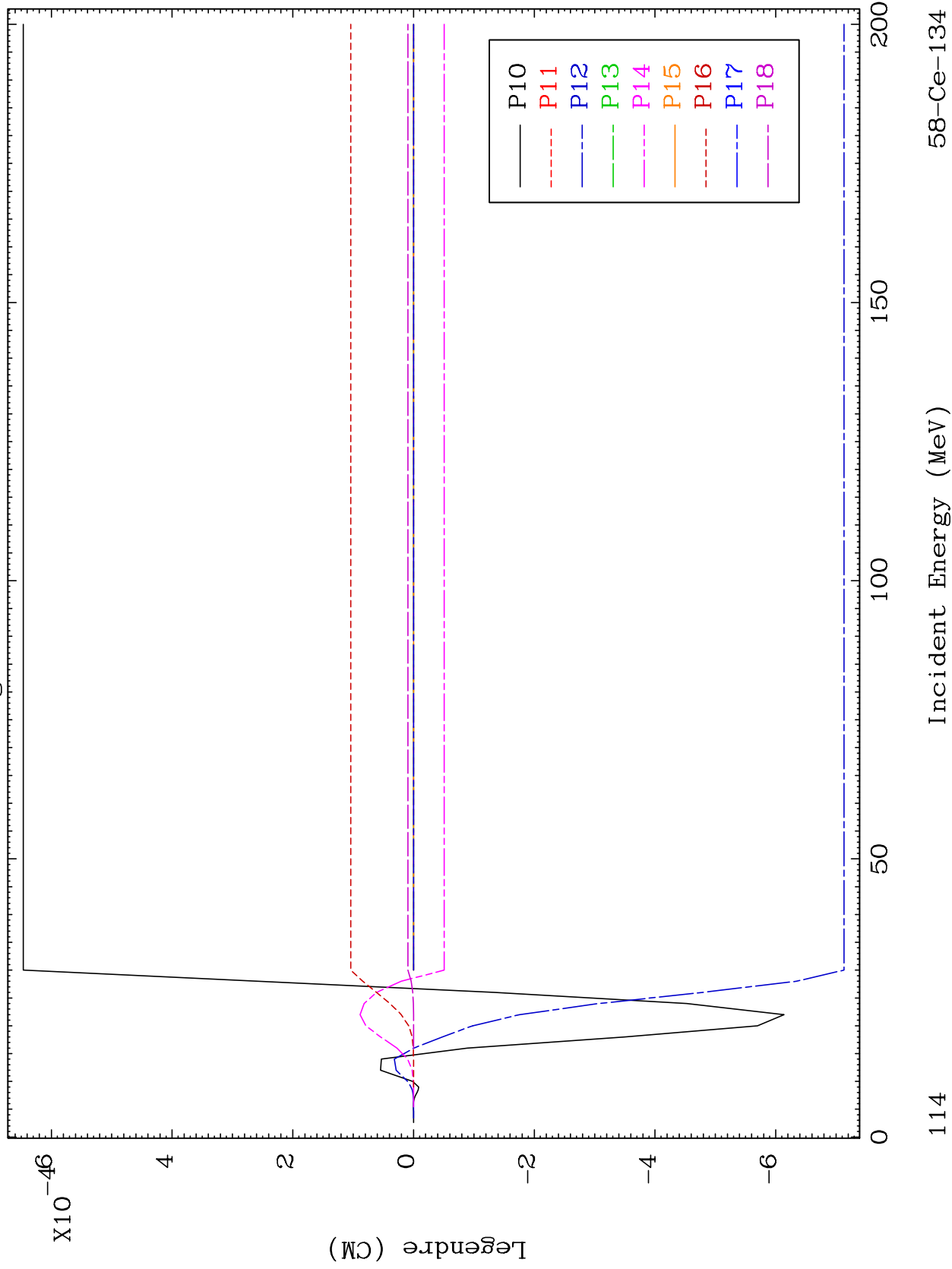
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

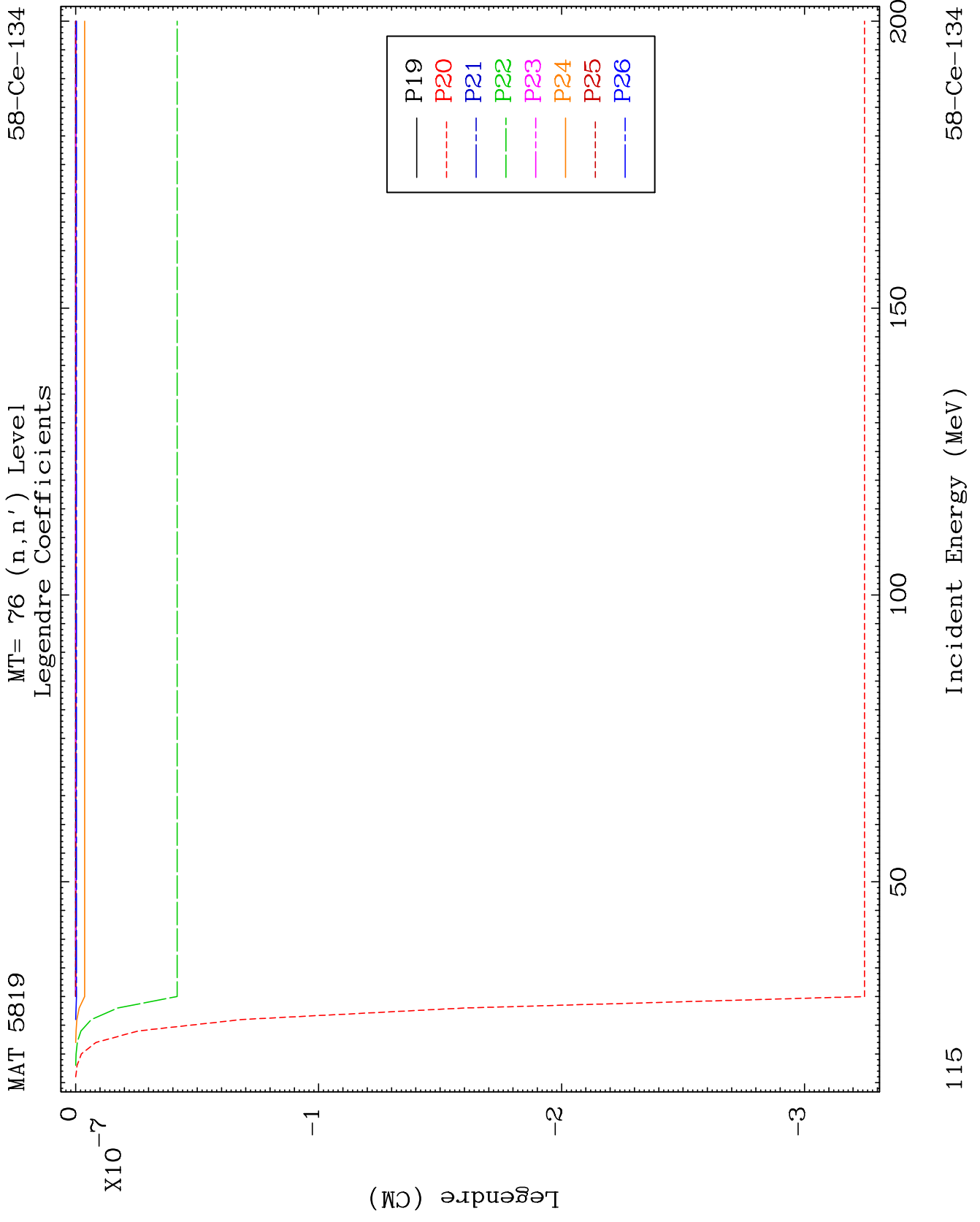
58-Ce-134



114

Incident Energy (MeV)

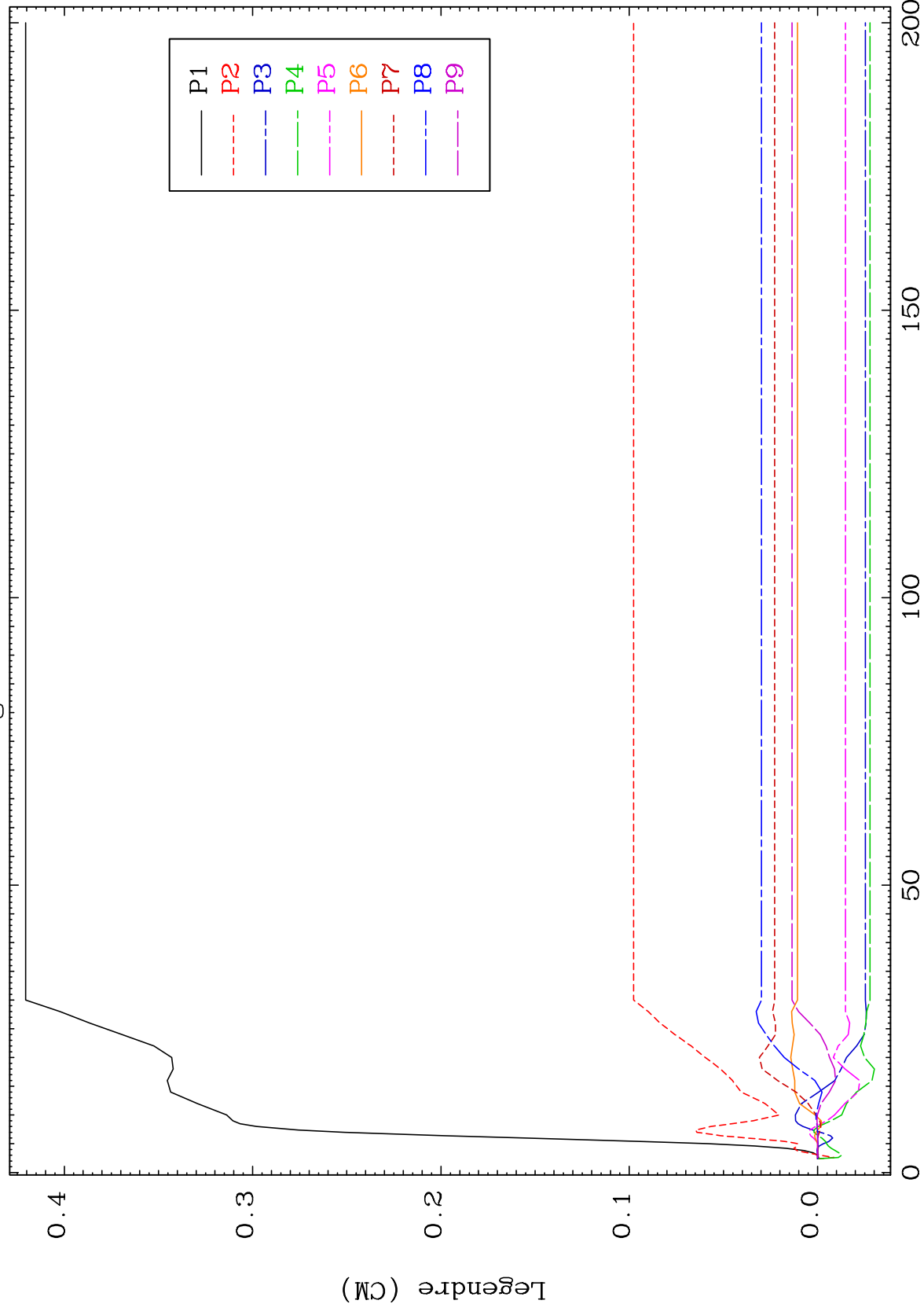
58-Ce-134



MAT 5819

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

58-Ce-134



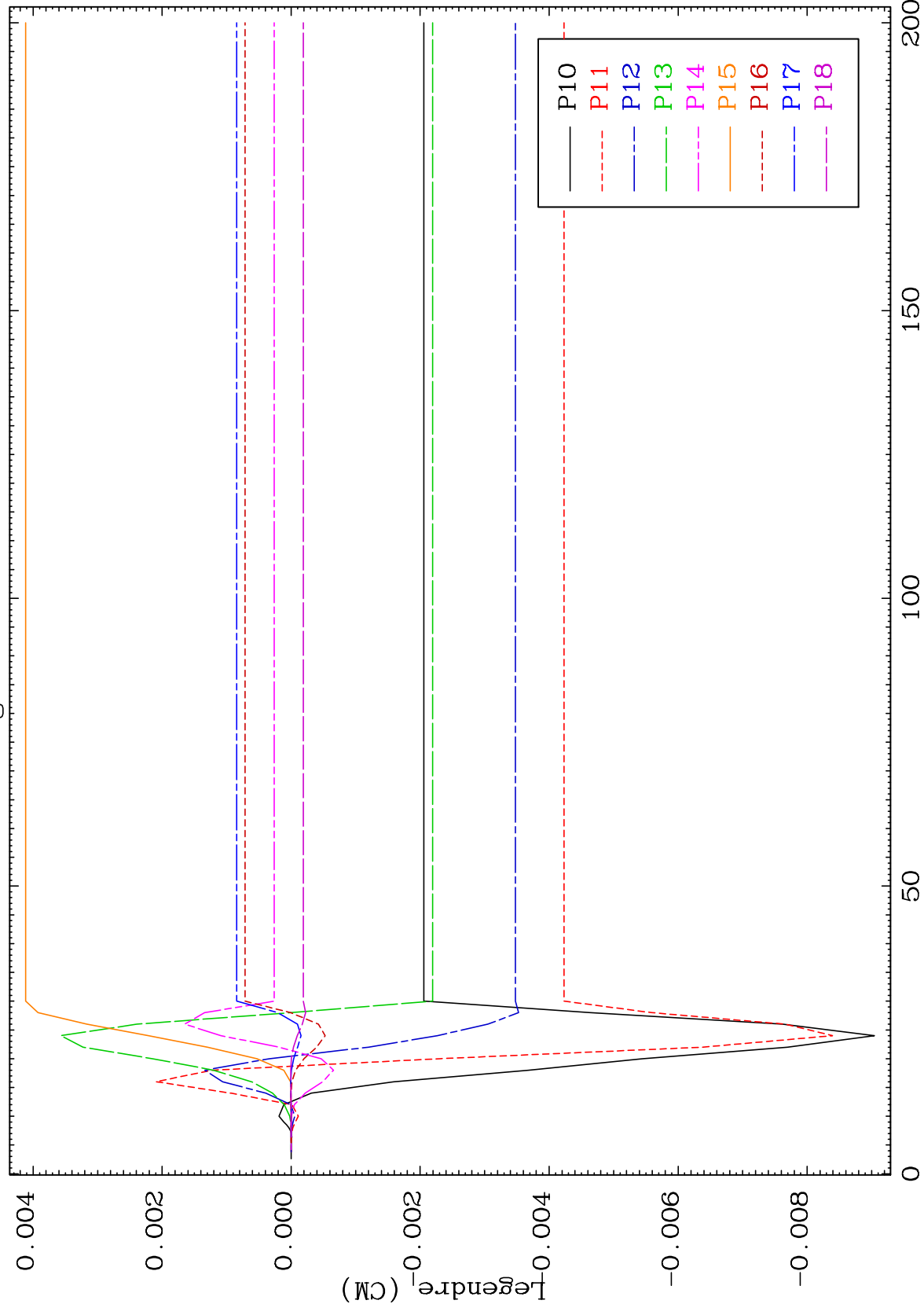
116

58-Ce-134

MAT 5819

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

58-Ce-134



117

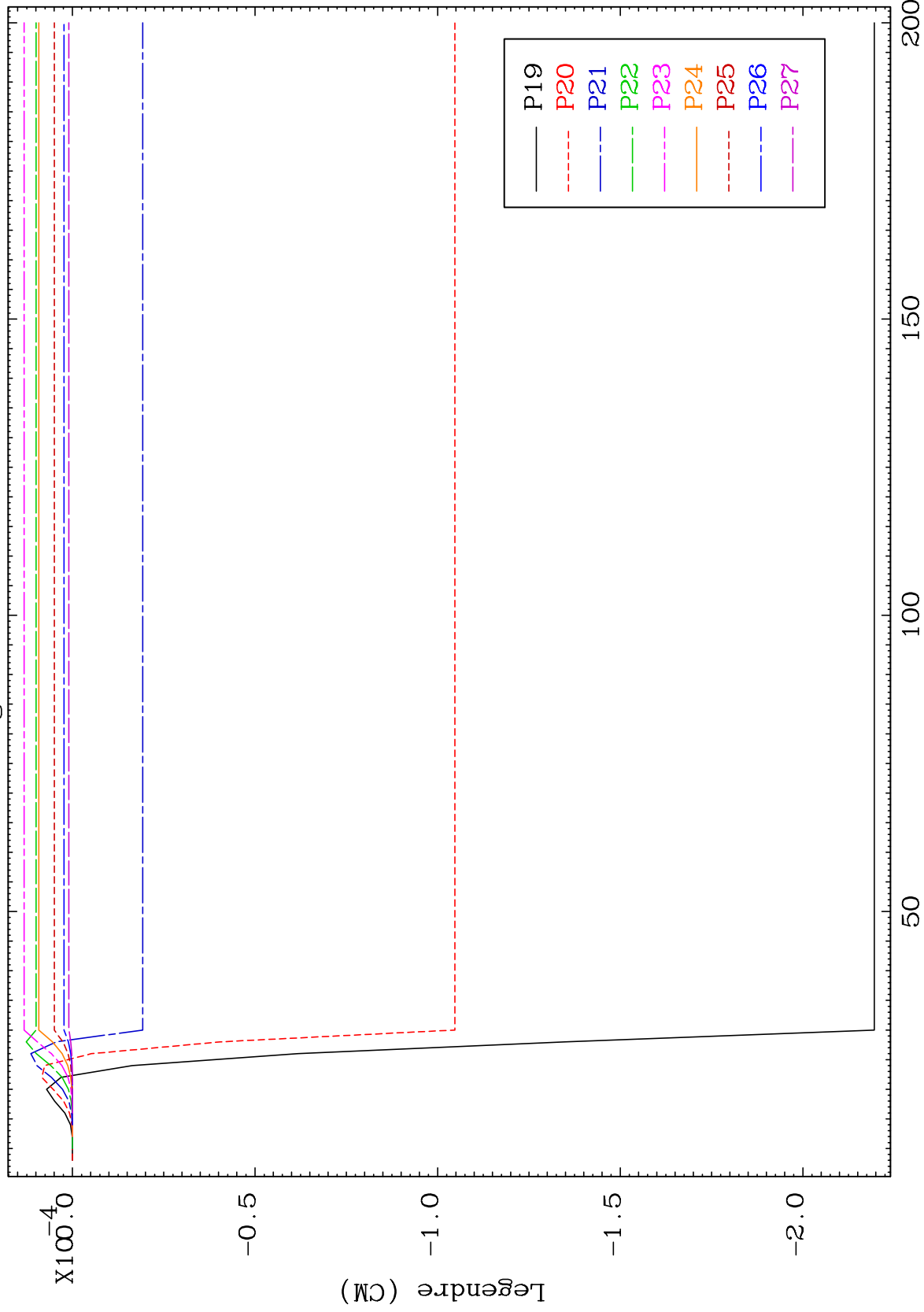
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



118

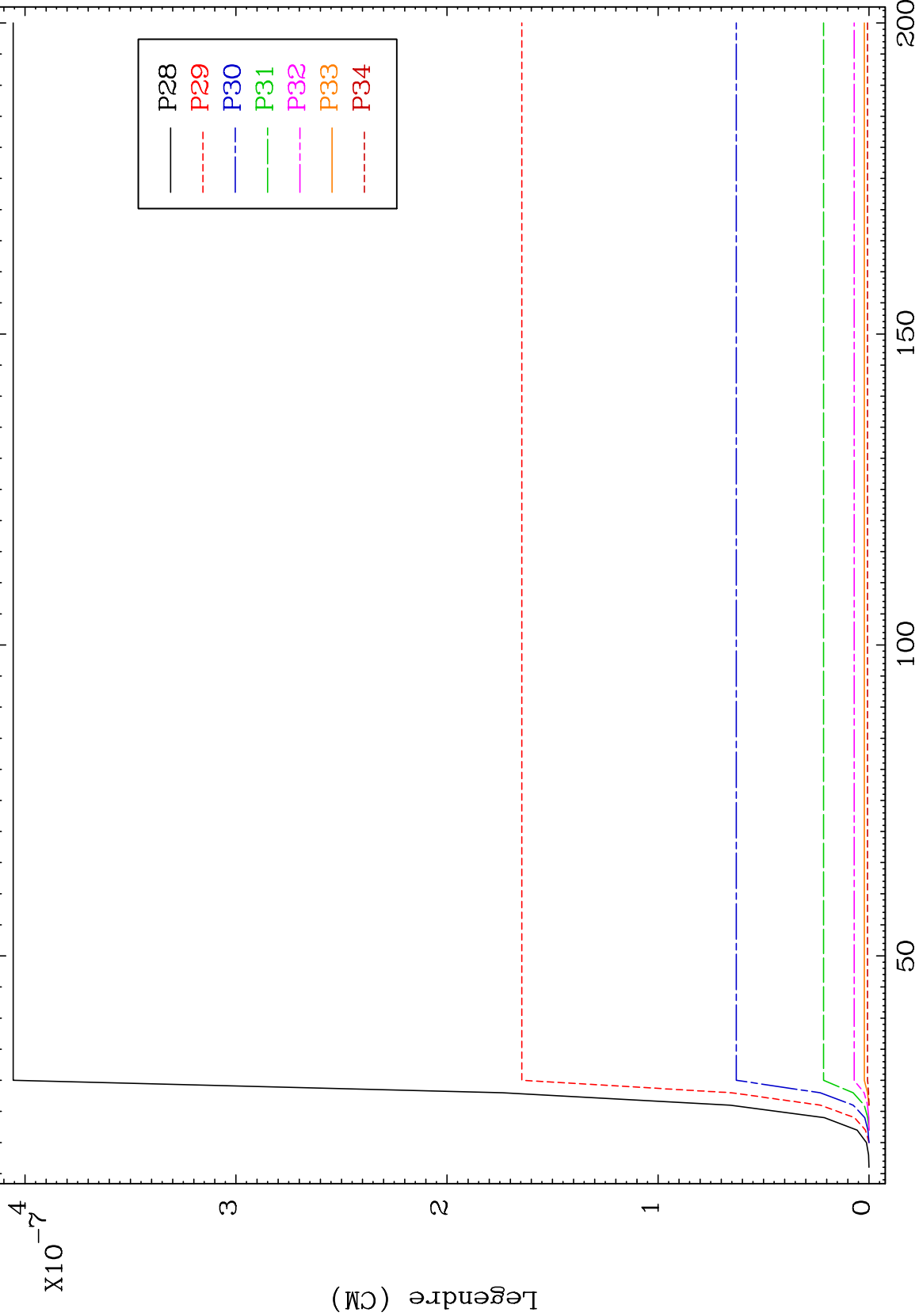
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



119

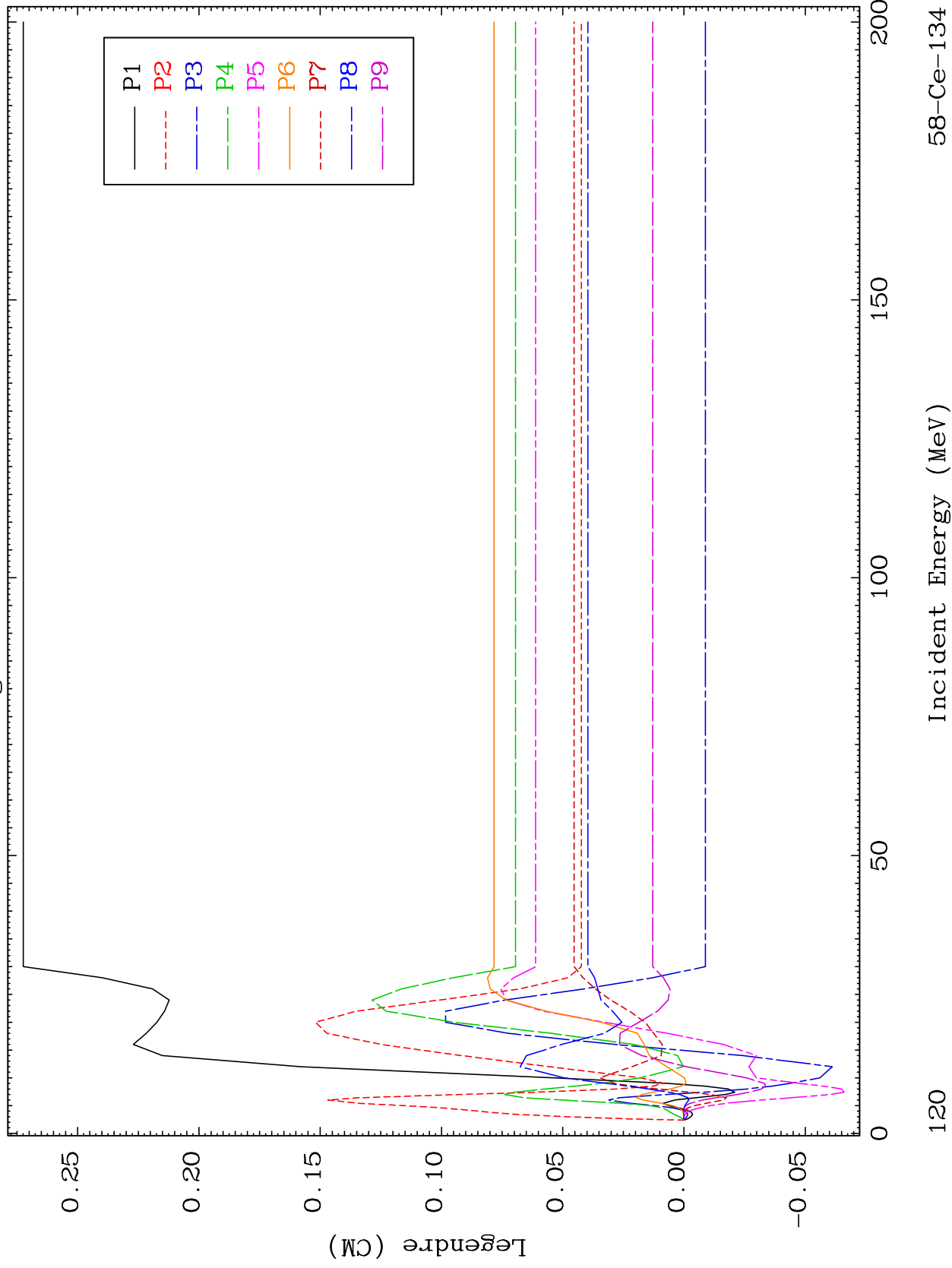
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

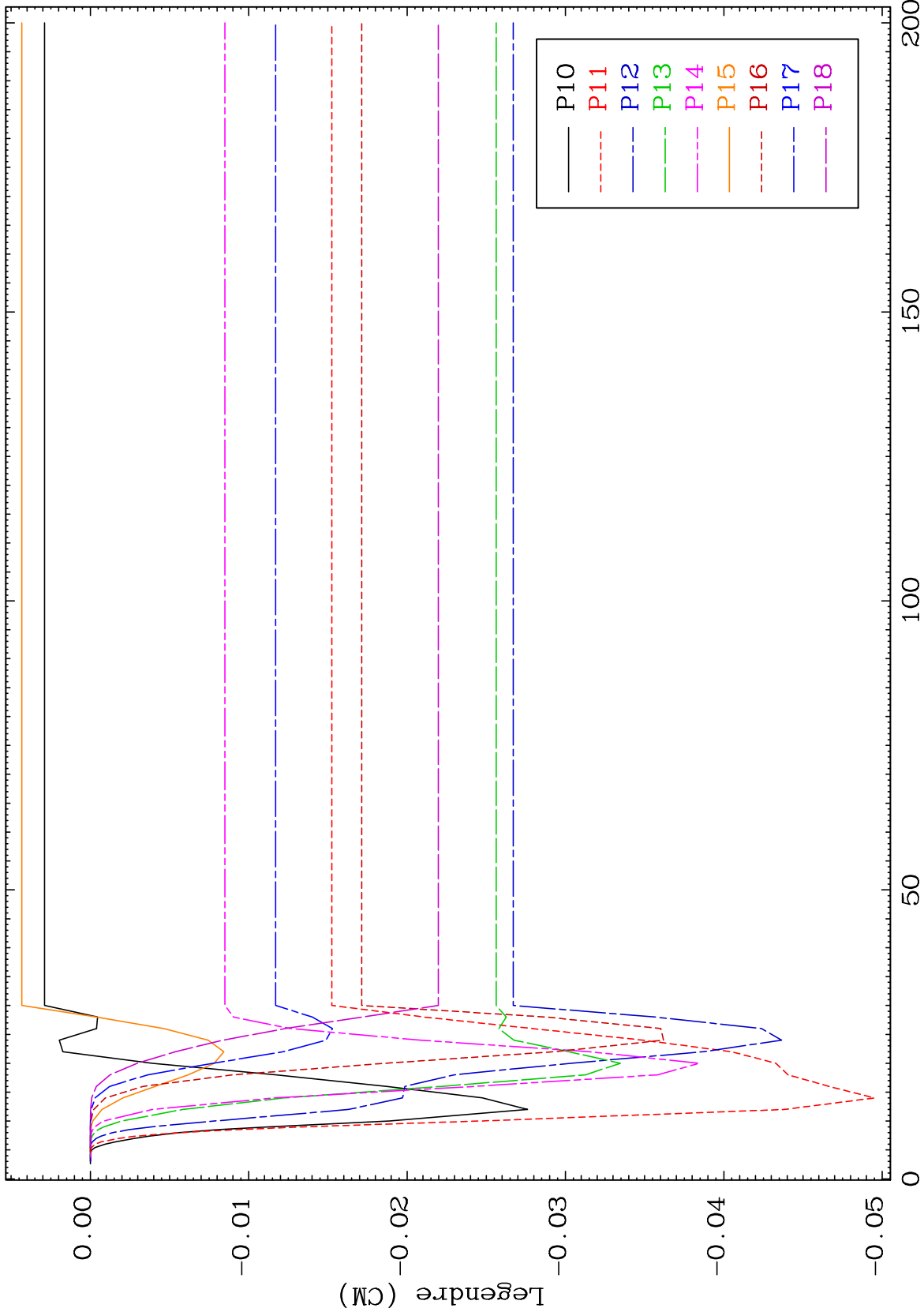
58-Ce-134



MAT 5819

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

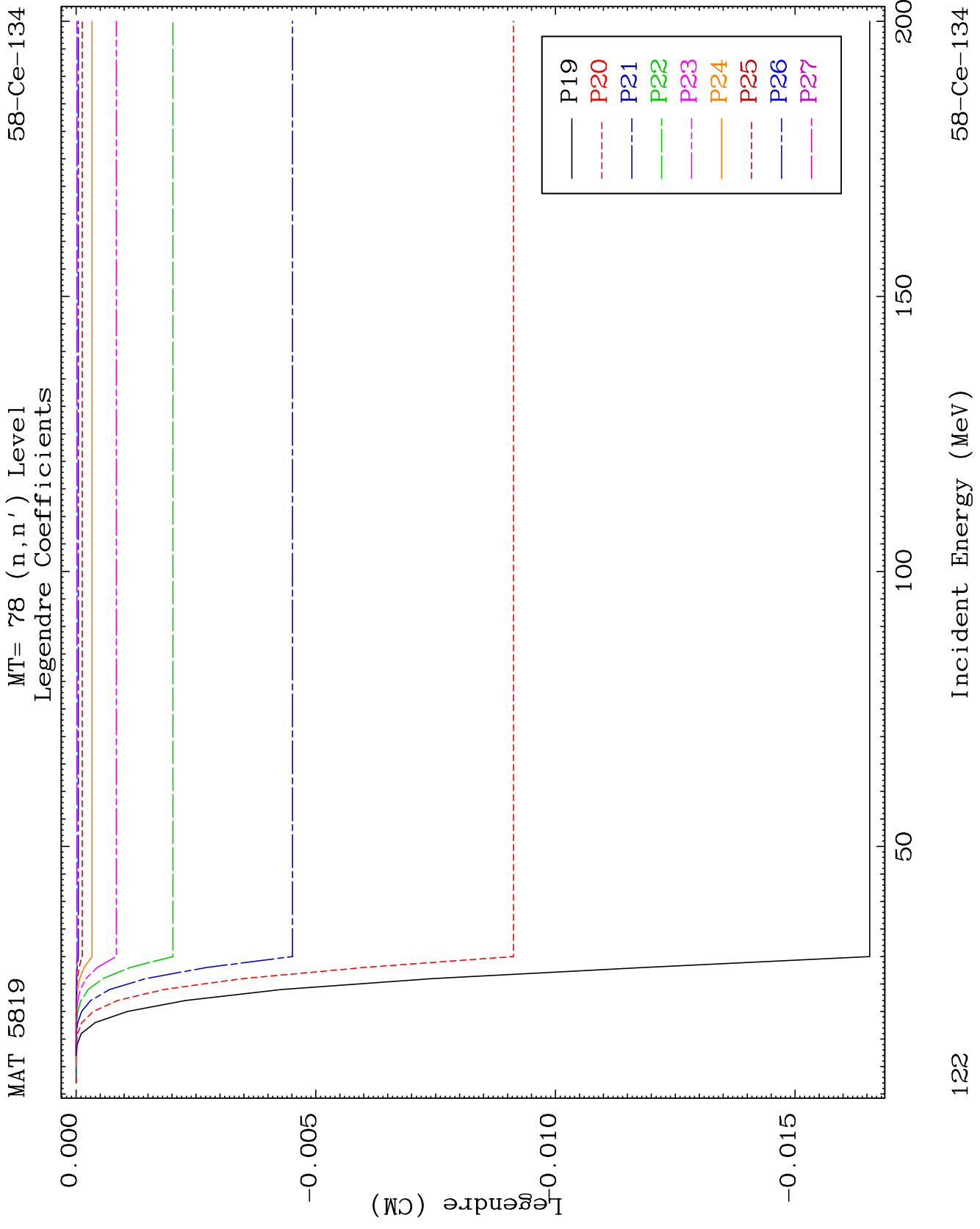
58-Ce-134

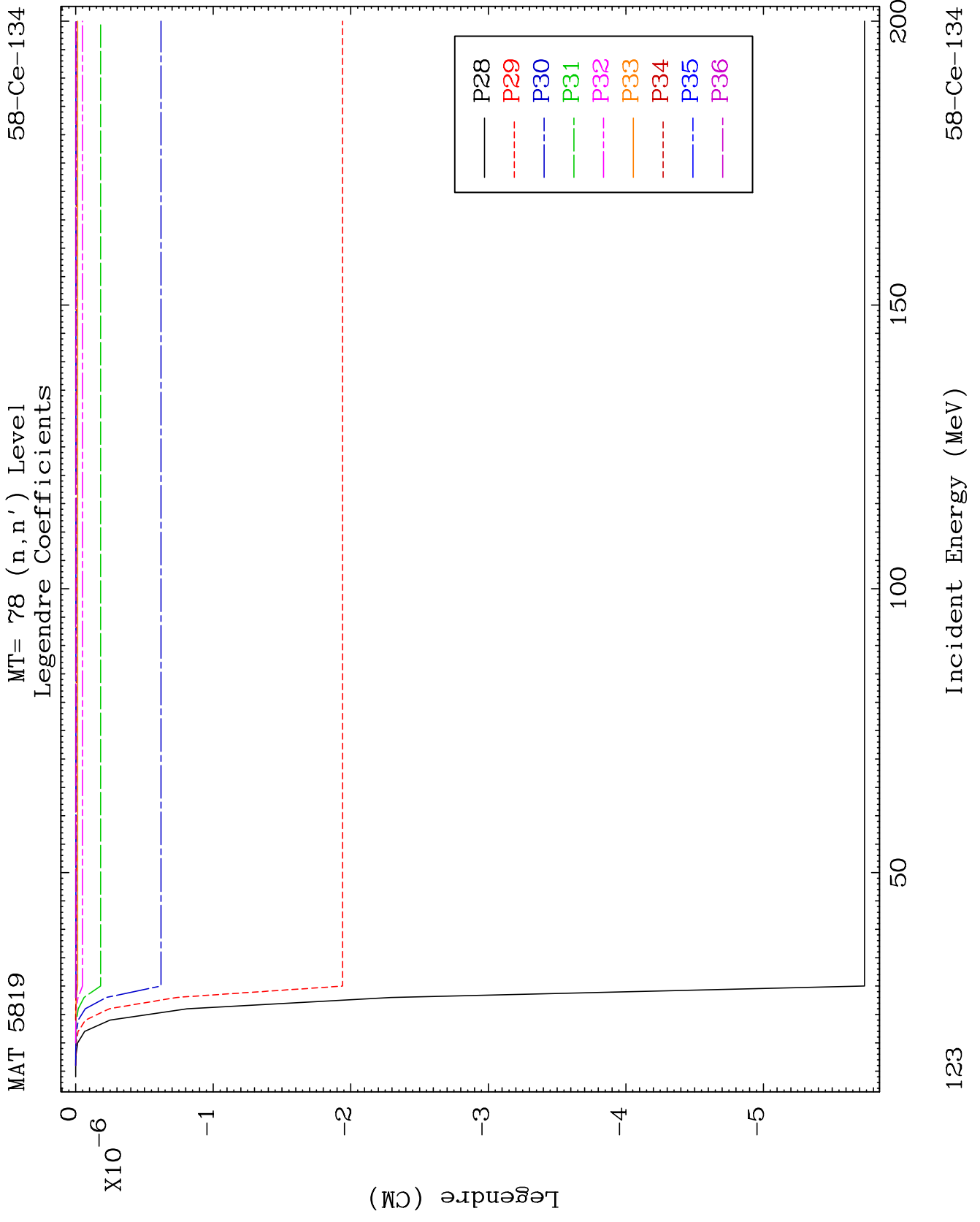


121

Incident Energy (MeV)

58-Ce-134

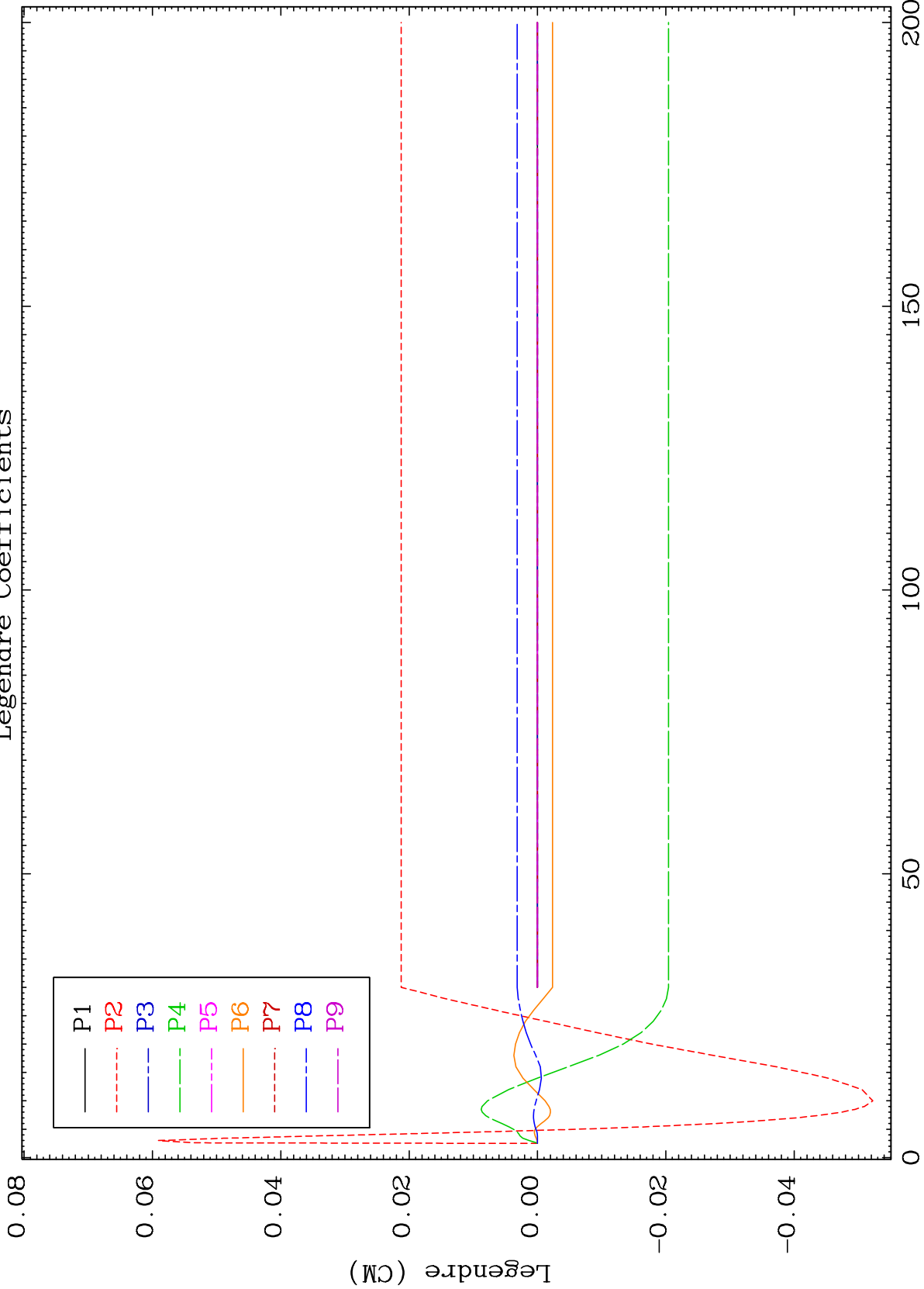




MAT 5819

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

58-Ce-134



124

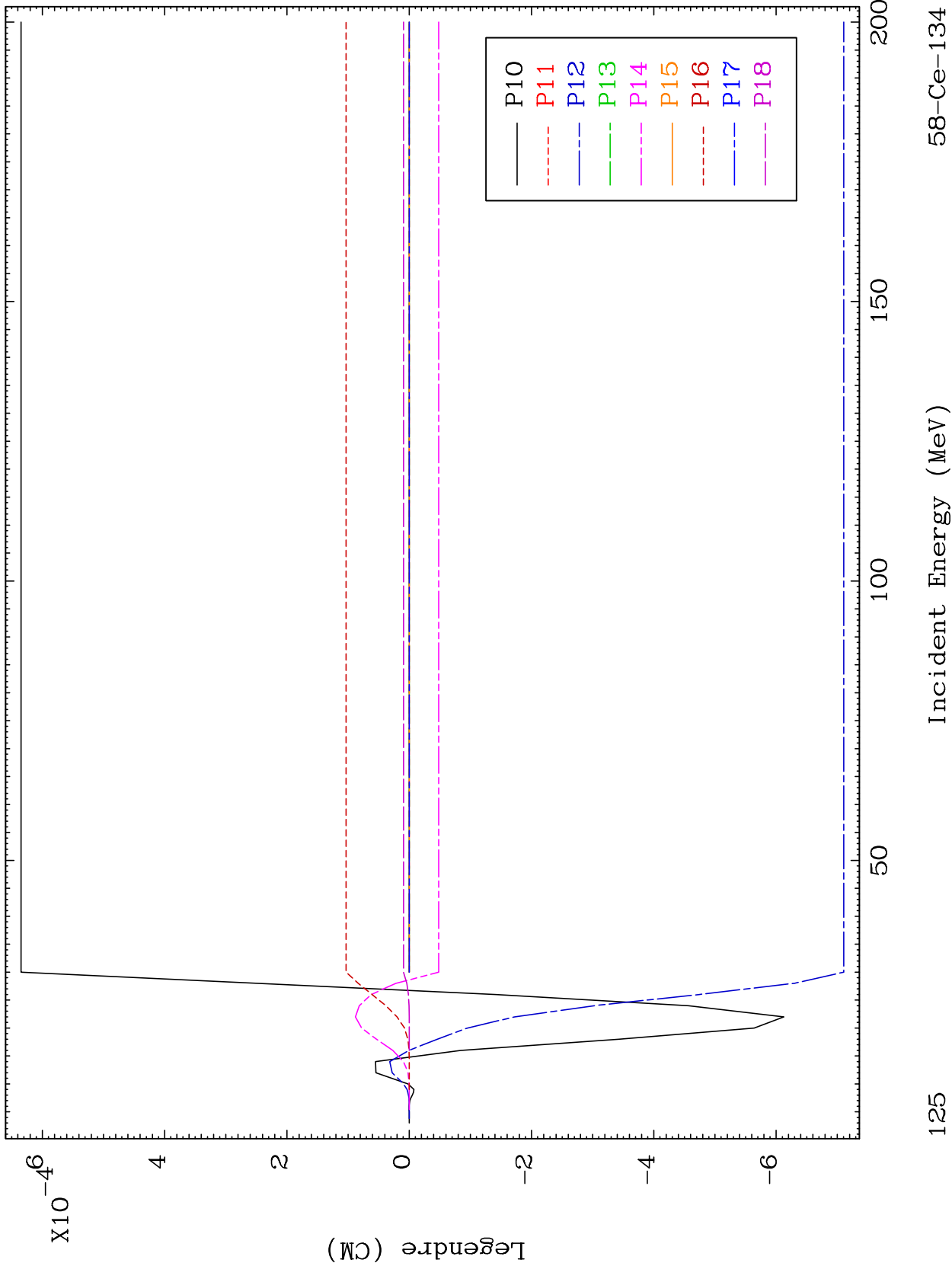
Incident Energy (MeV)

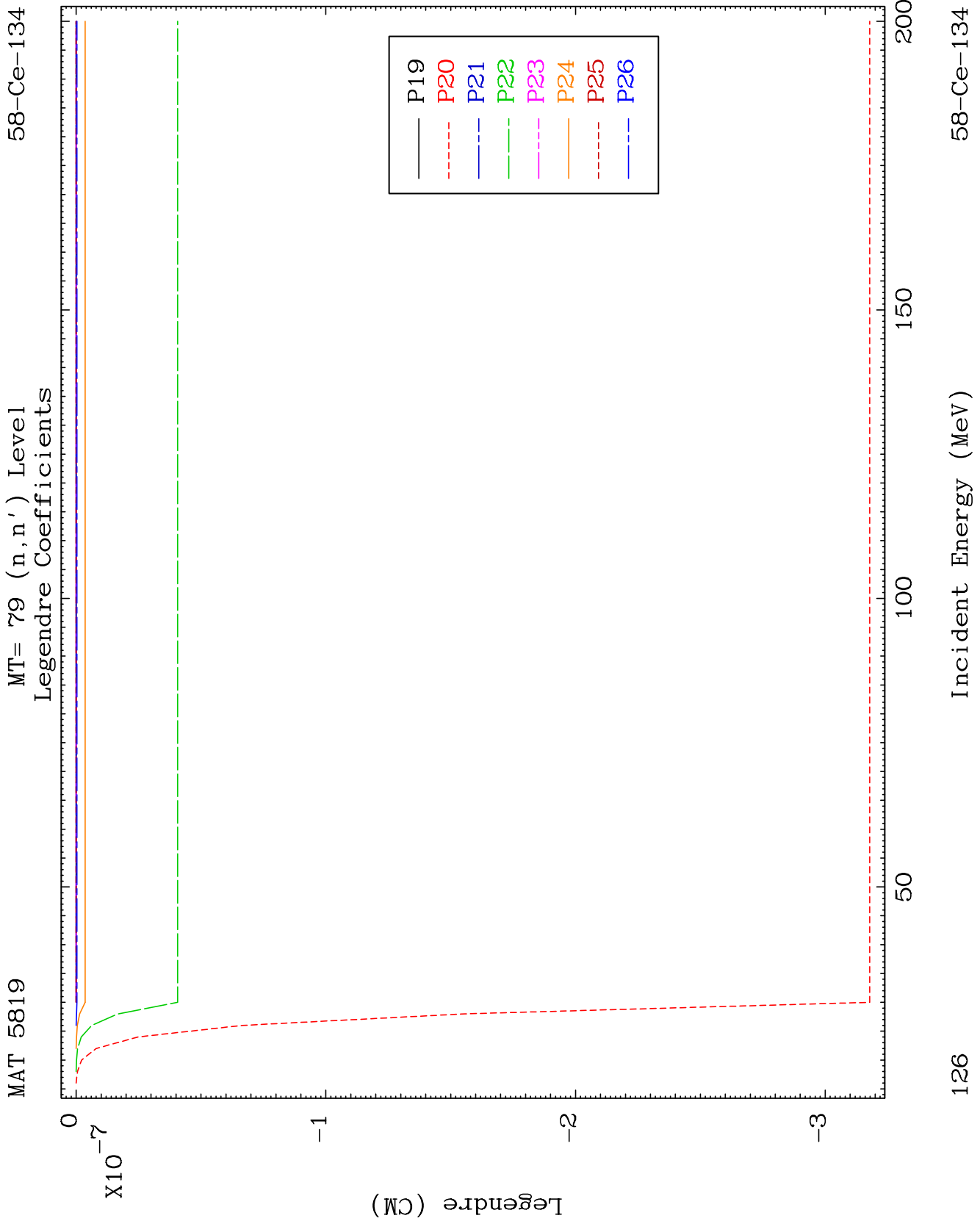
58-Ce-134

MAT 5819

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

58-Ce-134

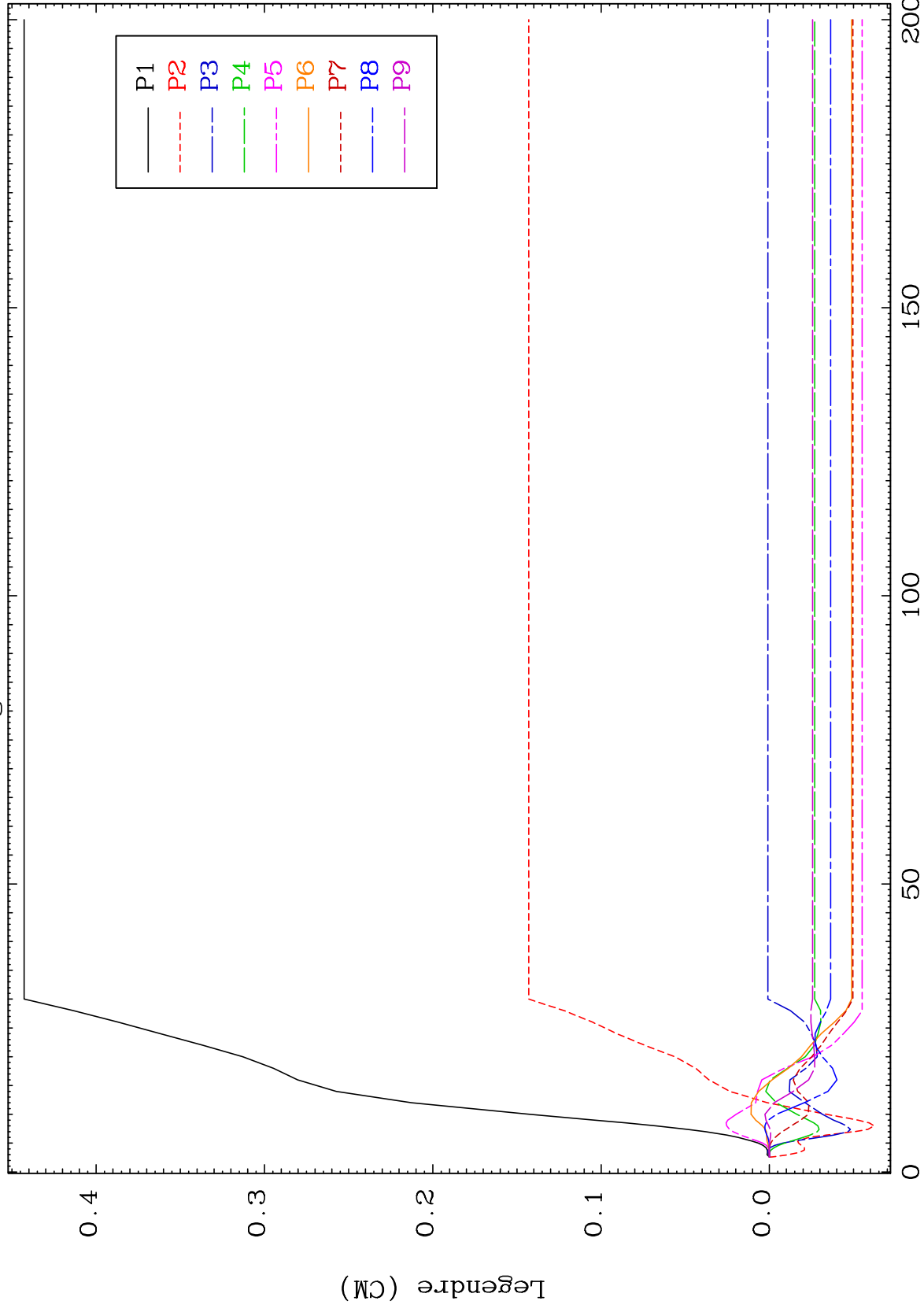




MAT 5819

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

58-Ce-134



127

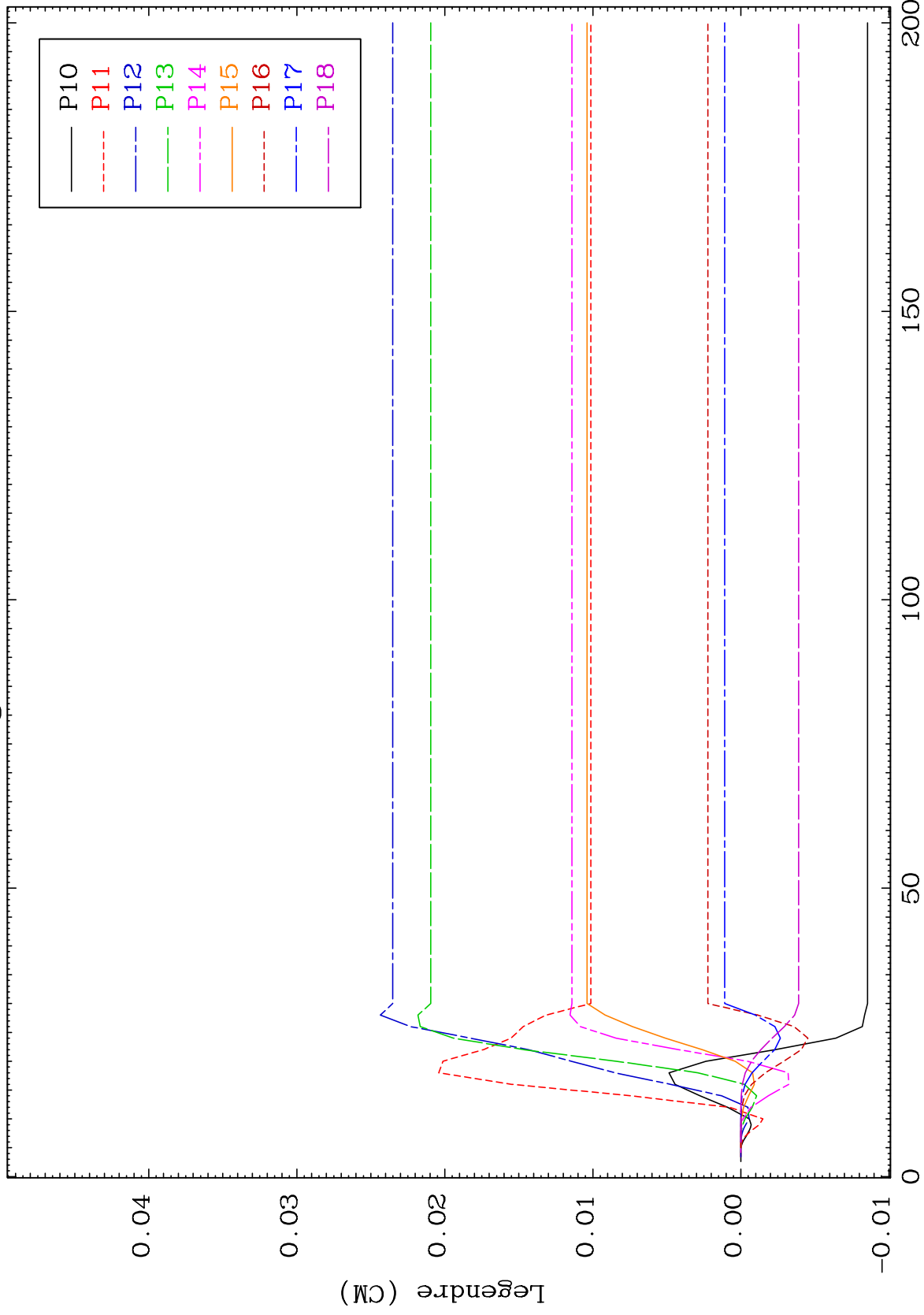
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

58-Ce-134



128

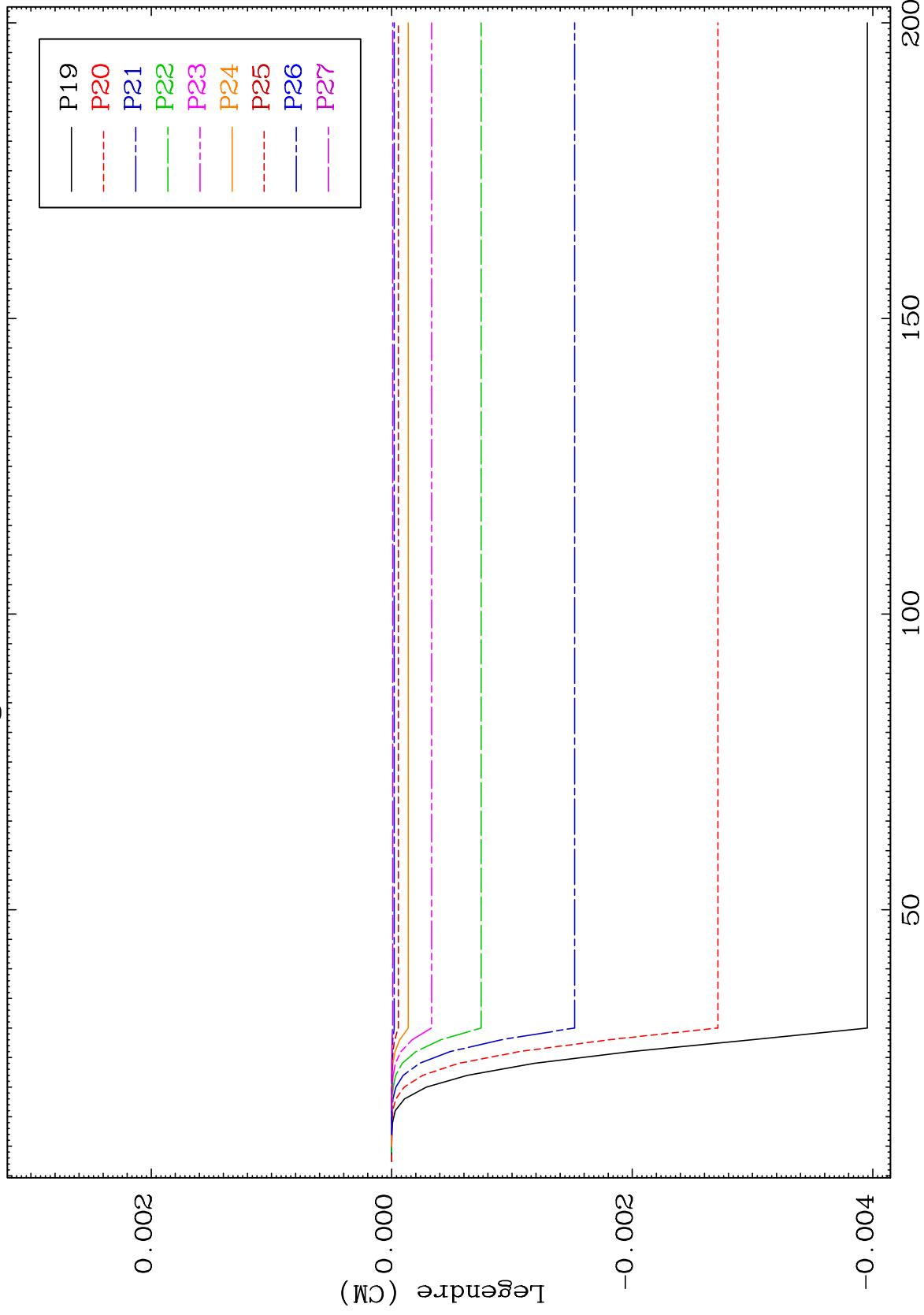
Incident Energy (MeV)

58-Ce-134

MAT 5819

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

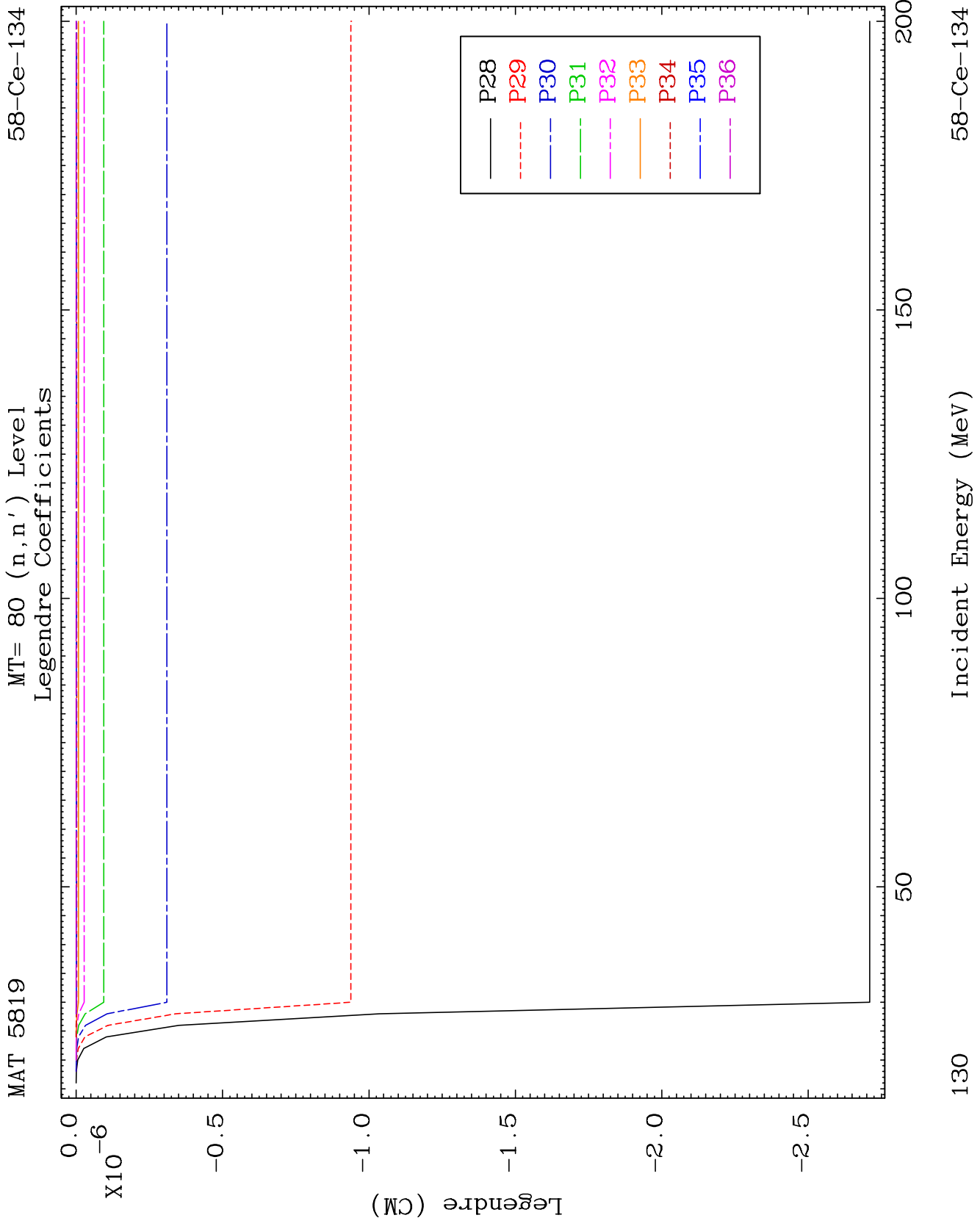
58-Ce-134



129

Incident Energy (MeV)

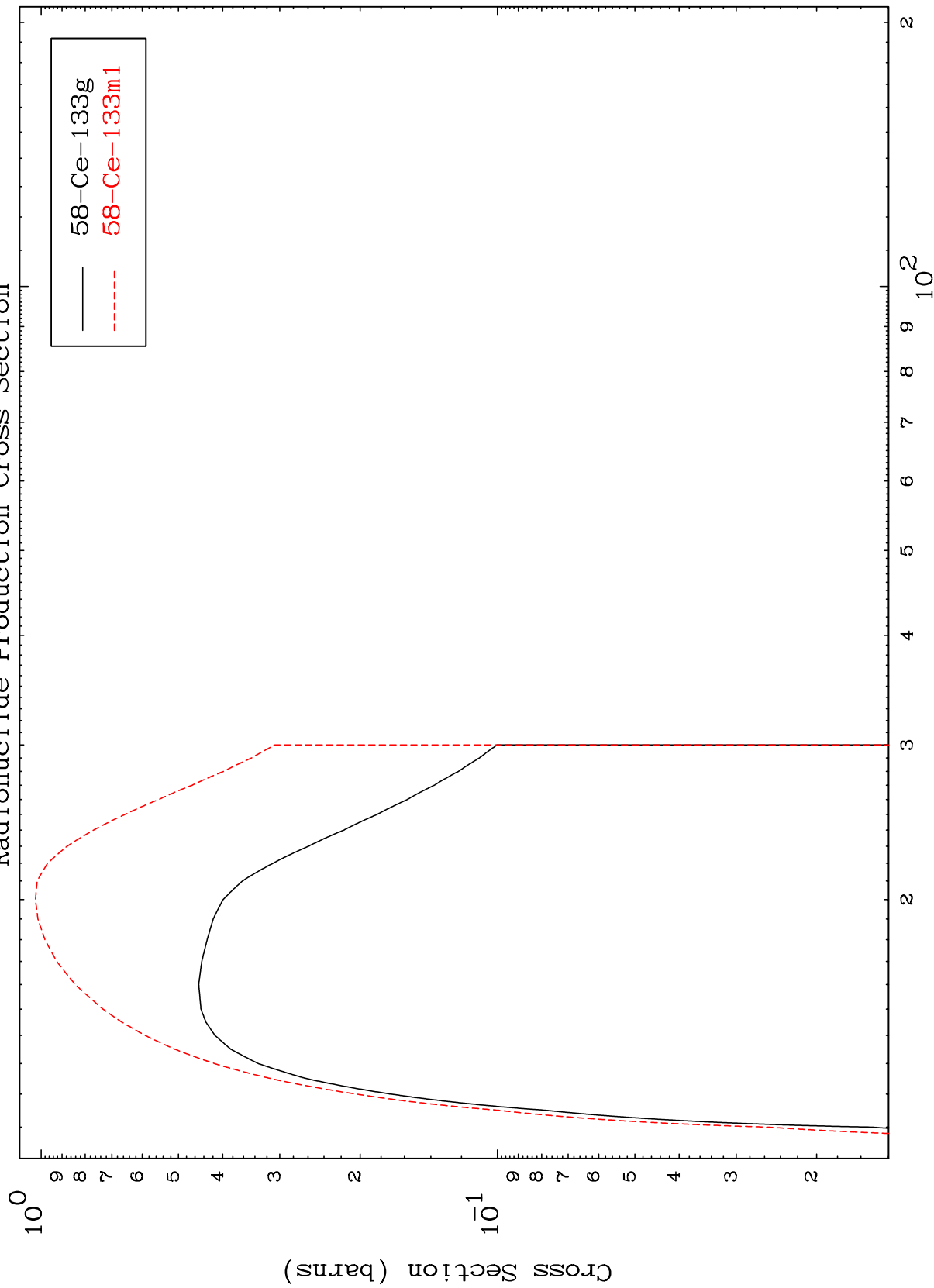
58-Ce-134



MAT 5819

58-Ce-134

(n,2n)
Radionuclide Production Cross Section



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

131

Incident Energy (MeV)

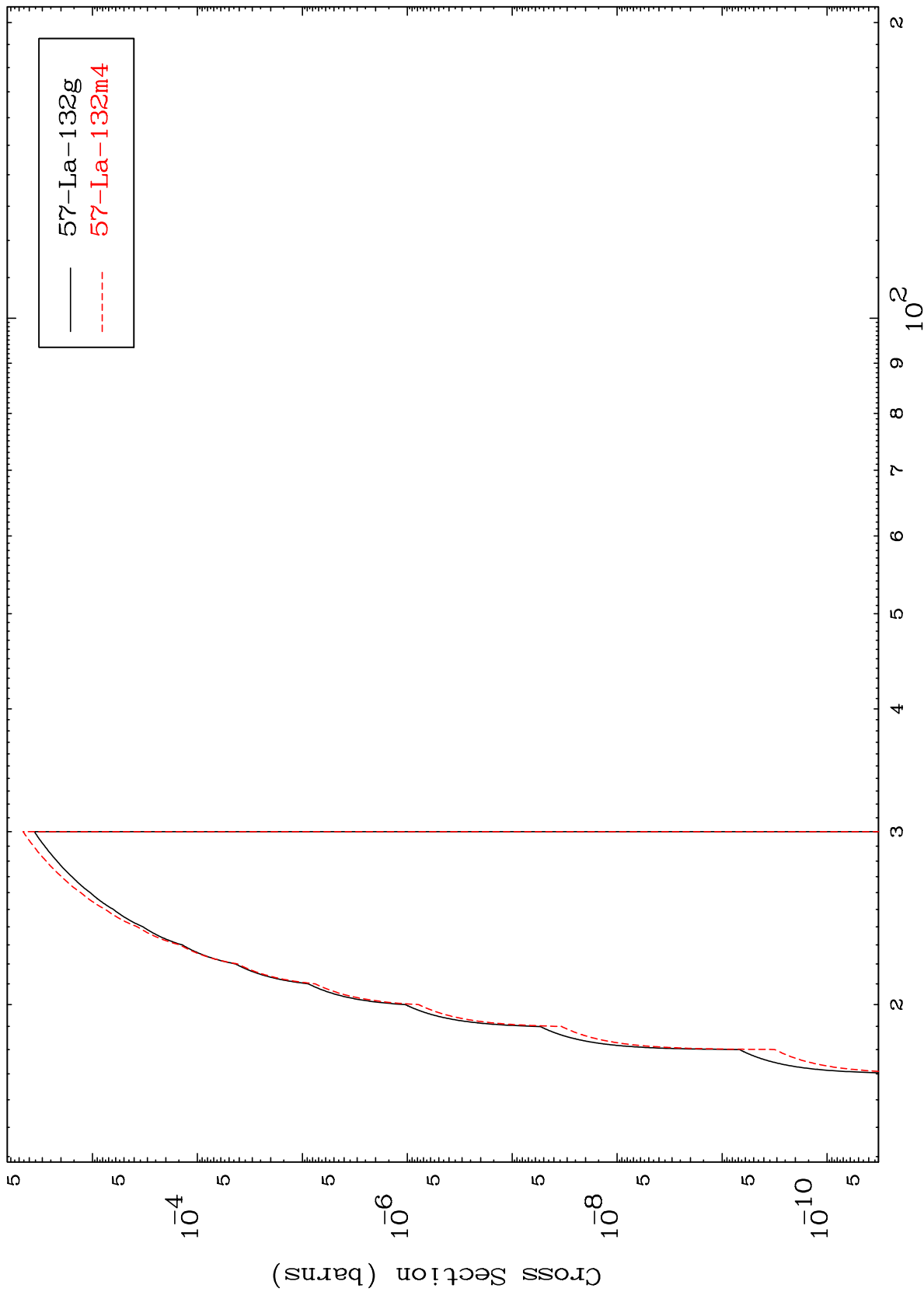
58-Ce-134

MAT 5819

(n,n') d

58-Ce-134

Radionuclide Production Cross Section



133

Incident Energy (MeV)

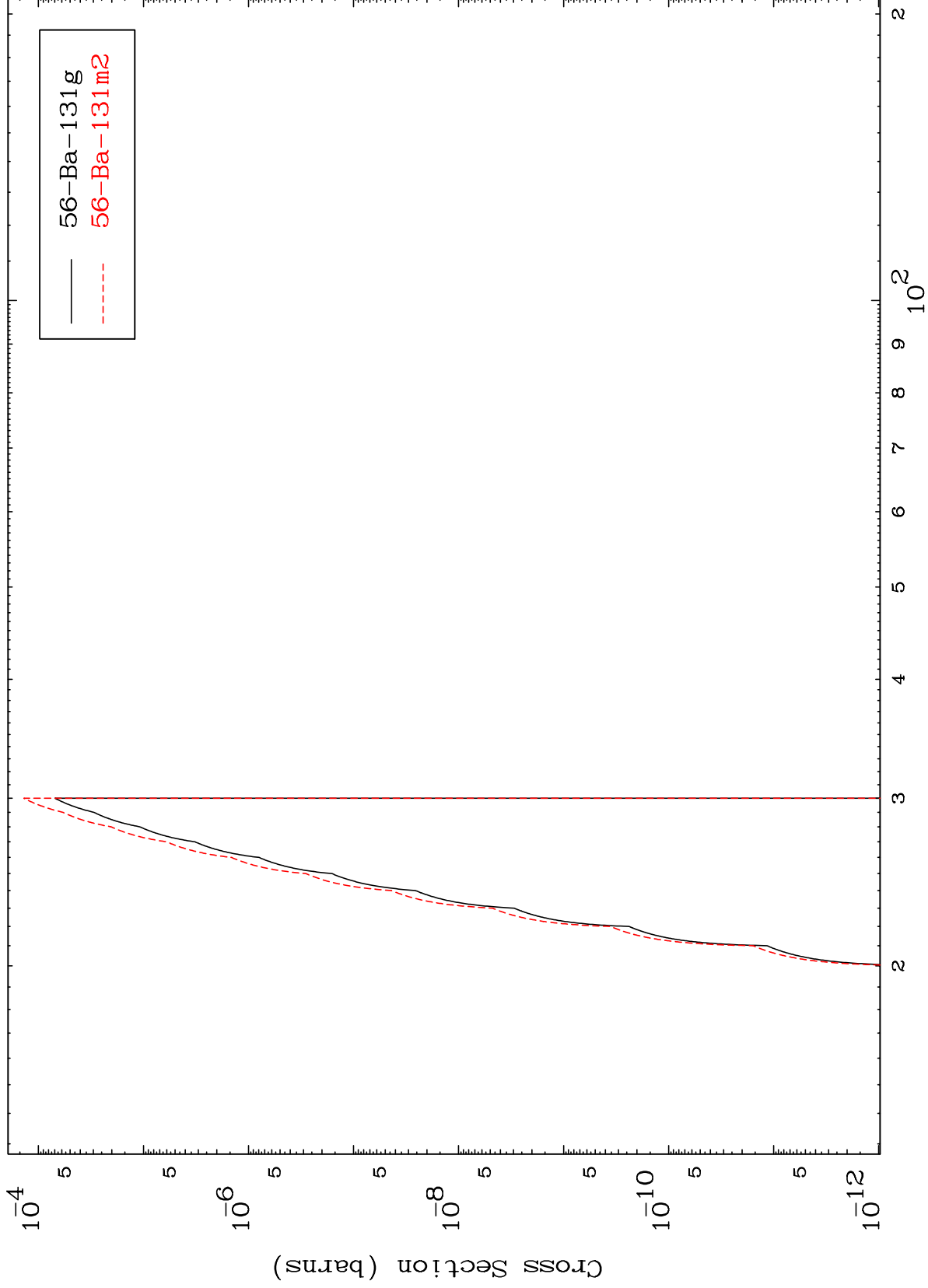
58-Ce-134

MAT 5819

(n,n') He-3

58-Ce-134

Radionuclide Production Cross Section



134

Incident Energy (MeV)

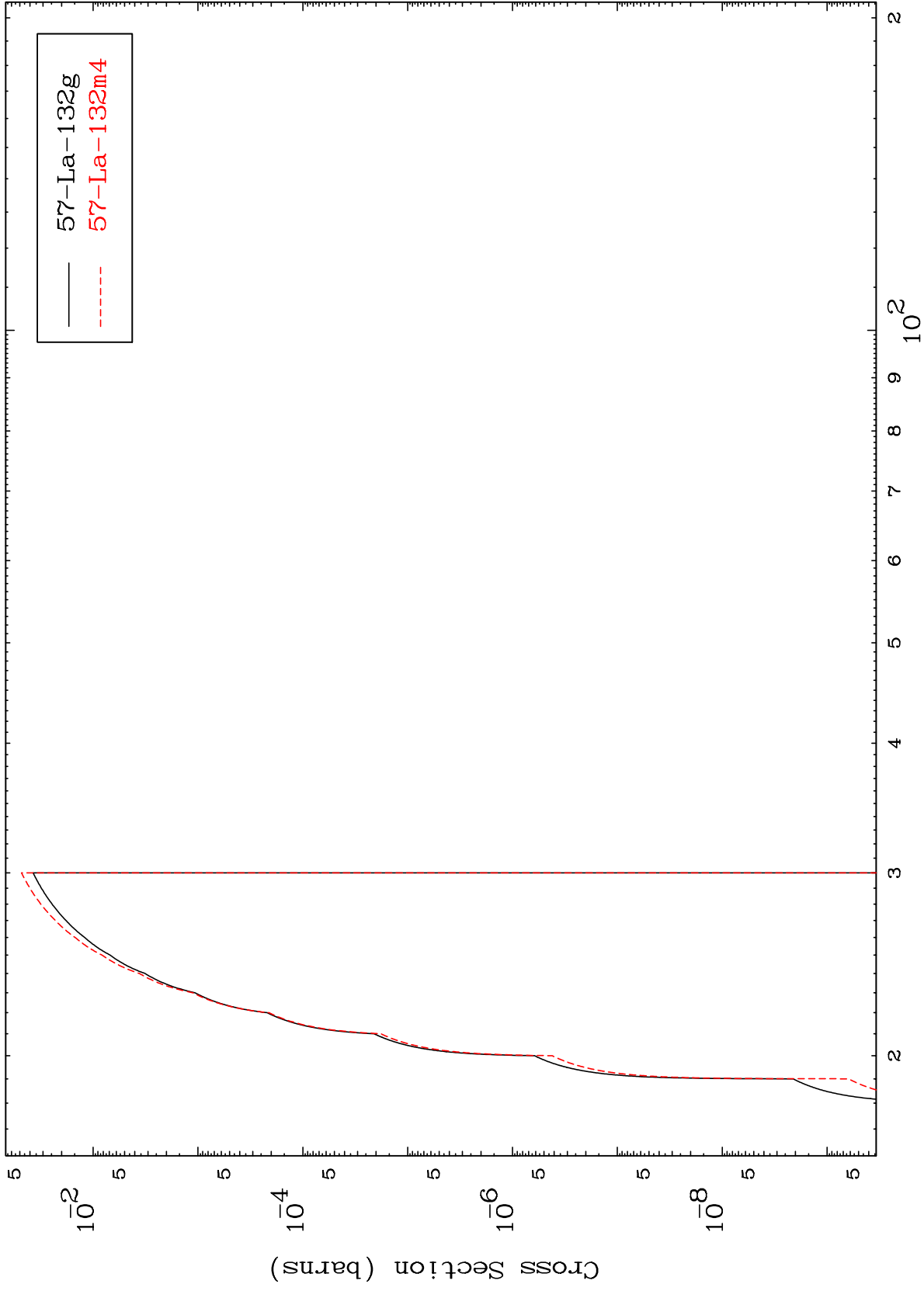
58-Ce-134

MAT 5819

(n,2n) p

58-Ce-134

Radionuclide Production Cross Section



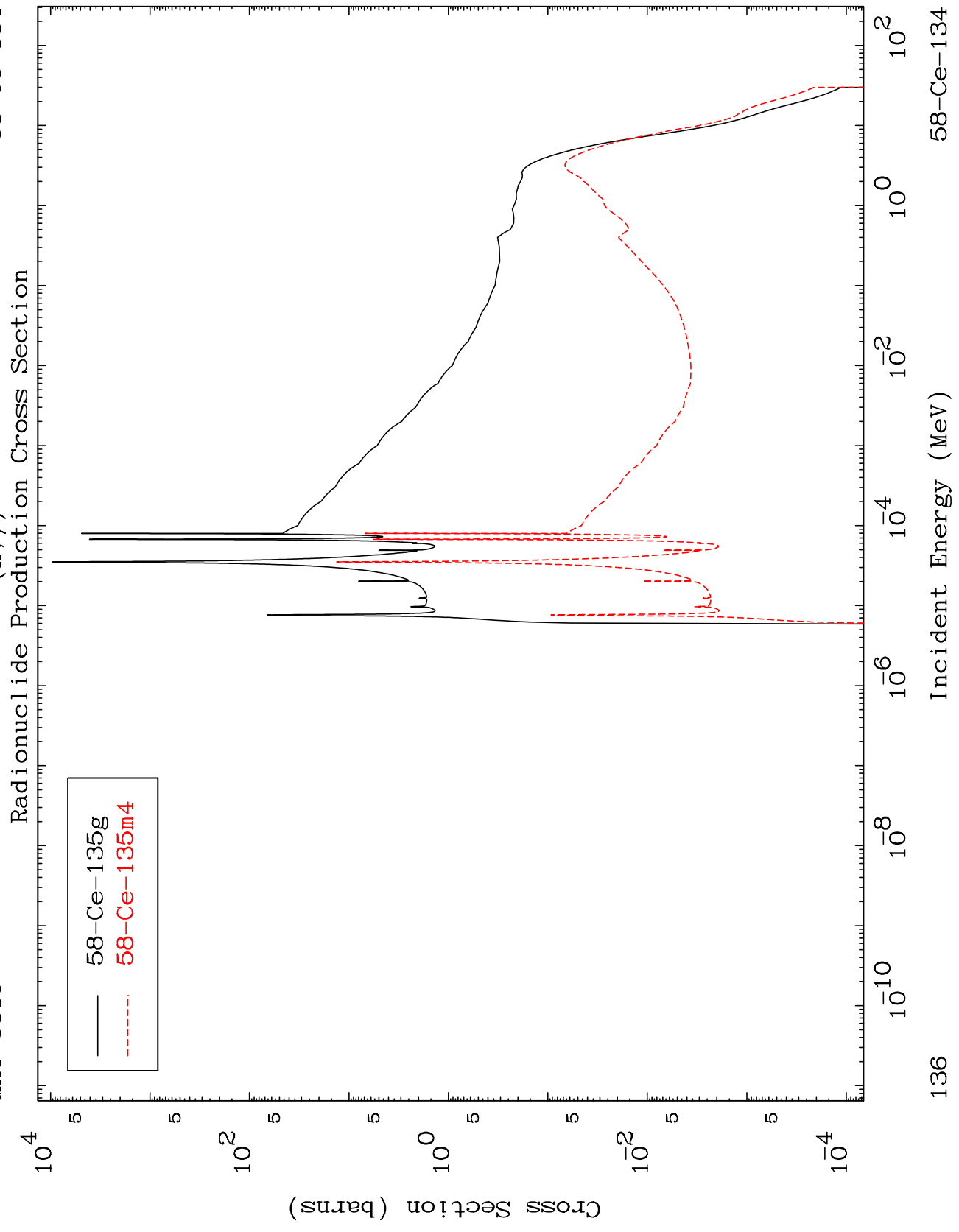
135

Incident Energy (MeV)

58-Ce-134

MAT 5819

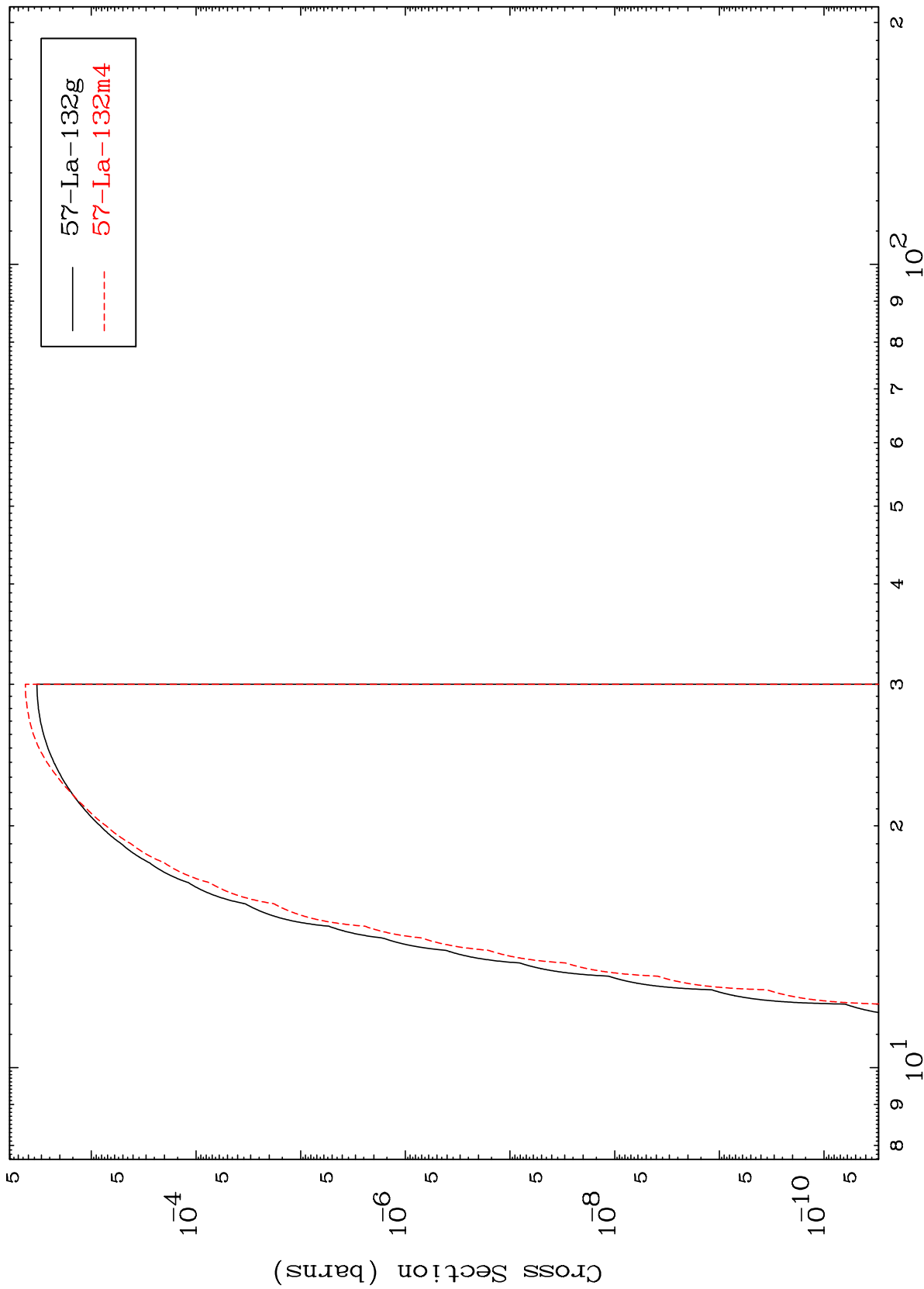
58-Ce-134



MAT 5819

58-Ce-134

(n, t)
Radionuclide Production Cross Section



58-Ce-134

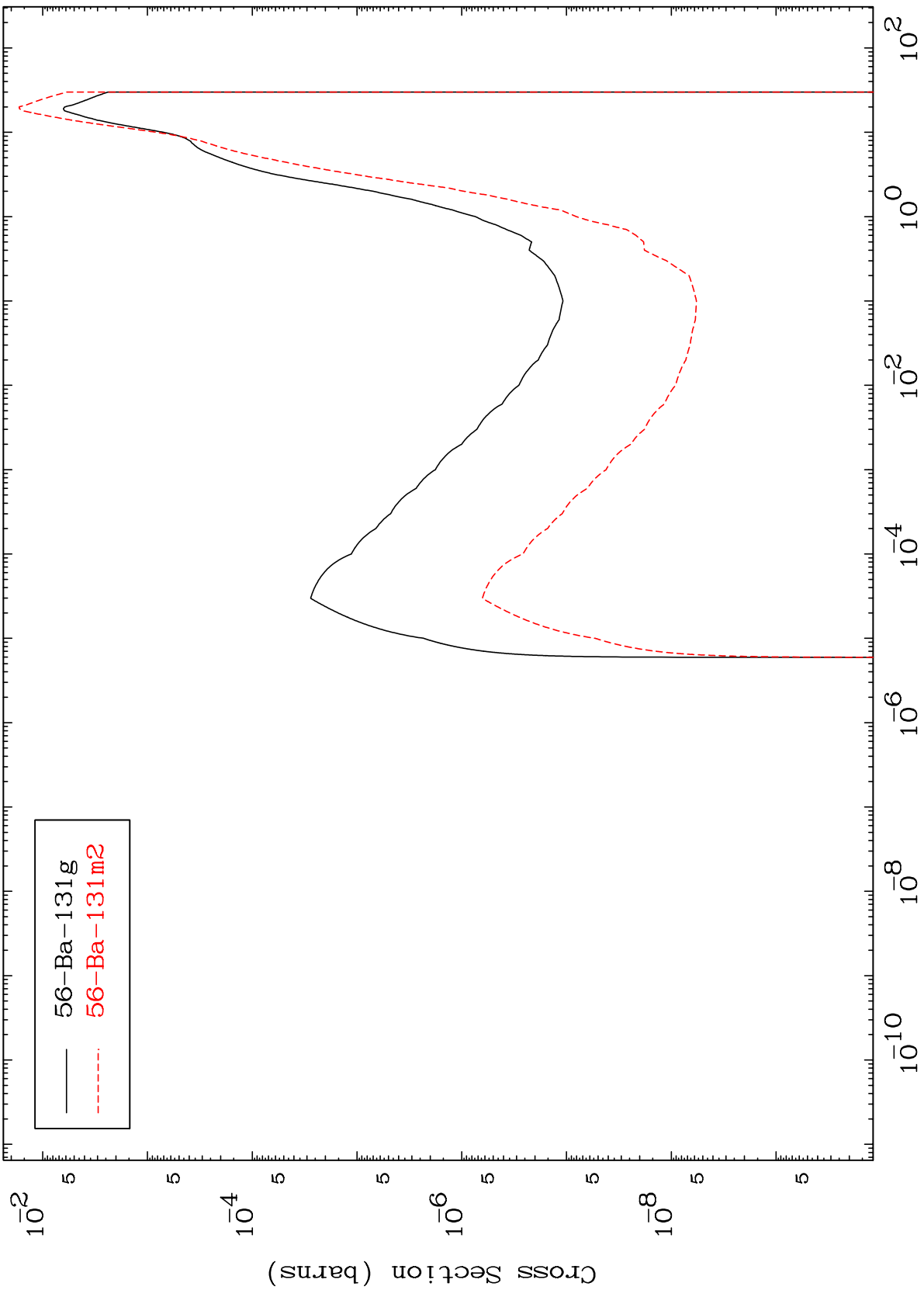
Incident Energy (MeV)

137

MAT 5819

58-Ce-134

Radionuclide Production Cross Section
(n, α)



138

58-Ce-134

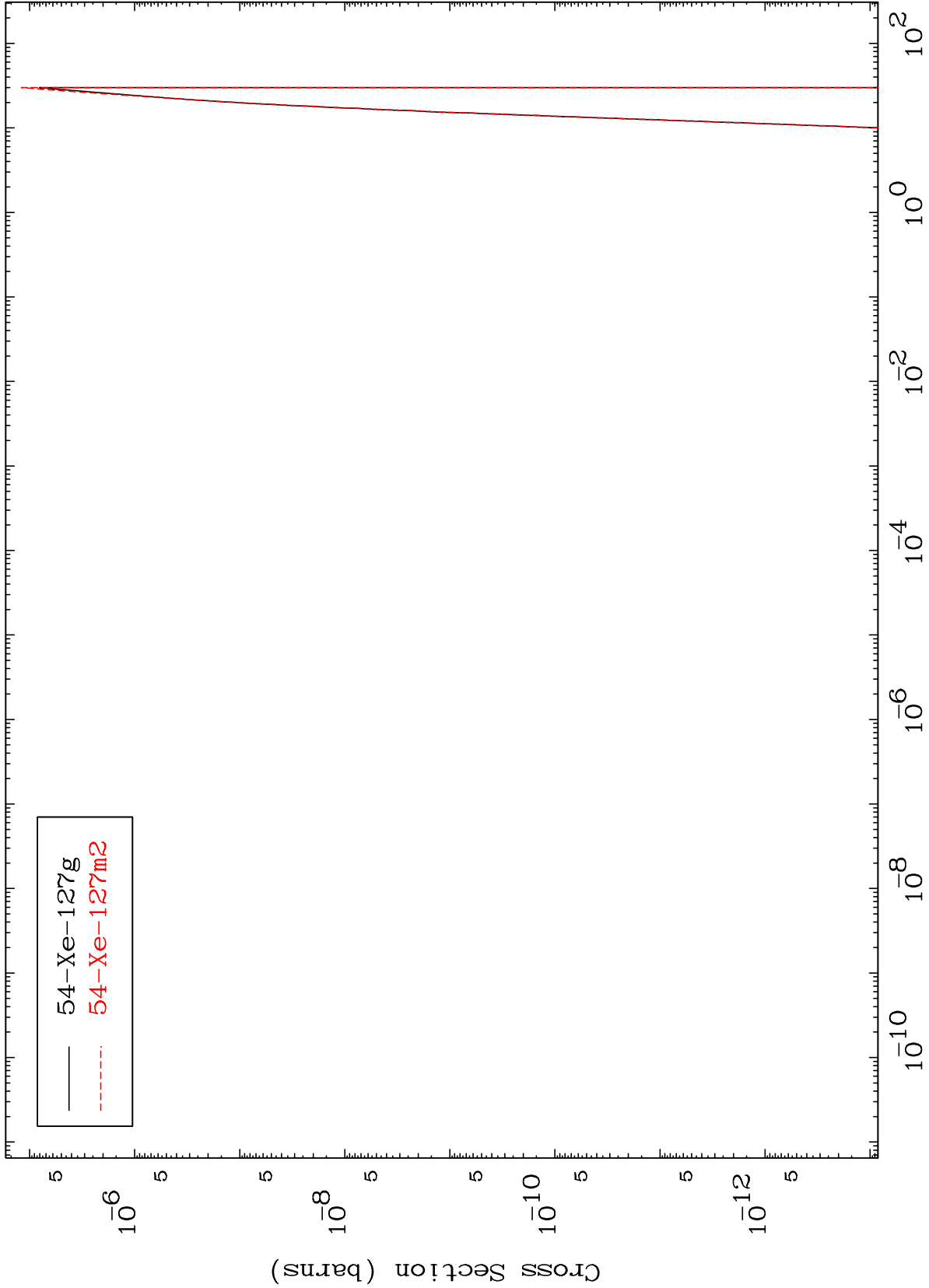
Incident Energy (MeV)

MAT 5819

(n,2α)

58-Ce-134

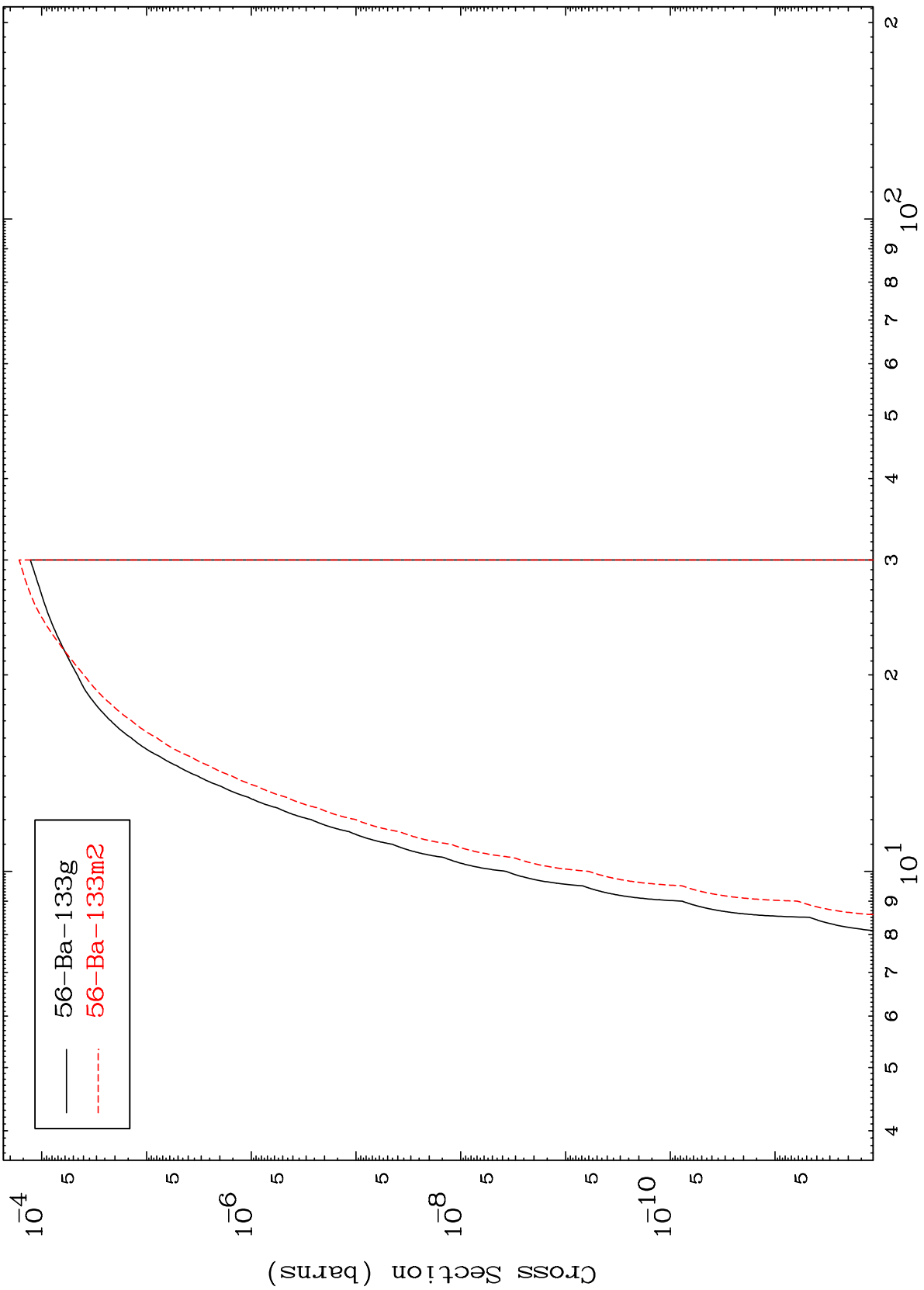
Radionuclide Production Cross Section



MAT 5819

58-Ce-134

Radionuclide Production Cross Section
(n,2p)



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

140

Incident Energy (MeV)

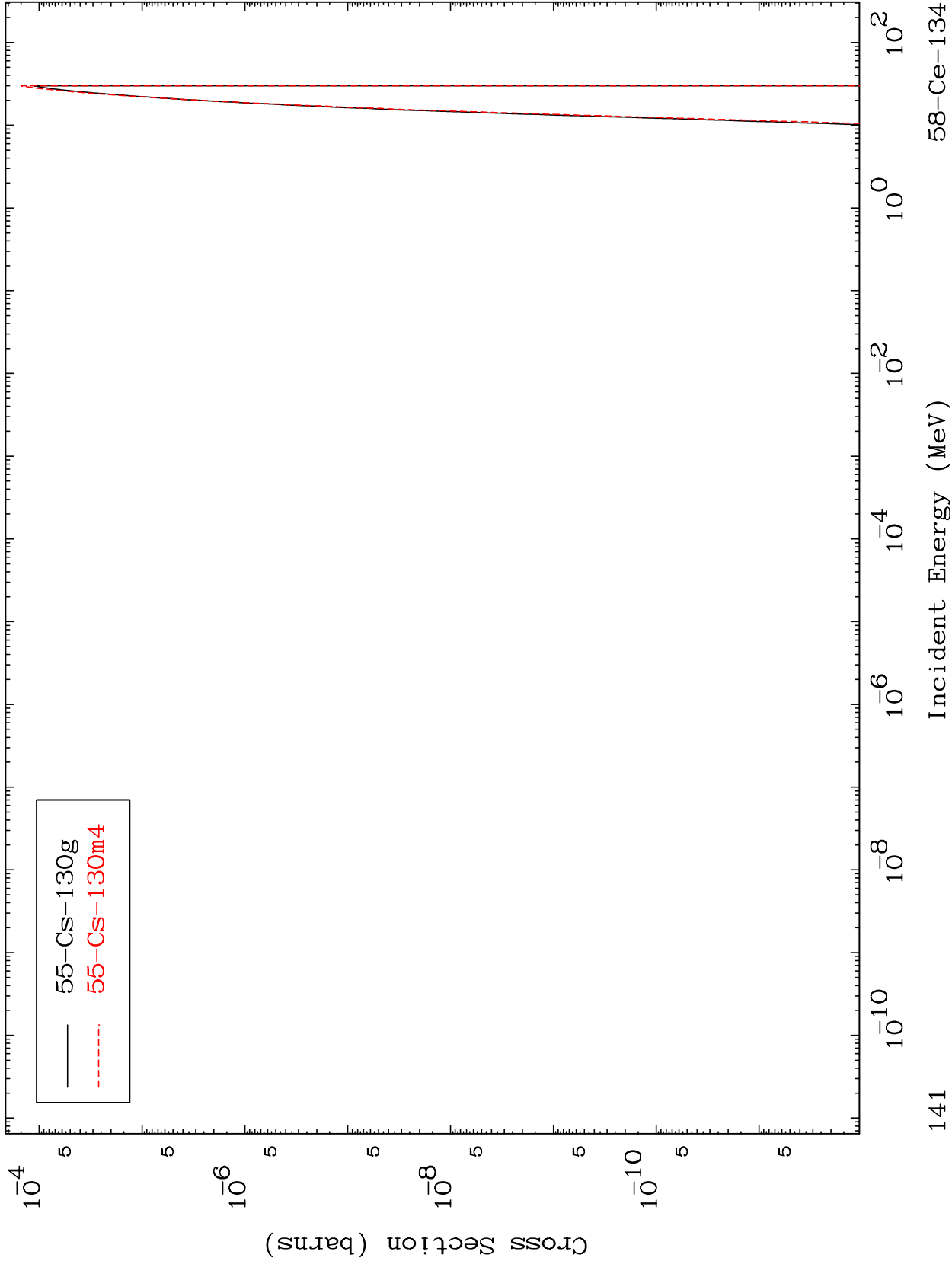
58-Ce-134

MAT 5819

(n,p) α

58-Ce-134

Radionuclide Production Cross Section

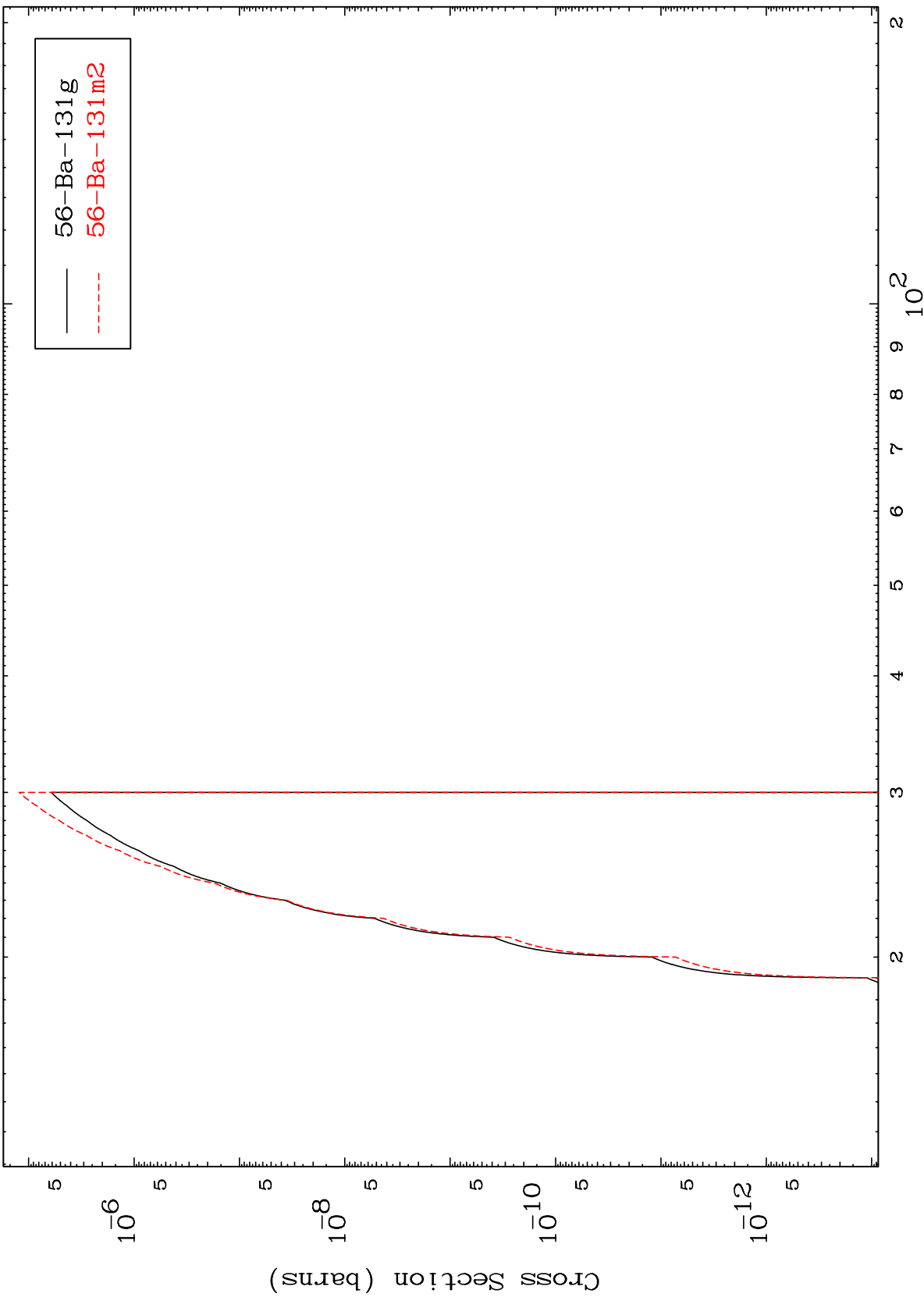


MAT 5819

(n,p) t

58-Ce-134

Radionuclide Production Cross Section



56-Ba-131g
56-Ba-131m2

142

Incident Energy (MeV)

58-Ce-134