

Program EVALPLOT
(Version 2021-1)

by

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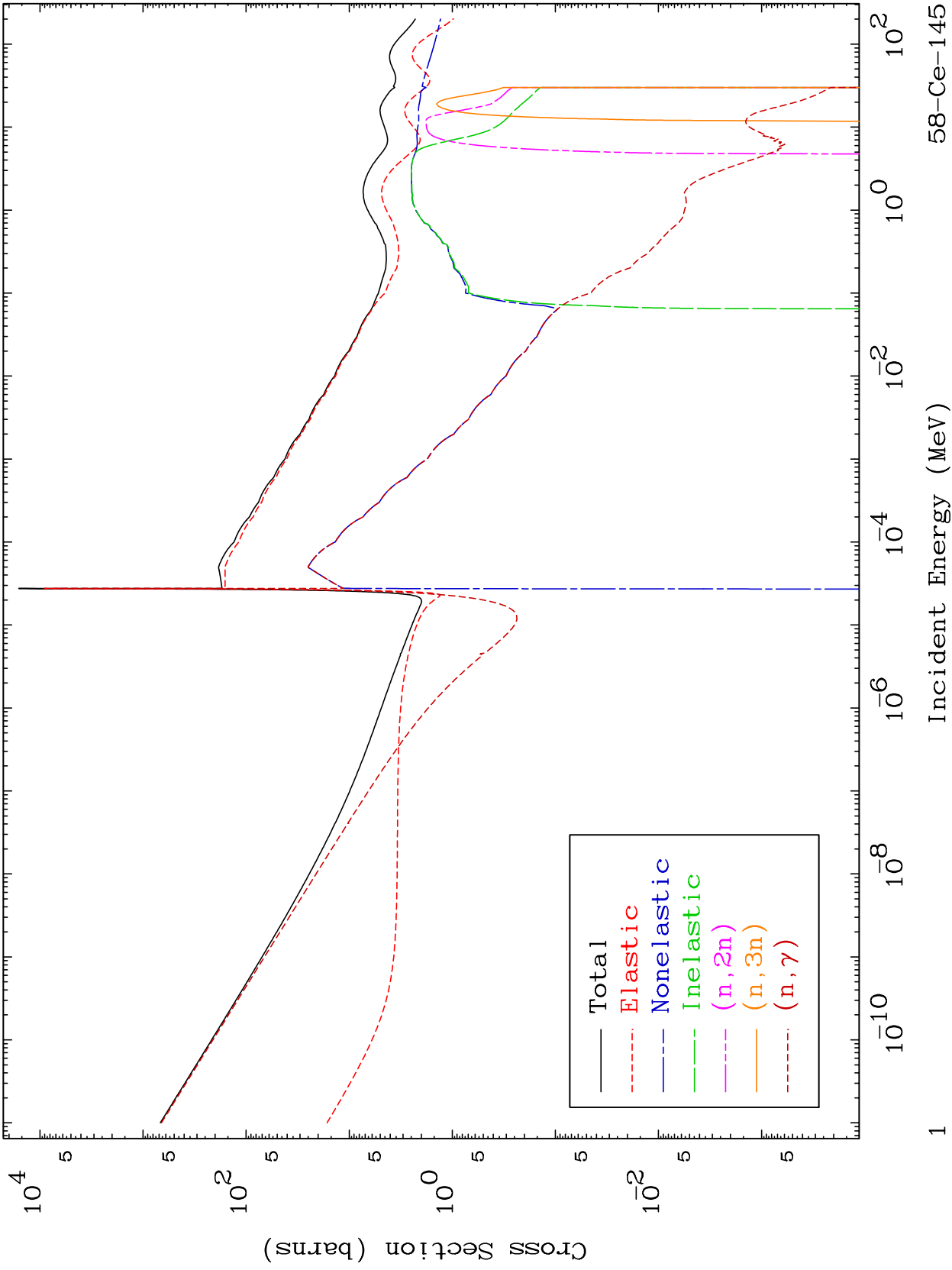
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Press Mouse Button to Start

MAT 5852

Neutron Major
293 Kelvin Cross Sections

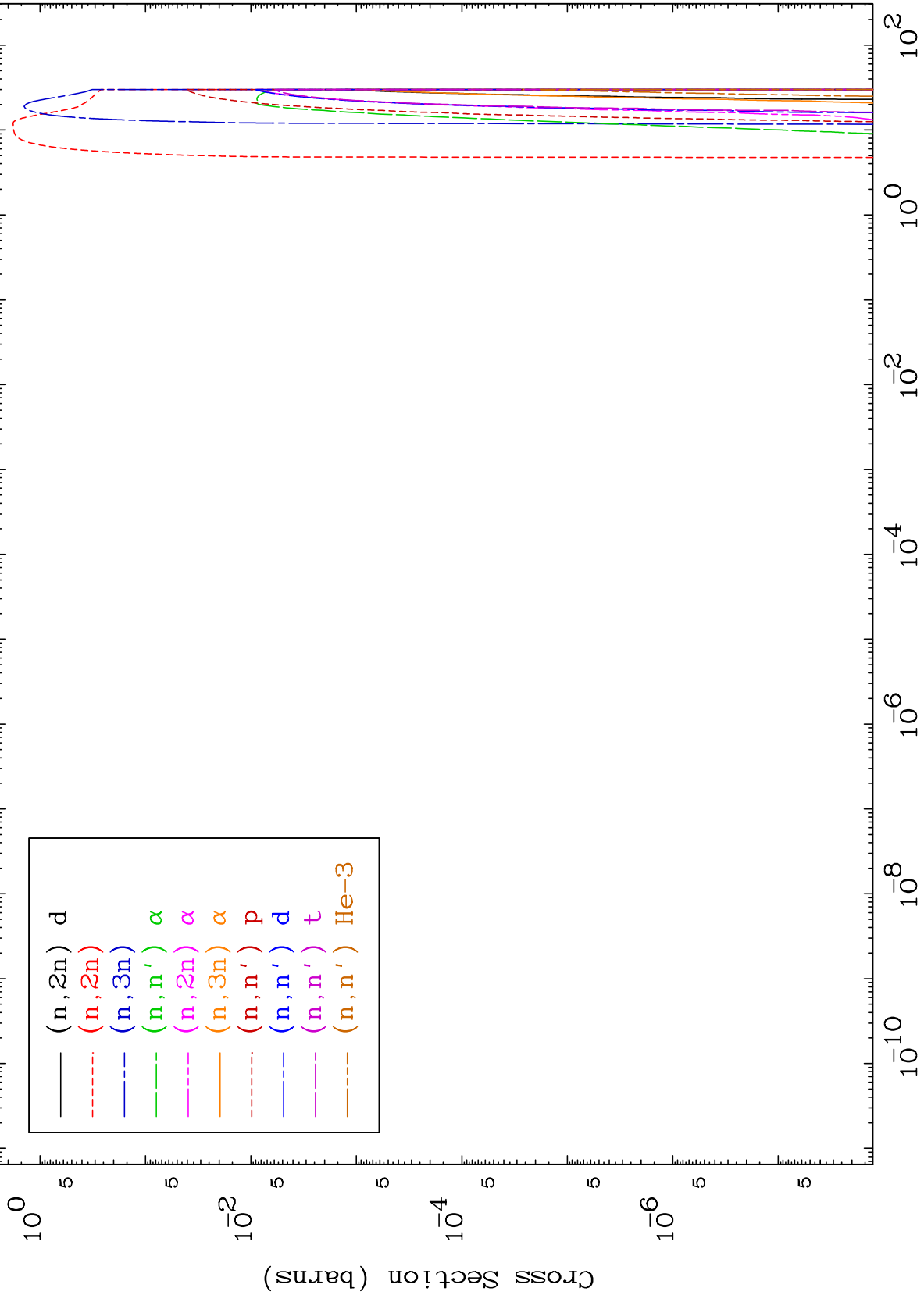
58-Ce-145



MAT 5852

Neutron Absorption
293 Kelvin Cross Sections

58-Ce-145



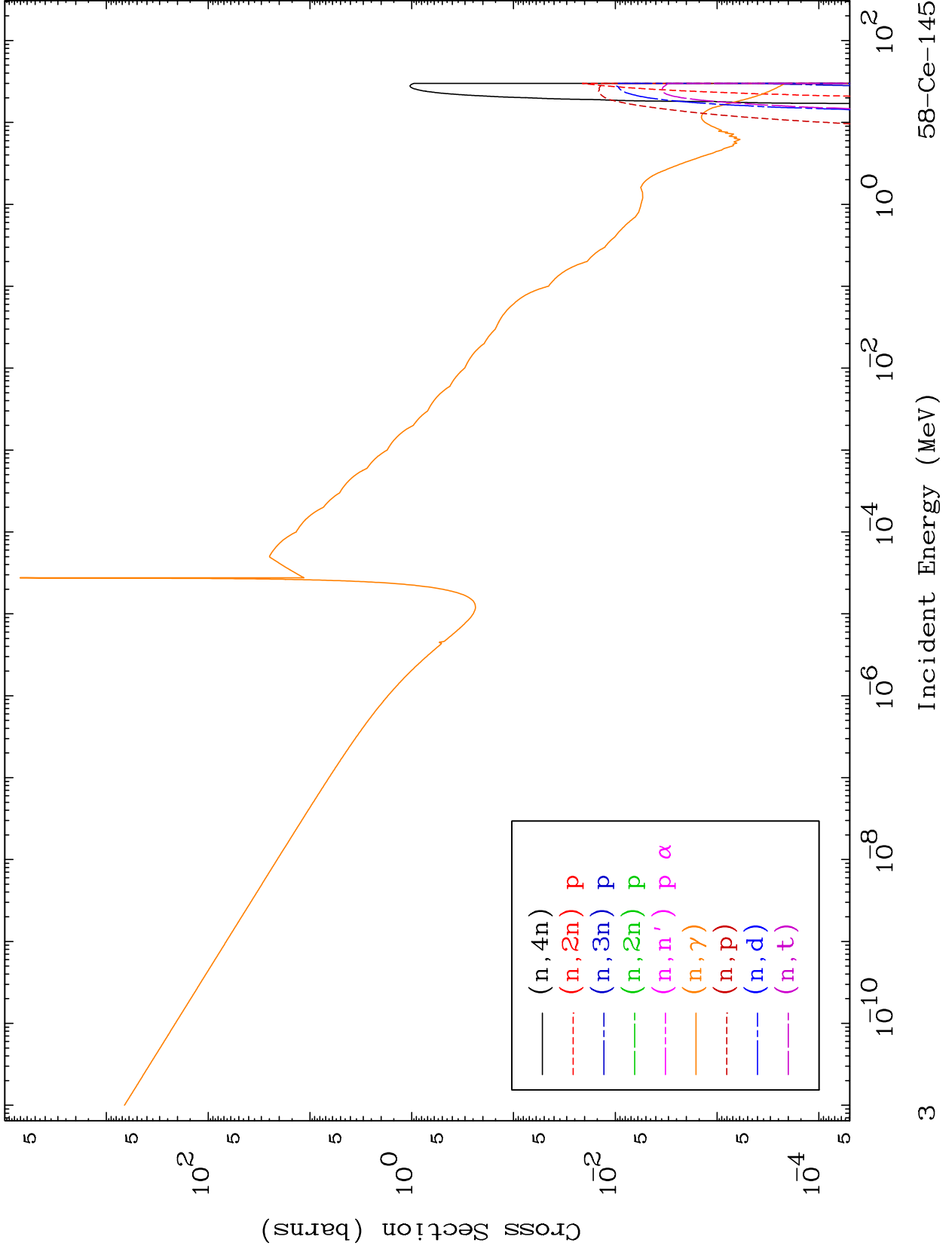
58-Ce-145

Incident Energy (MeV)

MAT 5852

Neutron Absorption
293 Kelvin Cross Sections

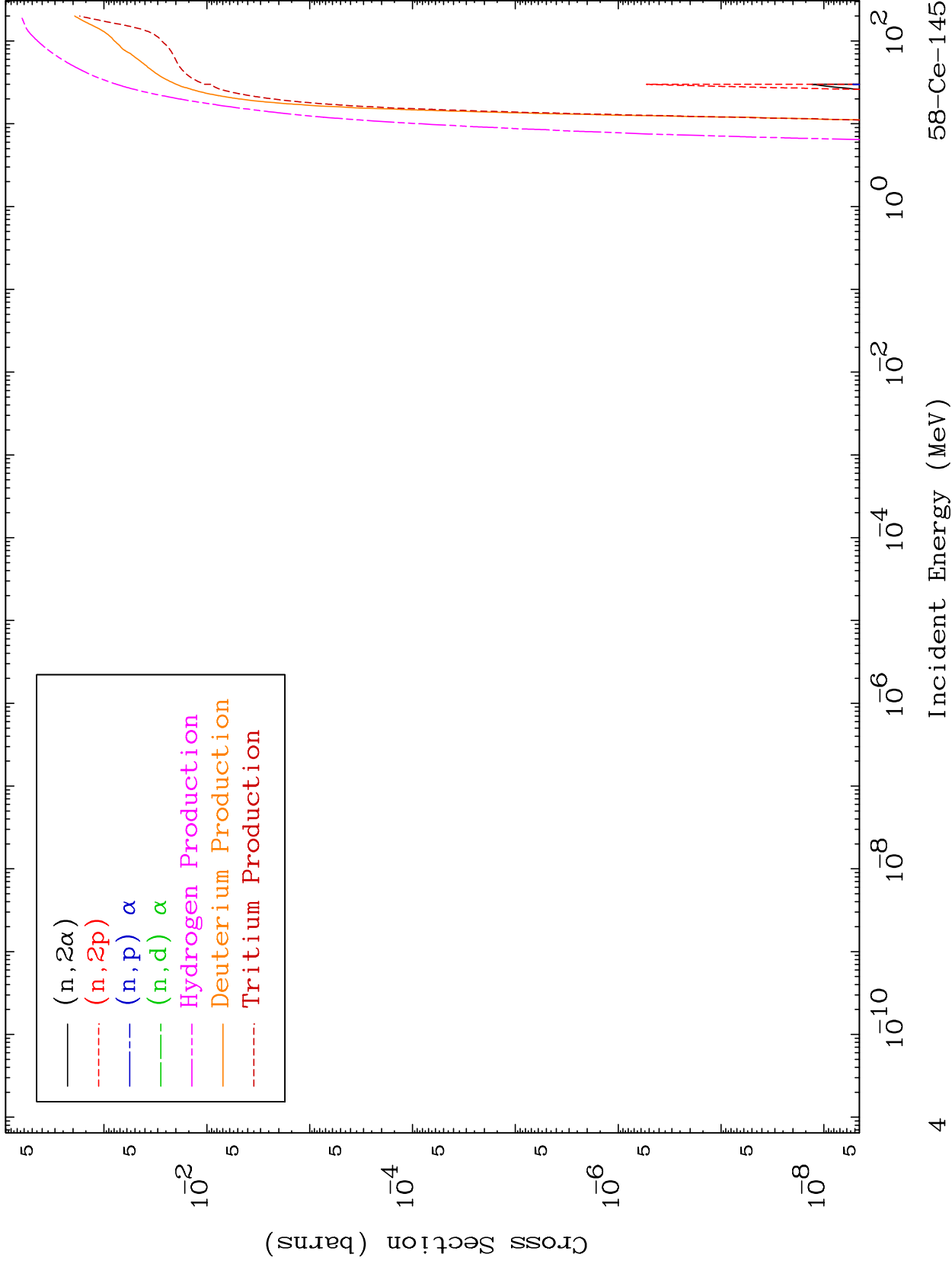
58-Ce-145



MAT 5852

Neutron Absorption
293 Kelvin Cross Sections

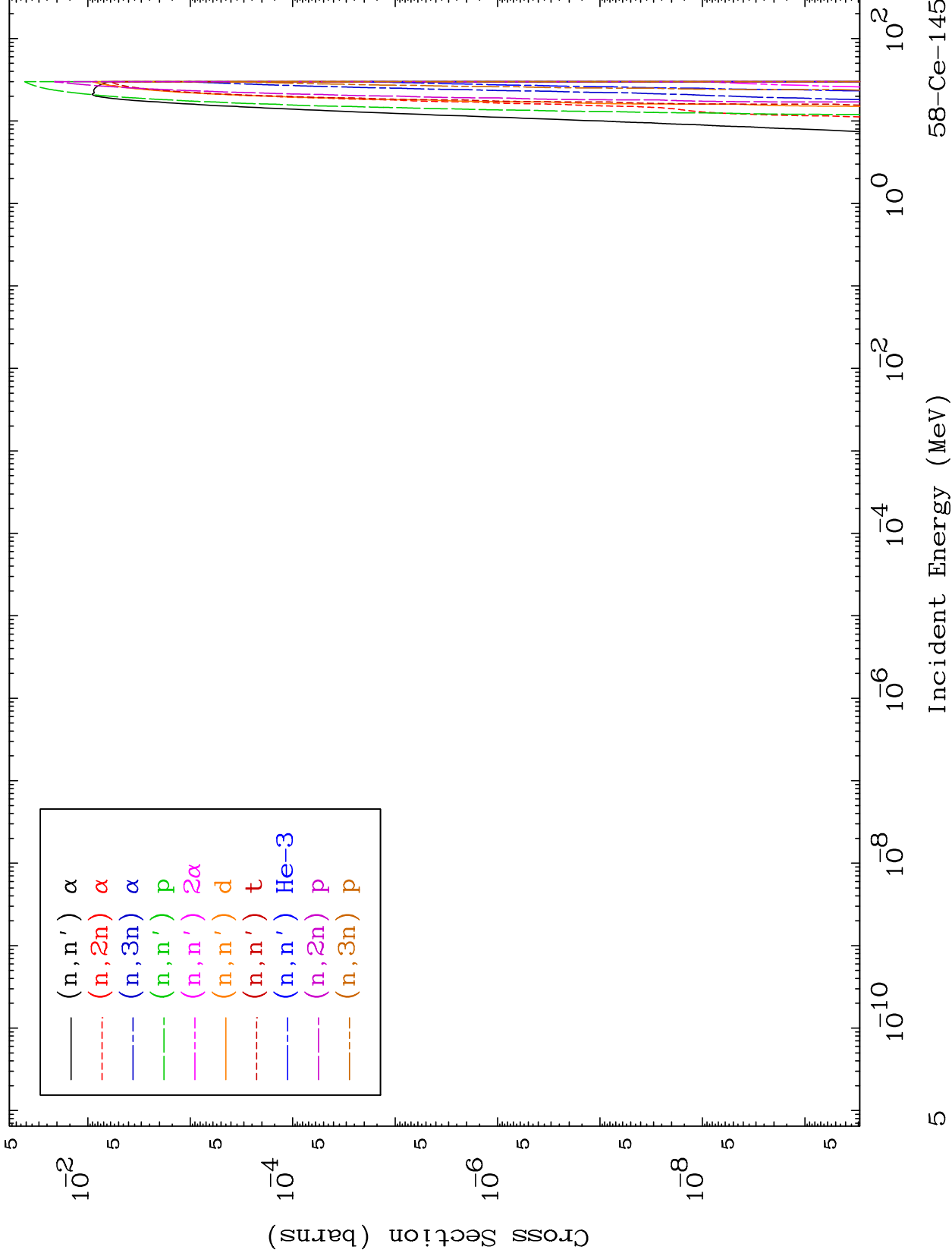
58-Ce-145



MAT 5852

Charged Particle
293 Kelvin Cross Sections

58-Ce-145

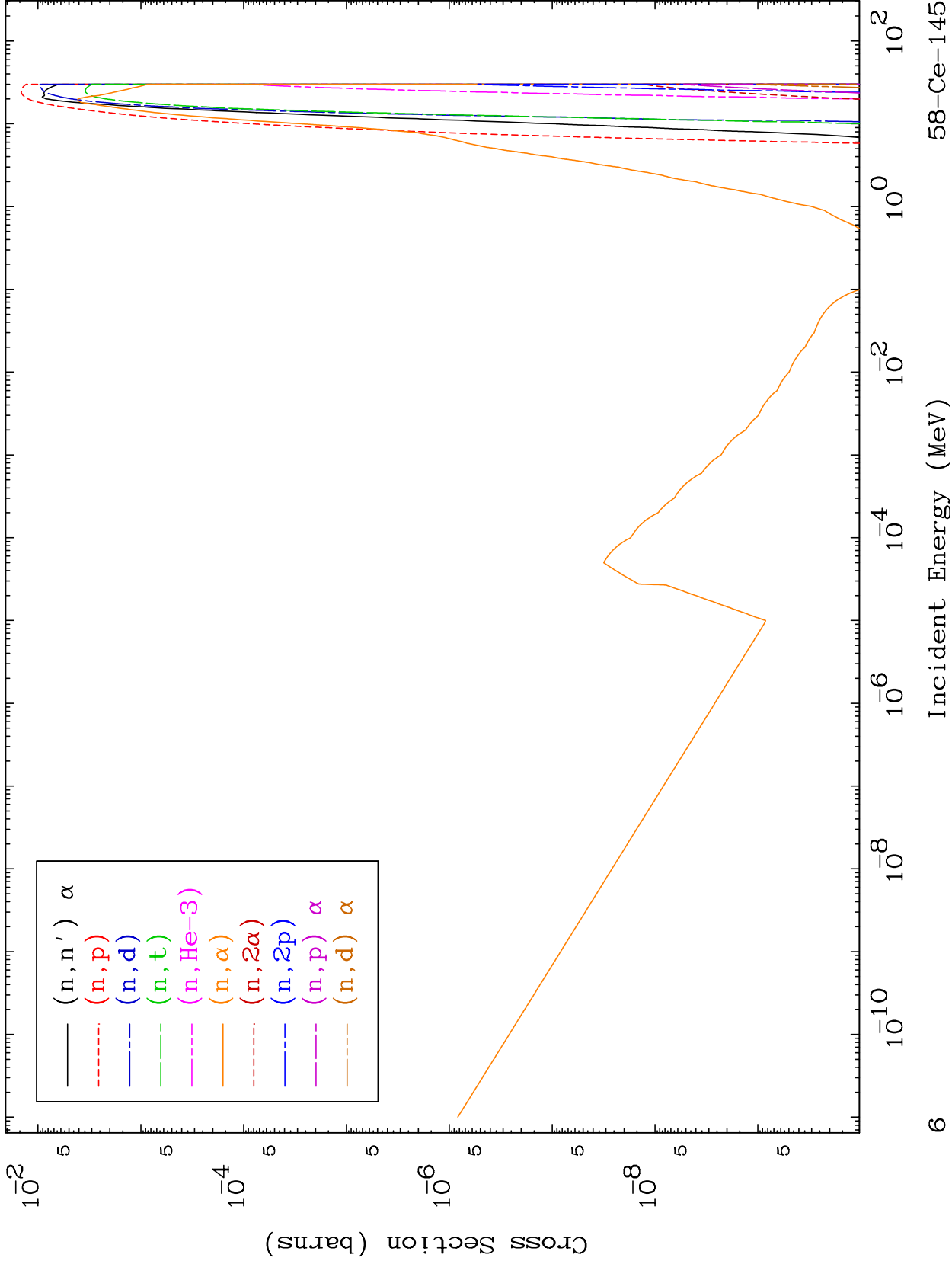


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MAT 5852

Charged Particle
293 Kelvin Cross Sections

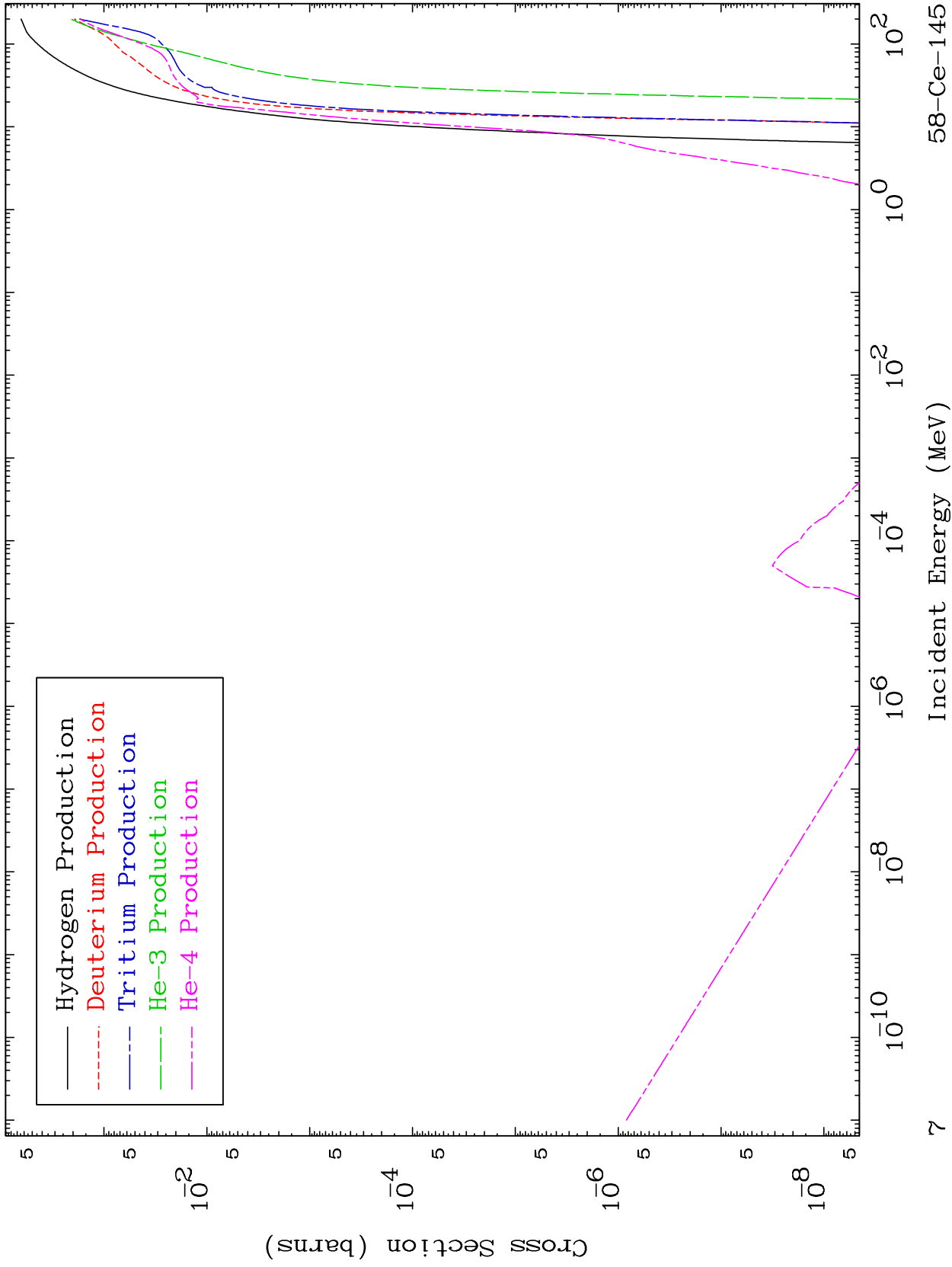
58-Ce-145



MAT 5852

Particle Production
293 Kelvin Cross Sections

58-Ce-145

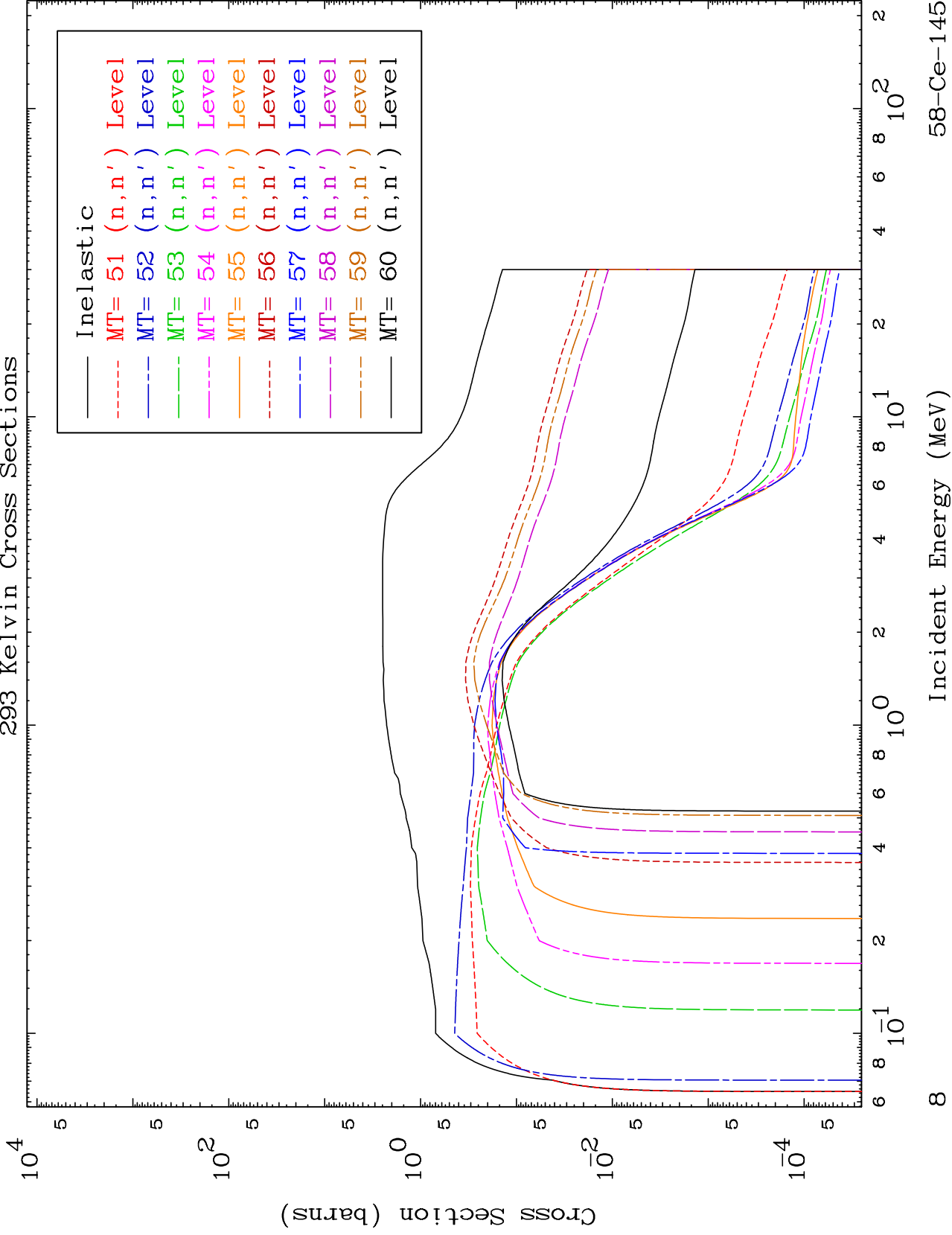


MAT 5852

(n,n') Levels

58-Ce-145

293 Kelvin Cross Sections



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Incident Energy (MeV)

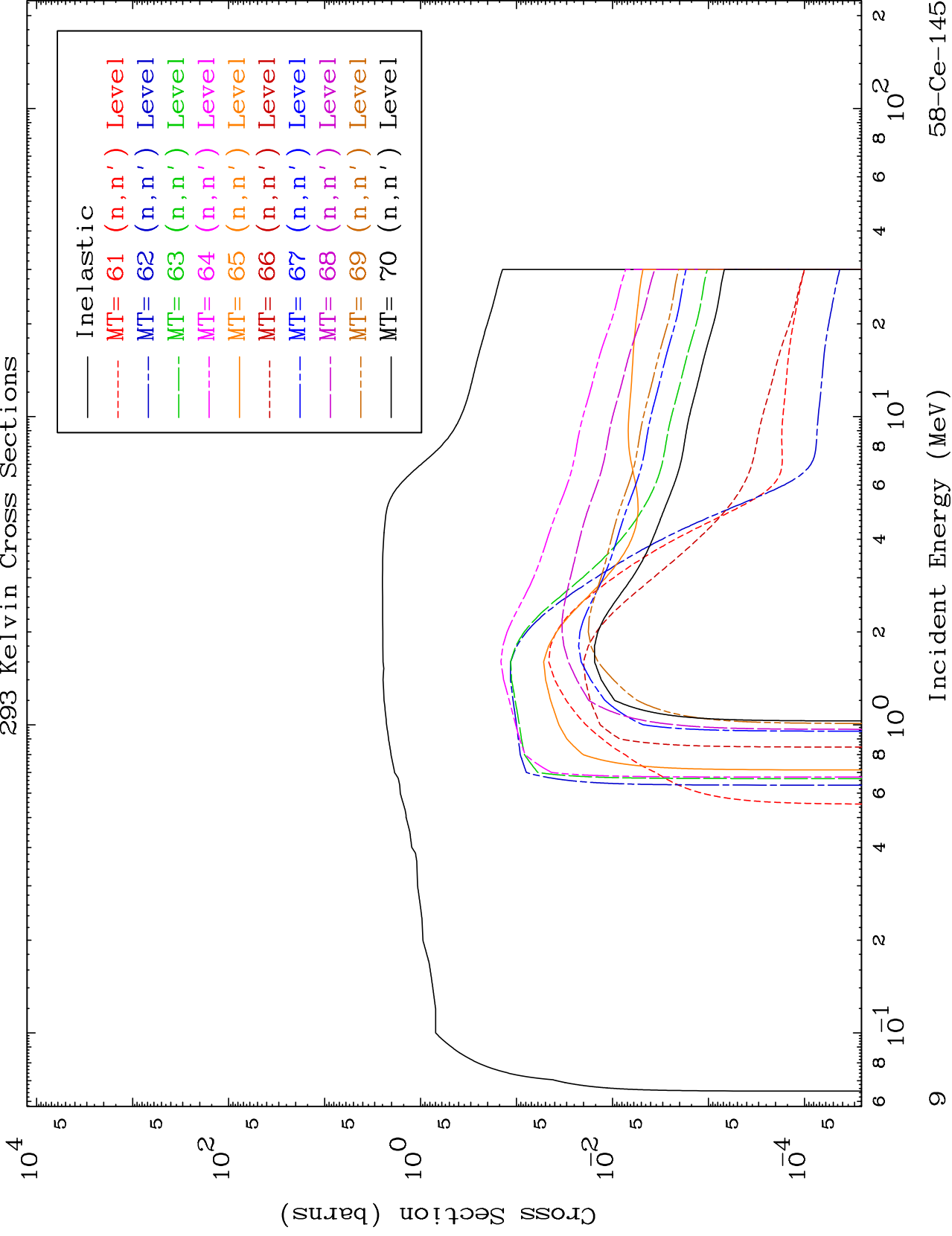
58-Ce-145

MAT 5852

(n,n') Levels

293 Kelvin Cross Sections

58-Ce-145

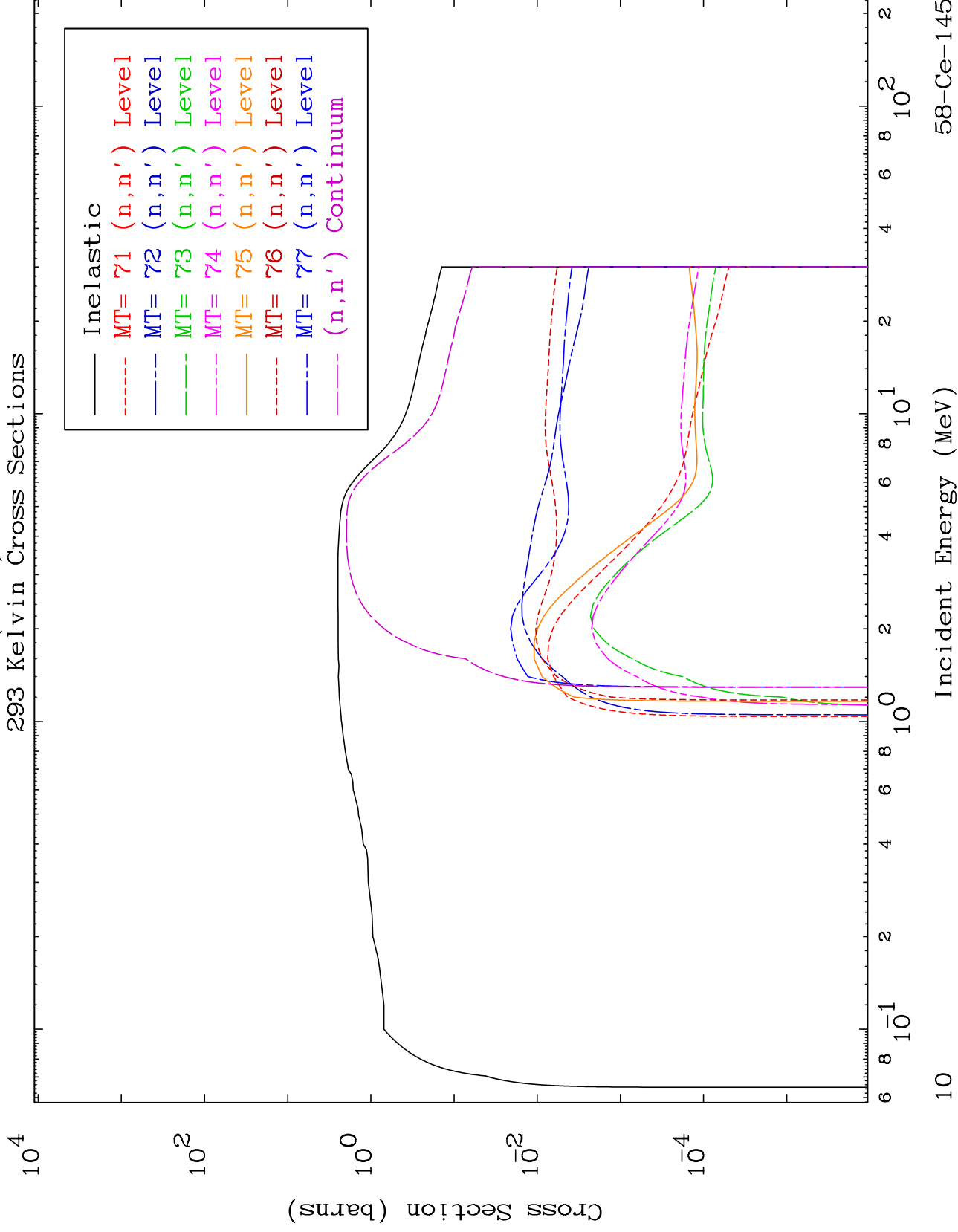


MAT 5852

(n,n') Levels

293 Kelvin Cross Sections

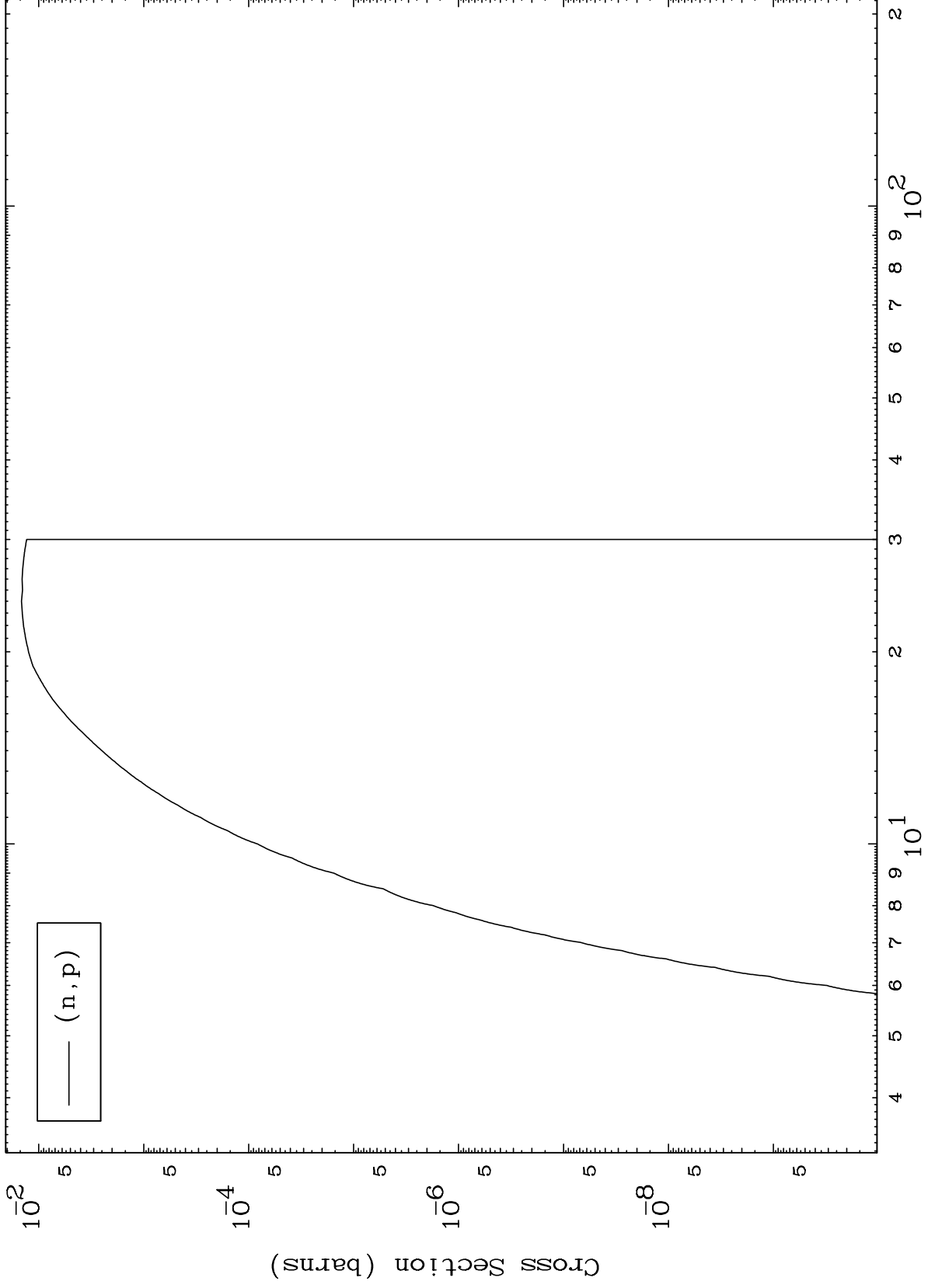
58-Ce-145



MAT 5852

(n,p) Levels
293 Kelvin Cross Sections

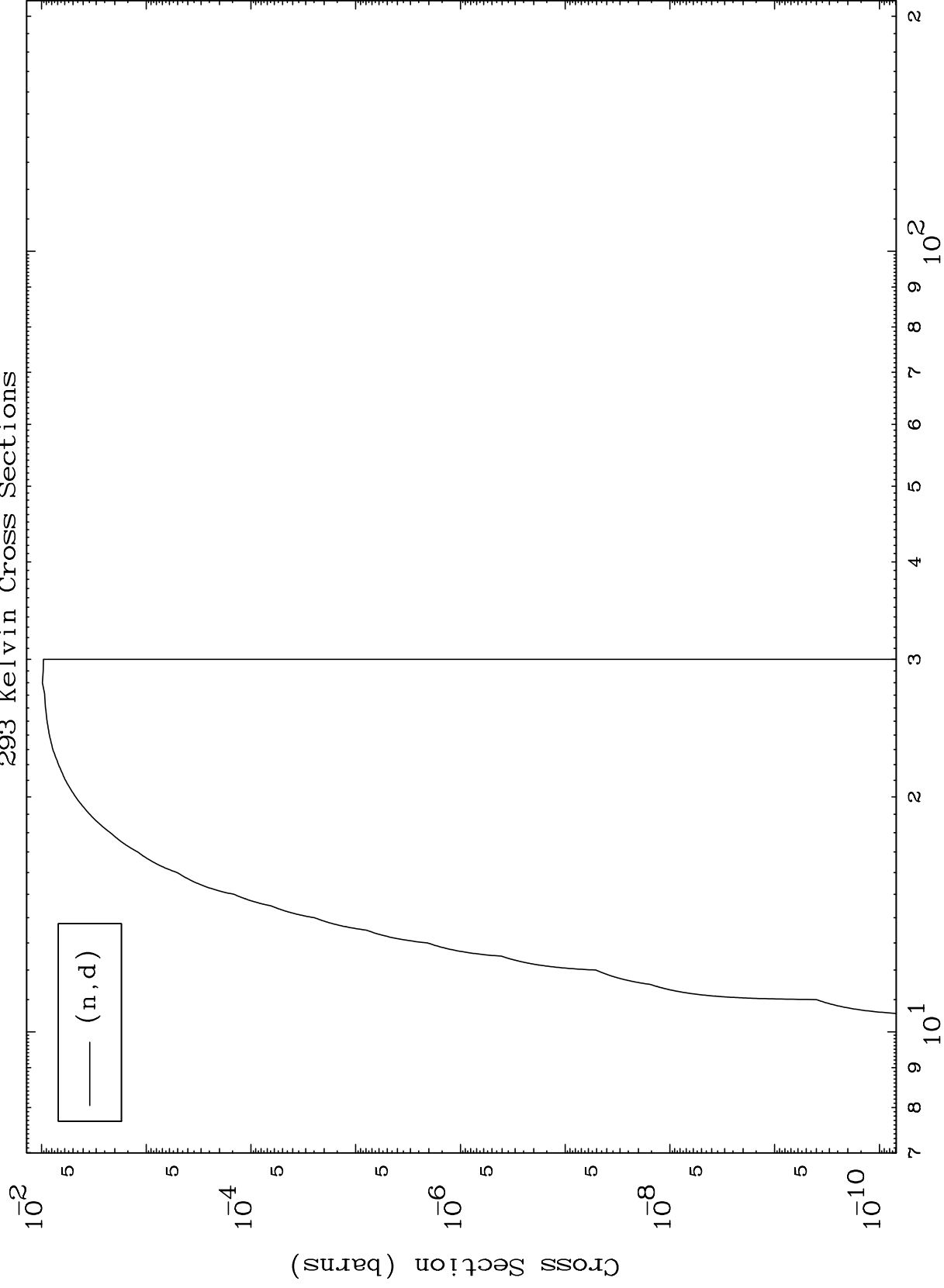
58-Ce-145



MAT 5852

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-145



Incident Energy (MeV)

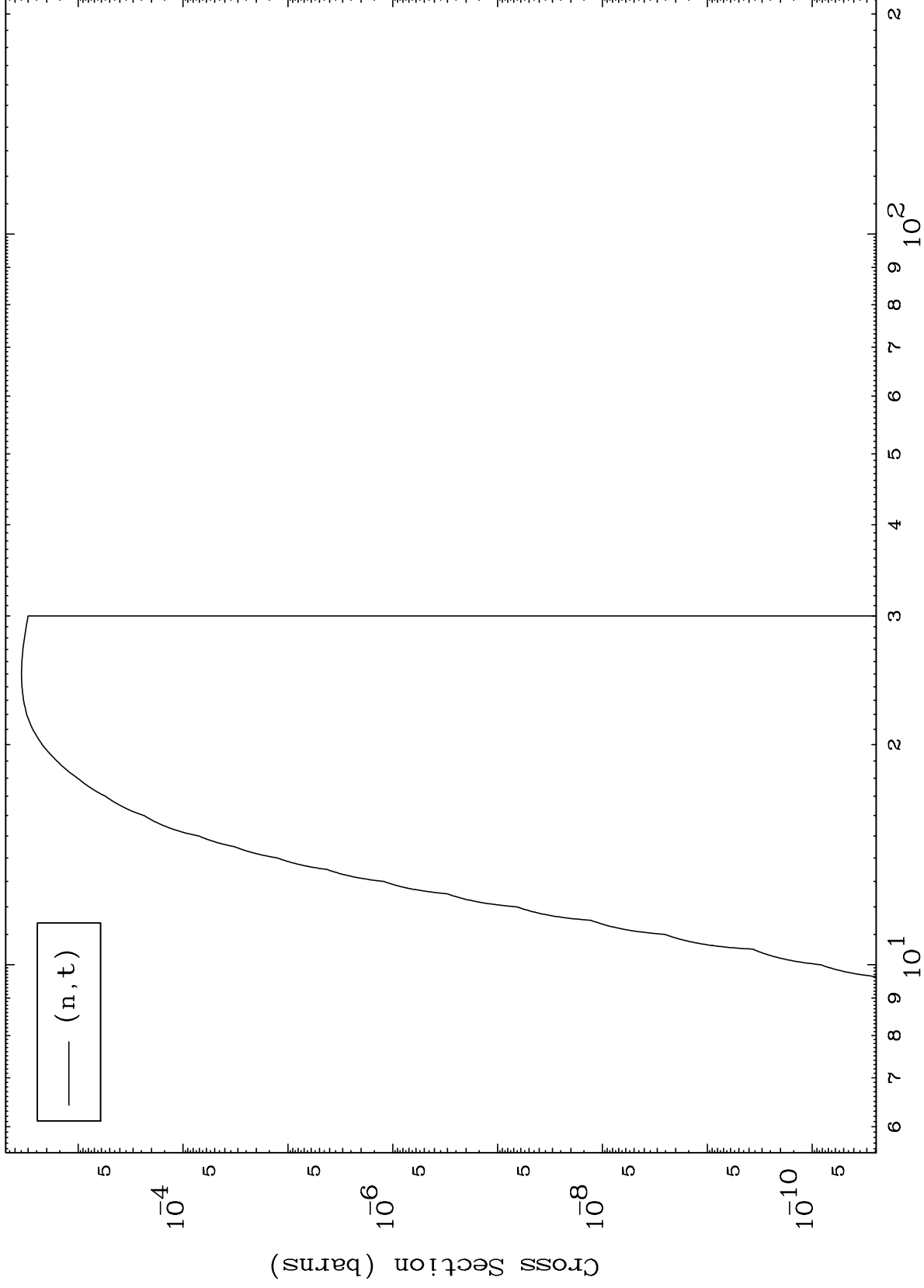
58-Ce-145

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MAT 5852

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-145



13

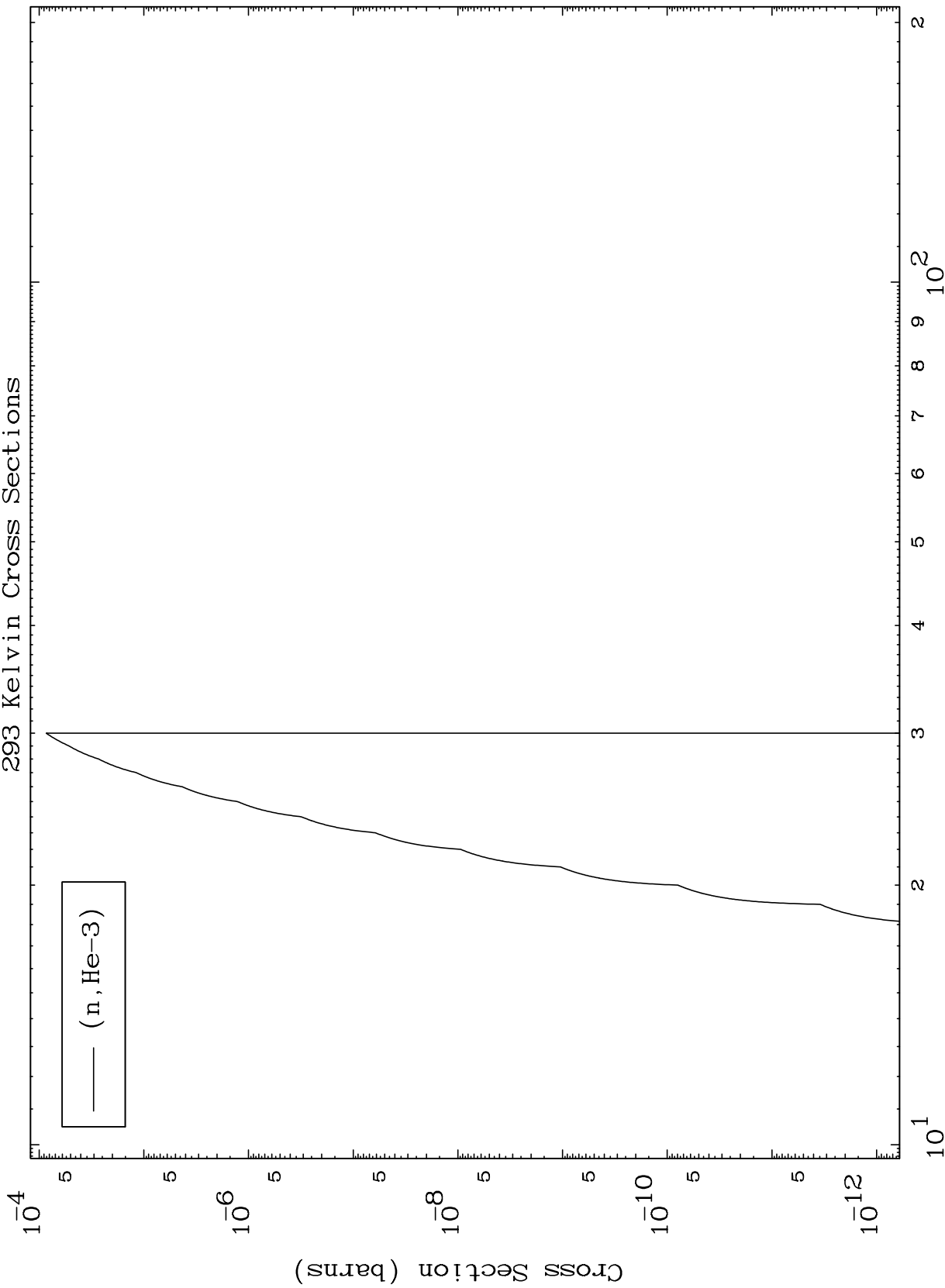
Incident Energy (MeV)

58-Ce-145

MAT 5852

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-145



Incident Energy (MeV)

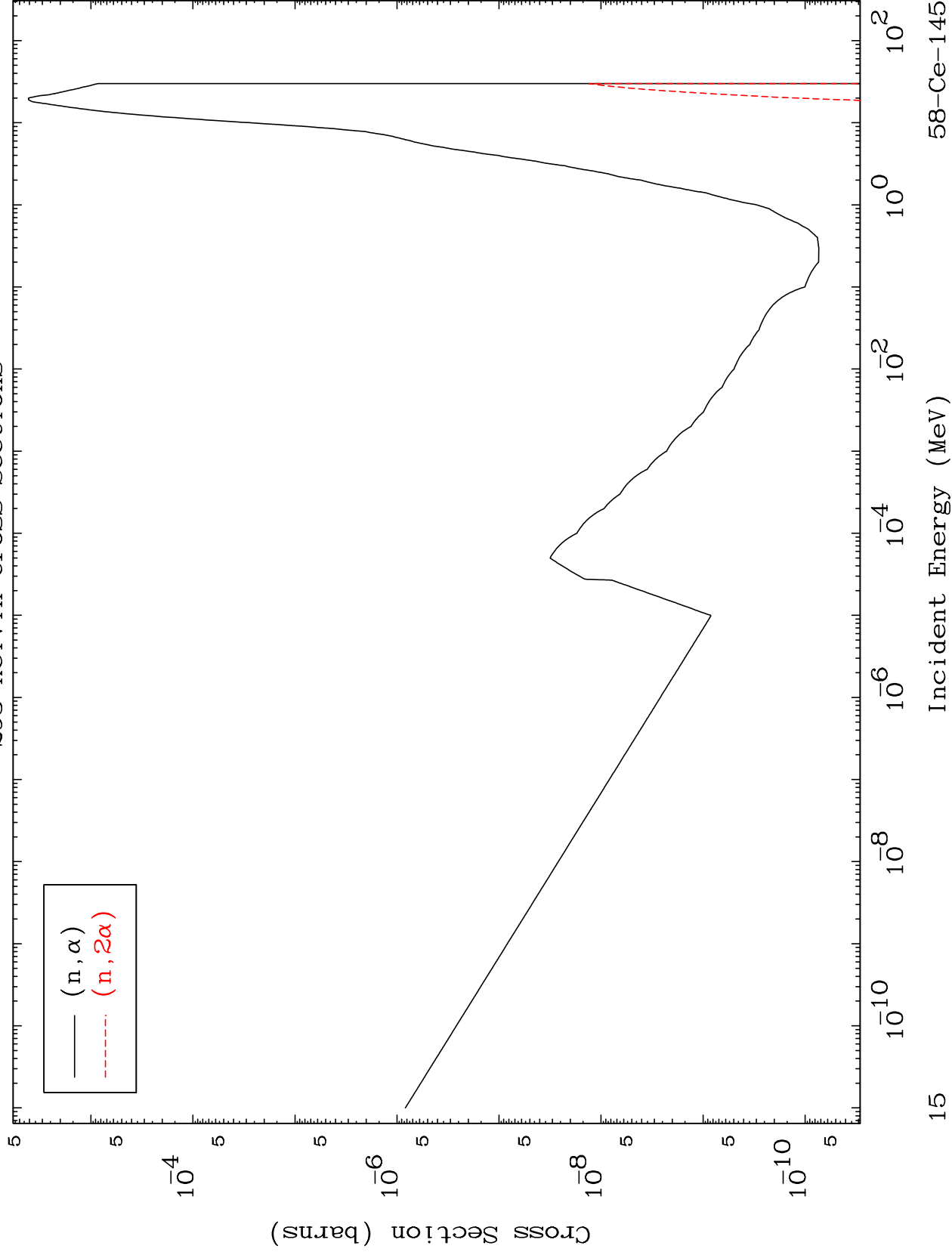
58-Ce-145

14

MAT 5852

(n, α) Levels
293 Kelvin Cross Sections

58-Ce-145

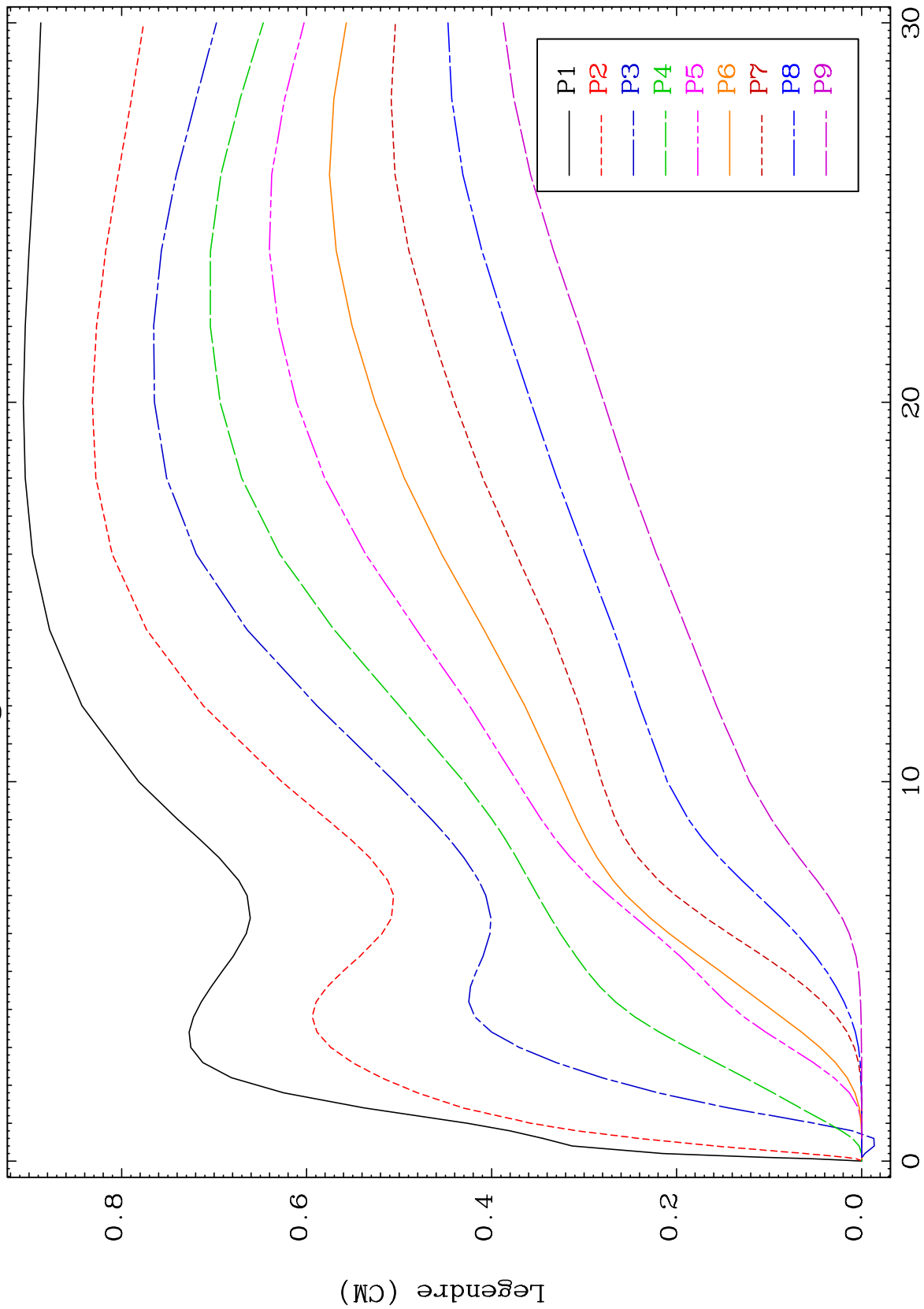


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MAT 5852

Elastic Legendre Coefficients

58-Ce-145



16

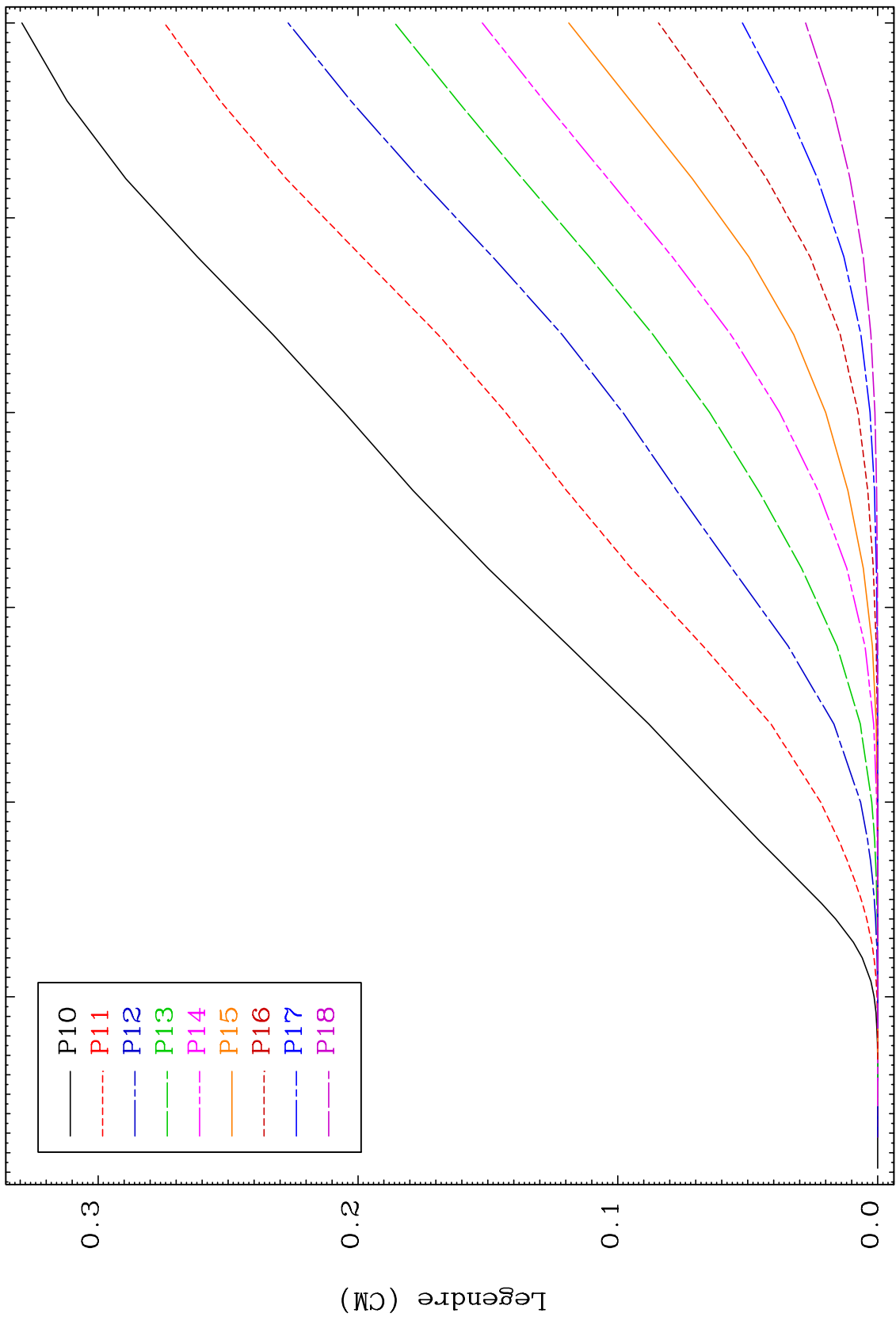
Incident Energy (MeV)

58-Ce-145

MAT 5852

Elastic Legendre Coefficients

58-Ce-145



17

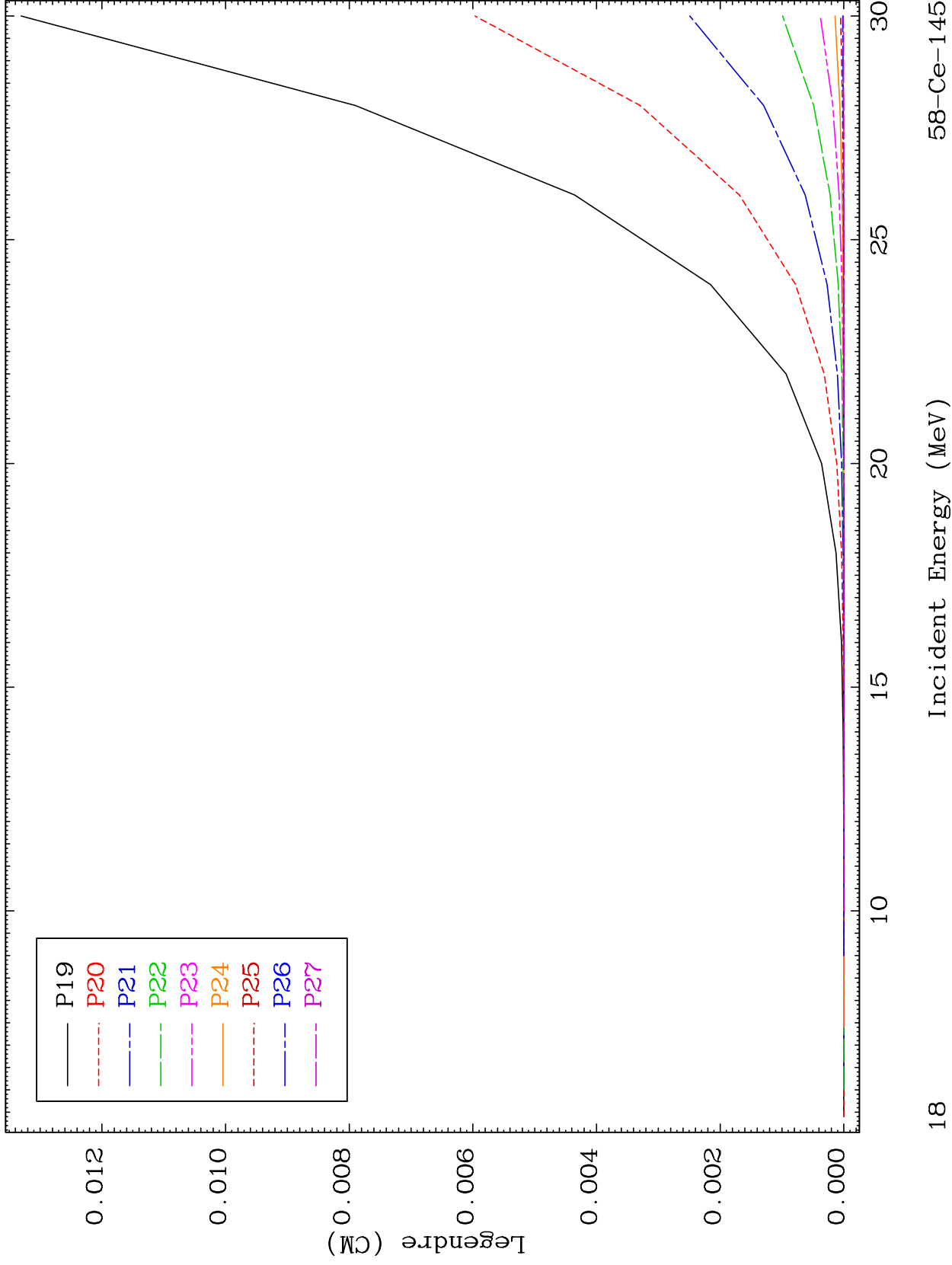
Incident Energy (MeV)

58-Ce-145

MAT 5852

Elastic Legendre Coefficients

58-Ce-145



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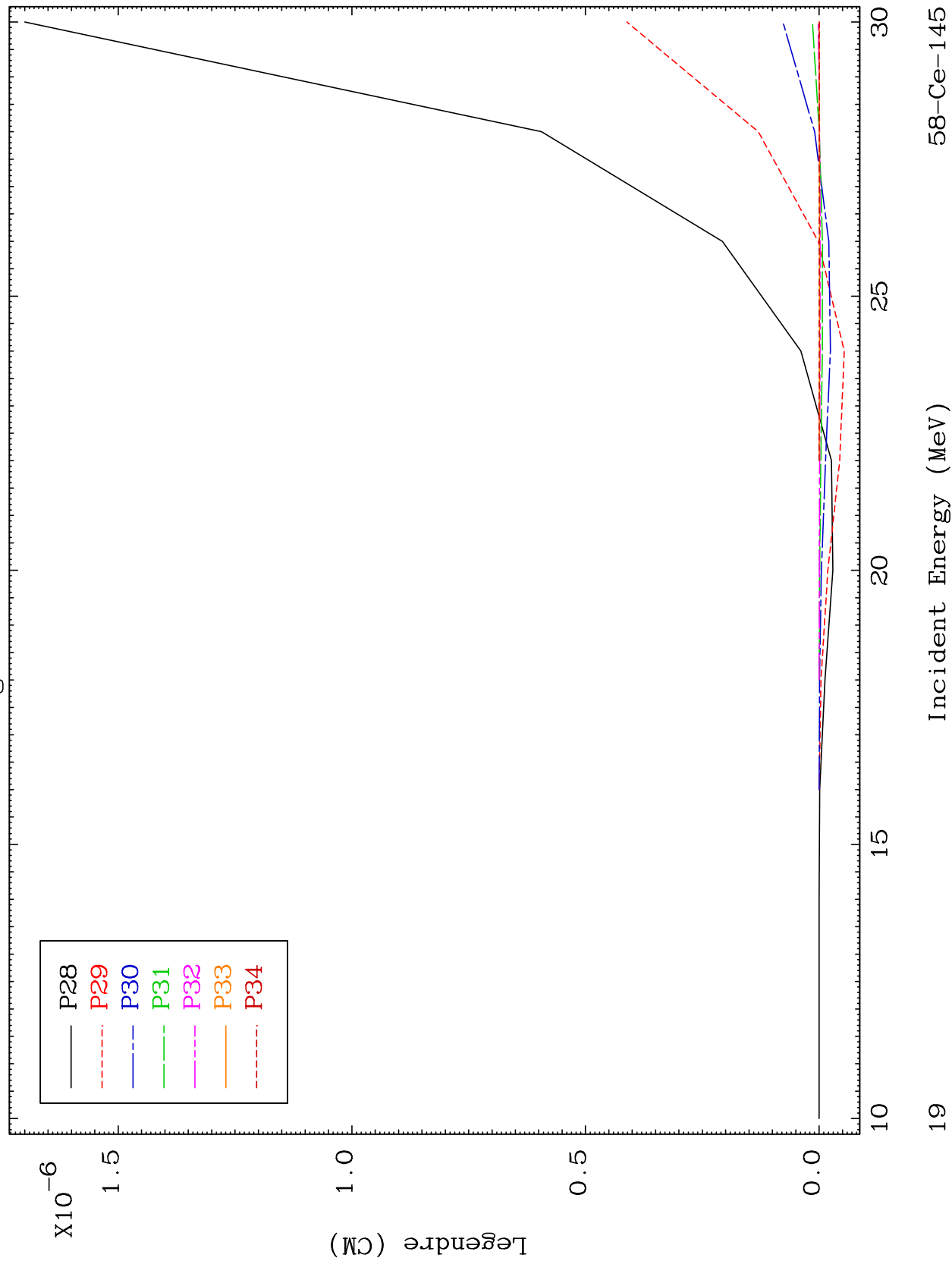
Incident Energy (MeV)

58-Ce-145

MAT 5852

Elastic Legendre Coefficients

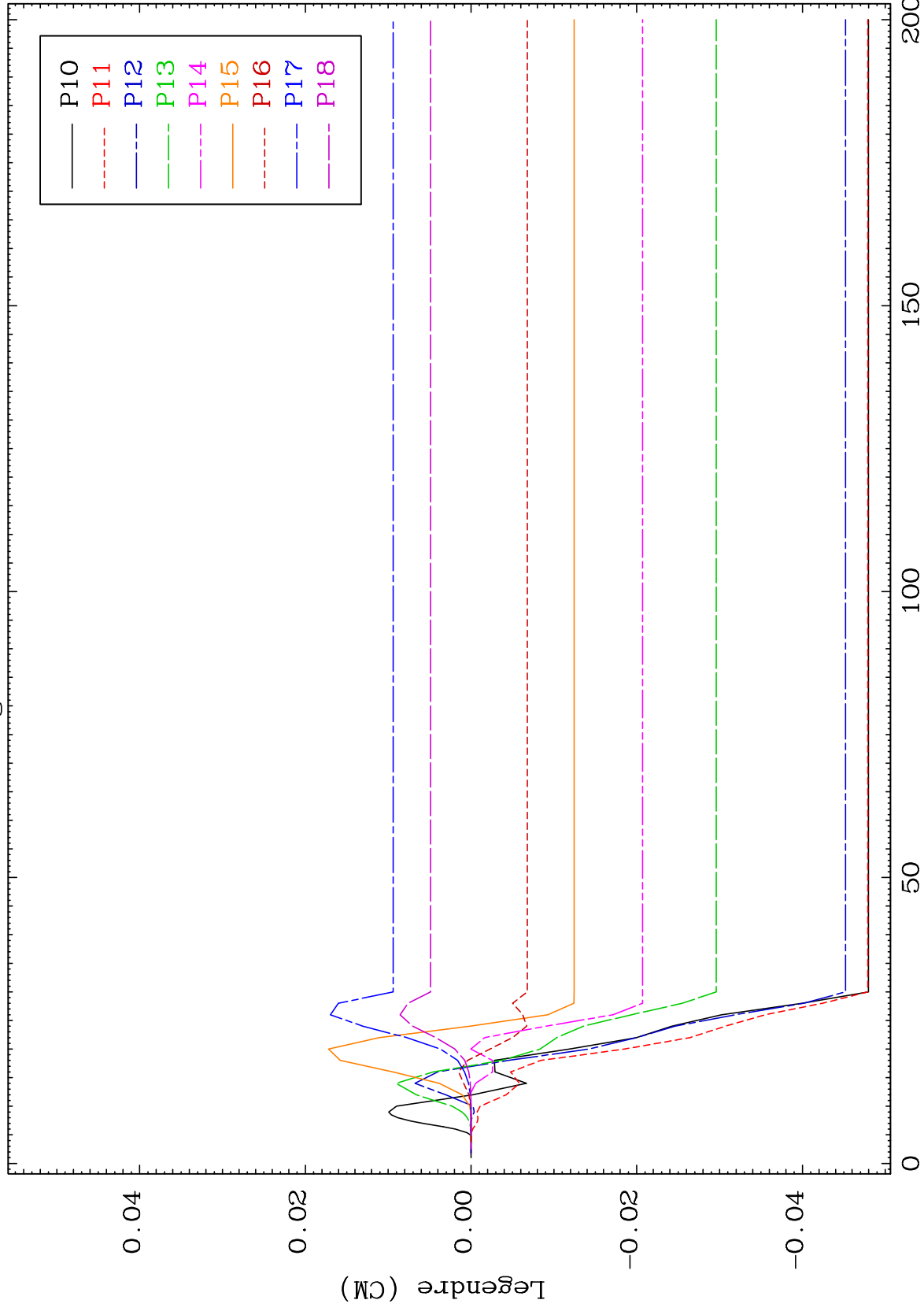
58-Ce-145



MAT 5852

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

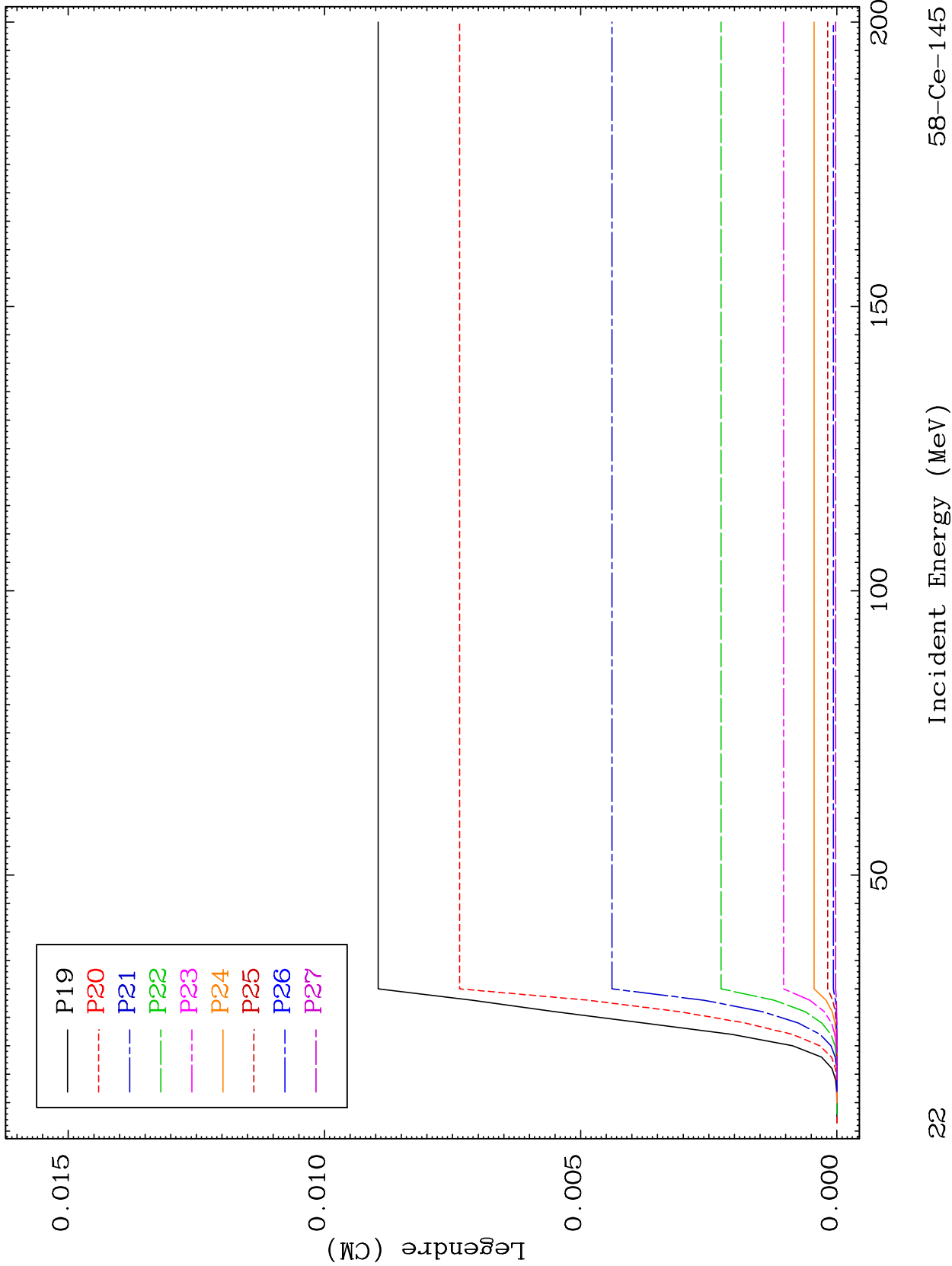
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21

Incident Energy (MeV)

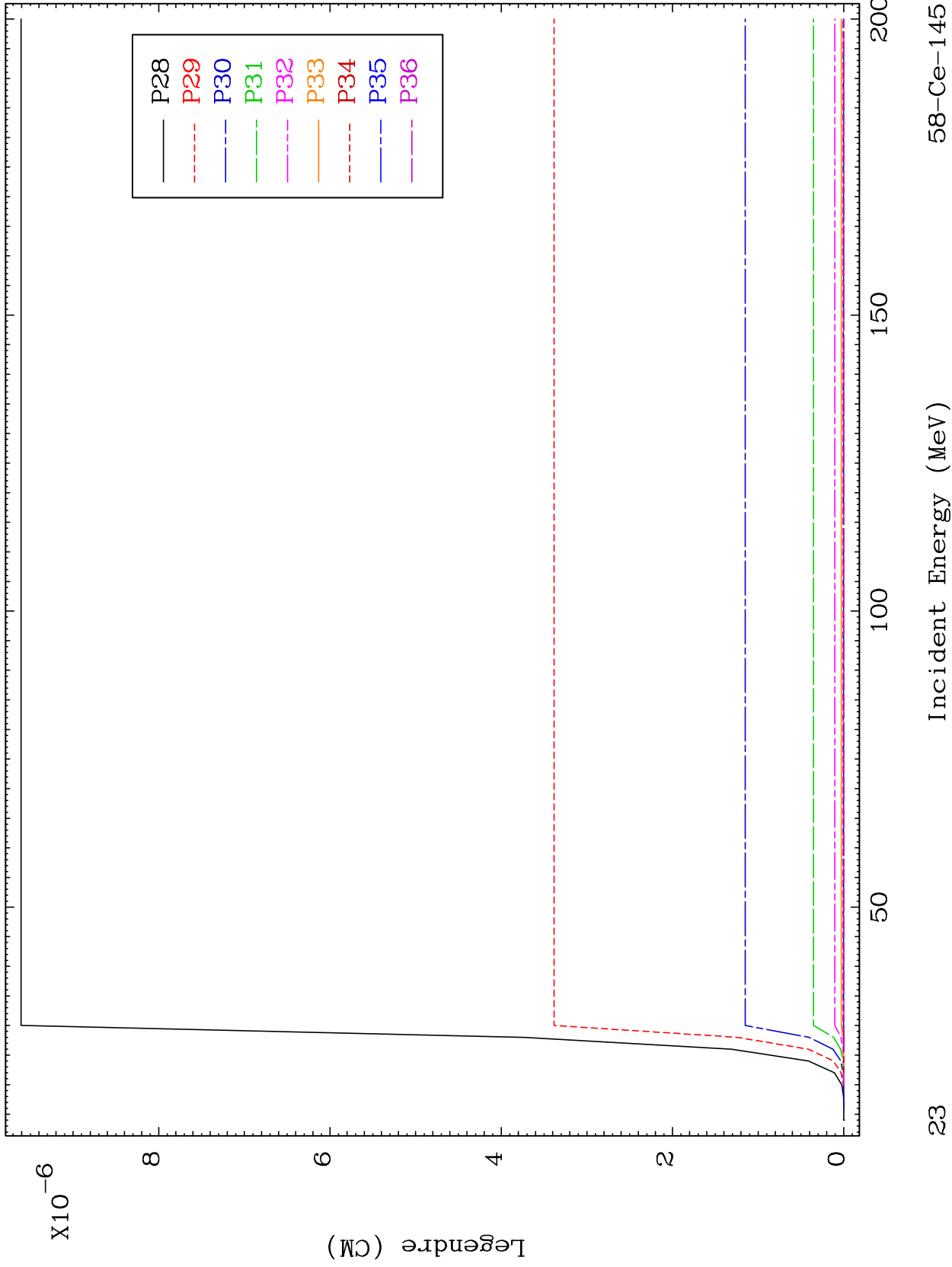
58-Ce-145



MAT 5852

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

58-Ce-145



23

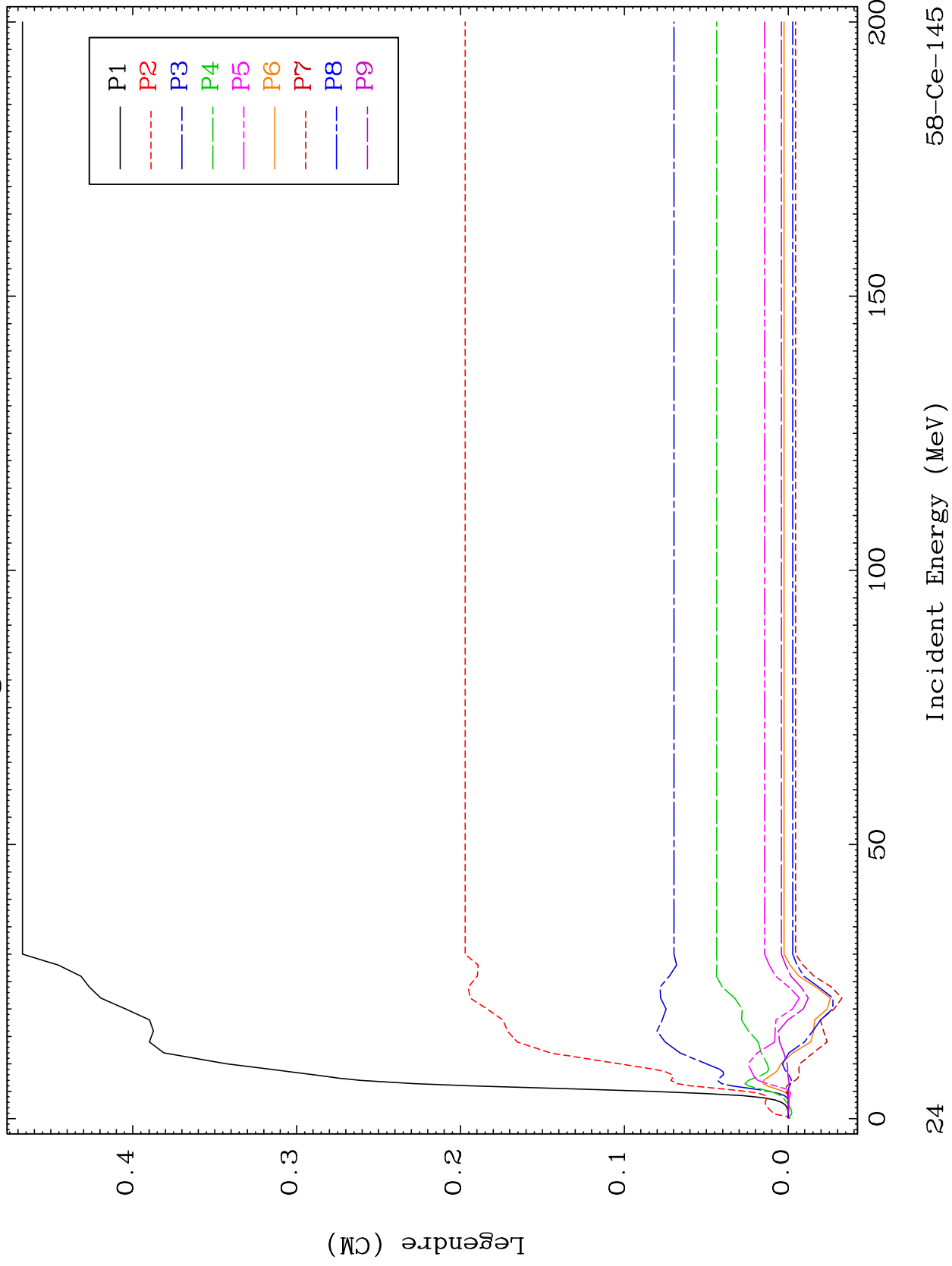
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

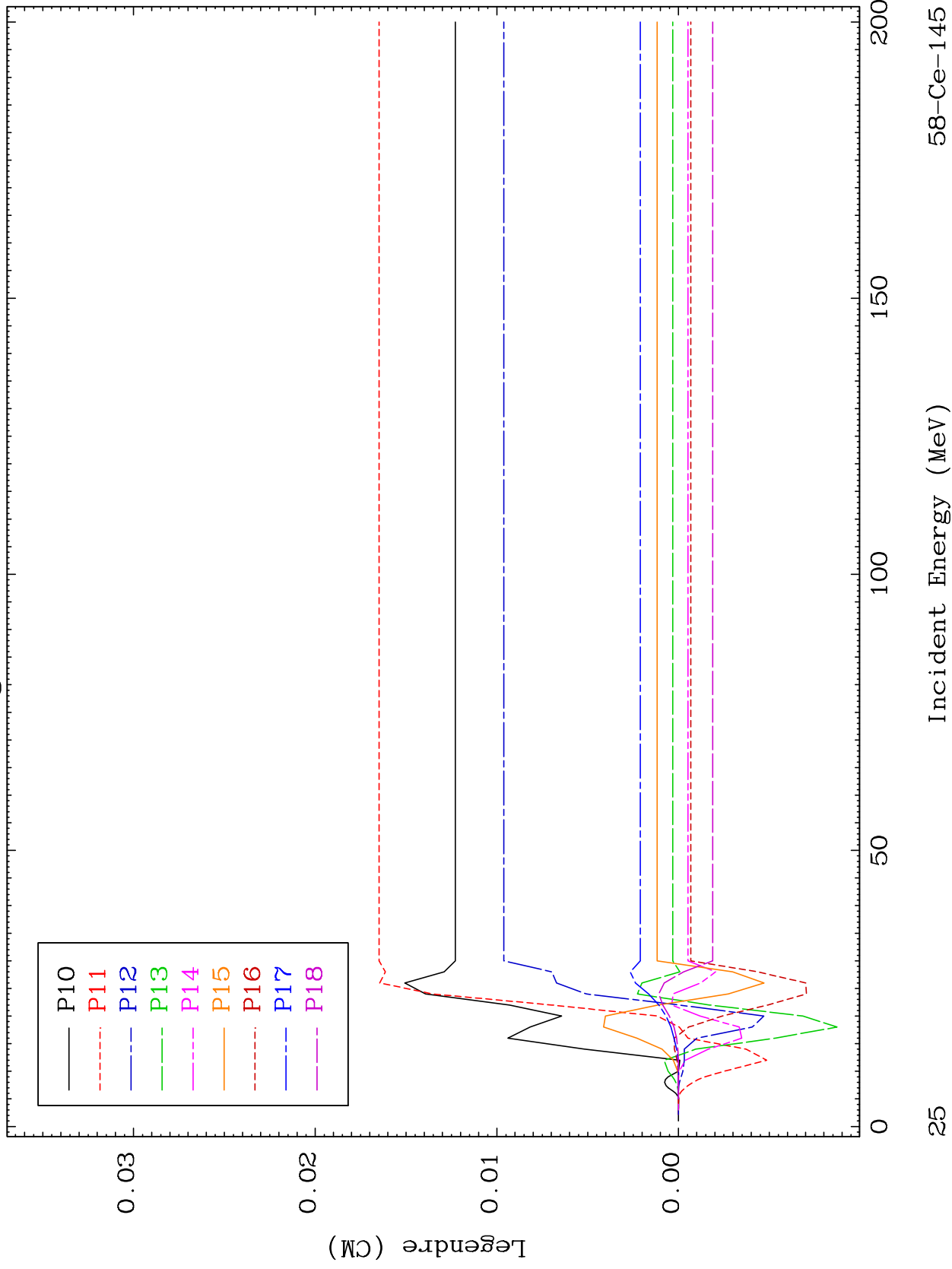
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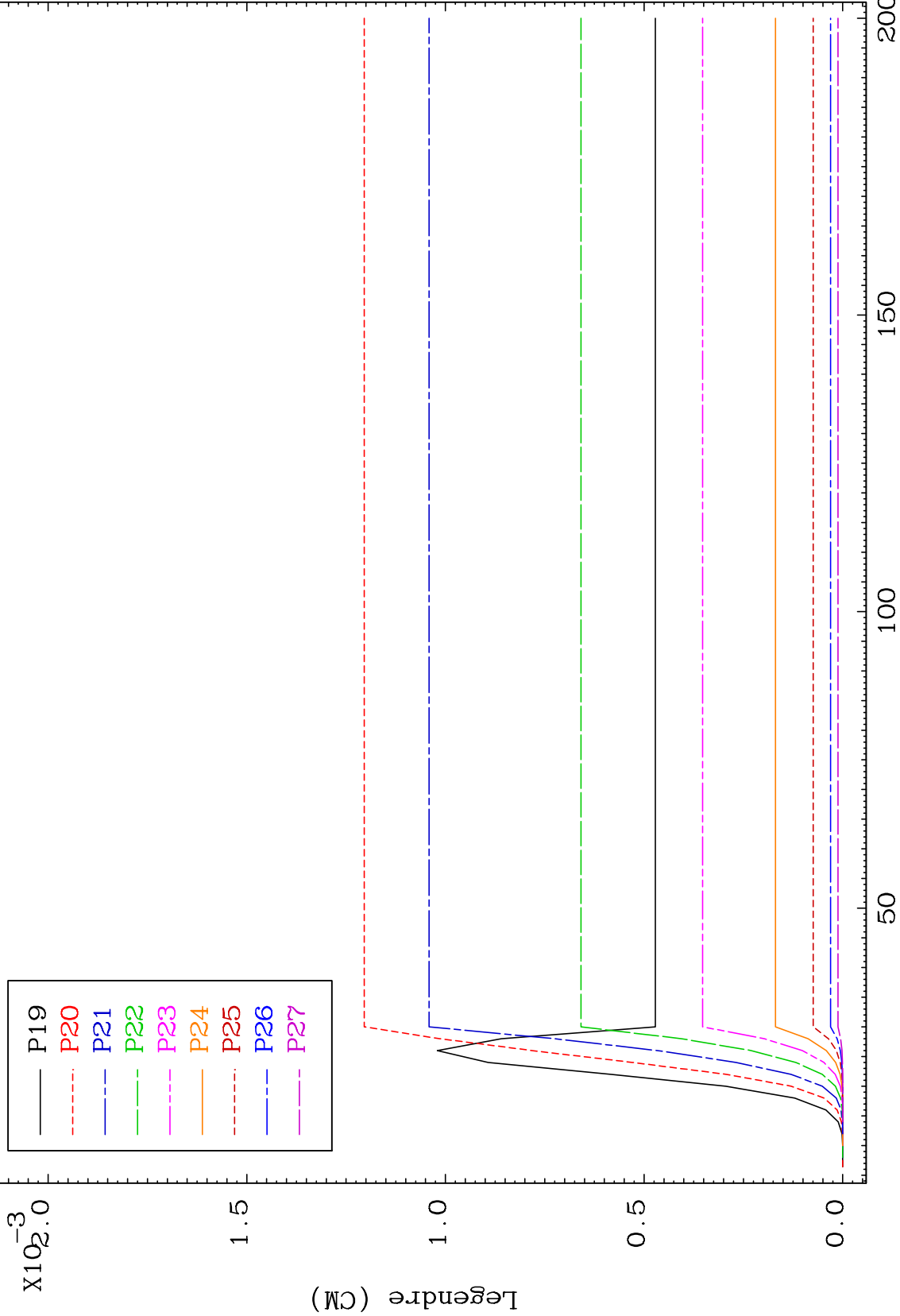
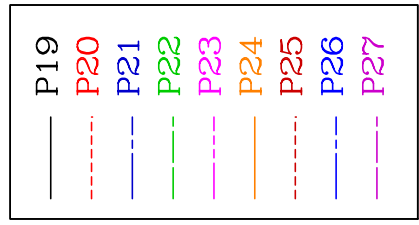


MAT 5852

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

58-Ce-145

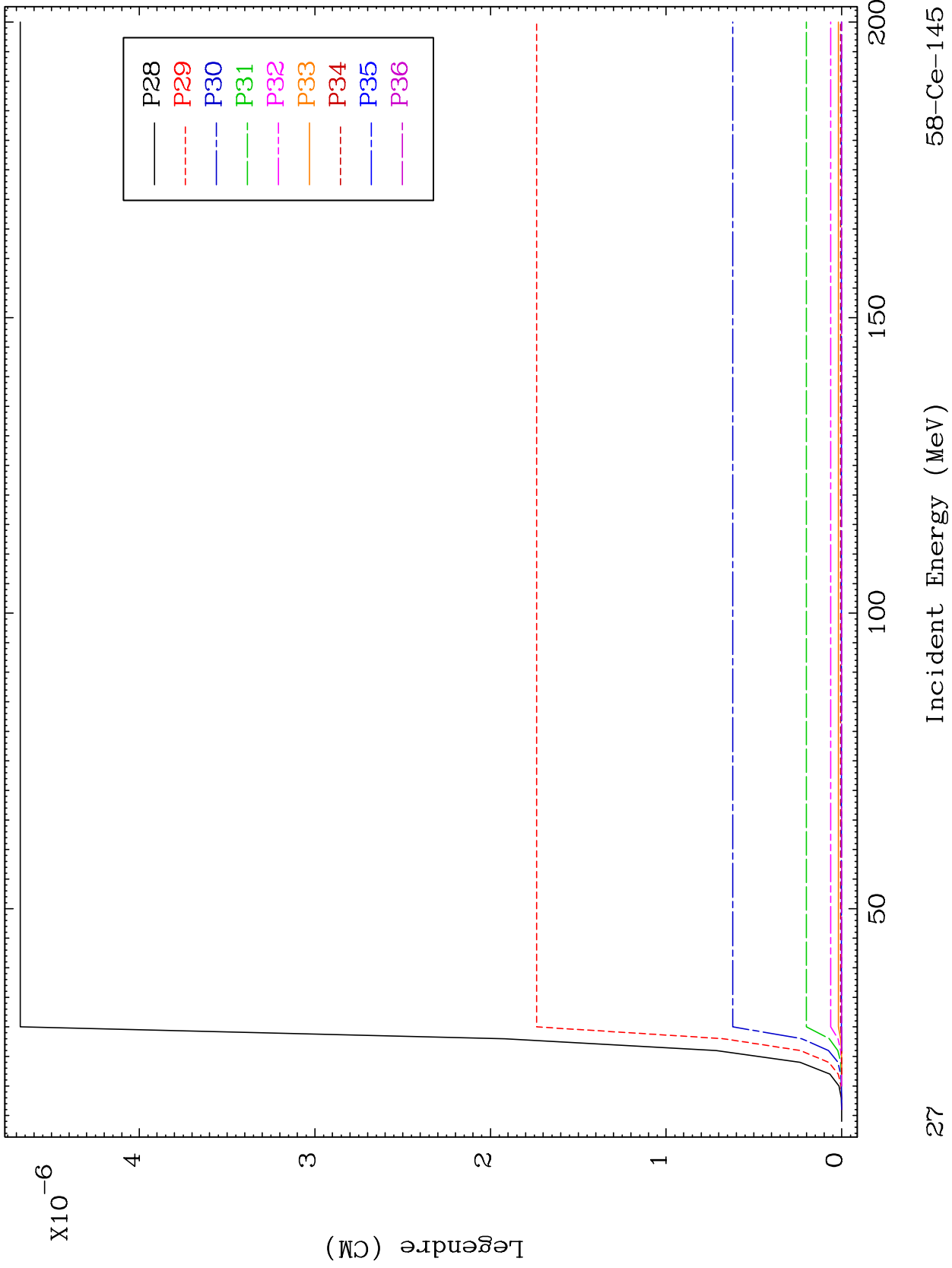




MAT 5852

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

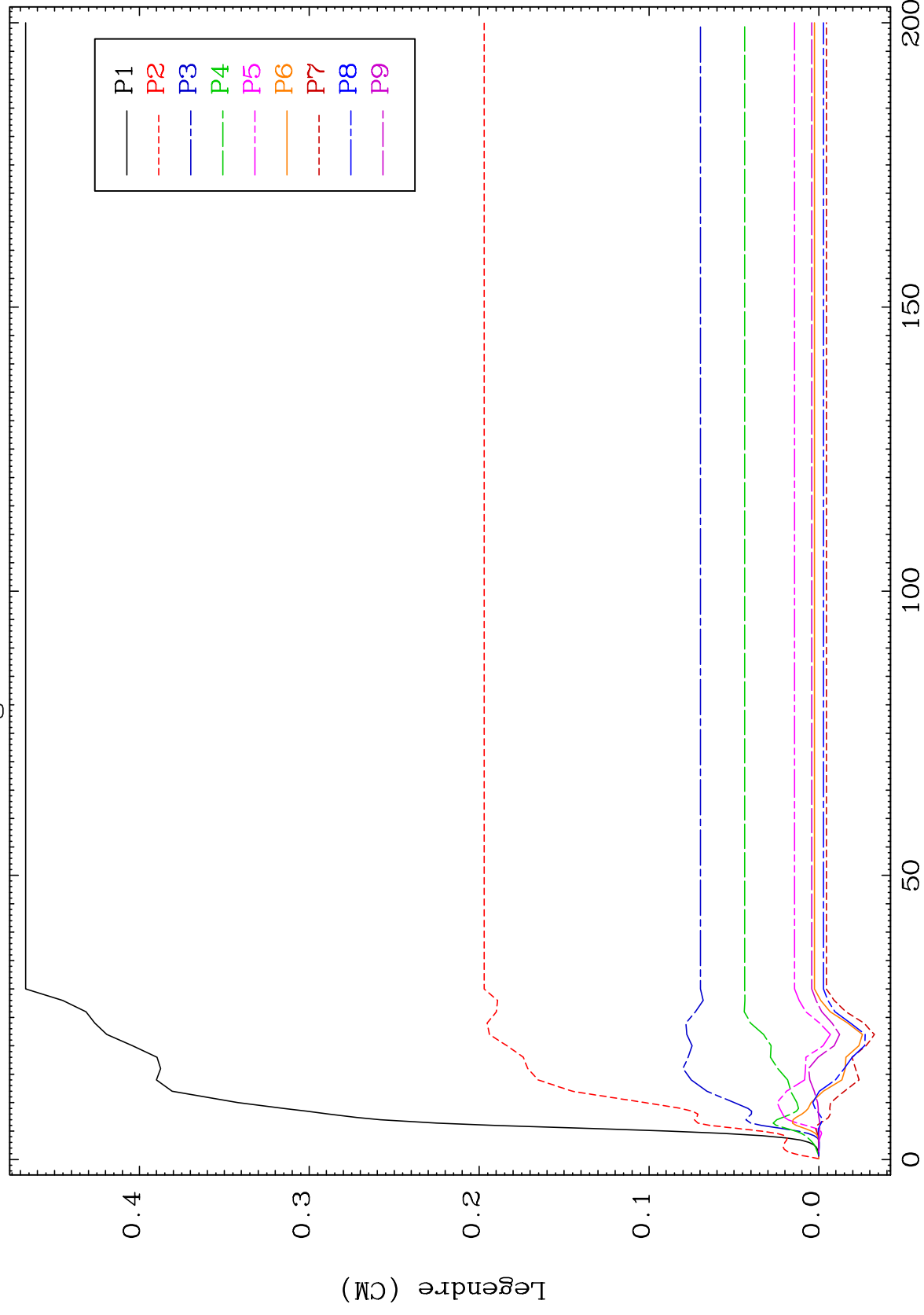
58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

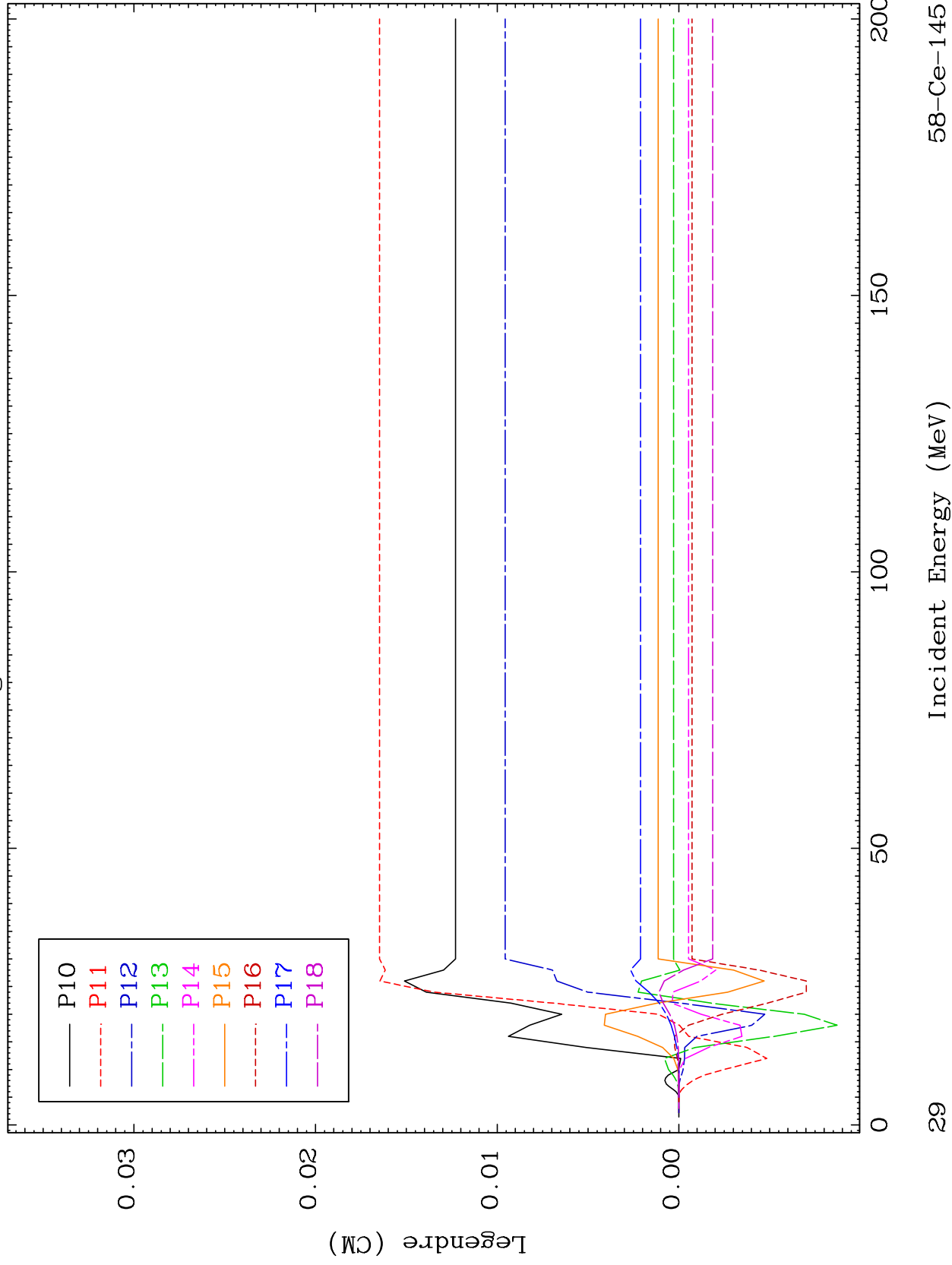
Incident Energy (MeV)

28

MAT 5852

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

58-Ce-145



29

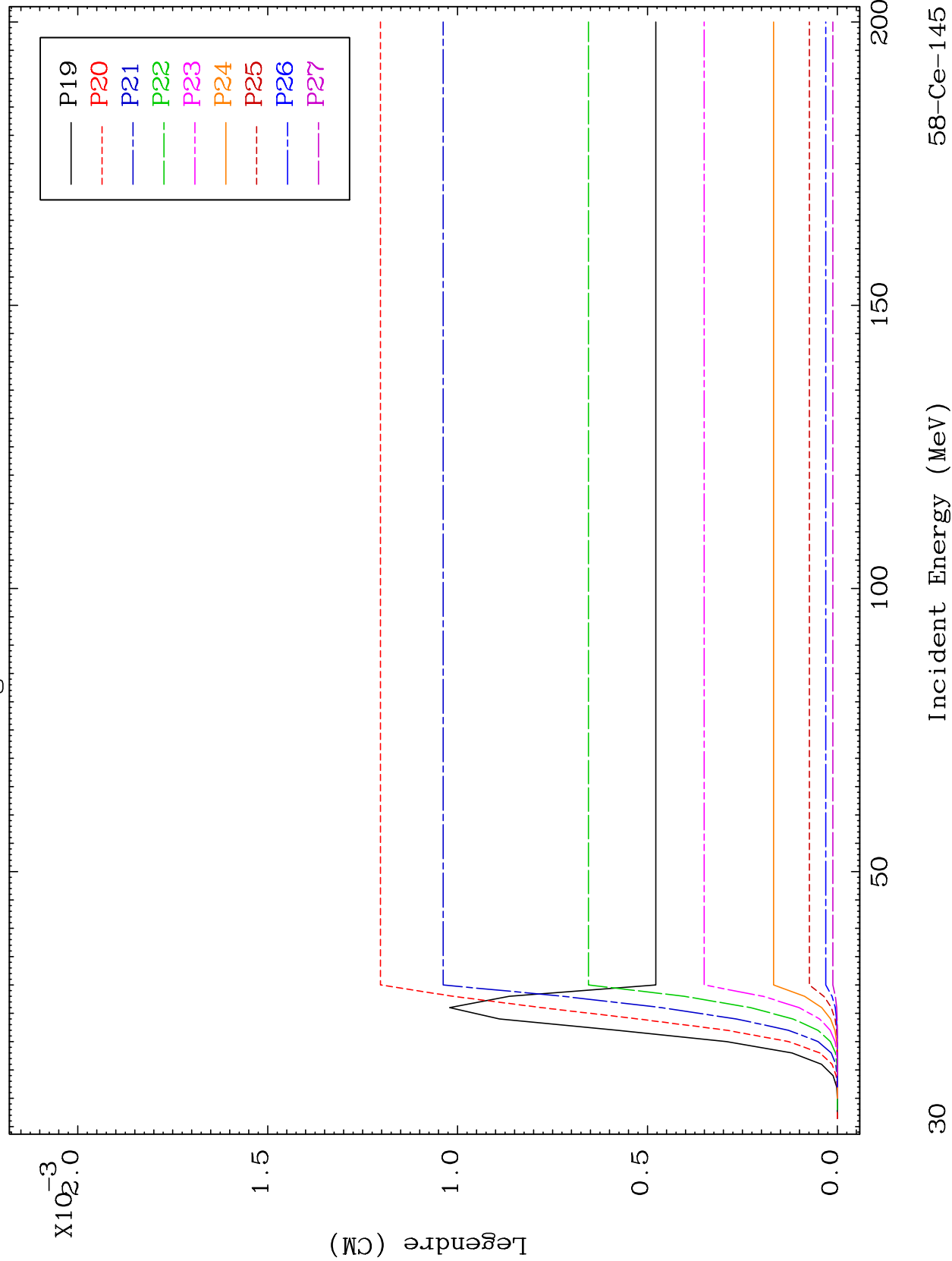
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

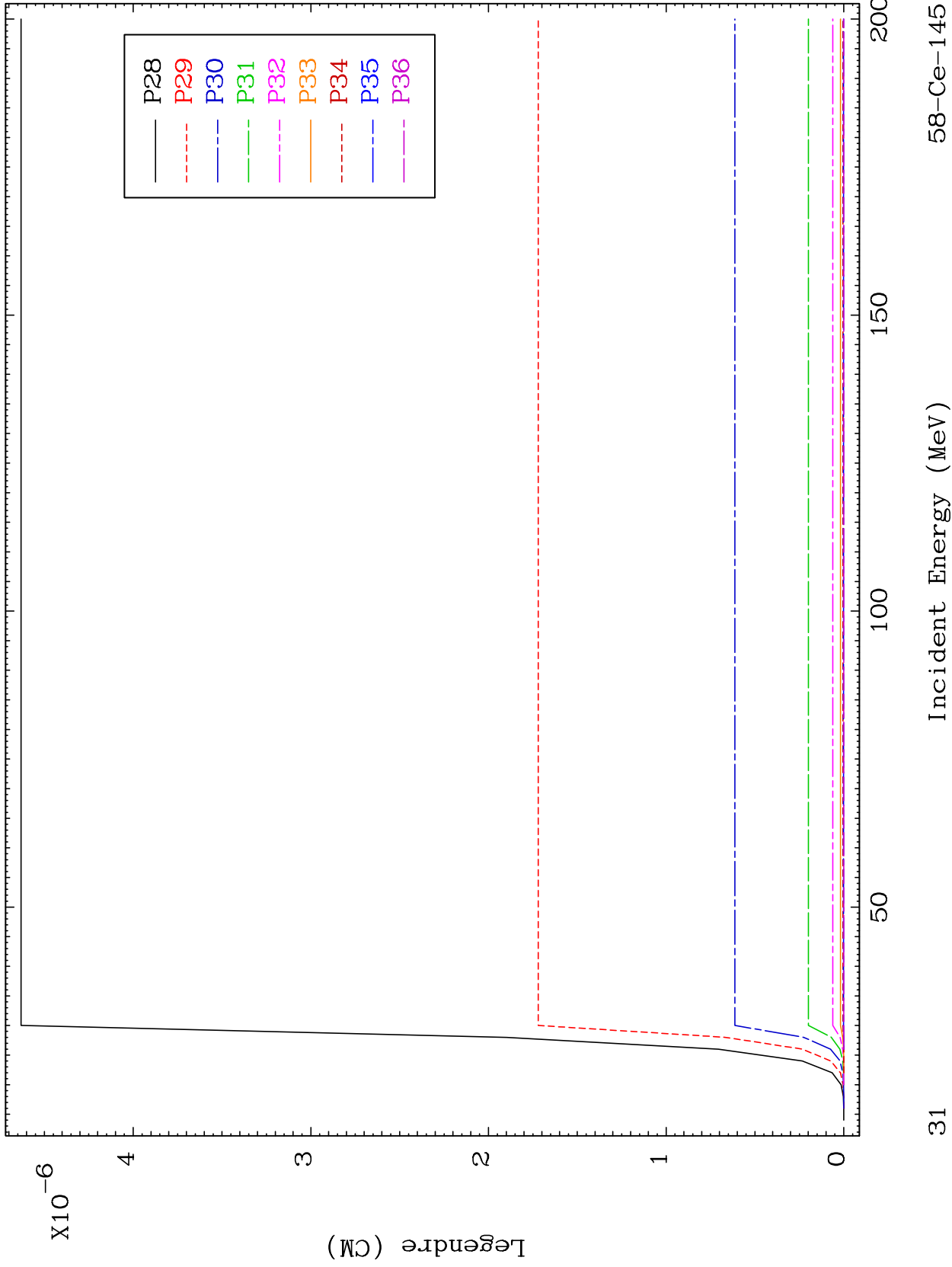
58-Ce-145



MAT 5852

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

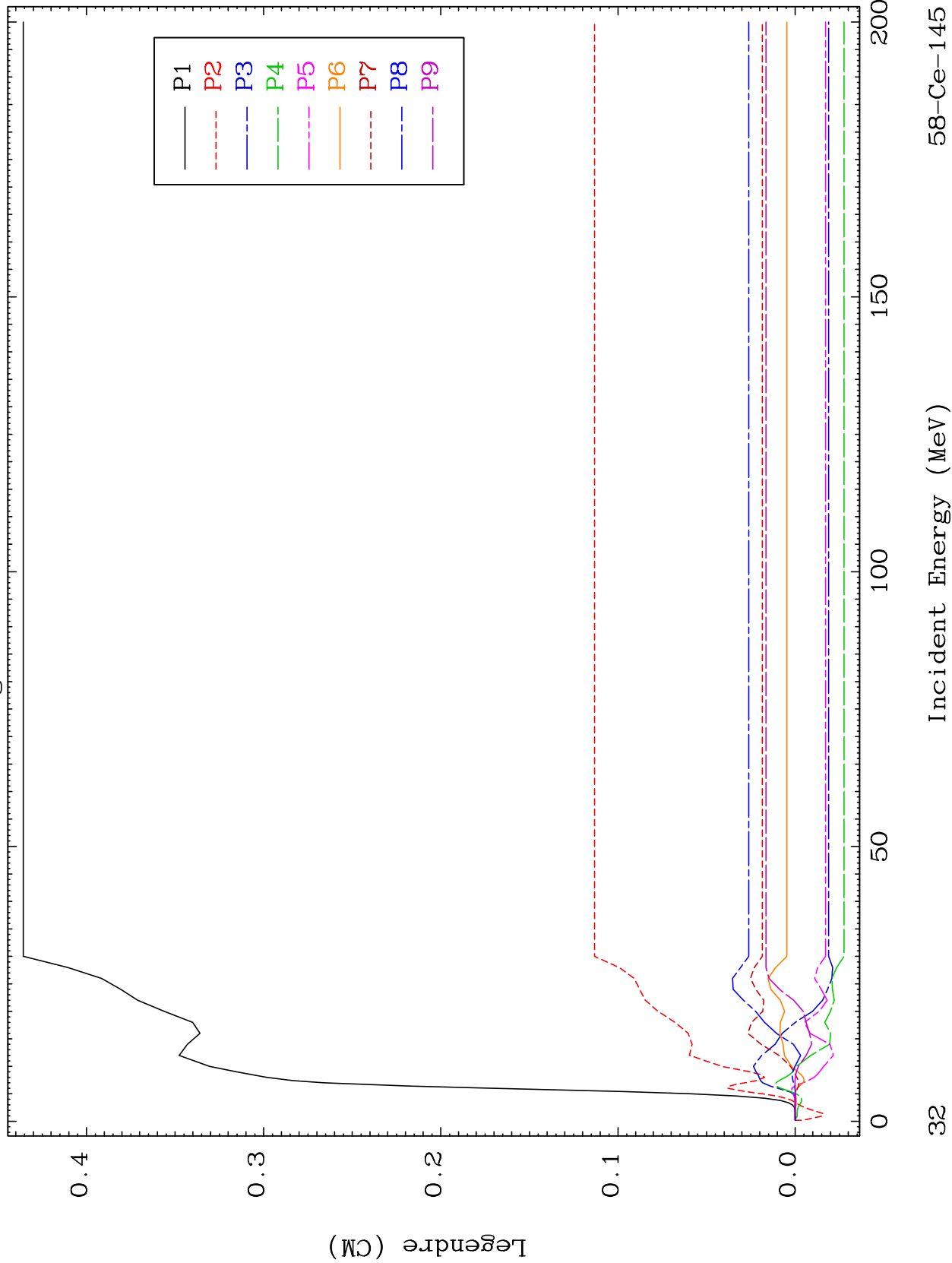
58-Ce-145



MAT 5852

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

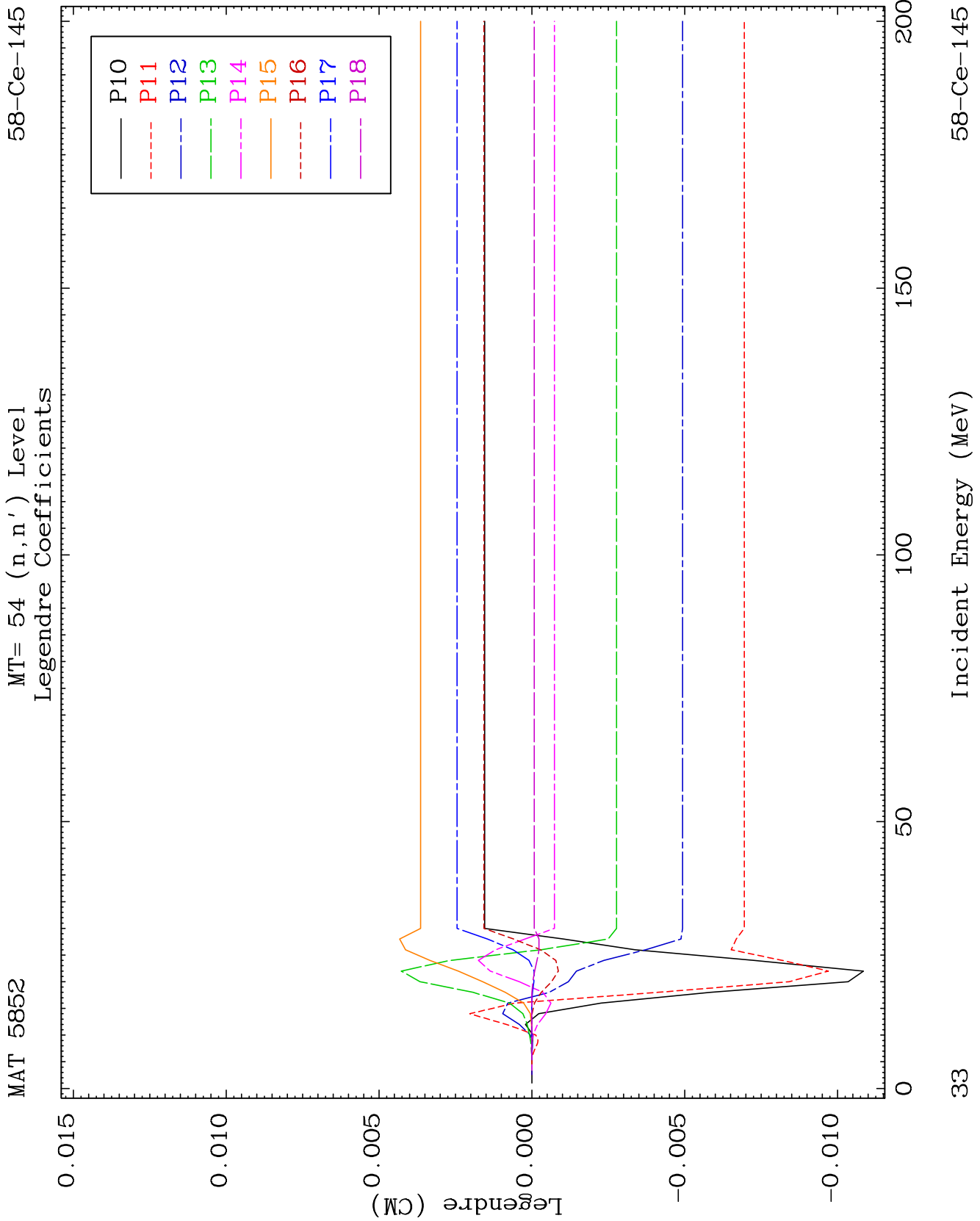
58-Ce-145

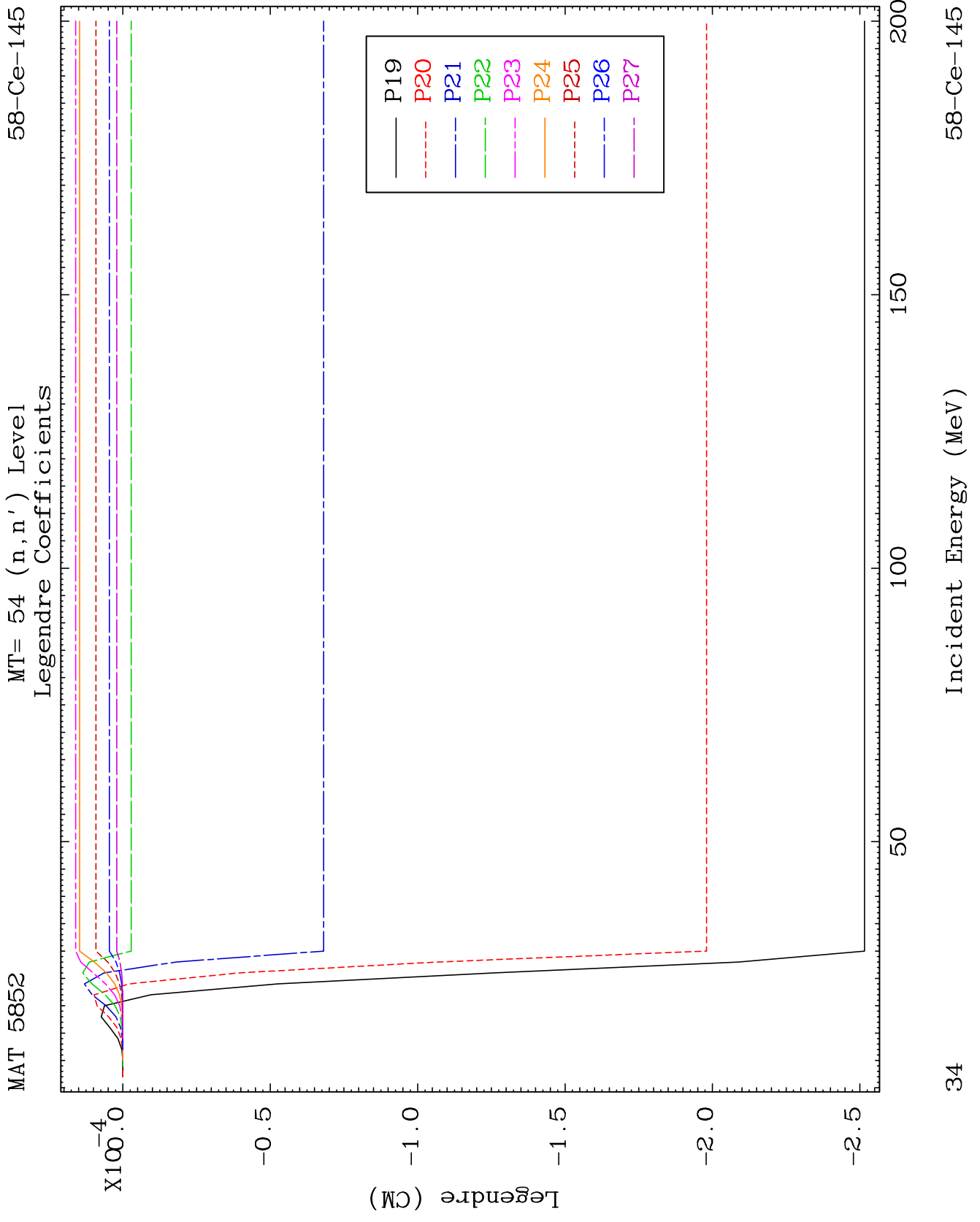


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Incident Energy (MeV)

58-Ce-145

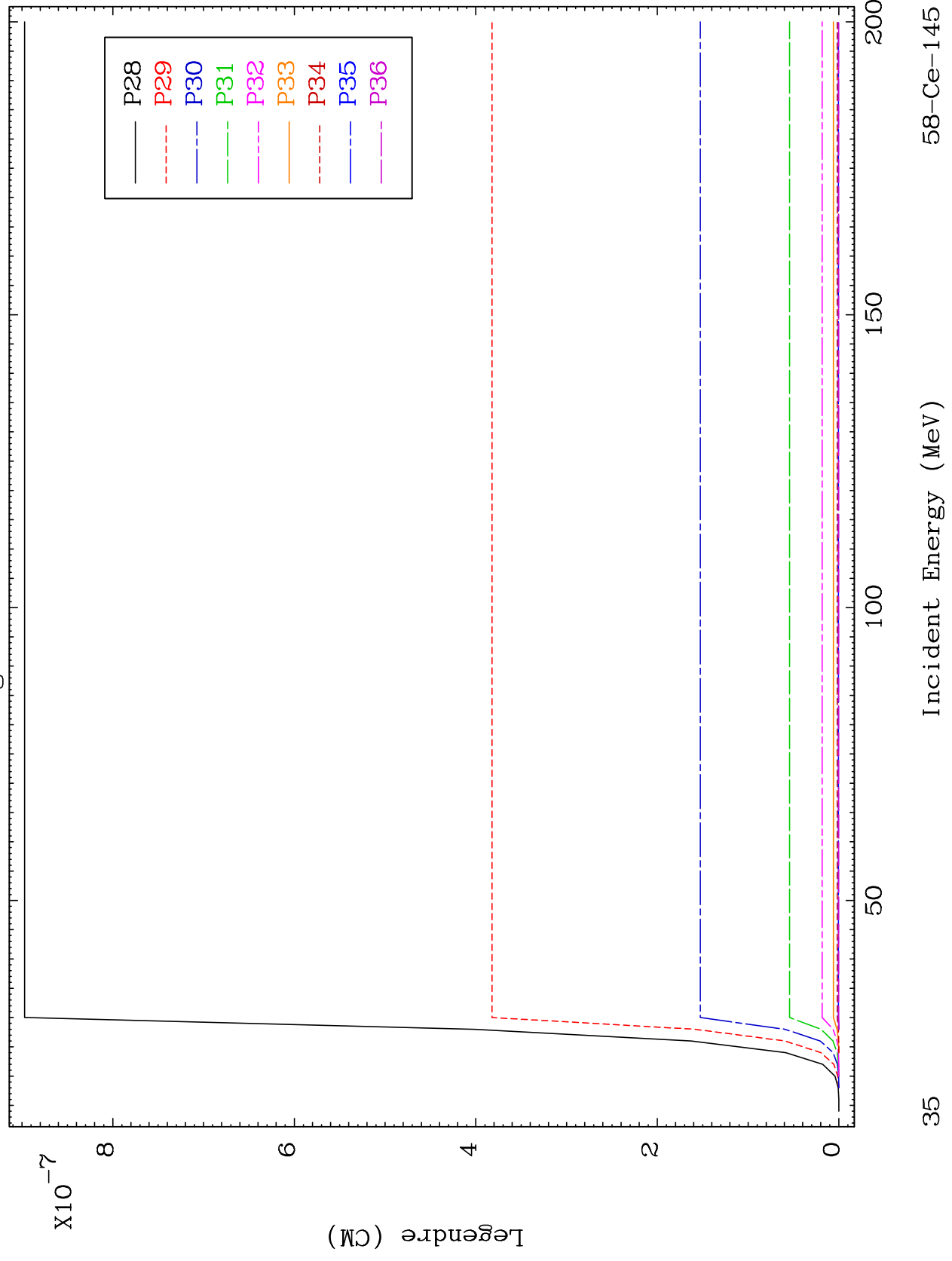




MAT 5852

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

58-Ce-145



35

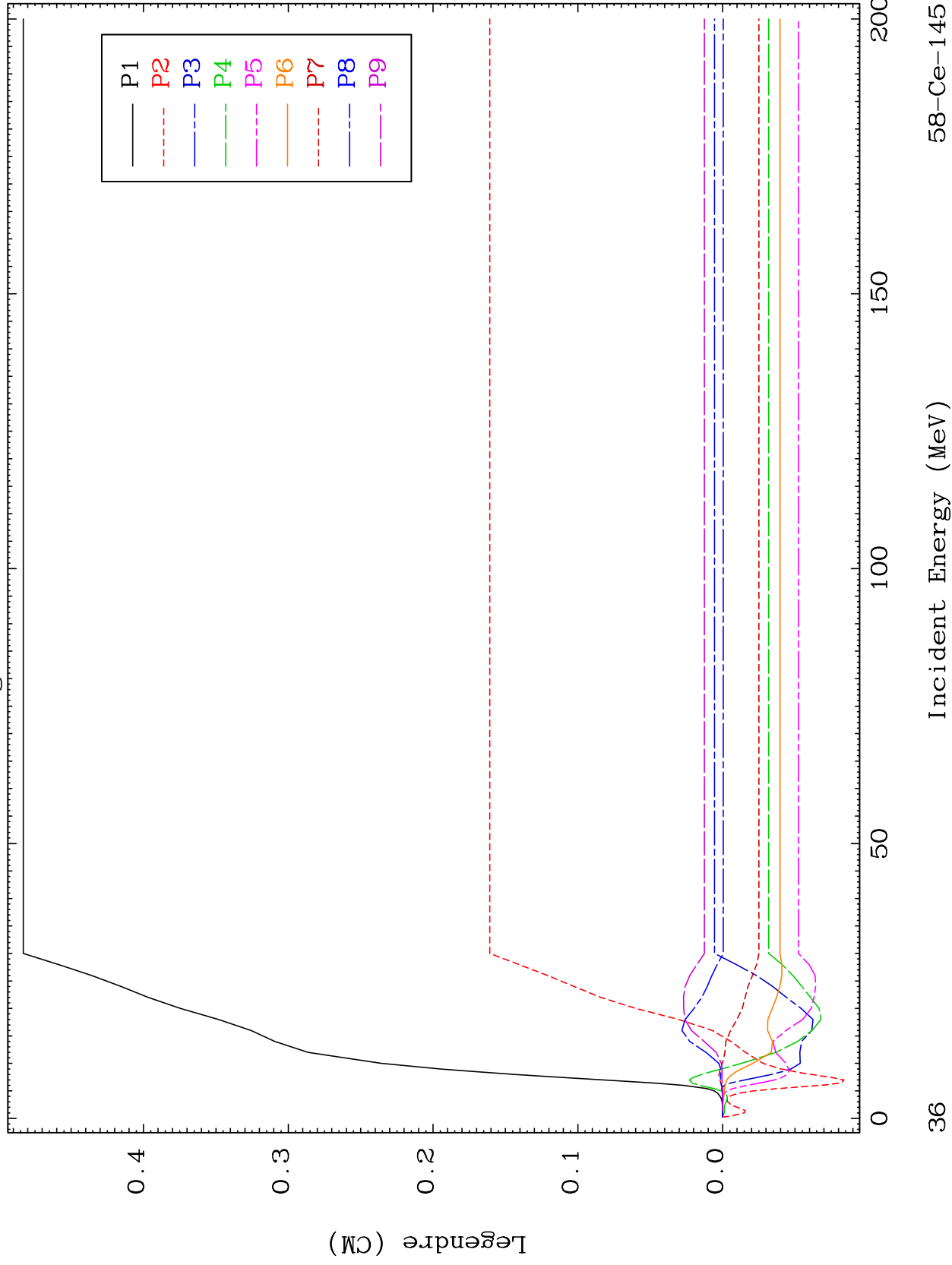
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



58-Ce-145

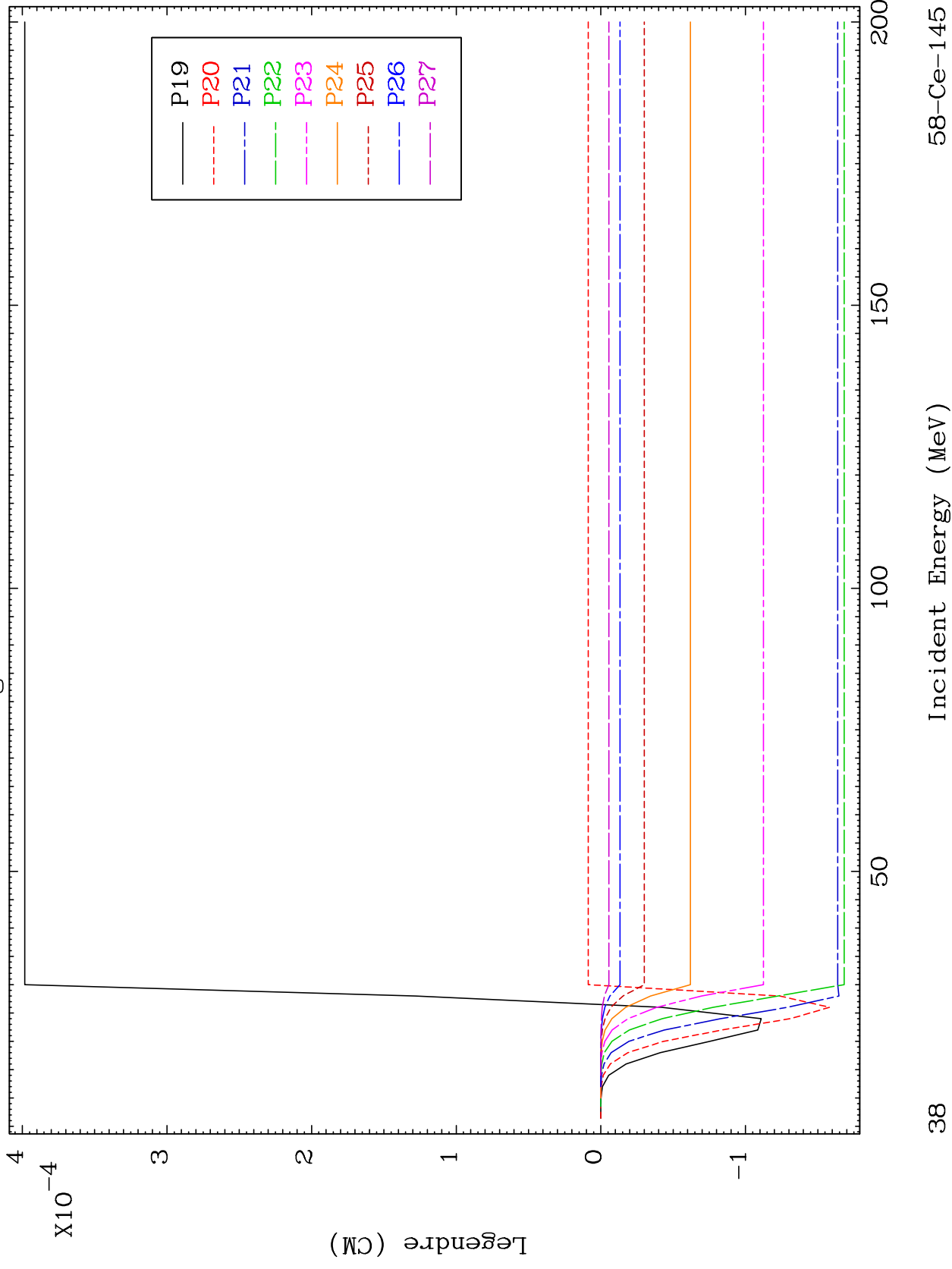
Incident Energy (MeV)

36

MAT 5852

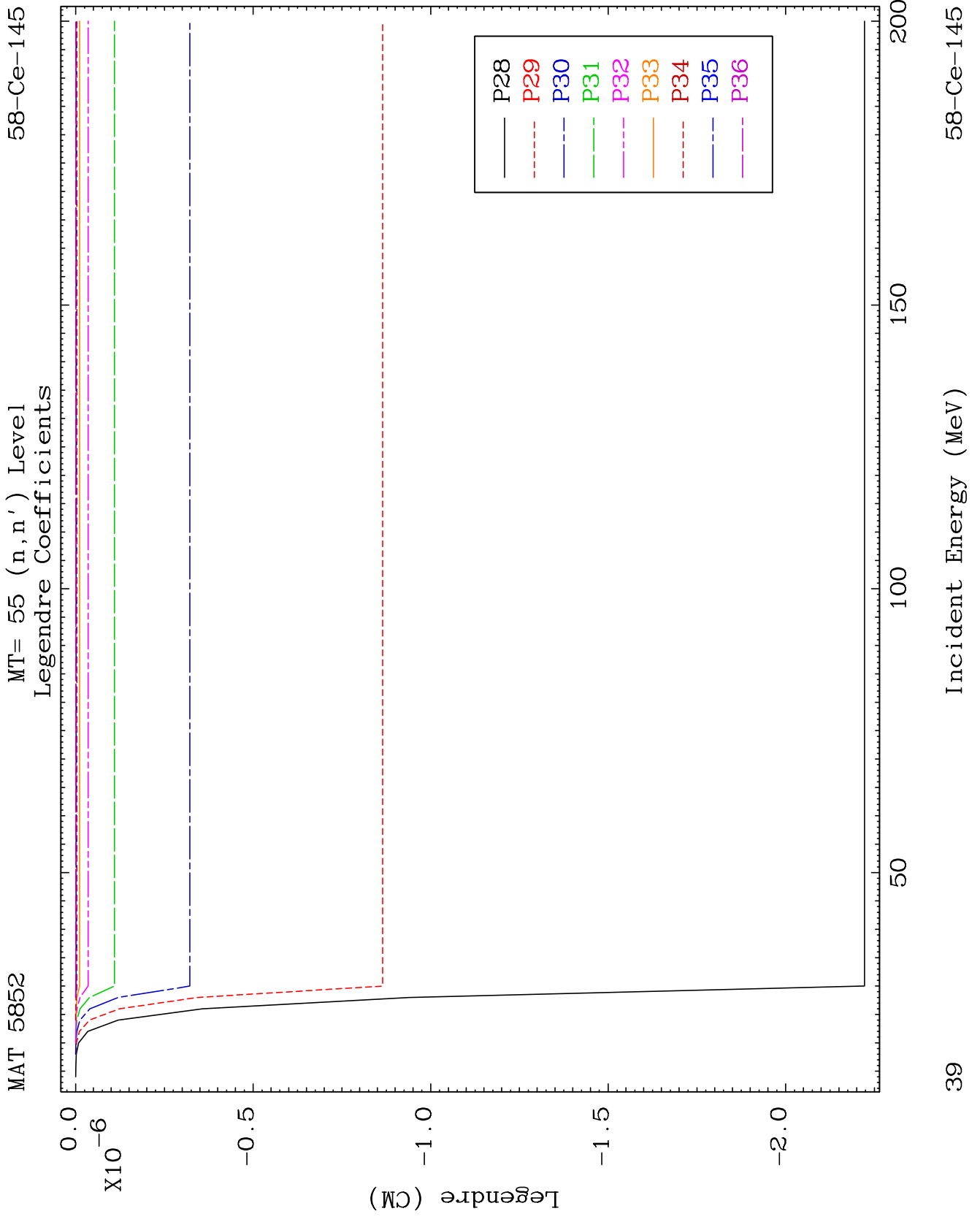
MT= 55 (n,n') Level
Legendre Coefficients

58-Ce-145



38

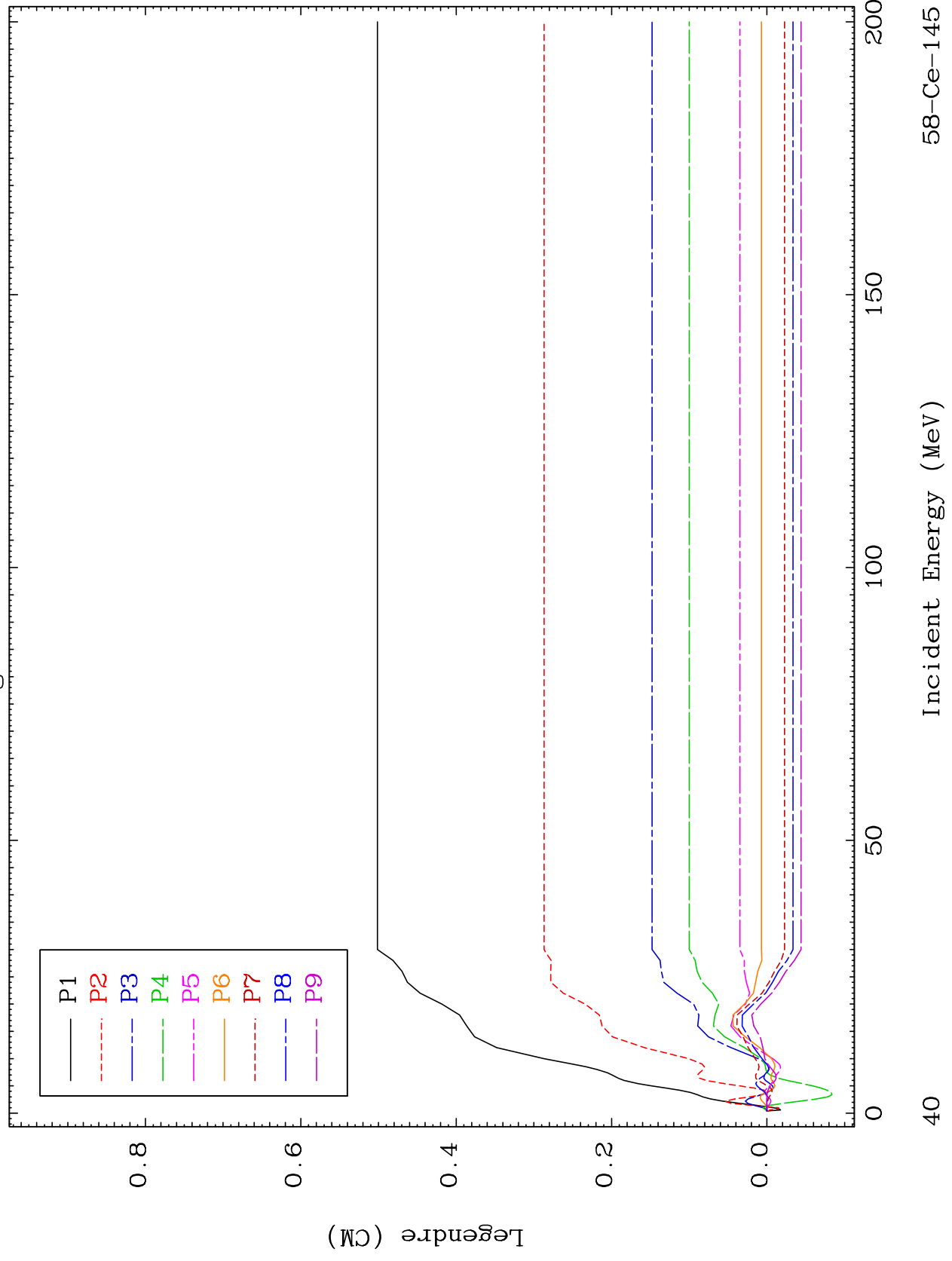
58-Ce-145



MAT 5852

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

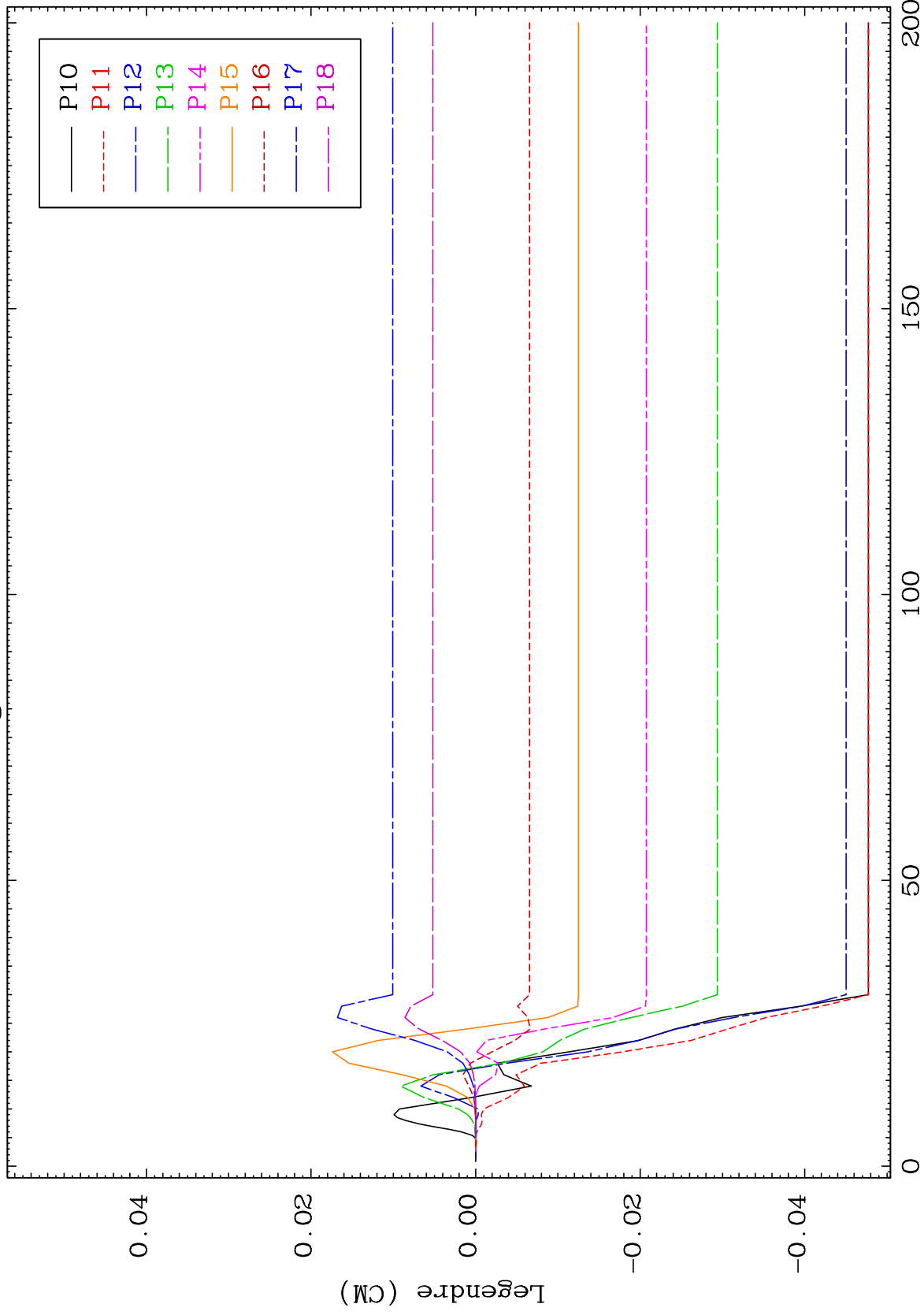
58-Ce-145



MAT 5852

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

58-Ce-145



41

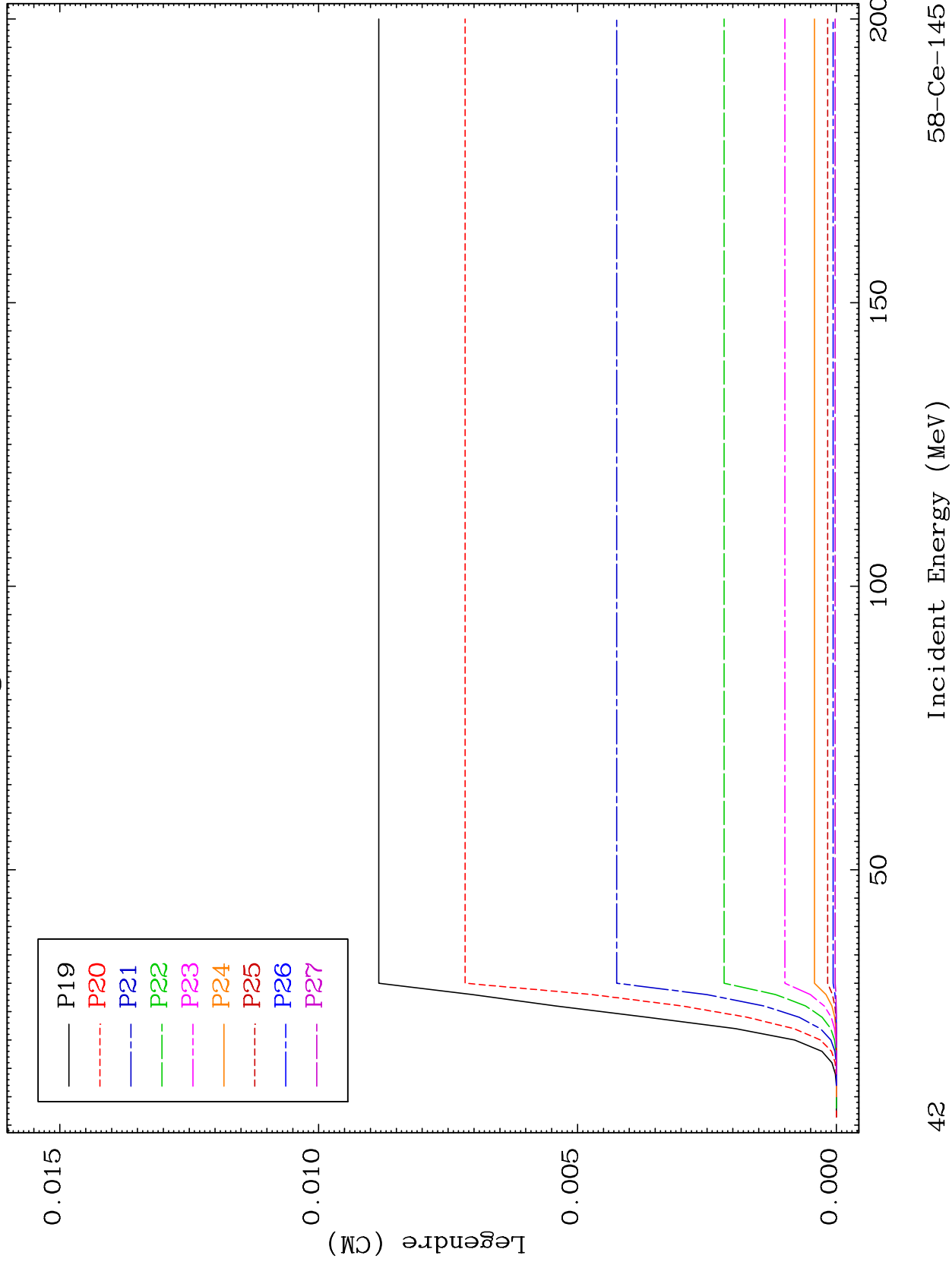
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



42

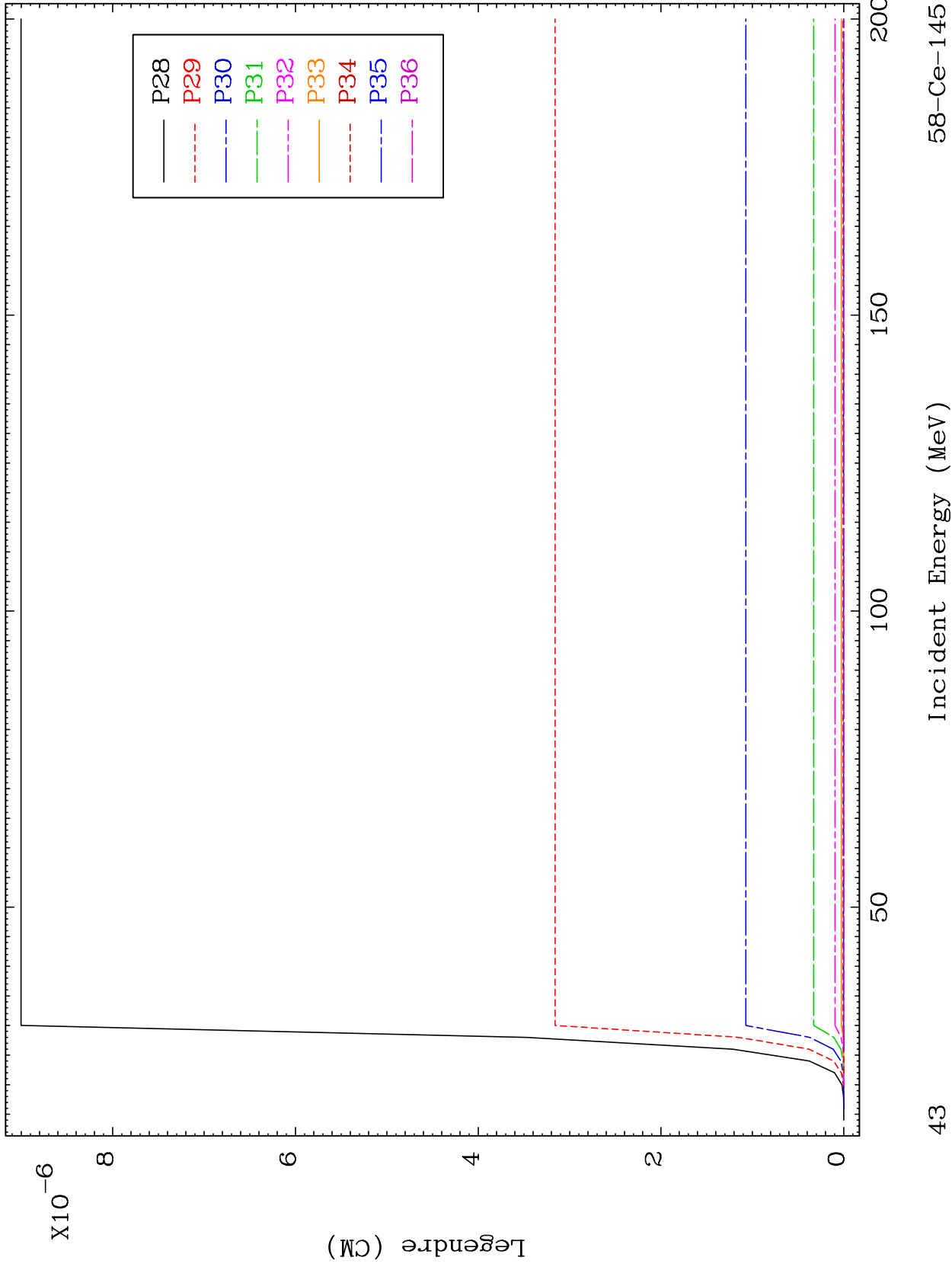
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



43

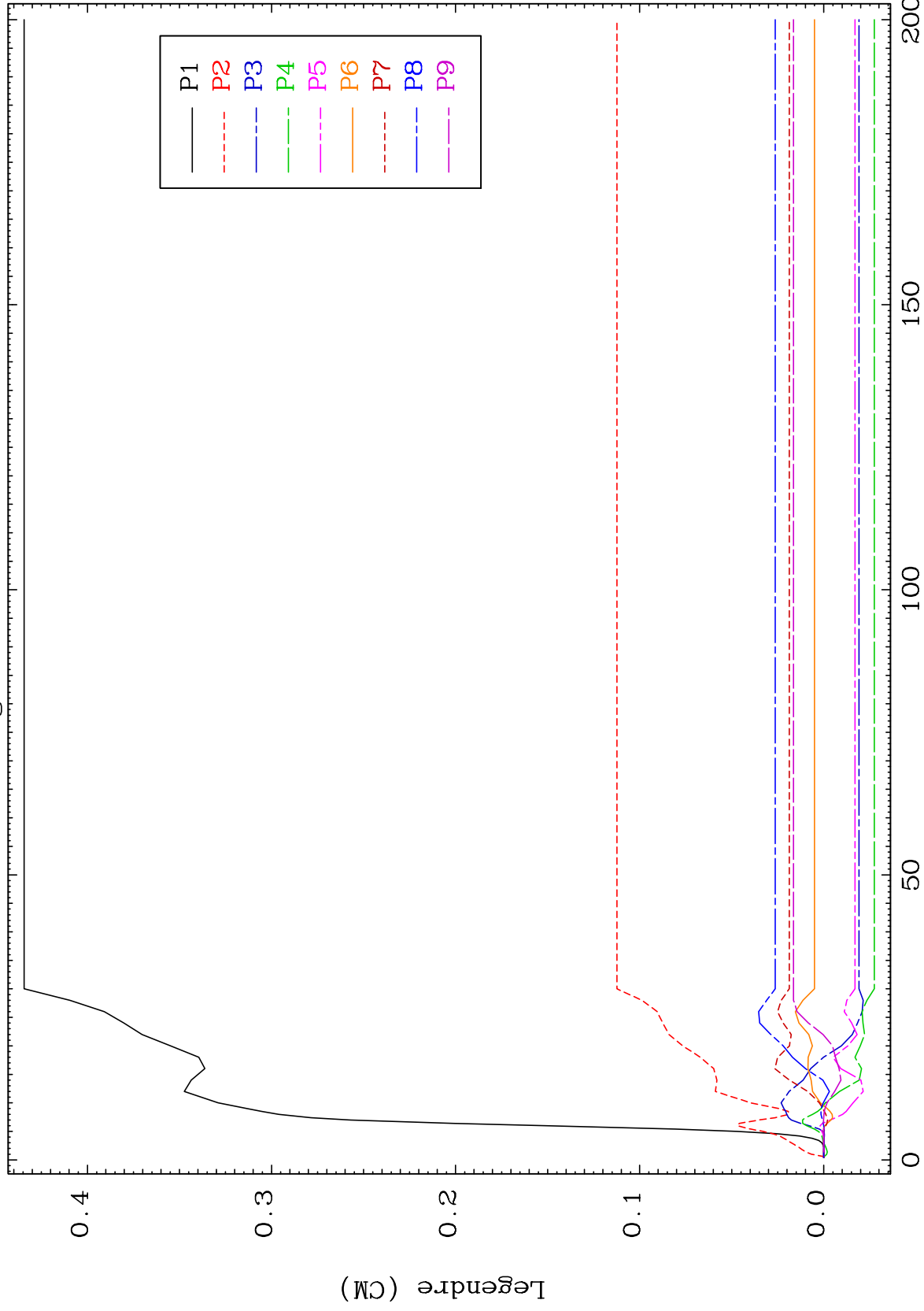
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



58-Ce-145

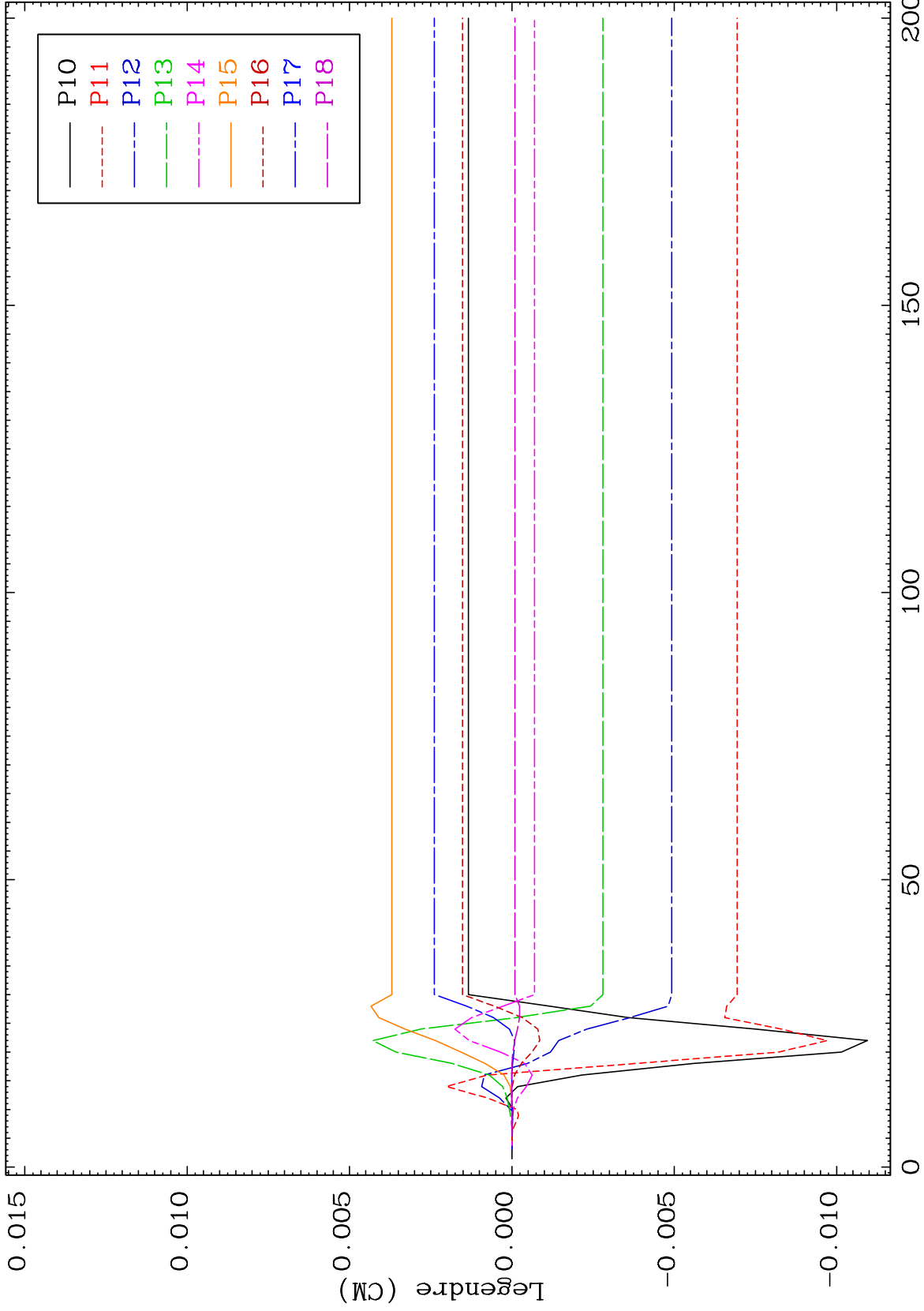
Incident Energy (MeV)

44

MAT 5852

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

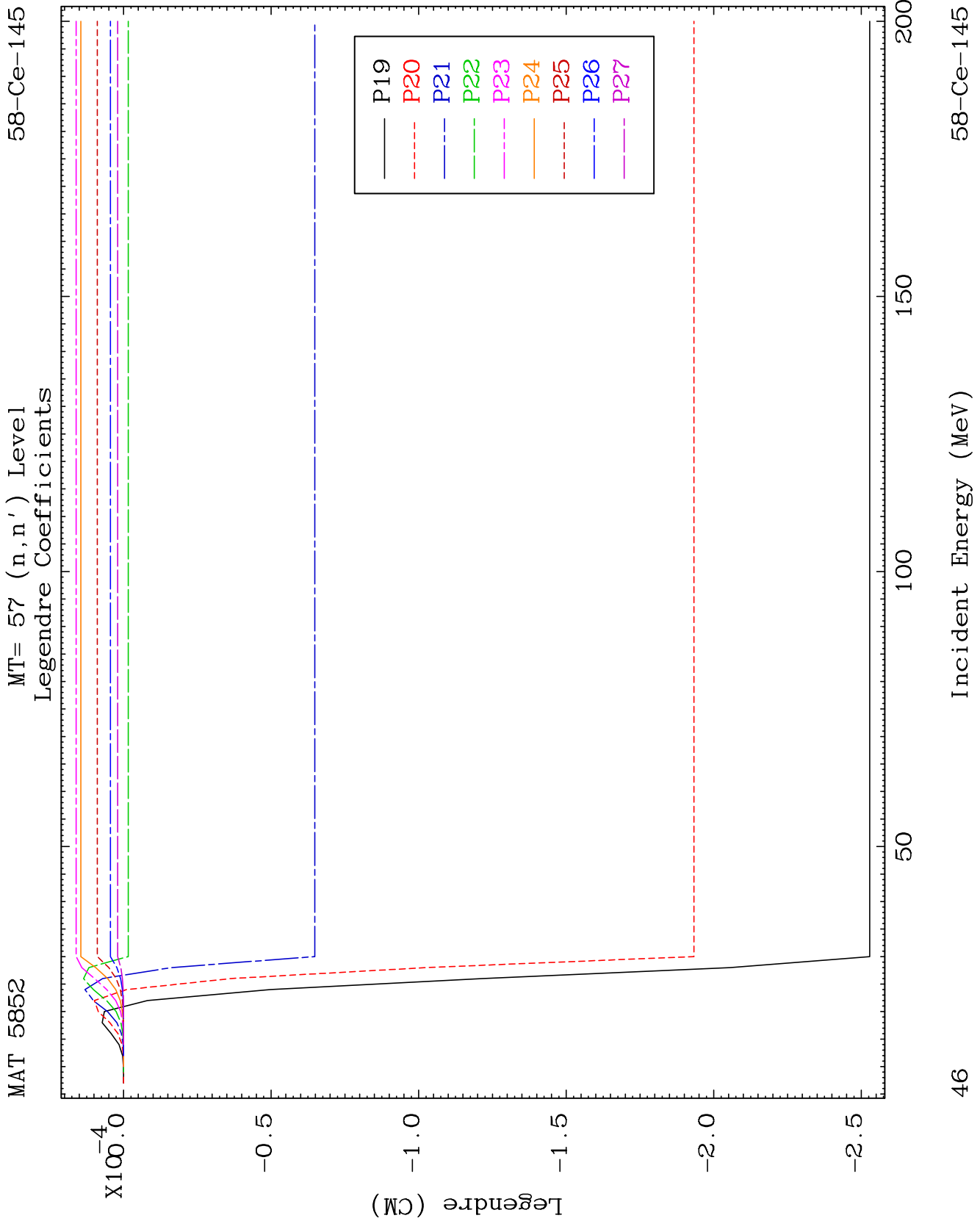
58-Ce-145



58-Ce-145

Incident Energy (MeV)

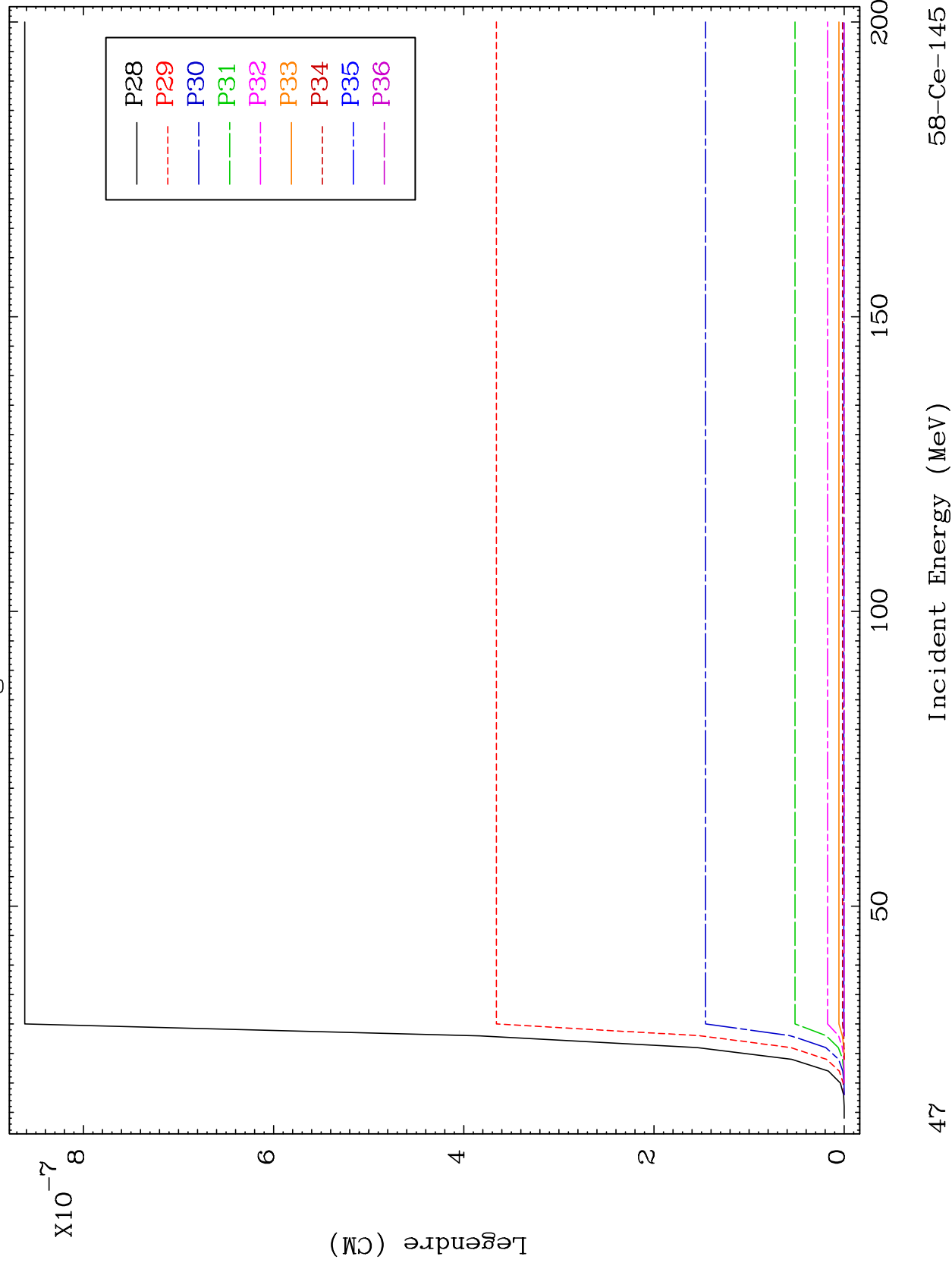
45



MAT 5852

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

58-Ce-145



47

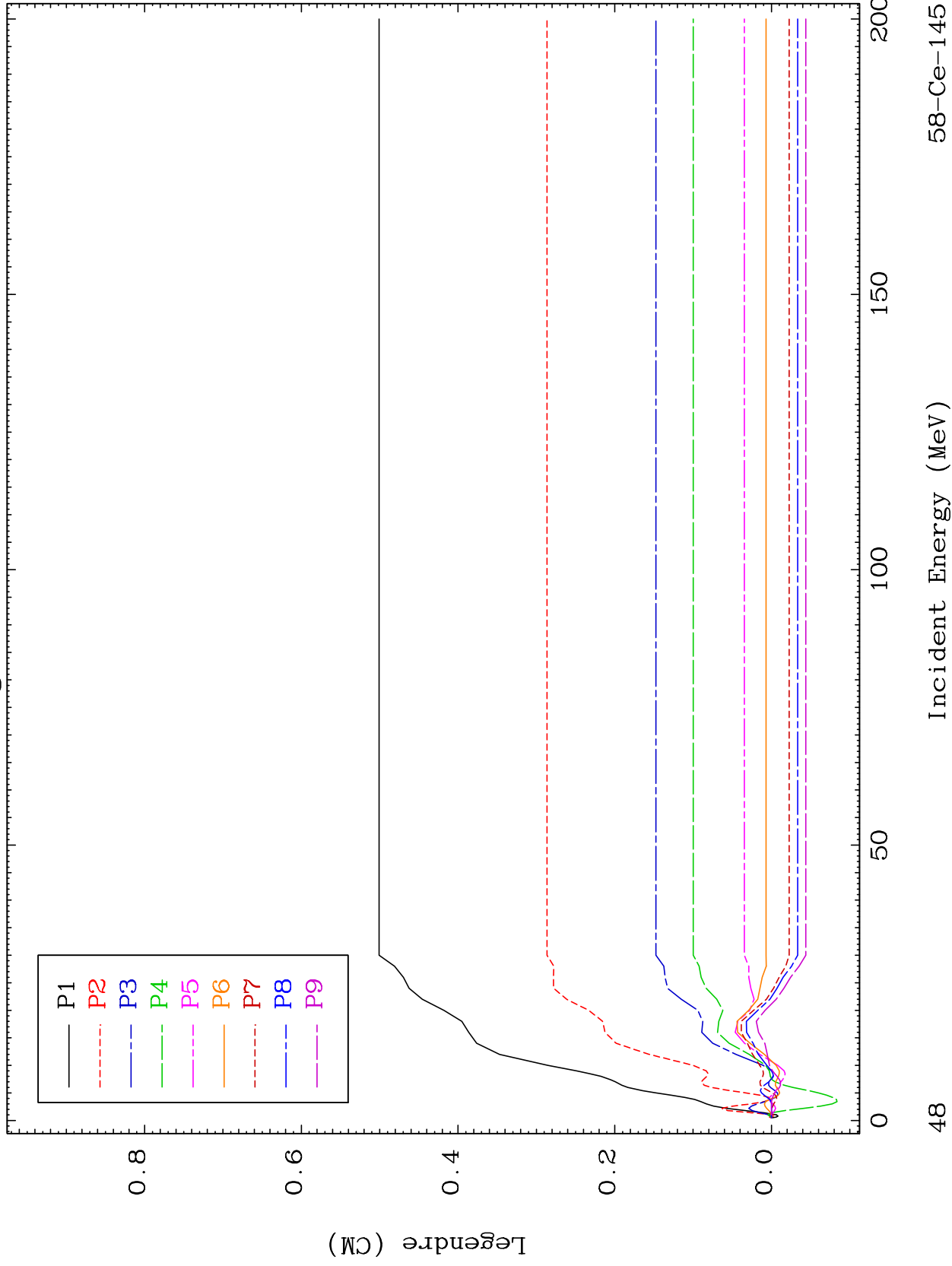
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



48

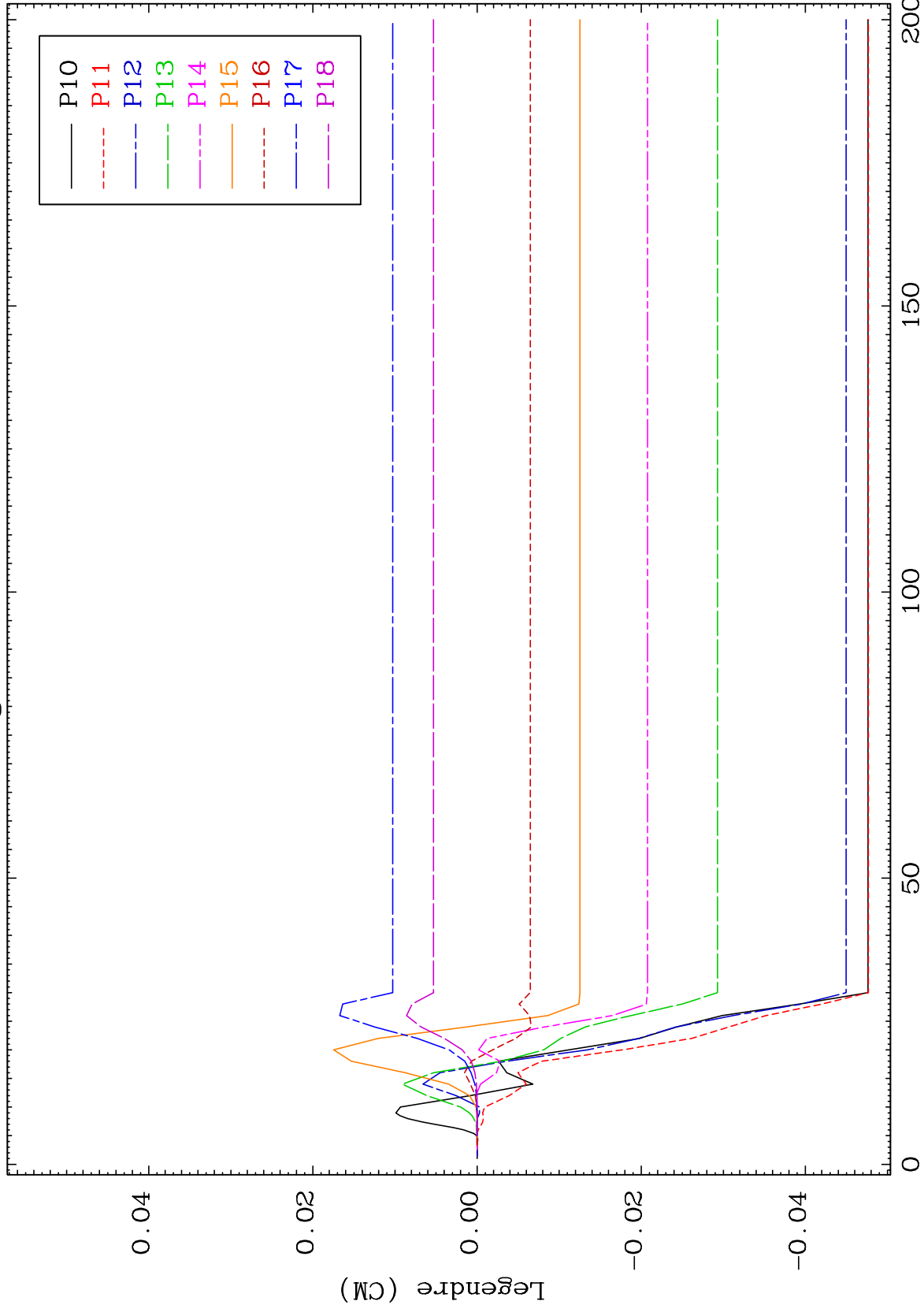
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



49

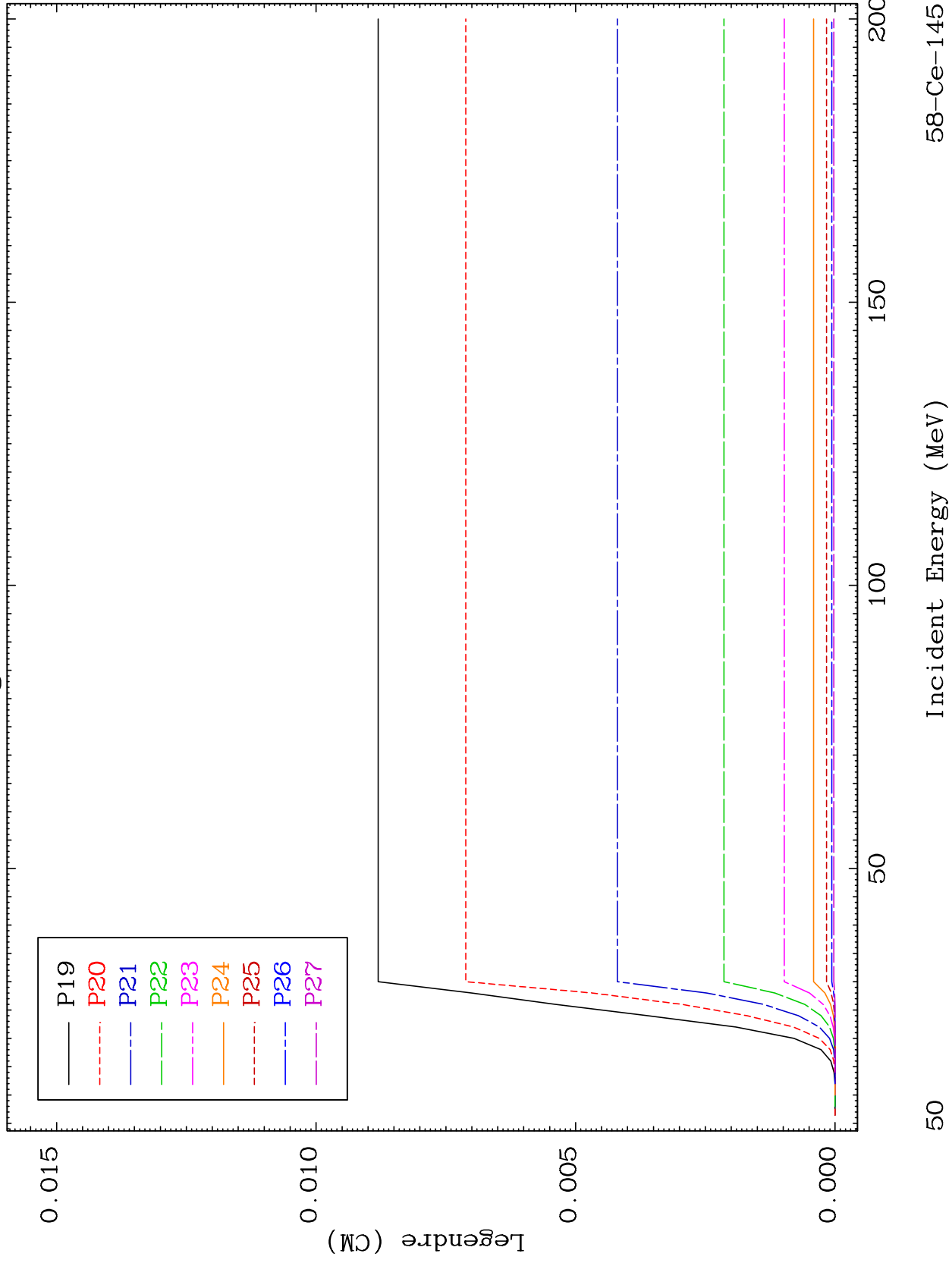
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

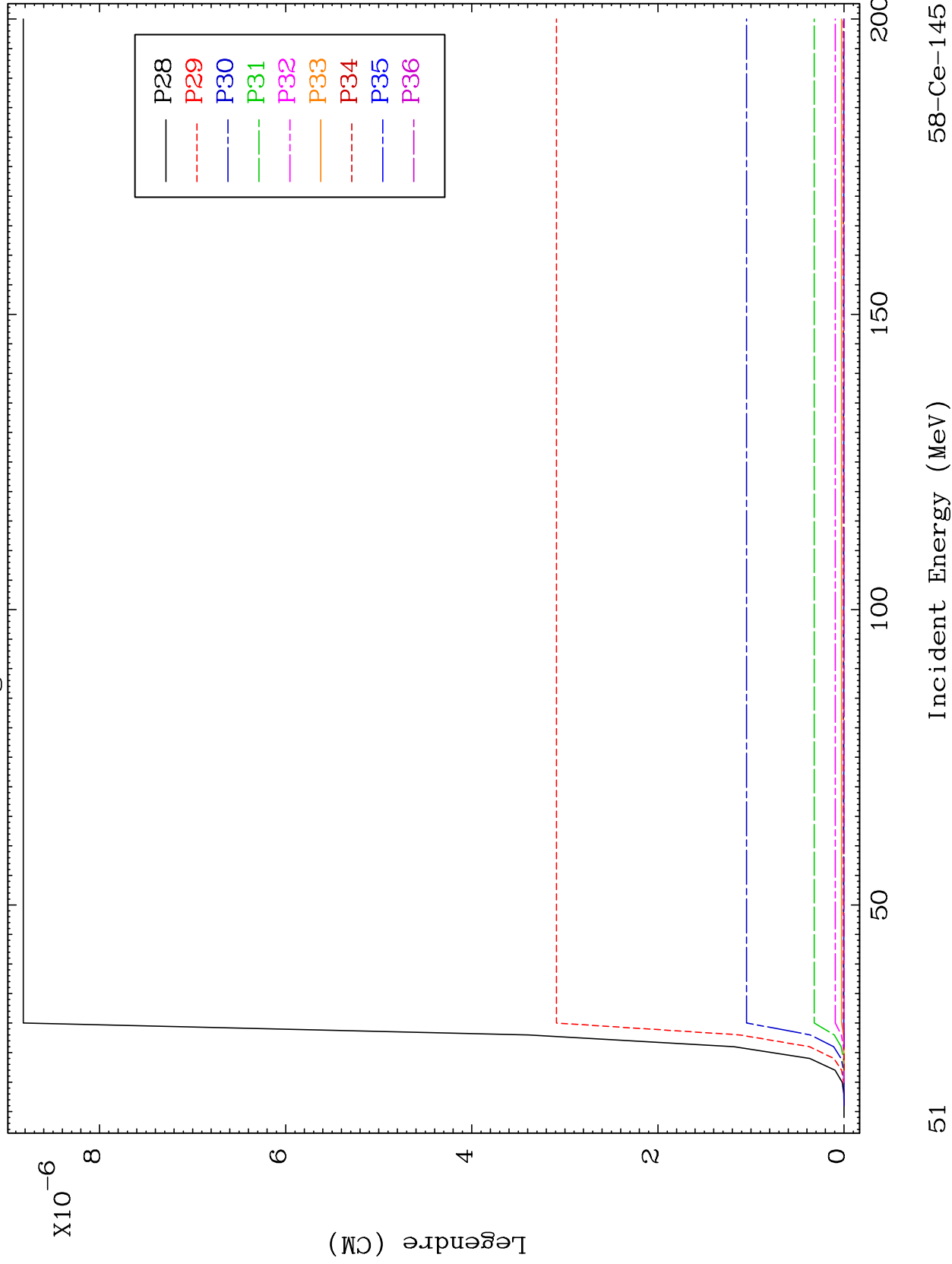
58-Ce-145



MAT 5852

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

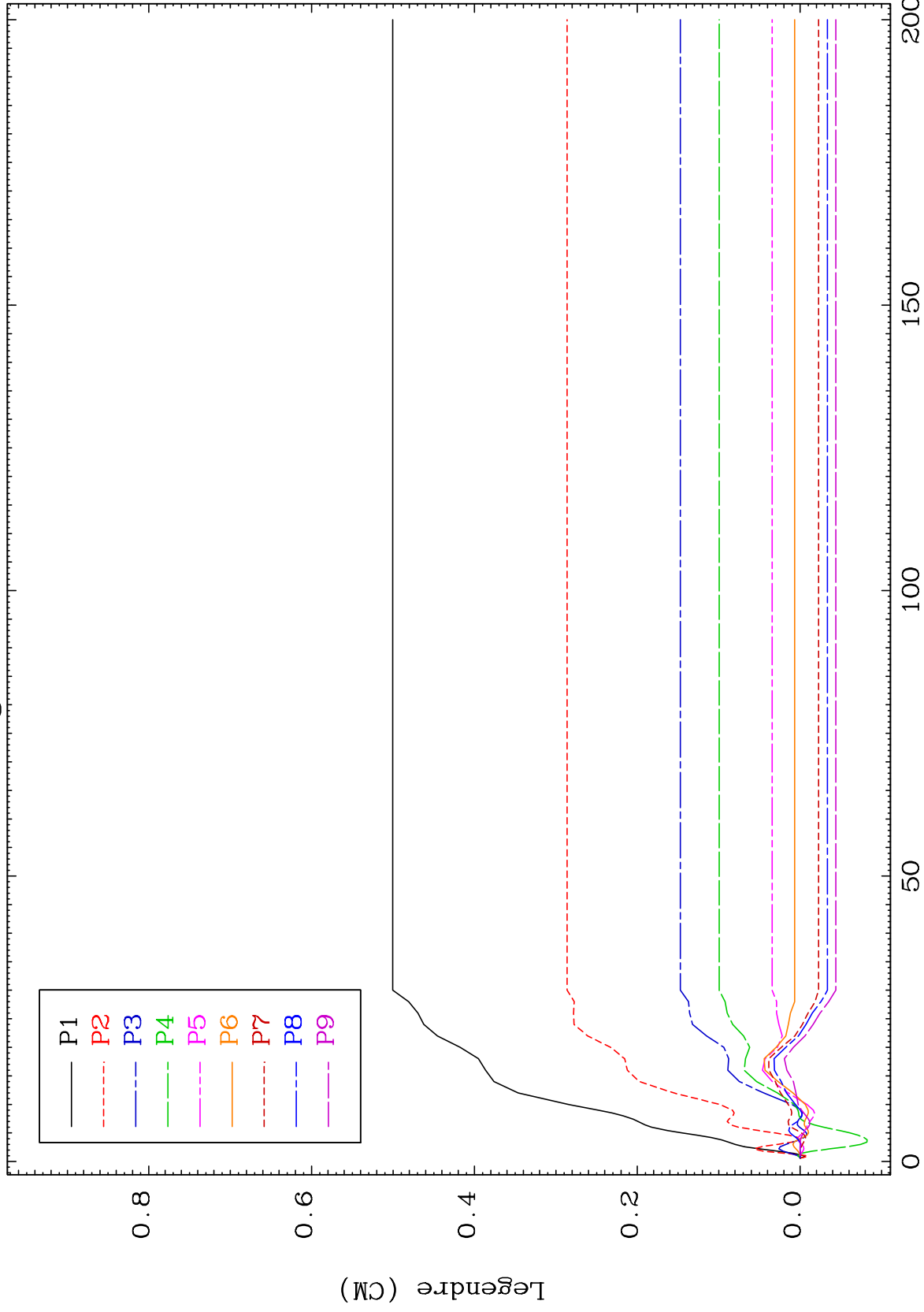
58-Ce-145



MAT 5852

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

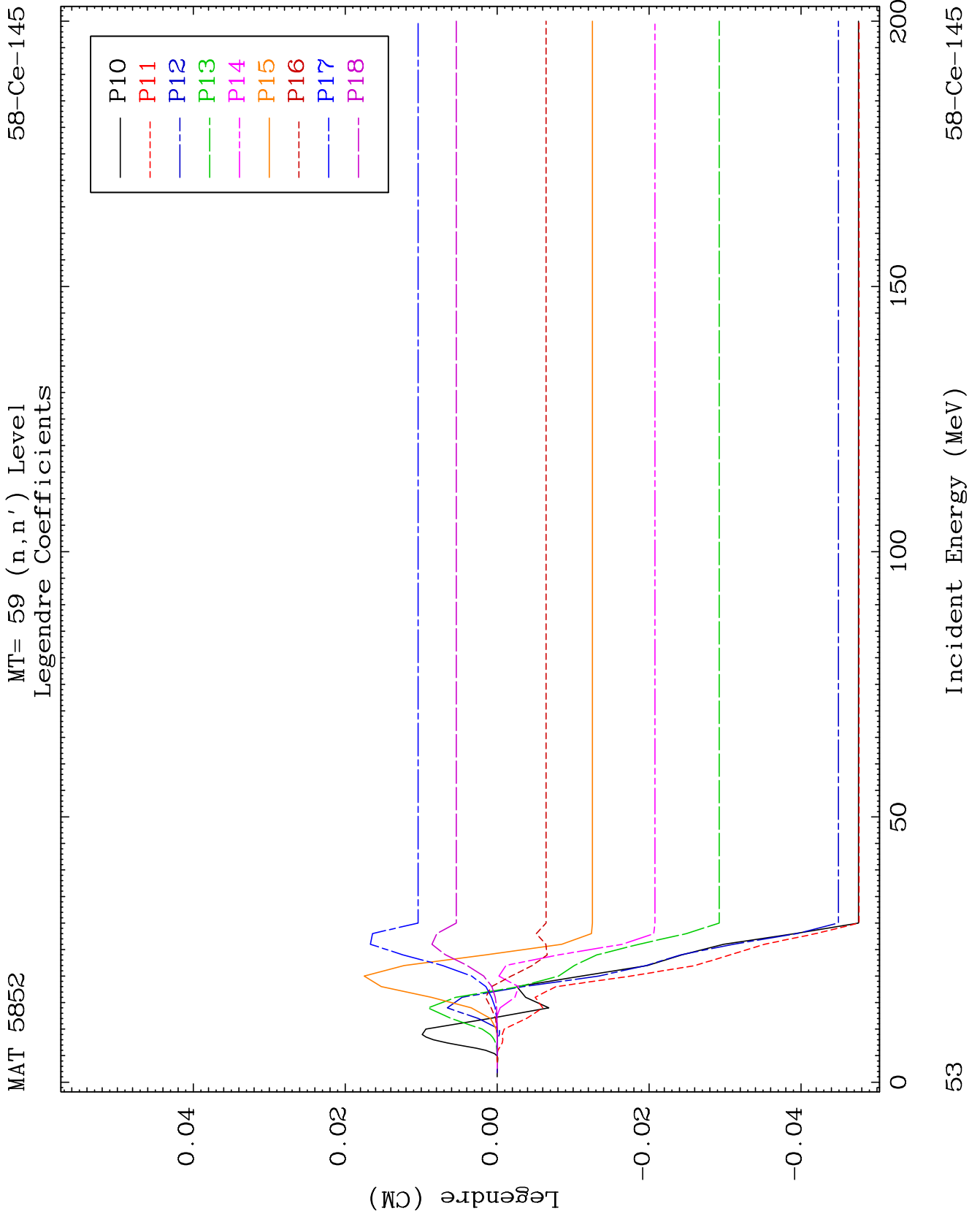
58-Ce-145



52

Incident Energy (MeV)

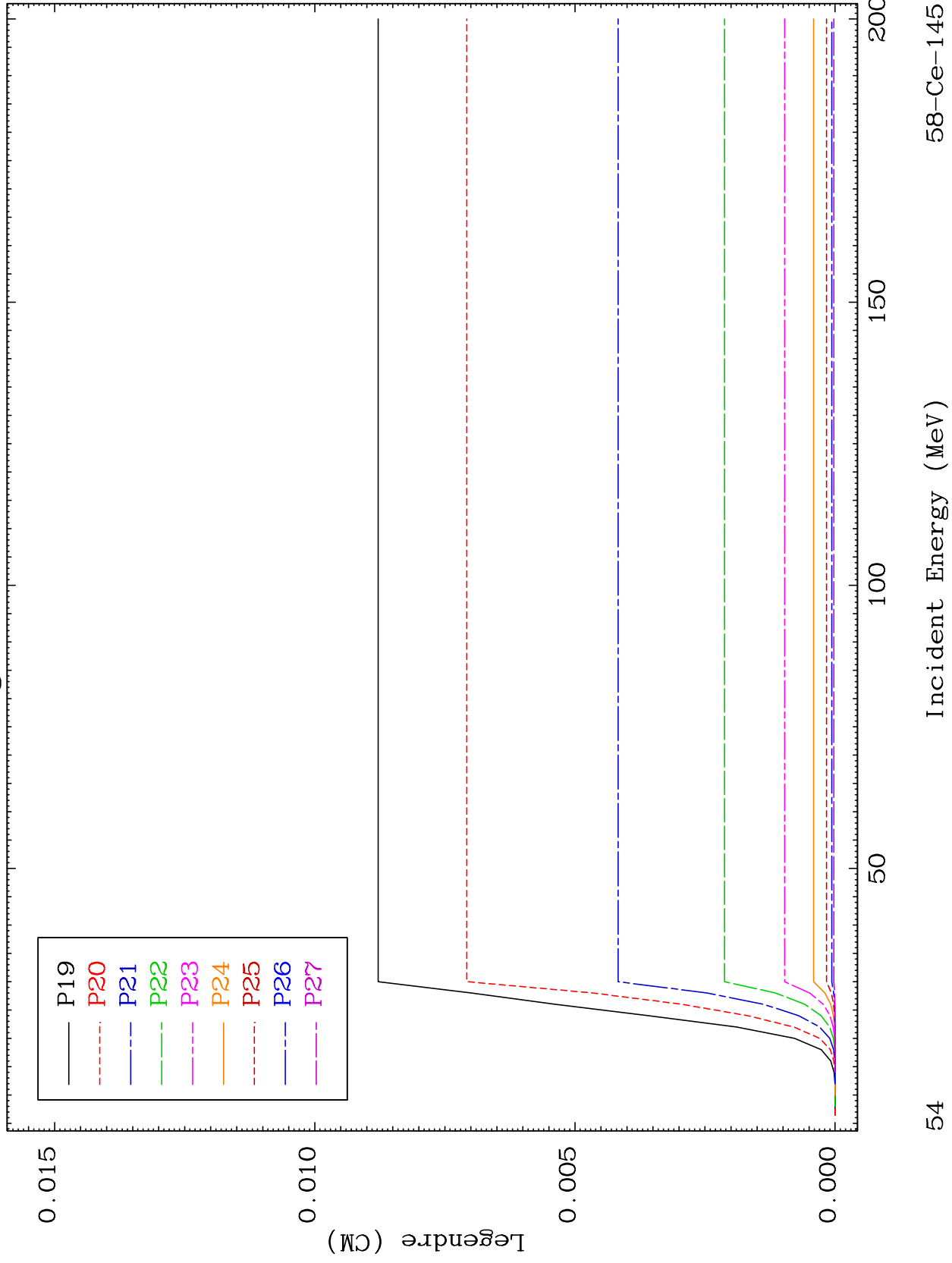
58-Ce-145



MAT 5852

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

58-Ce-145



54

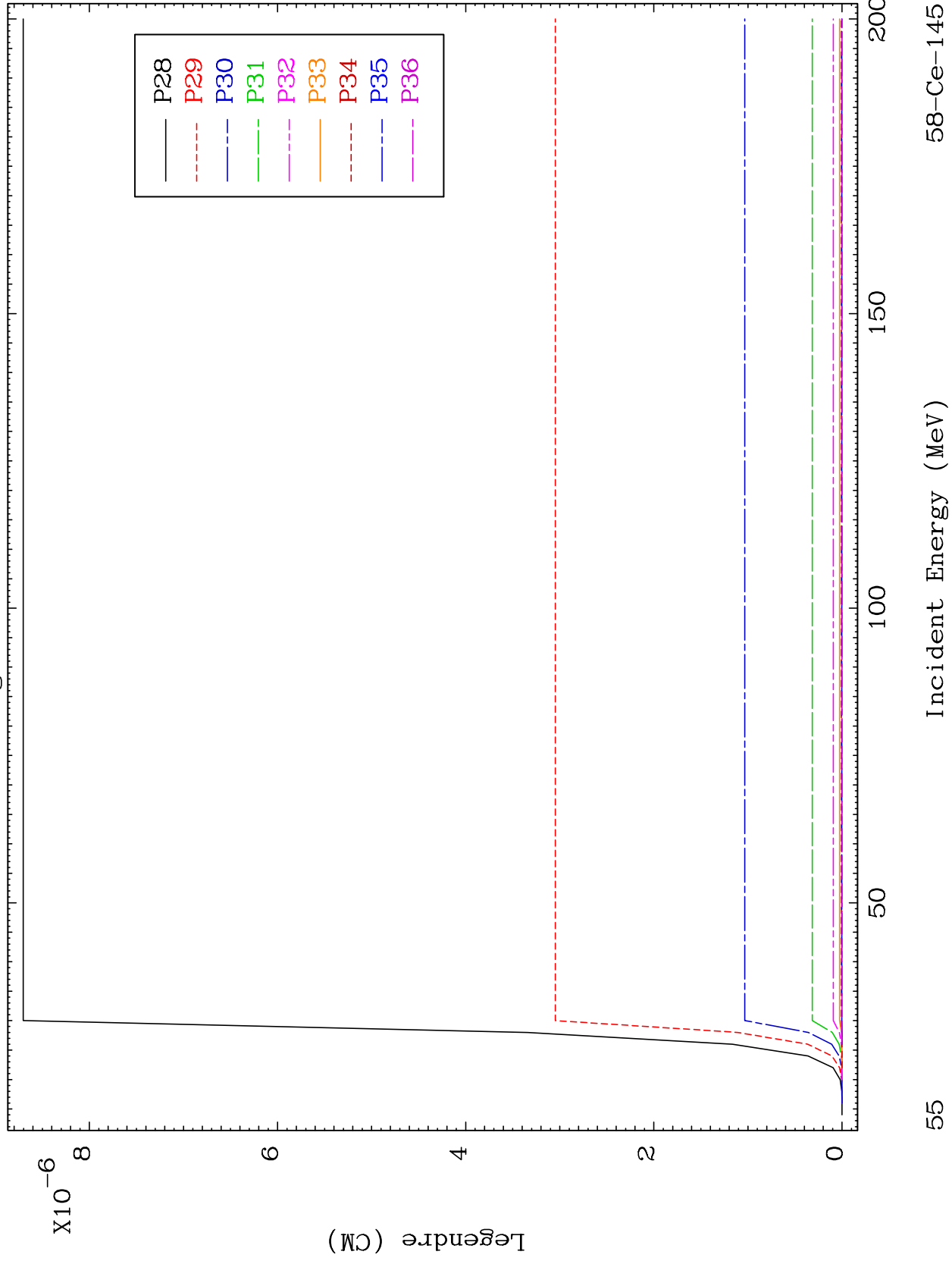
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



55

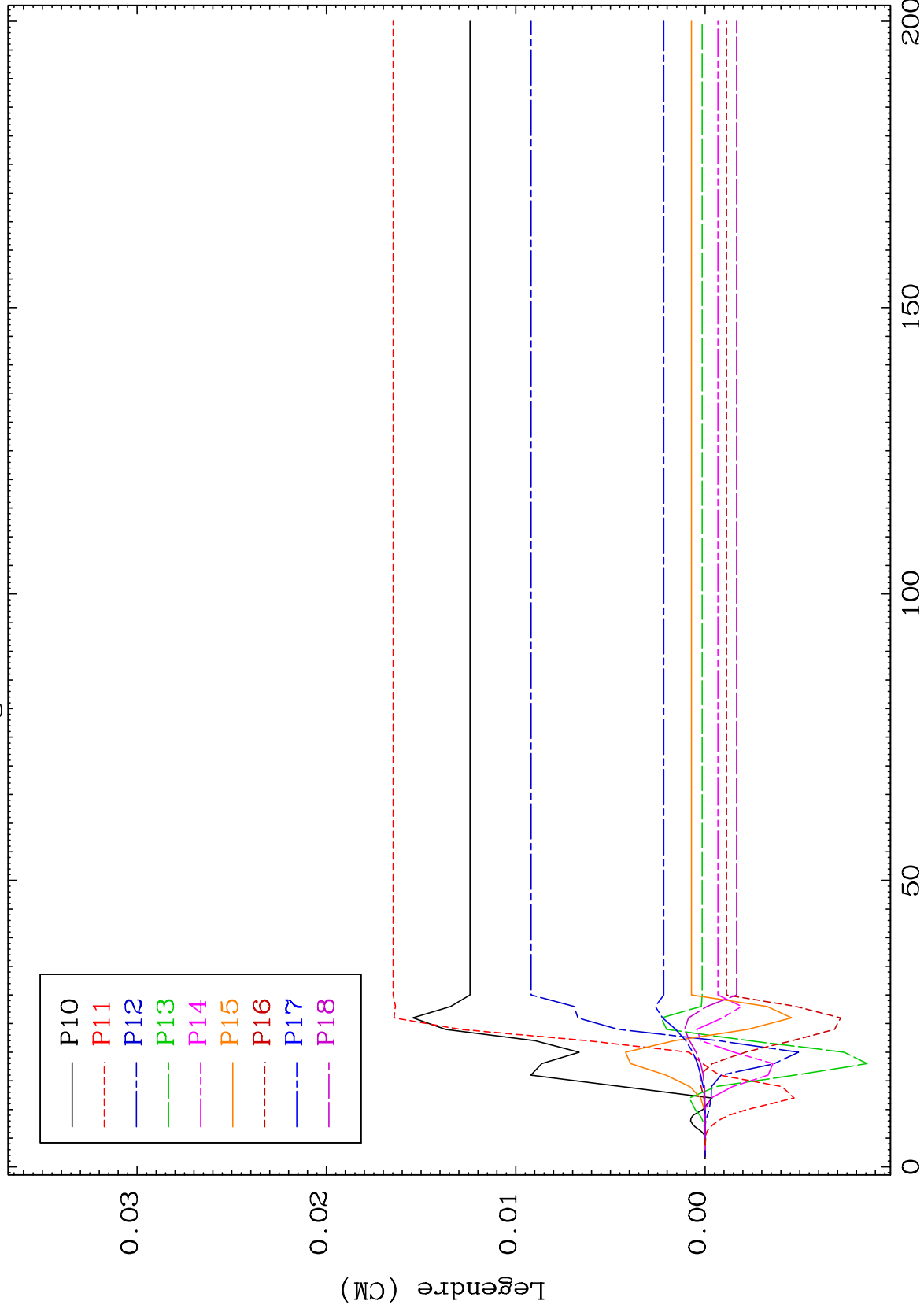
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



57

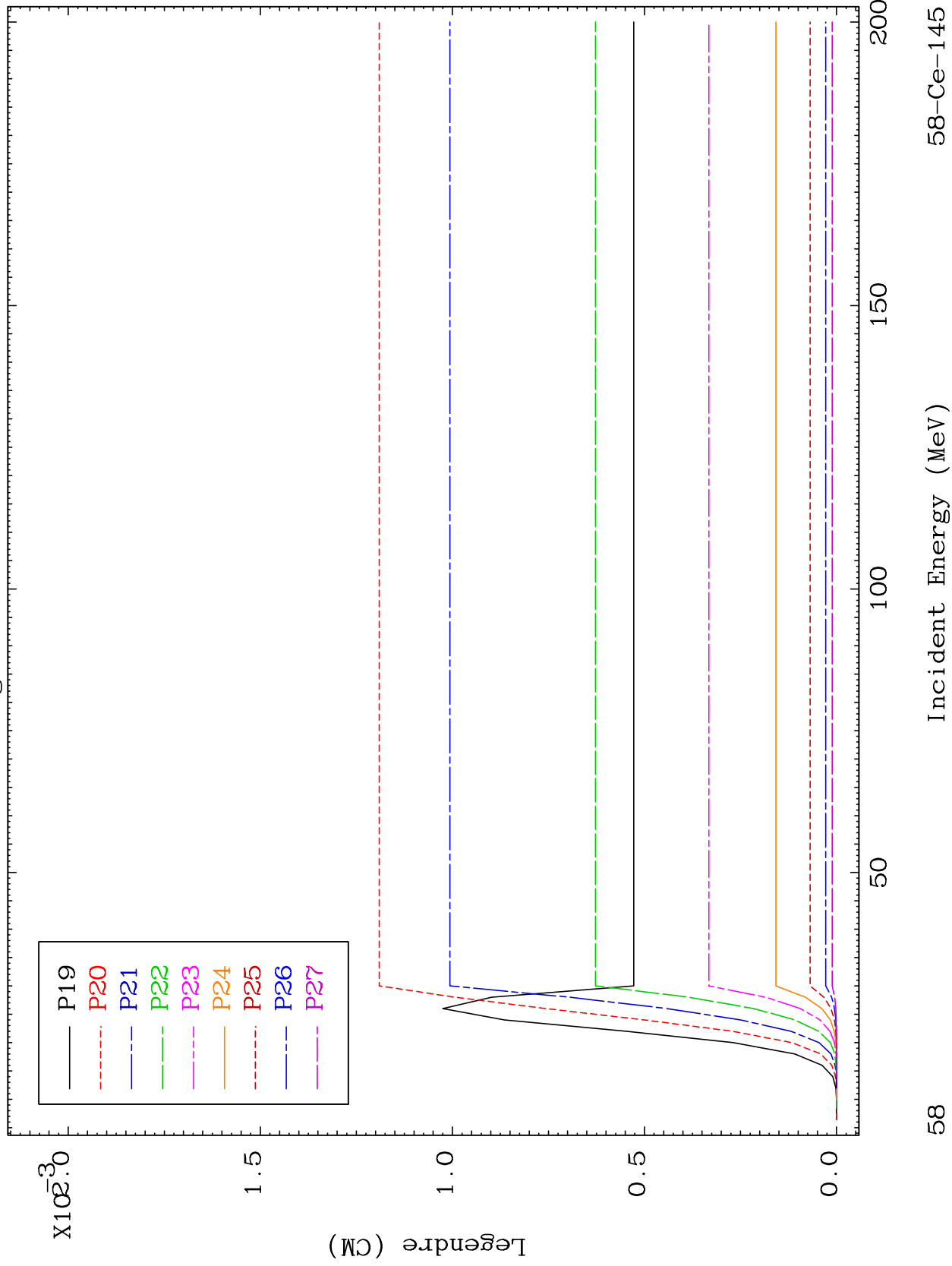
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



58

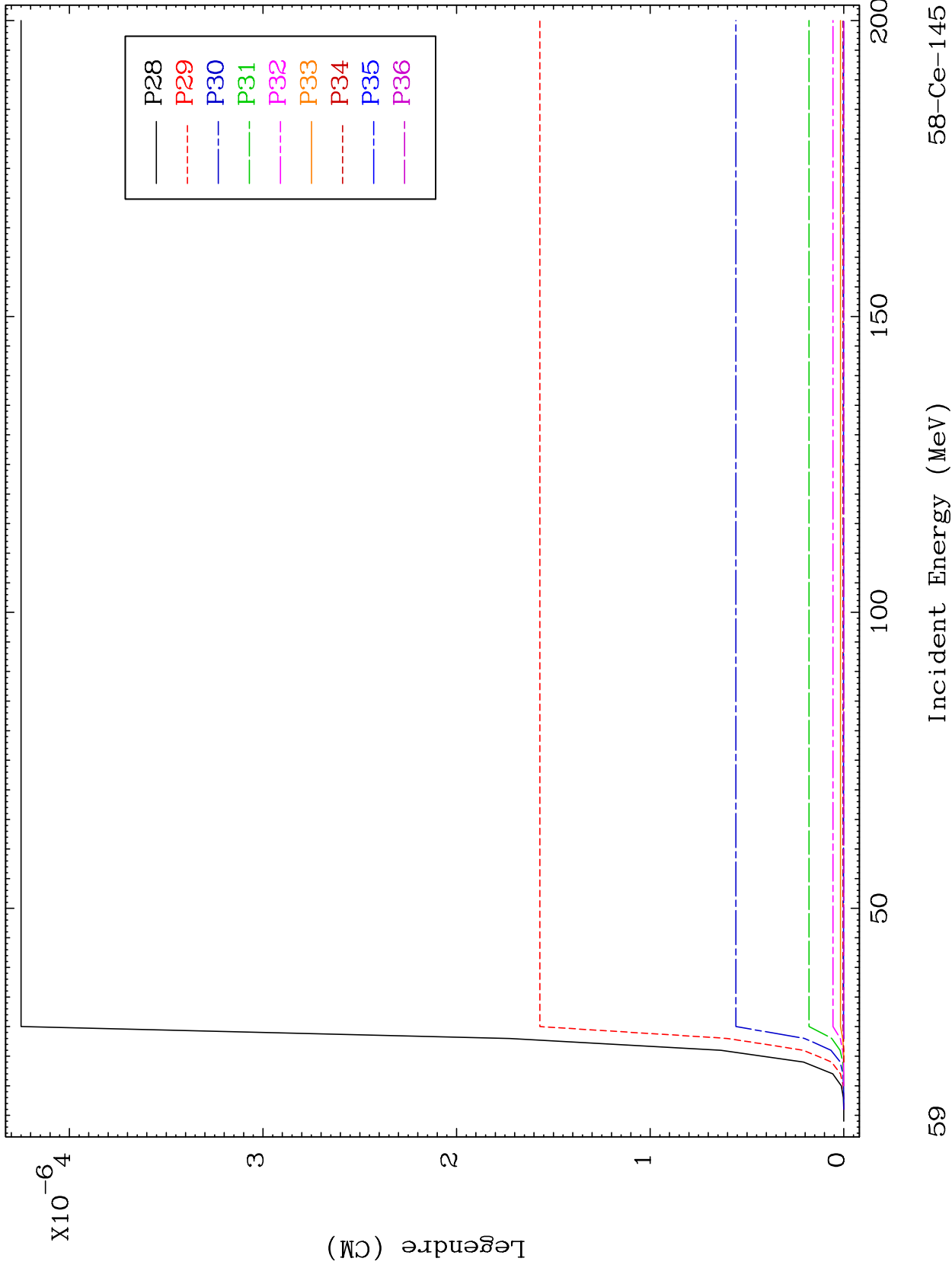
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



59

Incident Energy (MeV)

58-Ce-145

200

150

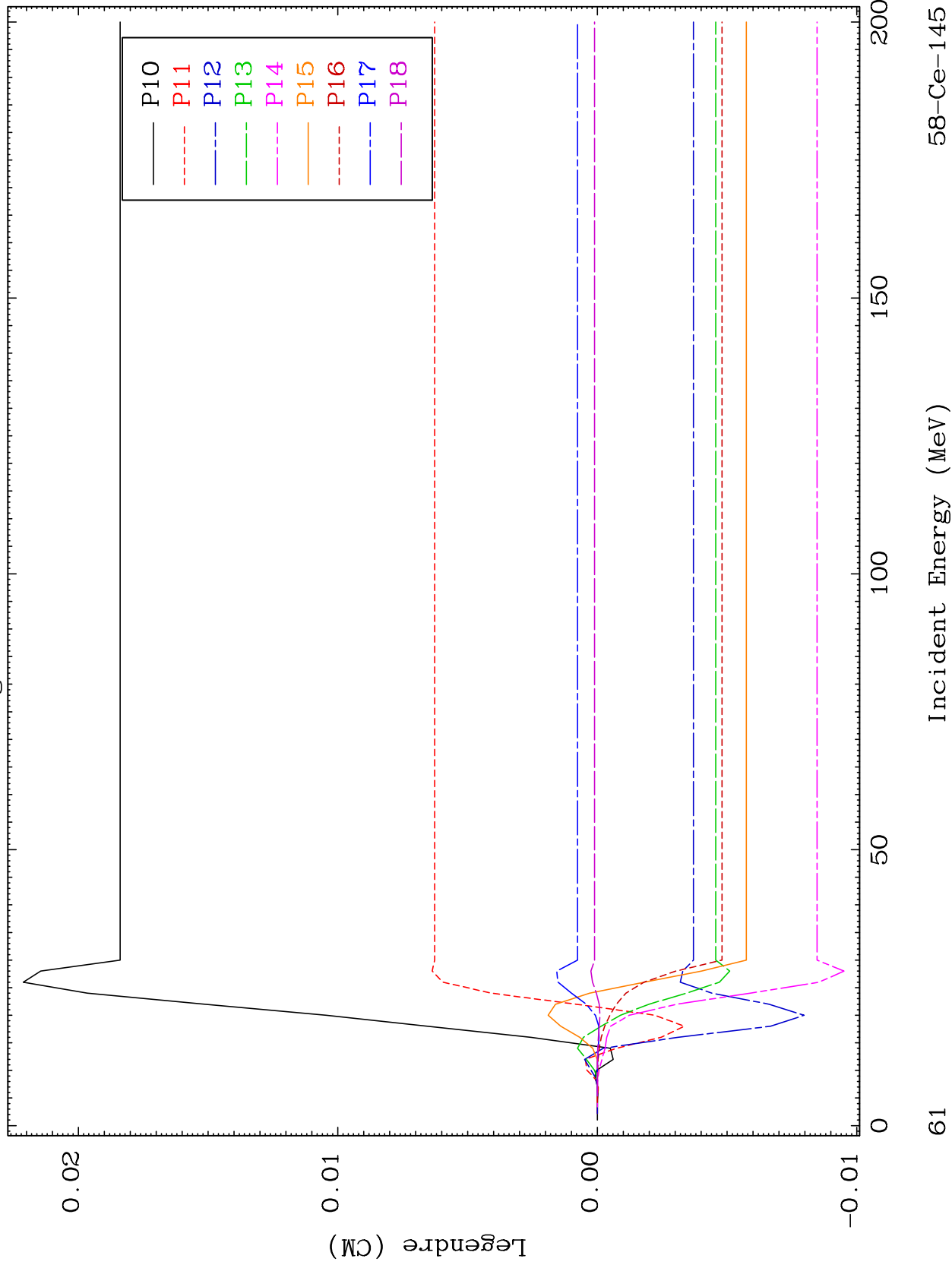
100

50

MAT 5852

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

58-Ce-145



58-Ce-145

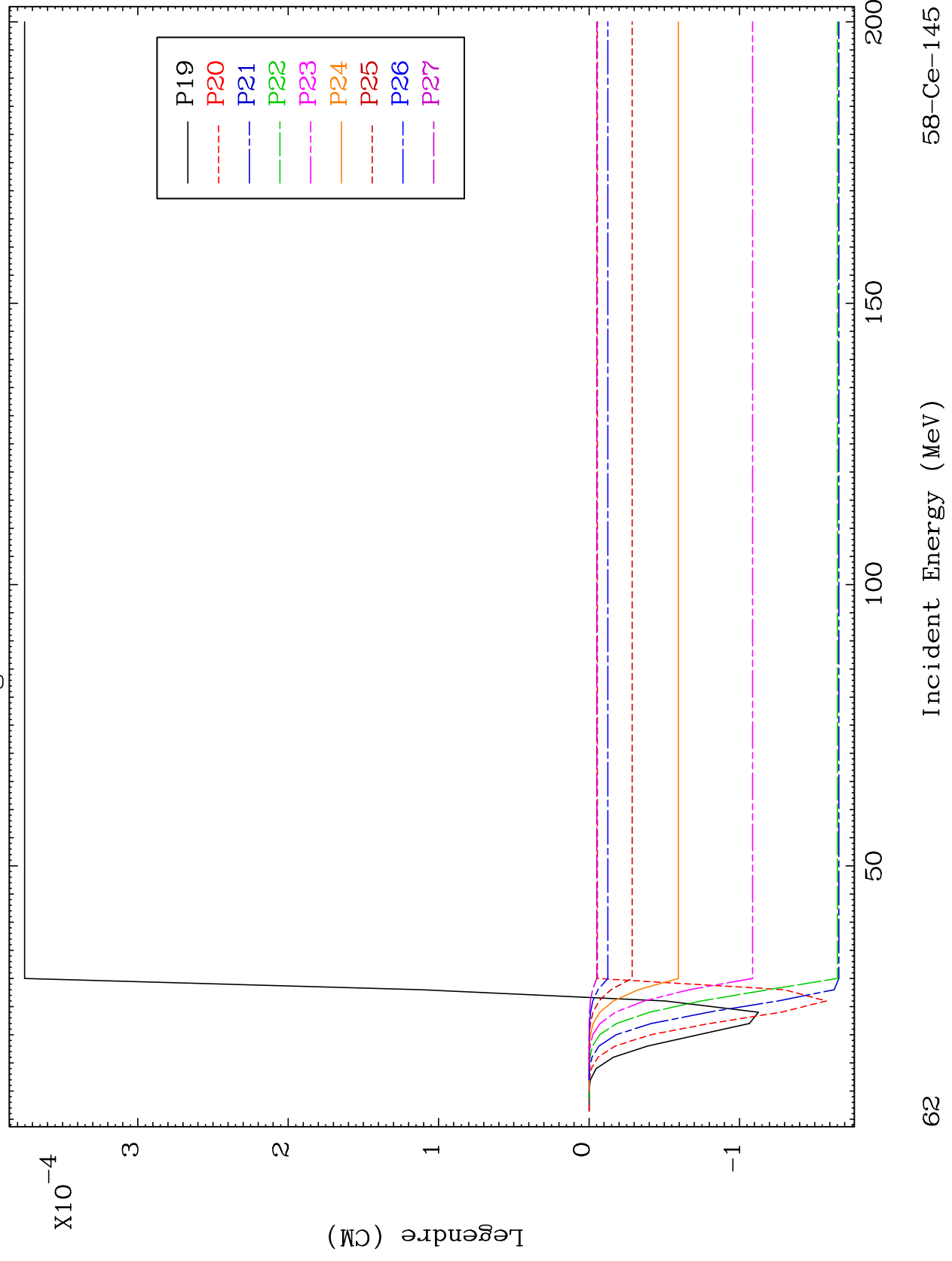
Incident Energy (MeV)

61

MAT 5852

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

58-Ce-145



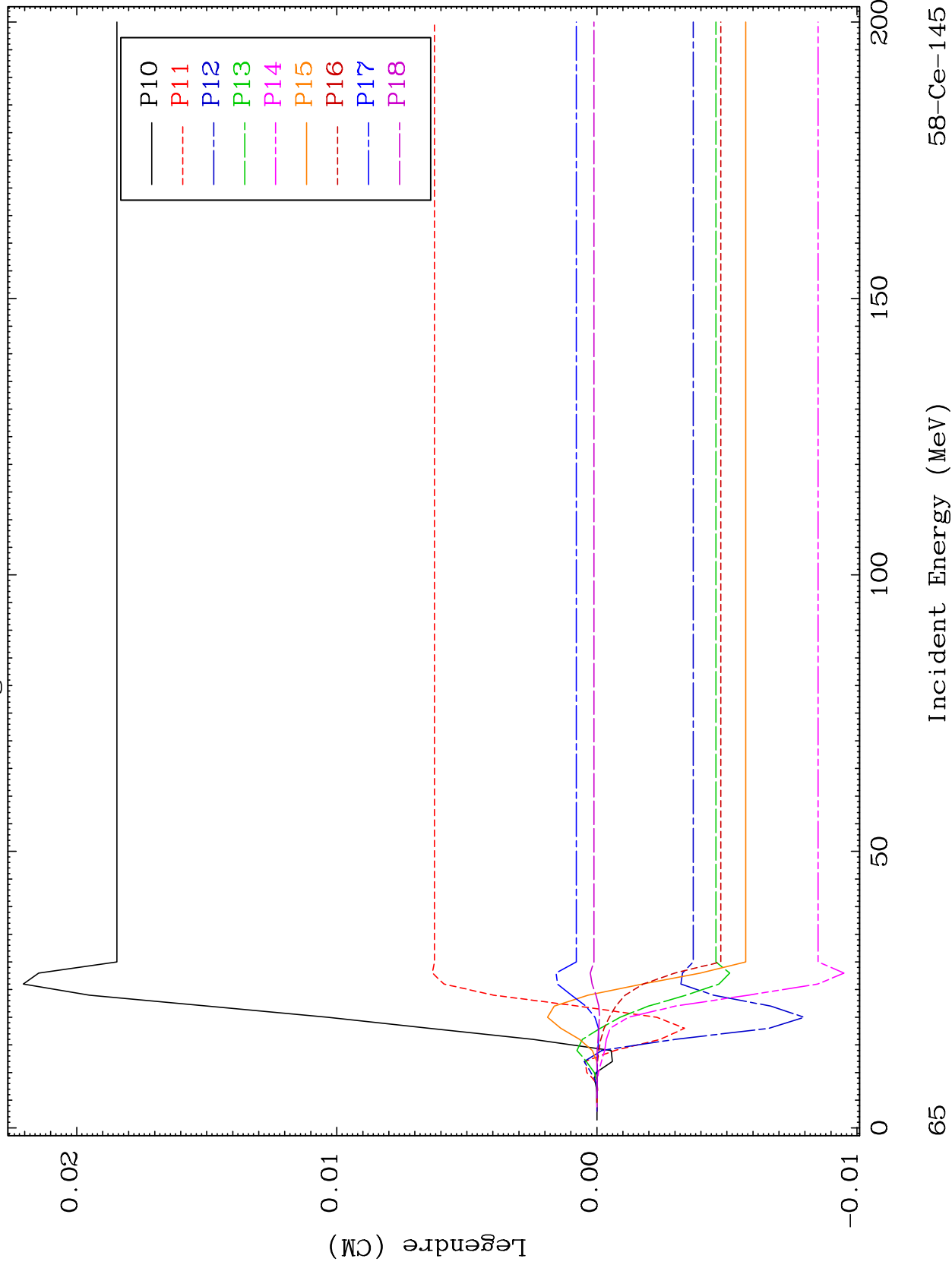
62

58-Ce-145

MAT 5852

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

58-Ce-145



58-Ce-145

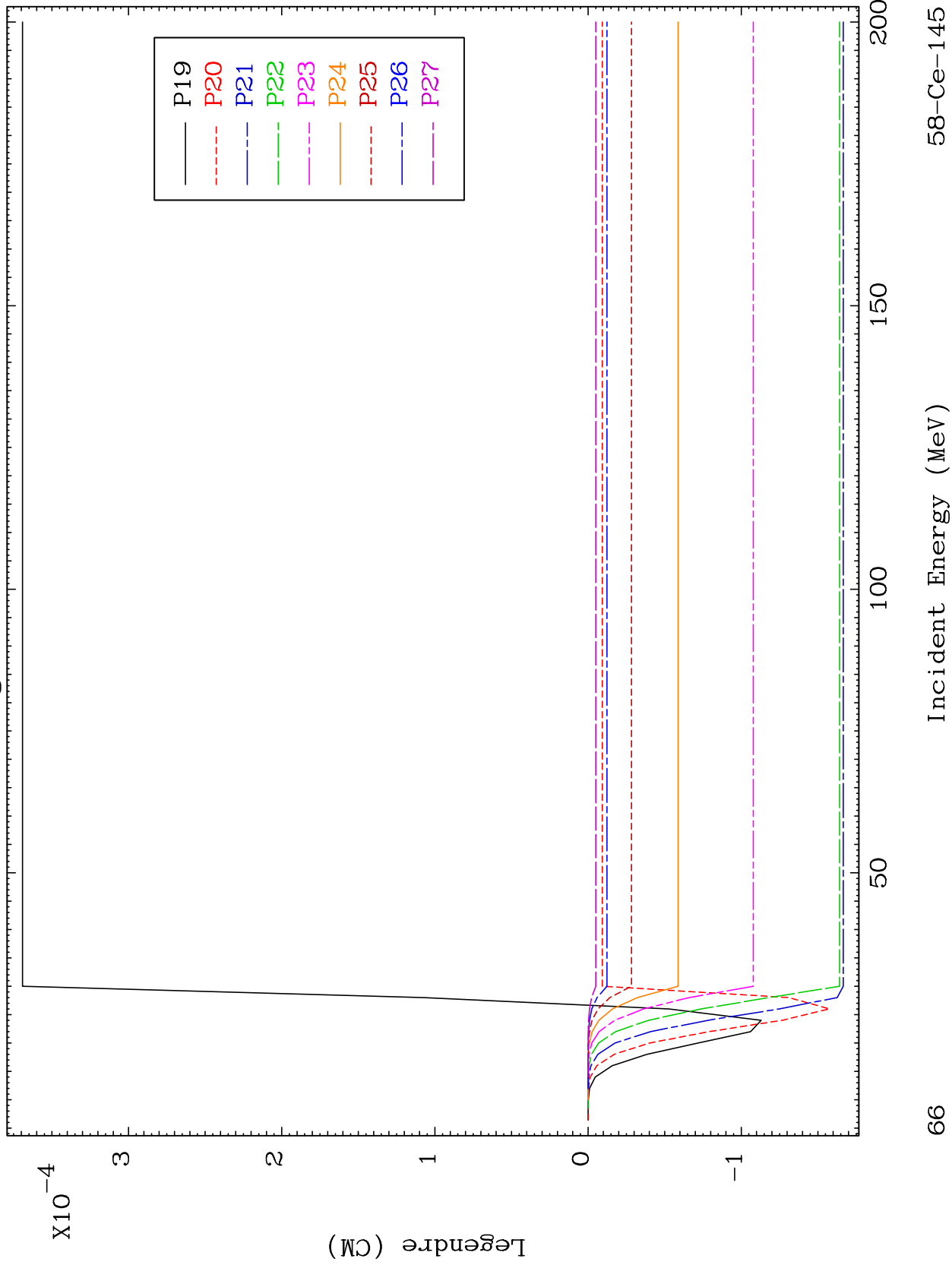
Incident Energy (MeV)

65

MAT 5852

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

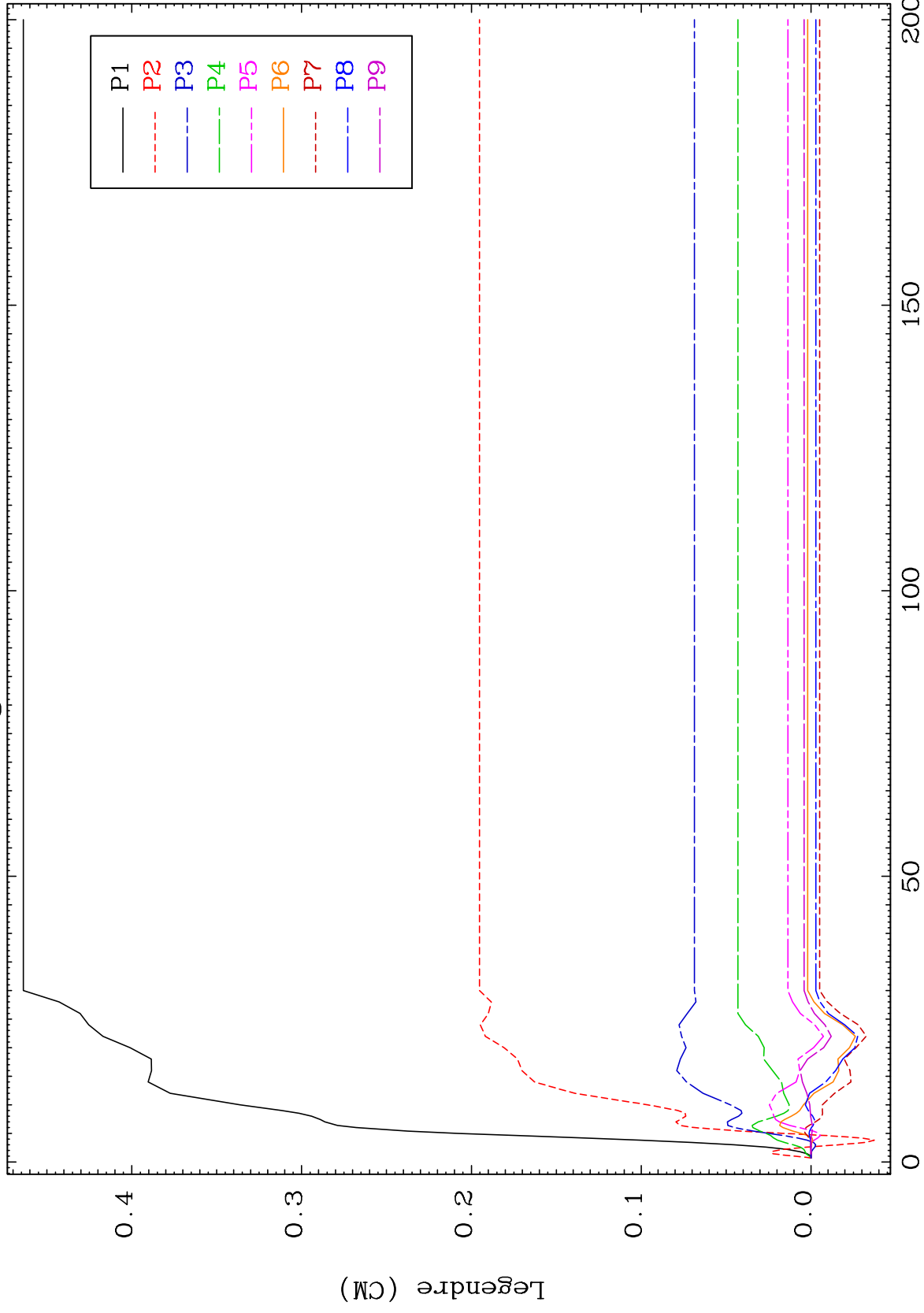
58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

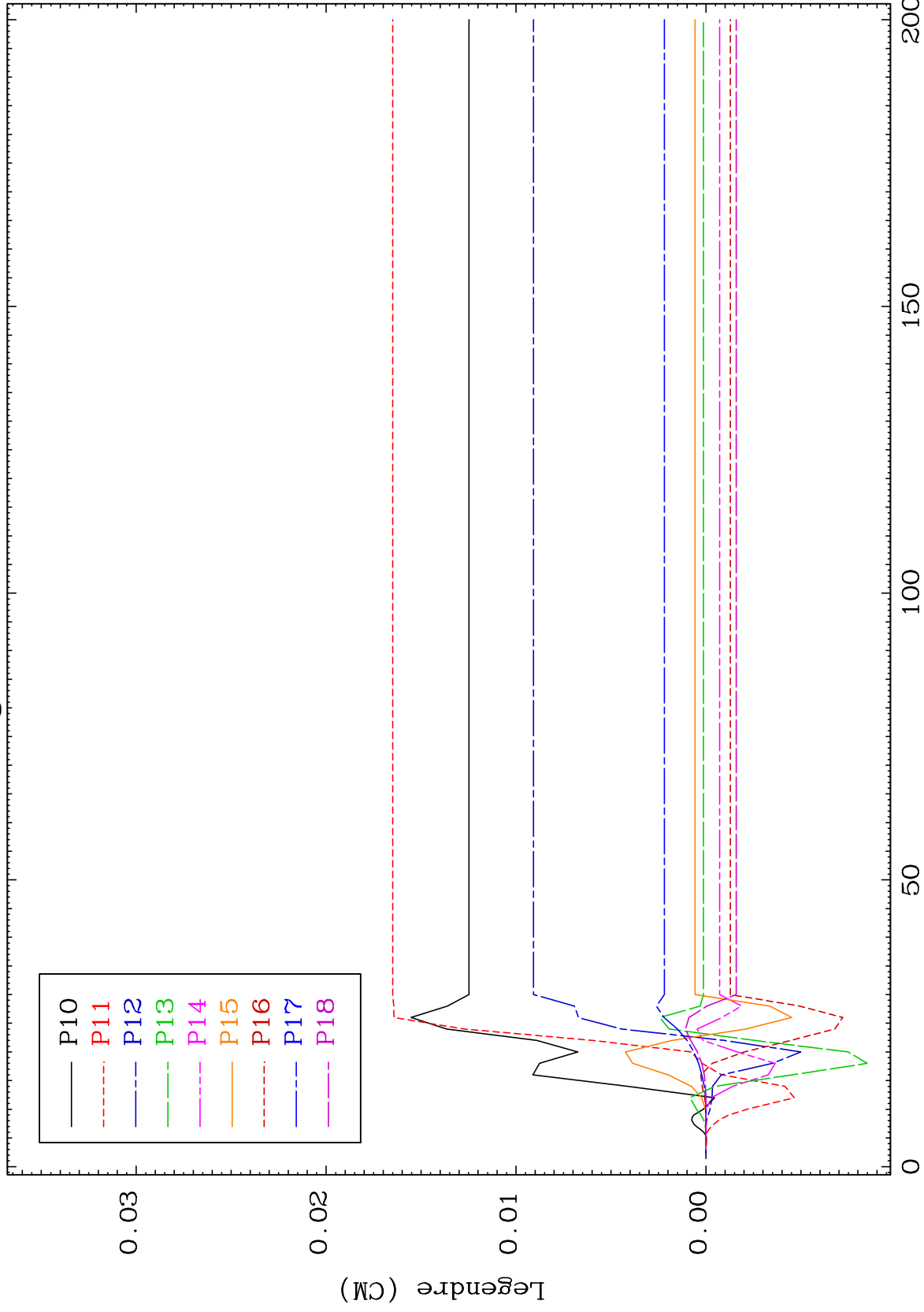
Incident Energy (MeV)

68

MAT 5852

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

58-Ce-145



69

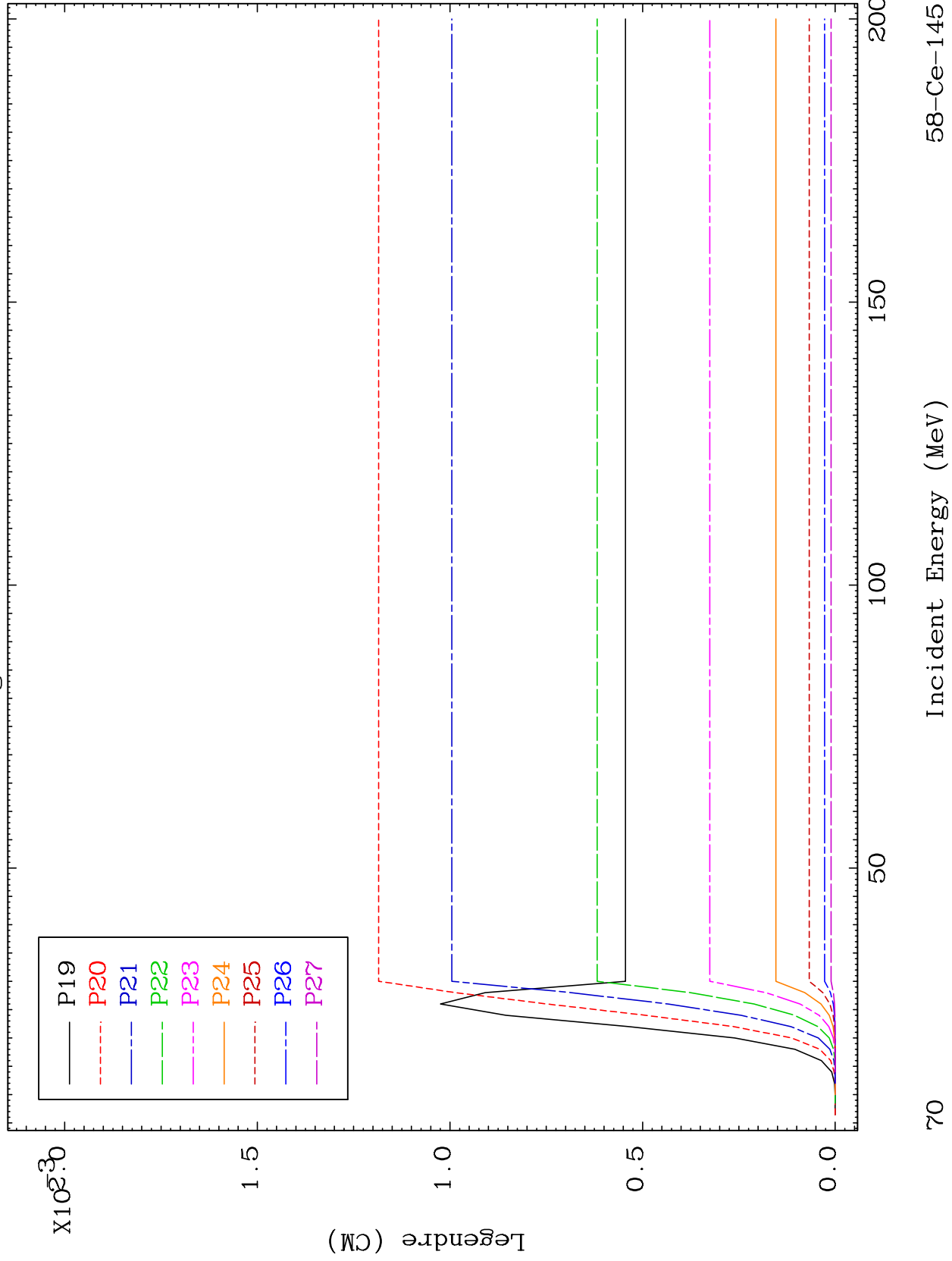
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



70

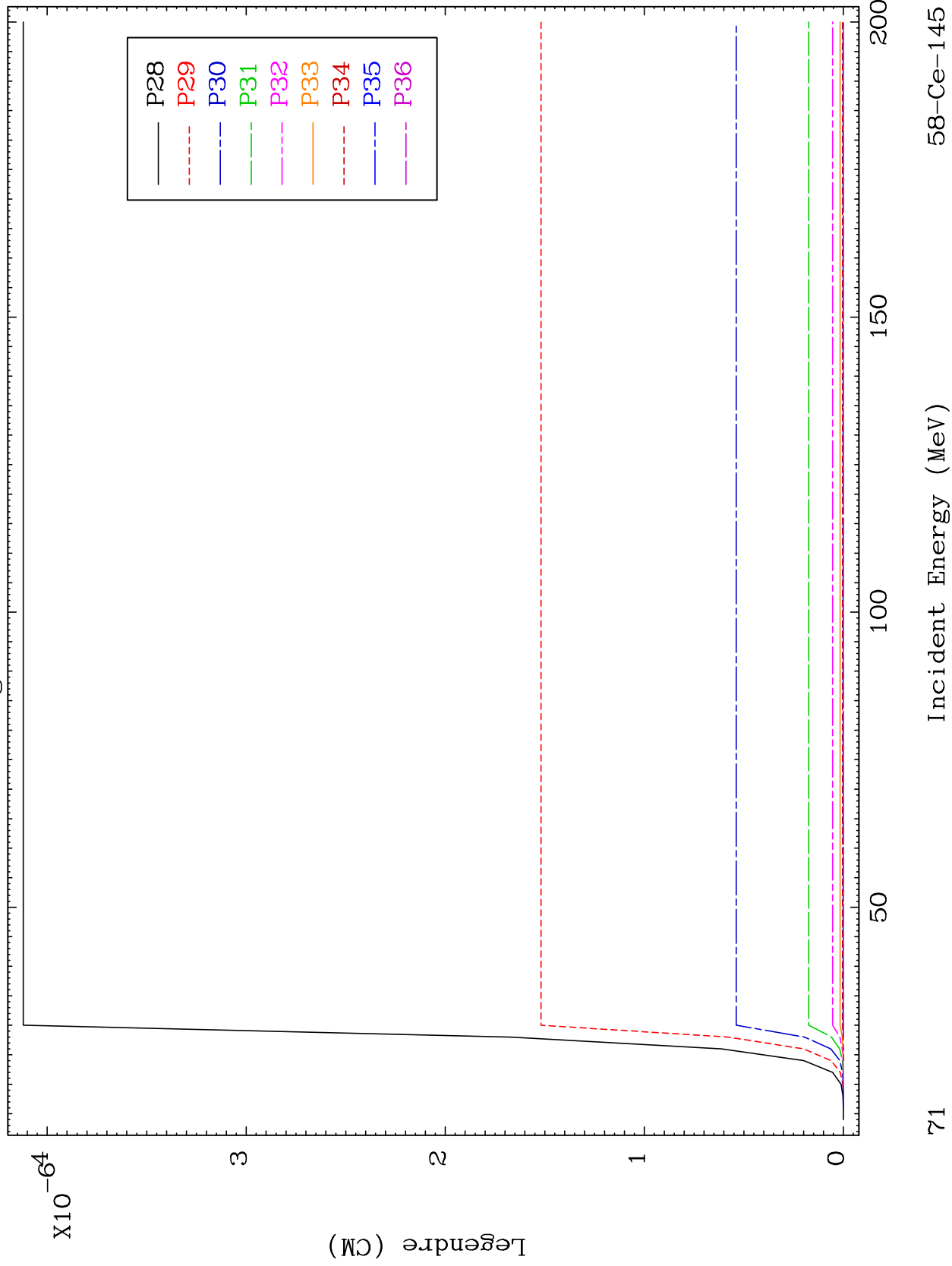
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

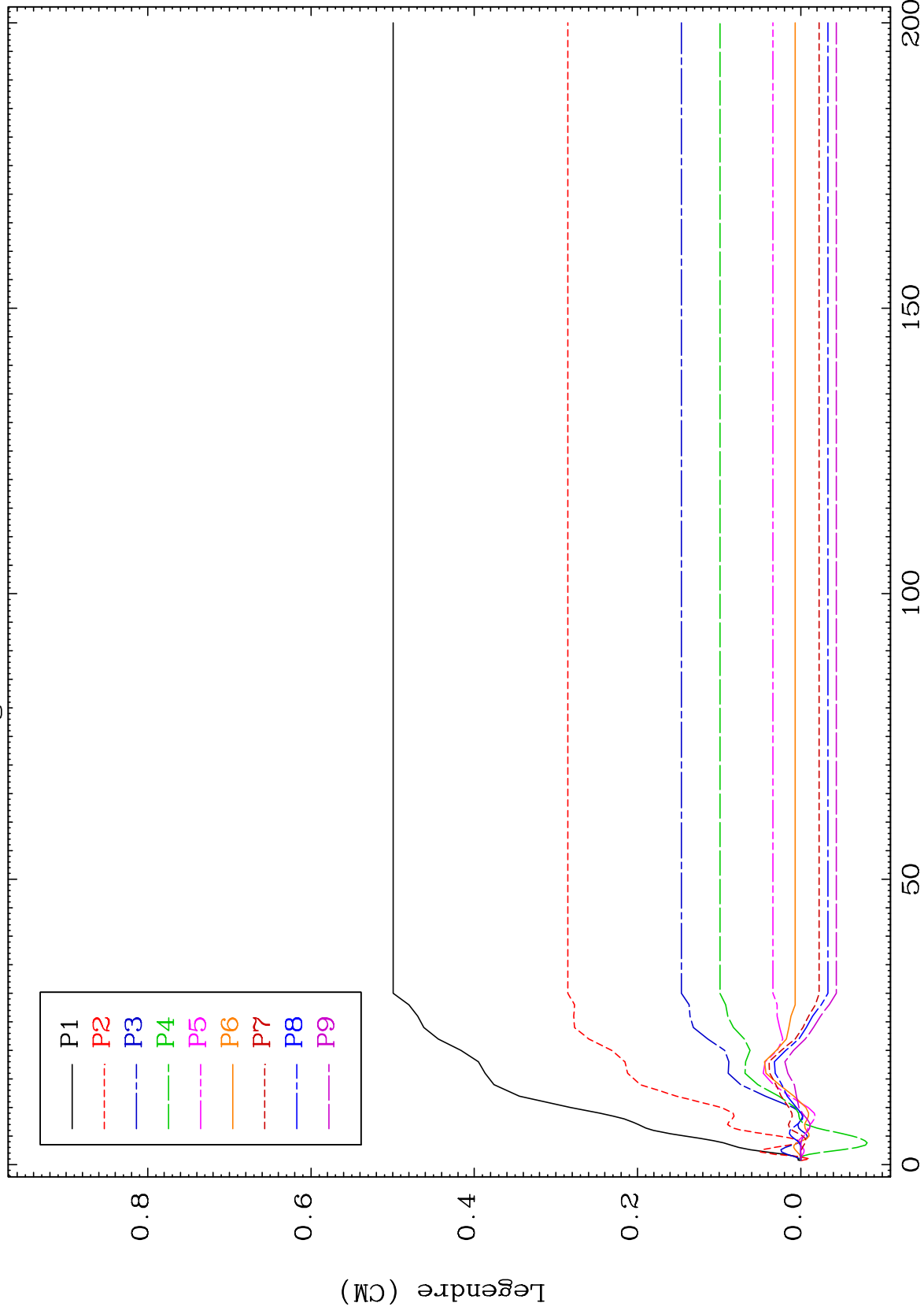
58-Ce-145



MAT 5852

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

58-Ce-145



72

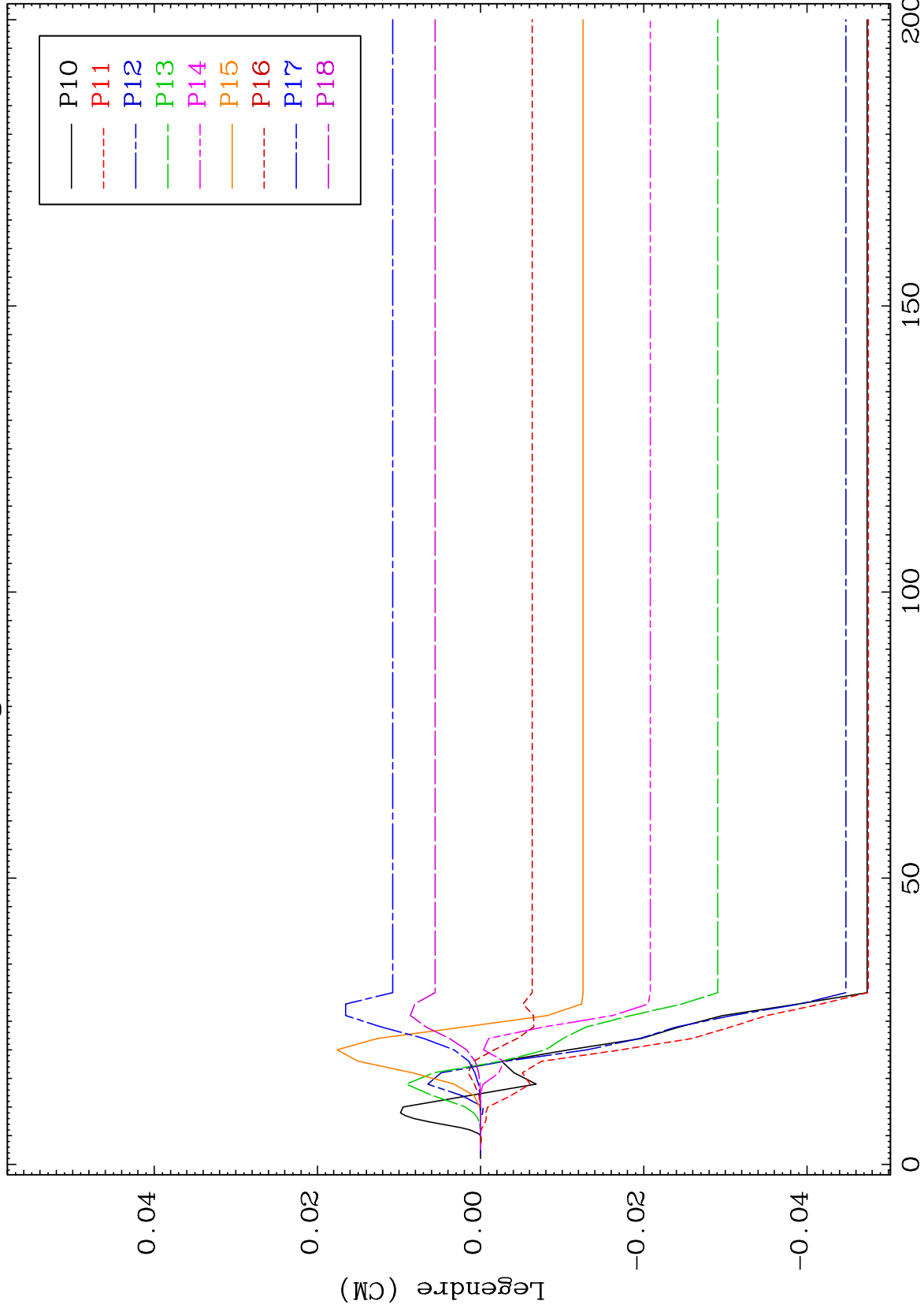
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



73

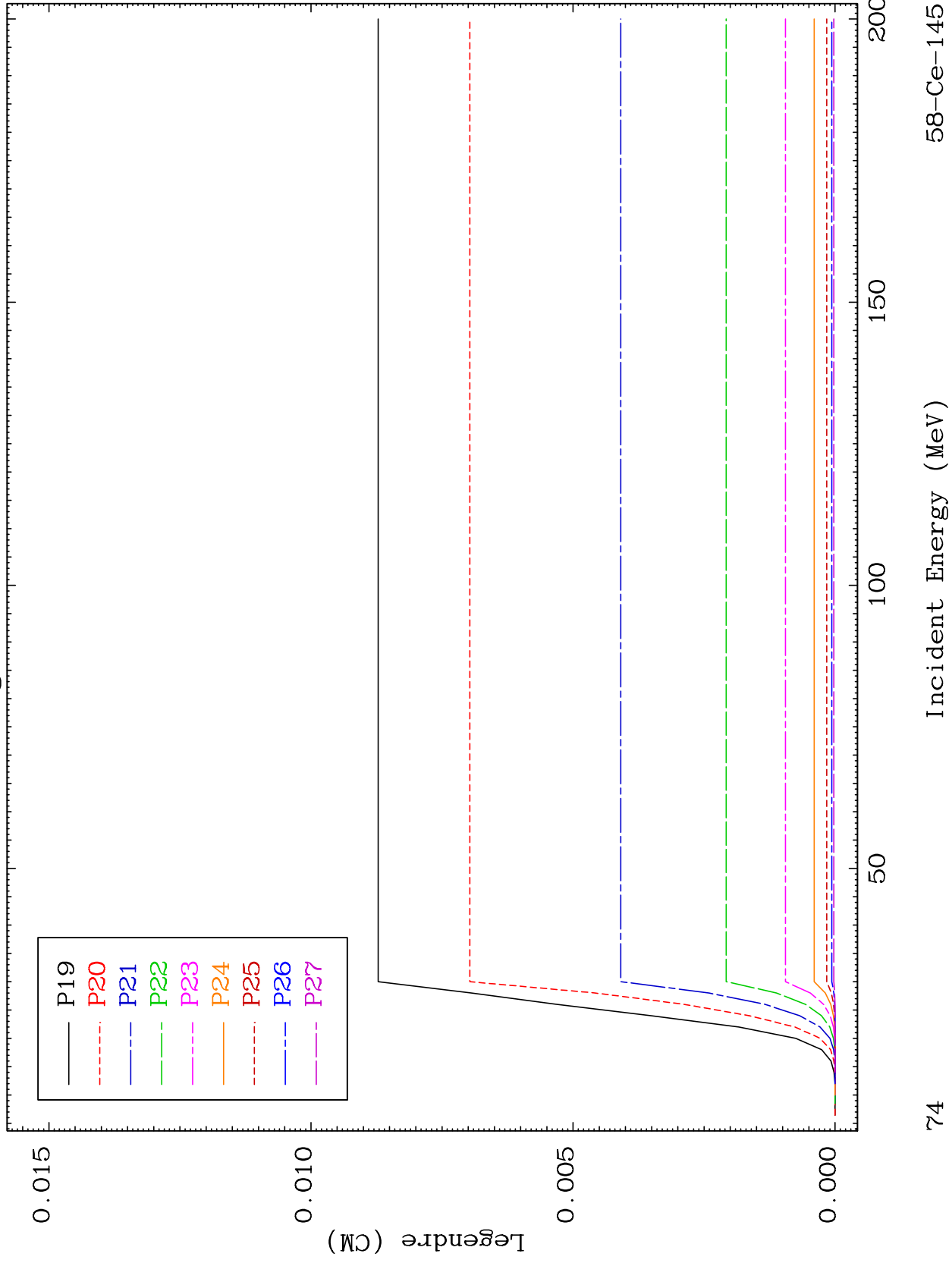
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



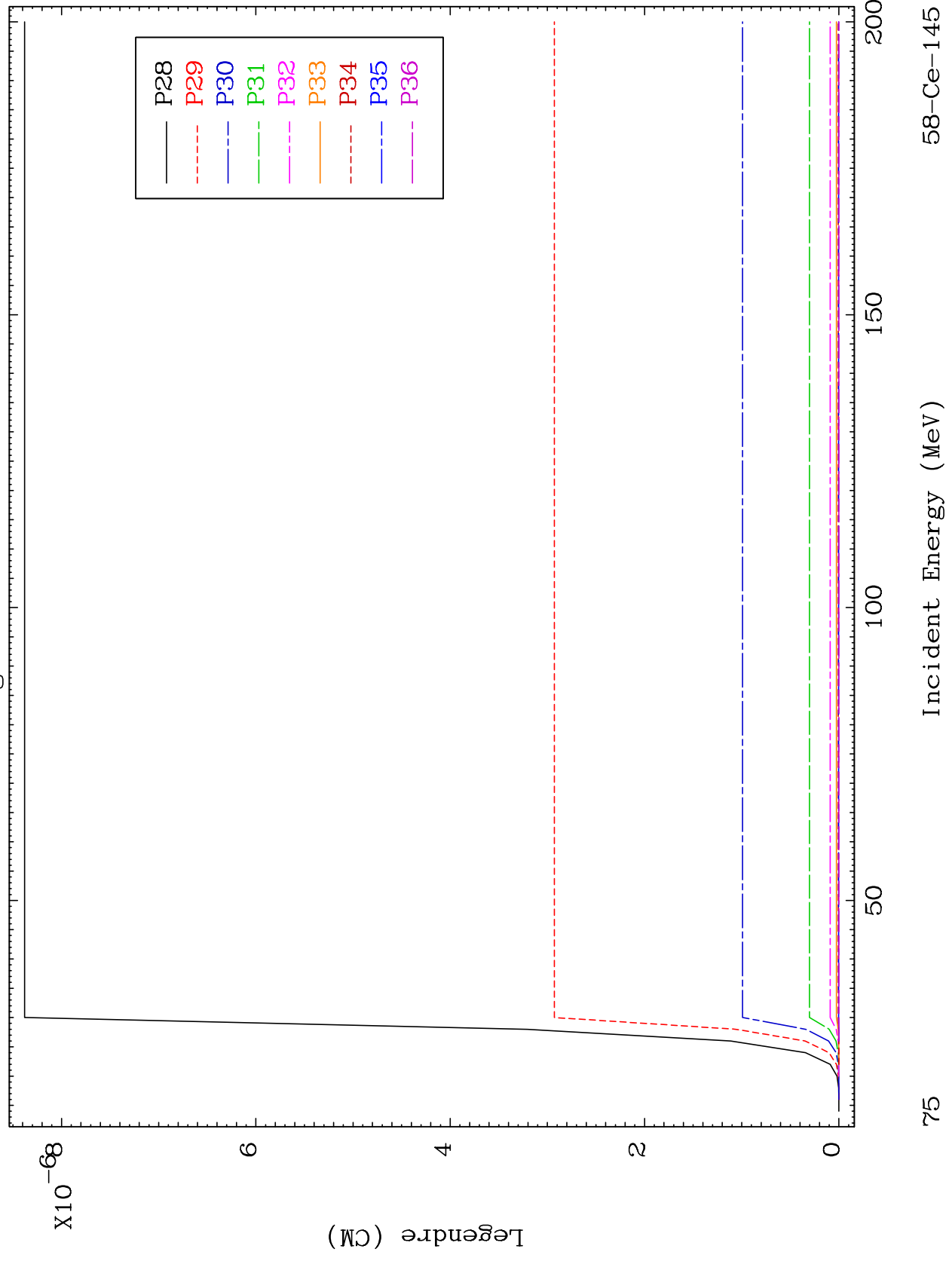
74

58-Ce-145

MAT 5852

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

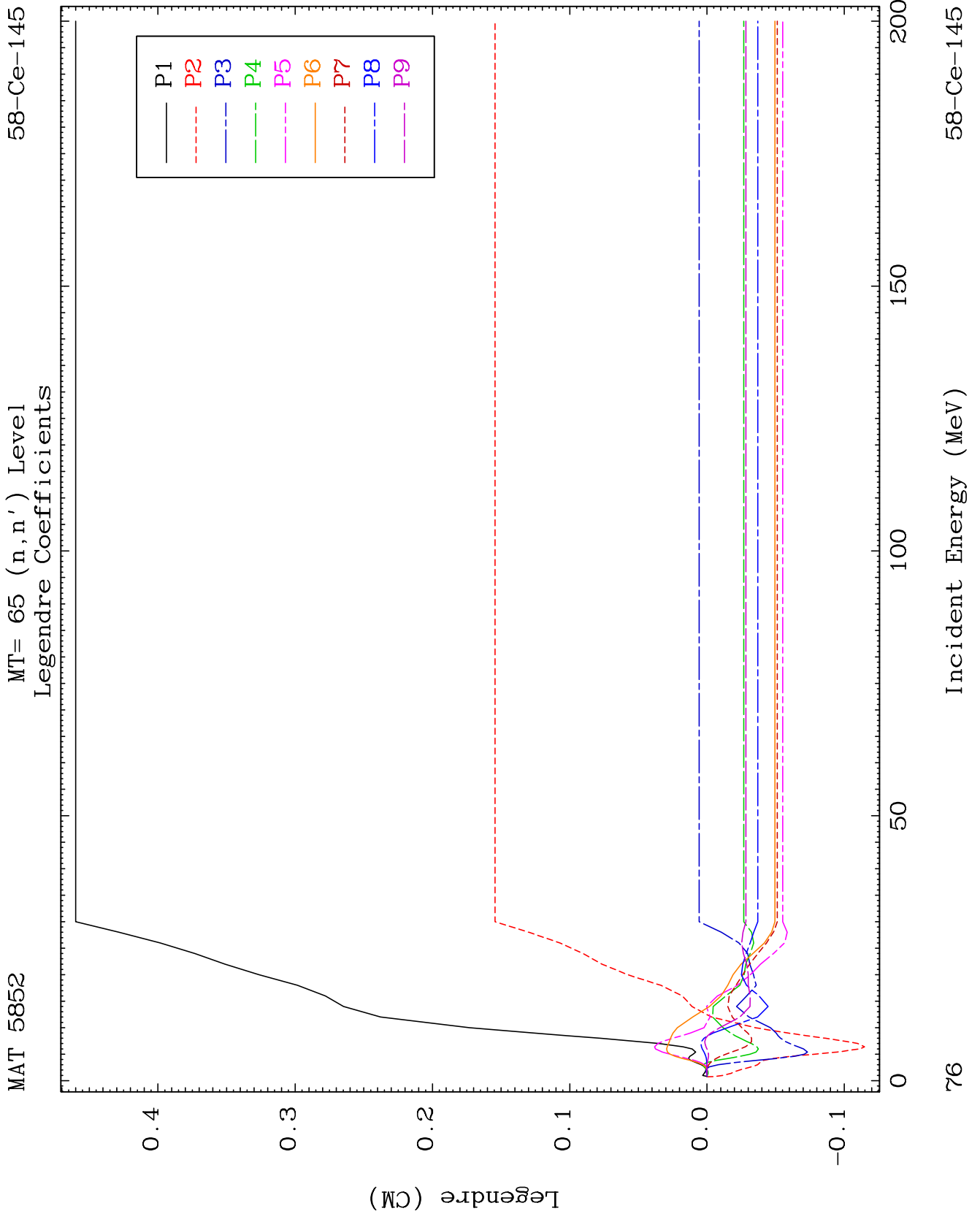
58-Ce-145



75

Incident Energy (MeV)

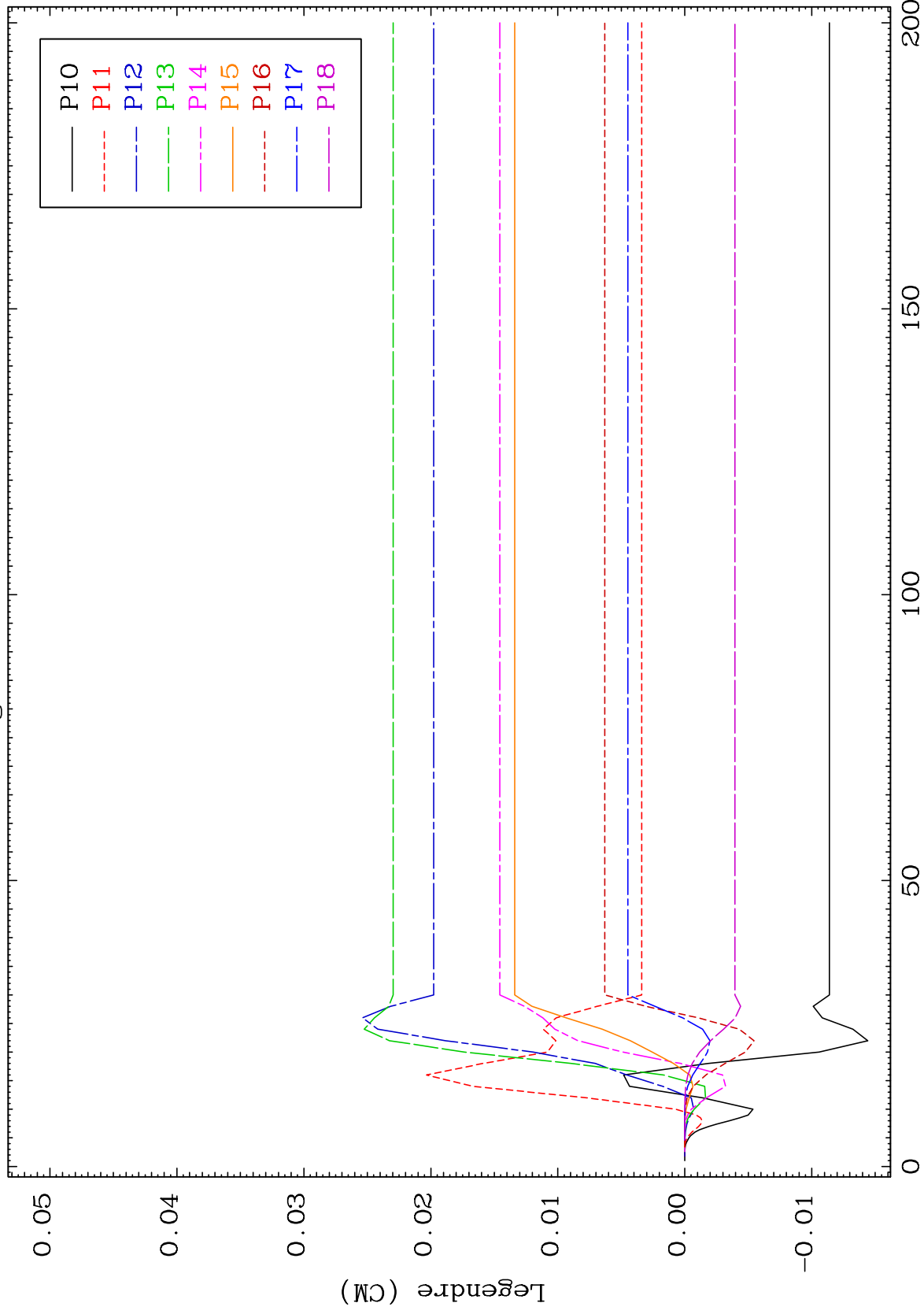
58-Ce-145



MAT 5852

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

58-Ce-145



77

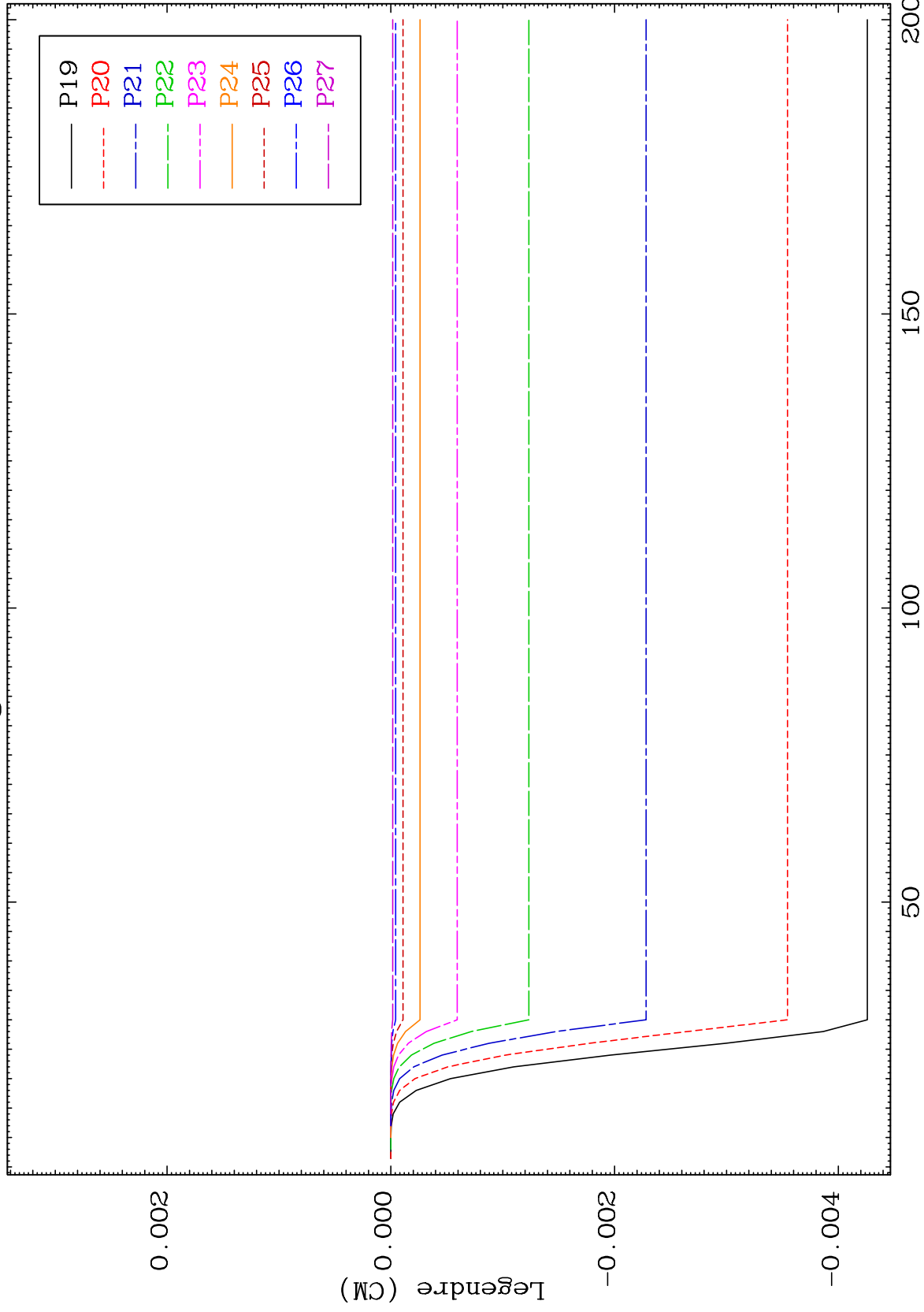
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

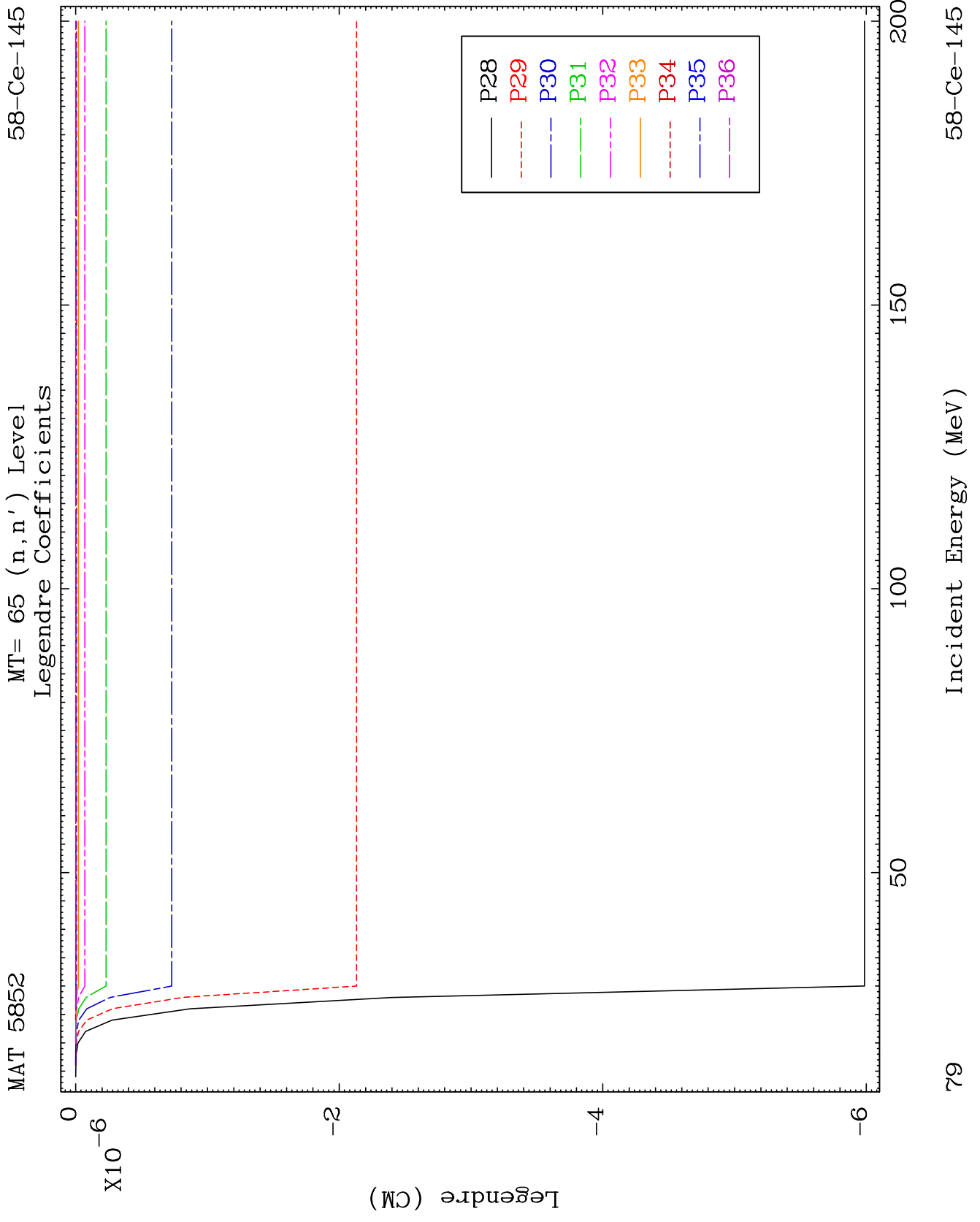
58-Ce-145



78

Incident Energy (MeV)

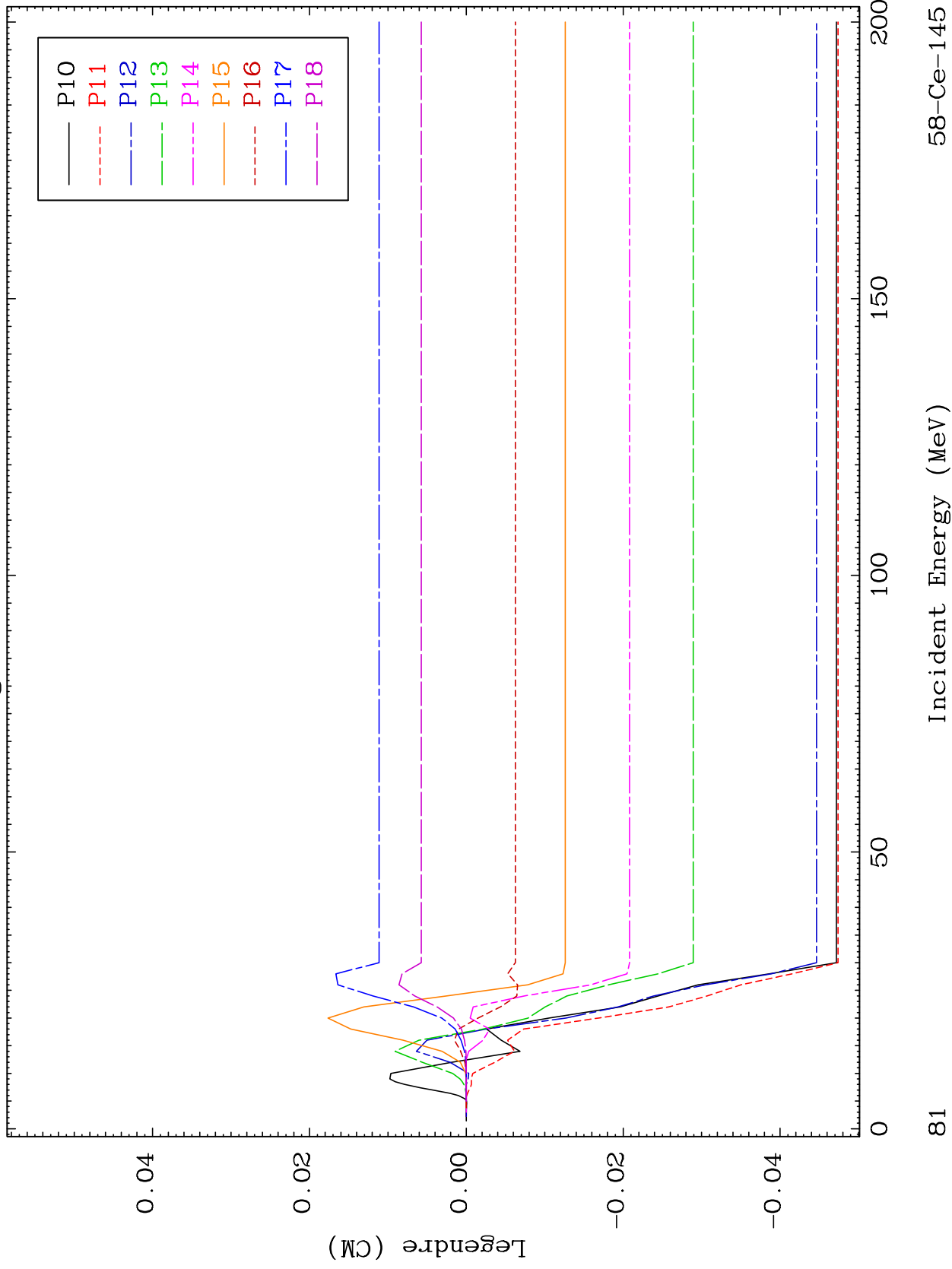
58-Ce-145



MAT 5852

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

58-Ce-145



81

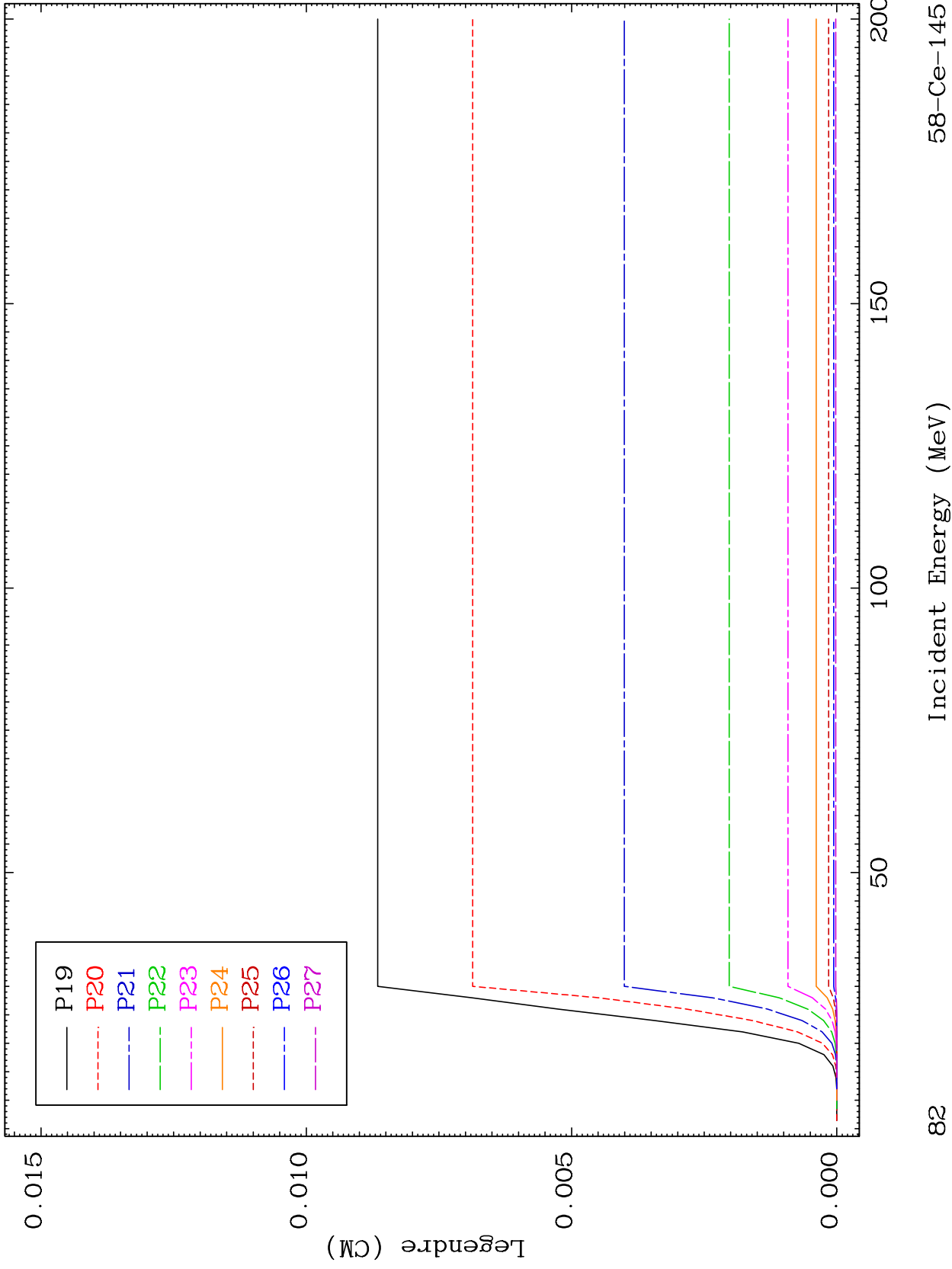
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



82

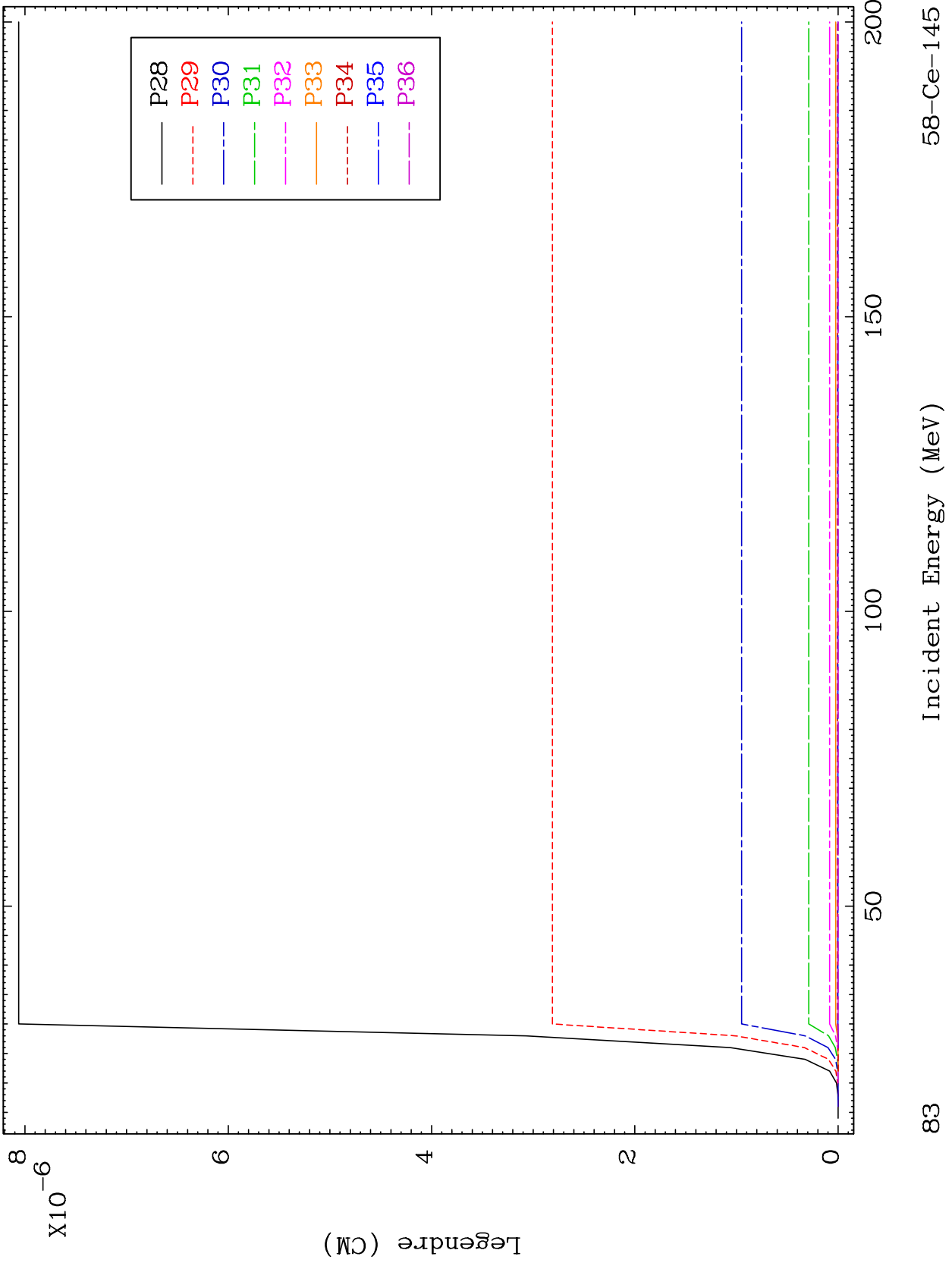
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



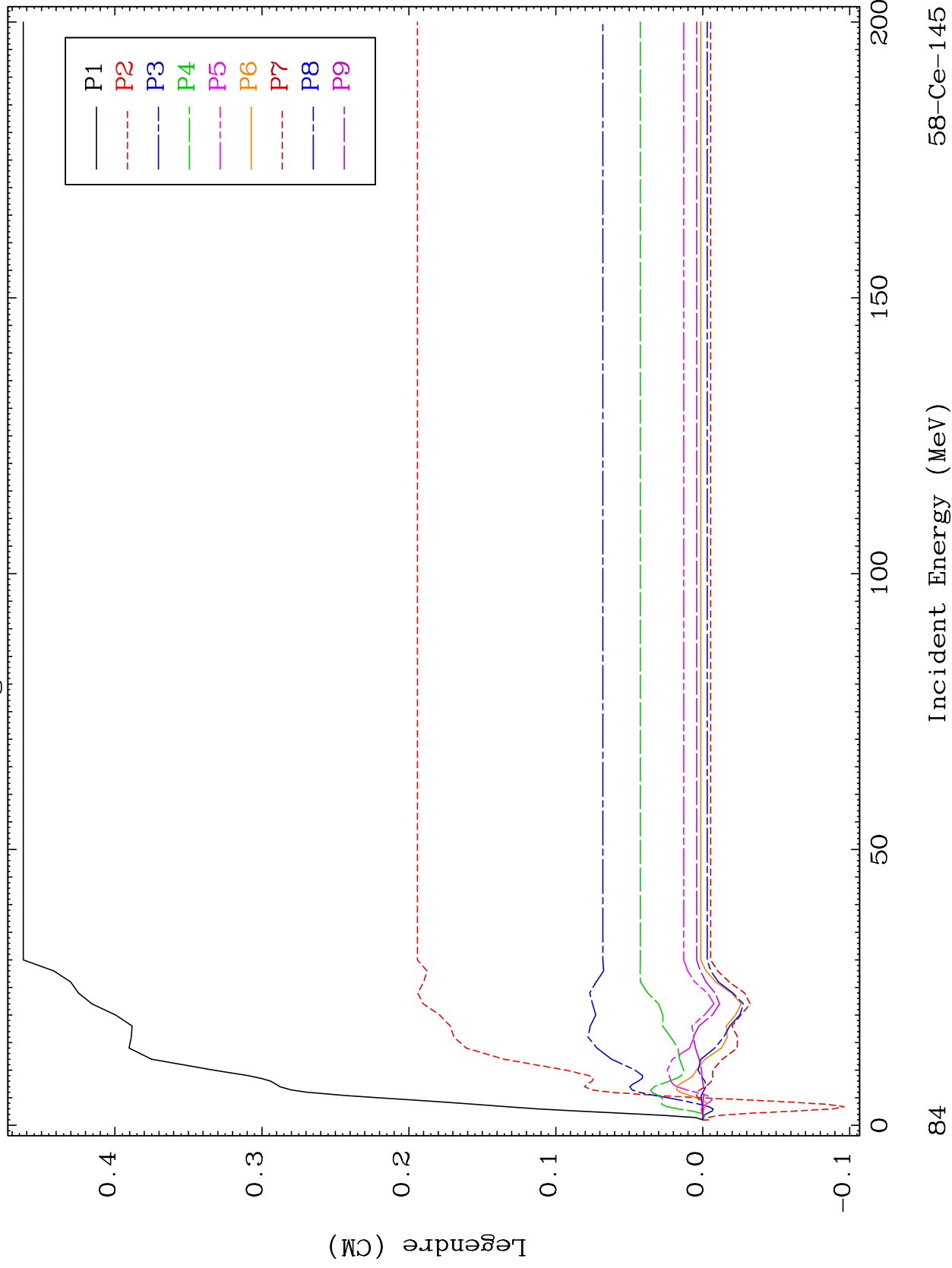
83

58-Ce-145

MAT 5852

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

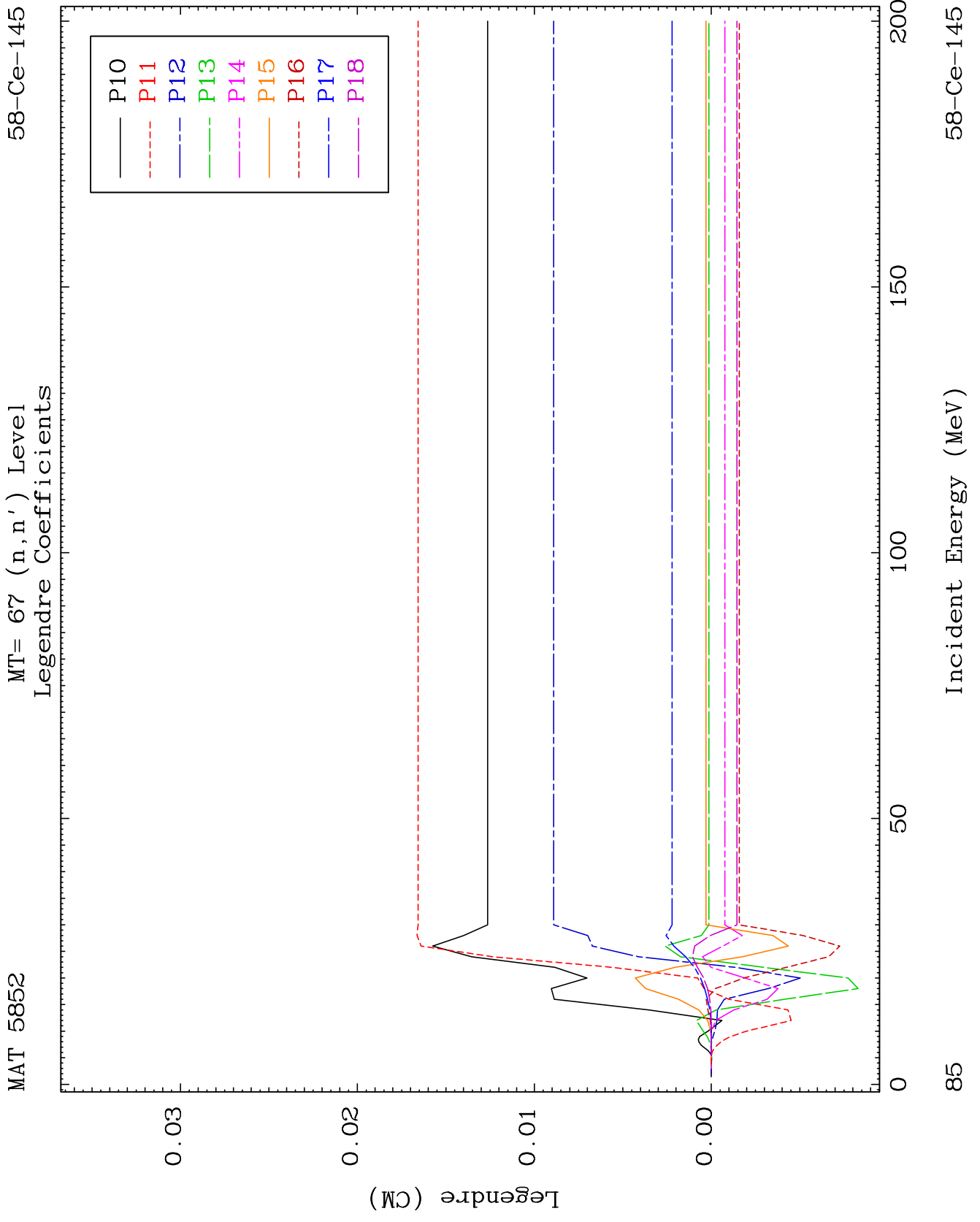
58-Ce-145



58-Ce-145

Incident Energy (MeV)

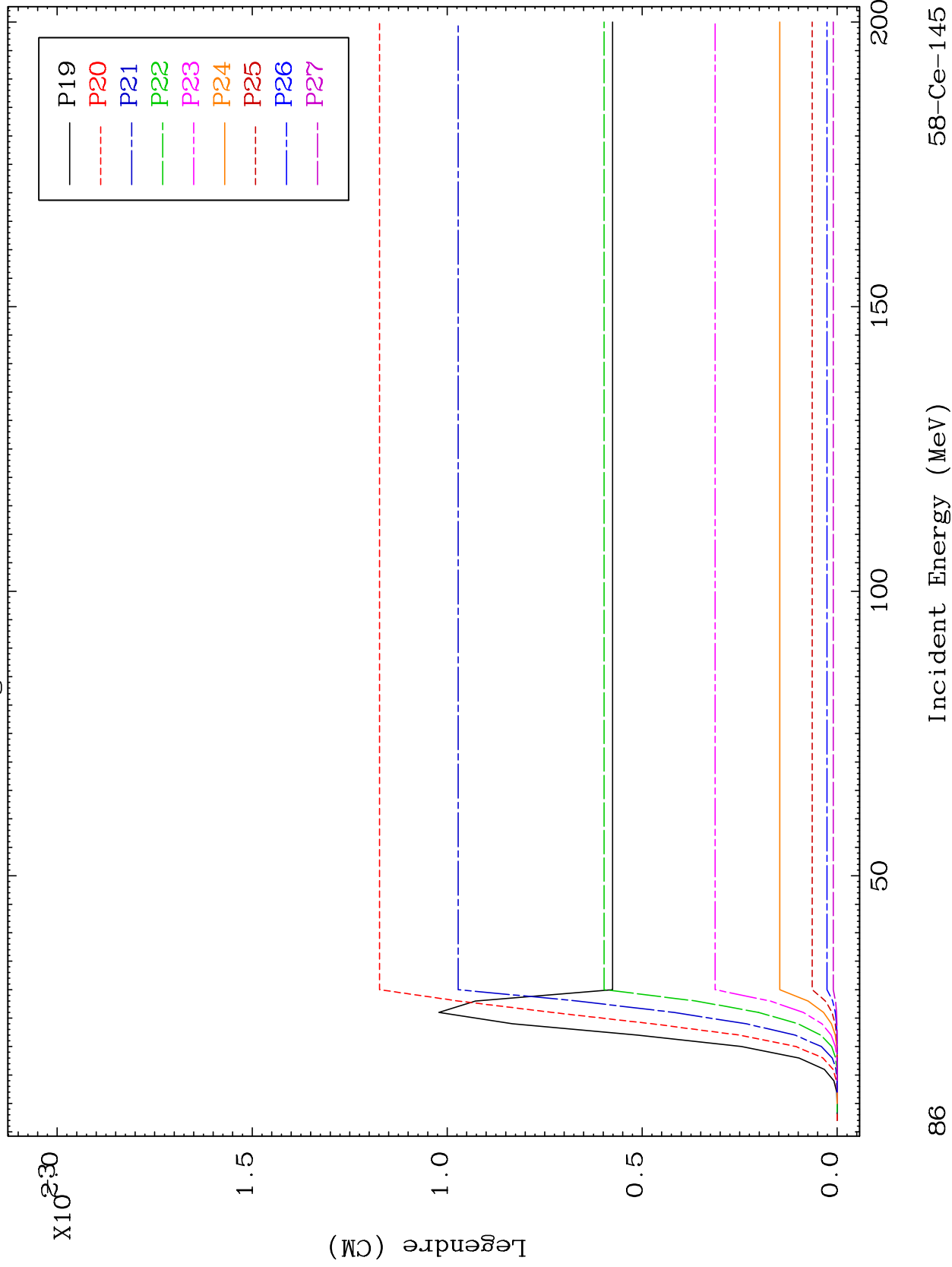
84



MAT 5852

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

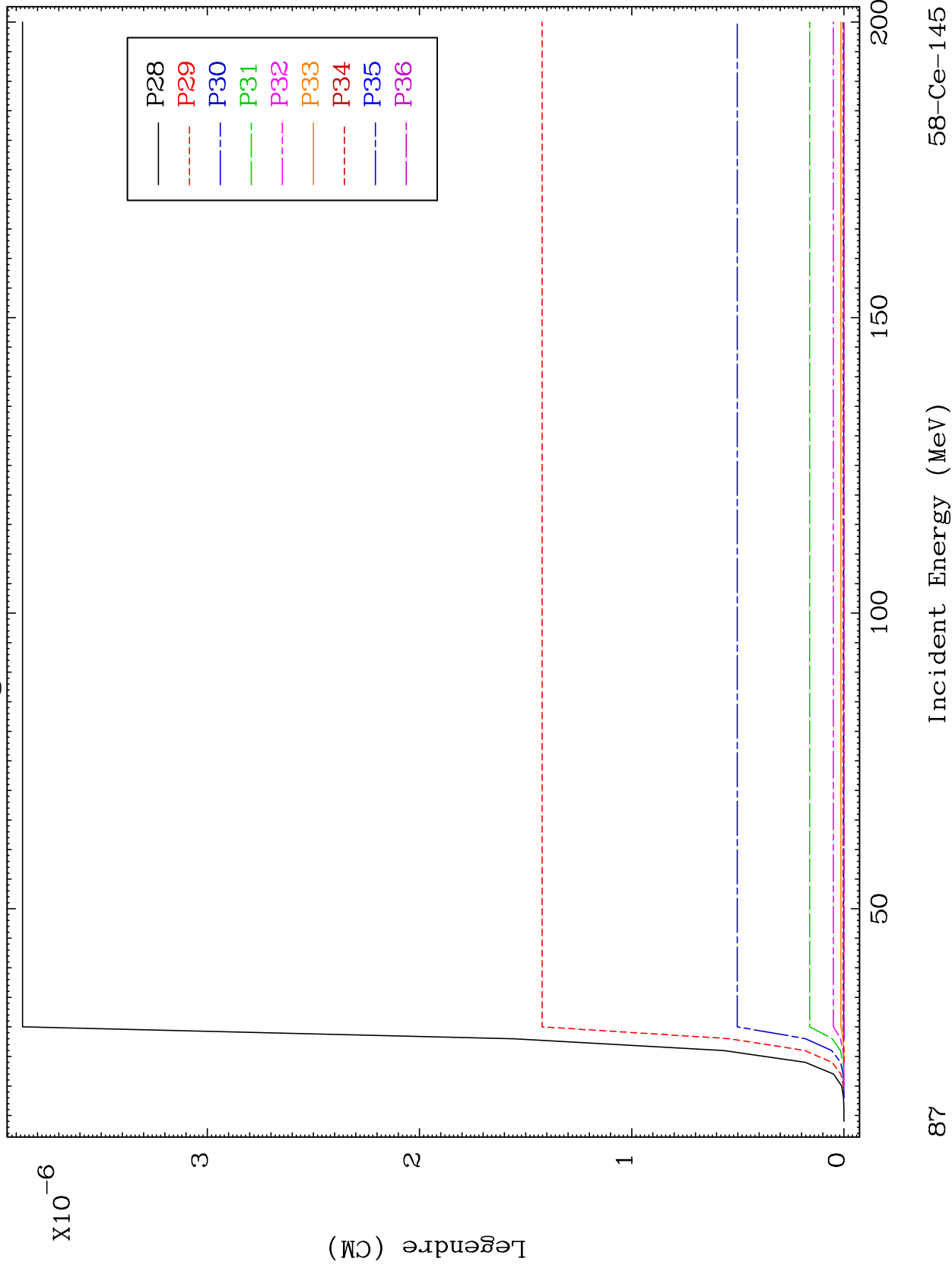
58-Ce-145



MAT 5852

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

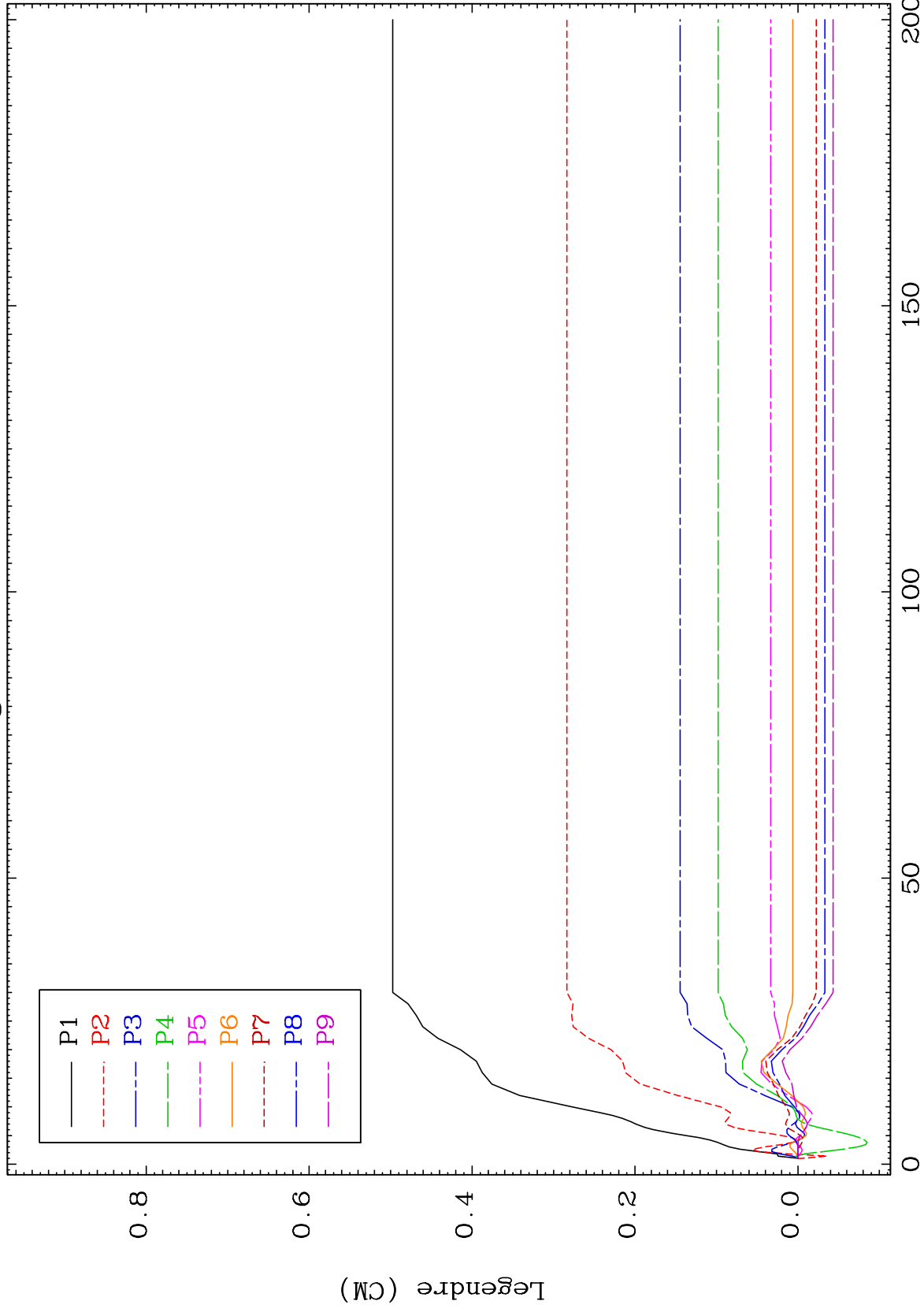
58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

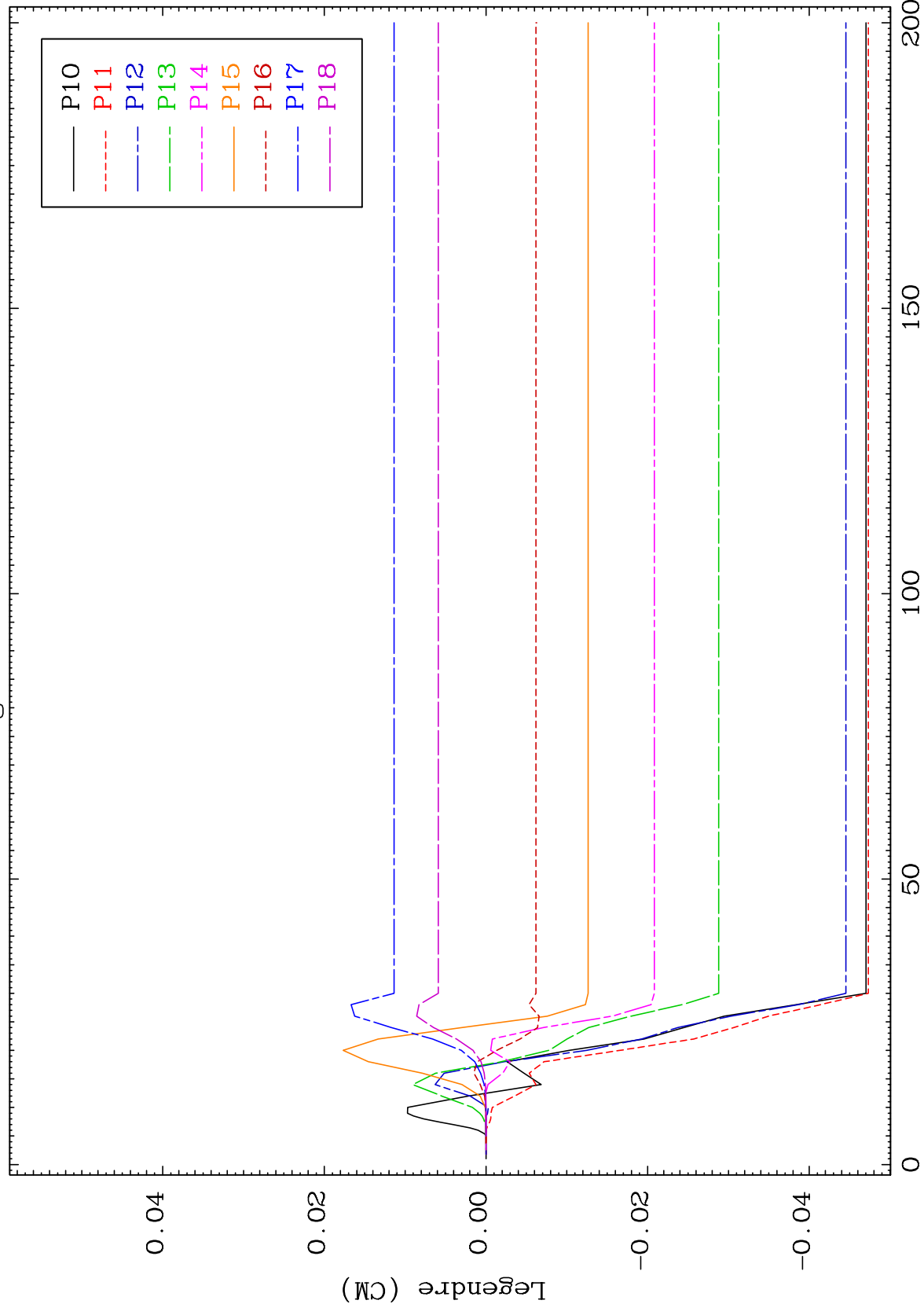
Incident Energy (MeV)

88

MAT 5852

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

58-Ce-145



89

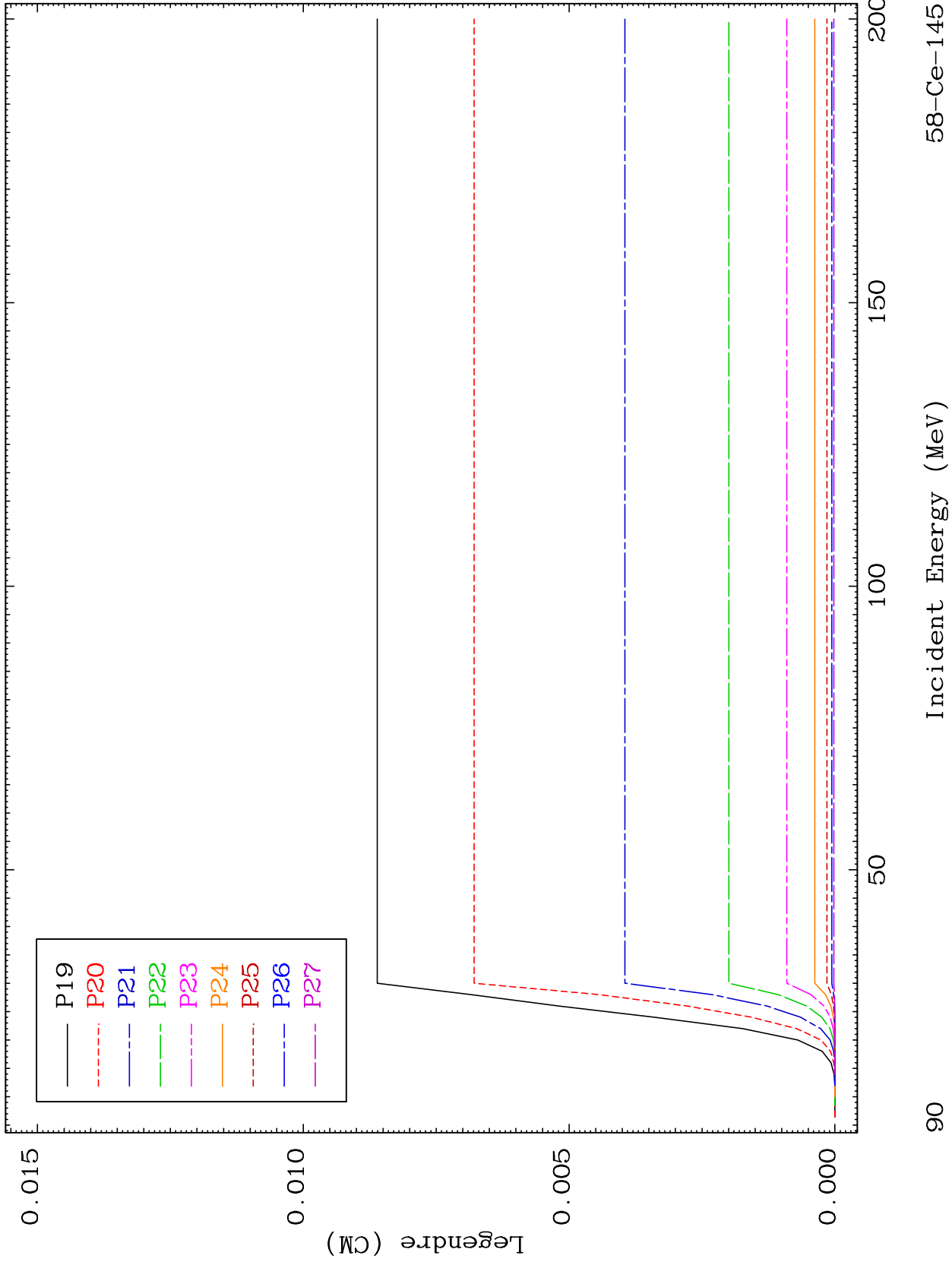
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



90

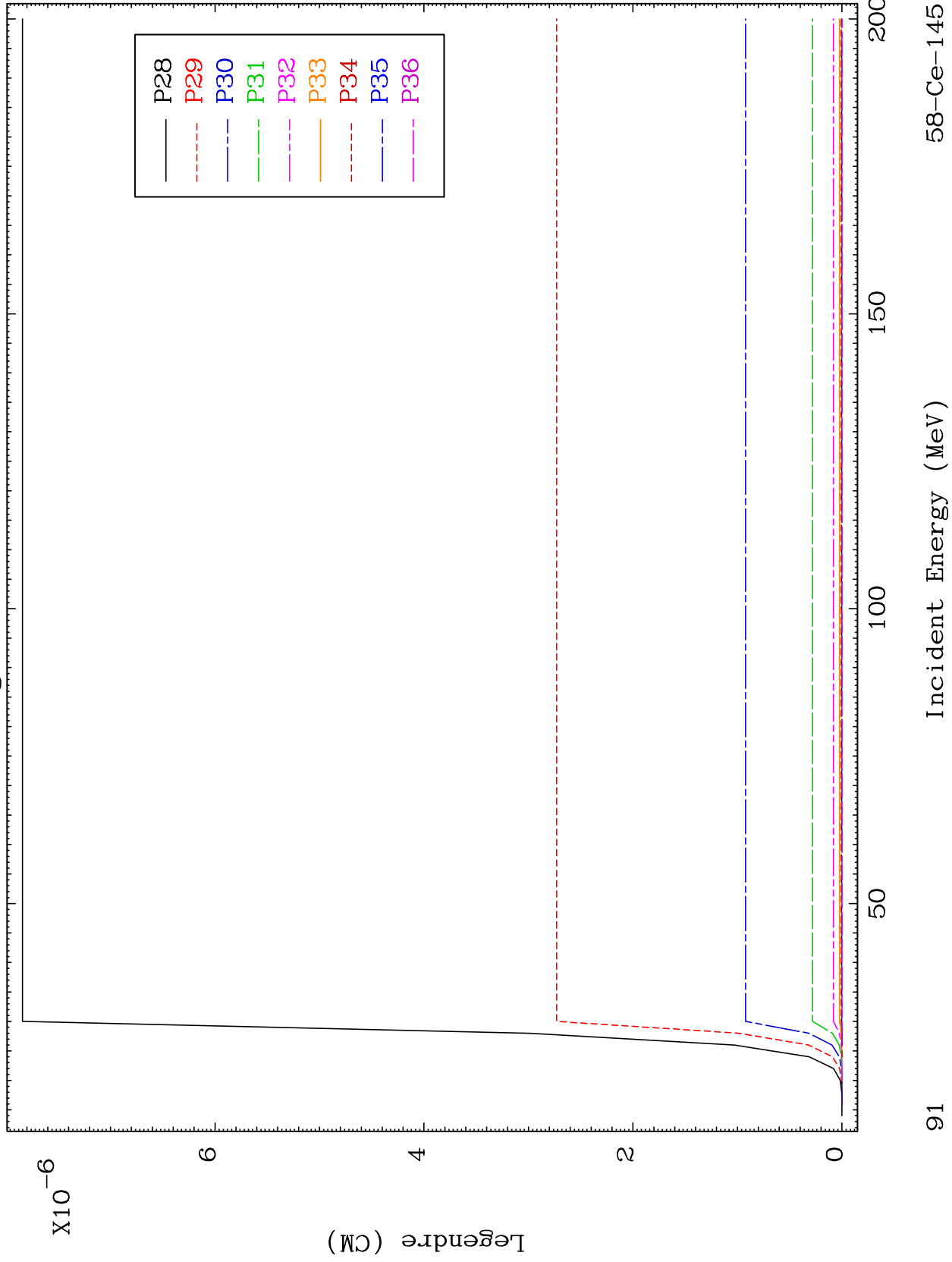
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

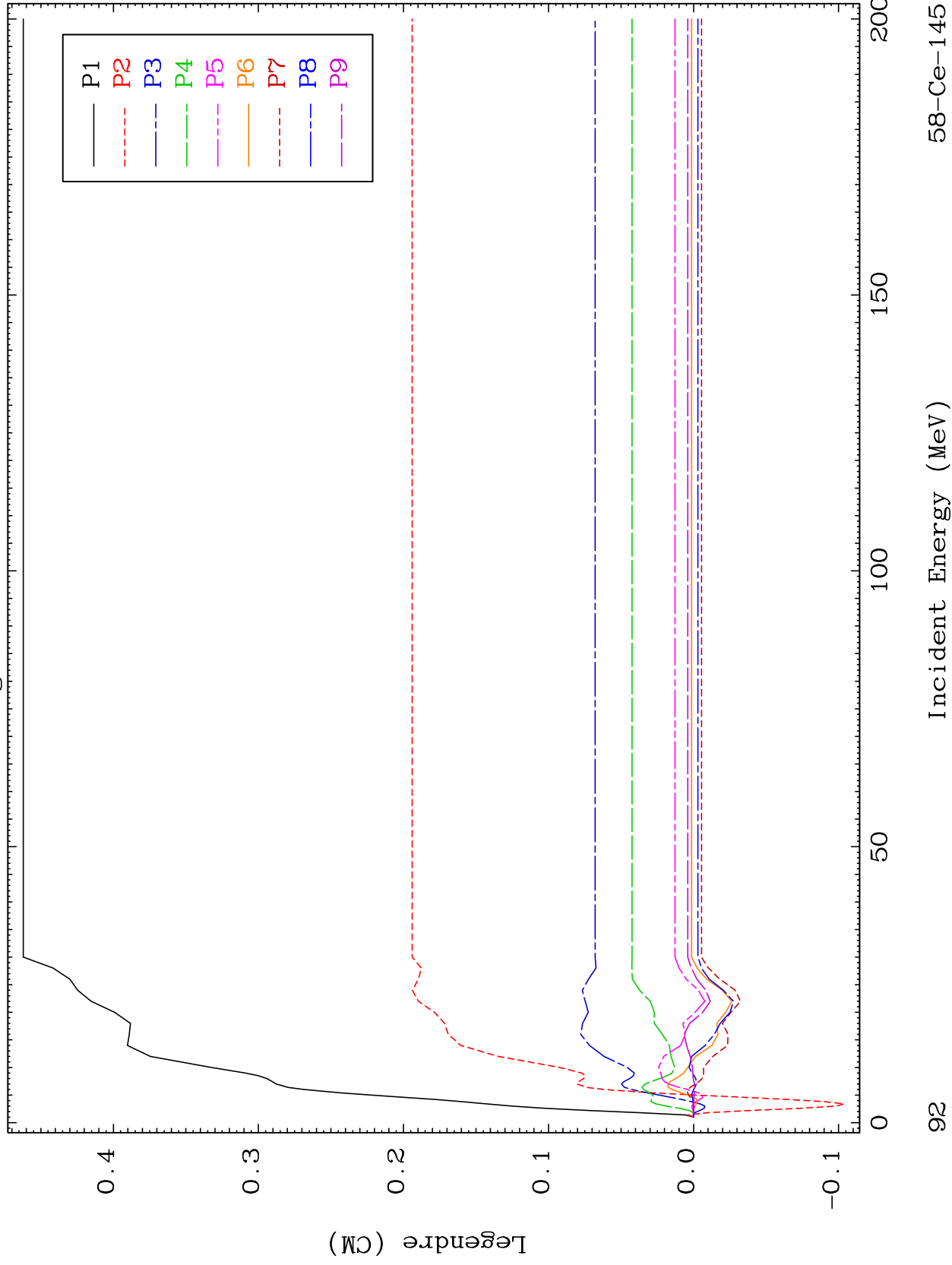
58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

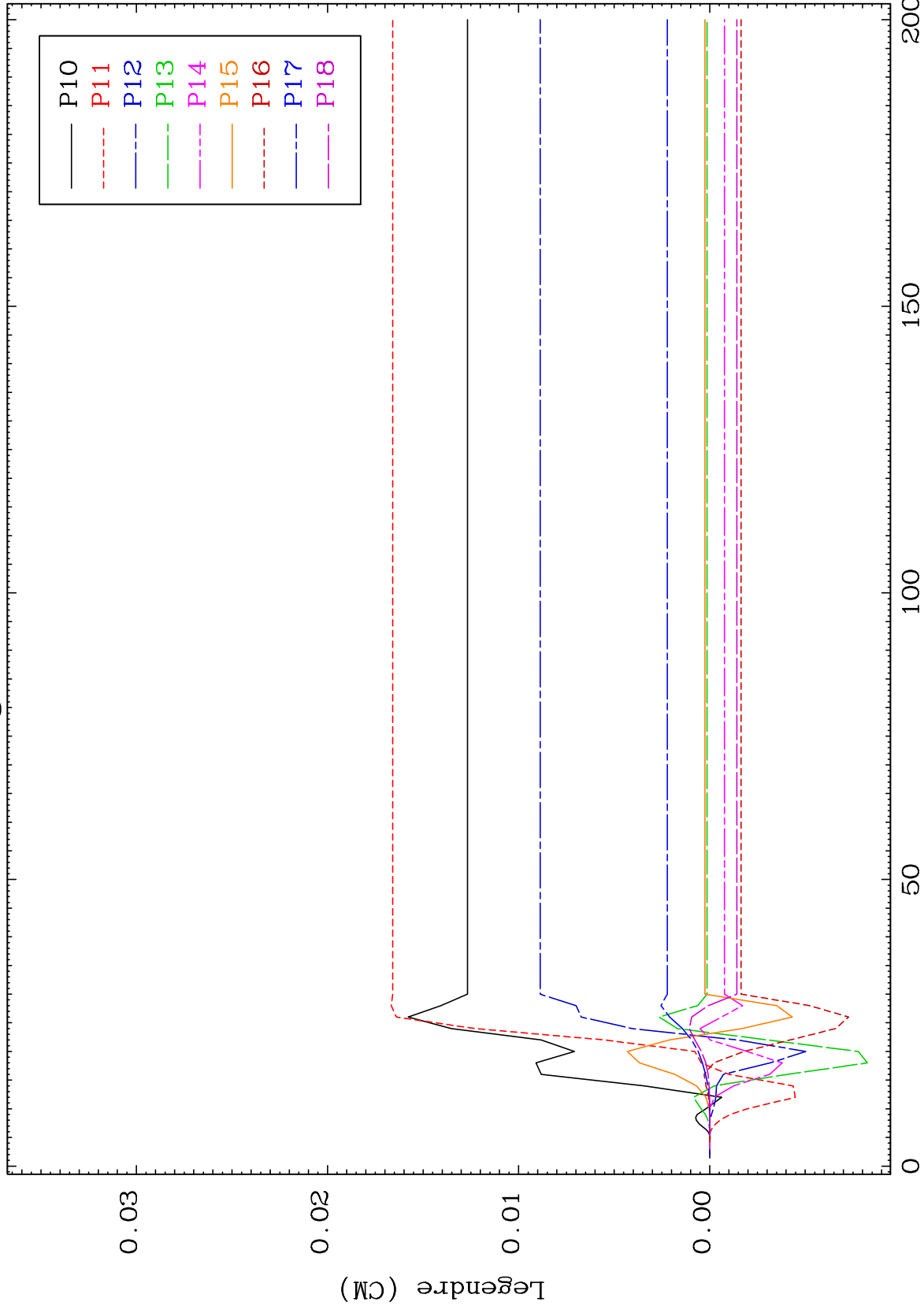
Incident Energy (MeV)

92

MAT 5852

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

58-Ce-145



93

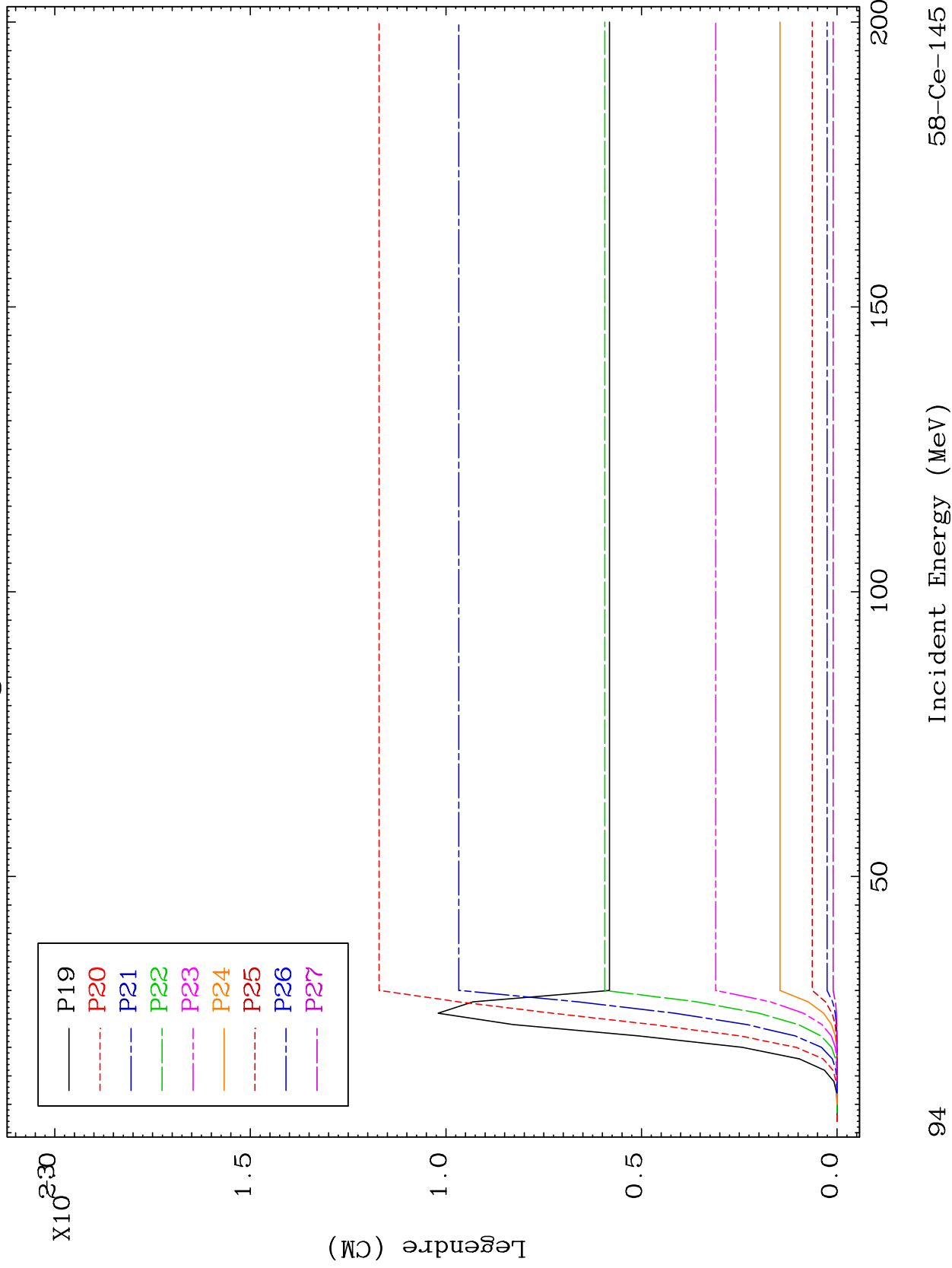
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

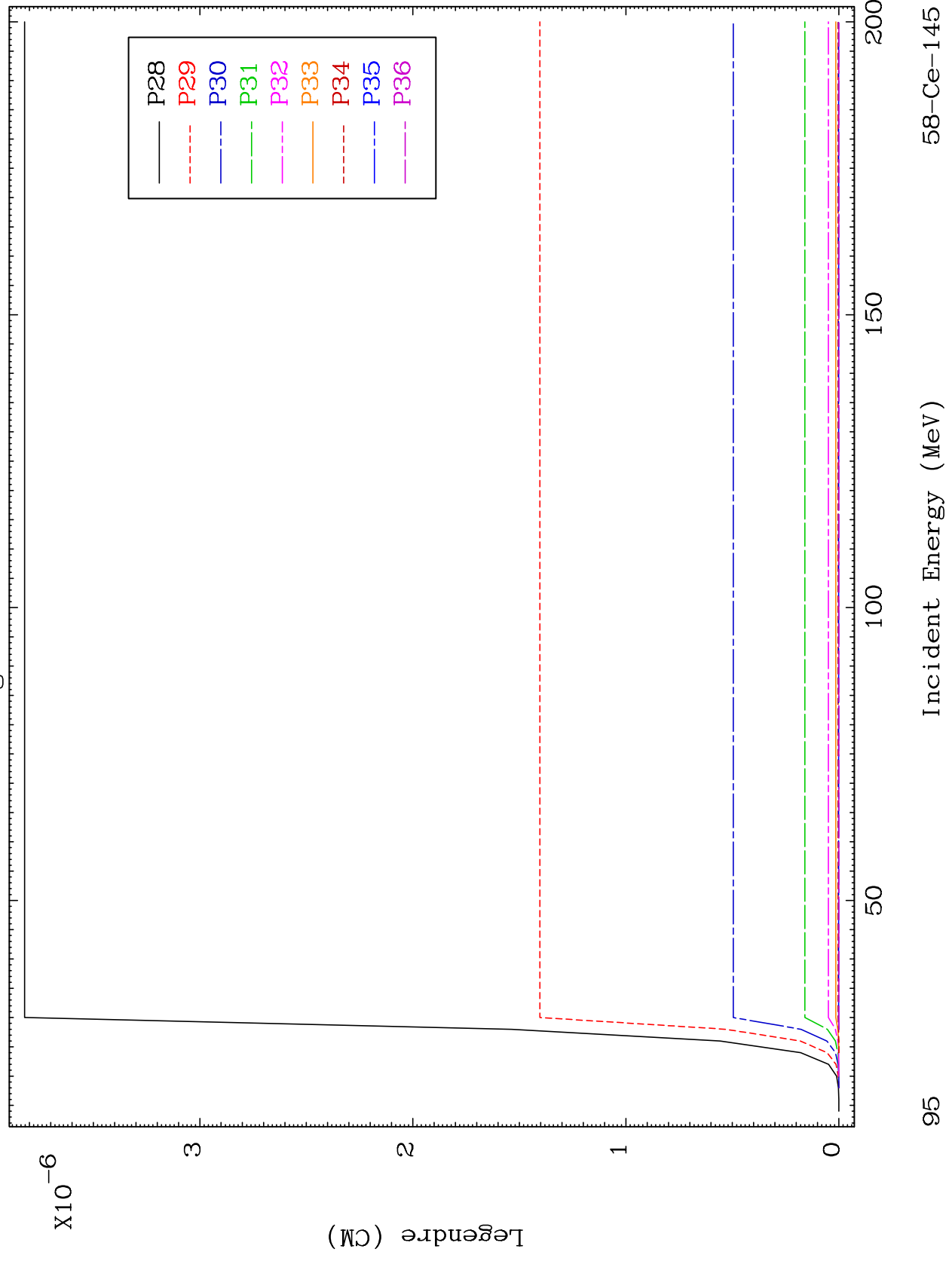
58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

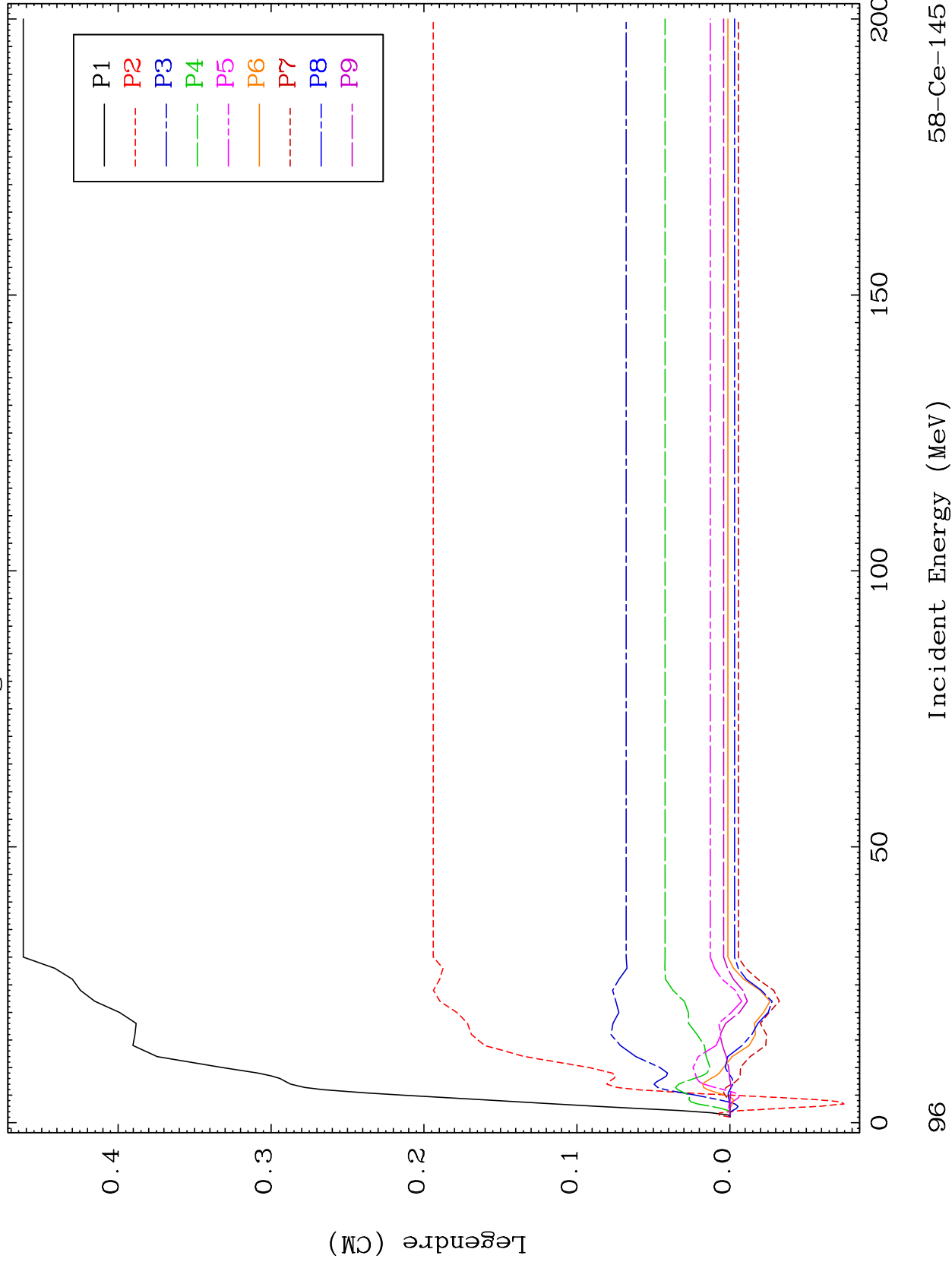
Incident Energy (MeV)

95

MAT 5852

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

58-Ce-145



58-Ce-145

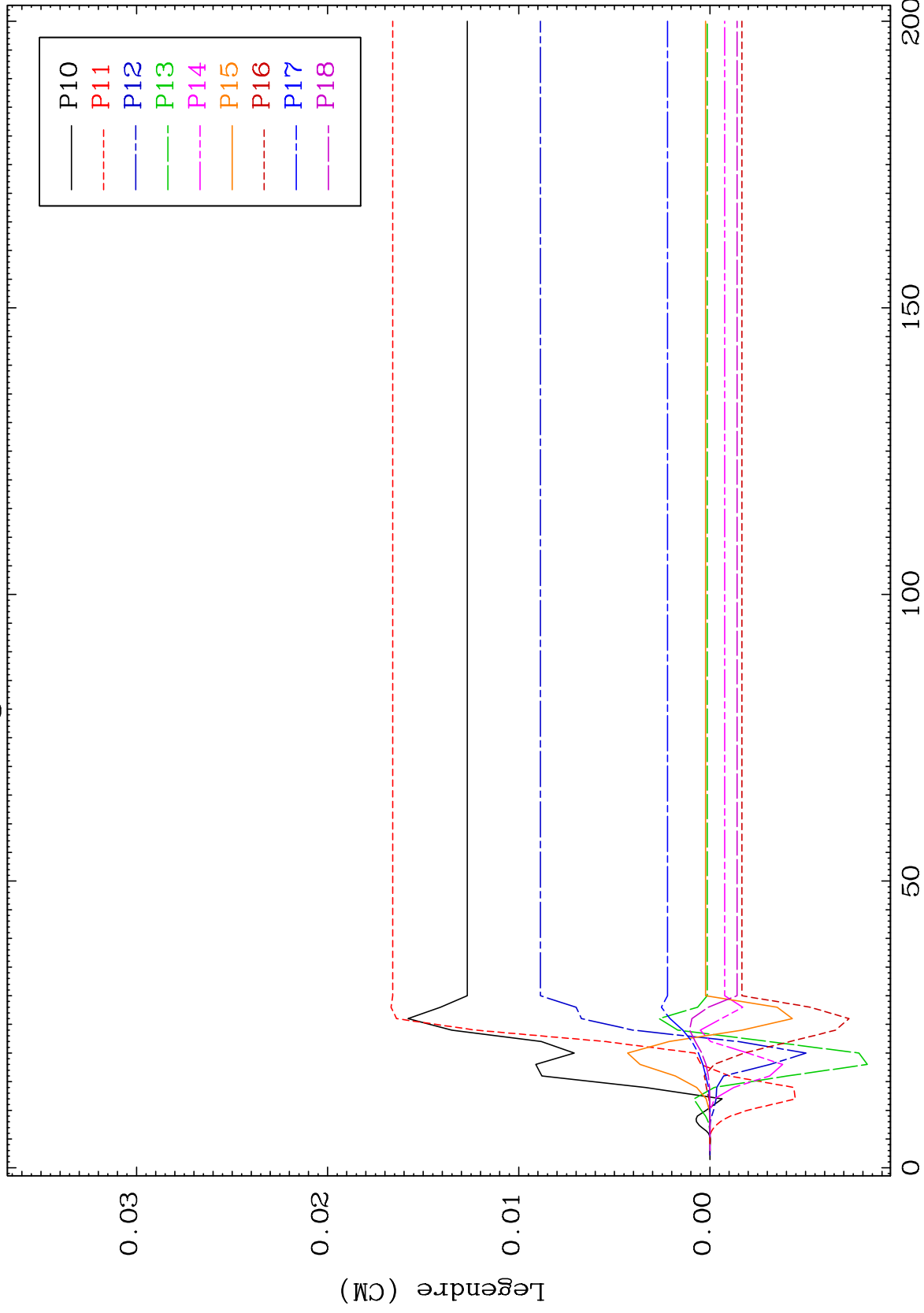
Incident Energy (MeV)

96

MAT 5852

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

58-Ce-145



97

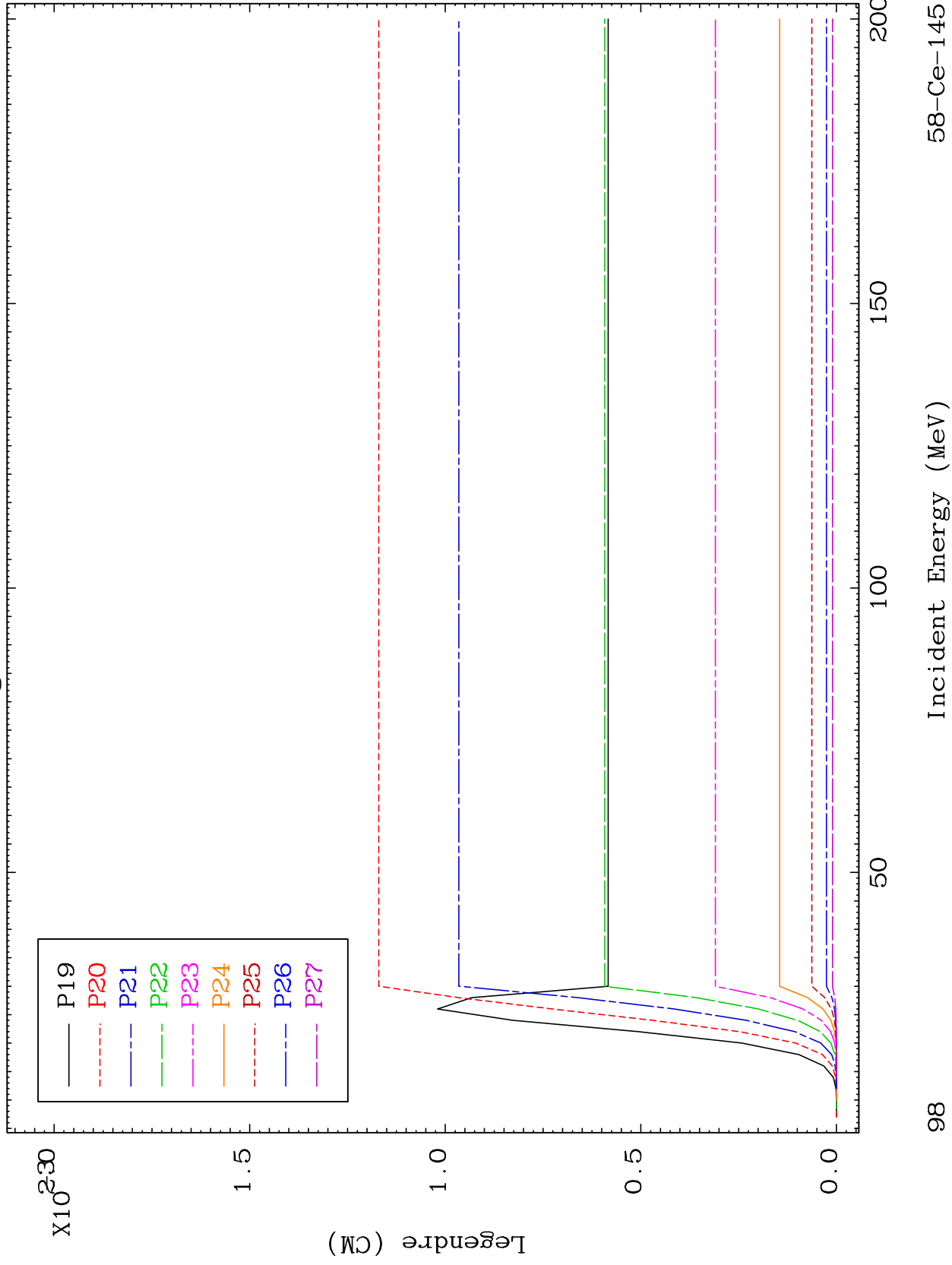
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

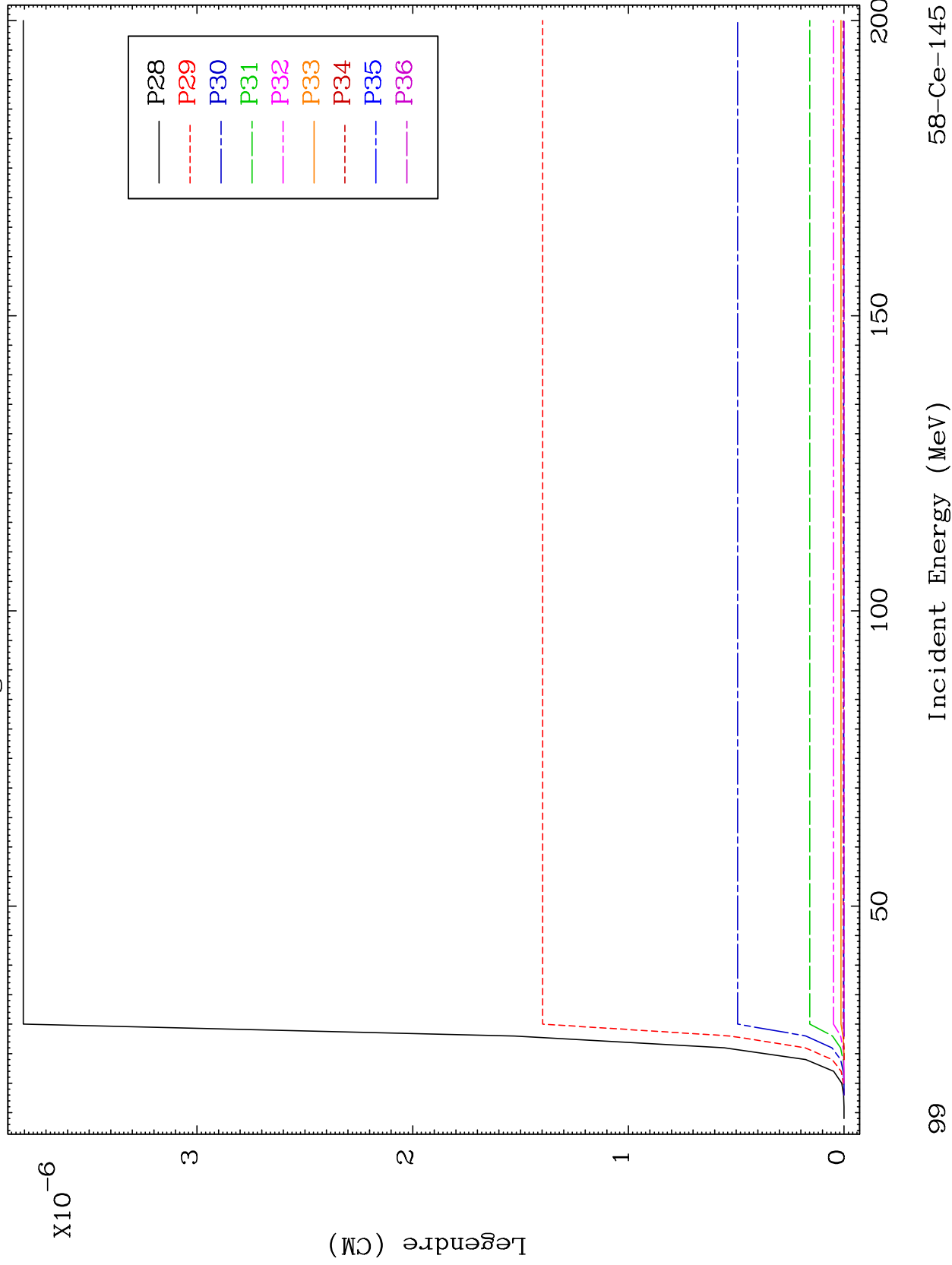
58-Ce-145



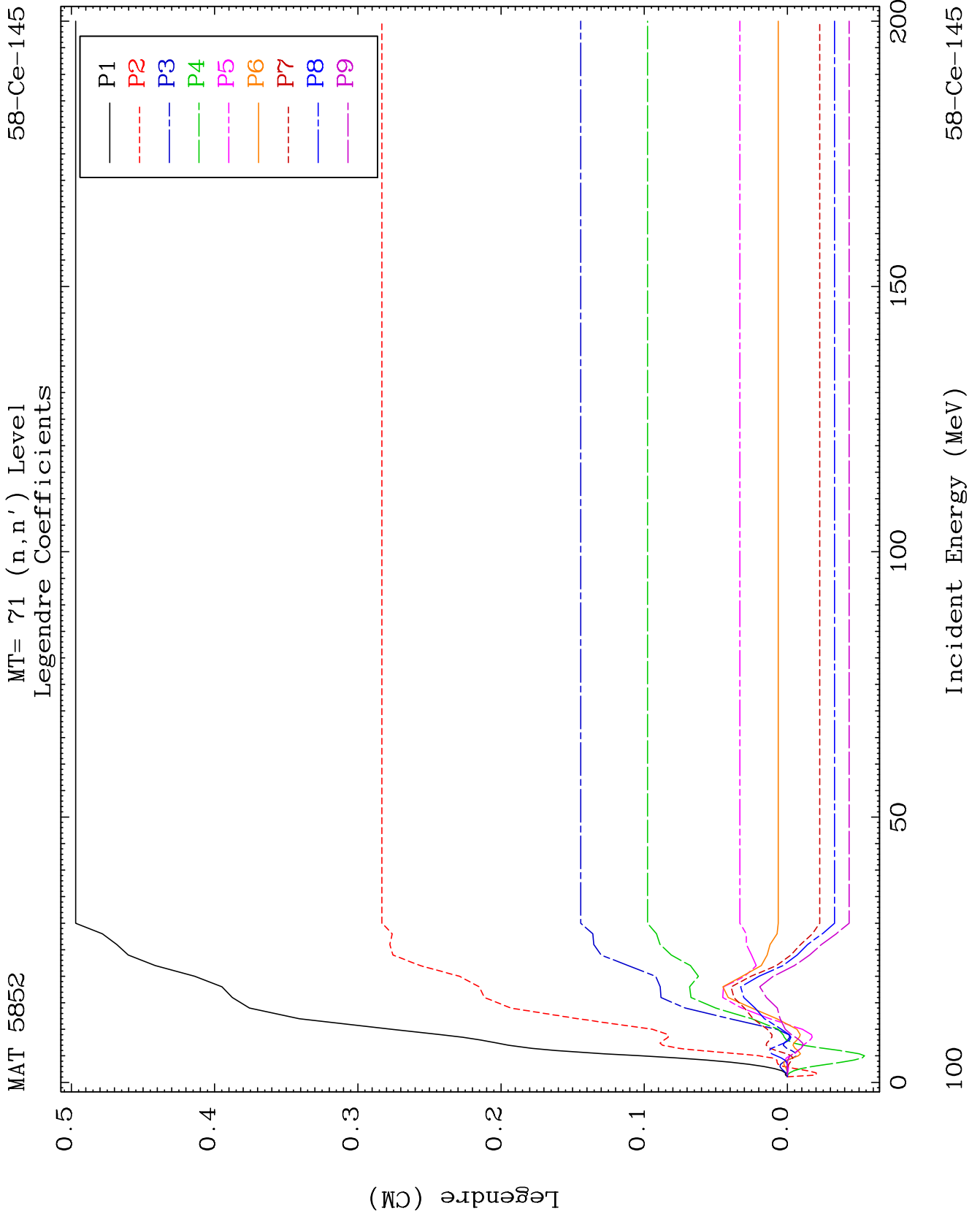
MAT 5852

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

58-Ce-145



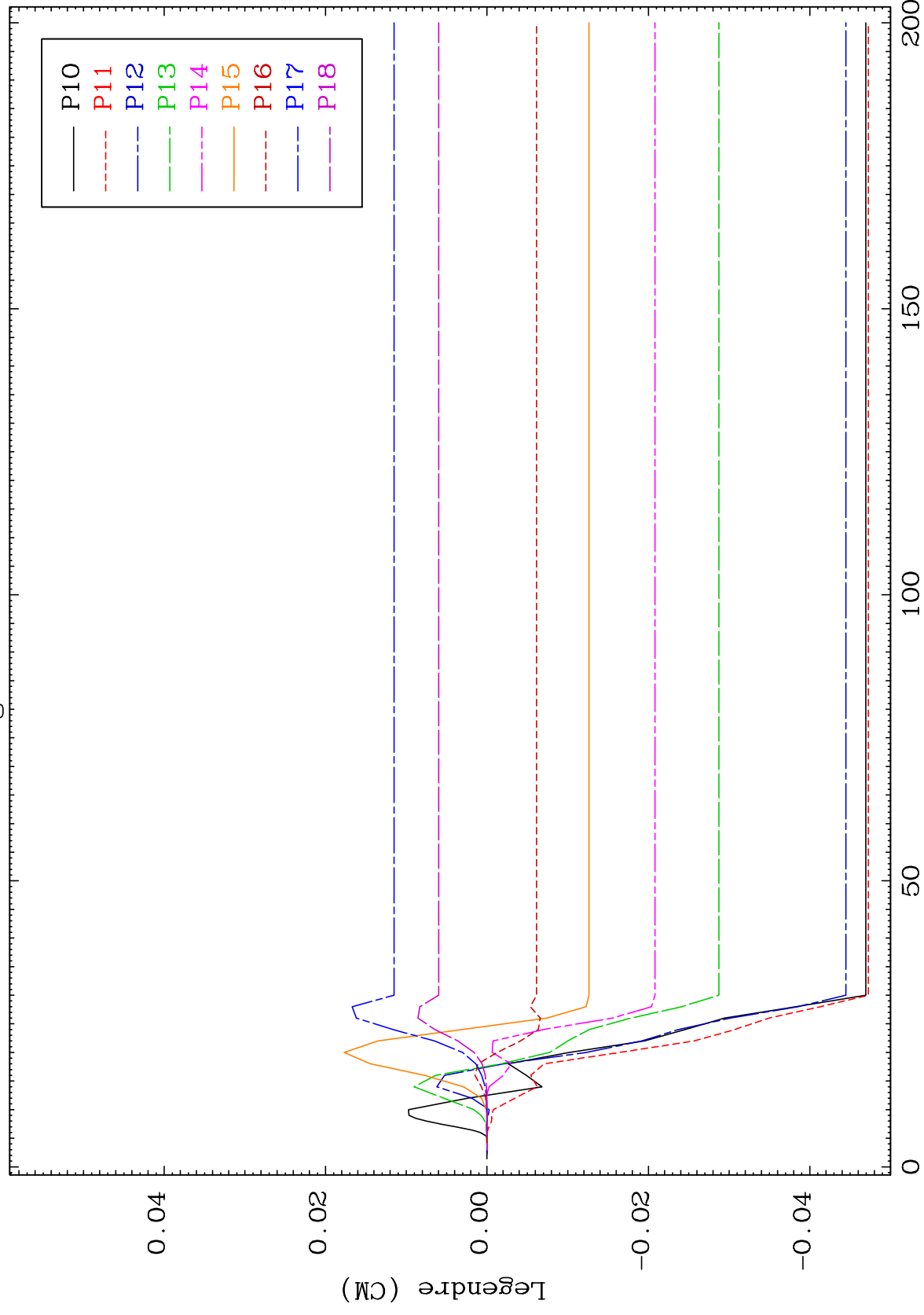
99



MAT 5852

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

58-Ce-145



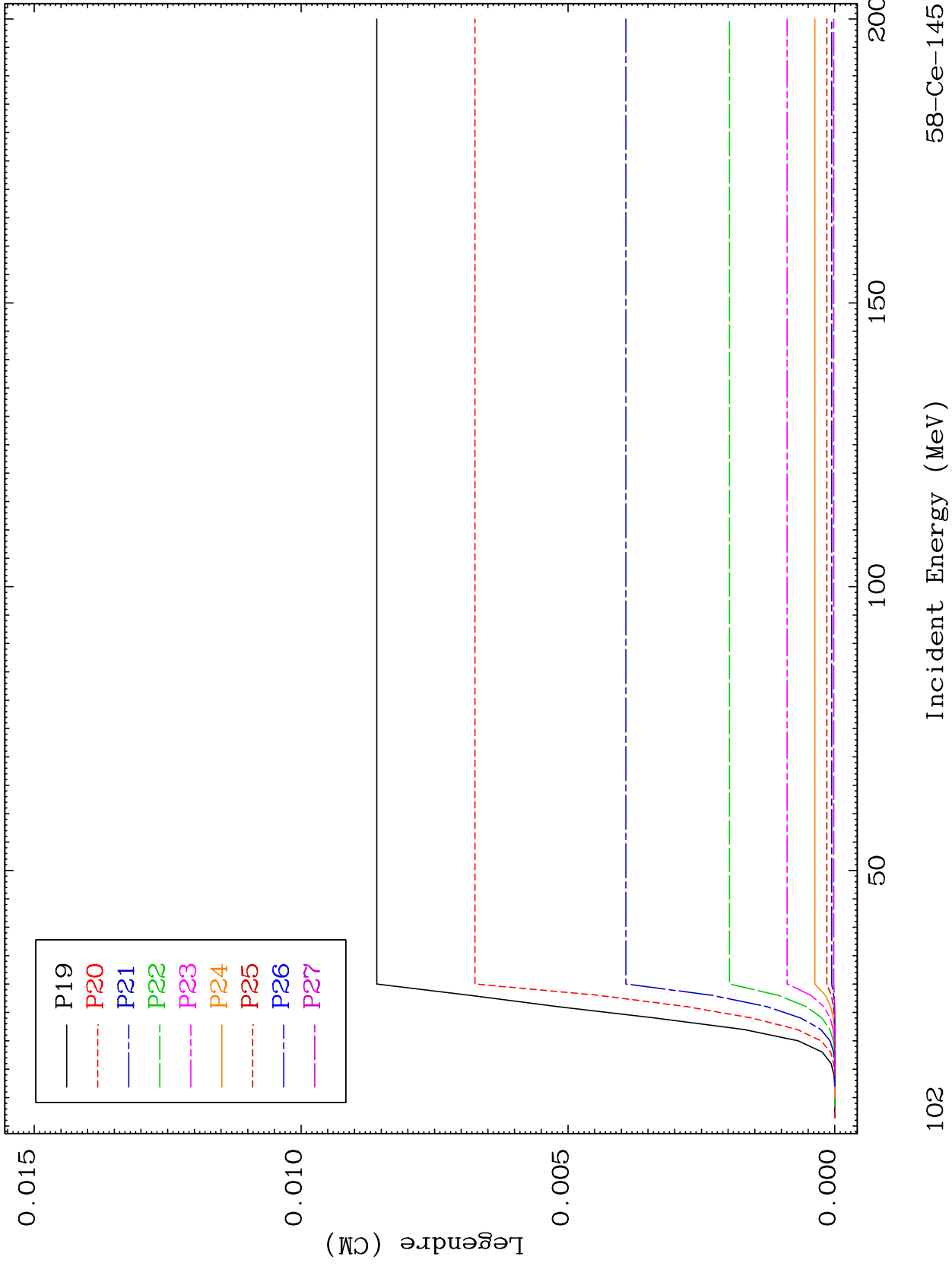
101

58-Ce-145

MAT 5852

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

58-Ce-145



102

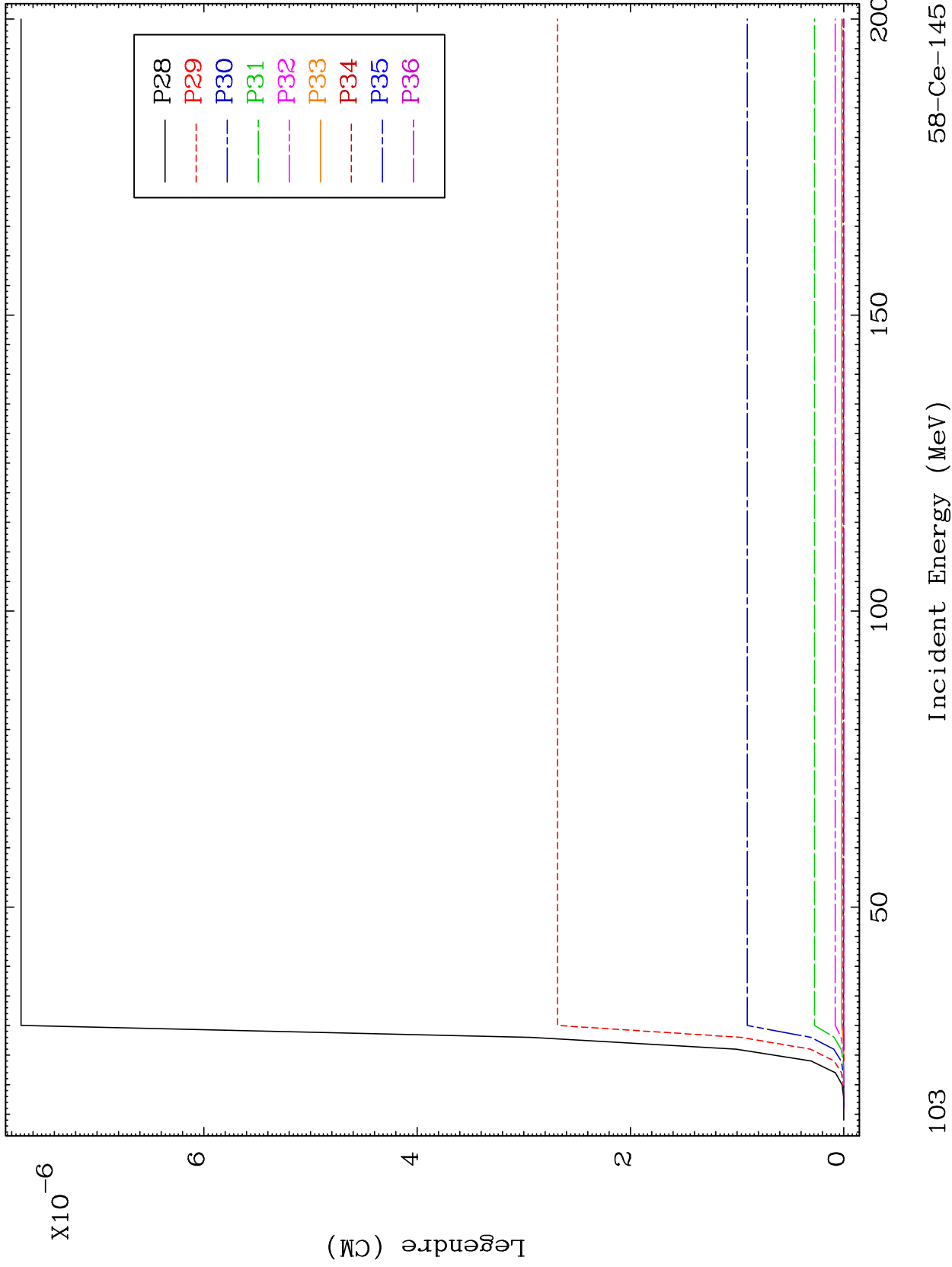
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

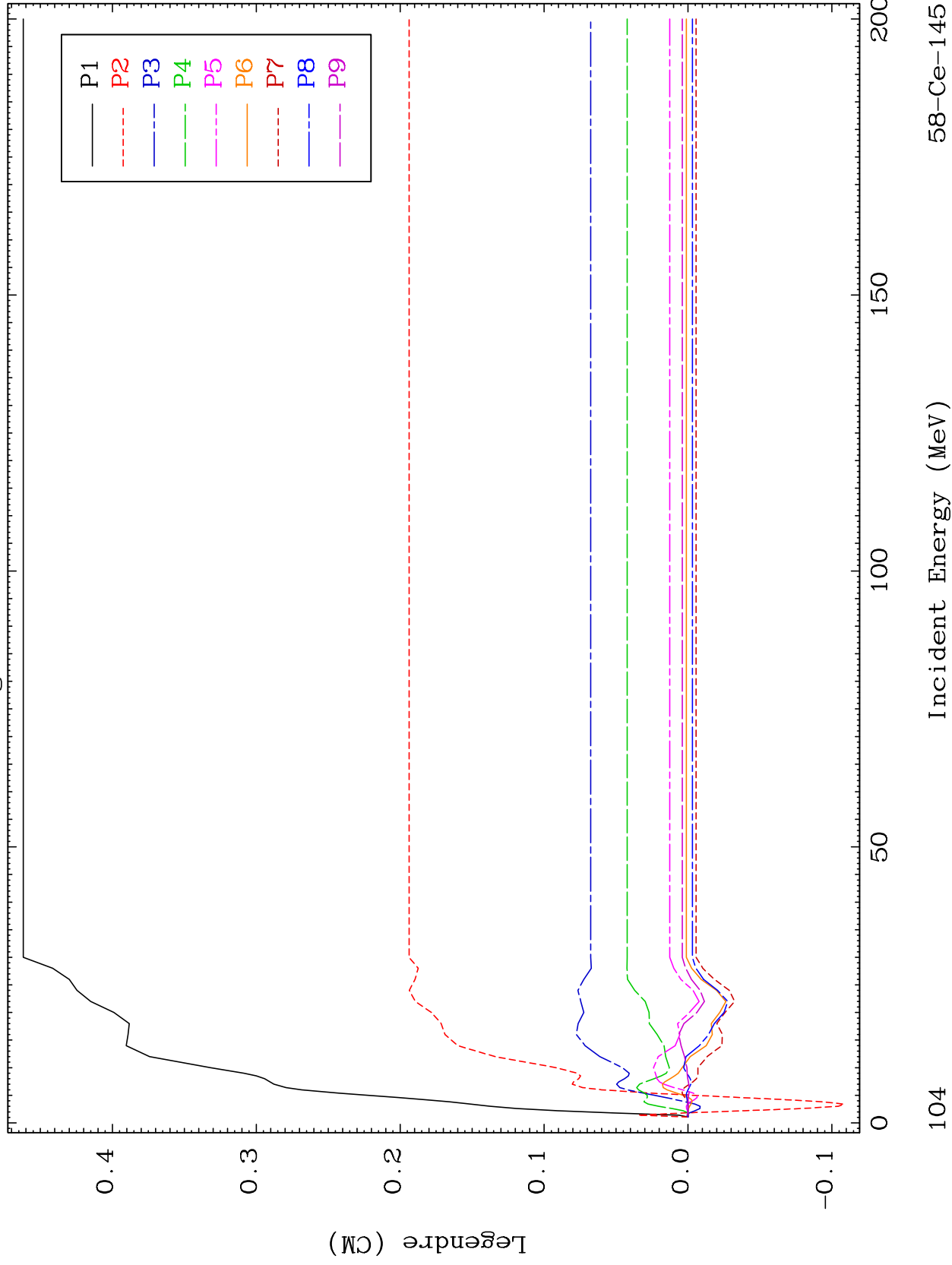
58-Ce-145



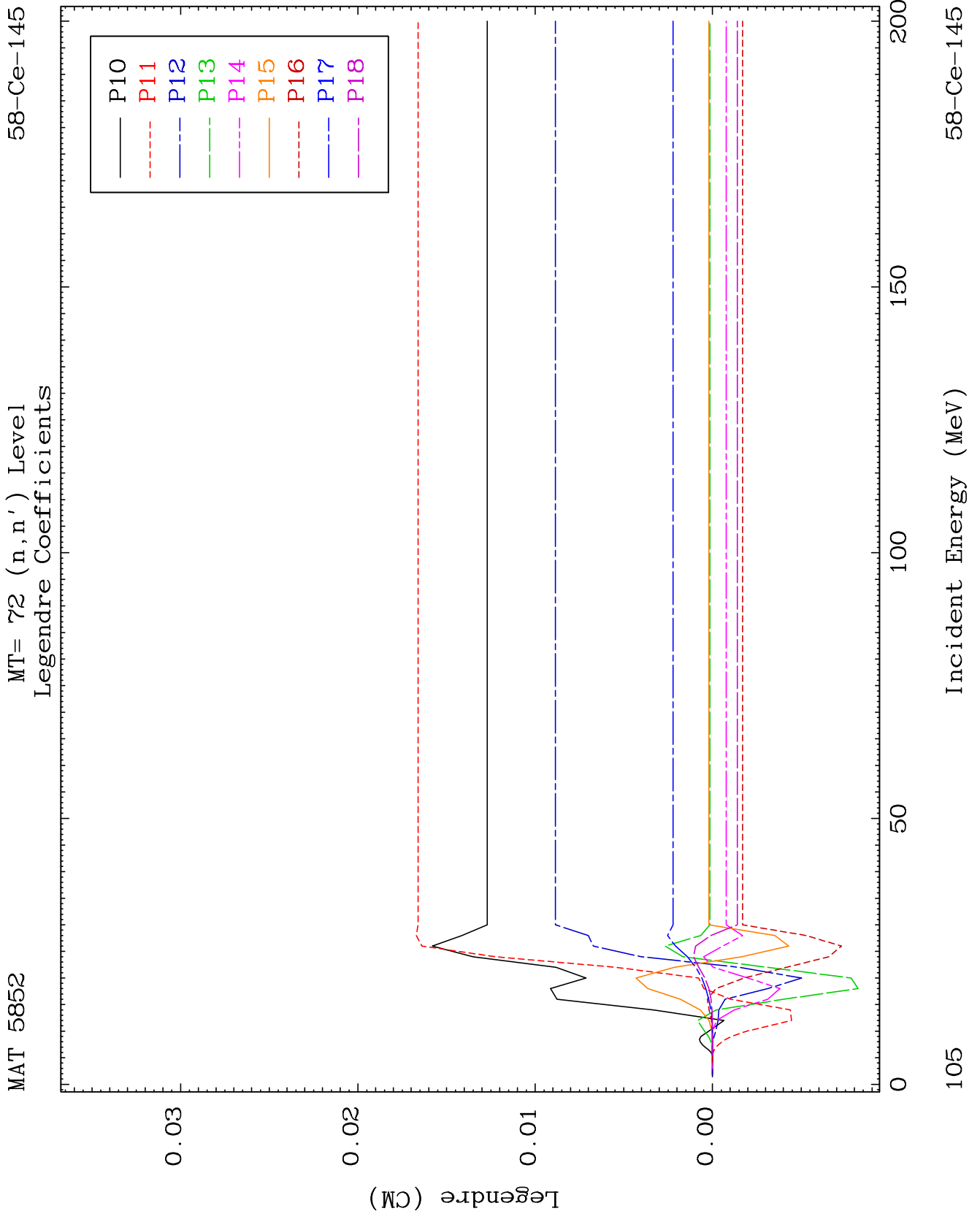
MAT 5852

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

58-Ce-145



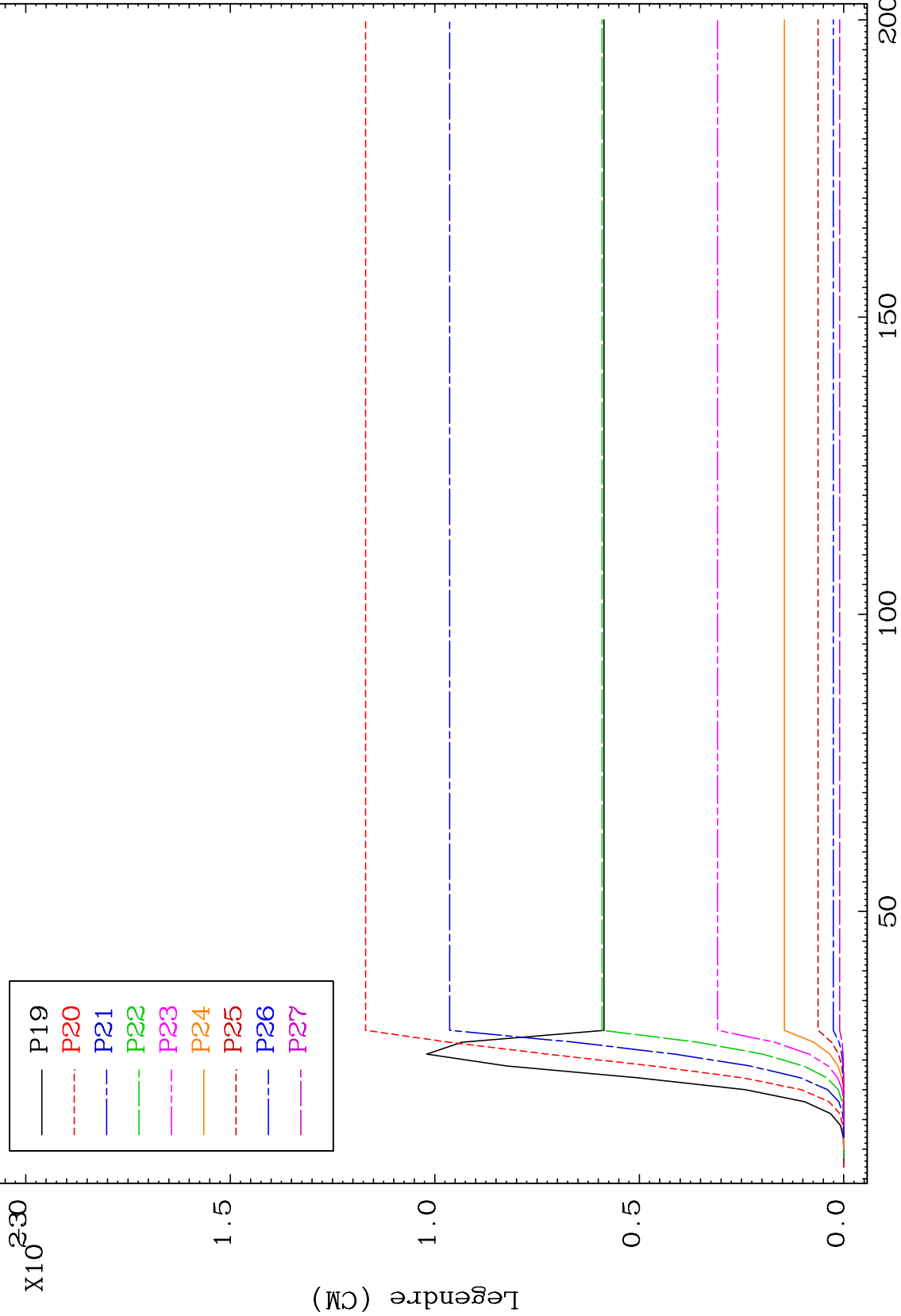
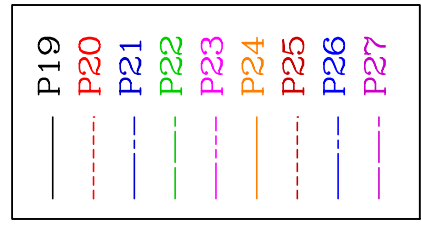
104



MAT 5852

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

58-Ce-145



106

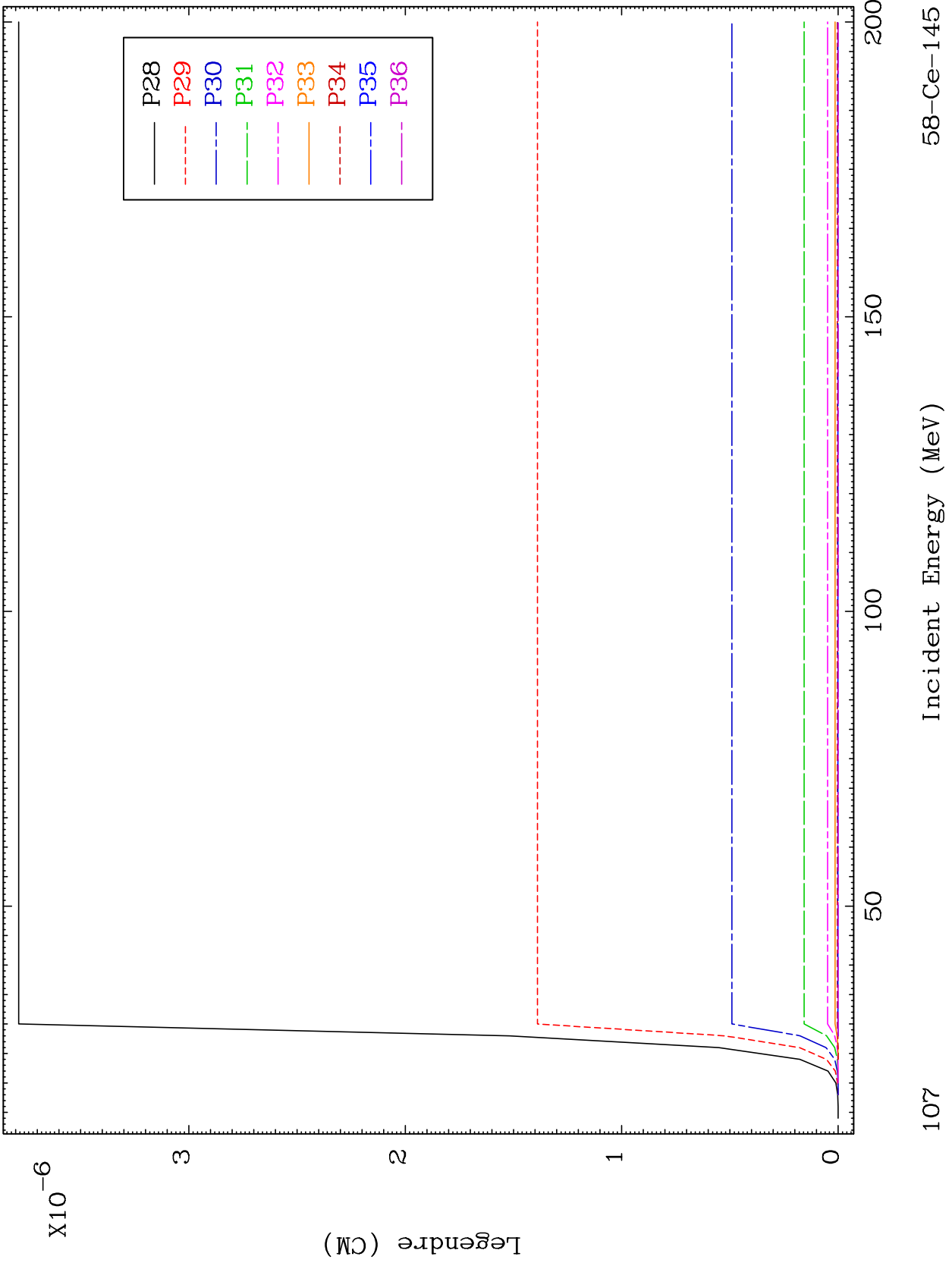
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



107

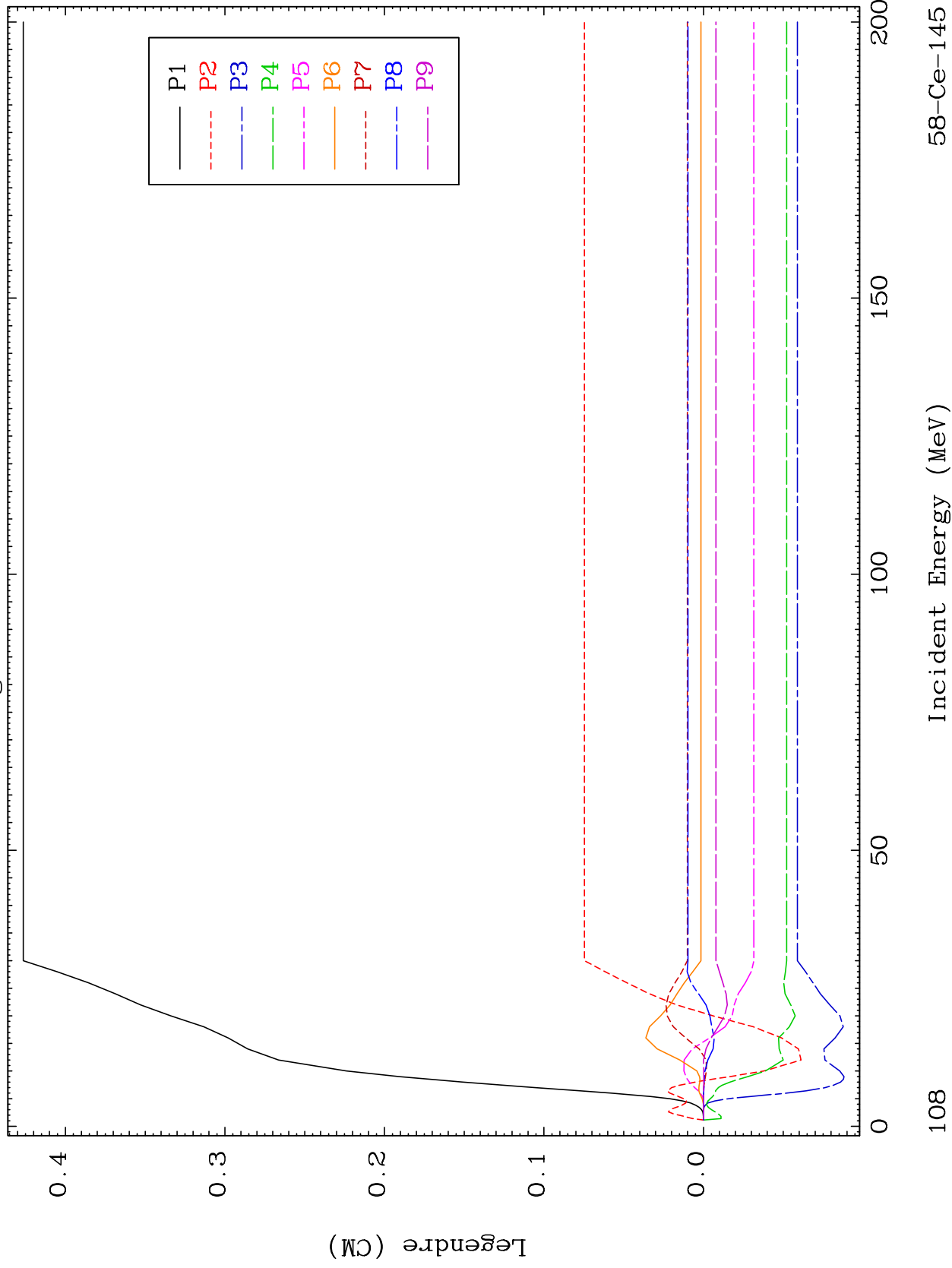
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



0

50

100

150

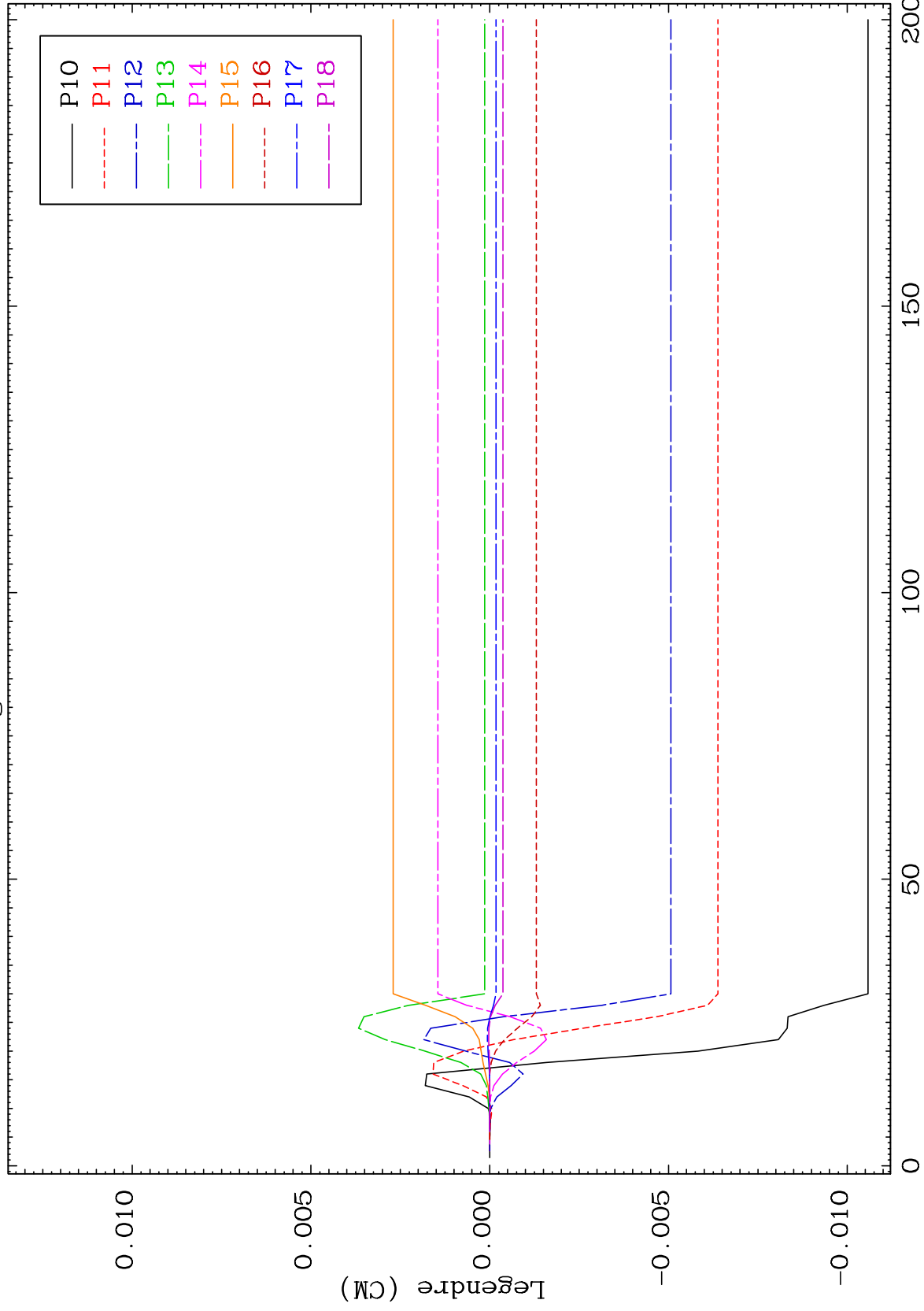
200

58-Ce-145

MAT 5852

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

58-Ce-145



109

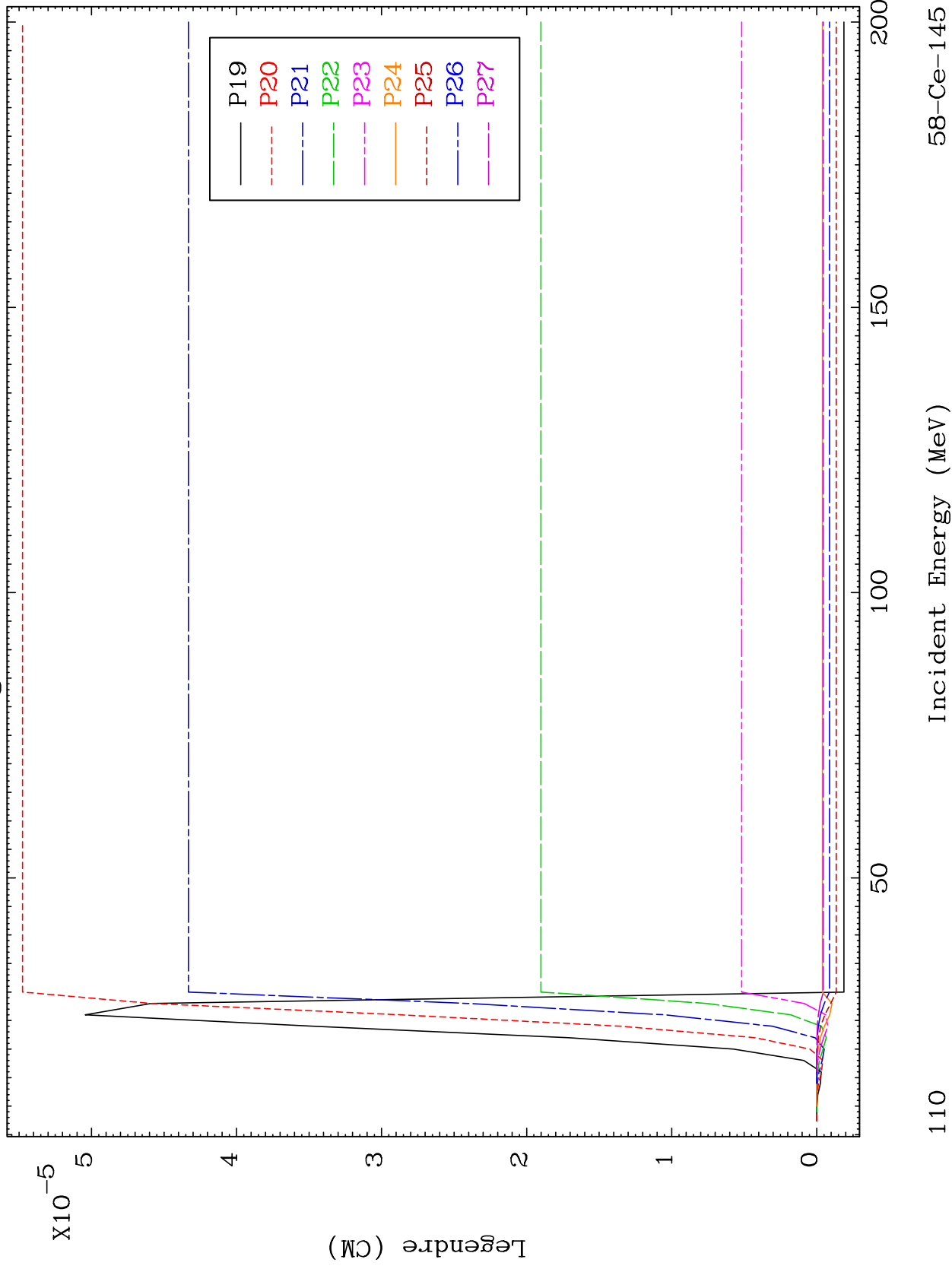
Incident Energy (MeV)

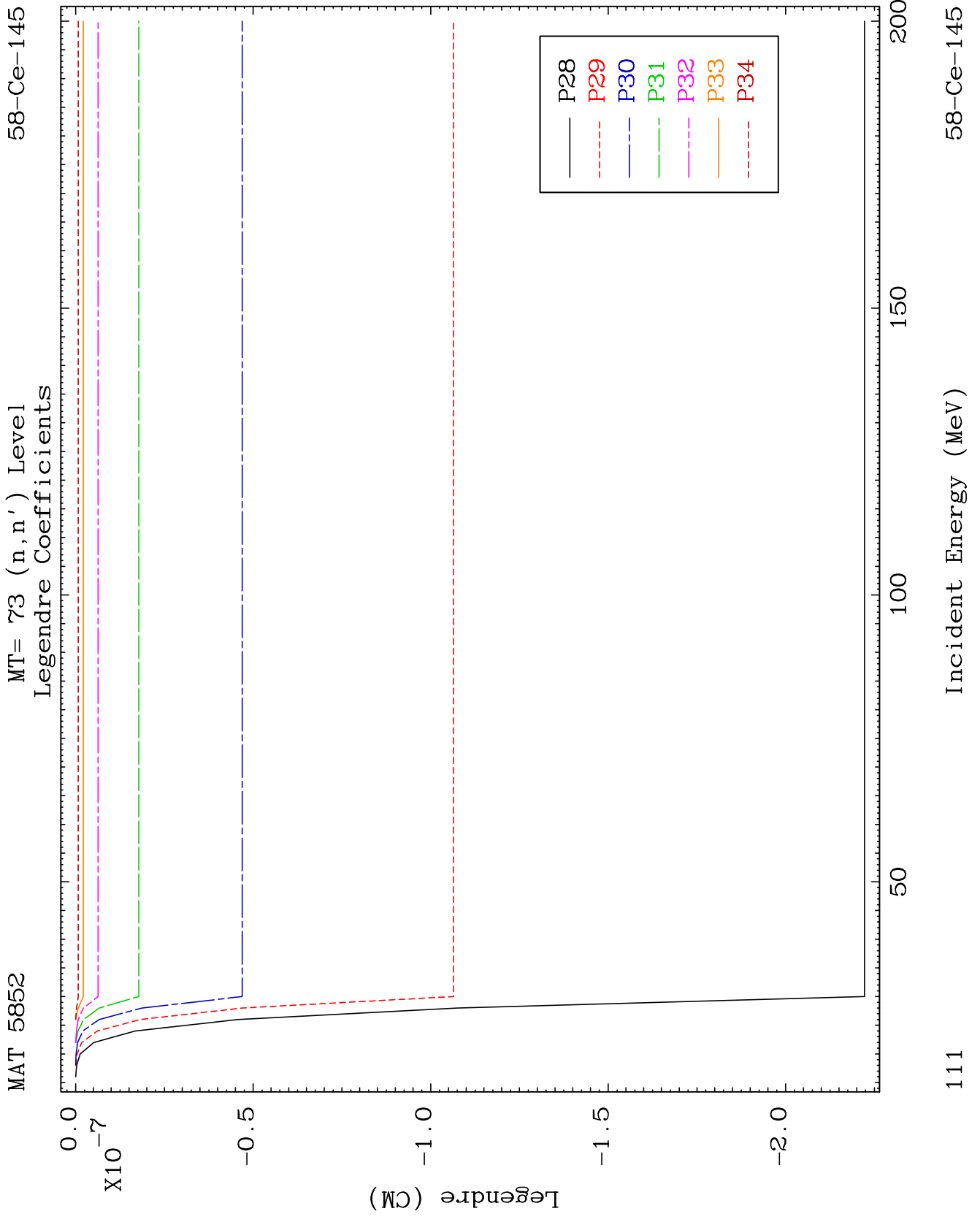
58-Ce-145

MAT 5852

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

58-Ce-145

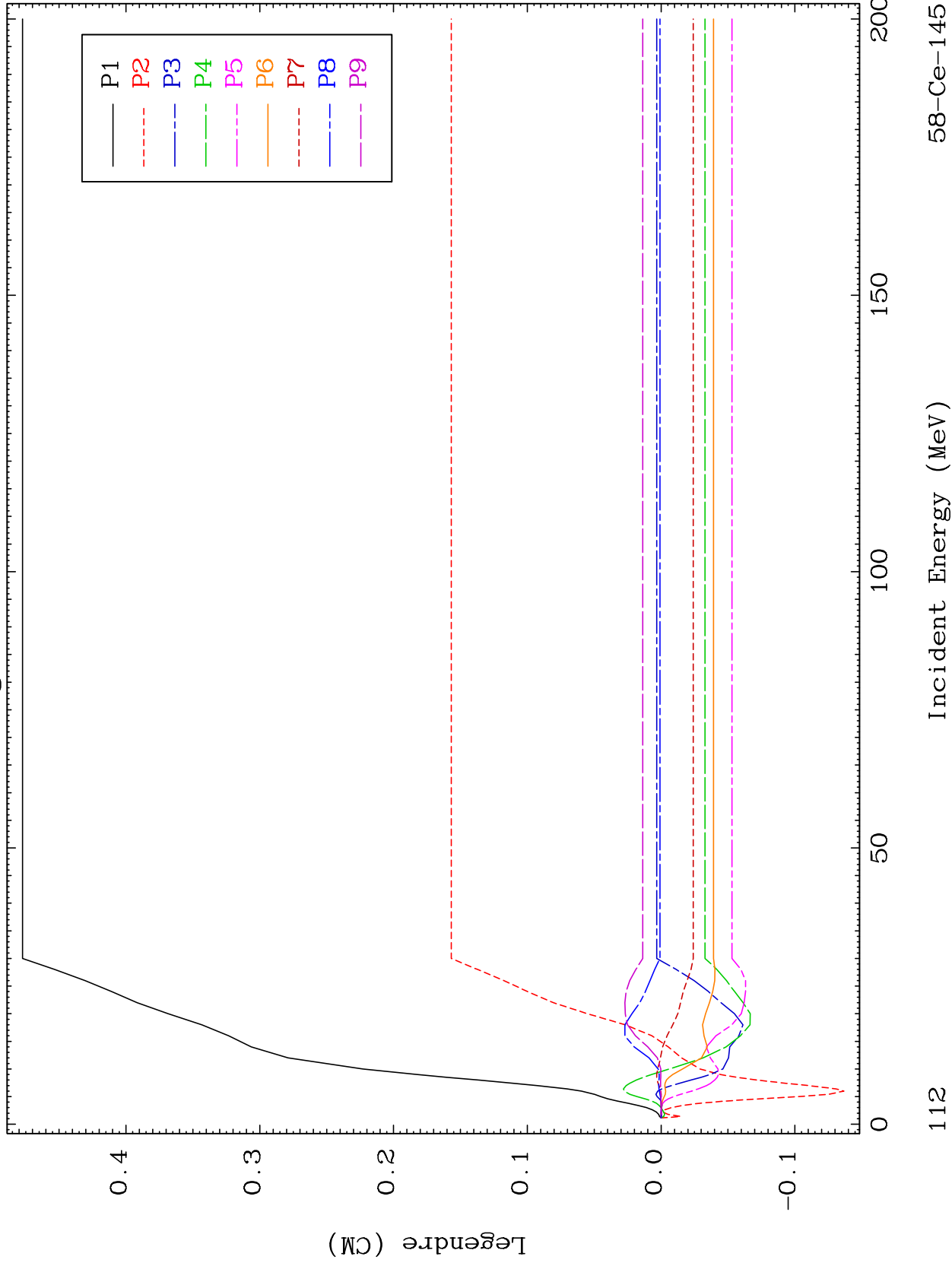




MAT 5852

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

58-Ce-145



58-Ce-145

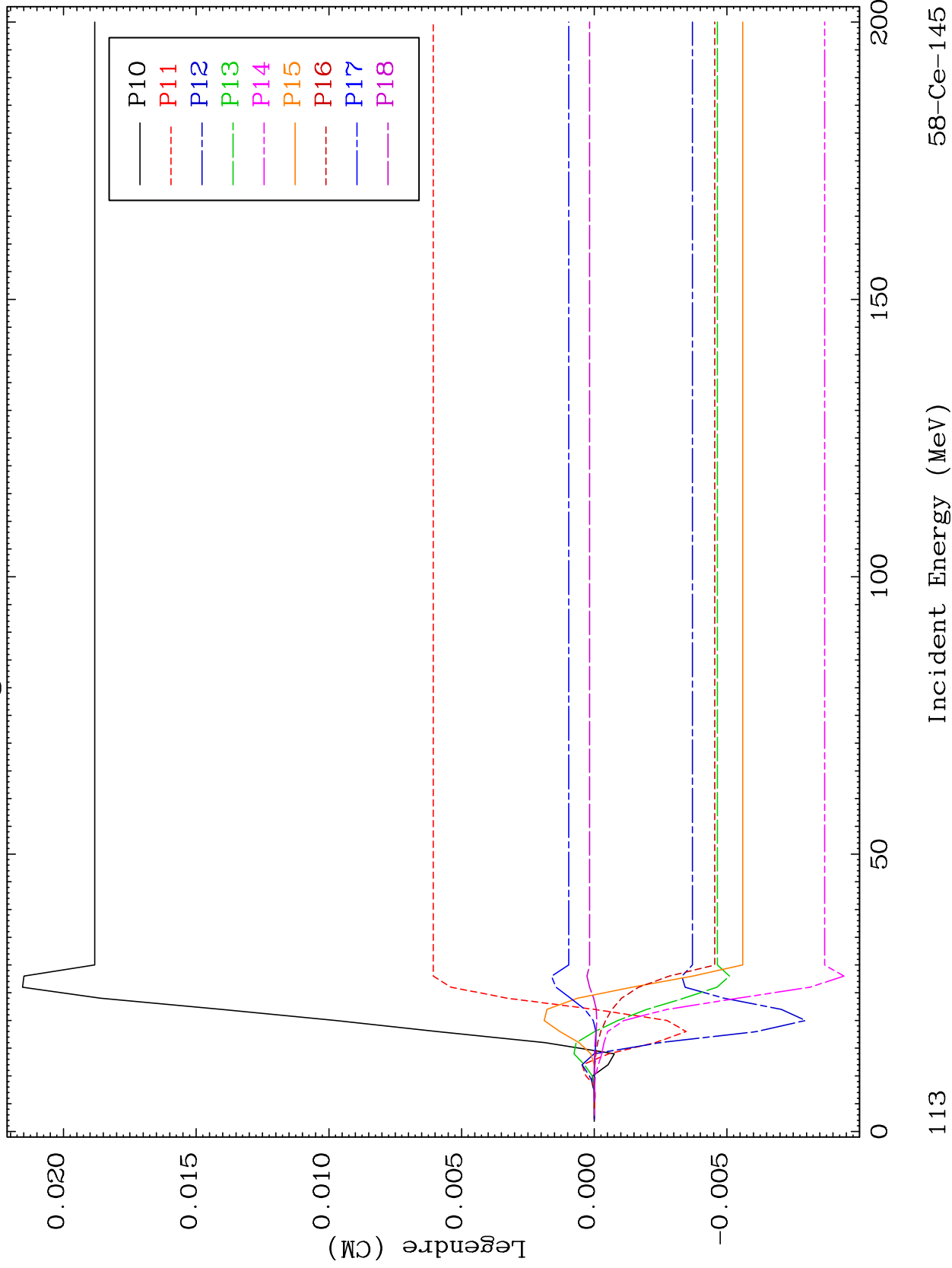
Incident Energy (MeV)

112

MAT 5852

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

58-Ce-145



113

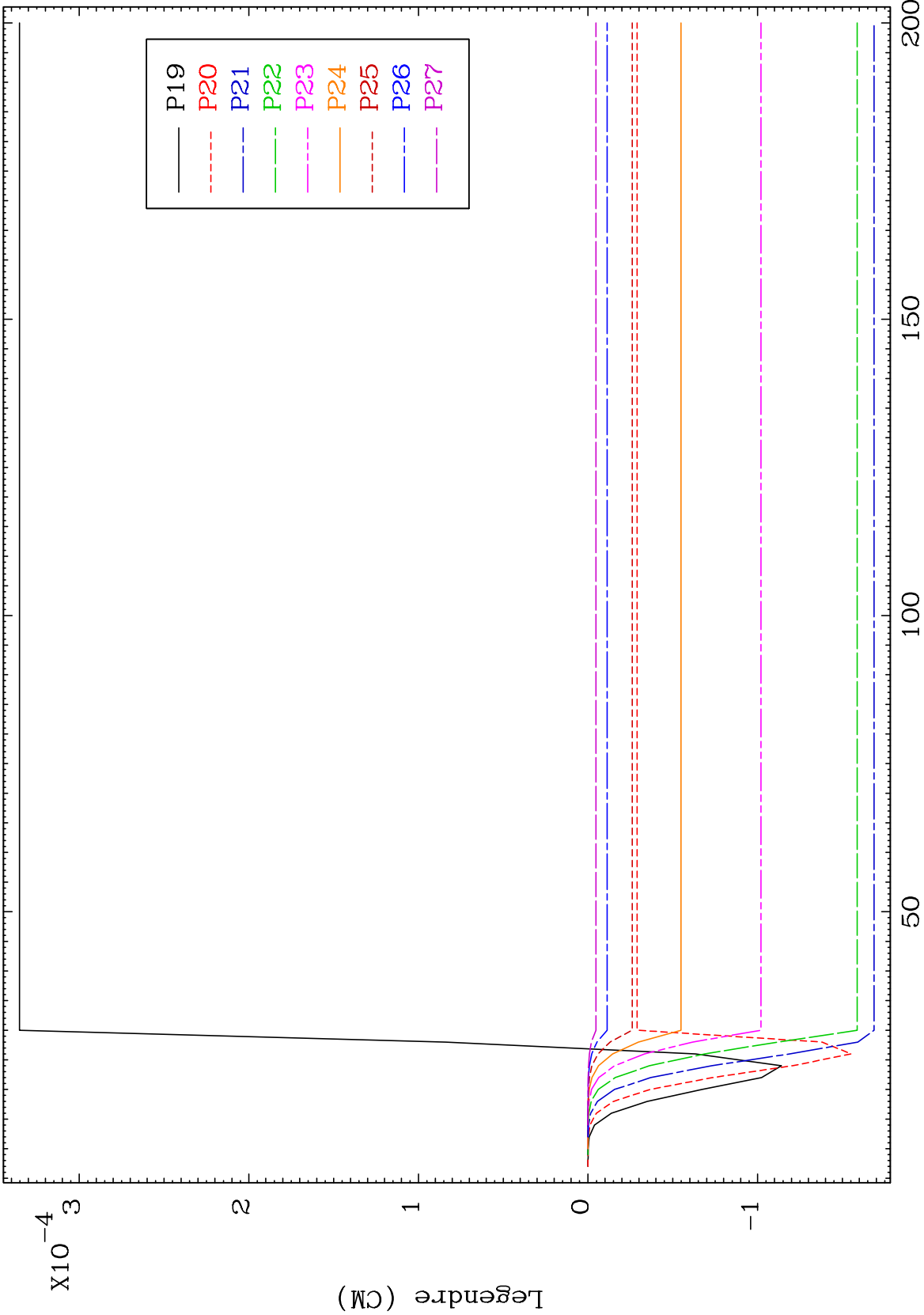
Incident Energy (MeV)

58-Ce-145

MAT 5852

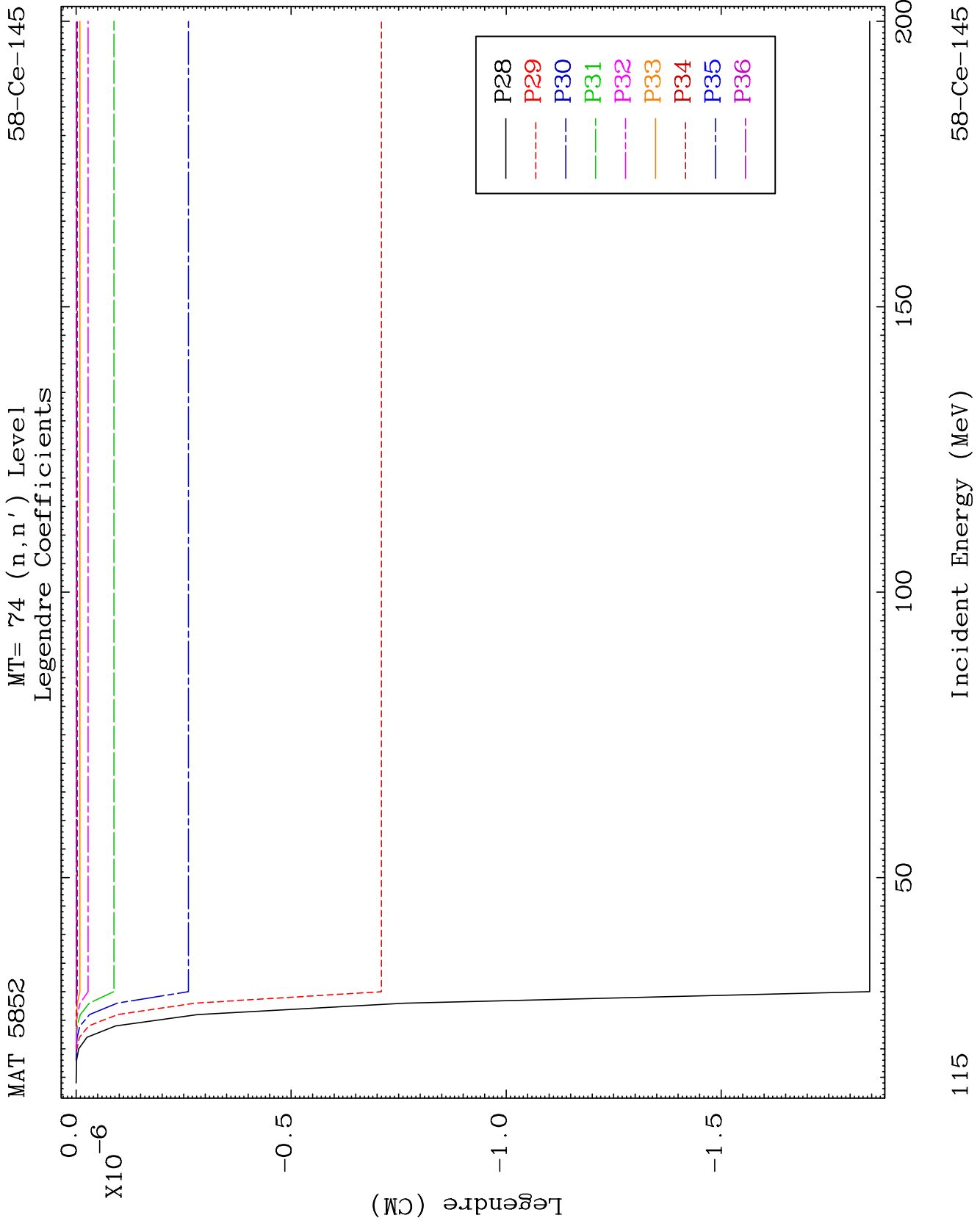
MT= 74 (n,n') Level
Legendre Coefficients

58-Ce-145



114

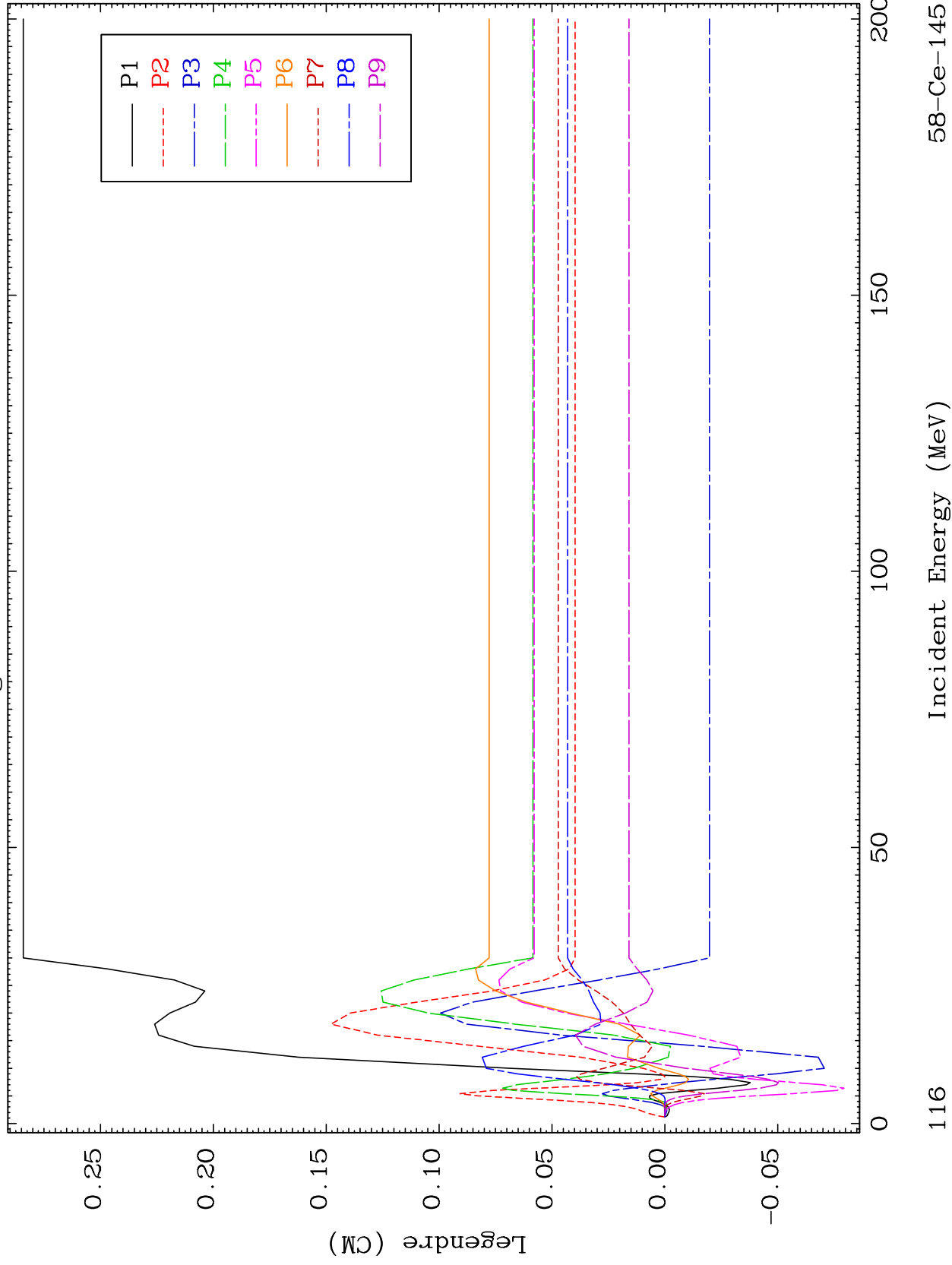
58-Ce-145



MAT 5852

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

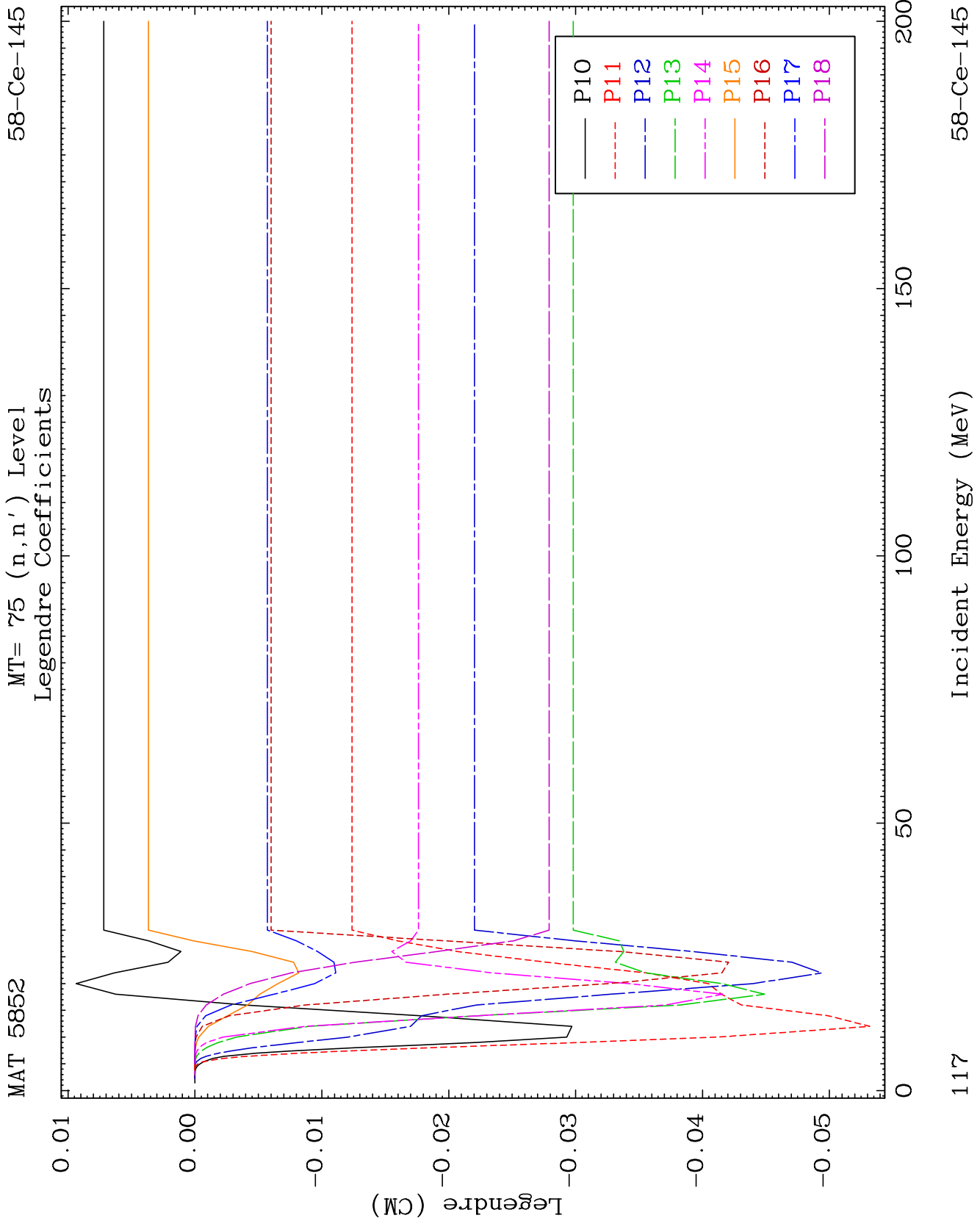
58-Ce-145

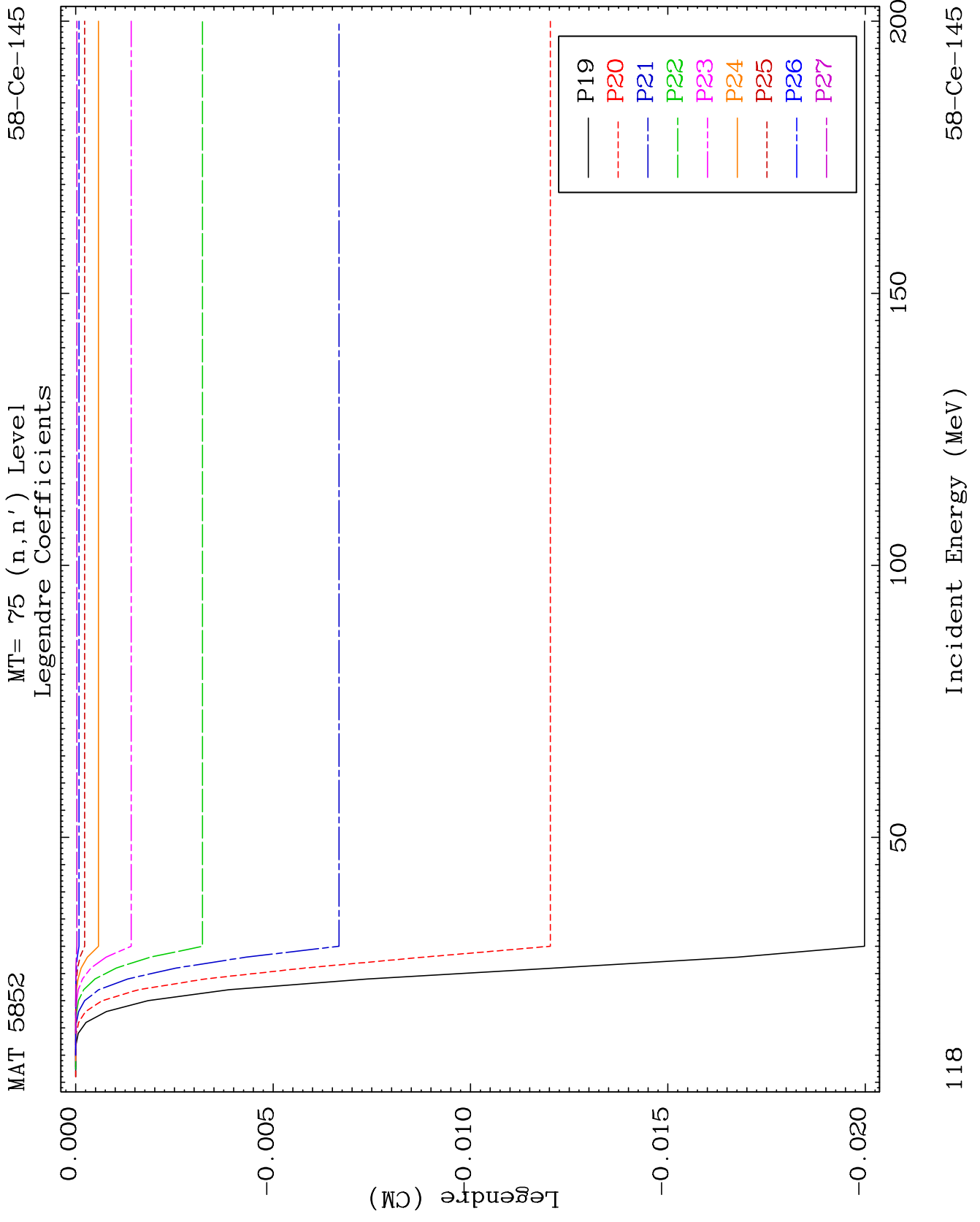


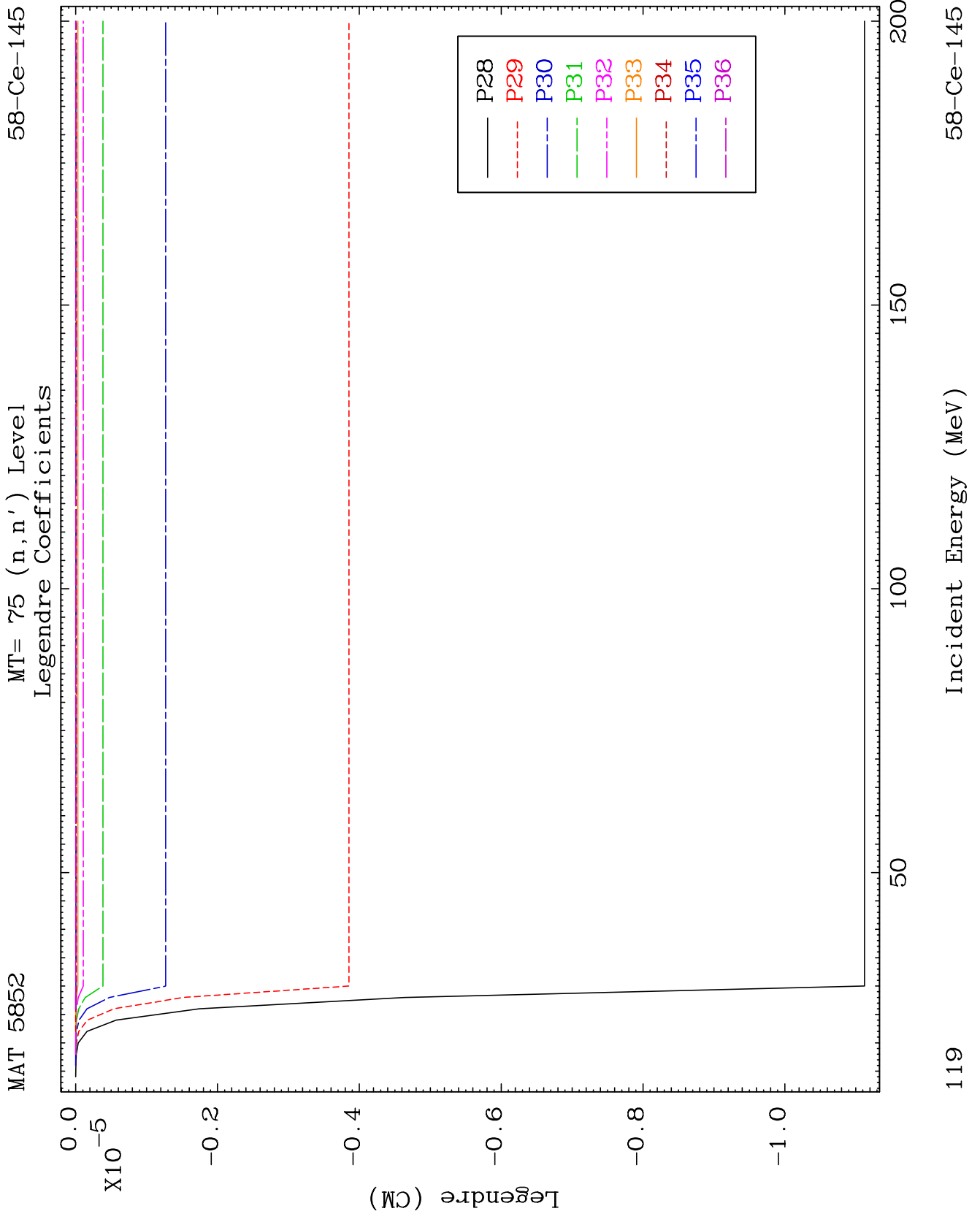
58-Ce-145

Incident Energy (MeV)

116



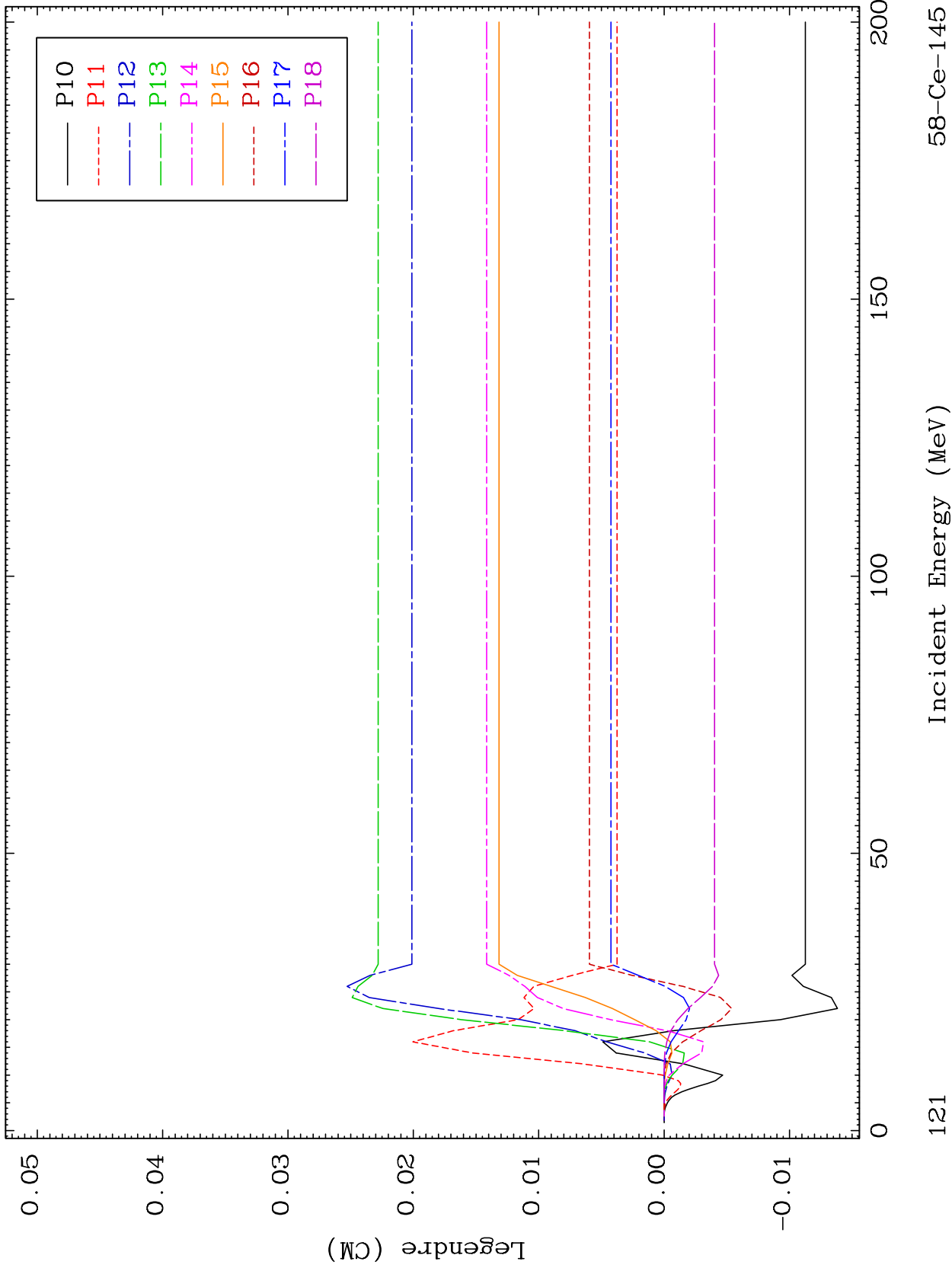




MAT 5852

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

58-Ce-145



58-Ce-145

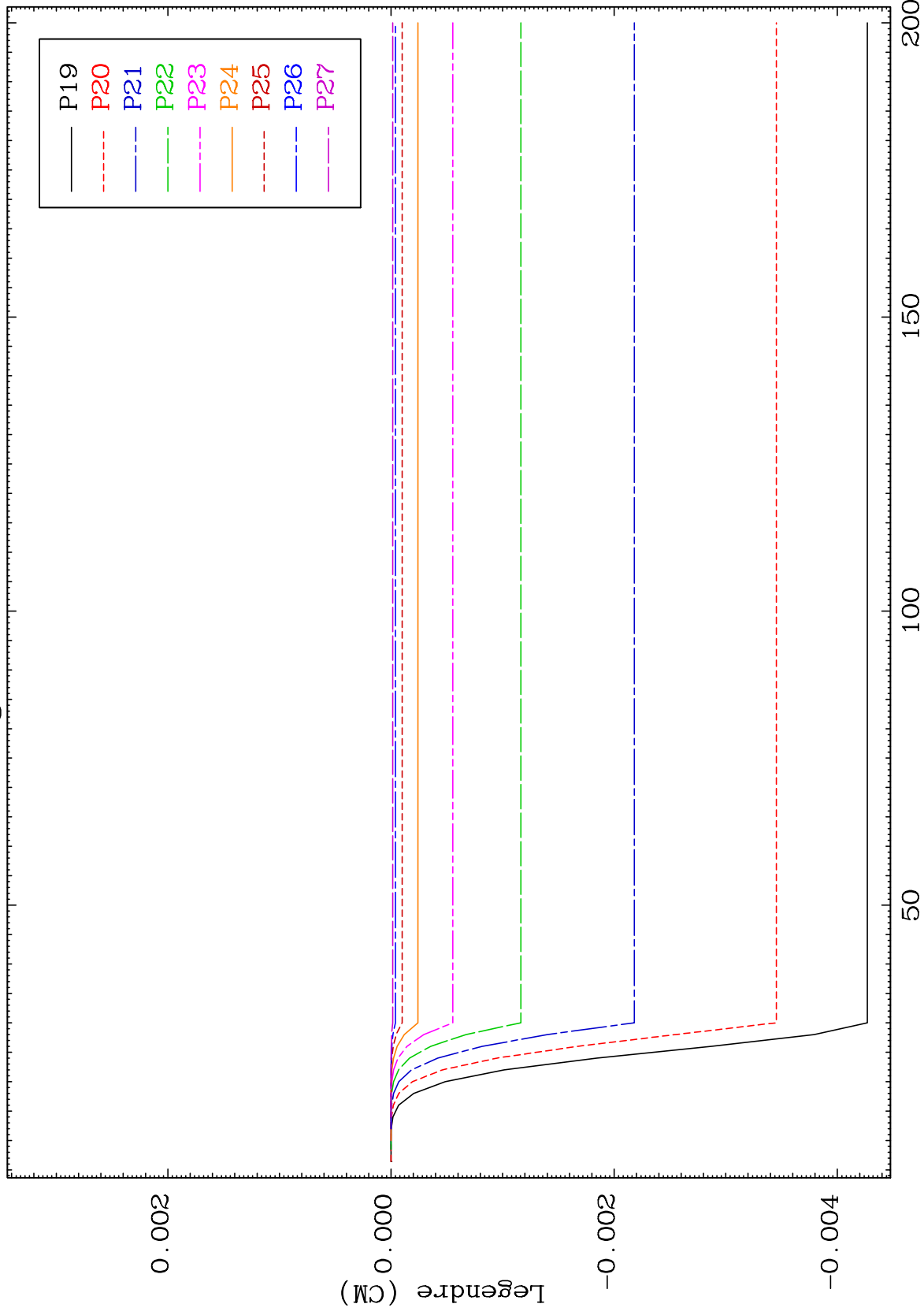
Incident Energy (MeV)

121

MAT 5852

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

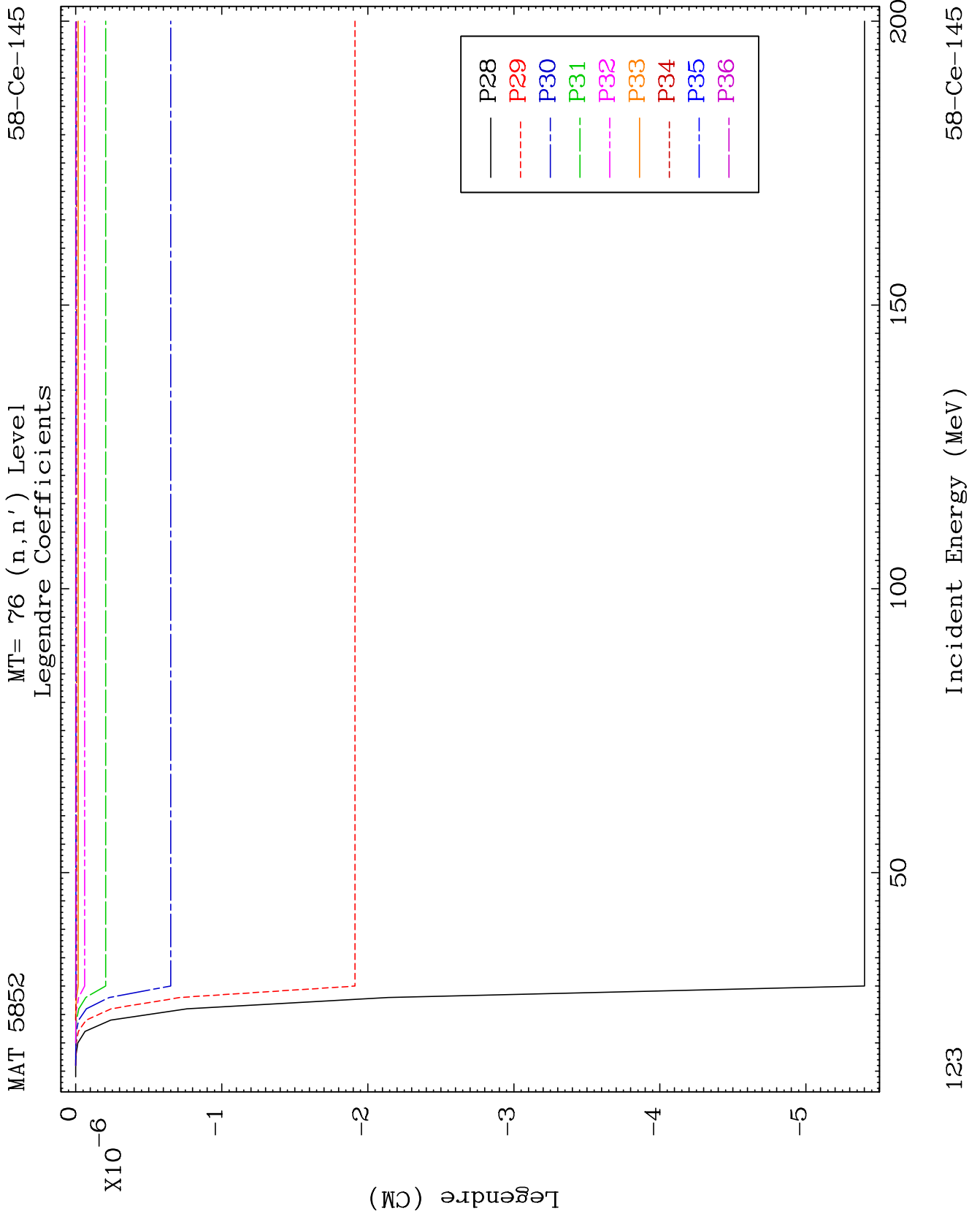
58-Ce-145



122

Incident Energy (MeV)

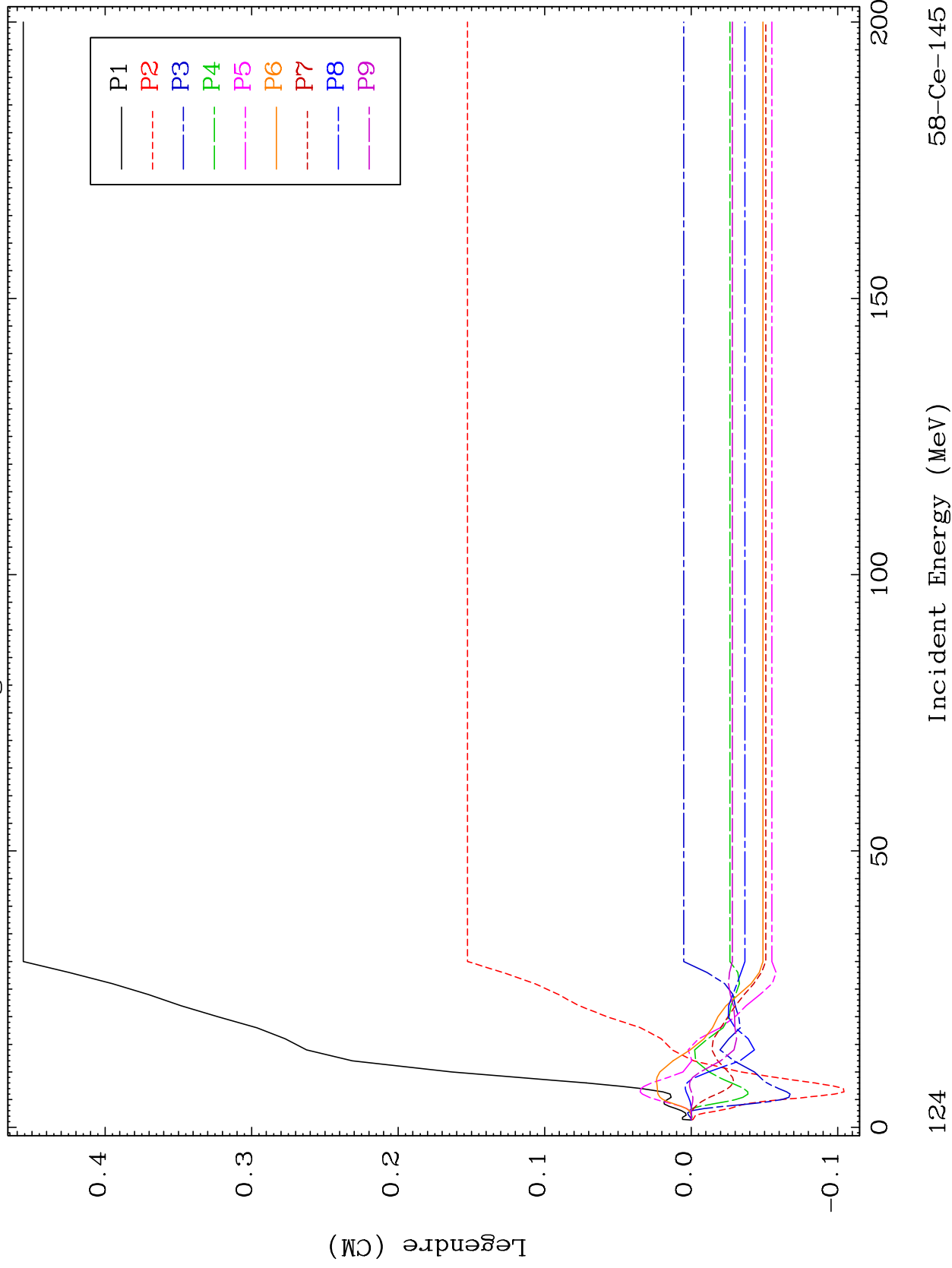
58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

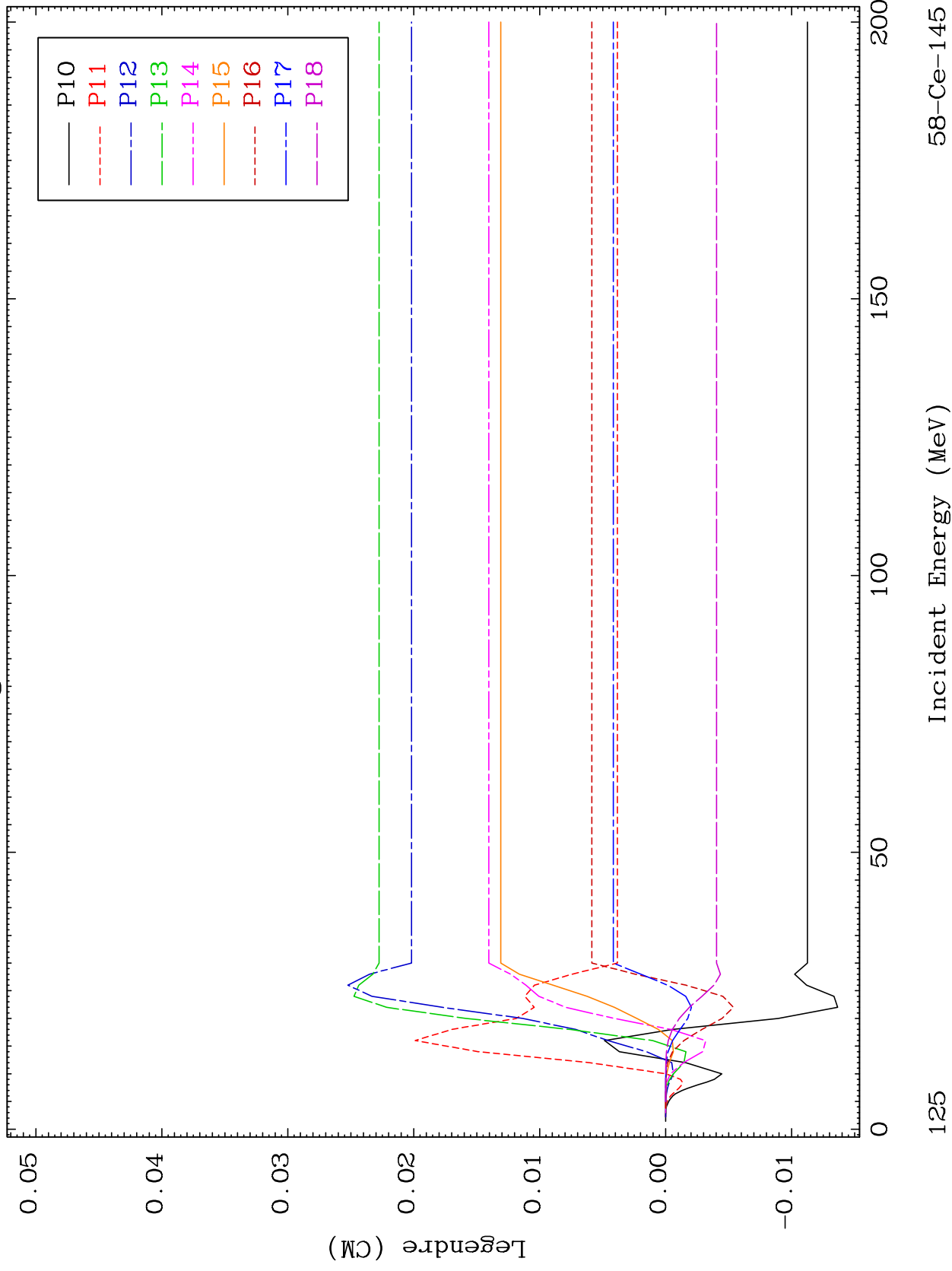
Incident Energy (MeV)

124

MAT 5852

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

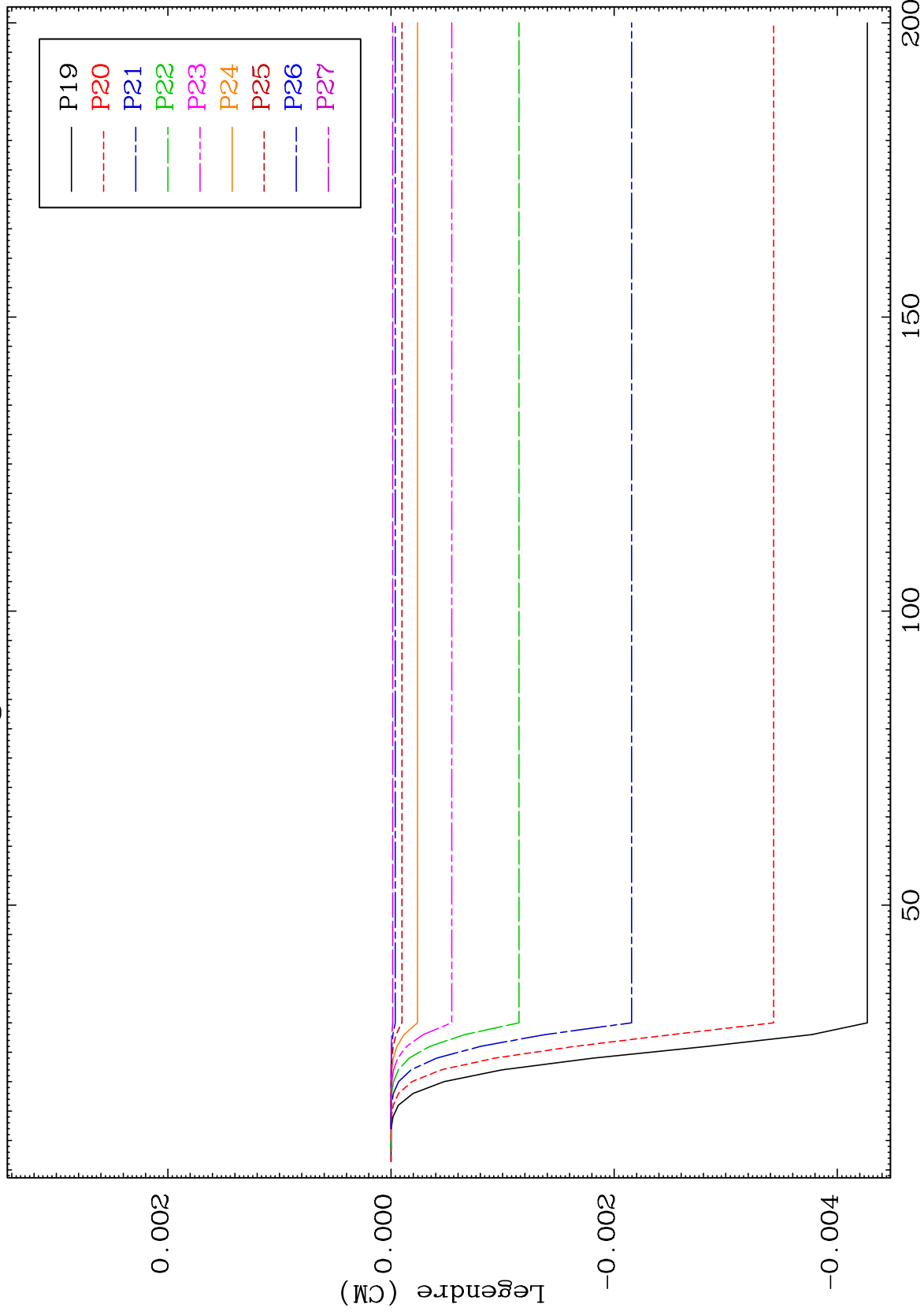
58-Ce-145



MAT 5852

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

58-Ce-145



126

Incident Energy (MeV)

58-Ce-145

