

Program EVALPLOT  
(Version 2021-1)

by

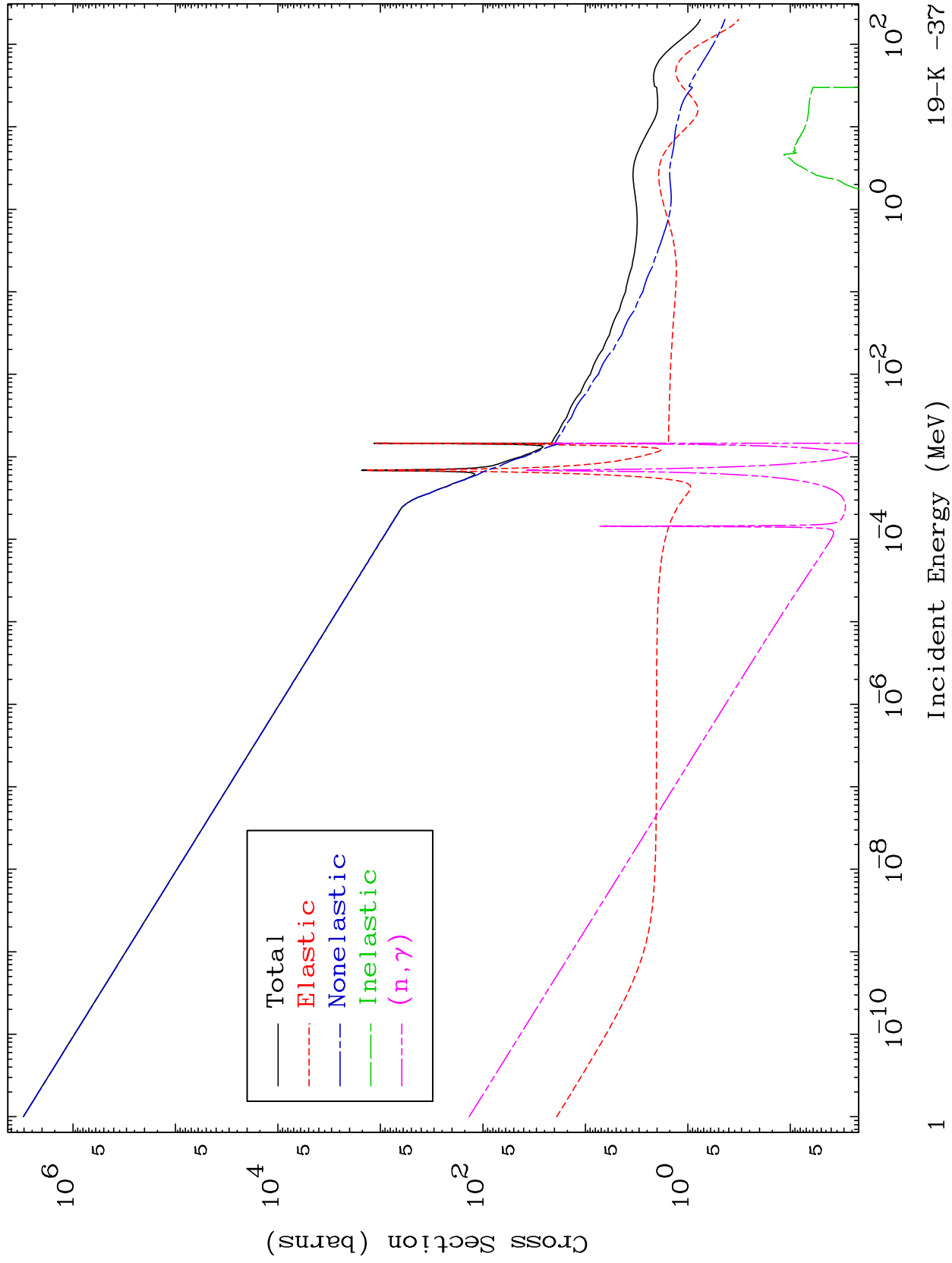
Dermott E. Cullen  
(Present Contact Information)

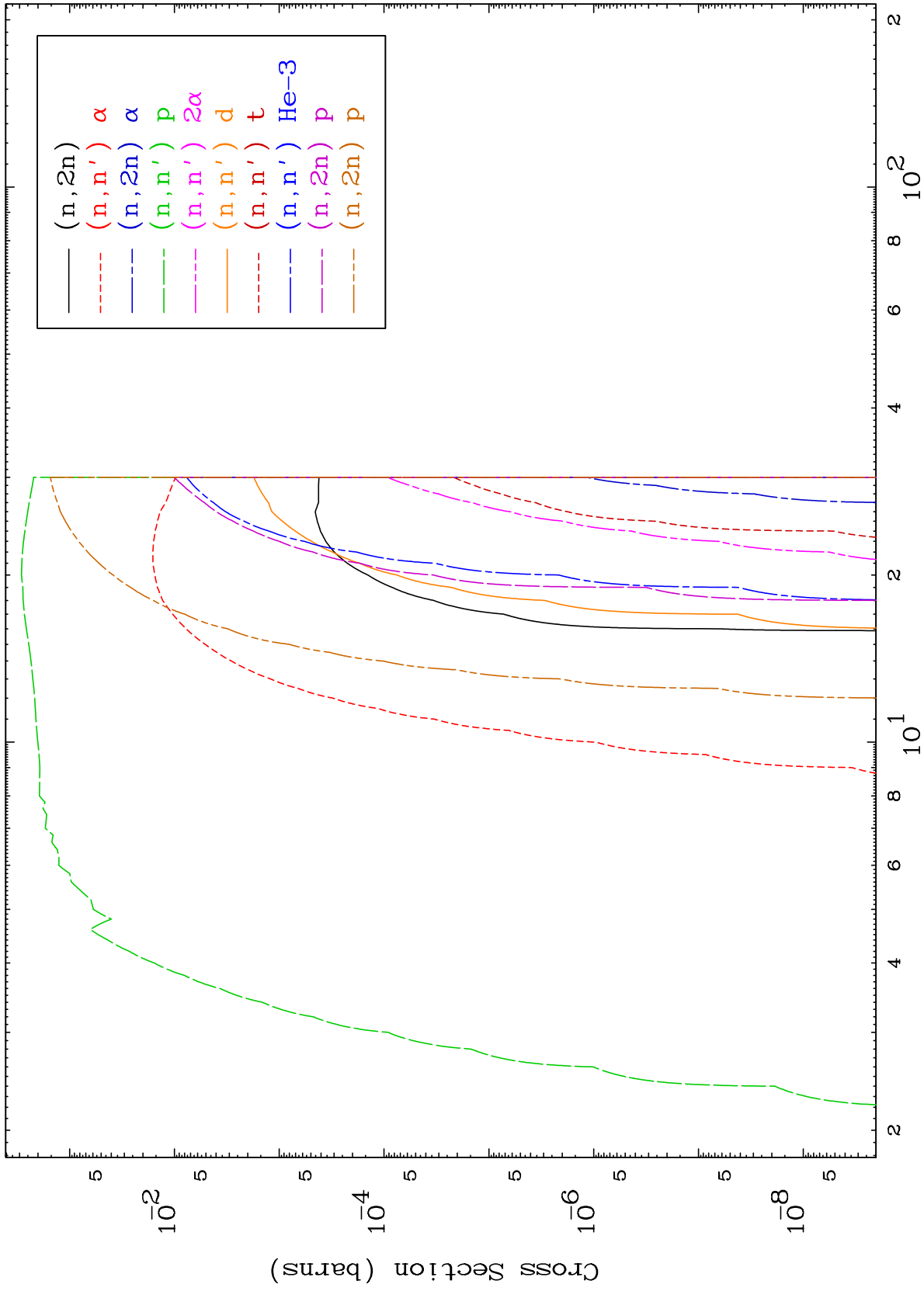
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

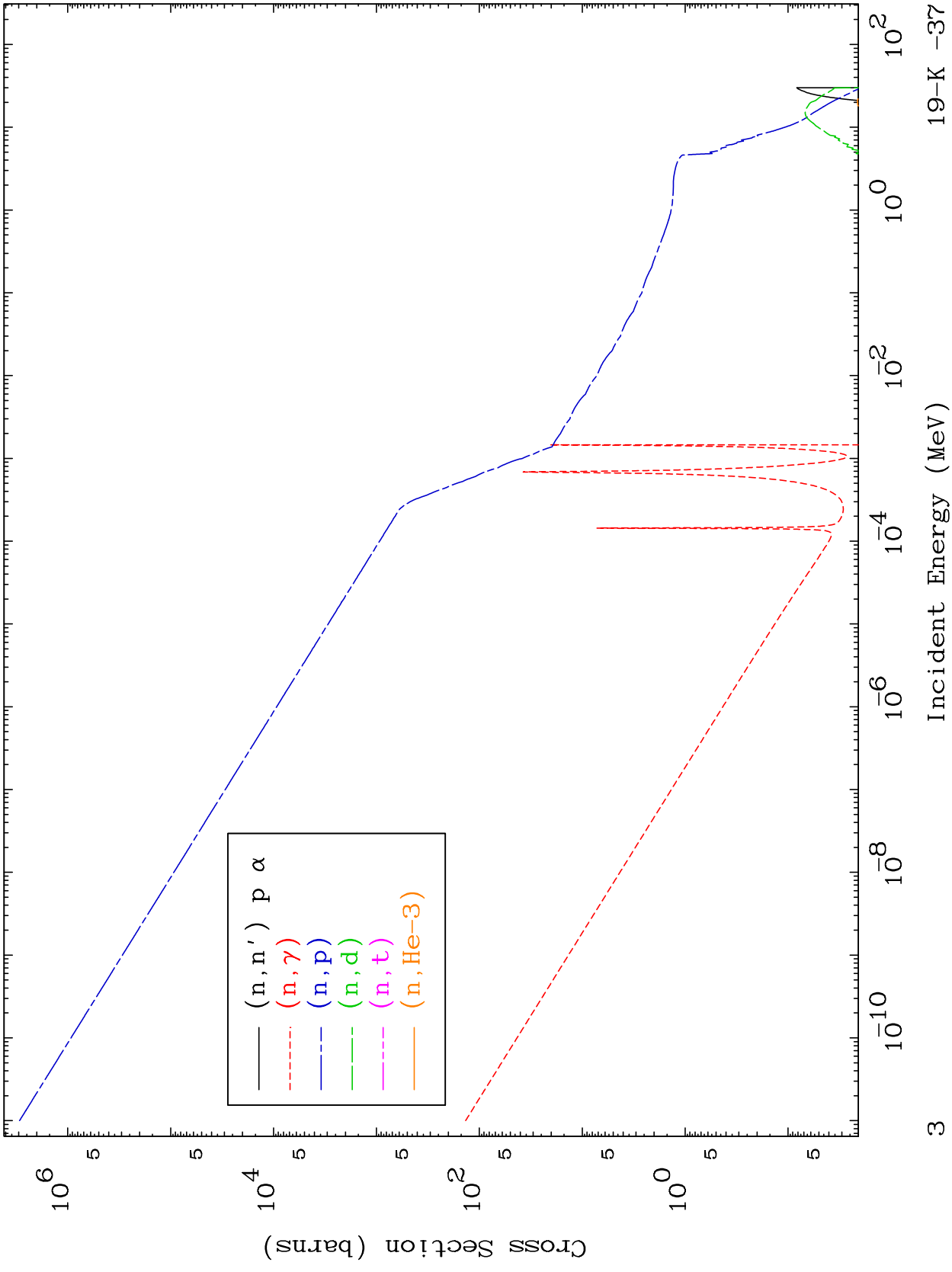
Tele: 925-443-1911

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

Press Mouse Button to Start



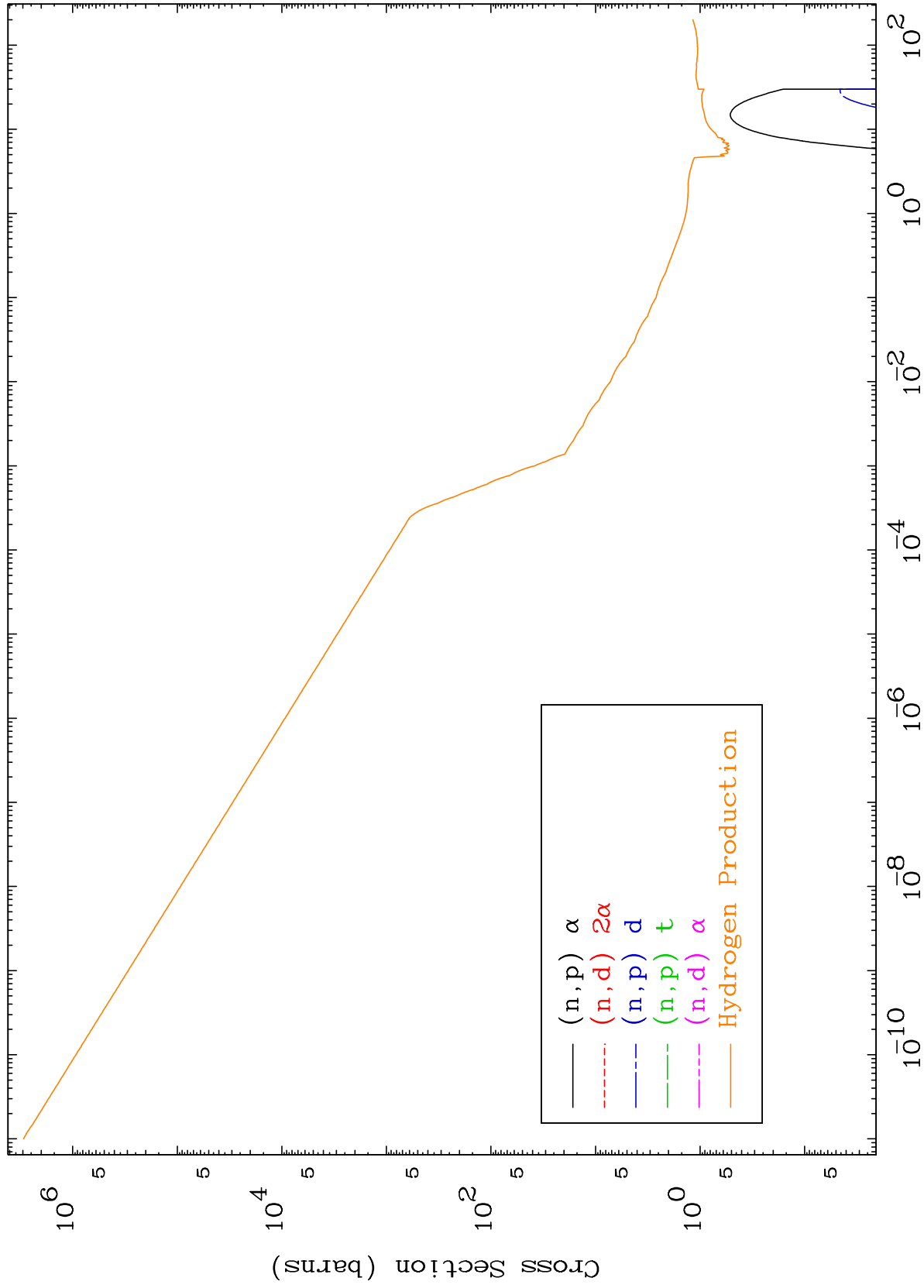




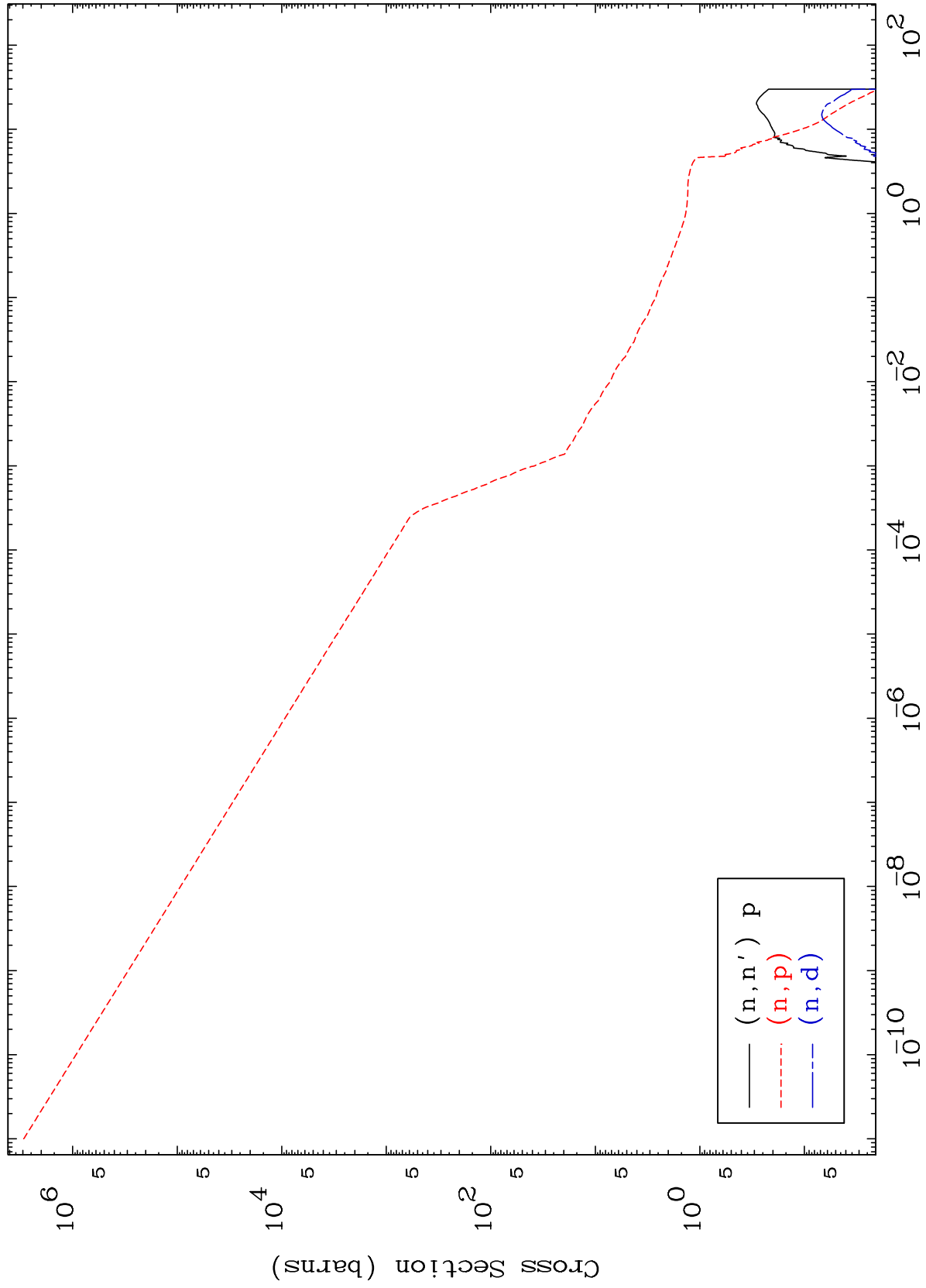
MAT 1919

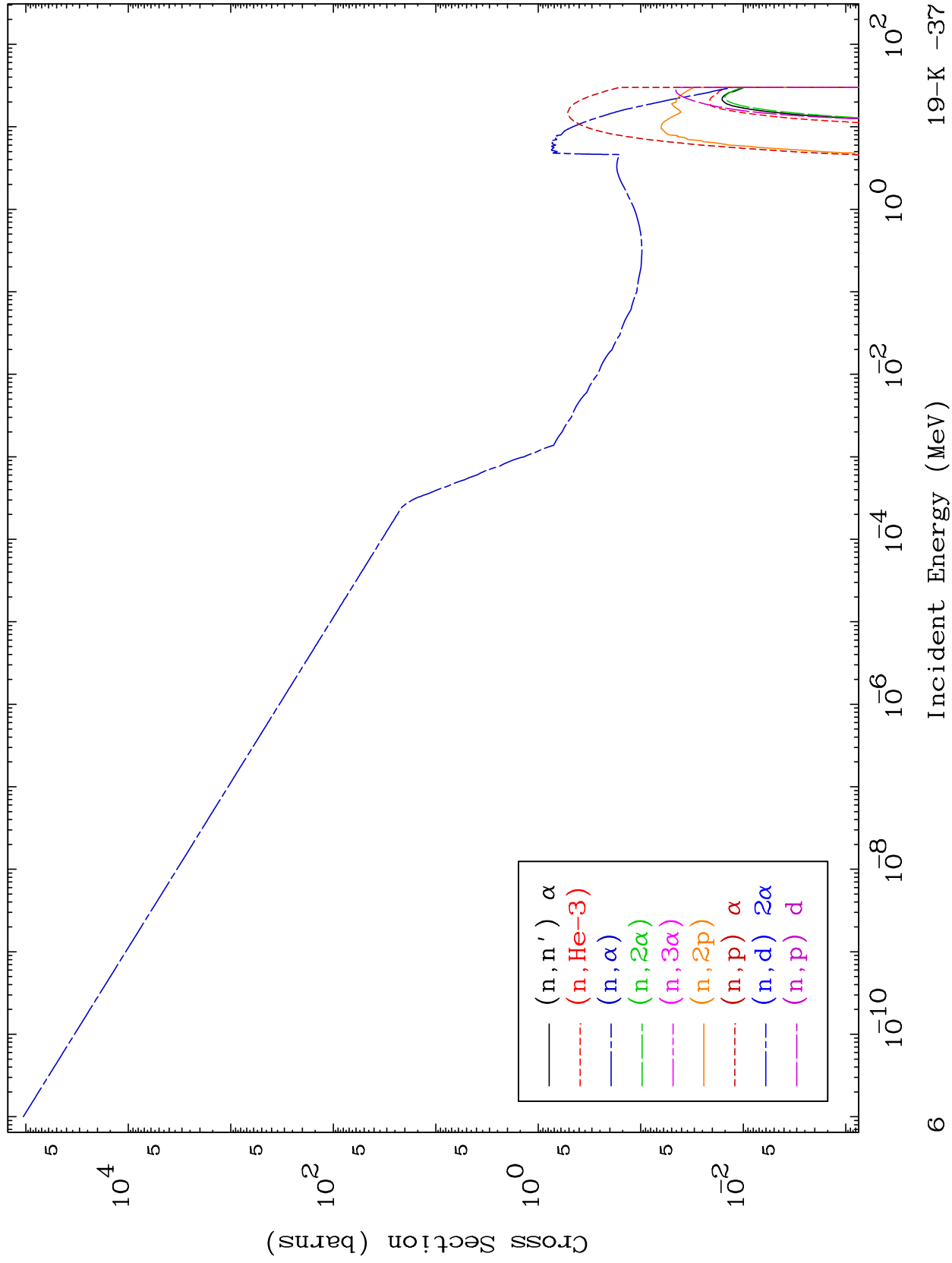
Neutron Absorption  
293 Kelvin Cross Sections

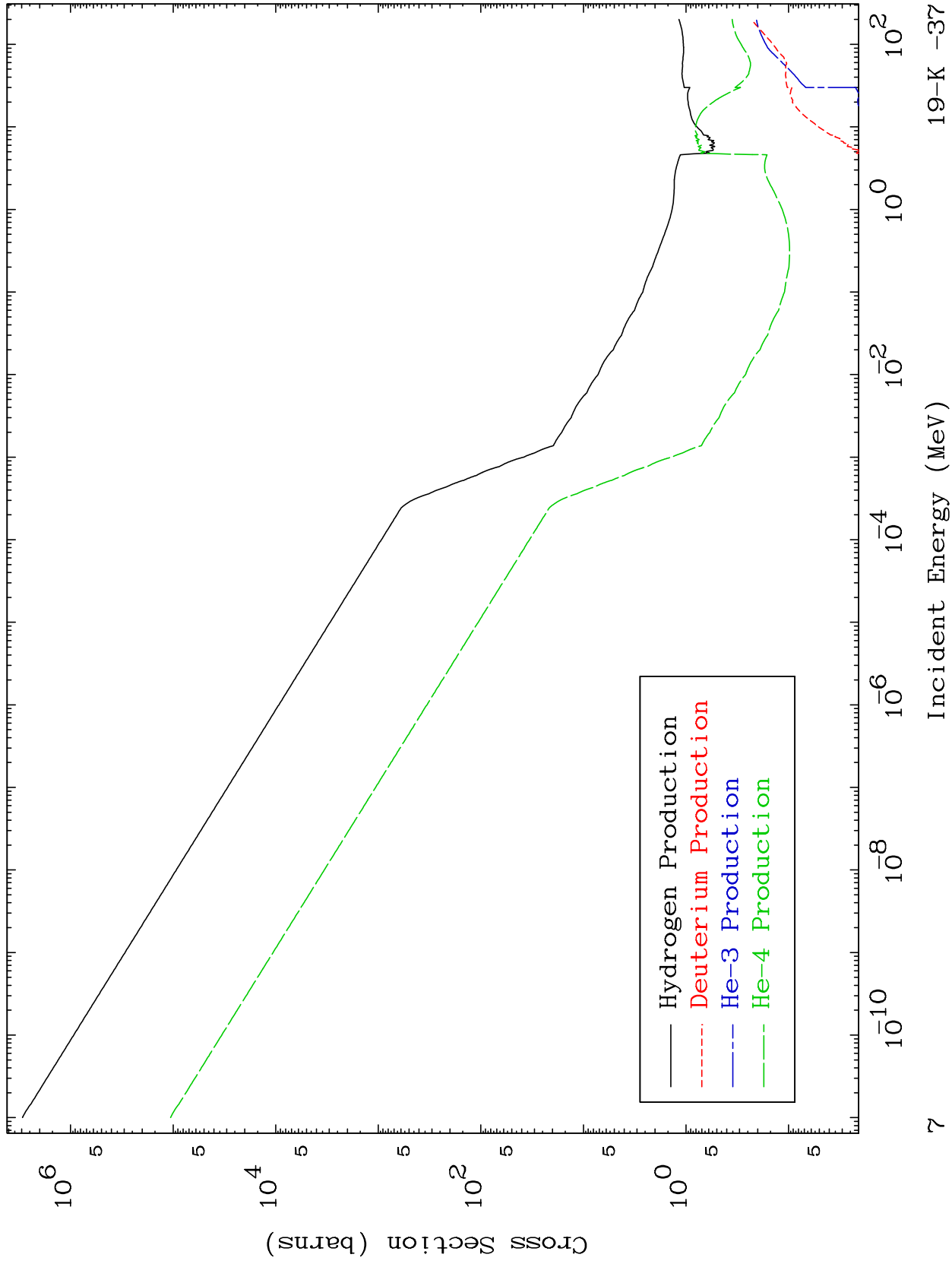
19-K -37



19-K -37





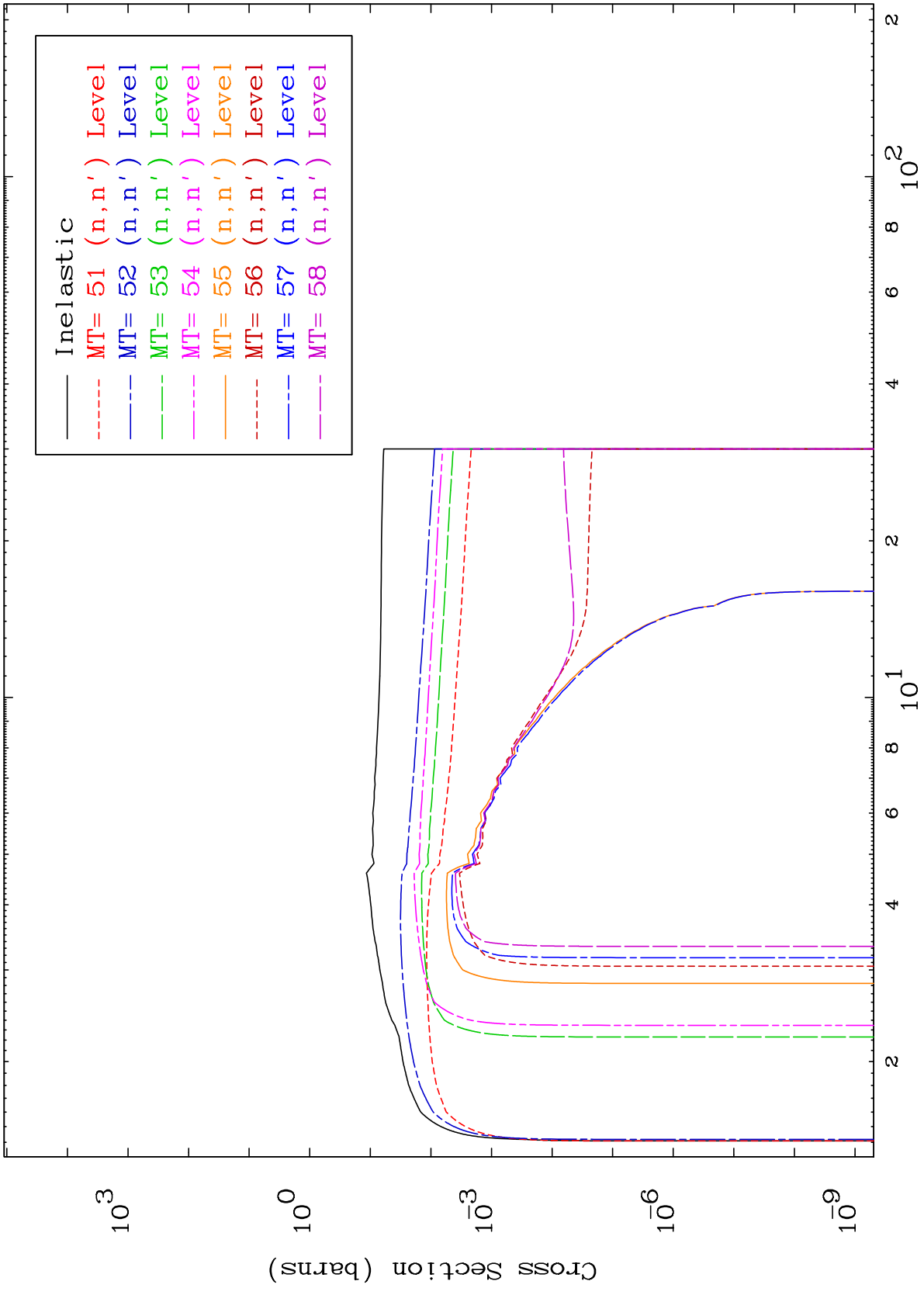




MAT 1919

(n,n') Levels  
293 Kelvin Cross Sections

19-K -37

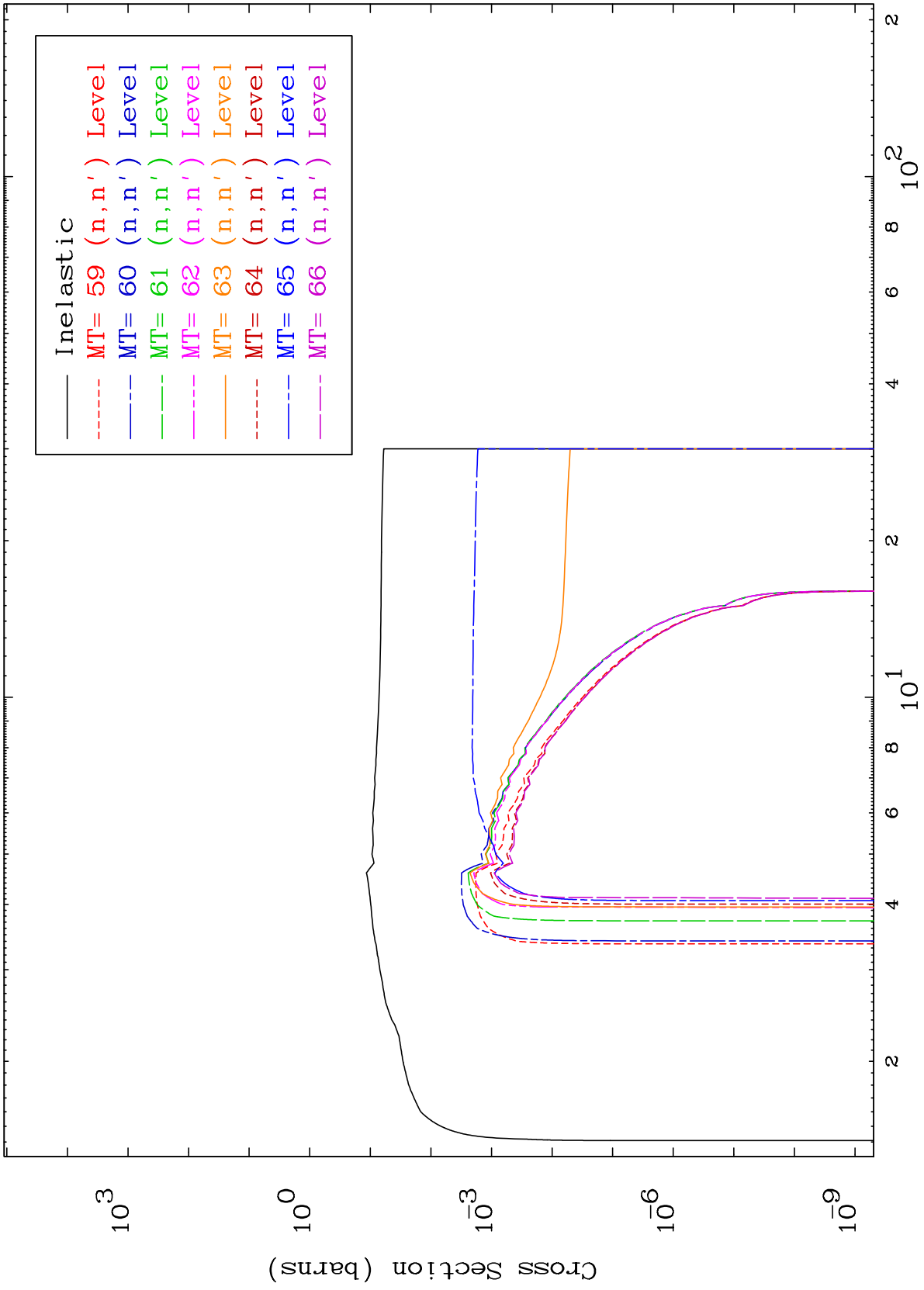


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Incident Energy (MeV)

19-K -37

293 Kelvin Cross Sections

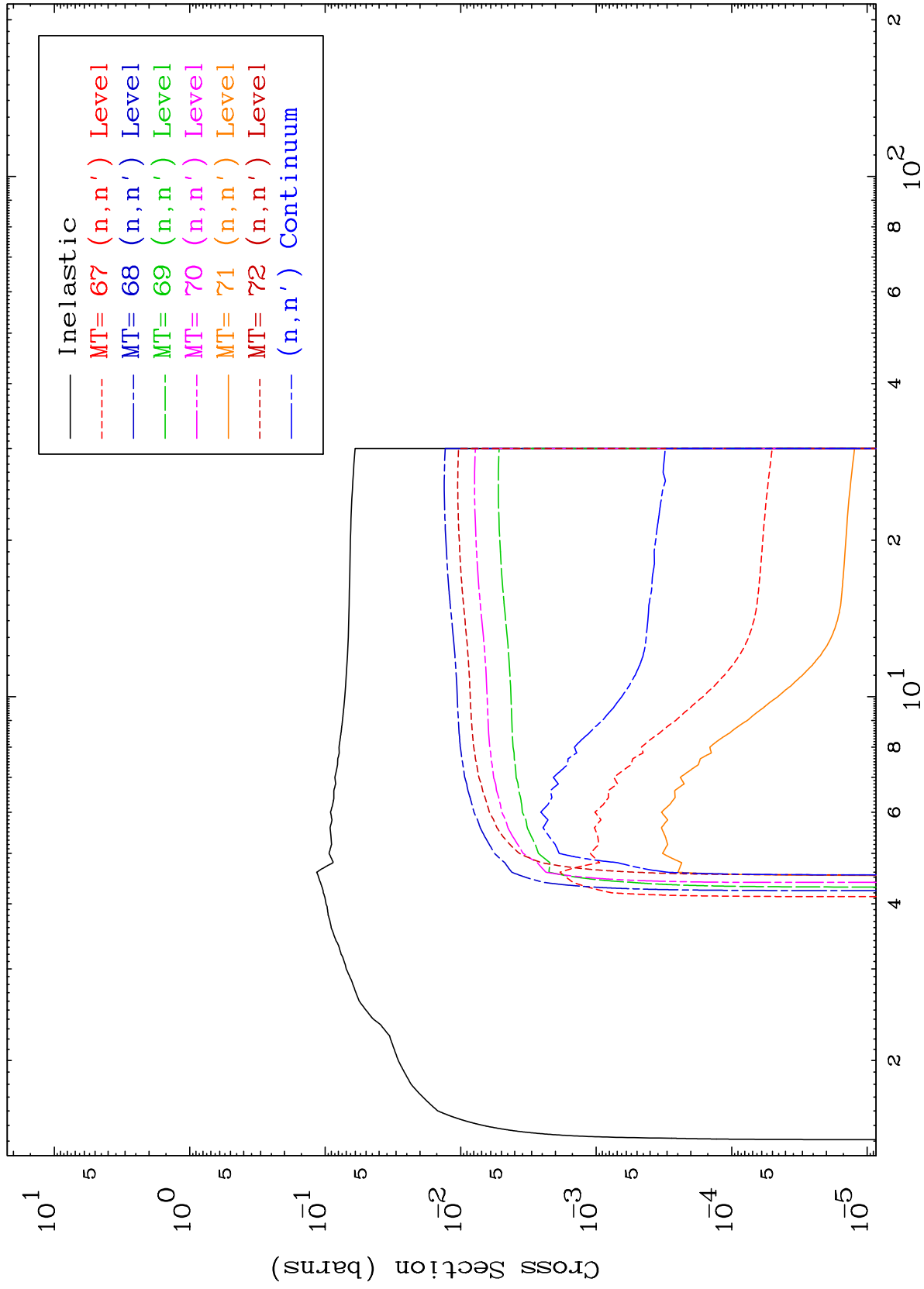


MAT 1919

(n,n') Levels

293 Kelvin Cross Sections

19-K -37



10

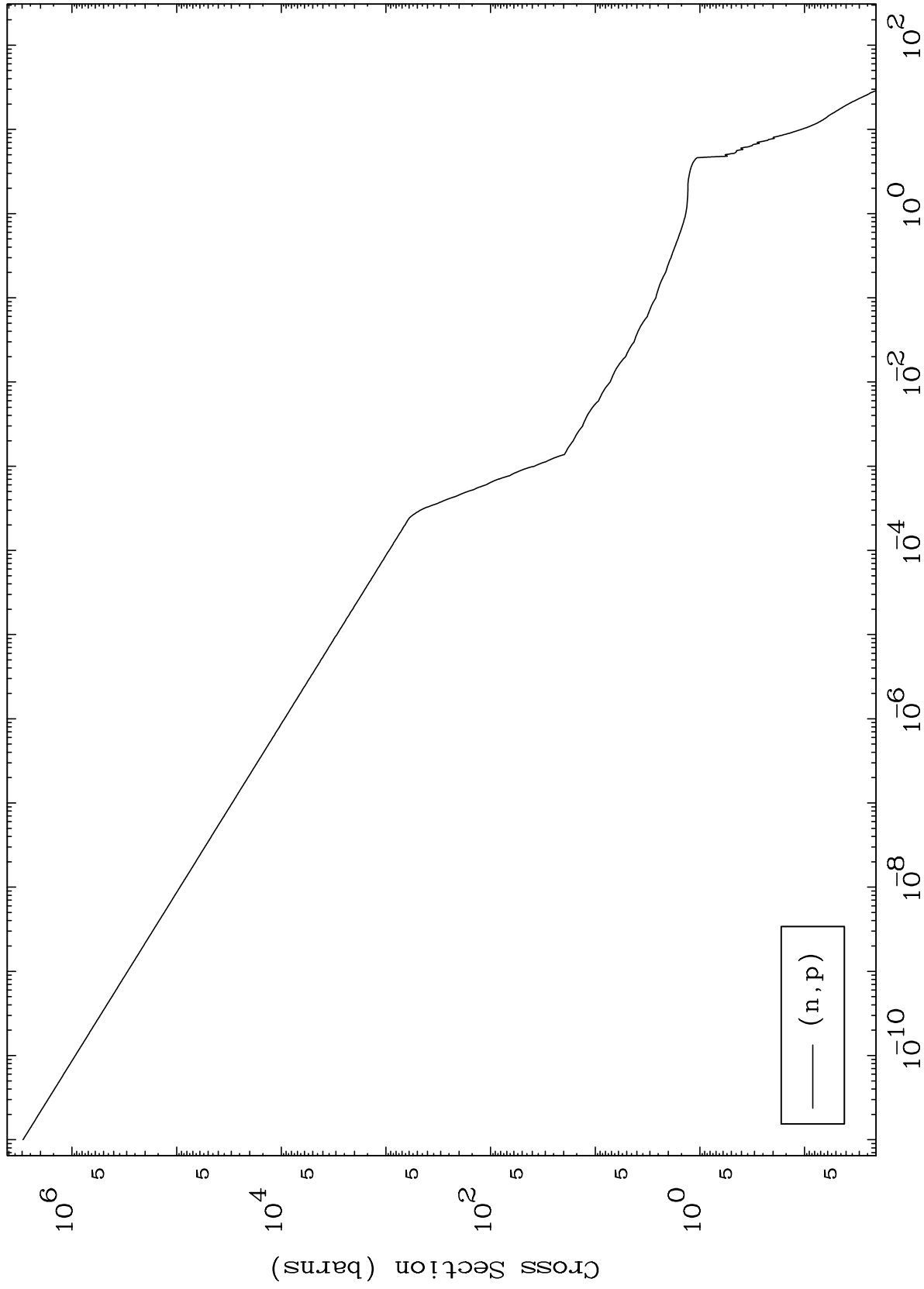
Incident Energy (MeV)

19-K -37

MAT 1919

293 Kelvin Cross Sections  
(n,p) Levels

19-K -37

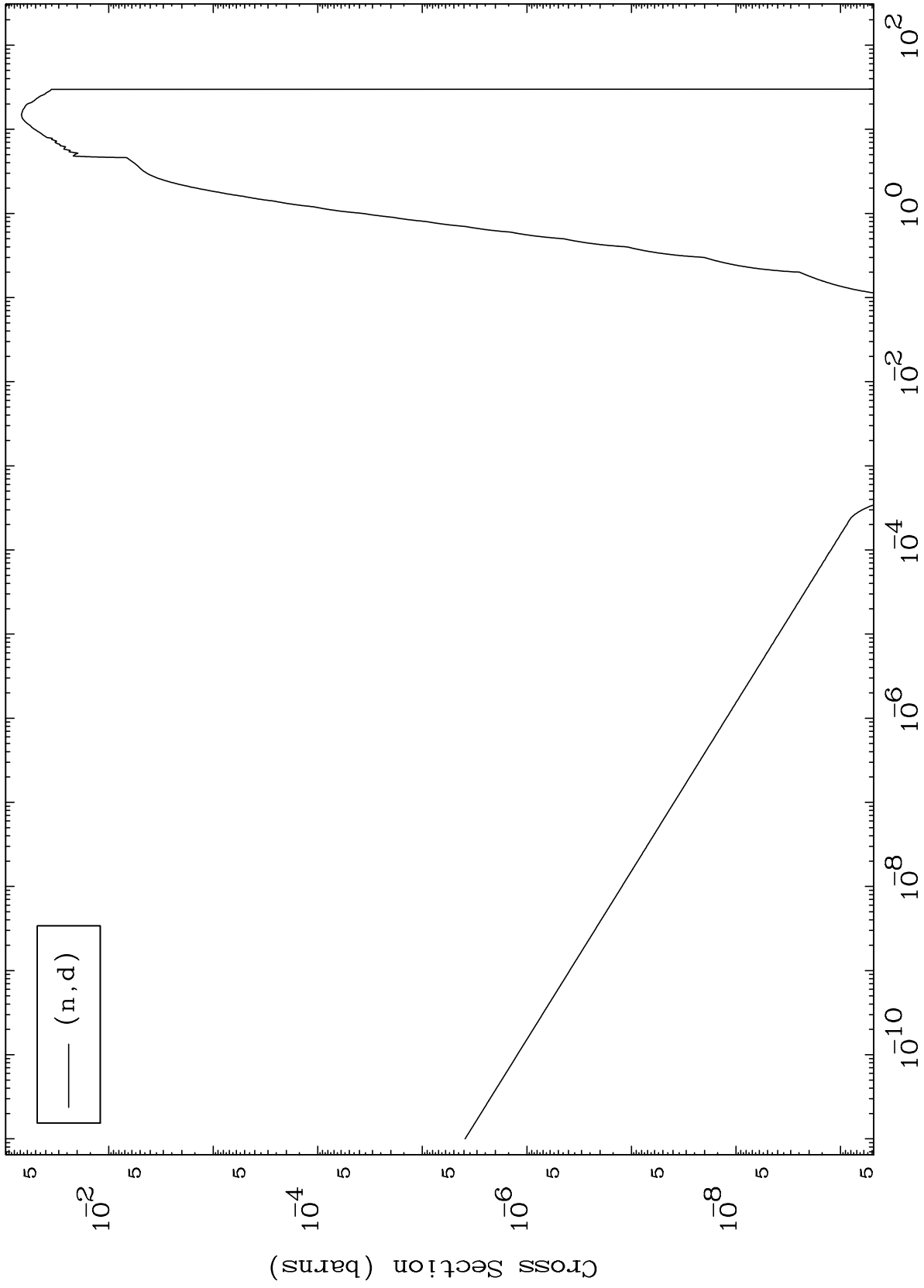


— (n, p)

MAT 1919

(n,d) Levels  
293 Kelvin Cross Sections

19-K -37



12

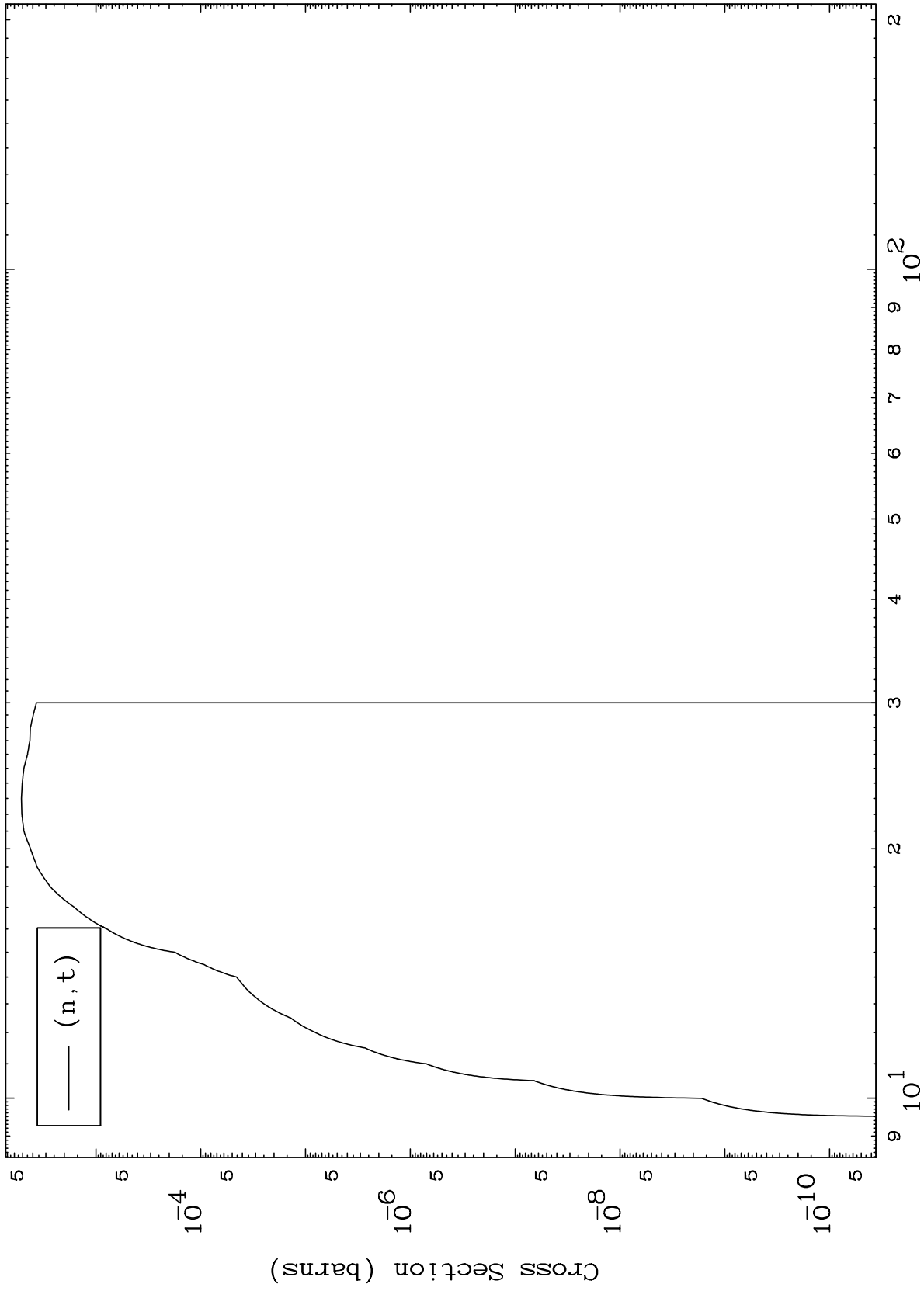
Incident Energy (MeV)

19-K -37

MAT 1919

(n,t) Levels  
293 Kelvin Cross Sections

19-K -37



13

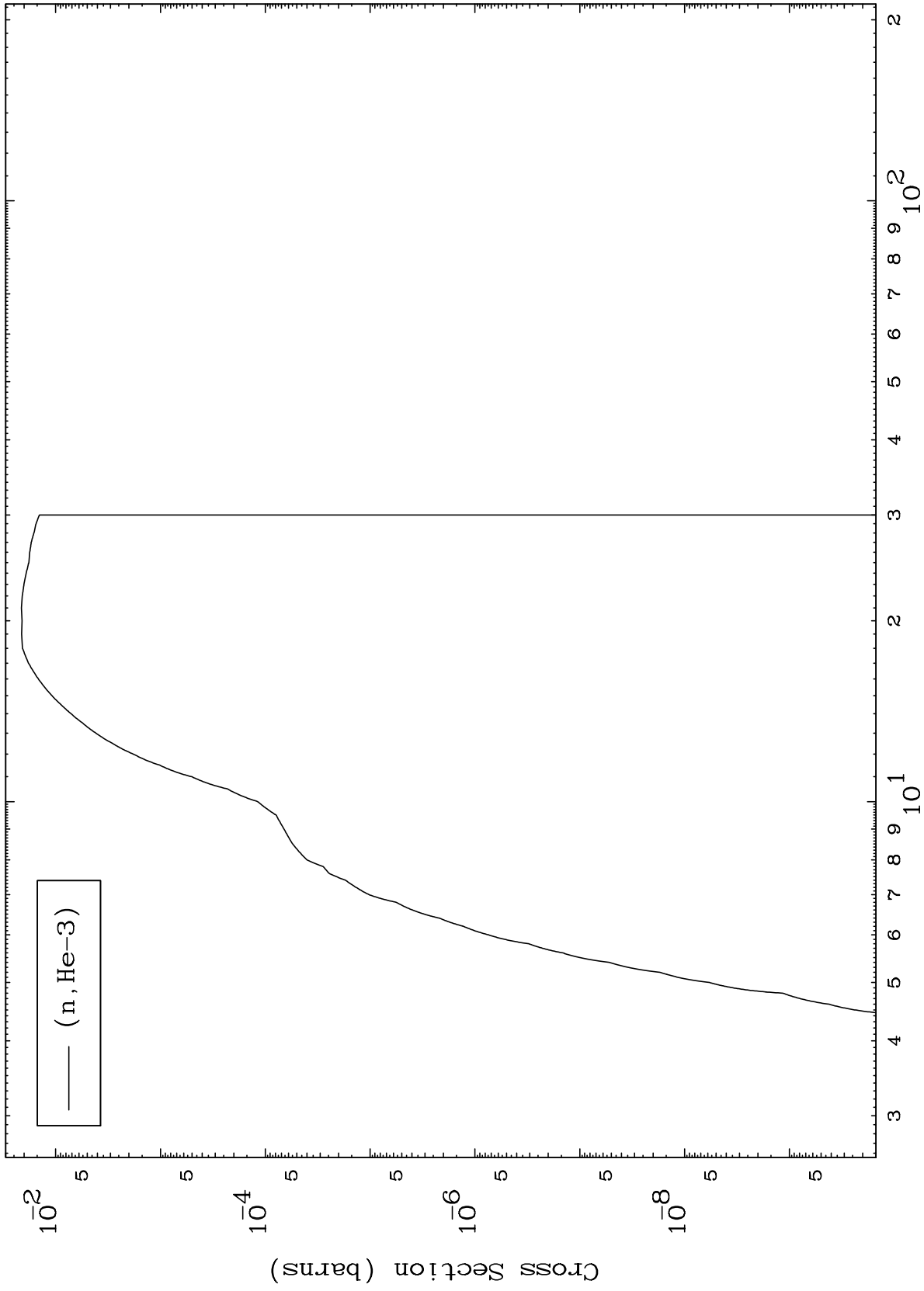
Incident Energy (MeV)

19-K -37

MAT 1919

(n,He3) Levels  
293 Kelvin Cross Sections

19-K -37



14

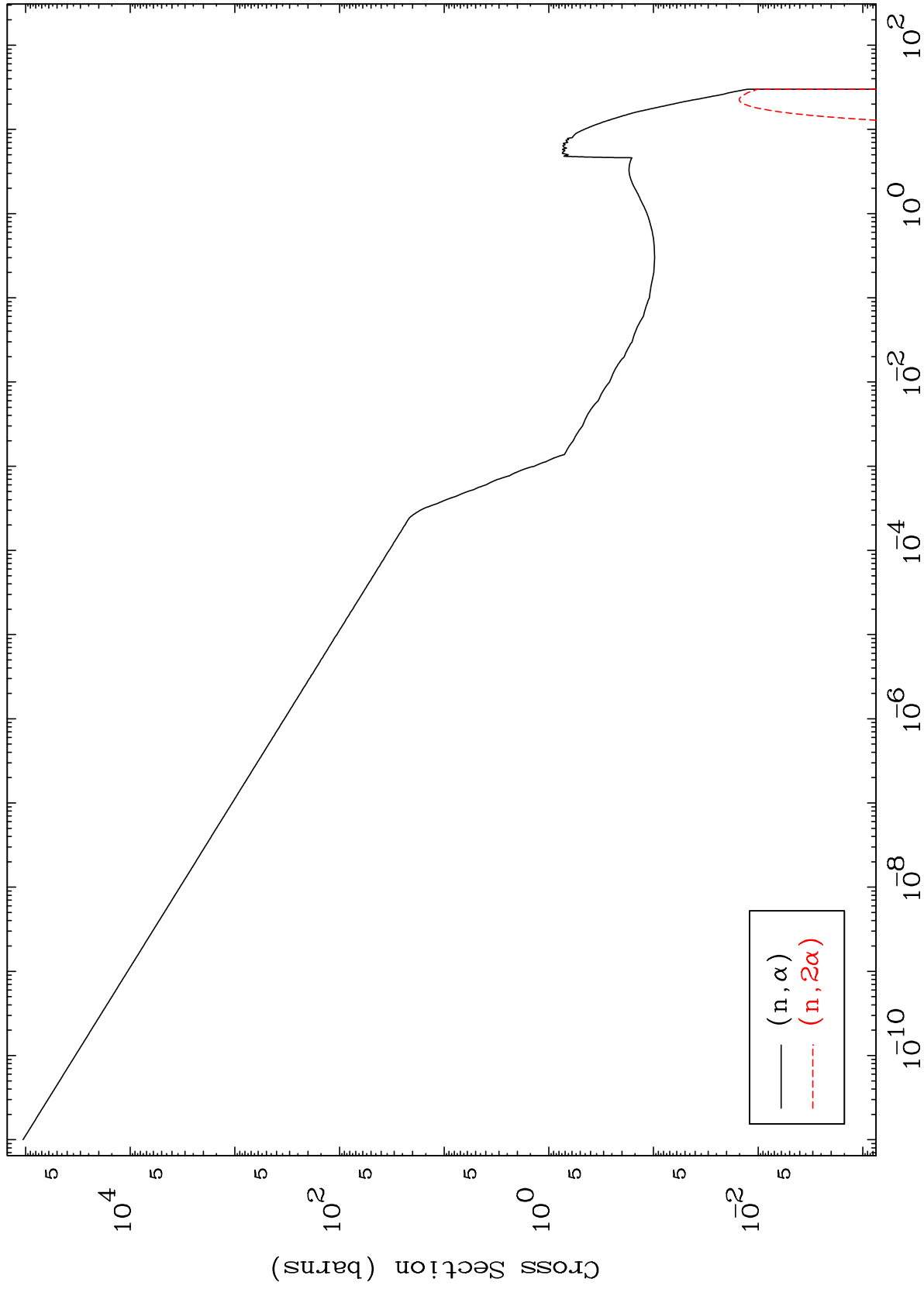
Incident Energy (MeV)

19-K -37

MAT 1919

(n, $\alpha$ ) Levels  
293 Kelvin Cross Sections

19-K -37



15

Incident Energy (MeV)

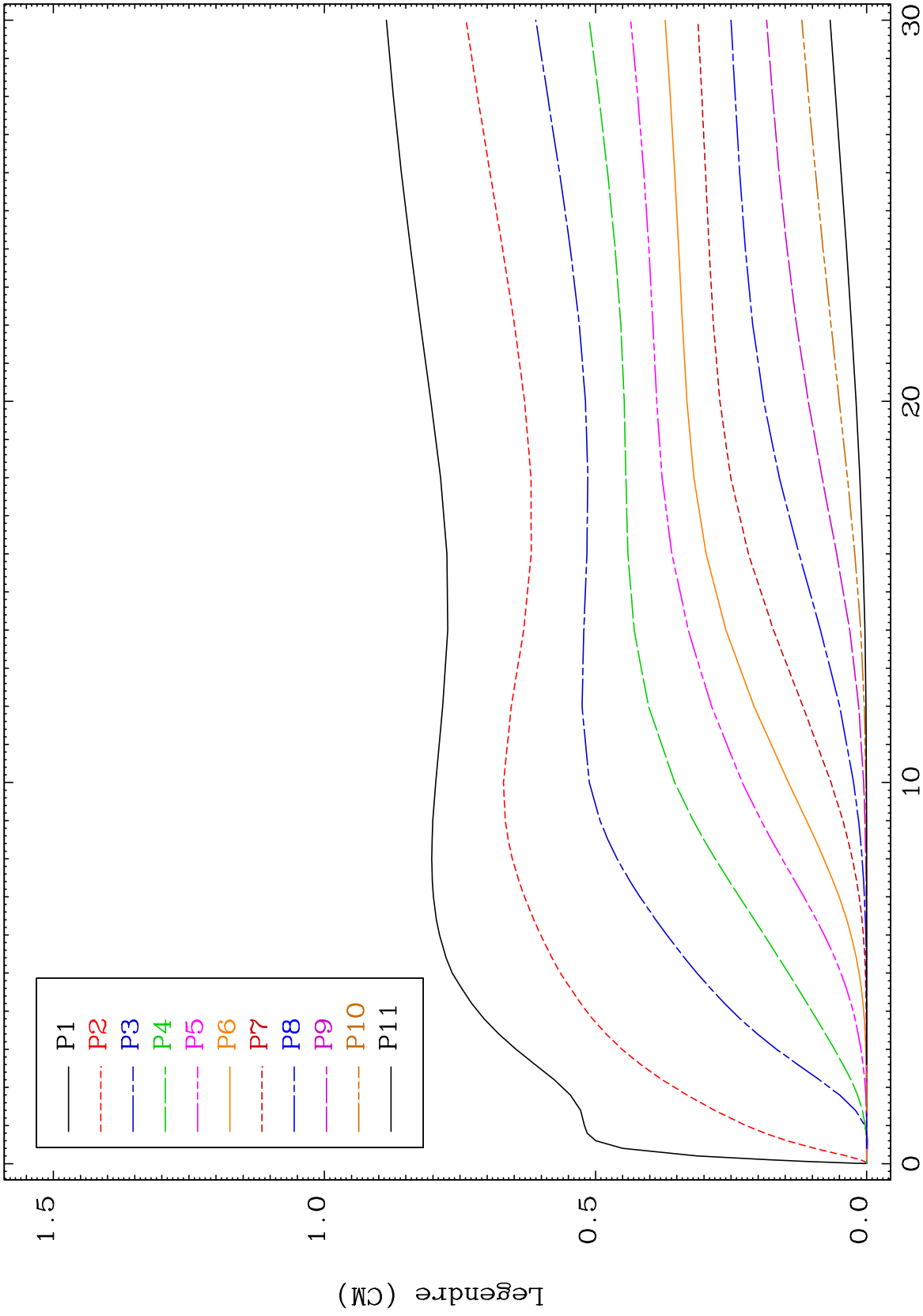
19-K -37



MAT 1919

Elastic Legendre Coefficients

19-K -37



16

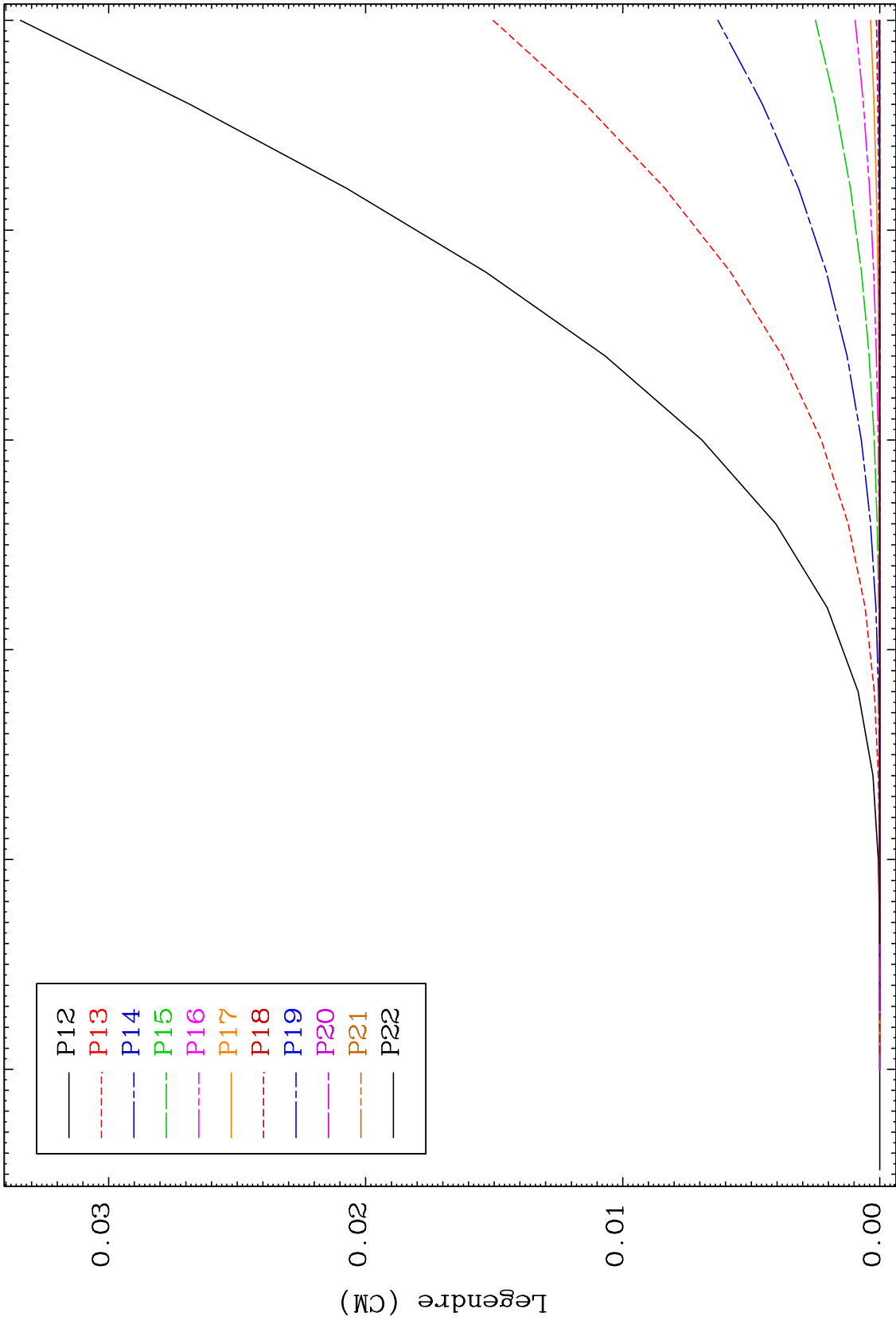
Incident Energy (MeV)

19-K -37

MAT 1919

Elastic Legendre Coefficients

19-K -37



17

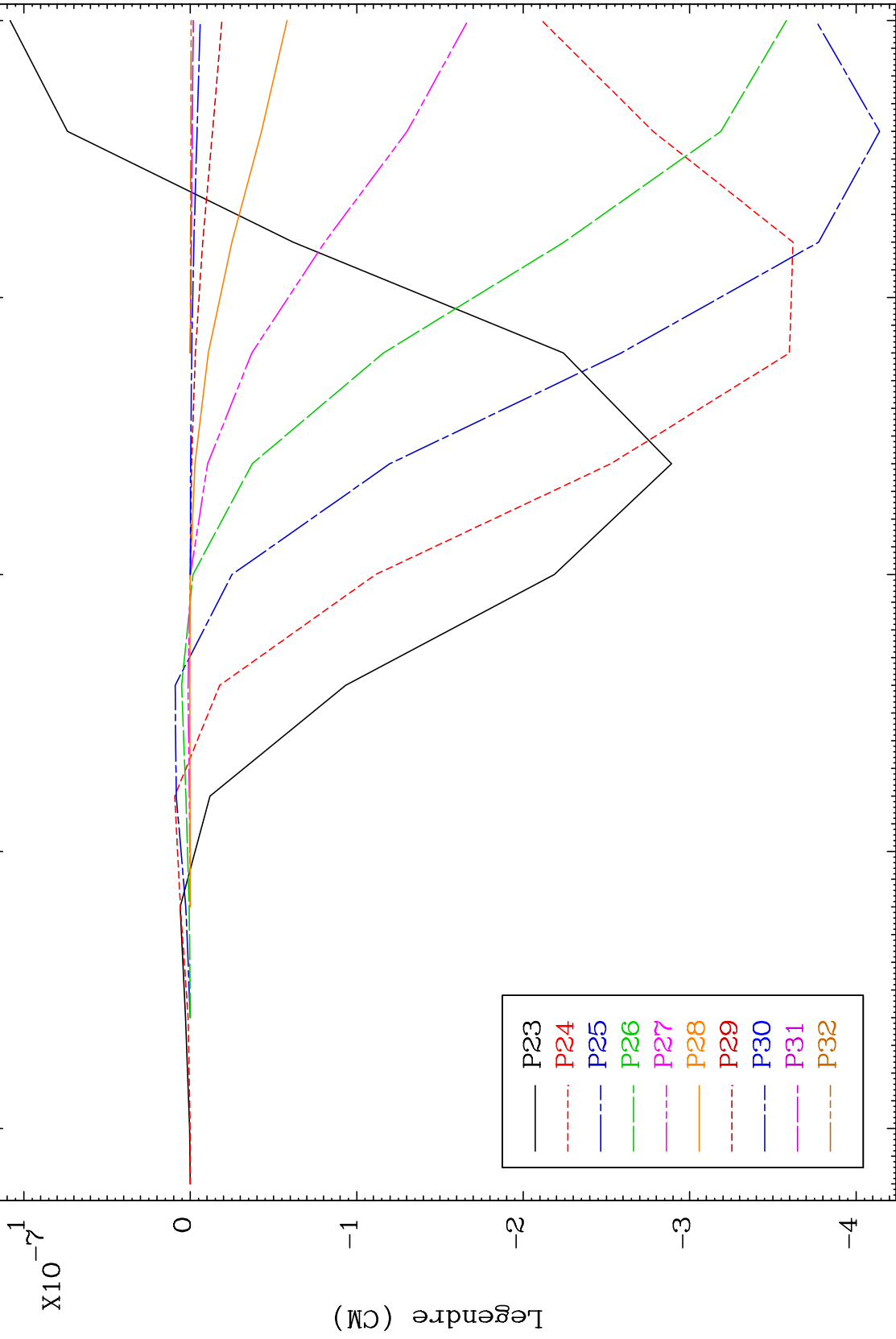
Incident Energy (MeV)

19-K -37

MAT 1919

Elastic Legendre Coefficients

19-K -37



18

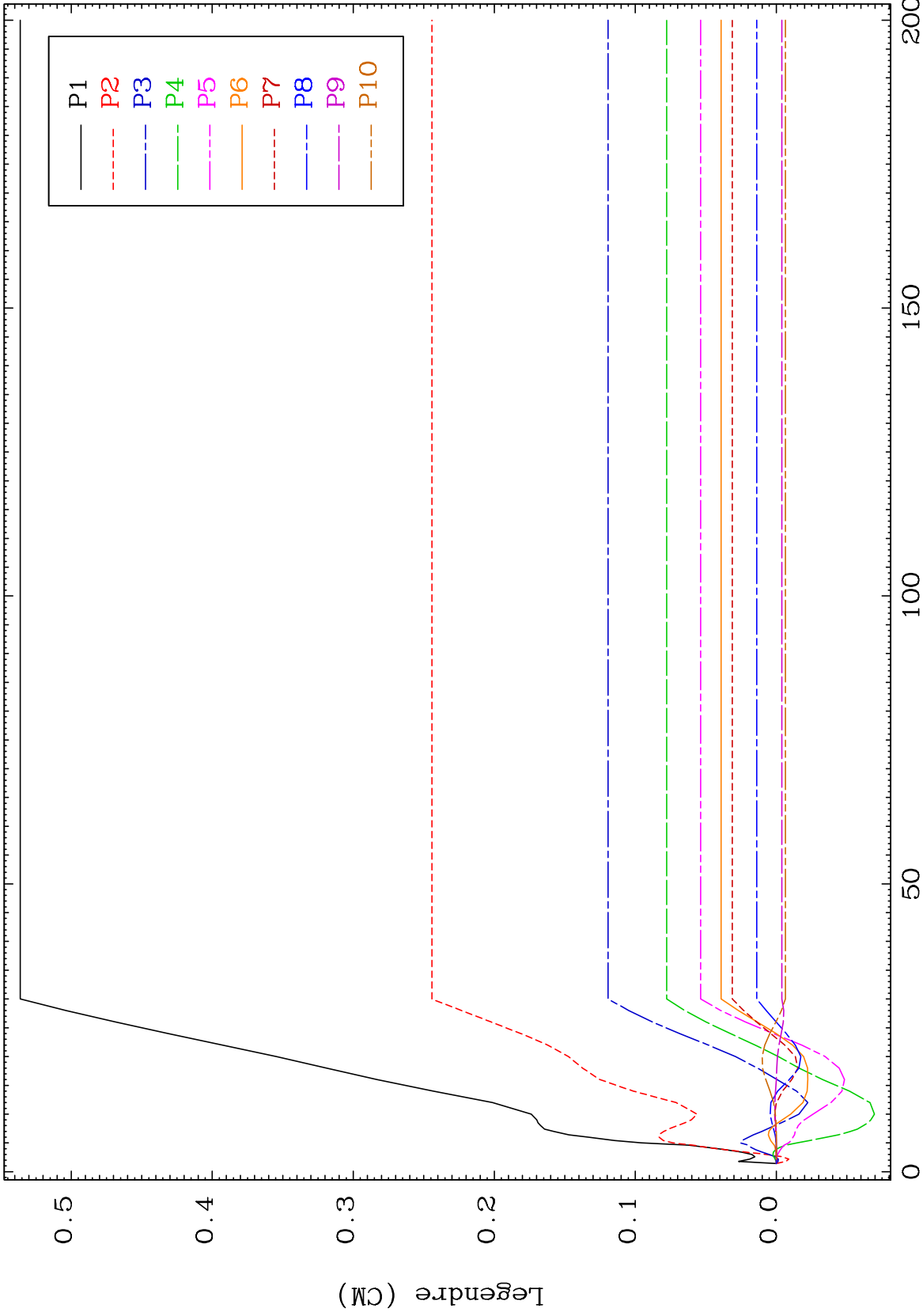
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



19

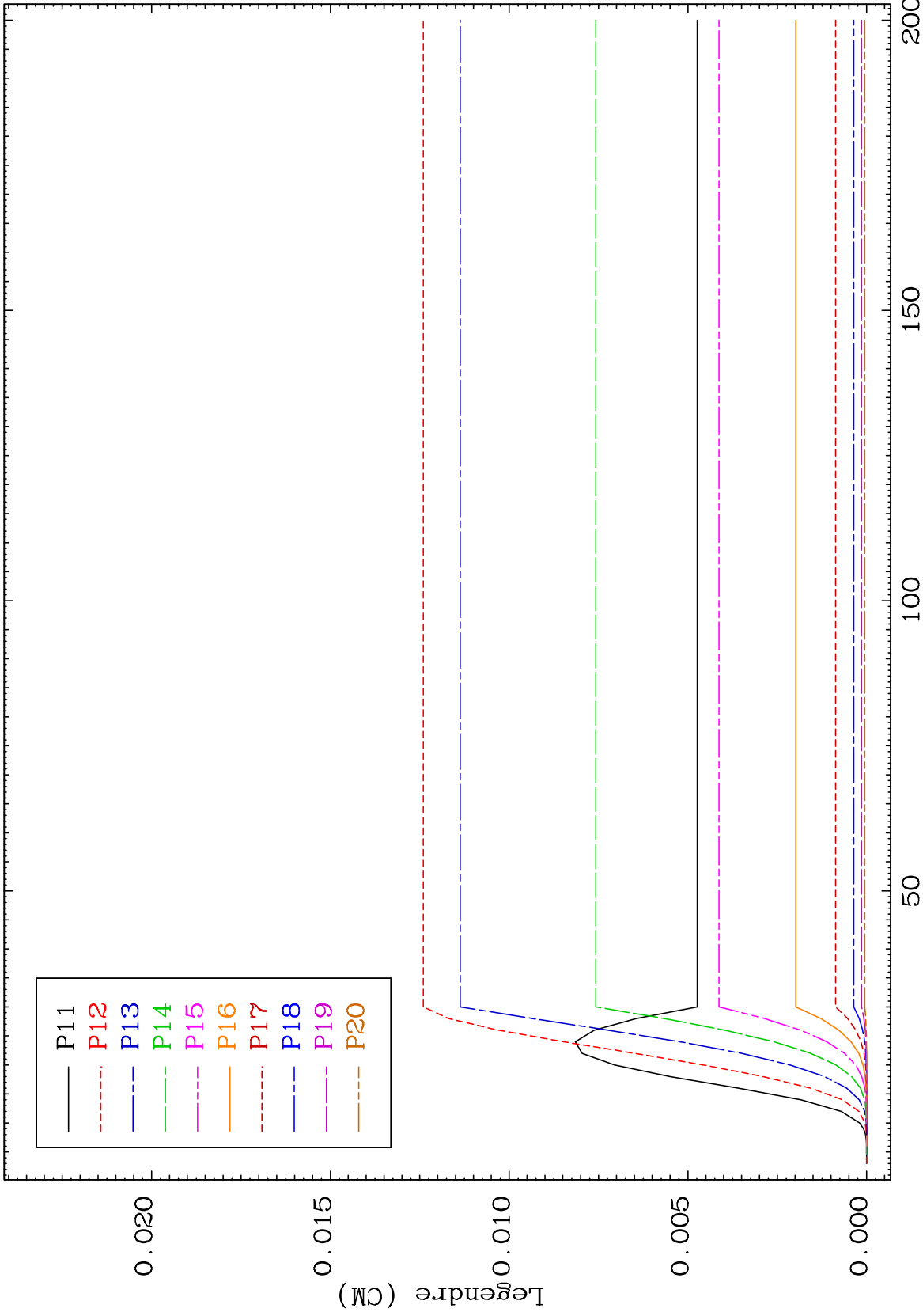
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



20

Incident Energy (MeV)

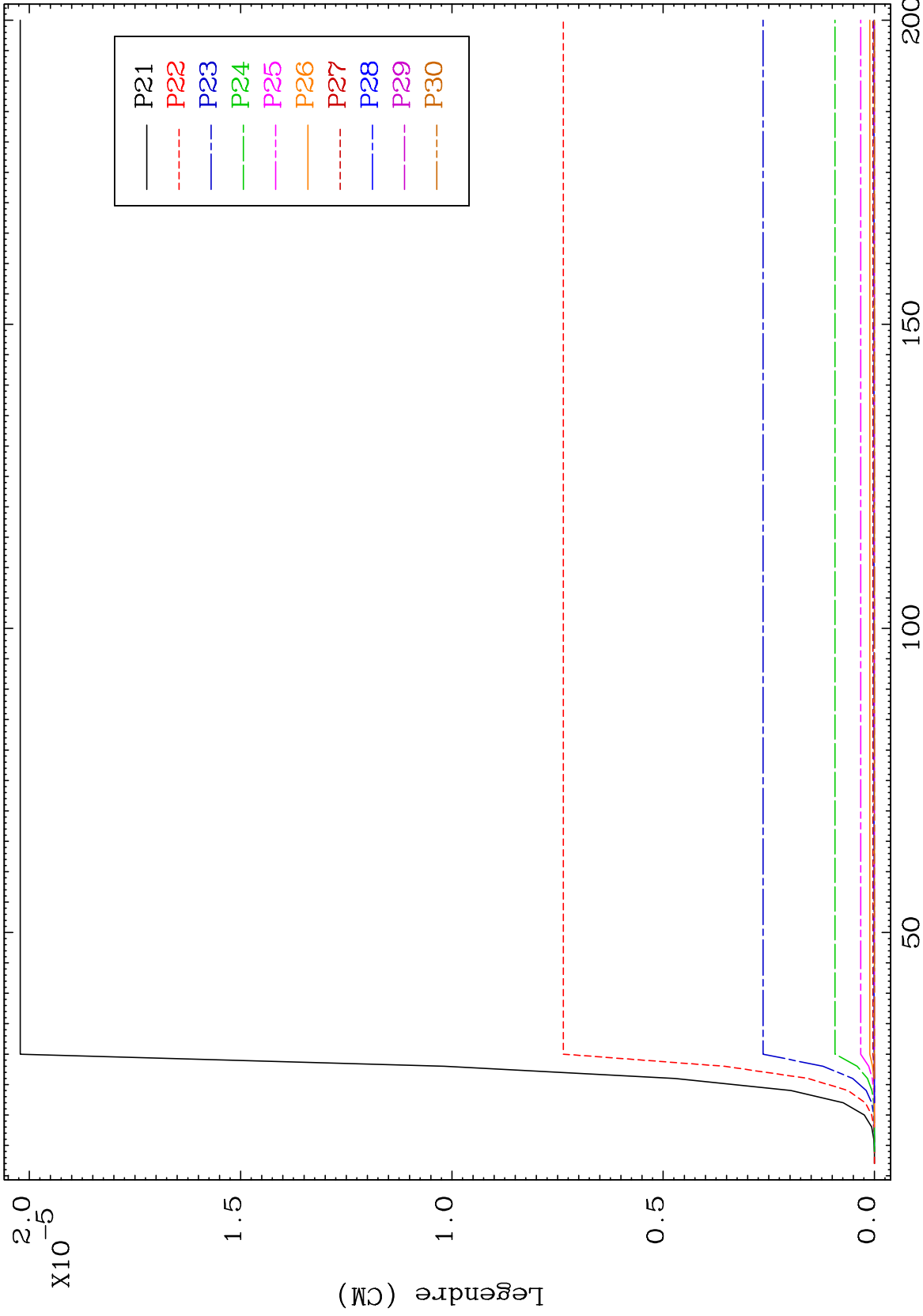
150

19-K -37

MAT 1919

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

19-K -37



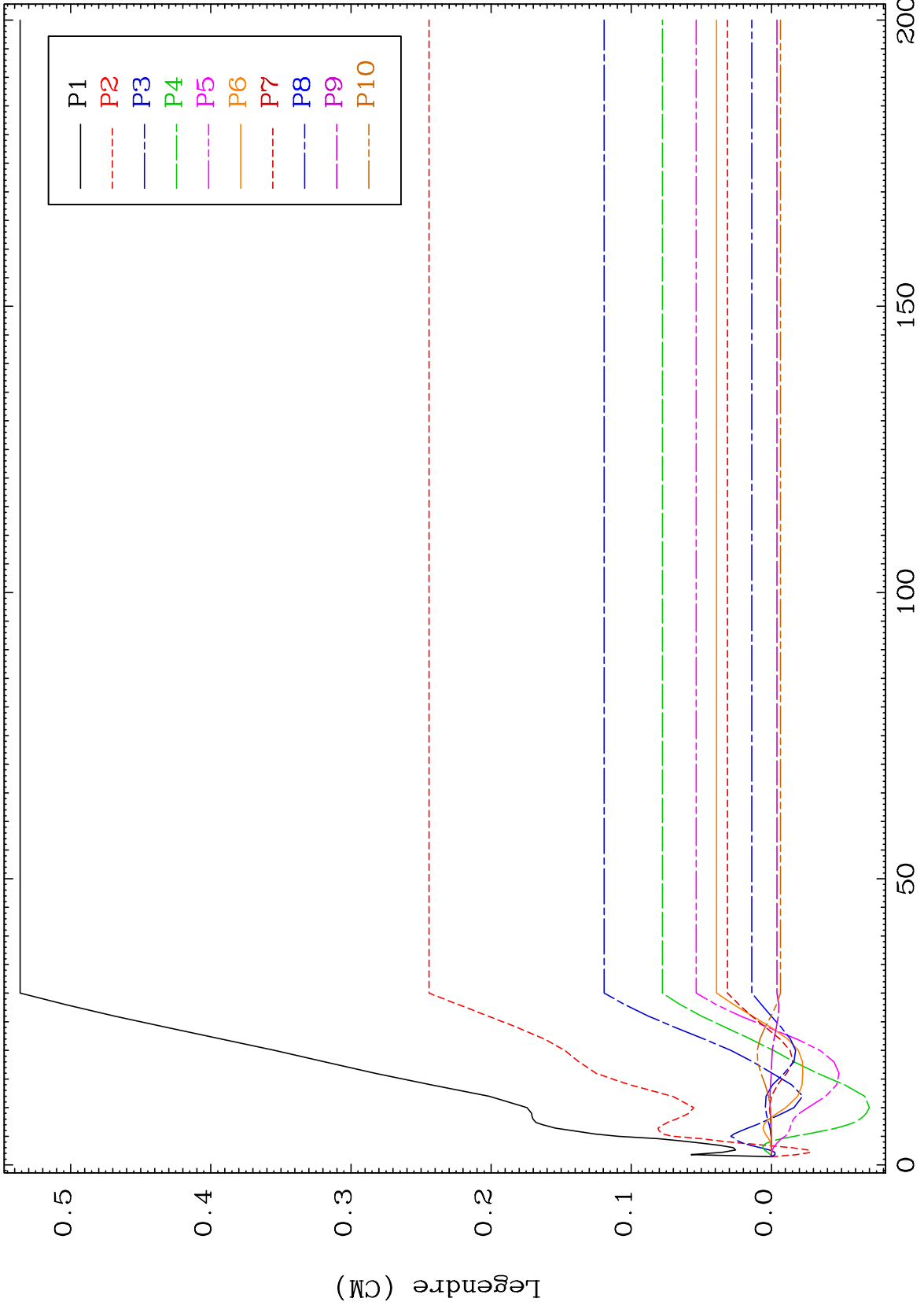
21

19-K -37

MAT 1919

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

19-K -37



22

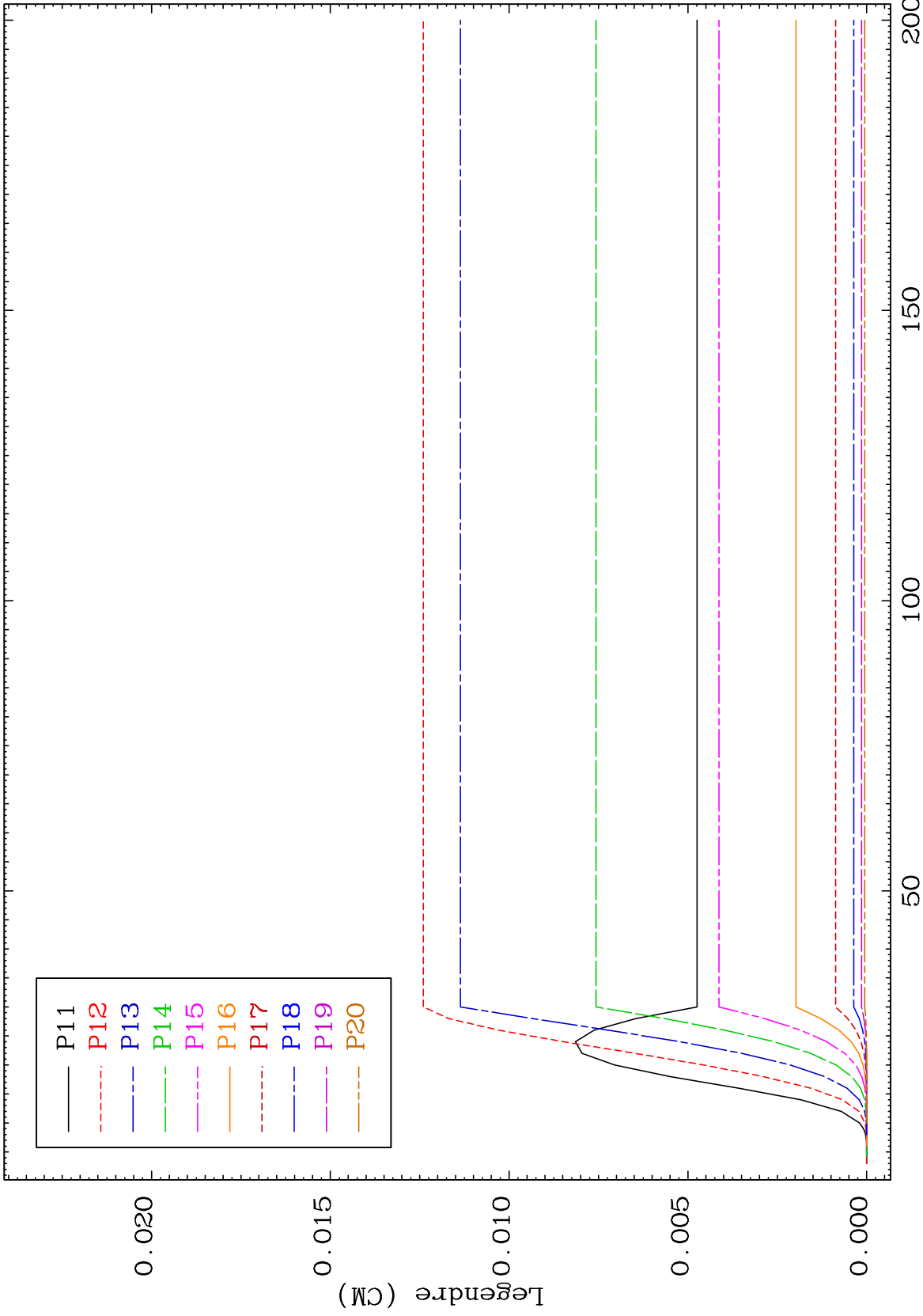
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



23

Incident Energy (MeV)

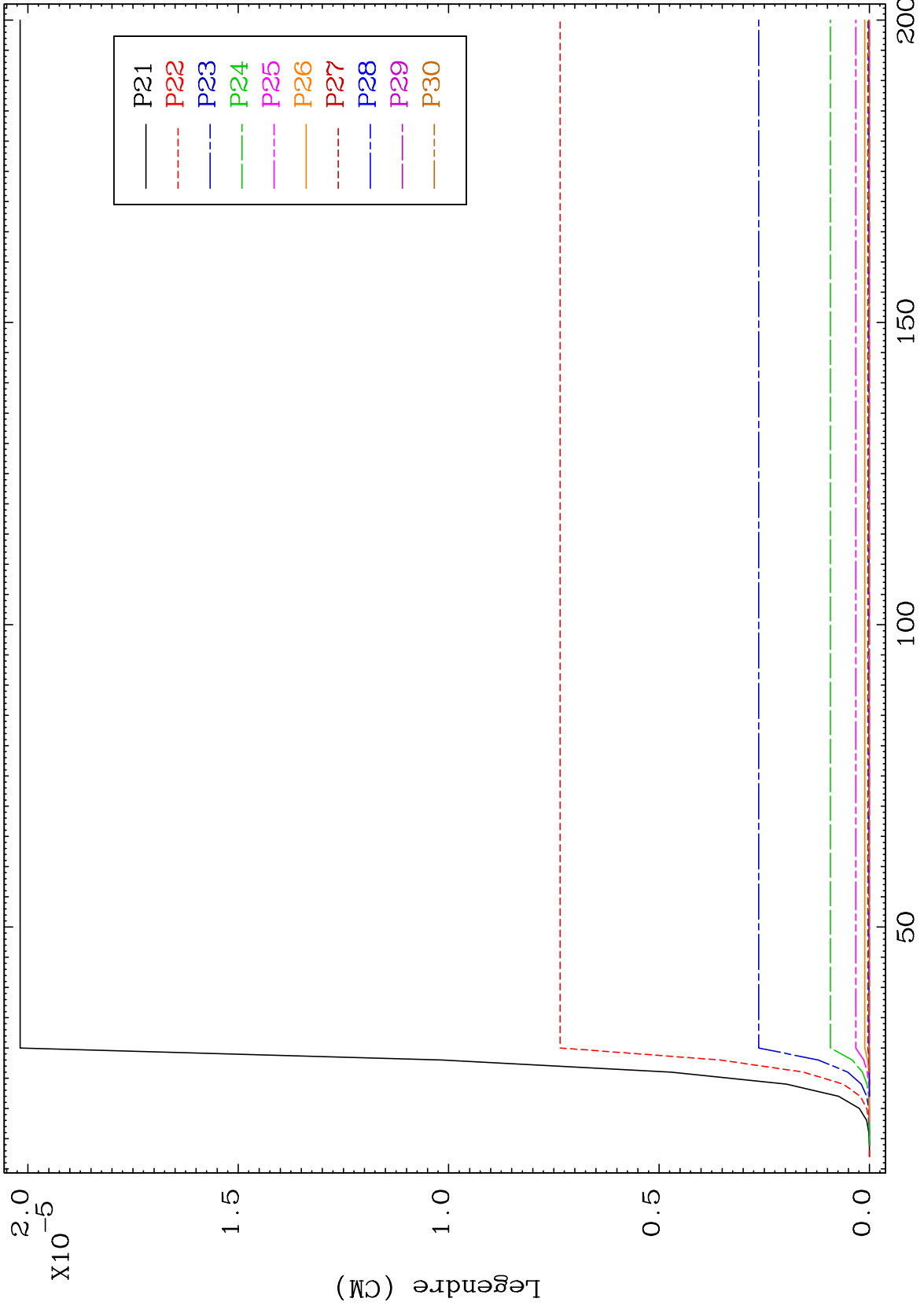
19-K -37



MAT 1919

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

19-K -37



24

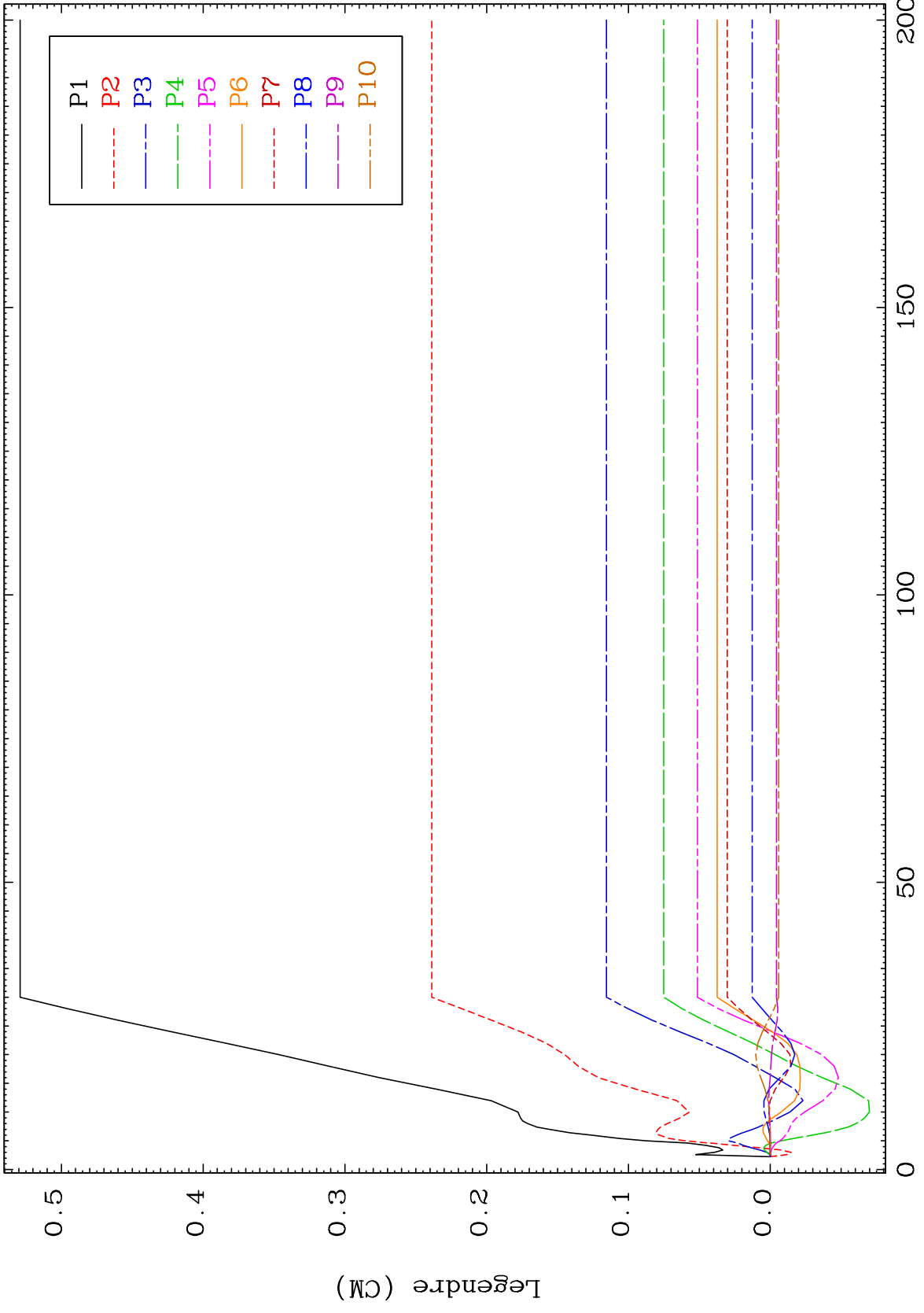
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



25

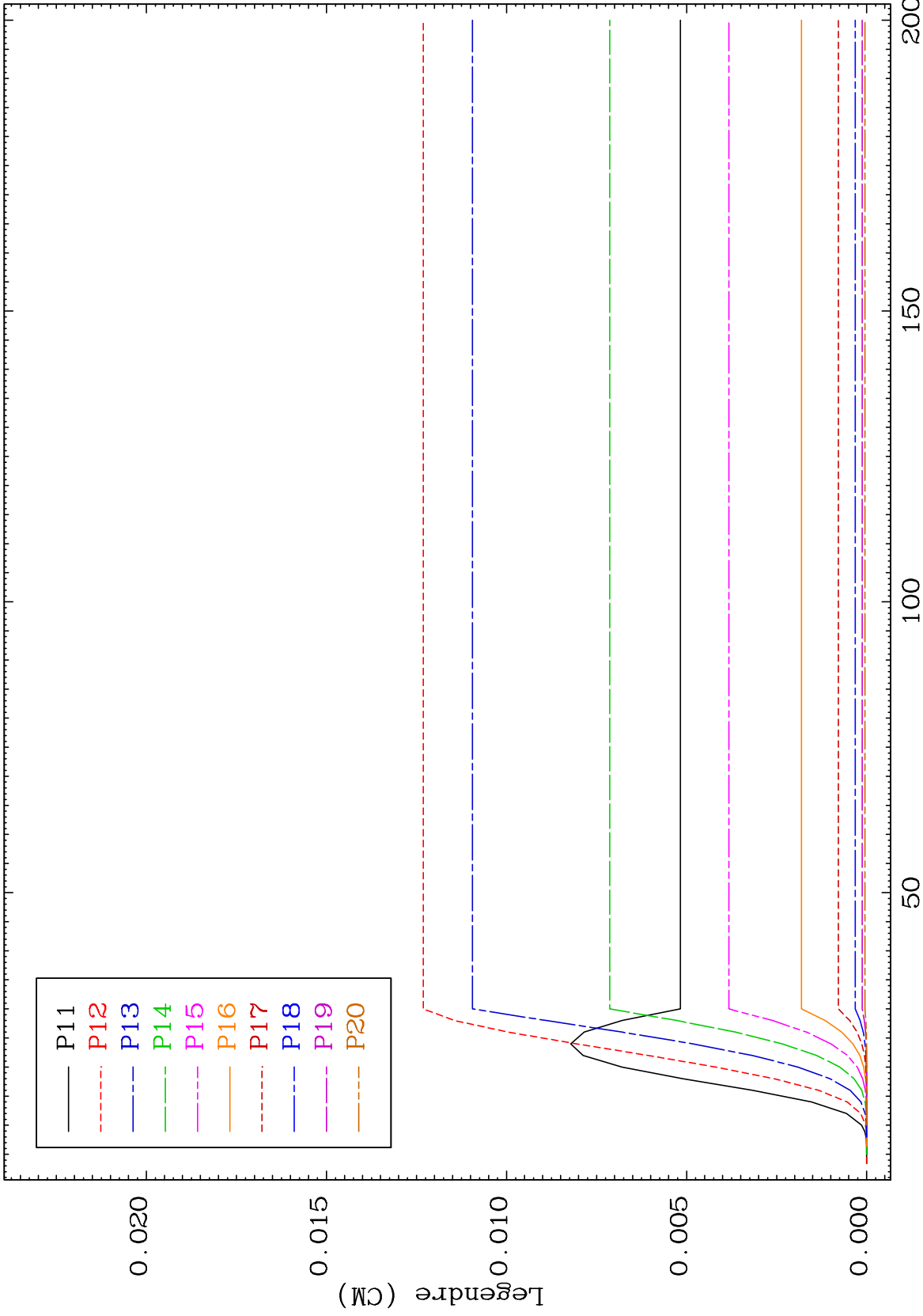
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



26

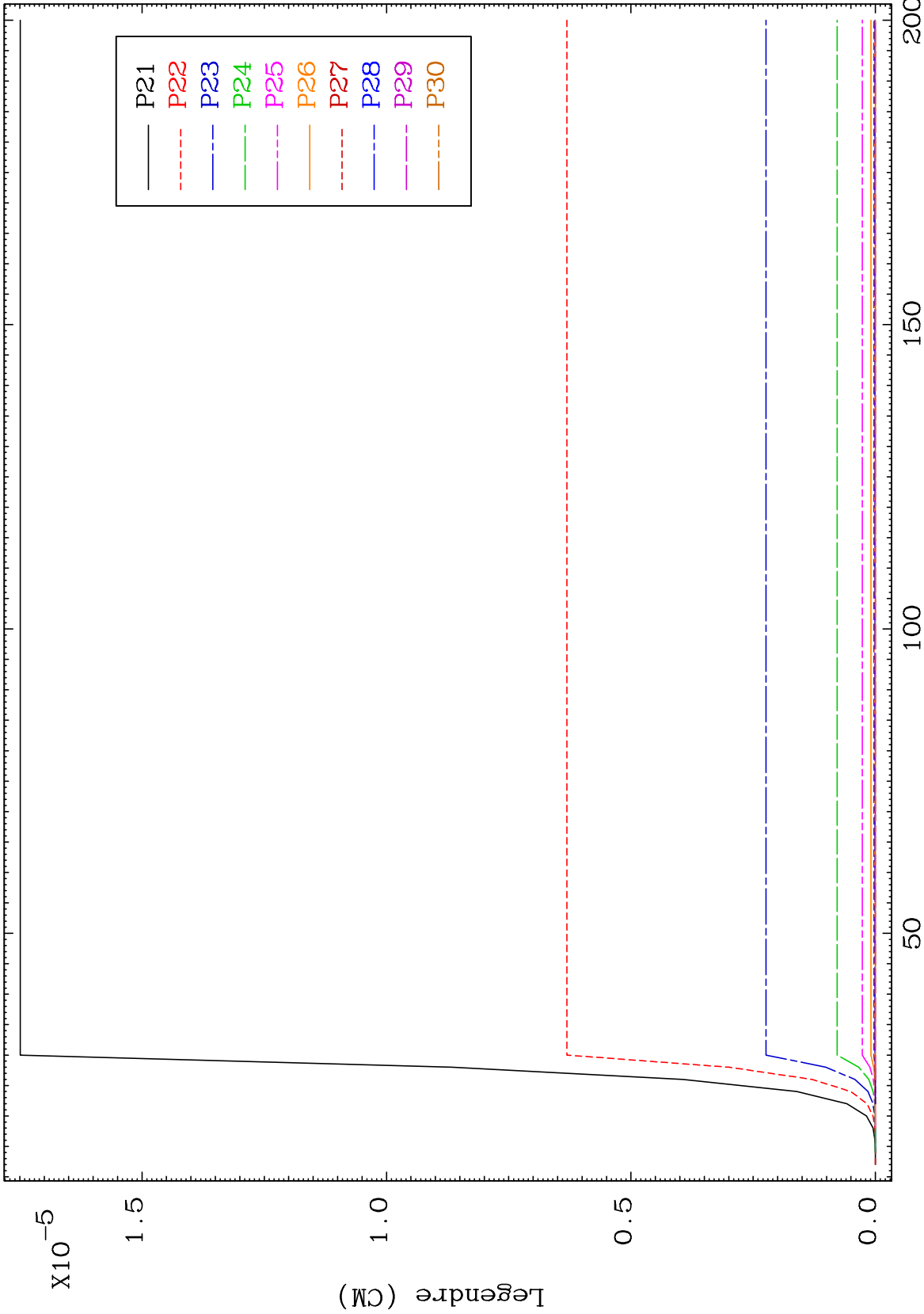
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



27

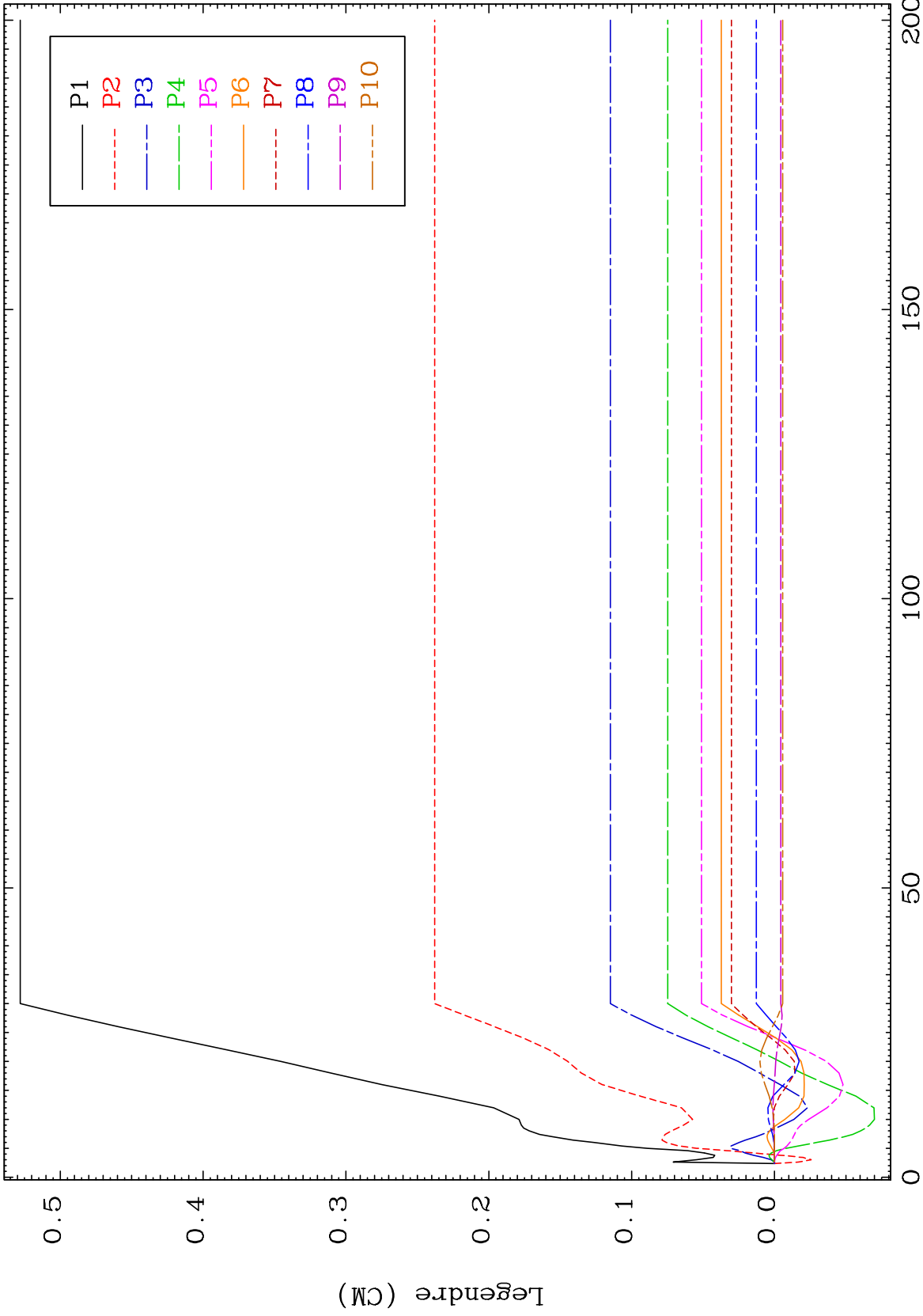
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



28

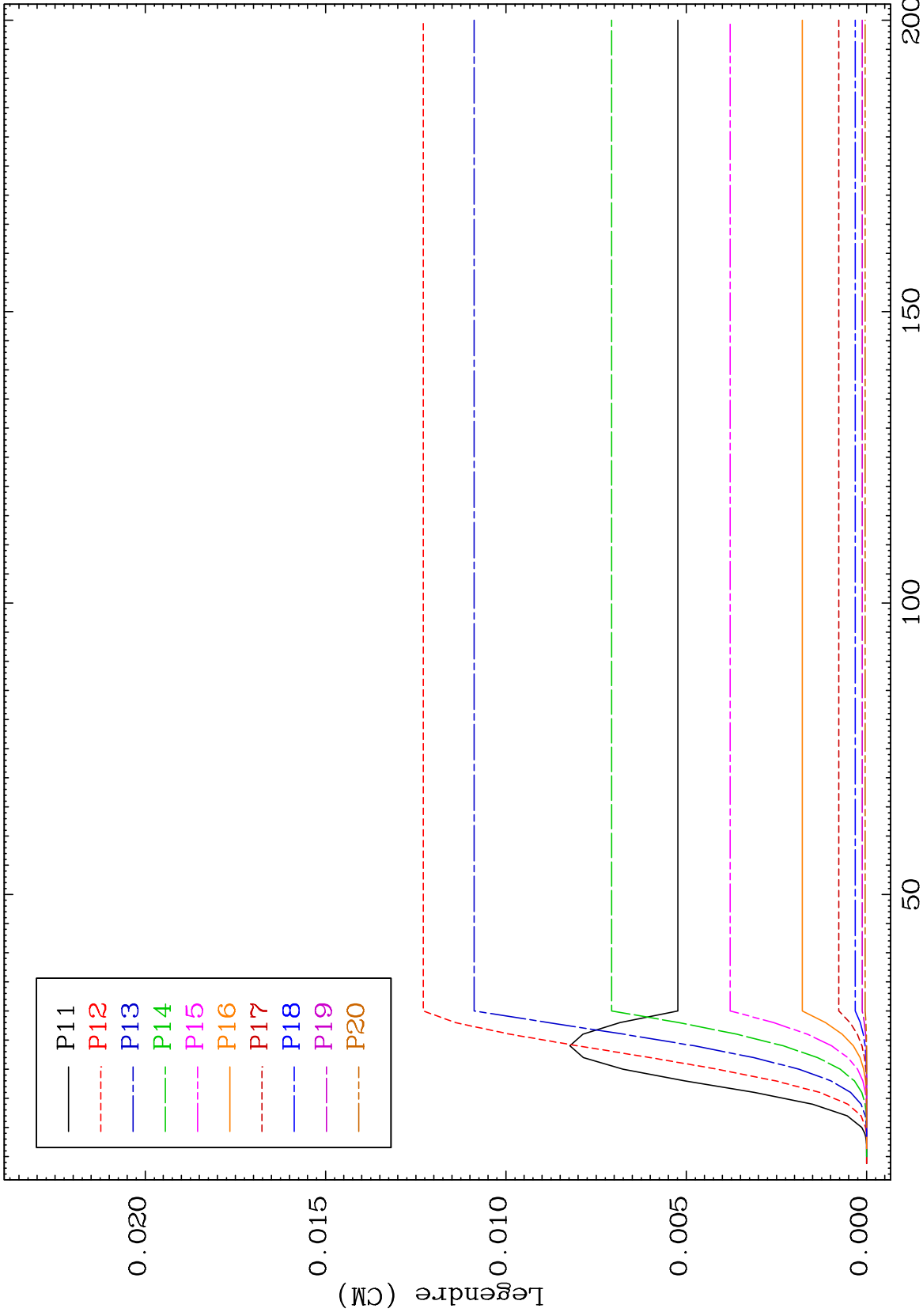
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



29

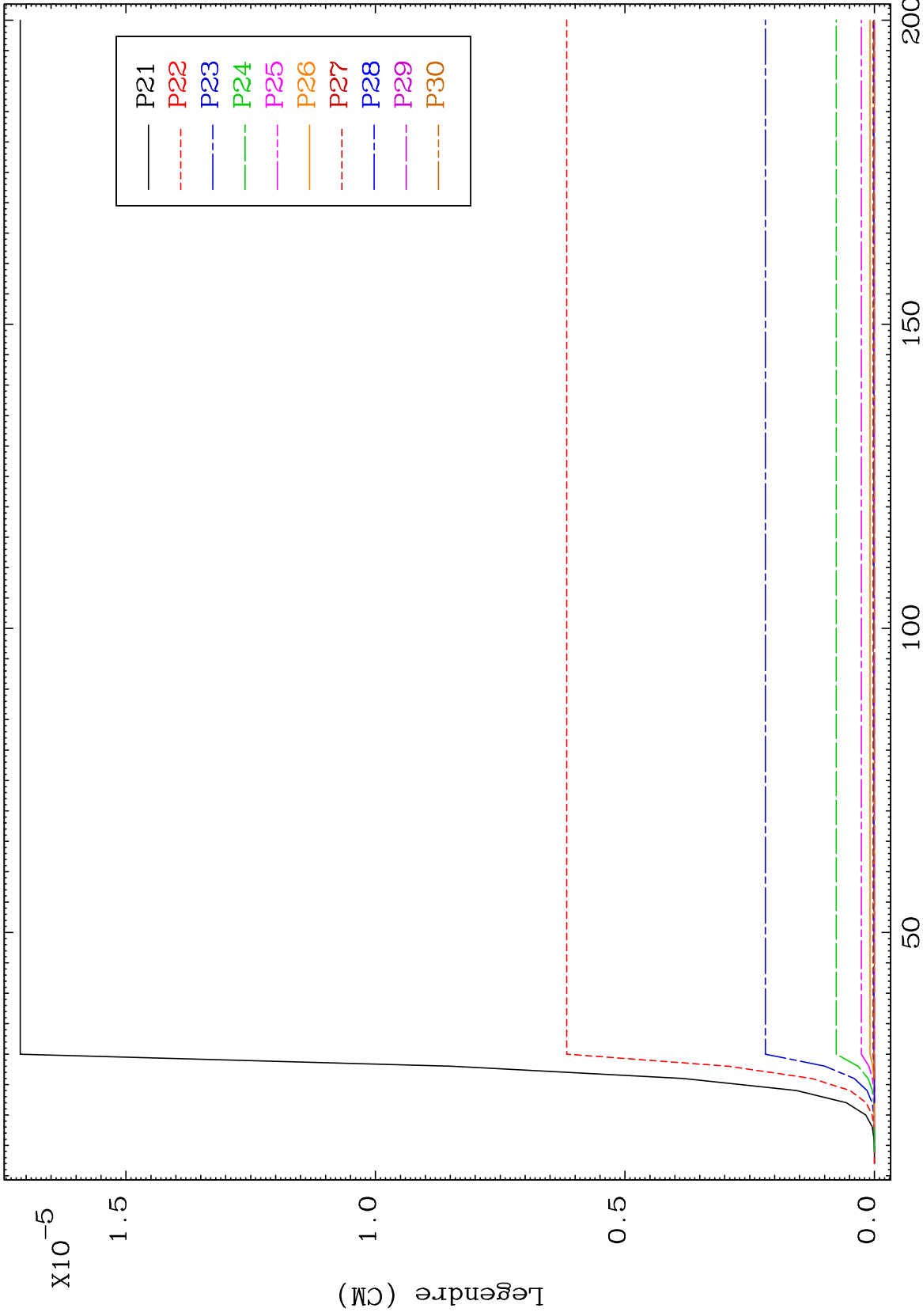
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



30

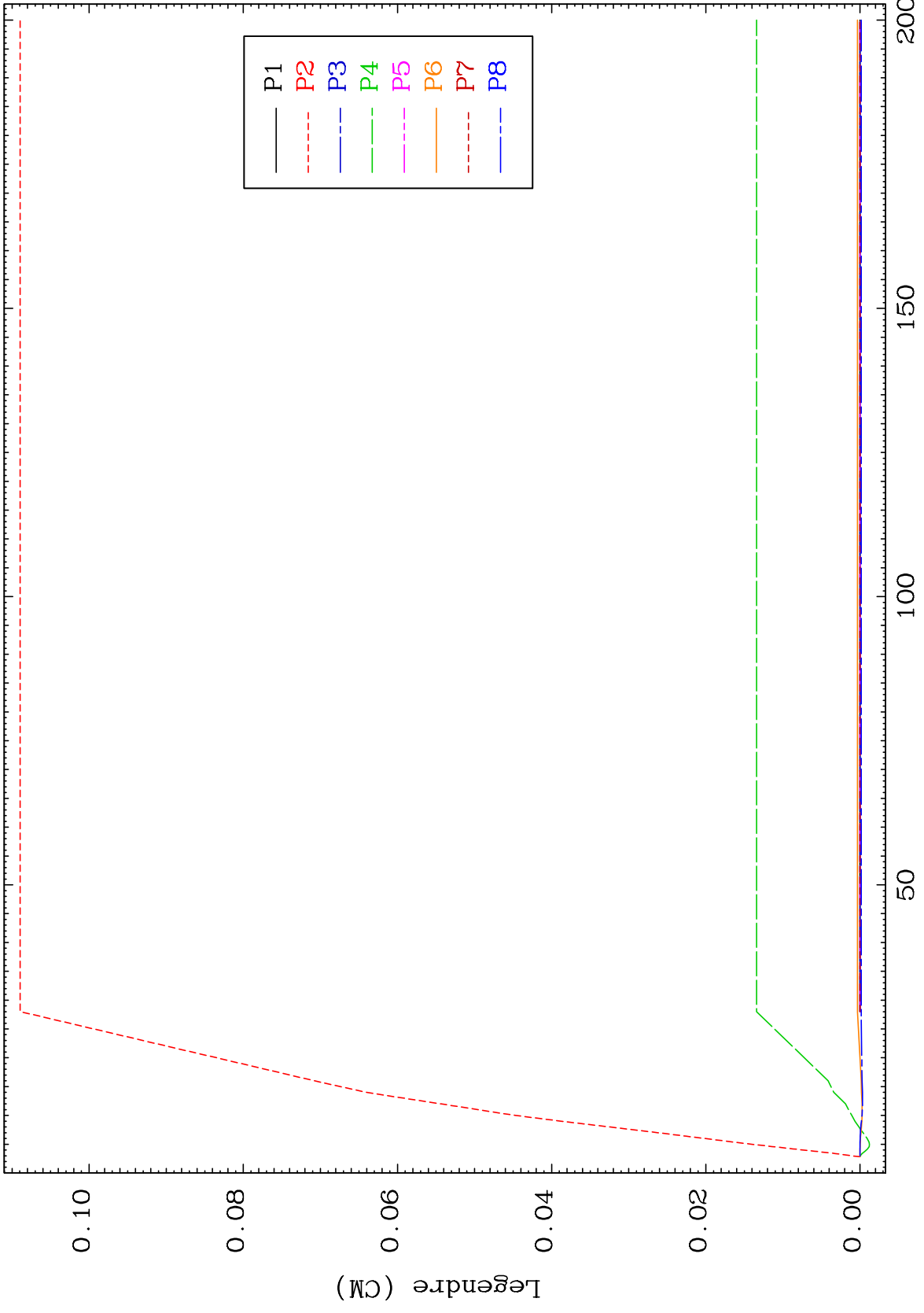
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



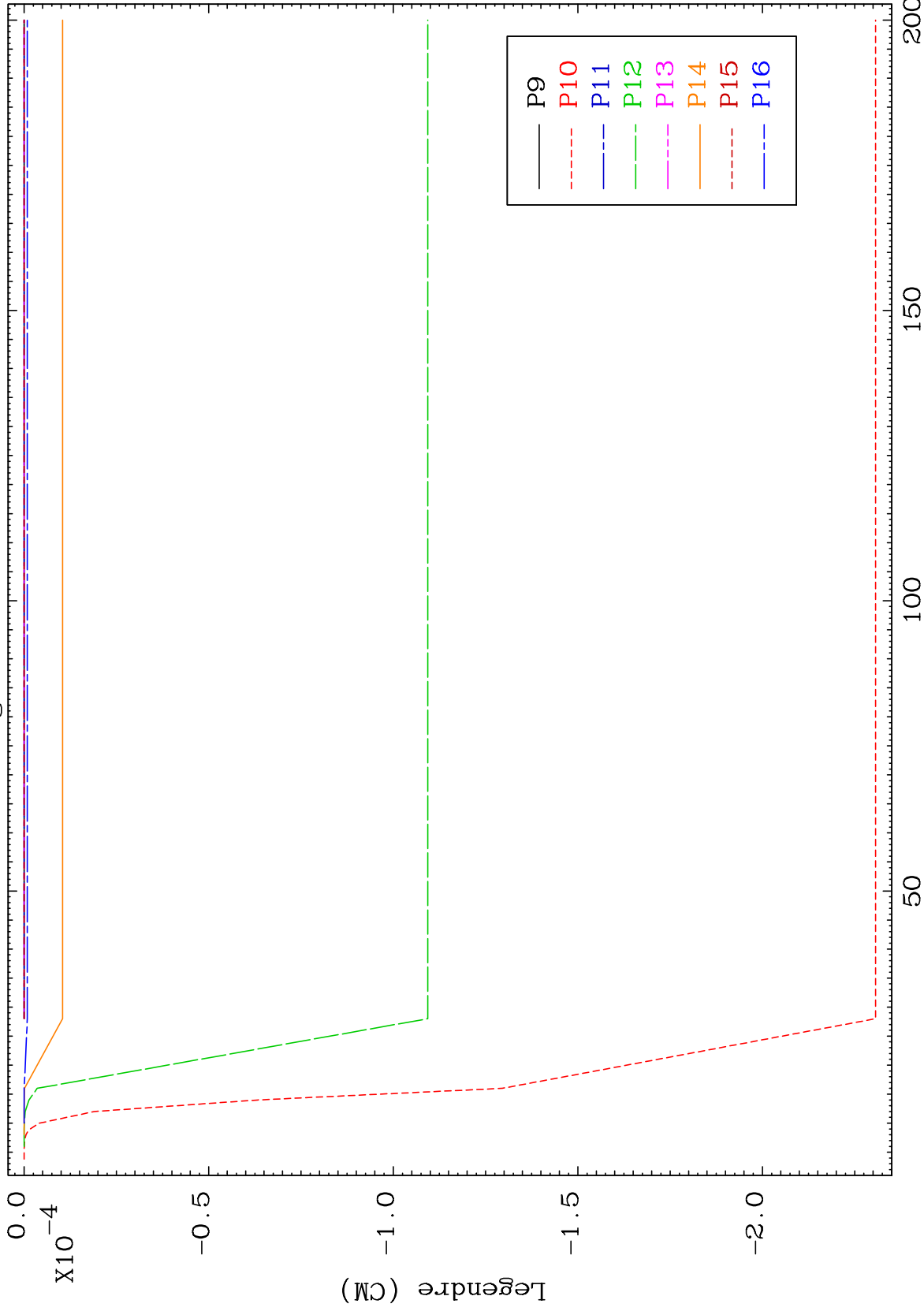
31

Incident Energy (MeV)

19-K -37

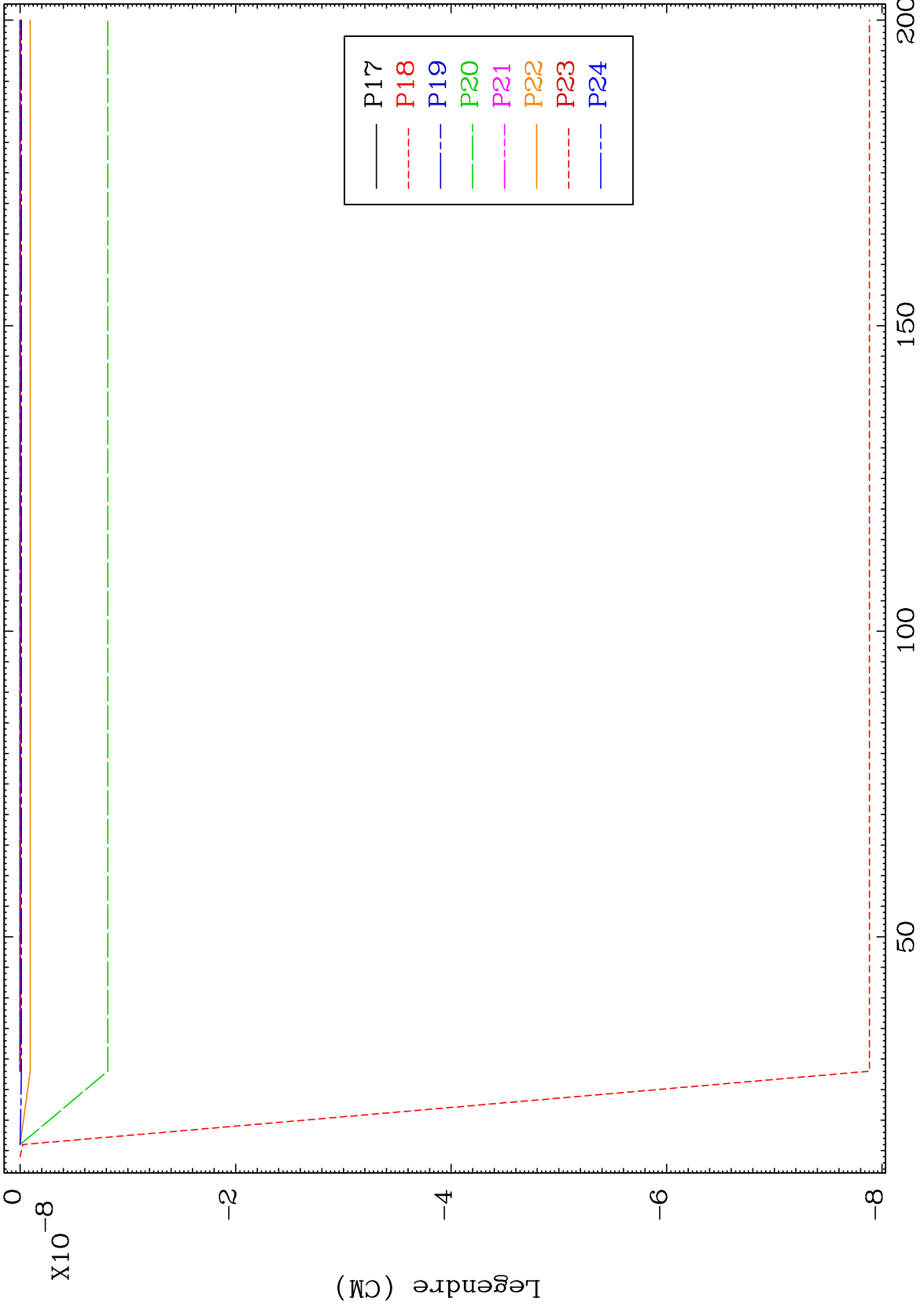


MAT 1919 MT= 55 (n,n') Level Legendre Coefficients 19-K -37



32 19-K -37

MAT 1919 MT= 55 (n,n') Level Legendre Coefficients 19-K -37

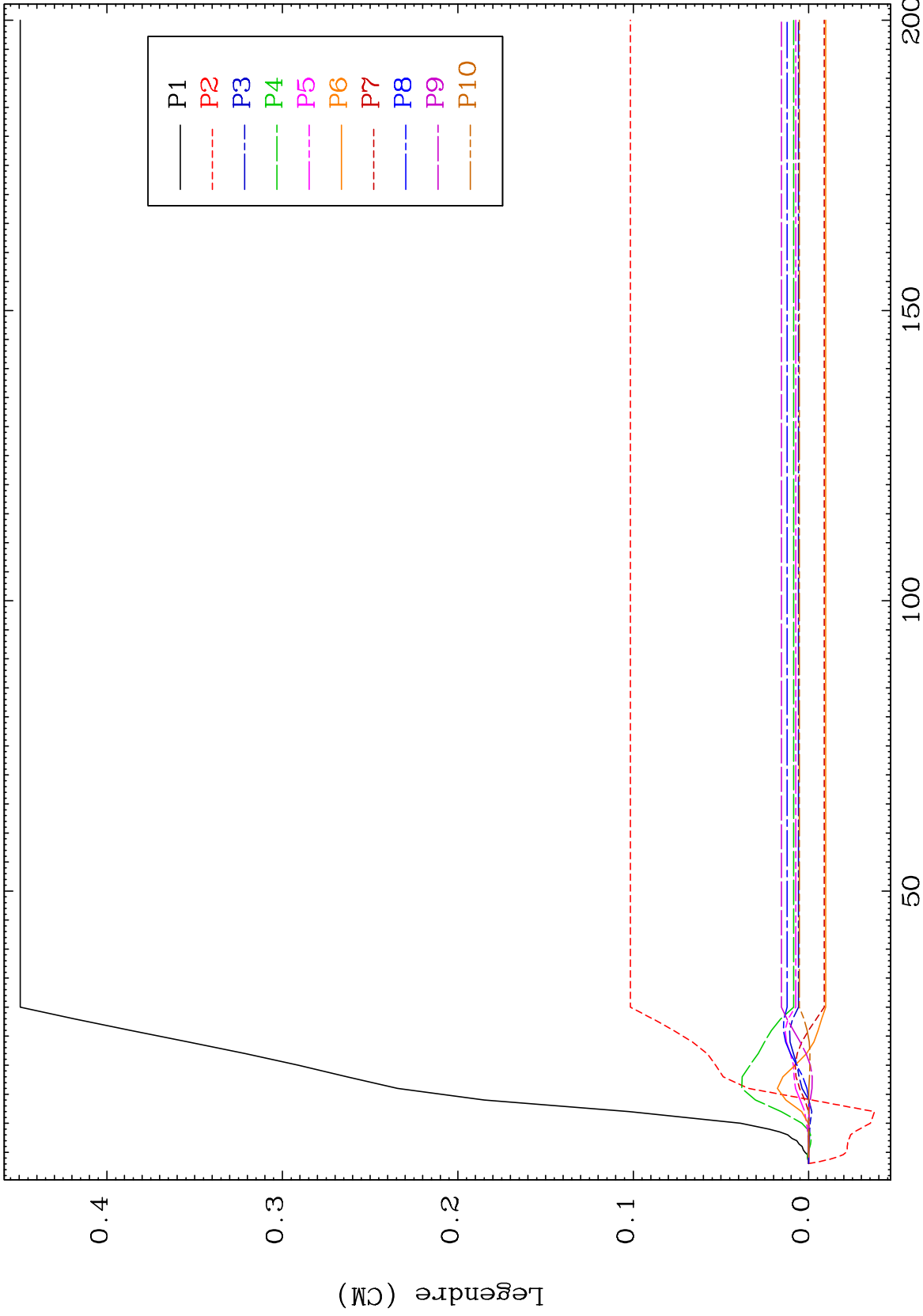


33 Incident Energy (MeV) 19-K -37

MAT 1919

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

19-K -37



34

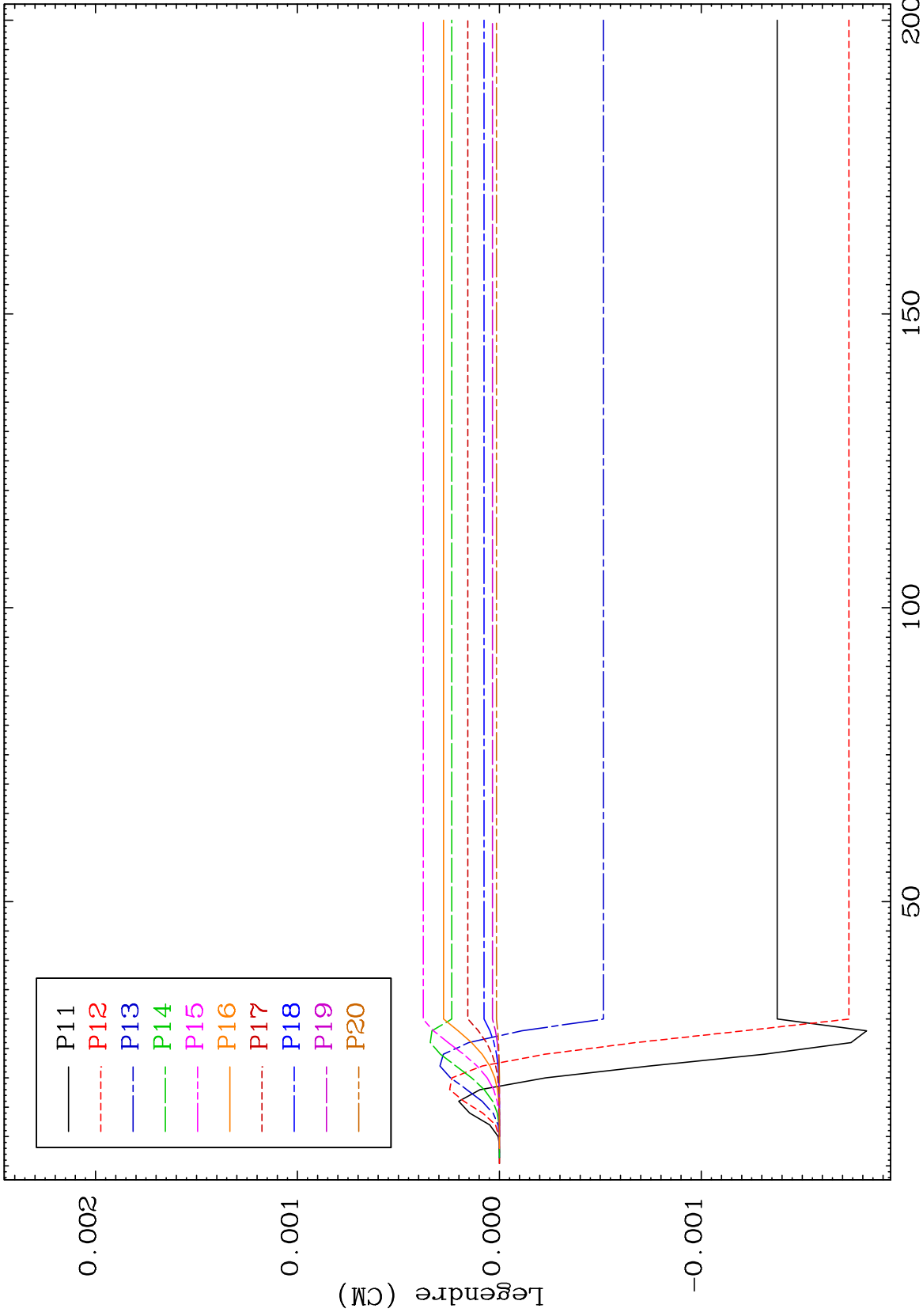
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



35

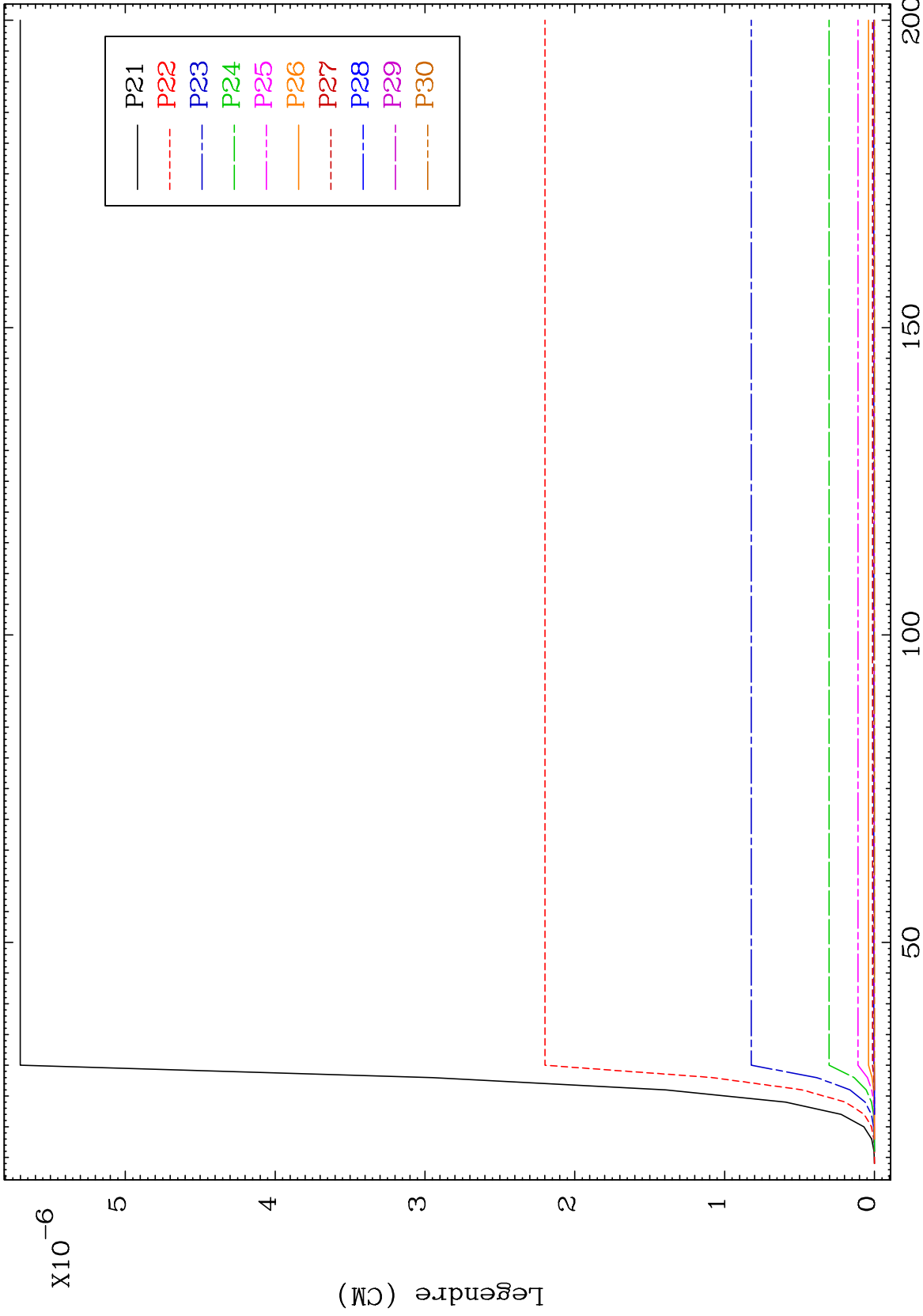
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



36

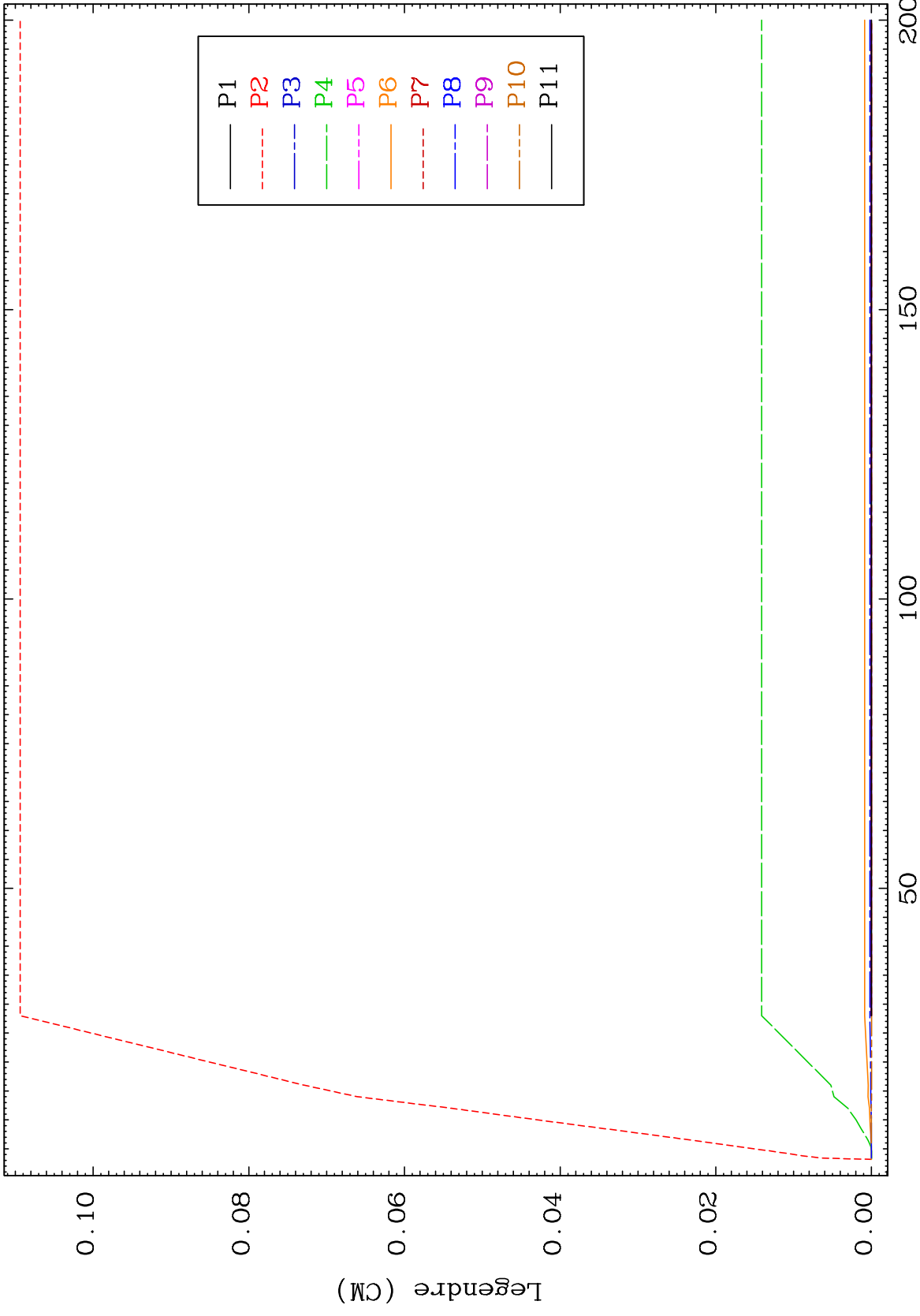
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37

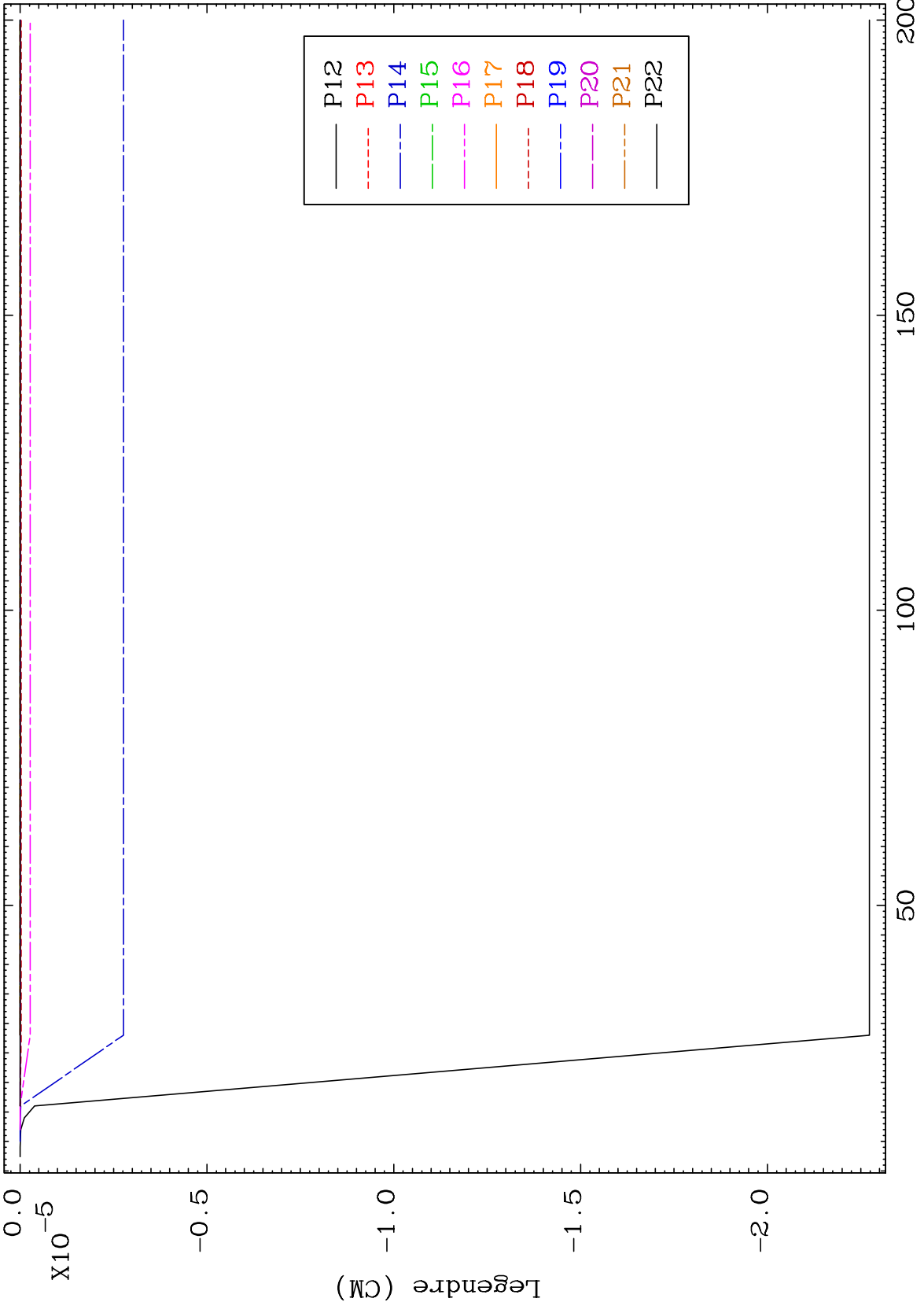


37

Incident Energy (MeV)

19-K -37

MAT 1919 MT= 57 (n,n') Level Legendre Coefficients 19-K -37

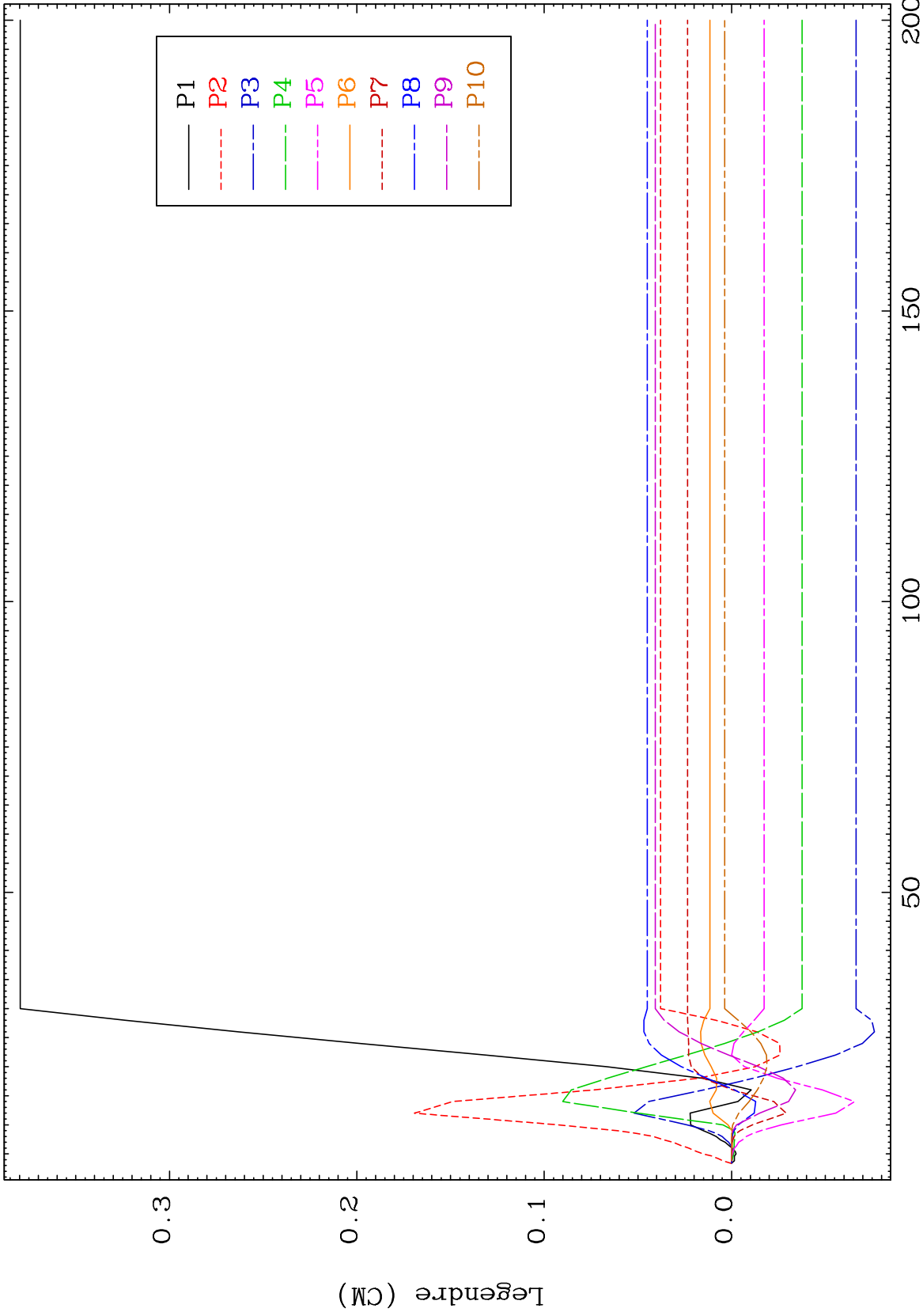


38 19-K -37

MAT 1919

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

19-K -37



39

Incident Energy (MeV)

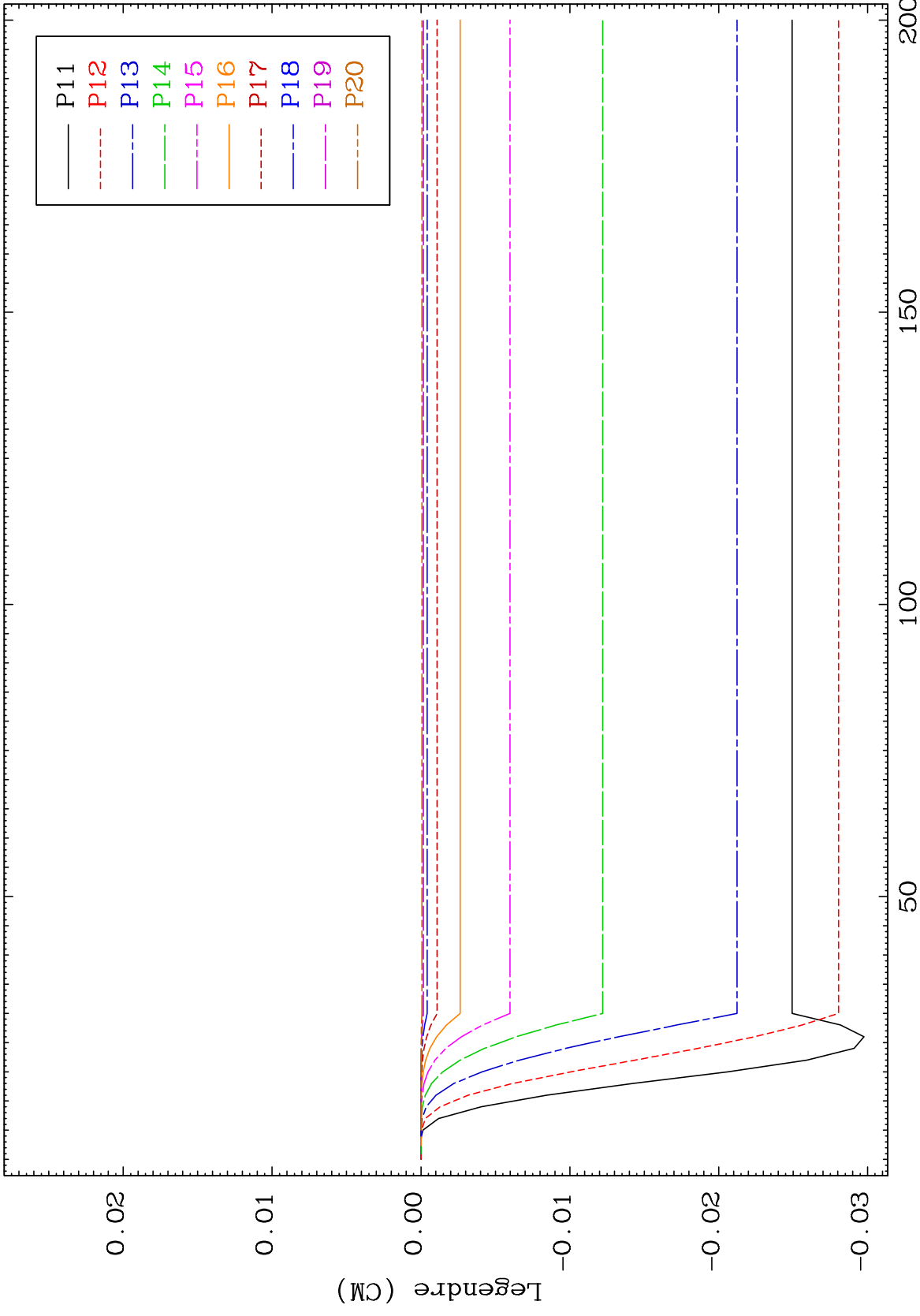
19-K -37



MAT 1919

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

19-K -37



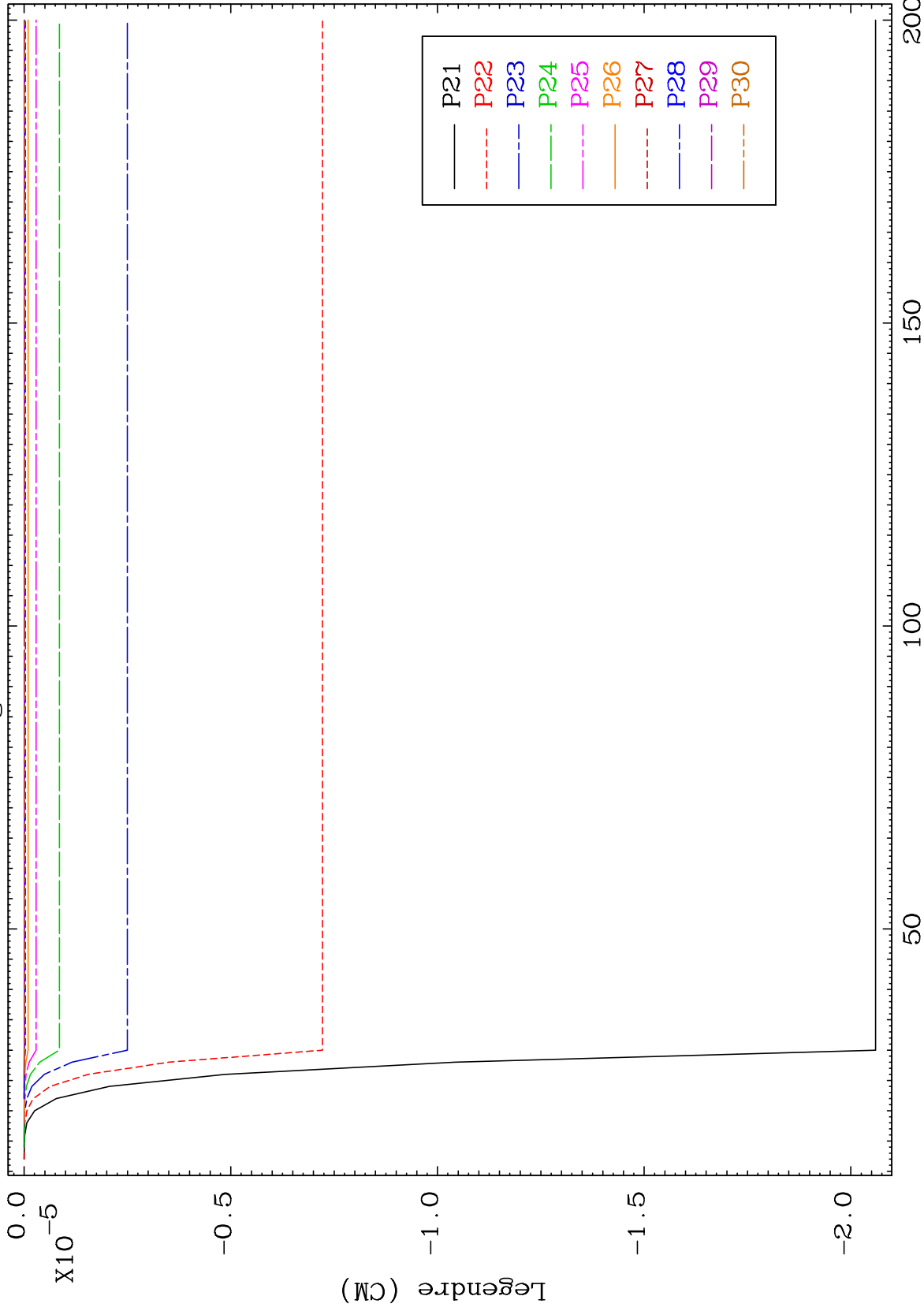
40

Incident Energy (MeV)

19-K -37

MAT 1919 MT= 58 (n,n') Level 19-K -37

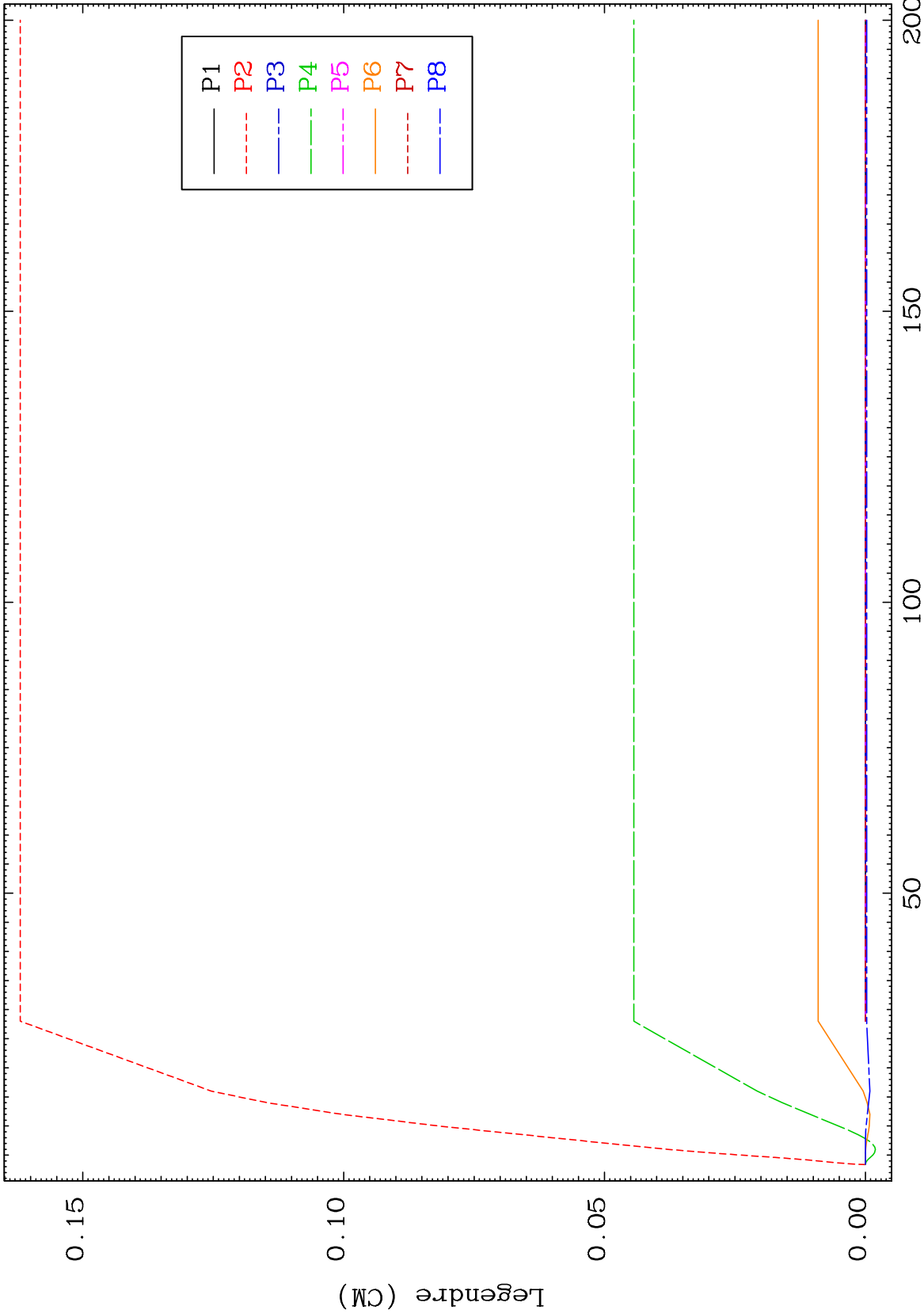
Legendre Coefficients



MAT 1919

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

19-K -37

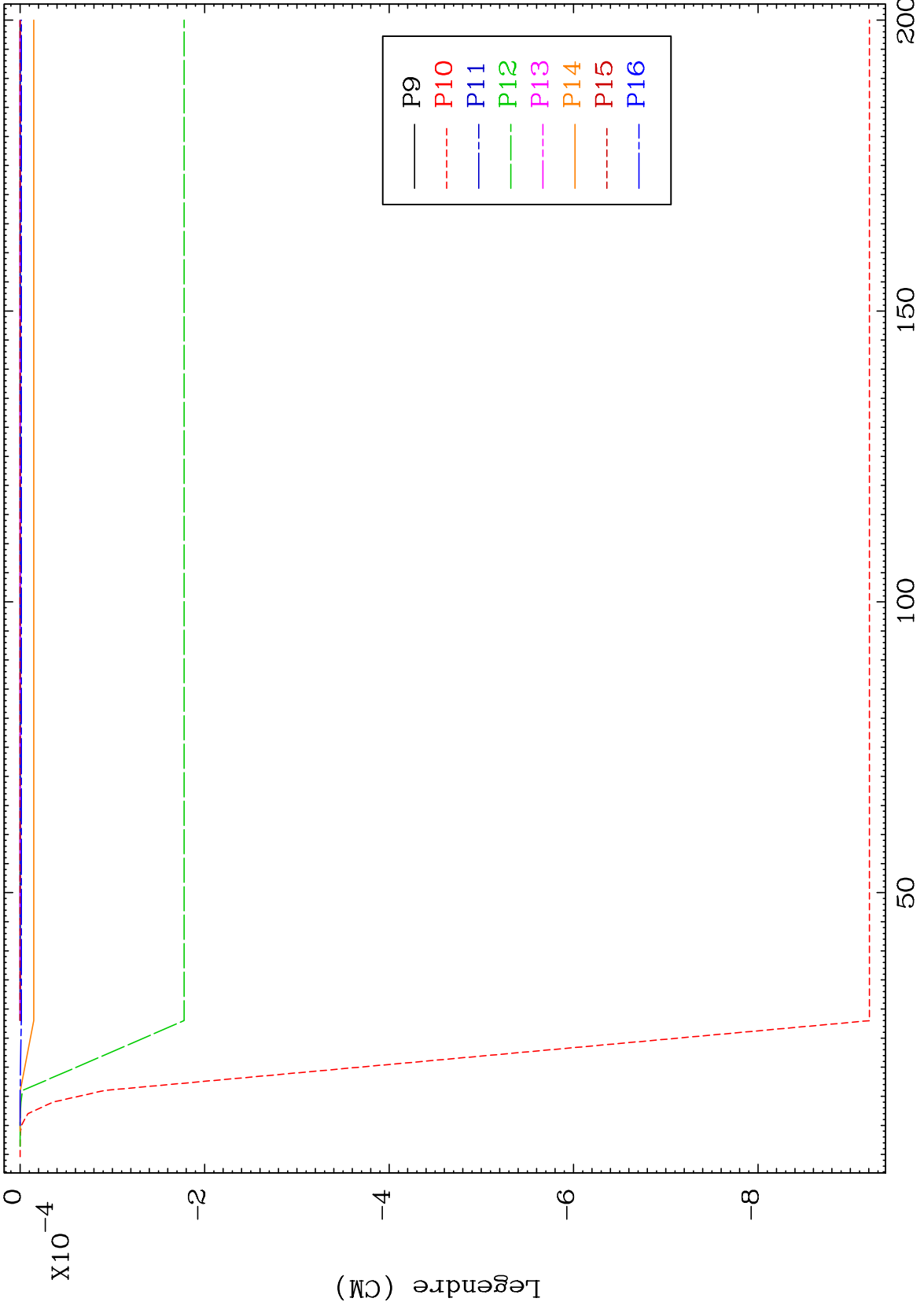


42

Incident Energy (MeV)

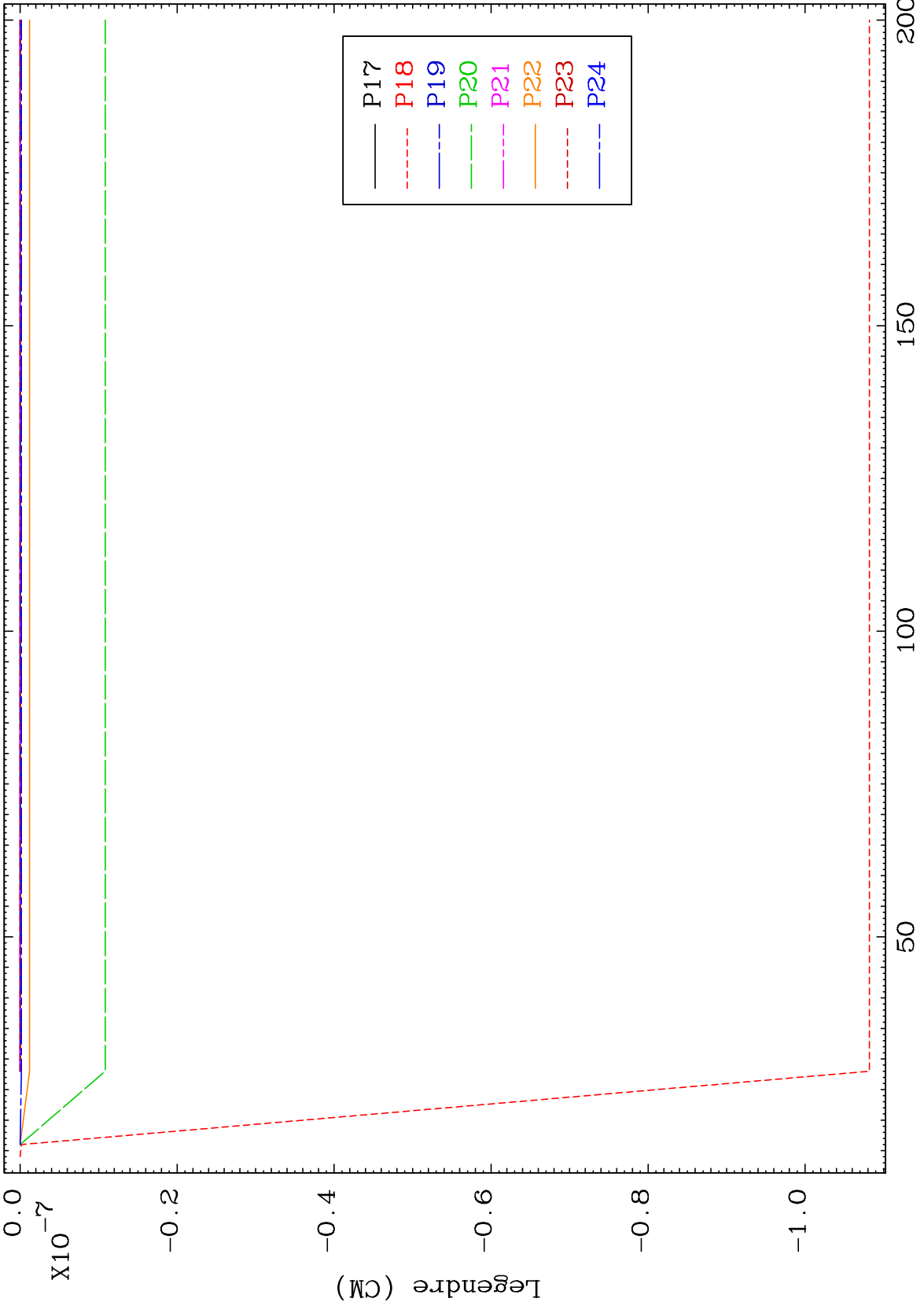
19-K -37

MAT 1919 MT= 59 (n,n') Level Legendre Coefficients 19-K -37



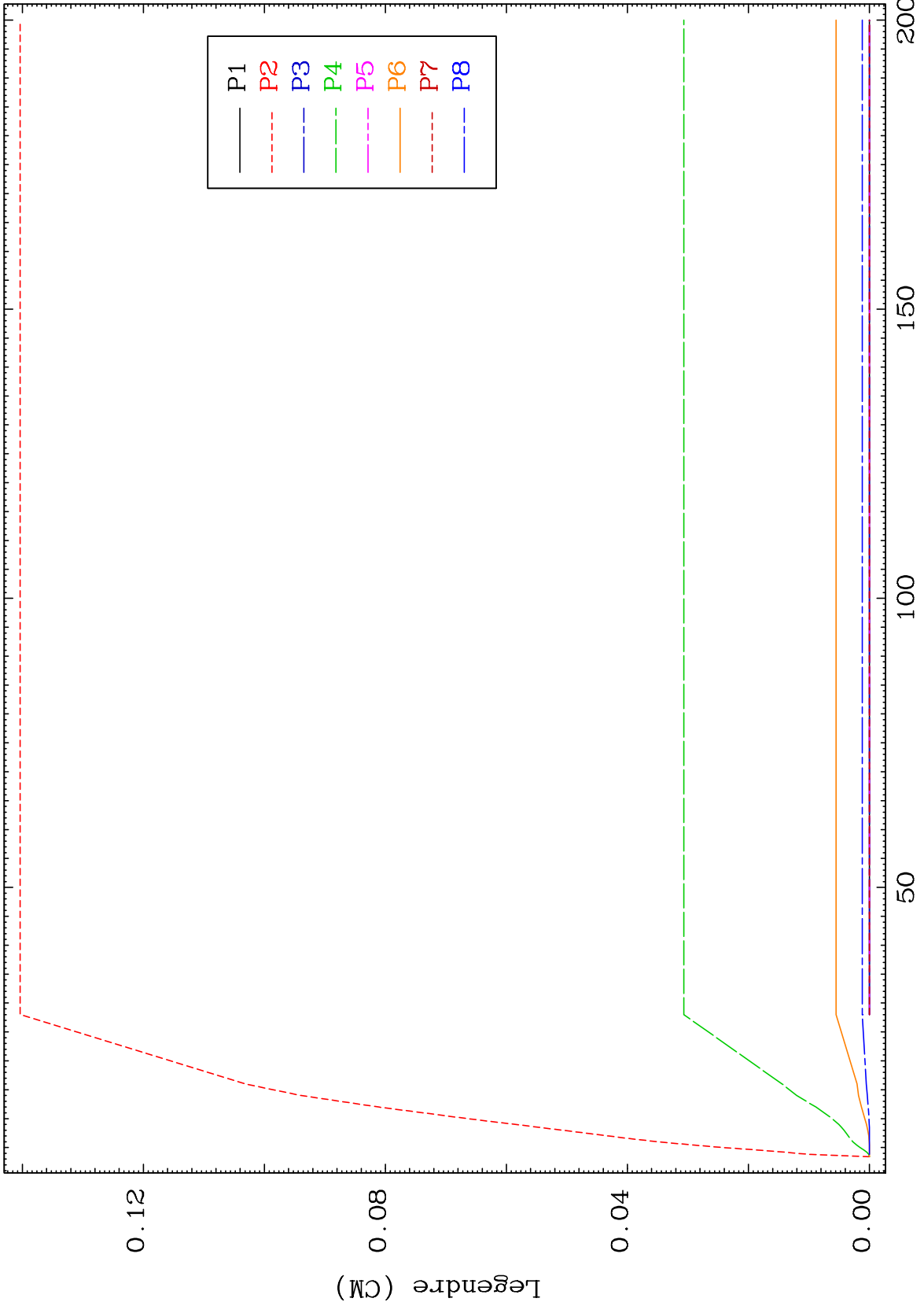
43 Incident Energy (MeV) 19-K -37

MAT 1919 MT= 59 (n,n') Level Legendre Coefficients 19-K -37



44 Incident Energy (MeV) 19-K -37

MAT 1919 MT= 60 (n,n') Level Legendre Coefficients 19-K -37

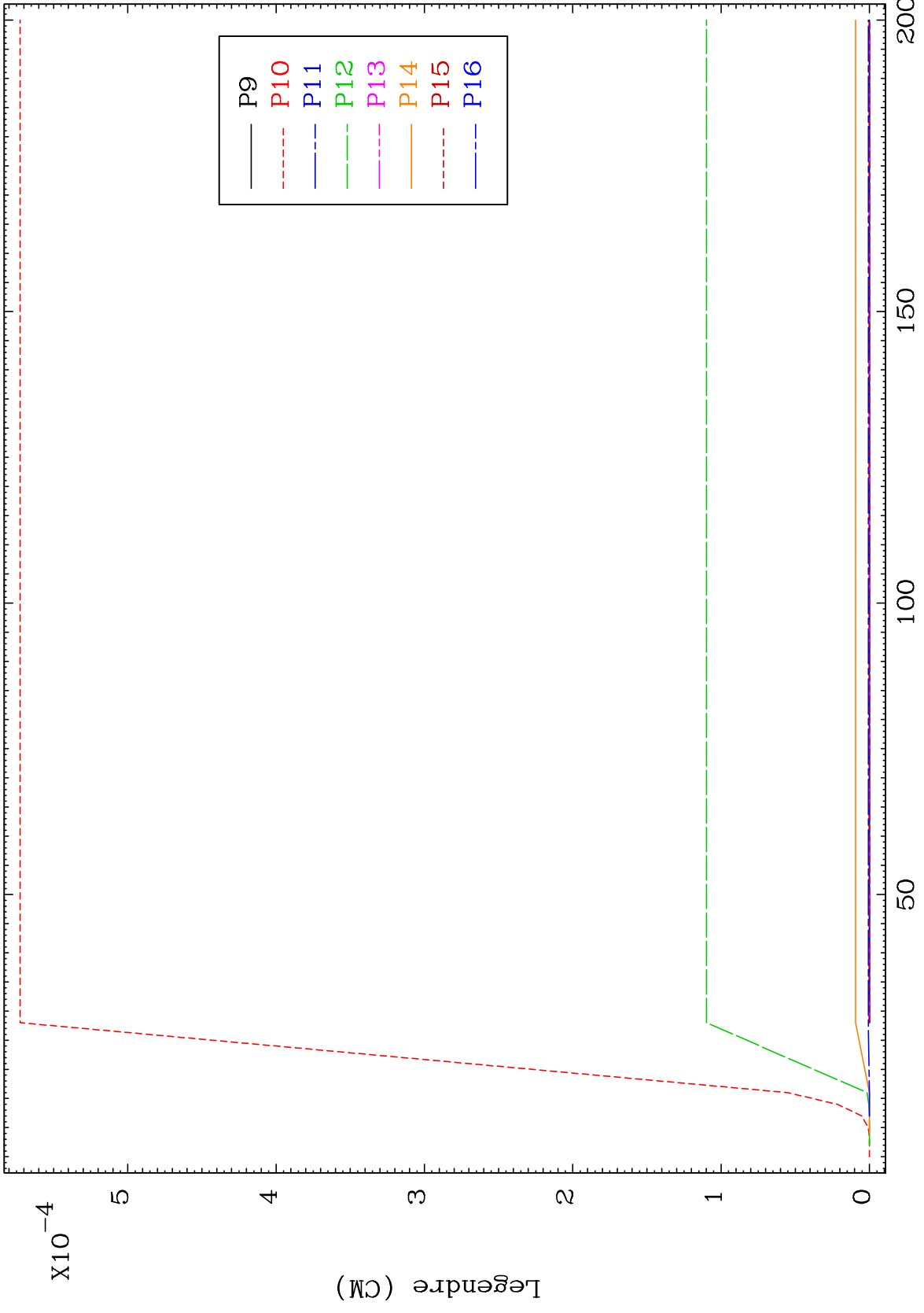


Legendre (CM) Incident Energy (MeV) 19-K -37

MAT 1919

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

19-K -37

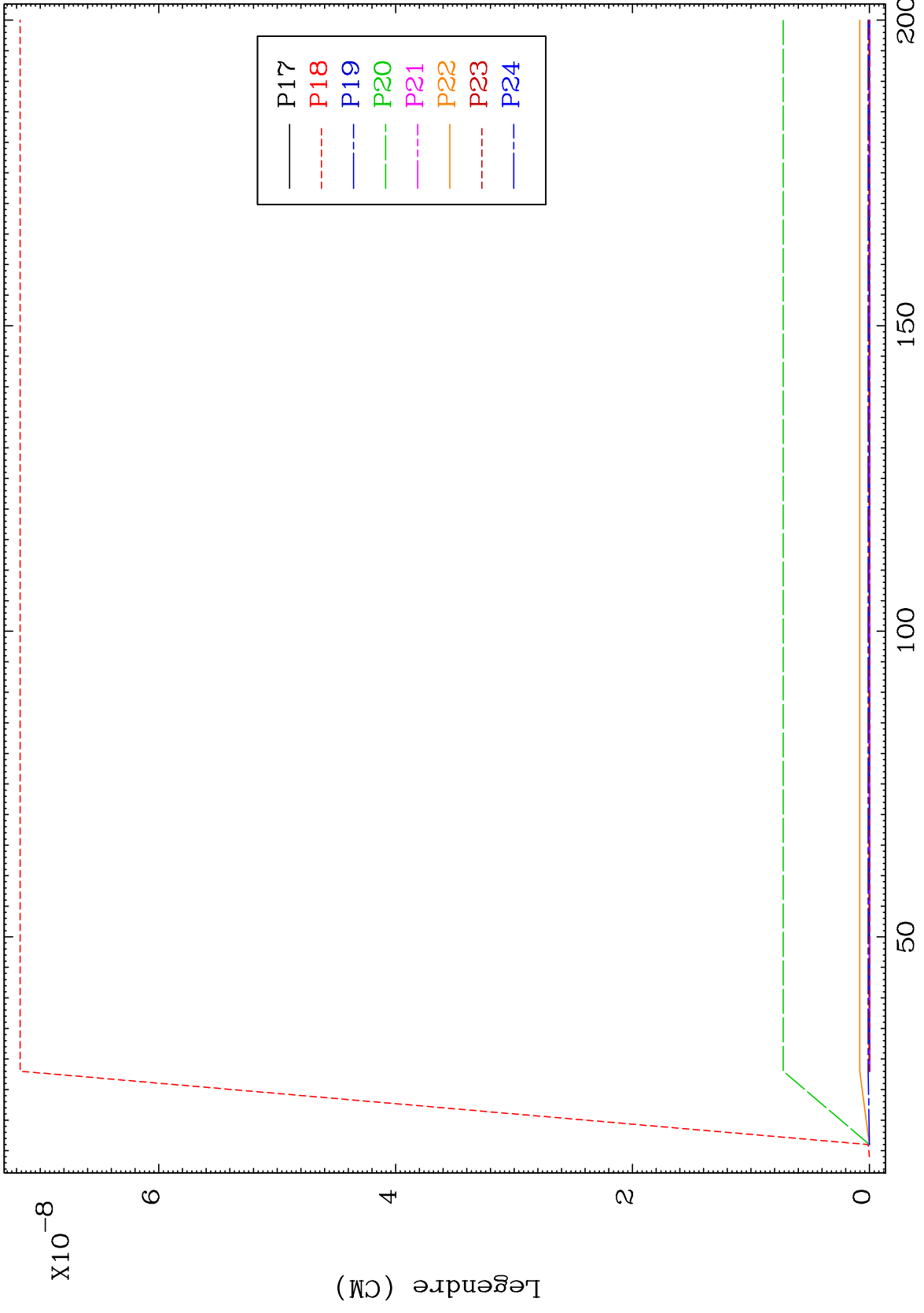


46

Incident Energy (MeV)

19-K -37

MAT 1919 MT= 60 (n,n') Level Legendre Coefficients 19-K -37



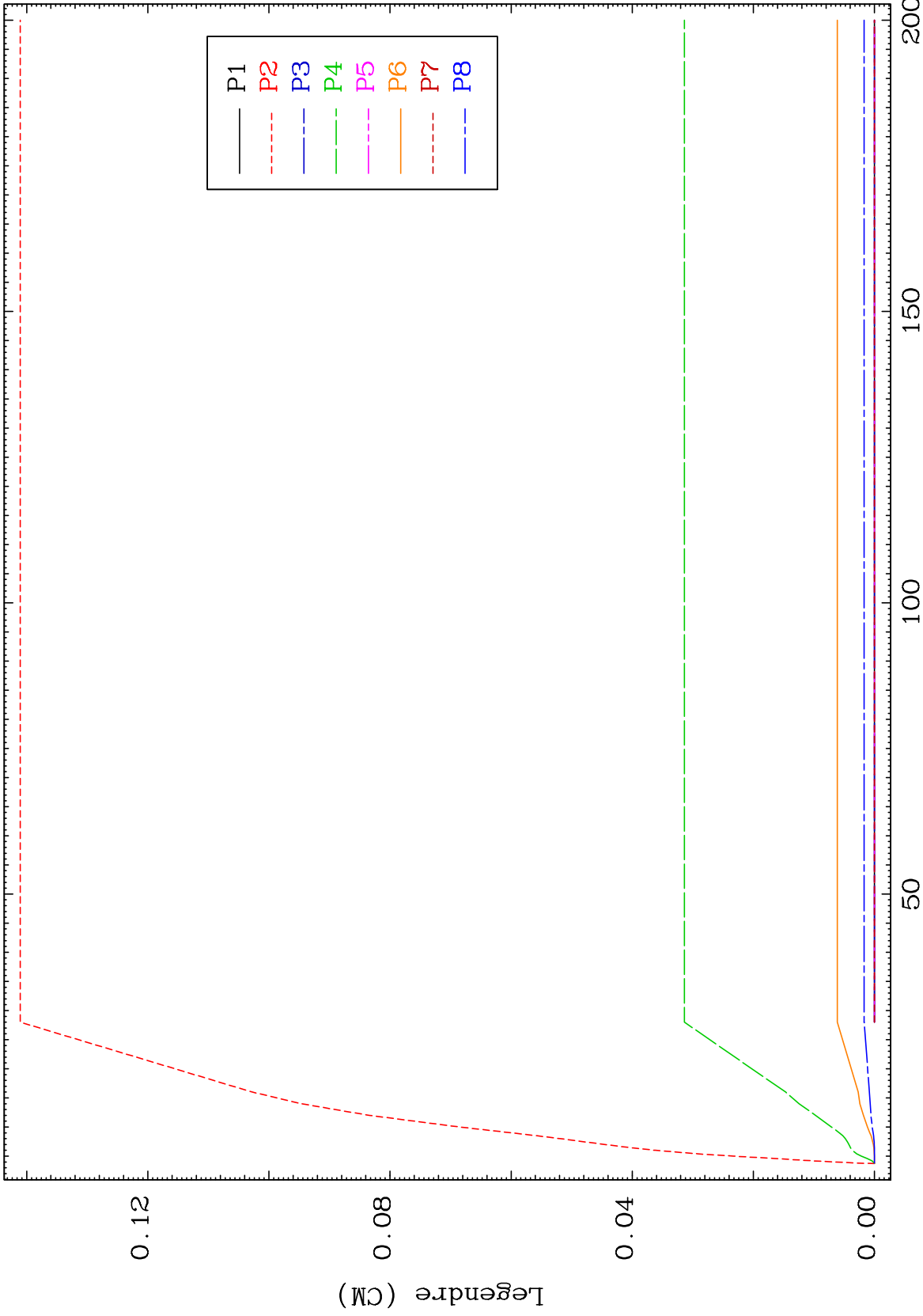
47 Incident Energy (MeV) 19-K -37



MAT 1919

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

19-K -37

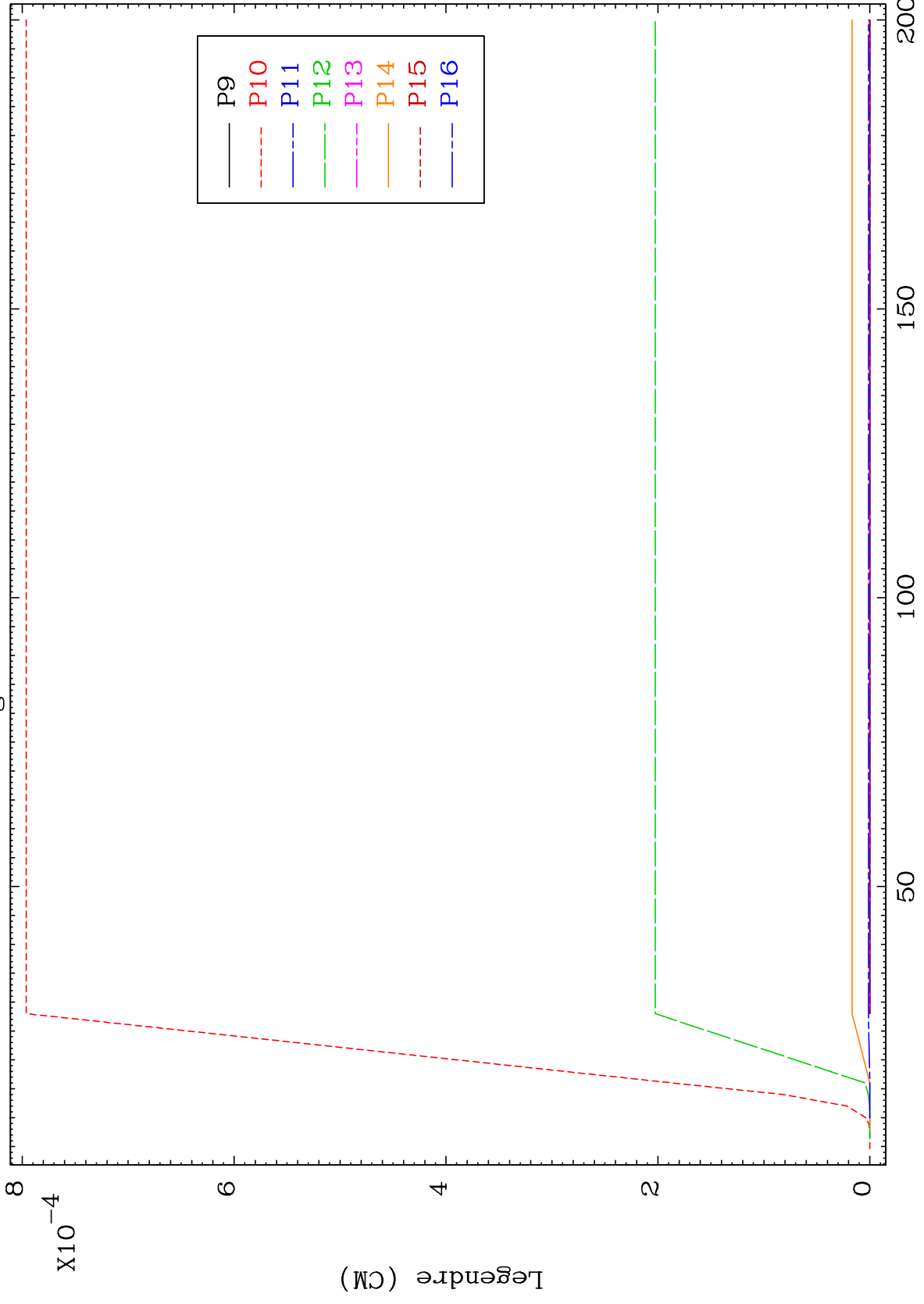


48

Incident Energy (MeV)

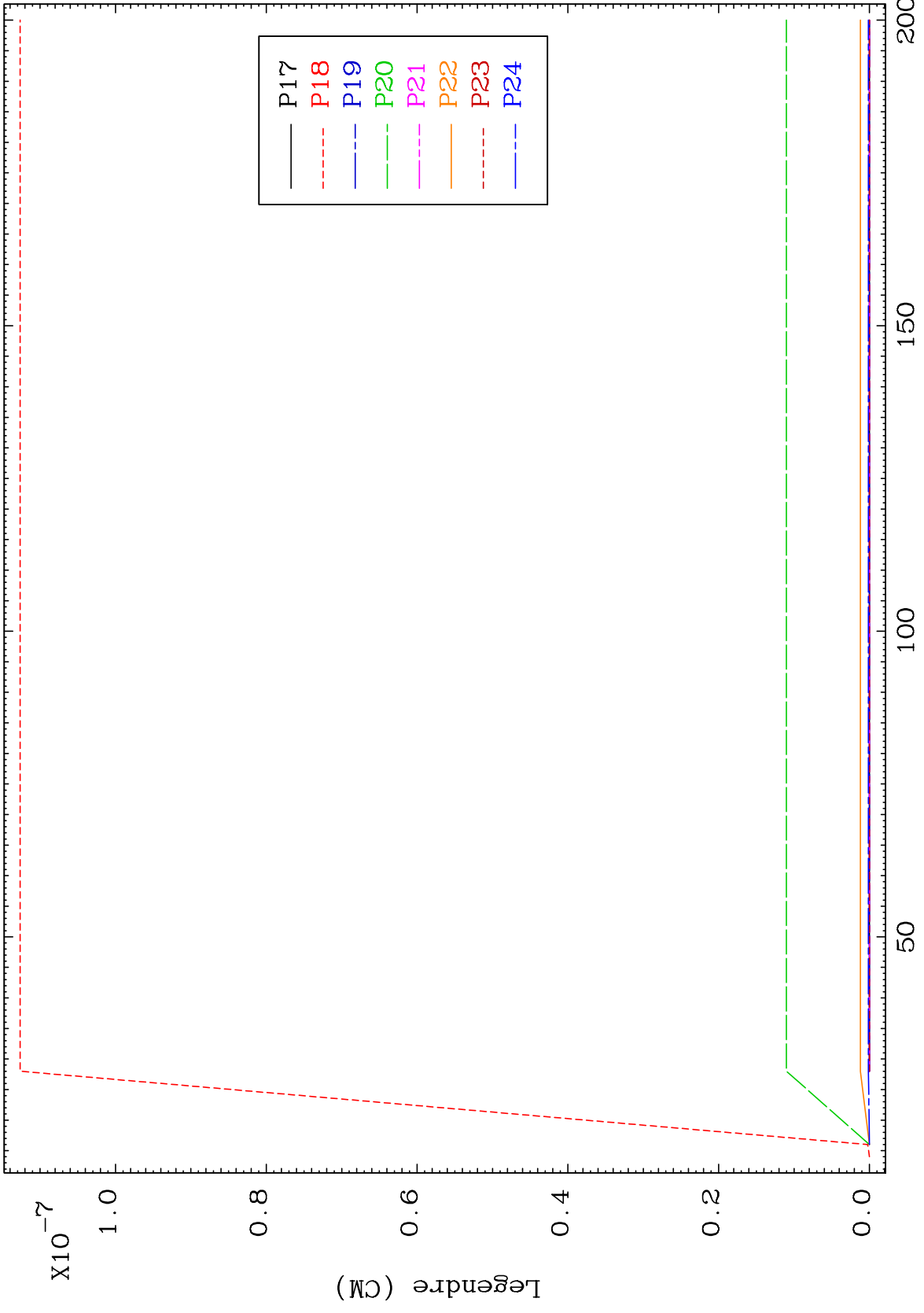
19-K -37

MAT 1919 MT= 61 (n,n') Level Legendre Coefficients 19-K -37



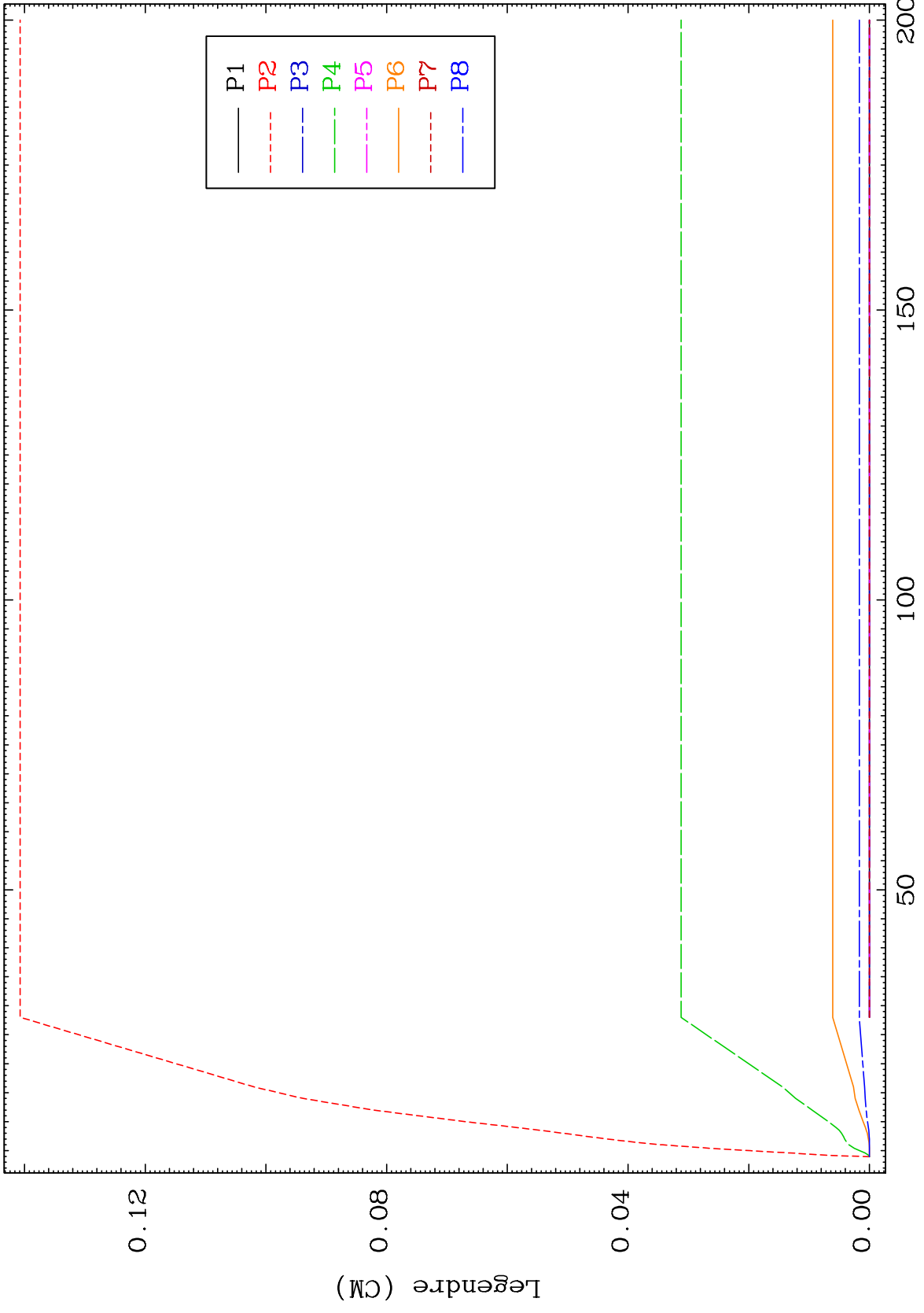
49 Incident Energy (MeV) 19-K -37

MAT 1919 MT= 61 (n,n') Level Legendre Coefficients 19-K -37



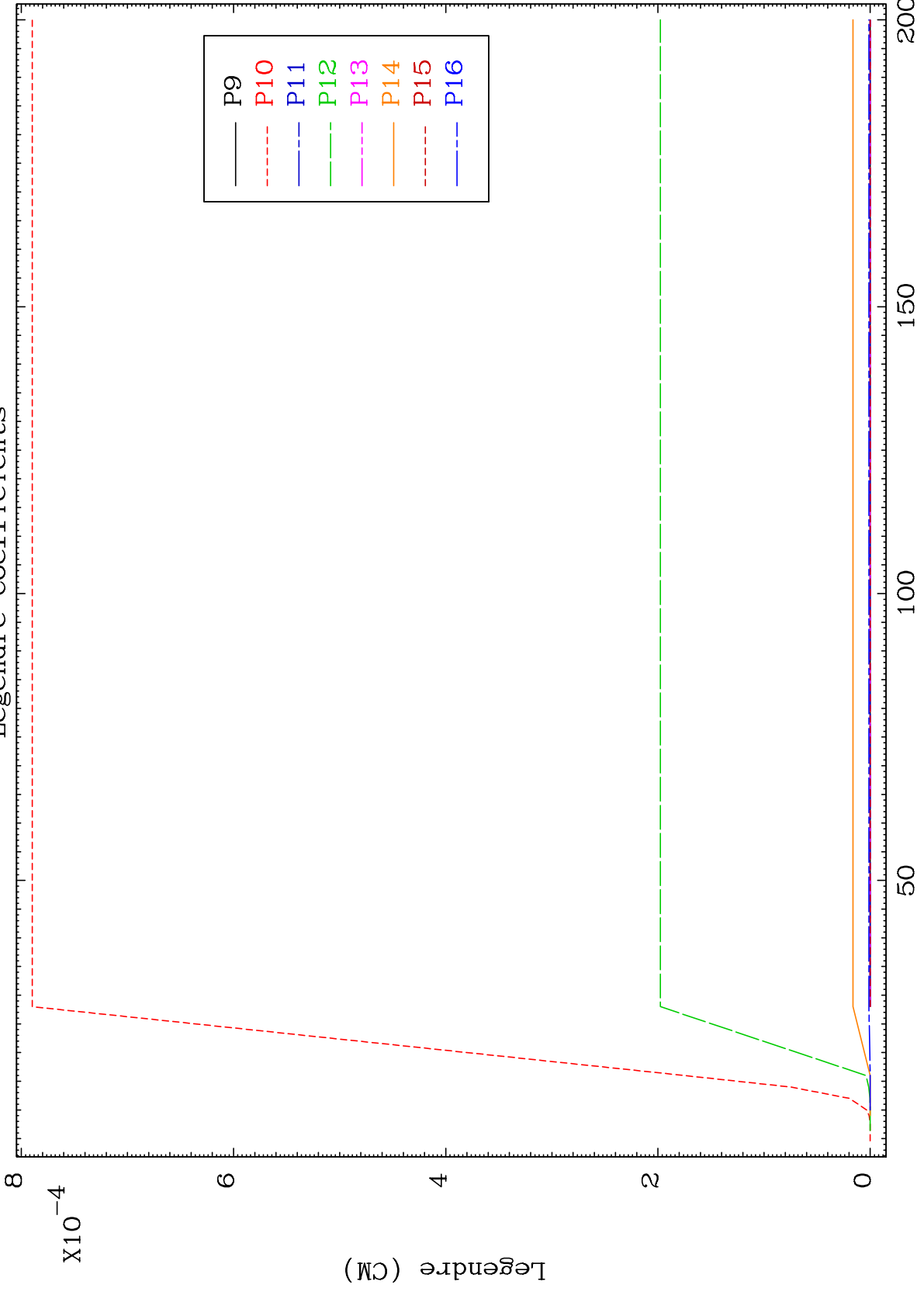
19-K -37

MAT 1919 MT= 62 (n,n') Level Legendre Coefficients 19-K -37



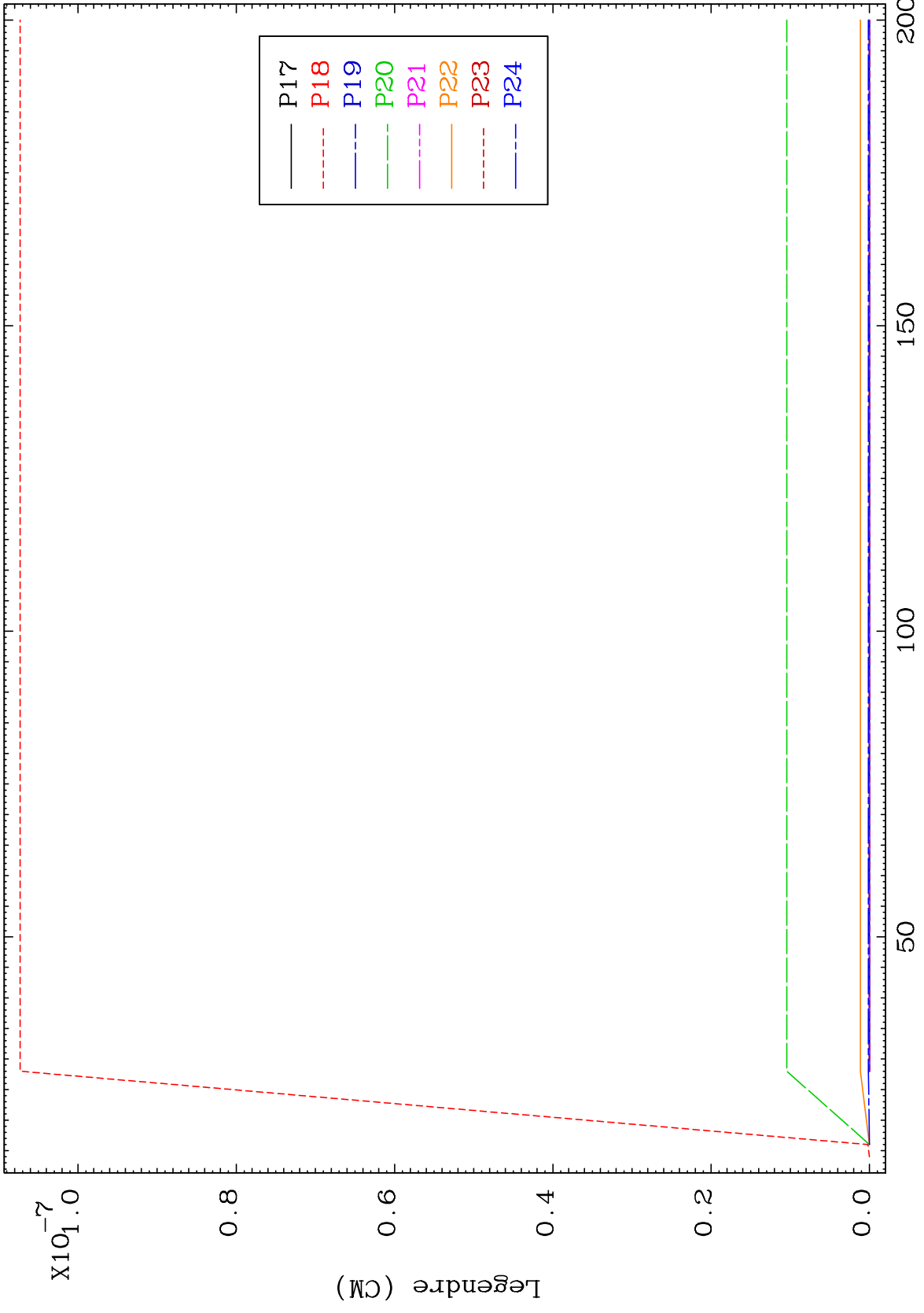
51 Incident Energy (MeV) 19-K -37

MAT 1919 MT= 62 (n,n') Level Legendre Coefficients 19-K -37



52 Incident Energy (MeV) 19-K -37

MAT 1919 MT= 62 (n,n') Level Legendre Coefficients 19-K -37

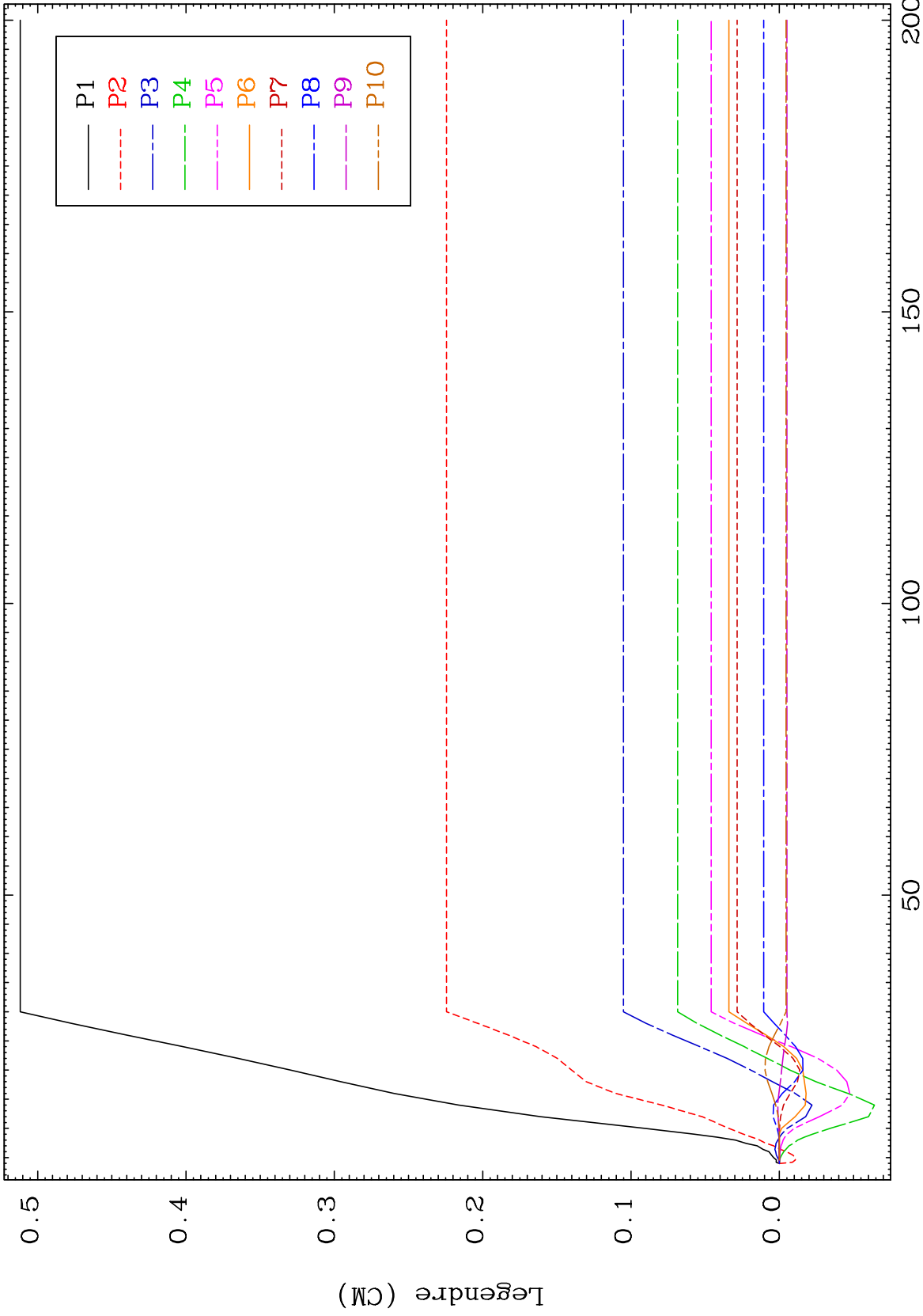


53 Incident Energy (MeV) 19-K -37

MAT 1919

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

19-K -37



54

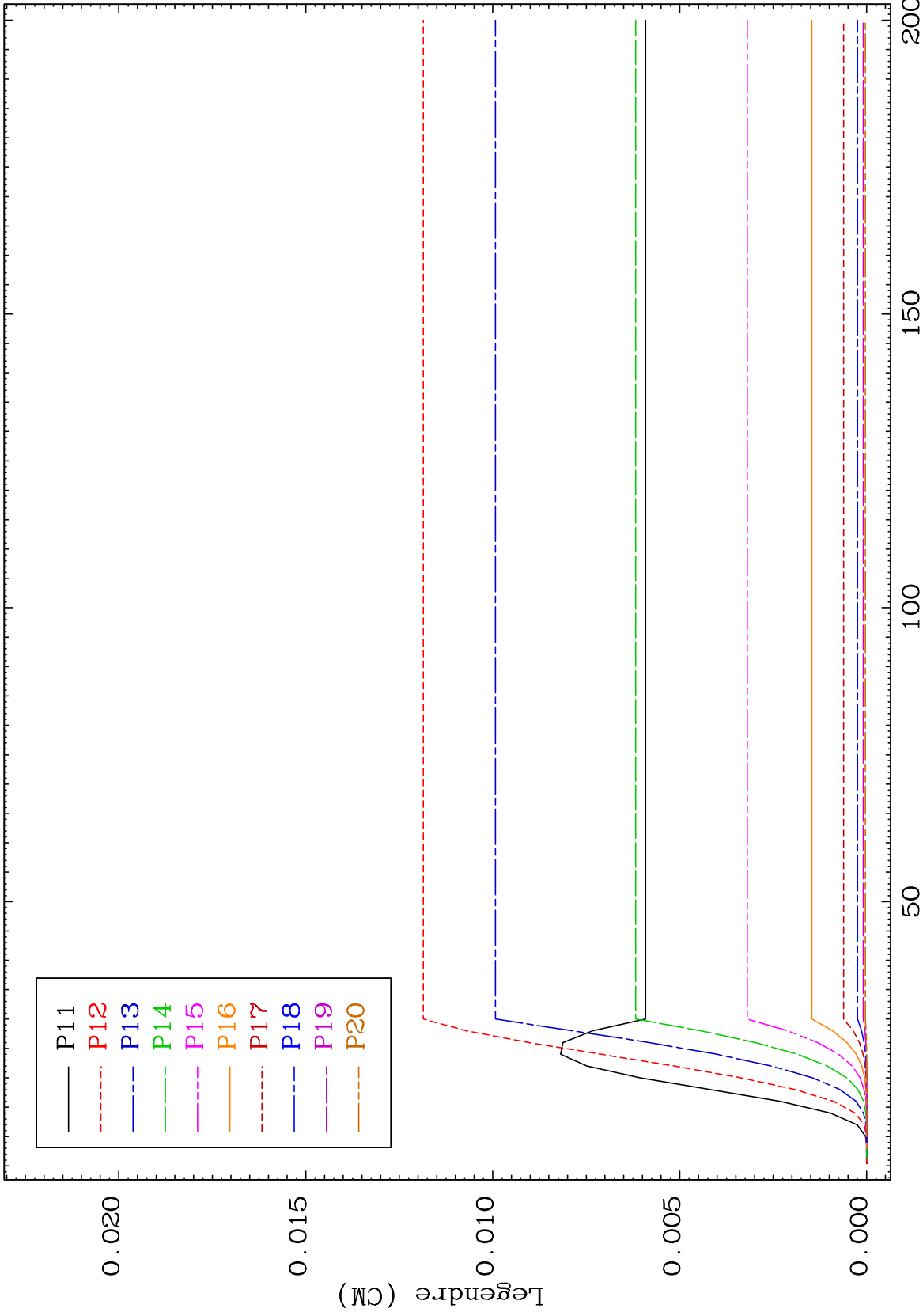
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



55

Incident Energy (MeV)

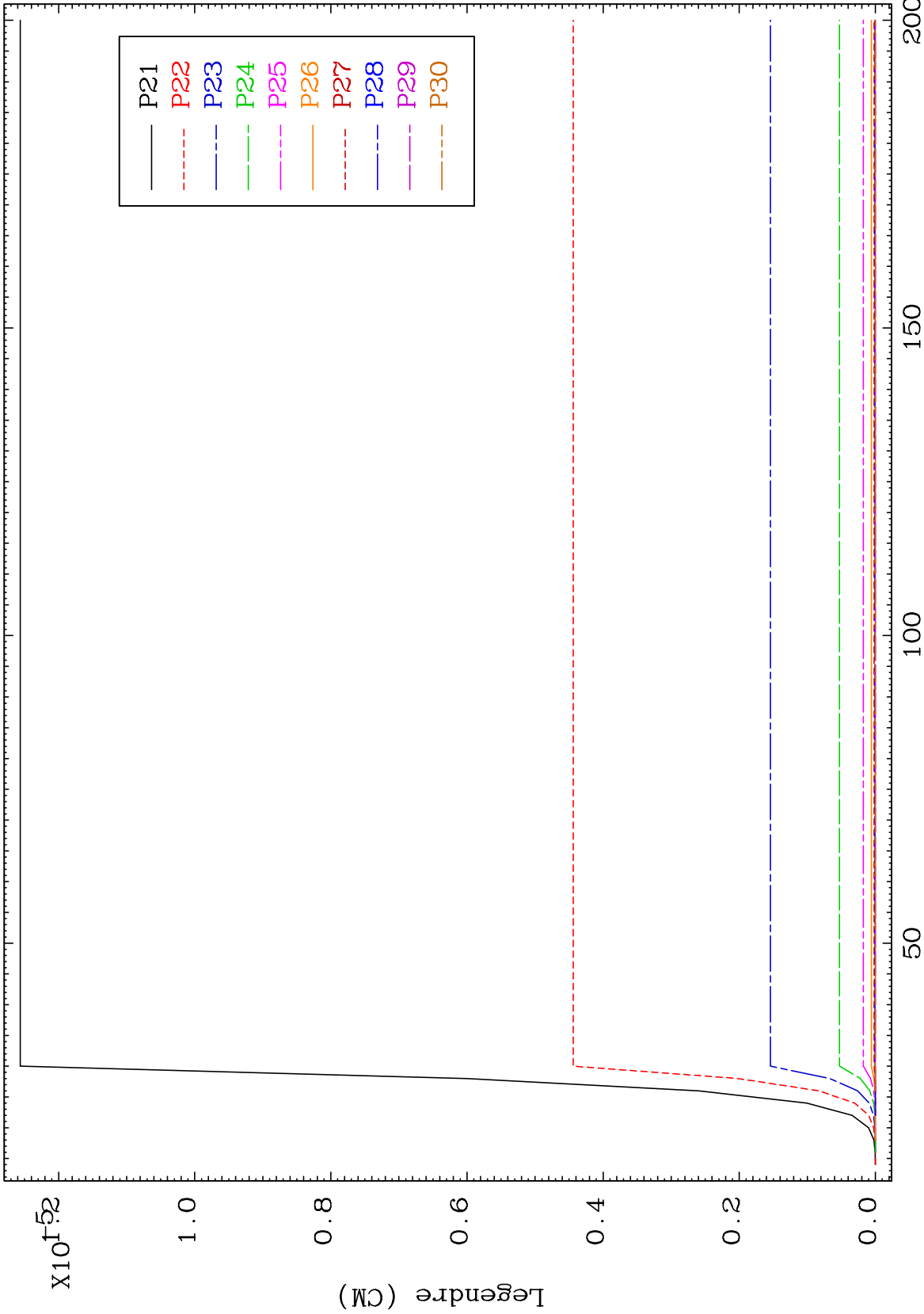
19-K -37



MAT 1919

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

19-K -37



56

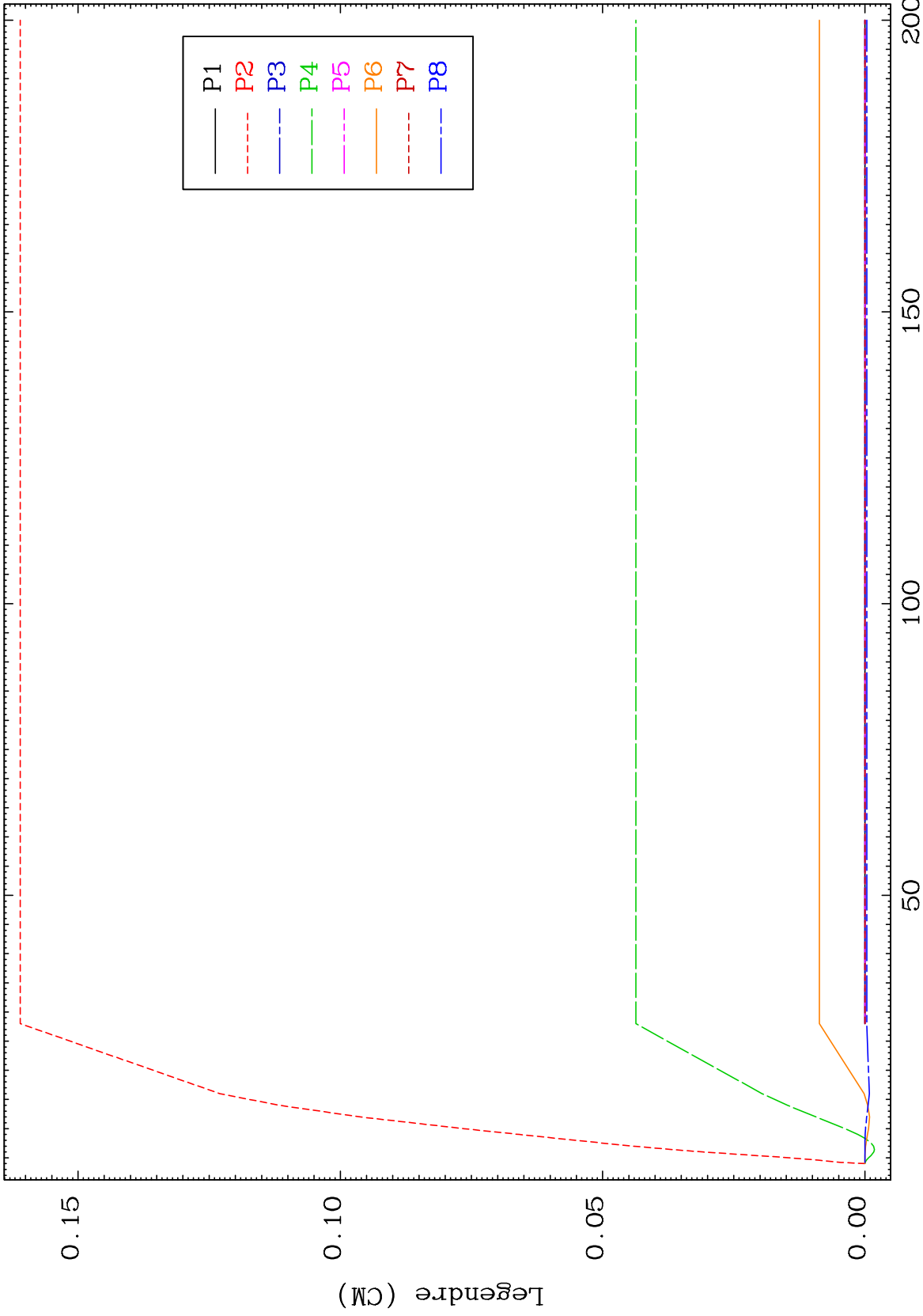
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37

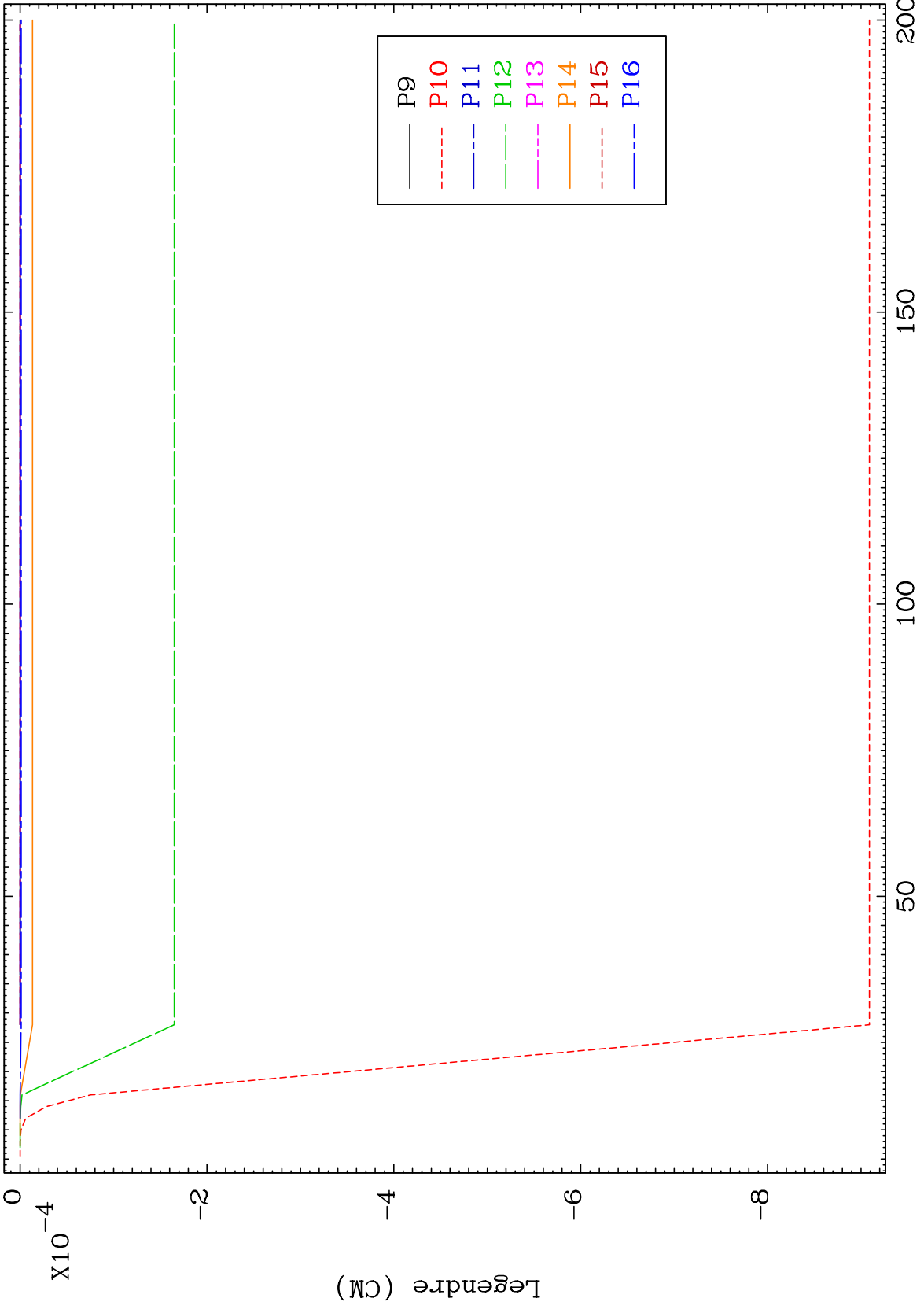


57

Incident Energy (MeV)

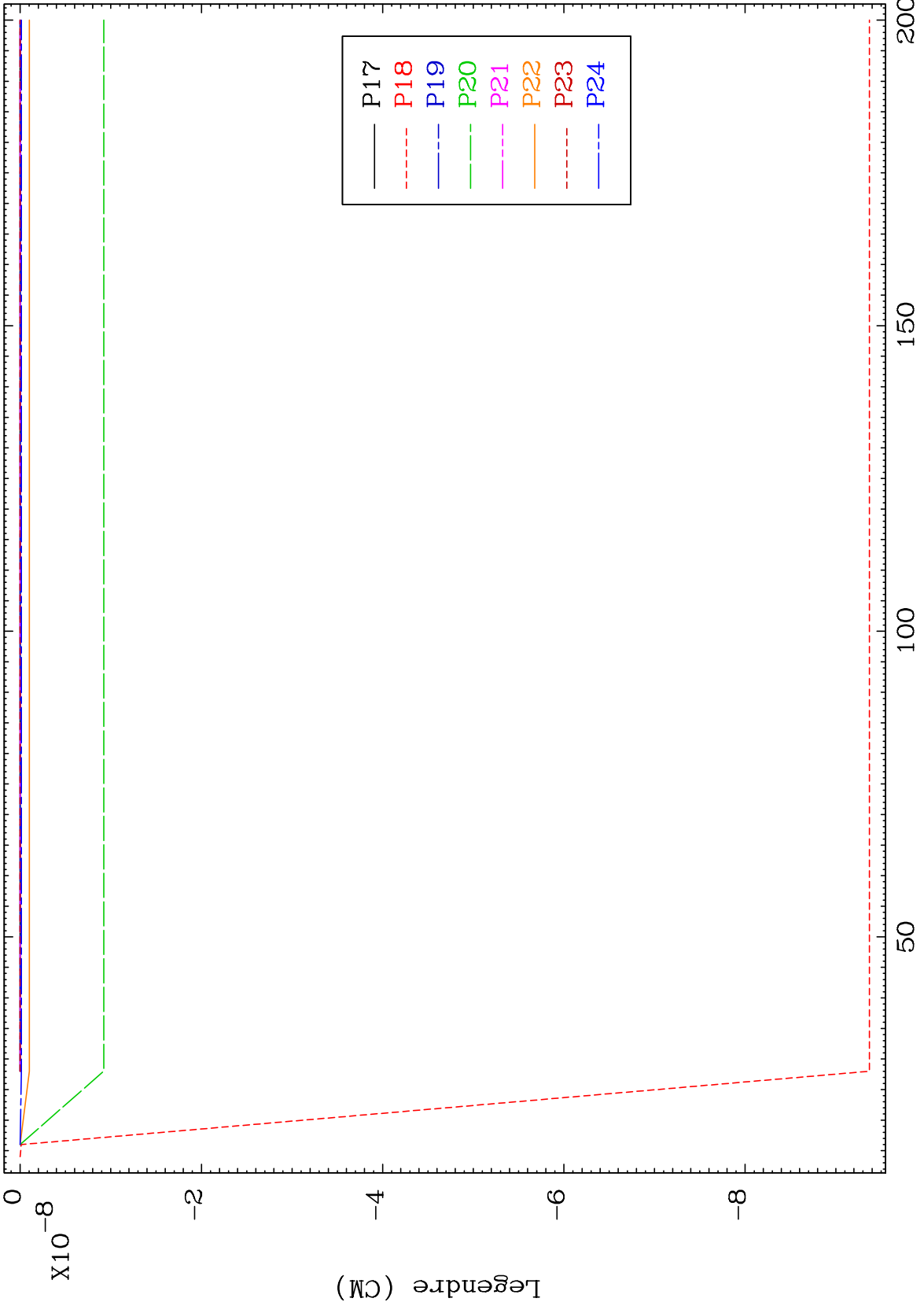
19-K -37

MAT 1919 MT= 64 (n,n') Level Legendre Coefficients 19-K -37



58 Incident Energy (MeV) 19-K -37

MAT 1919 MT= 64 (n,n') Level Legendre Coefficients 19-K -37

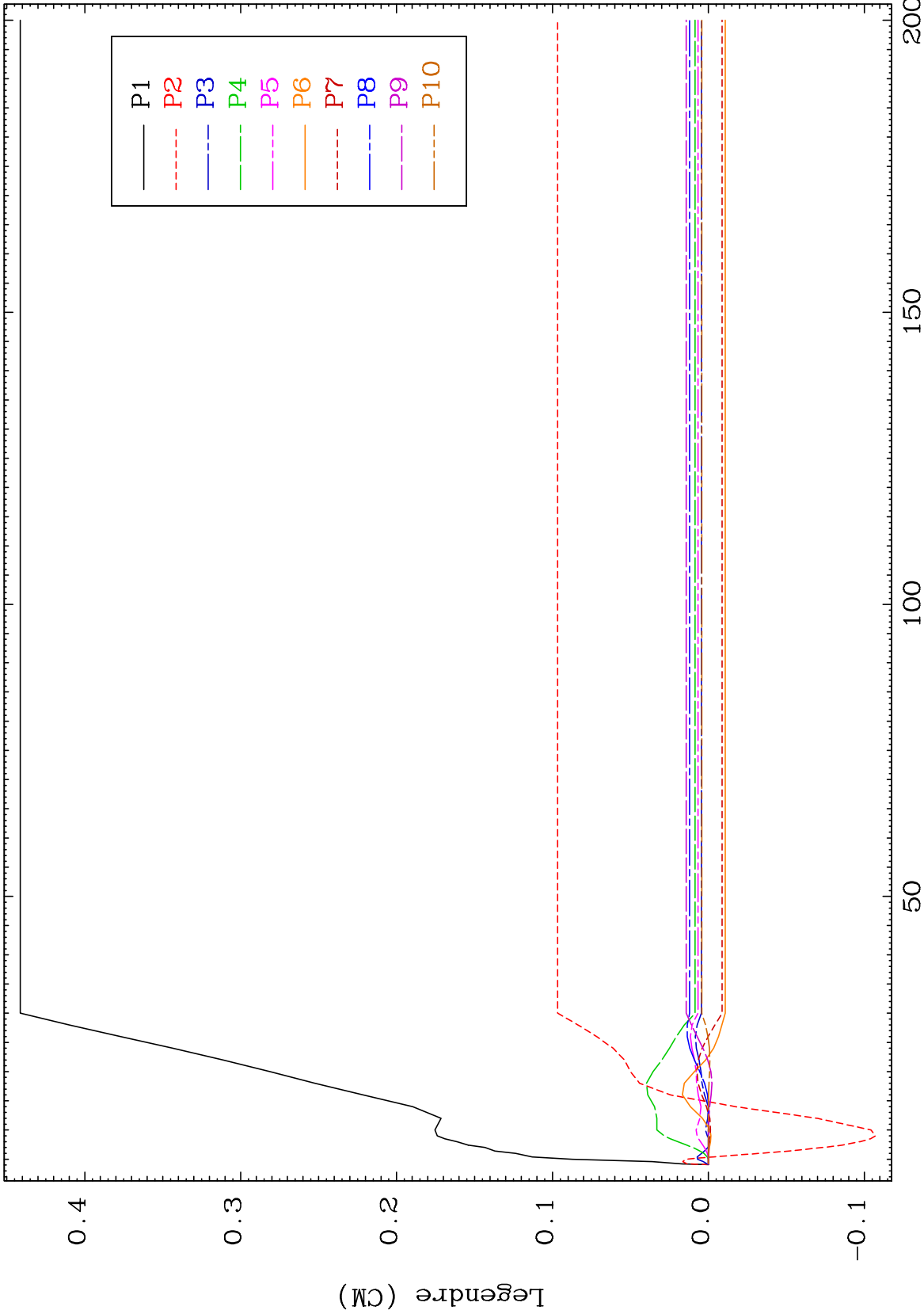


59 Incident Energy (MeV) 19-K -37

MAT 1919

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

19-K -37



19-K -37

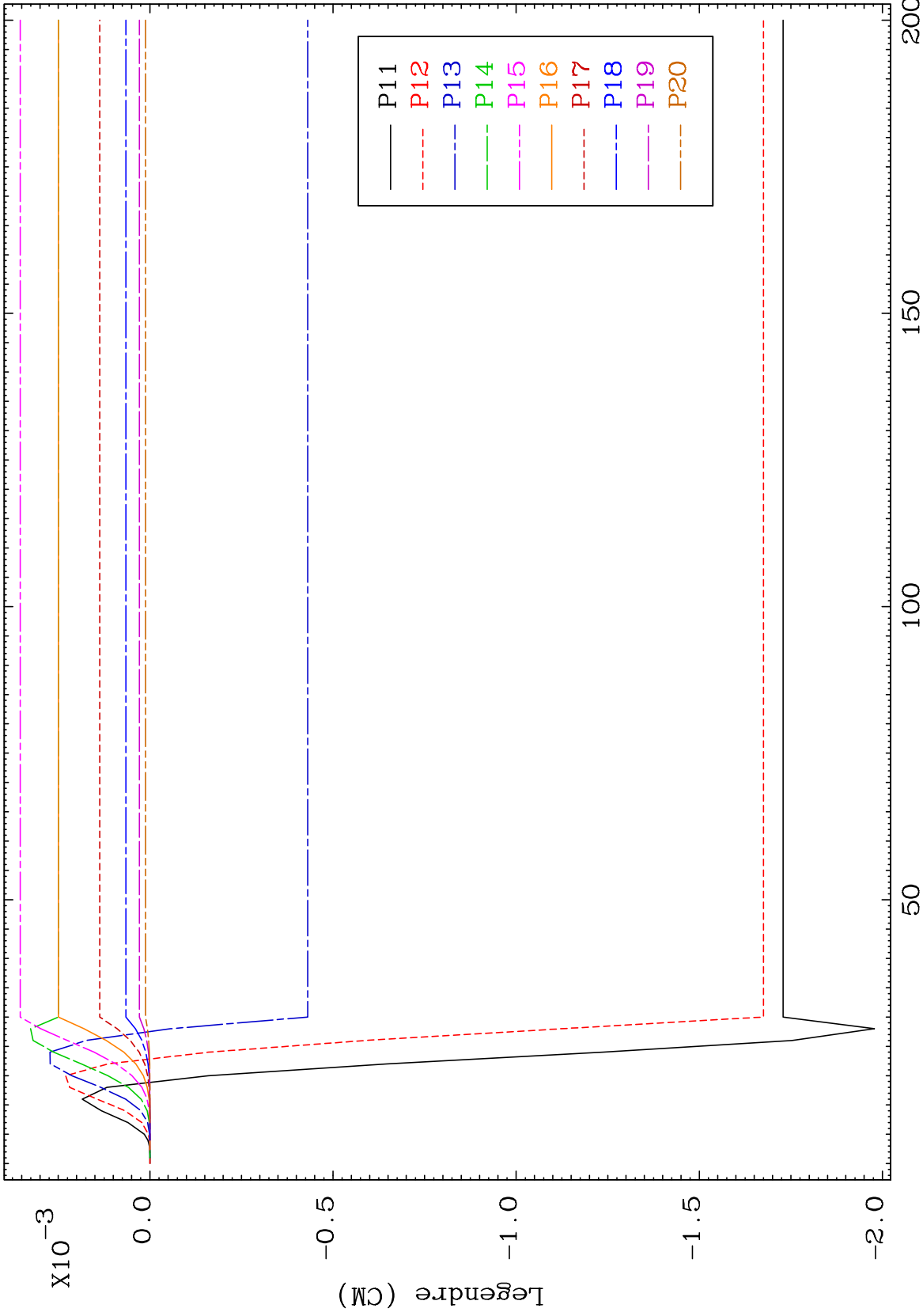
Incident Energy (MeV)

60

MAT 1919

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

19-K -37



61

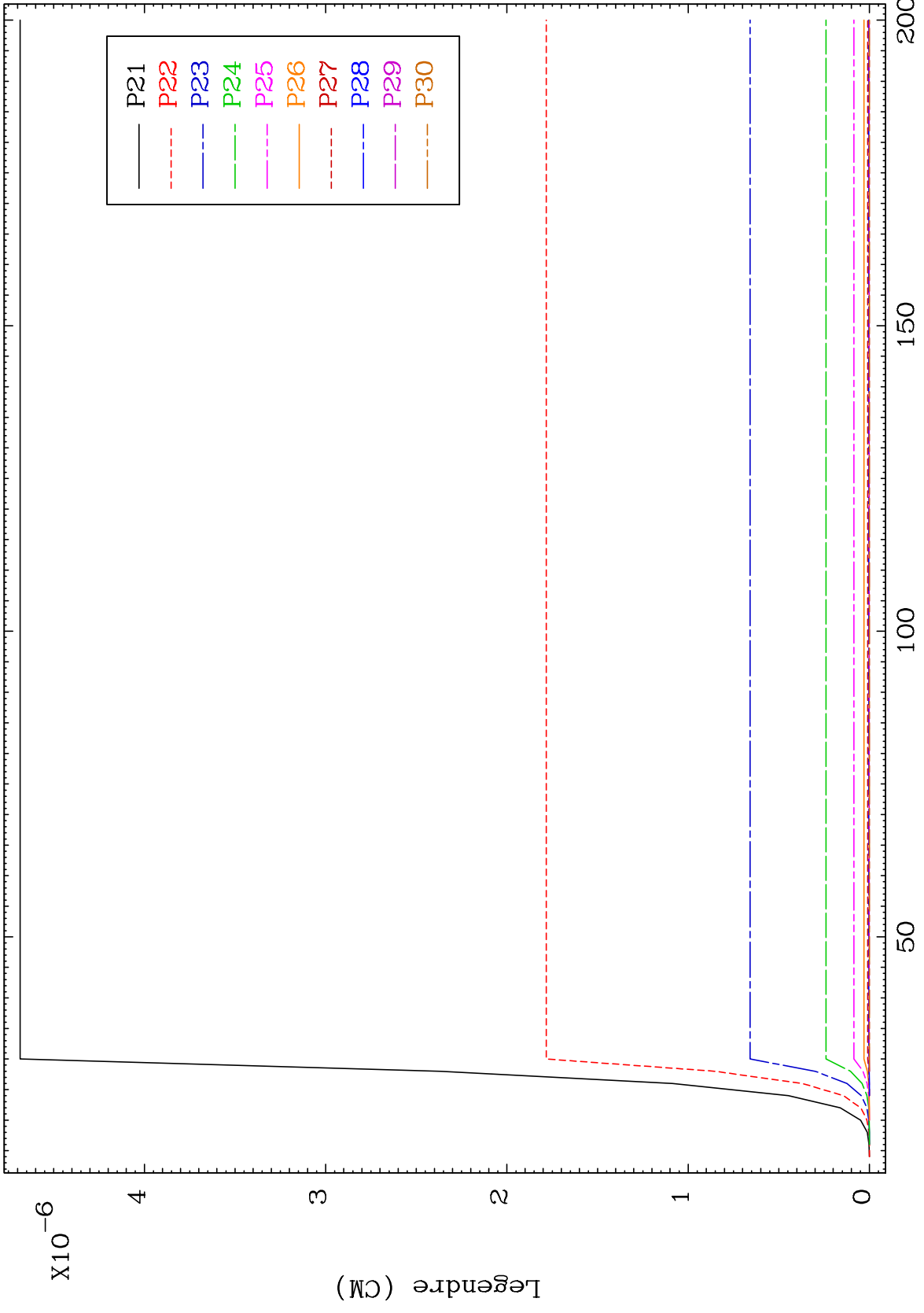
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



62

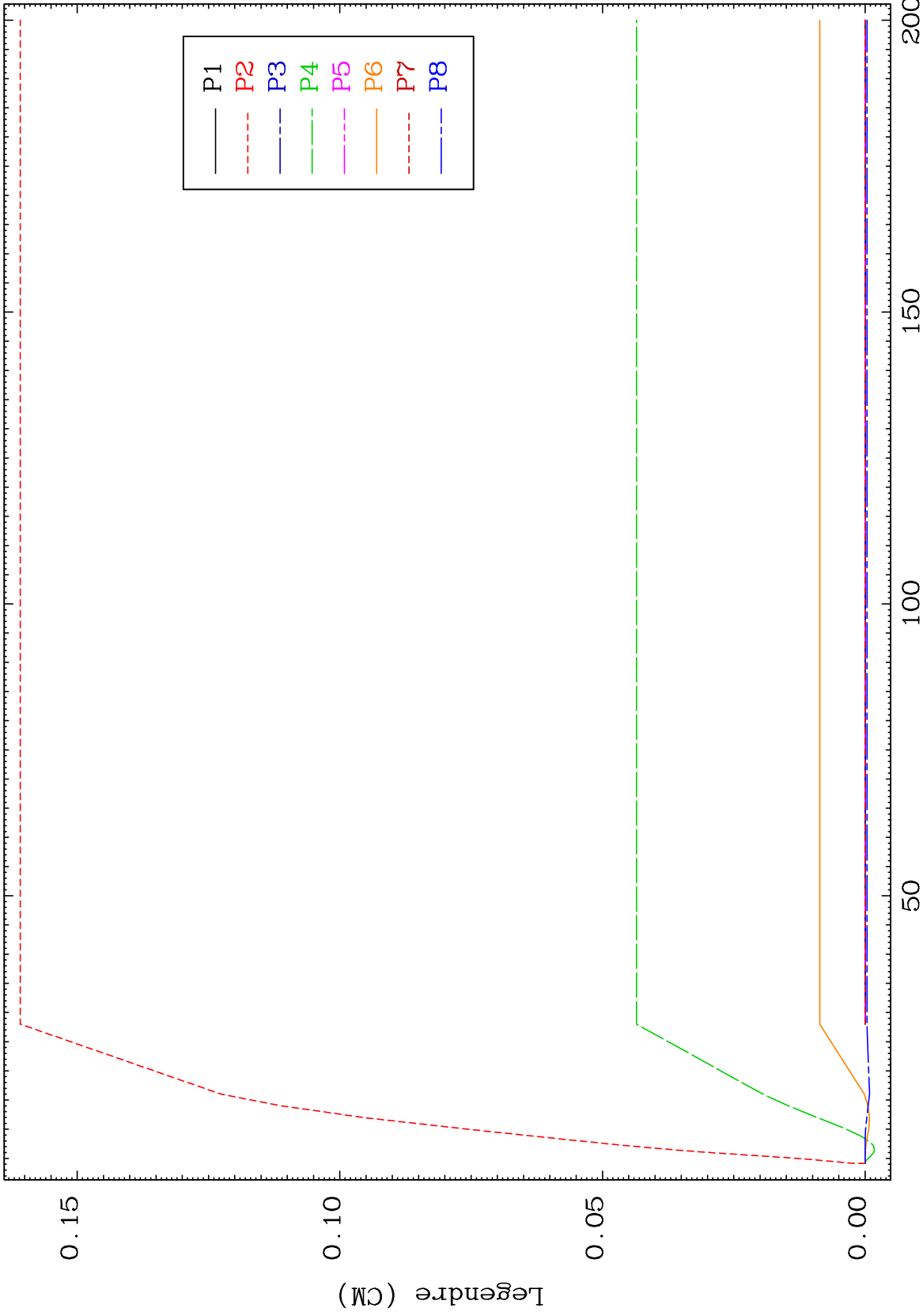
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



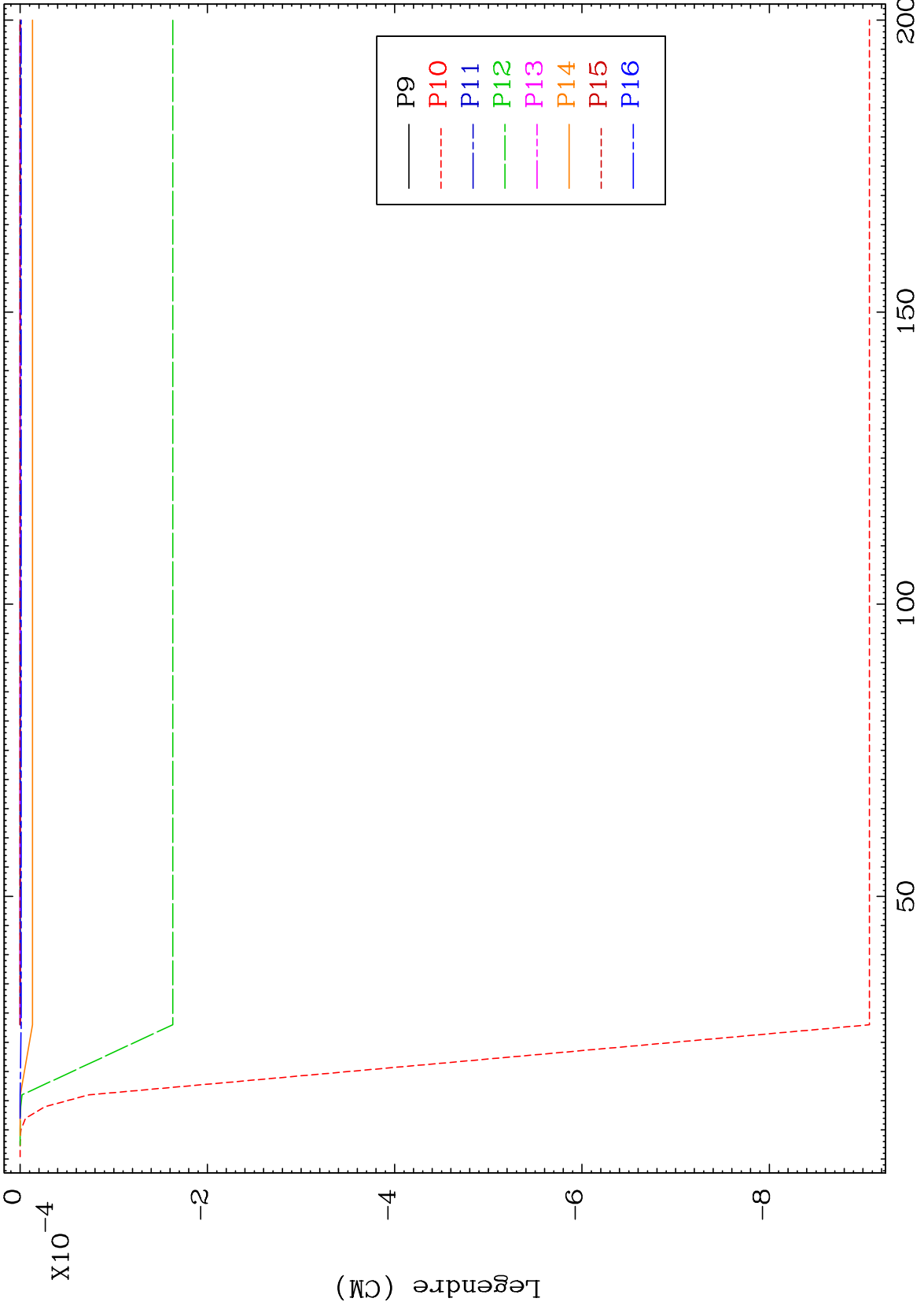
63

Incident Energy (MeV)

19-K -37

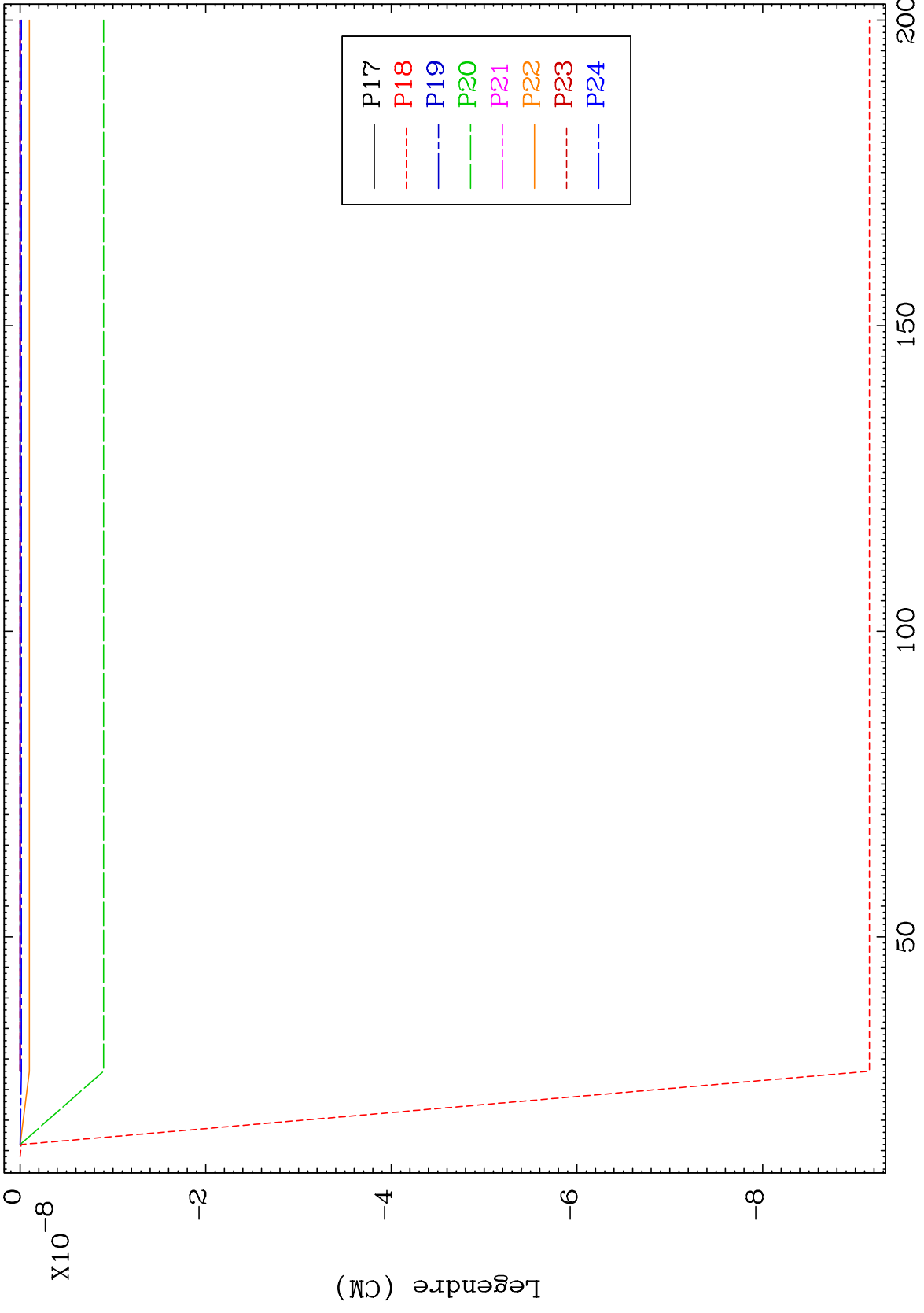


MAT 1919 MT= 66 (n,n') Level Legendre Coefficients 19-K -37



64 Incident Energy (MeV) 19-K -37

MAT 1919 MT= 66 (n,n') Level Legendre Coefficients 19-K -37

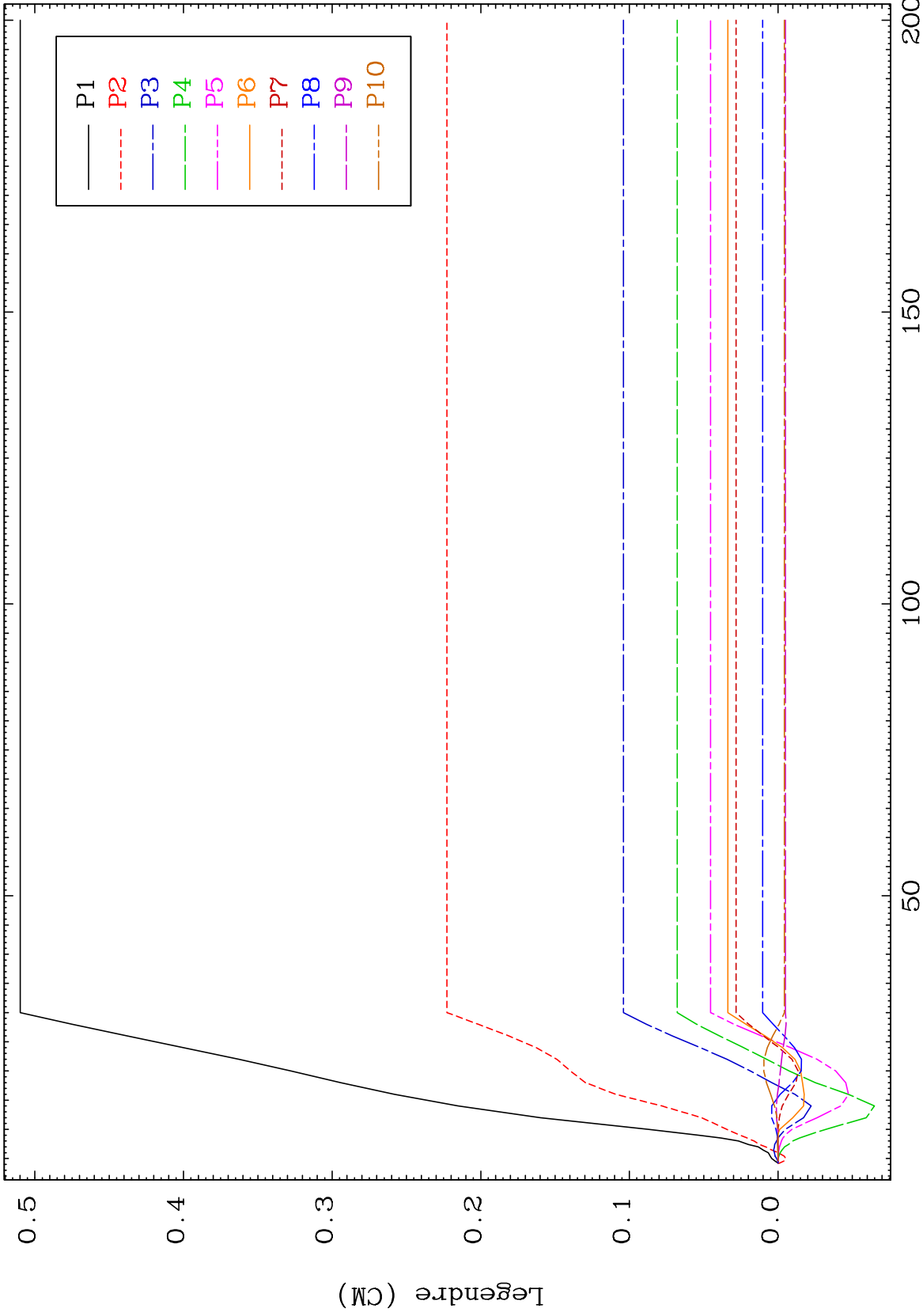


65 Incident Energy (MeV) 19-K -37

MAT 1919

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

19-K -37



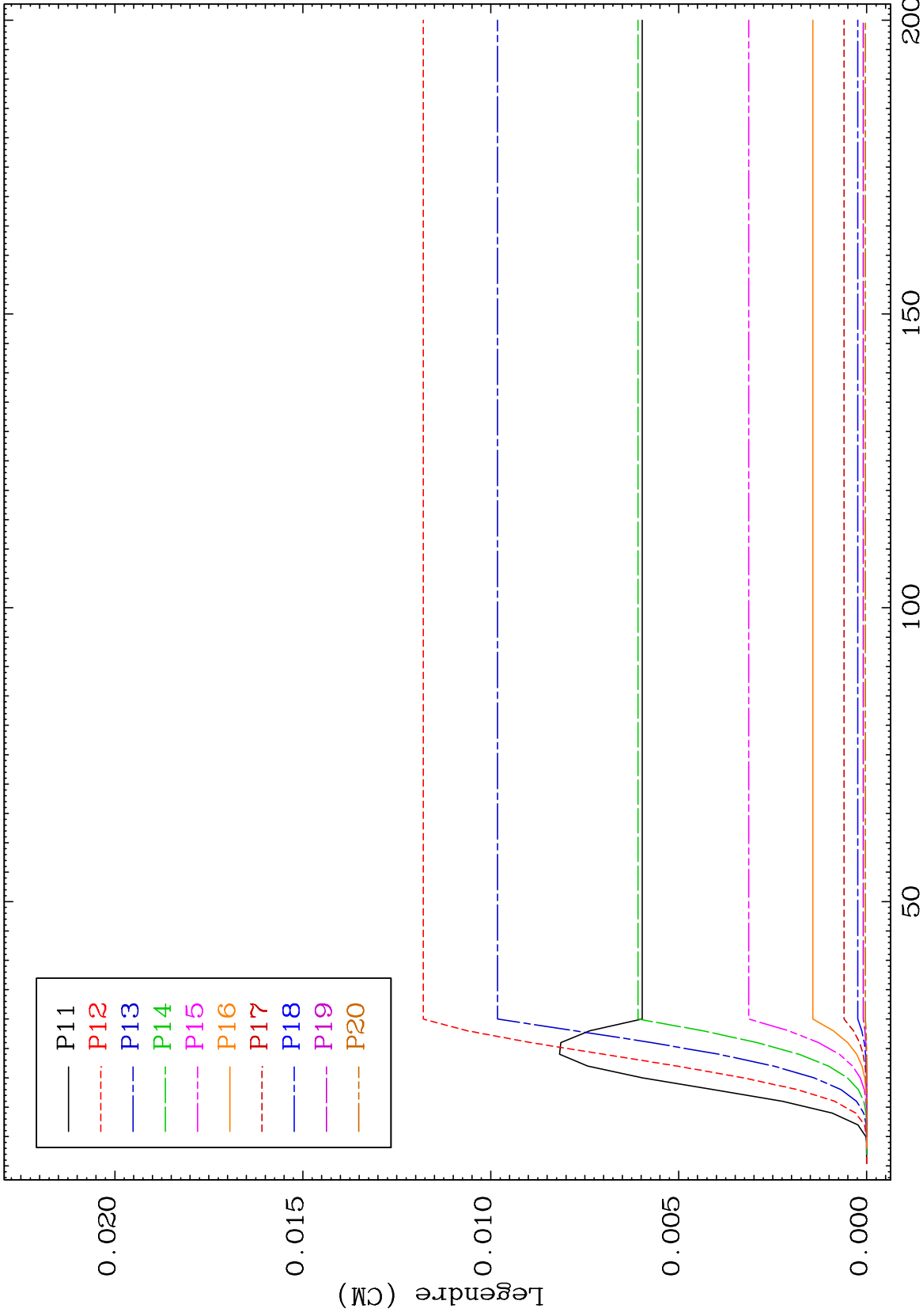
66

19-K -37

MAT 1919

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

19-K -37



67

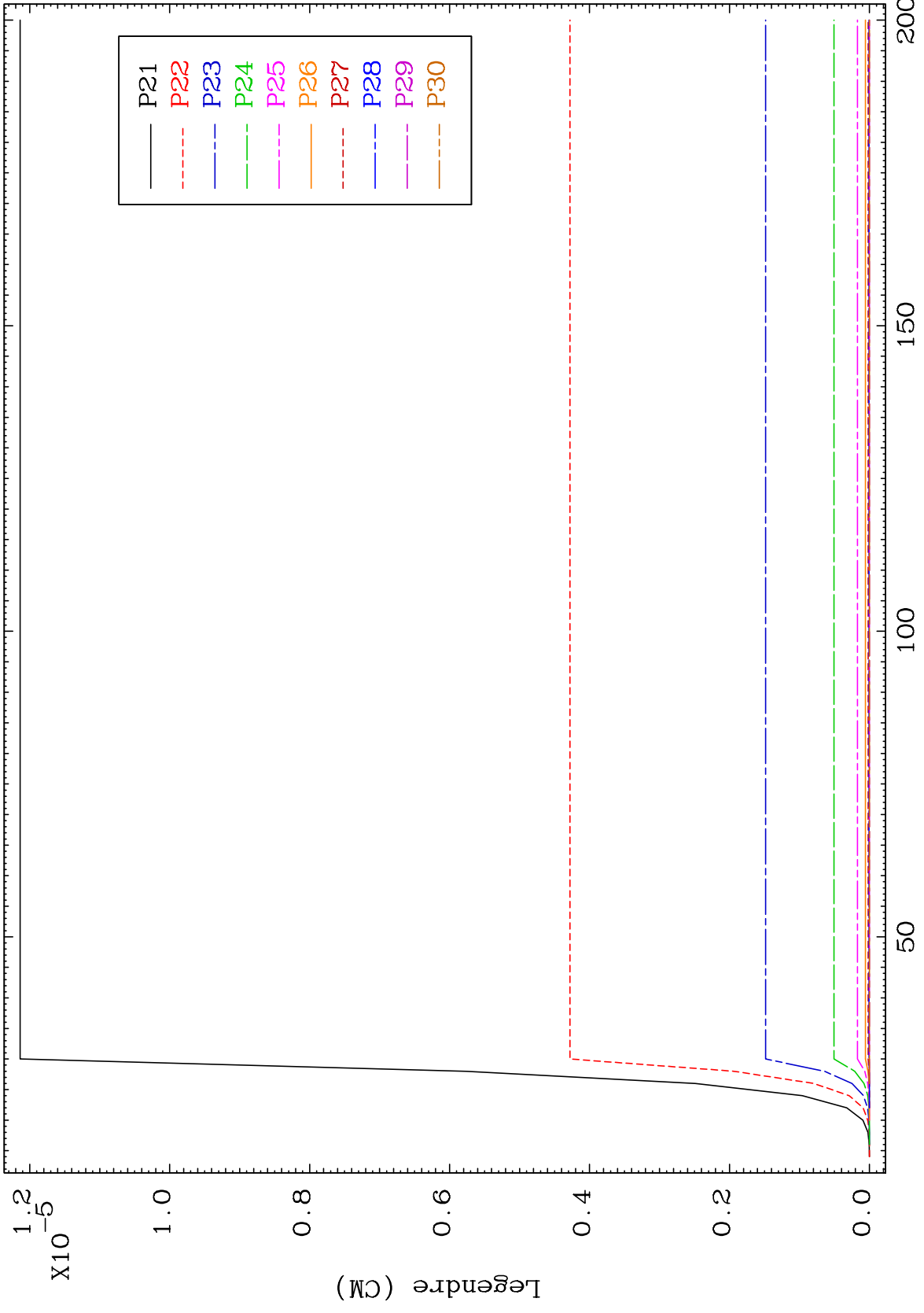
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



68

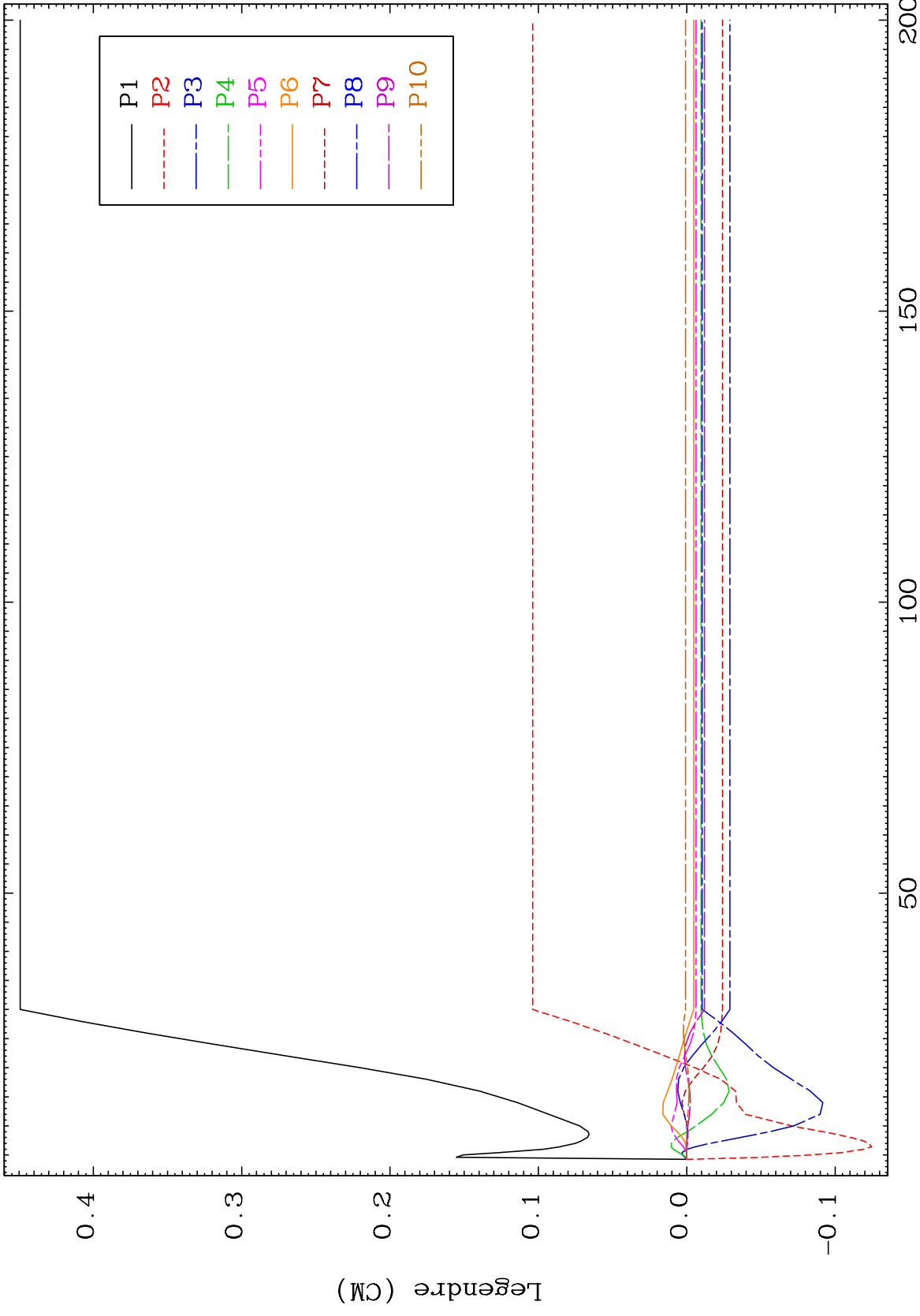
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



69

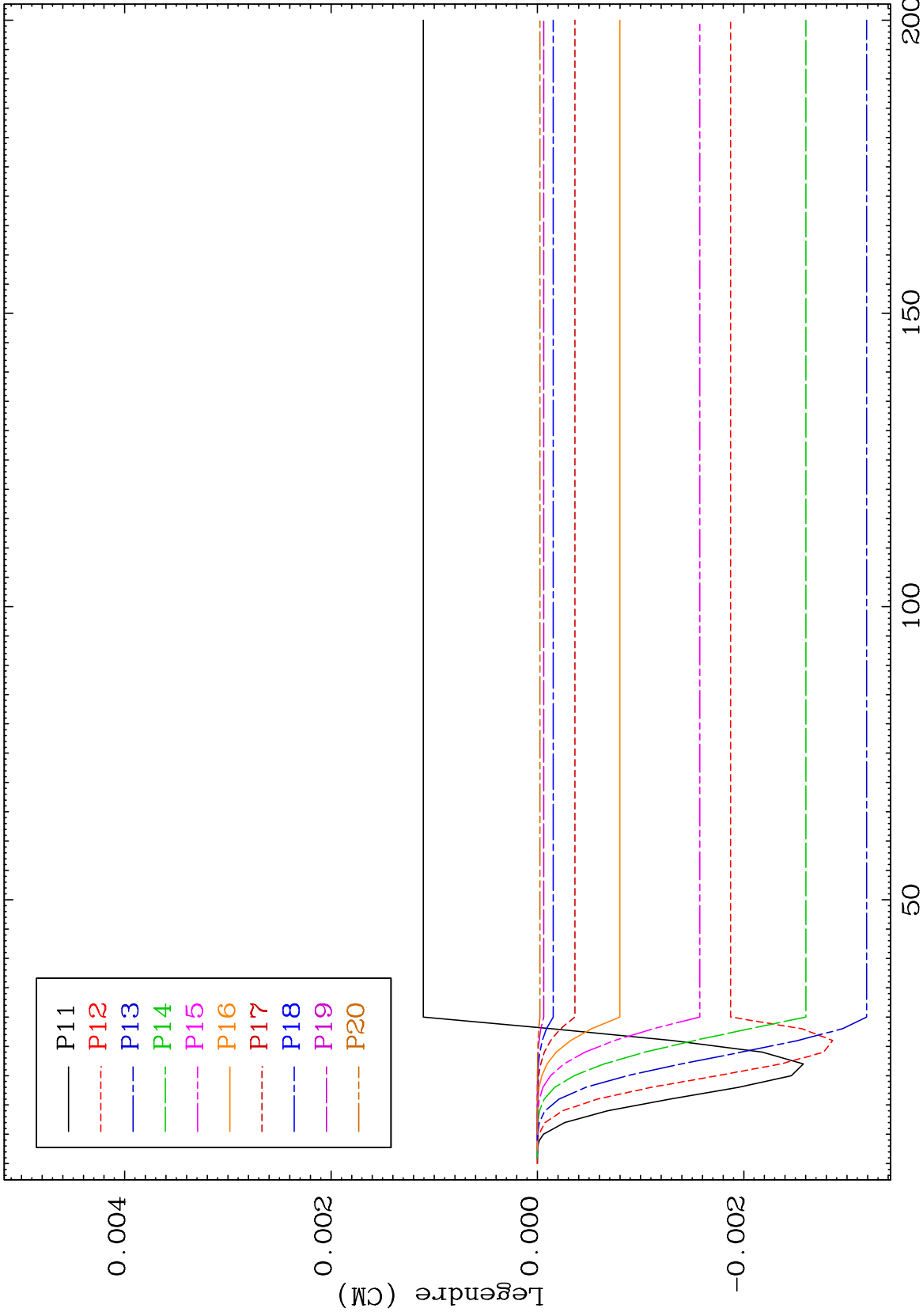
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37

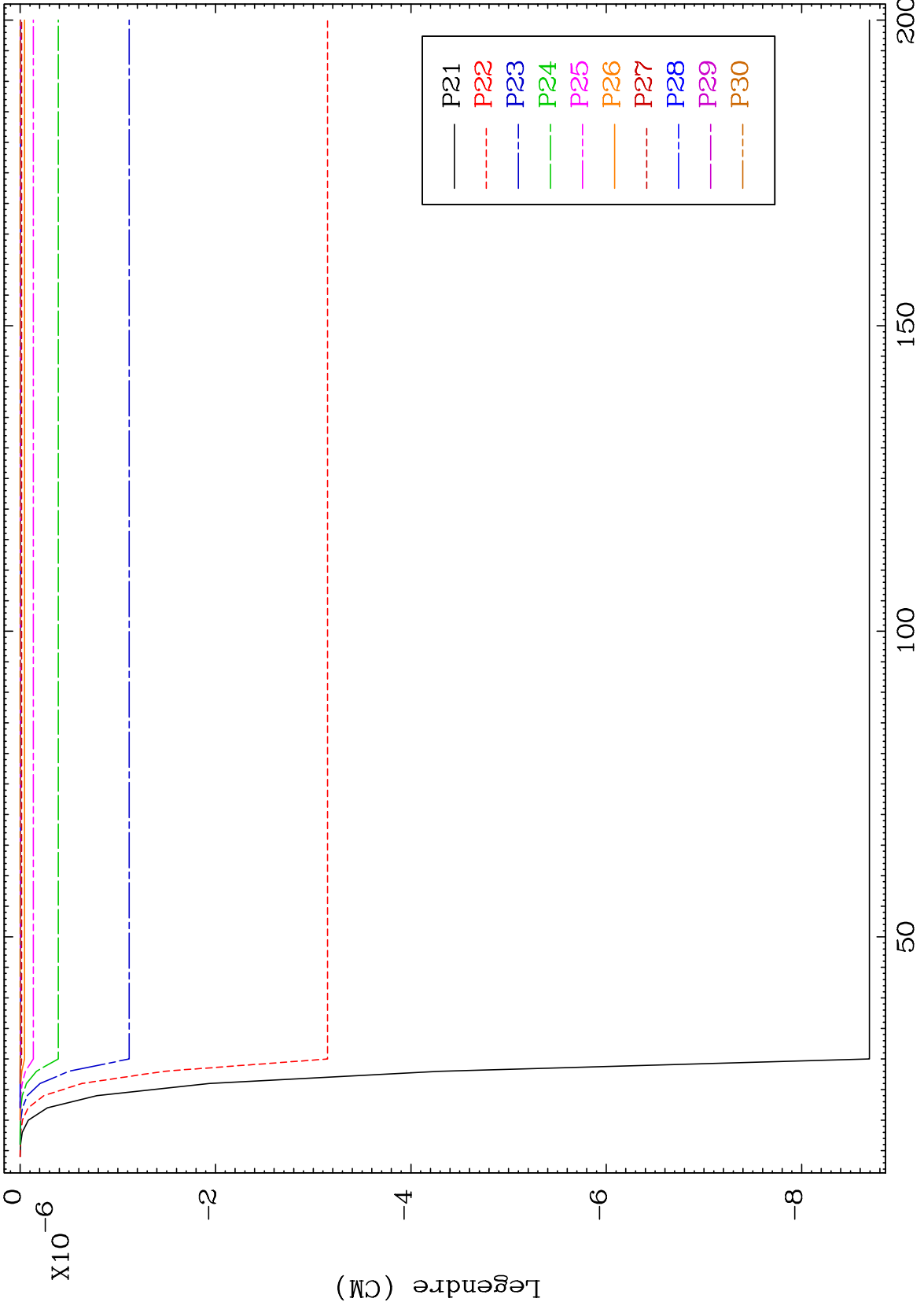


70

Incident Energy (MeV)

19-K -37

MAT 1919 MT= 68 (n,n') Level Legendre Coefficients 19-K -37



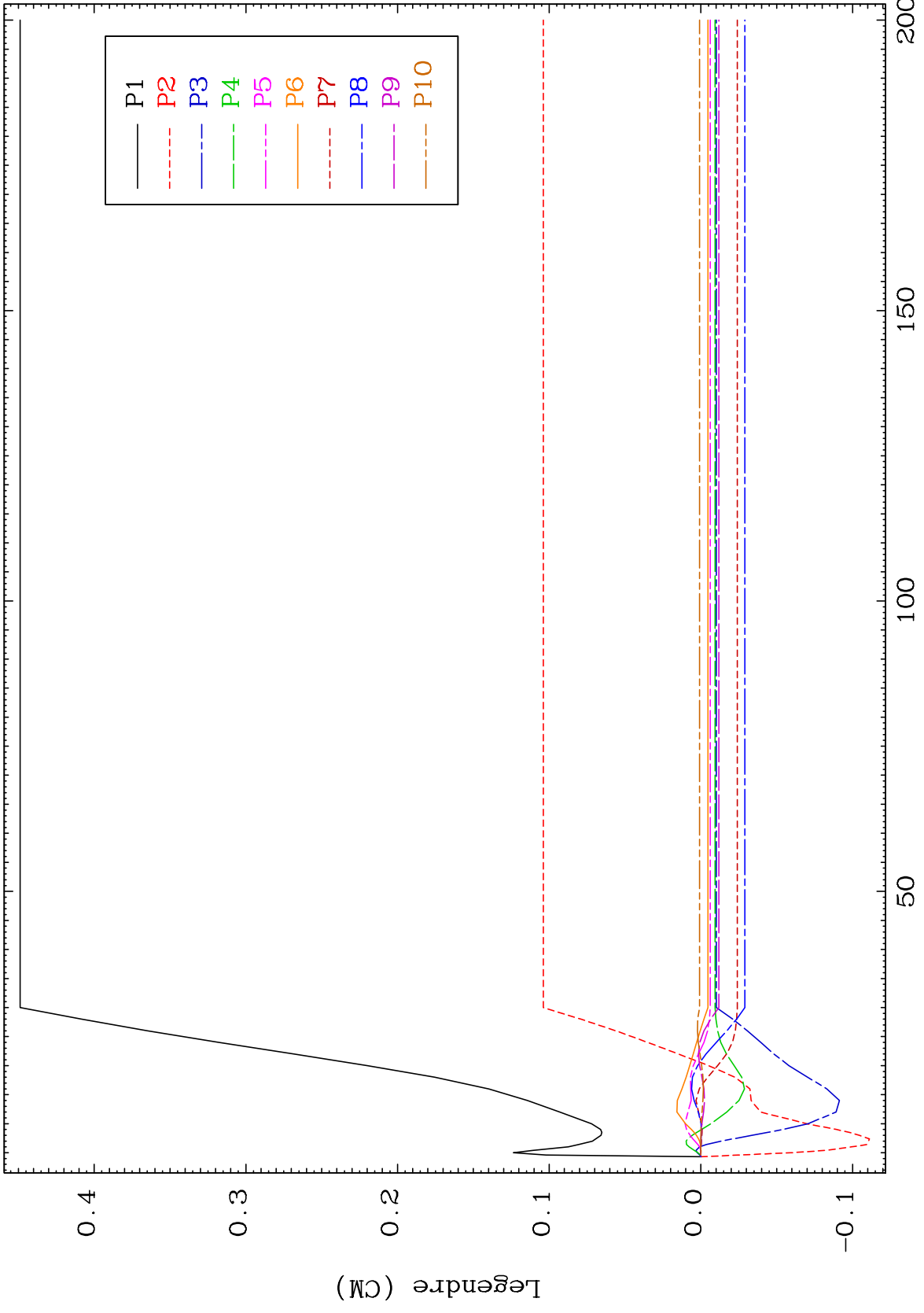
71 19-K -37



MAT 1919

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

19-K -37



72

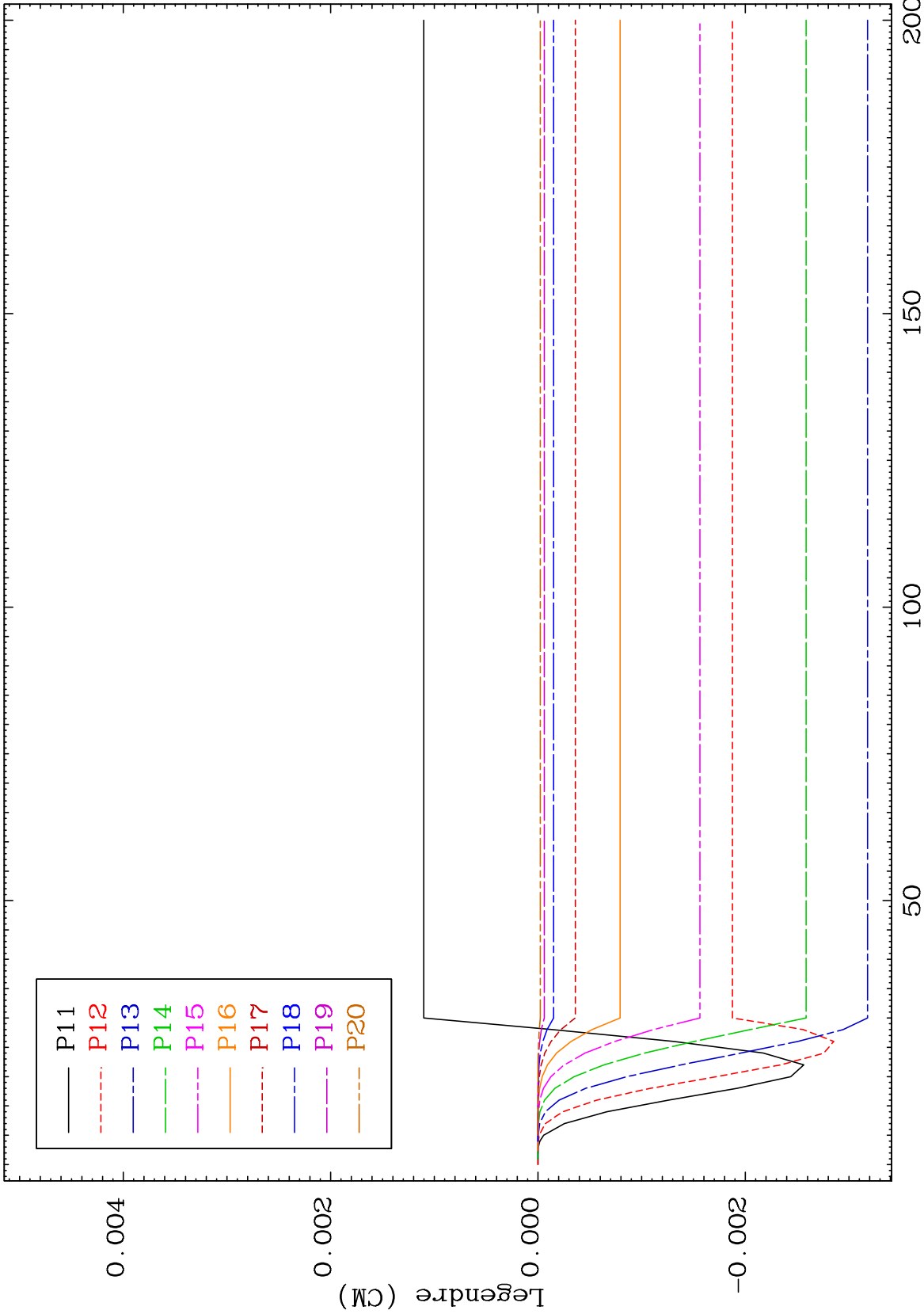
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37

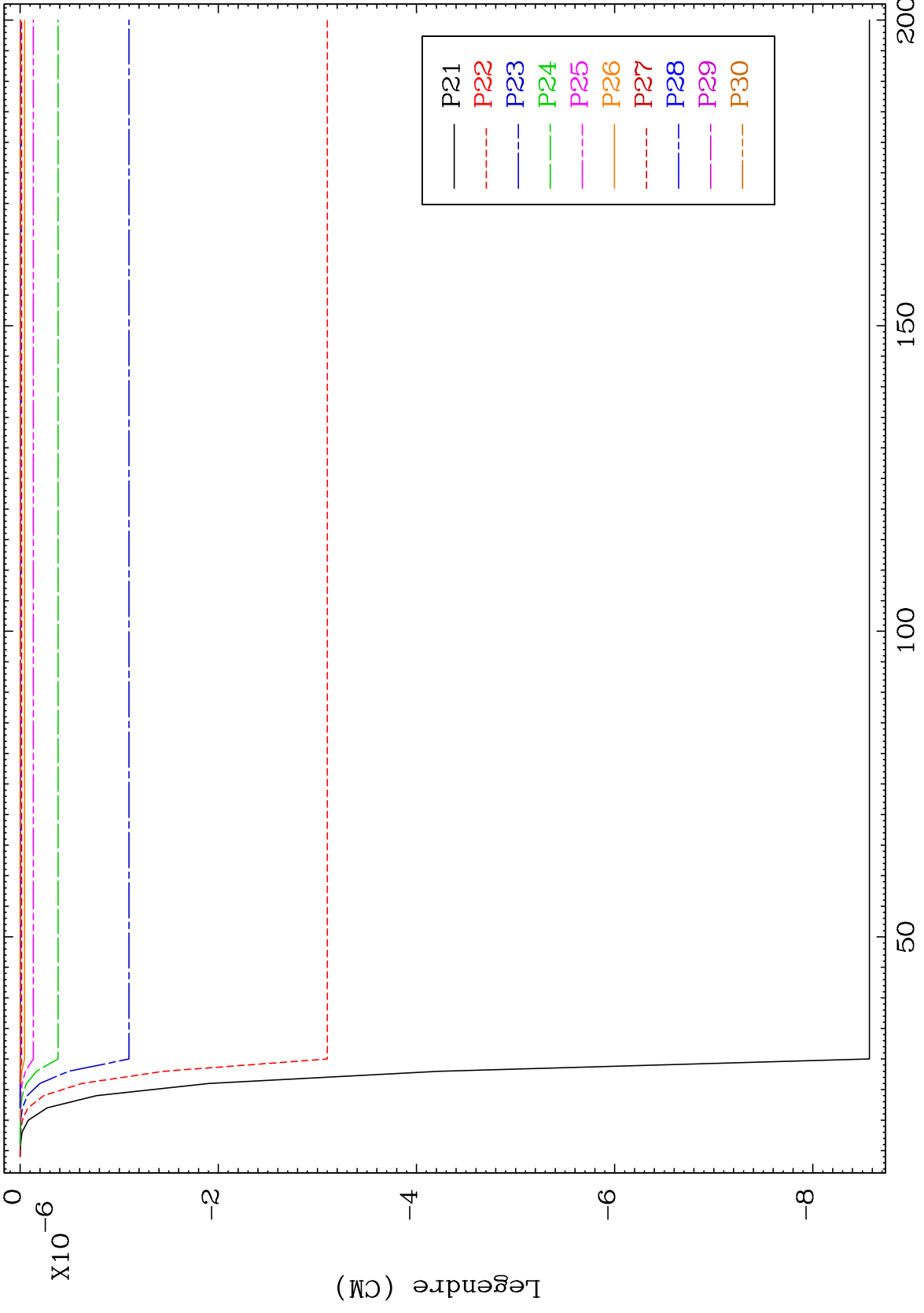


73

Incident Energy (MeV)

19-K -37

MAT 1919 MT= 69 (n,n') Level Legendre Coefficients 19-K -37

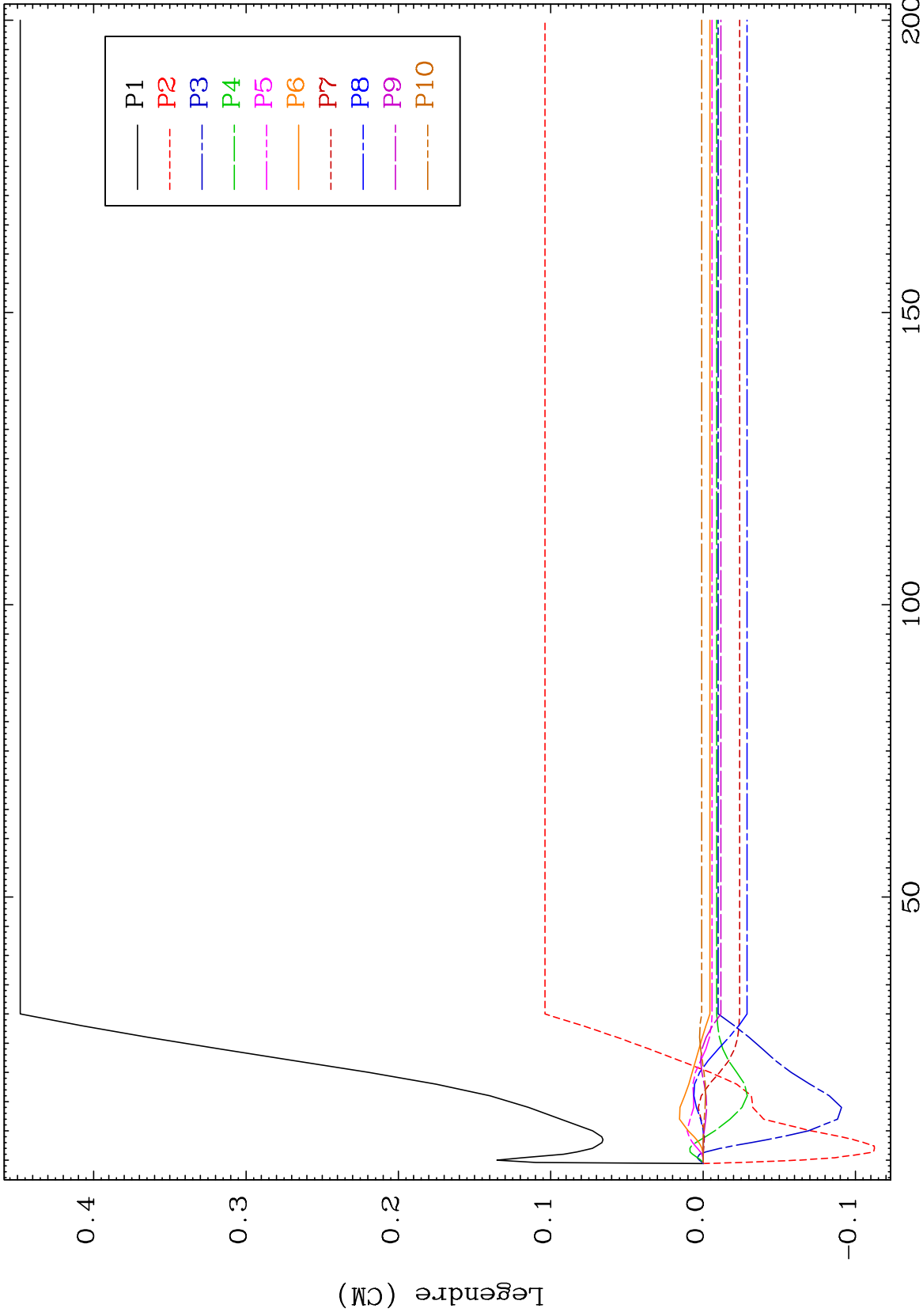


74 Incident Energy (MeV) 19-K -37

MAT 1919

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

19-K -37



75

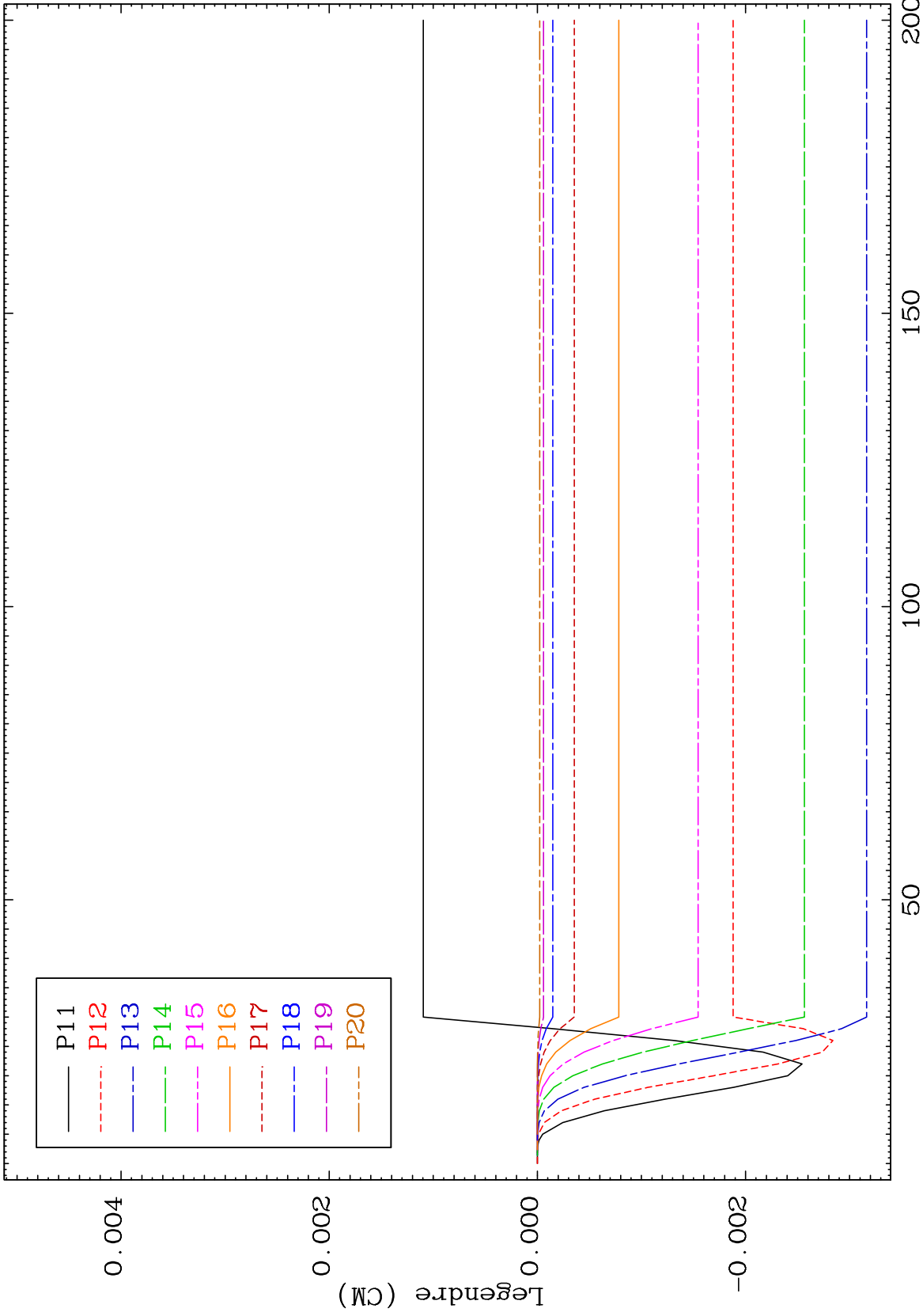
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37

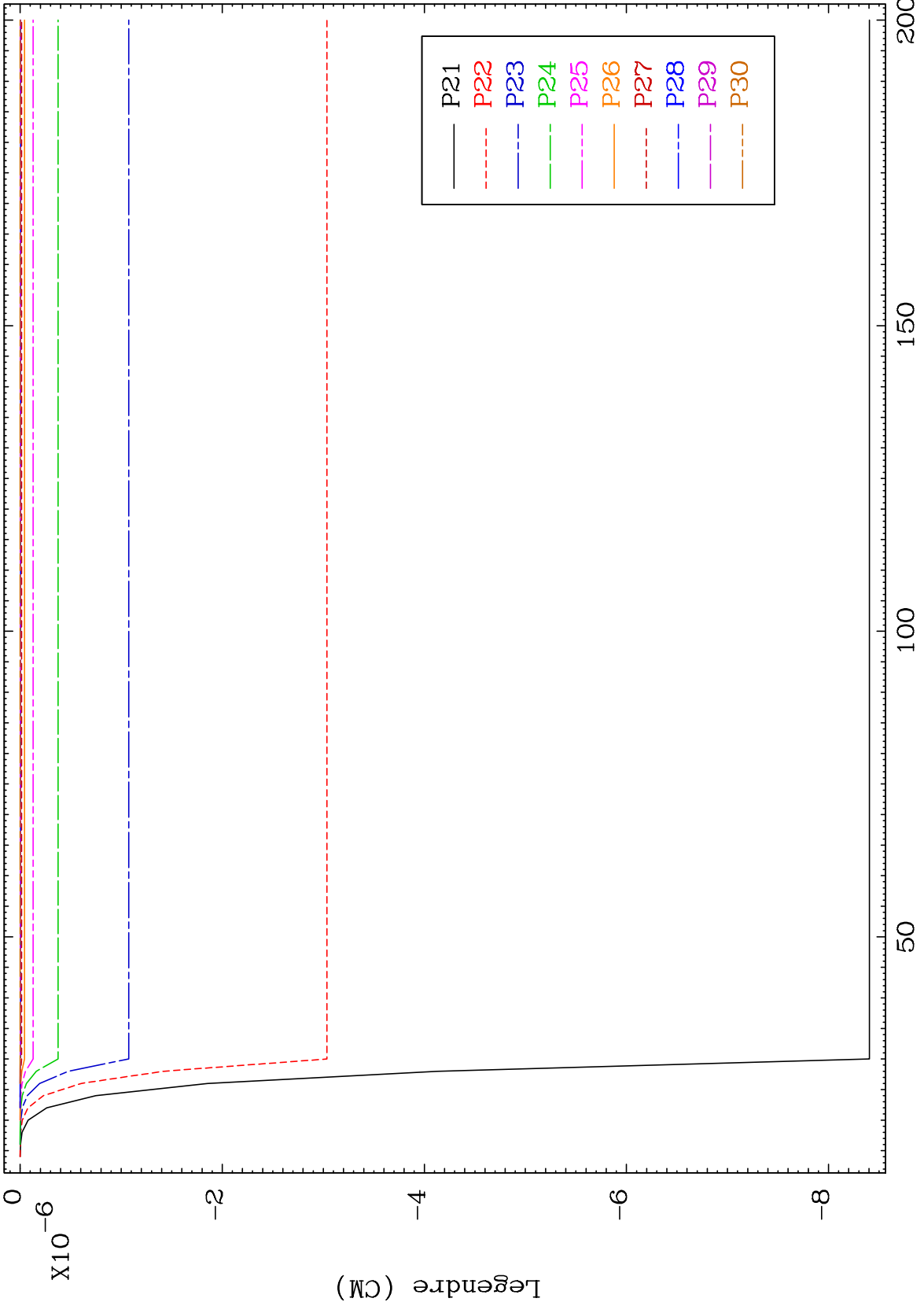


76

Incident Energy (MeV)

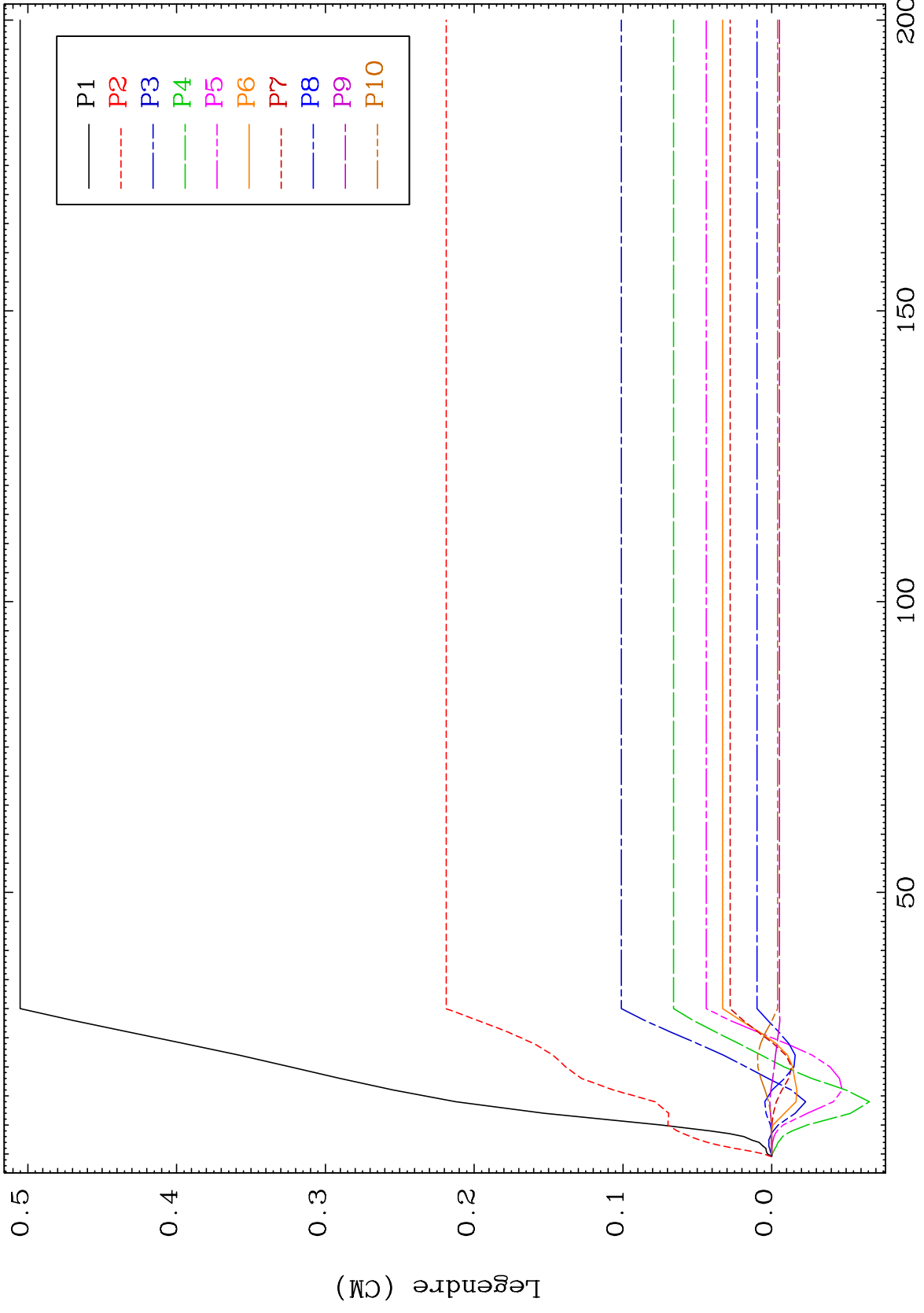
19-K -37

MAT 1919 MT= 70 (n,n') Level Legendre Coefficients 19-K -37



77 19-K -37

MAT 1919 MT= 71 (n,n') Level Legendre Coefficients 19-K -37

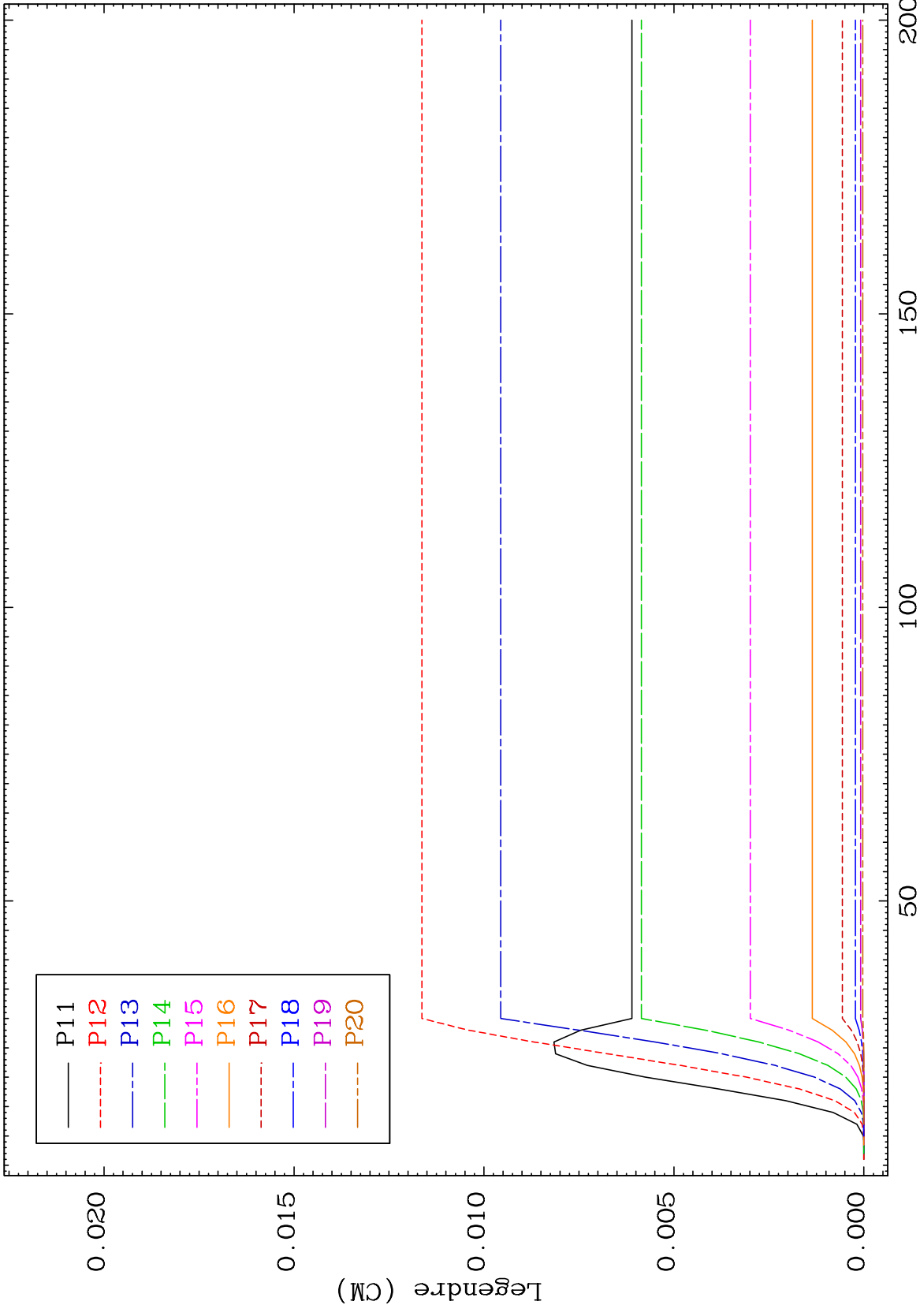


78 19-K -37

MAT 1919

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

19-K -37



79

Incident Energy (MeV)

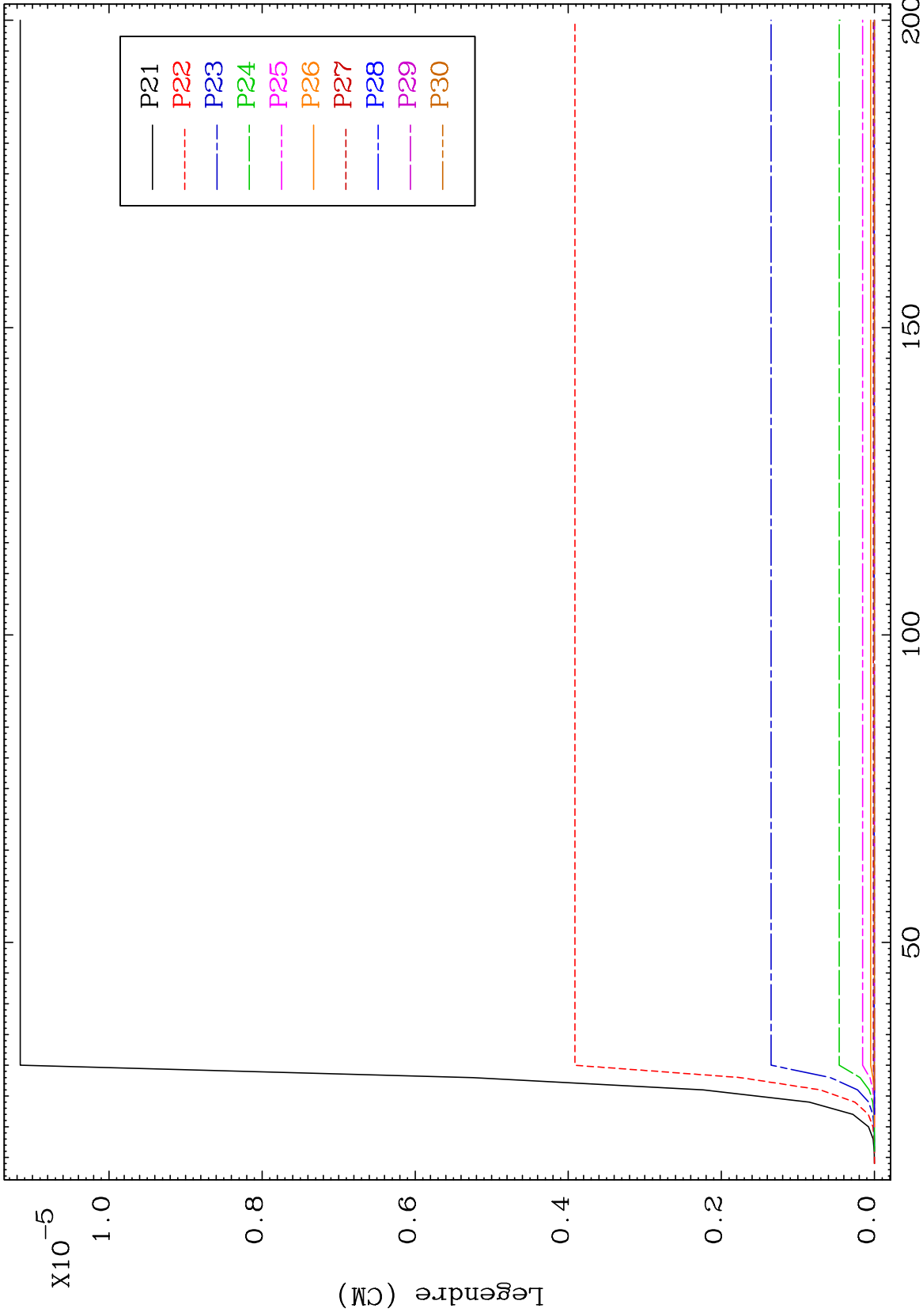
19-K -37



MAT 1919

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

19-K -37



80

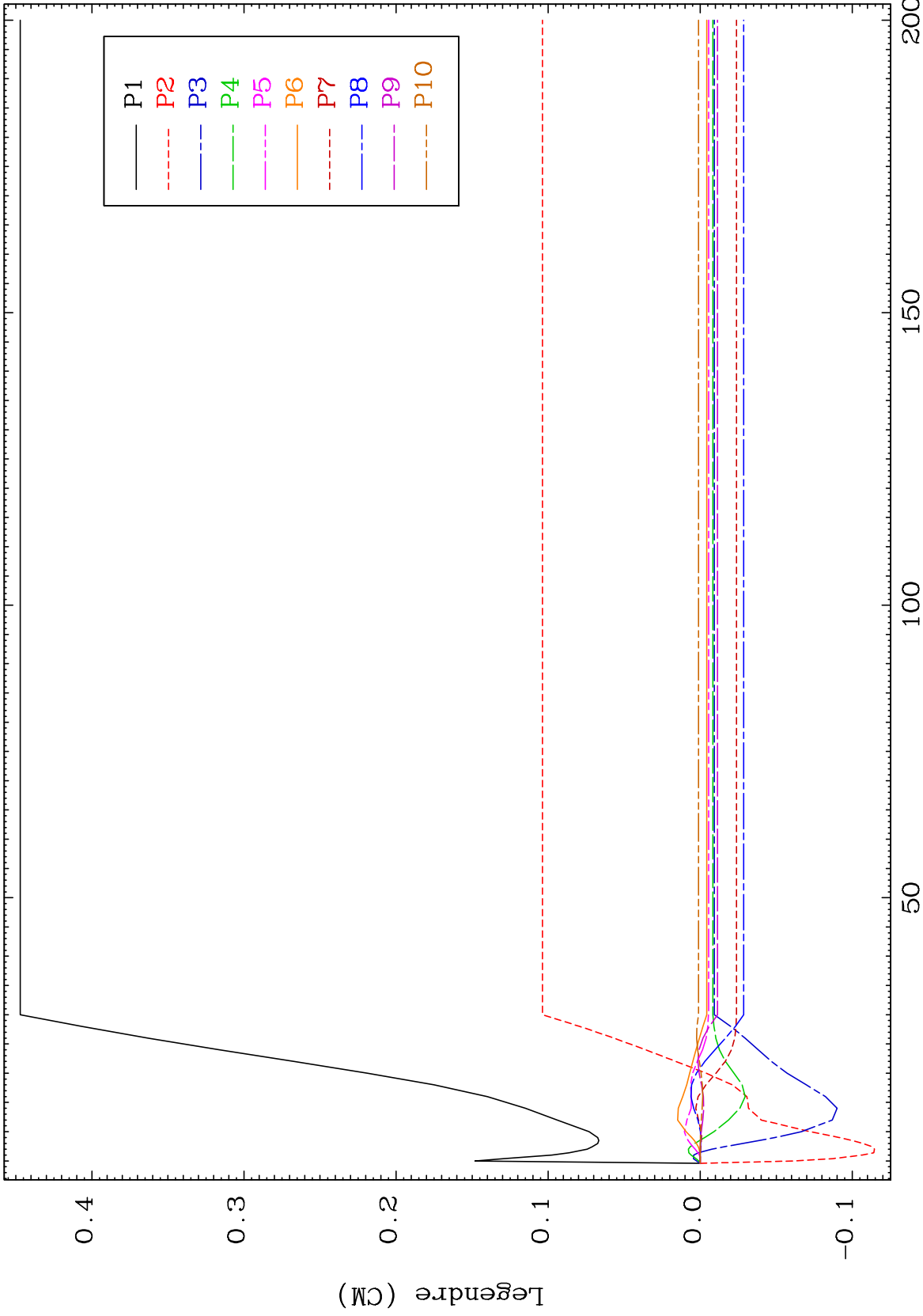
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



81

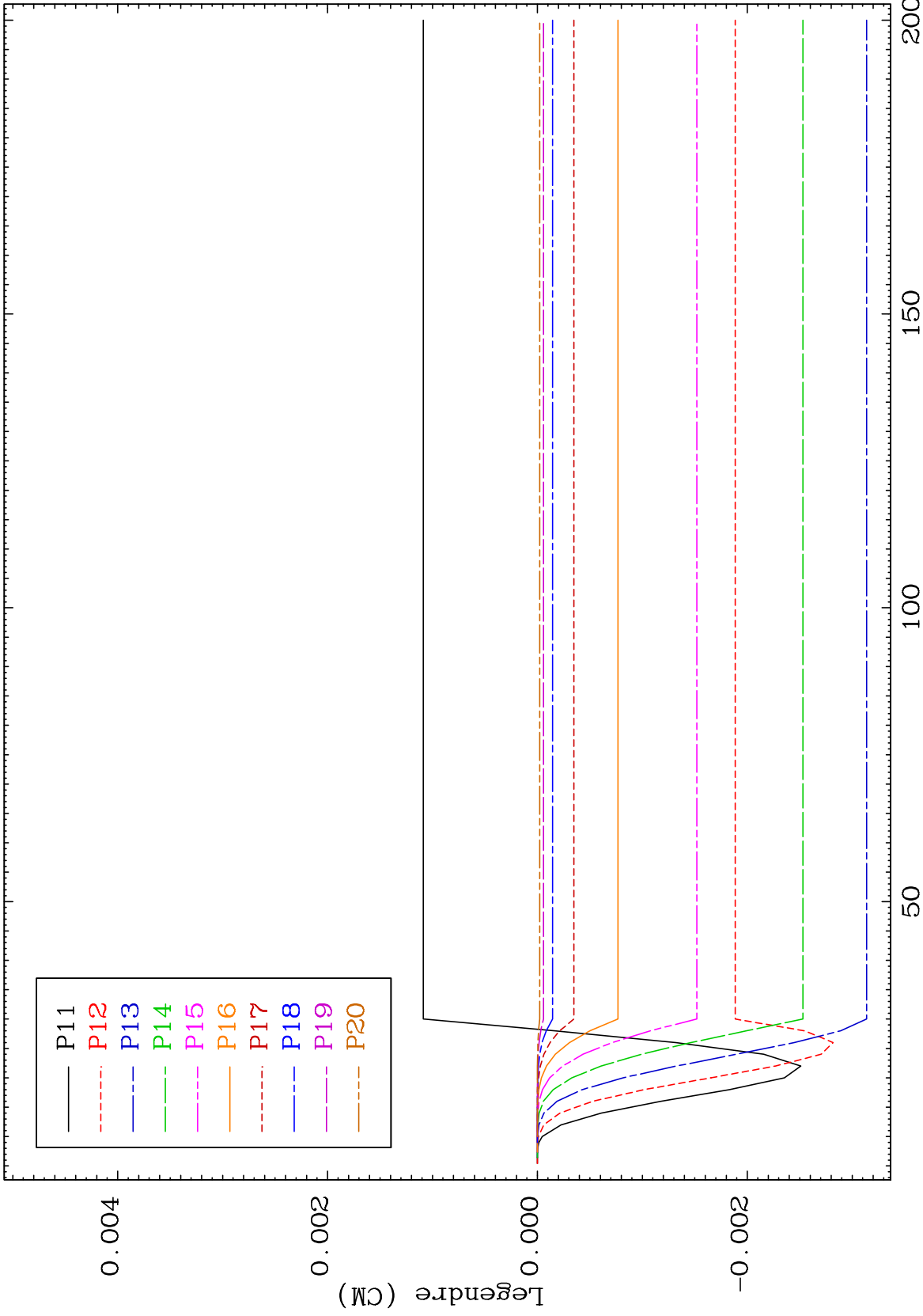
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37

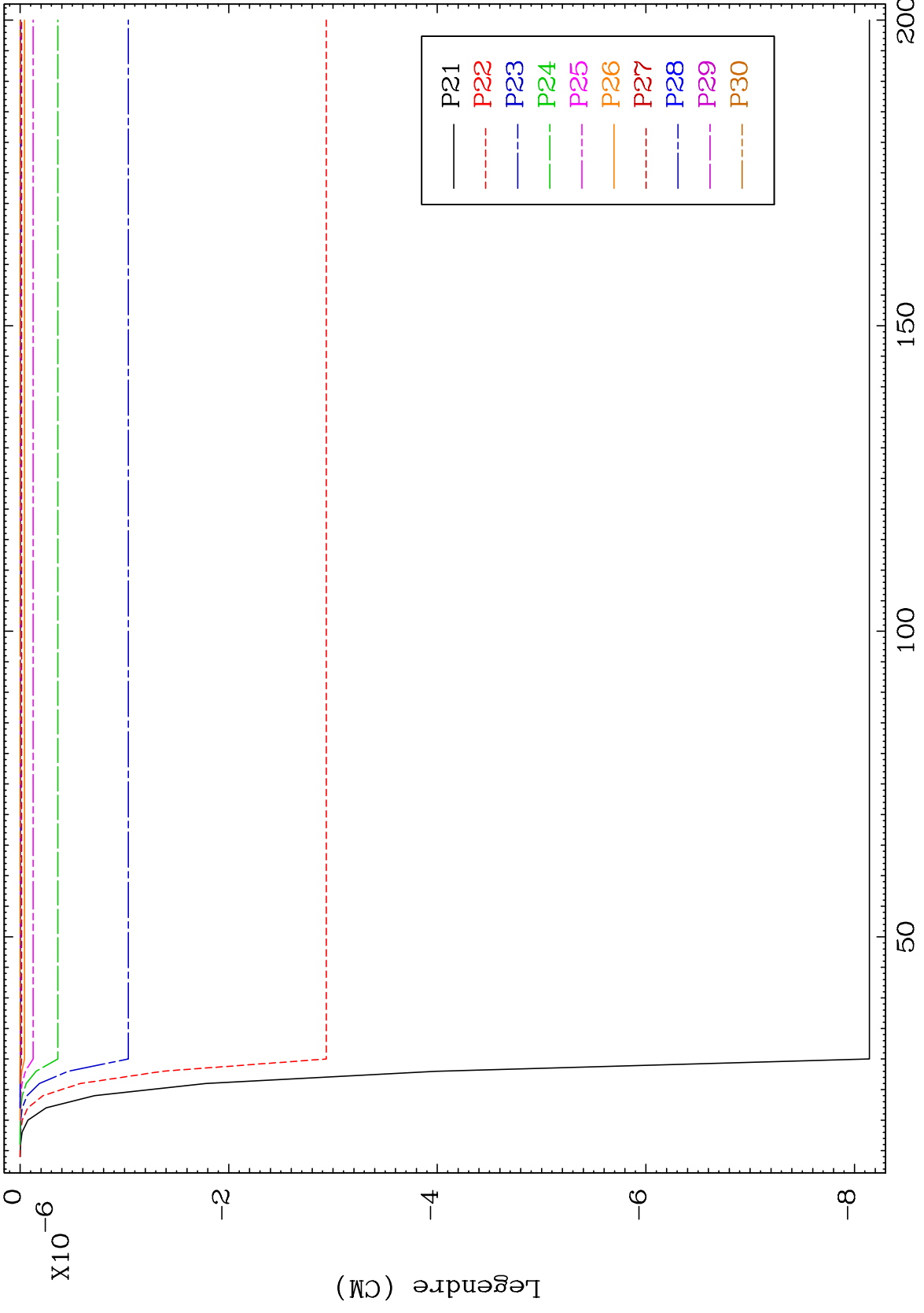


82

Incident Energy (MeV)

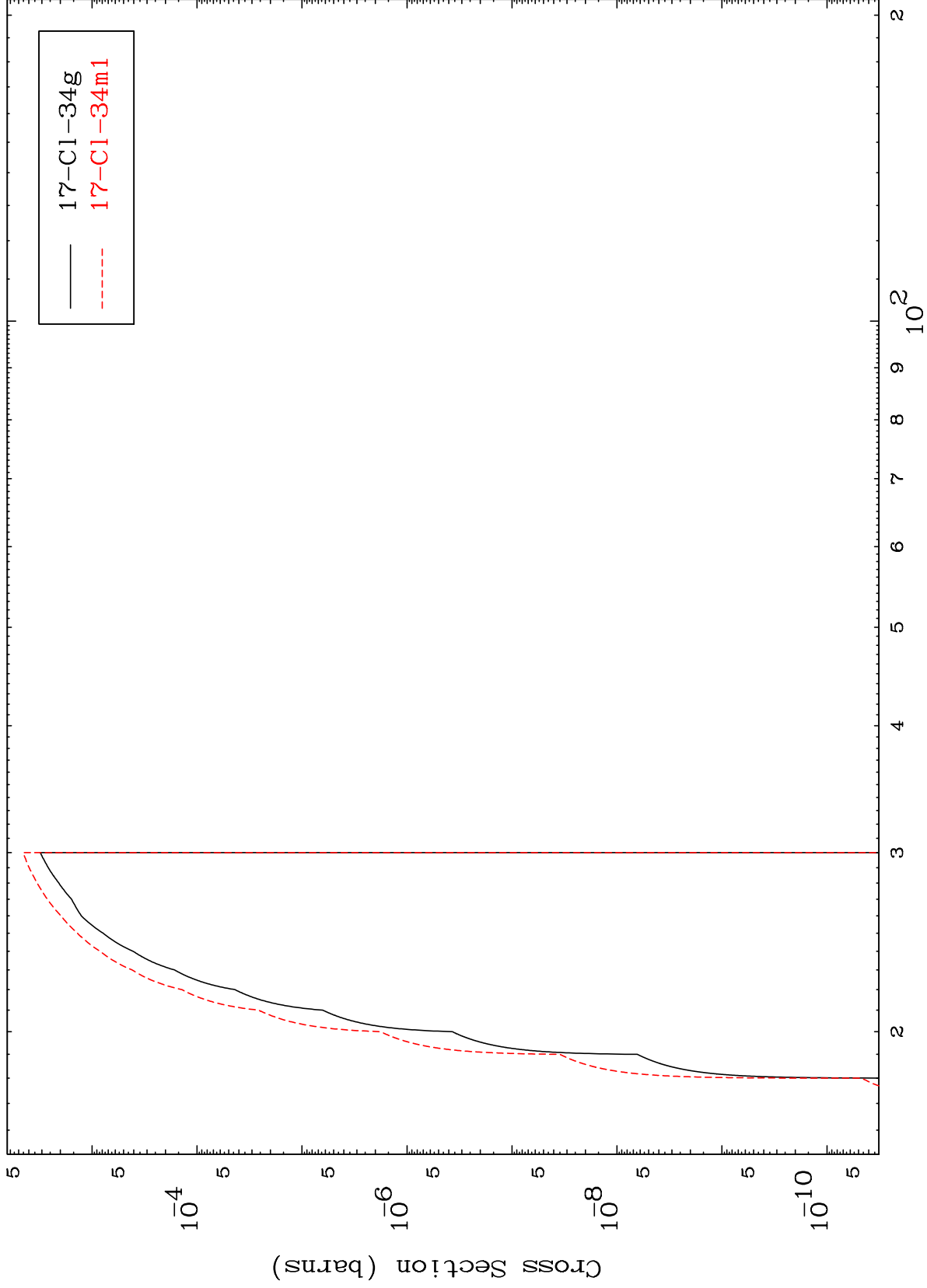
19-K -37

MAT 1919 MT= 72 (n,n') Level Legendre Coefficients 19-K -37



83 19-K -37

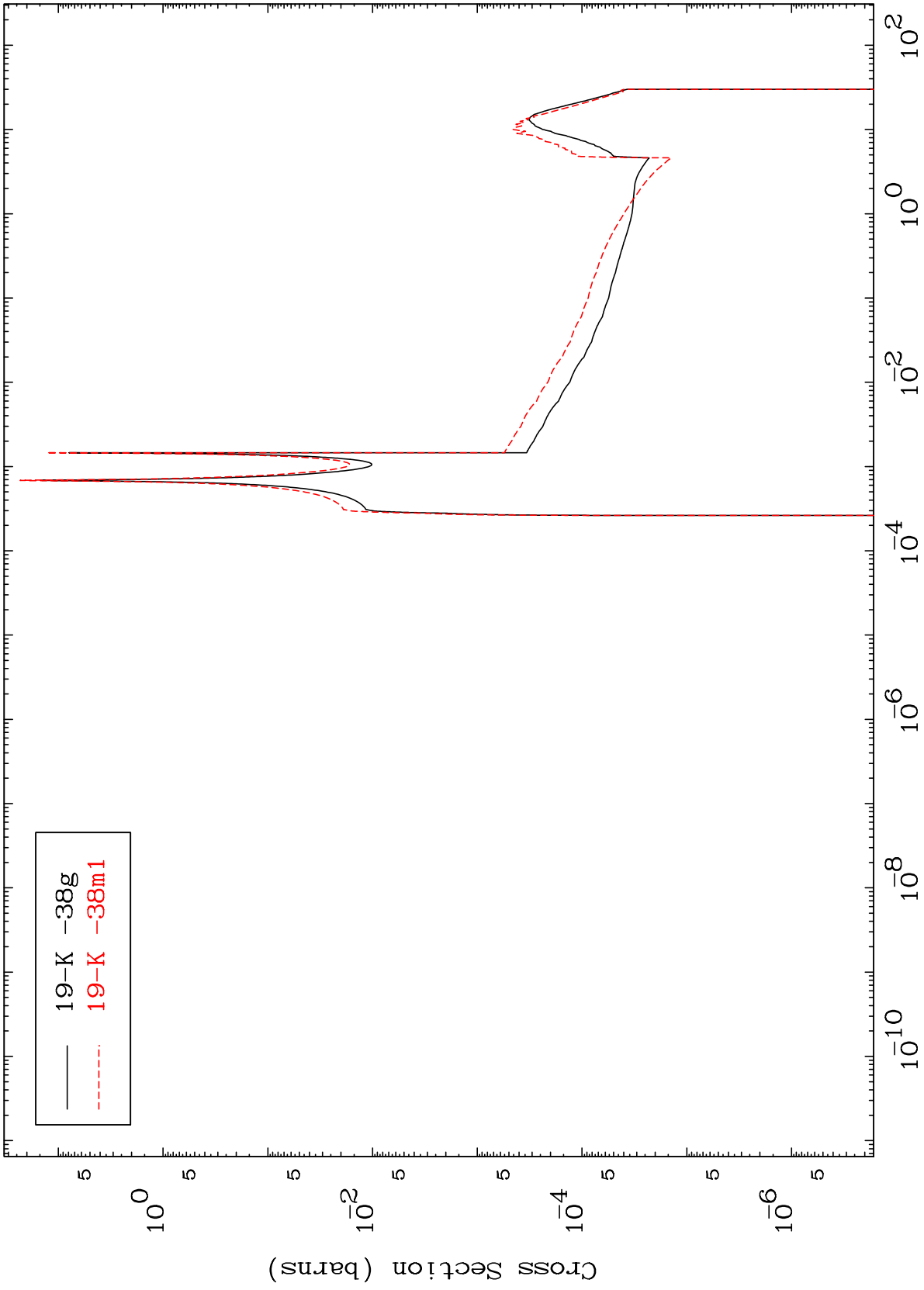
Radionuclide Production Cross Section



MAT 1919

19-K -37

Radionuclide Production Cross Section  
(n,γ)



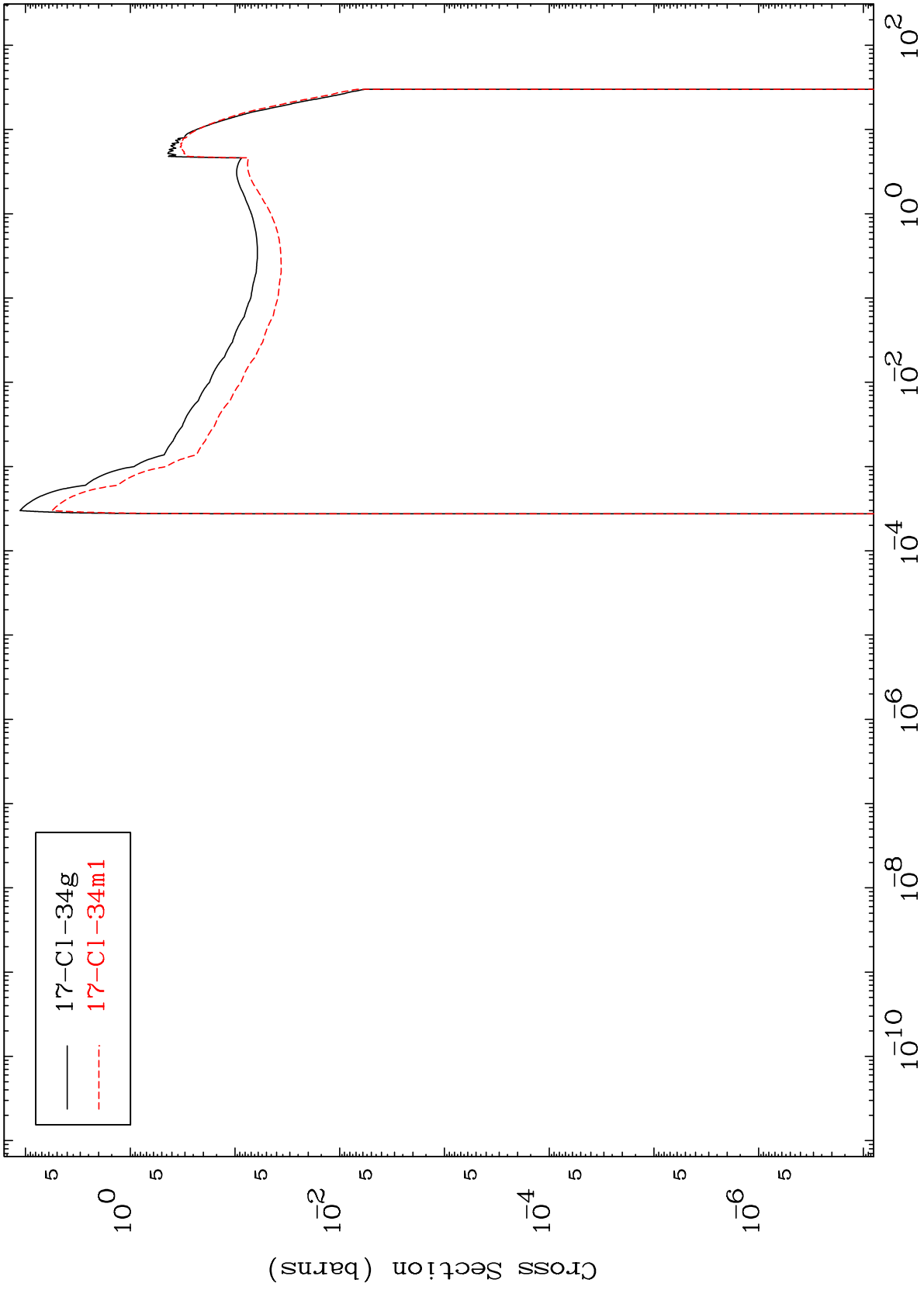
85

19-K -37

MAT 1919

19-K -37

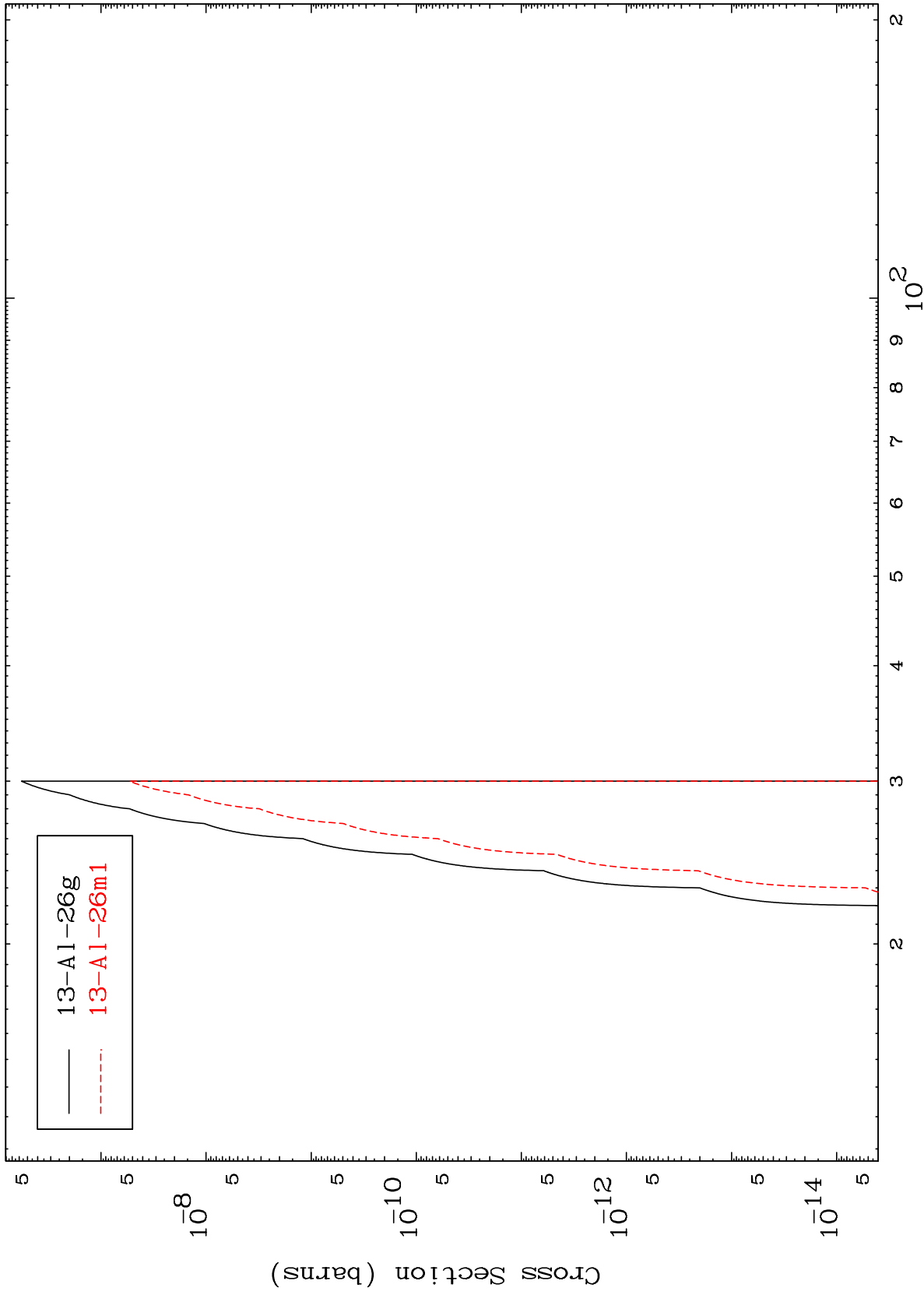
Radionuclide Production Cross Section



MAT 1919

19-K -37

Radionuclide Production Cross Section



87

19-K -37



