

Program EVALPLOT
(Version 2017-1)

by

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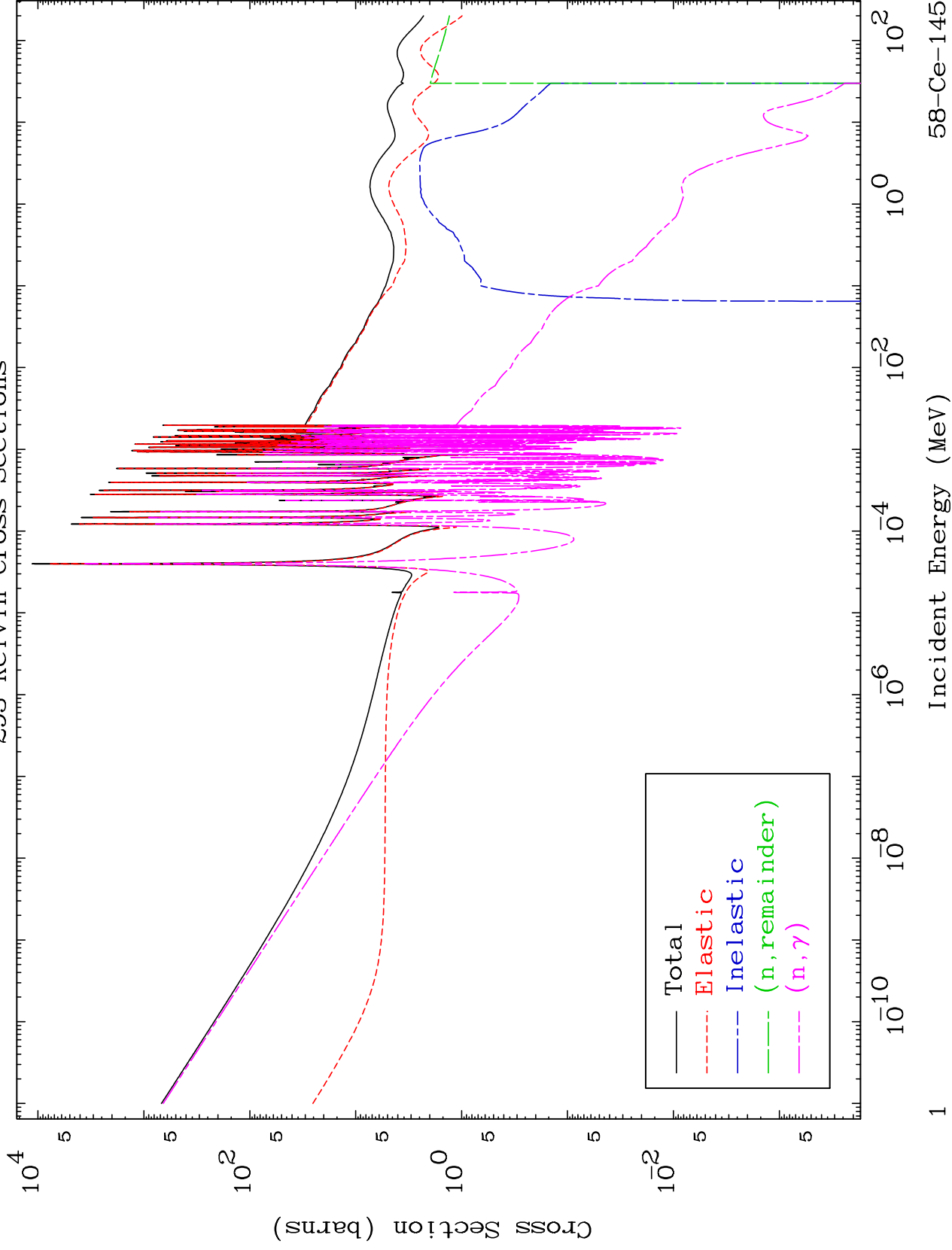
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5852

Major
293 Kelvin Cross Sections

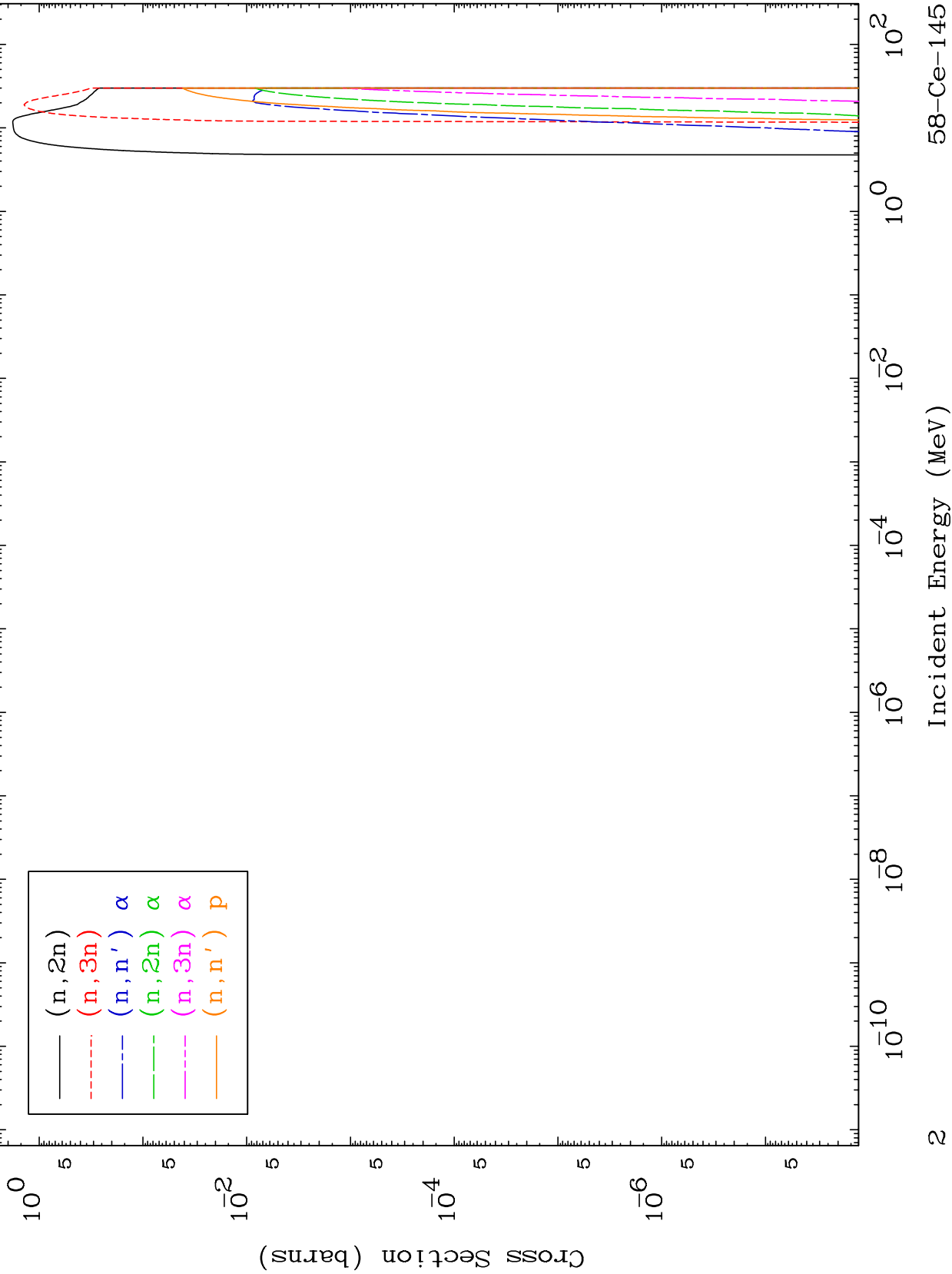
58-Ce-145

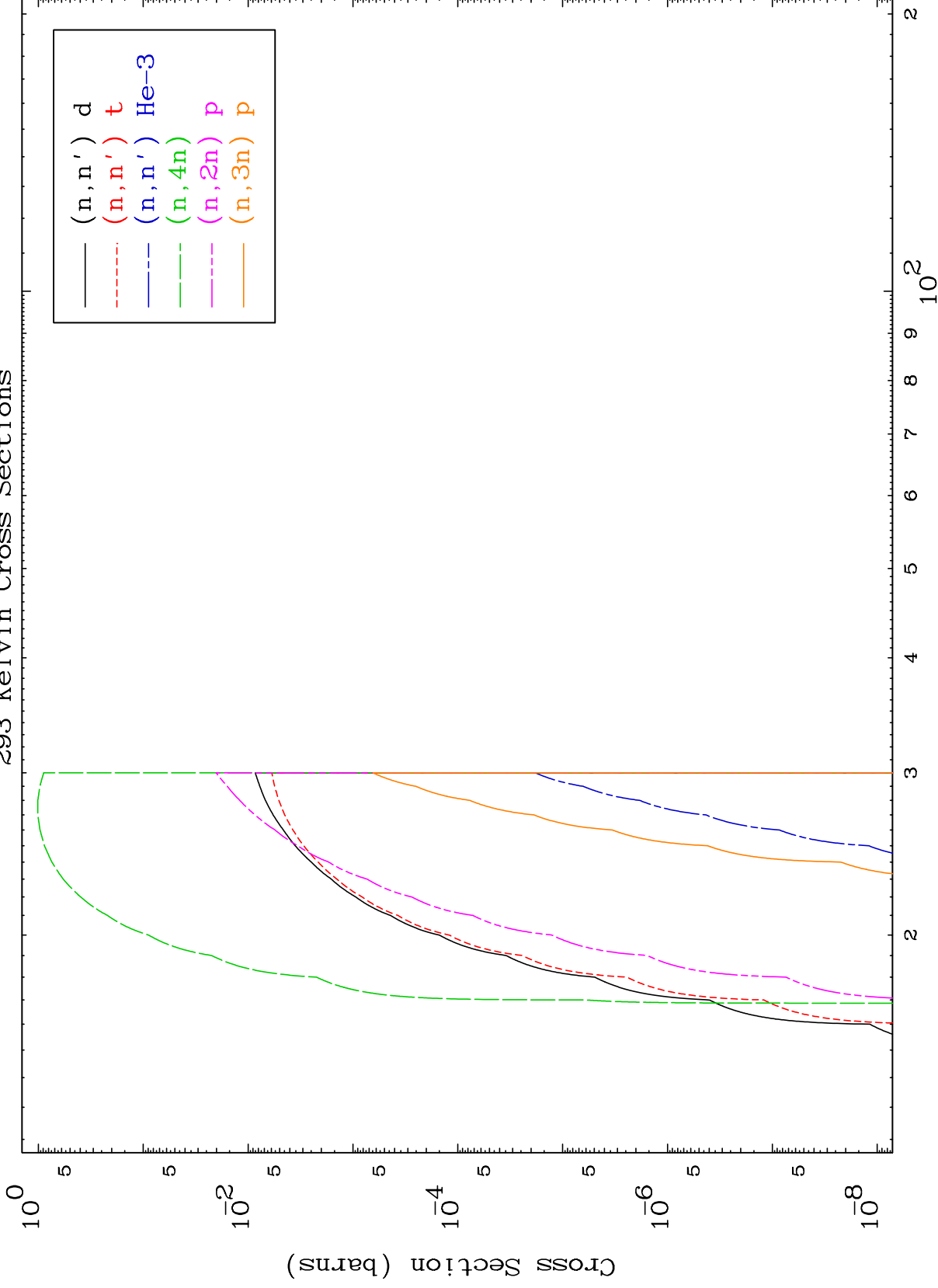


MAT 5852

Neutron Production
293 Kelvin Cross Sections

58-Ce-145

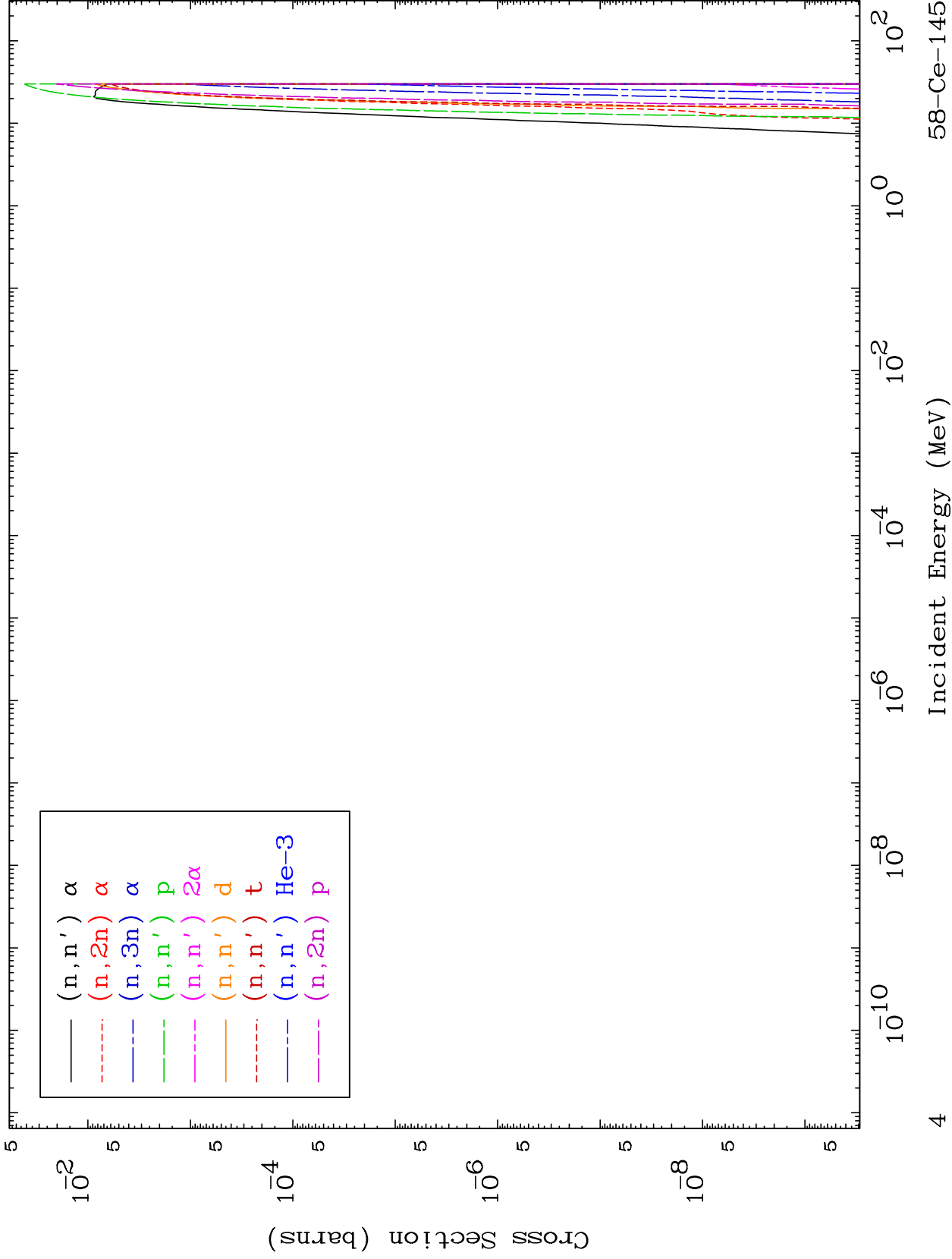




MAT 5852

Charged Particle
293 Kelvin Cross Sections

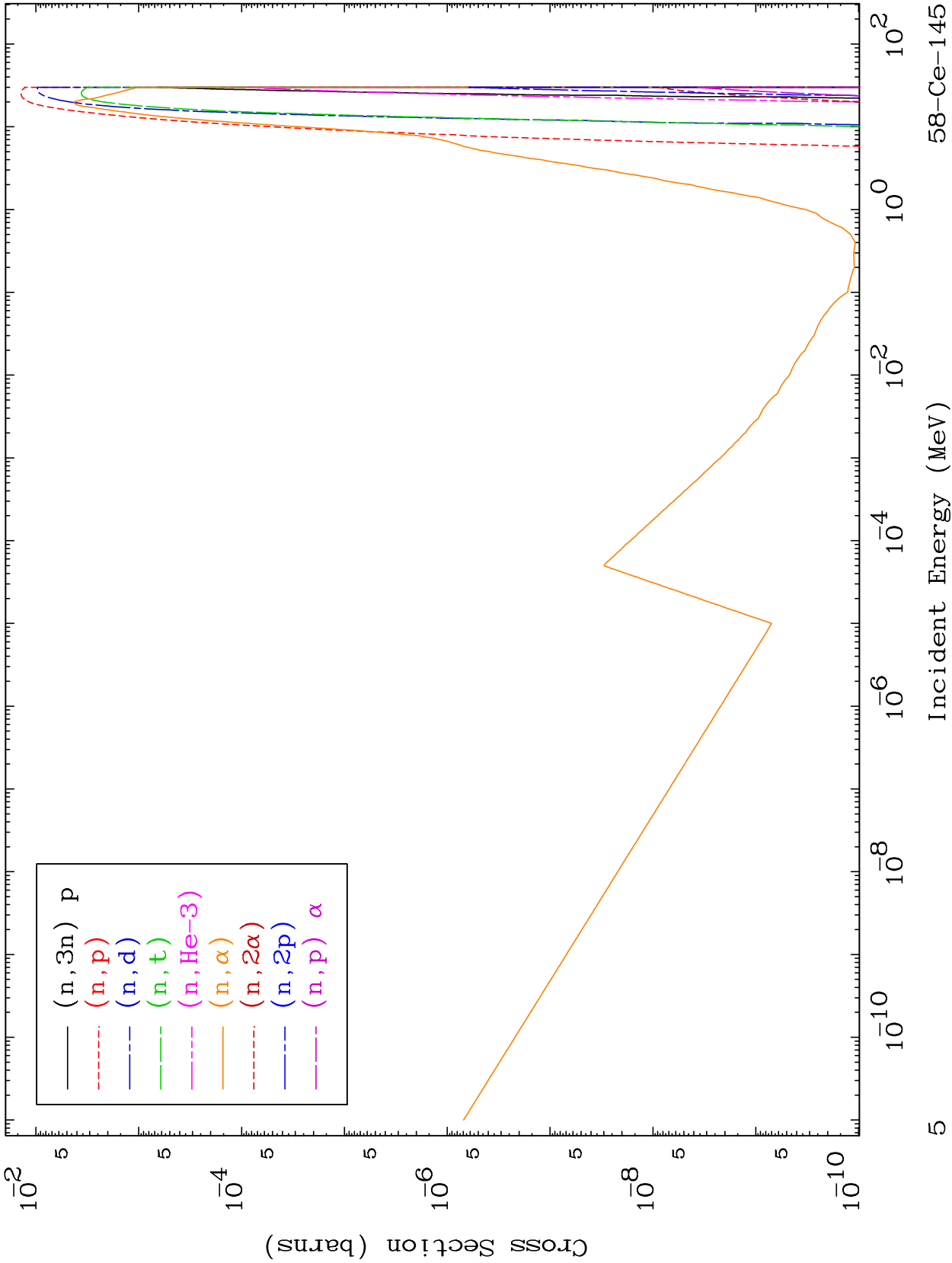
58-Ce-145



MAT 5852

Charged Particle
293 Kelvin Cross Sections

58-Ce-145



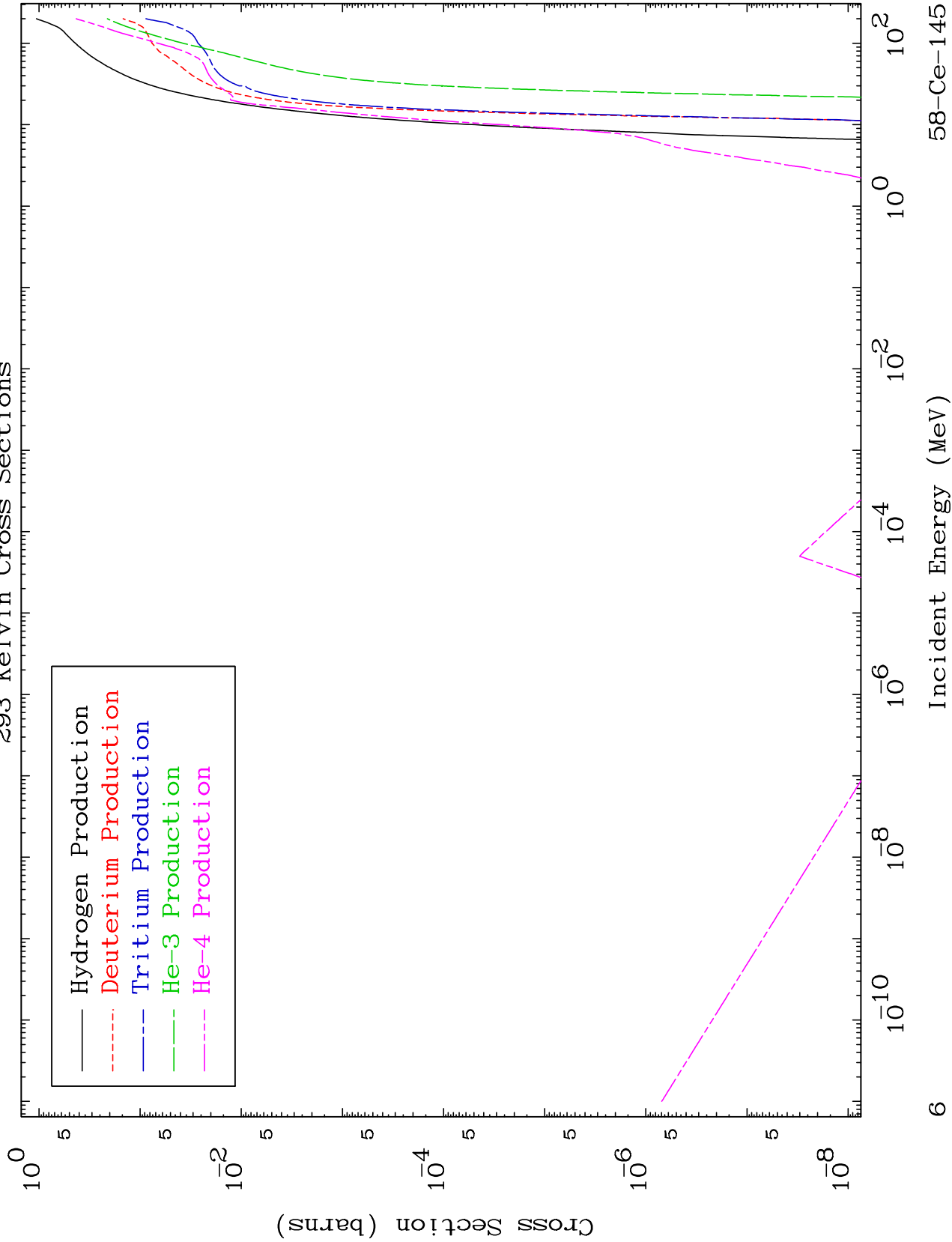
5

58-Ce-145

MAT 5852

Particle Production
293 Kelvin Cross Sections

58-Ce-145

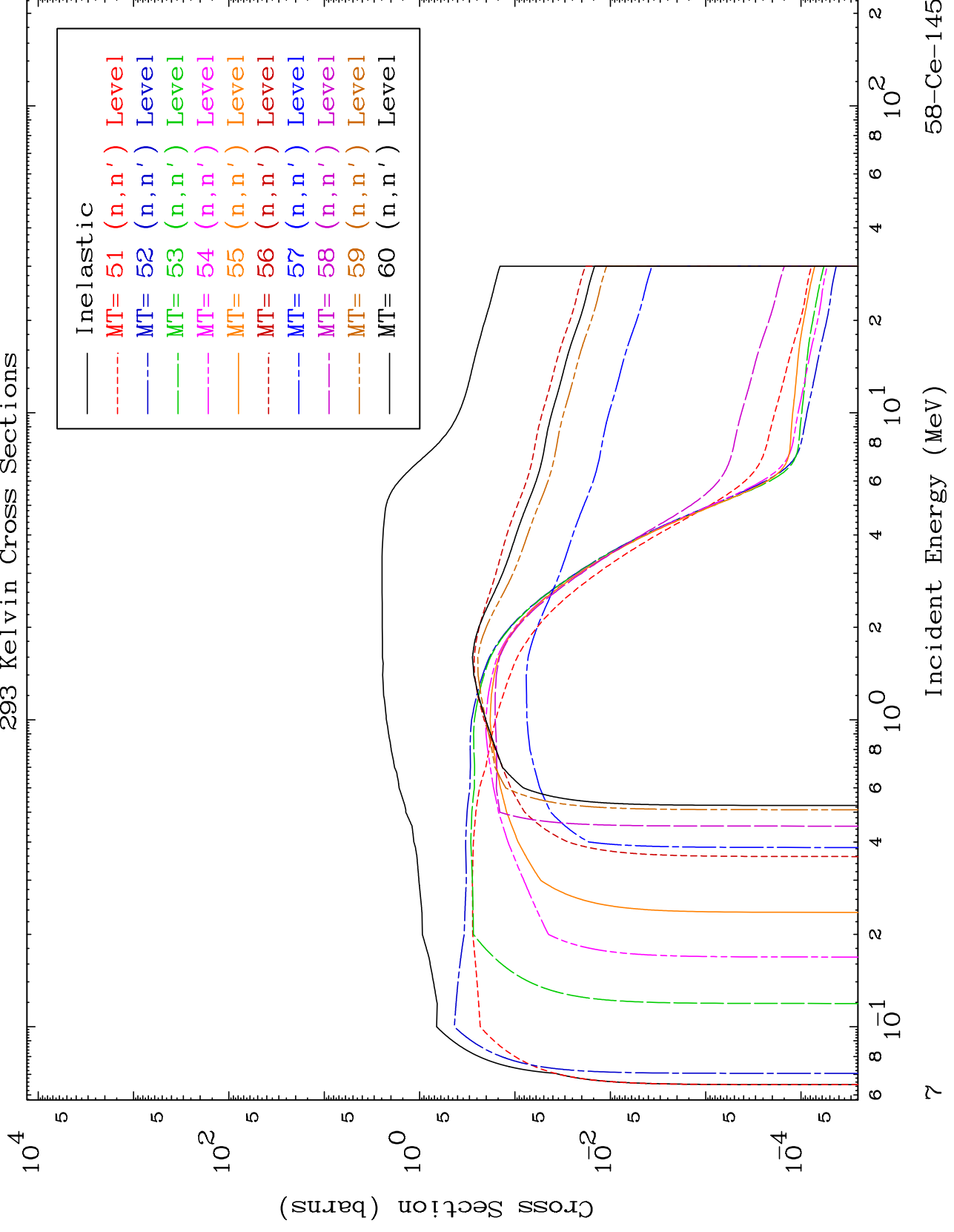


MAT 5852

(n,n') Level

58-Ce-145

293 Kelvin Cross Sections

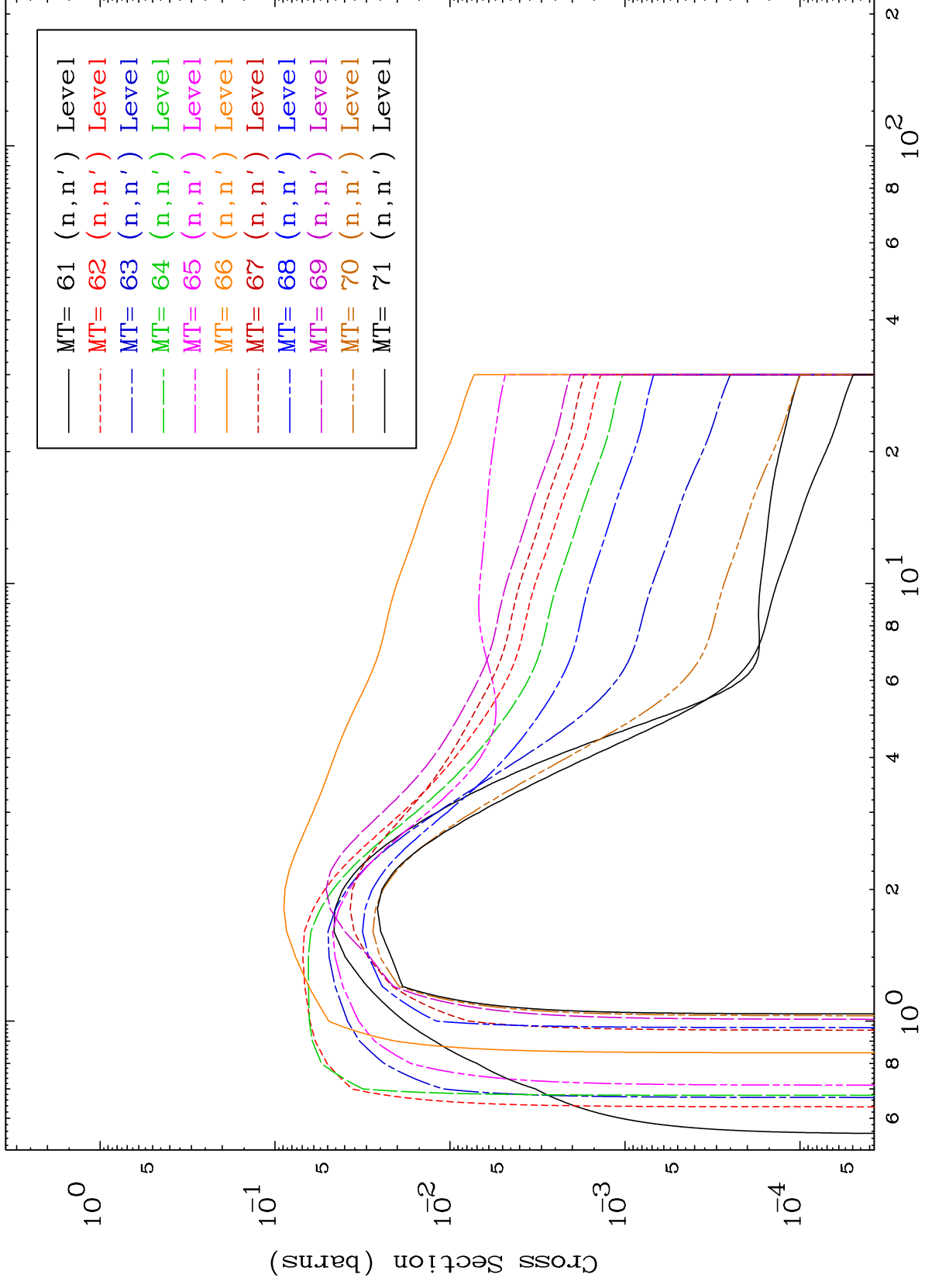


MAT 5852

(n,n') Level

58-Ce-145

293 Kelvin Cross Sections



8

Incident Energy (MeV)

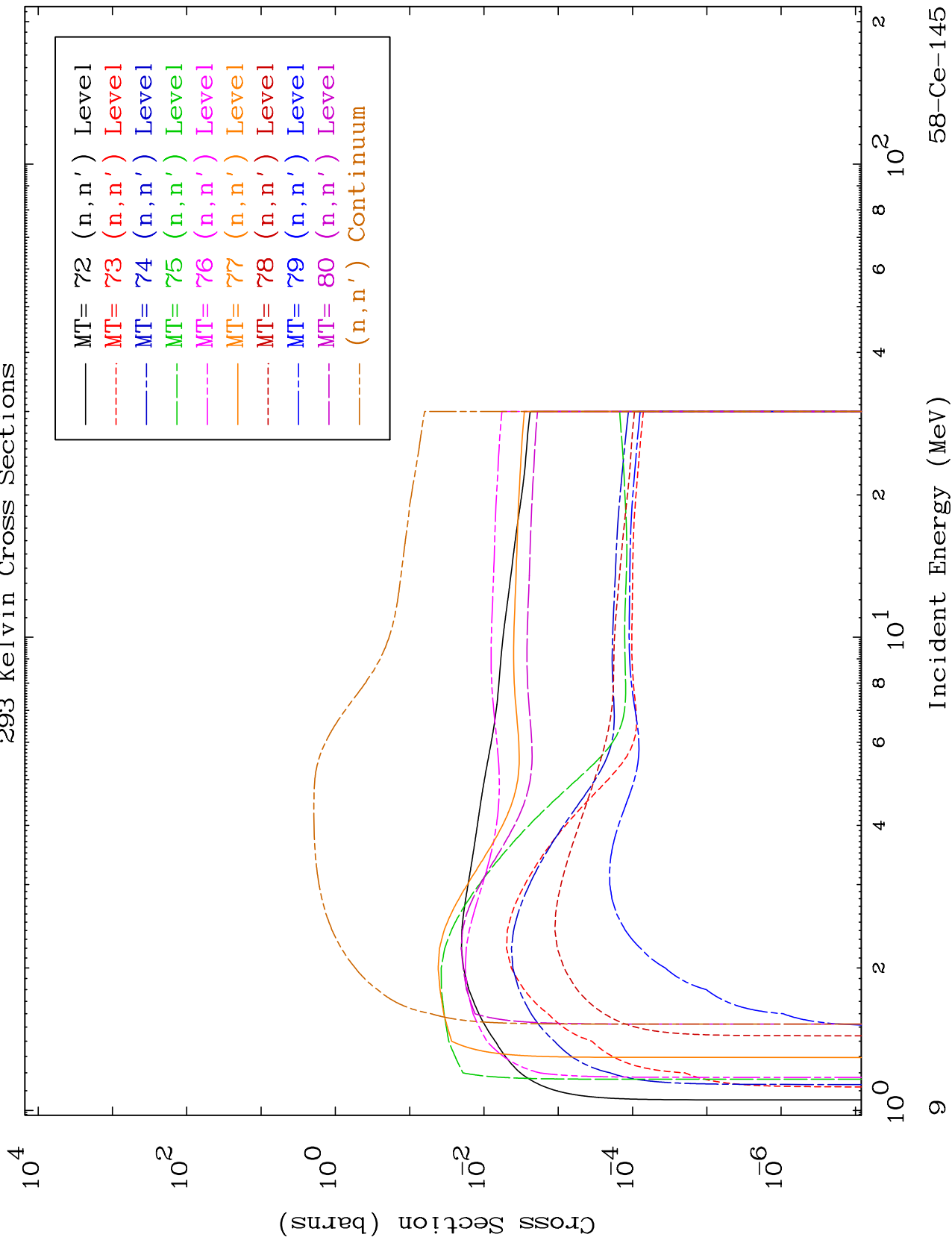
58-Ce-145

MAT 5852

(n,n') Level

58-Ce-145

293 Kelvin Cross Sections



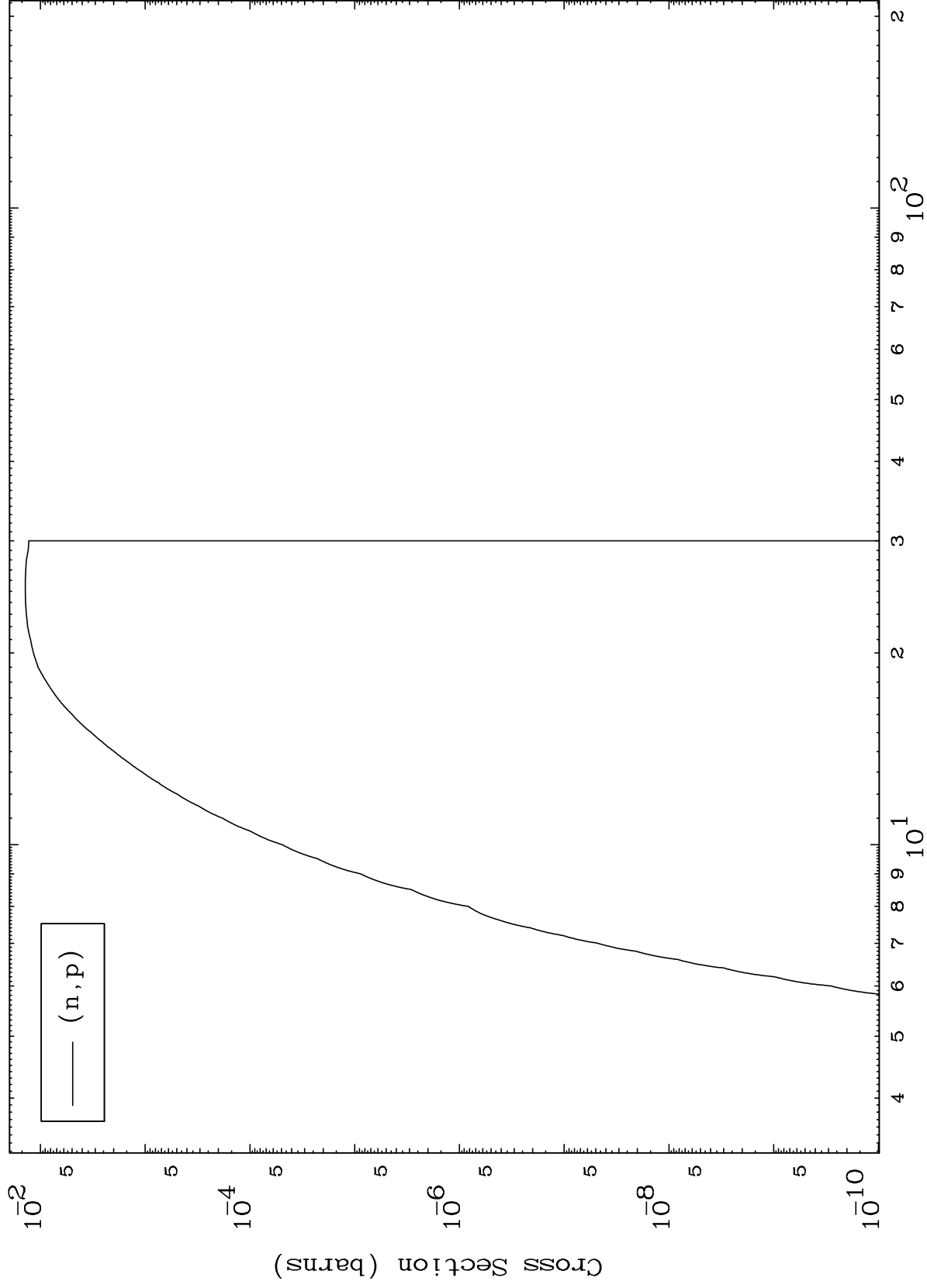
Incident Energy (MeV)

58-Ce-145

MAT 5852

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-145



10

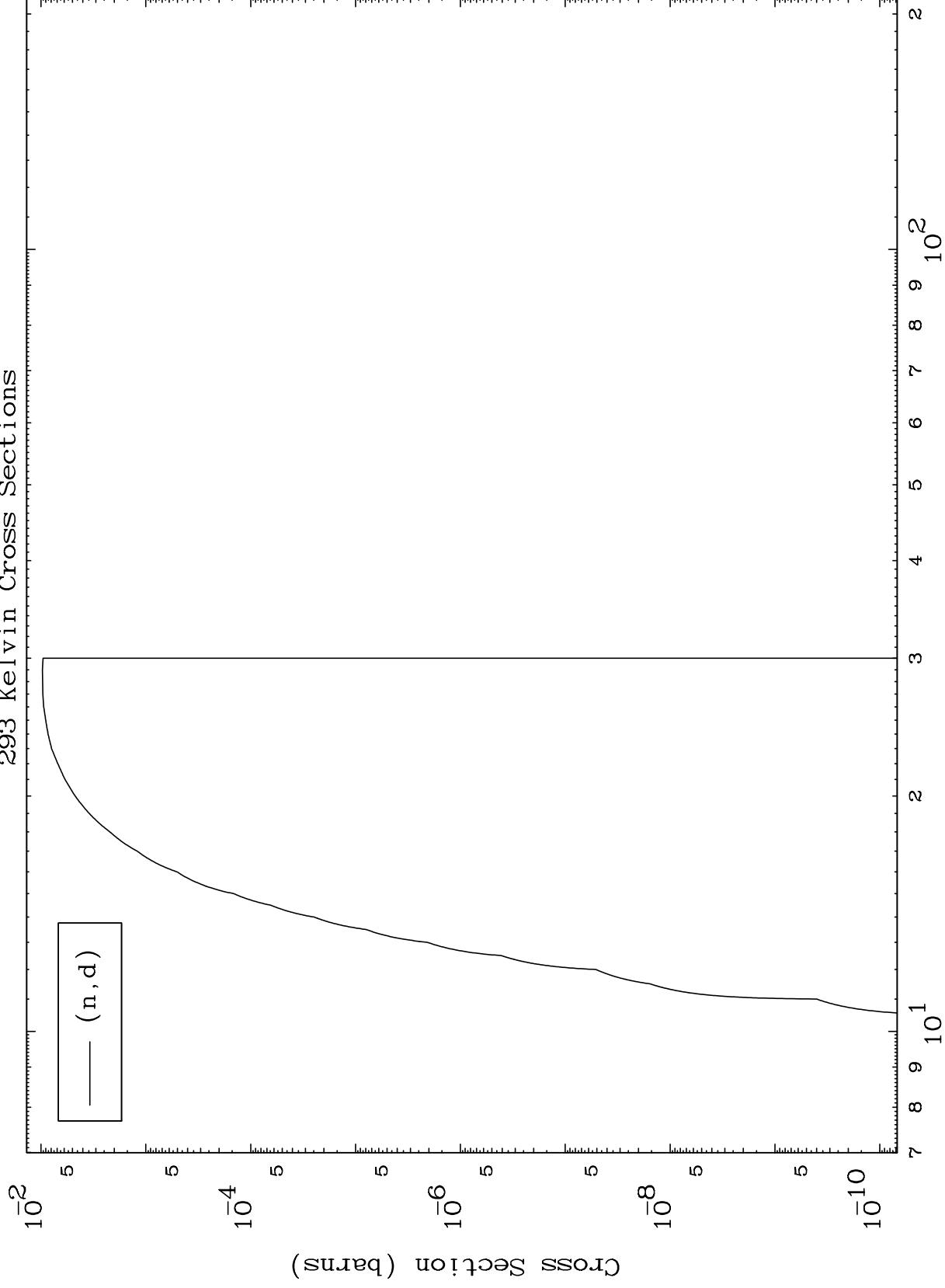
Incident Energy (MeV)

58-Ce-145

MAT 5852

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-145



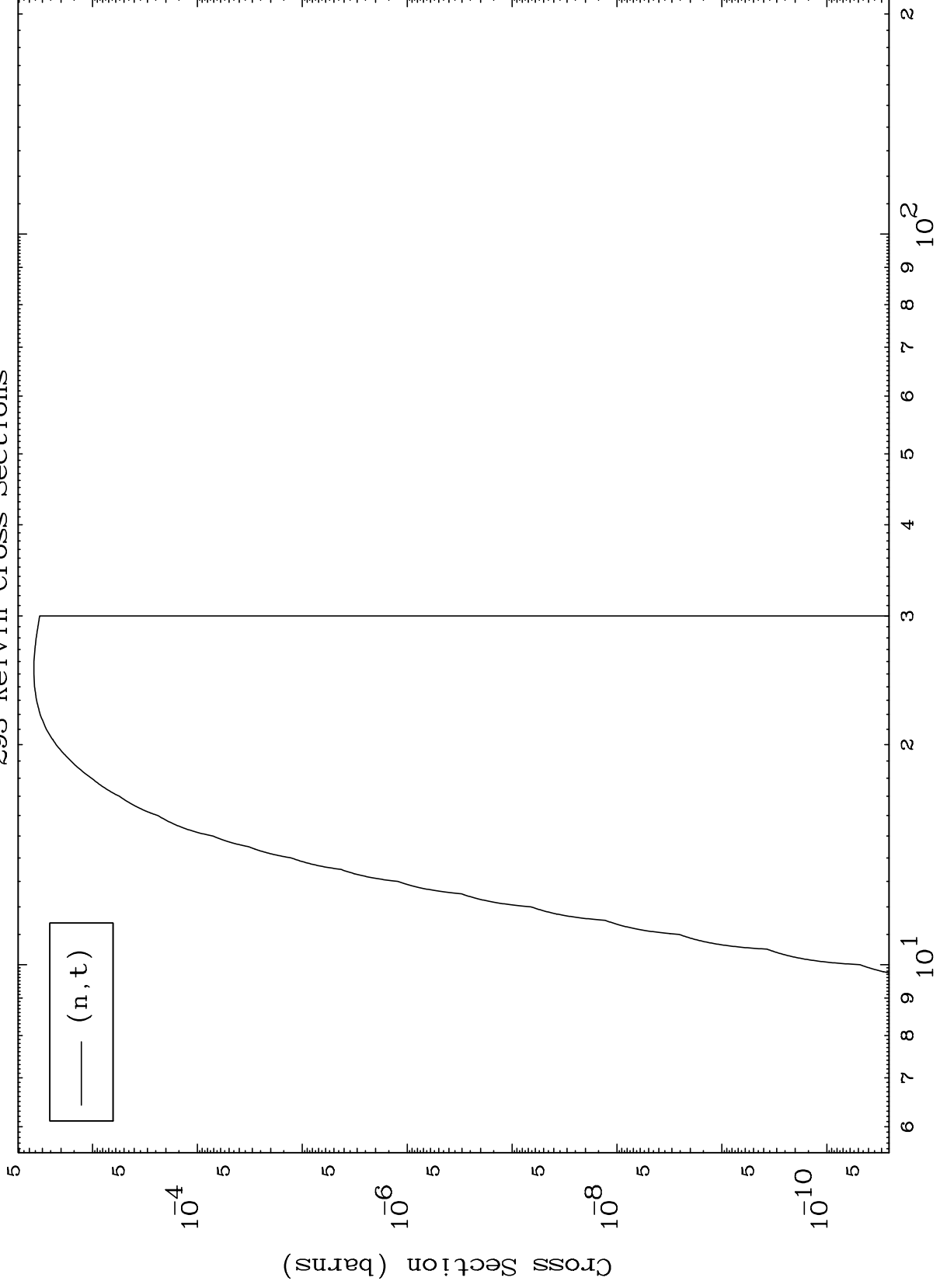
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58-Ce-145

MAT 5852

(n, t) Levels
293 Kelvin Cross Sections

58-Ce-145



12

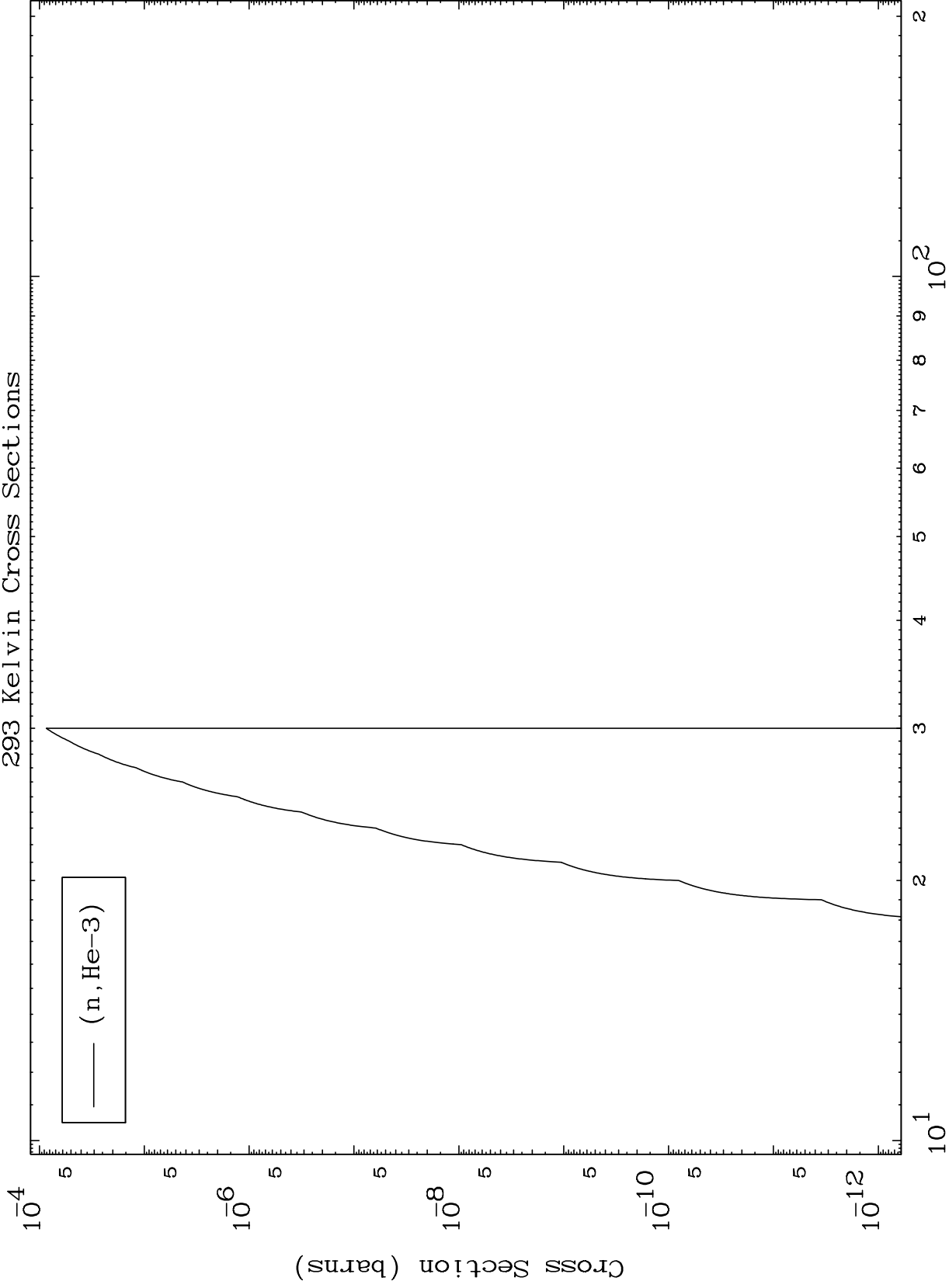
Incident Energy (MeV)

58-Ce-145

MAT 5852

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-145



Incident Energy (MeV)

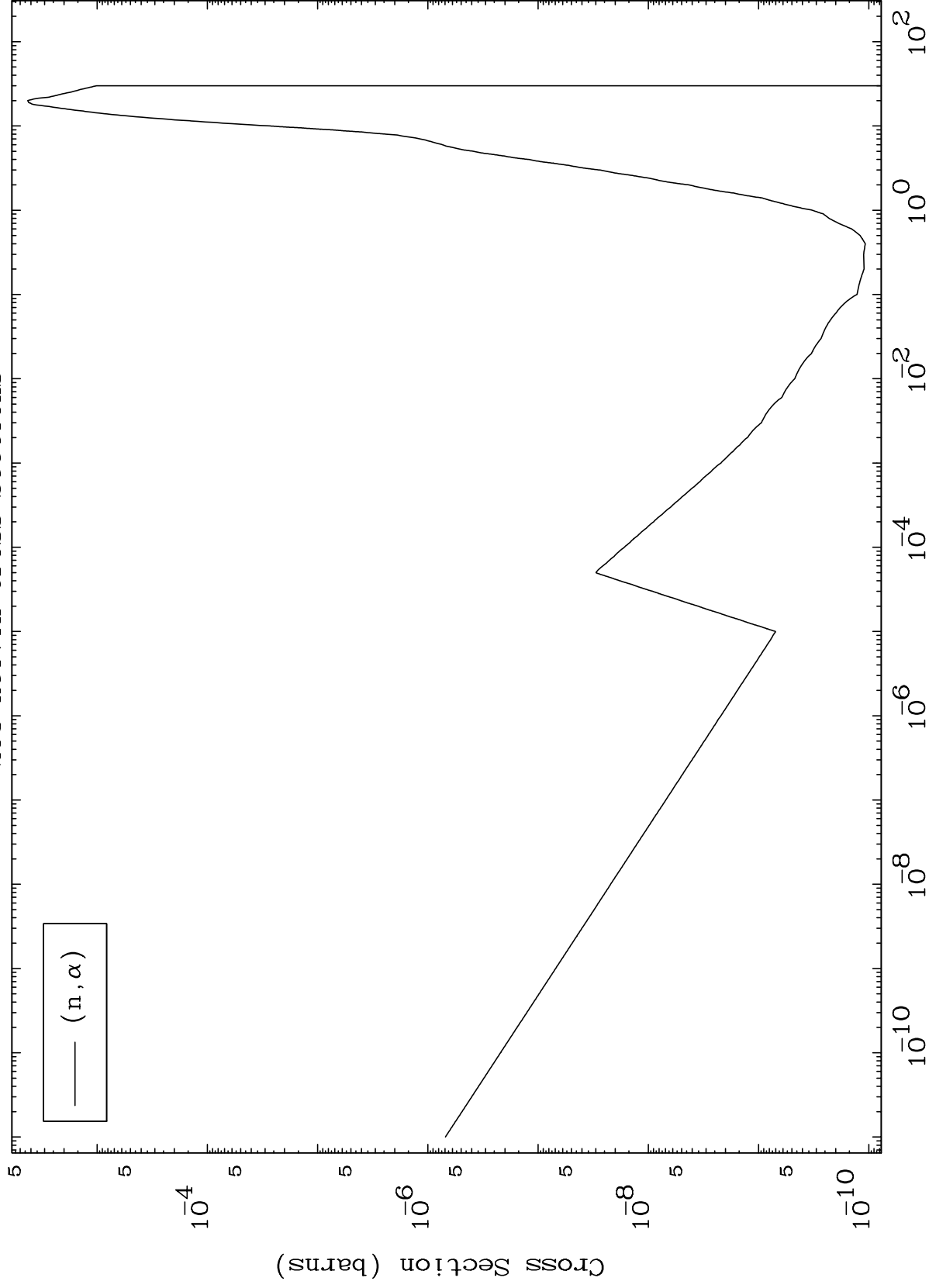
58-Ce-145

13

MAT 5852

(n, α) Levels
293 Kelvin Cross Sections

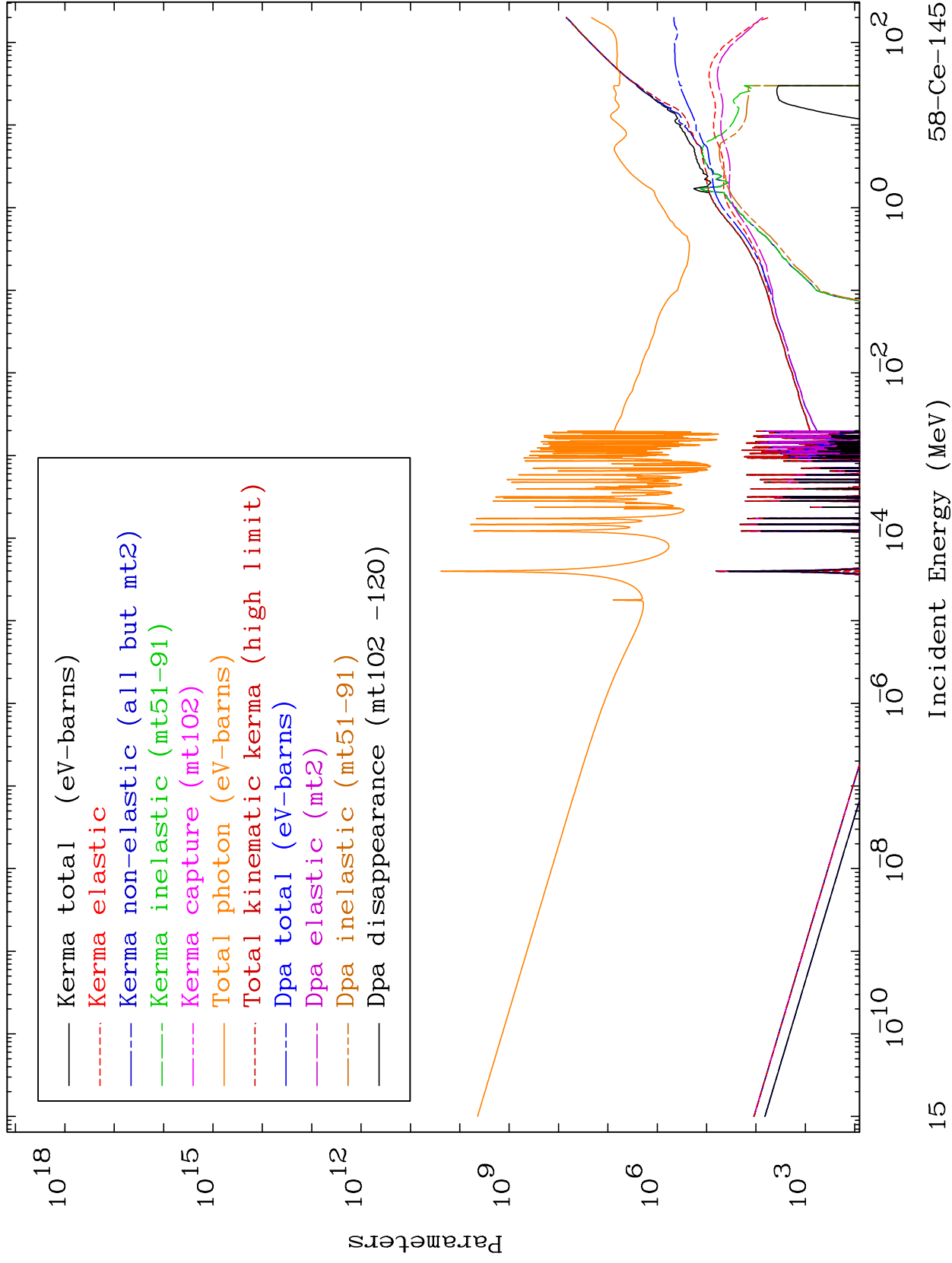
58-Ce-145



14

Incident Energy (MeV)

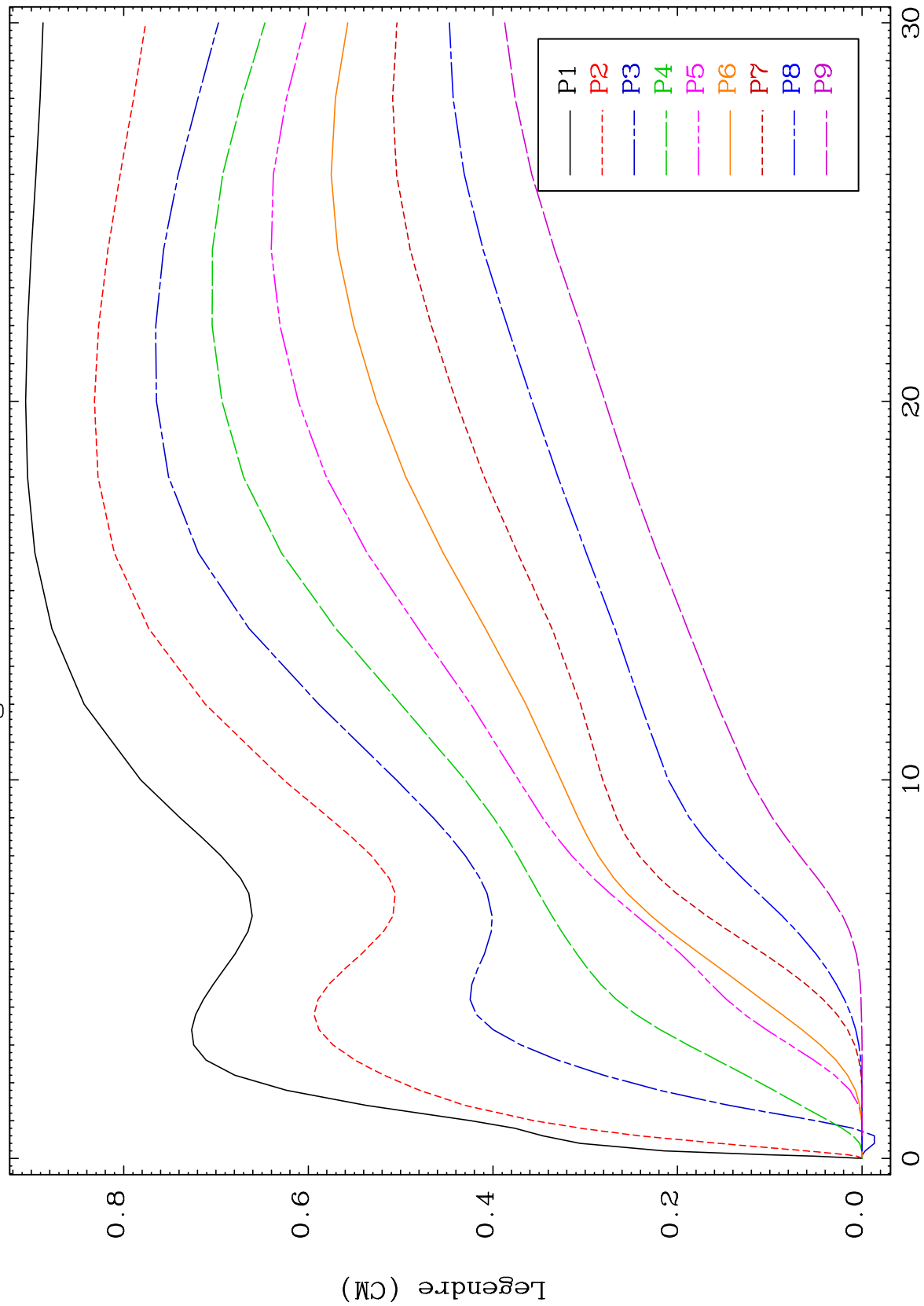
58-Ce-145



MAT 5852

Elastic Legendre Coefficients

58-Ce-145



16

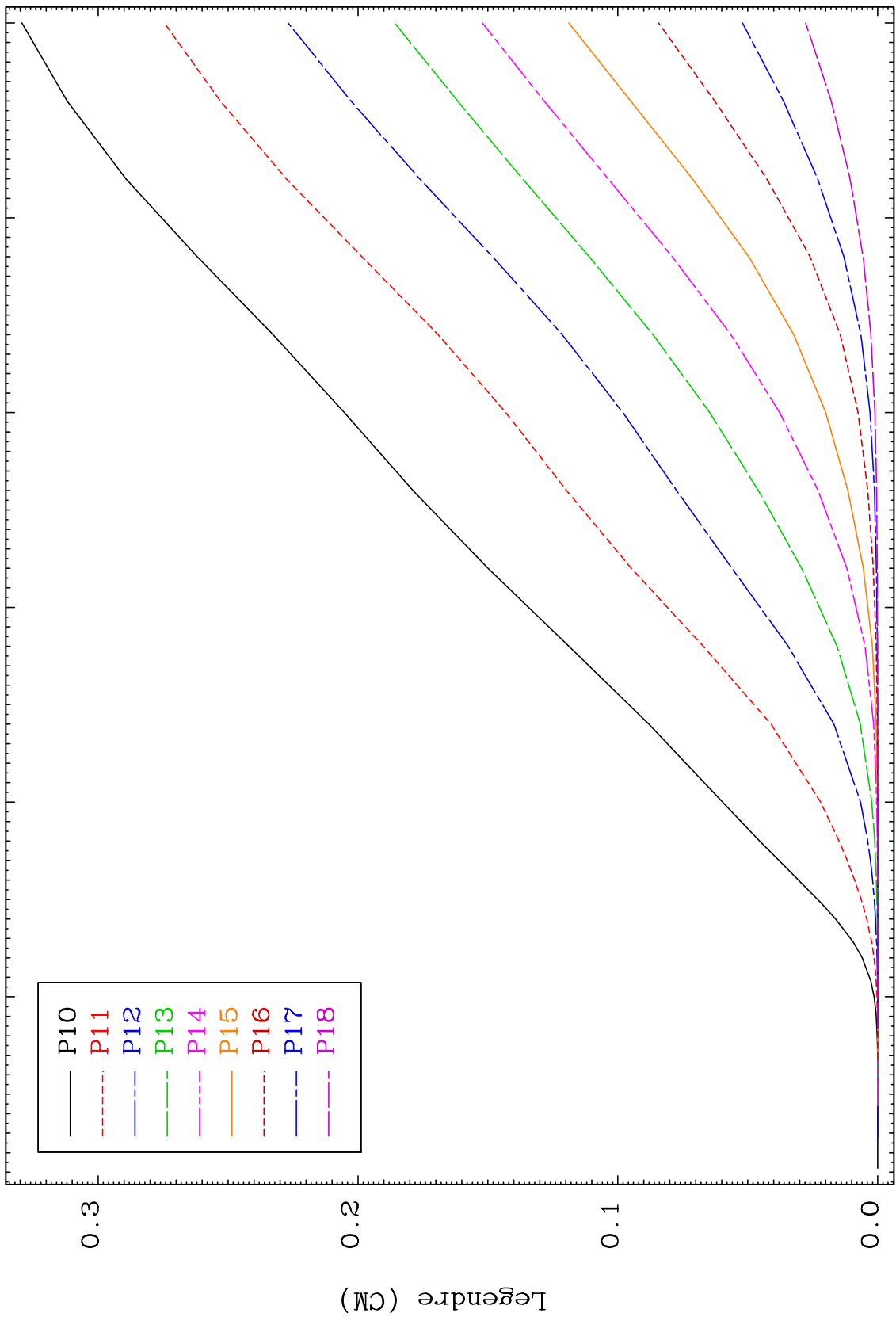
Incident Energy (MeV)

58-Ce-145

MAT 5852

Elastic Legendre Coefficients

58-Ce-145



17

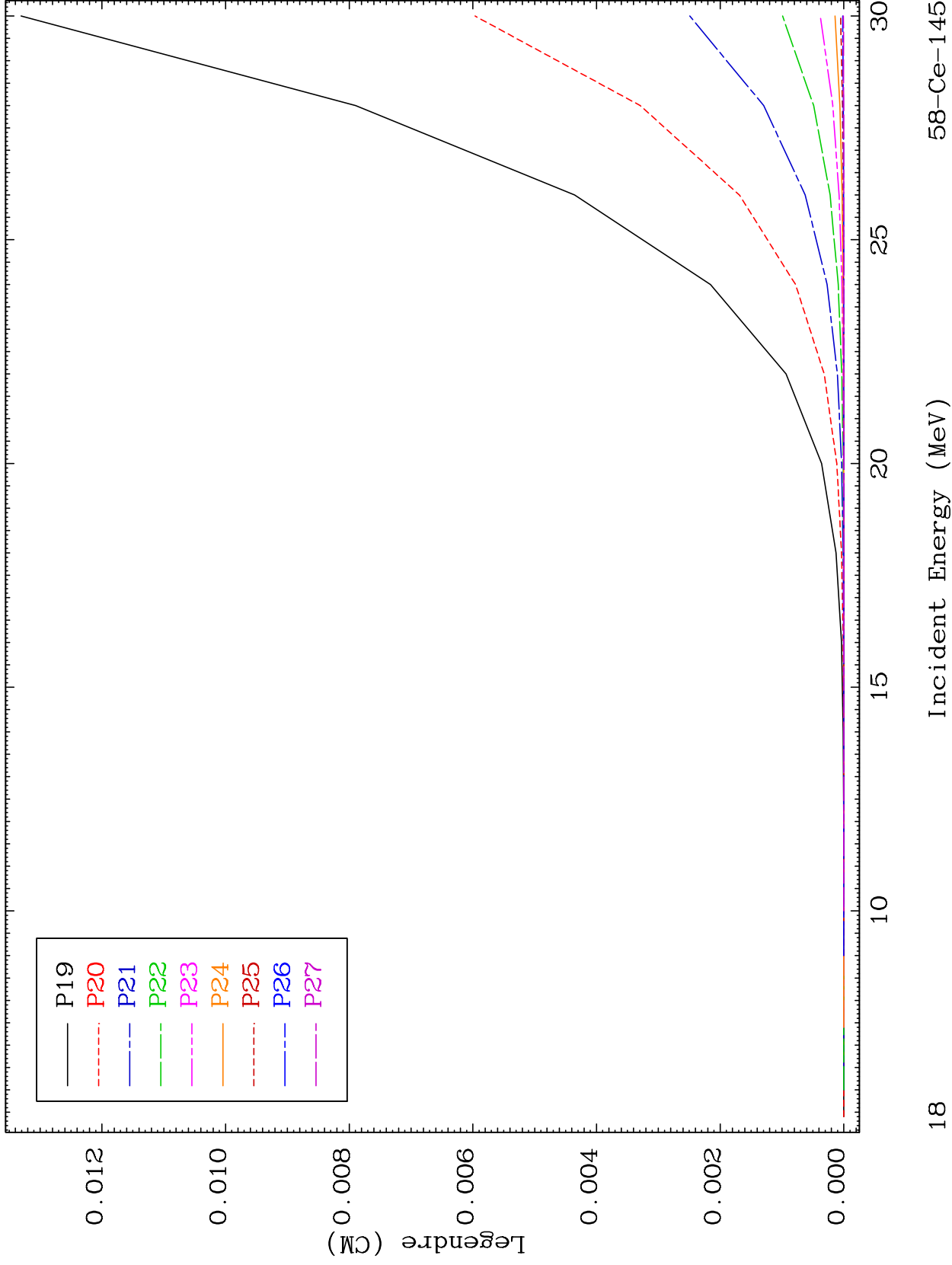
Incident Energy (MeV)

58-Ce-145

MAT 5852

Elastic Legendre Coefficients

58-Ce-145



18

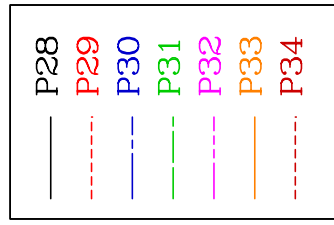
Incident Energy (MeV)

58-Ce-145

MAT 5852

Elastic Legendre Coefficients

58-Ce-145



$\times 10^{-6}$

1.5

Legendre (CM)

1.0

0.5

0.0

15

20

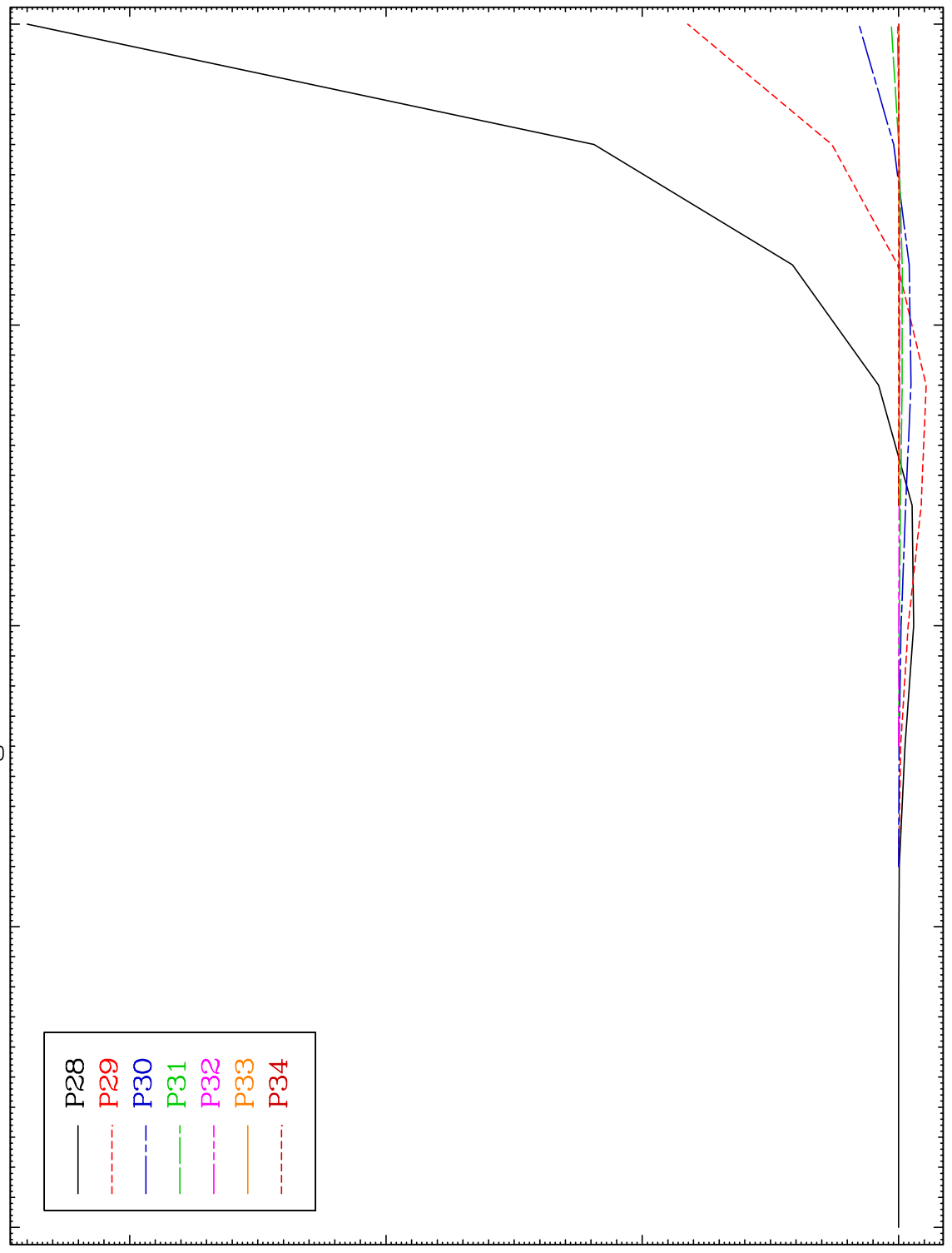
25

30

19

Incident Energy (MeV)

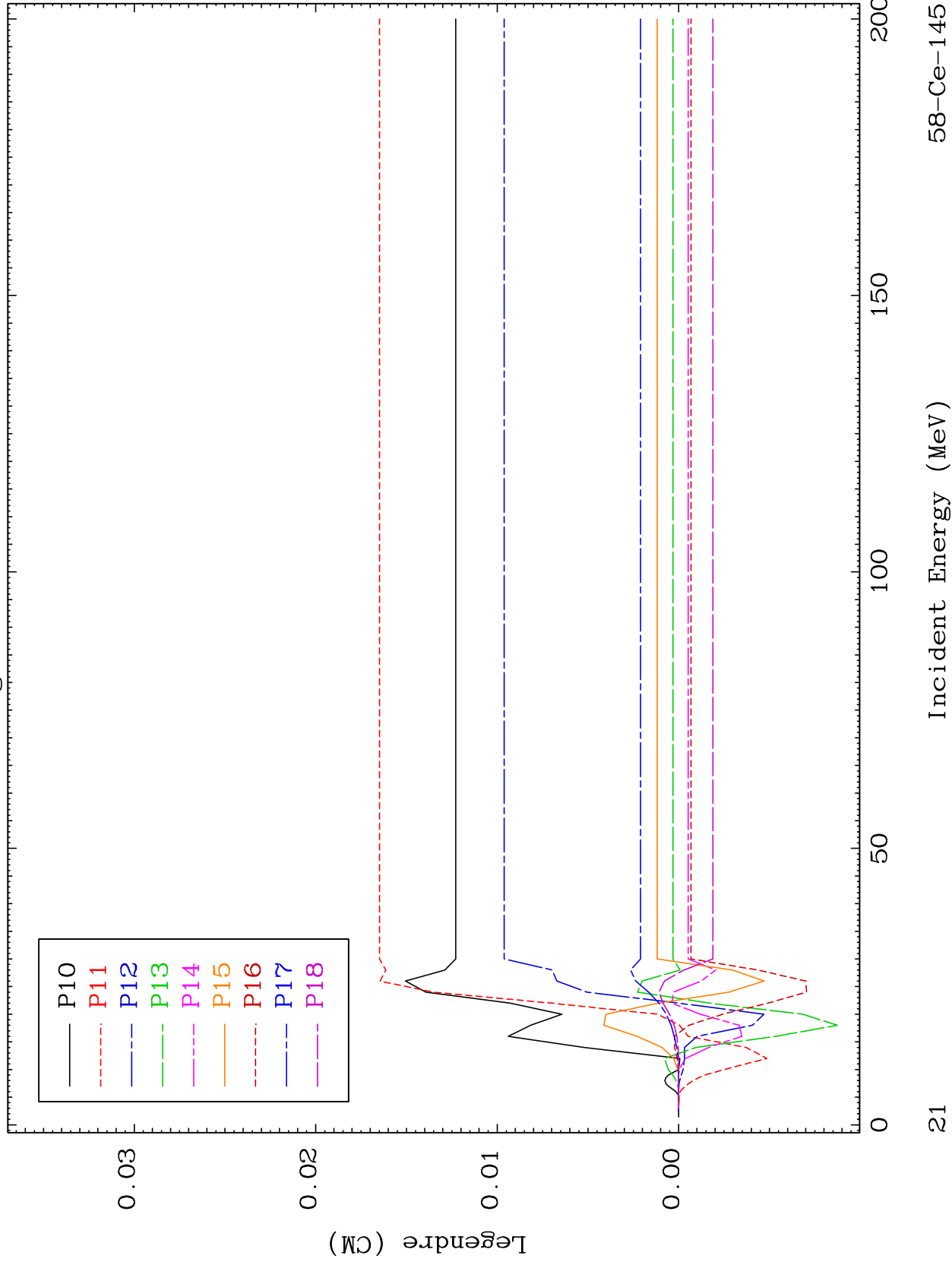
58-Ce-145



MAT 5852

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

58-Ce-145



21

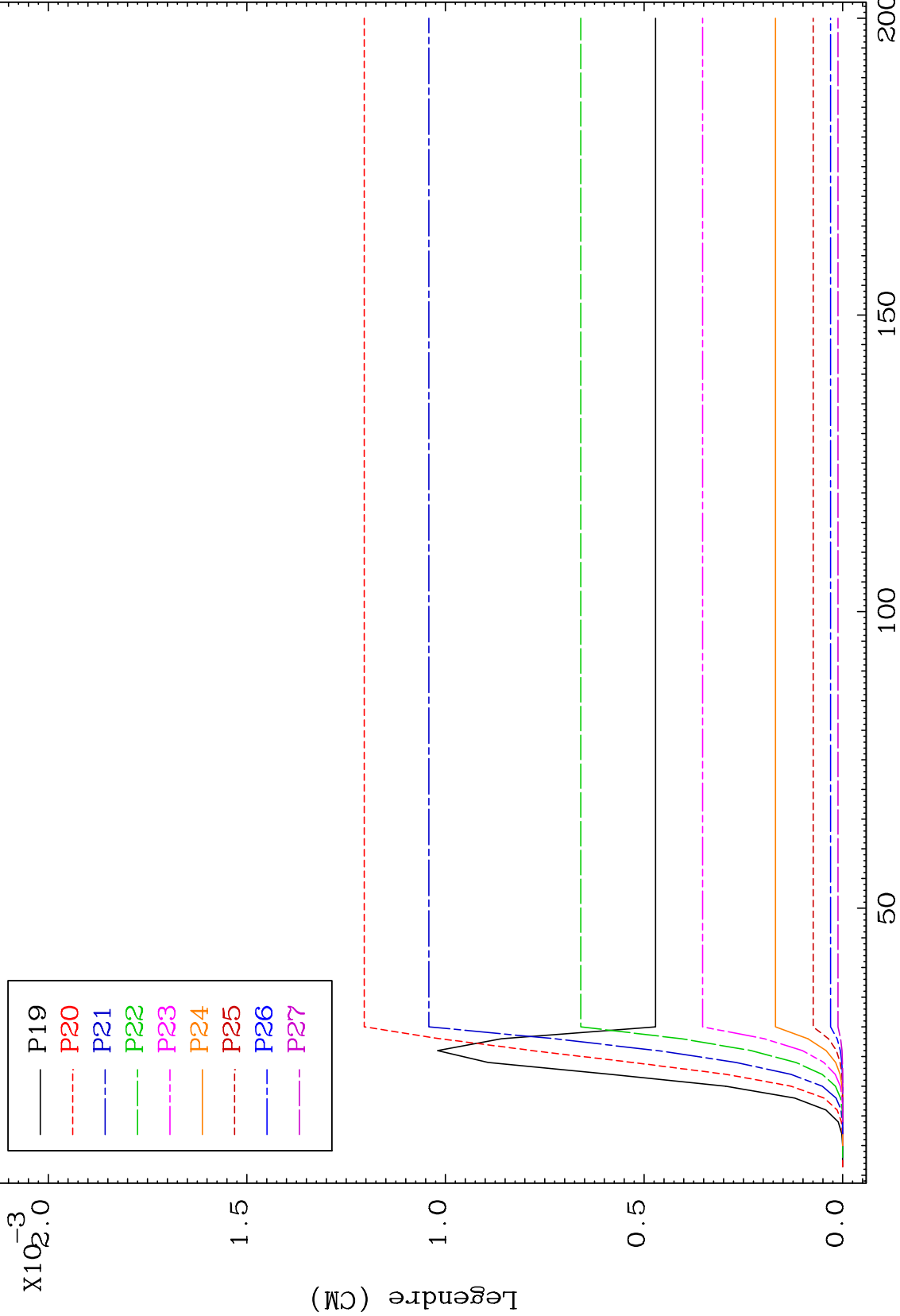
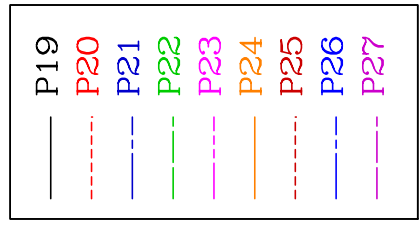
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

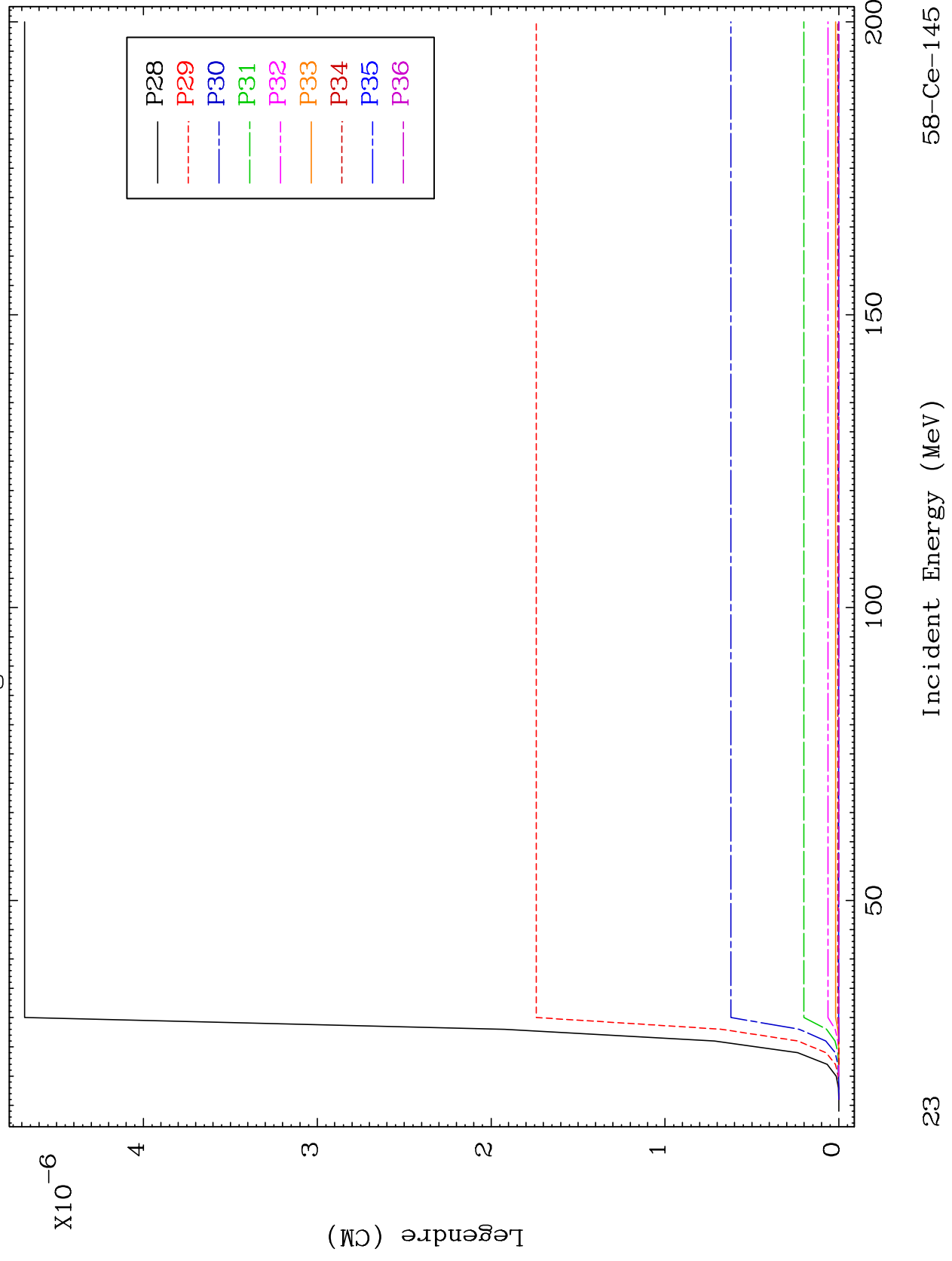
58-Ce-145



MAT 5852

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

58-Ce-145

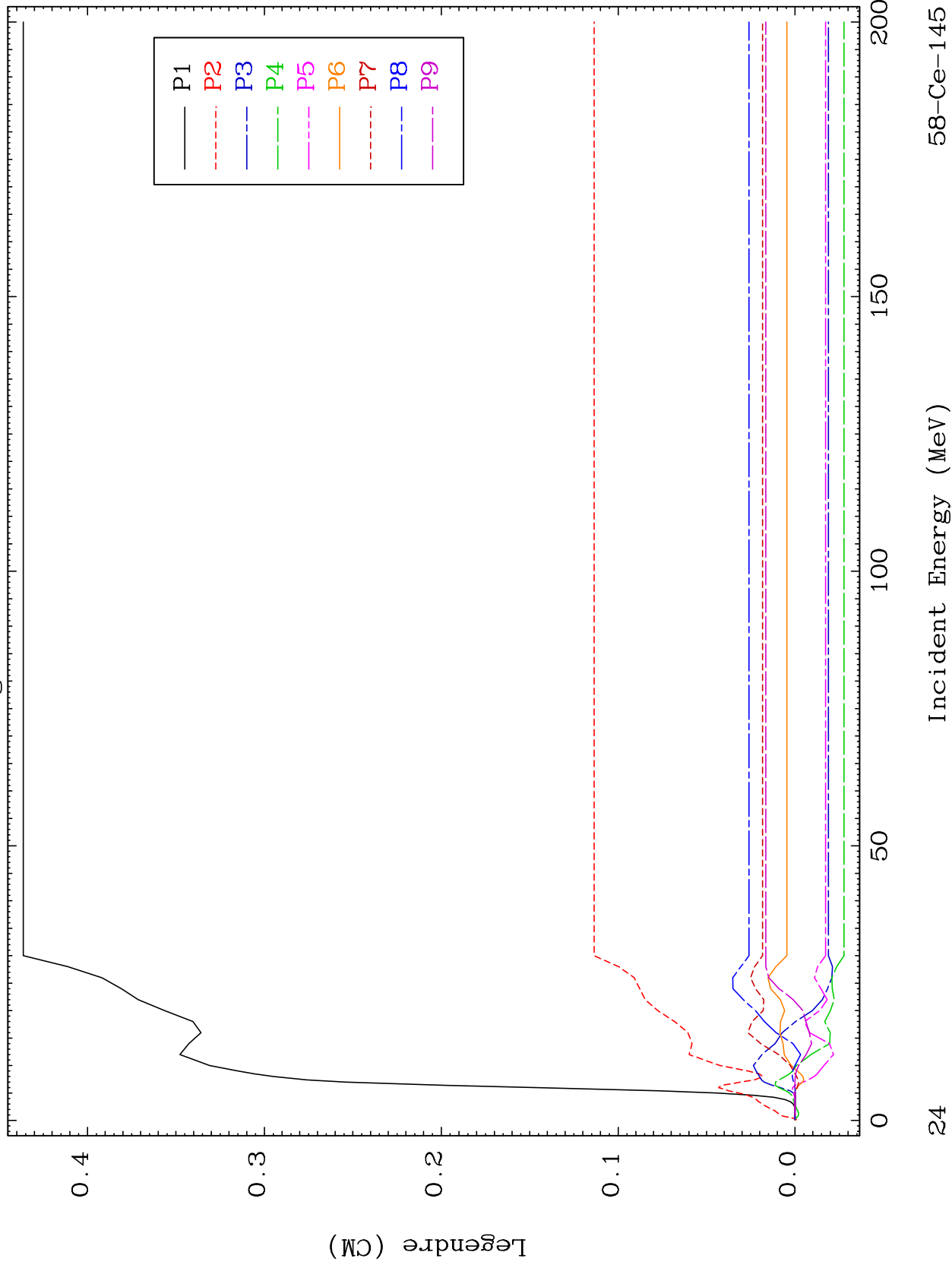


23

MAT 5852

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

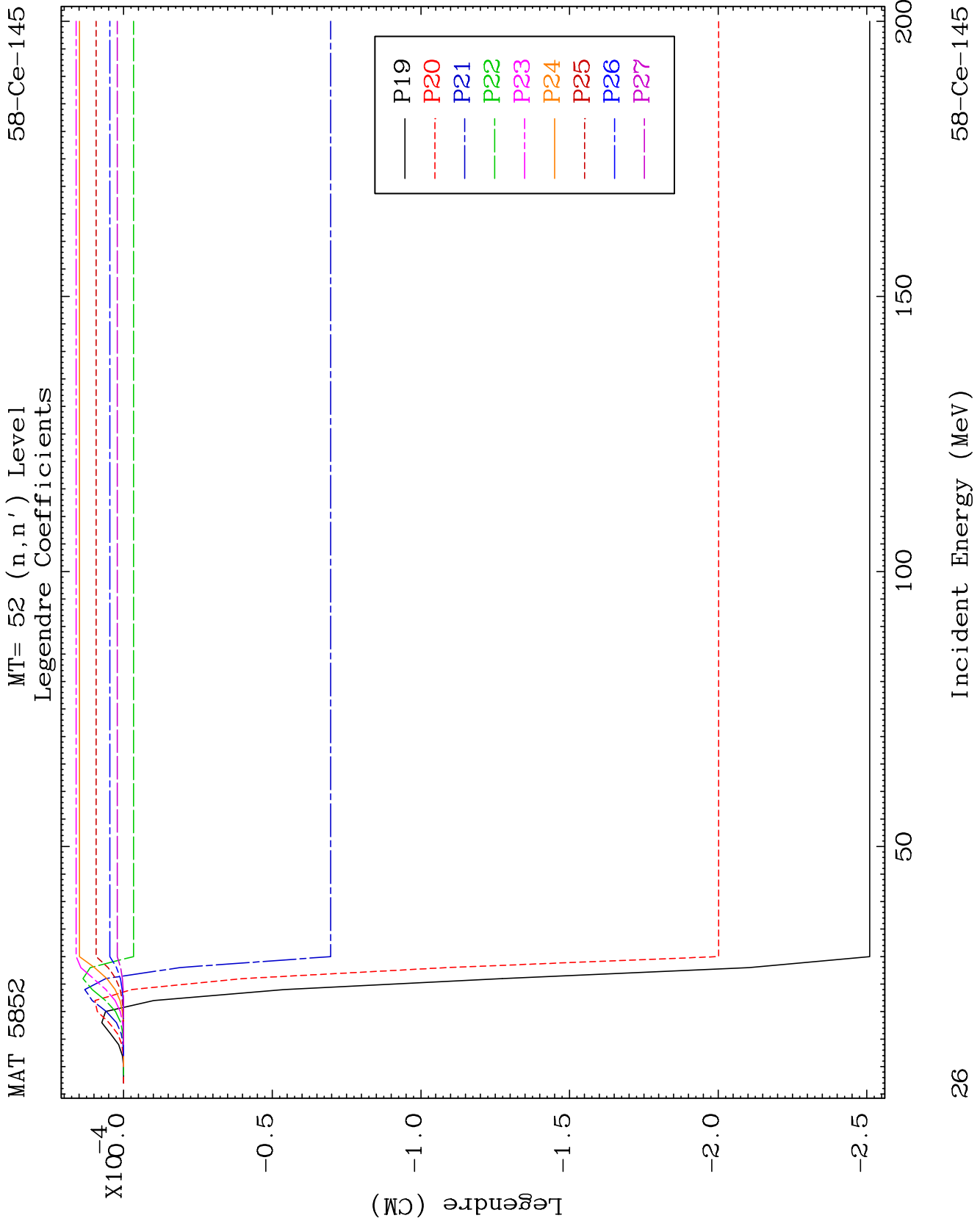
58-Ce-145



24

Incident Energy (MeV)

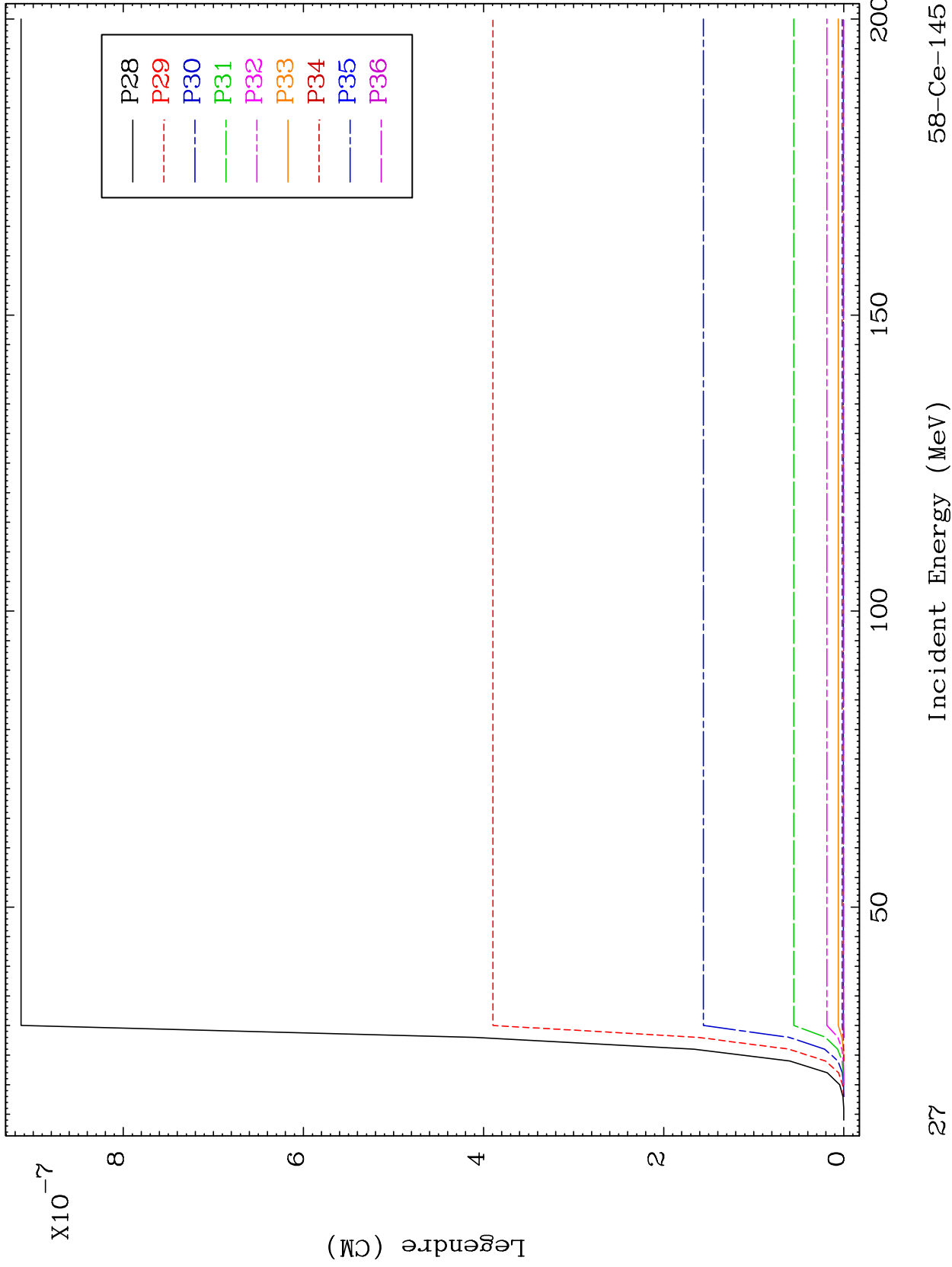
58-Ce-145



MAT 5852

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

58-Ce-145



27

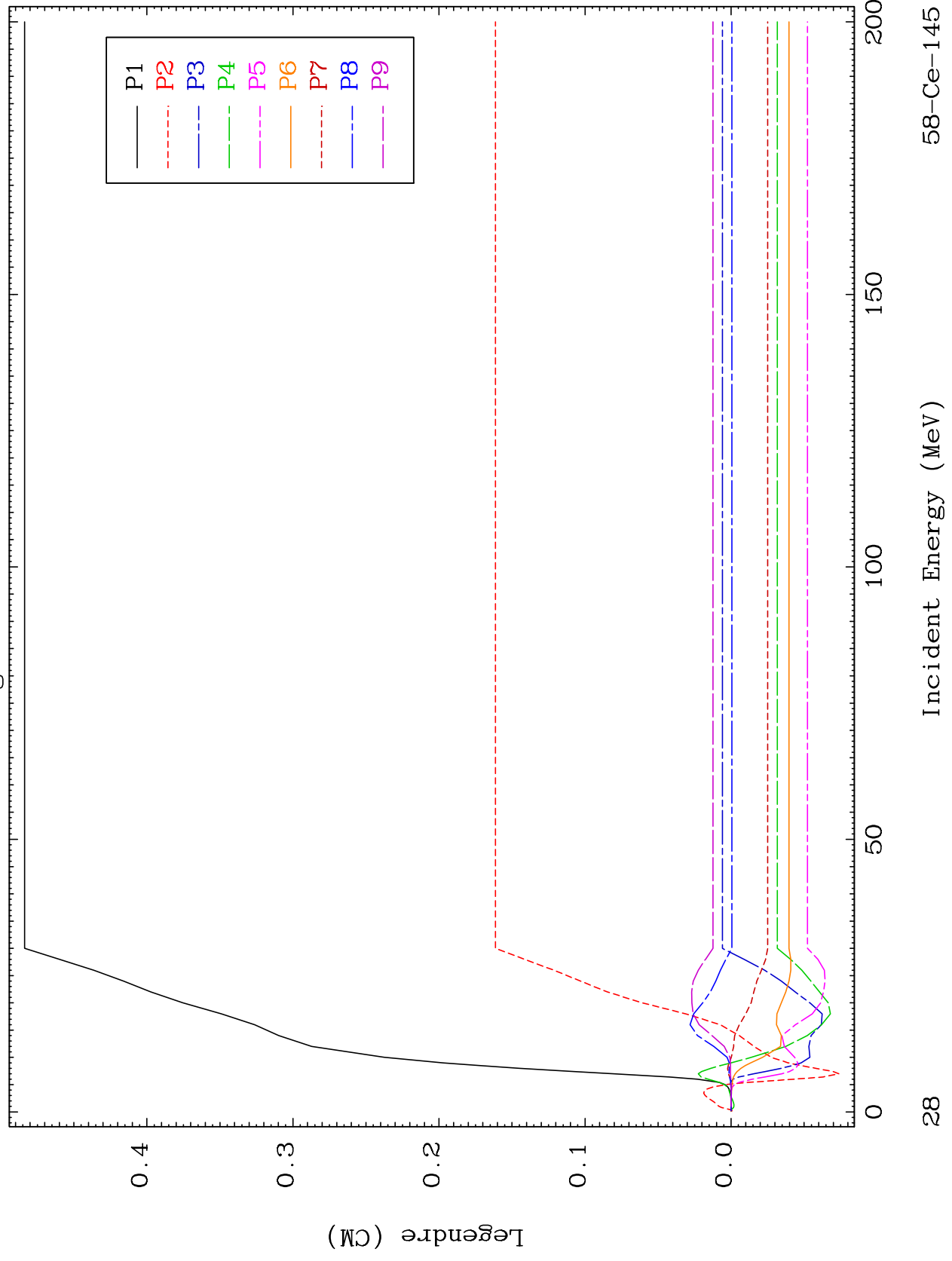
Incident Energy (MeV)

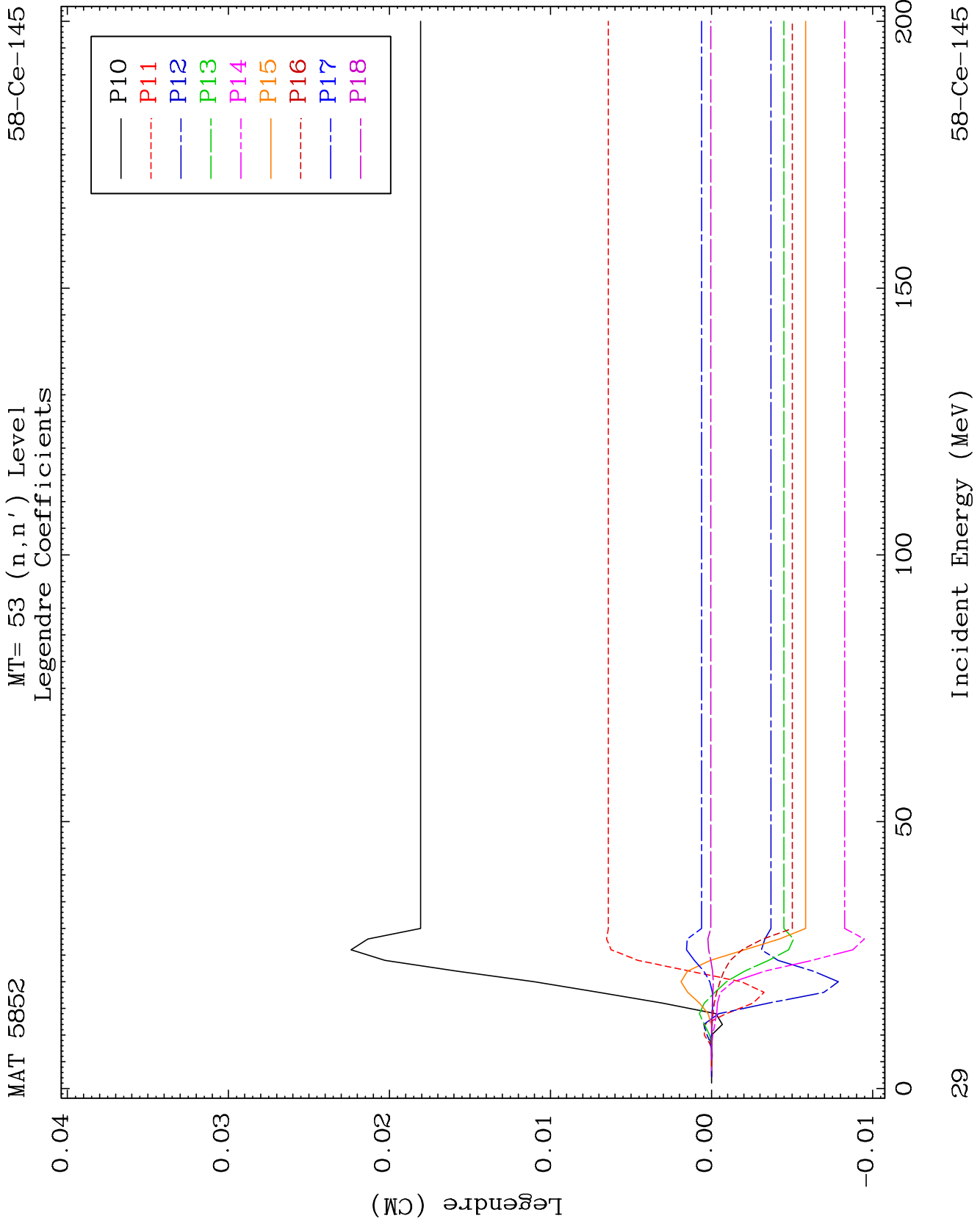
58-Ce-145

MAT 5852

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

58-Ce-145

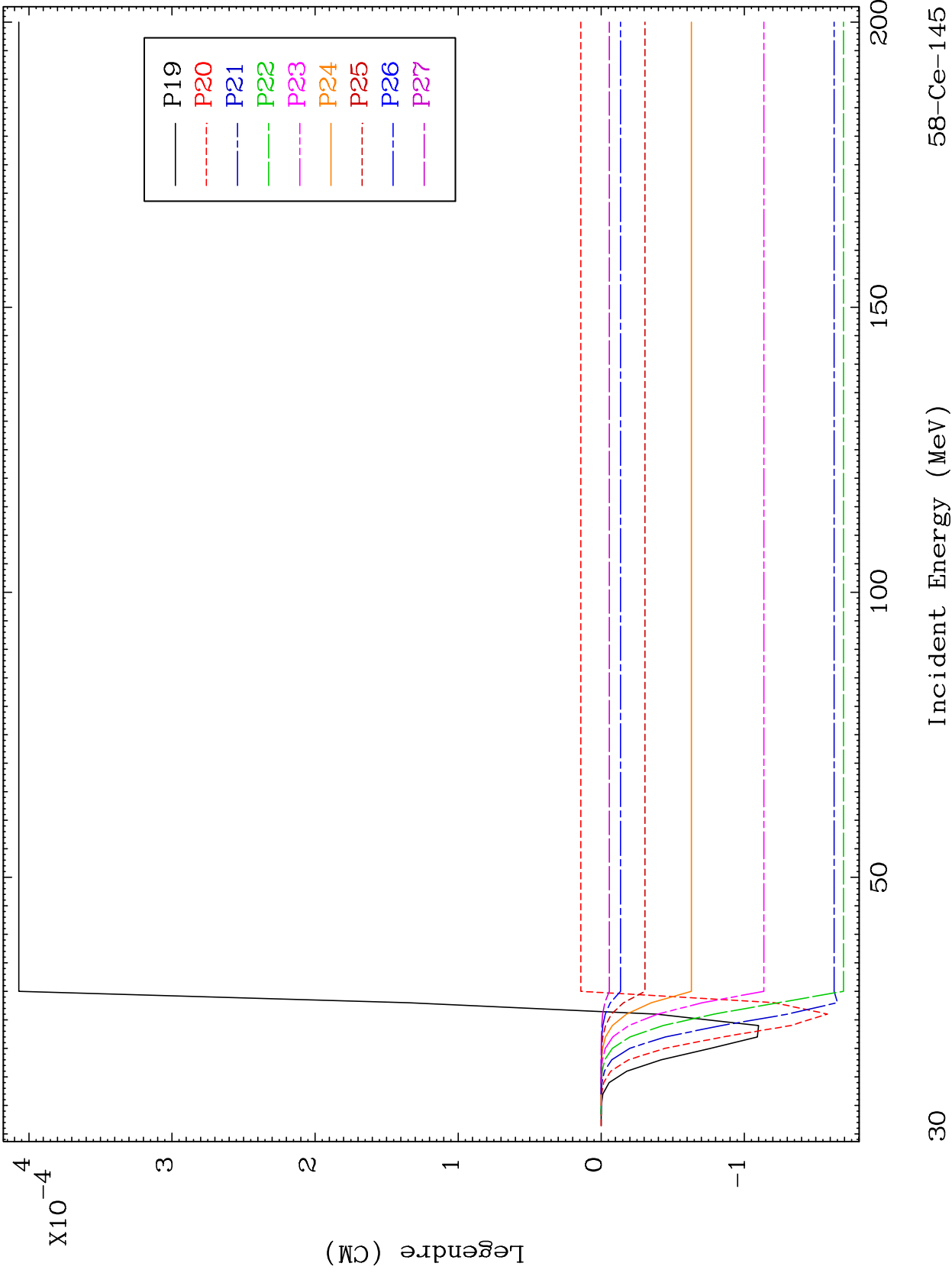




MAT 5852

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

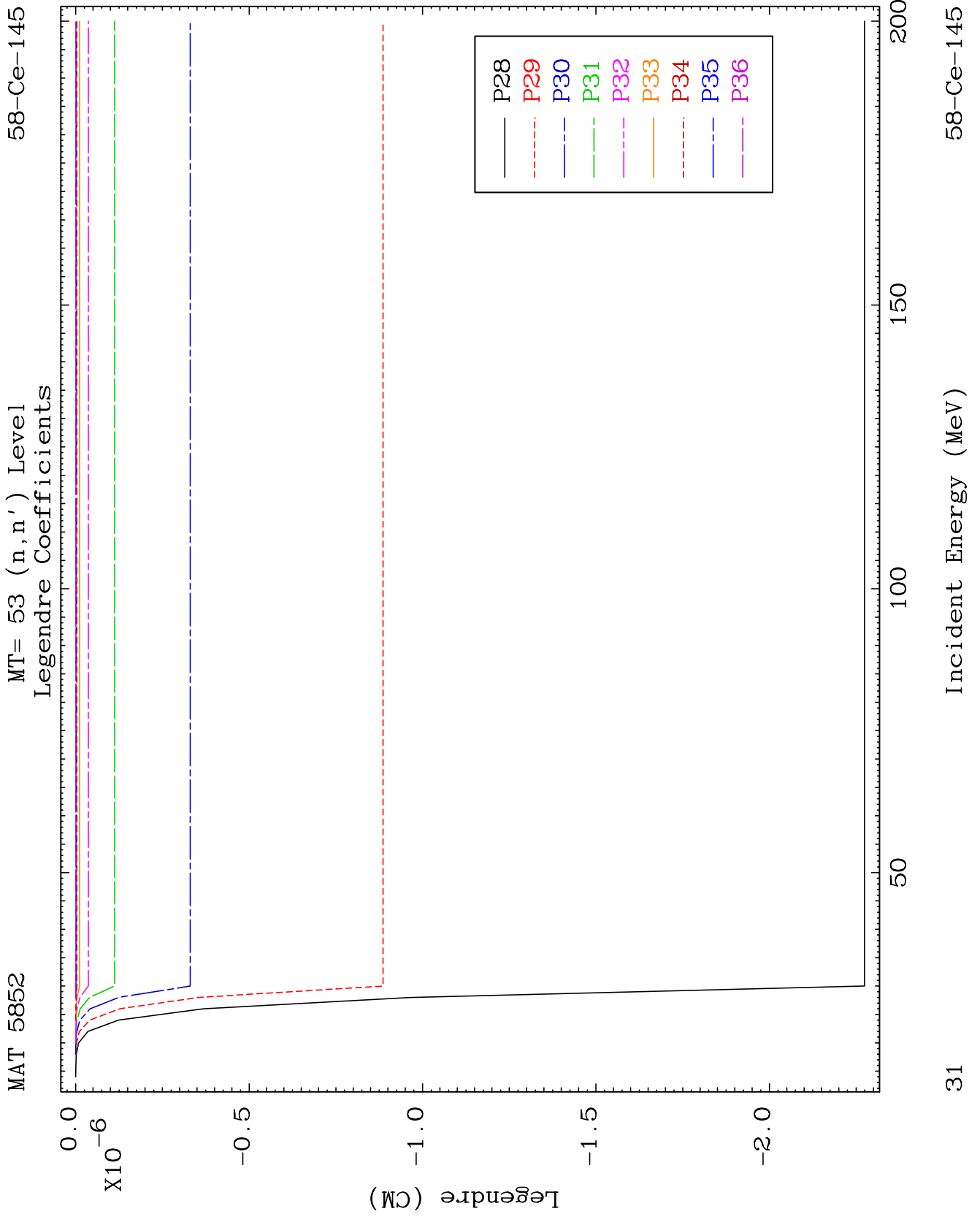
58-Ce-145



30

Incident Energy (MeV)

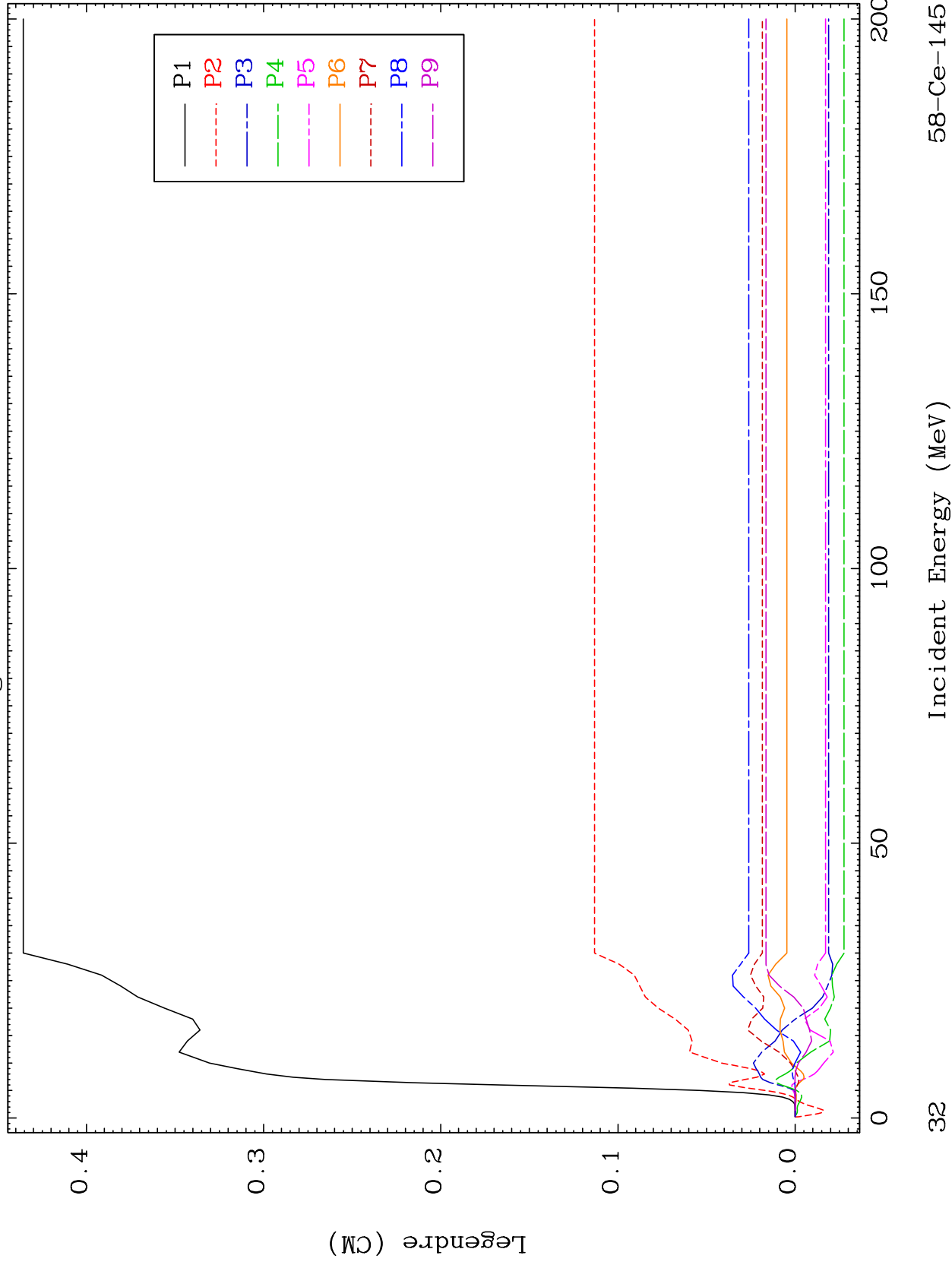
58-Ce-145



MAT 5852

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

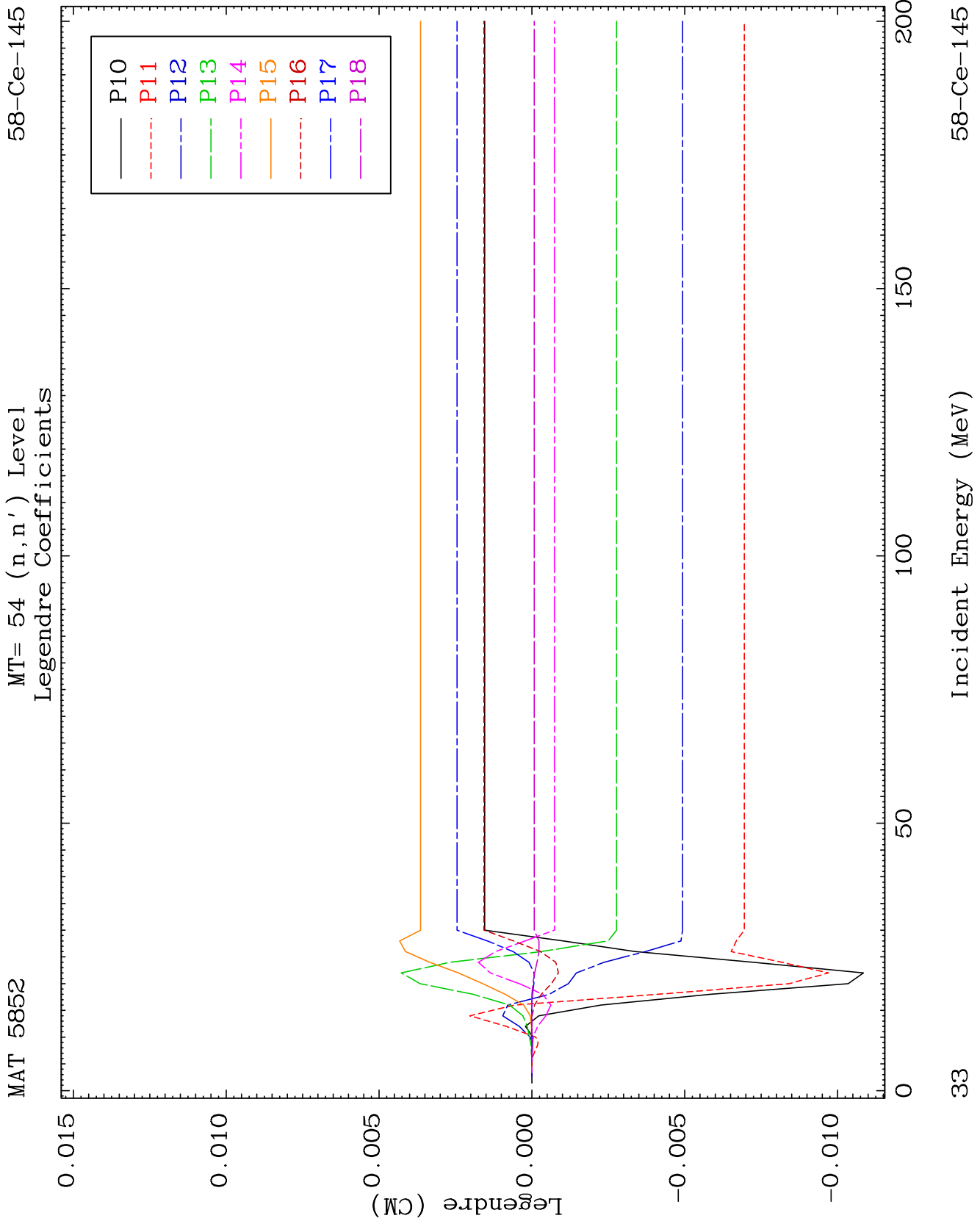
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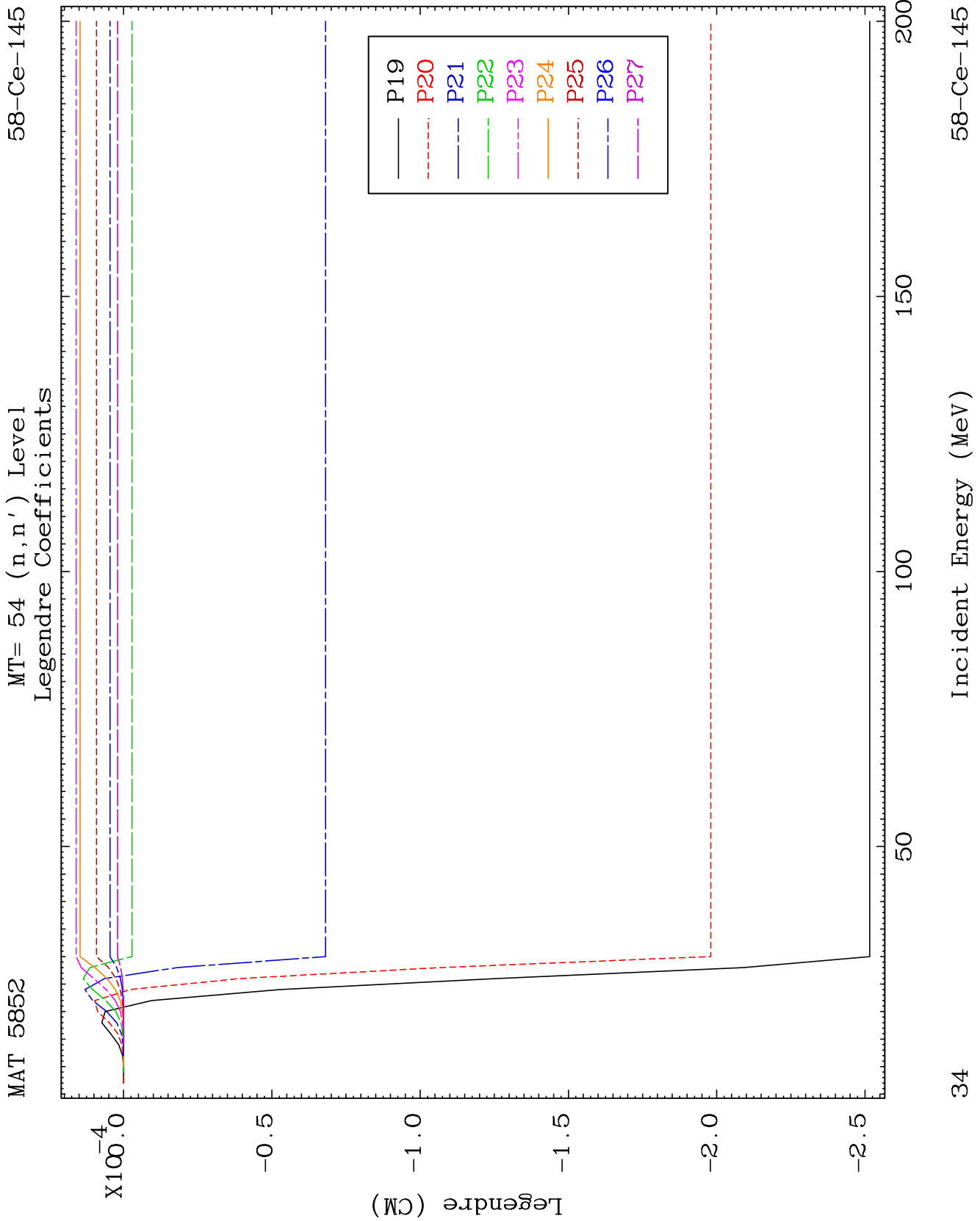


58-Ce-145

Incident Energy (MeV)

32

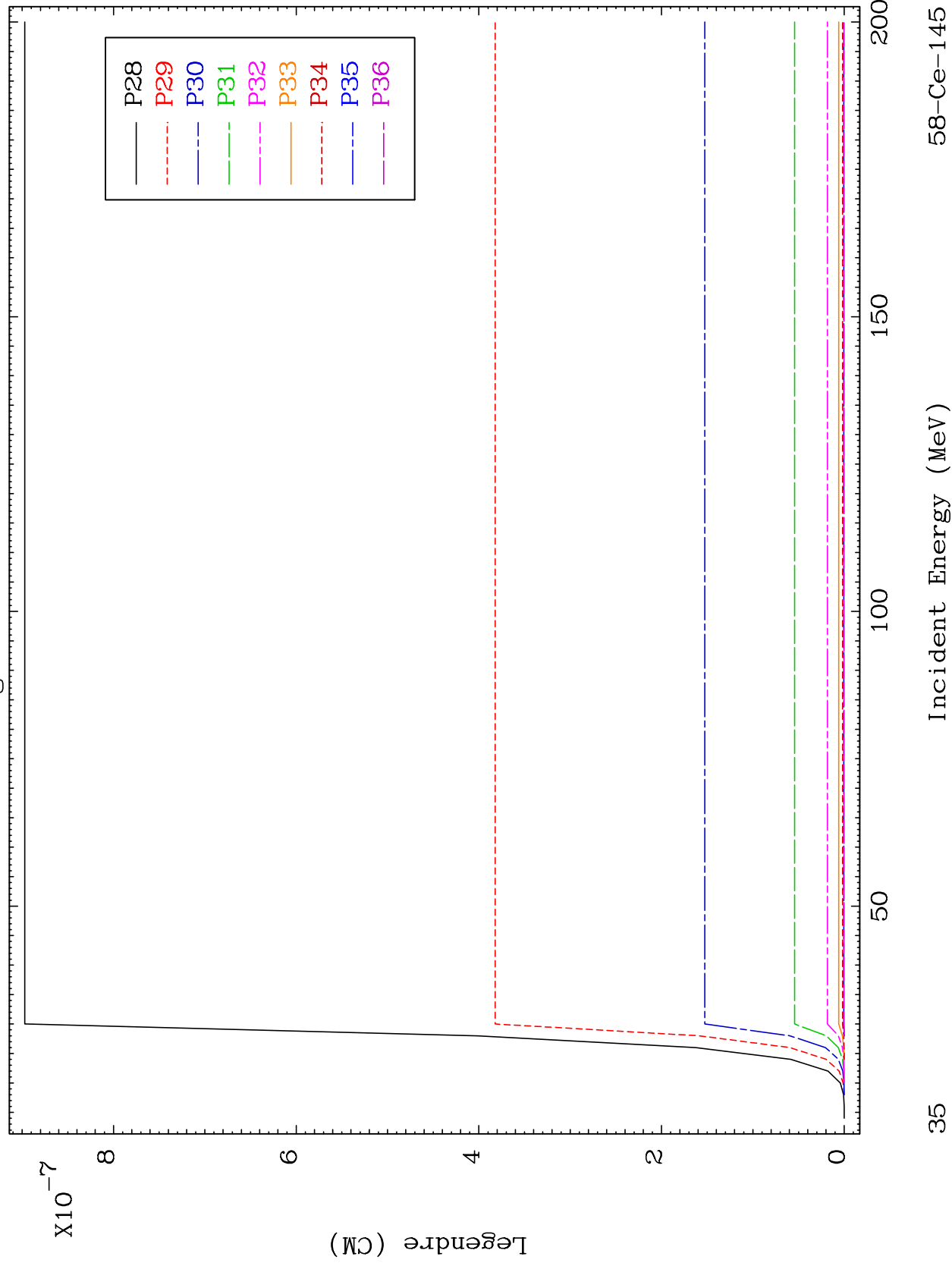




MAT 5852

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

58-Ce-145



35

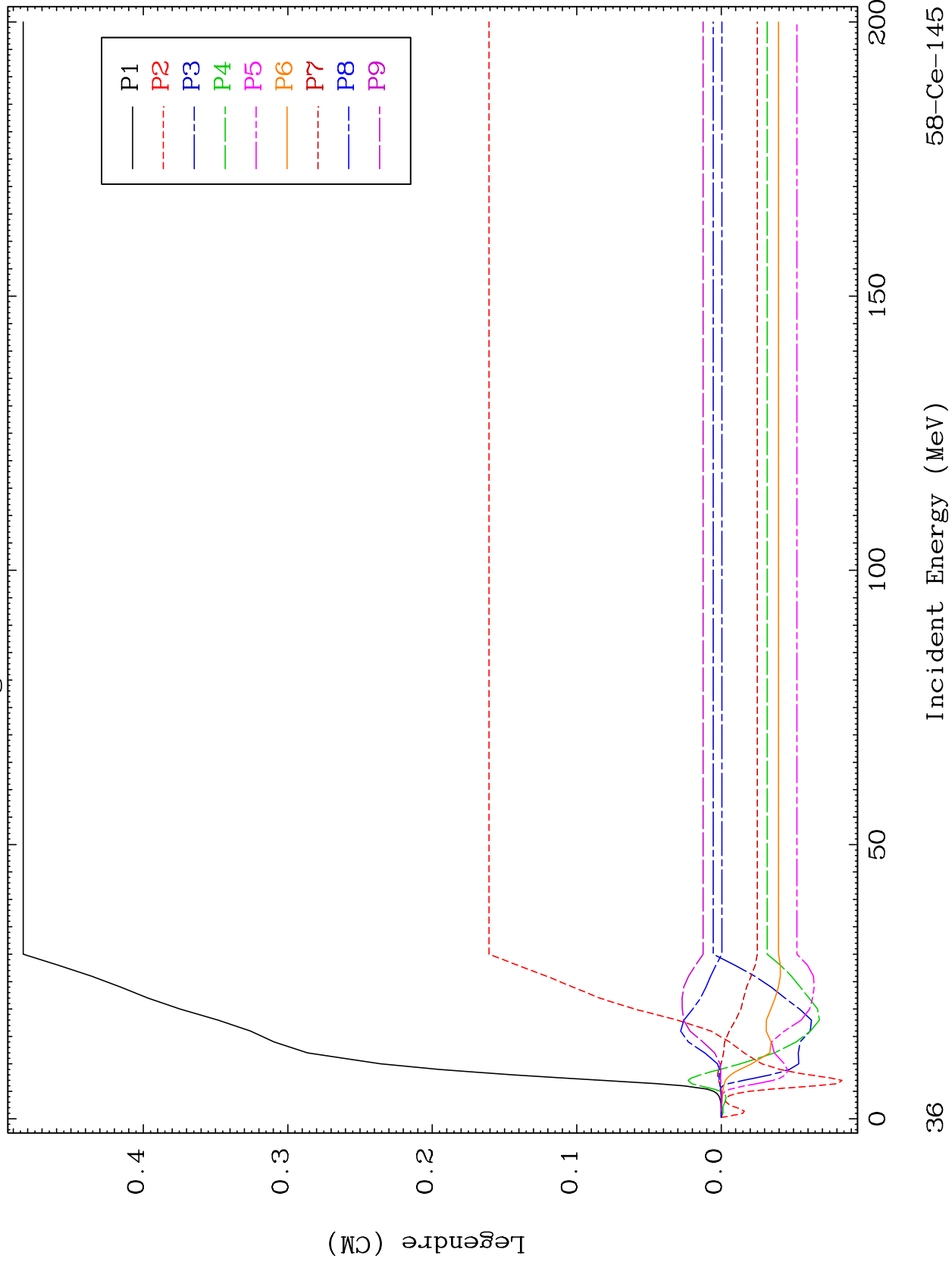
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



58-Ce-145

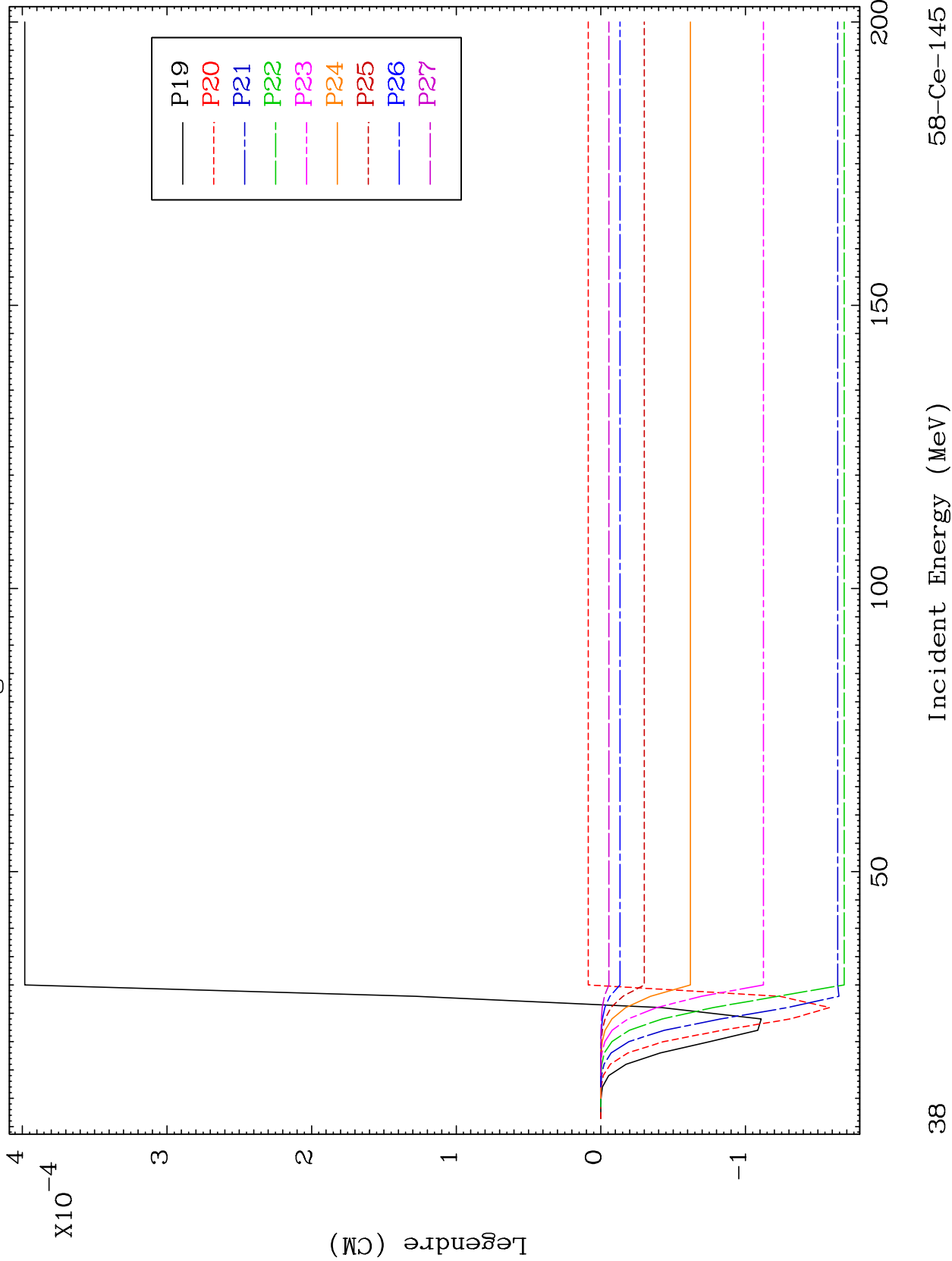
Incident Energy (MeV)

36

MAT 5852

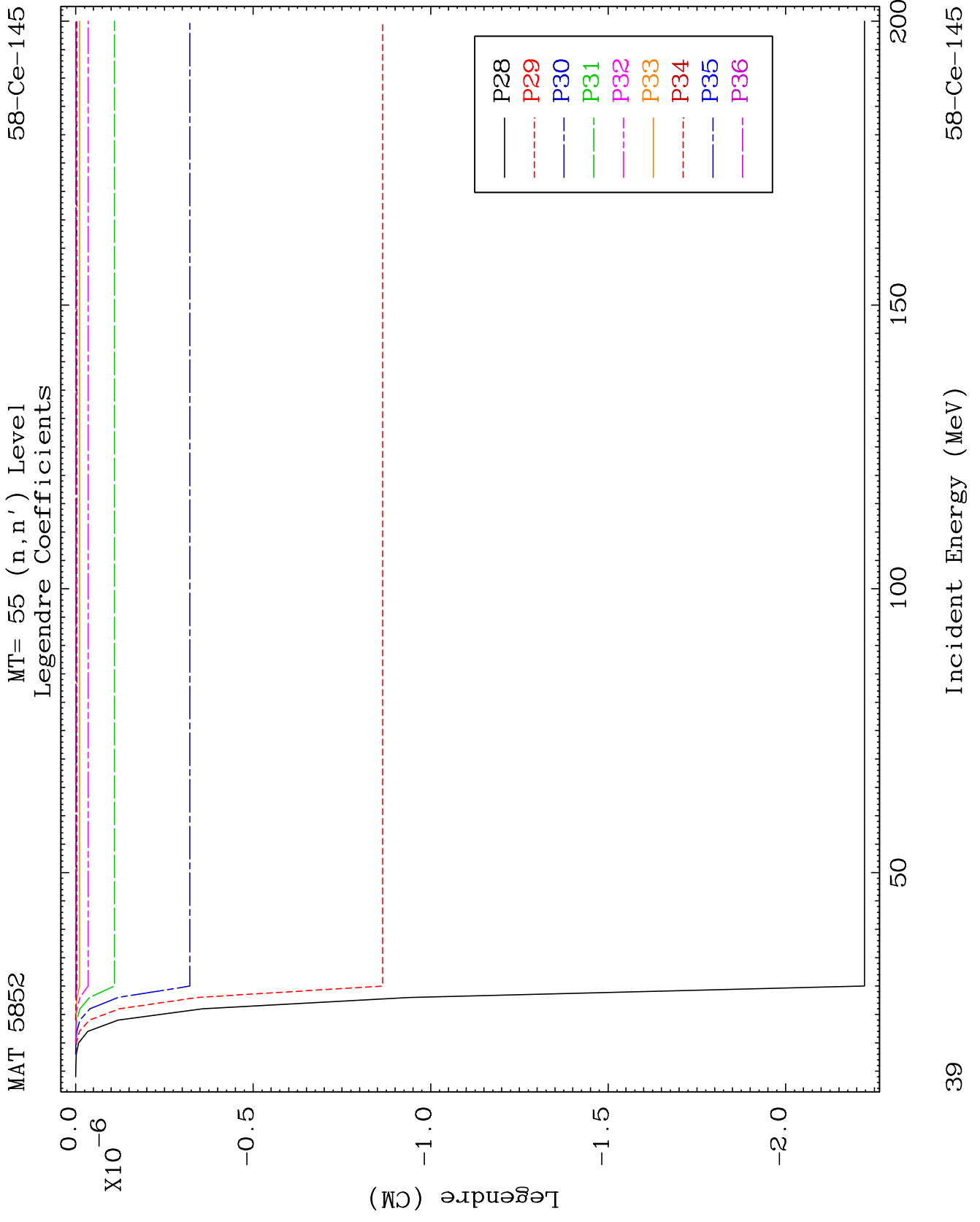
MT= 55 (n,n') Level
Legendre Coefficients

58-Ce-145



38

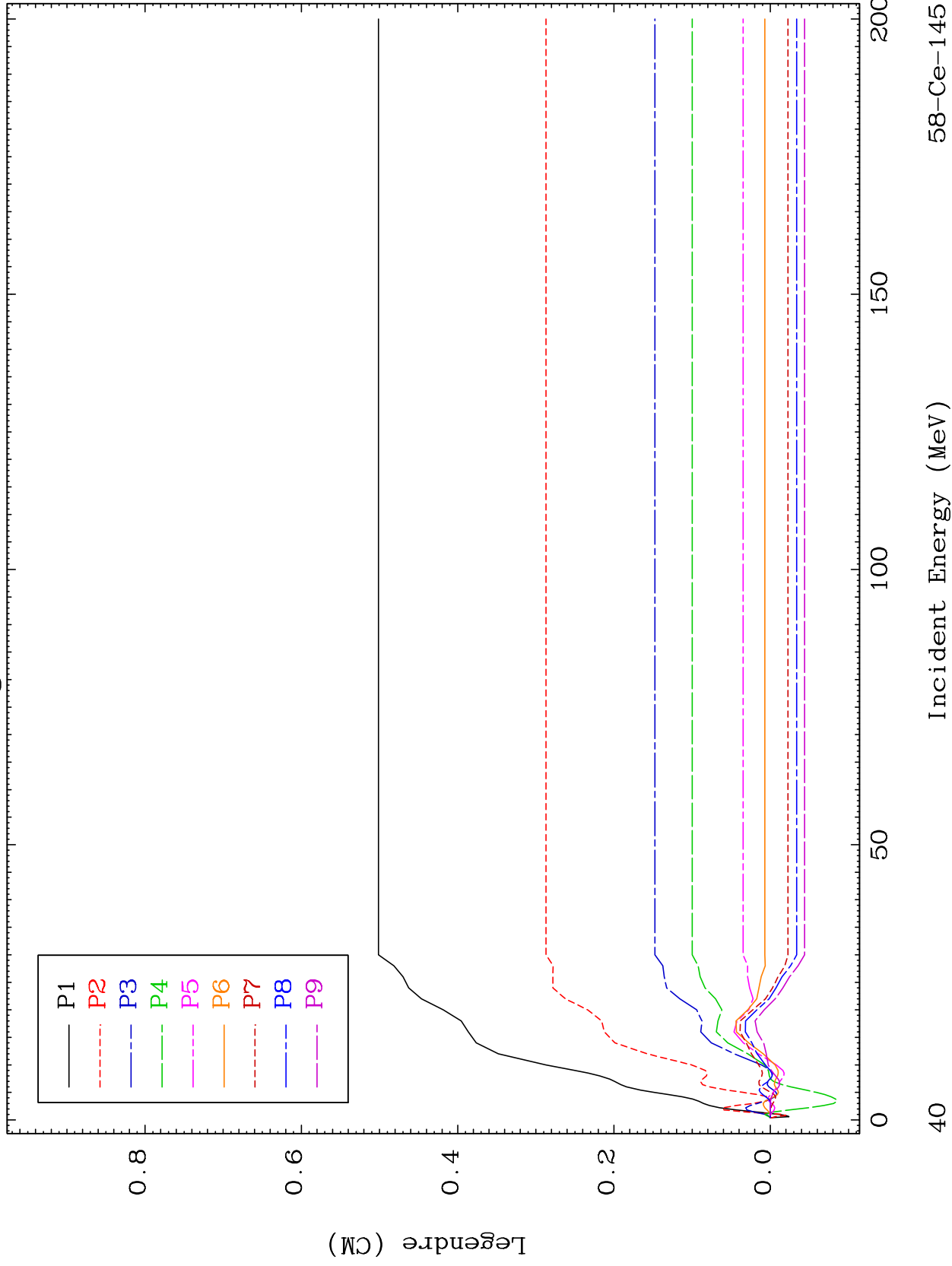
58-Ce-145



MAT 5852

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

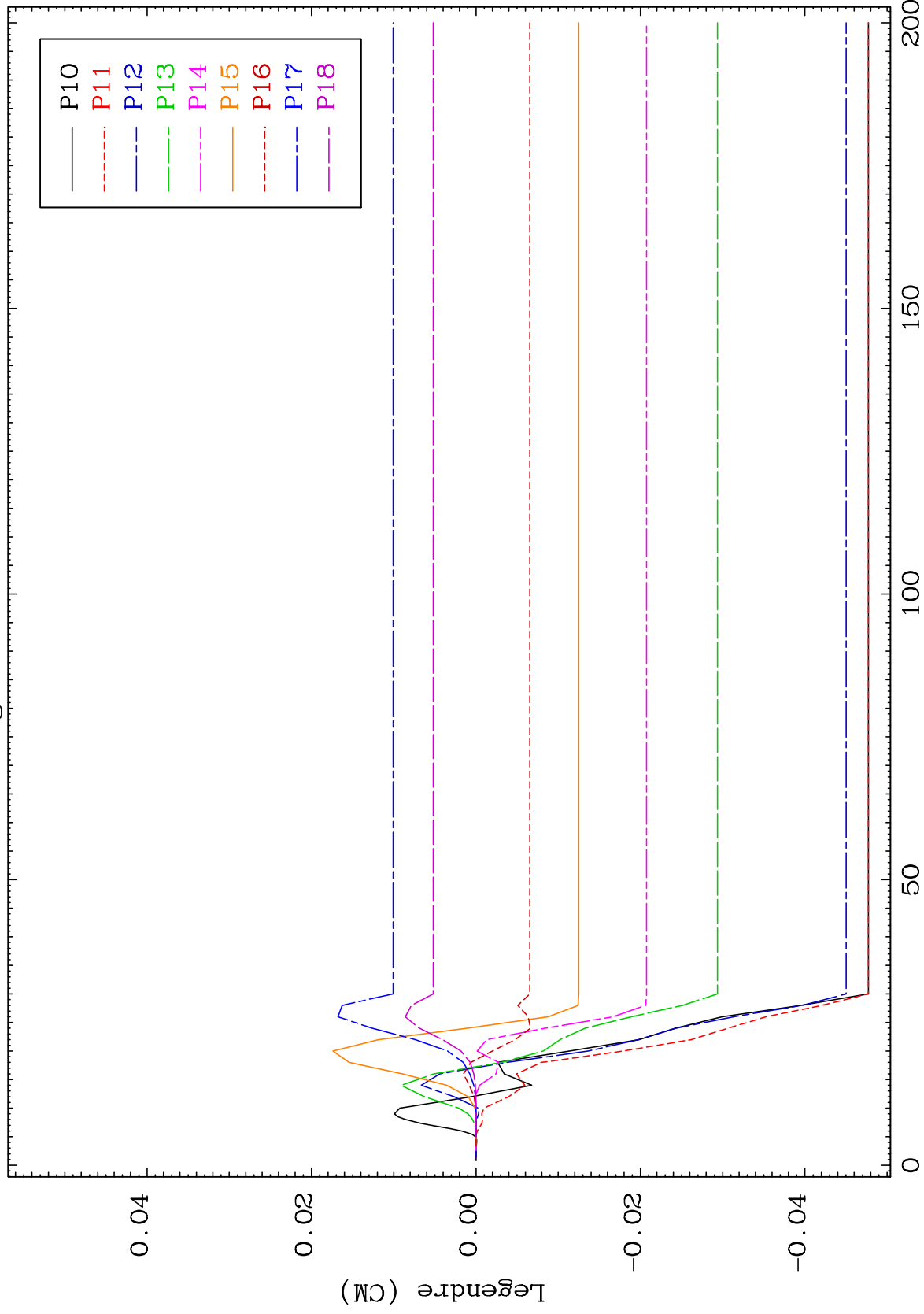
58-Ce-145



MAT 5852

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

58-Ce-145



41

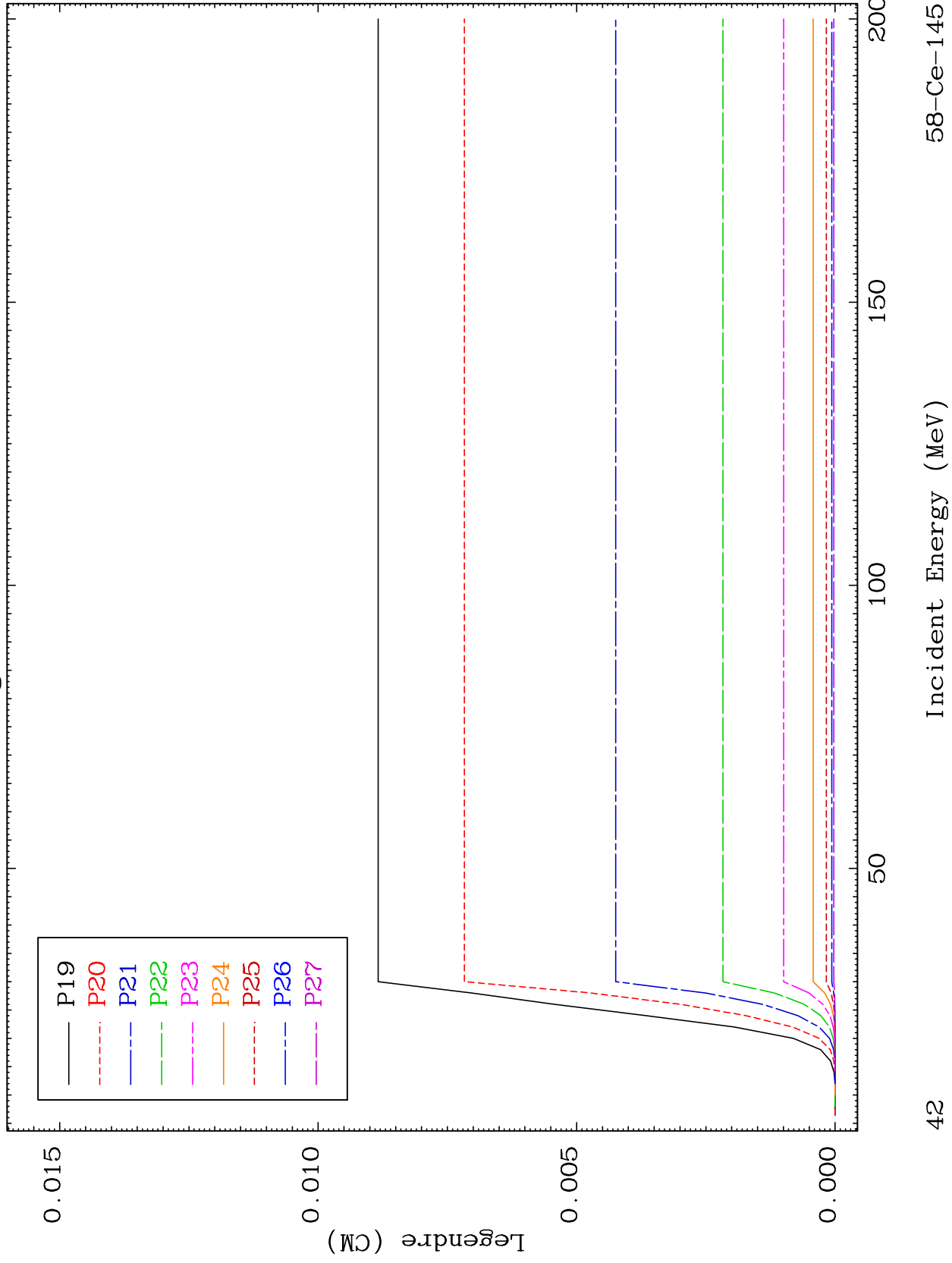
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



42

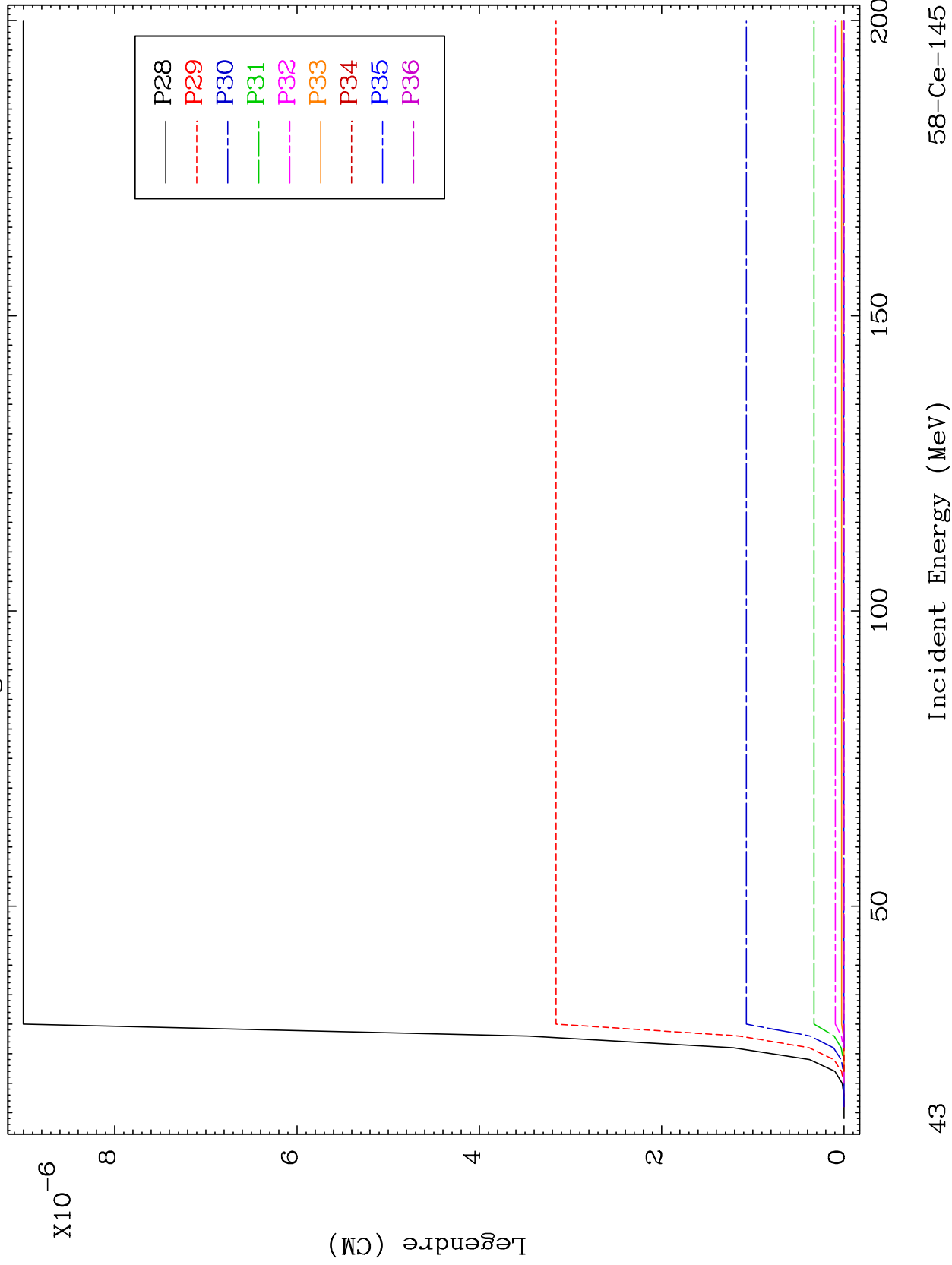
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



43

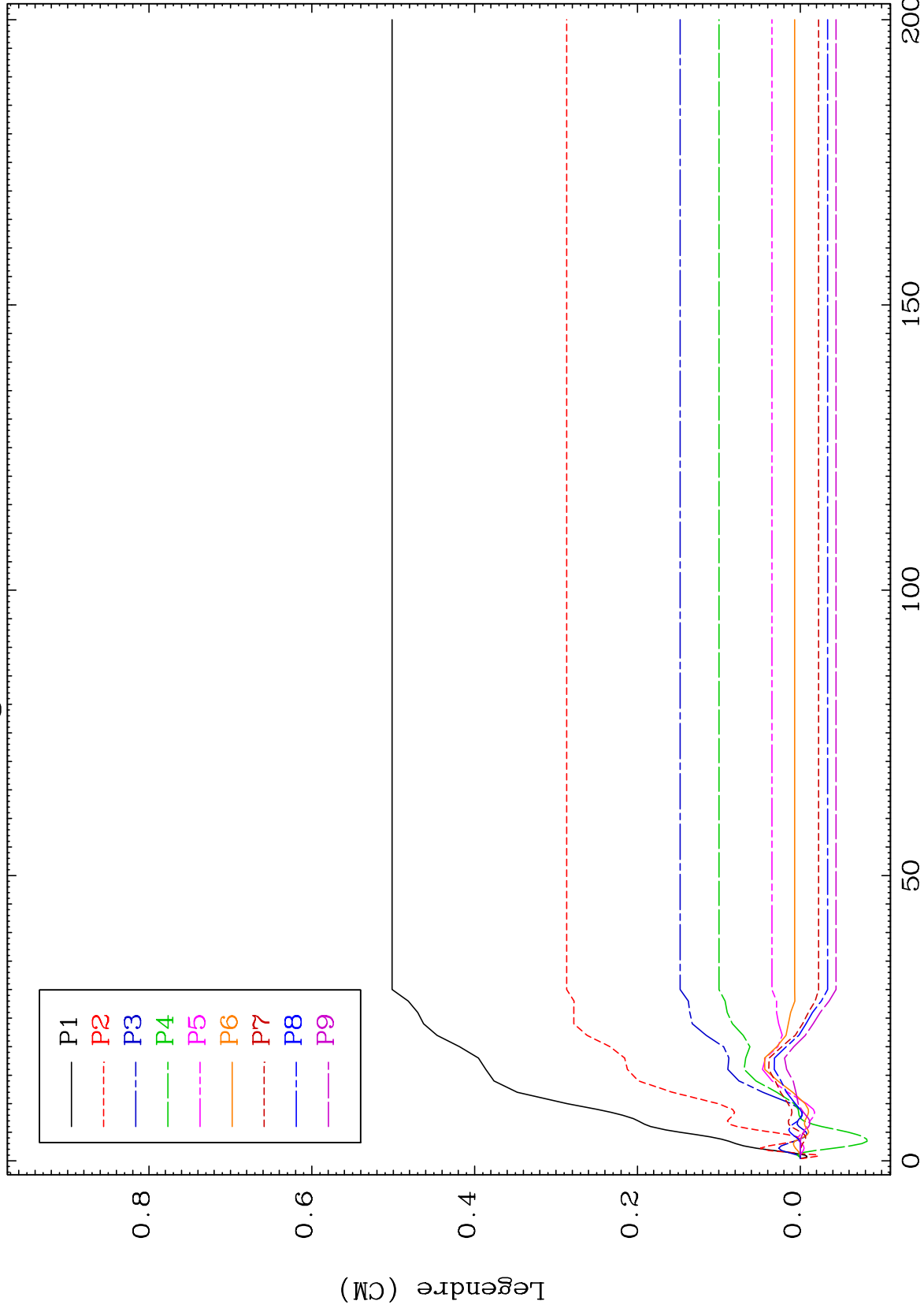
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



44

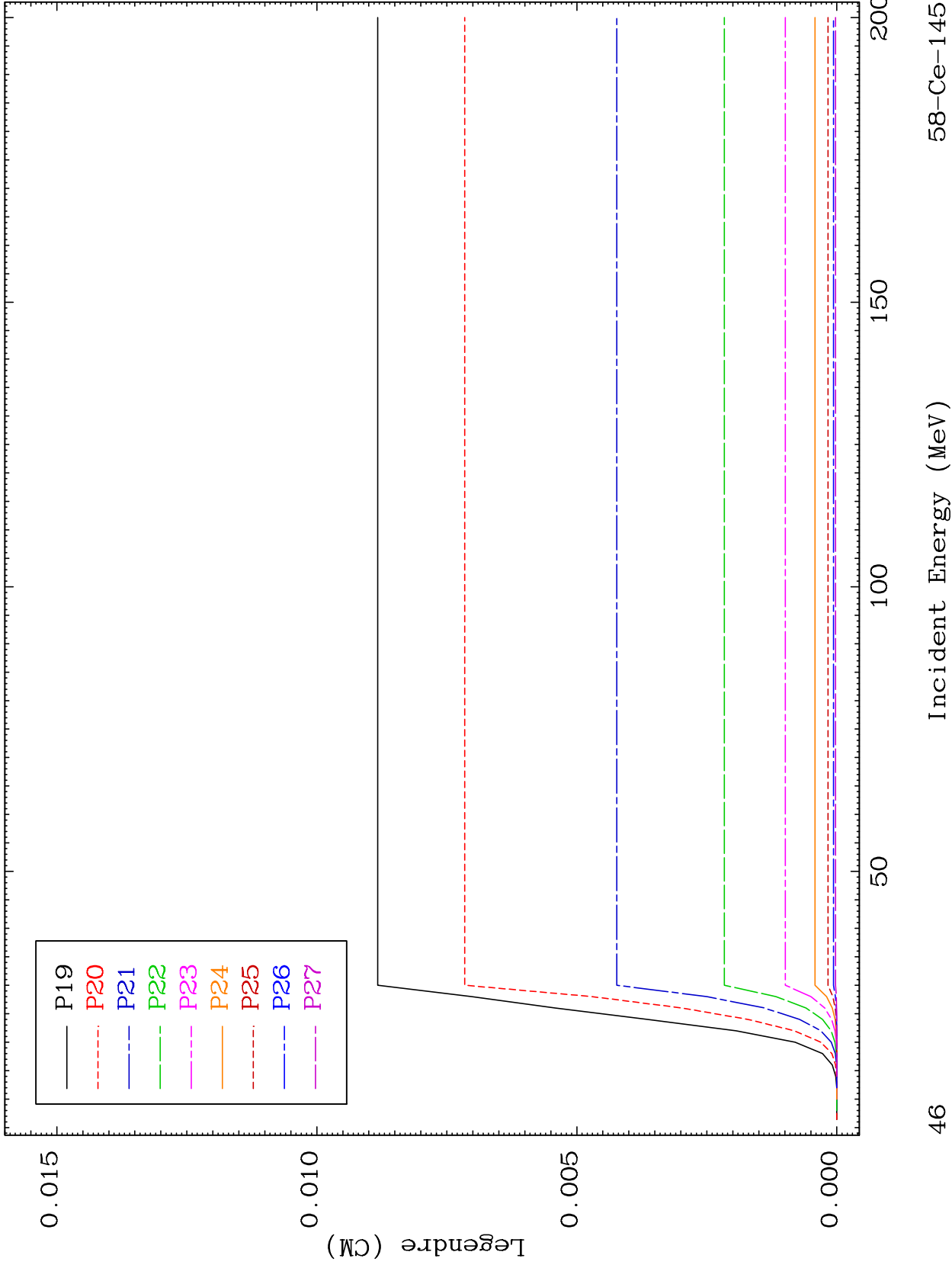
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



46

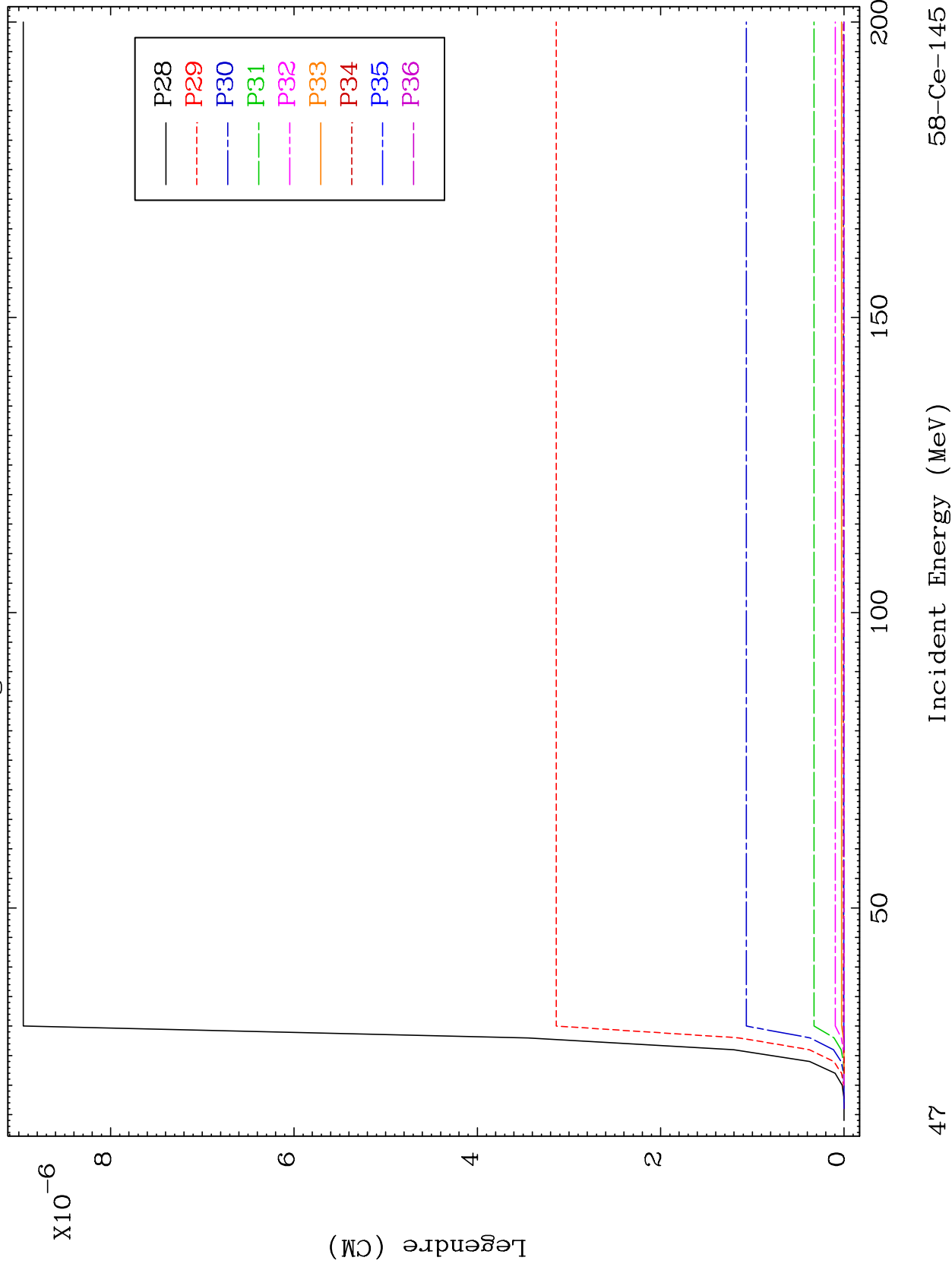
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



47

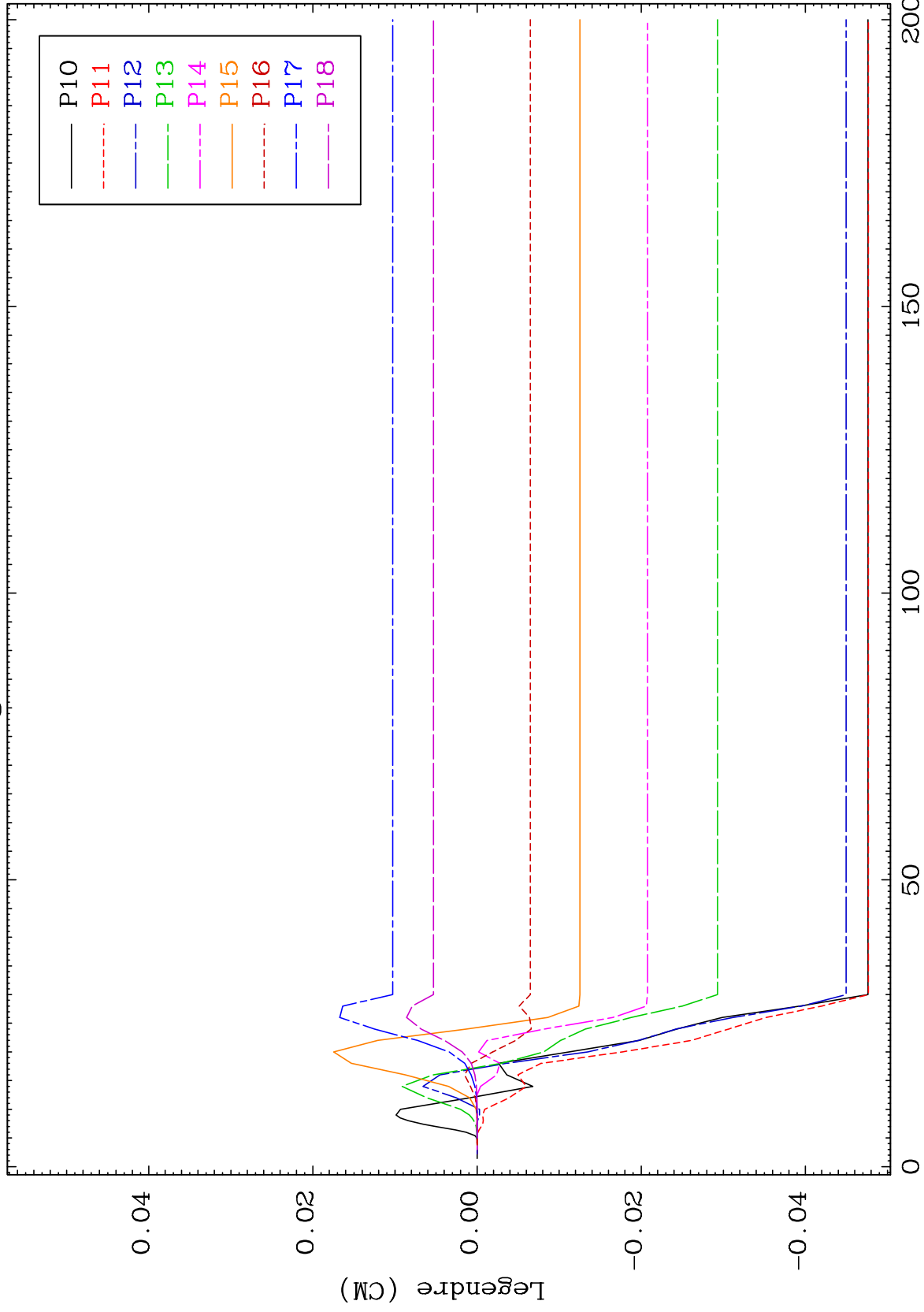
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



49

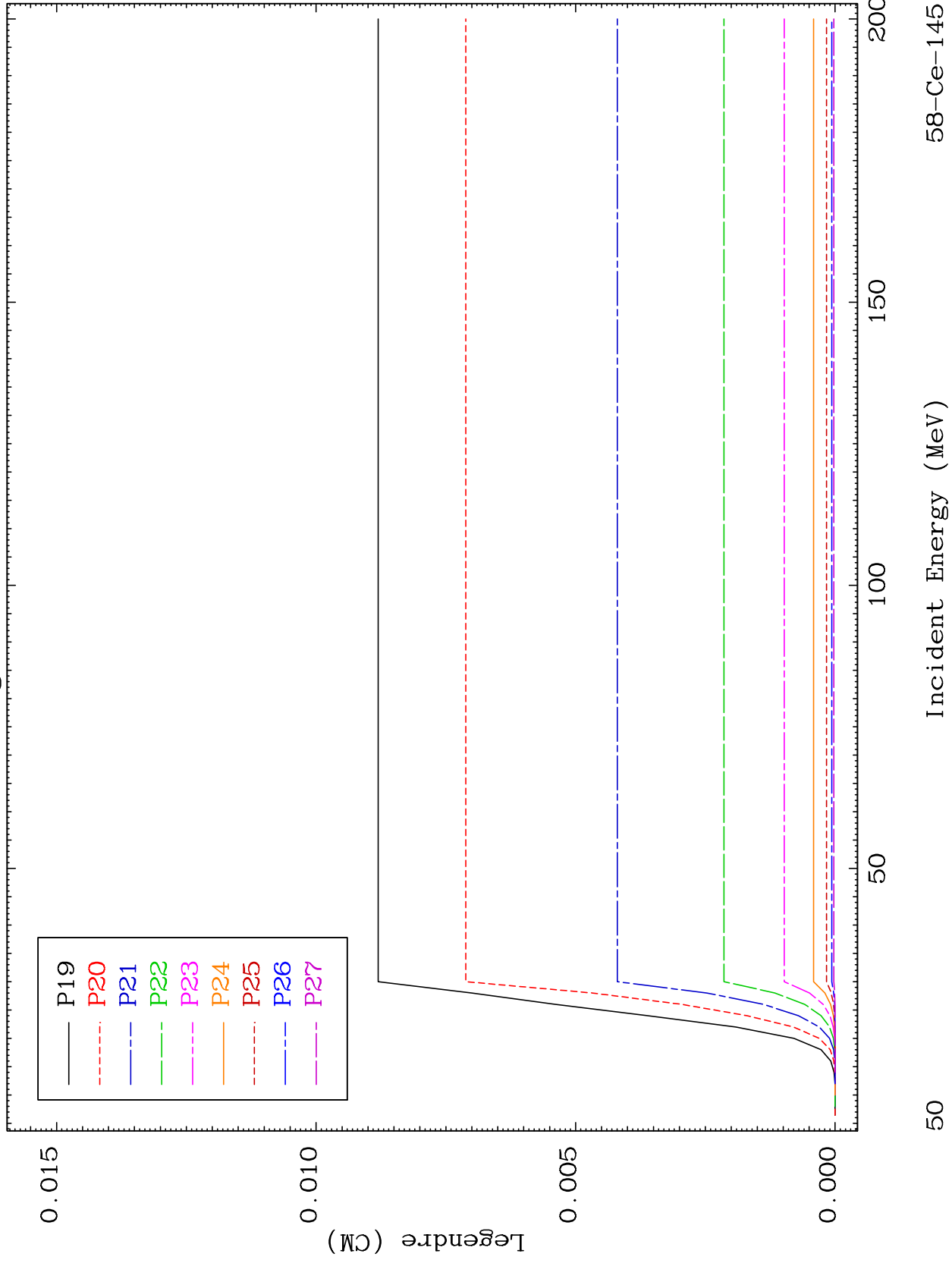
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

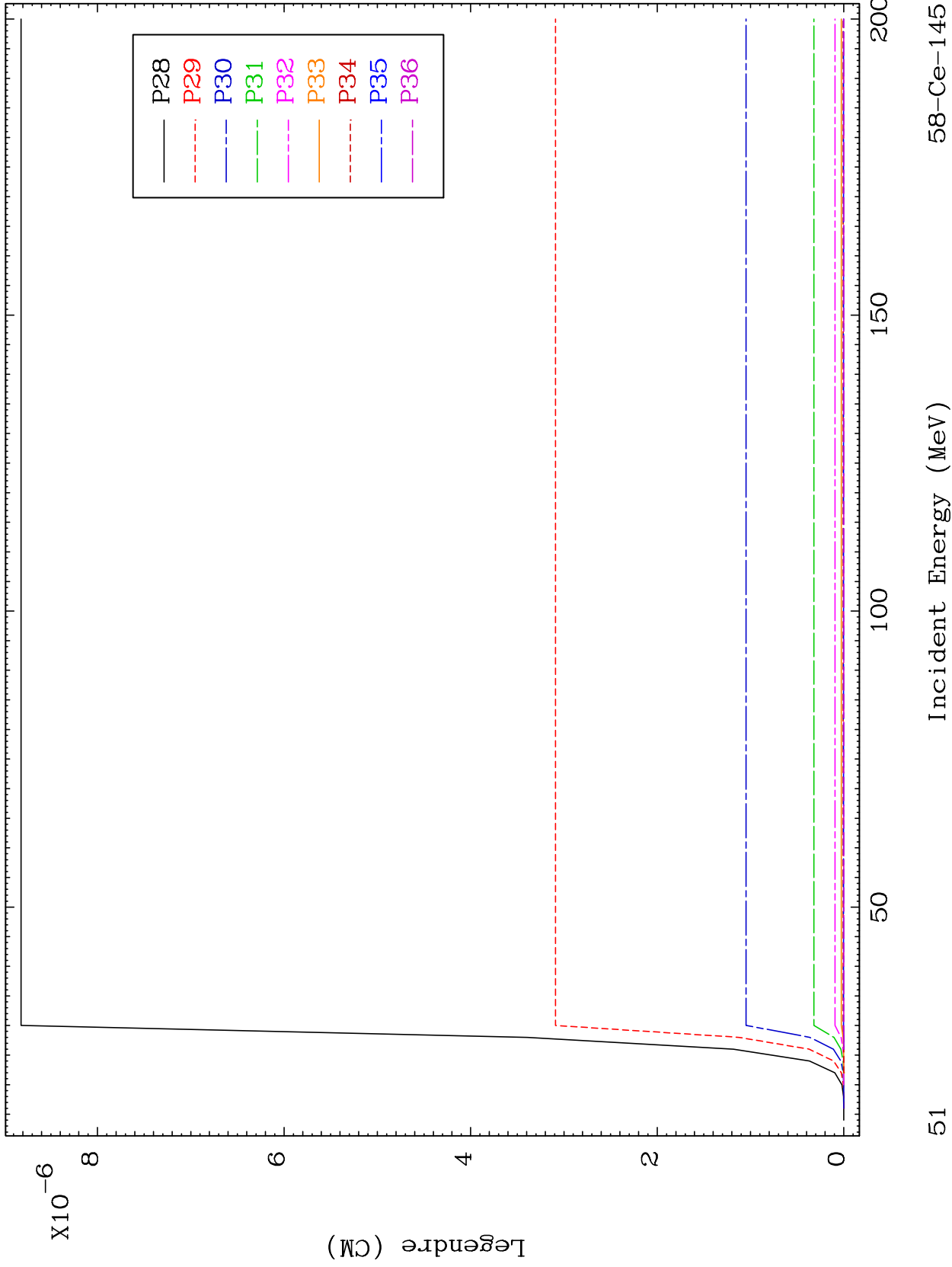
58-Ce-145



MAT 5852

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

58-Ce-145



51

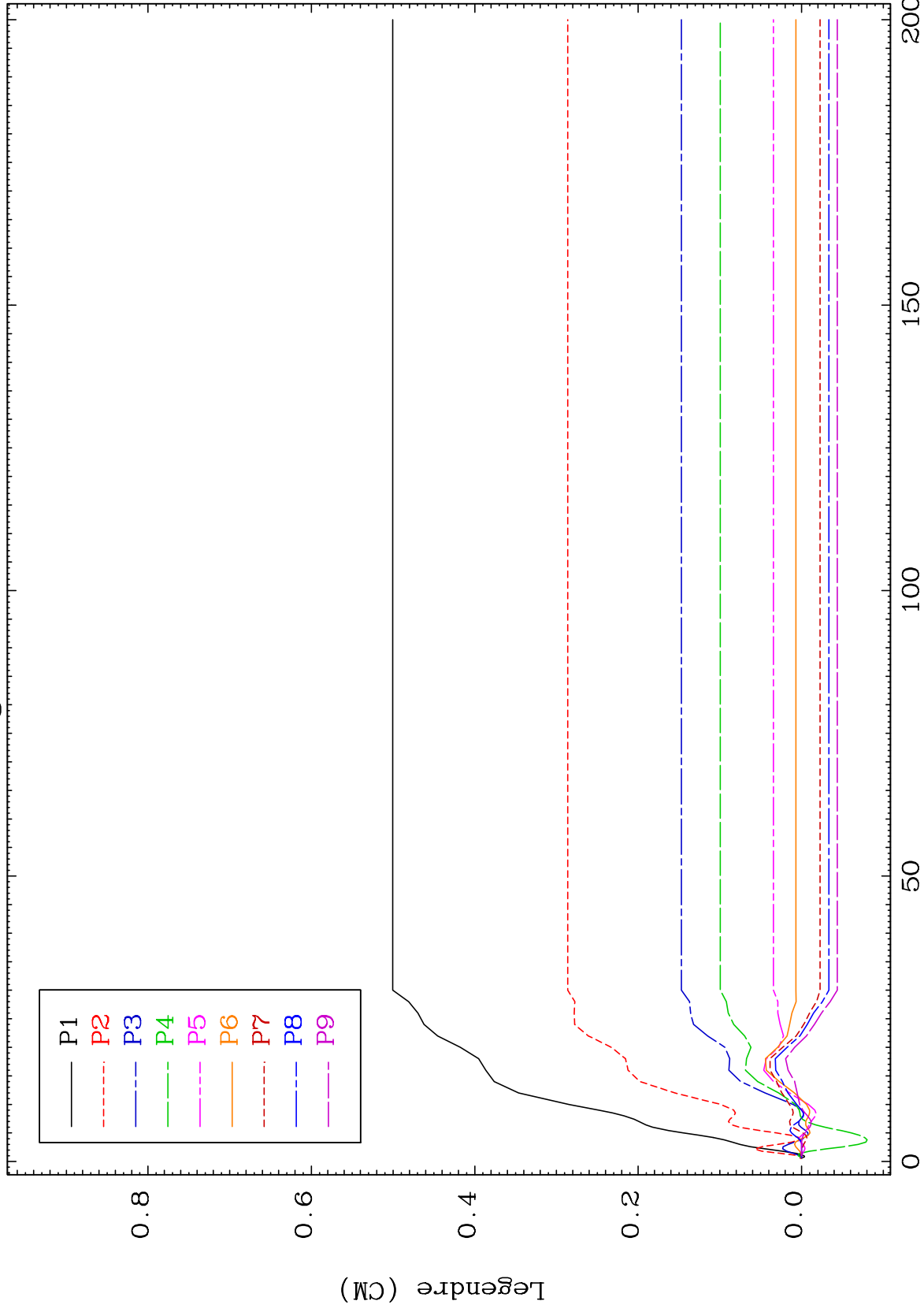
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



58-Ce-145

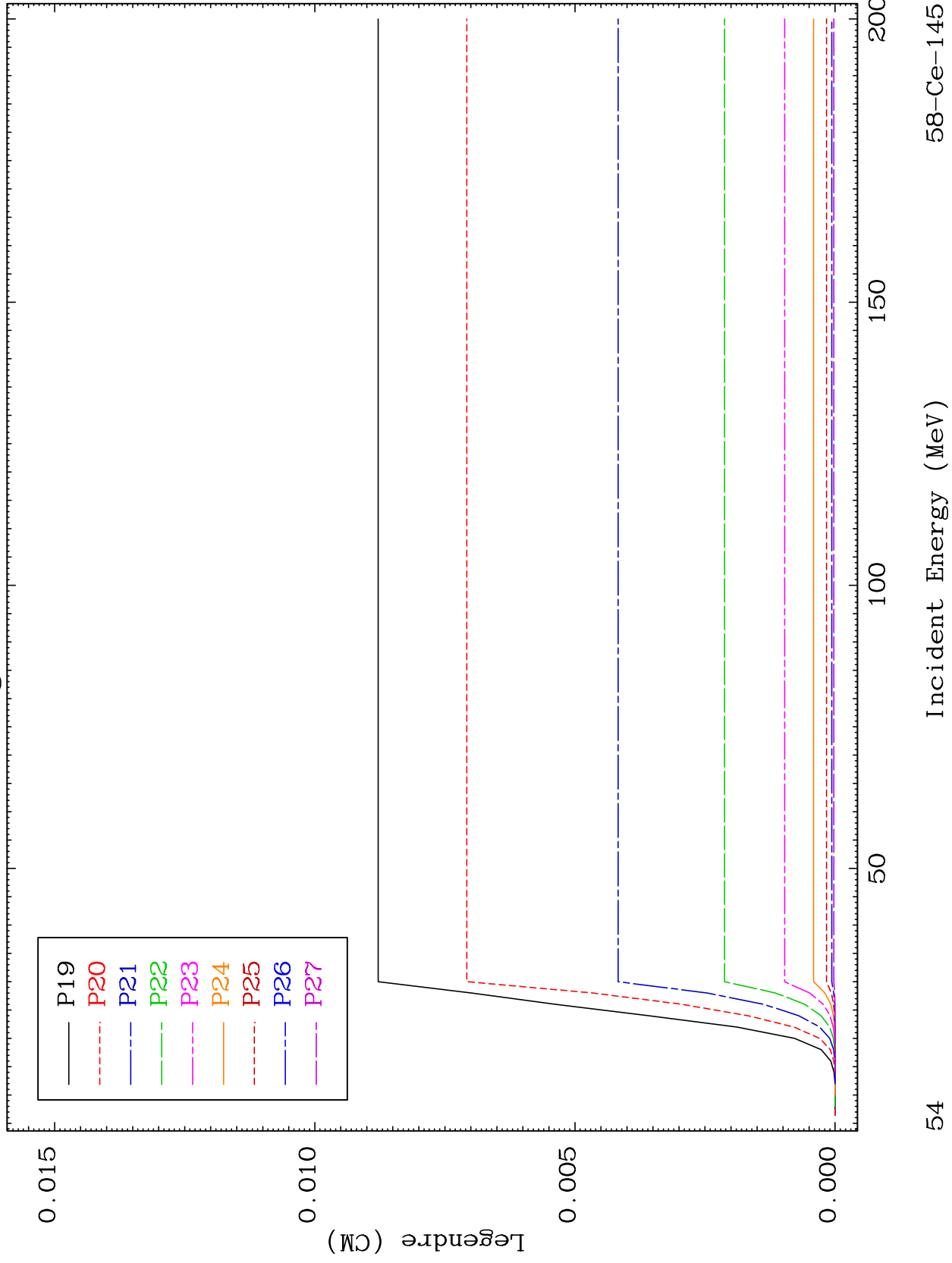
Incident Energy (MeV)

52

MAT 5852

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

58-Ce-145



58-Ce-145

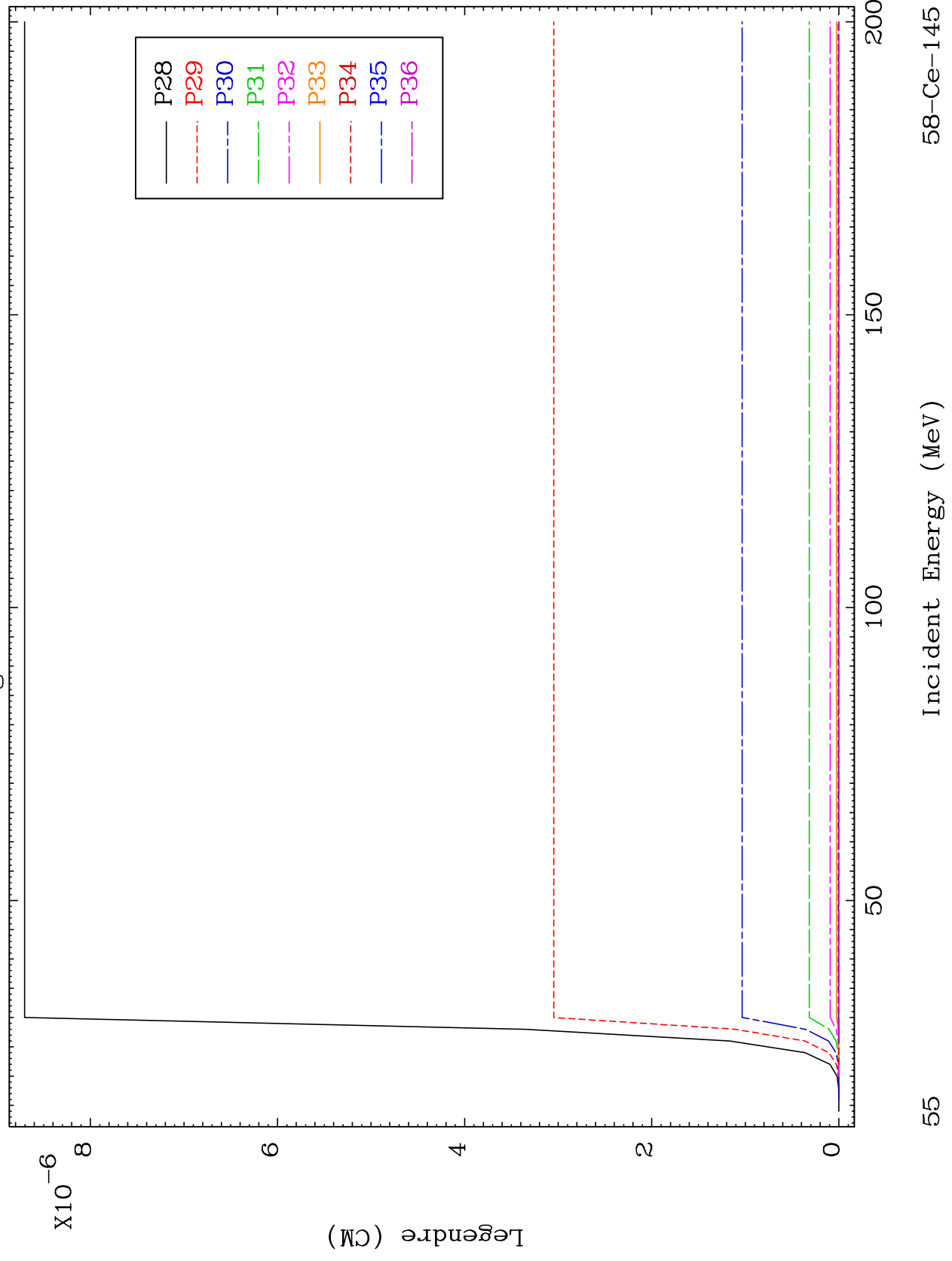
Incident Energy (MeV)

54

MAT 5852

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

58-Ce-145



58-Ce-145

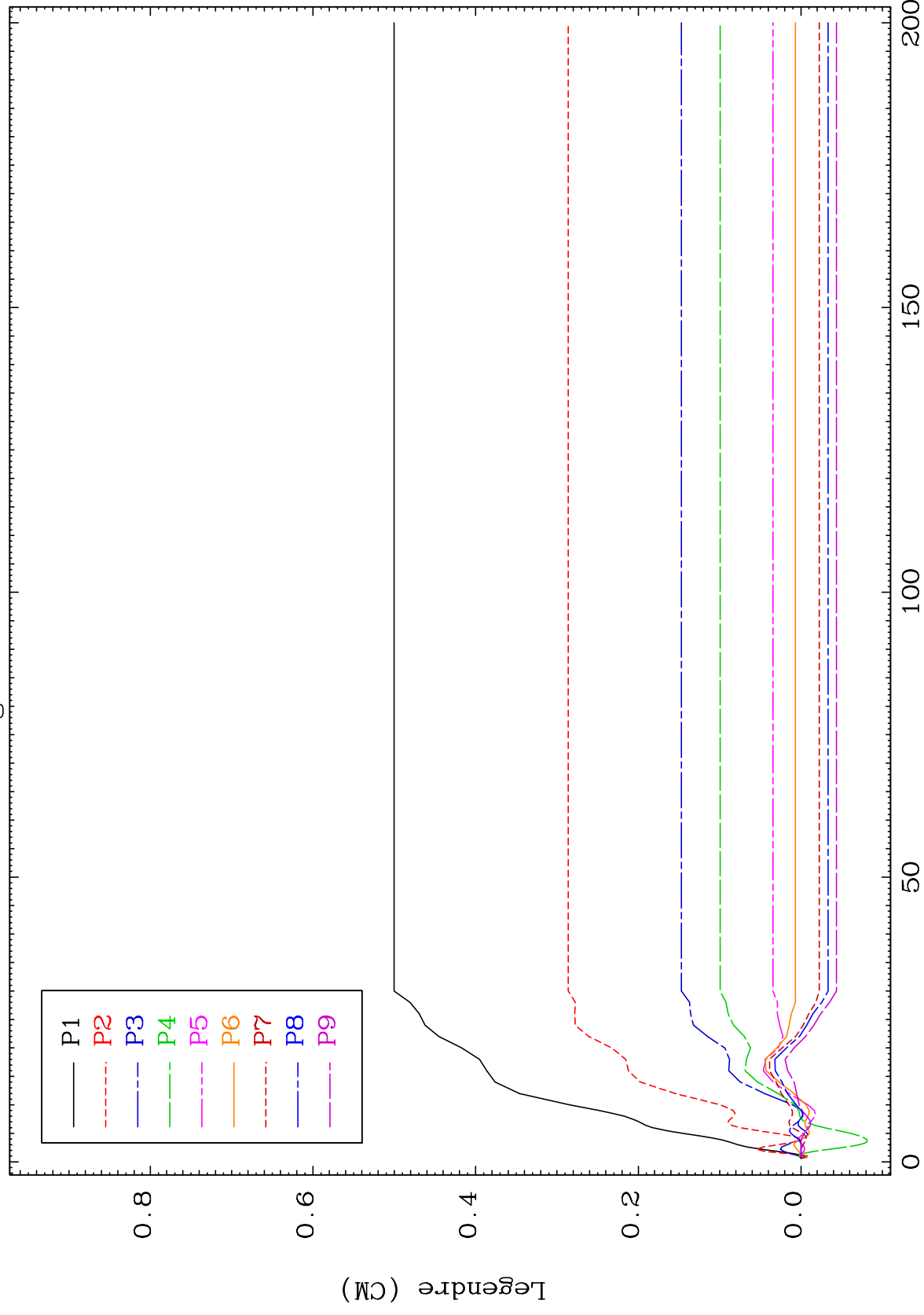
Incident Energy (MeV)

55

MAT 5852

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

58-Ce-145



56

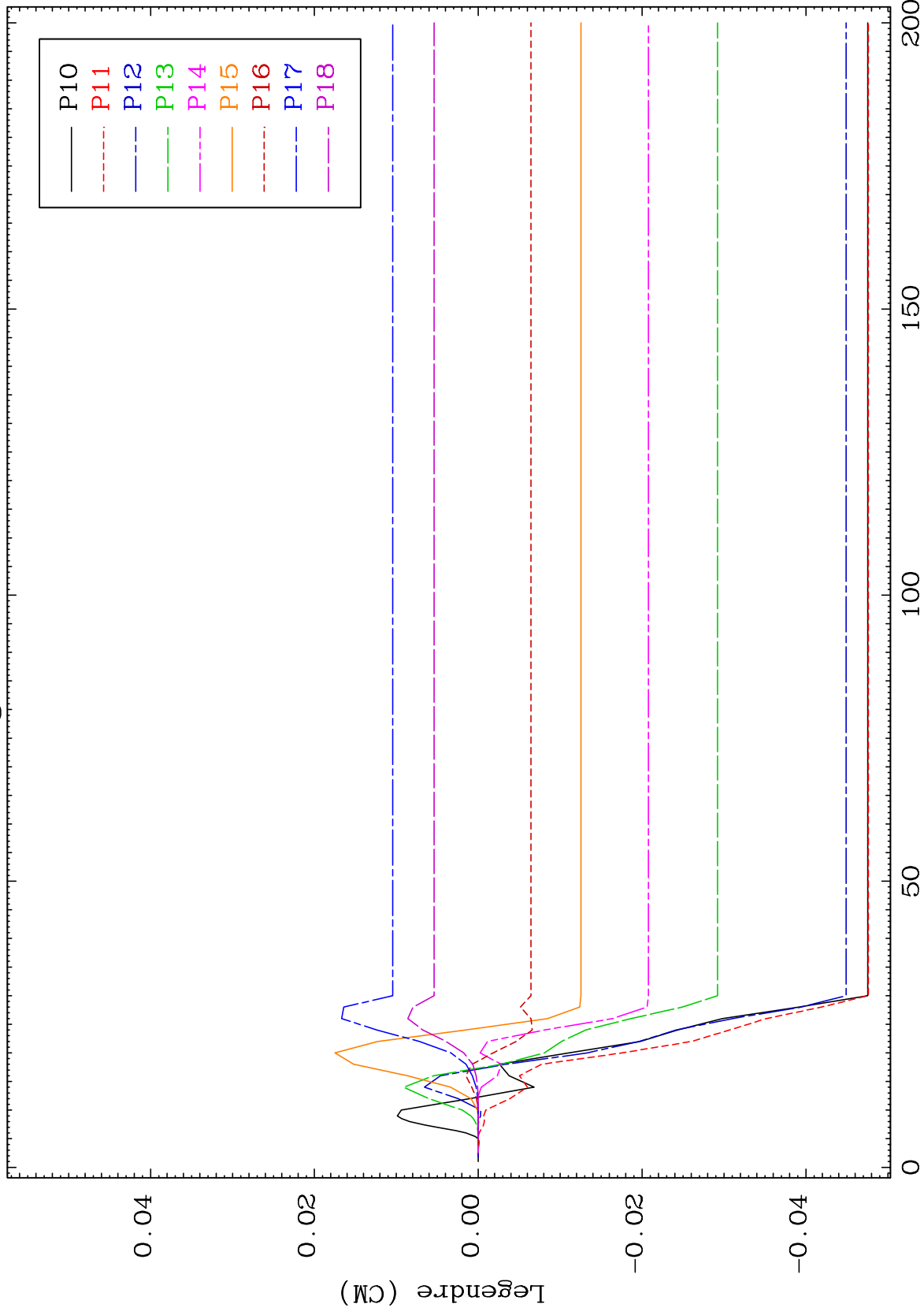
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



57

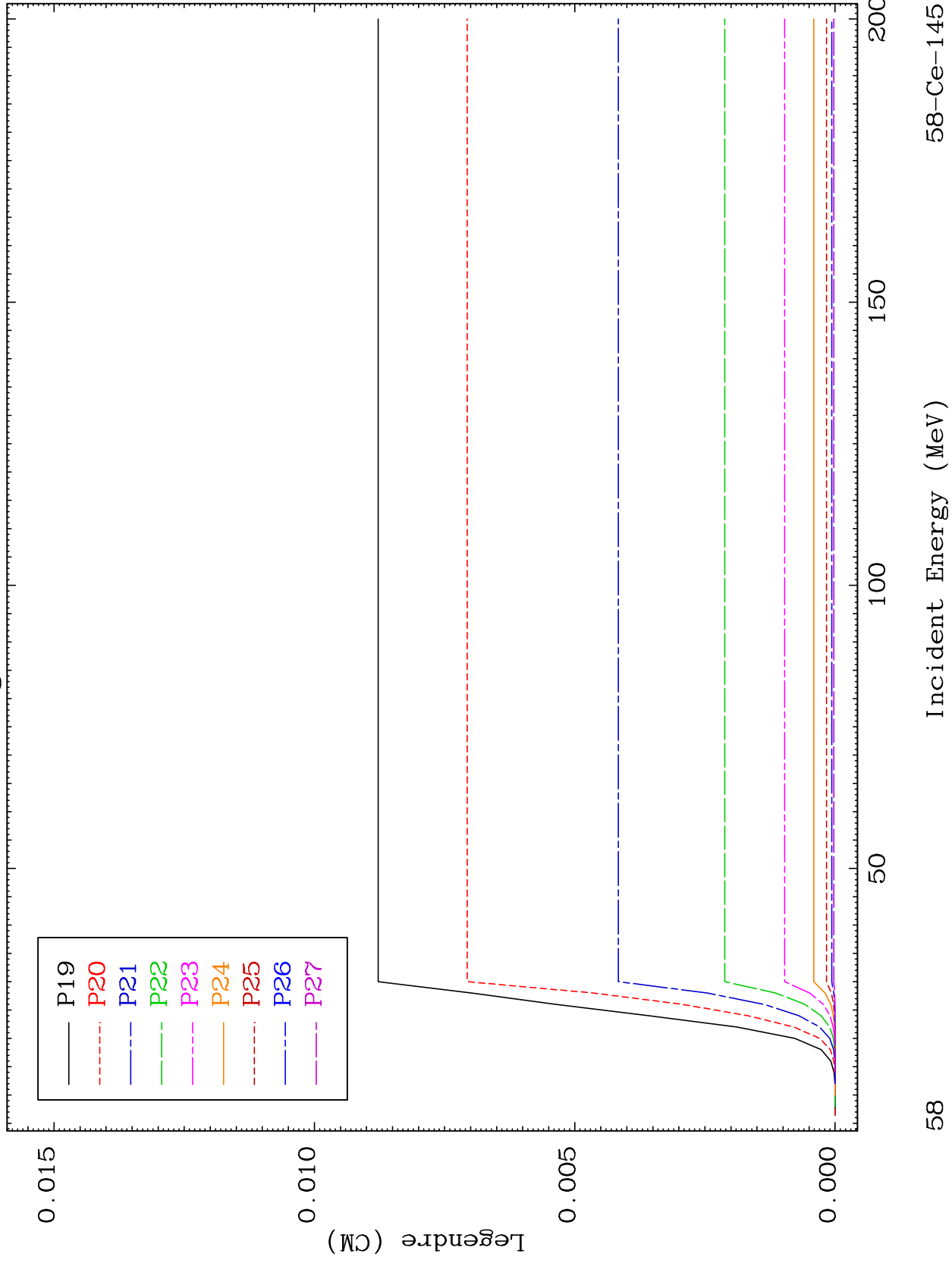
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



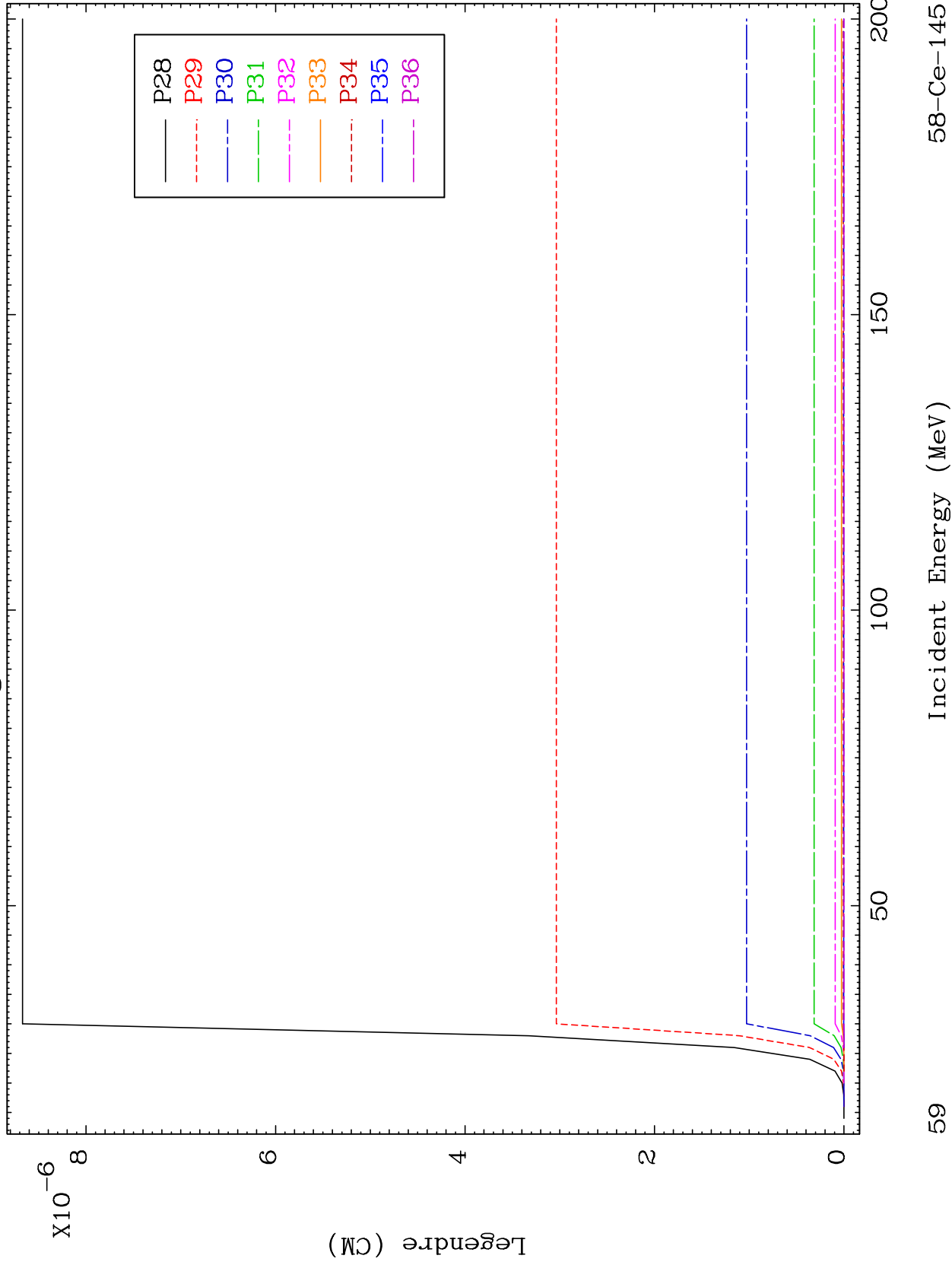
58

58-Ce-145

MAT 5852

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

58-Ce-145



59

Incident Energy (MeV)

58-Ce-145

200

150

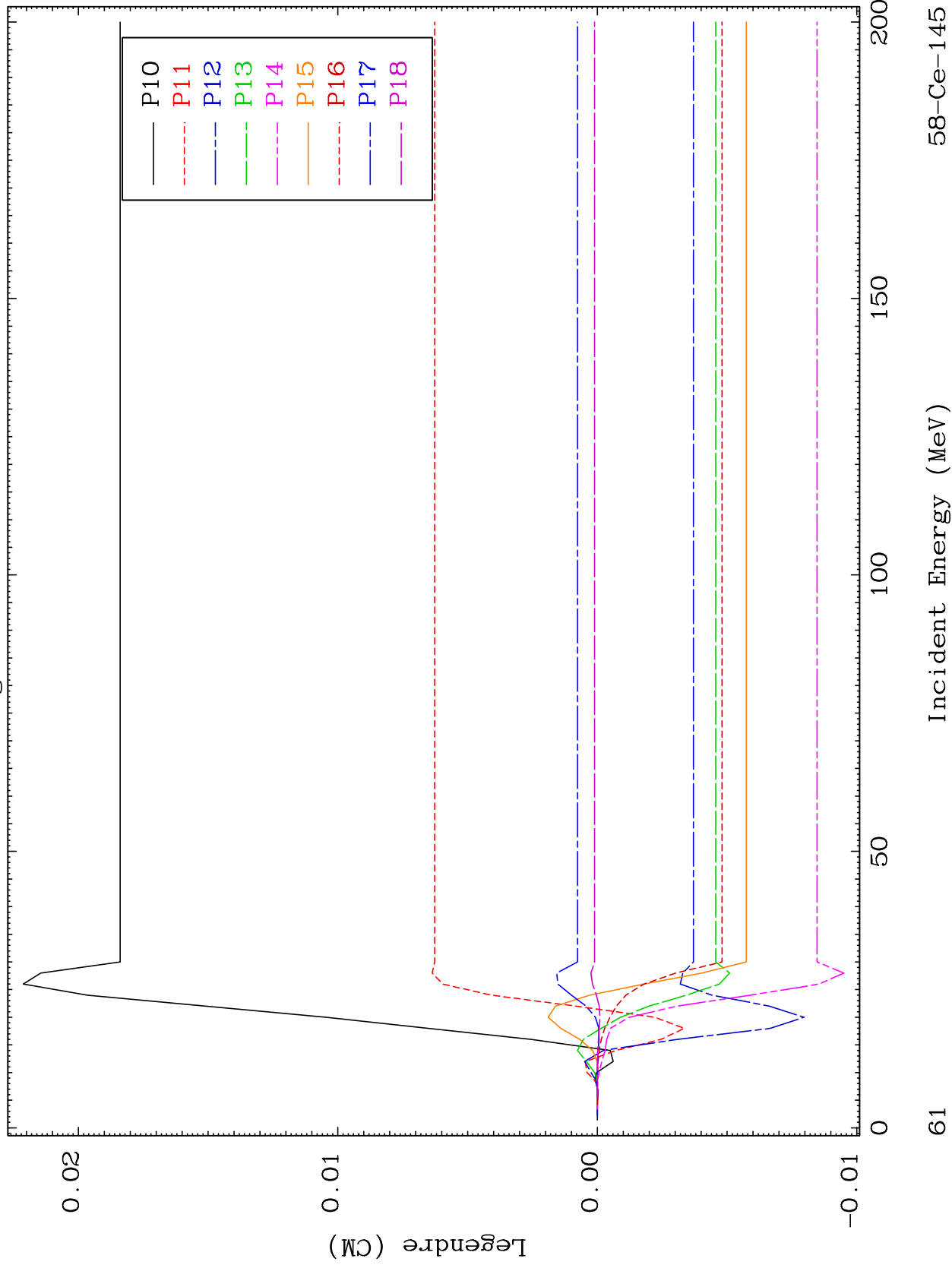
100

50

MAT 5852

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

58-Ce-145



58-Ce-145

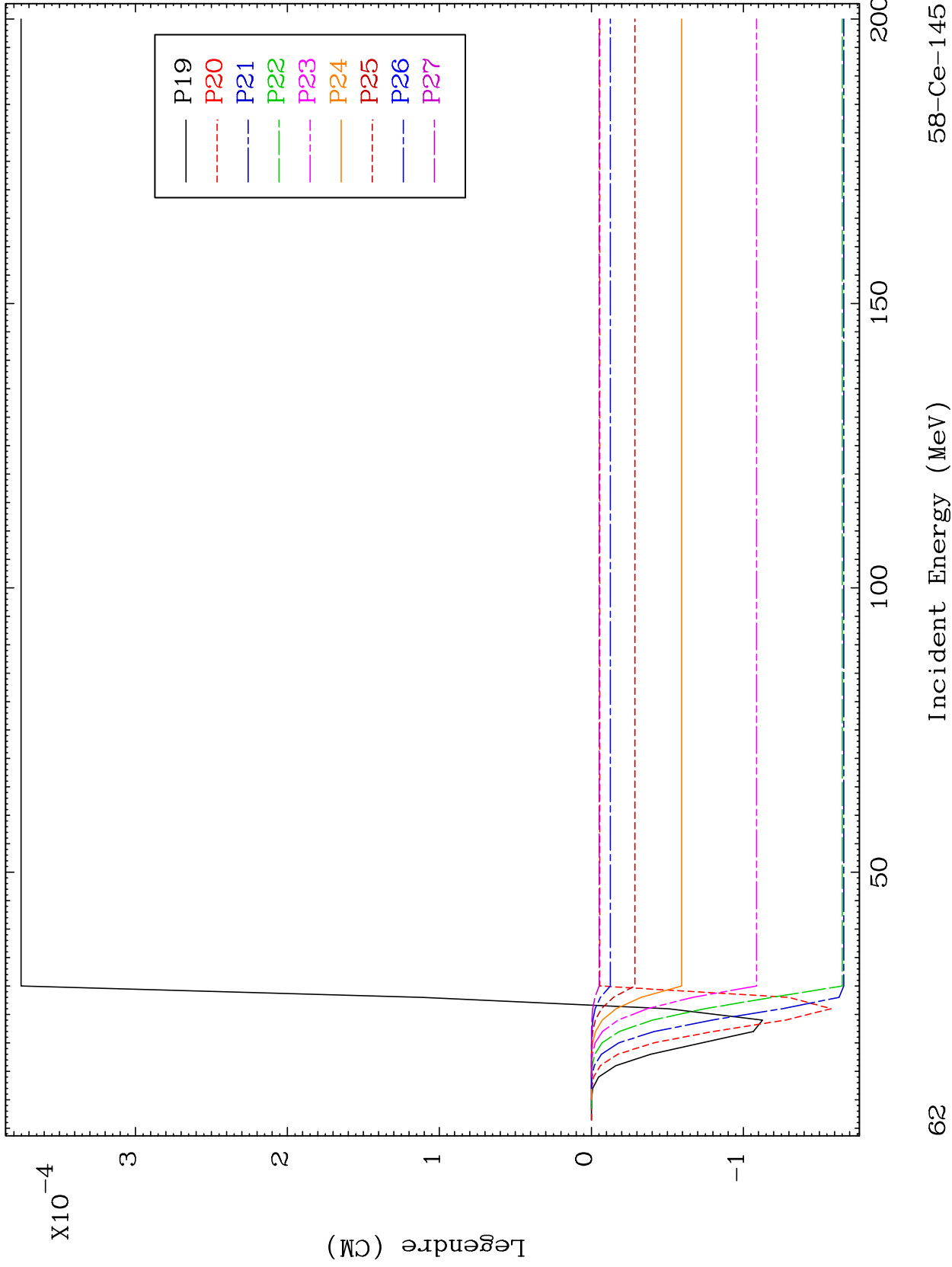
Incident Energy (MeV)

61

MAT 5852

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

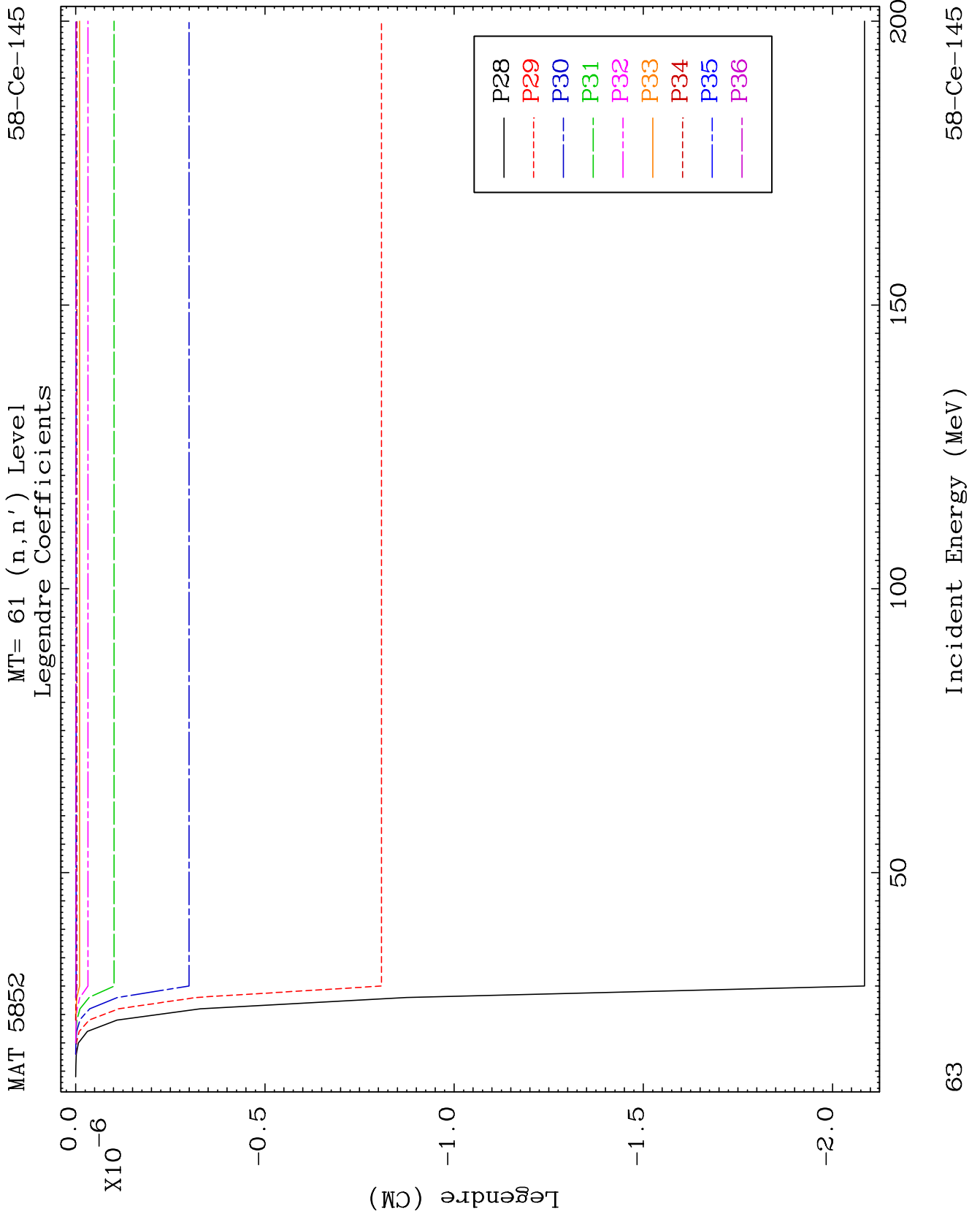
58-Ce-145



62

Incident Energy (MeV)

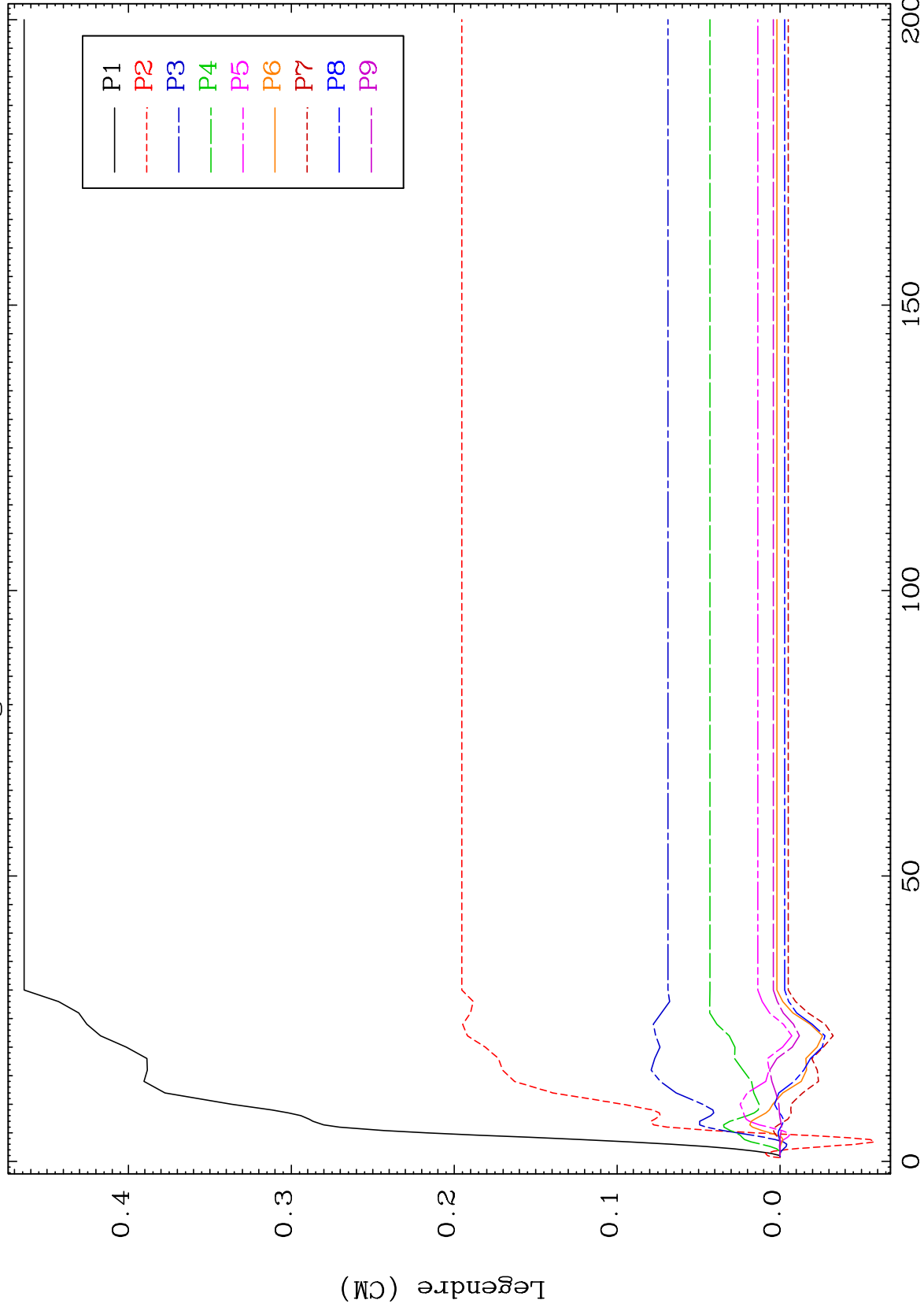
58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

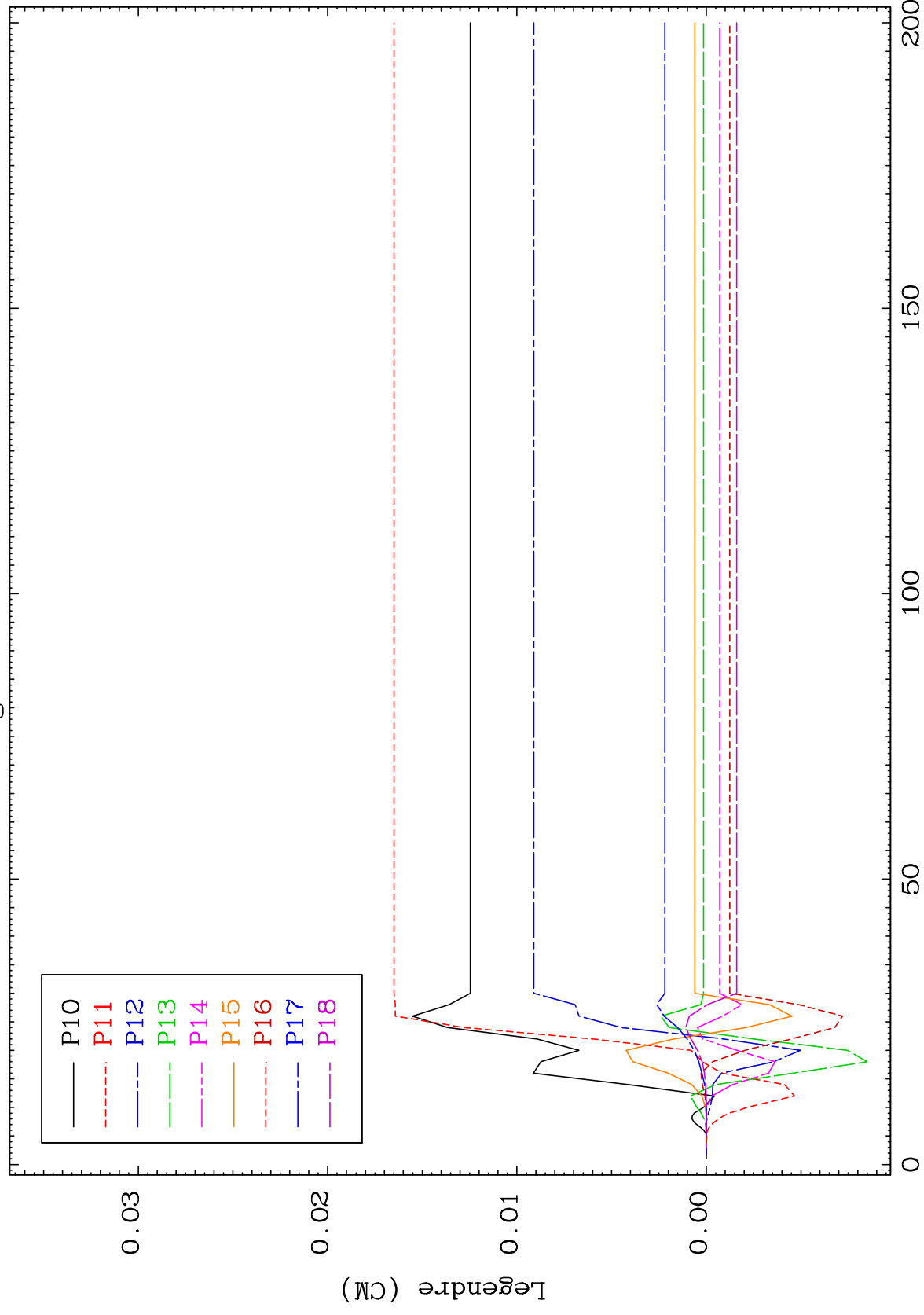
Incident Energy (MeV)

64

MAT 5852

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

58-Ce-145



58-Ce-145

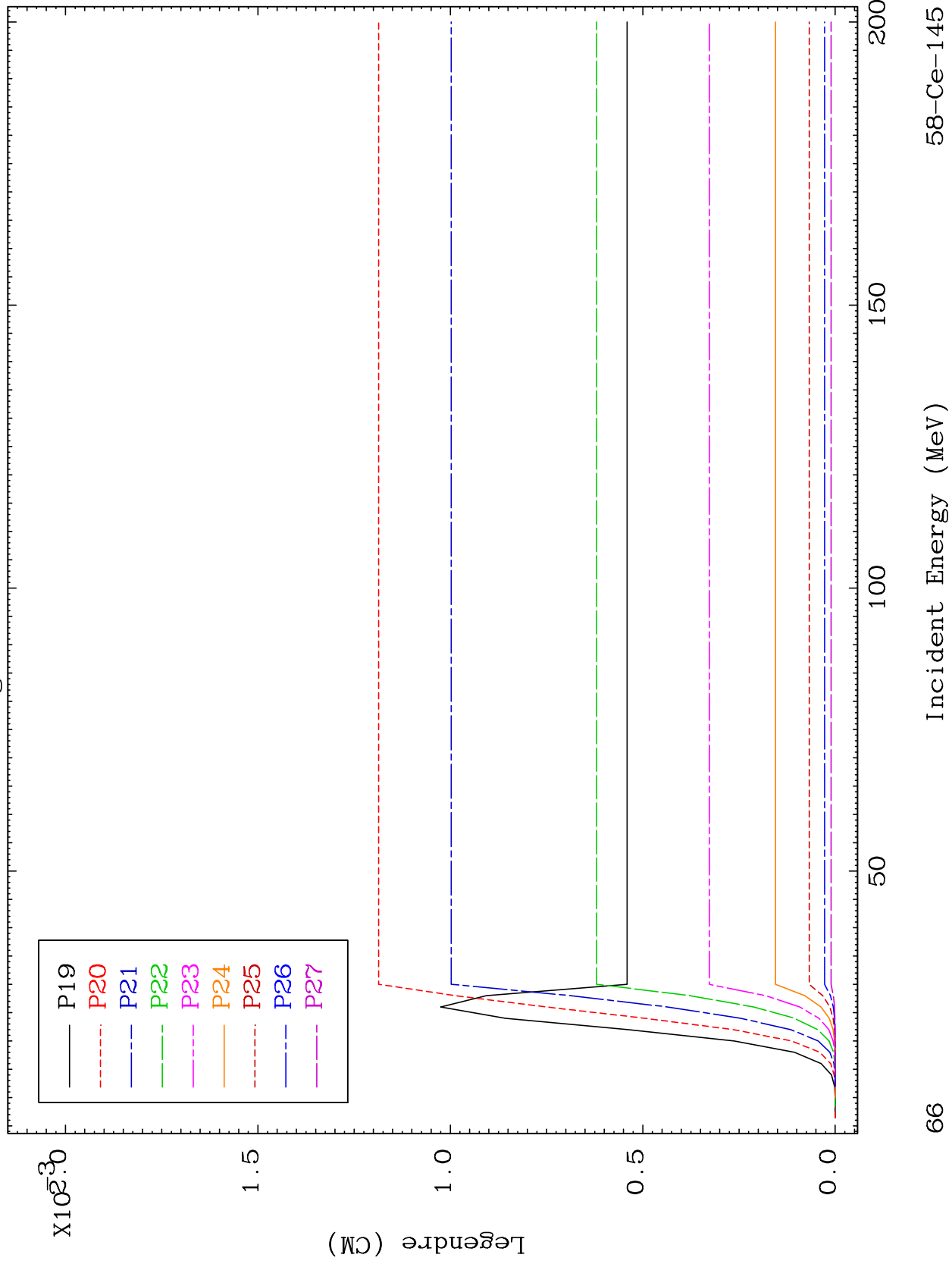
Incident Energy (MeV)

65

MAT 5852

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

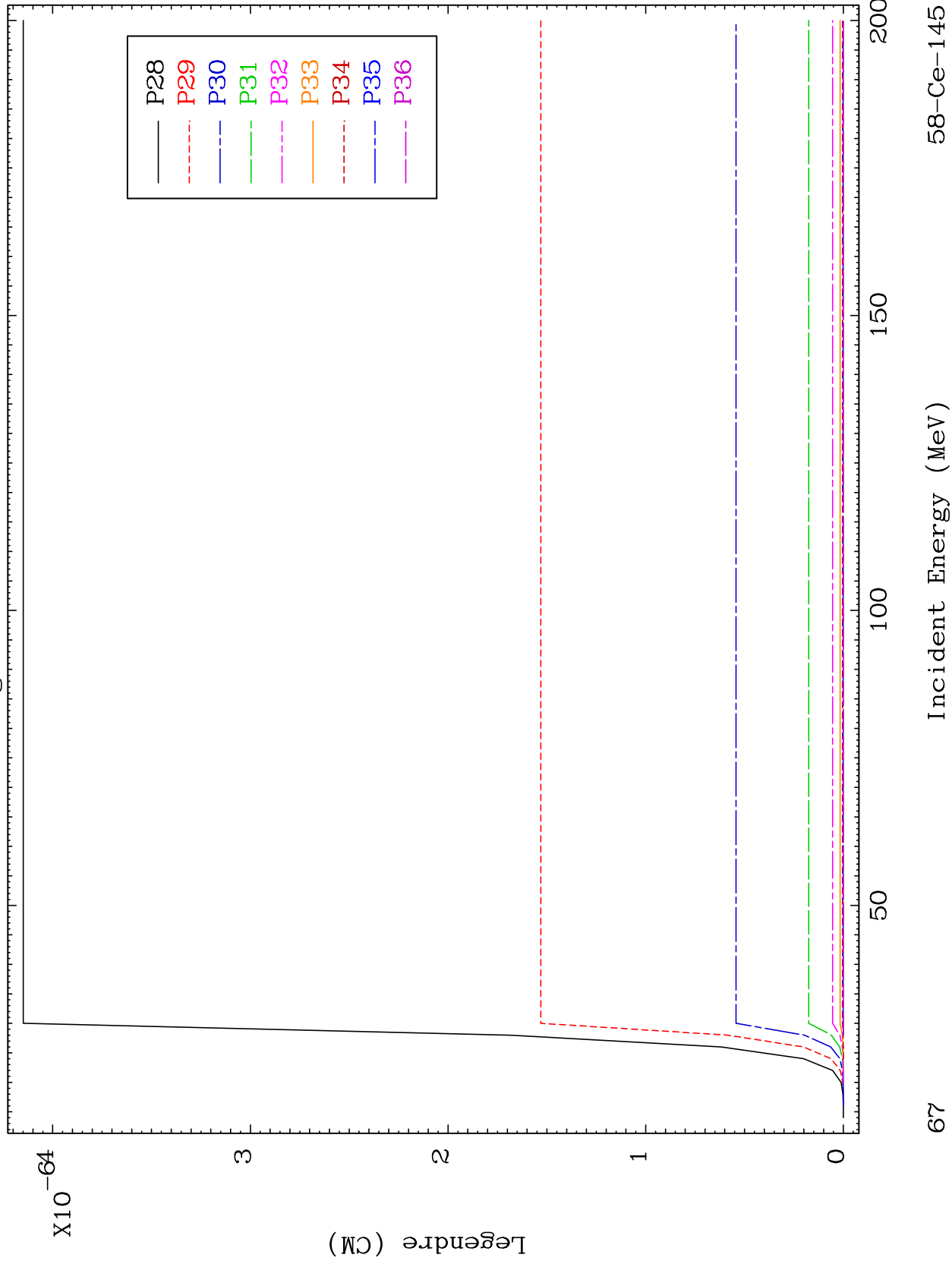
58-Ce-145

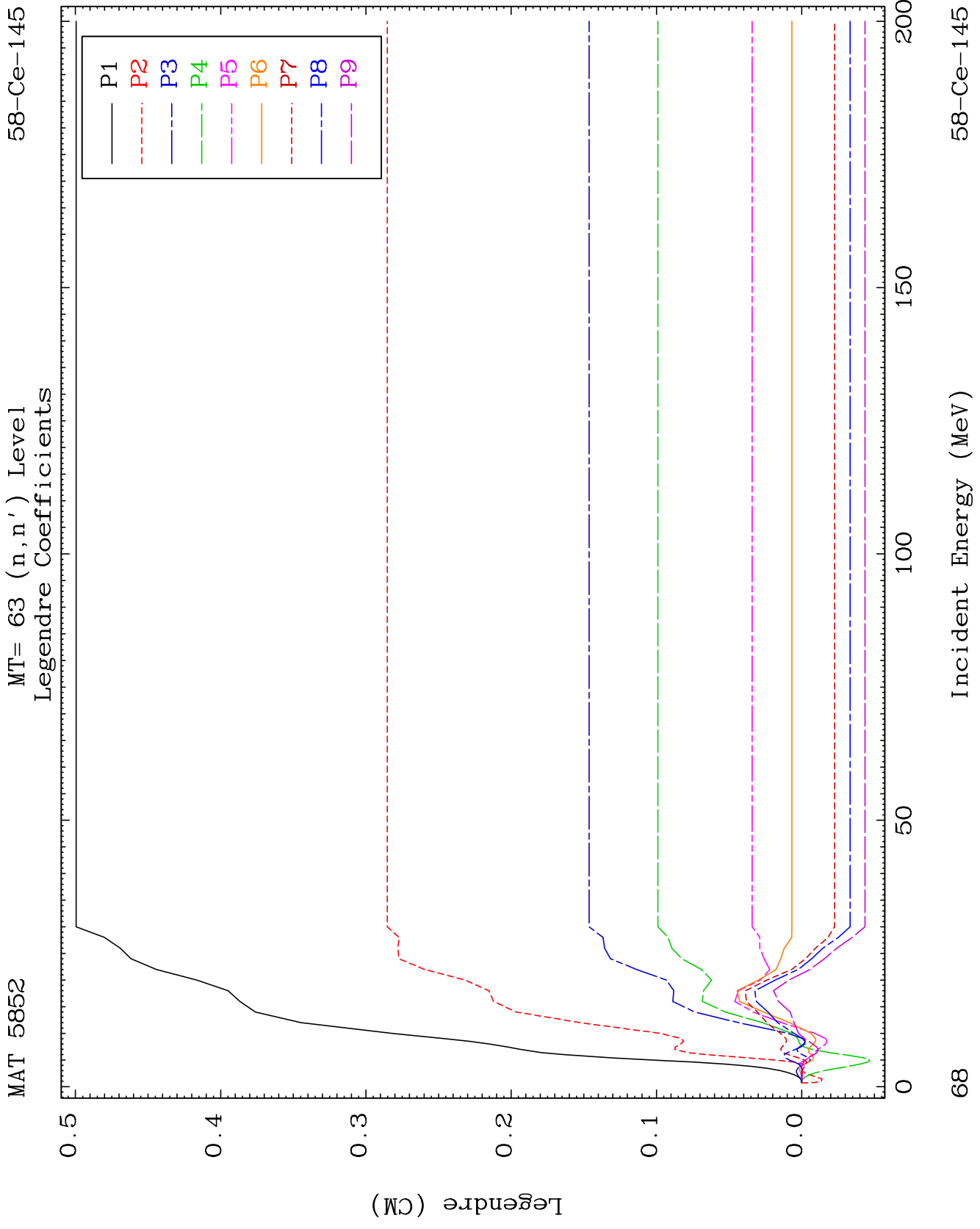


MAT 5852

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

58-Ce-145

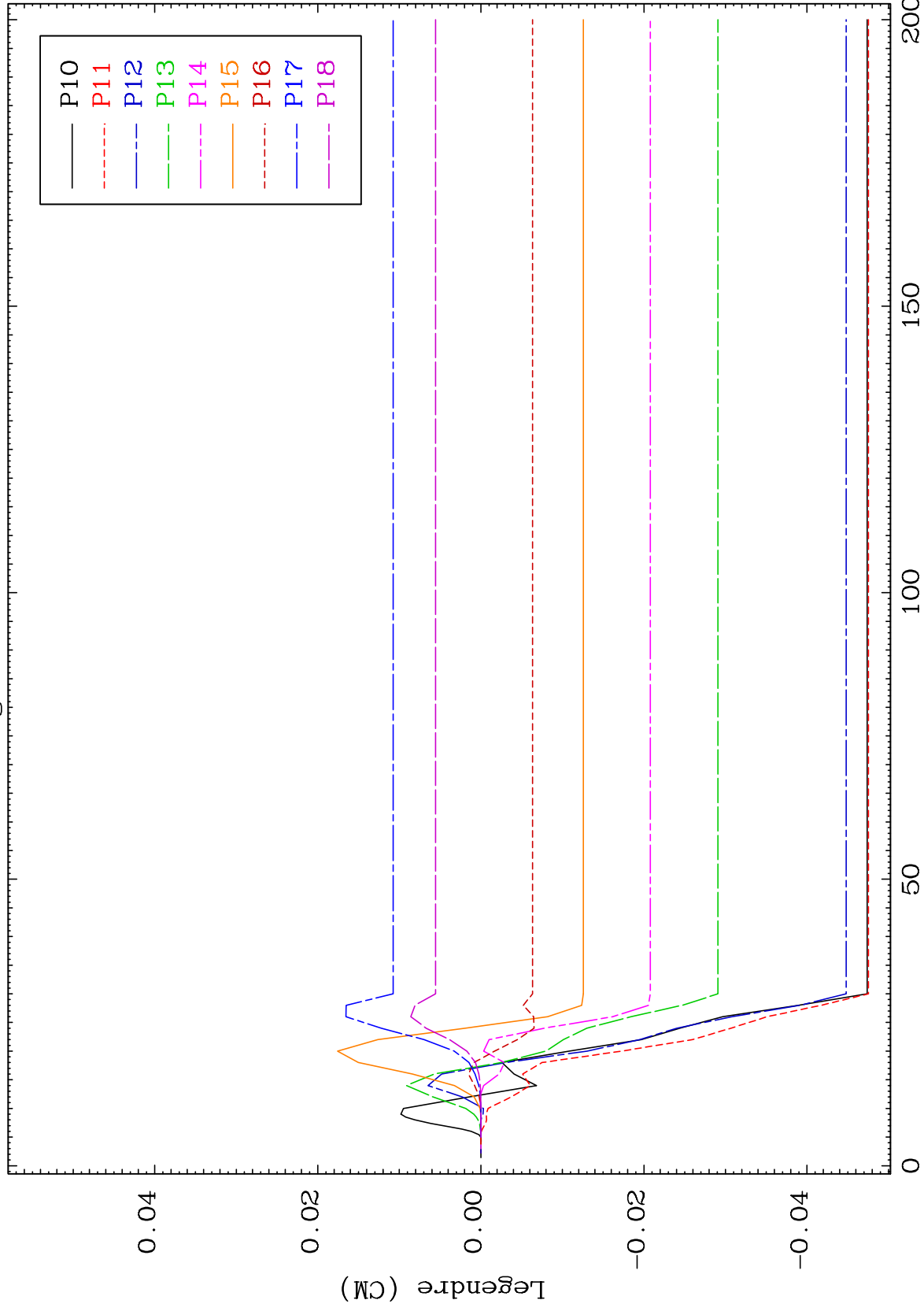




MAT 5852

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

58-Ce-145



69

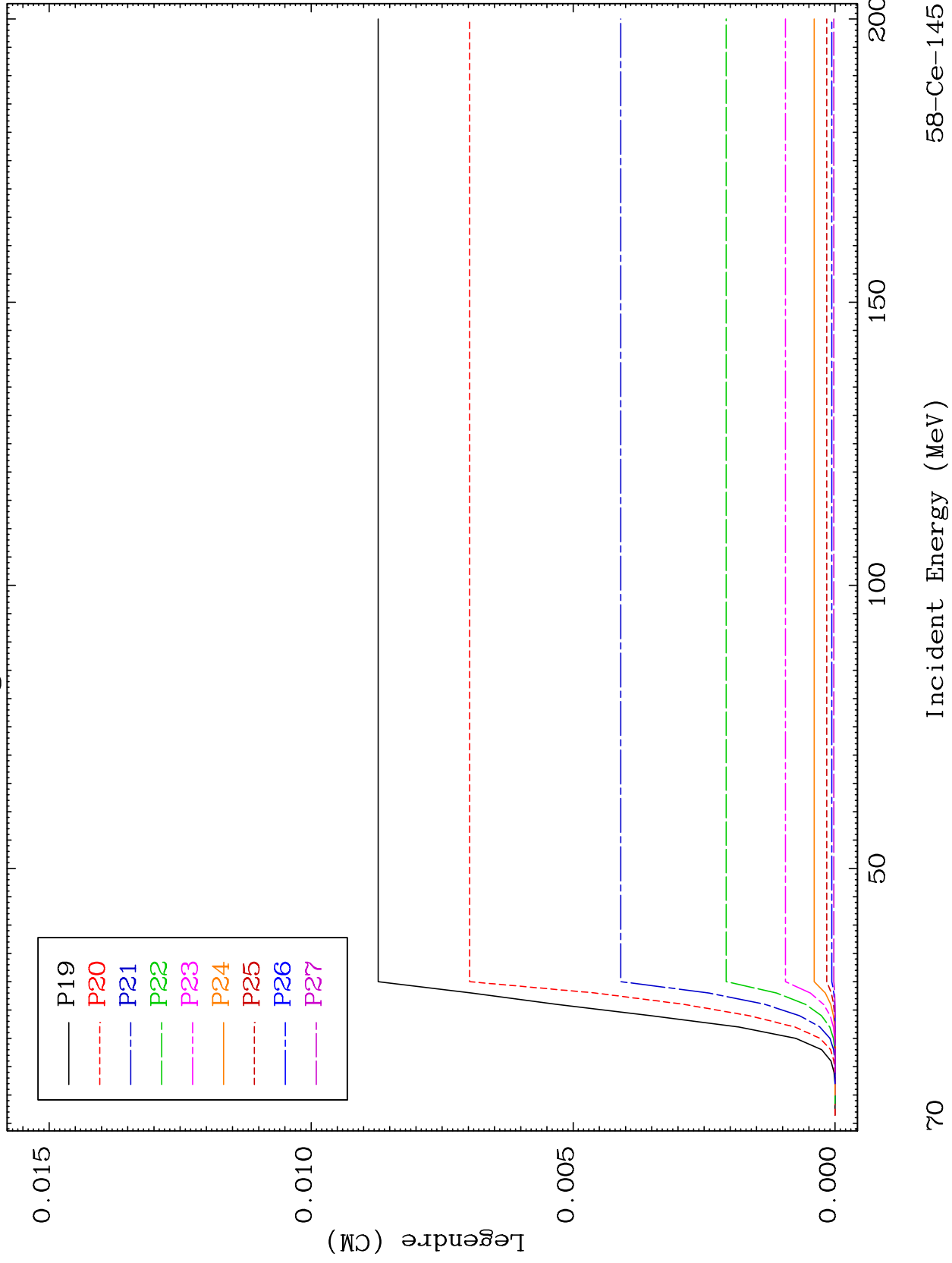
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



70

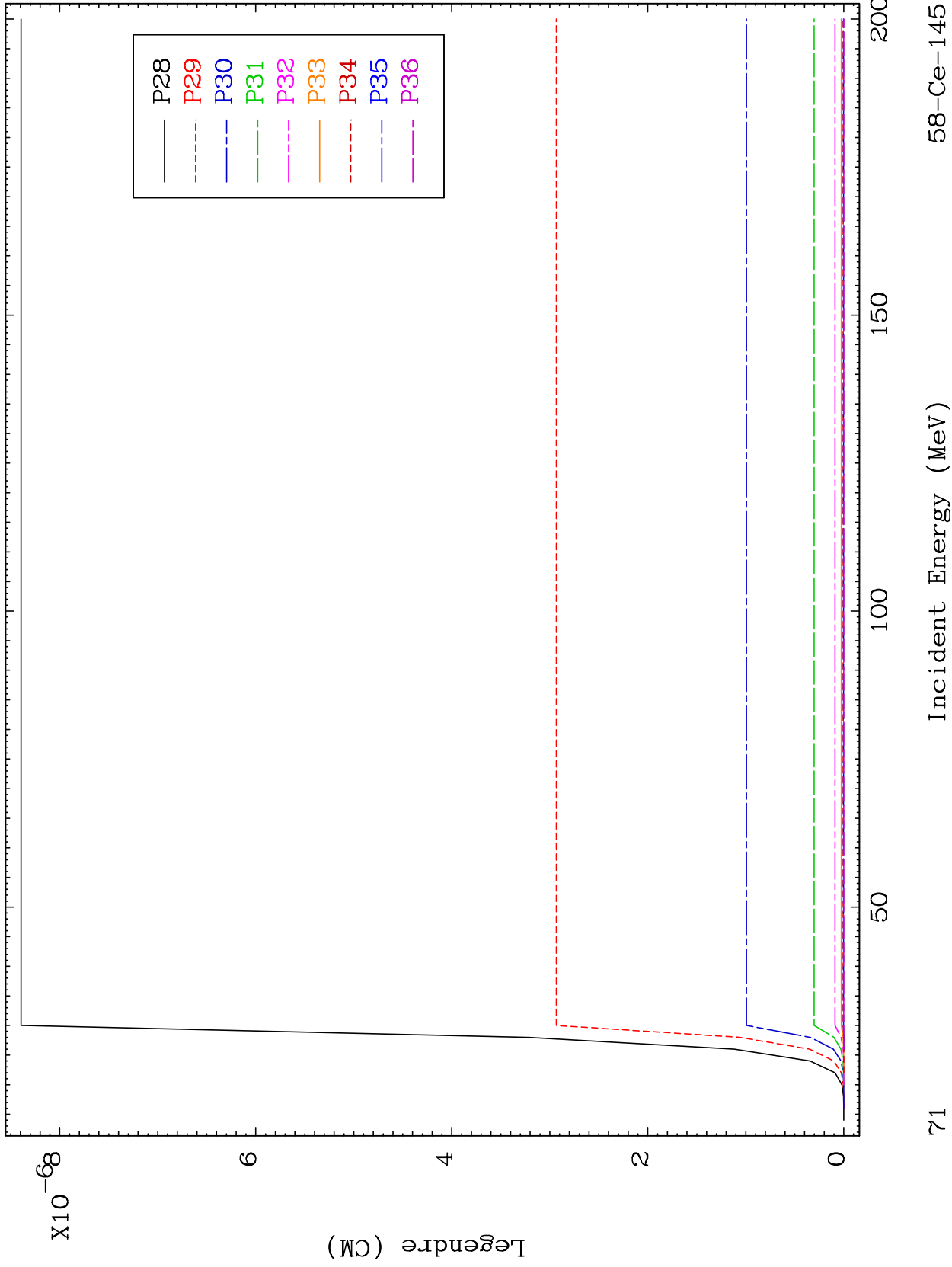
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

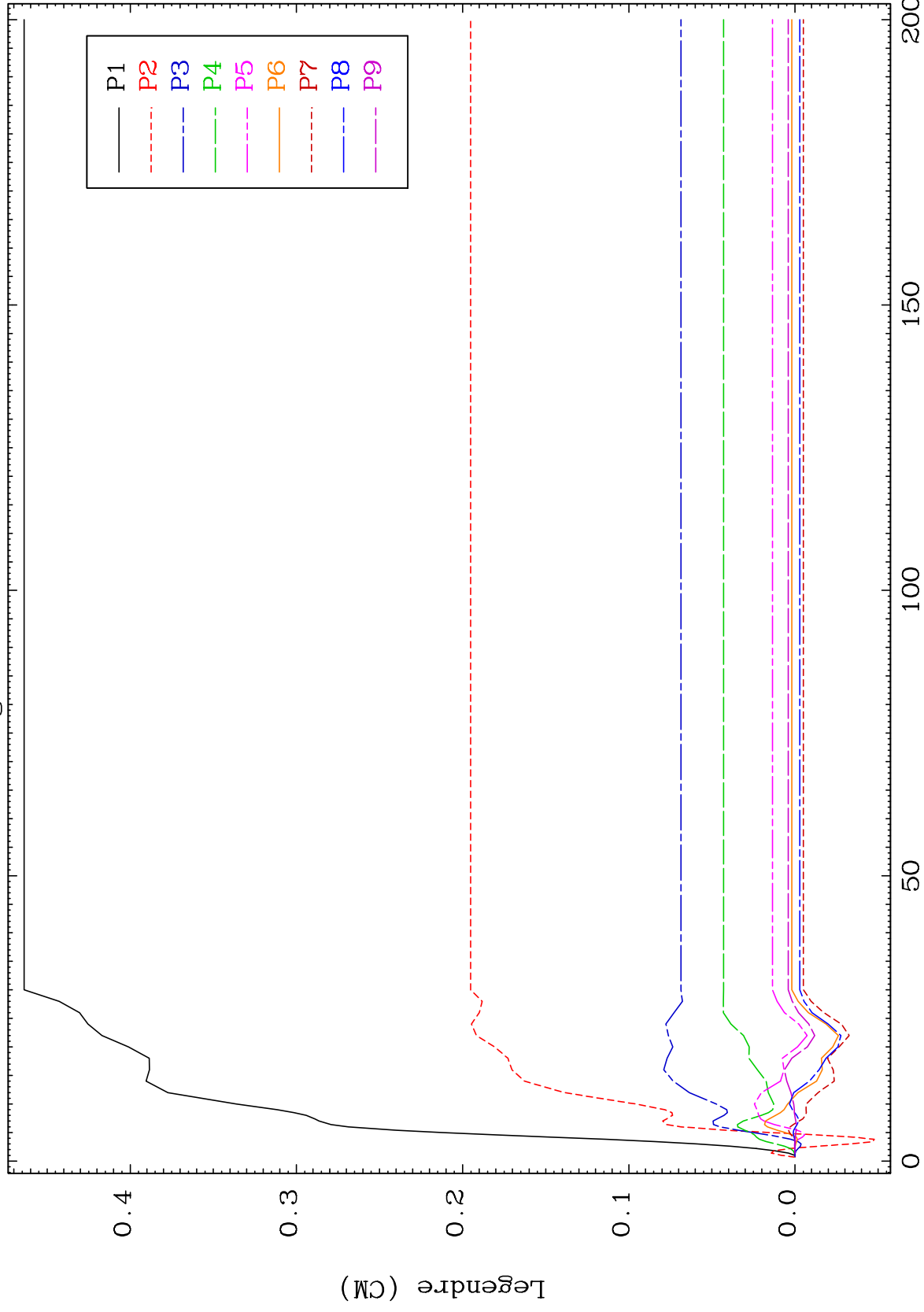
58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

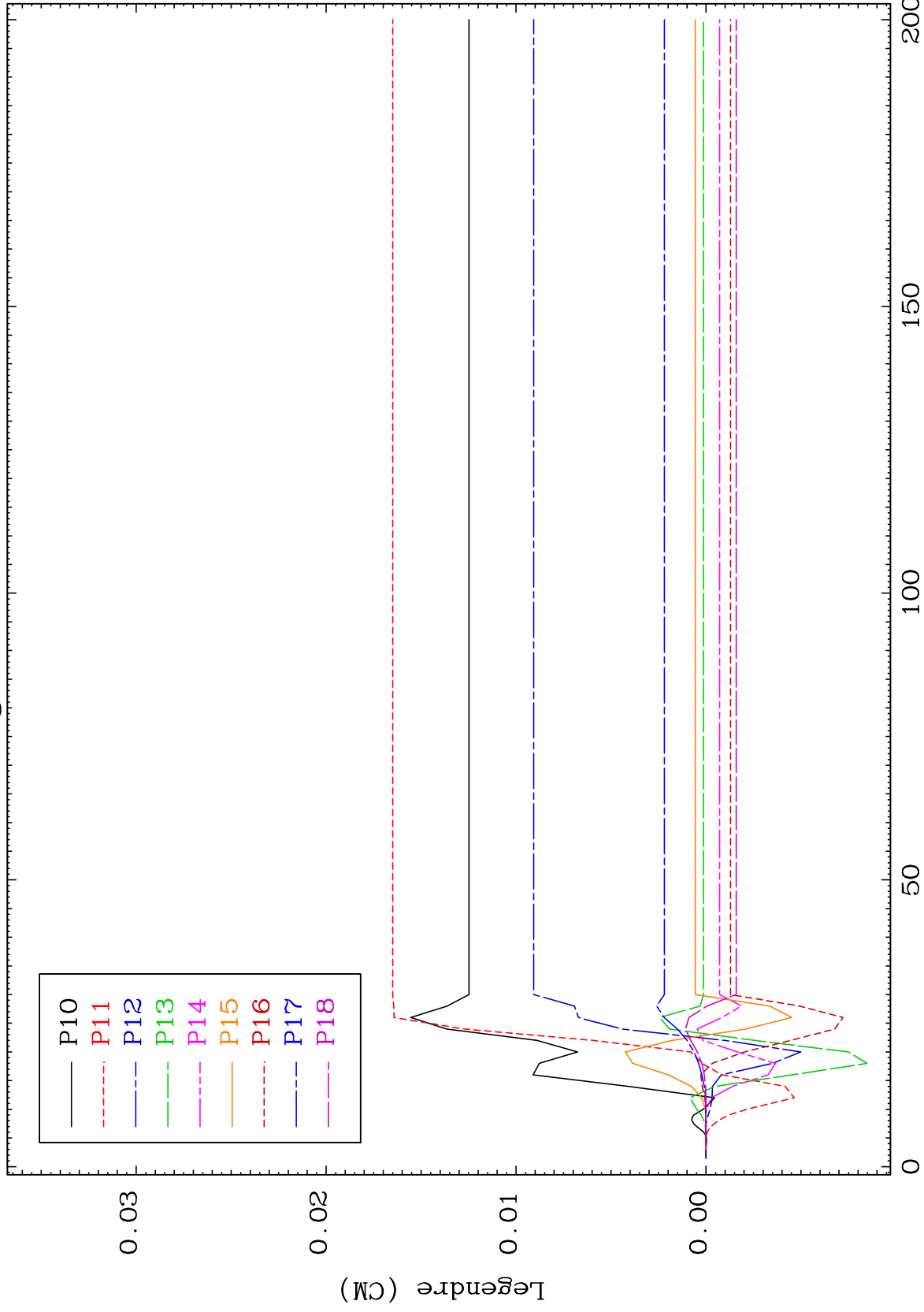
Incident Energy (MeV)

72

MAT 5852

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

58-Ce-145



73

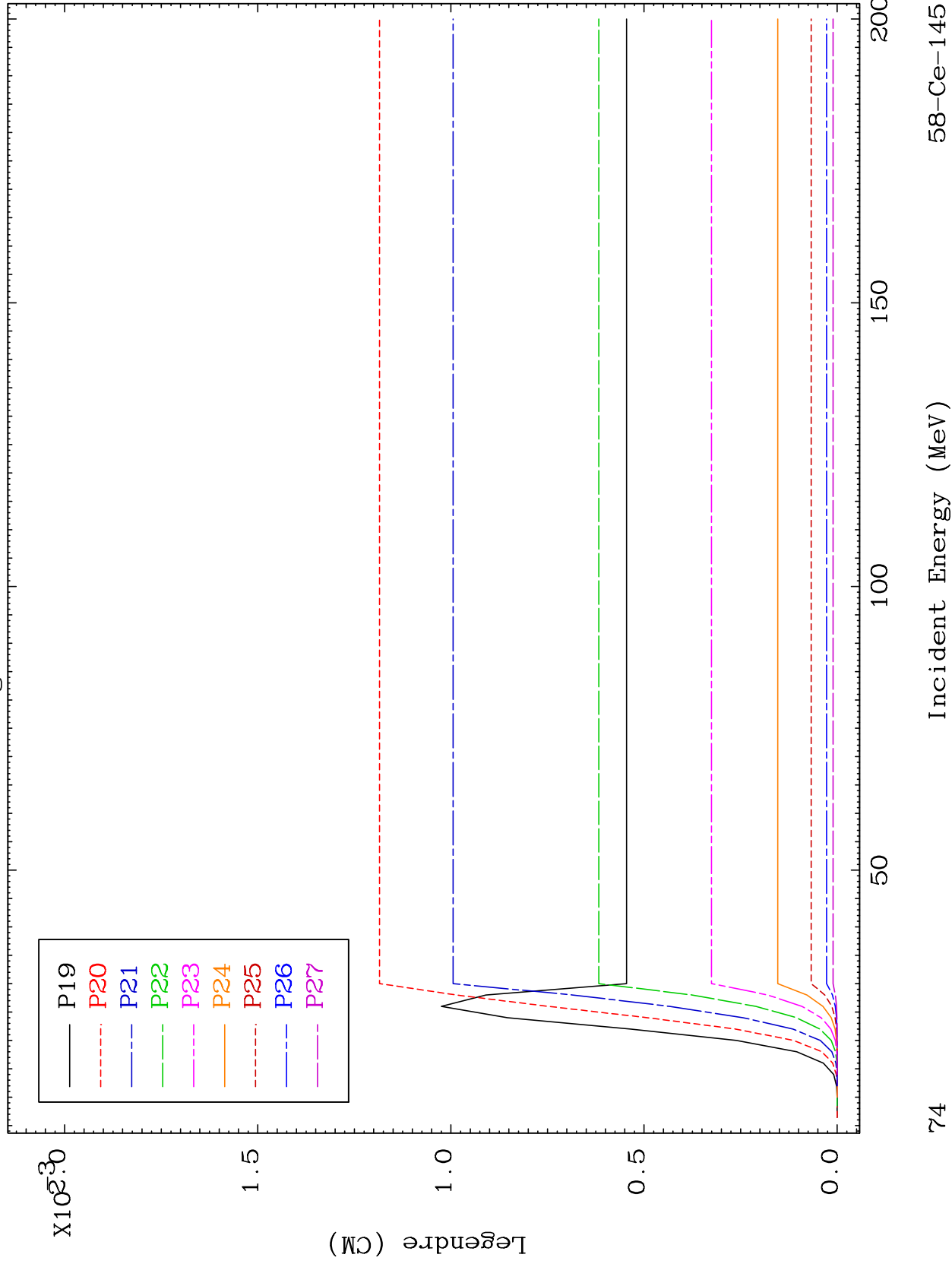
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

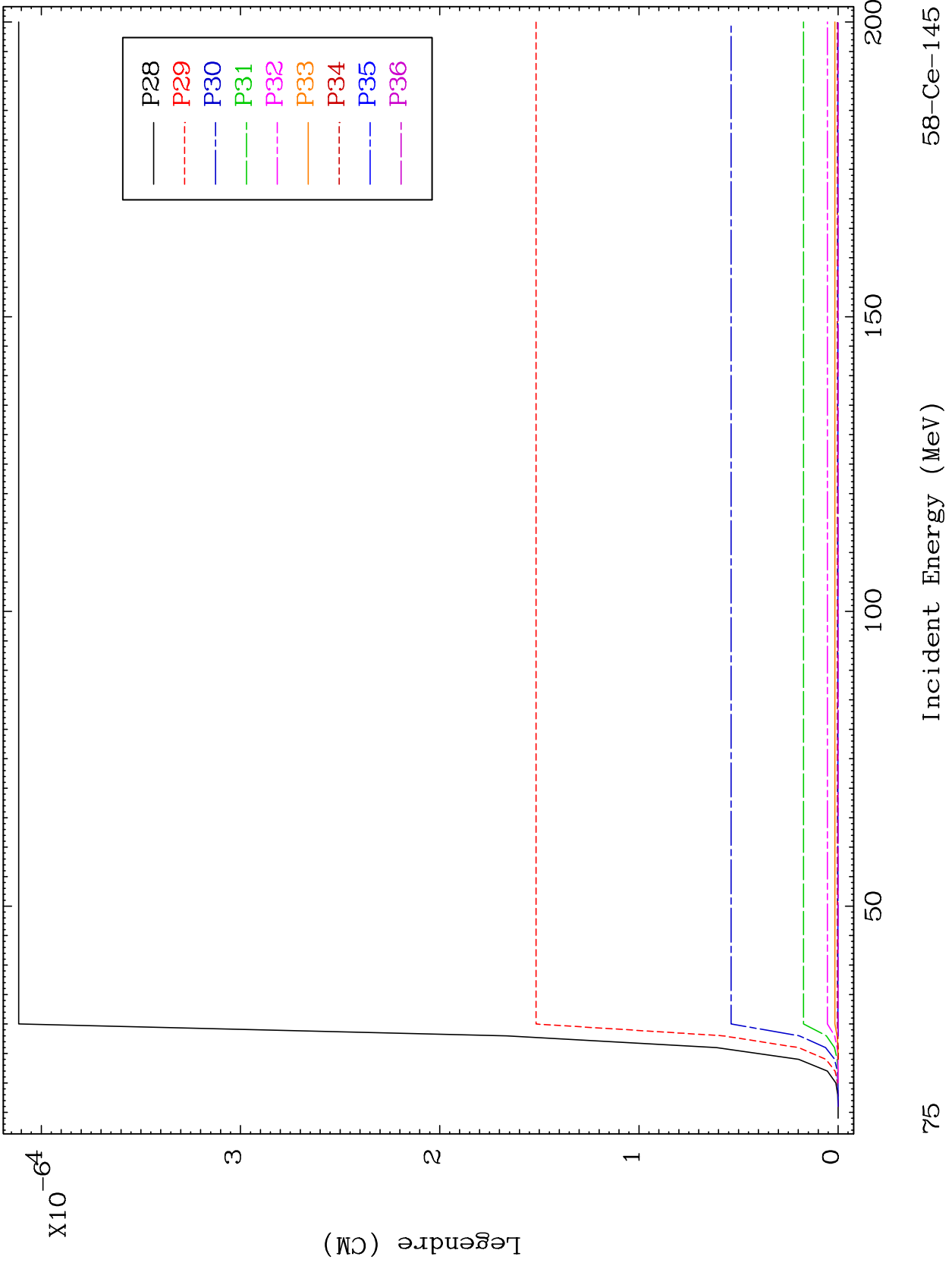
58-Ce-145



MAT 5852

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

58-Ce-145



75

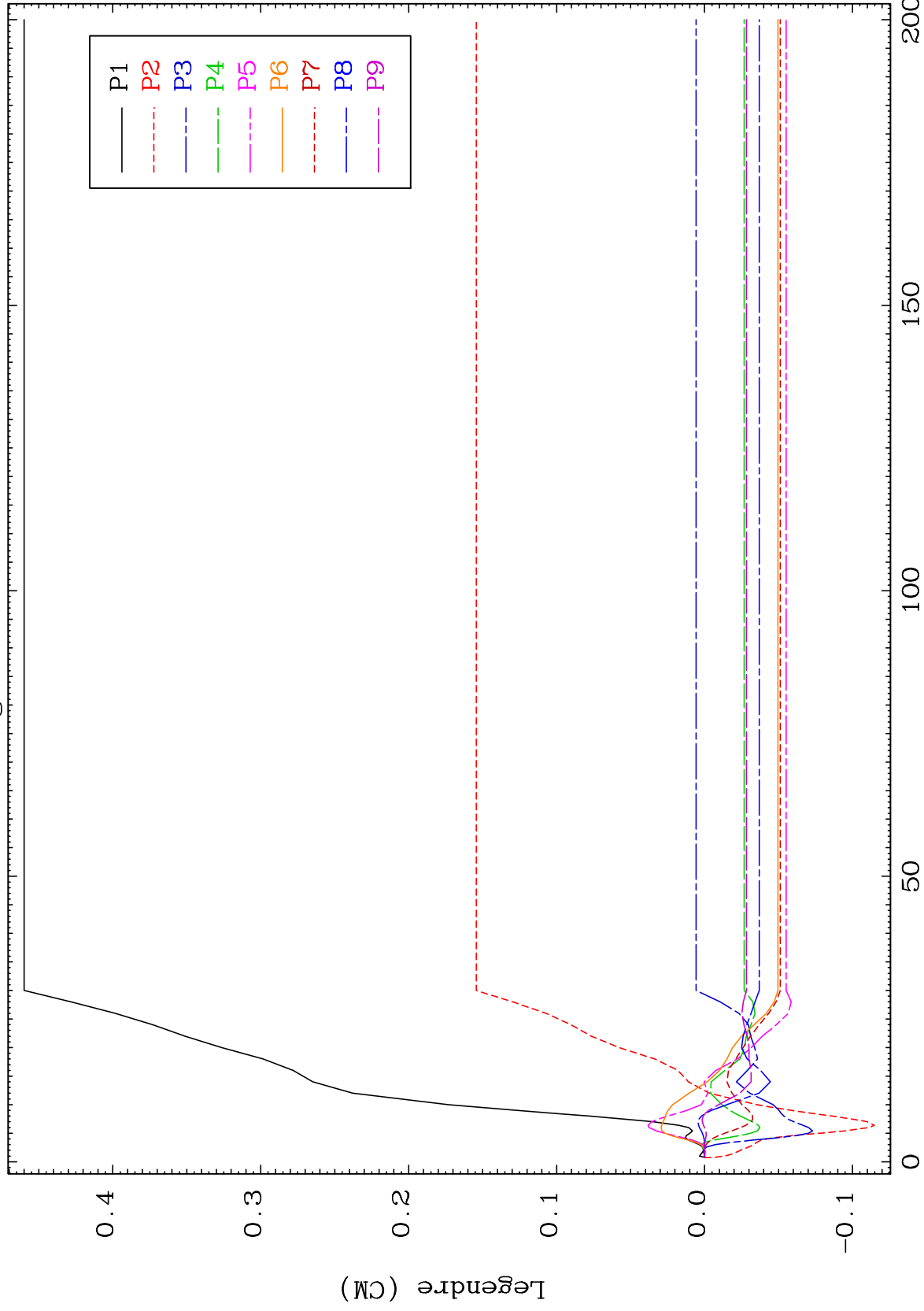
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



76

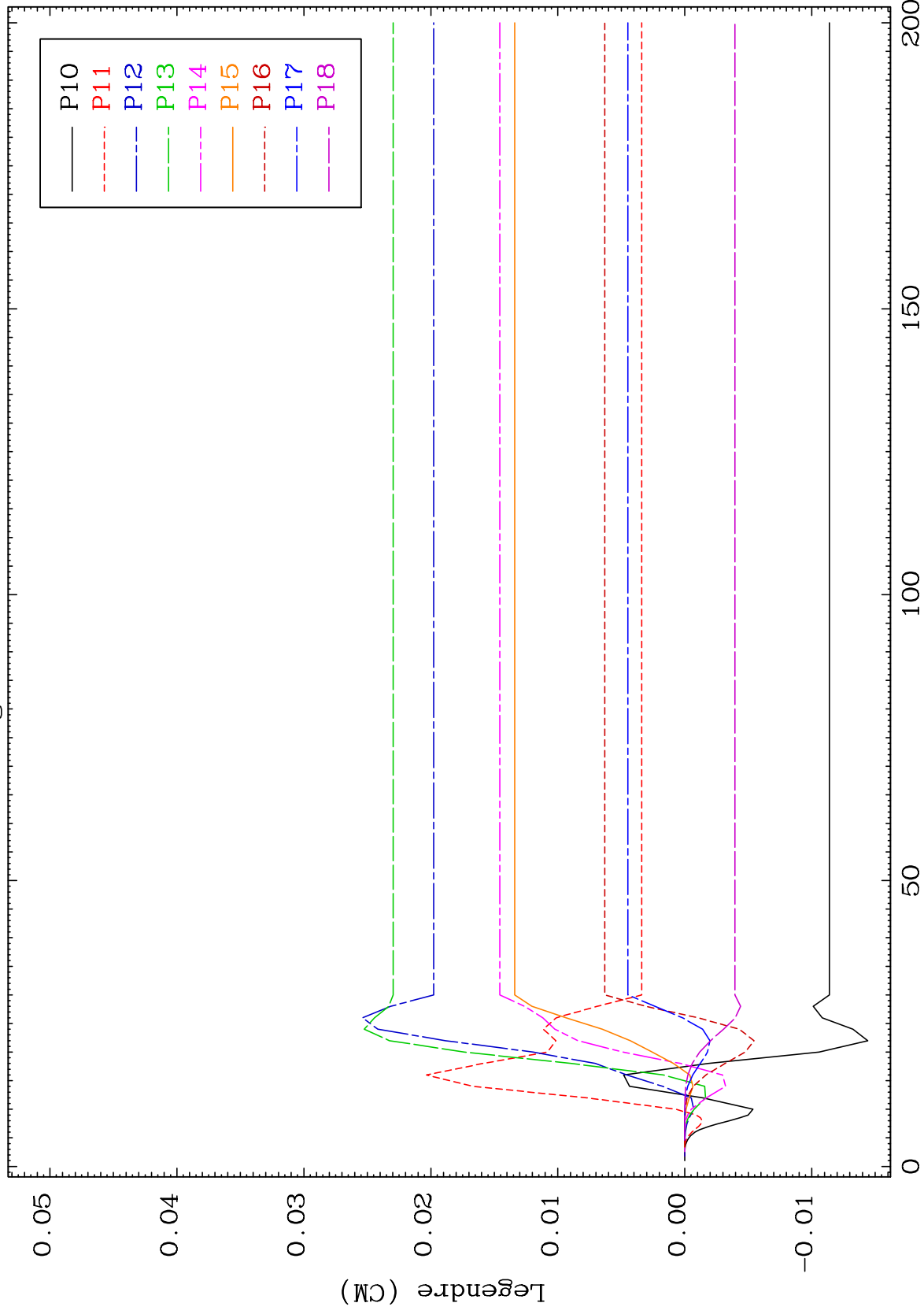
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



77

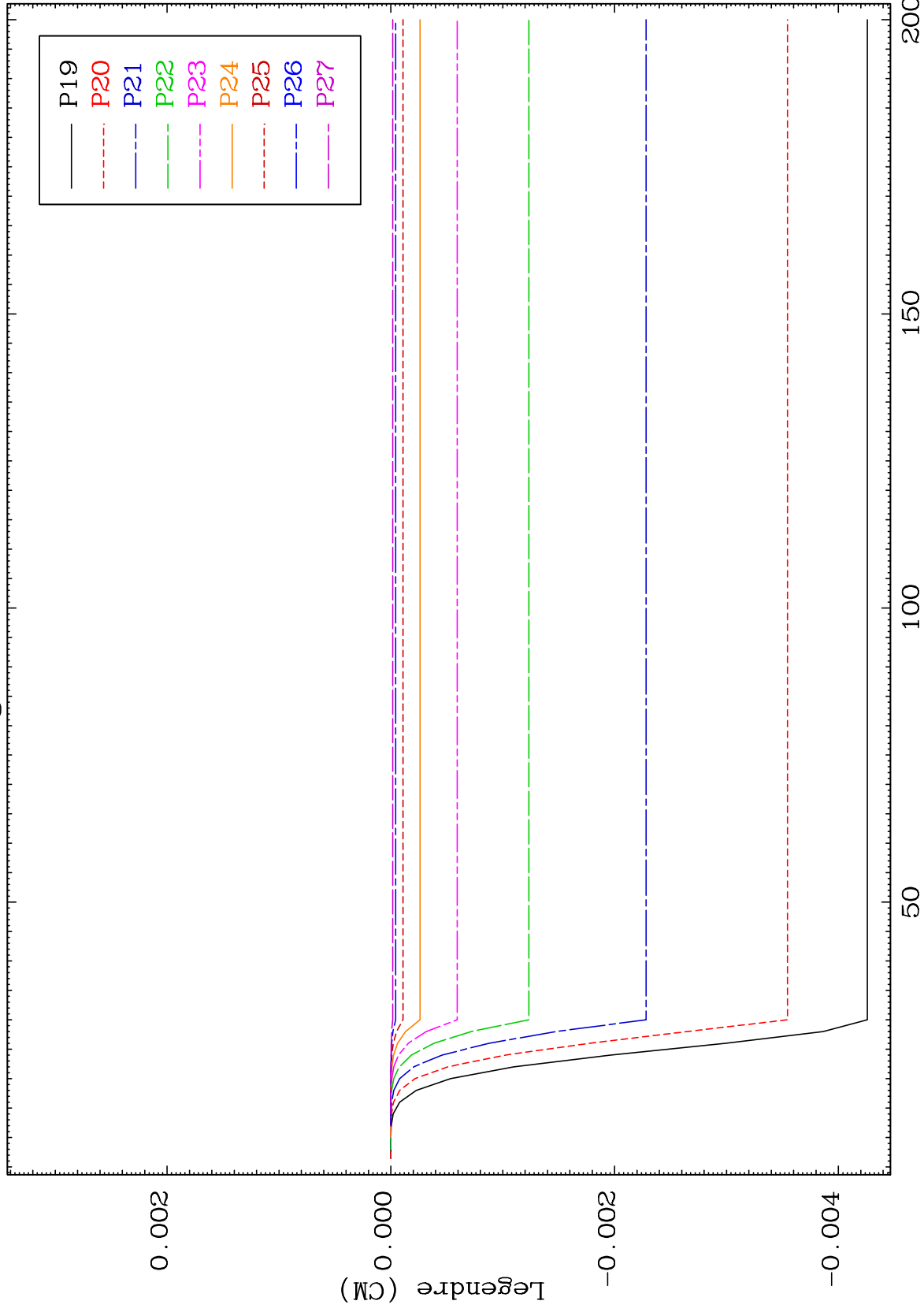
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

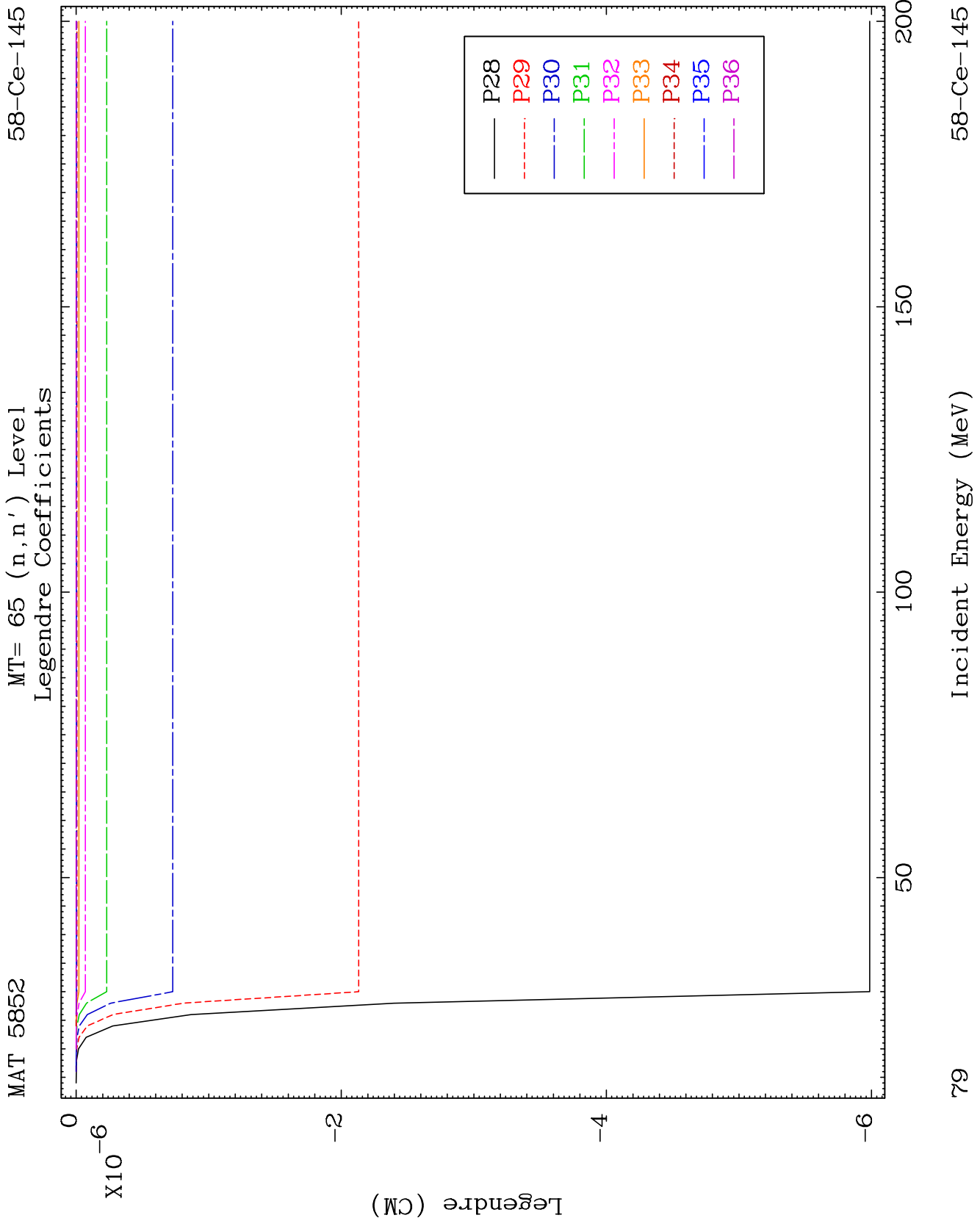
58-Ce-145



78

Incident Energy (MeV)

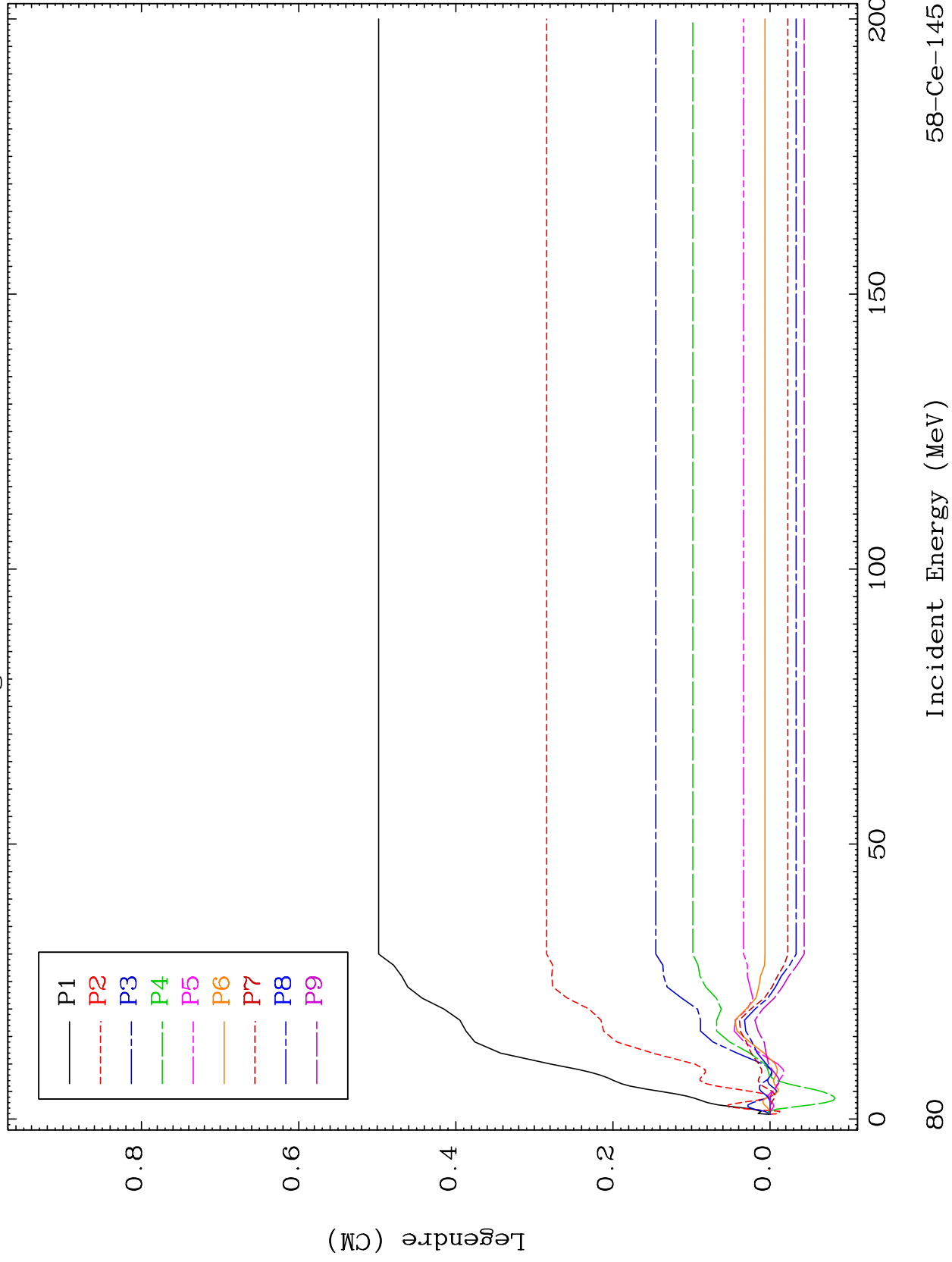
58-Ce-145



MAT 5852

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

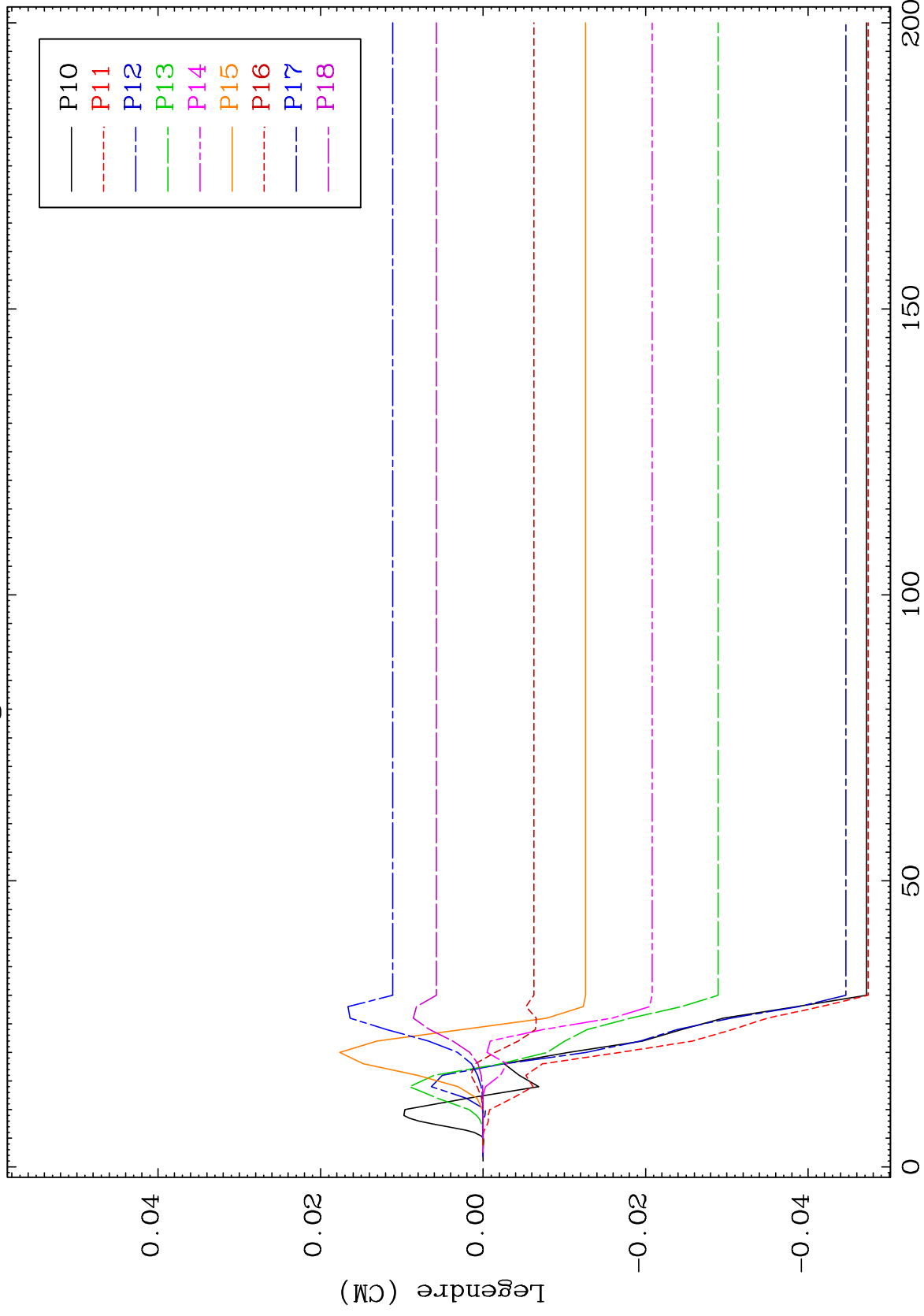
58-Ce-145



MAT 5852

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

58-Ce-145



81

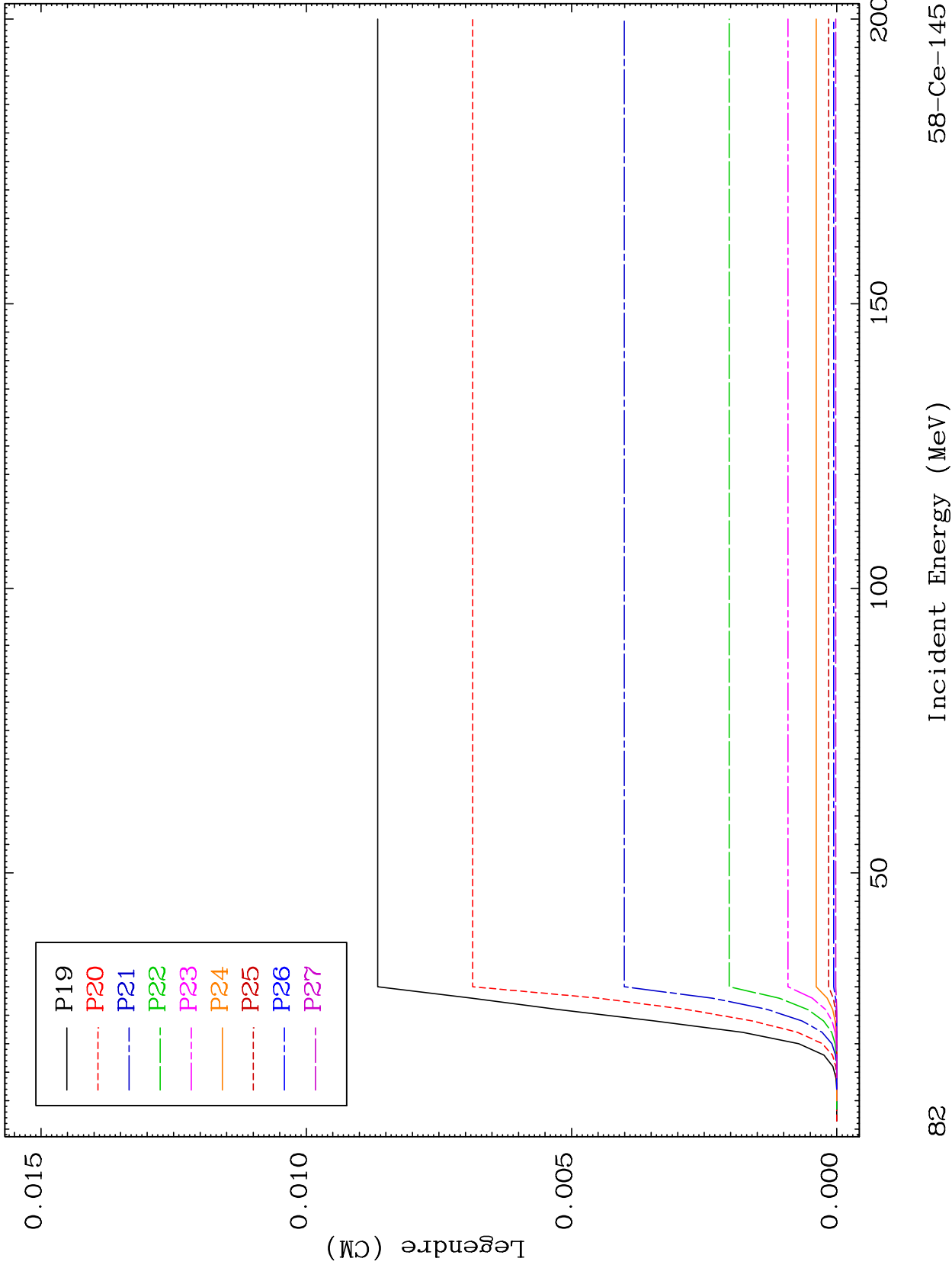
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



82

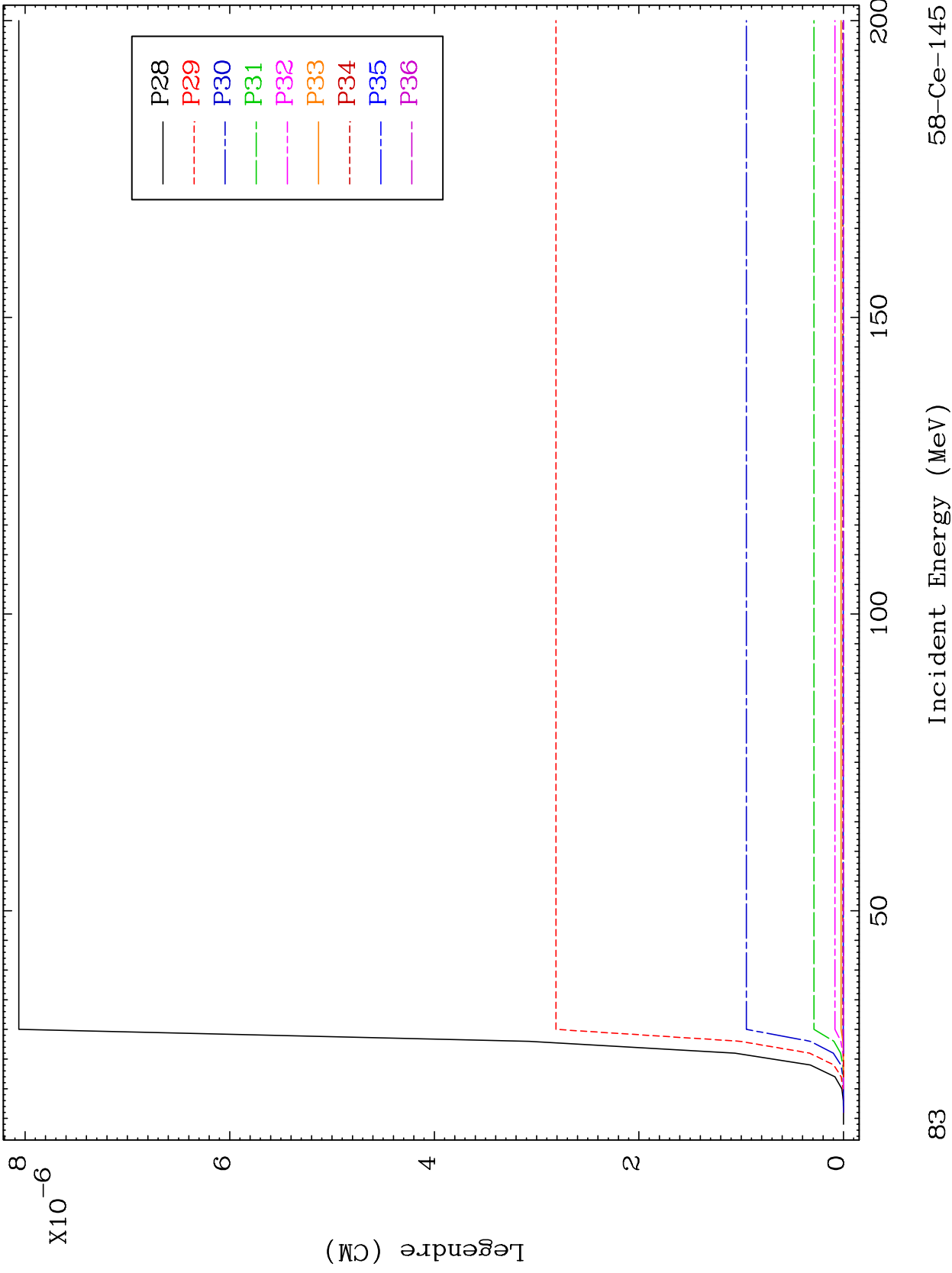
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



83

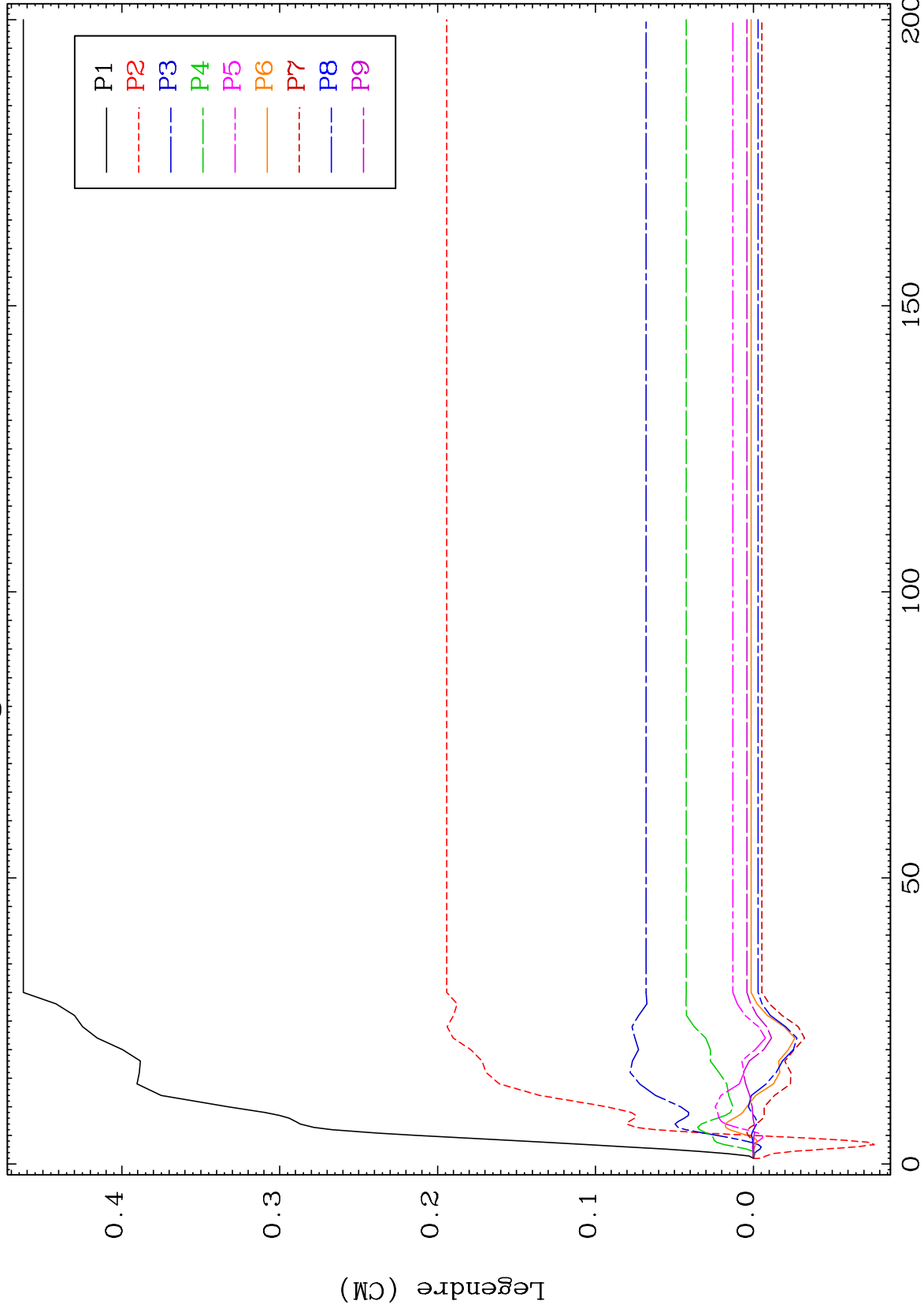
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



84

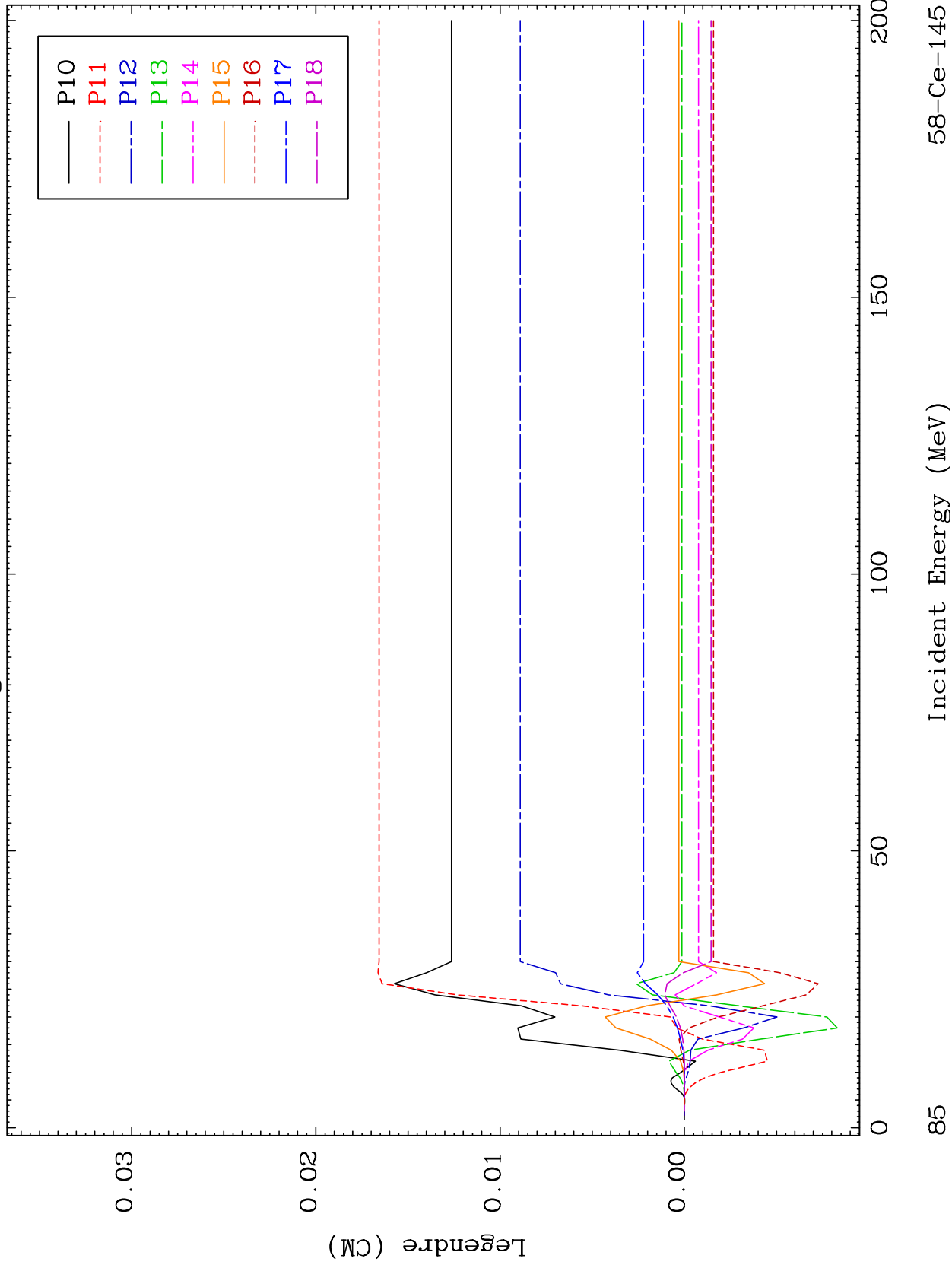
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

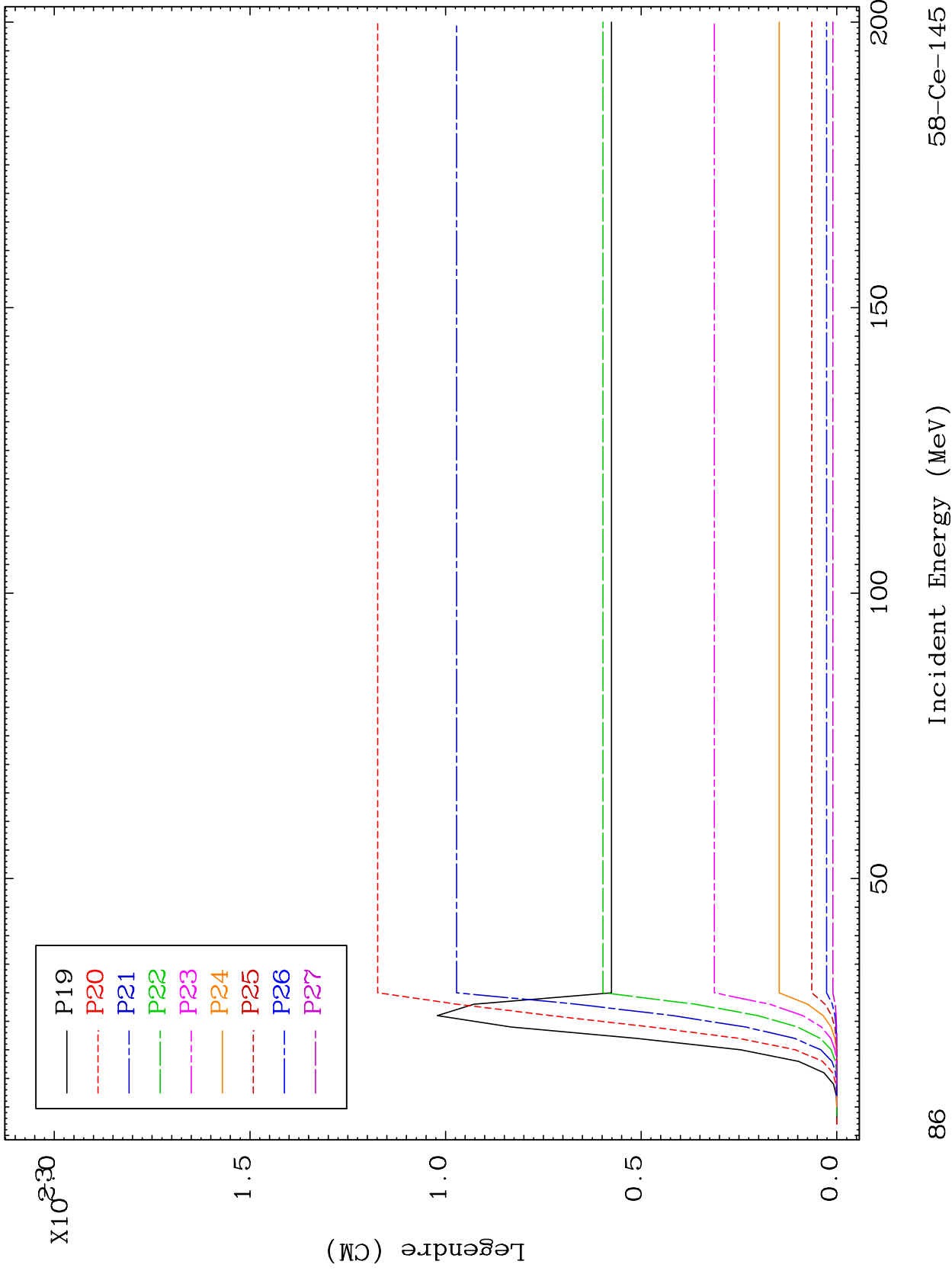
58-Ce-145



58-Ce-145

Incident Energy (MeV)

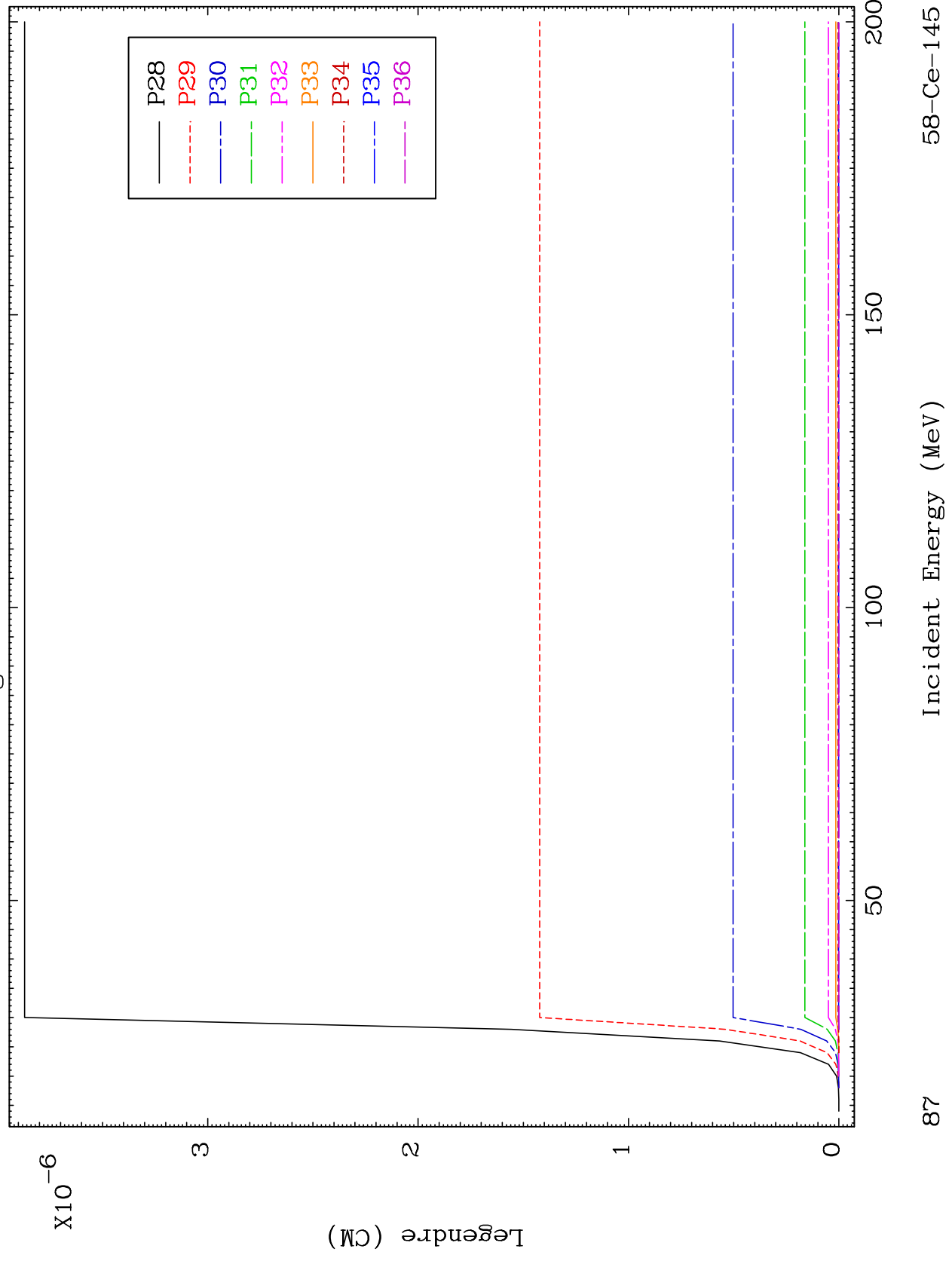
85



MAT 5852

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

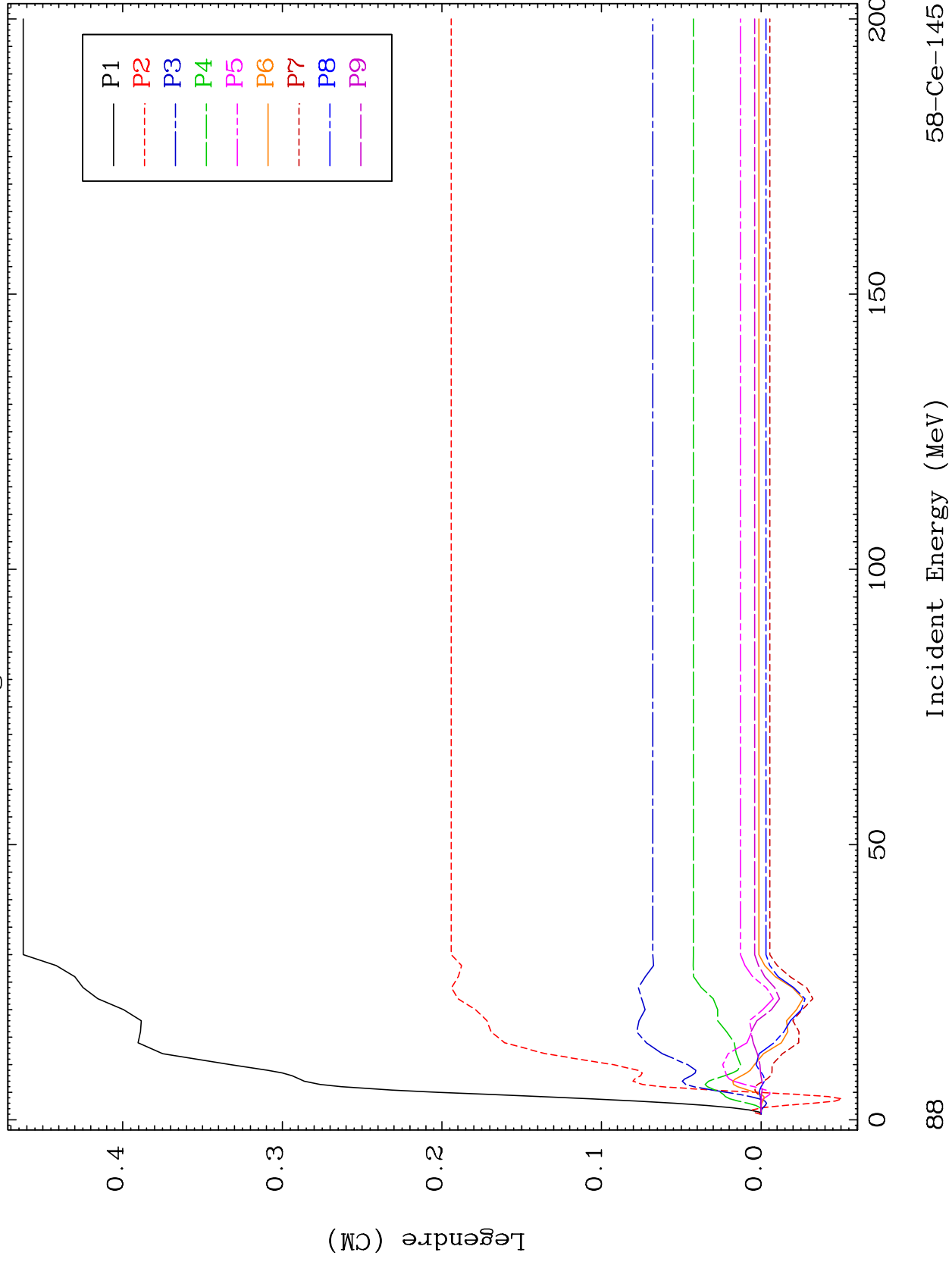
58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

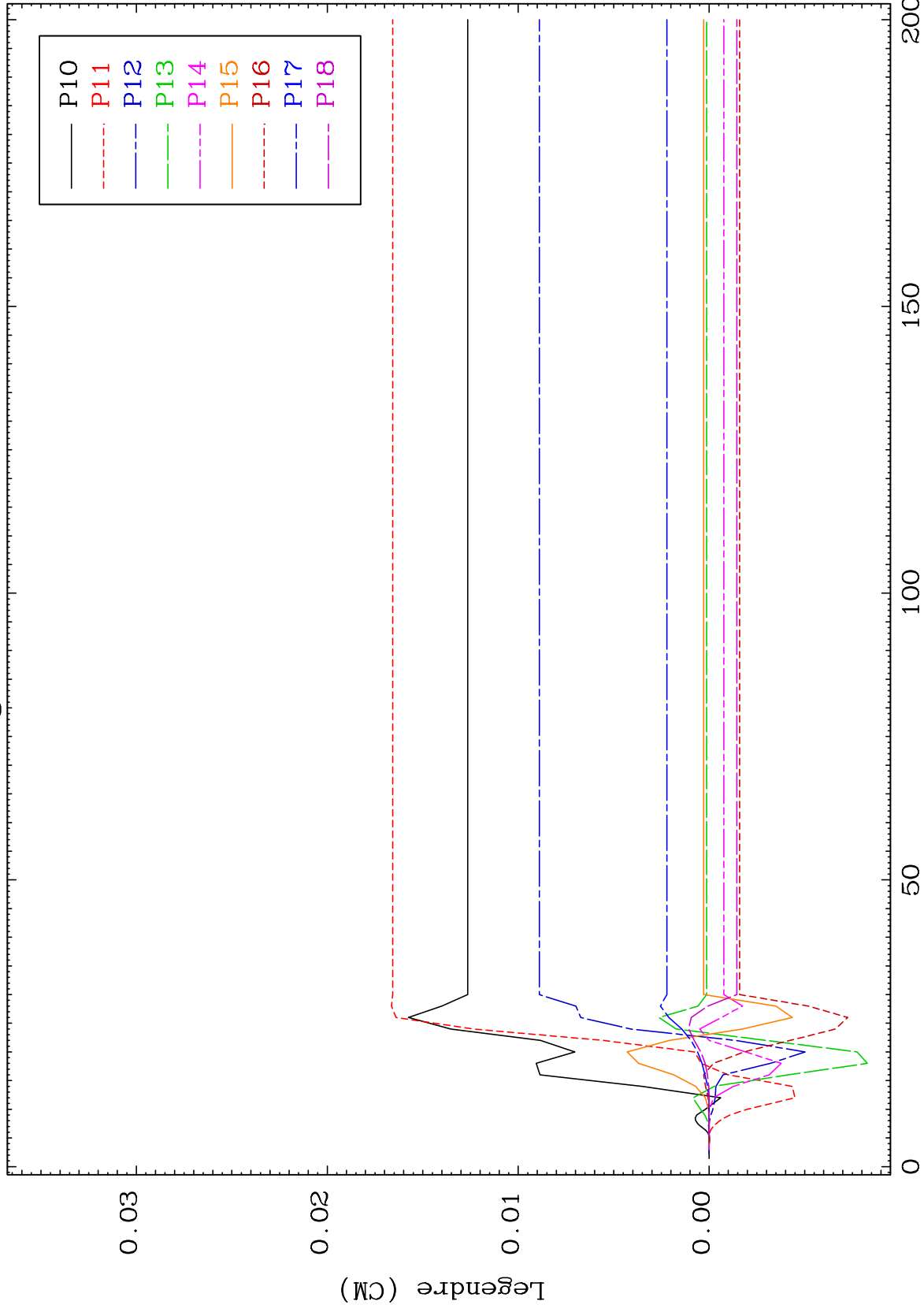
Incident Energy (MeV)

88

MAT 5852

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

58-Ce-145



89

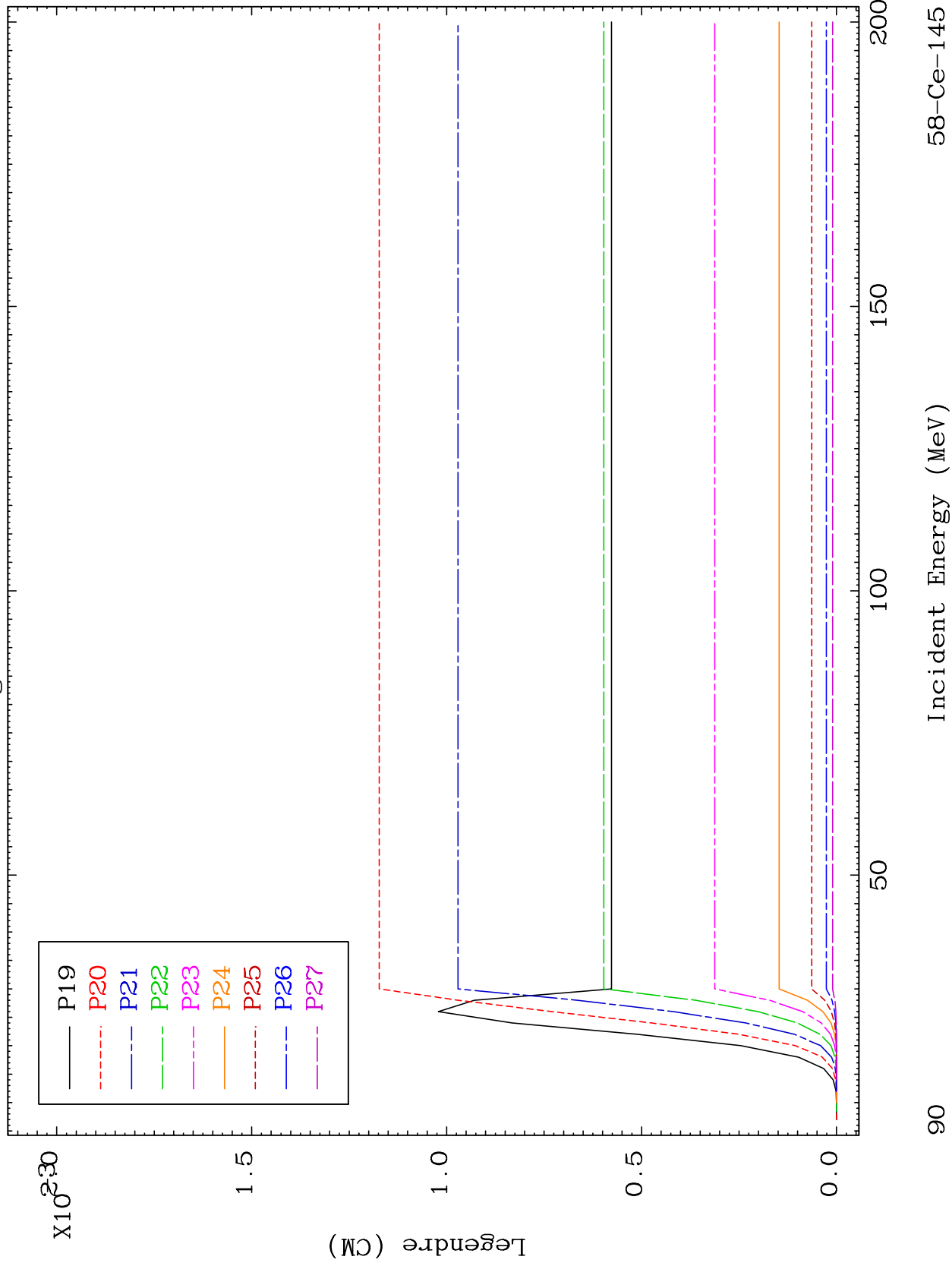
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

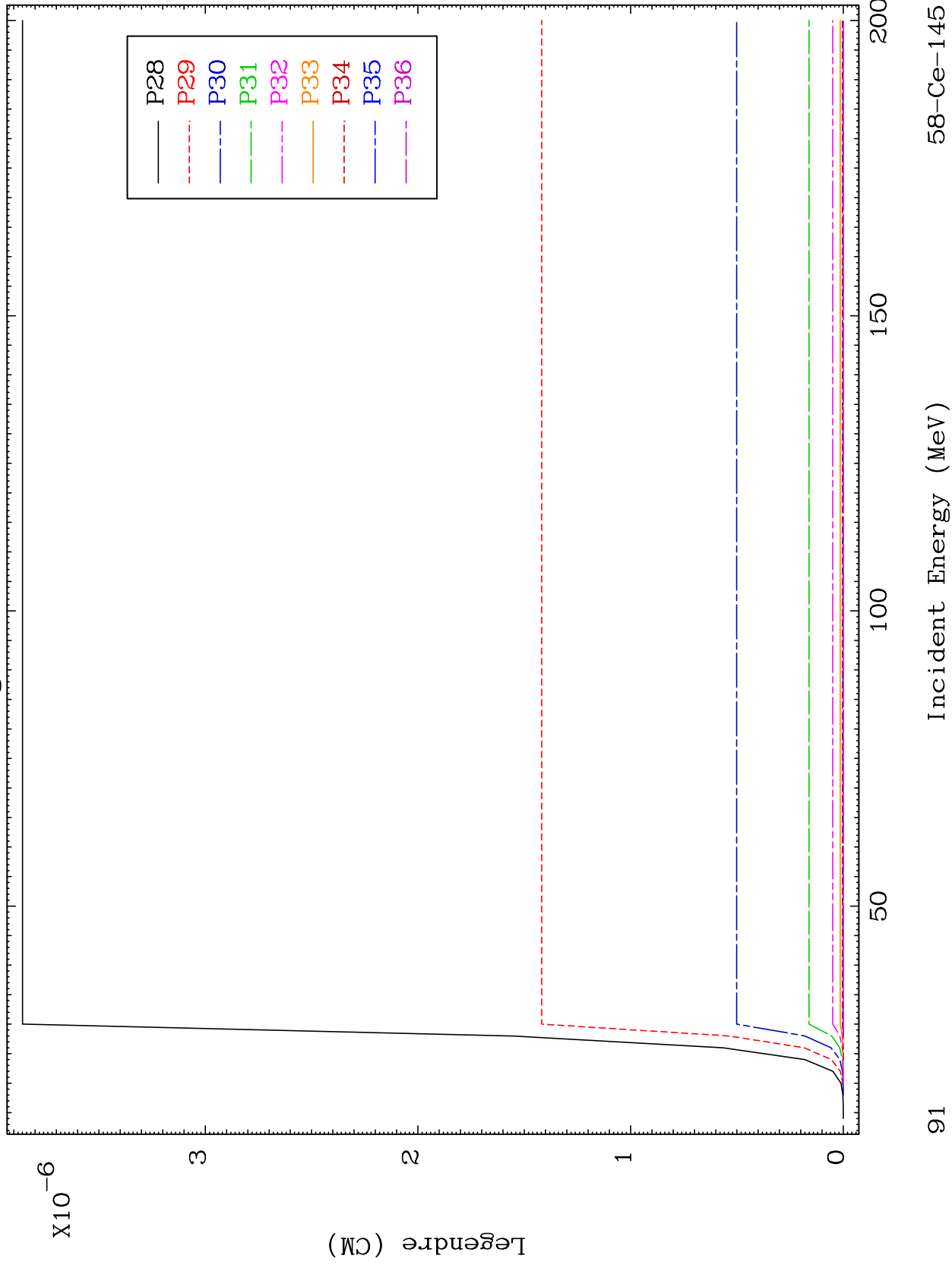
58-Ce-145



MAT 5852

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

58-Ce-145

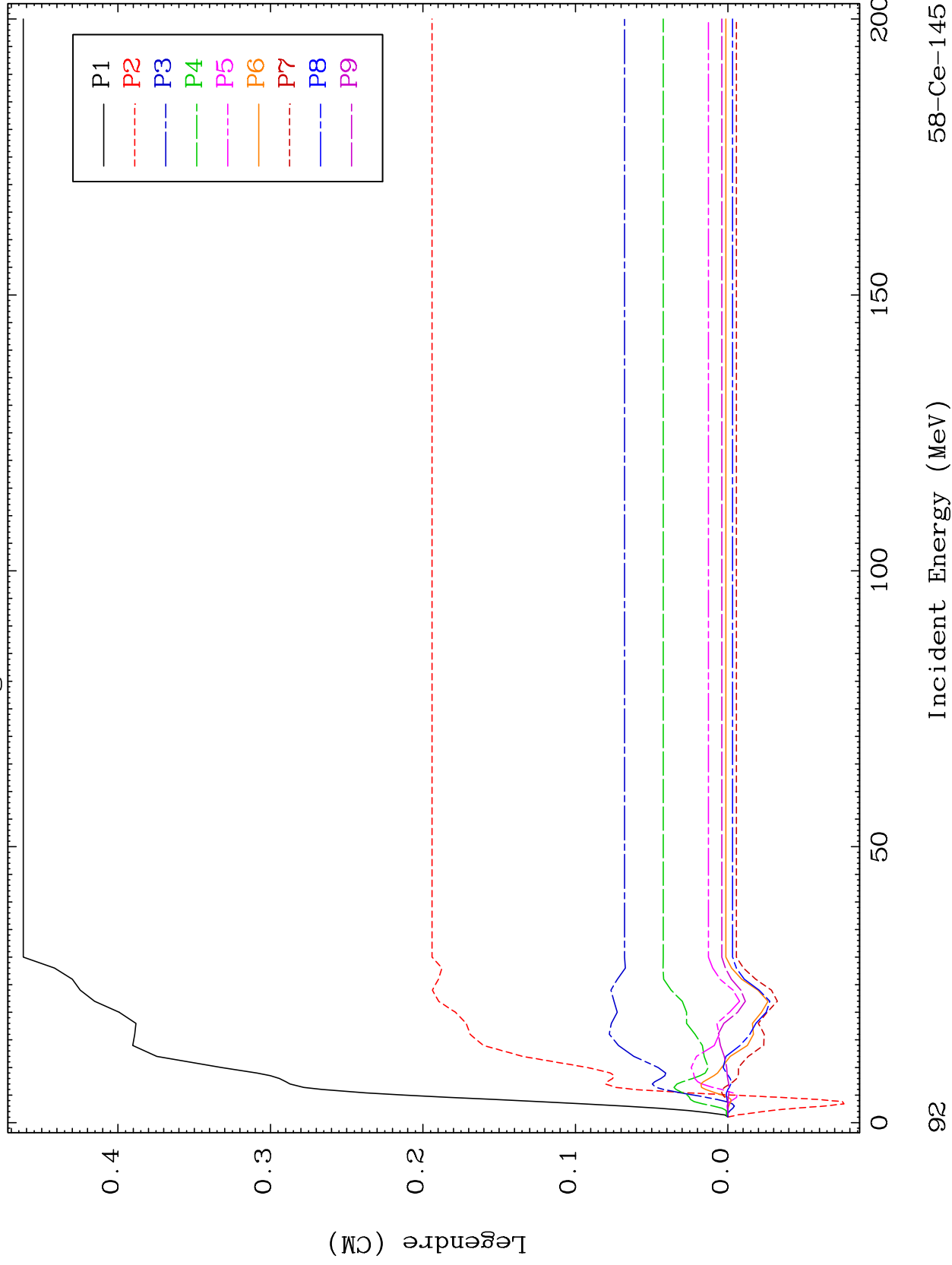


91

MAT 5852

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

58-Ce-145



58-Ce-145

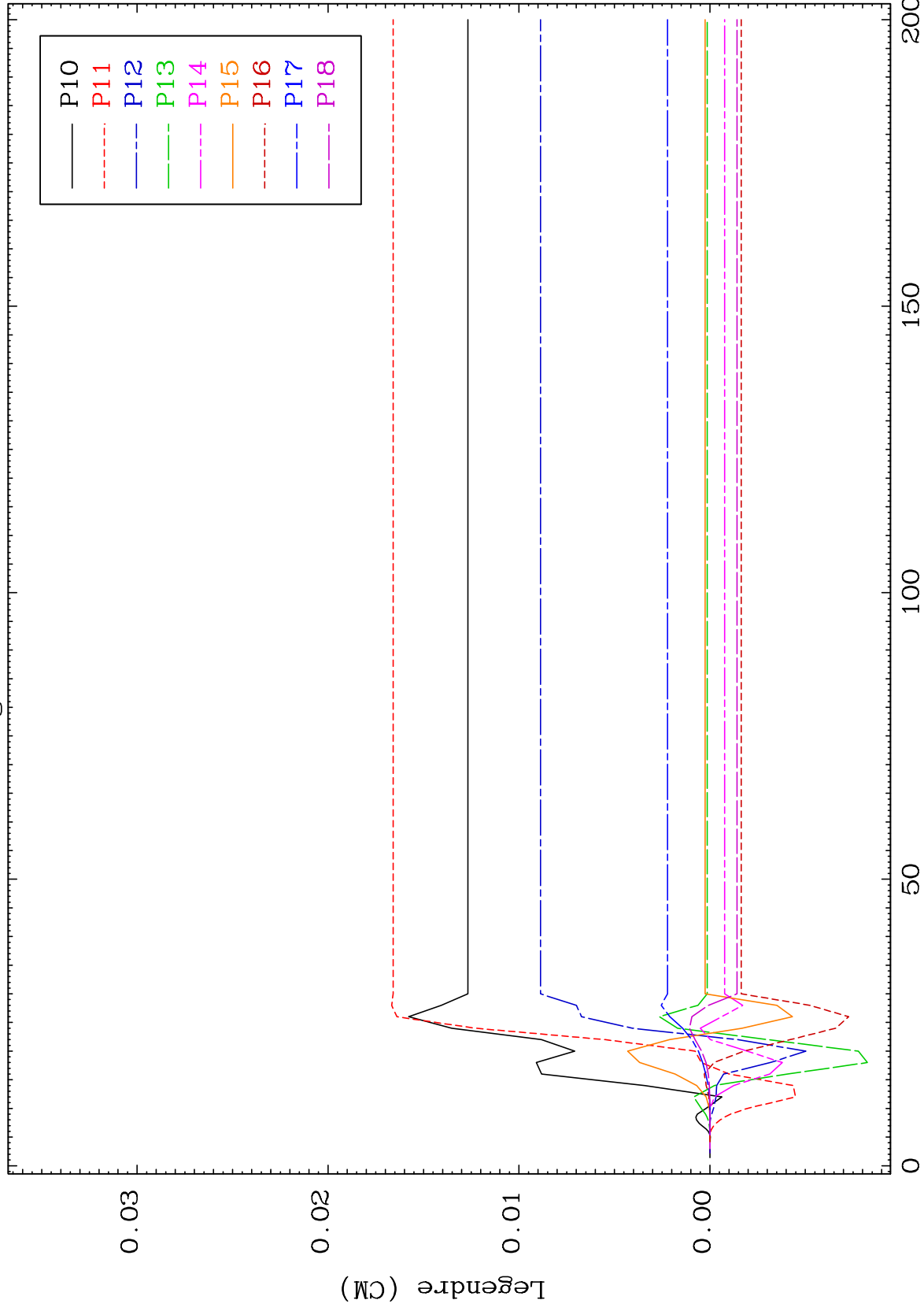
Incident Energy (MeV)

92

MAT 5852

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

58-Ce-145



93

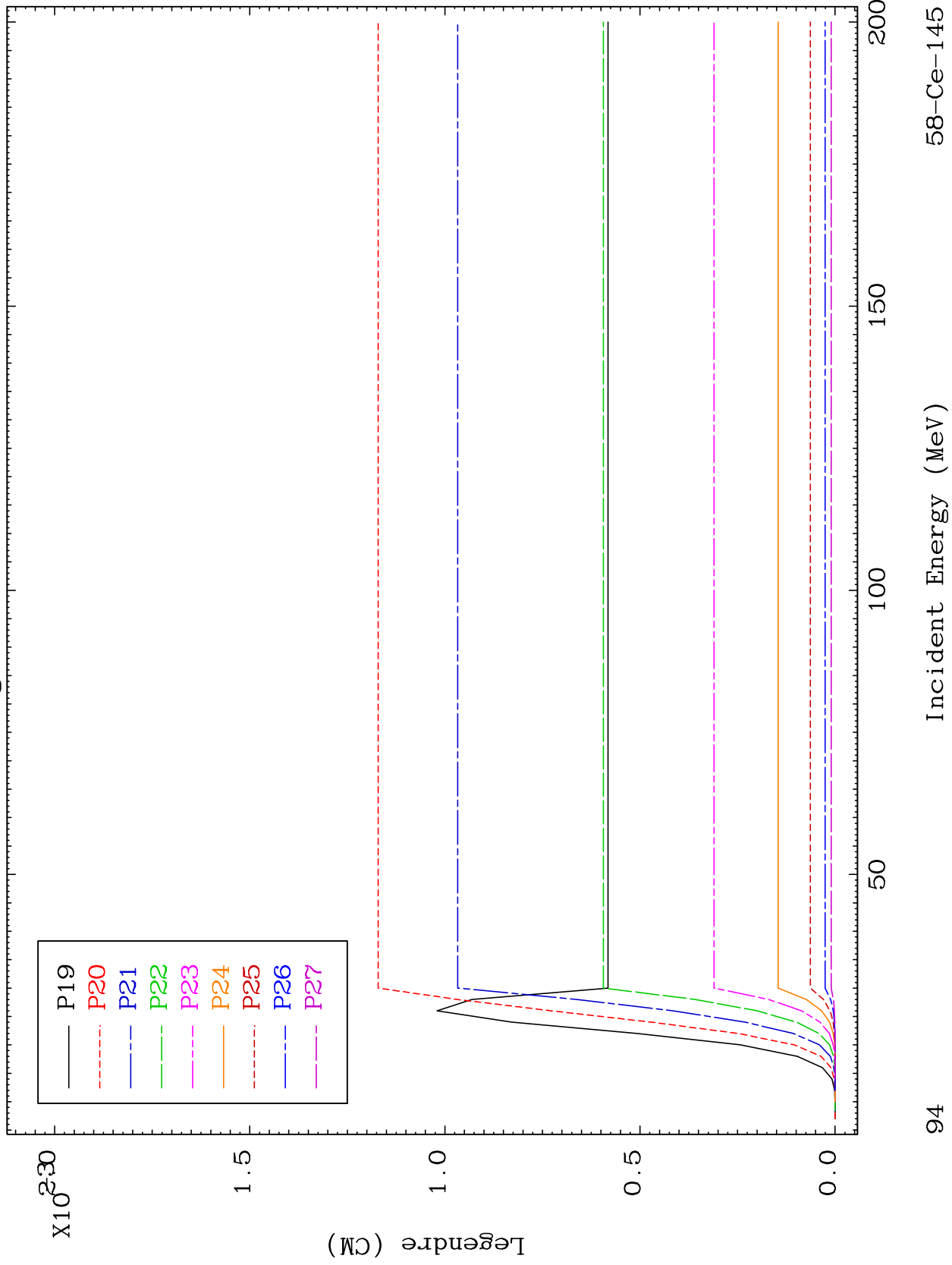
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

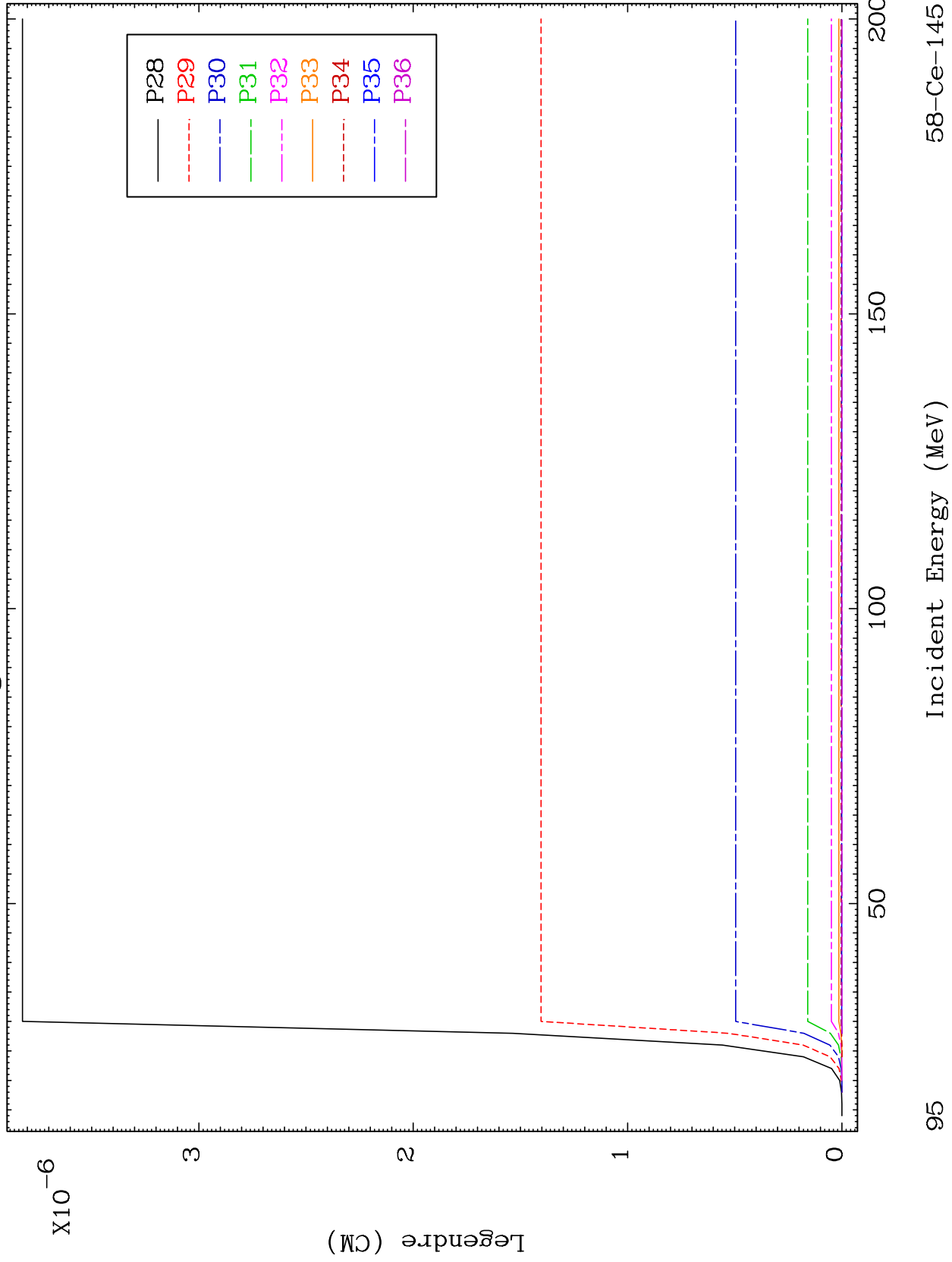
58-Ce-145



MAT 5852

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

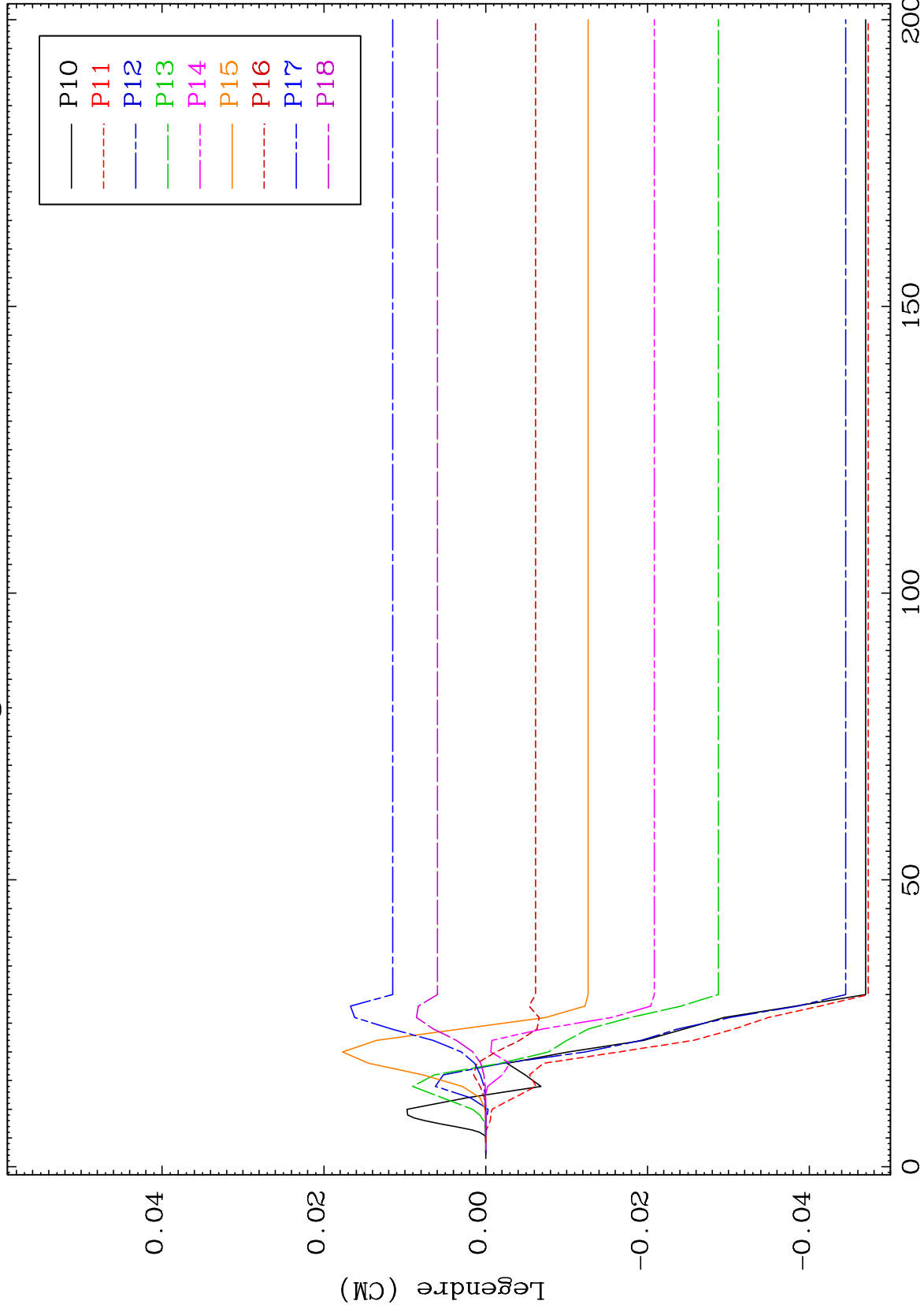
58-Ce-145



MAT 5852

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

58-Ce-145



97

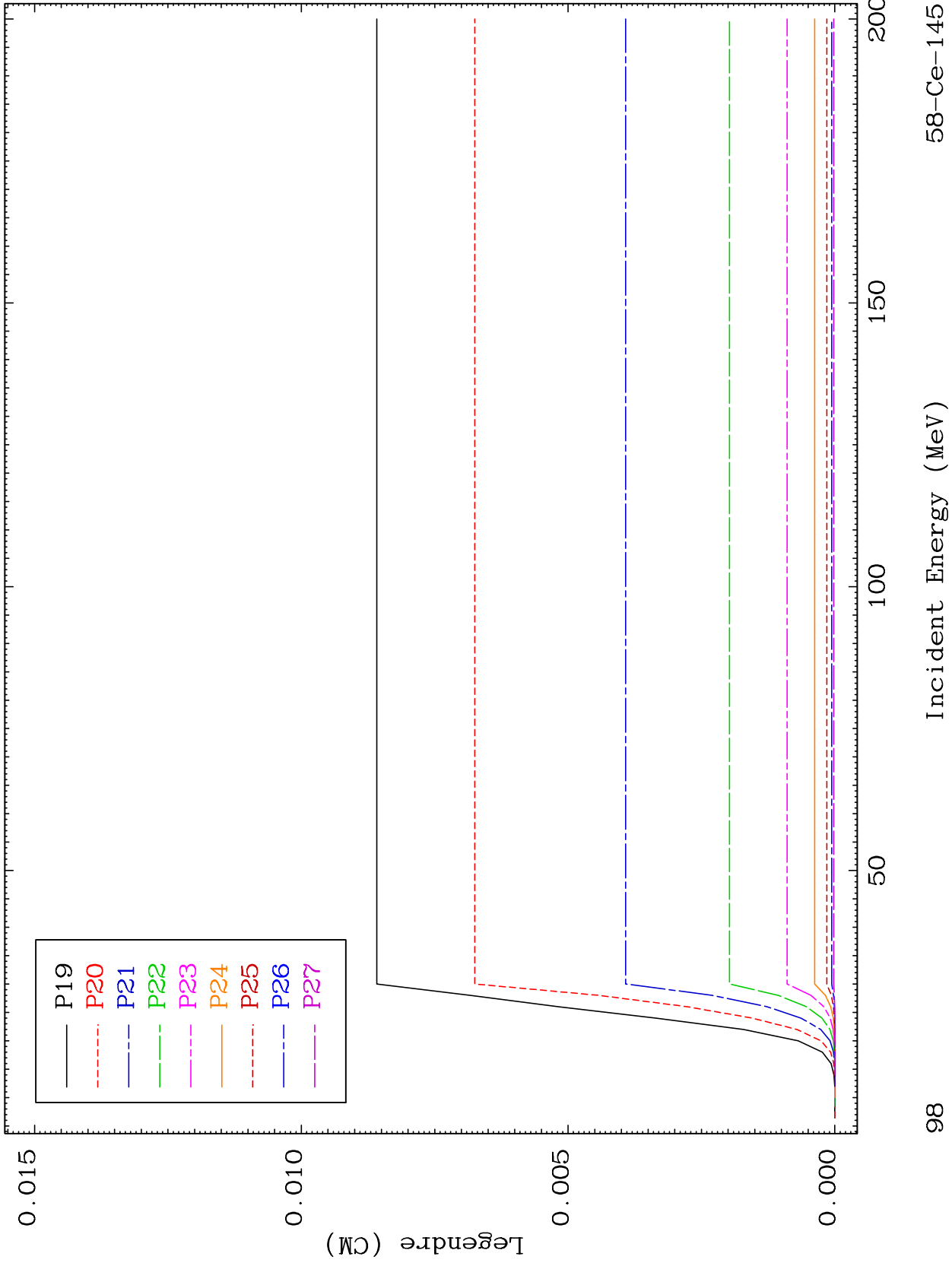
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



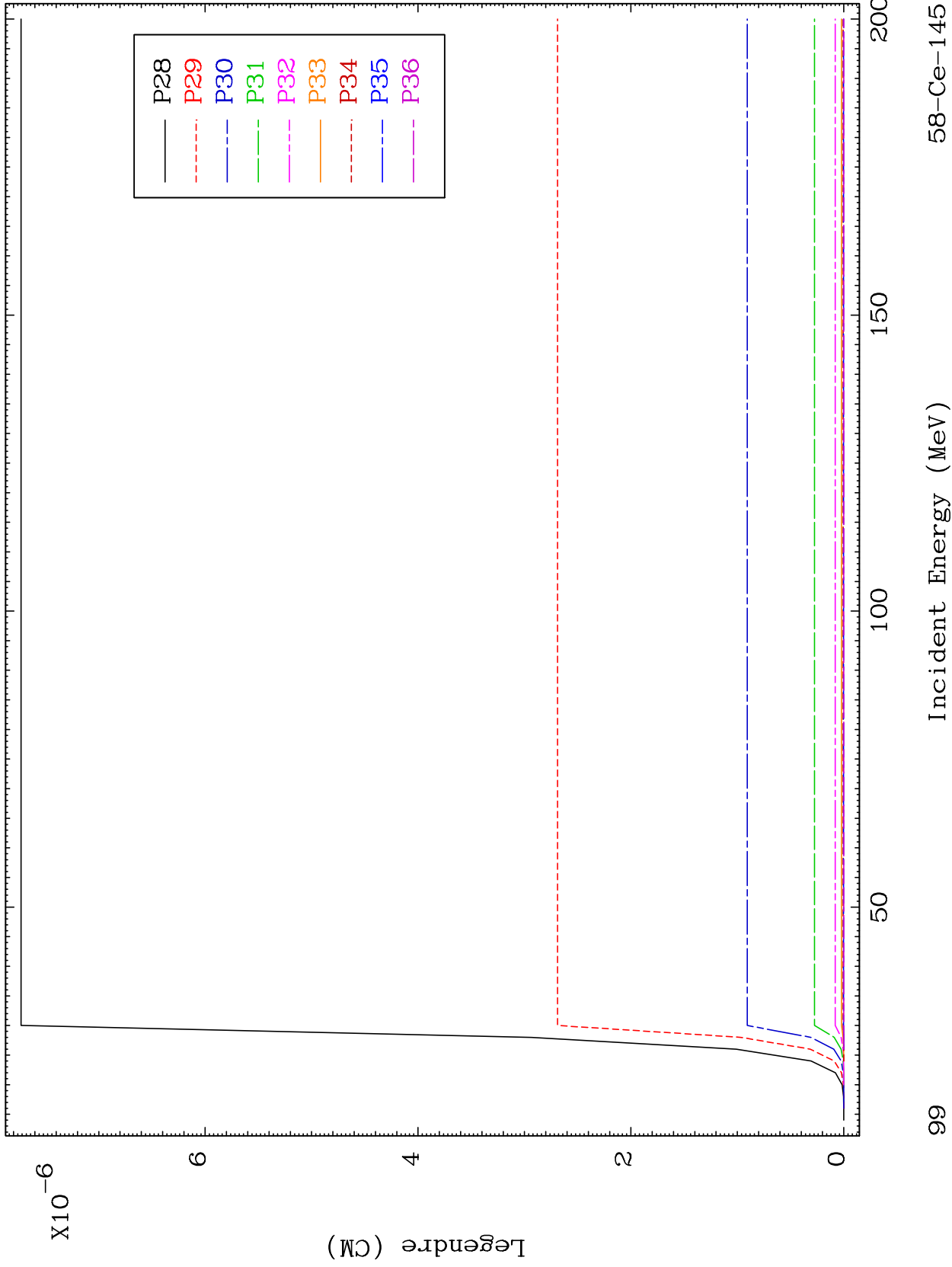
98

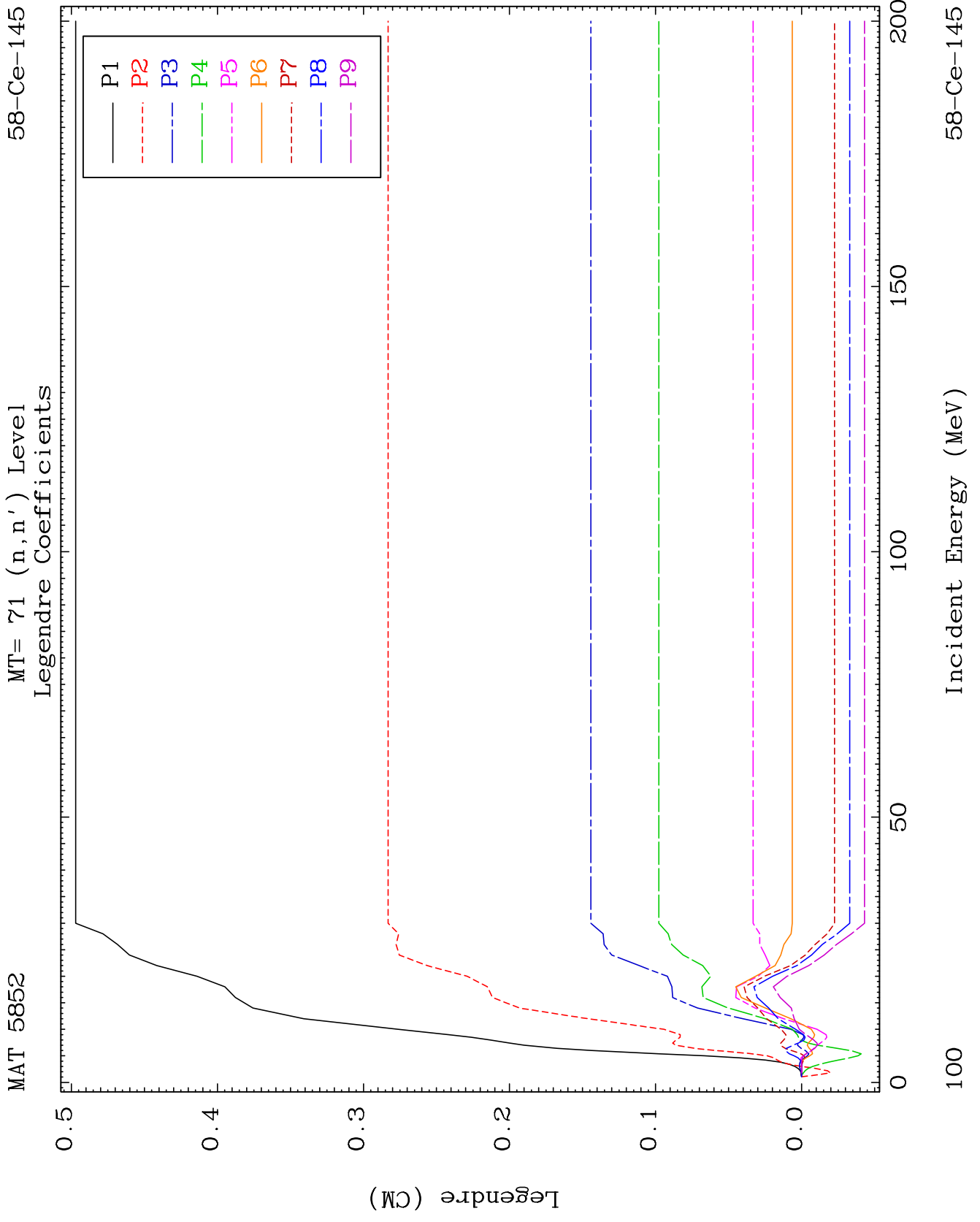
58-Ce-145

MAT 5852

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

58-Ce-145

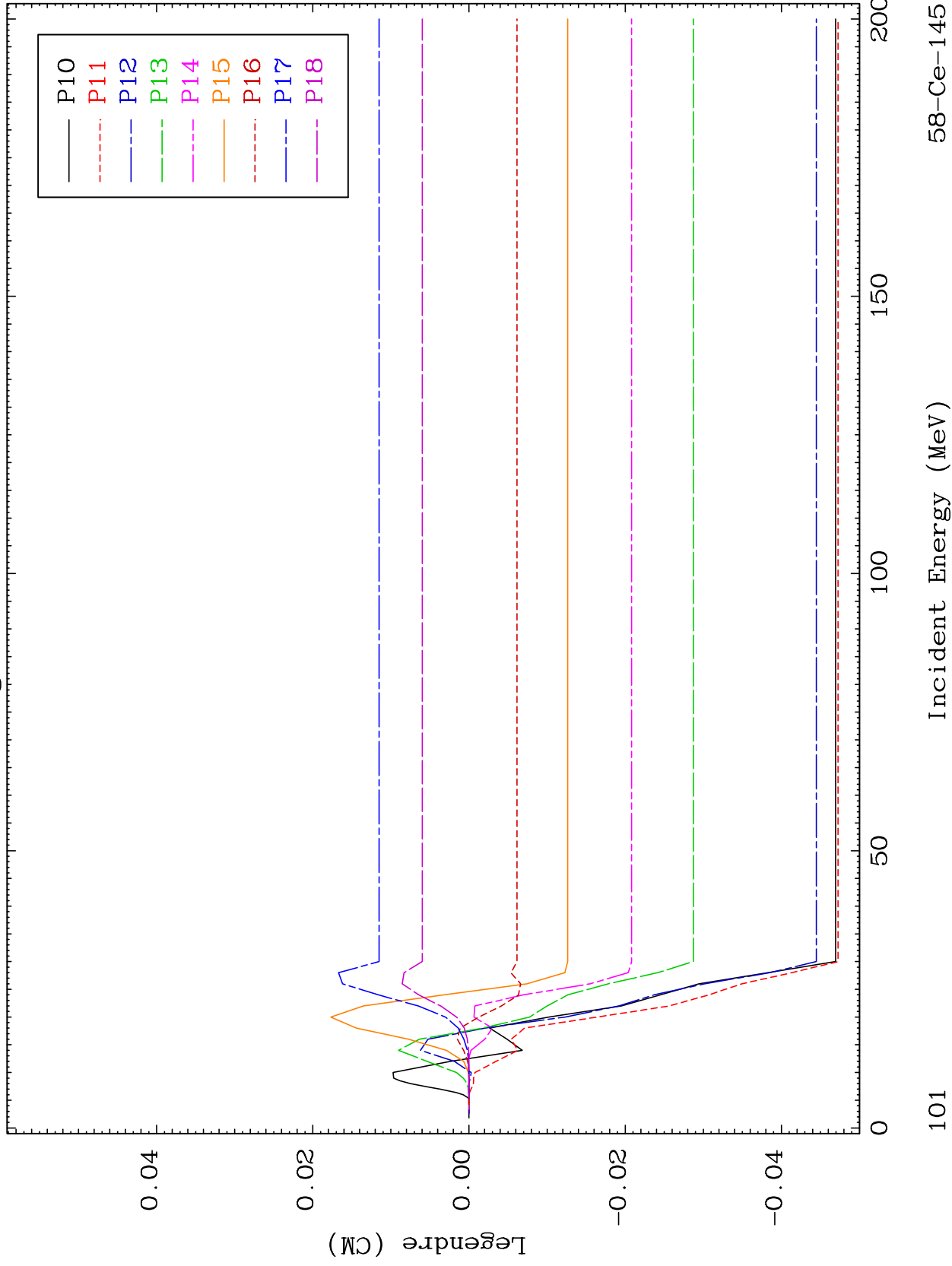




MAT 5852

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

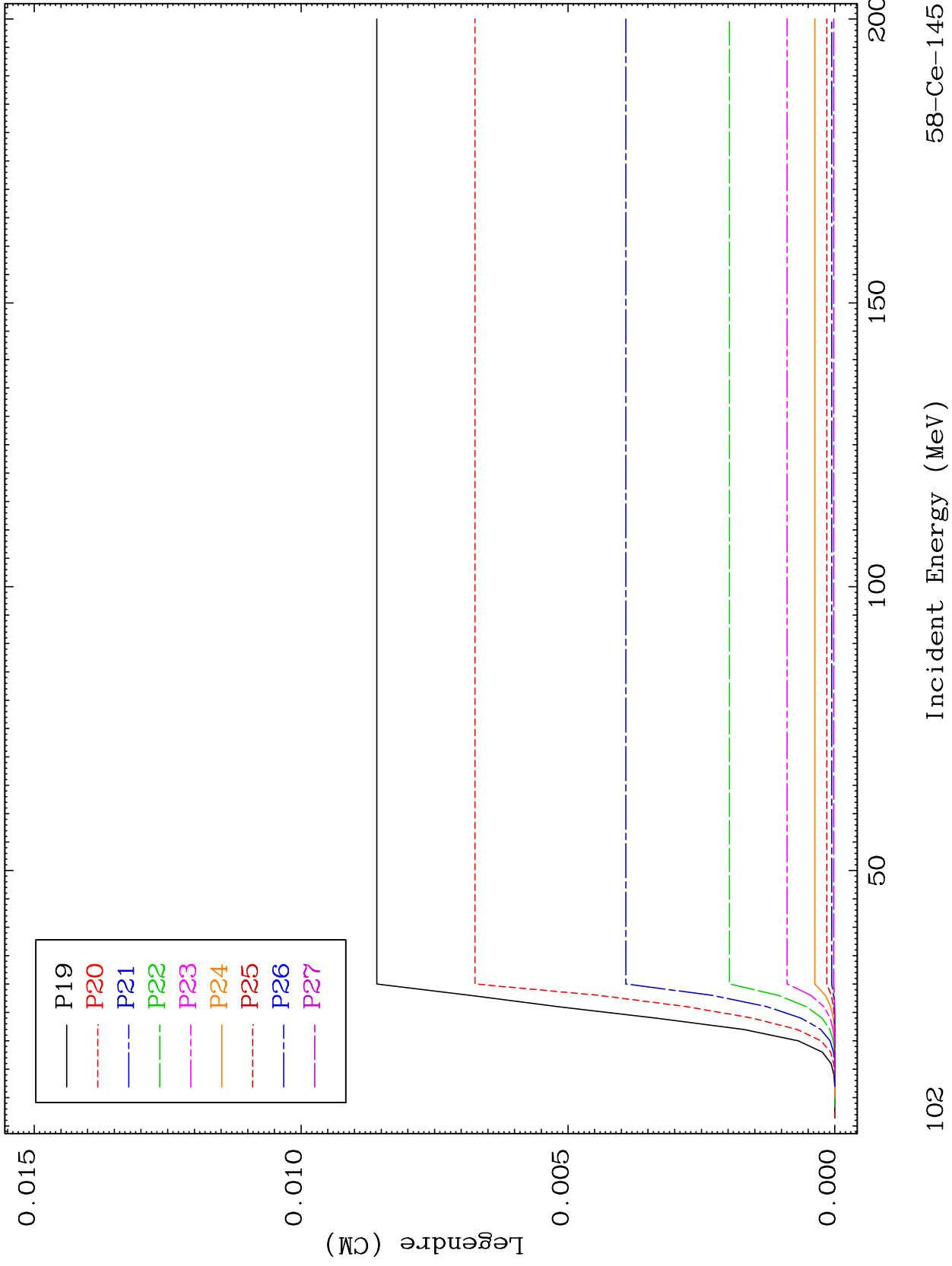
58-Ce-145



MAT 5852

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

58-Ce-145



102

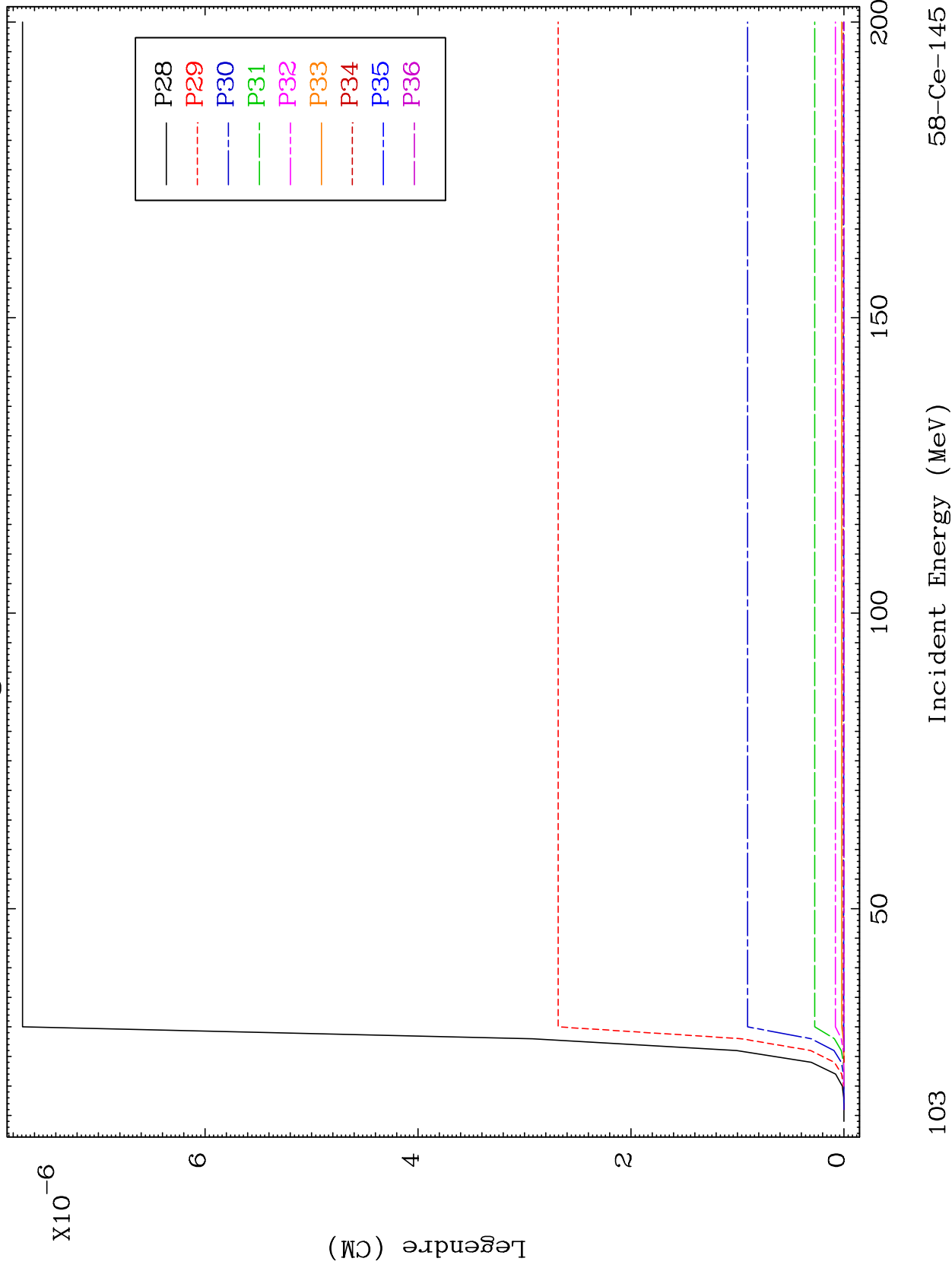
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

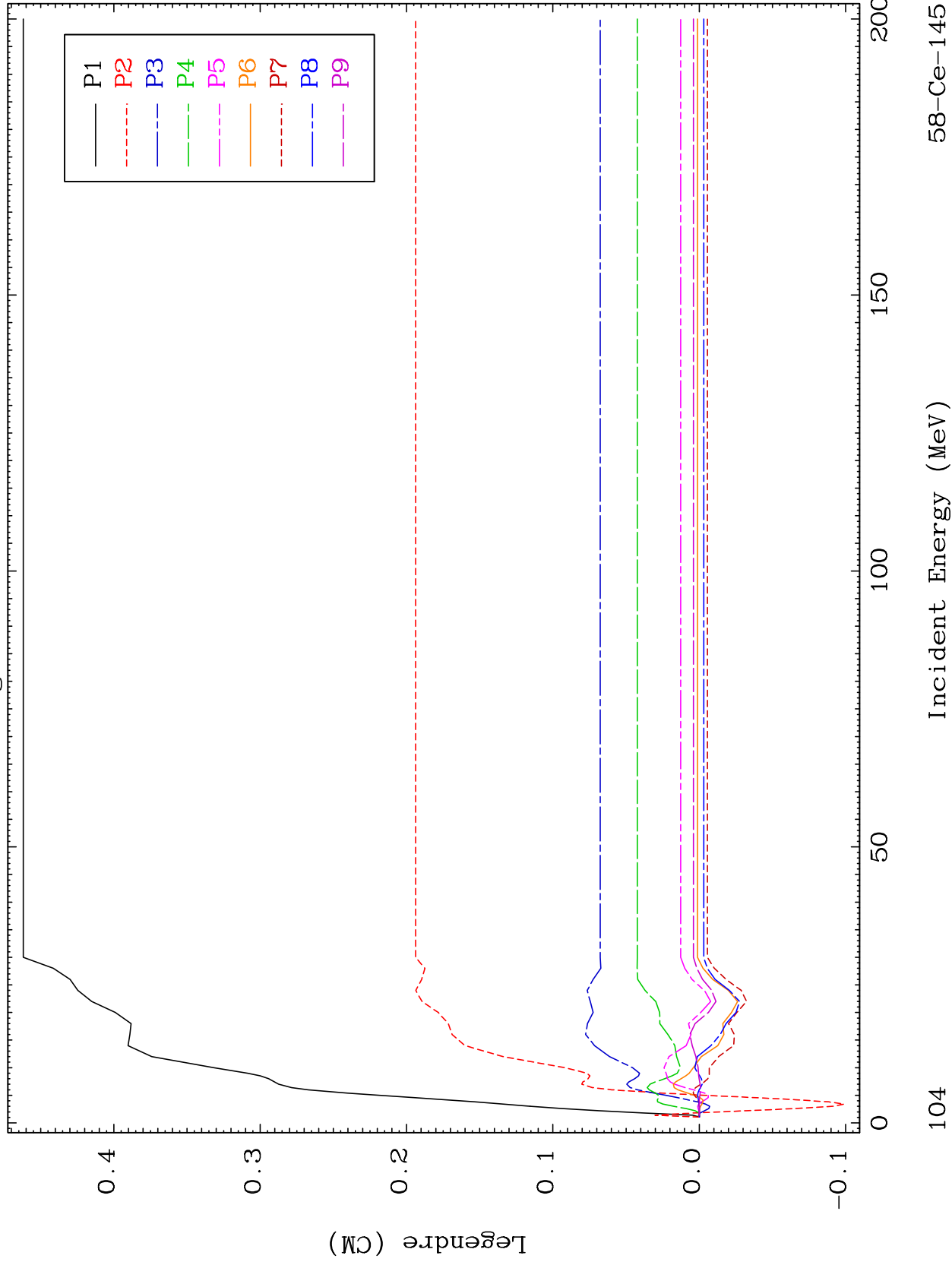
58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

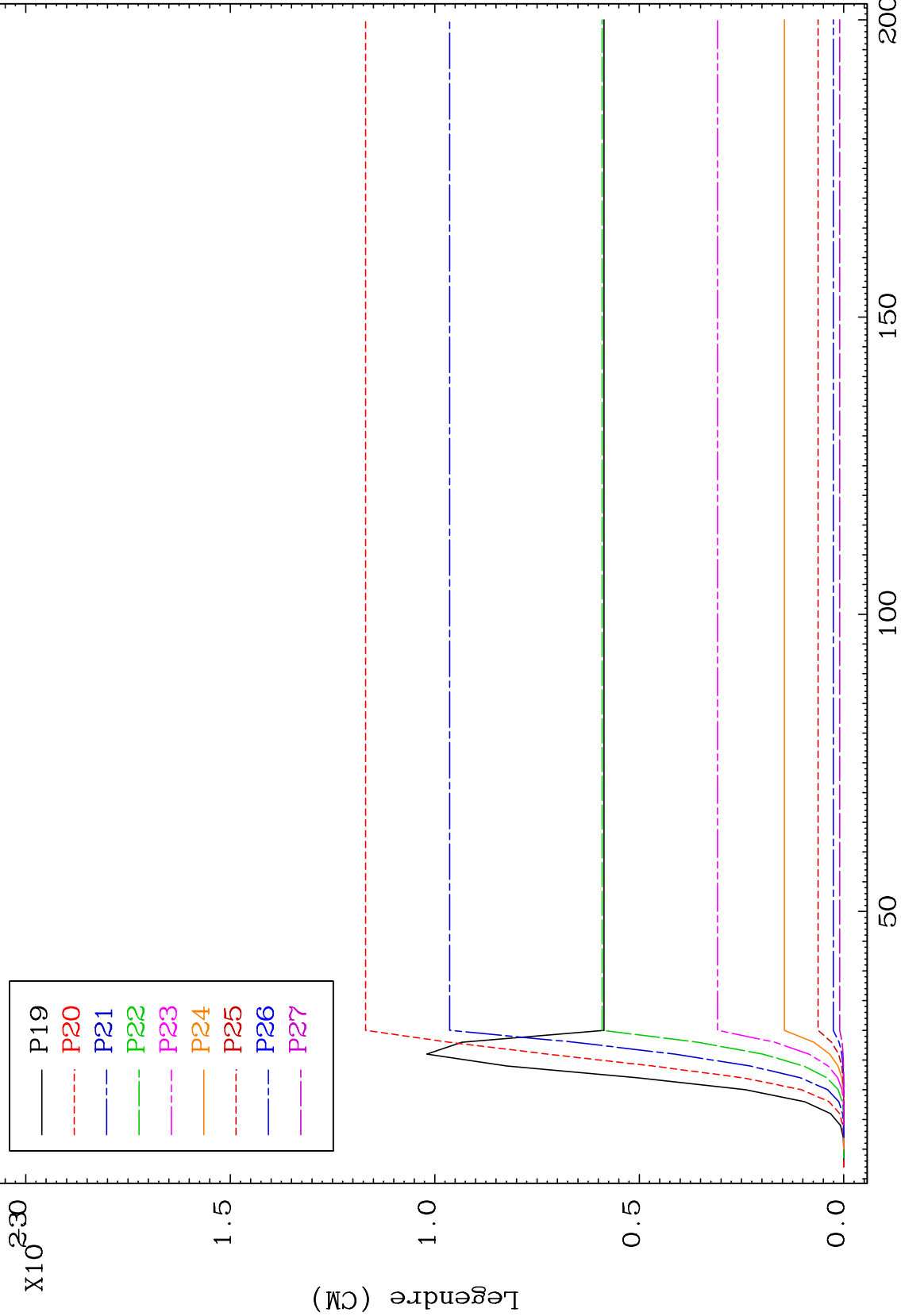
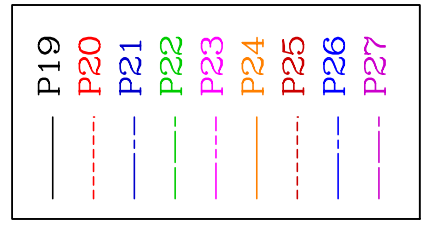
Incident Energy (MeV)

104

MAT 5852

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

58-Ce-145



106

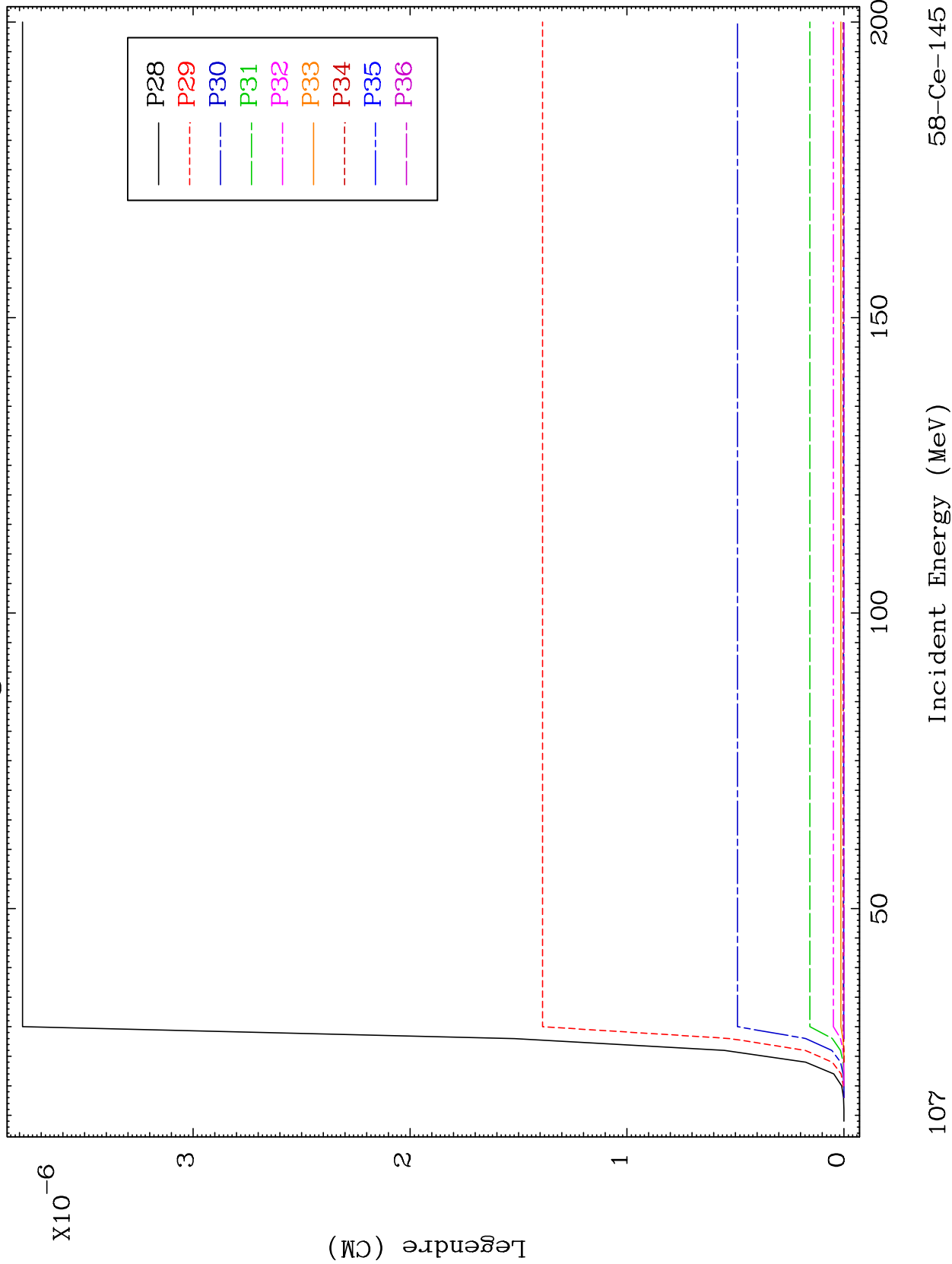
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145

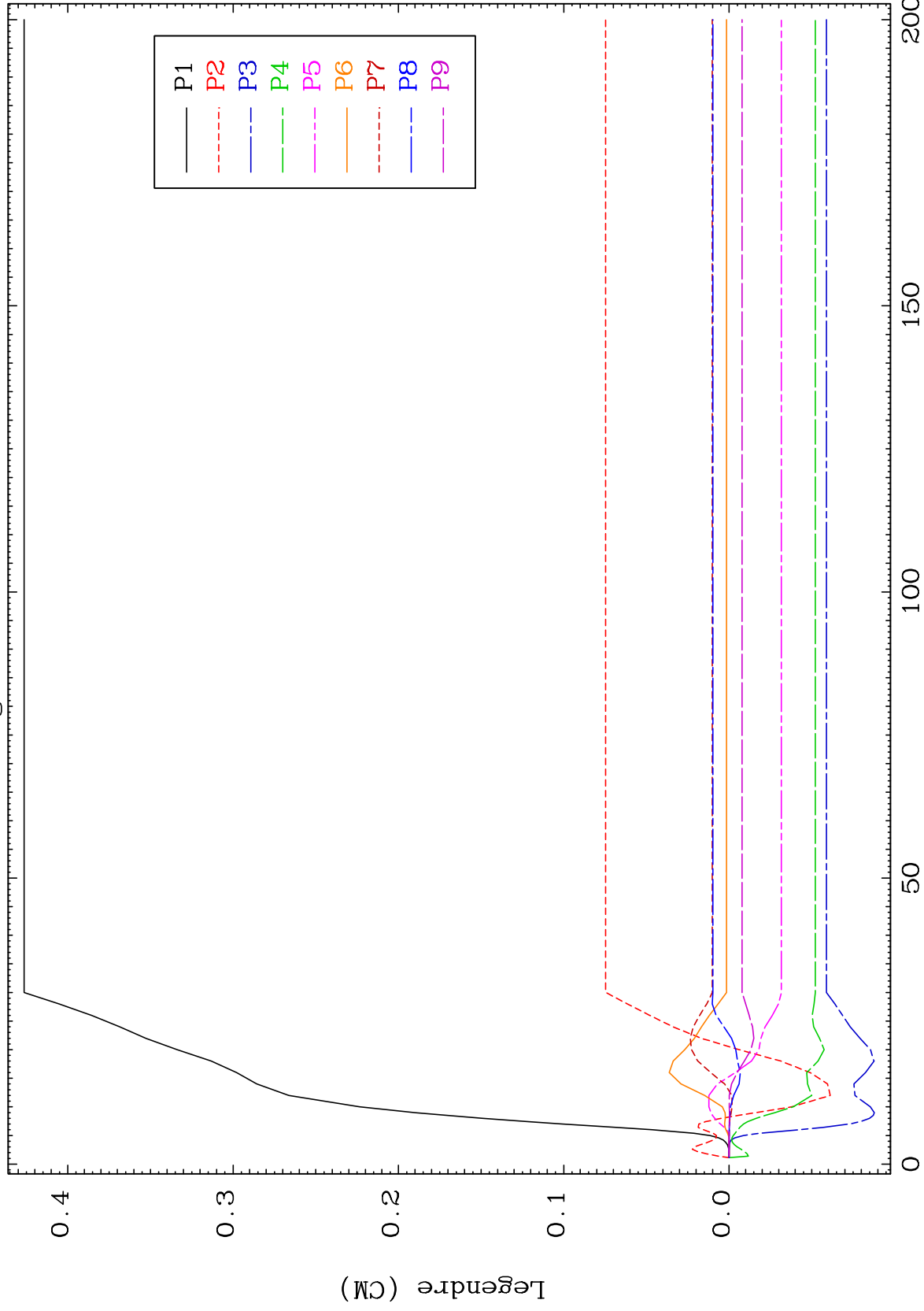


107

MAT 5852

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

58-Ce-145



58-Ce-145

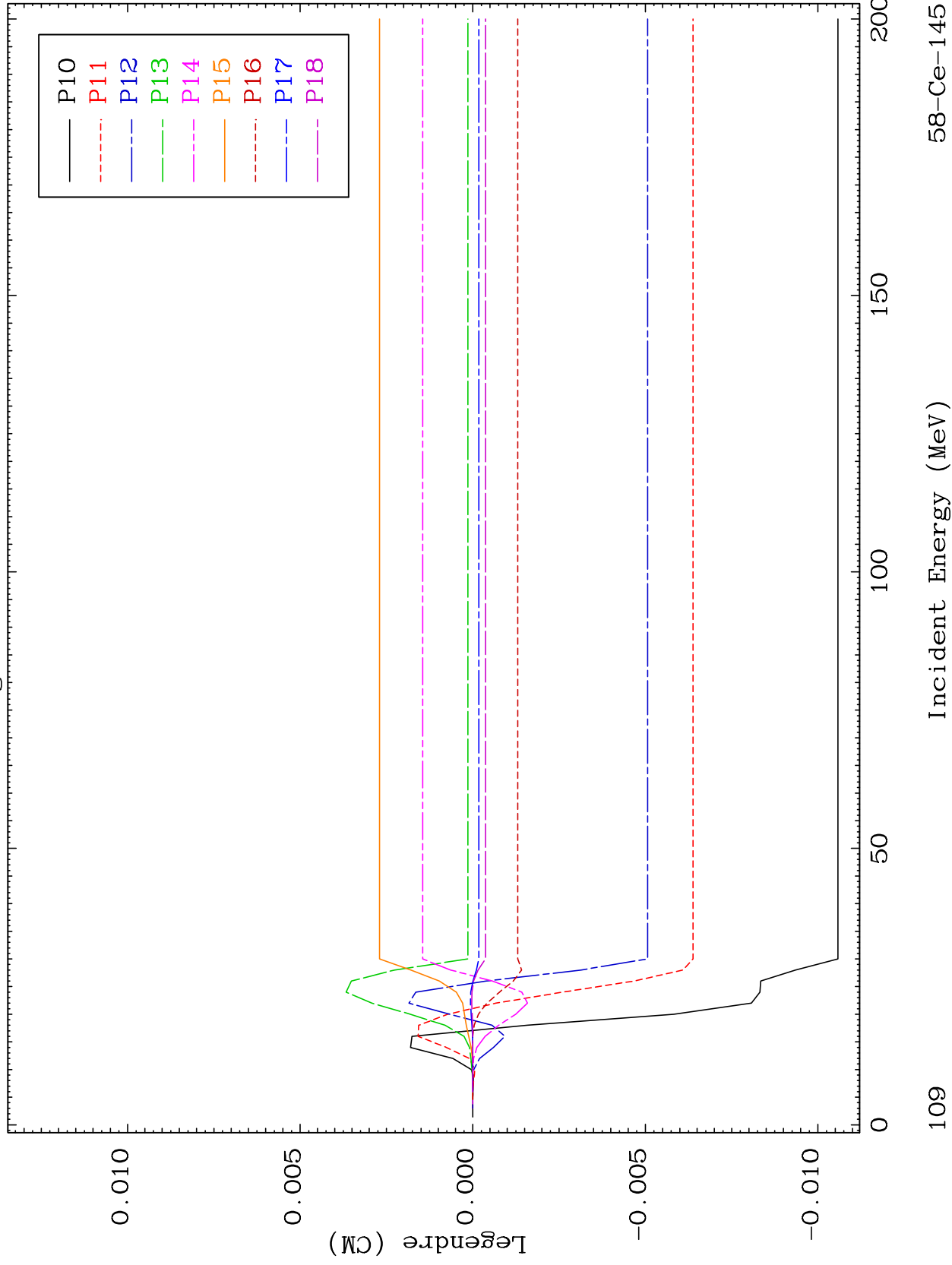
Incident Energy (MeV)

108

MAT 5852

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

58-Ce-145



109

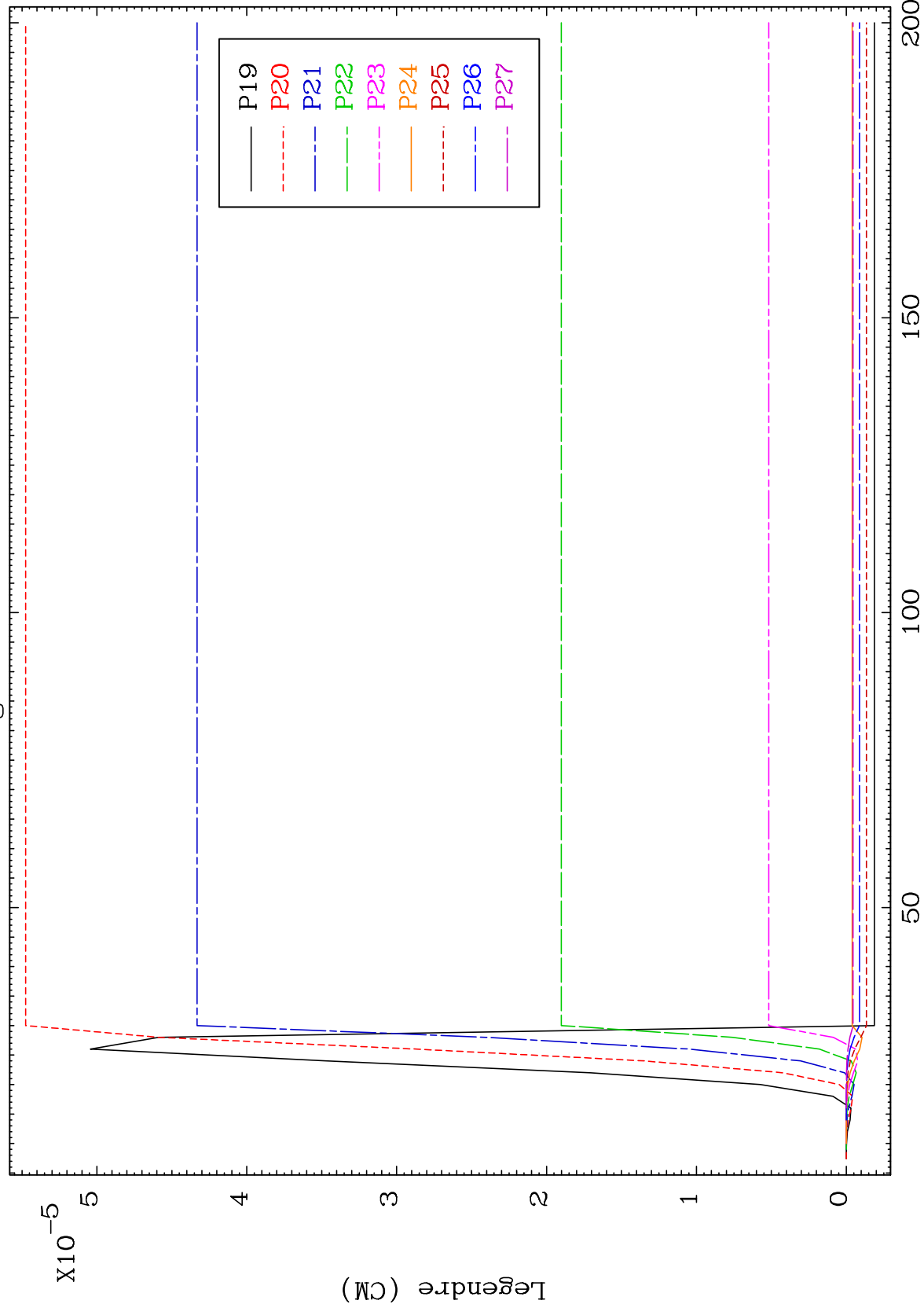
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

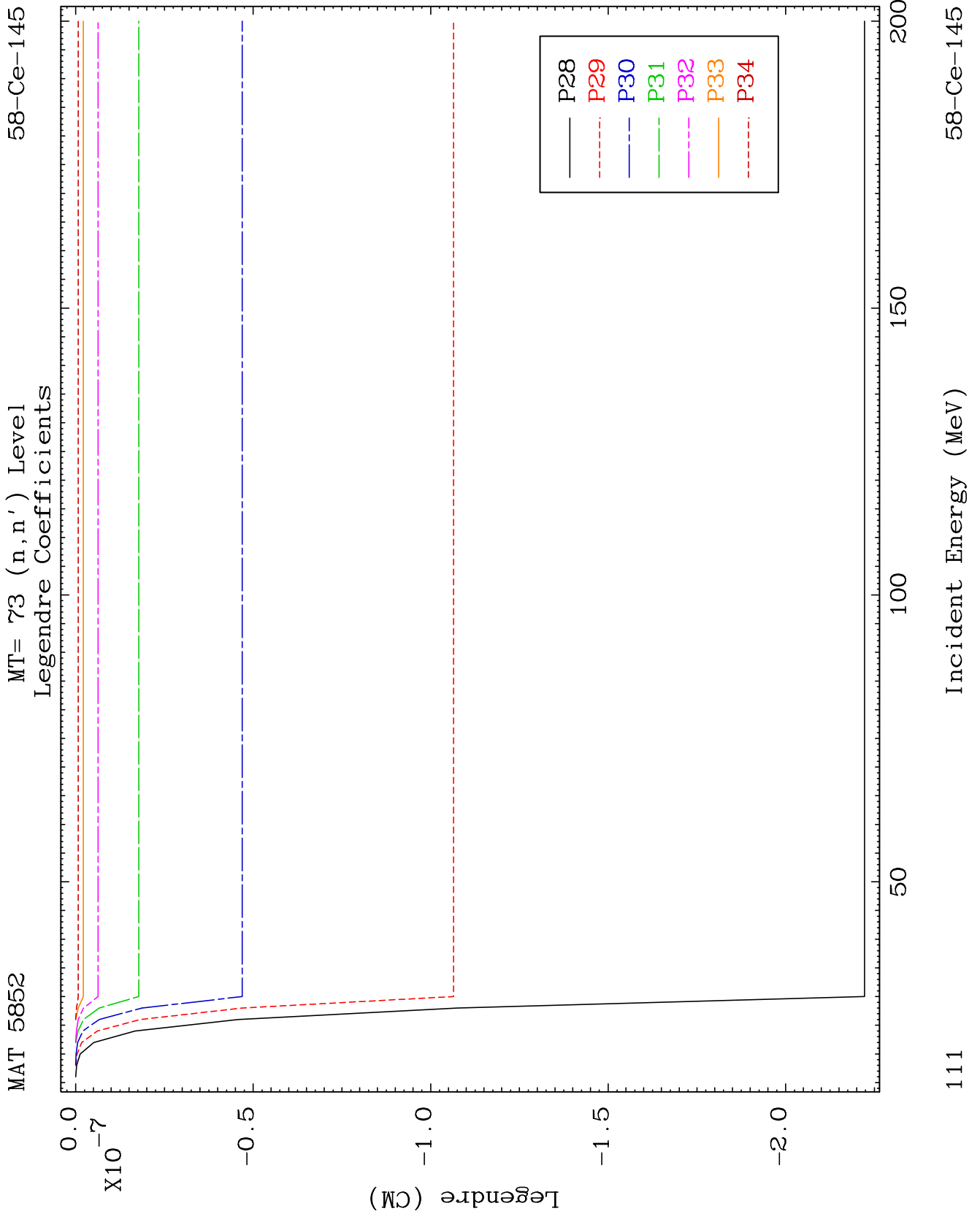
58-Ce-145



110

Incident Energy (MeV)

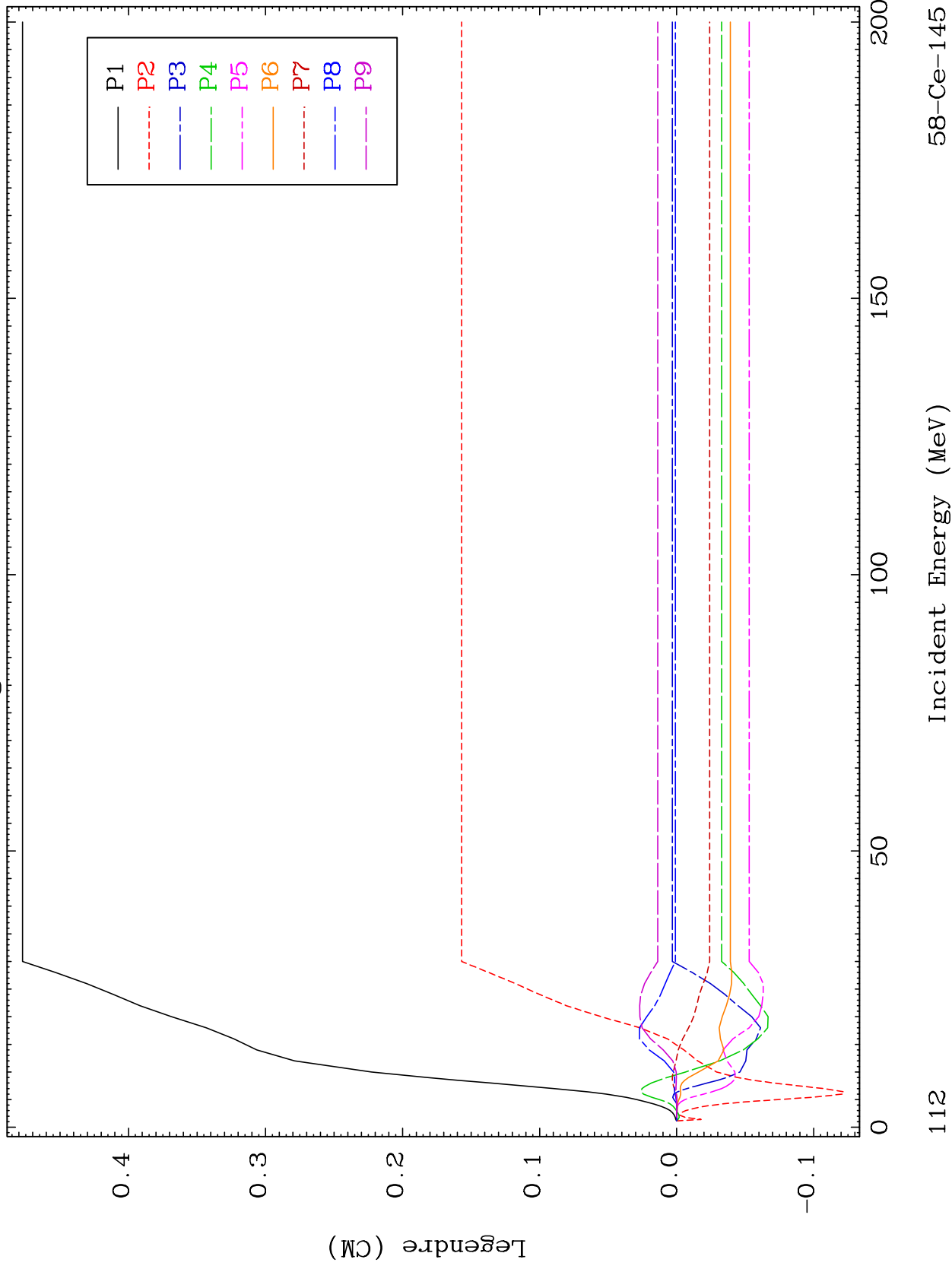
58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

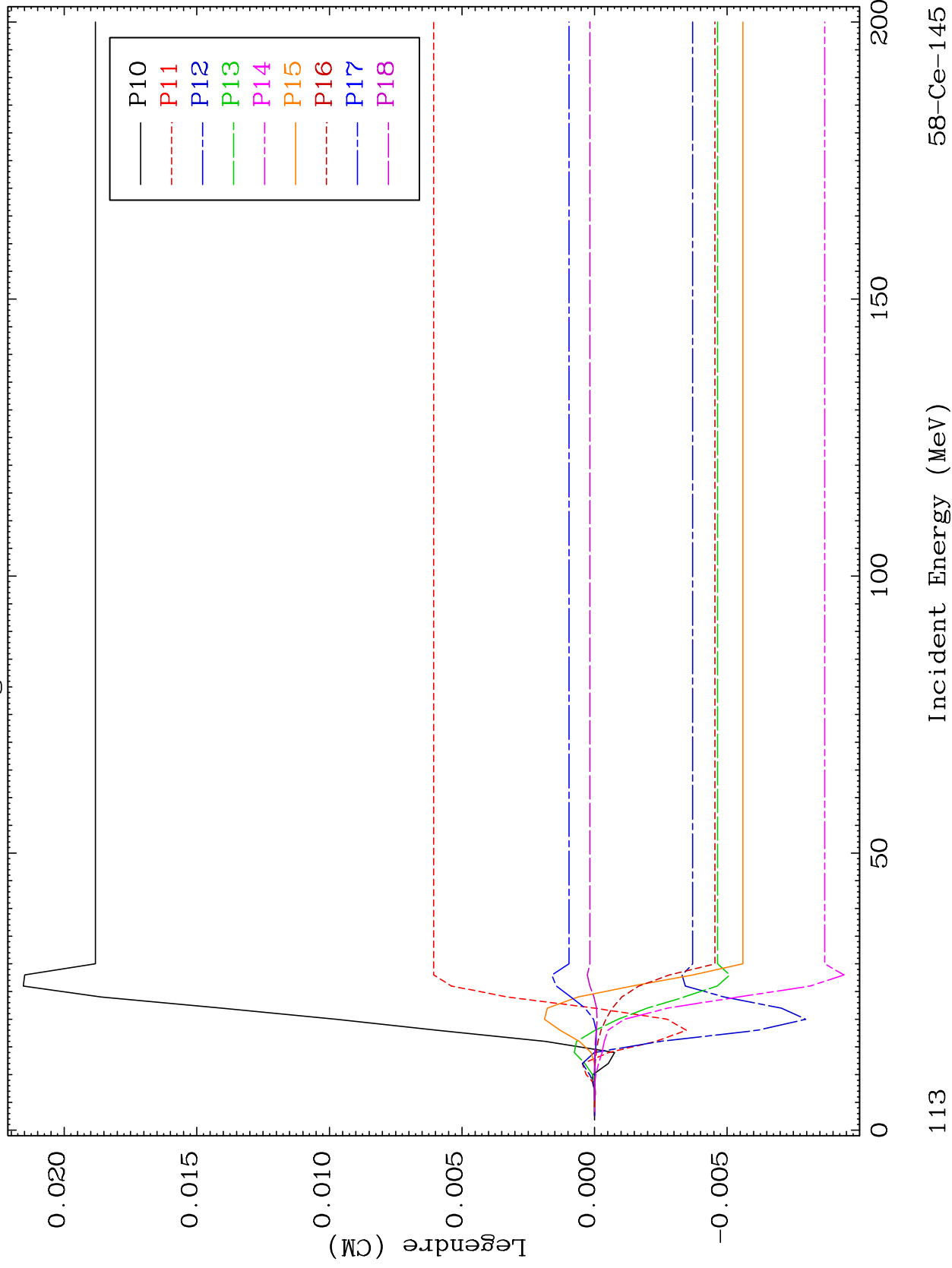
Incident Energy (MeV)

112

MAT 5852

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

58-Ce-145



113

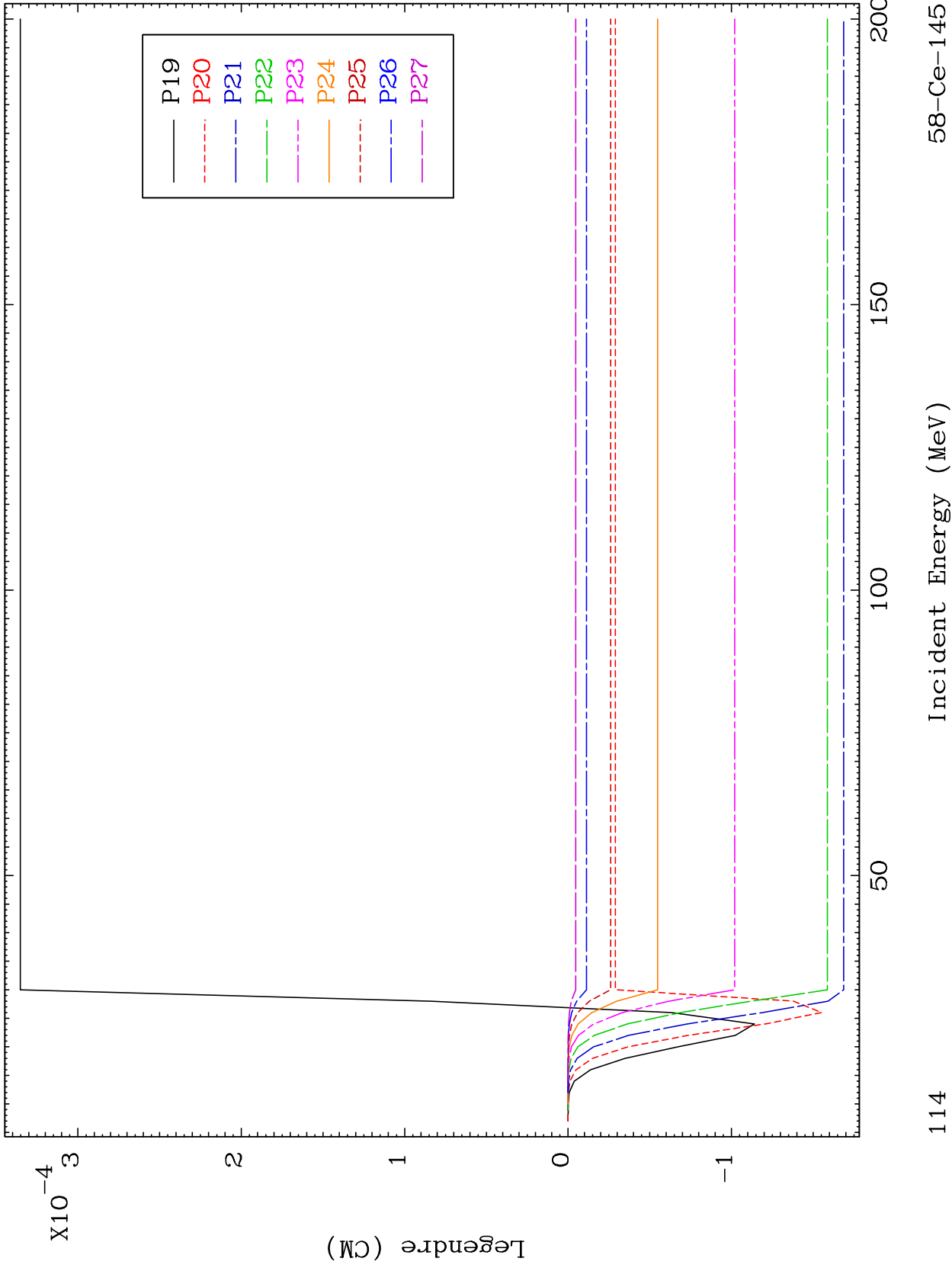
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

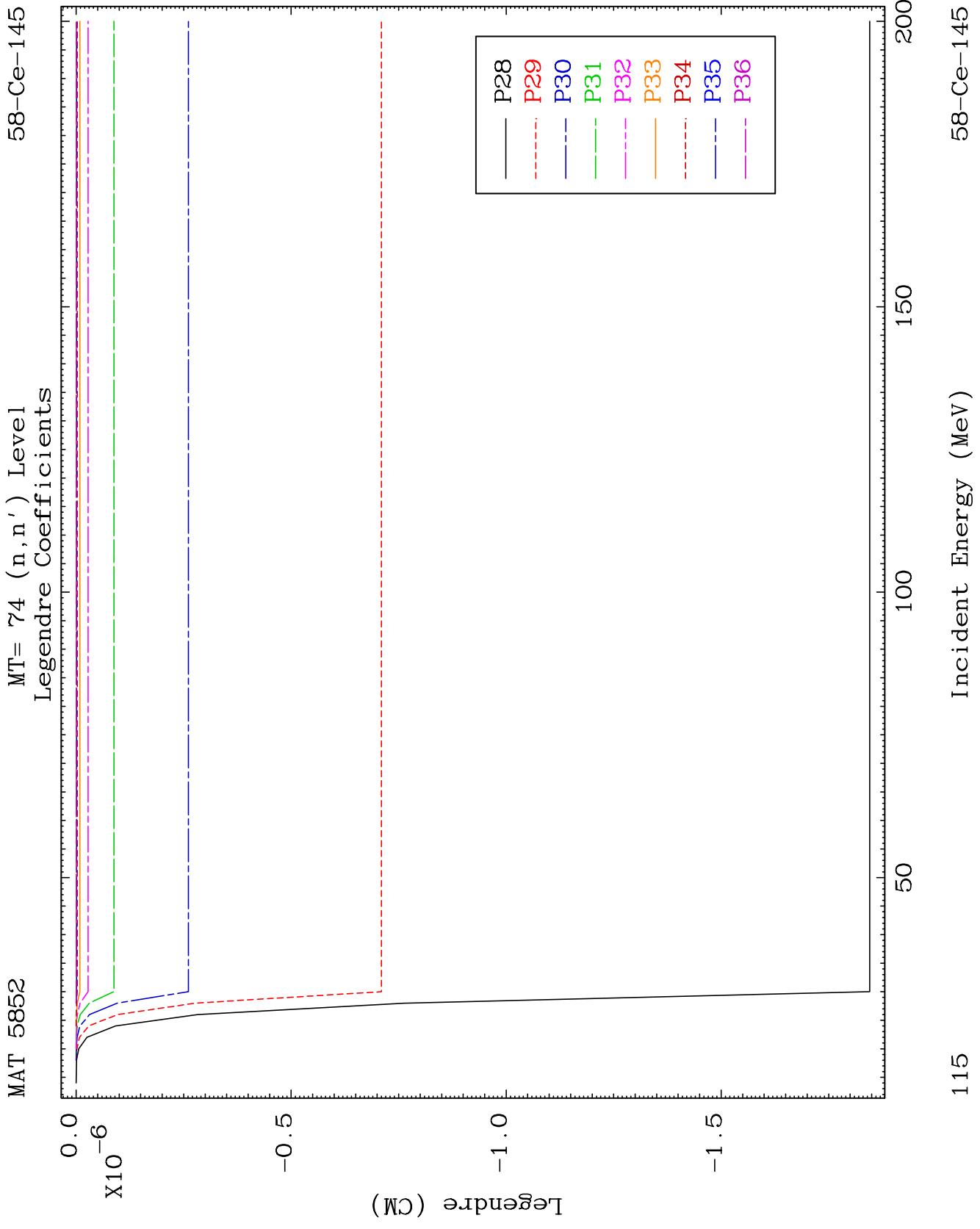
58-Ce-145



114

Incident Energy (MeV)

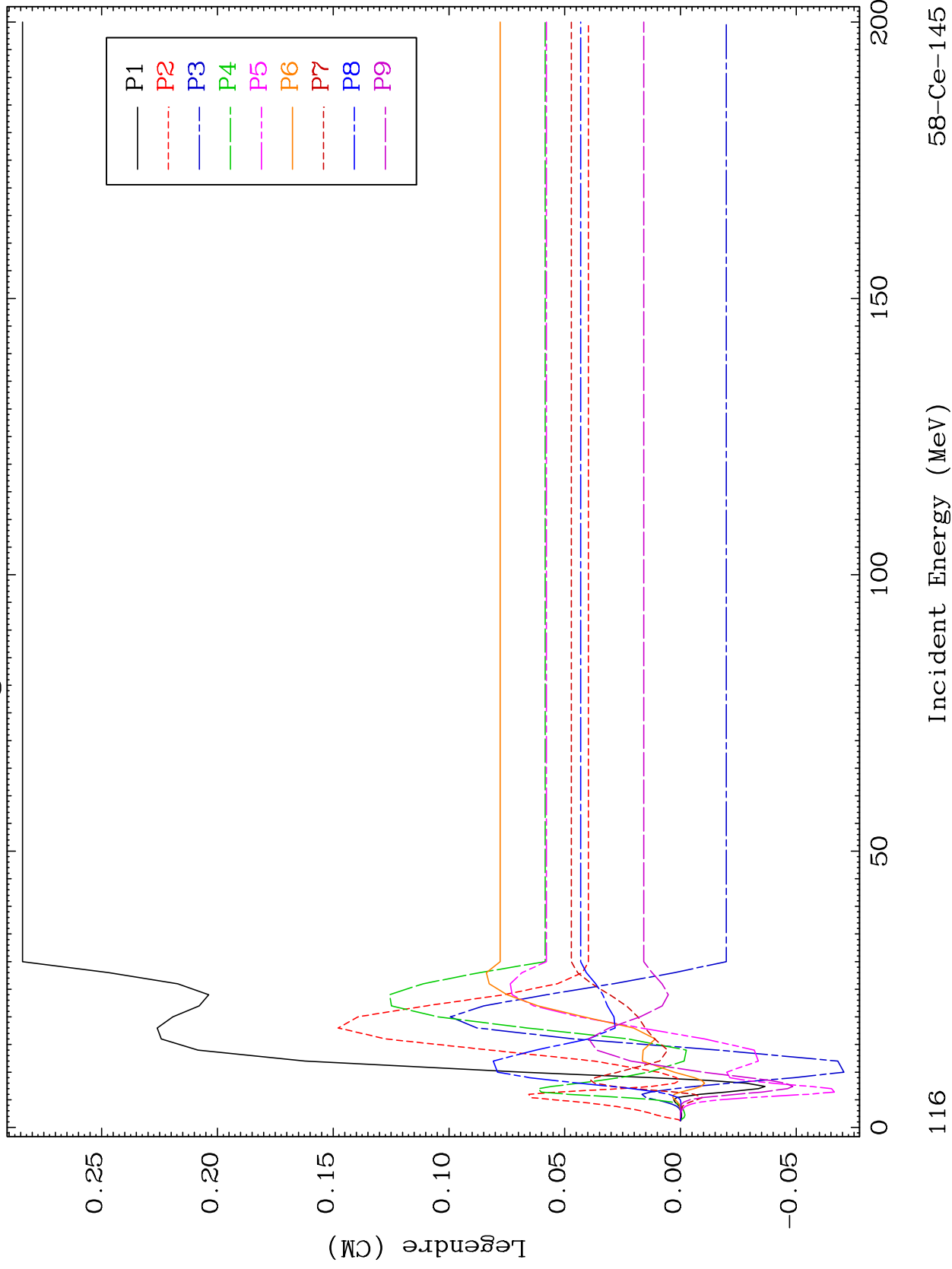
58-Ce-145



MAT 5852

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

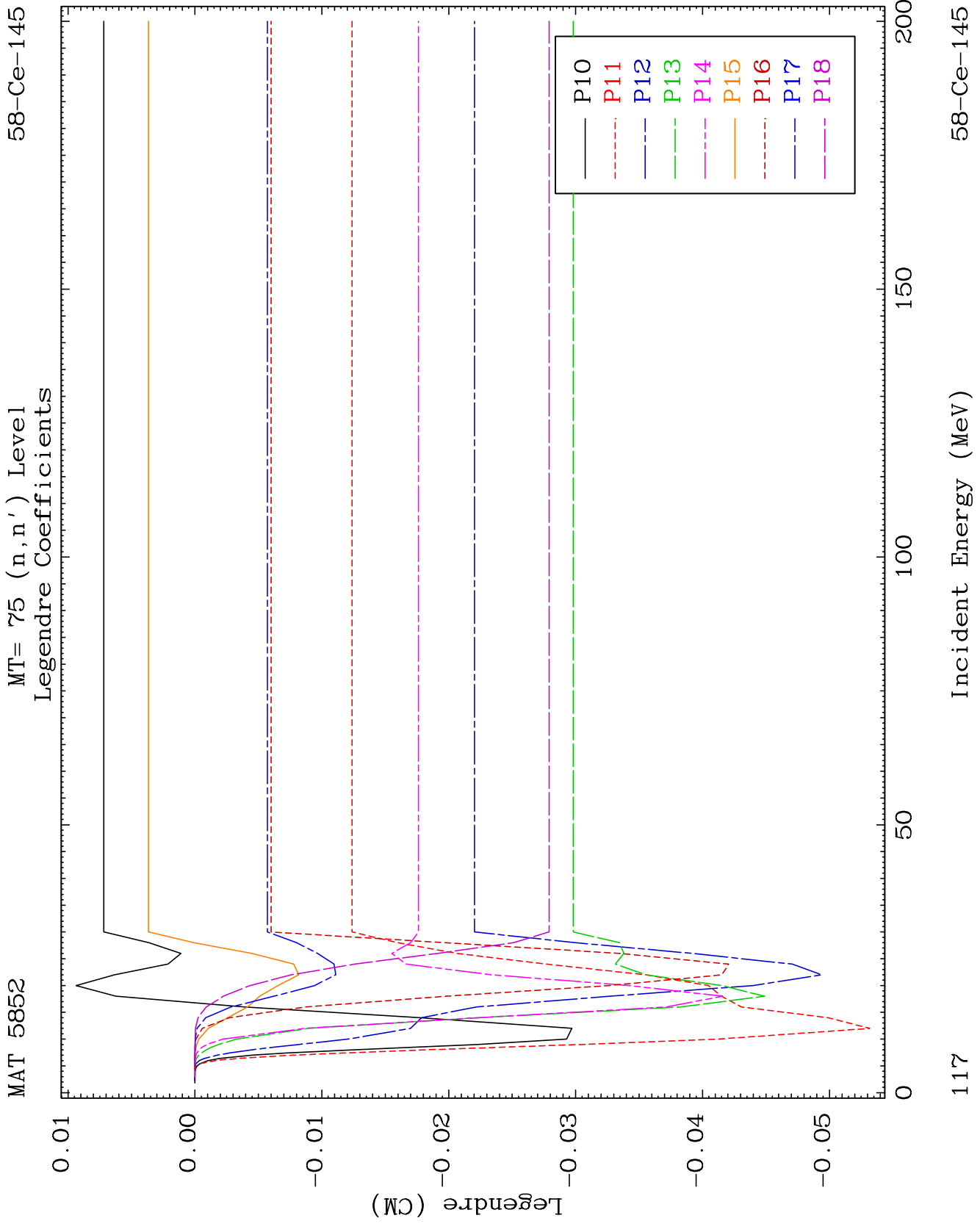
58-Ce-145



58-Ce-145

Incident Energy (MeV)

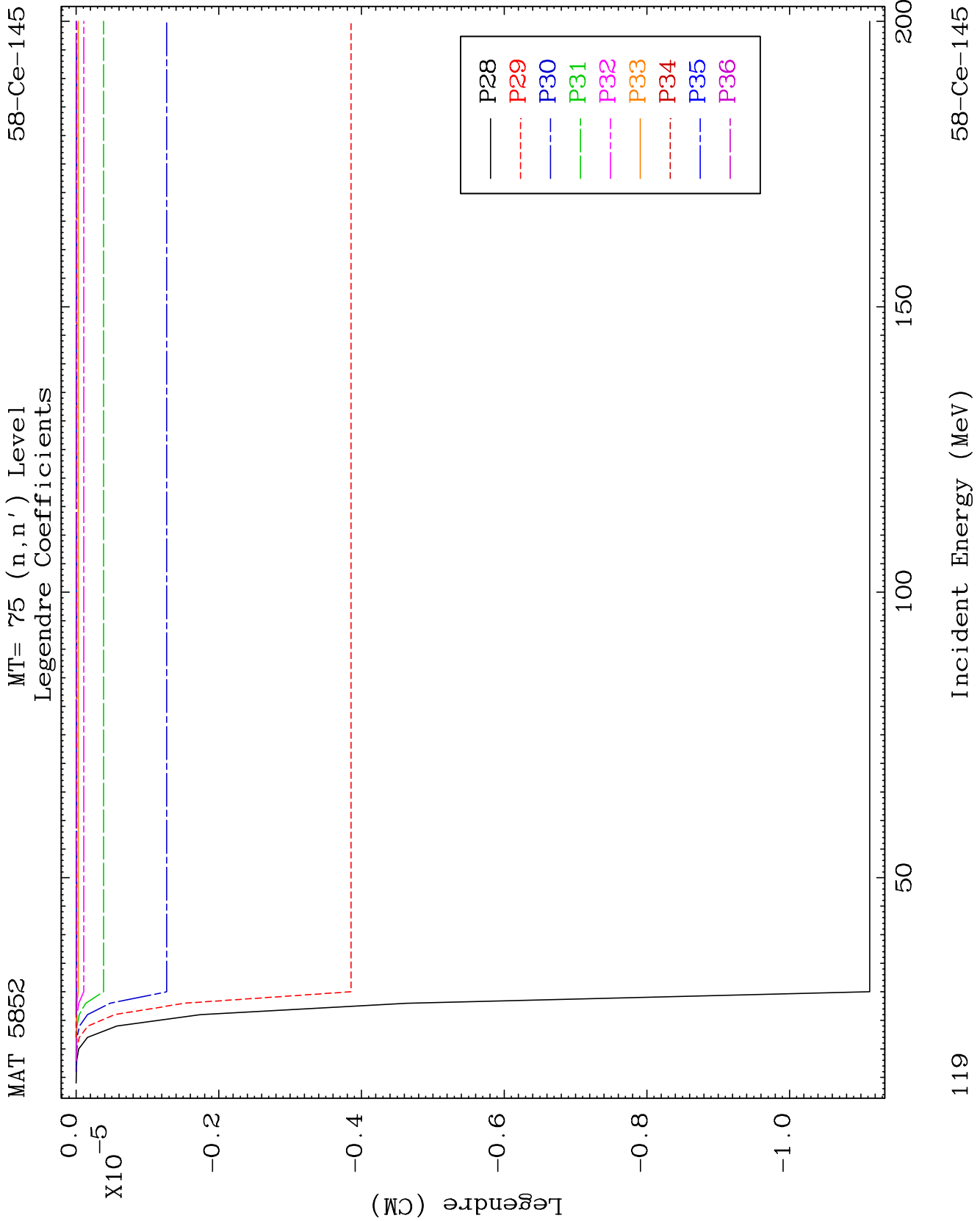
116



58-Ce-145

Incident Energy (MeV)

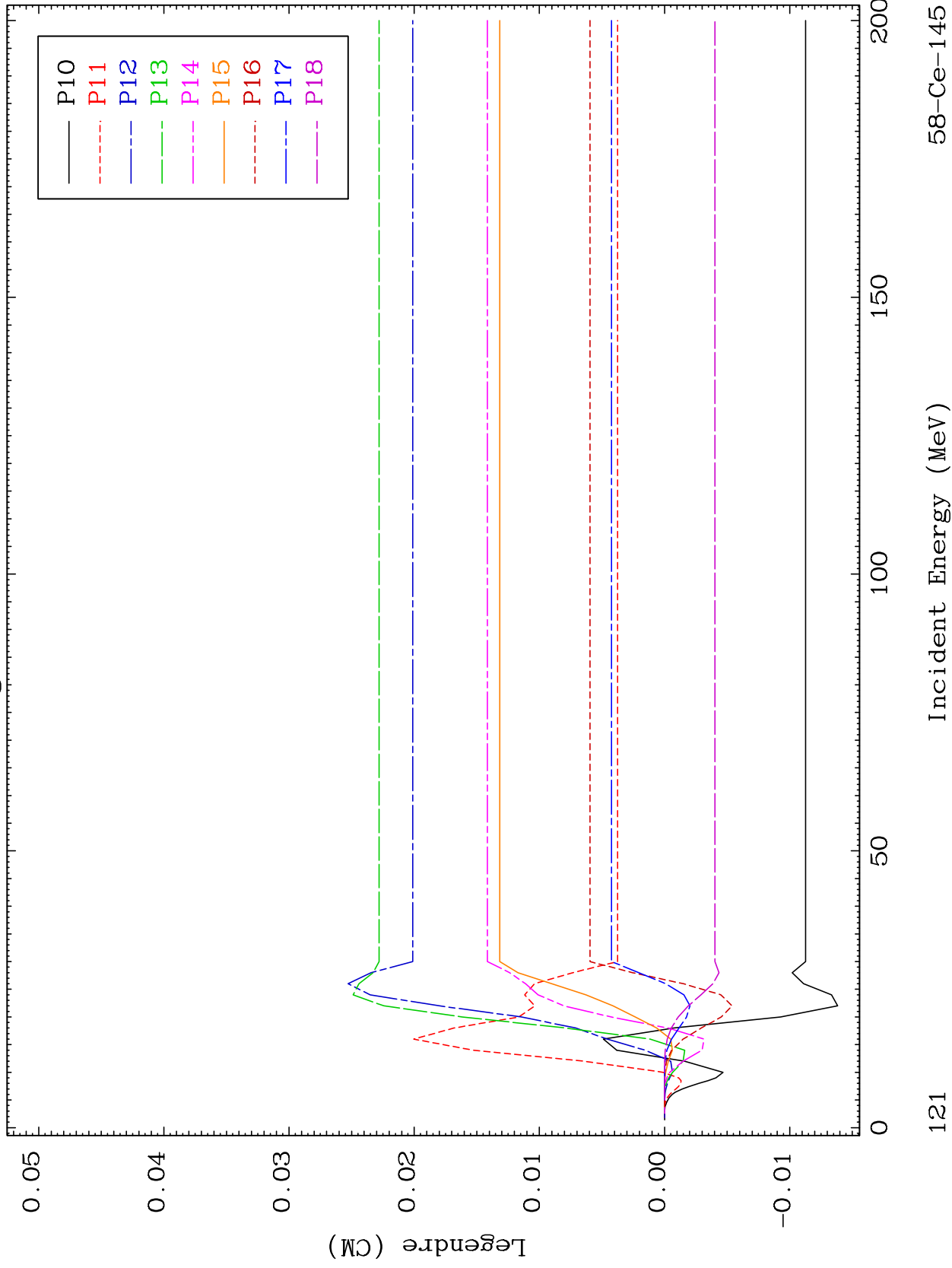
117



MAT 5852

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

58-Ce-145



58-Ce-145

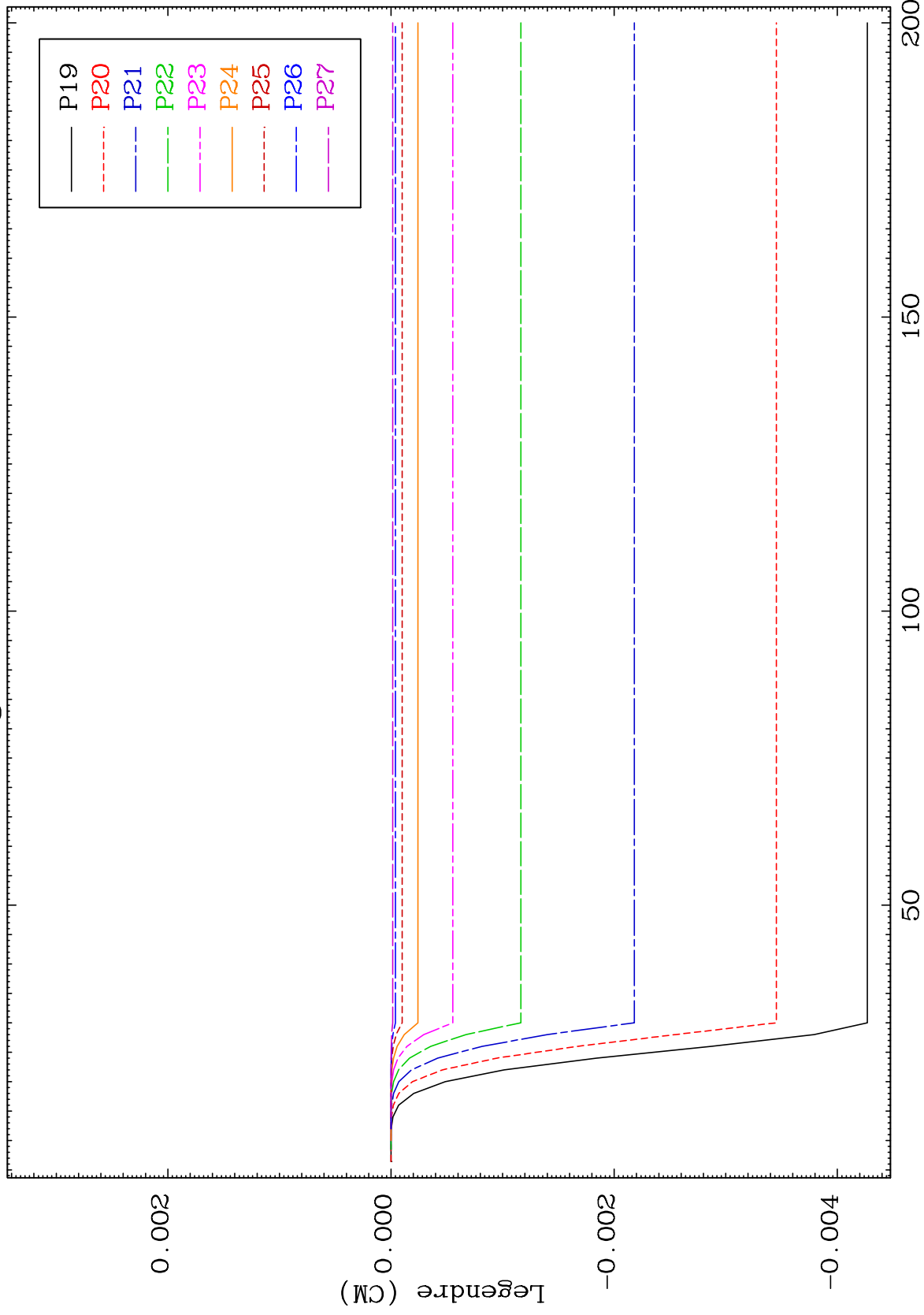
Incident Energy (MeV)

121

MAT 5852

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

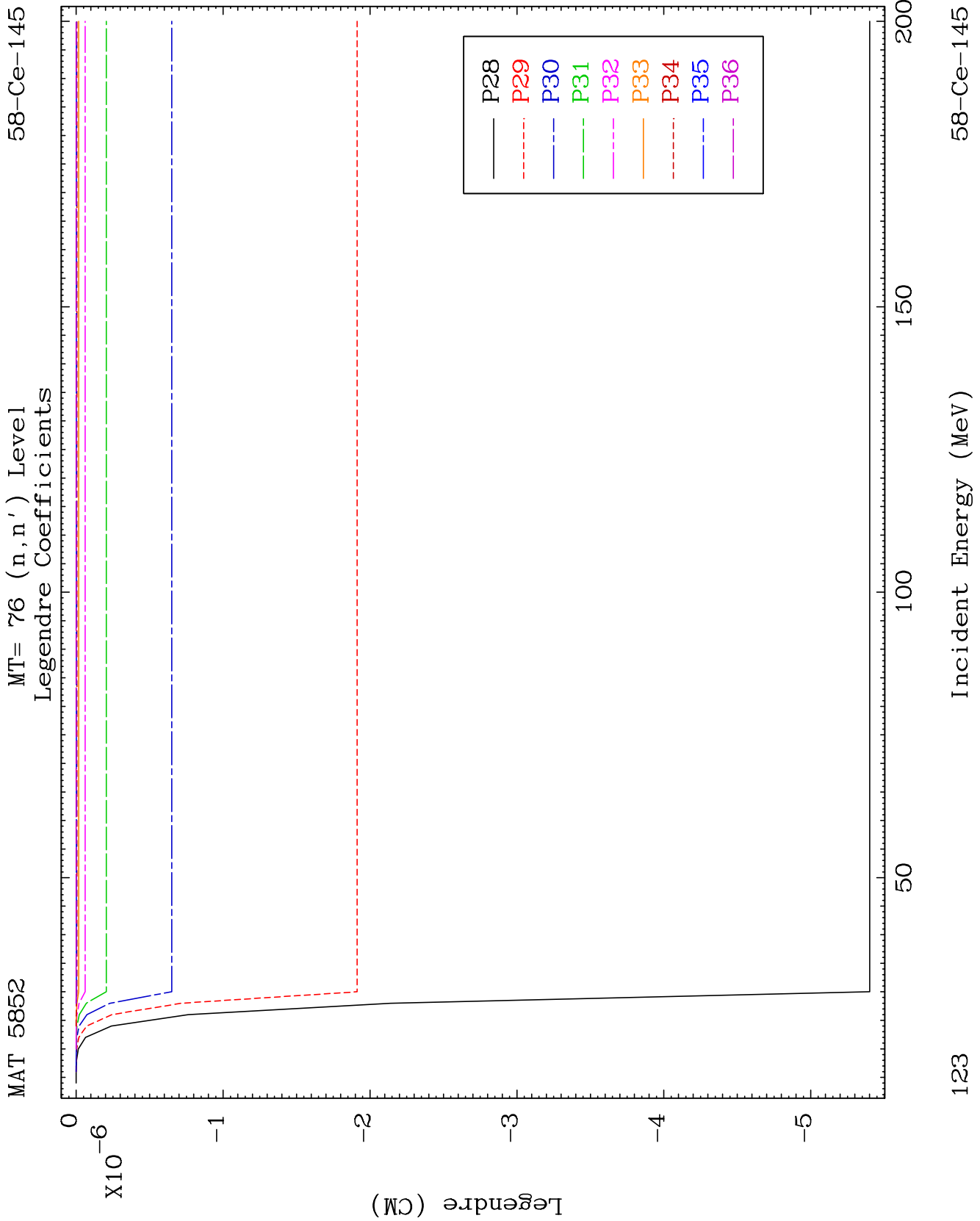
58-Ce-145



122

Incident Energy (MeV)

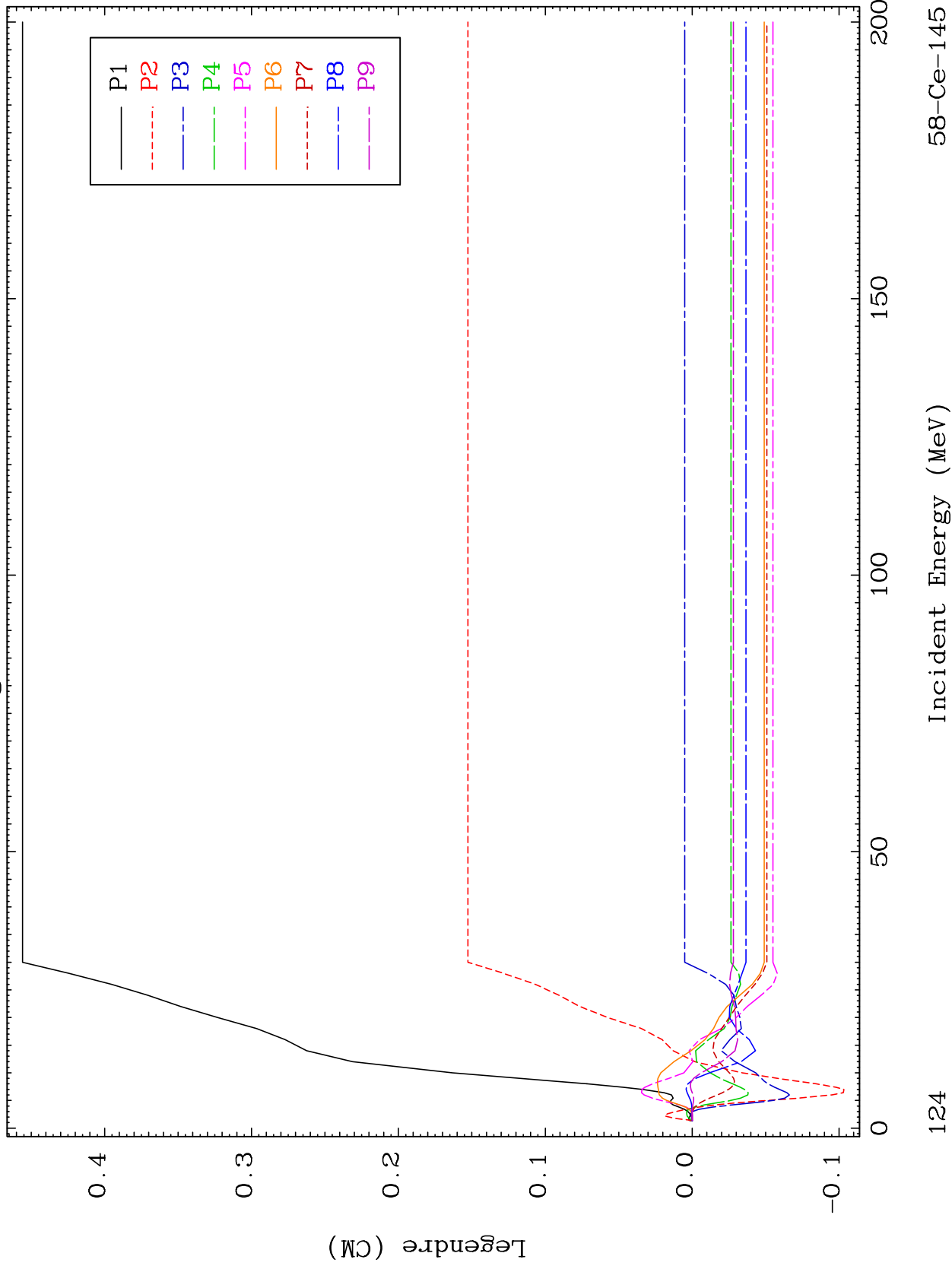
58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

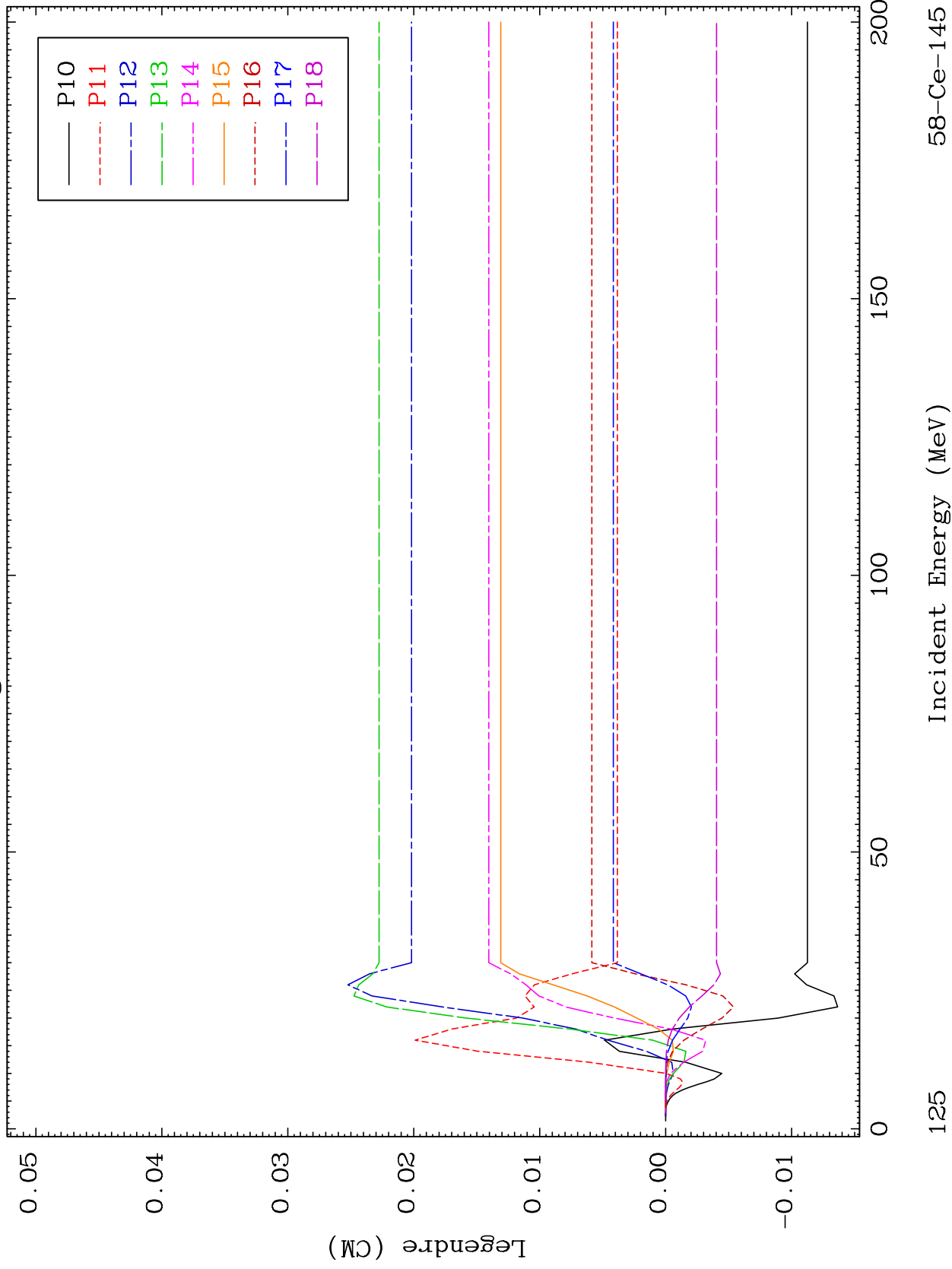
Incident Energy (MeV)

124

MAT 5852

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

58-Ce-145



58-Ce-145

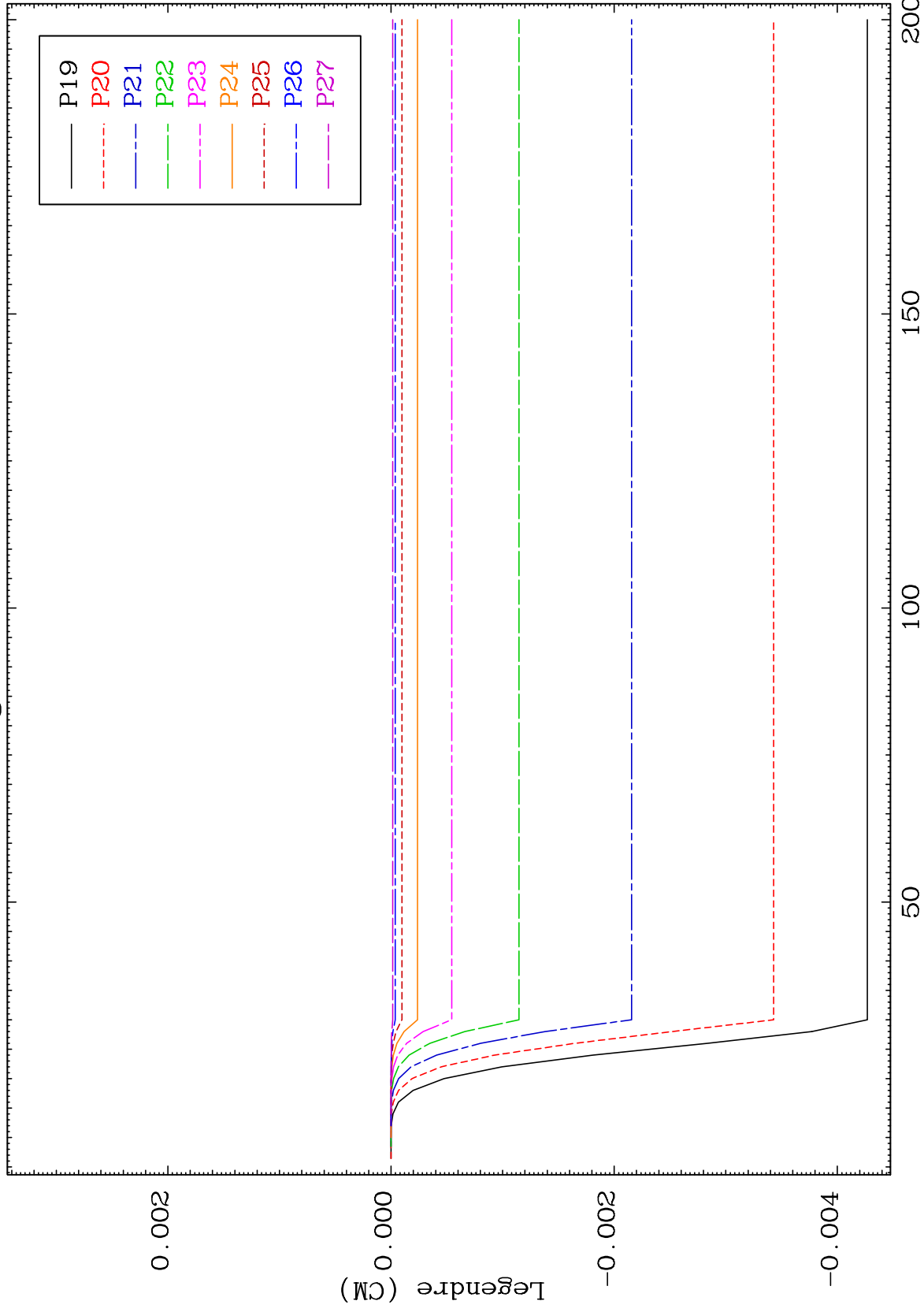
Incident Energy (MeV)

125

MAT 5852

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

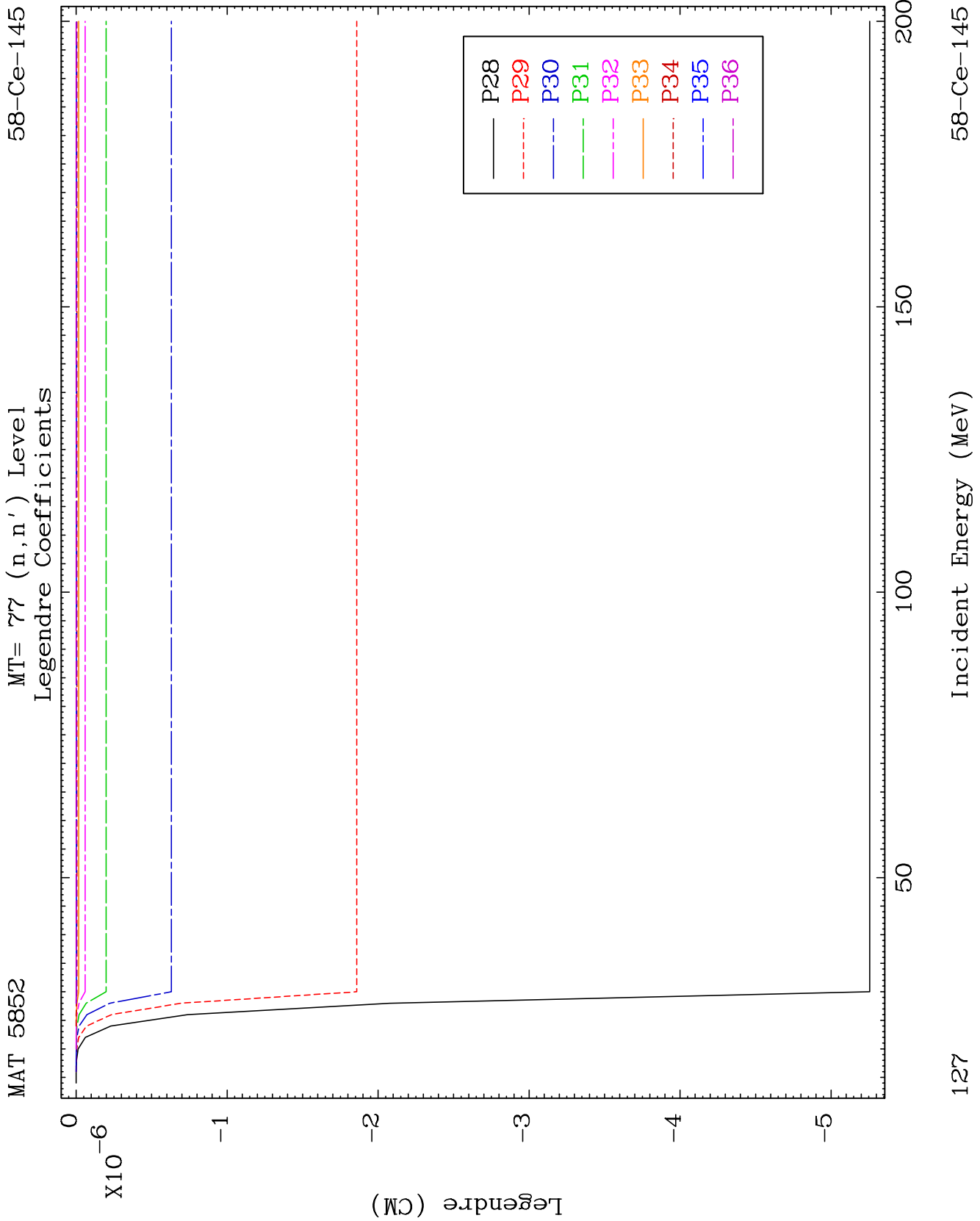
58-Ce-145



126

Incident Energy (MeV)

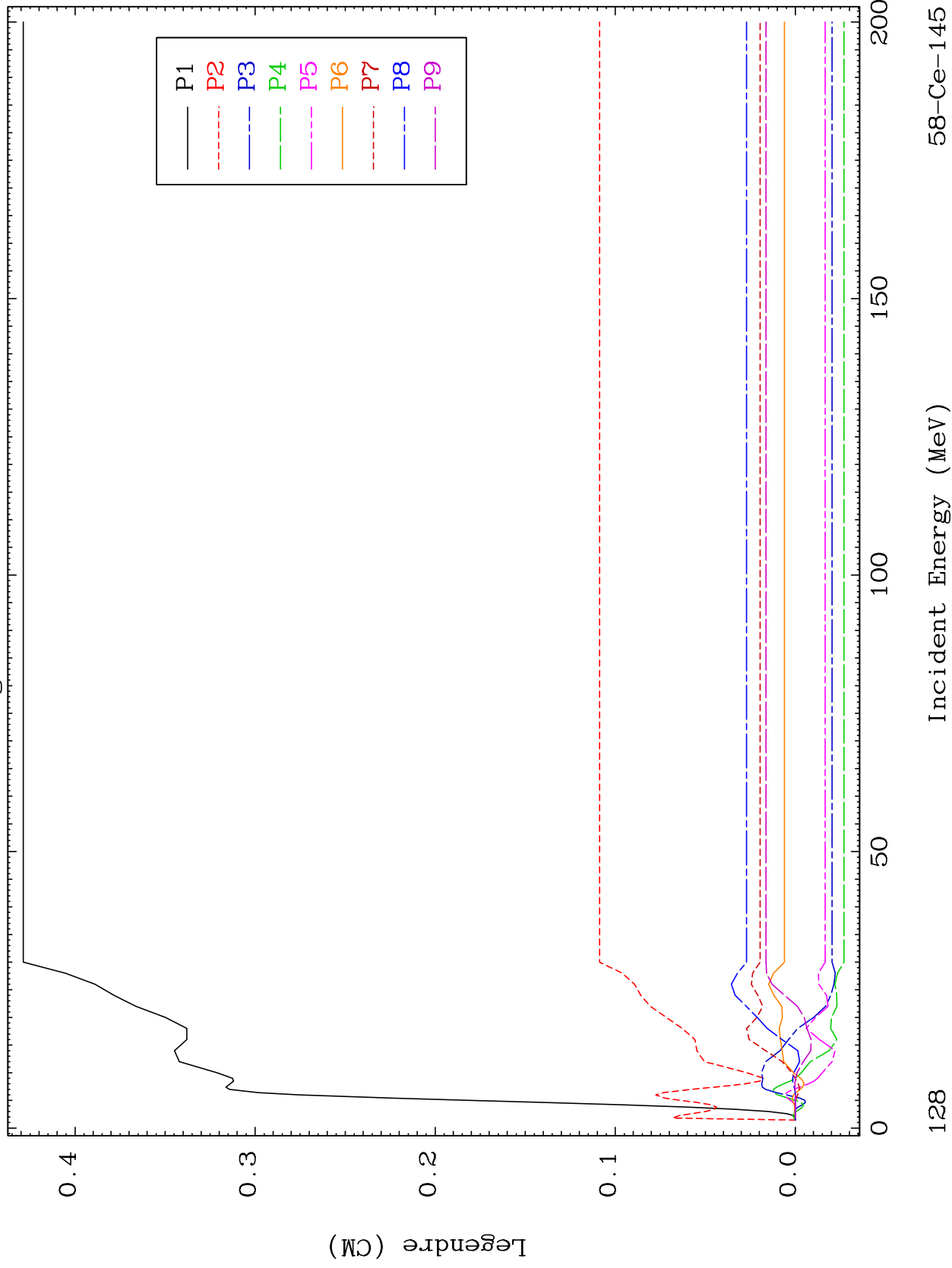
58-Ce-145



MAT 5852

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

58-Ce-145



128

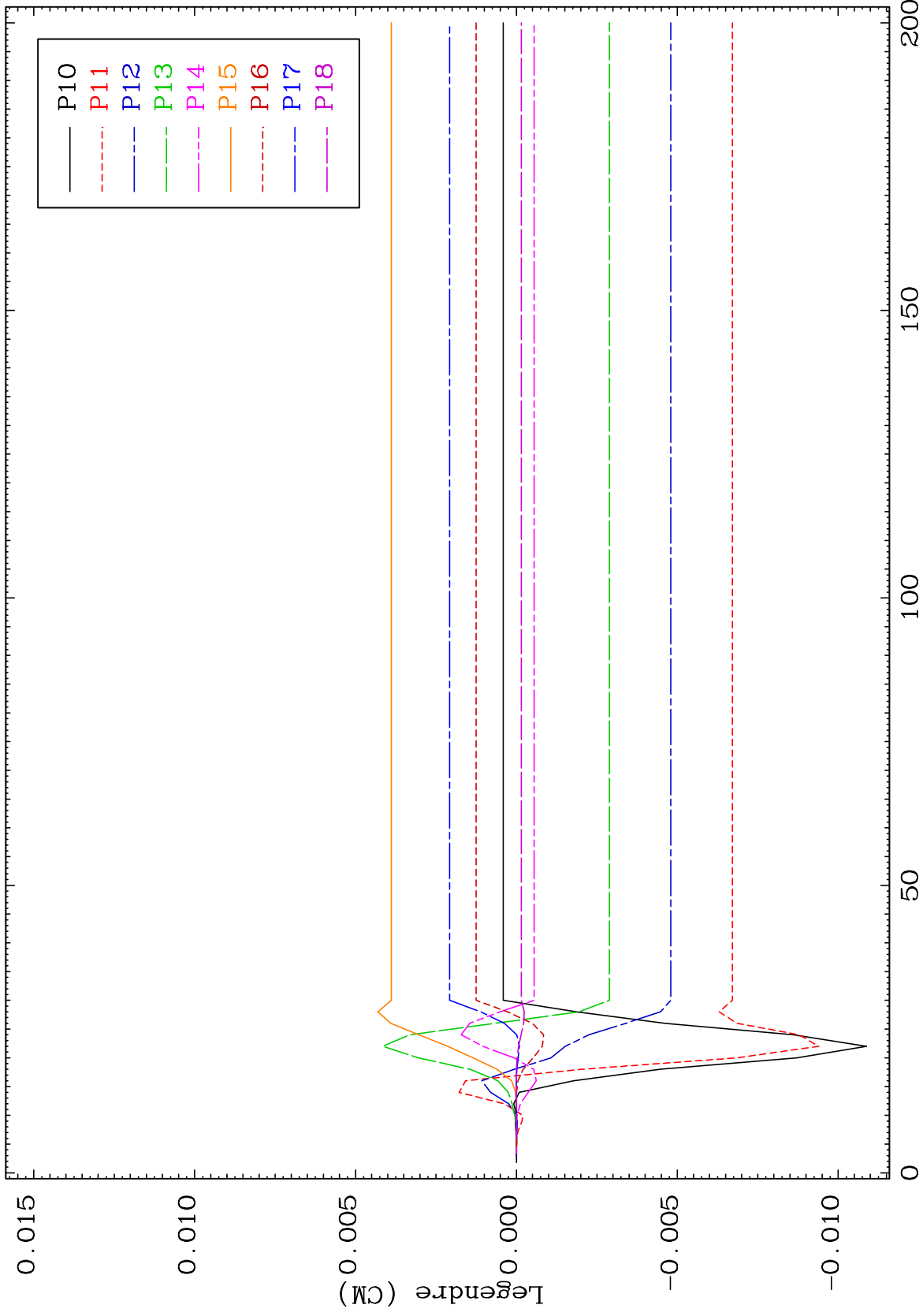
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

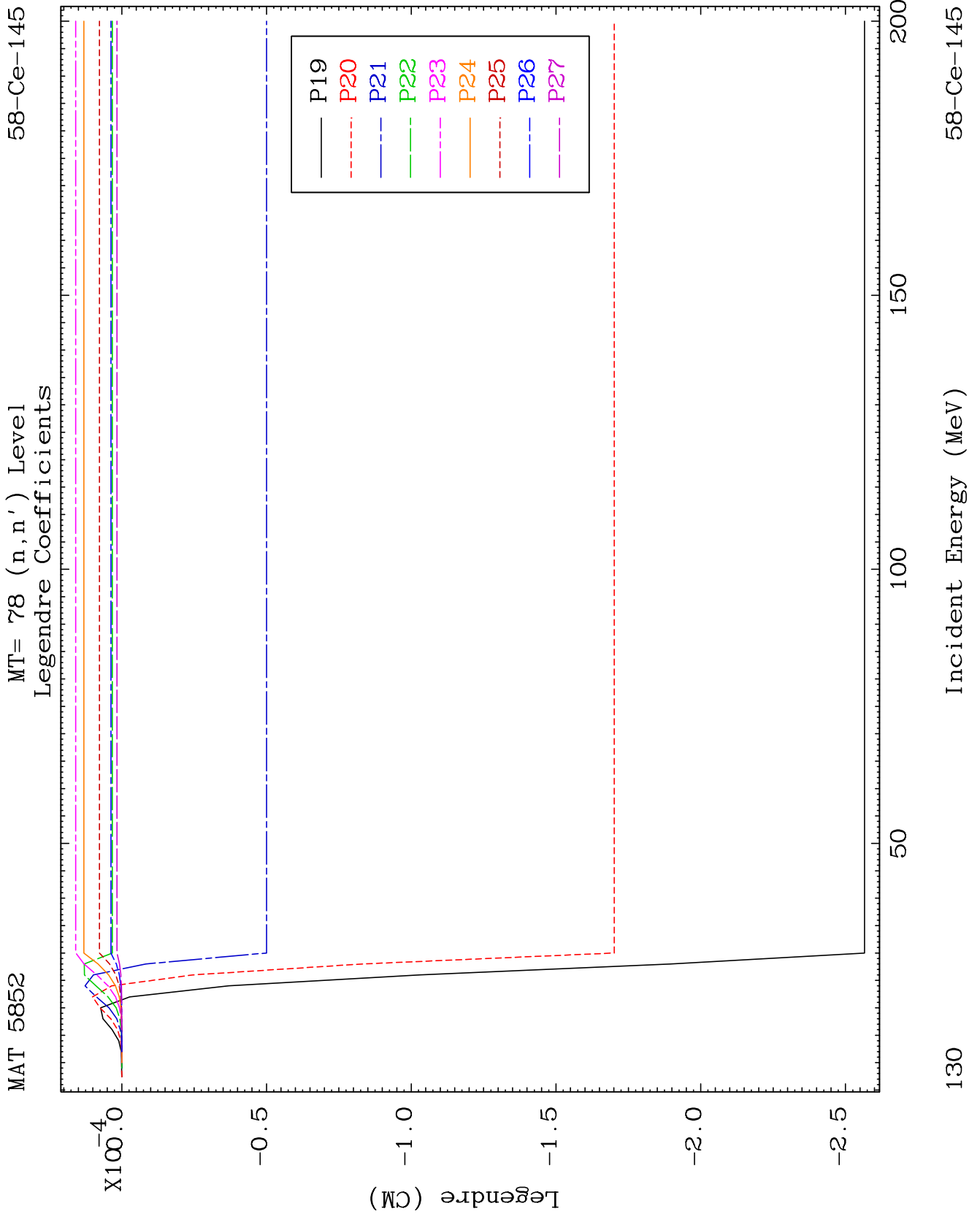
58-Ce-145



129

Incident Energy (MeV)

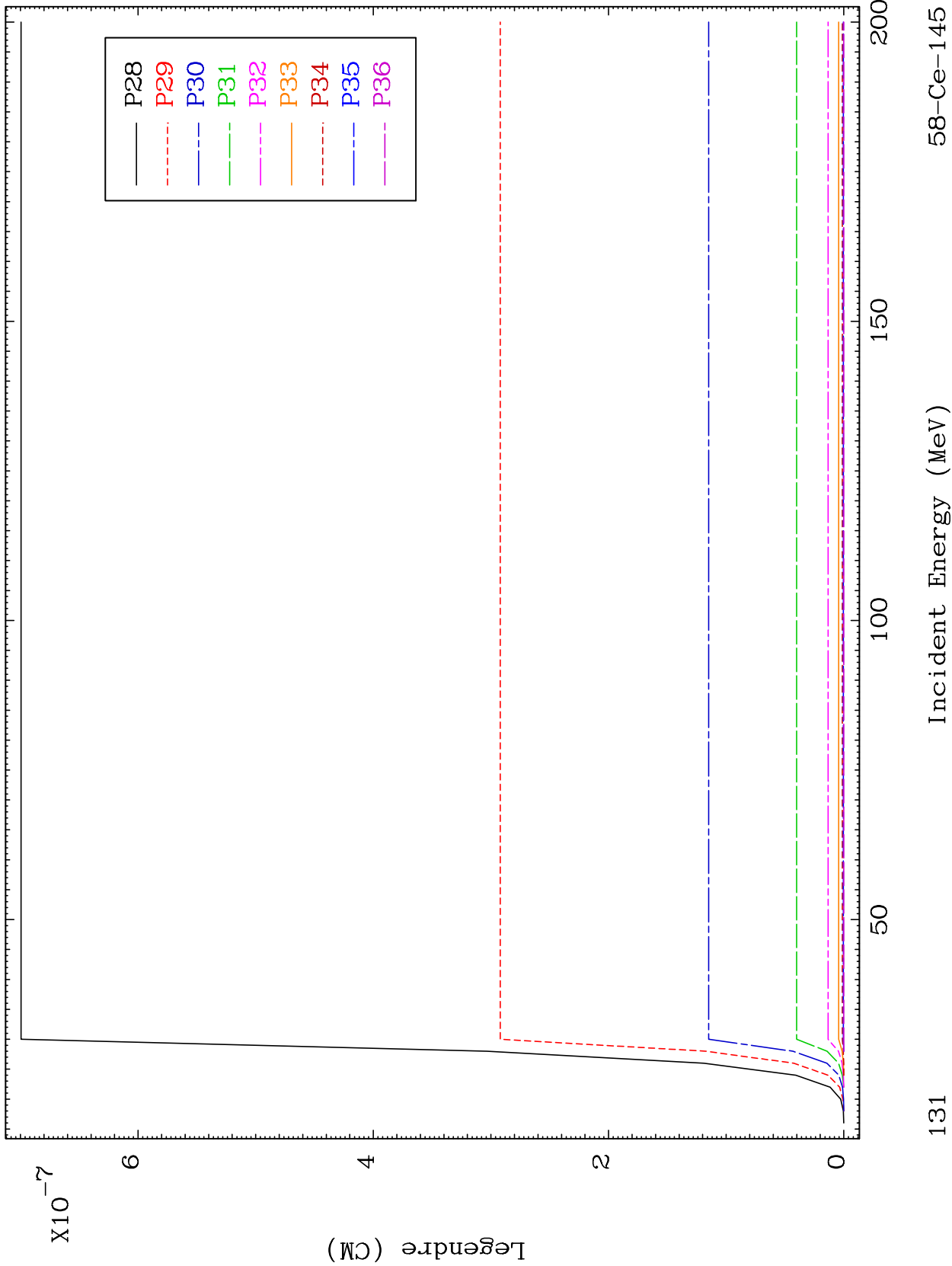
58-Ce-145



MAT 5852

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

58-Ce-145



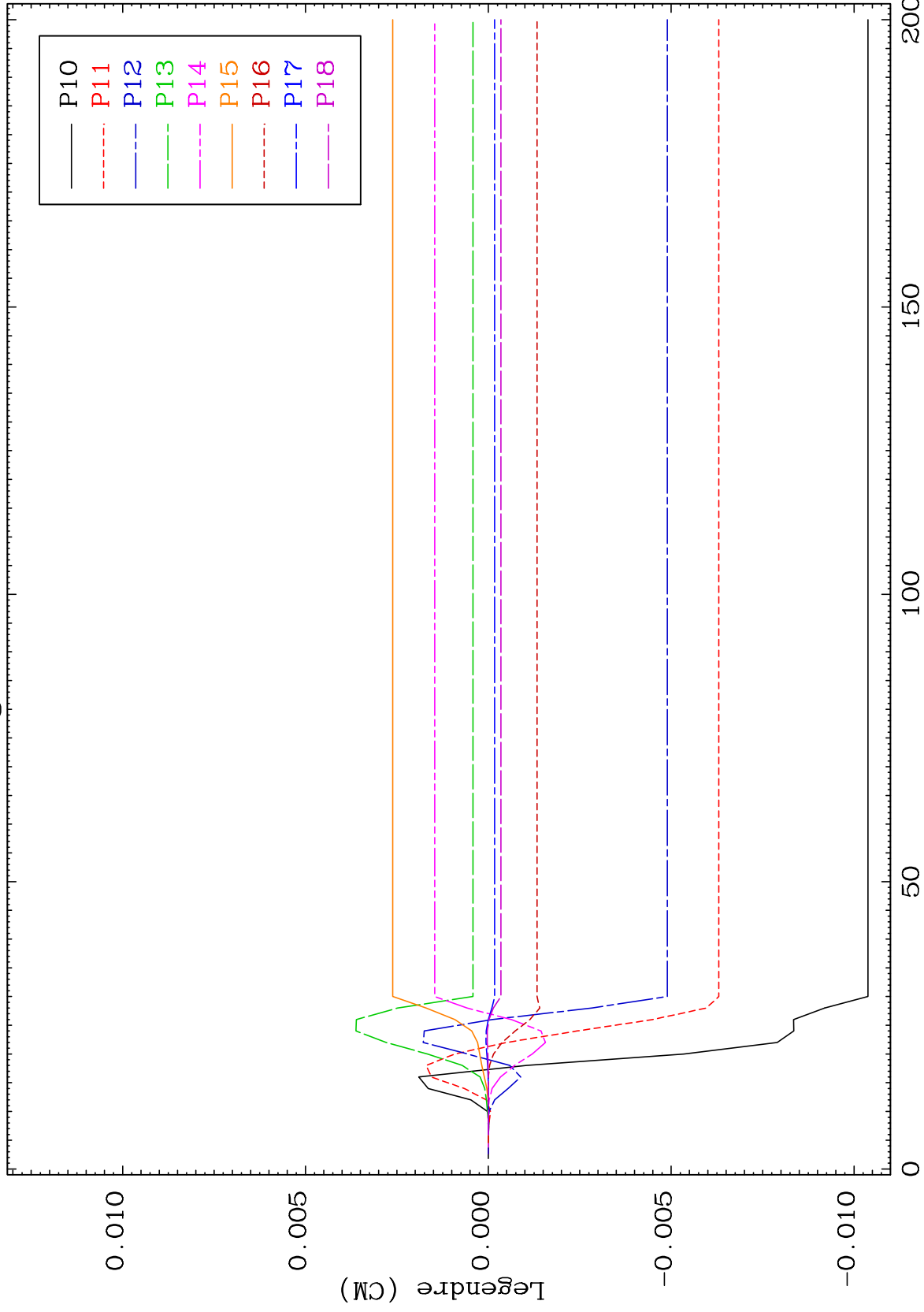
131

58-Ce-145

MAT 5852

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

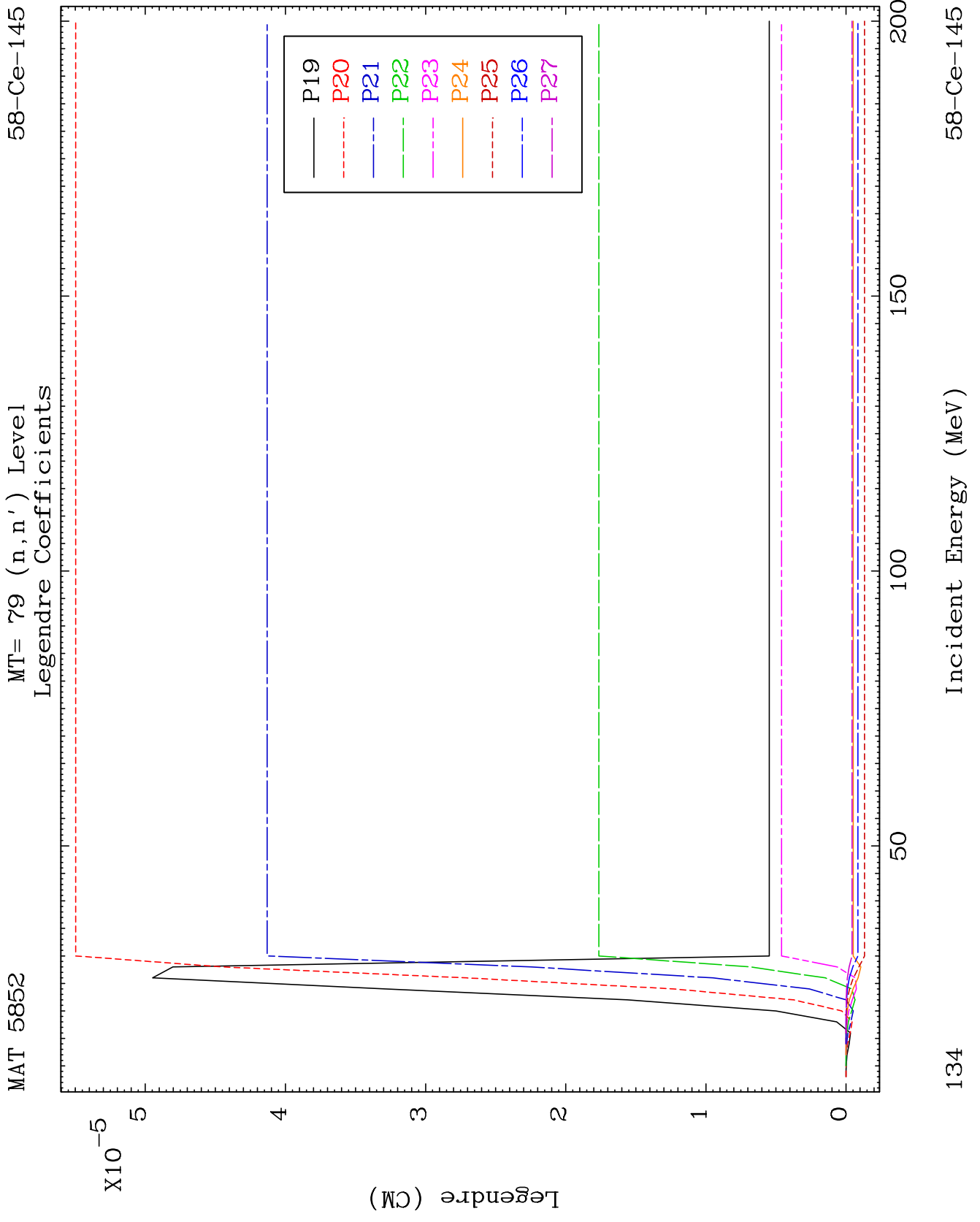
58-Ce-145

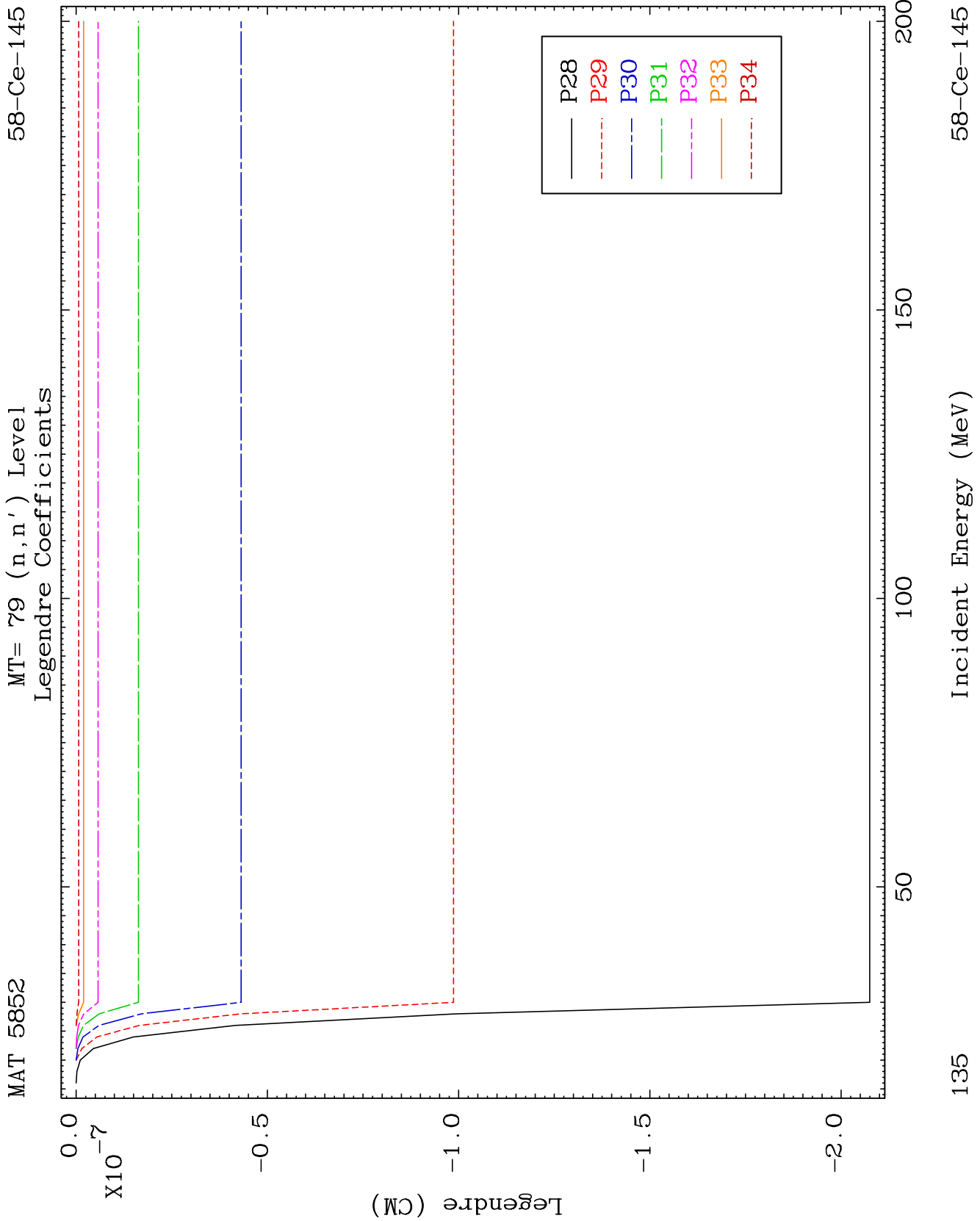


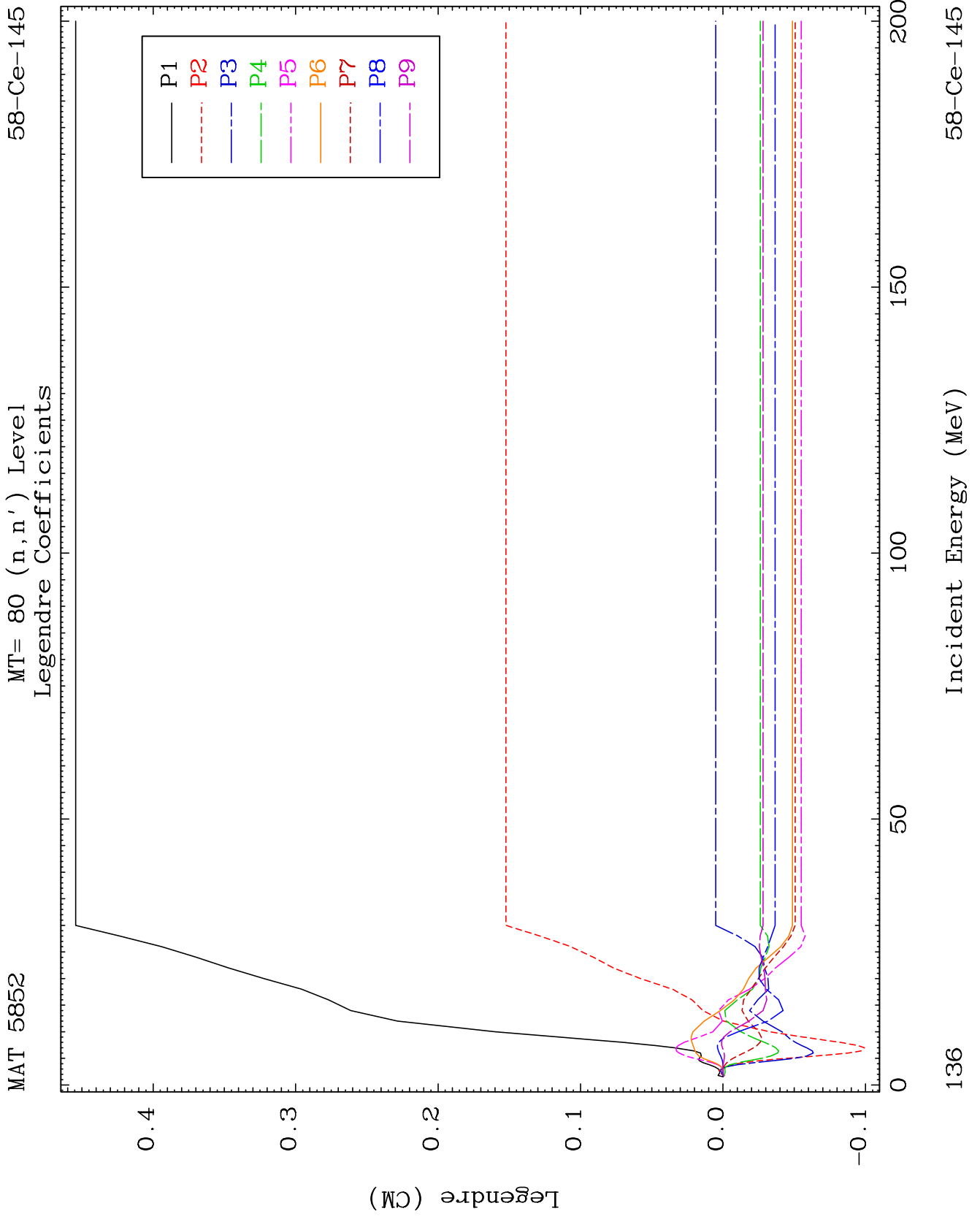
133

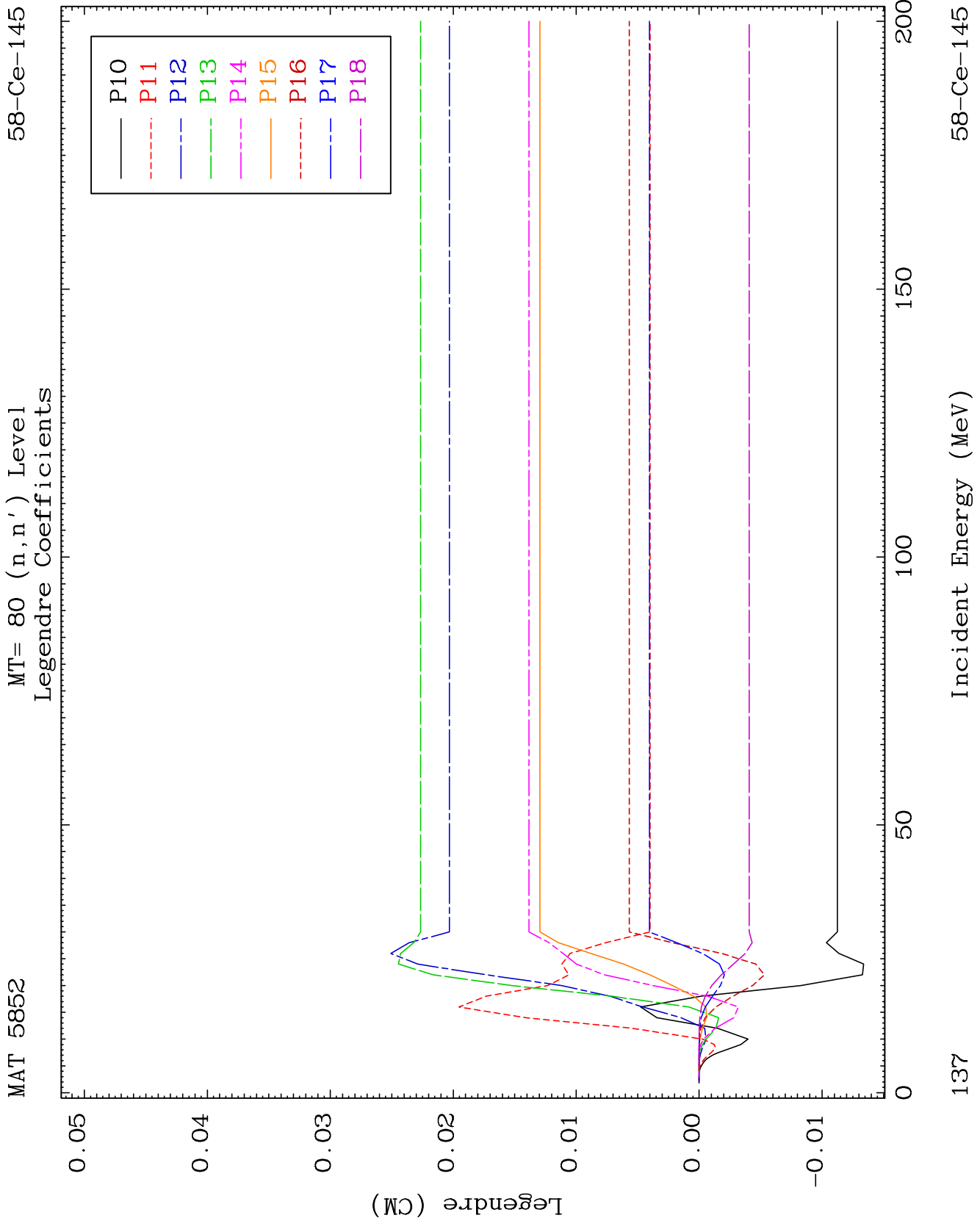
Incident Energy (MeV)

58-Ce-145









58-Ce-145

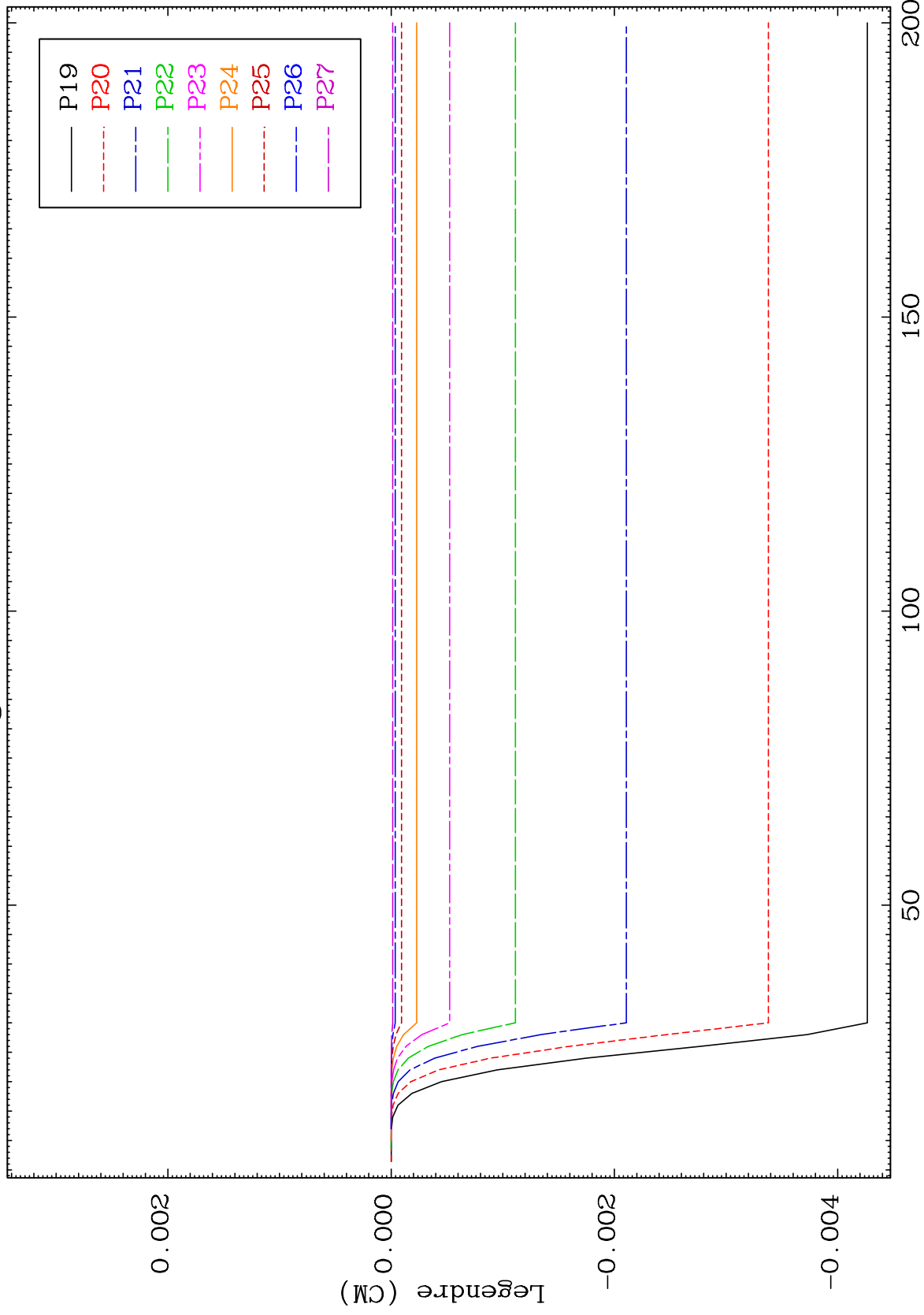
Incident Energy (MeV)

137

MAT 5852

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

58-Ce-145



138

Incident Energy (MeV)

58-Ce-145

