

Program EVALPLOT  
(Version 2018-1)

by

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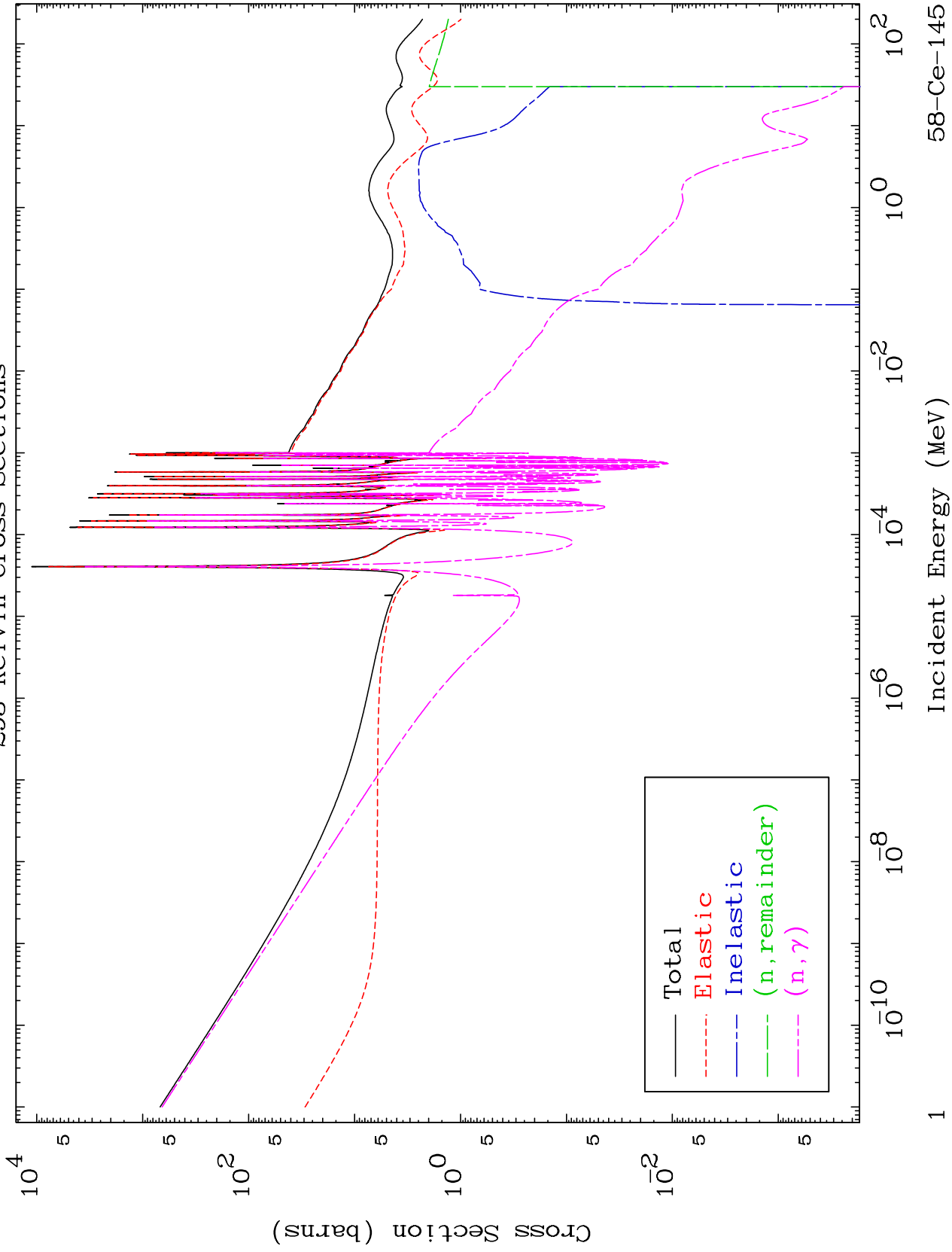
Press Mouse Button to Start

MAT 5852

Major

293 Kelvin Cross Sections

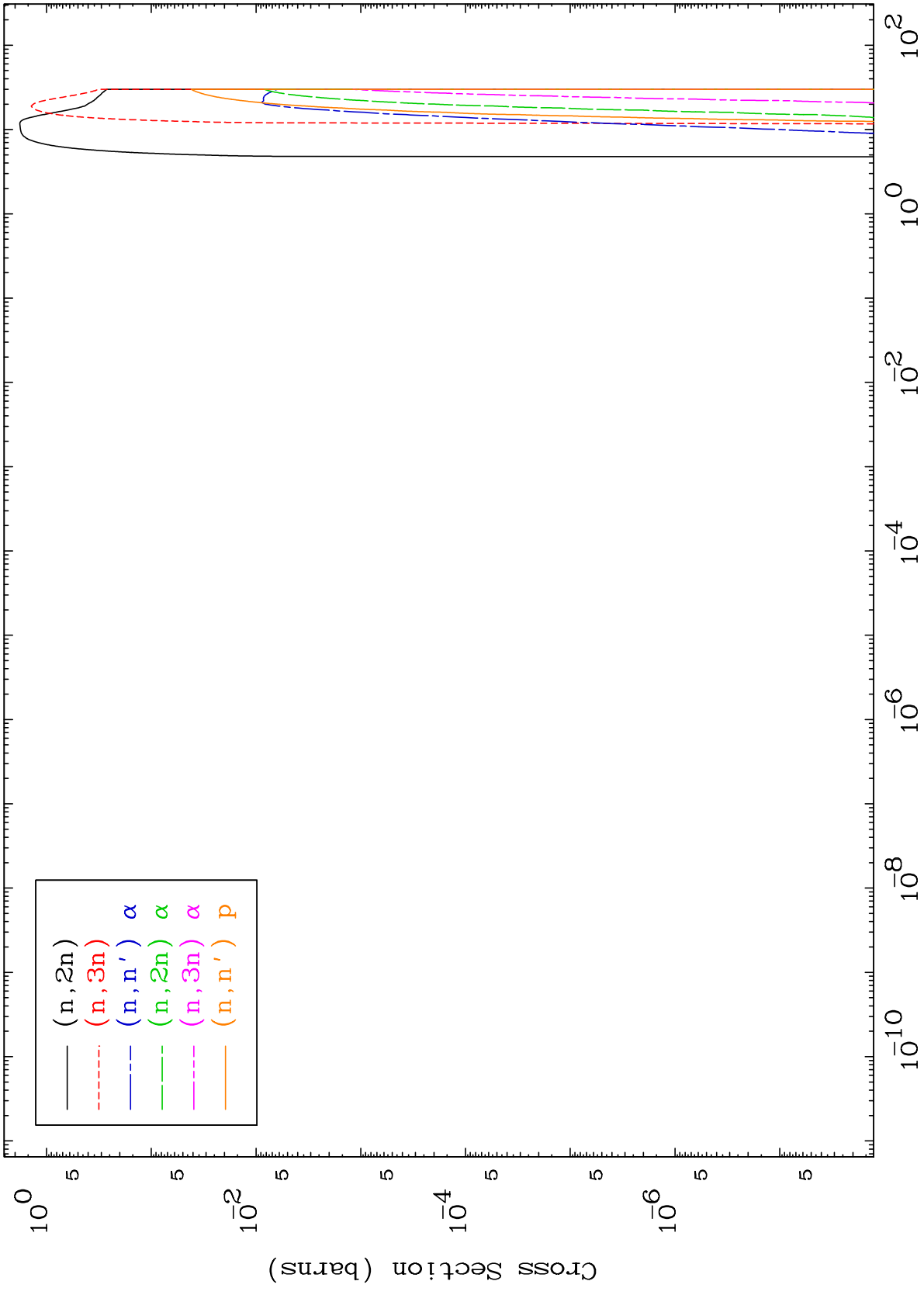
58-Ce-145



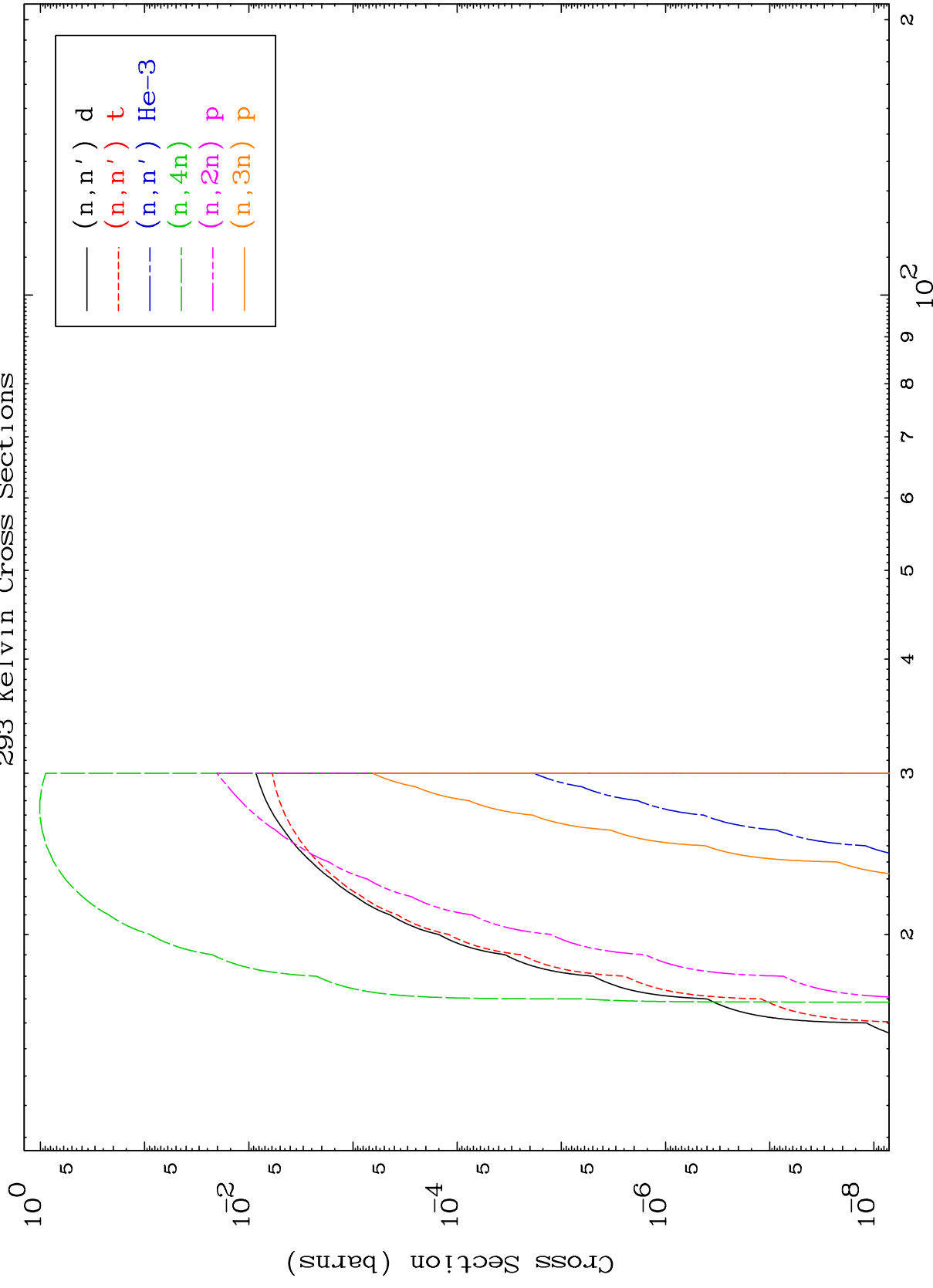
MAT 5852

Neutron Production  
293 Kelvin Cross Sections

58-Ce-145



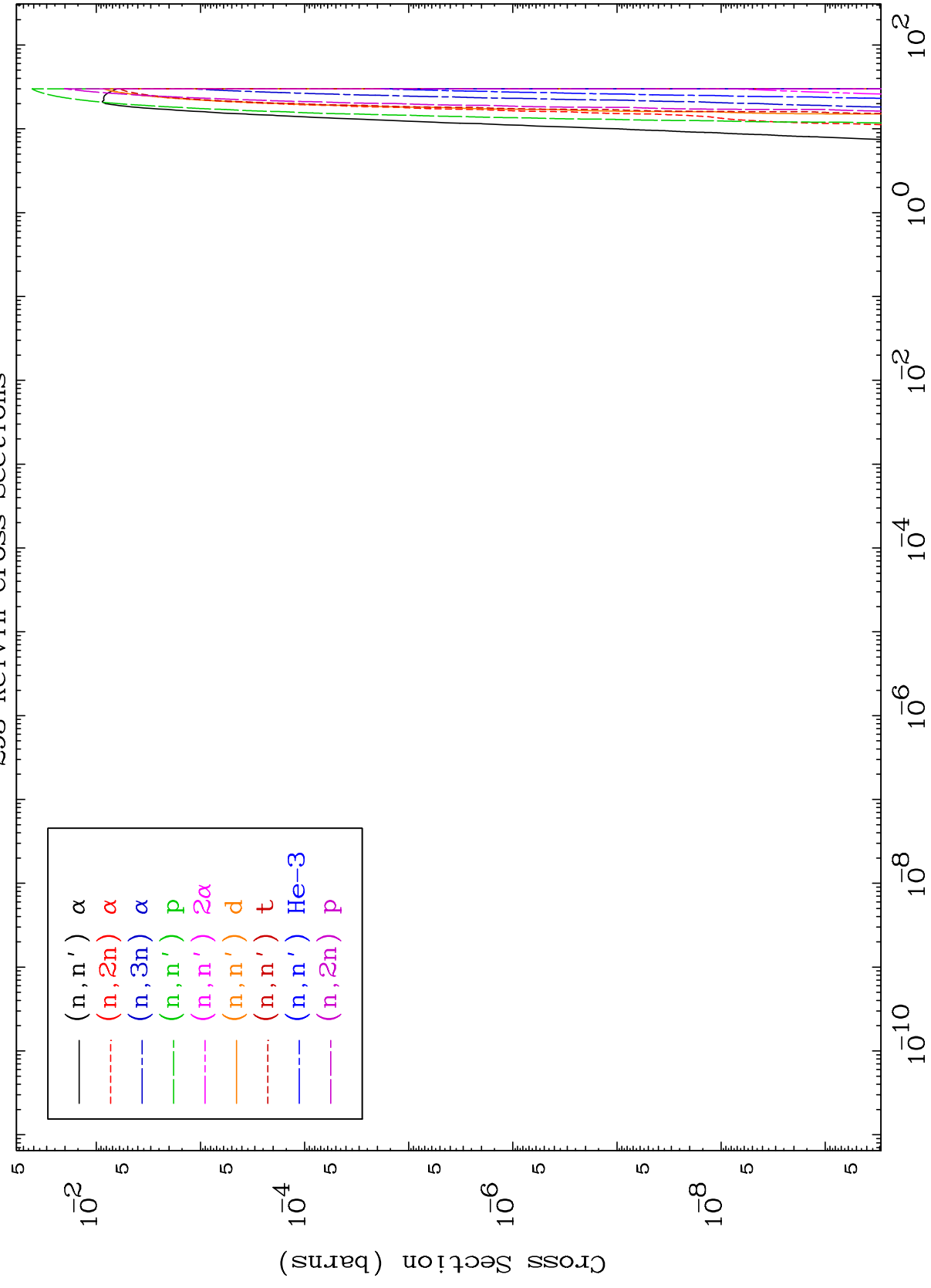
58-Ce-145



MAT 5852

293 Kelvin Cross Sections

58-Ce-145

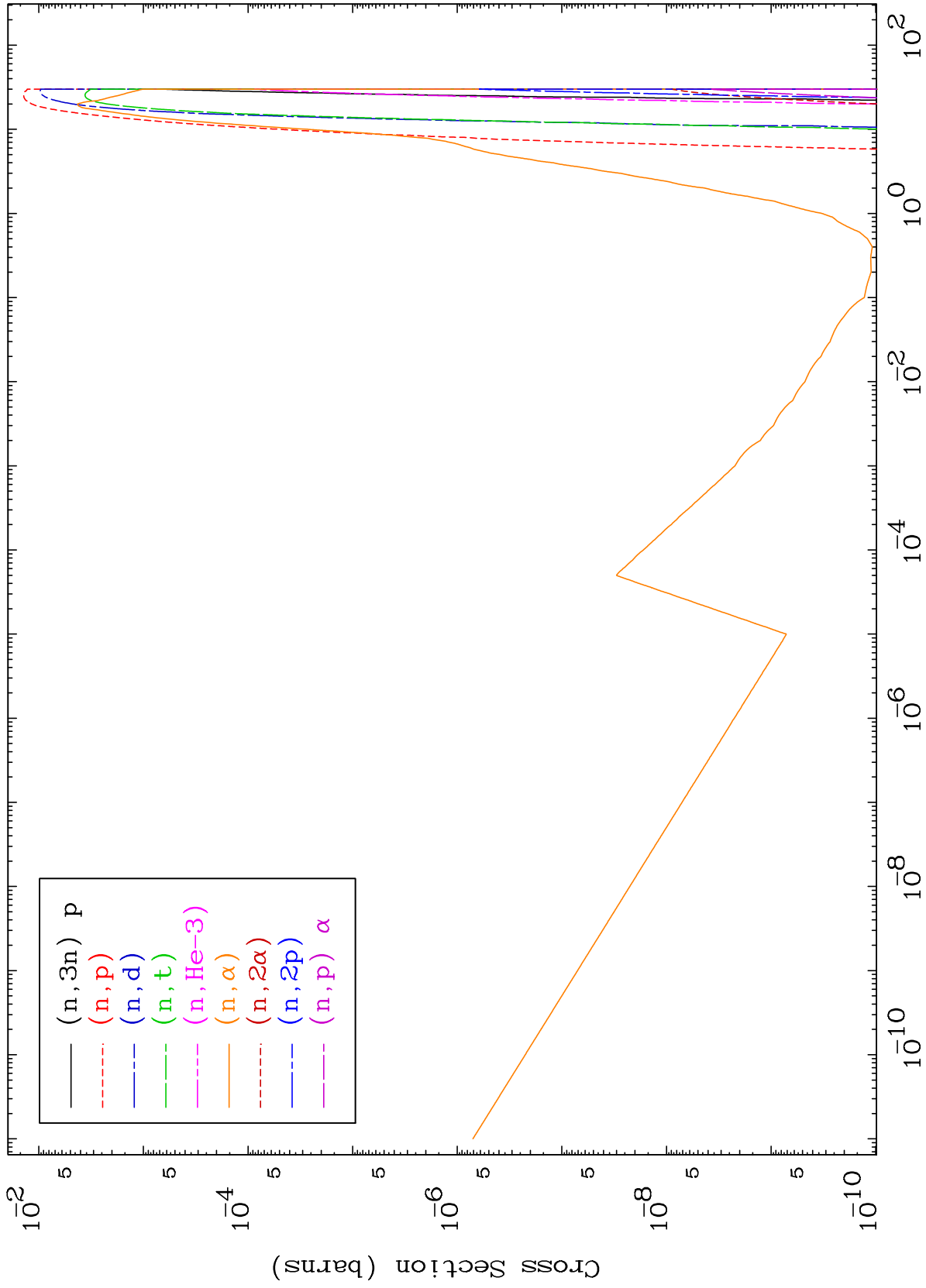


58-Ce-145

MAT 5852

293 Kelvin Cross Sections

58-Ce-145



5

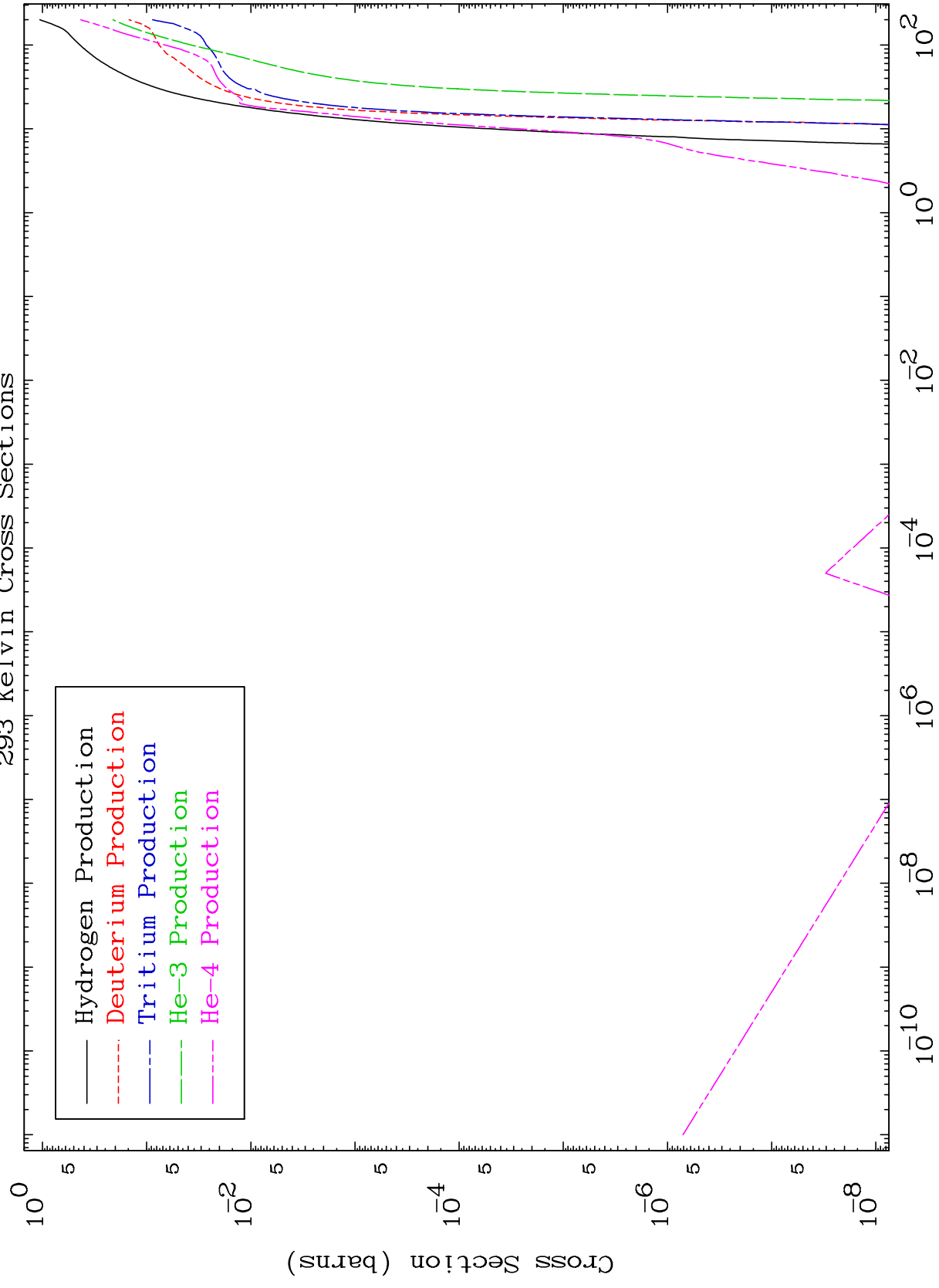
Incident Energy (MeV)

58-Ce-145

MAT 5852

Particle Production  
293 Kelvin Cross Sections

58-Ce-145



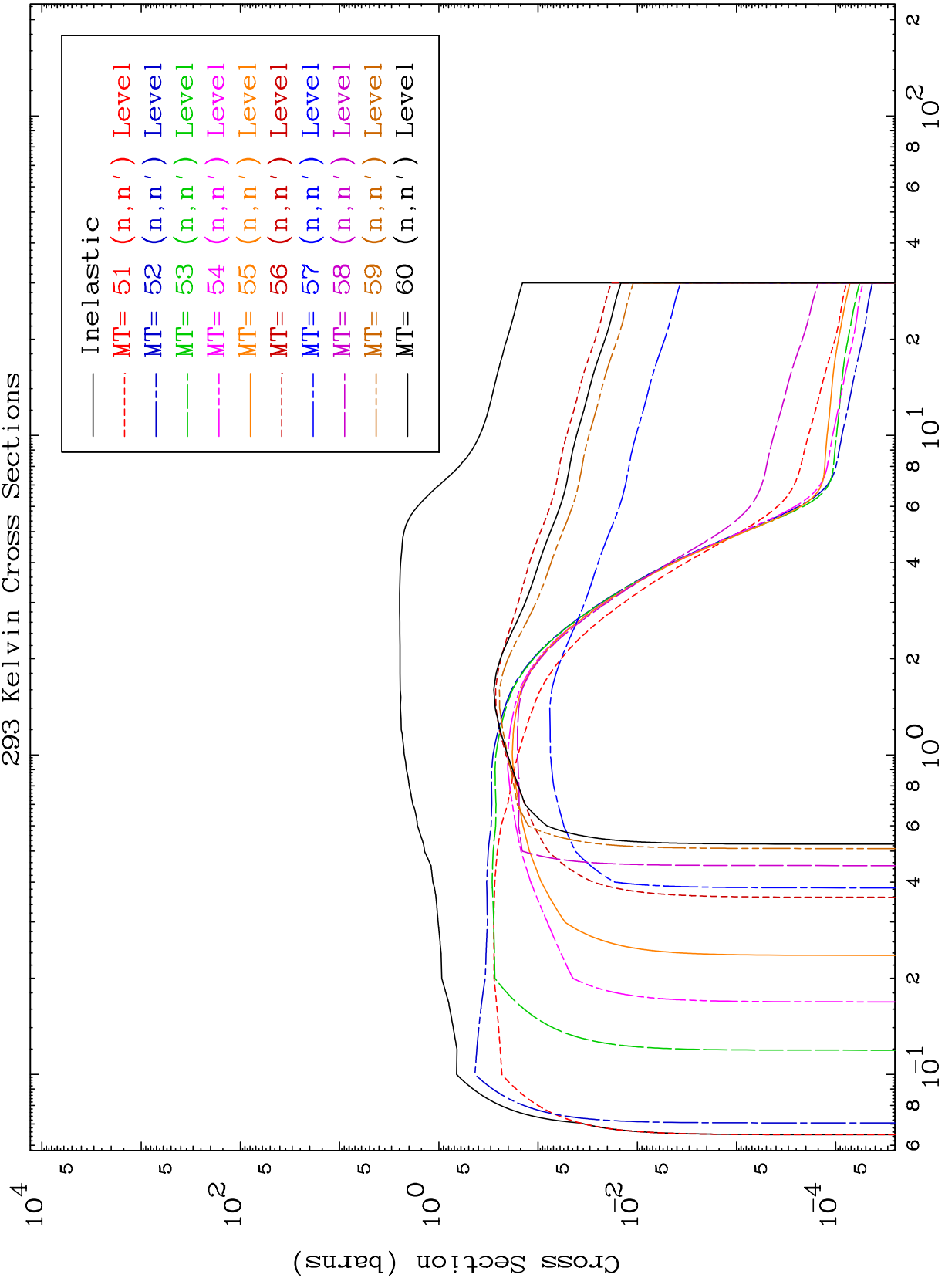
6

58-Ce-145

MAT 5852

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-145



7

Incident Energy (MeV)

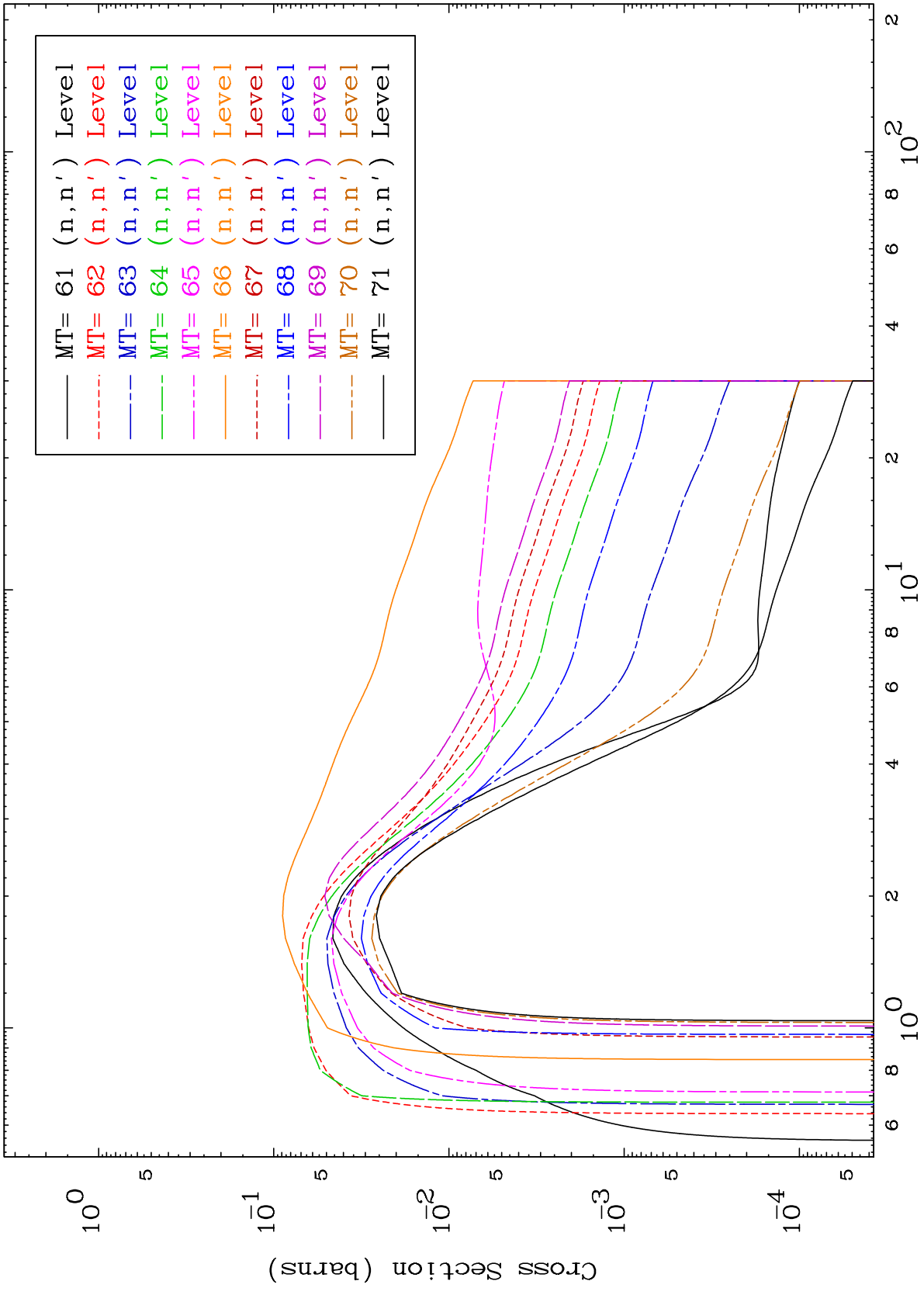
58-Ce-145



MAT 5852

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-145



8

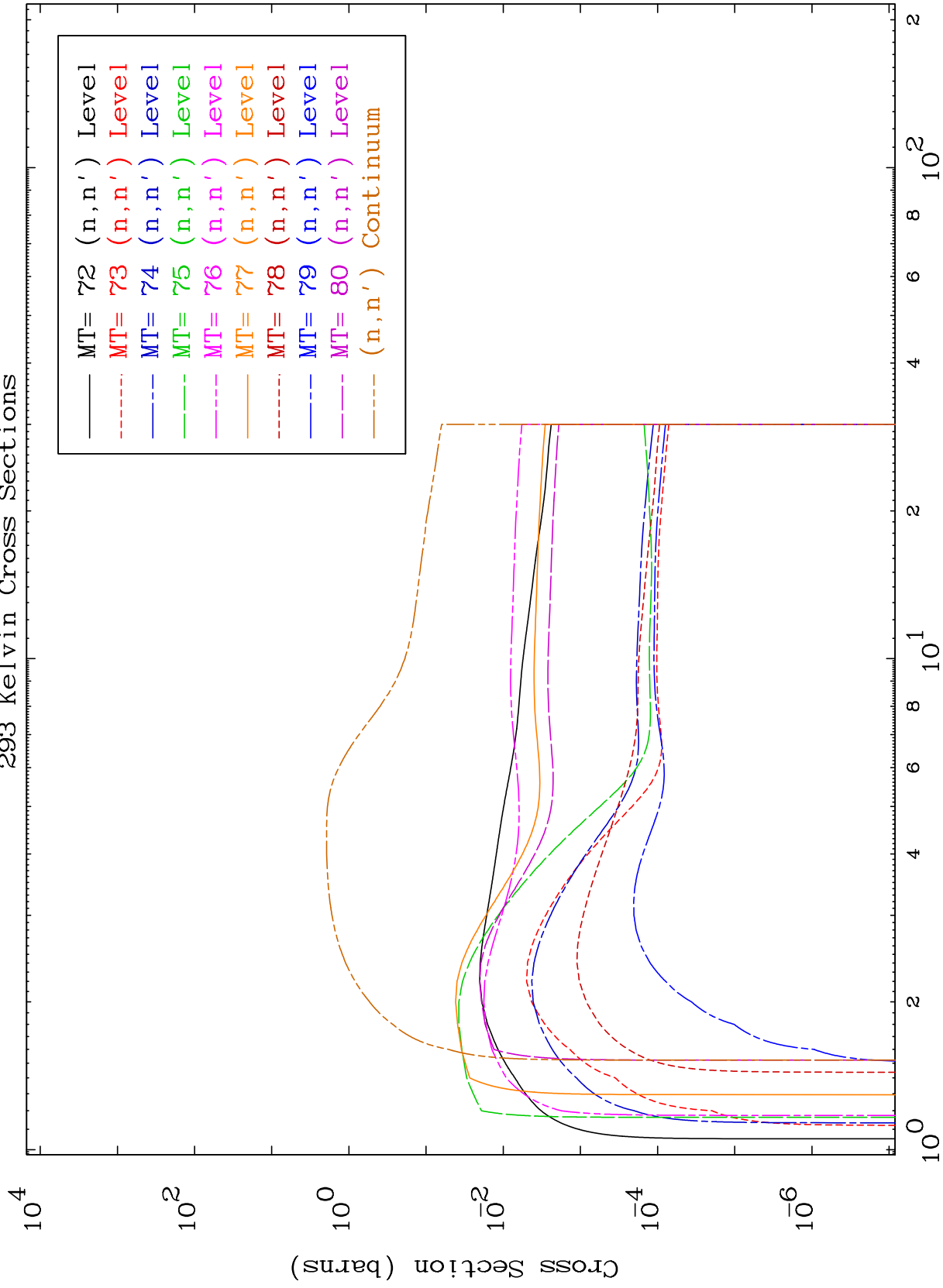
Incident Energy (MeV)

58-Ce-145

MAT 5852

(n,n') Level  
293 Kelvin Cross Sections

58-Ce-145



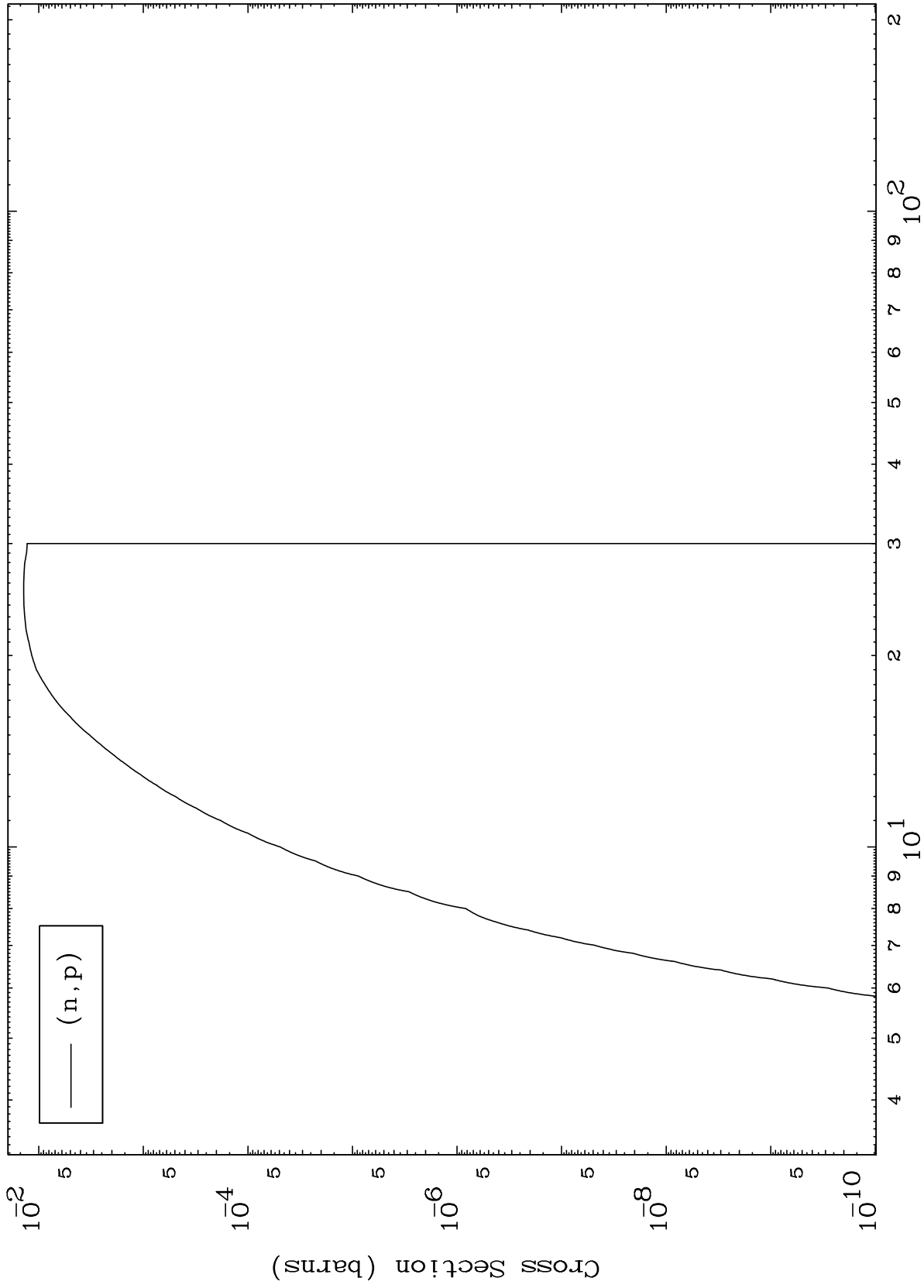
Incident Energy (MeV)

58-Ce-145

MAT 5852

(n,p) Levels  
293 Kelvin Cross Sections

58-Ce-145



10

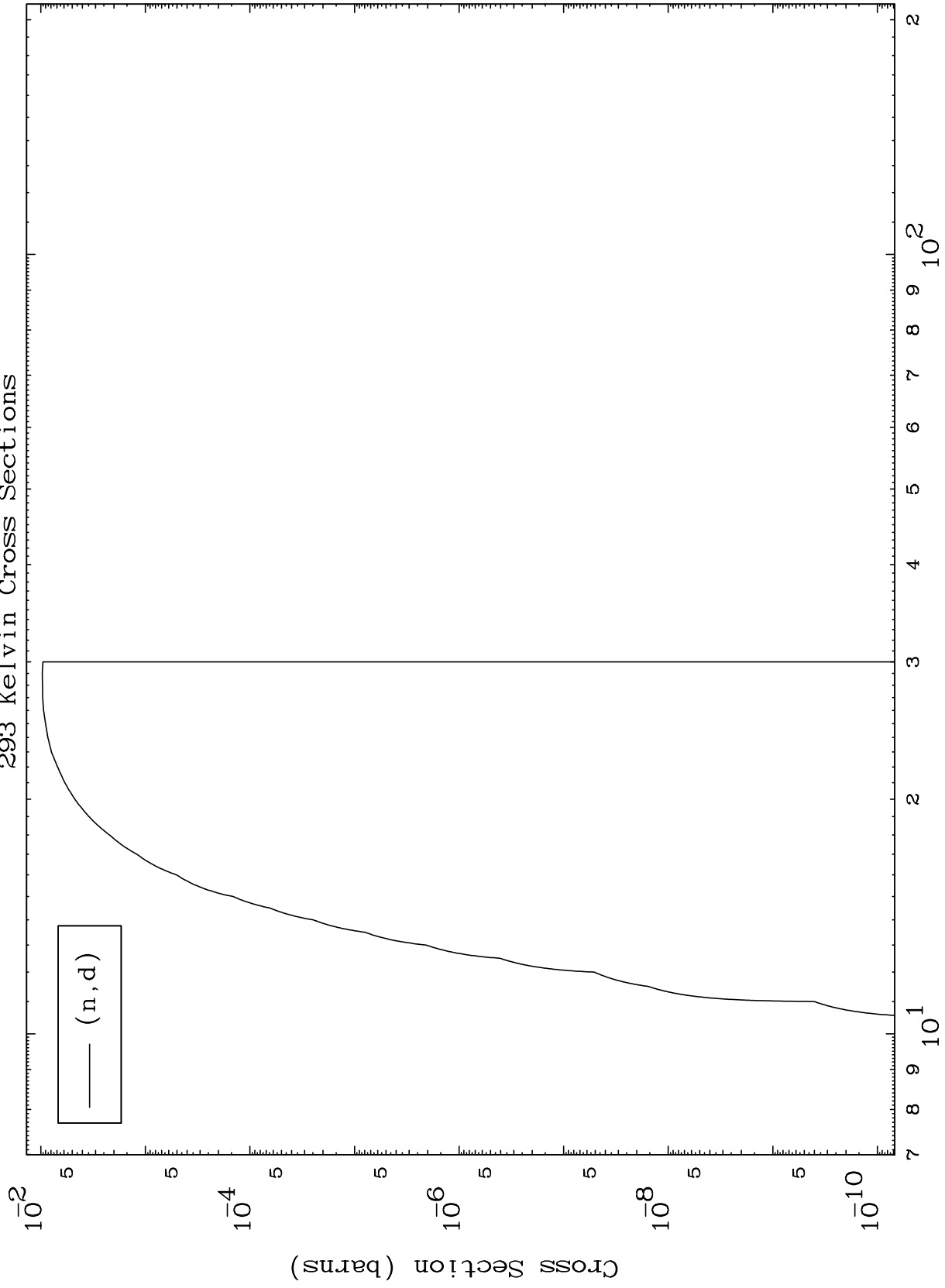
Incident Energy (MeV)

58-Ce-145

MAT 5852

(n,d) Levels  
293 Kelvin Cross Sections

58-Ce-145



11

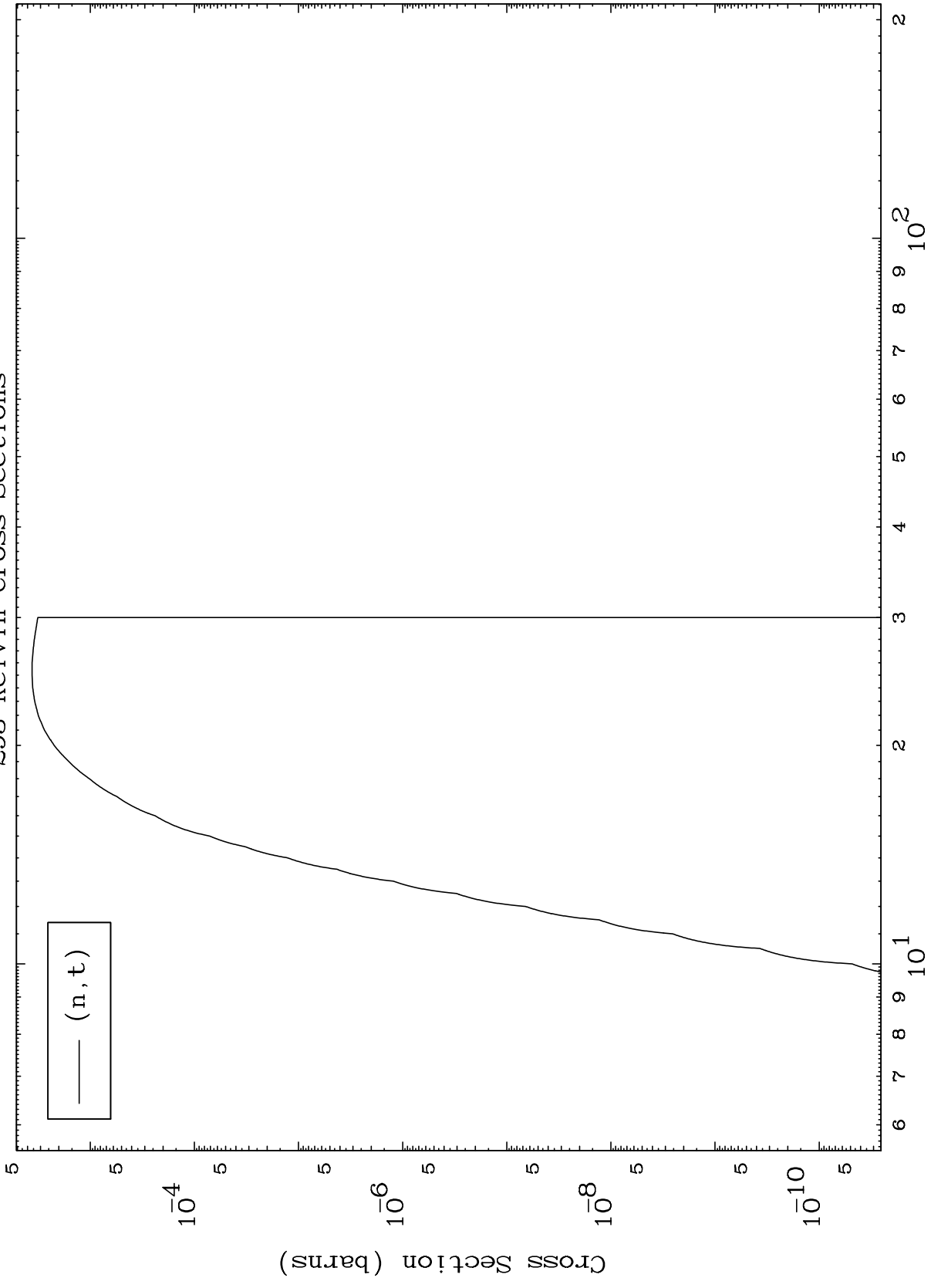
Incident Energy (MeV)

58-Ce-145

MAT 5852

(n,t) Levels  
293 Kelvin Cross Sections

58-Ce-145



12

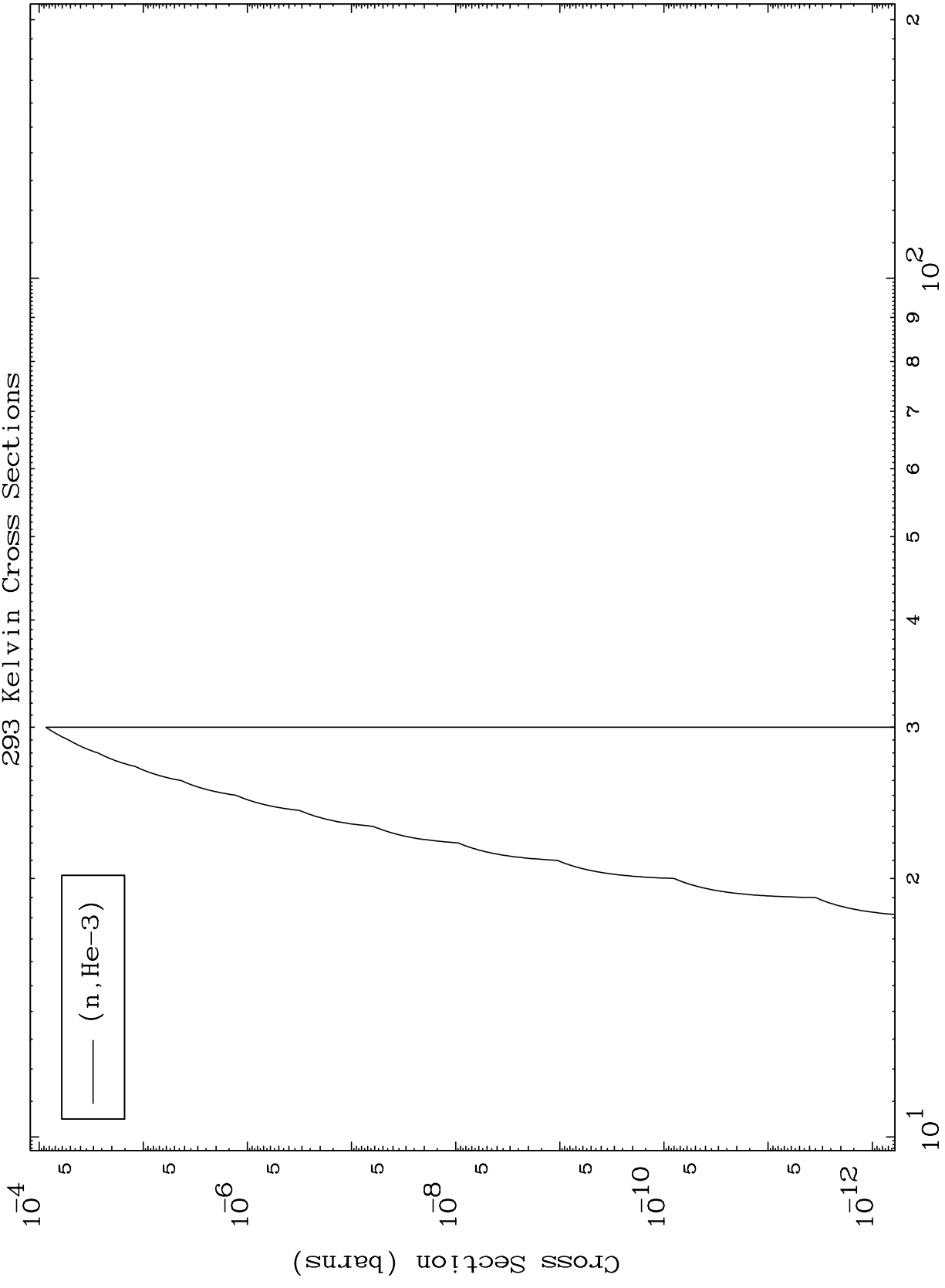
Incident Energy (MeV)

58-Ce-145

MAT 5852

(n,He3) Levels  
293 Kelvin Cross Sections

58-Ce-145



13

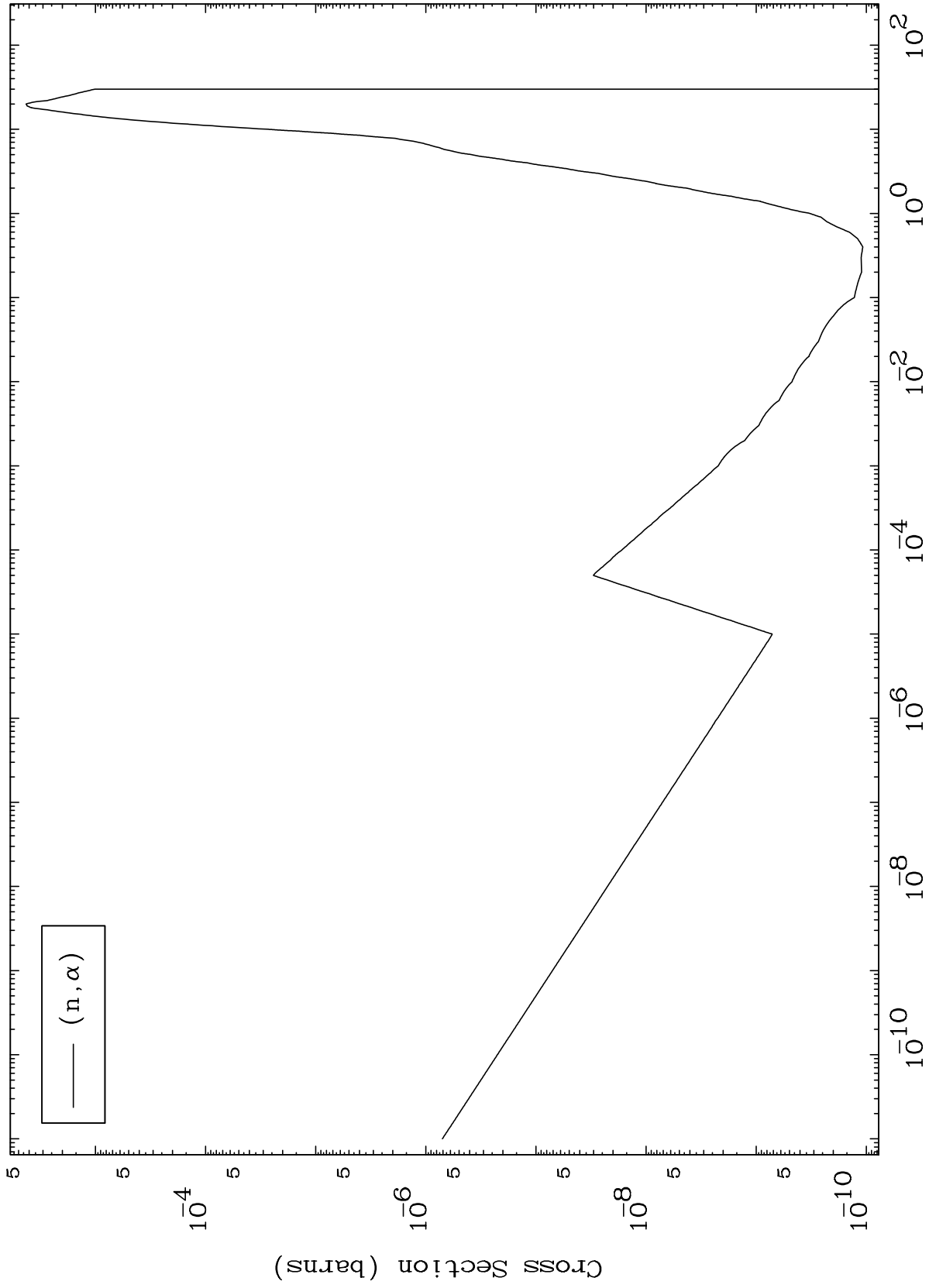
Incident Energy (MeV)

58-Ce-145

MAT 5852

(n,α) Levels  
293 Kelvin Cross Sections

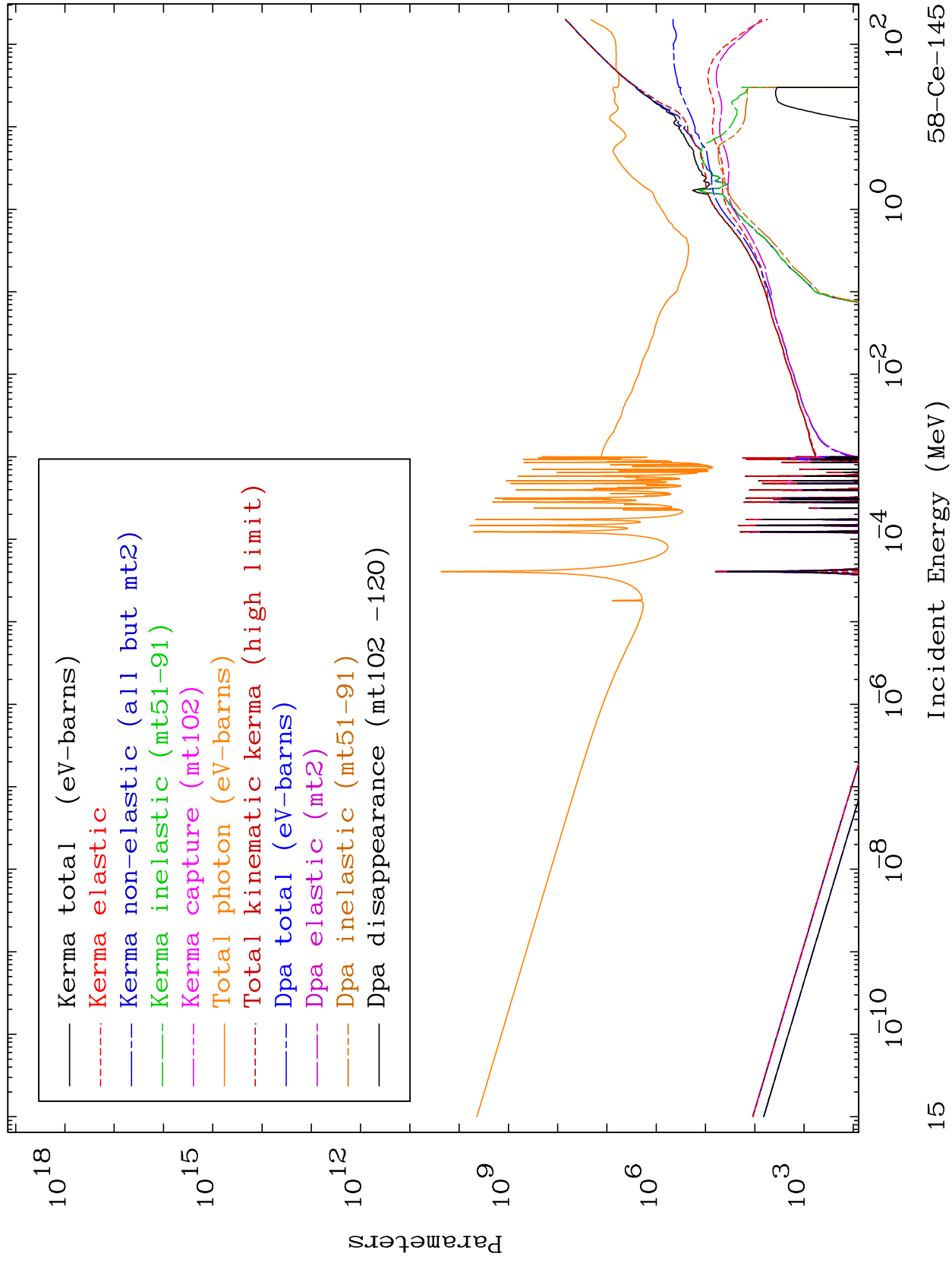
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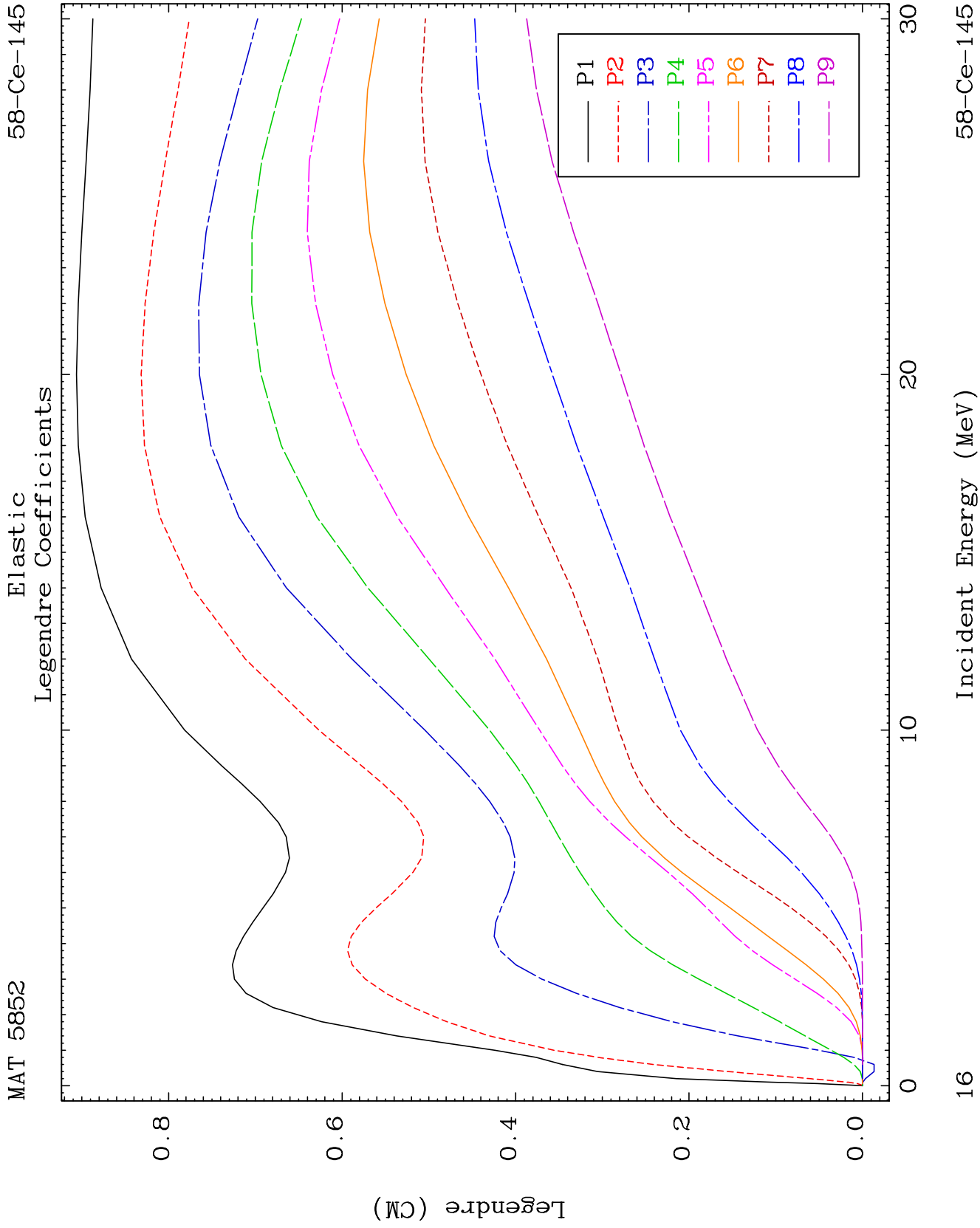
14

Incident Energy (MeV)

58-Ce-145



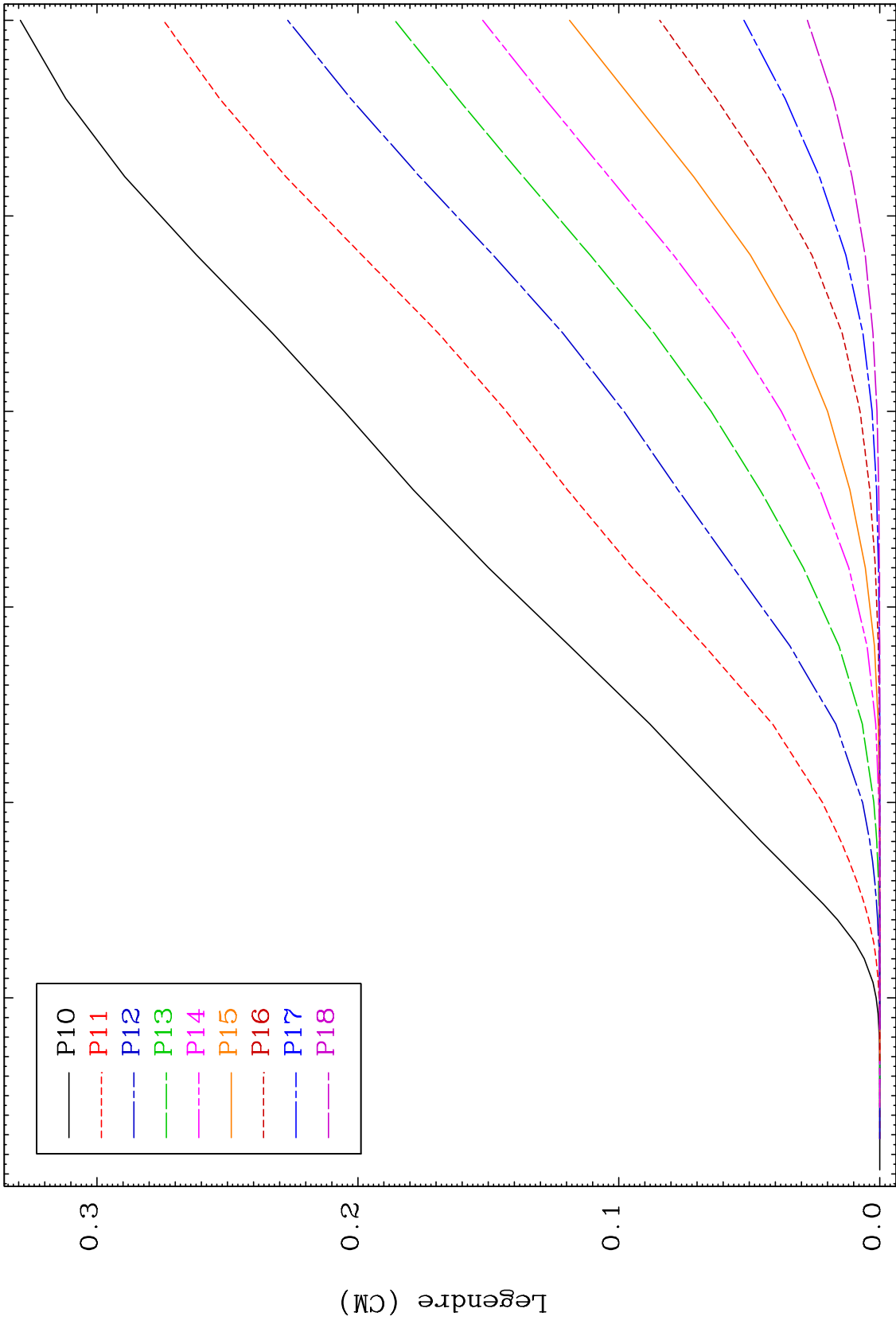




MAT 5852

Elastic Legendre Coefficients

58-Ce-145



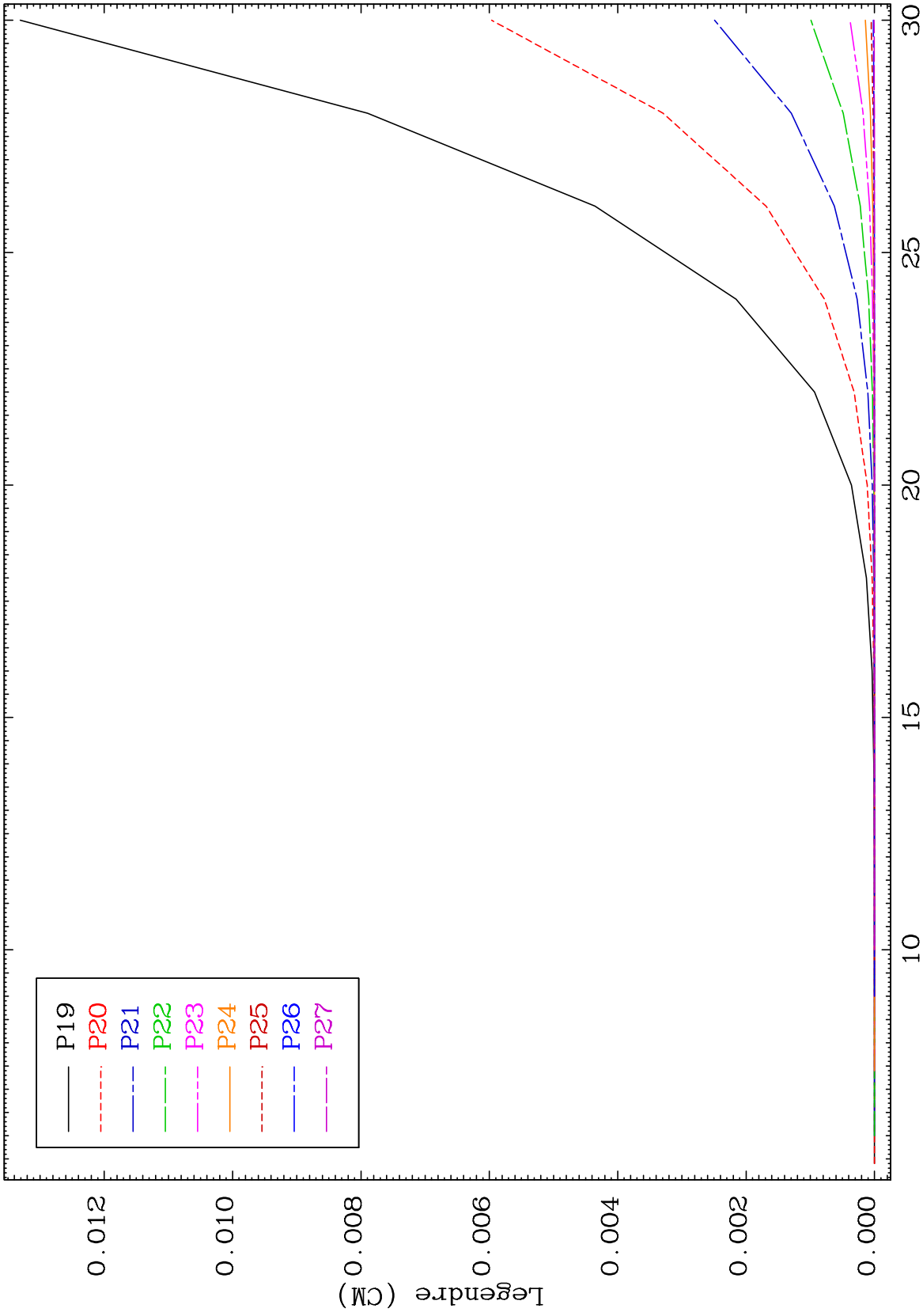
17

58-Ce-145

MAT 5852

### Elastic Legendre Coefficients

58-Ce-145



18

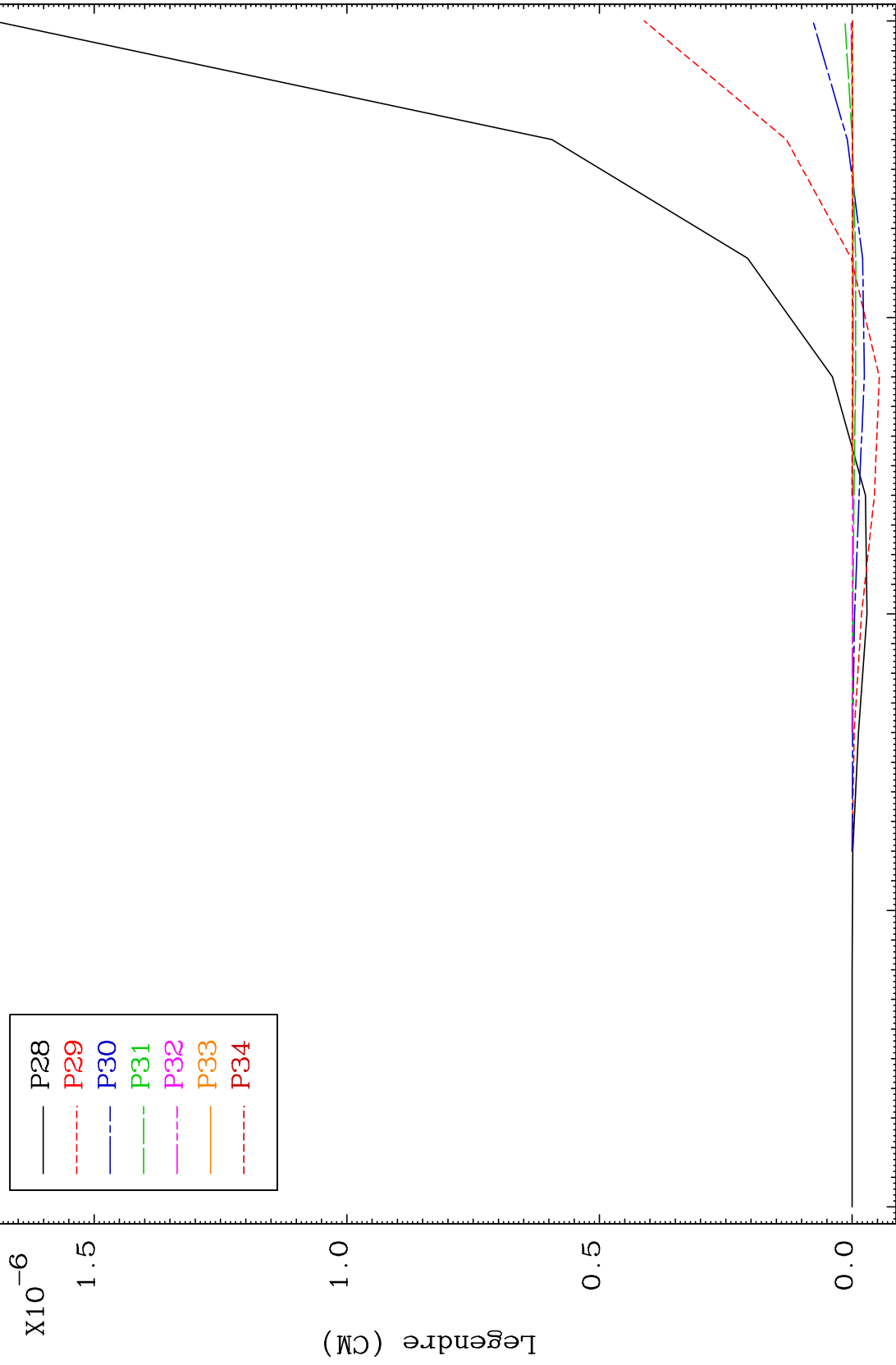
Incident Energy (MeV)

58-Ce-145

MAT 5852

Elastic Legendre Coefficients

58-Ce-145



19

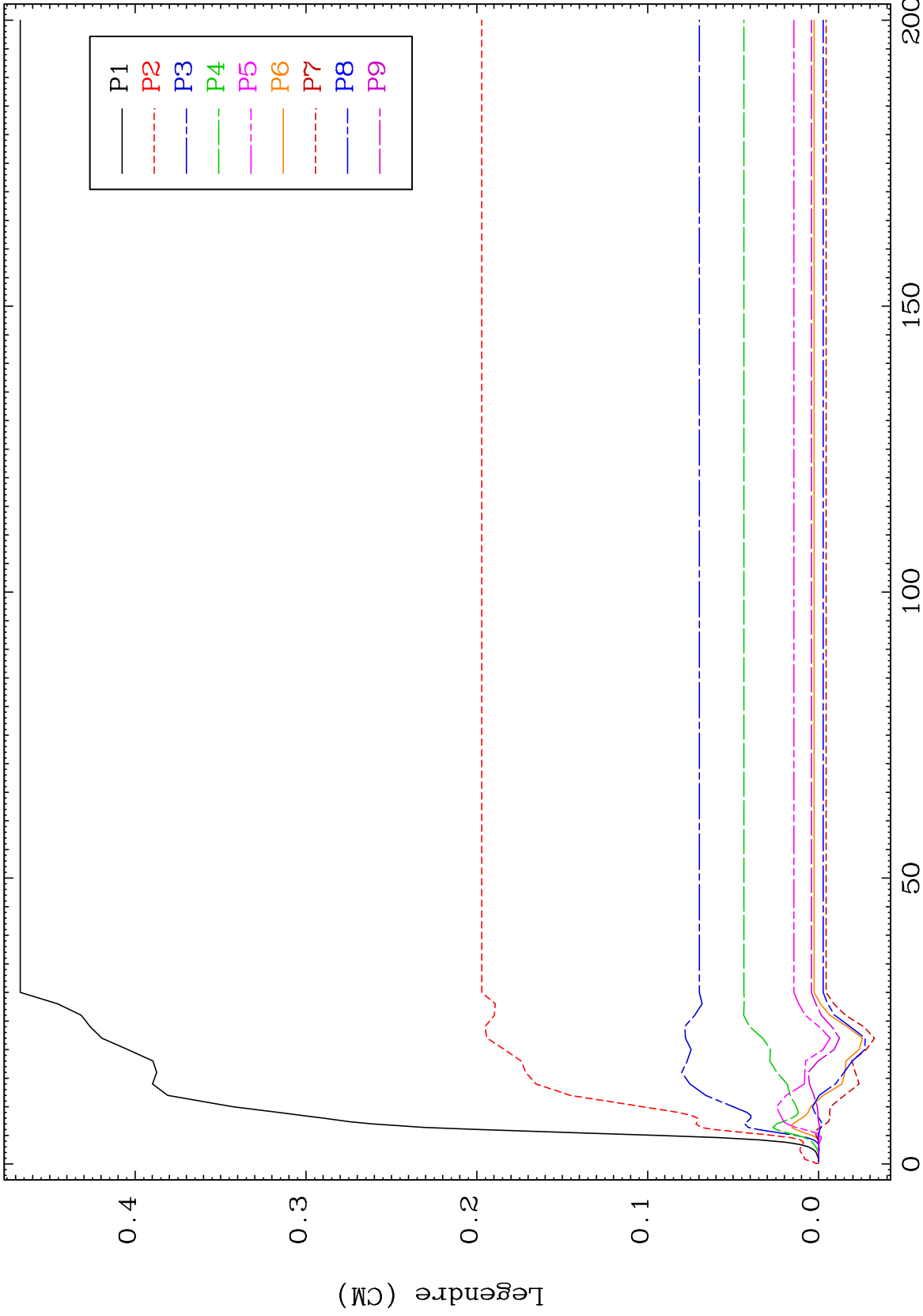
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

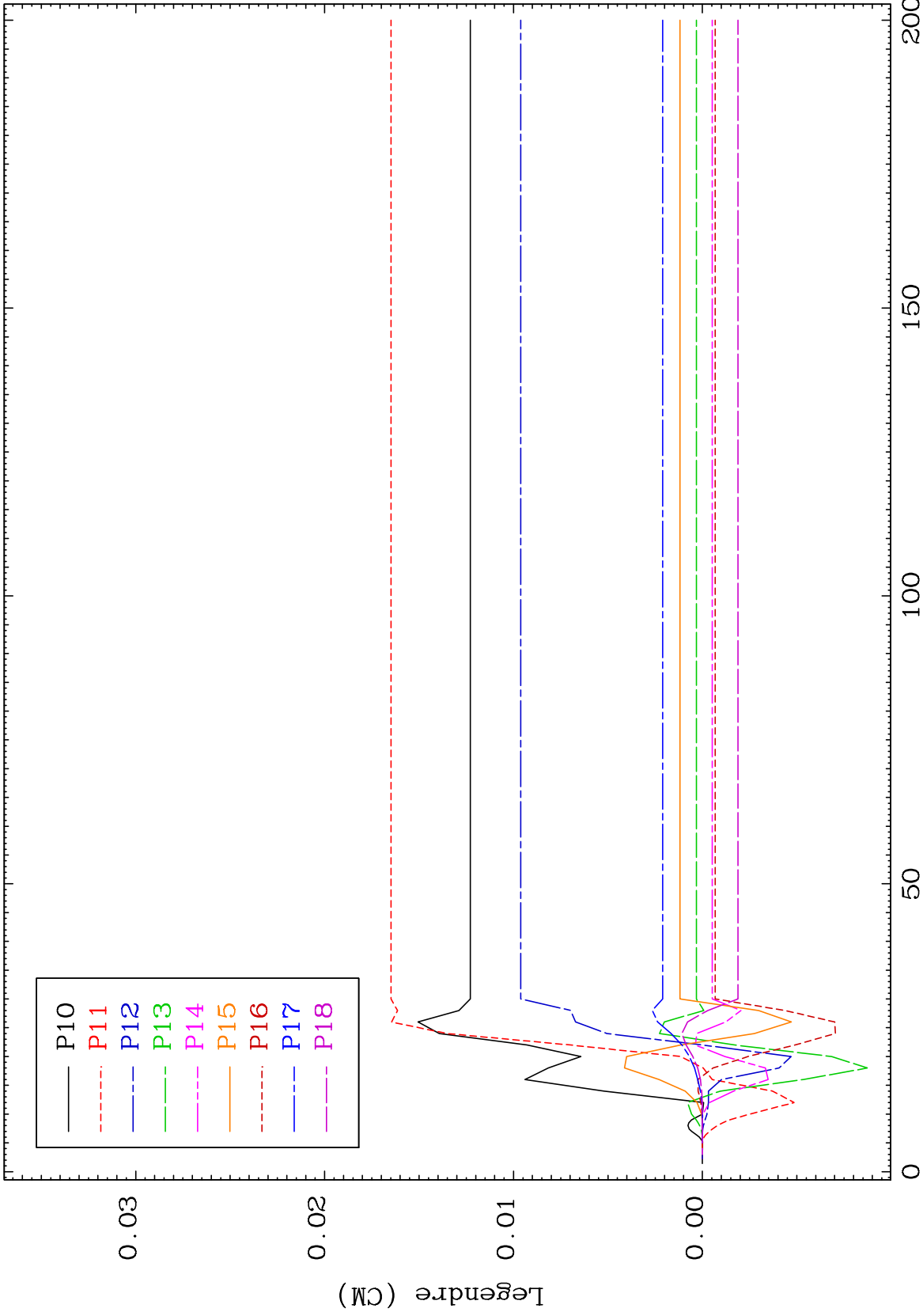
58-Ce-145



MAT 5852

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

58-Ce-145



21

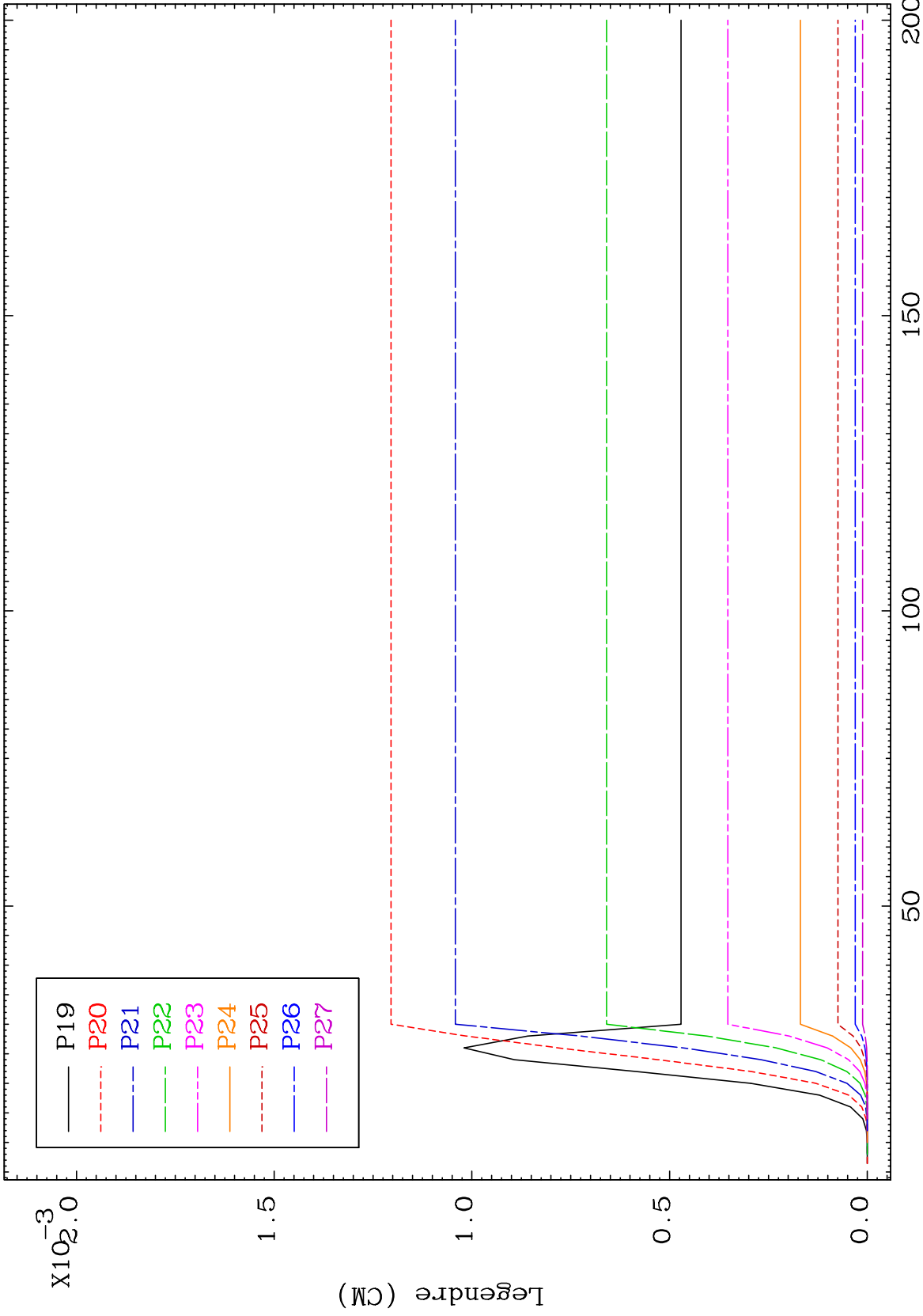
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



22

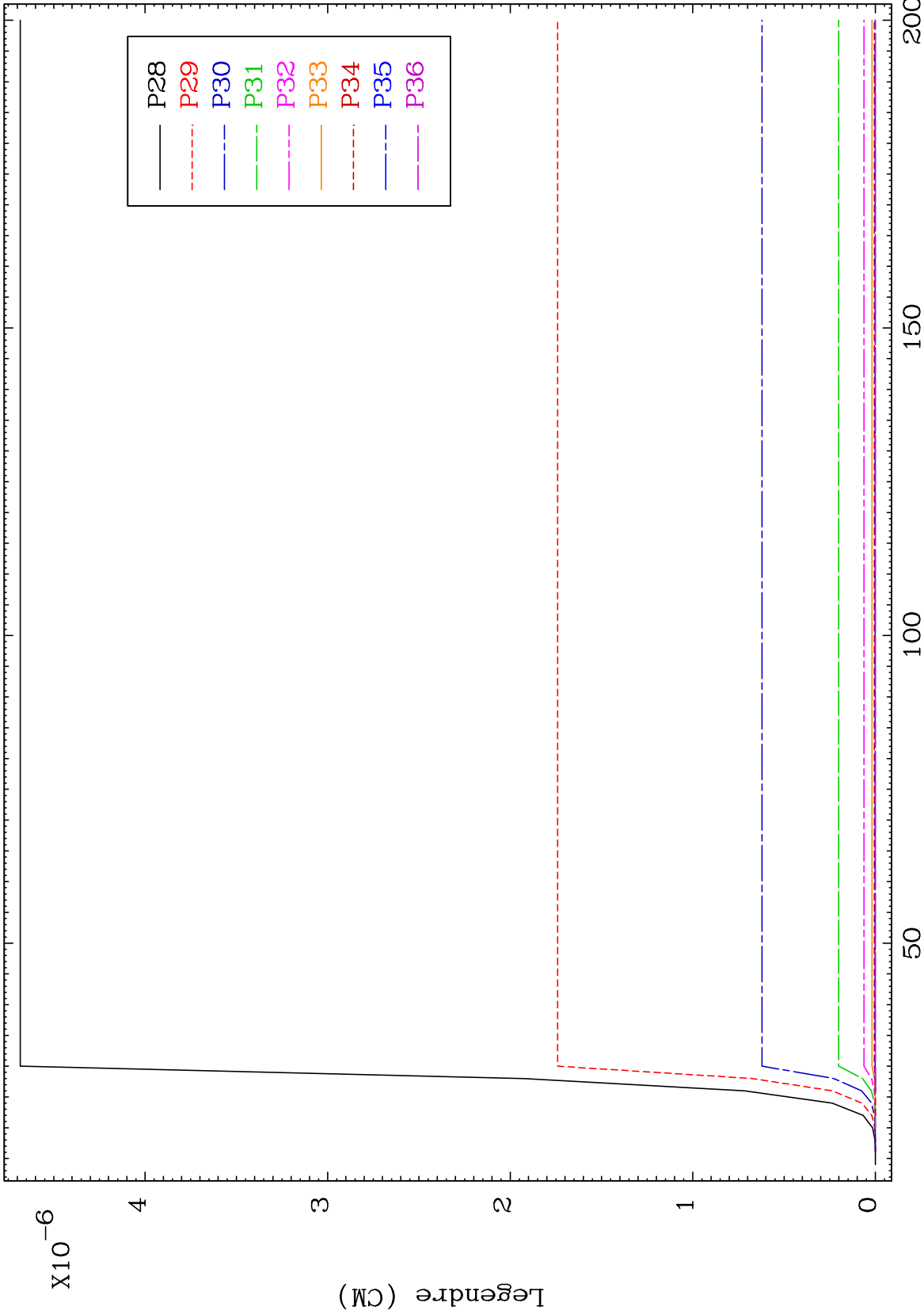
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



23

Incident Energy (MeV)

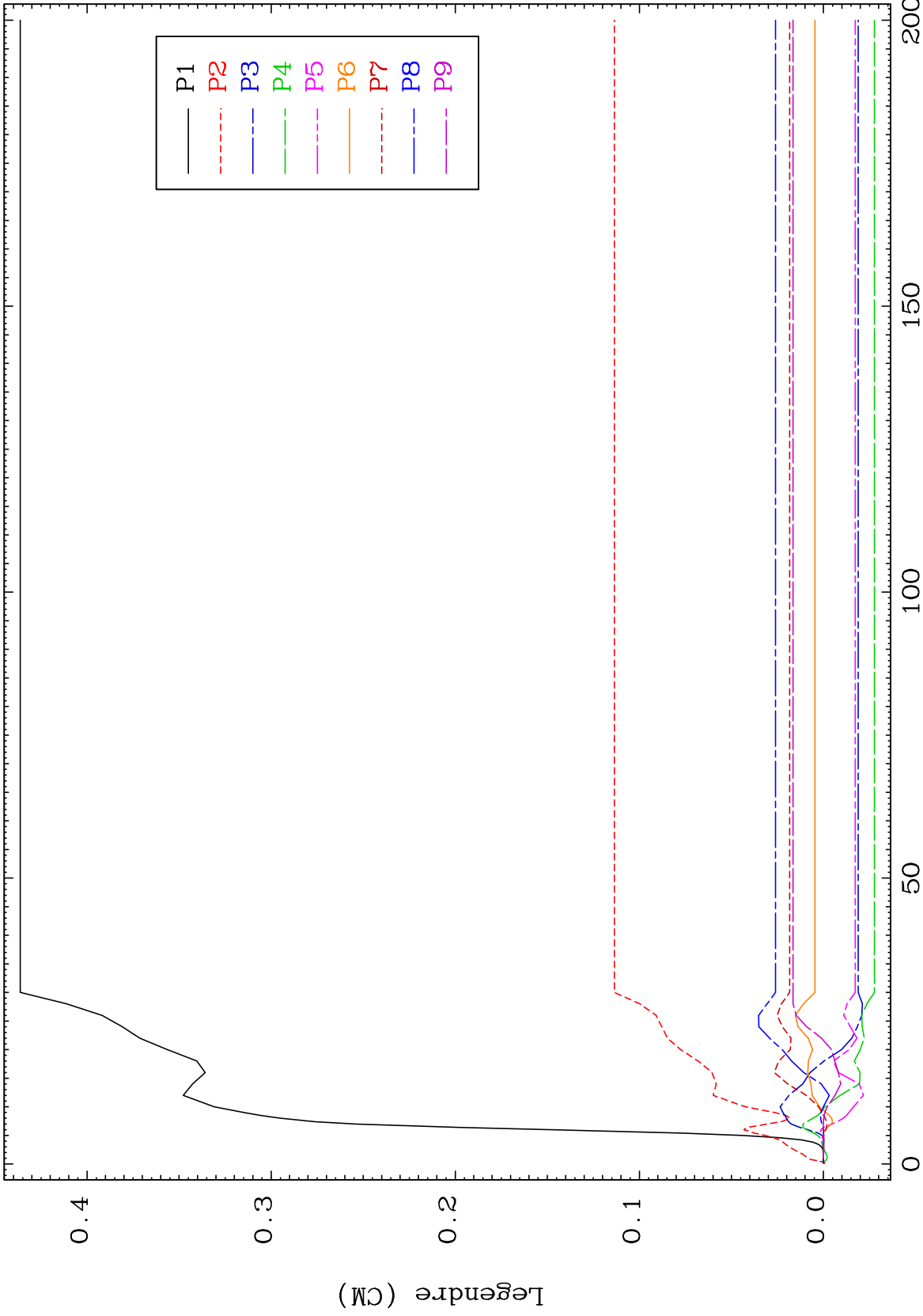
58-Ce-145



MAT 5852

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

58-Ce-145



24

Incident Energy (MeV)

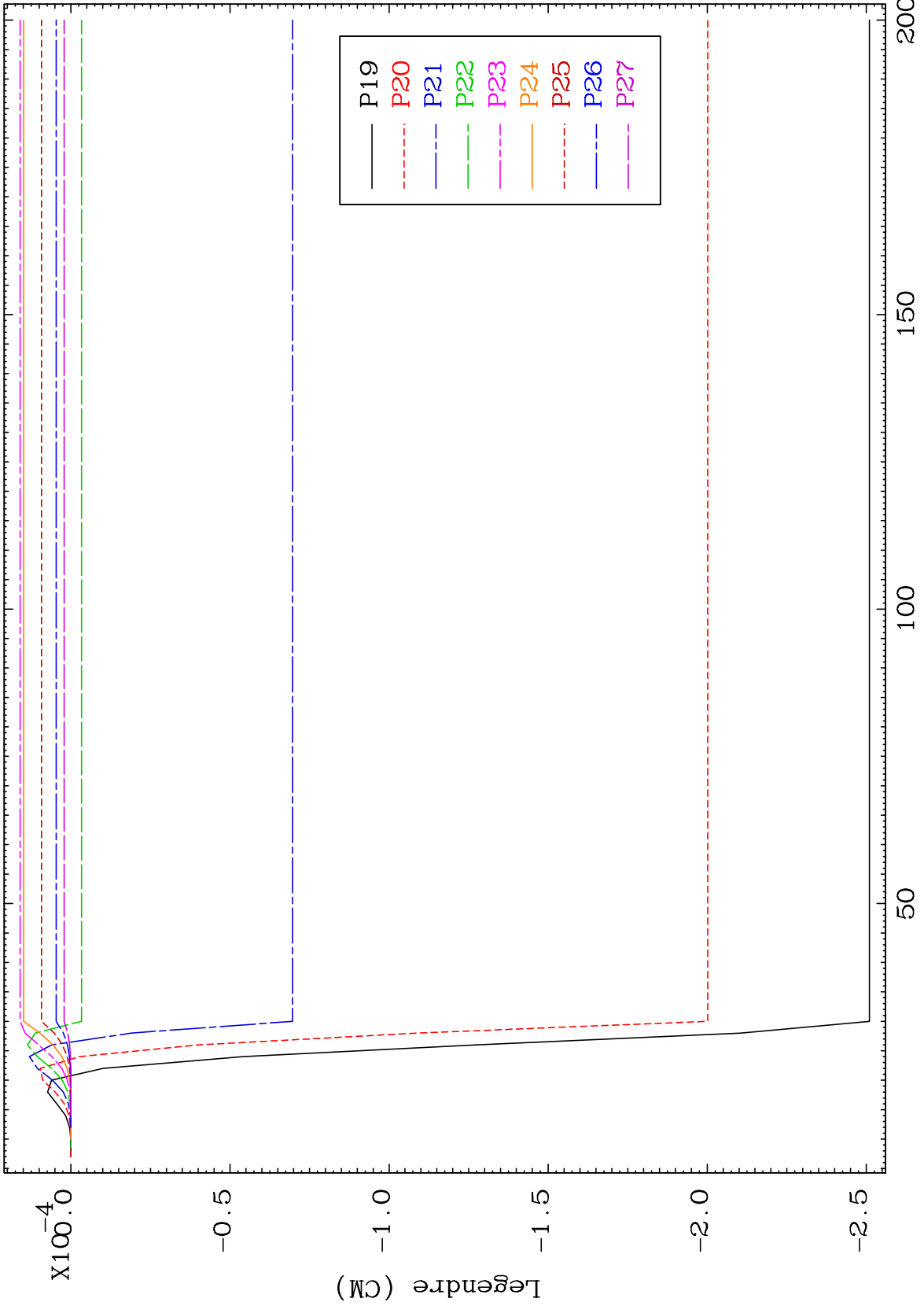
58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

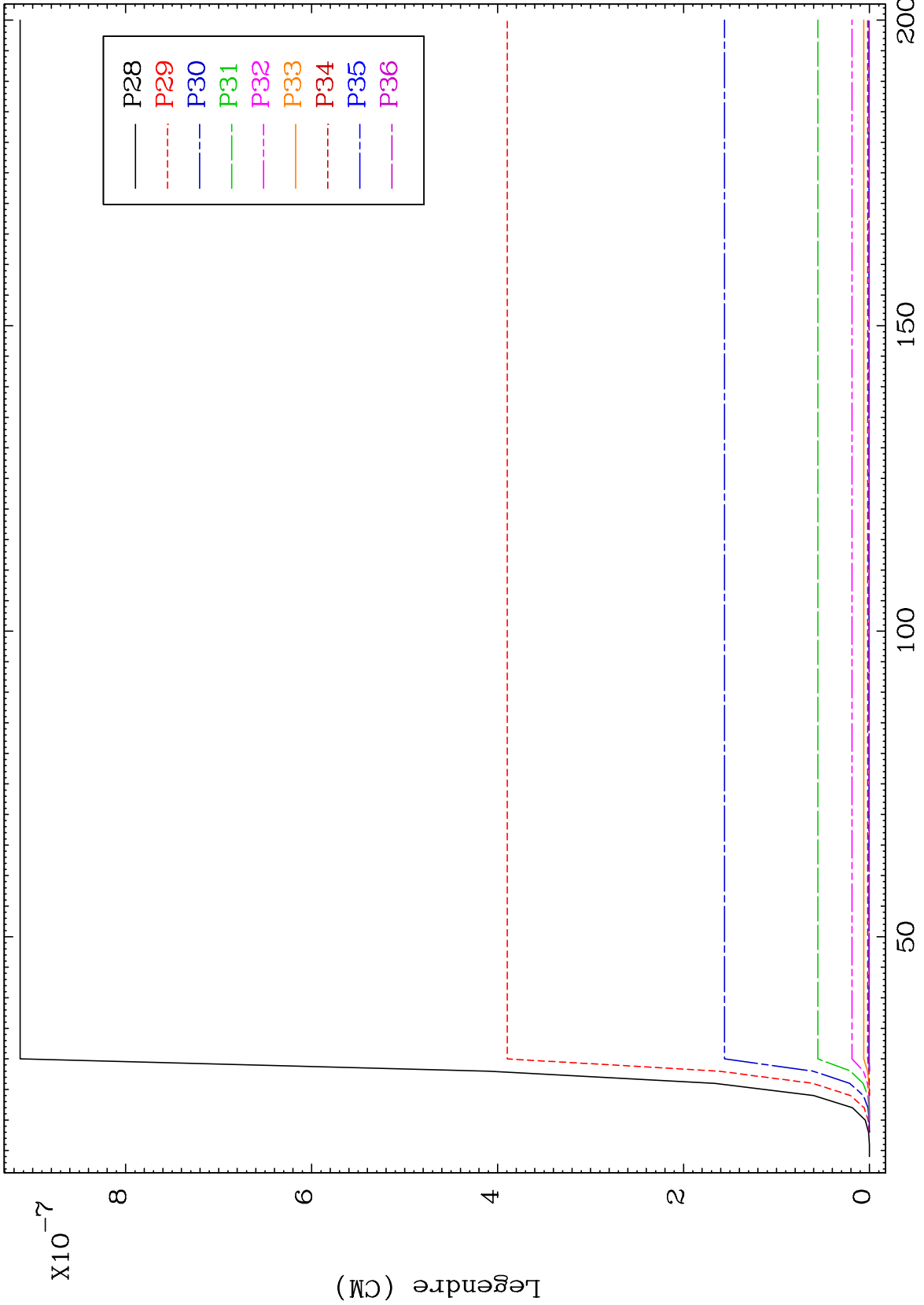
Incident Energy (MeV)

26

MAT 5852

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

58-Ce-145



27

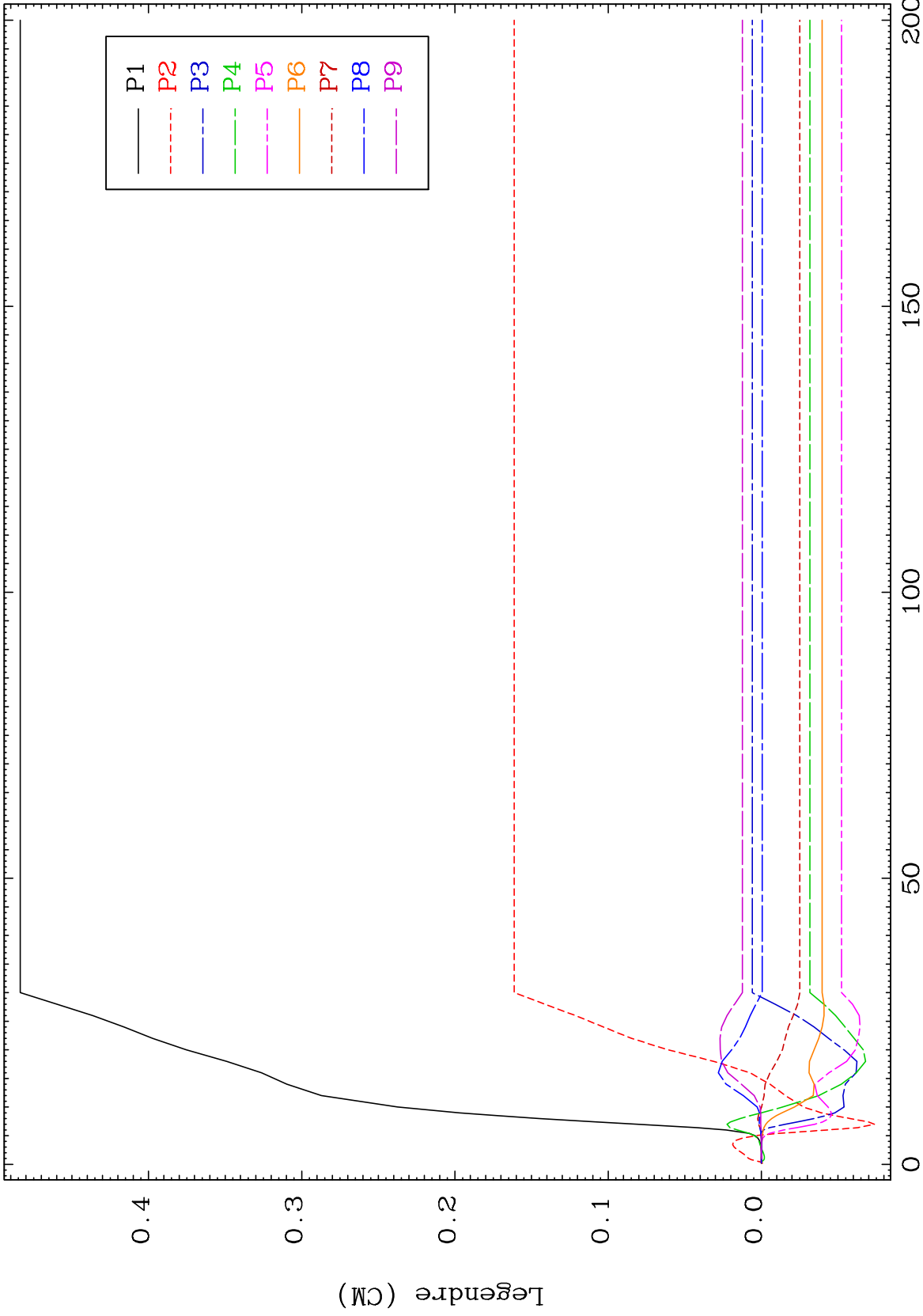
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



28

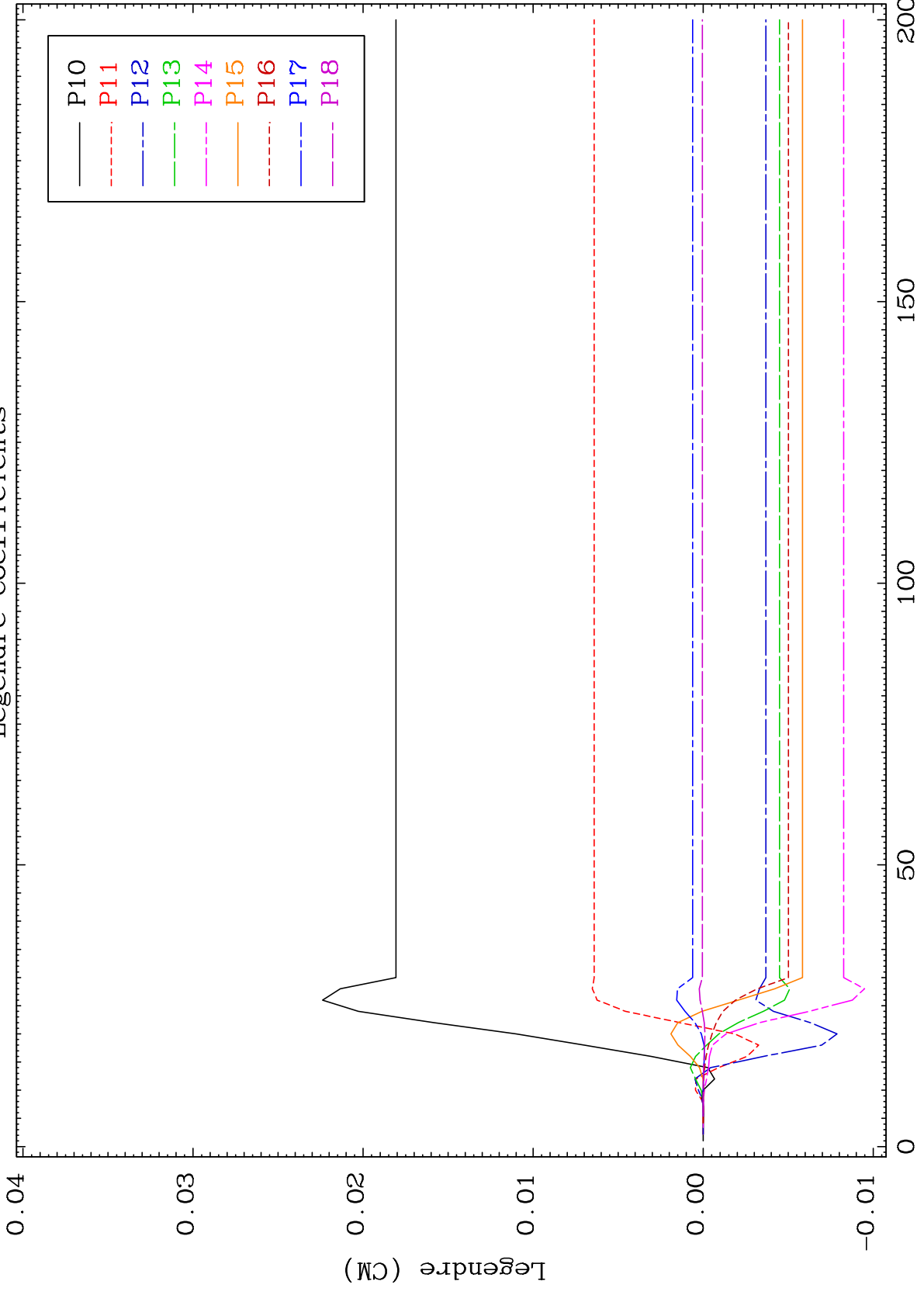
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



29

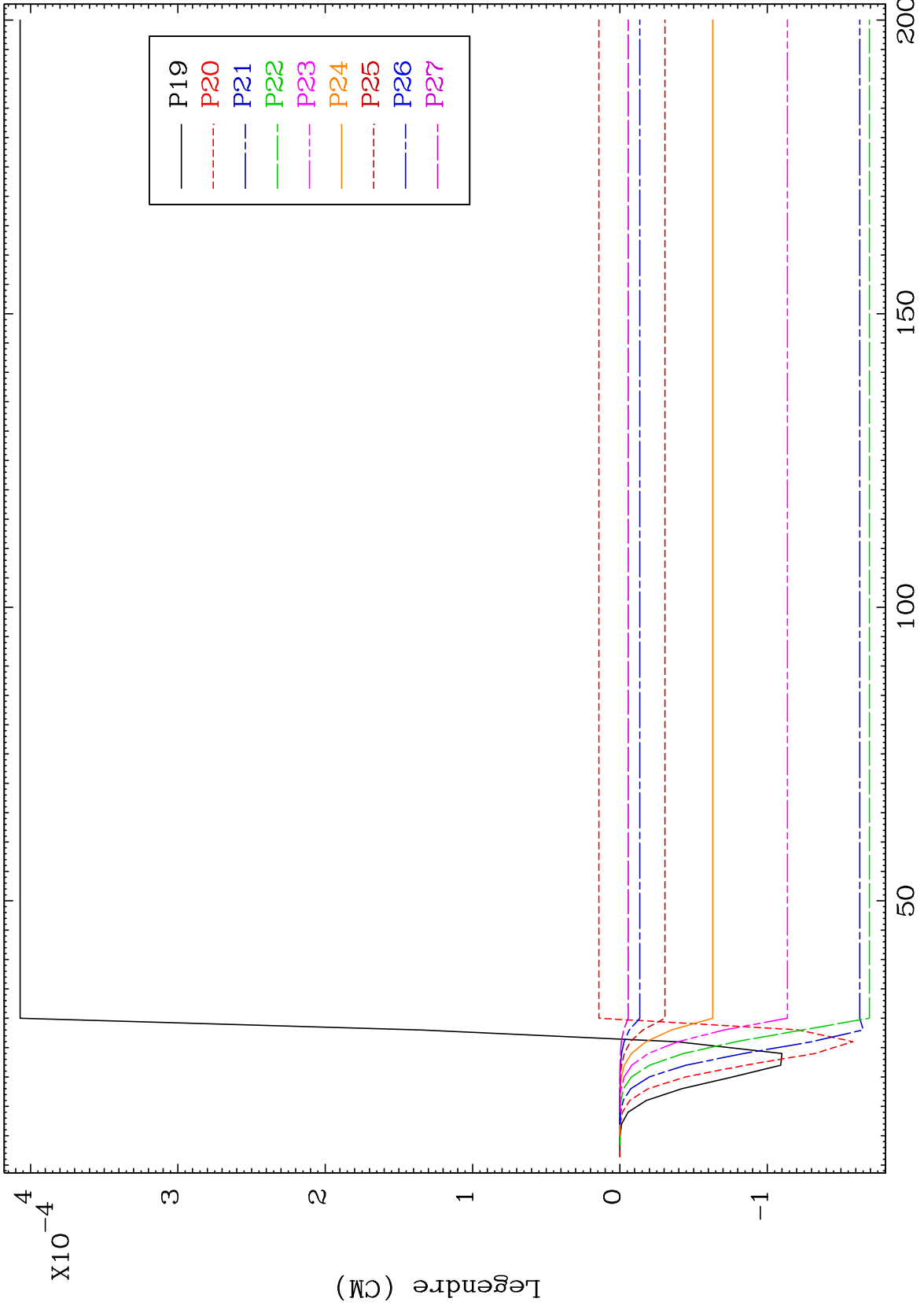
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



30

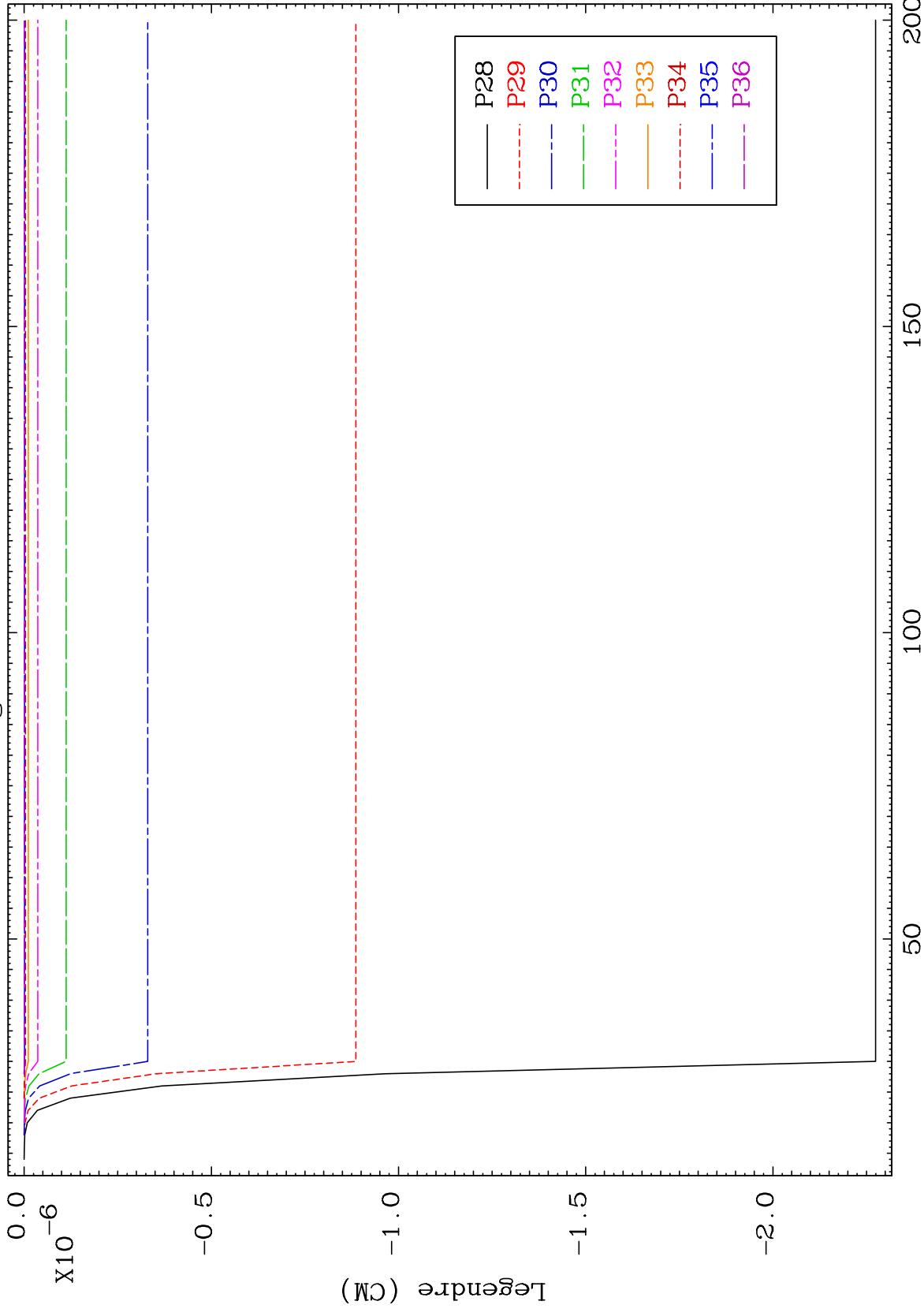
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



58-Ce-145

Incident Energy (MeV)

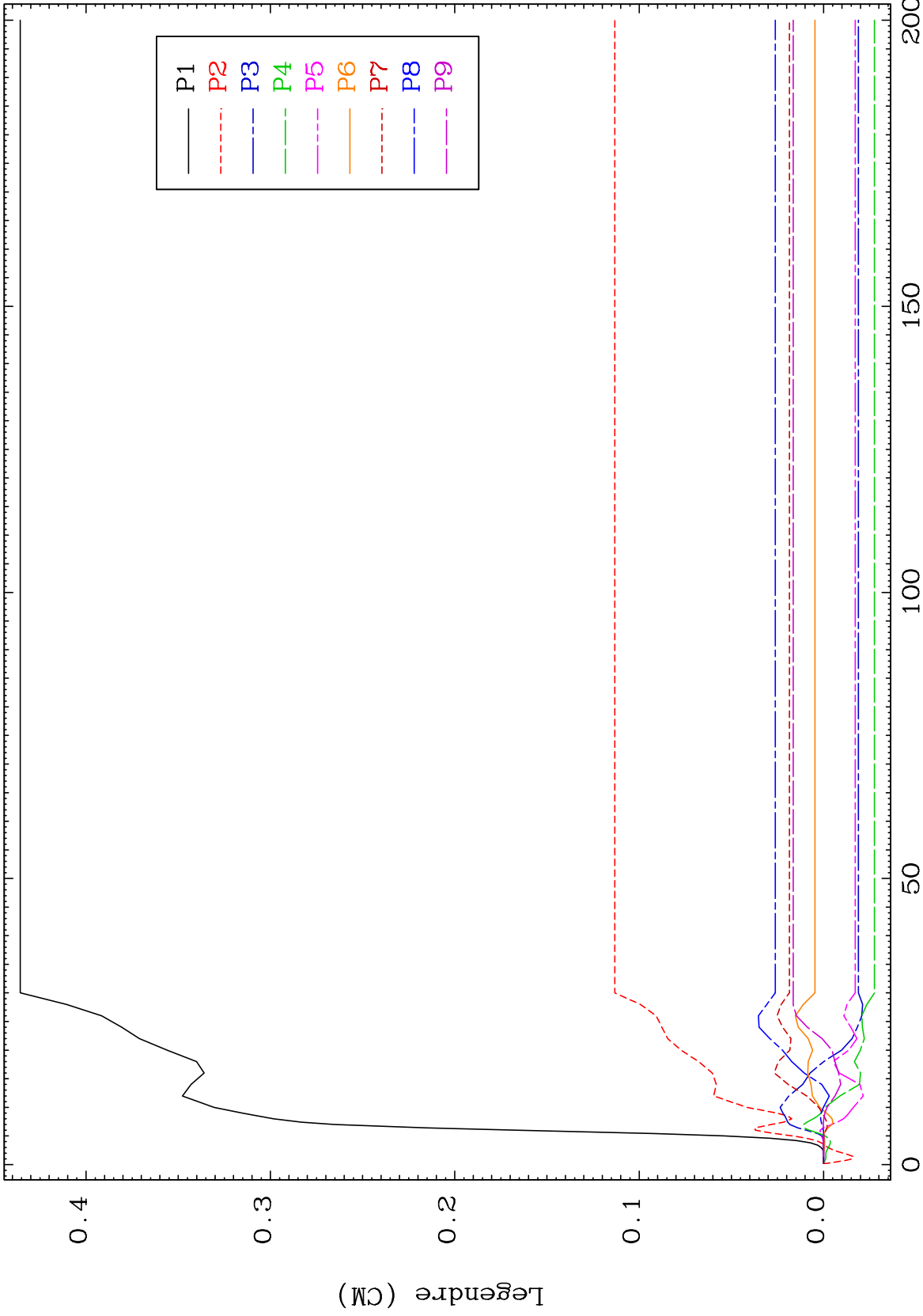
31



MAT 5852

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

58-Ce-145



32

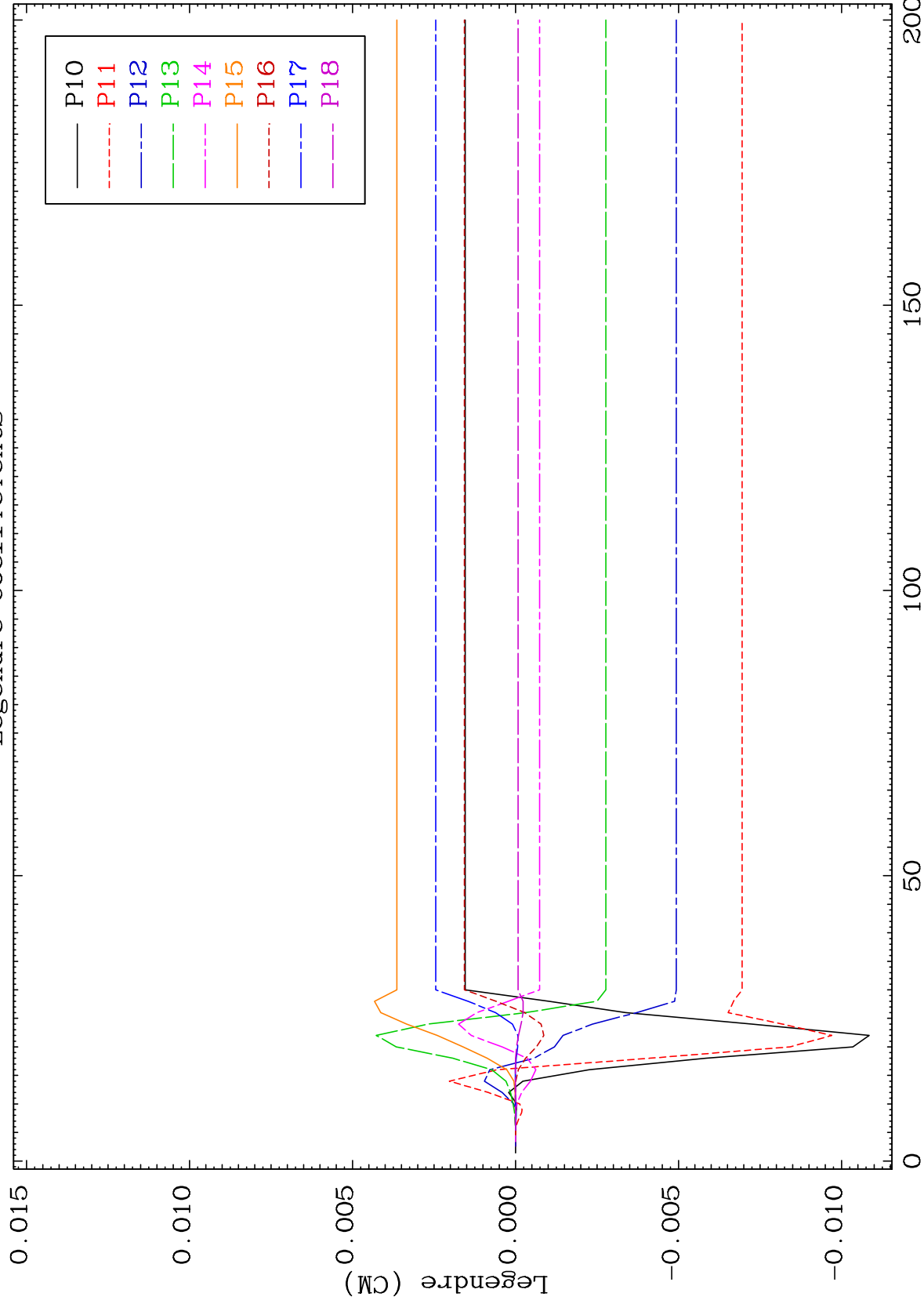
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



33

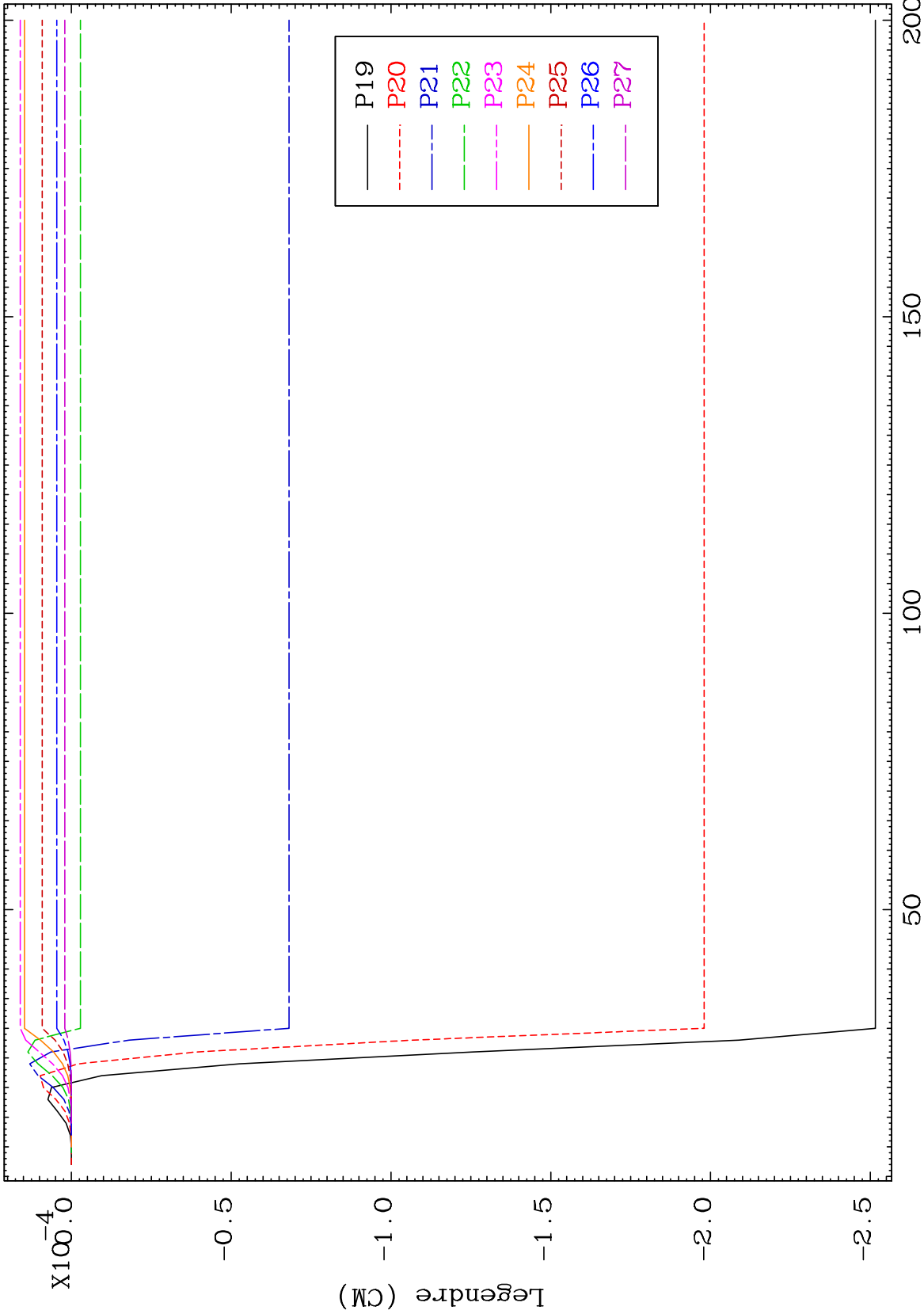
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



34

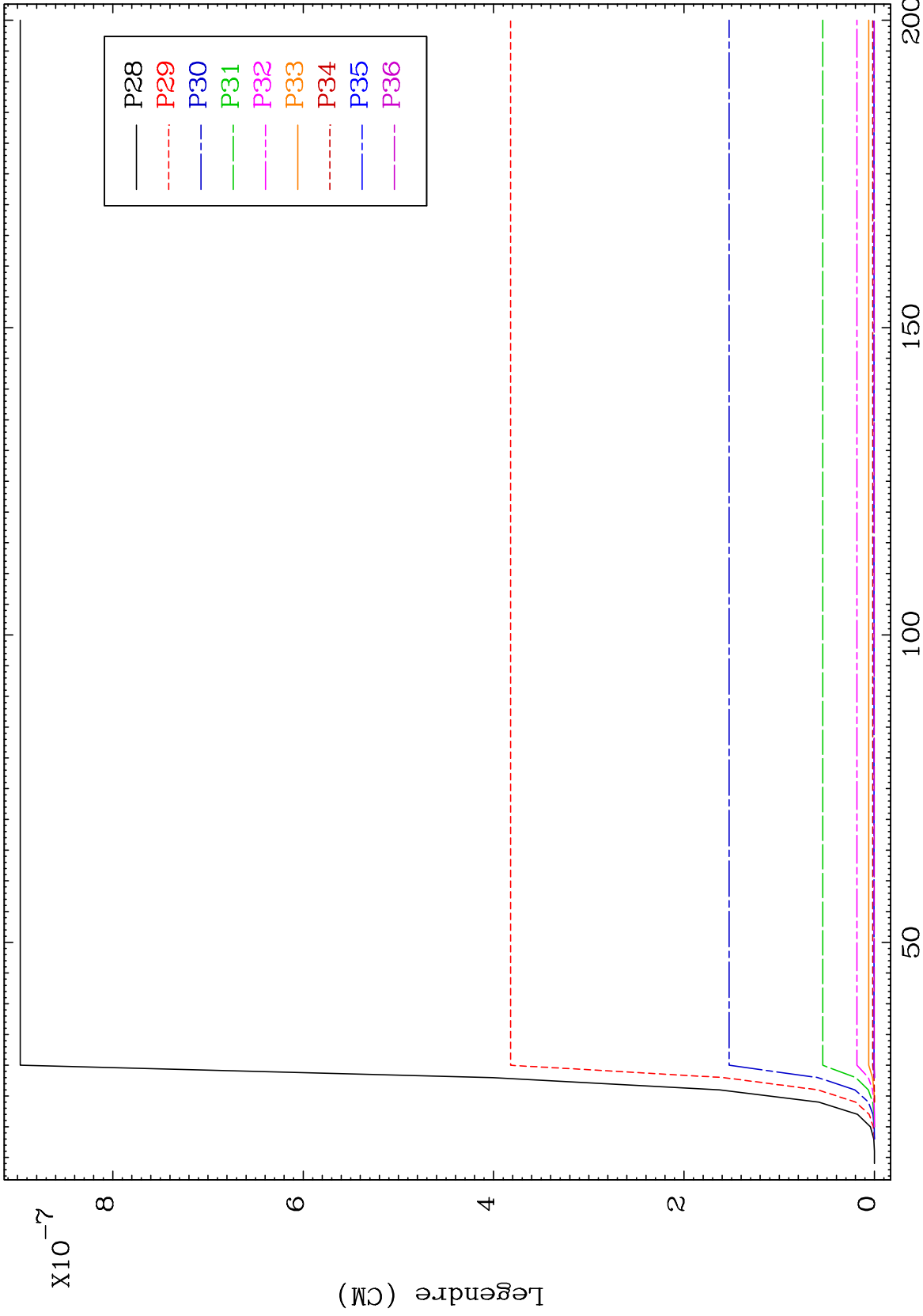
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



35

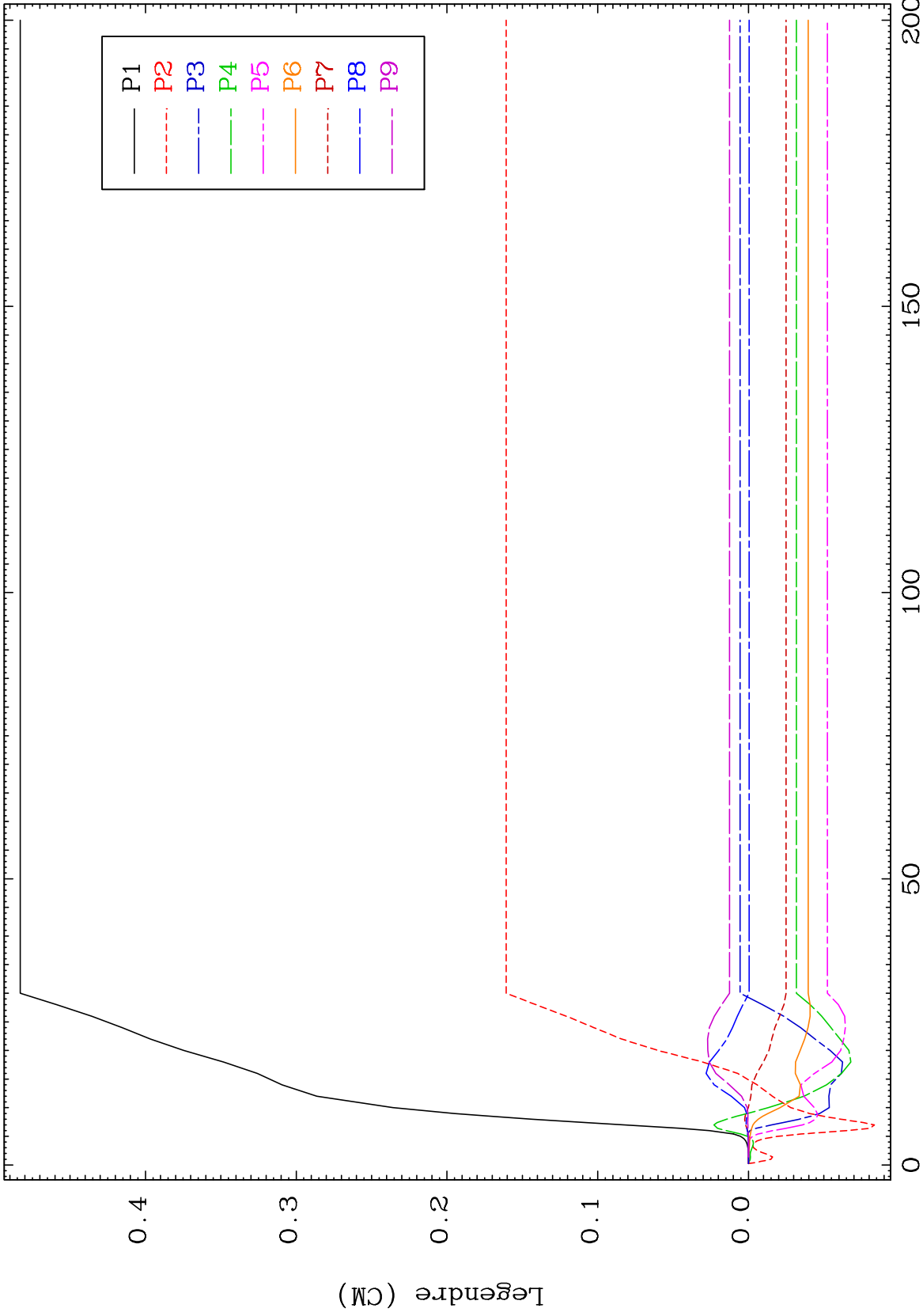
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



36

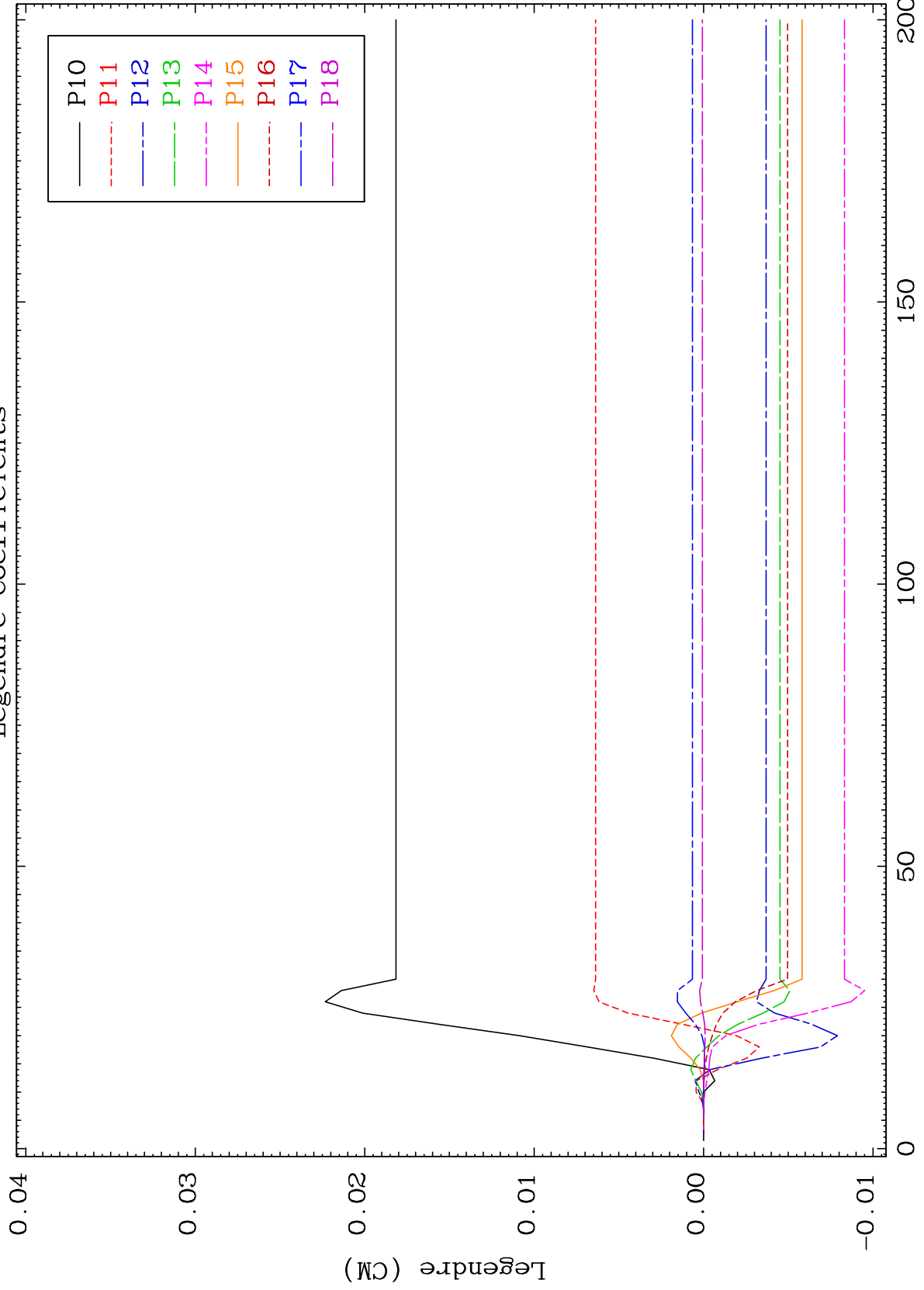
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



37

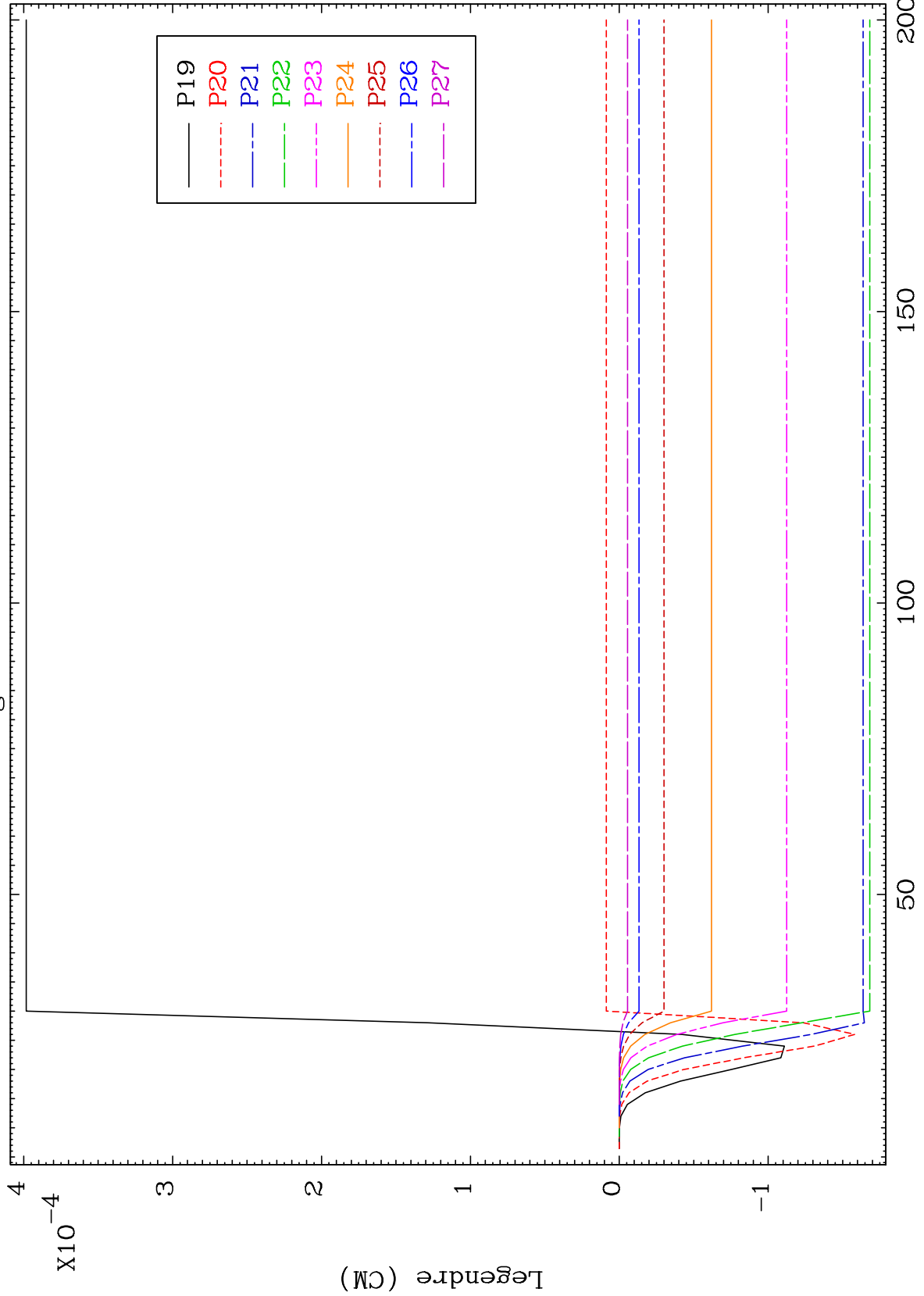
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



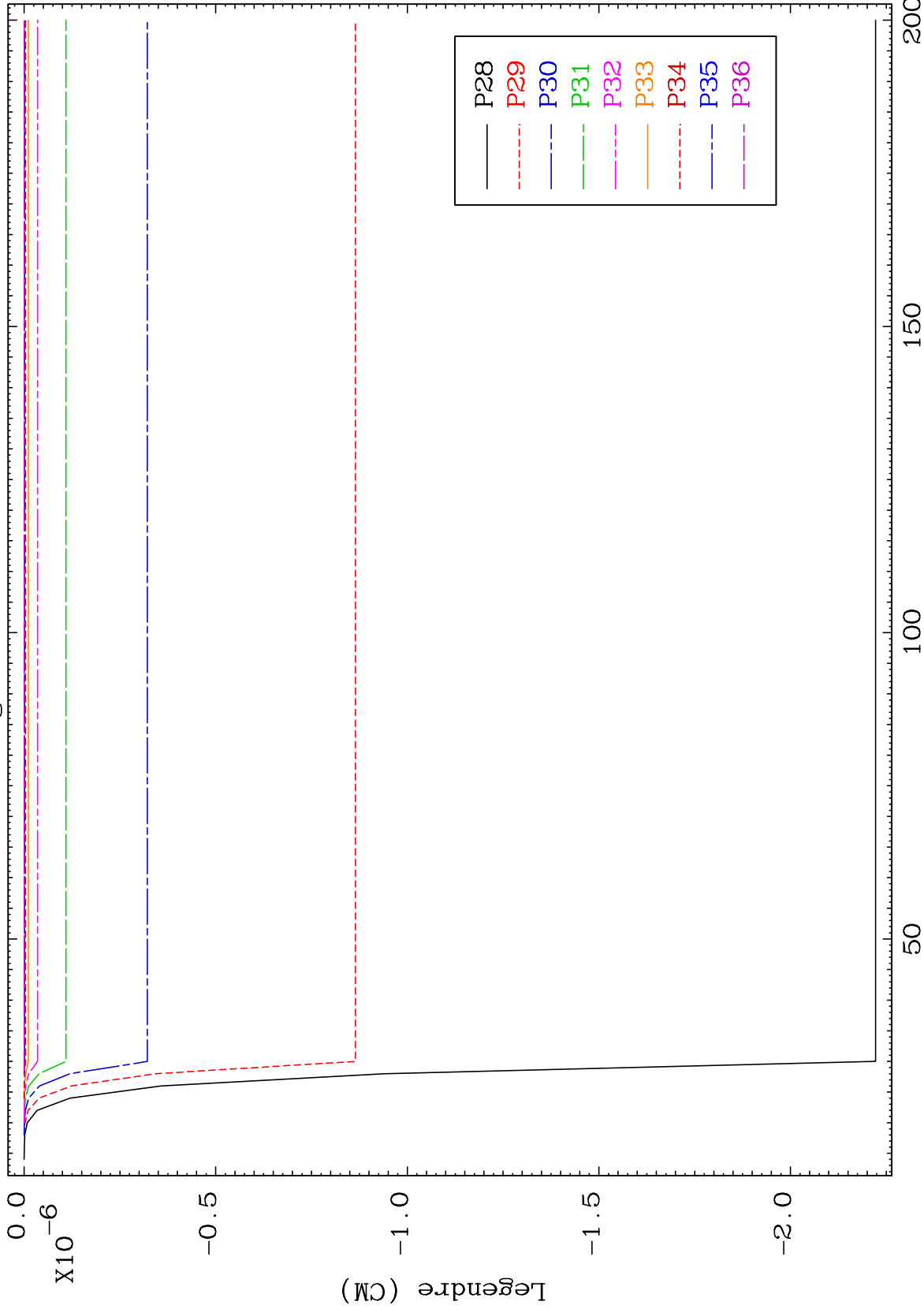
38

58-Ce-145

MAT 5852

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

58-Ce-145



58-Ce-145

Incident Energy (MeV)

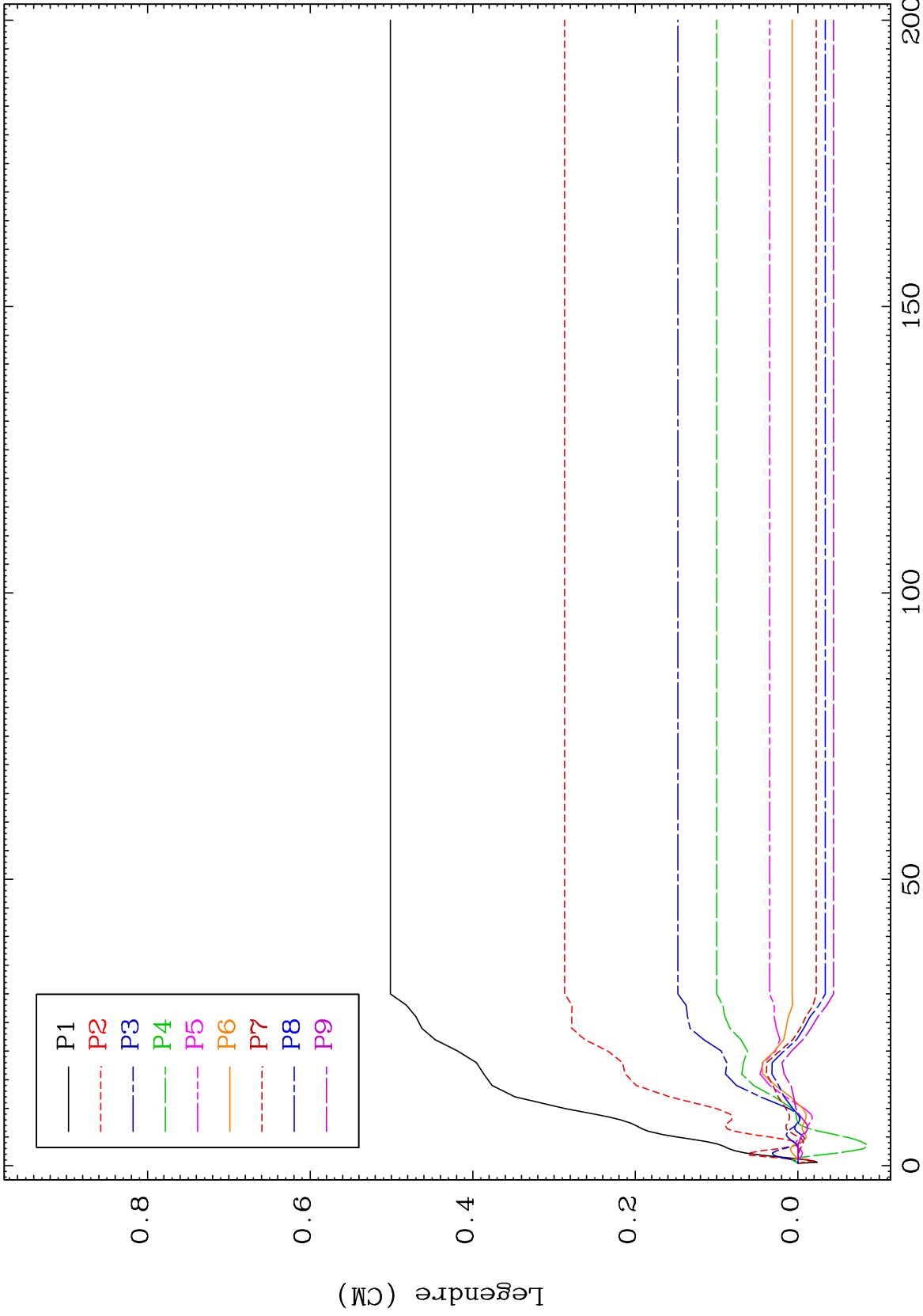
39



MAT 5852

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

58-Ce-145



40

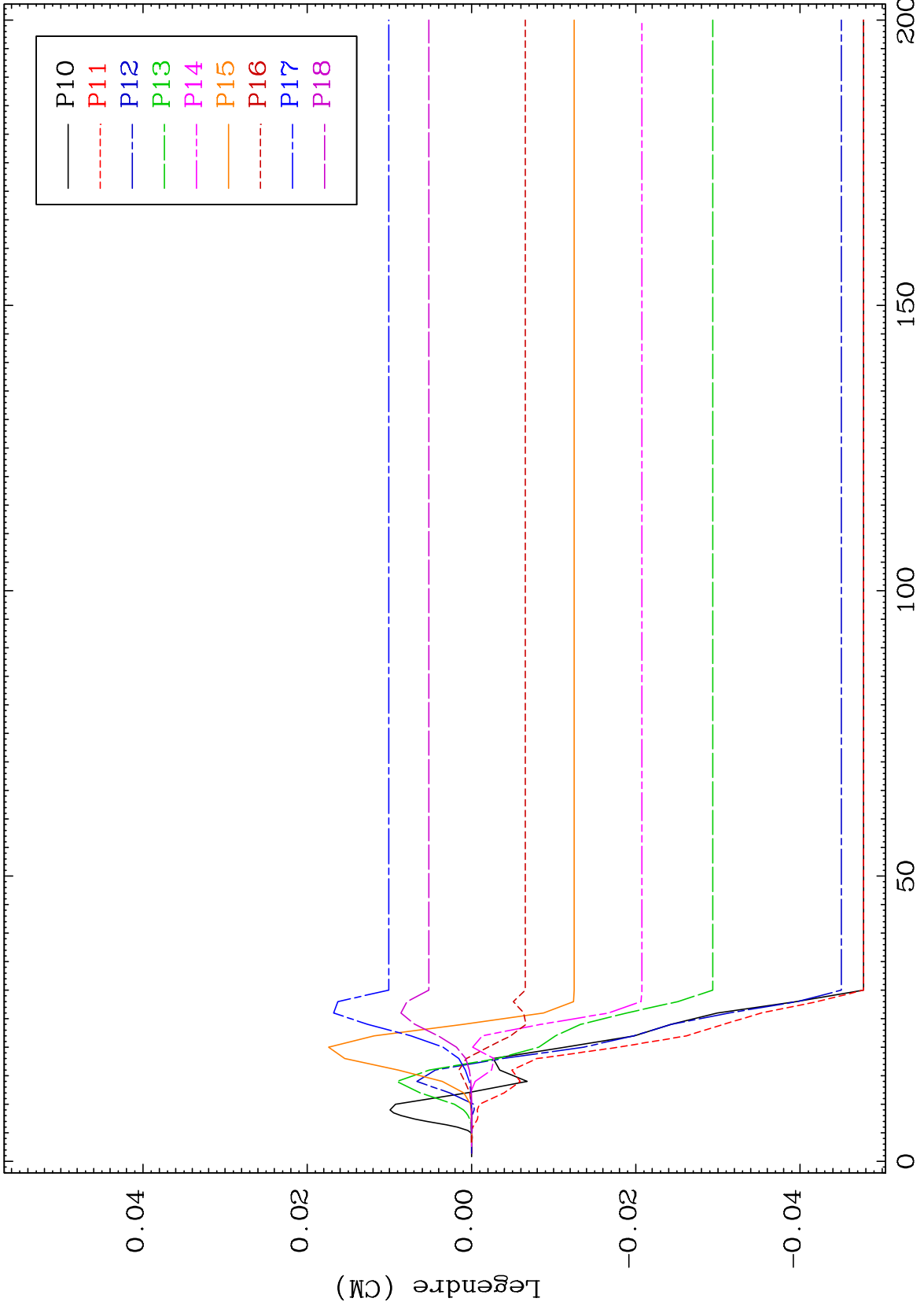
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



41

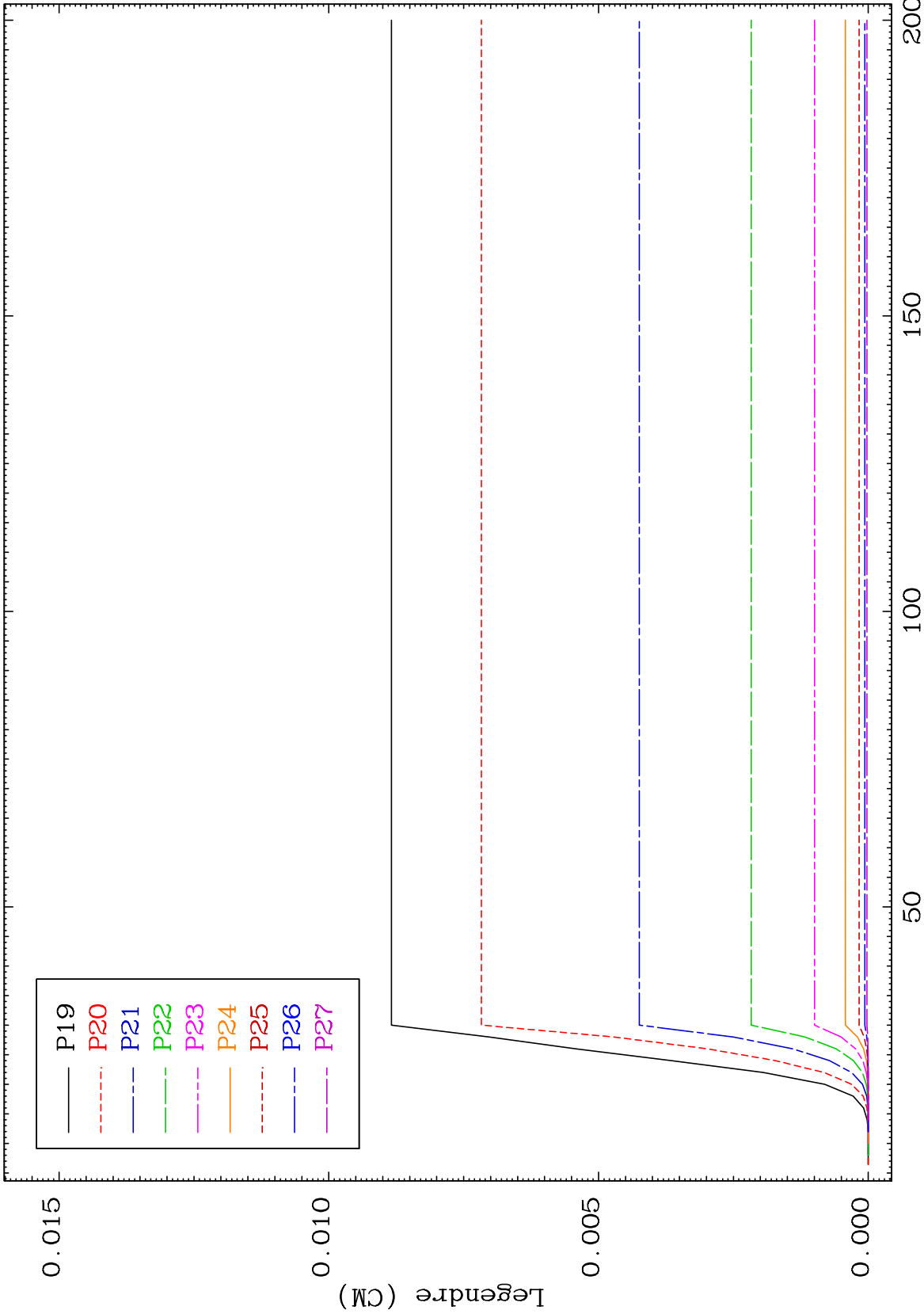
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



42

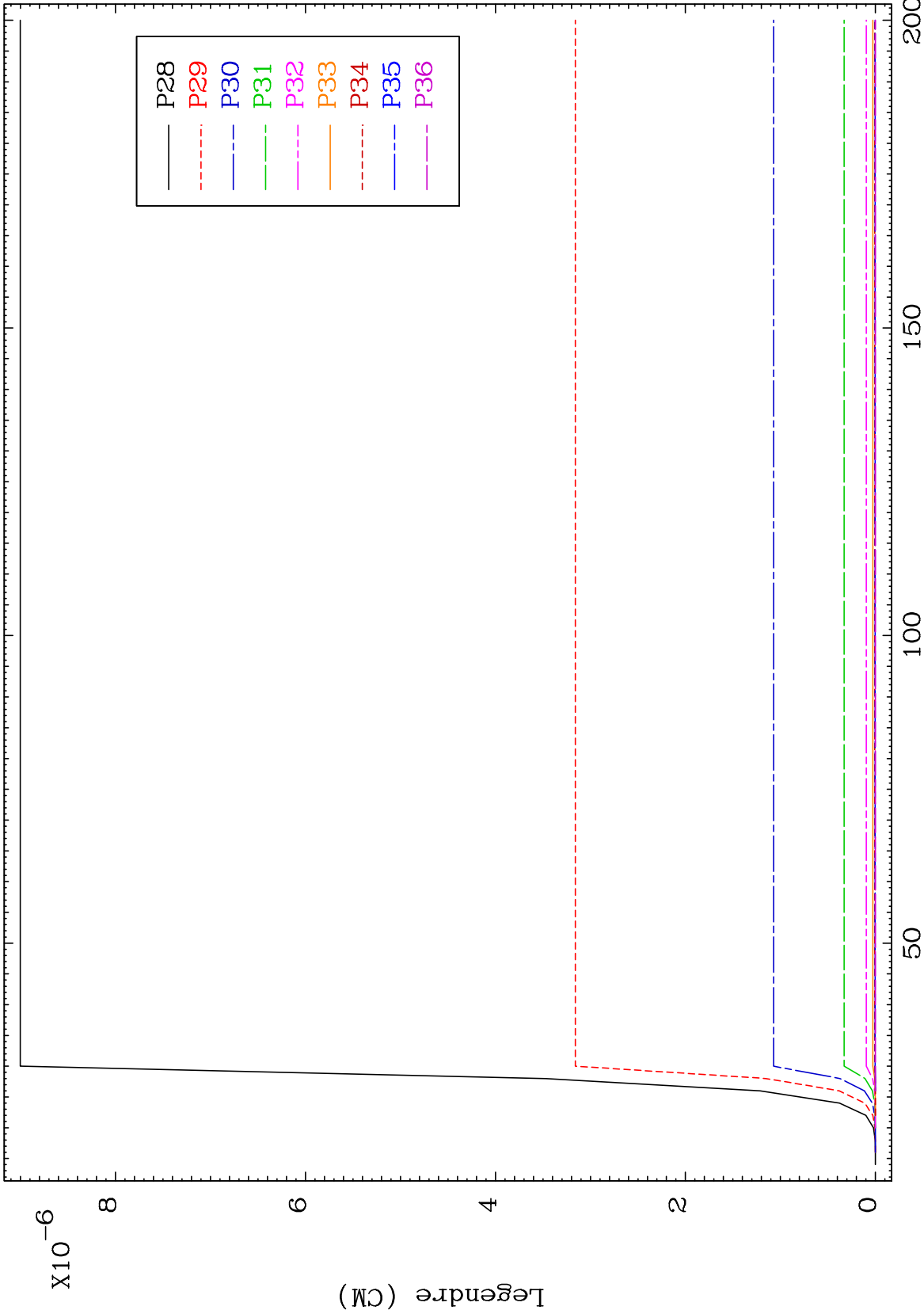
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



43

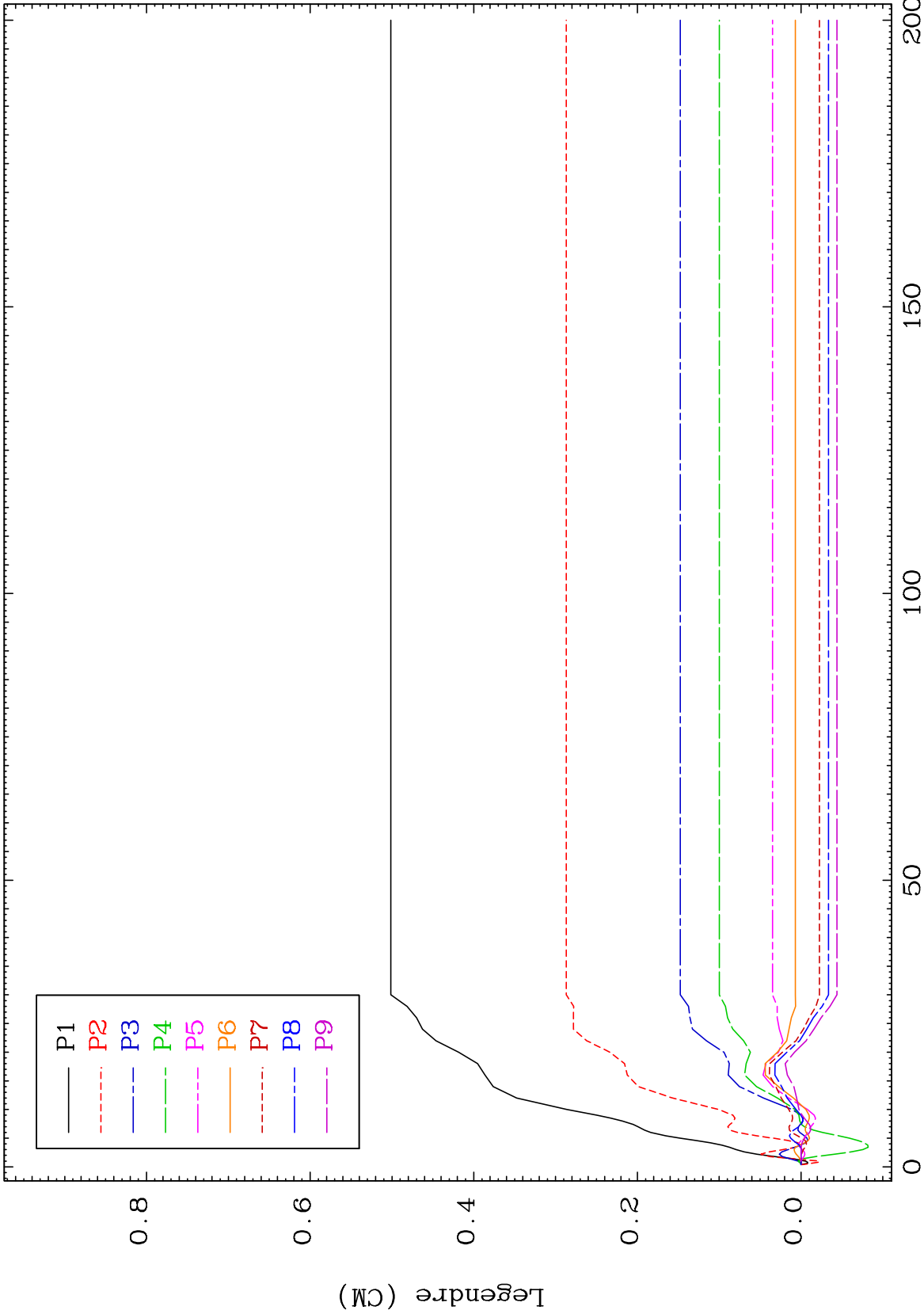
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



44

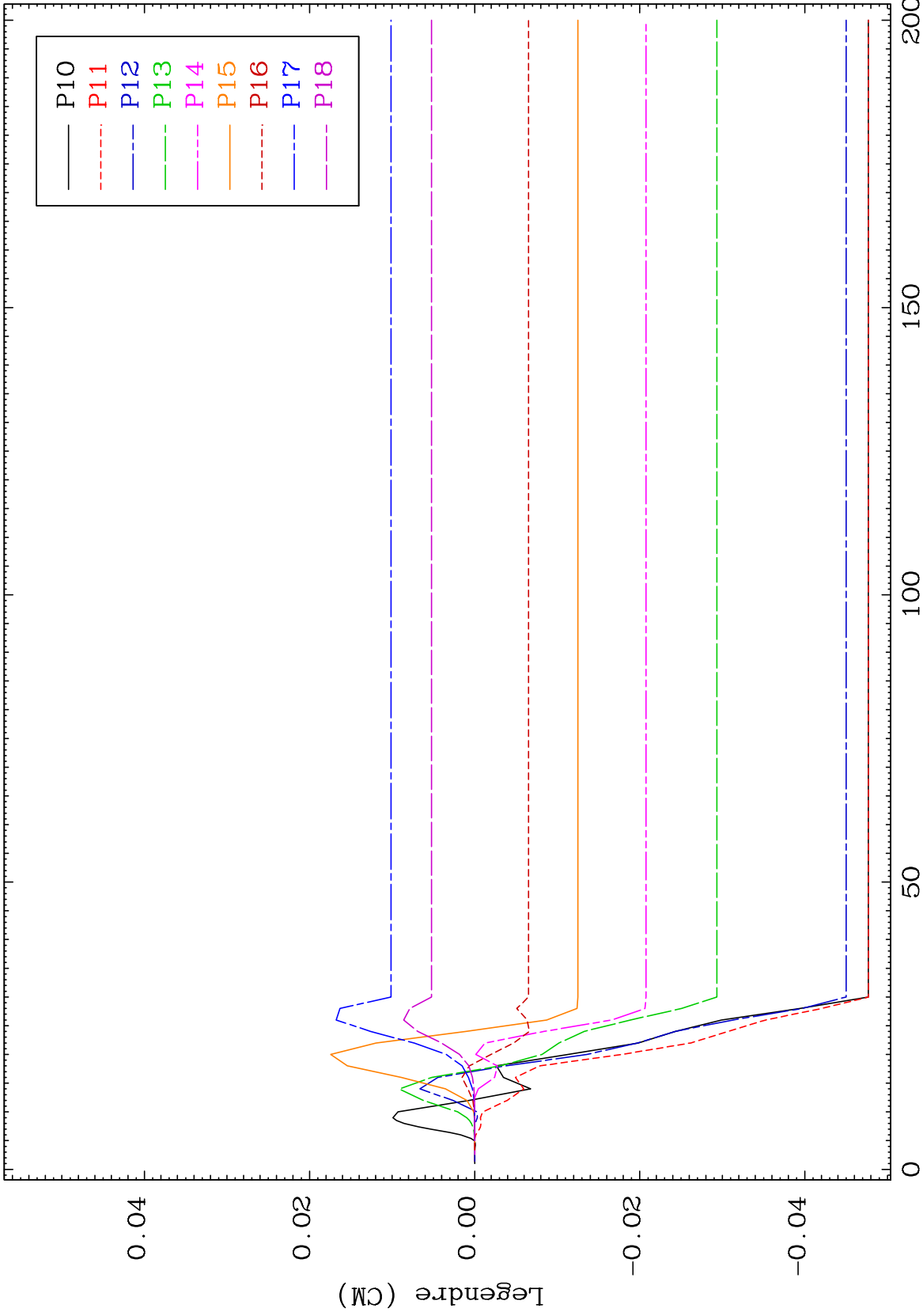
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



45

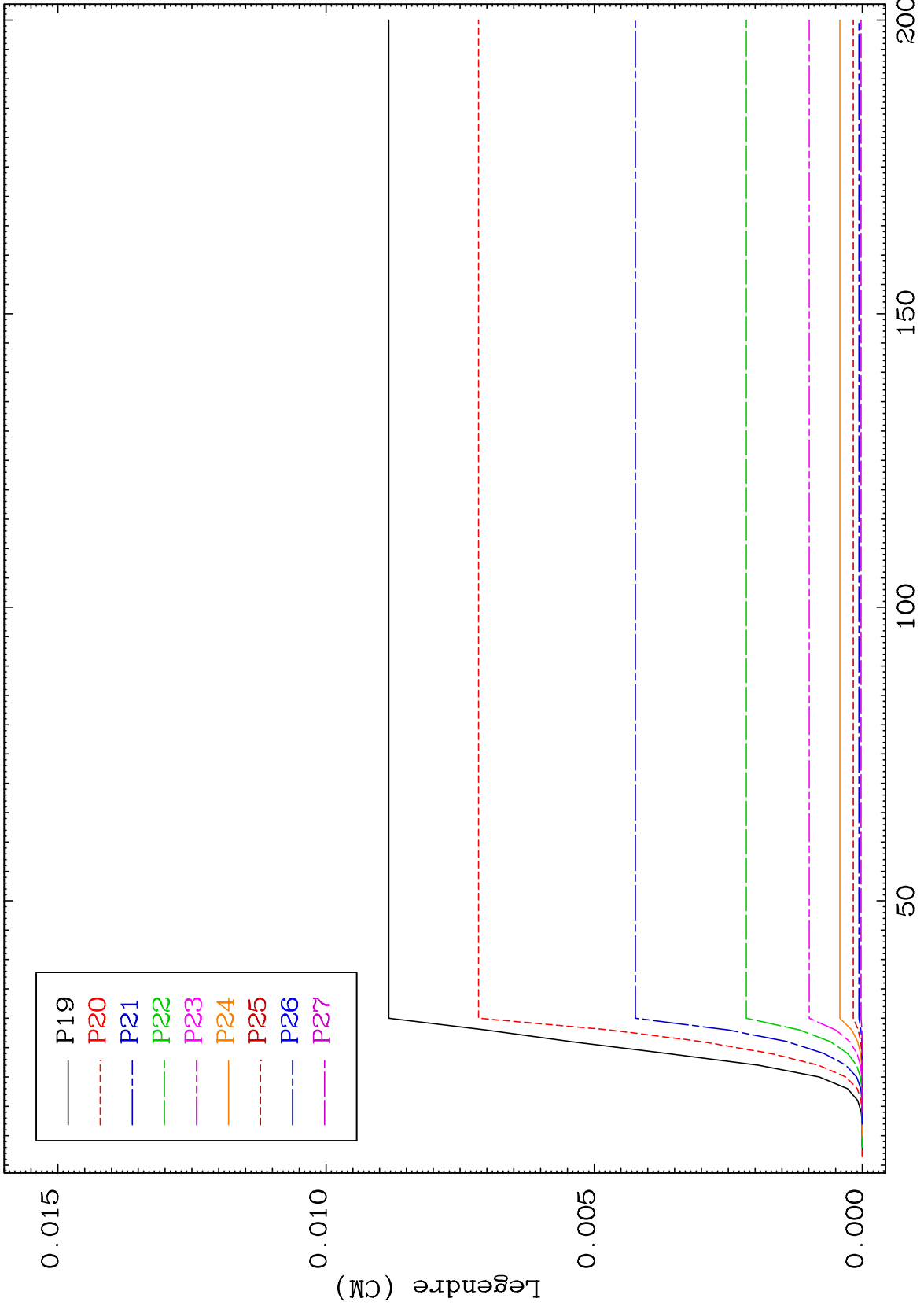
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



46

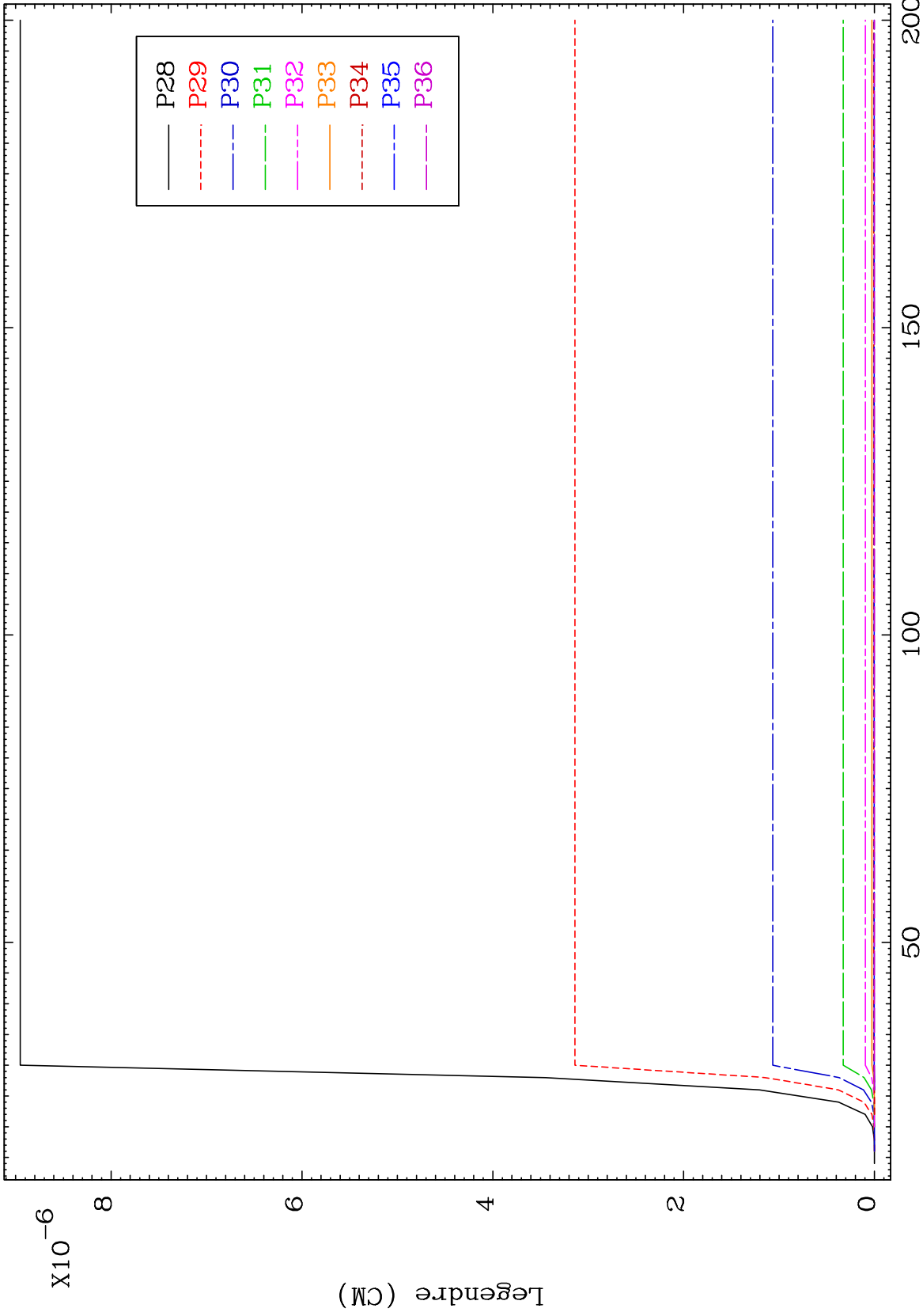
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



47

Incident Energy (MeV)

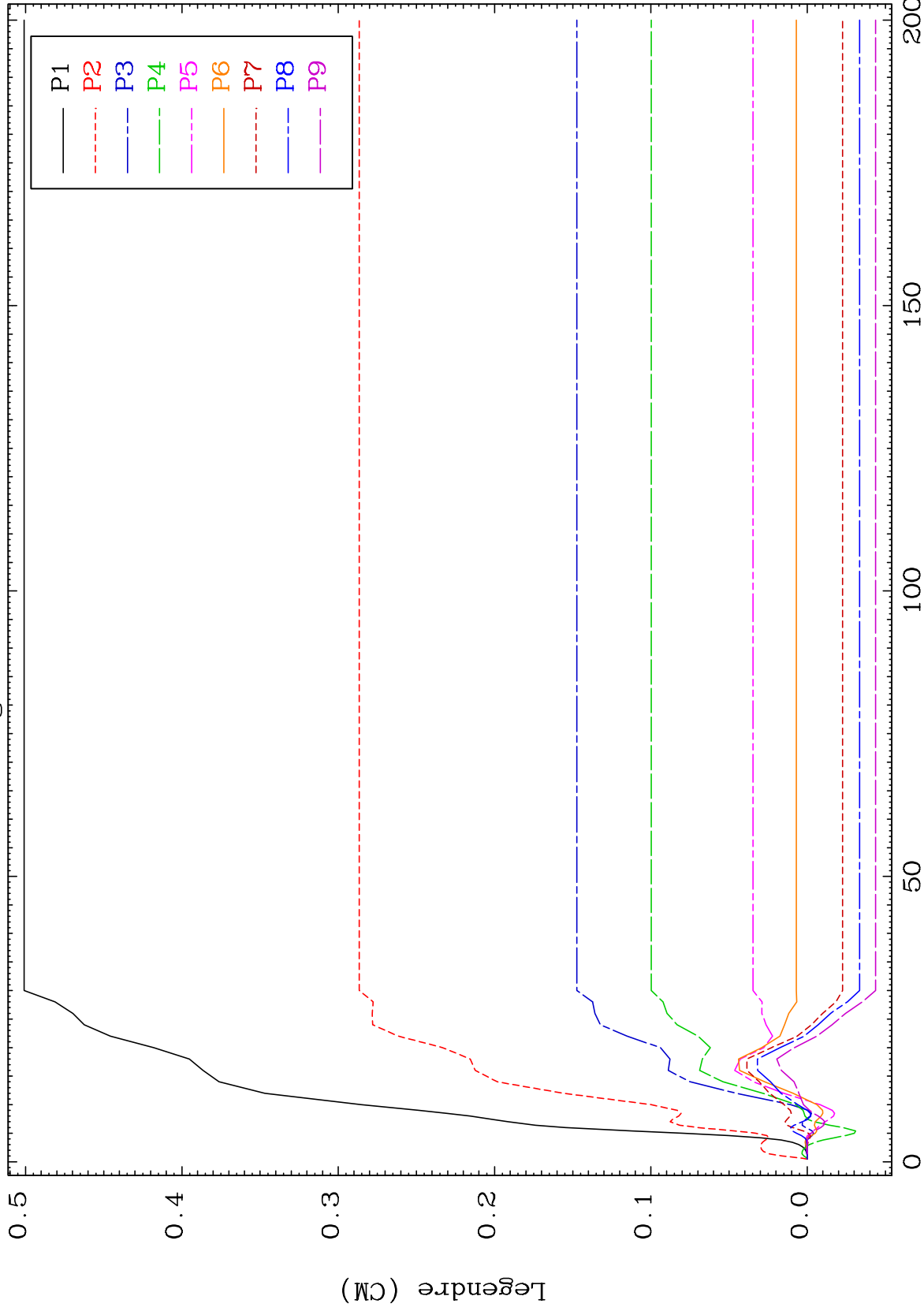
58-Ce-145



MAT 5852

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

58-Ce-145



48

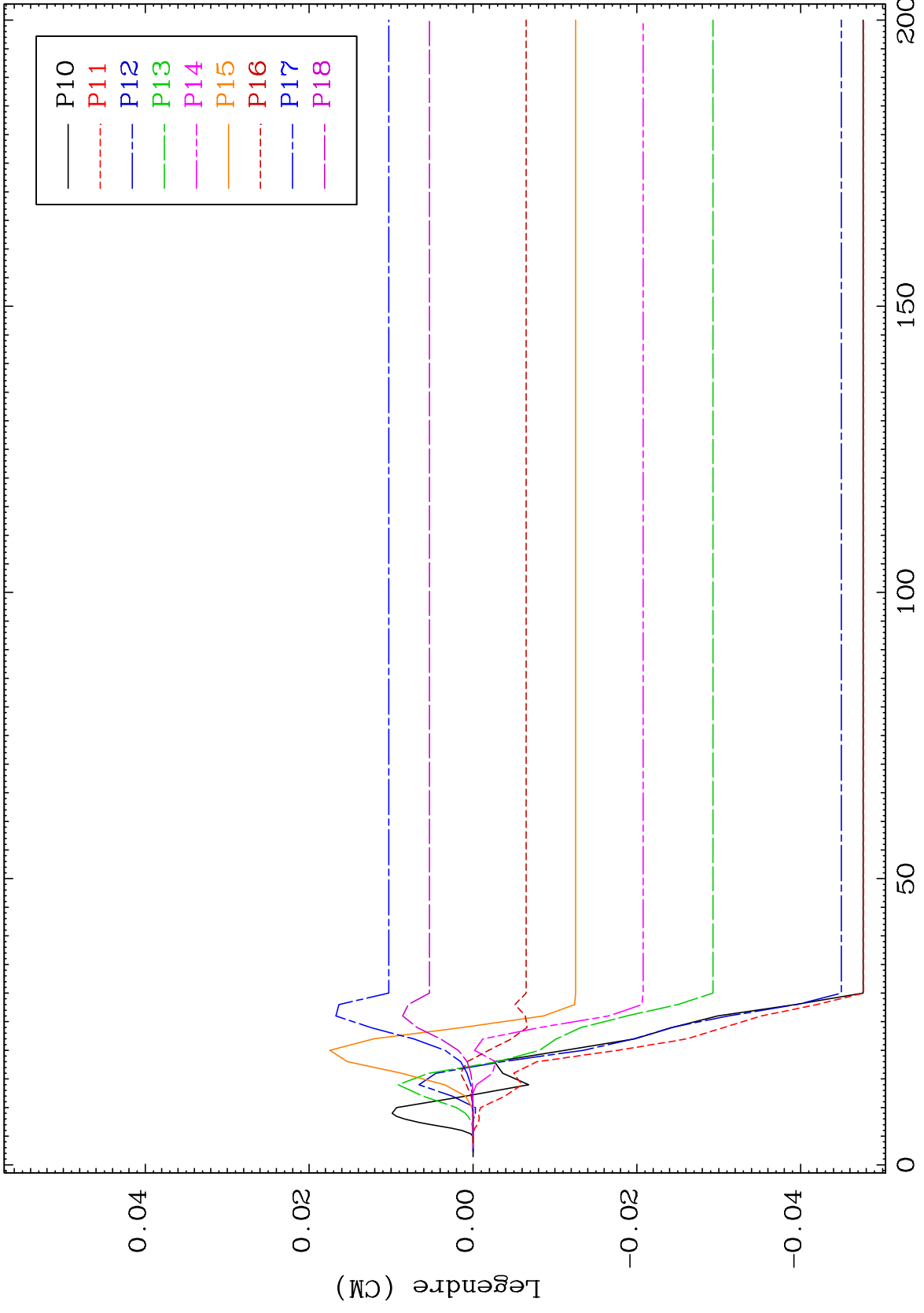
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



49

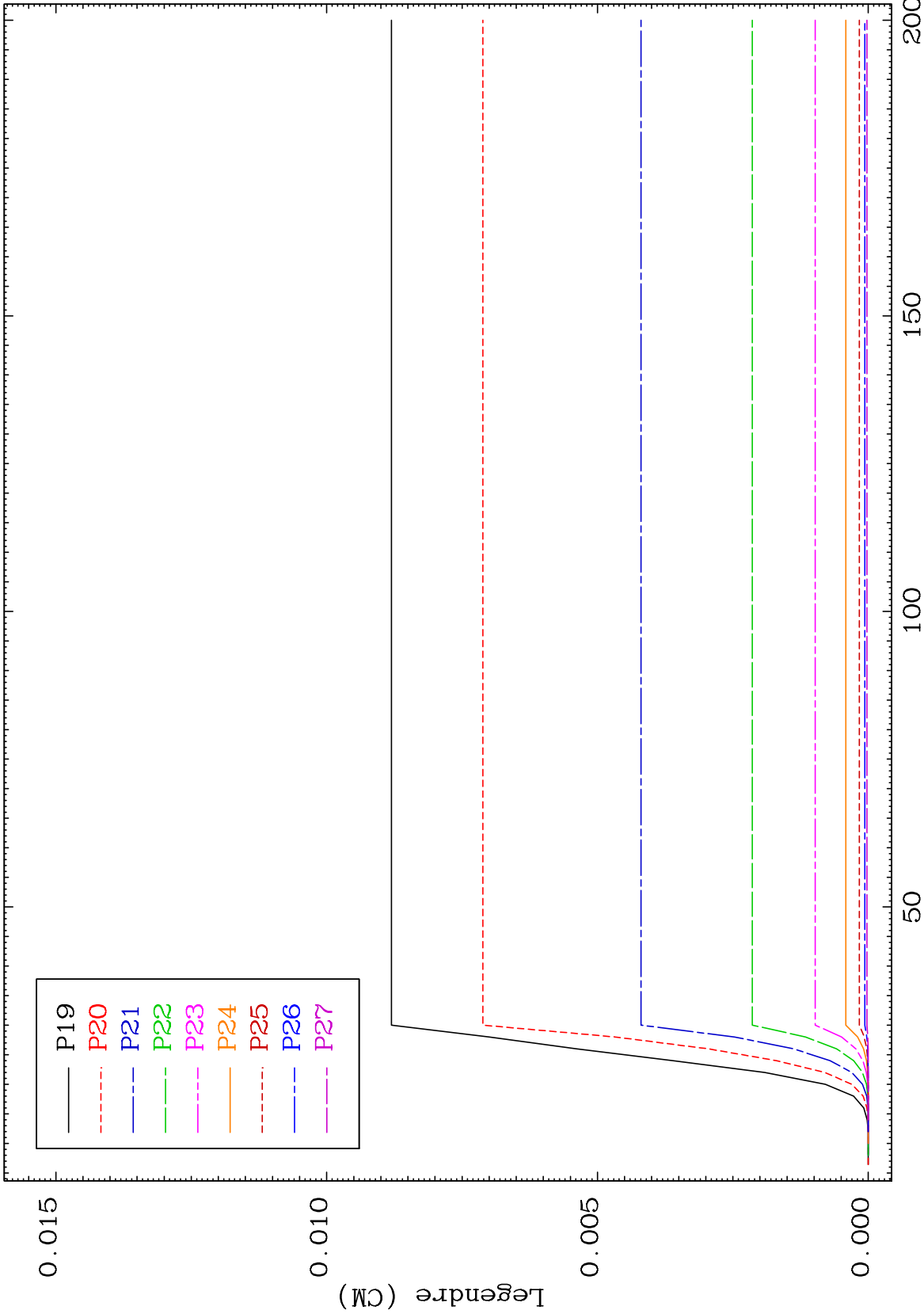
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



50

50

100

150

200

58-Ce-145

0.015

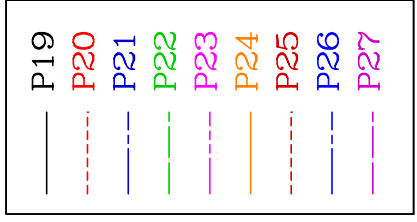
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0.005

0.000

Legendre (CM)

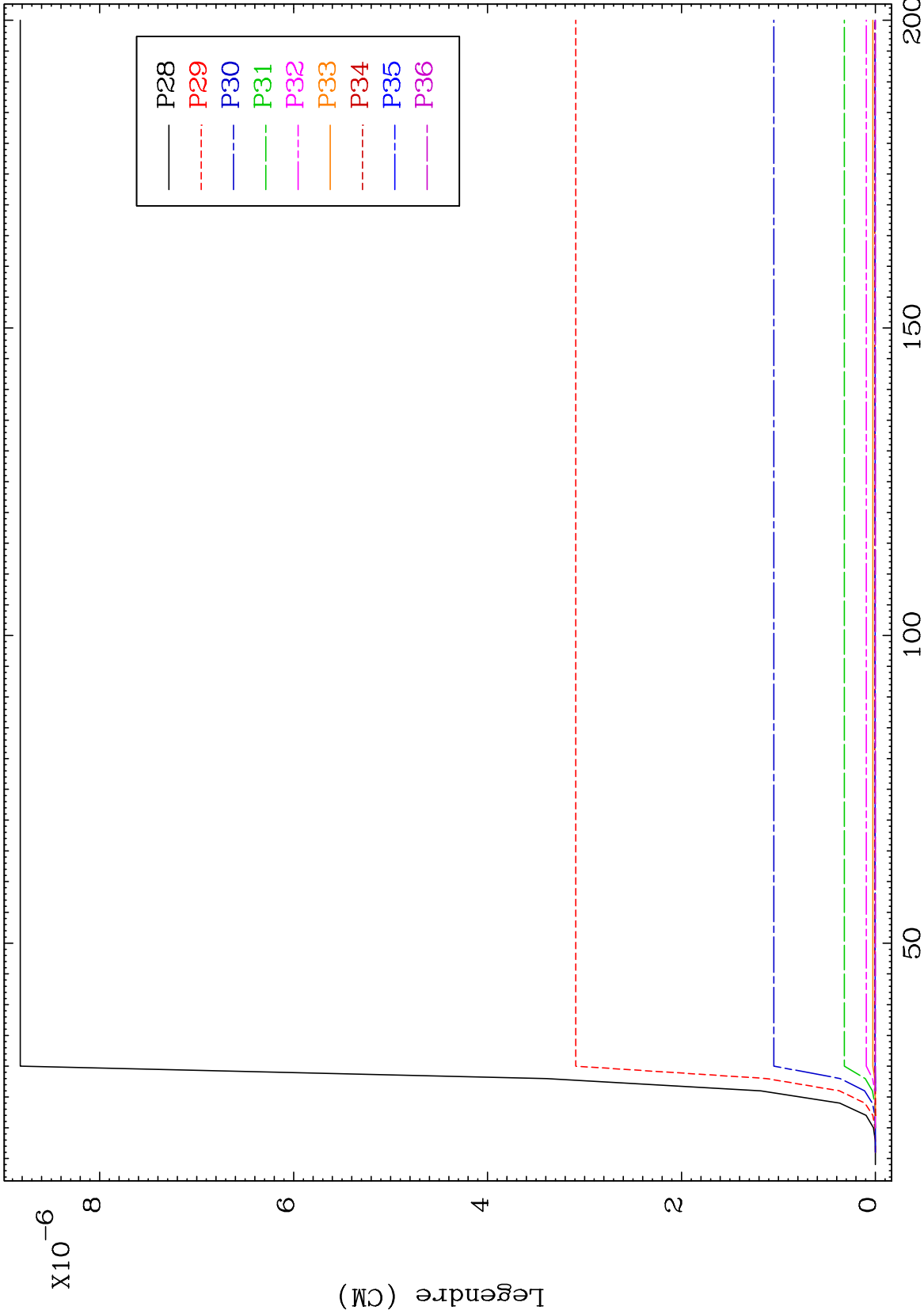
Incident Energy (MeV)



MAT 5852

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

58-Ce-145



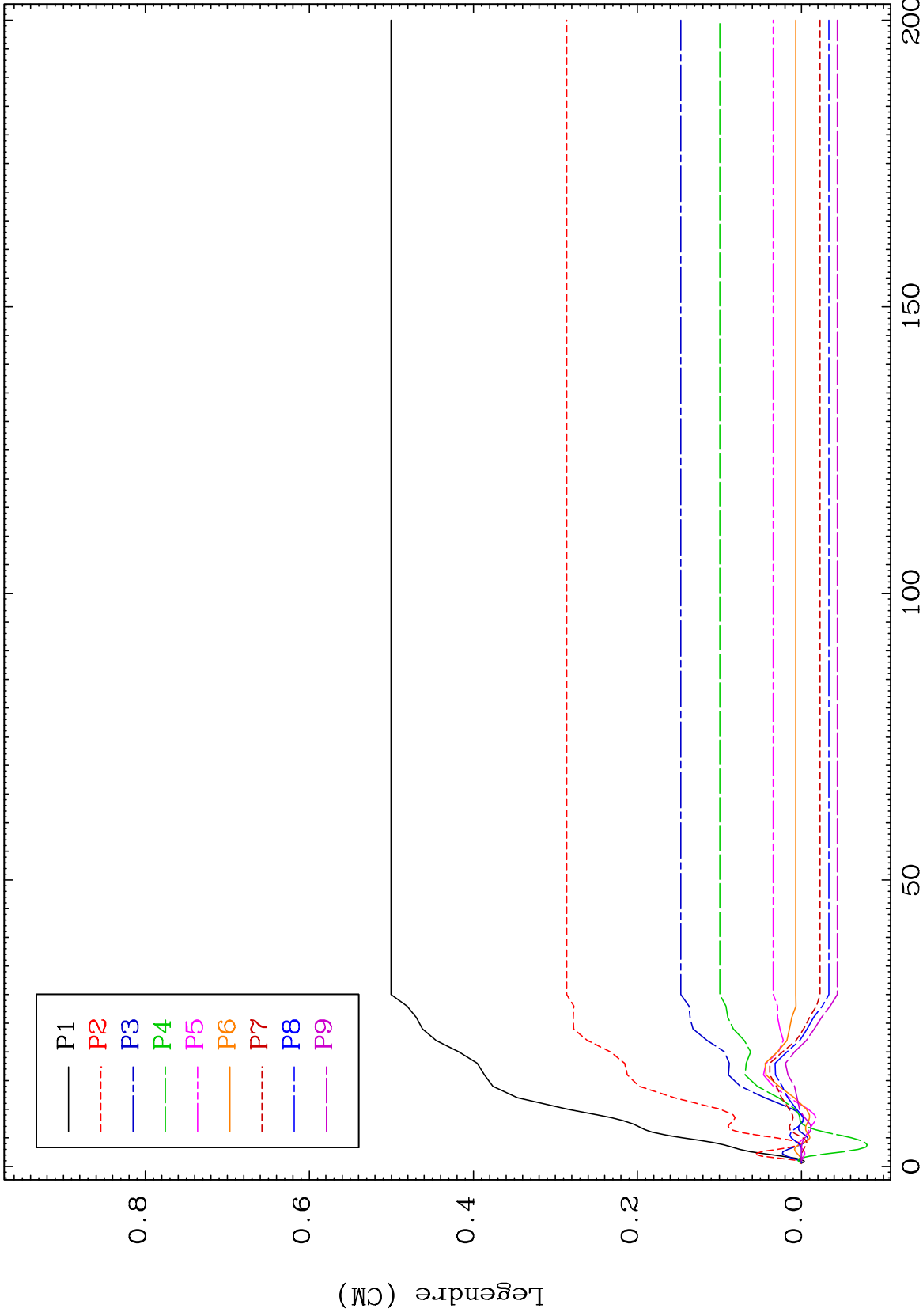
51

58-Ce-145

MAT 5852

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

58-Ce-145



52

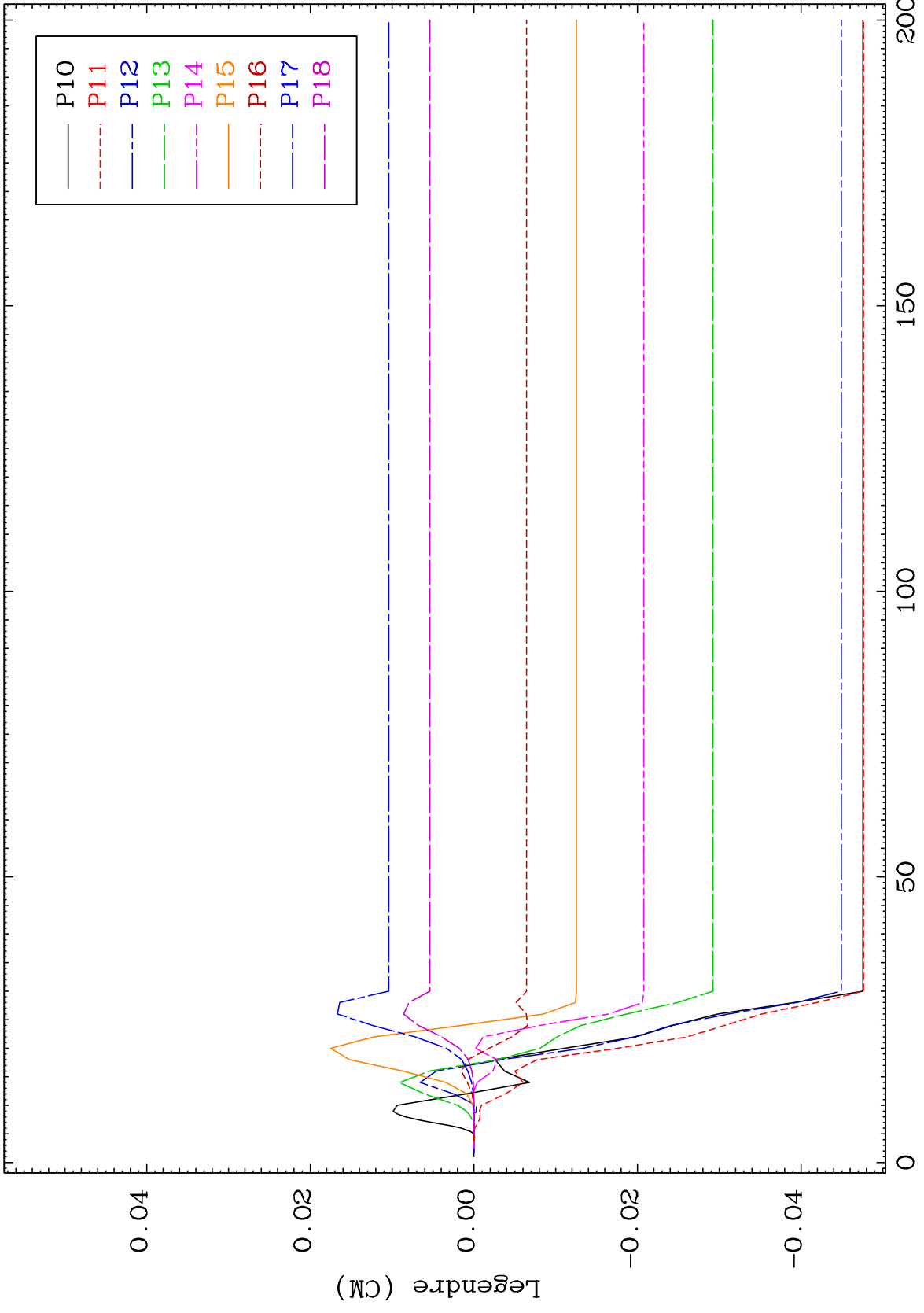
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



53

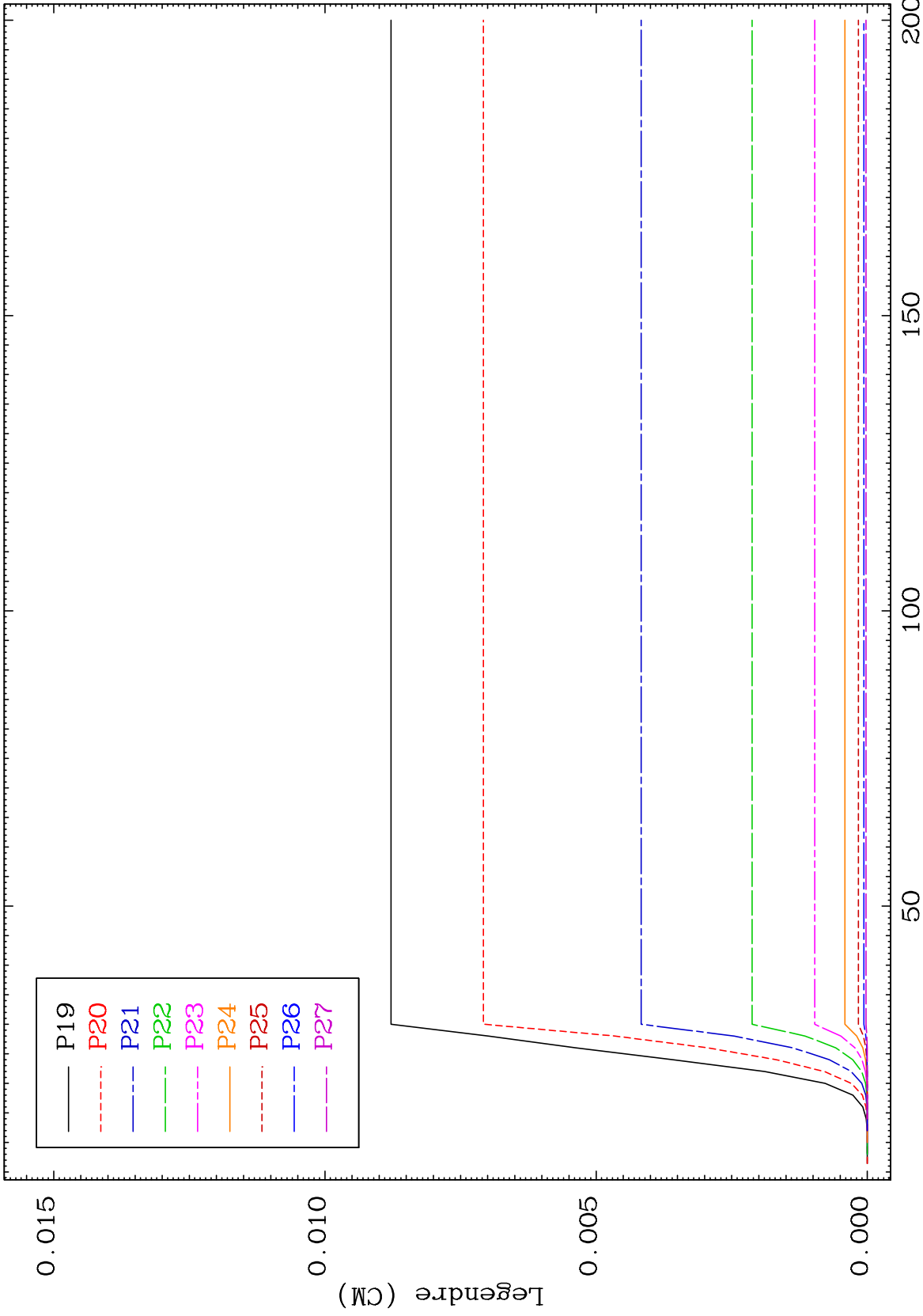
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



54

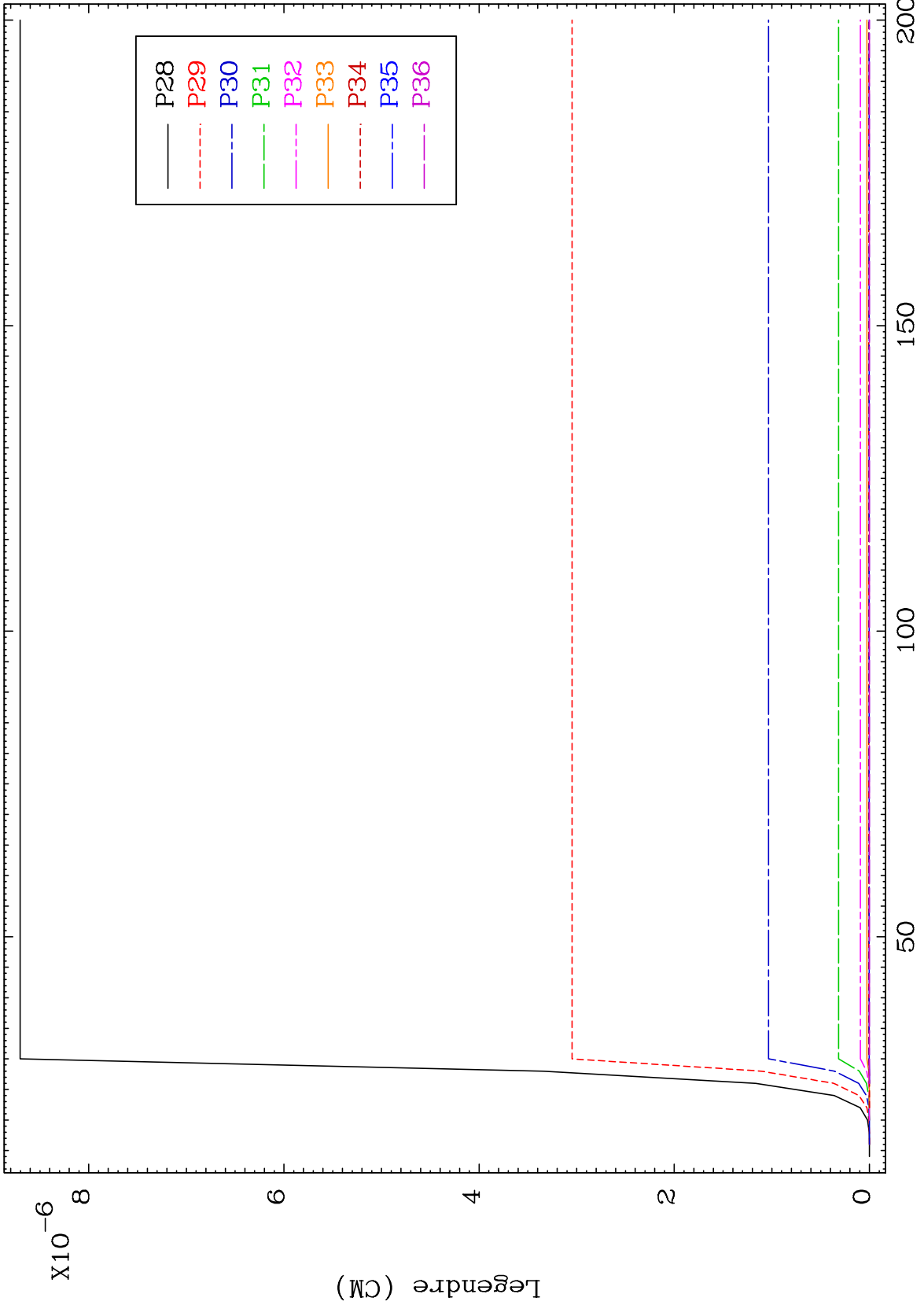
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



55

Incident Energy (MeV)

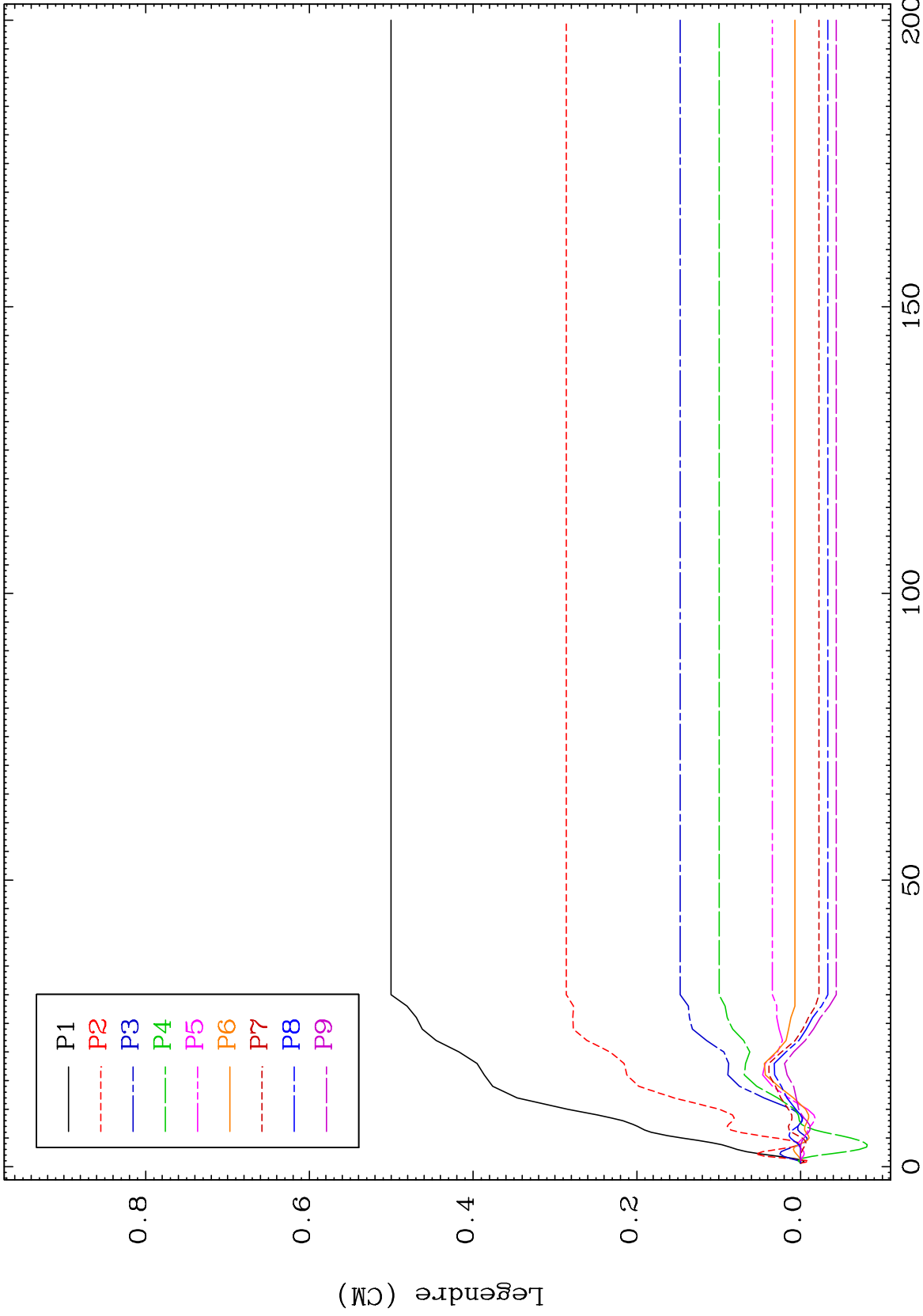
58-Ce-145



MAT 5852

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

58-Ce-145



56

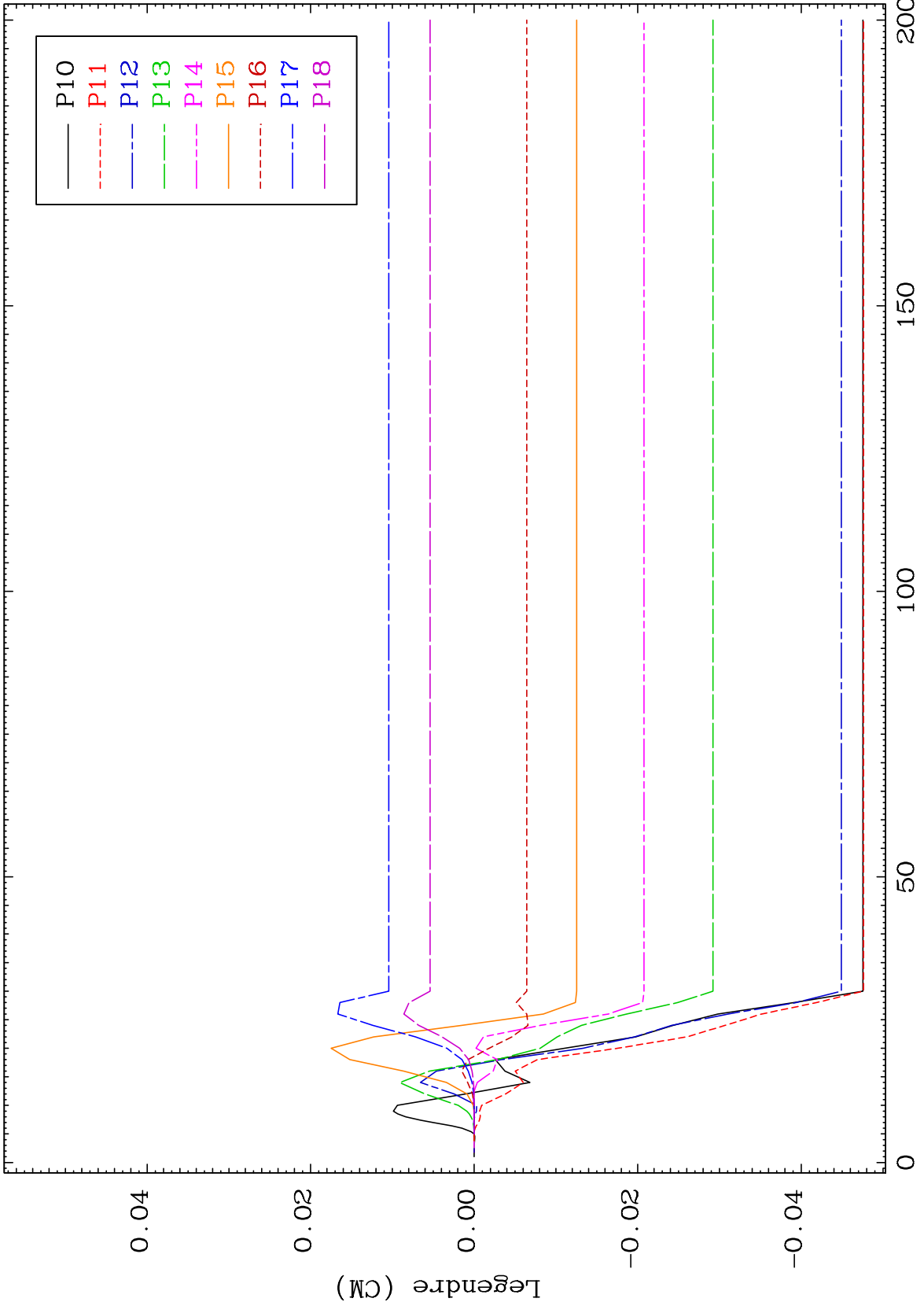
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



57

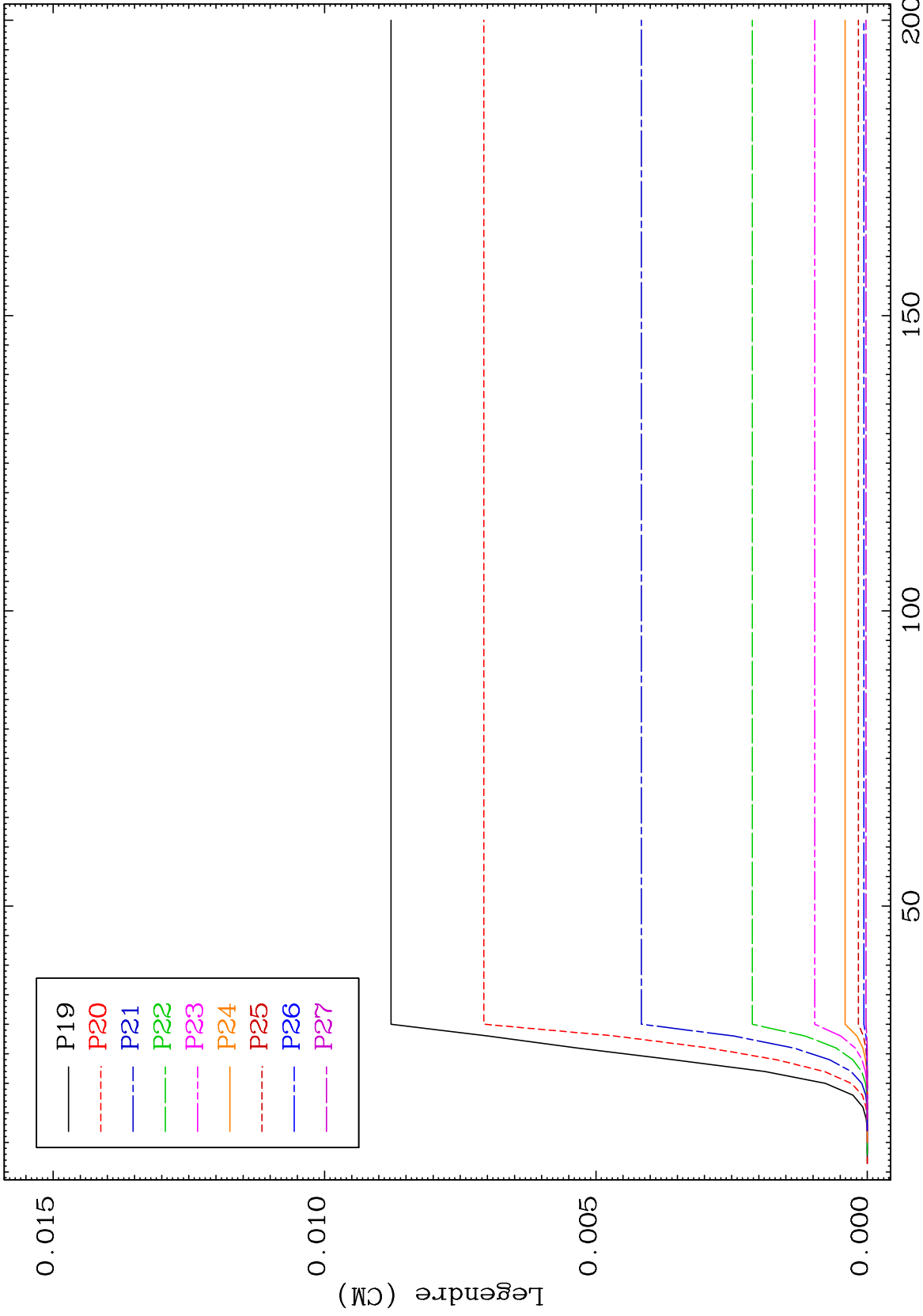
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



58

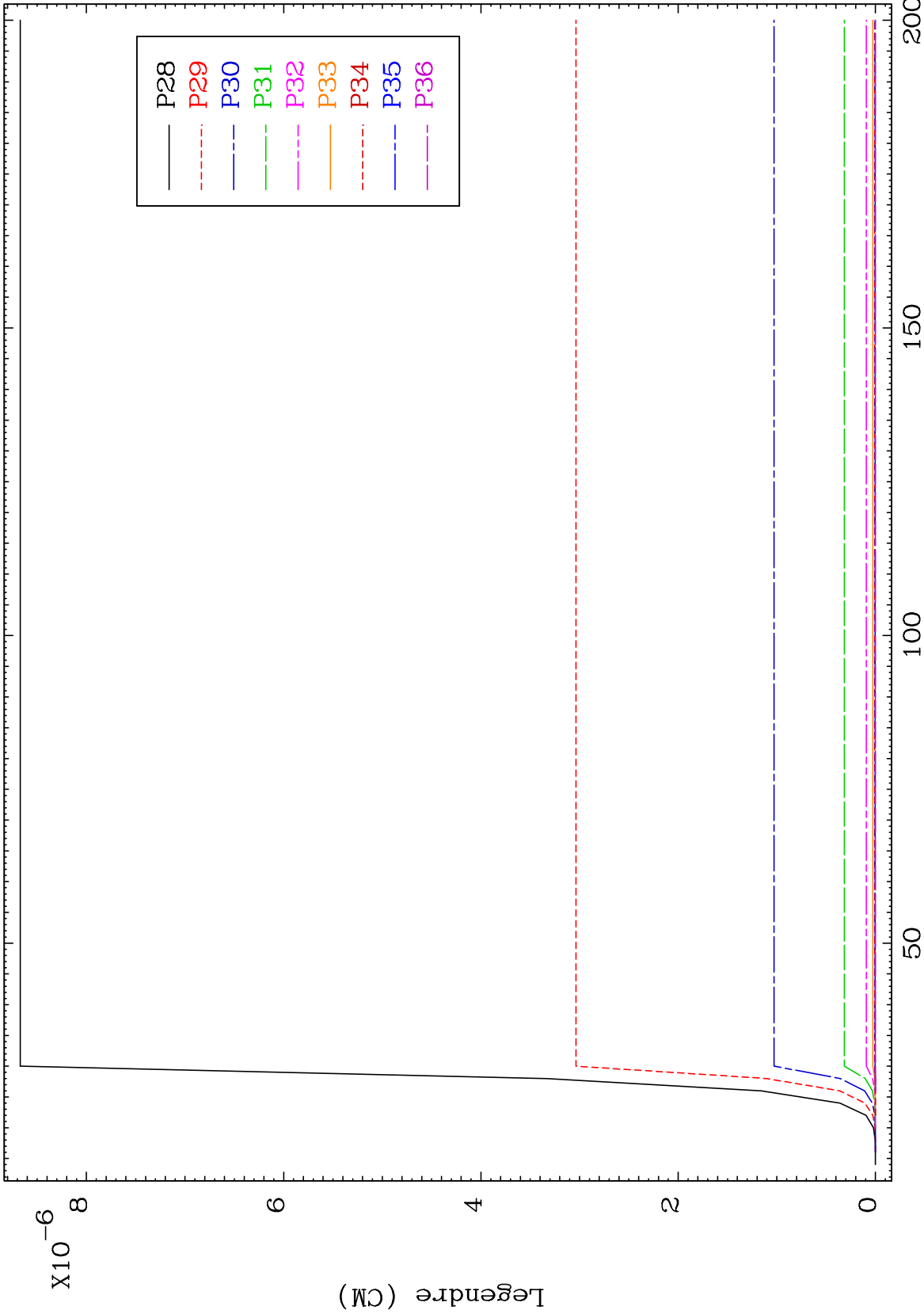
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



59

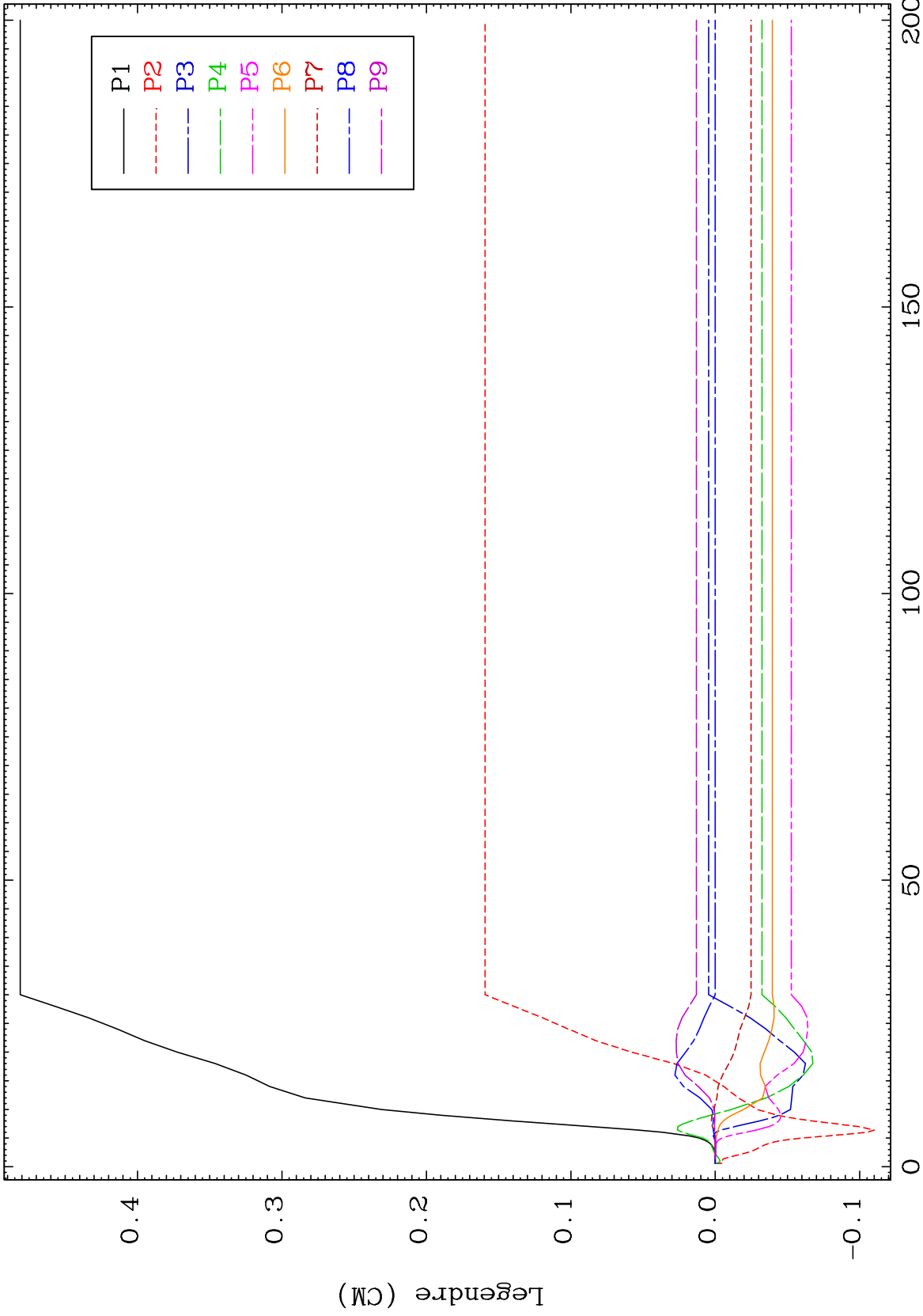
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



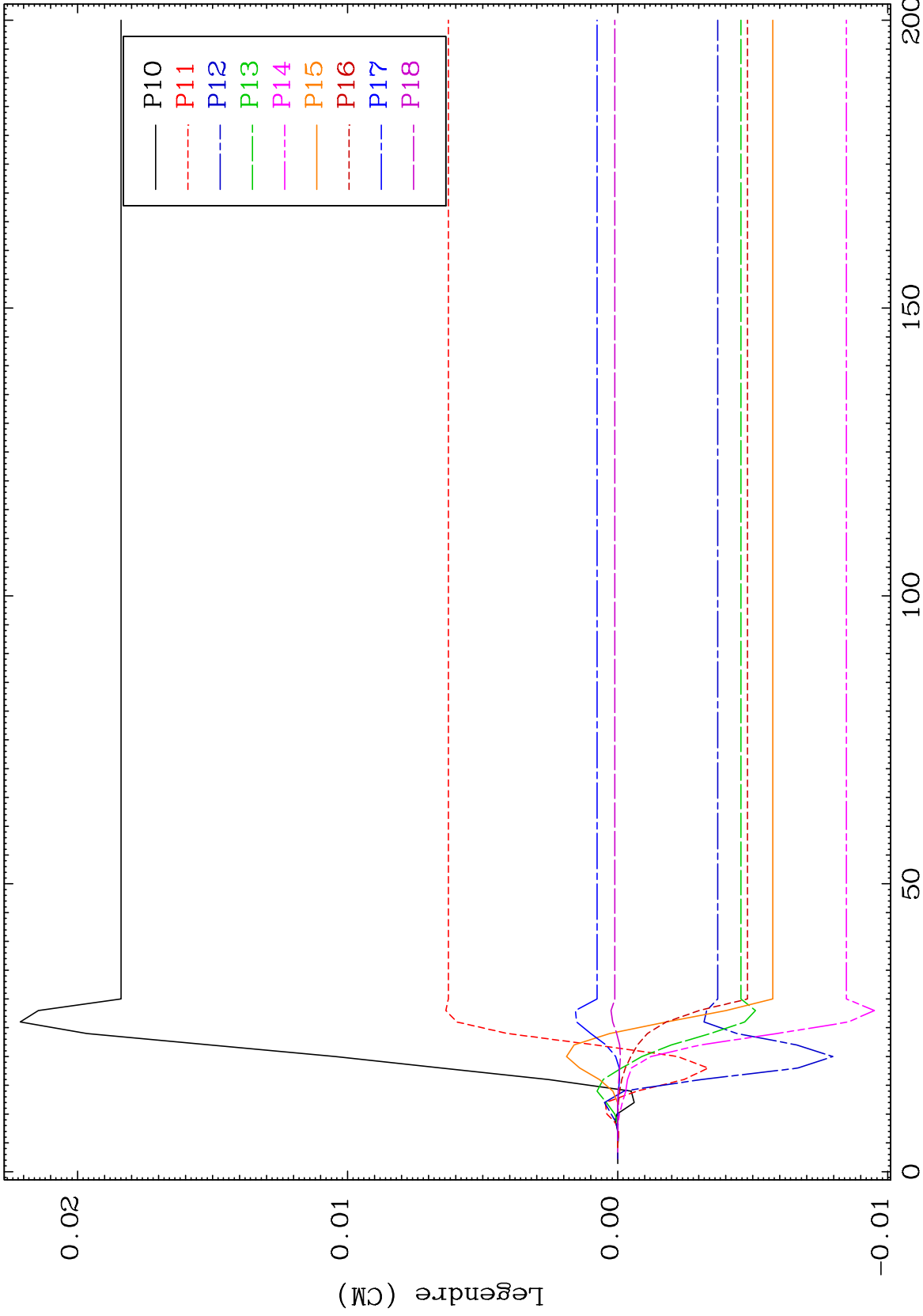
58-Ce-145

Incident Energy (MeV)

MAT 5852

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

58-Ce-145



61

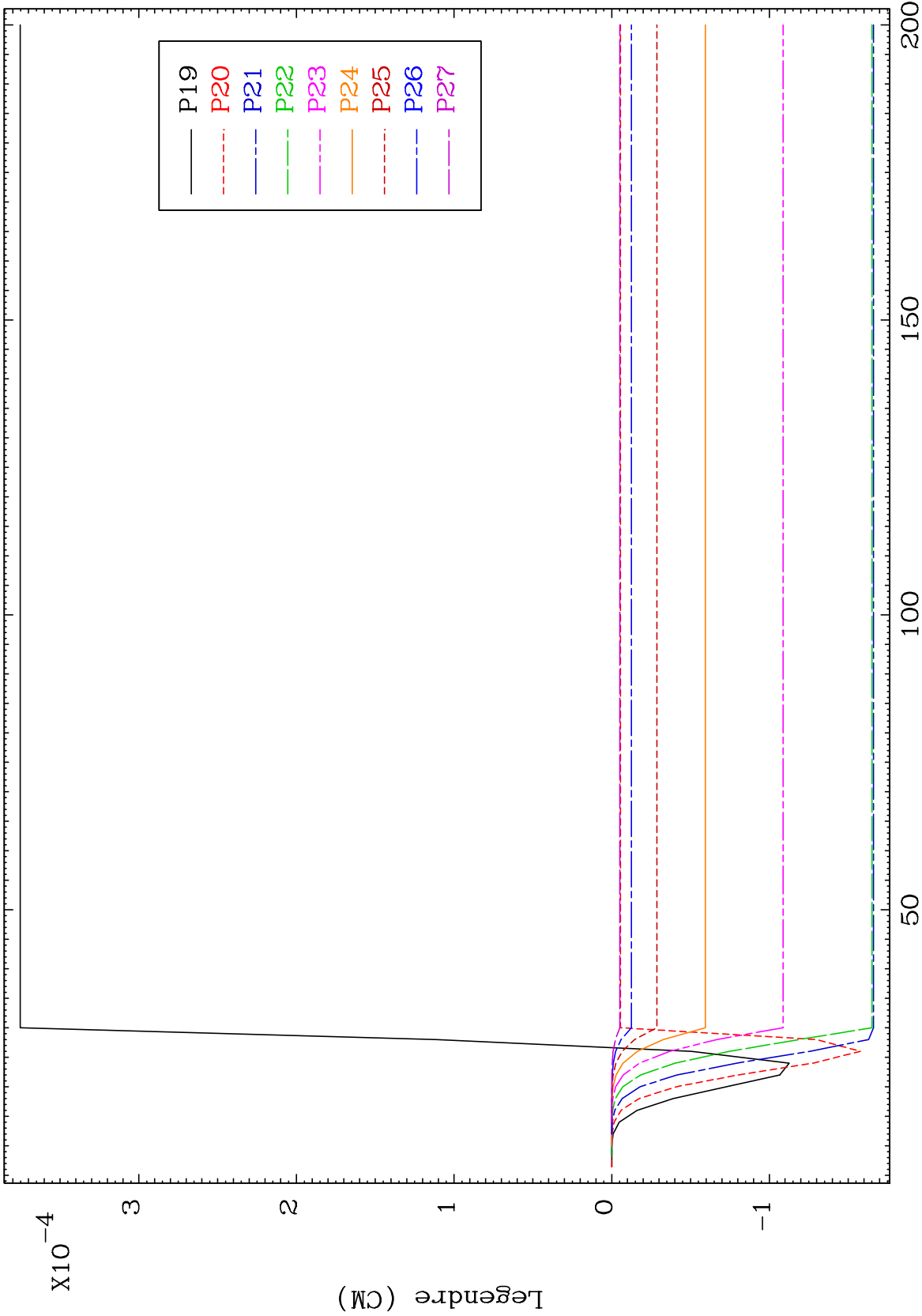
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



62

Incident Energy (MeV)

58-Ce-145

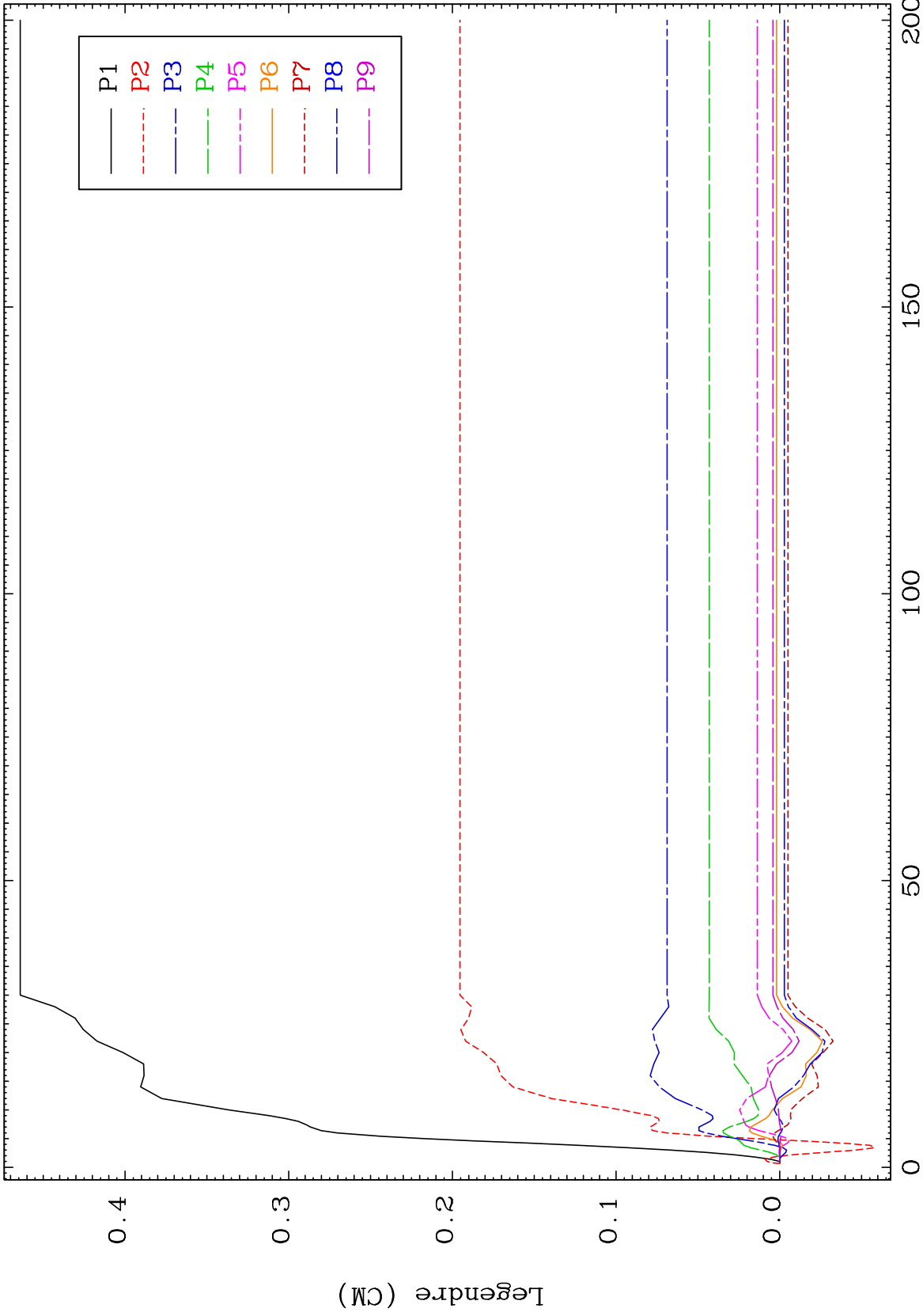




MAT 5852

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

58-Ce-145



64

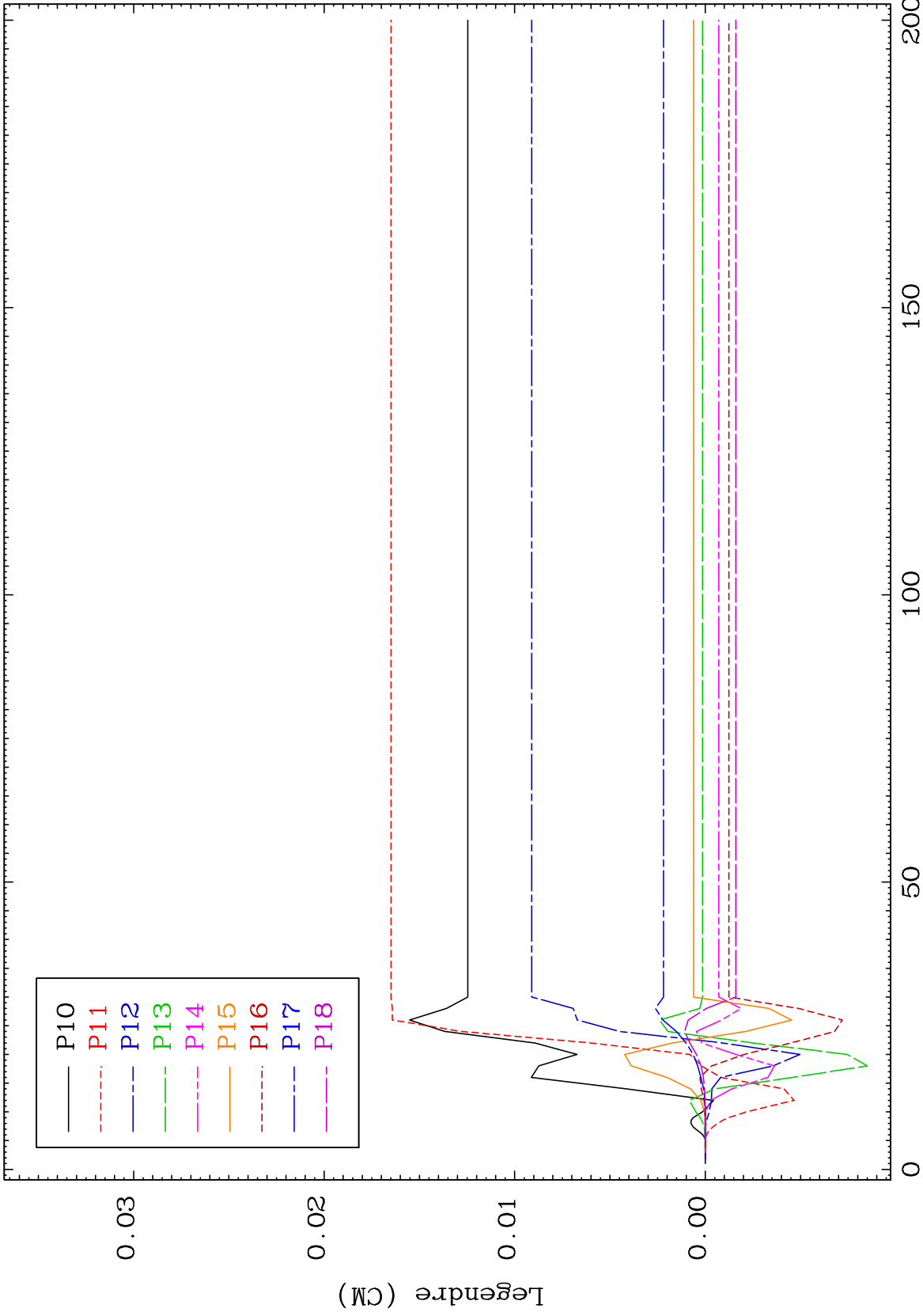
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



65

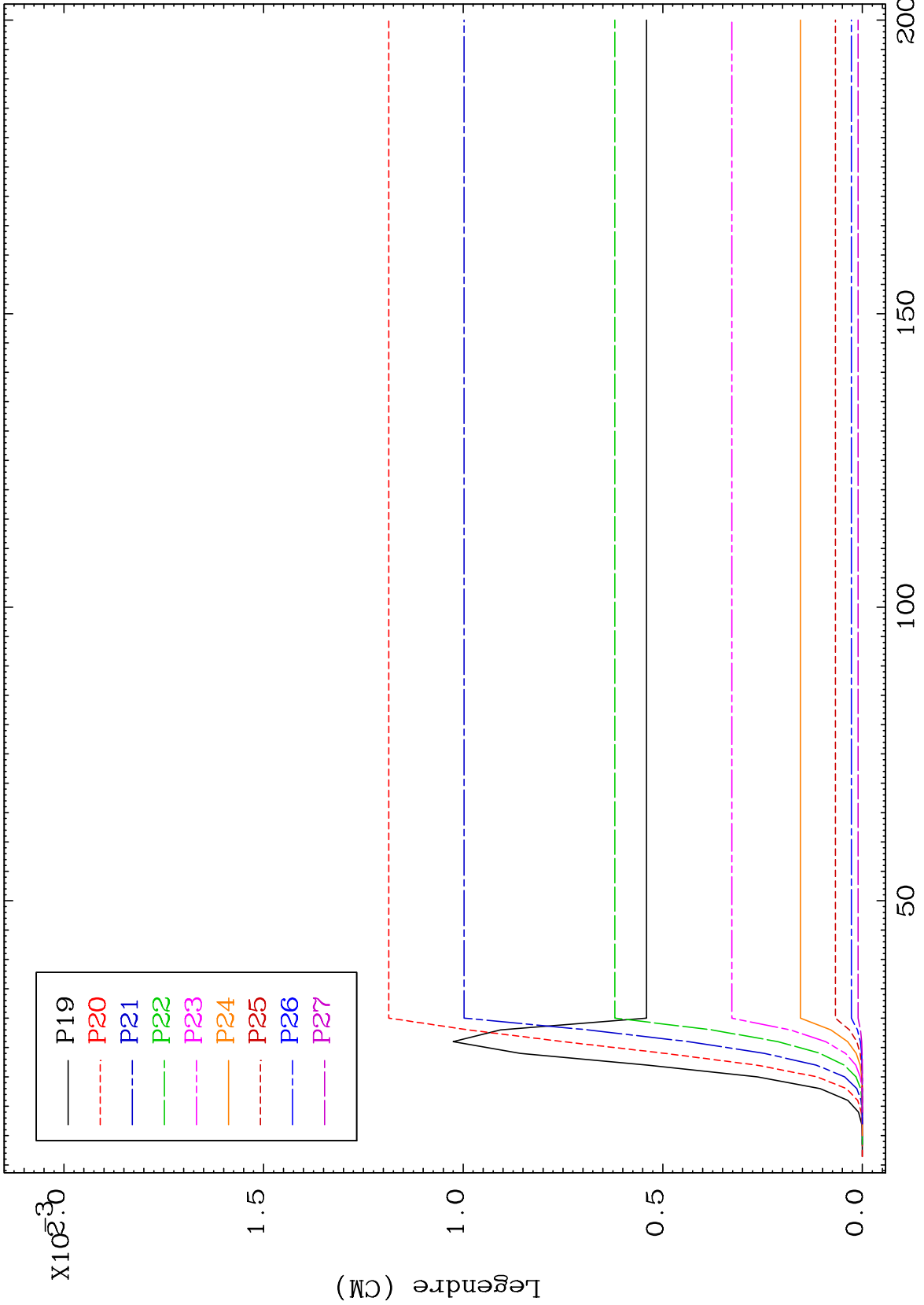
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145

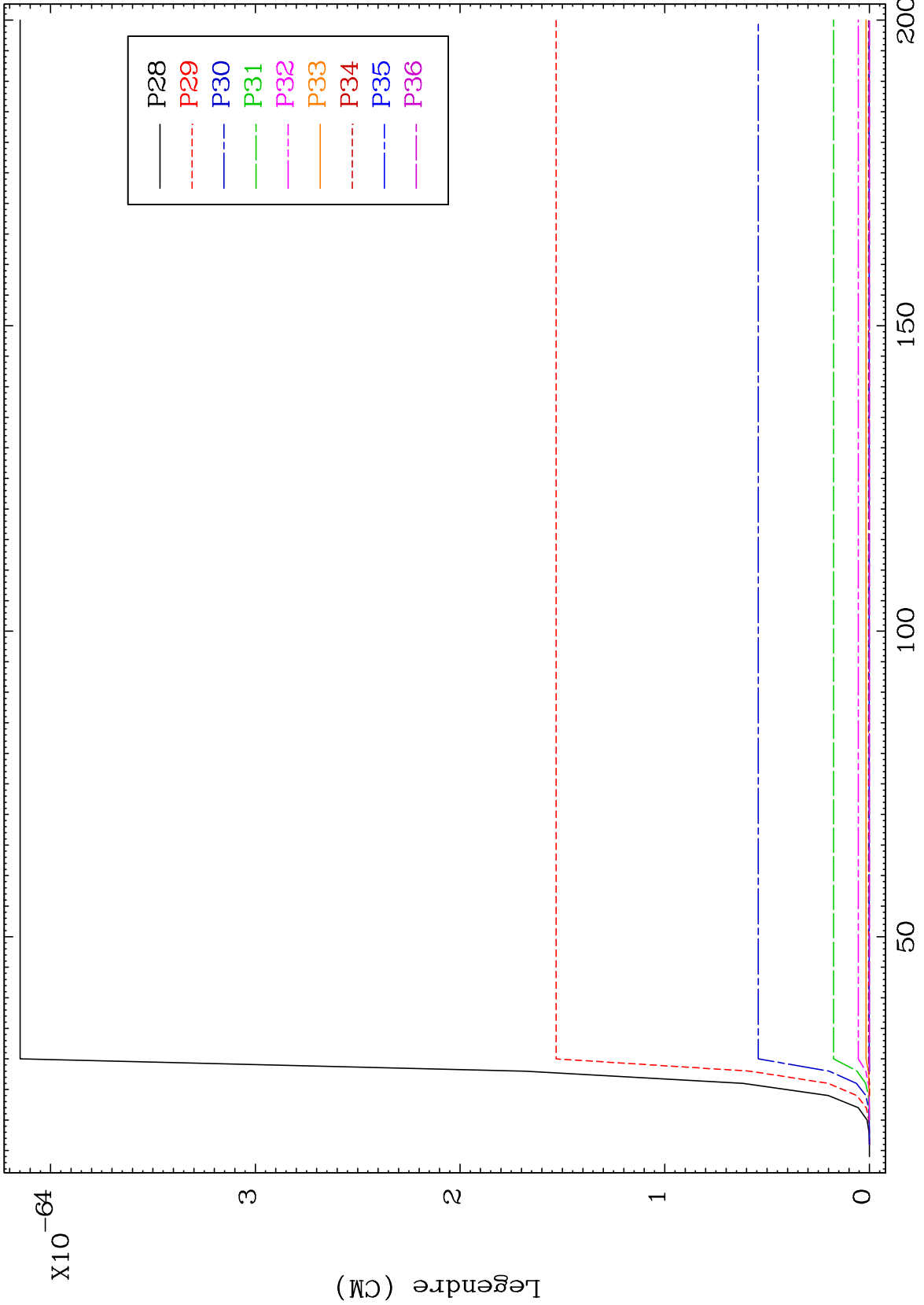


66

MAT 5852

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

58-Ce-145

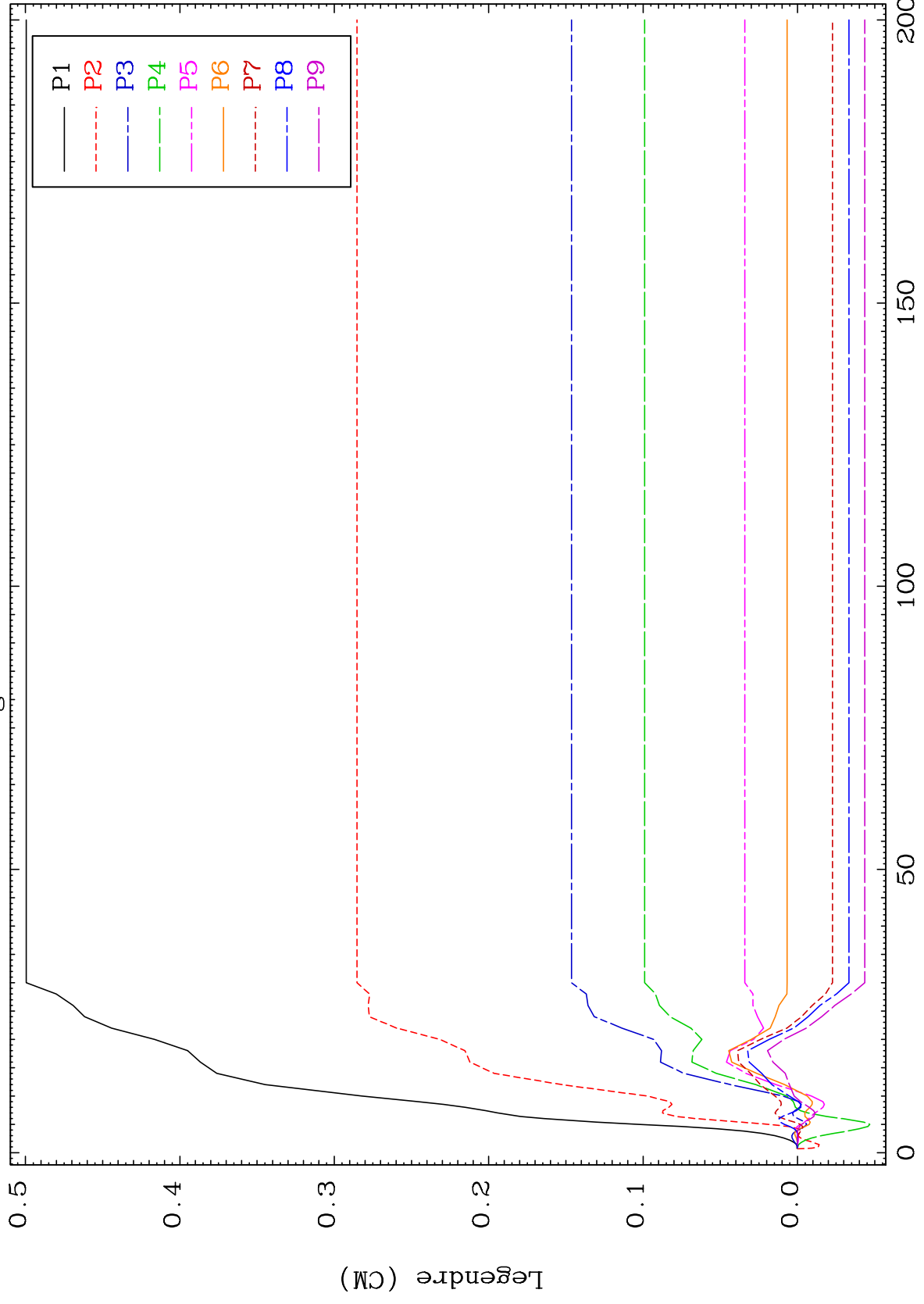


67

Incident Energy (MeV)

58-Ce-145

MAT 5852 MT= 63 (n,n') Level Legendre Coefficients 58-Ce-145

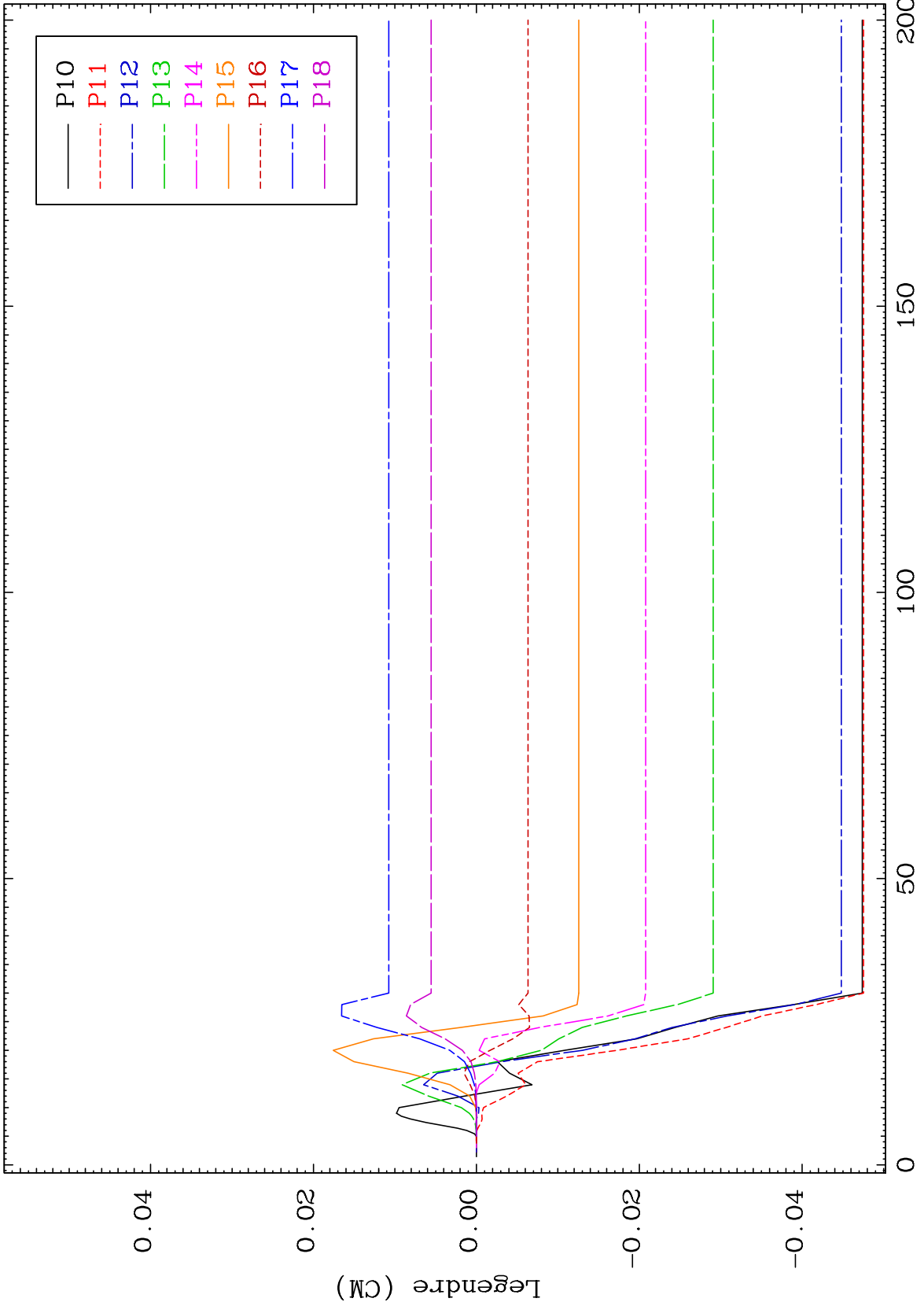


68 58-Ce-145

MAT 5852

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

58-Ce-145



69

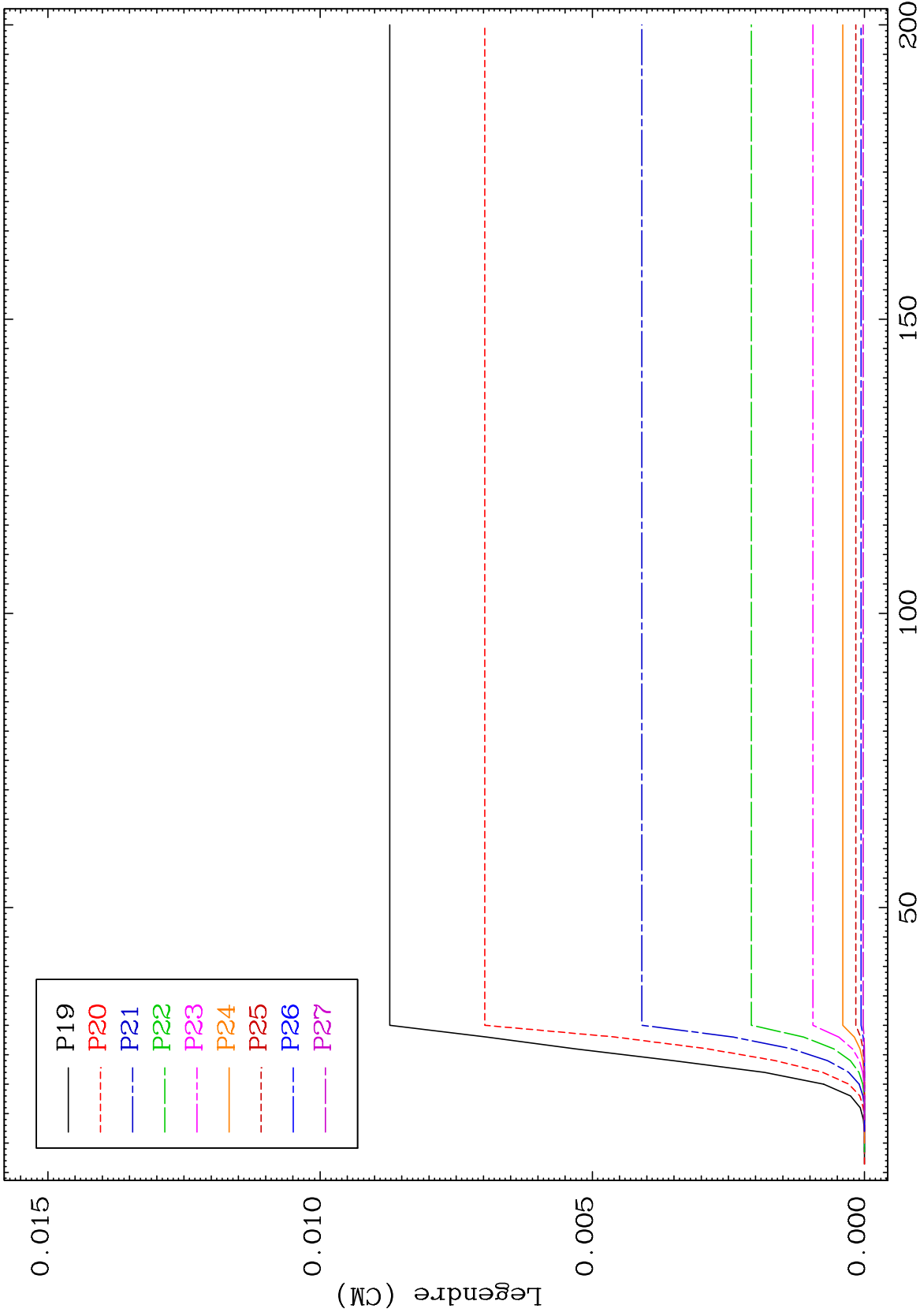
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



70

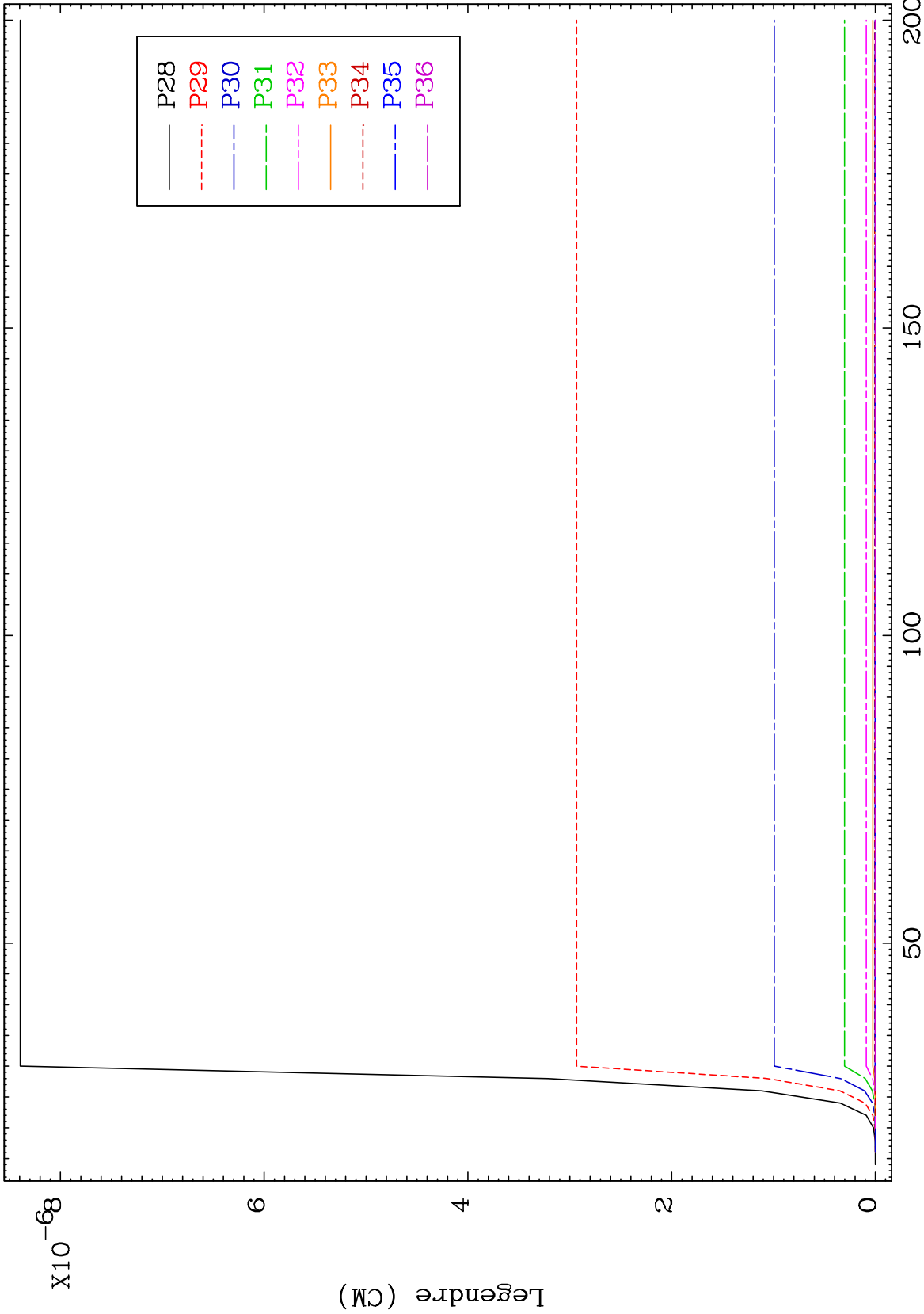
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



71

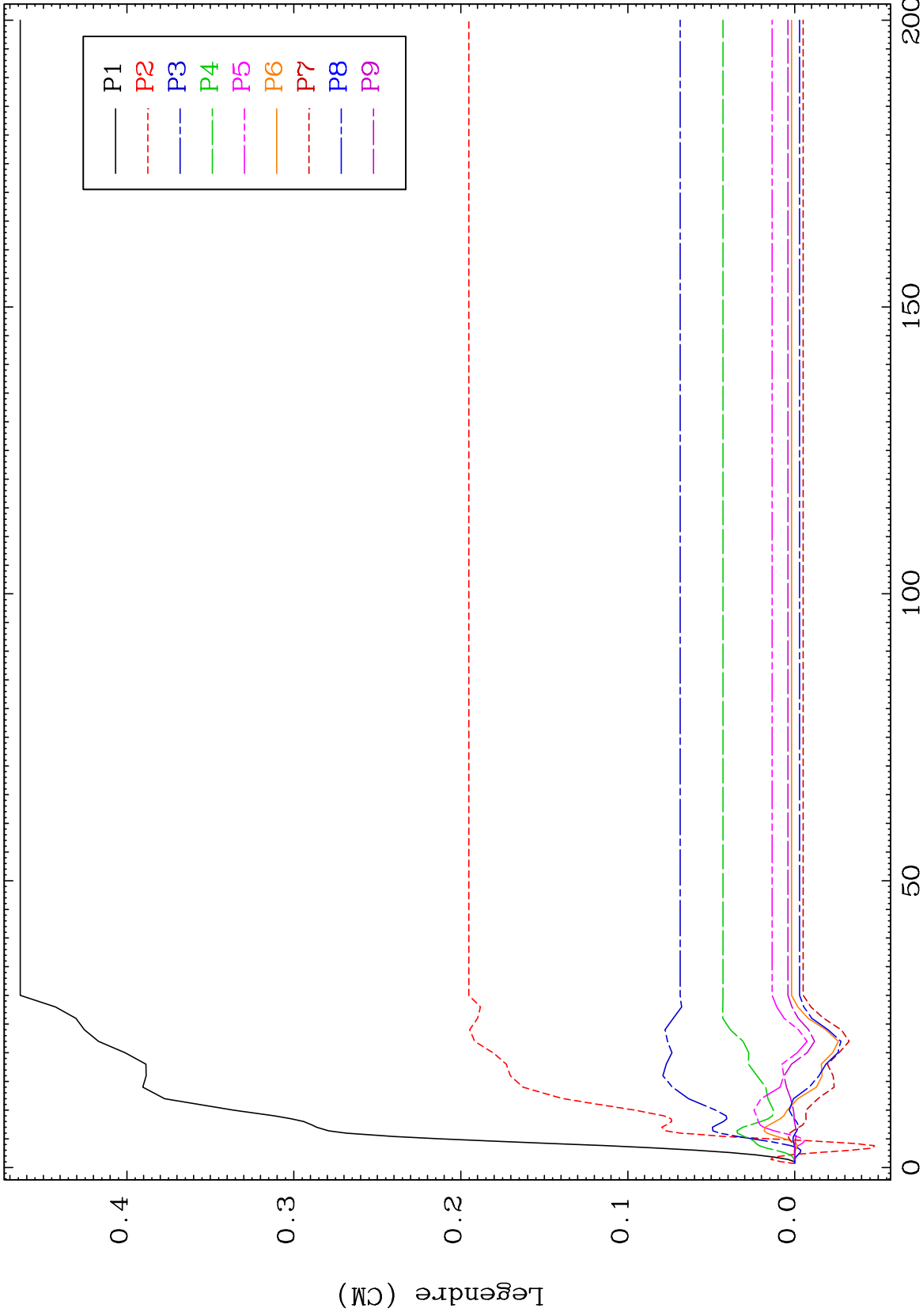
58-Ce-145



MAT 5852

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

58-Ce-145



72

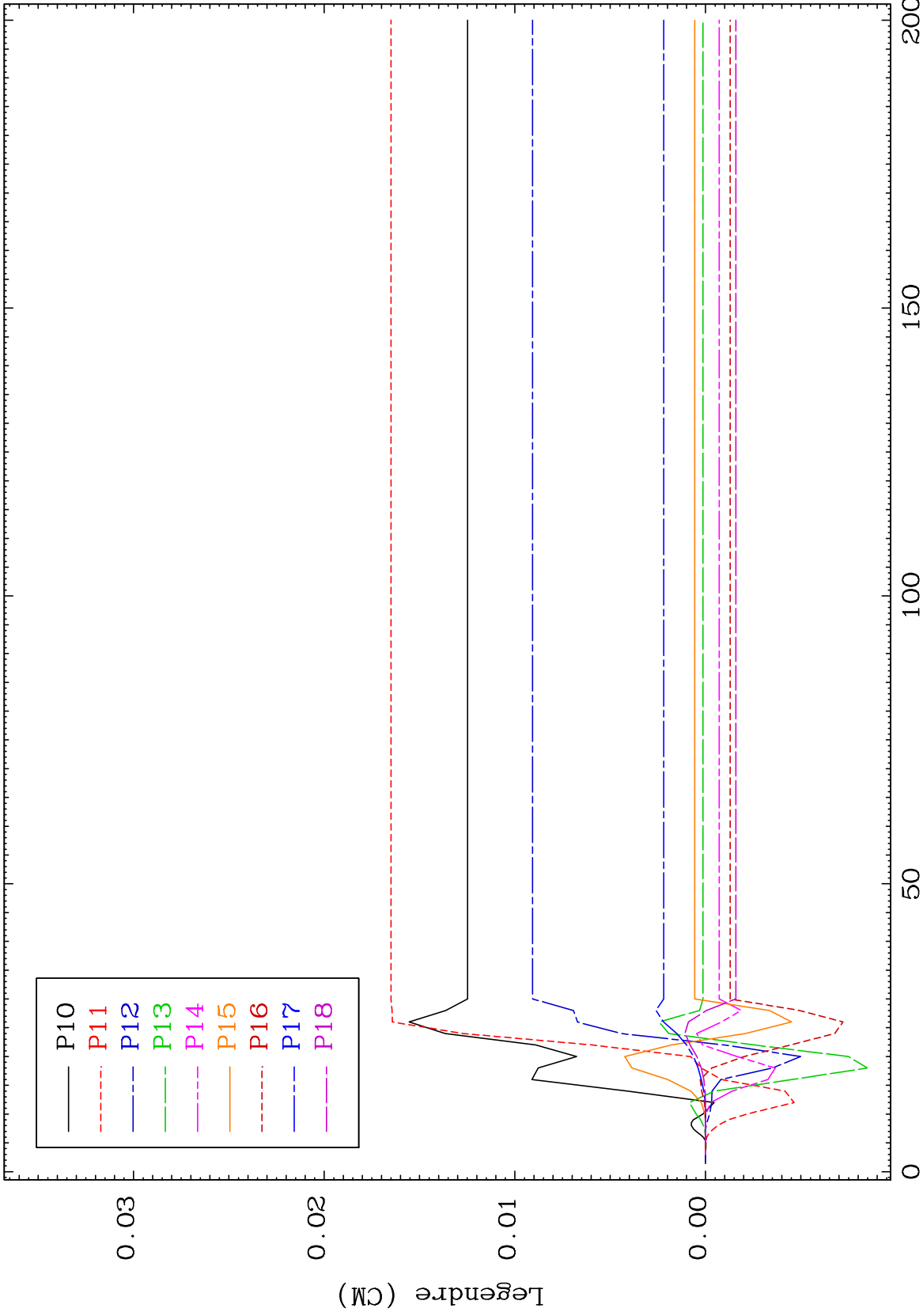
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



73

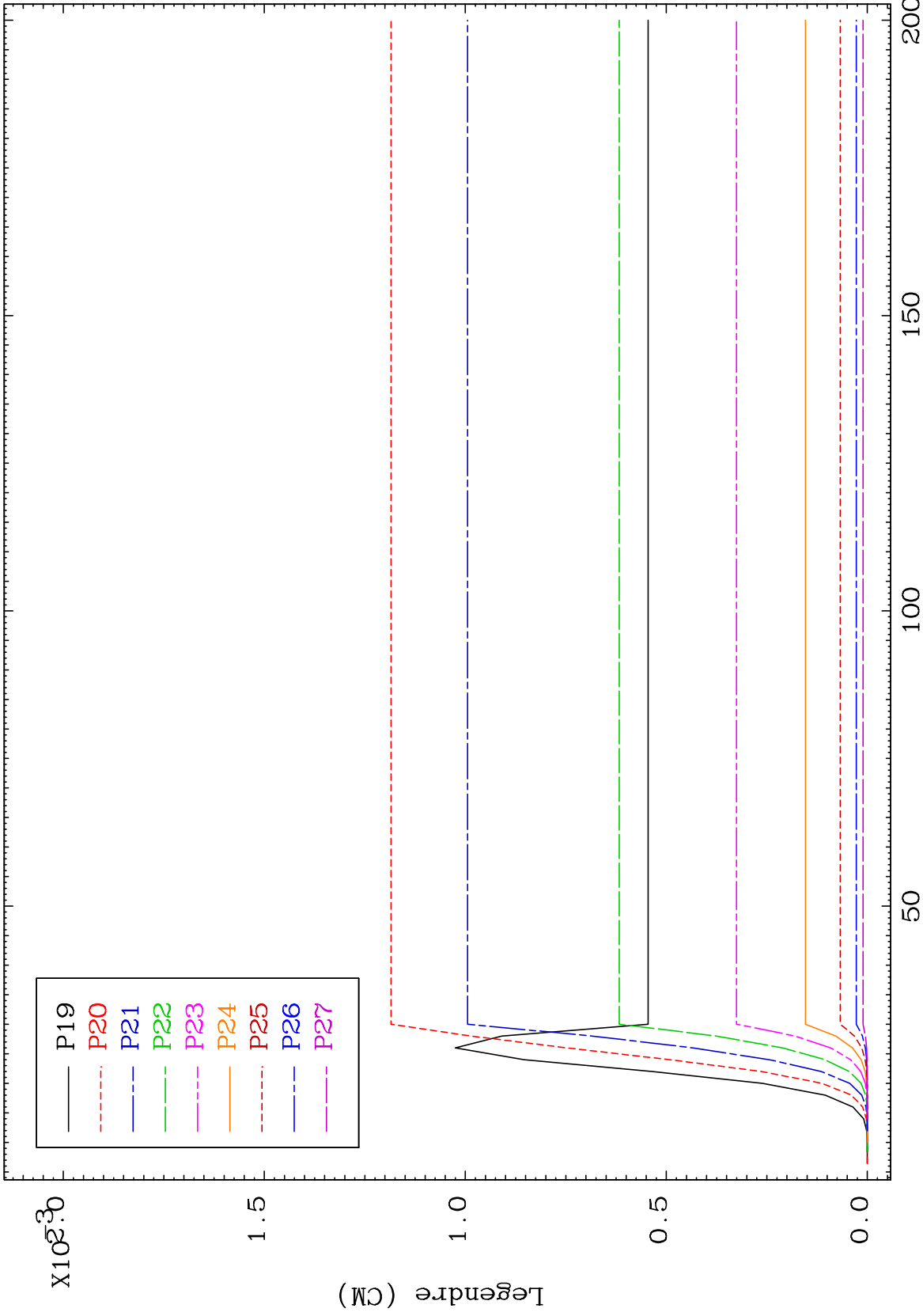
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



74

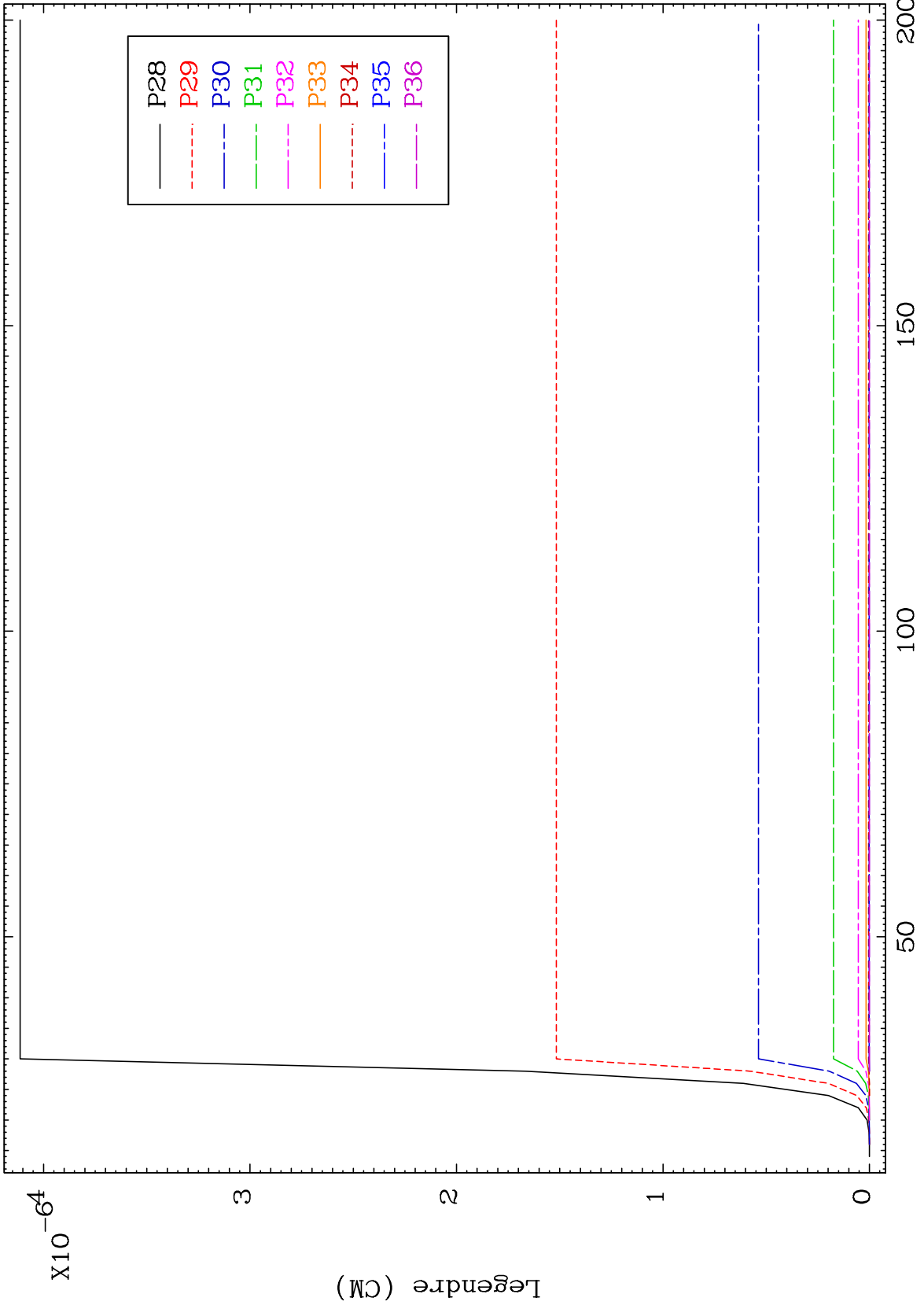
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



75

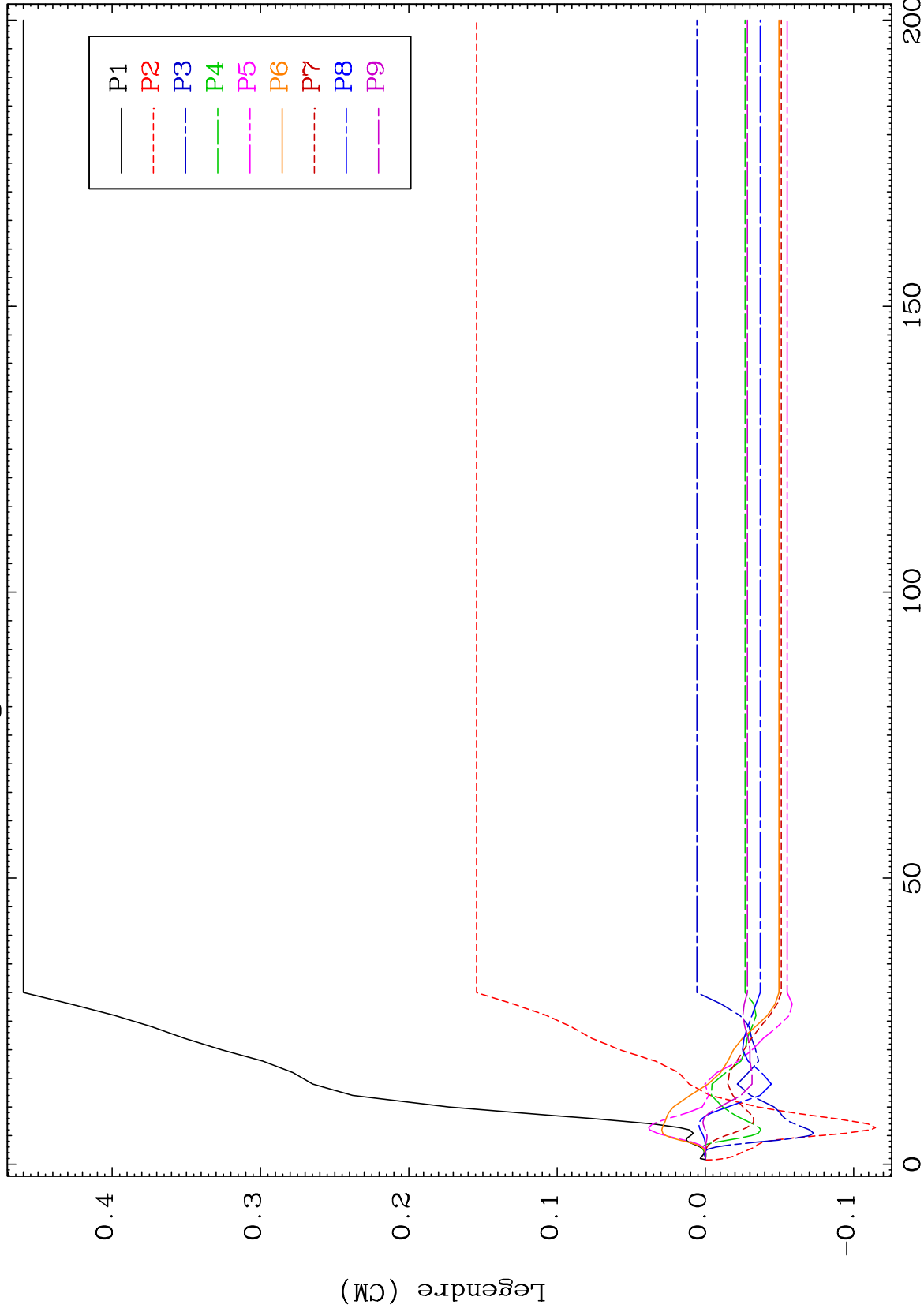
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



76

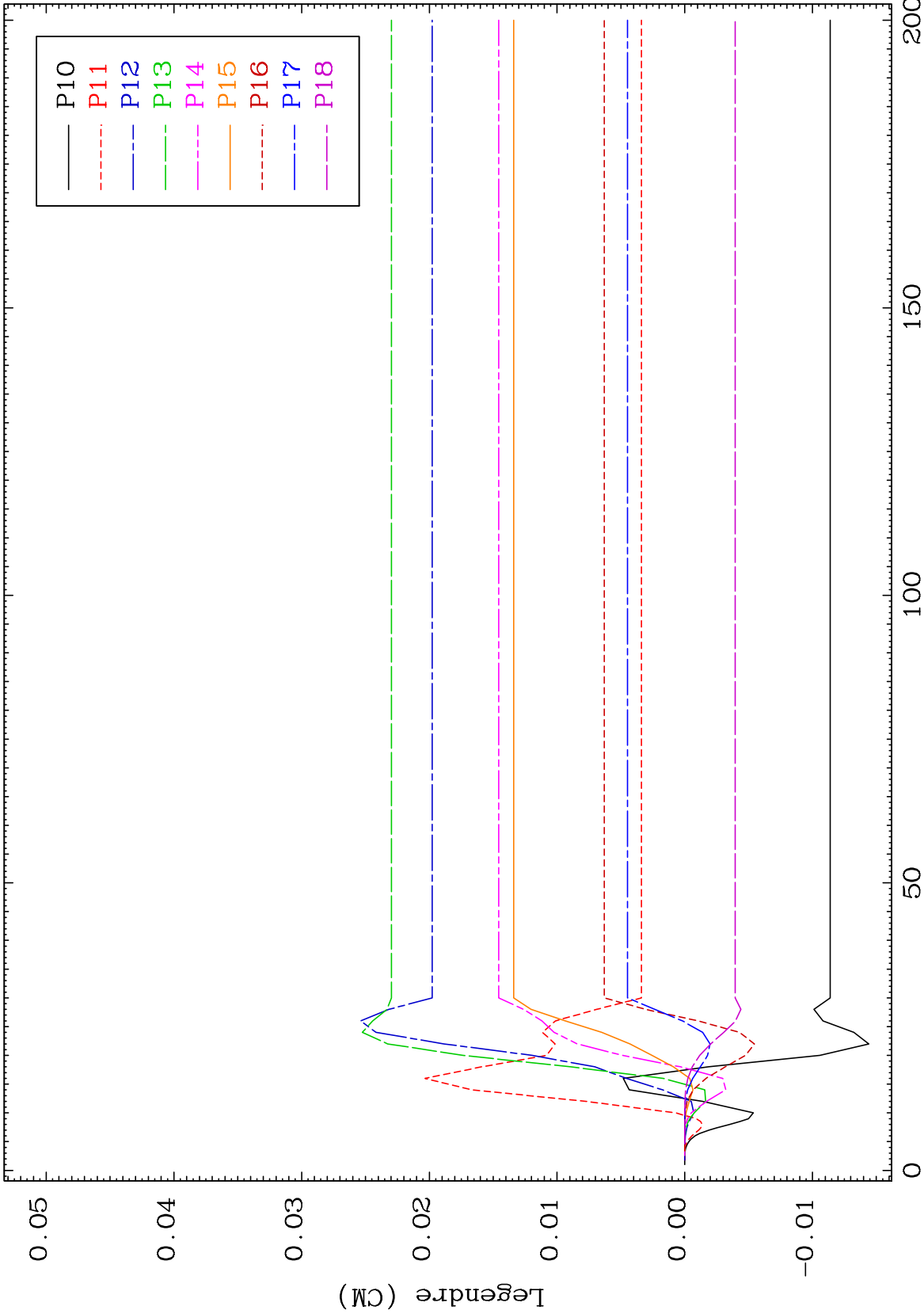
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



77

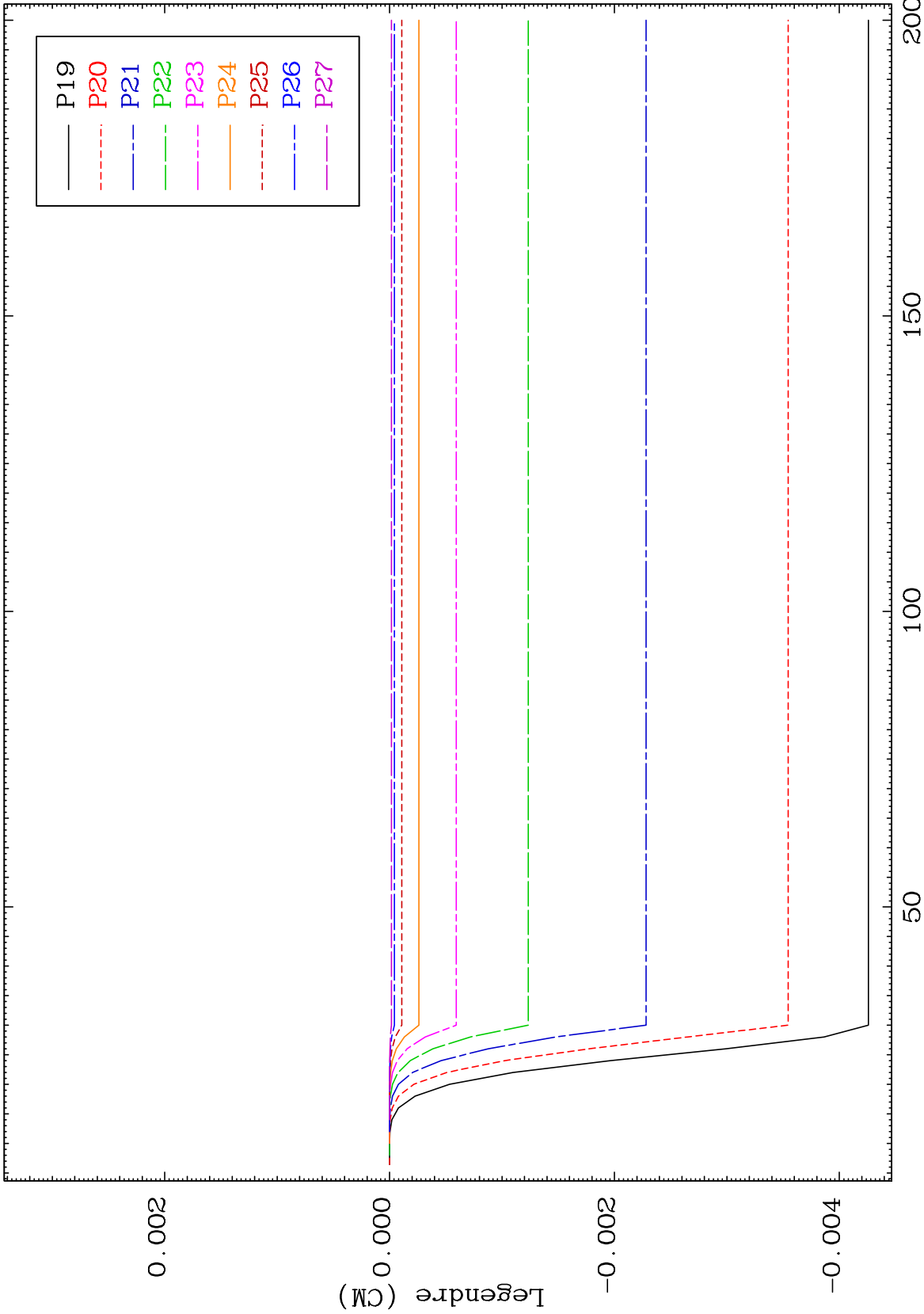
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



78

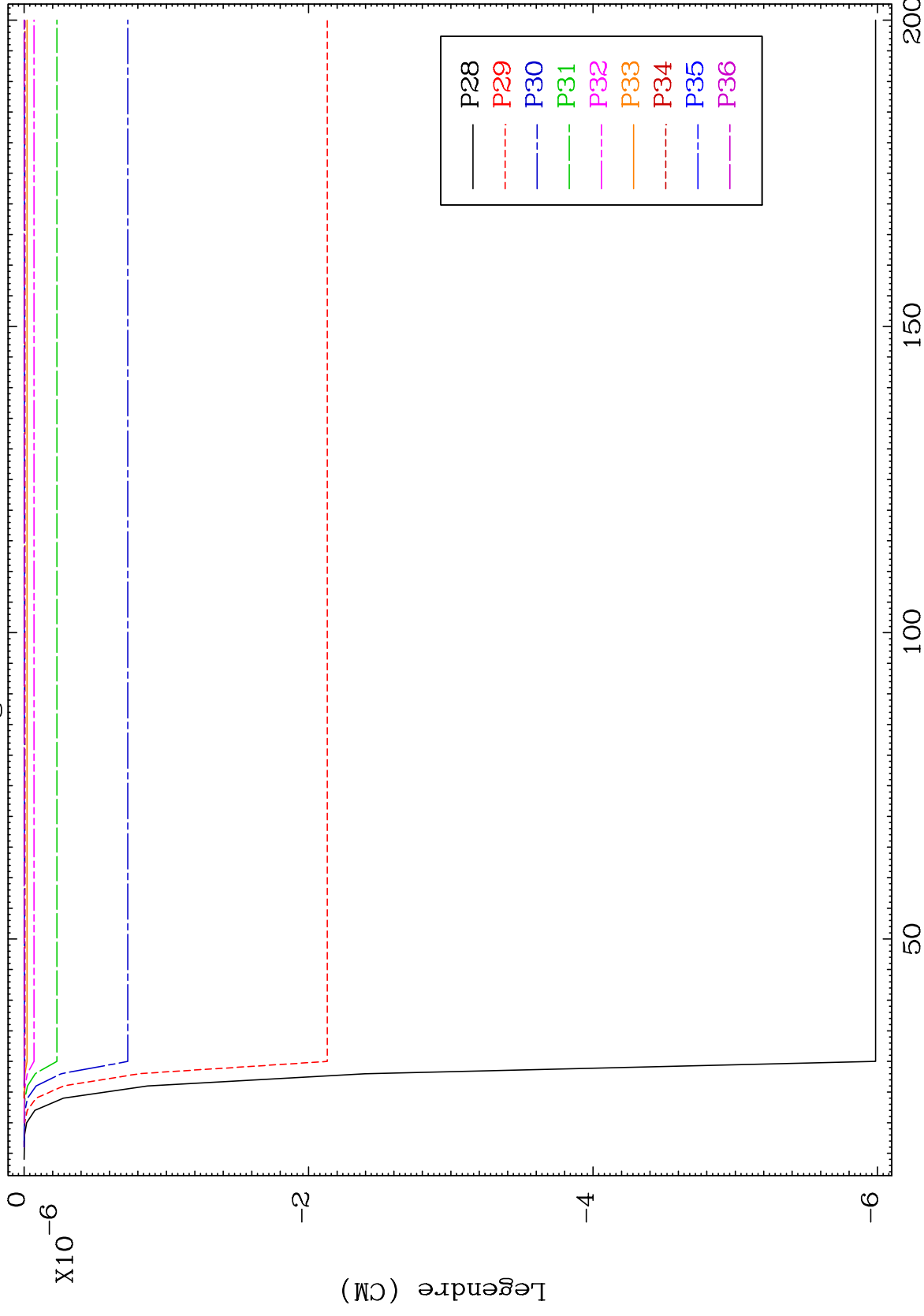
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



58-Ce-145

Incident Energy (MeV)

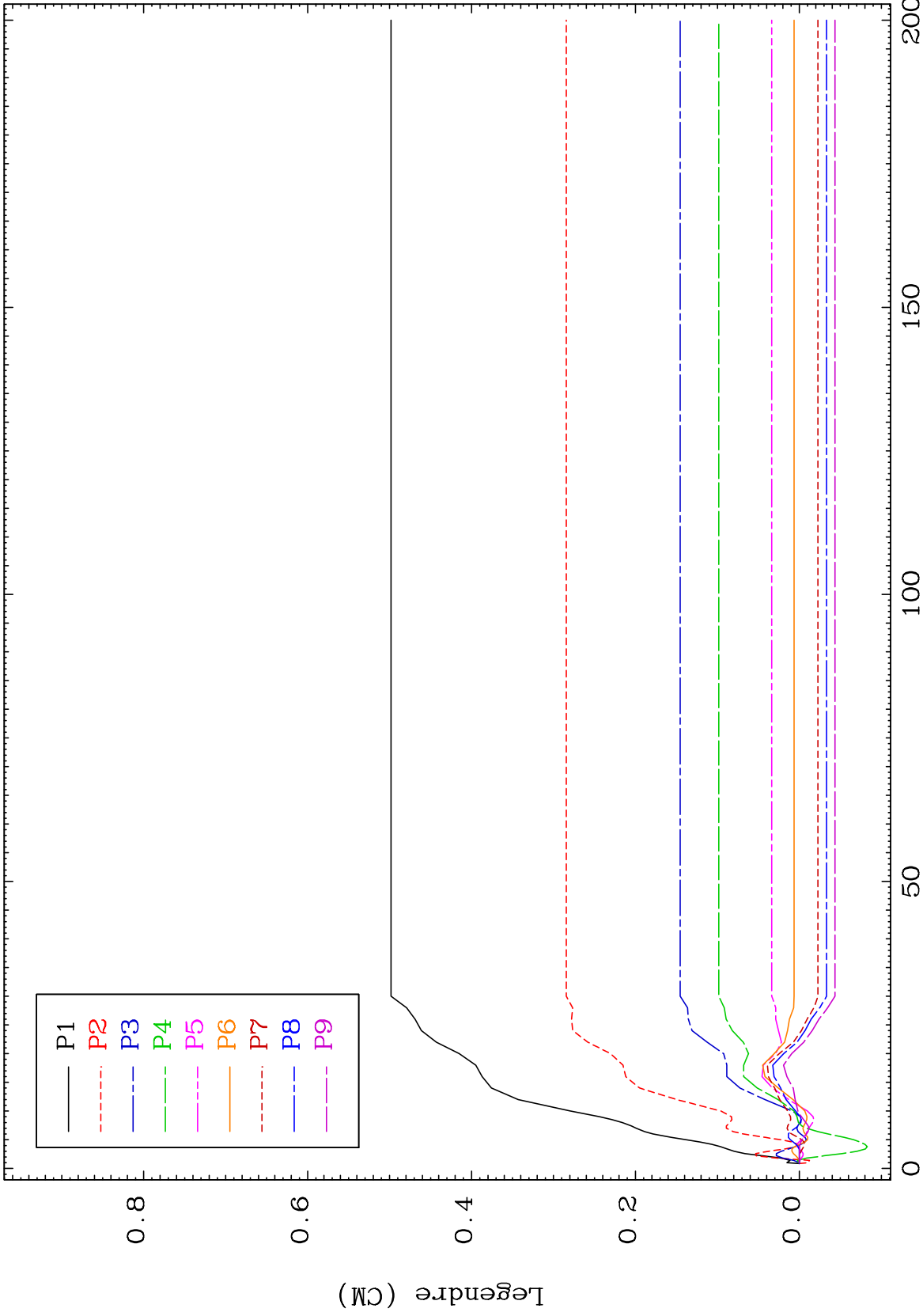
79



MAT 5852

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

58-Ce-145



58-Ce-145

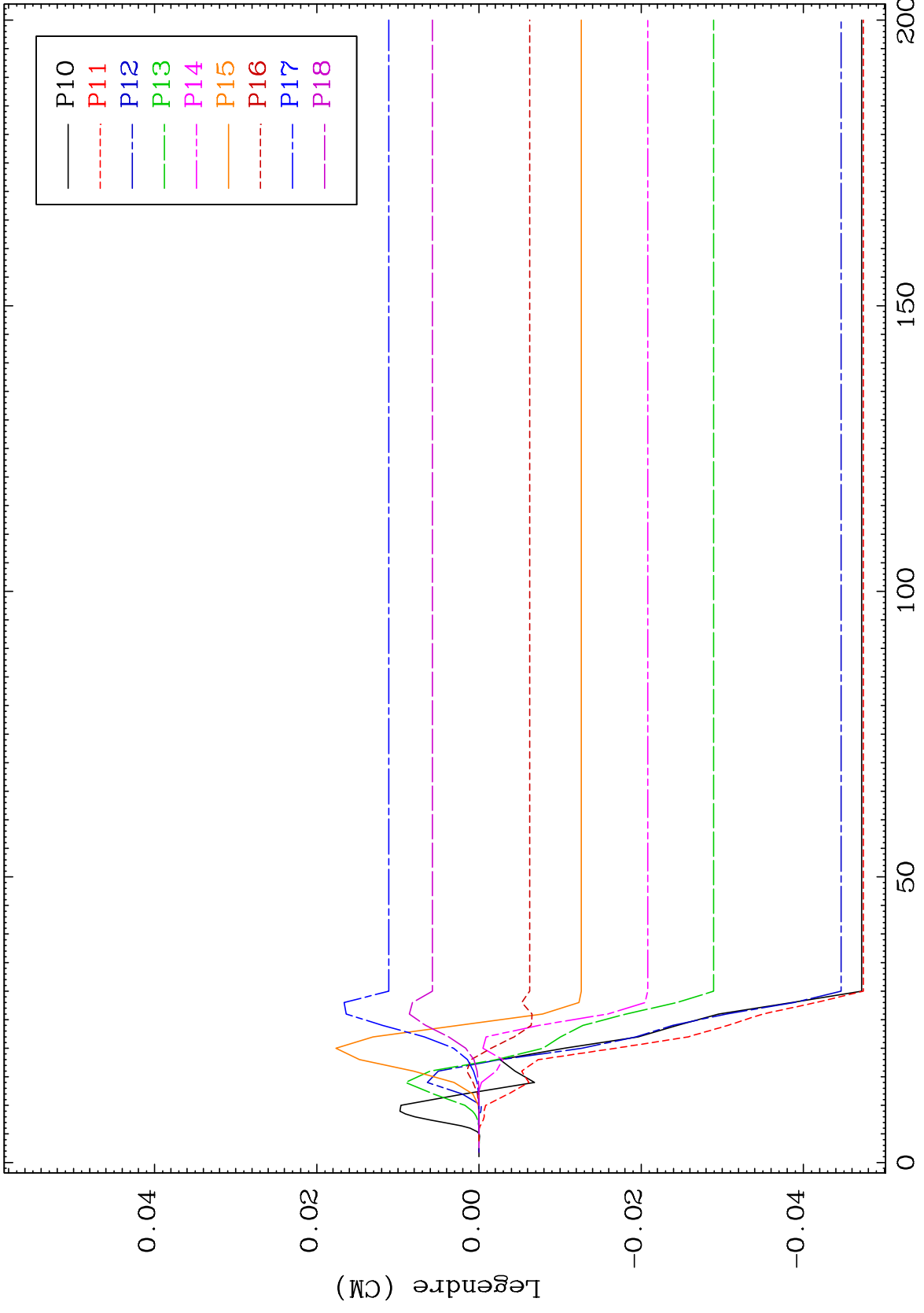
Incident Energy (MeV)

80

MAT 5852

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

58-Ce-145



81

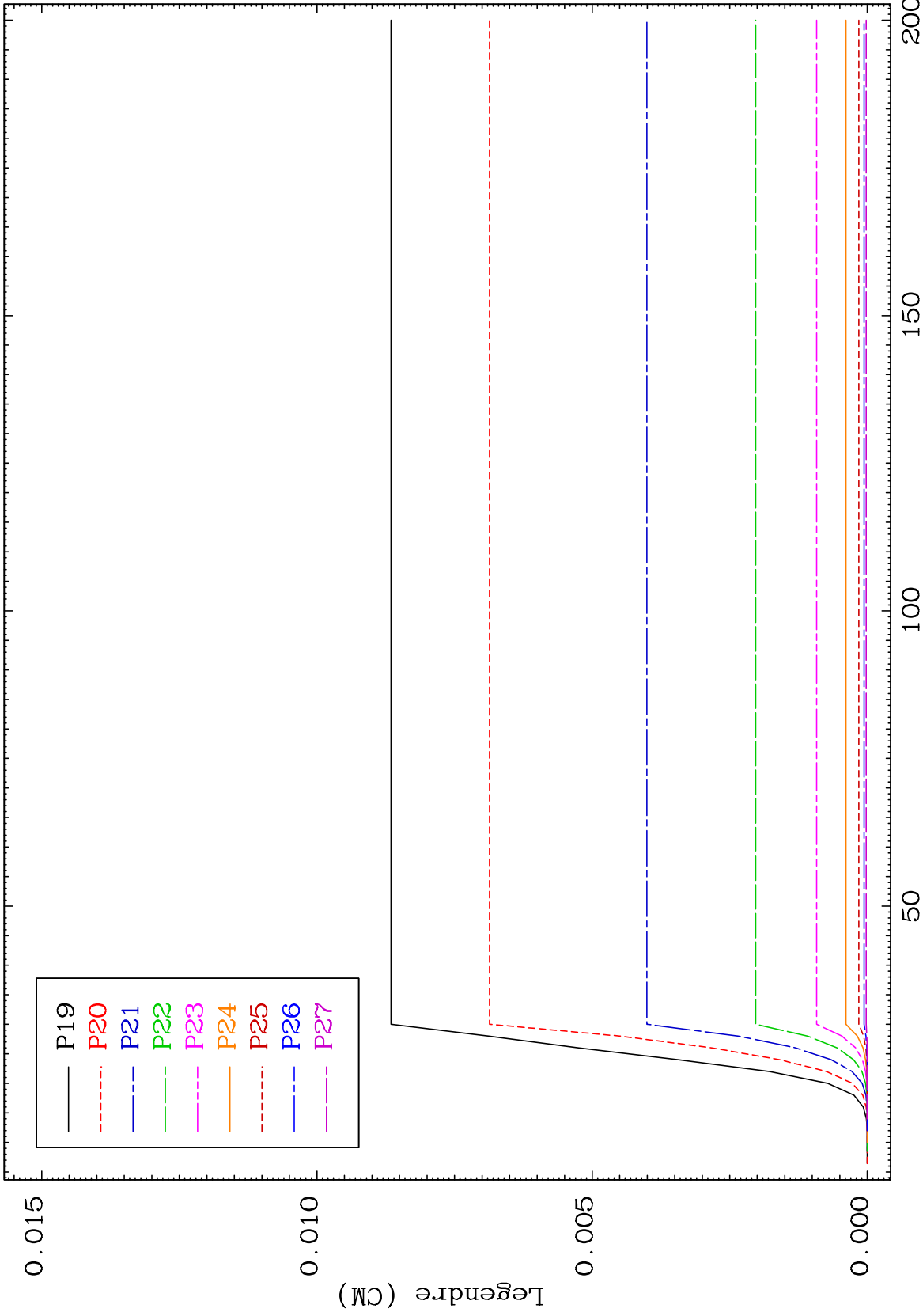
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



82

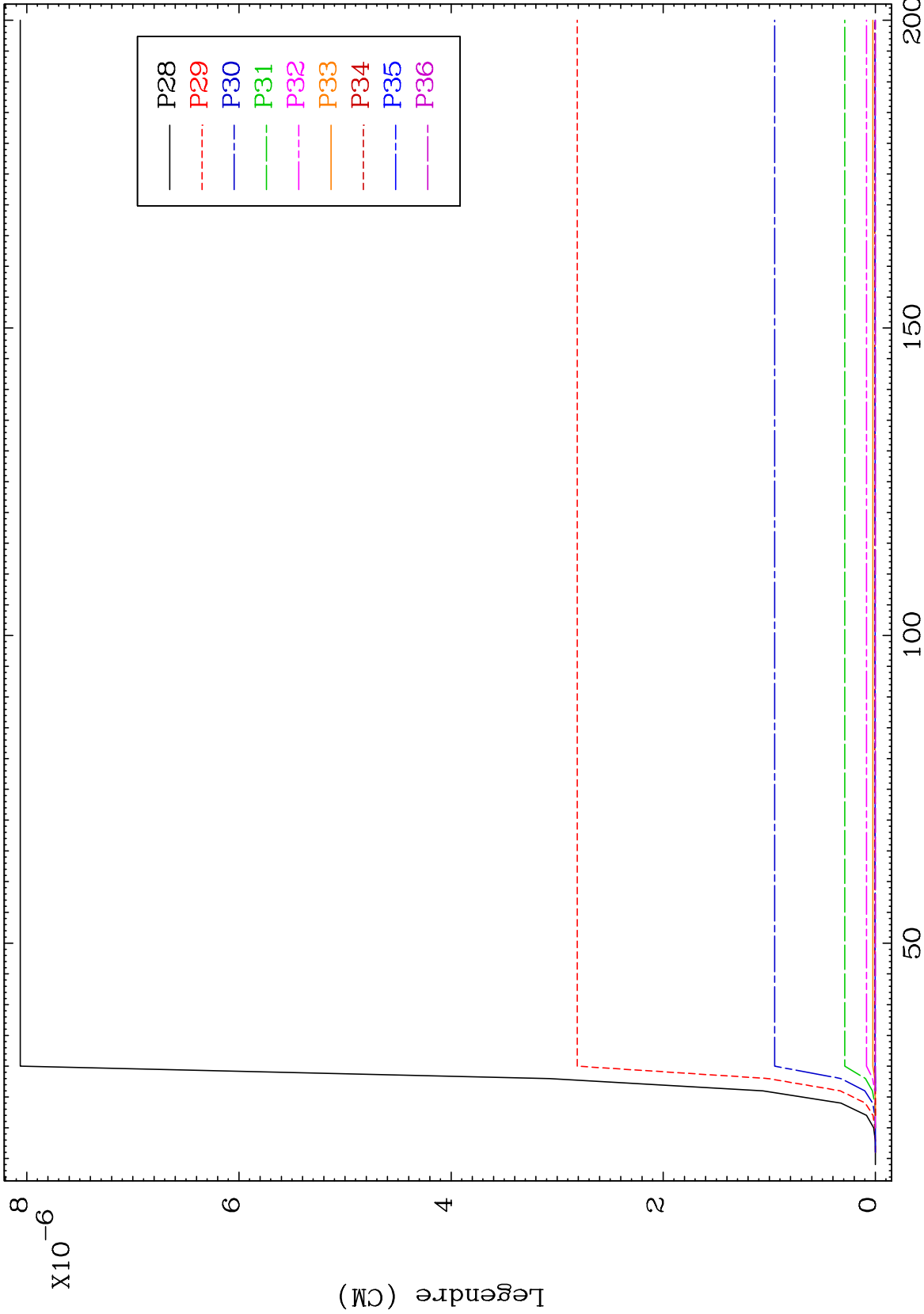
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

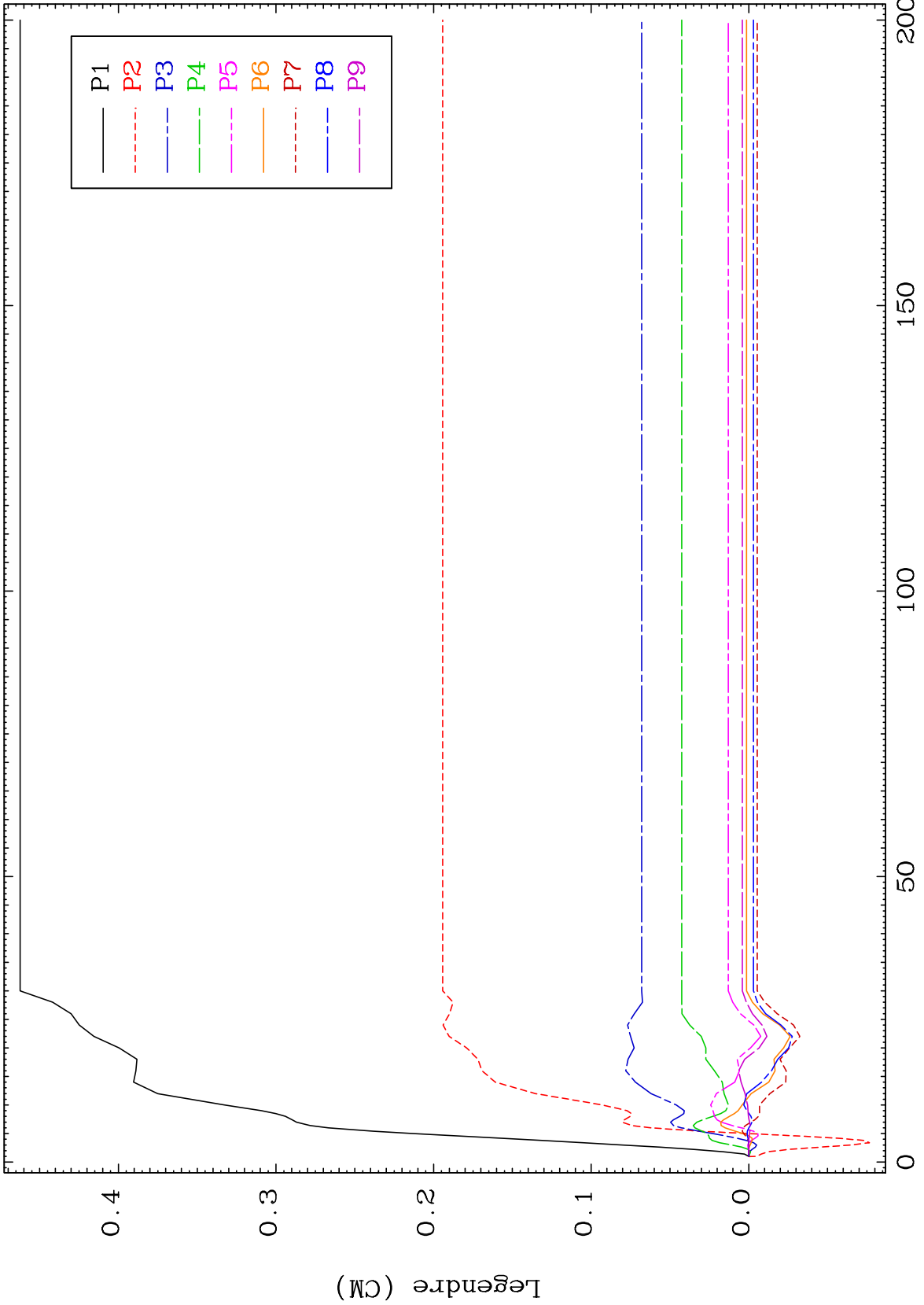
58-Ce-145



MAT 5852

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

58-Ce-145



84

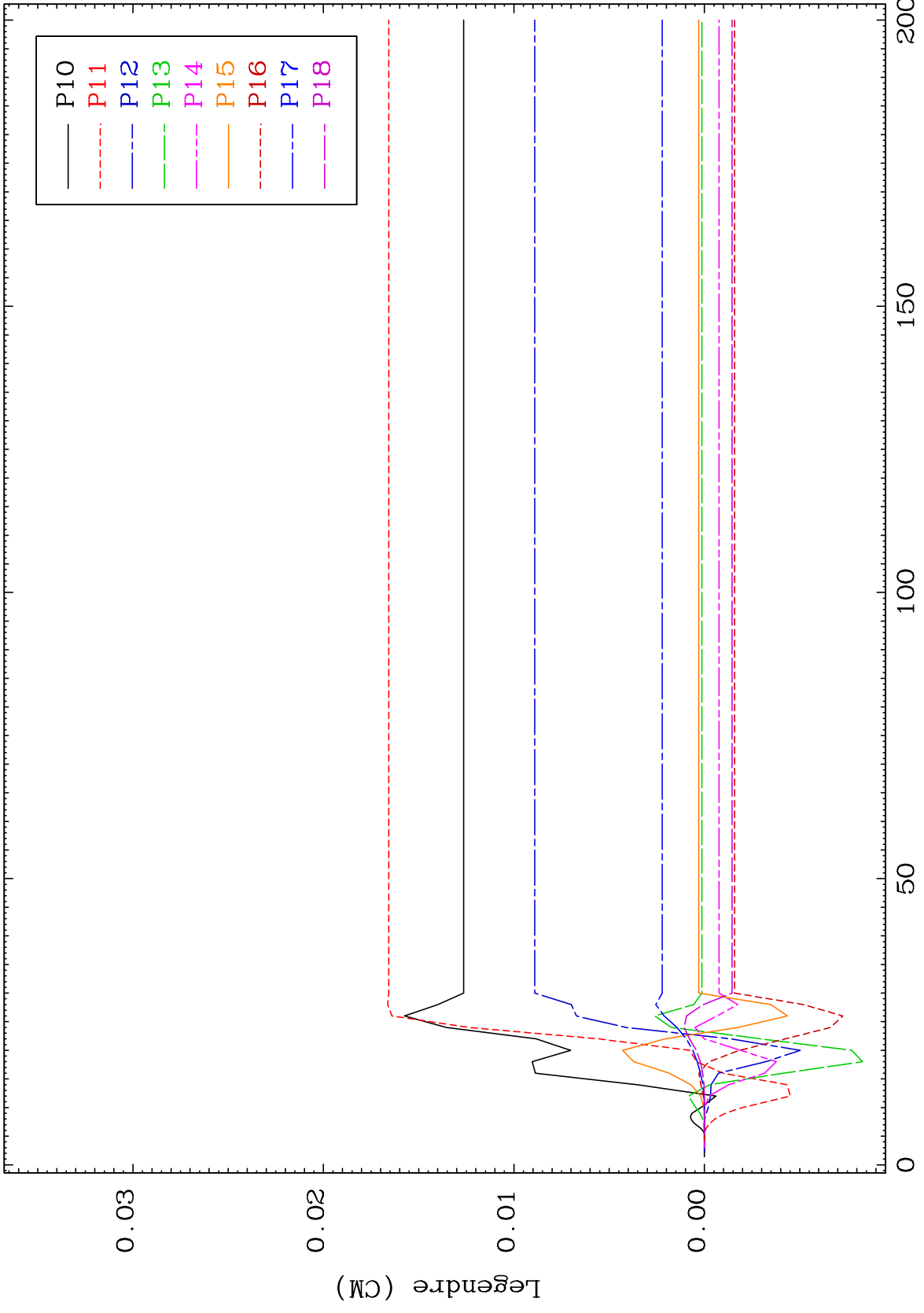
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

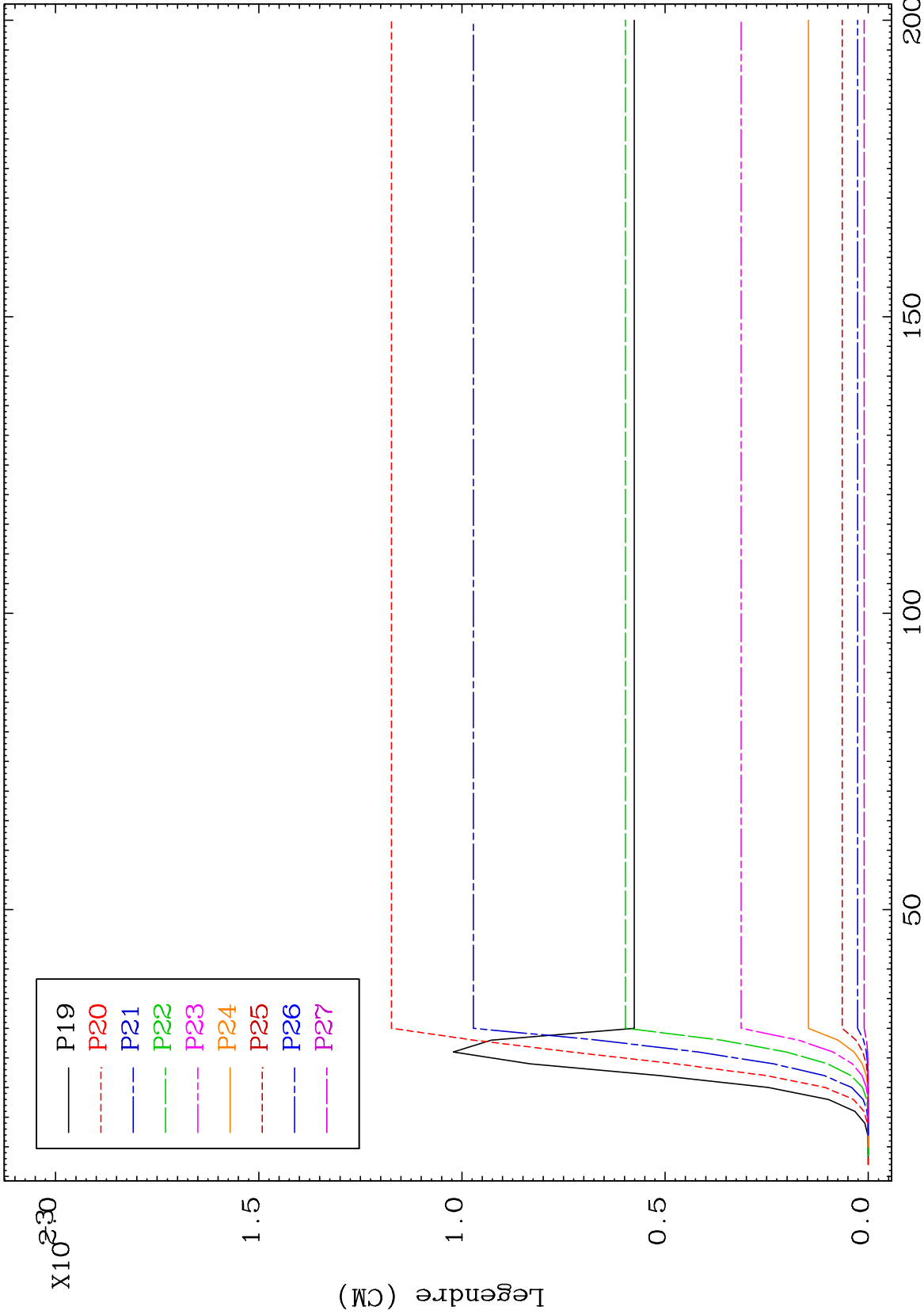
58-Ce-145



85

Incident Energy (MeV)

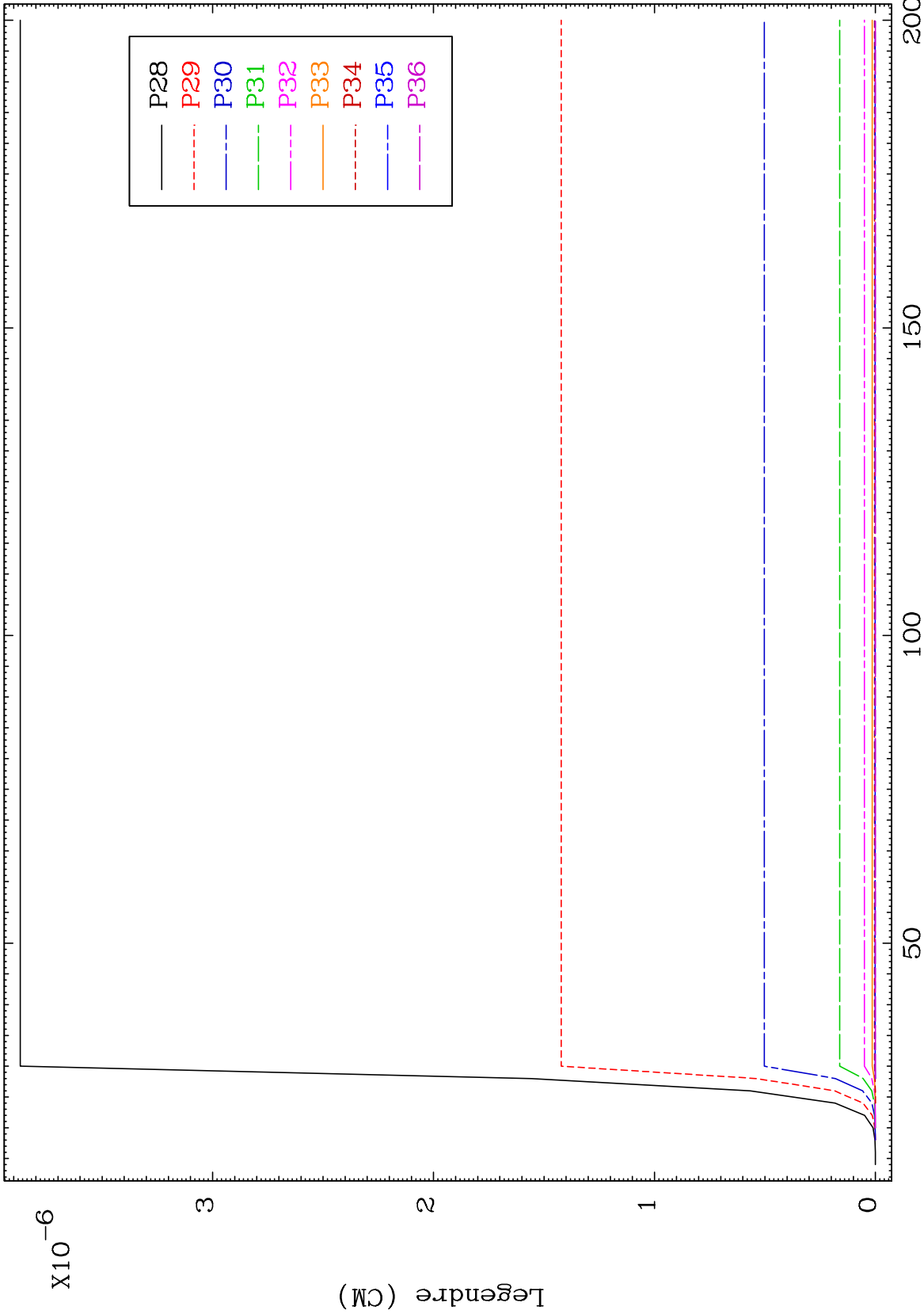
58-Ce-145



MAT 5852

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

58-Ce-145

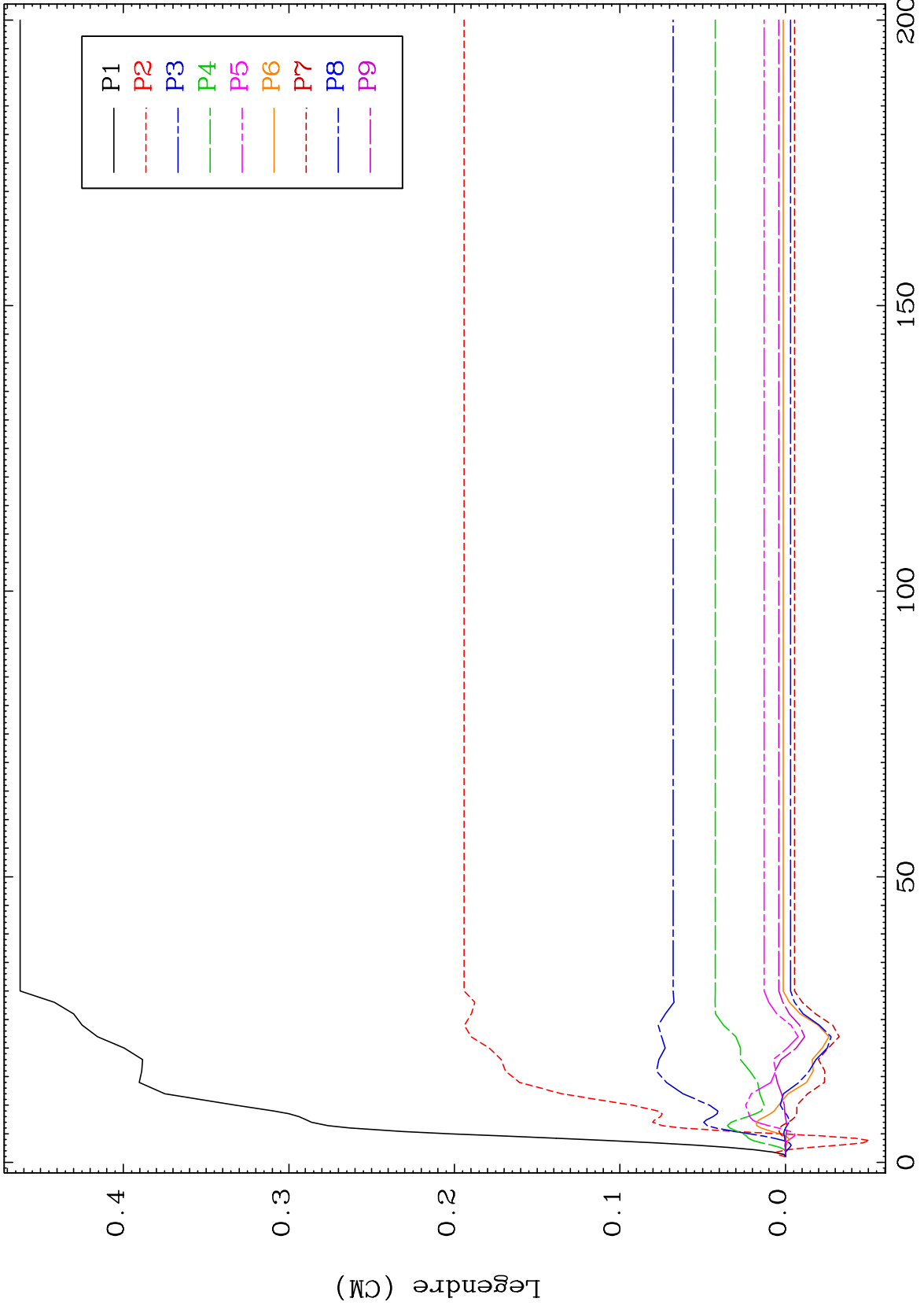


87

58-Ce-145



MAT 5852 MT= 68 (n,n') Level Legendre Coefficients 58-Ce-145

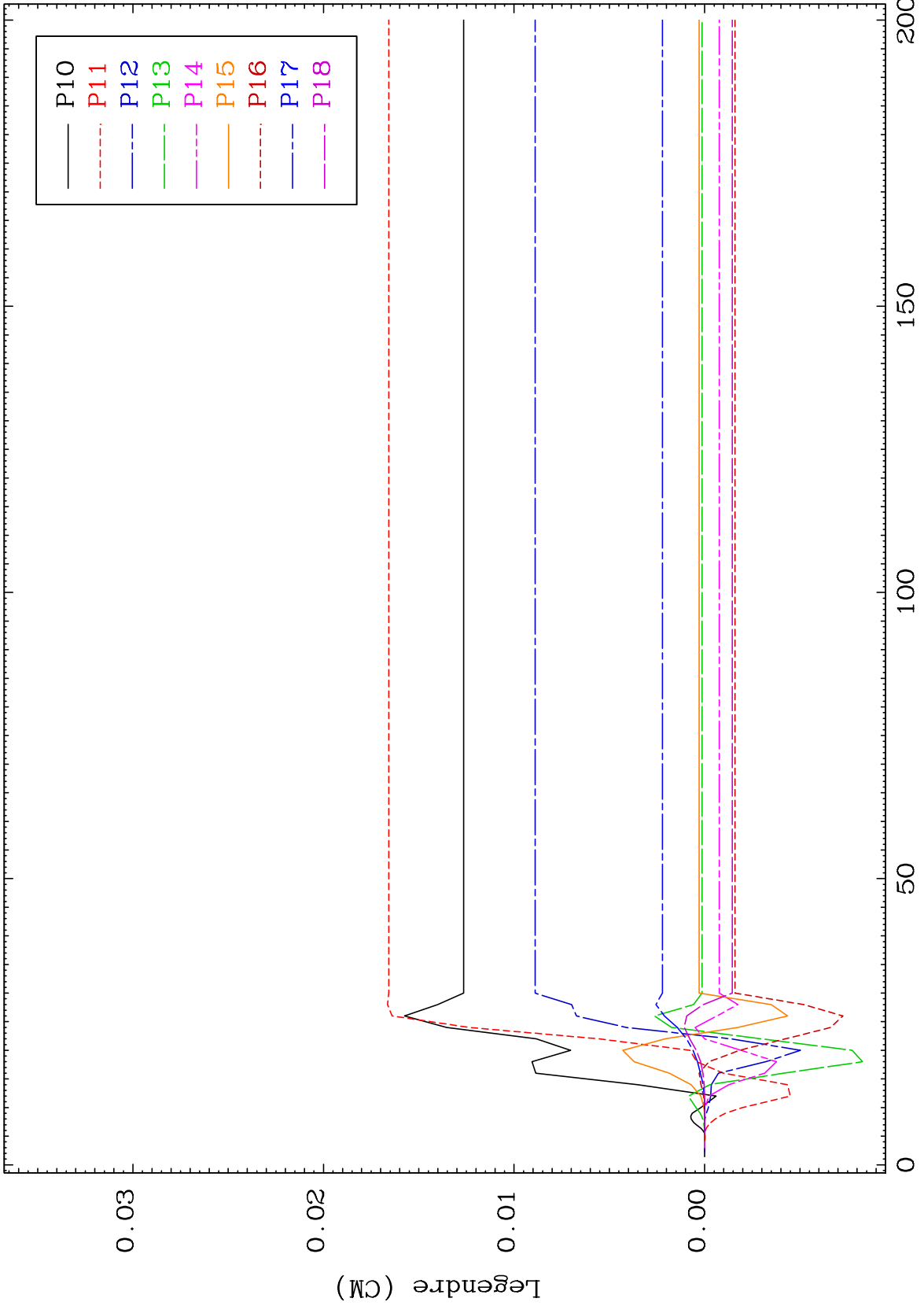


88 58-Ce-145

MAT 5852

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

58-Ce-145



89

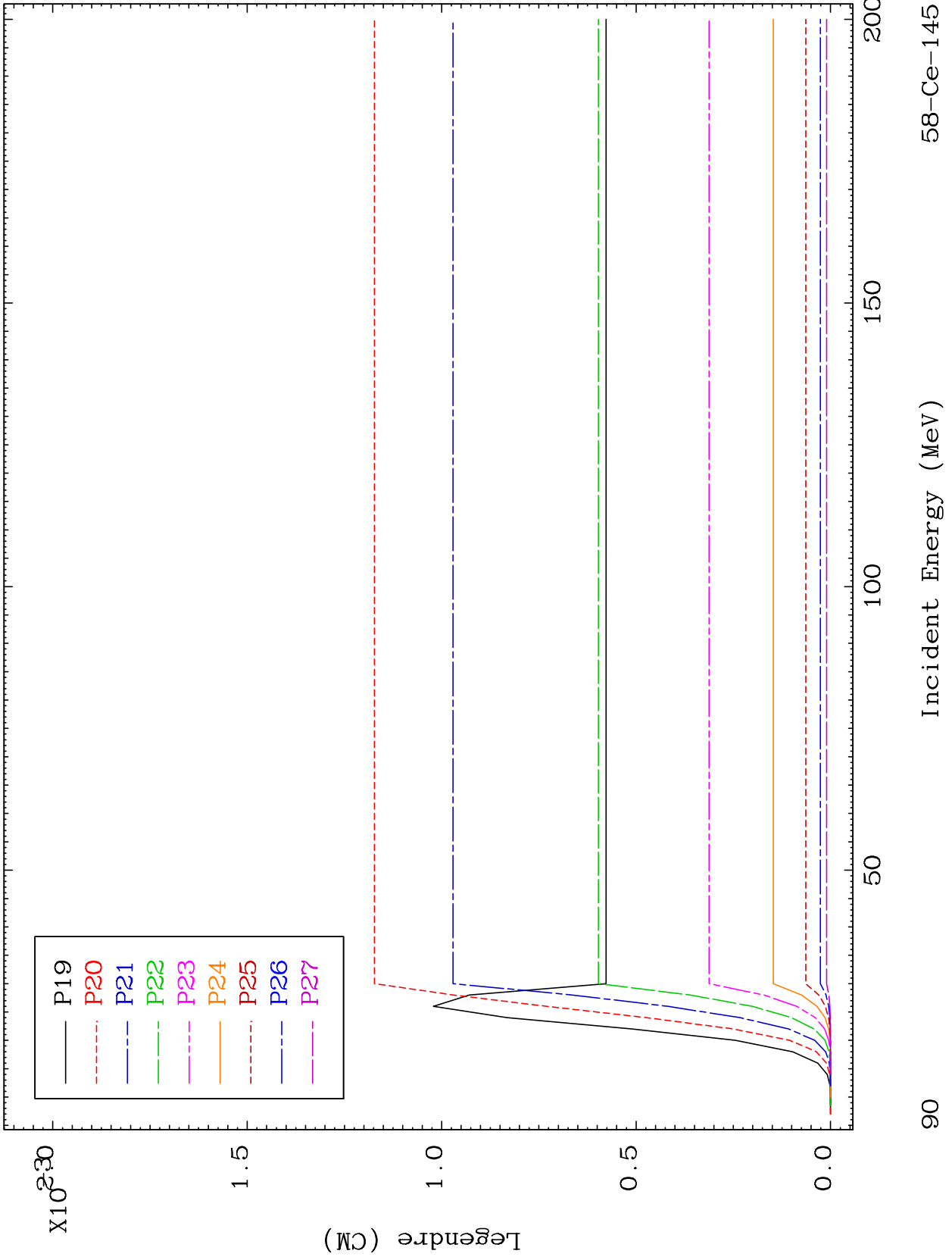
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

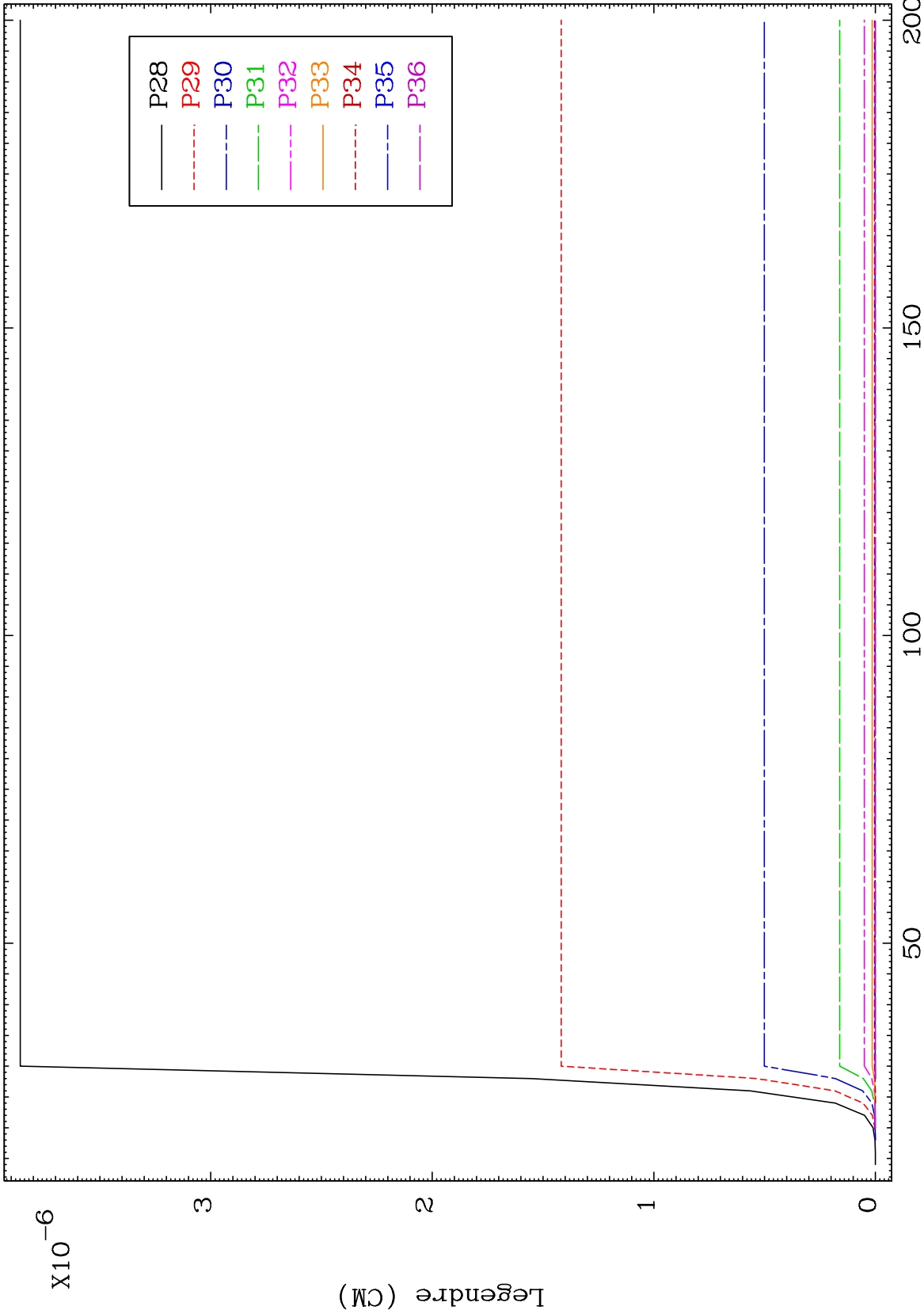
58-Ce-145



MAT 5852

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

58-Ce-145



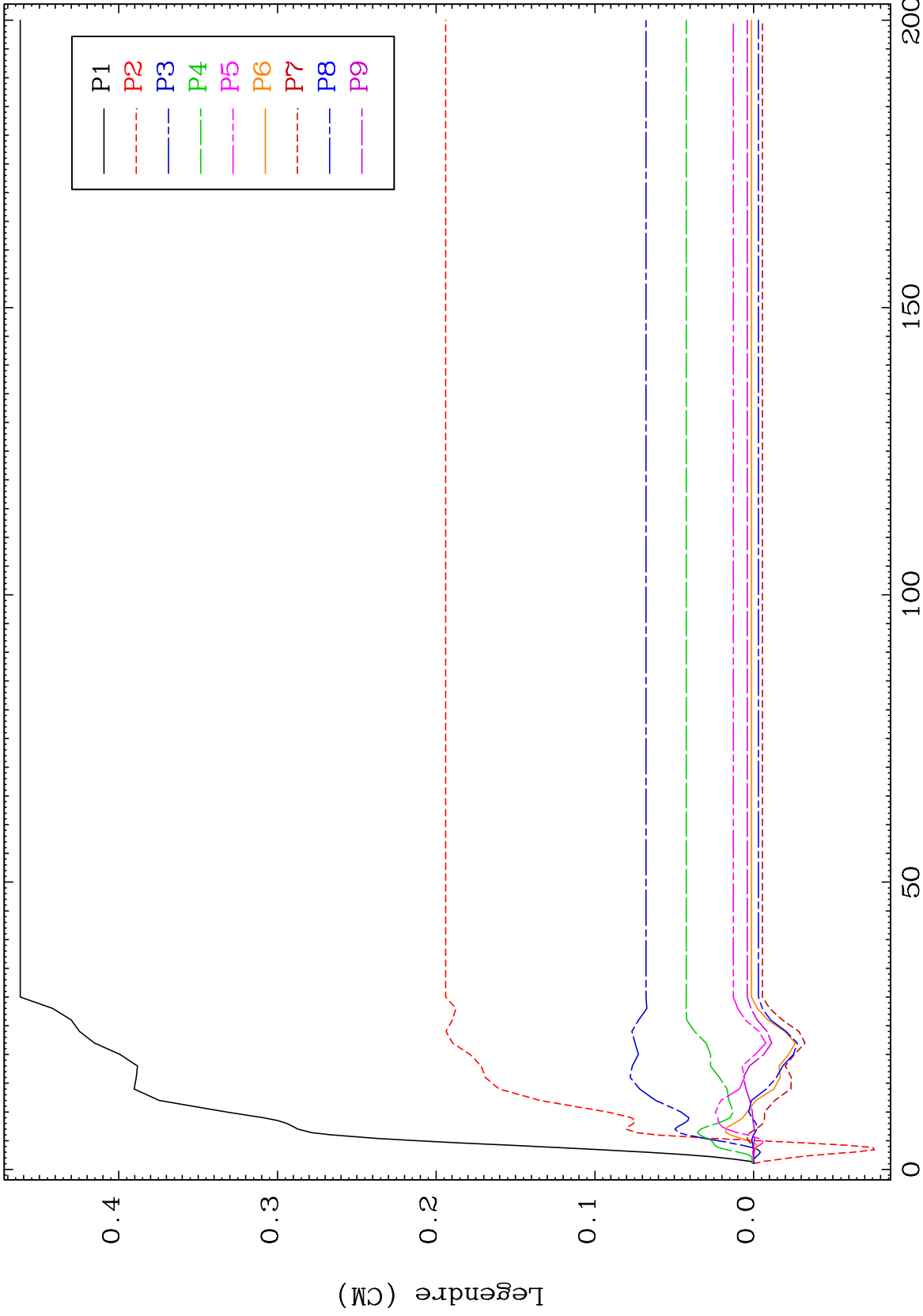
91

58-Ce-145

MAT 5852

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

58-Ce-145



92

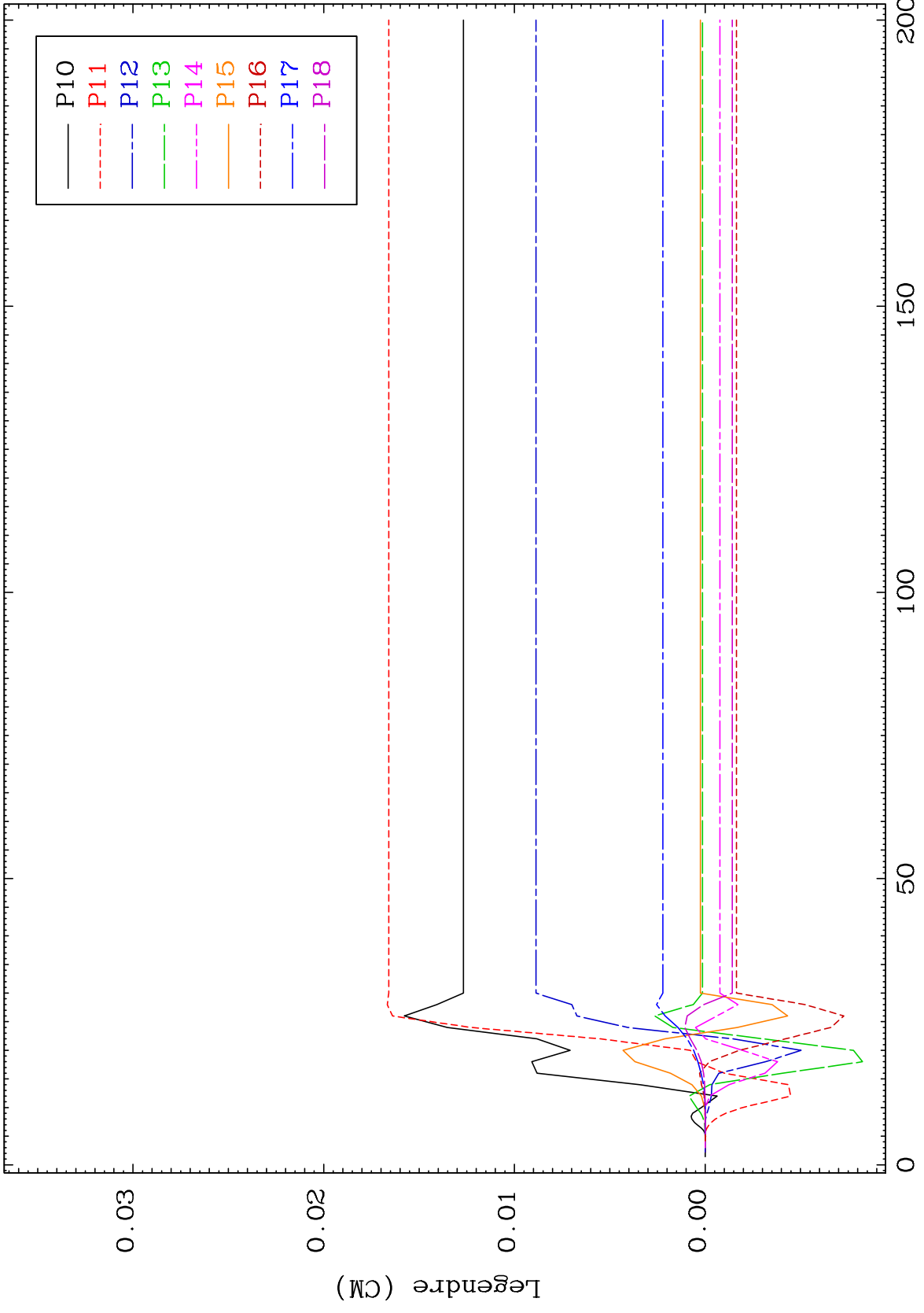
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



93

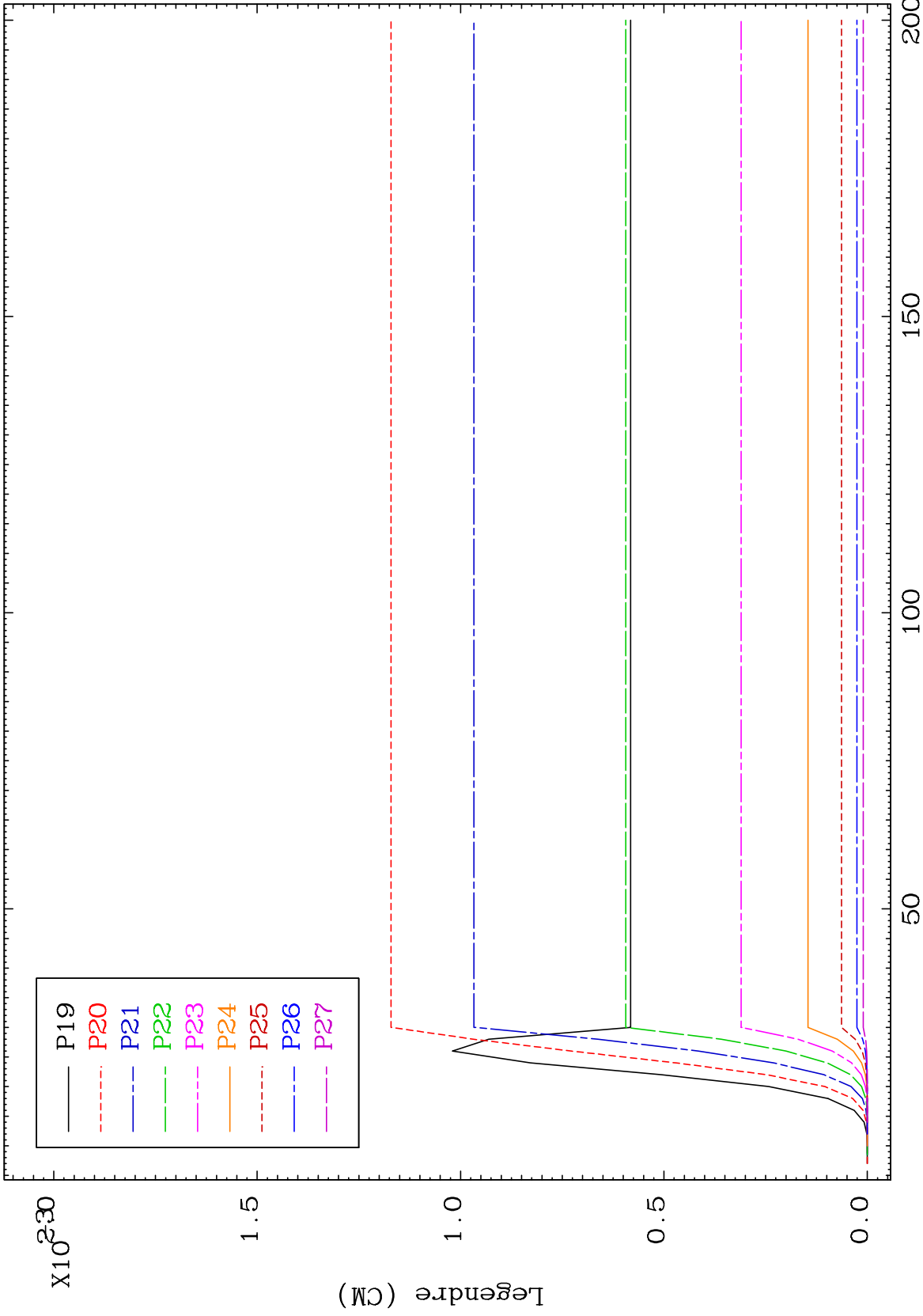
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

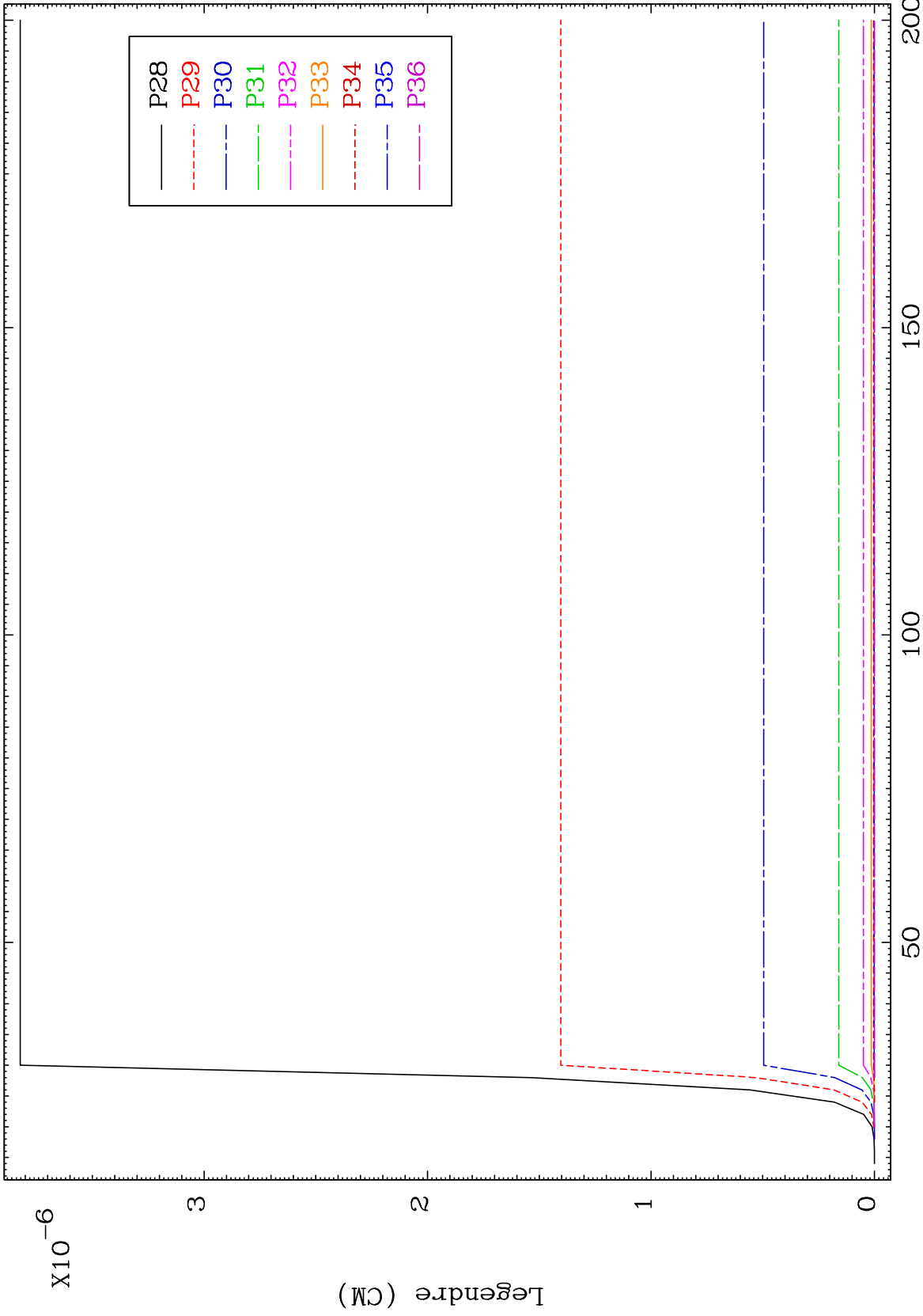
58-Ce-145



MAT 5852

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

58-Ce-145



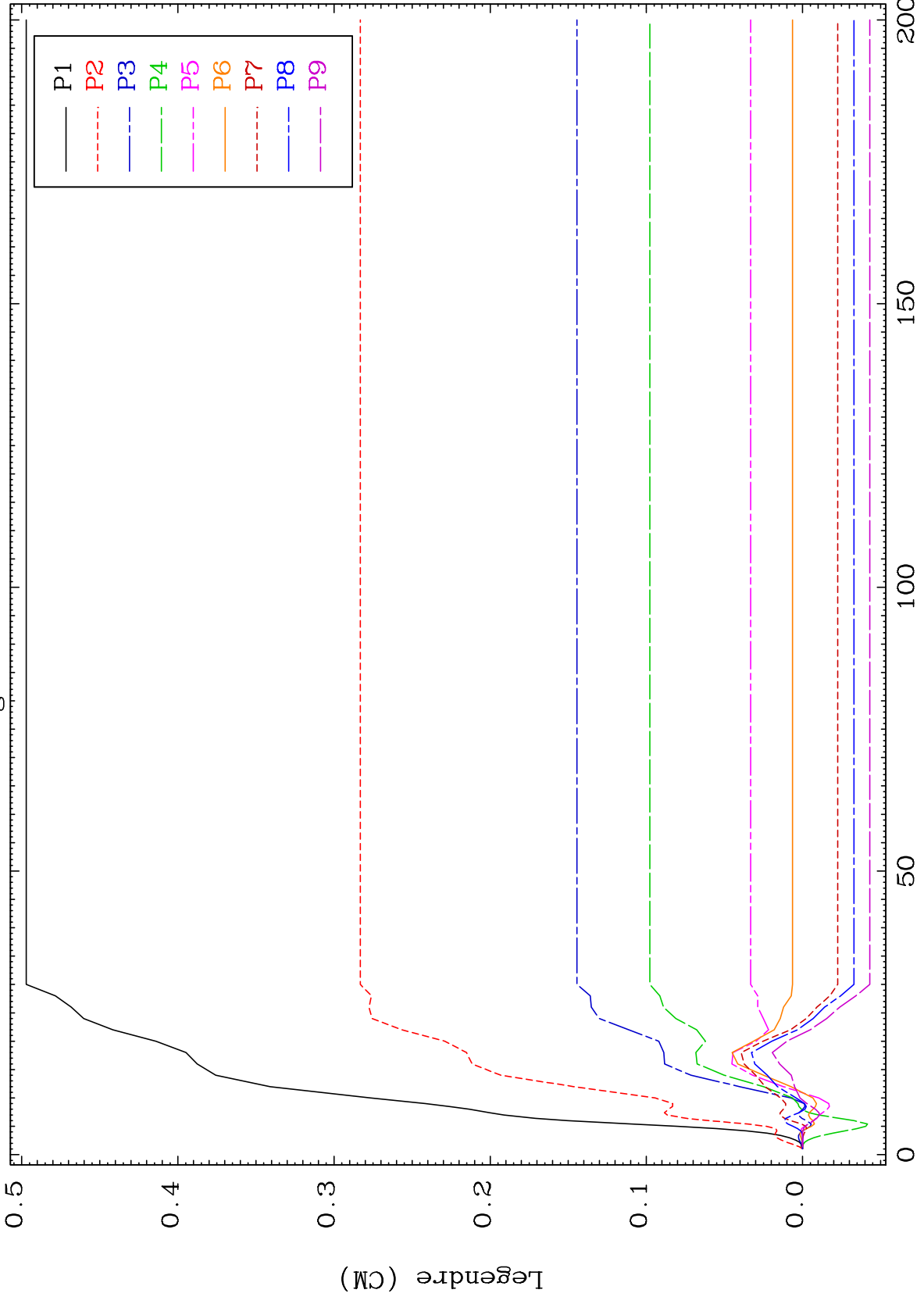
95

Incident Energy (MeV)

58-Ce-145



MAT 5852 MT= 70 (n,n') Level Legendre Coefficients 58-Ce-145

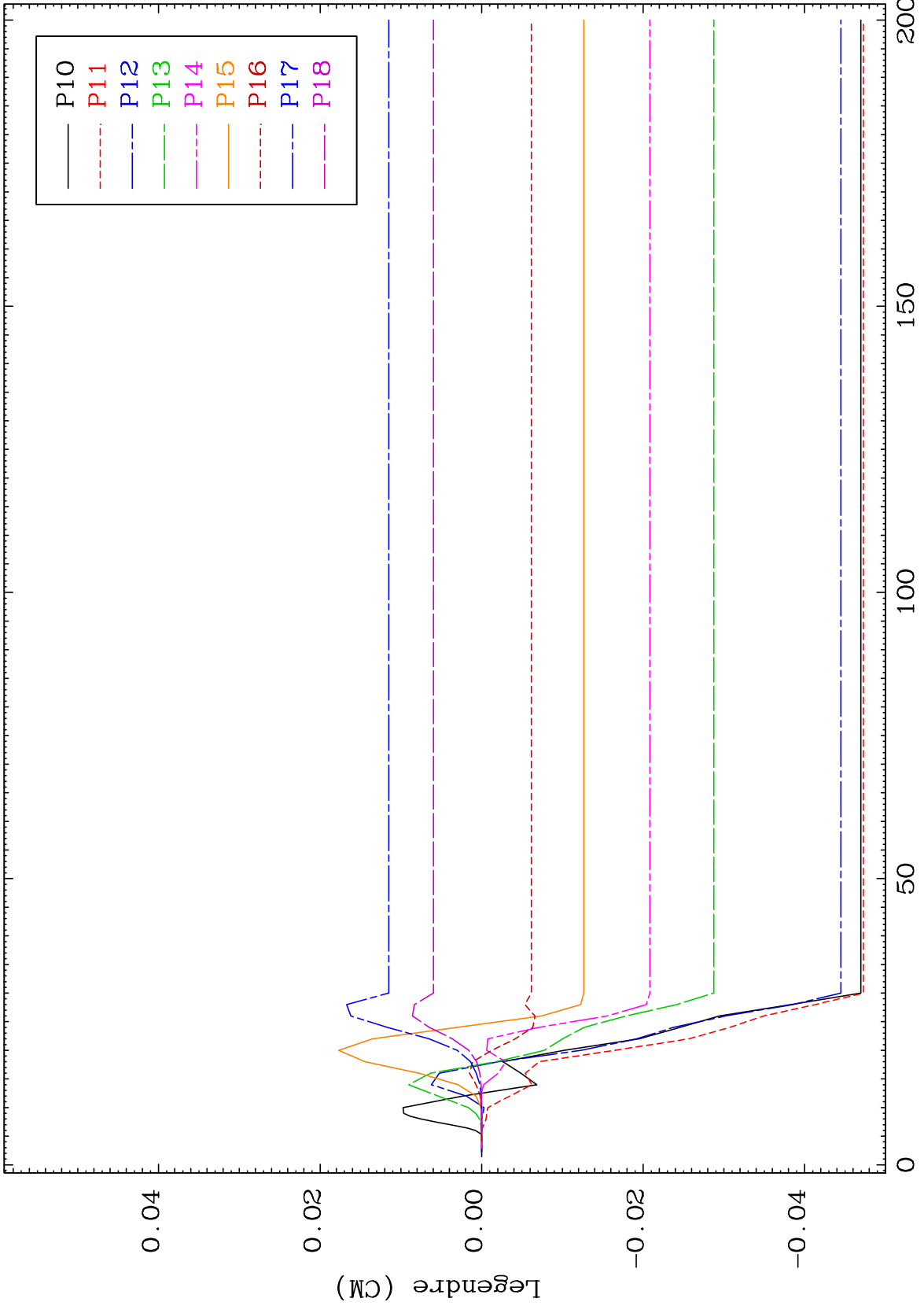


96 58-Ce-145

MAT 5852

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

58-Ce-145



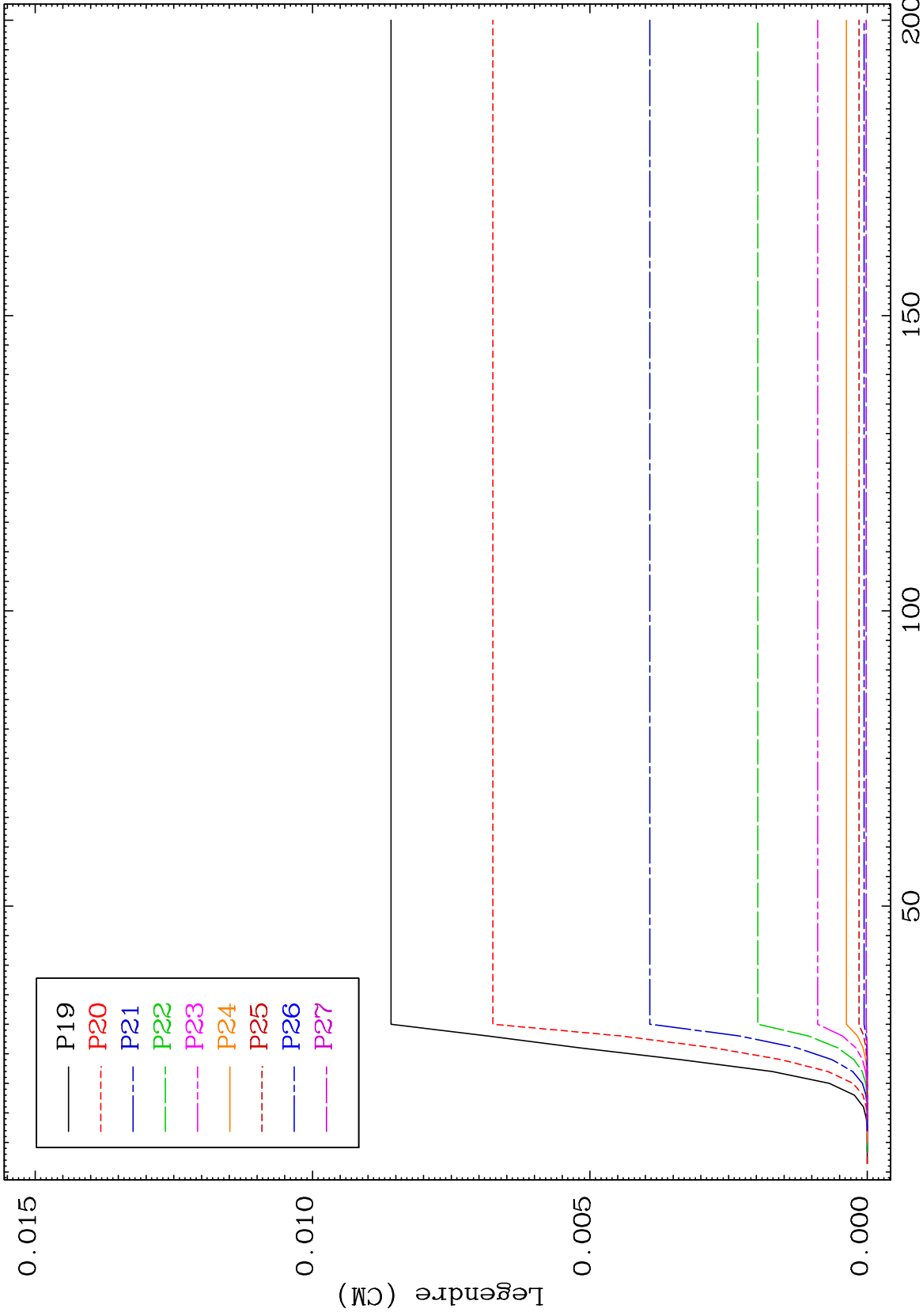
97

58-Ce-145

MAT 5852

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

58-Ce-145



98

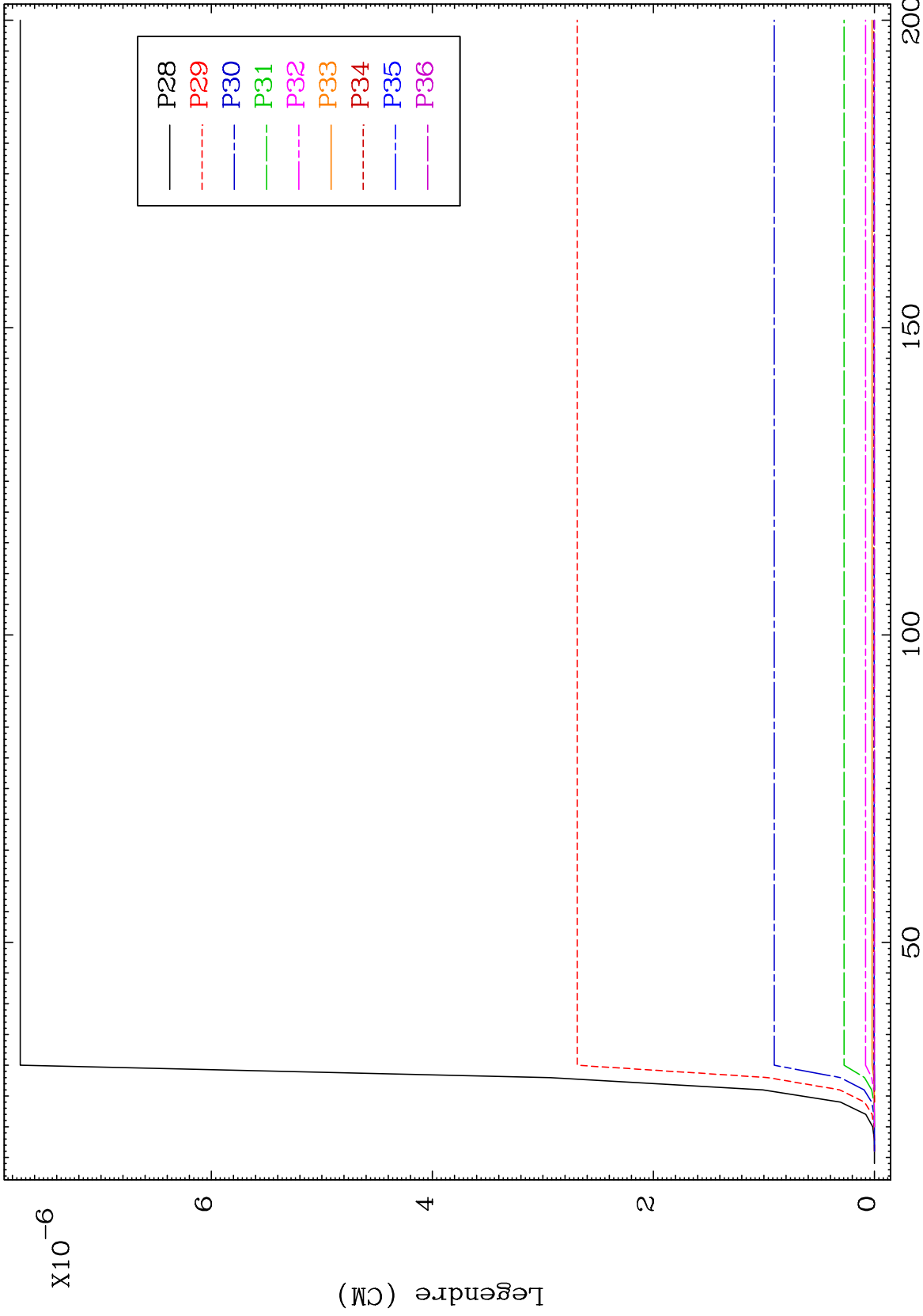
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

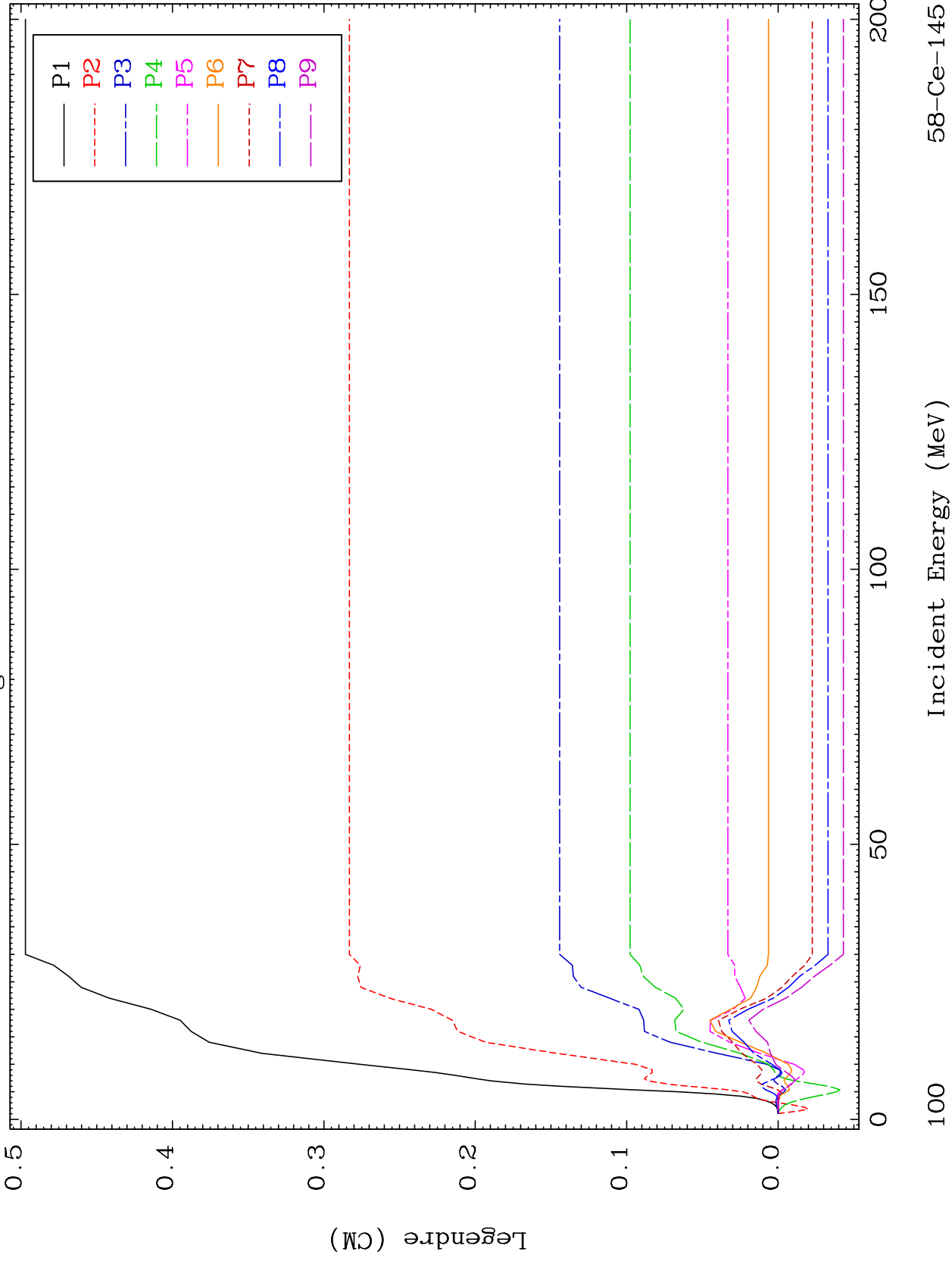
58-Ce-145



99

58-Ce-145

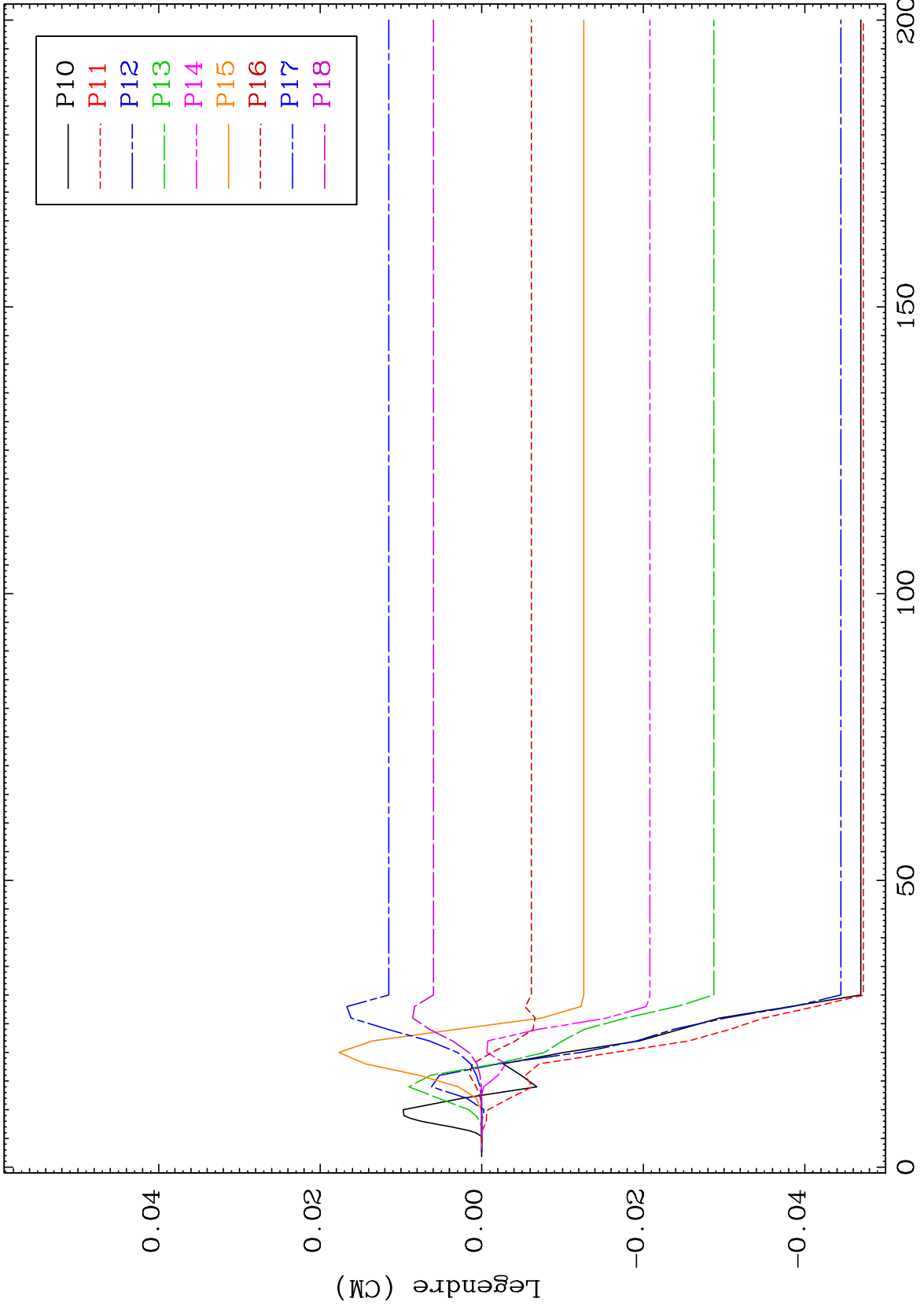
MAT 5852 MT= 71 (n,n') Level Legendre Coefficients 58-Ce-145



MAT 5852

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

58-Ce-145



101

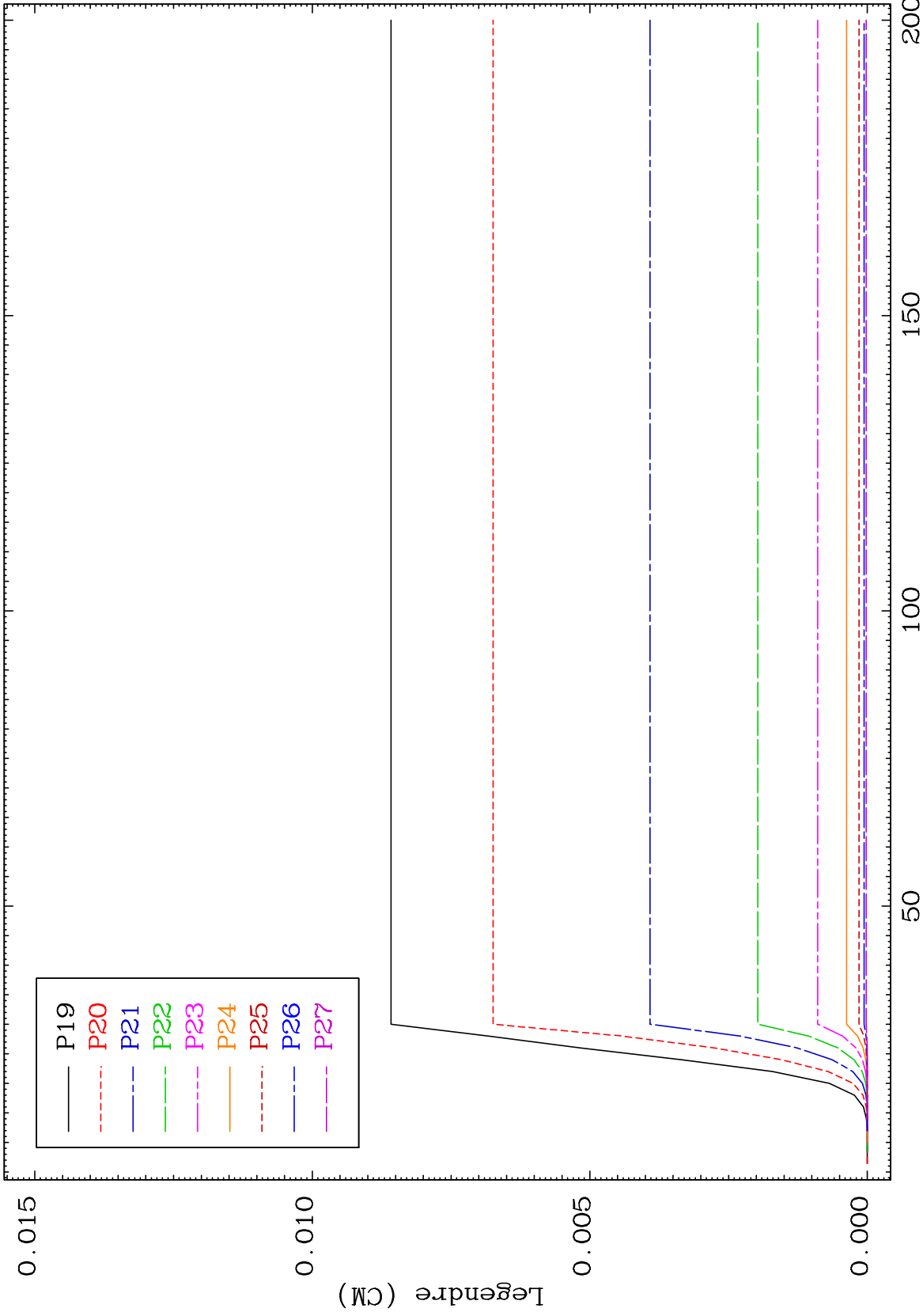
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



102

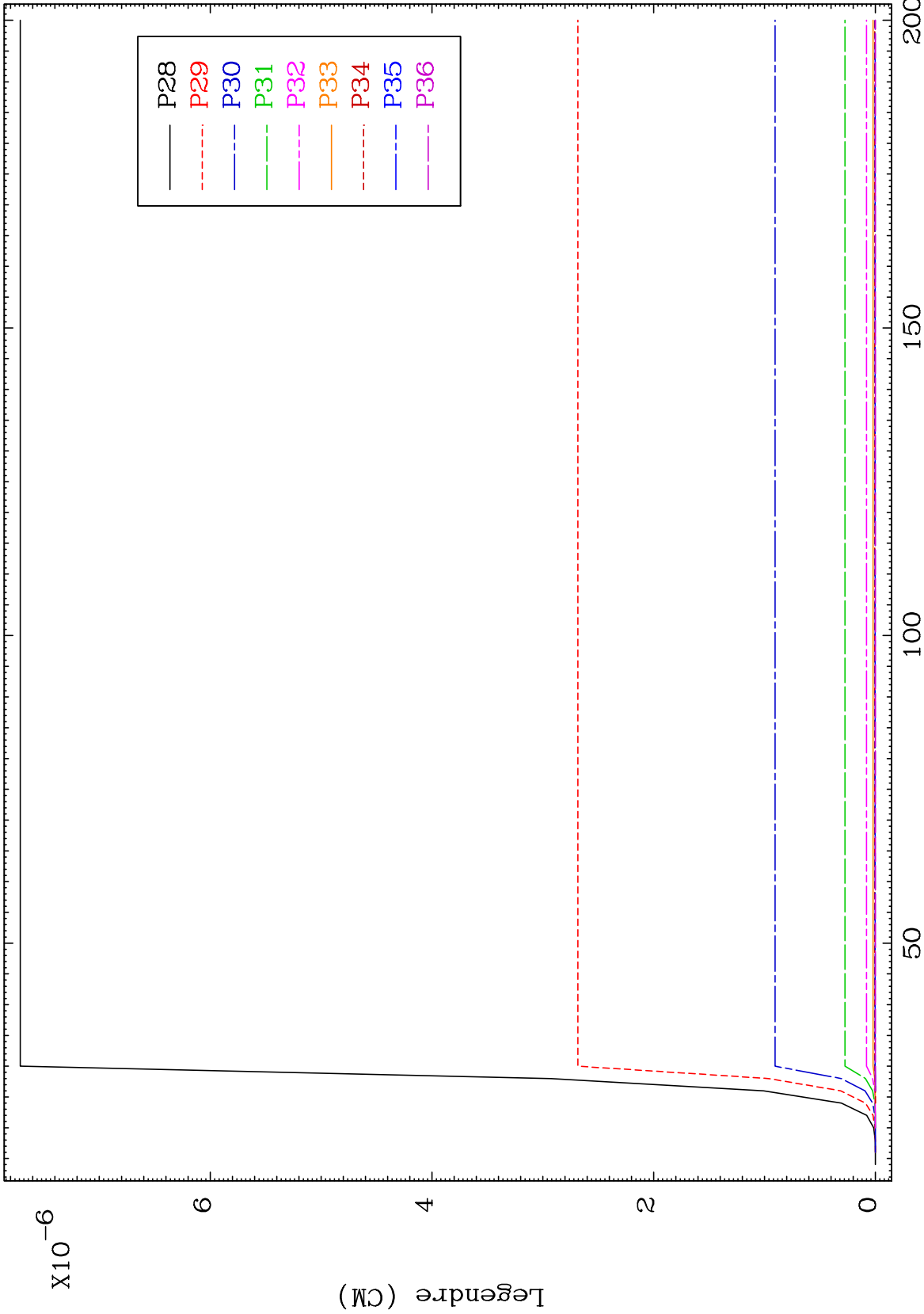
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



103

Incident Energy (MeV)

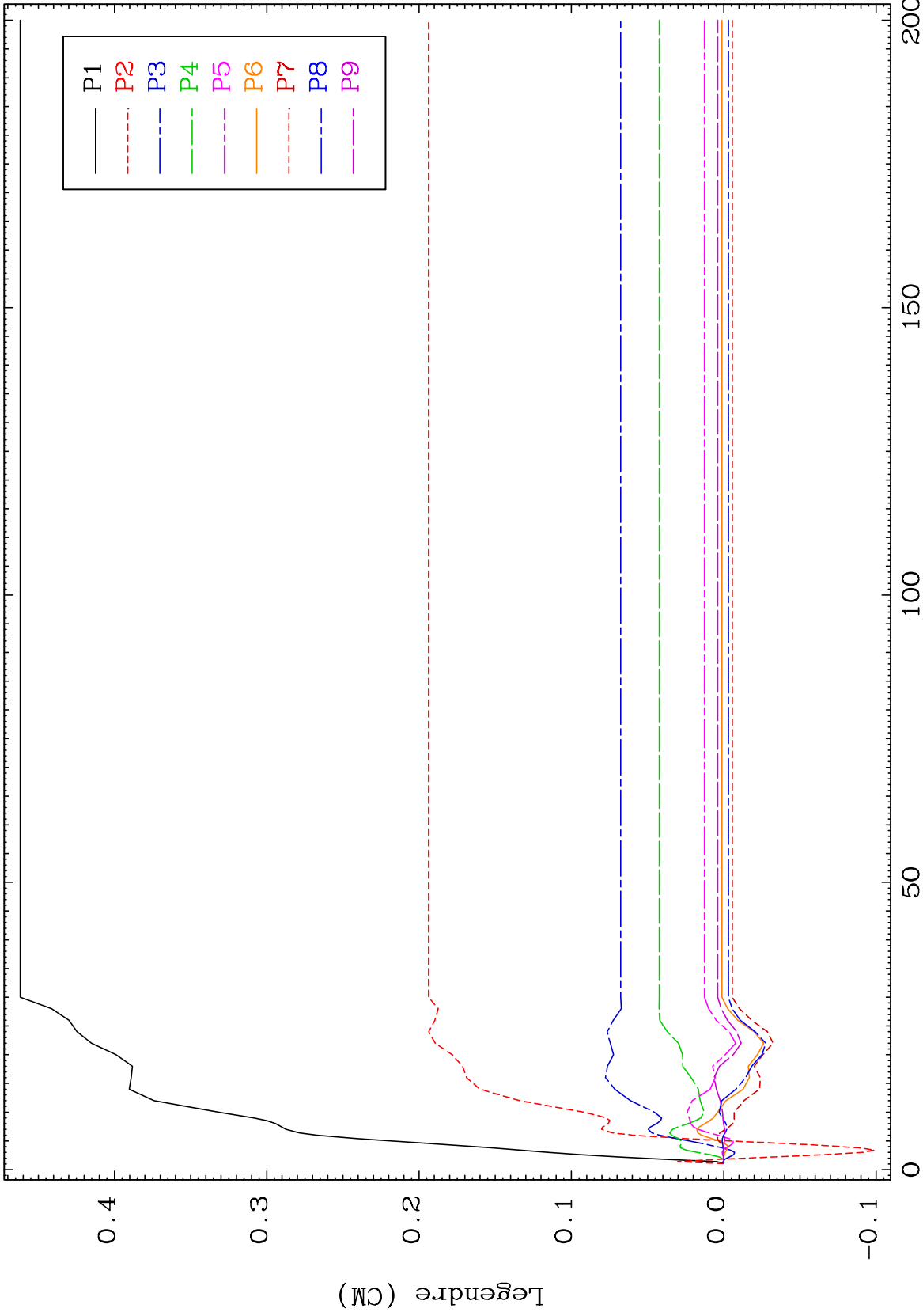
58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

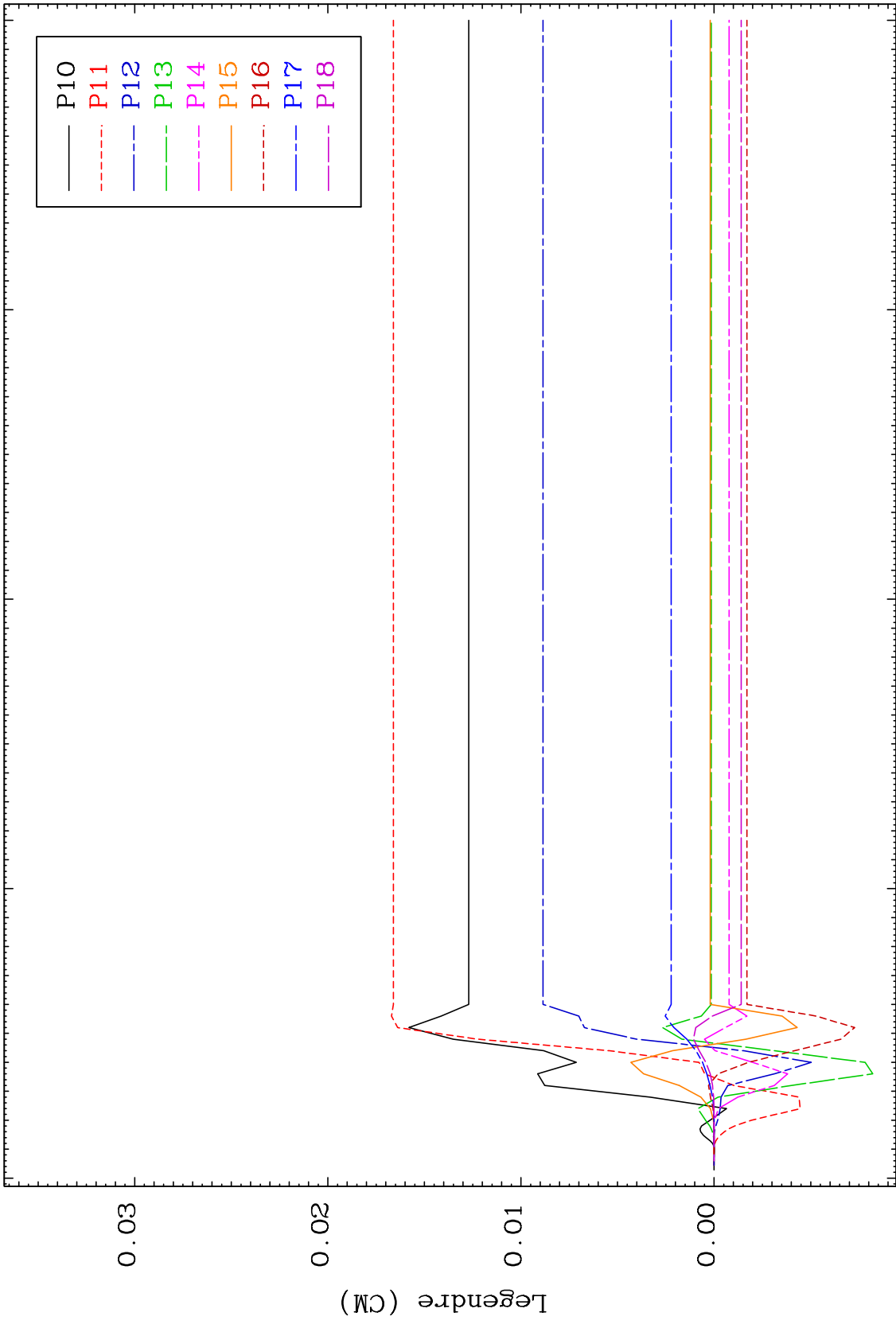
Incident Energy (MeV)

104

MAT 5852

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

58-Ce-145



58-Ce-145

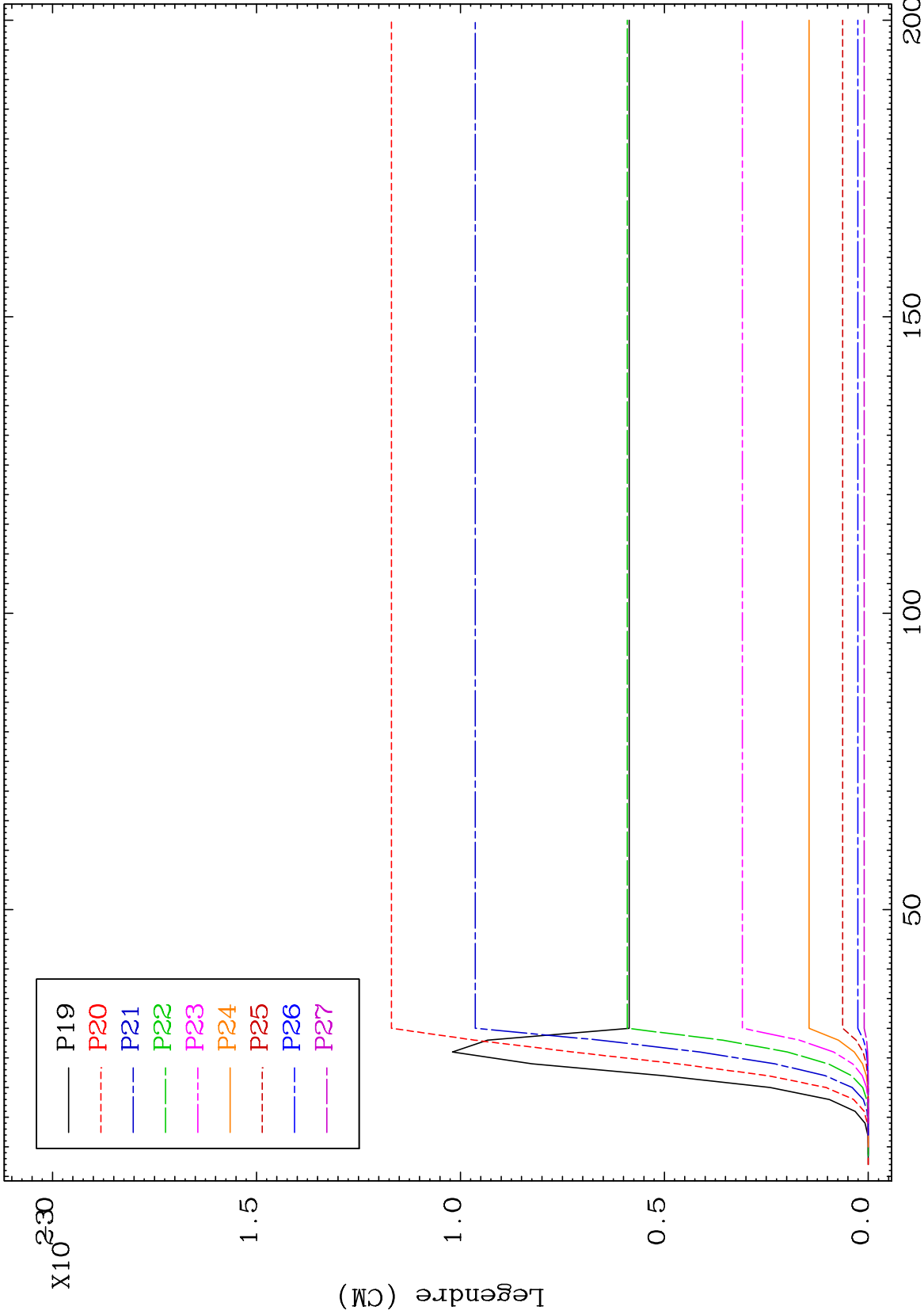
Incident Energy (MeV)

105

MAT 5852

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

58-Ce-145



106

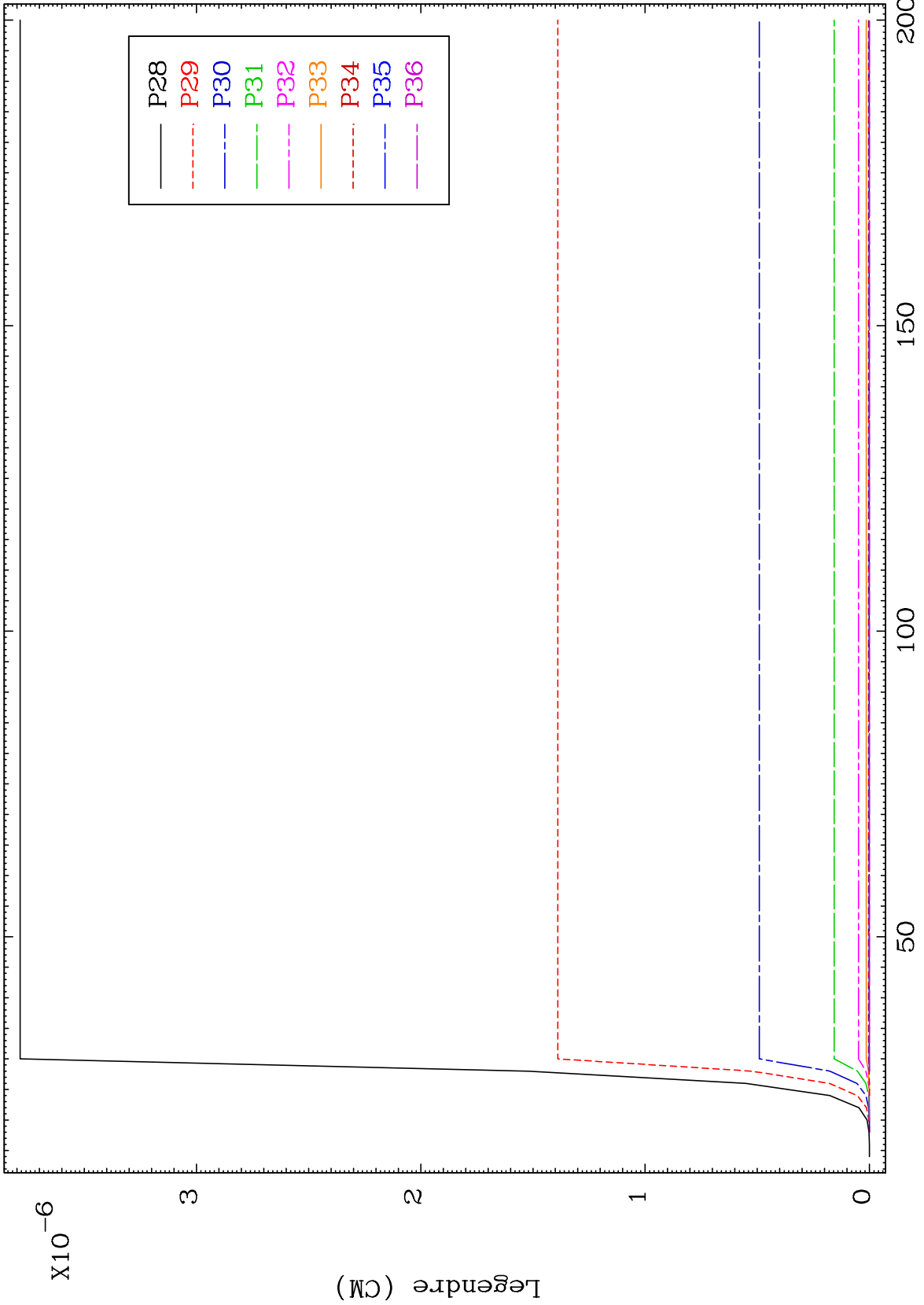
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



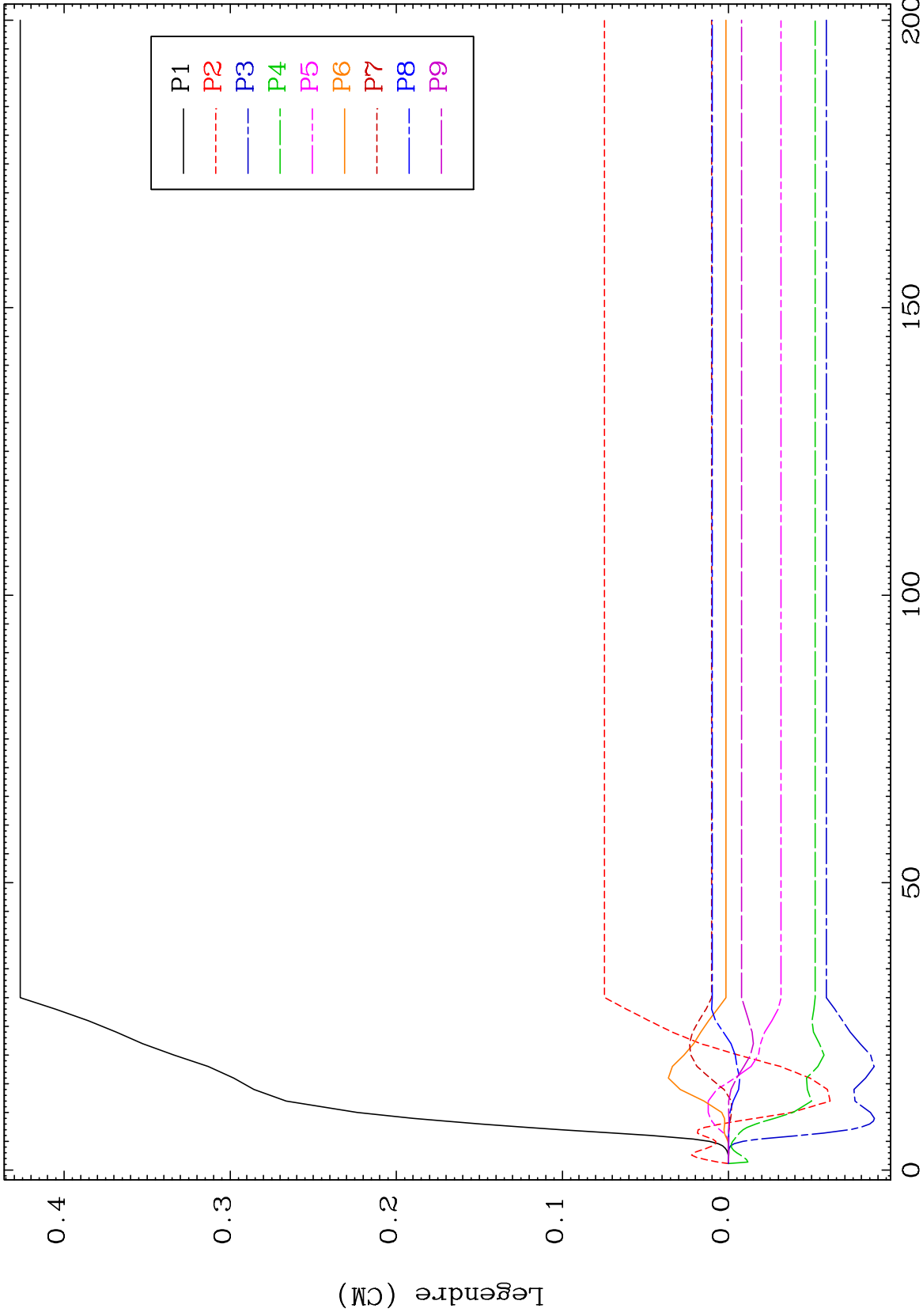
107

58-Ce-145

MAT 5852

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

58-Ce-145



108

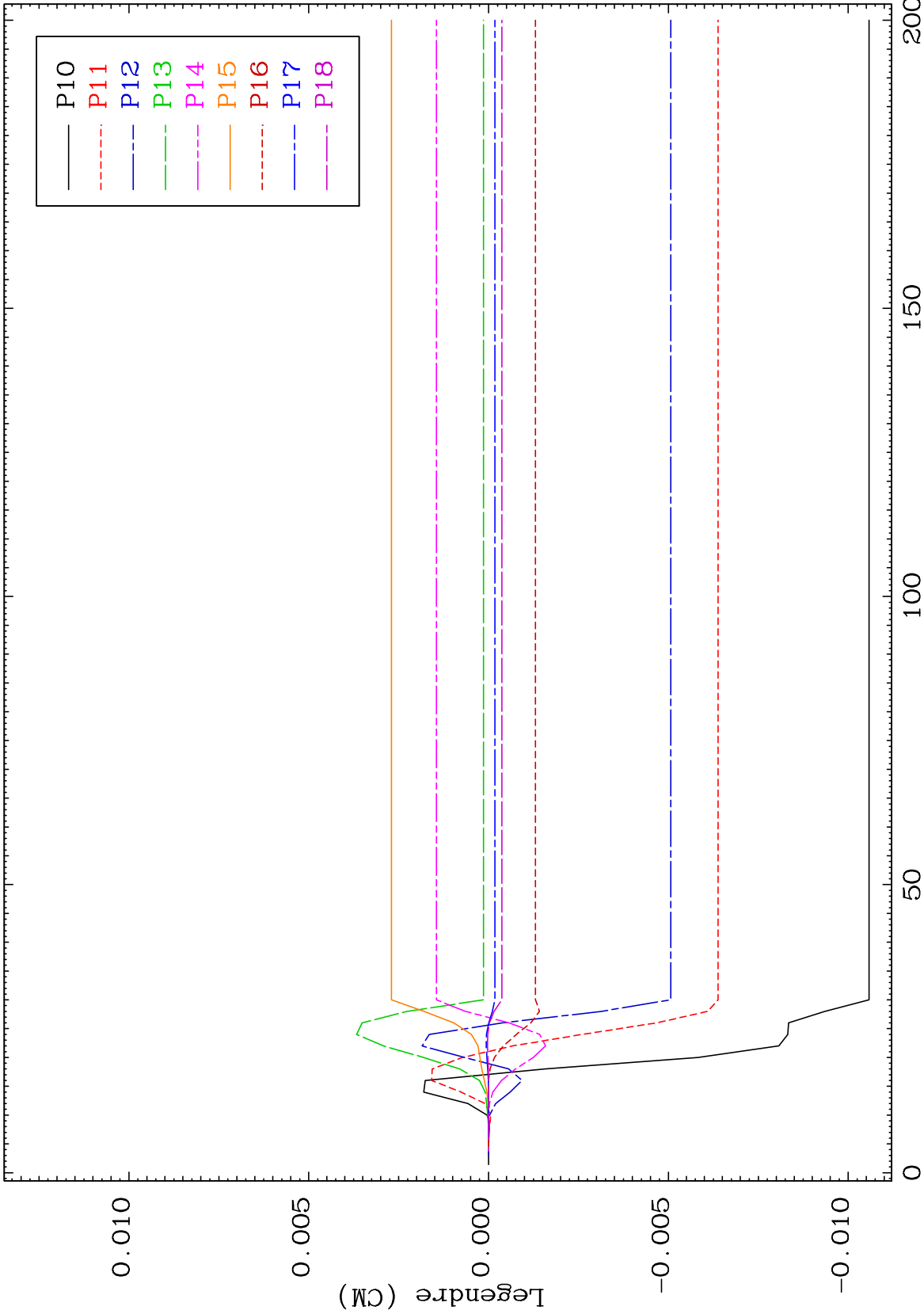
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



109

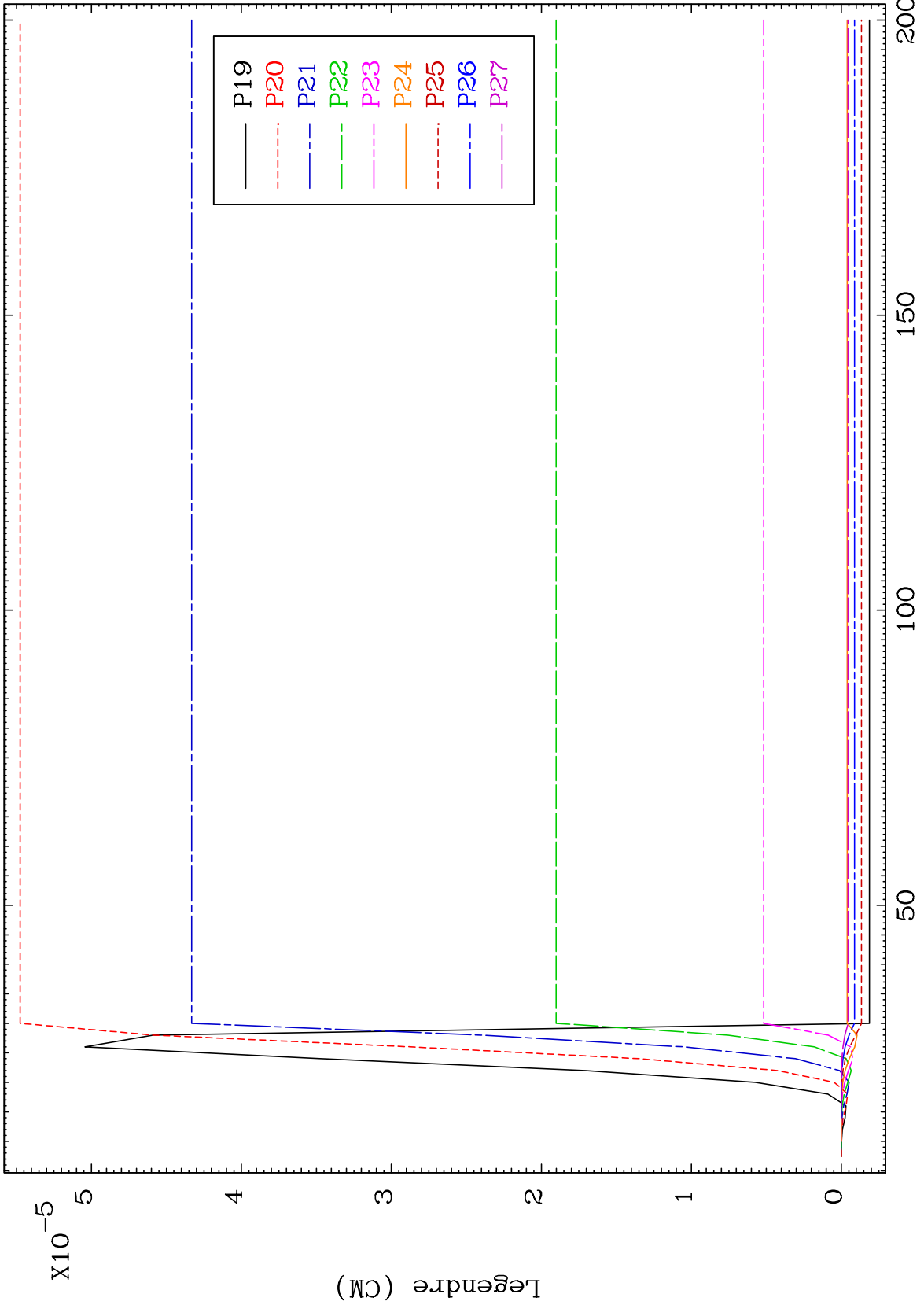
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



110

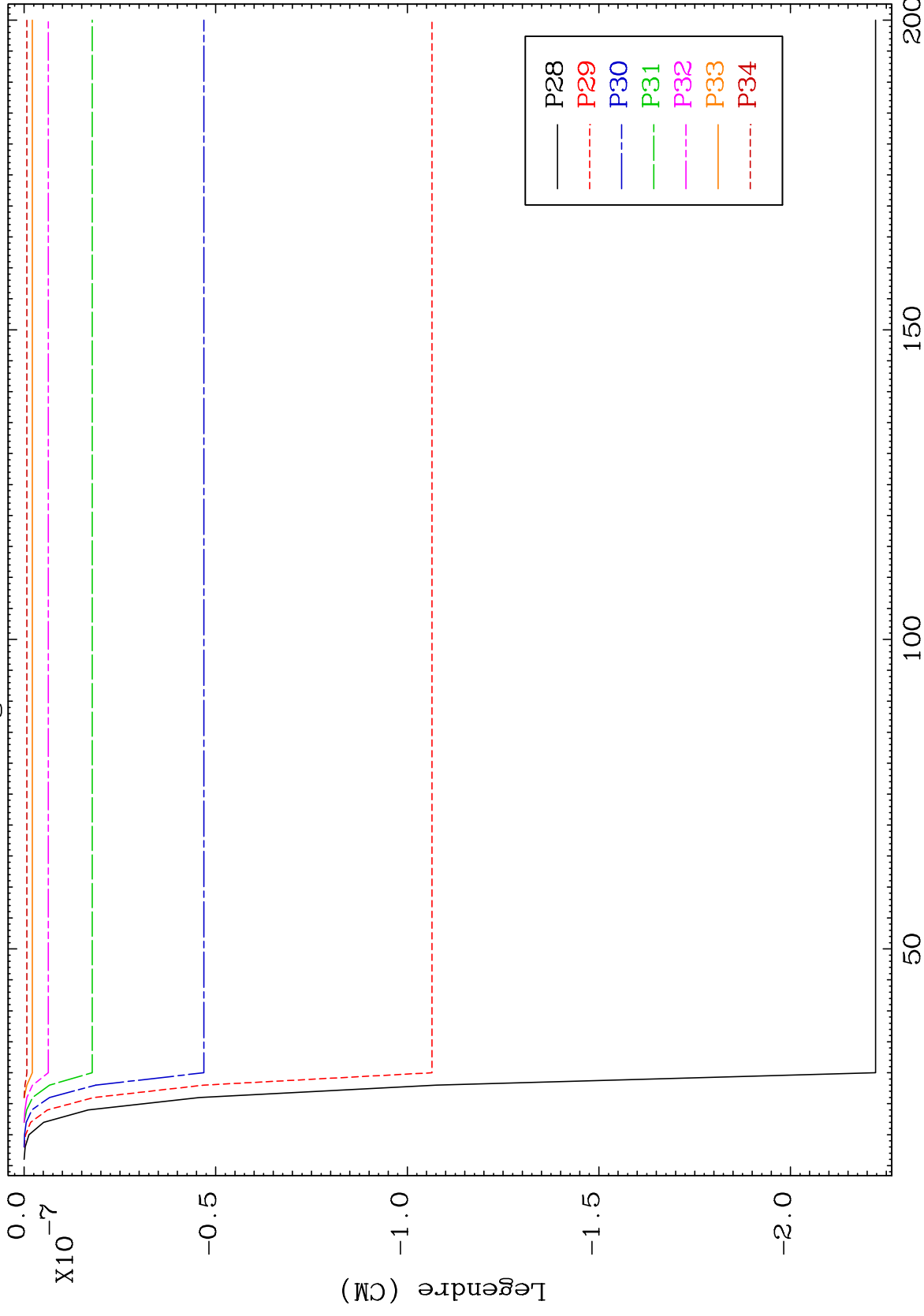
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



58-Ce-145

Incident Energy (MeV)

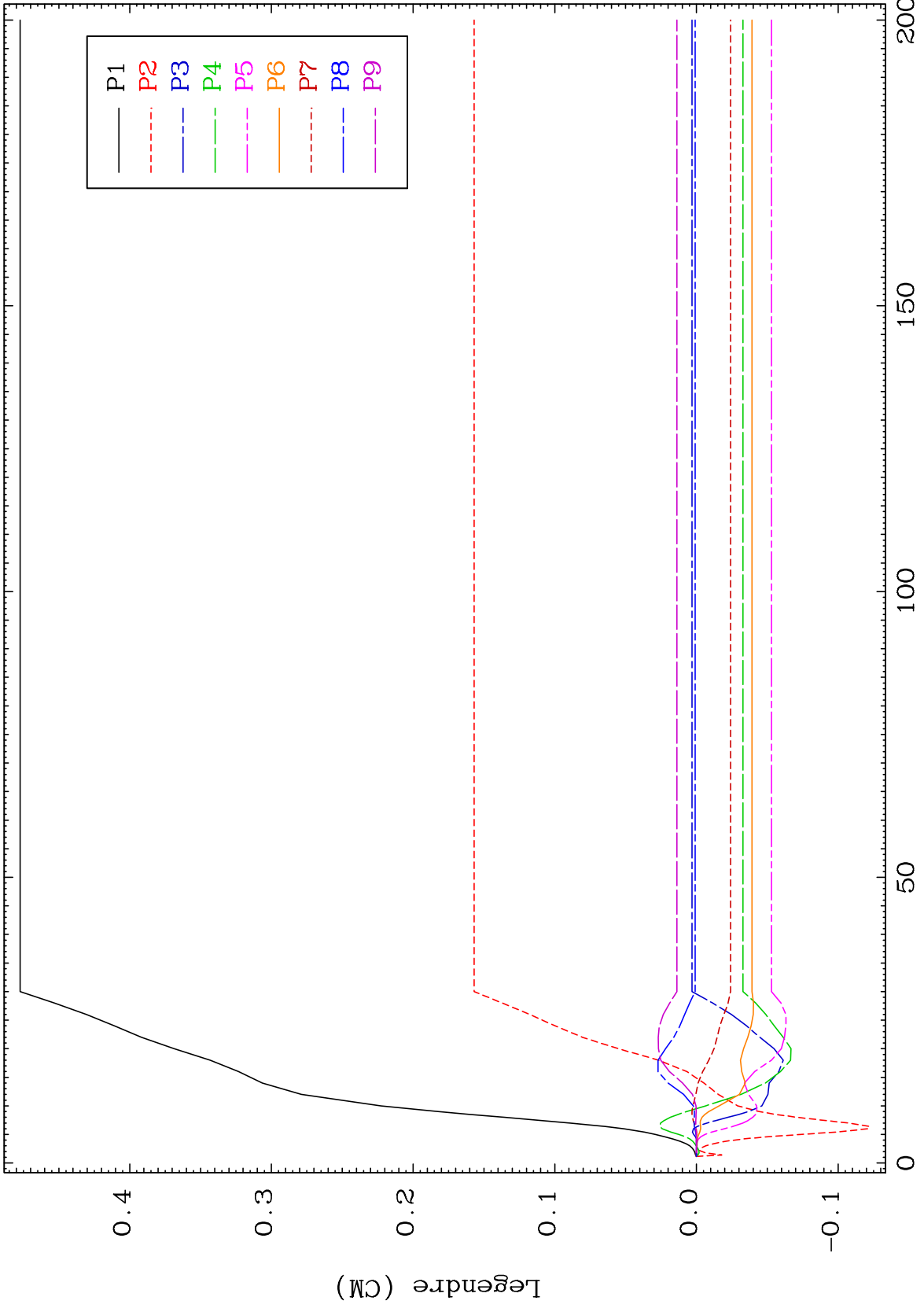
111



MAT 5852

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

58-Ce-145



112

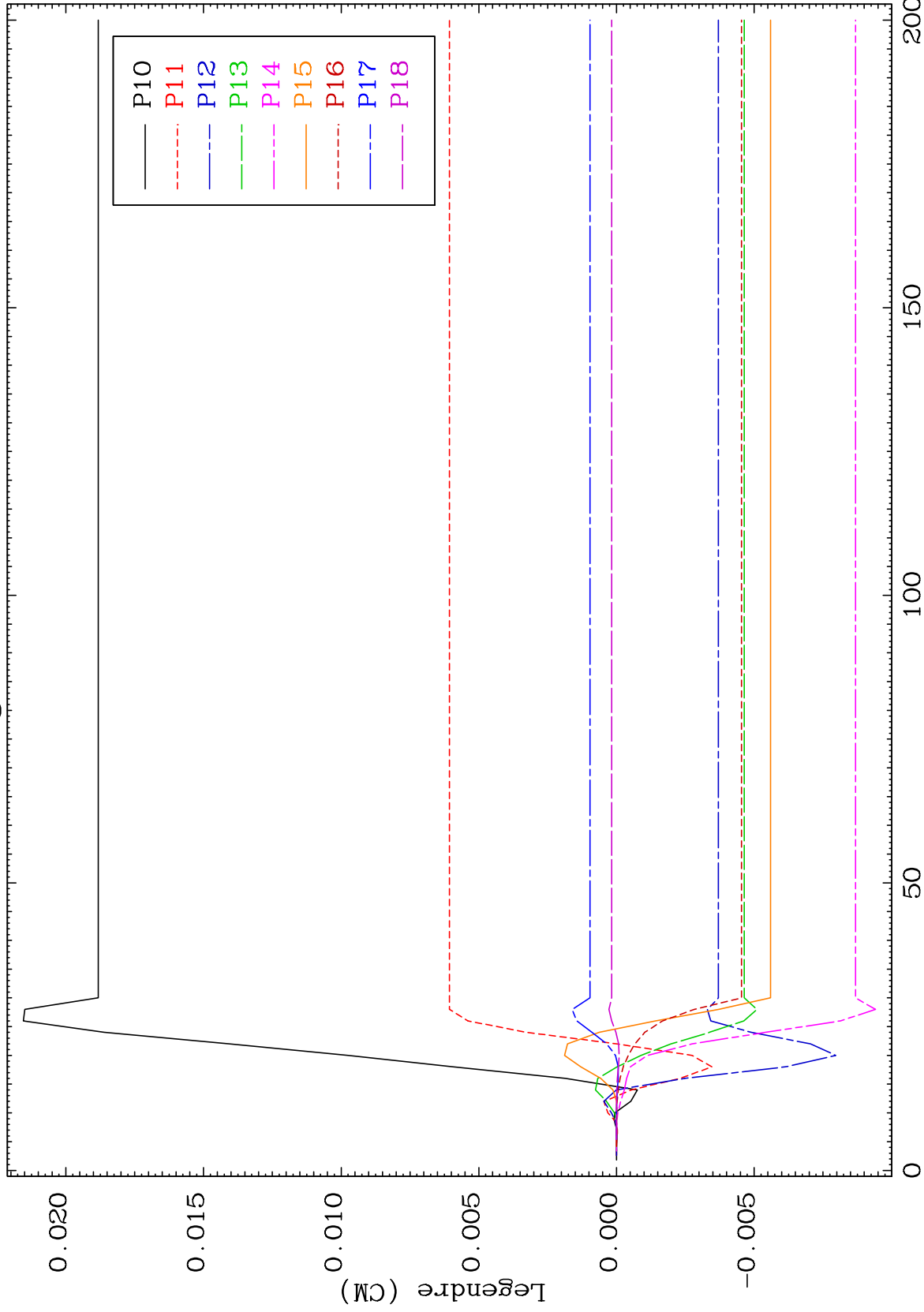
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



113

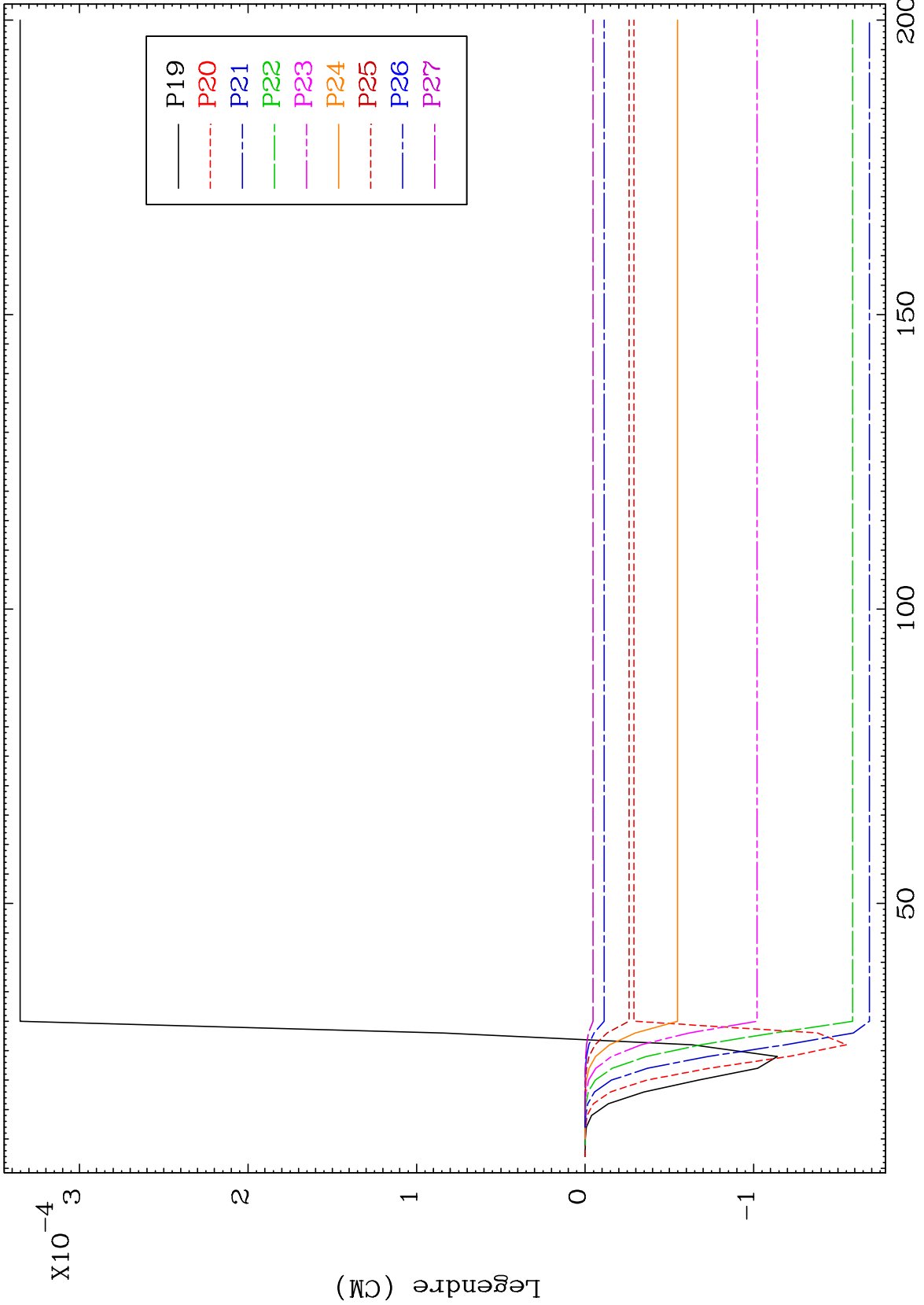
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



114

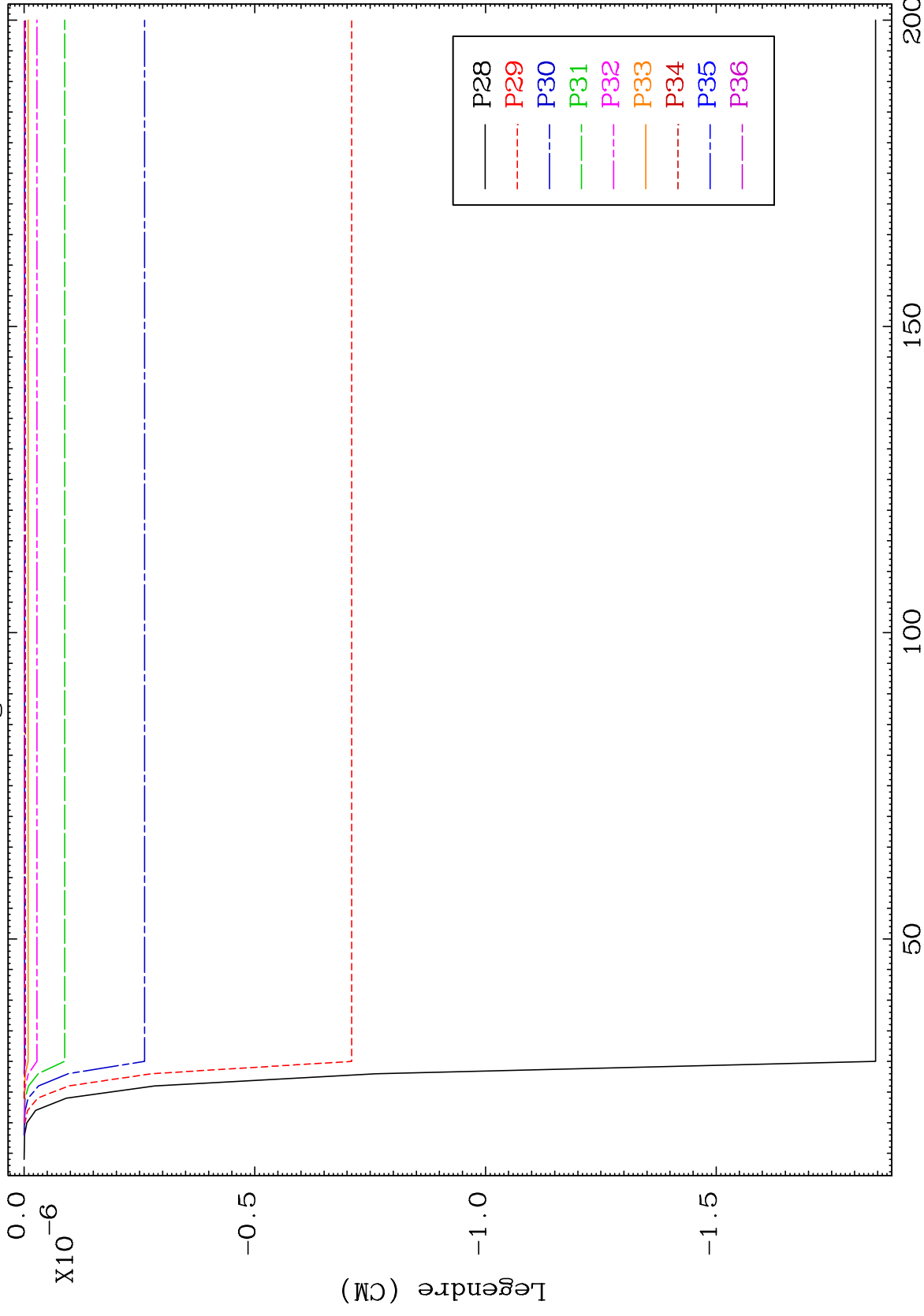
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



58-Ce-145

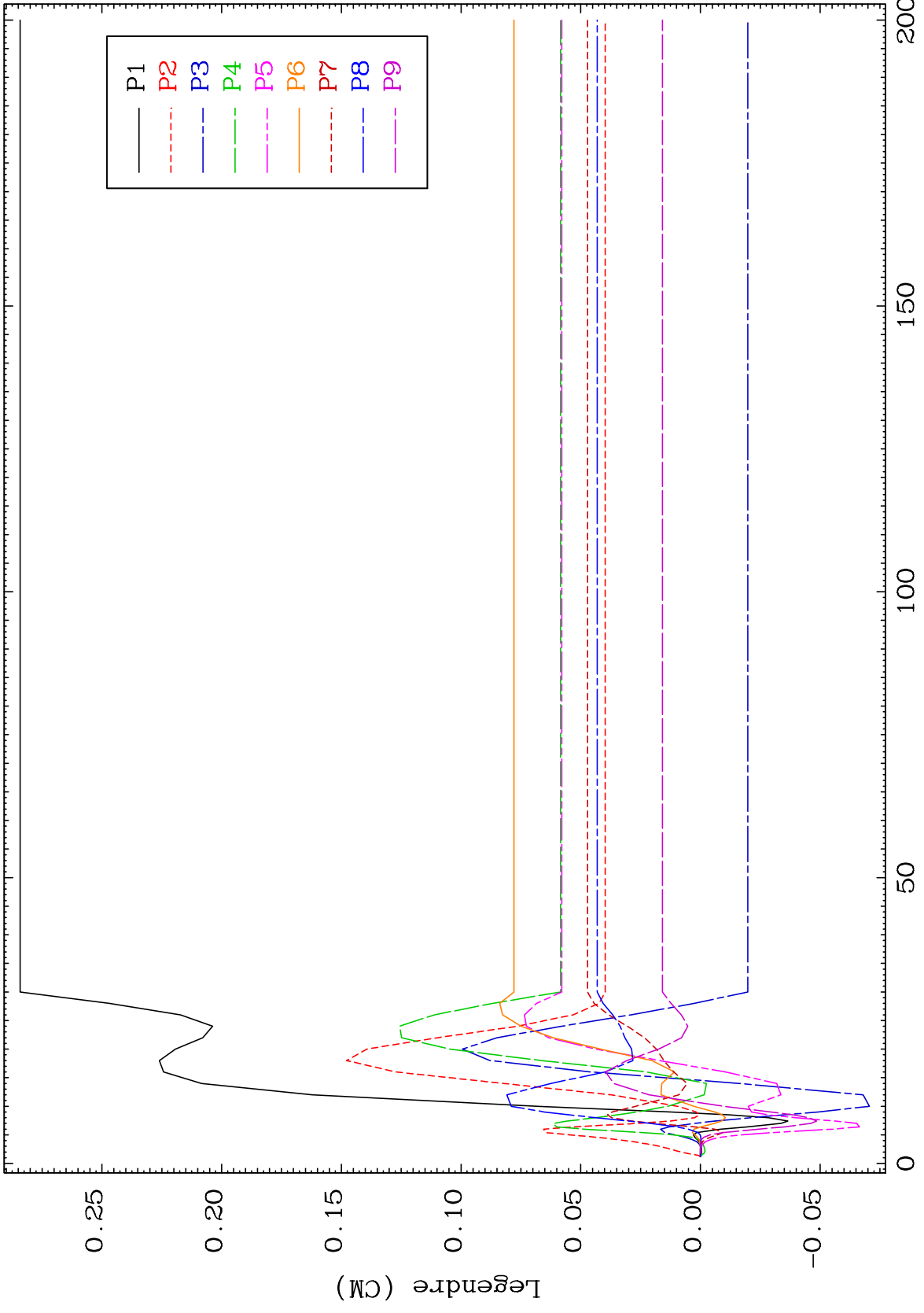
Incident Energy (MeV)

115

MAT 5852

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

58-Ce-145

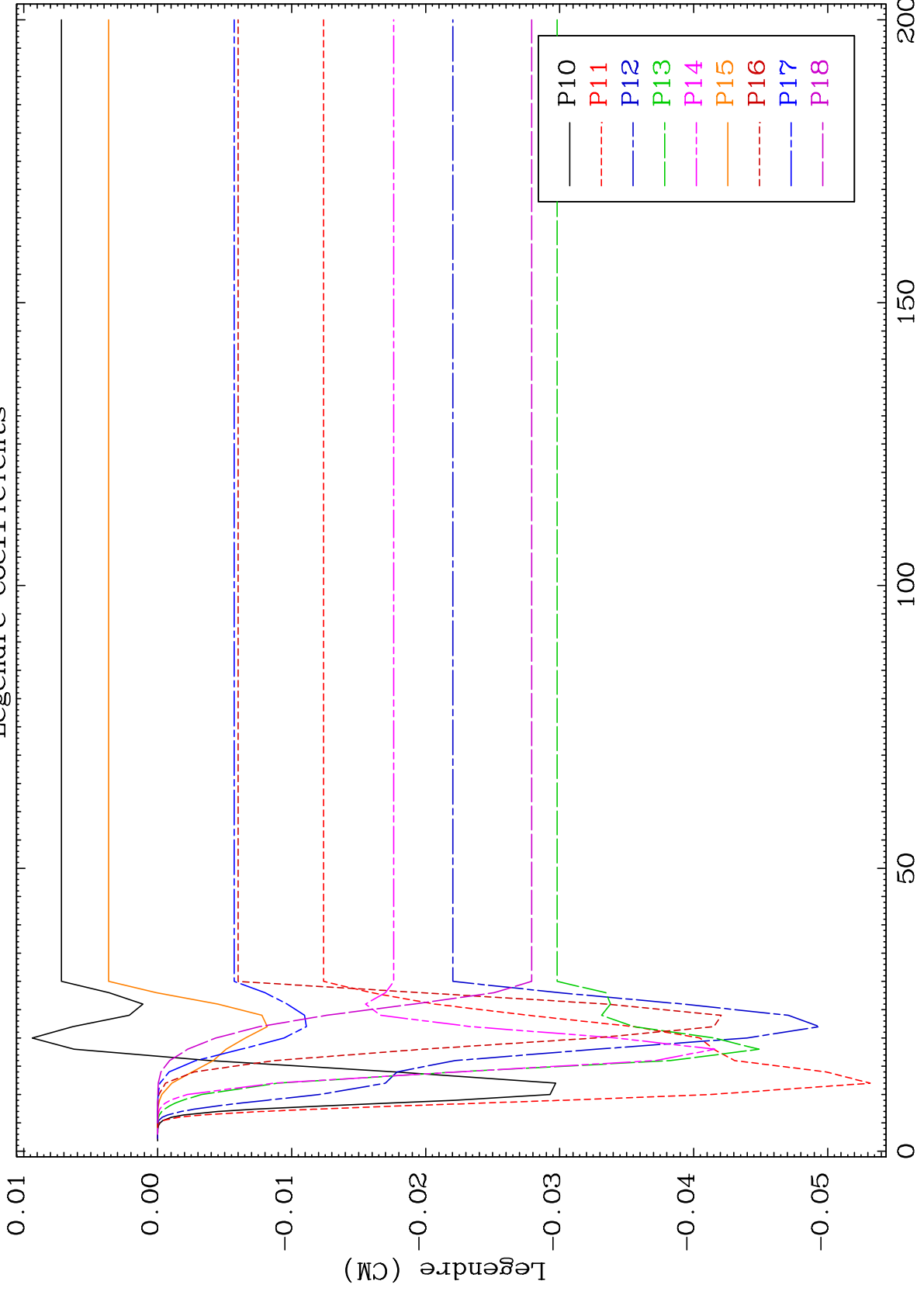


116

Incident Energy (MeV)

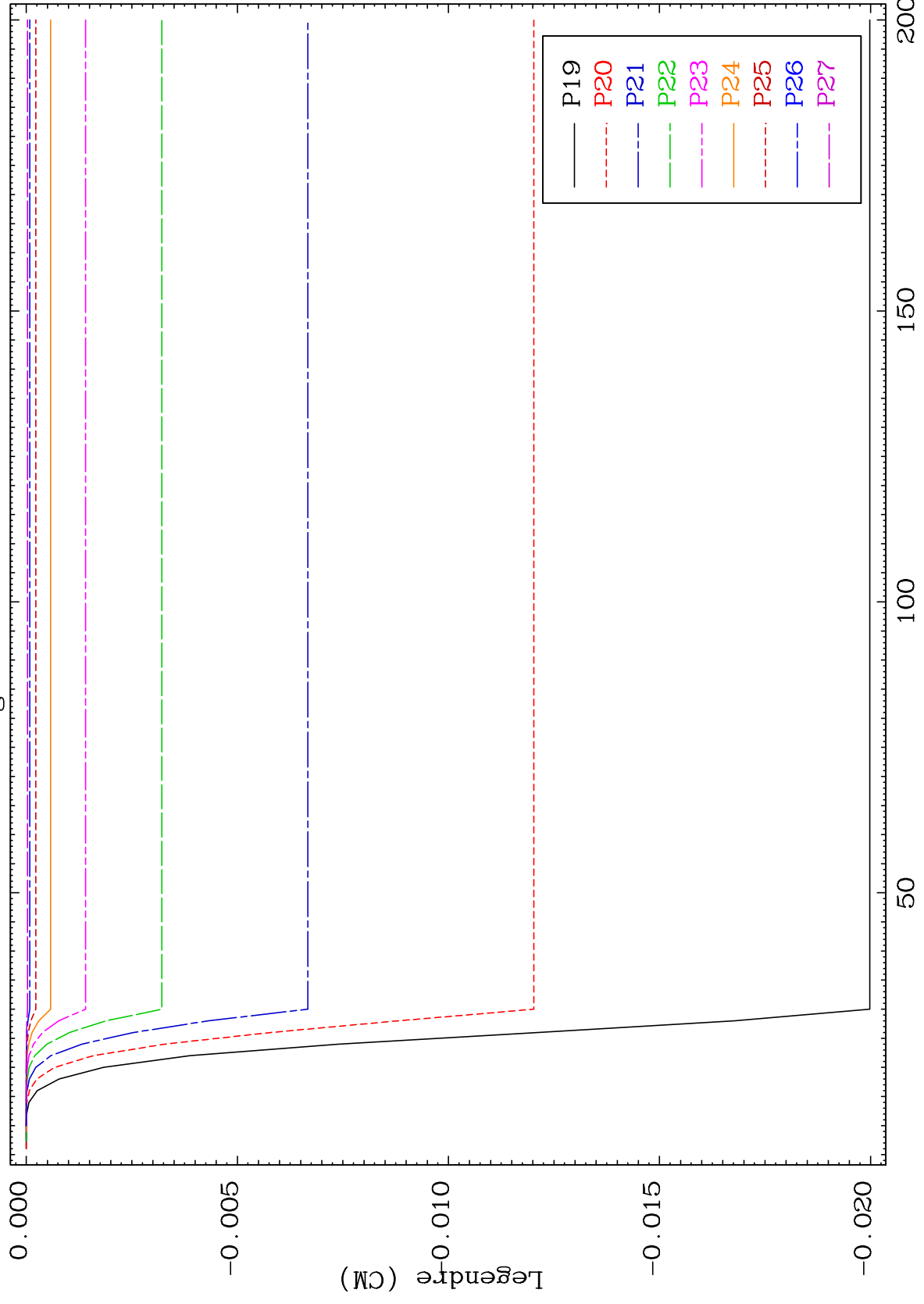
58-Ce-145

MAT 5852 MT= 75 (n,n') Level Legendre Coefficients 58-Ce-145



117 58-Ce-145

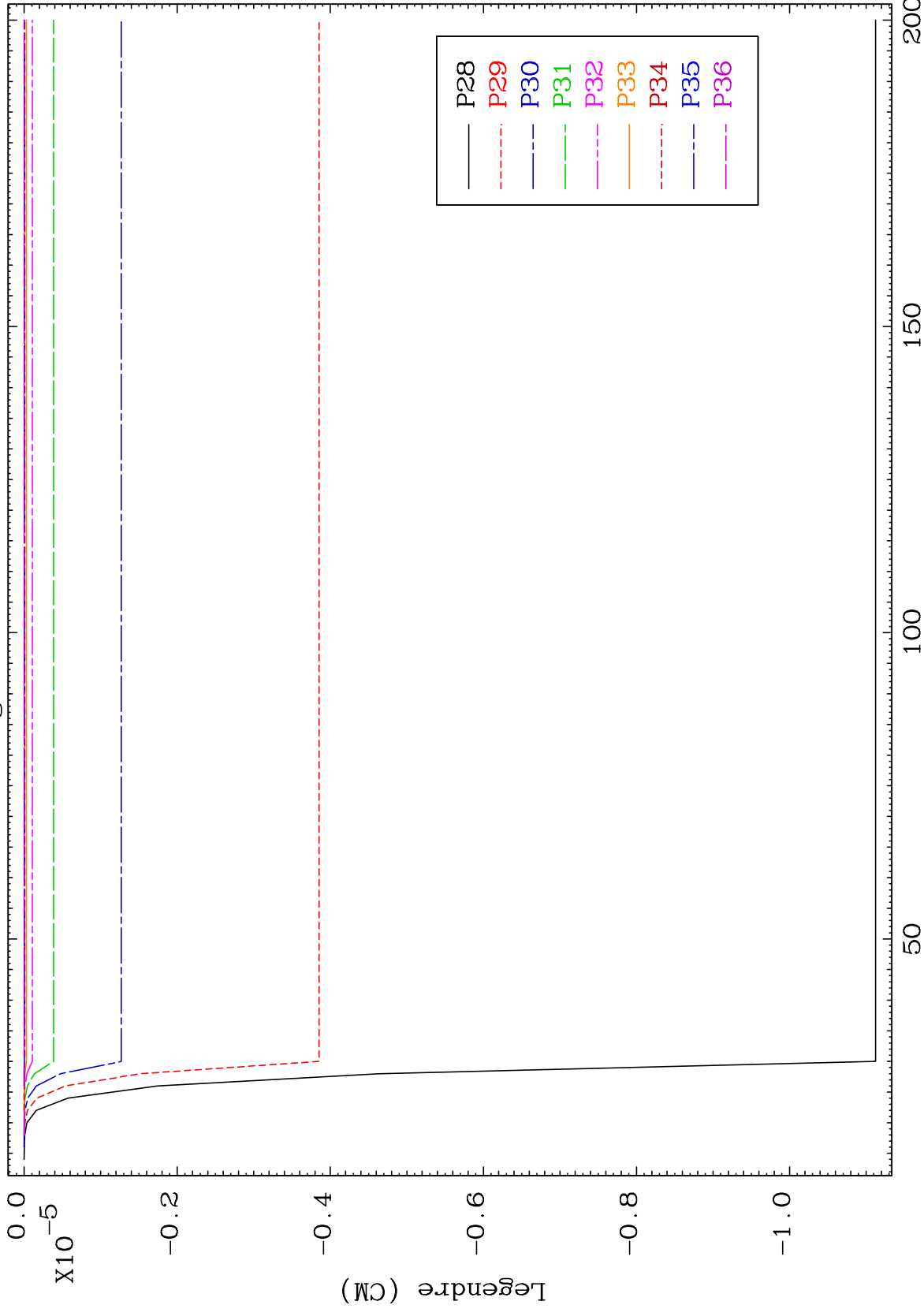
MAT 5852 MT= 75 (n,n') Level Legendre Coefficients 58-Ce-145



MAT 5852

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

58-Ce-145



58-Ce-145

Incident Energy (MeV)

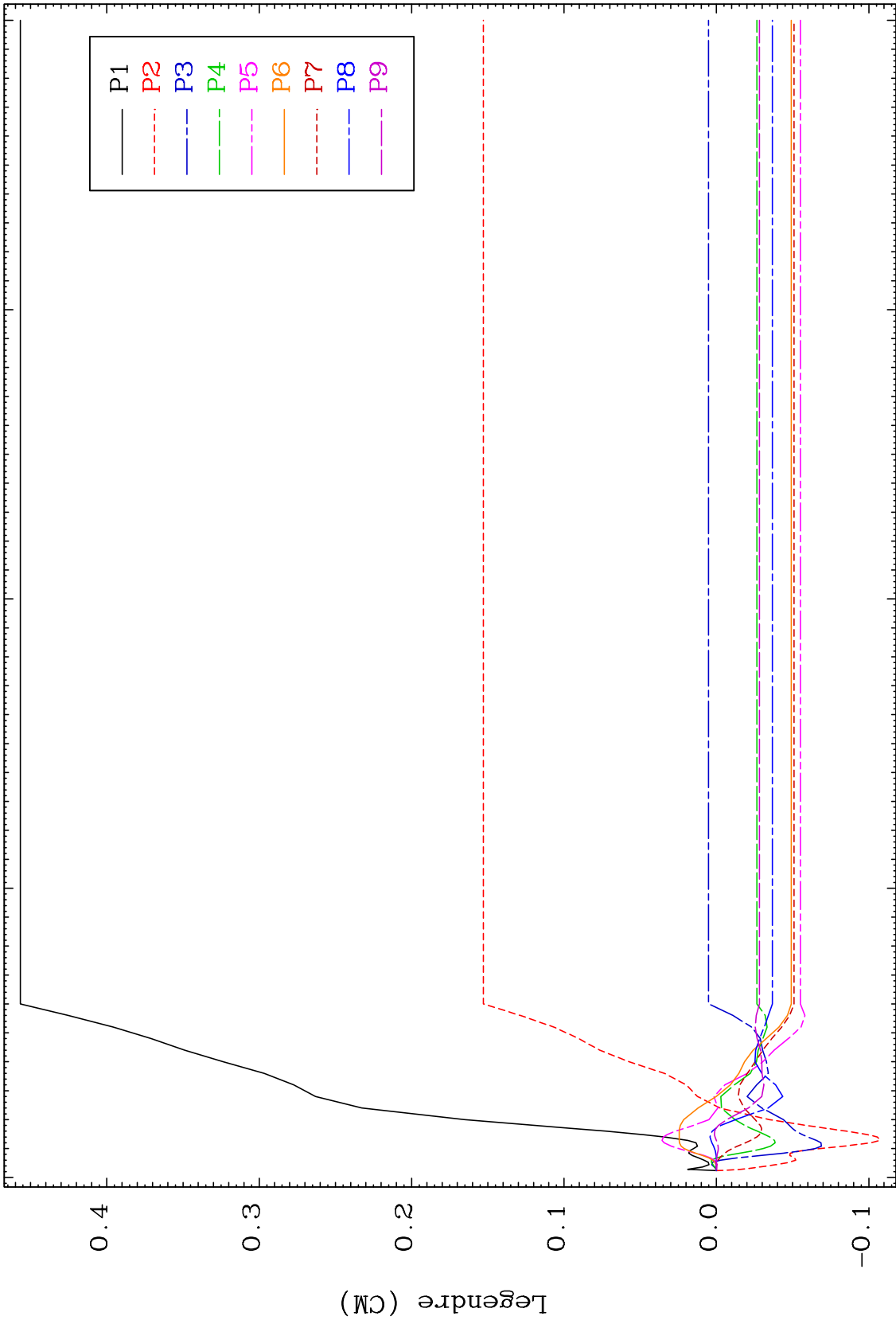
119



MAT 5852

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

58-Ce-145



58-Ce-145

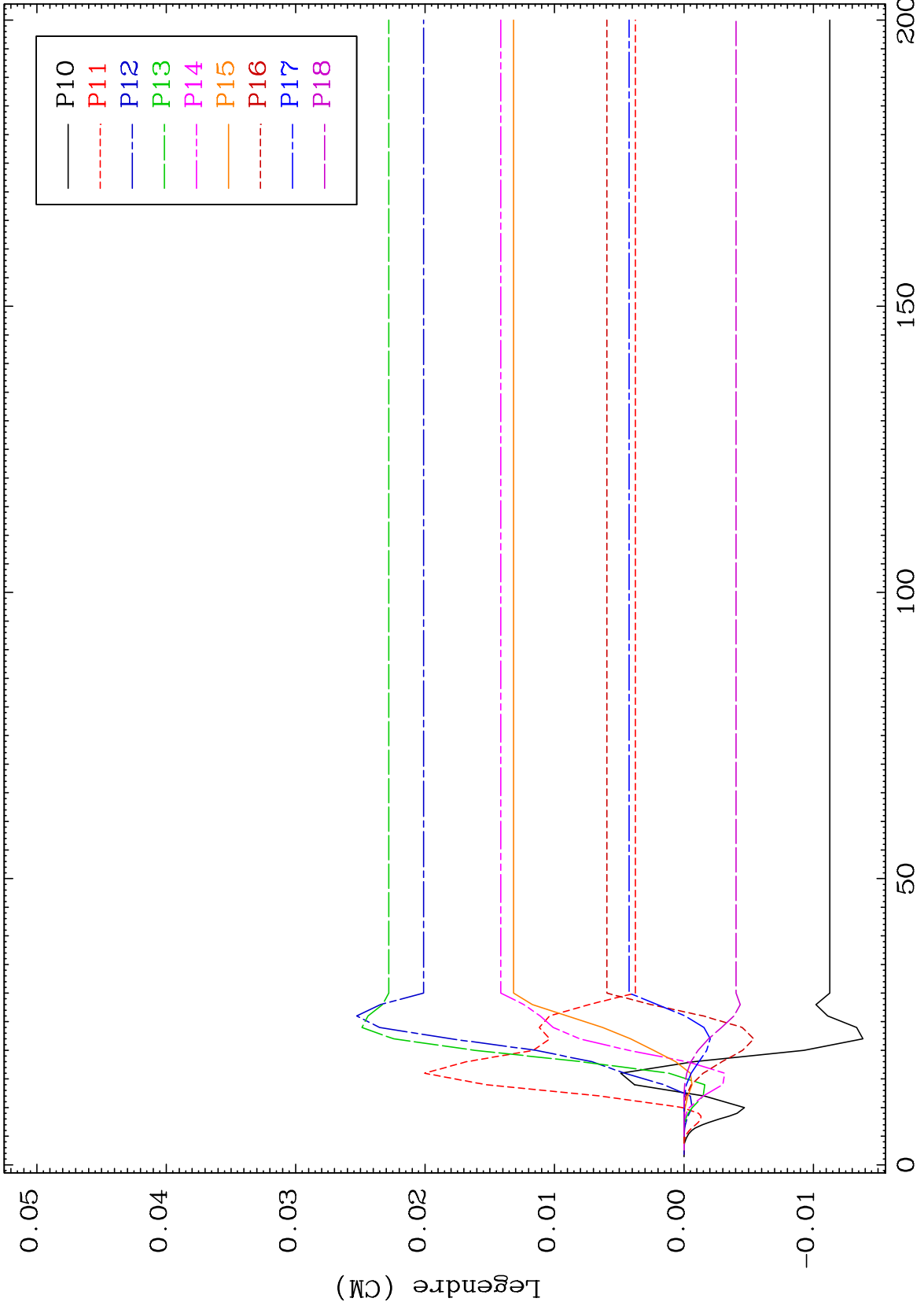
Incident Energy (MeV)

120

MAT 5852

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

58-Ce-145



121

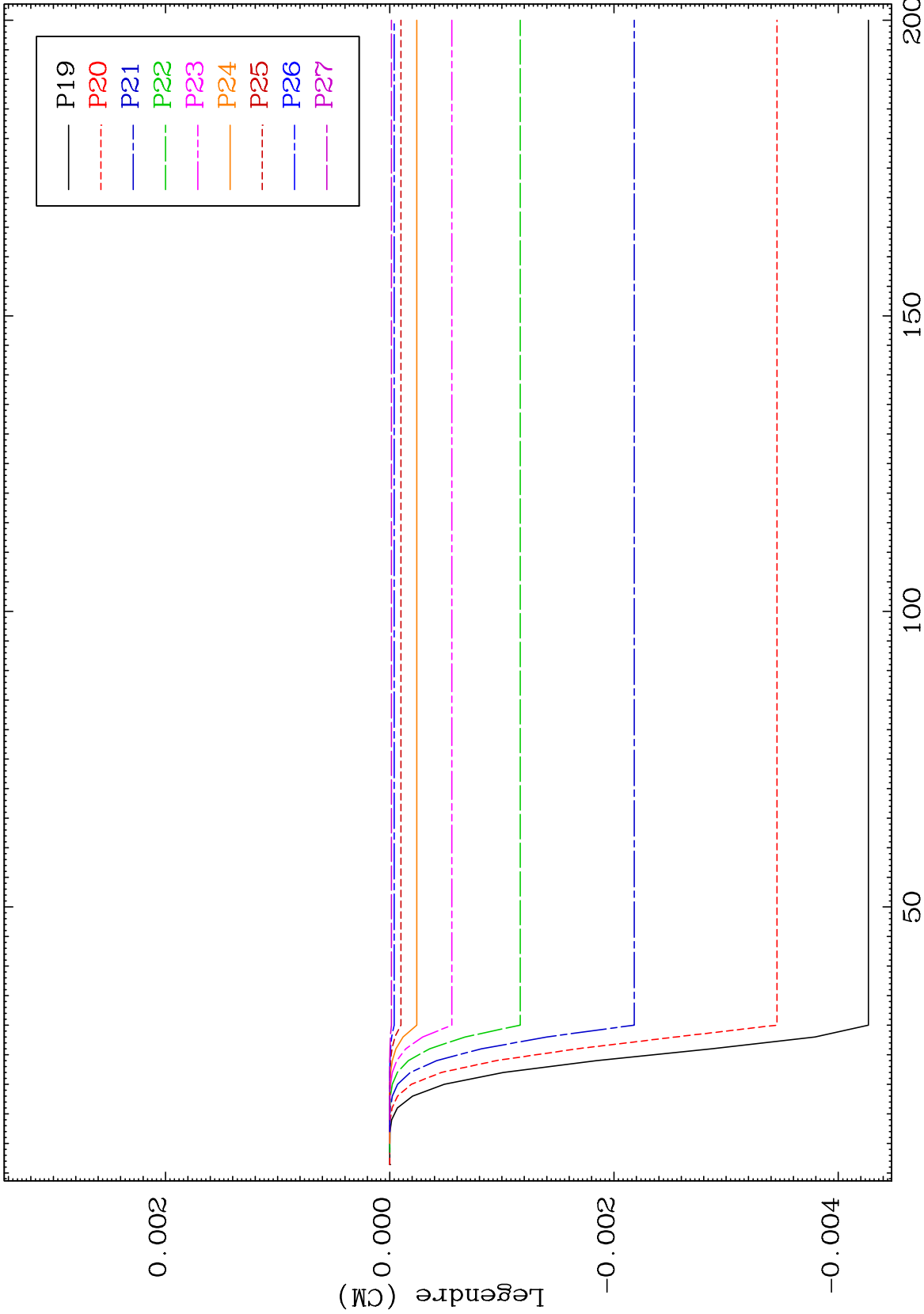
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



122

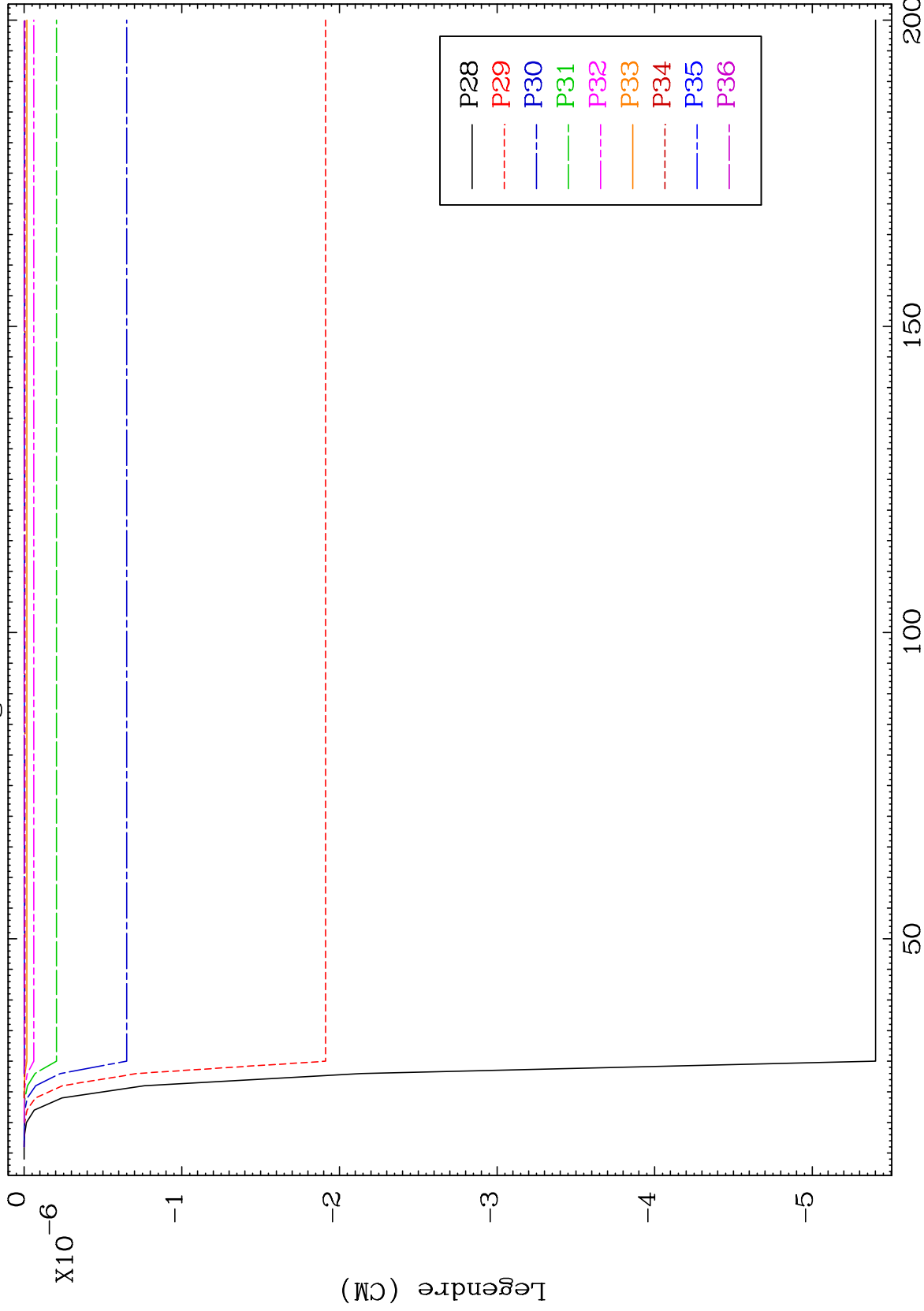
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



58-Ce-145

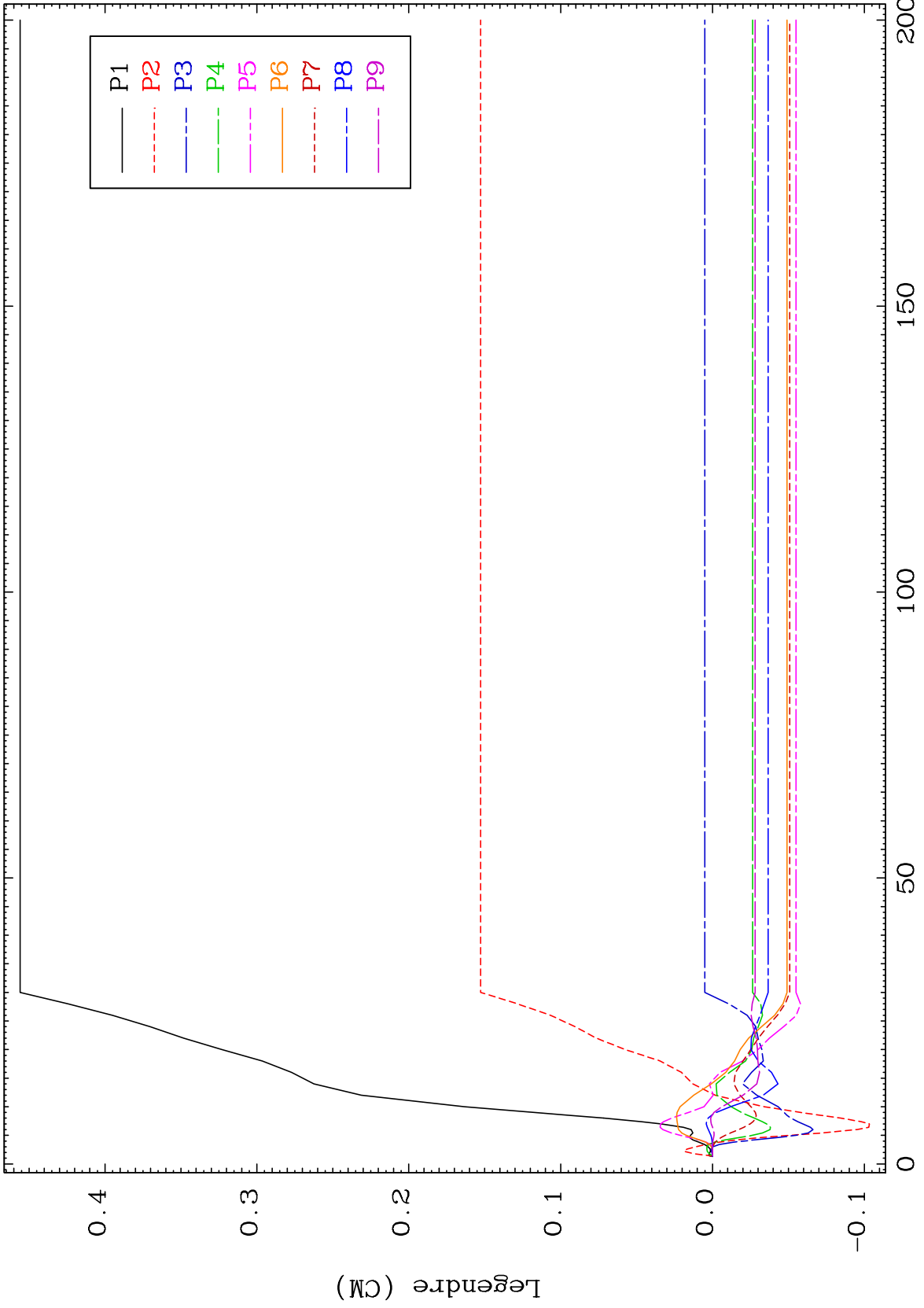
Incident Energy (MeV)

123

MAT 5852

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

58-Ce-145



58-Ce-145

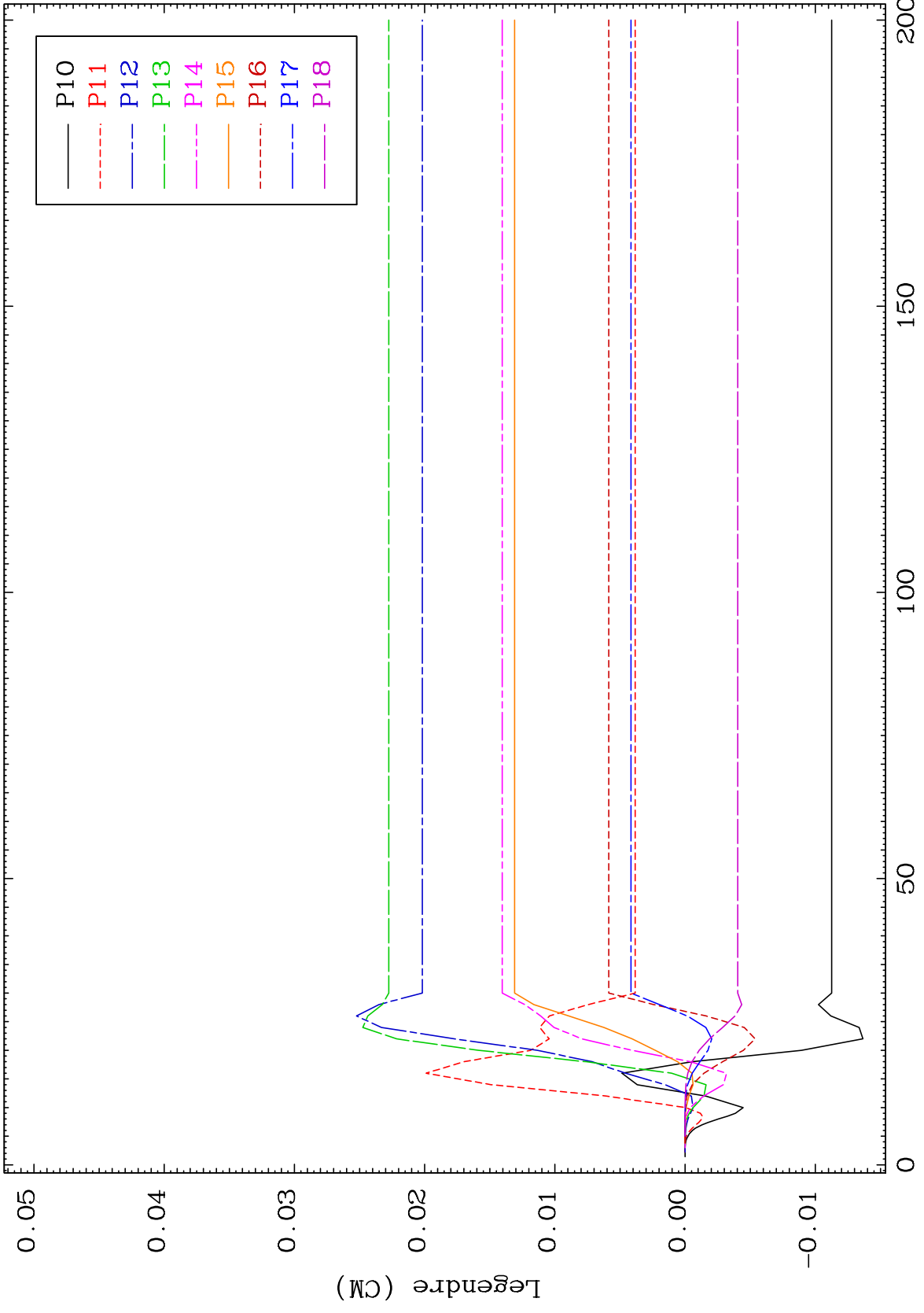
Incident Energy (MeV)

124

MAT 5852

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

58-Ce-145



58-Ce-145

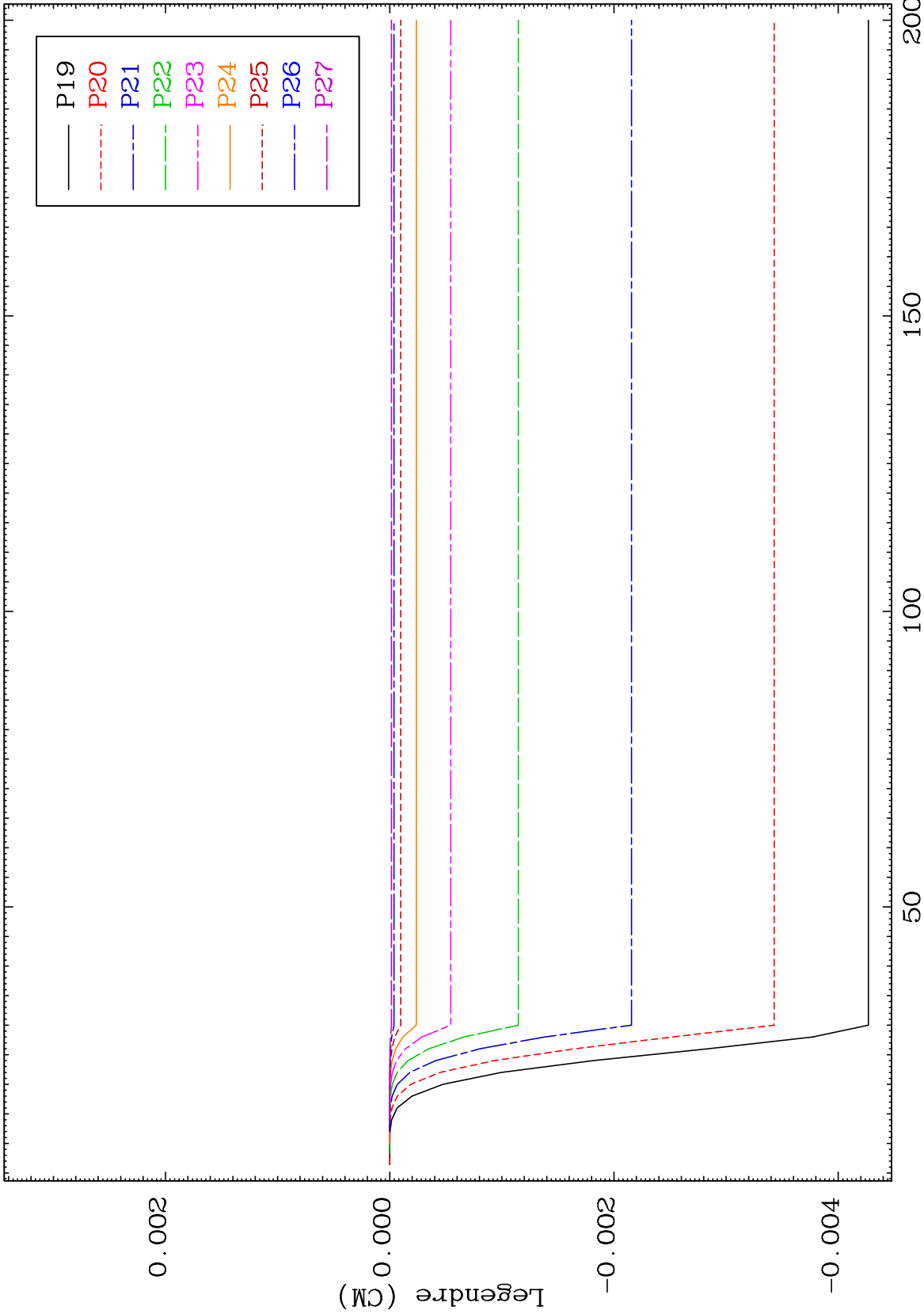
Incident Energy (MeV)

Legendre (CM)

MAT 5852

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

58-Ce-145

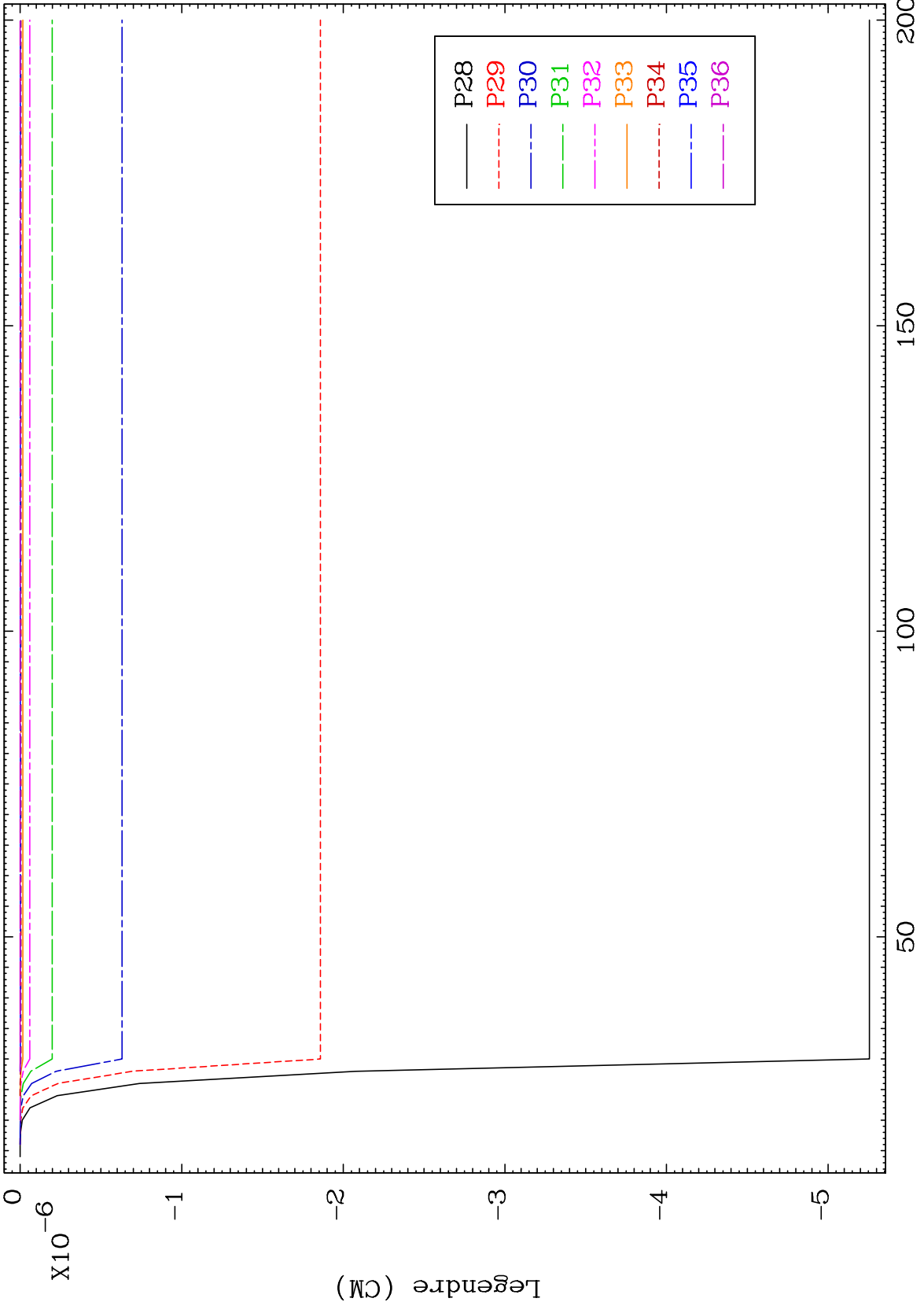


126

Incident Energy (MeV)

58-Ce-145

MAT 5852 MT= 77 (n,n') Level Legendre Coefficients 58-Ce-145



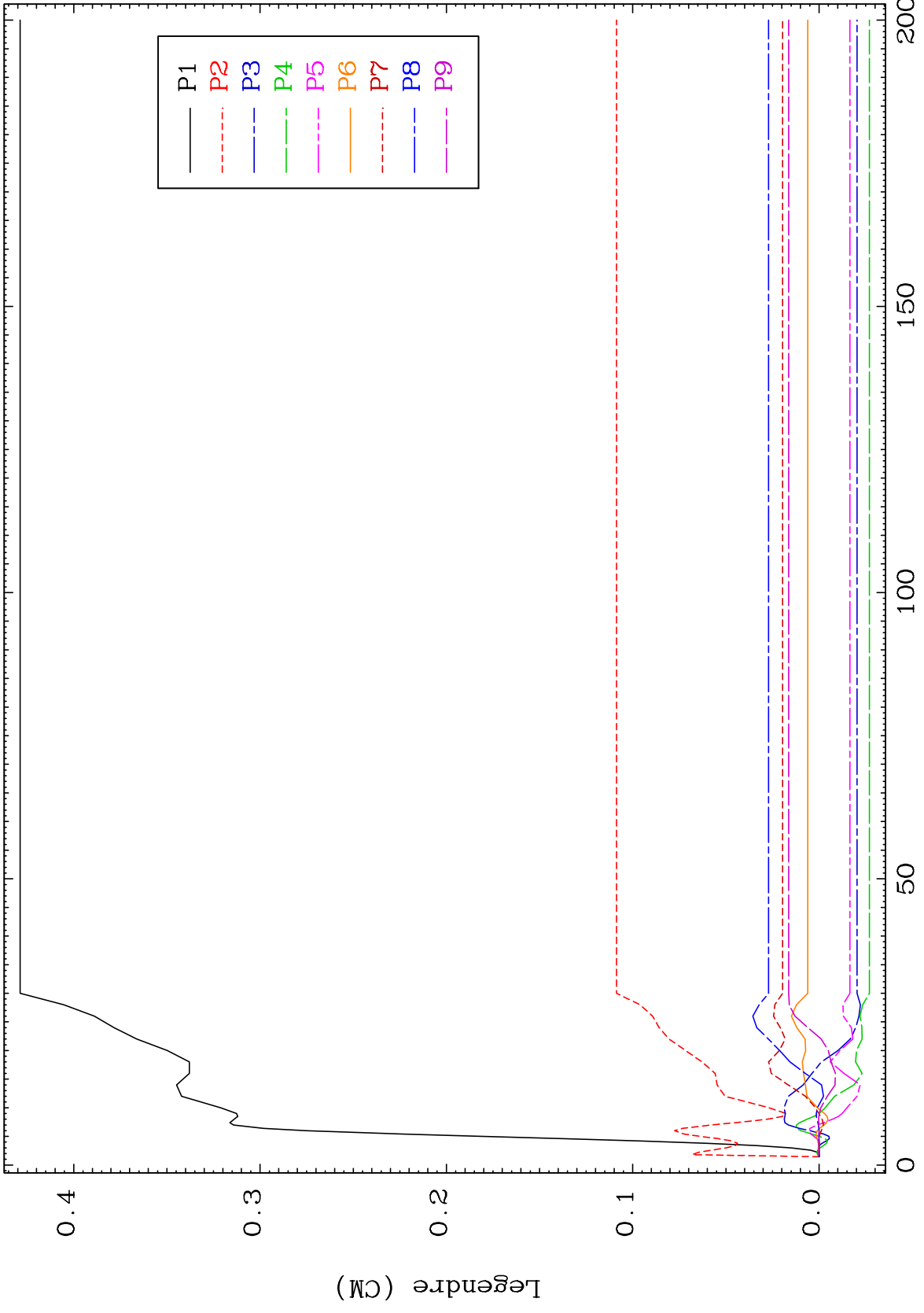
127 58-Ce-145



MAT 5852

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

58-Ce-145



128

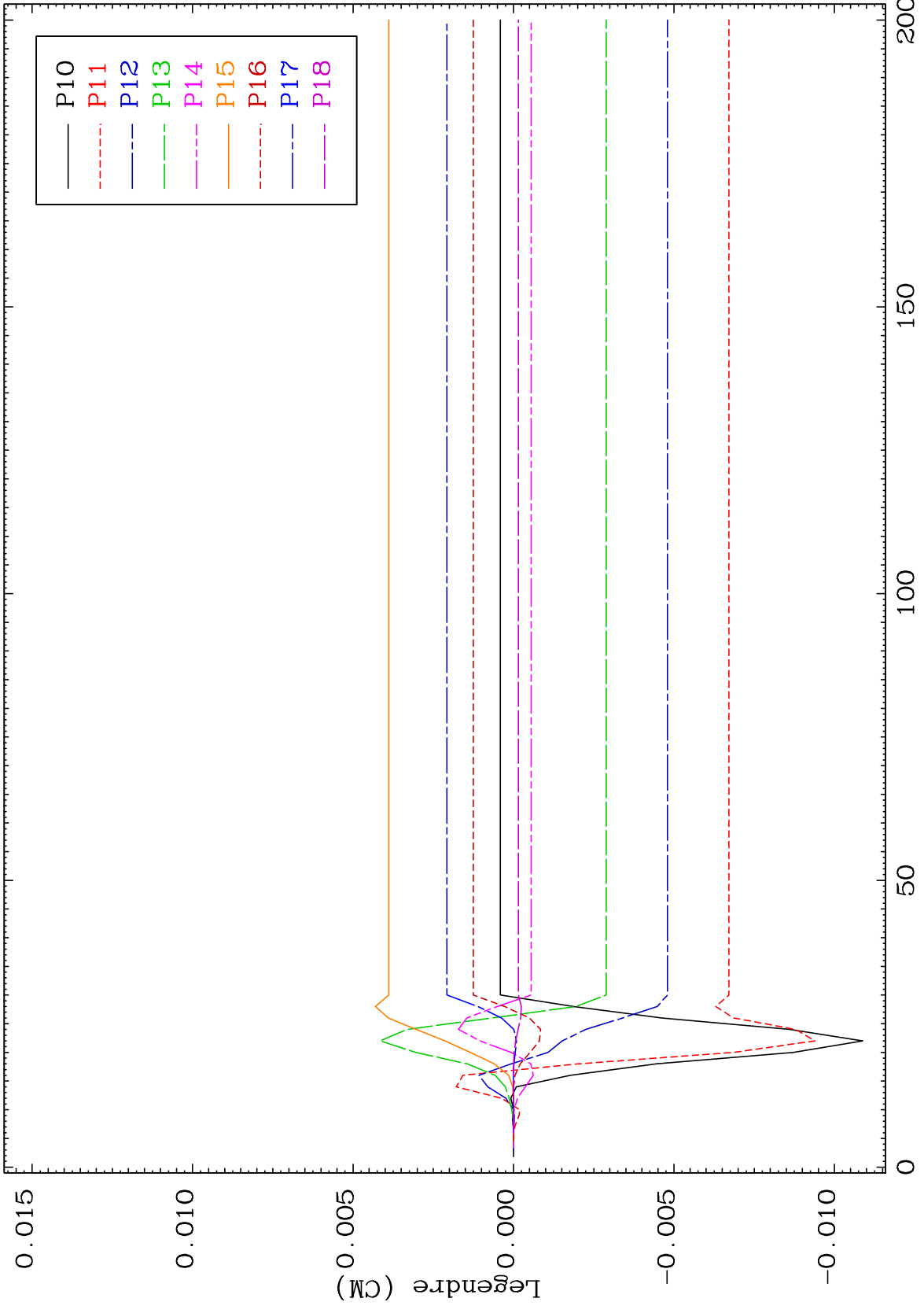
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



129

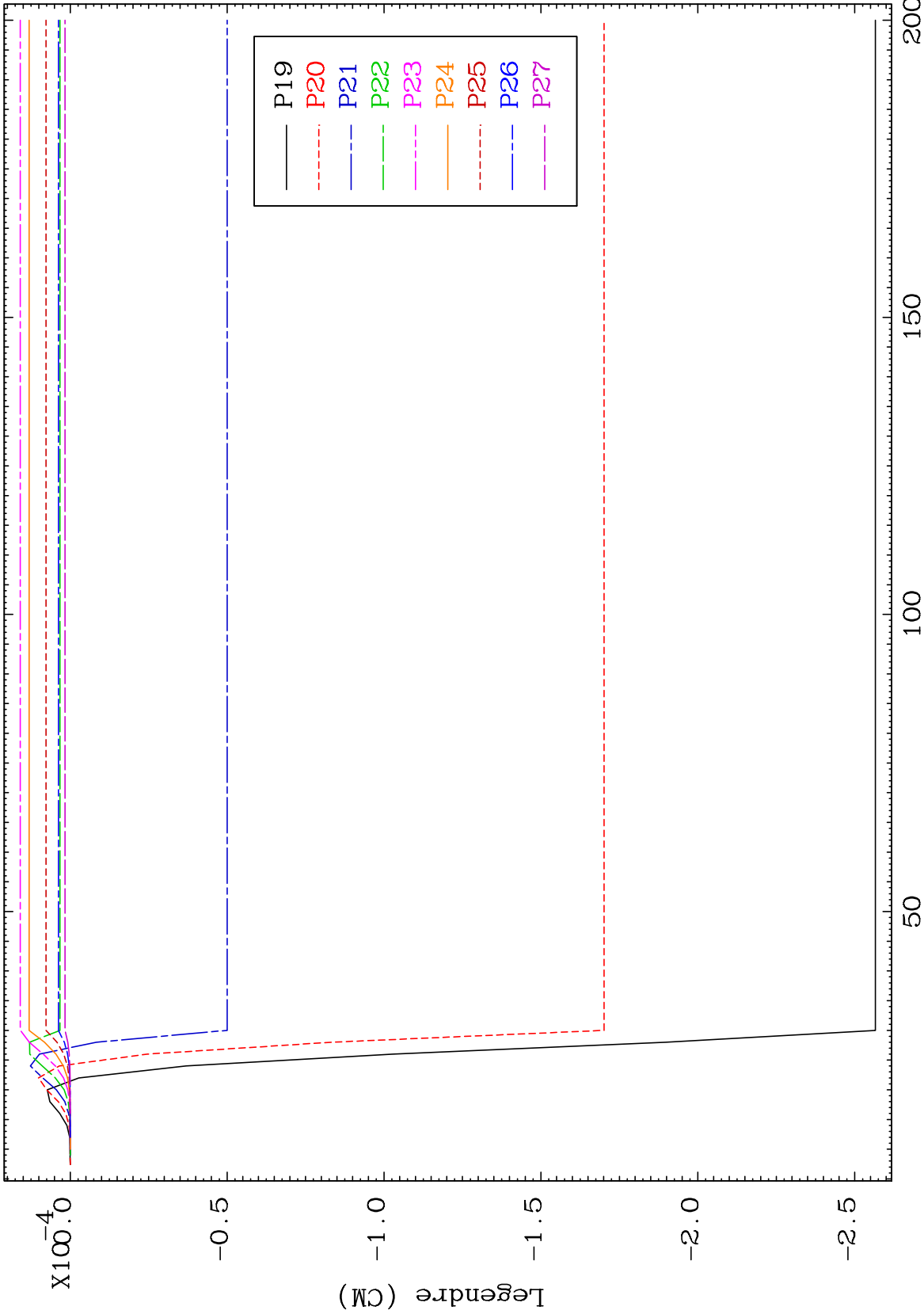
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



130

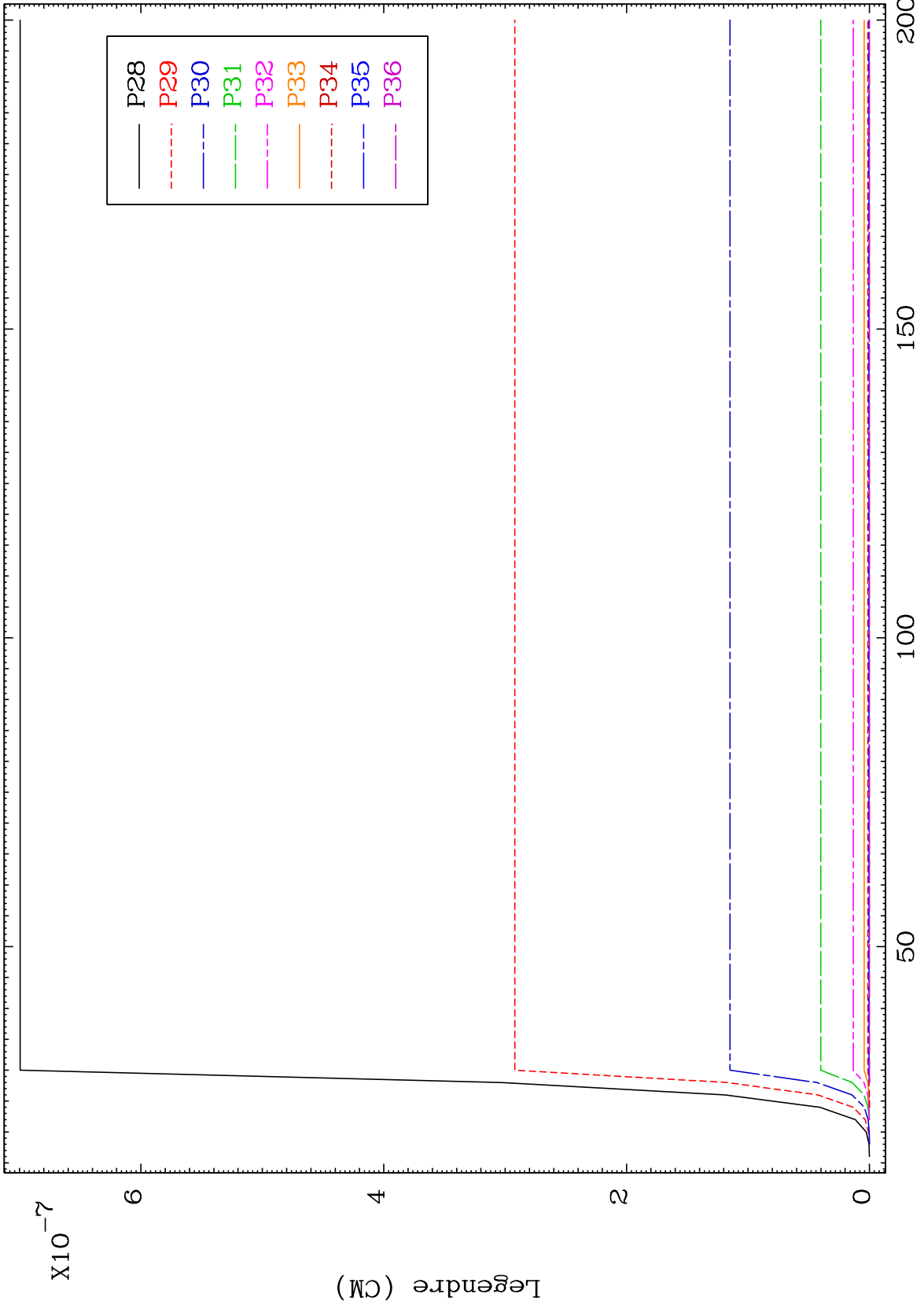
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



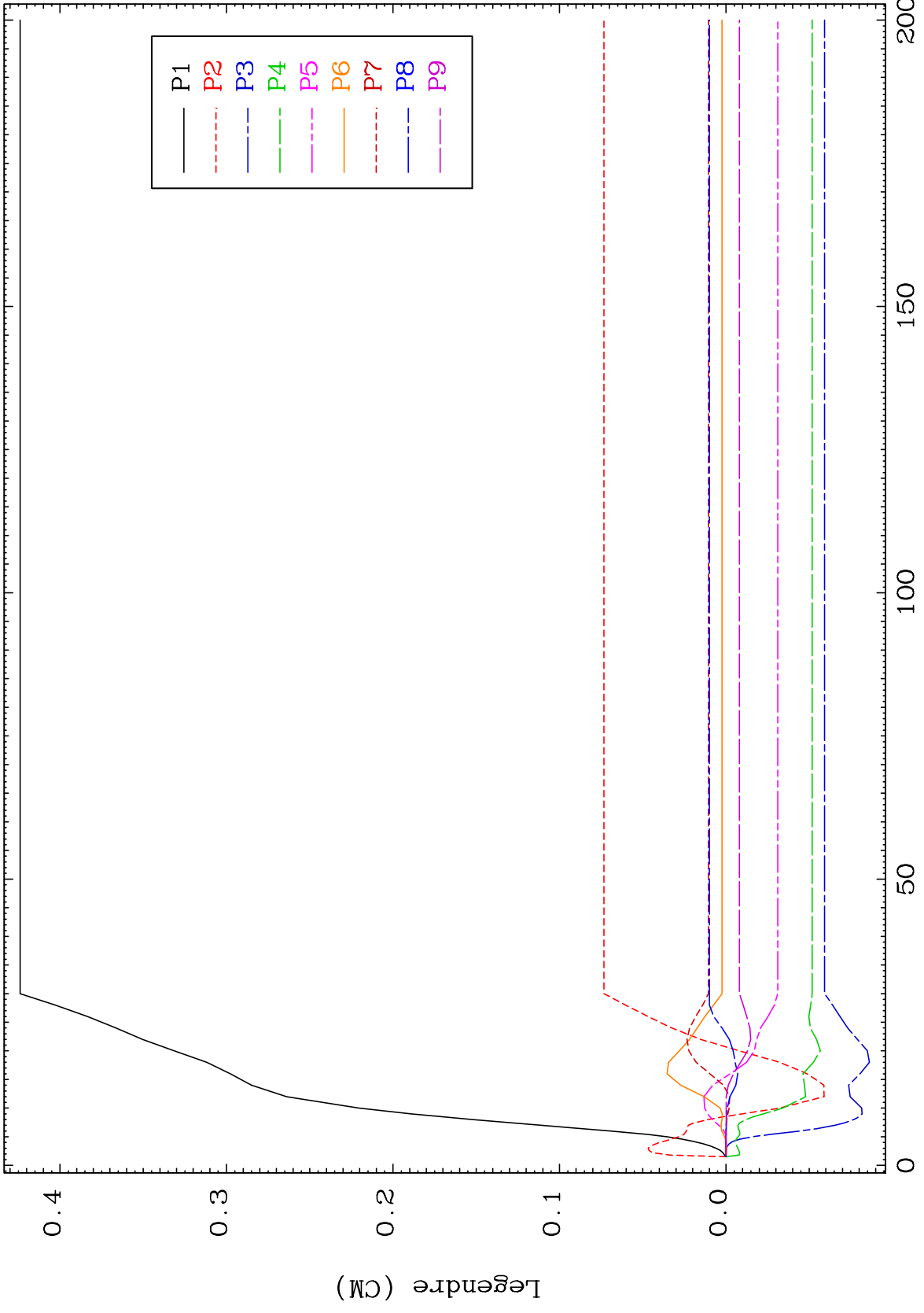
131

58-Ce-145

MAT 5852

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

58-Ce-145



132

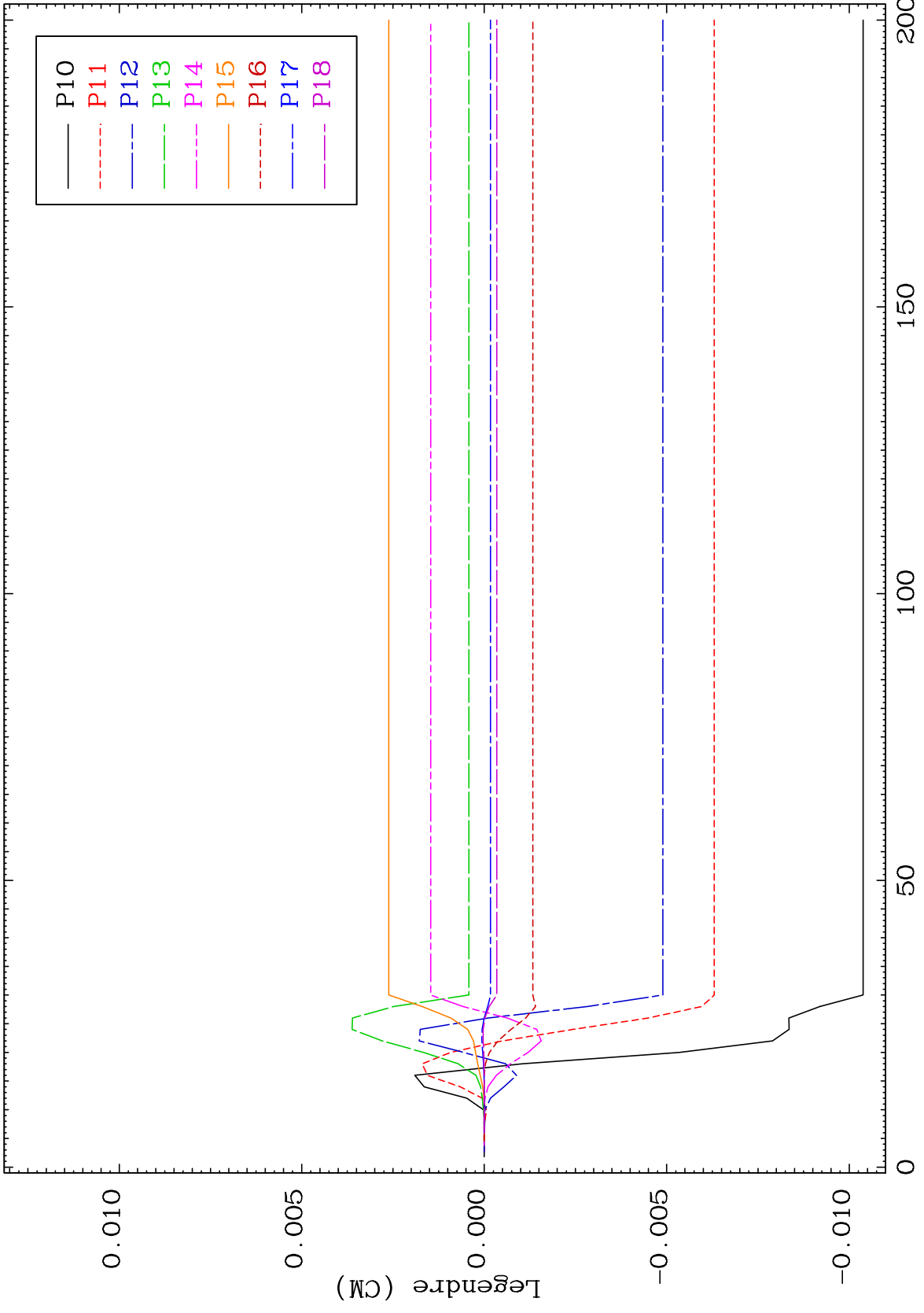
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



133

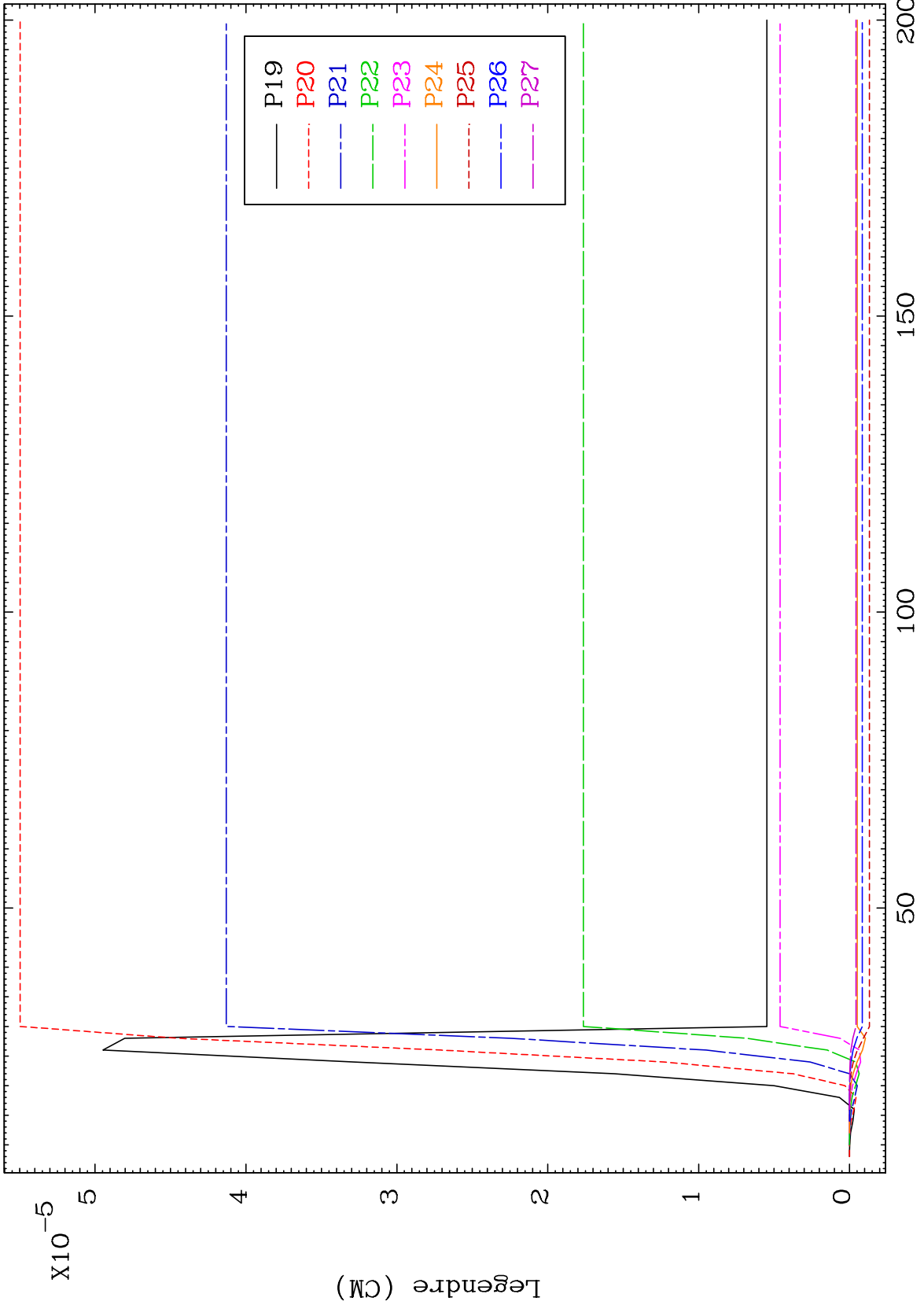
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



134

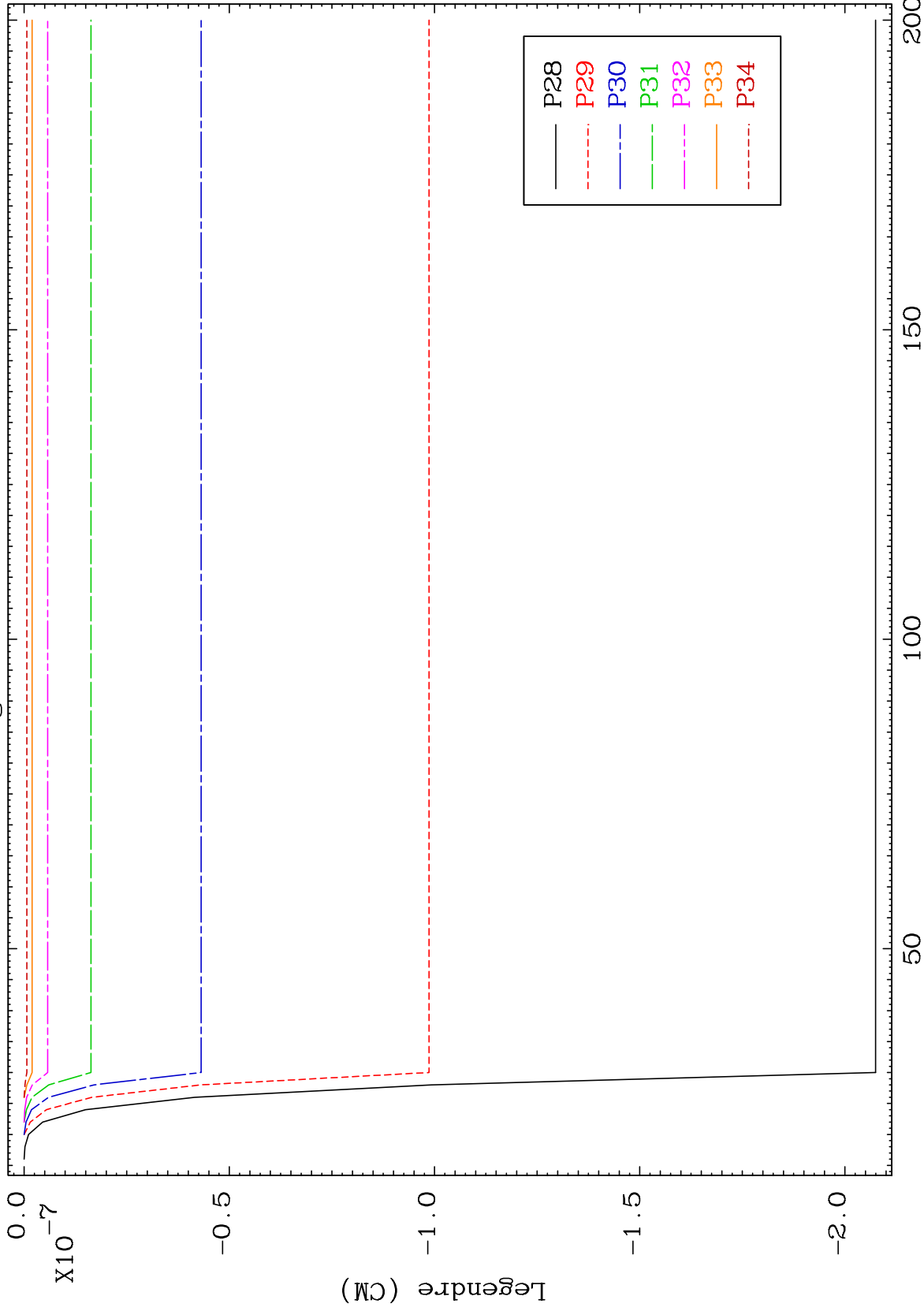
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



58-Ce-145

Incident Energy (MeV)

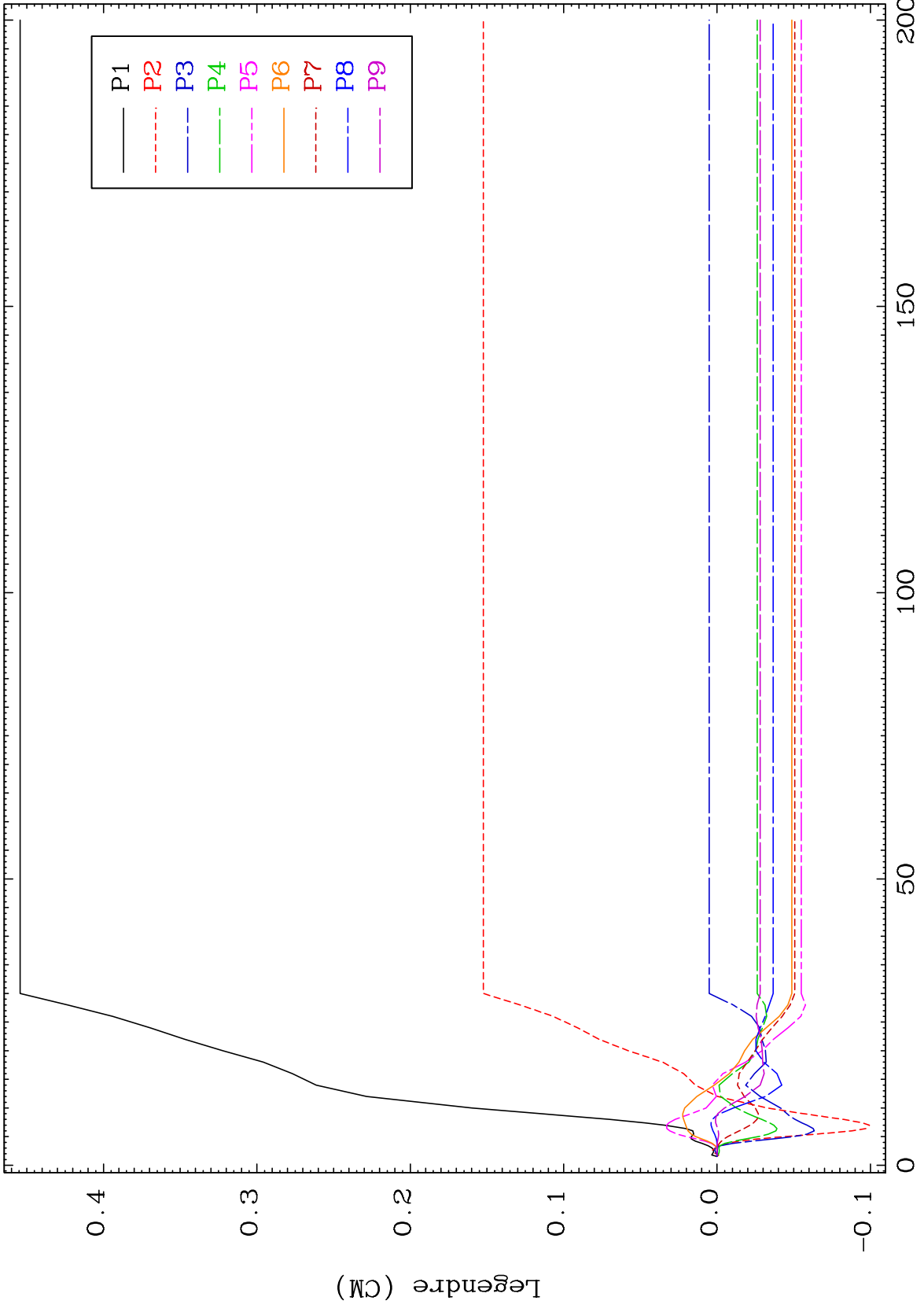
135



MAT 5852

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

58-Ce-145



136

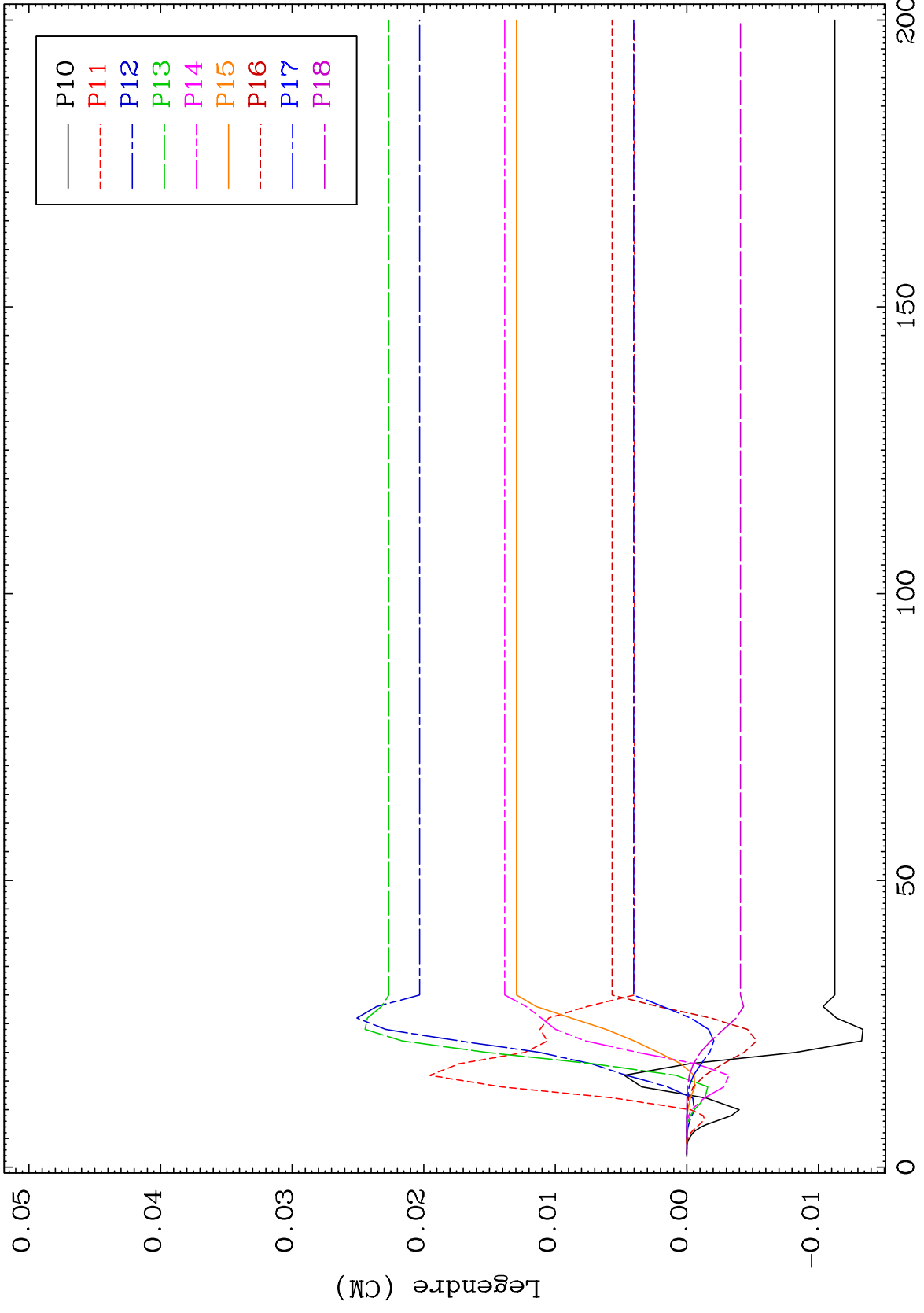
Incident Energy (MeV)

58-Ce-145

MAT 5852

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

58-Ce-145



58-Ce-145

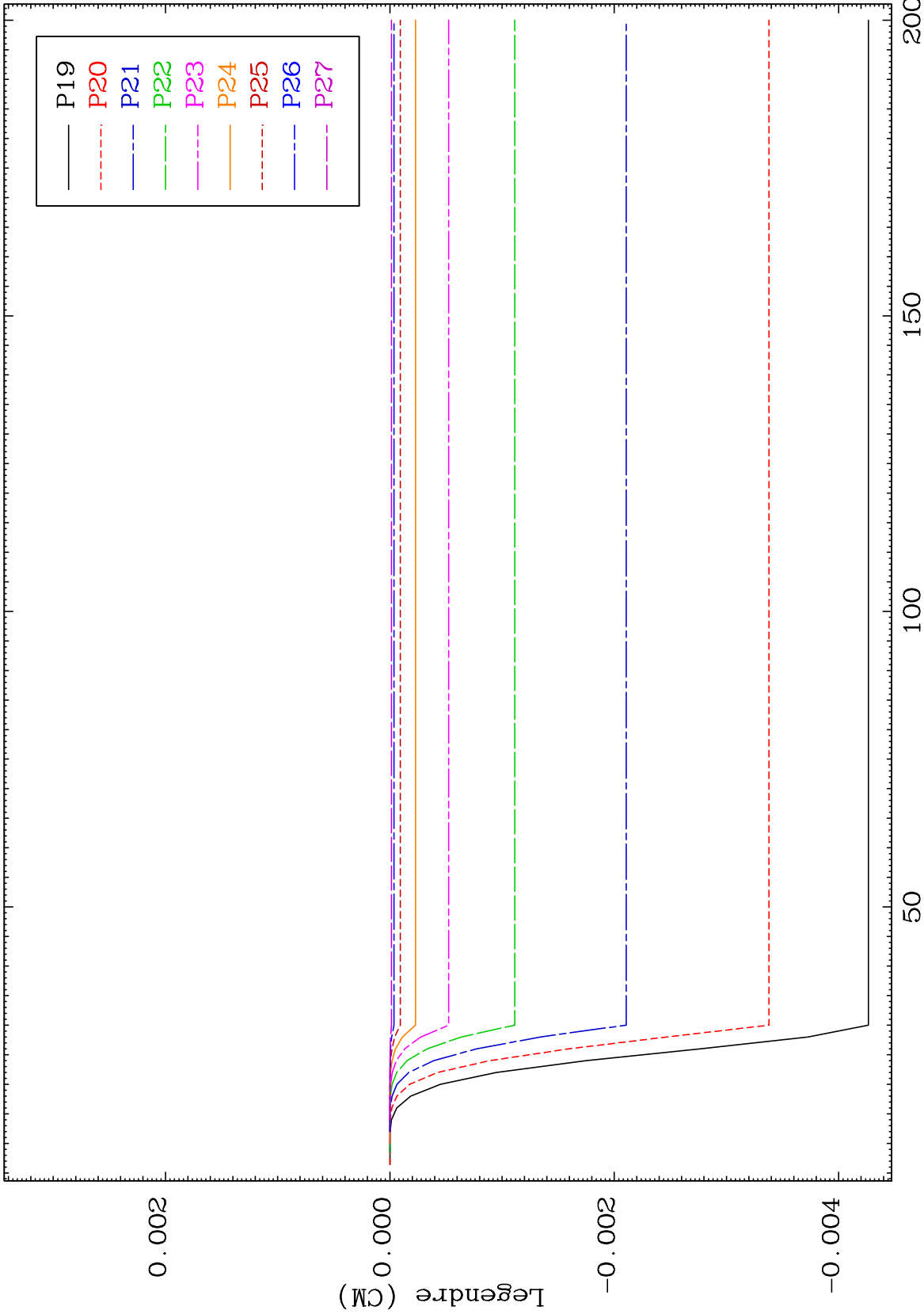
Incident Energy (MeV)

137

MAT 5852

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

58-Ce-145

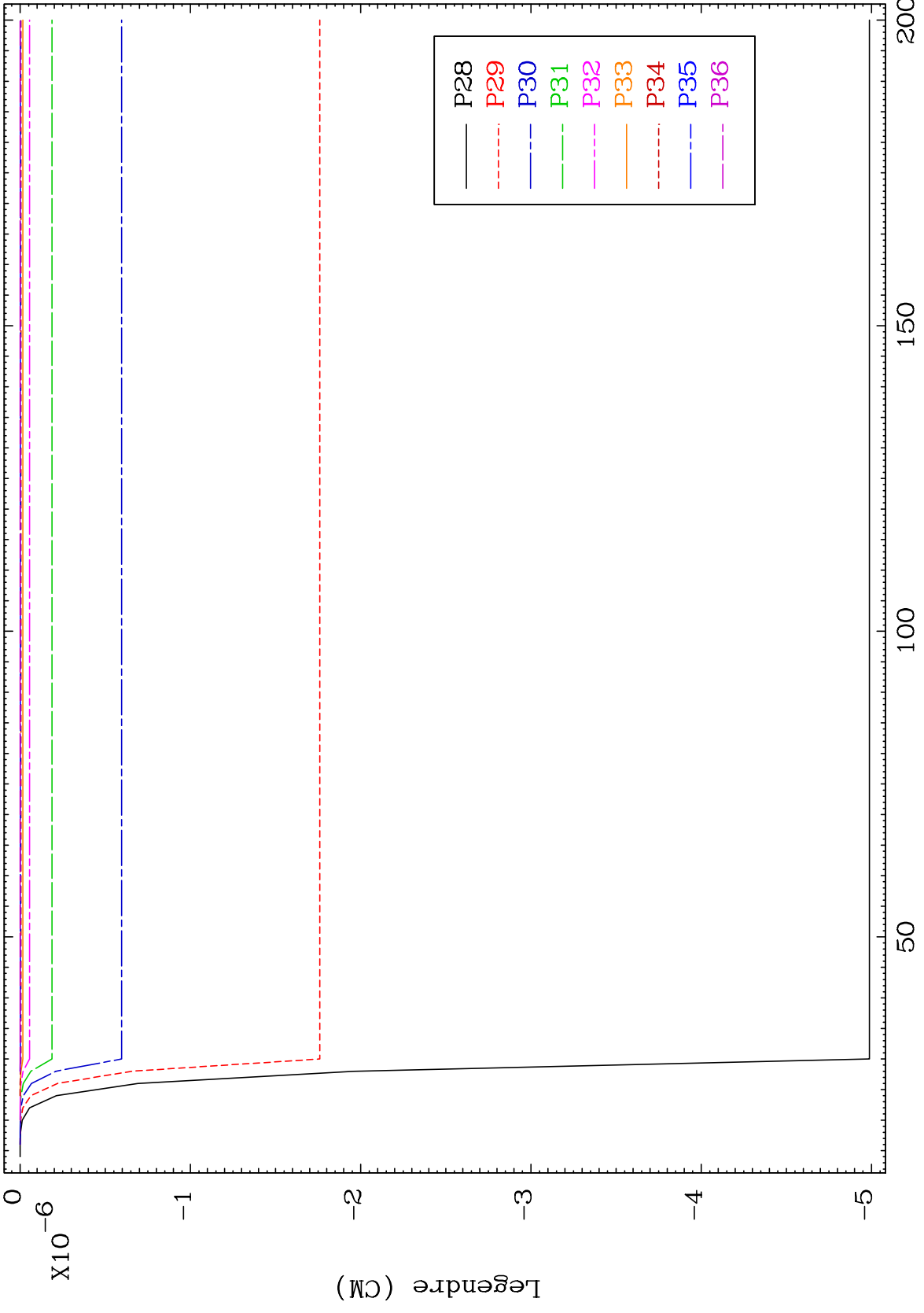


138

Incident Energy (MeV)

58-Ce-145

MAT 5852 MT= 80 (n,n') Level Legendre Coefficients 58-Ce-145



139 58-Ce-145