

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

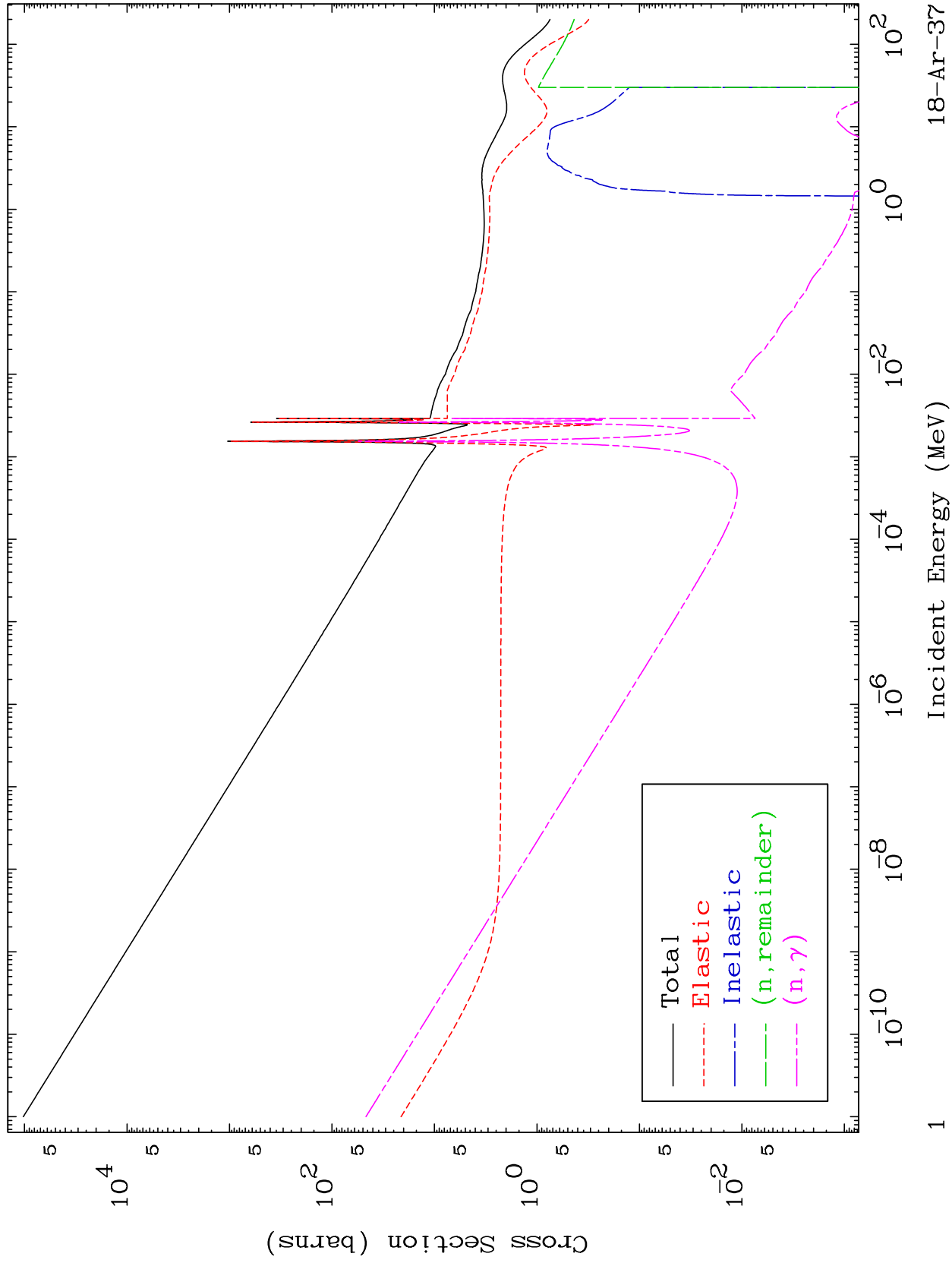
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

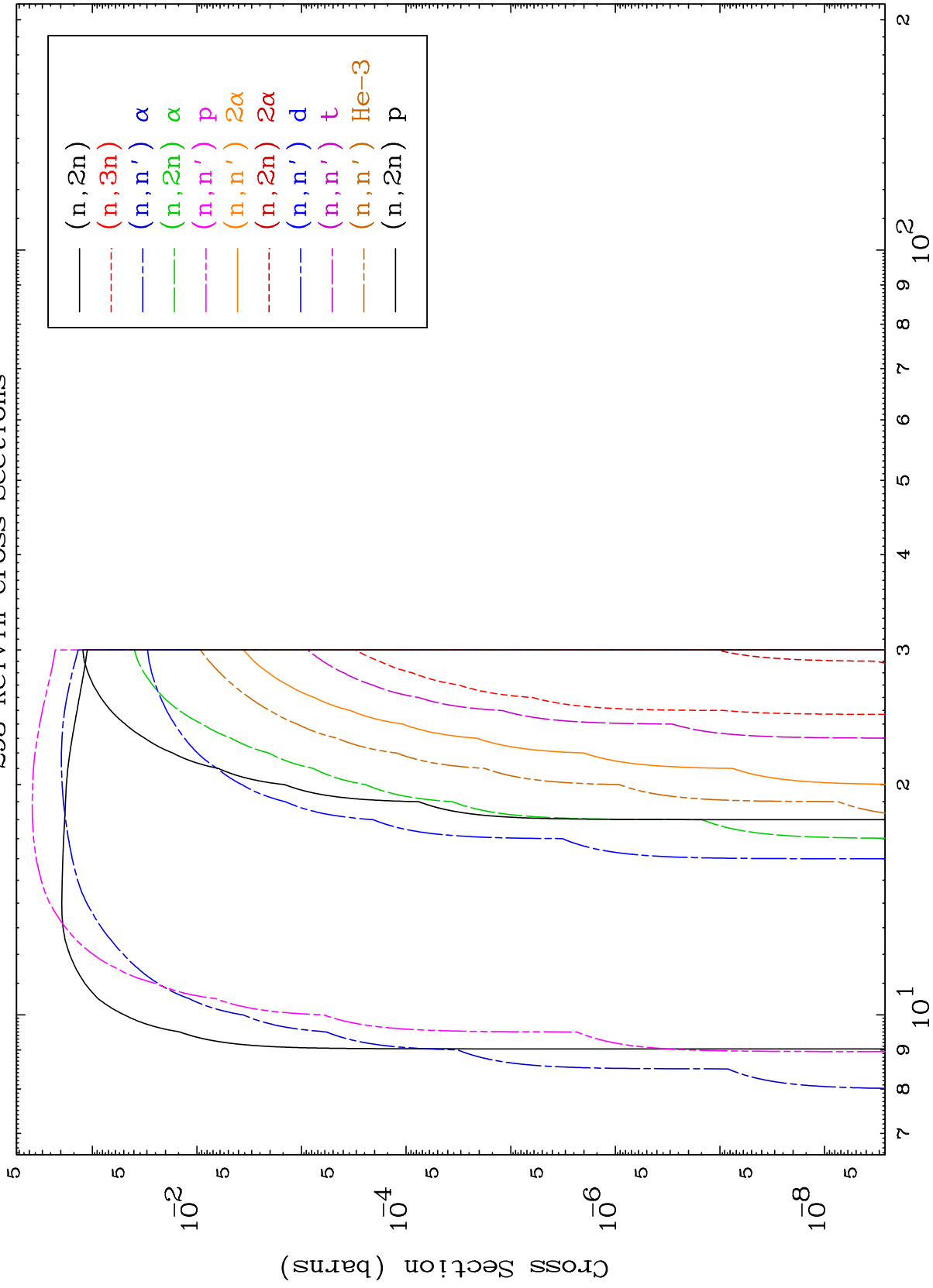
Press Mouse Button to Start

MAT 1828

Major  
293 Kelvin Cross Sections

18-Ar-37

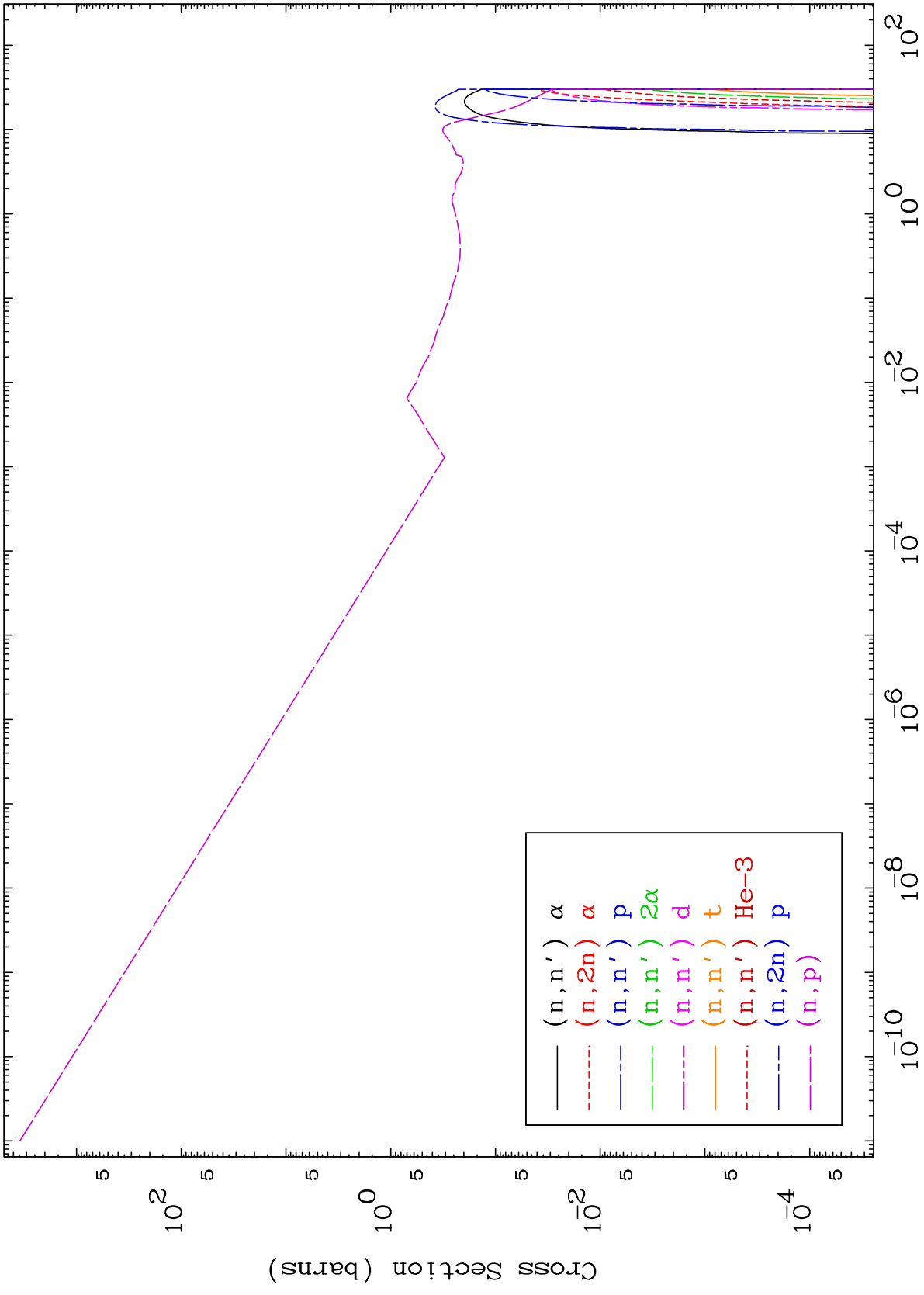




MAT 1828

Charged Particle  
293 Kelvin Cross Sections

18-Ar-37

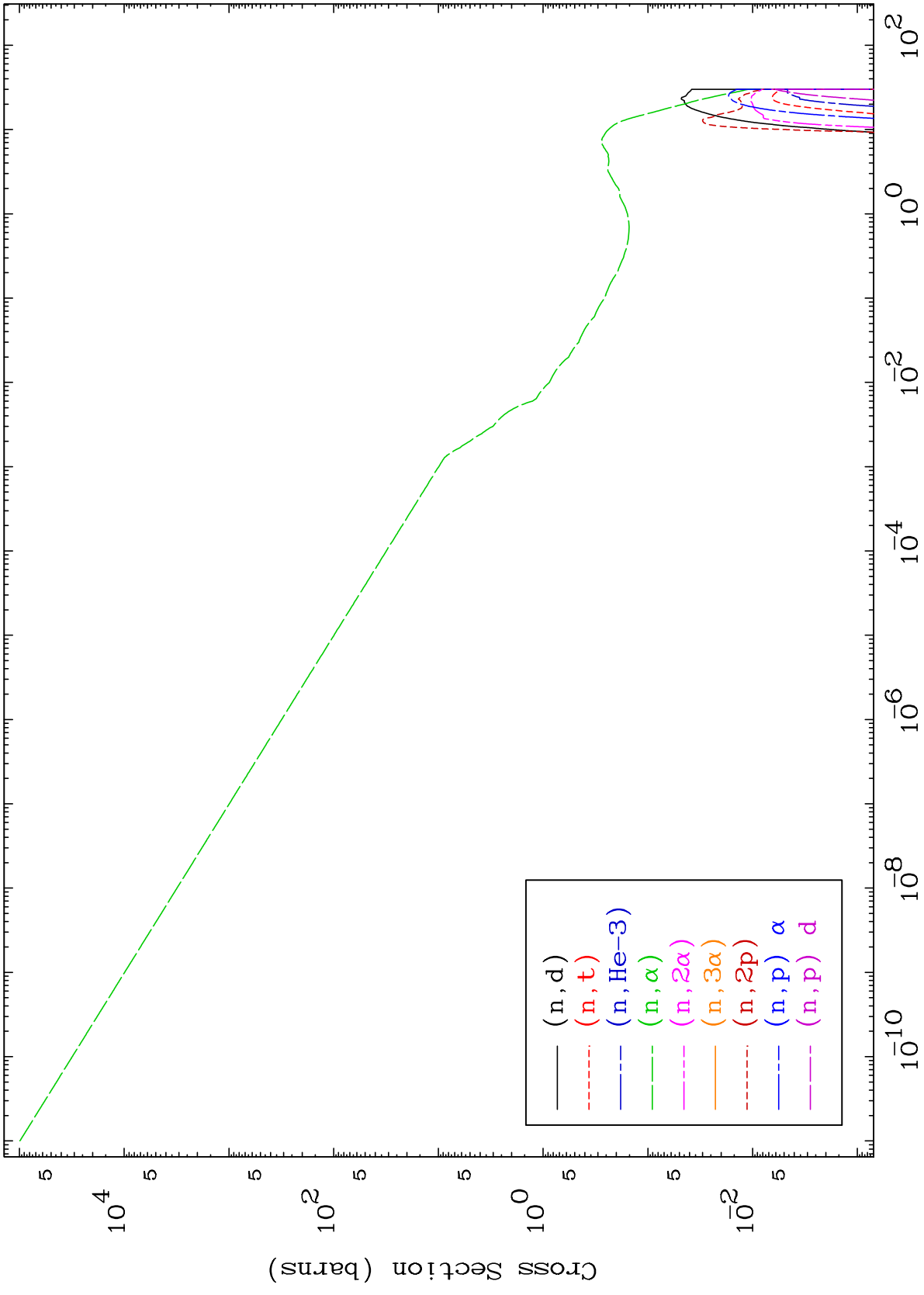


18-Ar-37

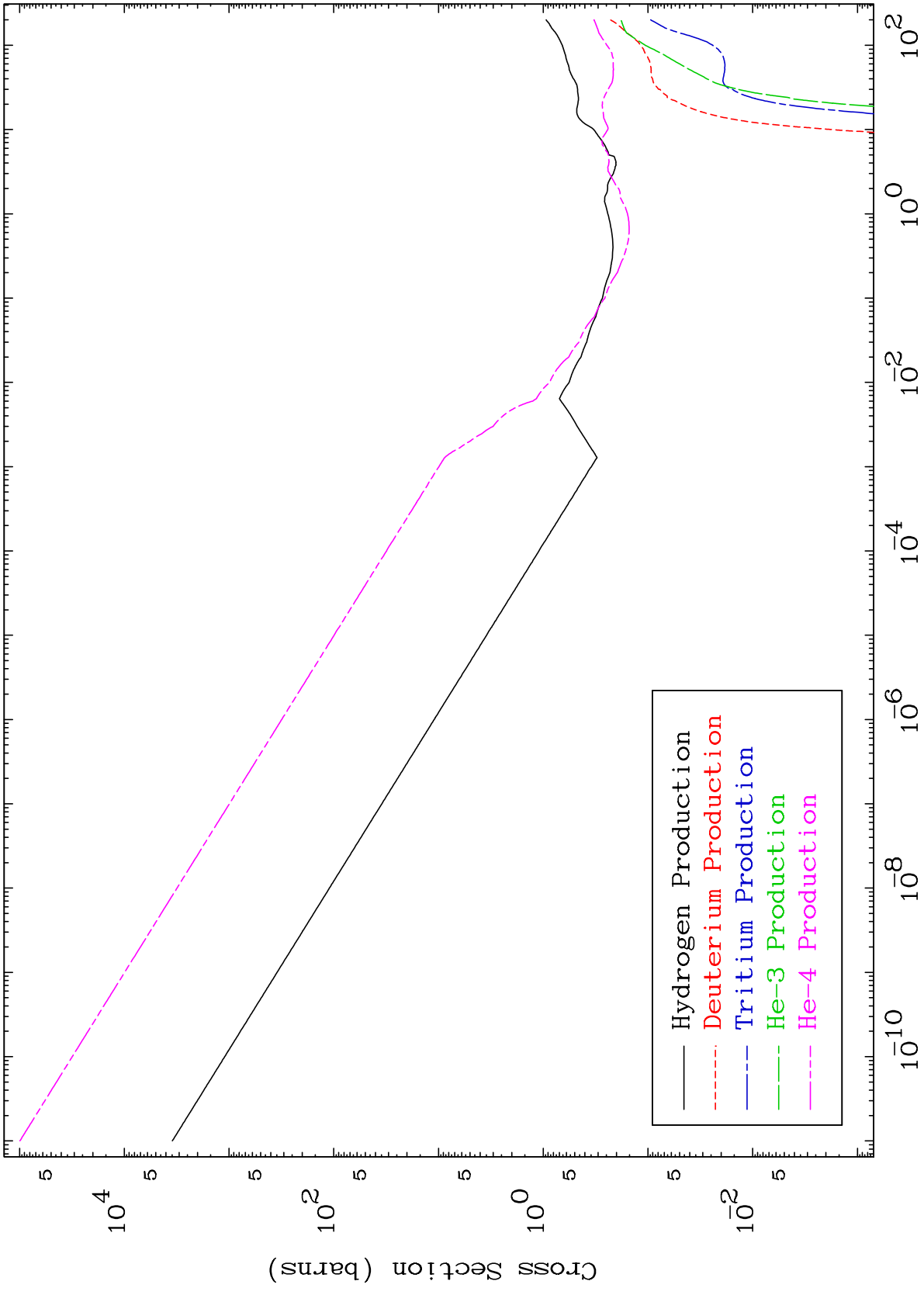
MAT 1828

Charged Particle  
293 Kelvin Cross Sections

18-Ar-37



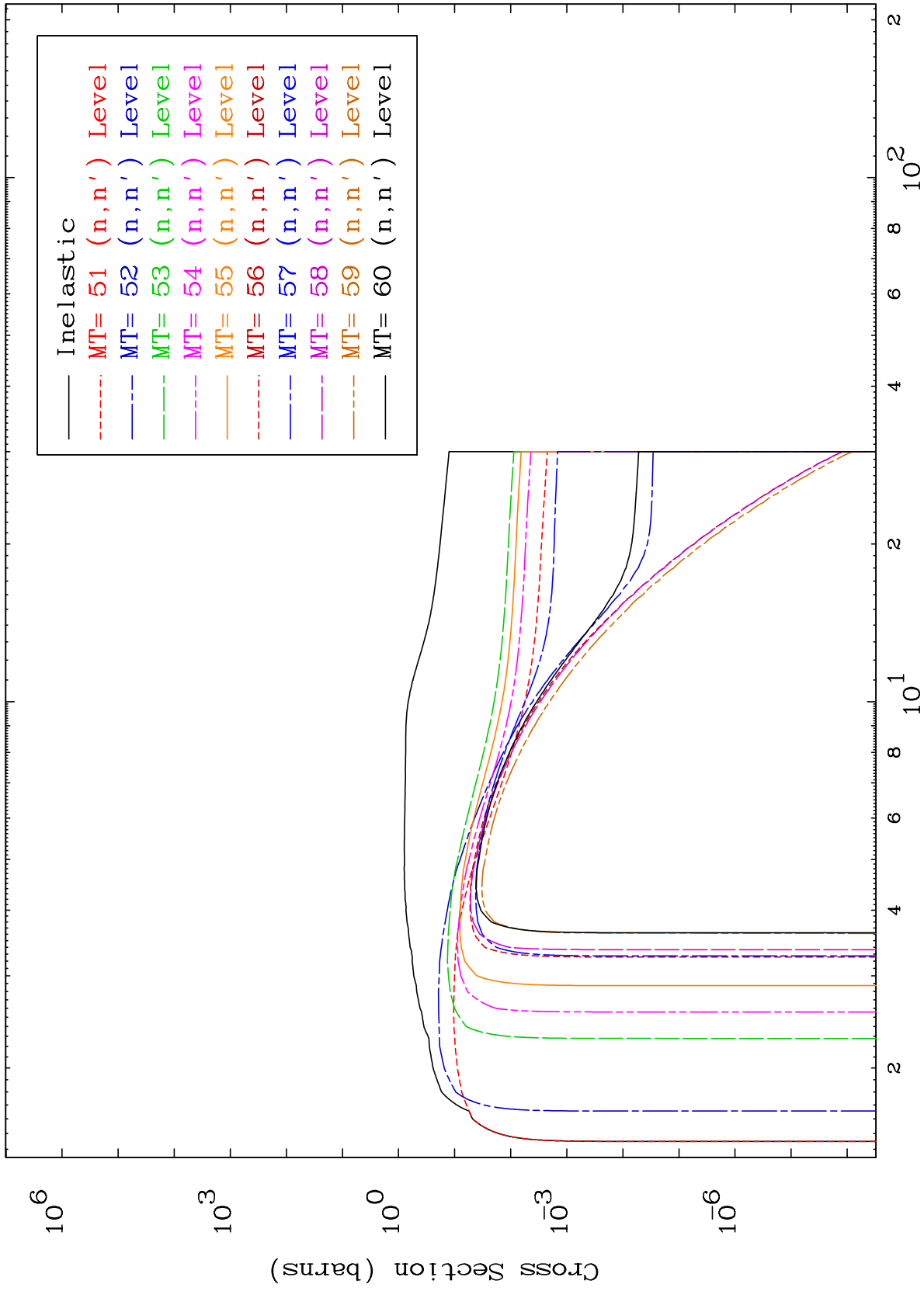
18-Ar-37



MAT 1828

(n,n') Level  
293 Kelvin Cross Sections

18-Ar-37



6

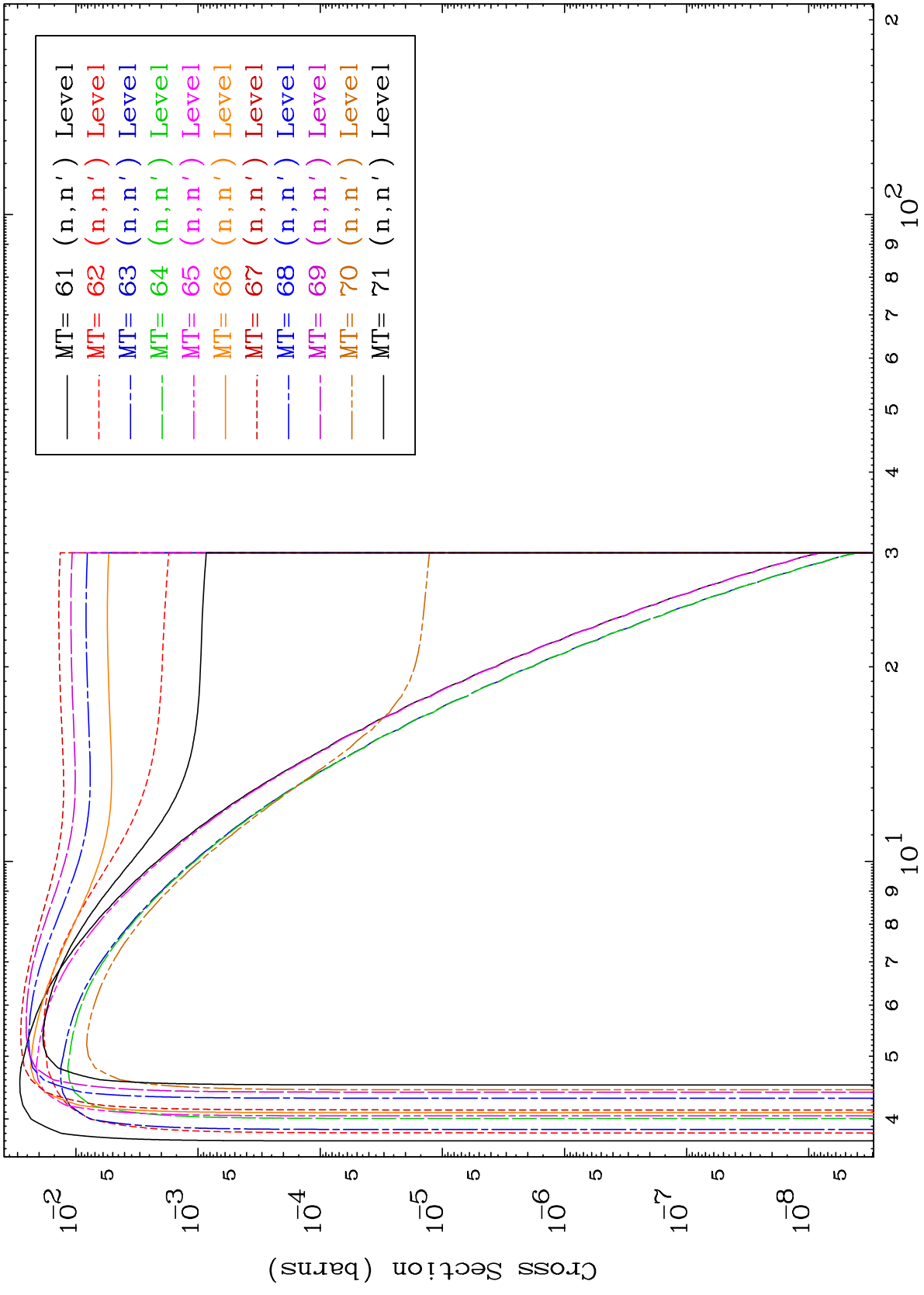
Incident Energy (MeV)

18-Ar-37

MAT 1828

(n,n') Level  
293 Kelvin Cross Sections

18-Ar-37



7

Incident Energy (MeV)

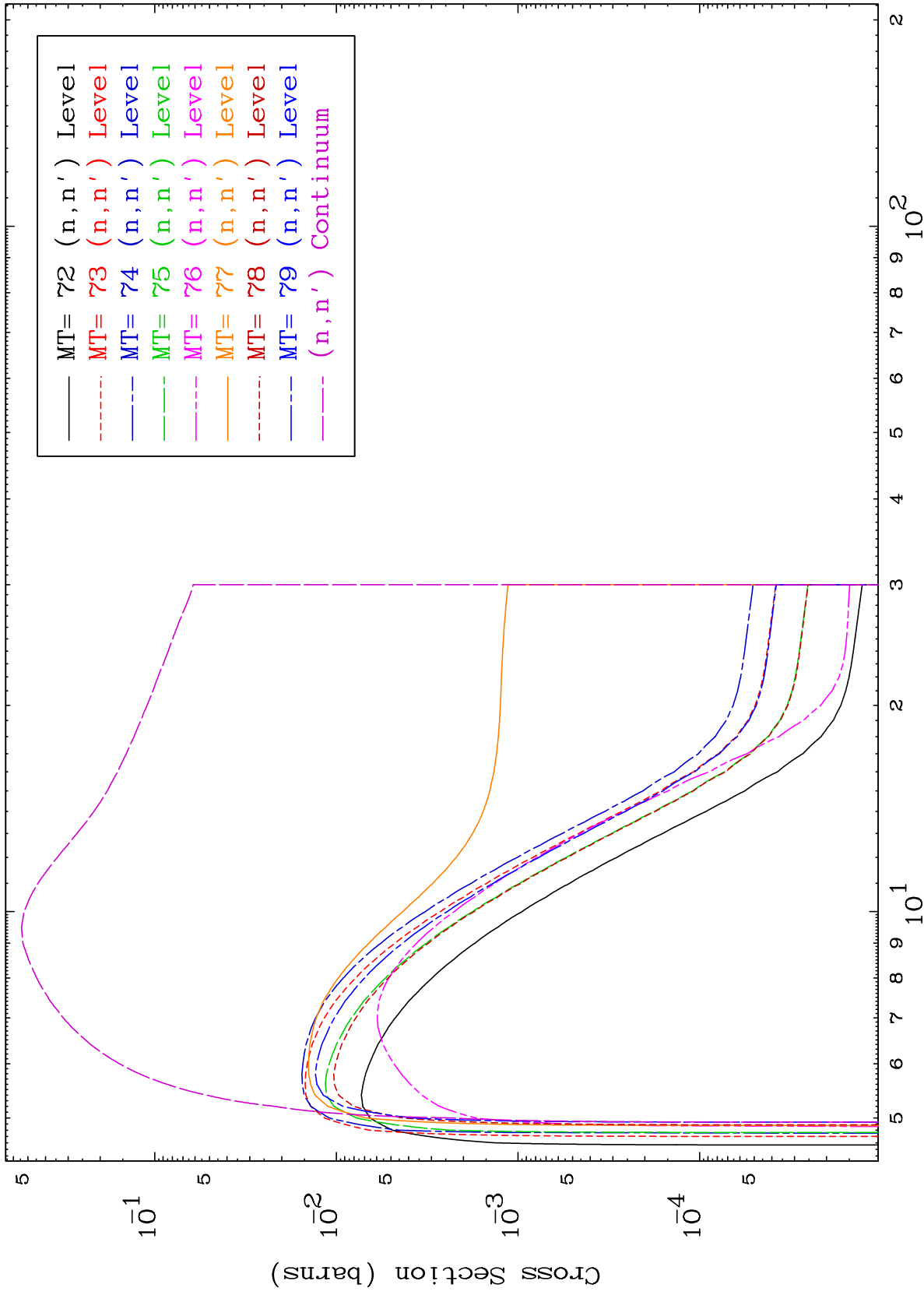
18-Ar-37



MAT 1828

(n,n') Level  
293 Kelvin Cross Sections

18-Ar-37



8

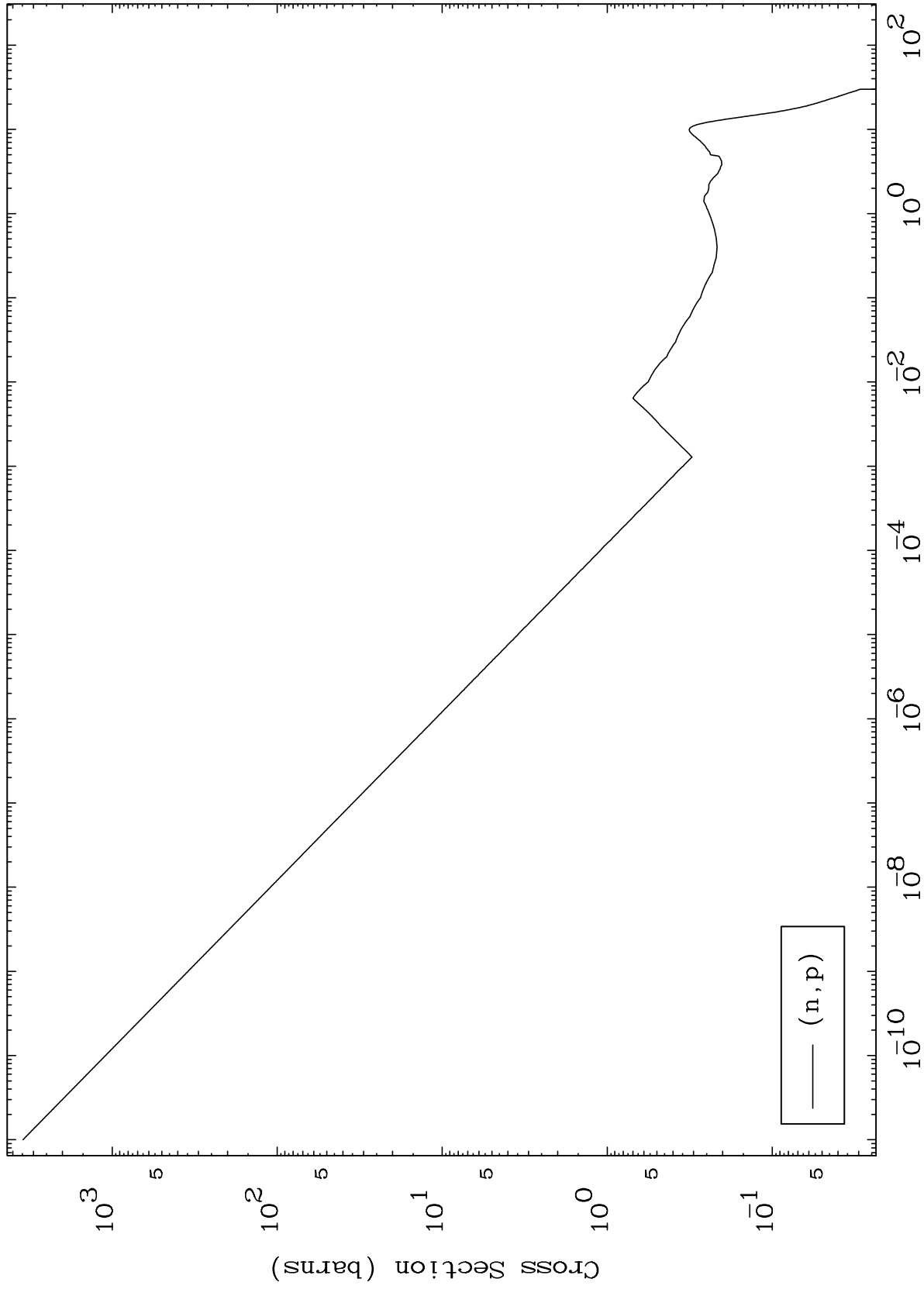
Incident Energy (MeV)

18-Ar-37

MAT 1828

(n,p) Levels  
293 Kelvin Cross Sections

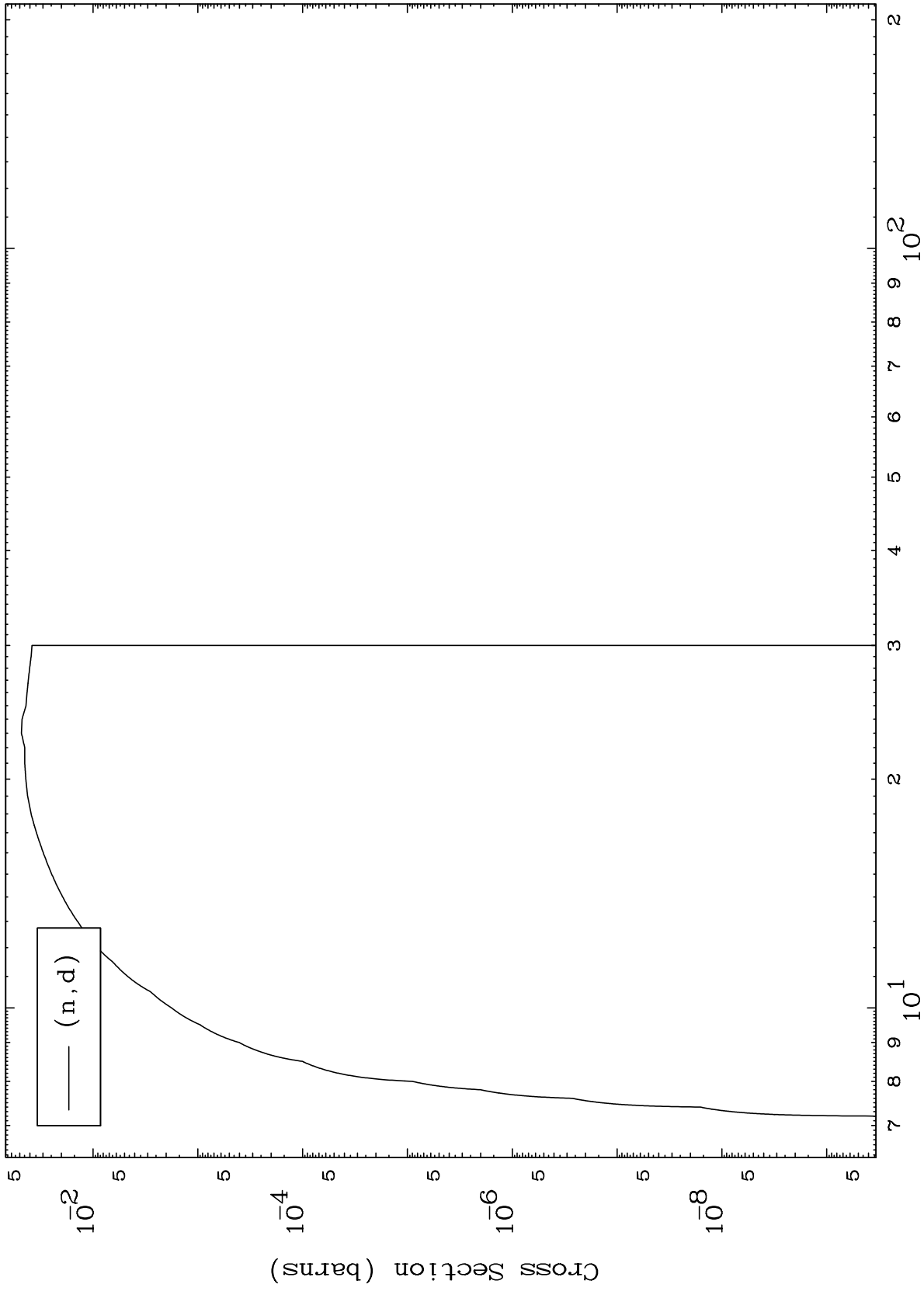
18-Ar-37



MAT 1828

(n,d) Levels  
293 Kelvin Cross Sections

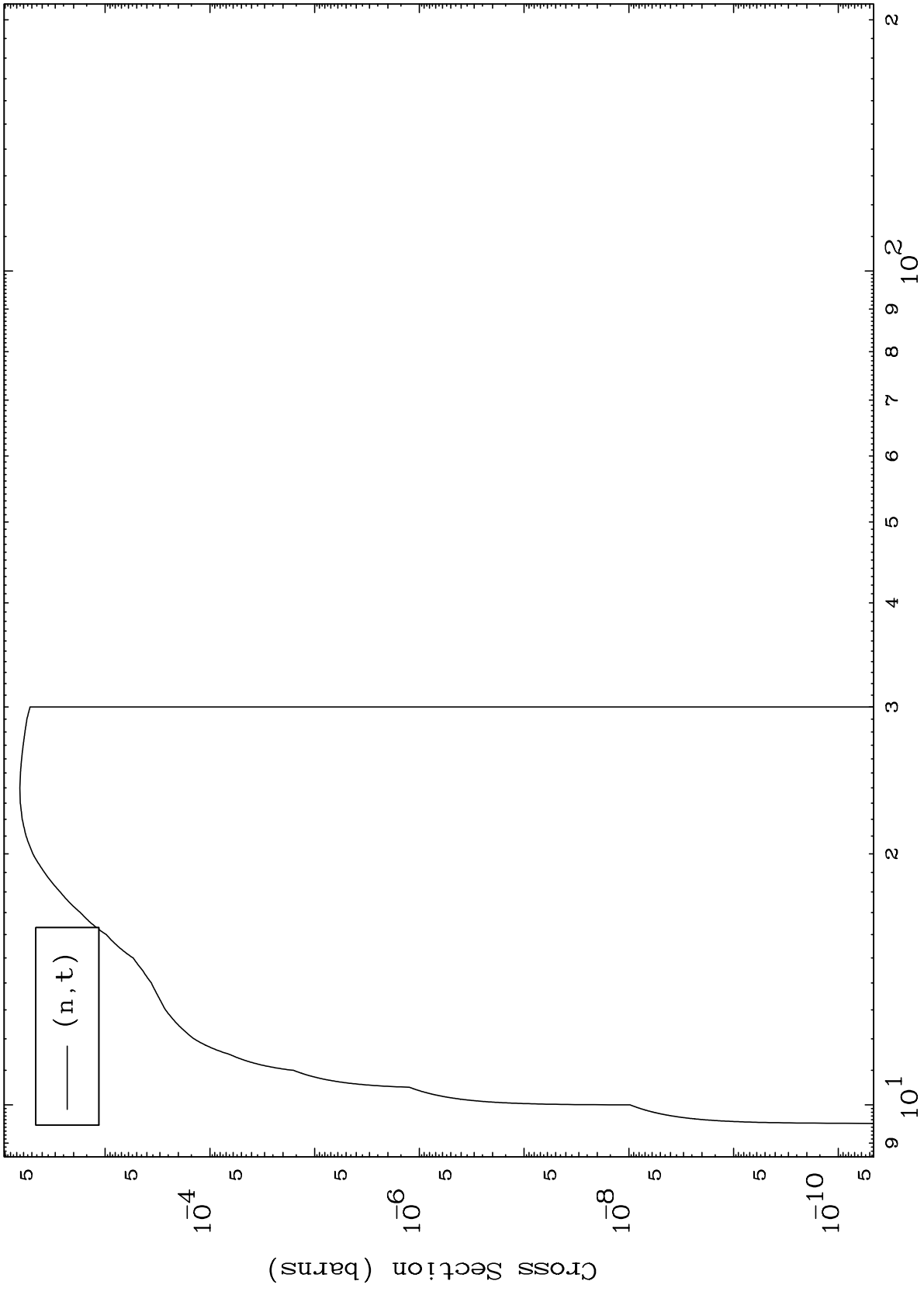
18-Ar-37



10

Incident Energy (MeV)

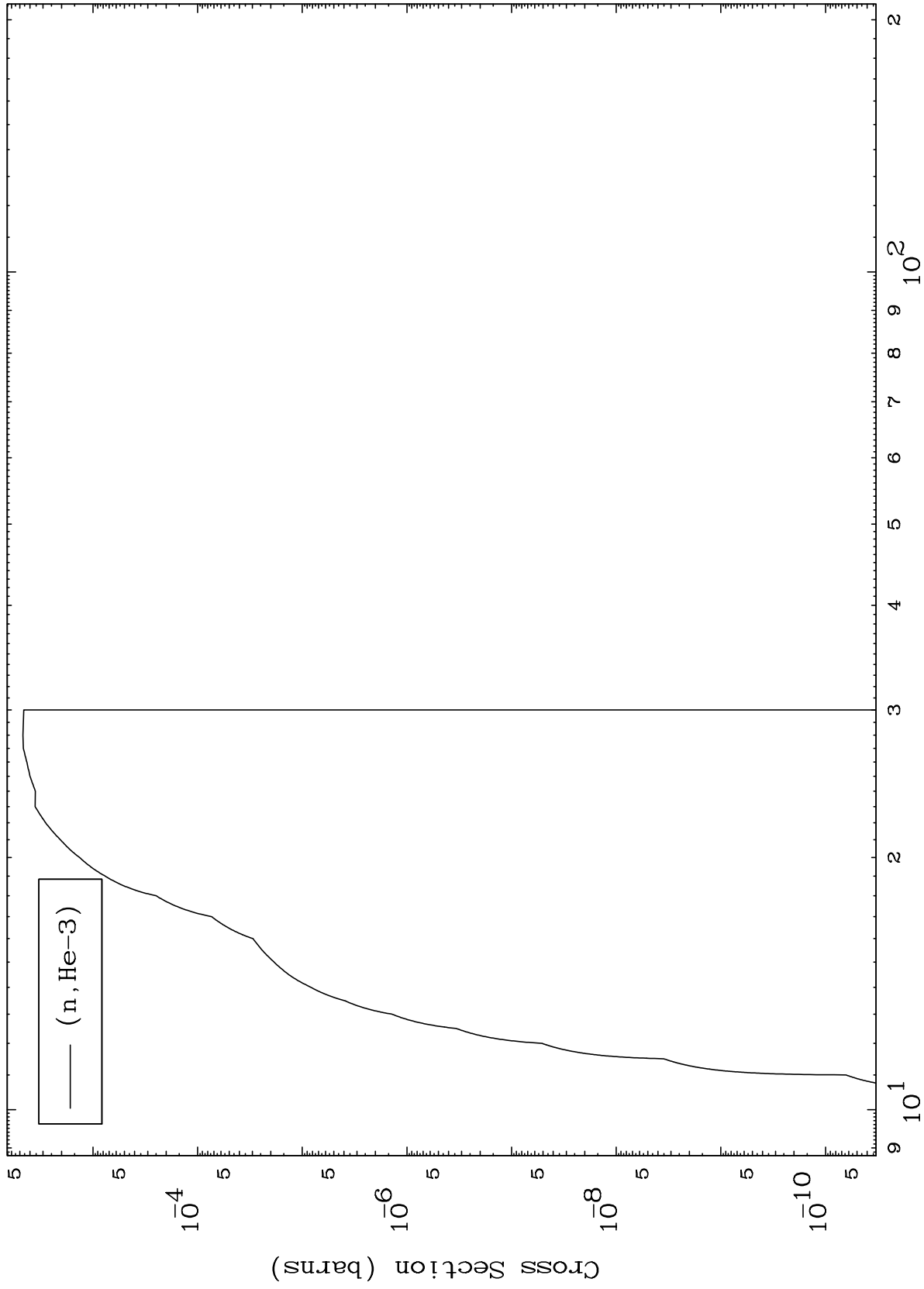
18-Ar-37



MAT 1828

(n,He3) Levels  
293 Kelvin Cross Sections

18-Ar-37



12

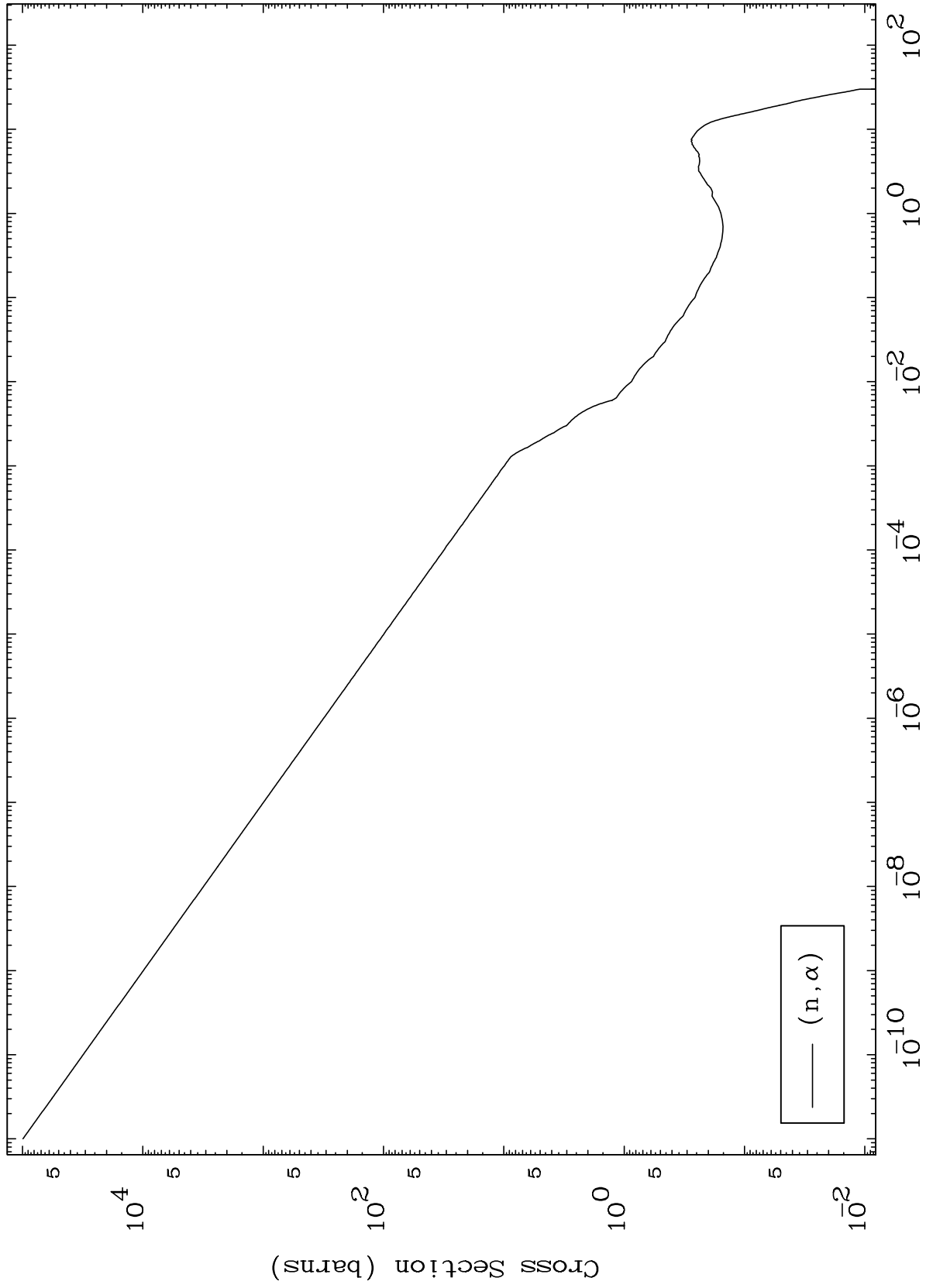
Incident Energy (MeV)

18-Ar-37

MAT 1828

(n,α) Levels  
293 Kelvin Cross Sections

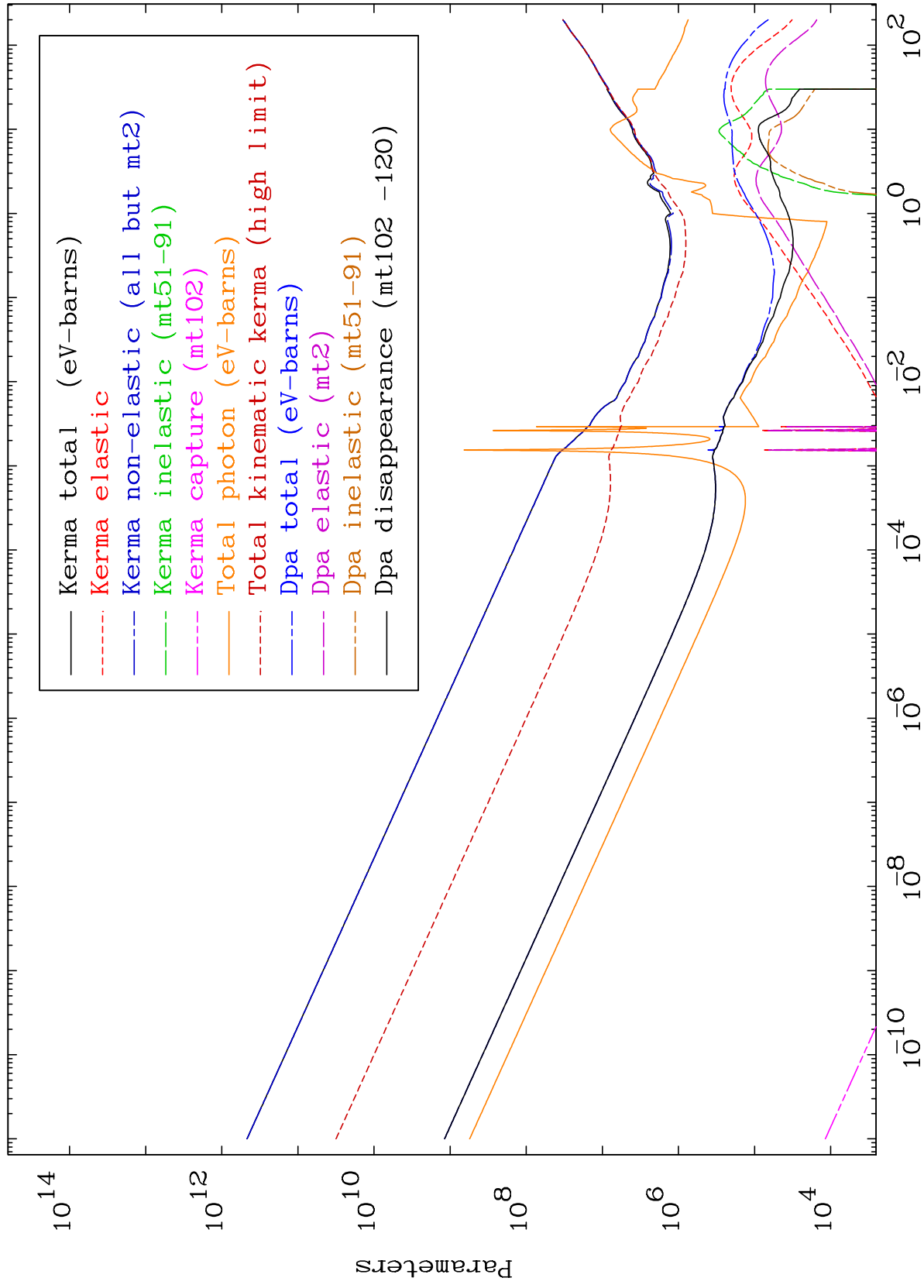
18-Ar-37



13

Incident Energy (MeV)

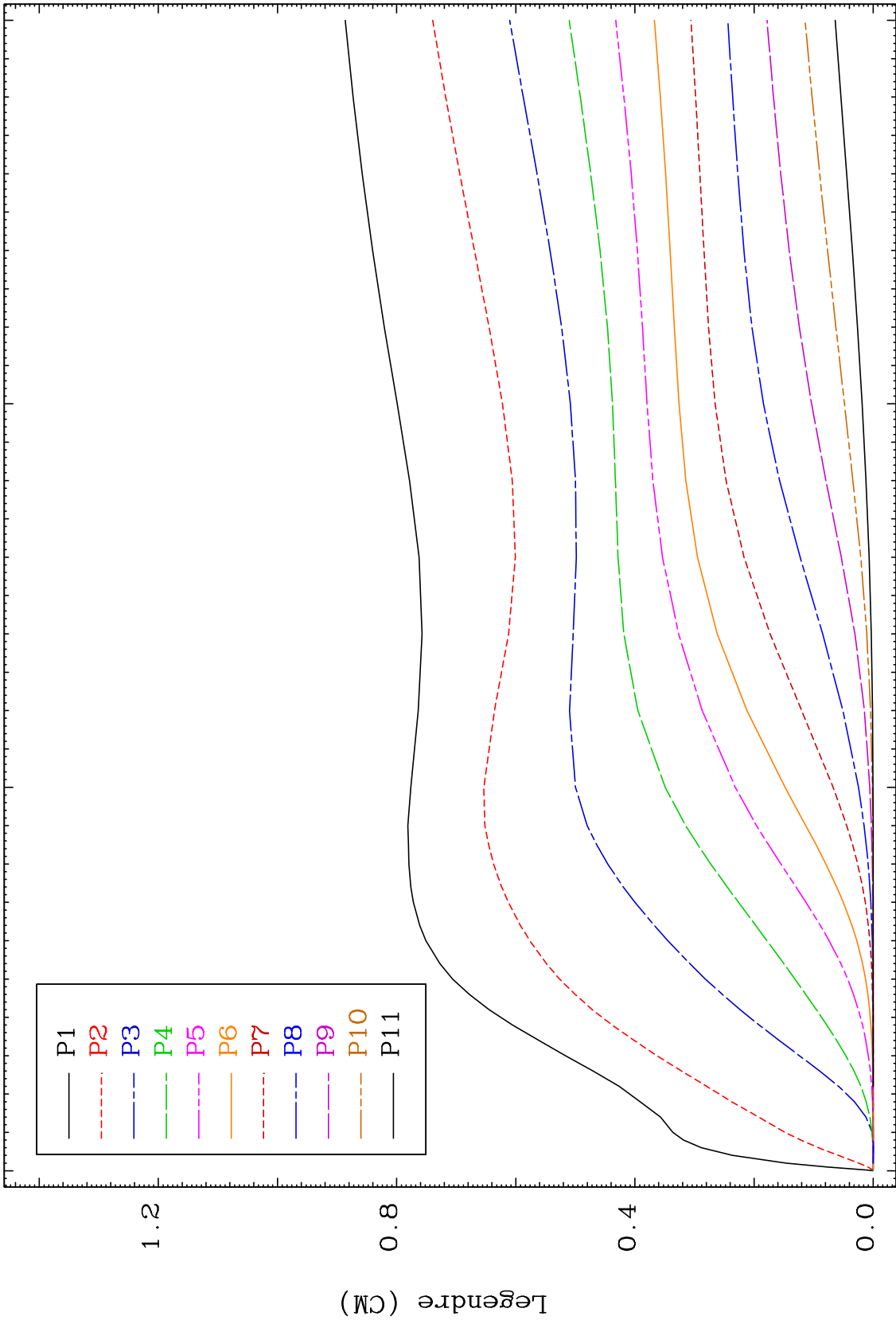
18-Ar-37



MAT 1828

Elastic Legendre Coefficients

18-Ar-37



15

Incident Energy (MeV)

18-Ar-37

30

20

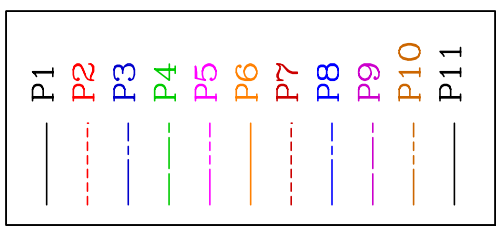
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1.2

0.8

0.4

0.0

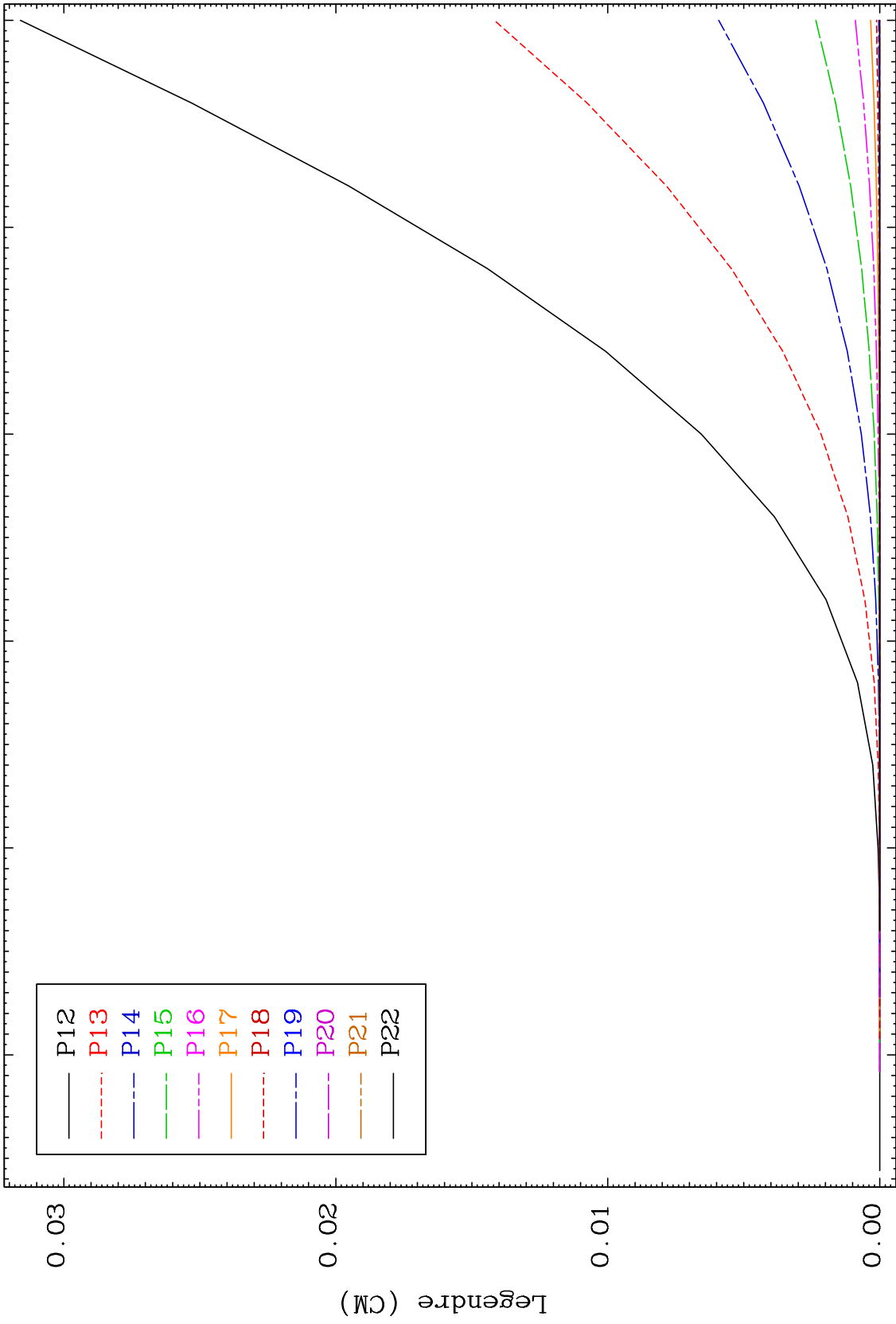




MAT 1828

Elastic Legendre Coefficients

18-Ar-37



16

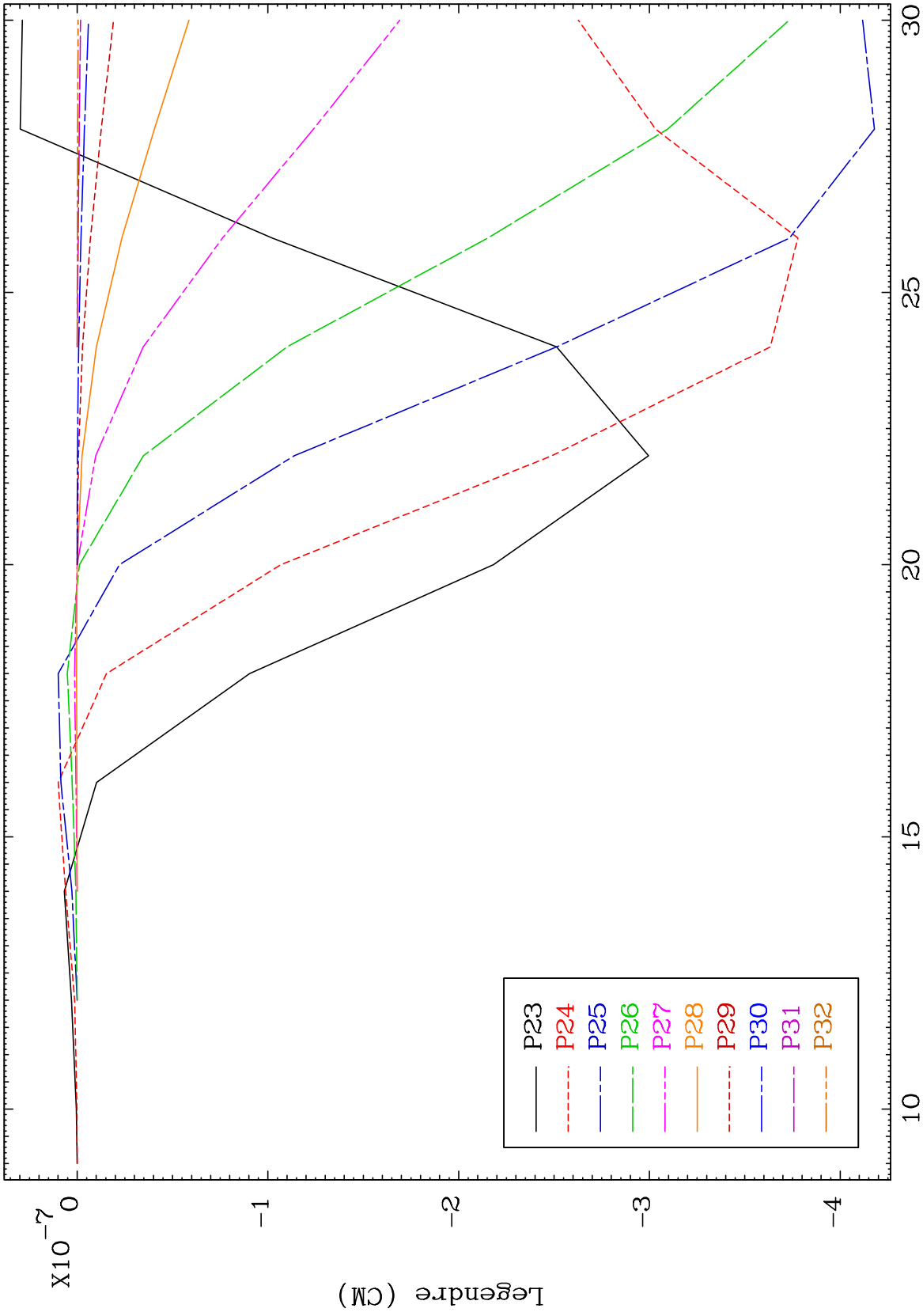
Incident Energy (MeV)

18-Ar-37

MAT 1828

Elastic Legendre Coefficients

18-Ar-37



17

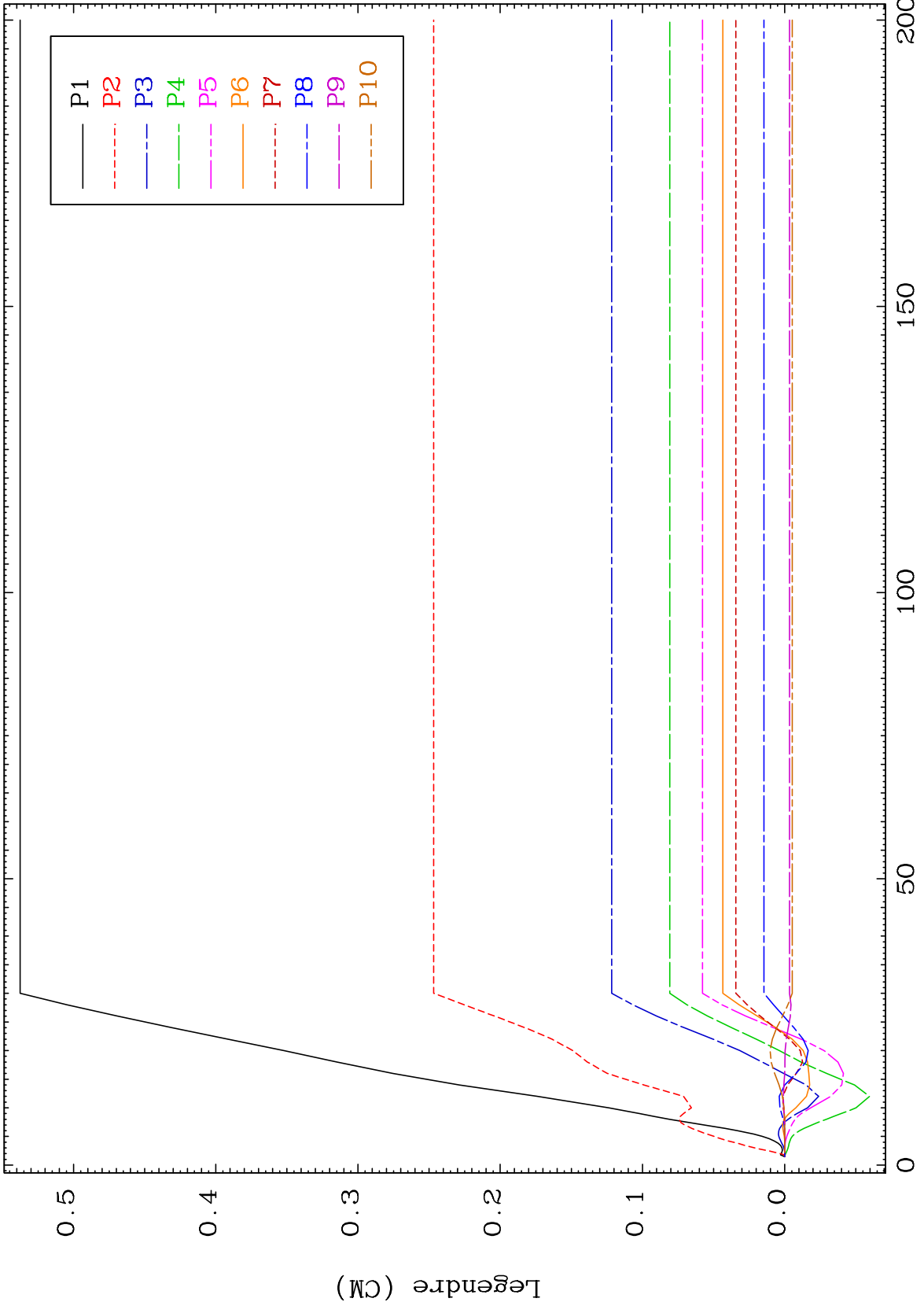
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



18

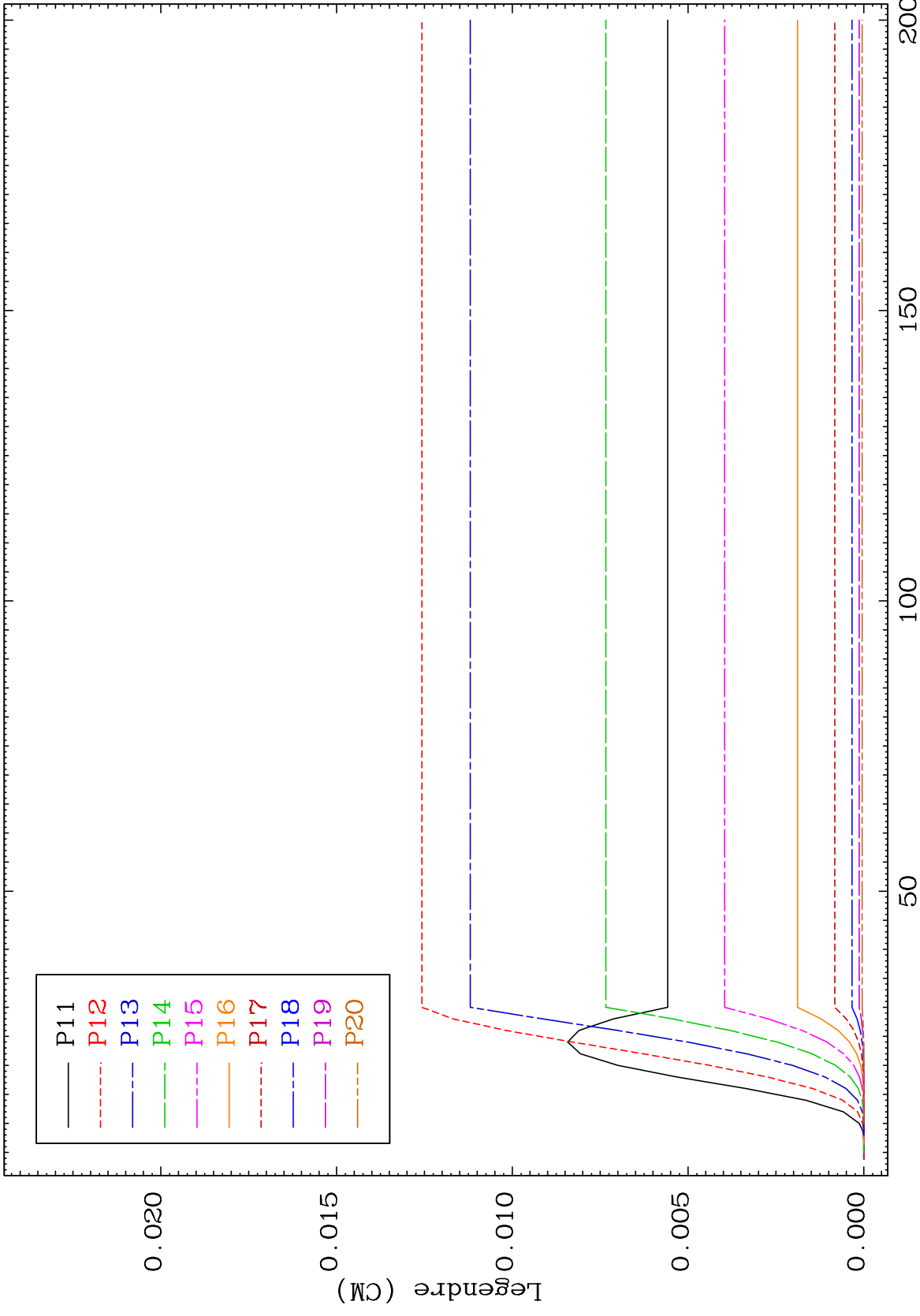
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



19

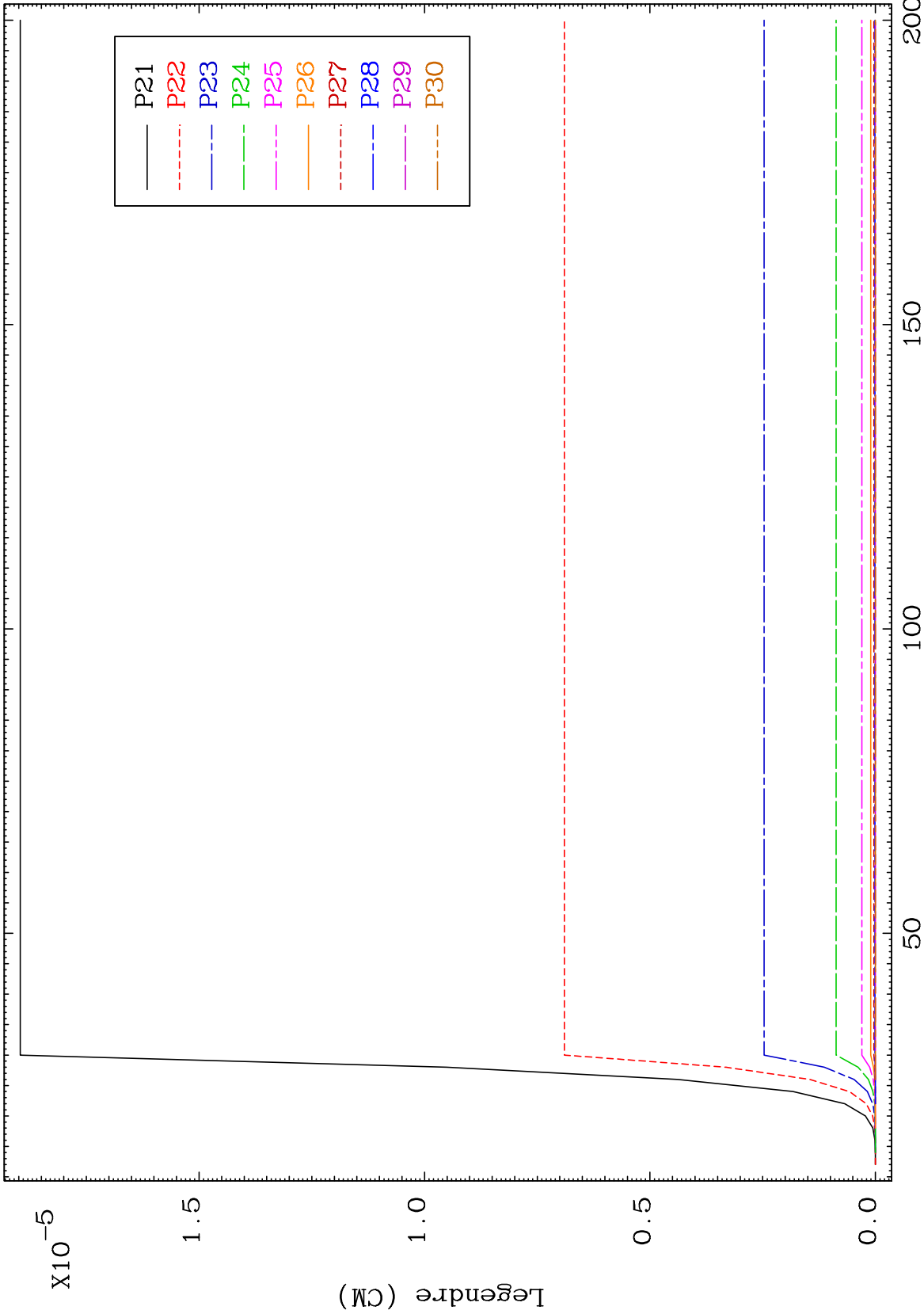
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



20

50

100

150

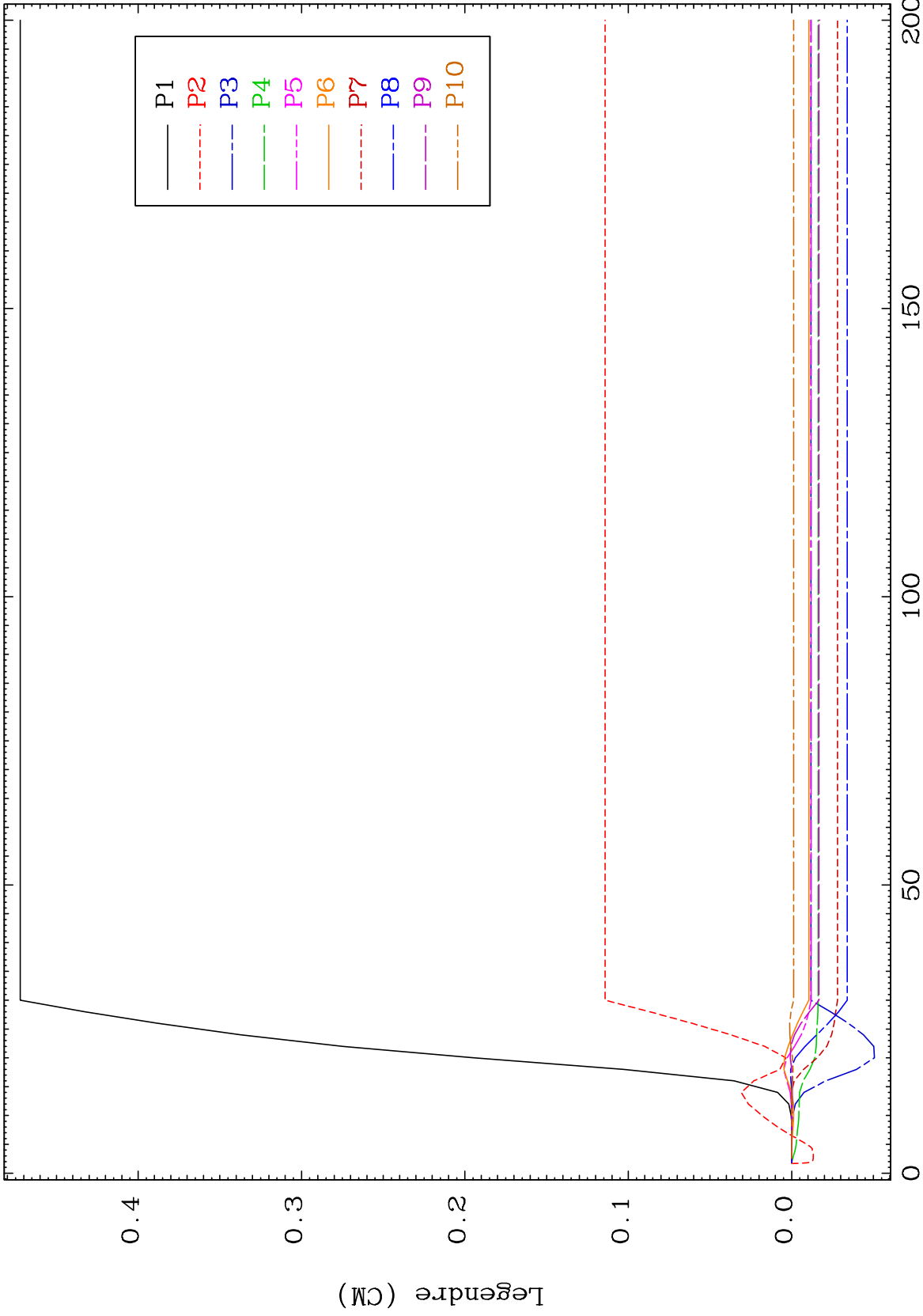
200

18-Ar-37

MAT 1828

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

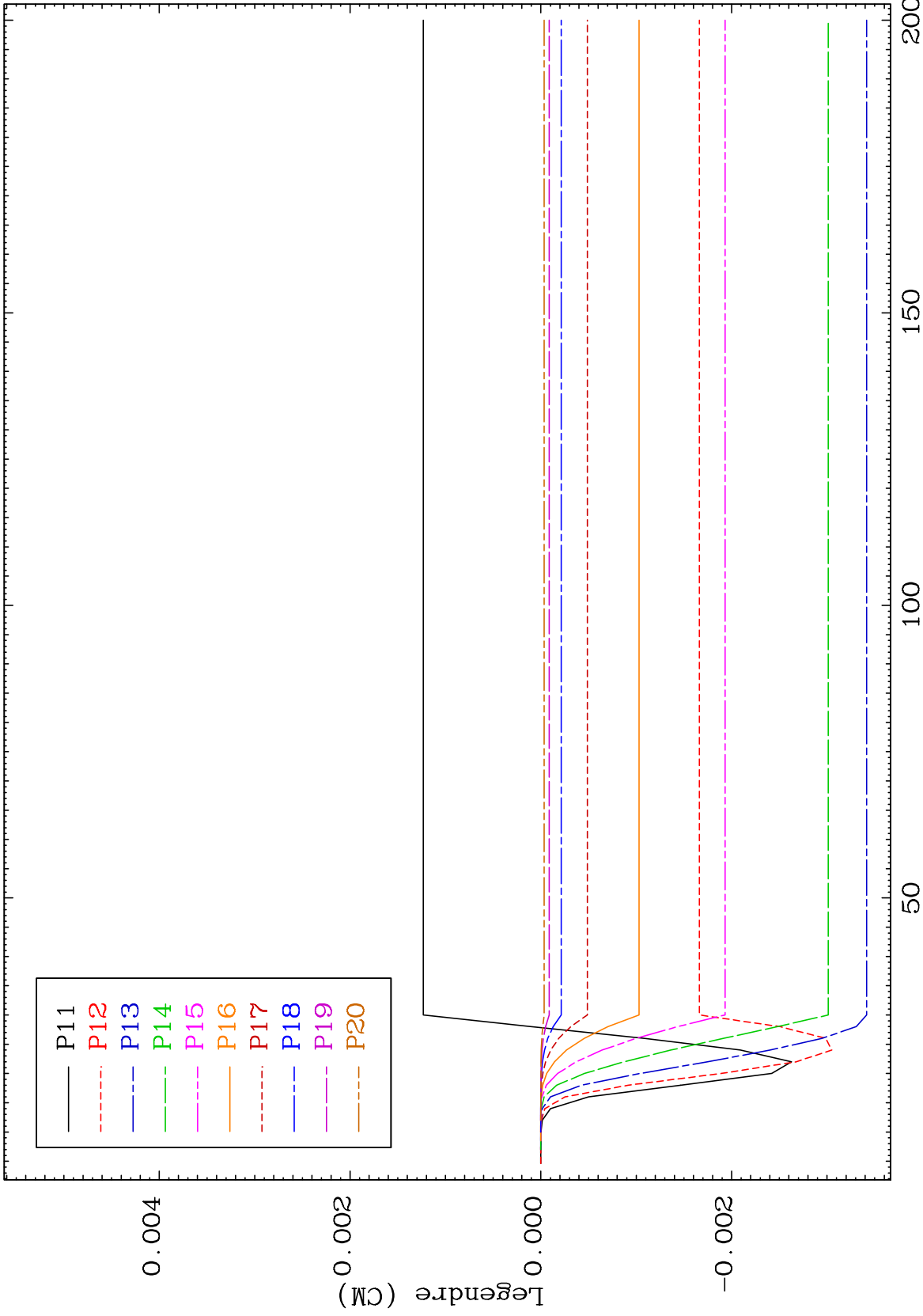
18-Ar-37



21

Incident Energy (MeV)

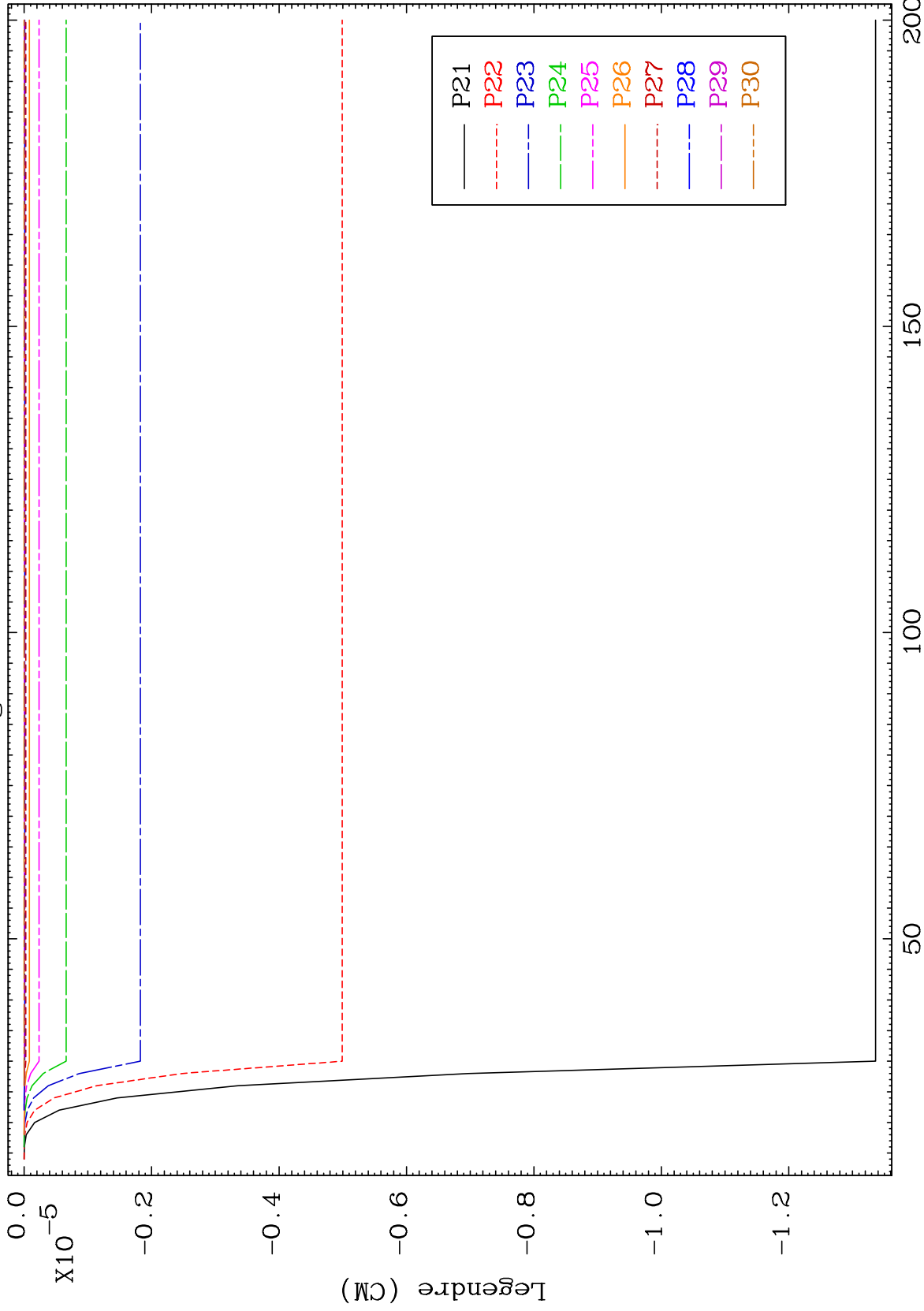
18-Ar-37



MAT 1828

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

18-Ar-37



23

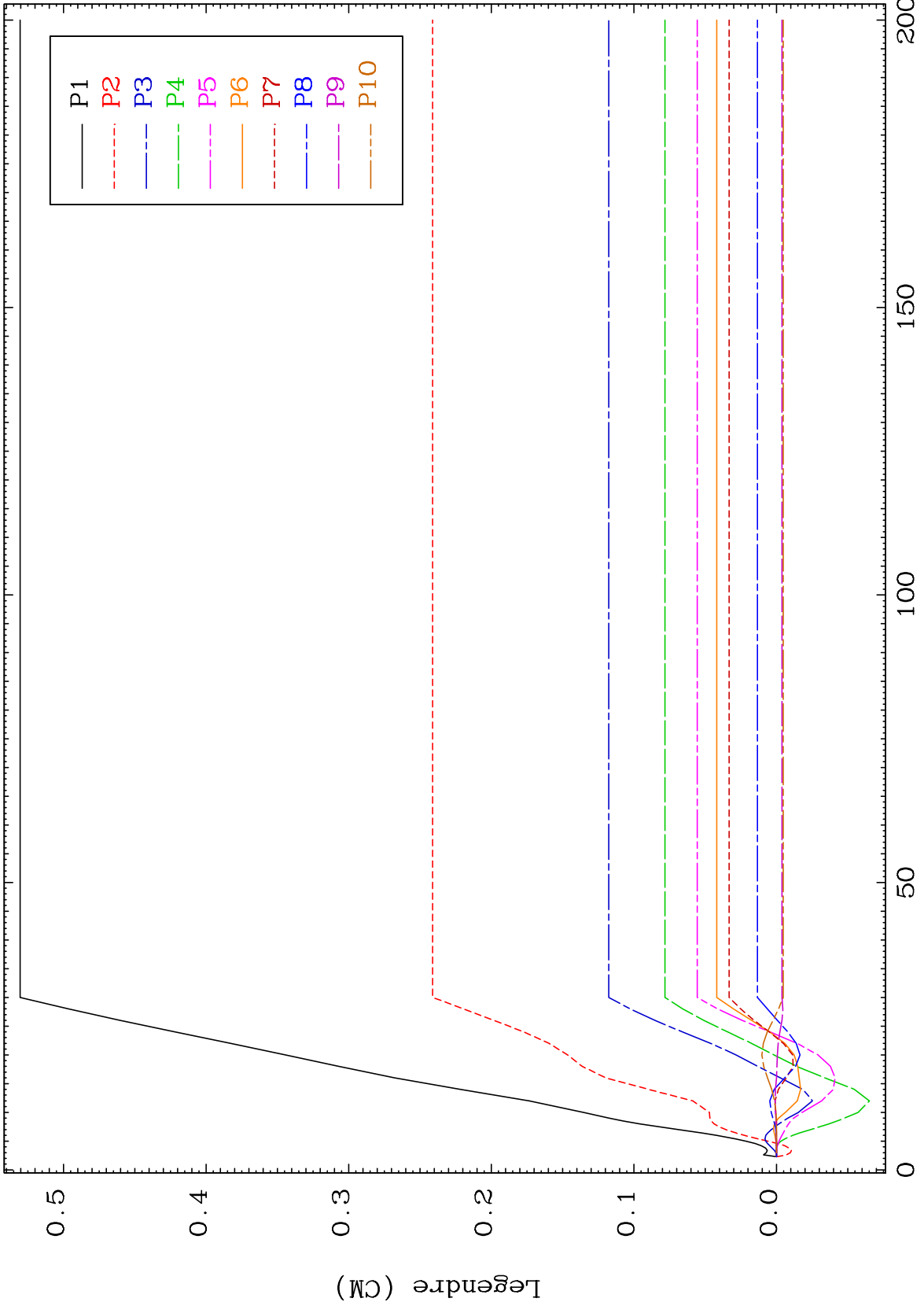
18-Ar-37



MAT 1828

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

18-Ar-37



24

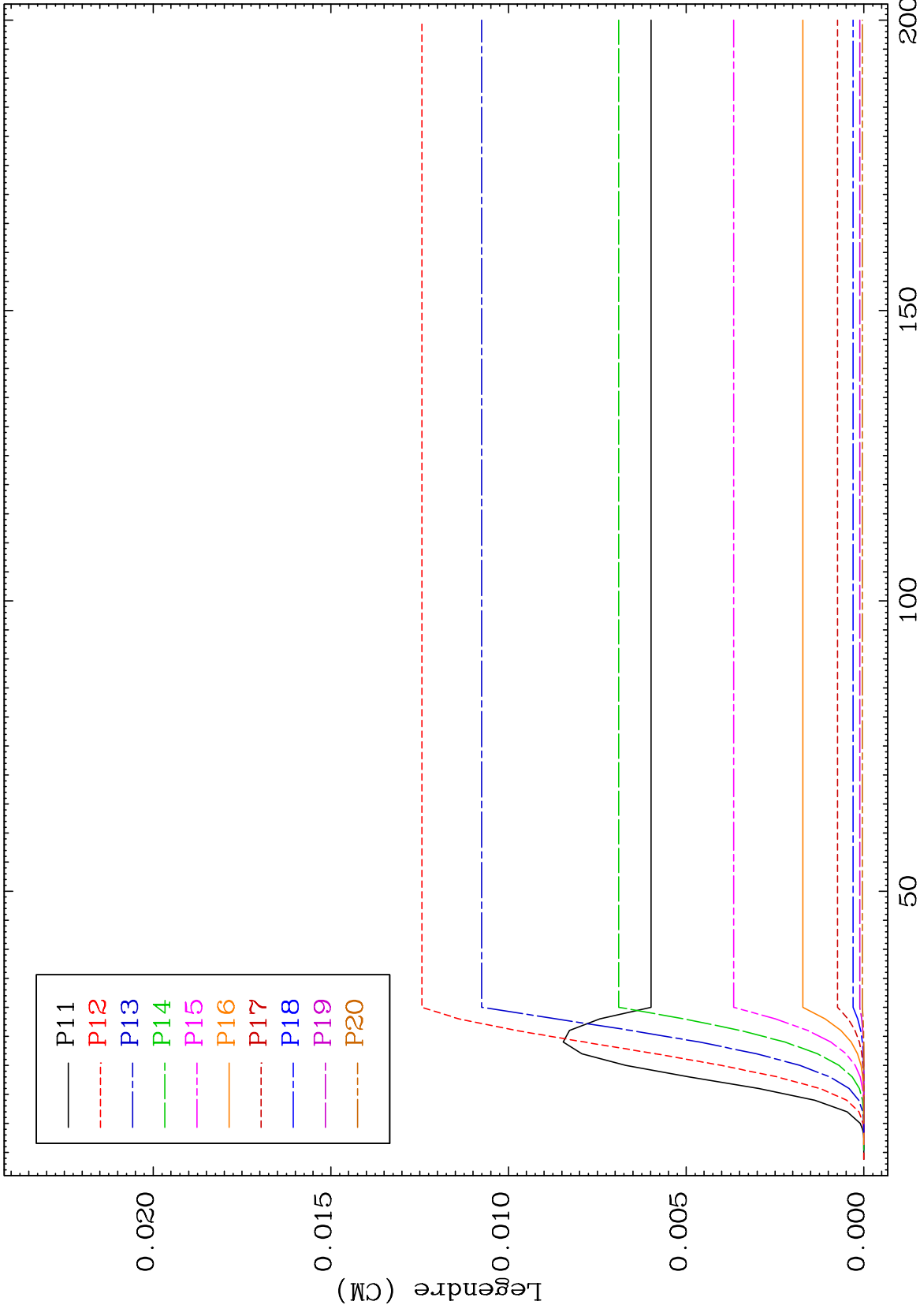
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



25

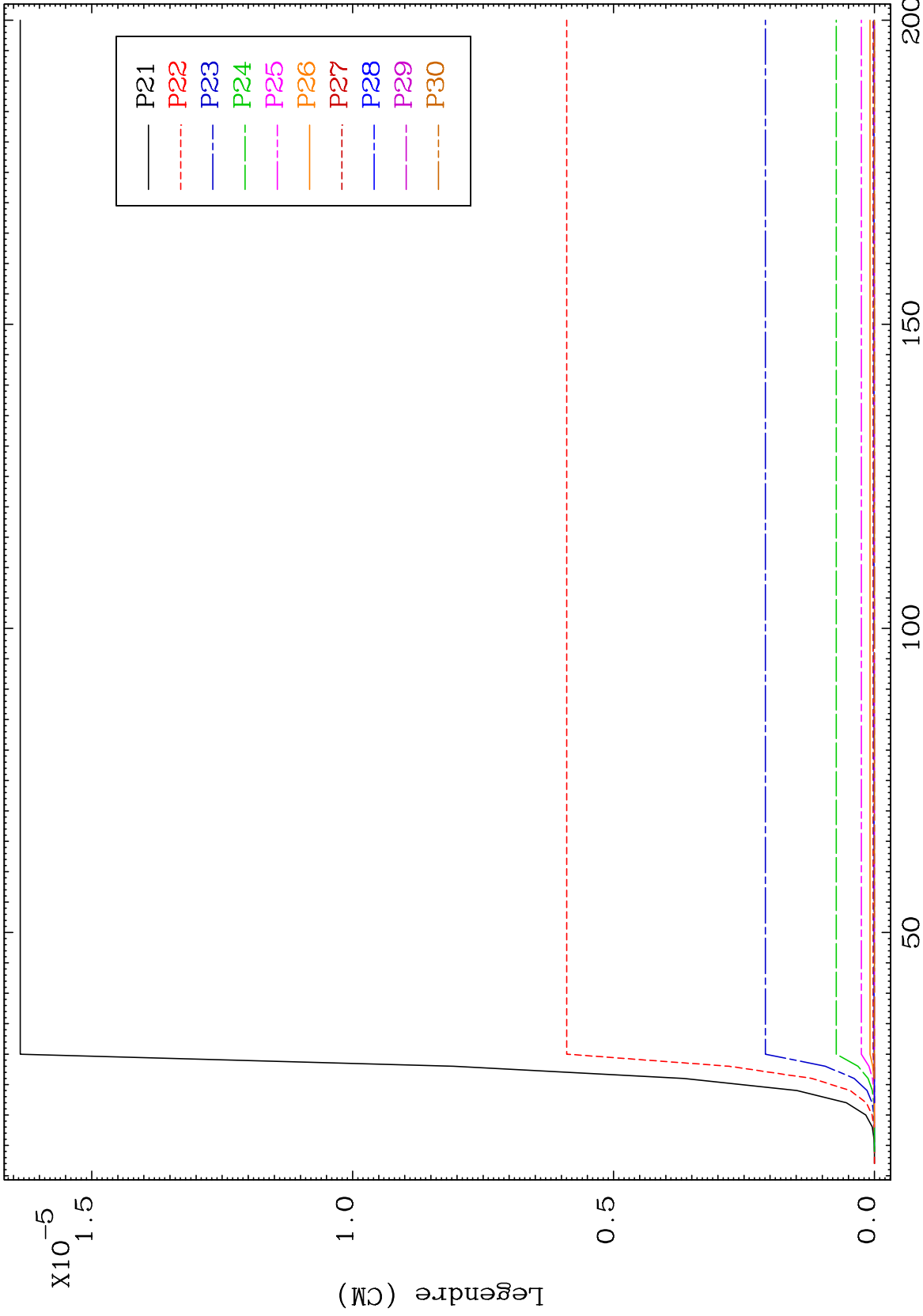
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



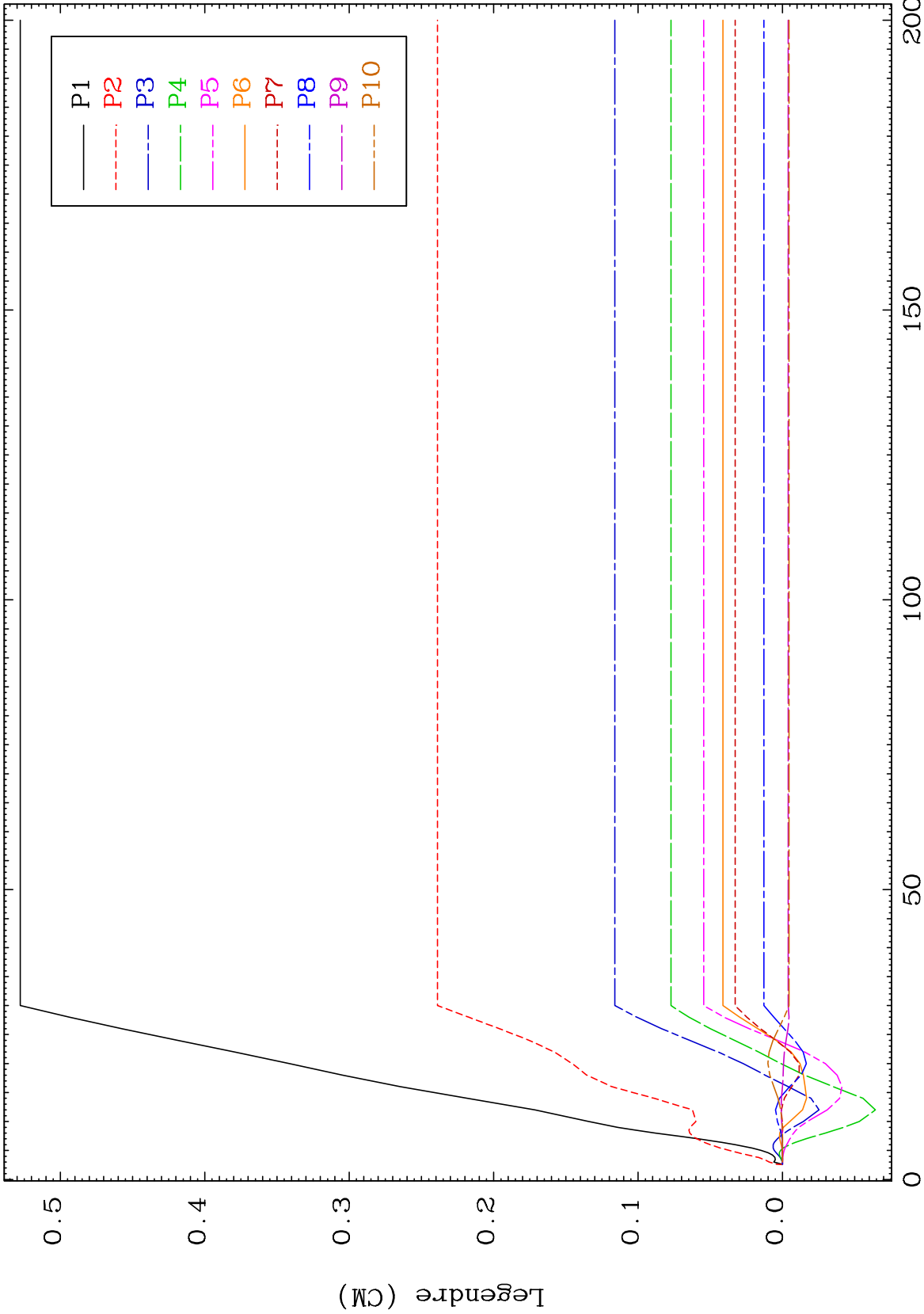
26

18-Ar-37

MAT 1828

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

18-Ar-37



27

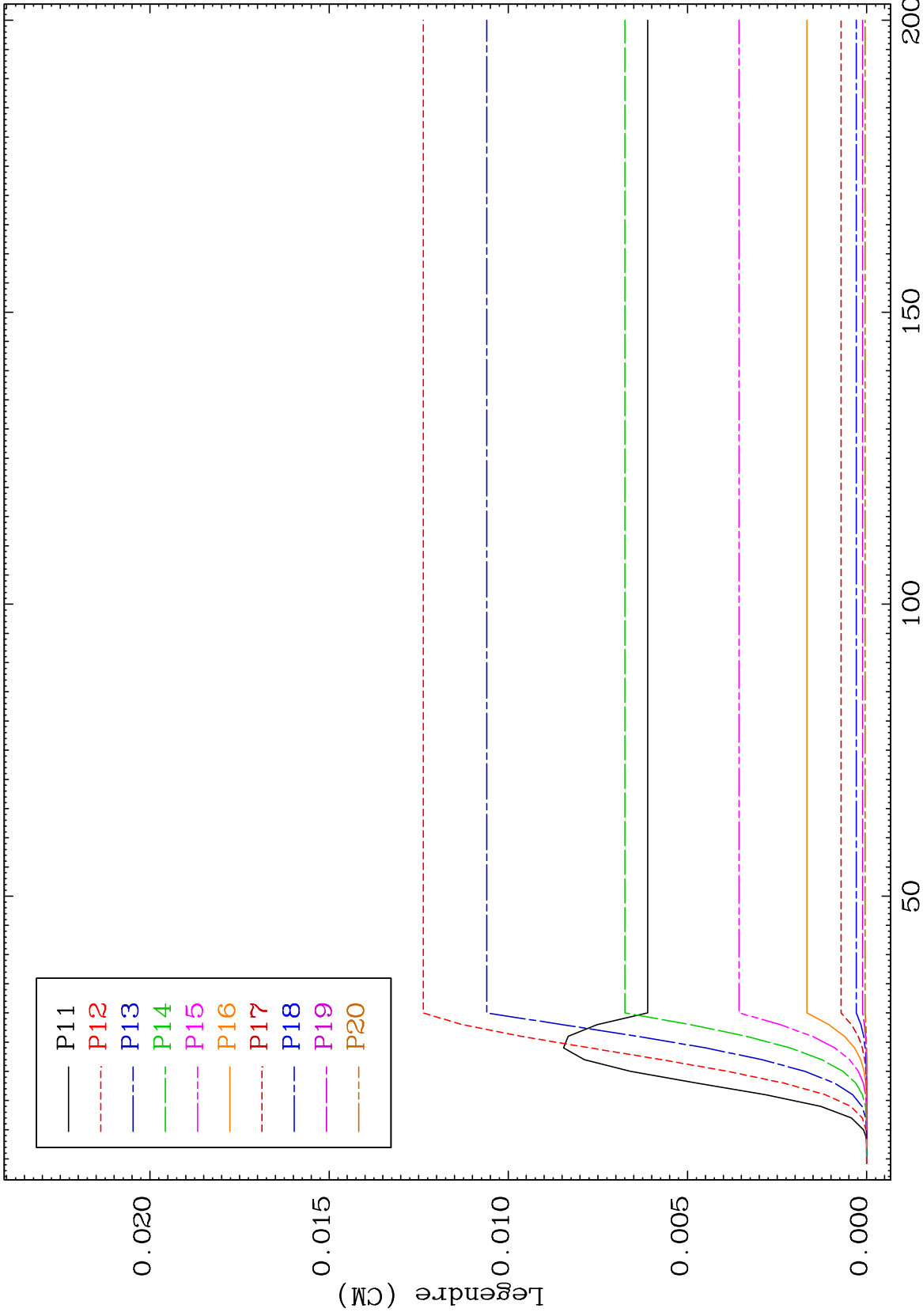
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



28

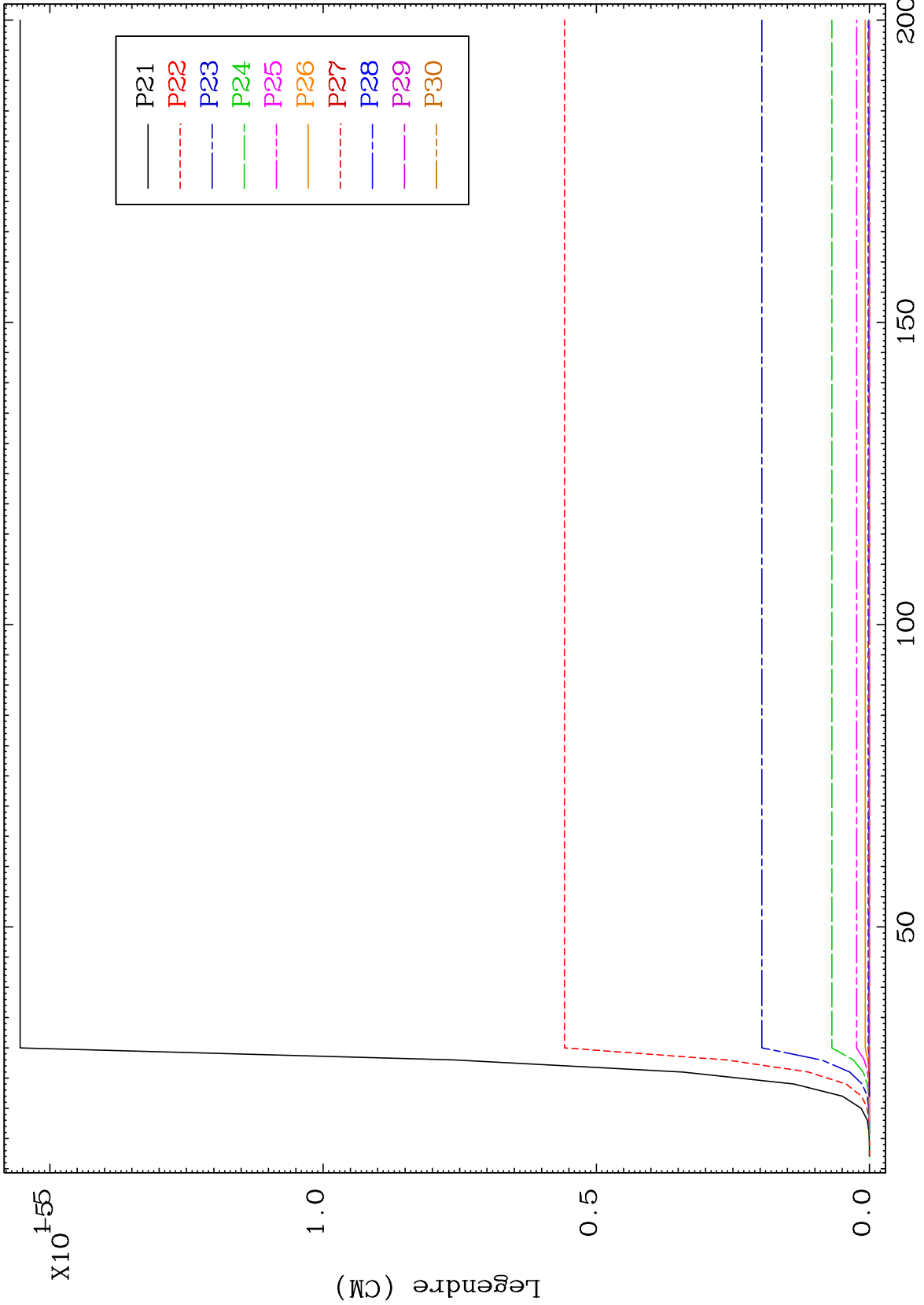
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



29

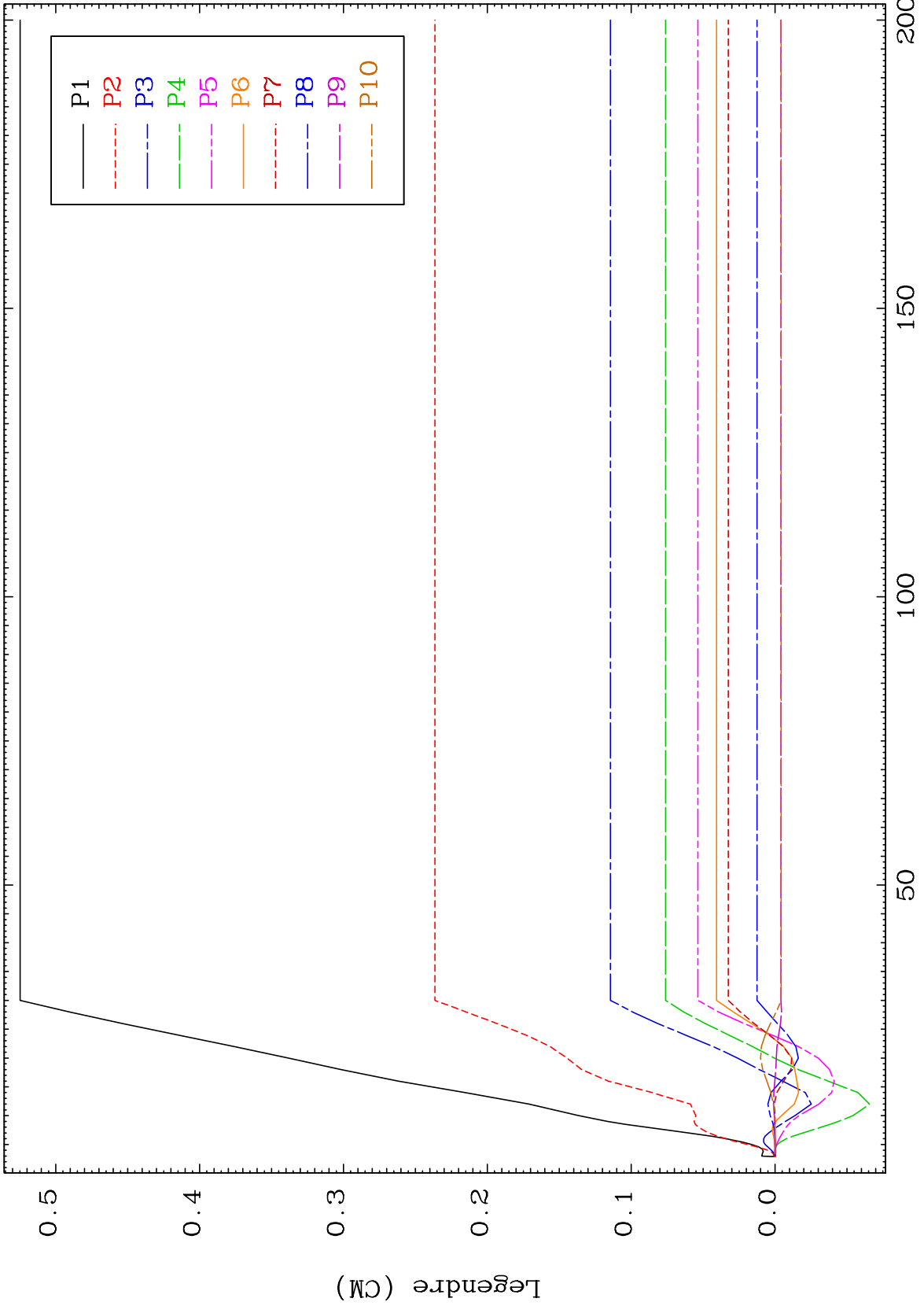
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



30

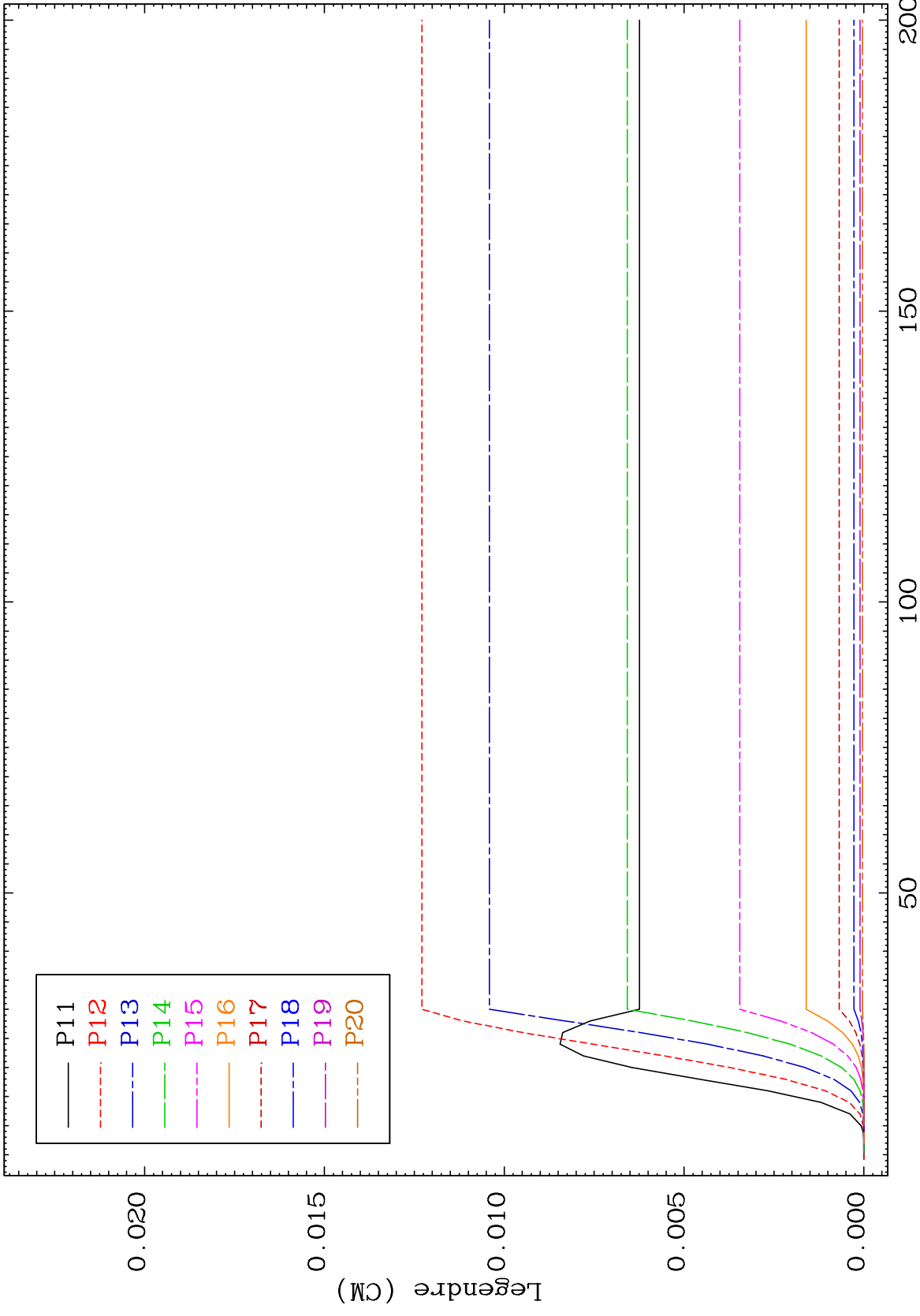
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



31

Incident Energy (MeV)

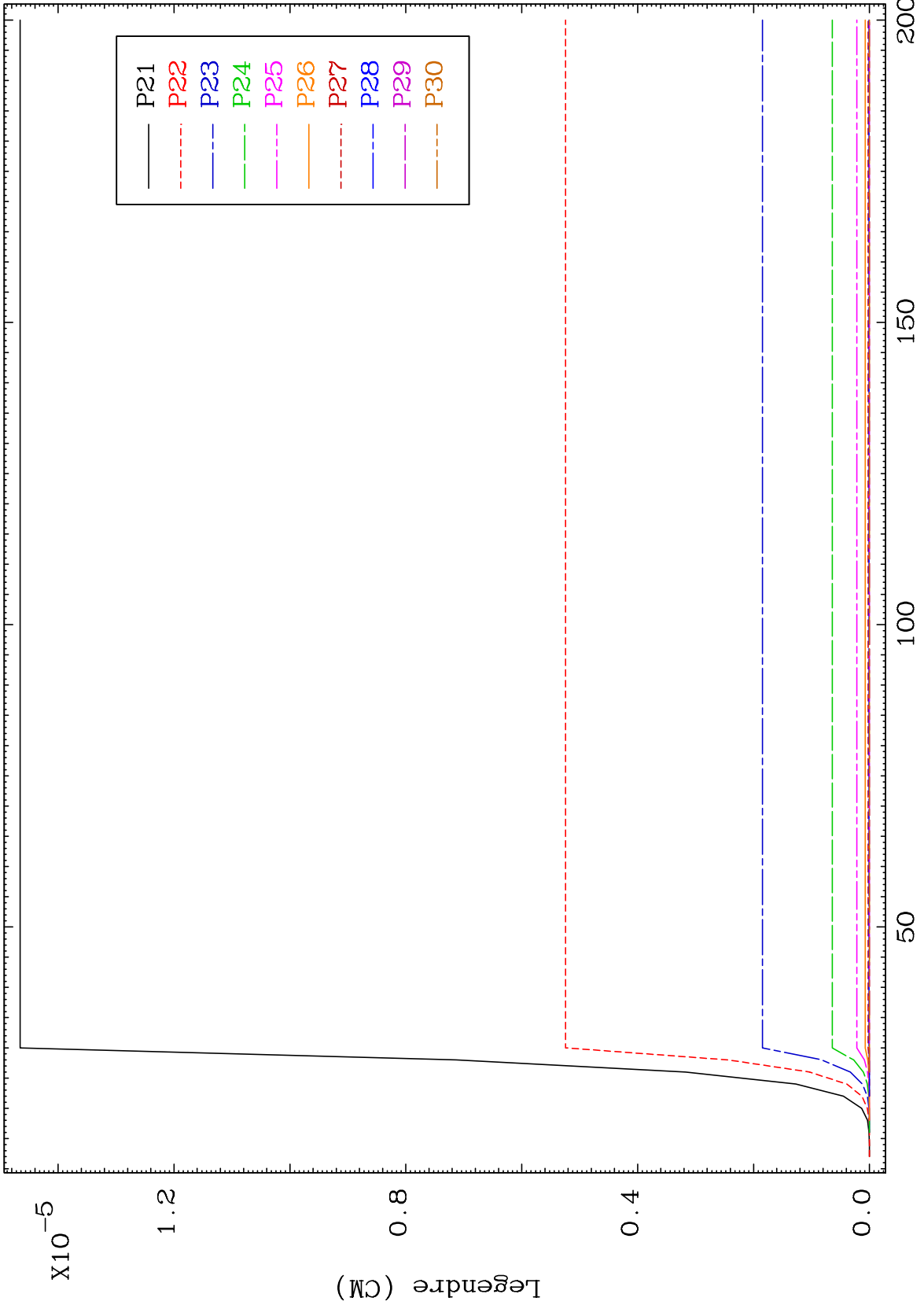
18-Ar-37



MAT 1828

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

18-Ar-37



32

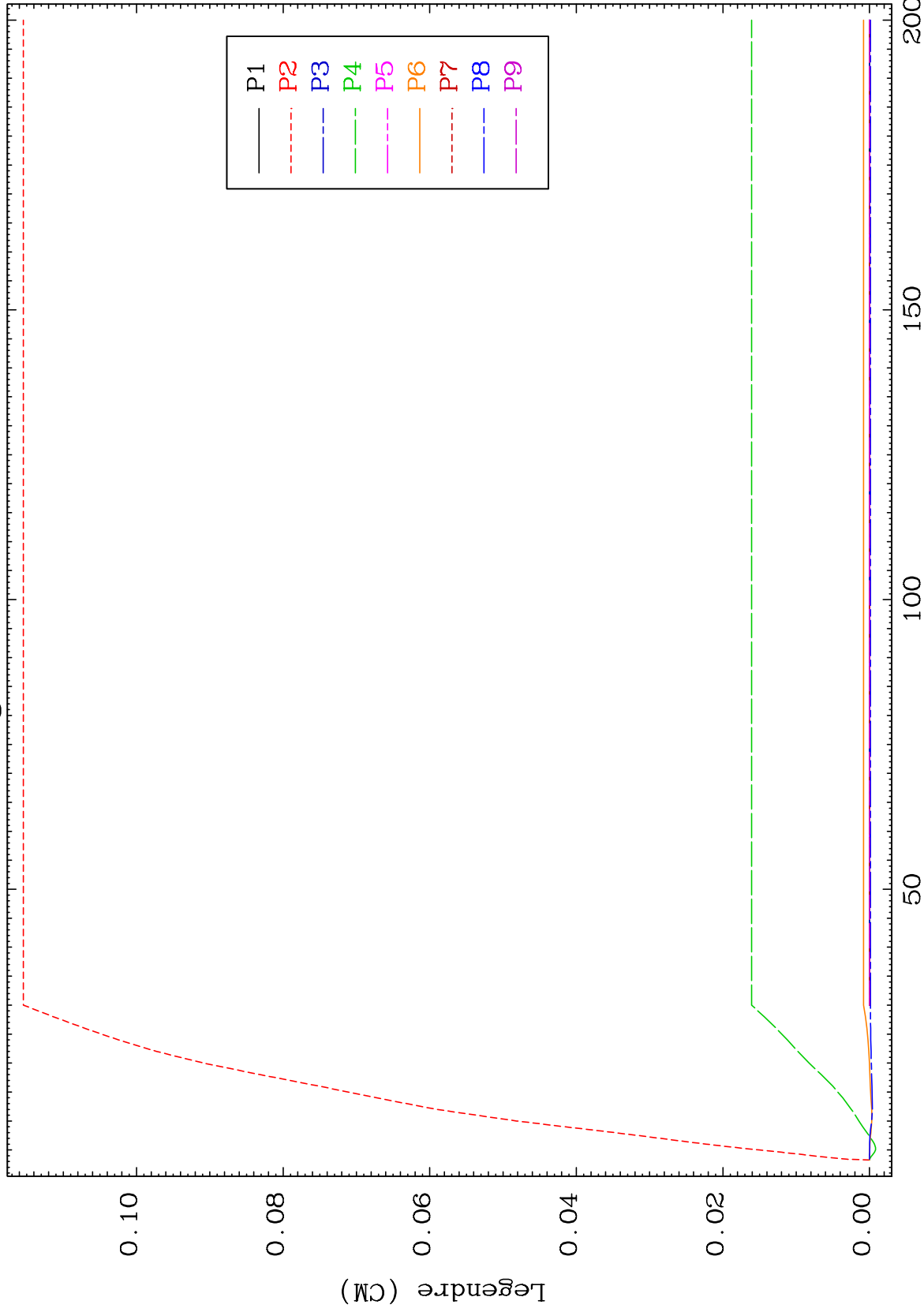
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



33

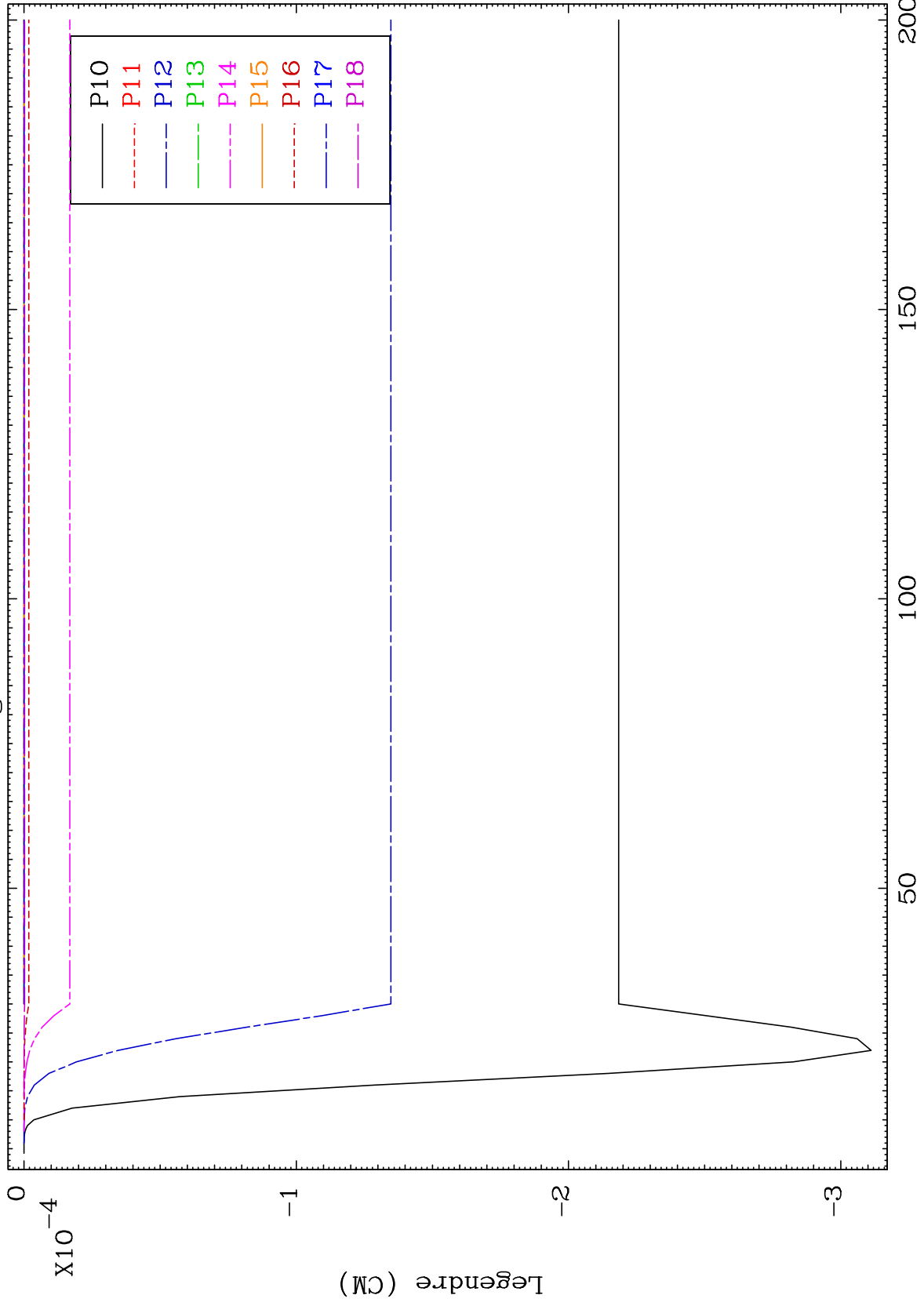
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37

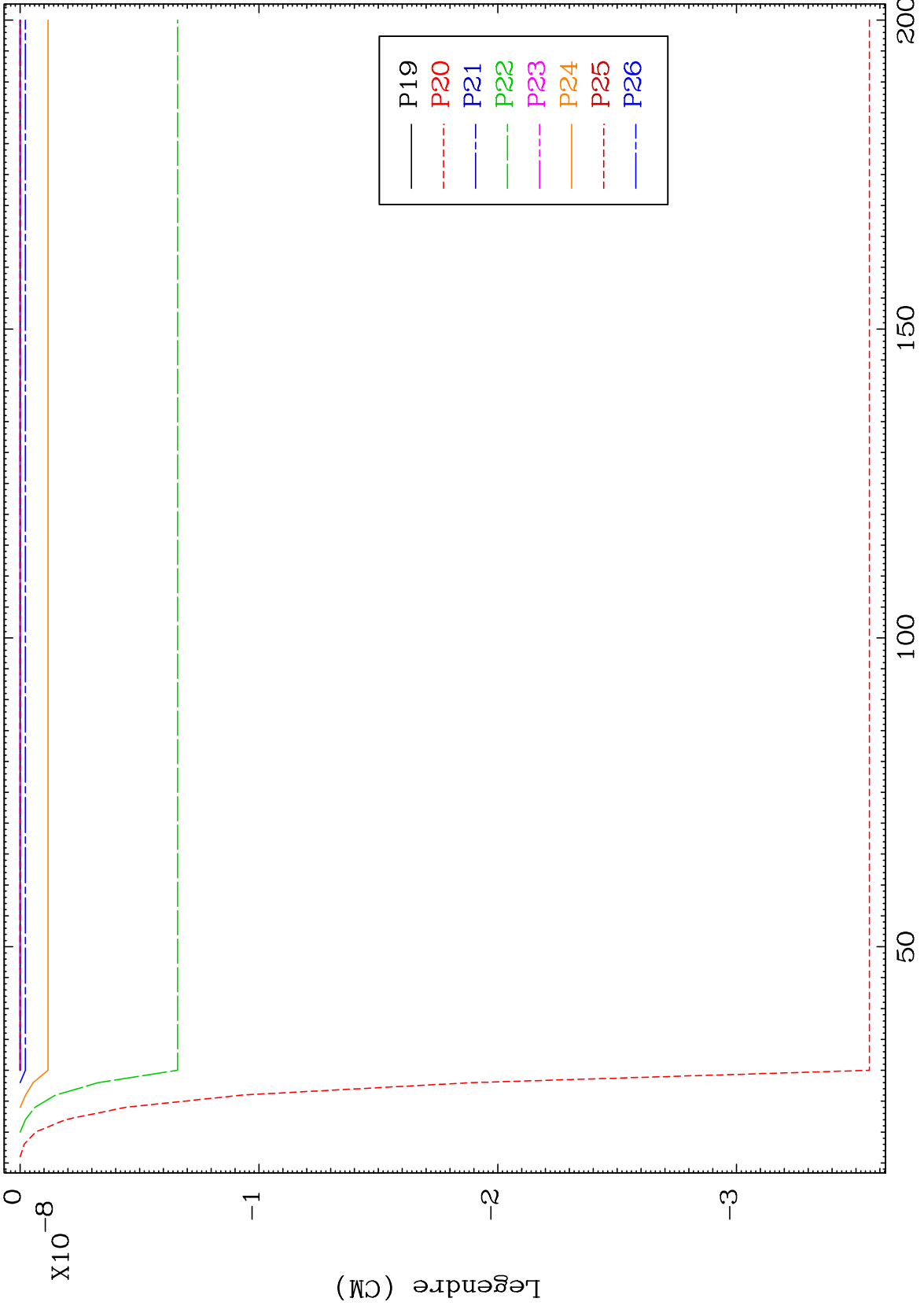


18-Ar-37

Incident Energy (MeV)

34

MAT 1828 MT= 56 (n,n') Level Legendre Coefficients 18-Ar-37

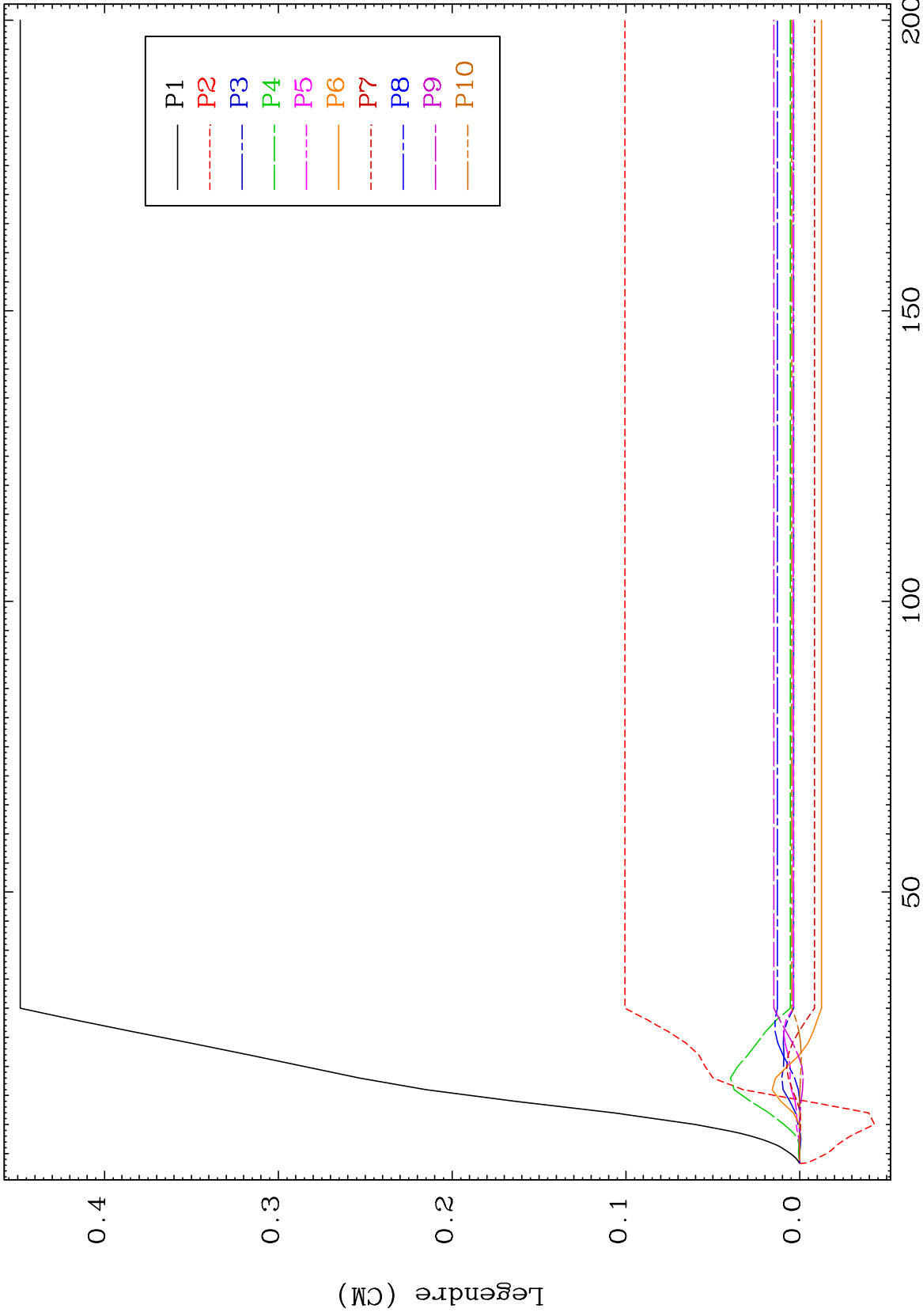


35 50 100 150 200 Incident Energy (MeV) 18-Ar-37

MAT 1828

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

18-Ar-37



36

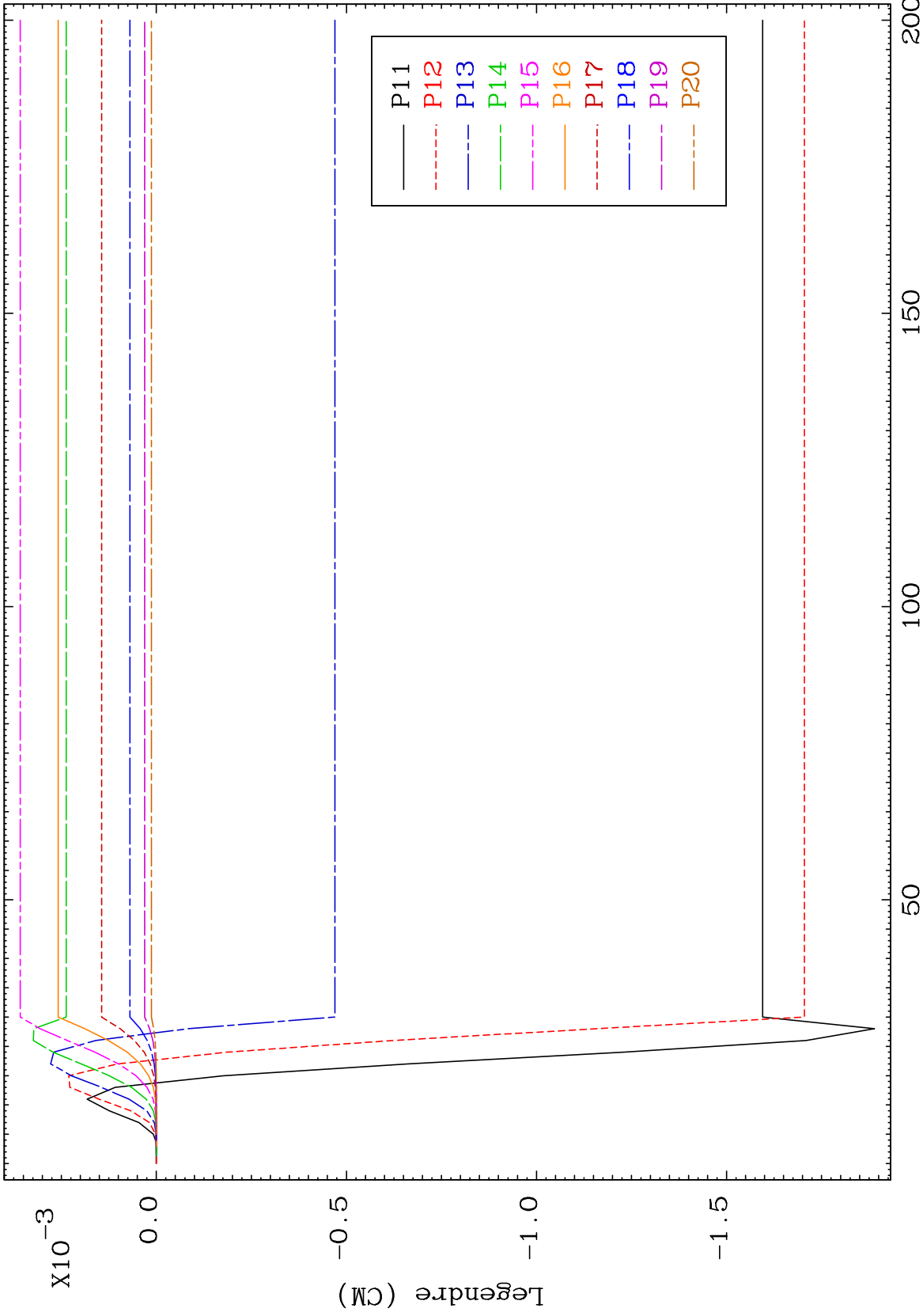
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



37

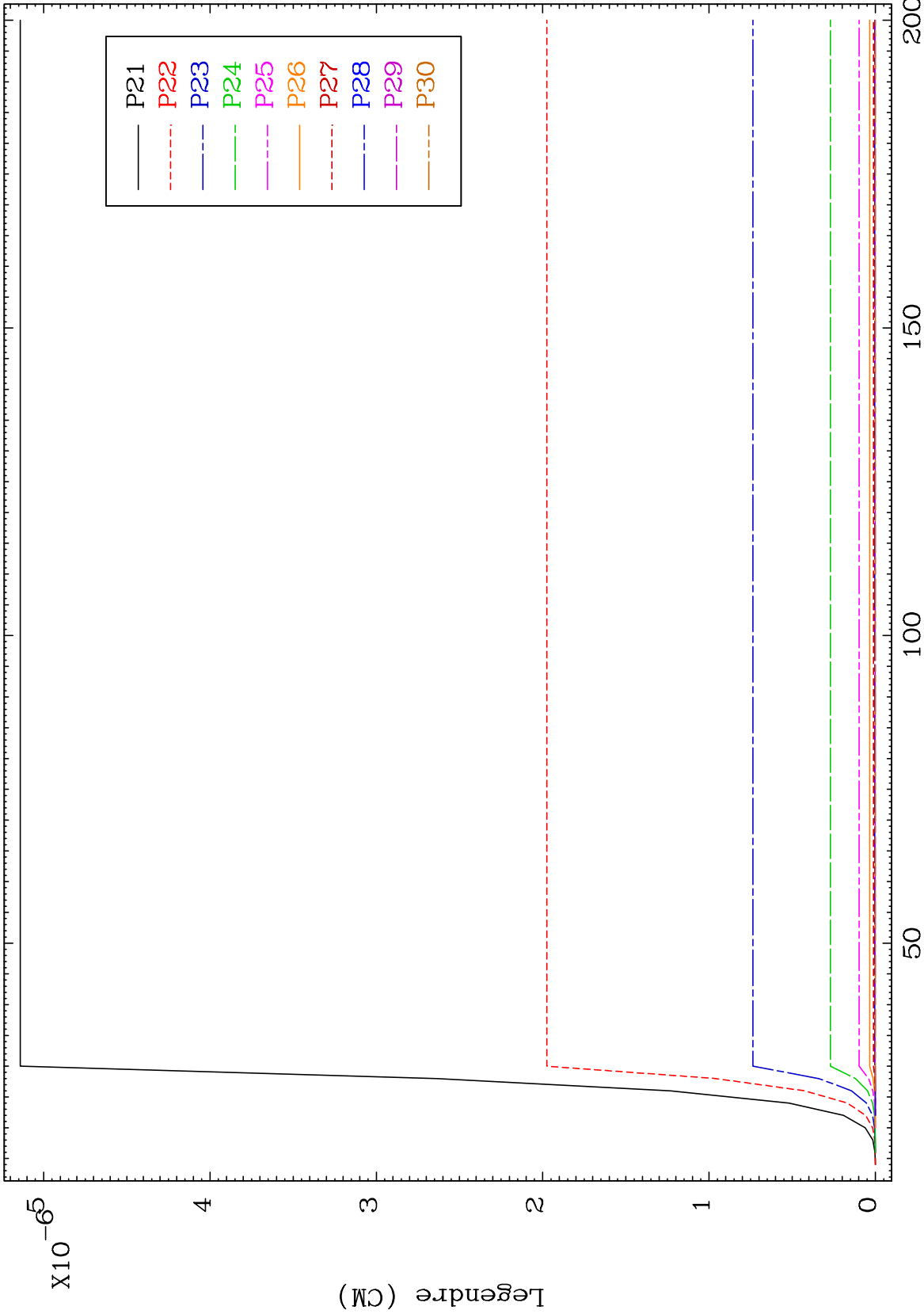
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



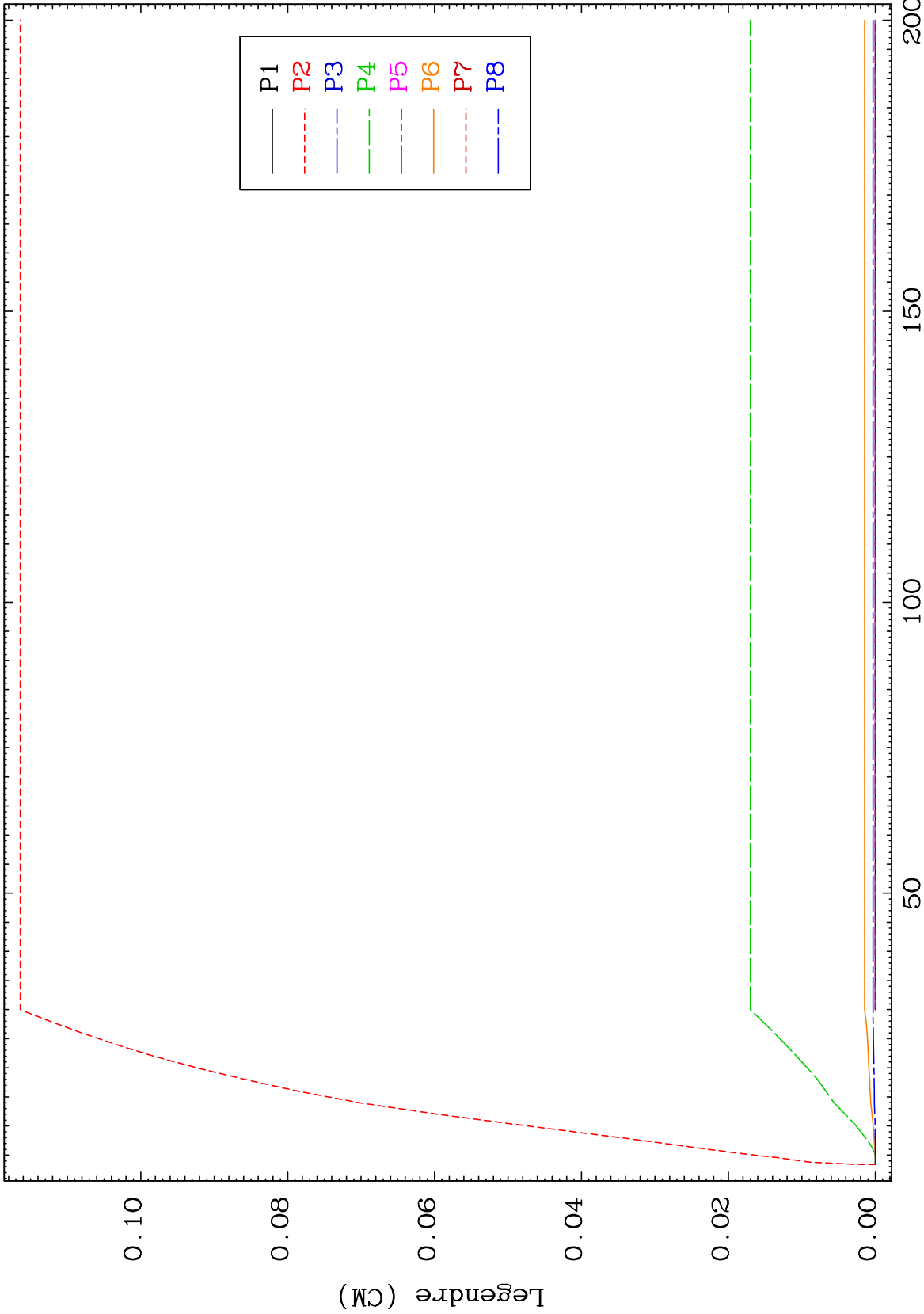
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18-Ar-37

MAT 1828

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

18-Ar-37



39

Incident Energy (MeV)

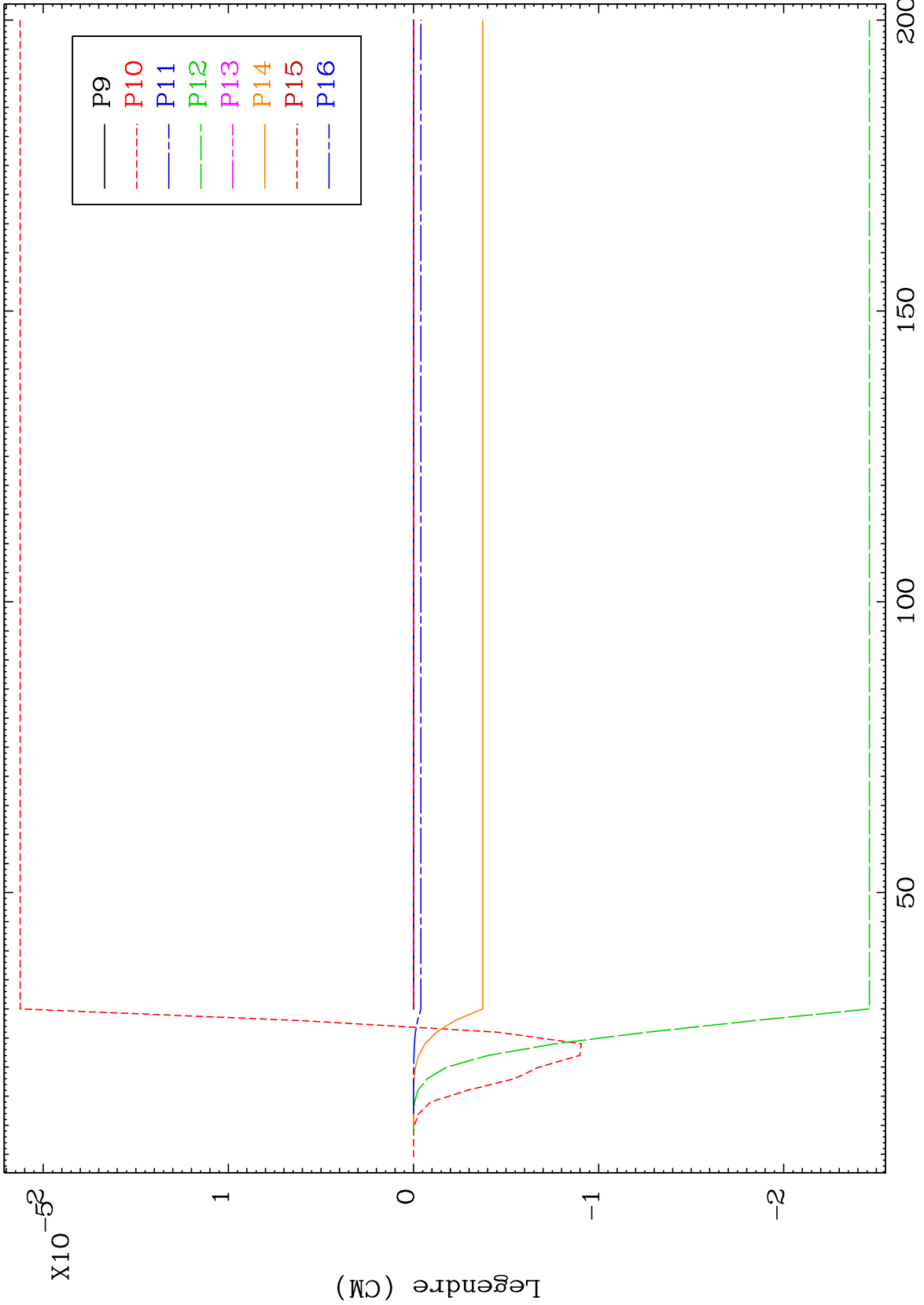
18-Ar-37



MAT 1828

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

18-Ar-37



40

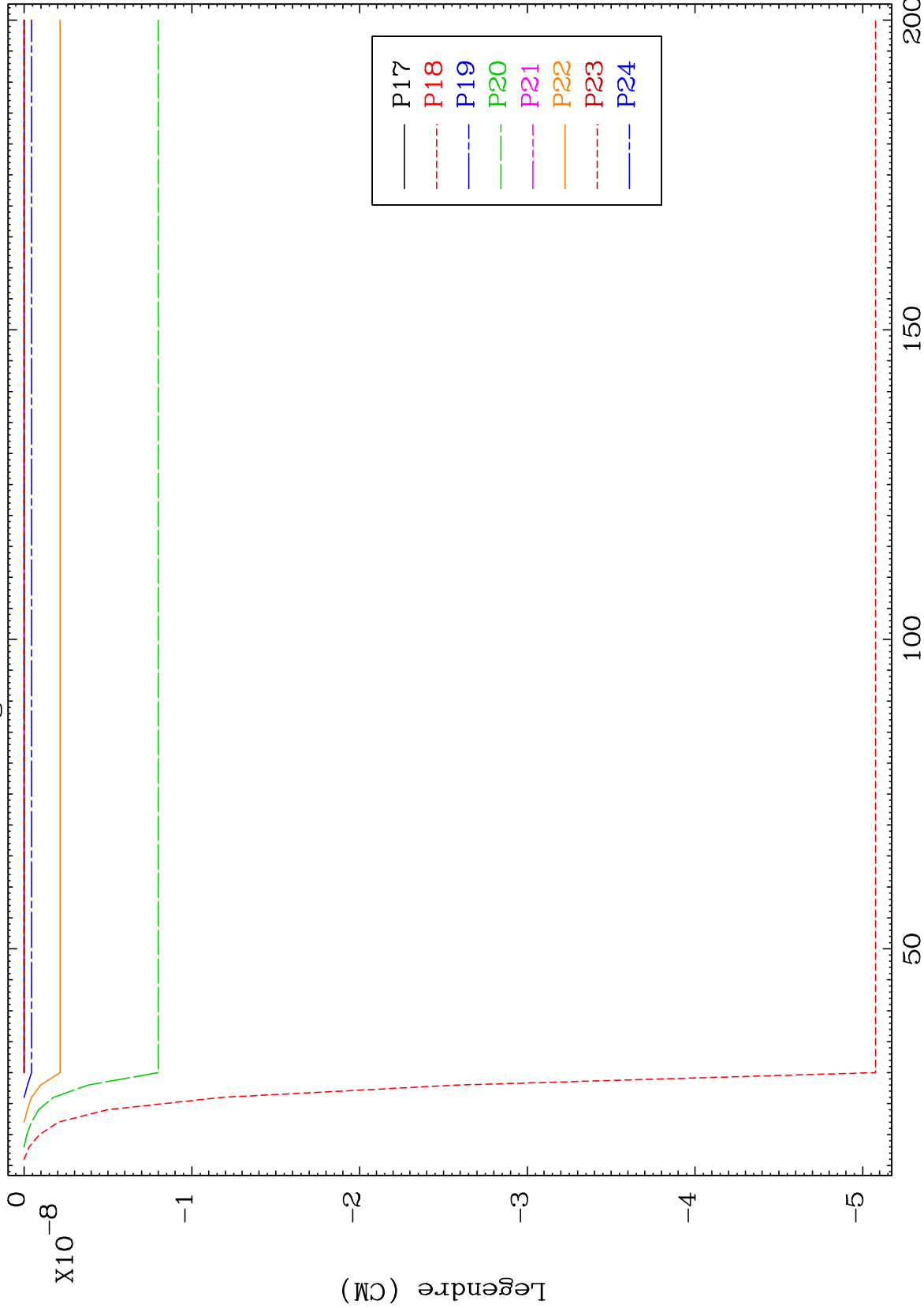
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37

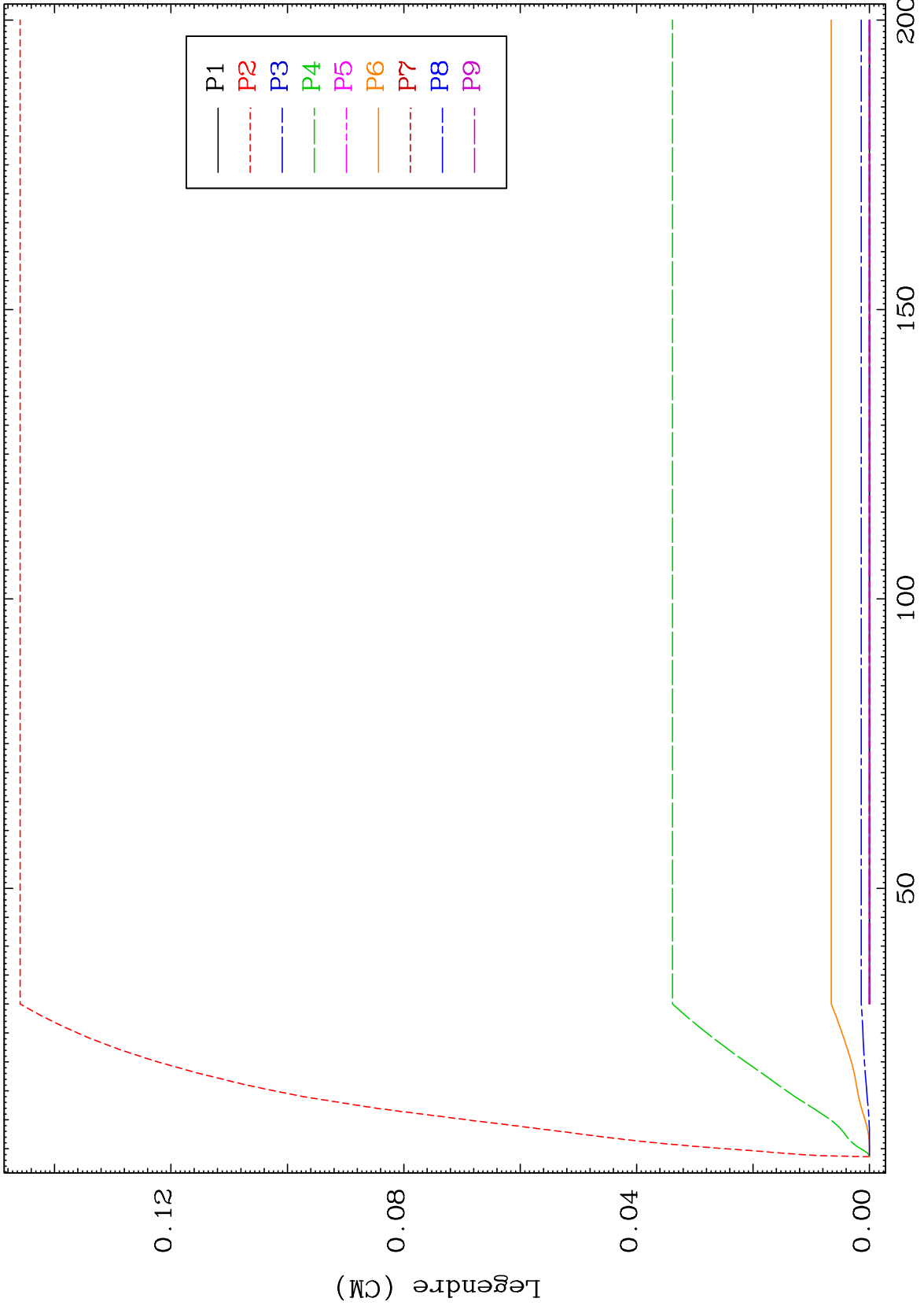


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Incident Energy (MeV)

18-Ar-37

MAT 1828 MT= 59 (n,n') Level Legendre Coefficients 18-Ar-37

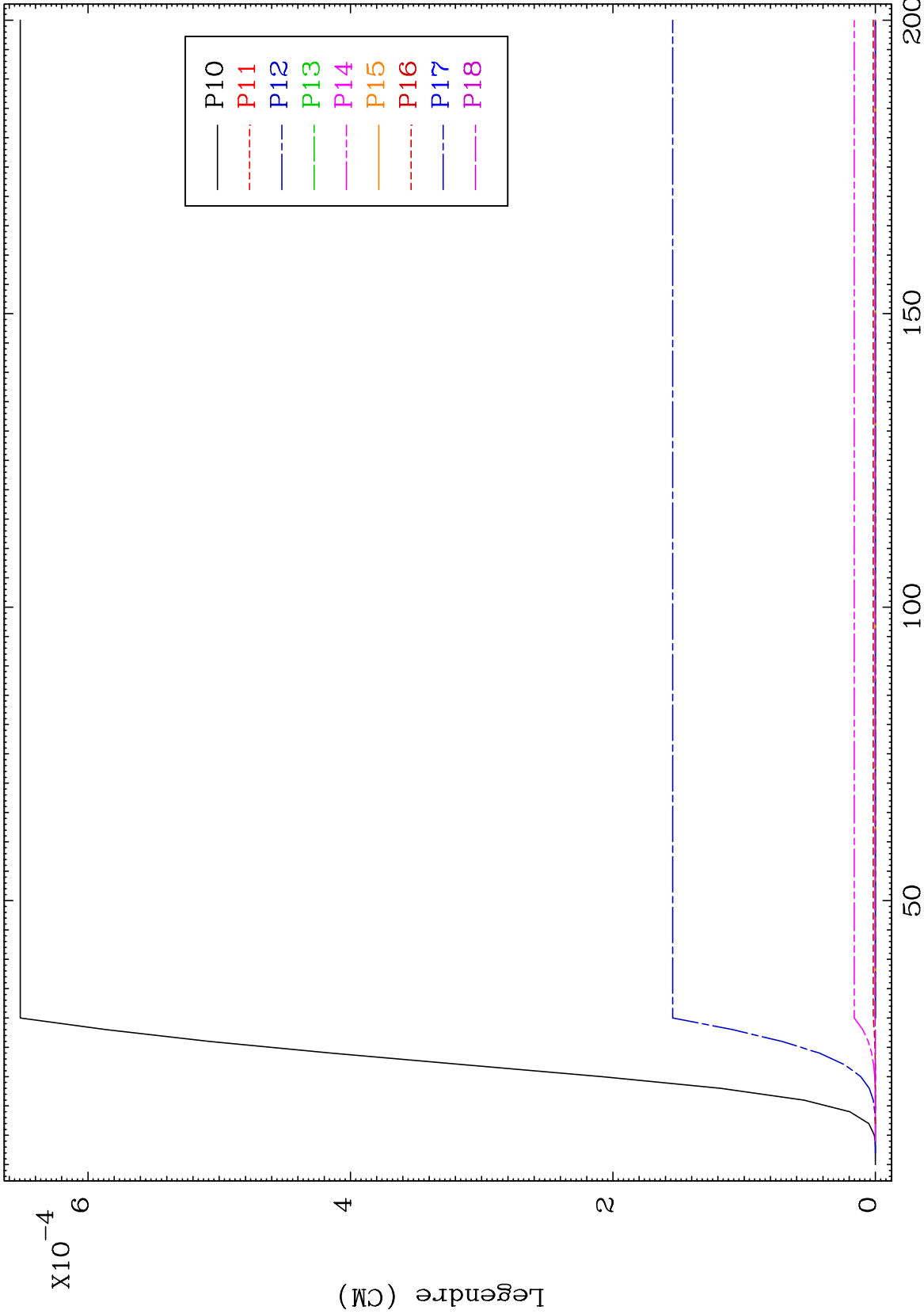


42 Incident Energy (MeV) 18-Ar-37

MAT 1828

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

18-Ar-37



43

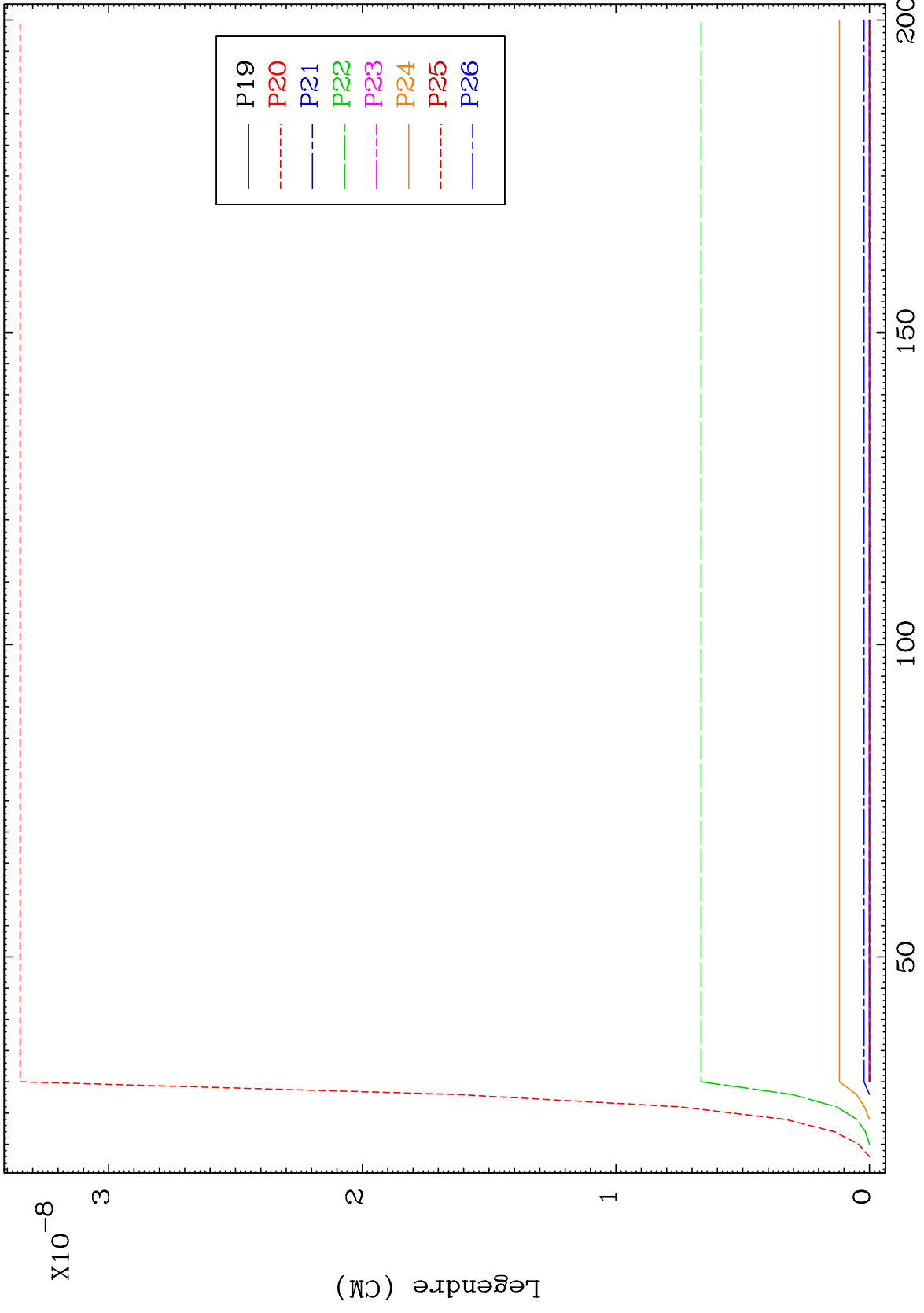
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



44

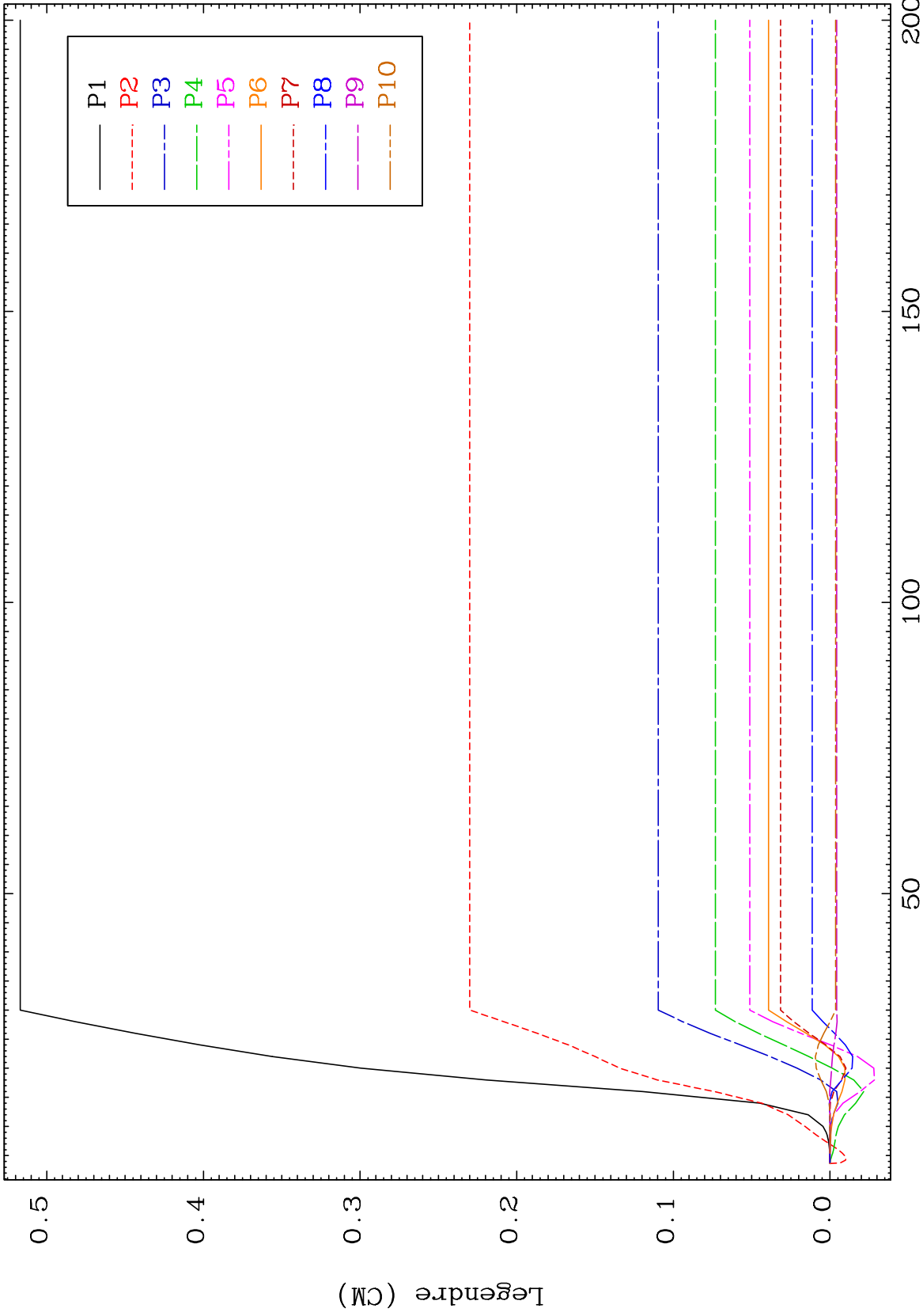
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



45

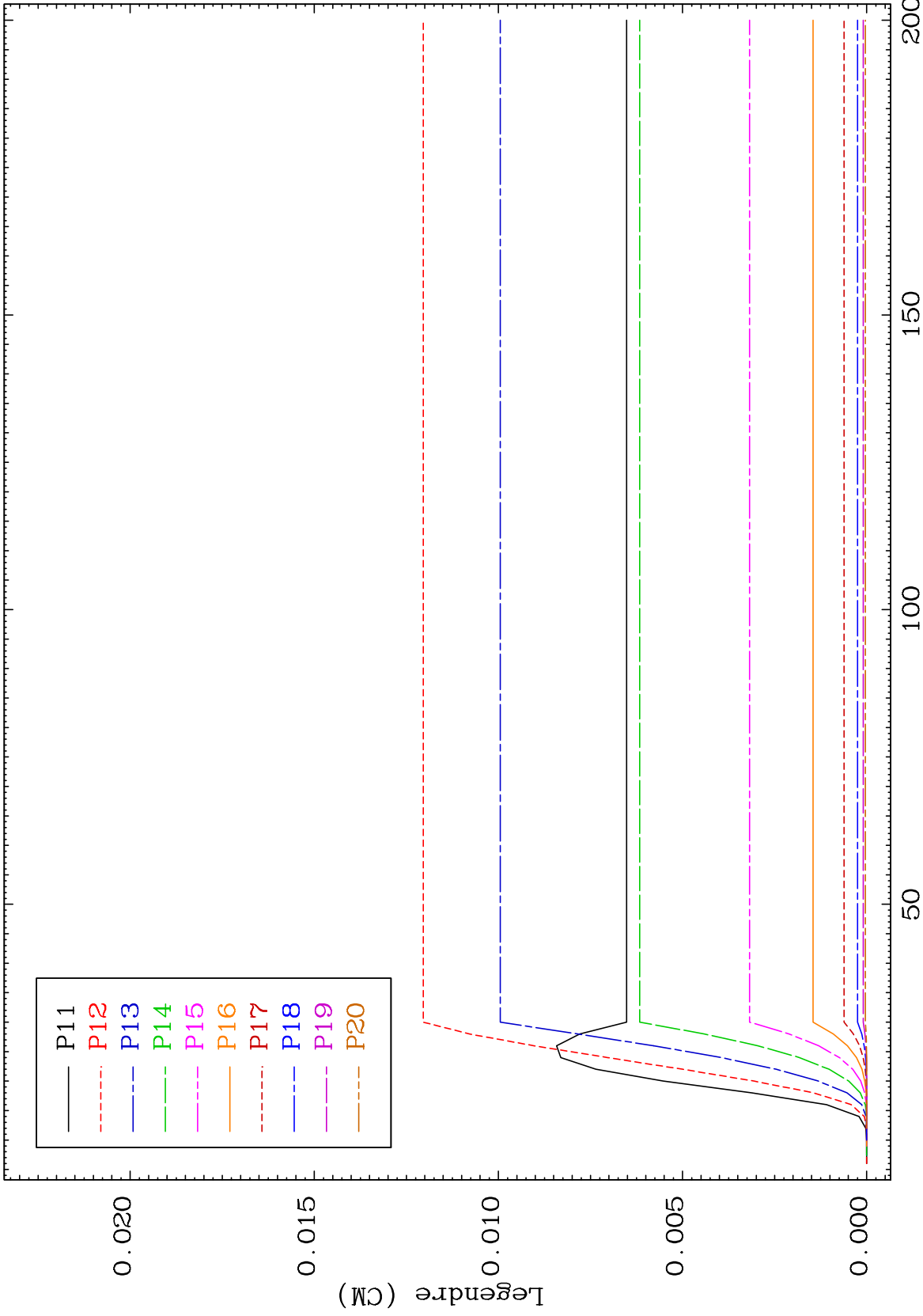
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



46

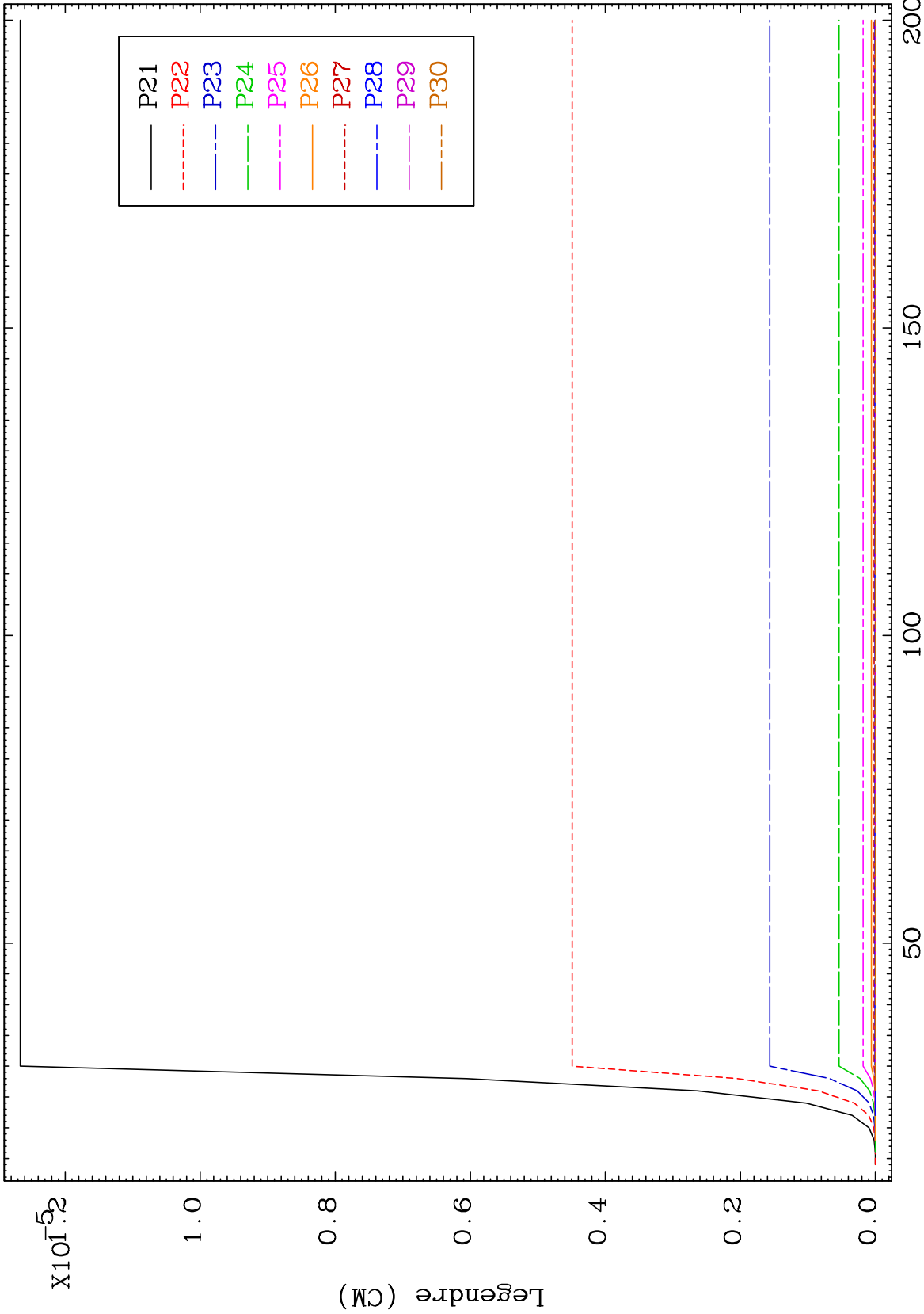
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



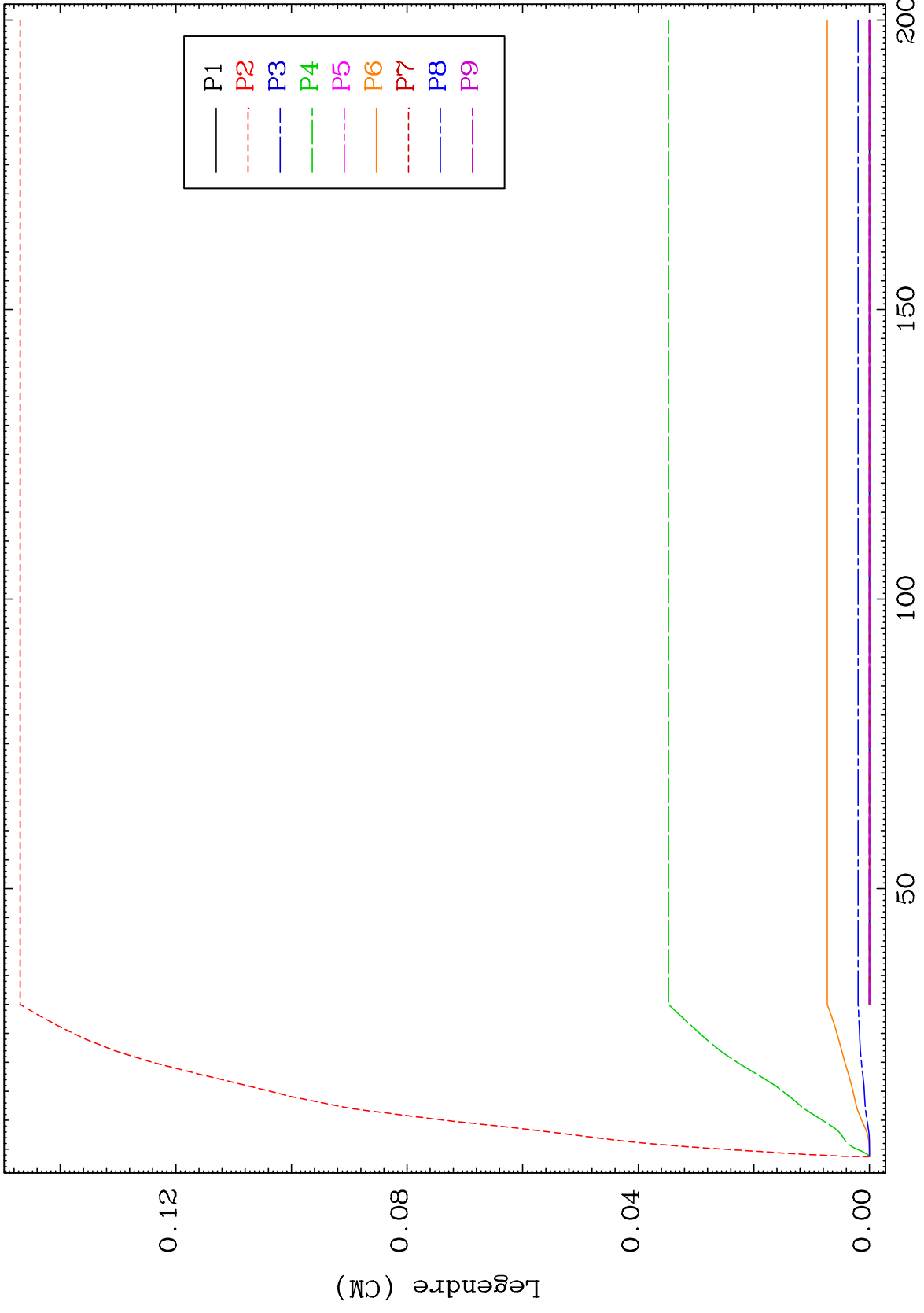
47

Incident Energy (MeV)

18-Ar-37



MAT 1828 MT= 61 (n,n') Level Legendre Coefficients 18-Ar-37

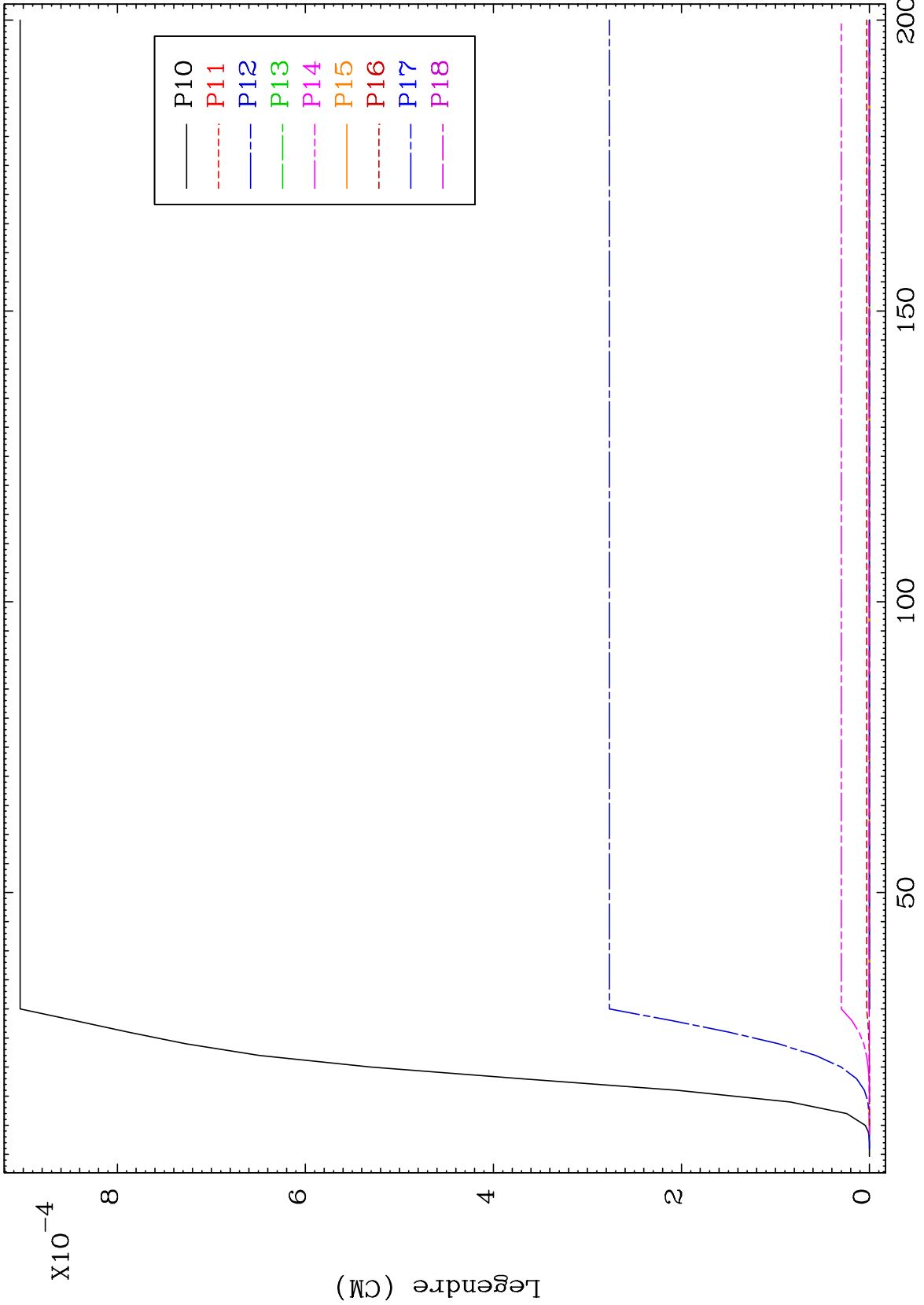


48 Incident Energy (MeV) 18-Ar-37

MAT 1828

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

18-Ar-37



49

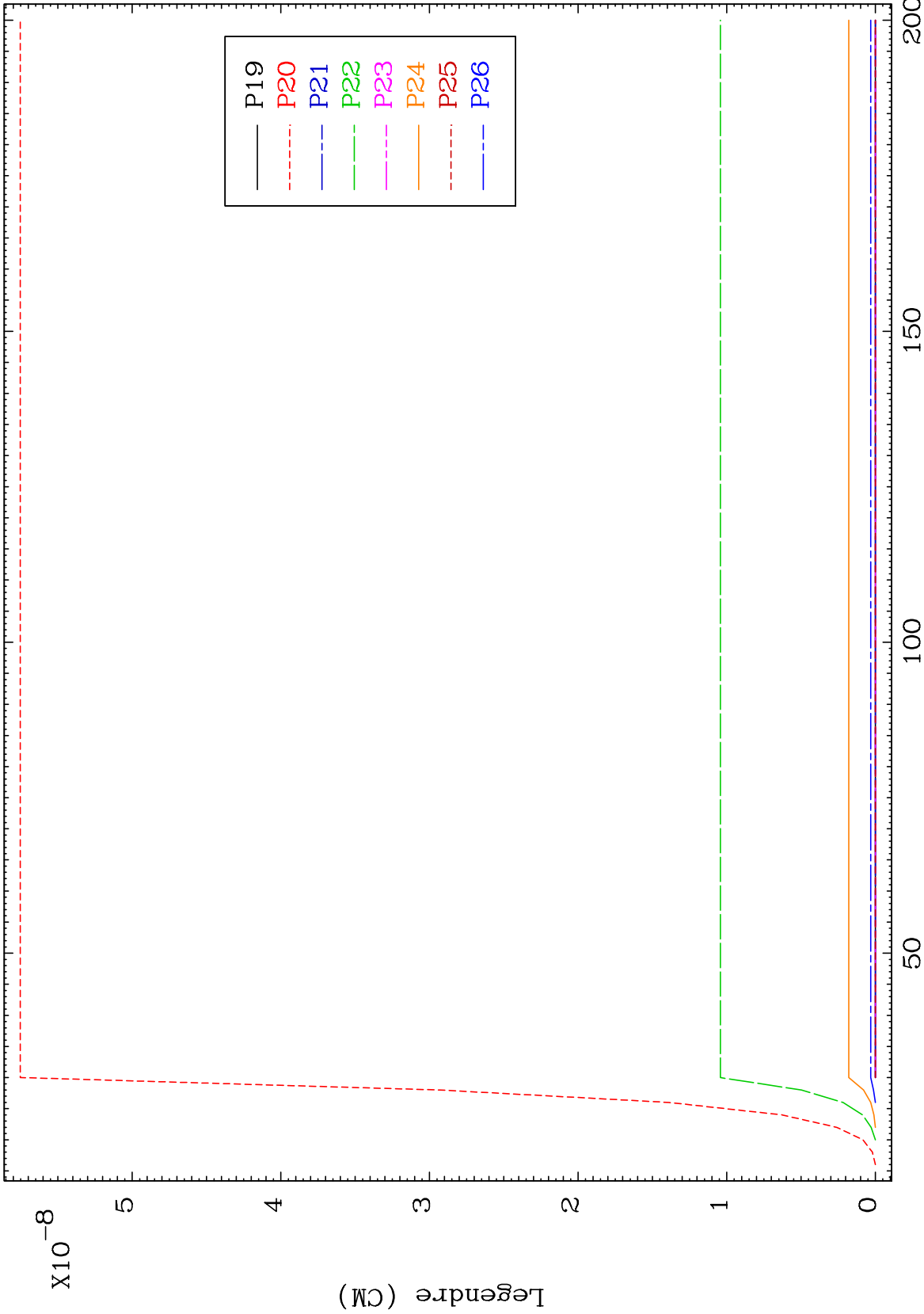
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



18-Ar-37

Incident Energy (MeV)

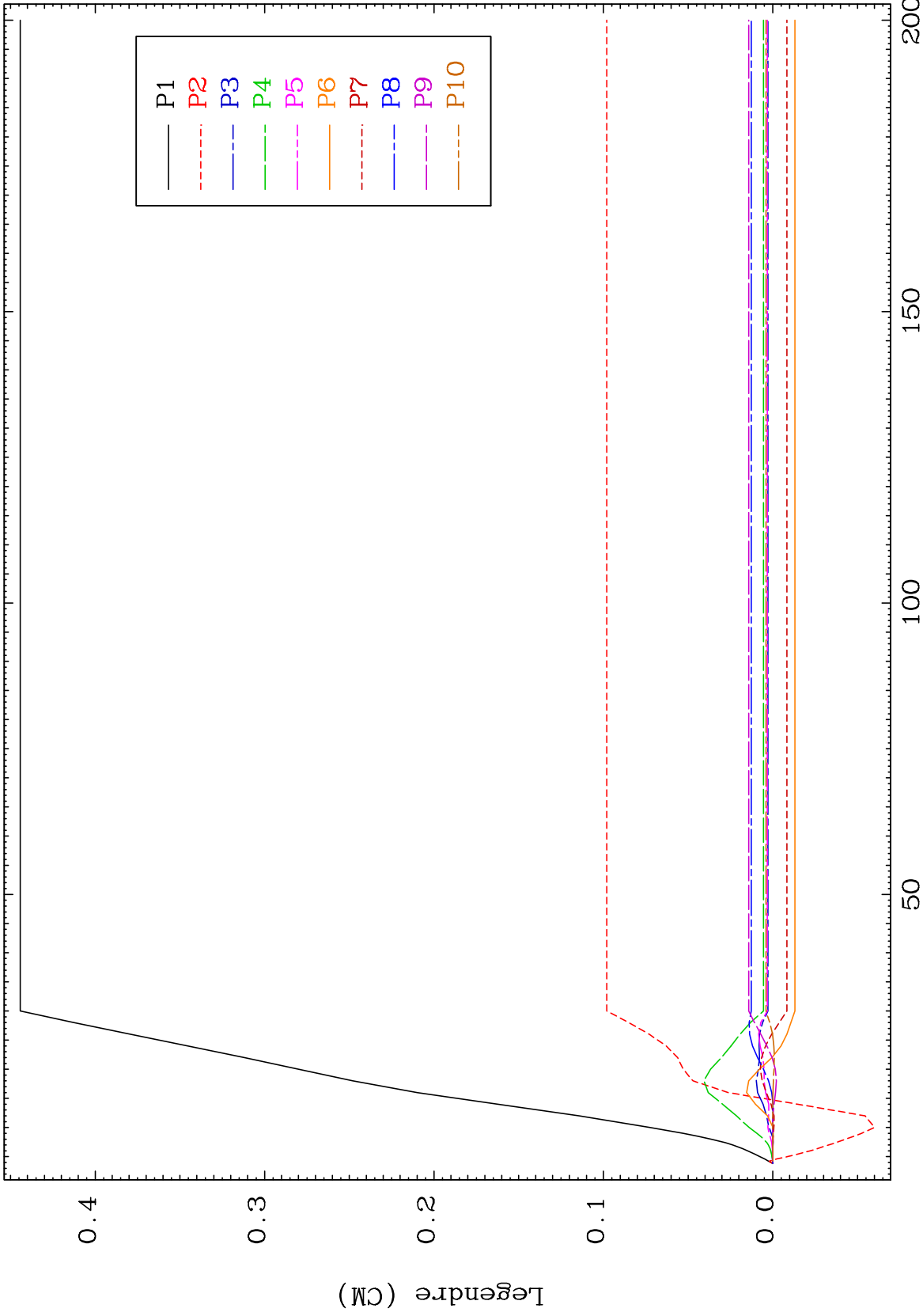
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200

MAT 1828

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

18-Ar-37



51

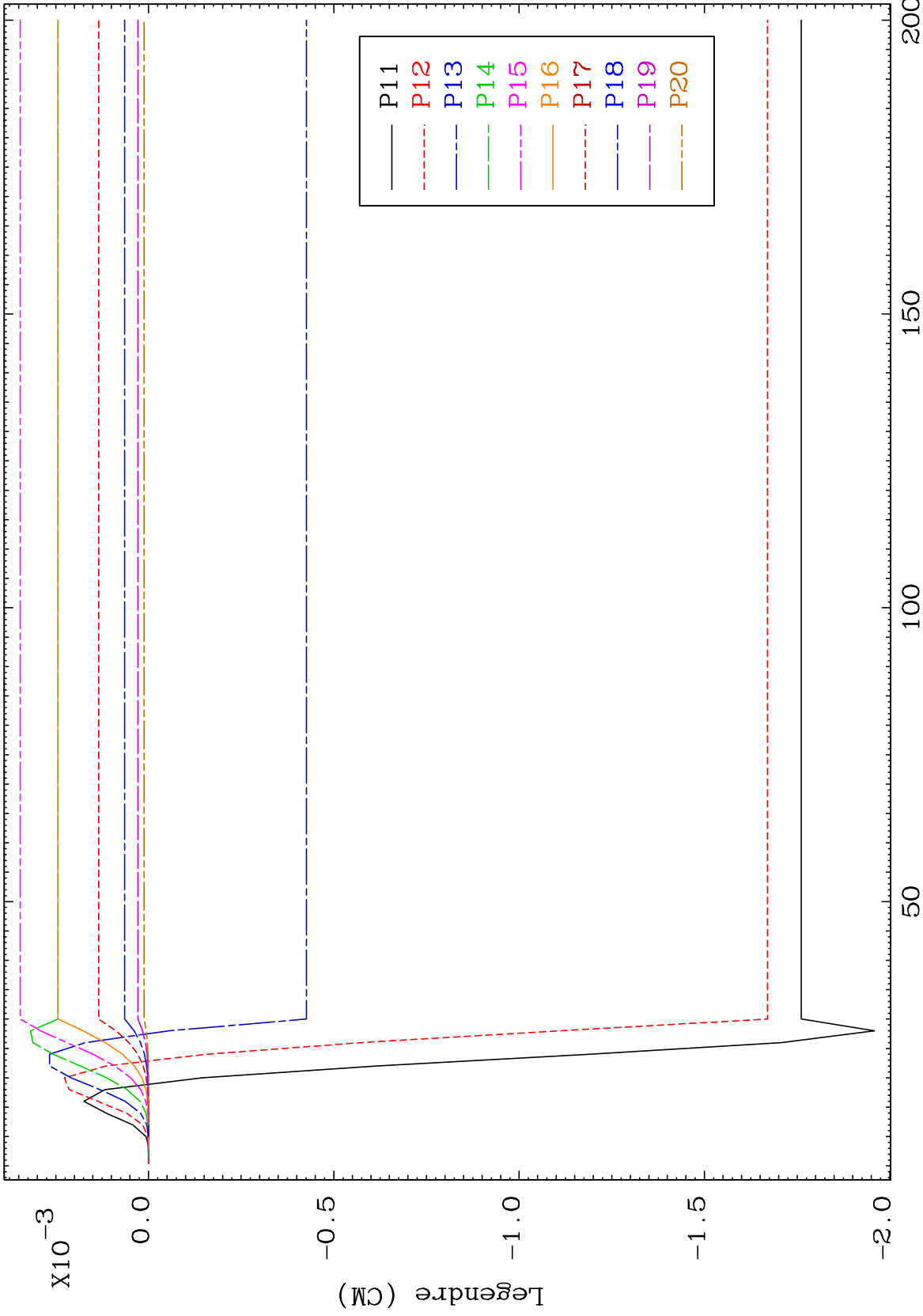
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



52

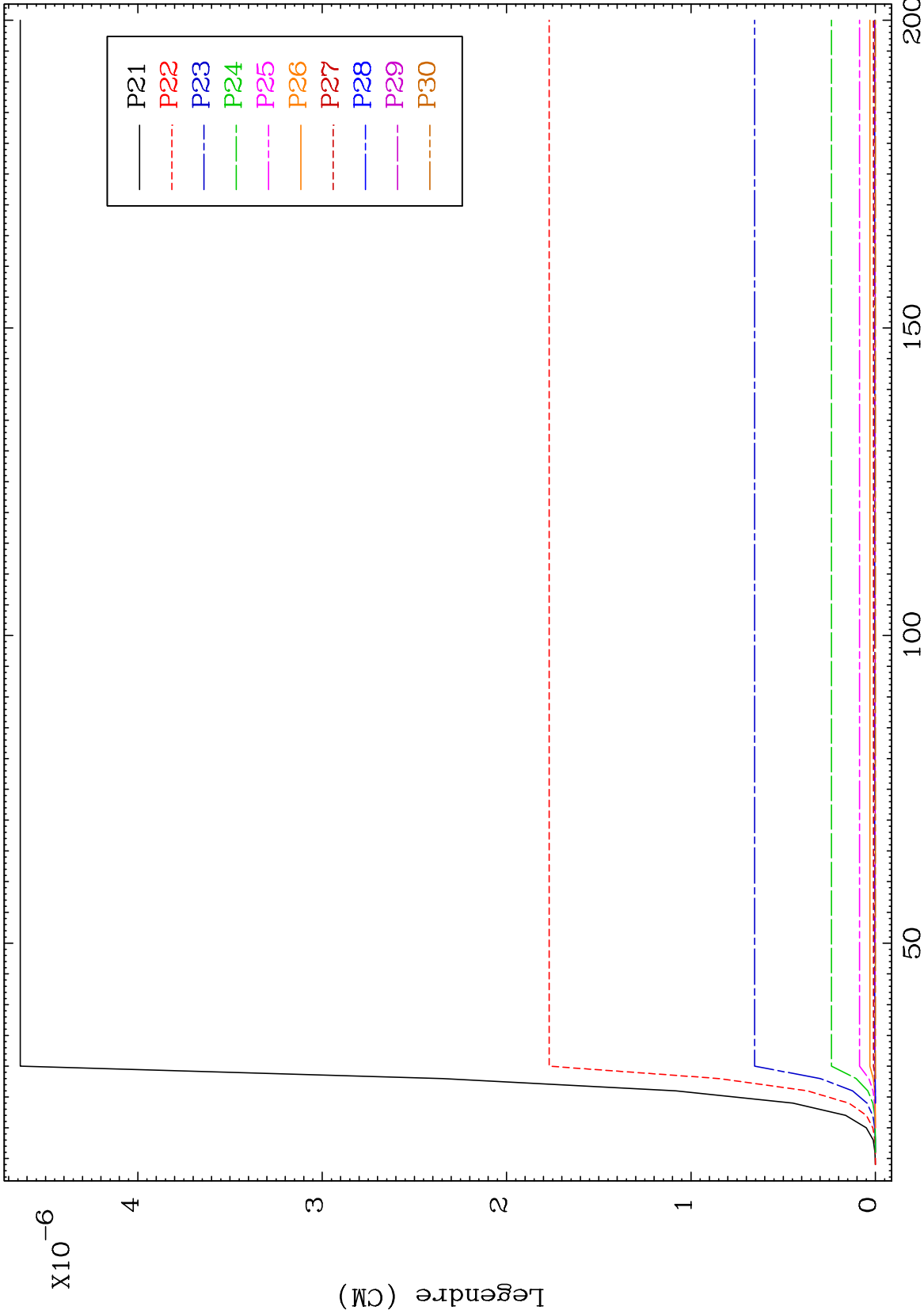
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



53

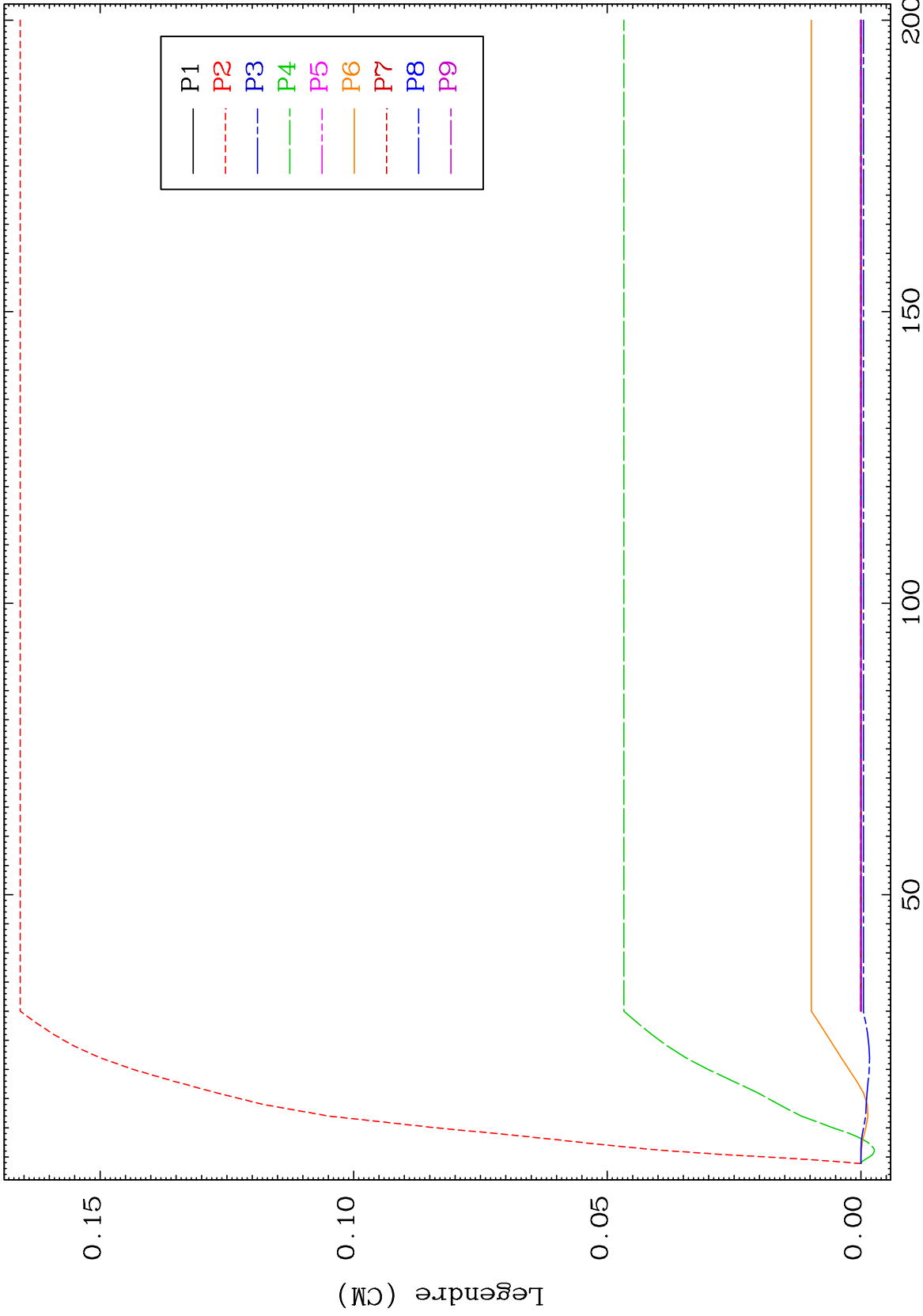
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



54

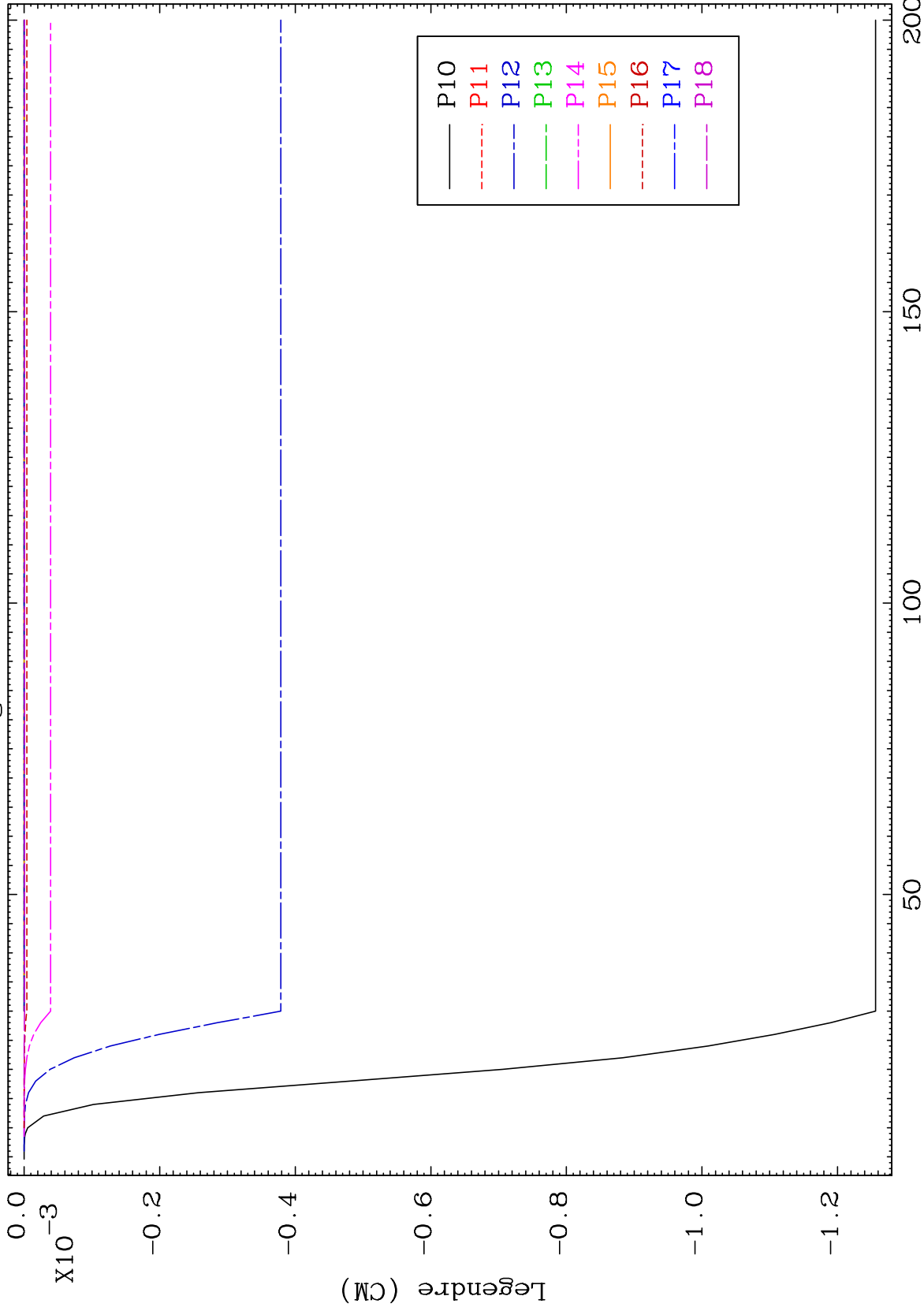
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



55

Incident Energy (MeV)

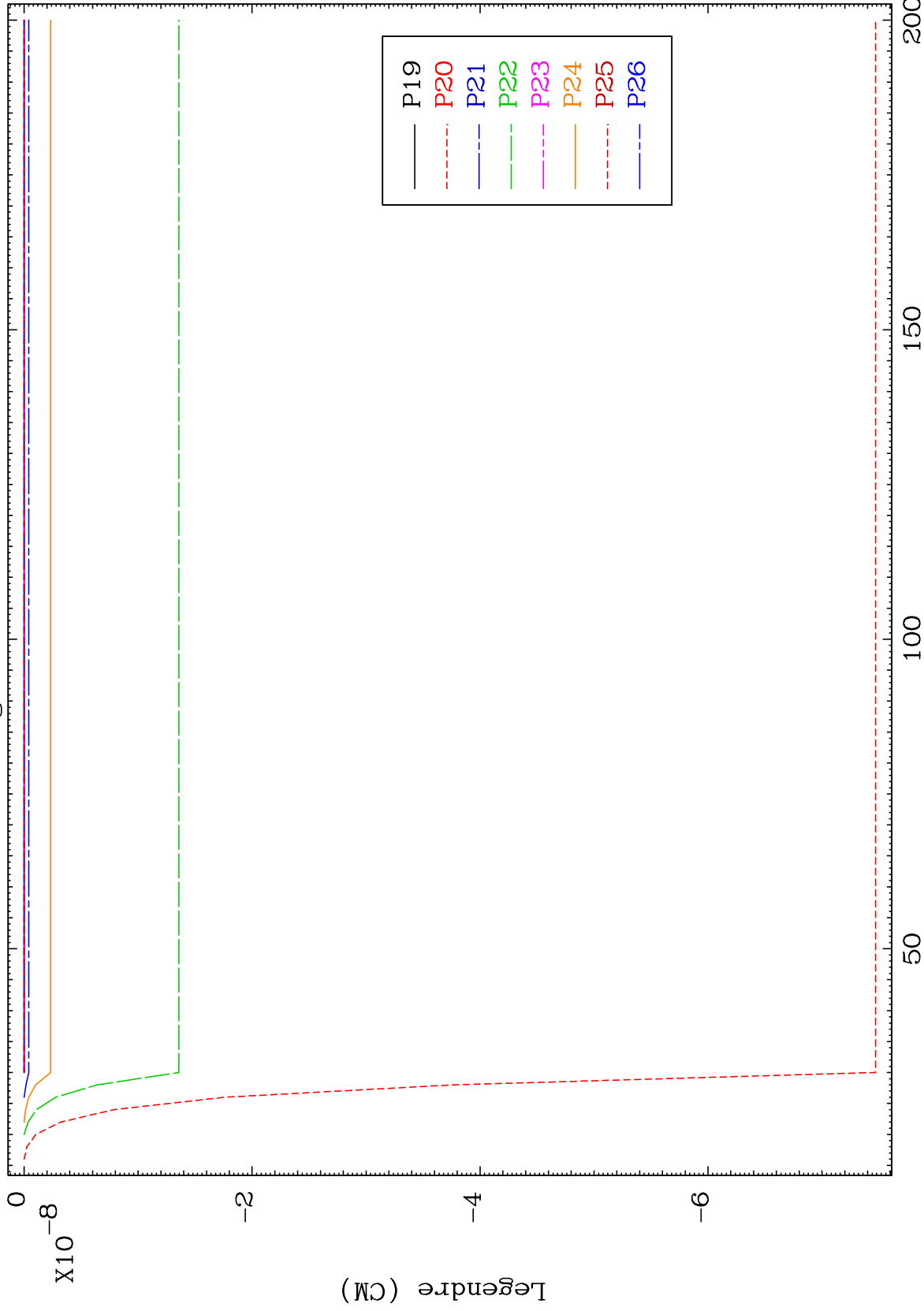
18-Ar-37



MAT 1828

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

18-Ar-37



56

Incident Energy (MeV)

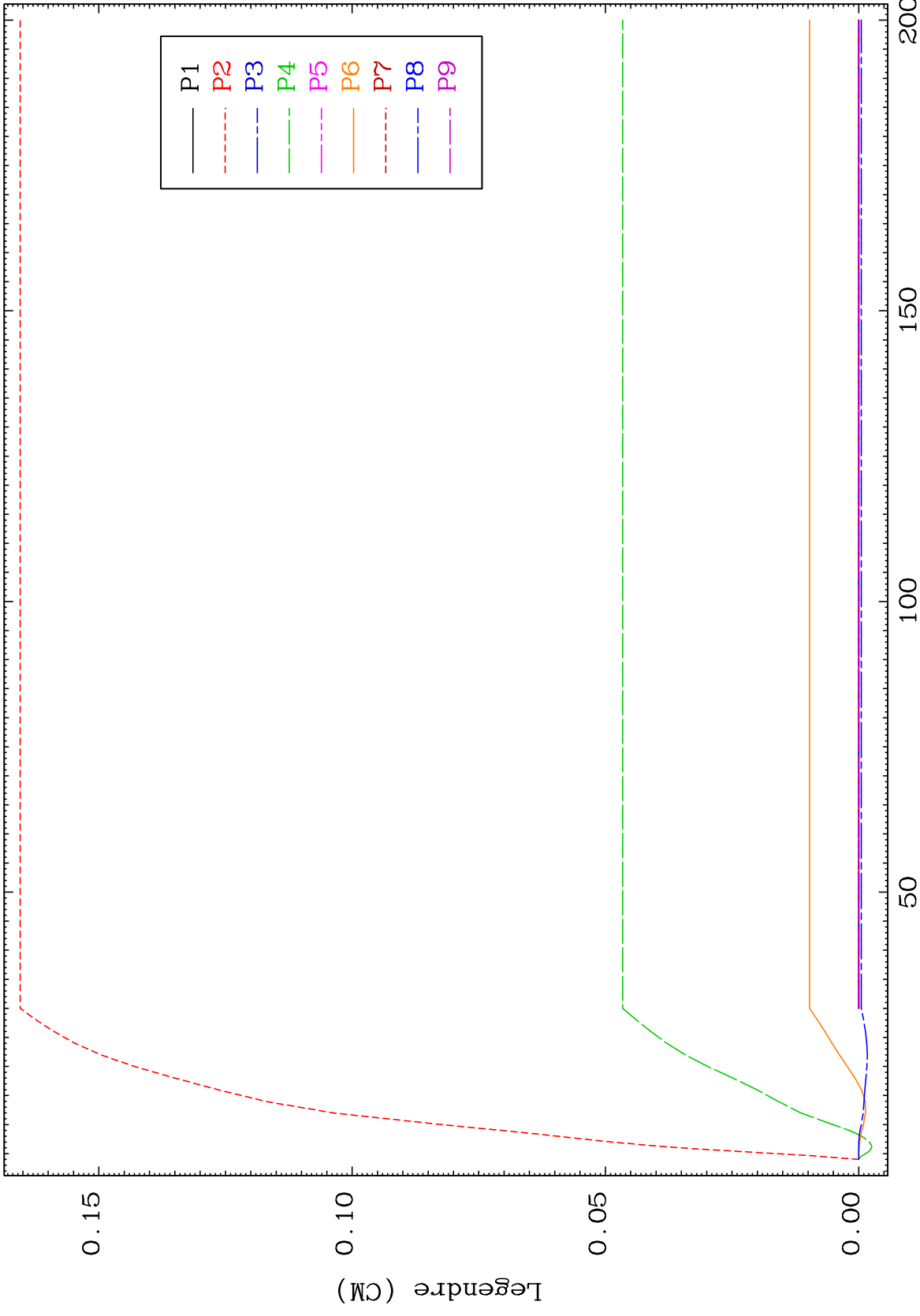
18-Ar-37

MAT 1828

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

18-Ar-37

18-Ar-37

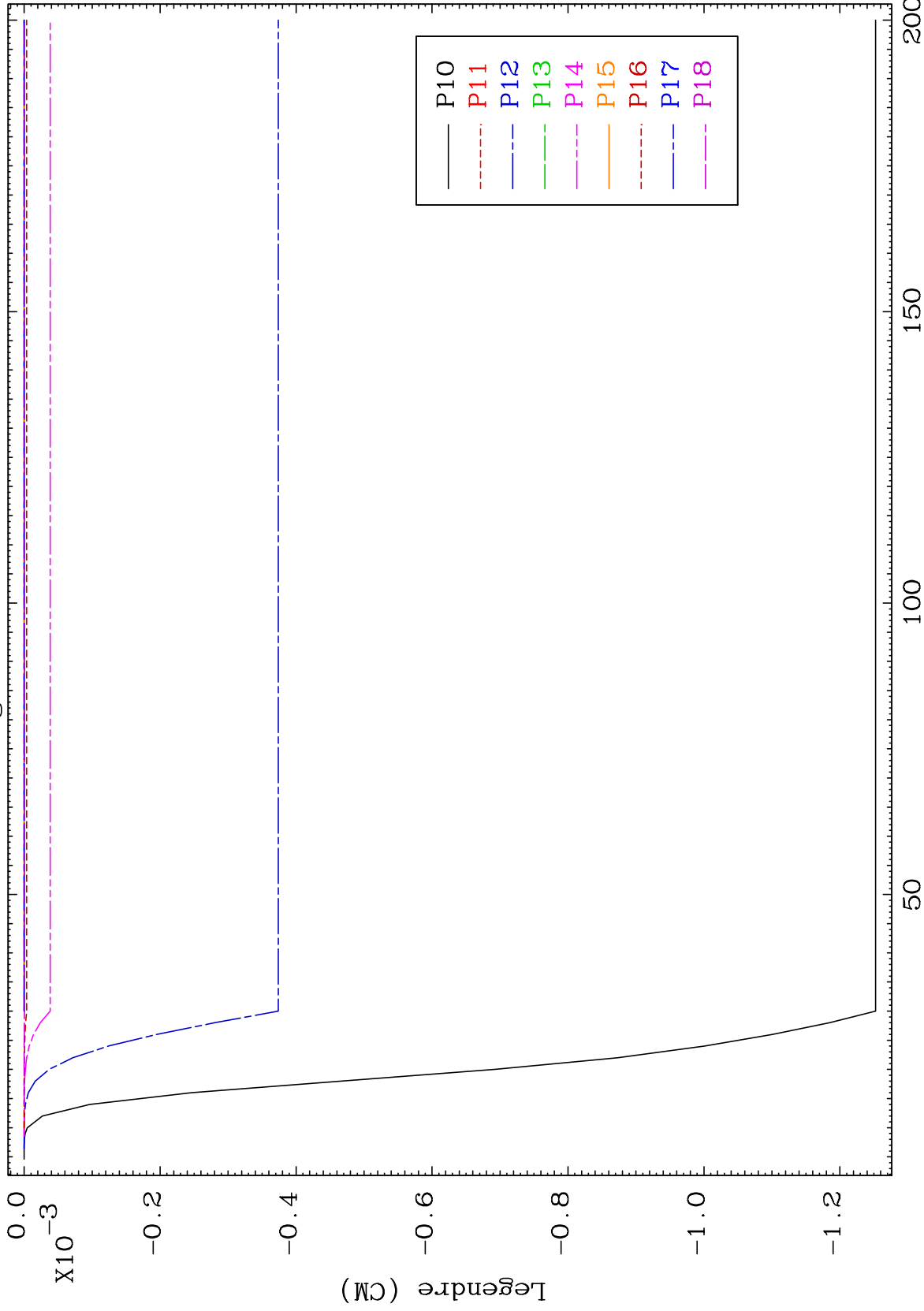


57

MAT 1828

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

18-Ar-37



58

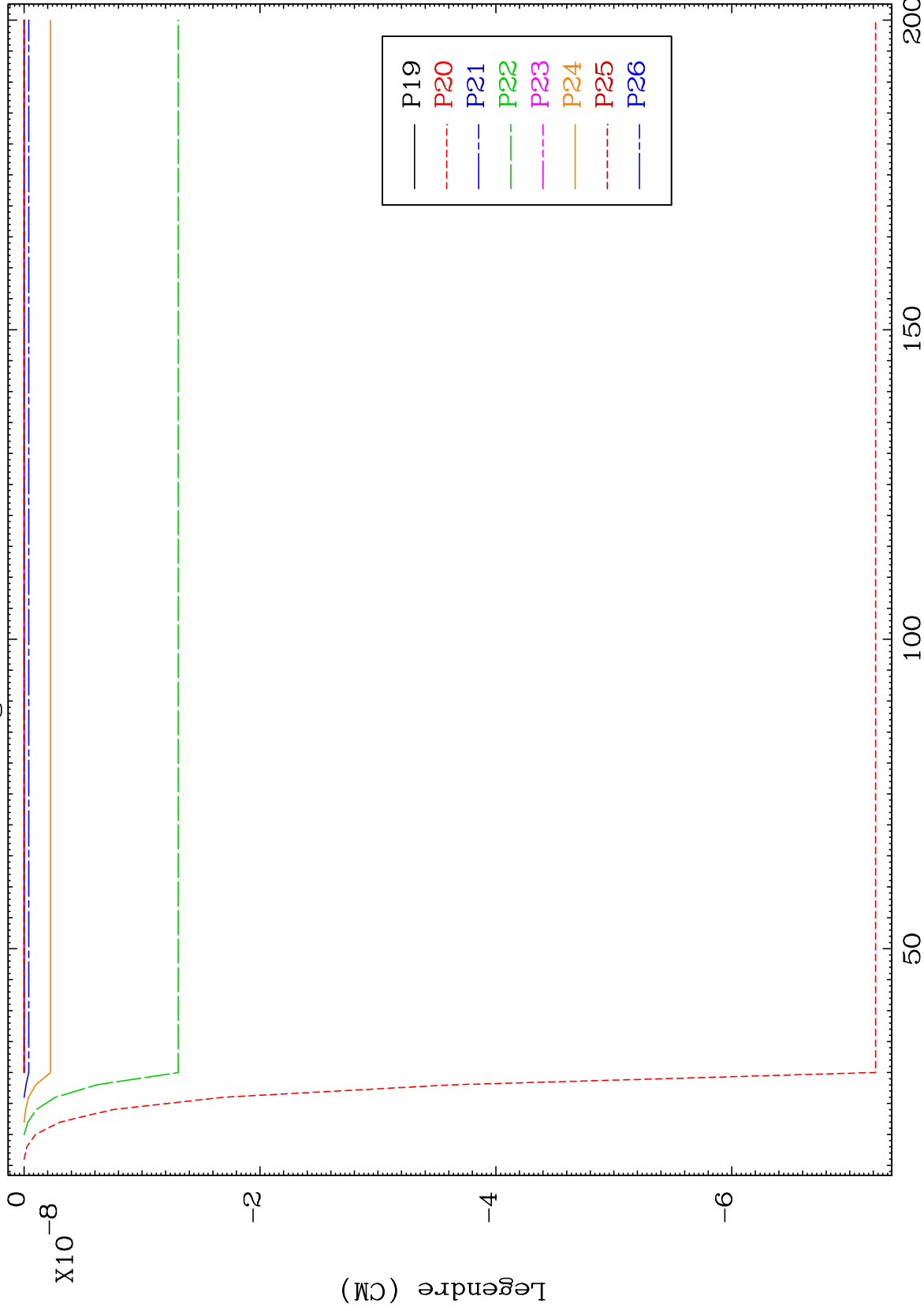
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37

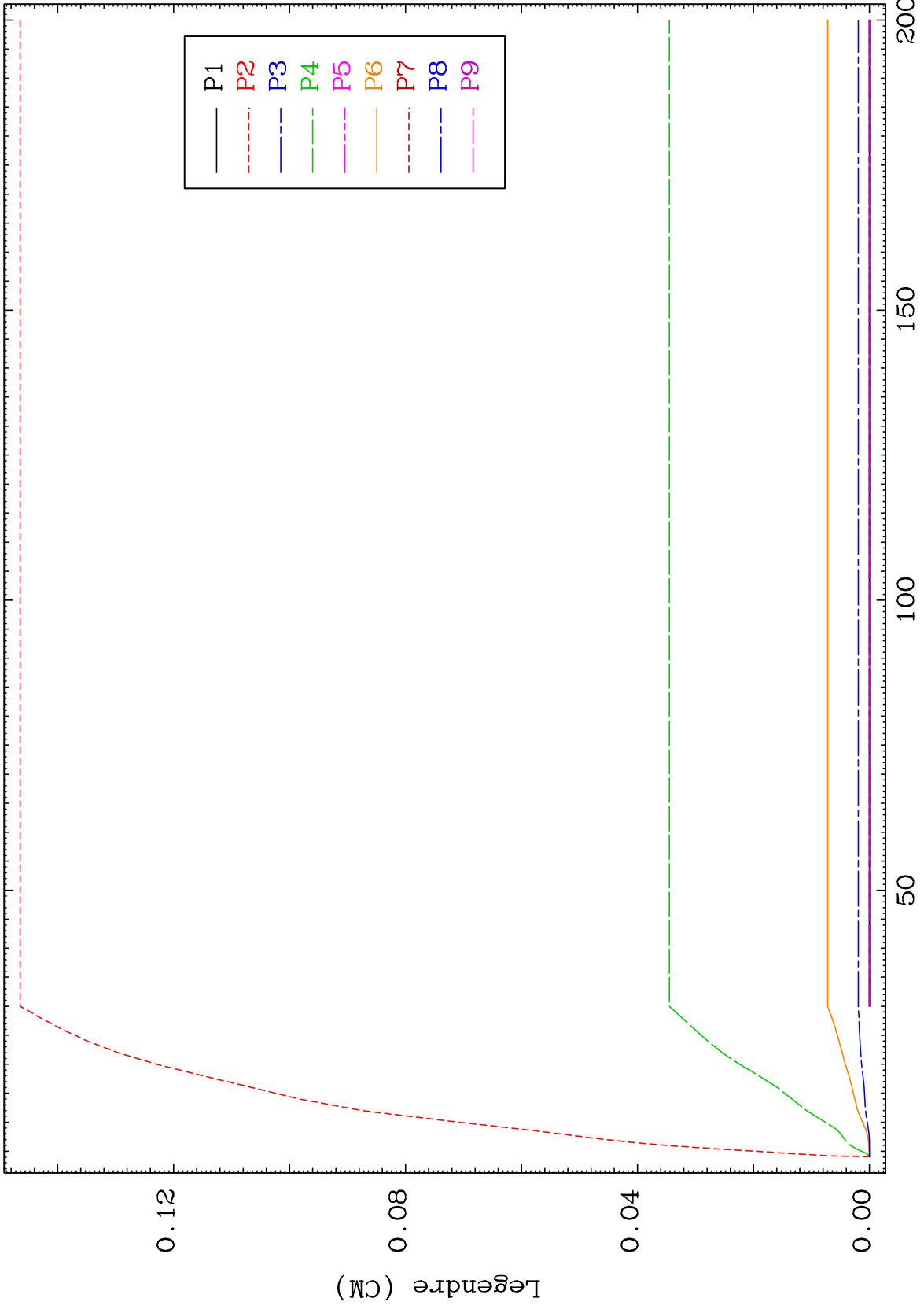


59

Incident Energy (MeV)

18-Ar-37

MAT 1828 MT= 65 (n,n') Level Legendre Coefficients 18-Ar-37

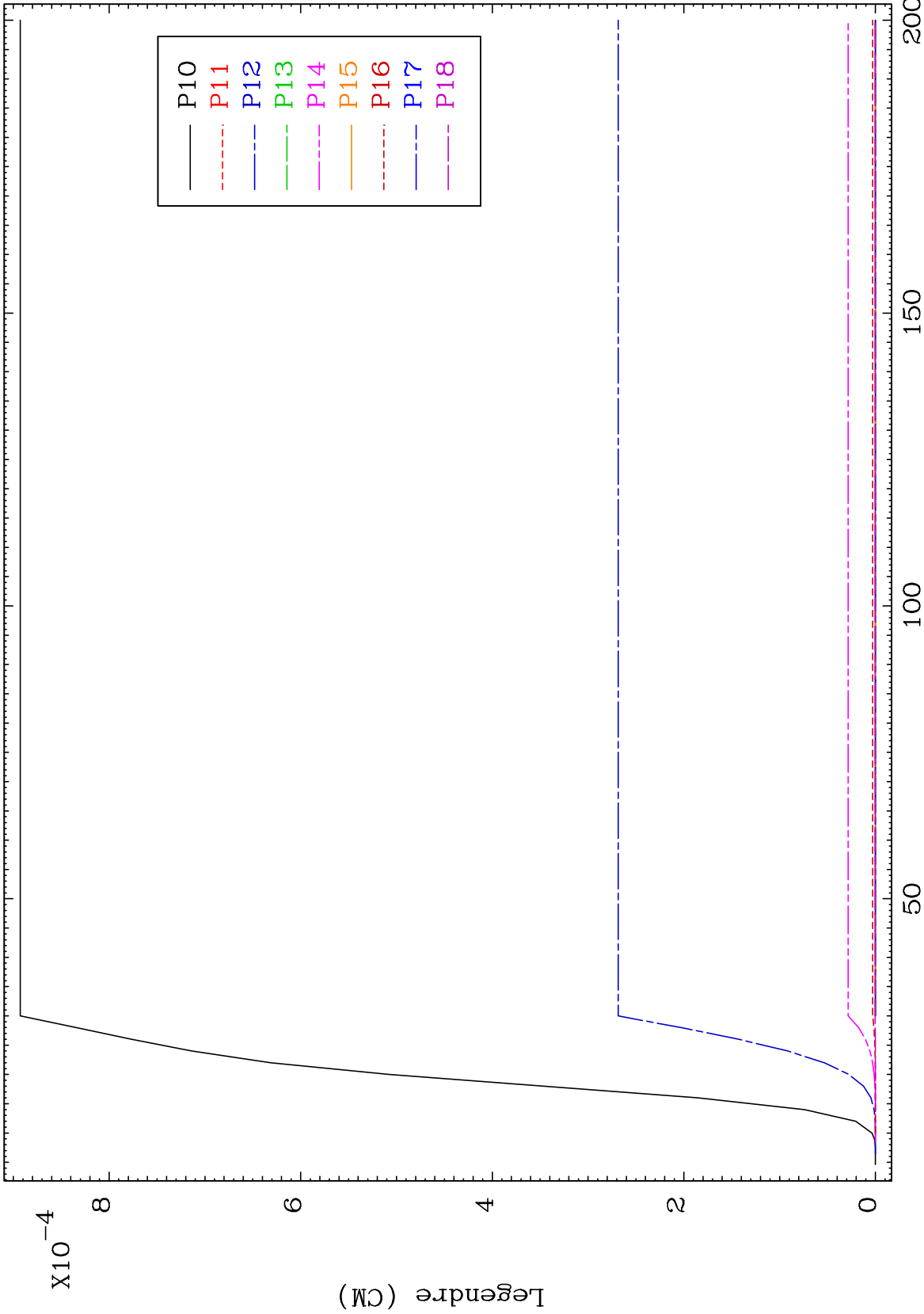


18-Ar-37

MAT 1828

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

18-Ar-37



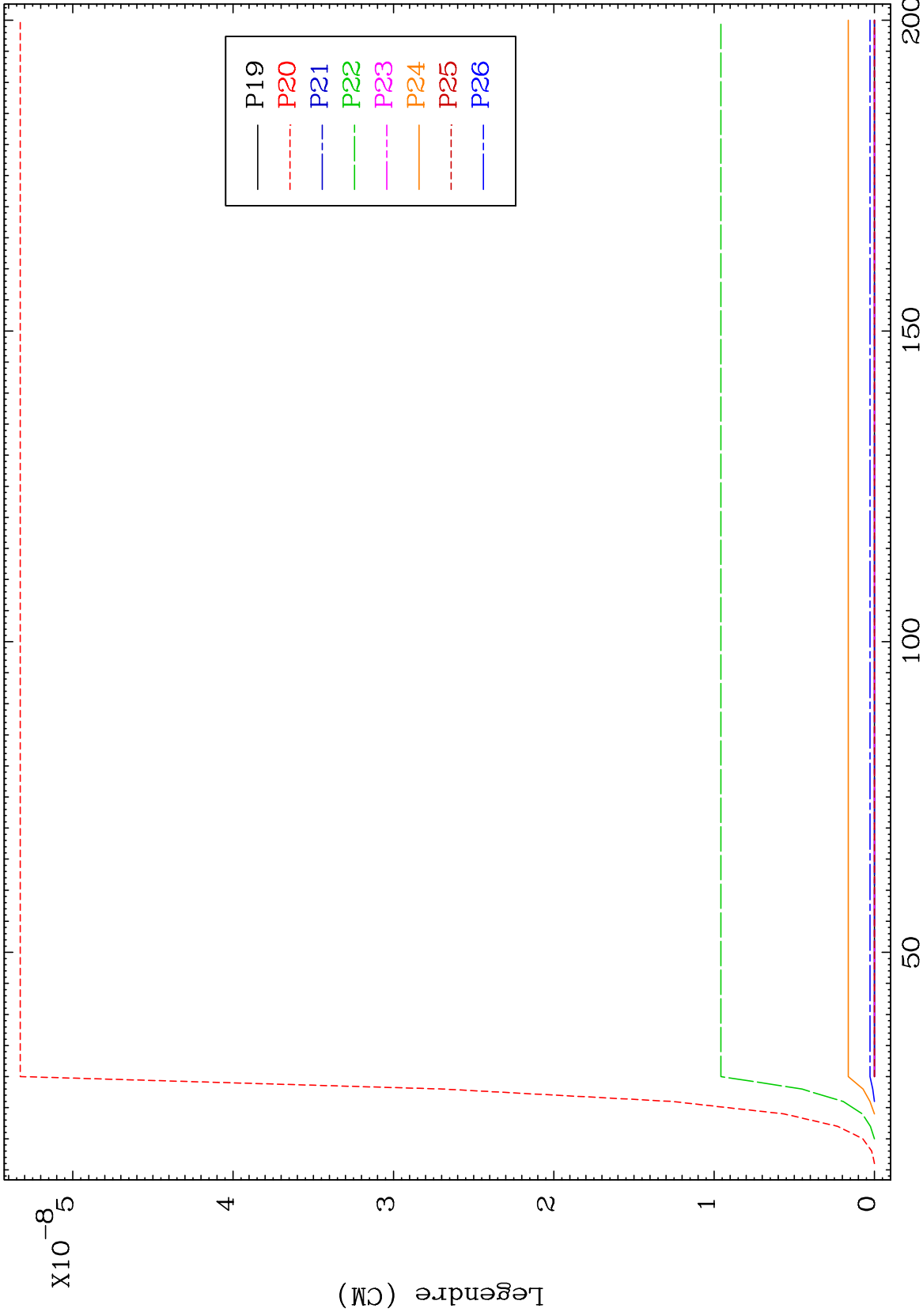
61

18-Ar-37

MAT 1828

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

18-Ar-37



62

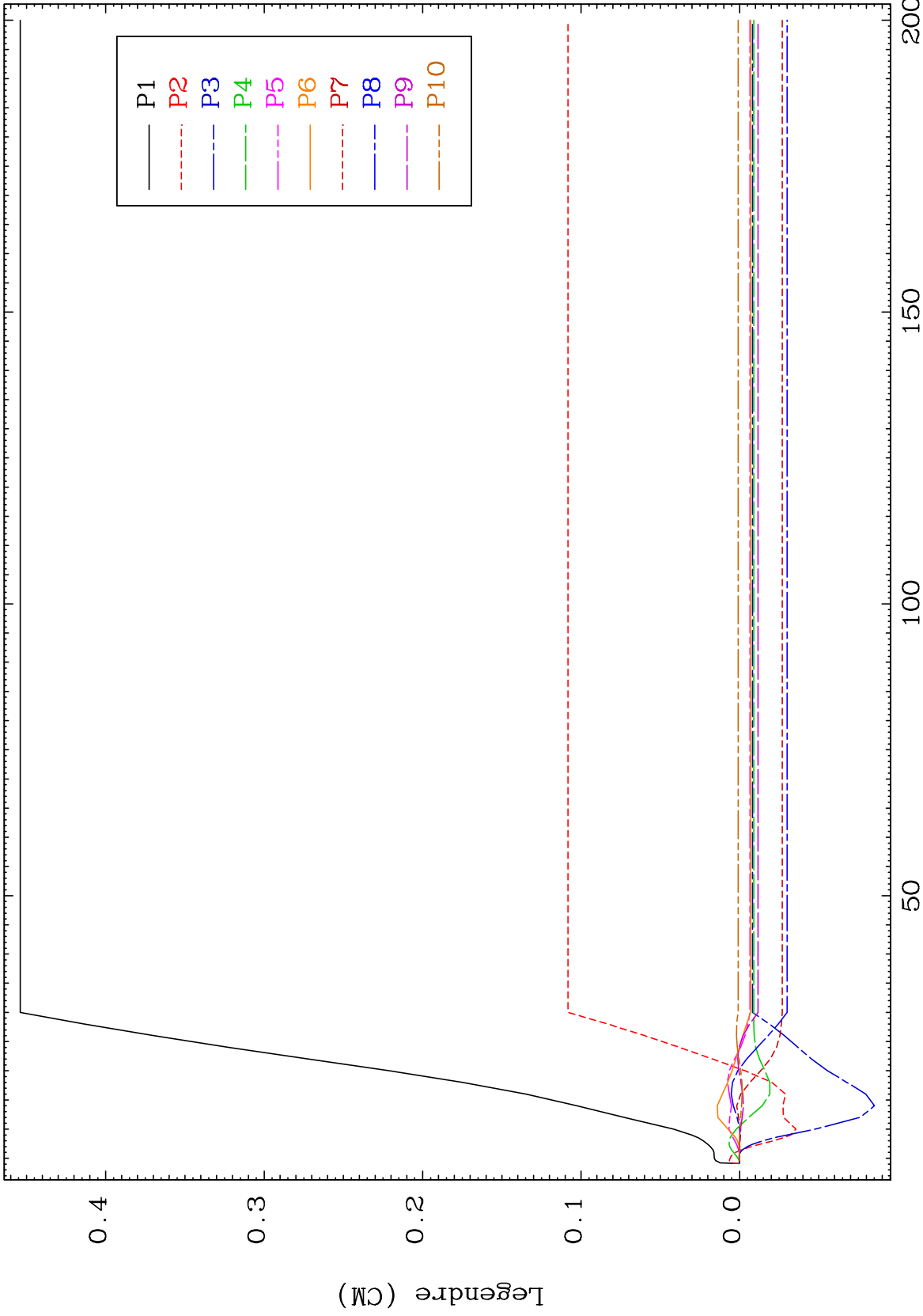
18-Ar-37

18-Ar-37

MAT 1828

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

18-Ar-37



63

Incident Energy (MeV)

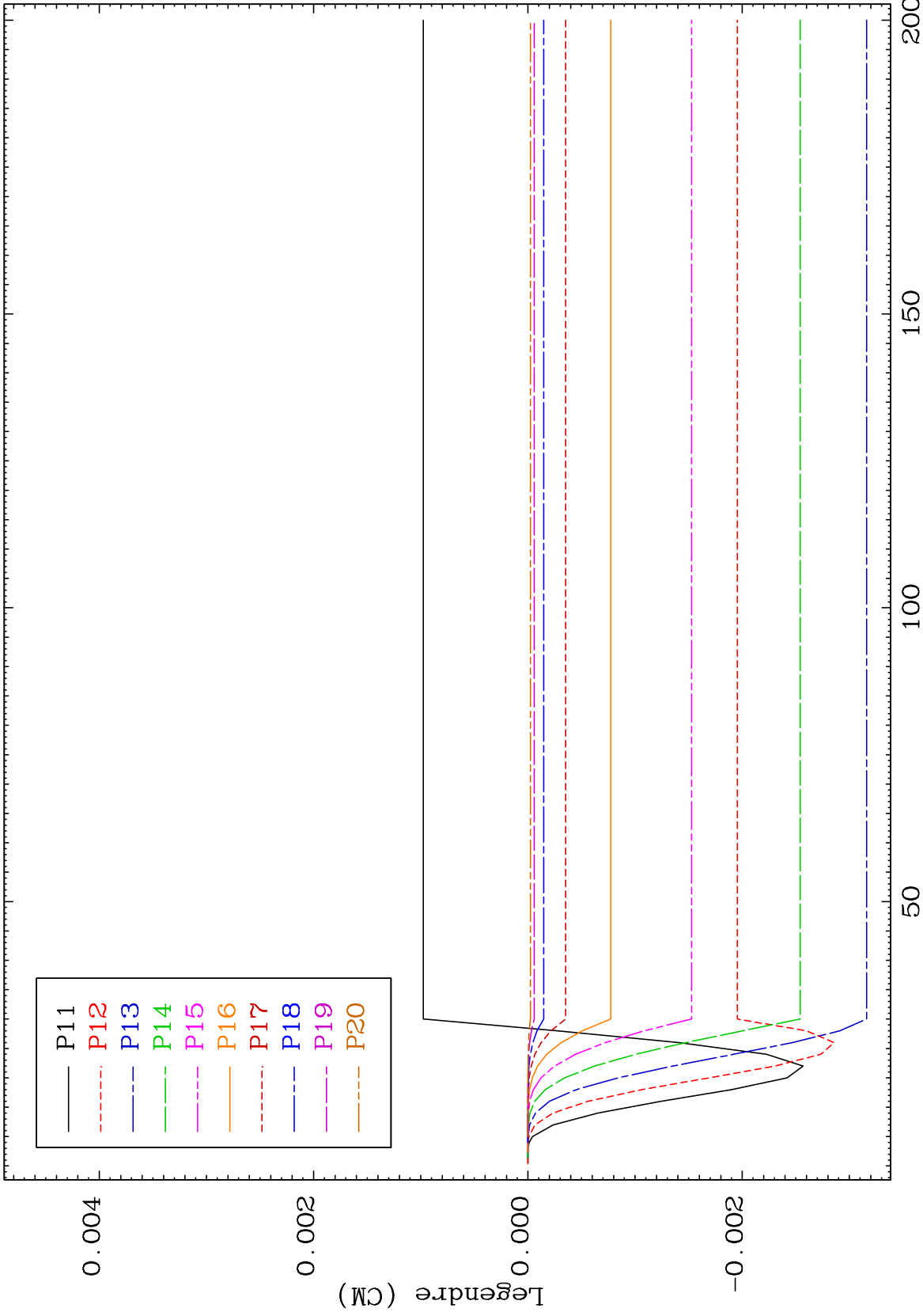
18-Ar-37



MAT 1828

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

18-Ar-37



64

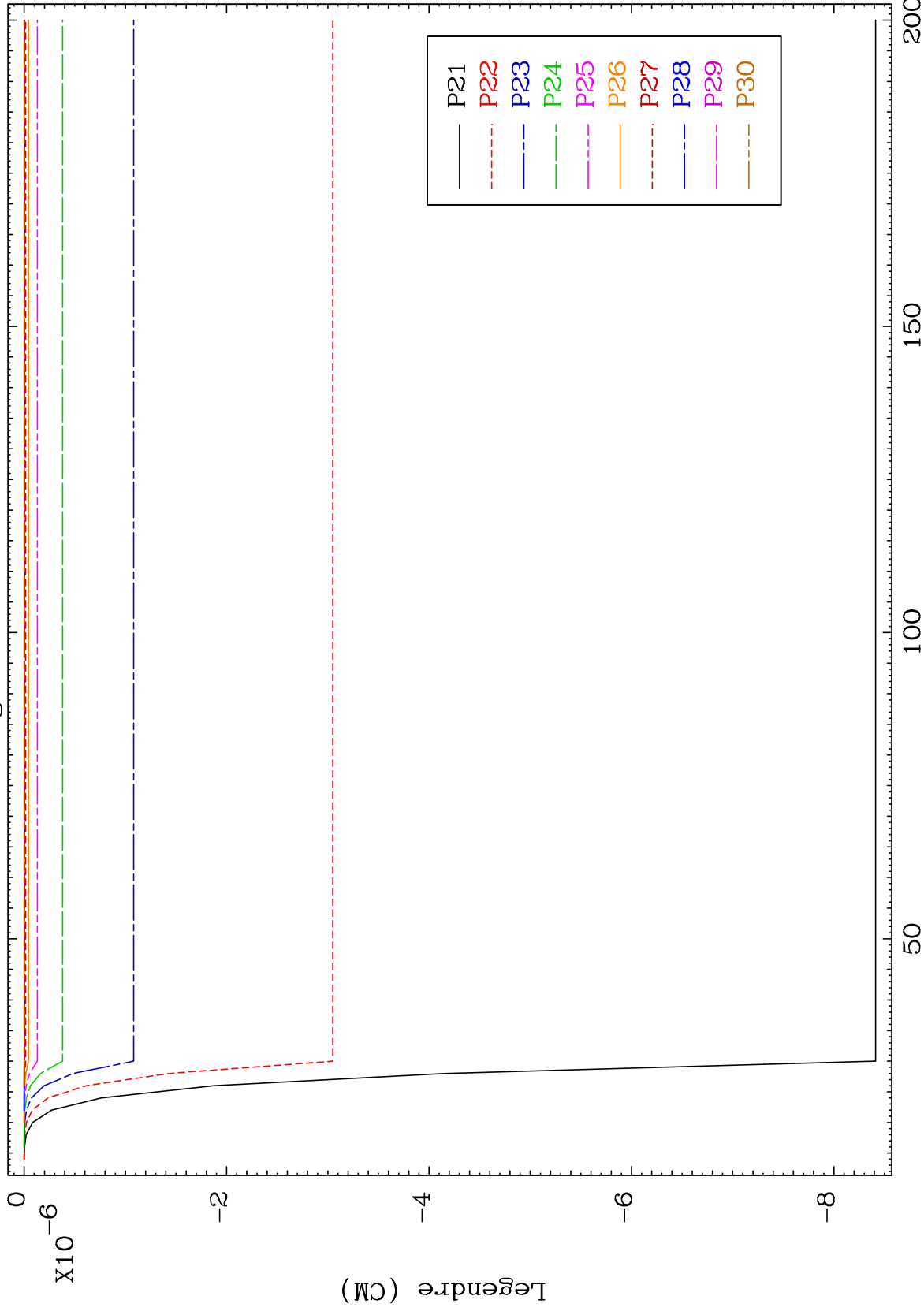
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

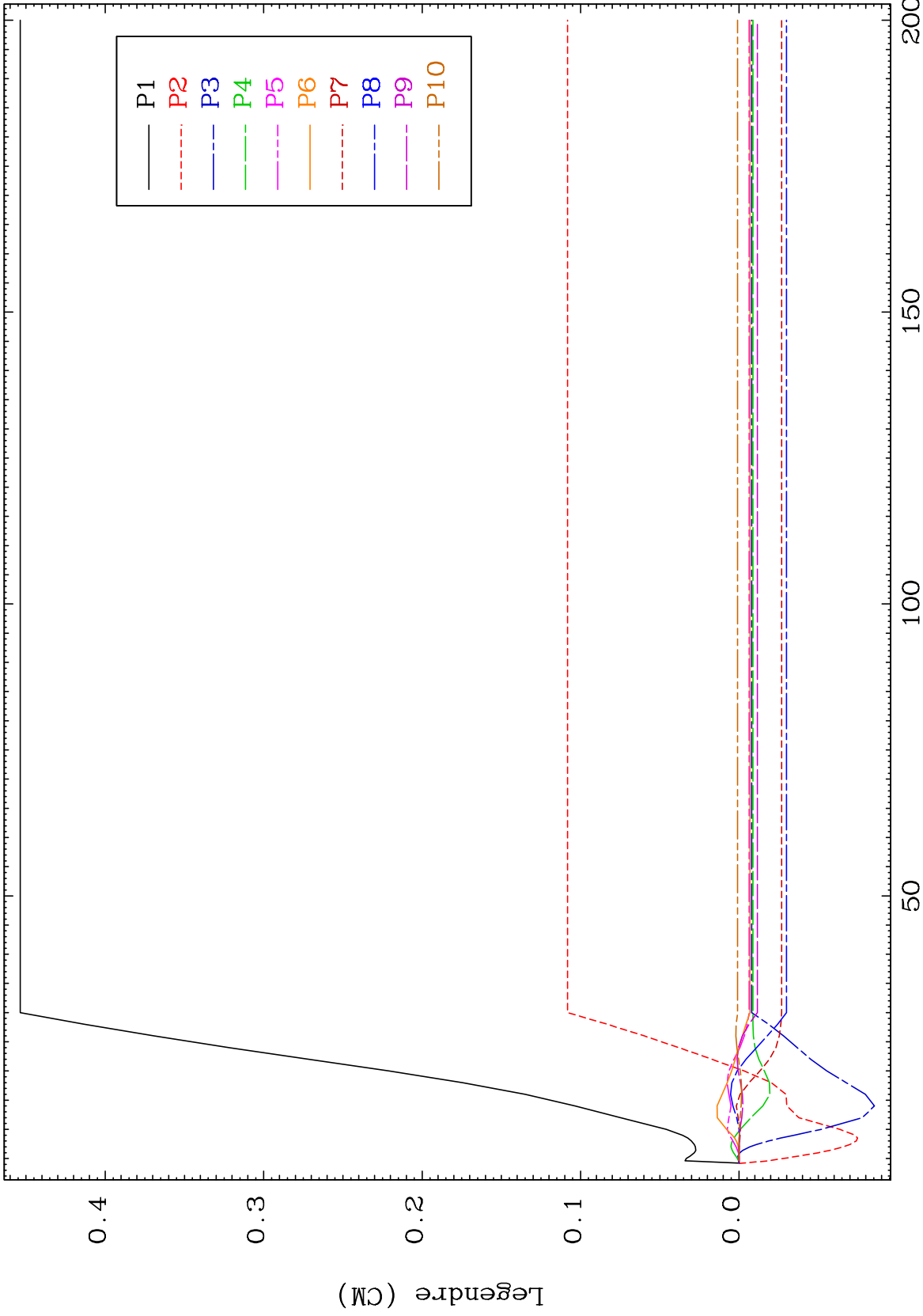
18-Ar-37



65

Incident Energy (MeV)

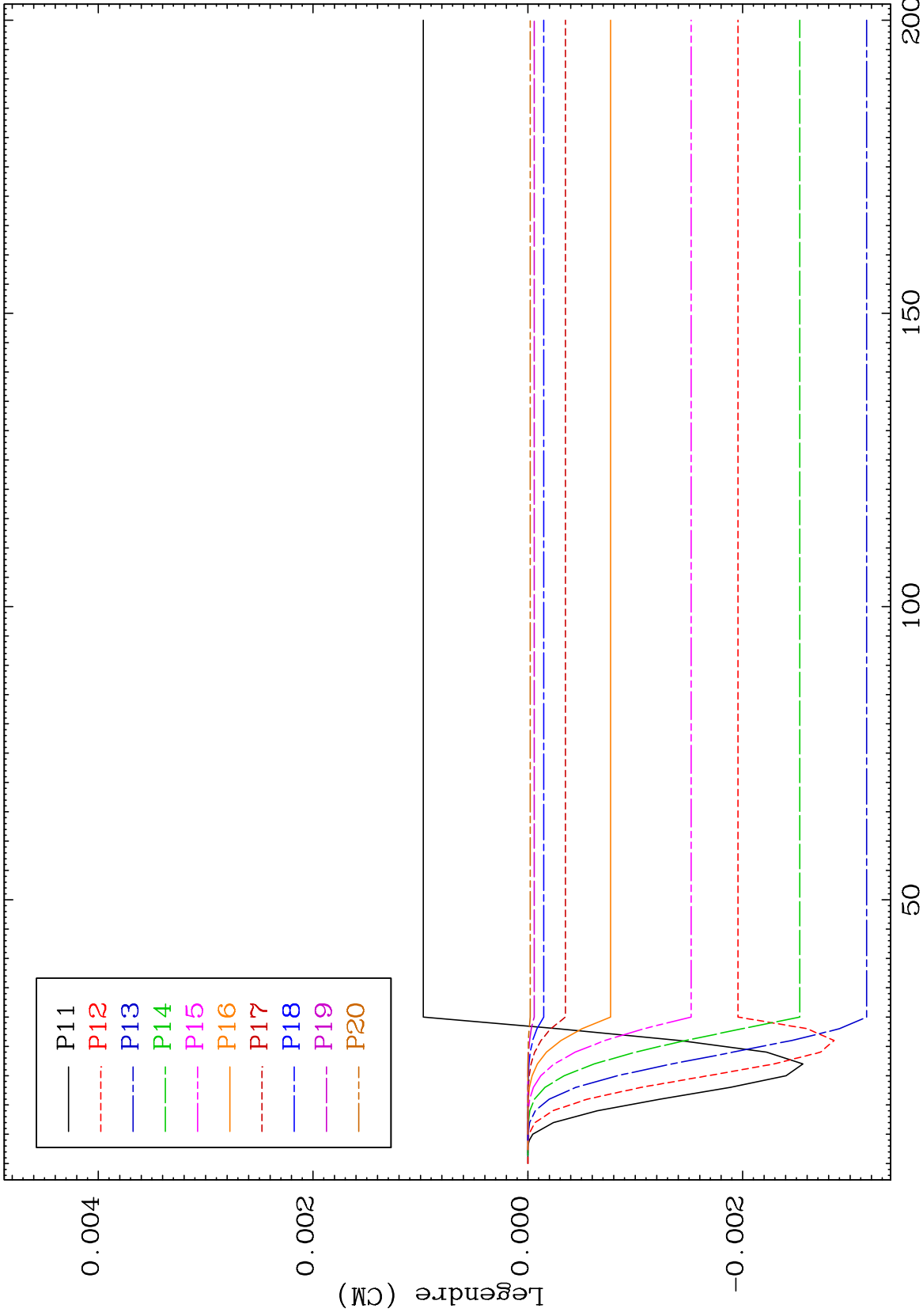
18-Ar-37



MAT 1828

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

18-Ar-37



67

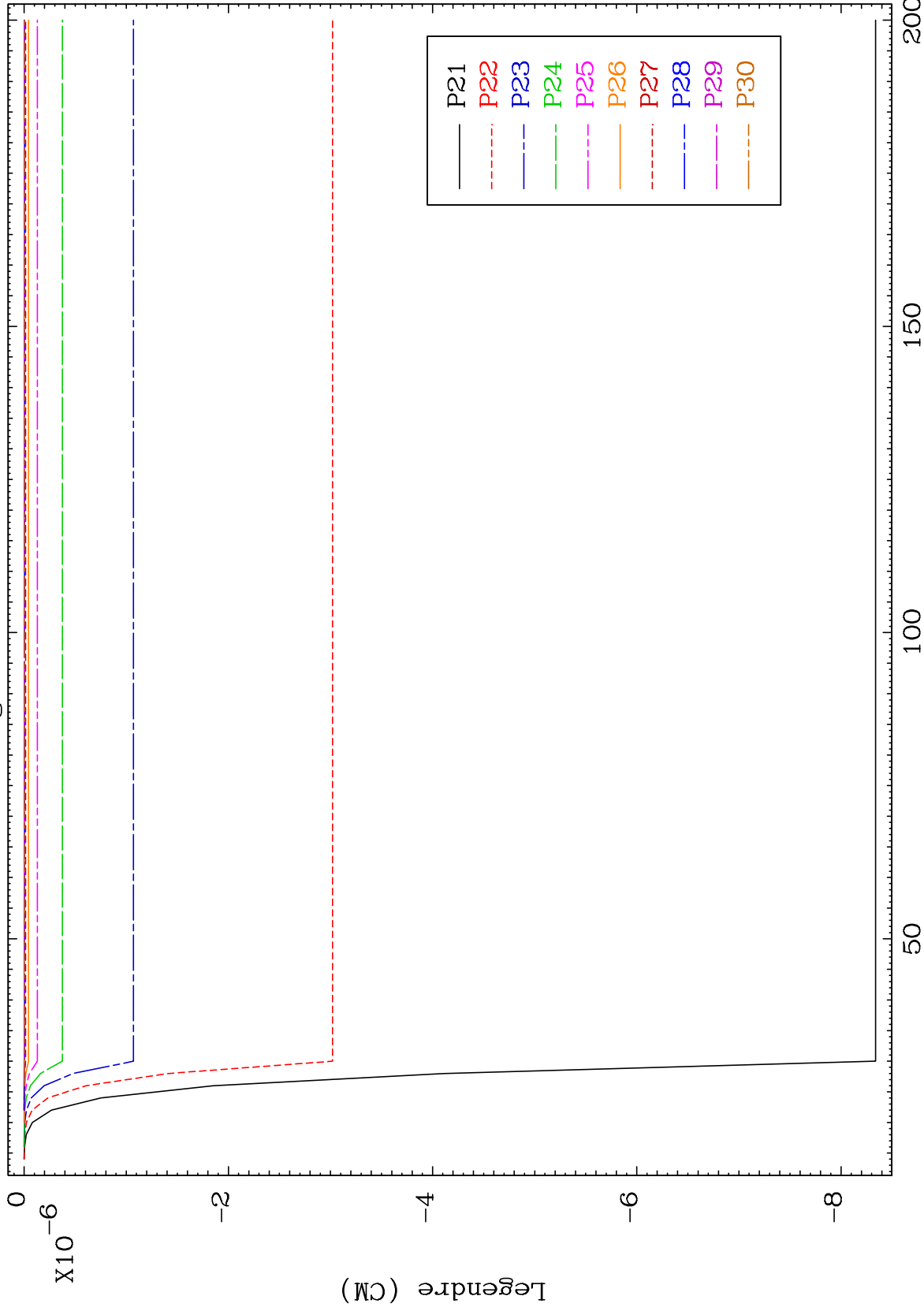
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



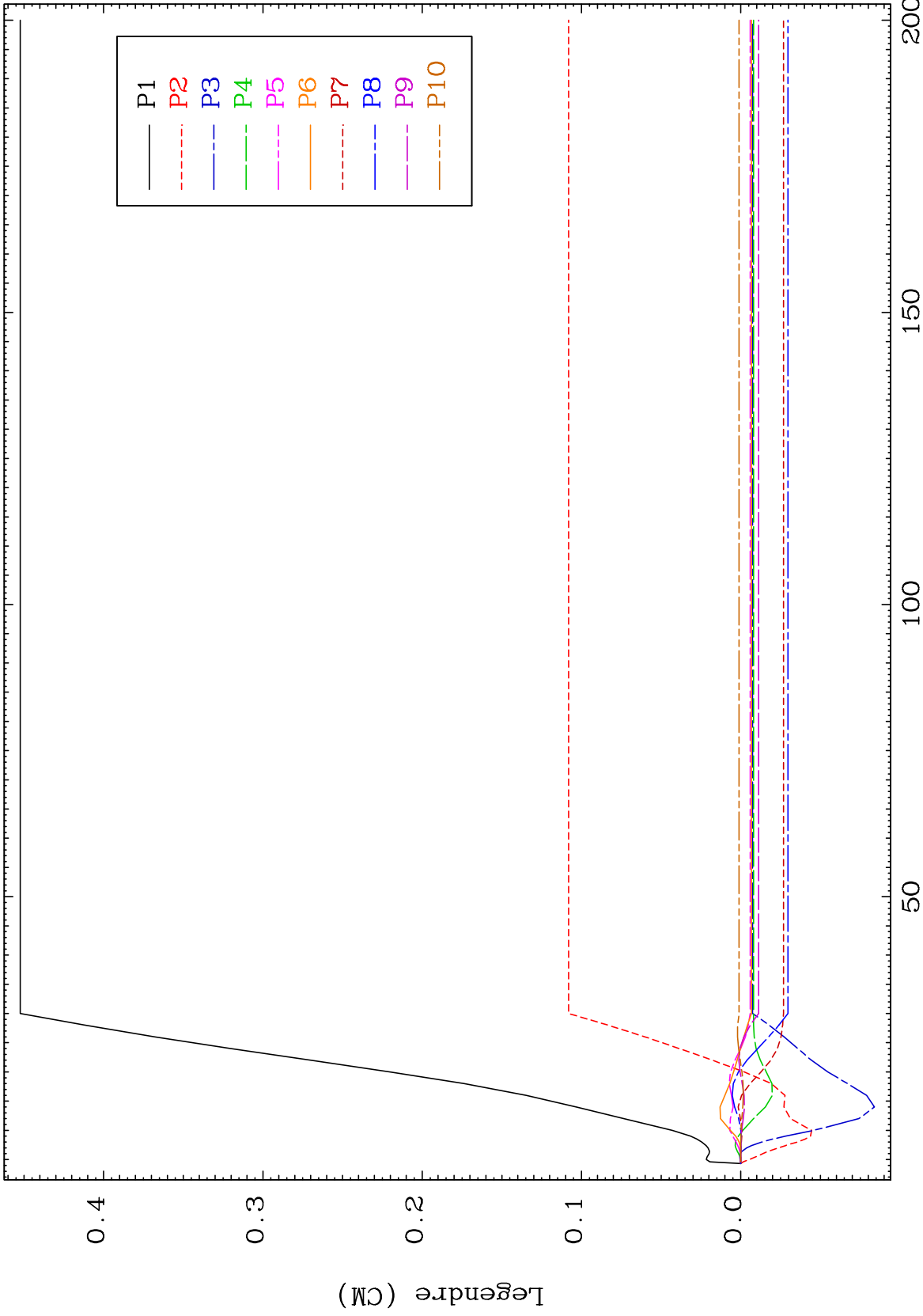
68

18-Ar-37

MAT 1828

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

18-Ar-37



69

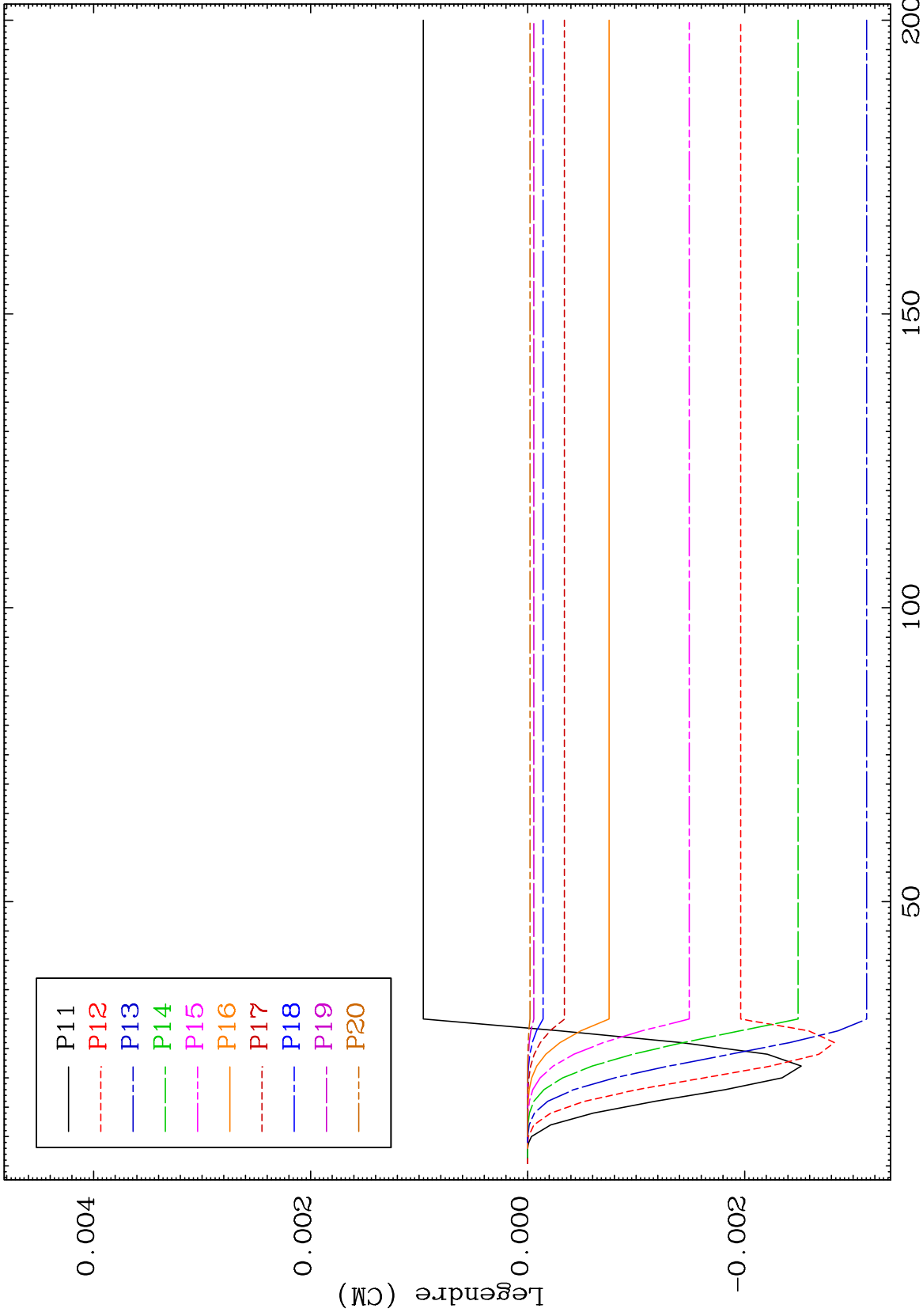
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



70

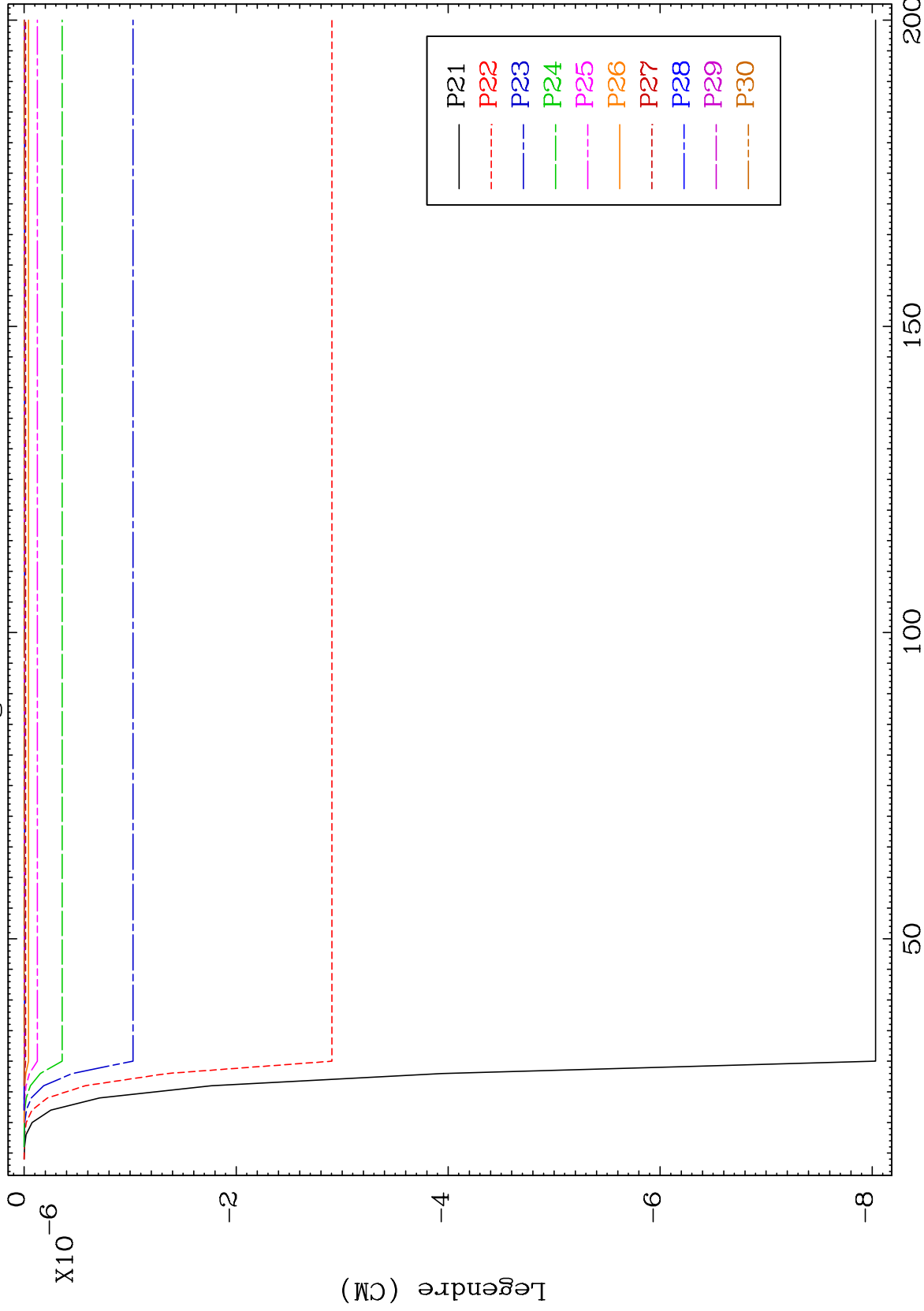
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



18-Ar-37

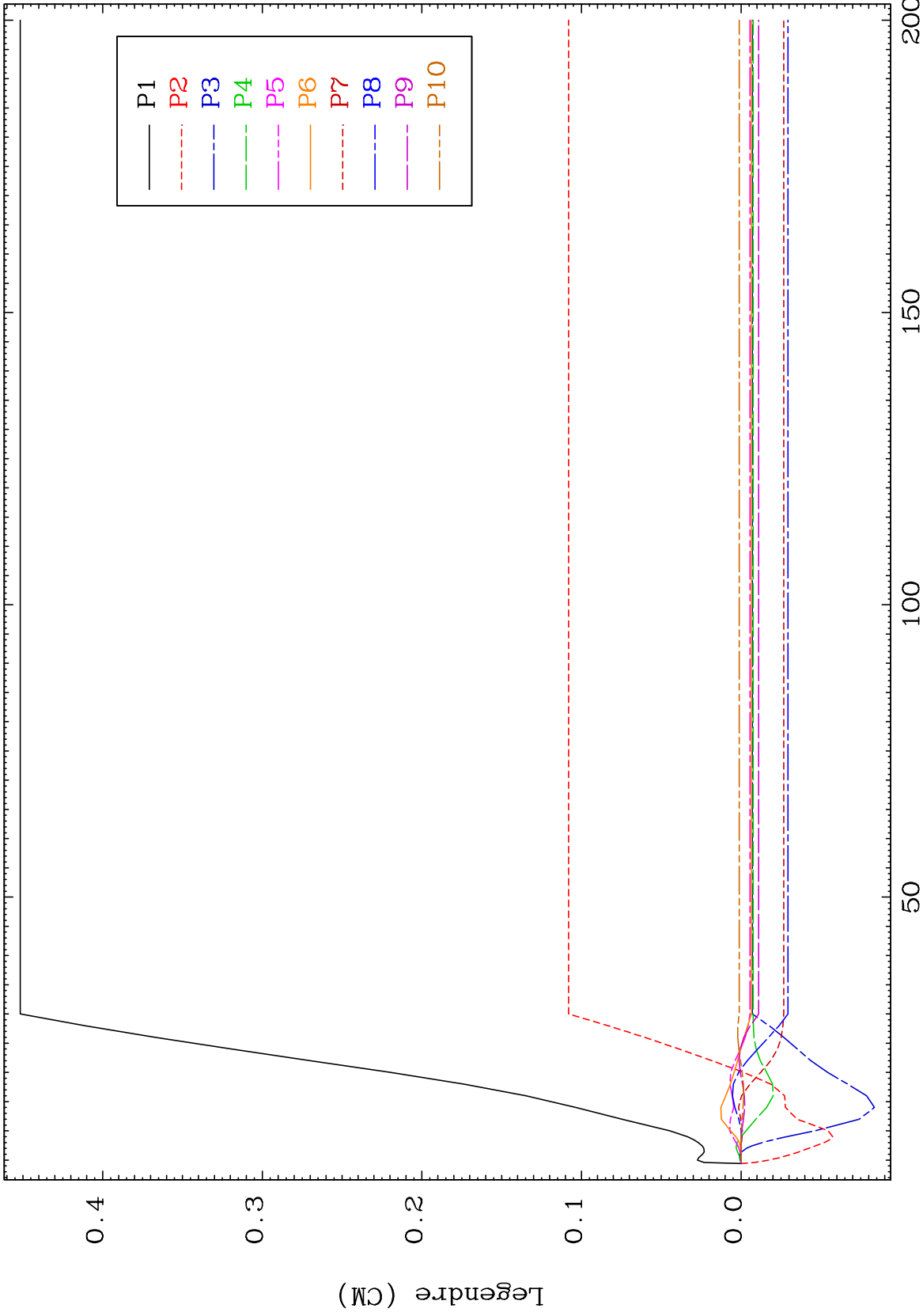
71



MAT 1828

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

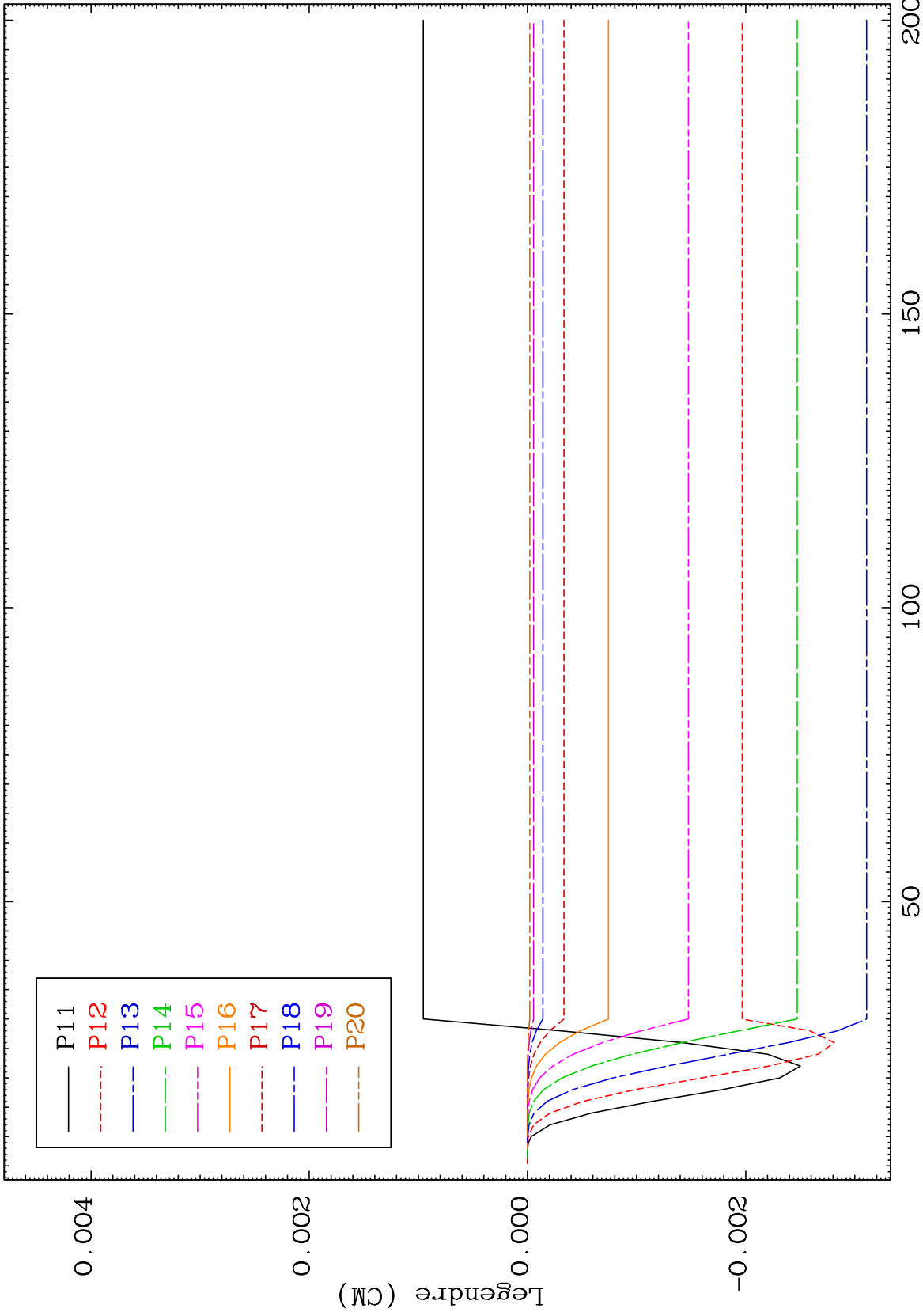
18-Ar-37



72

Incident Energy (MeV)

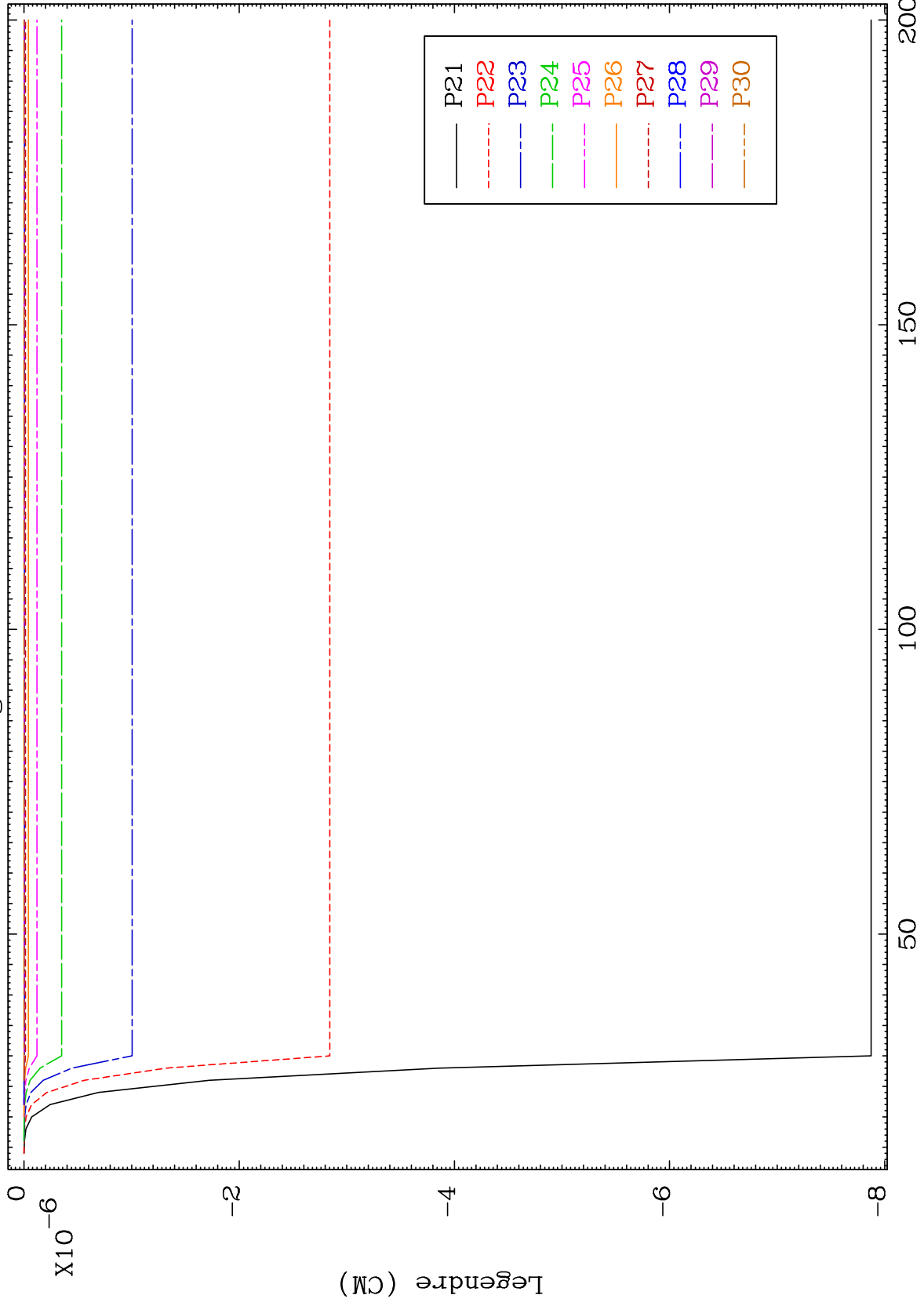
18-Ar-37



MAT 1828

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

18-Ar-37



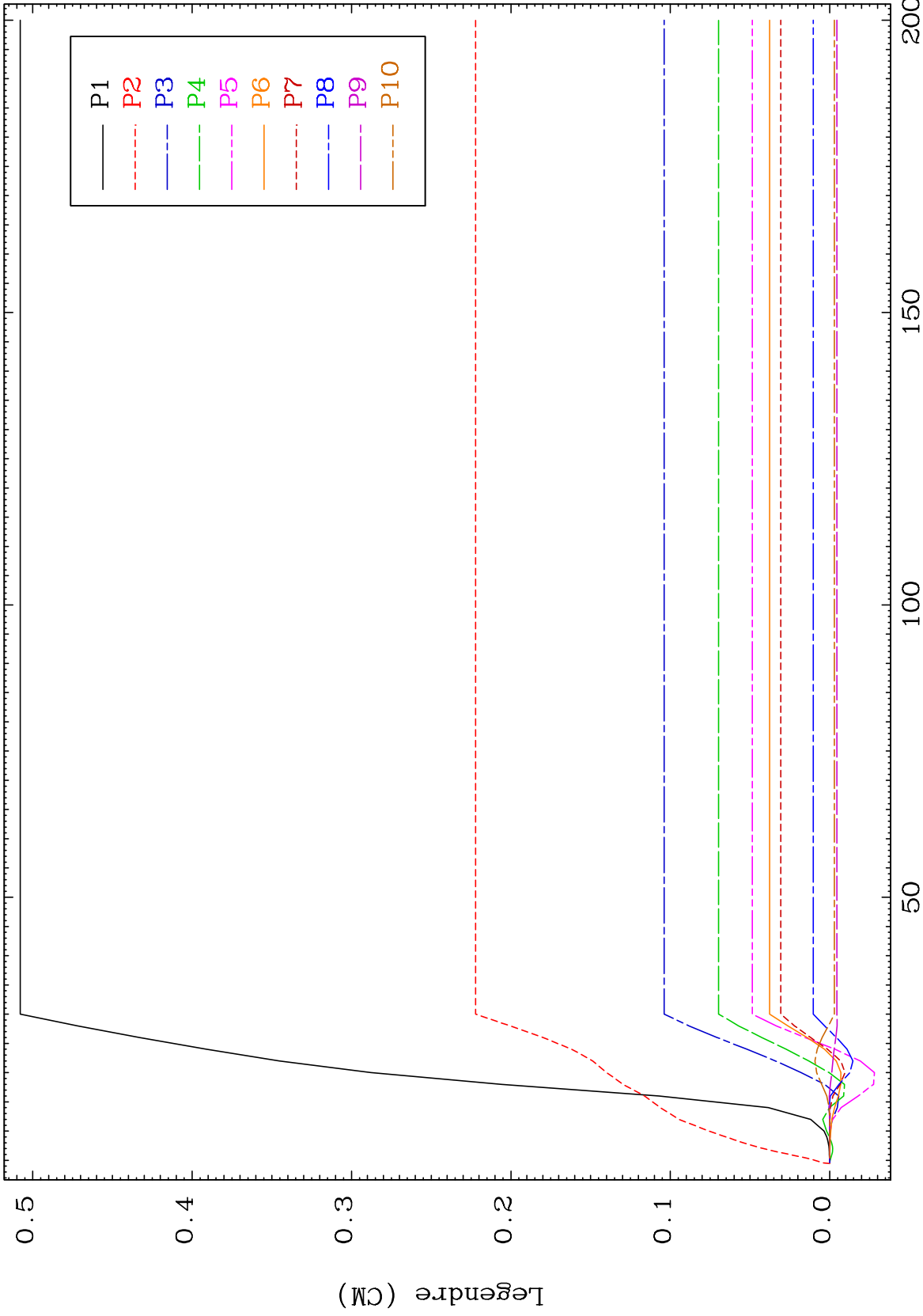
74

18-Ar-37

MAT 1828

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

18-Ar-37



75

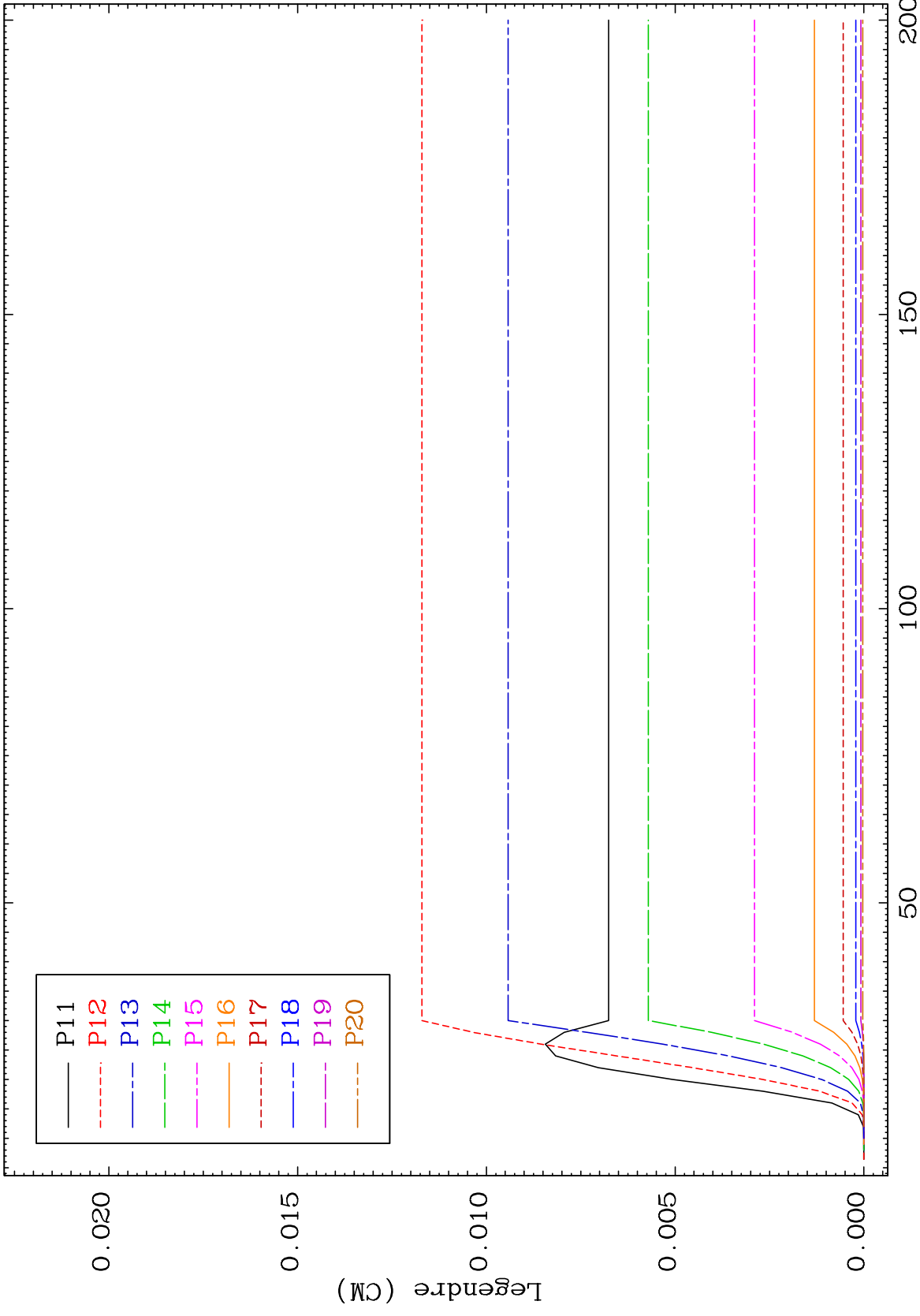
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



76

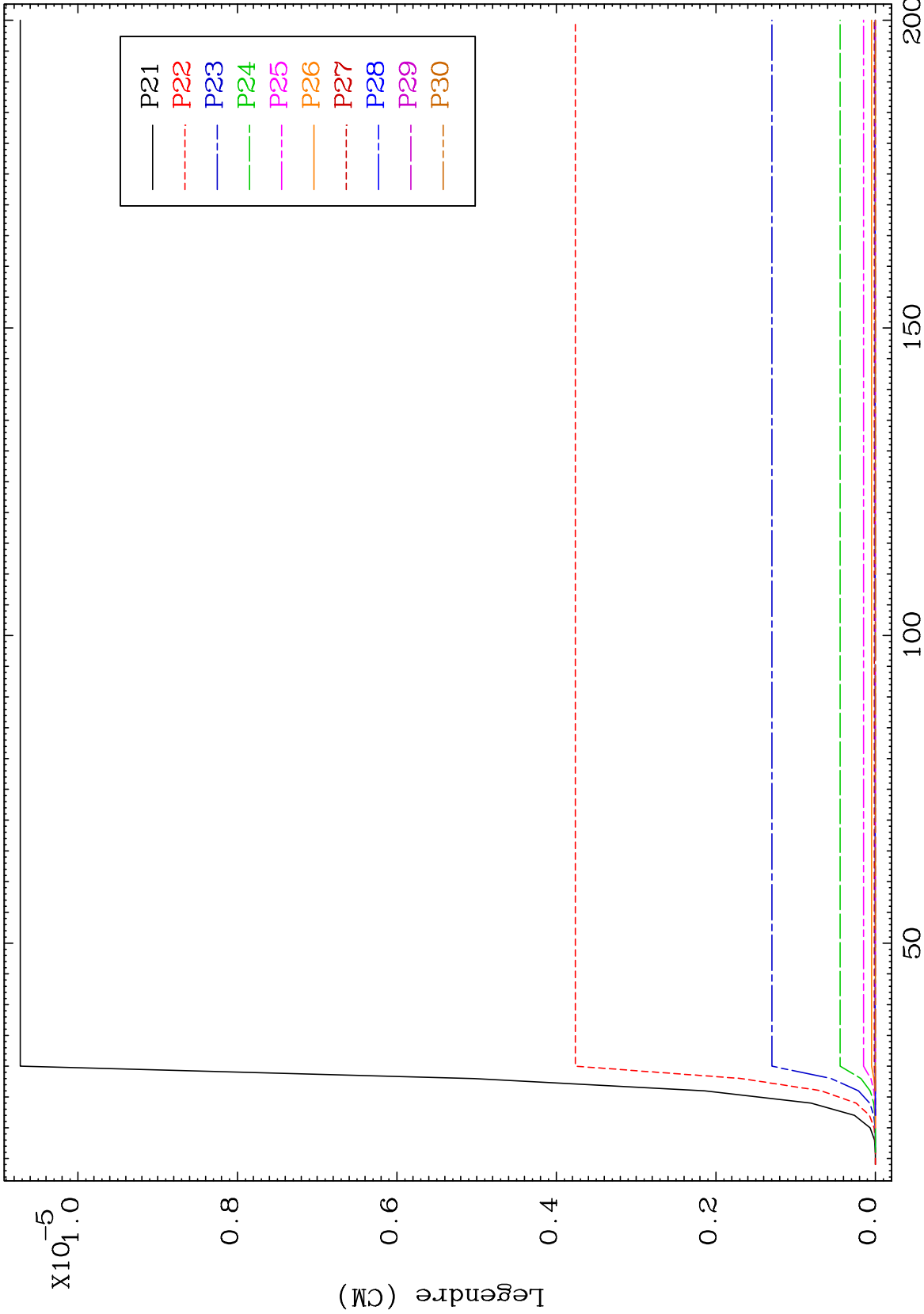
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



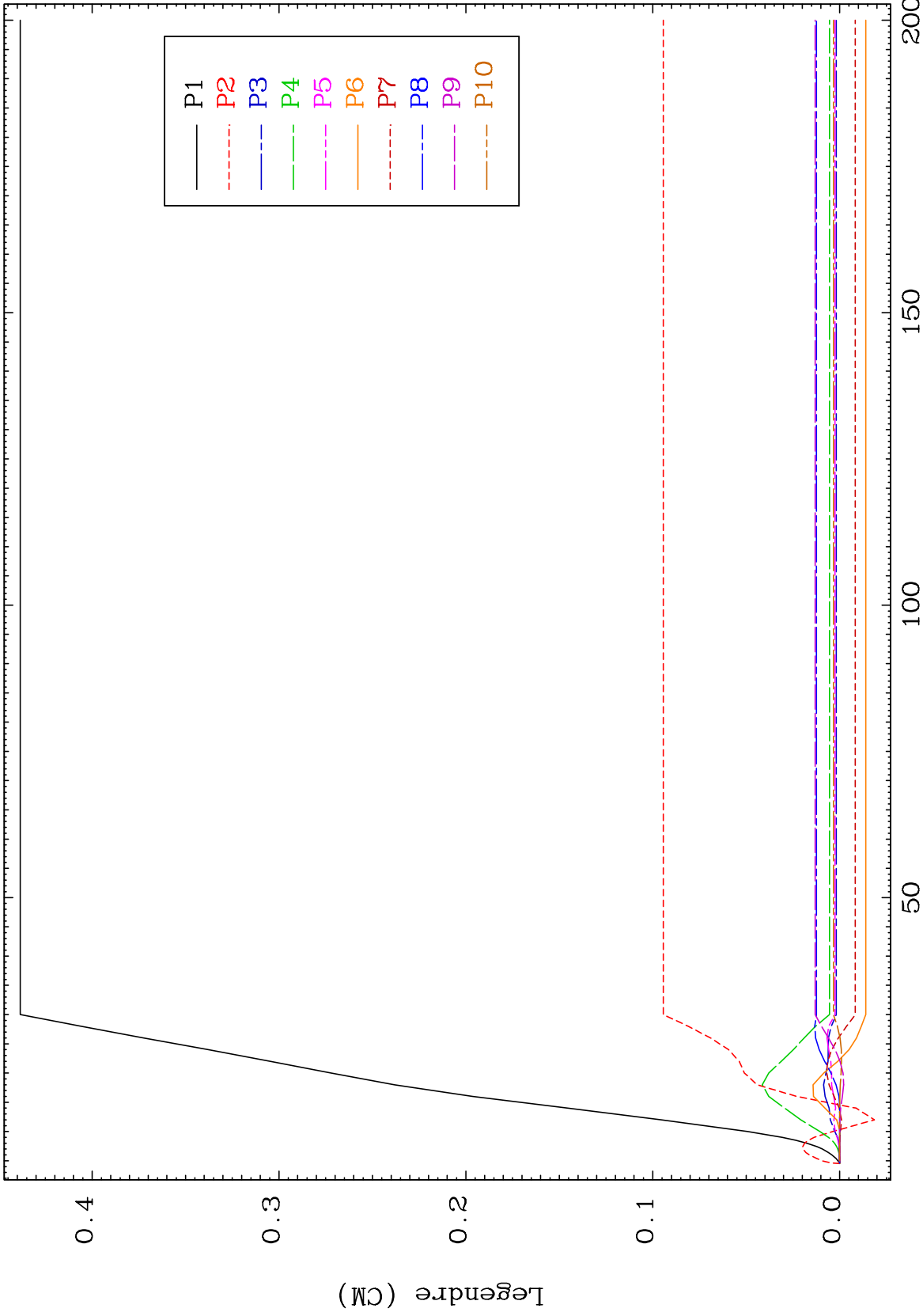
77

18-Ar-37

MAT 1828

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

18-Ar-37



78

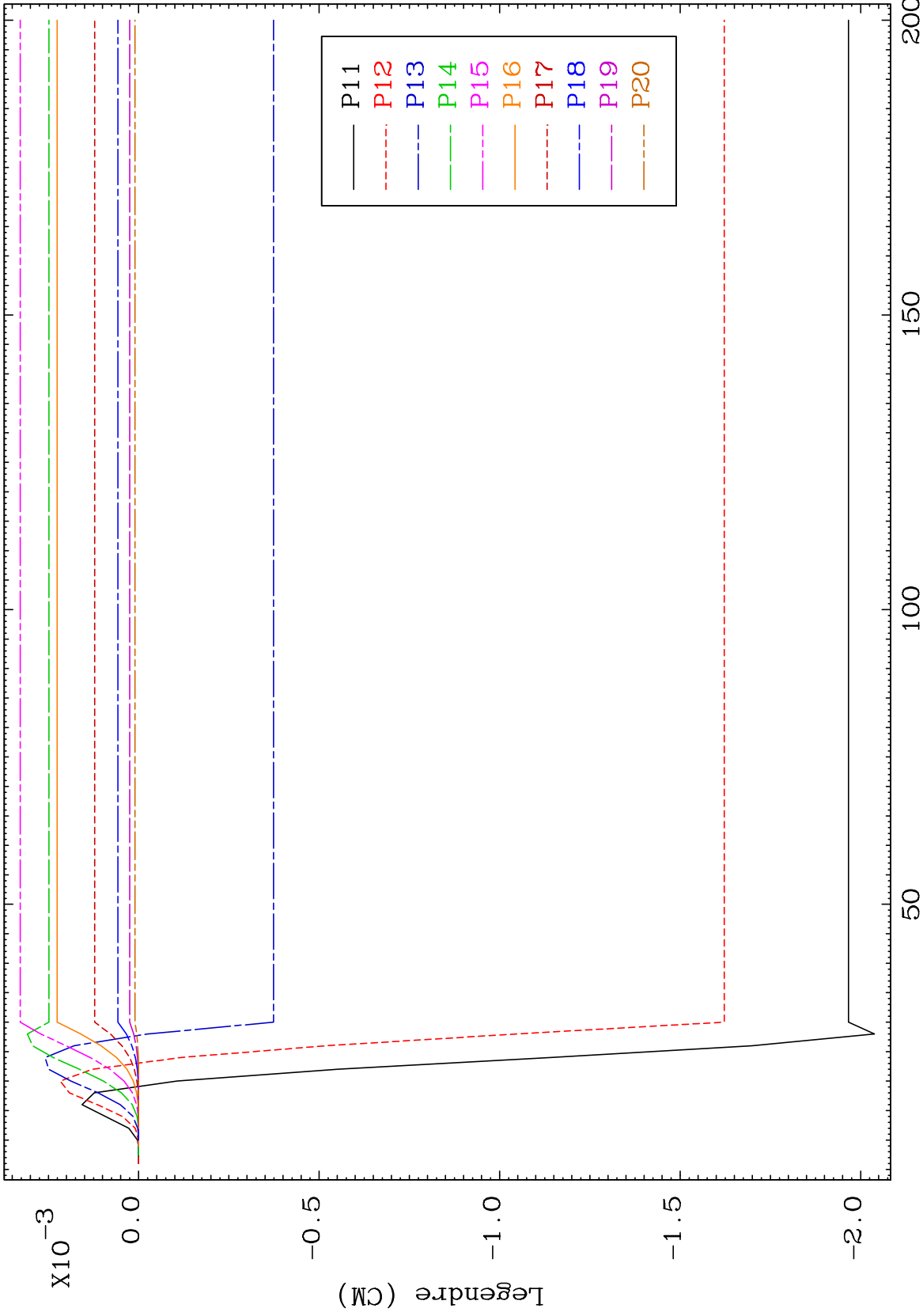
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



79

Incident Energy (MeV)

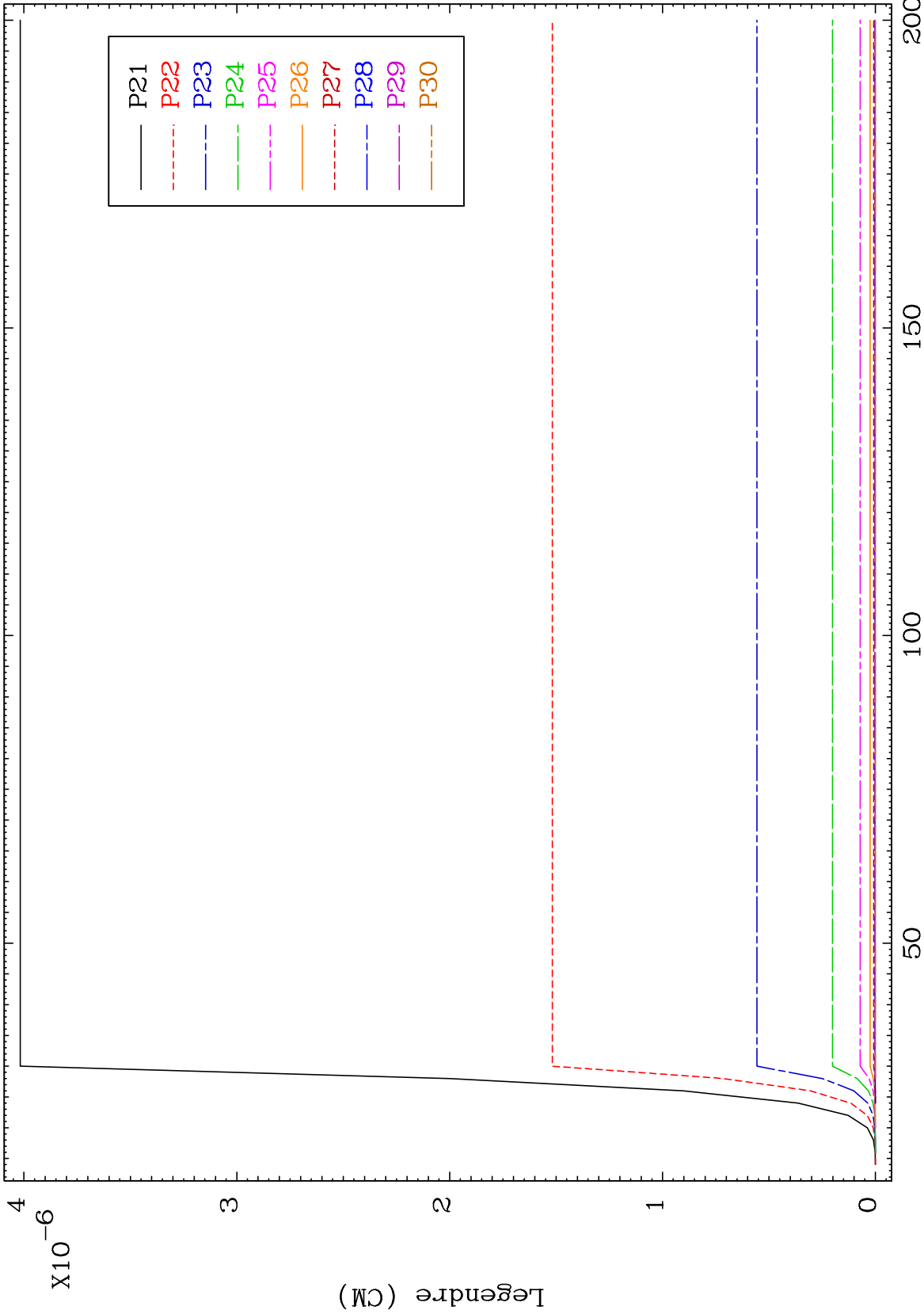
18-Ar-37



MAT 1828

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

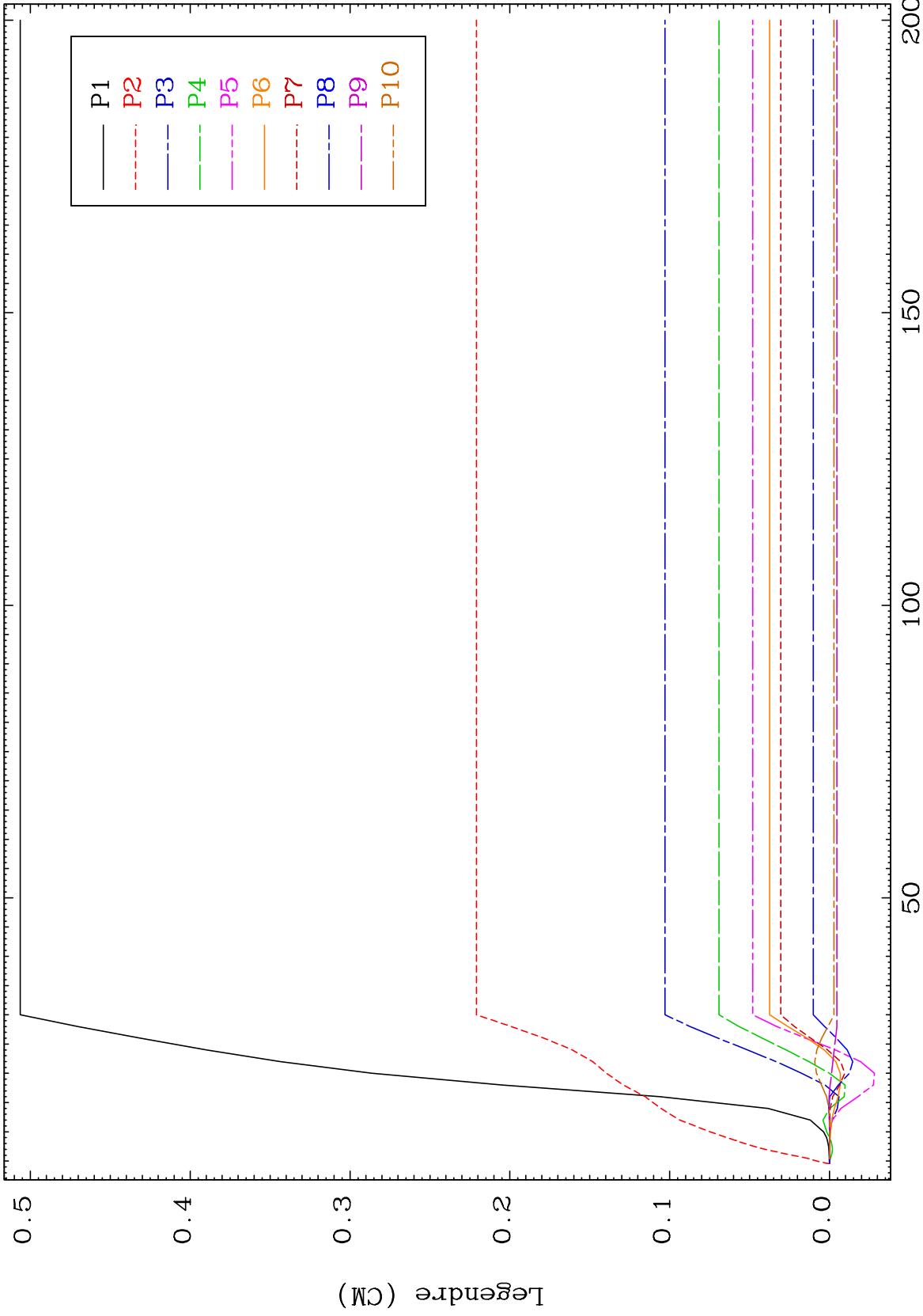
18-Ar-37



80

Incident Energy (MeV)

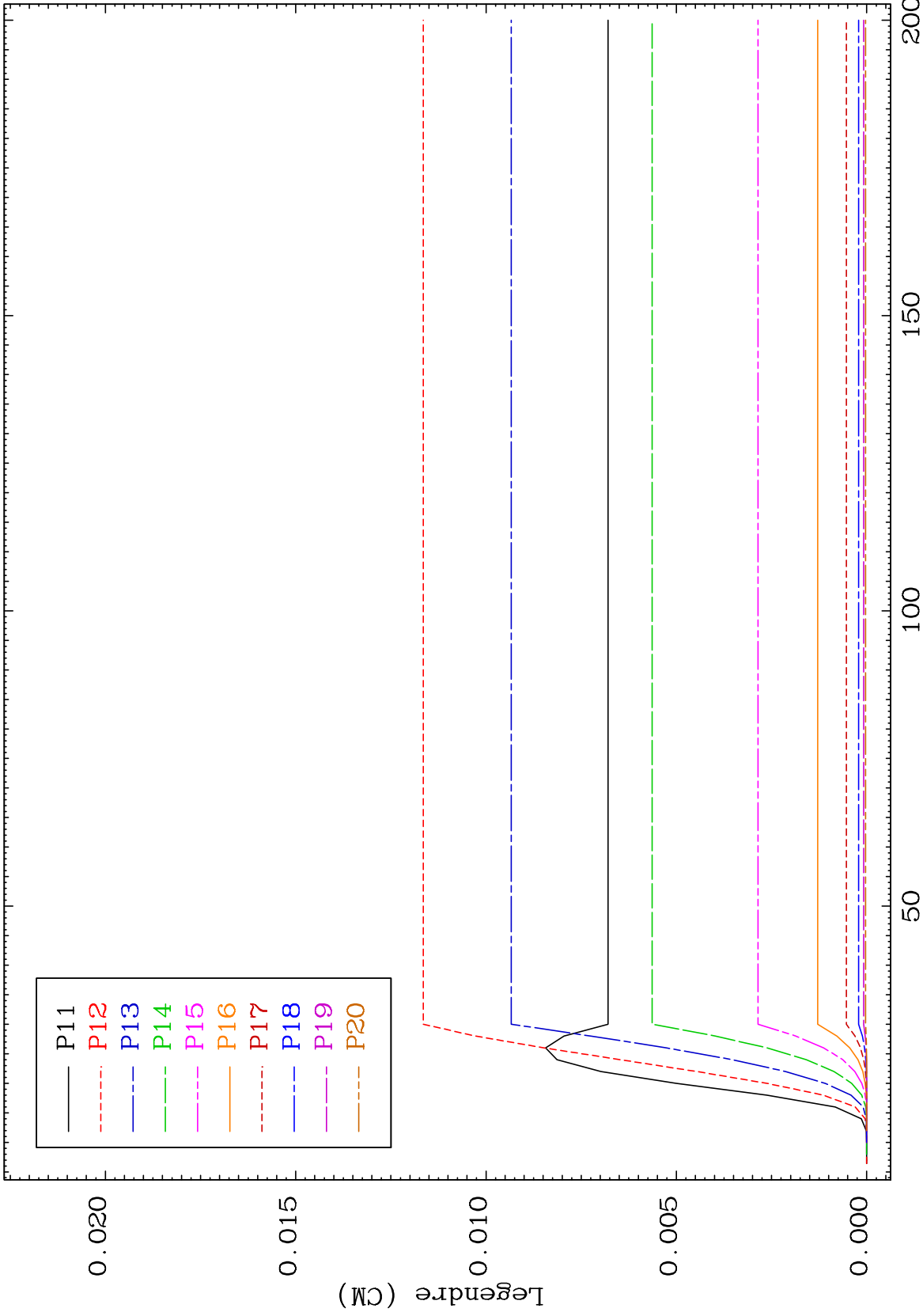
18-Ar-37



MAT 1828

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

18-Ar-37



82

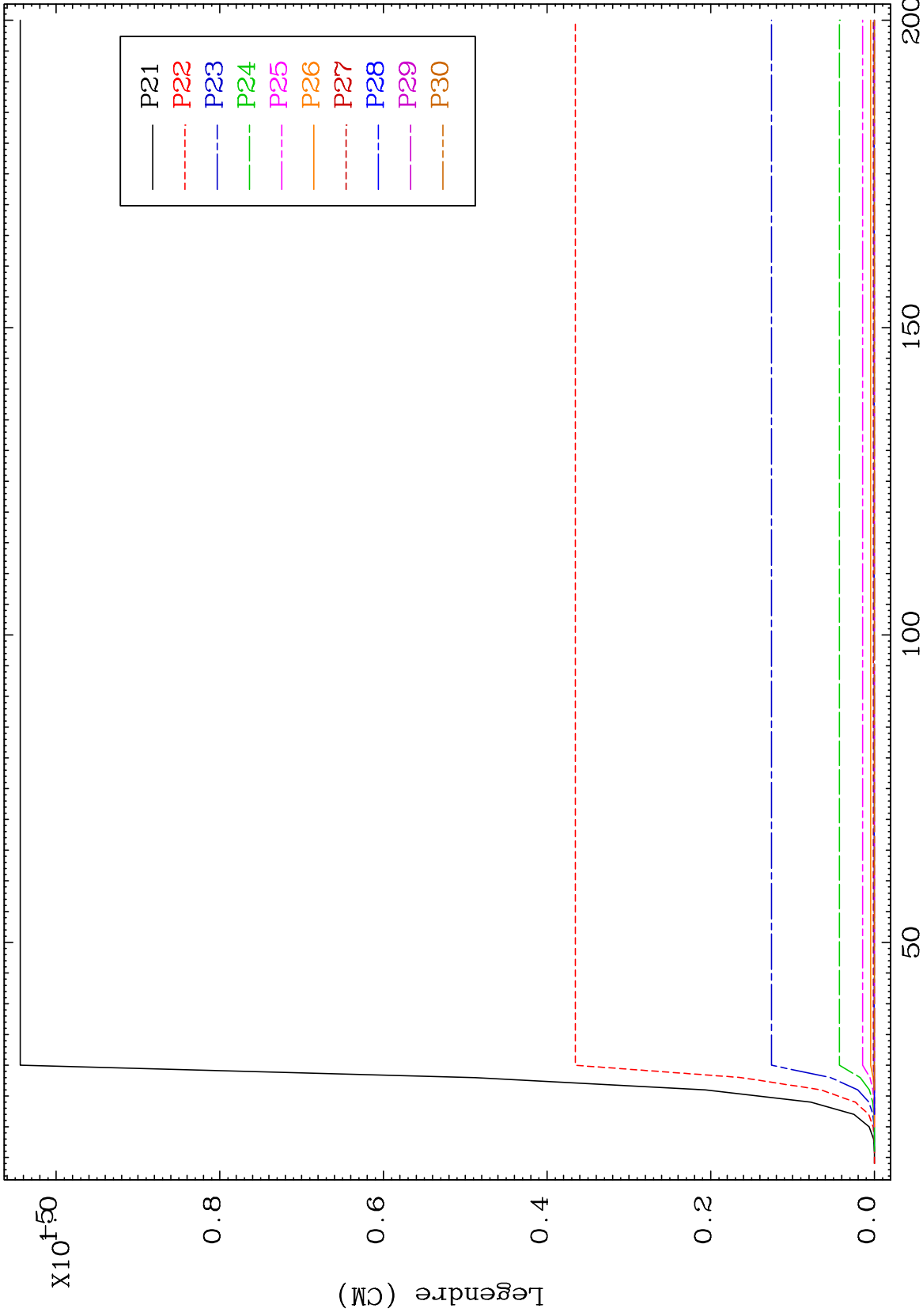
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



83

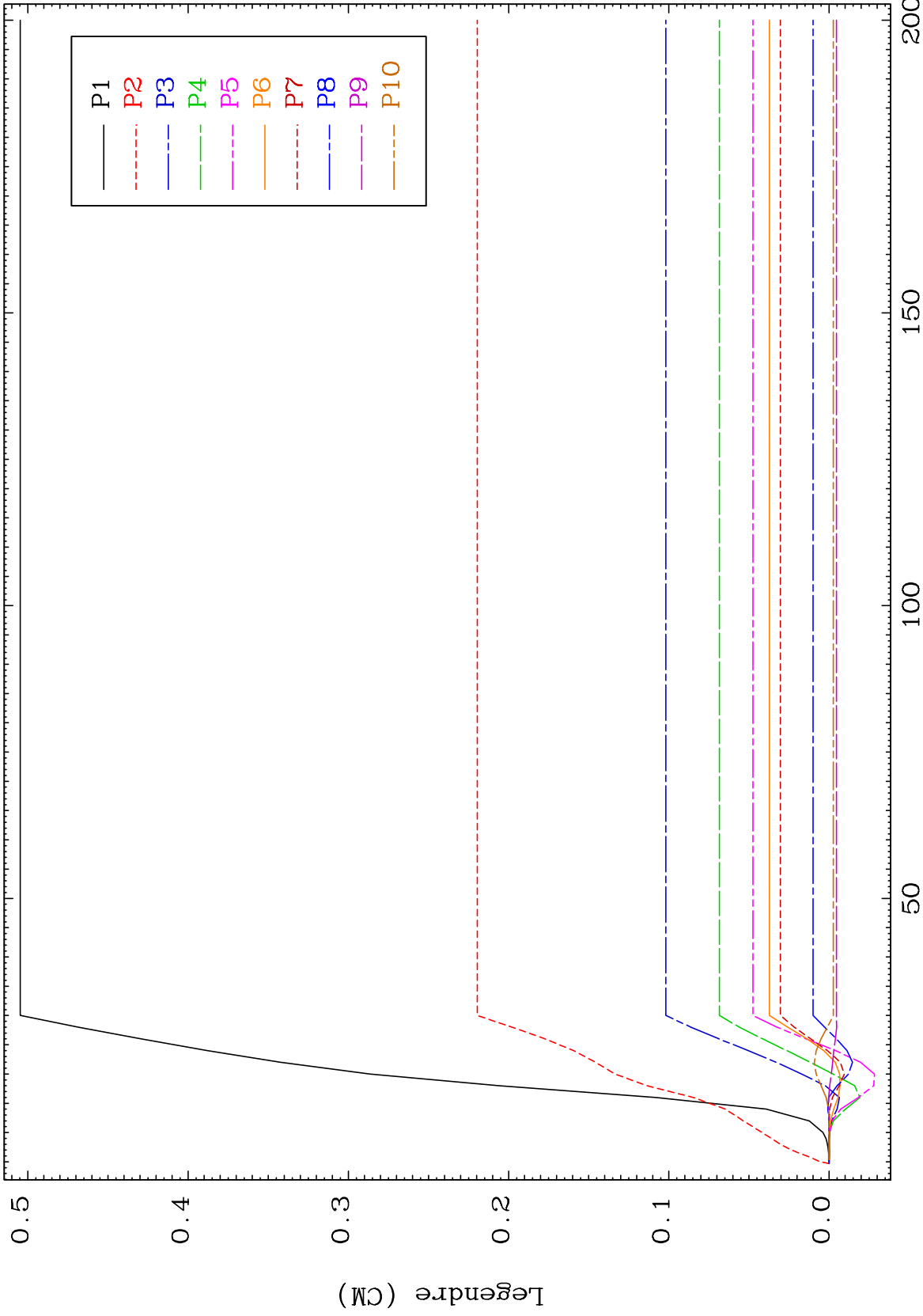
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



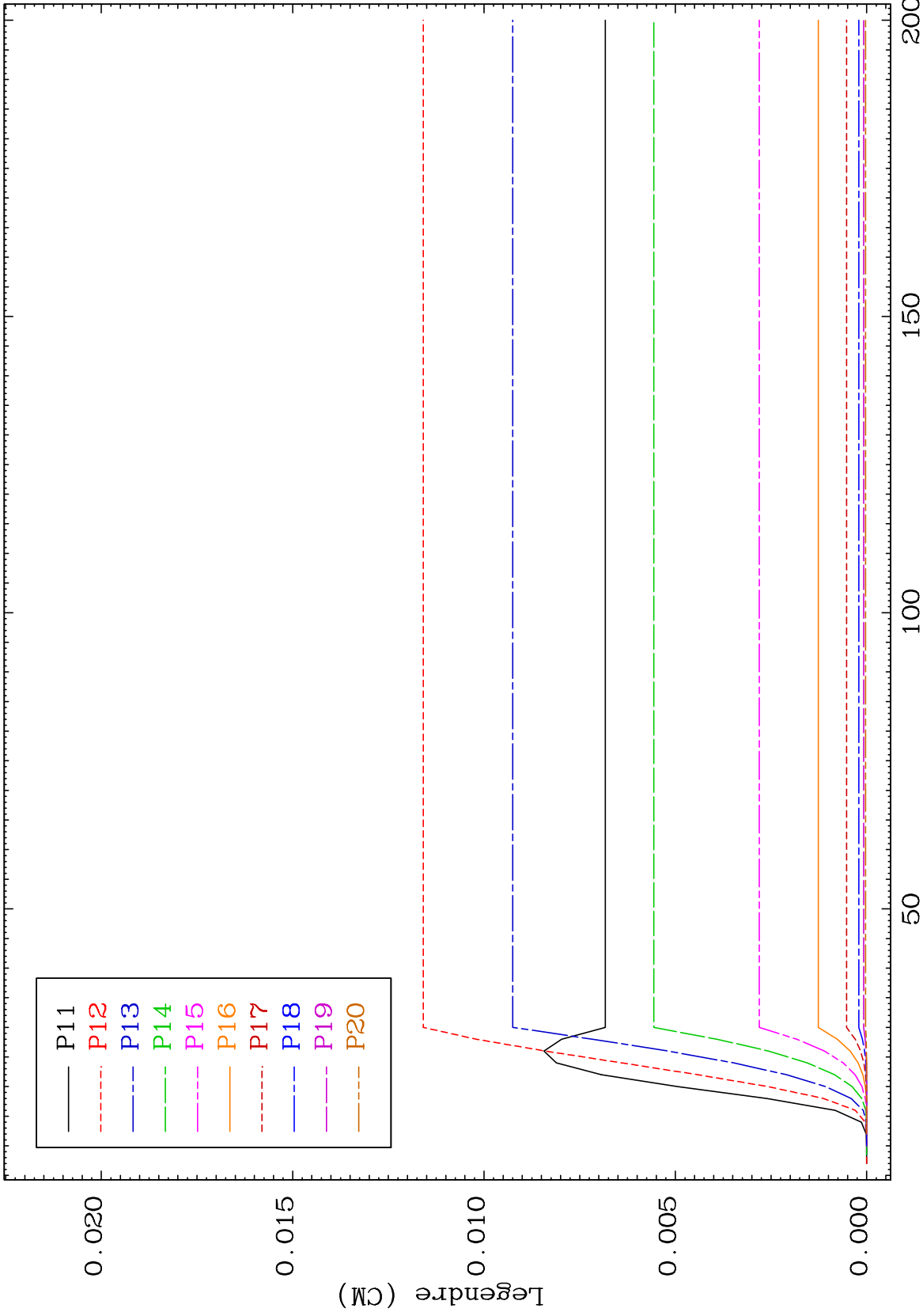
84

18-Ar-37

MAT 1828

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

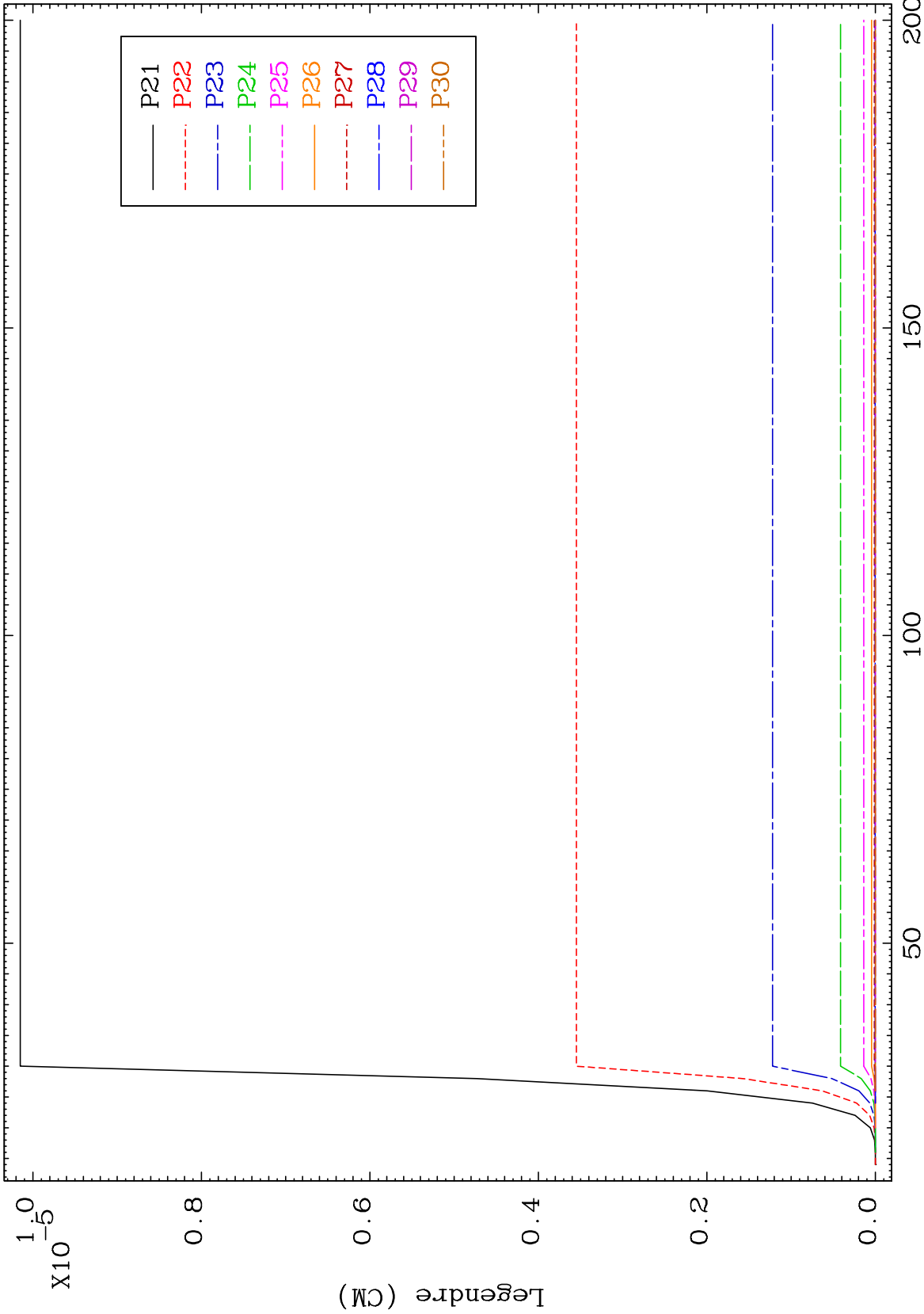
18-Ar-37



85

Incident Energy (MeV)

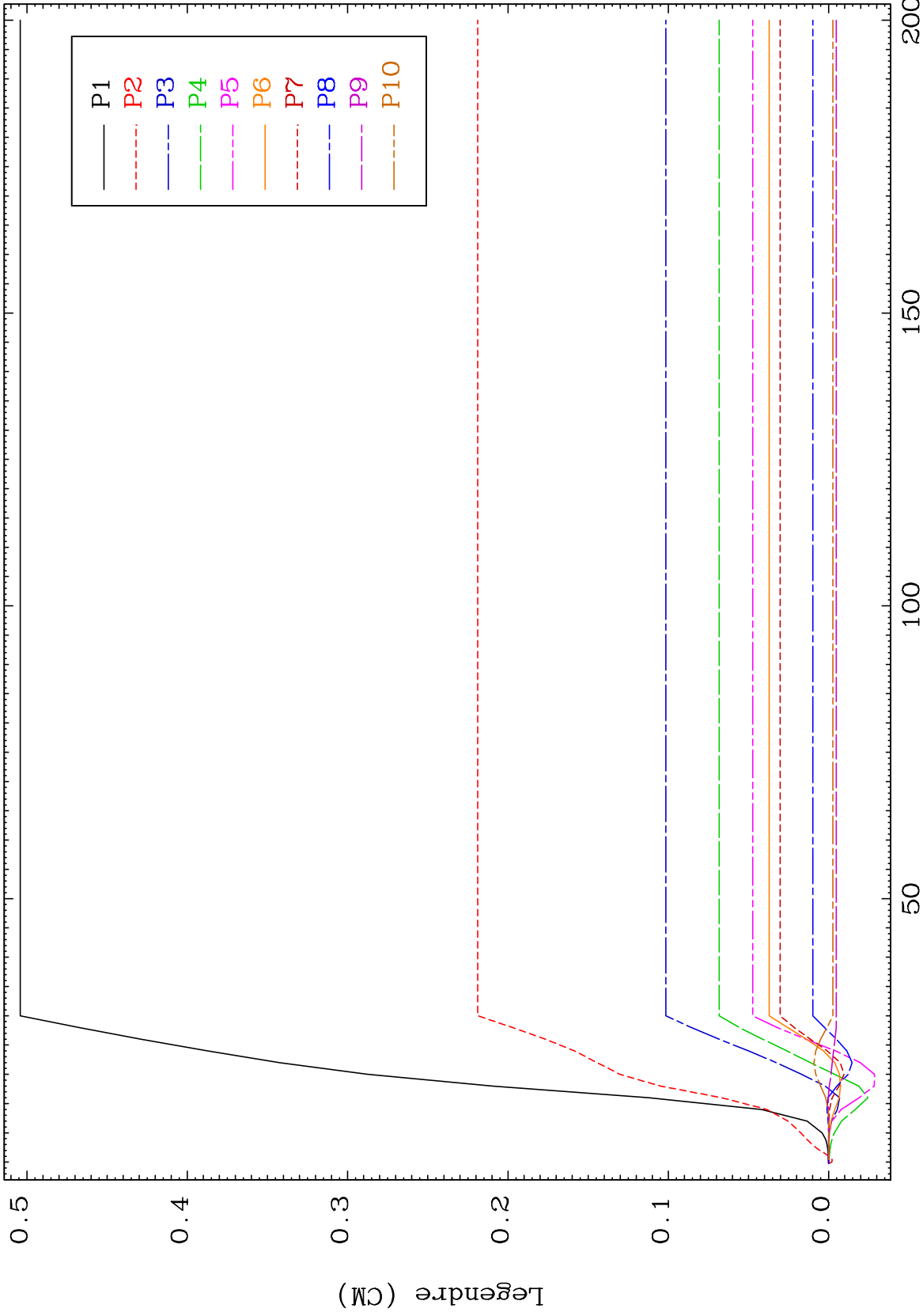
18-Ar-37



MAT 1828

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

18-Ar-37

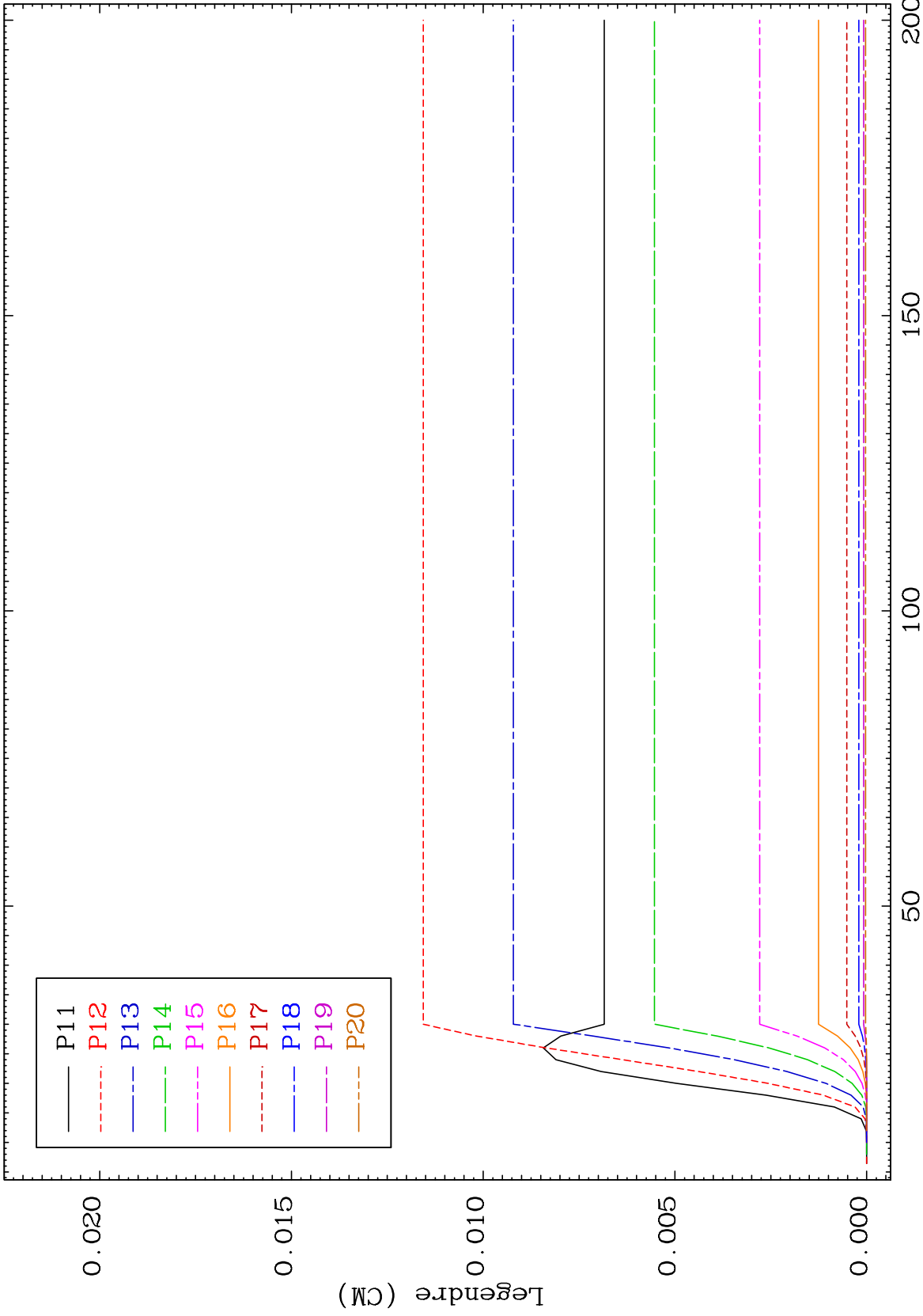


87

Incident Energy (MeV)

18-Ar-37

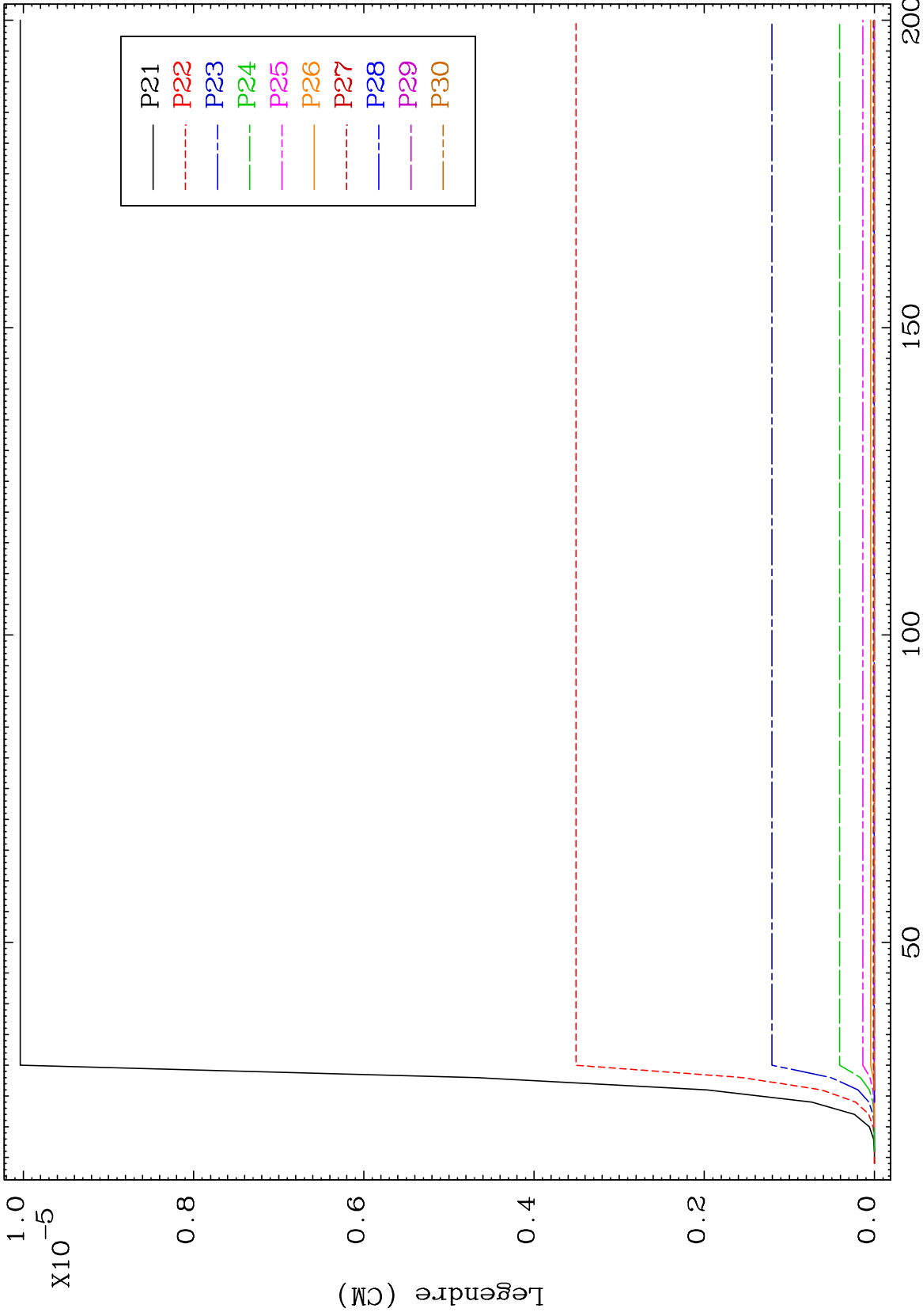




MAT 1828

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

18-Ar-37



89

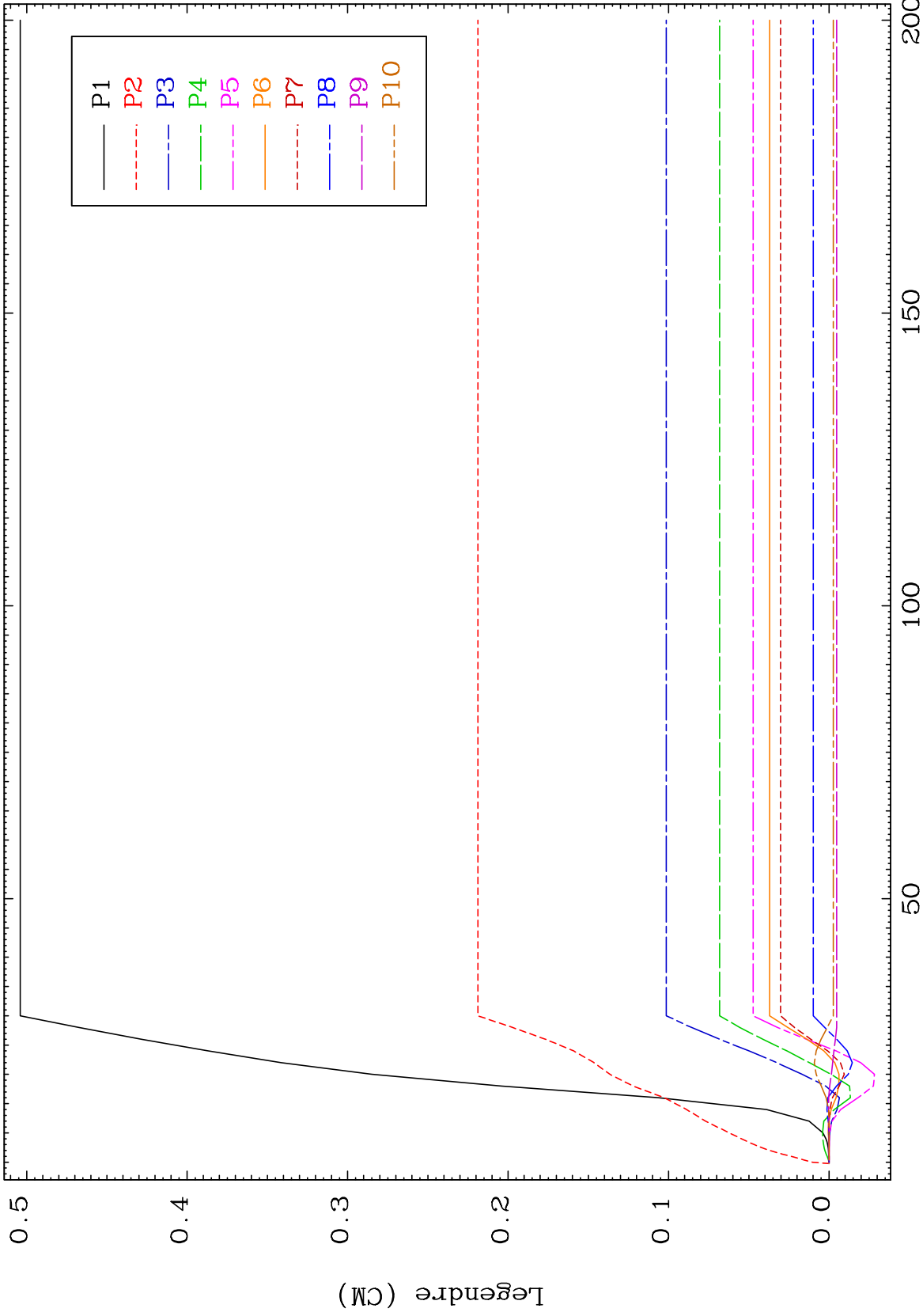
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



90

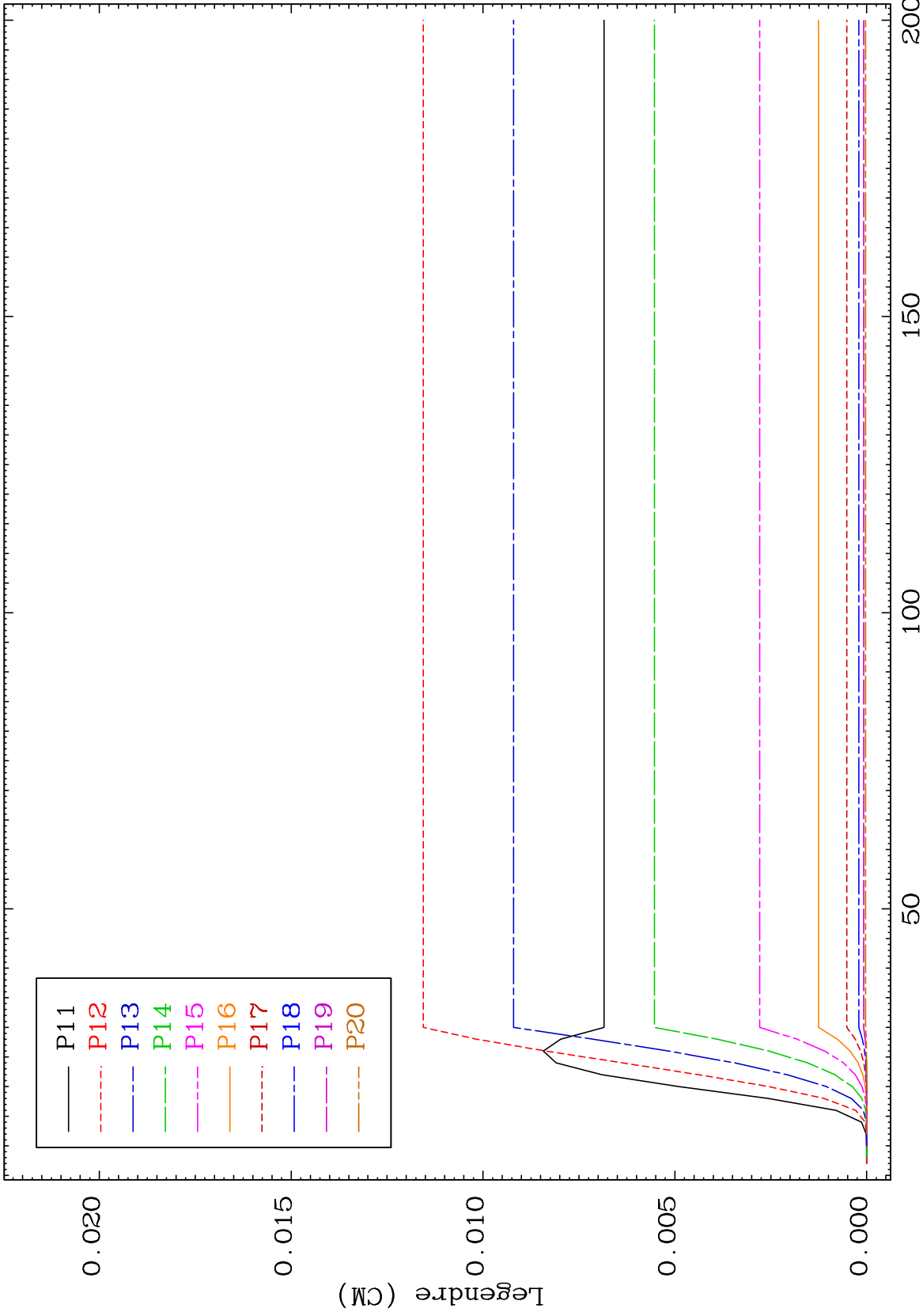
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



91

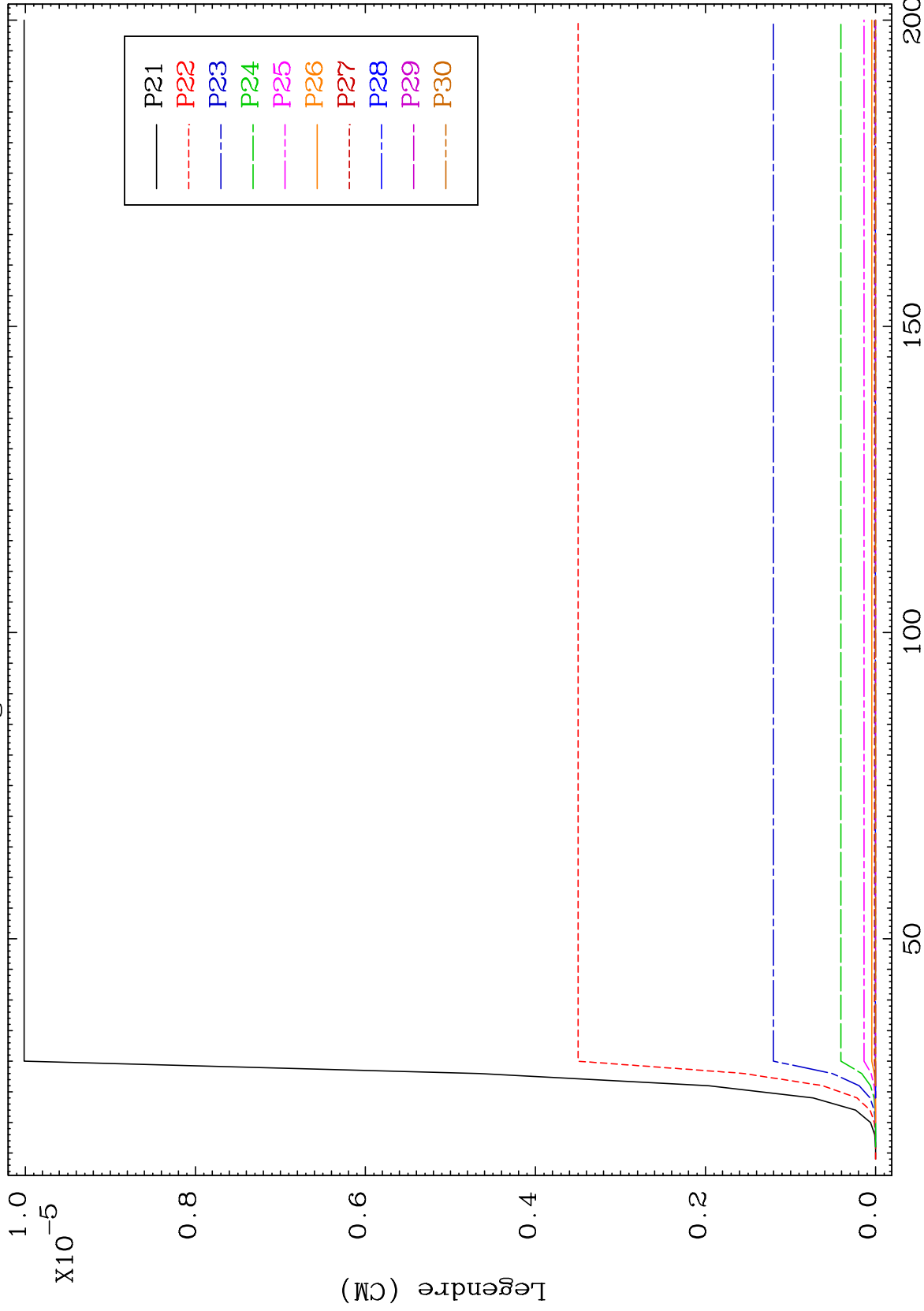
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

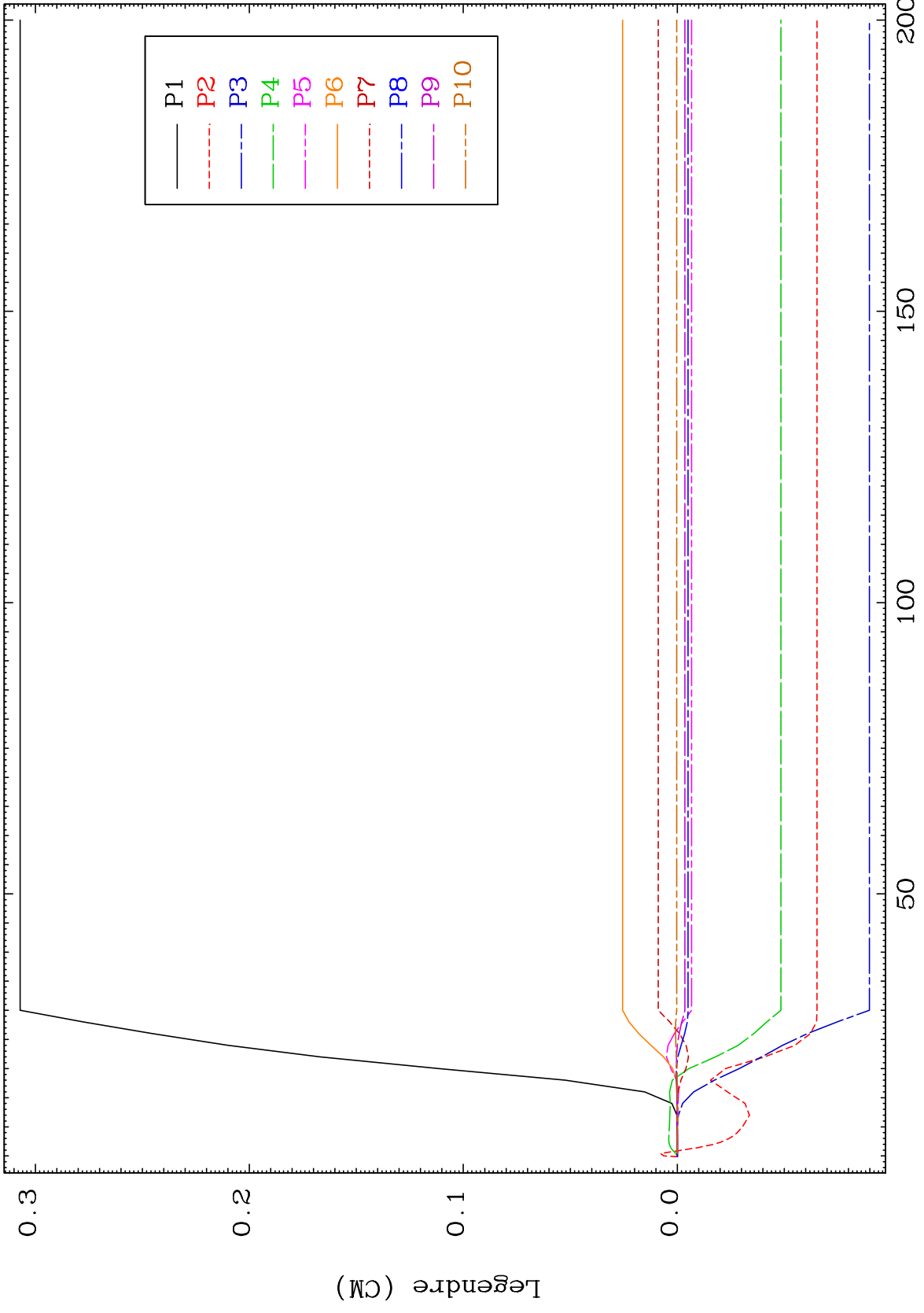
18-Ar-37



92

Incident Energy (MeV)

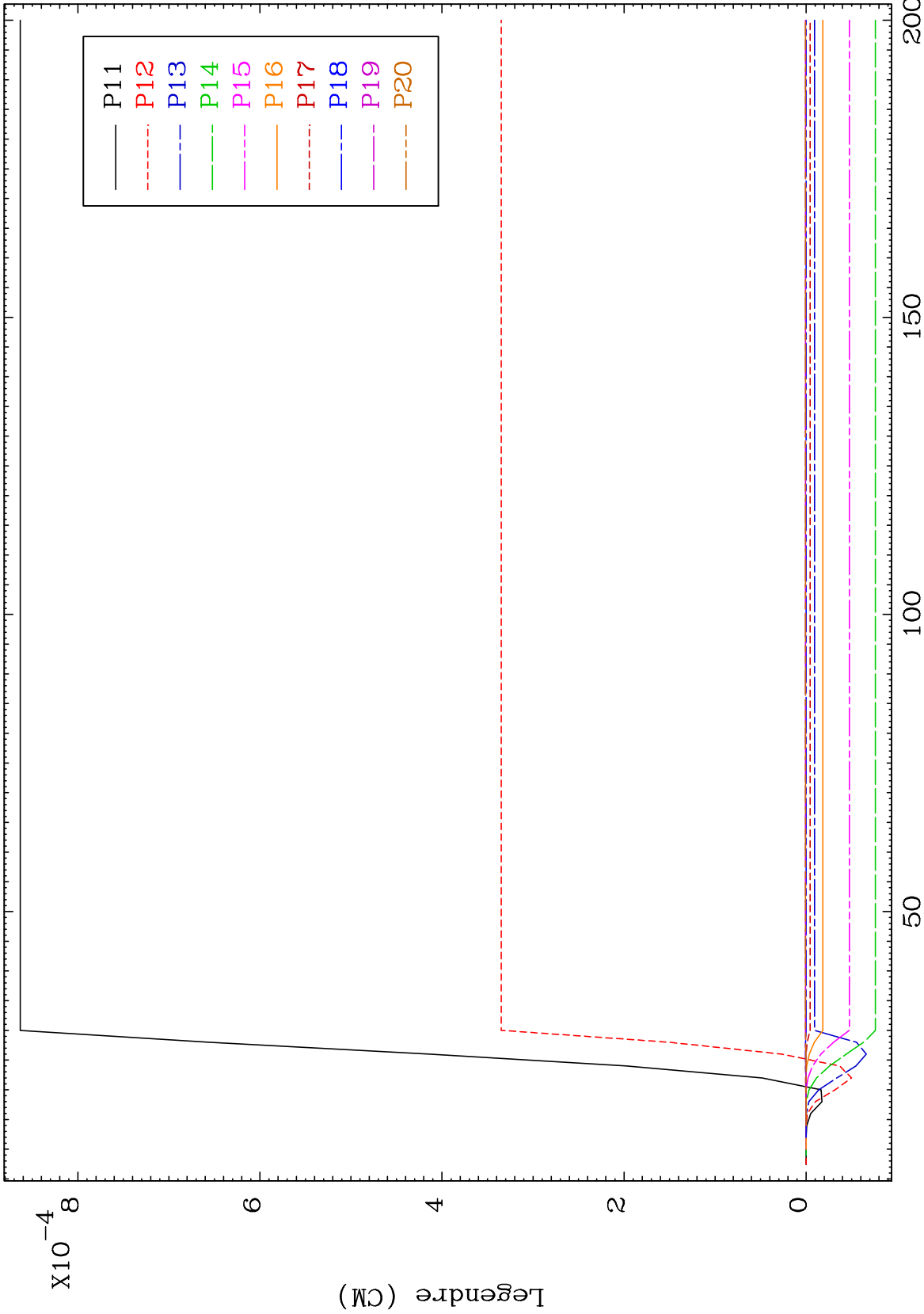
18-Ar-37



MAT 1828

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

18-Ar-37



94

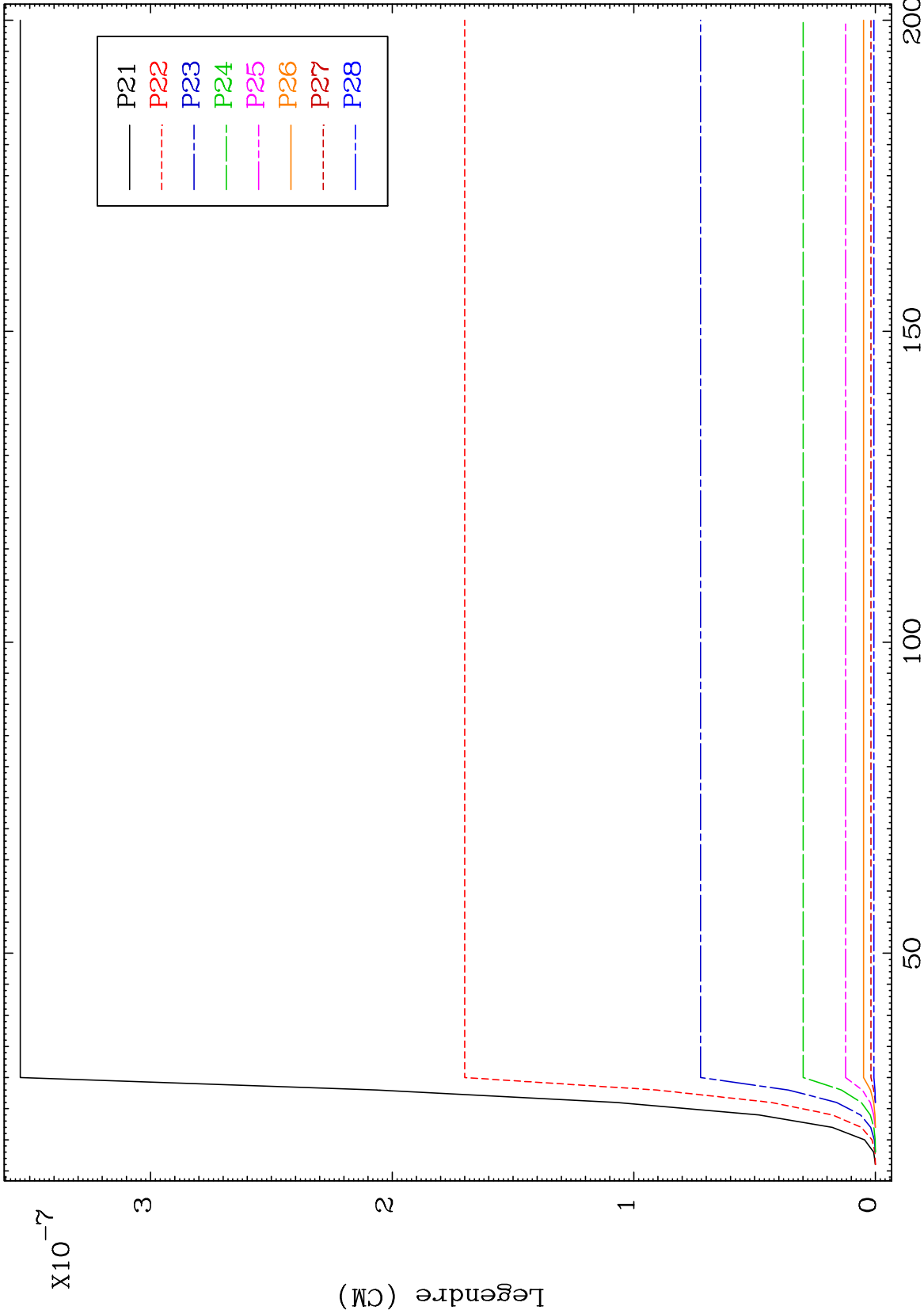
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37

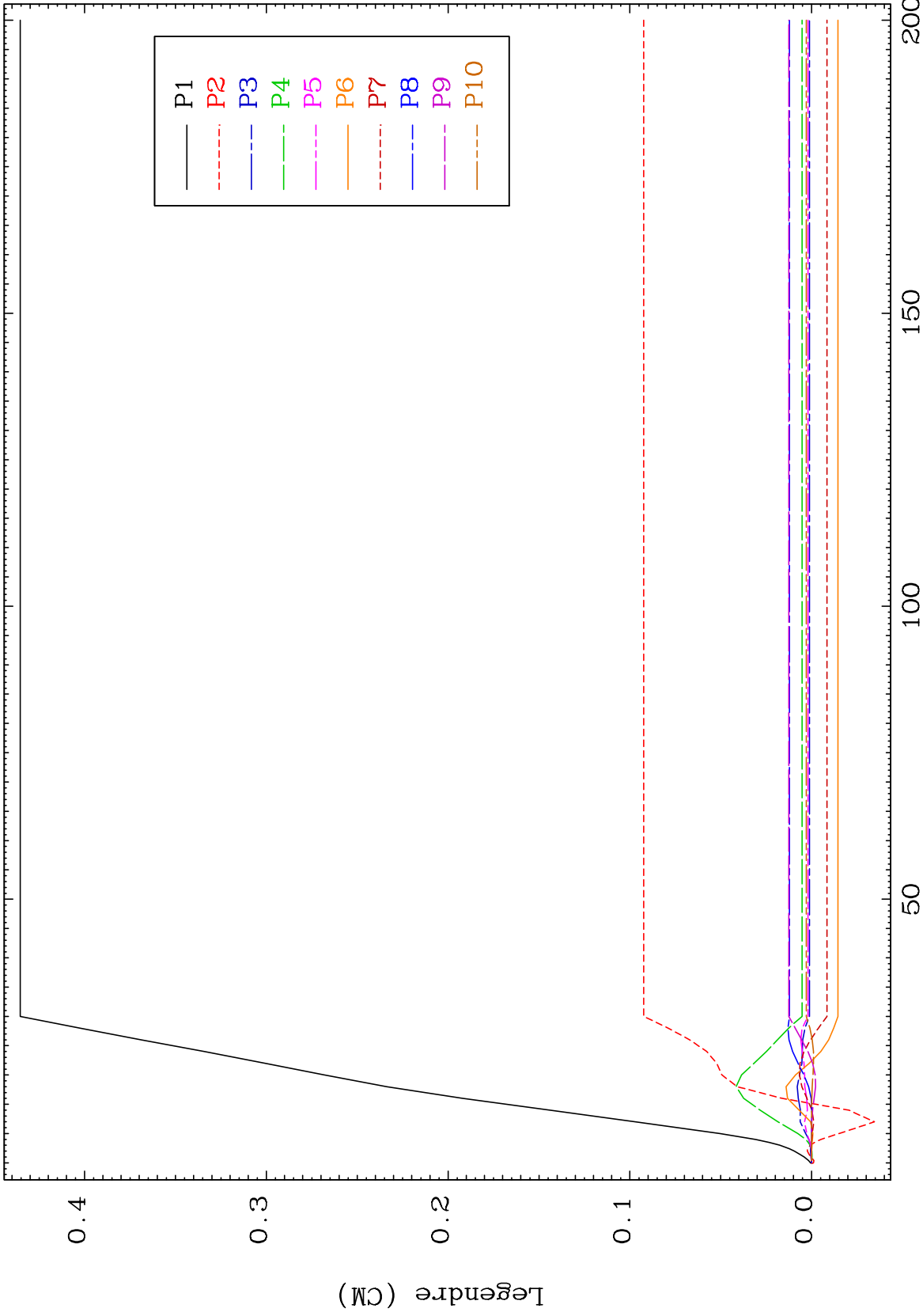


95

Incident Energy (MeV)

18-Ar-37

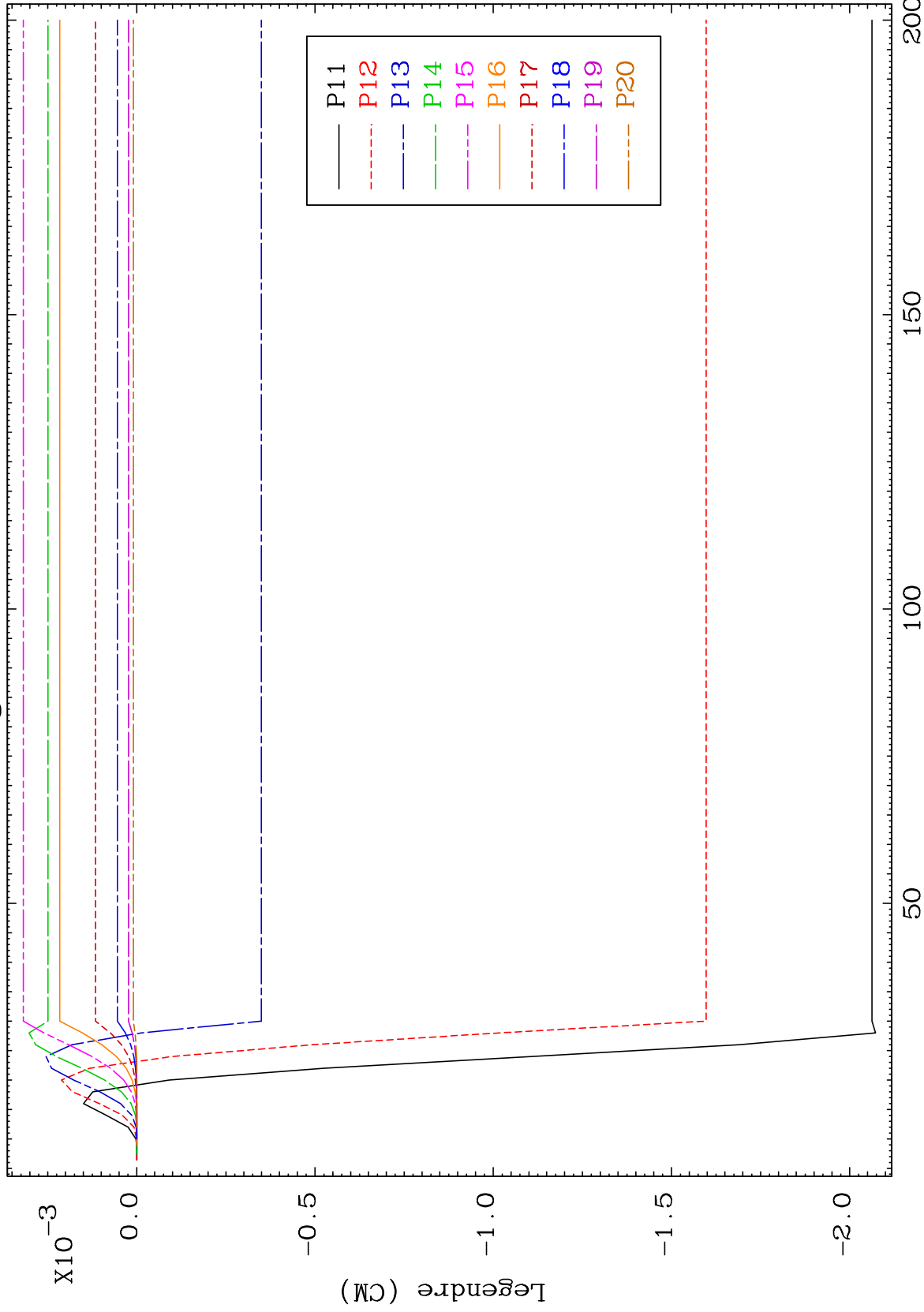




MAT 1828

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

18-Ar-37



97

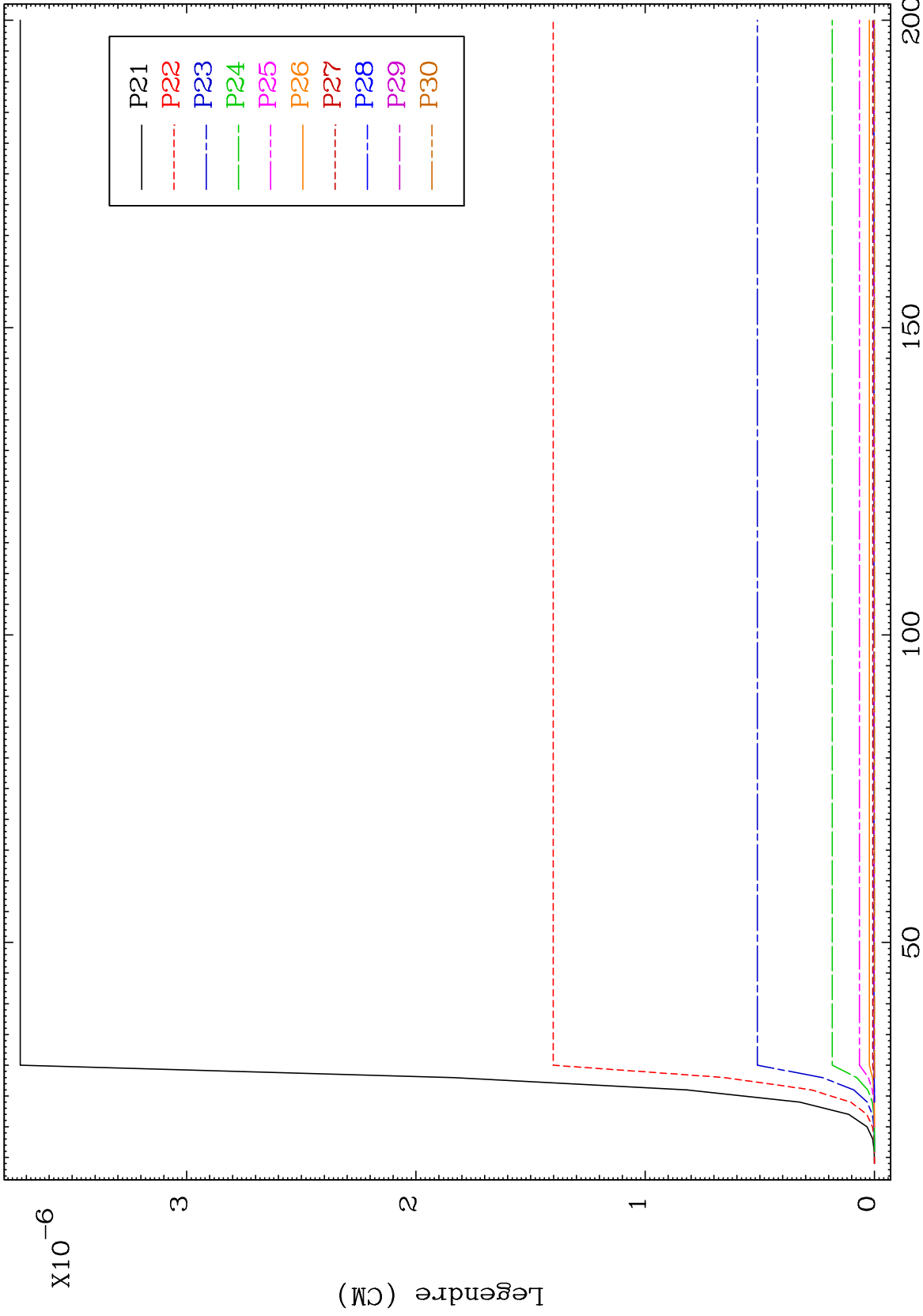
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



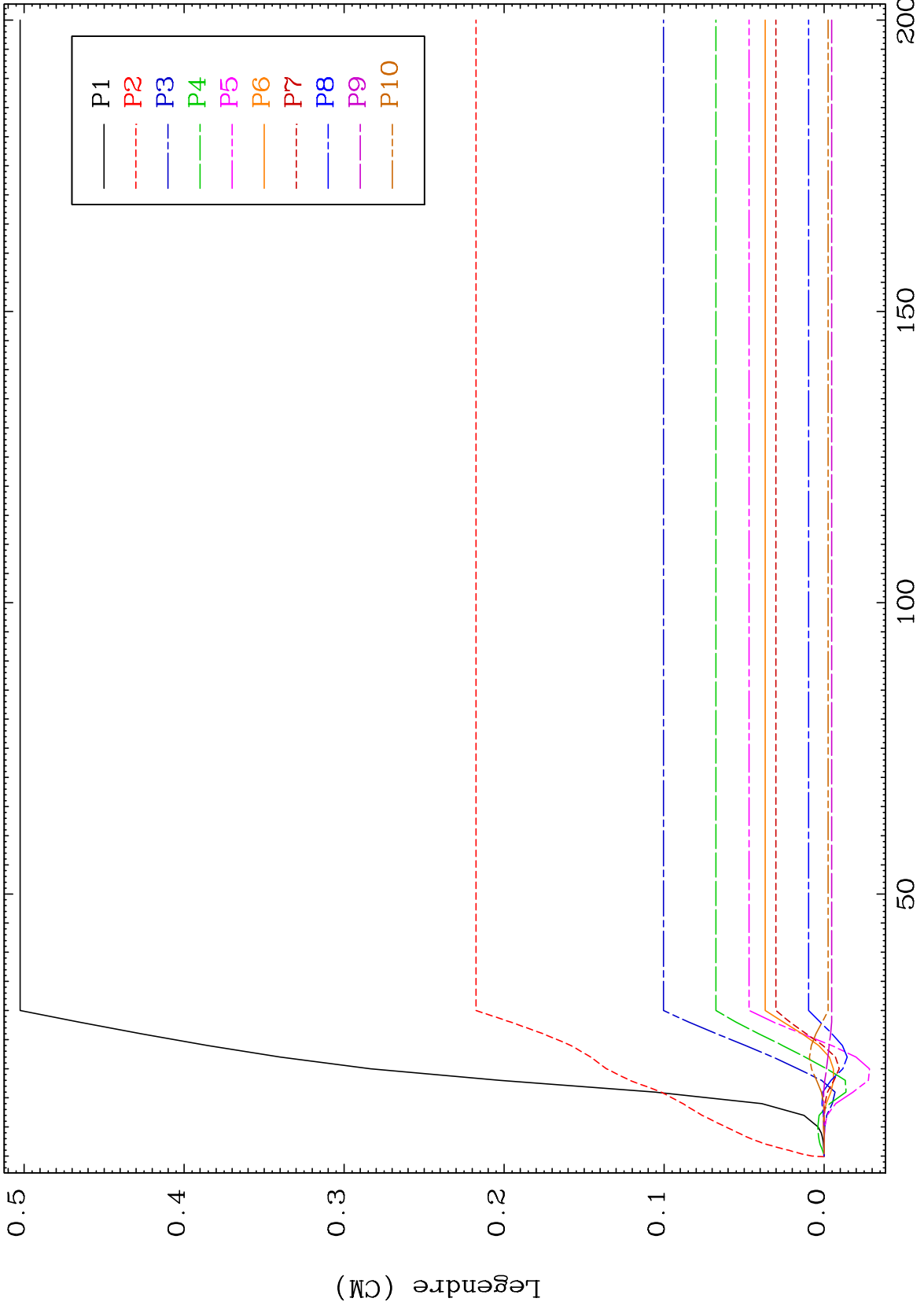
98

18-Ar-37

MAT 1828

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

18-Ar-37



99

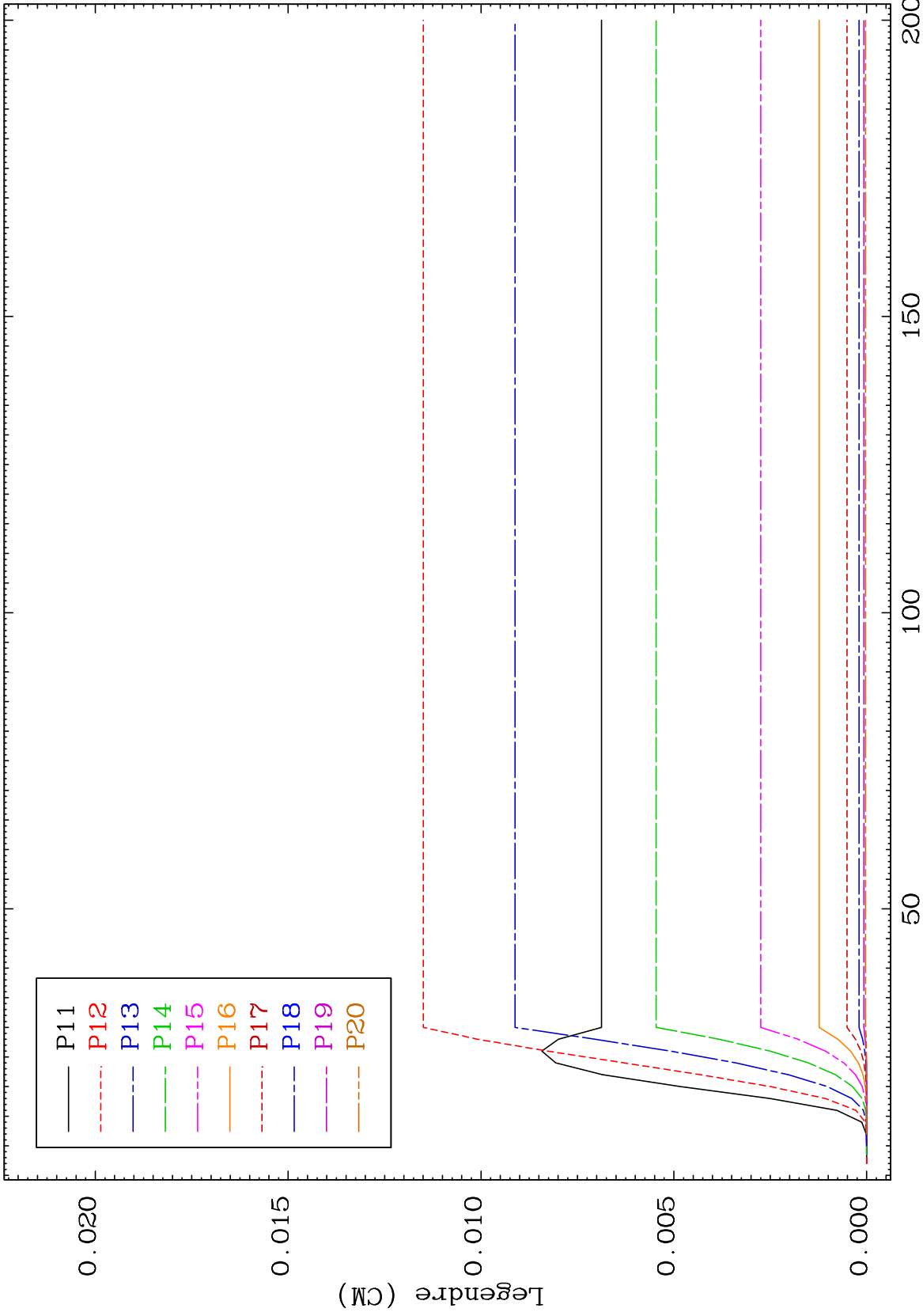
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



18-Ar-37

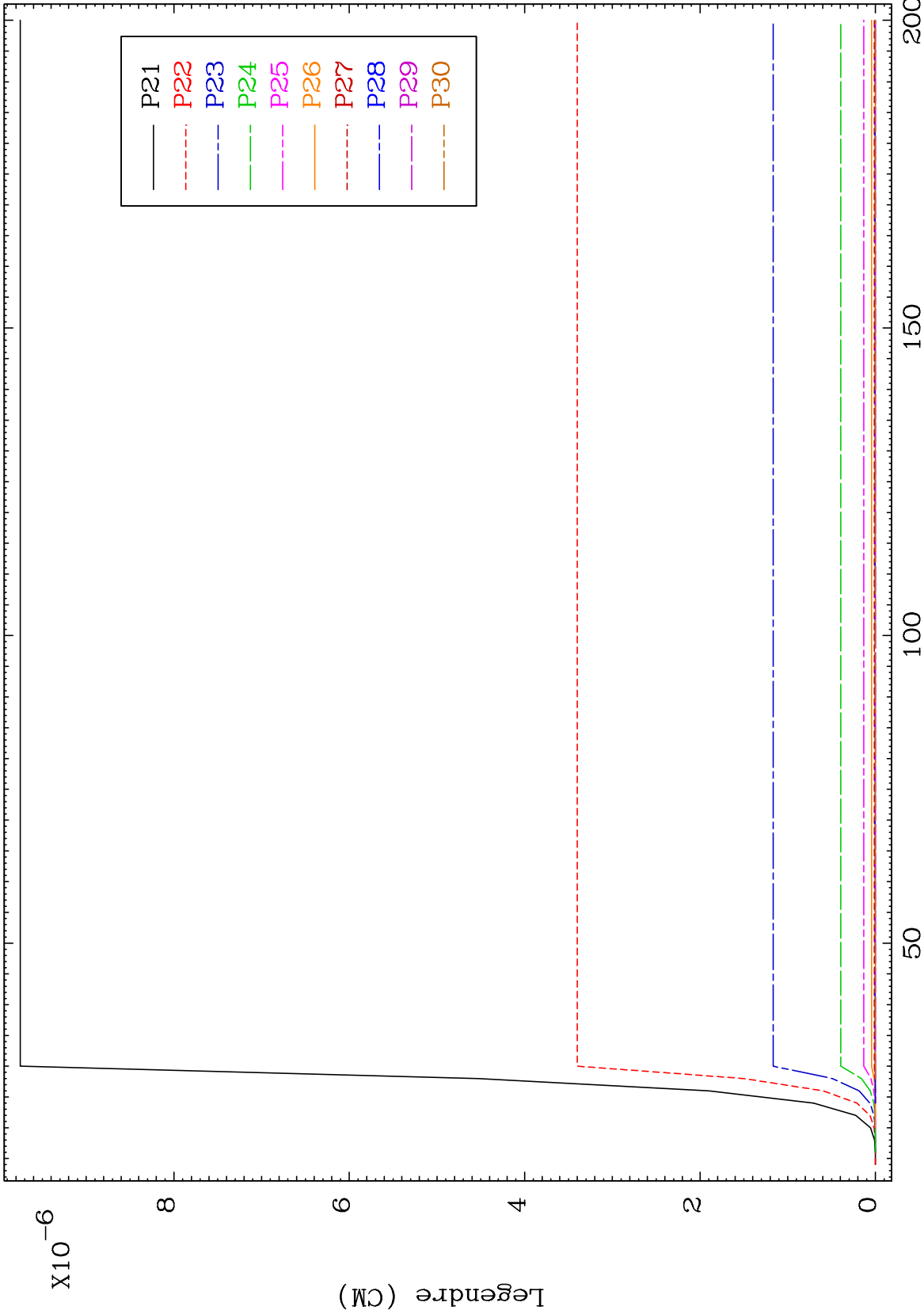
Incident Energy (MeV)

Legendre (CM)

MAT 1828

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

18-Ar-37



101

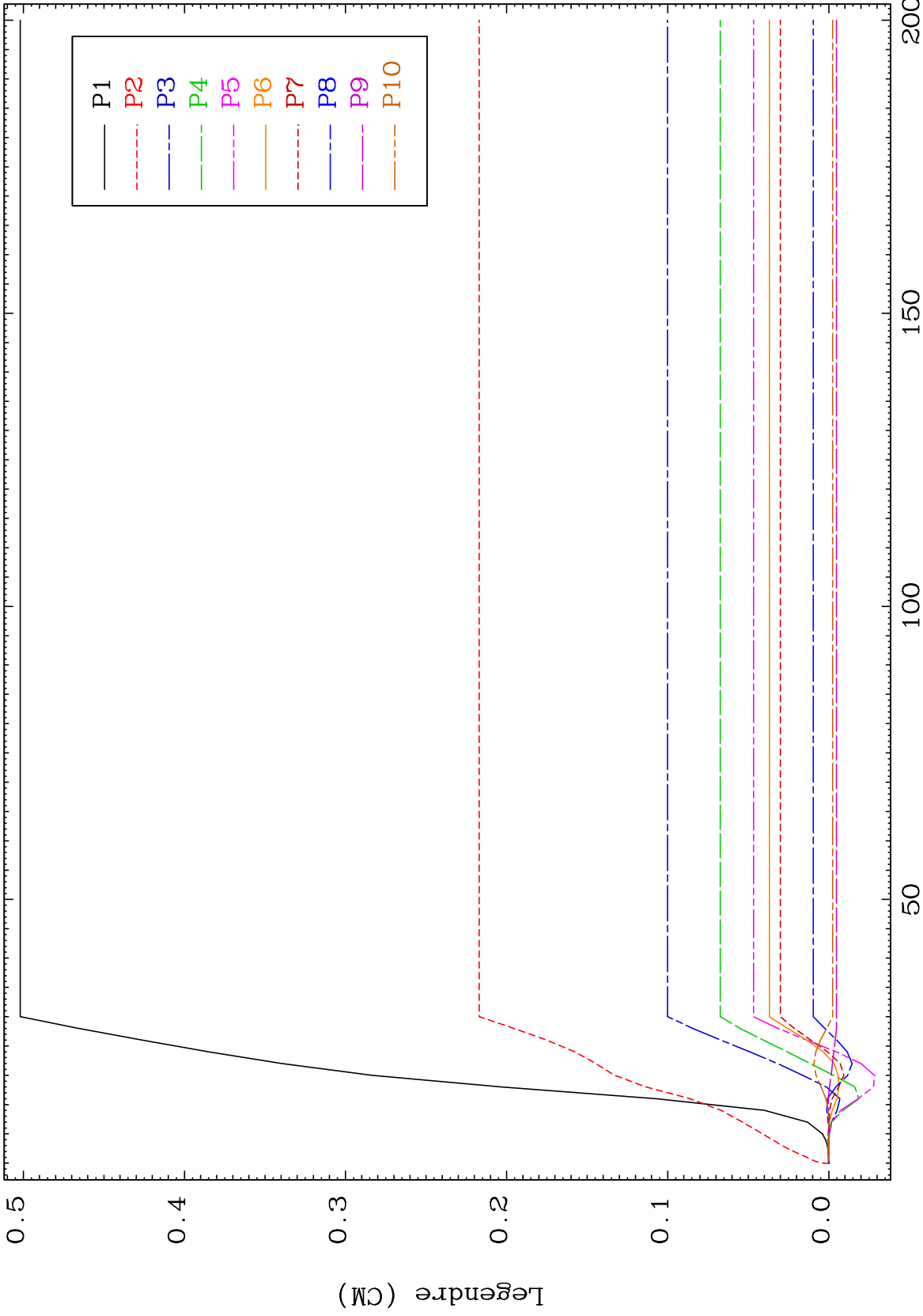
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



102

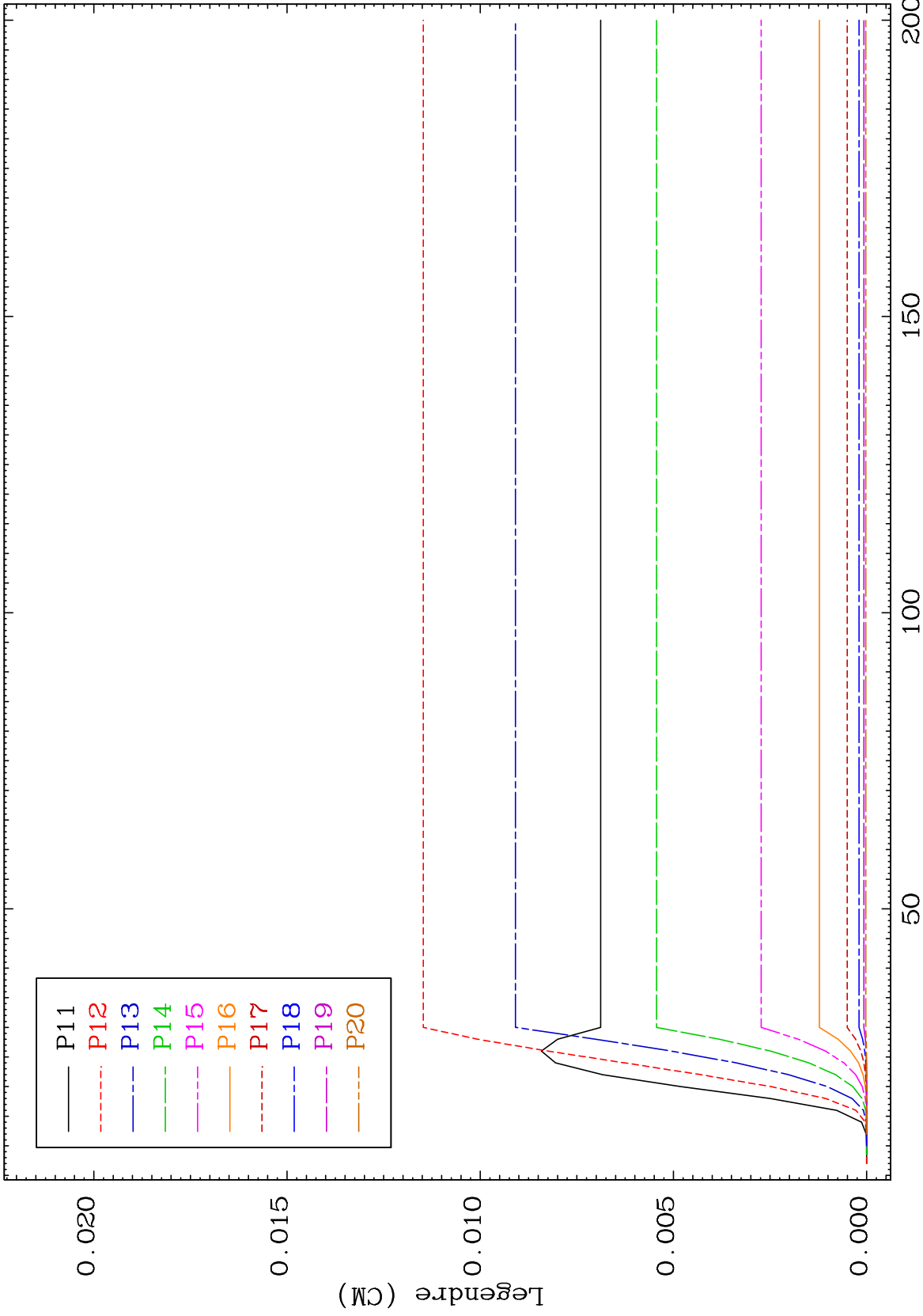
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



103

Incident Energy (MeV)

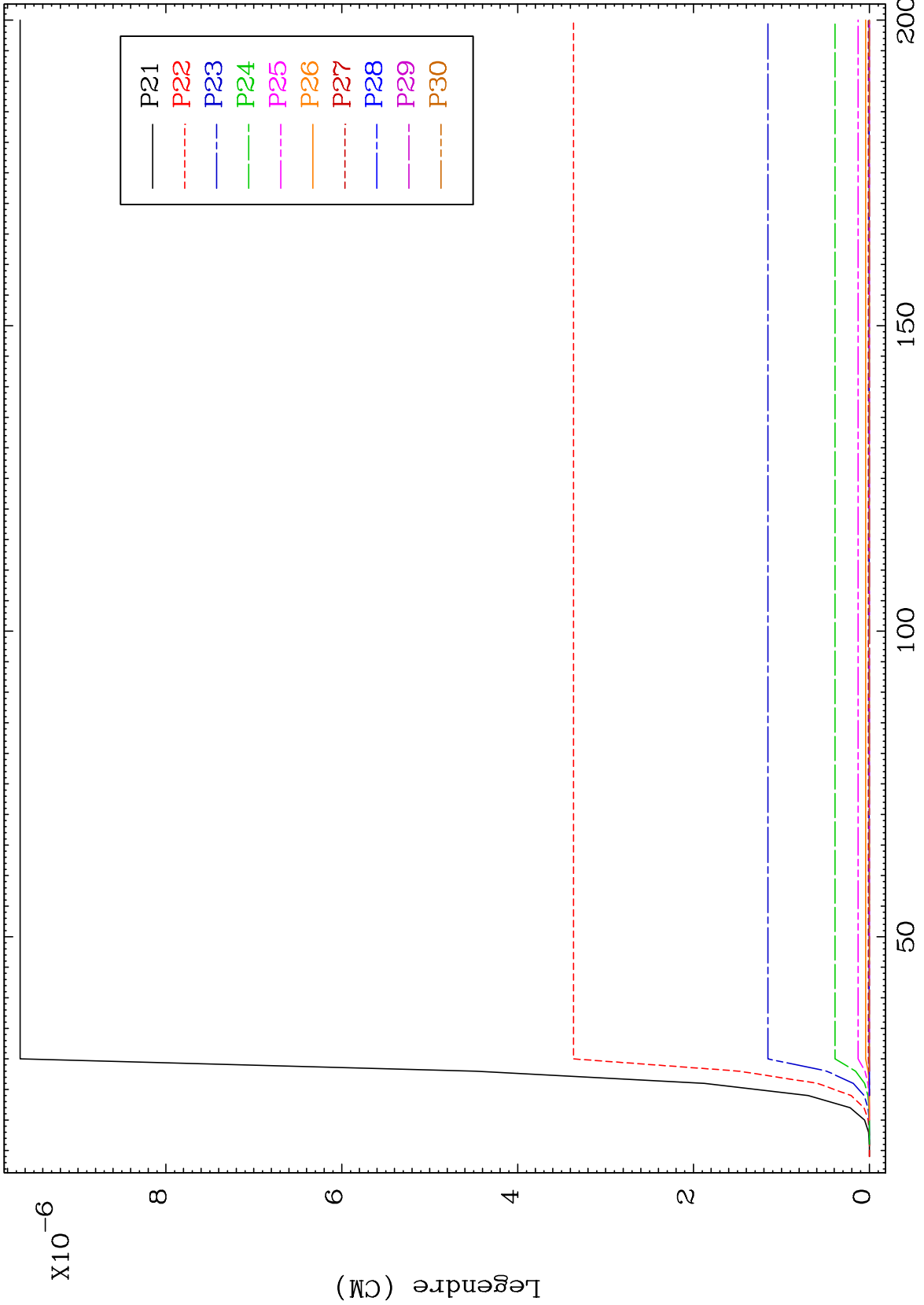
18-Ar-37



MAT 1828

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

18-Ar-37



104

Incident Energy (MeV)

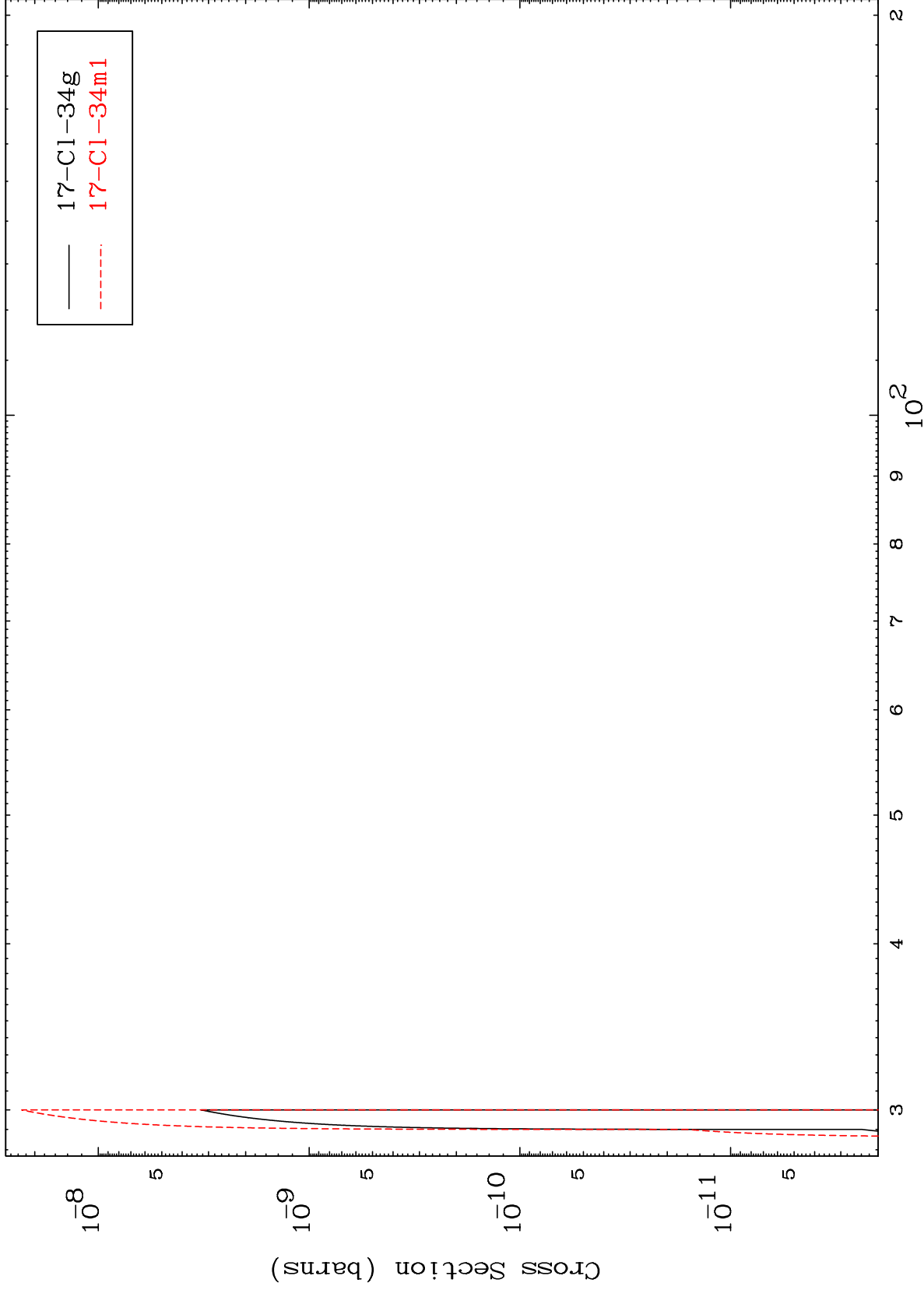
18-Ar-37

MAT 1828

(n,2n) d

18-Ar-37

Radionuclide Production Cross Section



105

Incident Energy (MeV)

18-Ar-37

Radionuclide Production Cross Section

