

Program EVALPLOT
(Version 2018-1)

by

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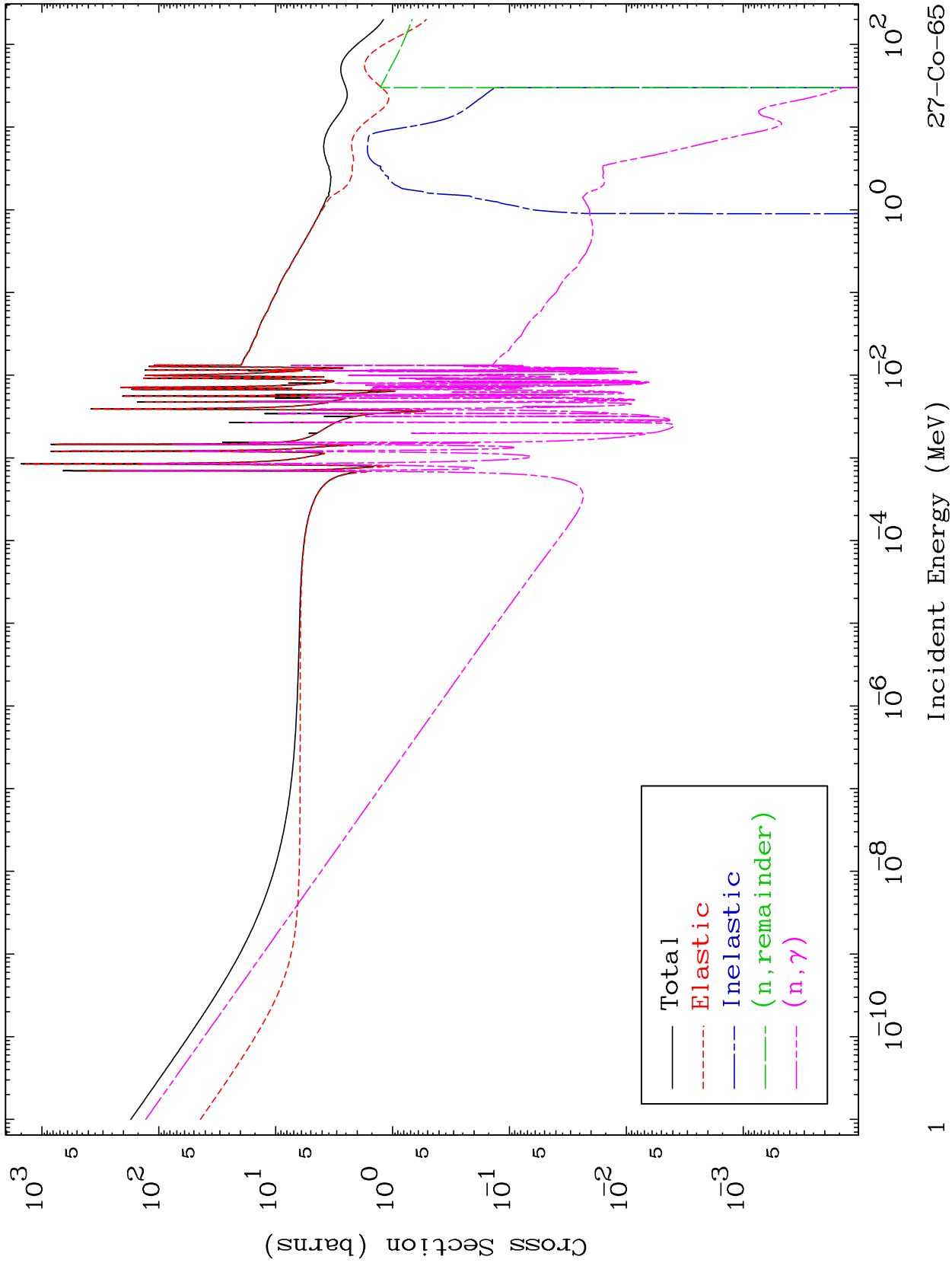
Press Mouse Button to Start

MAT 2743

Major

293 Kelvin Cross Sections

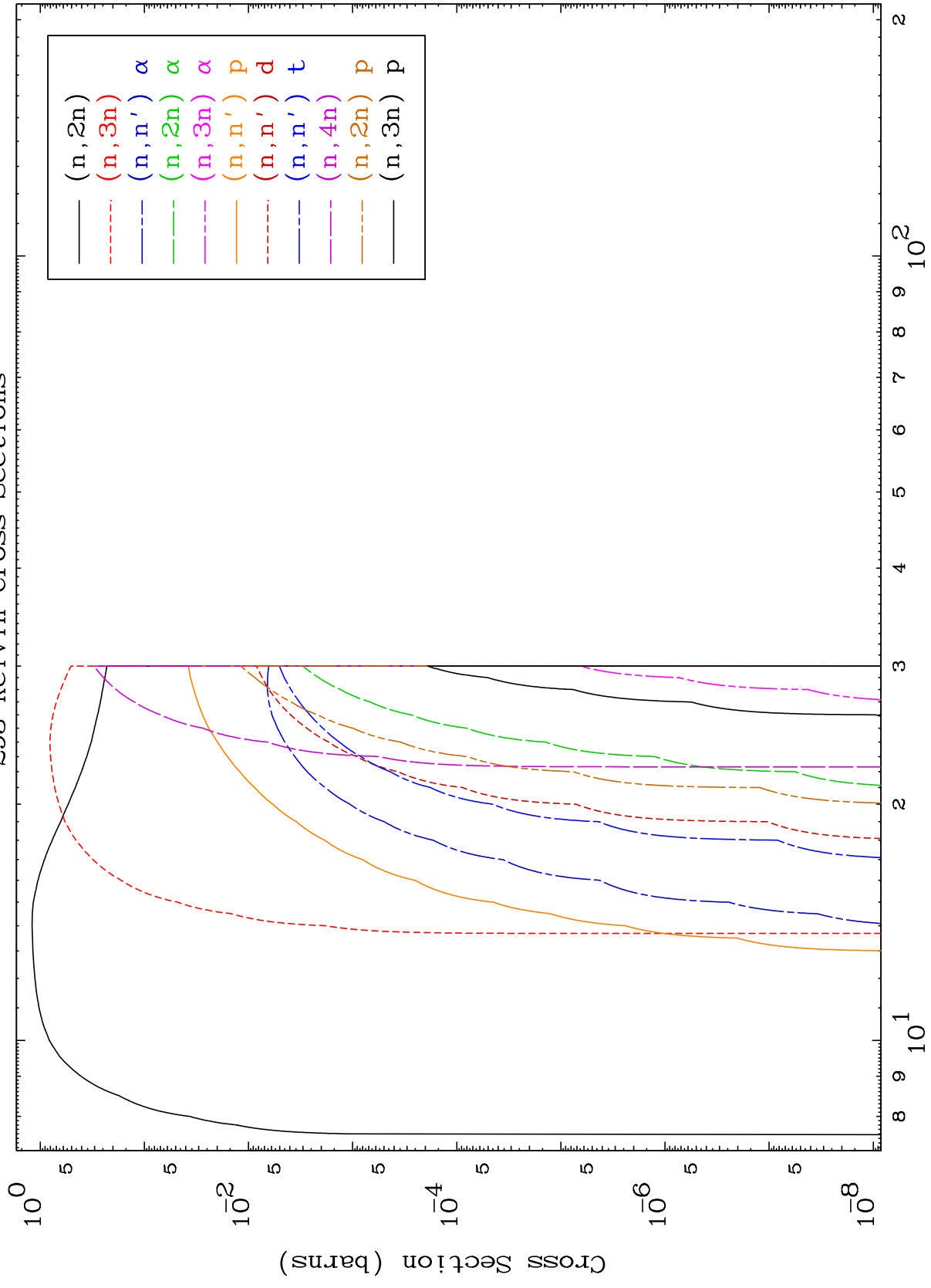
27-Co-65



MAT 2743

Neutron Production
293 Kelvin Cross Sections

27-Co-65



2

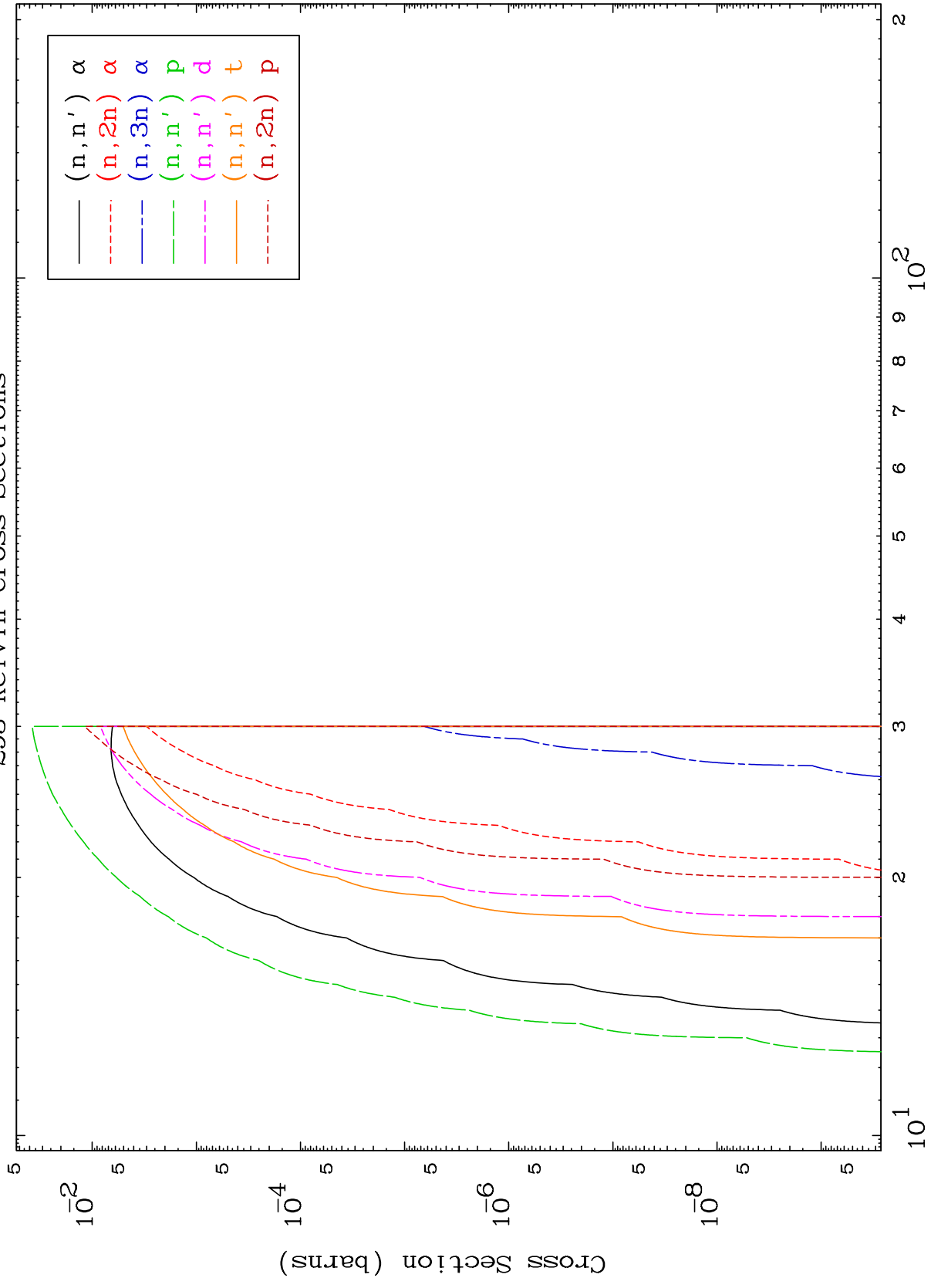
Incident Energy (MeV)

27-Co-65

MAT 2743

Charged Particle
293 Kelvin Cross Sections

27-Co-65



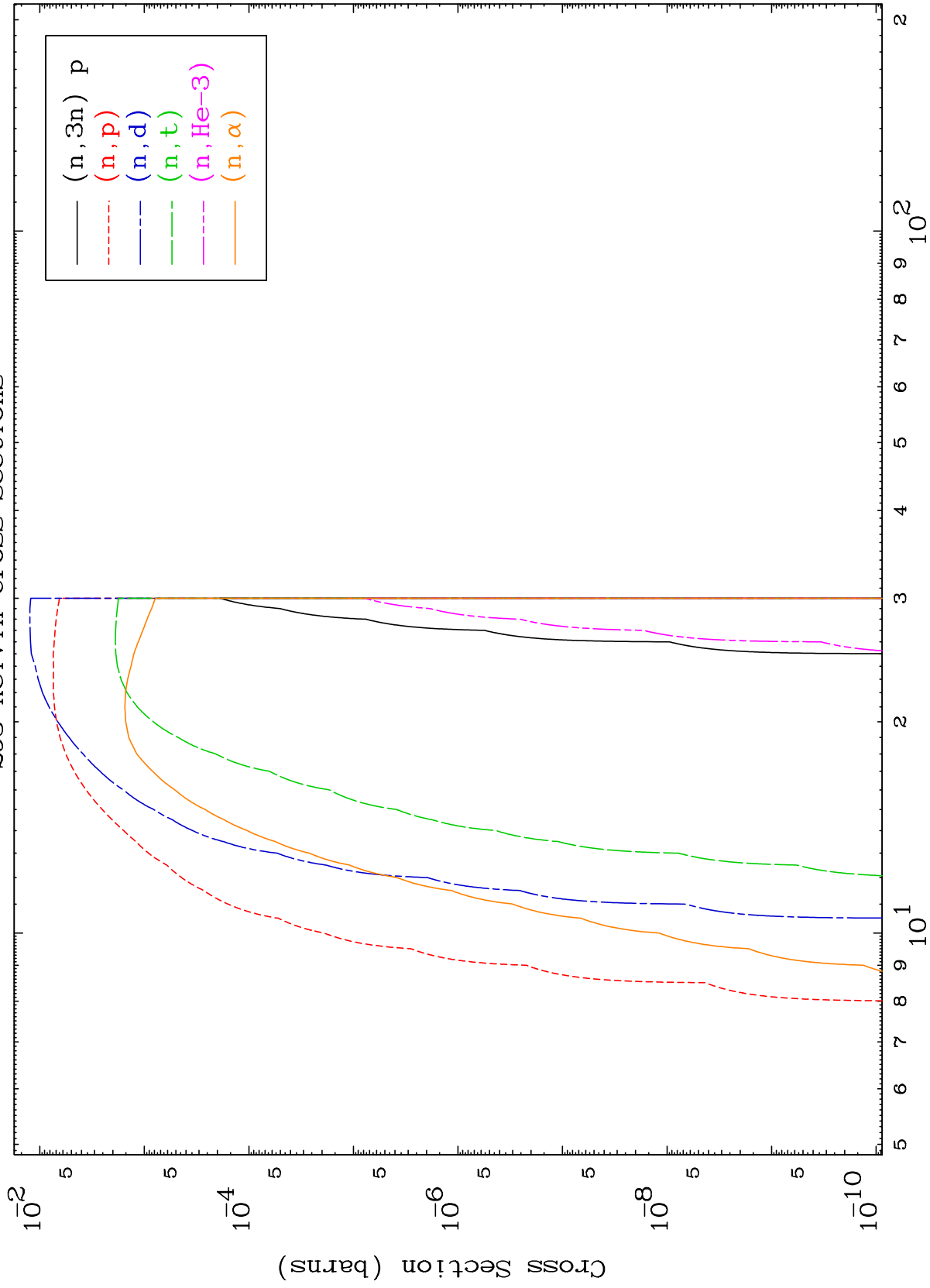
Incident Energy (MeV)

27-Co-65

MAT 2743

Charged Particle
293 Kelvin Cross Sections

27-Co-65



4

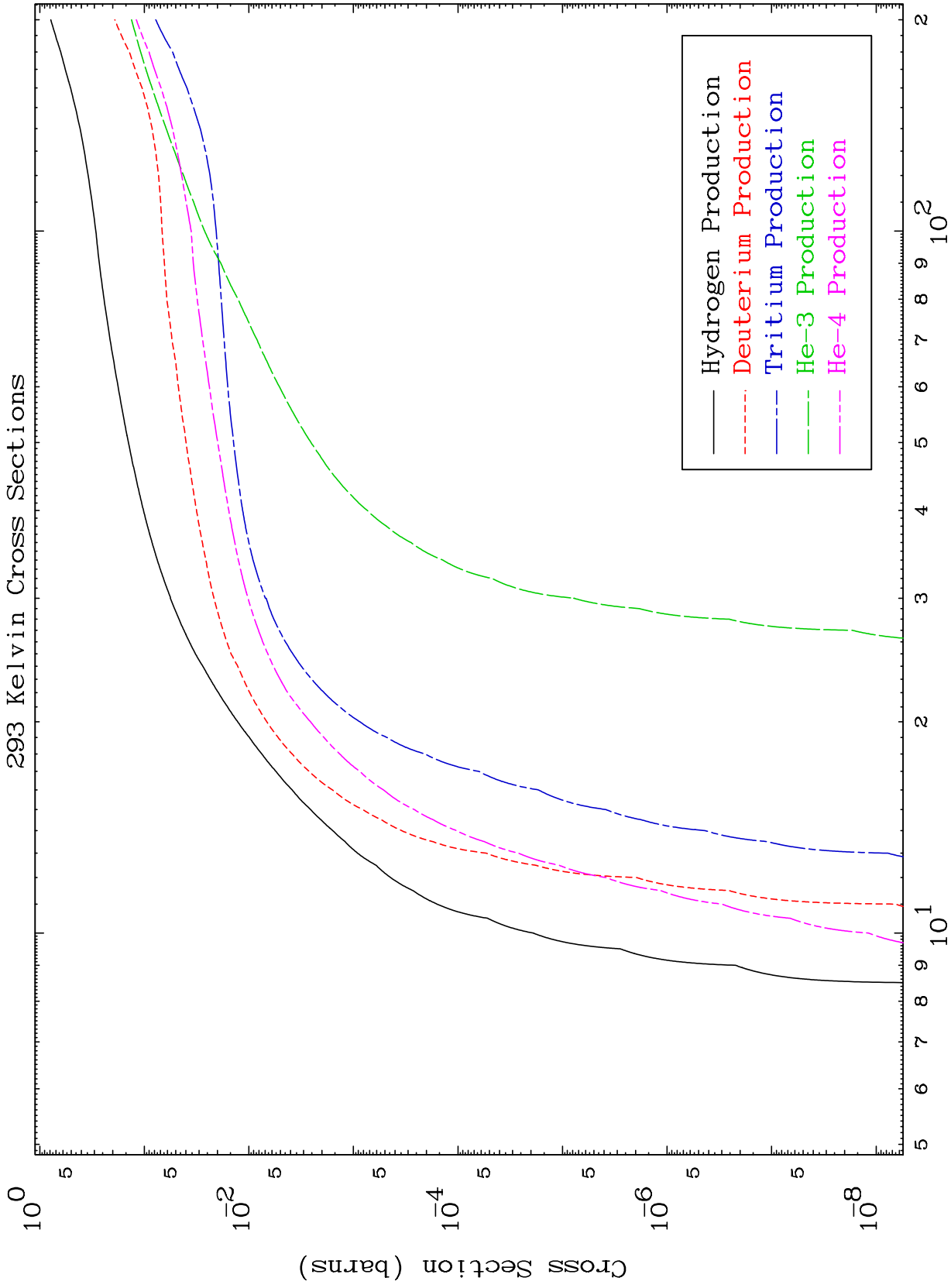
Incident Energy (MeV)

27-Co-65

MAT 2743

Particle Production
293 Kelvin Cross Sections

27-Co-65



5

Incident Energy (MeV)

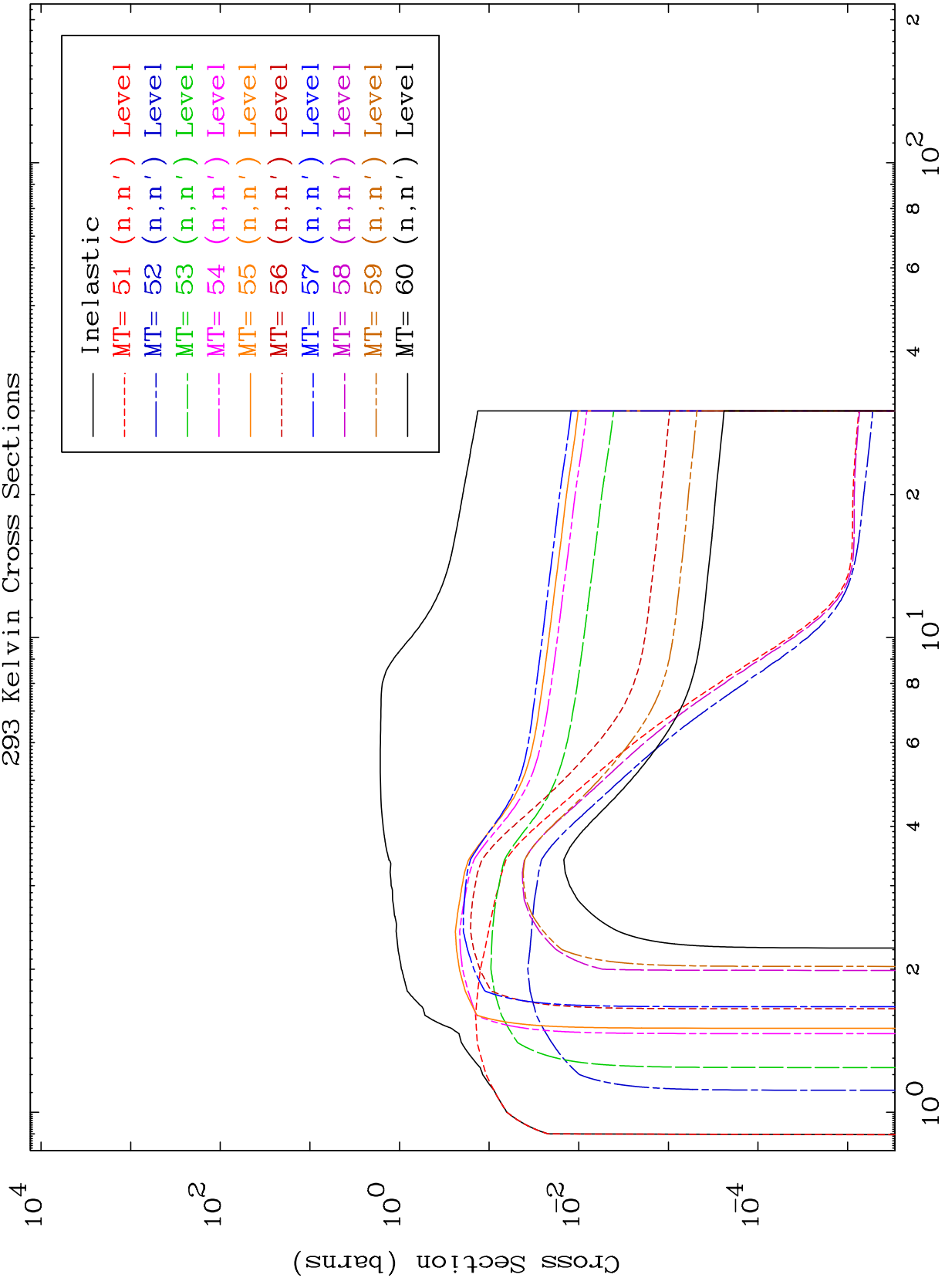
27-Co-65

MAT 2743

(n,n') Level

27-Co-65

293 Kelvin Cross Sections



Incident Energy (MeV)

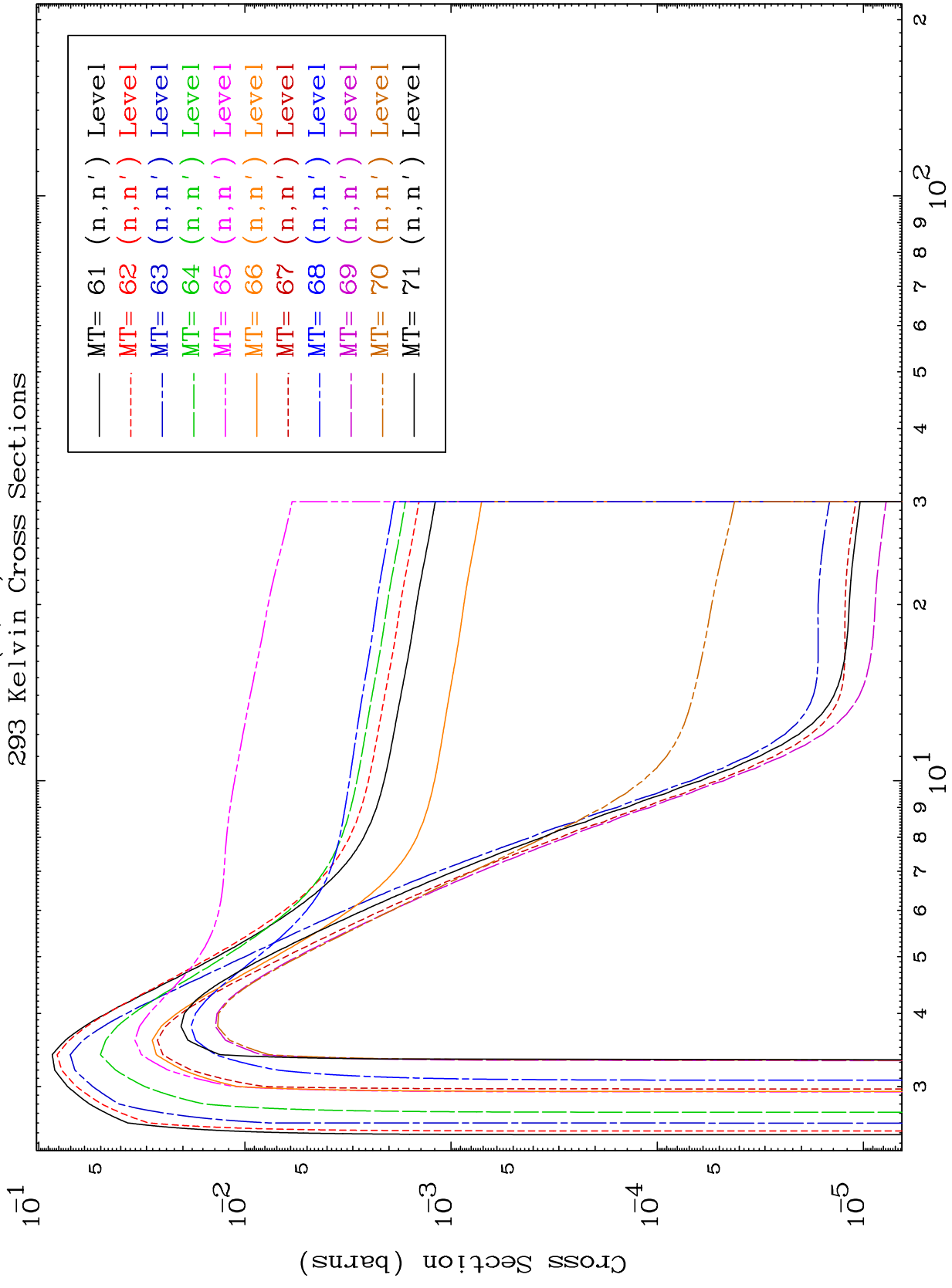
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MAT 2743

(n,n') Level

293 Kelvin Cross Sections

27-Co-65



27-Co-65

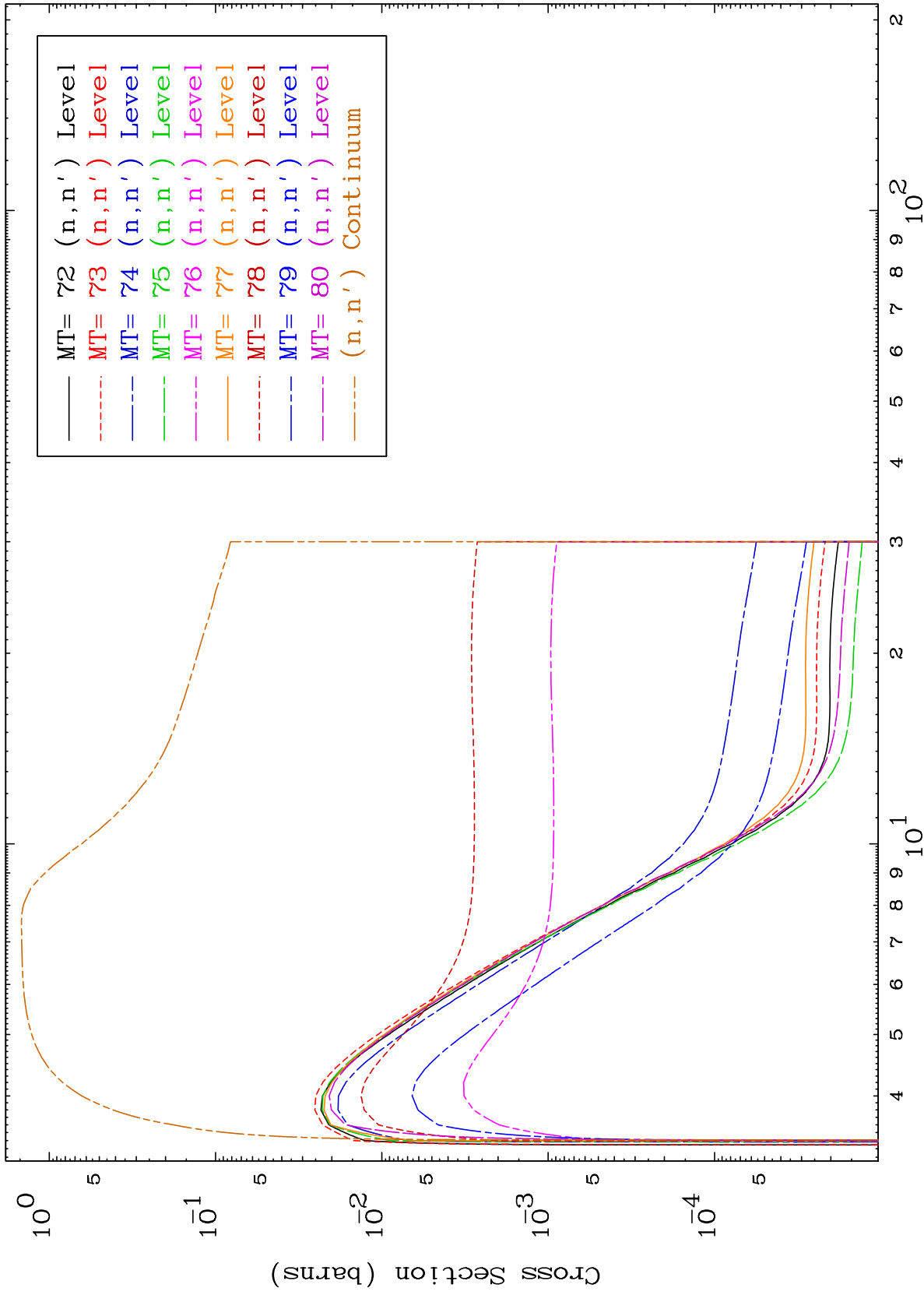
Incident Energy (MeV)

7

MAT 2743

(n,n') Level
293 Kelvin Cross Sections

27-Co-65



8

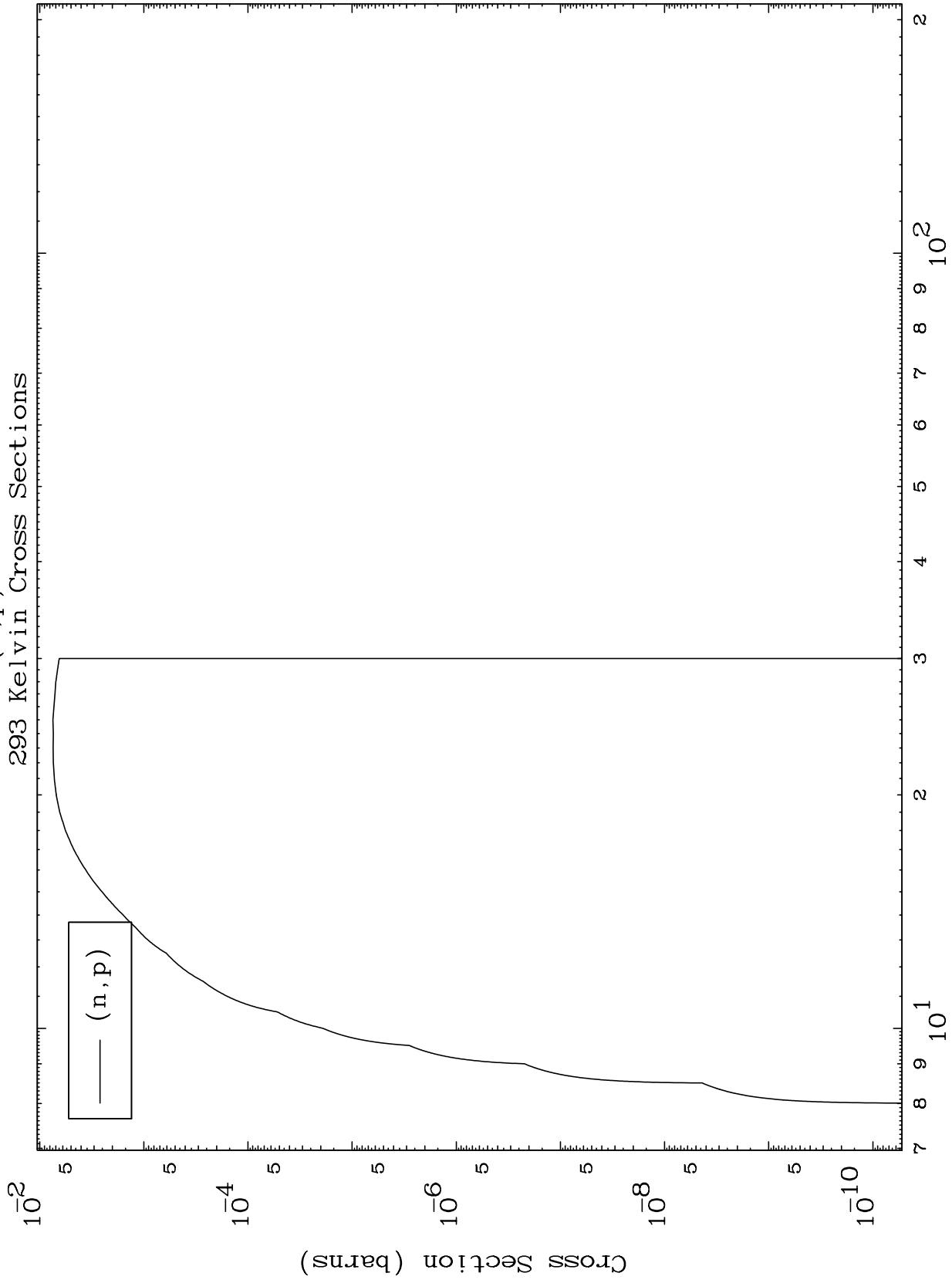
Incident Energy (MeV)

27-Co-65

MAT 2743

(n,p) Levels
293 Kelvin Cross Sections

27-Co-65



9

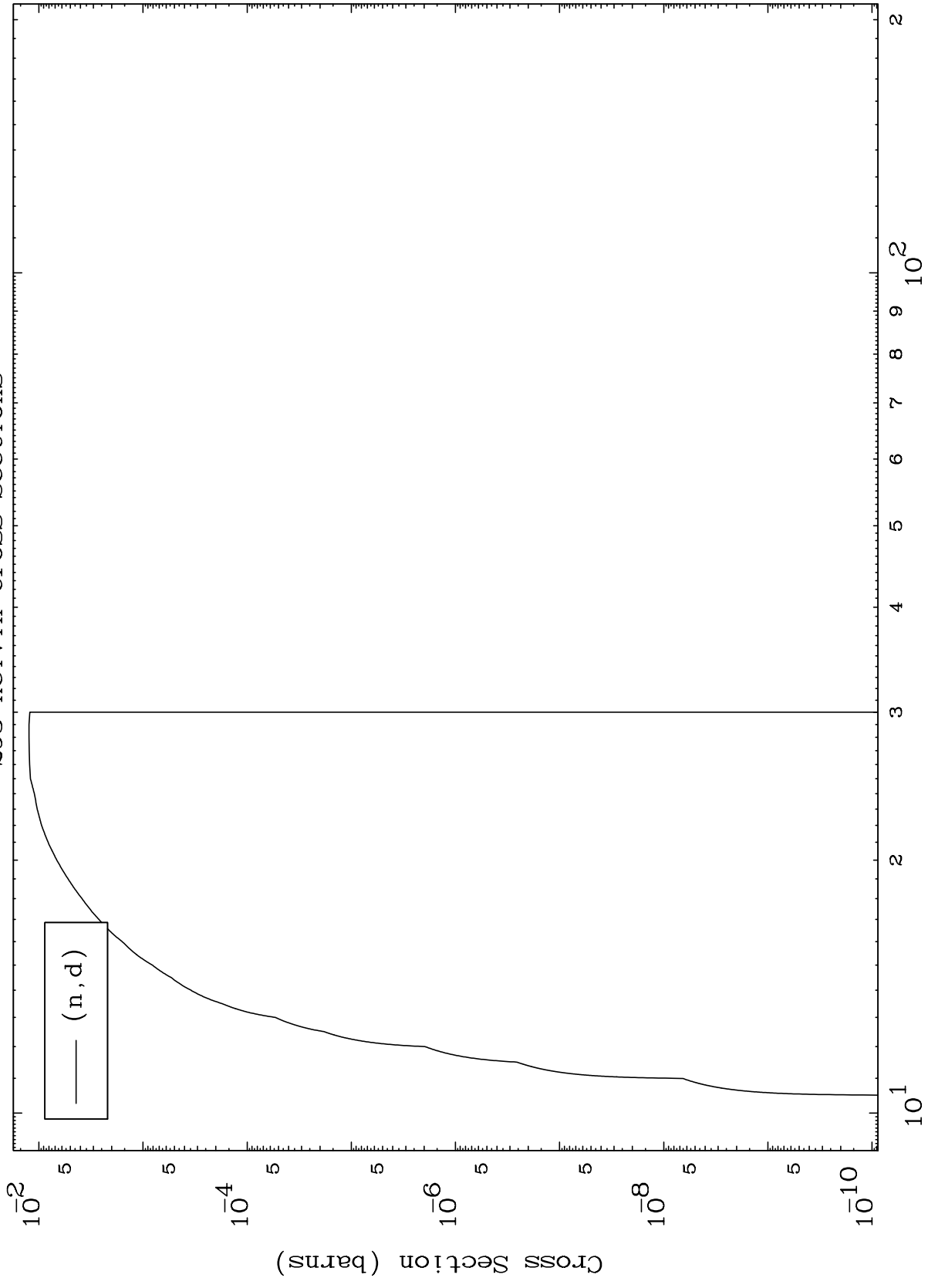
Incident Energy (MeV)

27-Co-65

MAT 2743

(n,d) Levels
293 Kelvin Cross Sections

27-Co-65



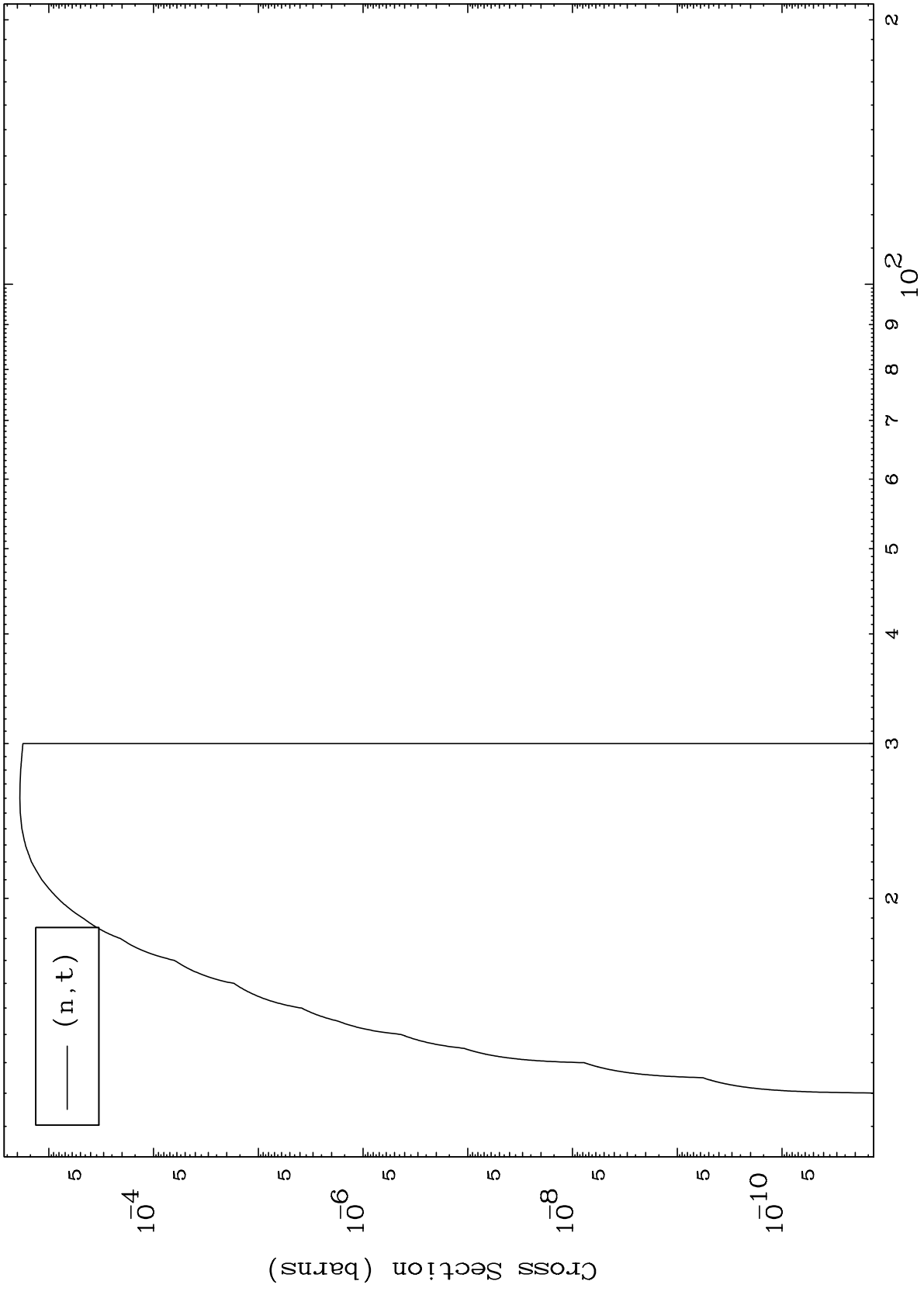
Incident Energy (MeV)

27-Co-65

MAT 2743

(n,t) Levels
293 Kelvin Cross Sections

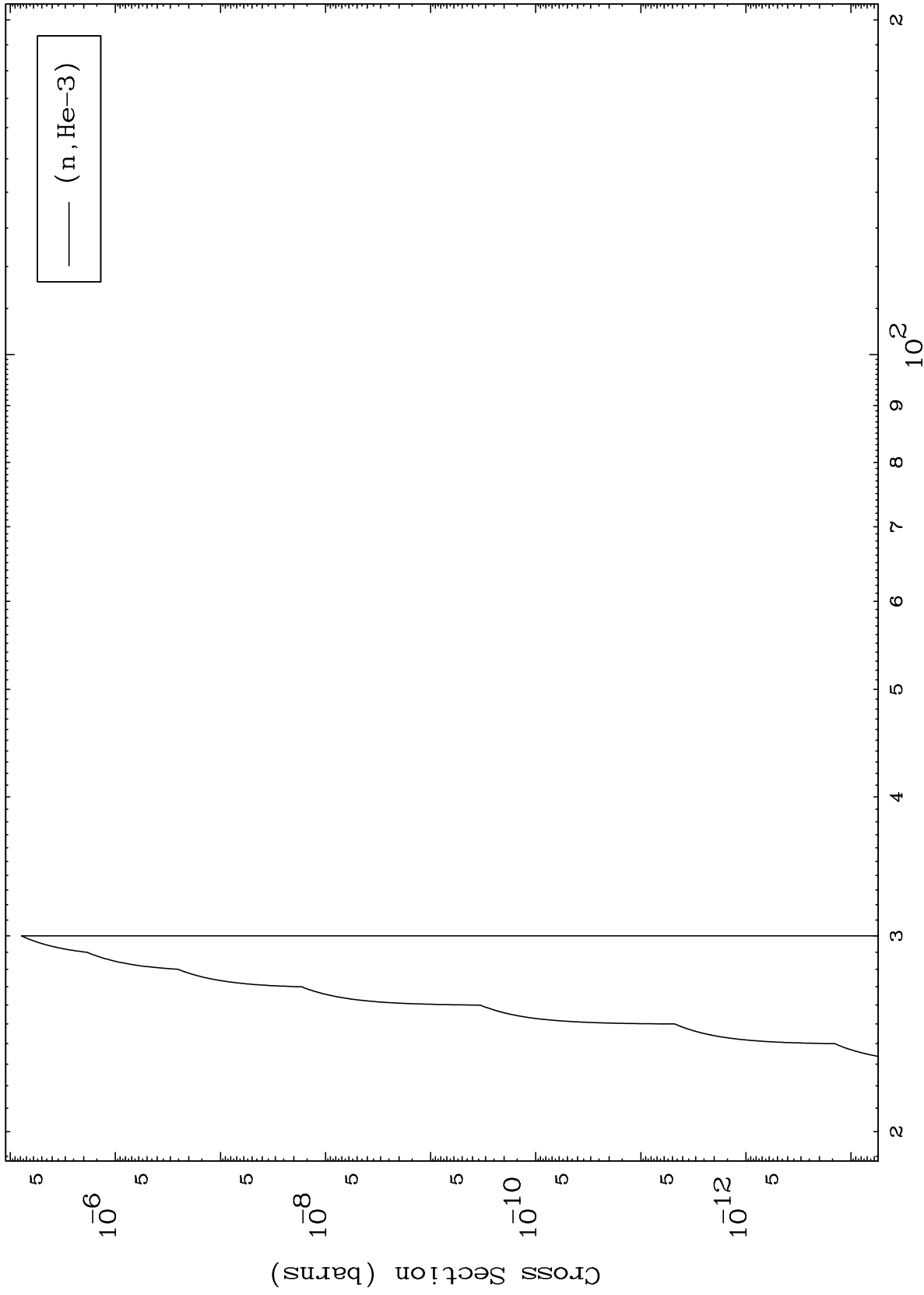
27-Co-65



MAT 2743

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-65



12

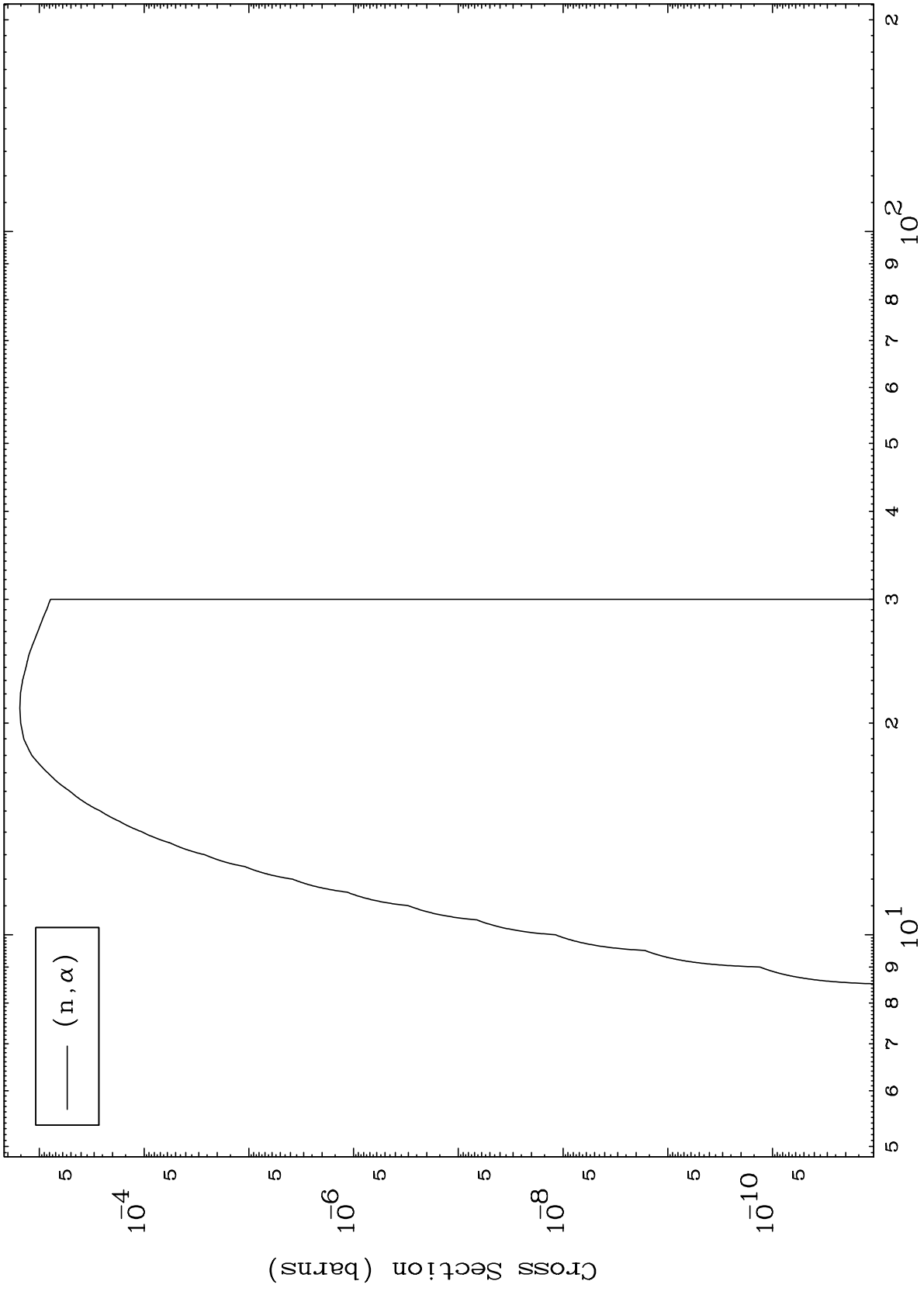
Incident Energy (MeV)

27-Co-65

MAT 2743

(n,α) Levels
293 Kelvin Cross Sections

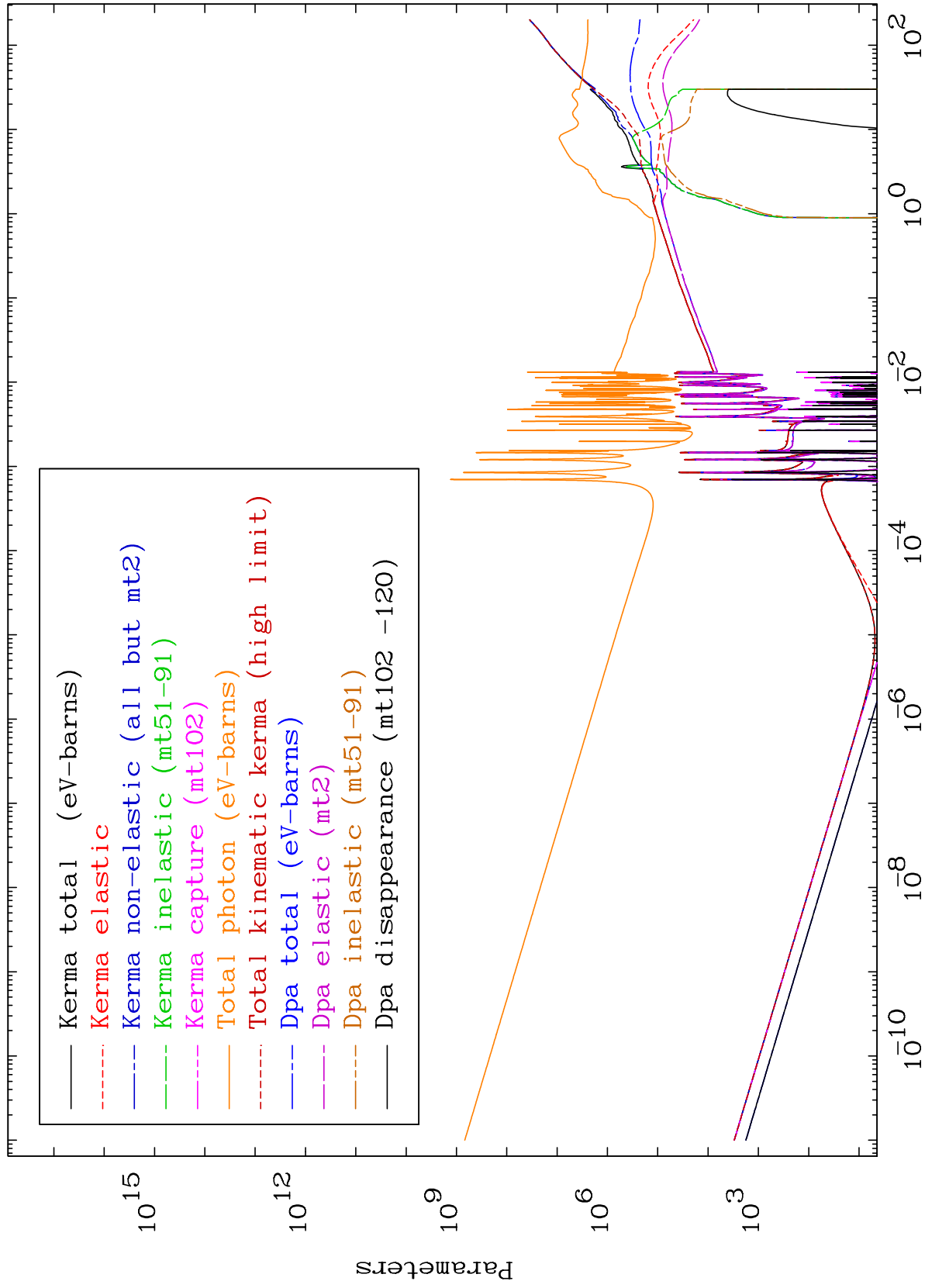
27-Co-65



13

Incident Energy (MeV)

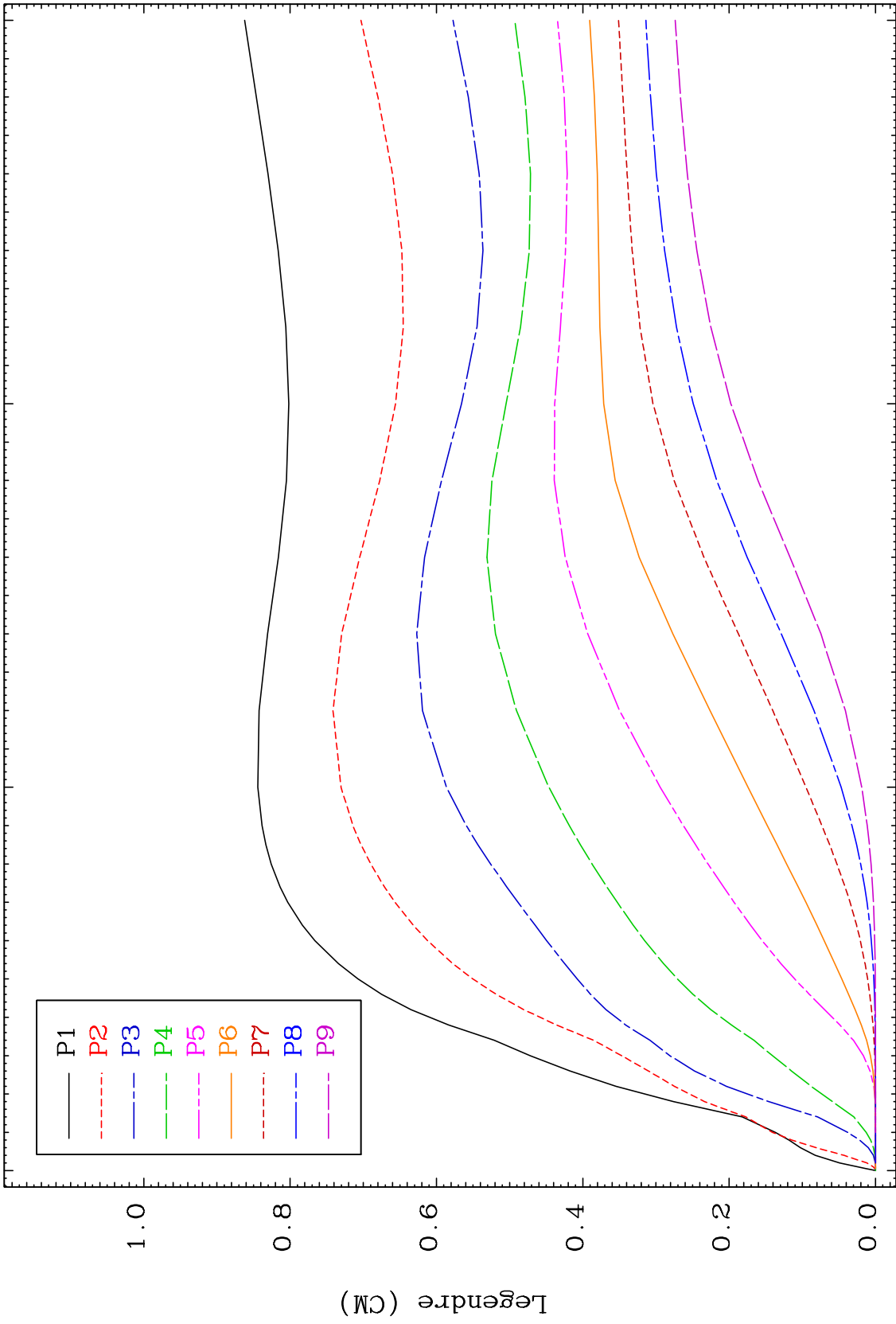
27-Co-65



MAT 2743

Elastic Legendre Coefficients

27-Co-65



15

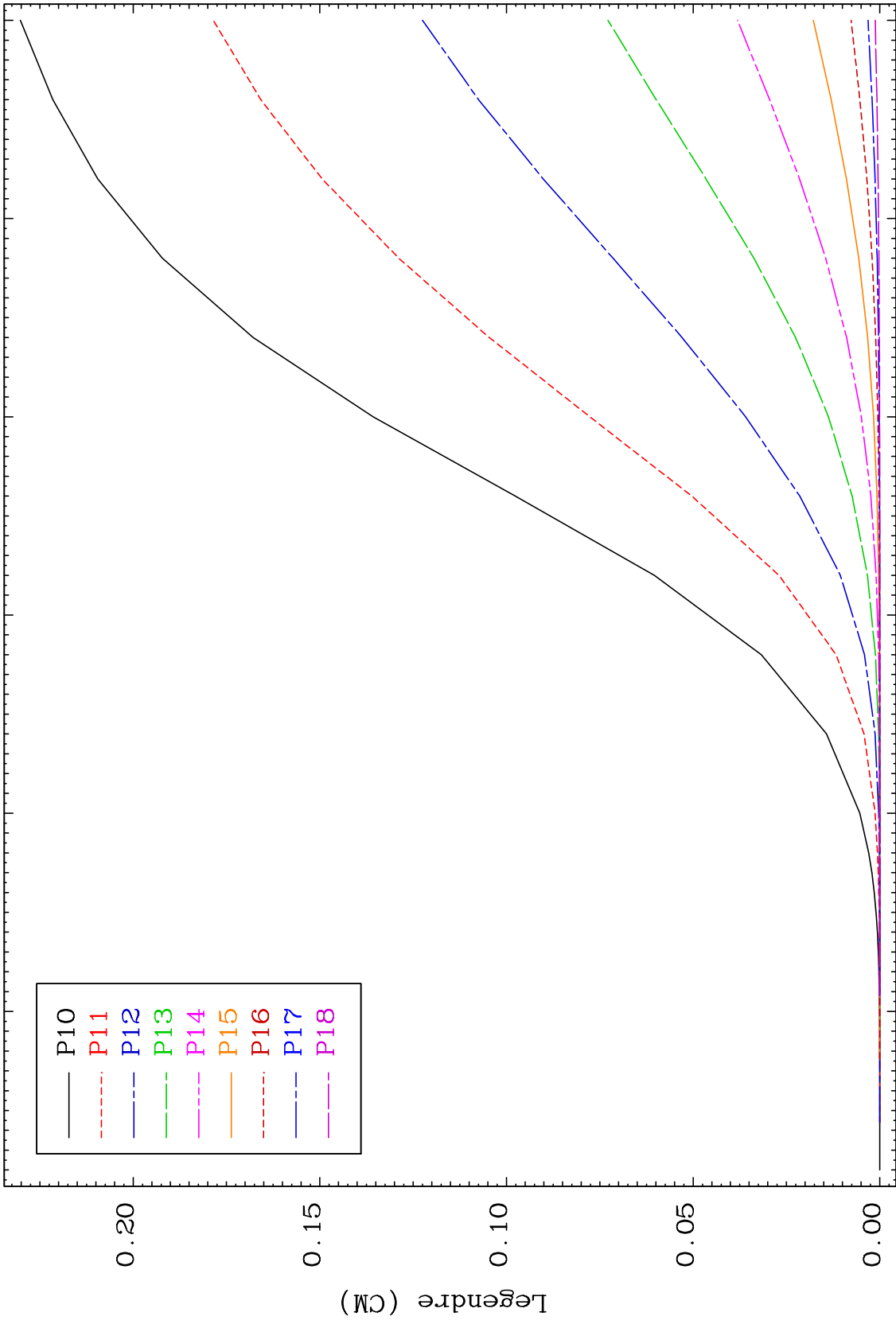
Incident Energy (MeV)

27-Co-65

MAT 2743

Elastic Legendre Coefficients

27-Co-65



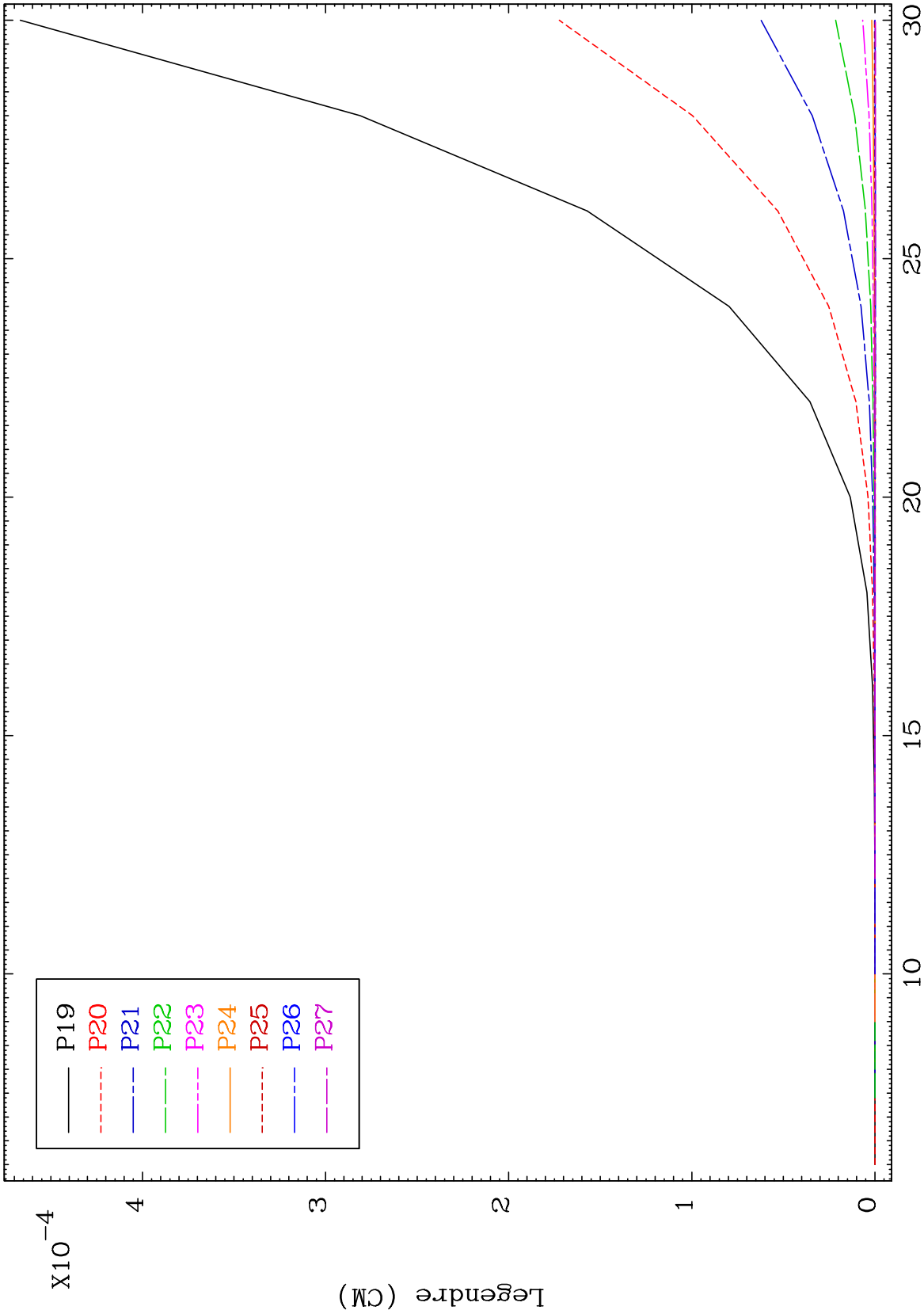
16

27-Co-65

MAT 2743

Elastic Legendre Coefficients

27-Co-65



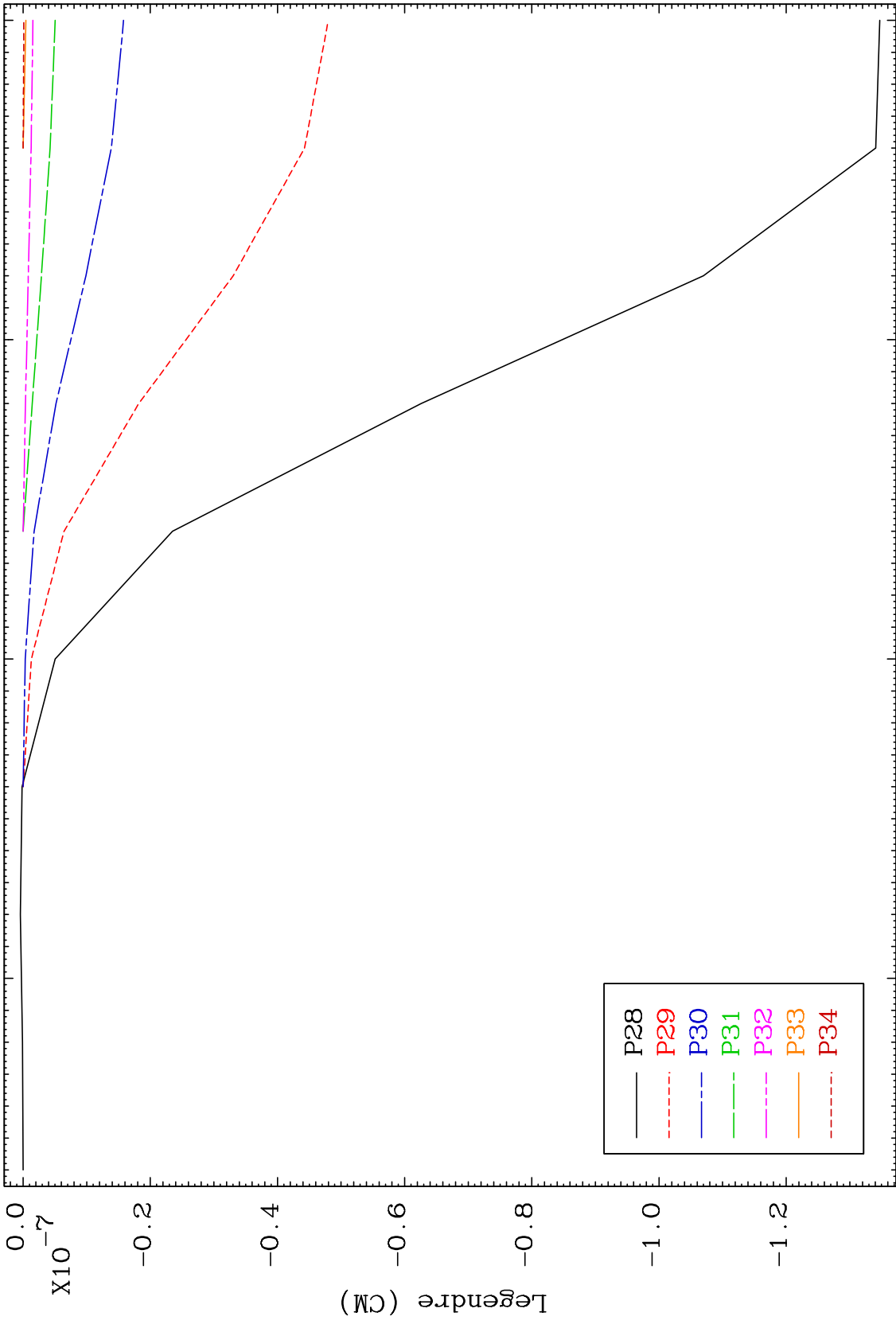
17

27-Co-65

MAT 2743

27-Co-65

Elastic Legendre Coefficients



18

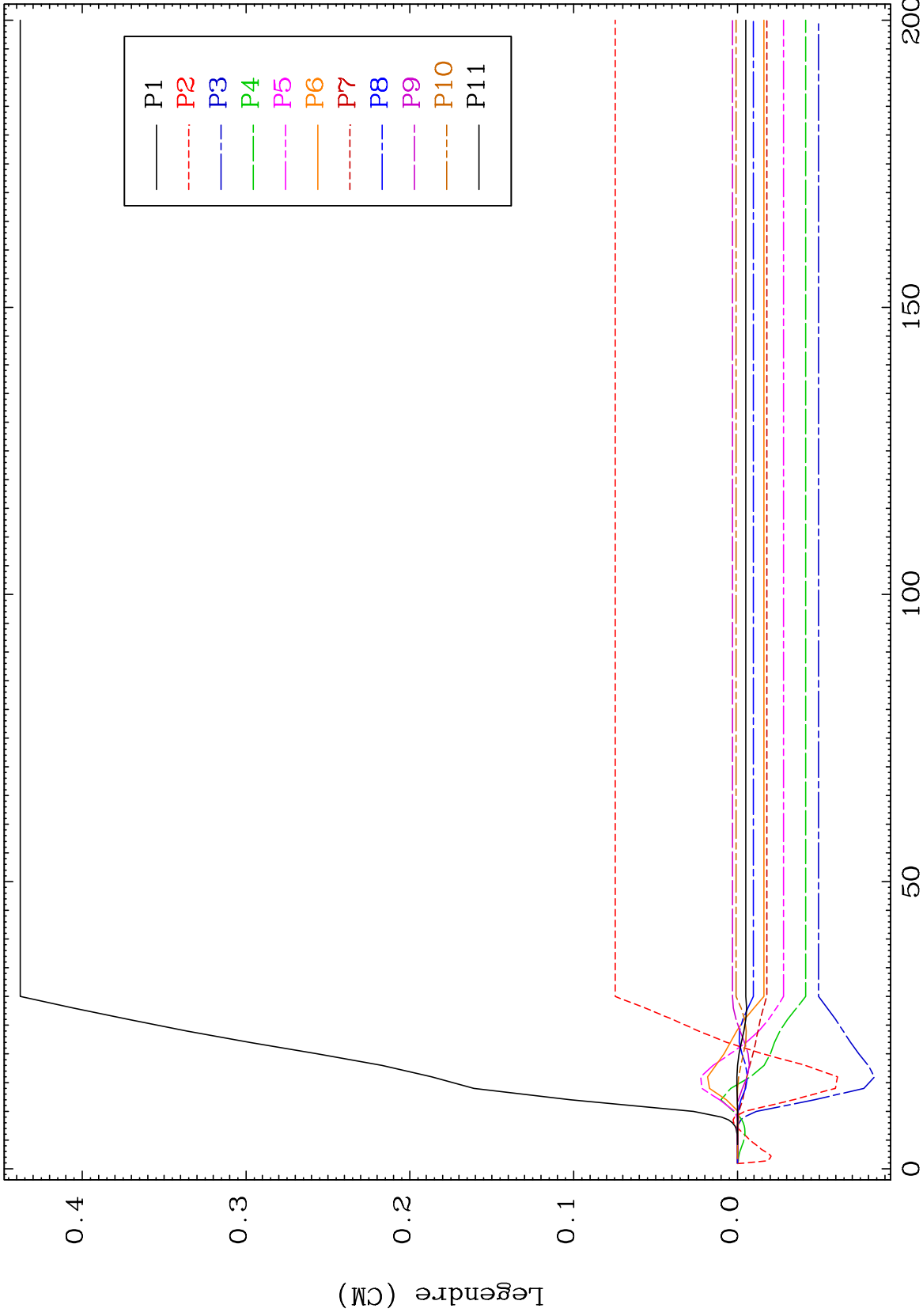
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



19

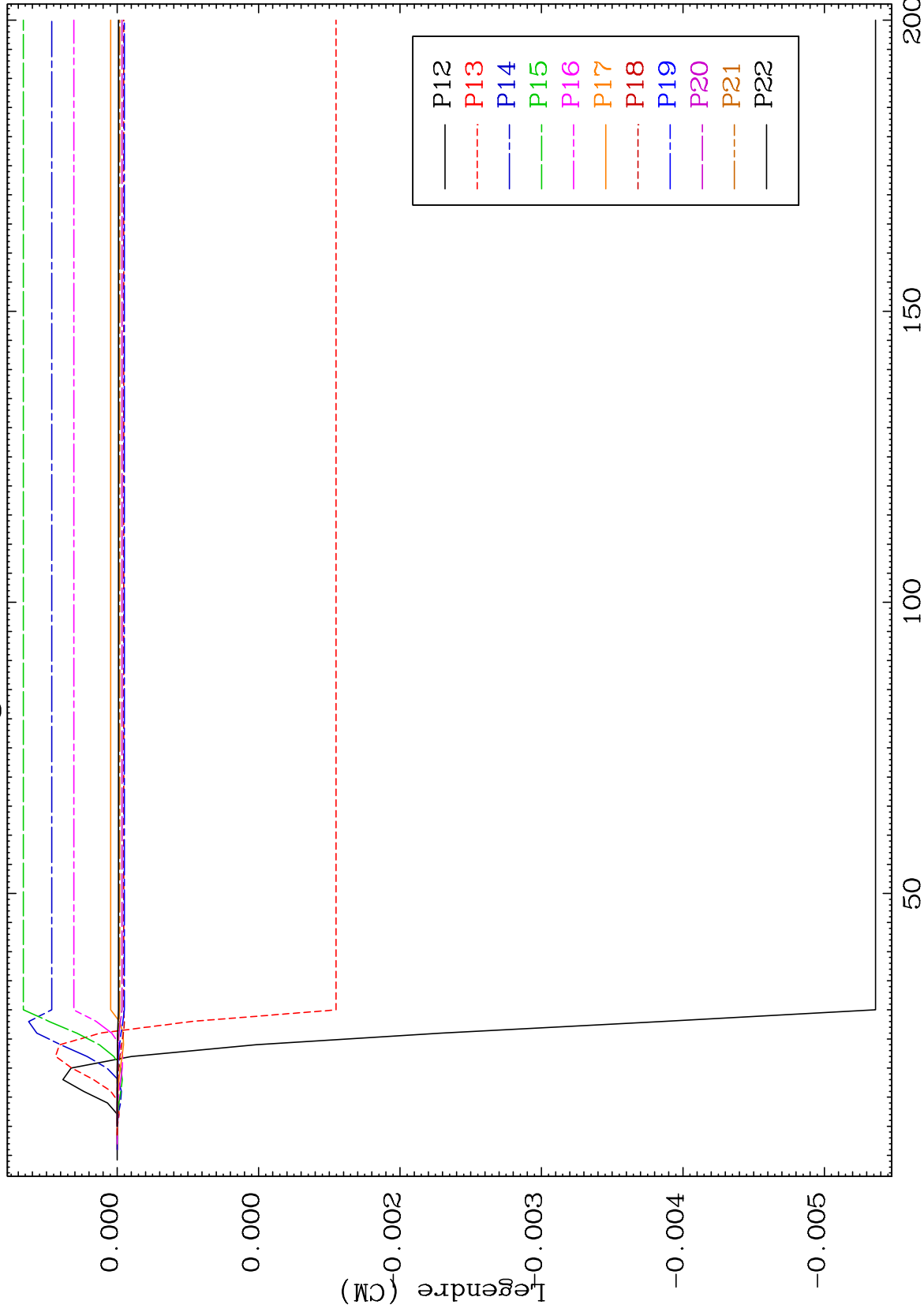
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



20

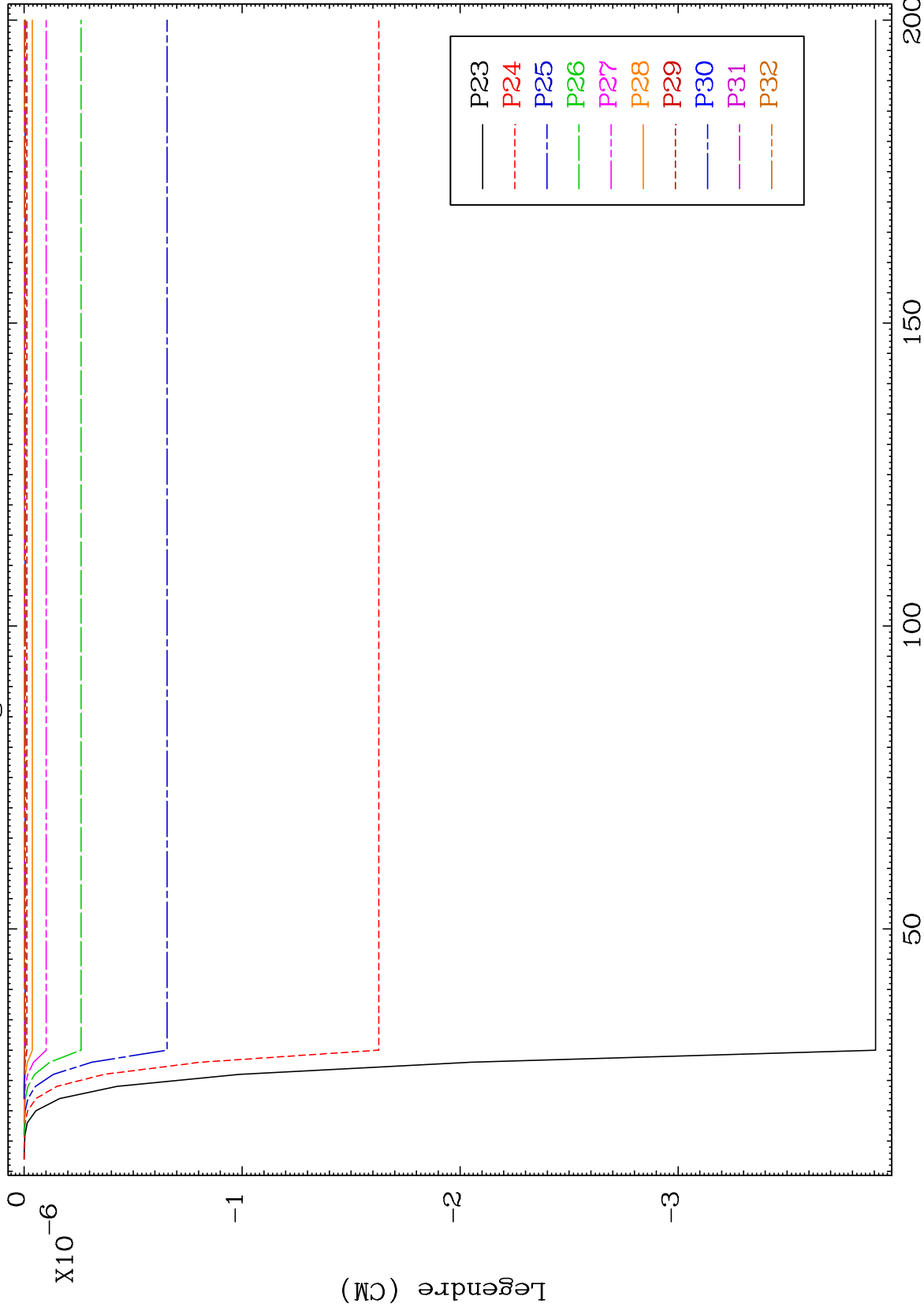
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



27-Co-65

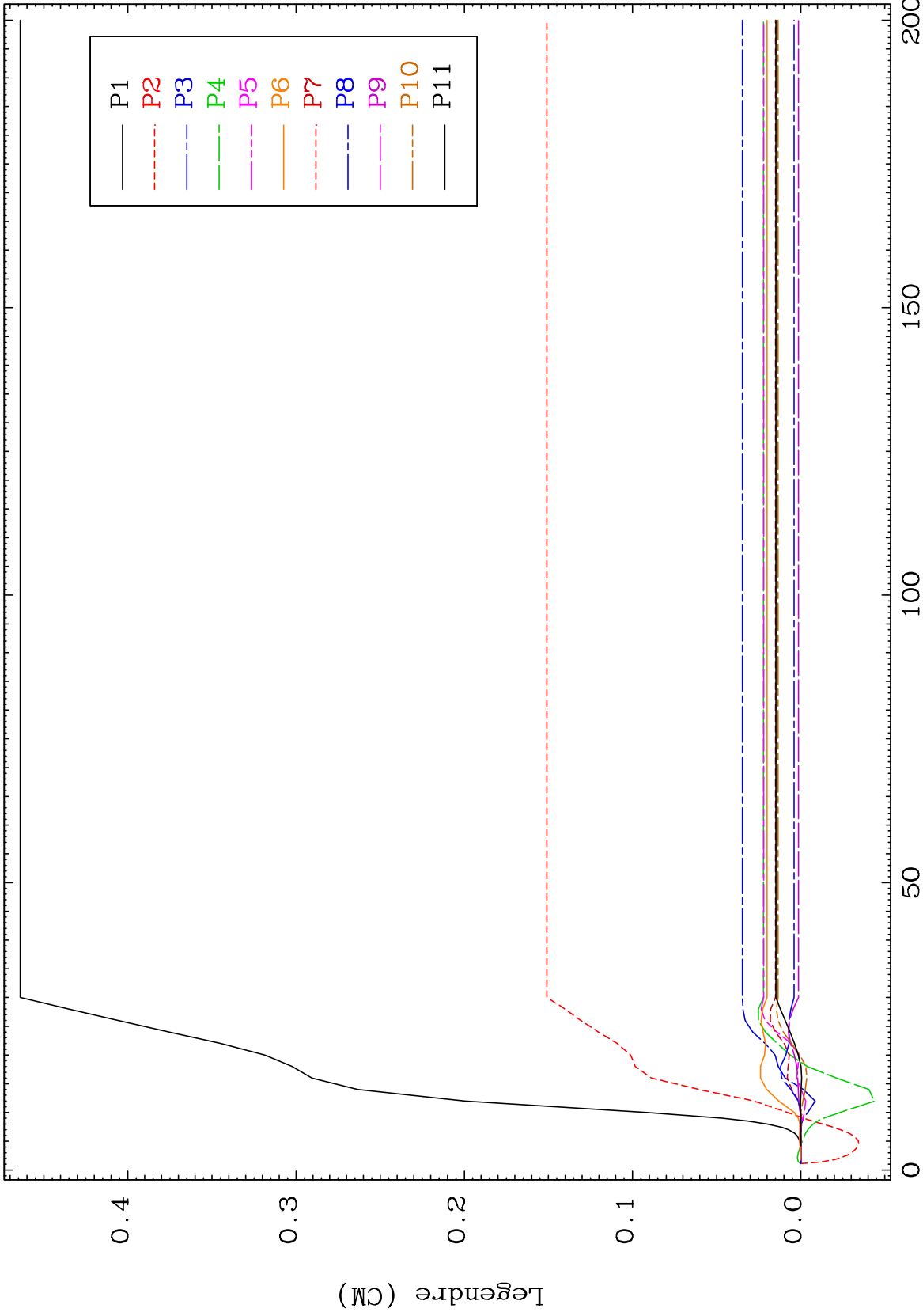
Incident Energy (MeV)

21

MAT 2743

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

27-Co-65



22

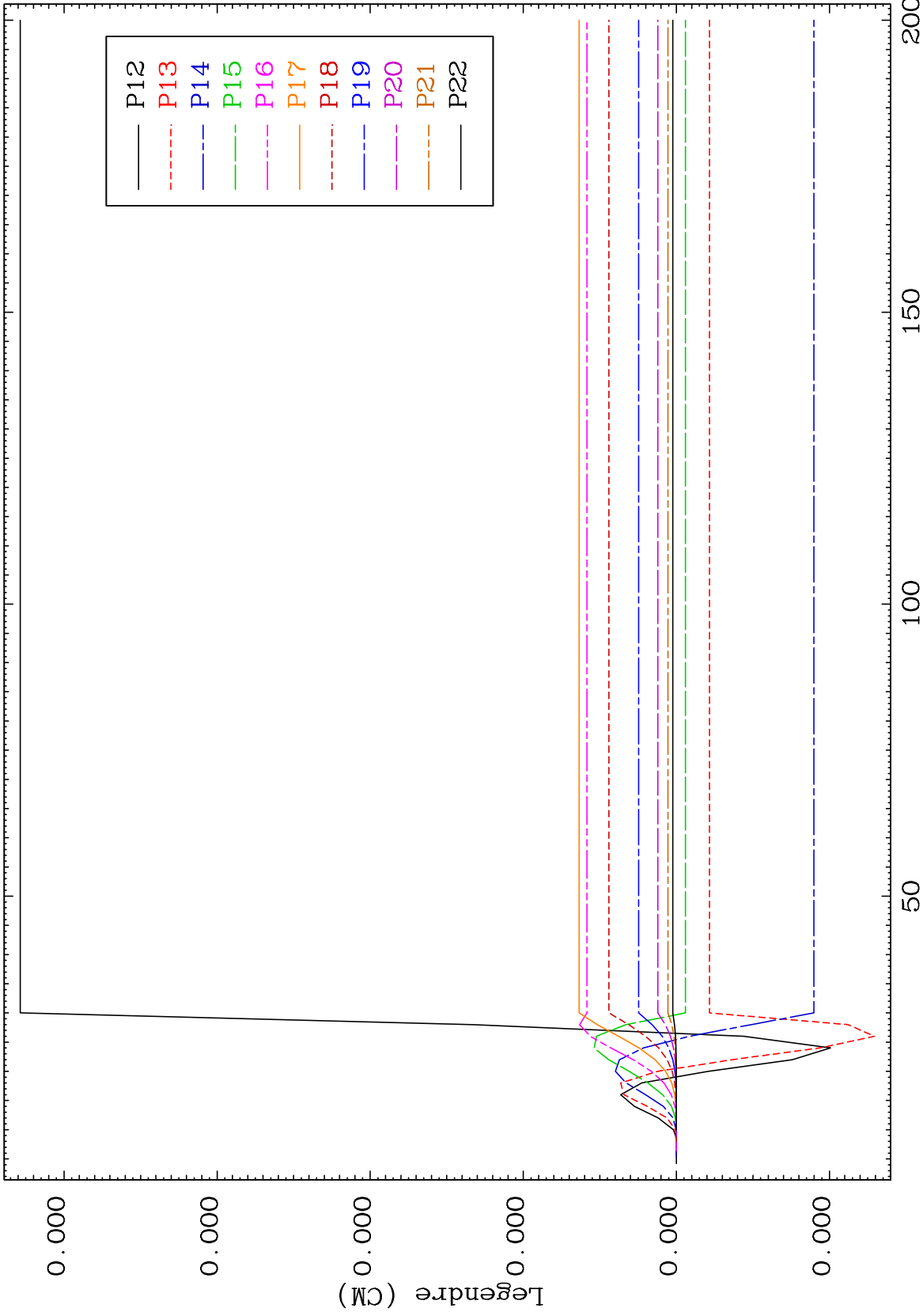
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



23

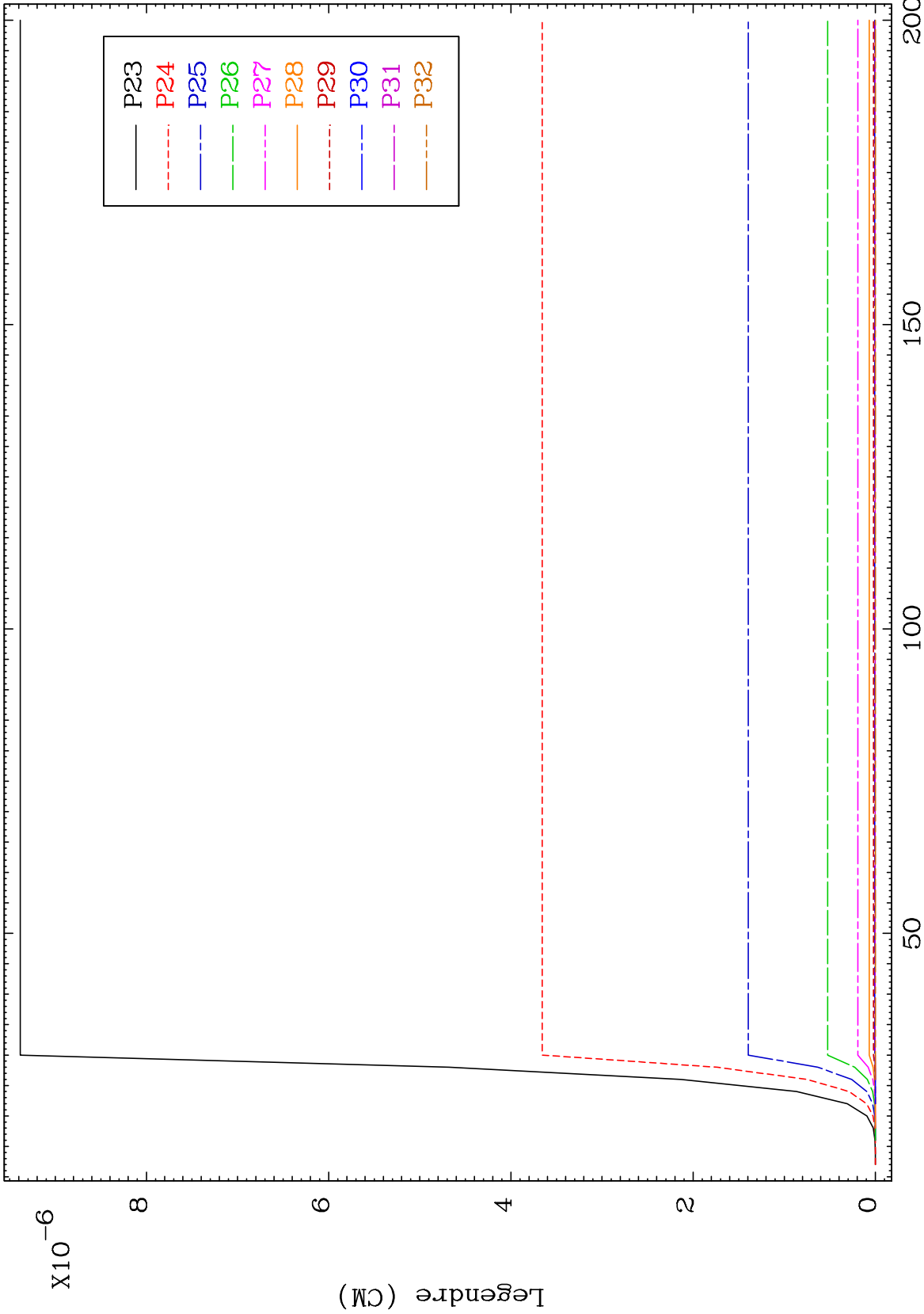
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



24

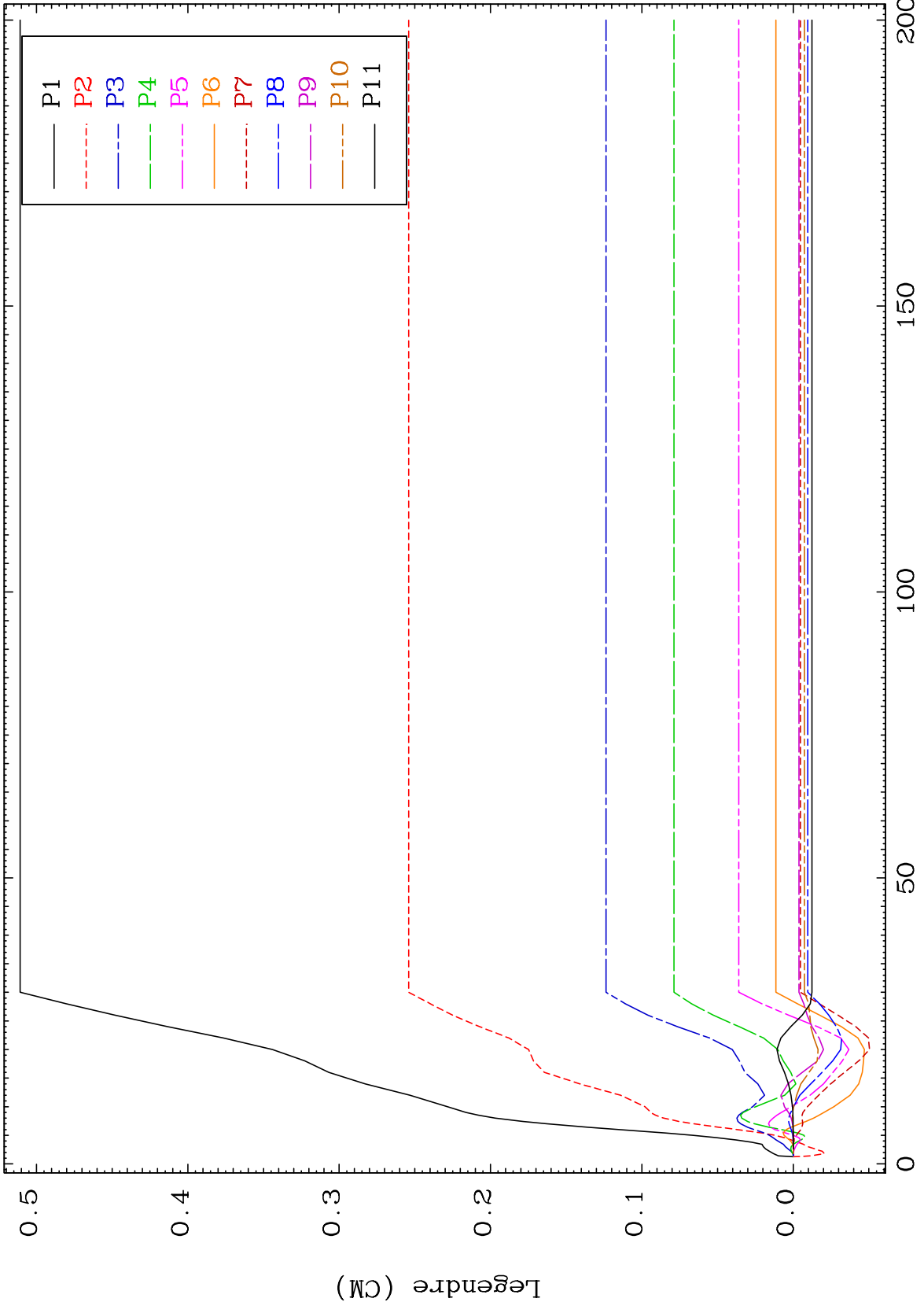
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



25

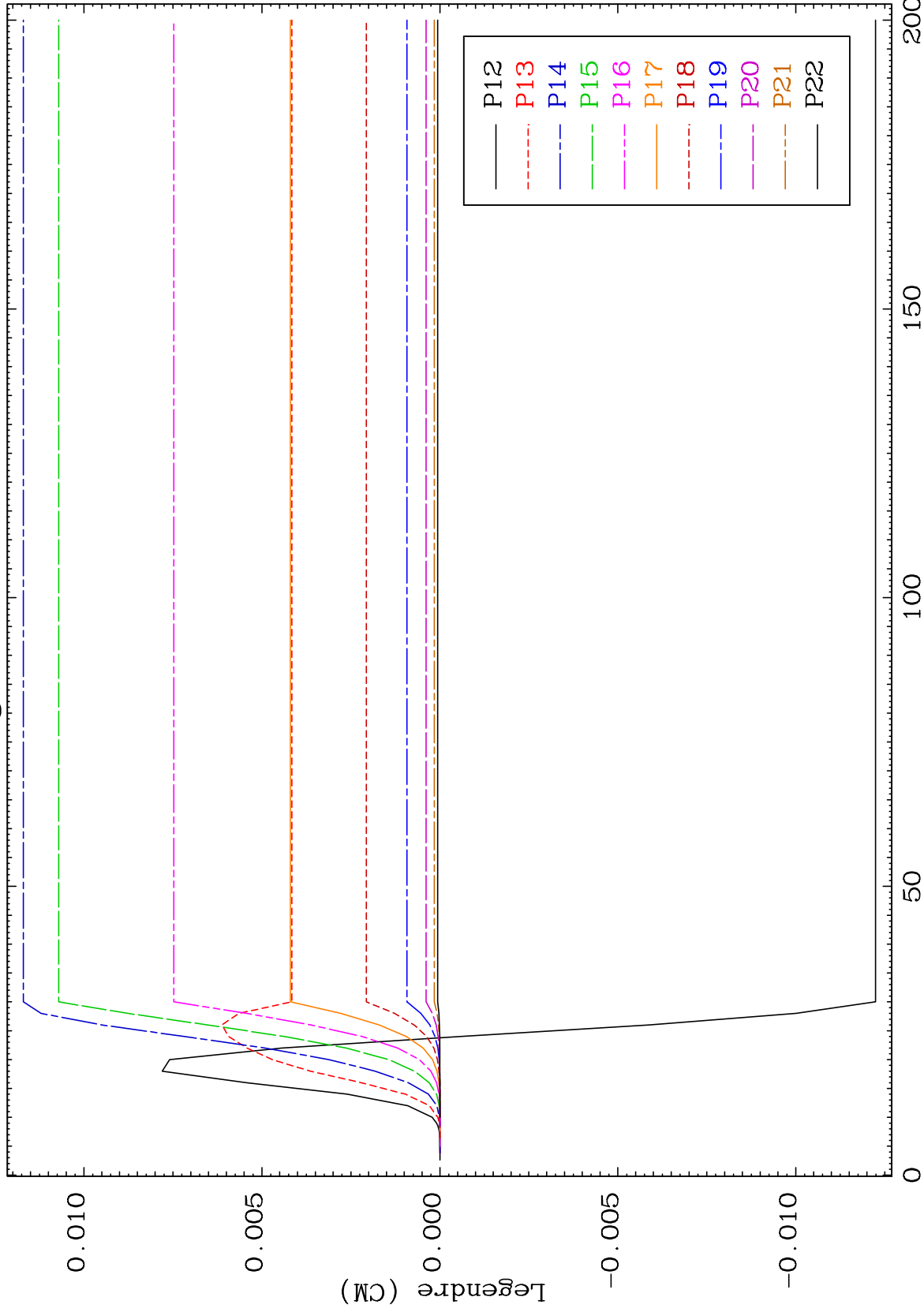
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



26

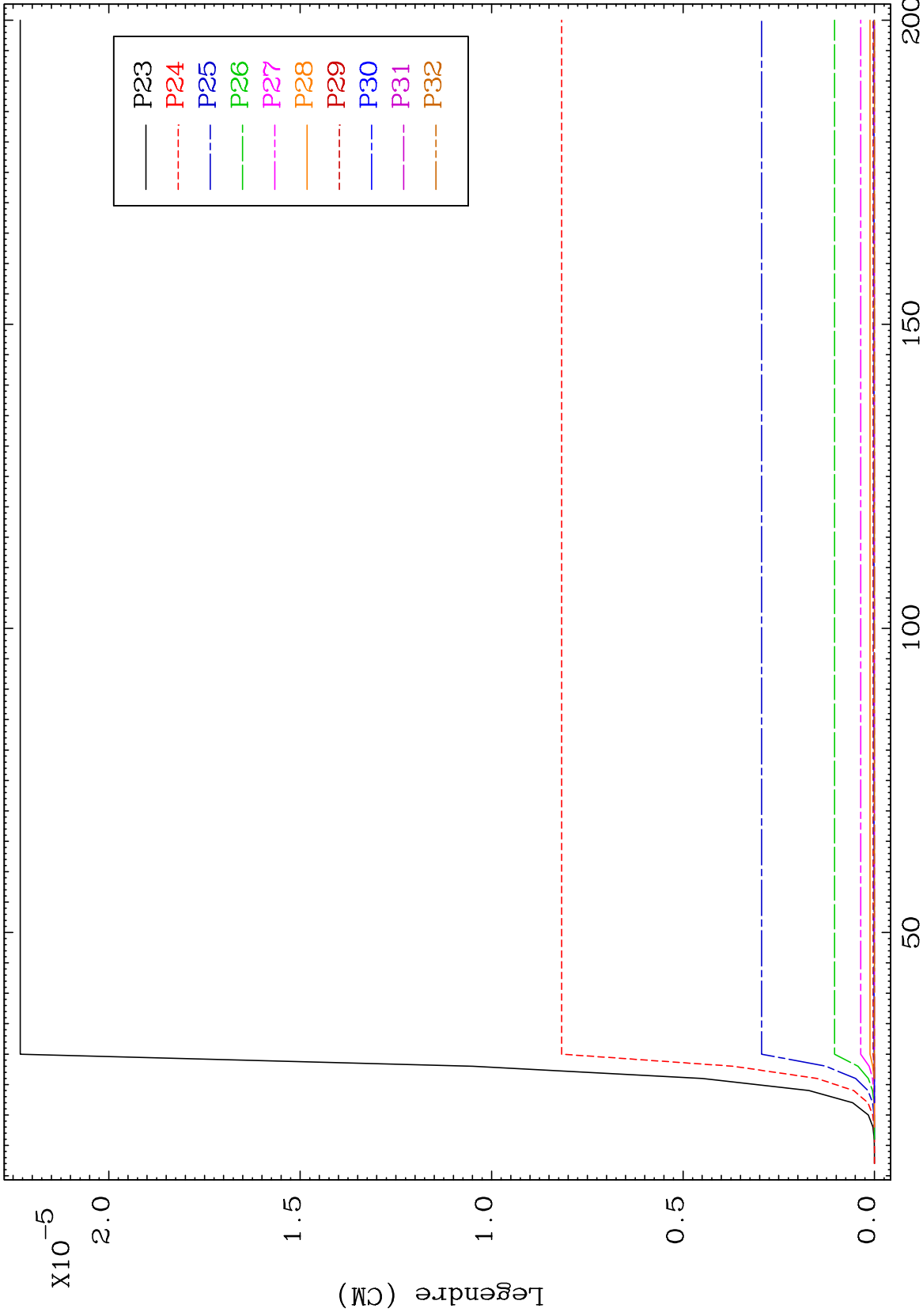
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



27

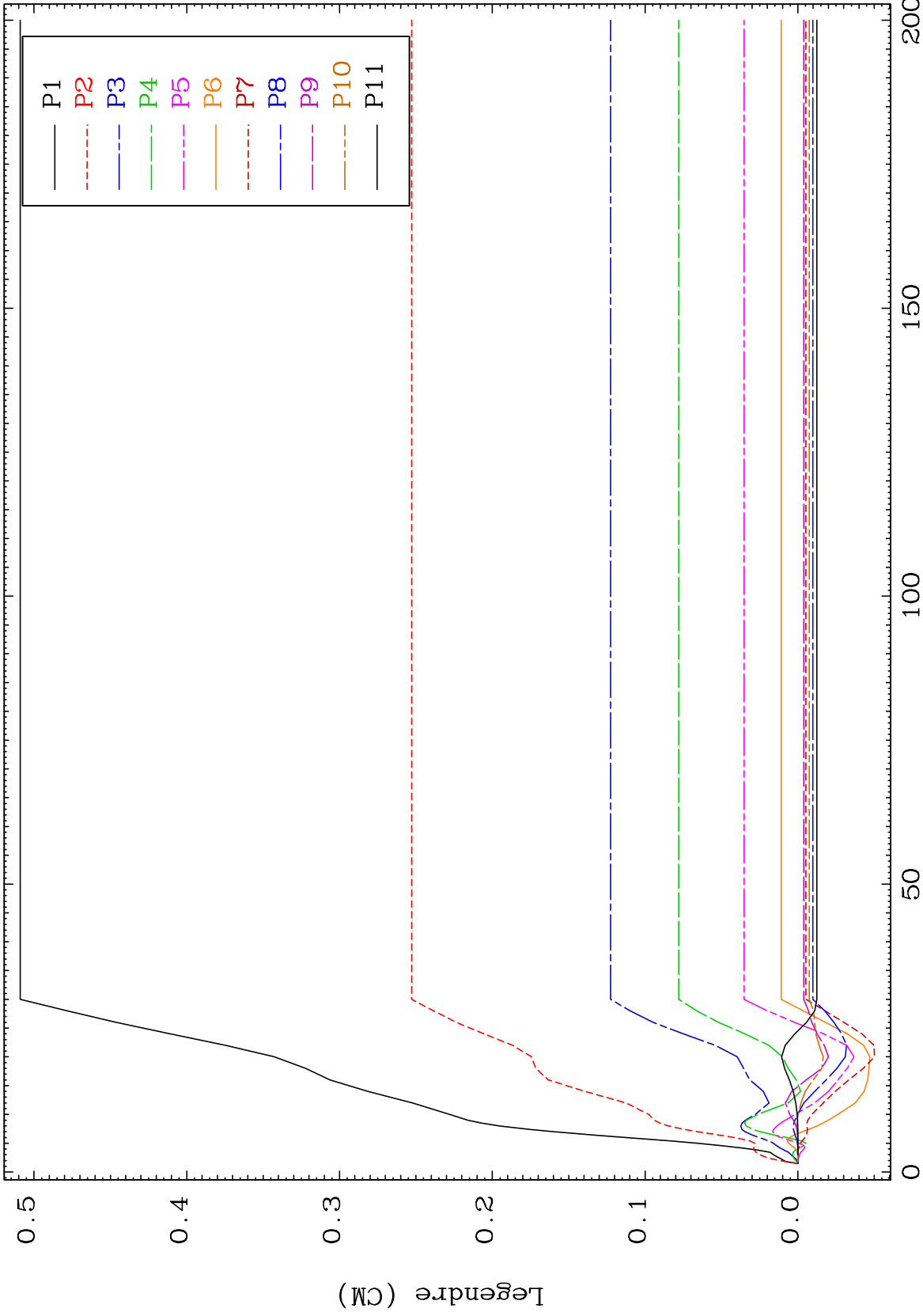
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



28

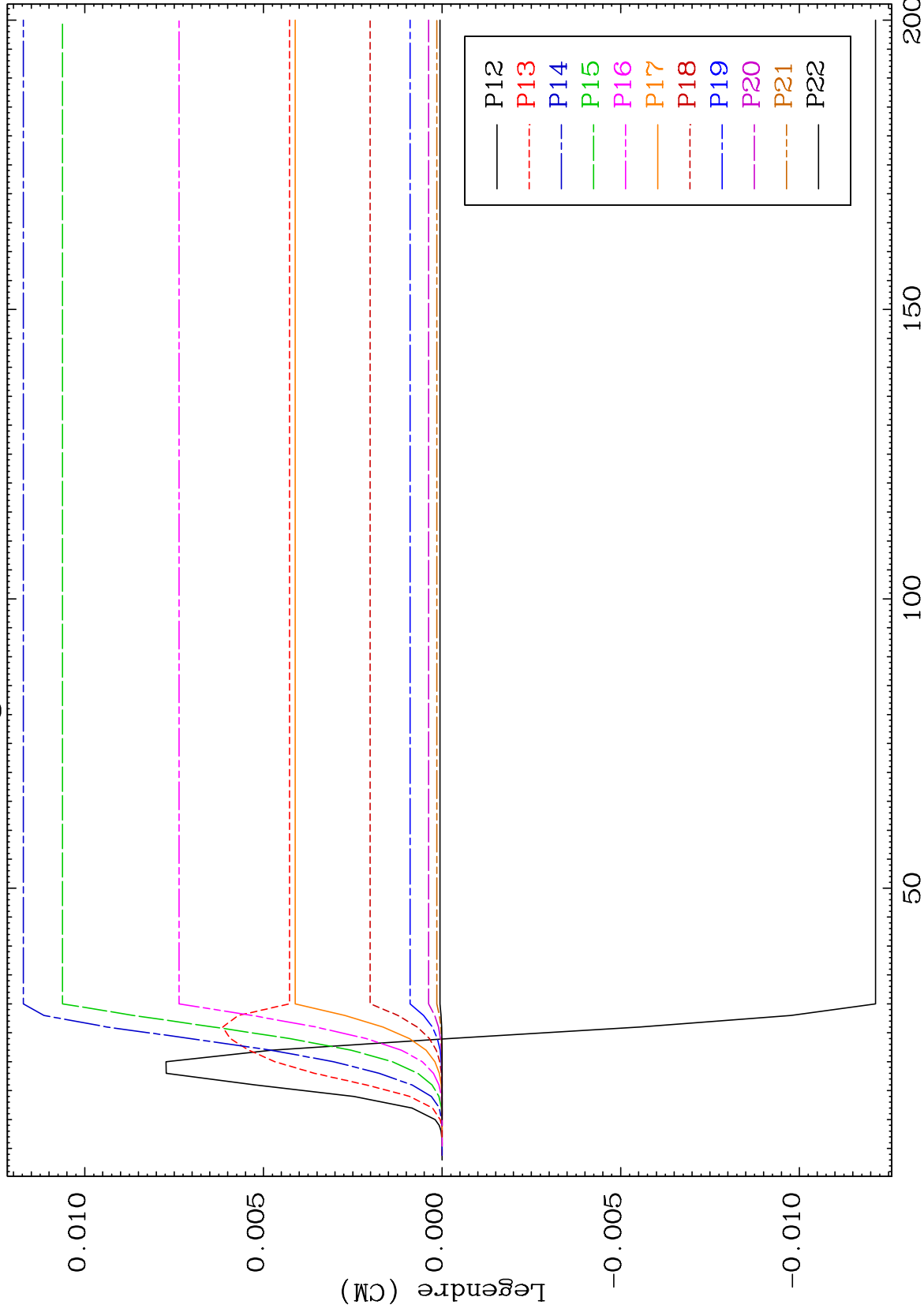
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



29

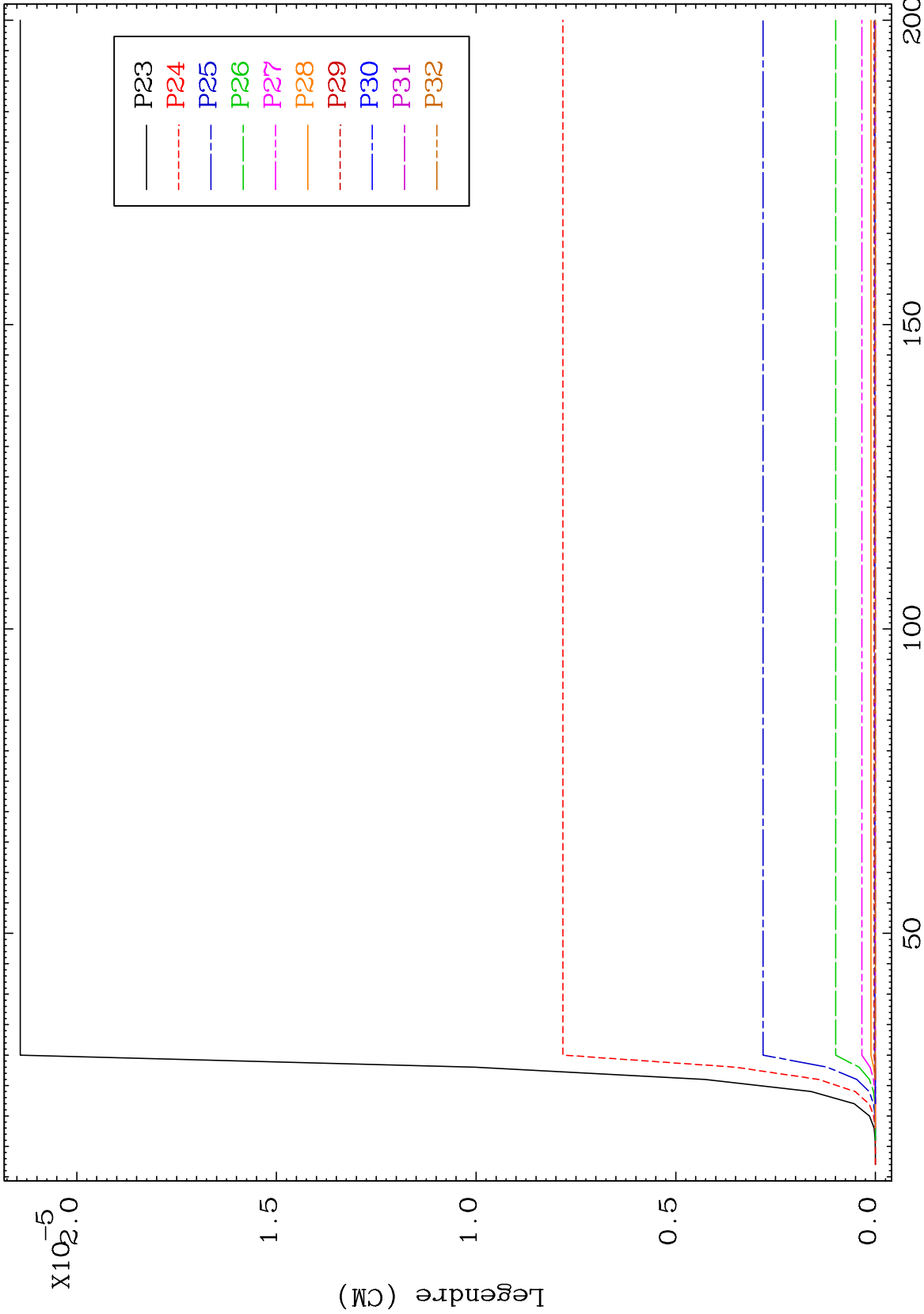
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



30

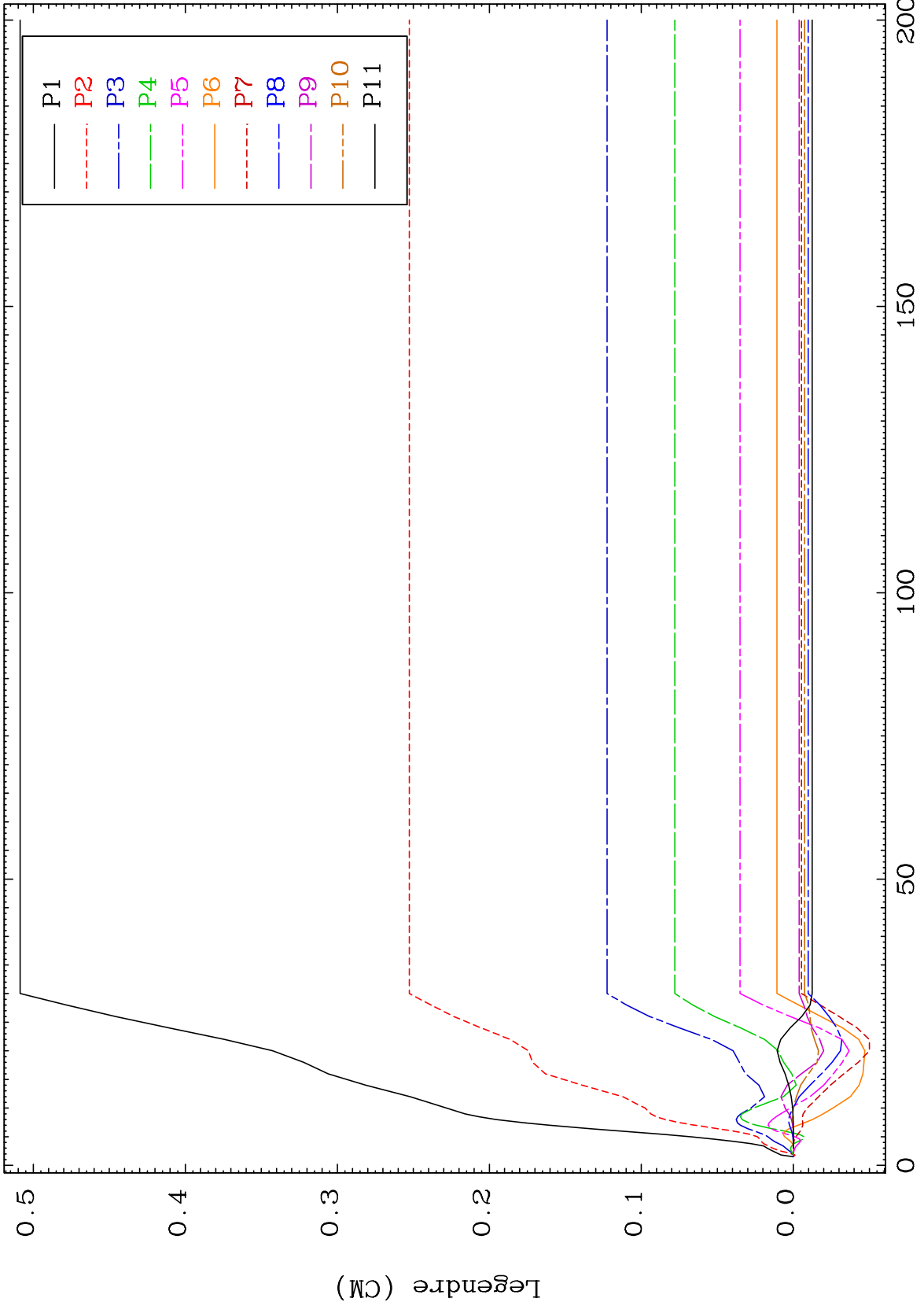
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



31

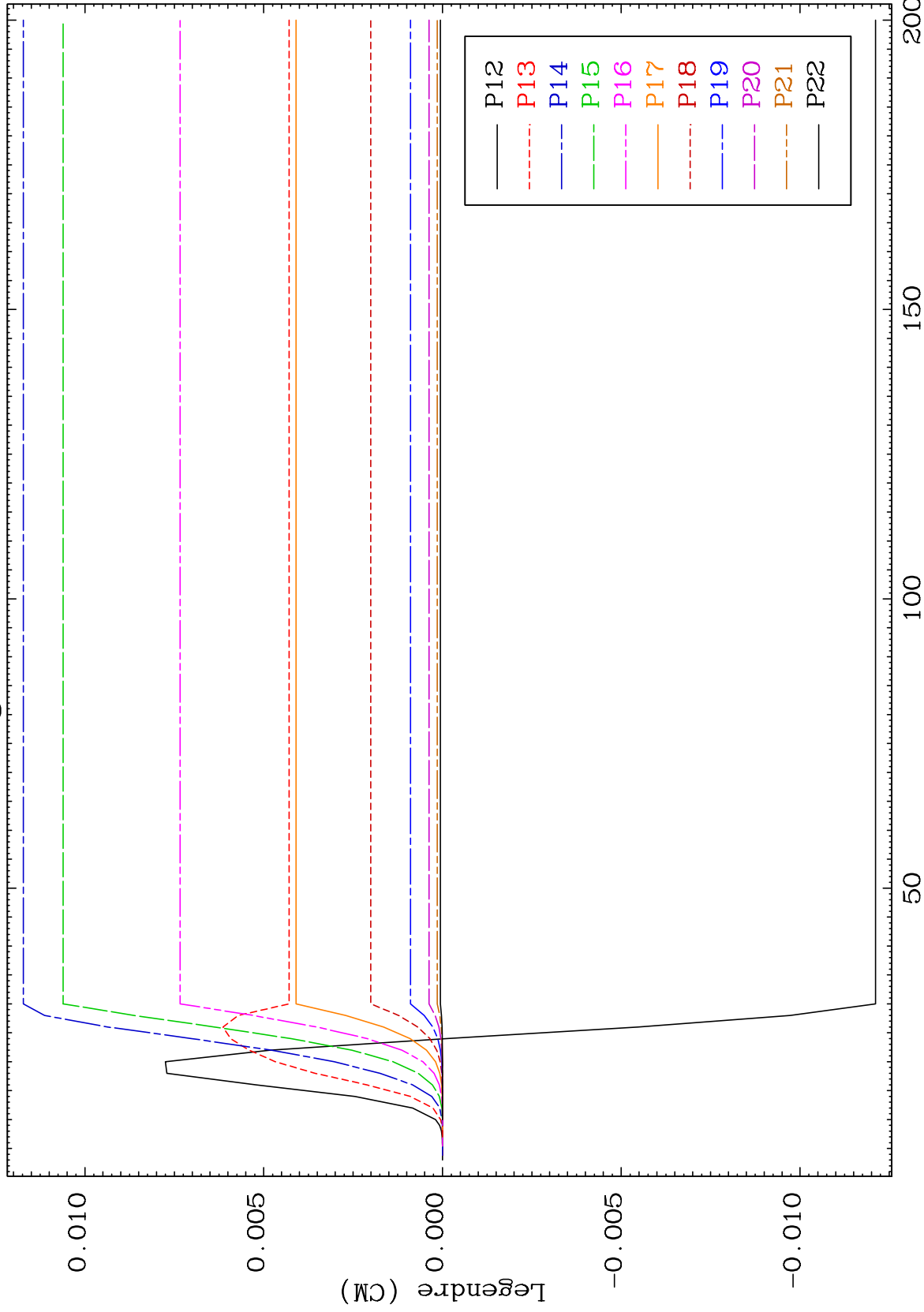
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



32

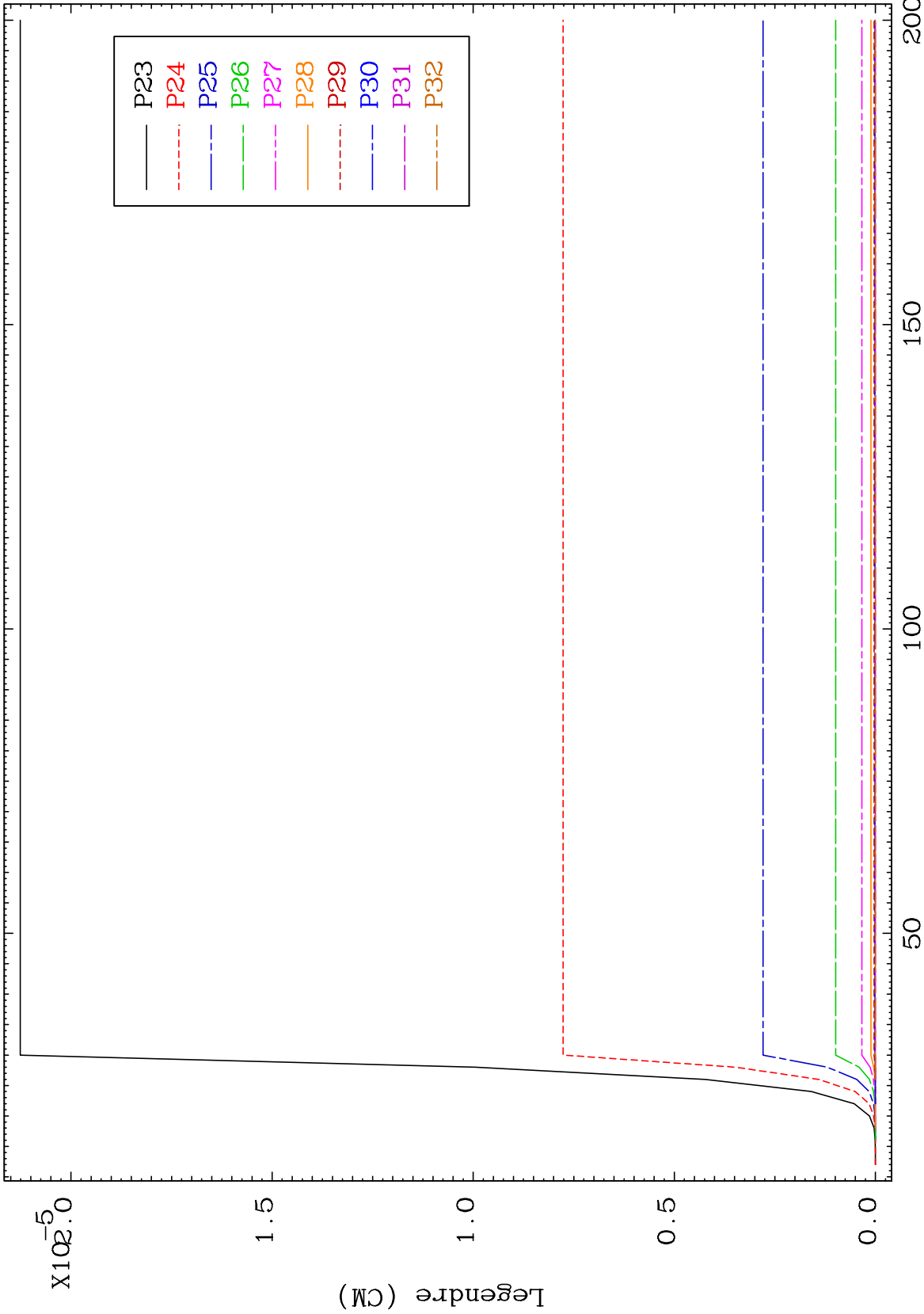
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



33

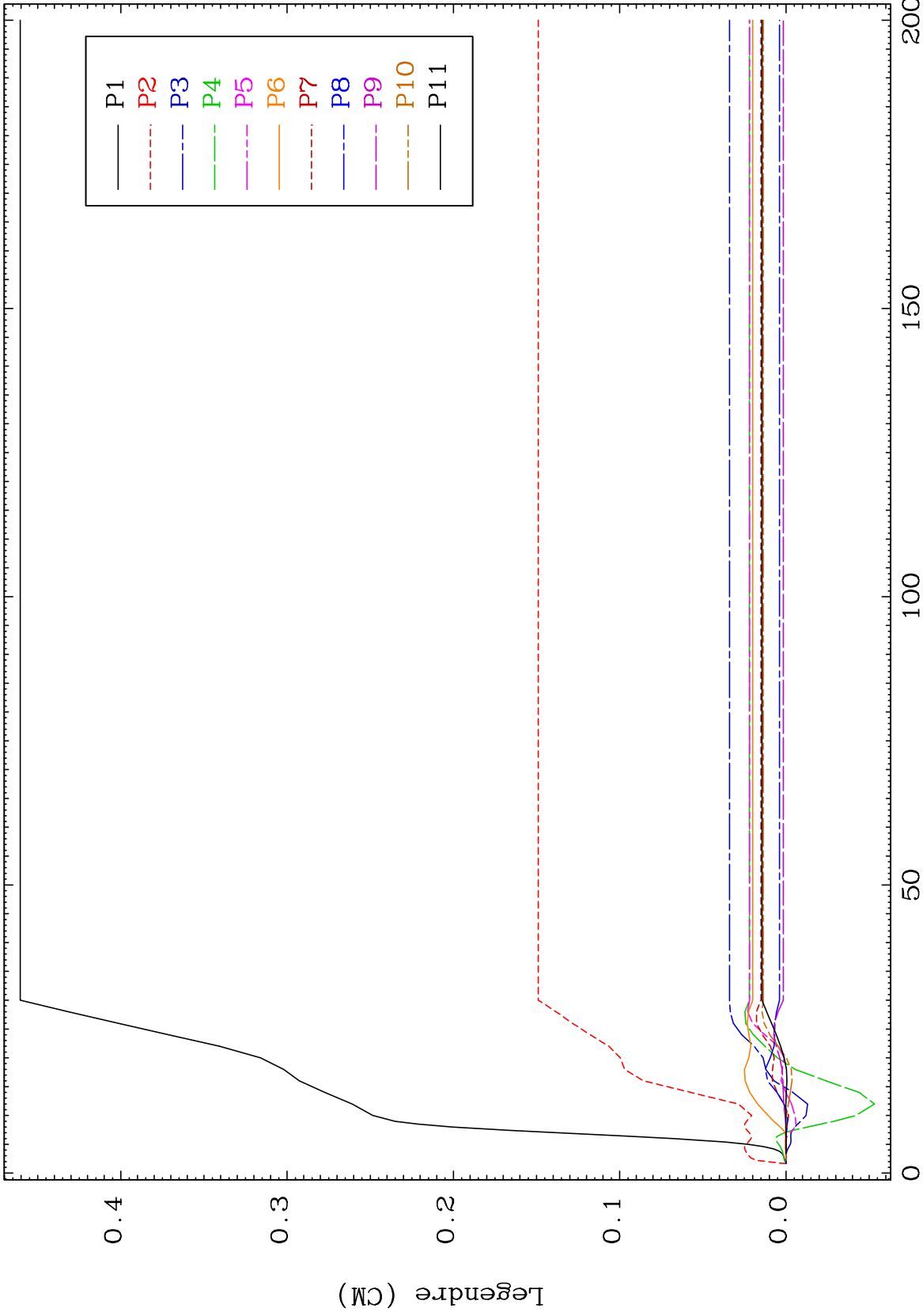
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



34

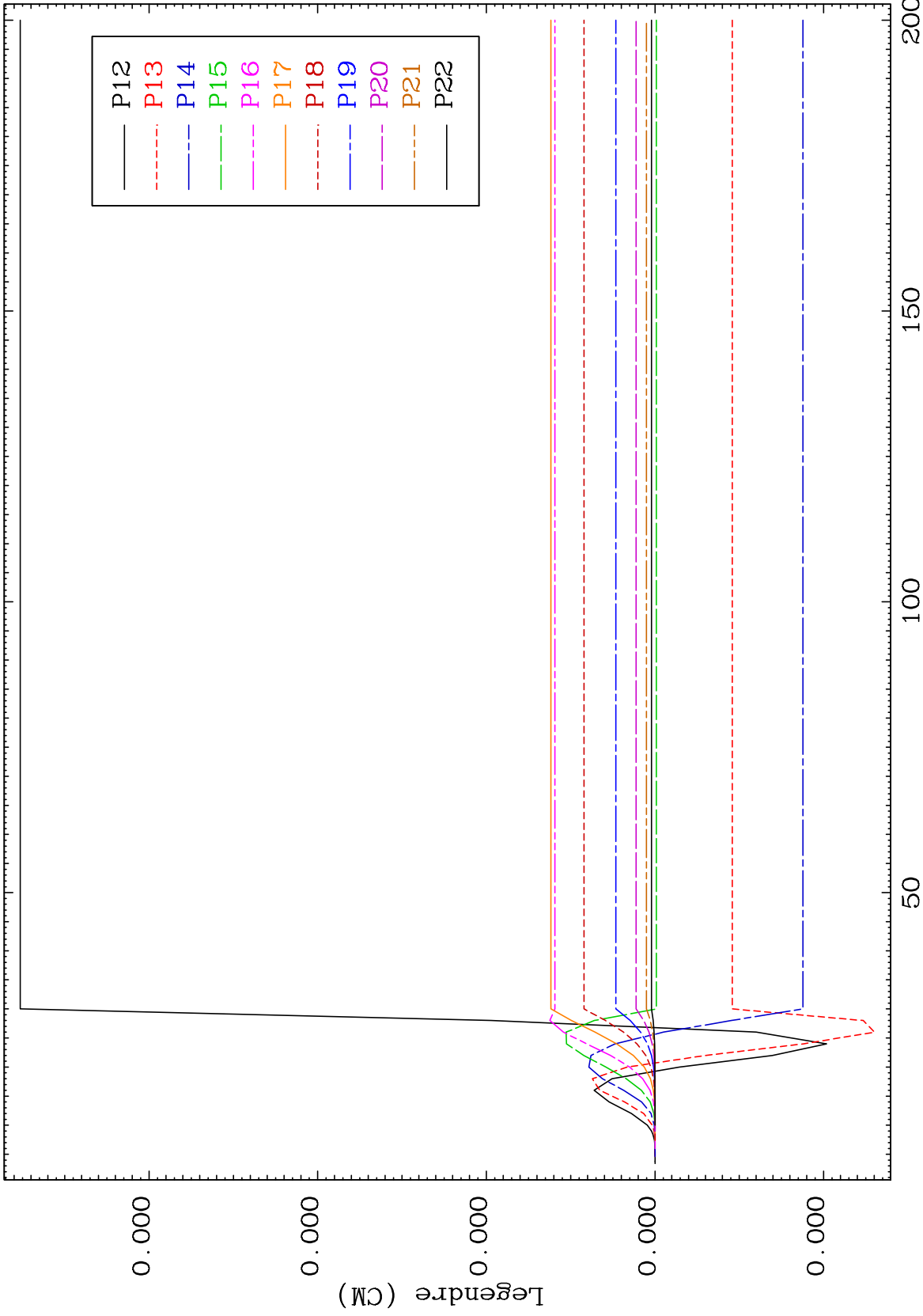
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



35

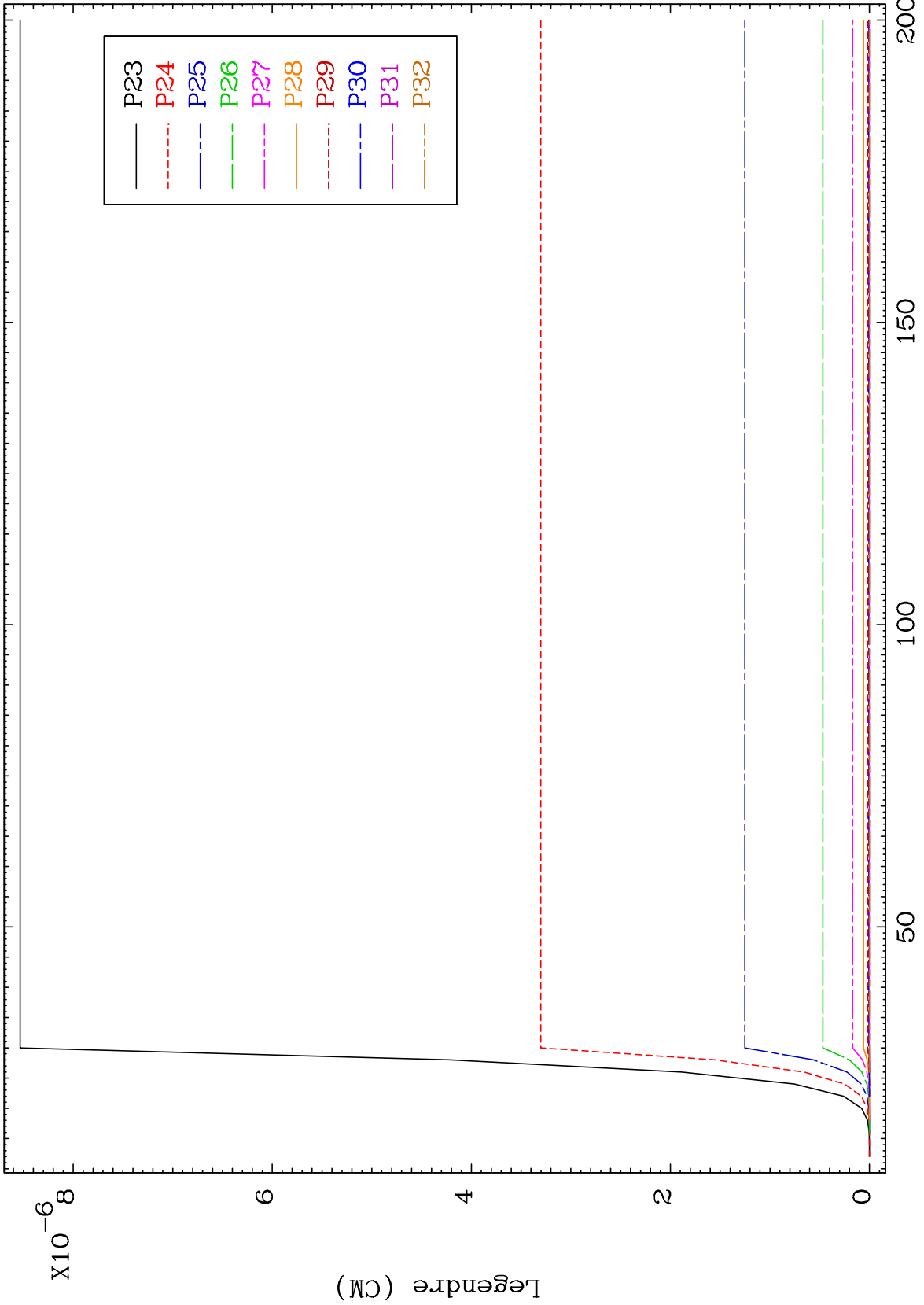
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



36

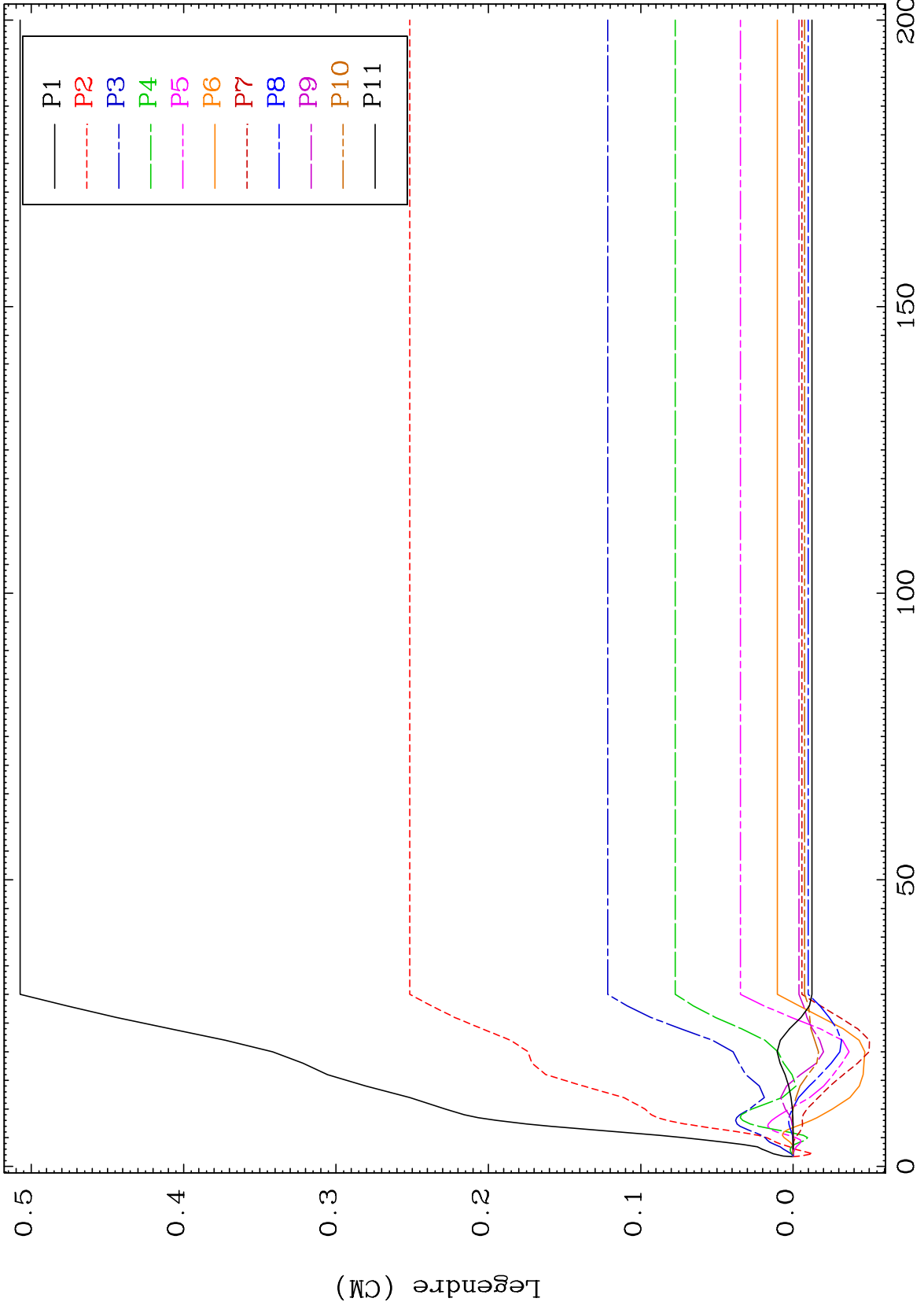
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



37

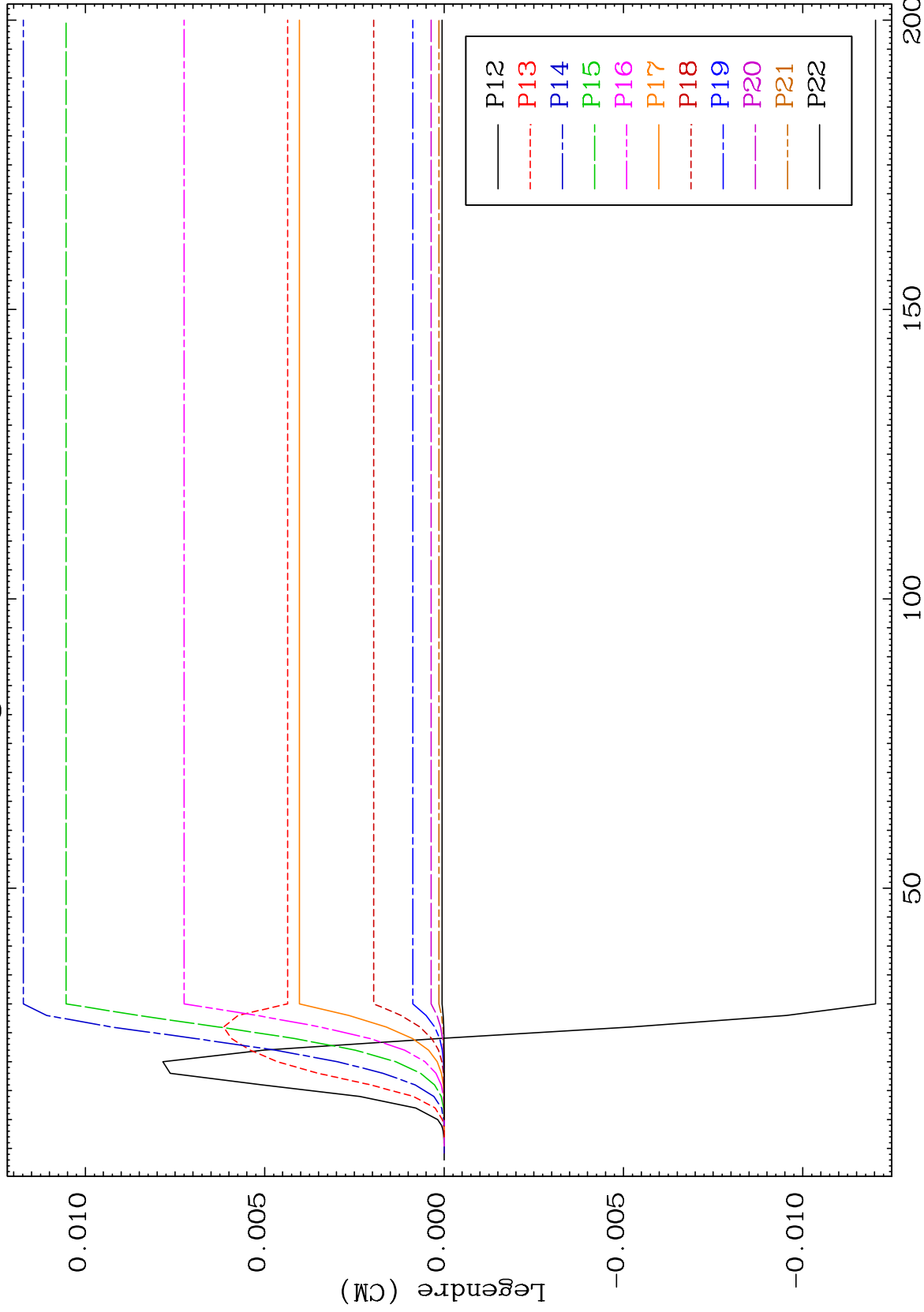
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



38

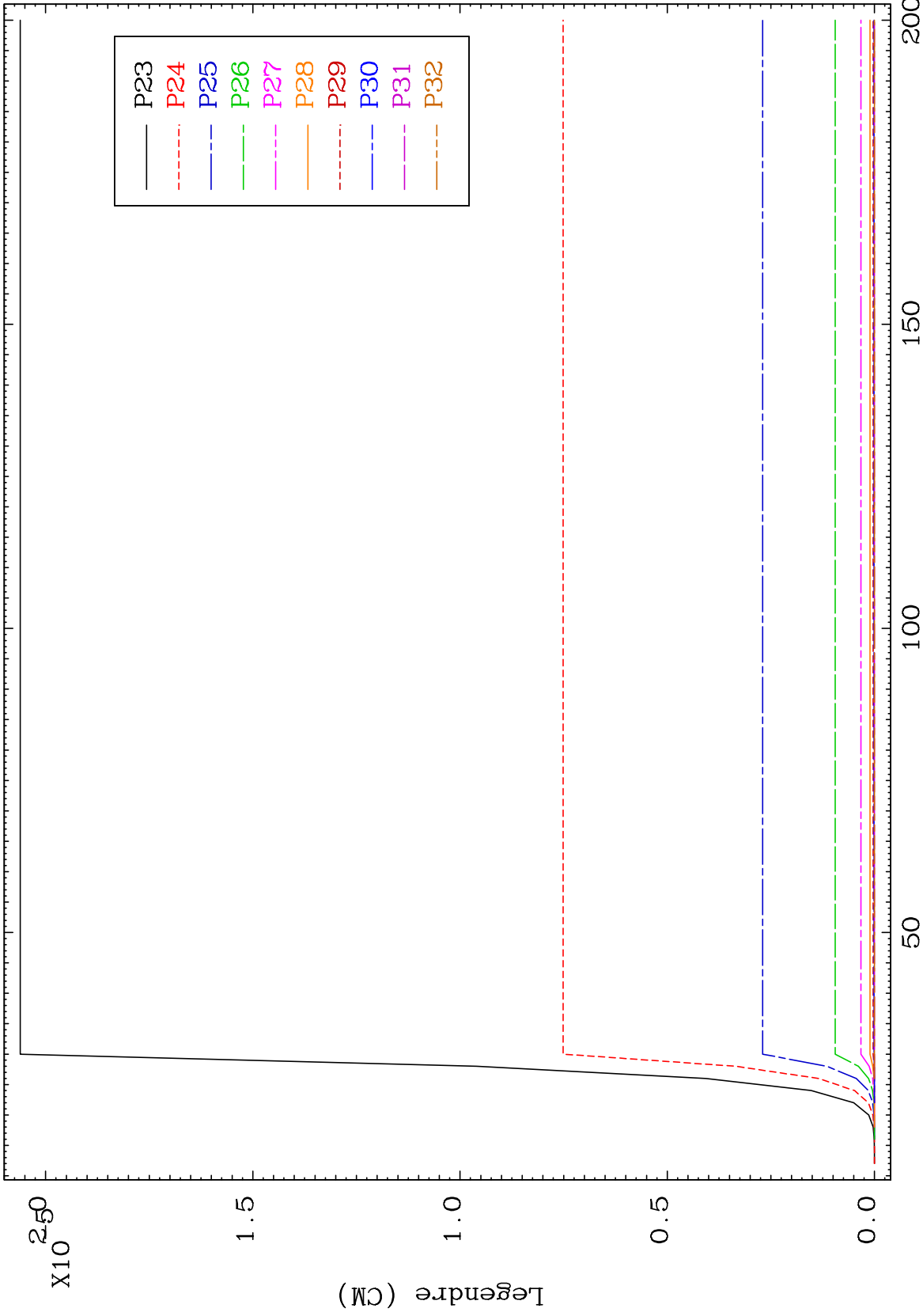
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



39

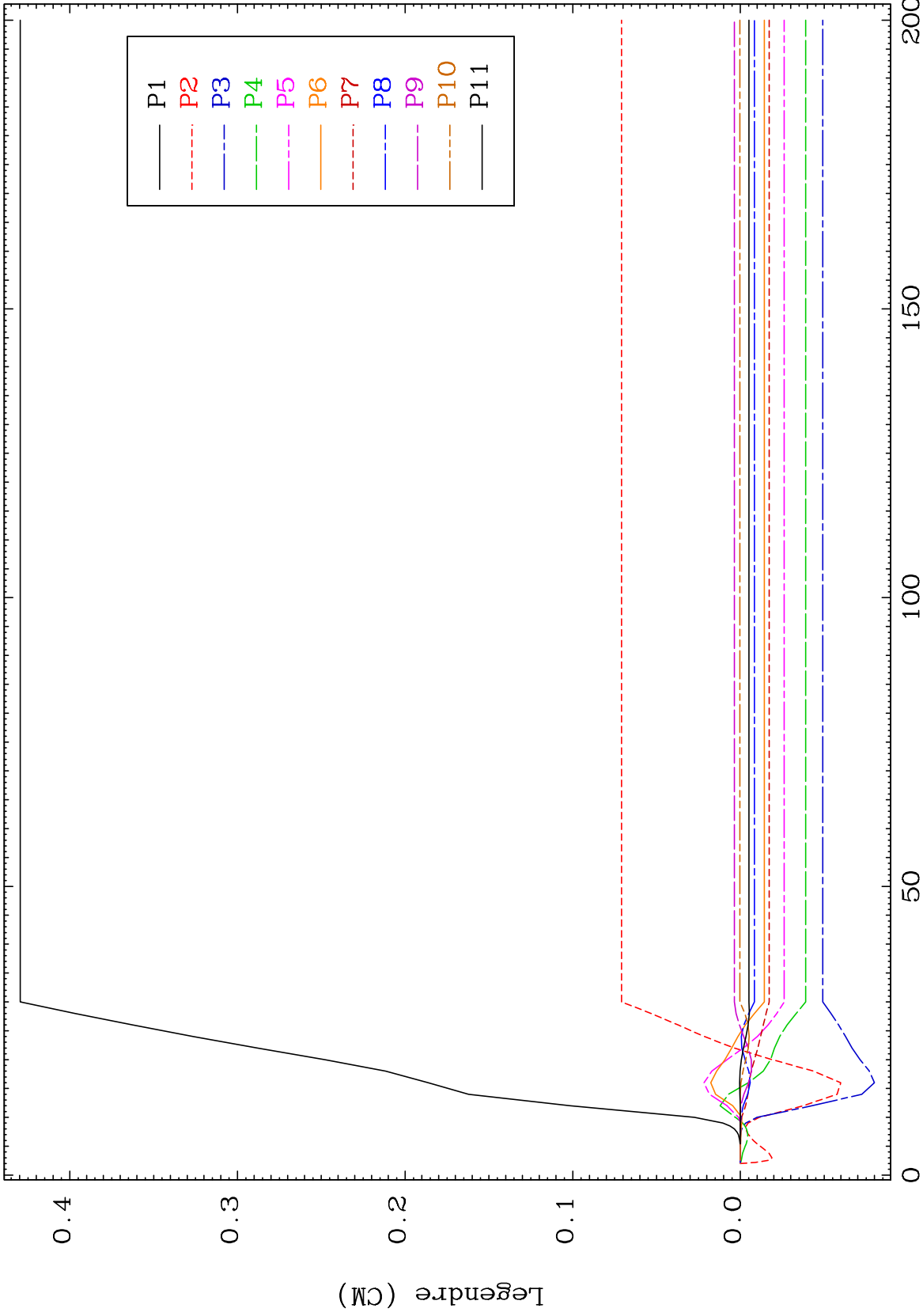
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



27-Co-65

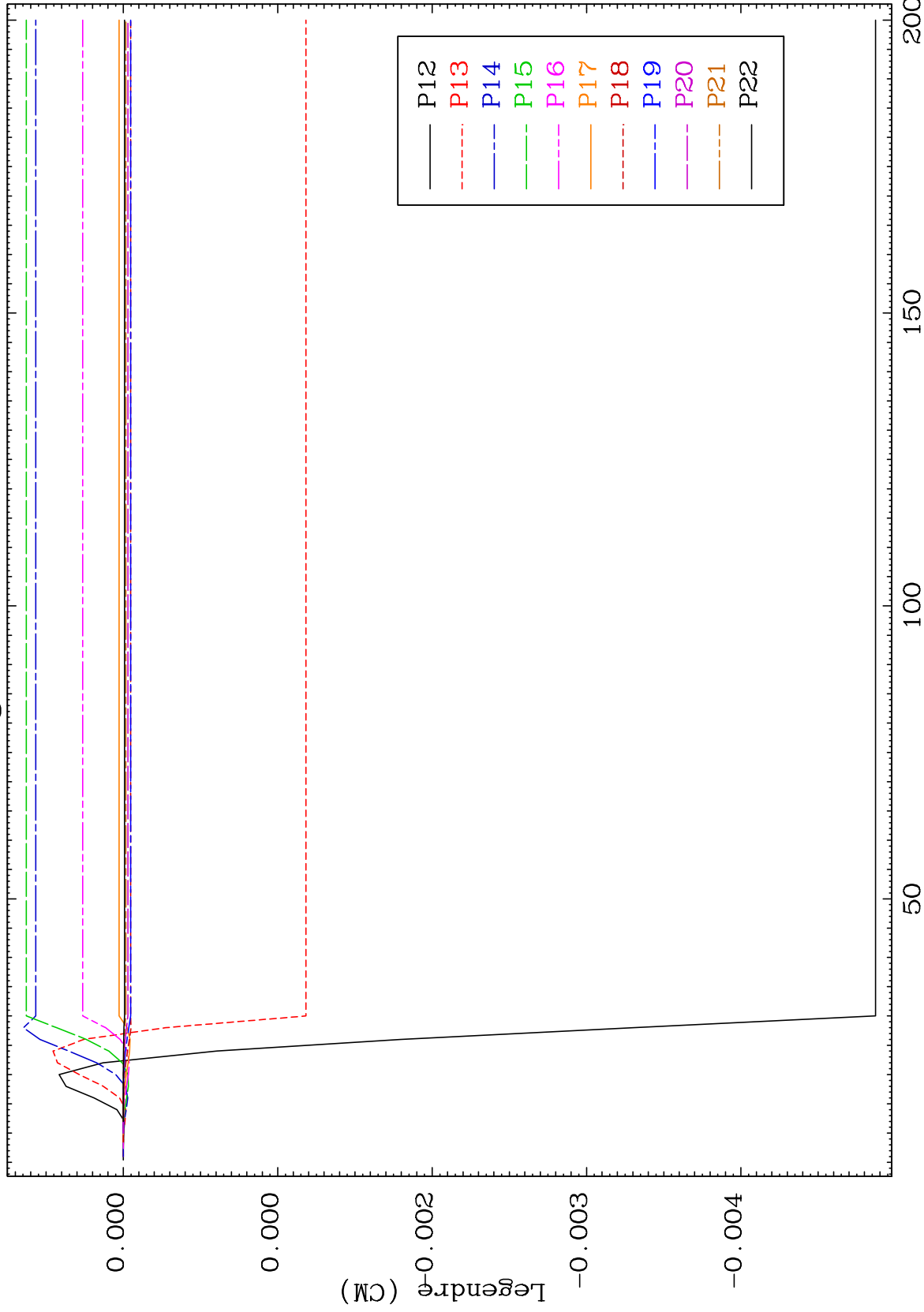
Incident Energy (MeV)

40

MAT 2743

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

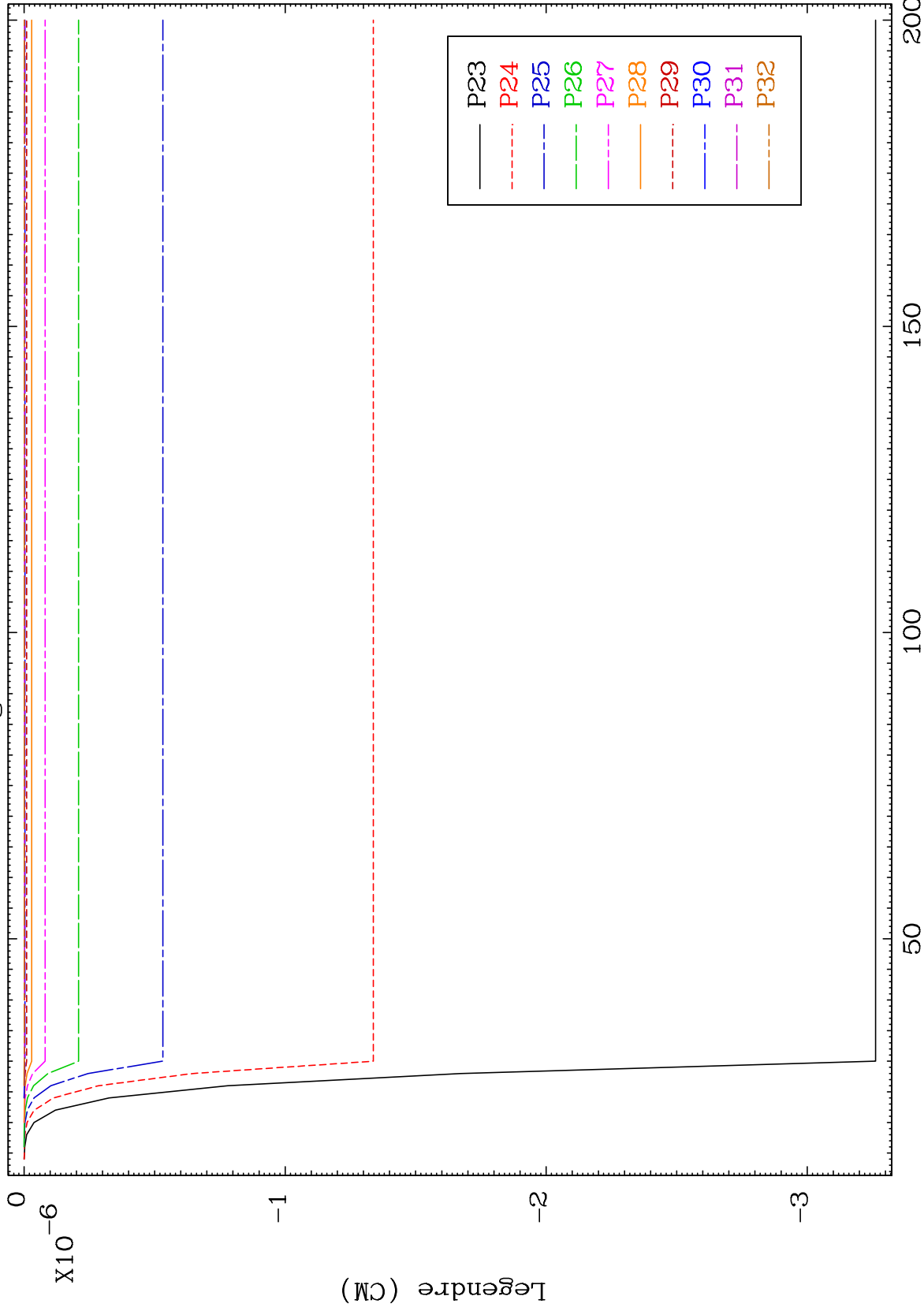
27-Co-65



MAT 2743

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

27-Co-65



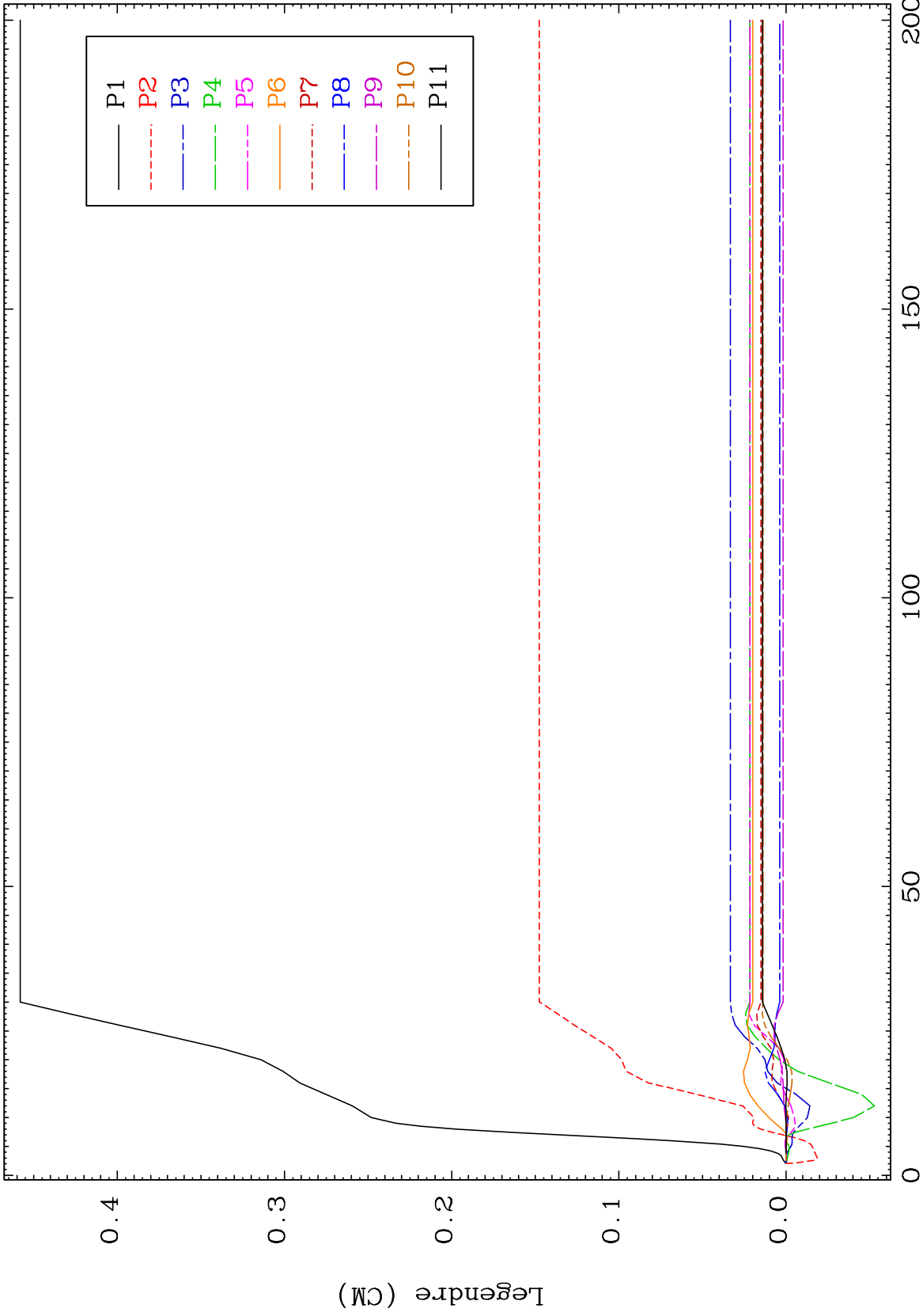
42

27-Co-65

MAT 2743

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

27-Co-65



43

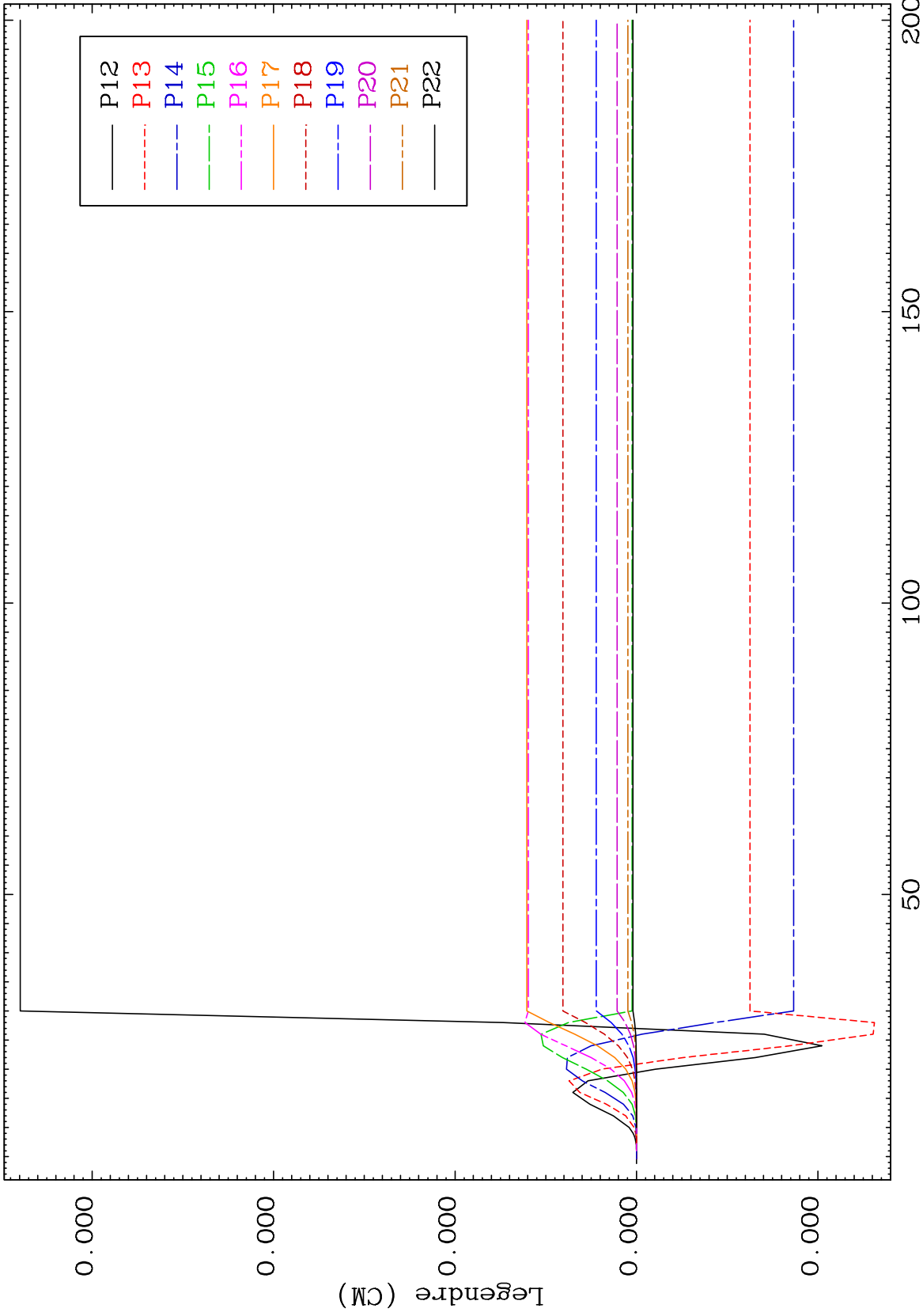
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



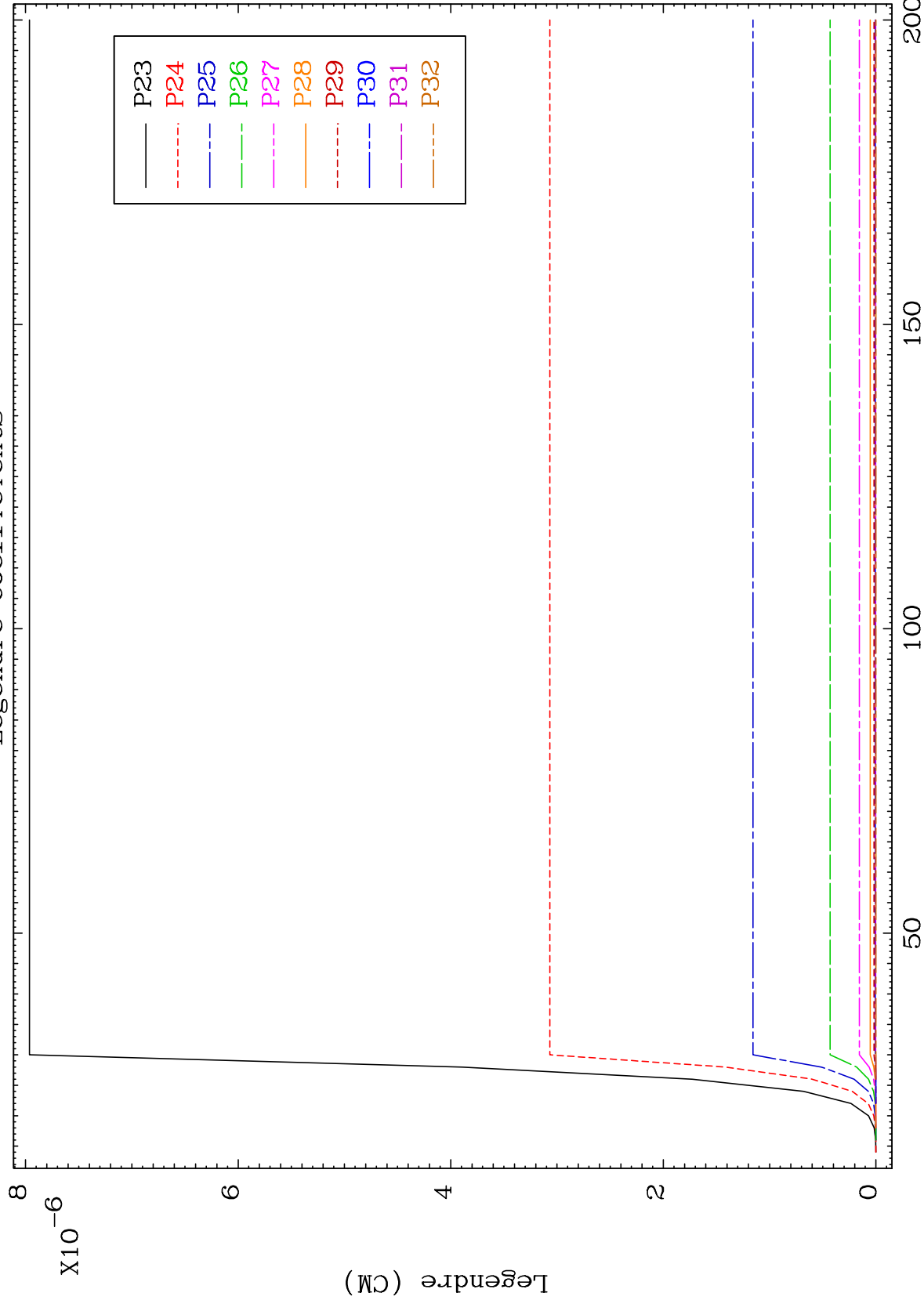
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27-Co-65

MAT 2743

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

27-Co-65



45

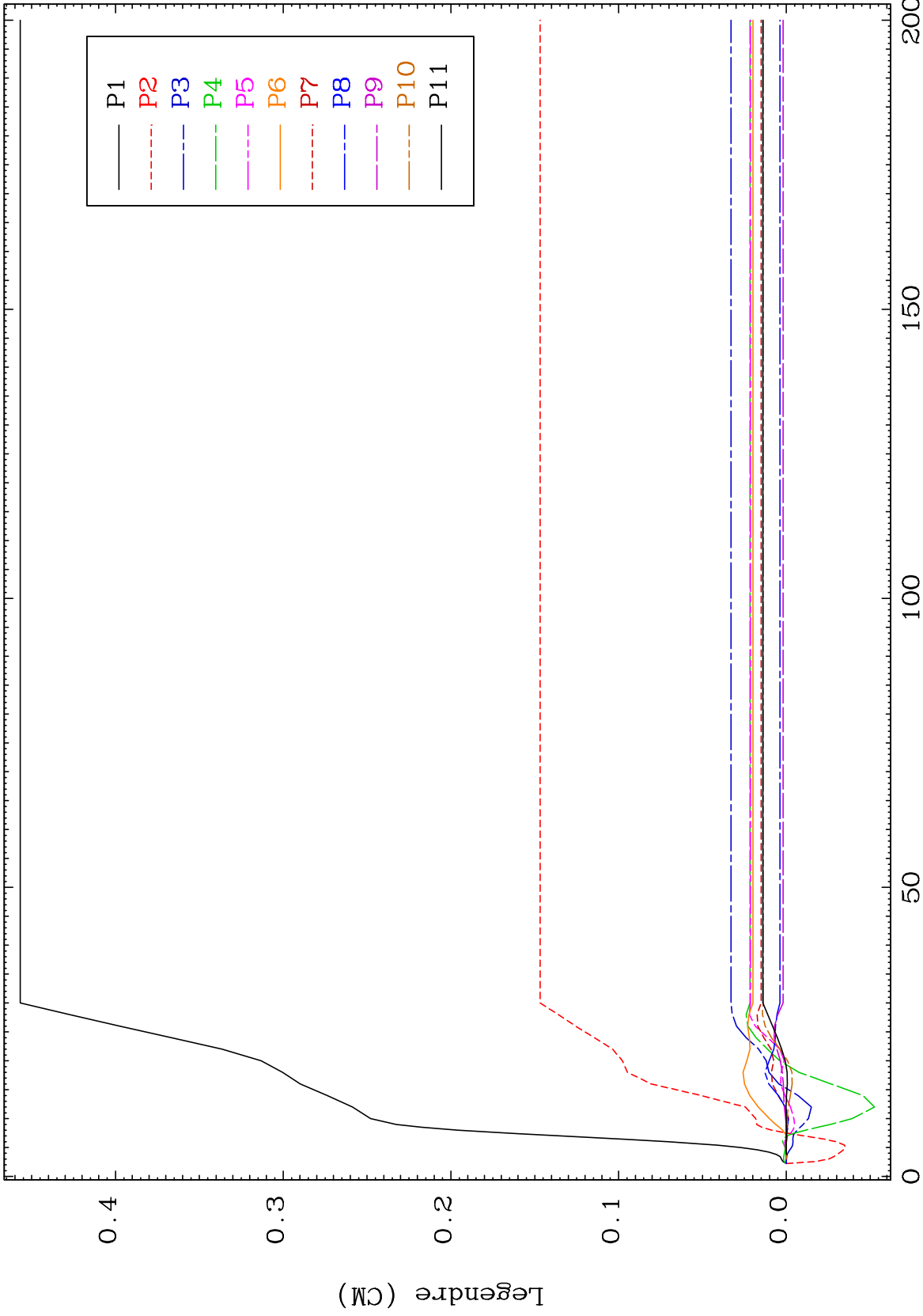
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



46

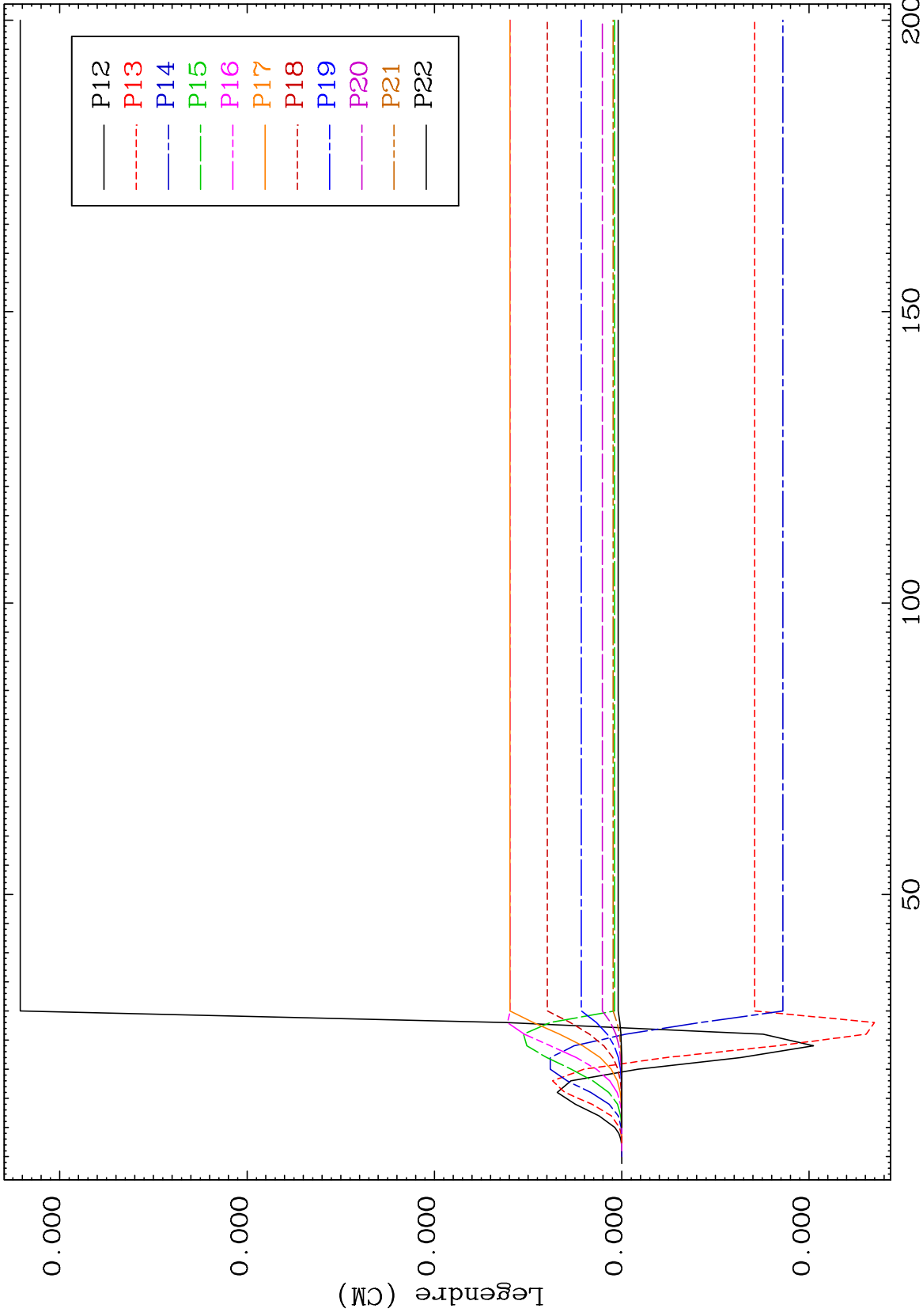
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



47

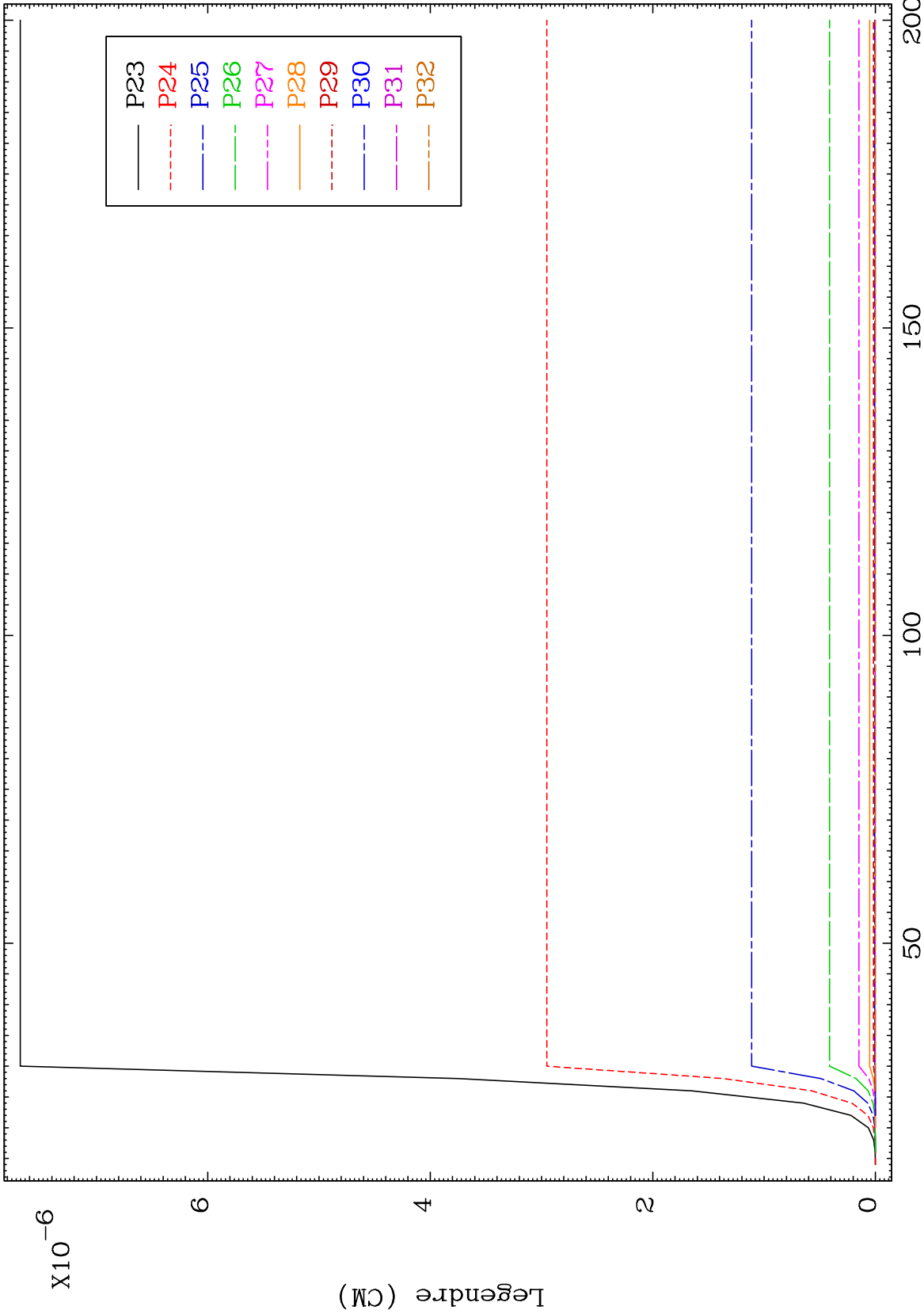
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



48

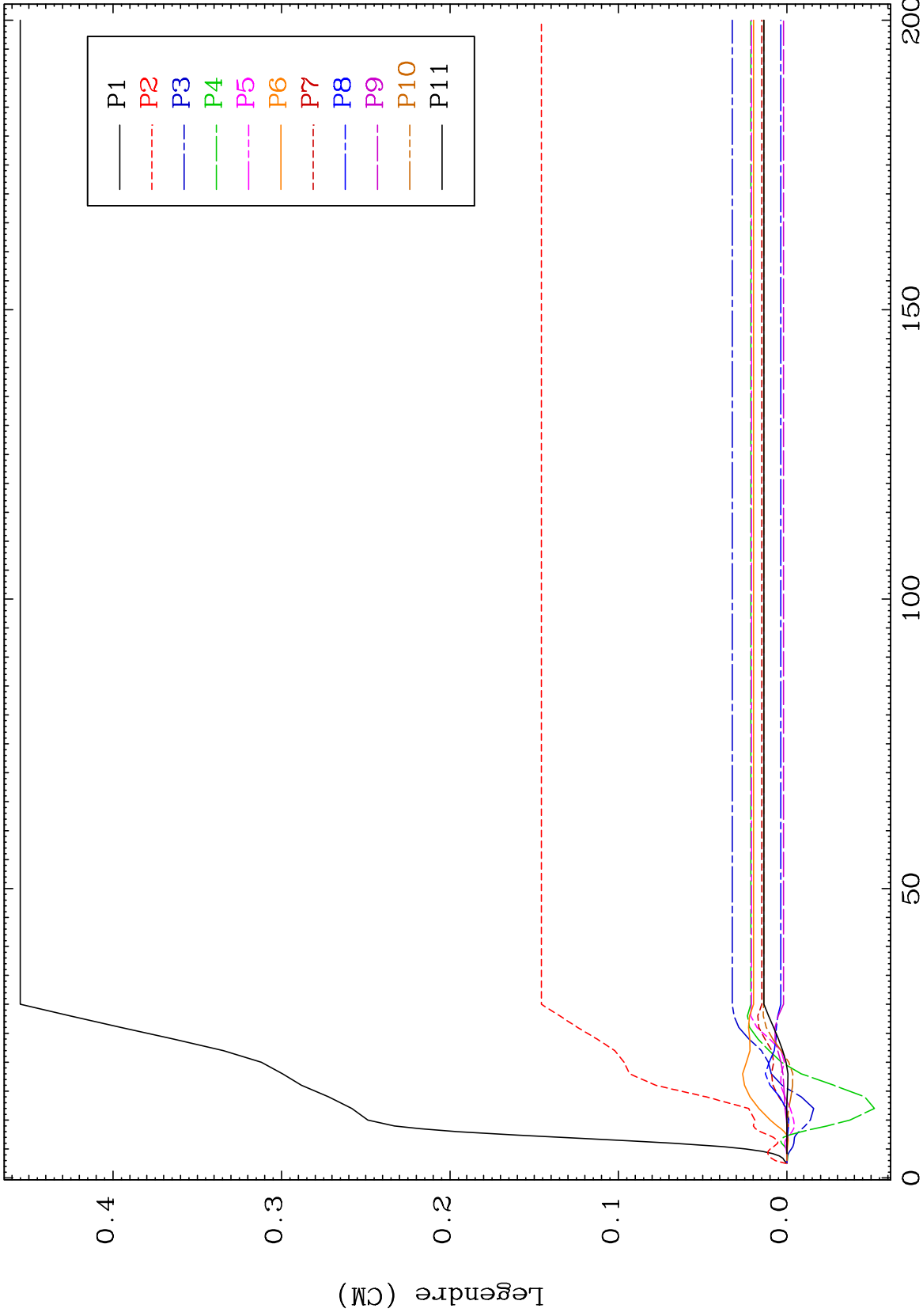
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65

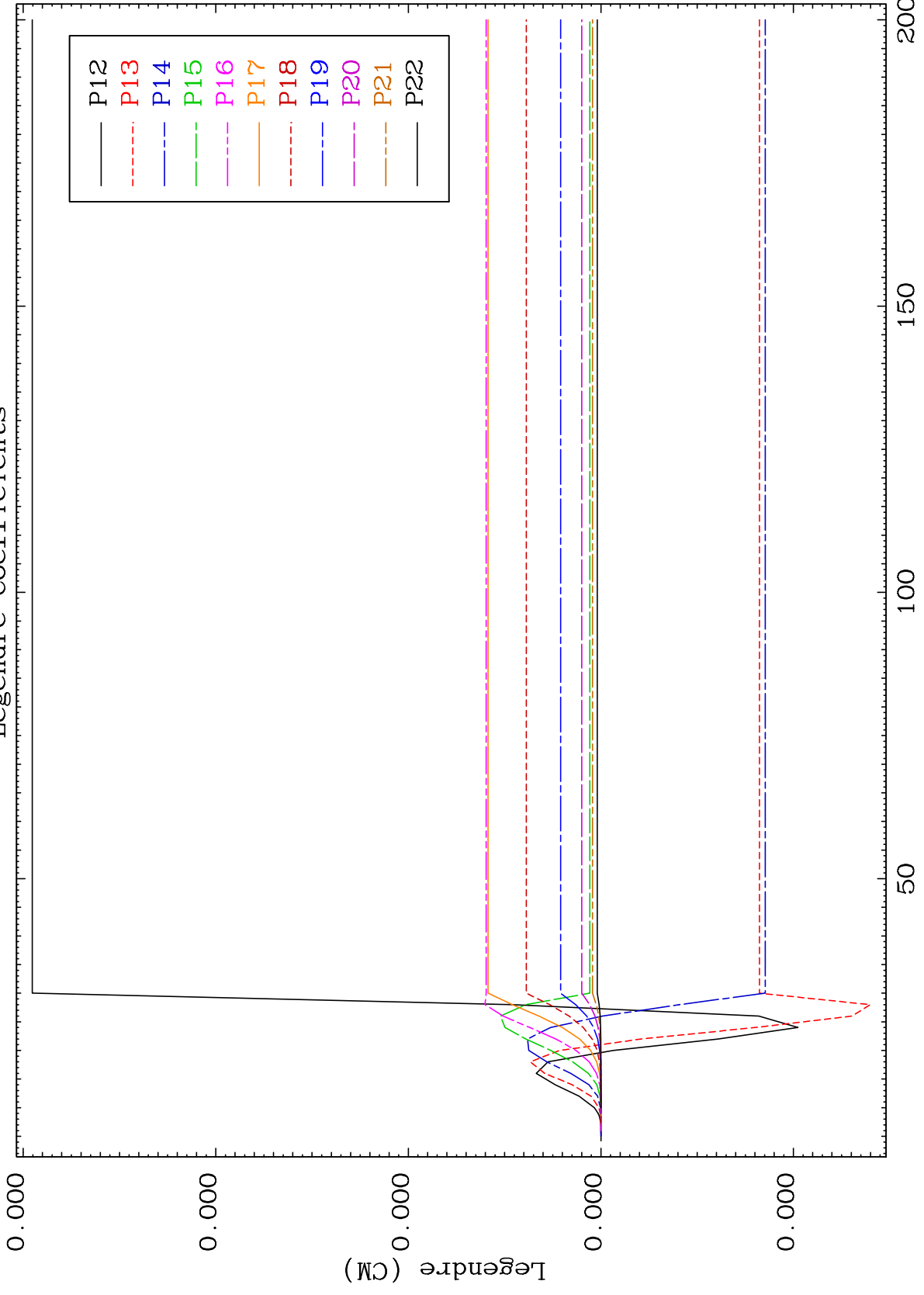


49

Incident Energy (MeV)

27-Co-65

MAT 2743 MT= 61 (n,n') Level Legendre Coefficients 27-Co-65

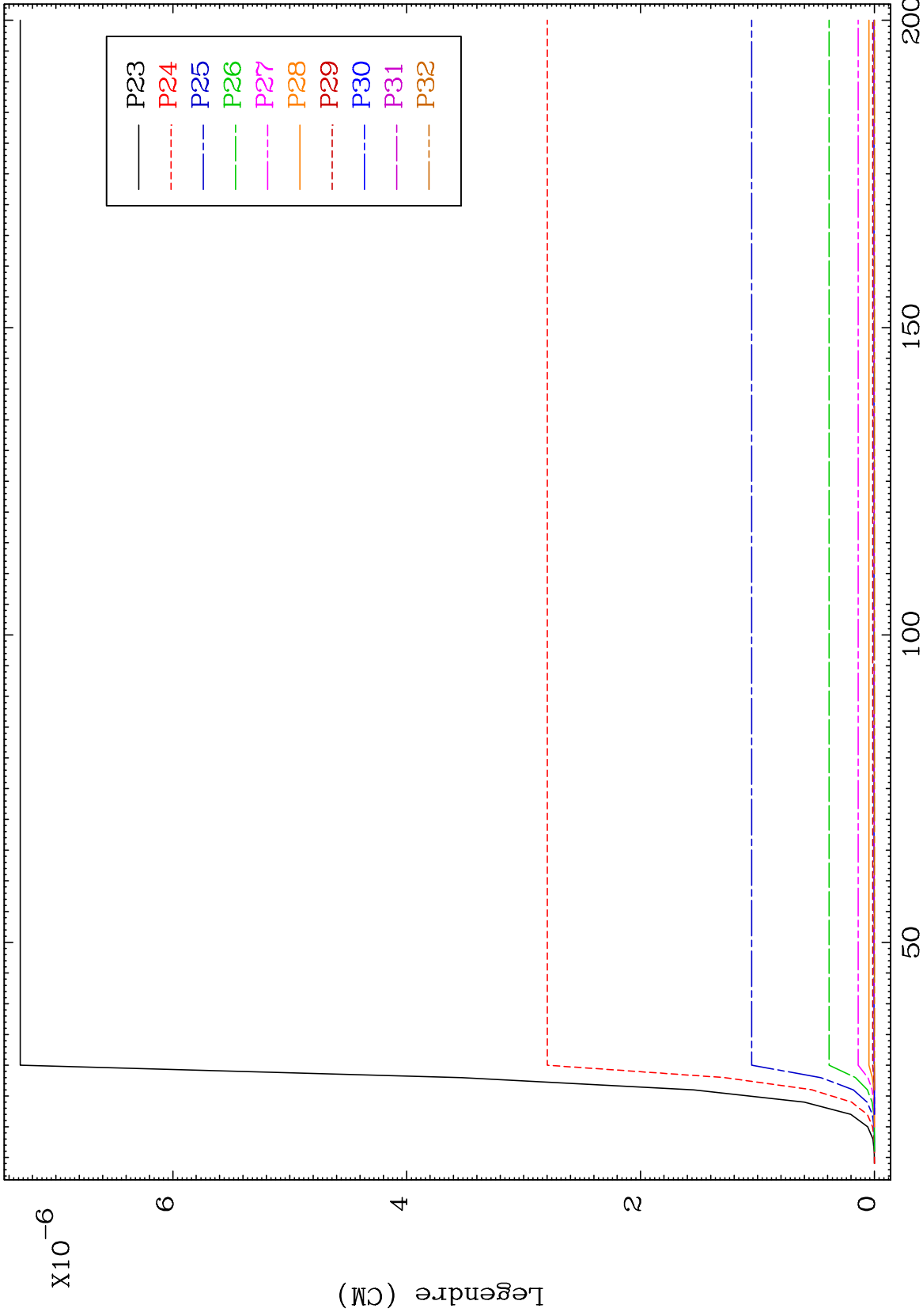


50 100 150 200 Incident Energy (MeV) 27-Co-65

MAT 2743

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

27-Co-65



51

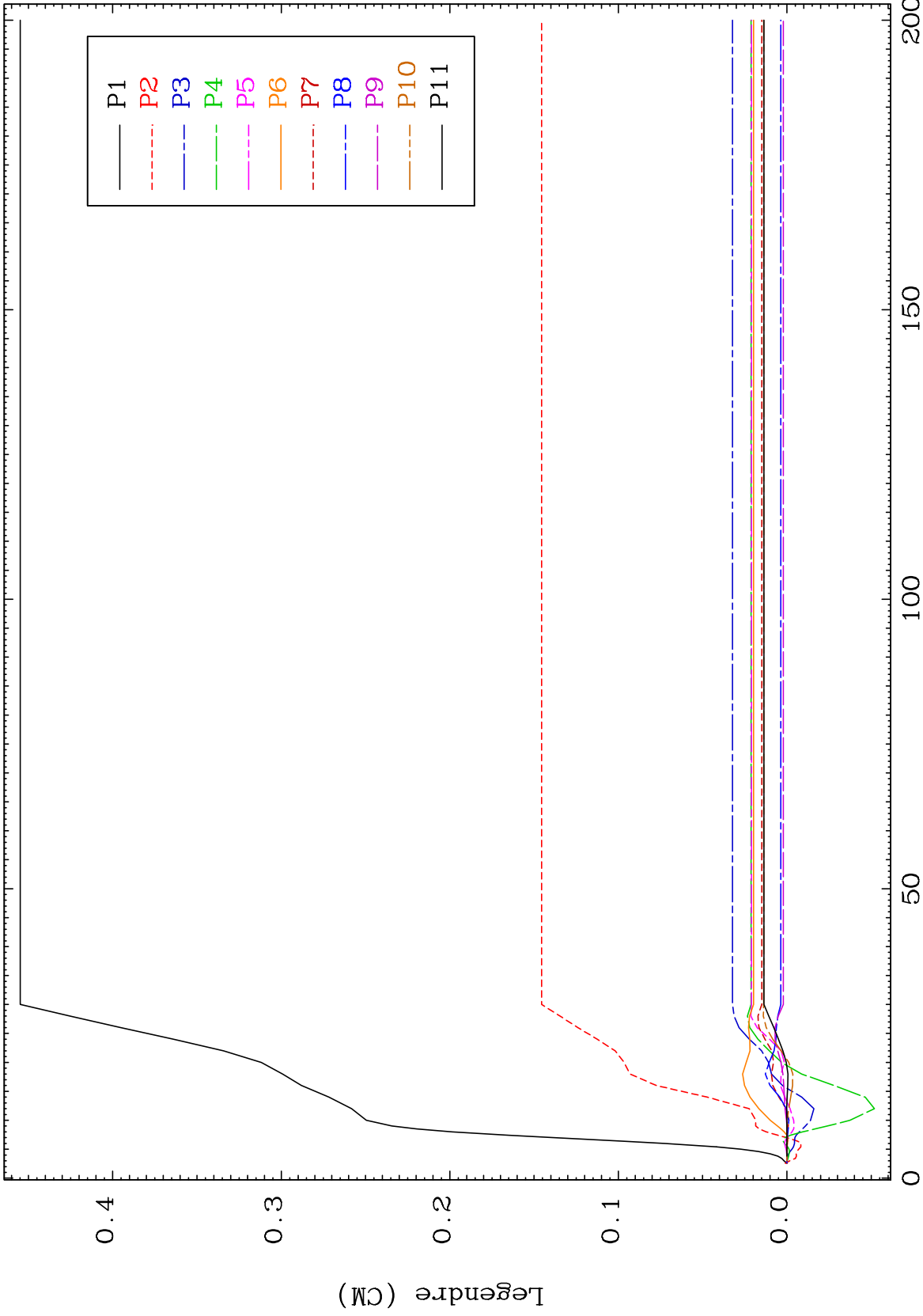
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



52

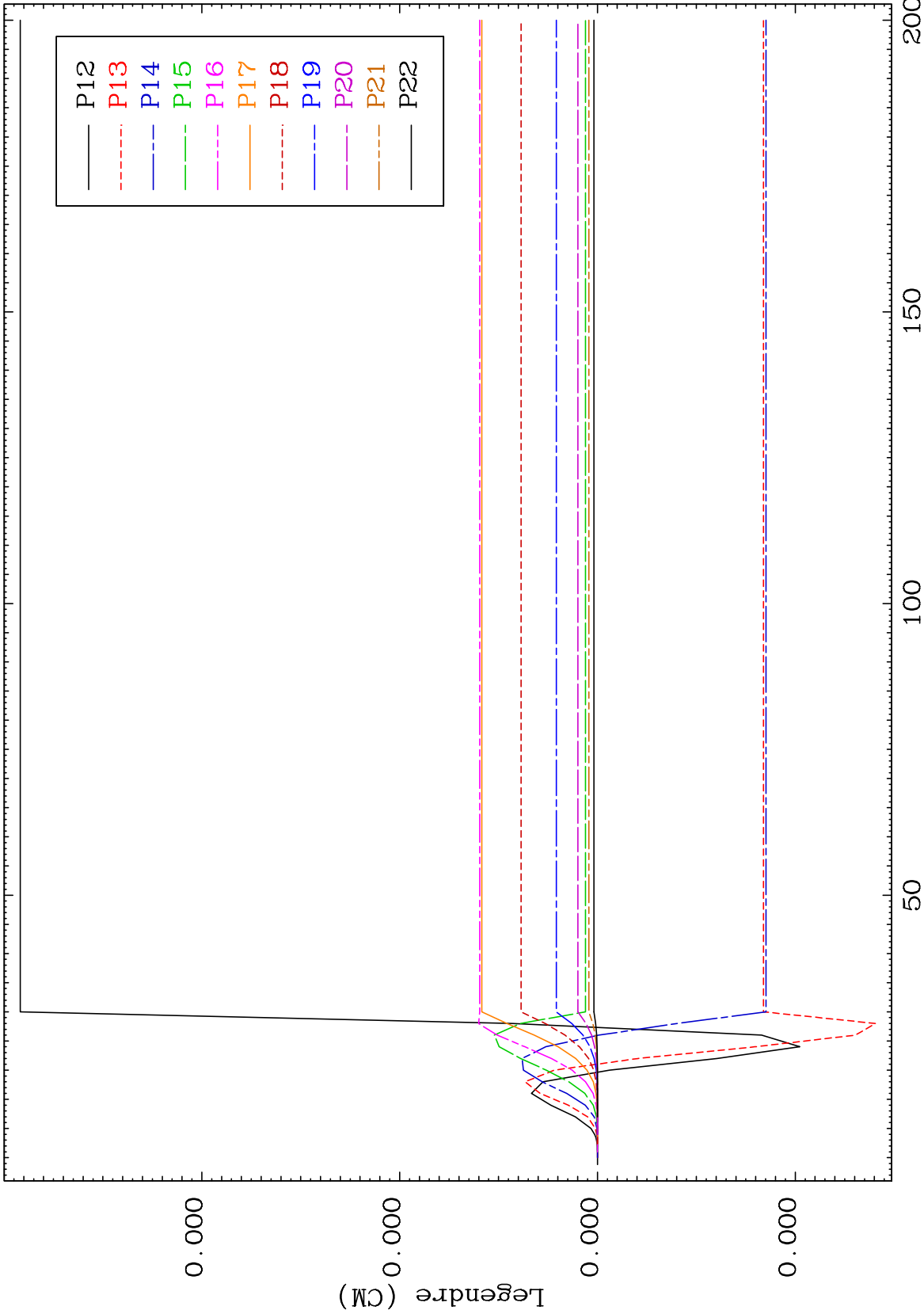
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



53

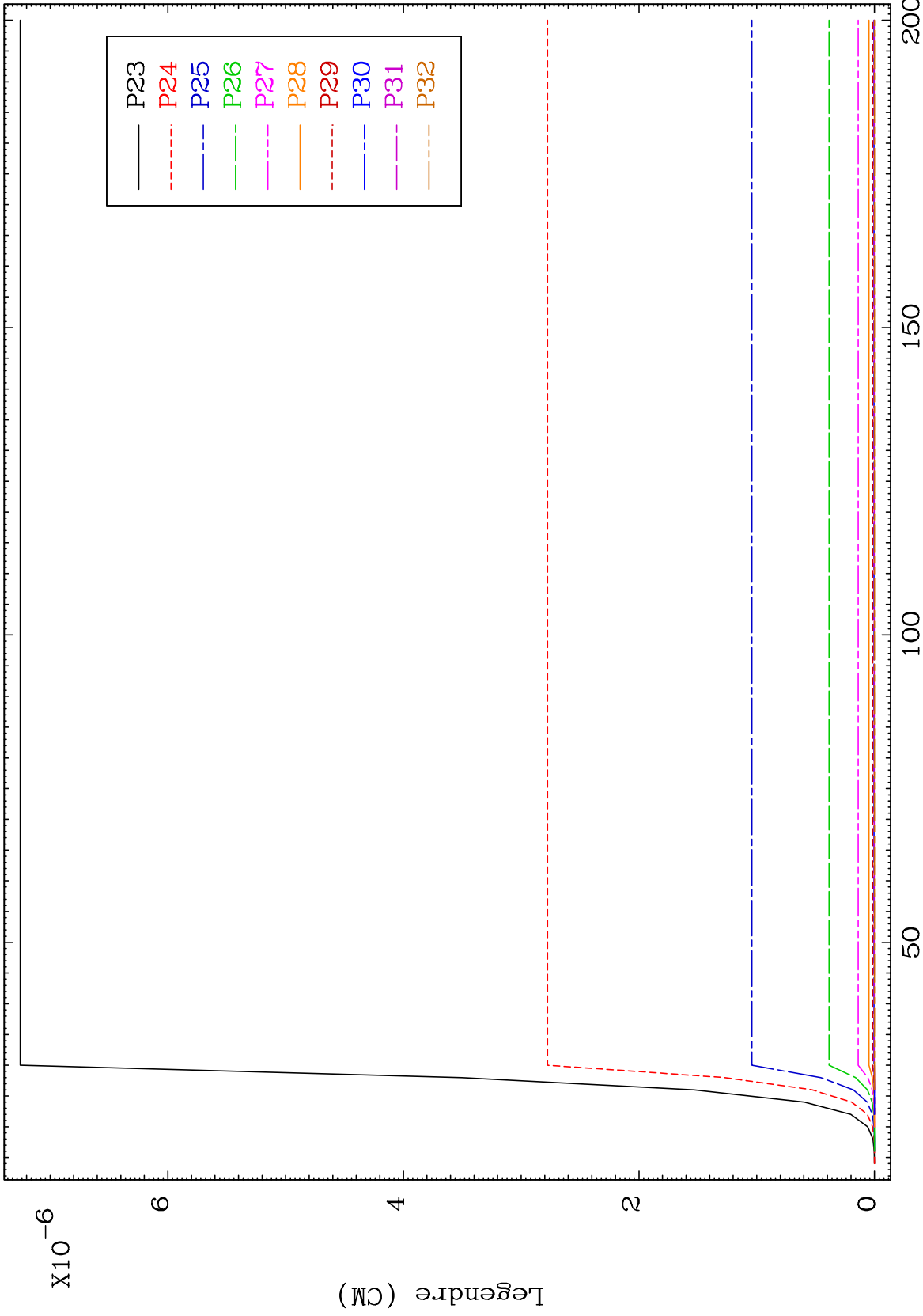
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



54

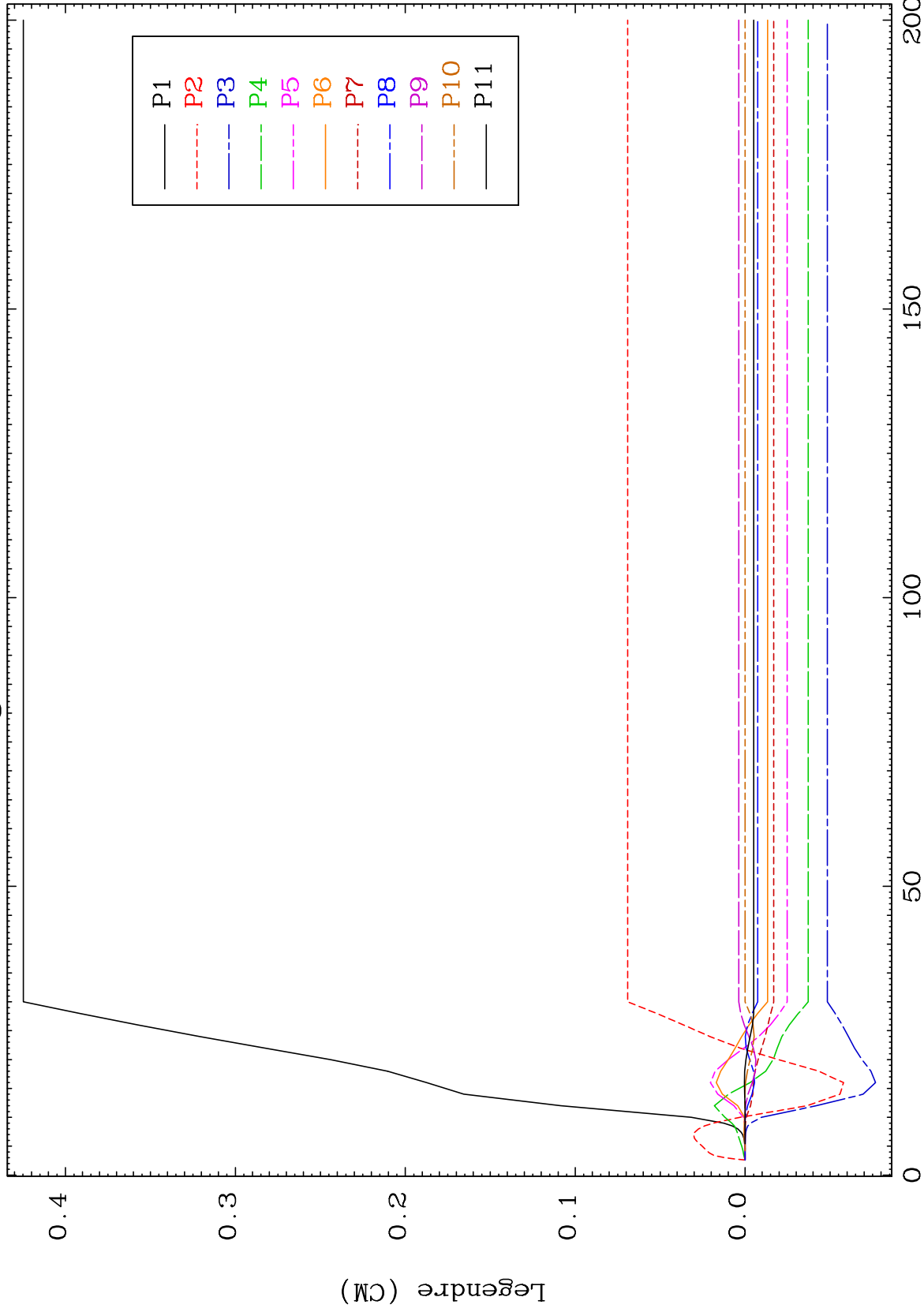
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



55

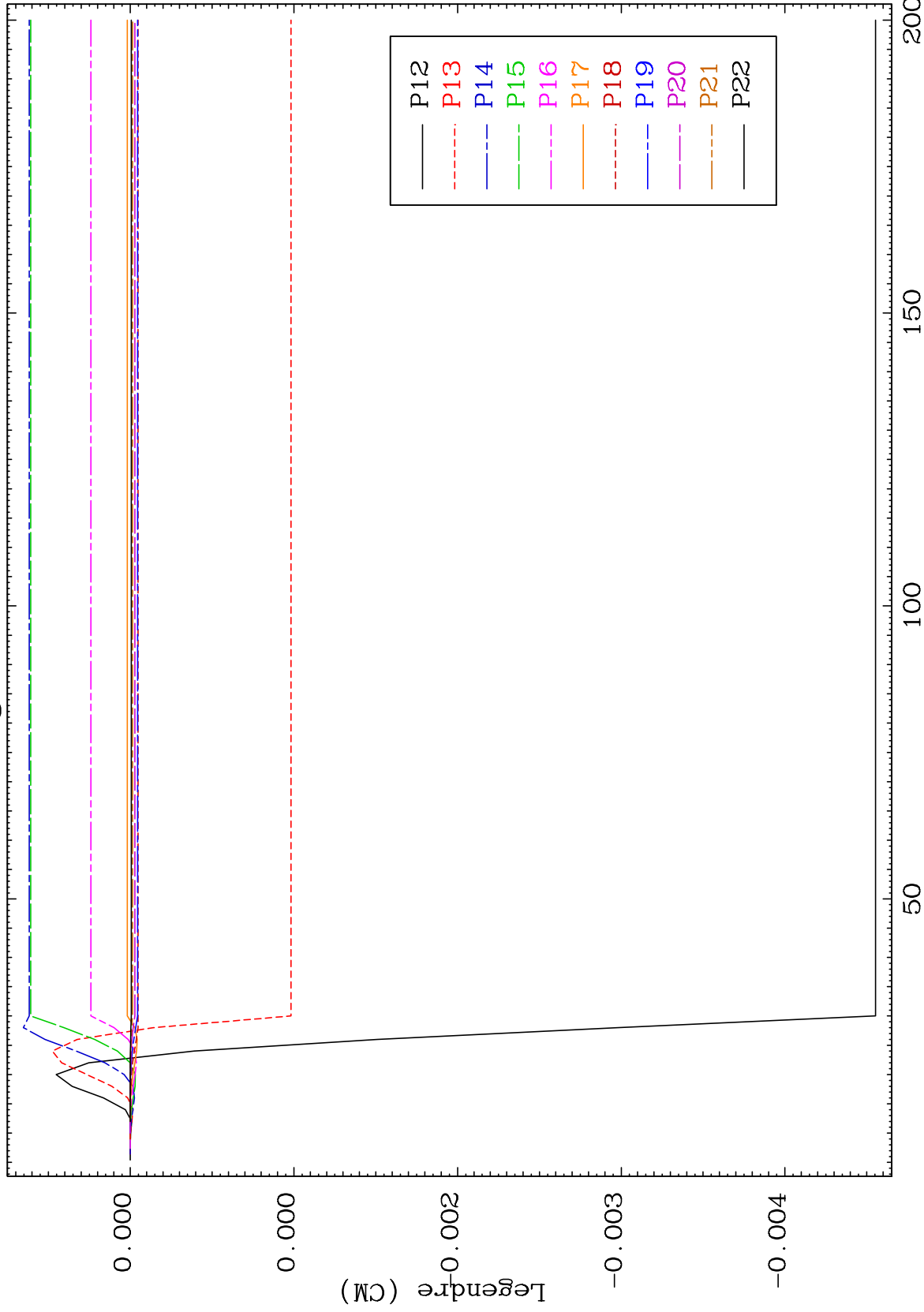
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



56

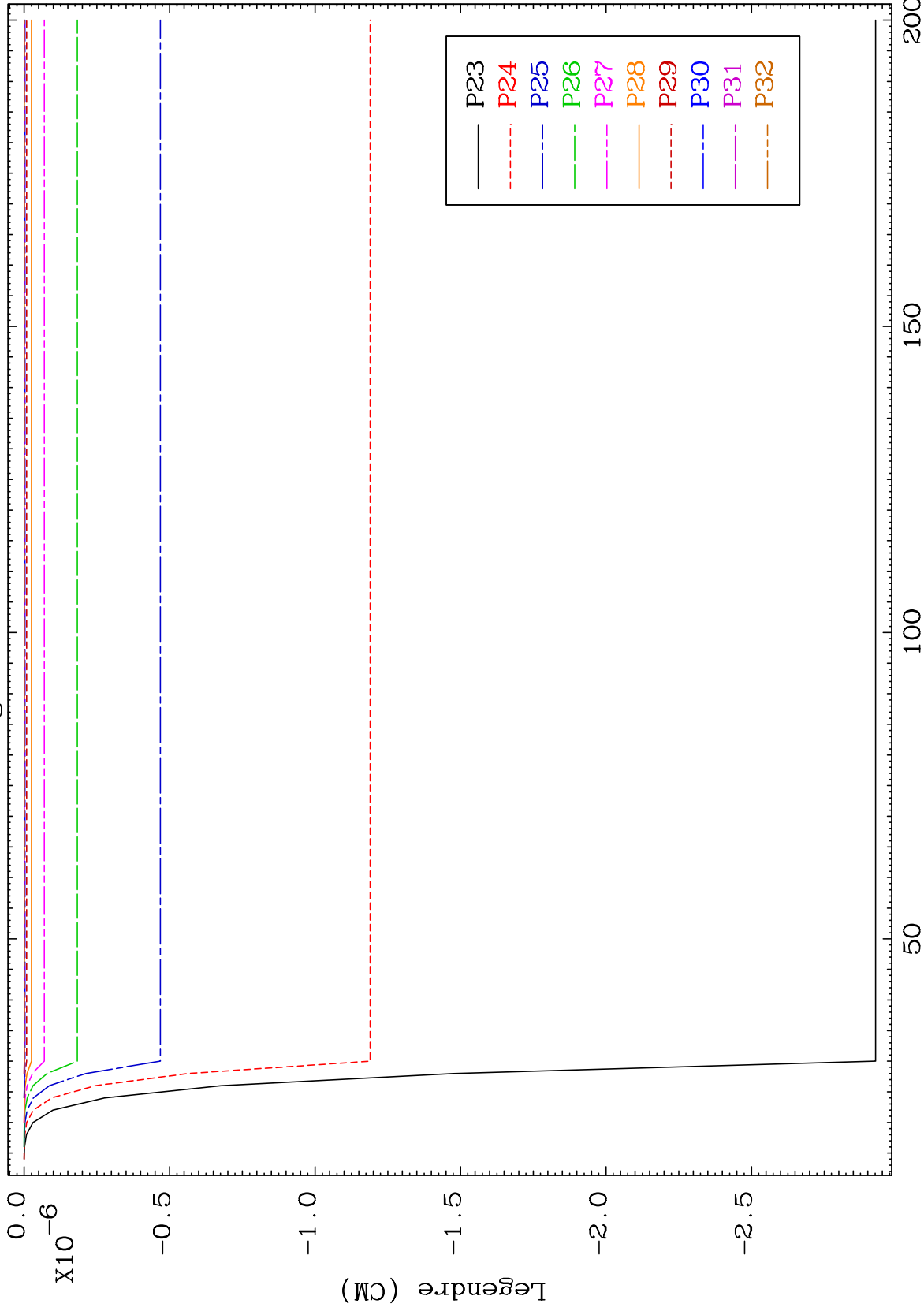
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



27-Co-65

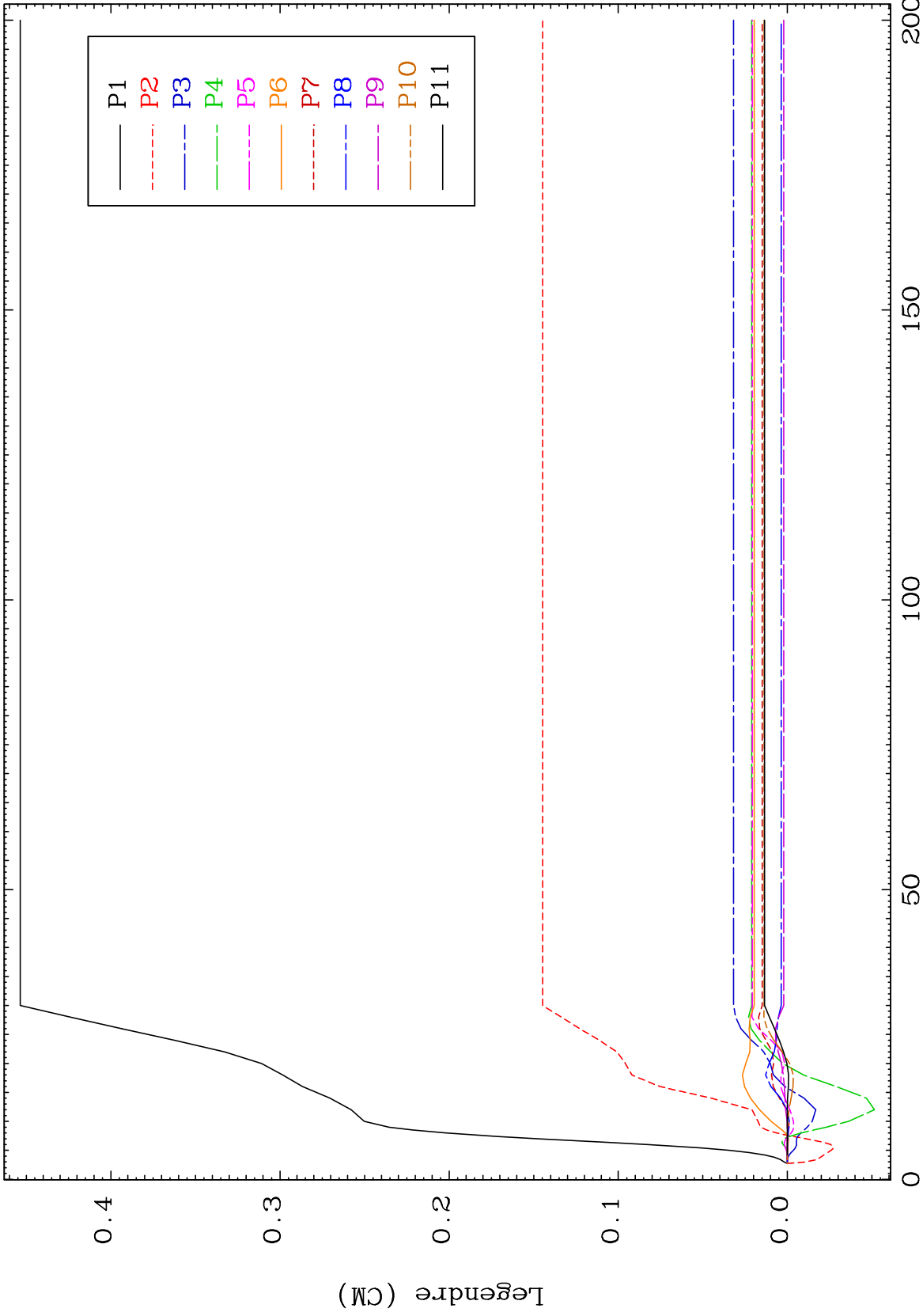
Incident Energy (MeV)

57

MAT 2743

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

27-Co-65



58

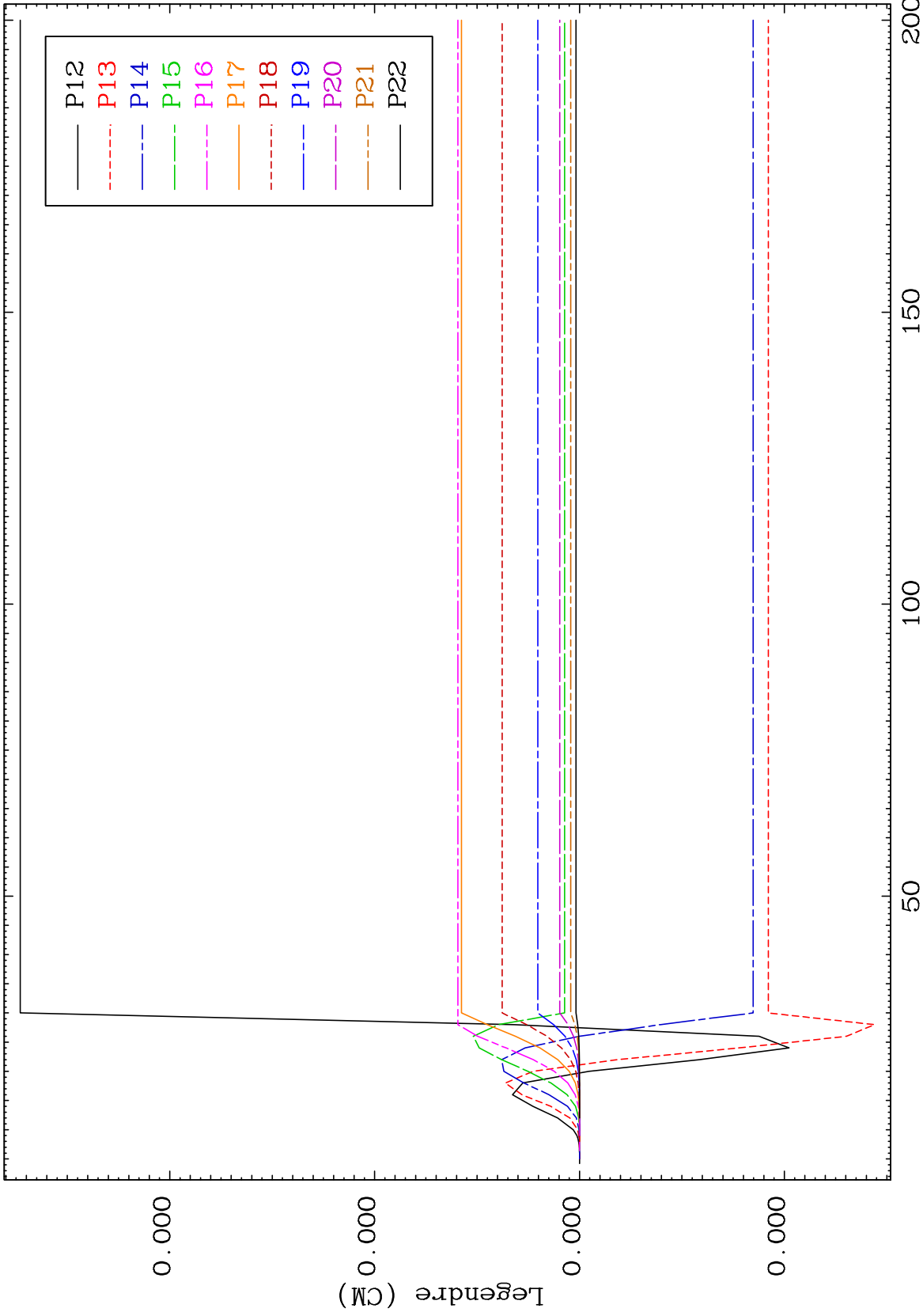
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



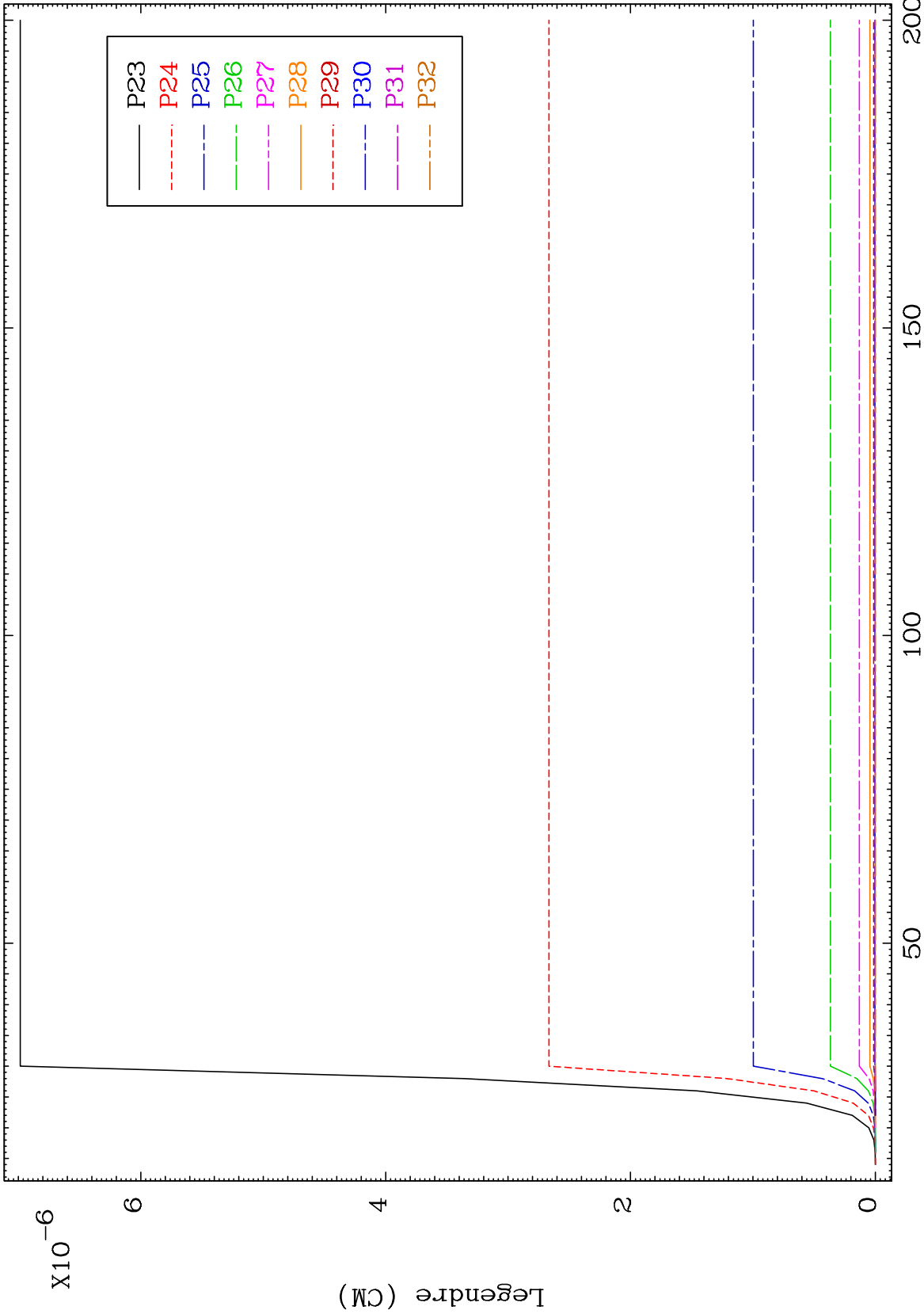
59

27-Co-65

MAT 2743

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

27-Co-65



60

50

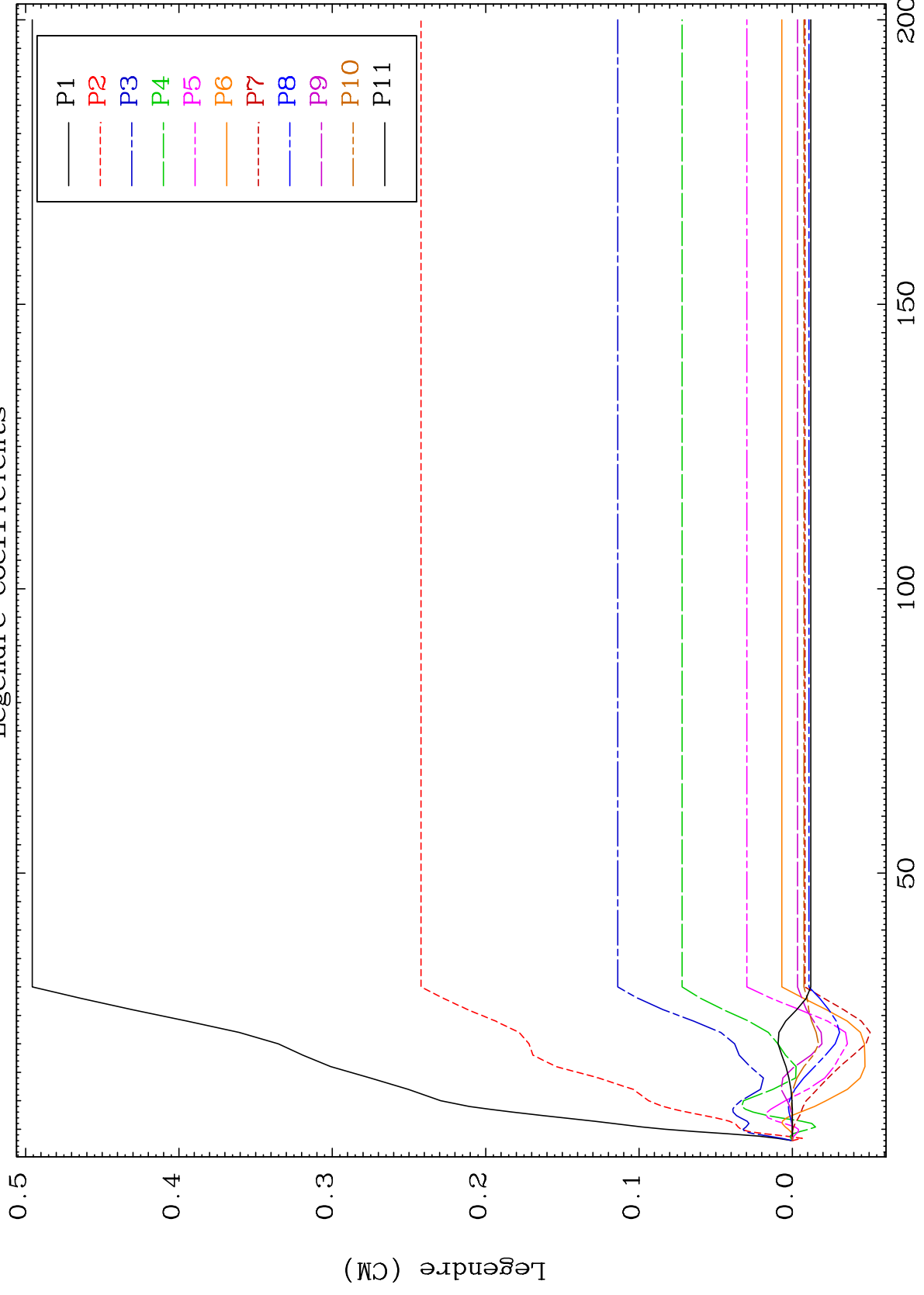
100

150

200

27-Co-65

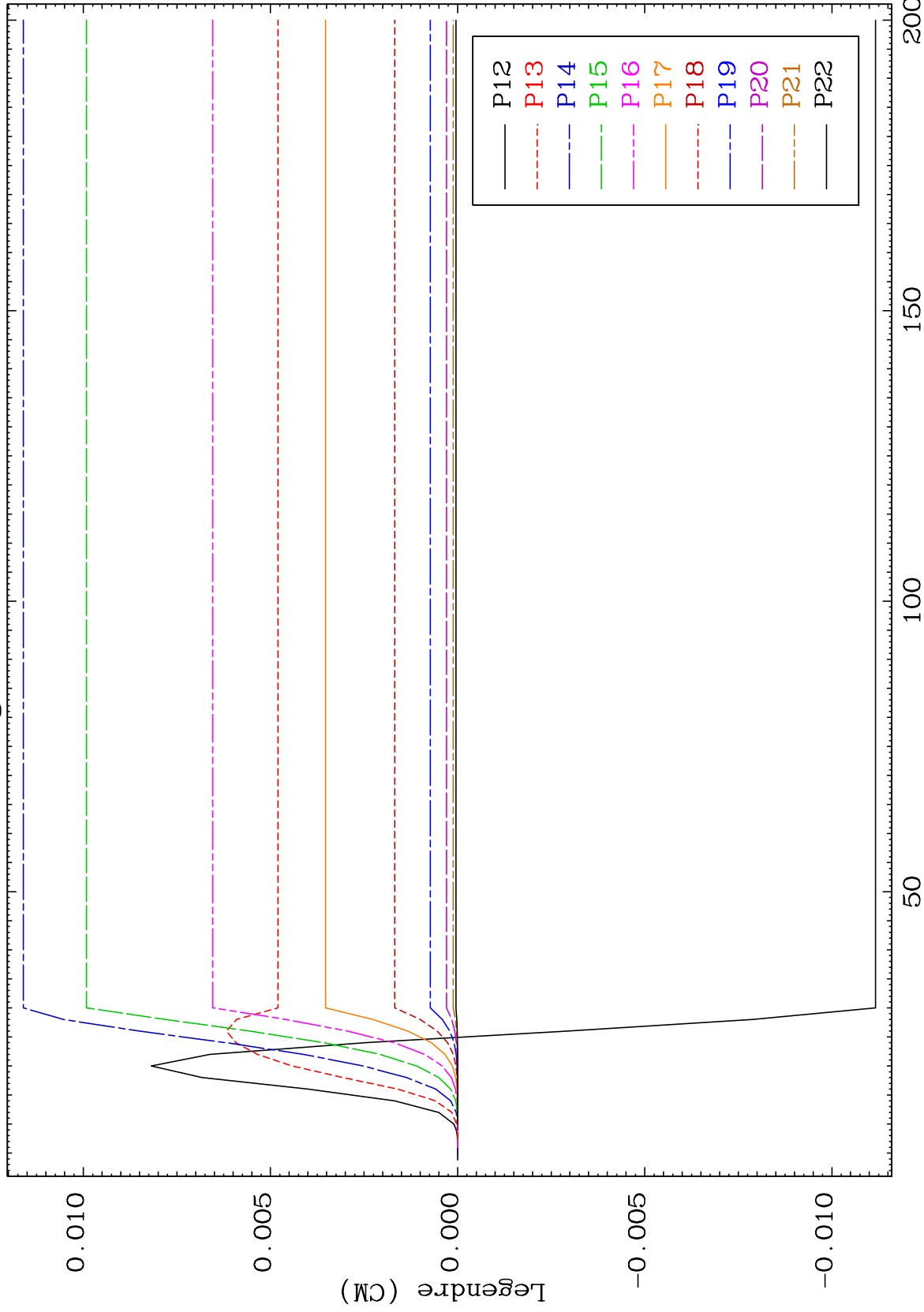
MAT 2743 MT= 65 (n,n') Level Legendre Coefficients 27-Co-65



MAT 2743

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

27-Co-65



62

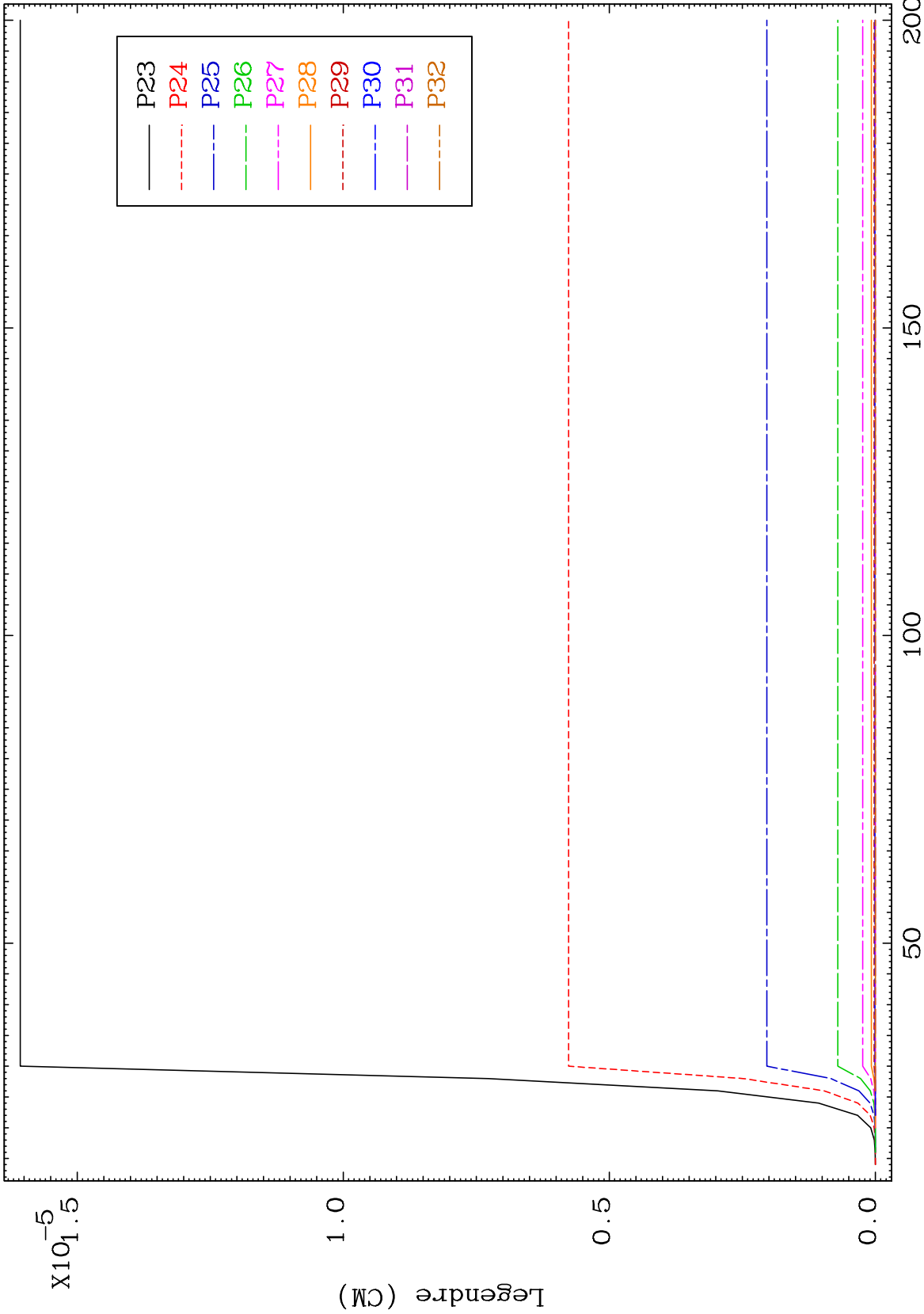
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



63

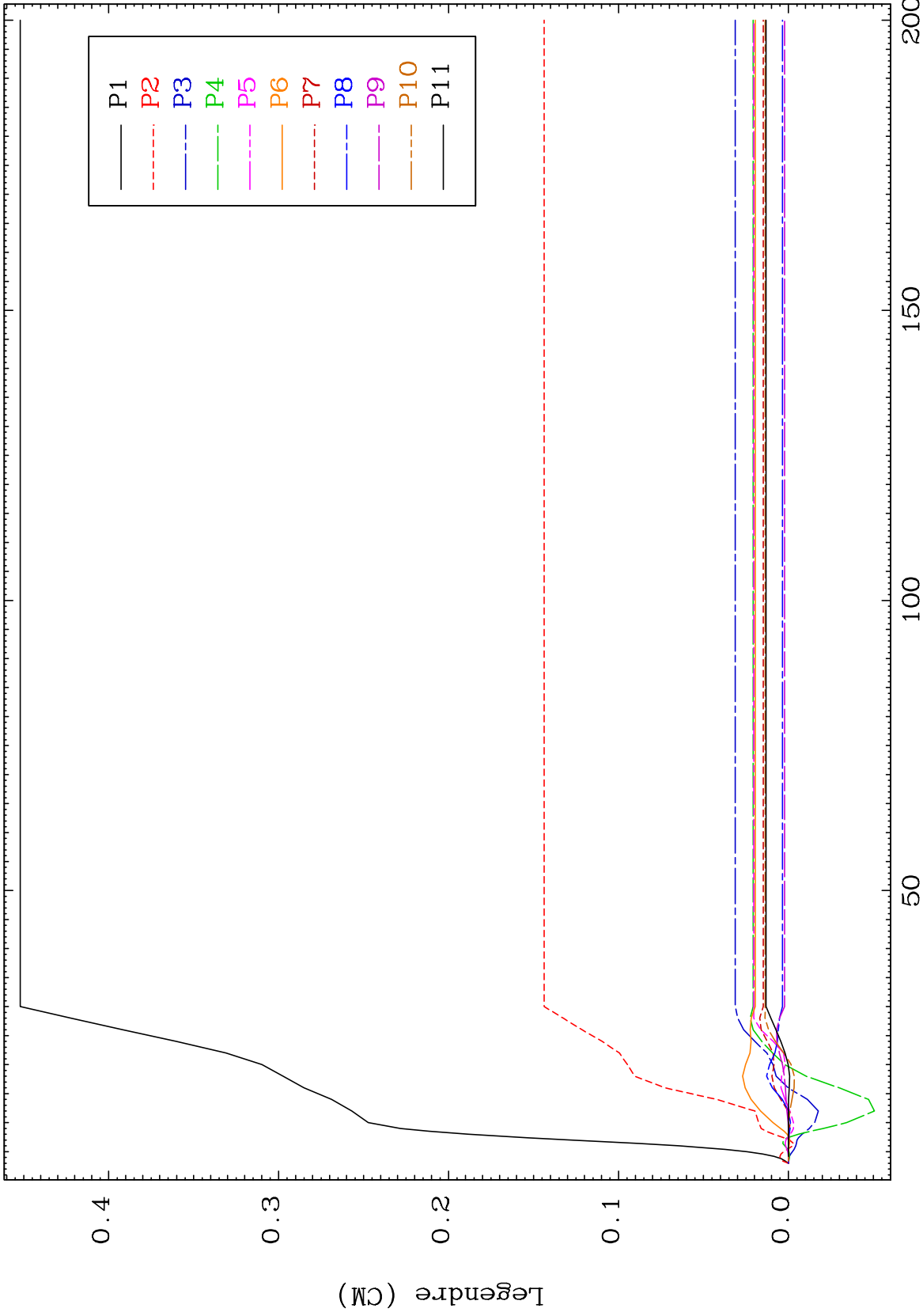
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



64

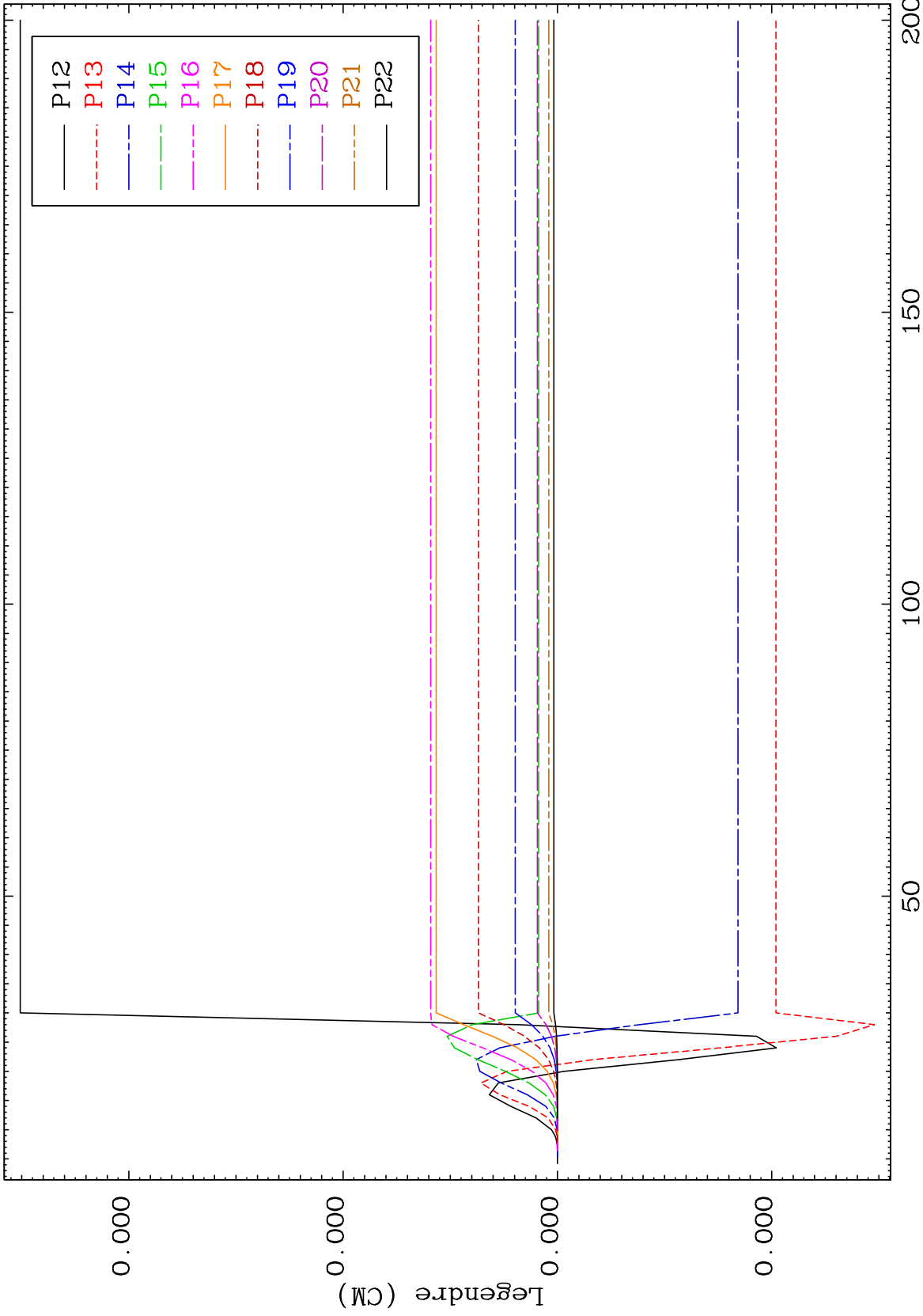
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



65

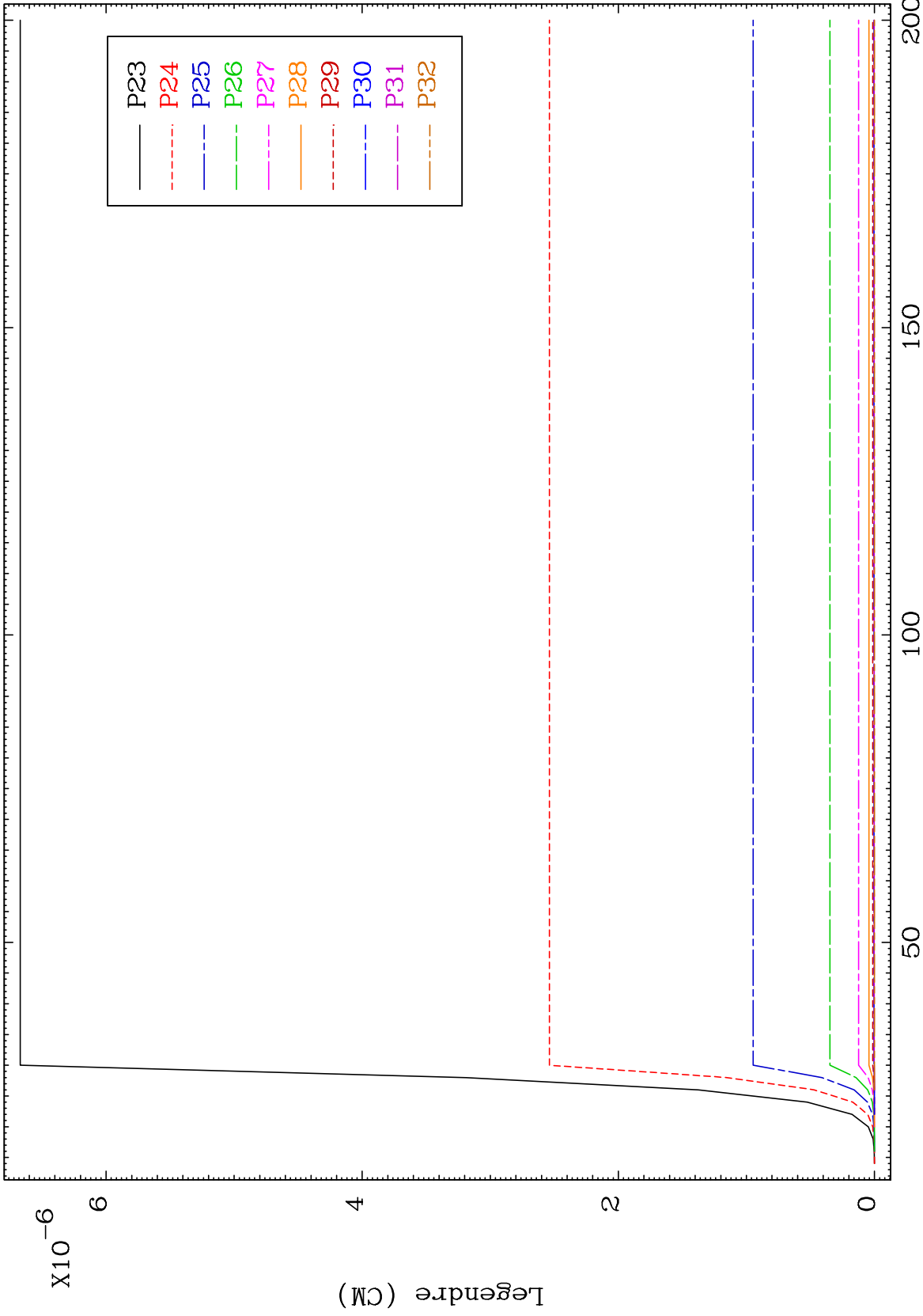
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



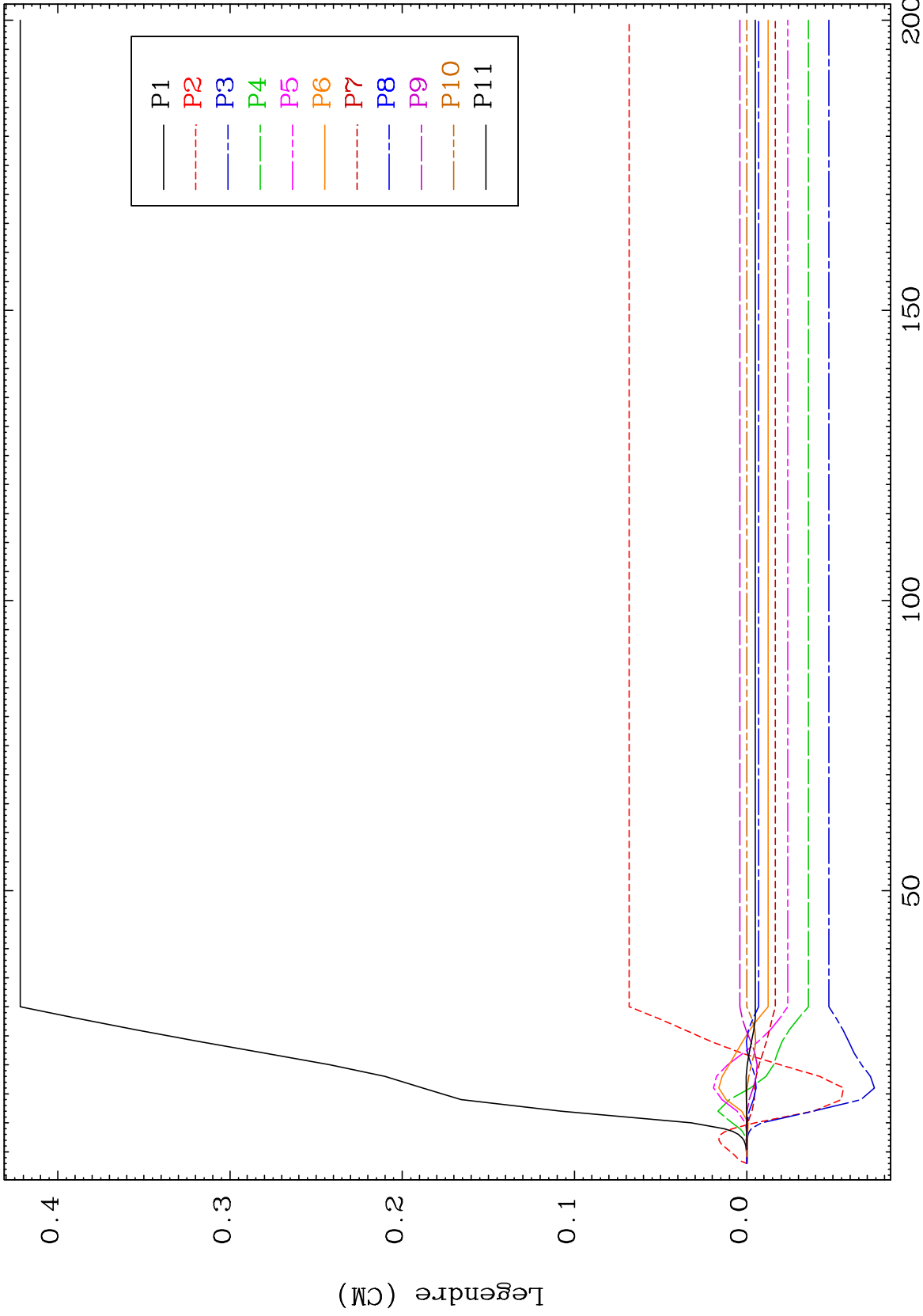
66

27-Co-65

MAT 2743

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

27-Co-65



67

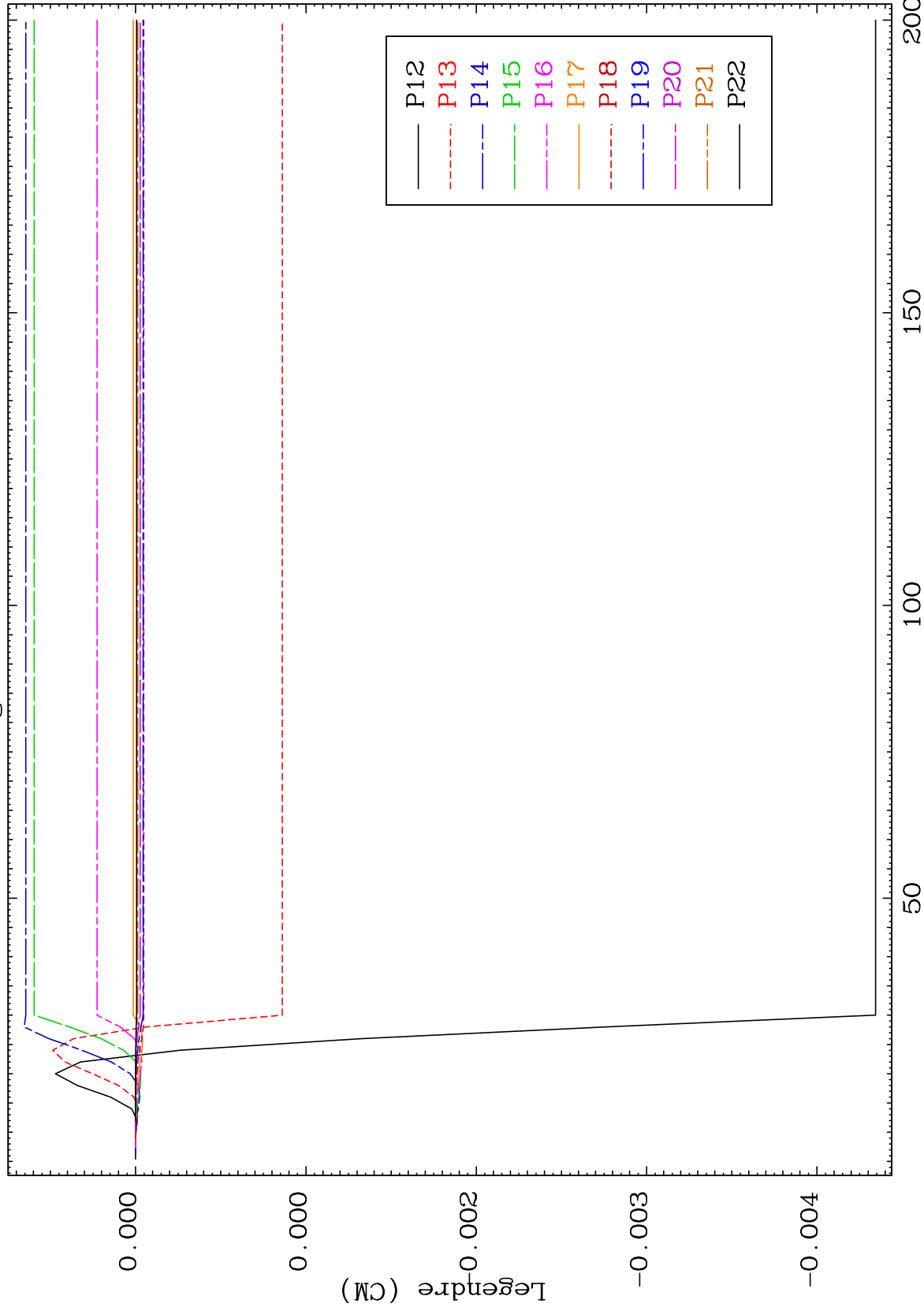
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



68

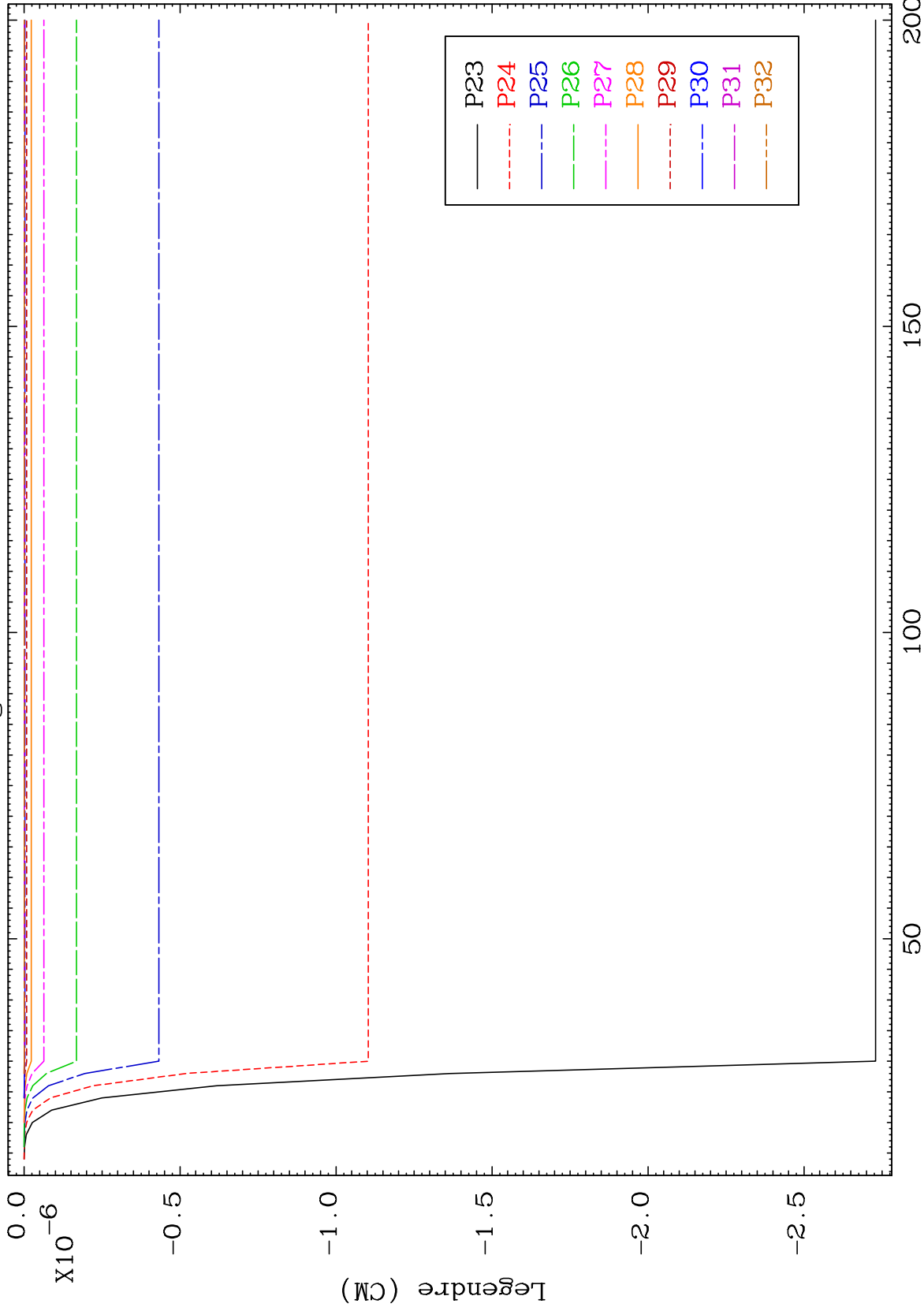
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



69

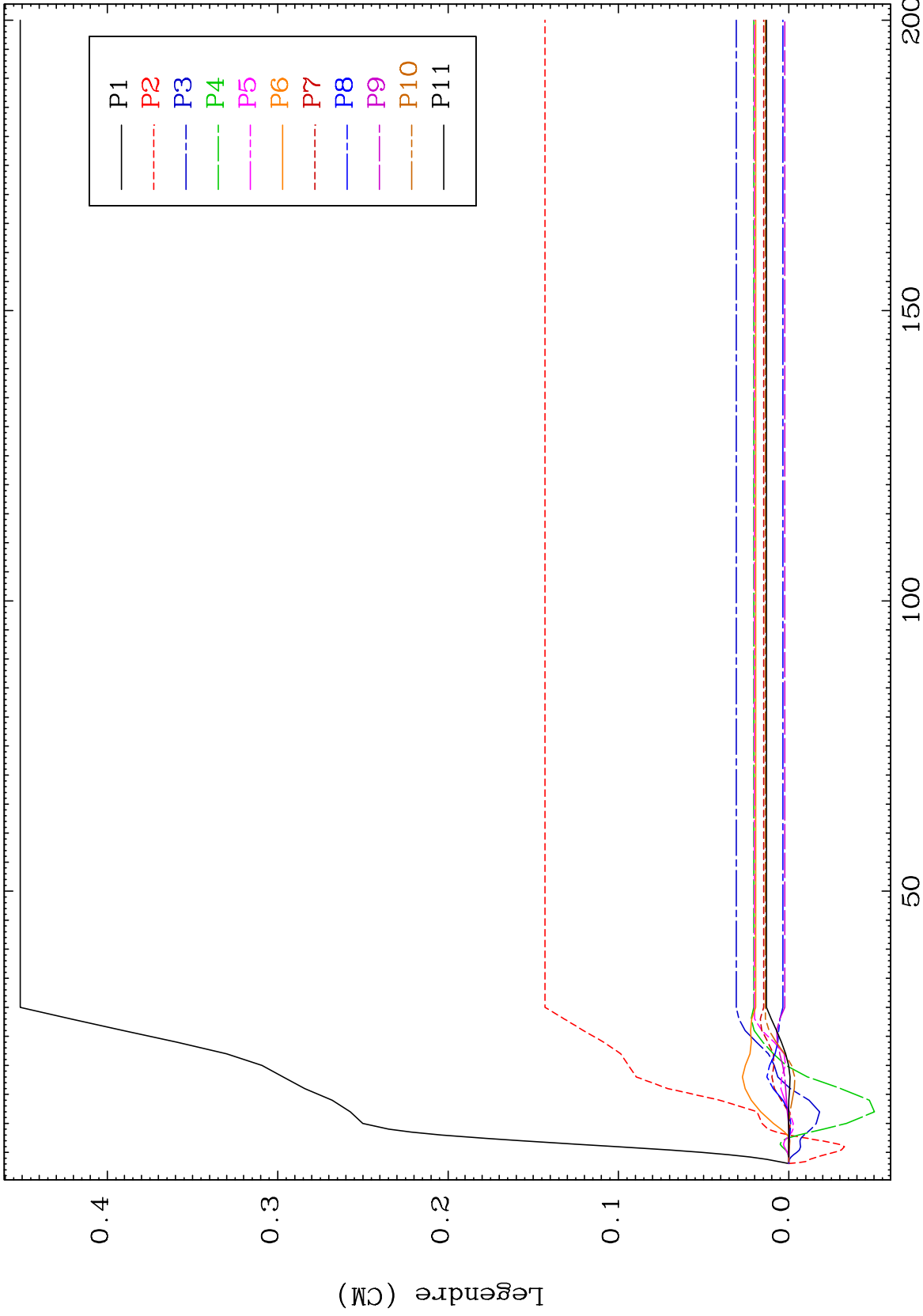
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



70

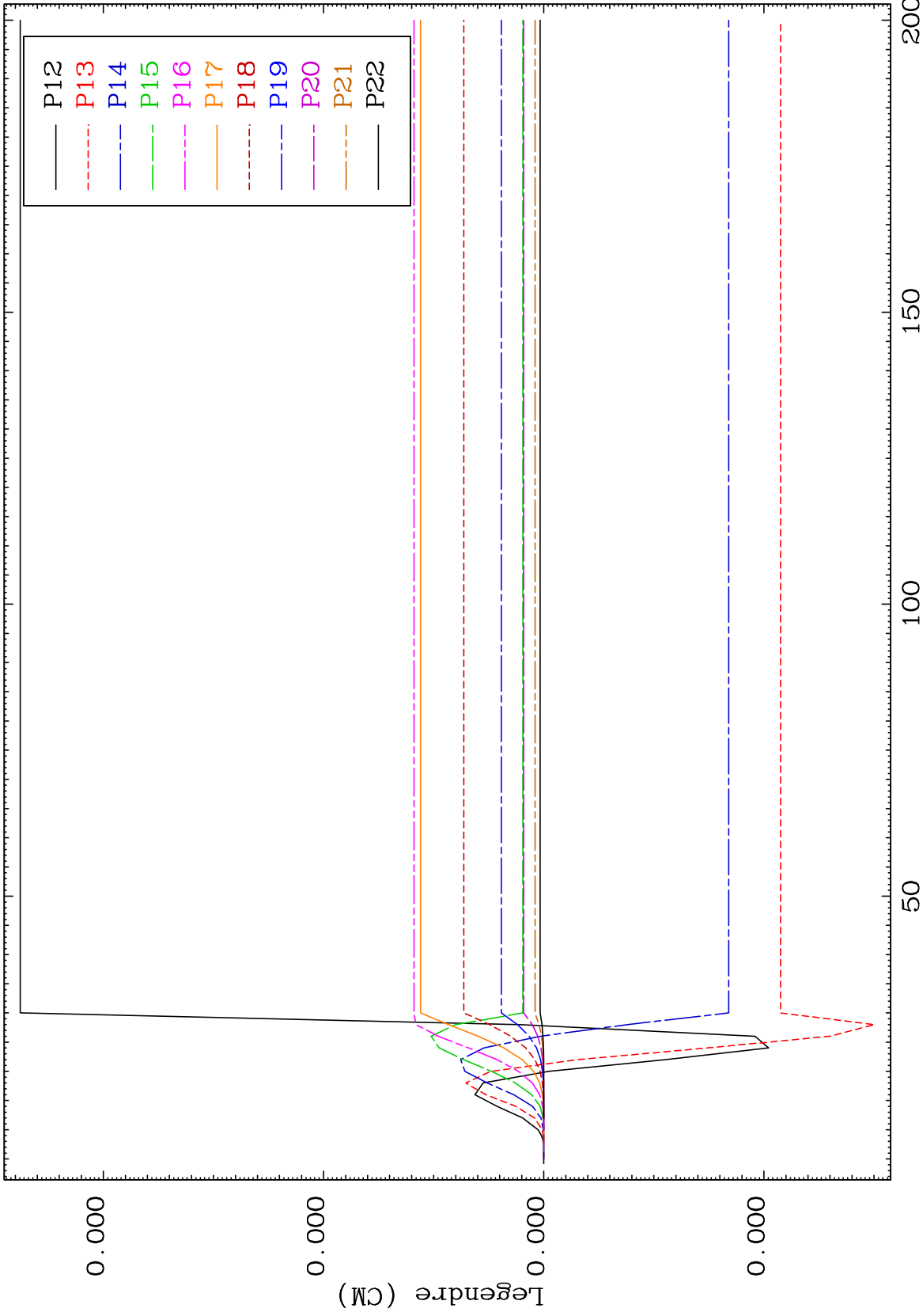
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



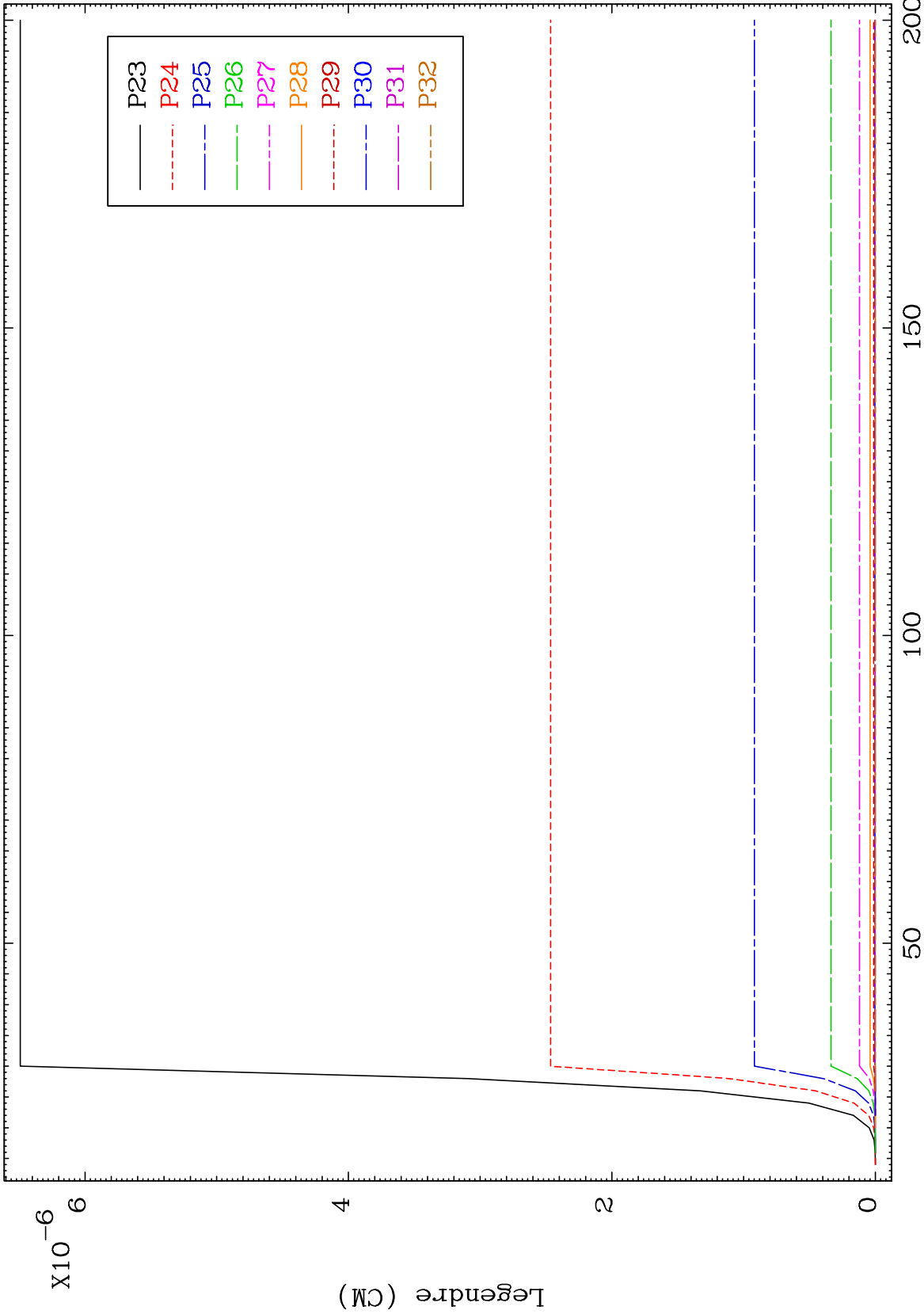
71

27-Co-65

MAT 2743

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

27-Co-65



72

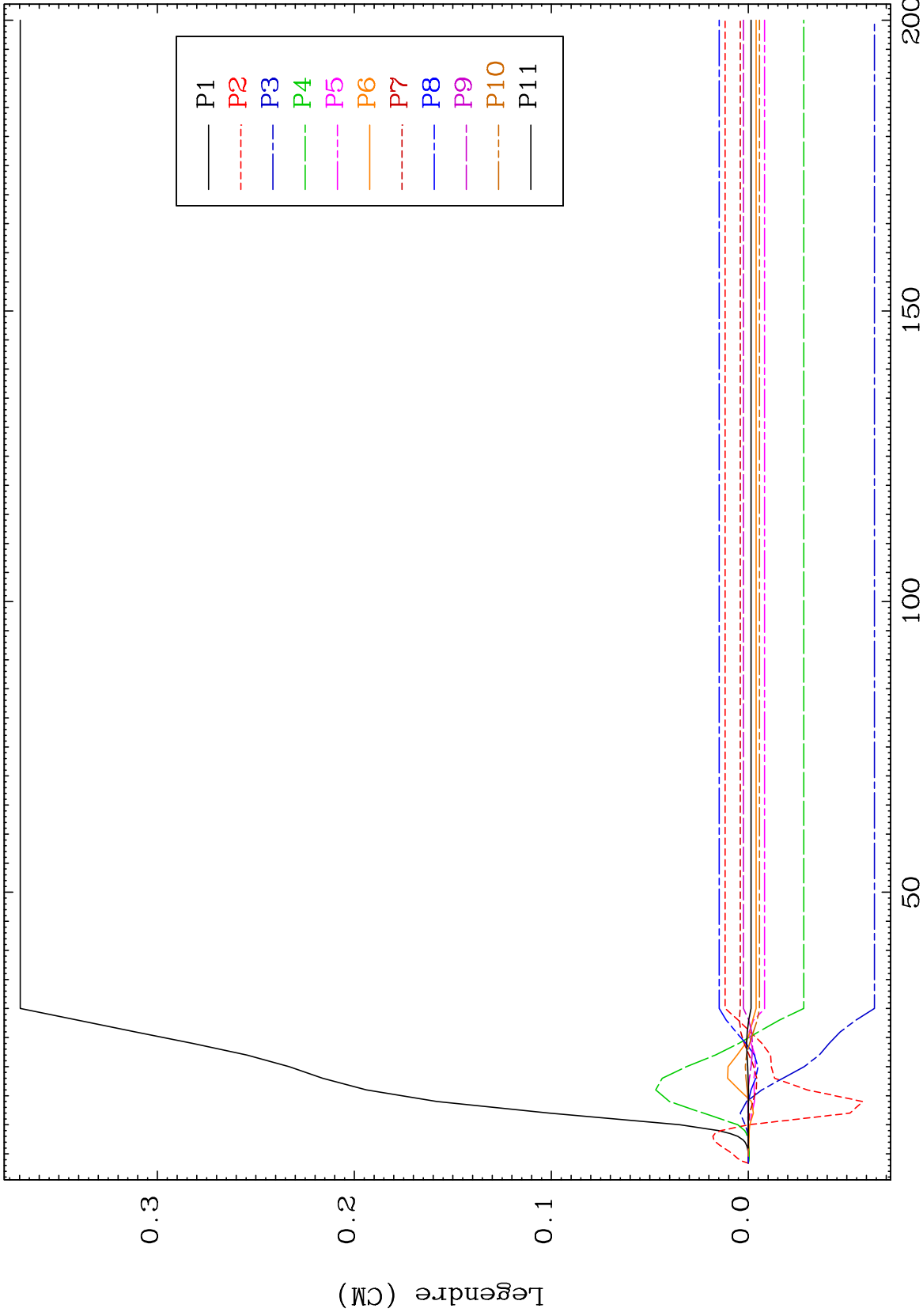
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



73

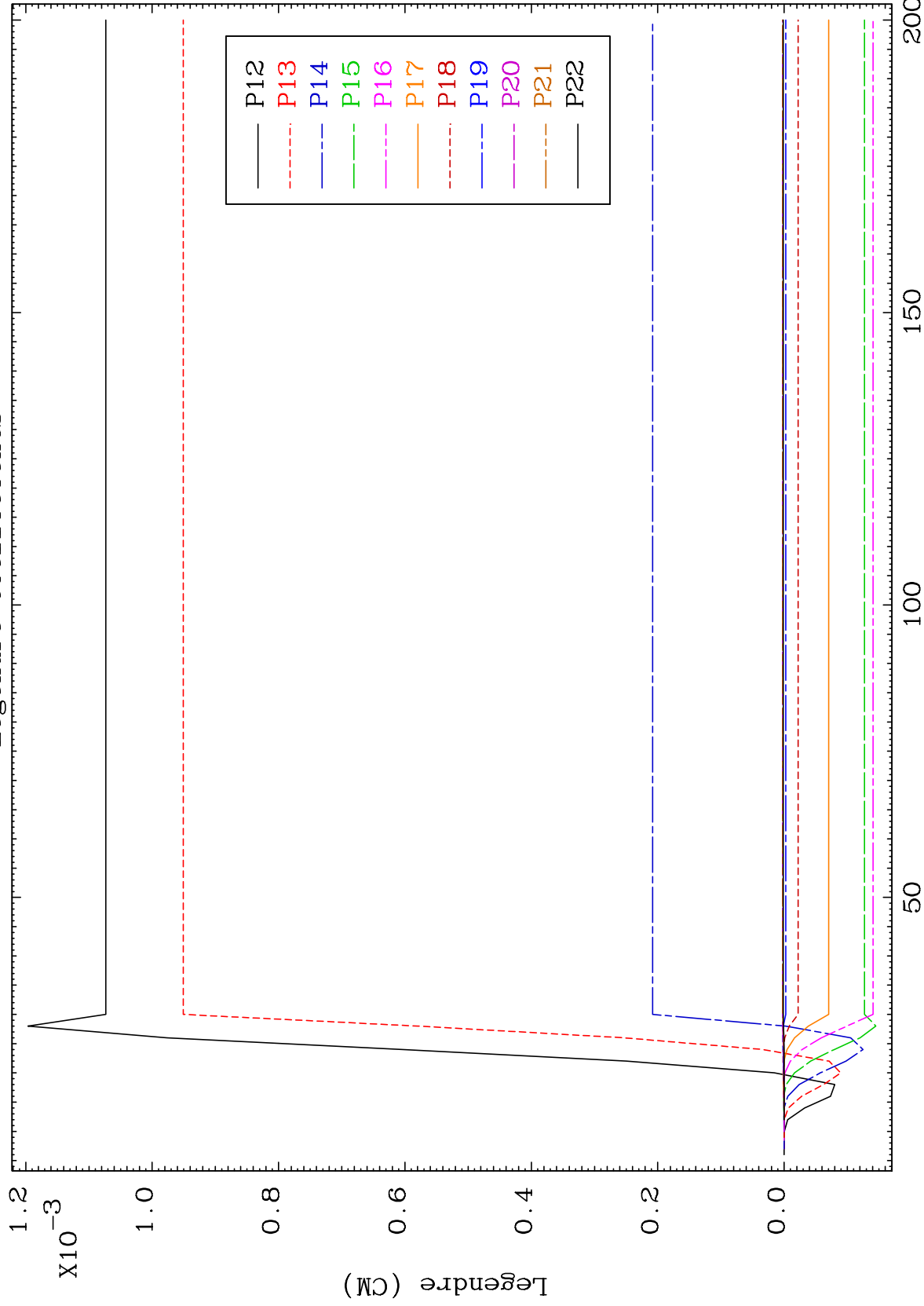
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



74

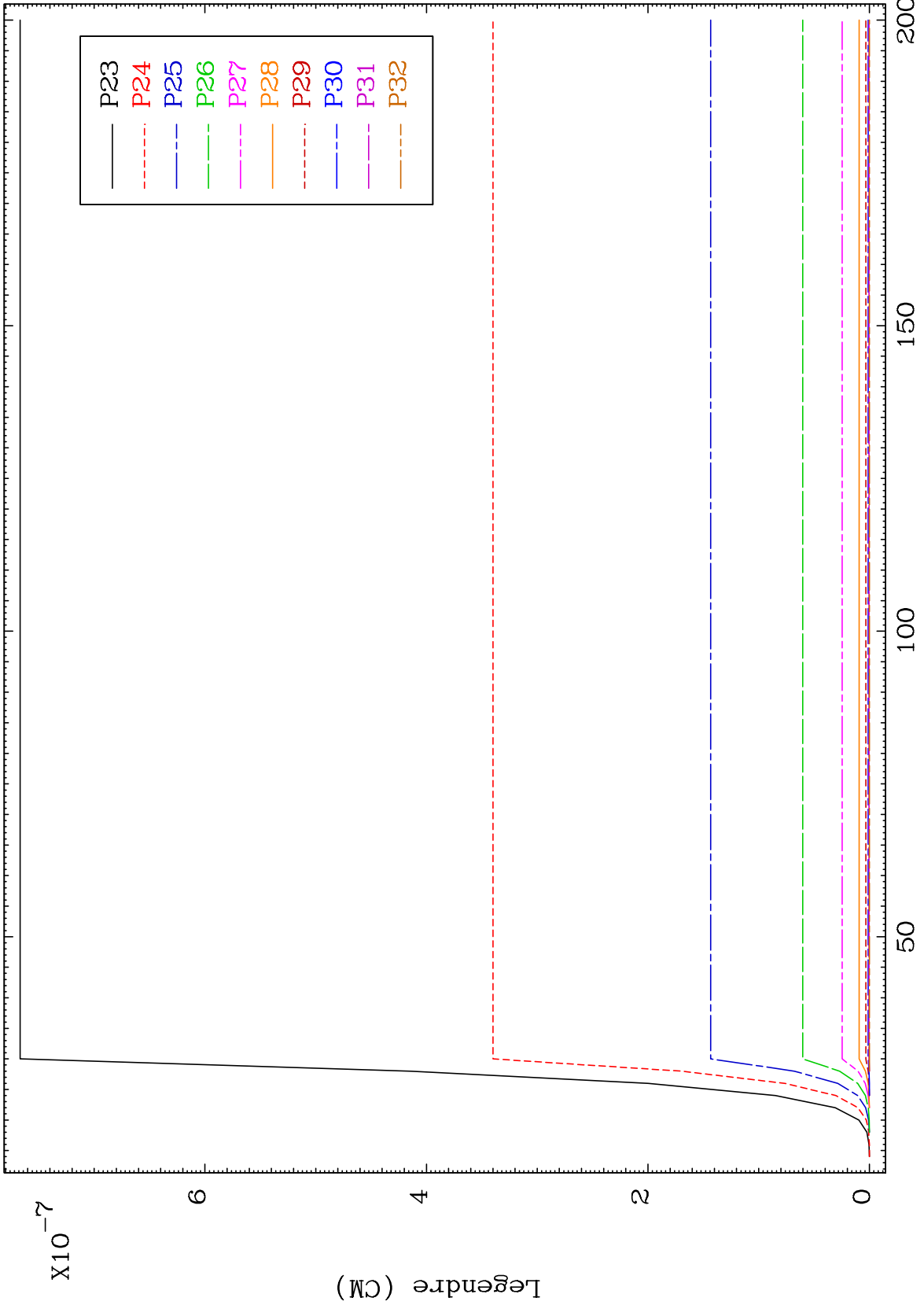
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65

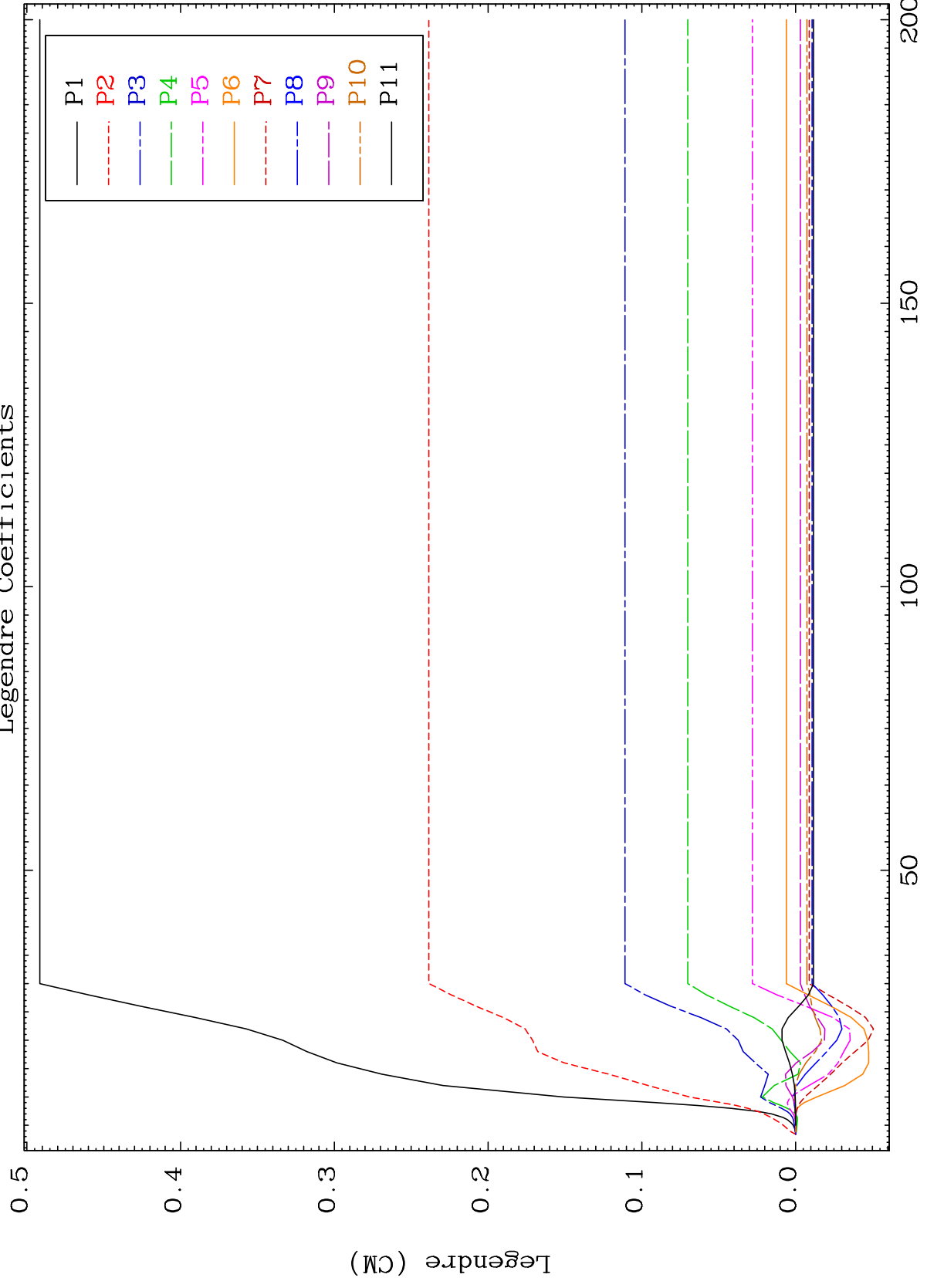


75

Incident Energy (MeV)

27-Co-65

MAT 2743 MT= 70 (n,n') Level Legendre Coefficients 27-Co-65

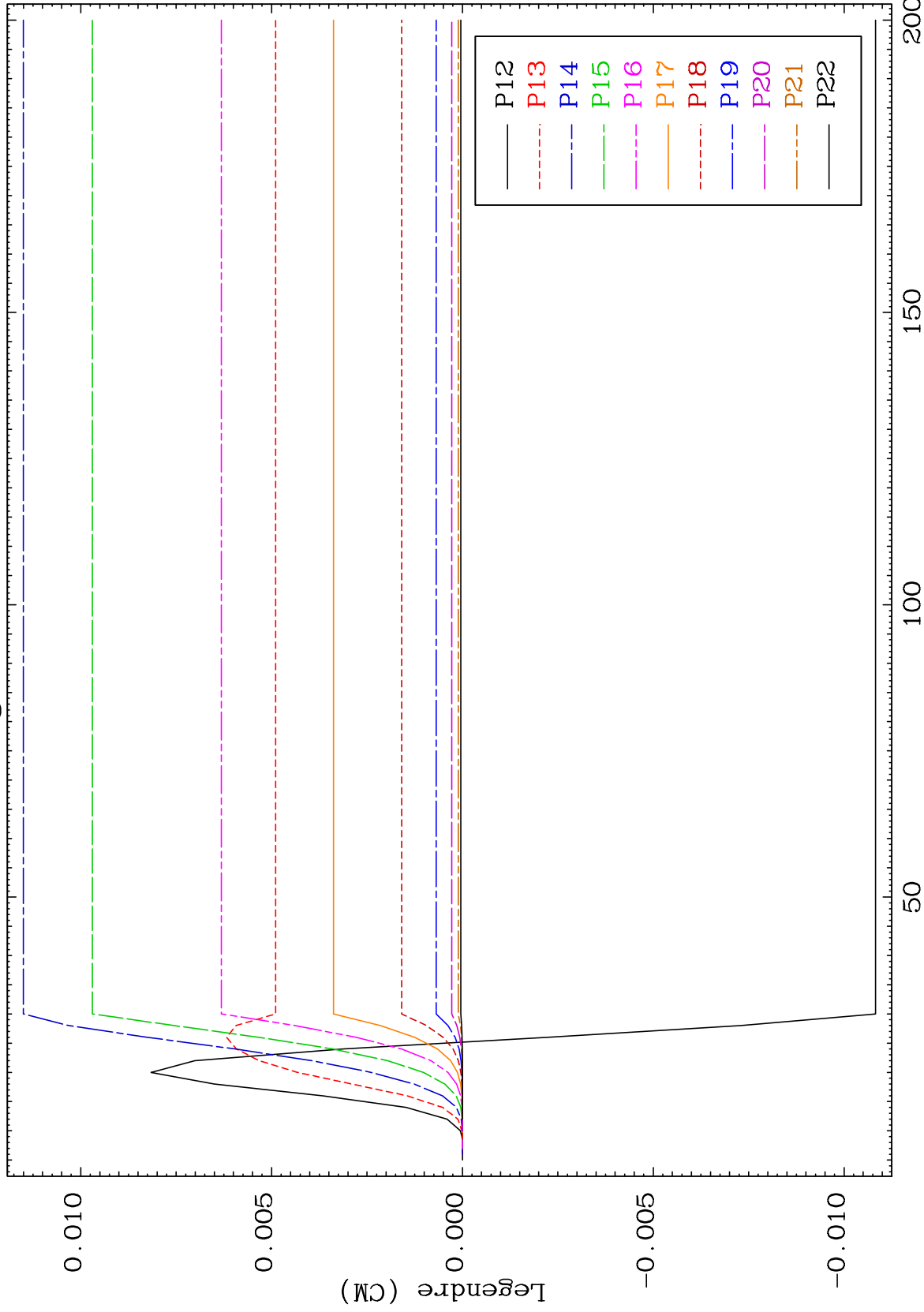


76 200 27-Co-65

MAT 2743

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

27-Co-65



77

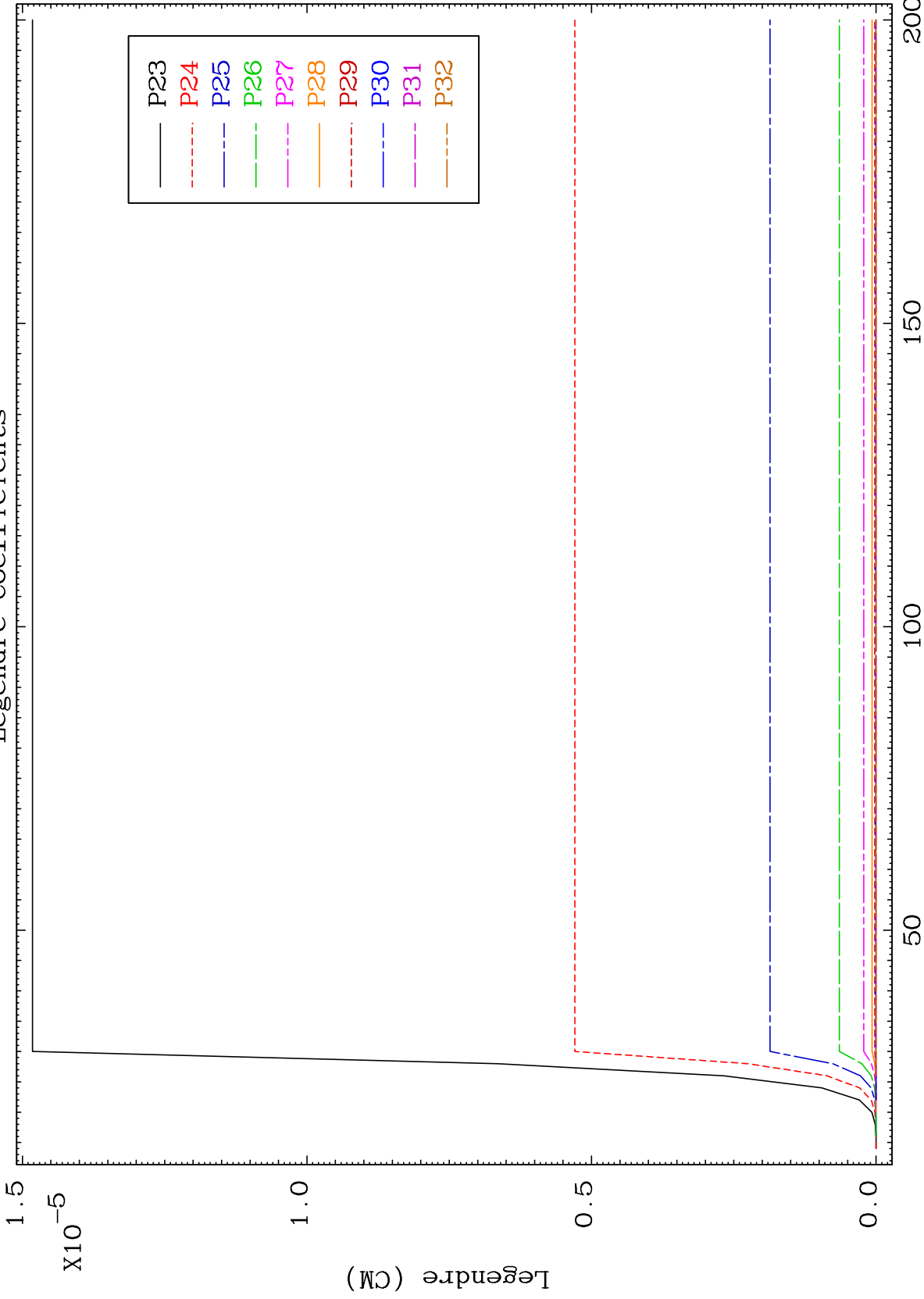
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



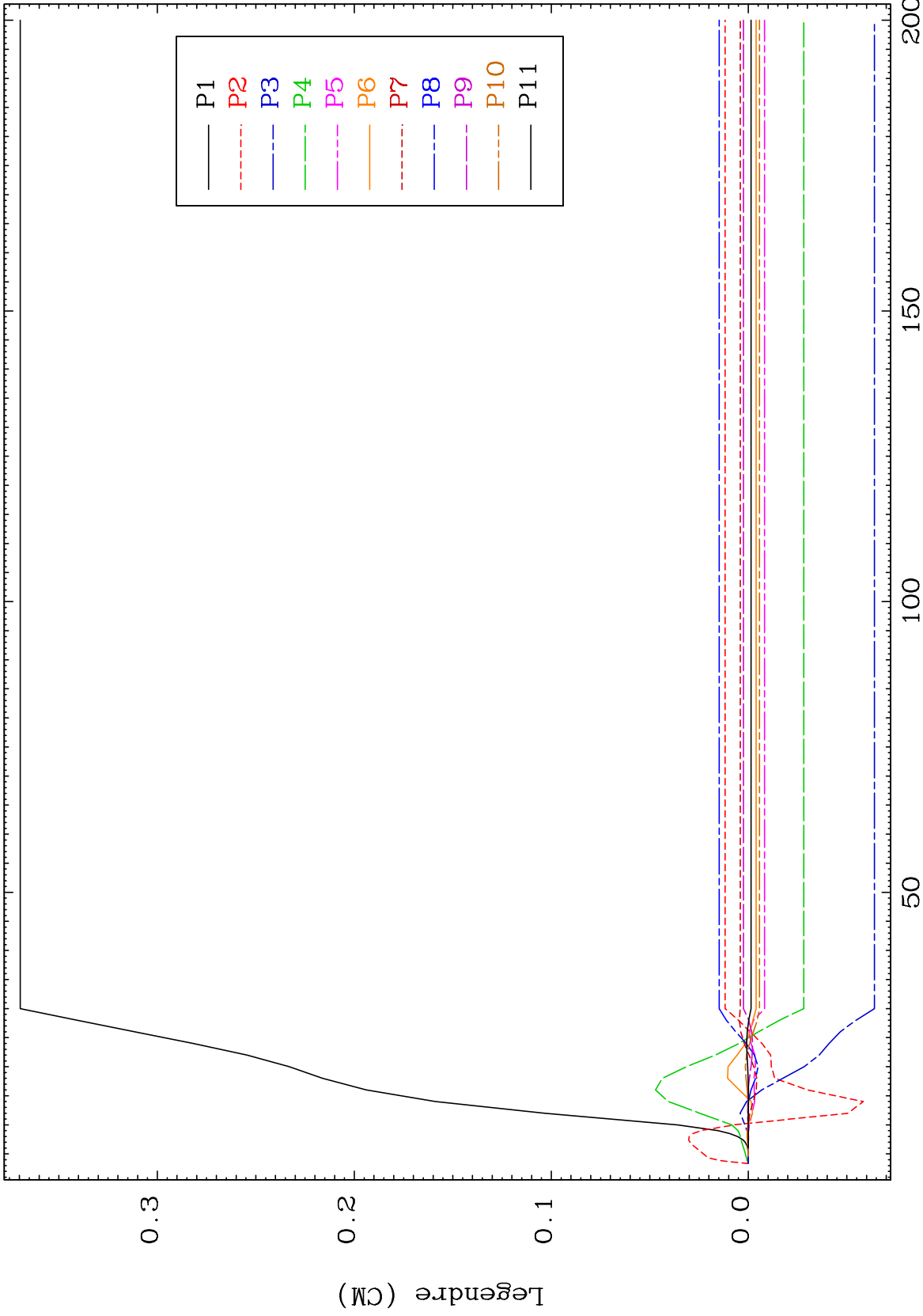
78

27-Co-65

MAT 2743

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

27-Co-65

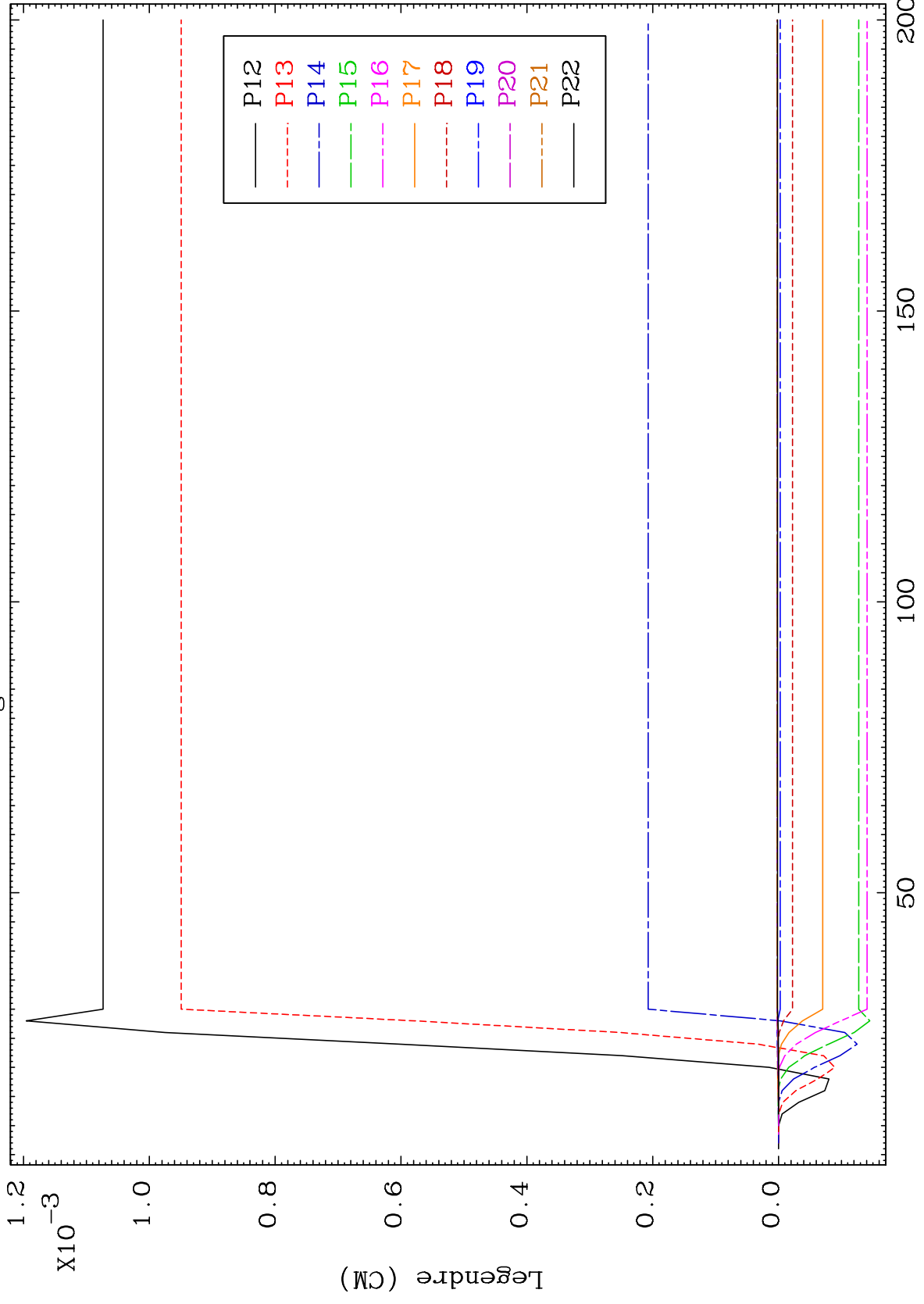


79

Incident Energy (MeV)

27-Co-65

MAT 2743 MT= 71 (n,n') Level Legendre Coefficients 27-Co-65

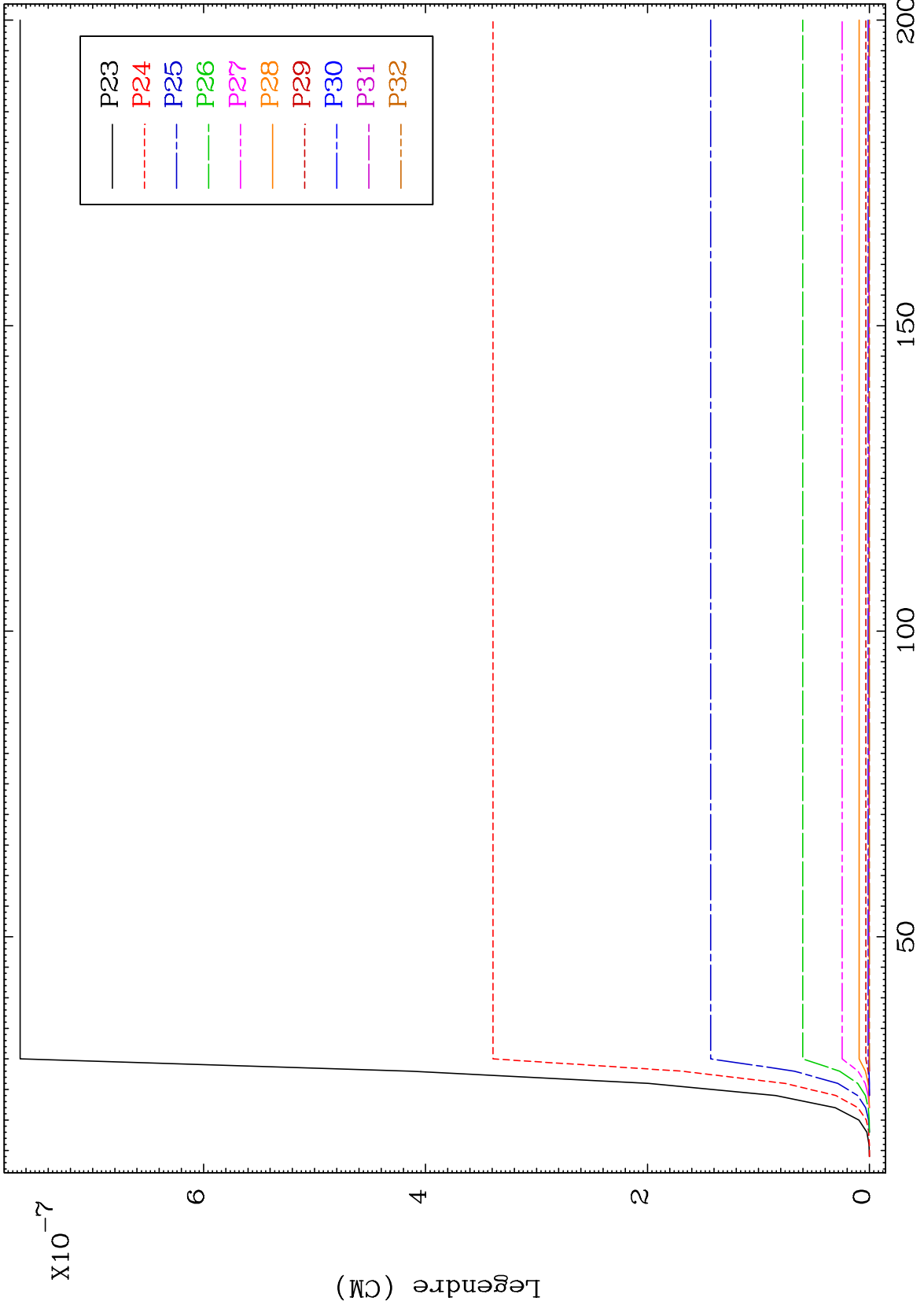


80 150 200 27-Co-65

MAT 2743

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

27-Co-65



81

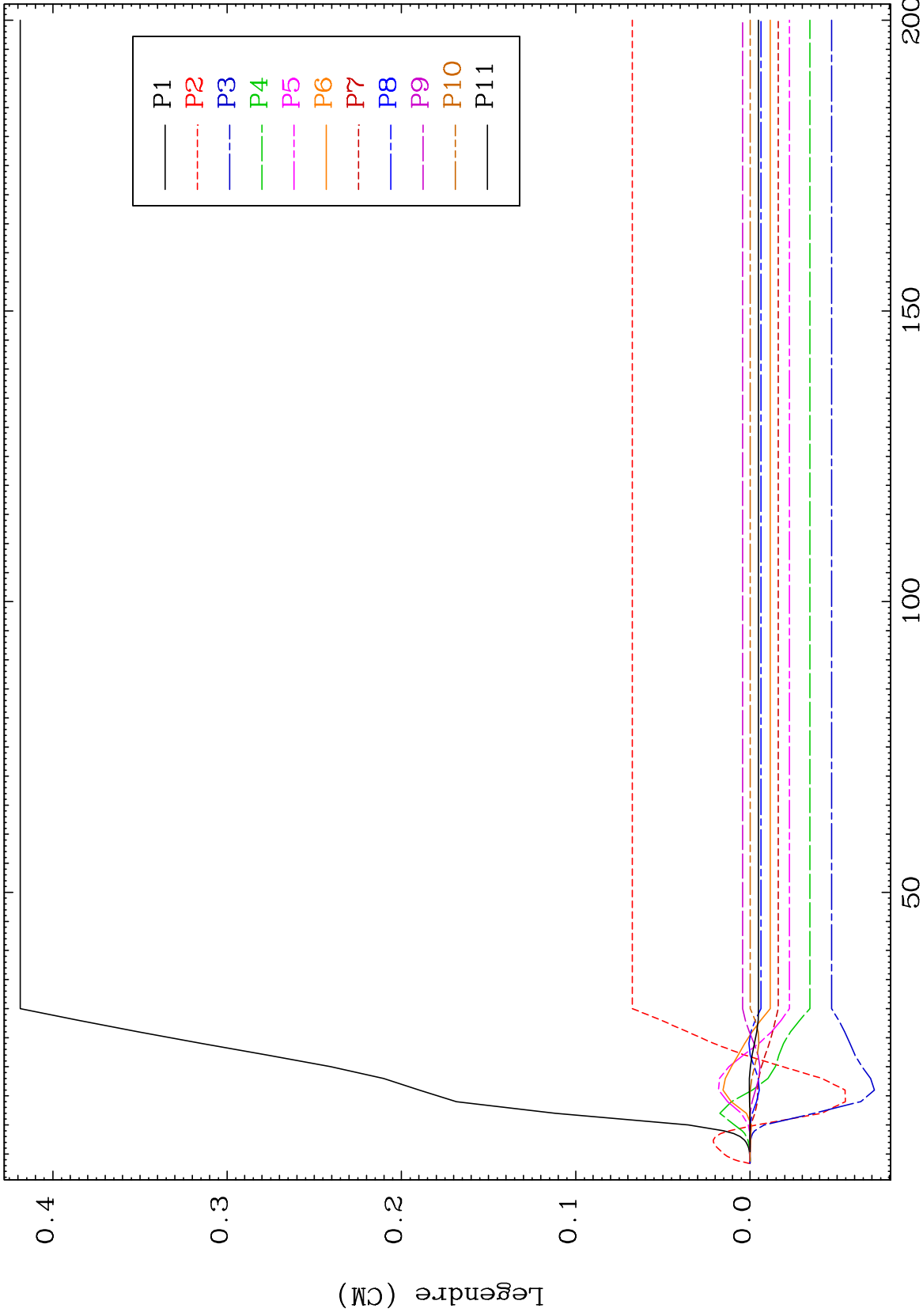
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



82

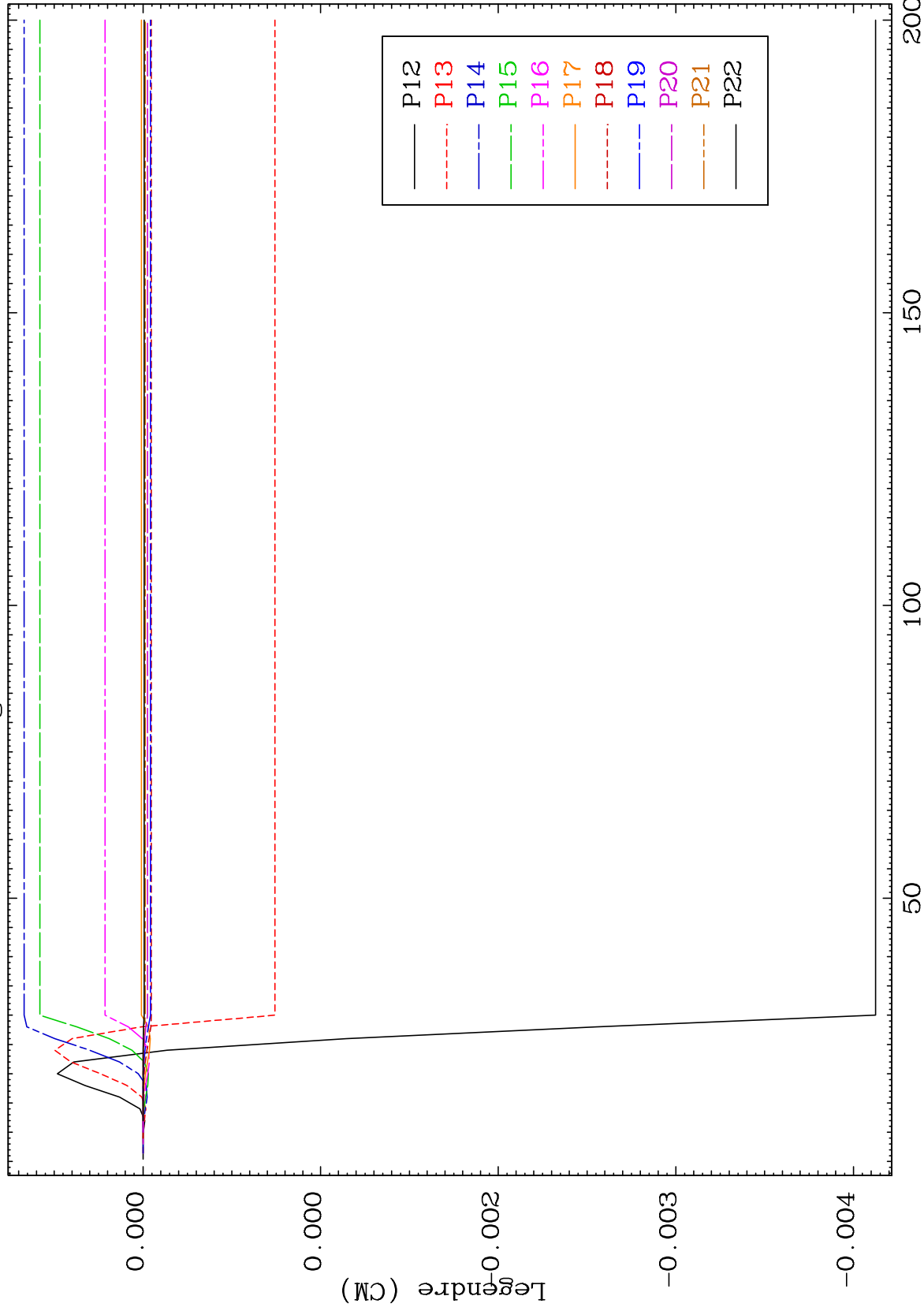
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



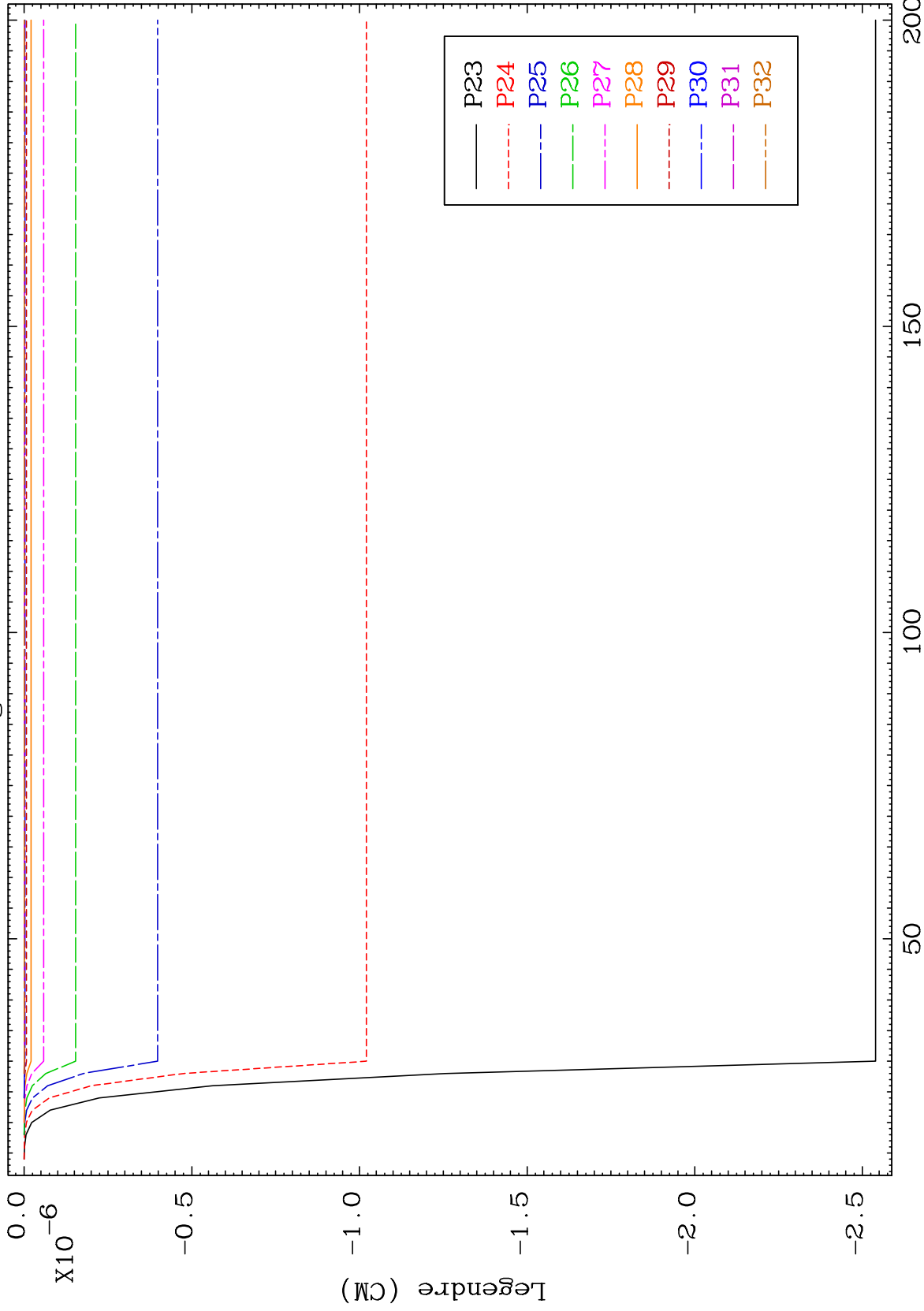
83

27-Co-65

MAT 2743

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

27-Co-65



84

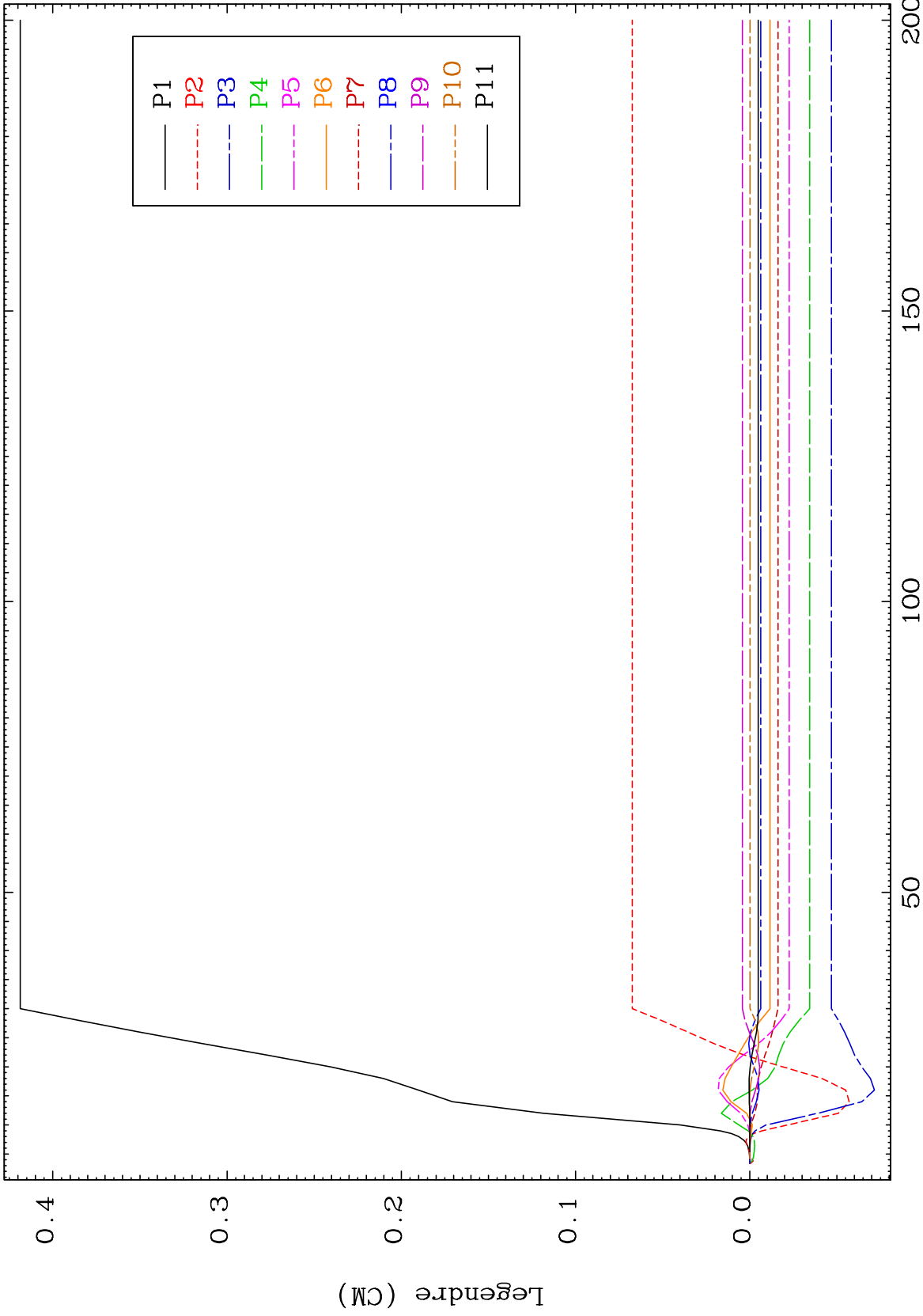
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



85

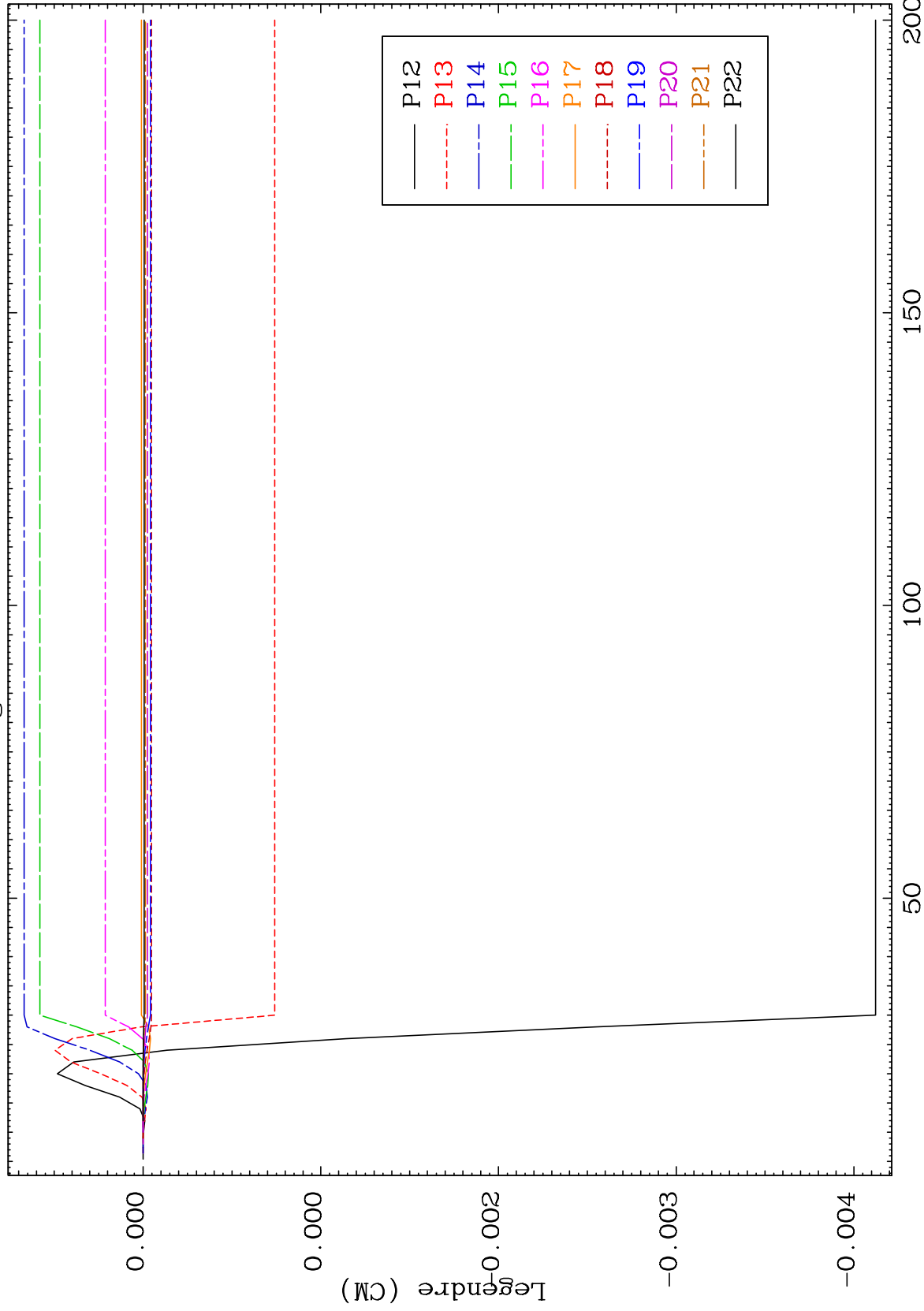
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



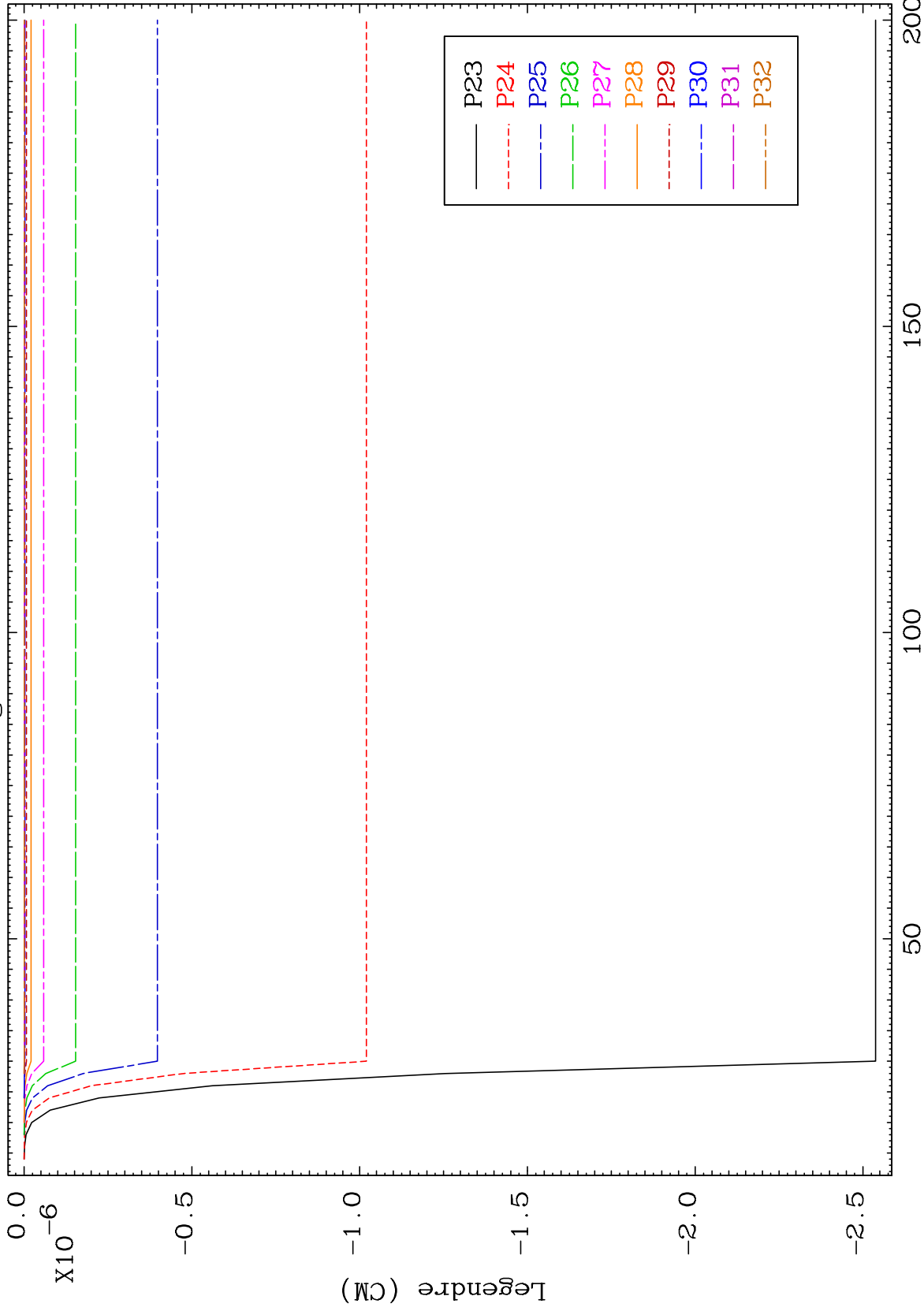
86

27-Co-65

MAT 2743

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

27-Co-65

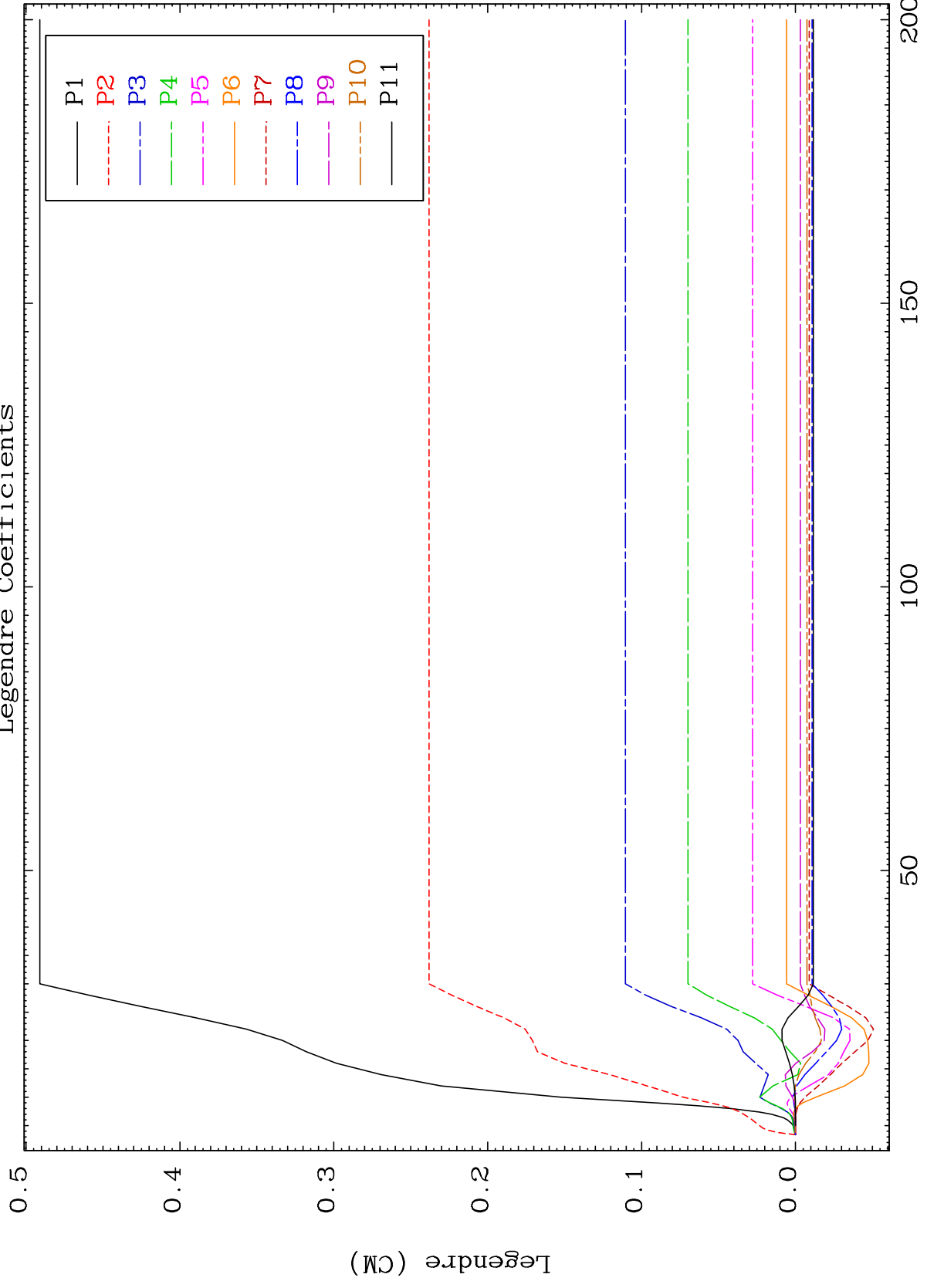


87

Incident Energy (MeV)

27-Co-65

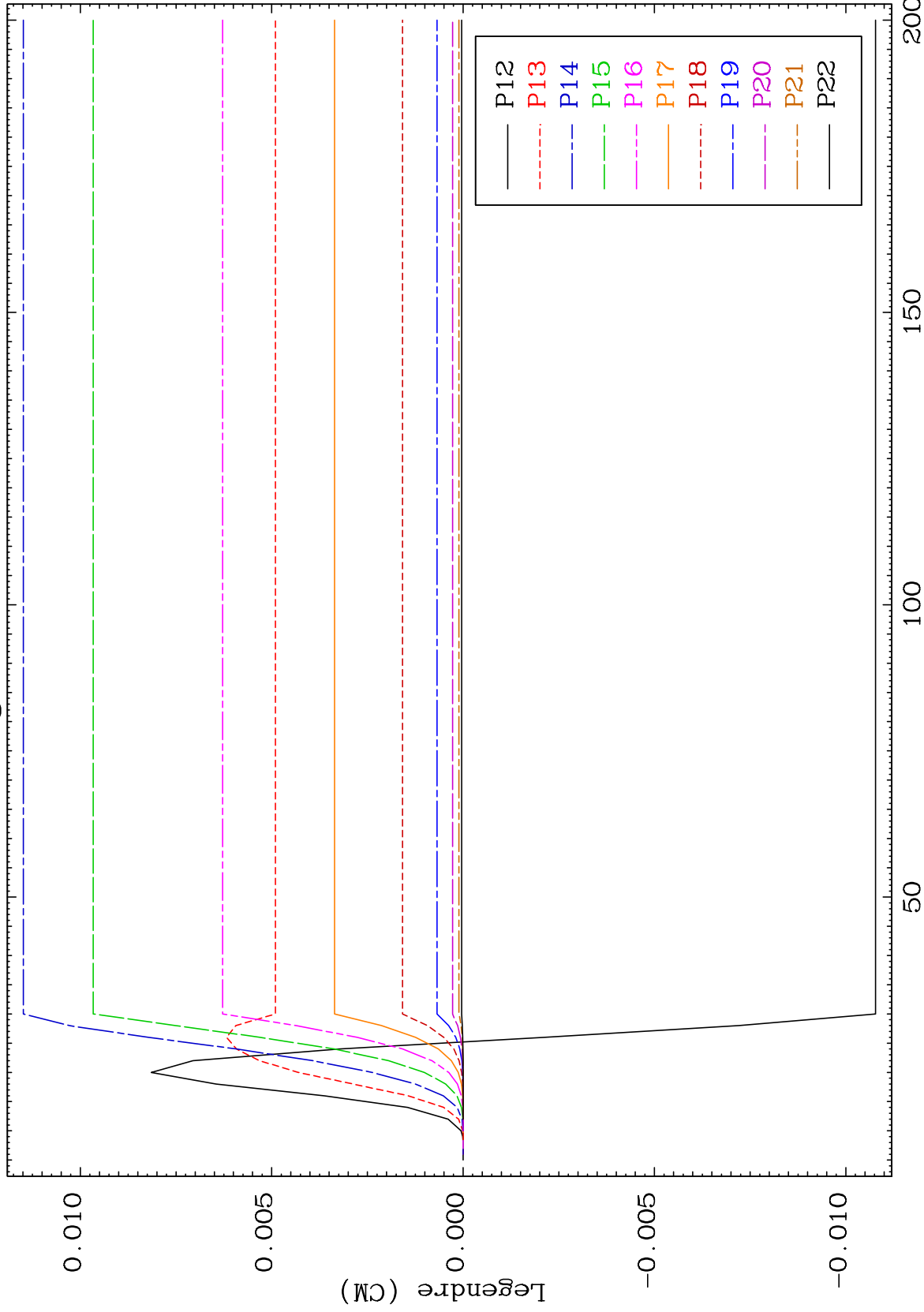
MAT 2743 MT= 74 (n,n') Level Legendre Coefficients 27-Co-65



MAT 2743

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

27-Co-65



89

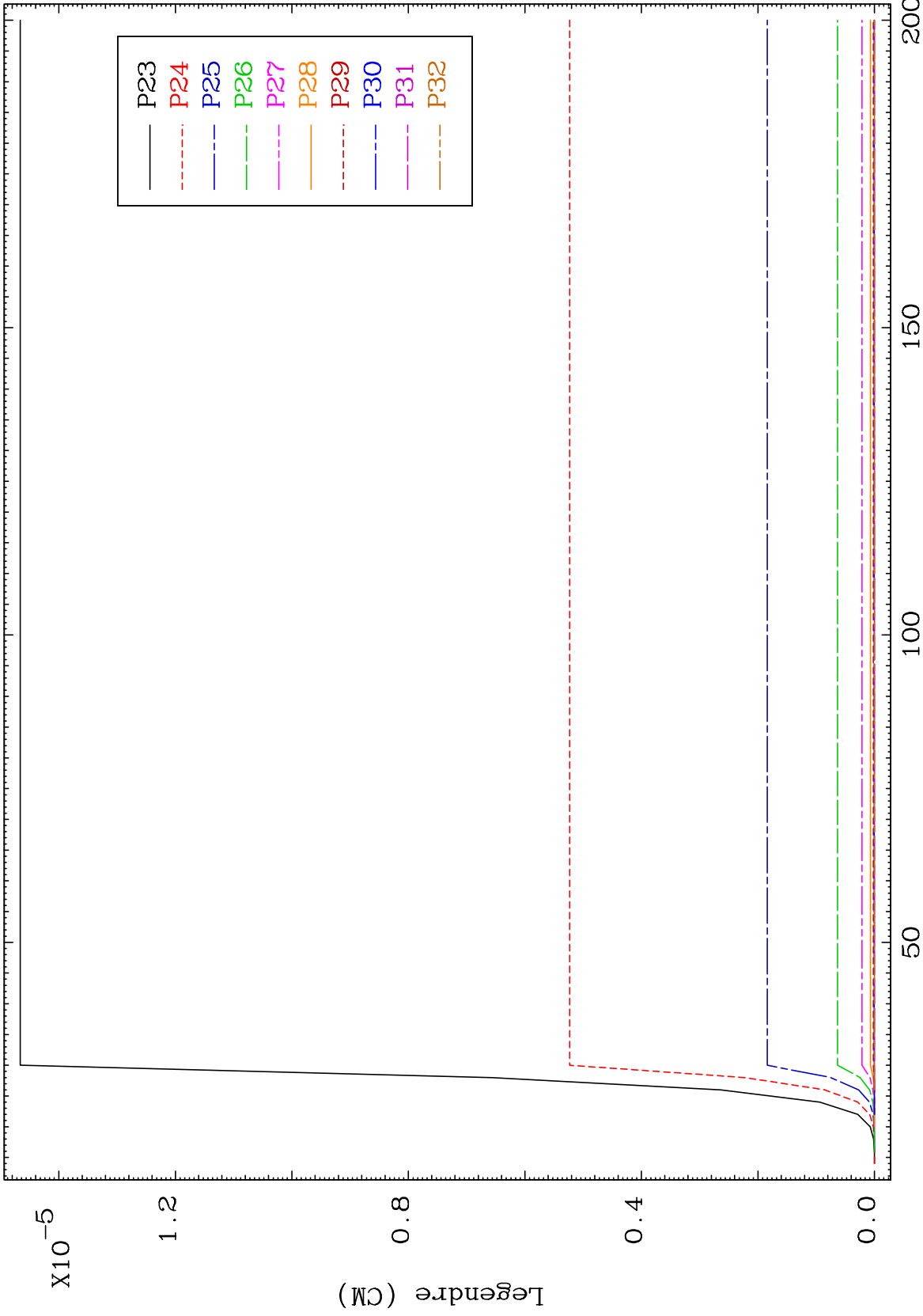
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



90

Incident Energy (MeV)

50

100

150

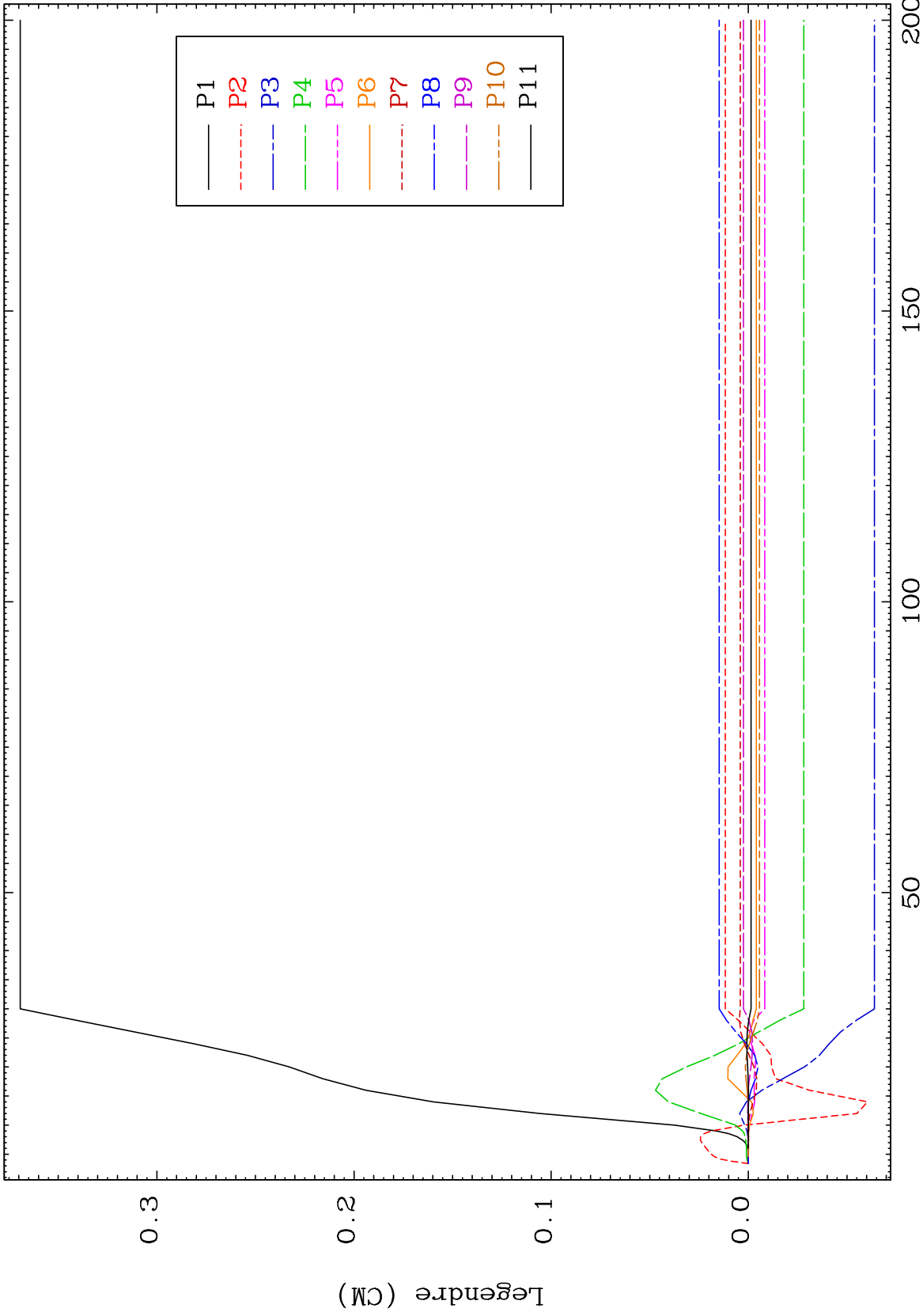
200

27-Co-65

MAT 2743

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

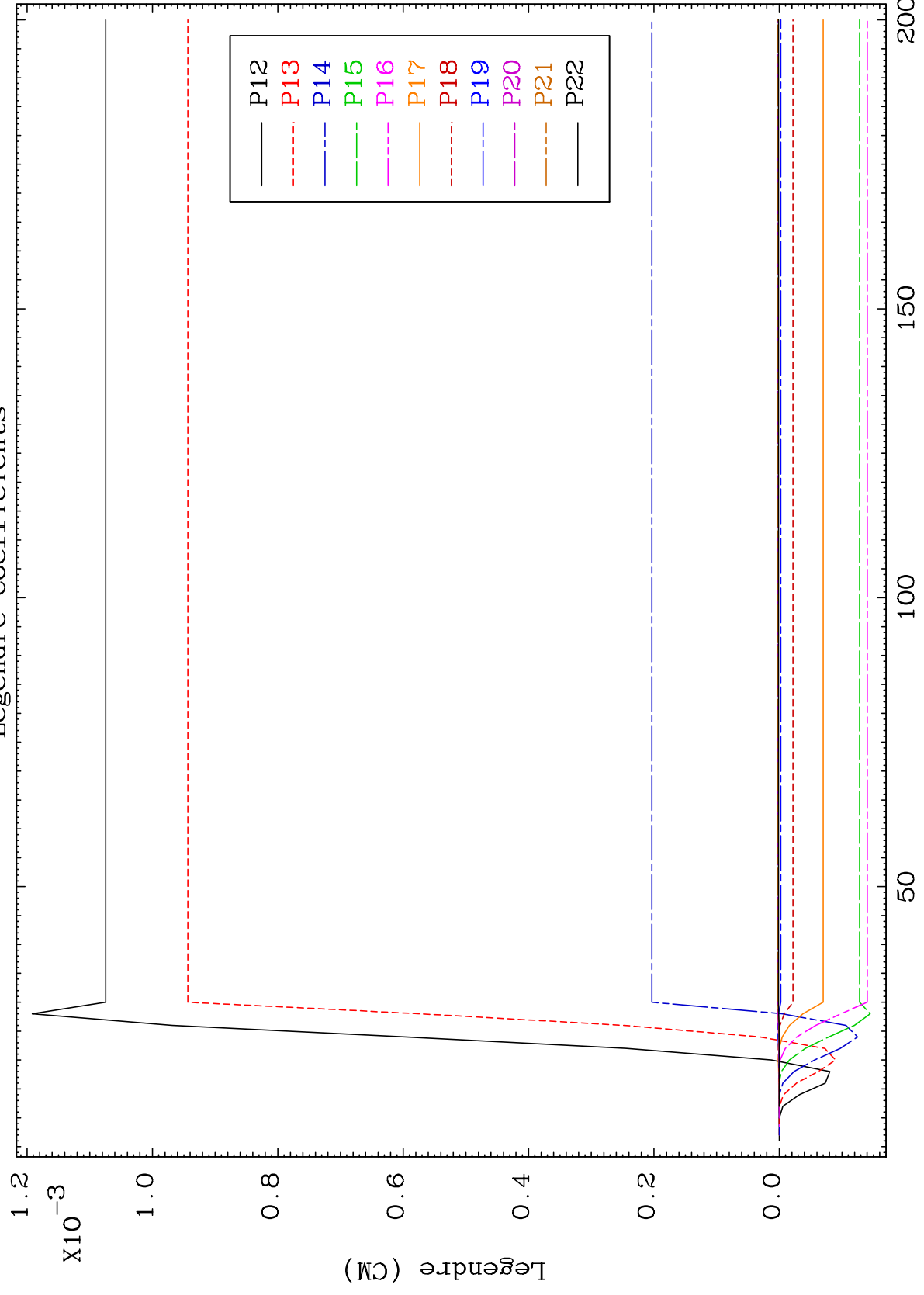
27-Co-65



91

Incident Energy (MeV)

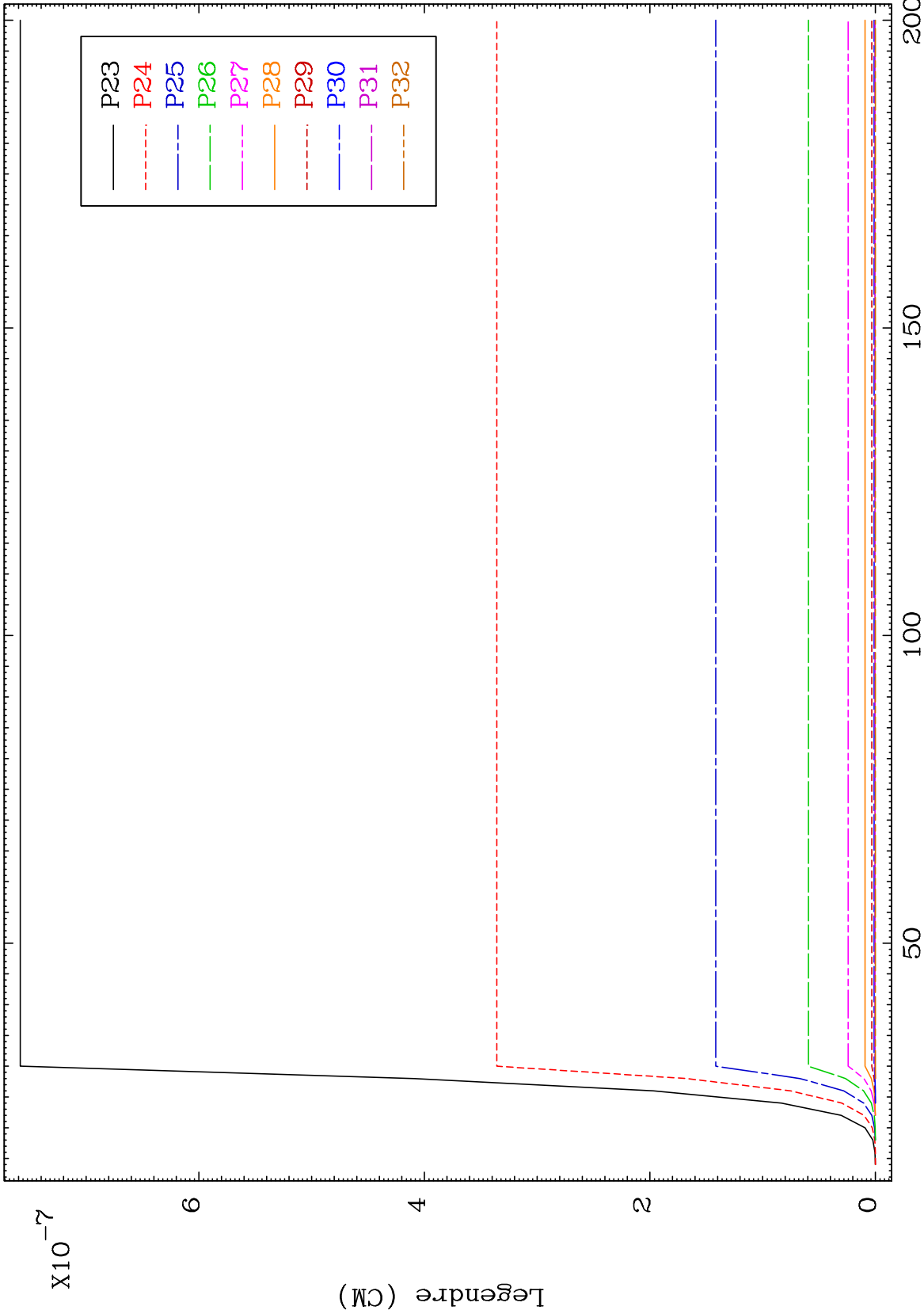
27-Co-65



MAT 2743

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

27-Co-65



93

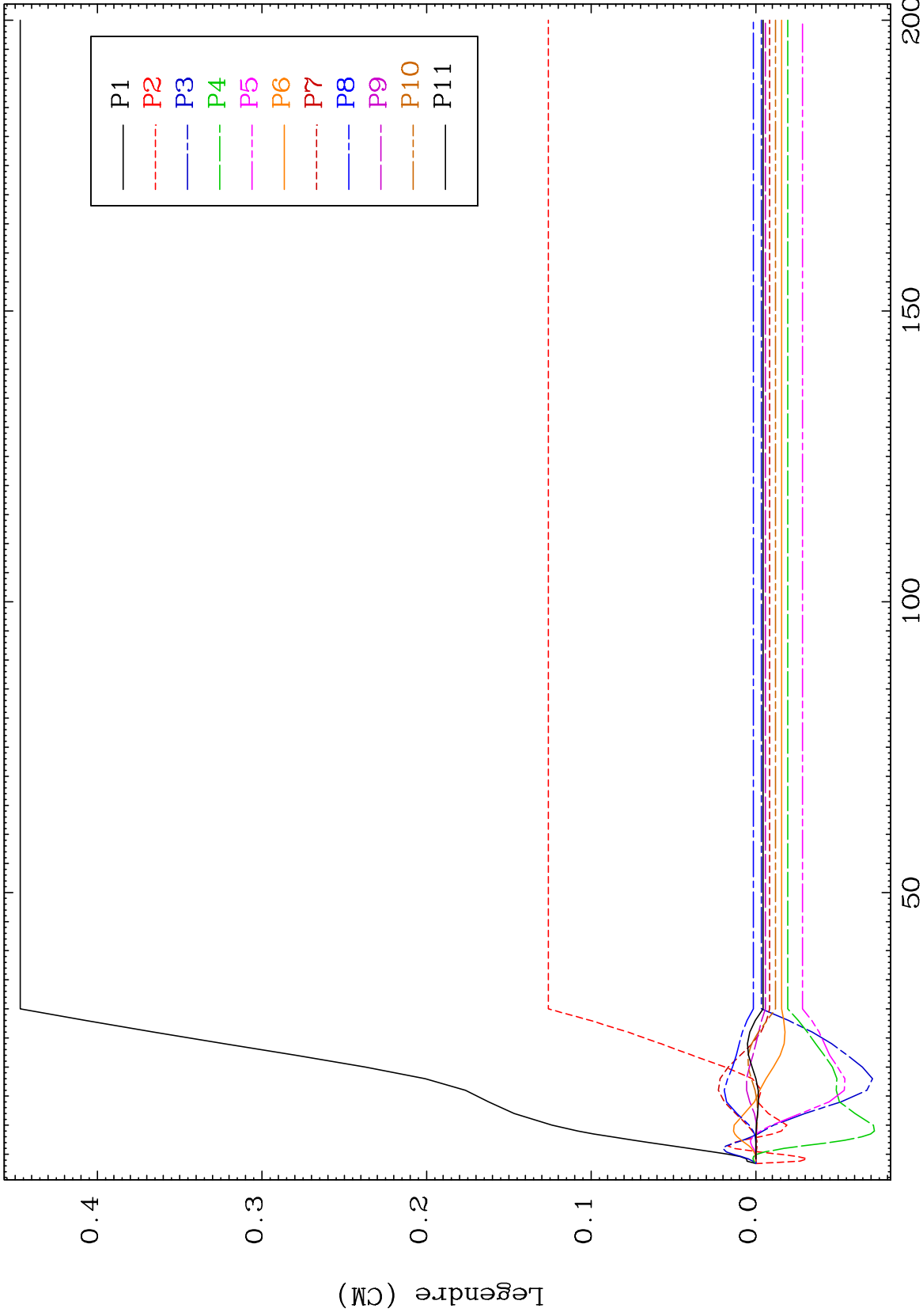
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



94

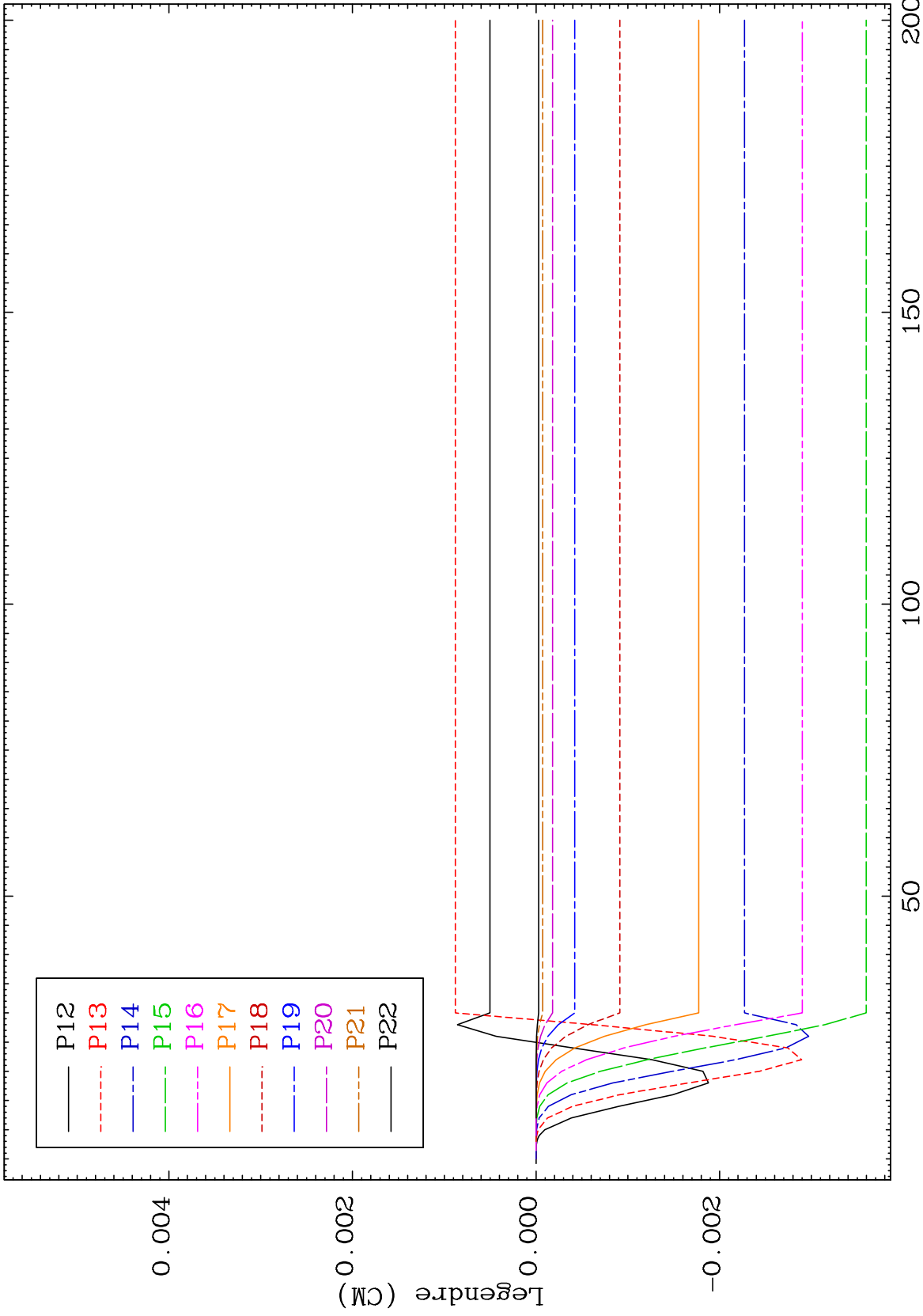
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



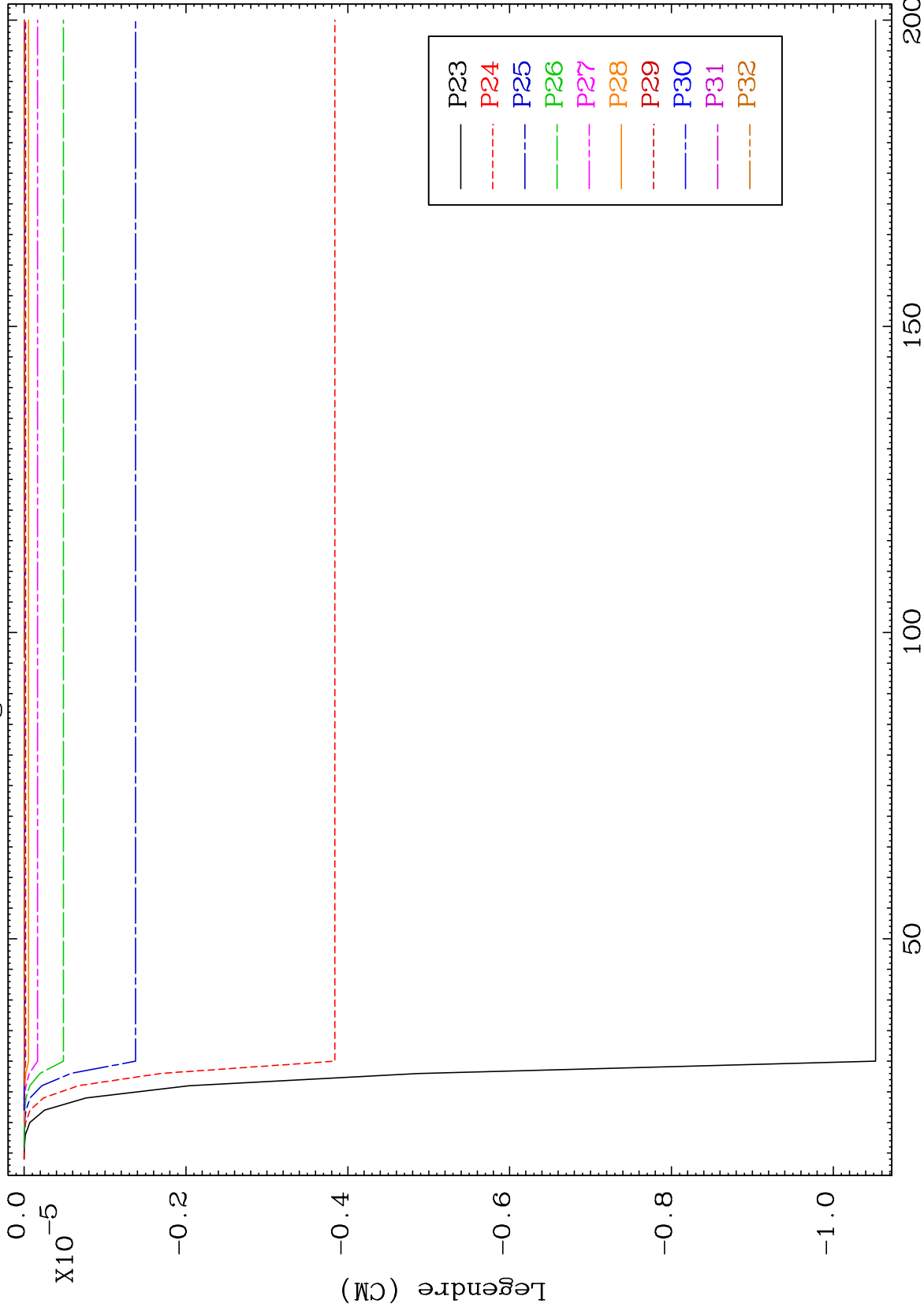
95

27-Co-65

MAT 2743

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

27-Co-65



27-Co-65

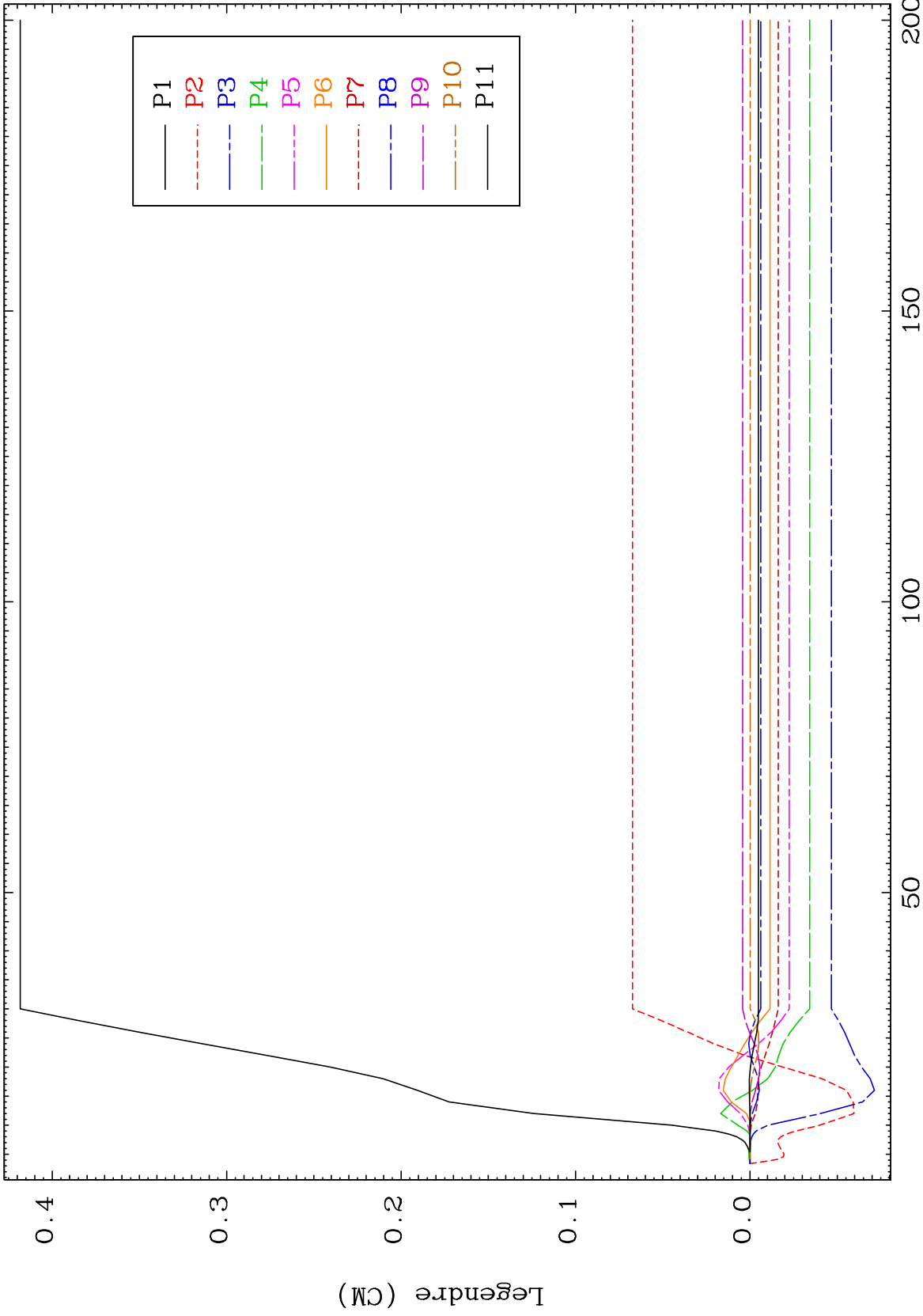
Incident Energy (MeV)

96

MAT 2743

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

27-Co-65



97

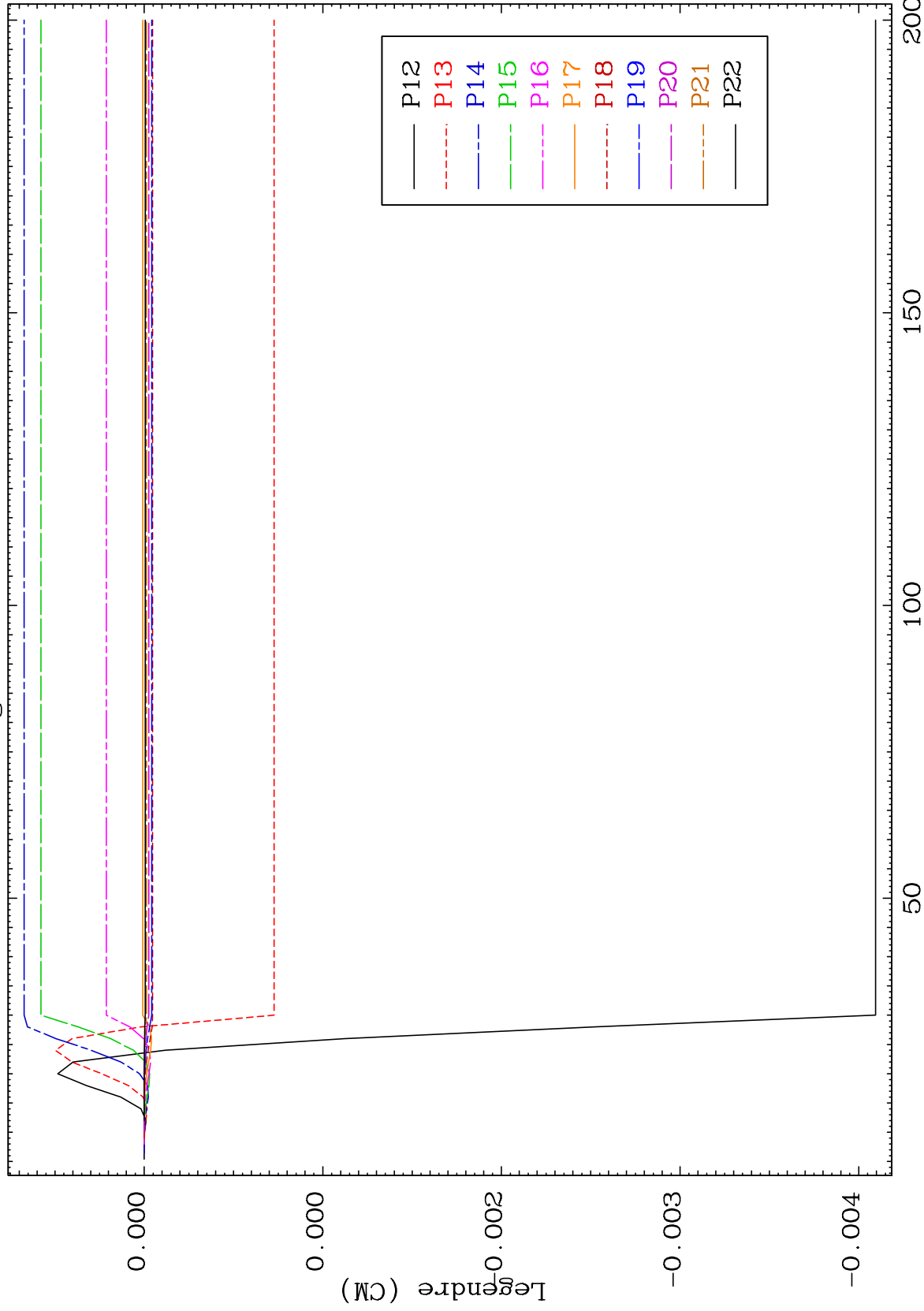
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



98

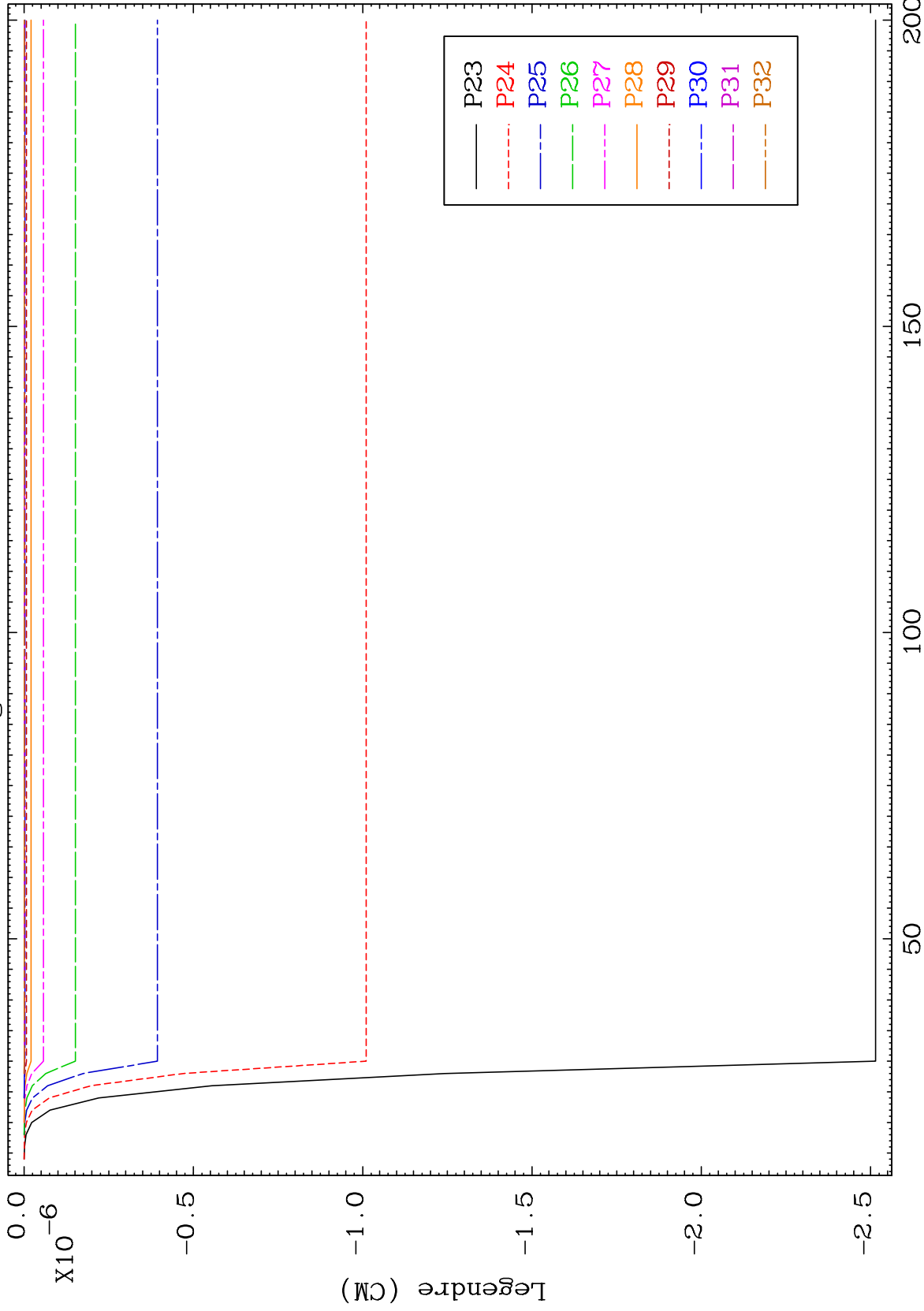
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



99

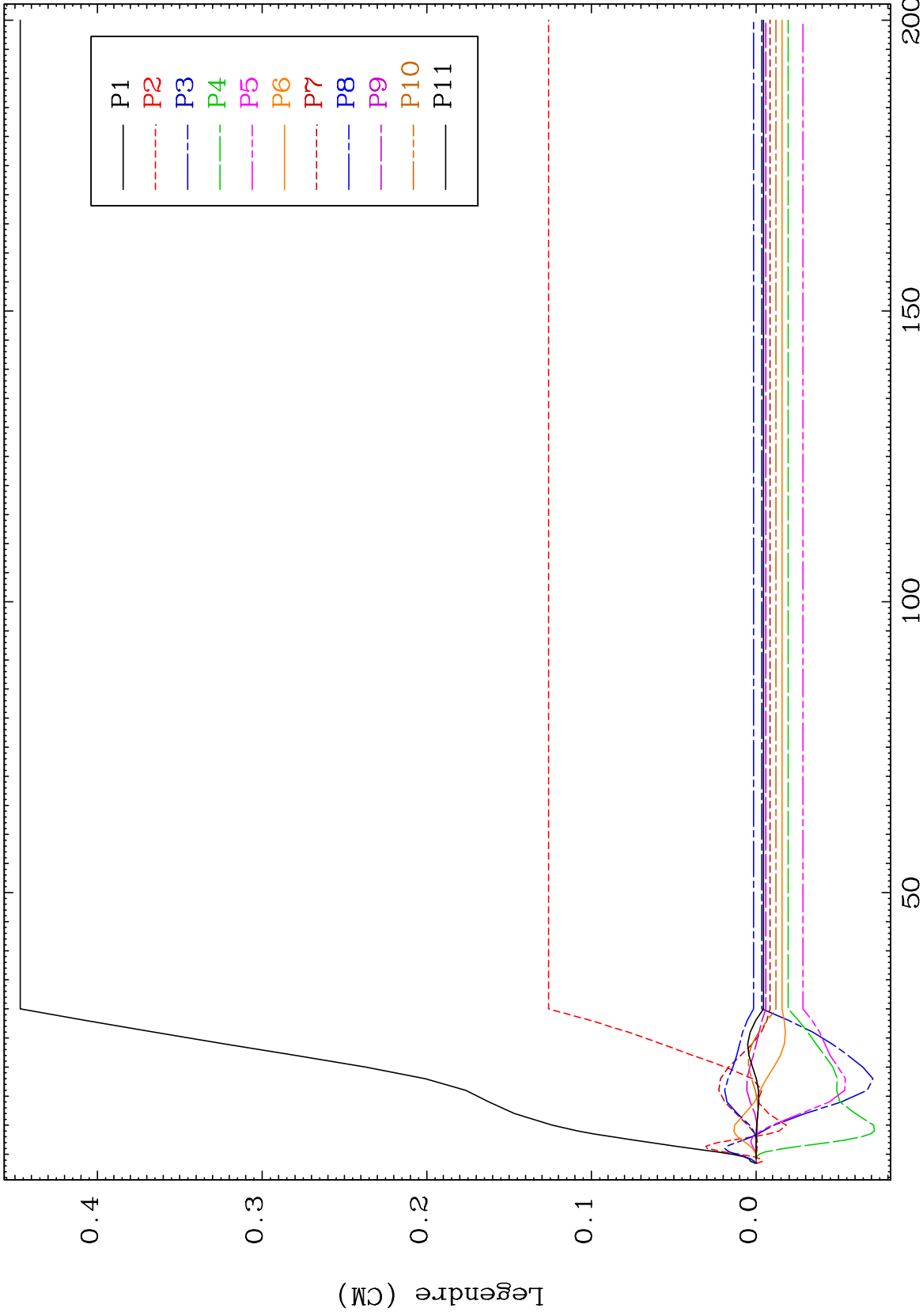
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



27-Co-65

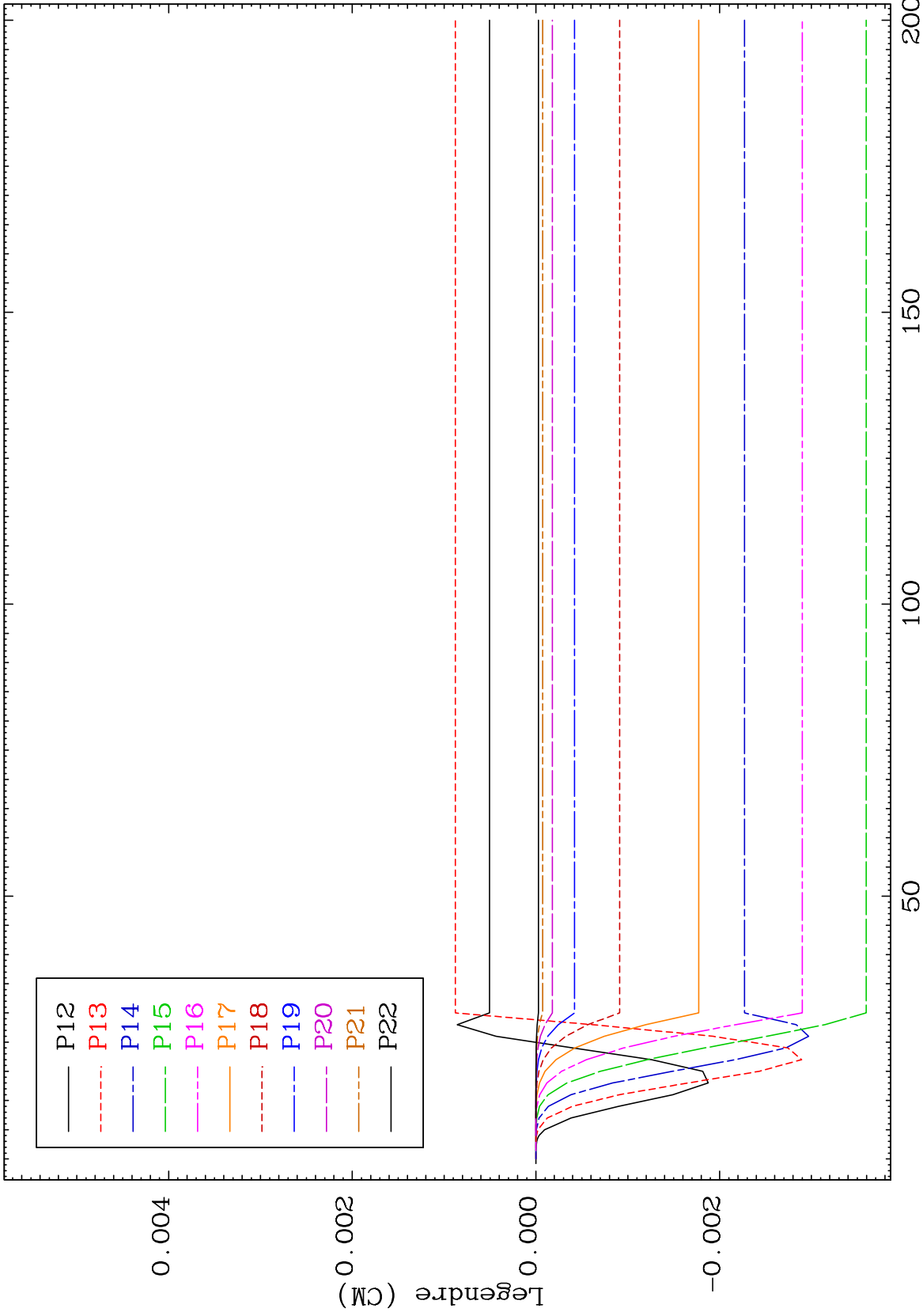
Incident Energy (MeV)

Legendre (CM)

MAT 2743

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

27-Co-65



101

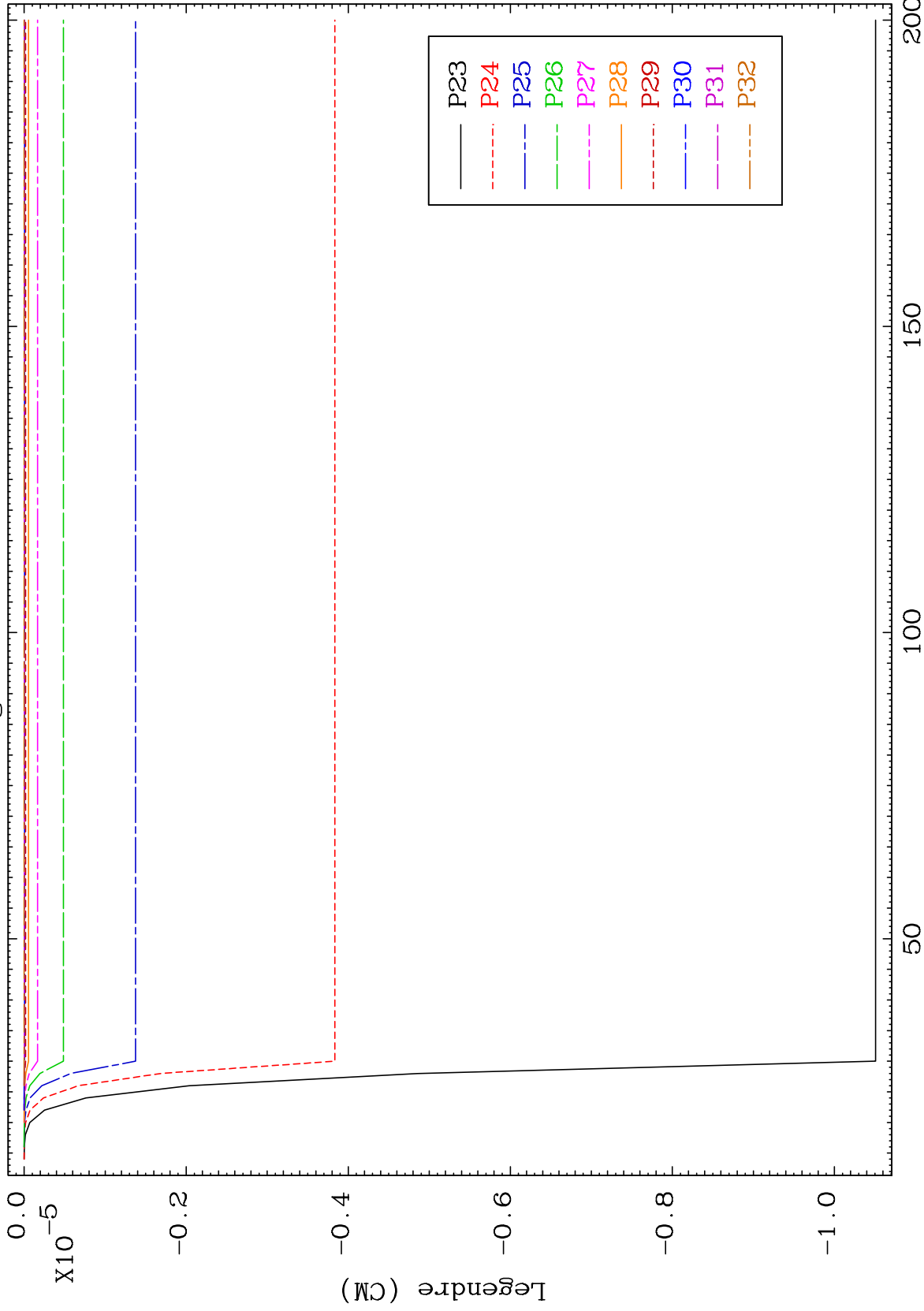
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65

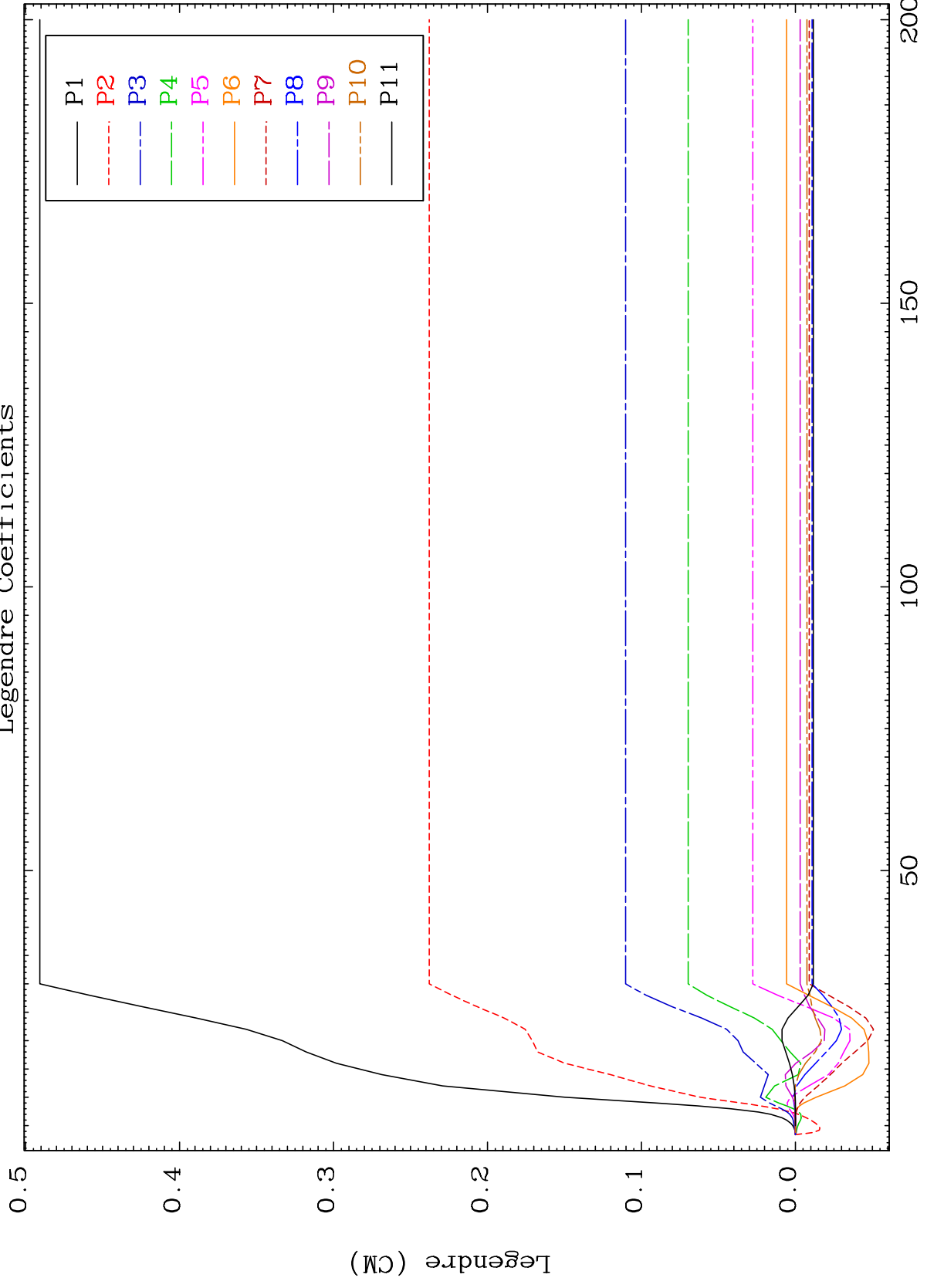


27-Co-65

Incident Energy (MeV)

102

MAT 2743 MT= 79 (n,n') Level Legendre Coefficients 27-Co-65

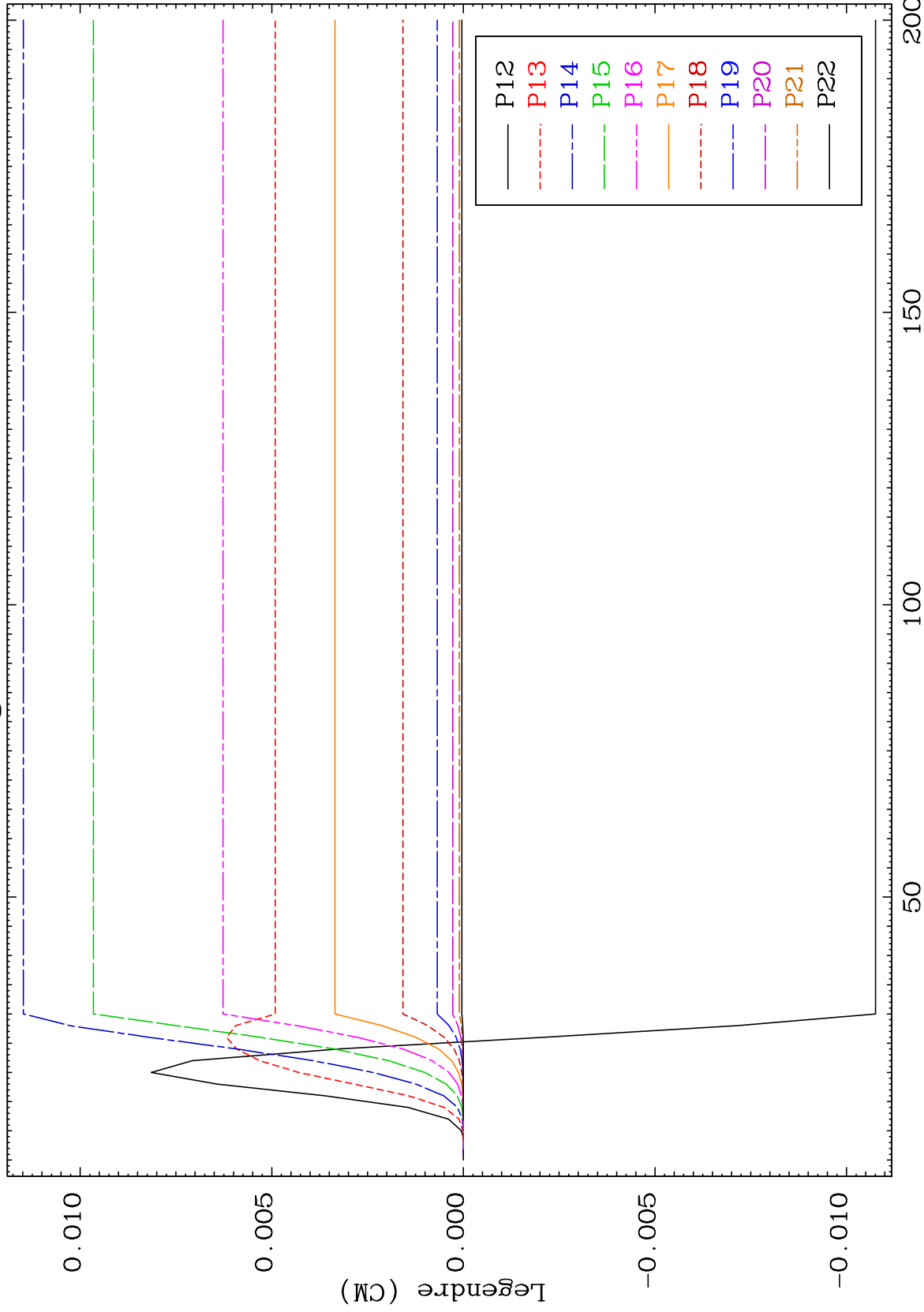


103 50 100 150 200 27-Co-65

MAT 2743

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

27-Co-65



104

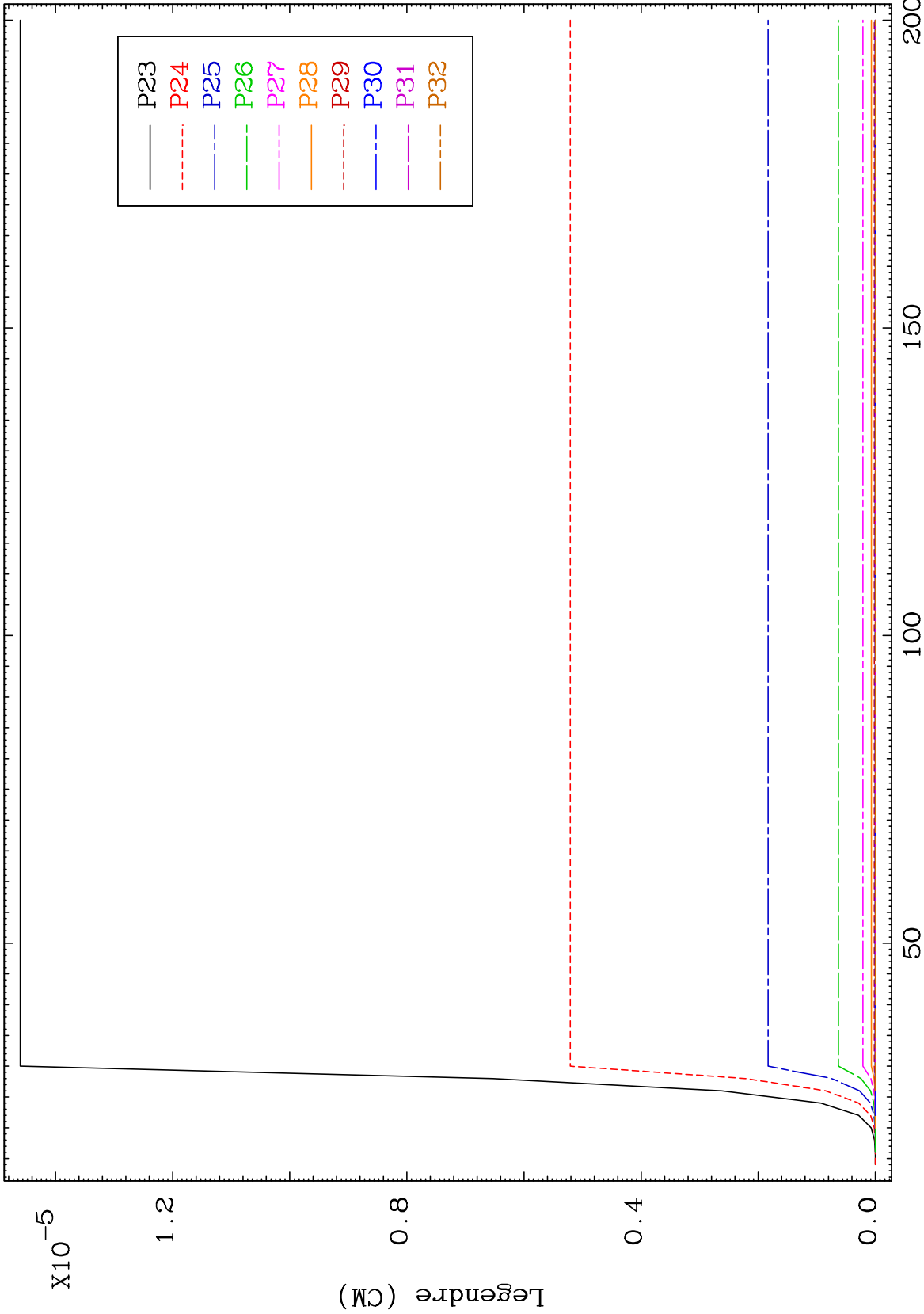
Incident Energy (MeV)

27-Co-65

MAT 2743

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

27-Co-65



105

50

100

150

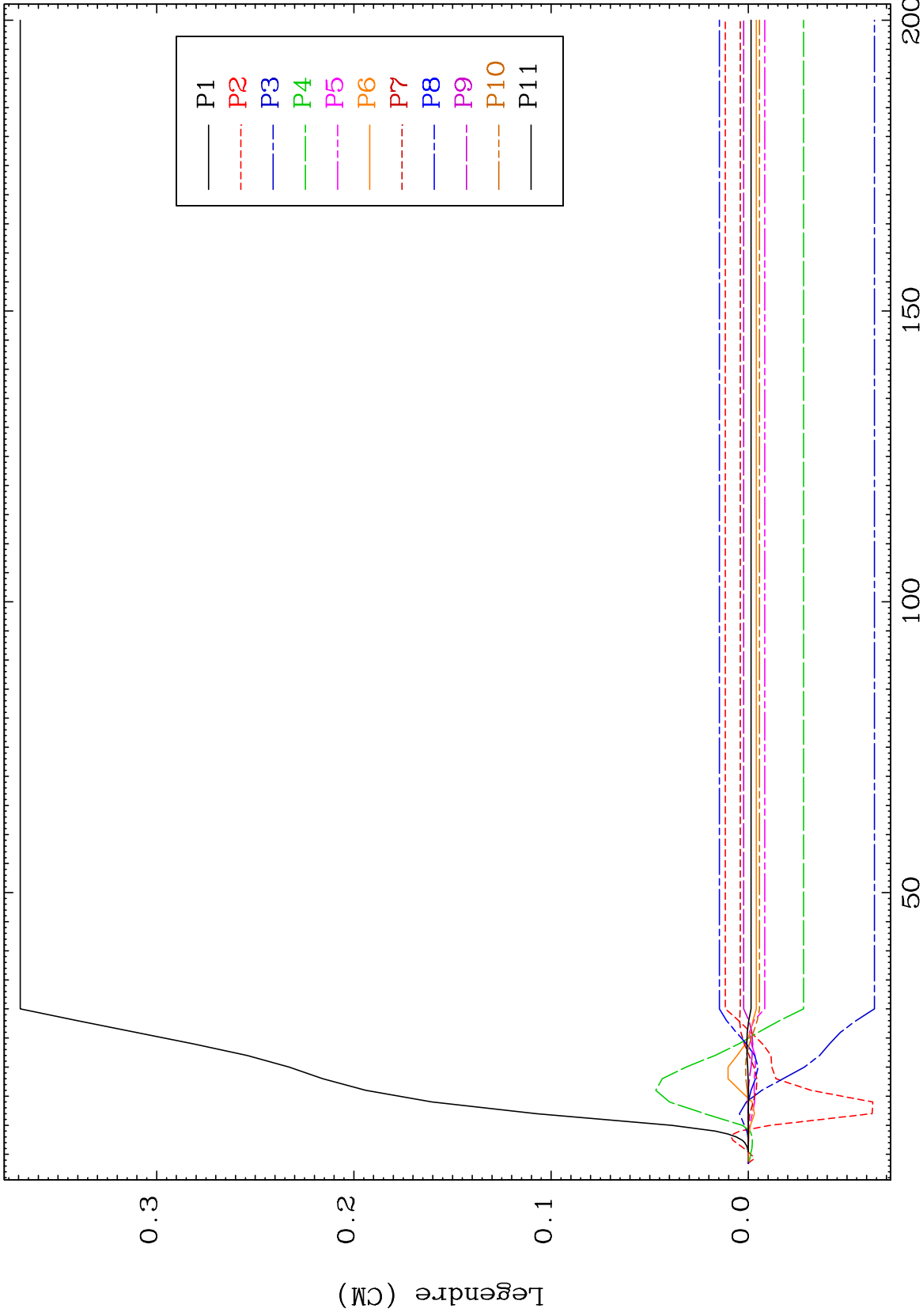
200

27-Co-65

MAT 2743

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

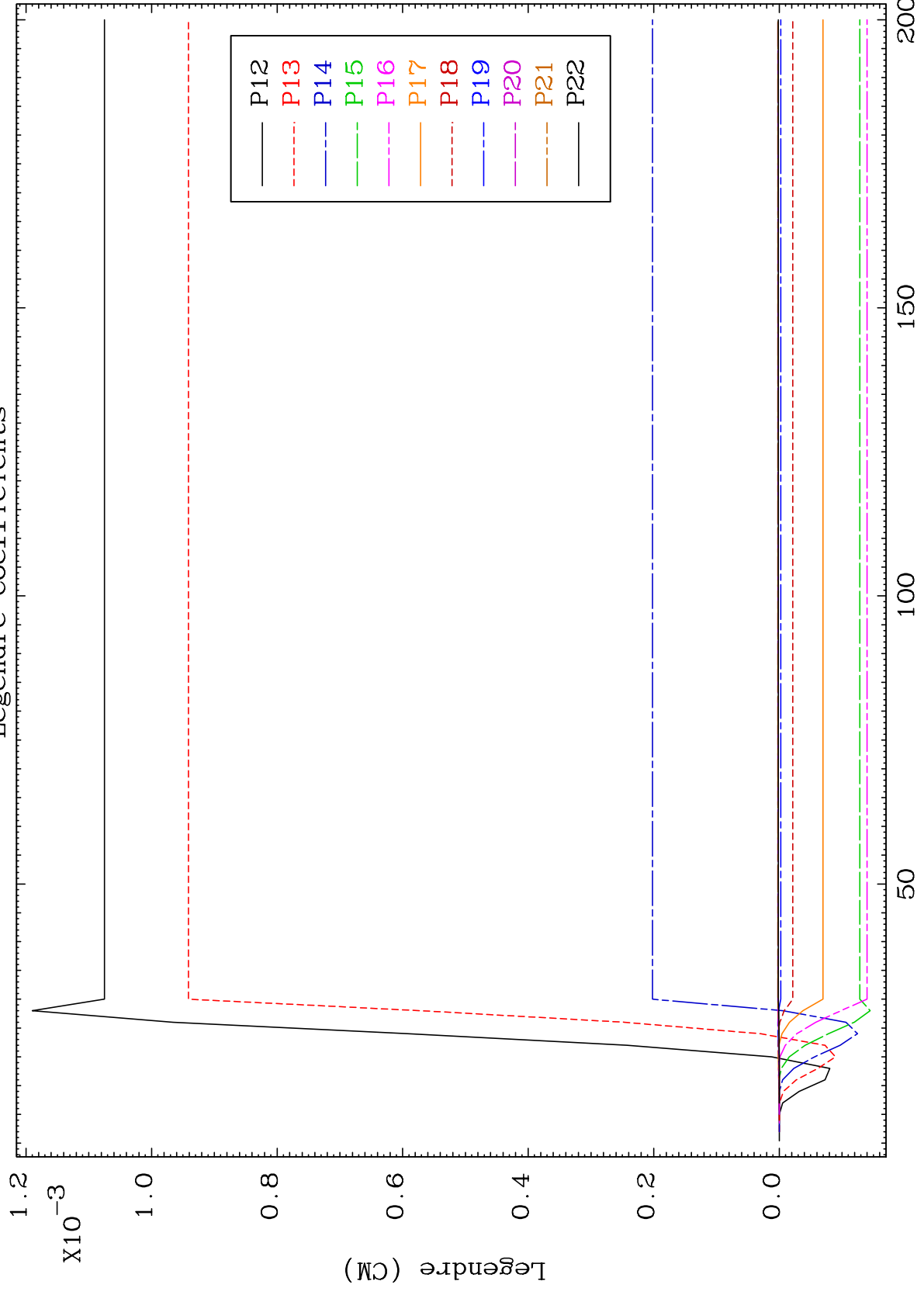
27-Co-65



106

Incident Energy (MeV)

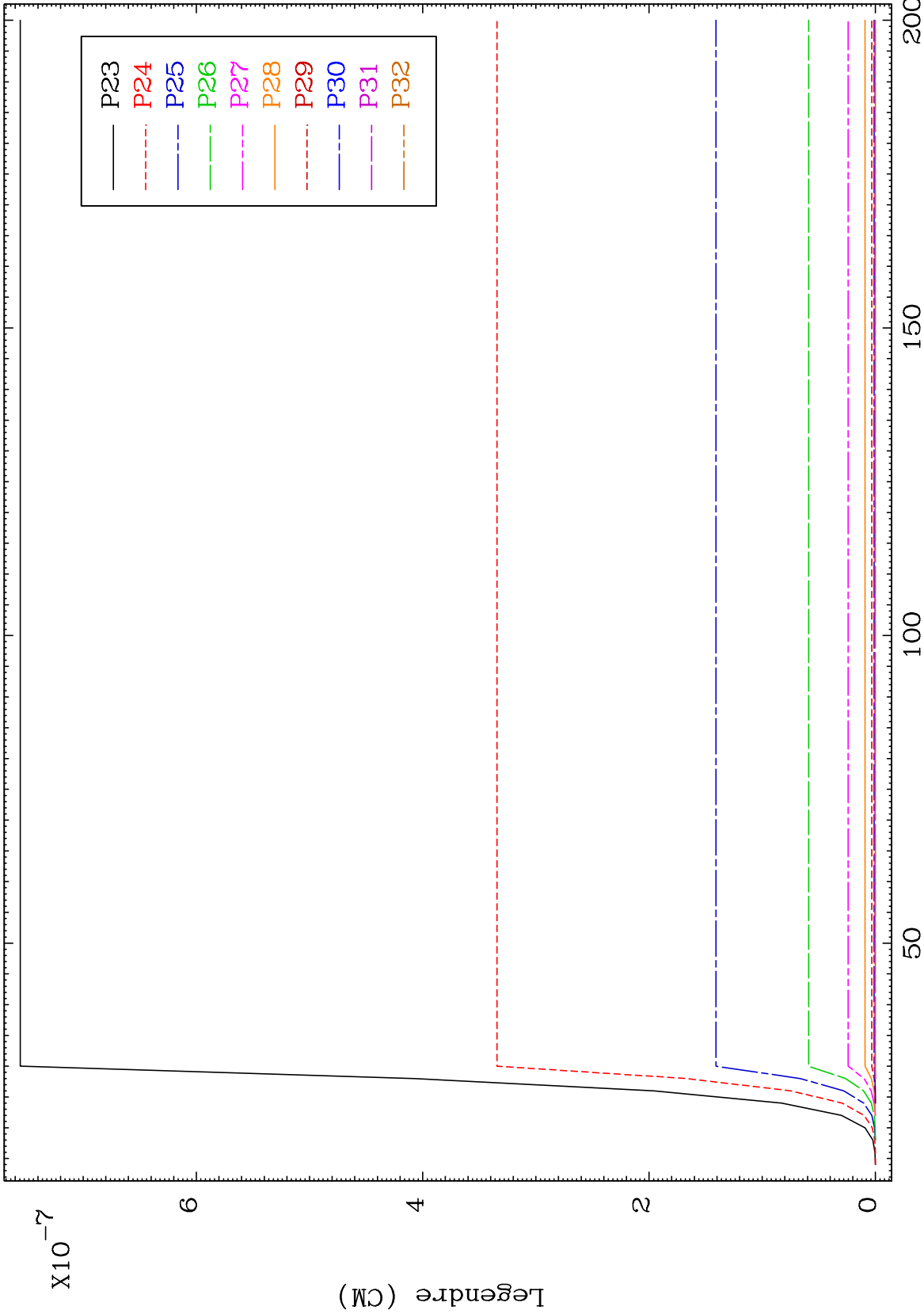
27-Co-65



MAT 2743

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

27-Co-65



108

Incident Energy (MeV)

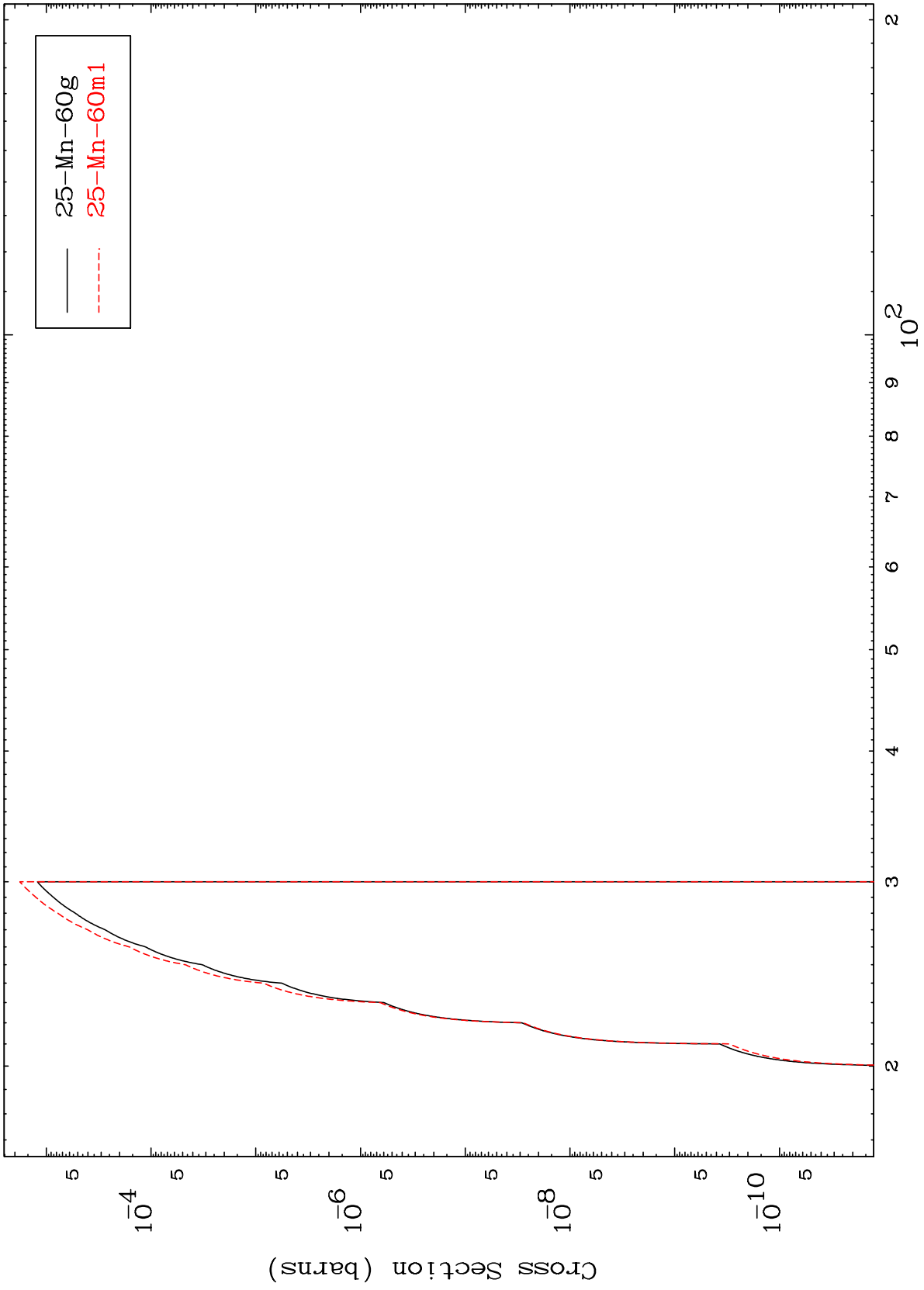
27-Co-65

MAT 2743

(n,2n) α

27-Co-65

Radionuclide Production Cross Section



109

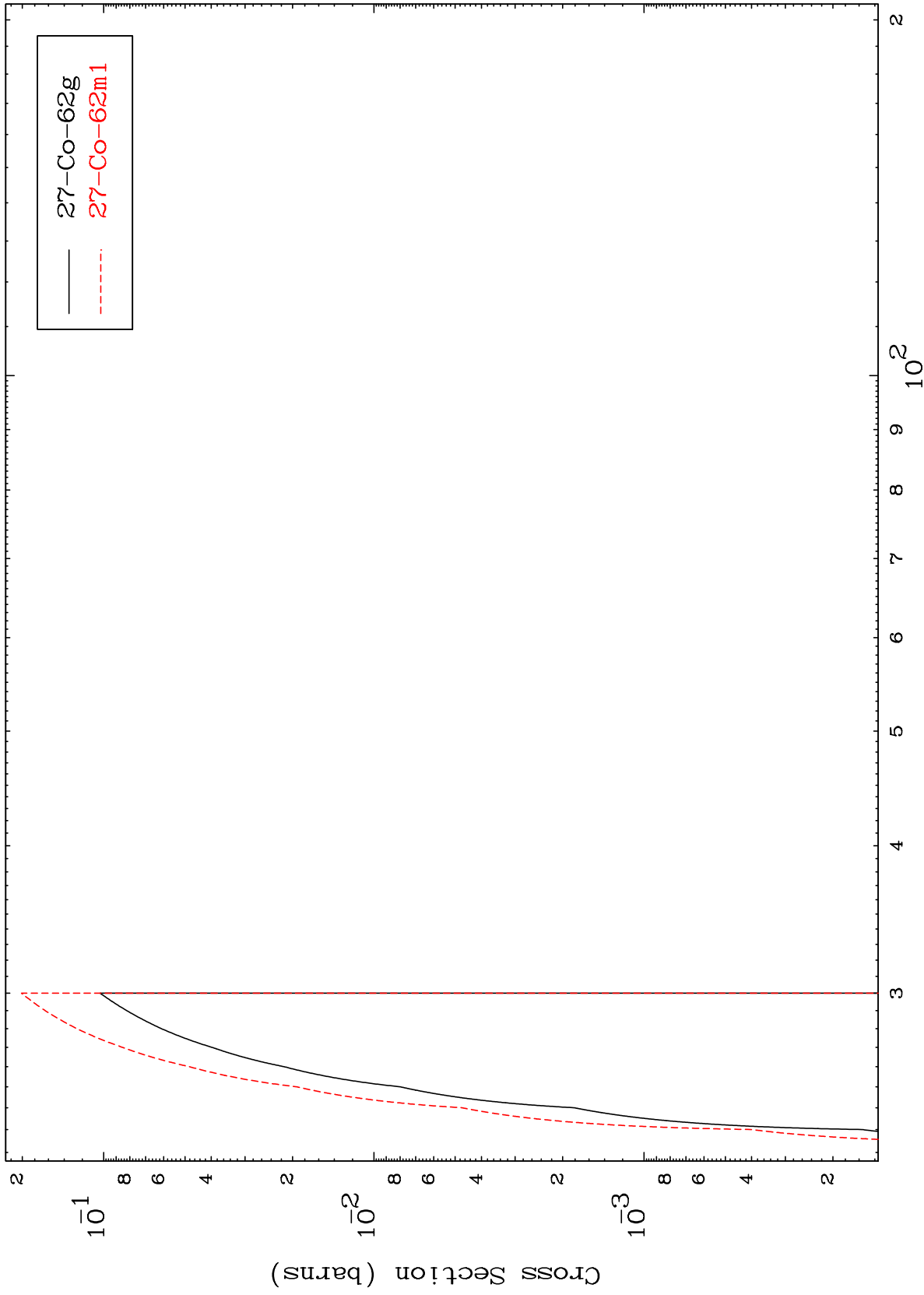
Incident Energy (MeV)

27-Co-65

MAT 2743

27-Co-65

(n,4n)
Radionuclide Production Cross Section



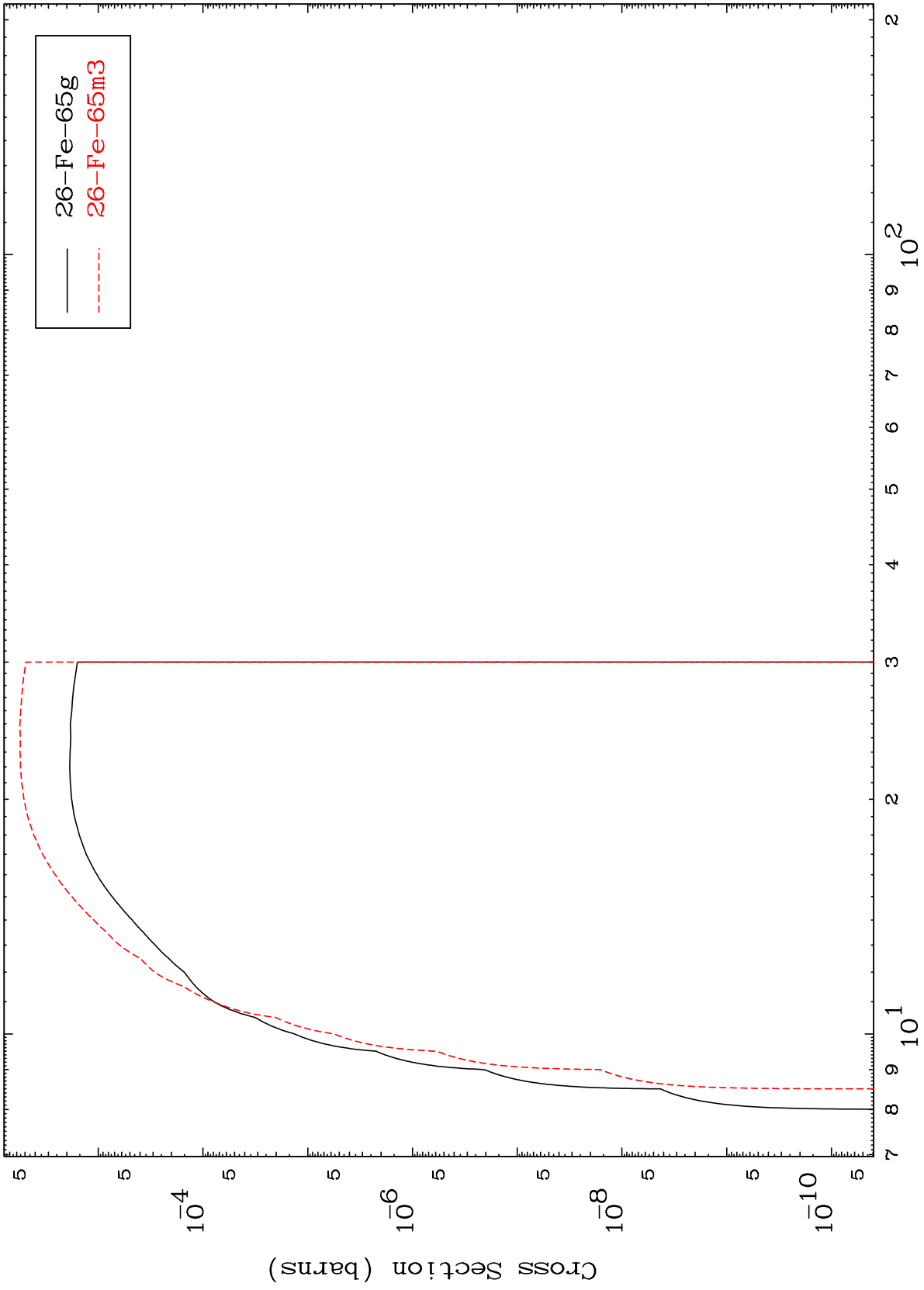
110

27-Co-65

MAT 2743

27-Co-65

(n,p)
Radionuclide Production Cross Section



111

27-Co-65