

Program EVALPLOT
(Version 2018-1)

by

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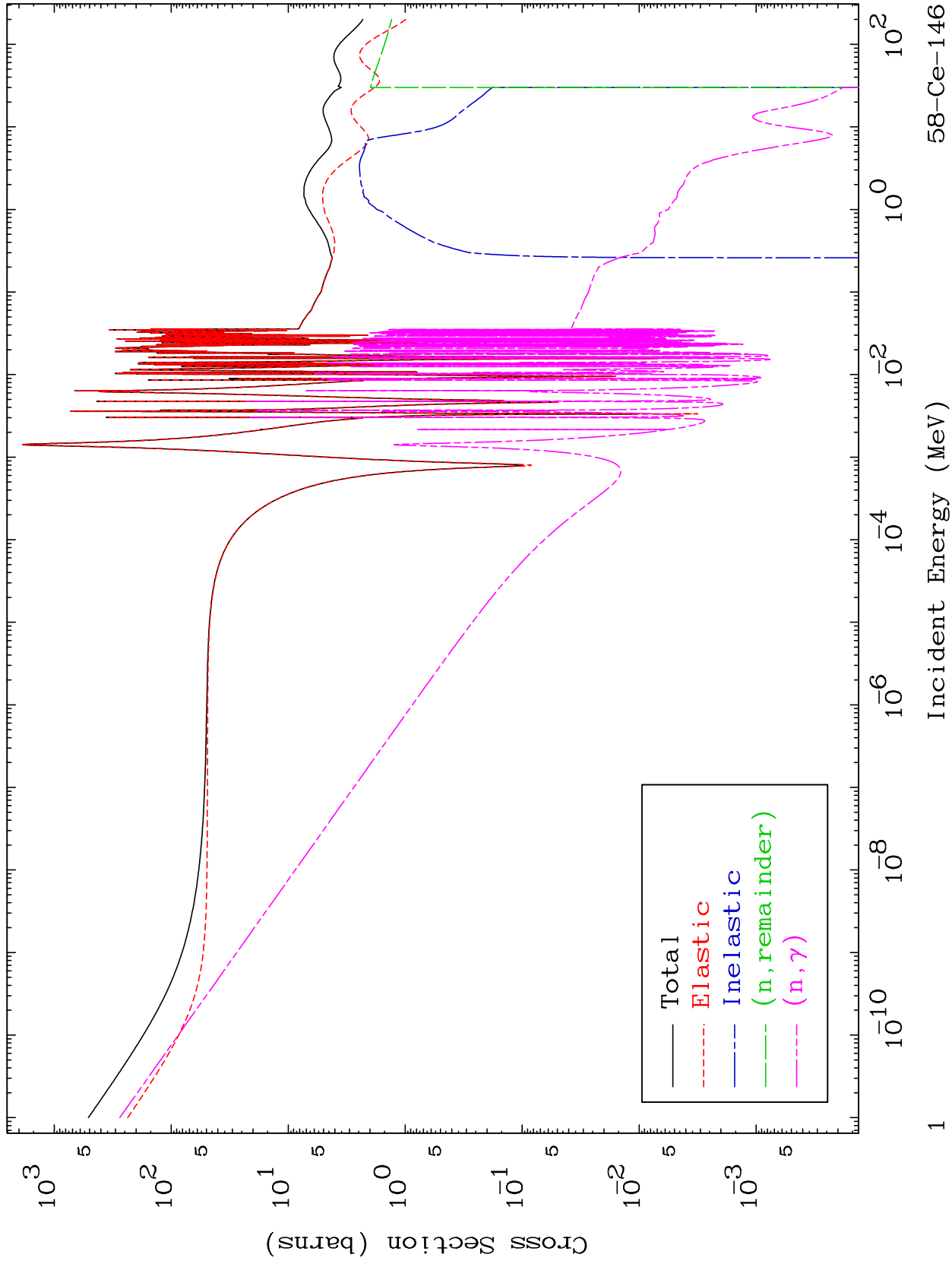
Press Mouse Button to Start

MAT 5855

Major

293 Kelvin Cross Sections

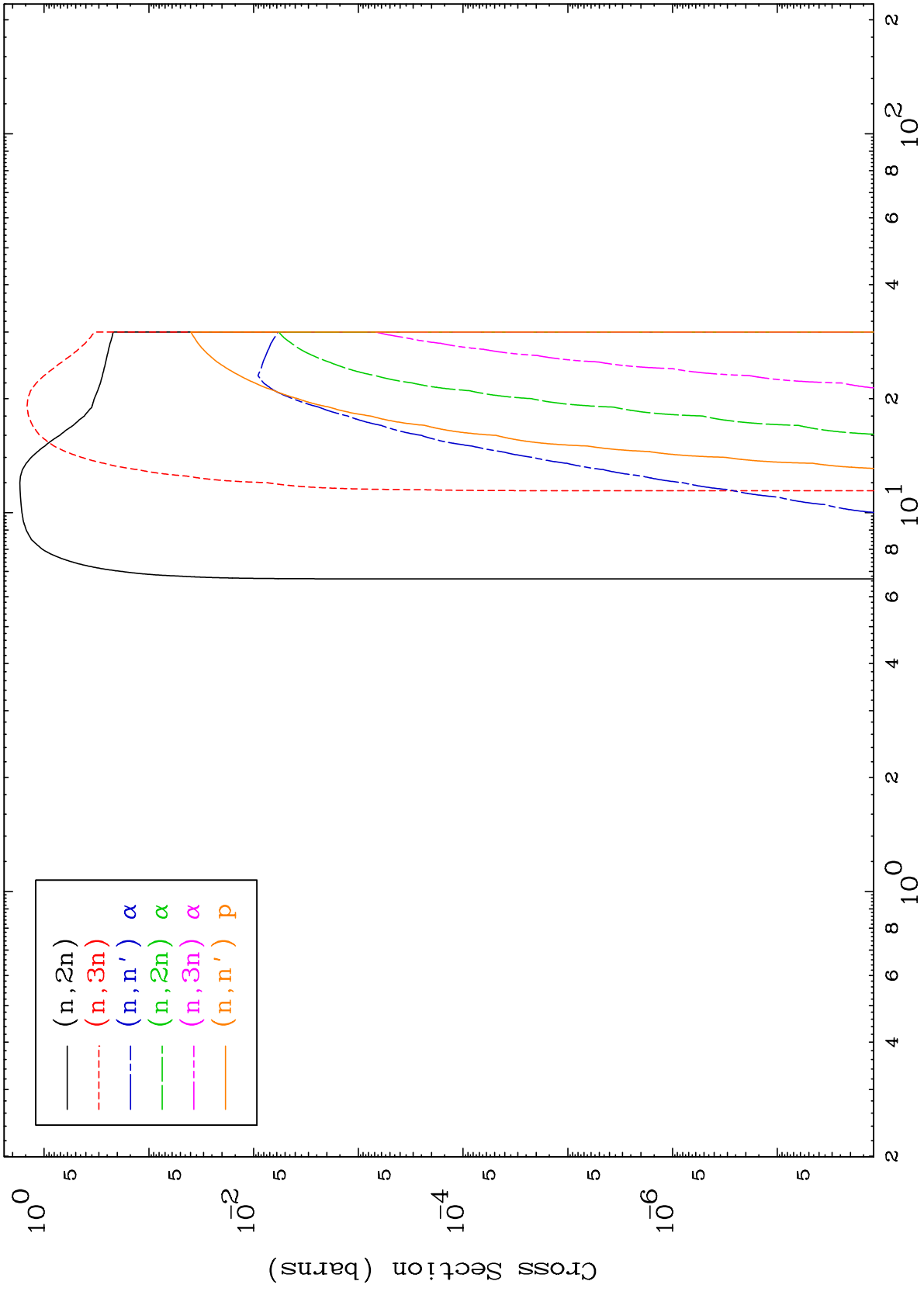
58-Ce-146



MAT 5855

Neutron Production
293 Kelvin Cross Sections

58-Ce-146



2

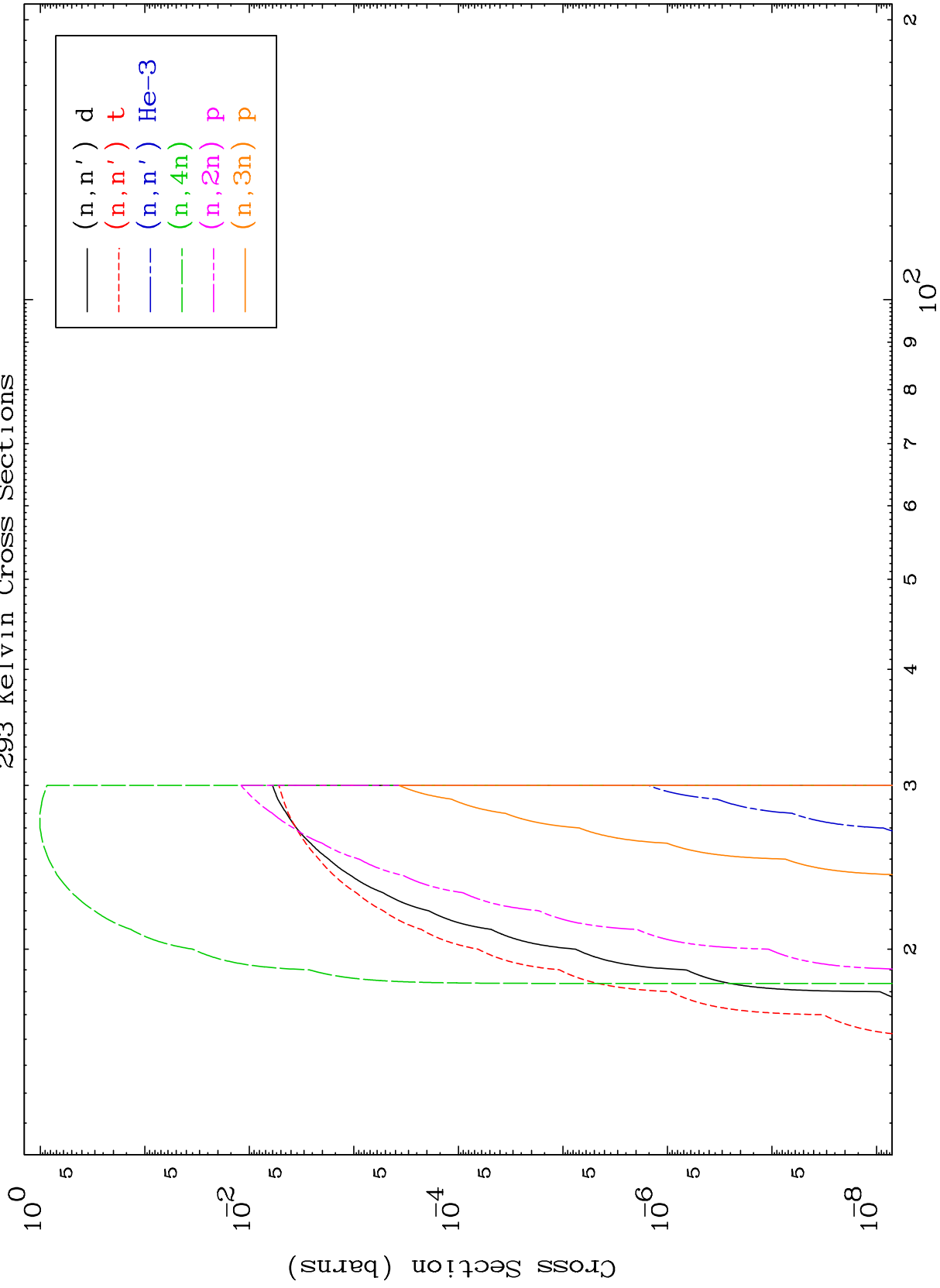
Incident Energy (MeV)

58-Ce-146

MAT 5855

Neutron Production 293 Kelvin Cross Sections

58-Ce-146



3

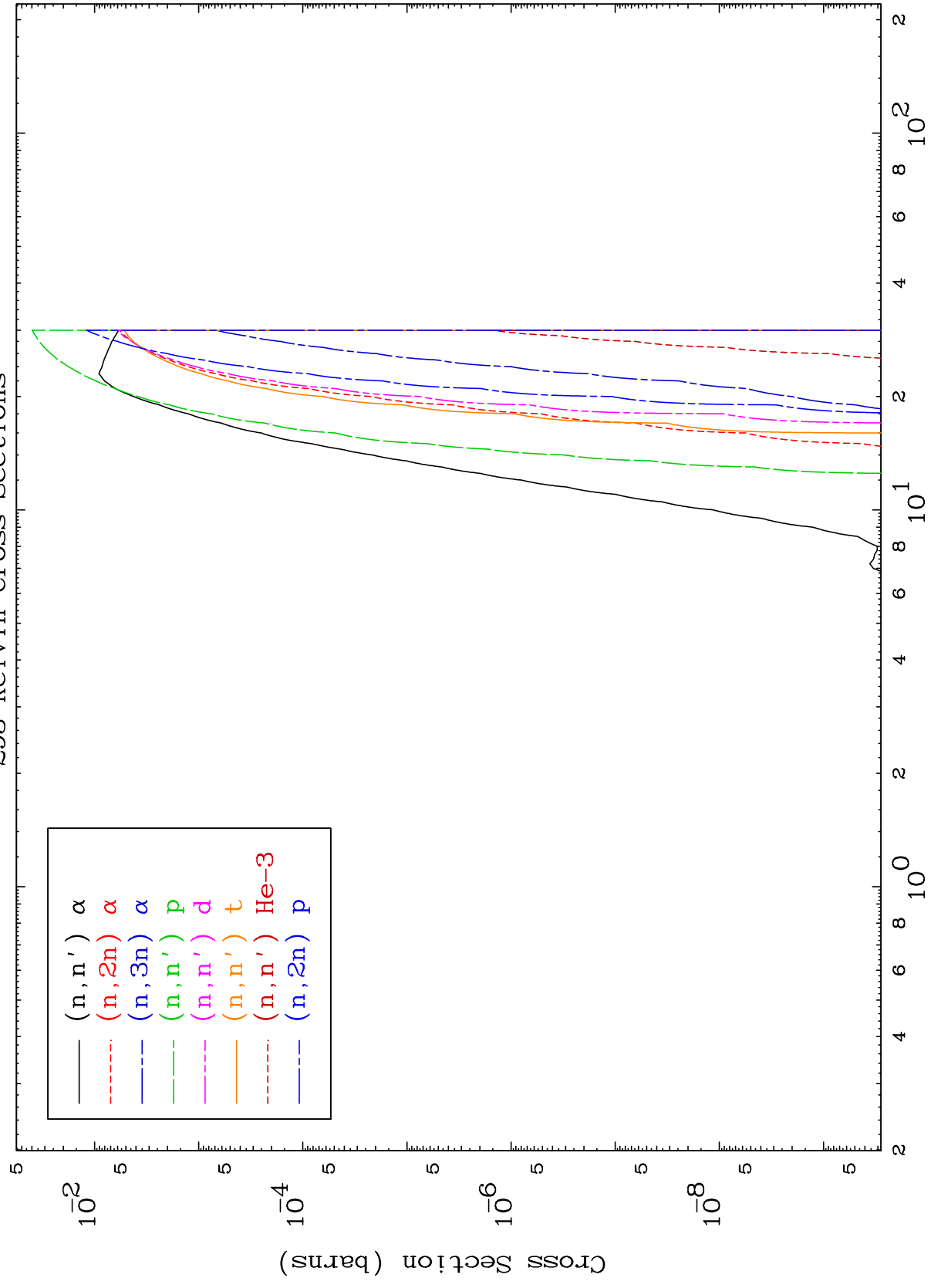
Incident Energy (MeV)

58-Ce-146

MAT 5855

293 Charged Particle
Kelvin Cross Sections

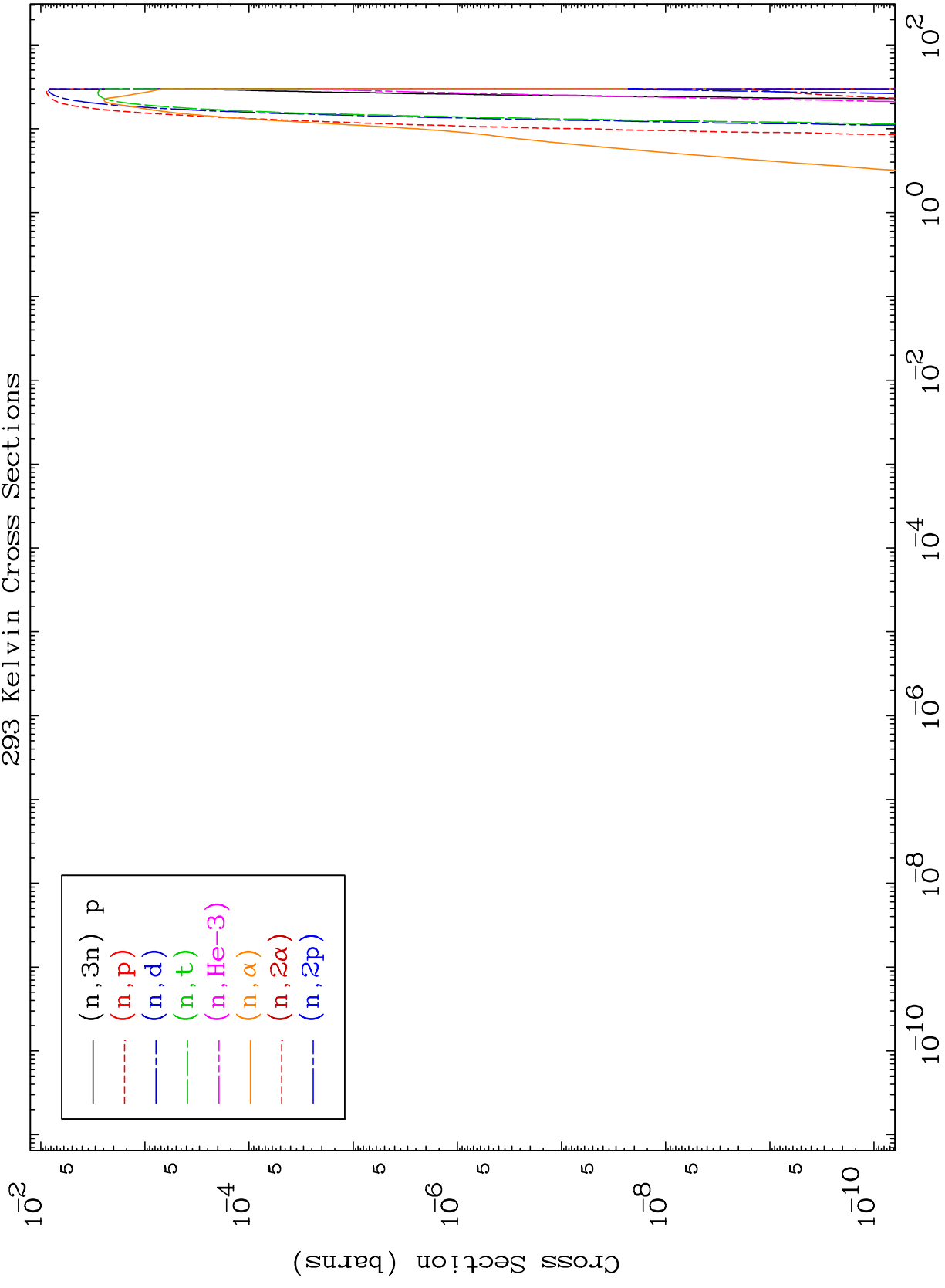
58-Ce-146



MAT 5855

293 Charged Particle
Kelvin Cross Sections

58-Ce-146



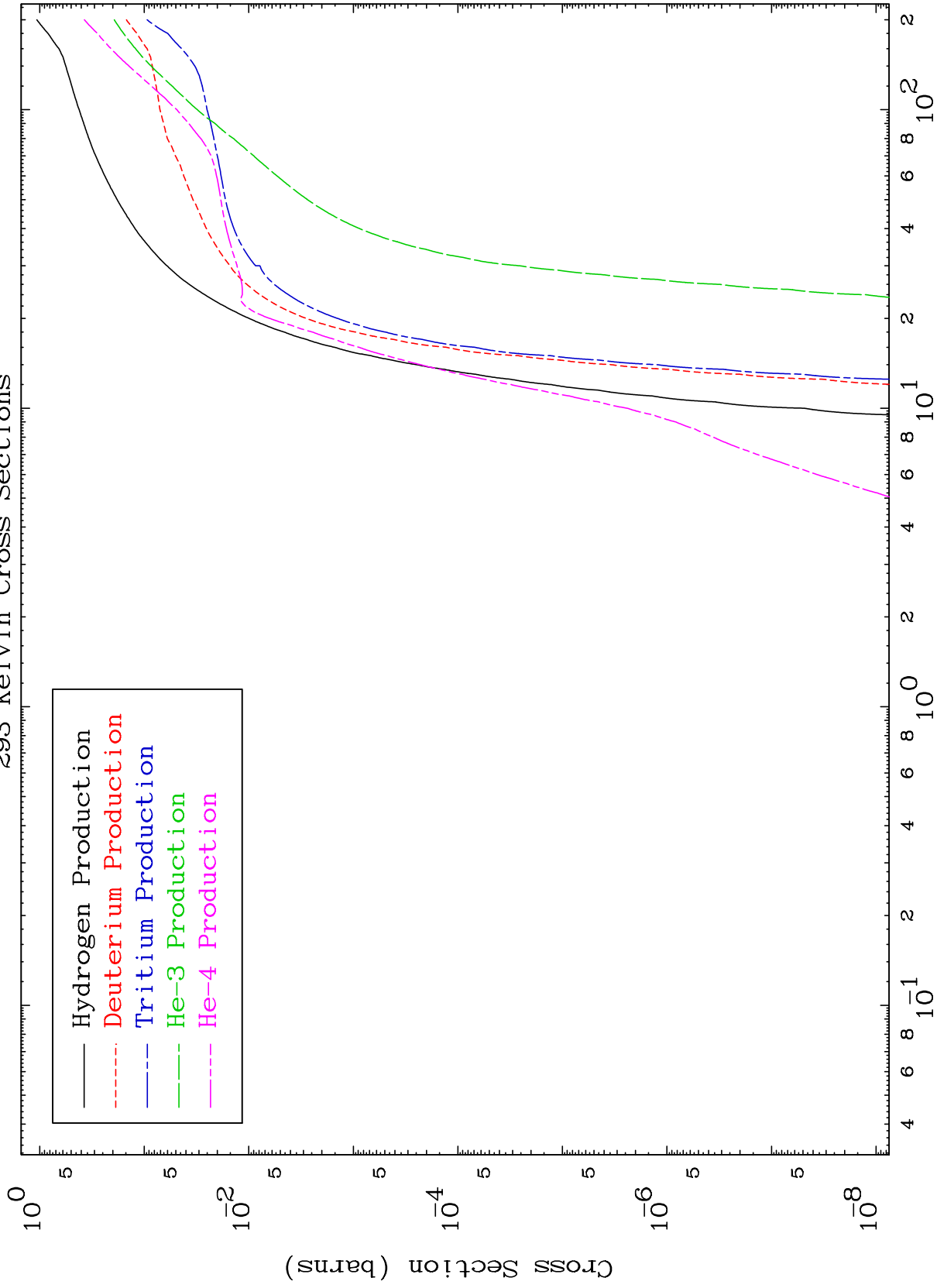
5

58-Ce-146

MAT 5855

Particle Production
293 Kelvin Cross Sections

58-Ce-146



6

Incident Energy (MeV)

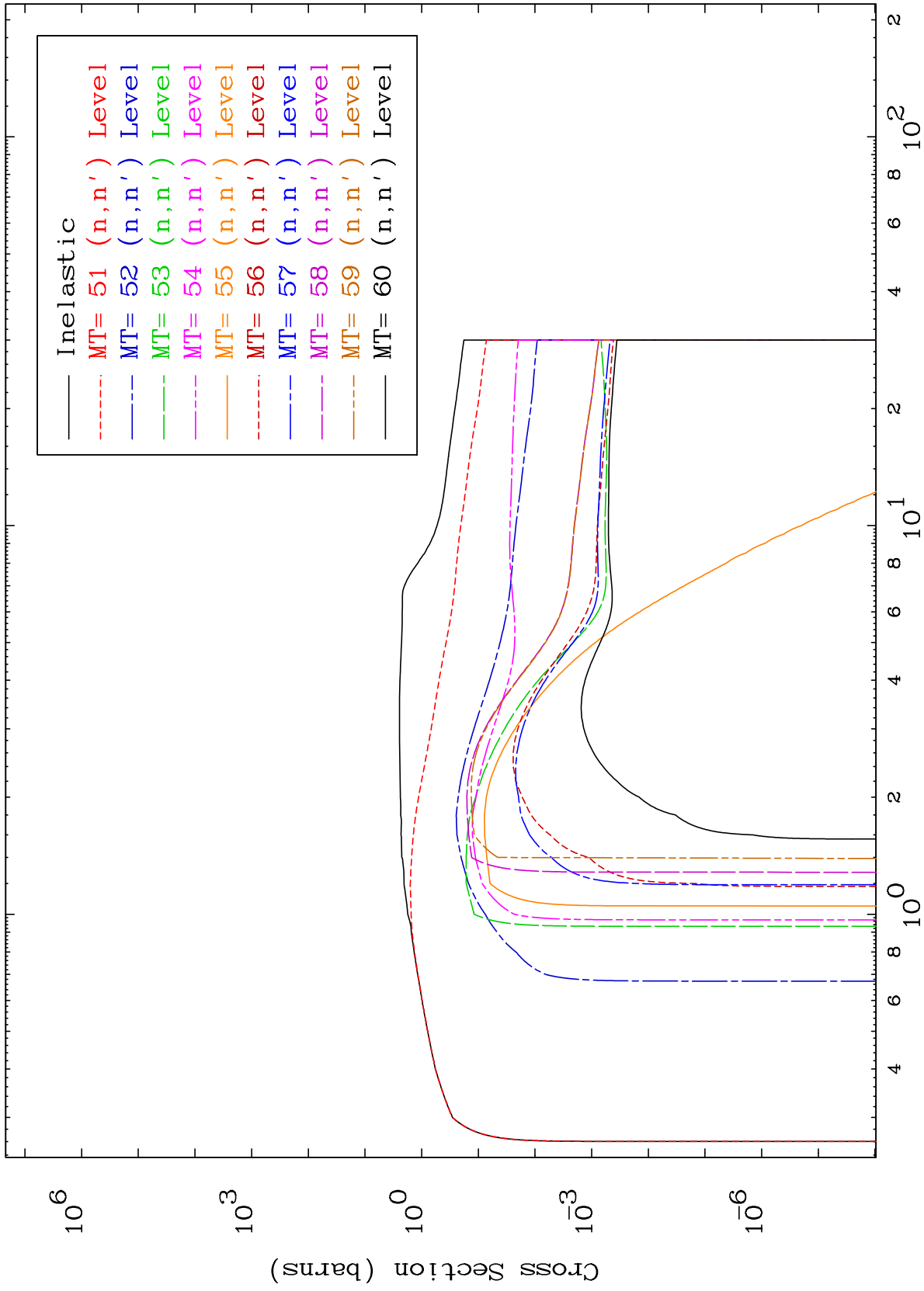
58-Ce-146

MAT 5855

(n,n') Level

58-Ce-146

293 Kelvin Cross Sections

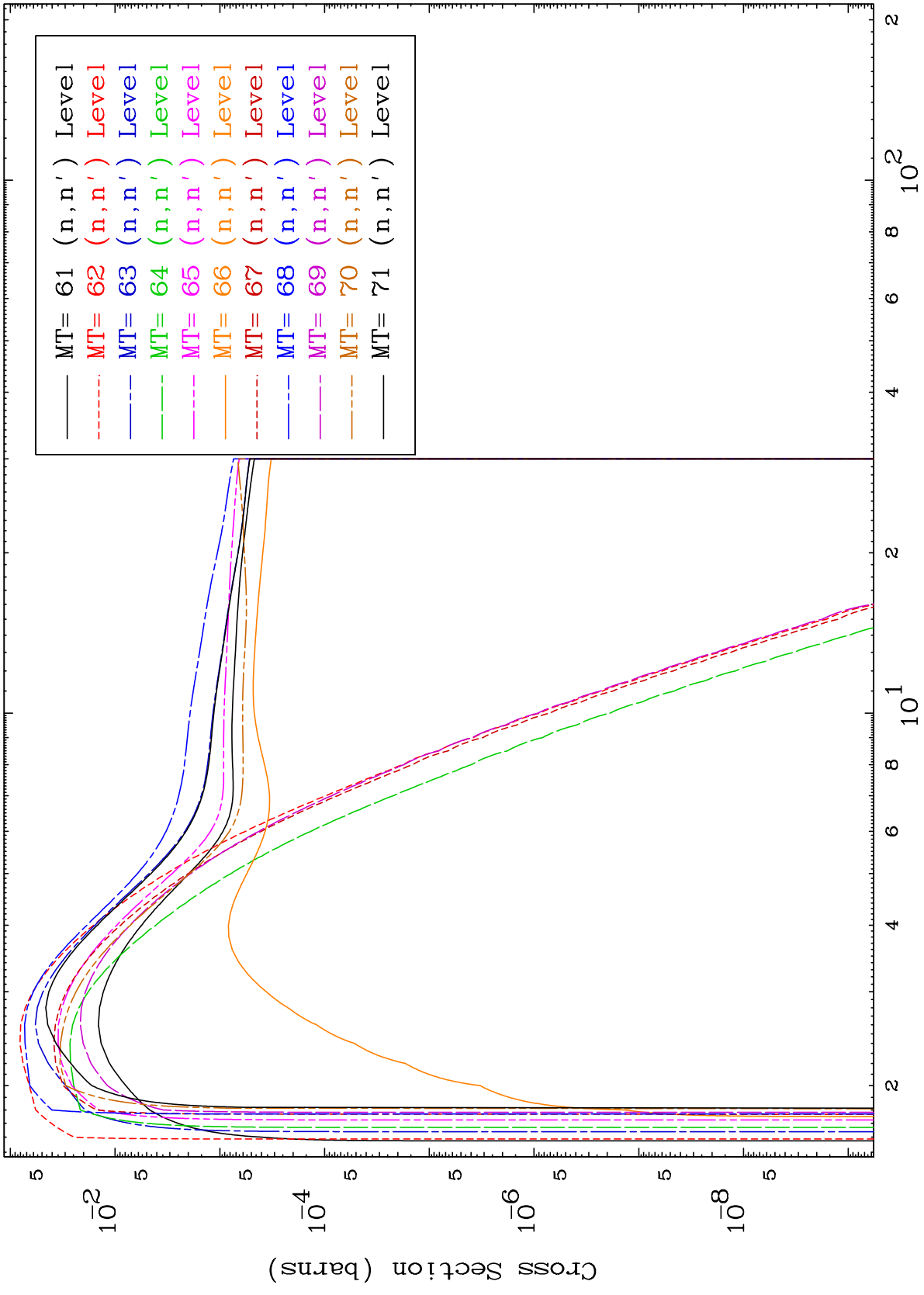


MAT 5855

(n,n') Level

58-Ce-146

293 Kelvin Cross Sections



Line Style	MT=	(n, n')	Level
Solid	61	(n, n')	Level
Dashed	62	(n, n')	Level
Dash-dot	63	(n, n')	Level
Dotted	64	(n, n')	Level
Long Dash	65	(n, n')	Level
Short Dash	66	(n, n')	Level
Very Short Dash	67	(n, n')	Level
Thin Solid	68	(n, n')	Level
Thin Dashed	69	(n, n')	Level
Thin Dash-dot	70	(n, n')	Level
Thin Dotted	71	(n, n')	Level

8

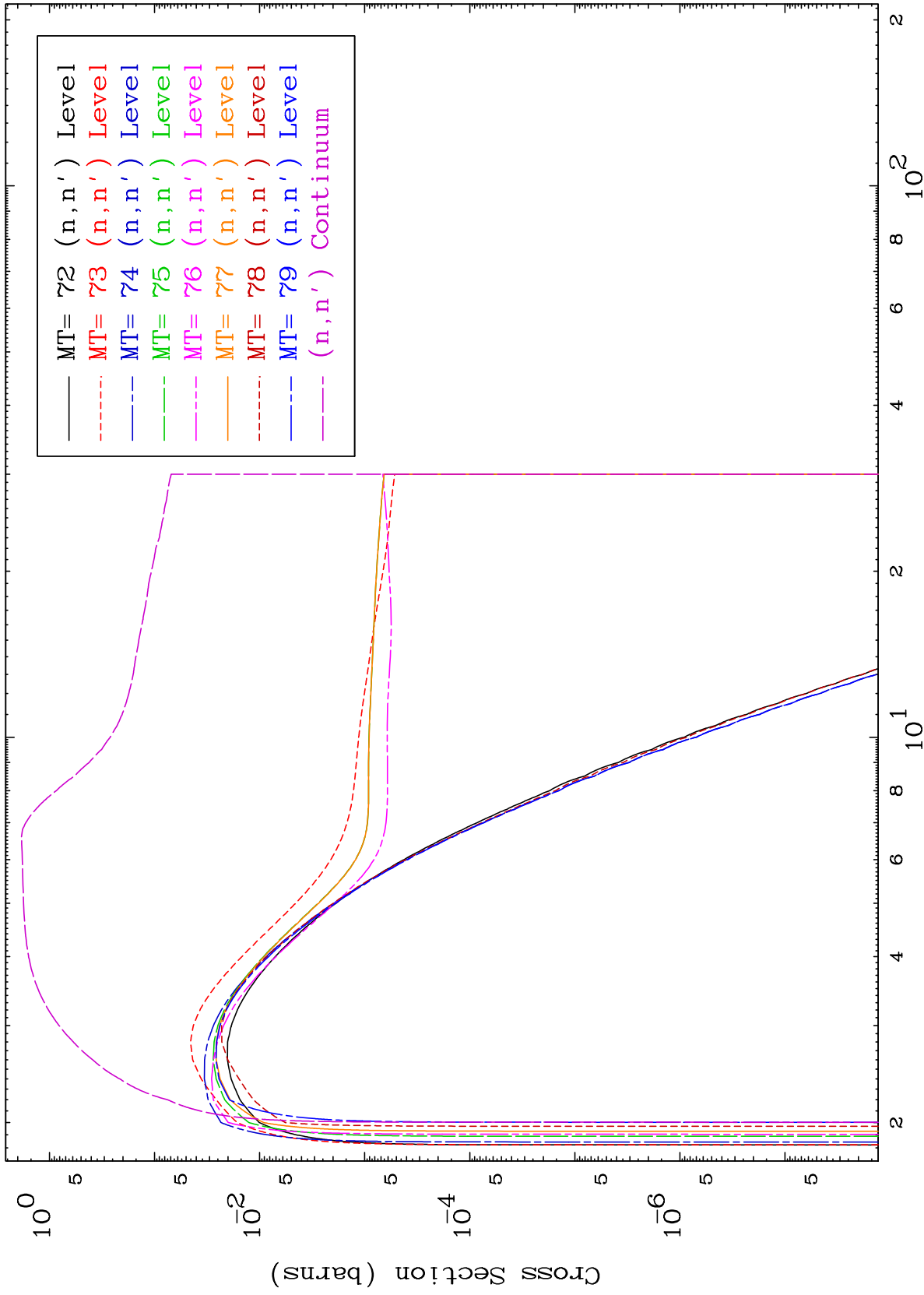
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,n') Level
293 Kelvin Cross Sections

58-Ce-146



9

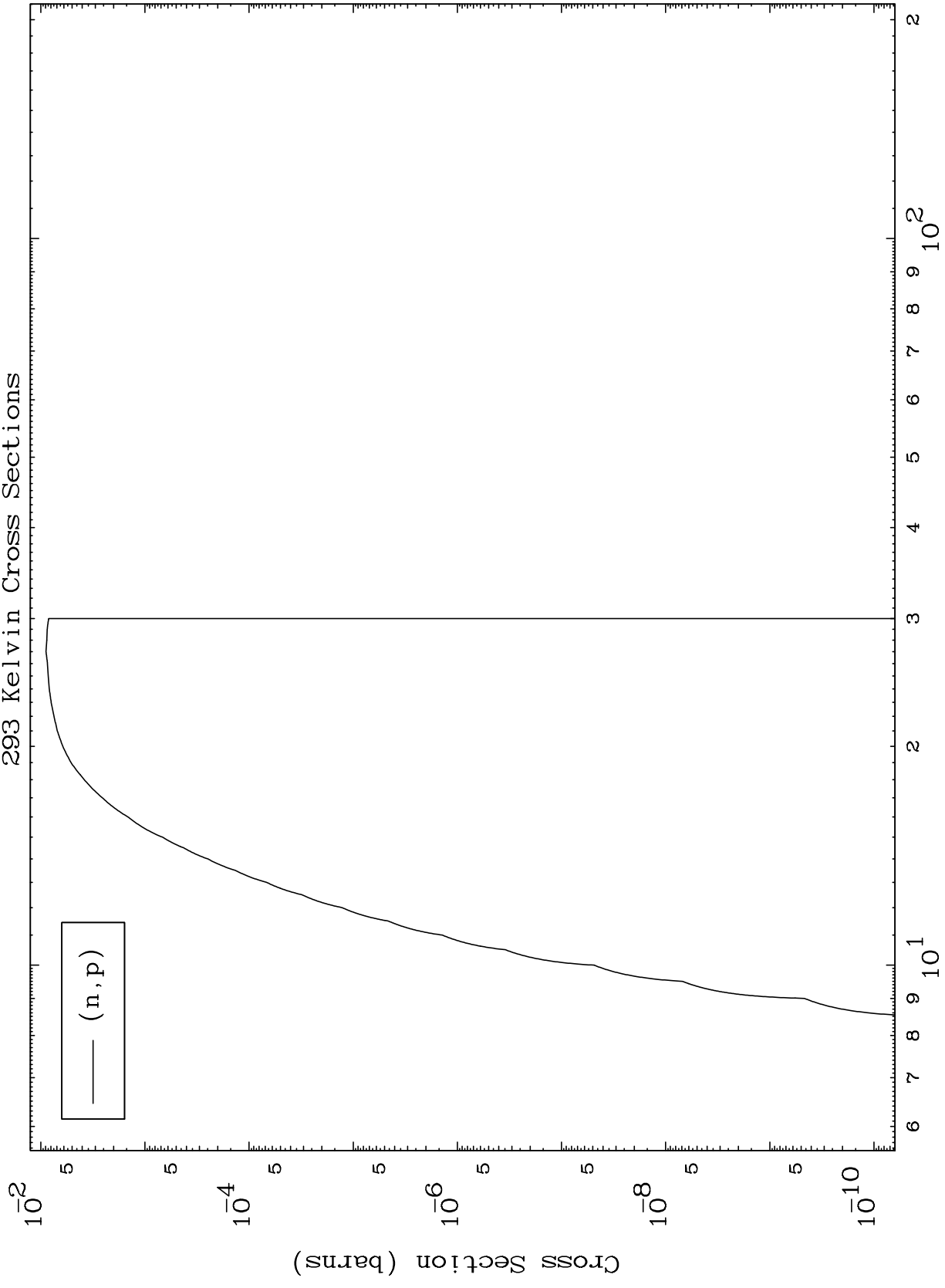
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,p) Levels
293 Kelvin Cross Sections

58-Ce-146



10

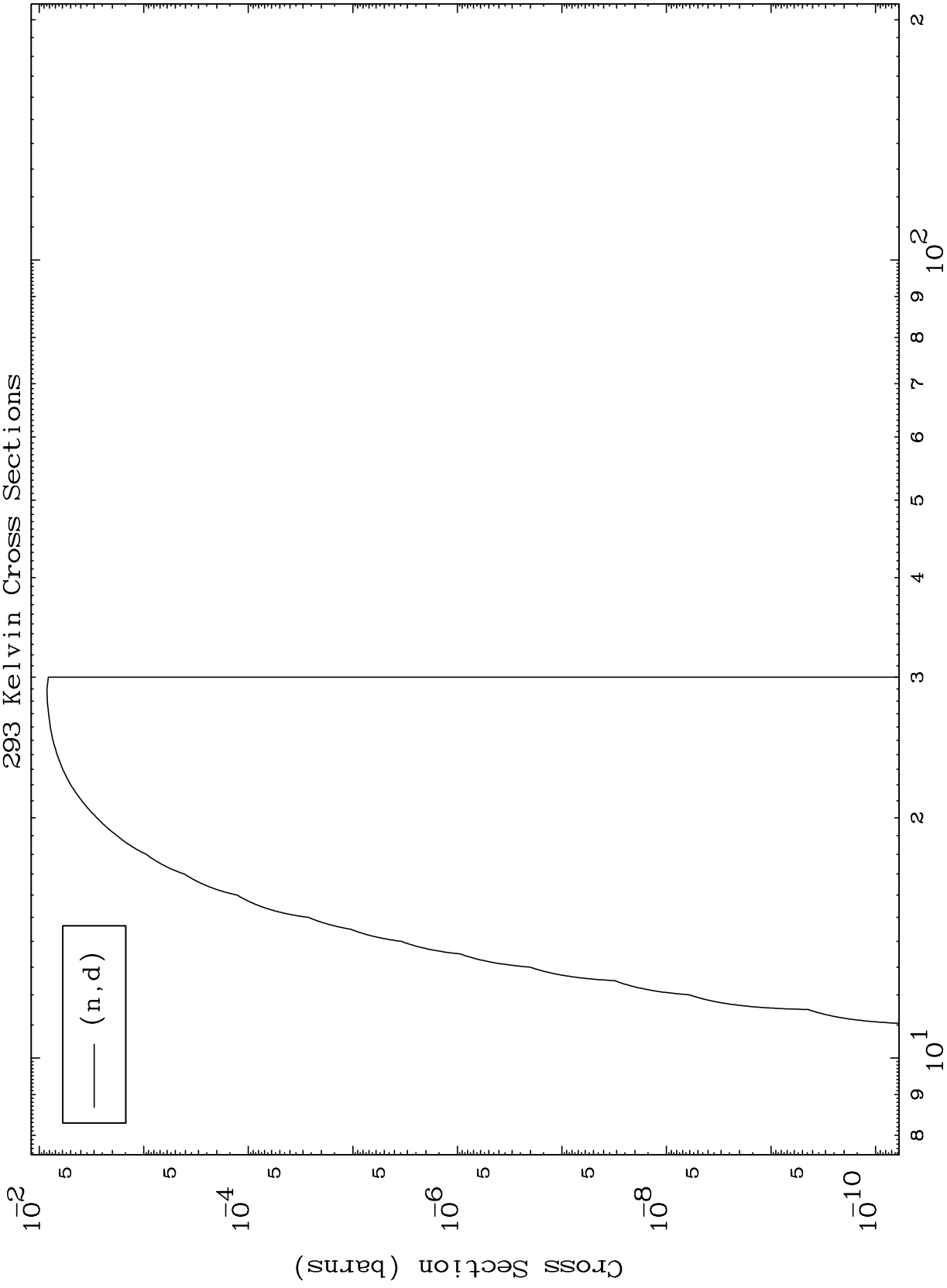
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,d) Levels
293 Kelvin Cross Sections

58-Ce-146



11

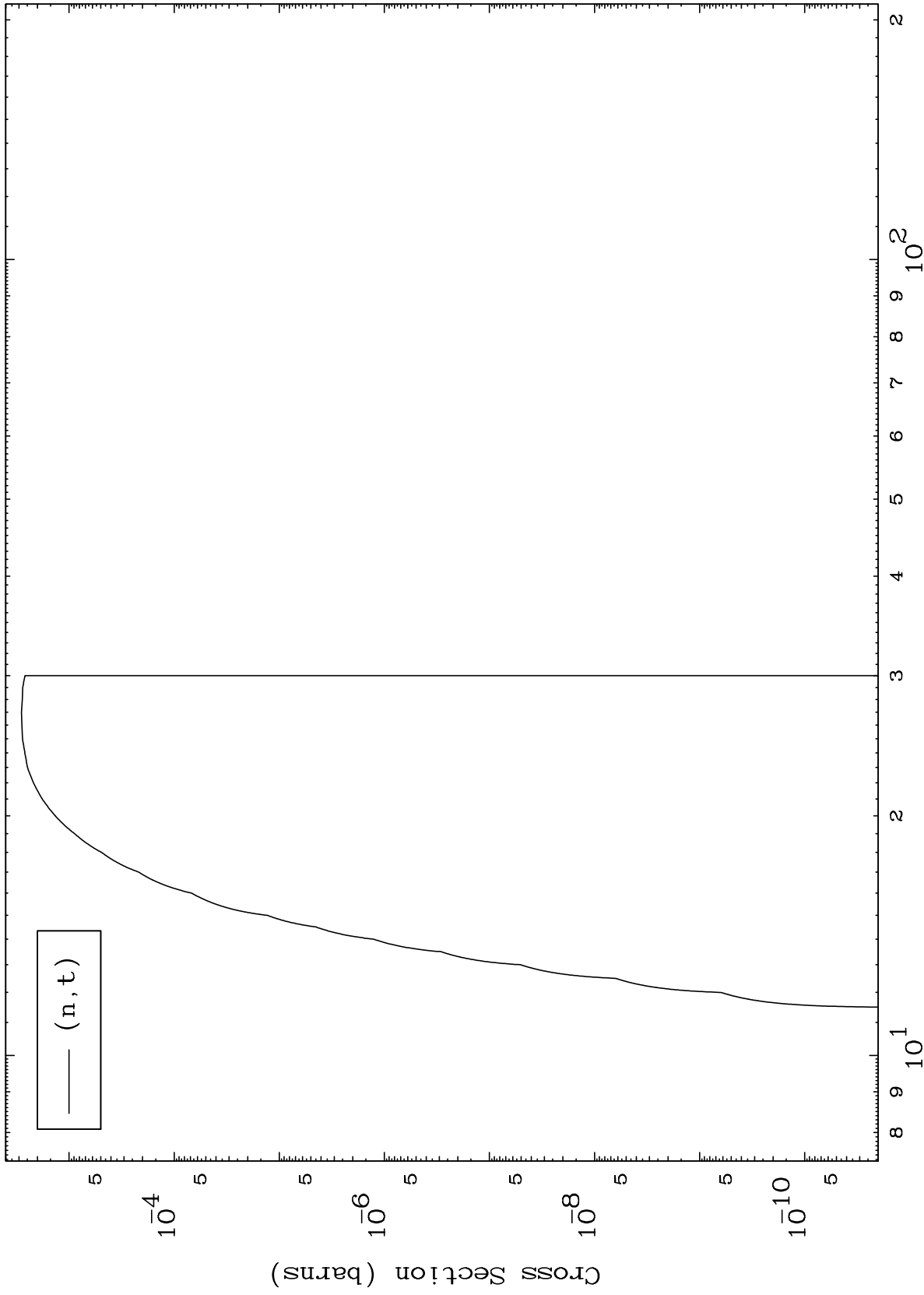
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,t) Levels
293 Kelvin Cross Sections

58-Ce-146



12

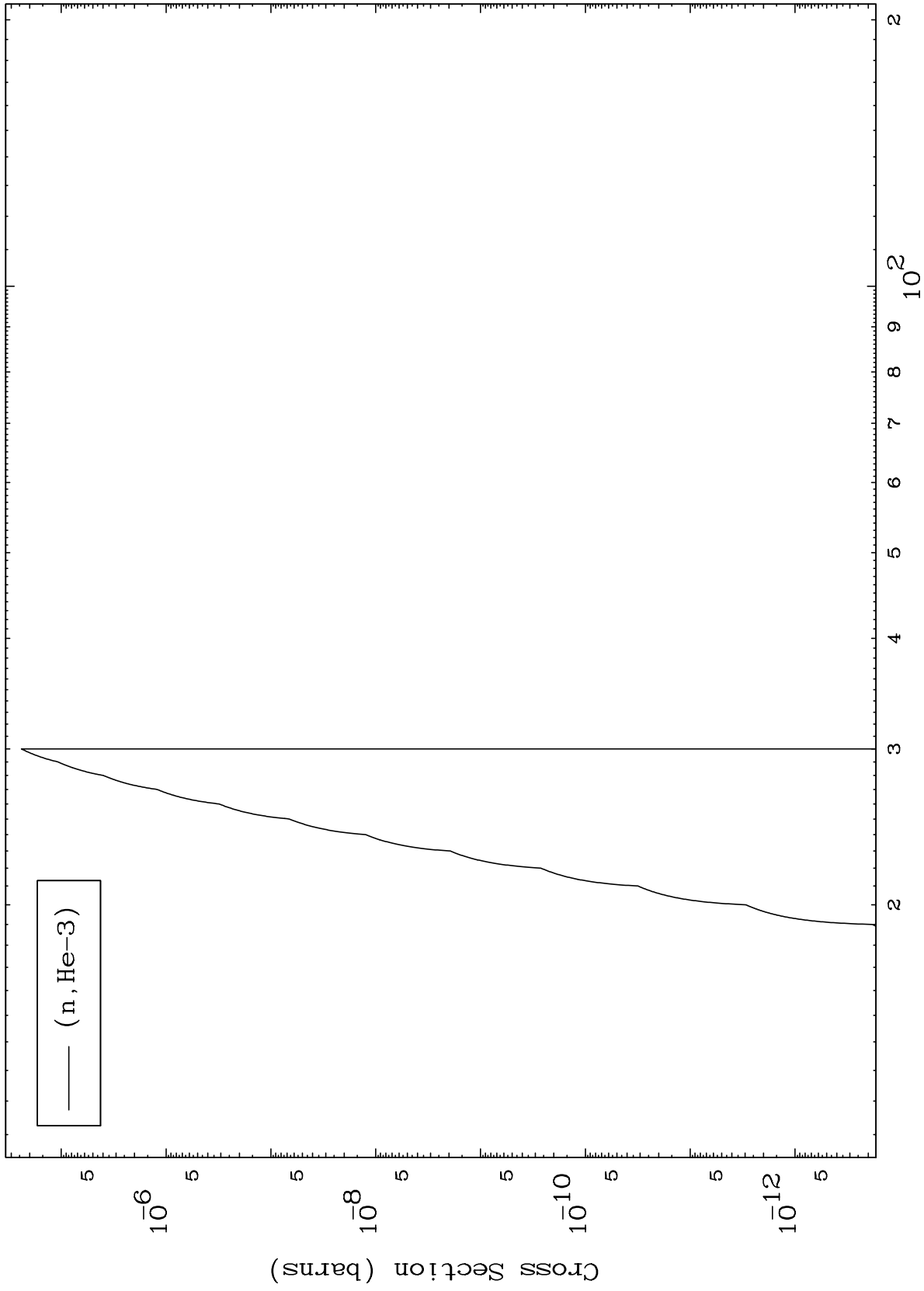
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,He3) Levels
293 Kelvin Cross Sections

58-Ce-146



13

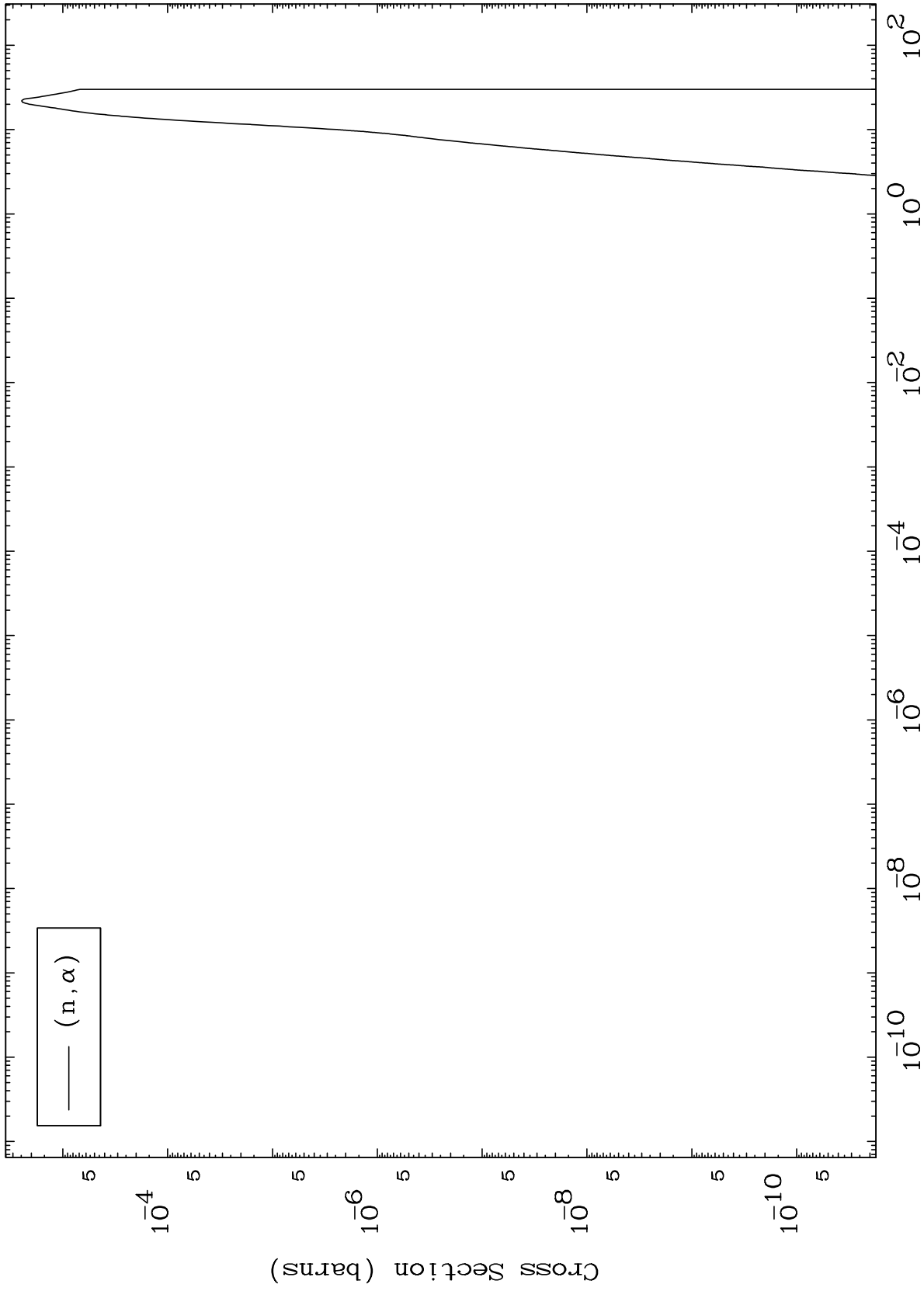
Incident Energy (MeV)

58-Ce-146

MAT 5855

(n,α) Levels
293 Kelvin Cross Sections

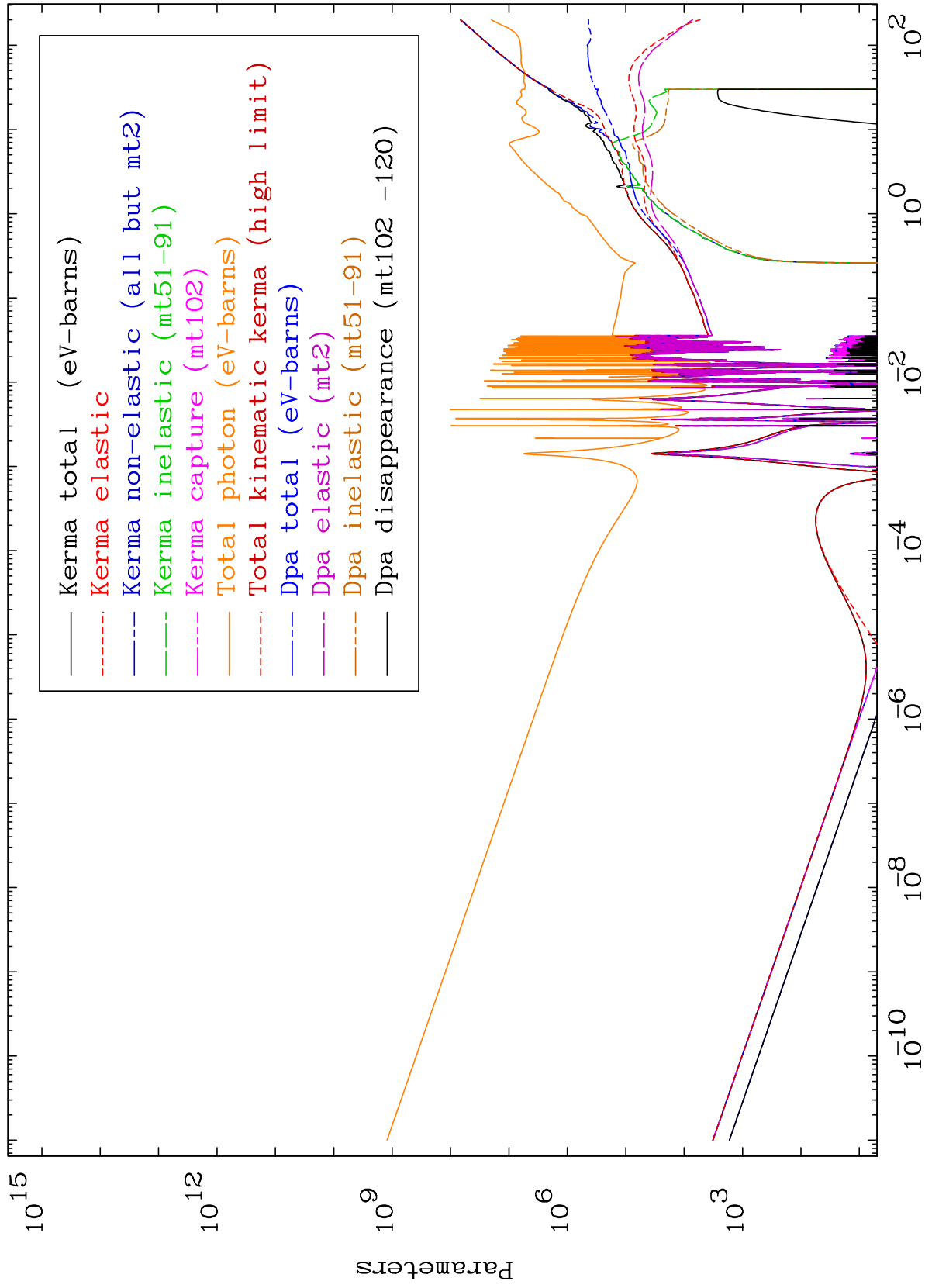
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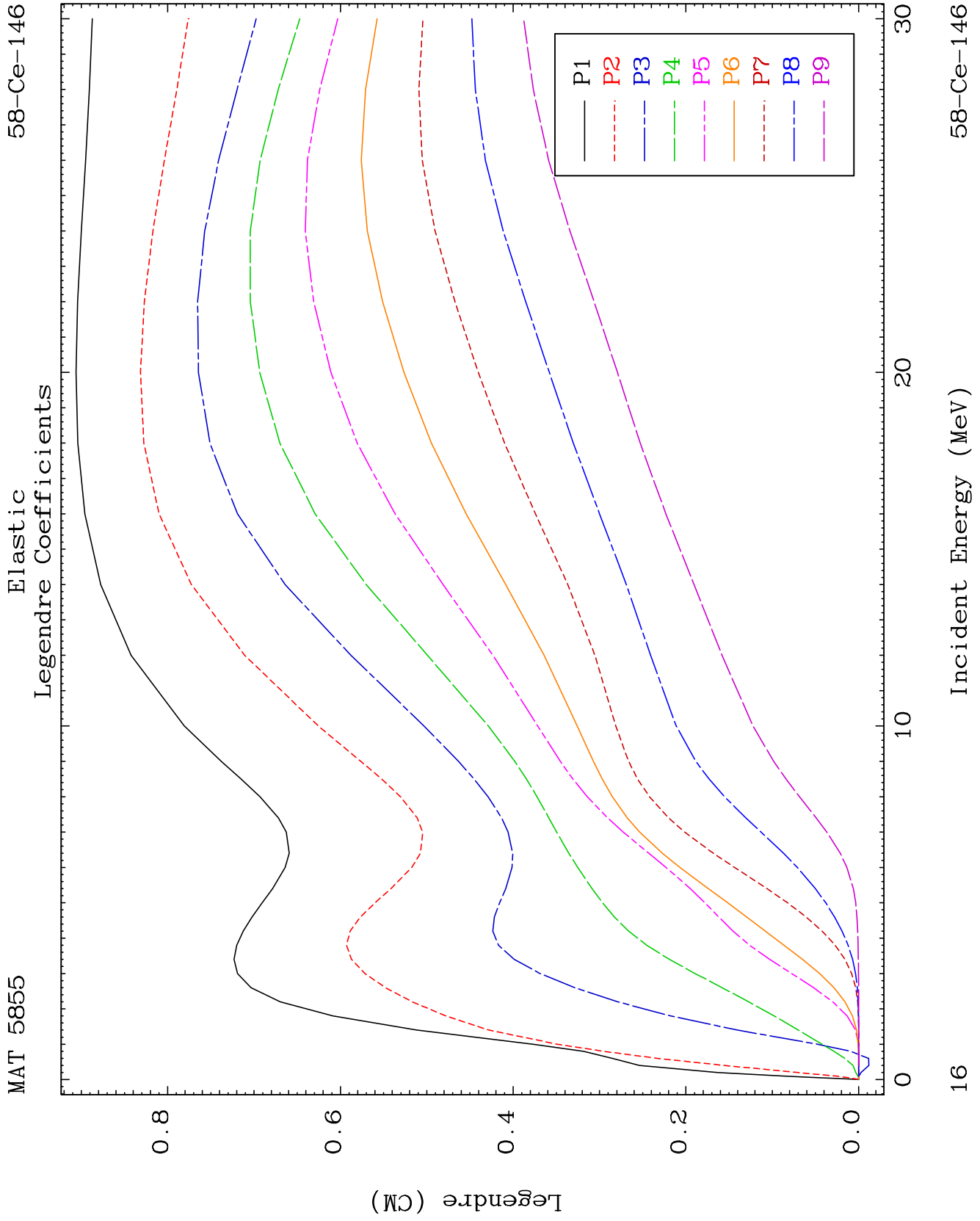


14

Incident Energy (MeV)

58-Ce-146

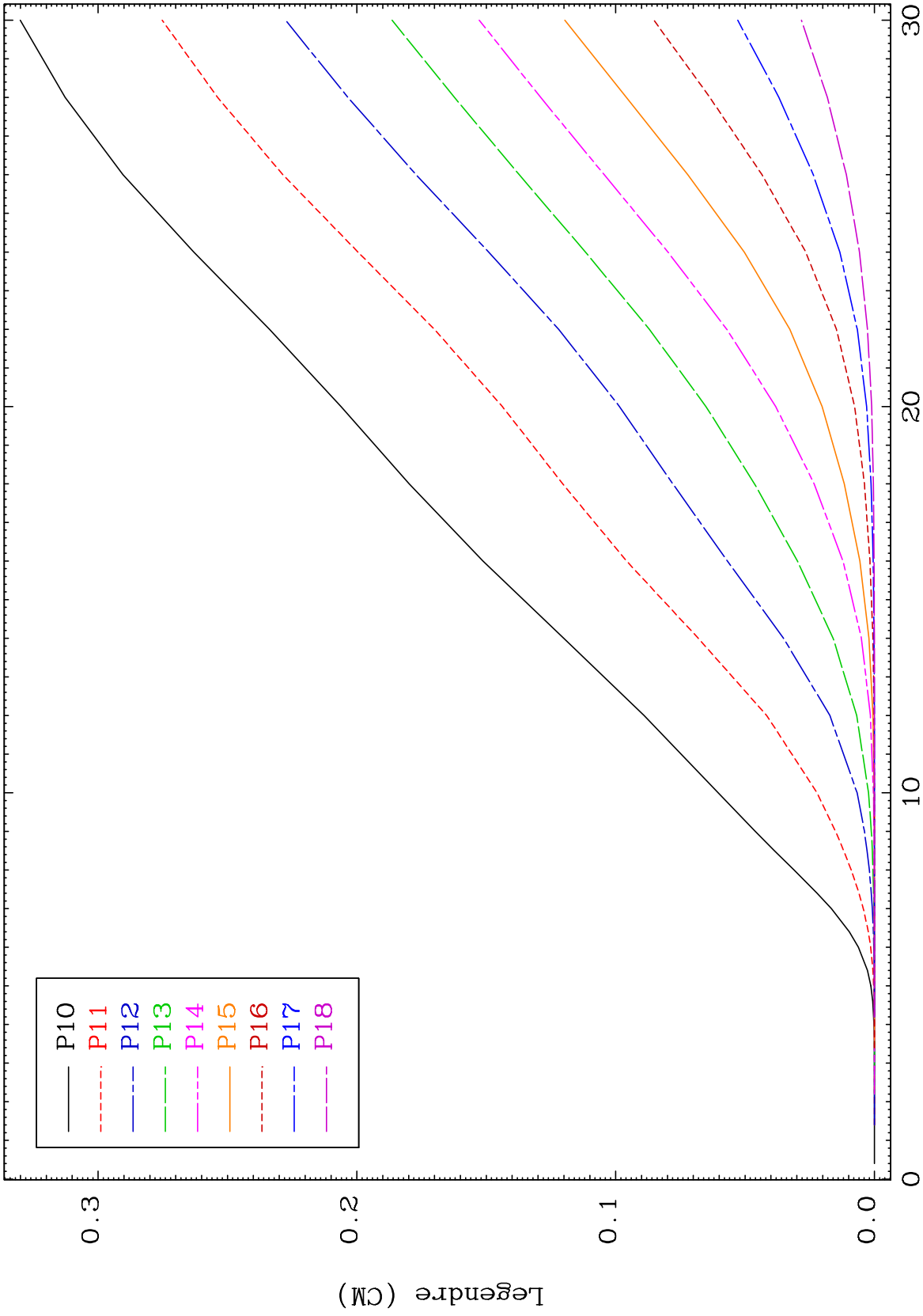




MAT 5855

Elastic Legendre Coefficients

58-Ce-146



17

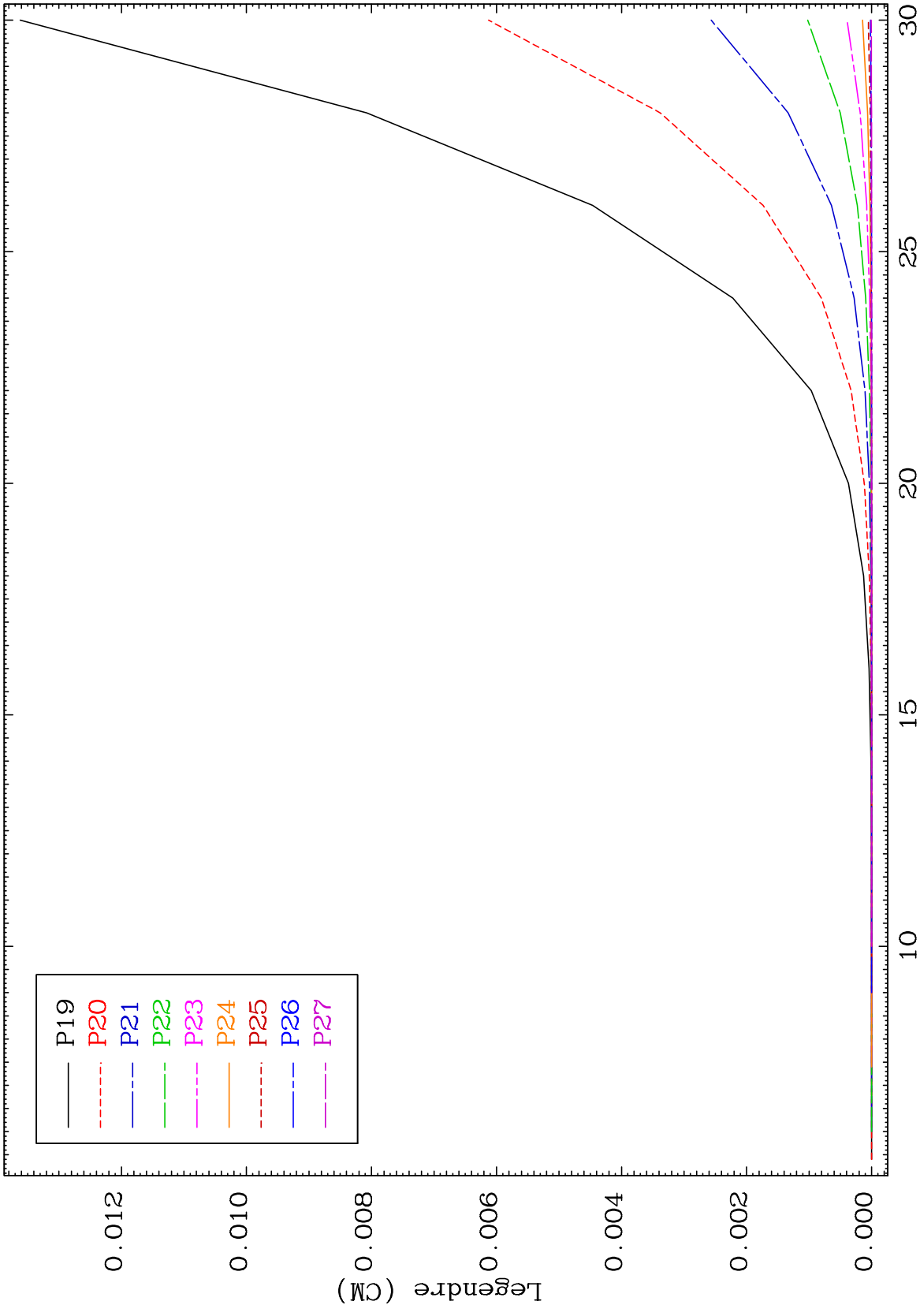
Incident Energy (MeV)

58-Ce-146

MAT 5855

Elastic Legendre Coefficients

58-Ce-146



18

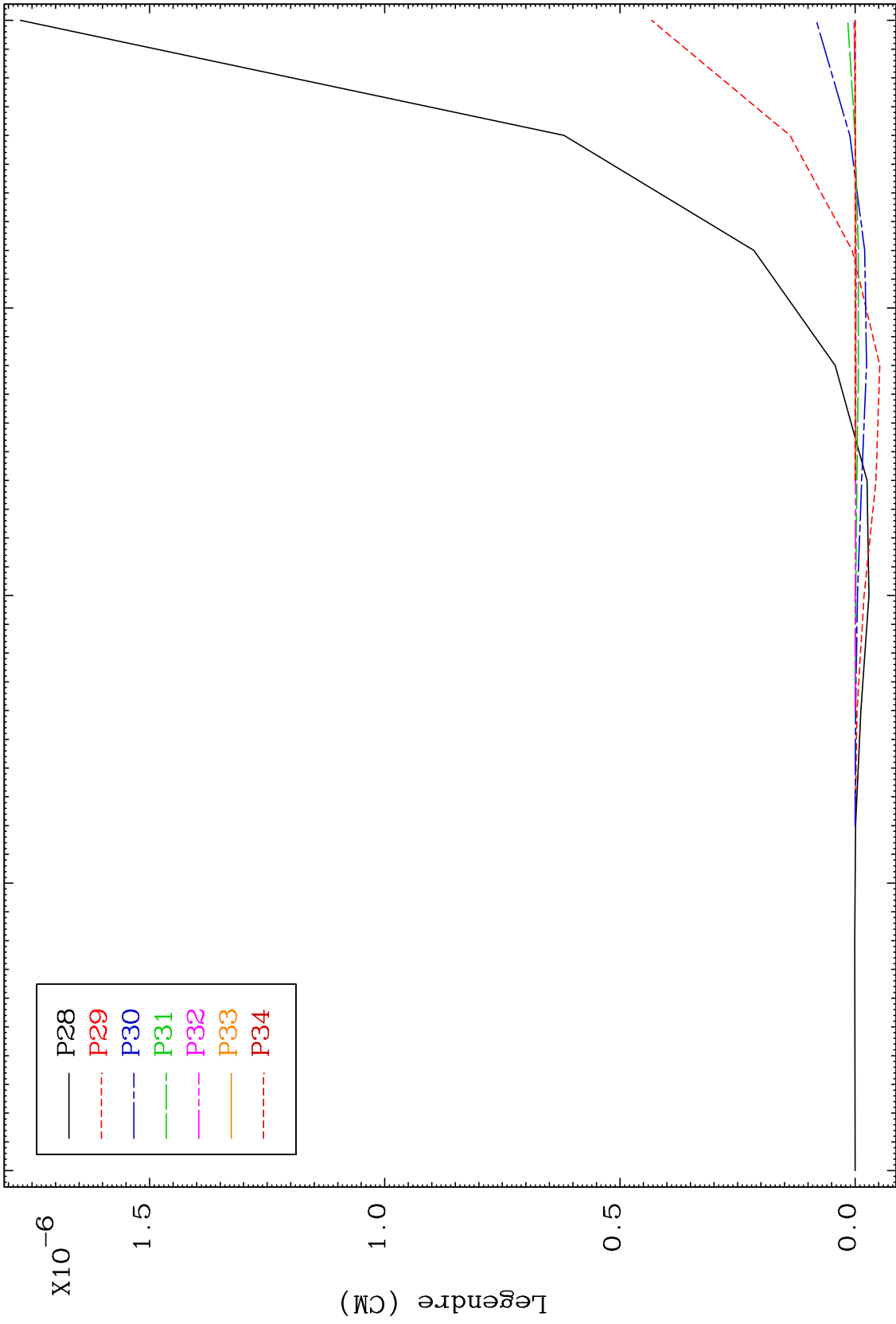
Incident Energy (MeV)

58-Ce-146

MAT 5855

Elastic Legendre Coefficients

58-Ce-146



19

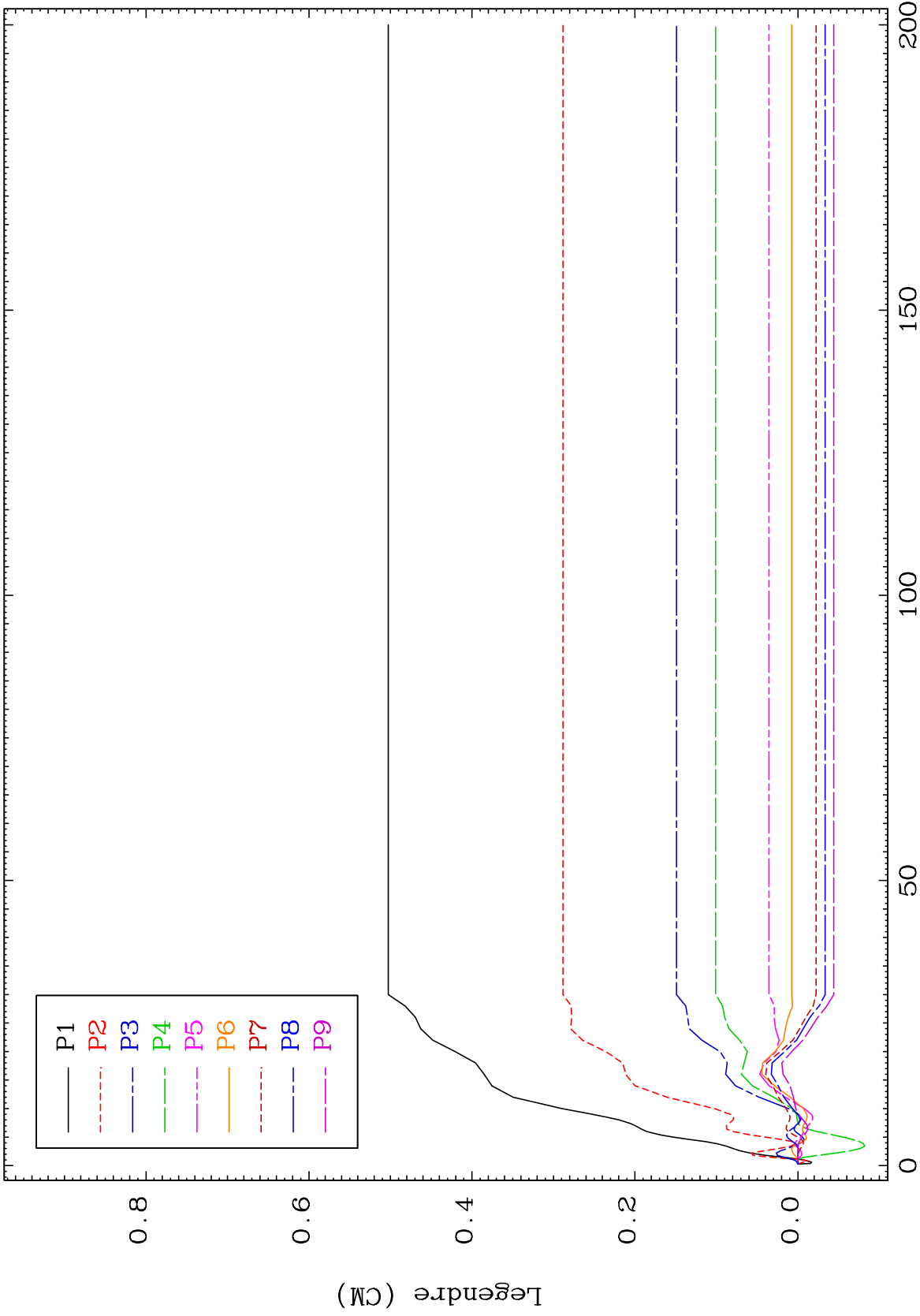
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



58-Ce-146

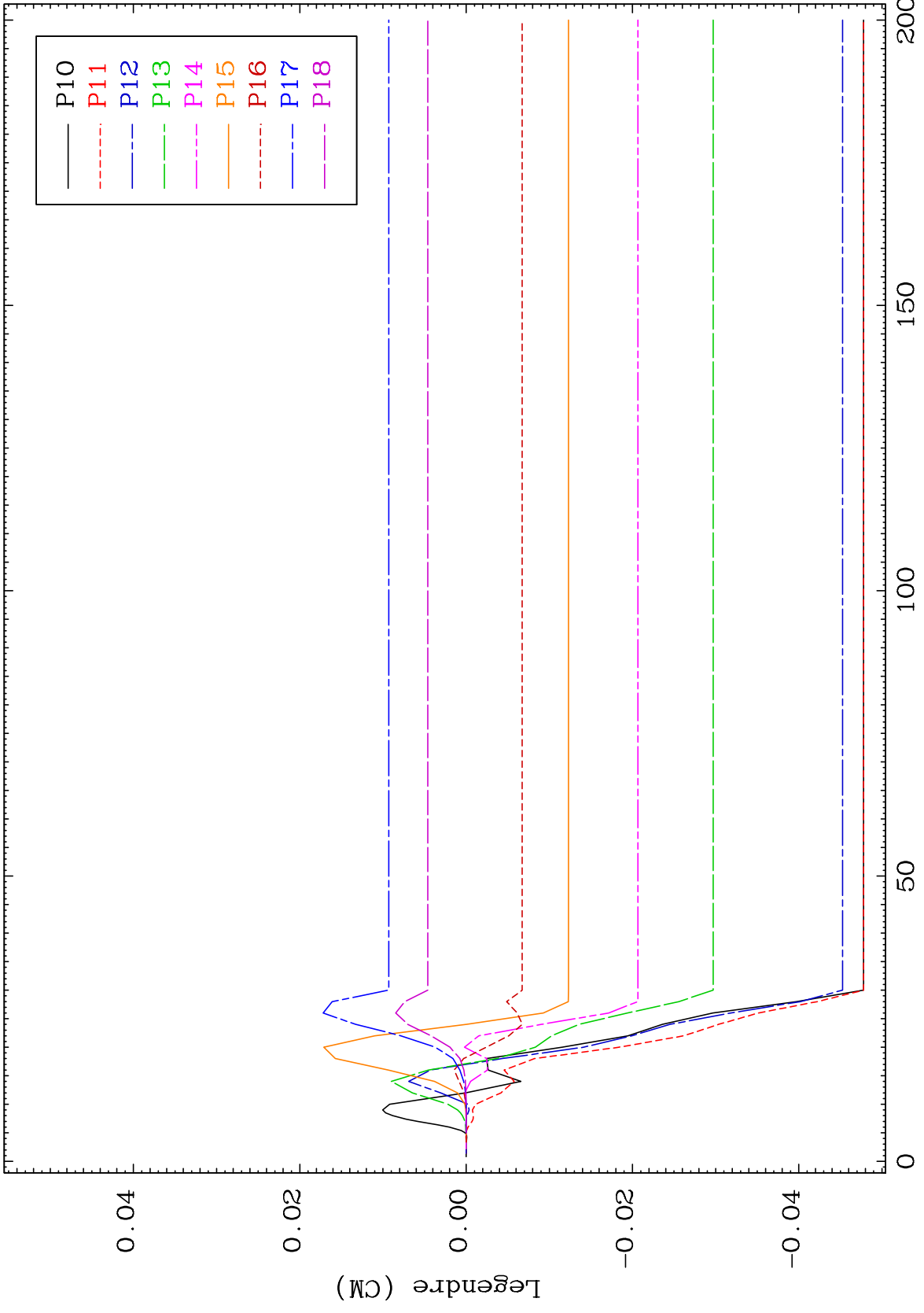
Incident Energy (MeV)

20

MAT 5855

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

58-Ce-146



21

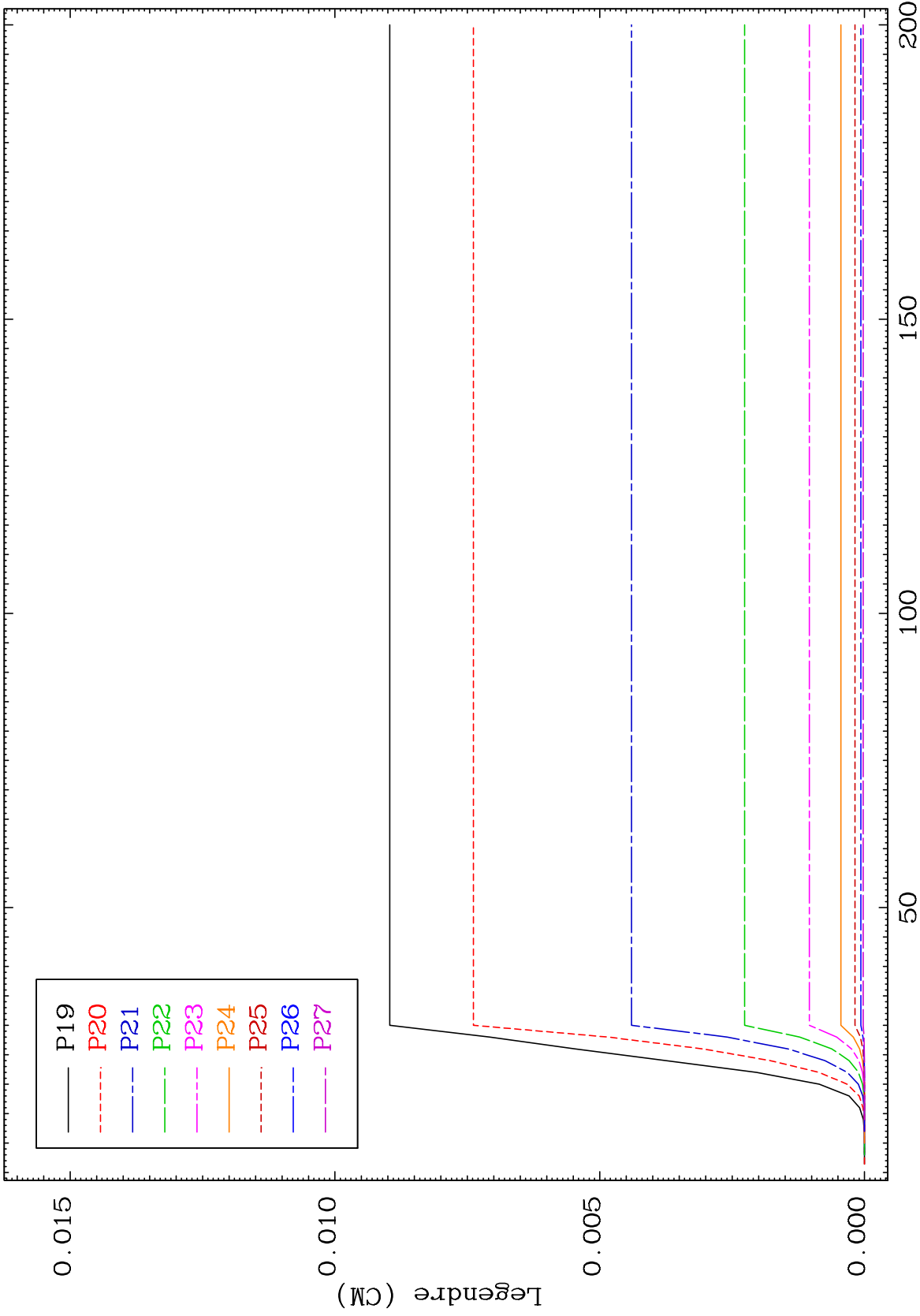
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



22

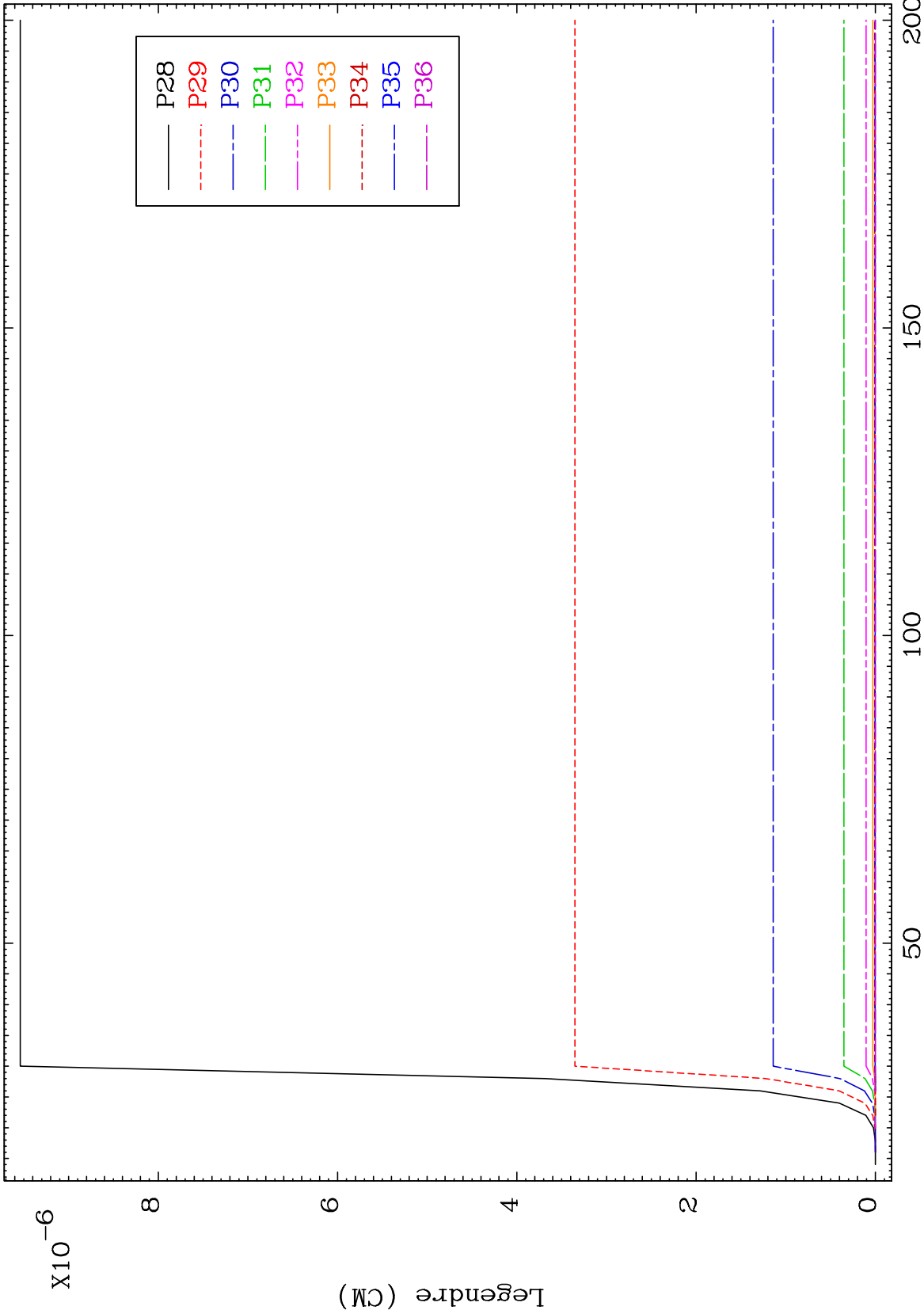
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



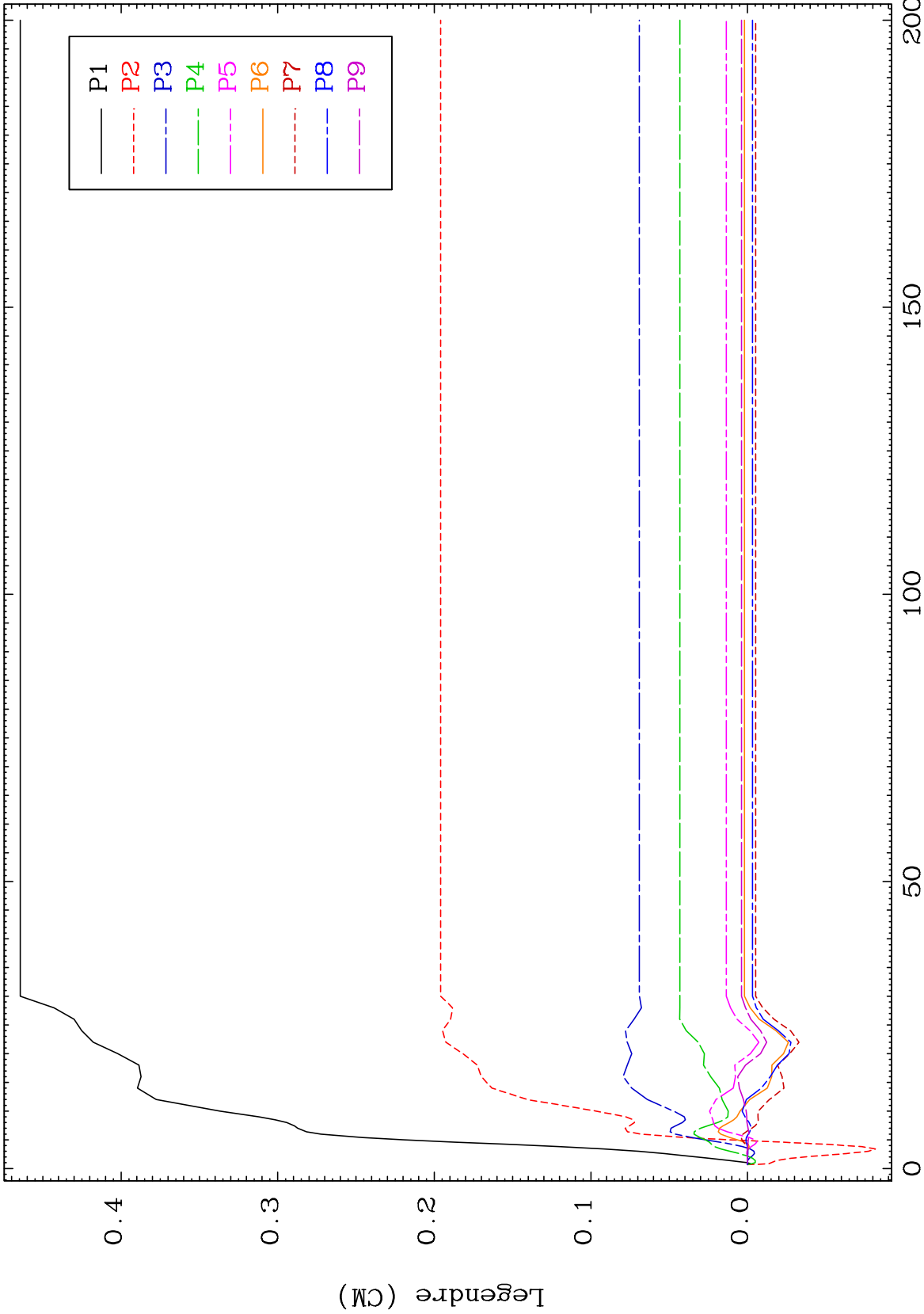
23

58-Ce-146

MAT 5855

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

58-Ce-146



24

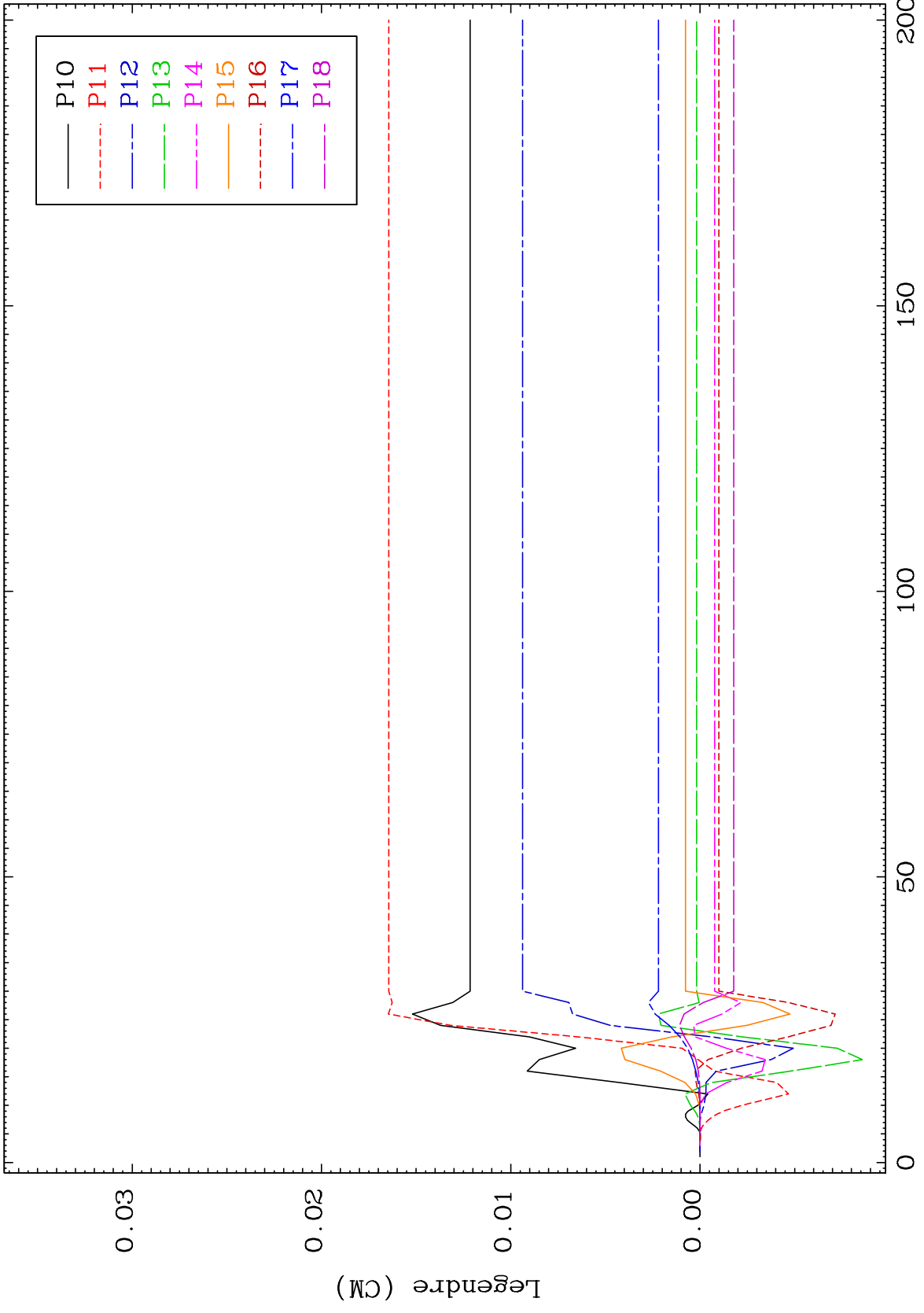
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



25

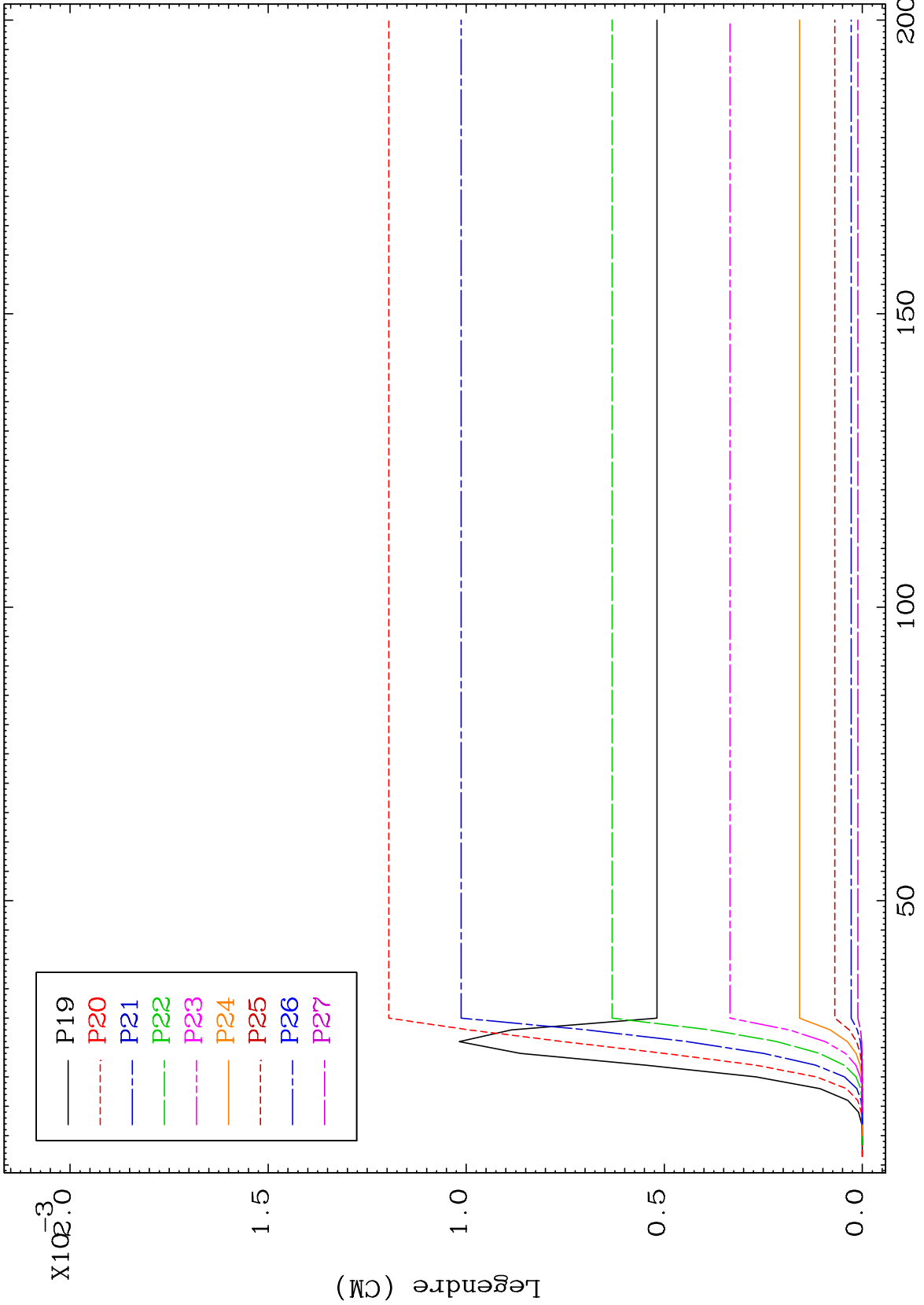
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



26

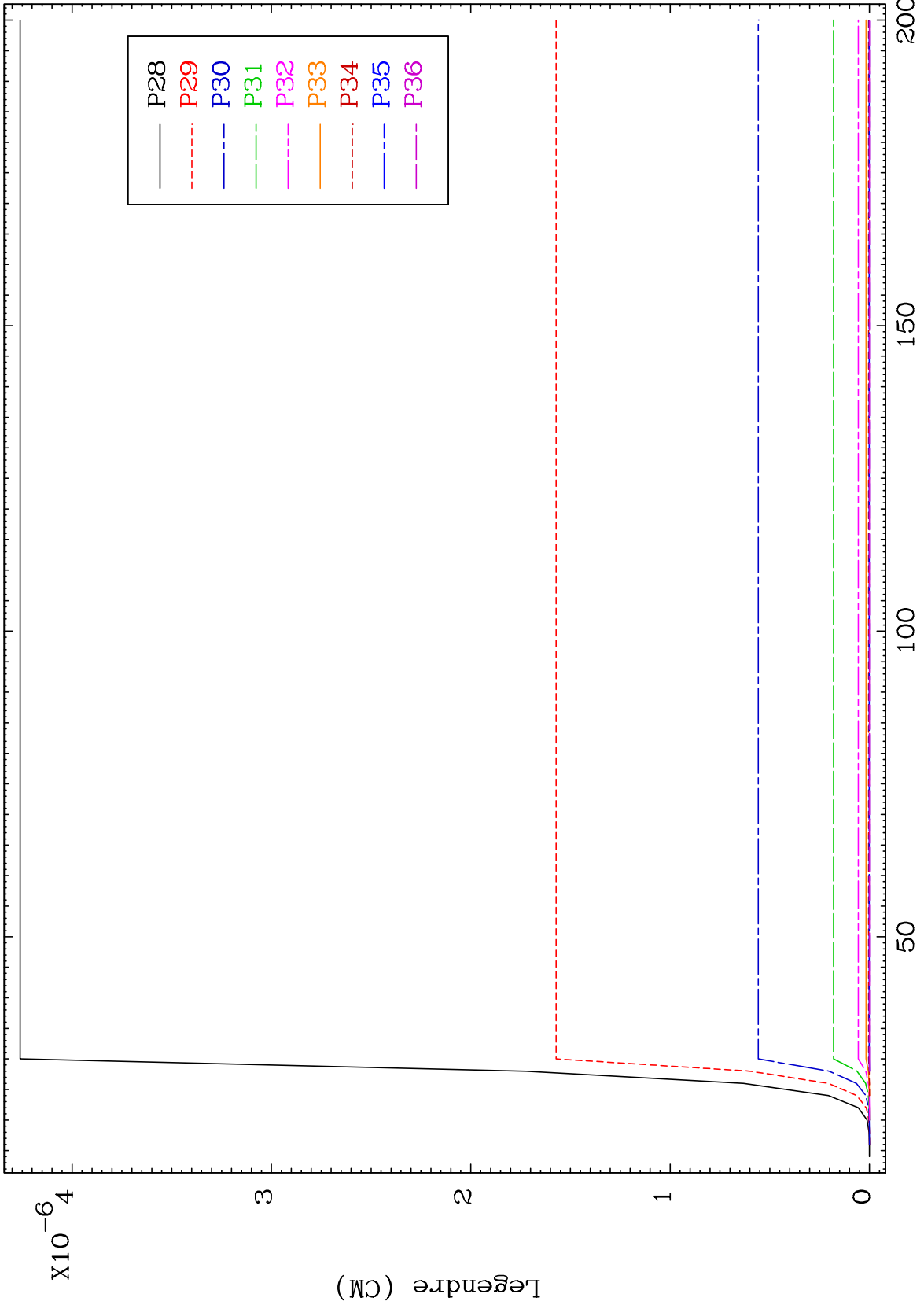
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



27

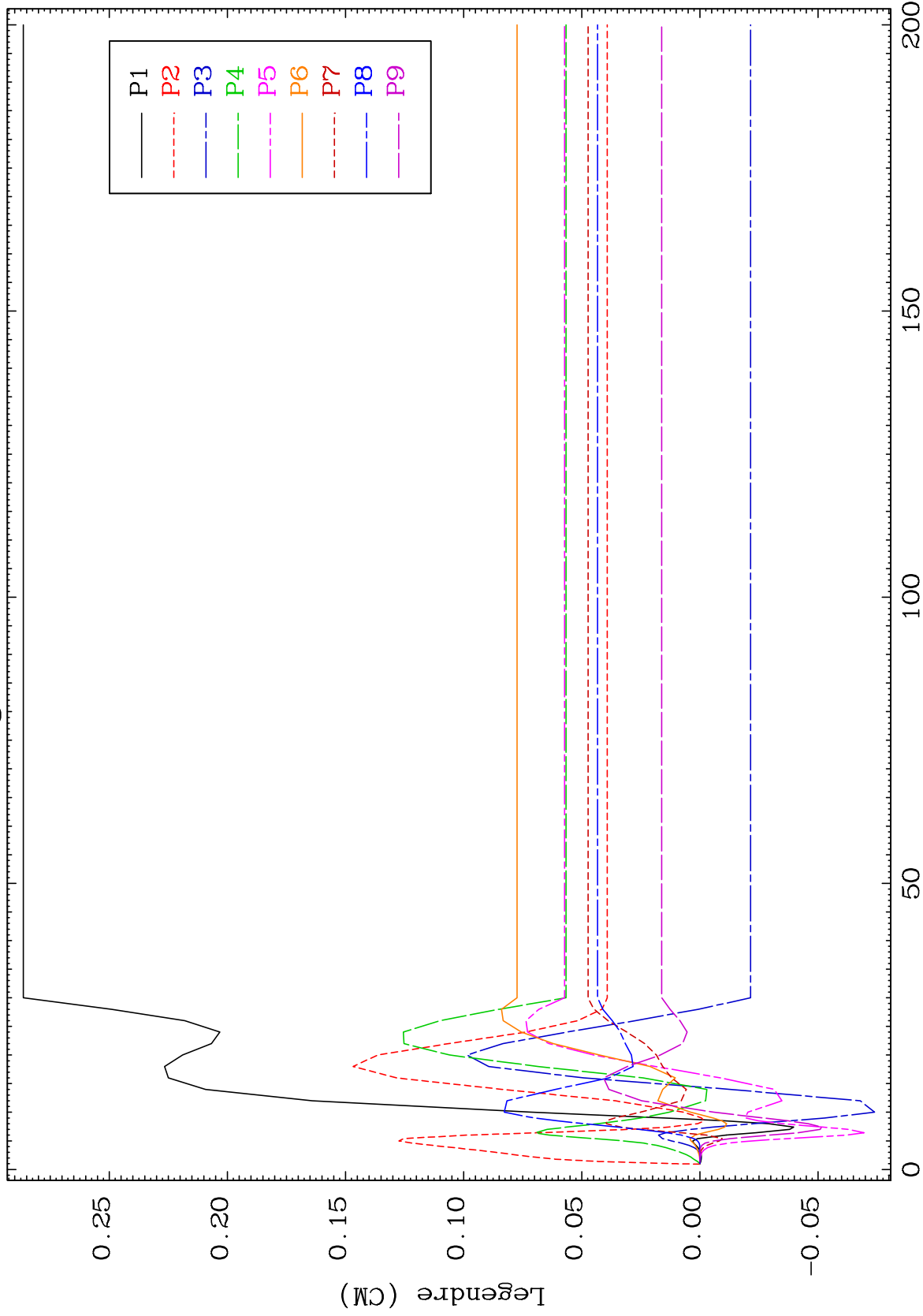
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



28

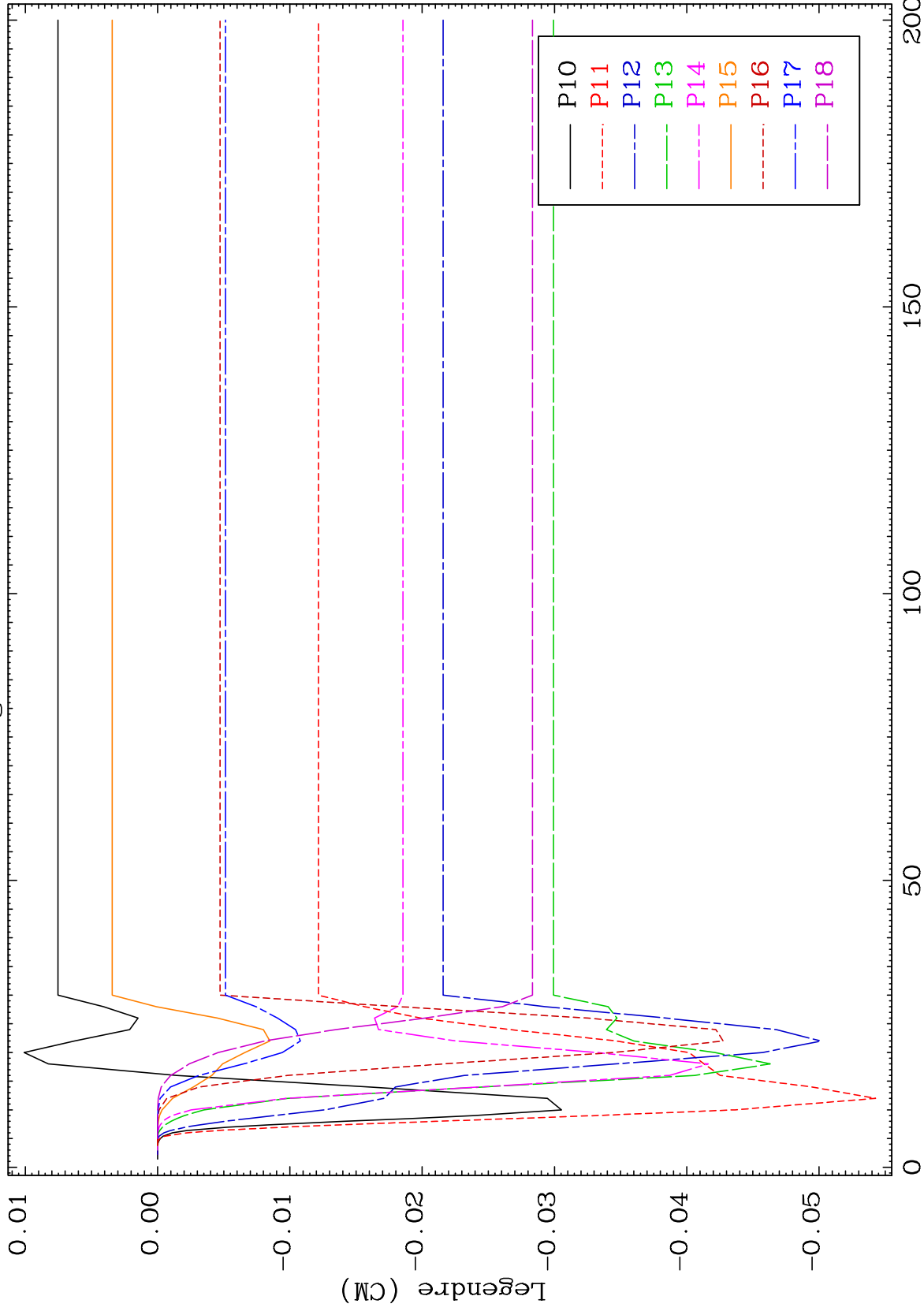
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146

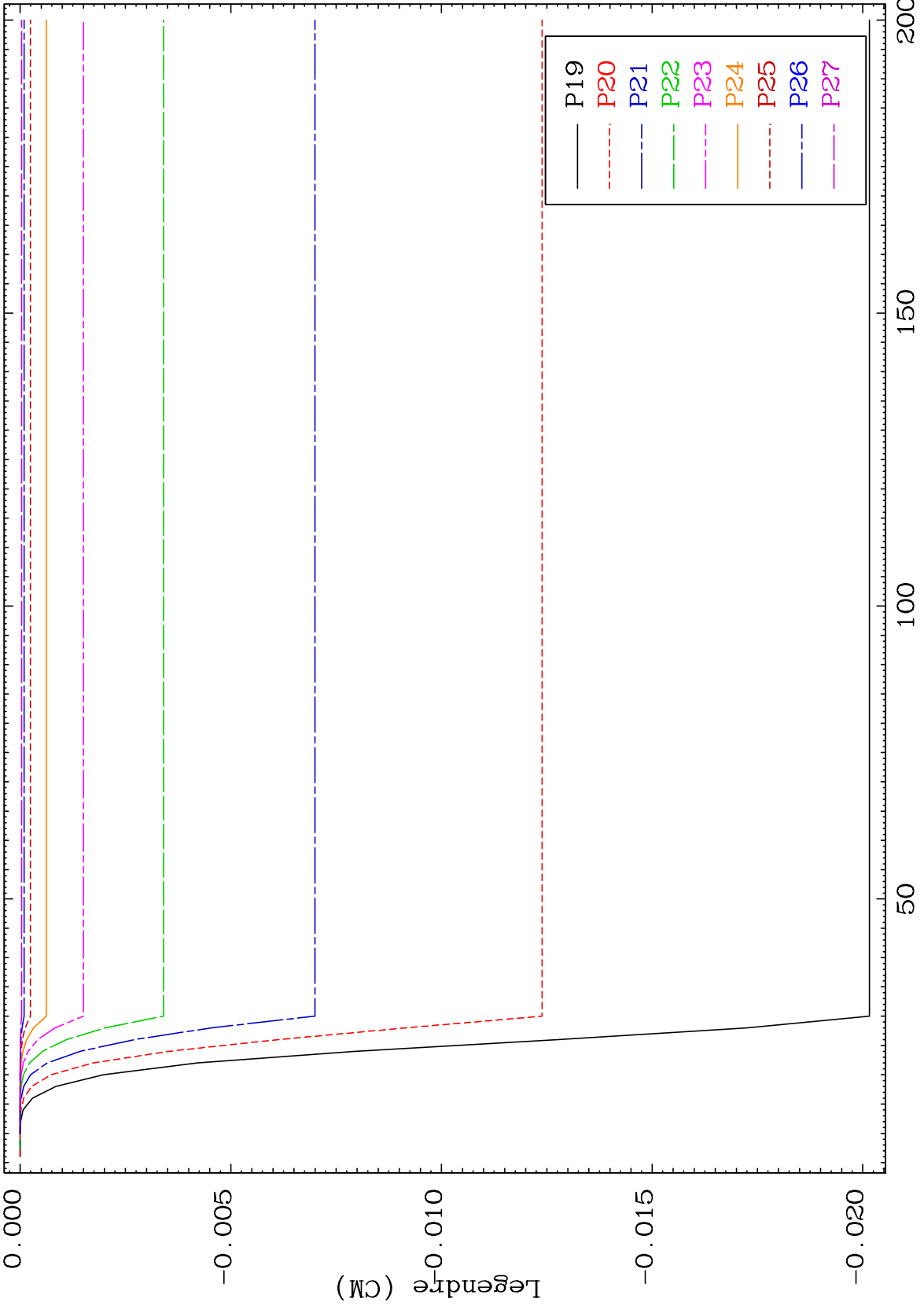


29

Incident Energy (MeV)

58-Ce-146

MAT 5855 MT= 53 (n,n') Level Legendre Coefficients 58-Ce-146

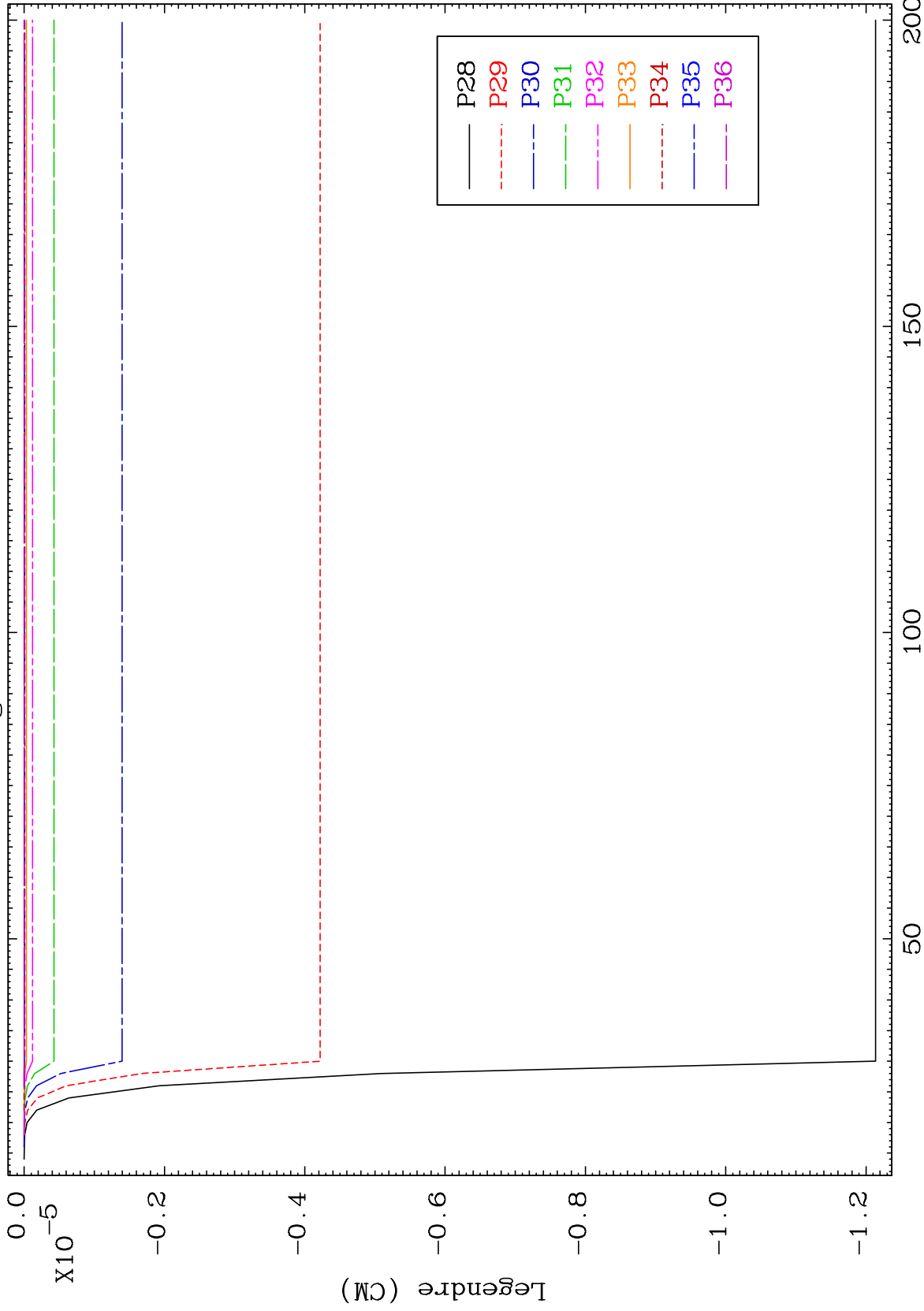


30 50 100 150 200 Incident Energy (MeV) 58-Ce-146

MAT 5855

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

58-Ce-146



31

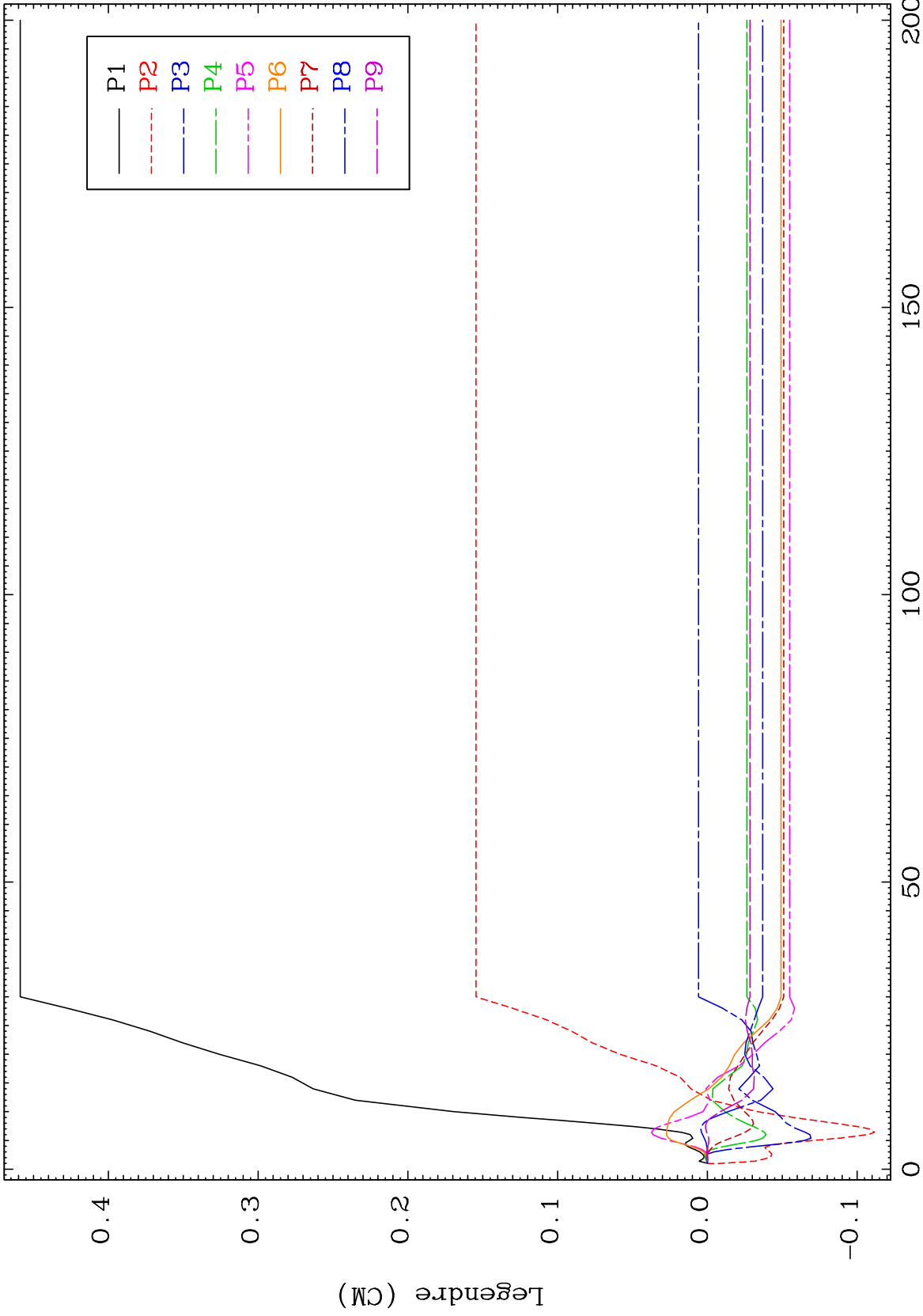
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



32

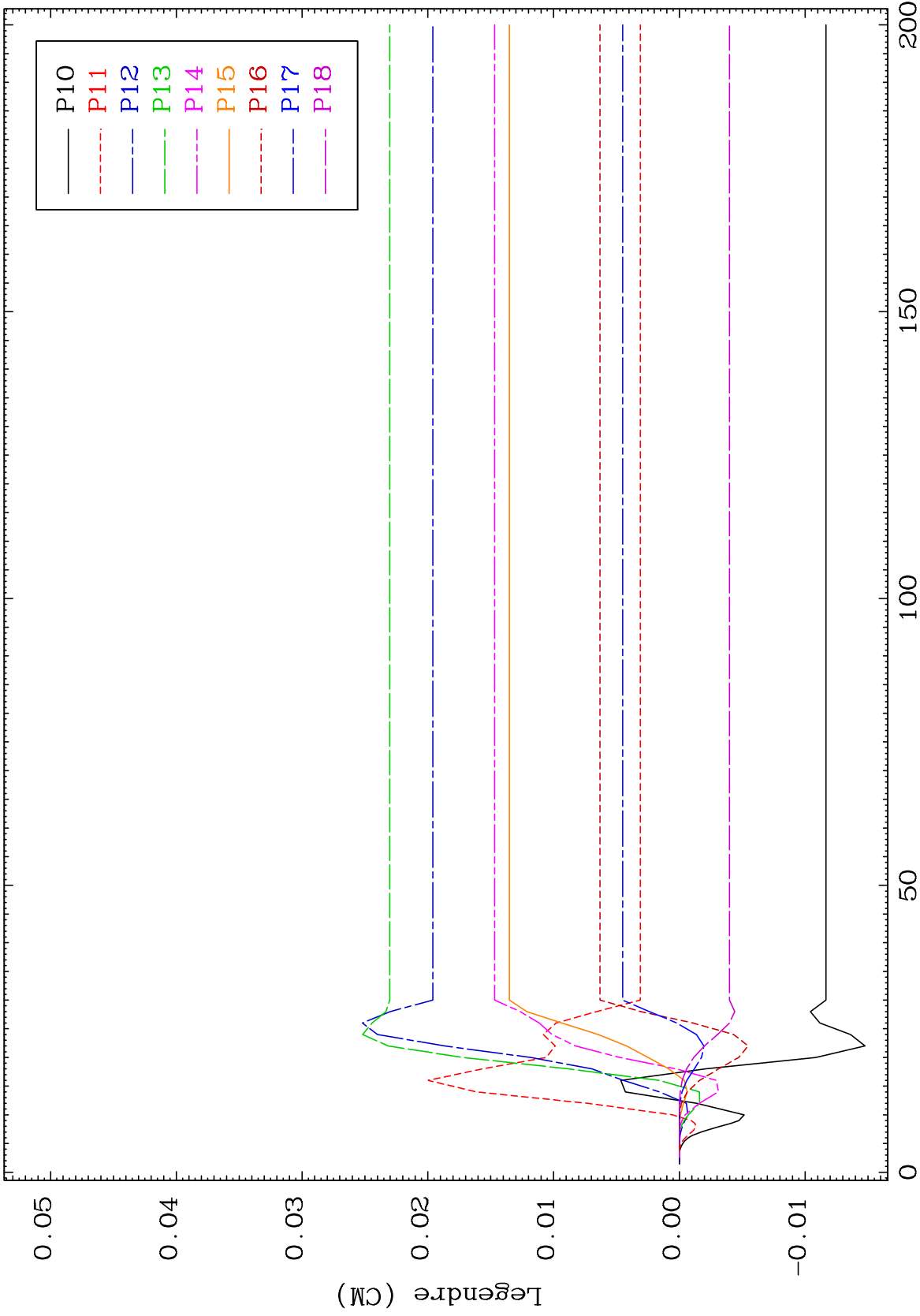
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



33

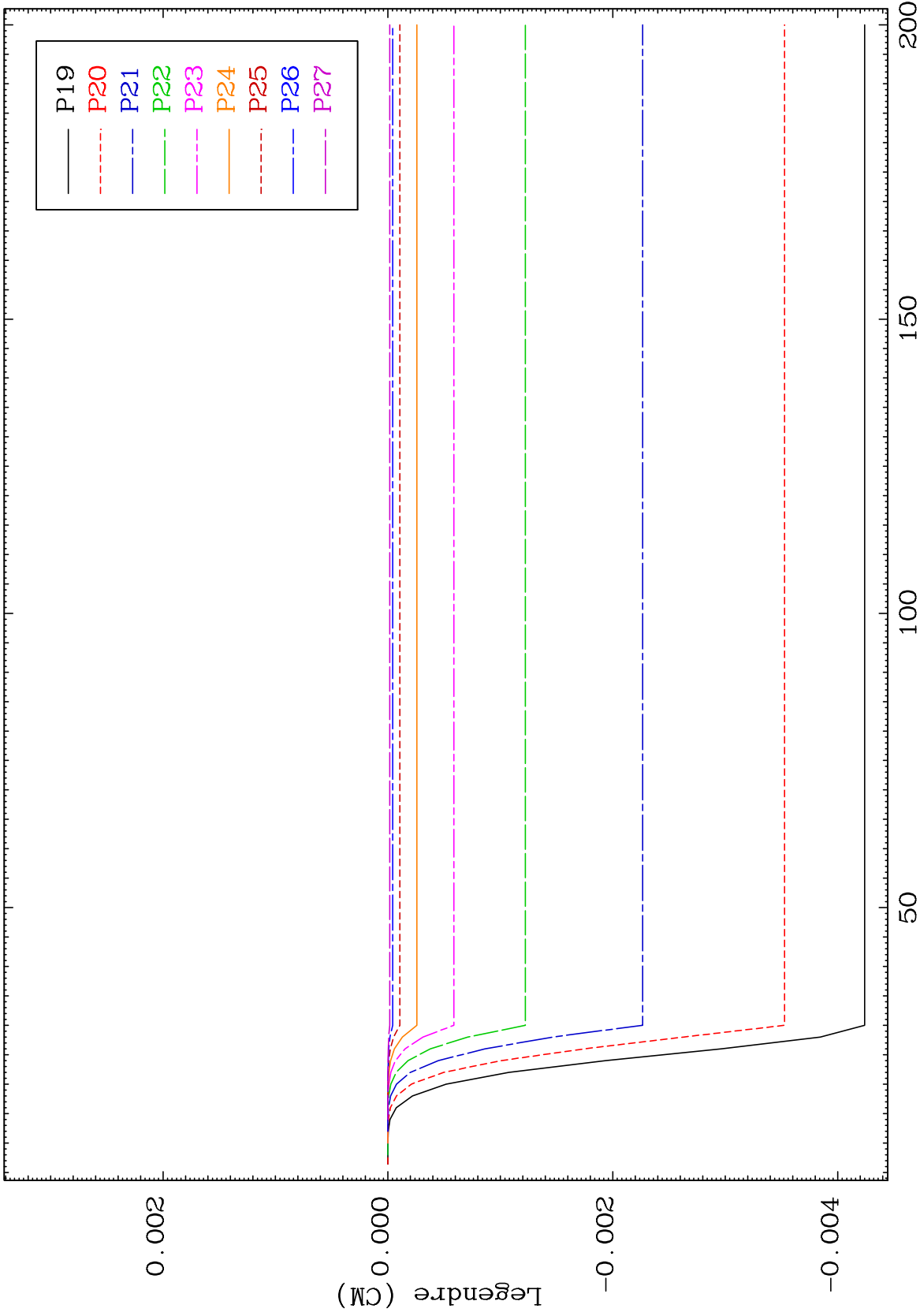
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



34

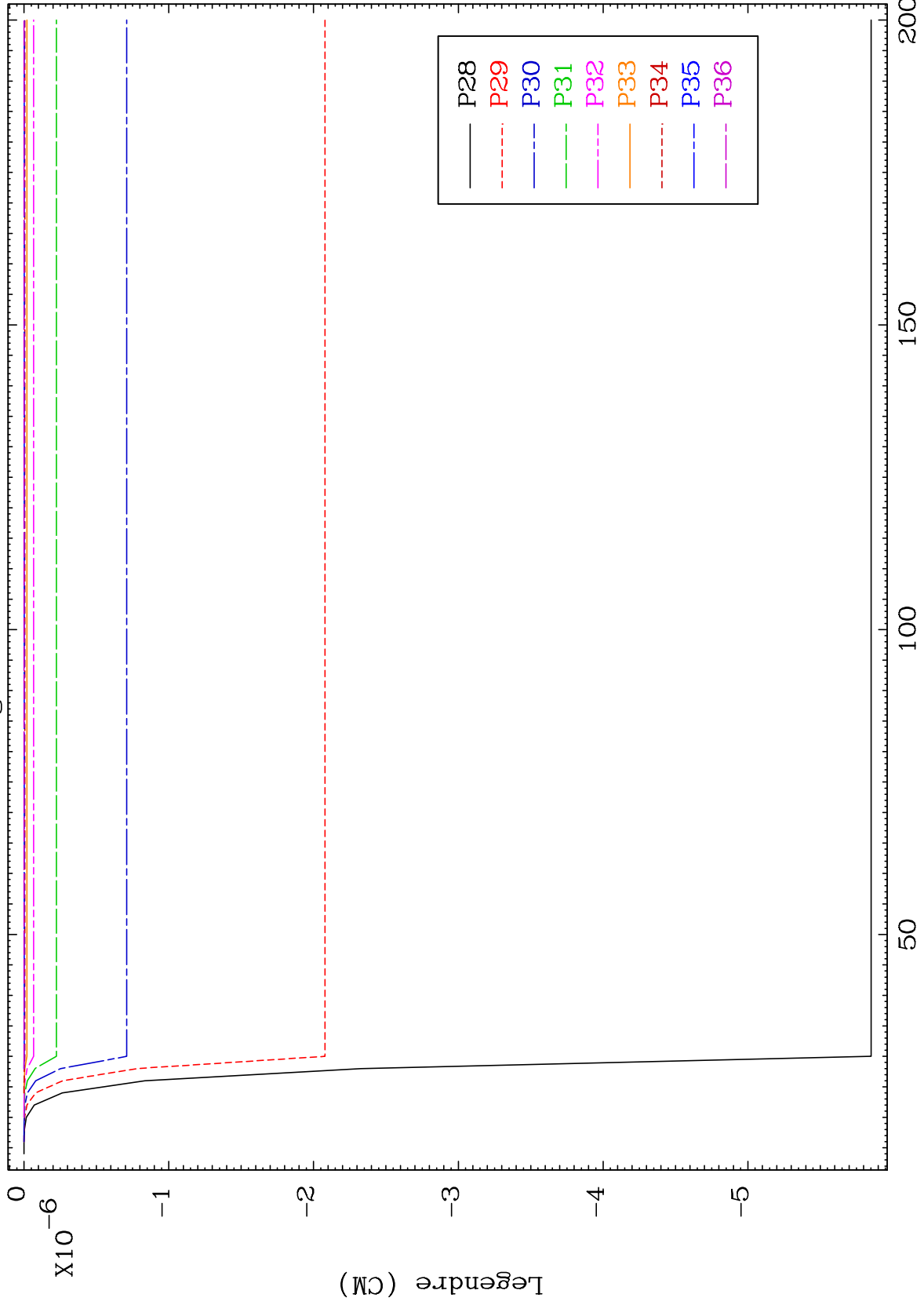
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146

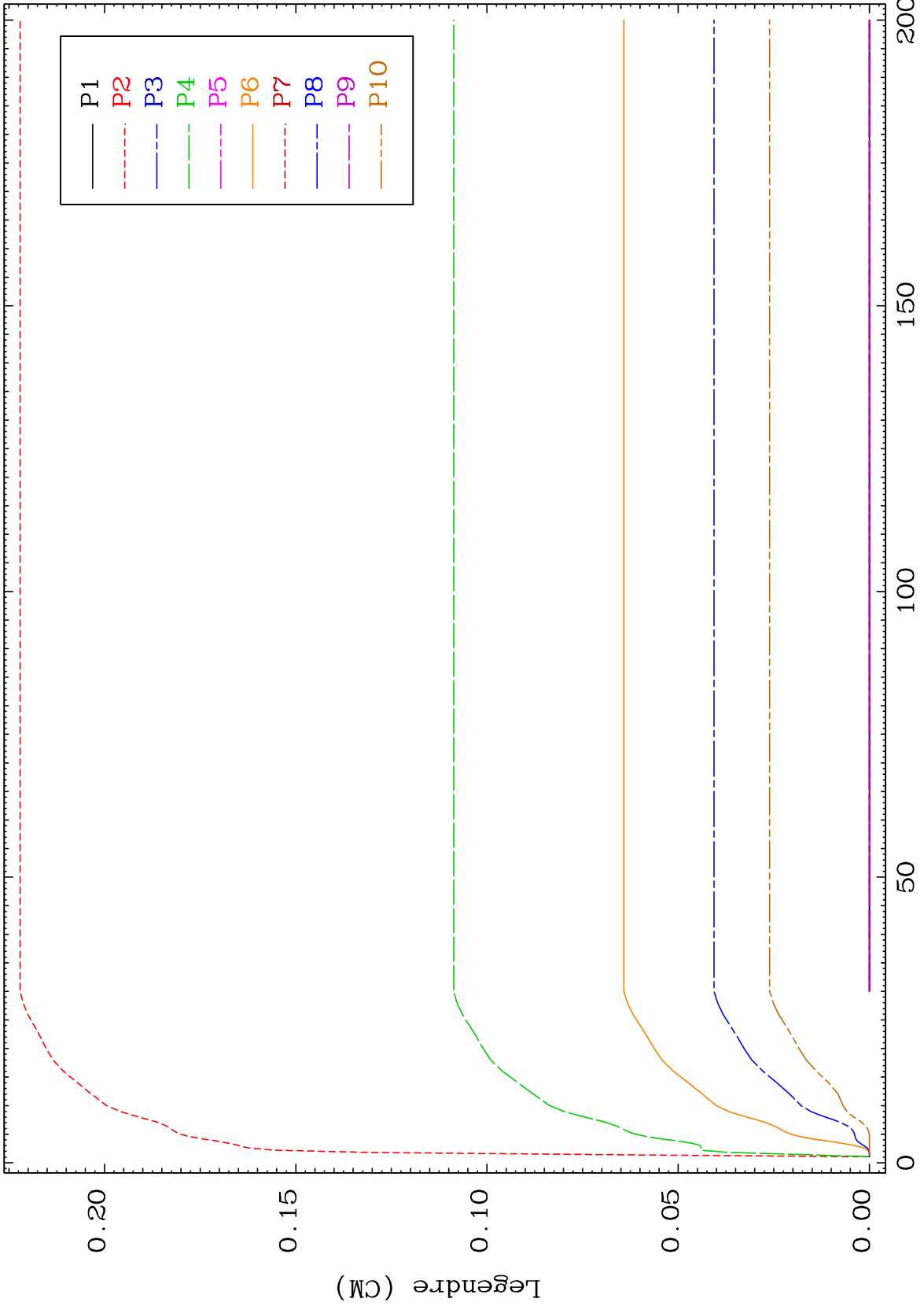


58-Ce-146

Incident Energy (MeV)

35

MAT 5855 MT= 55 (n,n') Level Legendre Coefficients 58-Ce-146

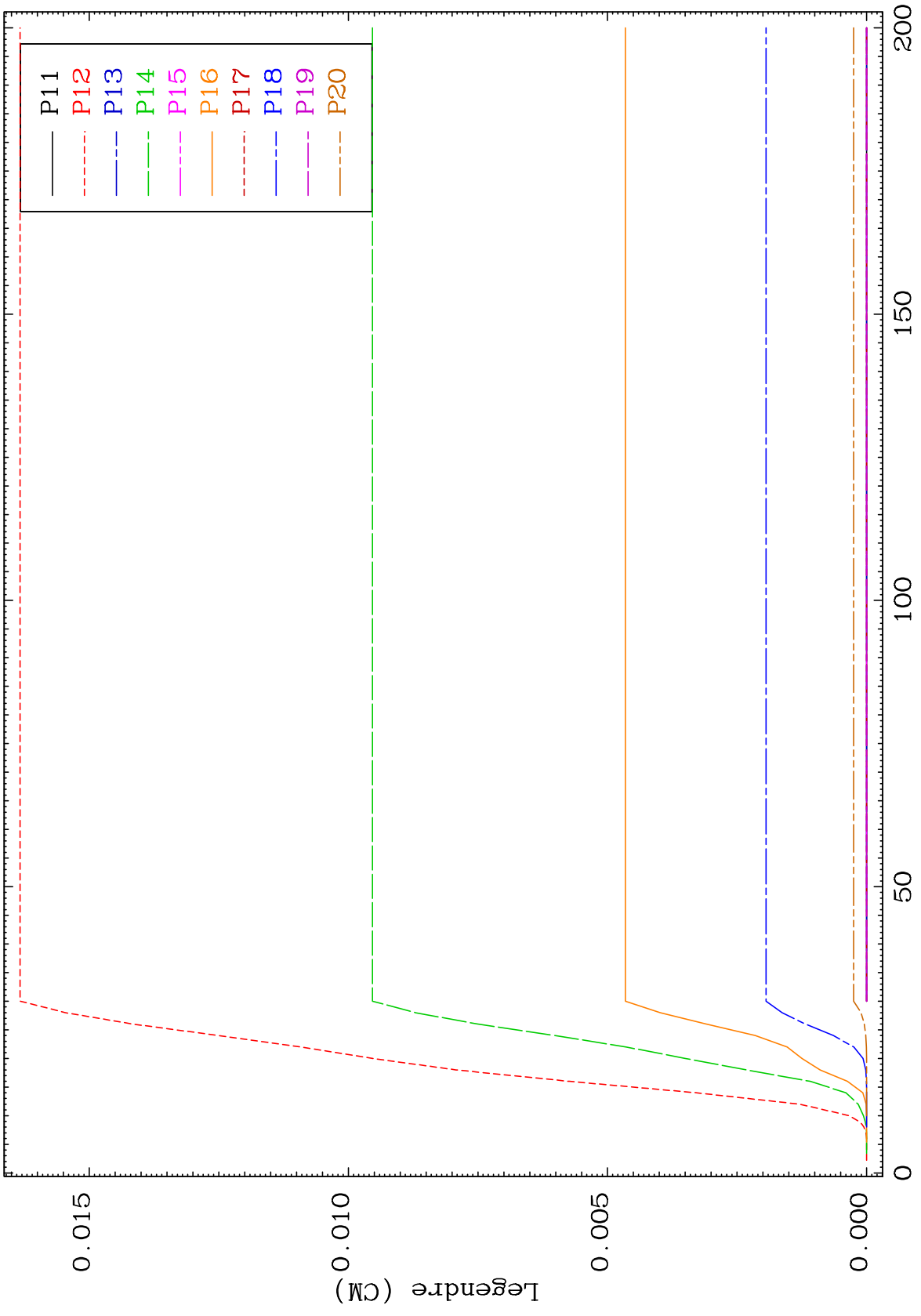


36 Incident Energy (MeV) 58-Ce-146

MAT 5855

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

58-Ce-146



37

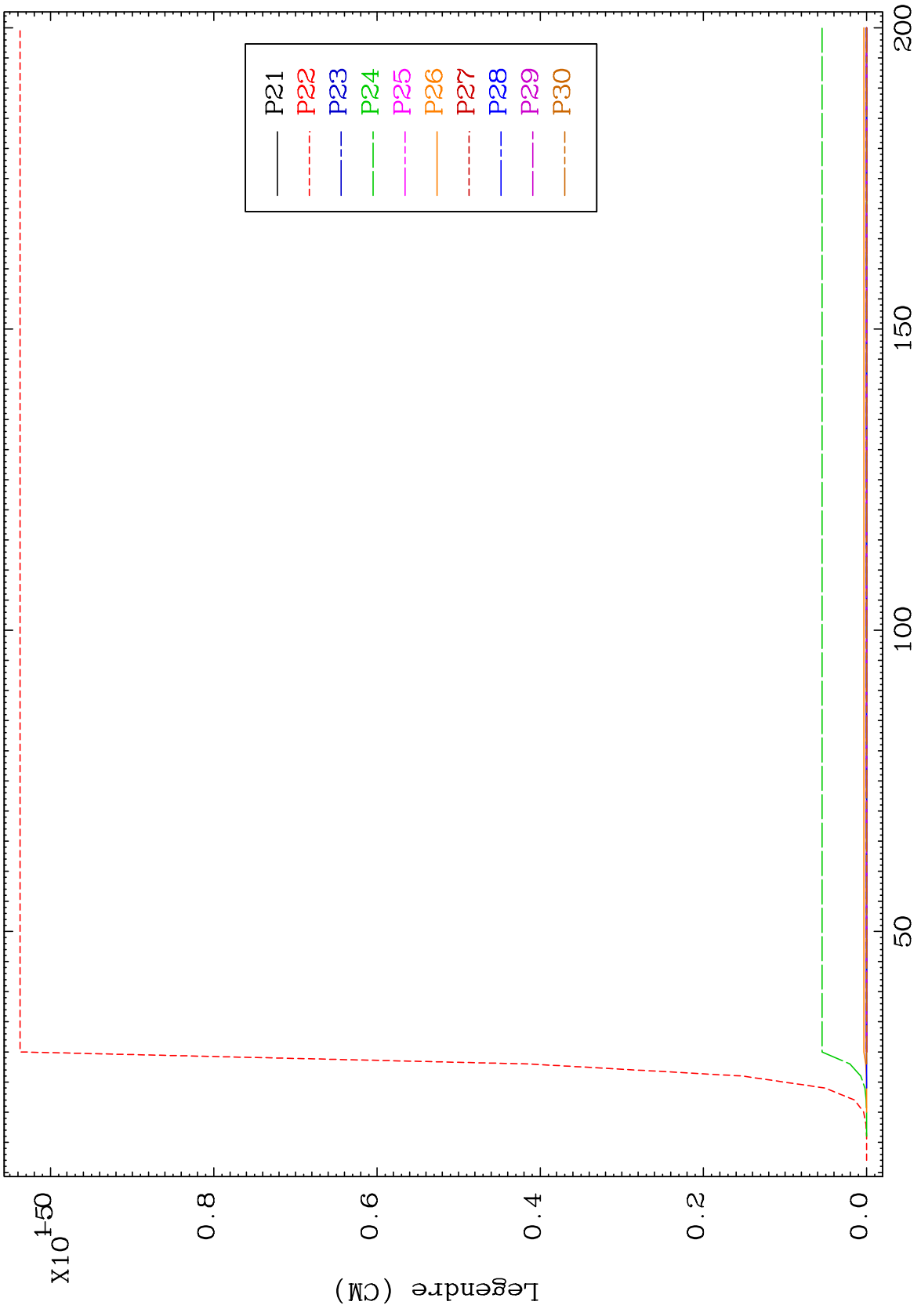
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



38

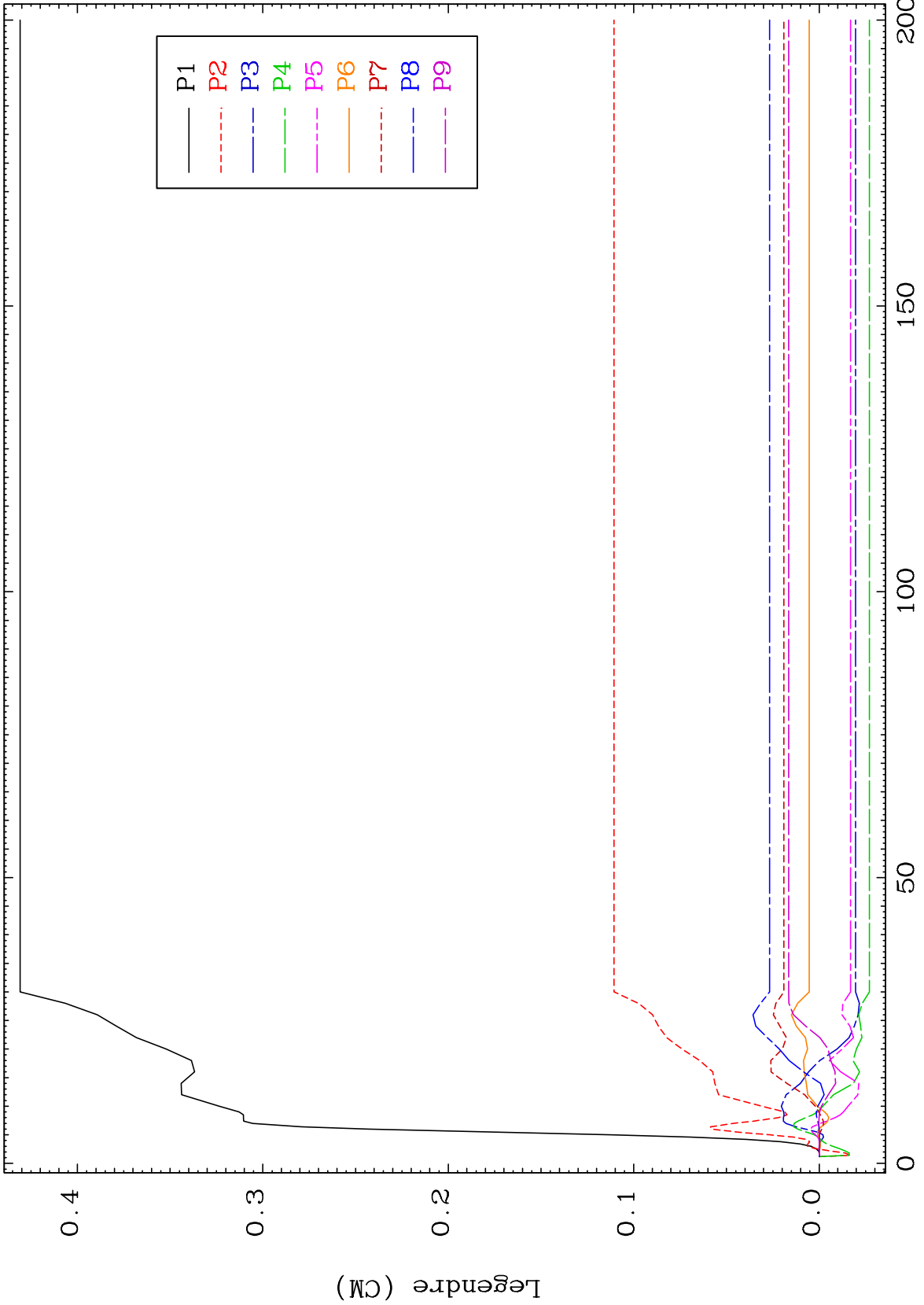
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



39

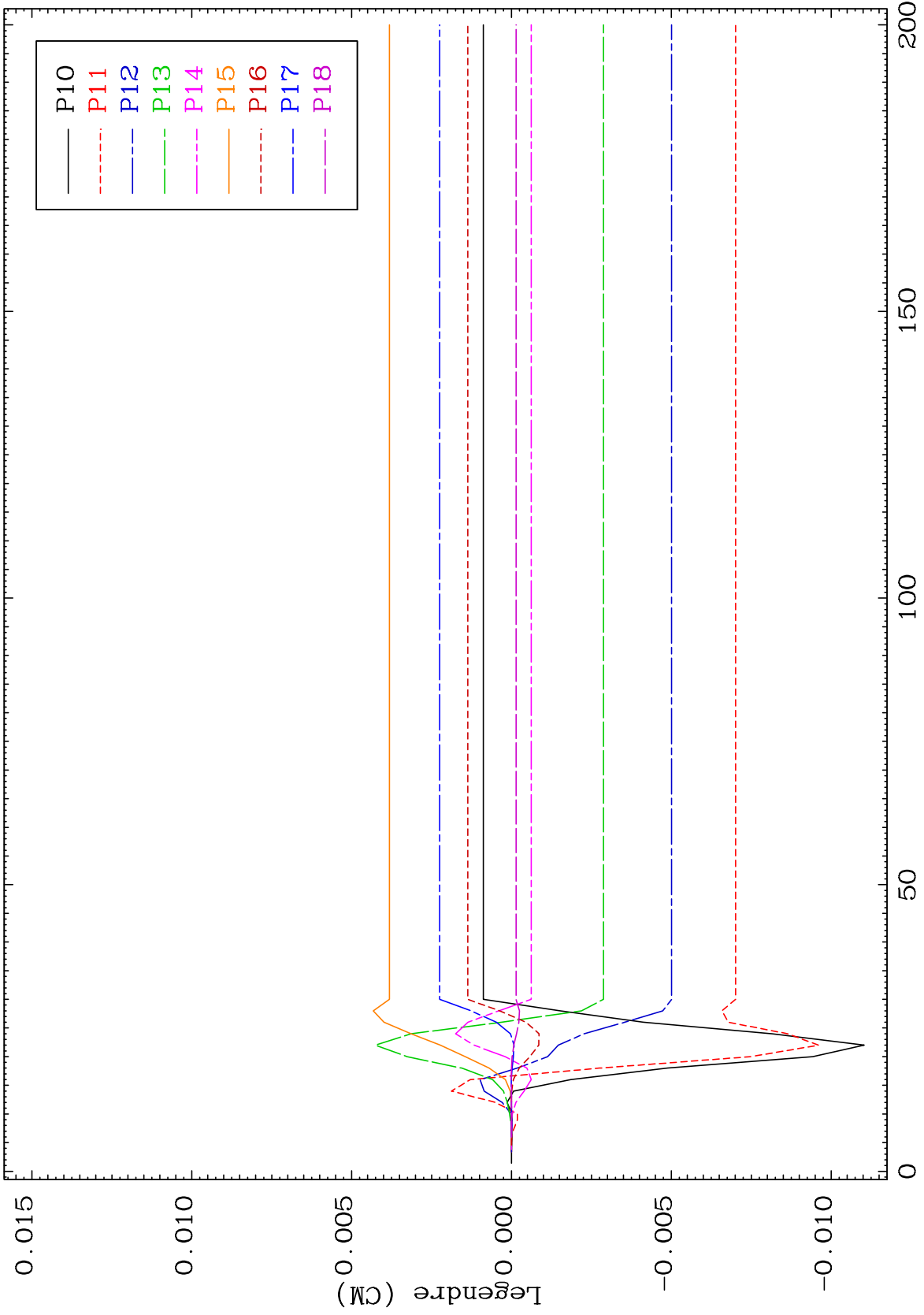
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



40

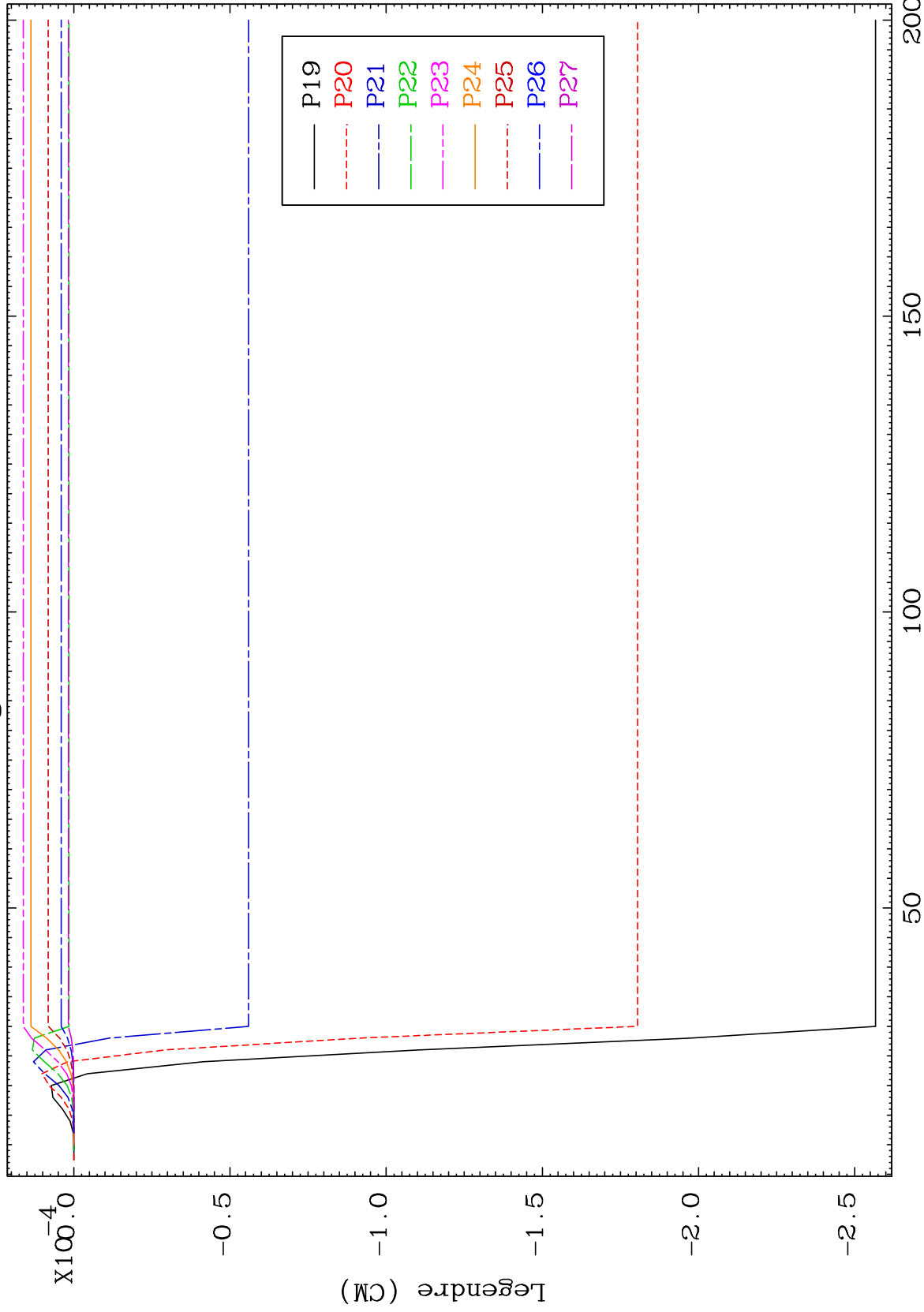
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



41

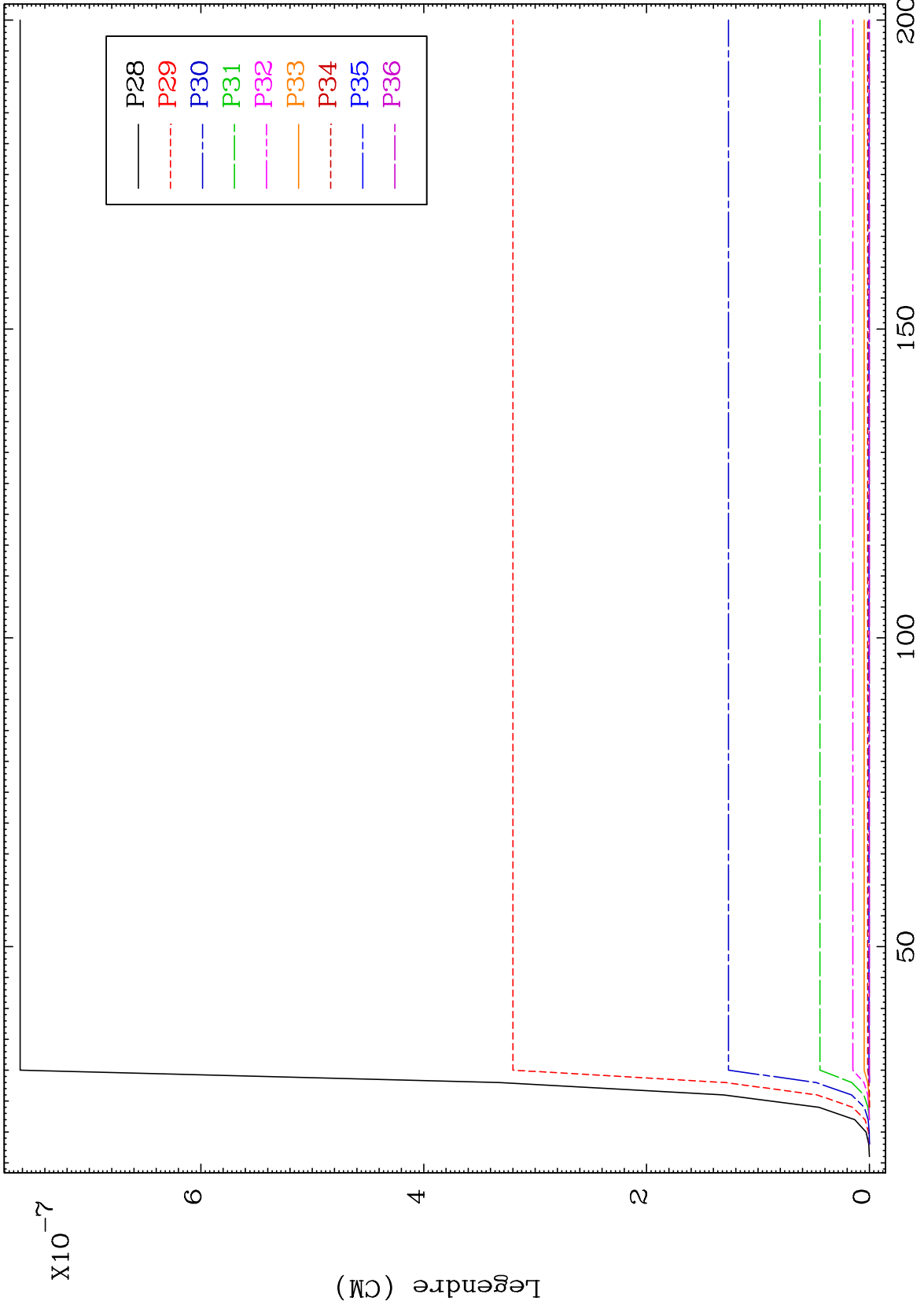
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



42

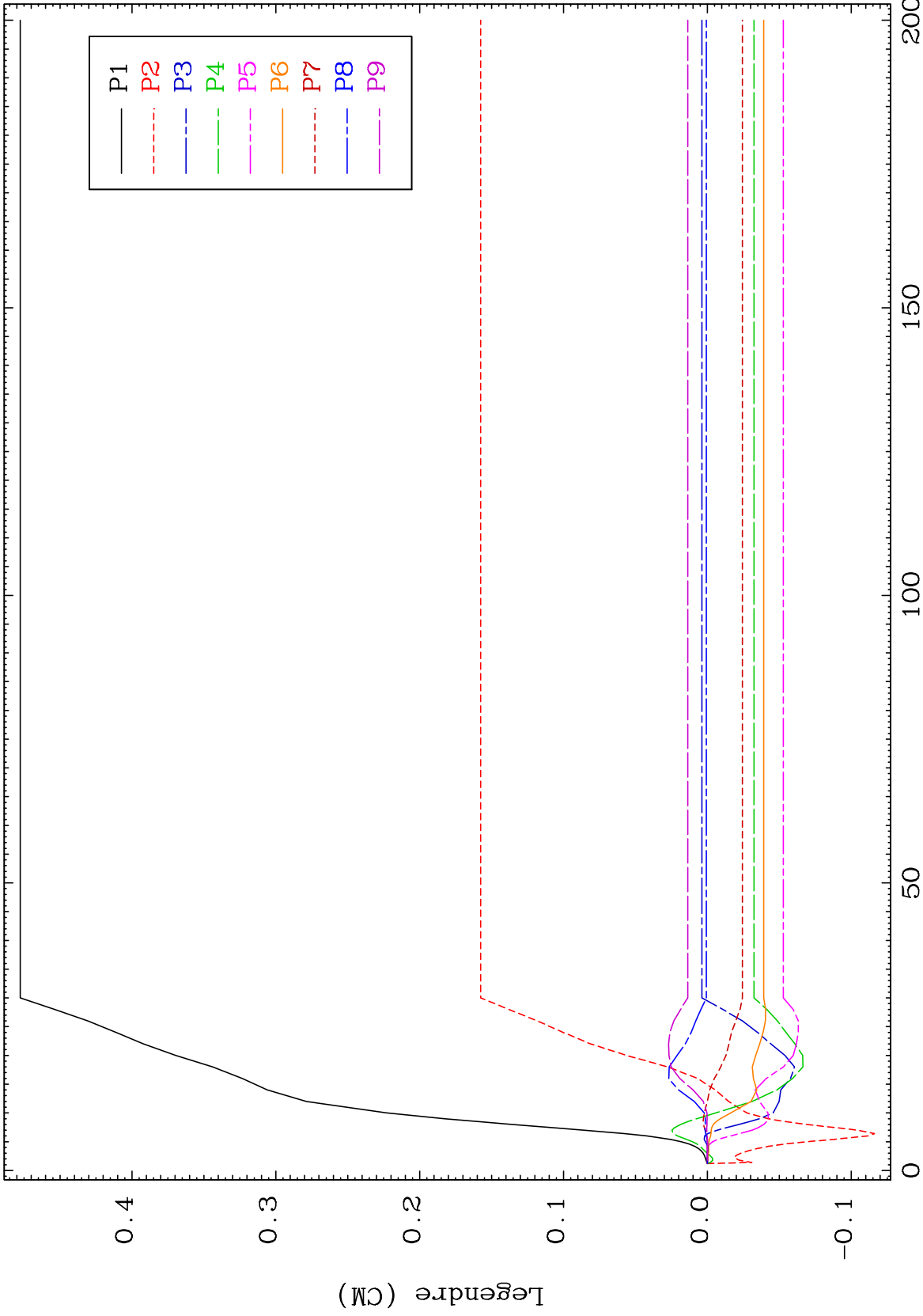
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



43

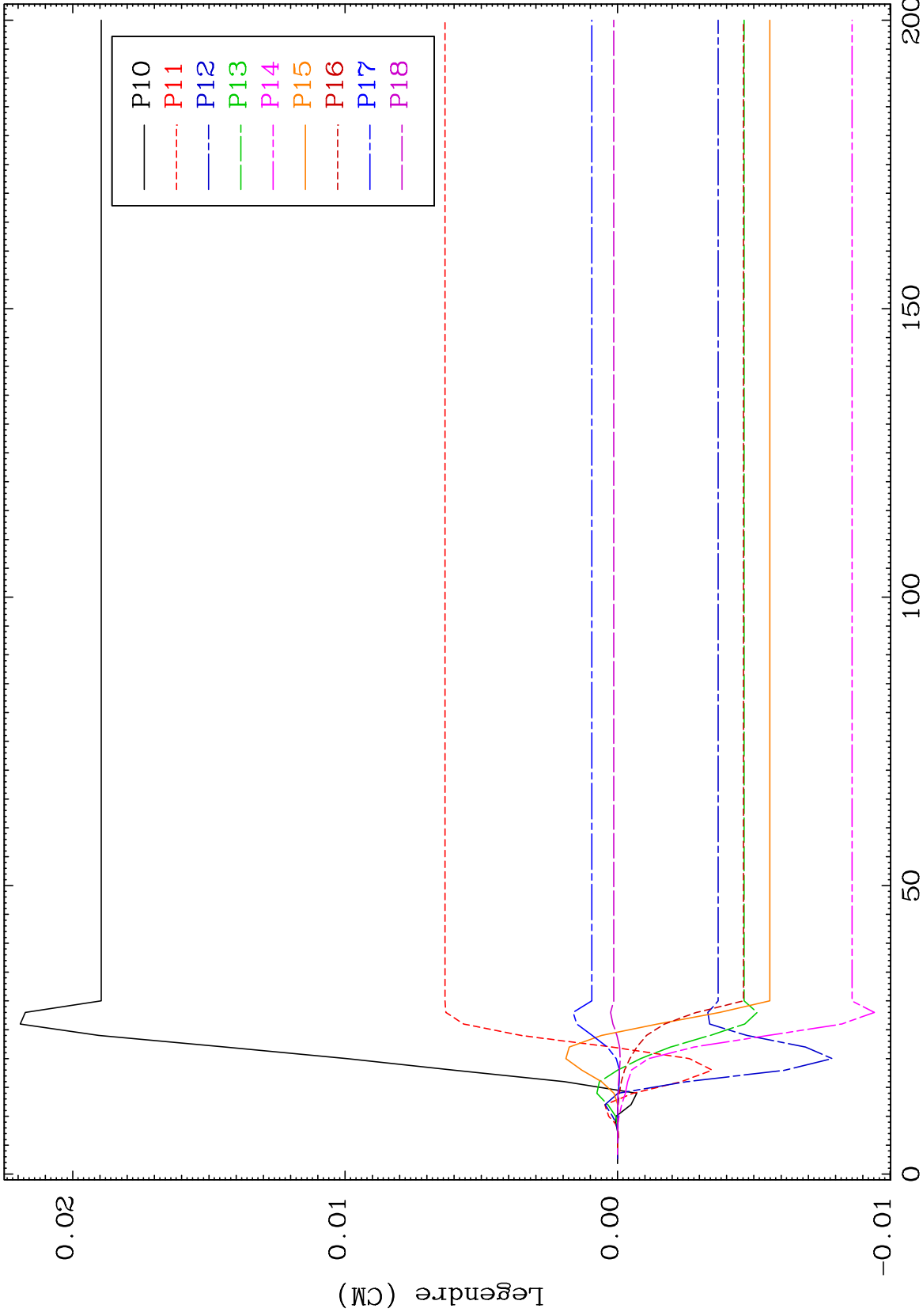
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



44

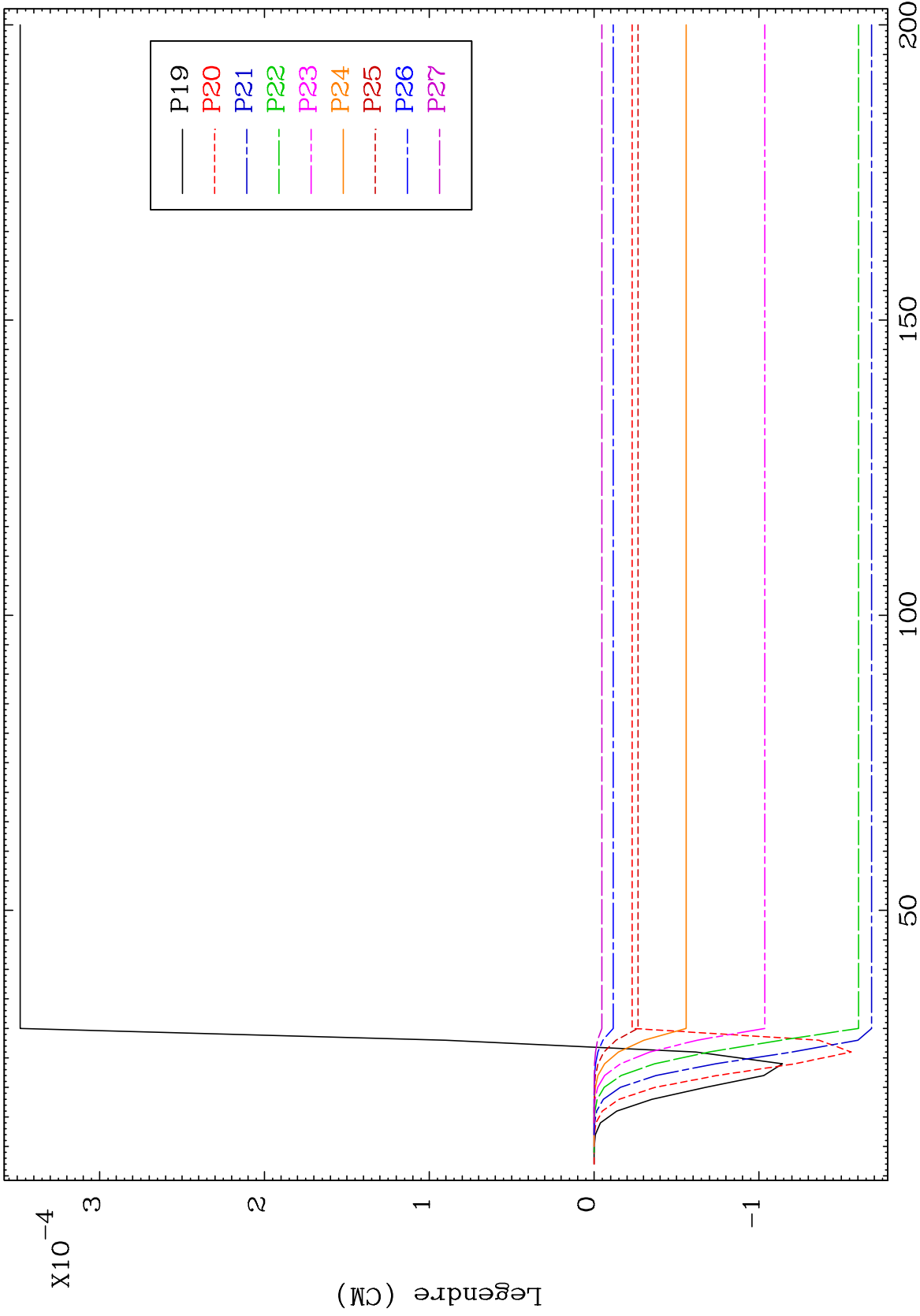
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



45

Incident Energy (MeV)

50

100

150

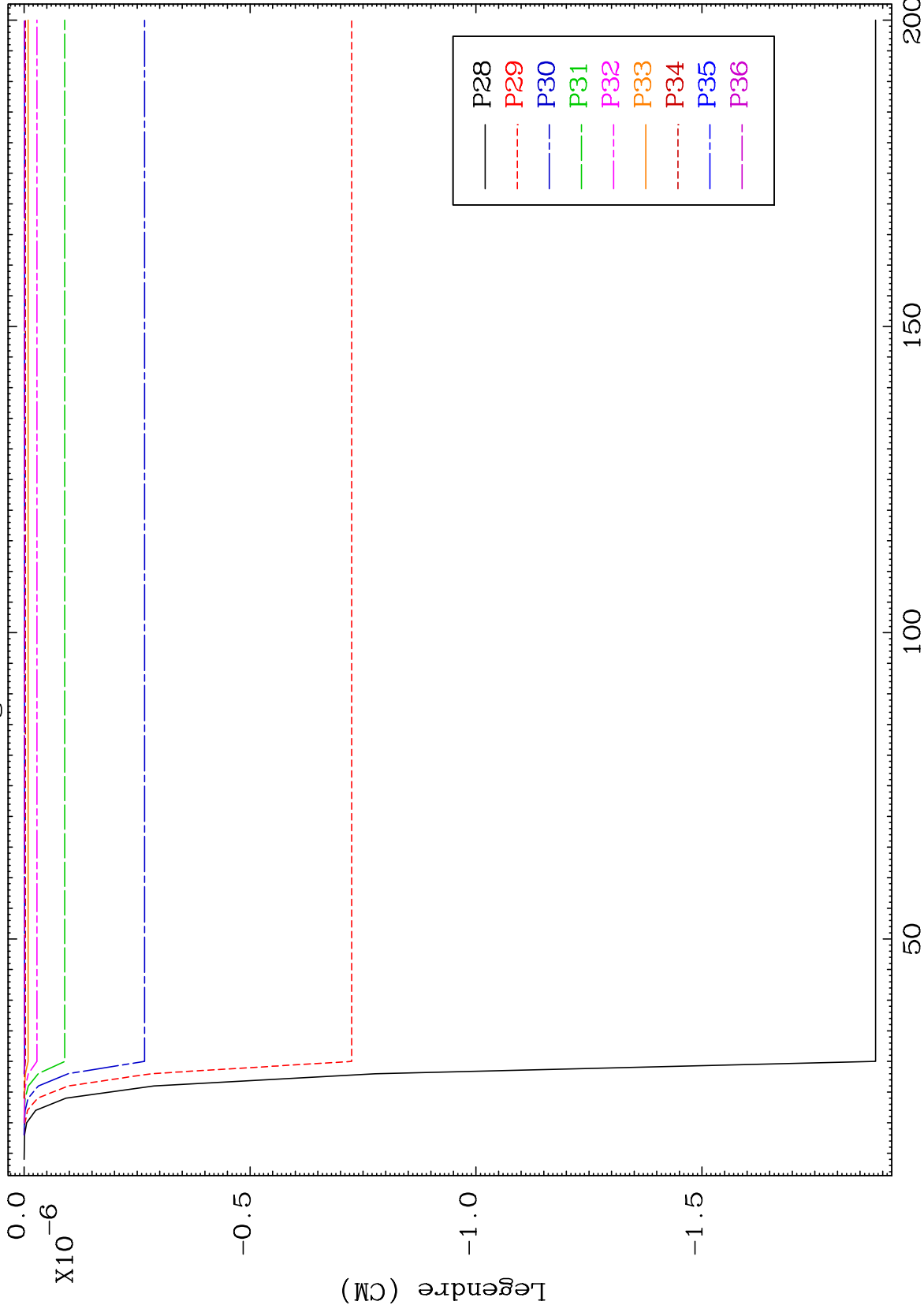
200

58-Ce-146

MAT 5855

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

58-Ce-146

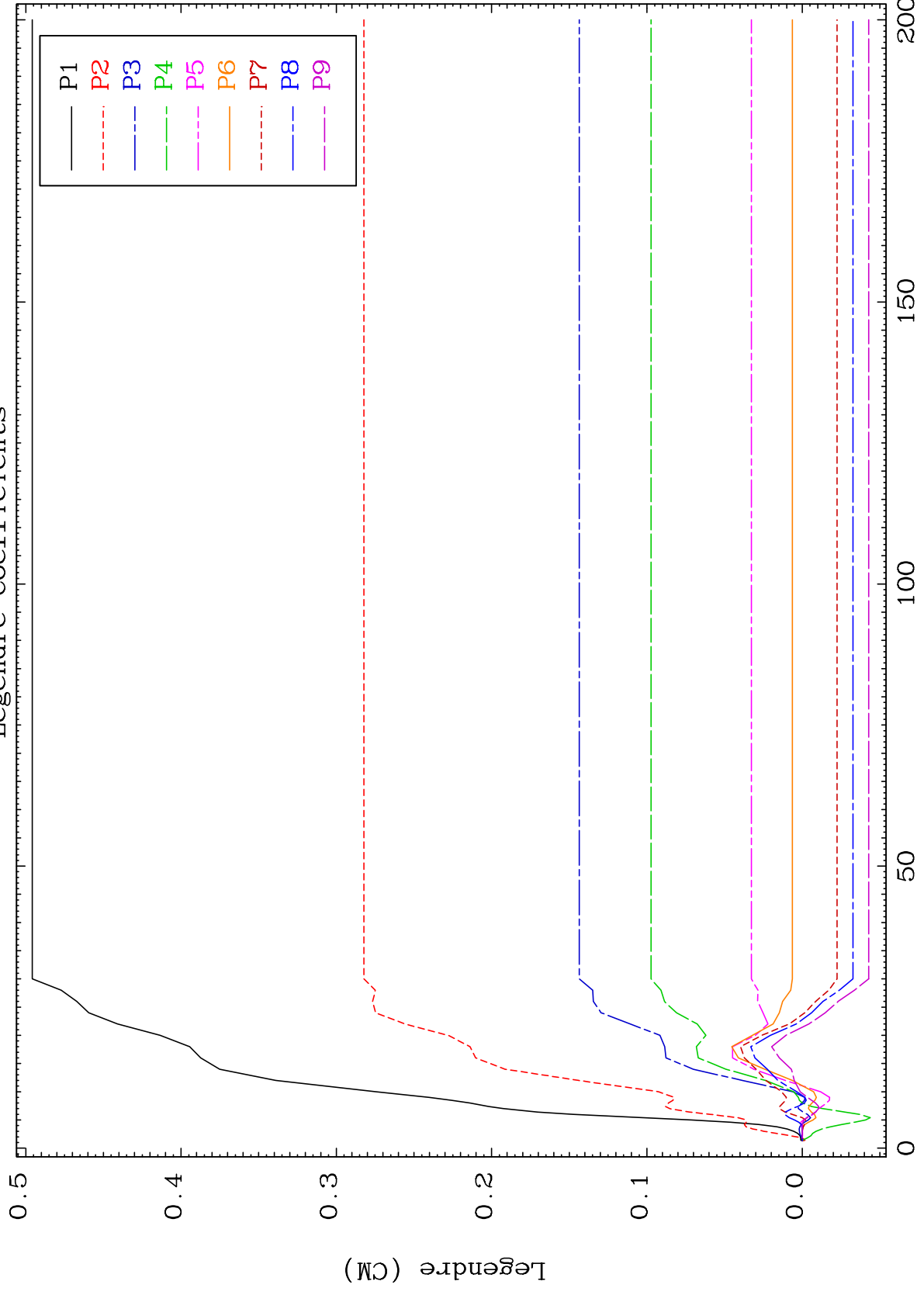


58-Ce-146

Incident Energy (MeV)

46

MAT 5855 MT= 58 (n,n') Level Legendre Coefficients 58-Ce-146

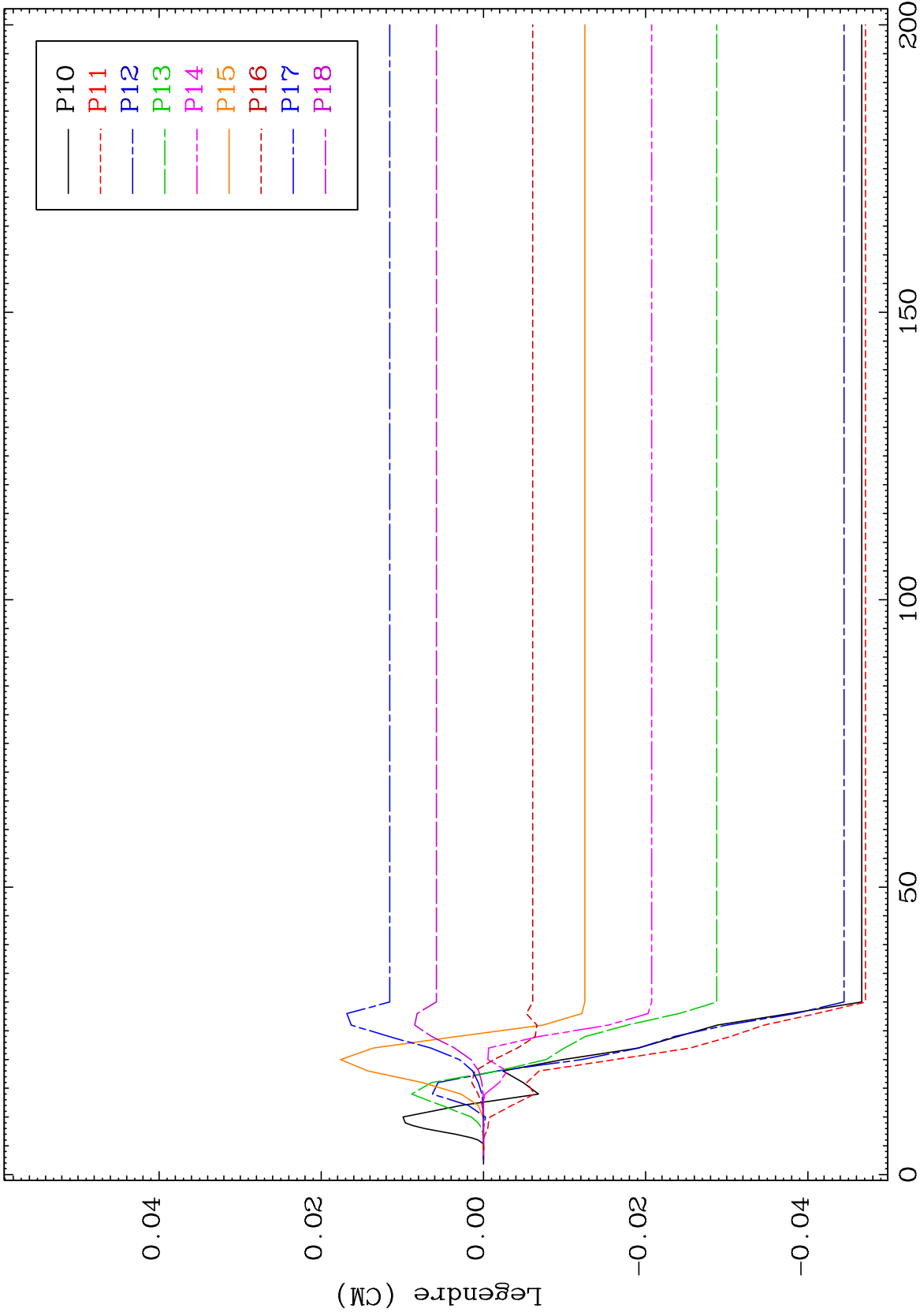


47 58-Ce-146

MAT 5855

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

58-Ce-146



48

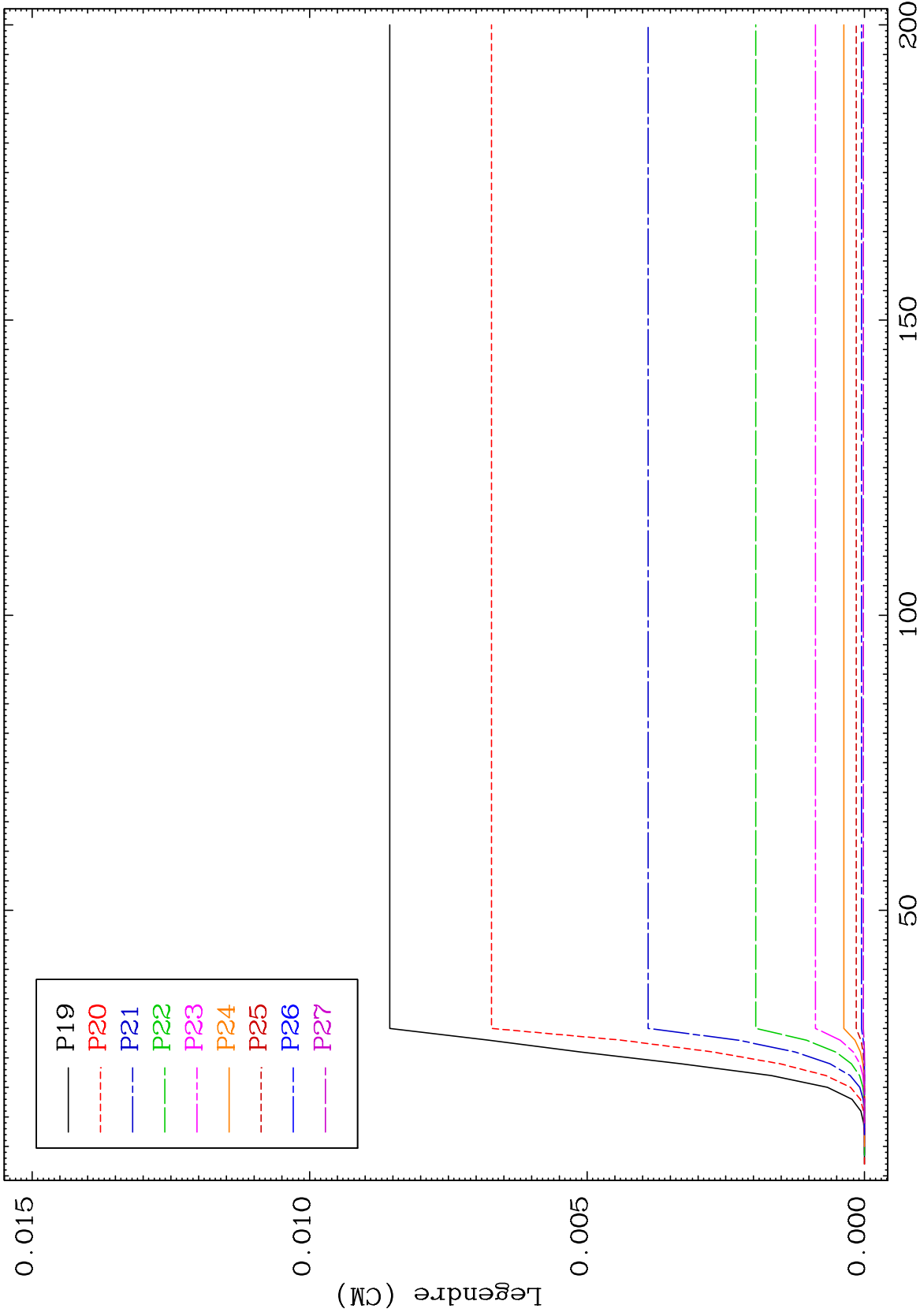
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



49

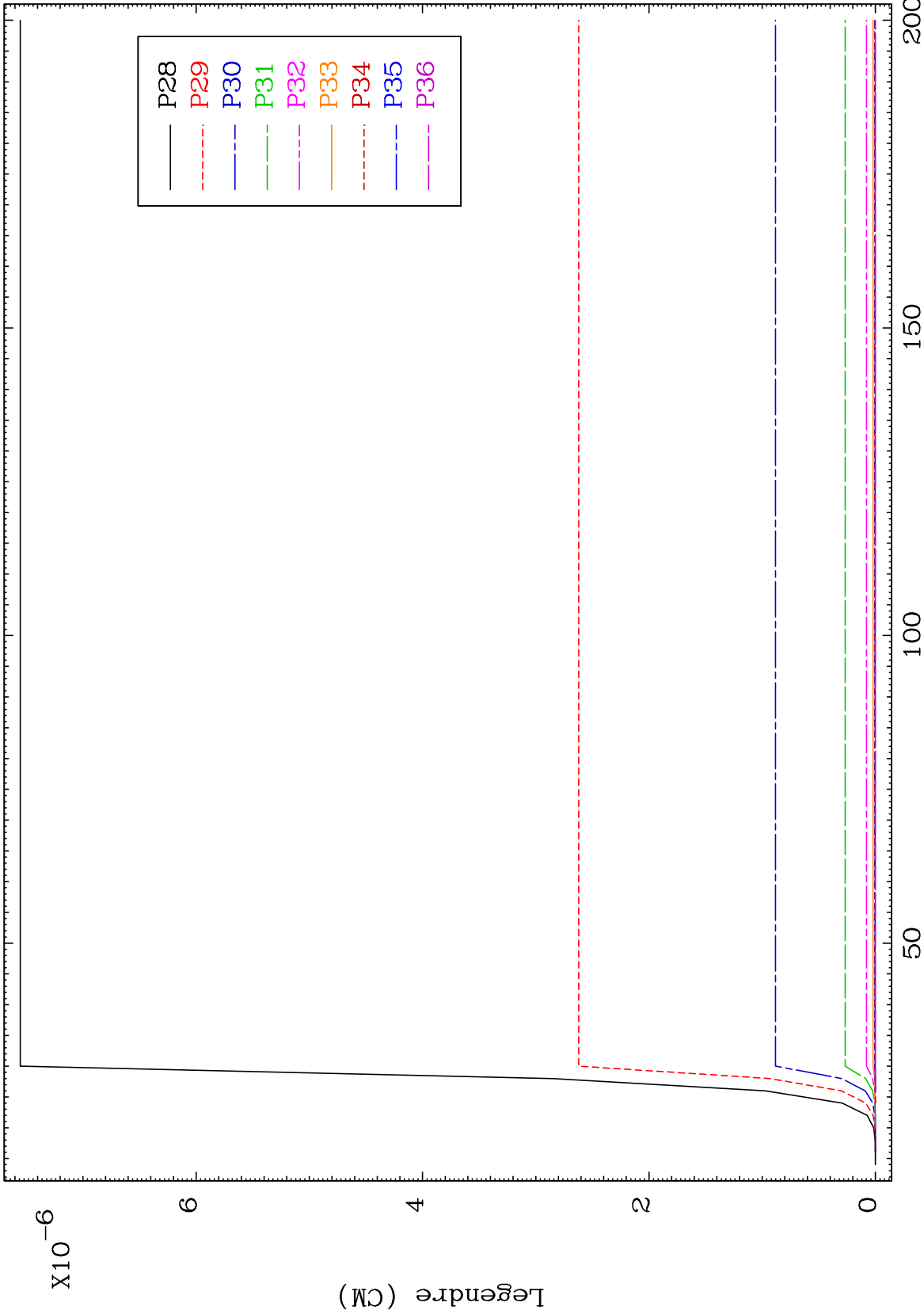
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



50

50

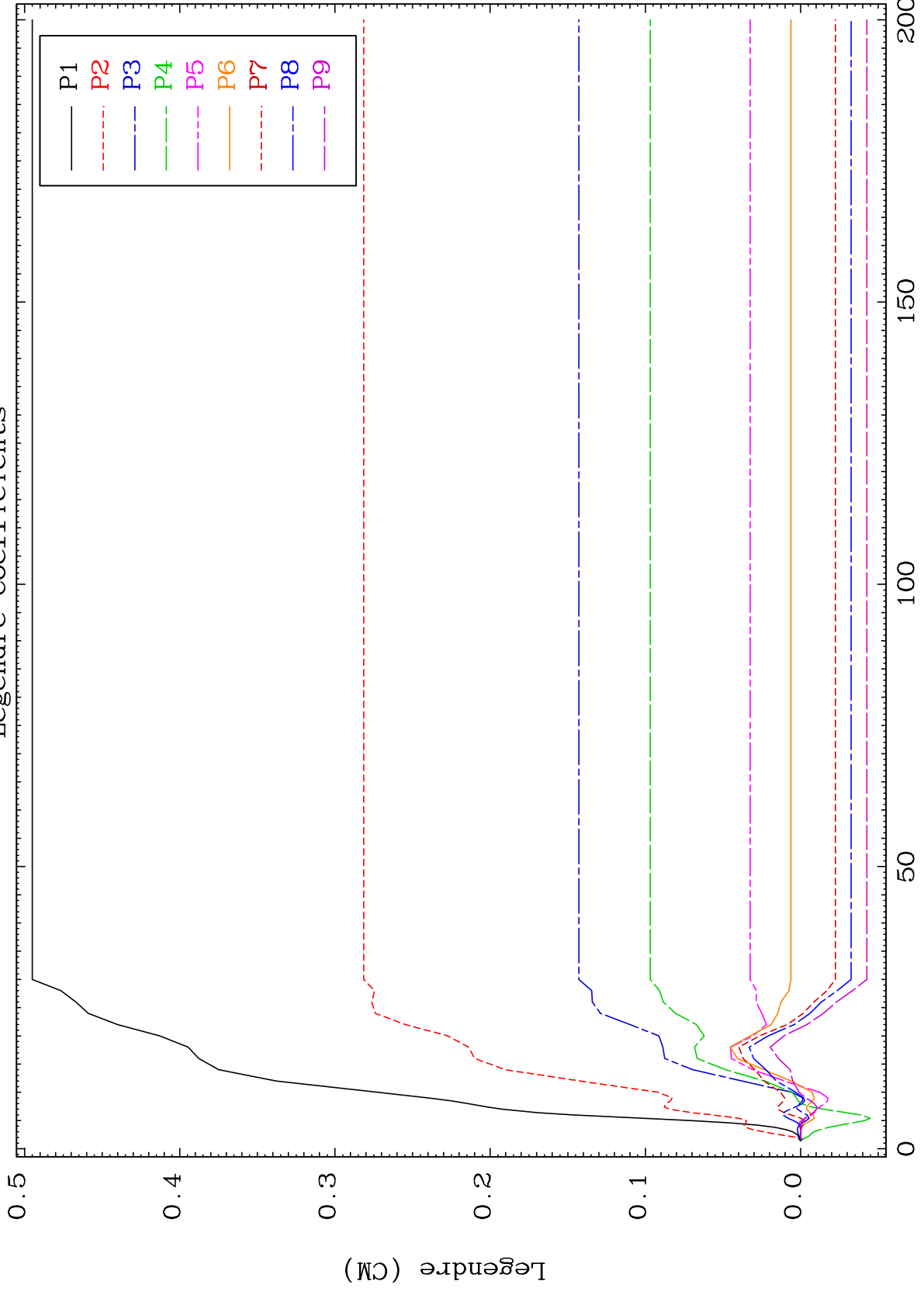
100

150

200

58-Ce-146

MAT 5855 MT= 59 (n,n') Level Legendre Coefficients 58-Ce-146

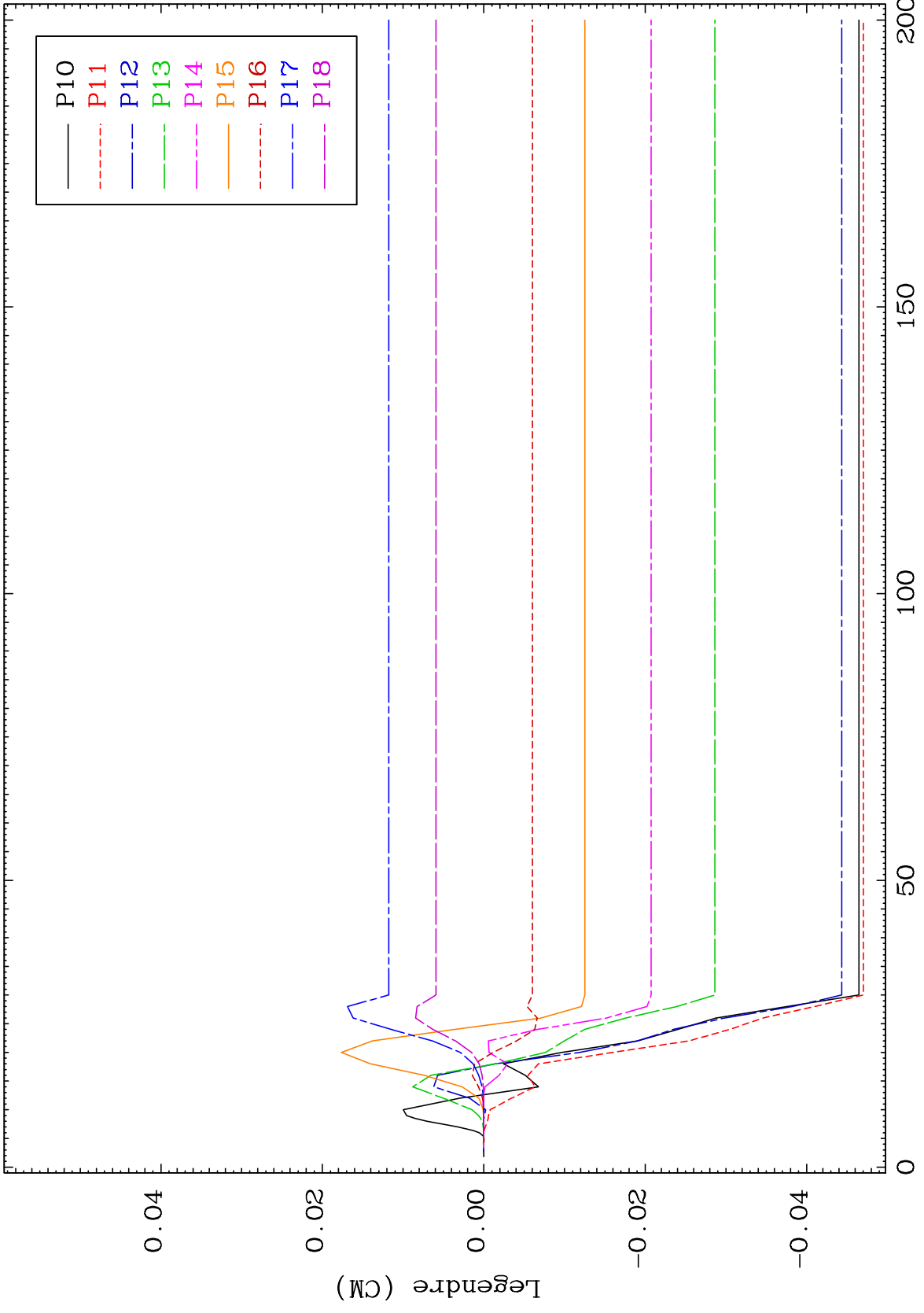


51 58-Ce-146

MAT 5855

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

58-Ce-146



52

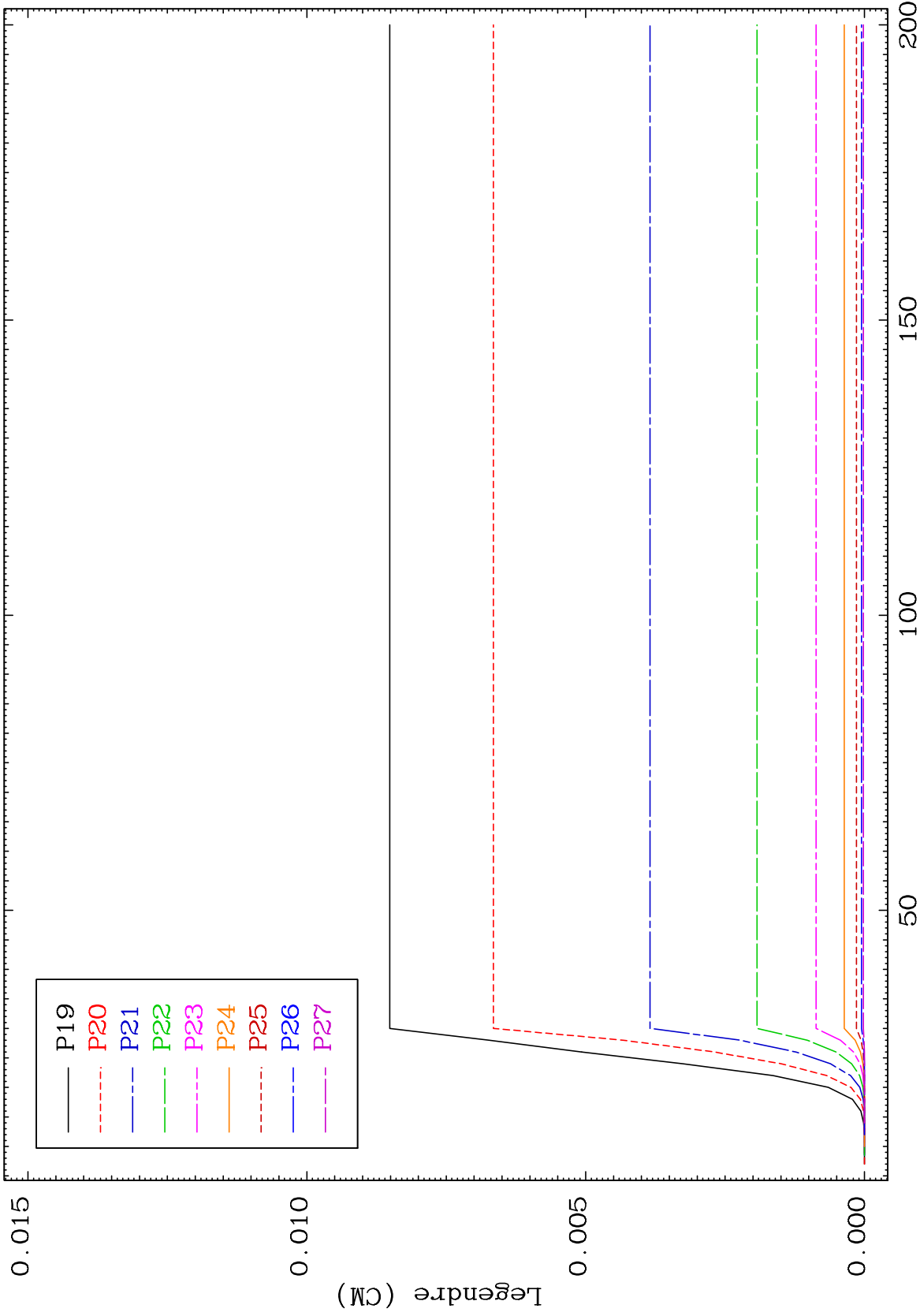
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



53

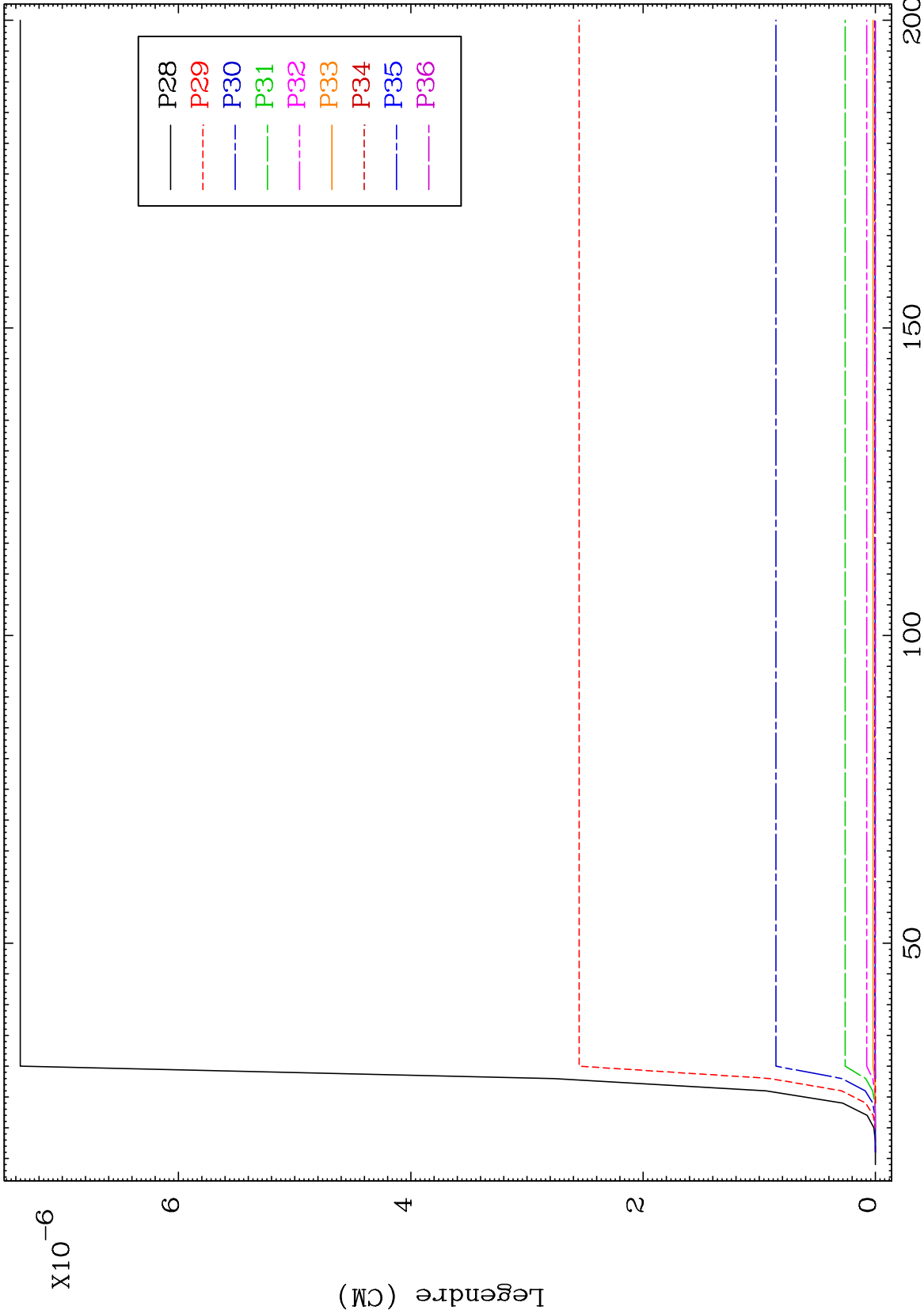
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



54

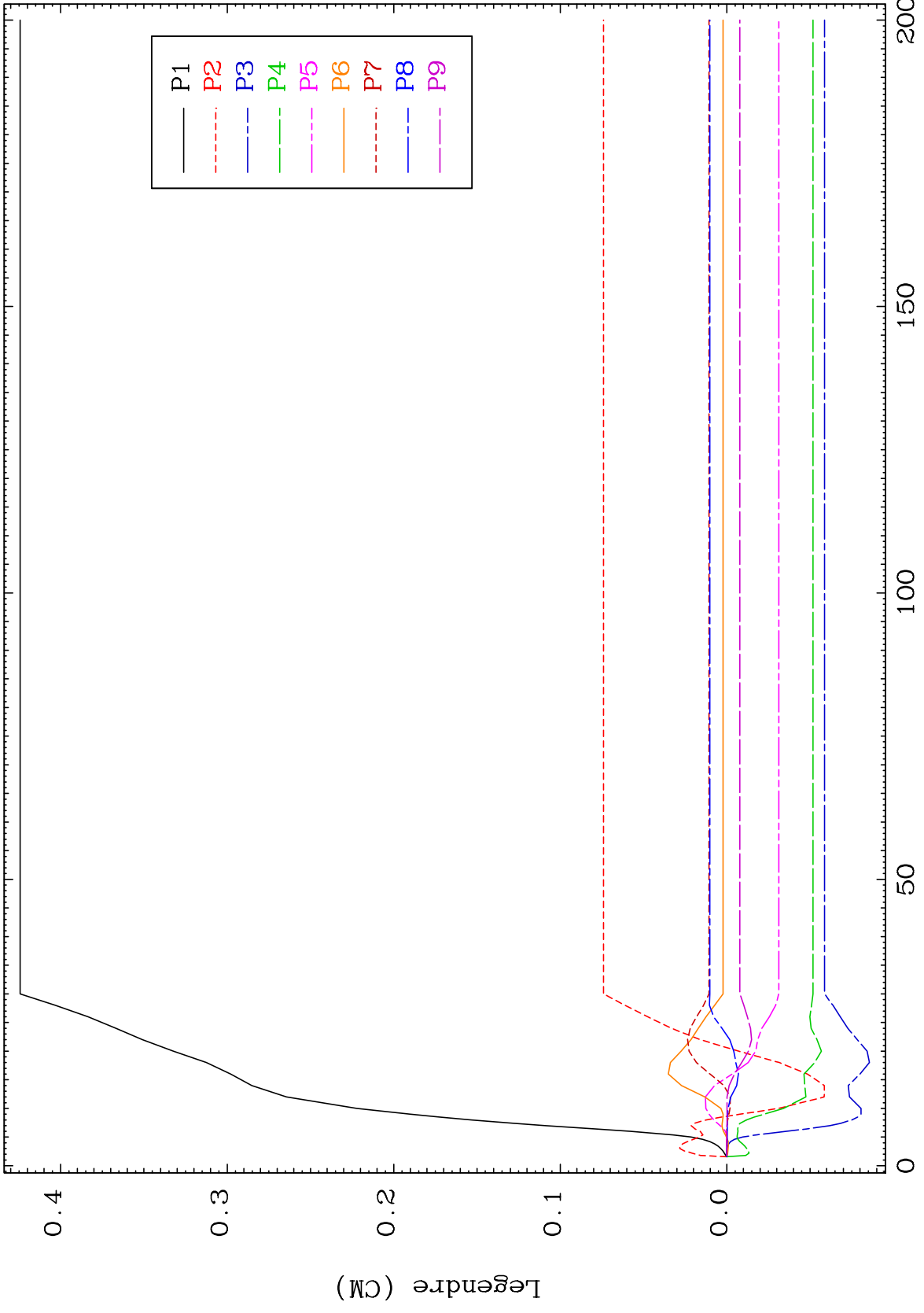
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



58-Ce-146

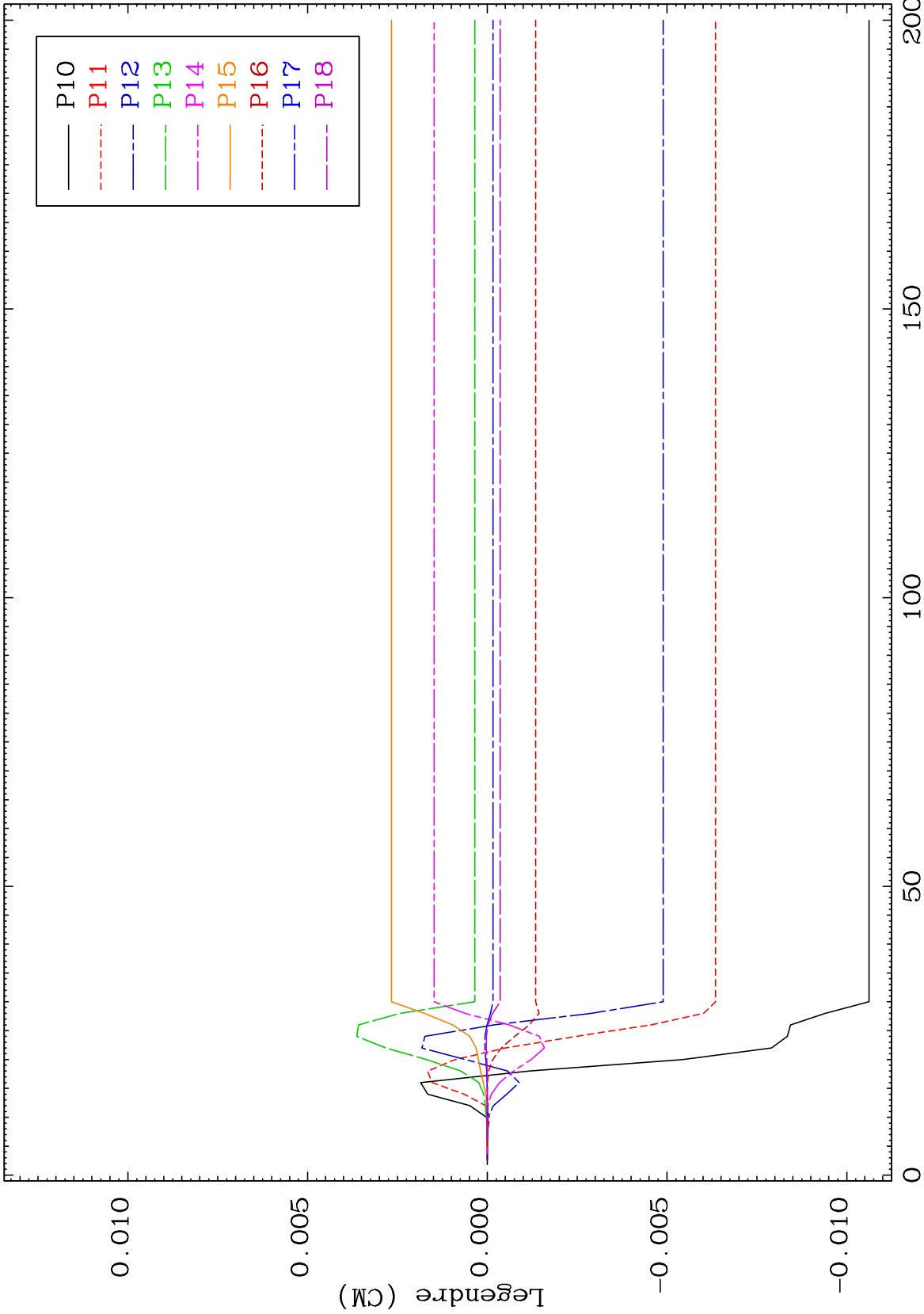
Incident Energy (MeV)

55

MAT 5855

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

58-Ce-146

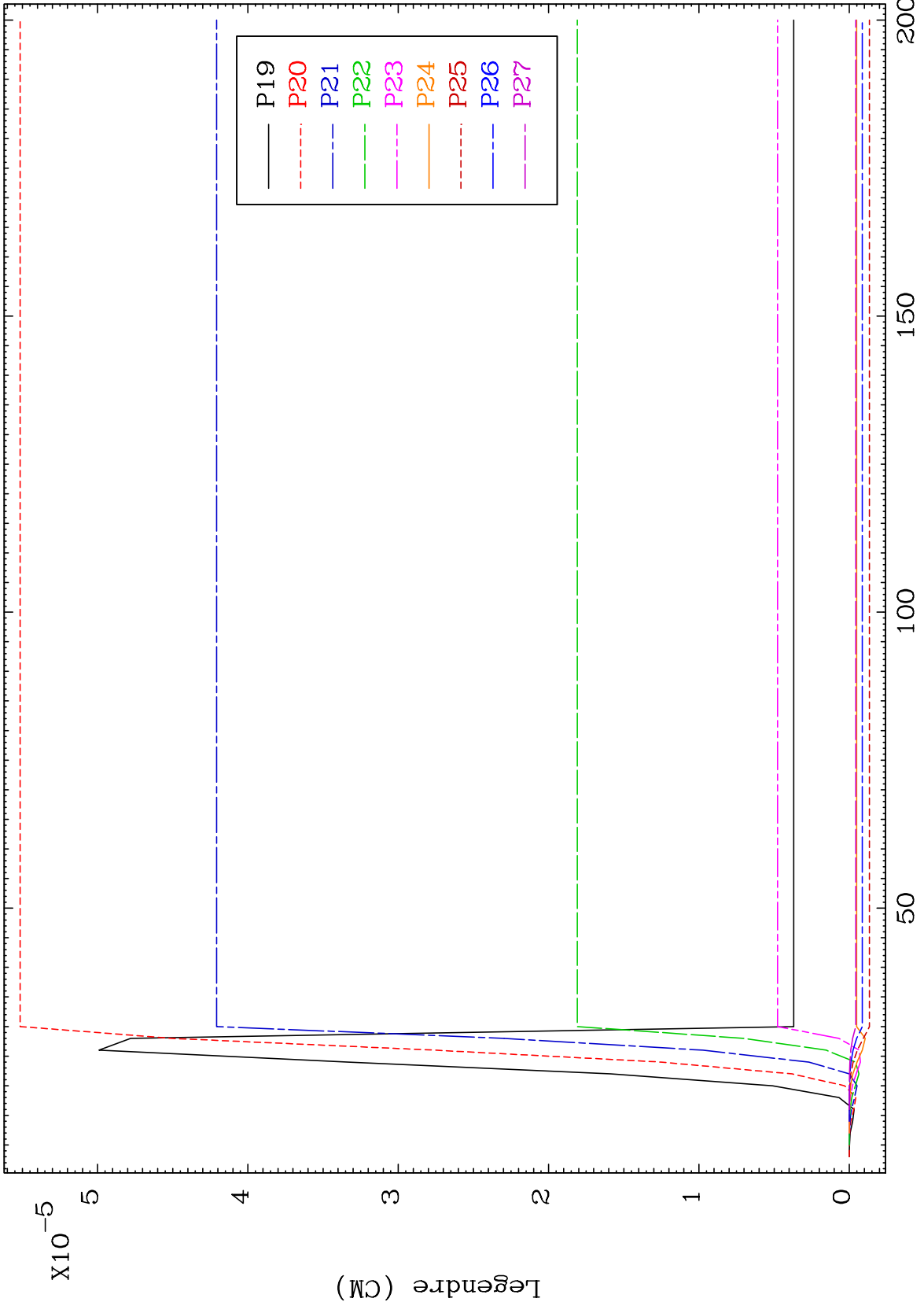


56

Incident Energy (MeV)

58-Ce-146

MAT 5855 MT= 60 (n,n') Level Legendre Coefficients 58-Ce-146

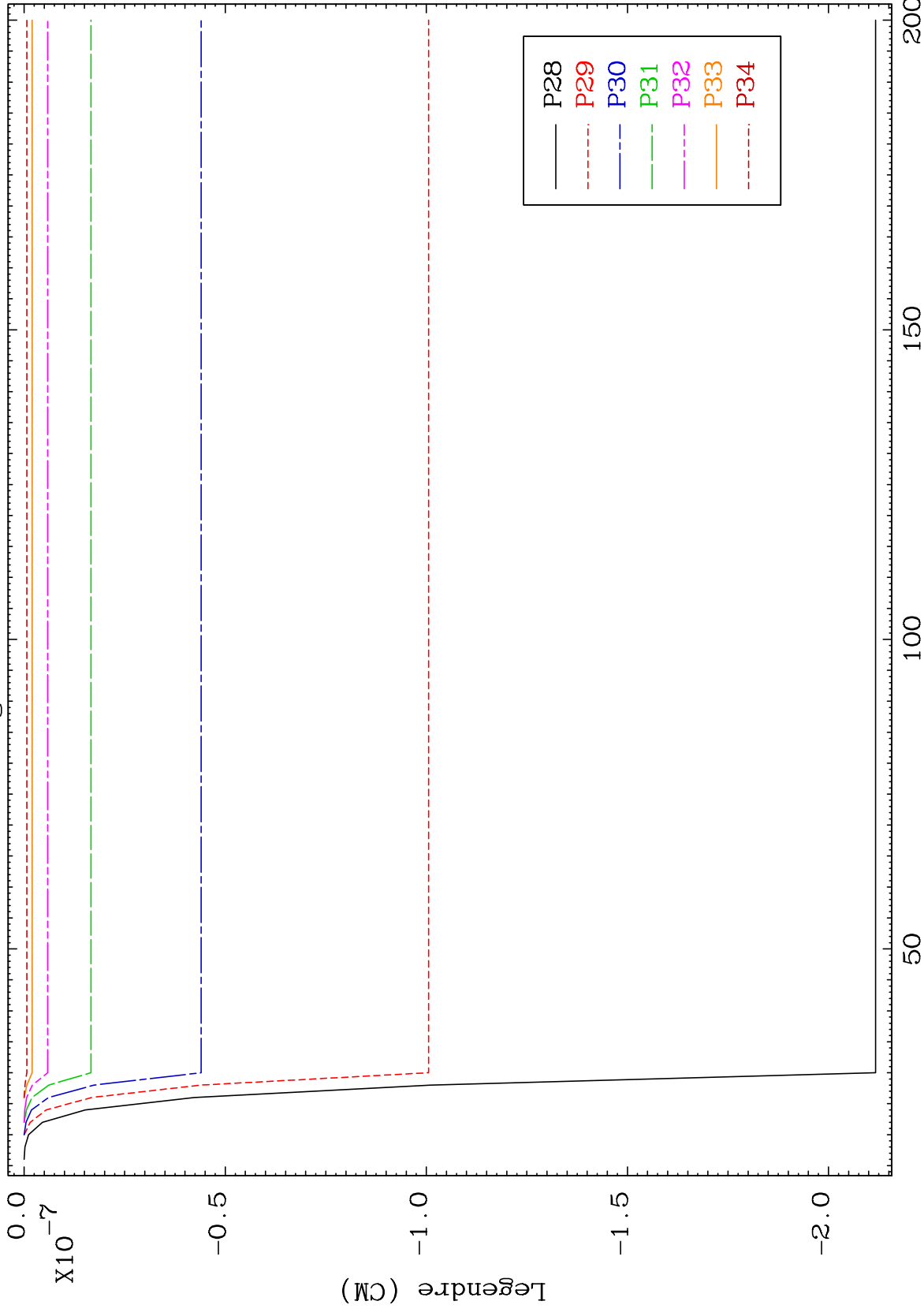


57 58-Ce-146

MAT 5855

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

58-Ce-146



58-Ce-146

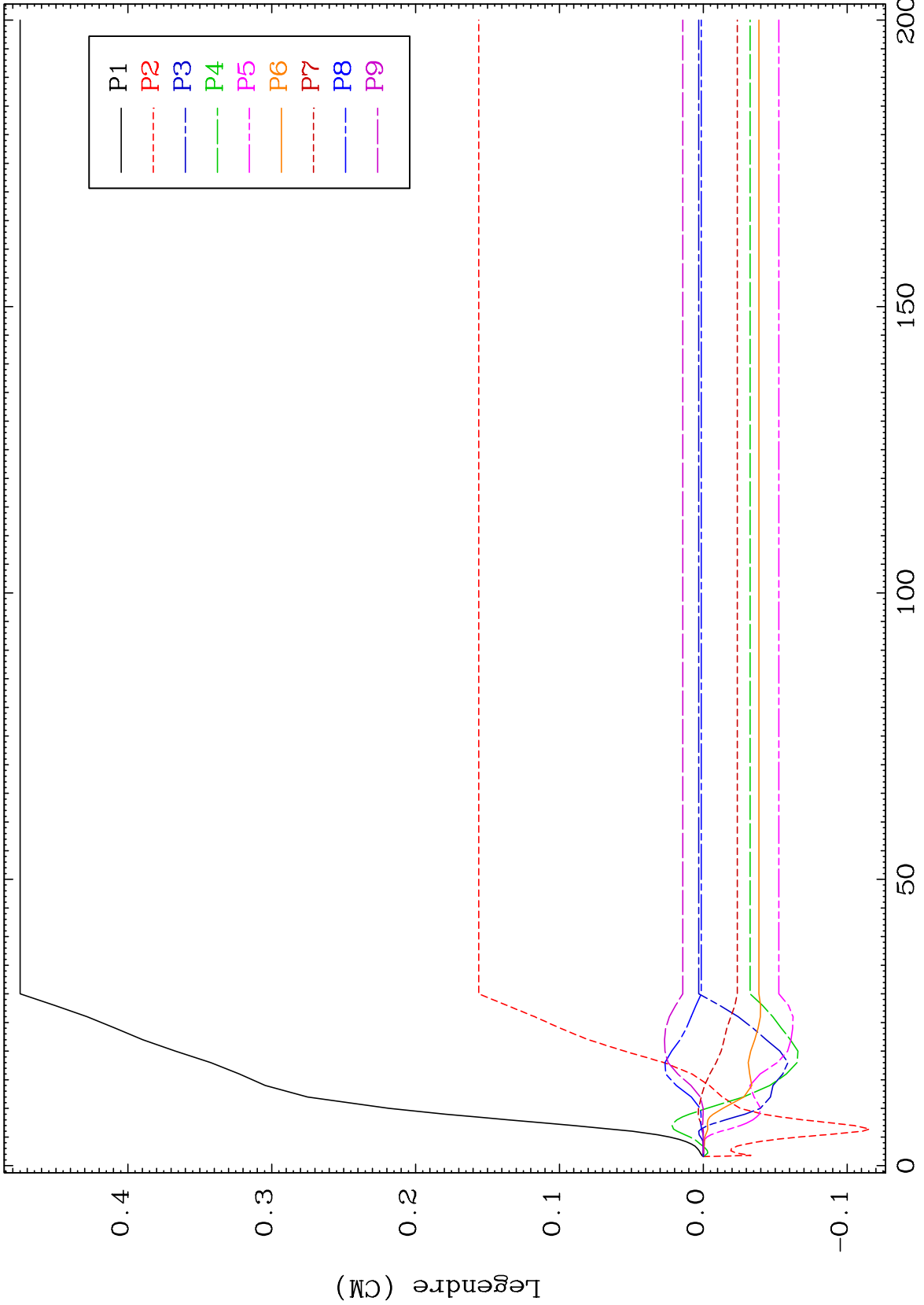
Incident Energy (MeV)

58

MAT 5855

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

58-Ce-146



59

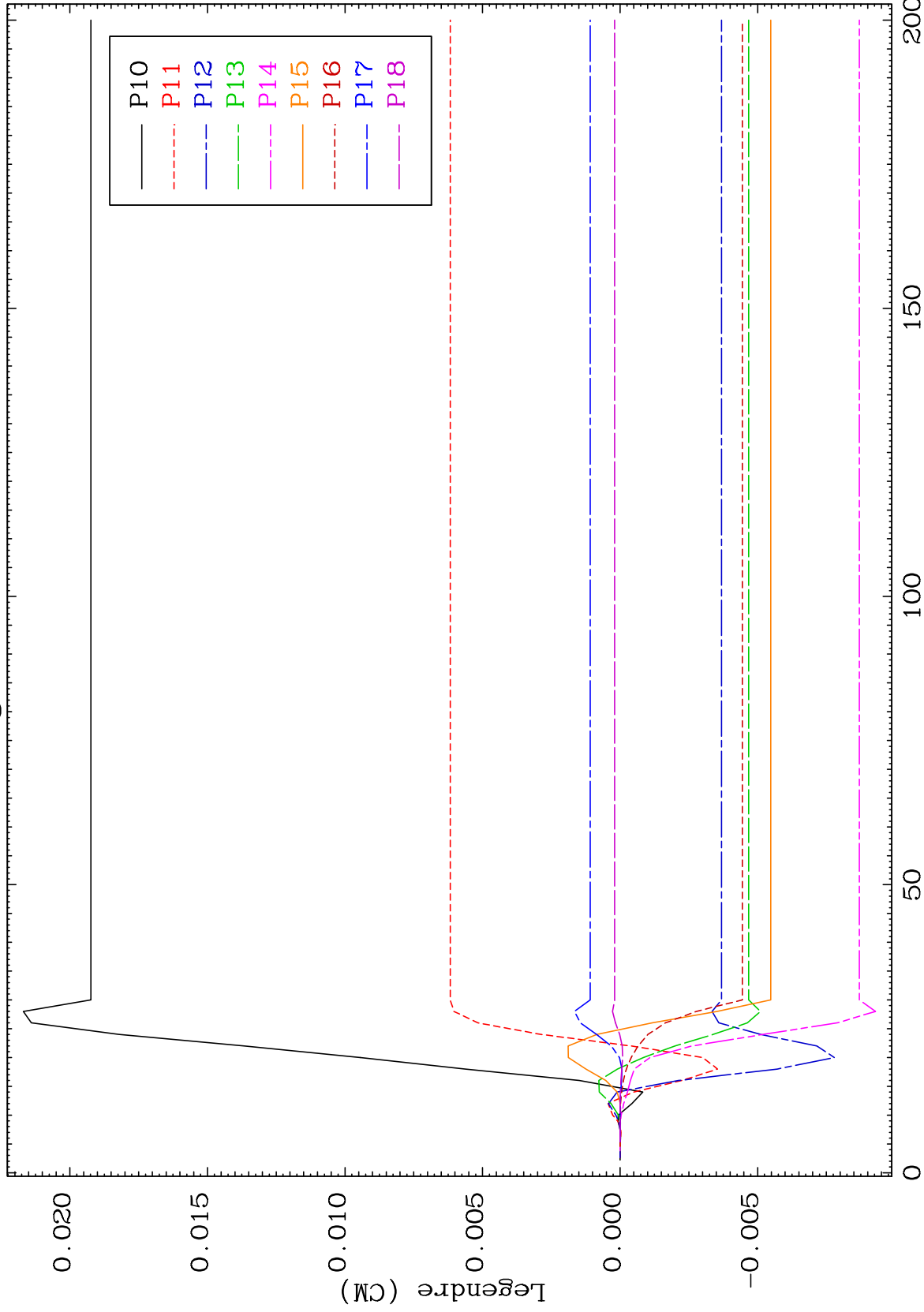
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



60

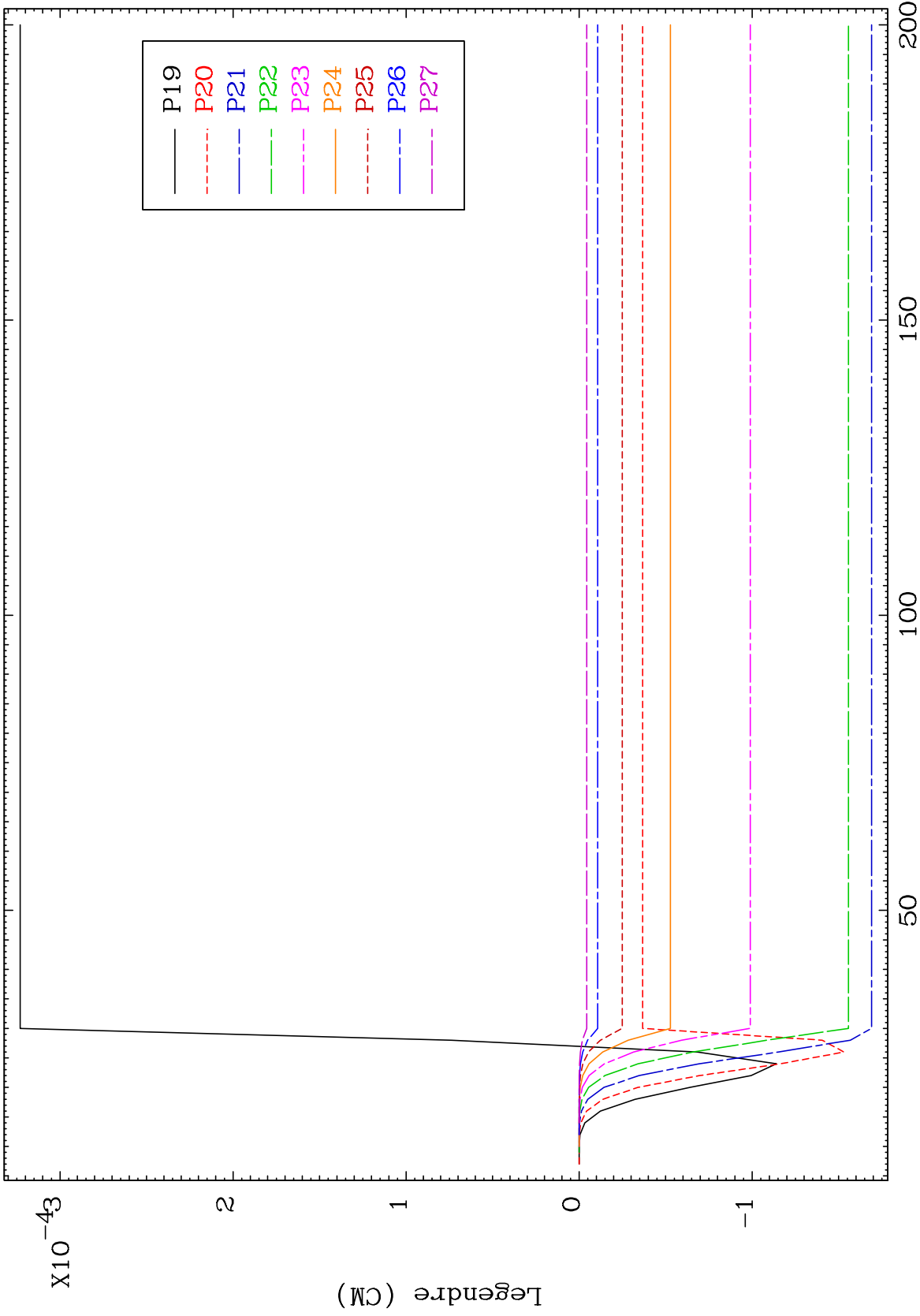
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



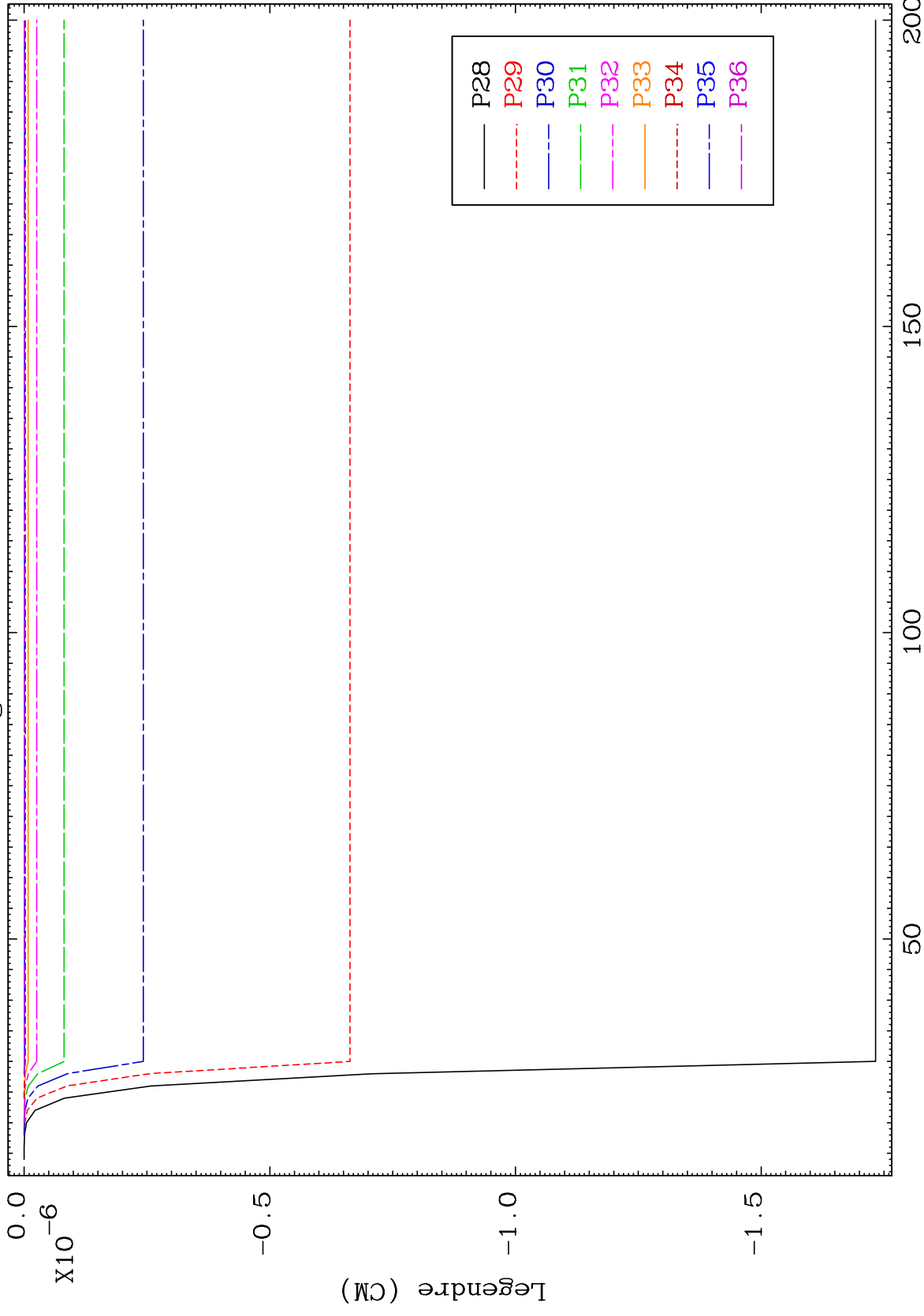
61

58-Ce-146

MAT 5855

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

58-Ce-146

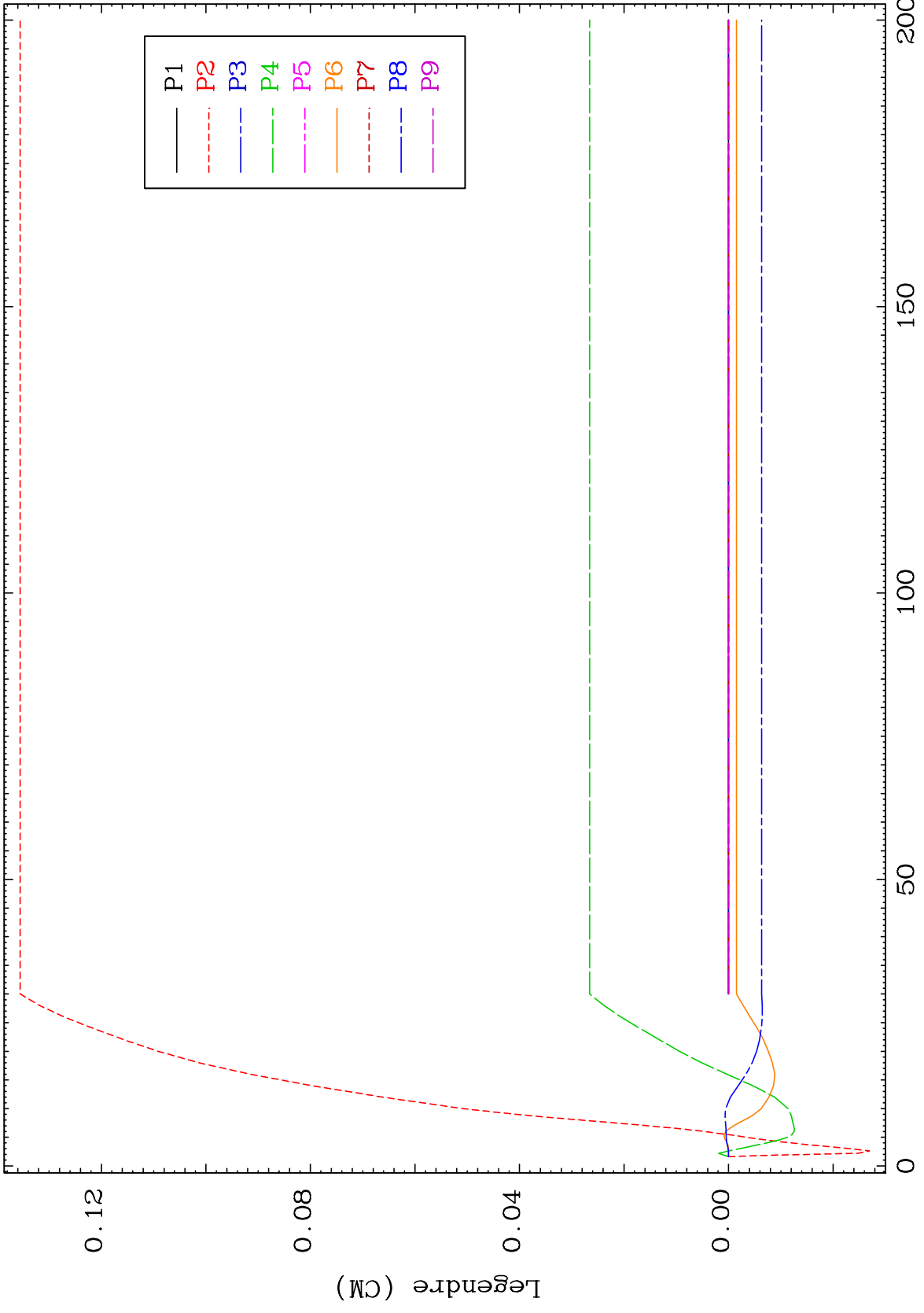


58-Ce-146

Incident Energy (MeV)

62

MAT 5855 MT= 62 (n,n') Level Legendre Coefficients 58-Ce-146

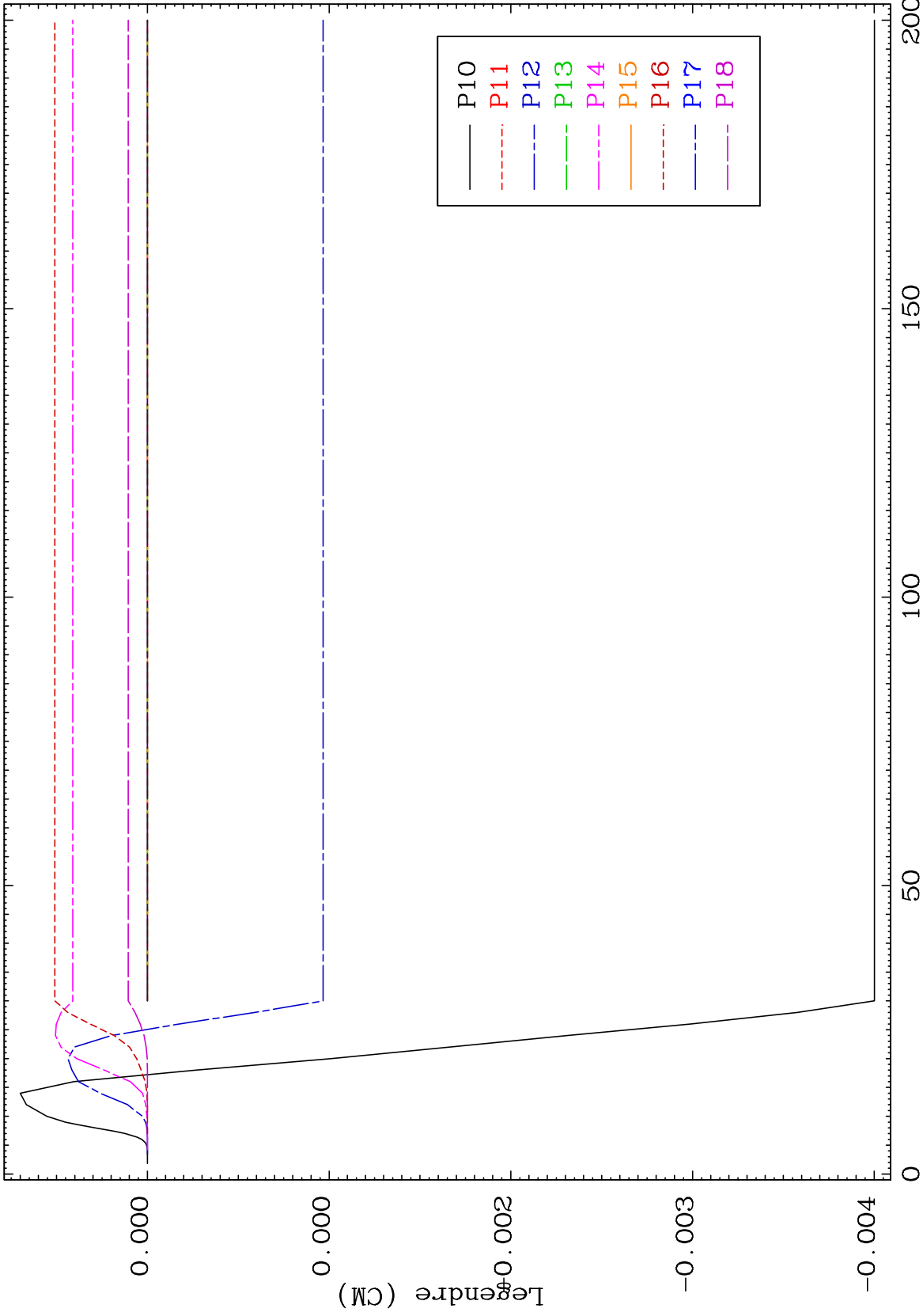


63 58-Ce-146

MAT 5855

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

58-Ce-146



64

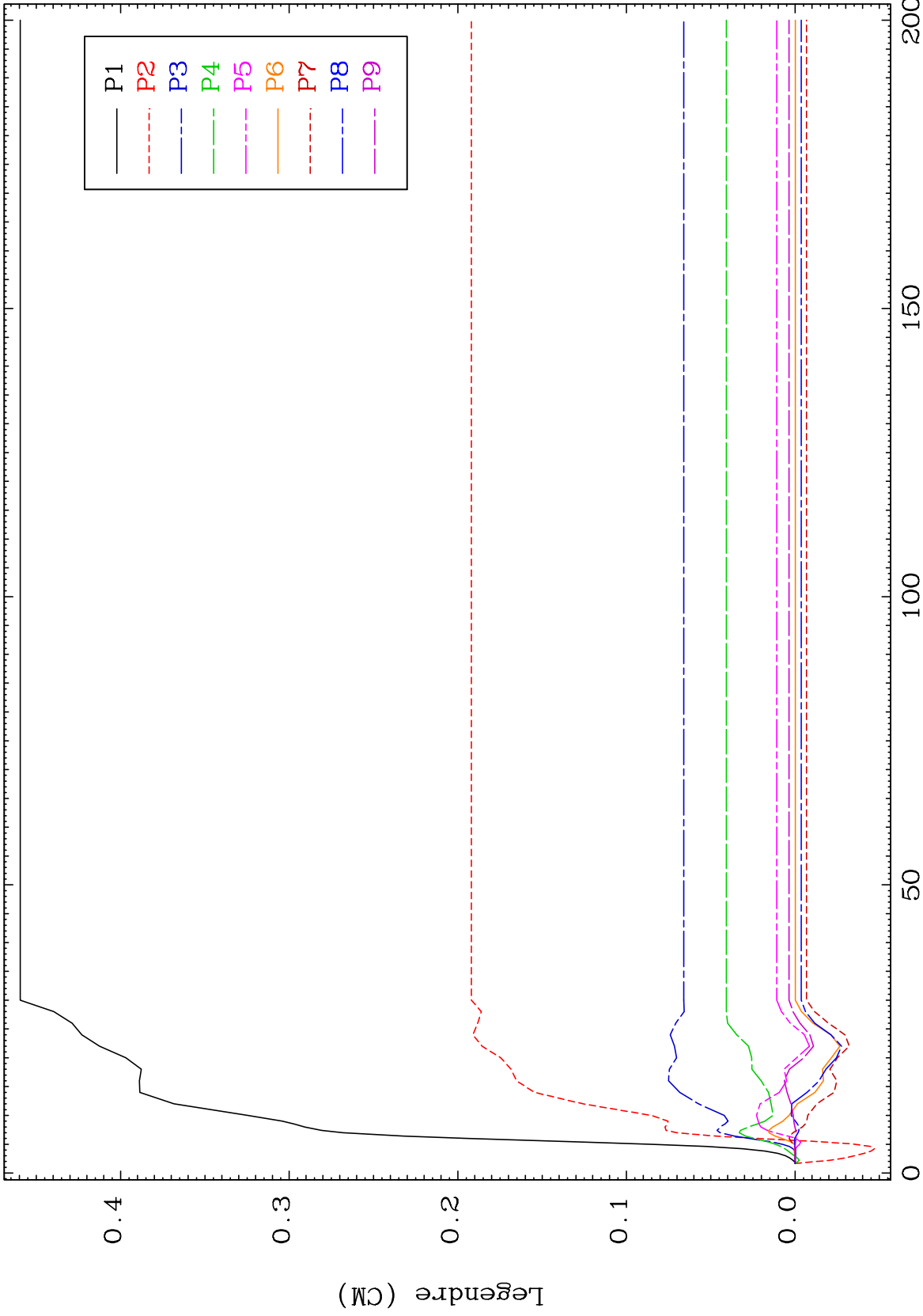
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



66

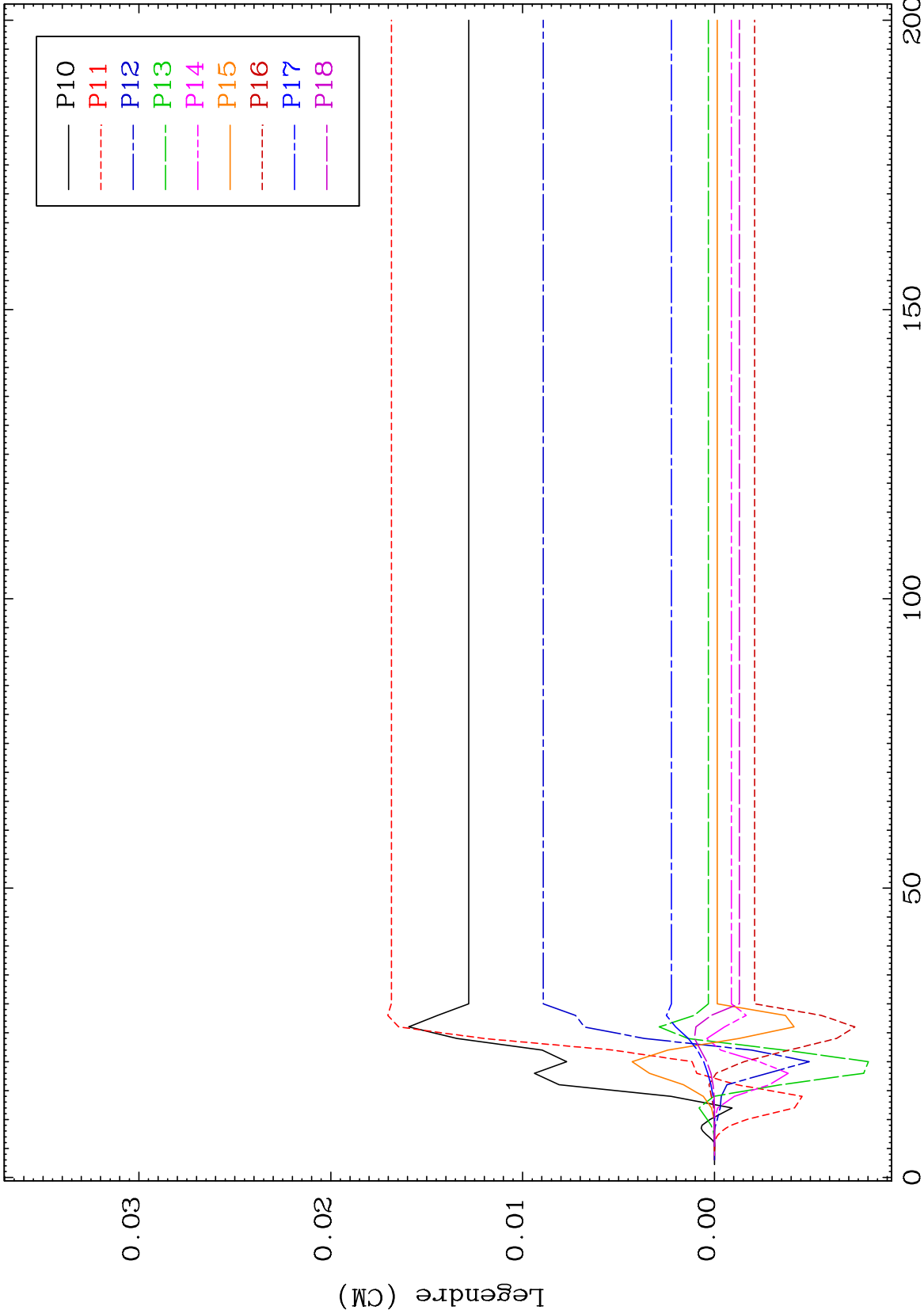
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



67

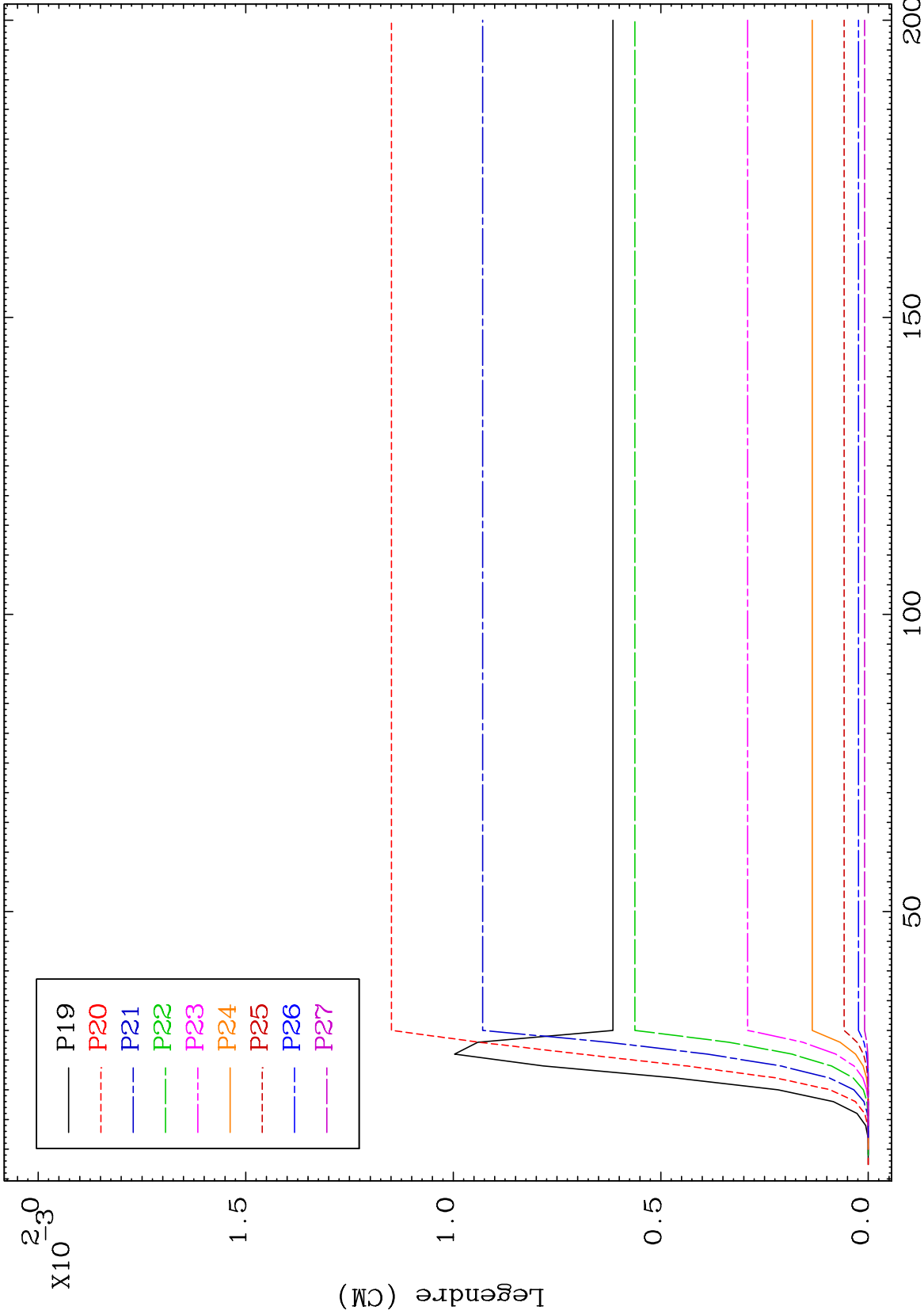
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

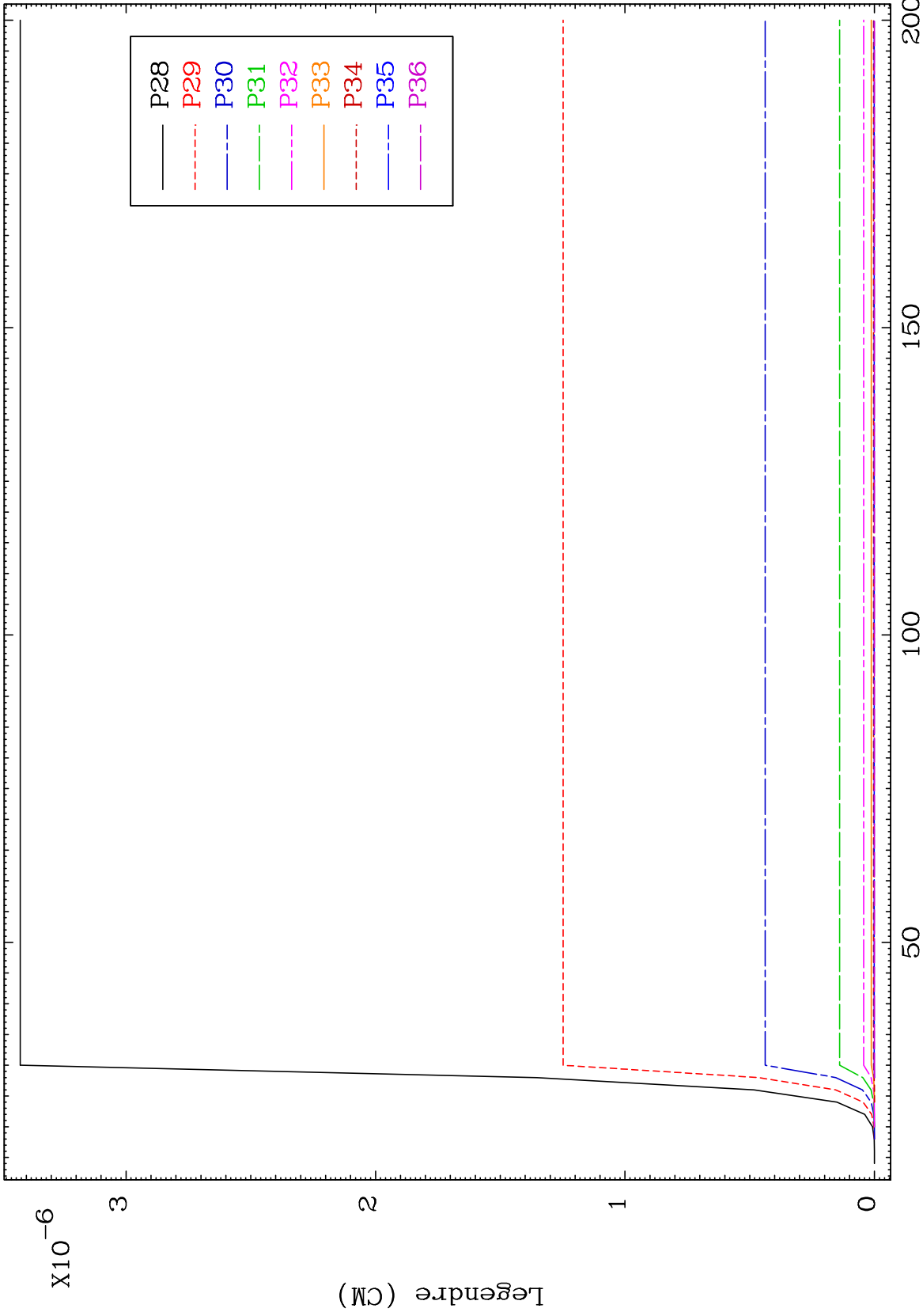
58-Ce-146



MAT 5855

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

58-Ce-146

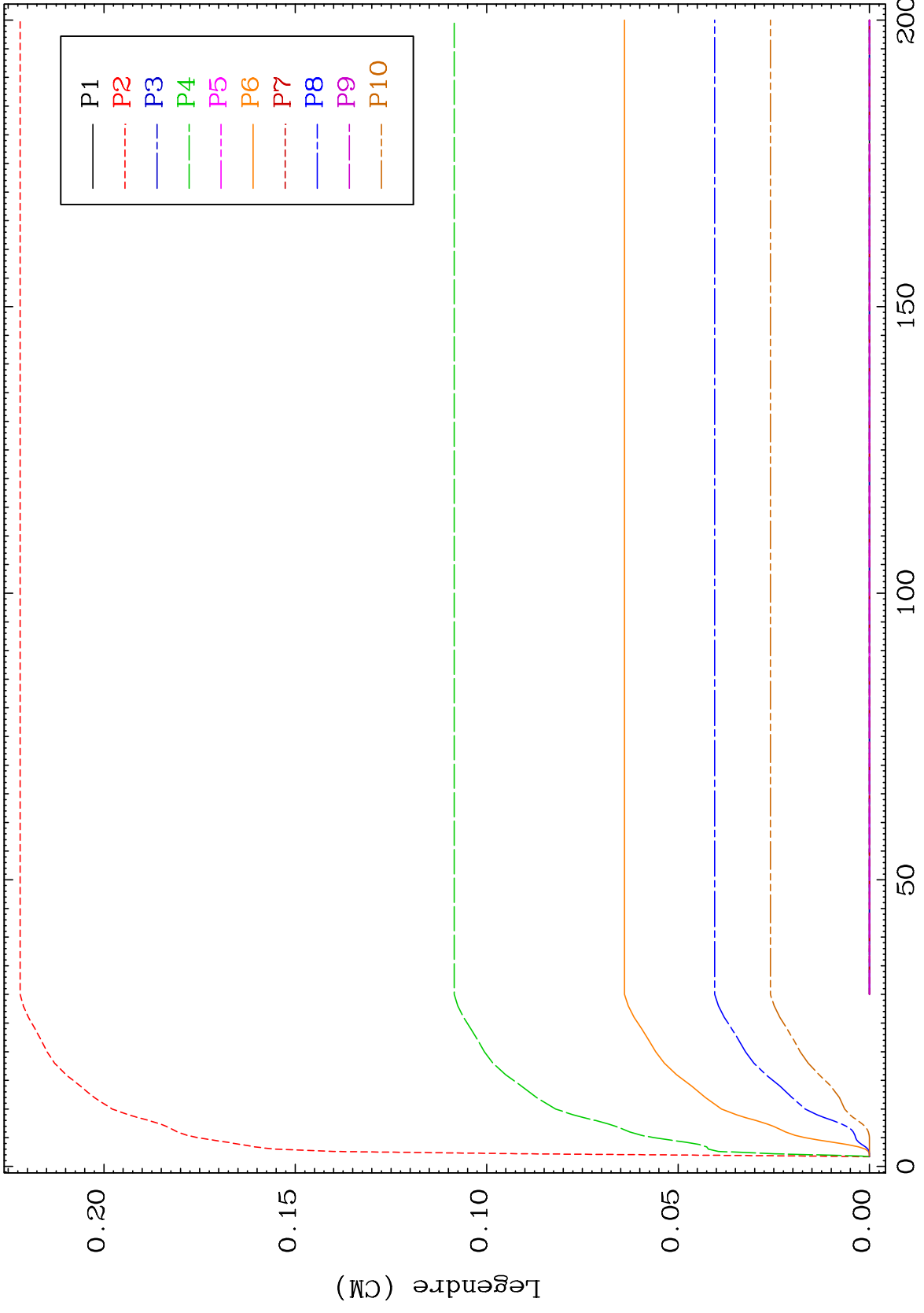


69

58-Ce-146

58-Ce-146

MAT 5855 MT= 64 (n,n') Level Legendre Coefficients 58-Ce-146

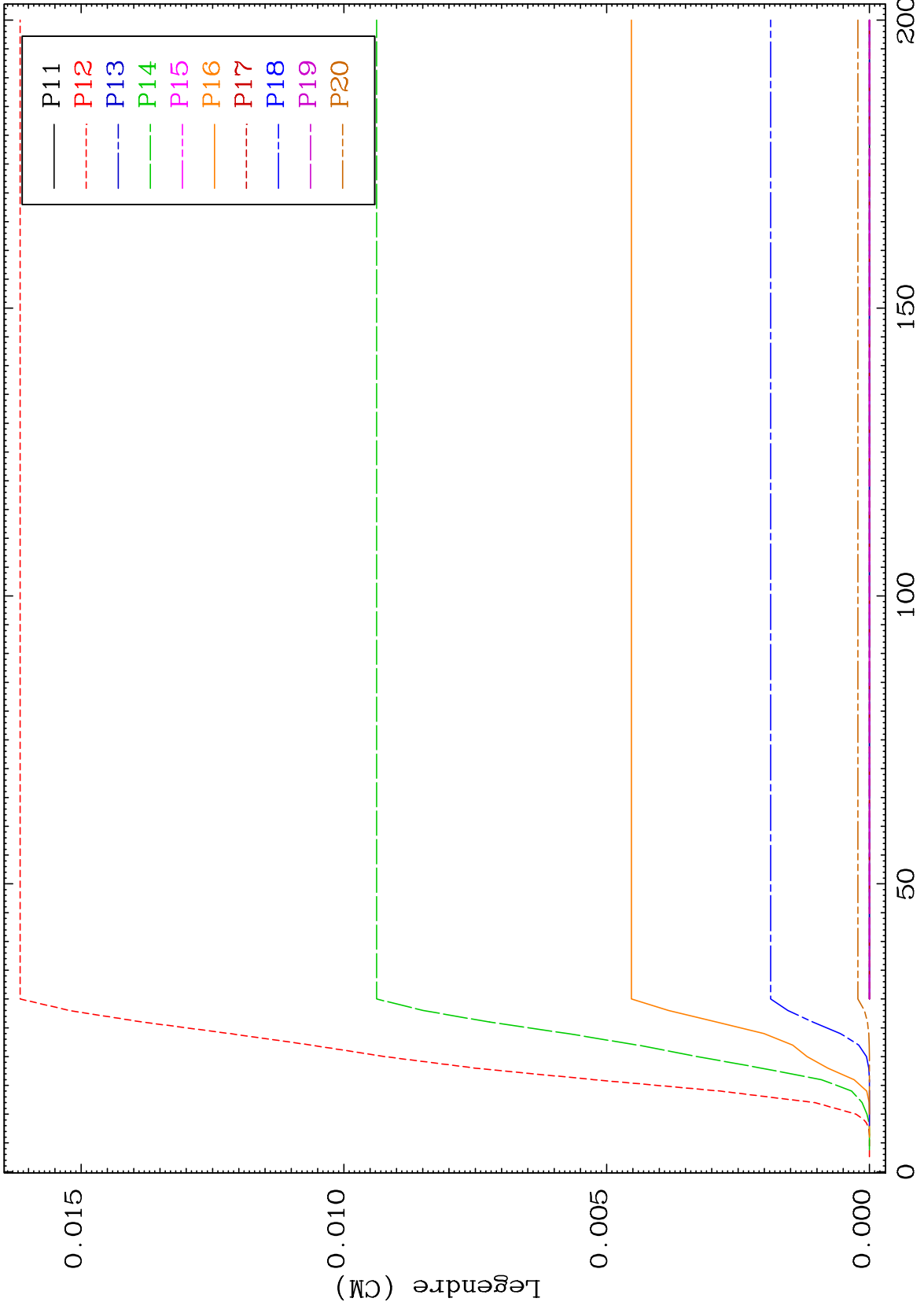


Incident Energy (MeV) 58-Ce-146

MAT 5855

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

58-Ce-146



71

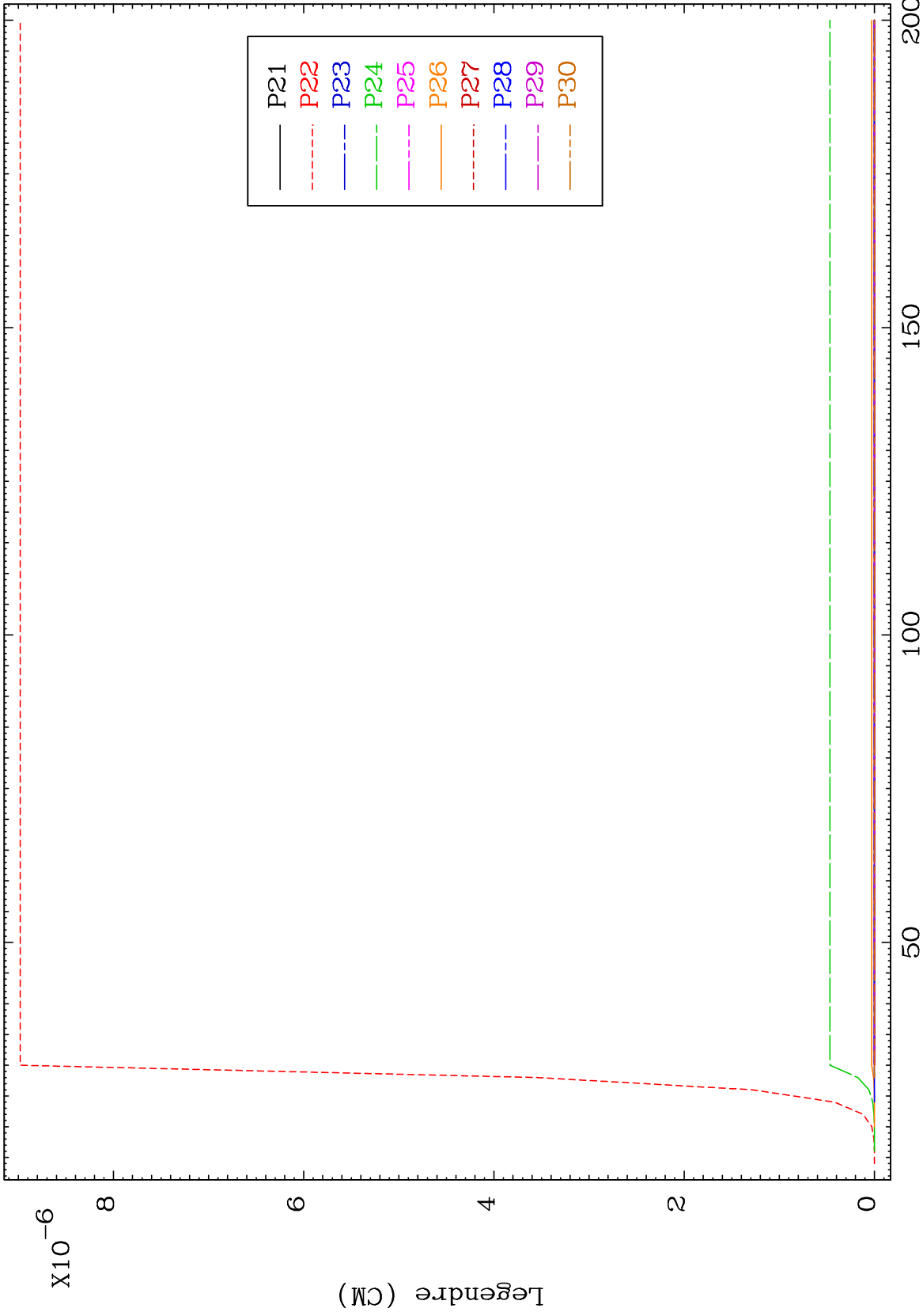
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



72

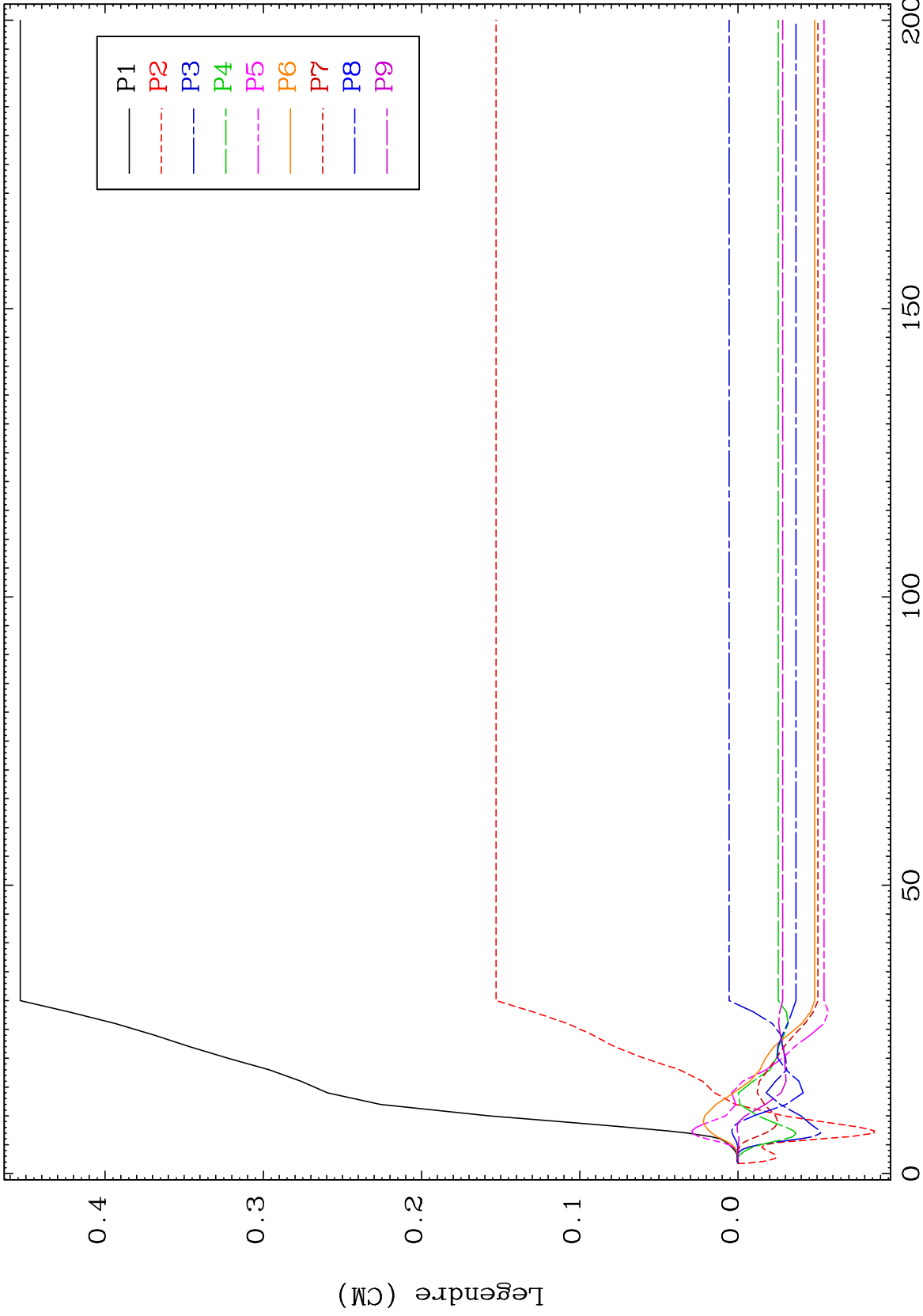
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



73

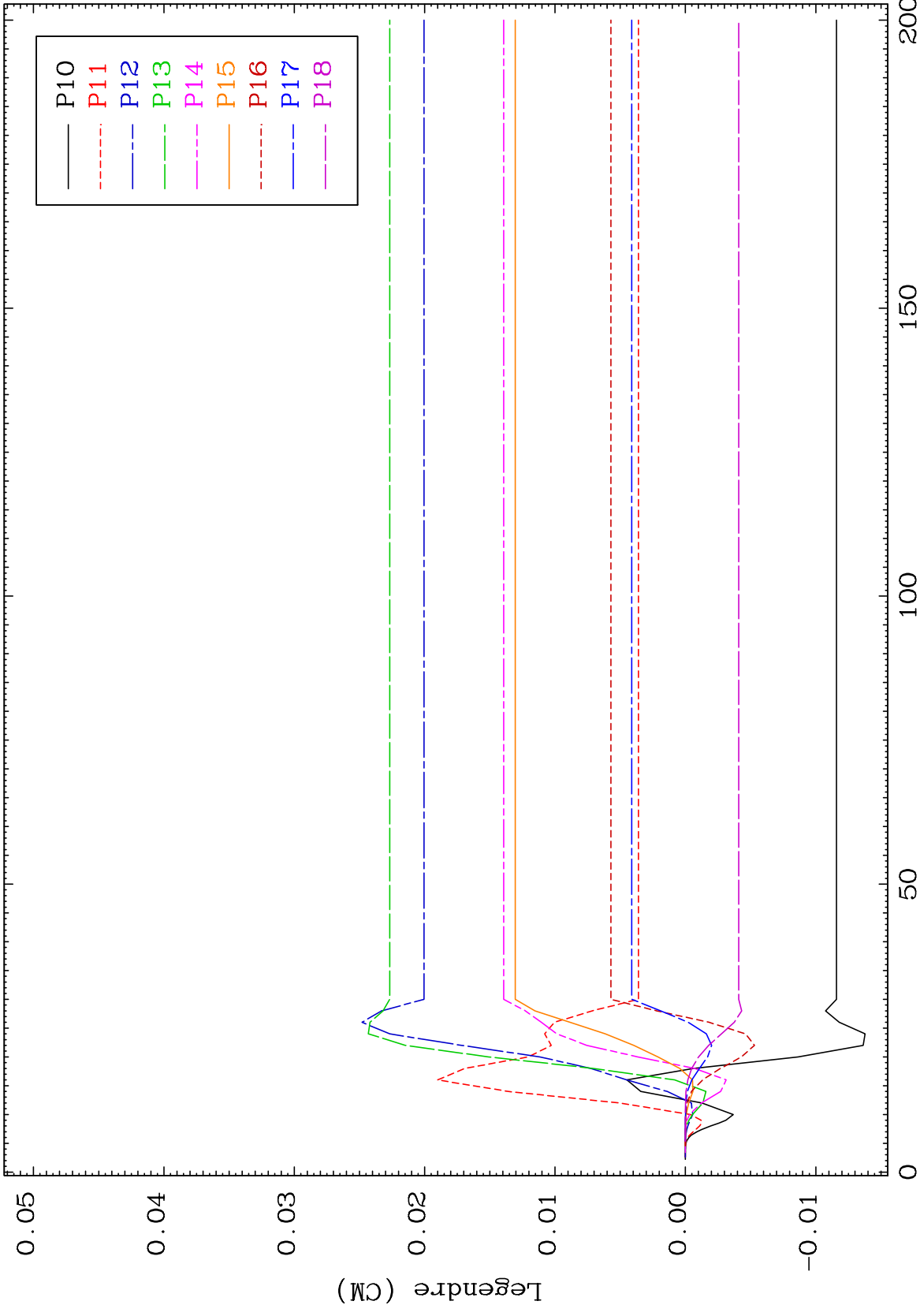
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



74

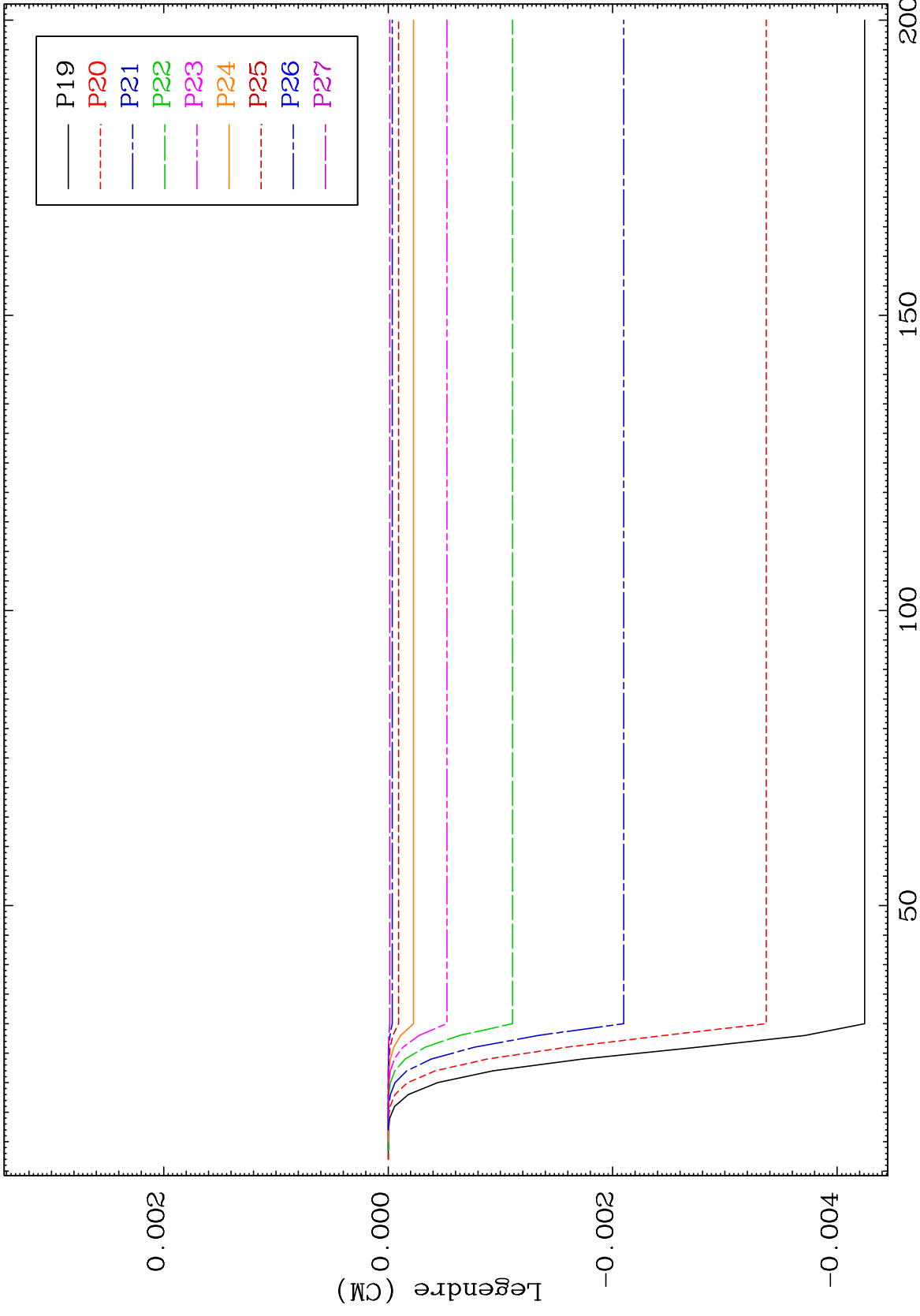
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



75

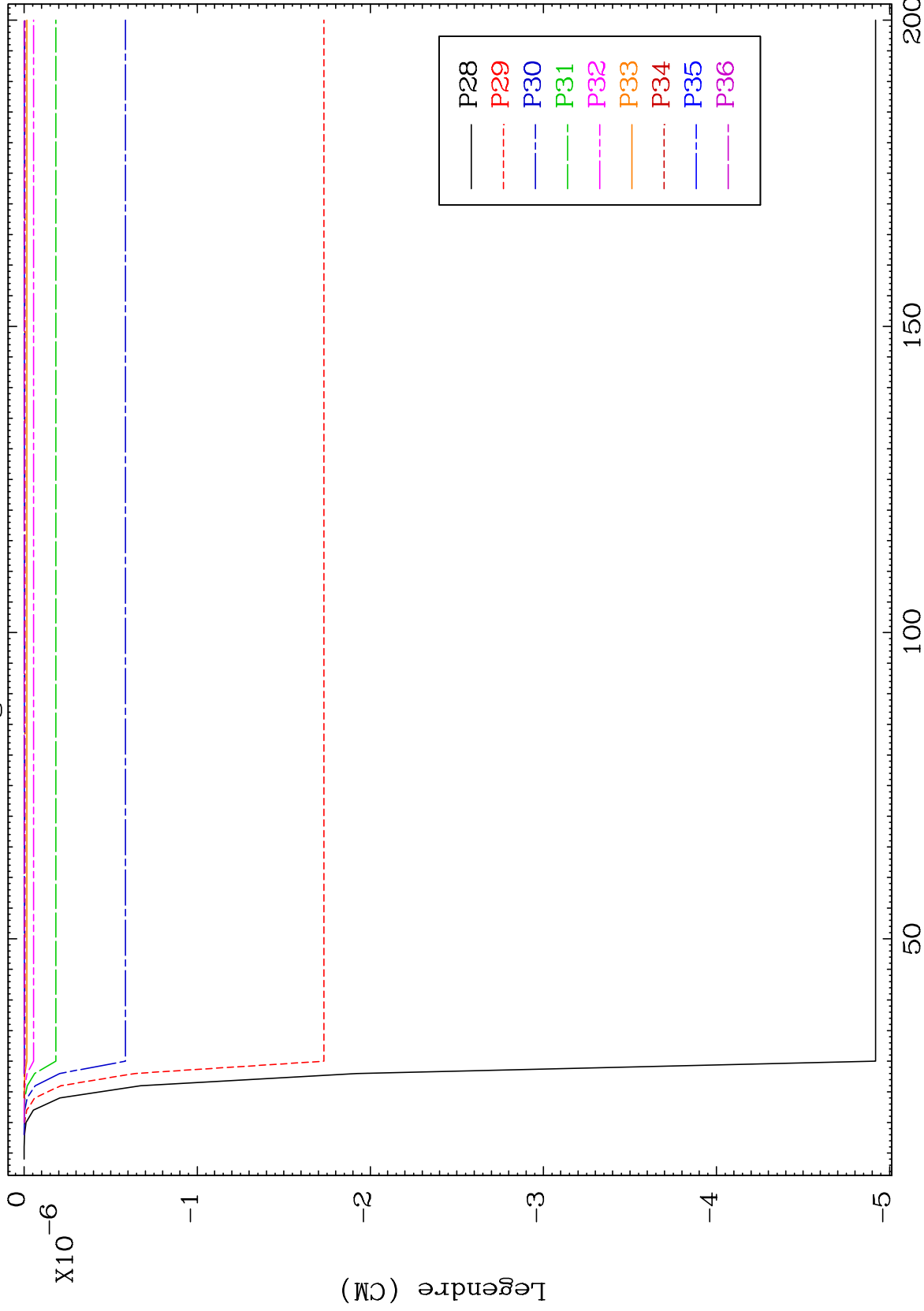
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



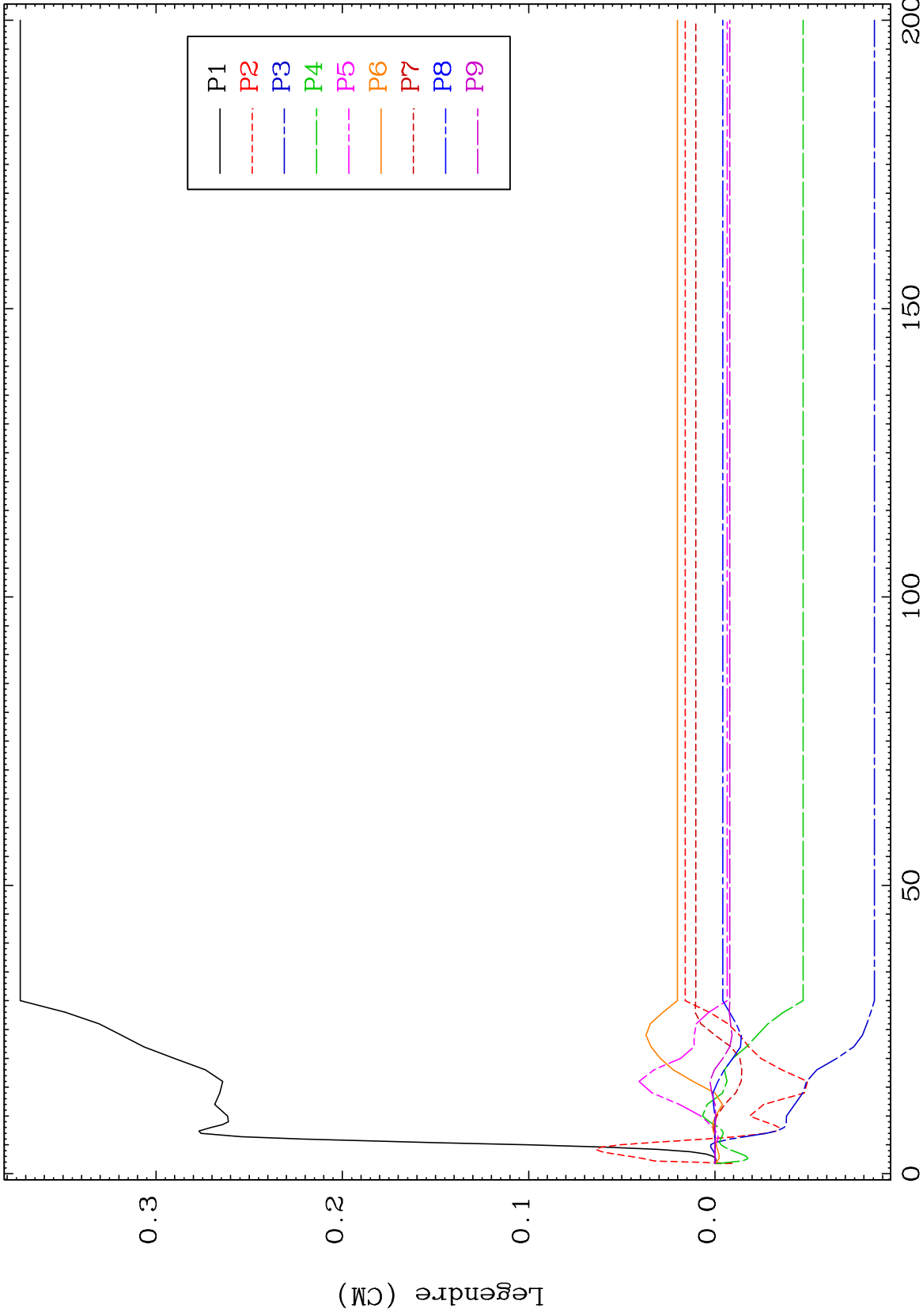
76

58-Ce-146

MAT 5855

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

58-Ce-146

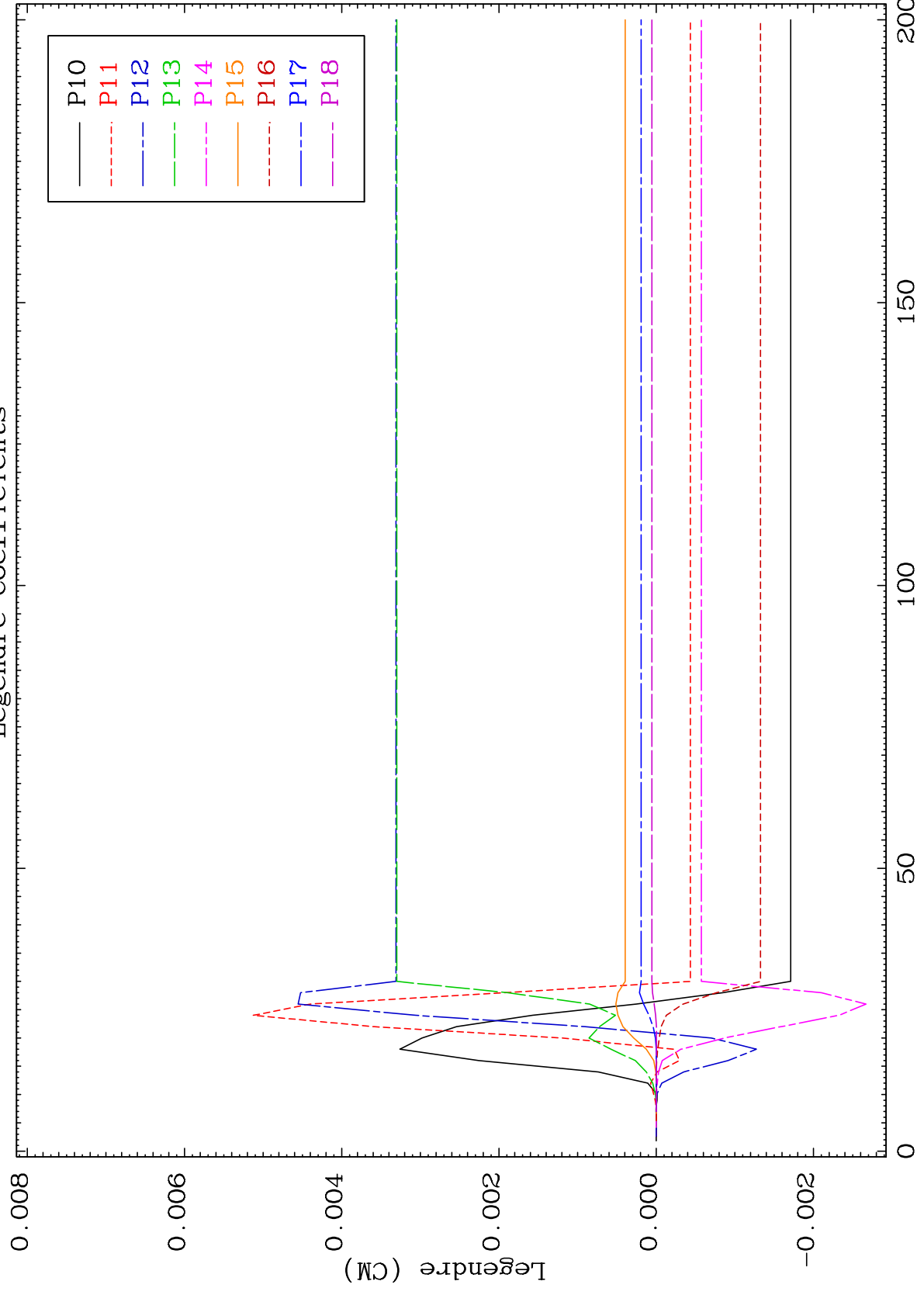


77

Incident Energy (MeV)

58-Ce-146

MAT 5855 MT= 66 (n,n') Level Legendre Coefficients 58-Ce-146

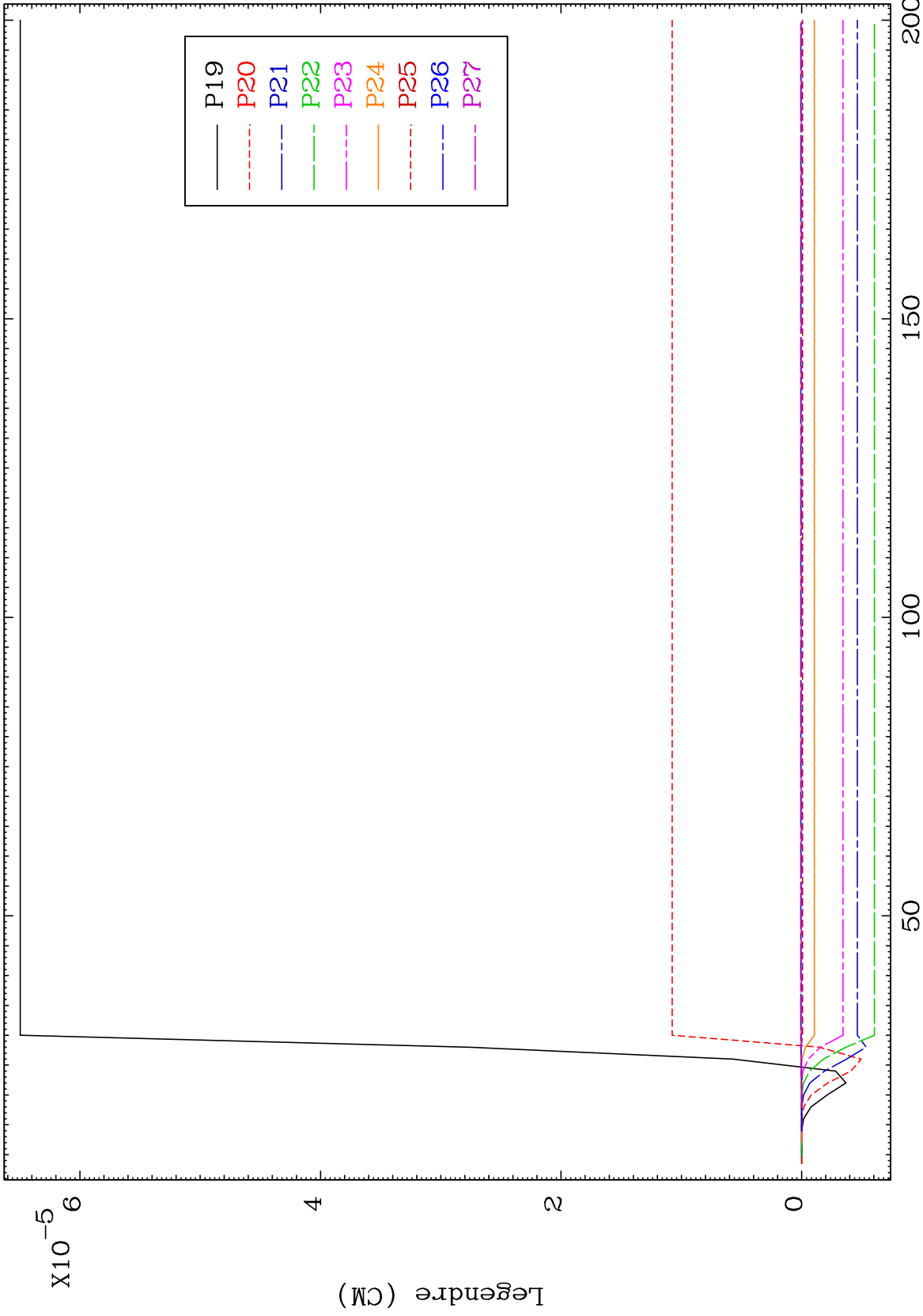


78 58-Ce-146

MAT 5855

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

58-Ce-146



79

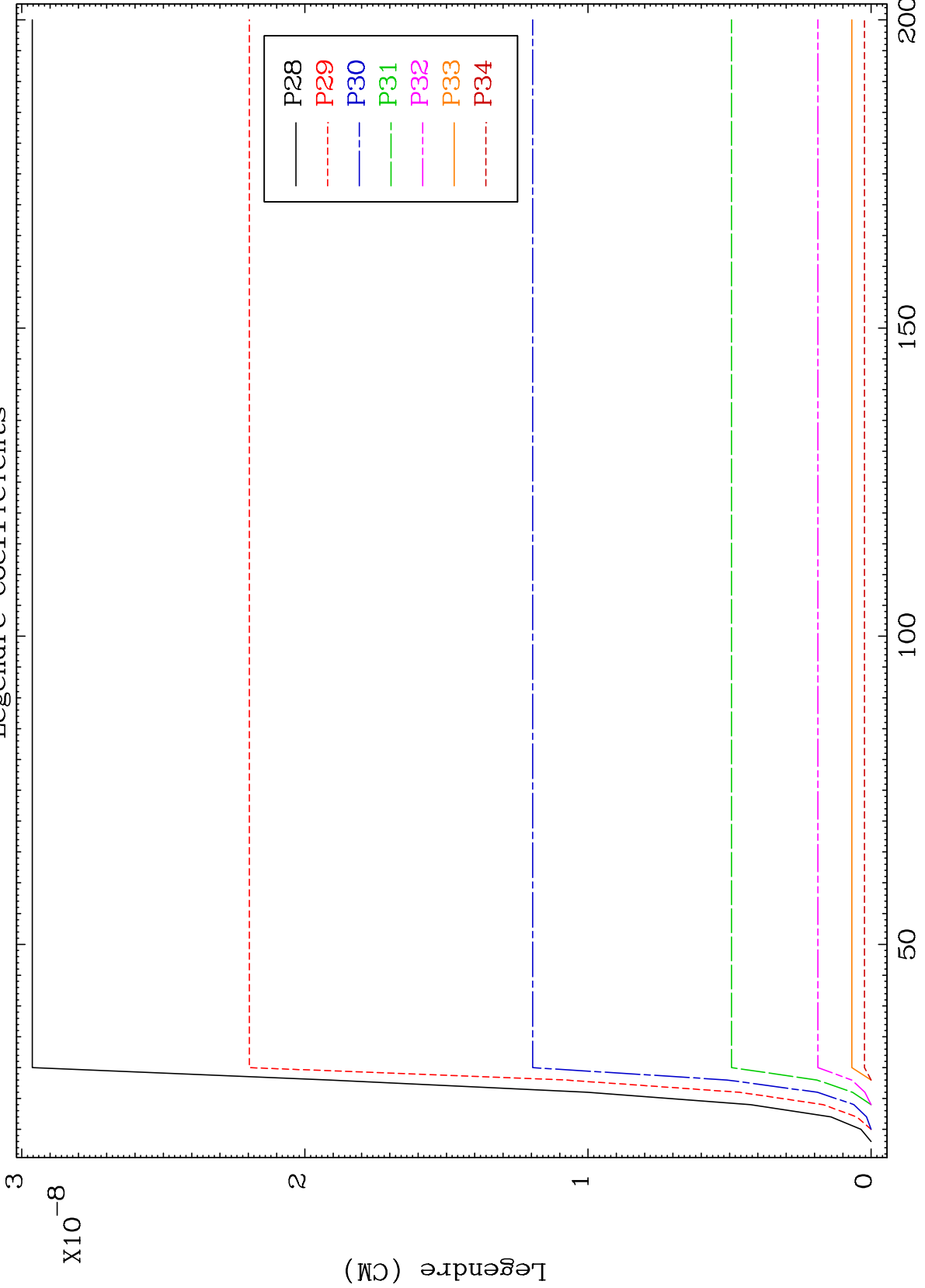
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



80

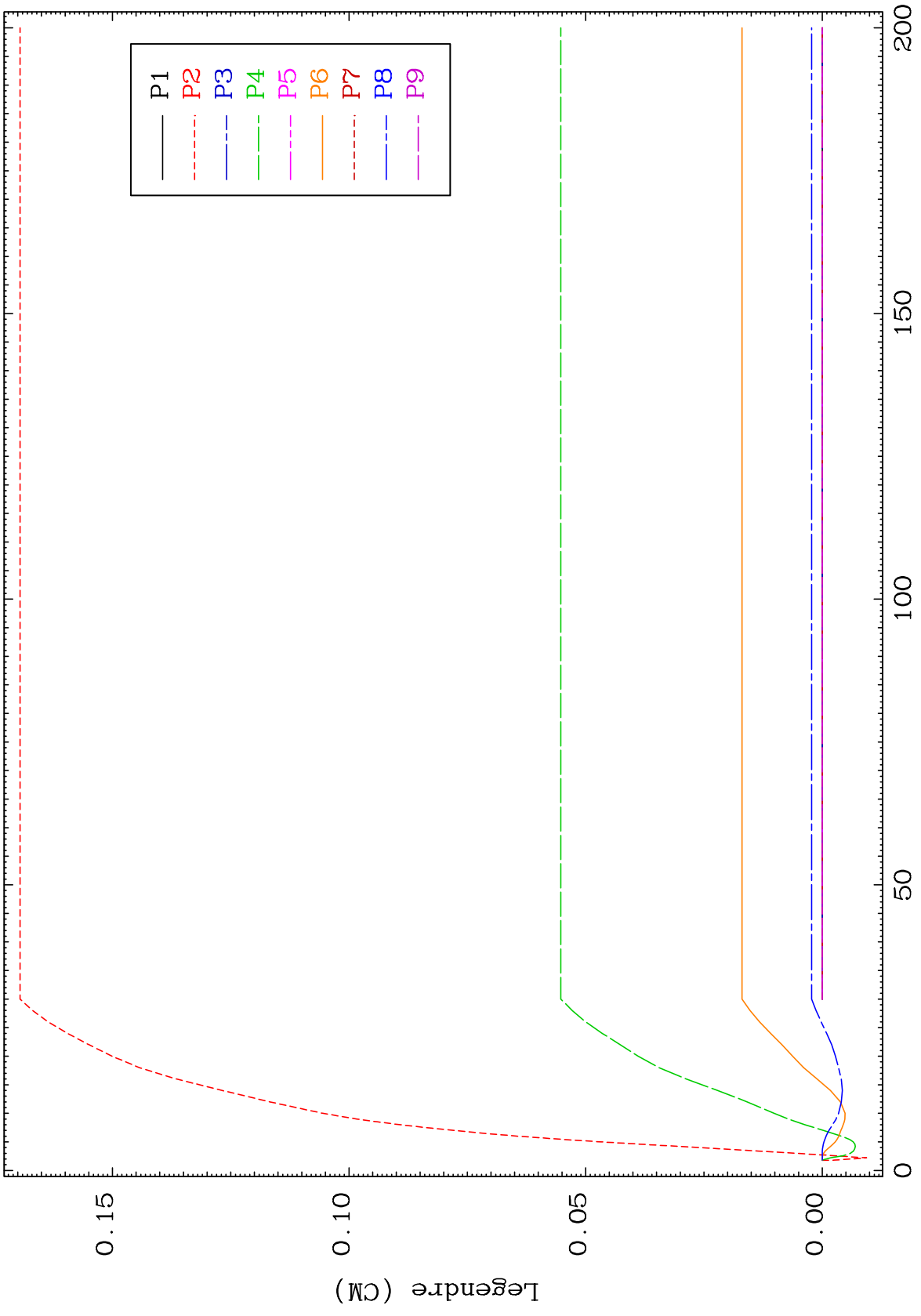
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



81

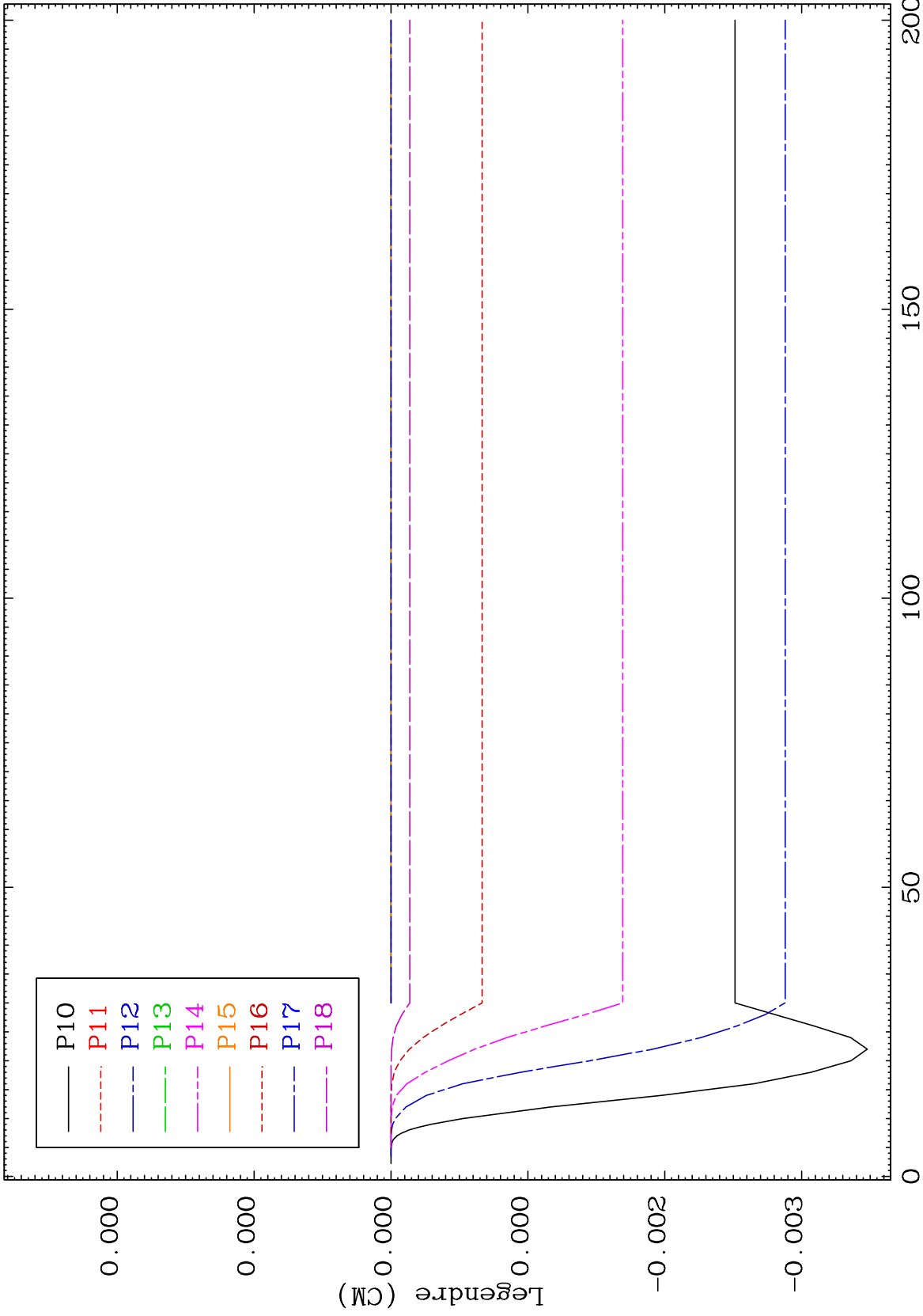
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

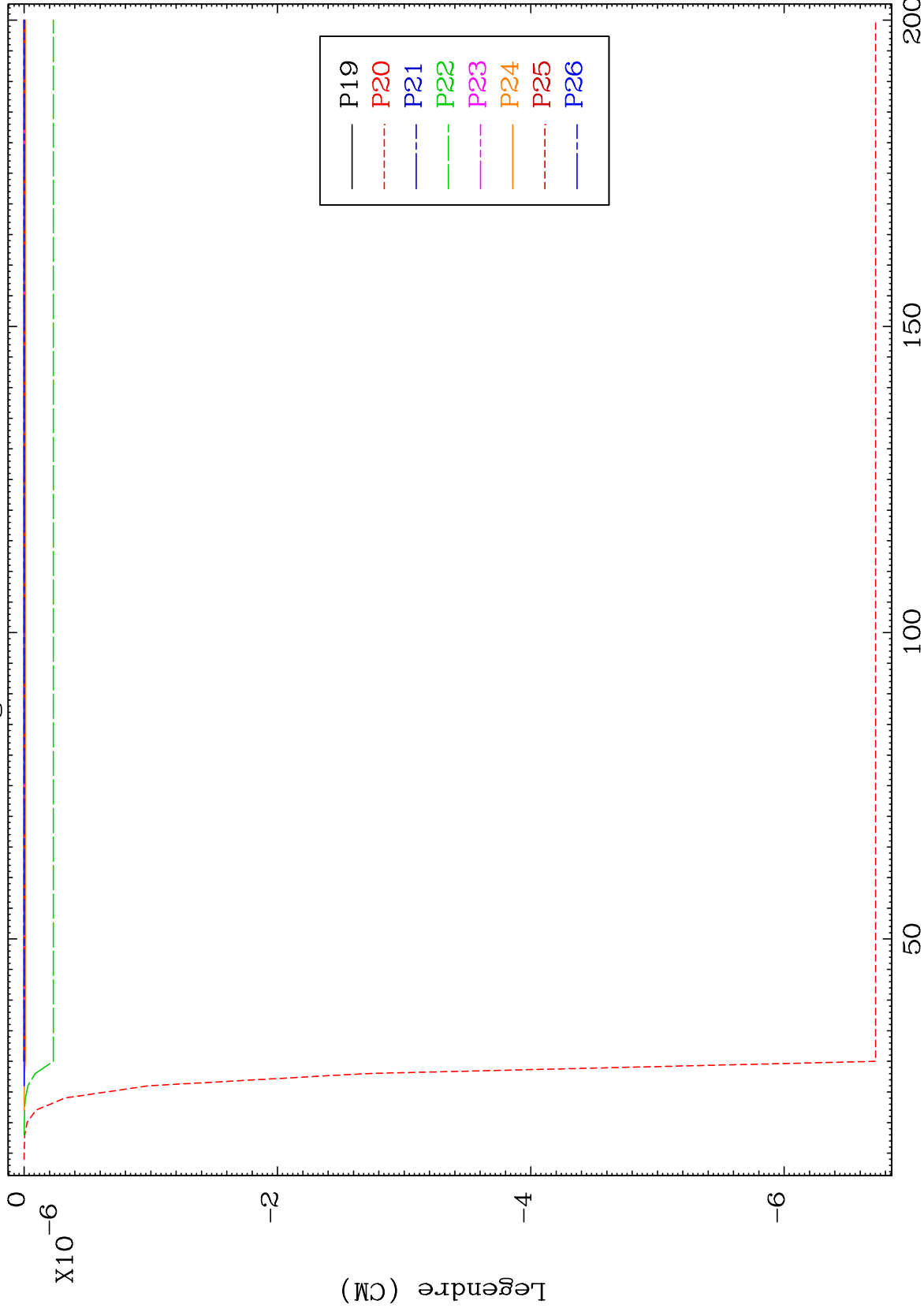
58-Ce-146



MAT 5855

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

58-Ce-146



83

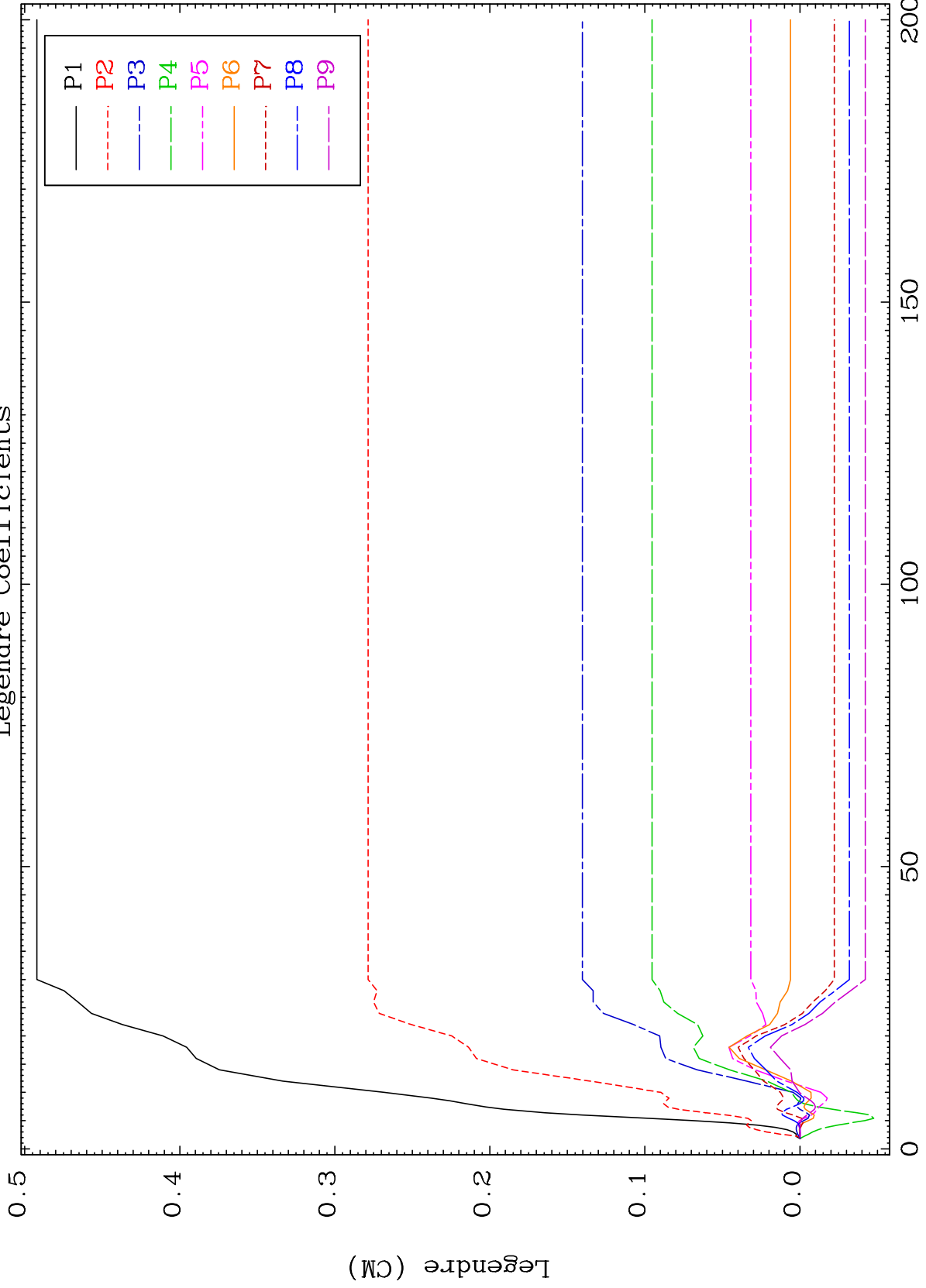
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



58-Ce-146

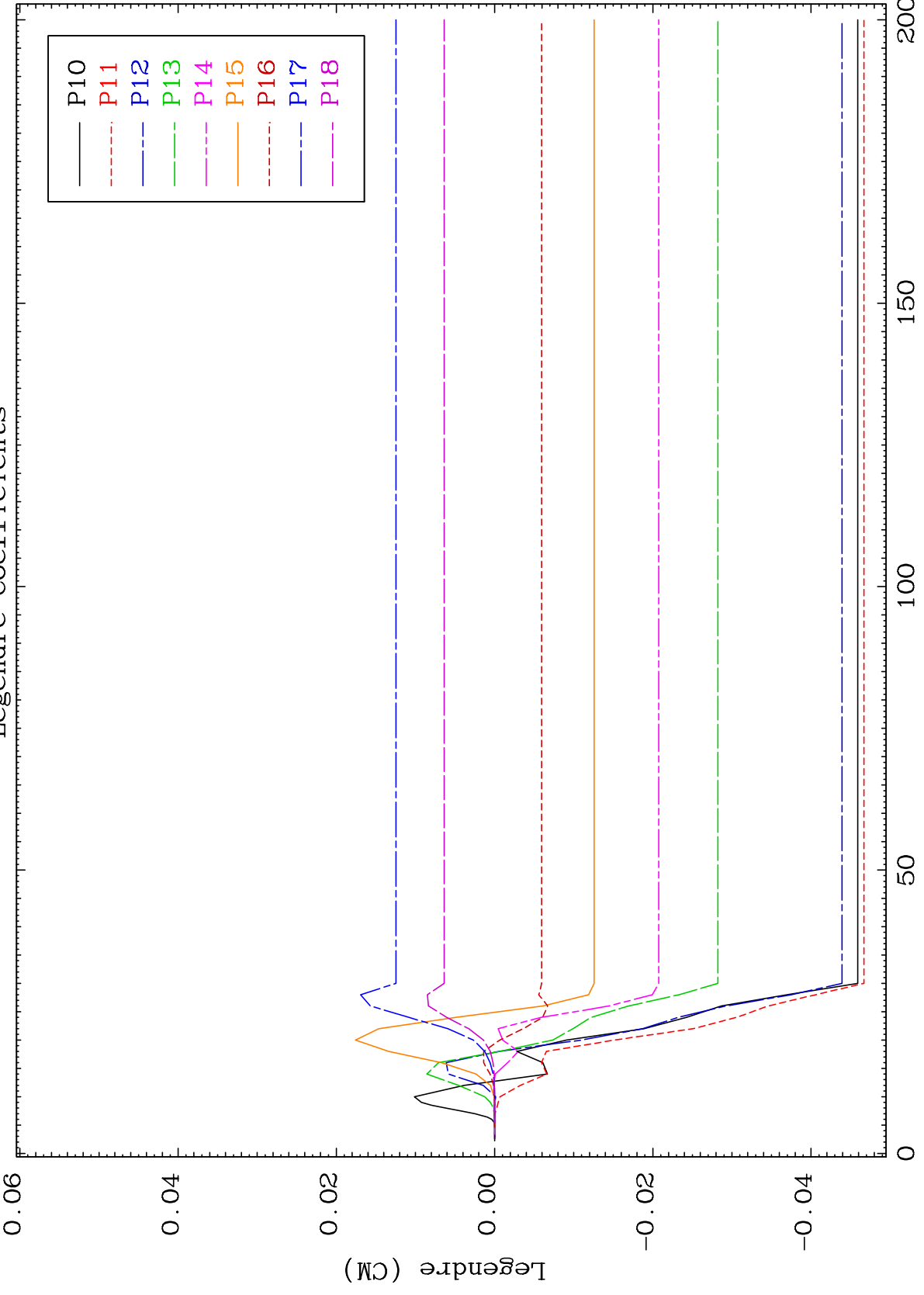
Incident Energy (MeV)

84

MAT 5855 MT= 68 (n,n') Level Legendre Coefficients

58-Ce-146

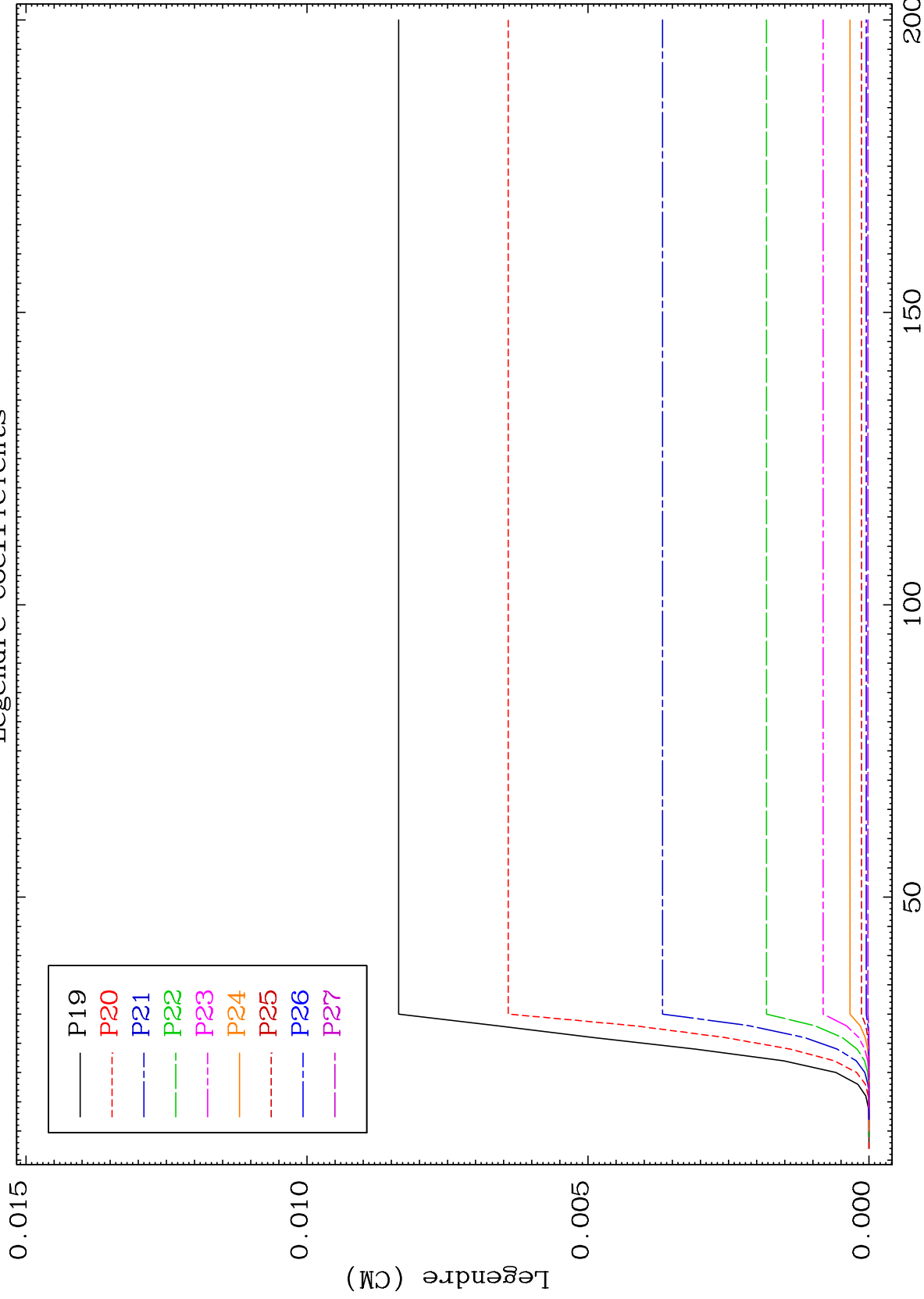
58-Ce-146



MAT 5855

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

58-Ce-146



86

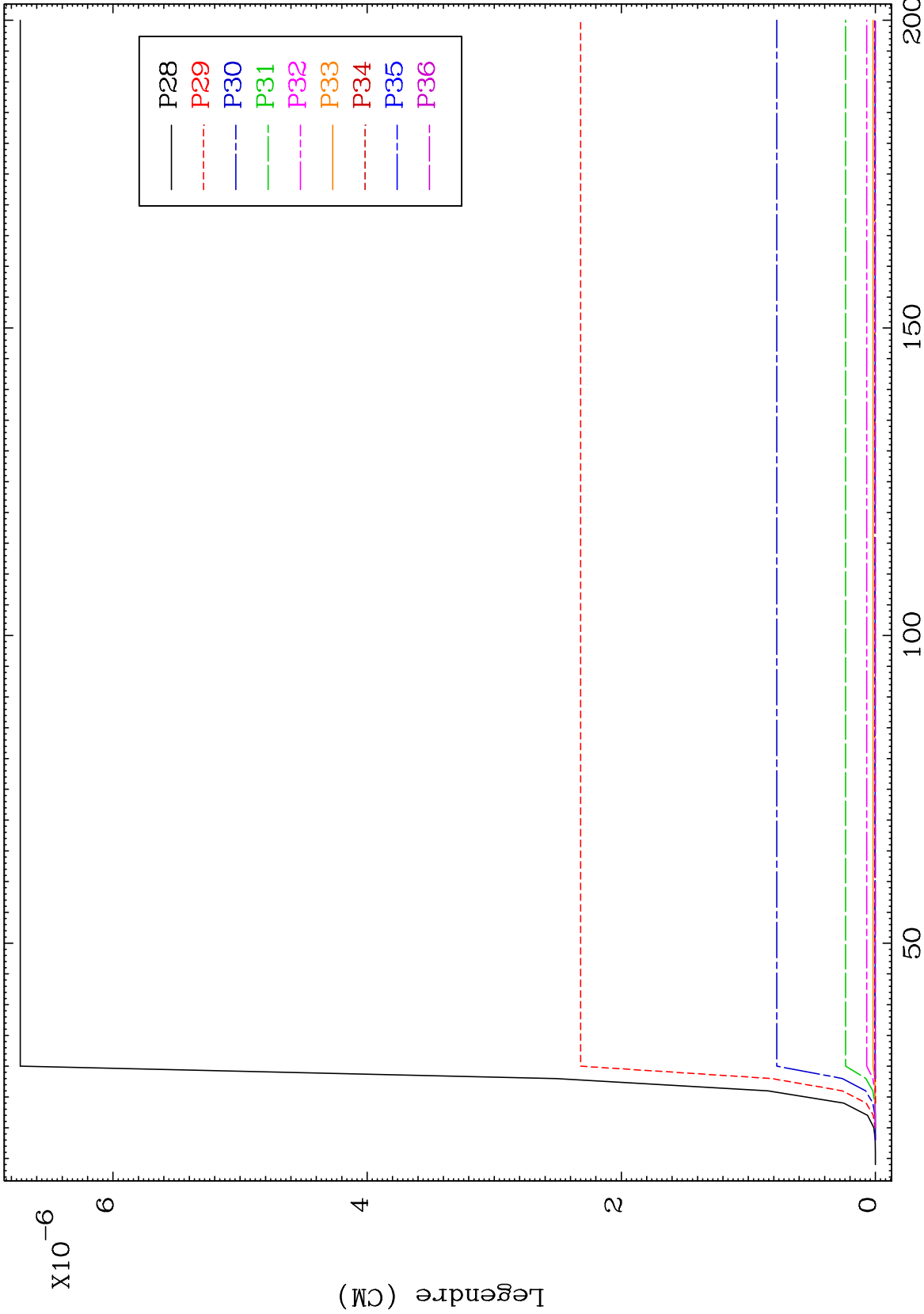
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

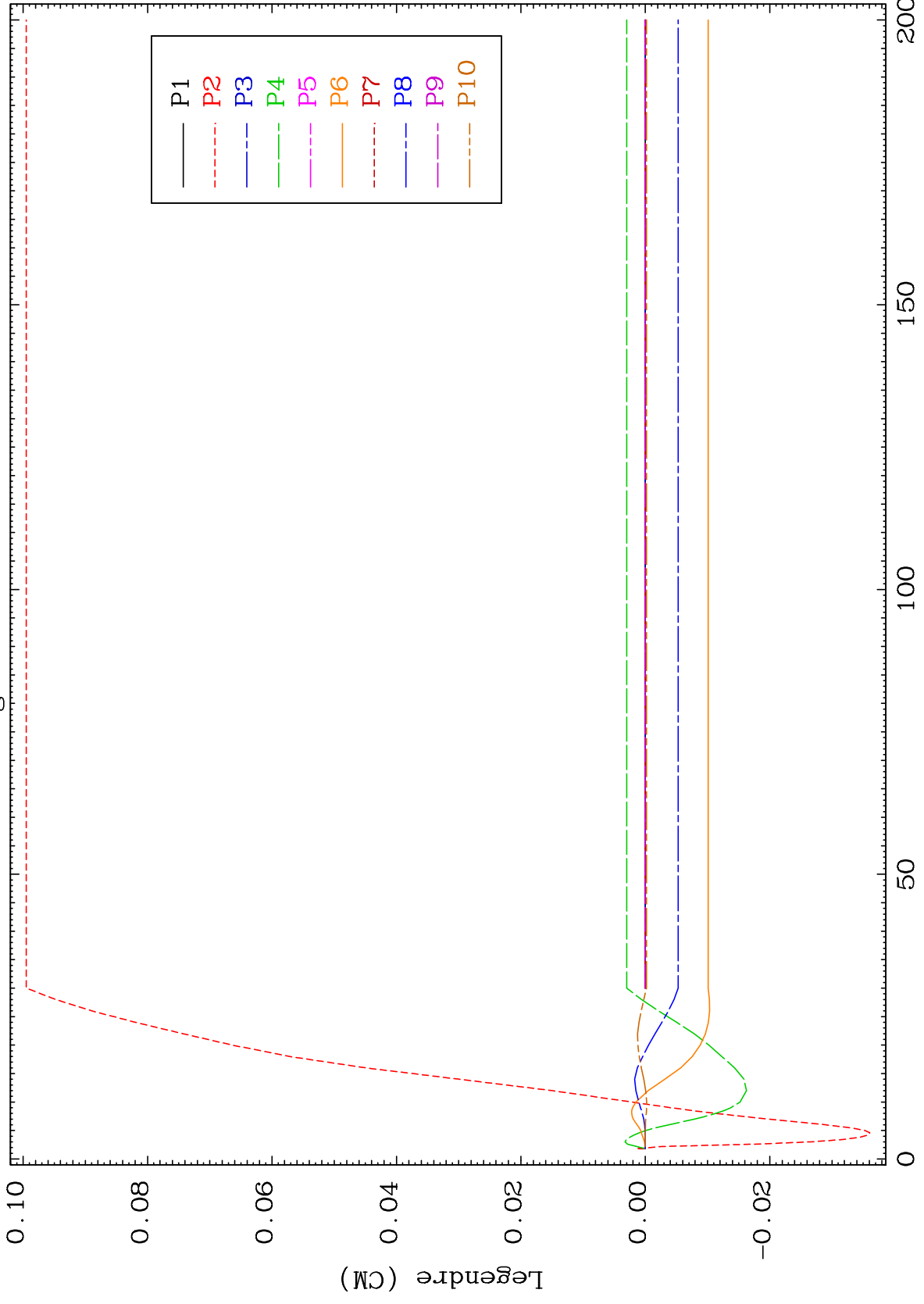
58-Ce-146



87

58-Ce-146

MAT 5855 MT= 69 (n,n') Level Legendre Coefficients 58-Ce-146

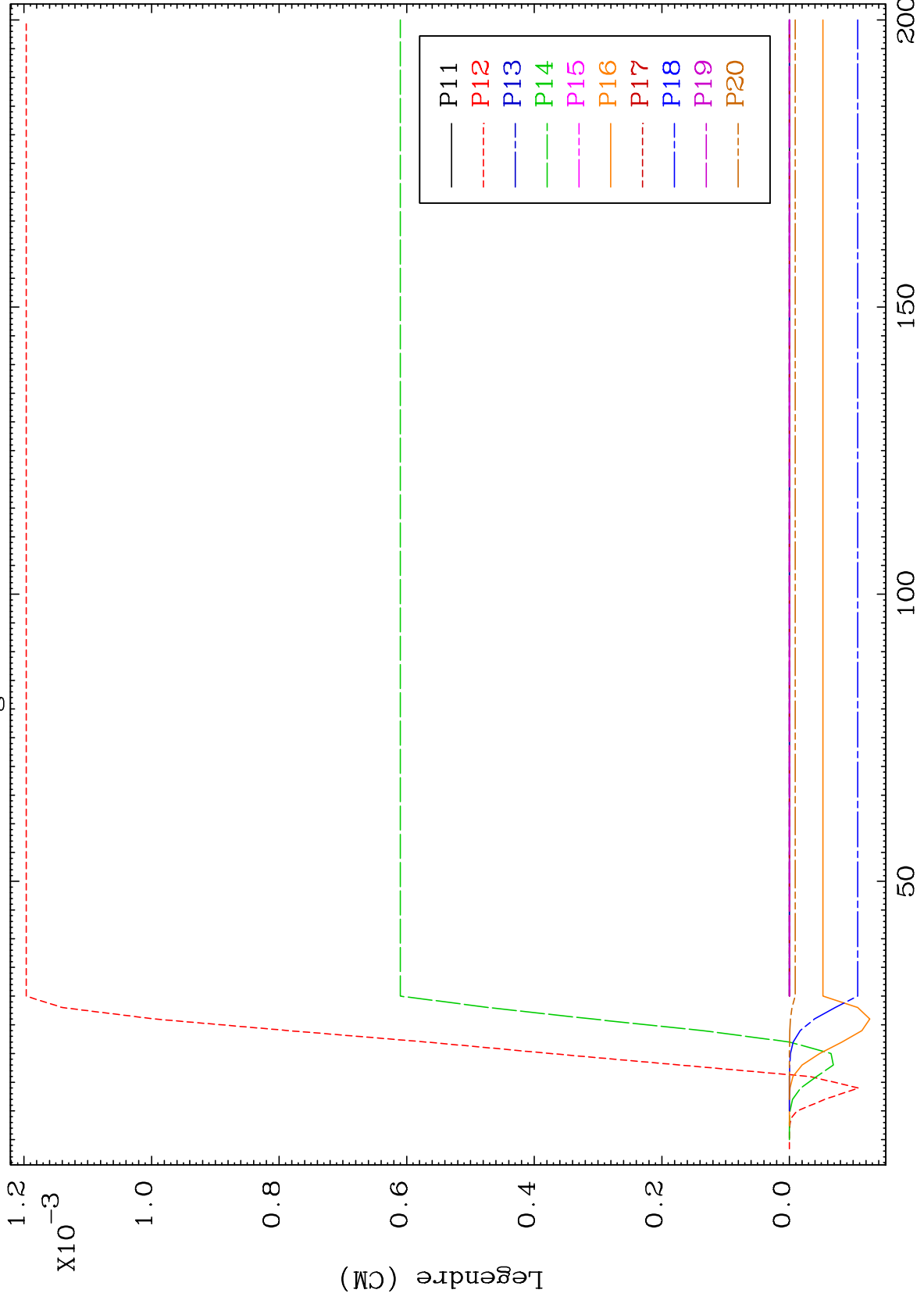


88 58-Ce-146

MAT 5855

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

58-Ce-146

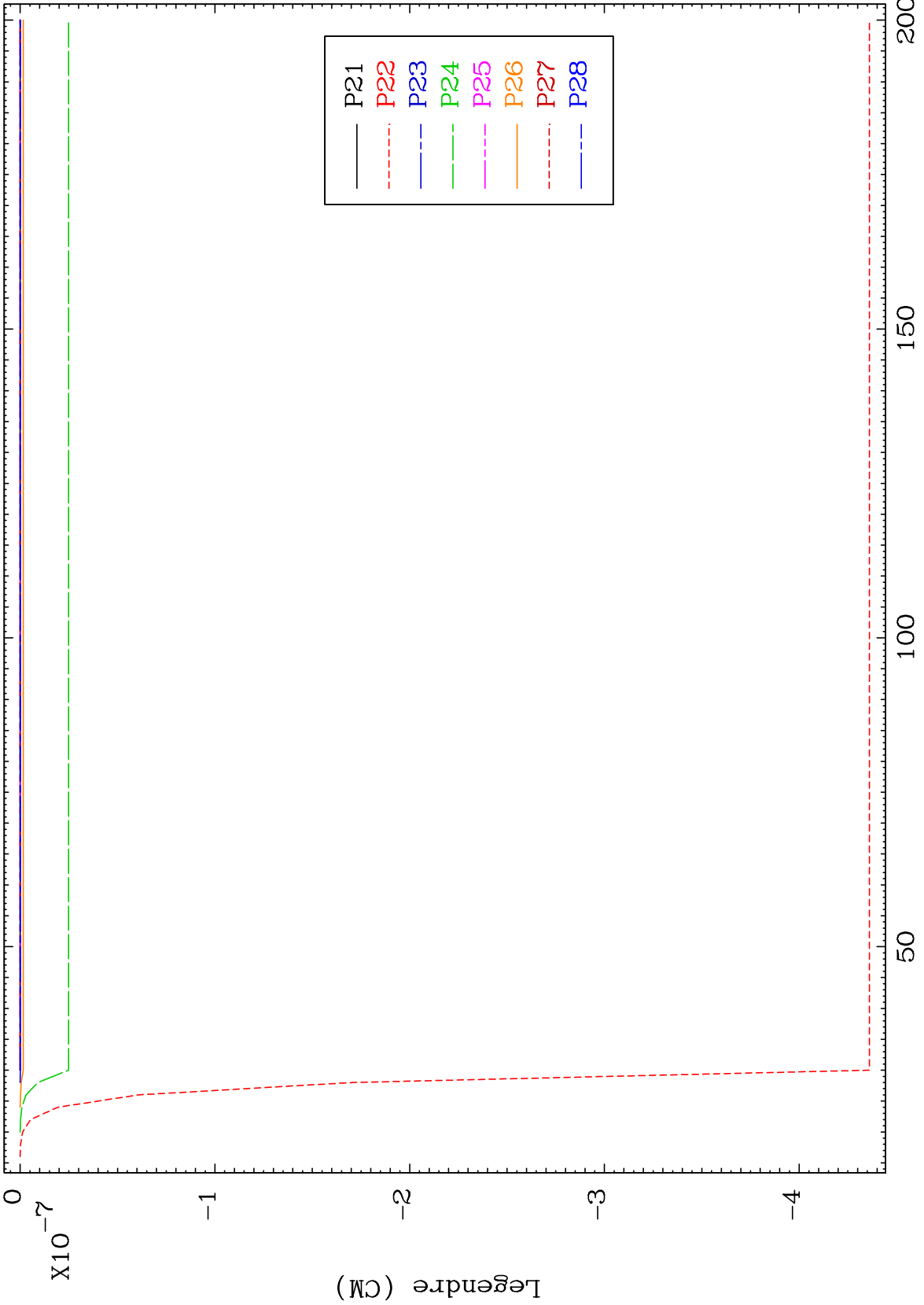


89

Incident Energy (MeV)

58-Ce-146

MAT 5855 MT= 69 (n,n') Level Legendre Coefficients 58-Ce-146

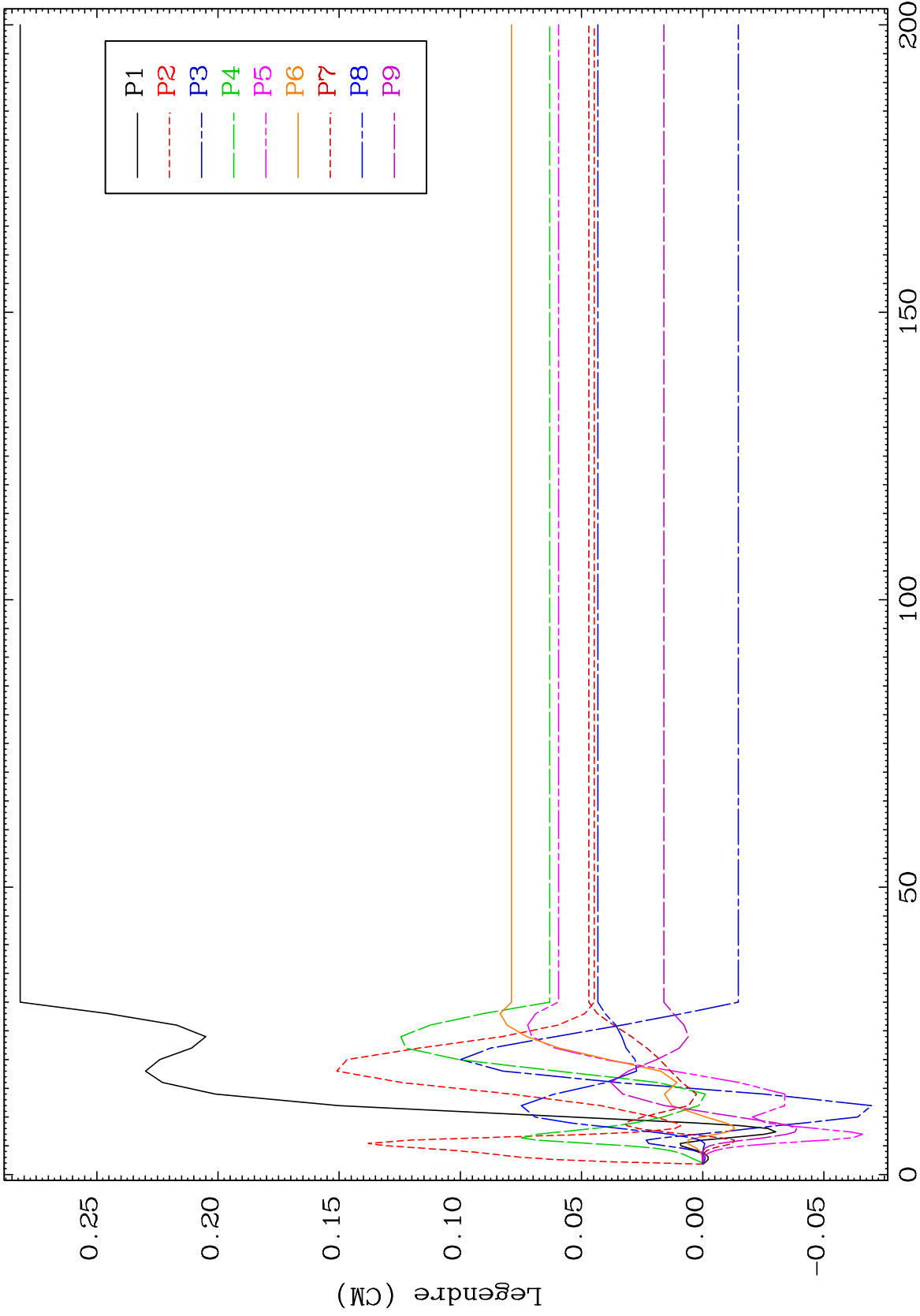


90 50 100 150 200 Incident Energy (MeV) 58-Ce-146

MAT 5855

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

58-Ce-146



91

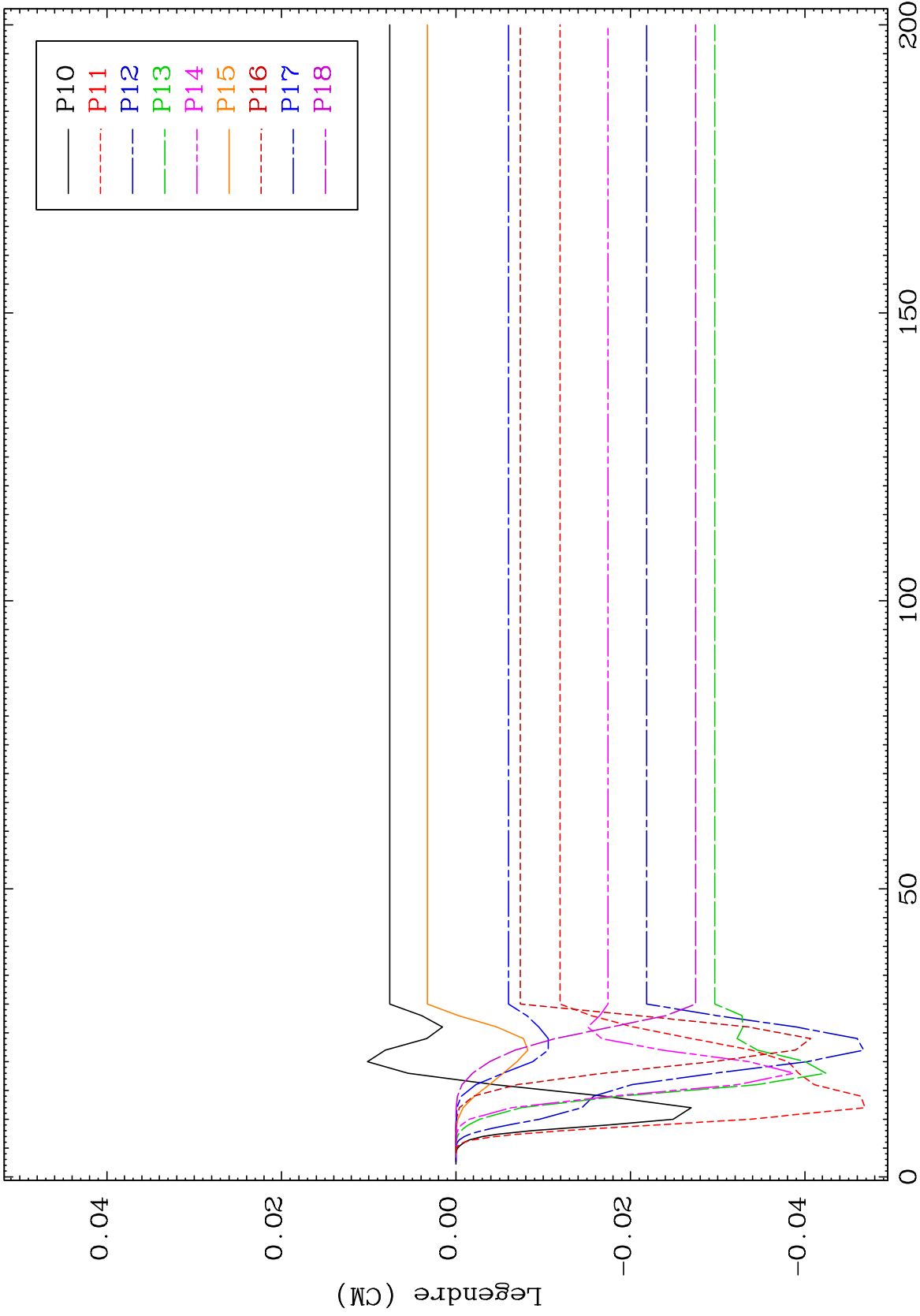
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146

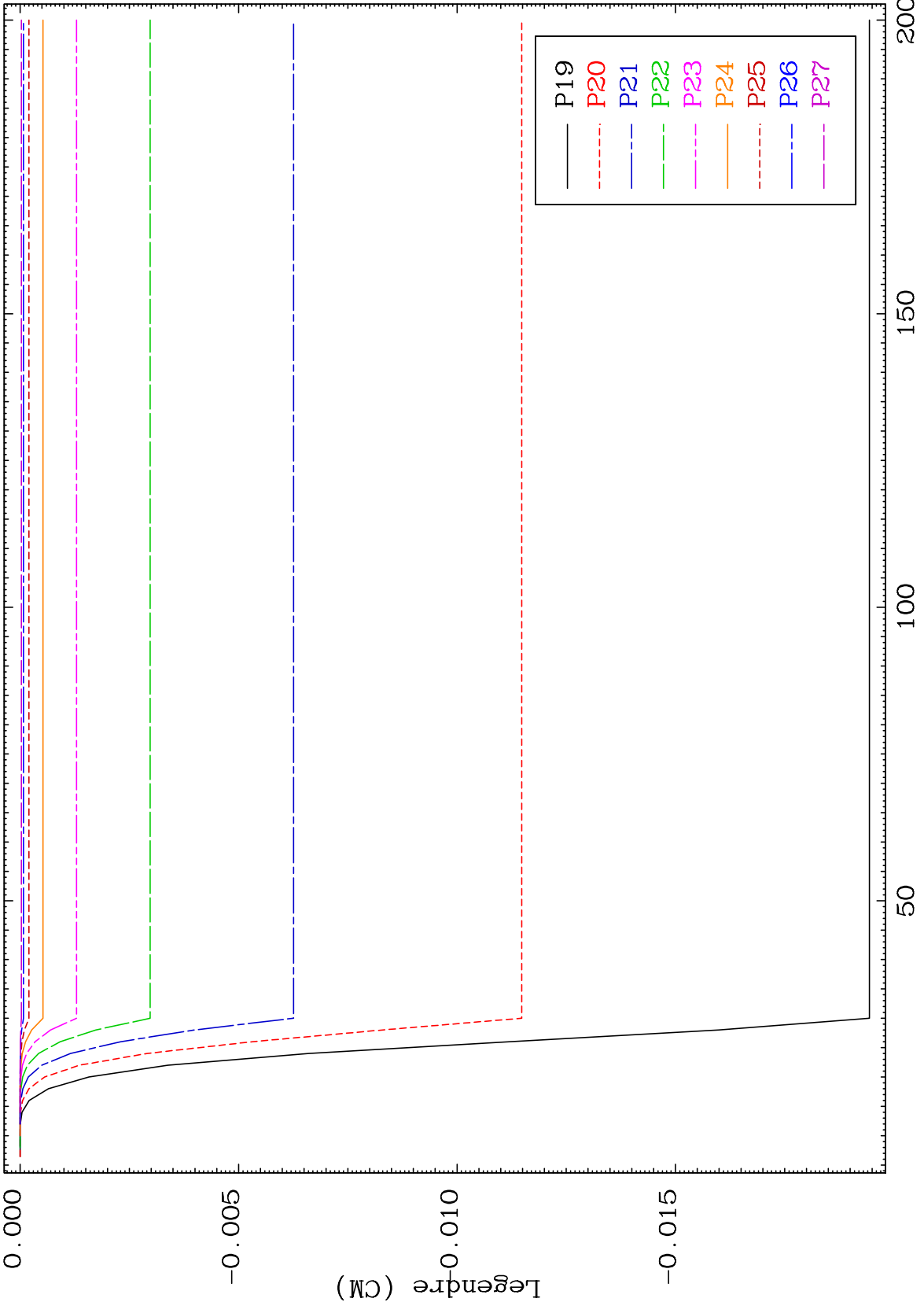


92

Incident Energy (MeV)

58-Ce-146

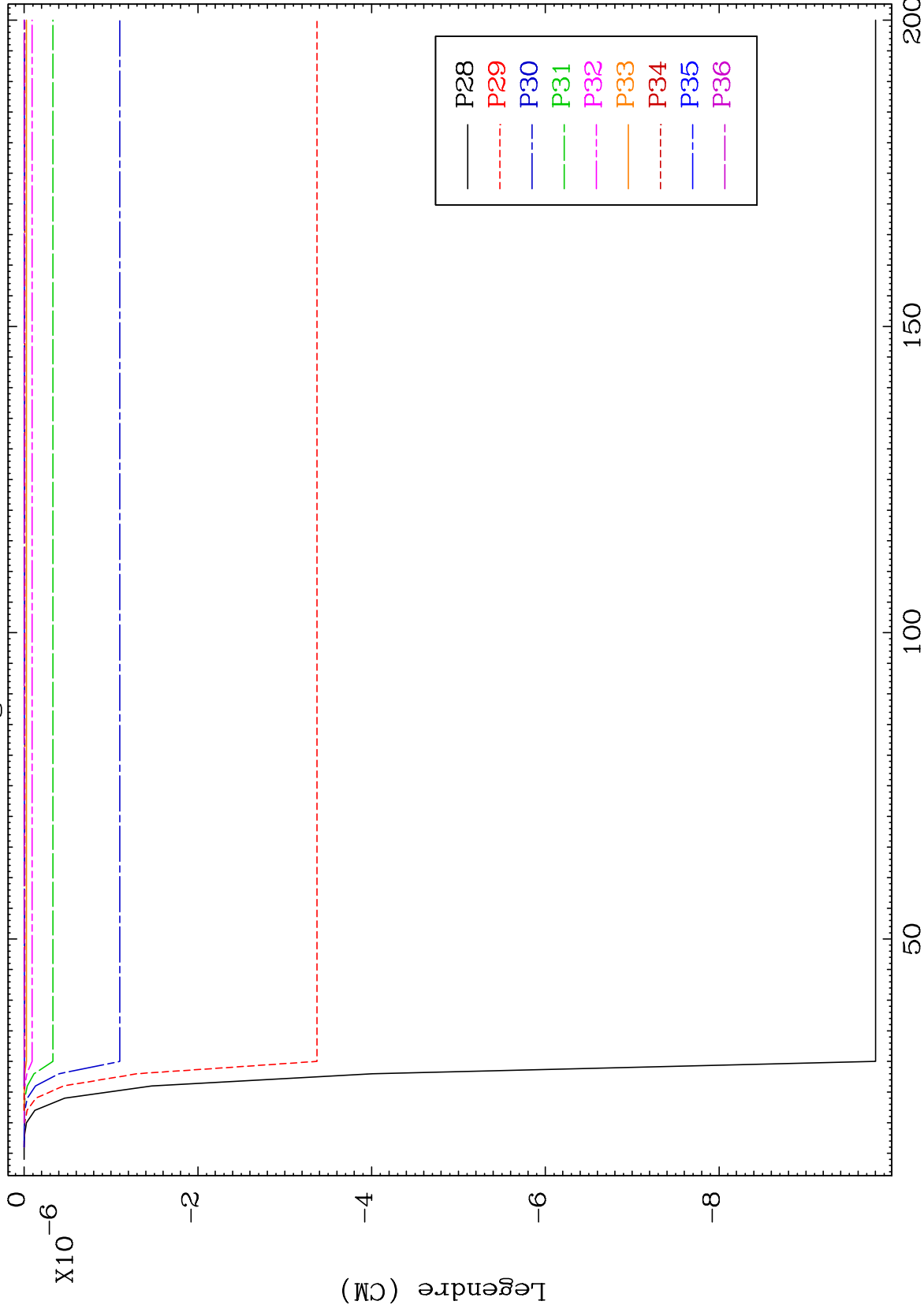
MAT 5855 MT= 70 (n,n') Level Legendre Coefficients 58-Ce-146



MAT 5855

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

58-Ce-146



58-Ce-146

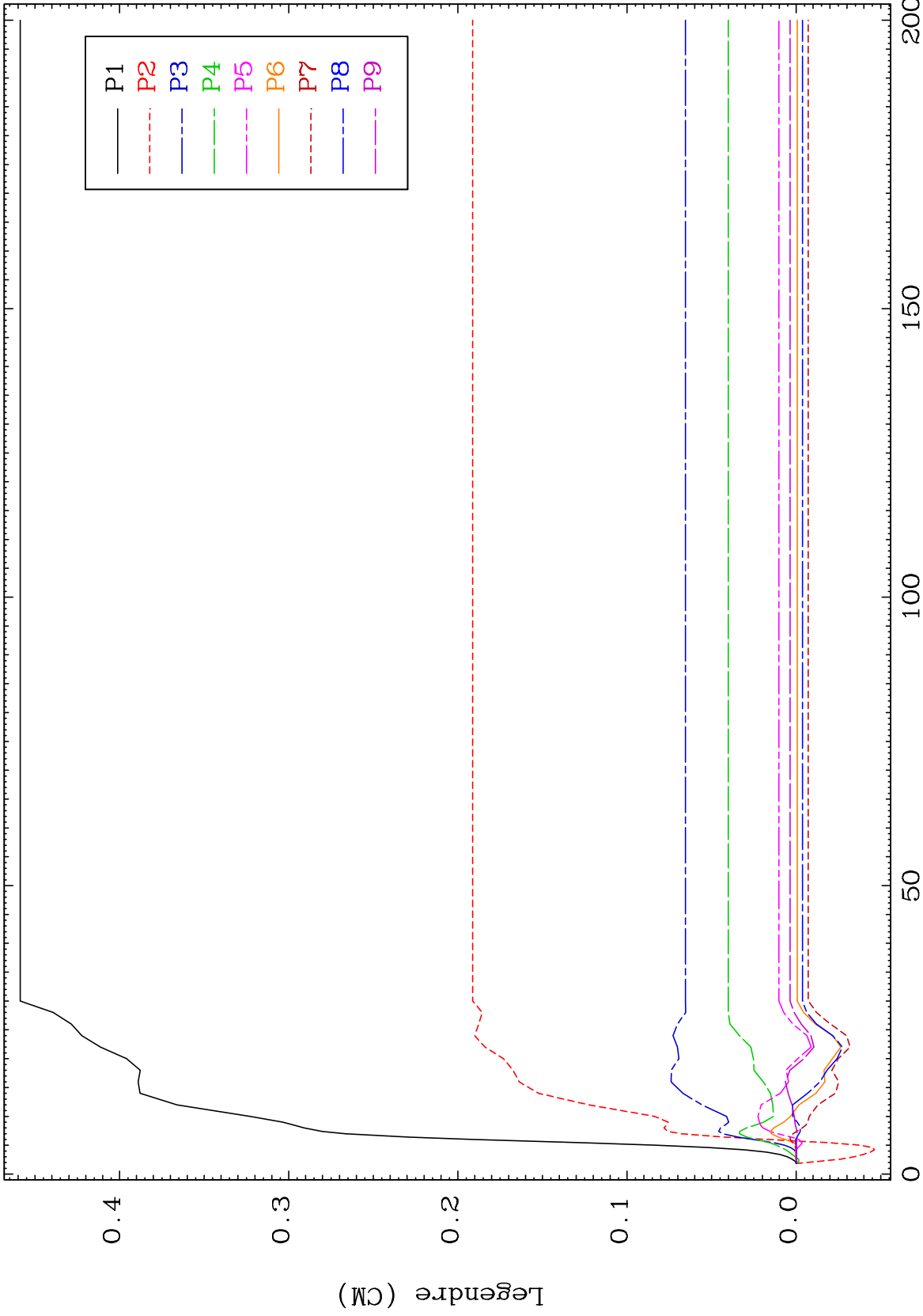
Incident Energy (MeV)

94

MAT 5855

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

58-Ce-146



95

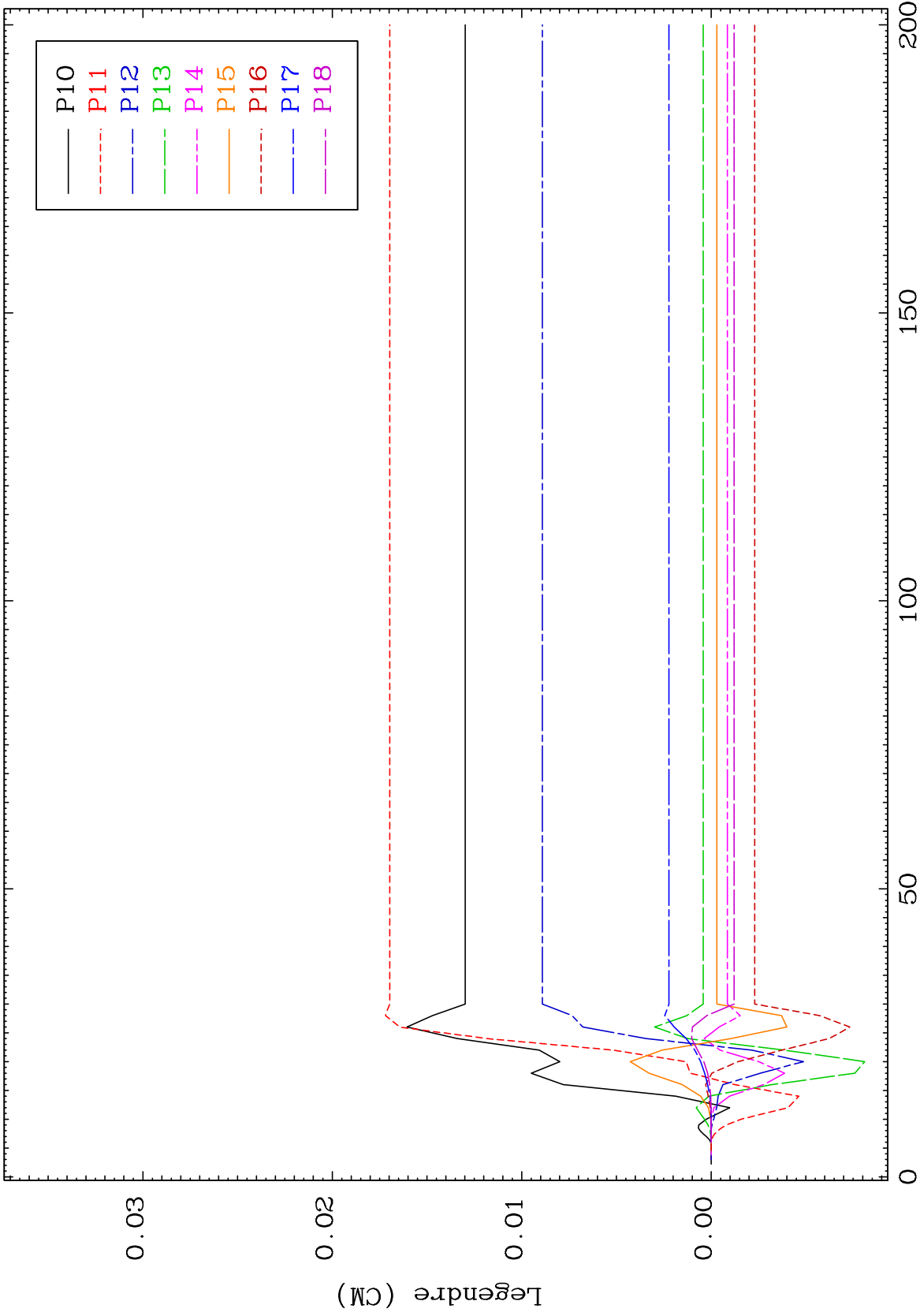
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



96

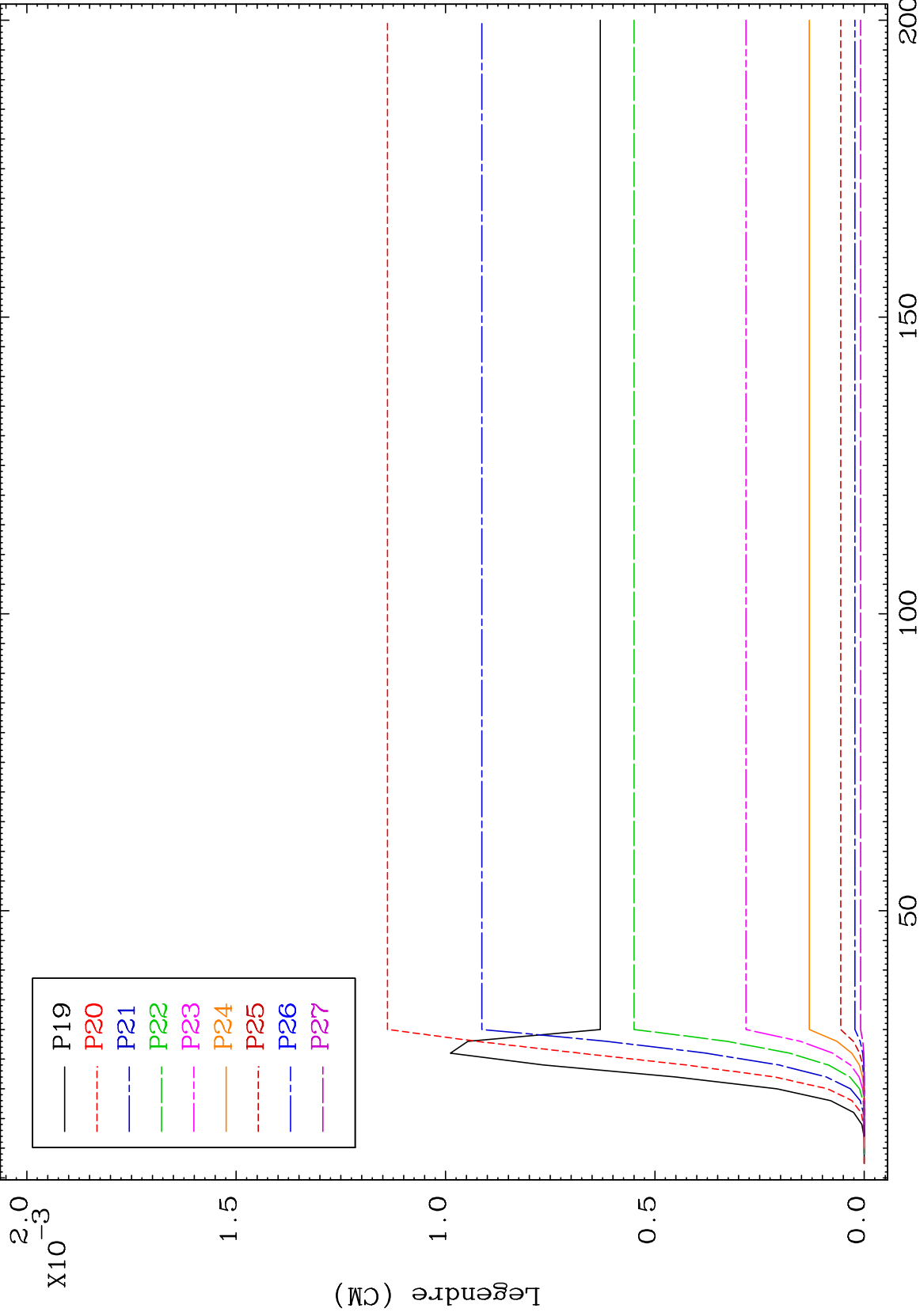
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



97

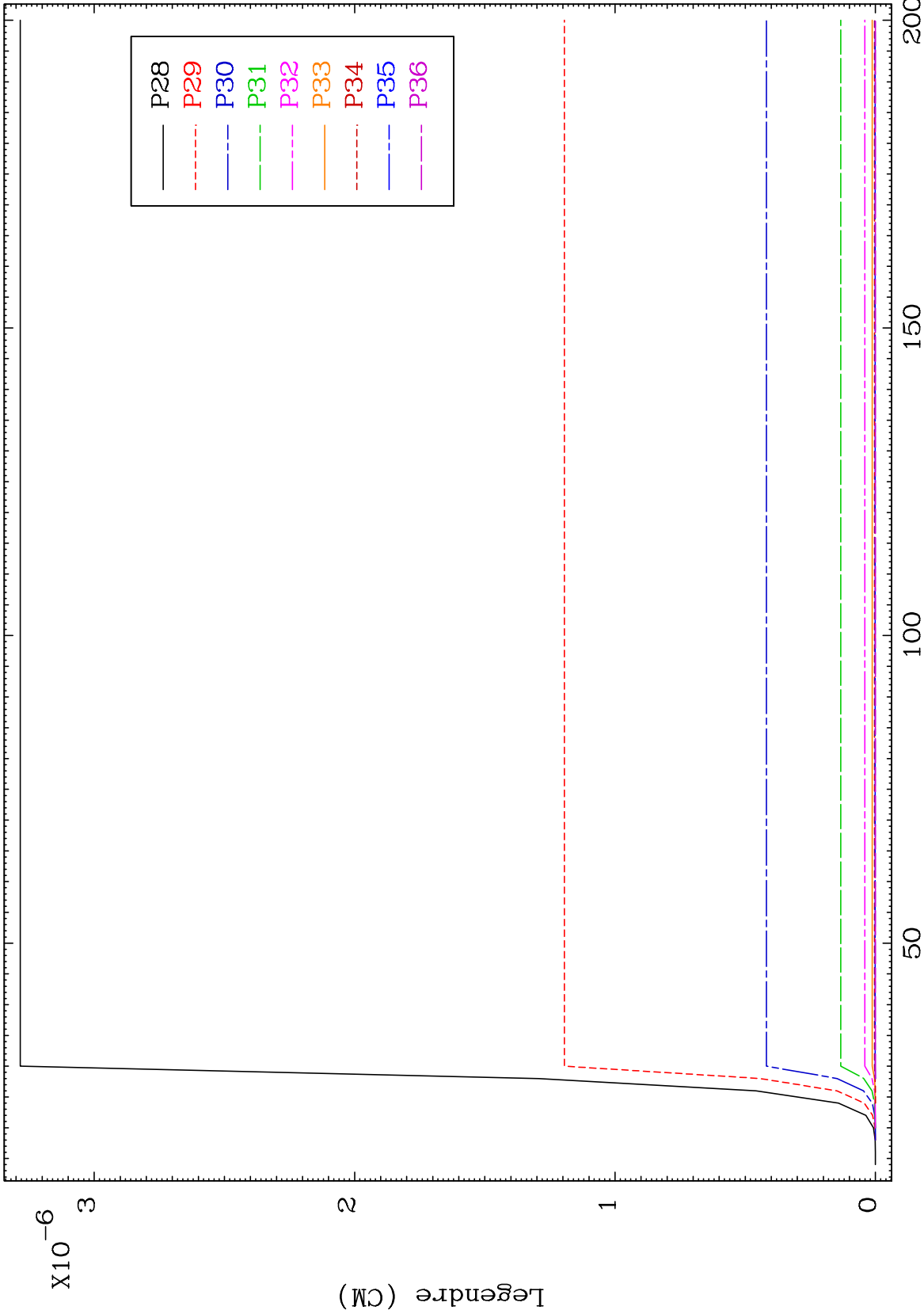
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

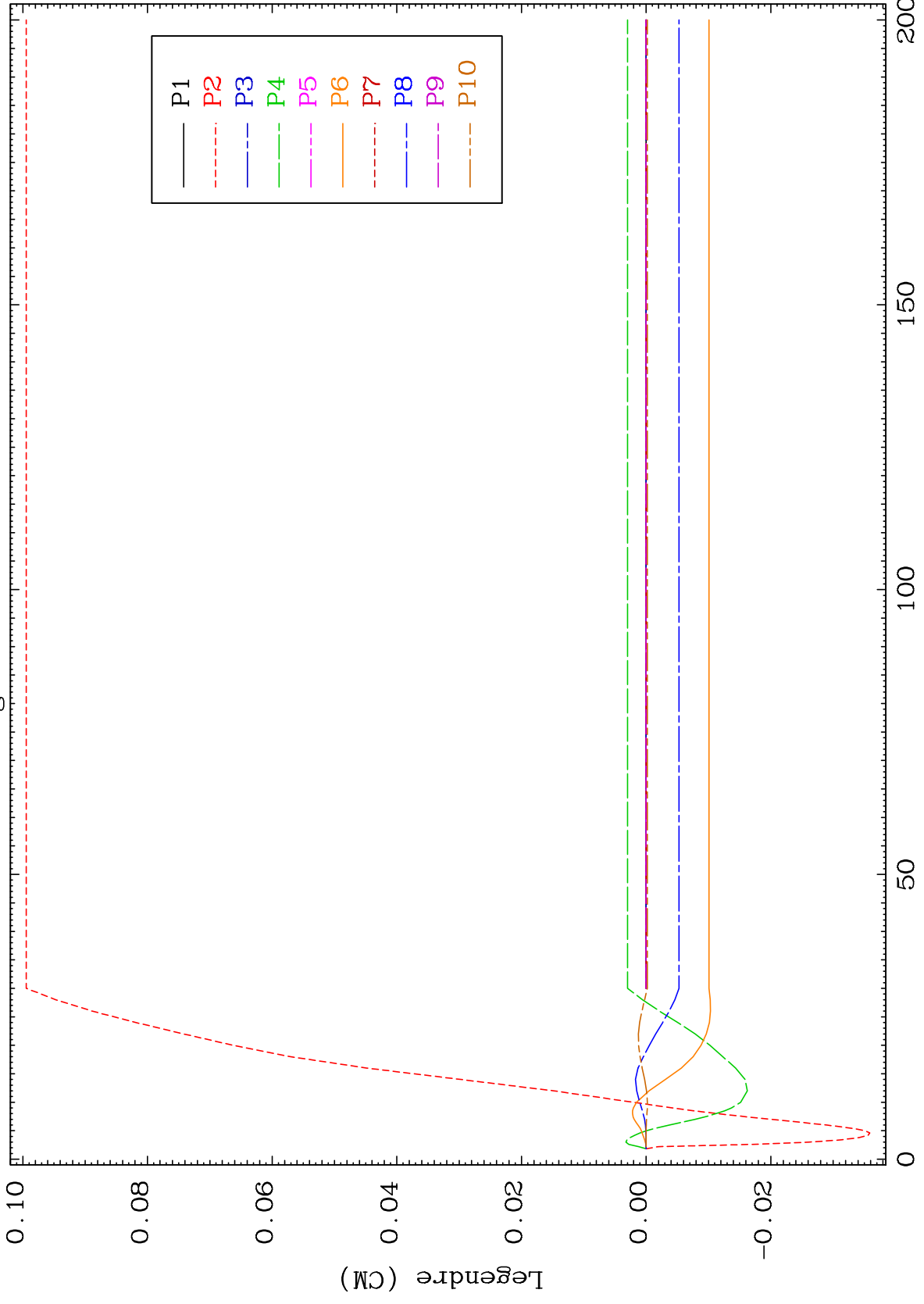
58-Ce-146



98

58-Ce-146

MAT 5855 MT= 72 (n,n') Level Legendre Coefficients 58-Ce-146

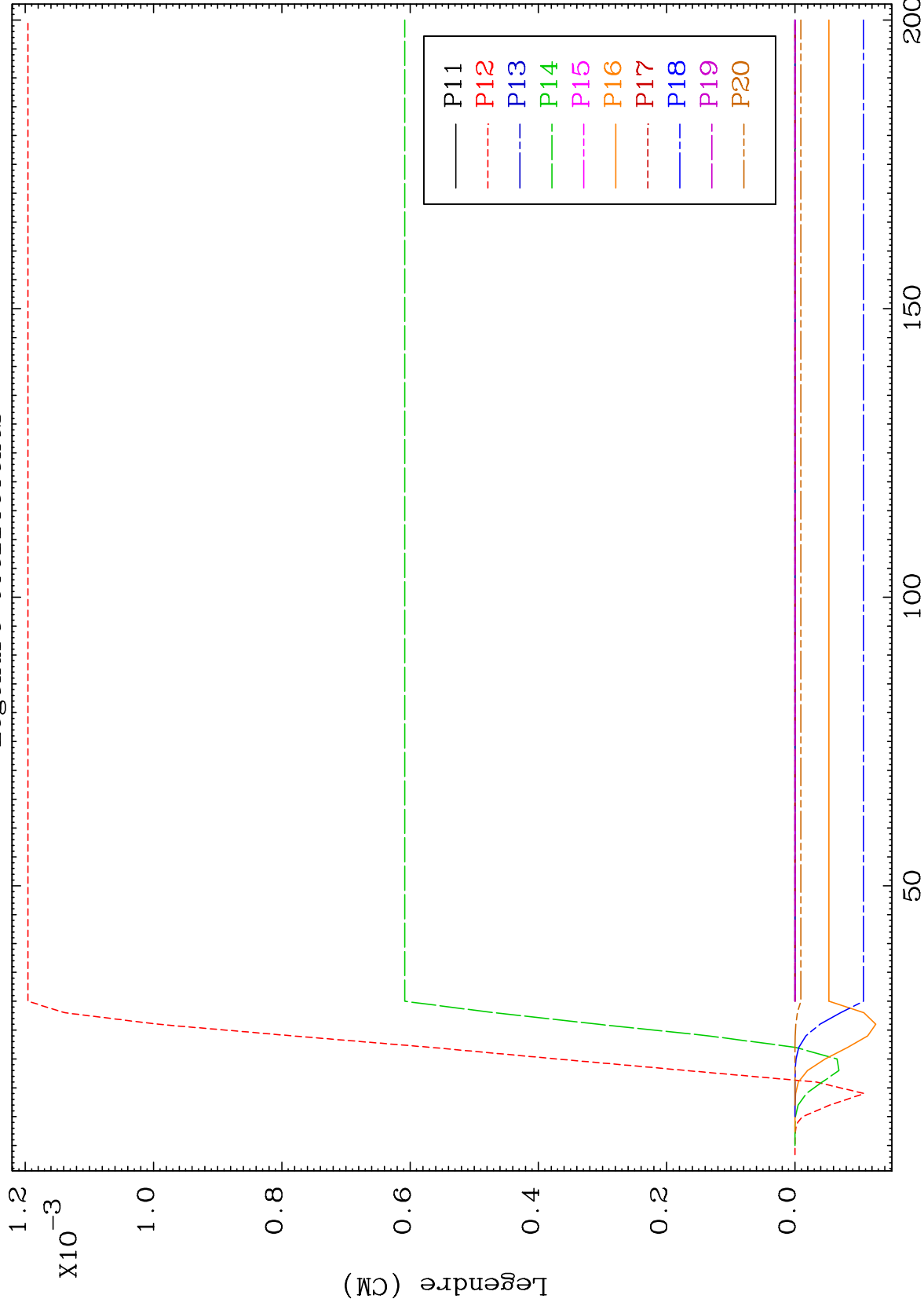


99 Incident Energy (MeV) 58-Ce-146

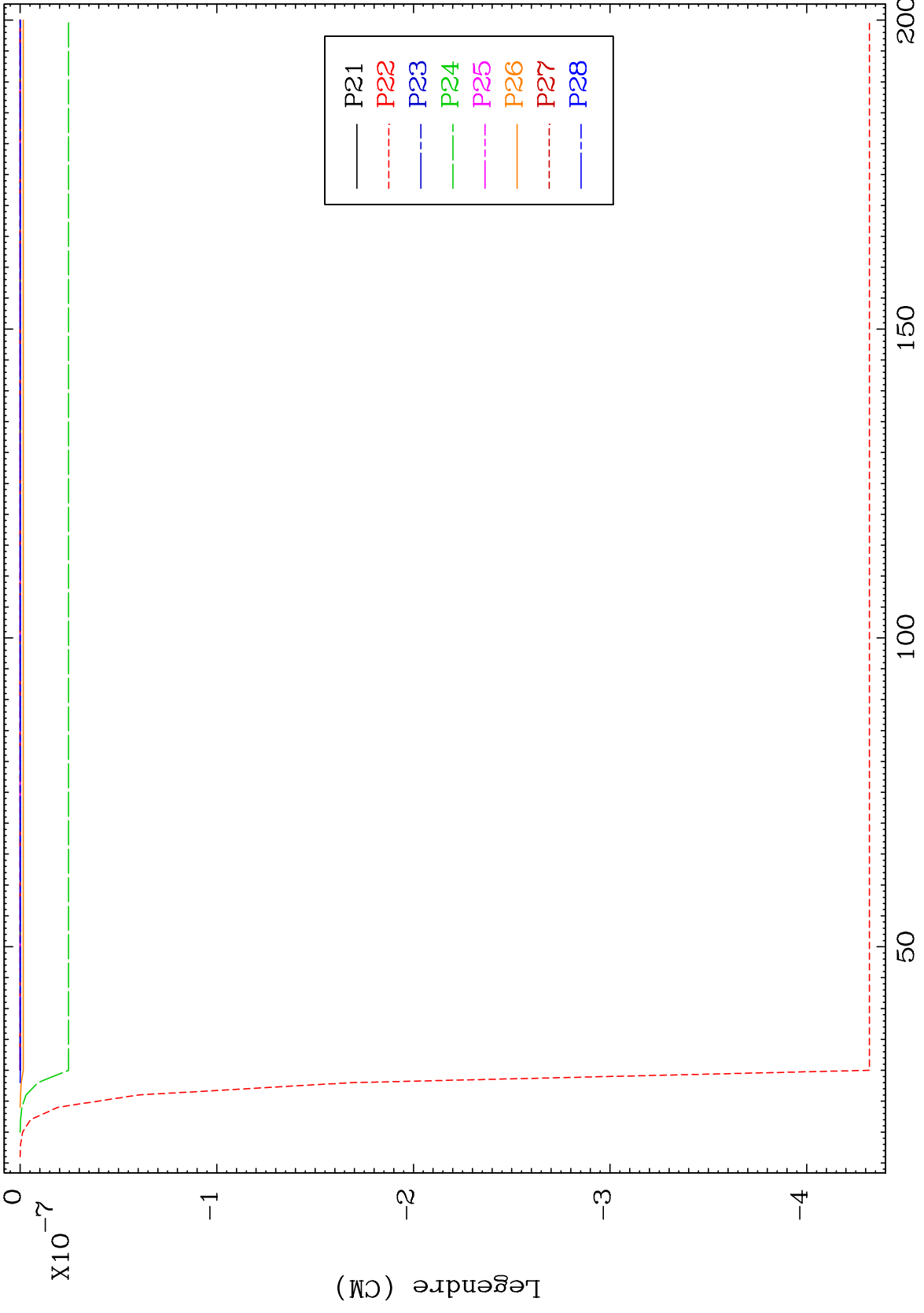
MAT 5855

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

58-Ce-146



MAT 5855 MT= 72 (n,n') Level Legendre Coefficients 58-Ce-146

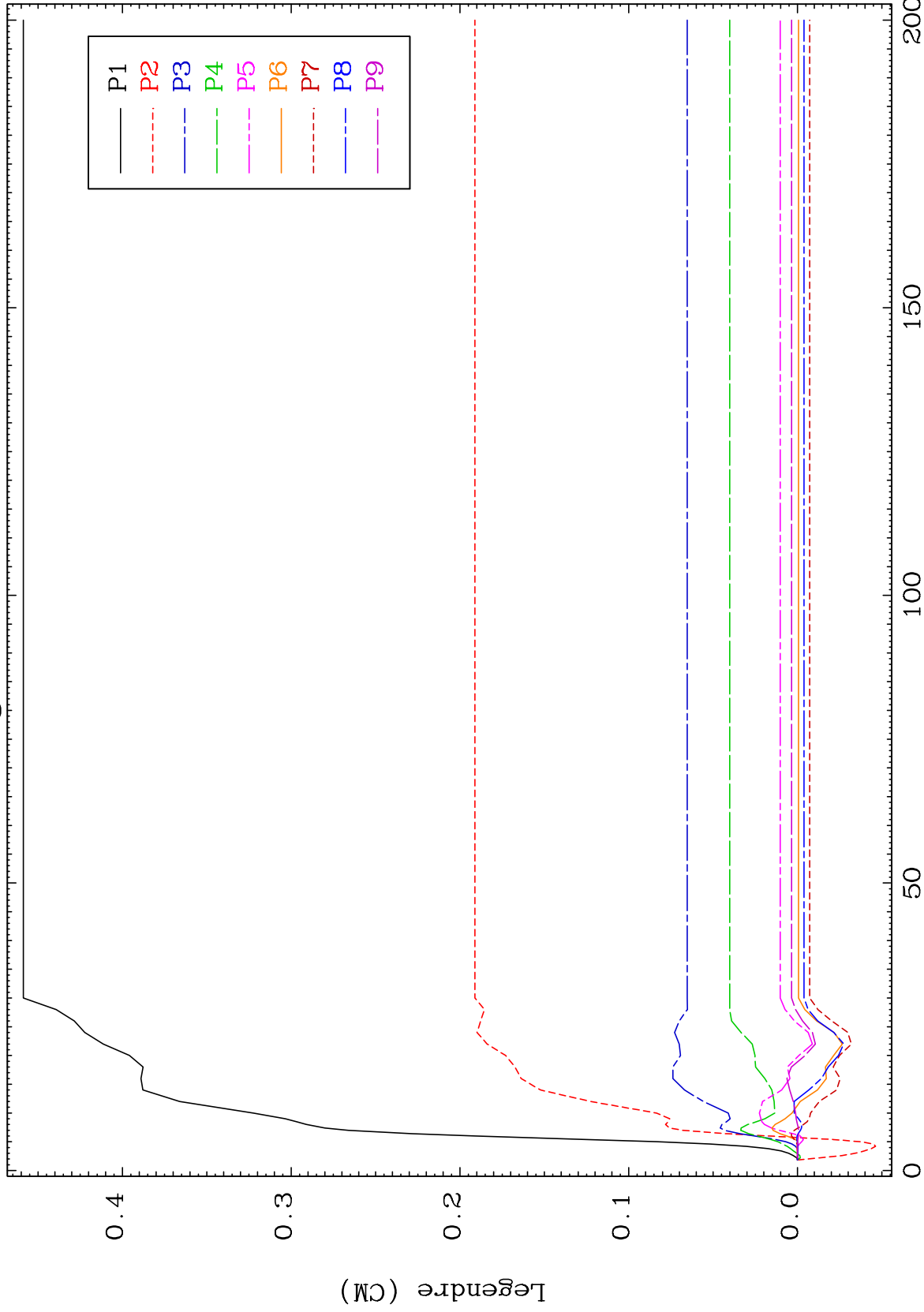


101 Incident Energy (MeV) 58-Ce-146

MAT 5855

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

58-Ce-146



102

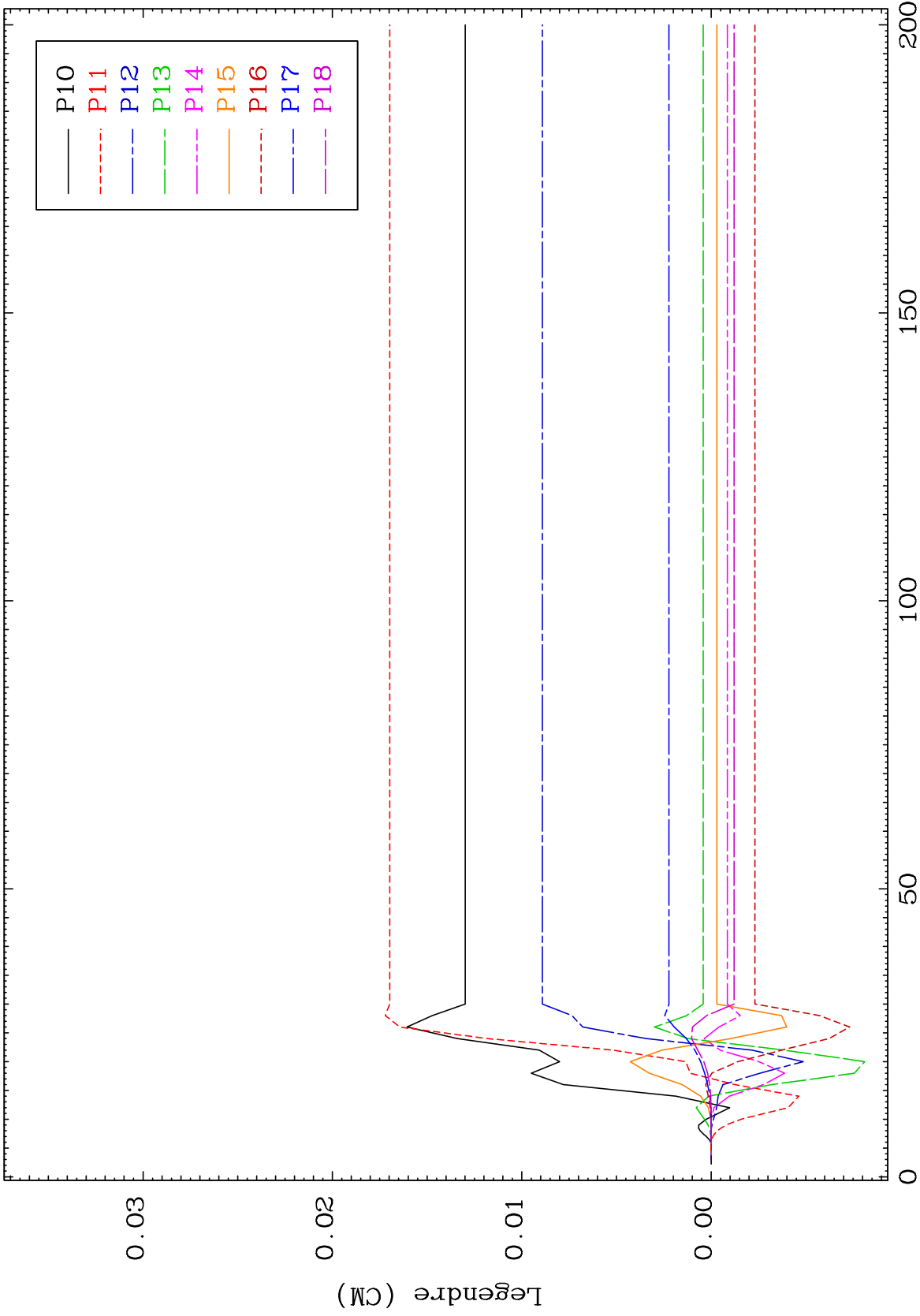
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



103

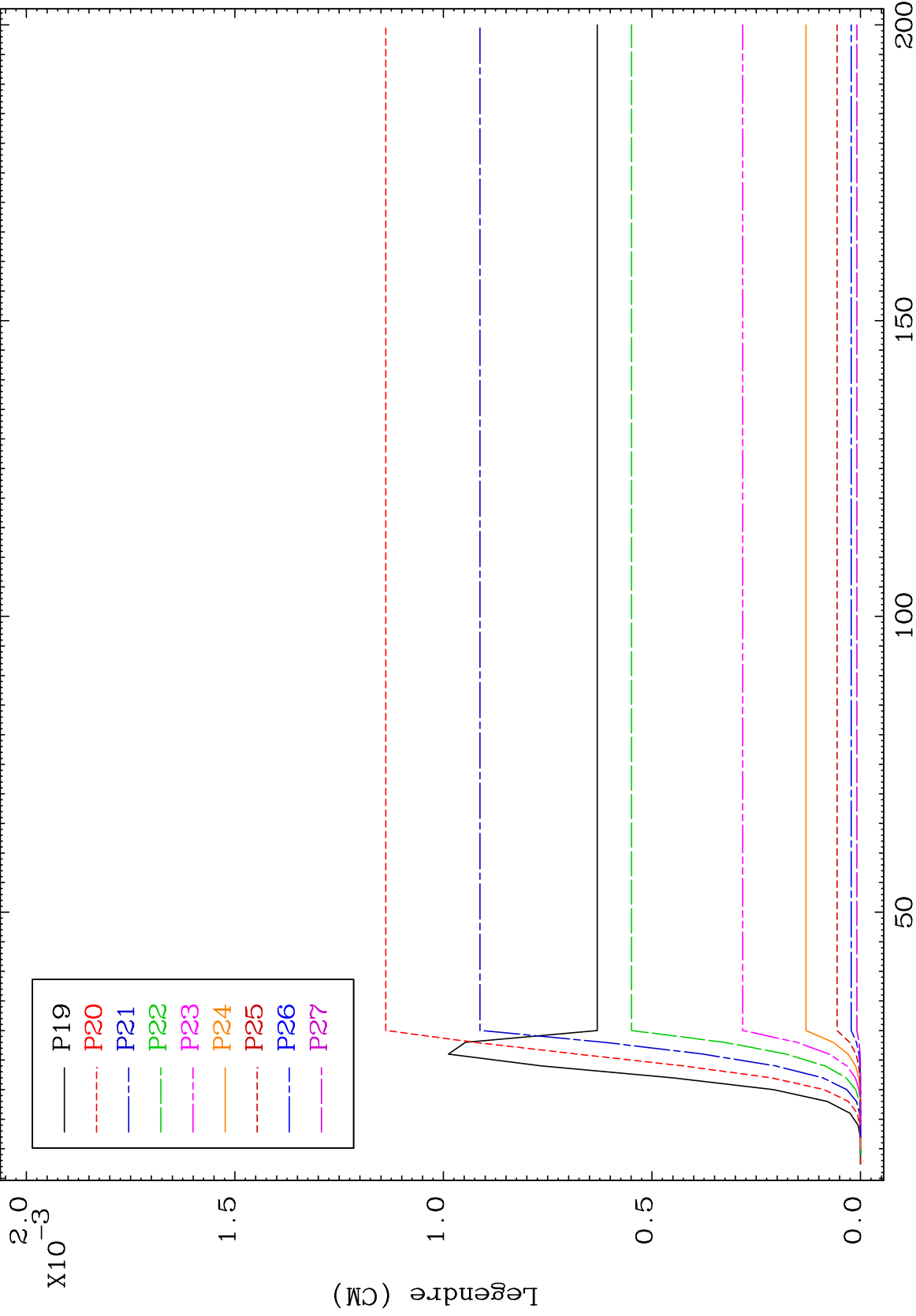
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

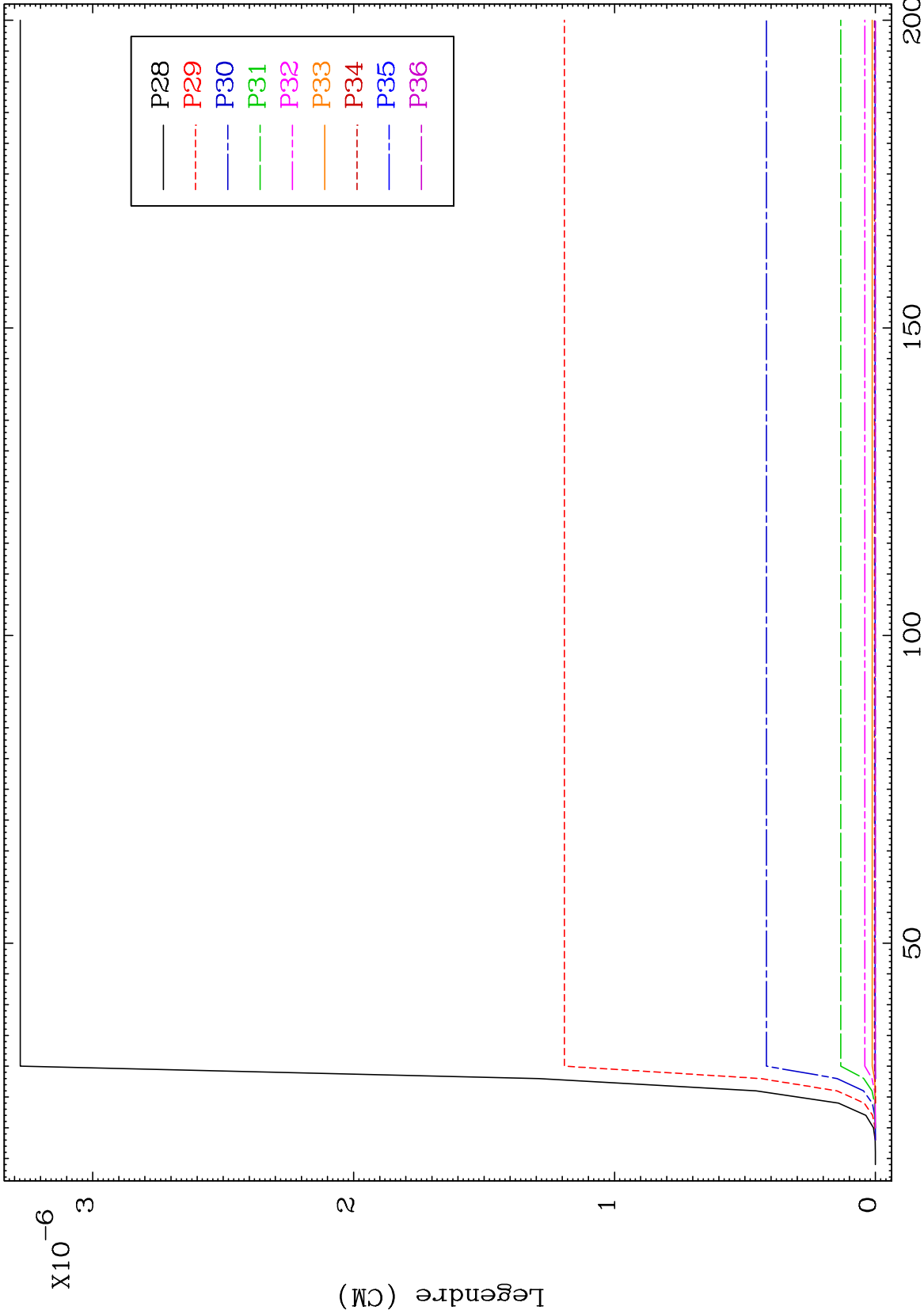
58-Ce-146



MAT 5855

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

58-Ce-146



105

50

100

150

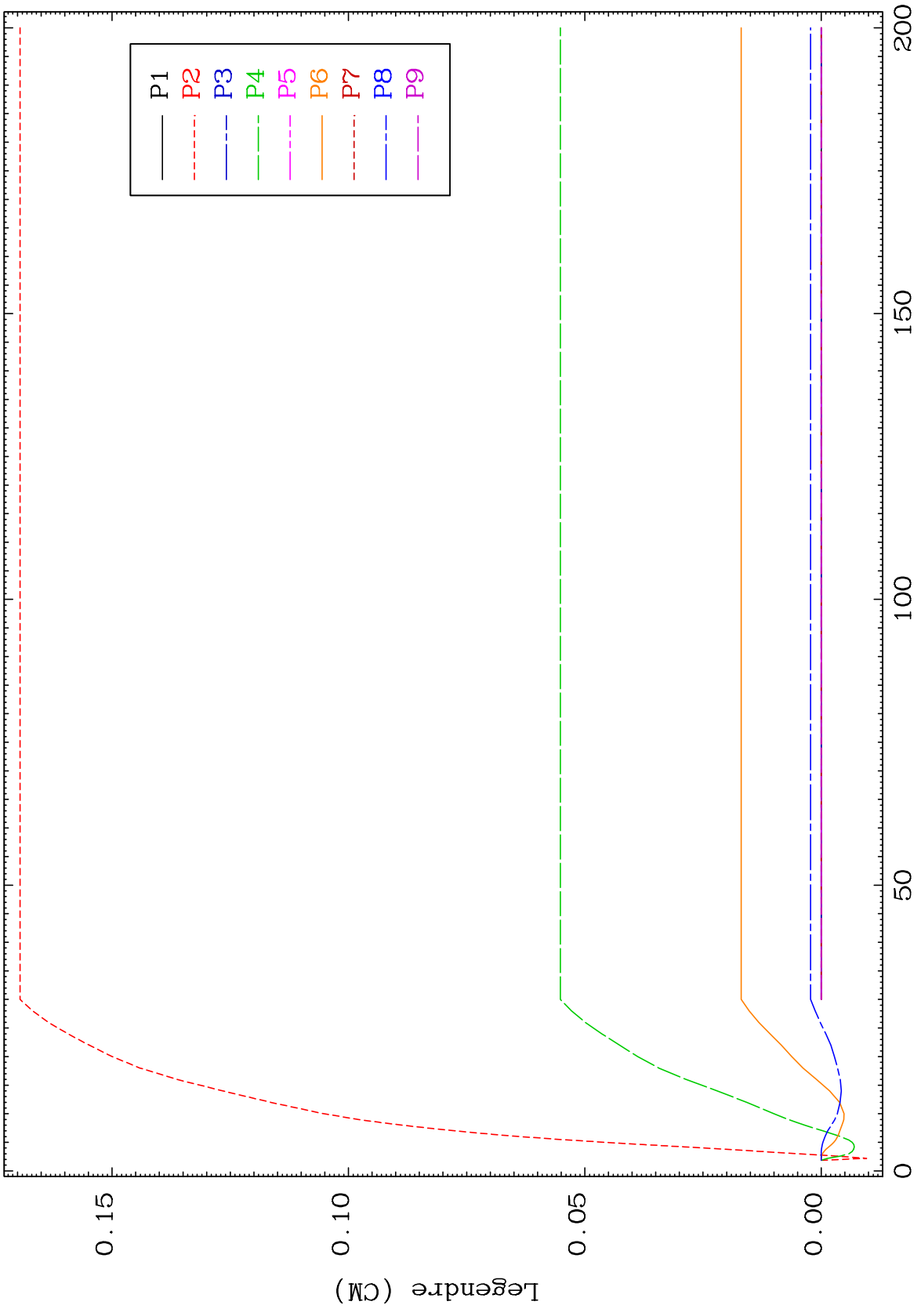
200

58-Ce-146

MAT 5855

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

58-Ce-146



106

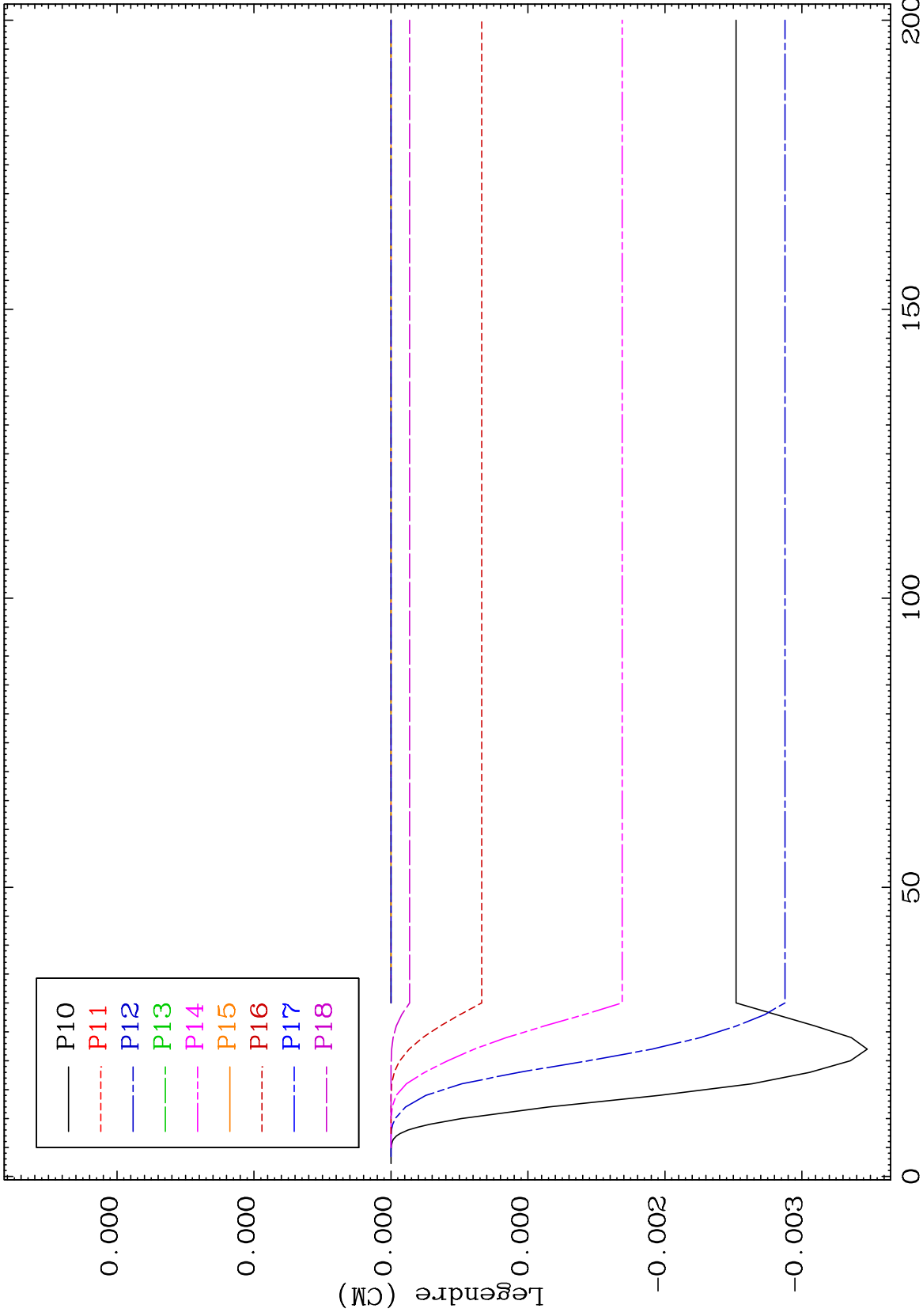
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



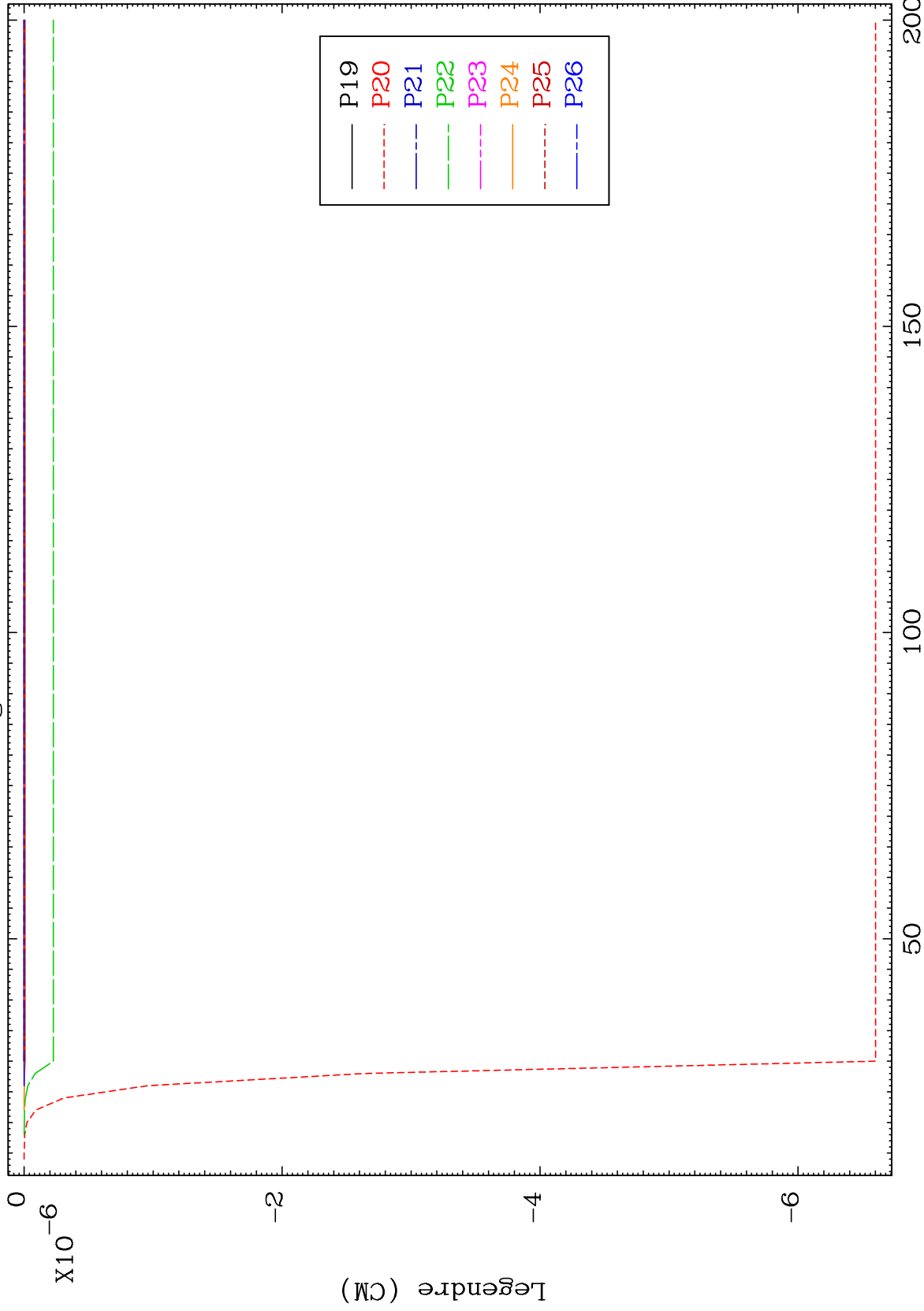
107

58-Ce-146

MAT 5855

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

58-Ce-146



108

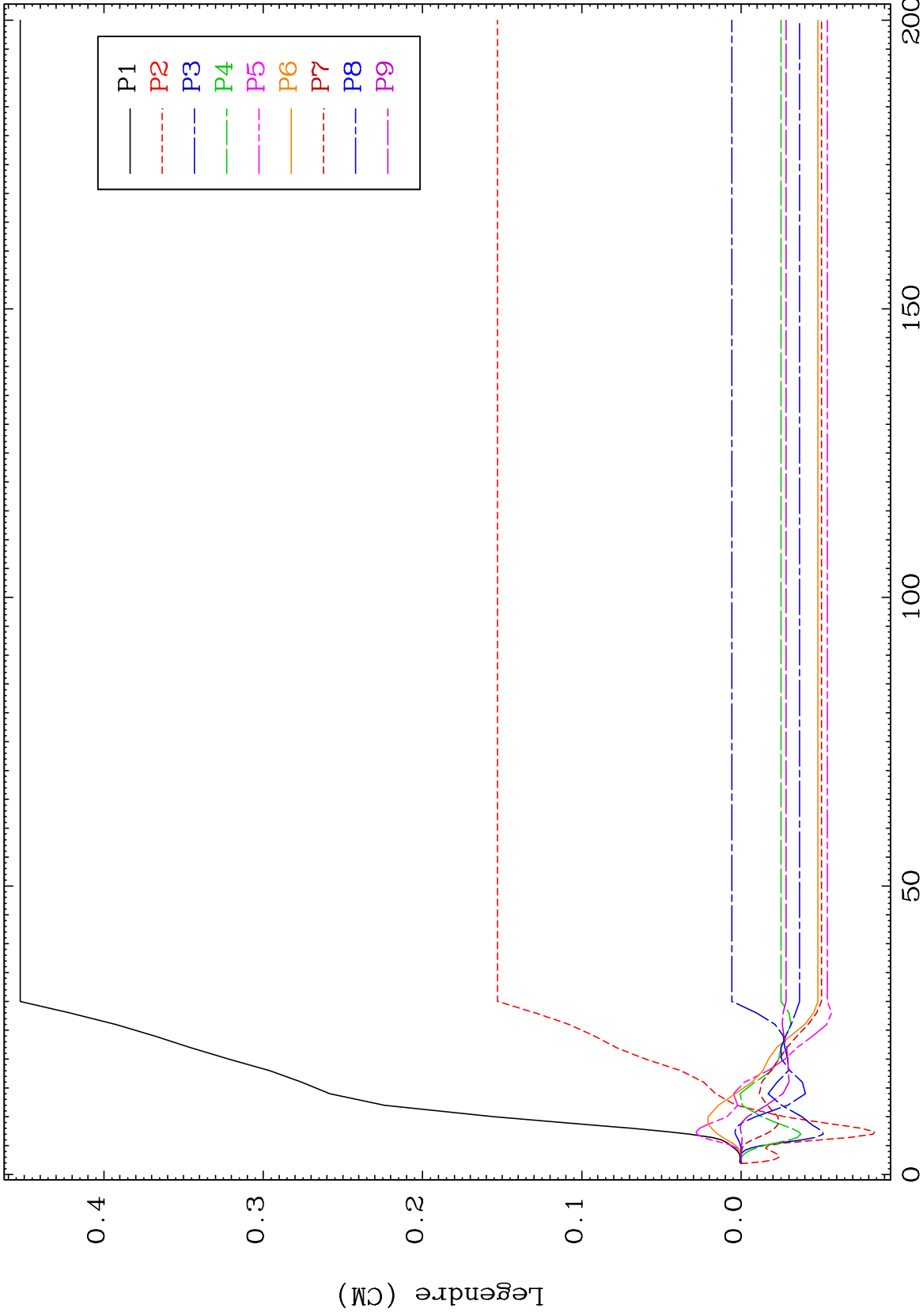
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



58-Ce-146

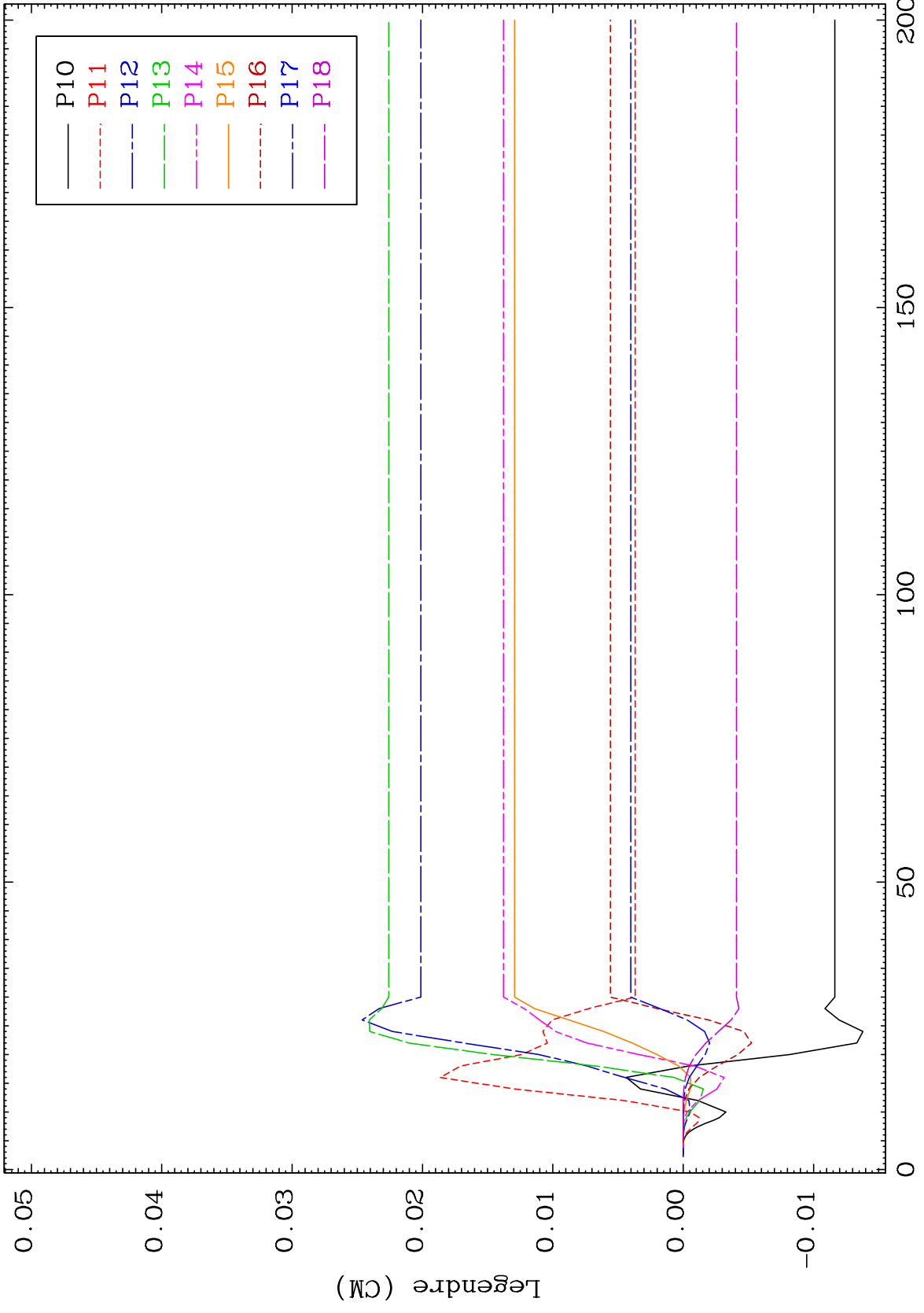
Incident Energy (MeV)

109

MAT 5855

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

58-Ce-146



110

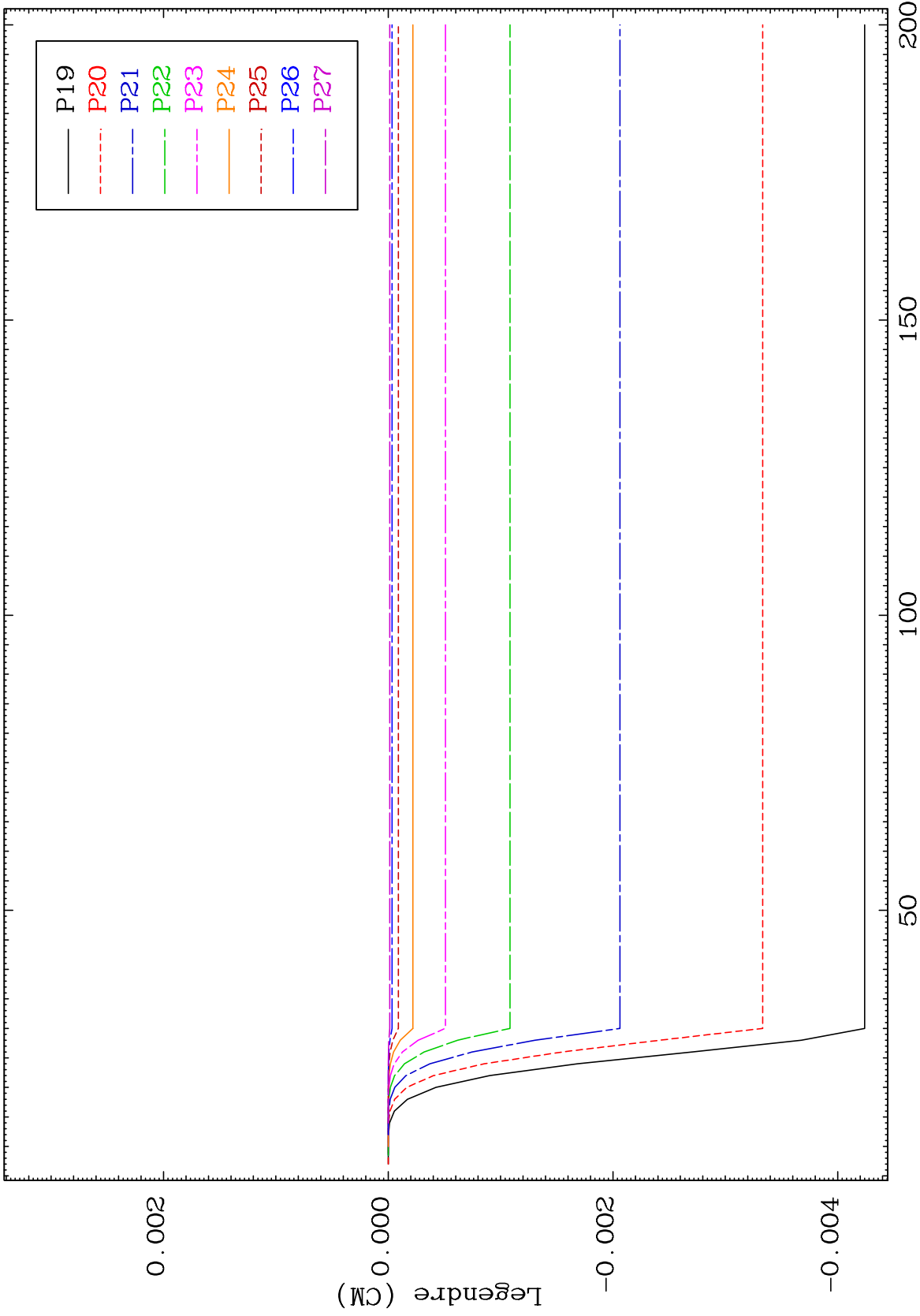
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



111

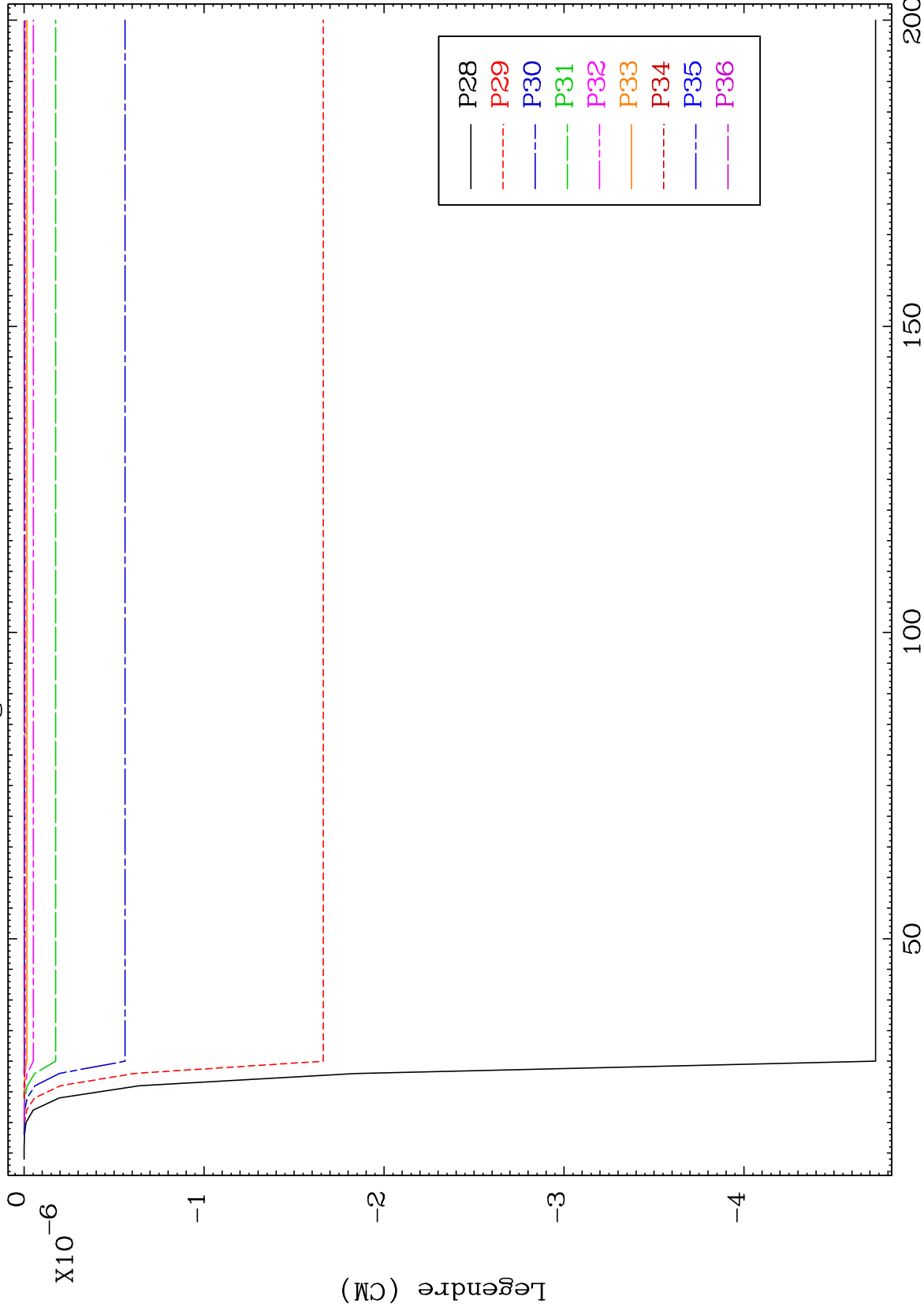
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146

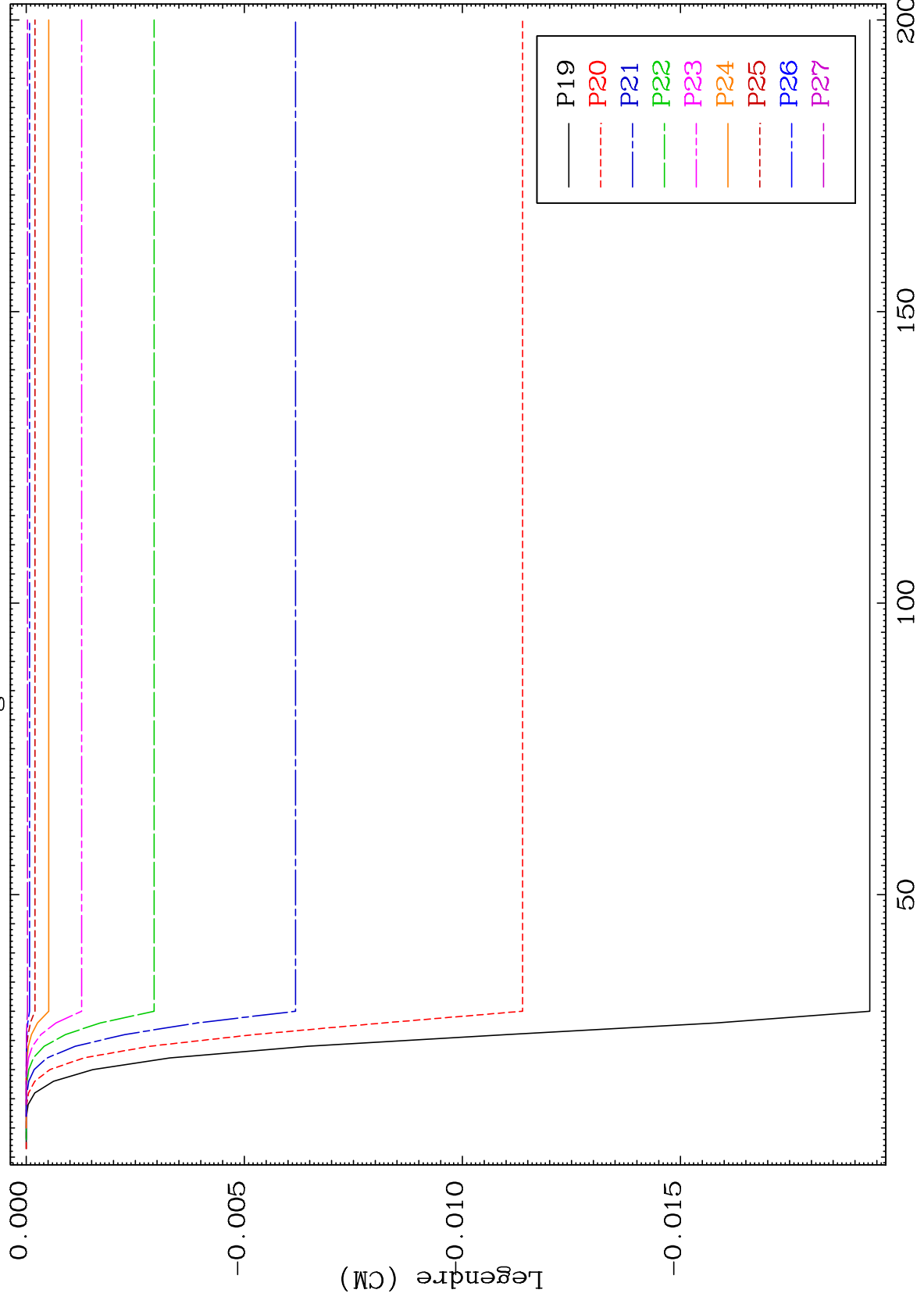


58-Ce-146

Incident Energy (MeV)

112

MAT 5855 MT= 76 (n,n') Level Legendre Coefficients 58-Ce-146

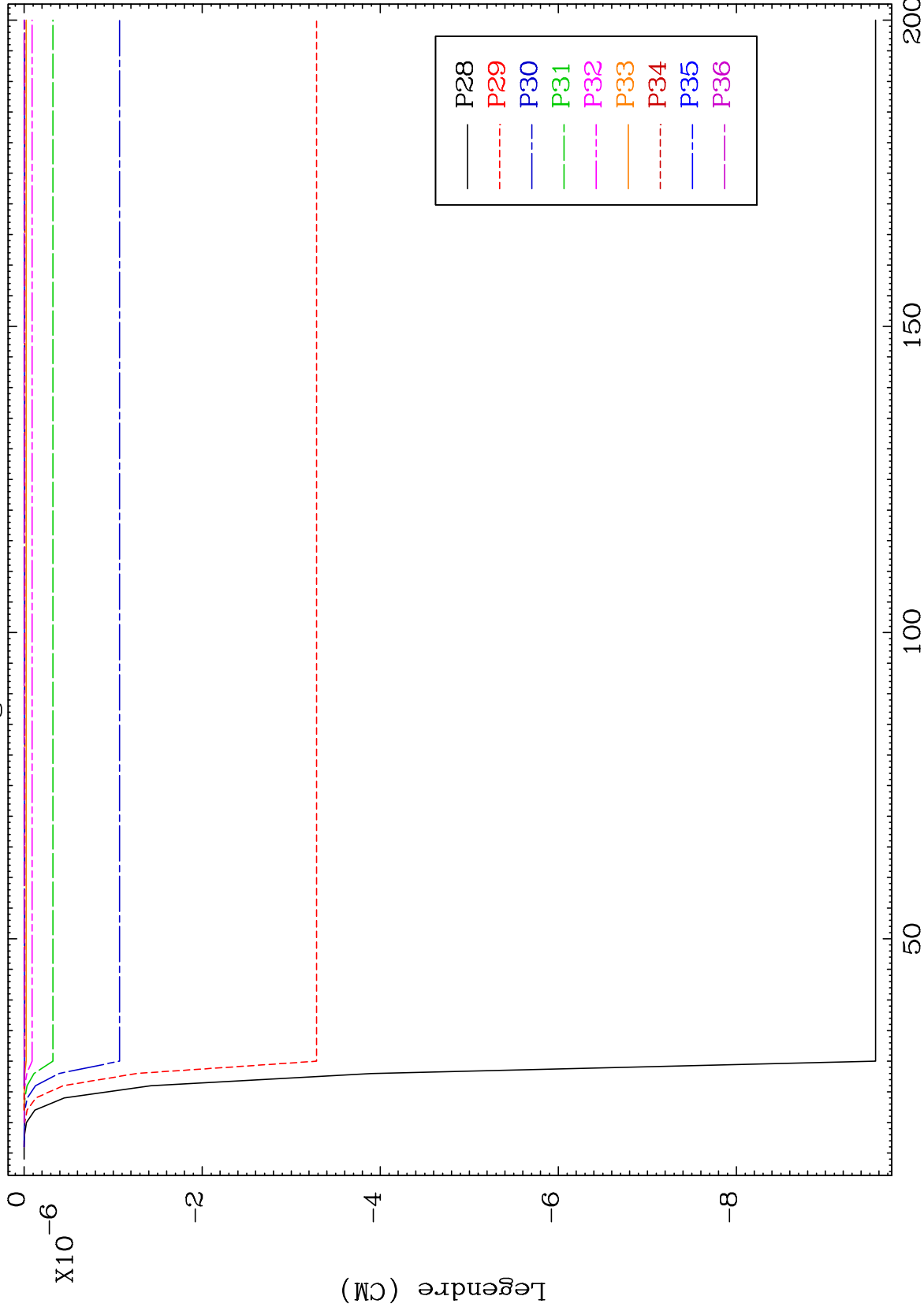


115 58-Ce-146

MAT 5855

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

58-Ce-146



116

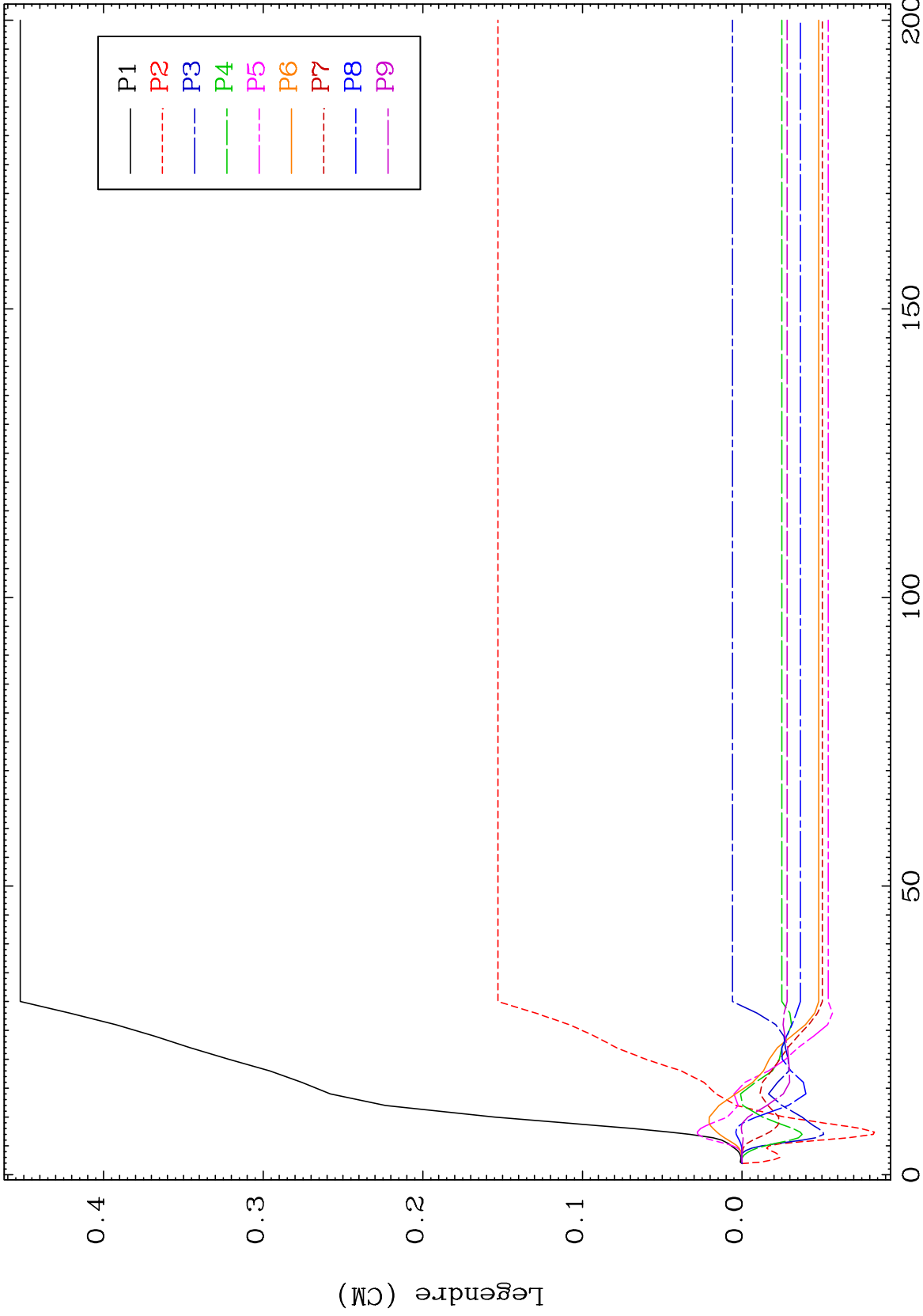
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



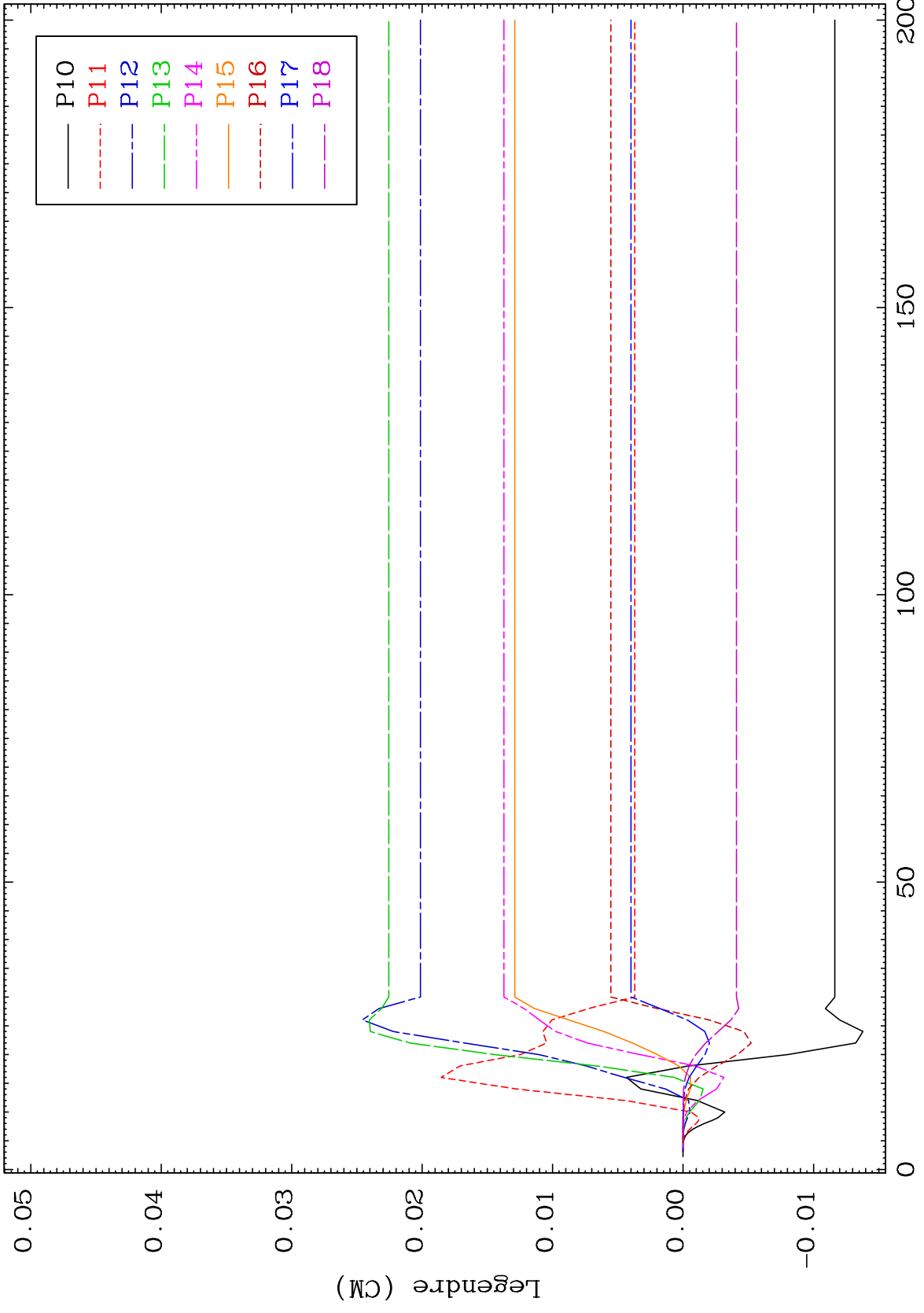
117

58-Ce-146

MAT 5855

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

58-Ce-146



118

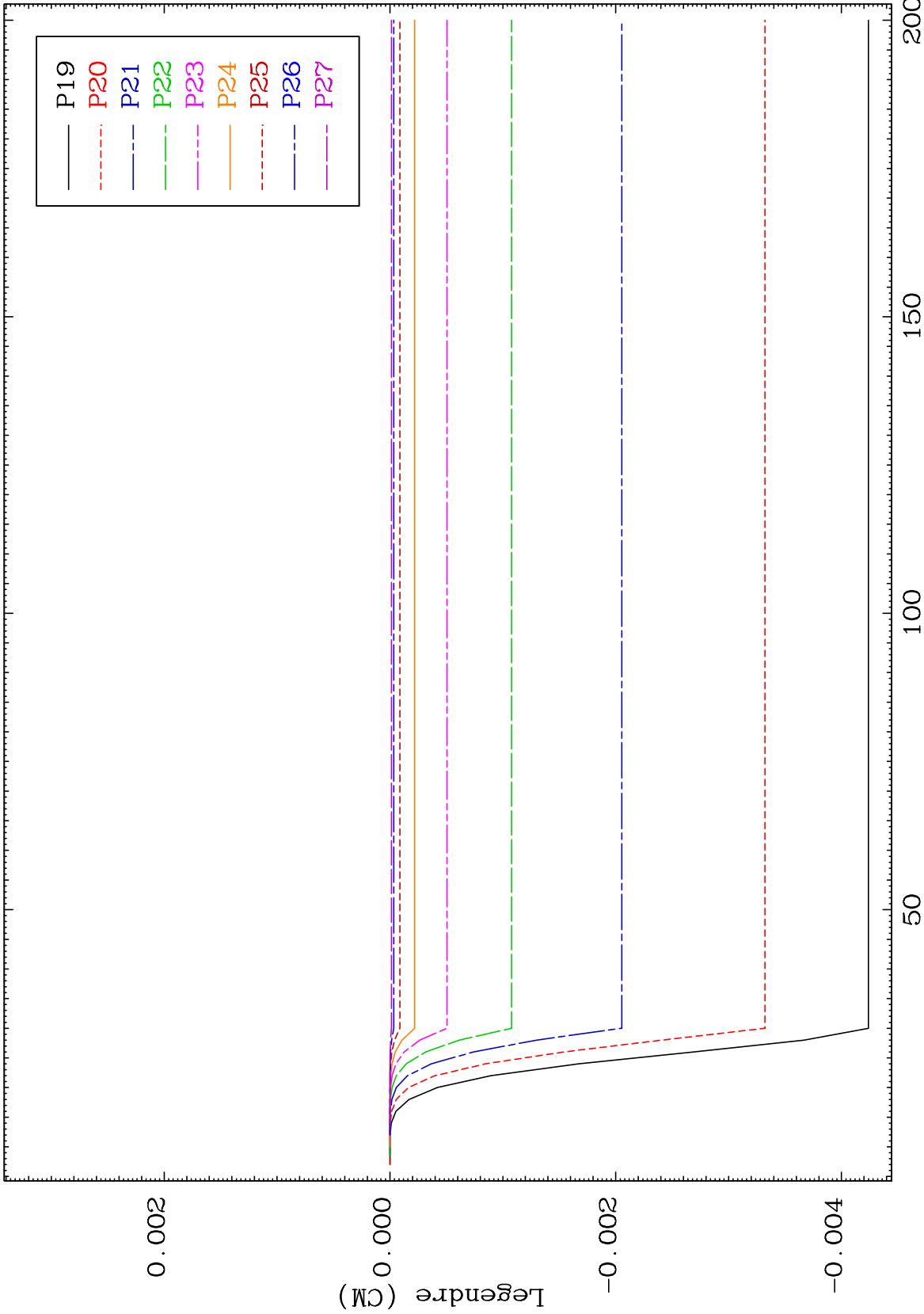
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



119

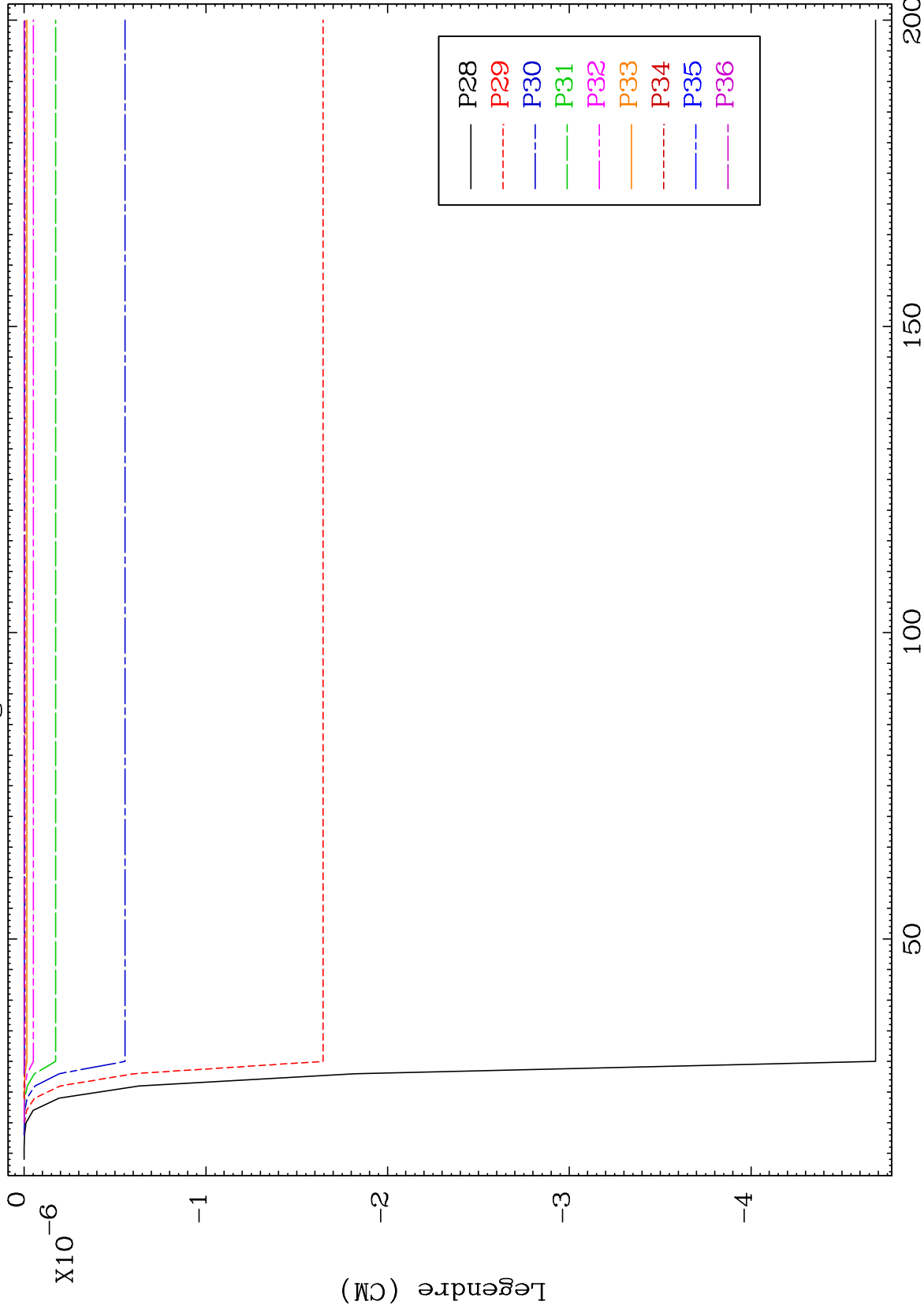
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146

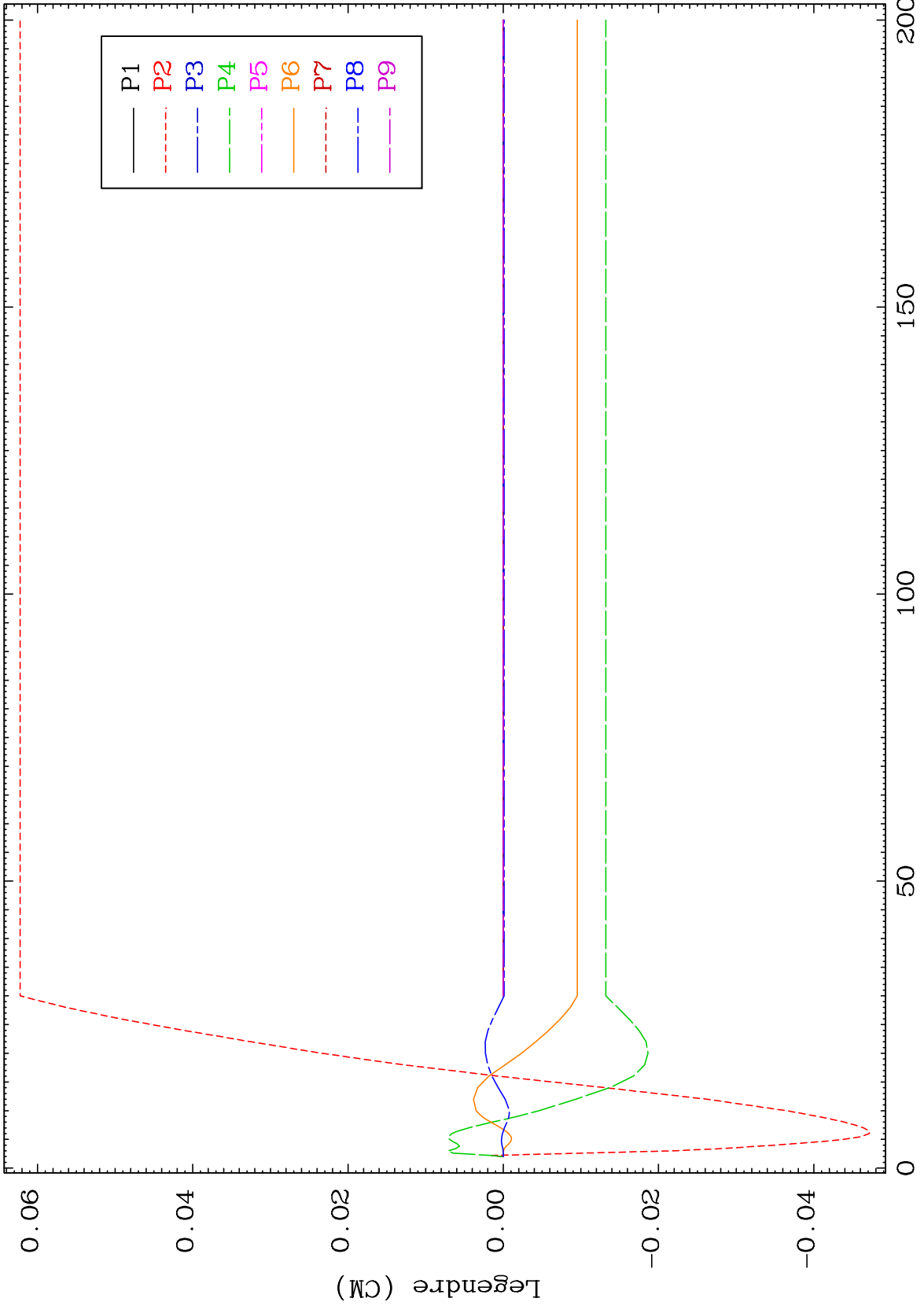


58-Ce-146

Incident Energy (MeV)

120

MAT 5855 MT= 78 (n,n') Level Legendre Coefficients 58-Ce-146

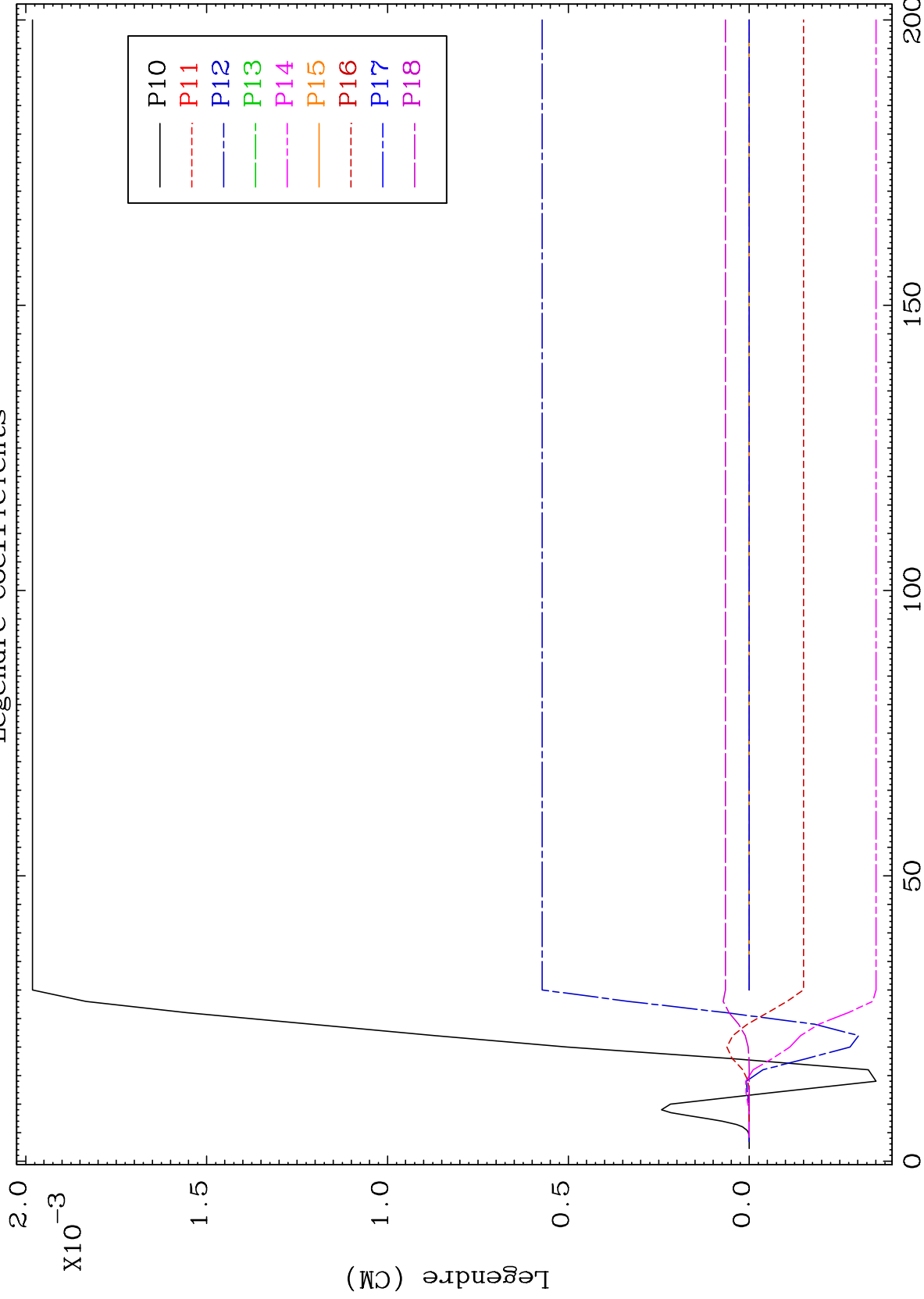


121 58-Ce-146

MAT 5855

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

58-Ce-146



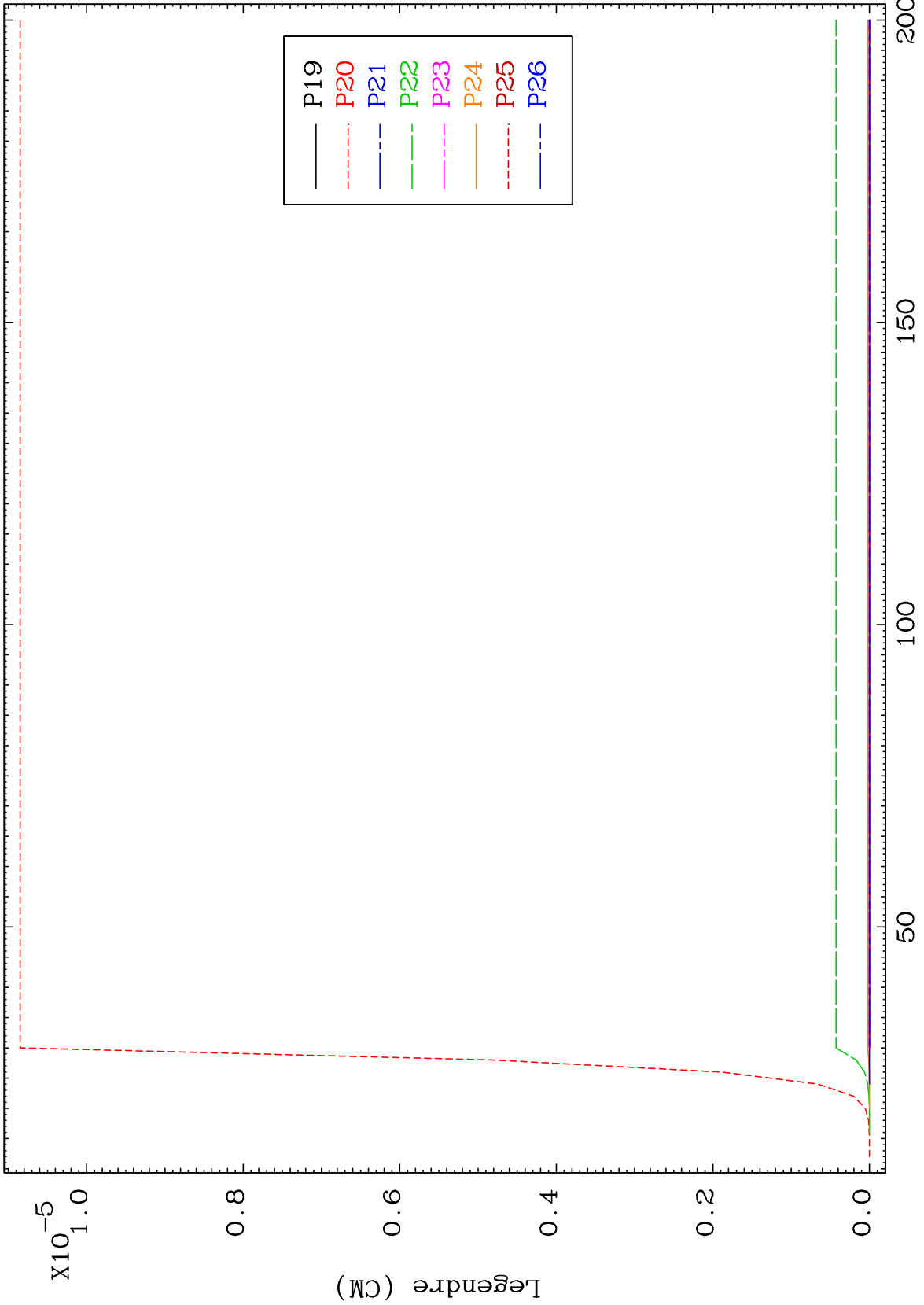
122

58-Ce-146

MAT 5855

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

58-Ce-146

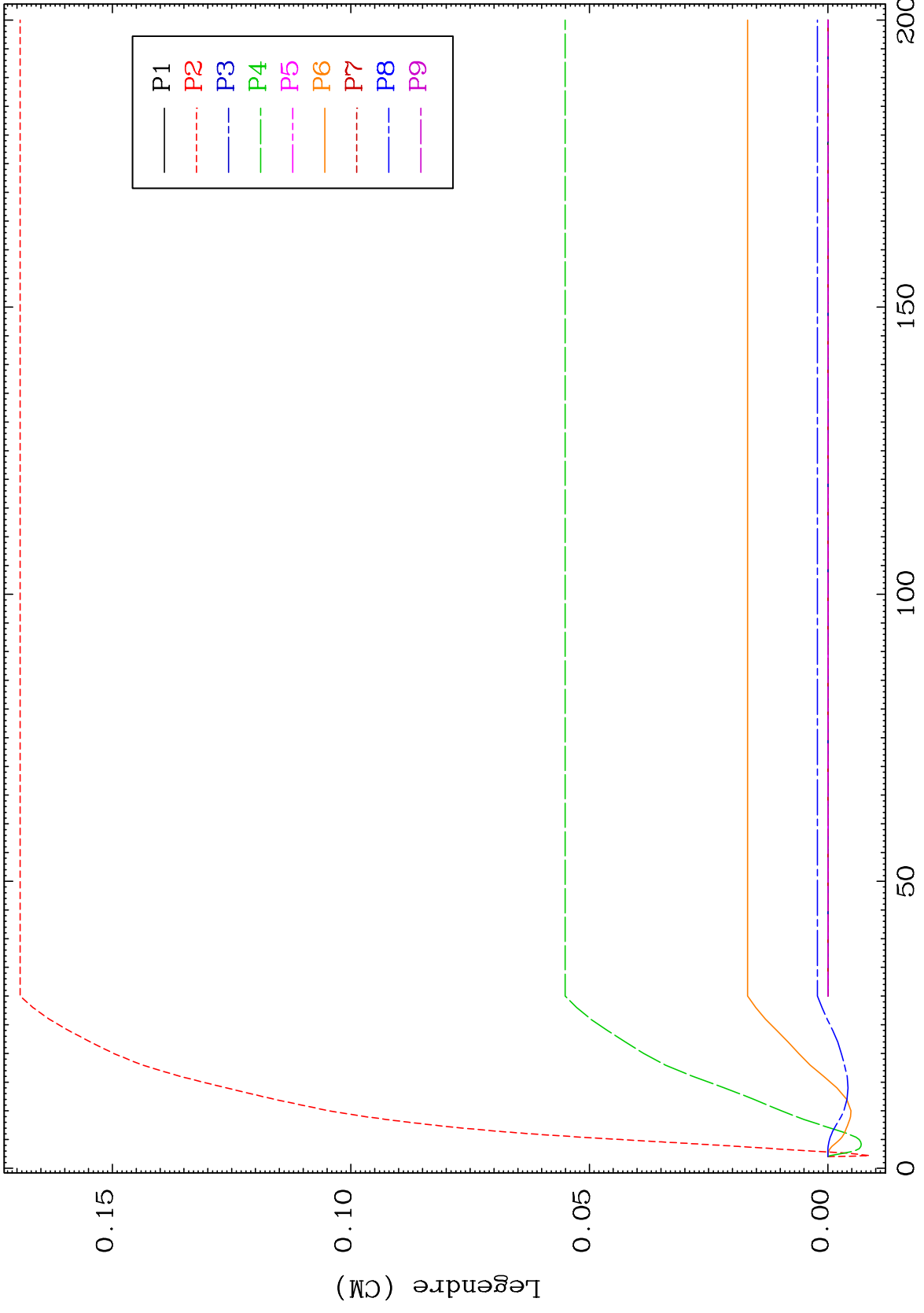


123

Incident Energy (MeV)

58-Ce-146

MAT 5855 MT= 79 (n,n') Level Legendre Coefficients 58-Ce-146

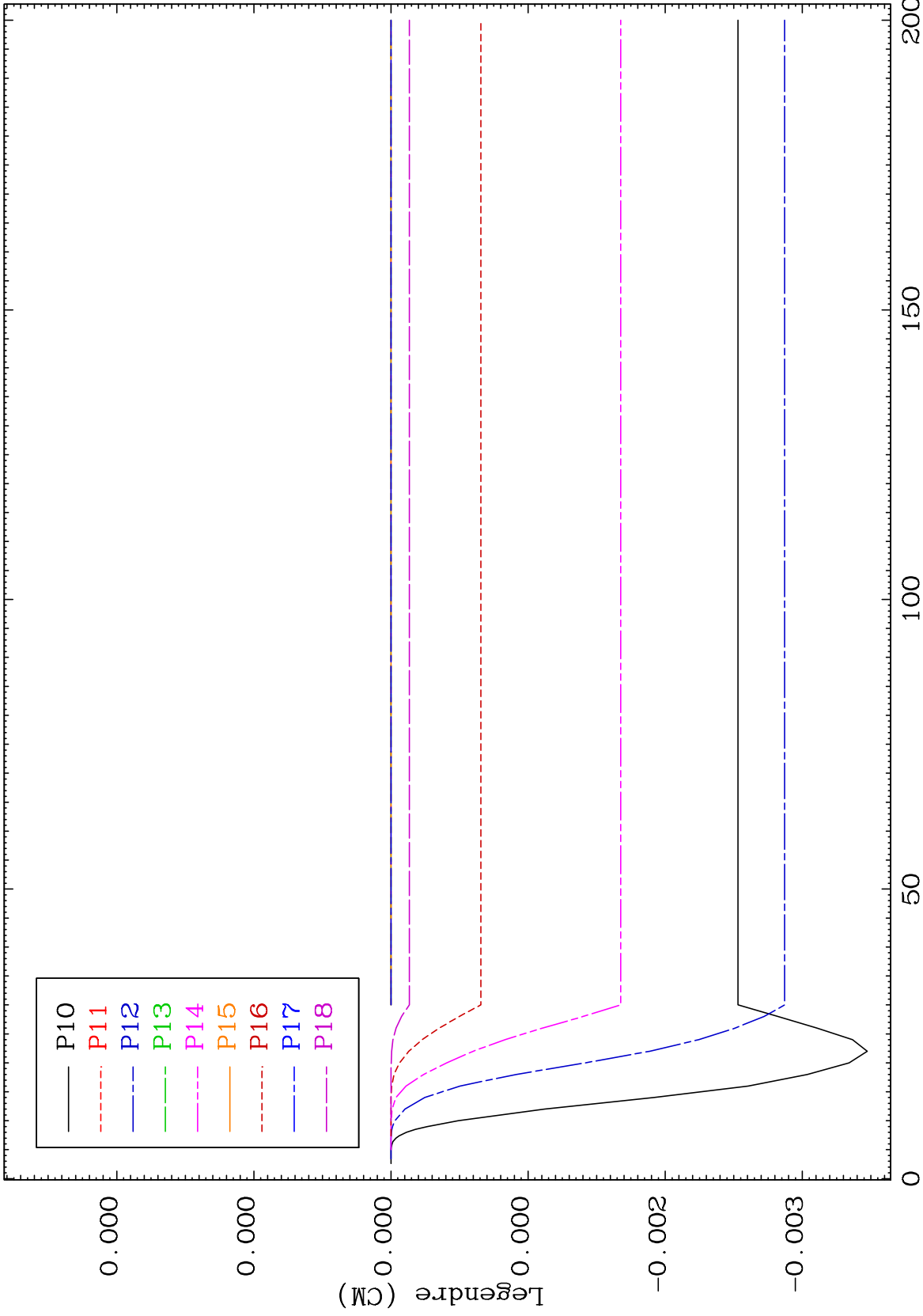


124 58-Ce-146

MAT 5855

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

58-Ce-146



125

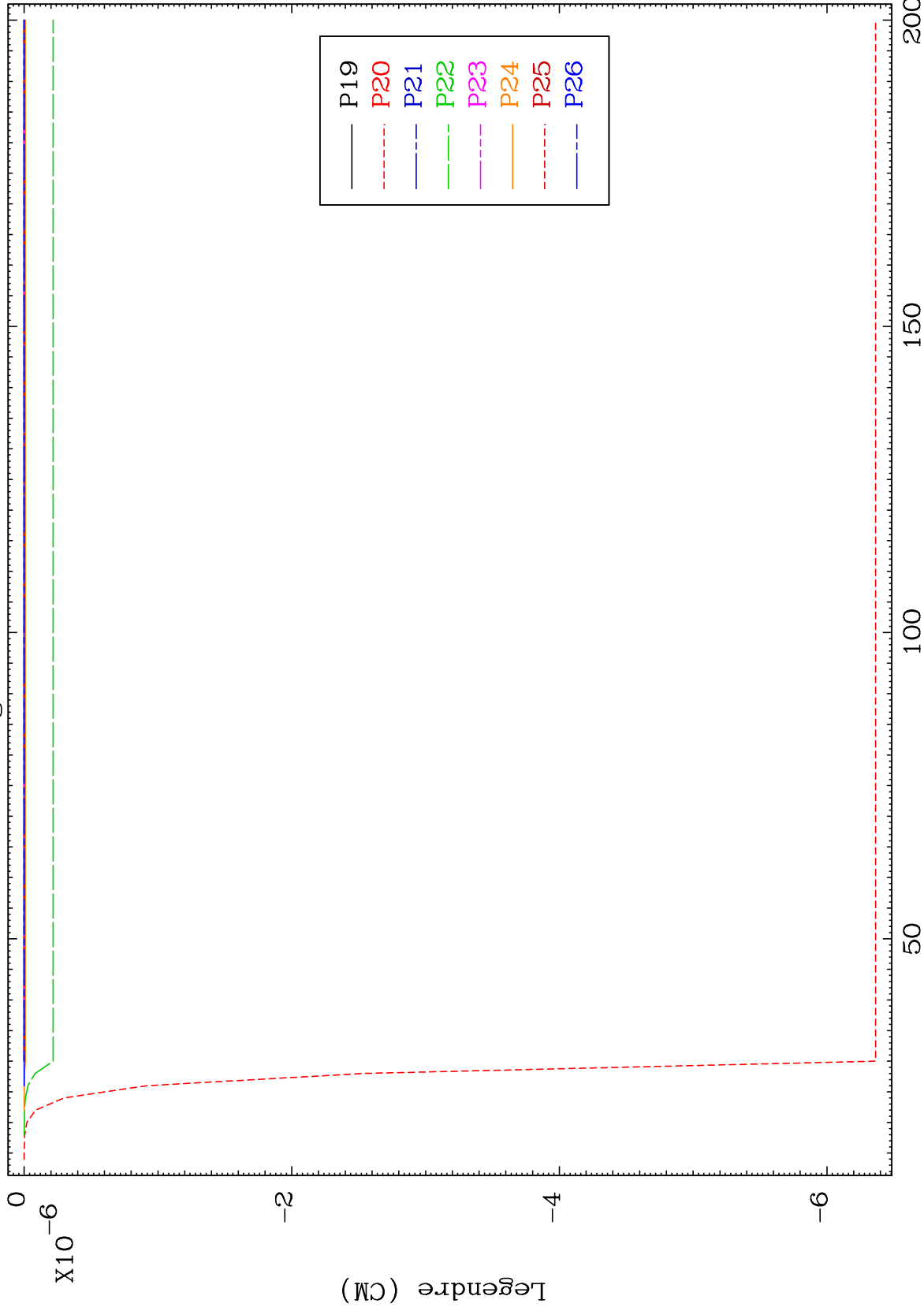
Incident Energy (MeV)

58-Ce-146

MAT 5855

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

58-Ce-146



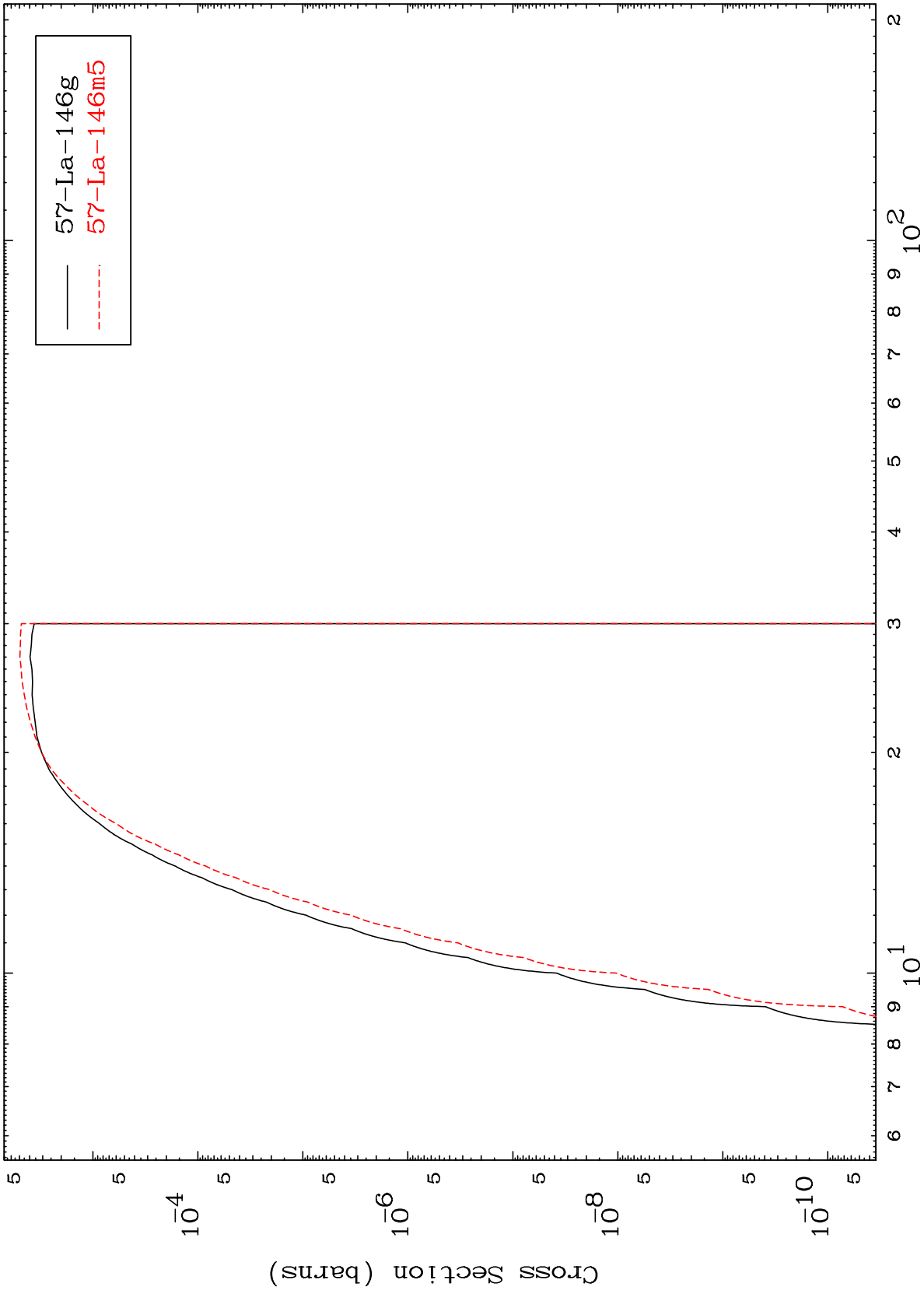
126

58-Ce-146

MAT 5855

58-Ce-146

(n,p)
Radionuclide Production Cross Section



127

Incident Energy (MeV)

58-Ce-146