

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

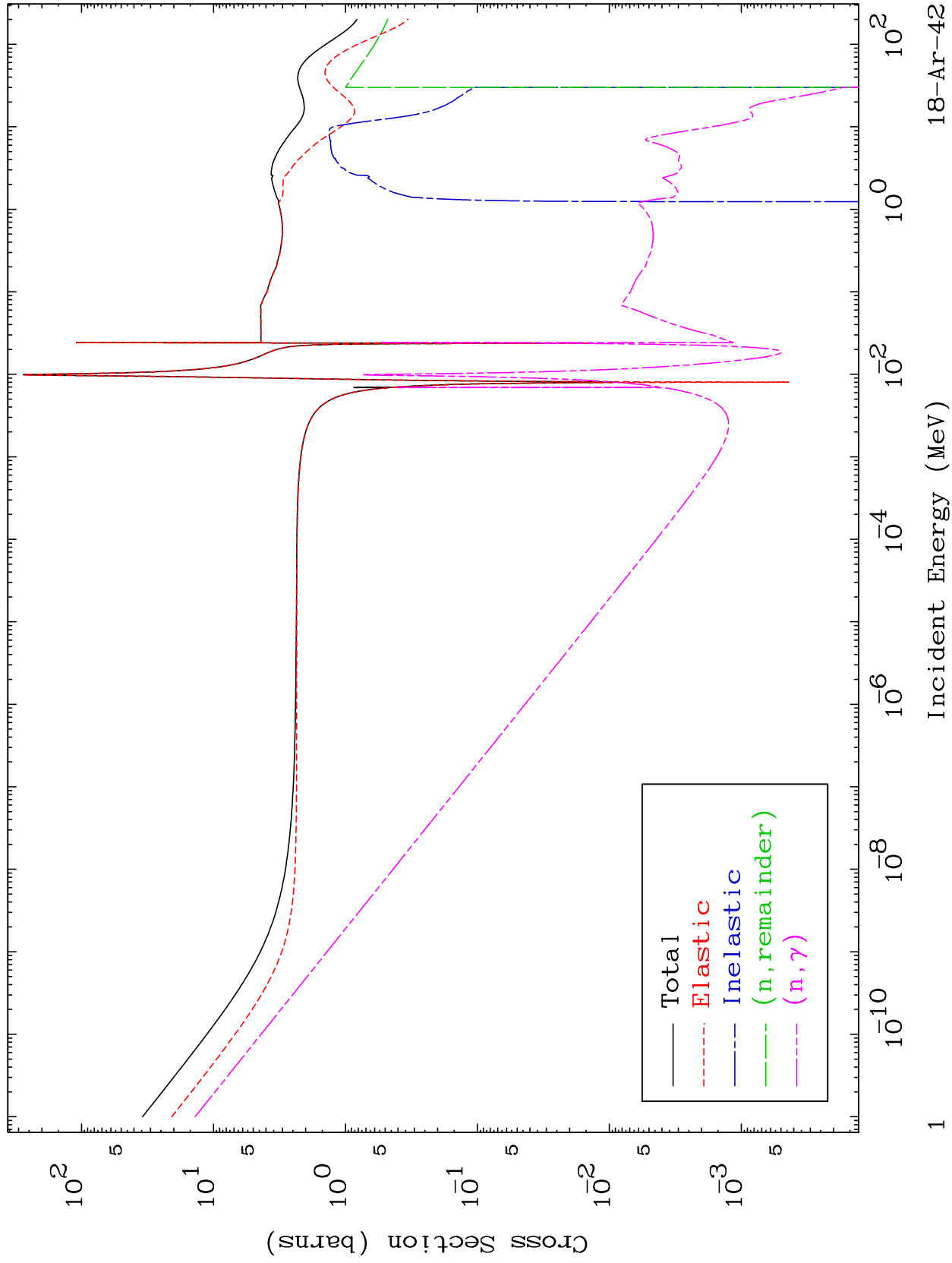
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1843

Major  
293 Kelvin Cross Sections

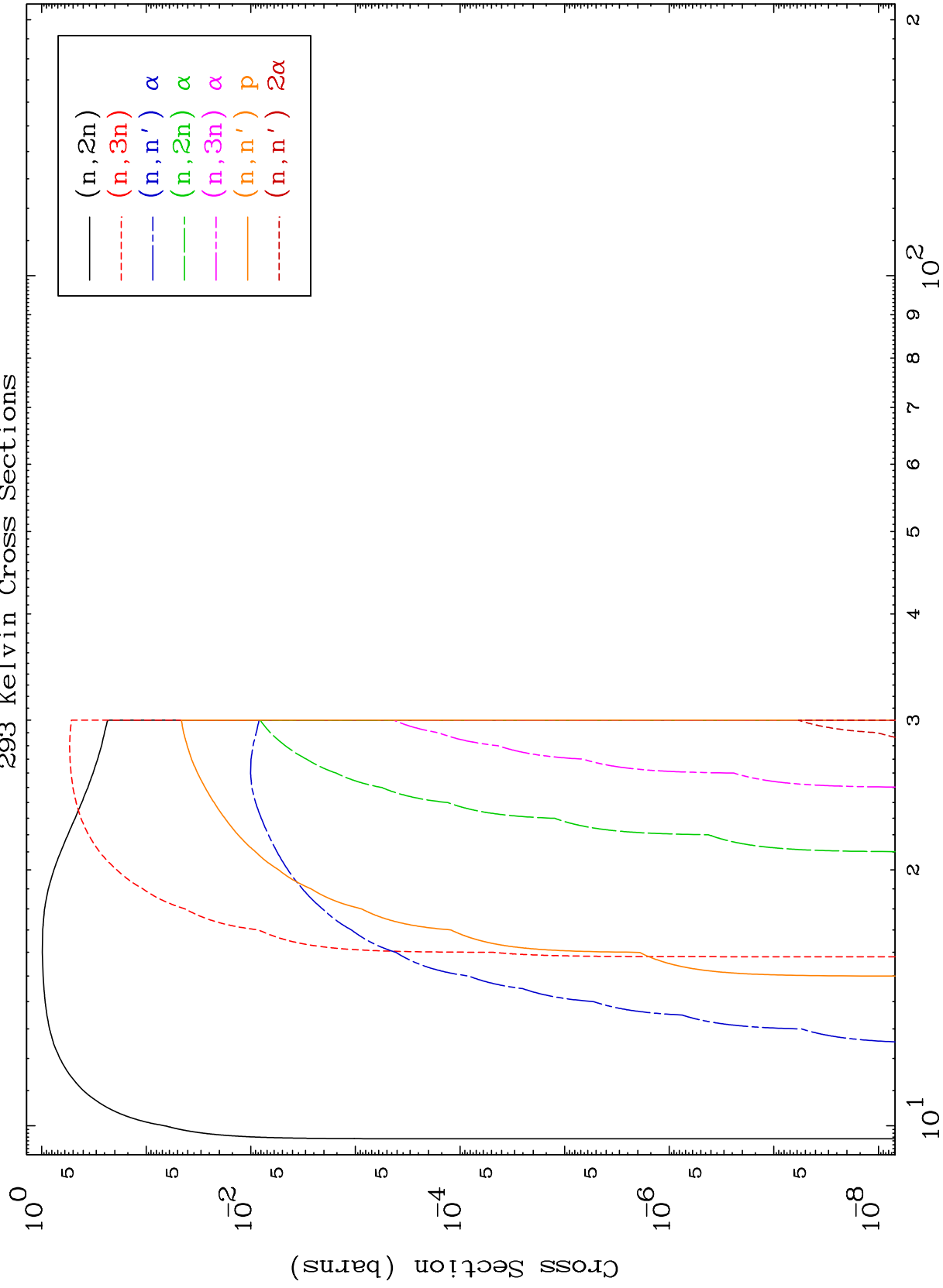
18-Ar-42



MAT 1843

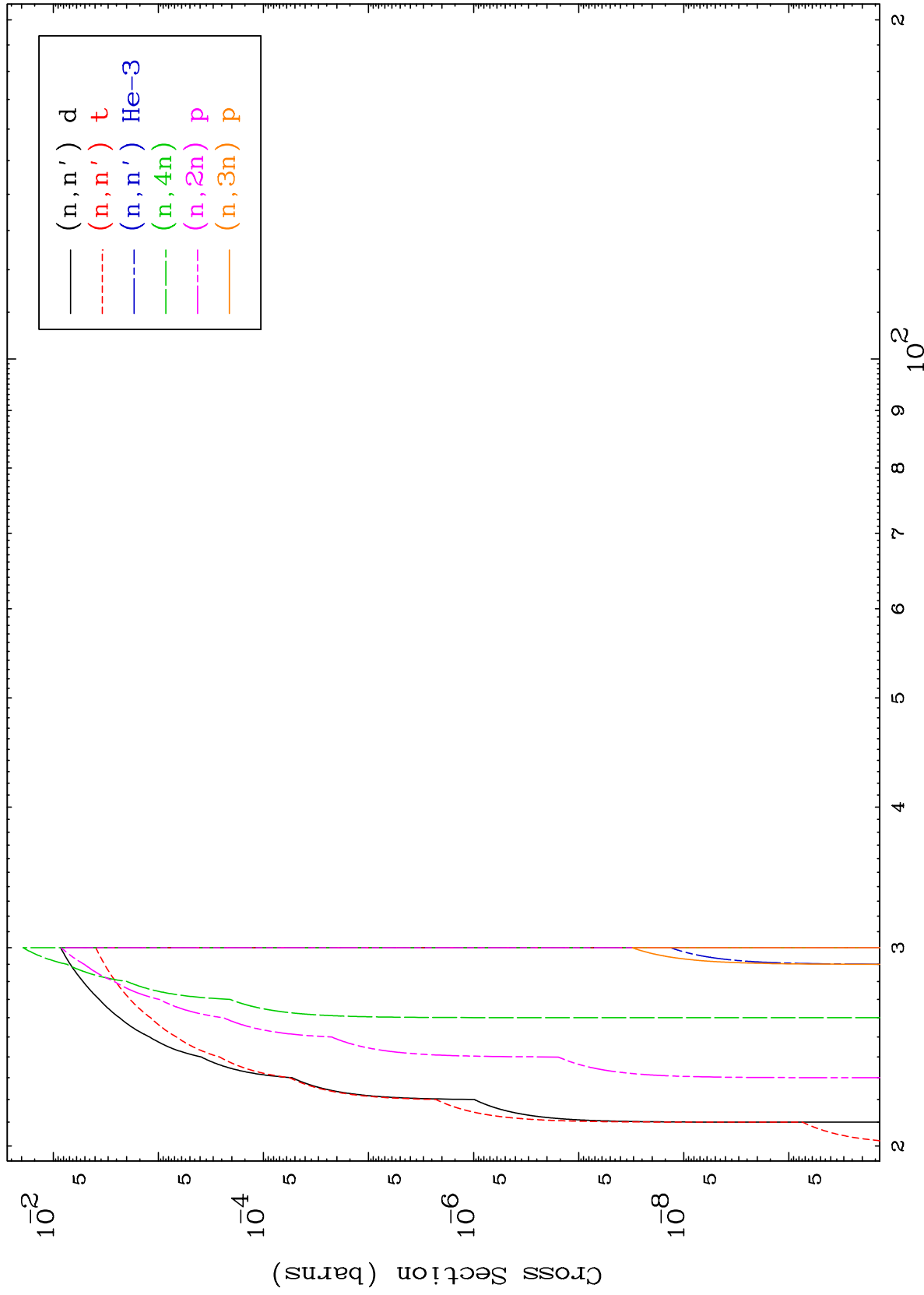
Neutron Production  
293 Kelvin Cross Sections

18-Ar-42



Incident Energy (MeV)

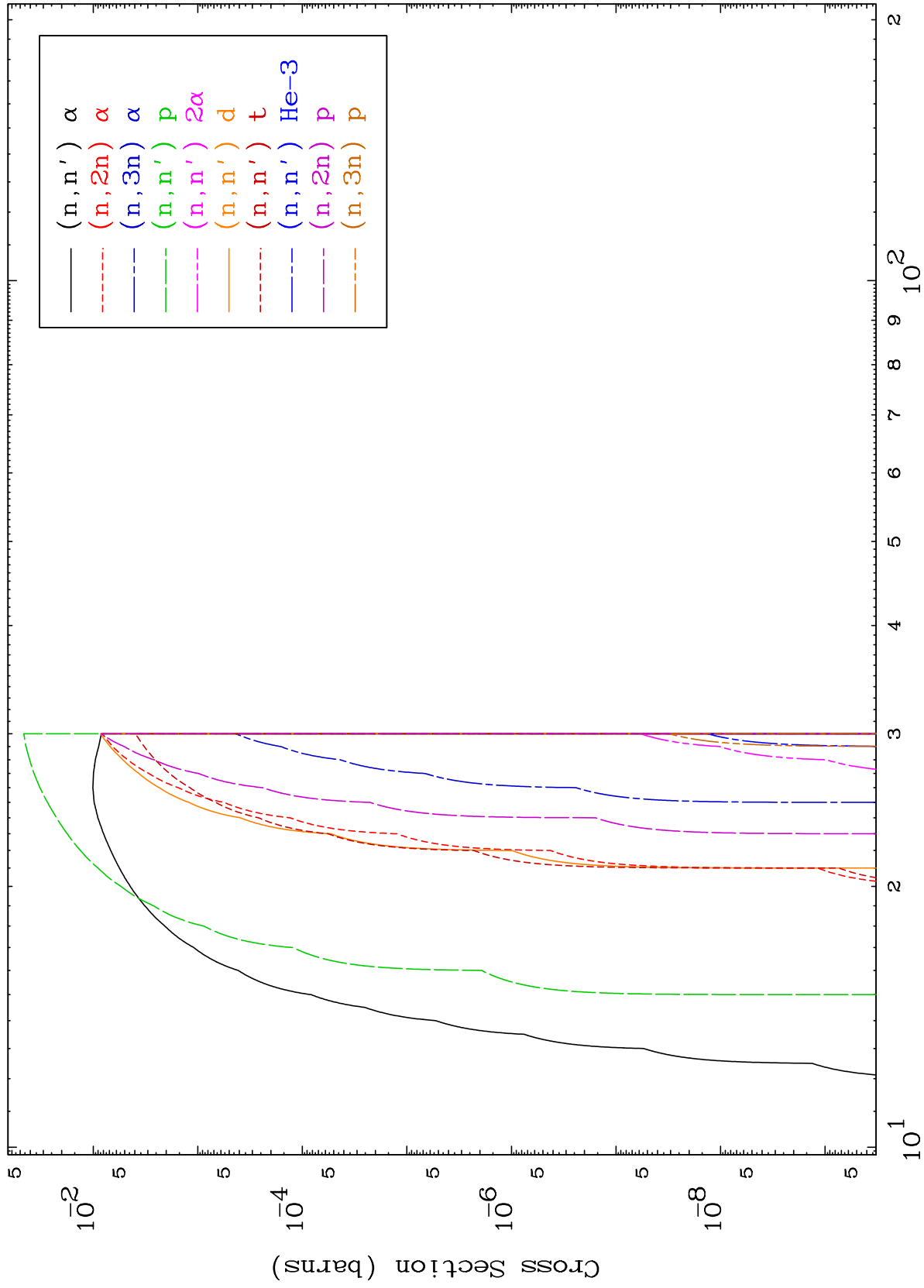
18-Ar-42



MAT 1843

Charged Particle  
293 Kelvin Cross Sections

18-Ar-42



4

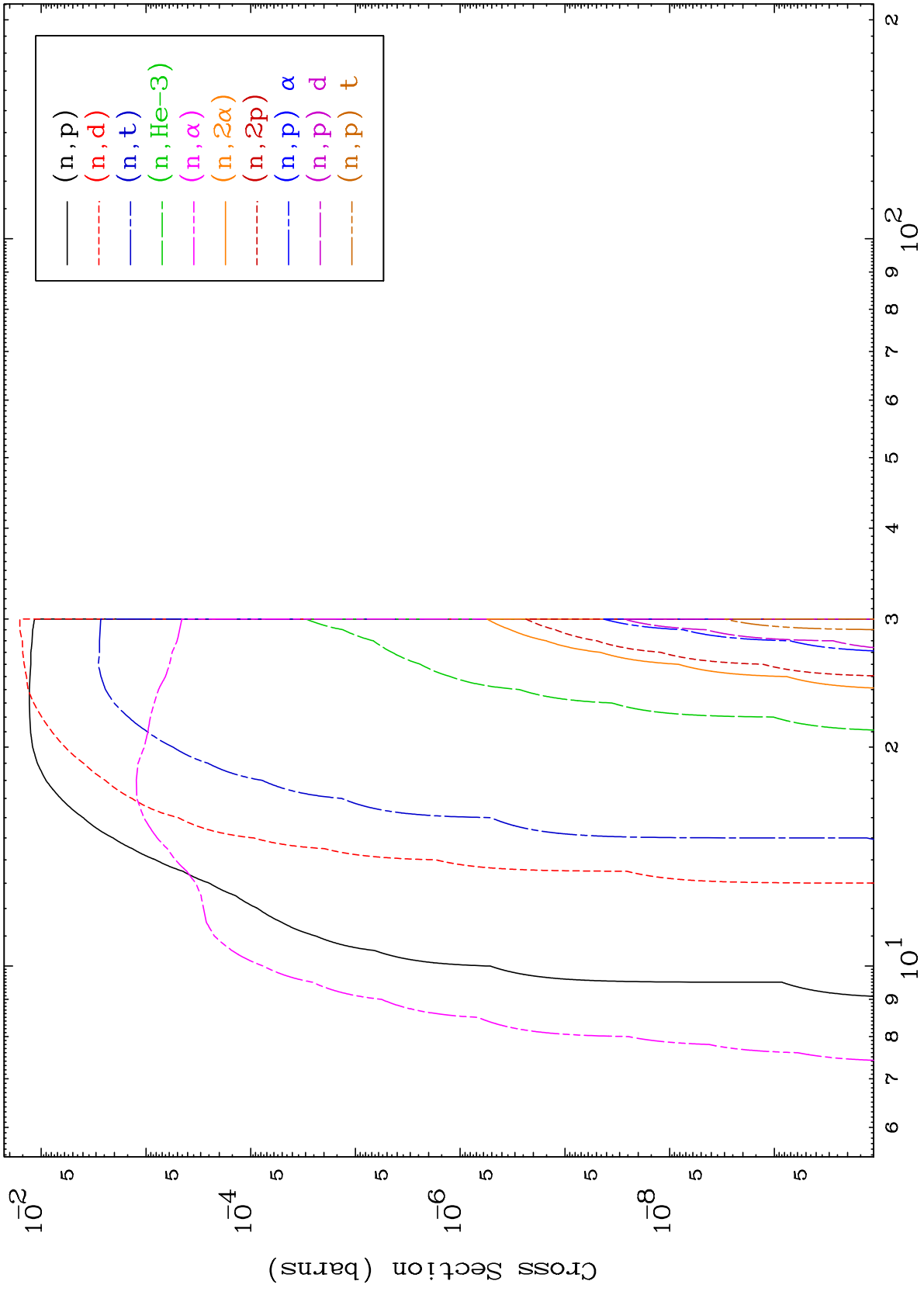
Incident Energy (MeV)

18-Ar-42

MAT 1843

Charged Particle  
293 Kelvin Cross Sections

18-Ar-42



5

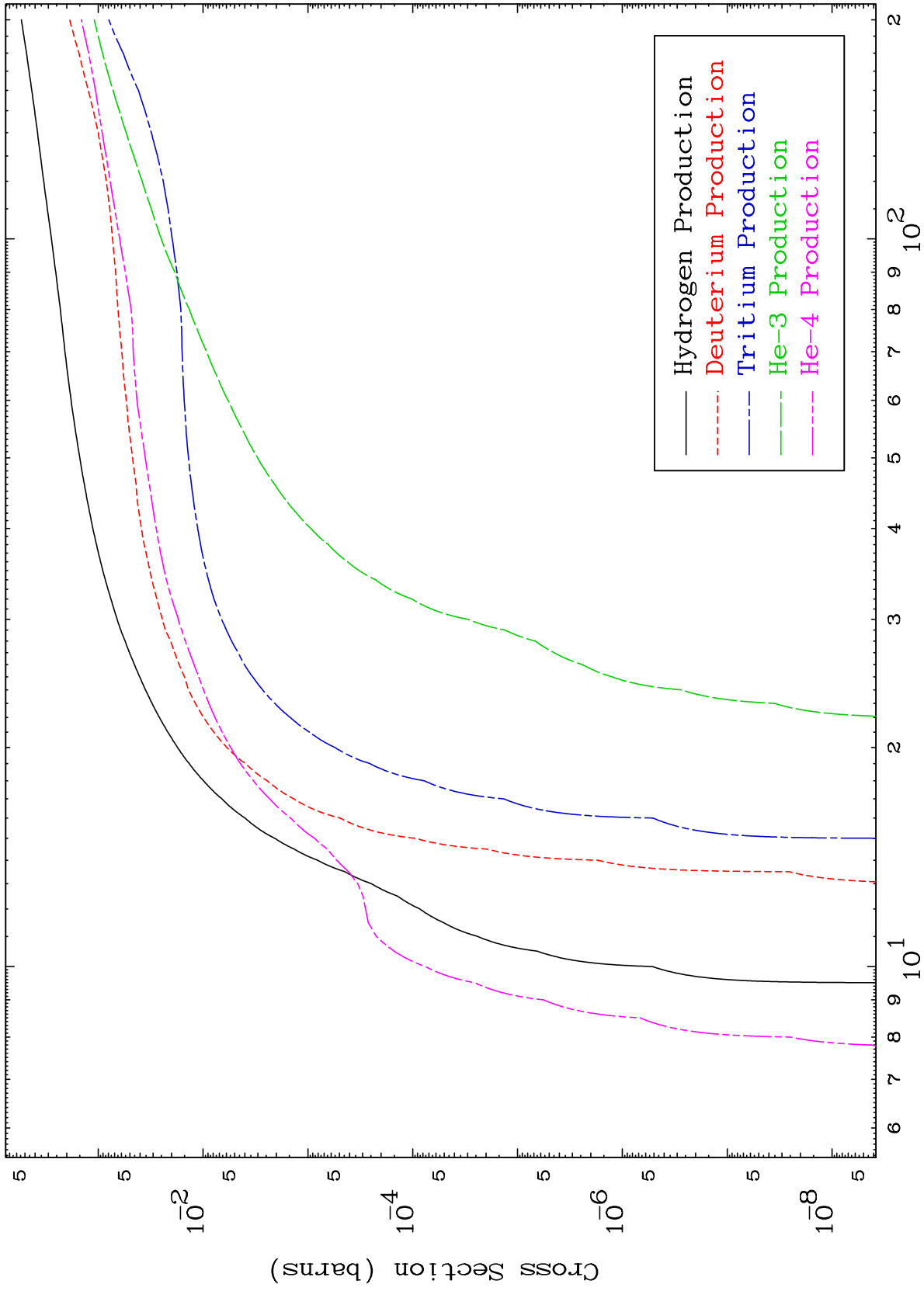
Incident Energy (MeV)

18-Ar-42

MAT 1843

Particle Production  
293 Kelvin Cross Sections

18-Ar-42



6

Incident Energy (MeV)

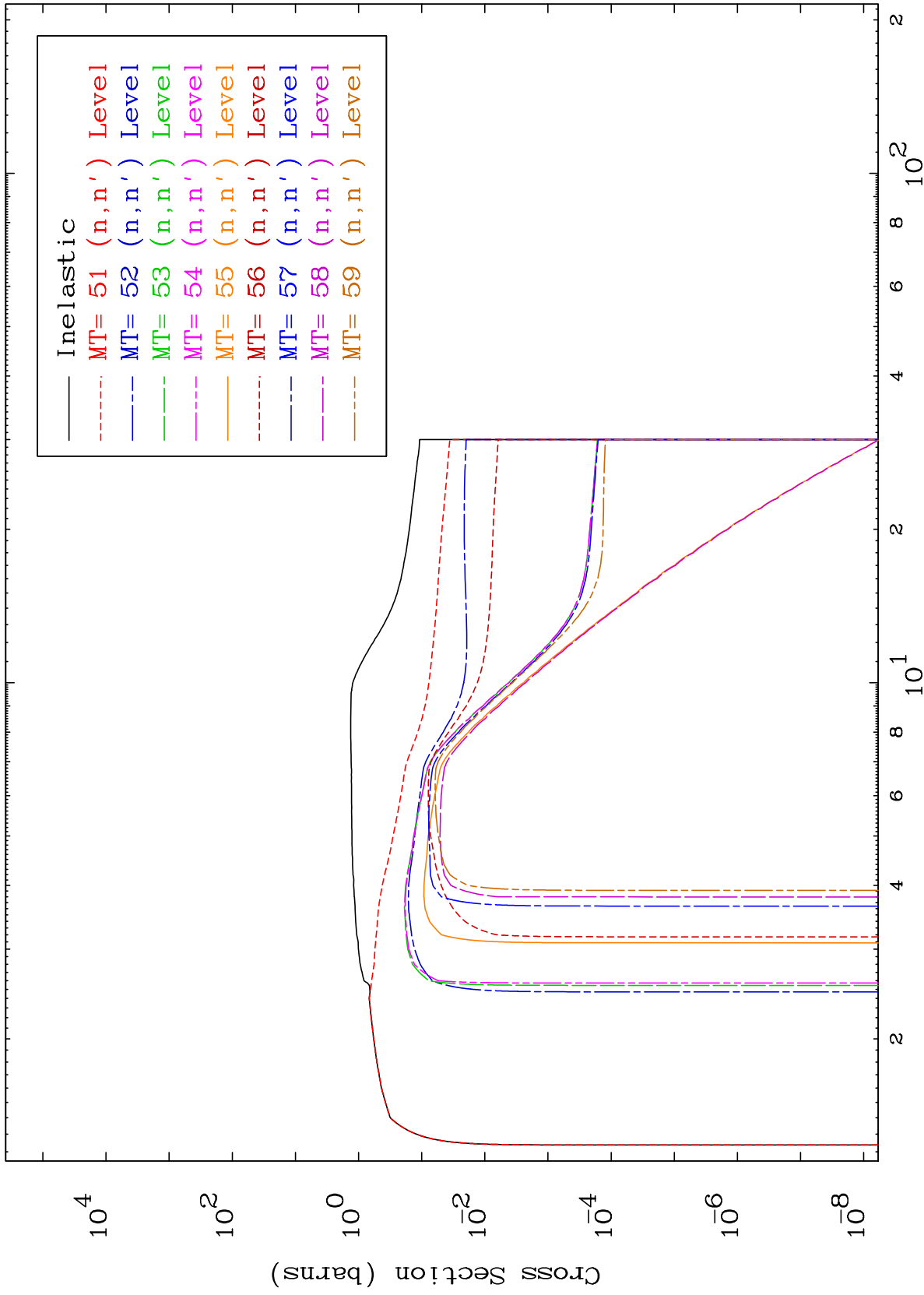
18-Ar-42

MAT 1843

(n,n') Level

18-Ar-42

293 Kelvin Cross Sections



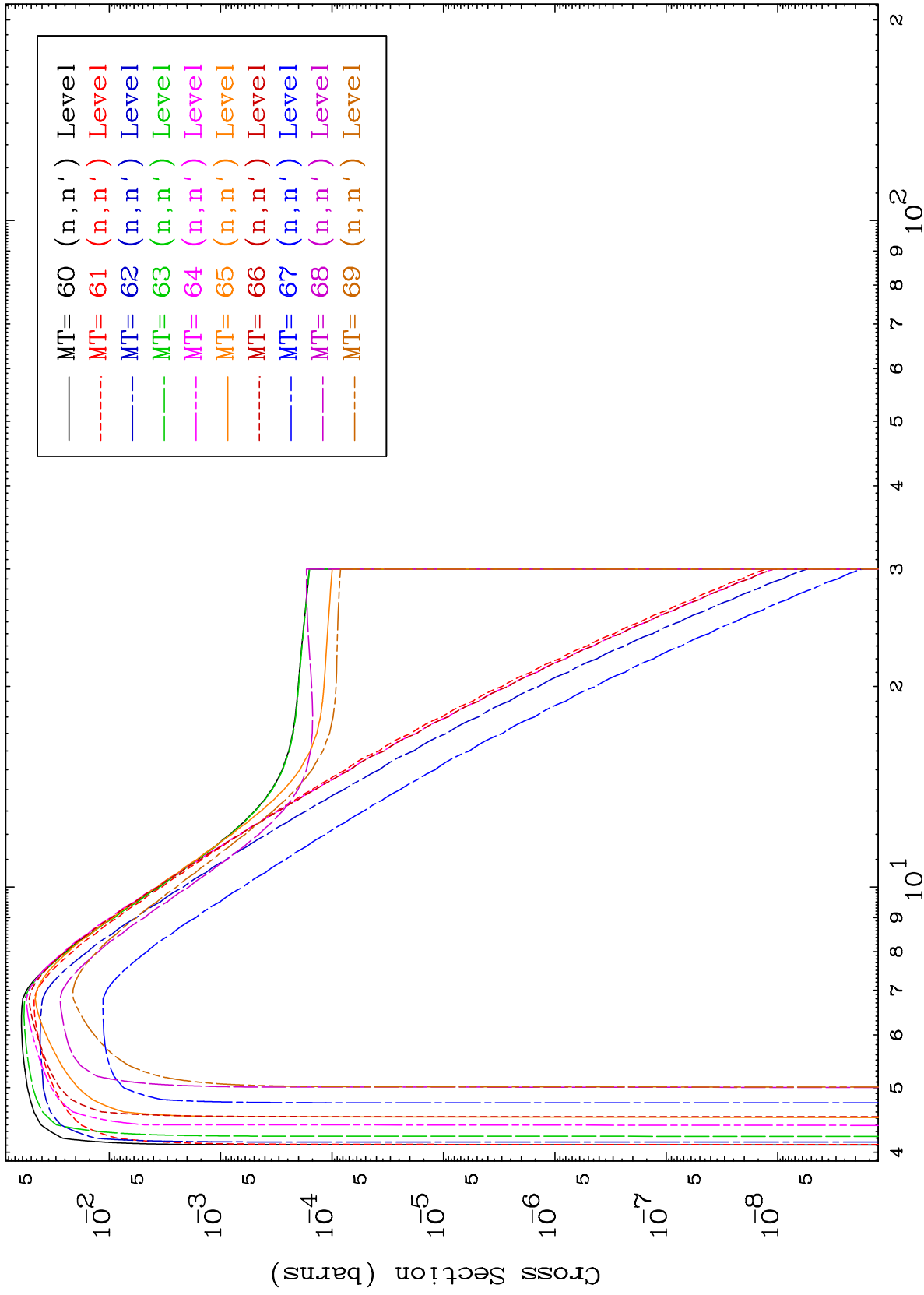


MAT 1843

(n,n') Level

18-Ar-42

293 Kelvin Cross Sections



8

Incident Energy (MeV)

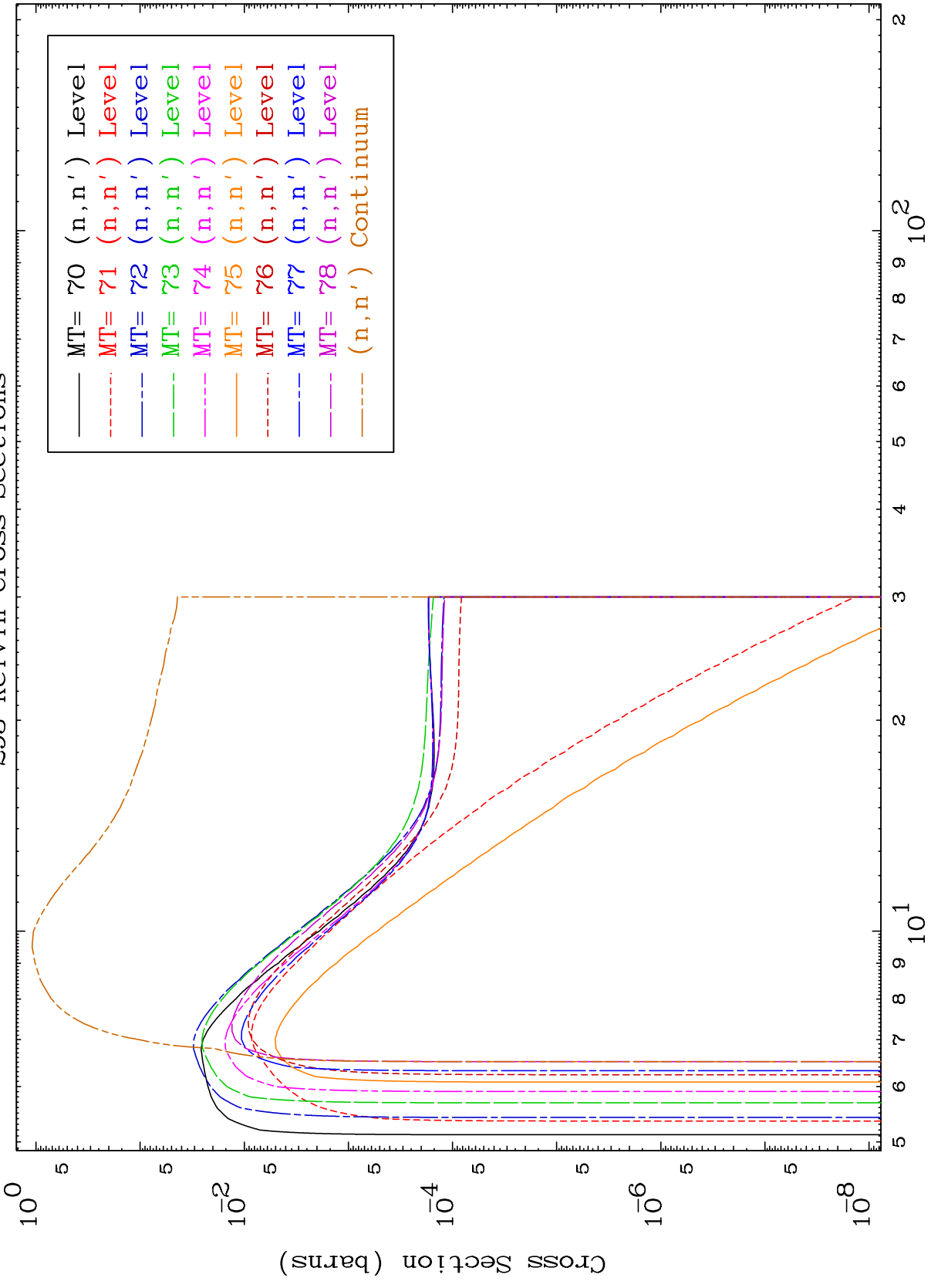
18-Ar-42

MAT 1843

(n,n') Level

18-Ar-42

293 Kelvin Cross Sections



9

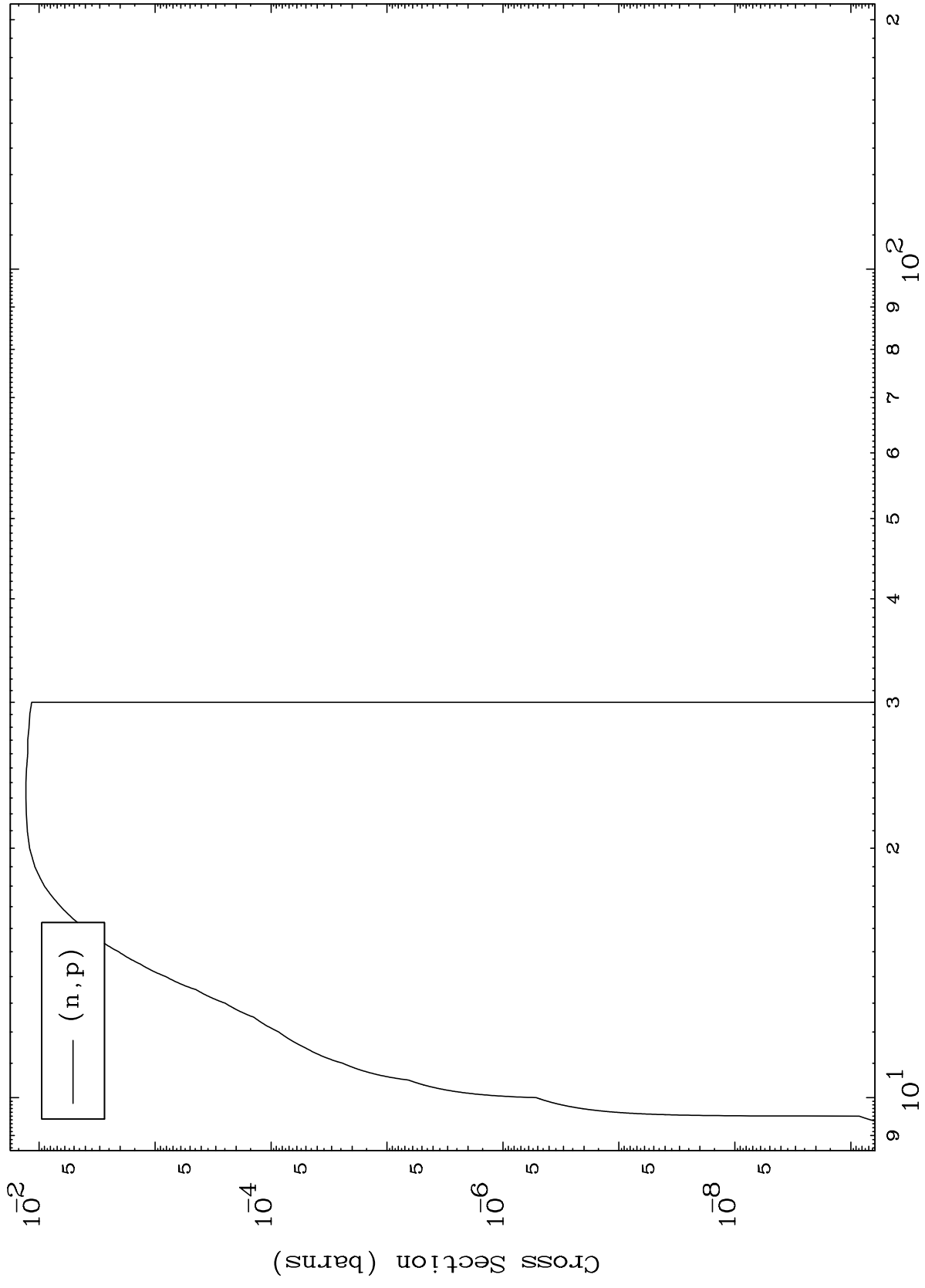
Incident Energy (MeV)

18-Ar-42

MAT 1843

(n,p) Levels  
293 Kelvin Cross Sections

18-Ar-42



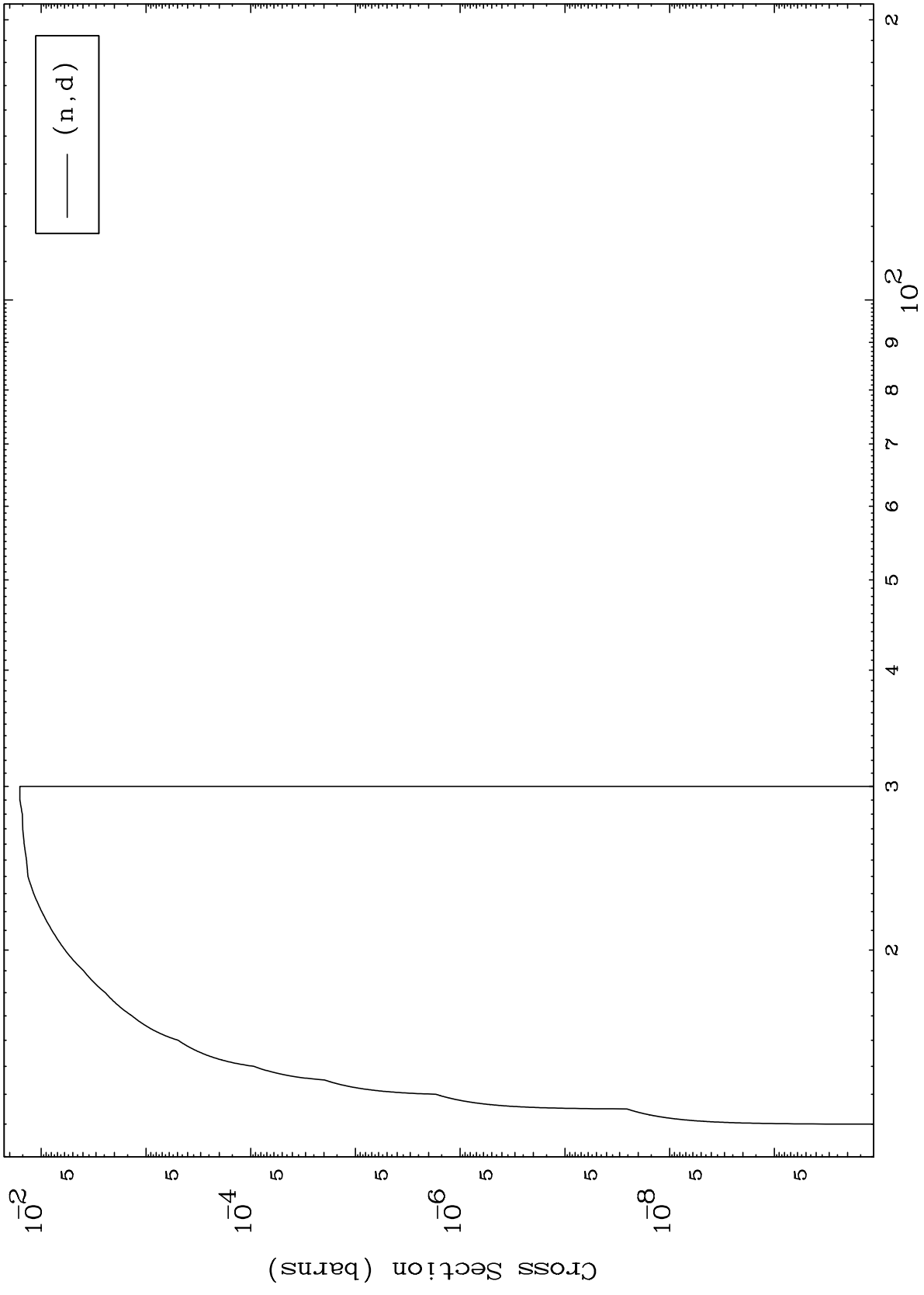
Incident Energy (MeV)

18-Ar-42

MAT 1843

(n,d) Levels  
293 Kelvin Cross Sections

18-Ar-42



11

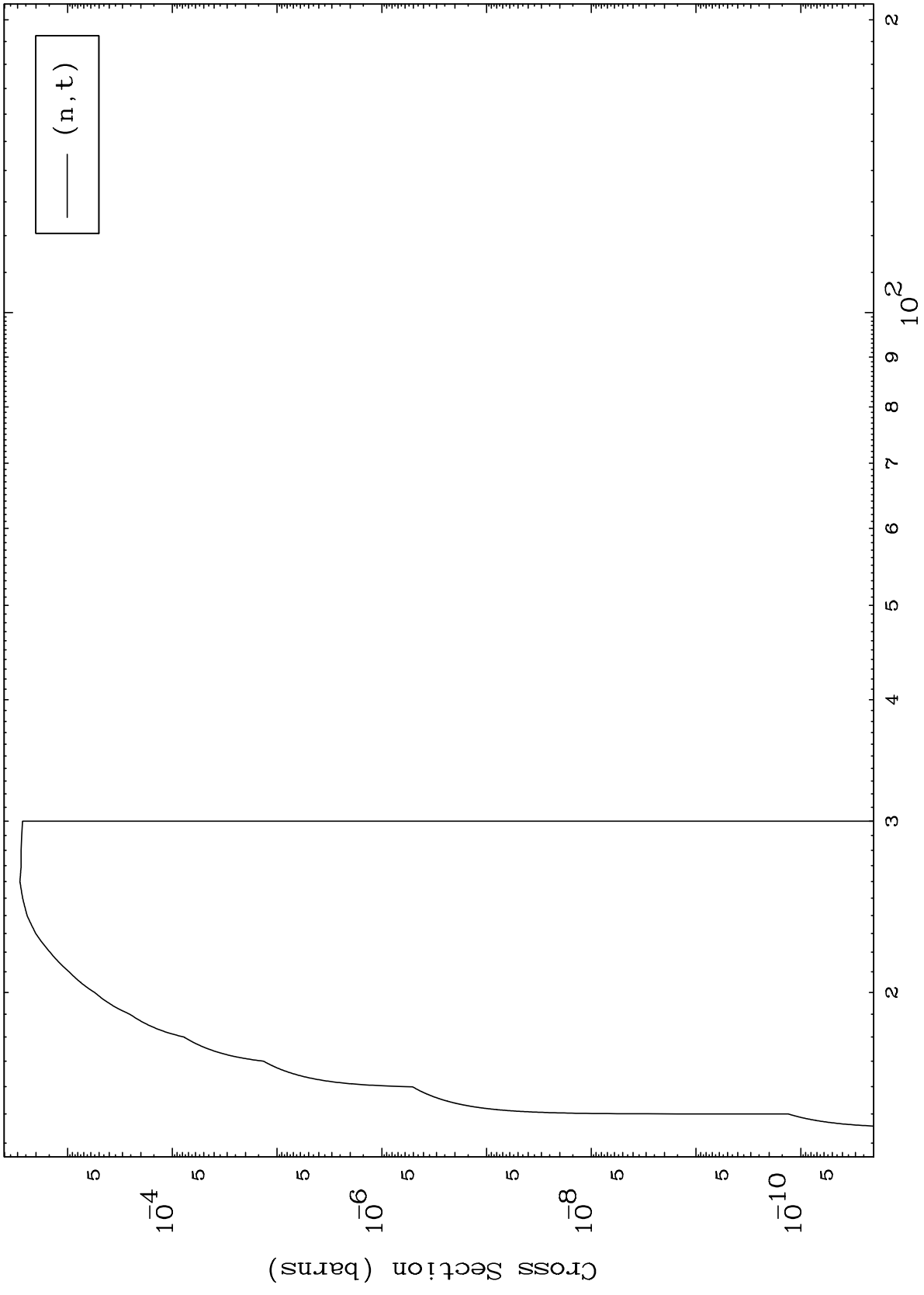
Incident Energy (MeV)

18-Ar-42

MAT 1843

(n,t) Levels  
293 Kelvin Cross Sections

18-Ar-42



(n,t)

12

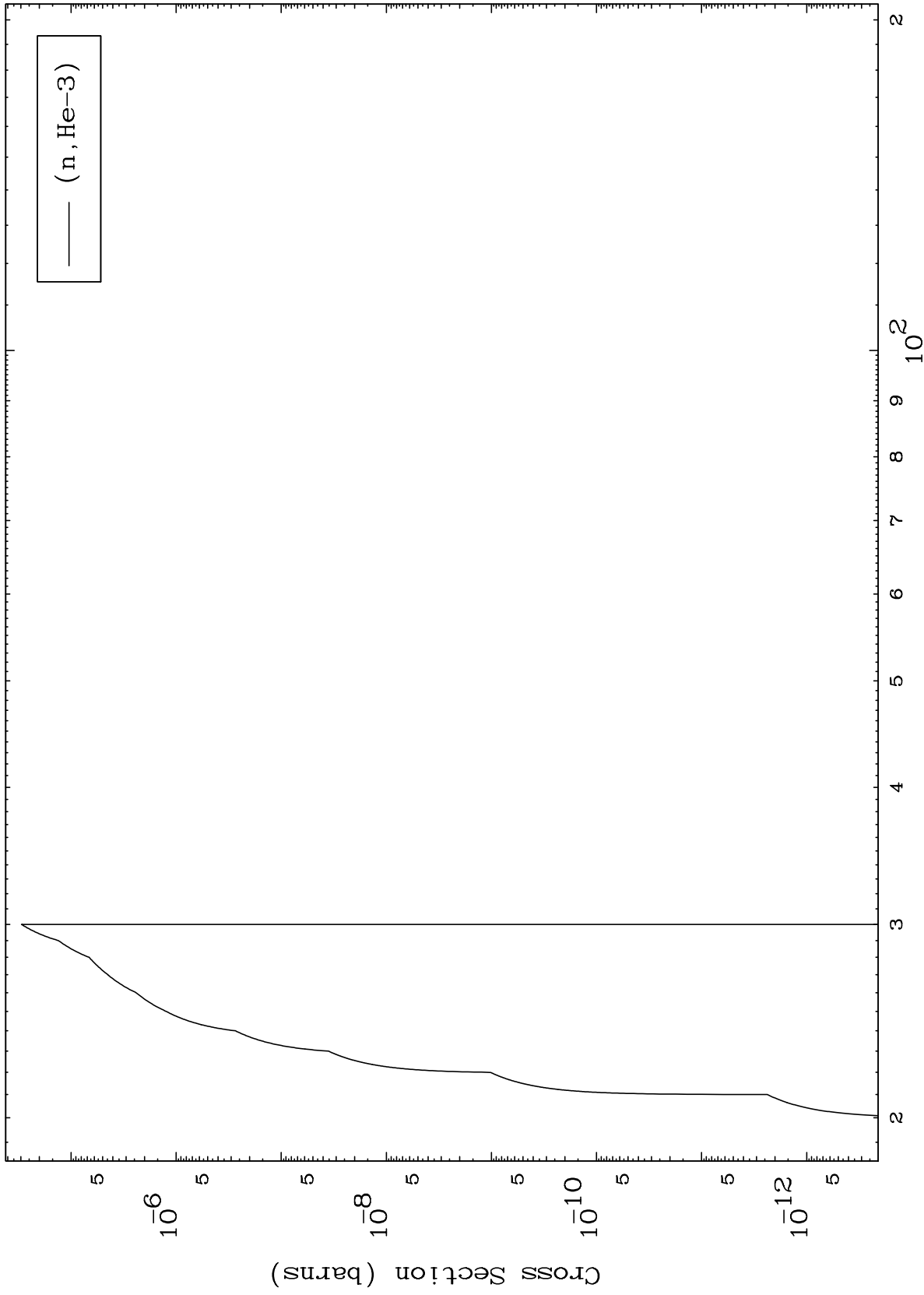
Incident Energy (MeV)

18-Ar-42

MAT 1843

(n,He3) Levels  
293 Kelvin Cross Sections

18-Ar-42



13

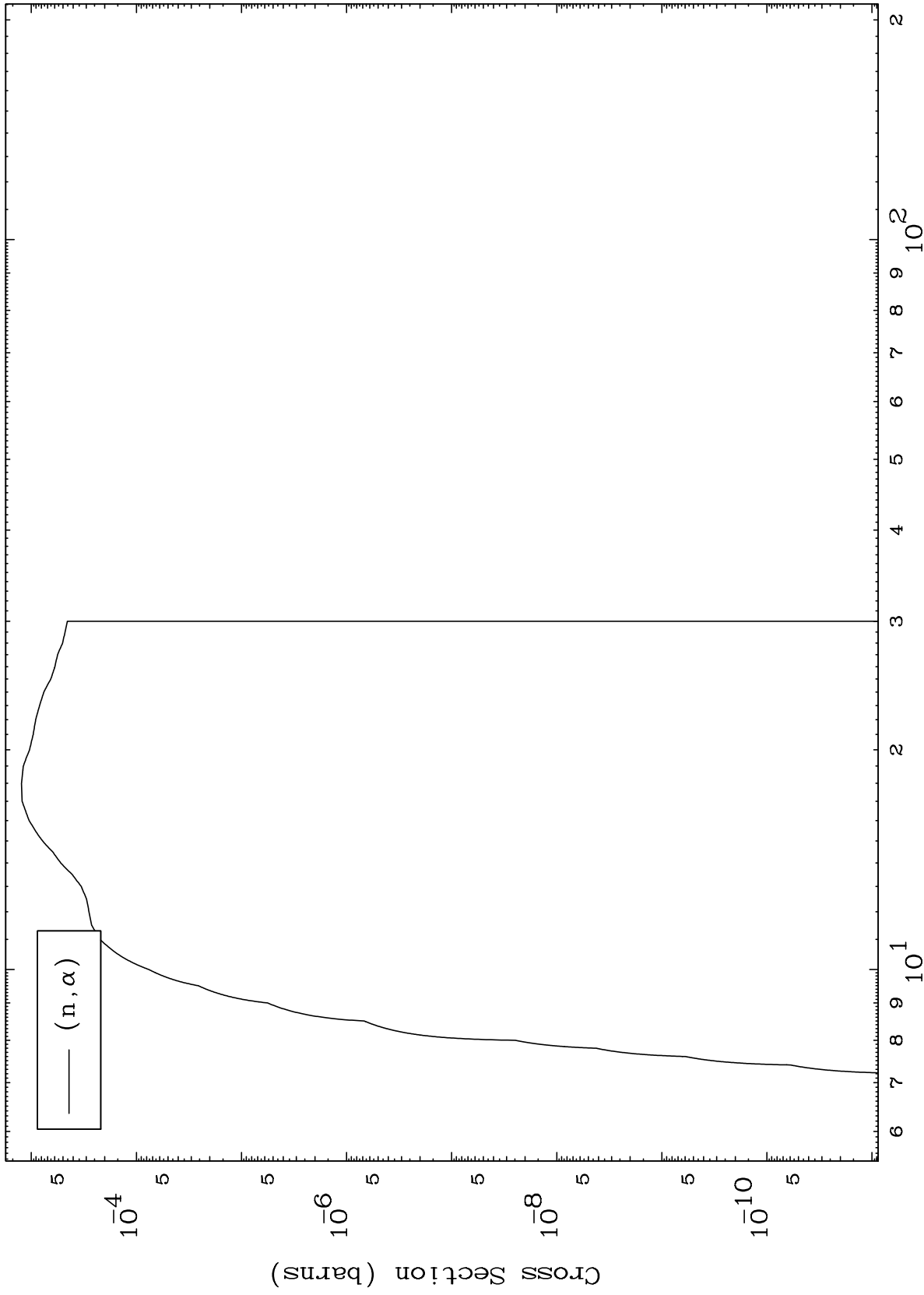
Incident Energy (MeV)

18-Ar-42

MAT 1843

(n,α) Levels  
293 Kelvin Cross Sections

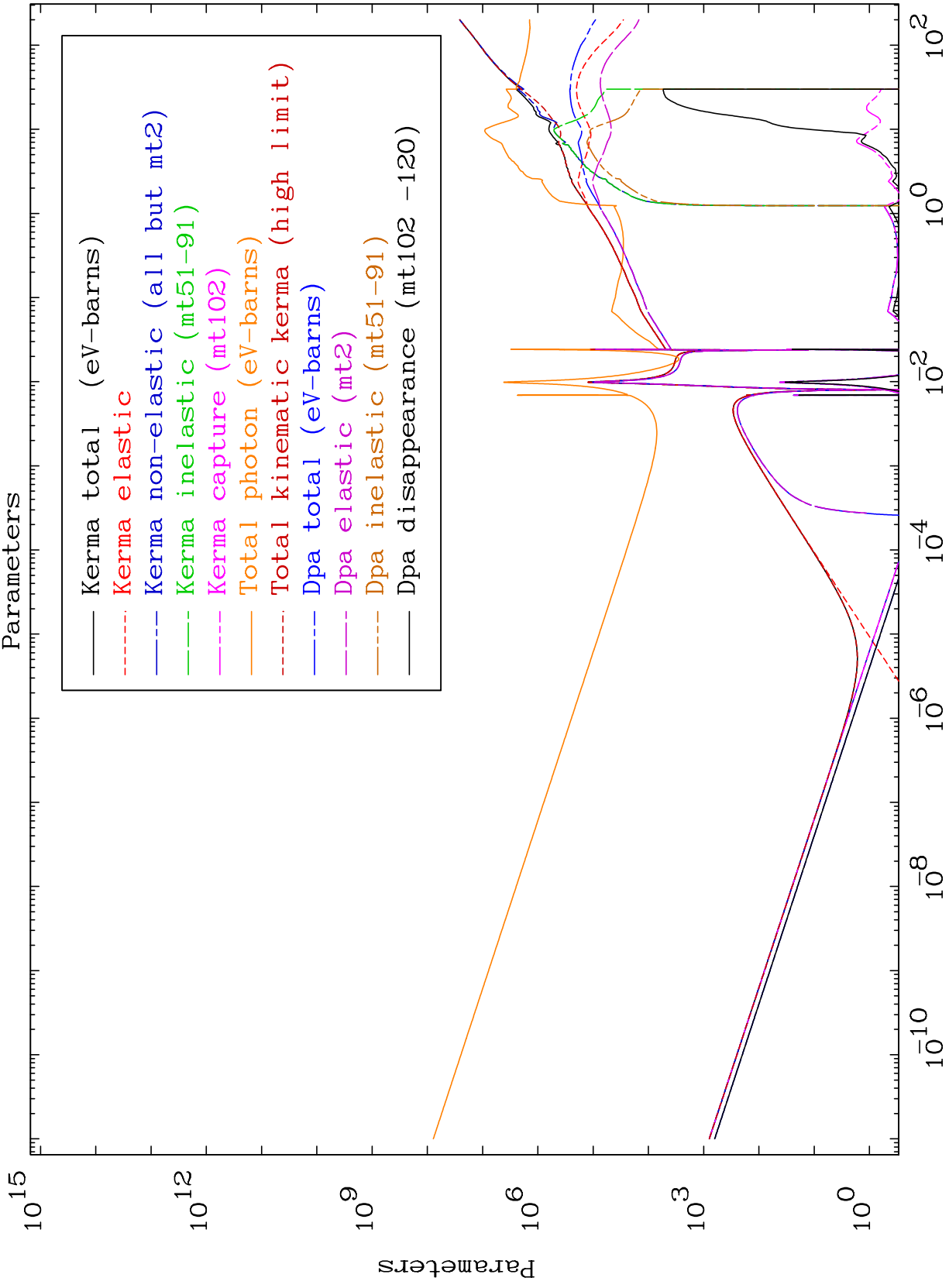
18-Ar-42



14

Incident Energy (MeV)

18-Ar-42

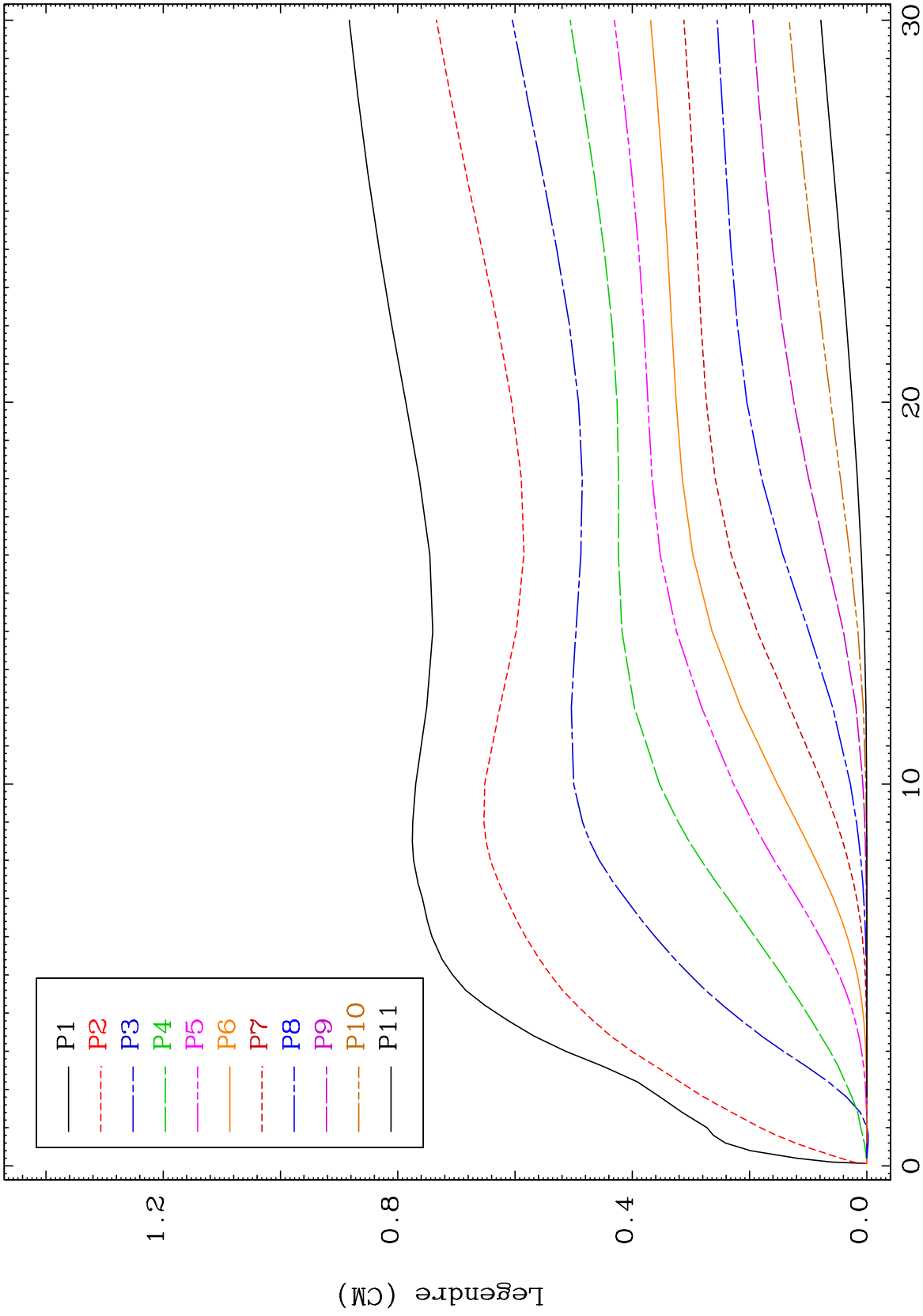




MAT 1843

Elastic Legendre Coefficients

18-Ar-42



16

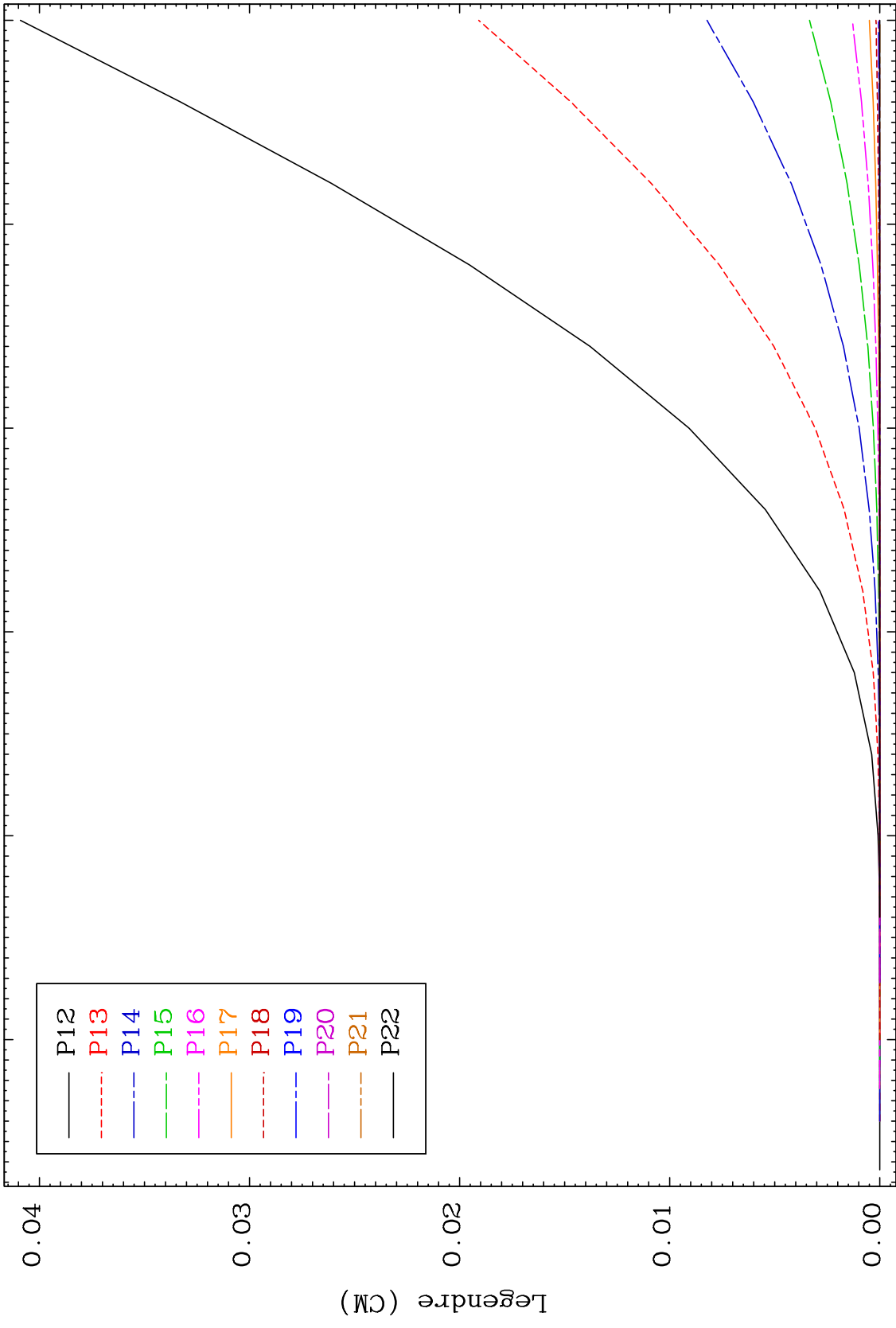
Incident Energy (MeV)

18-Ar-42

MAT 1843

Elastic  
Legendre Coefficients

18-Ar-42



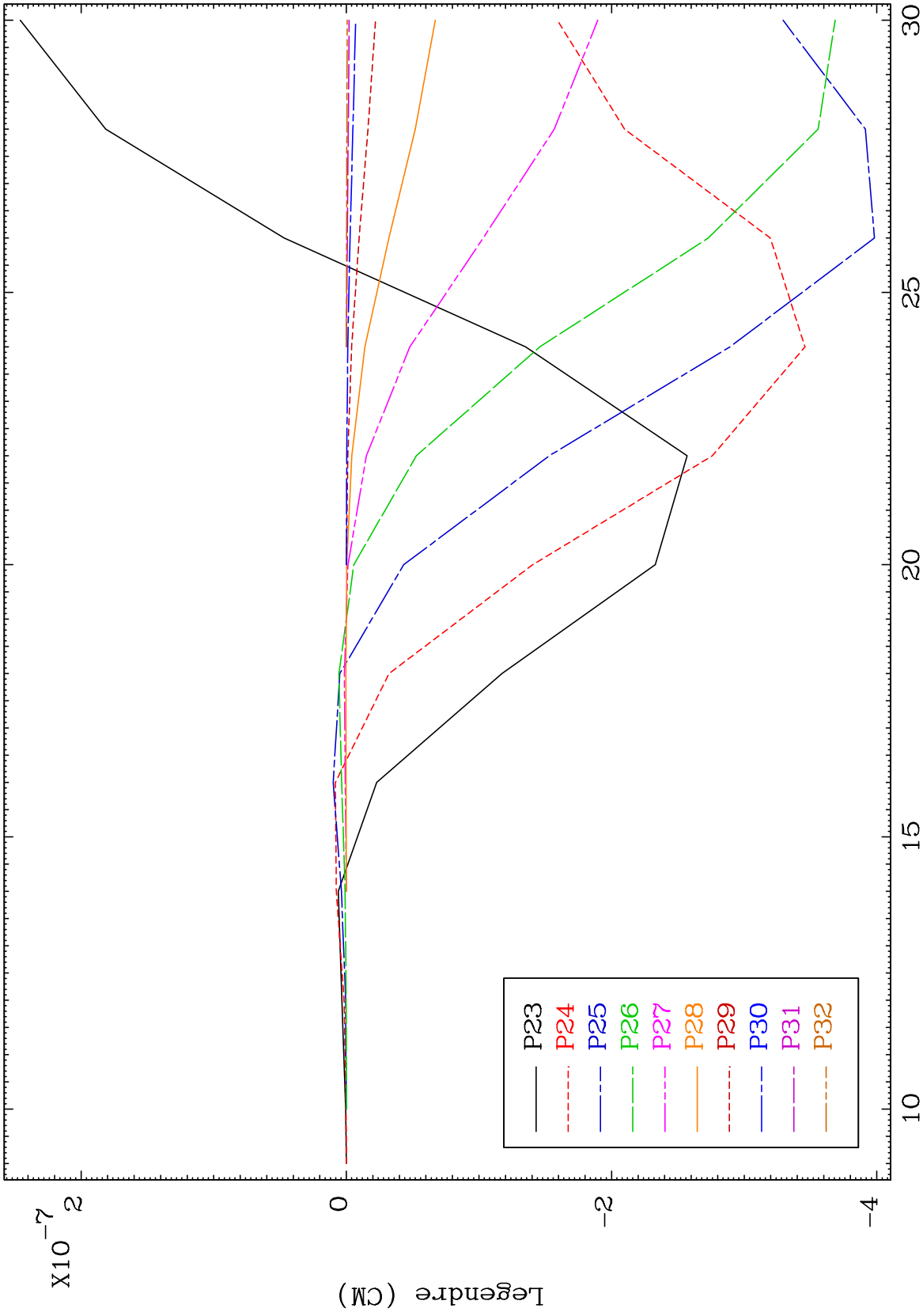
17

18-Ar-42

MAT 1843

Elastic Legendre Coefficients

18-Ar-42



18

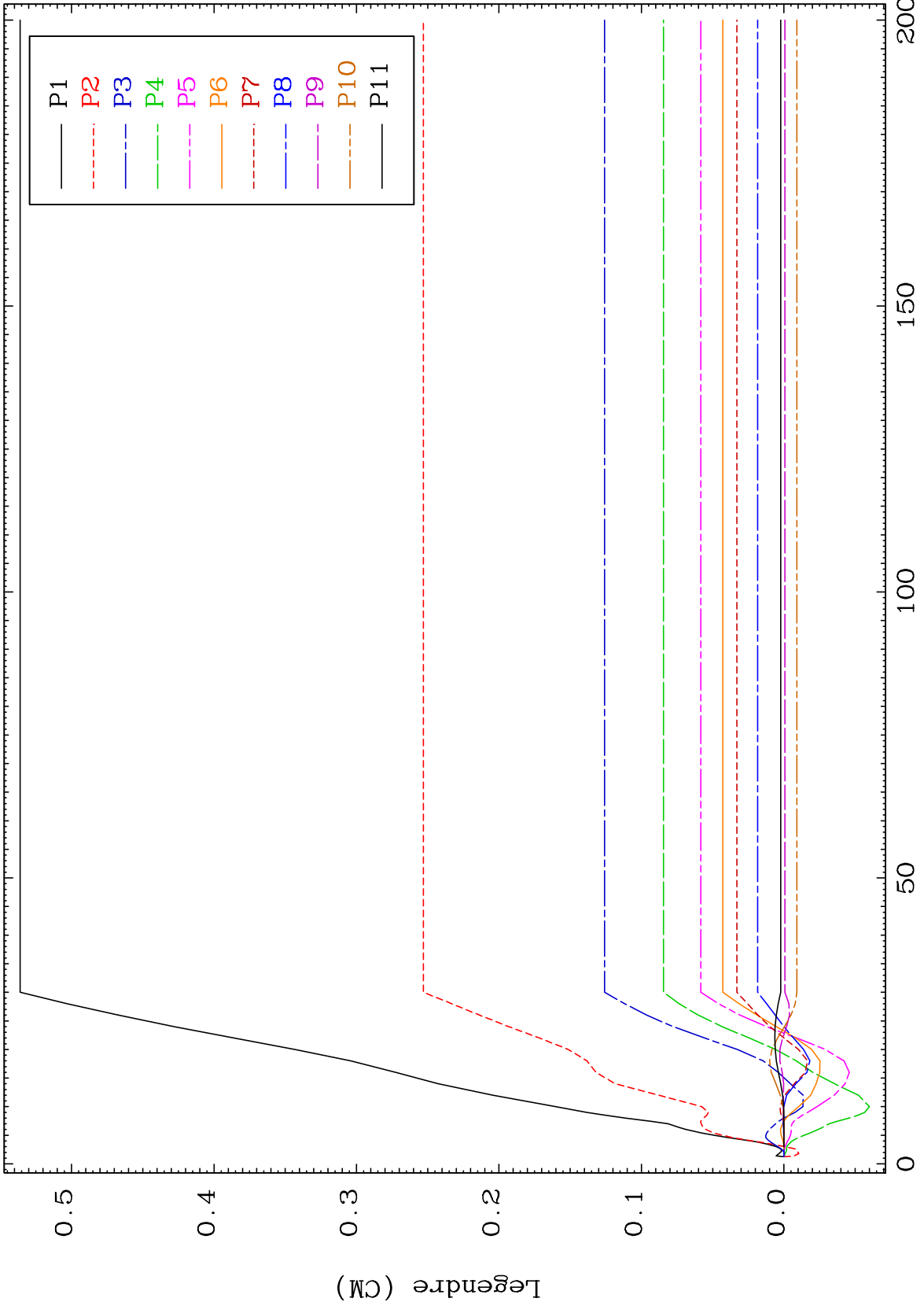
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



19

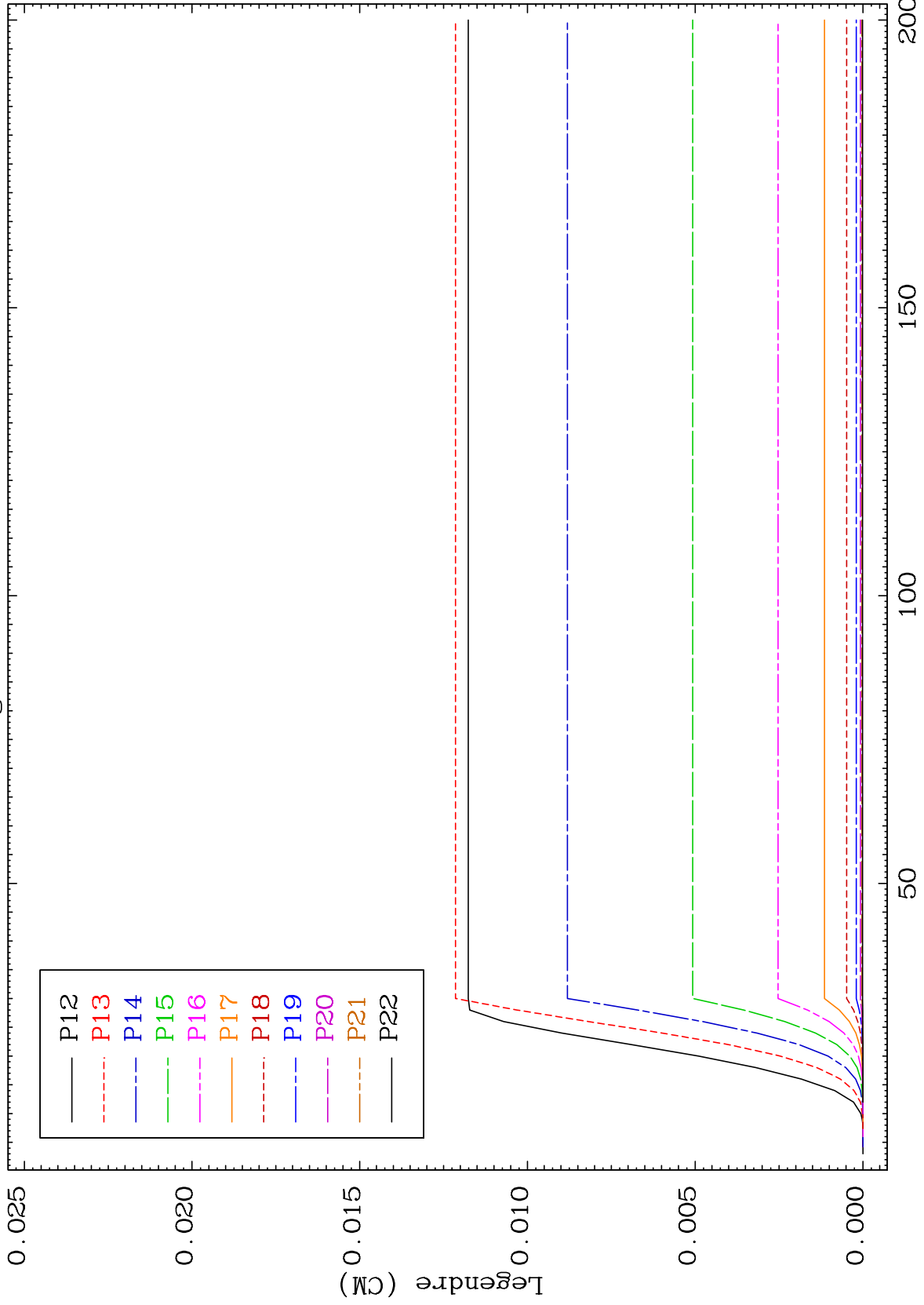
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



20

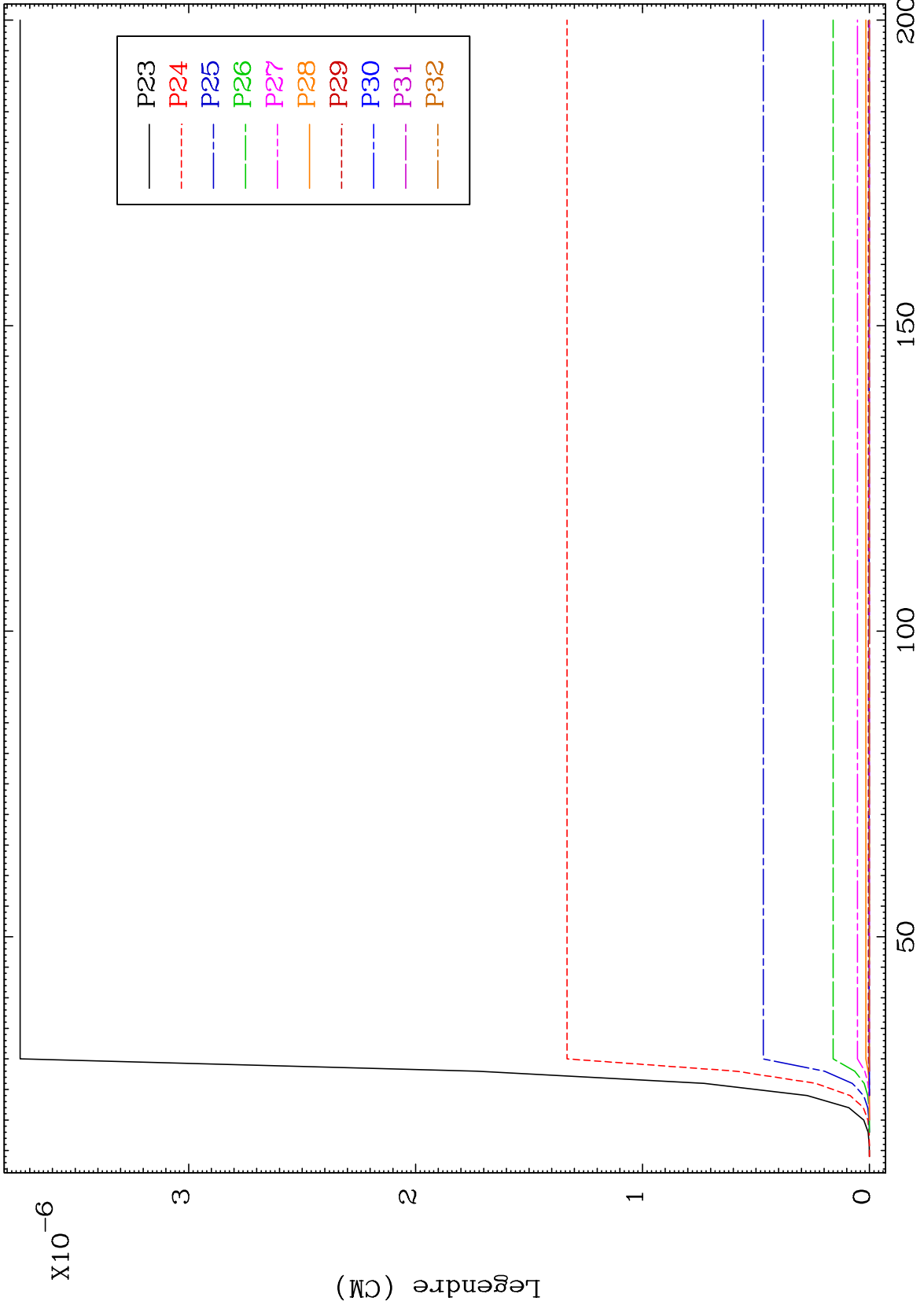
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



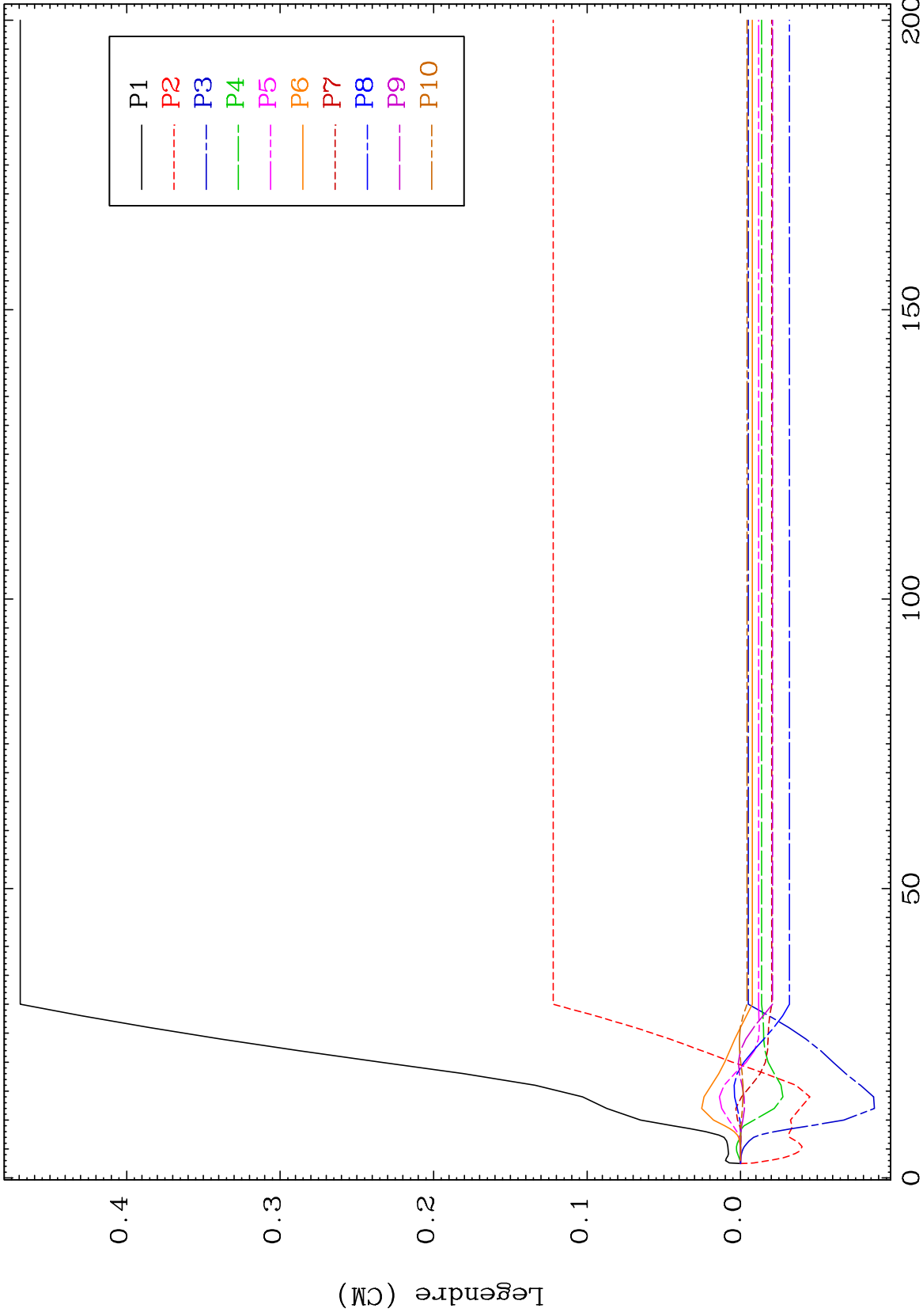
21

18-Ar-42

MAT 1843

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

18-Ar-42



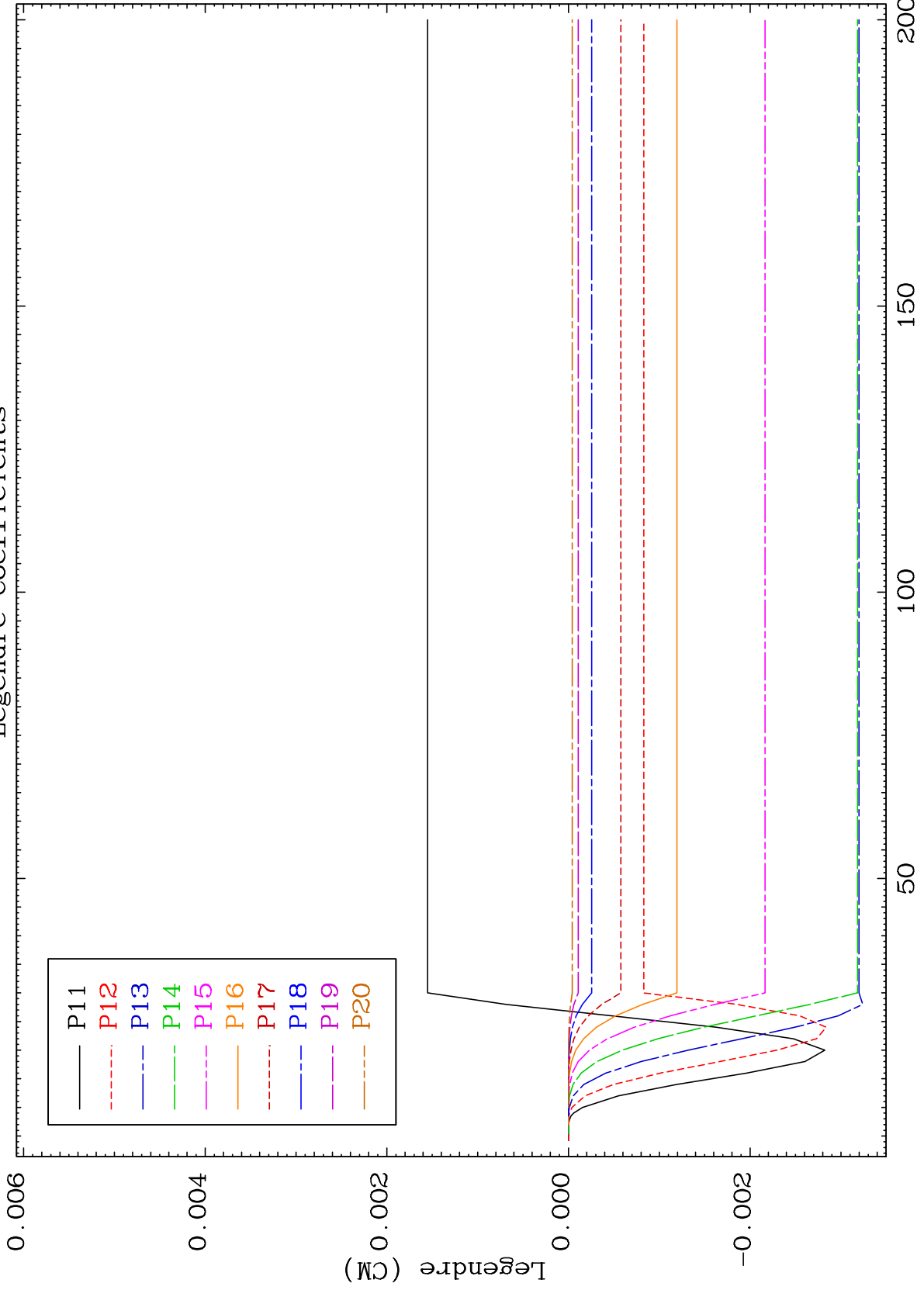
22

18-Ar-42

MAT 1843

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

18-Ar-42



23

Incident Energy (MeV)

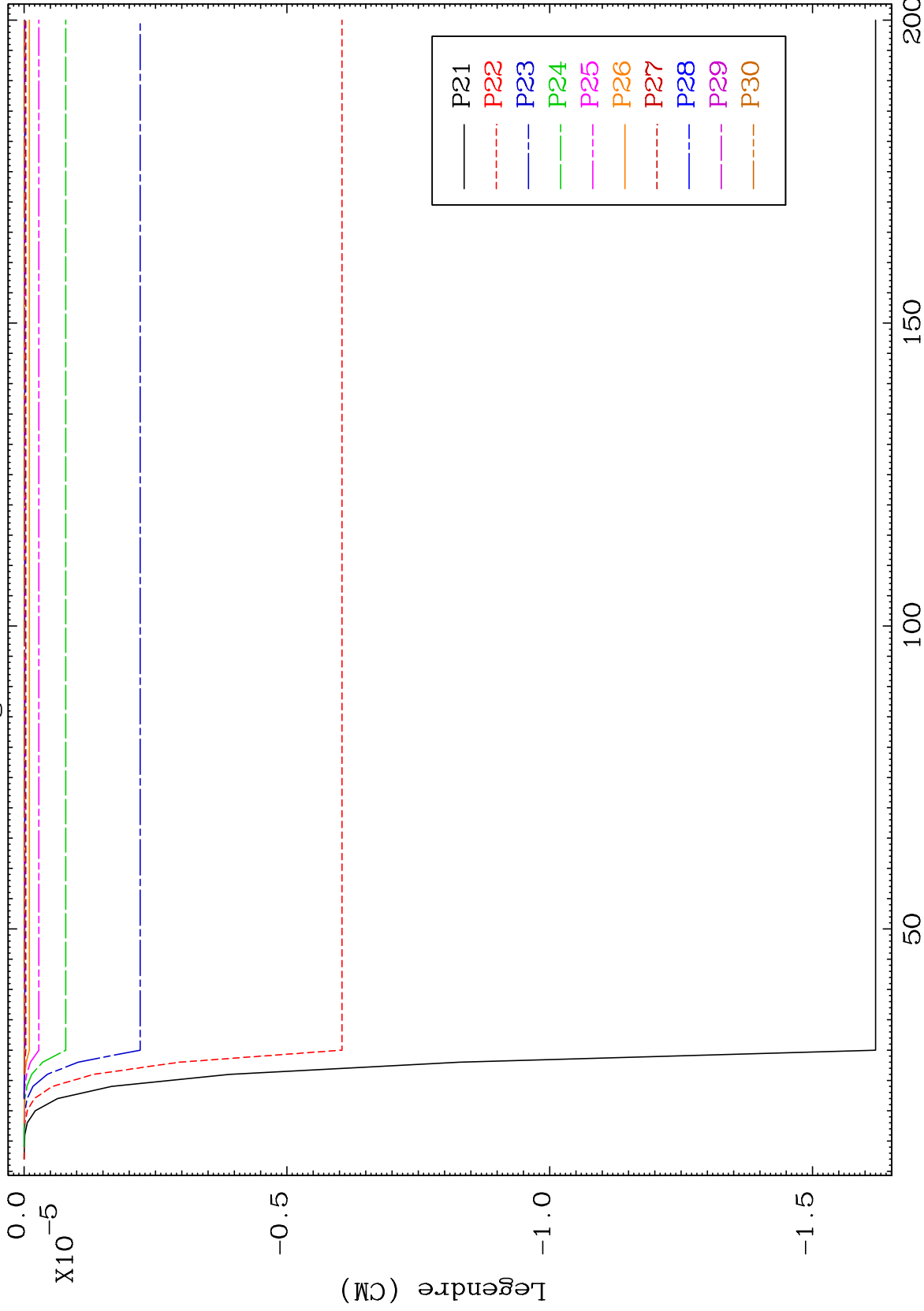
18-Ar-42



MAT 1843

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

18-Ar-42



18-Ar-42

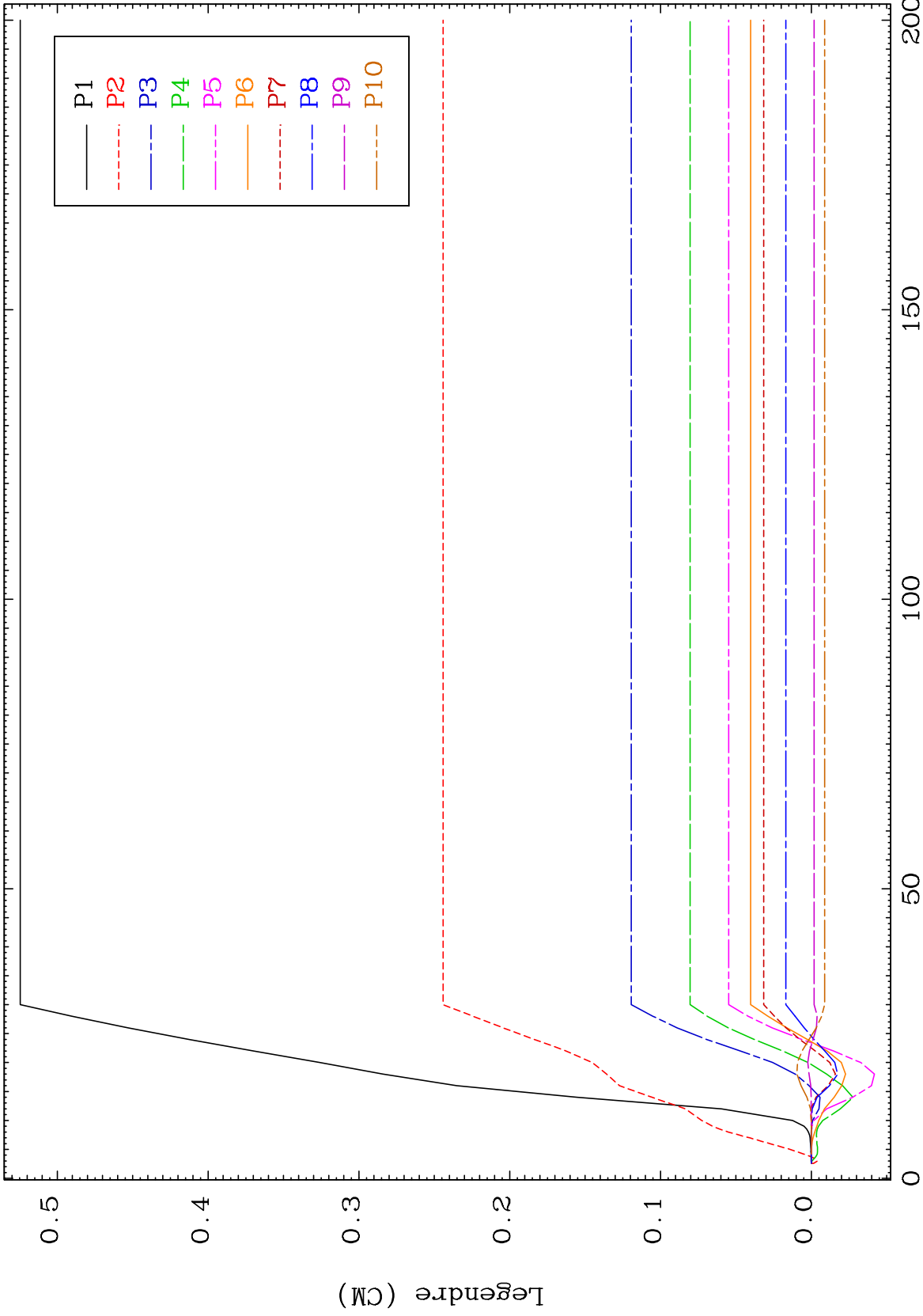
Incident Energy (MeV)

24

MAT 1843

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

18-Ar-42



25

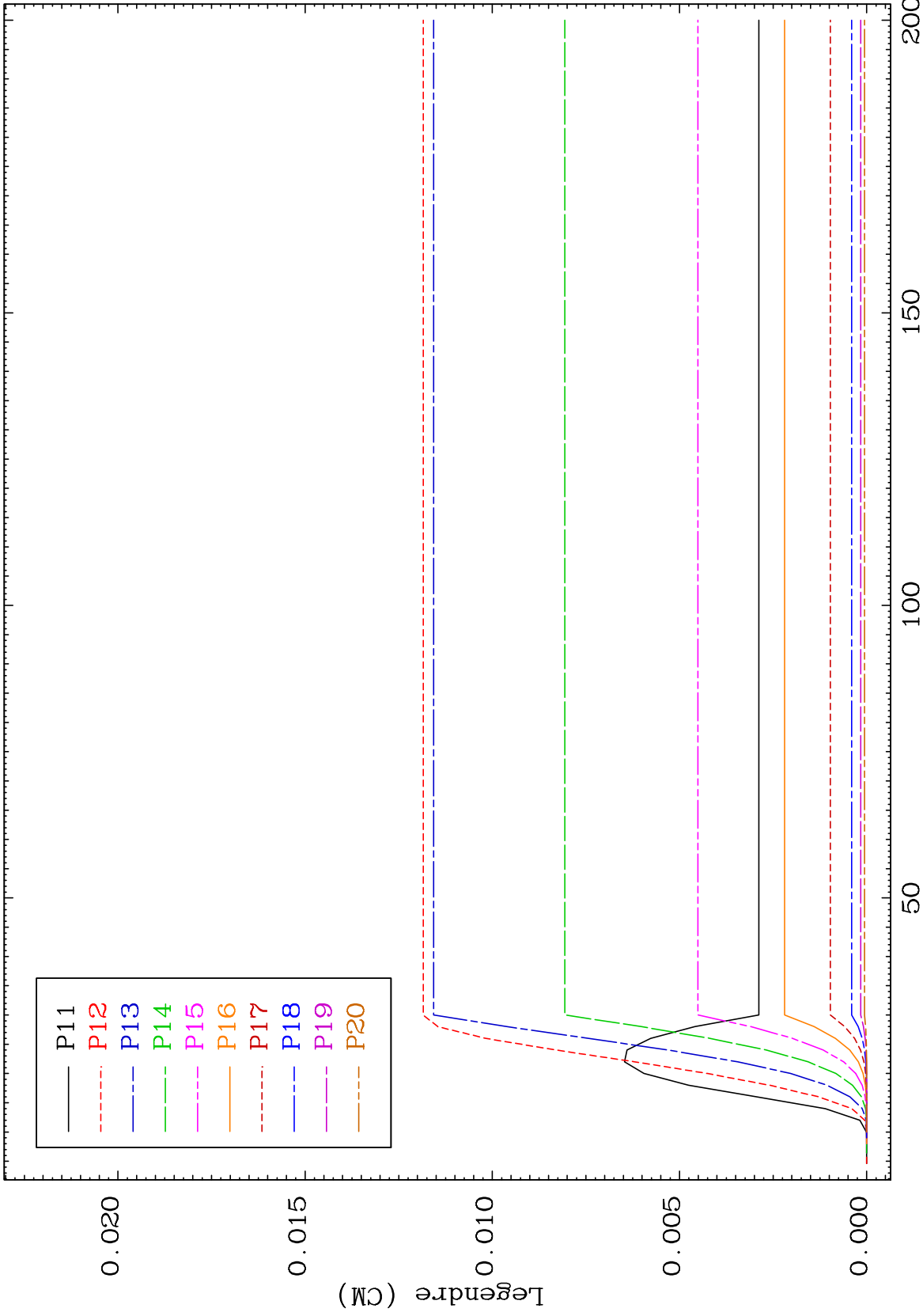
18-Ar-42

18-Ar-42

MAT 1843

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

18-Ar-42



26

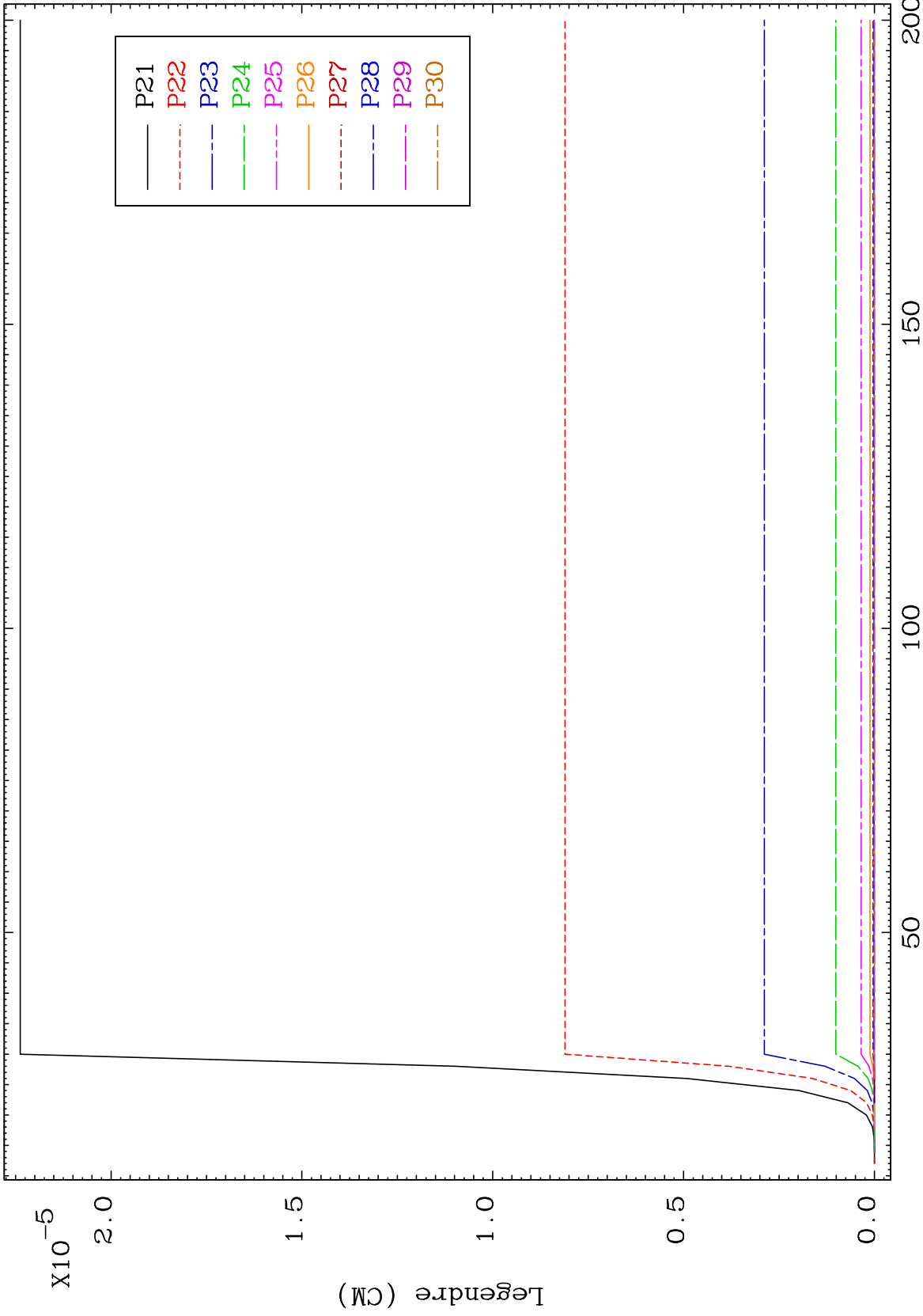
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



27

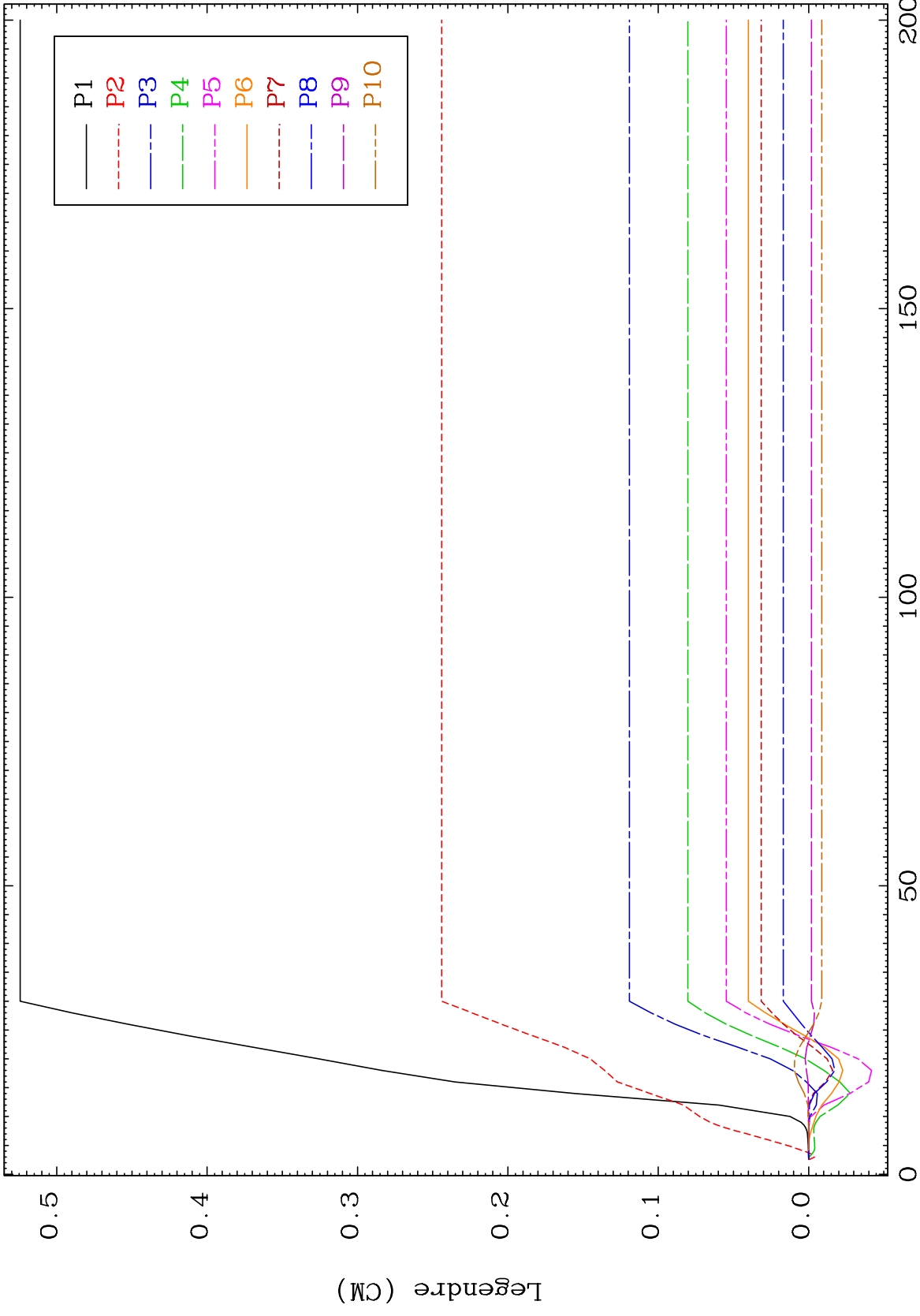
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



28

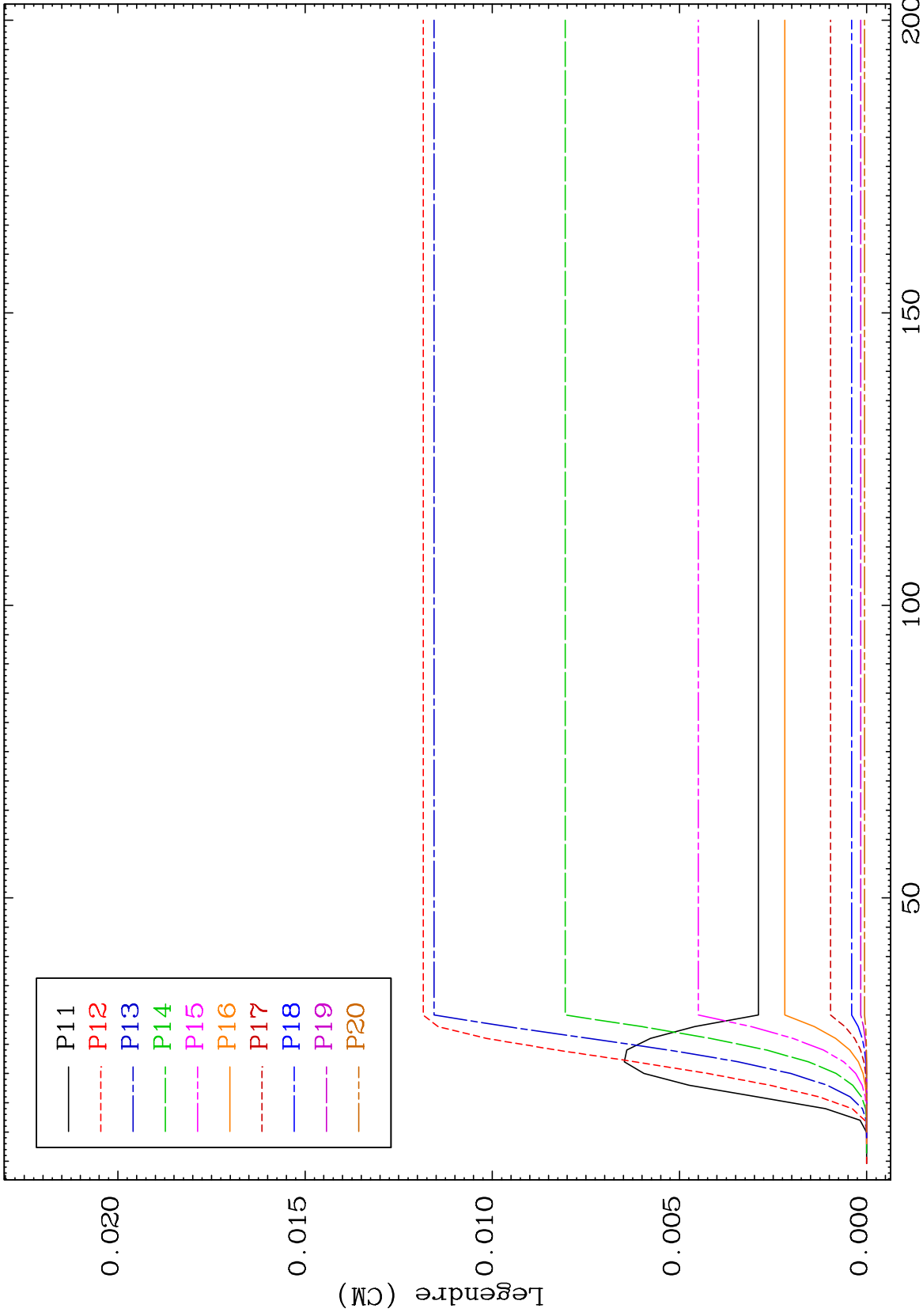
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



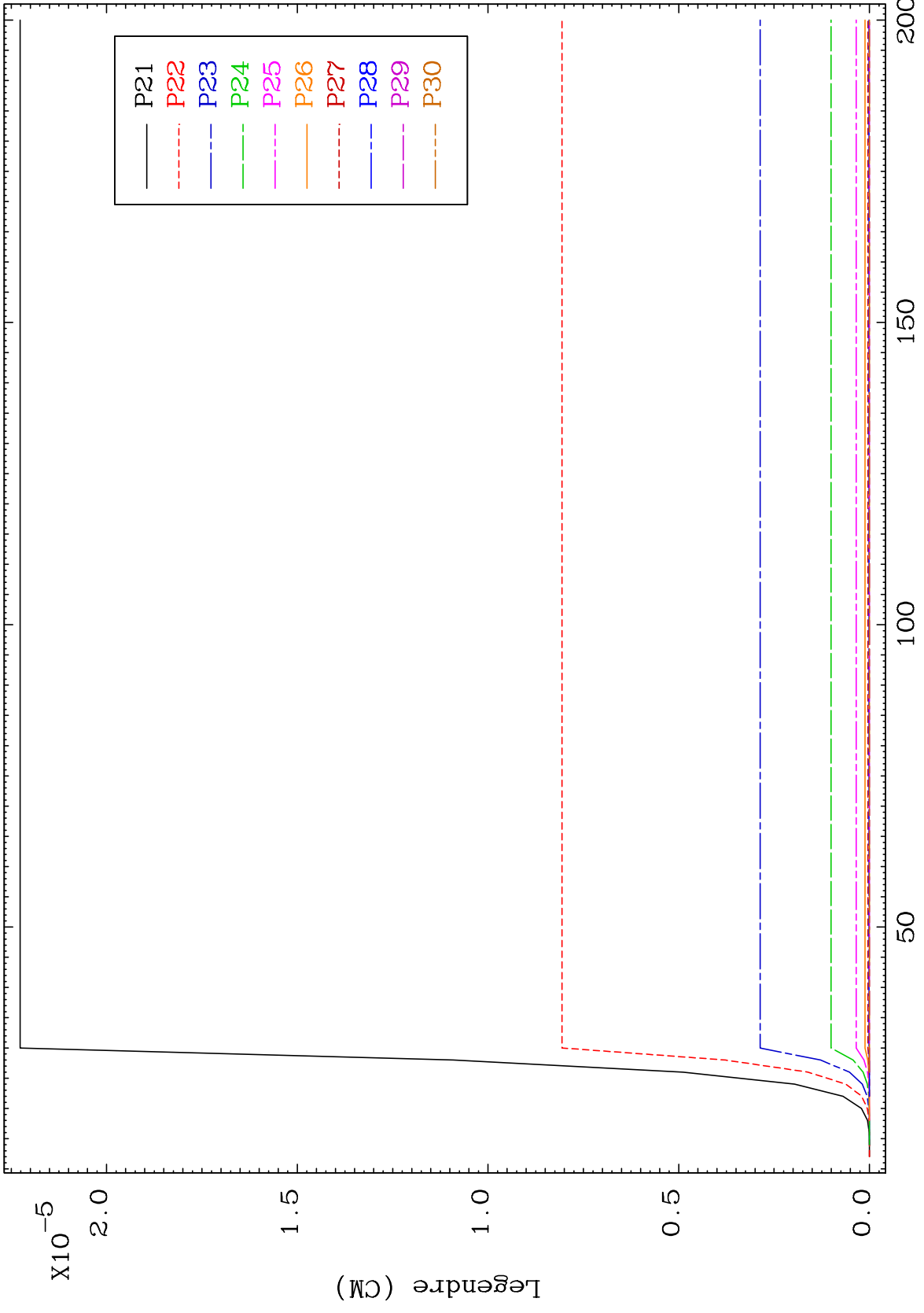
29

18-Ar-42

MAT 1843

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

18-Ar-42



30

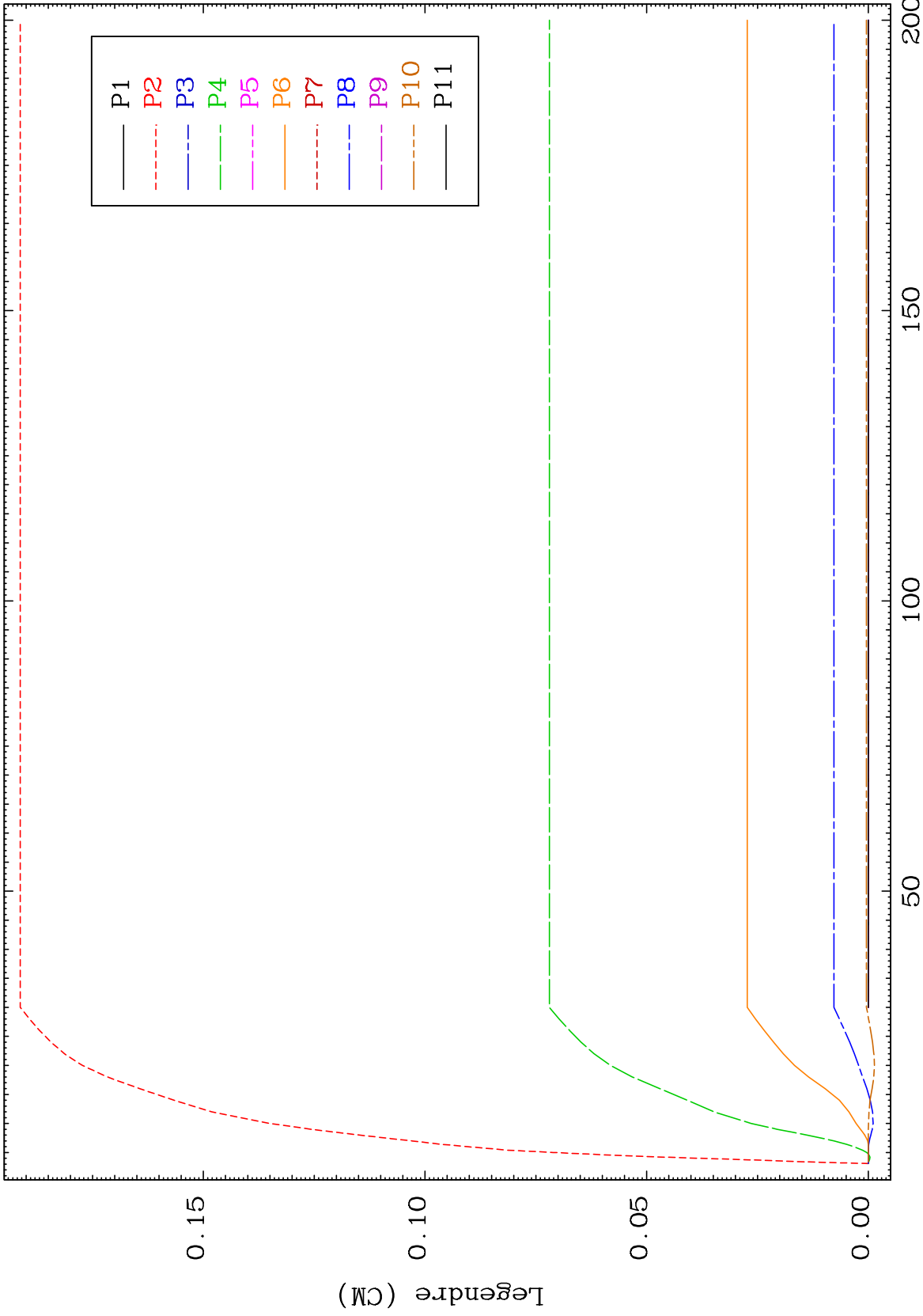
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



31

Incident Energy (MeV)

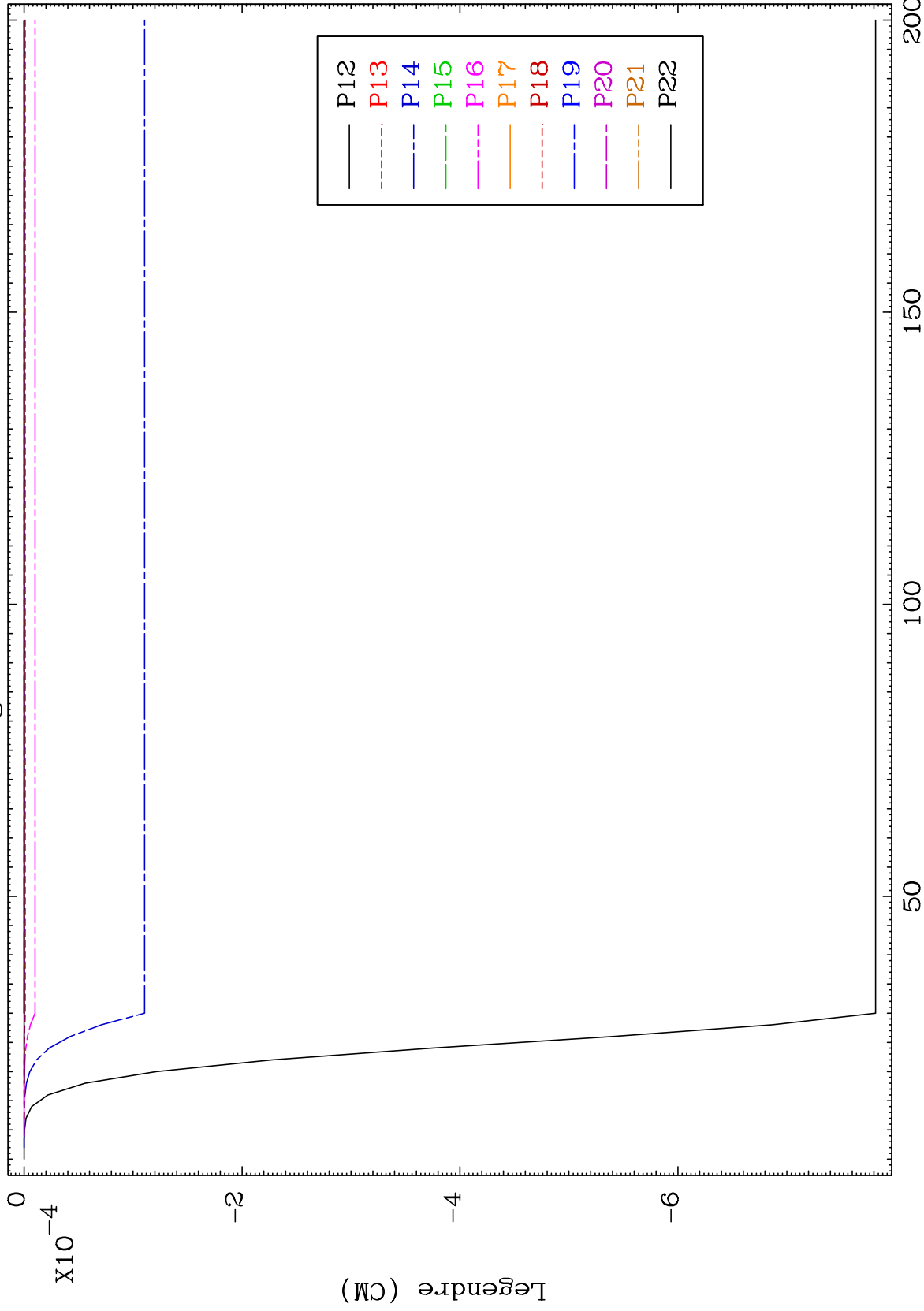
18-Ar-42



MAT 1843

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

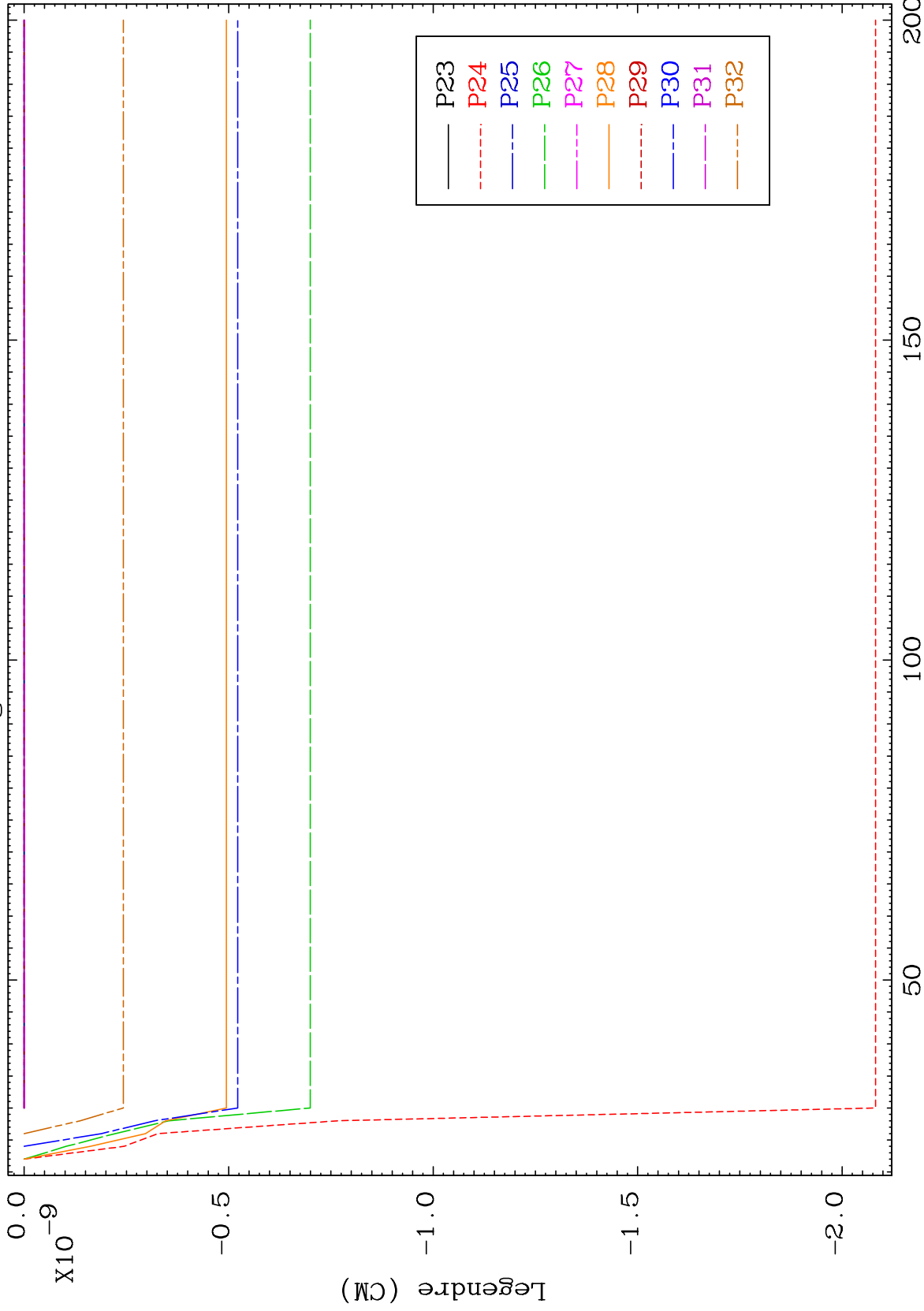
18-Ar-42



32

18-Ar-42

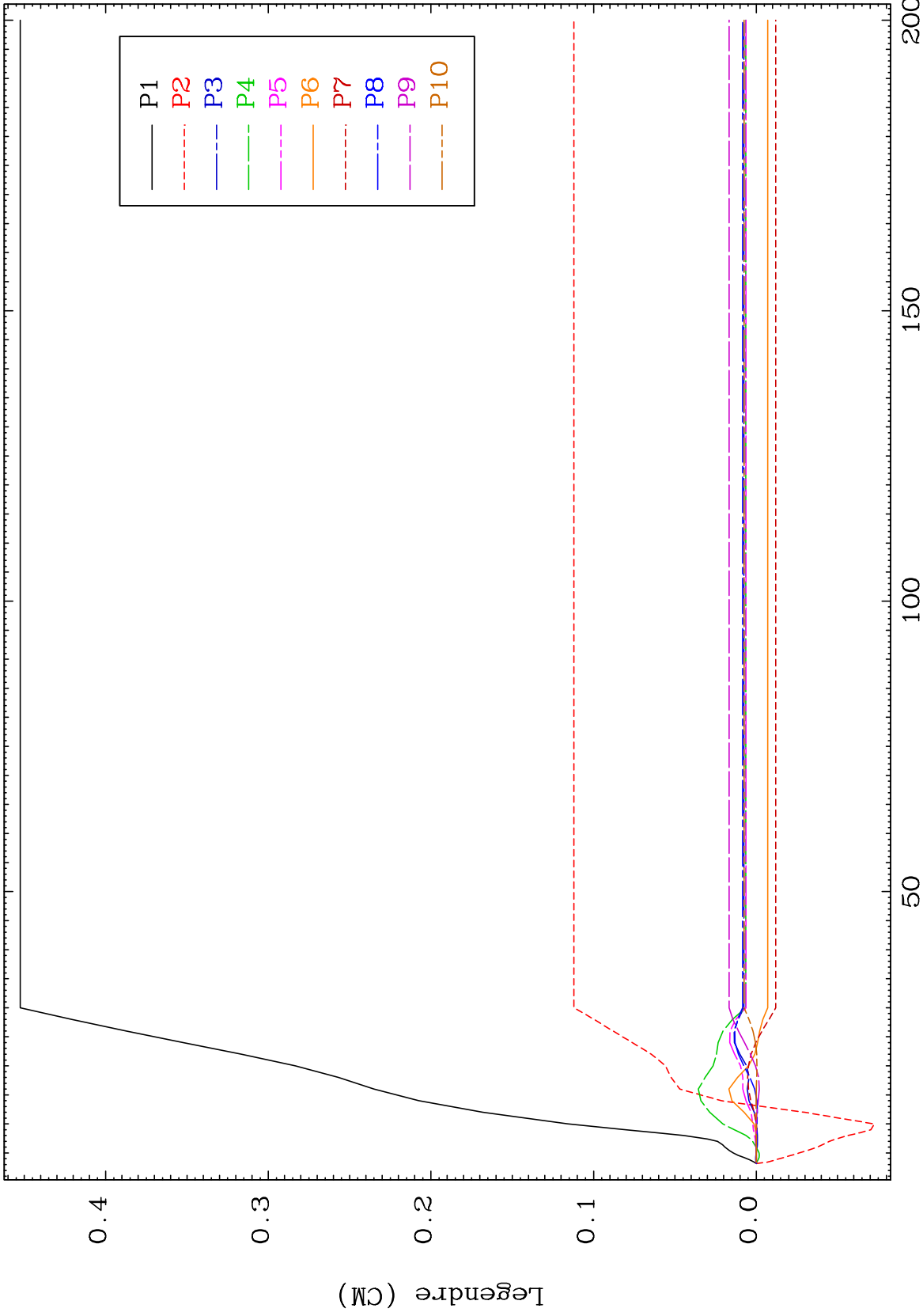
MAT 1843 MT= 55 (n,n') Level Legendre Coefficients 18-Ar-42



MAT 1843

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

18-Ar-42



34

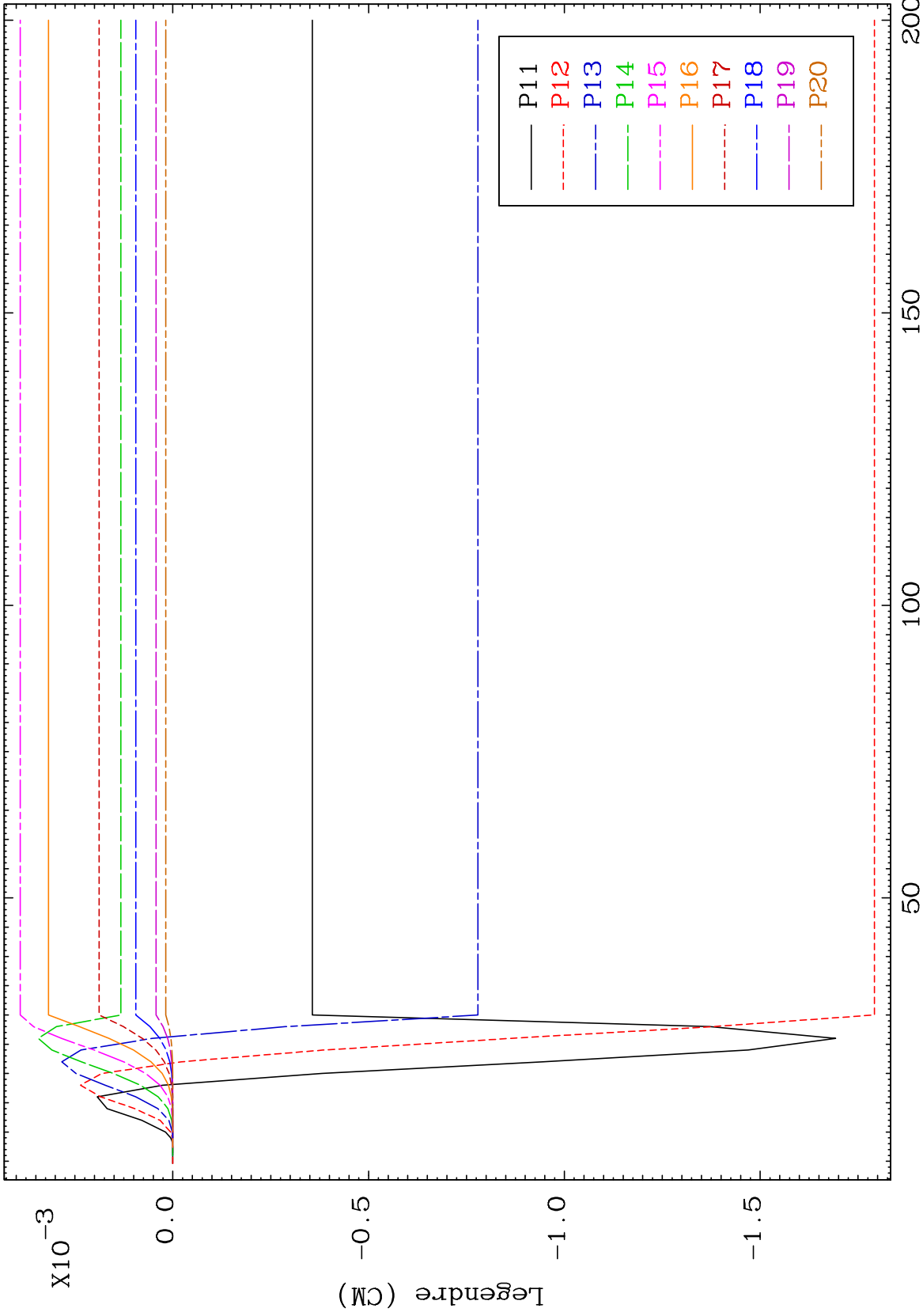
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



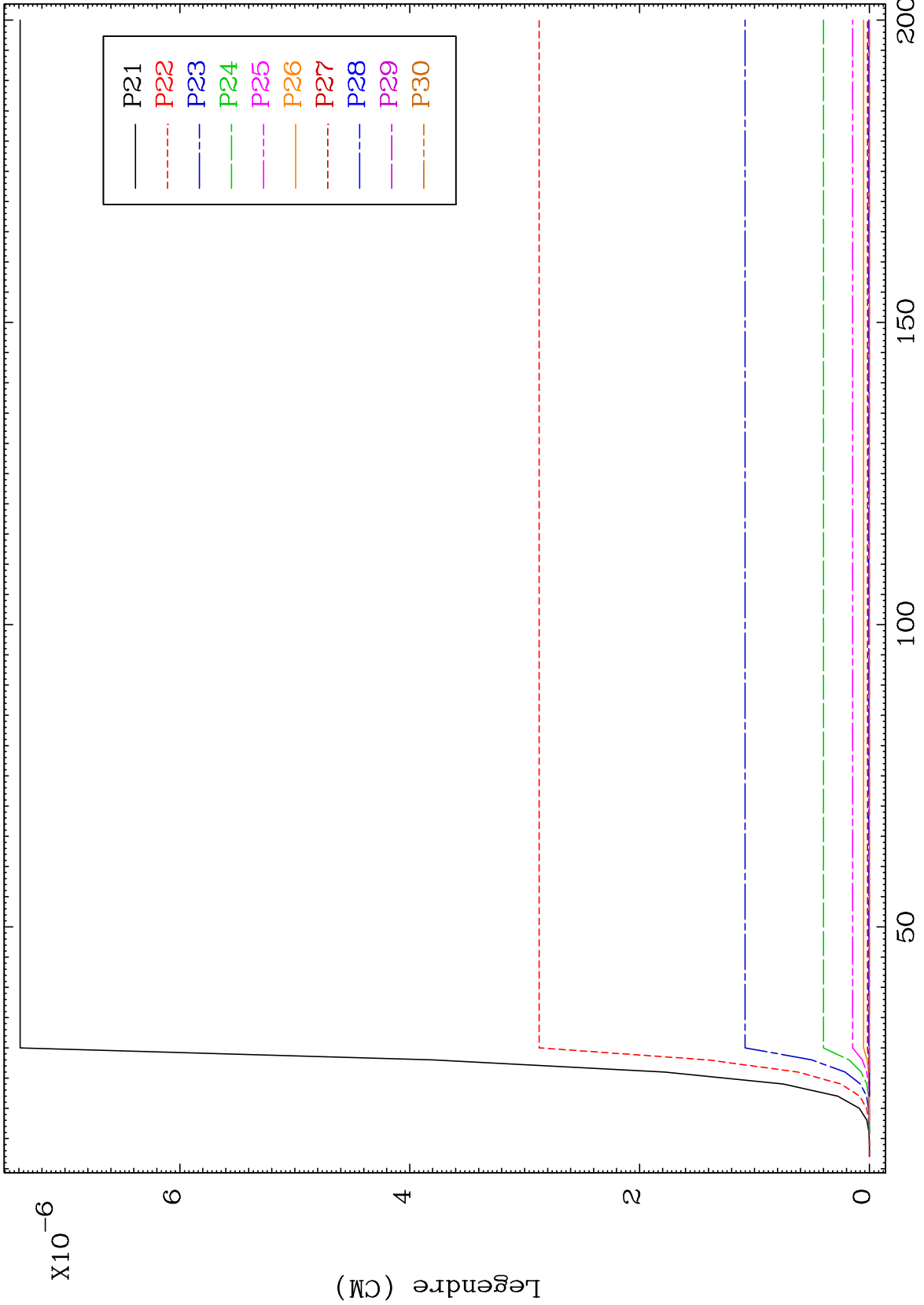
35

18-Ar-42

MAT 1843

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

18-Ar-42



36

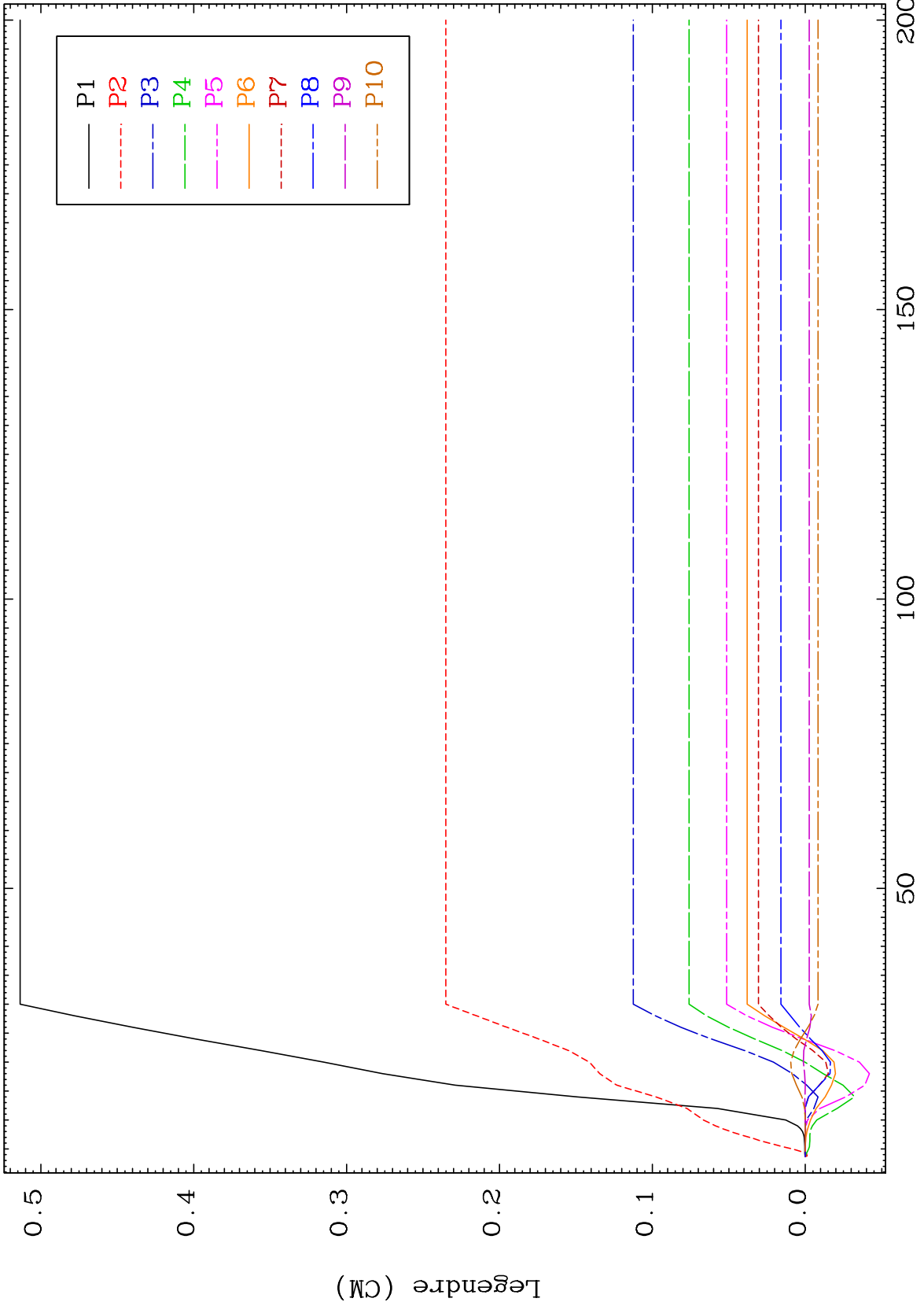
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



37

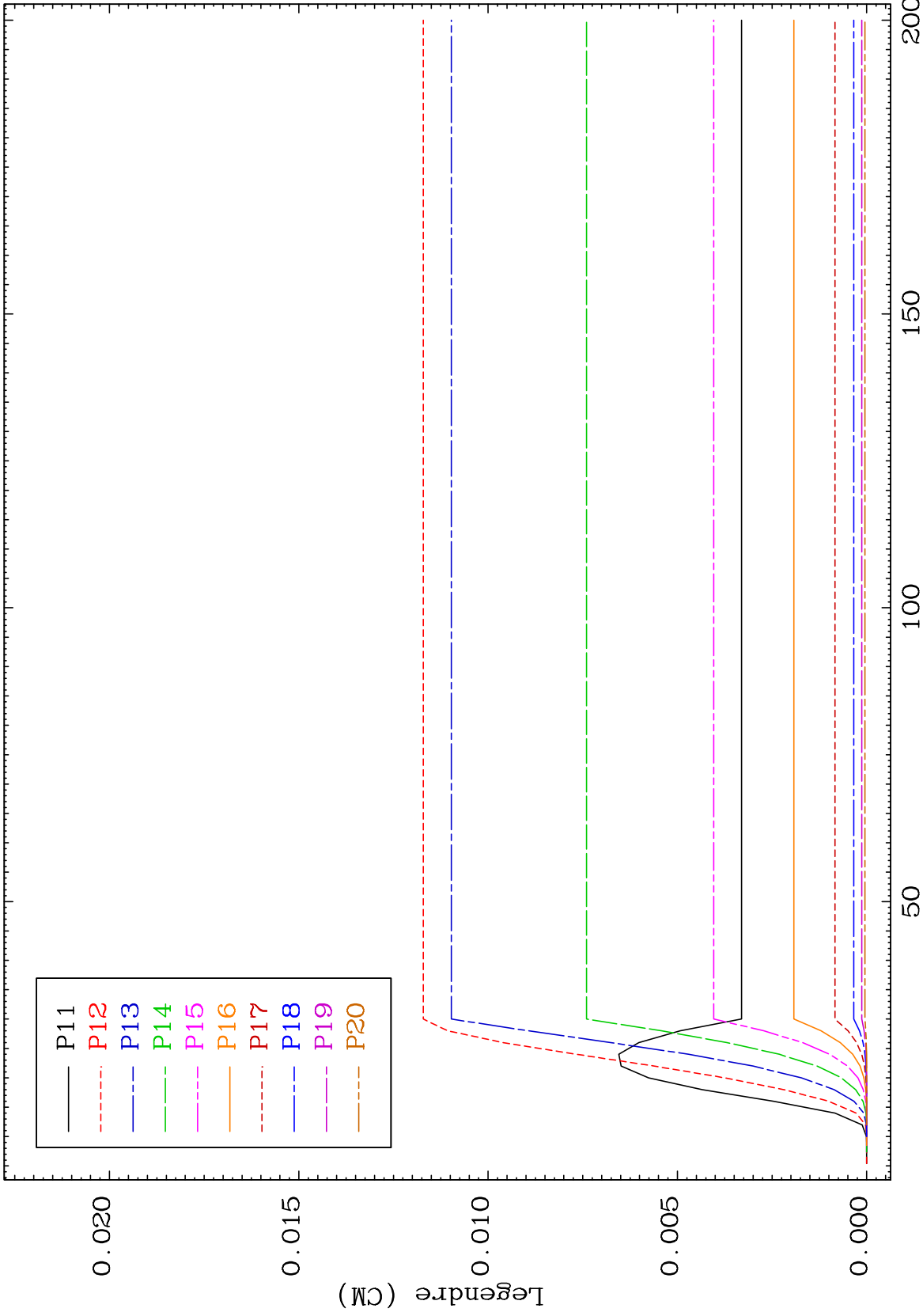
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



38

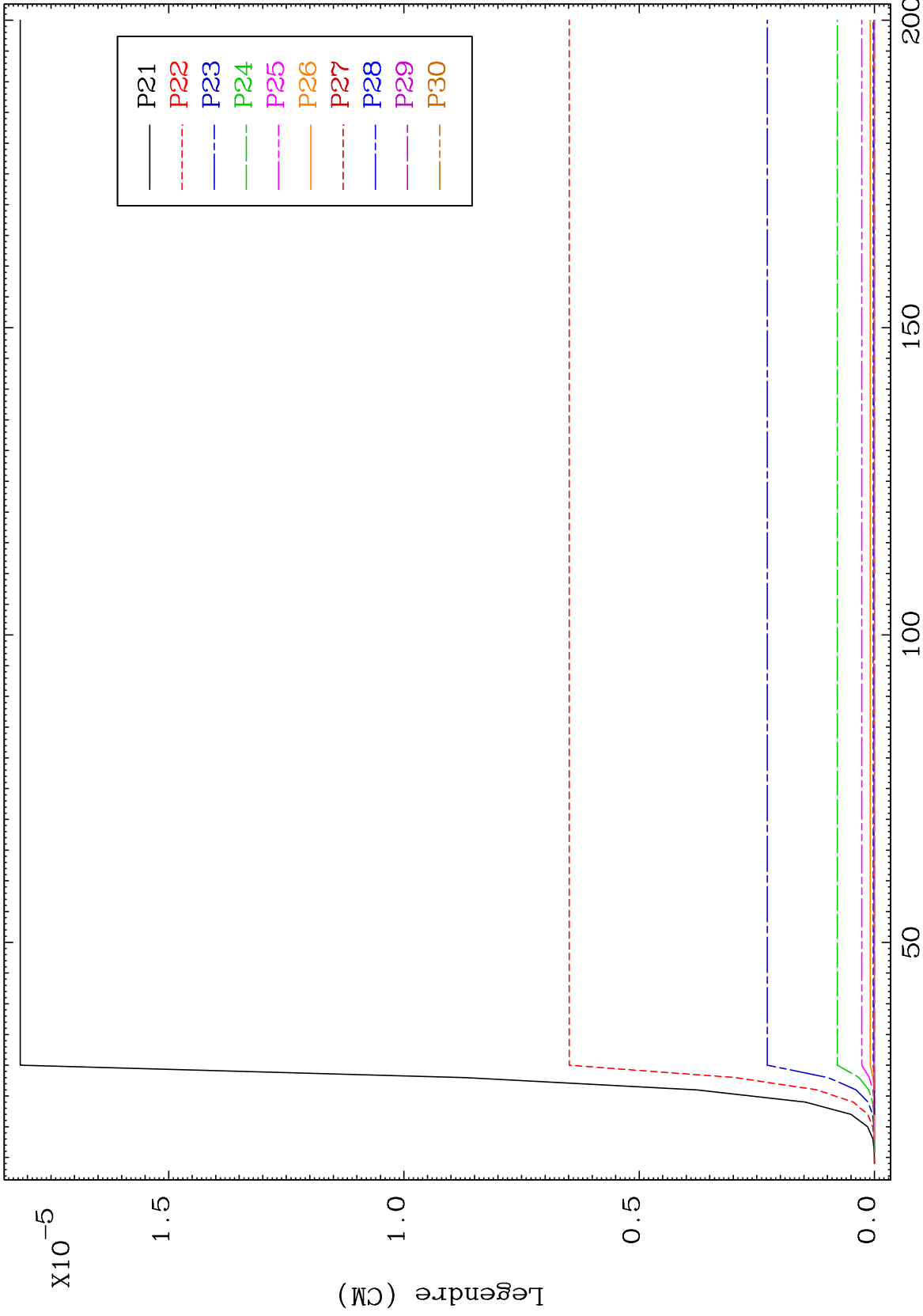
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



39

Incident Energy (MeV)

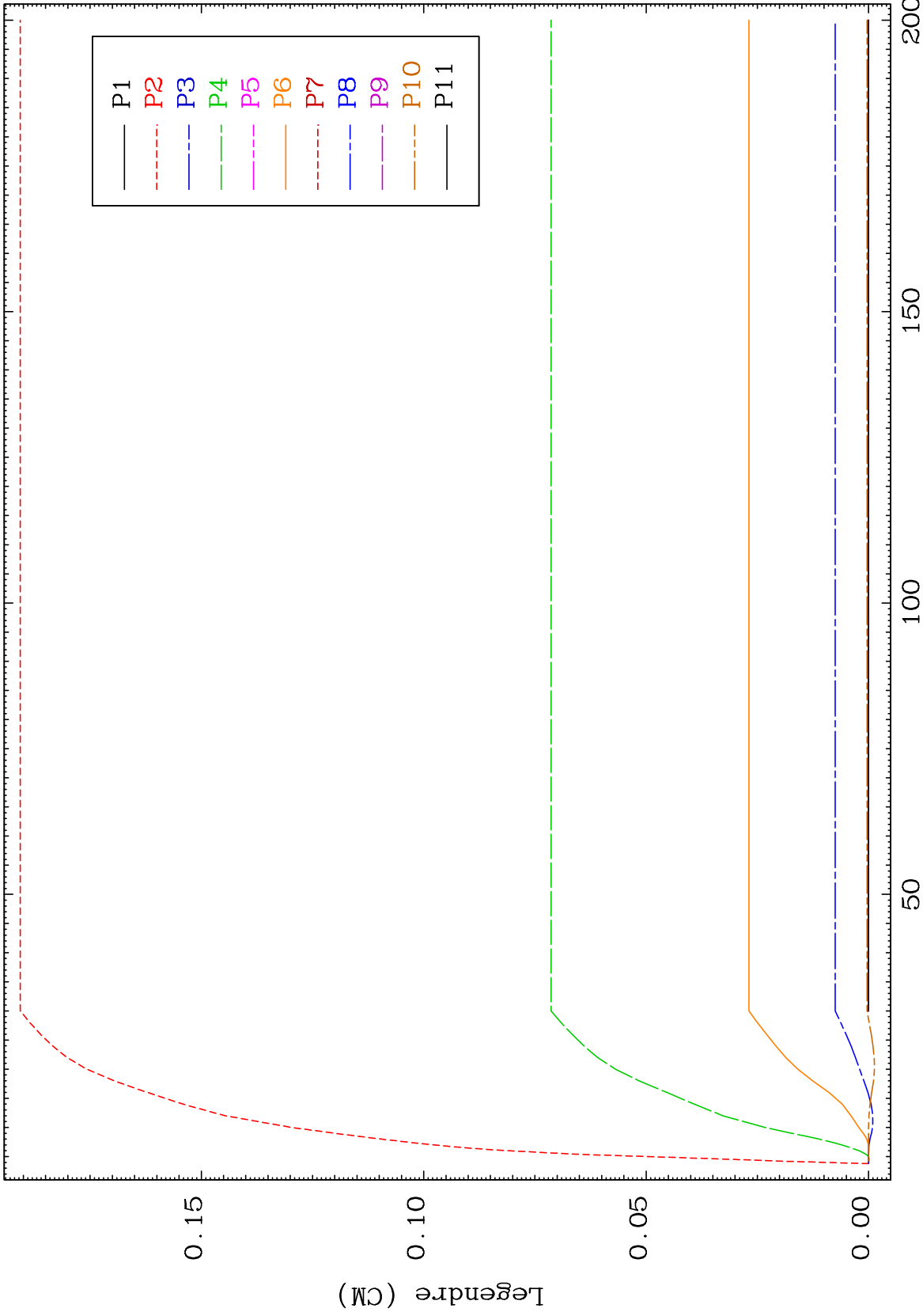
18-Ar-42



MAT 1843

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

18-Ar-42



40

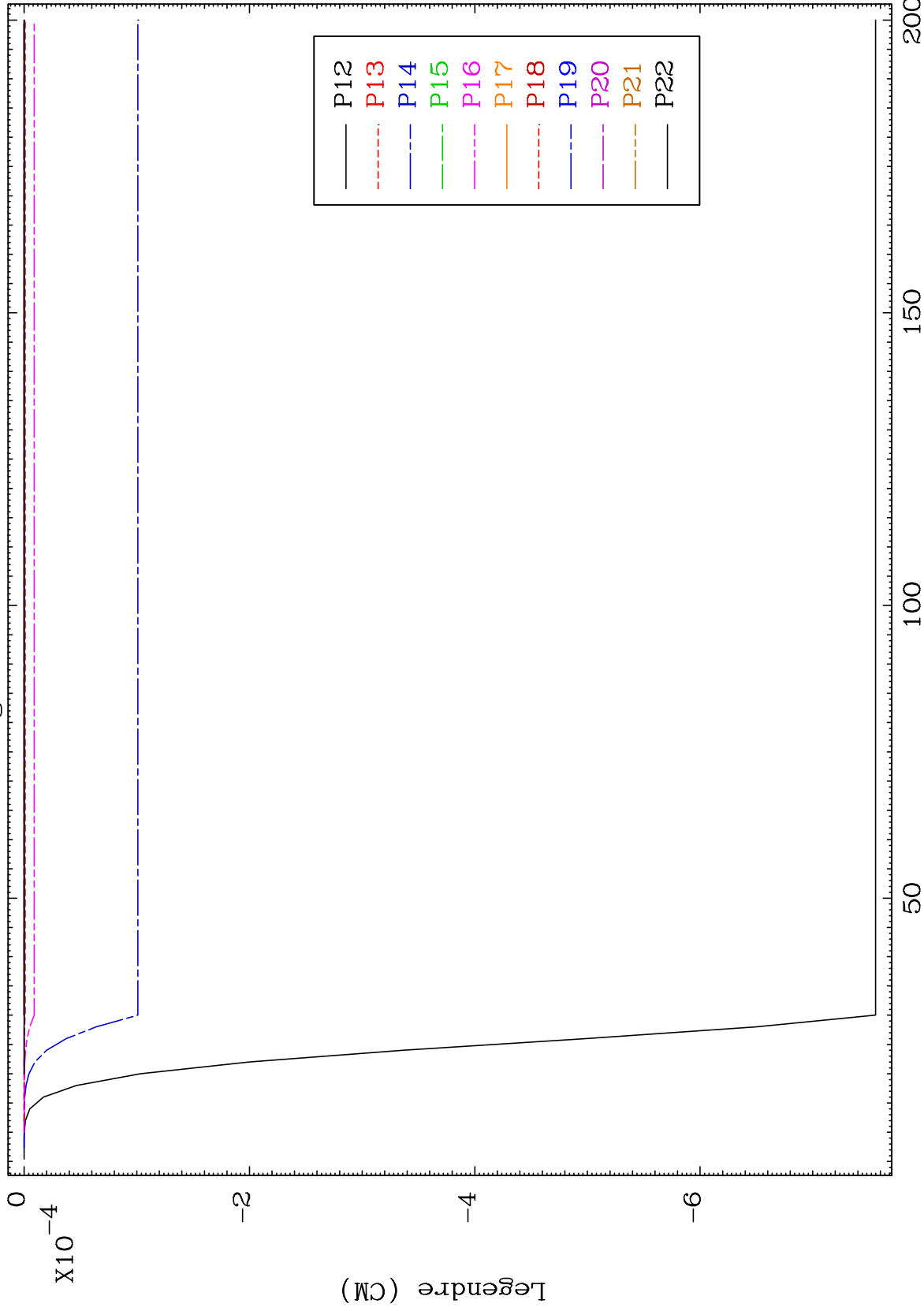
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42

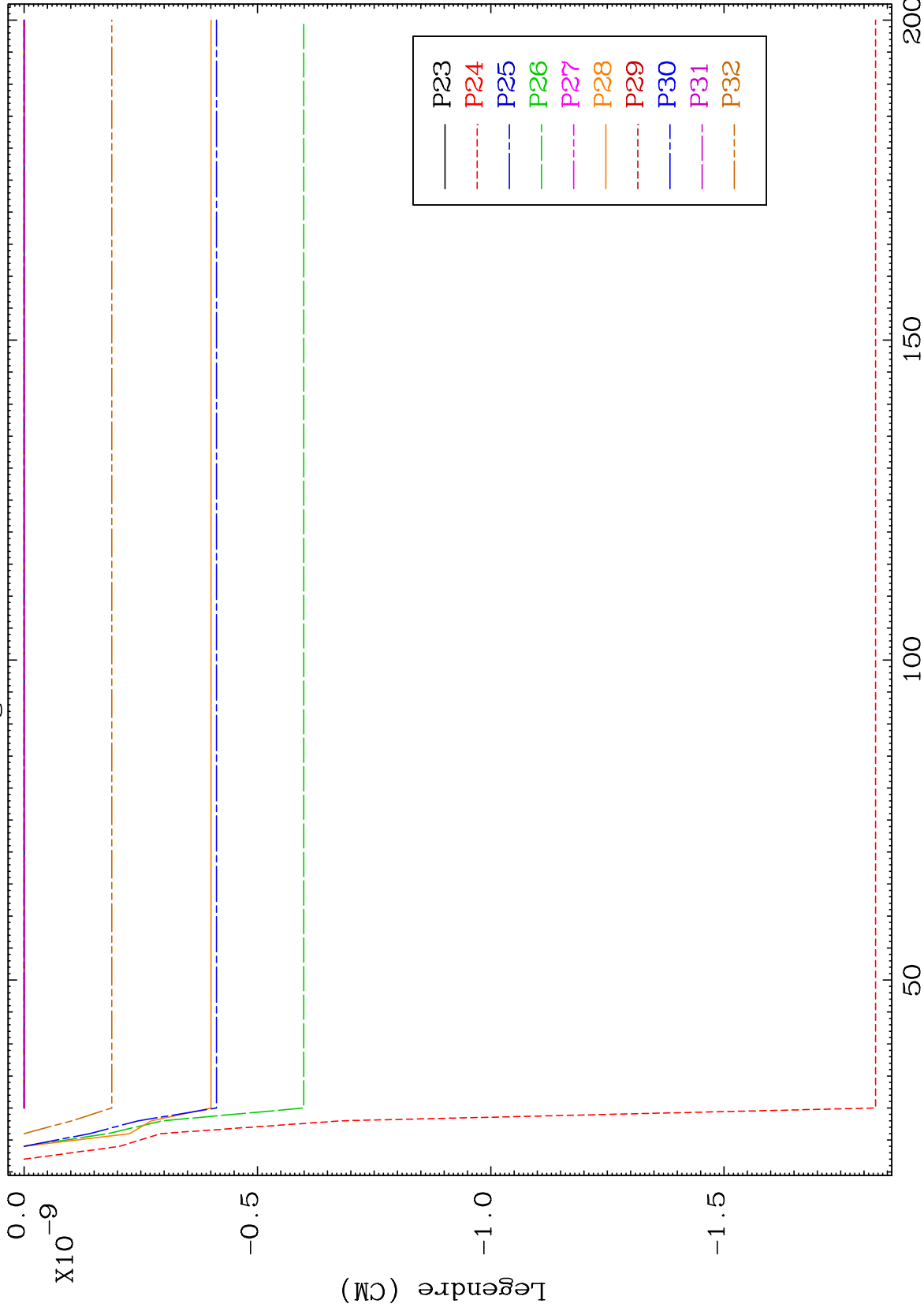


41

Incident Energy (MeV)

18-Ar-42

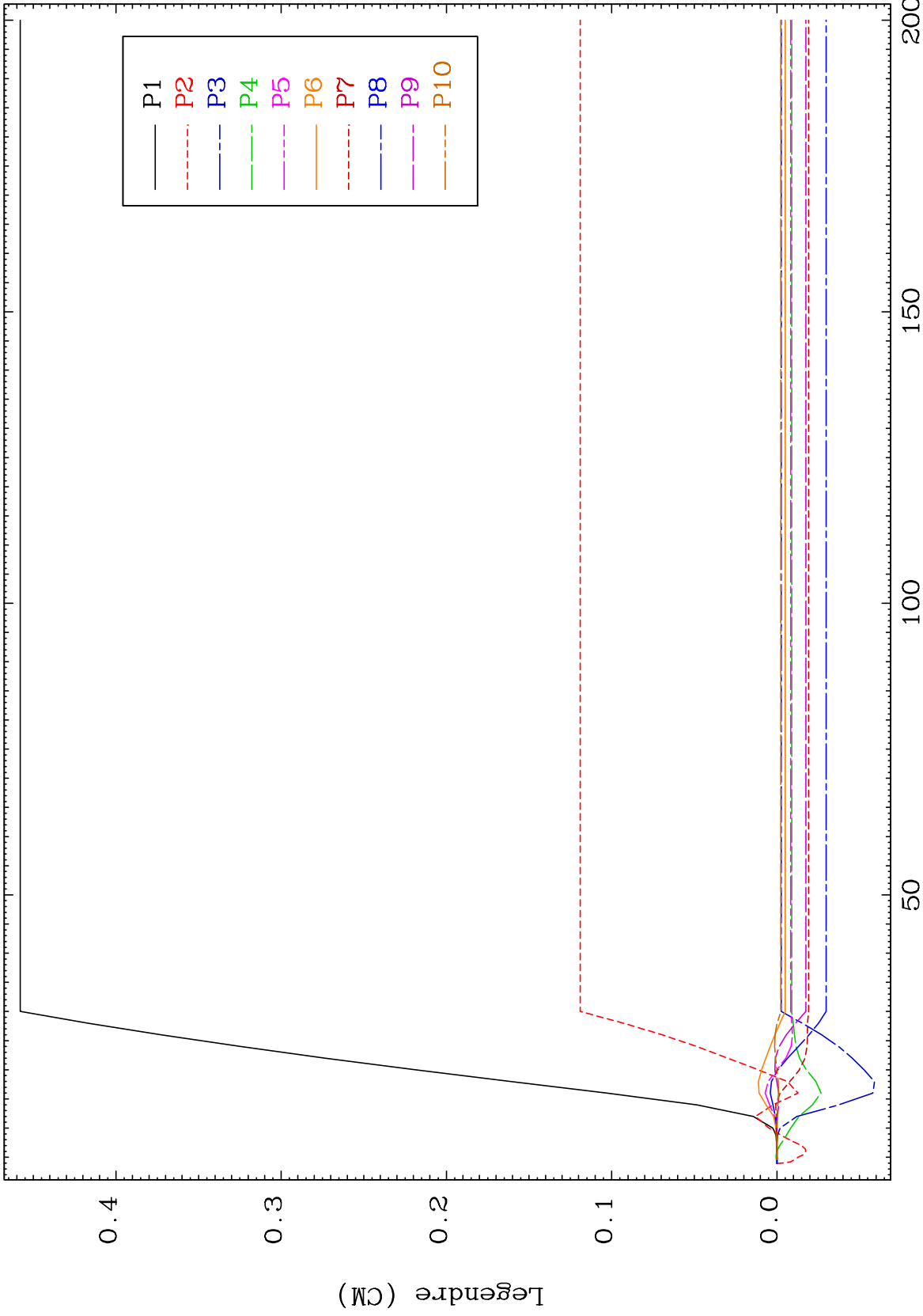
MAT 1843 MT= 58 (n,n') Level Legendre Coefficients 18-Ar-42



MAT 1843

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

18-Ar-42



43

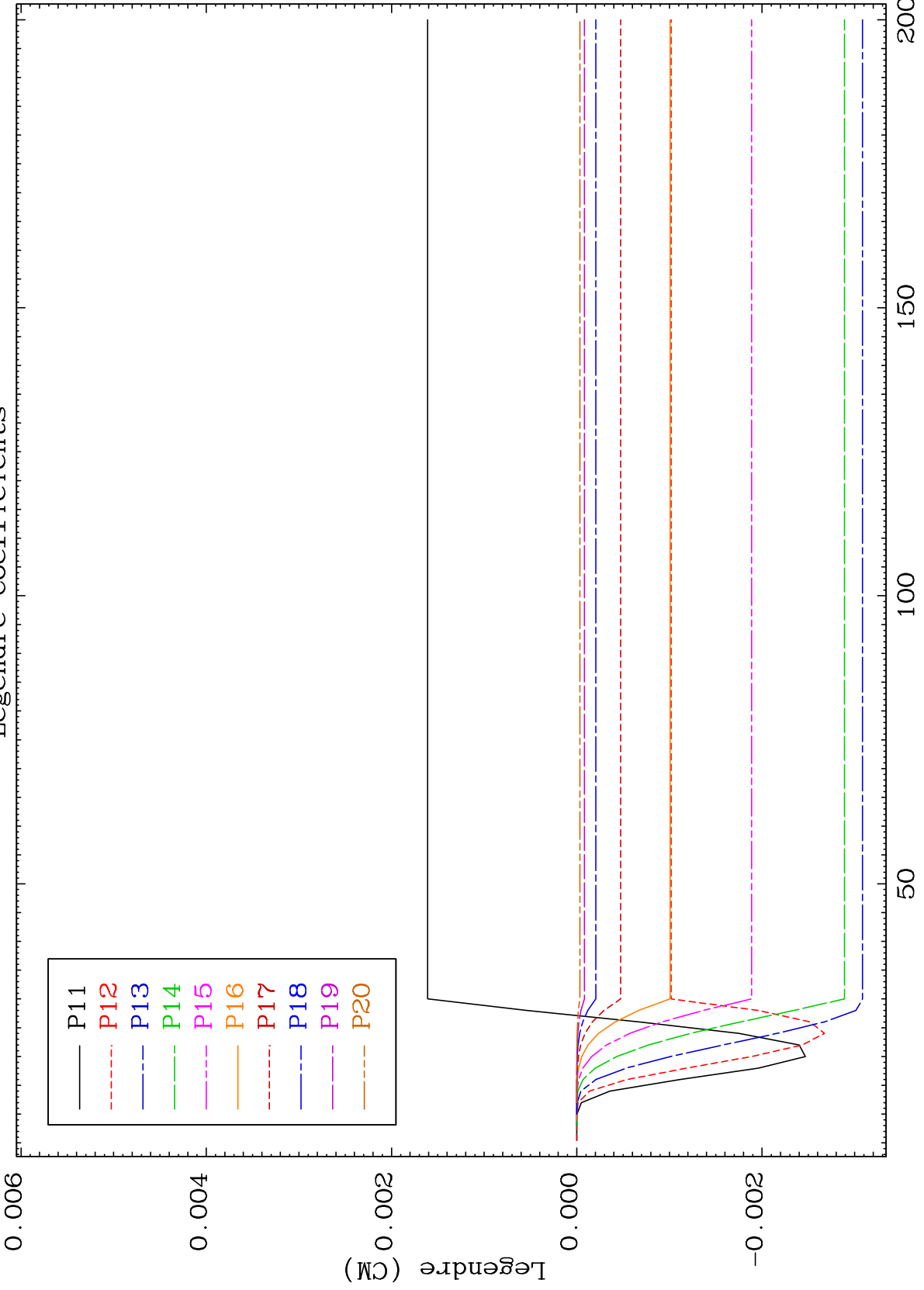
Incident Energy (MeV)

18-Ar-42

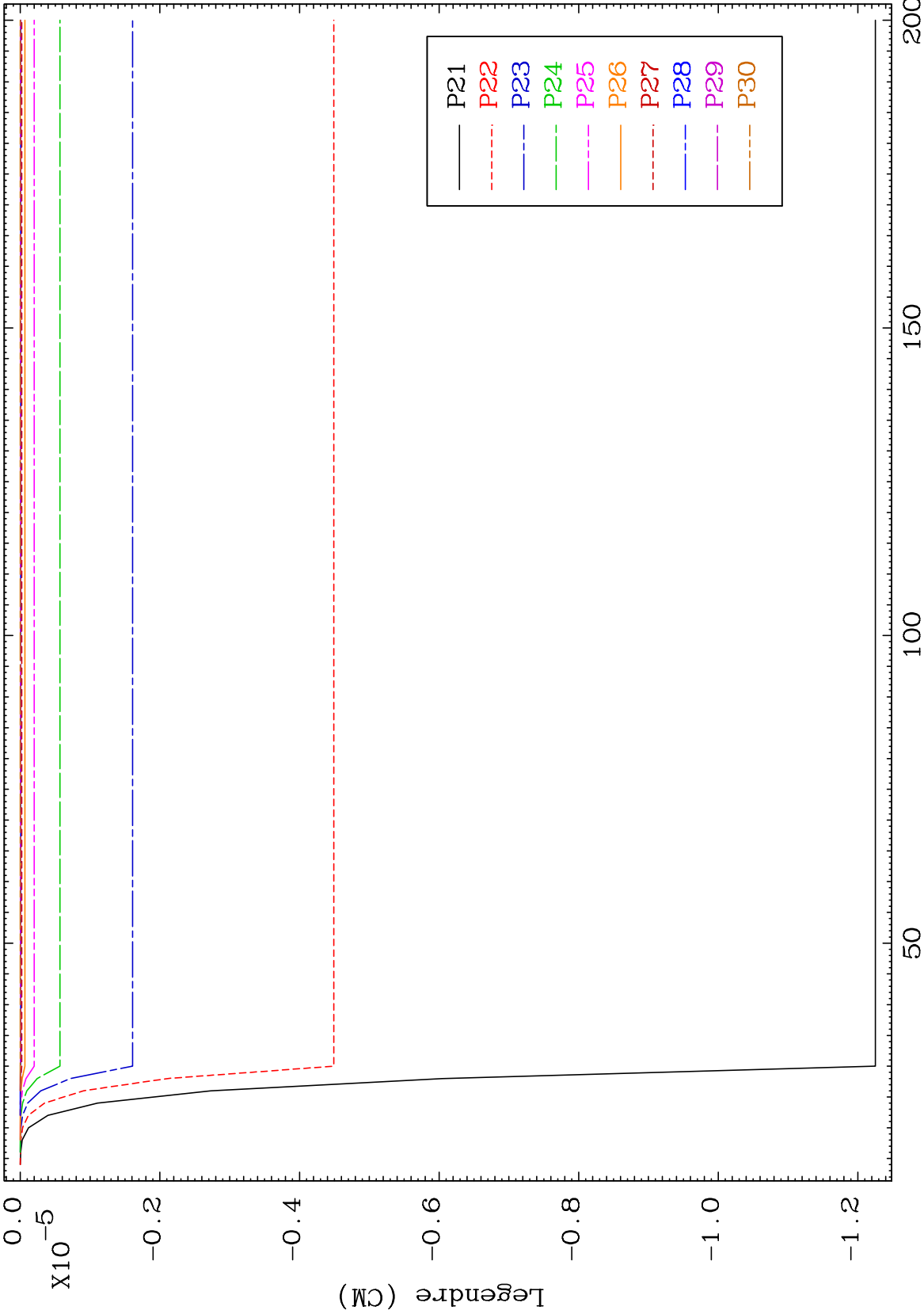
MAT 1843

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

18-Ar-42



MAT 1843 MT= 59 (n,n') Level Legendre Coefficients 18-Ar-42

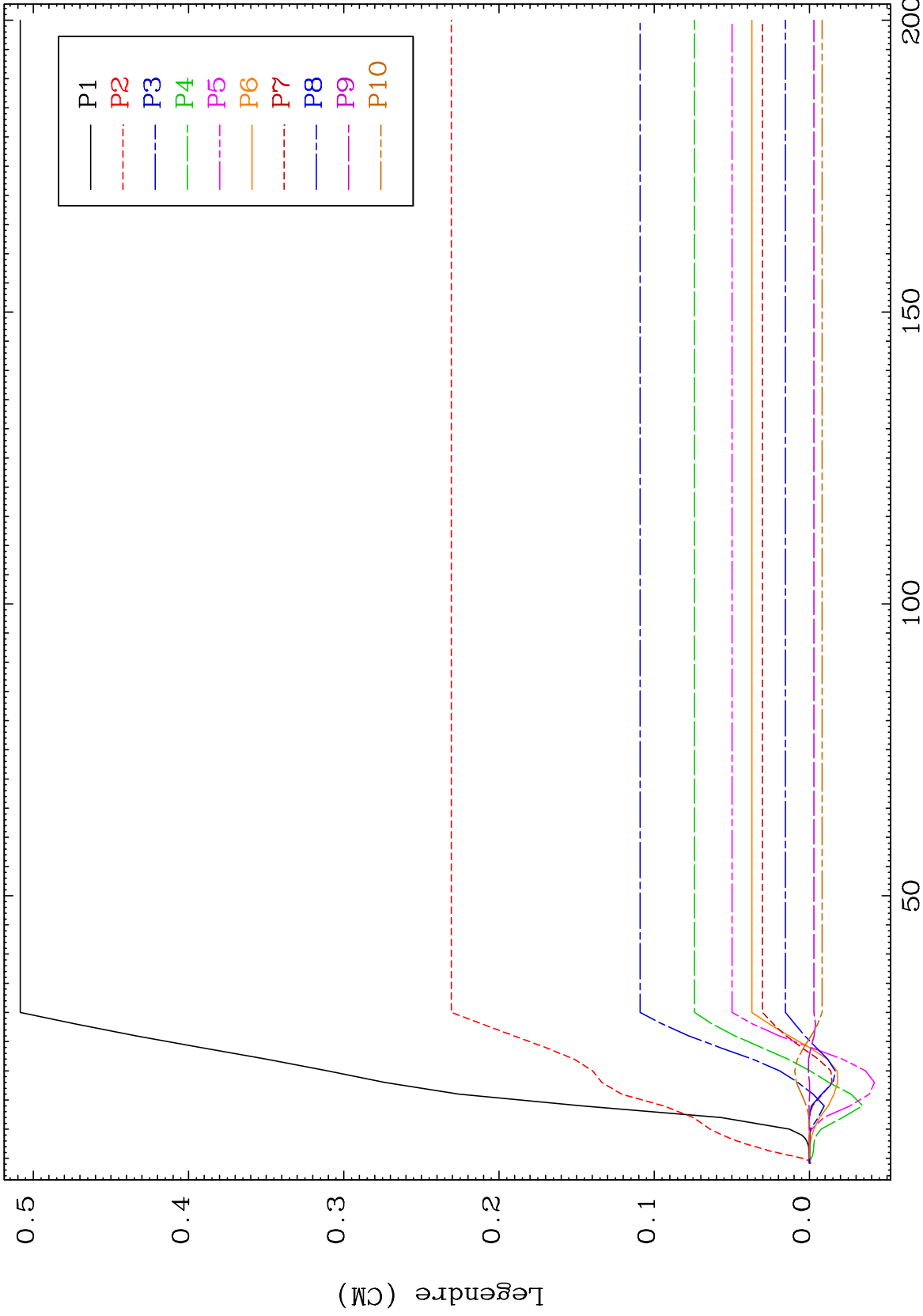


45 Incident Energy (MeV) 18-Ar-42

MAT 1843

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

18-Ar-42



46

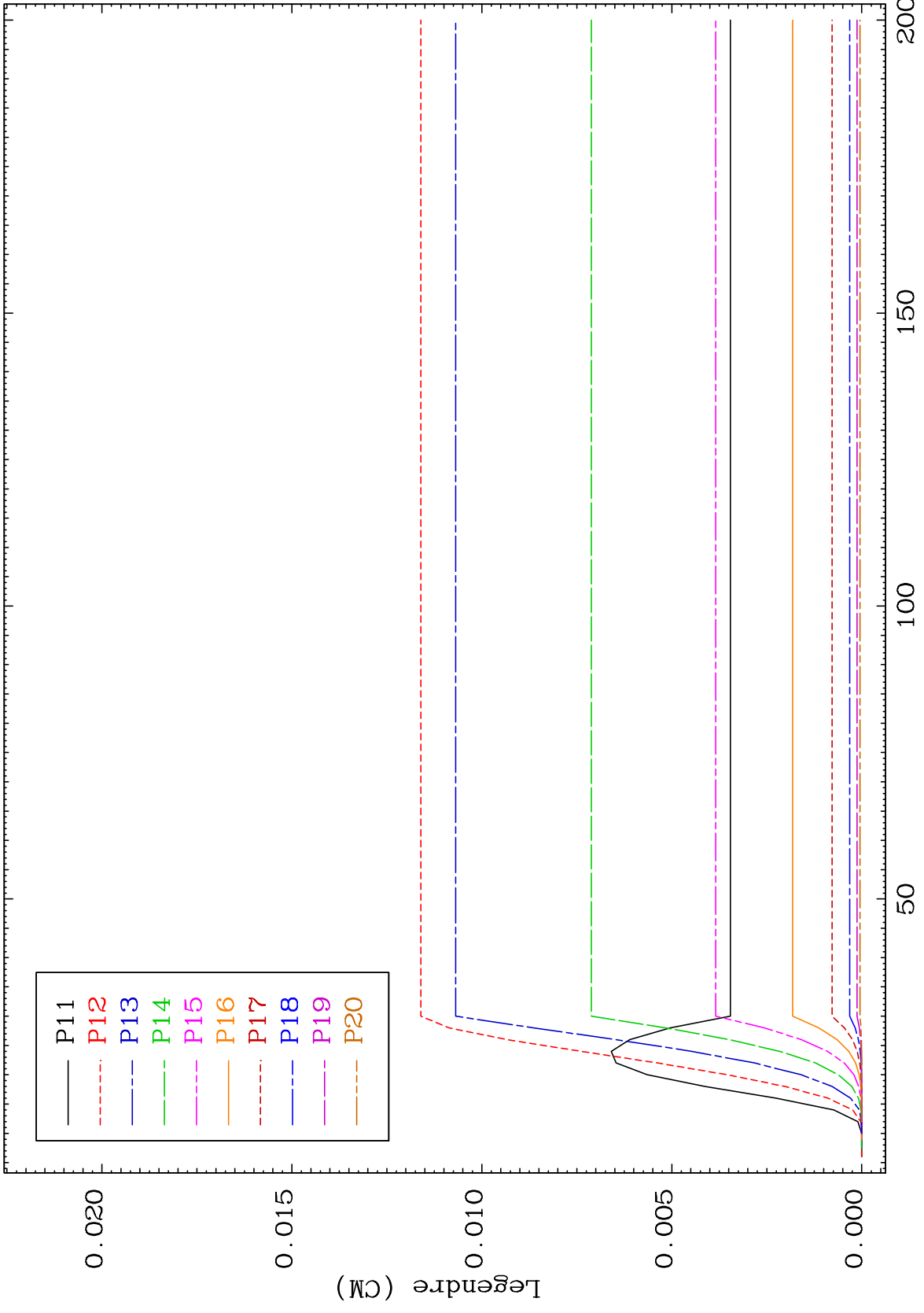
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



47

Incident Energy (MeV)

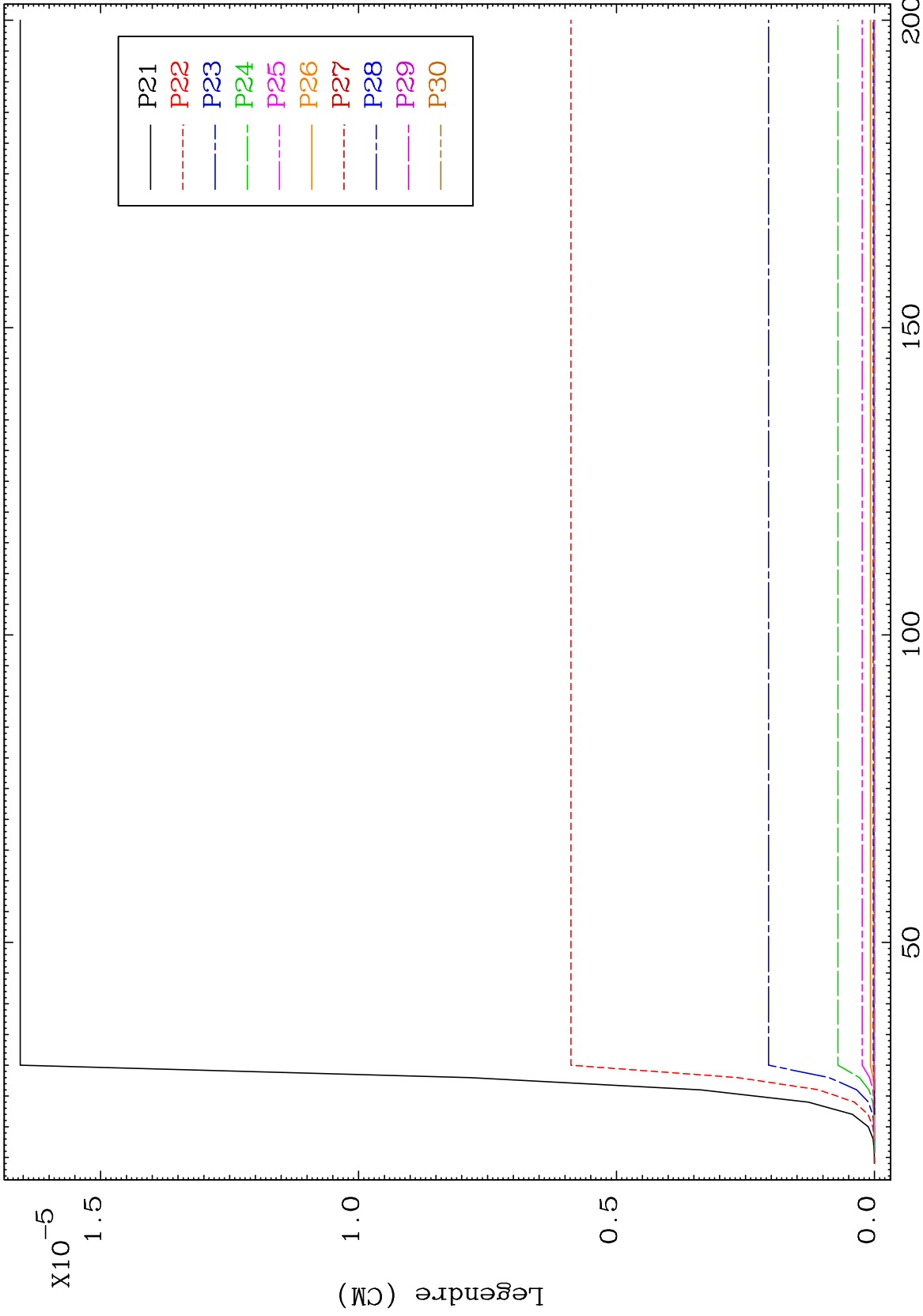
18-Ar-42



MAT 1843

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

18-Ar-42

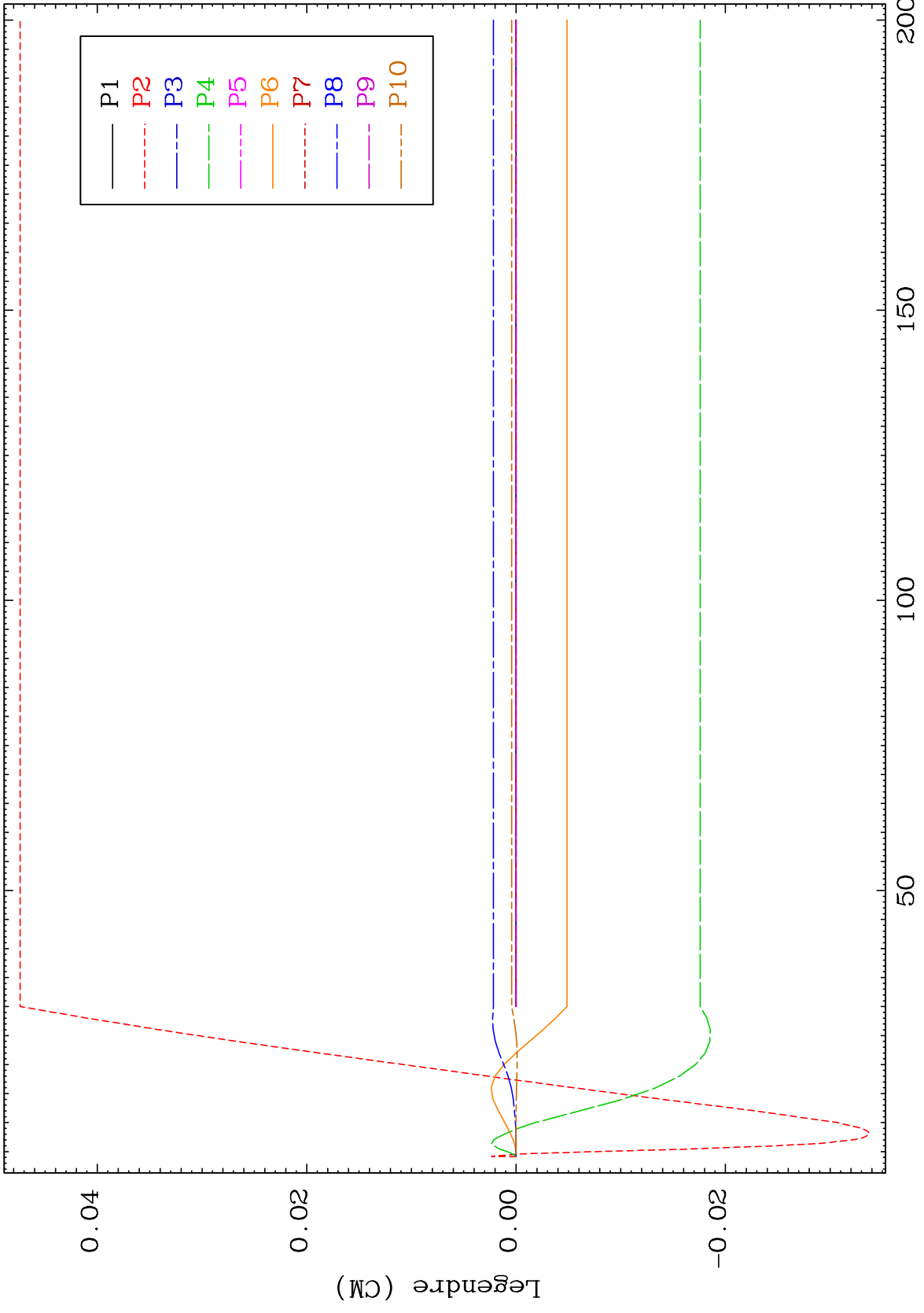


48

Incident Energy (MeV)

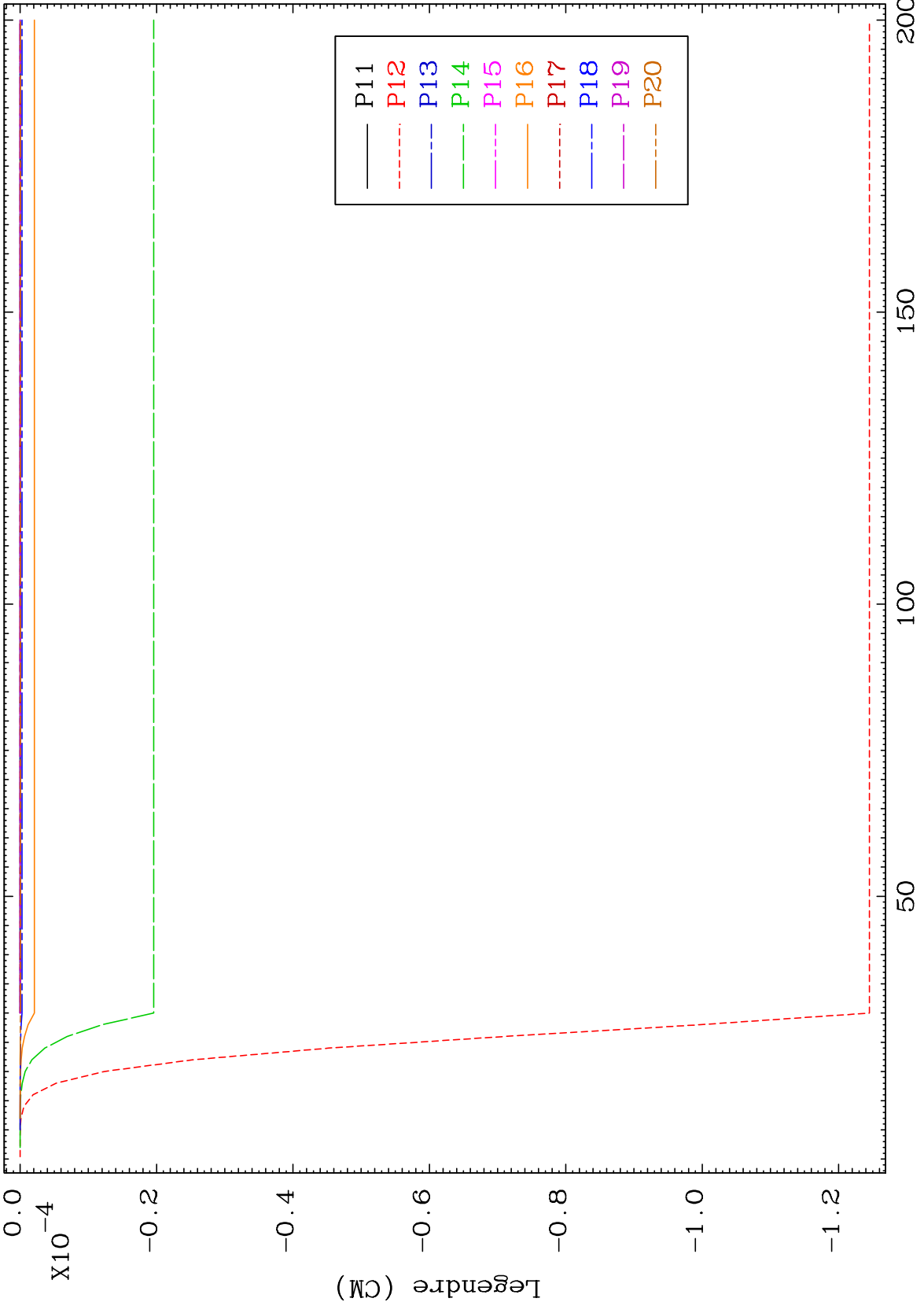
18-Ar-42

MAT 1843 MT= 61 (n,n') Level Legendre Coefficients 18-Ar-42



49 Incident Energy (MeV) 18-Ar-42

MAT 1843 MT= 61 (n,n') Level Legendre Coefficients 18-Ar-42

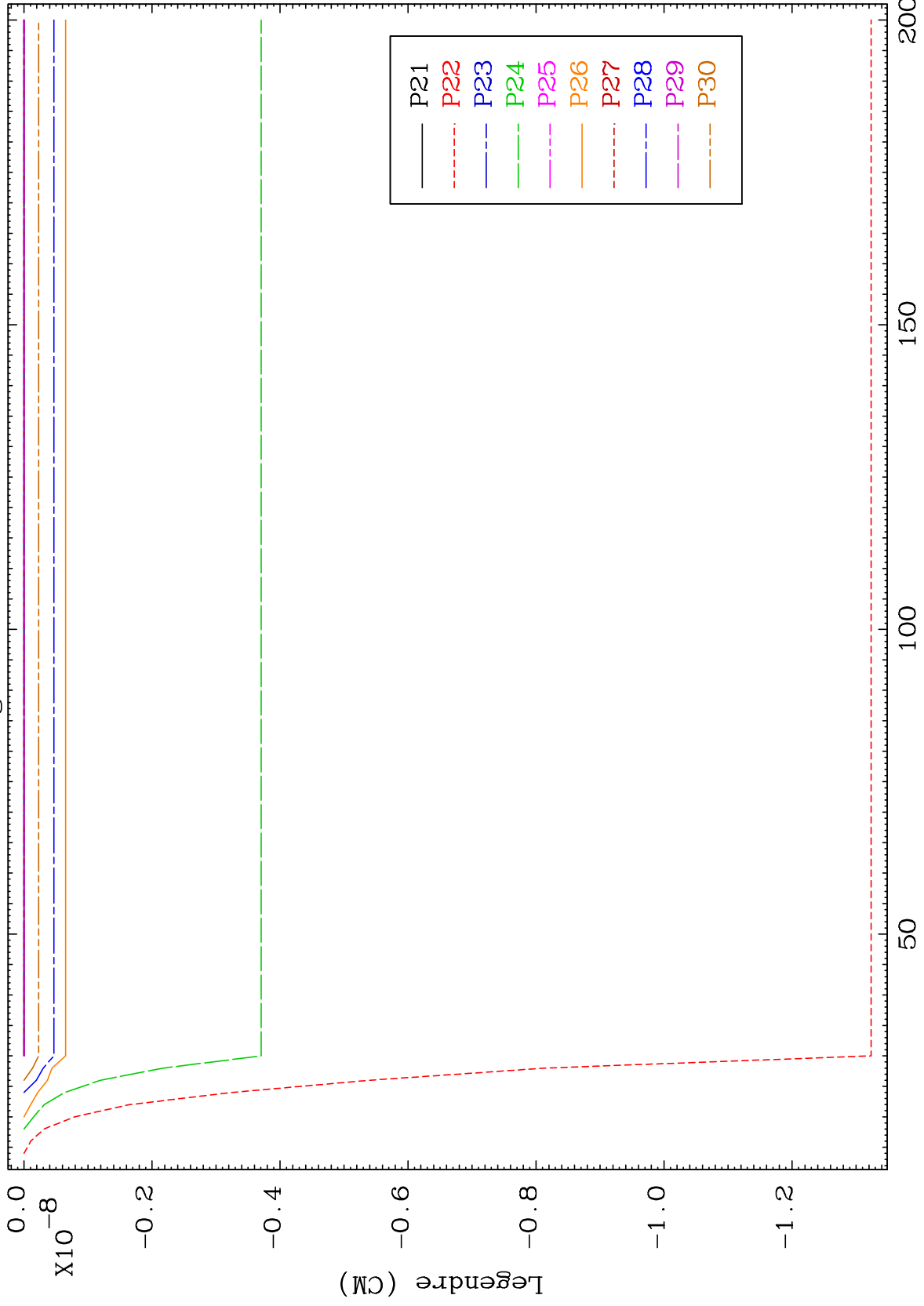


50 100 150 200 18-Ar-42

MAT 1843

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

18-Ar-42



18-Ar-42

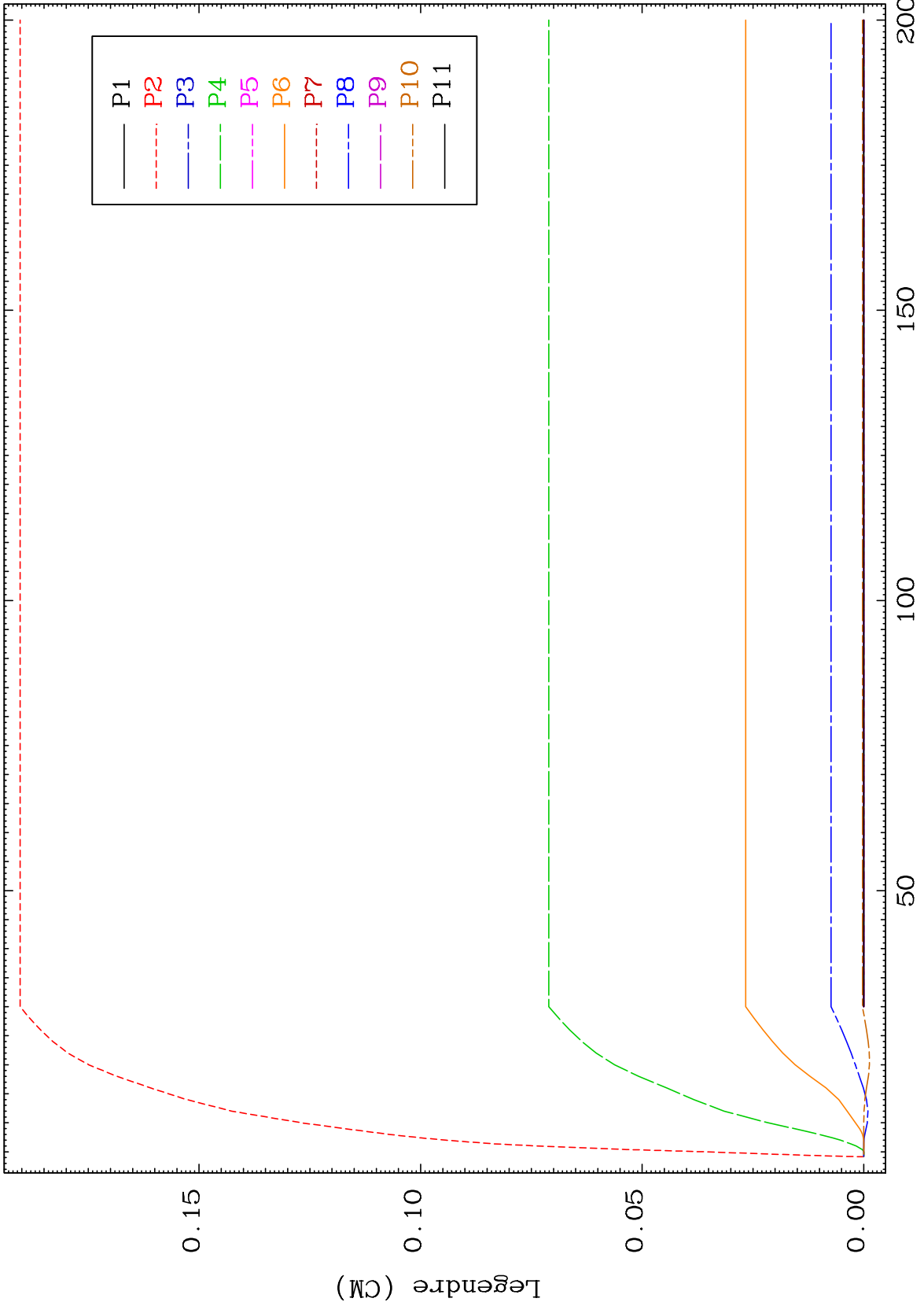
Incident Energy (MeV)

51

MAT 1843

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

18-Ar-42



52

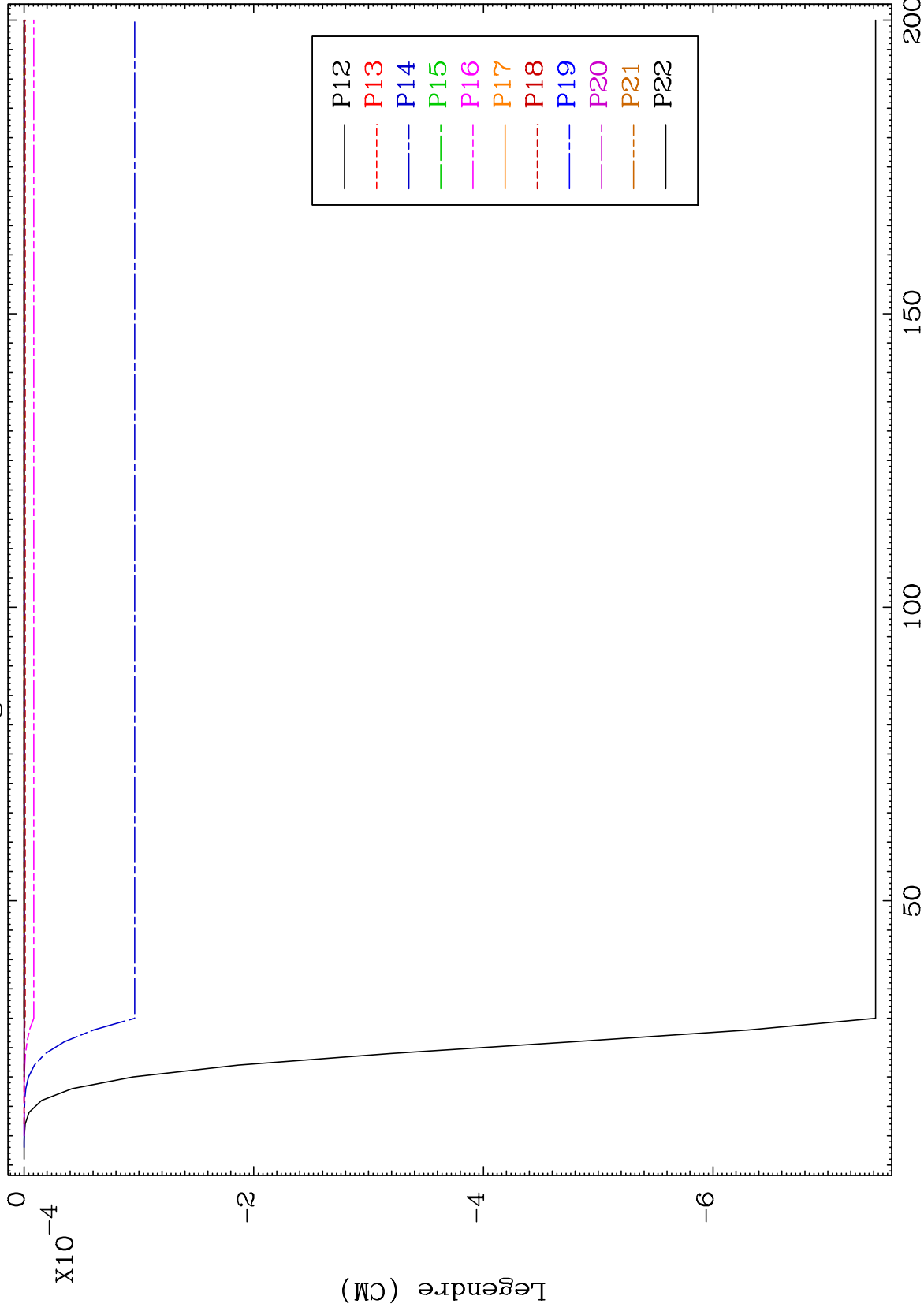
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

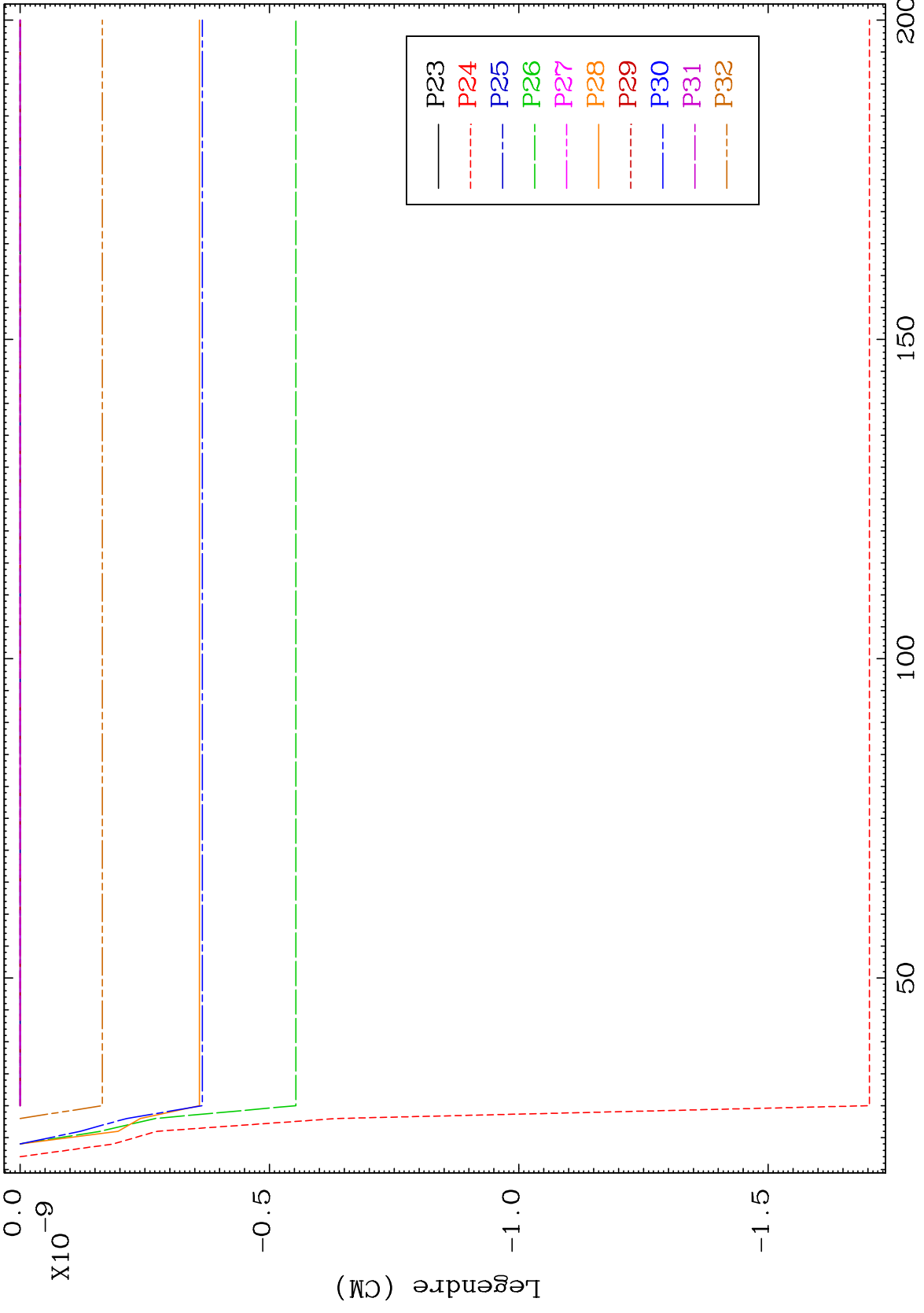
18-Ar-42



53

18-Ar-42

MAT 1843 MT= 62 (n,n') Level Legendre Coefficients 18-Ar-42

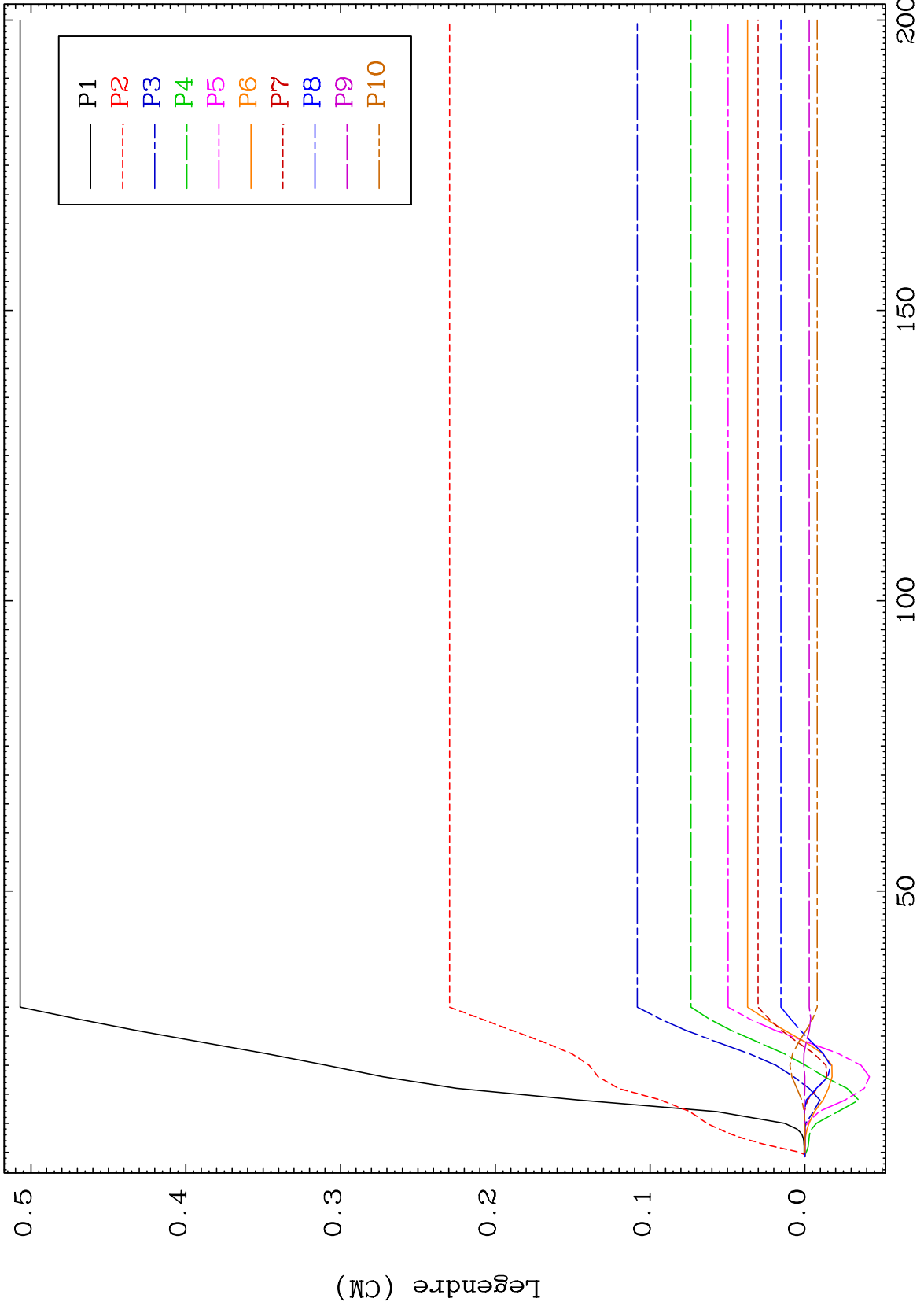


54 Incident Energy (MeV) 18-Ar-42

MAT 1843

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

18-Ar-42



55

Incident Energy (MeV)

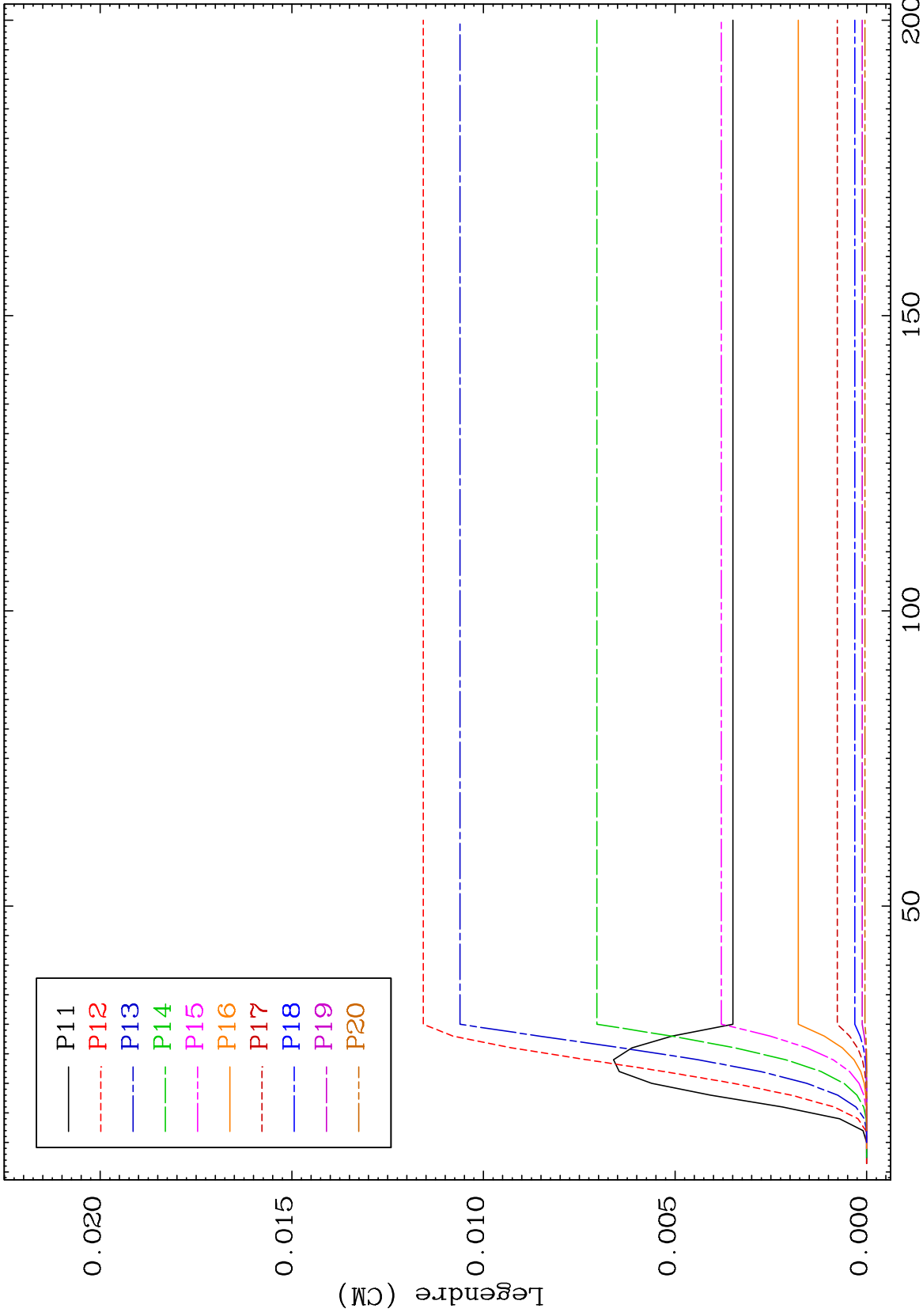
18-Ar-42



MAT 1843

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

18-Ar-42



56

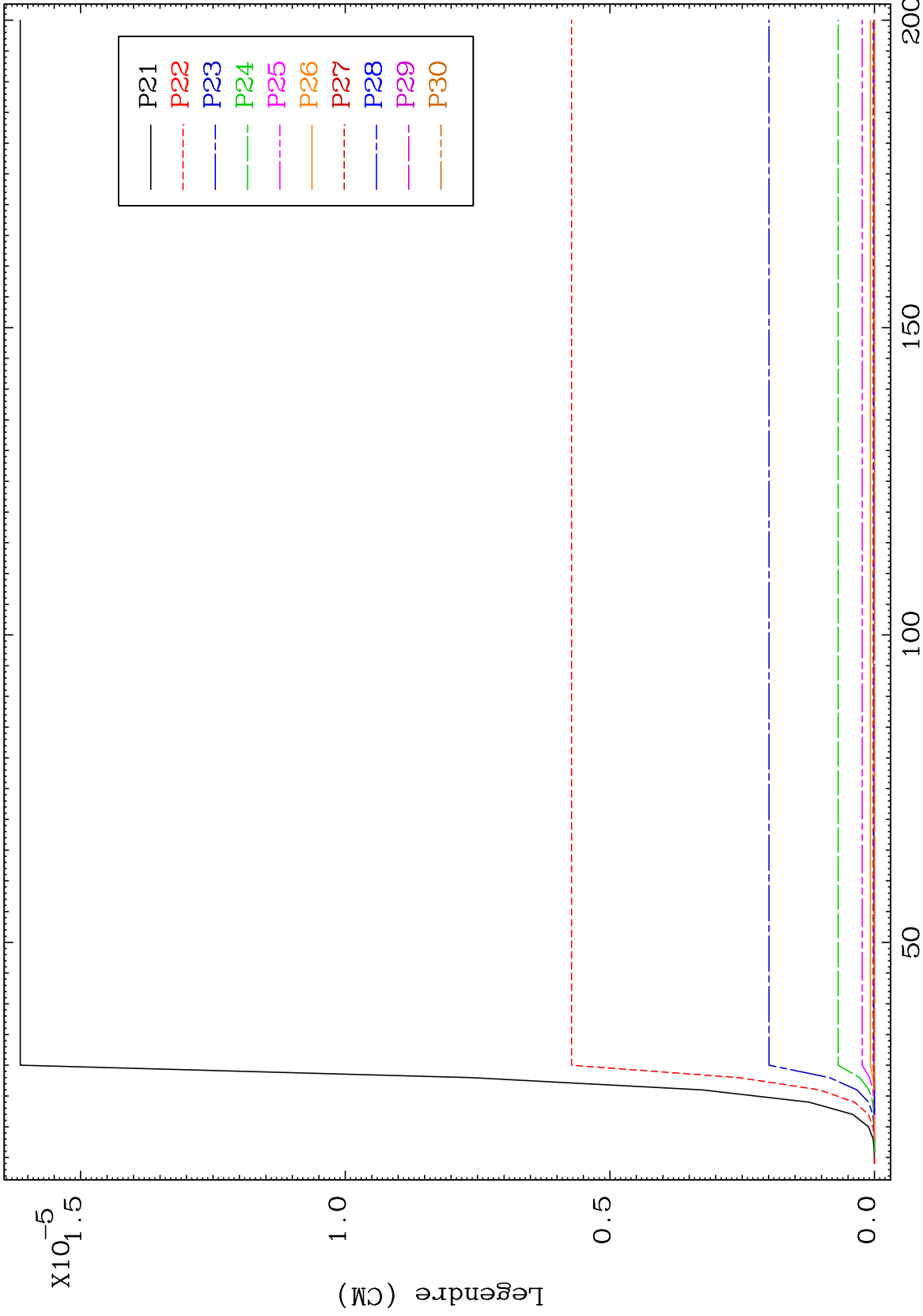
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42

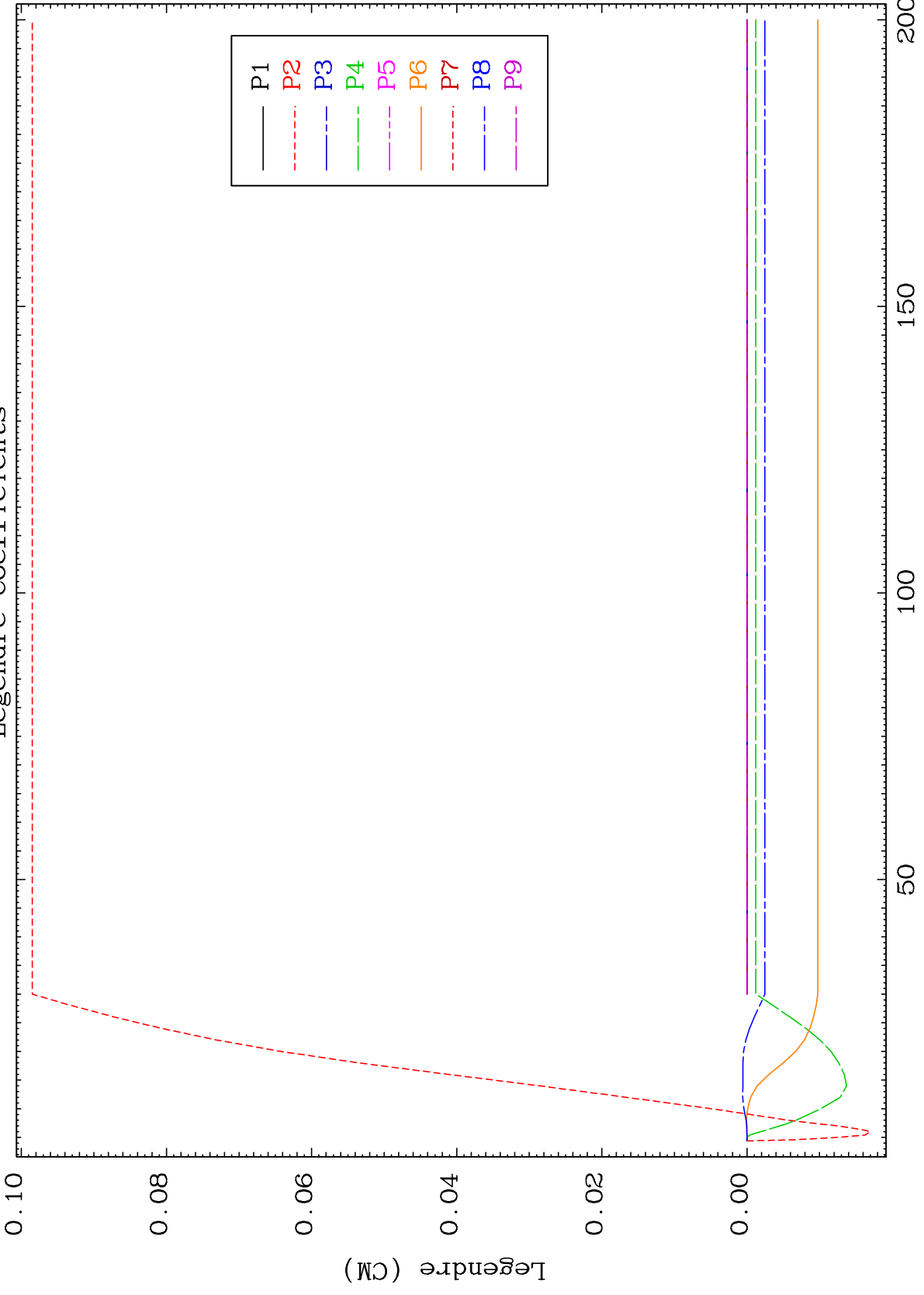


57

Incident Energy (MeV)

18-Ar-42

MAT 1843 MT= 64 (n,n') Level Legendre Coefficients 18-Ar-42

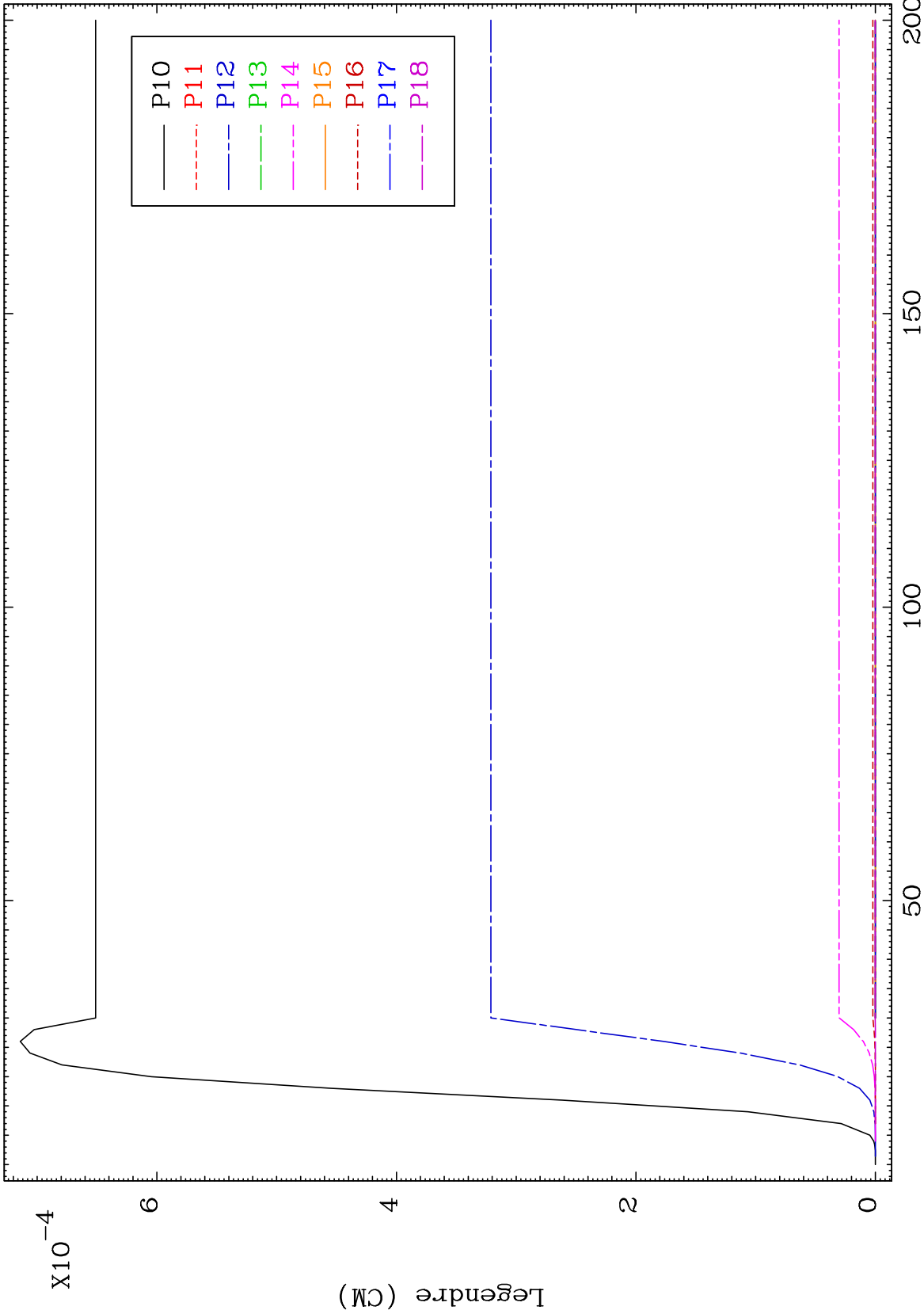


58 Incident Energy (MeV) 18-Ar-42

MAT 1843

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

18-Ar-42



59

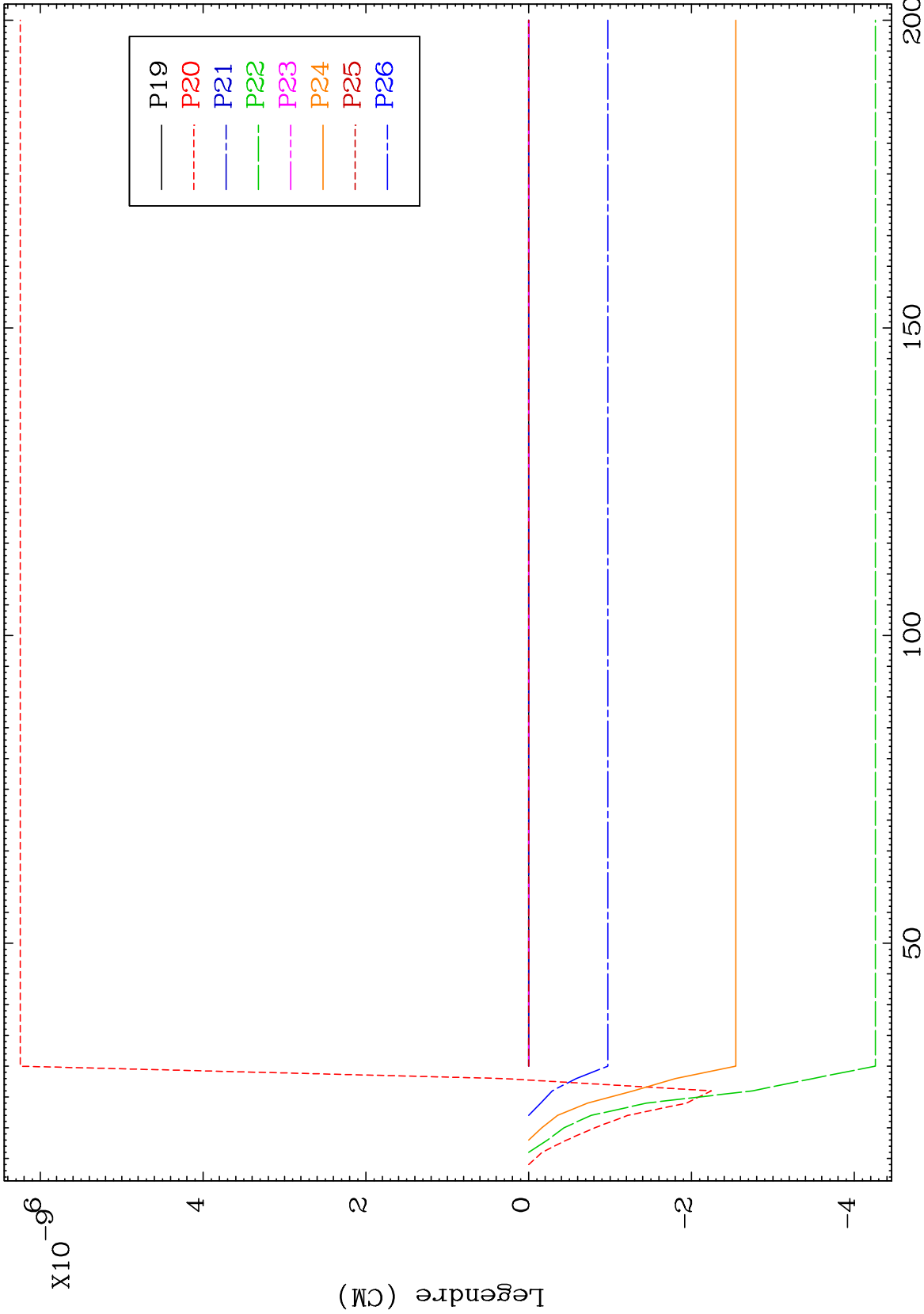
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



60

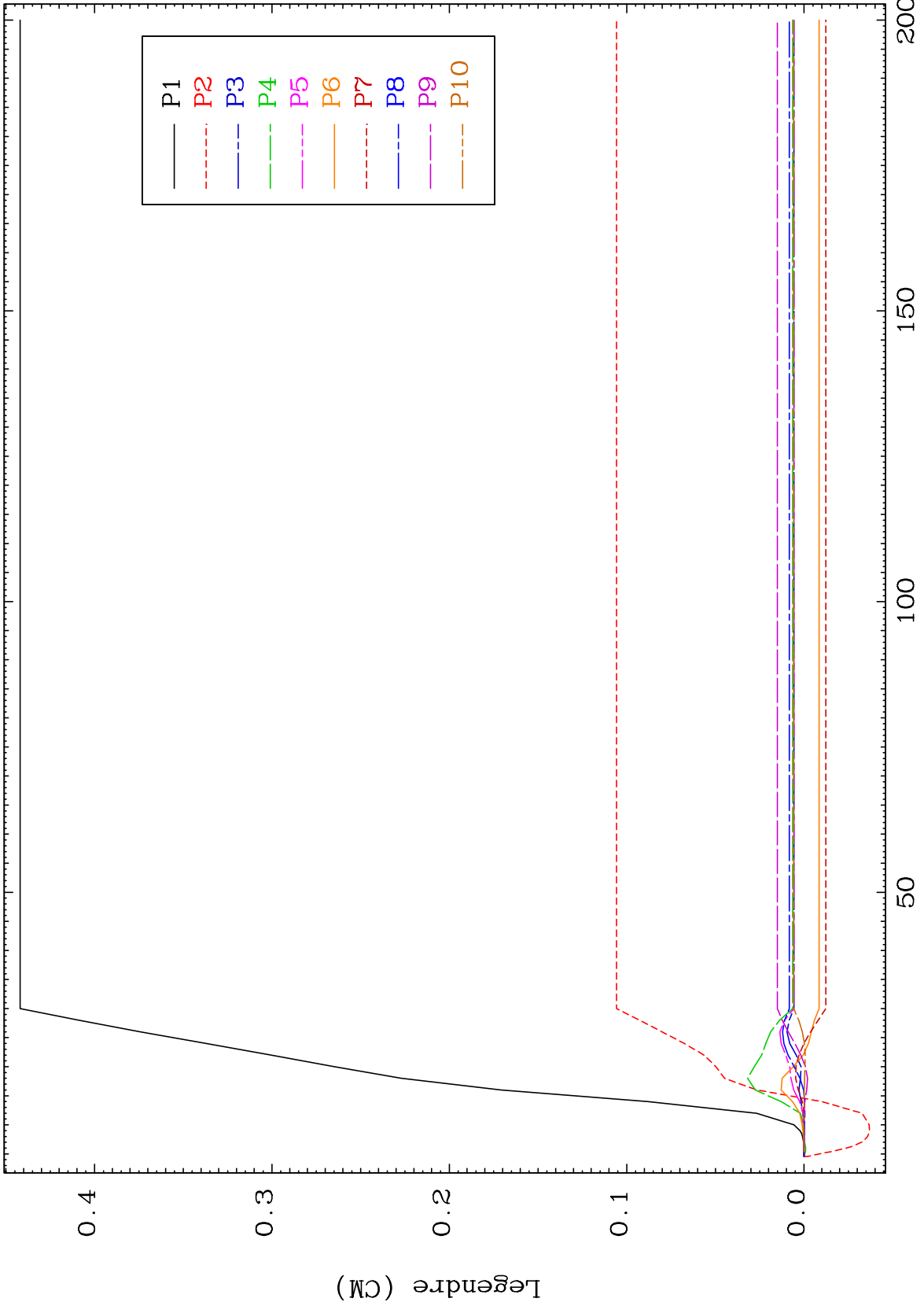
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



61

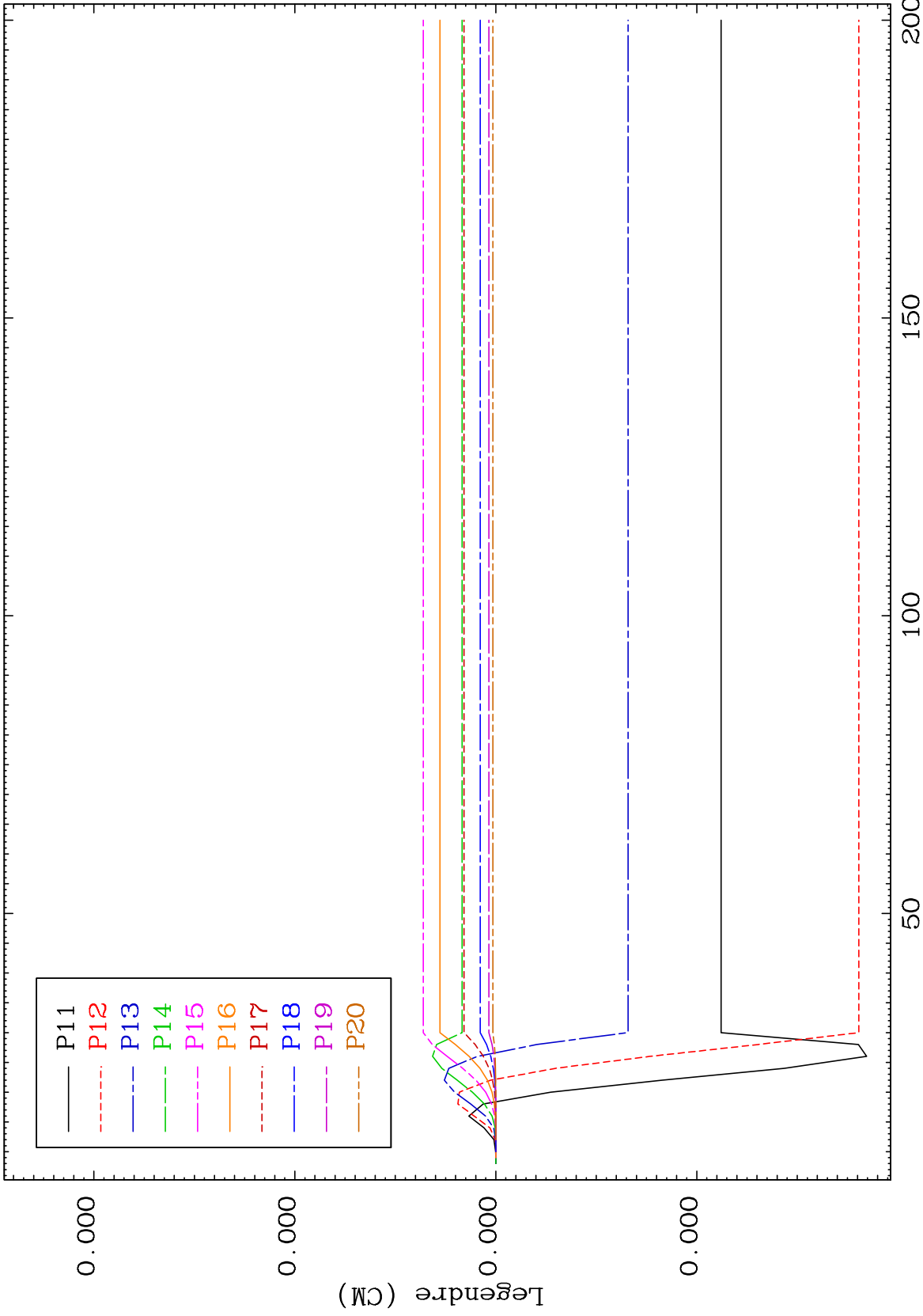
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



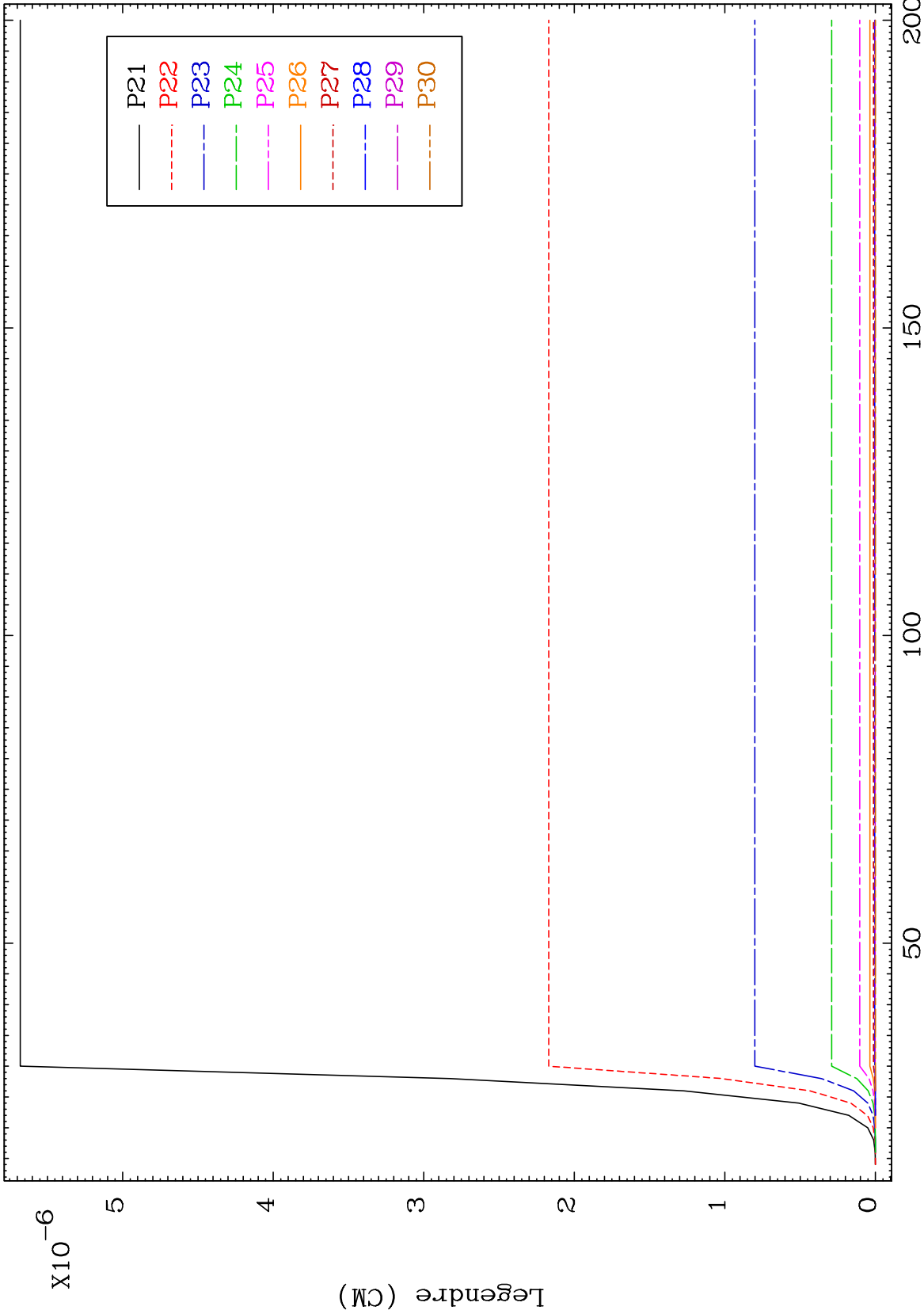
62

18-Ar-42

MAT 1843

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

18-Ar-42

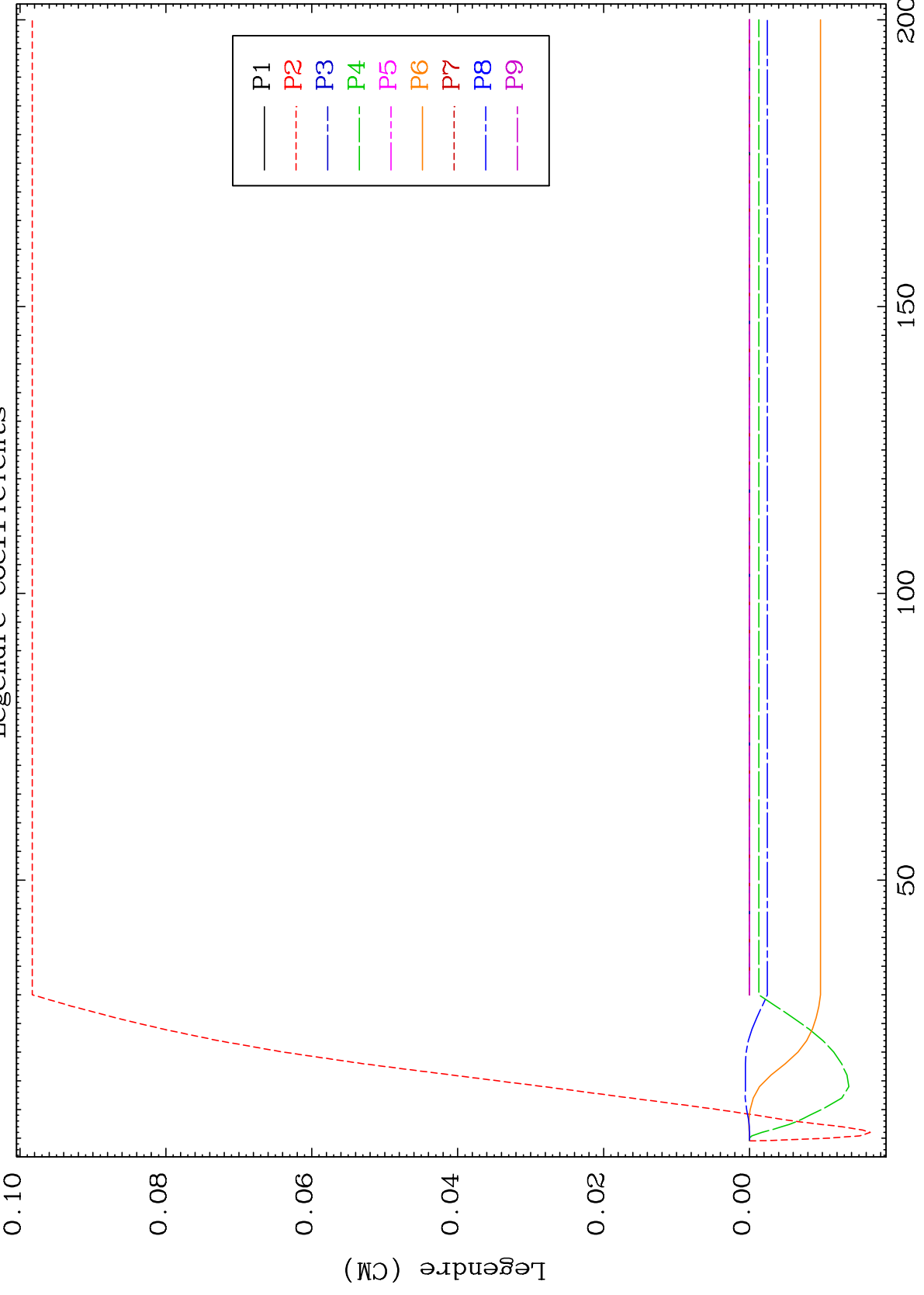


63

18-Ar-42



MAT 1843 MT= 66 (n,n') Level Legendre Coefficients 18-Ar-42

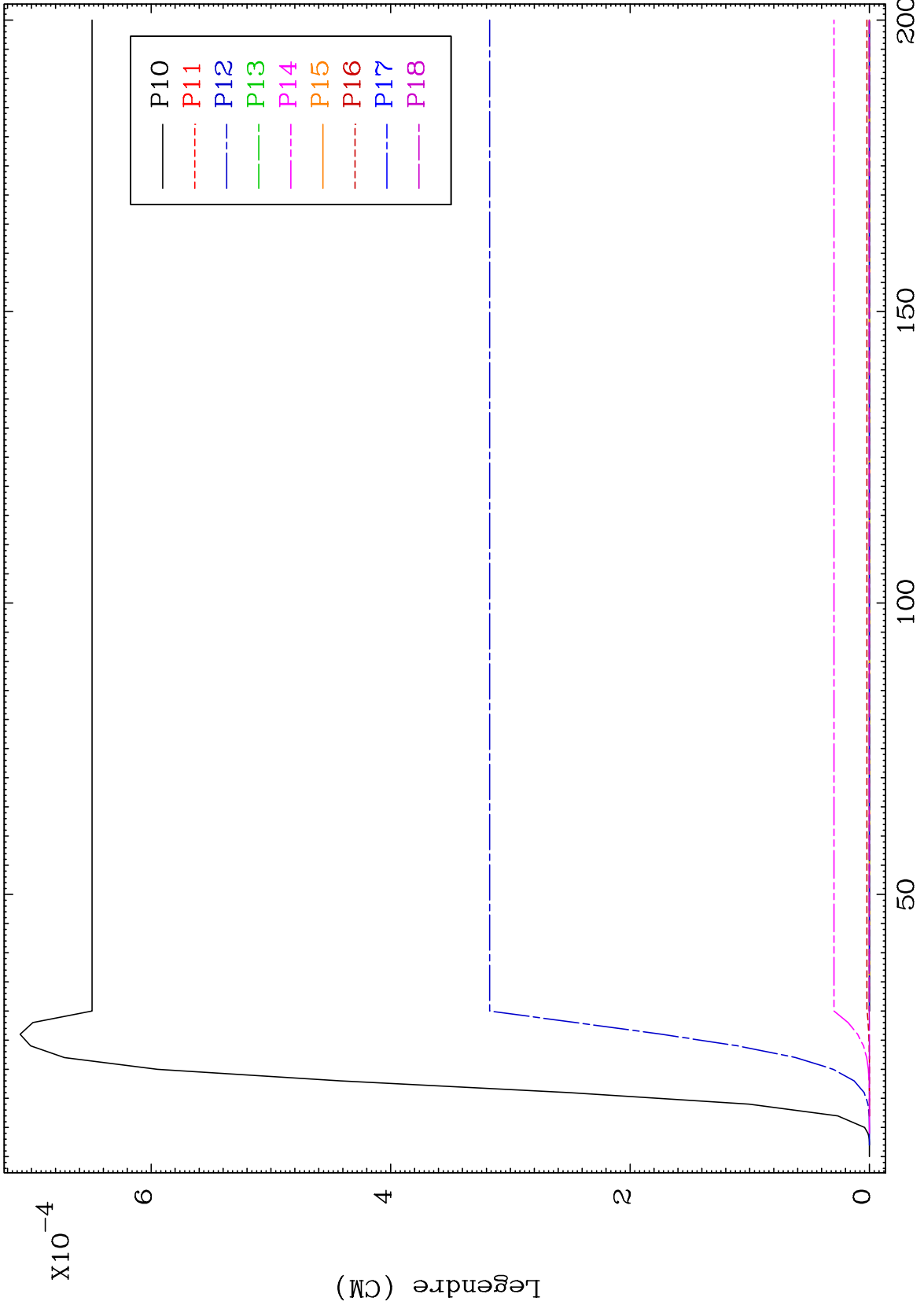


64 Incident Energy (MeV) 18-Ar-42

MAT 1843

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

18-Ar-42



65

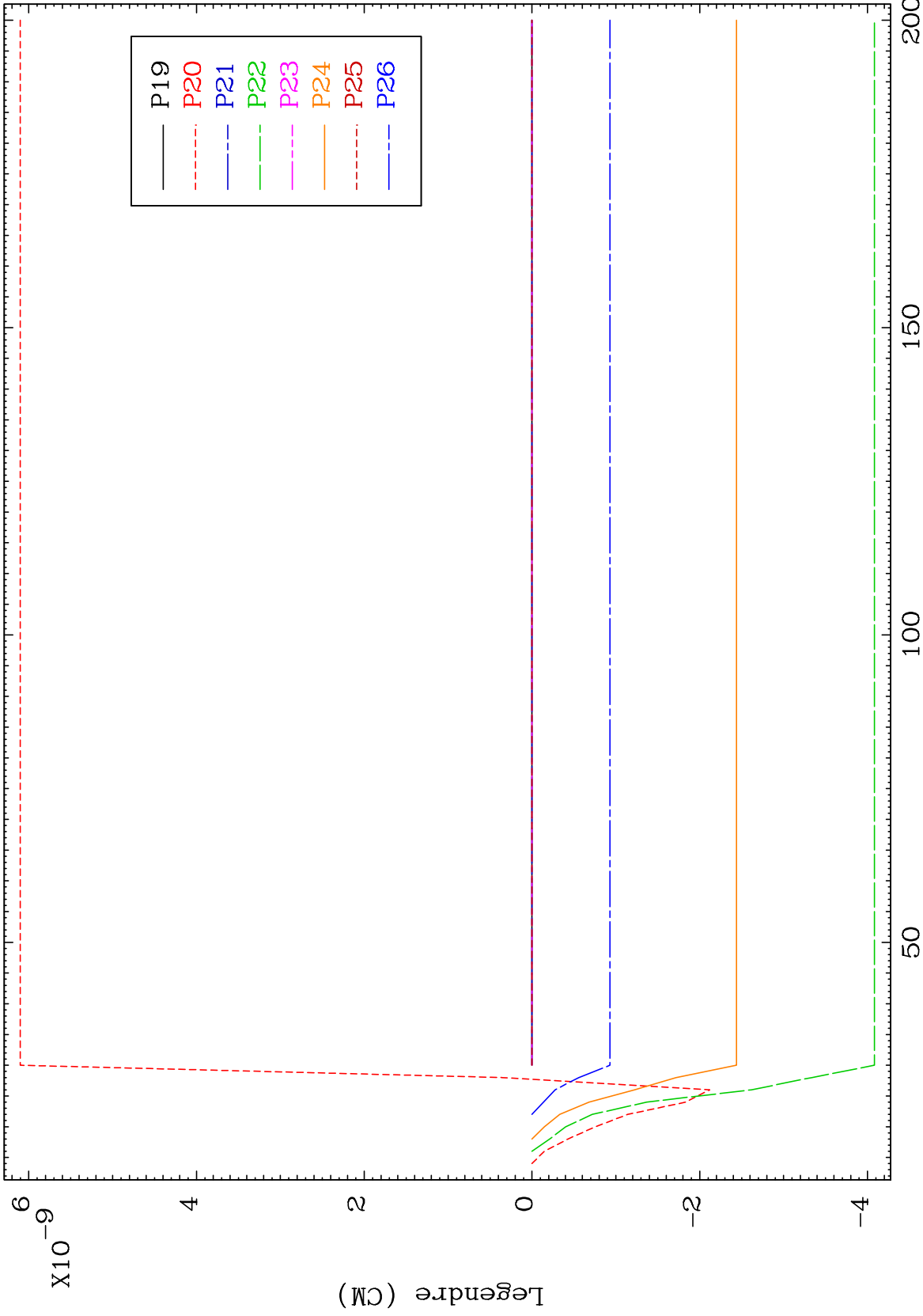
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42

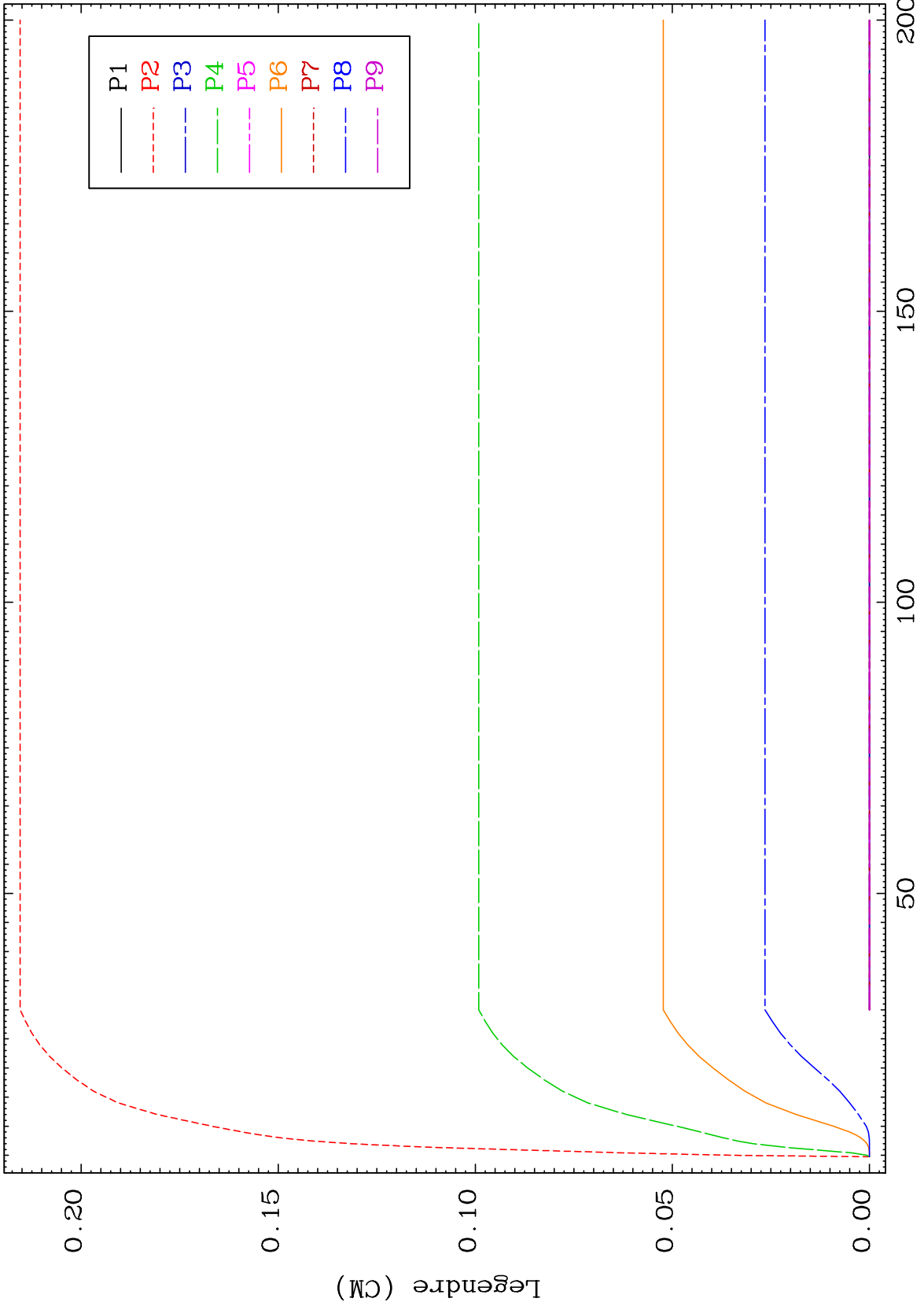


66

Incident Energy (MeV)

18-Ar-42

MAT 1843 MT= 67 (n,n') Level Legendre Coefficients 18-Ar-42

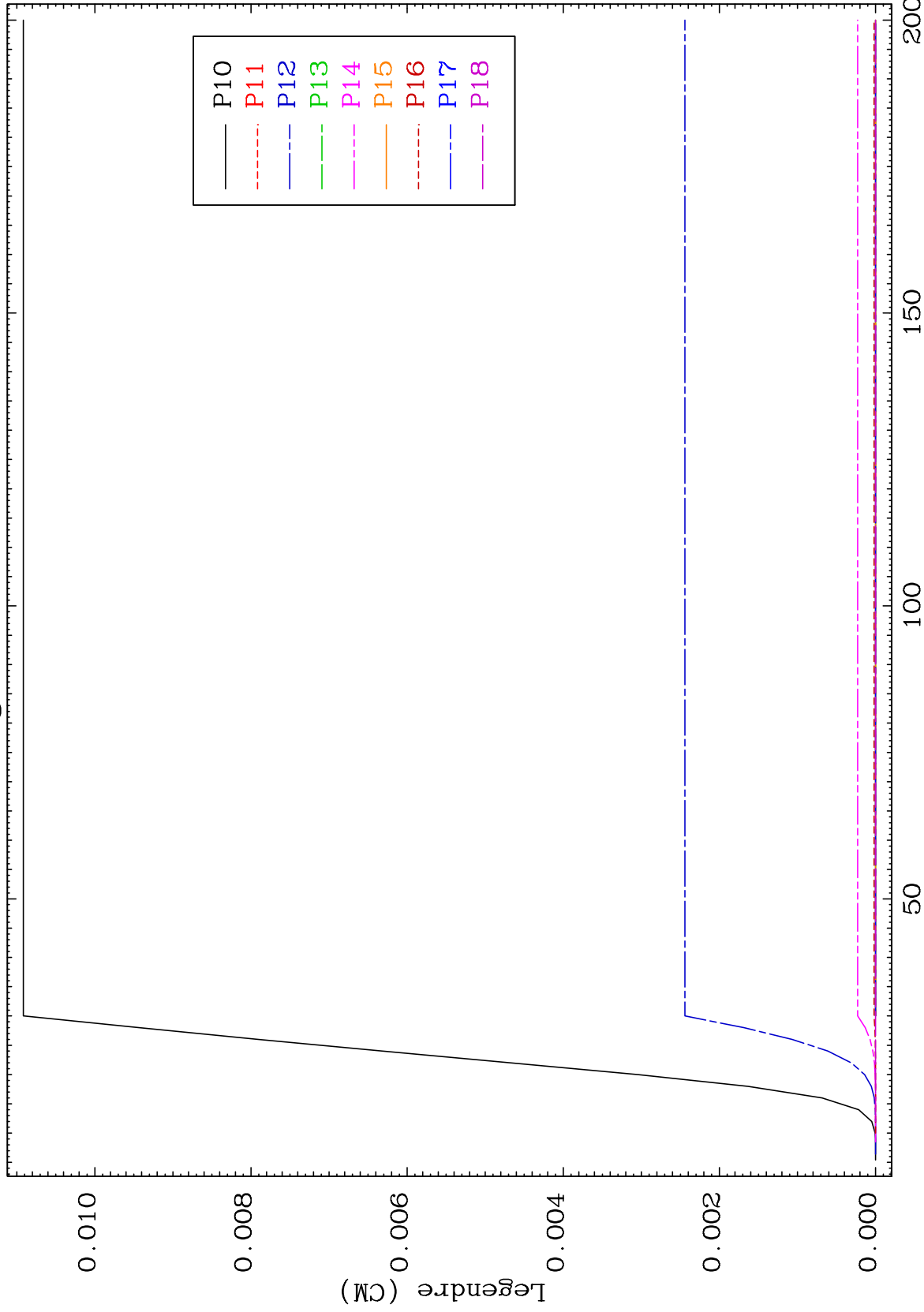


67 18-Ar-42

MAT 1843

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

18-Ar-42



68

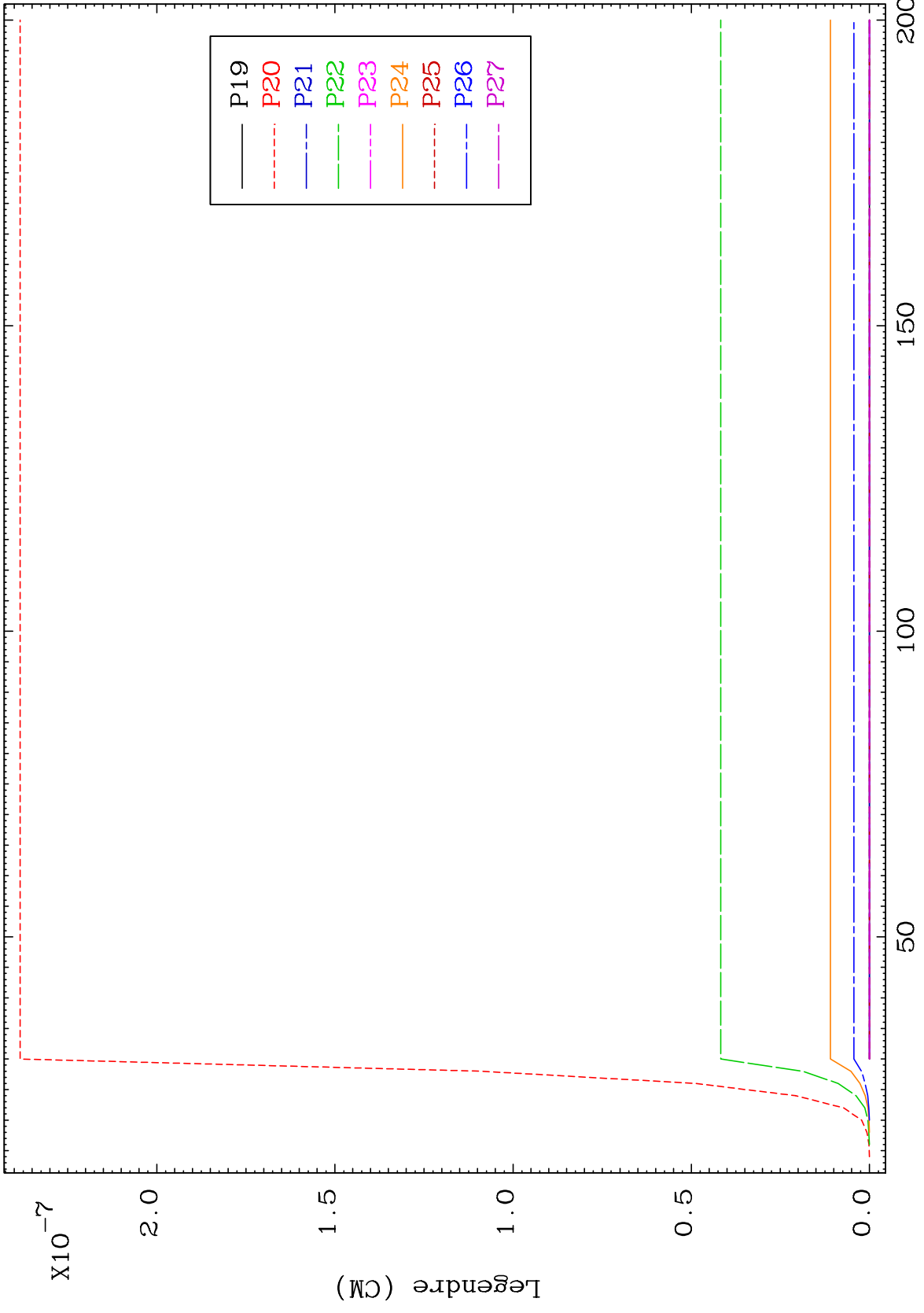
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



69

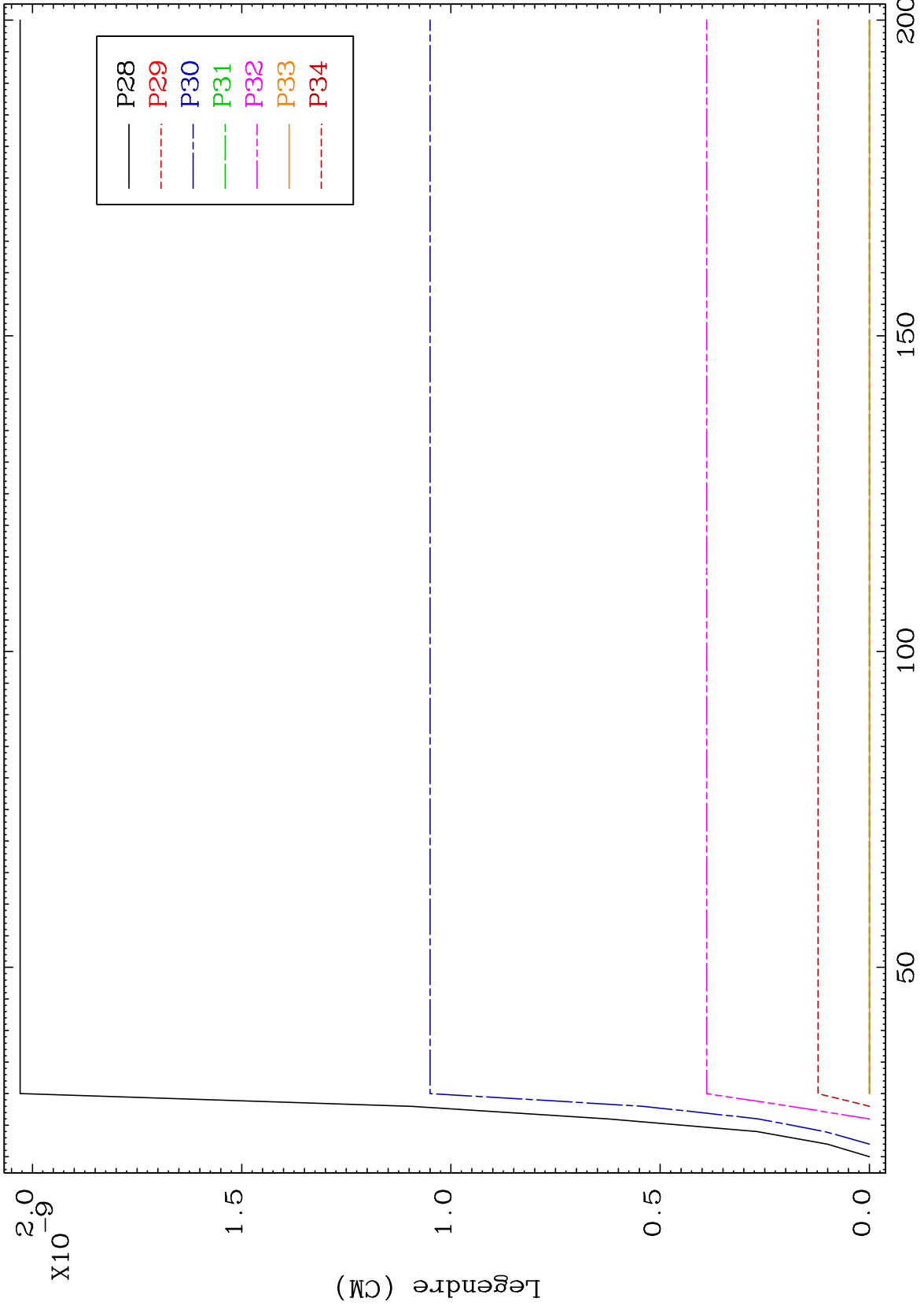
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



70

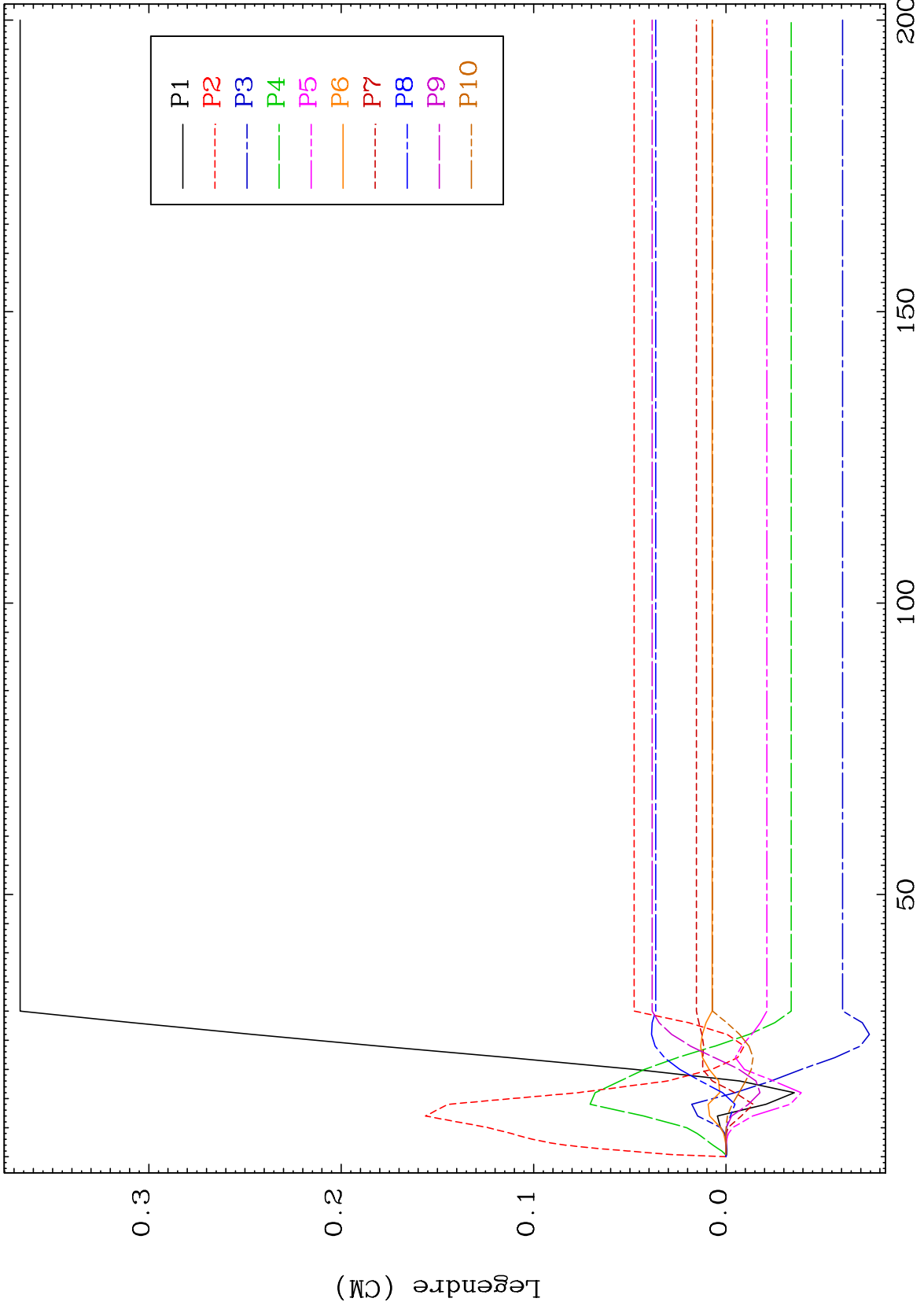
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



71

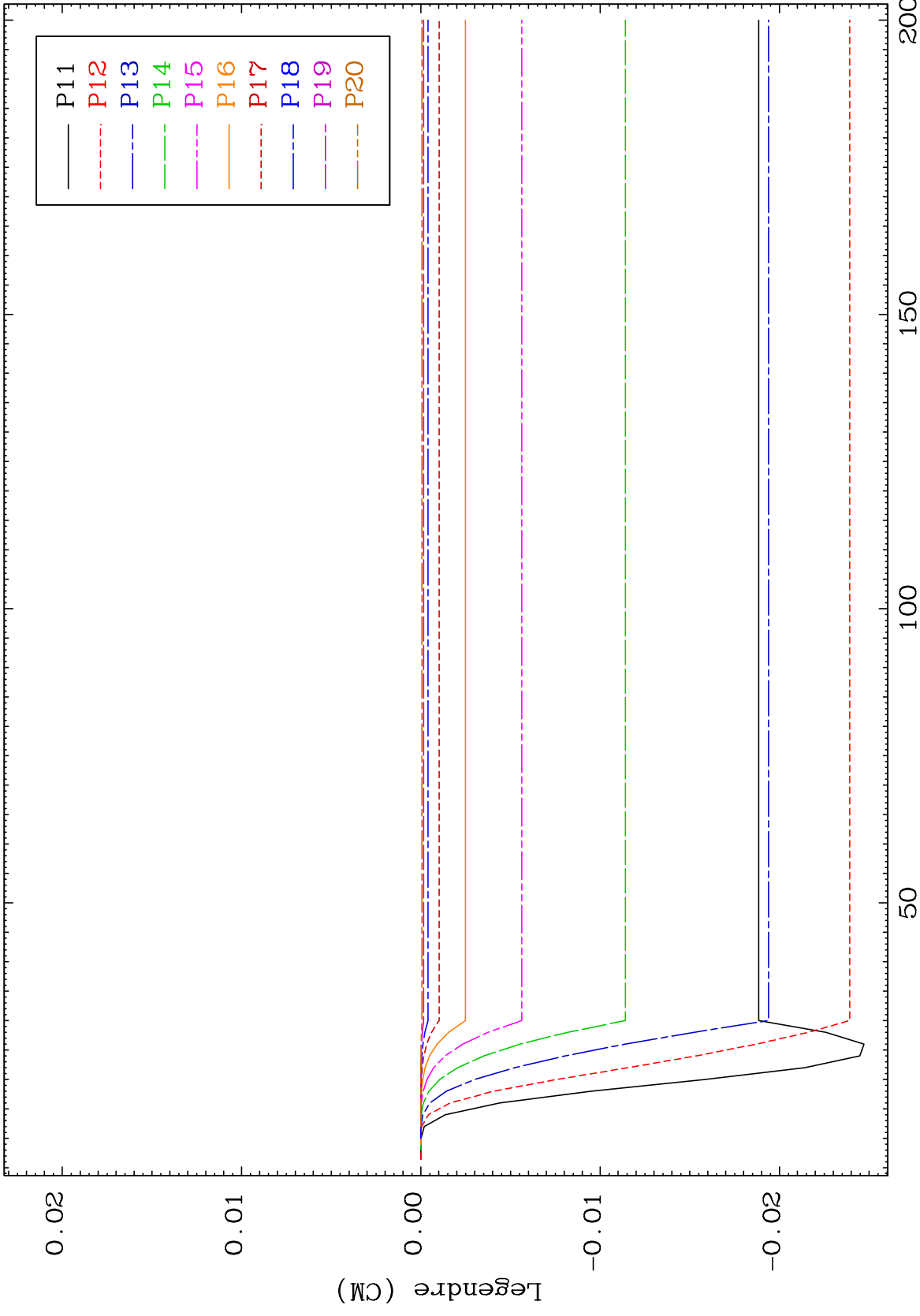
18-Ar-42



MAT 1843

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

18-Ar-42



72

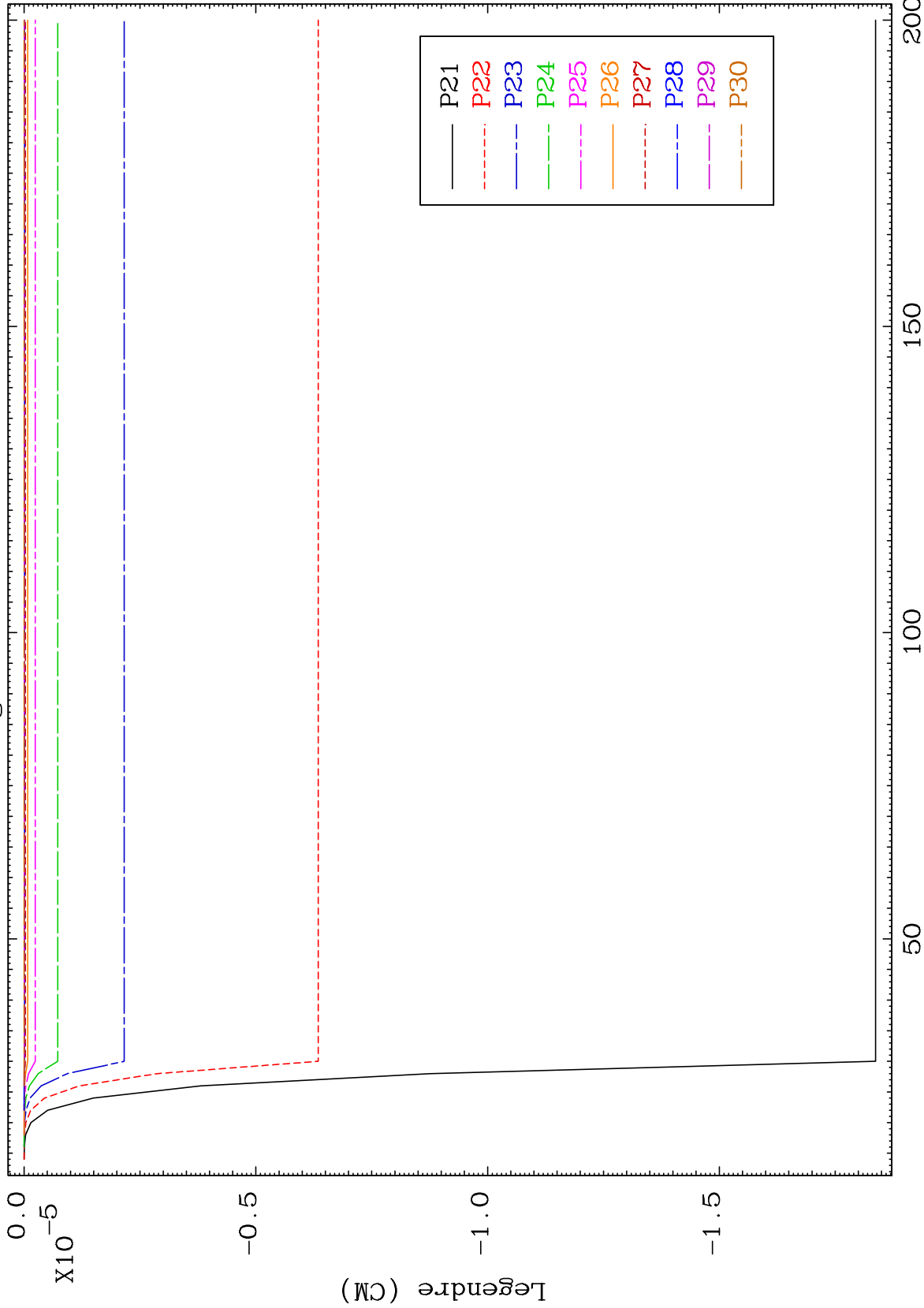
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



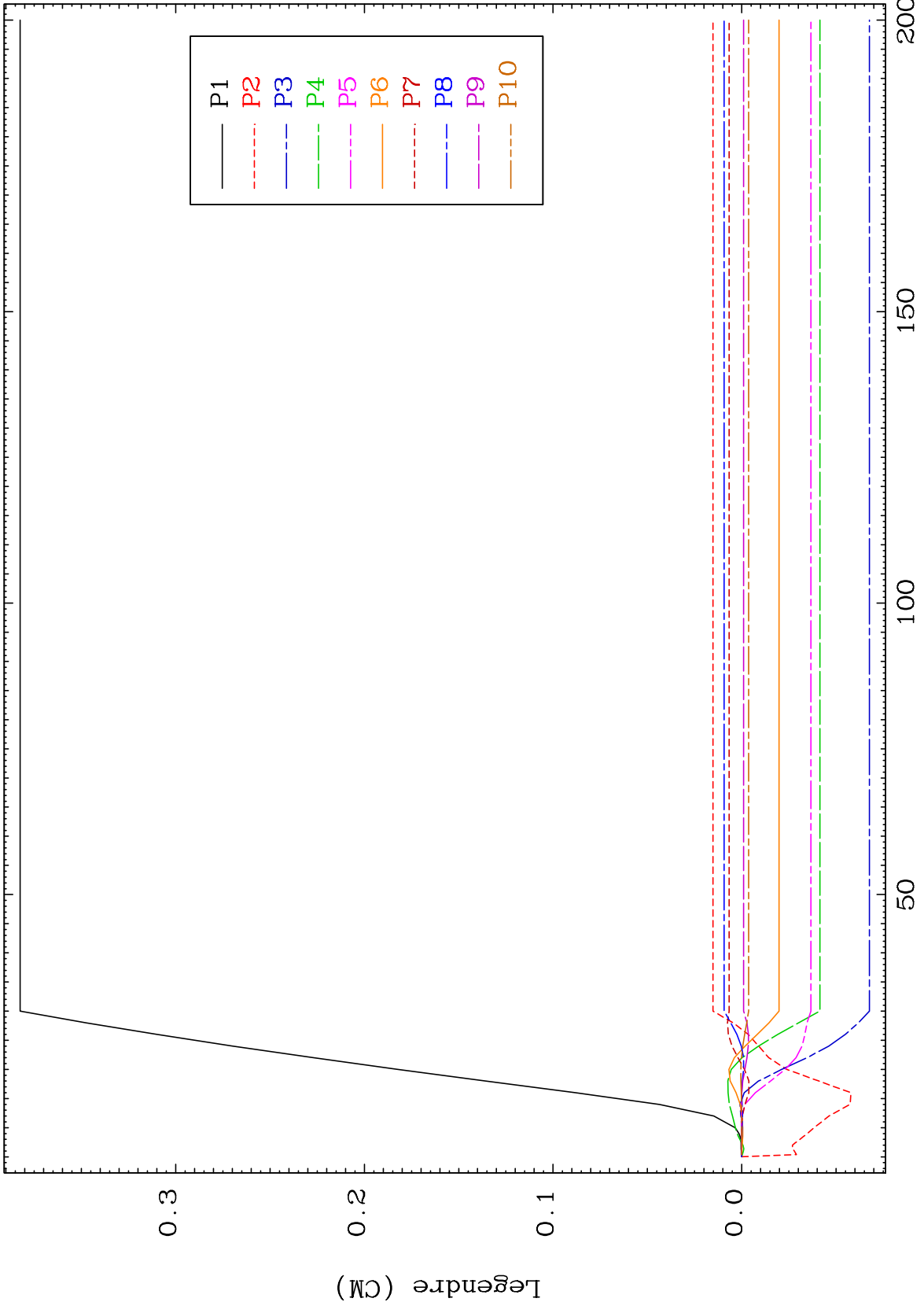
73

18-Ar-42

MAT 1843

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

18-Ar-42

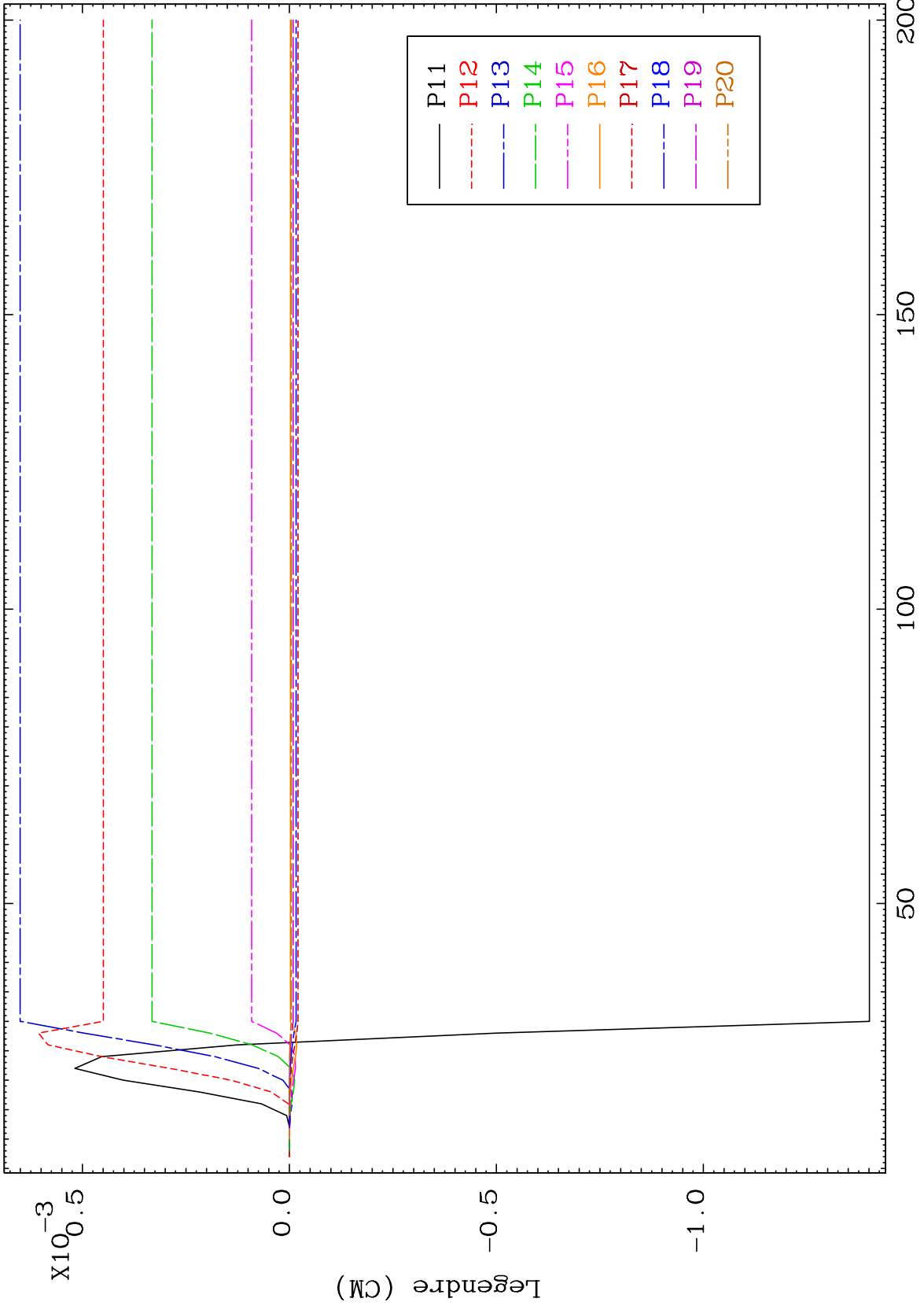


74

Incident Energy (MeV)

18-Ar-42

MAT 1843 MT= 69 (n,n') Level Legendre Coefficients 18-Ar-42

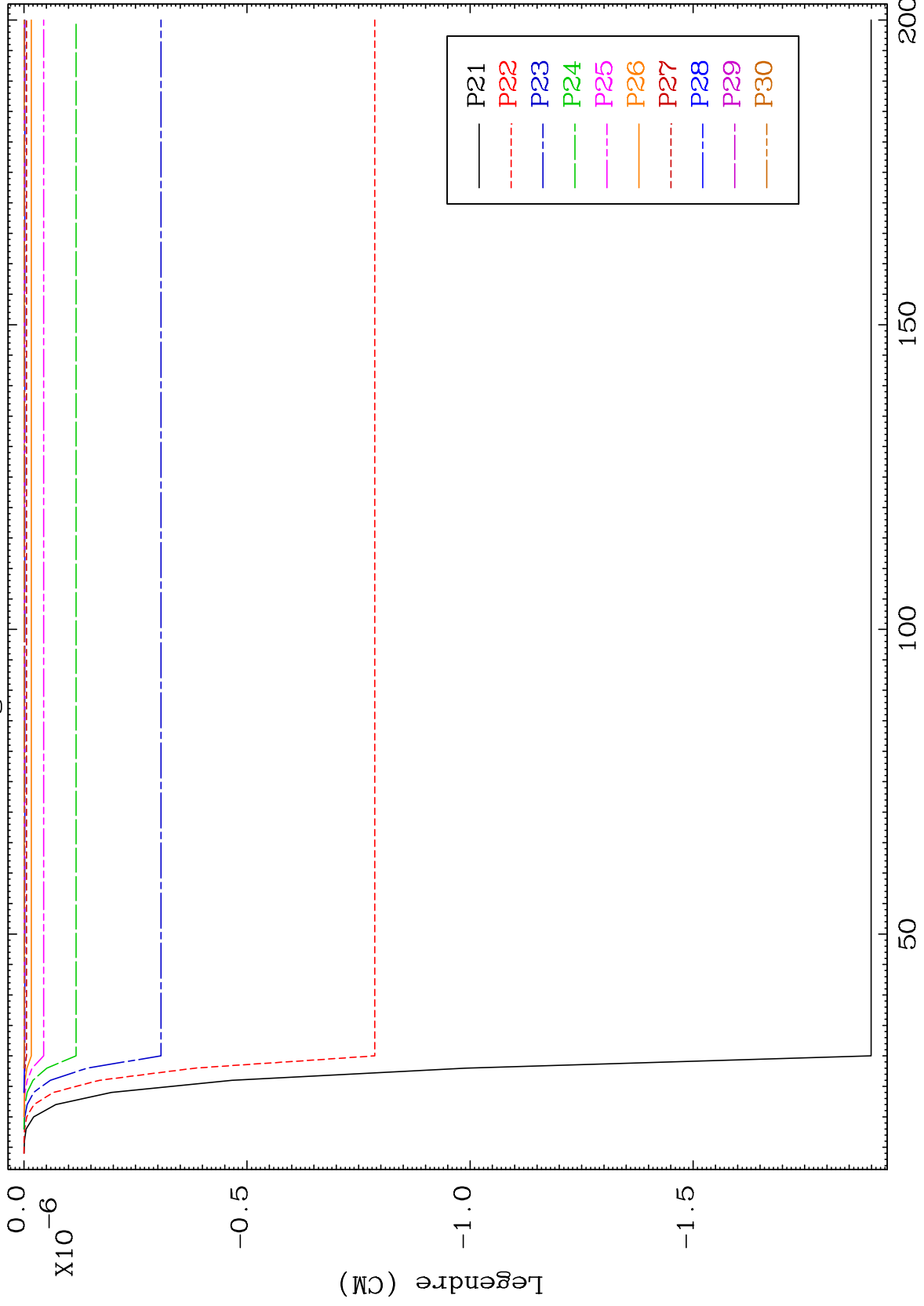


75 18-Ar-42

MAT 1843

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

18-Ar-42



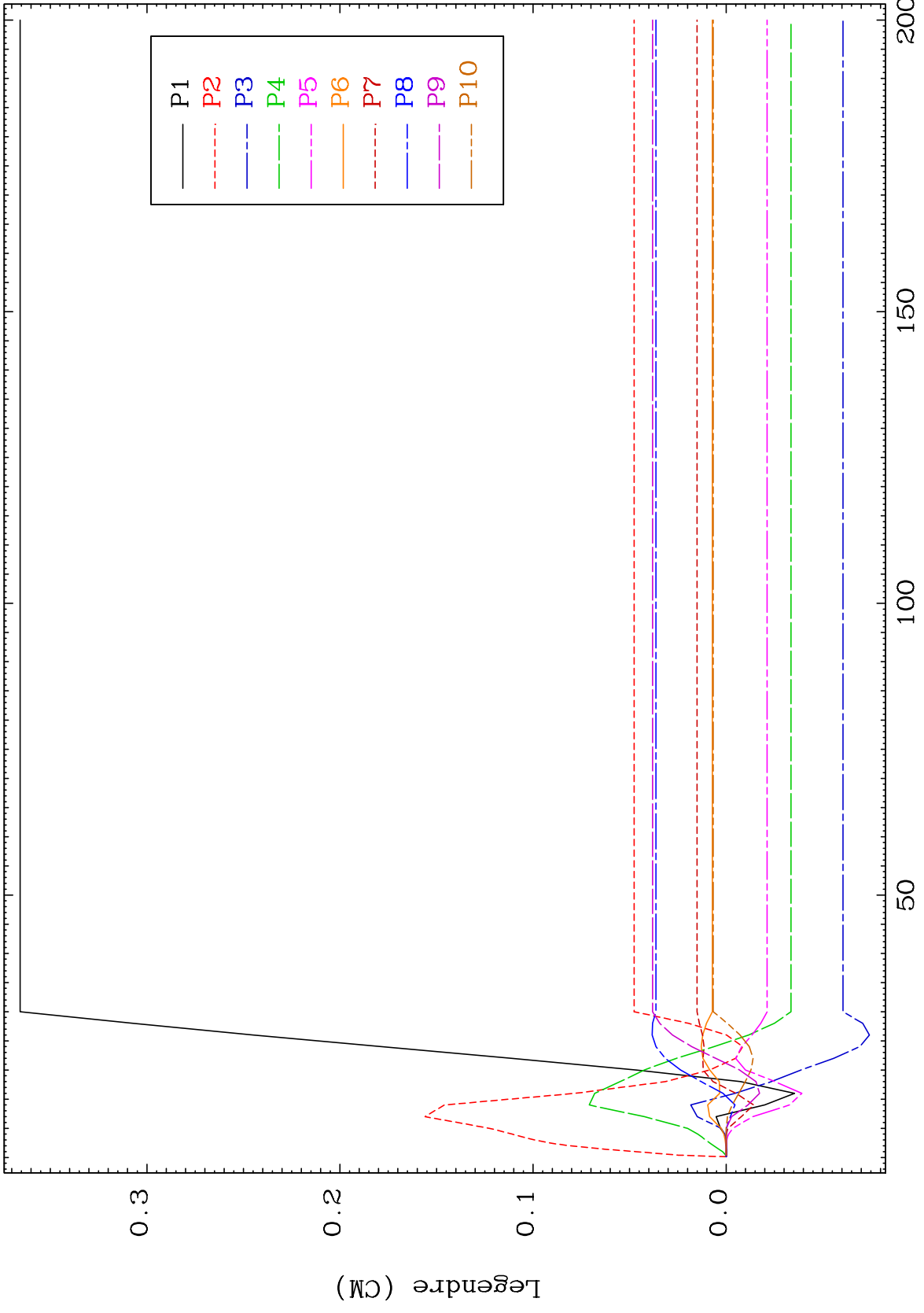
76

18-Ar-42

MAT 1843

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

18-Ar-42



77

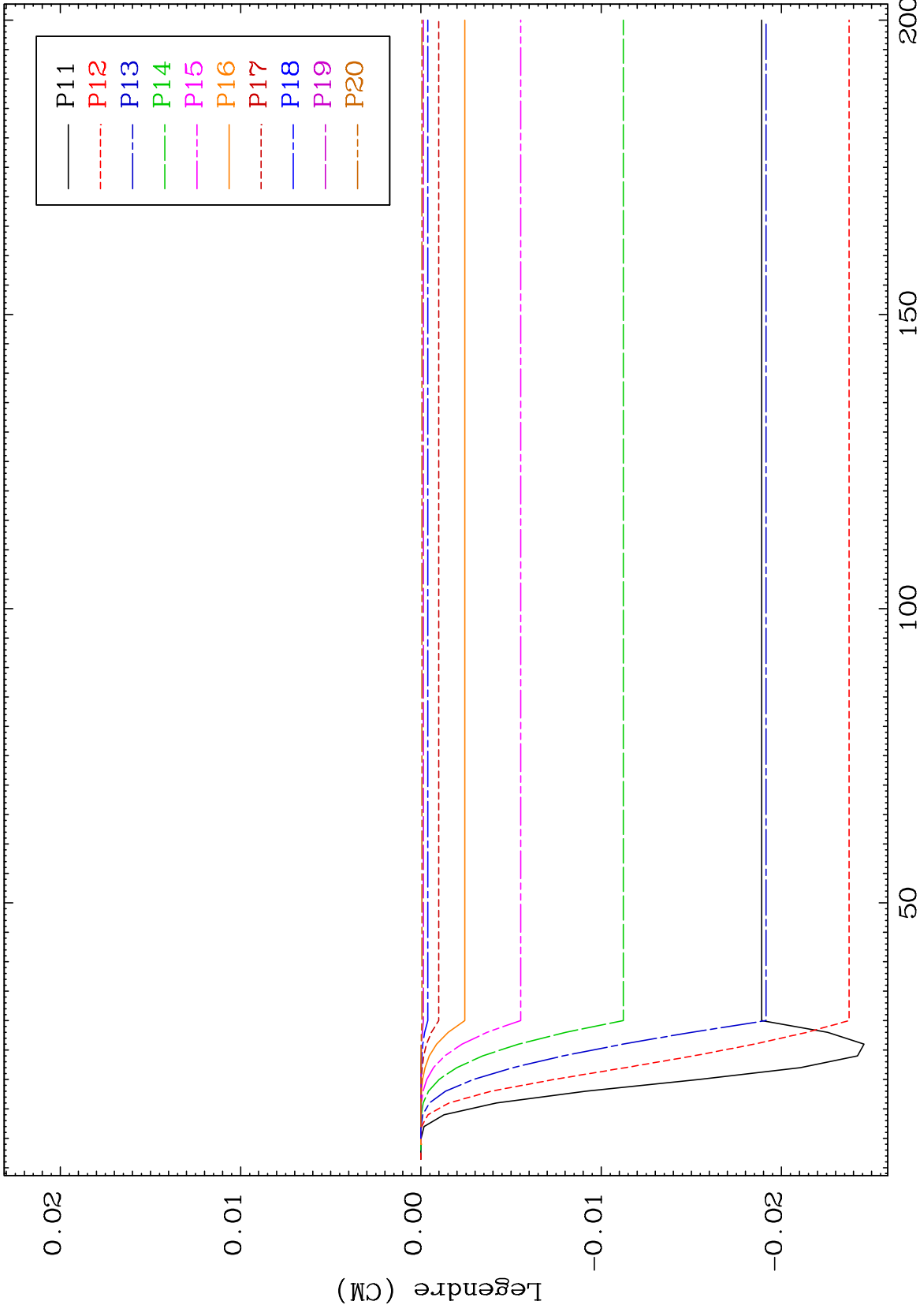
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



78

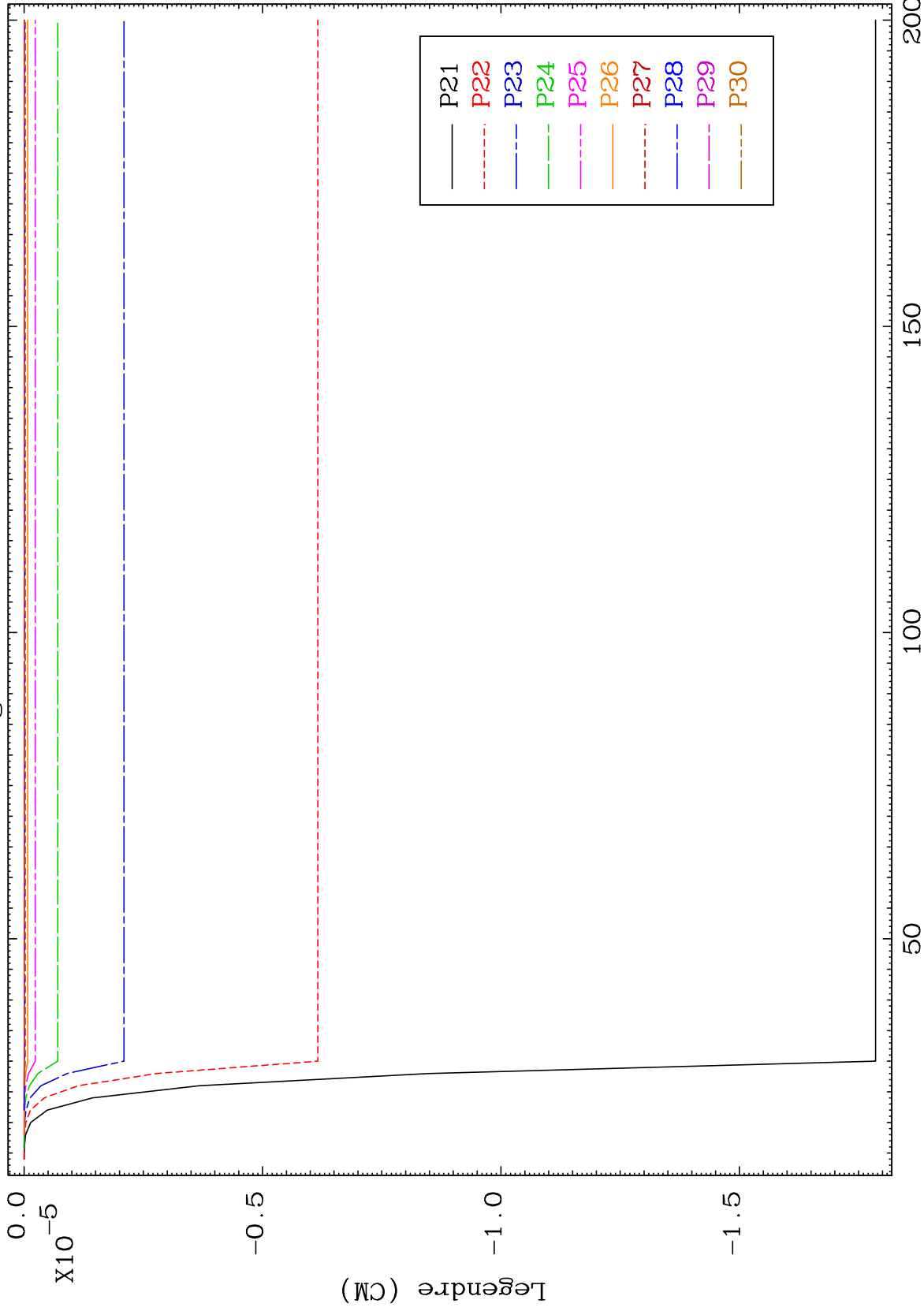
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



79

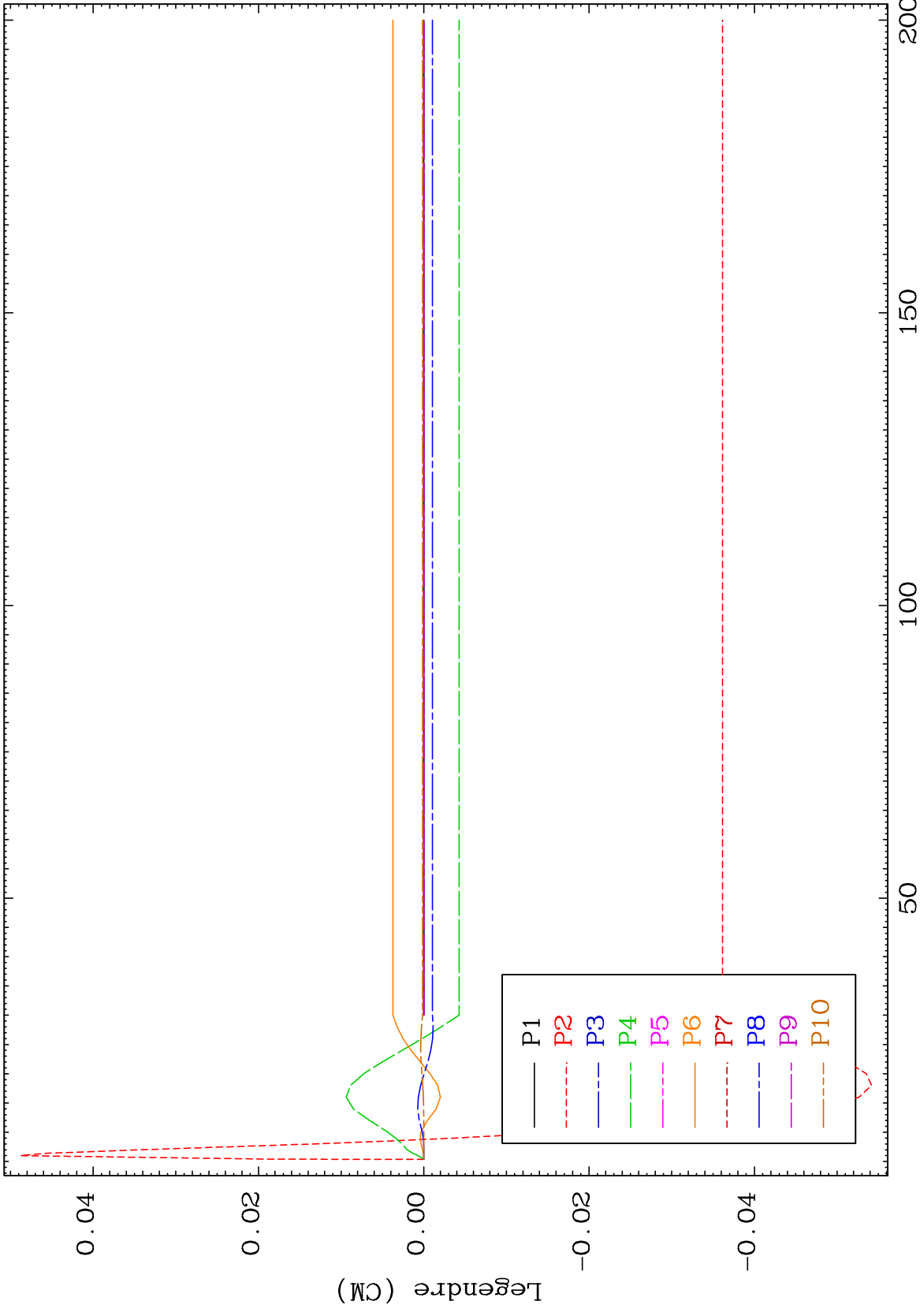
18-Ar-42



MAT 1843

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

18-Ar-42



80

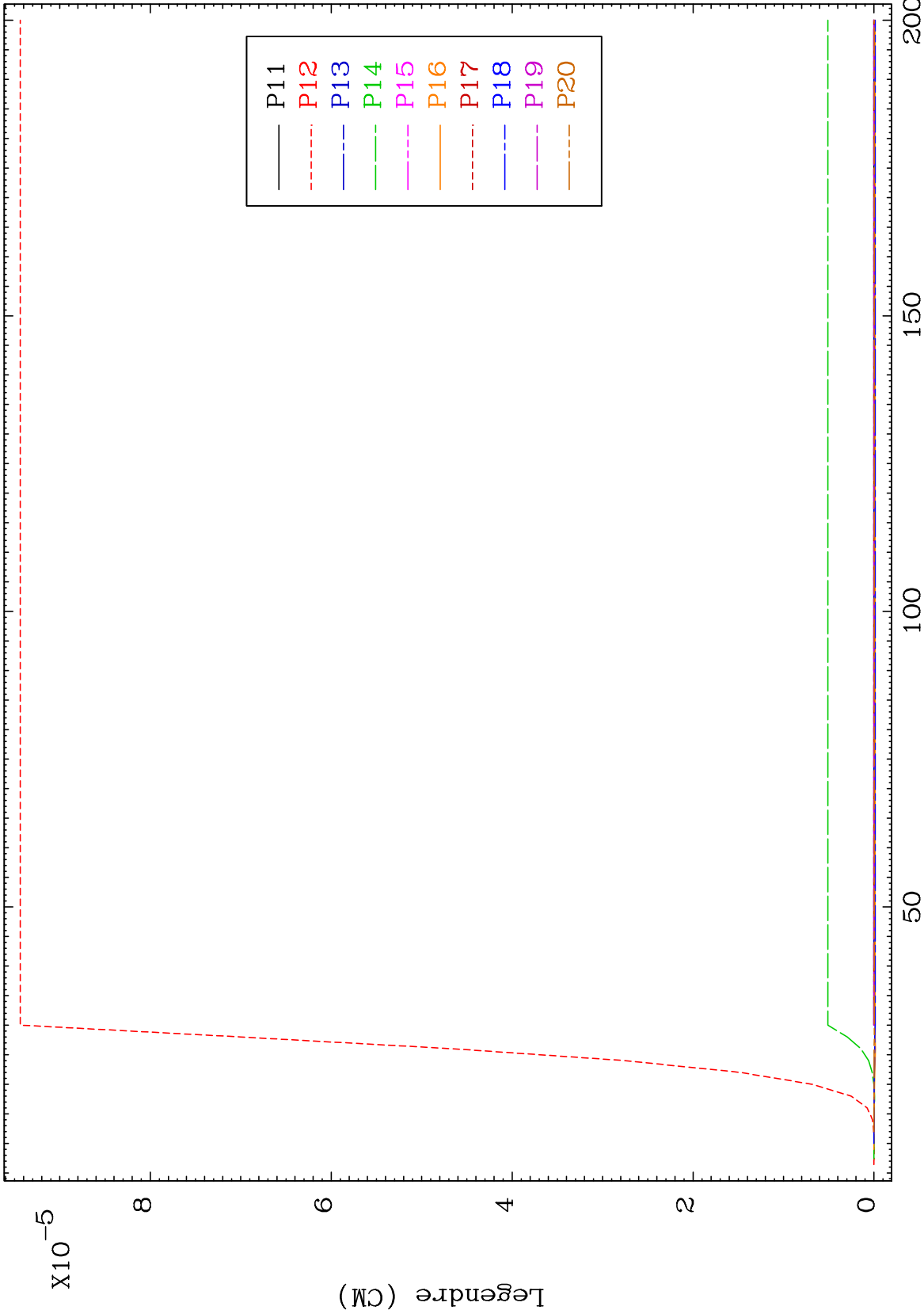
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



81

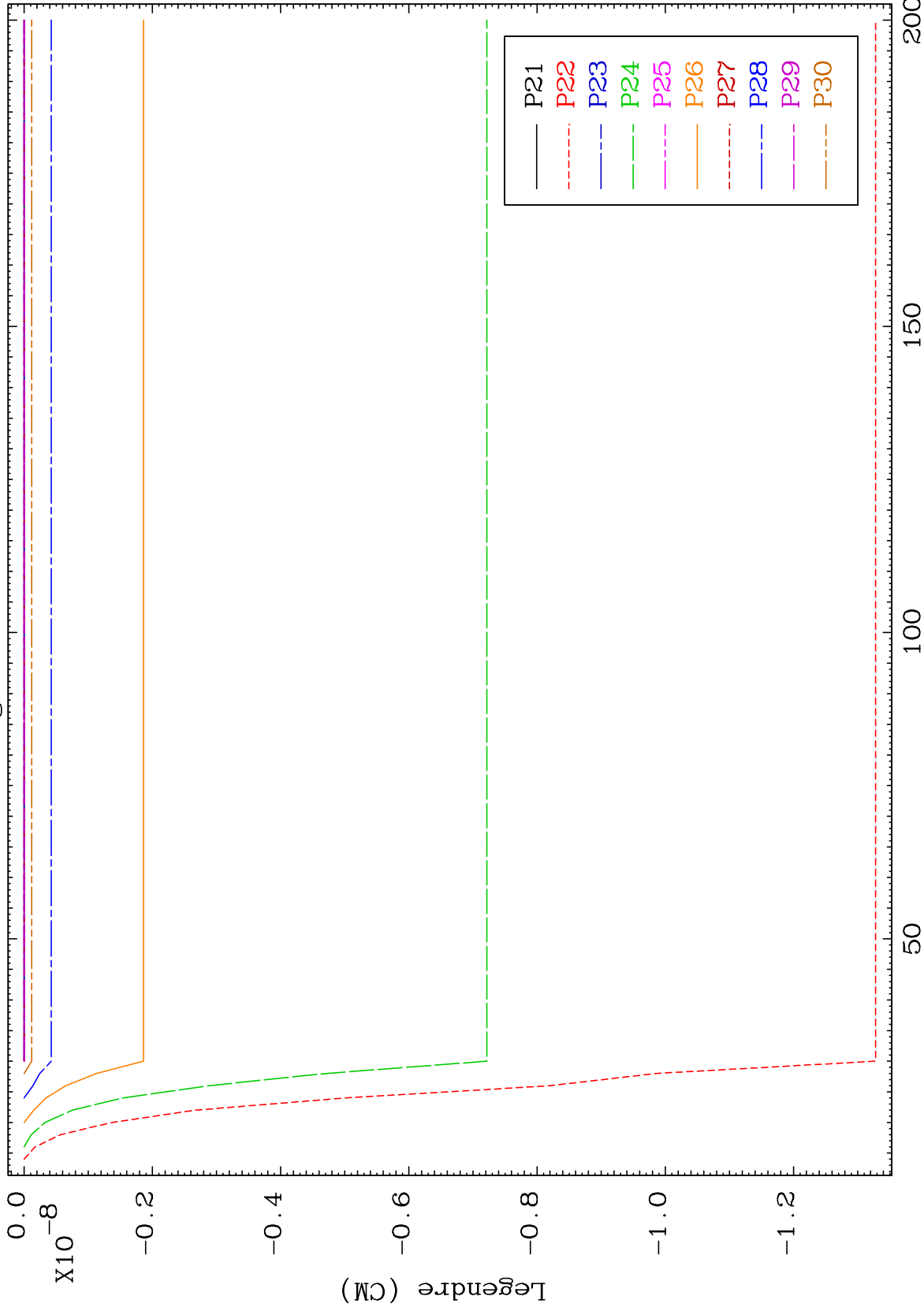
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



18-Ar-42

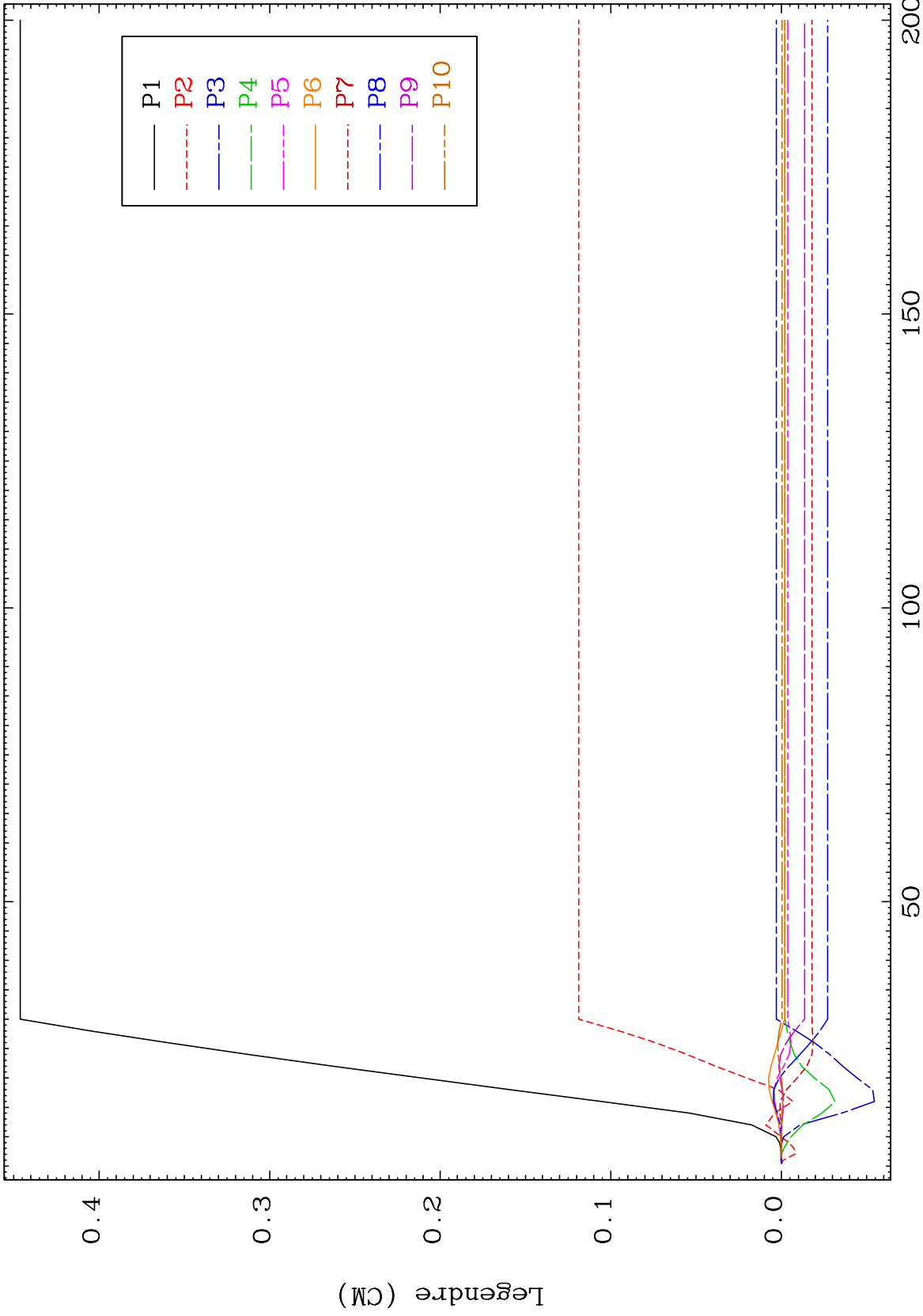
Incident Energy (MeV)

82

MAT 1843

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

18-Ar-42



83

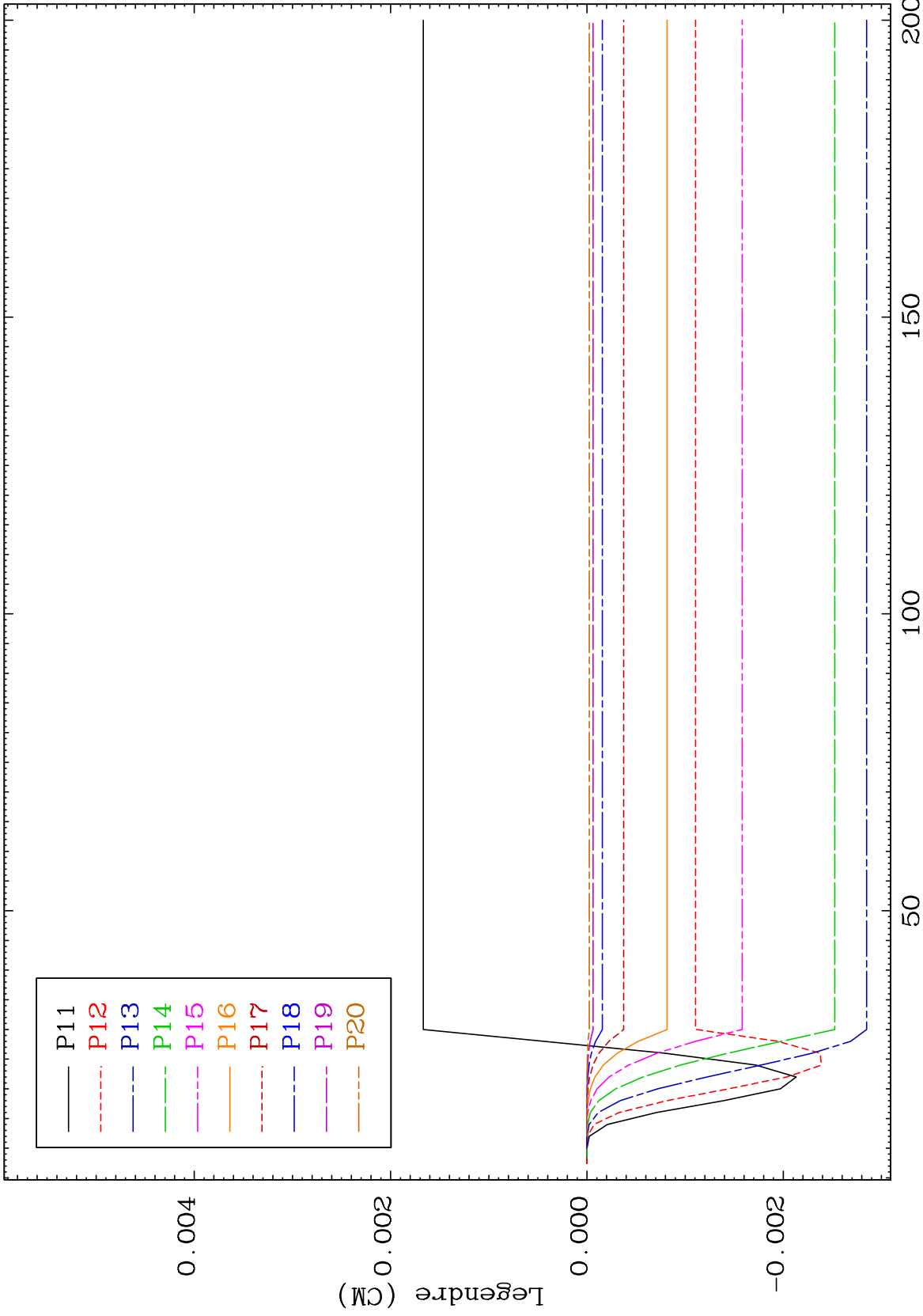
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42

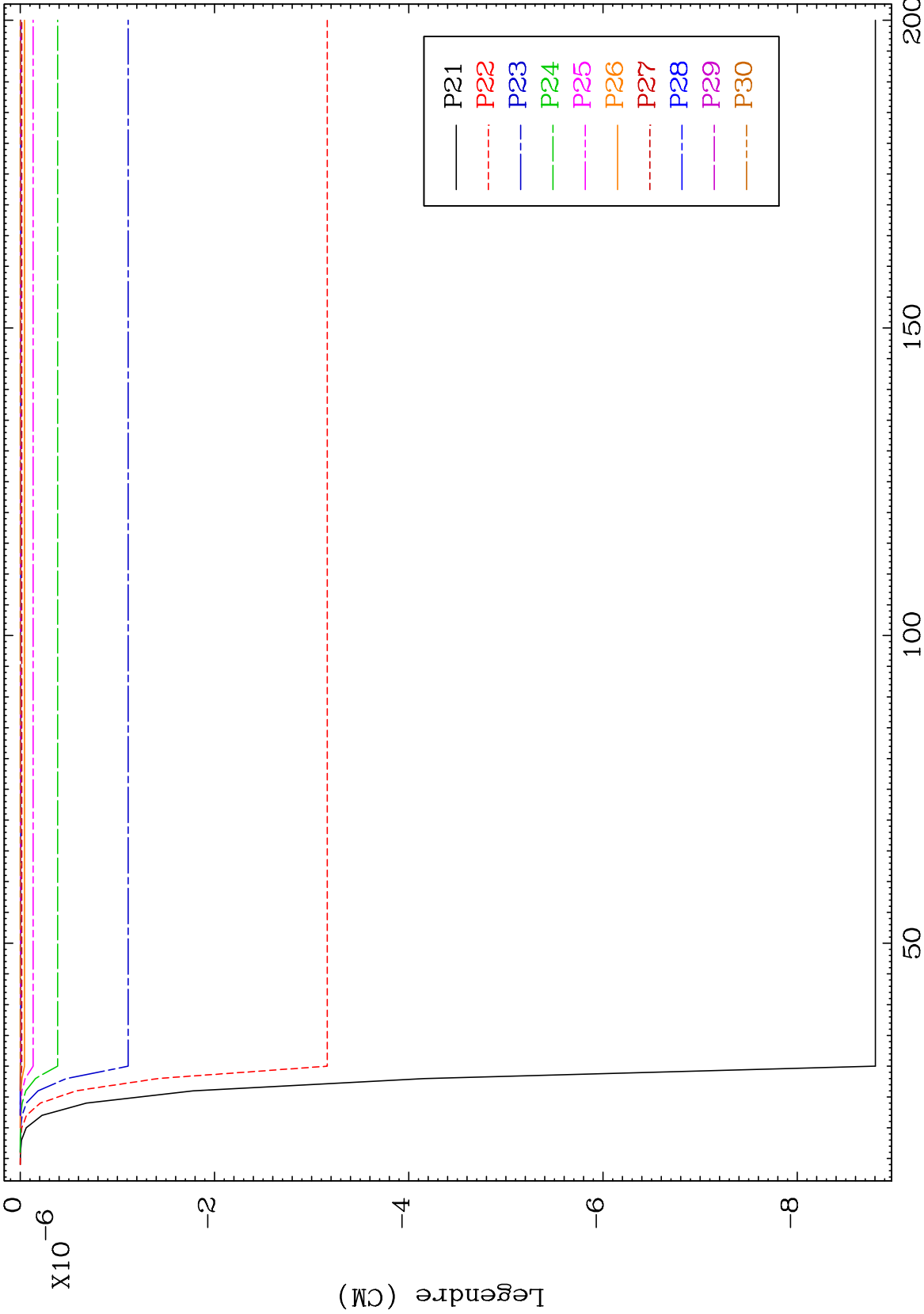


84

Incident Energy (MeV)

18-Ar-42

MAT 1843 MT= 72 (n,n') Level Legendre Coefficients 18-Ar-42

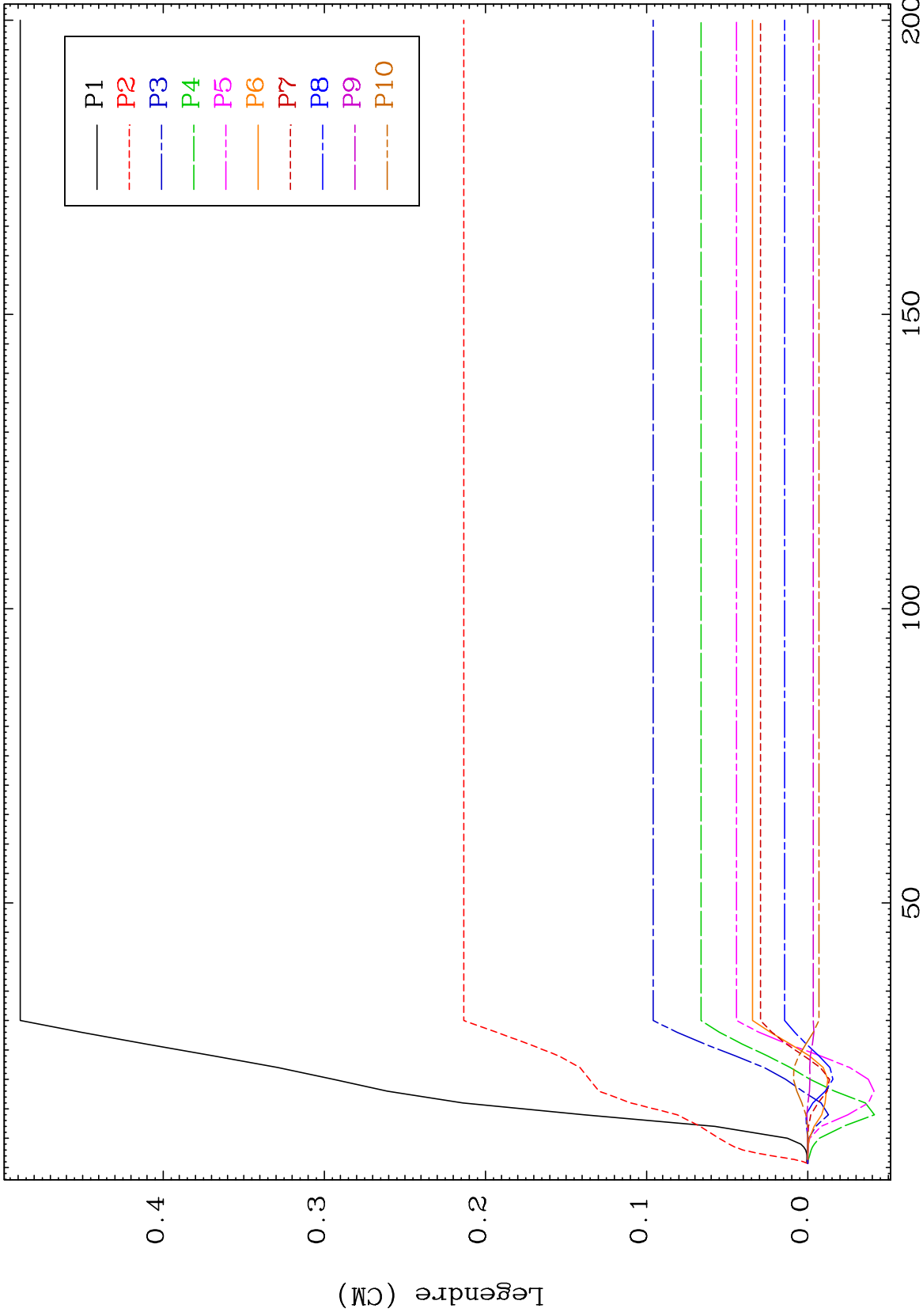


85 18-Ar-42

MAT 1843

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

18-Ar-42



86

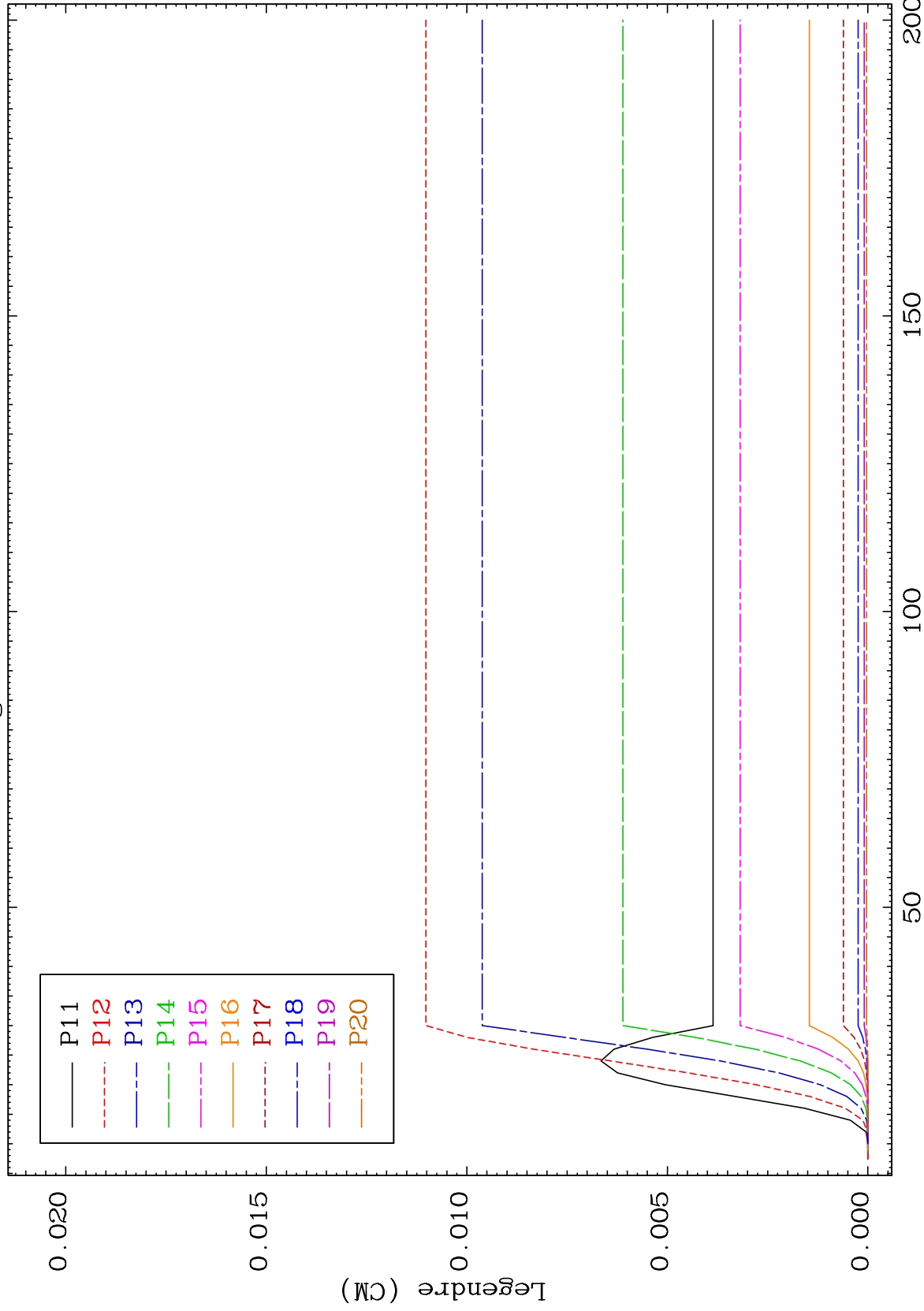
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



87

Incident Energy (MeV)

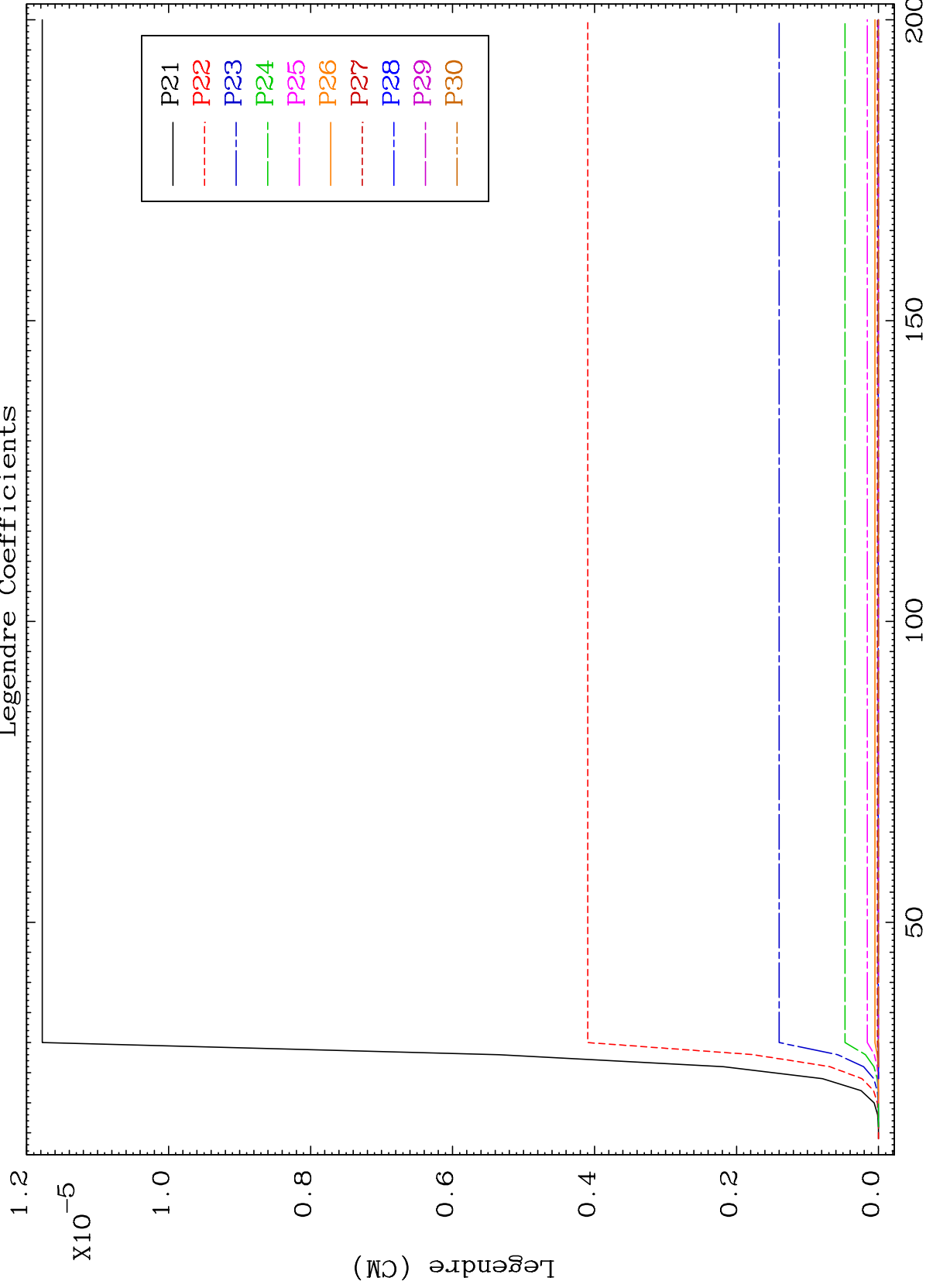
18-Ar-42



MAT 1843

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

18-Ar-42



88

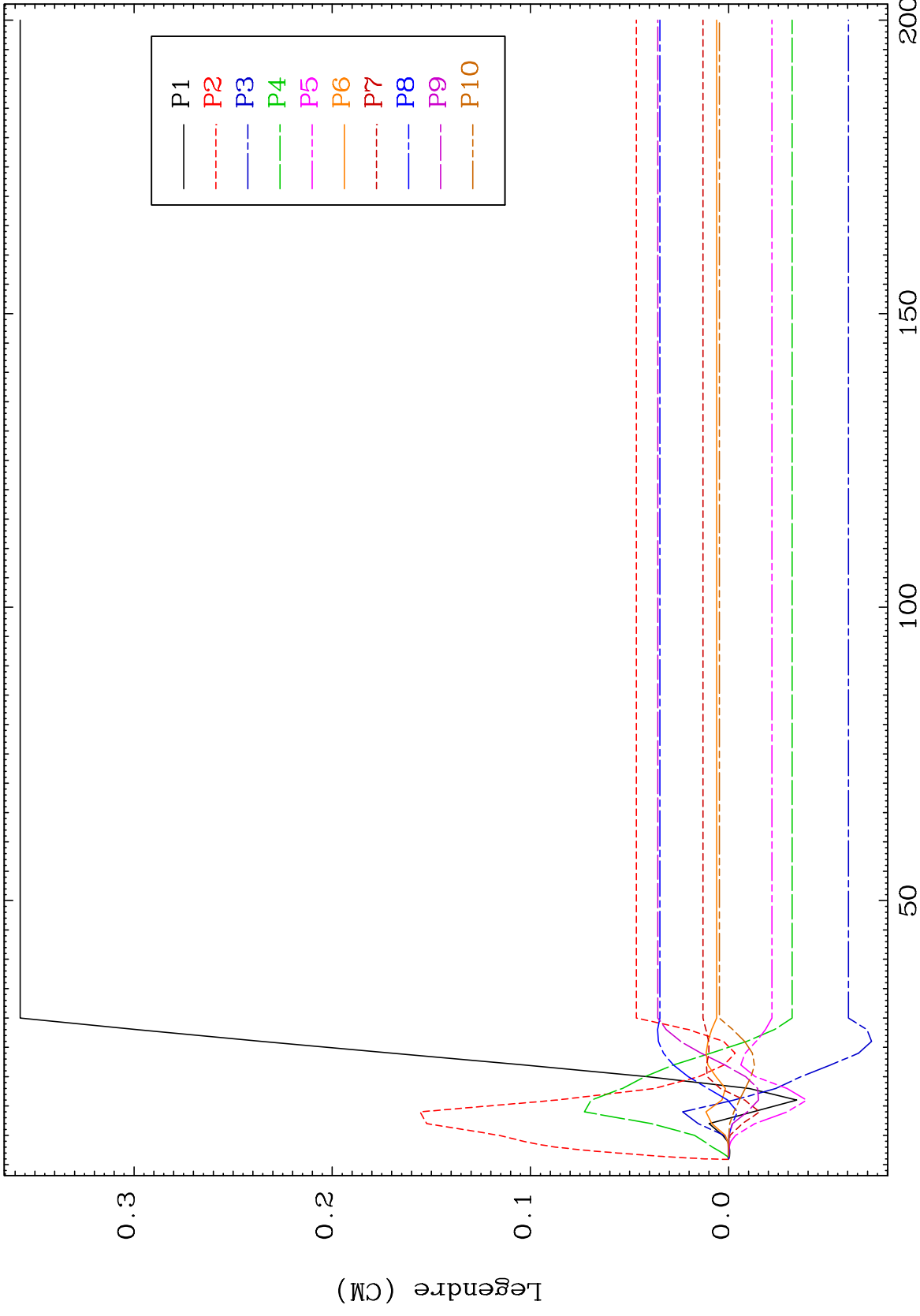
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



89

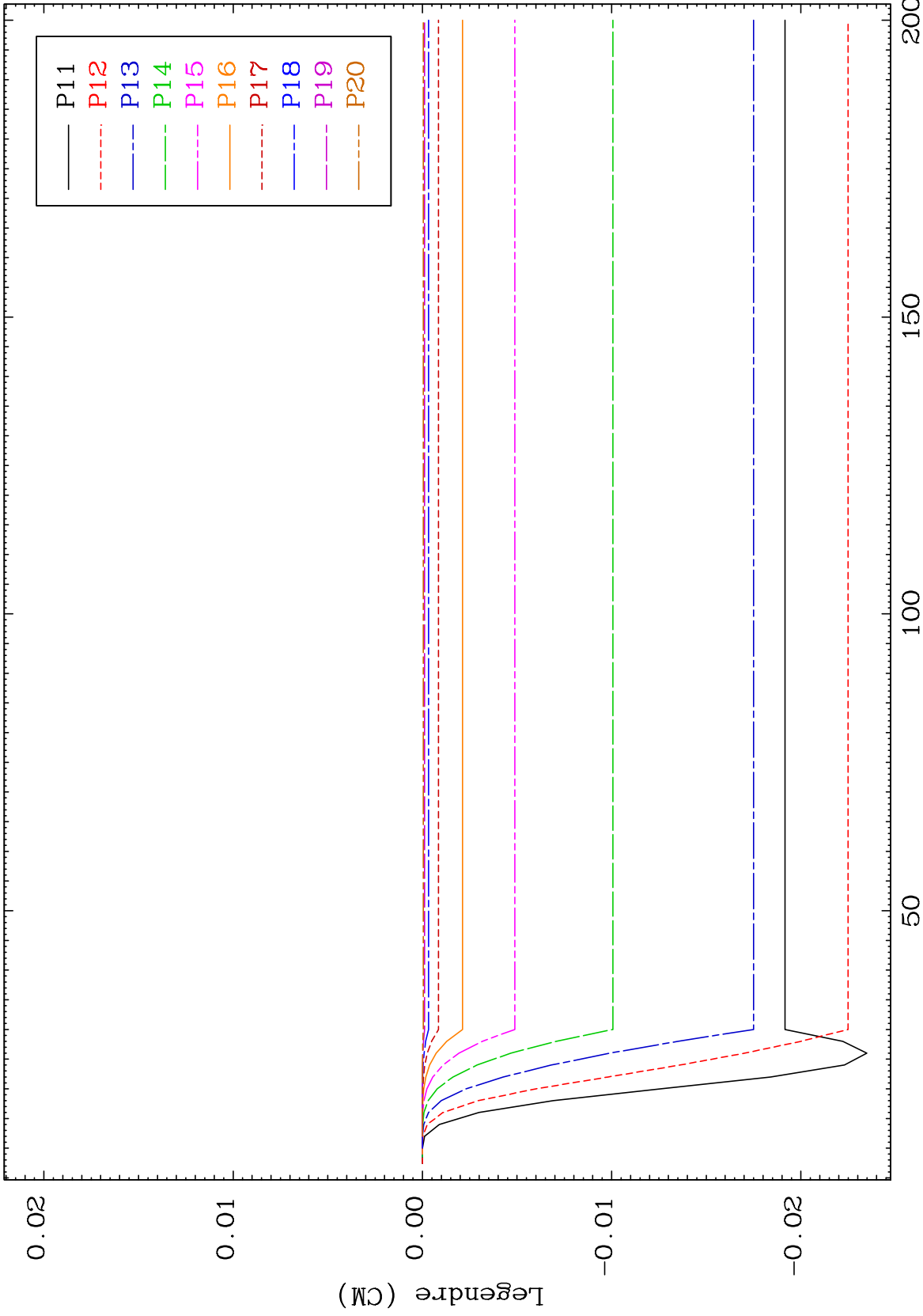
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



90

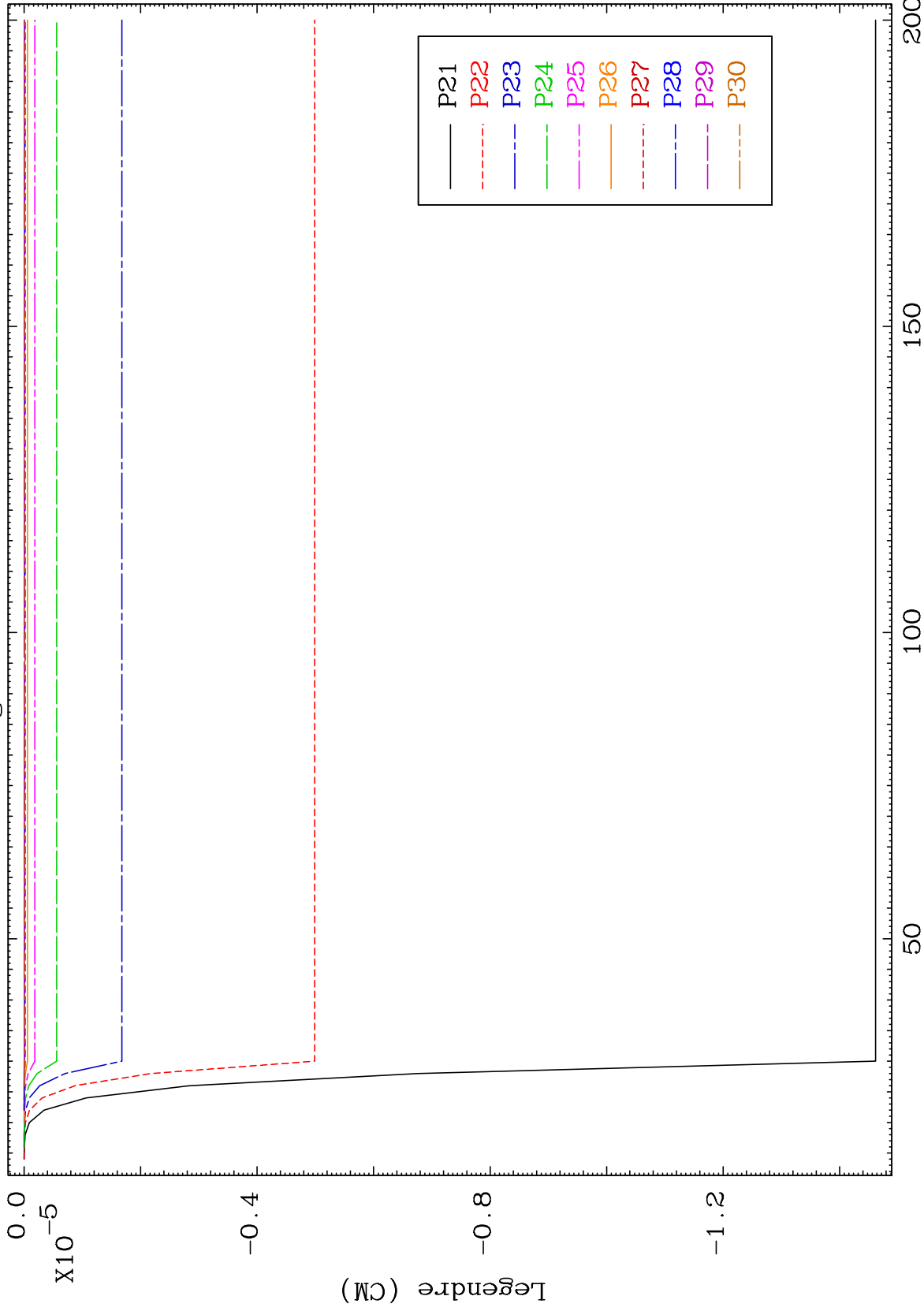
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



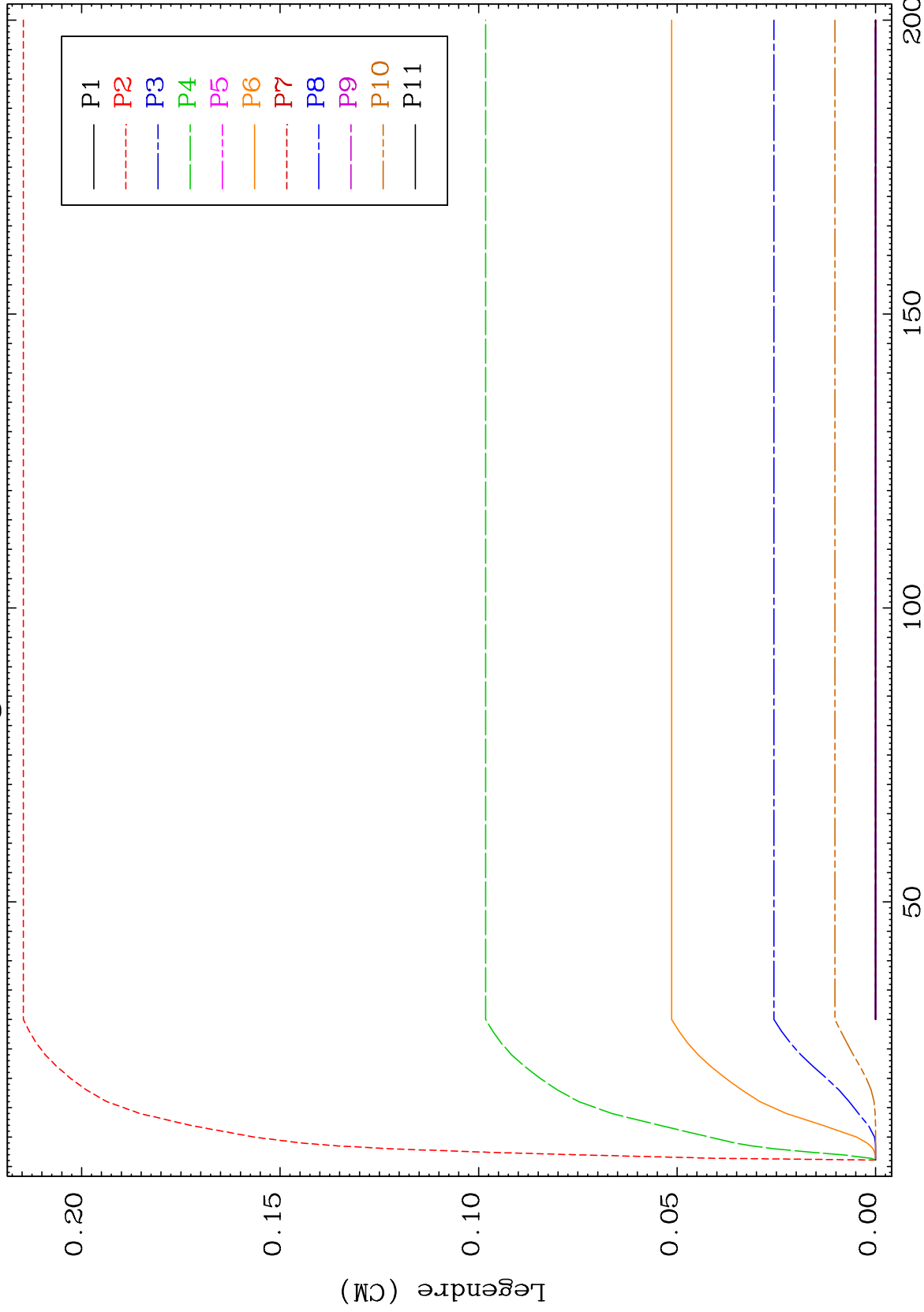
91

18-Ar-42

MAT 1843

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

18-Ar-42



92

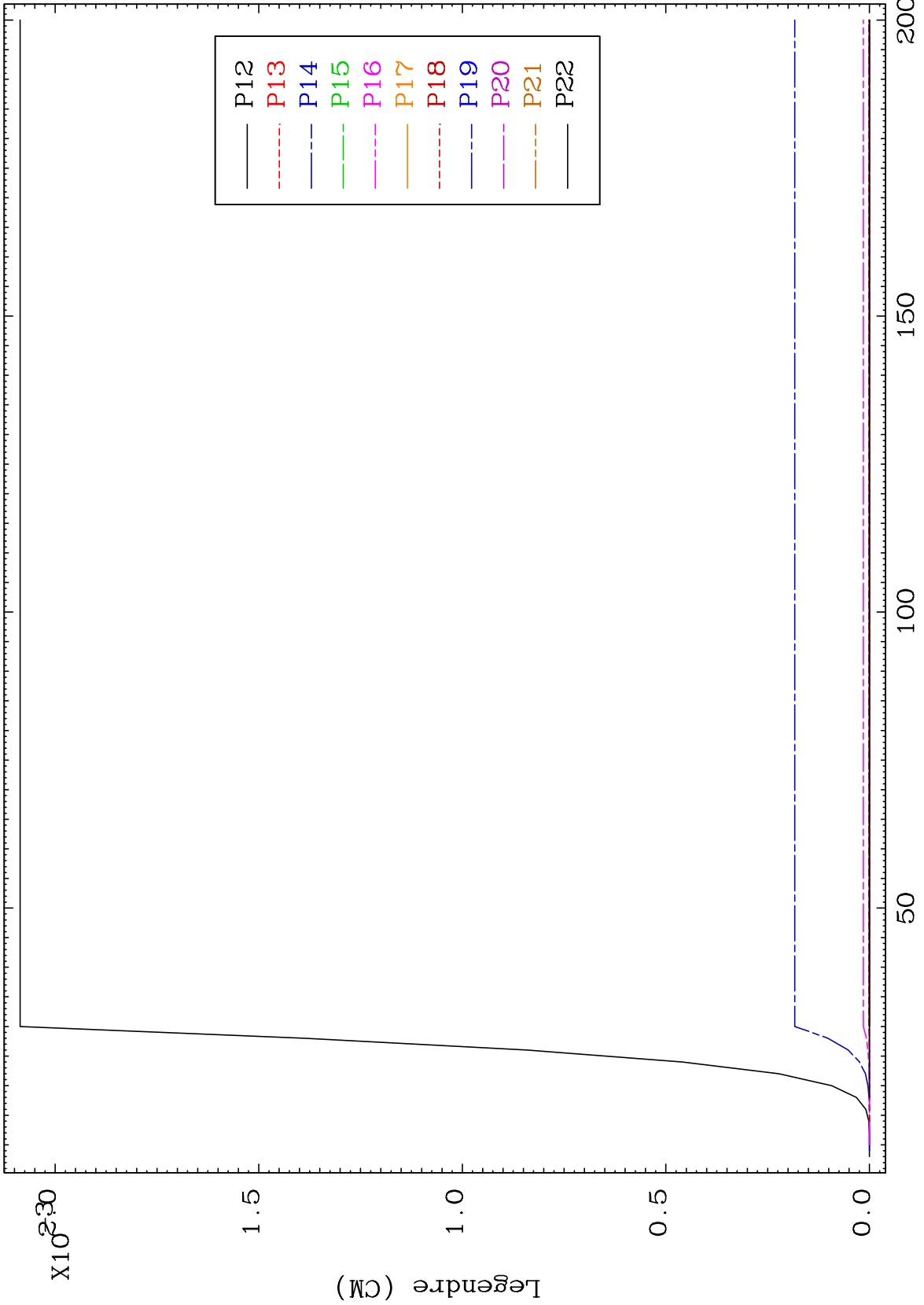
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42

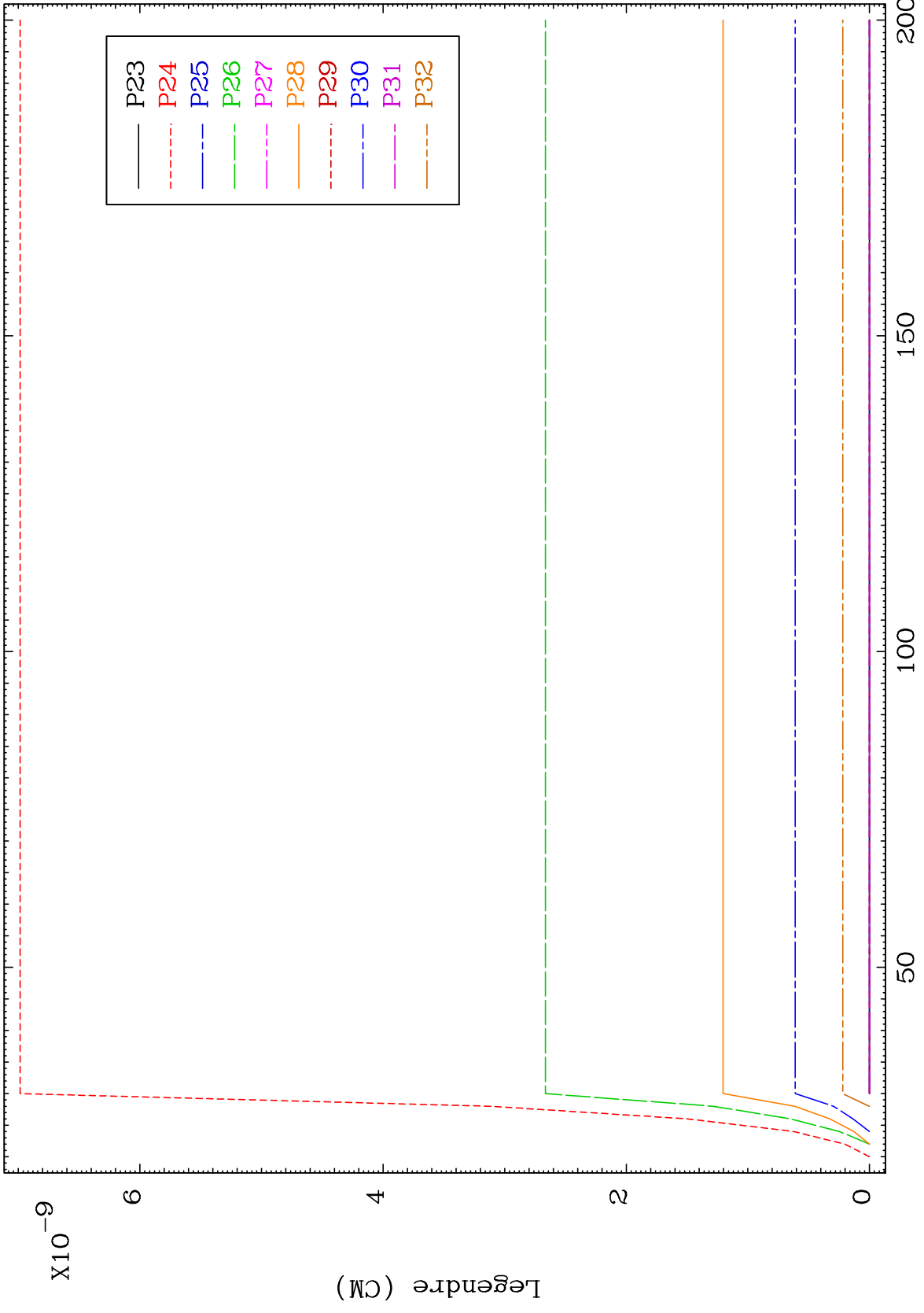


93

Incident Energy (MeV)

18-Ar-42

MAT 1843 MT= 75 (n,n') Level Legendre Coefficients 18-Ar-42

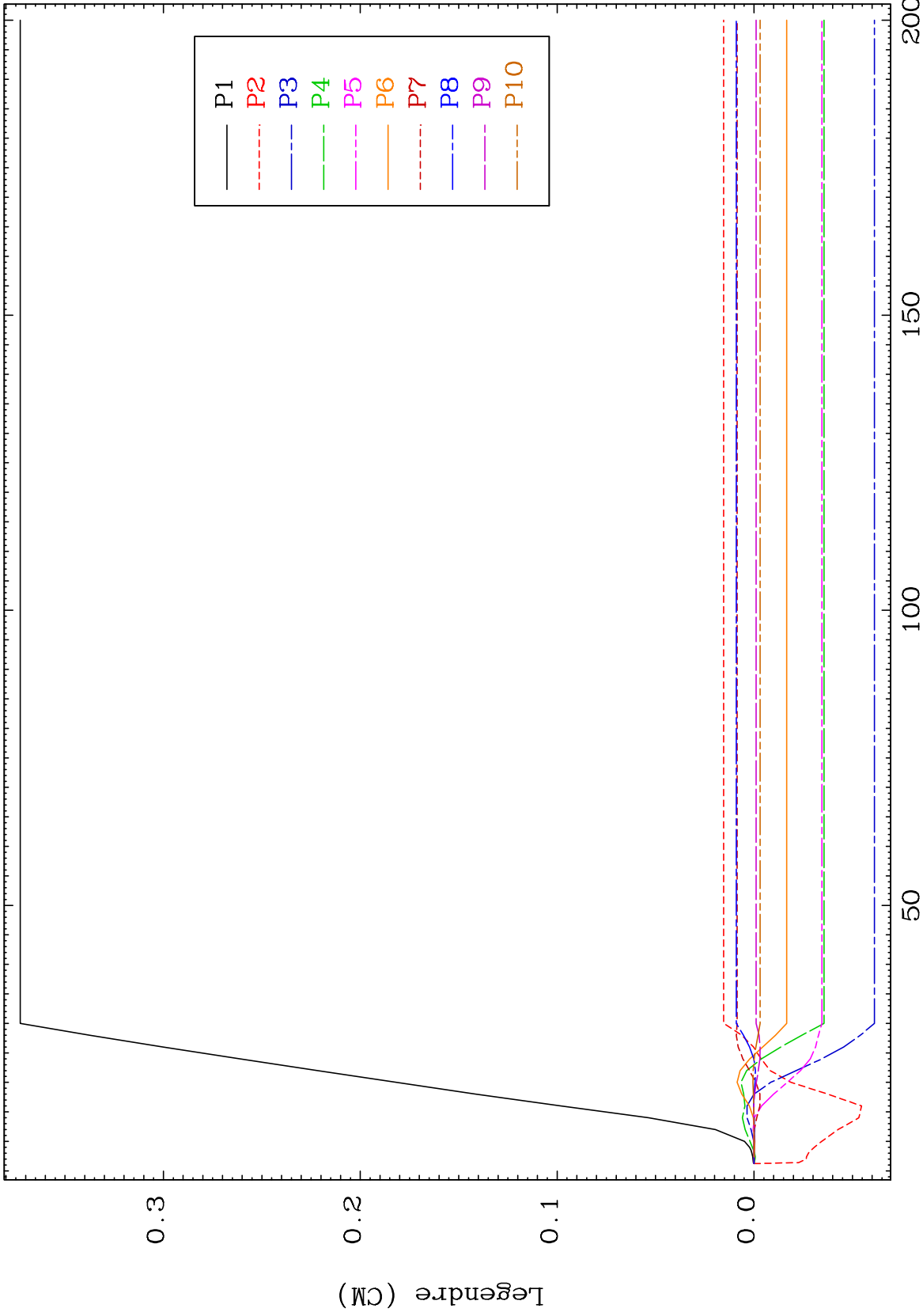


94 18-Ar-42

MAT 1843

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

18-Ar-42



95

Incident Energy (MeV)

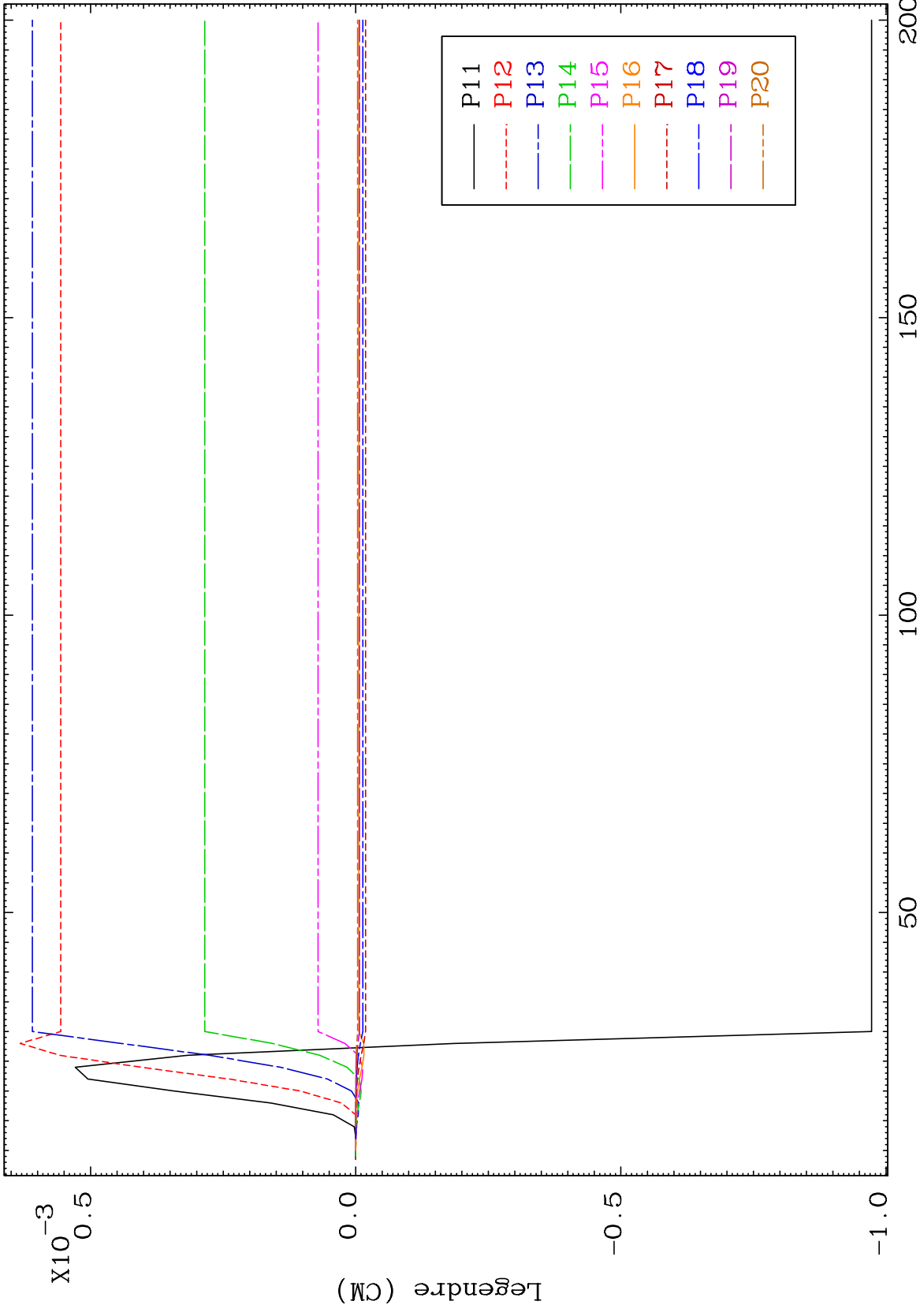
18-Ar-42



MAT 1843

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

18-Ar-42



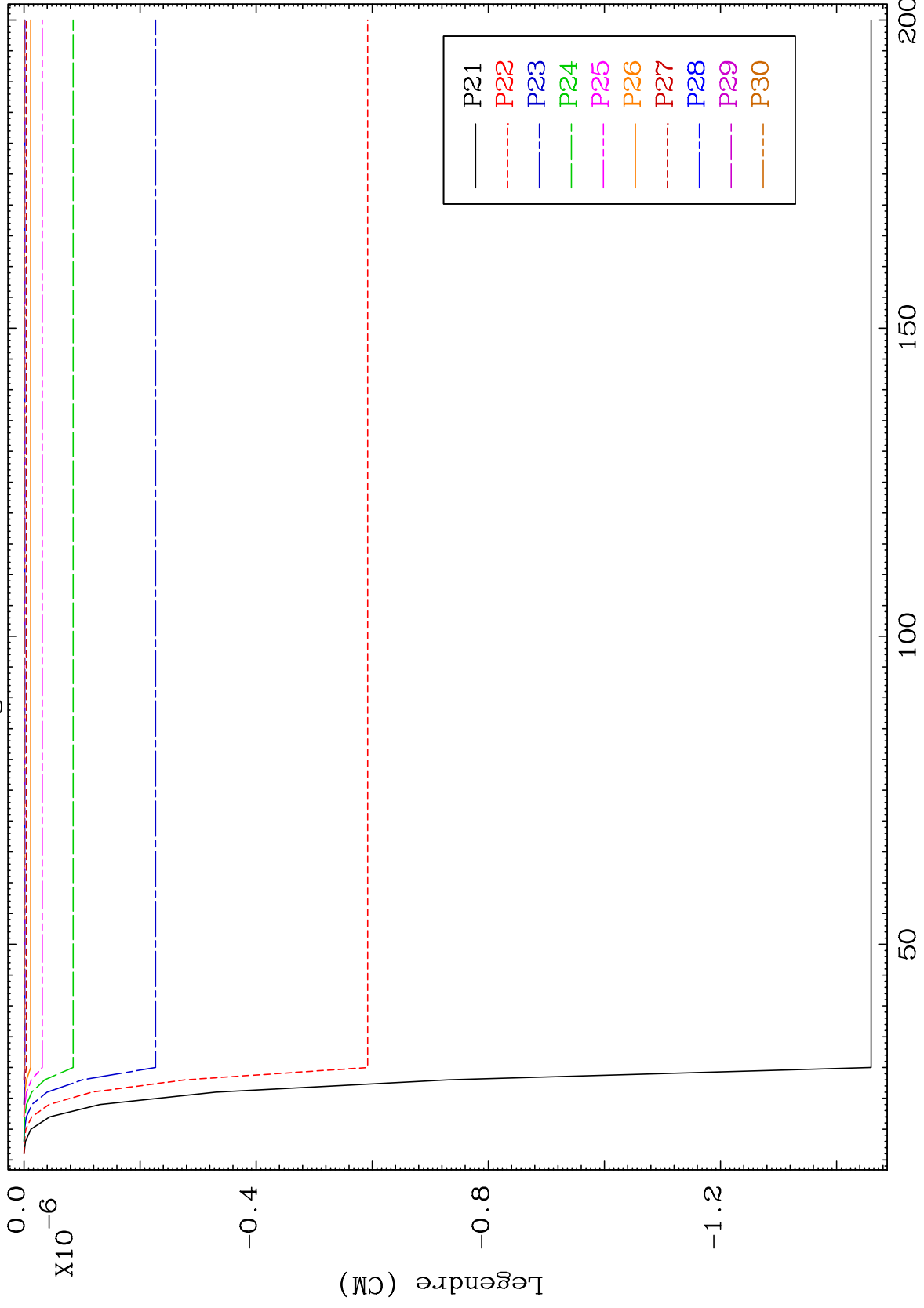
96

18-Ar-42

MAT 1843

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

18-Ar-42



97

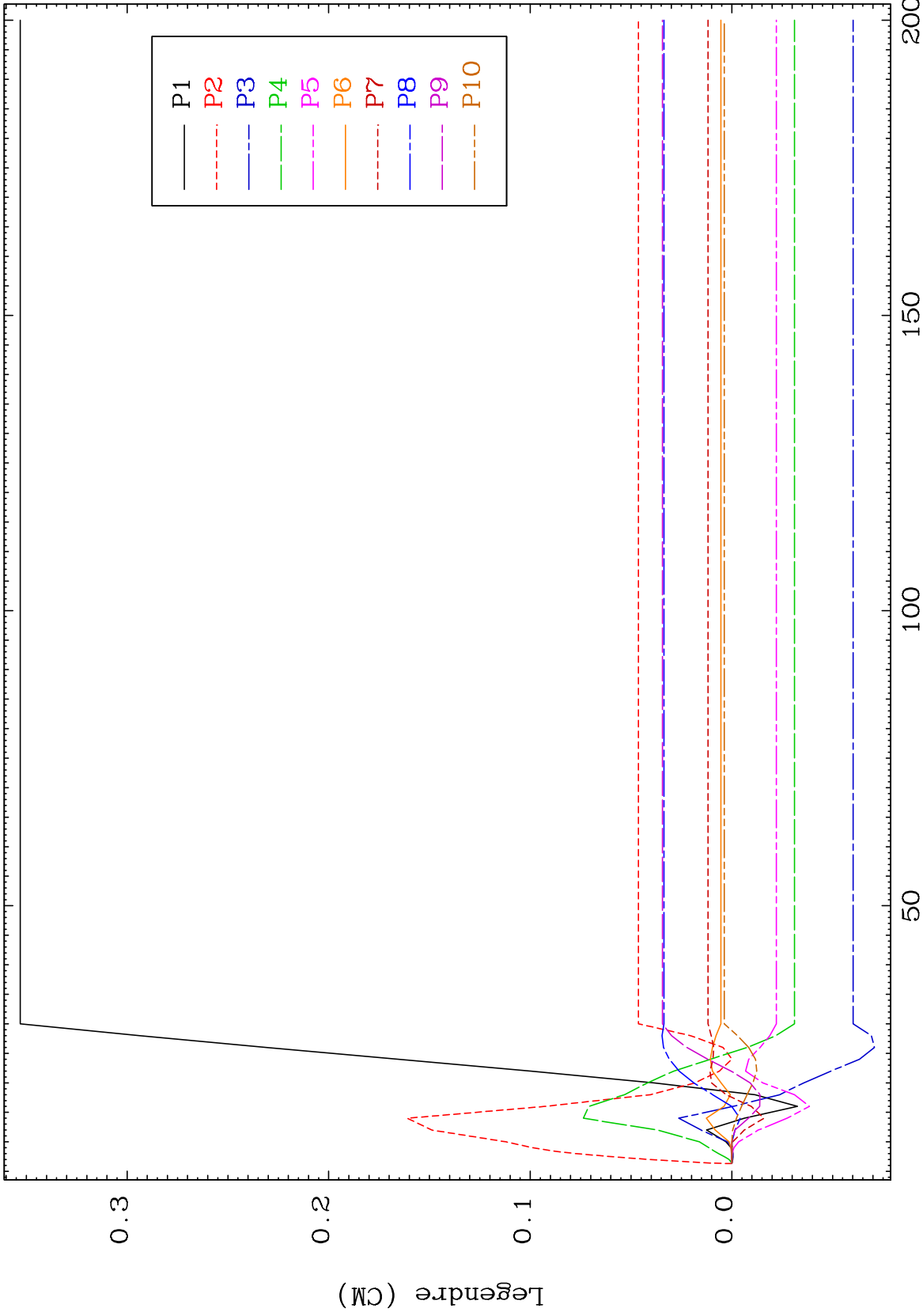
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



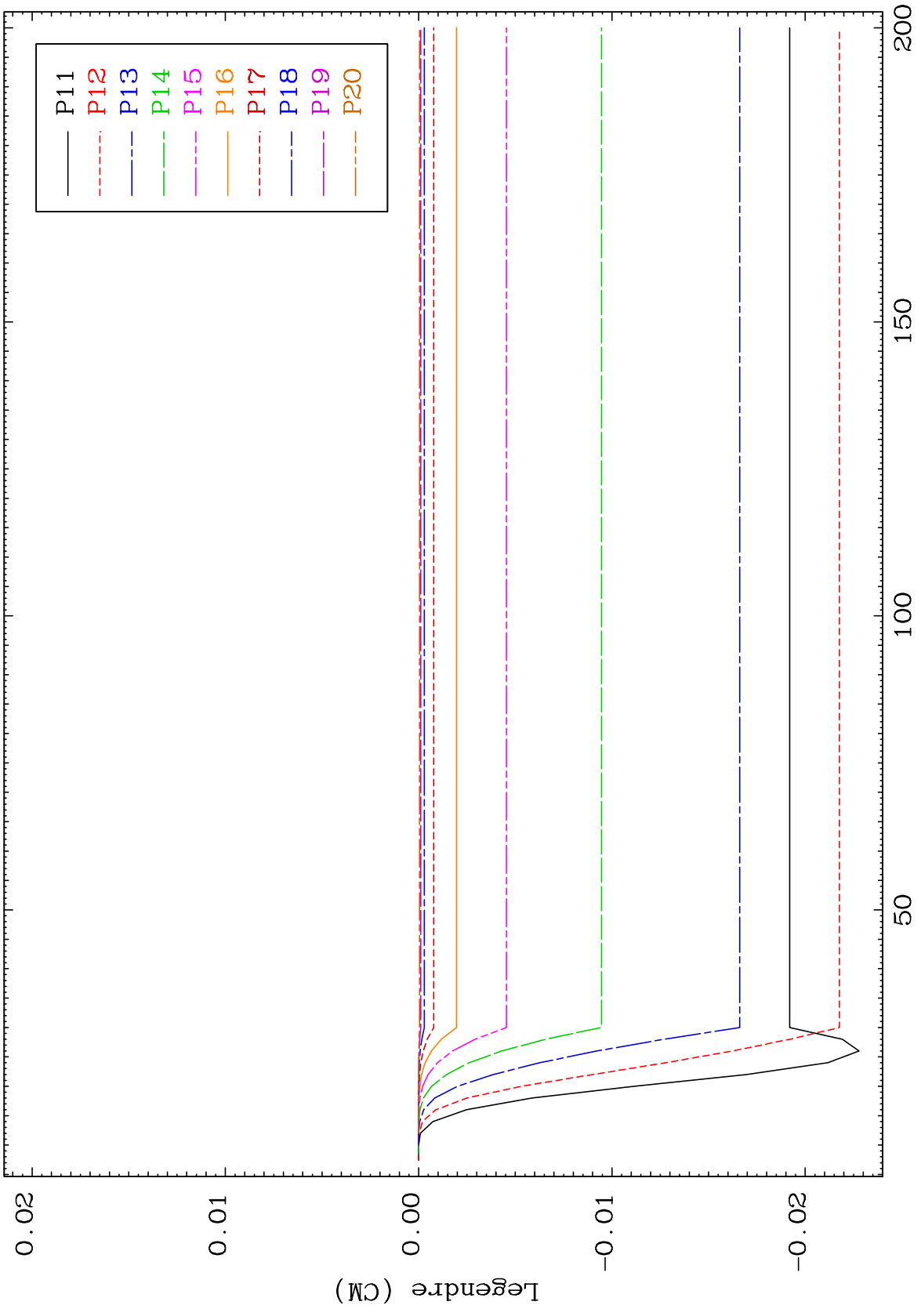
98

18-Ar-42

MAT 1843

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

18-Ar-42



99

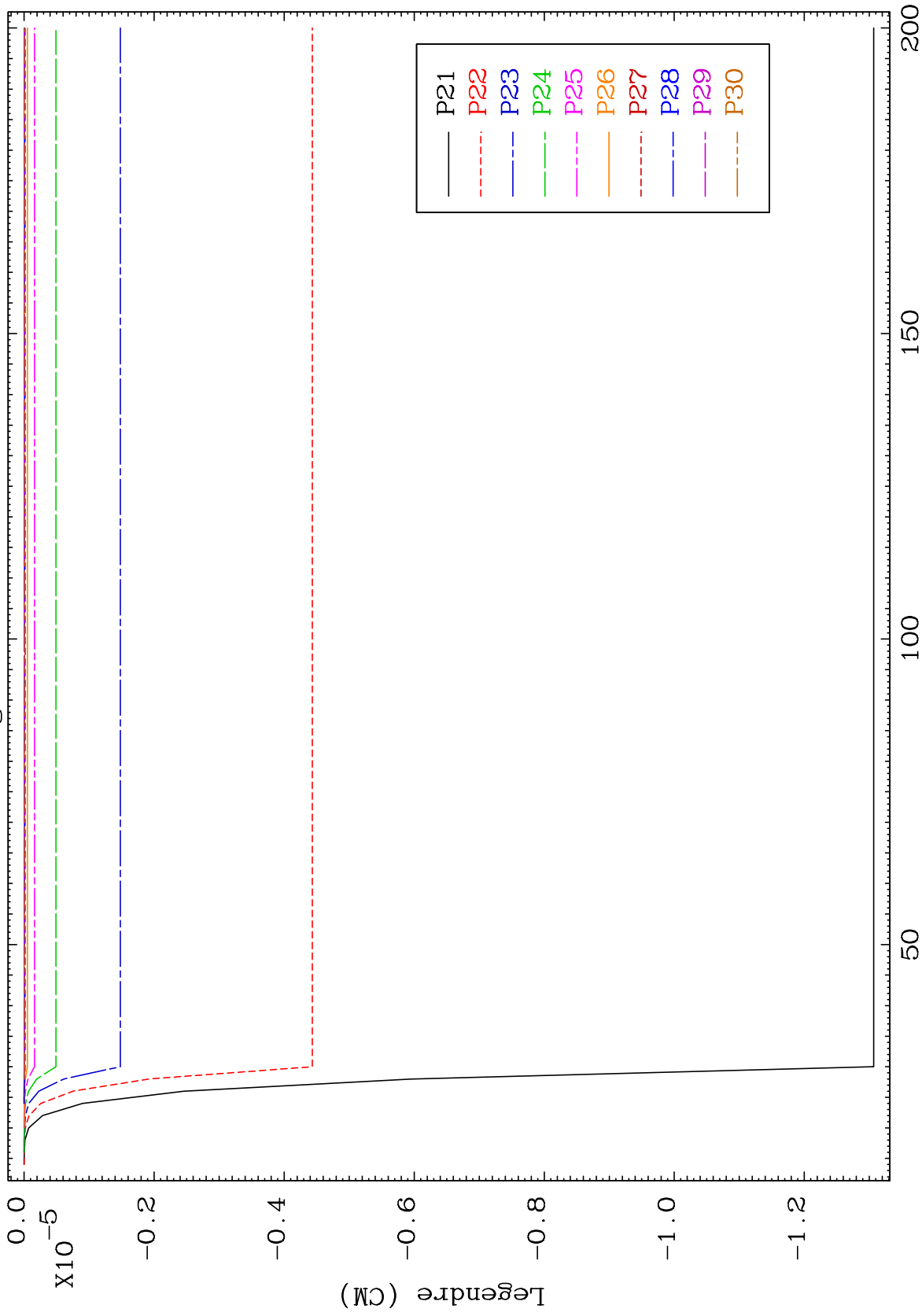
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



100

50

100

150

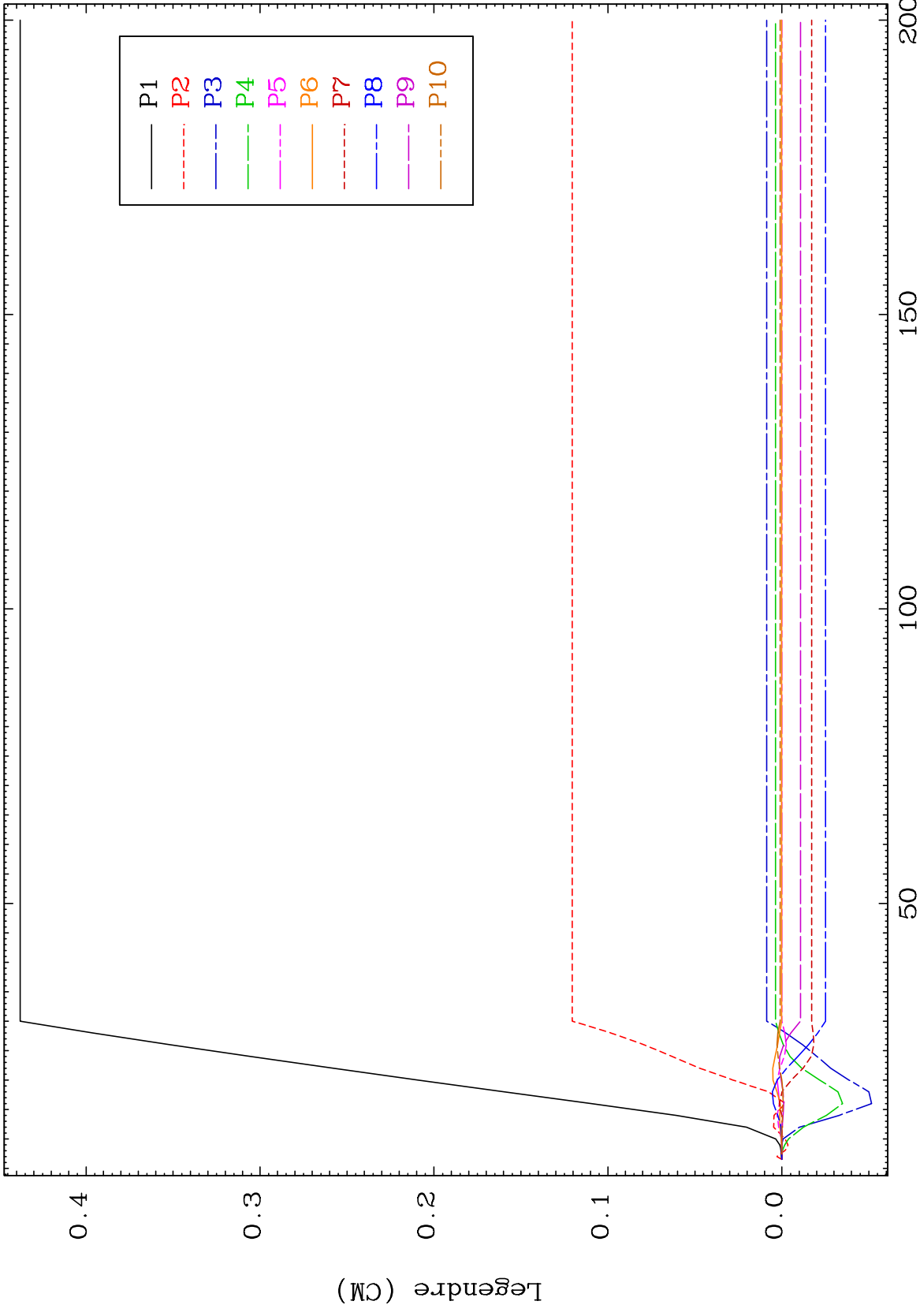
200

18-Ar-42

MAT 1843

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

18-Ar-42



101

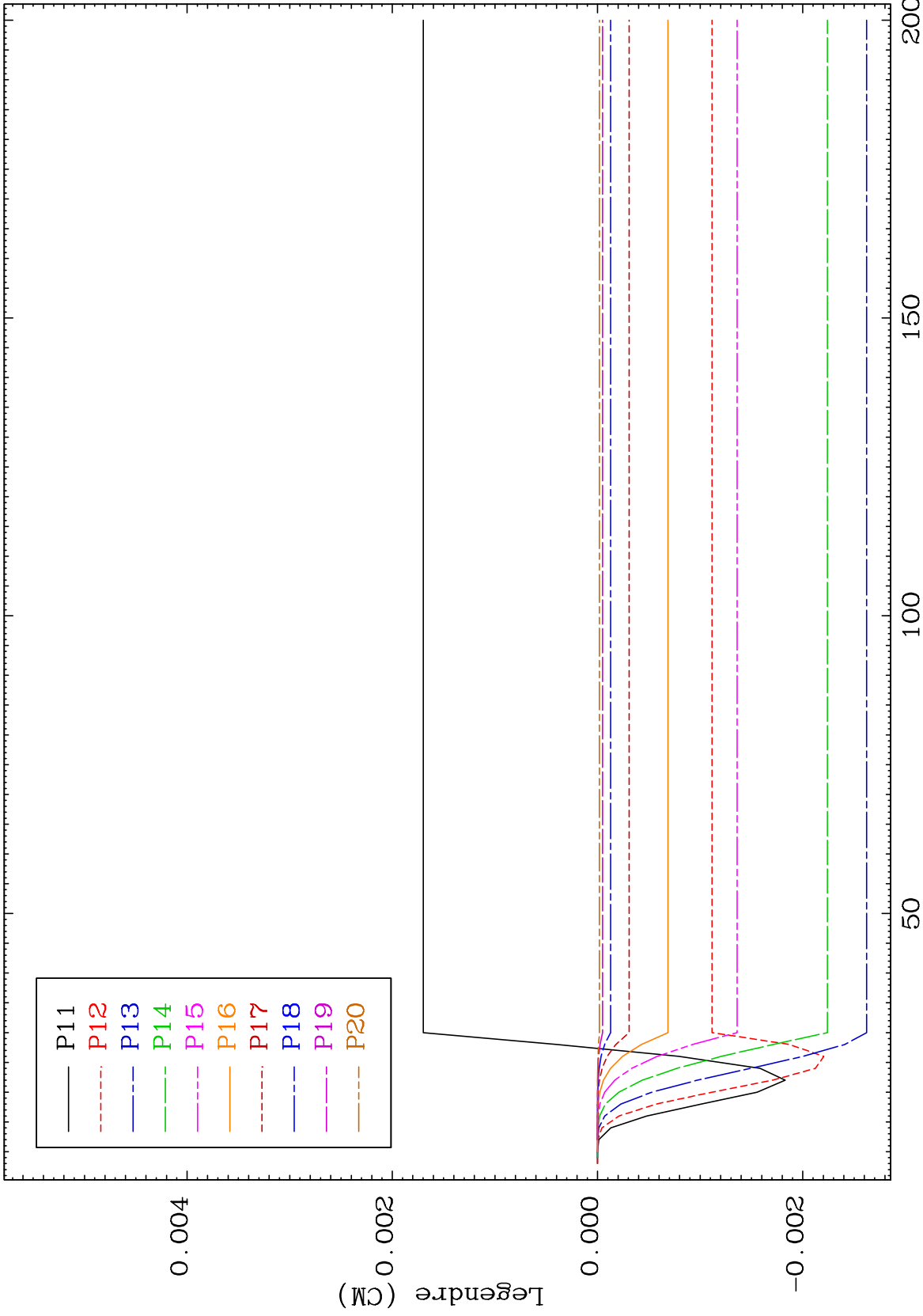
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



102

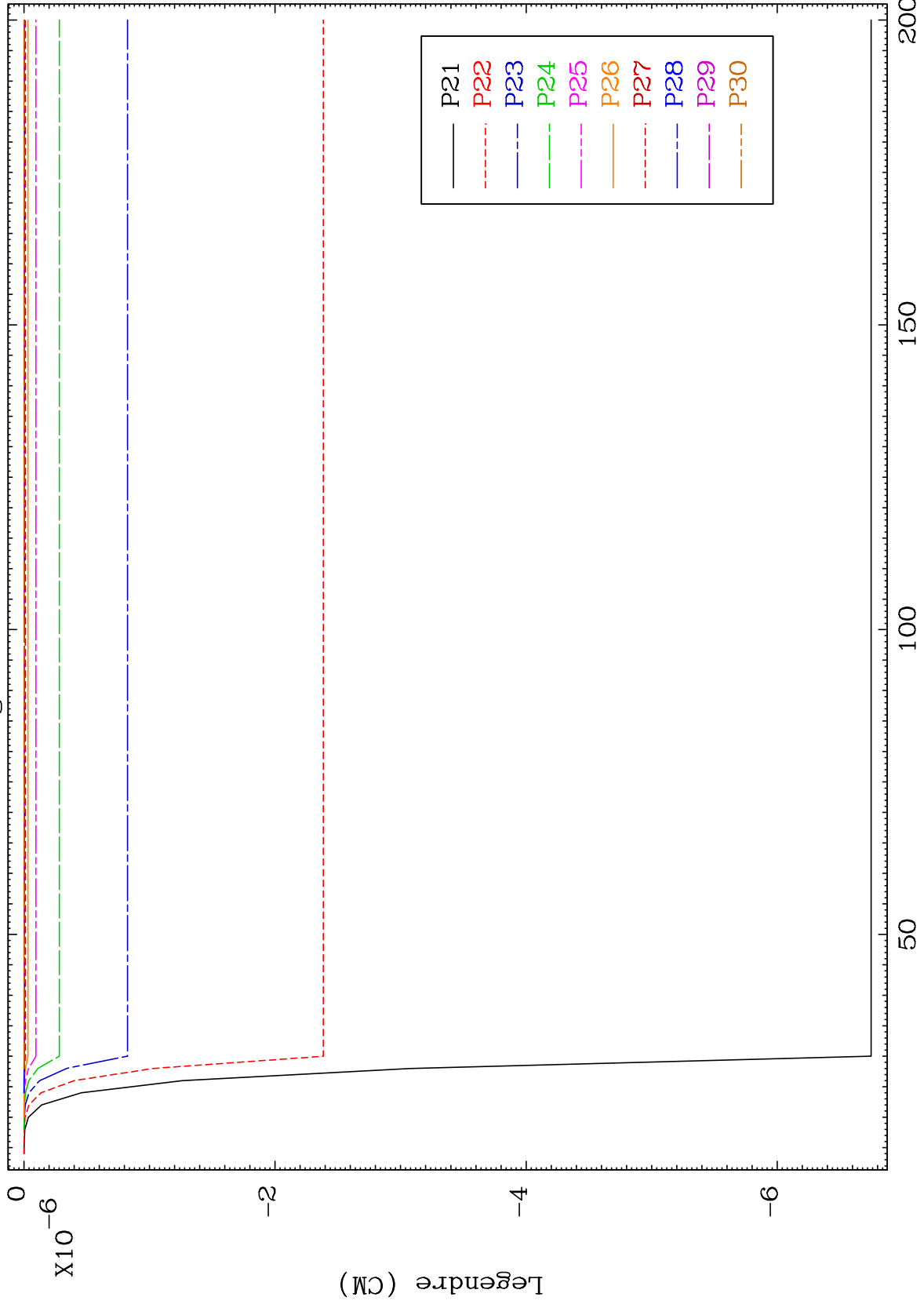
Incident Energy (MeV)

18-Ar-42

MAT 1843

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

18-Ar-42



103

18-Ar-42