

Program EVALPLOT  
(Version 2018-1)

by

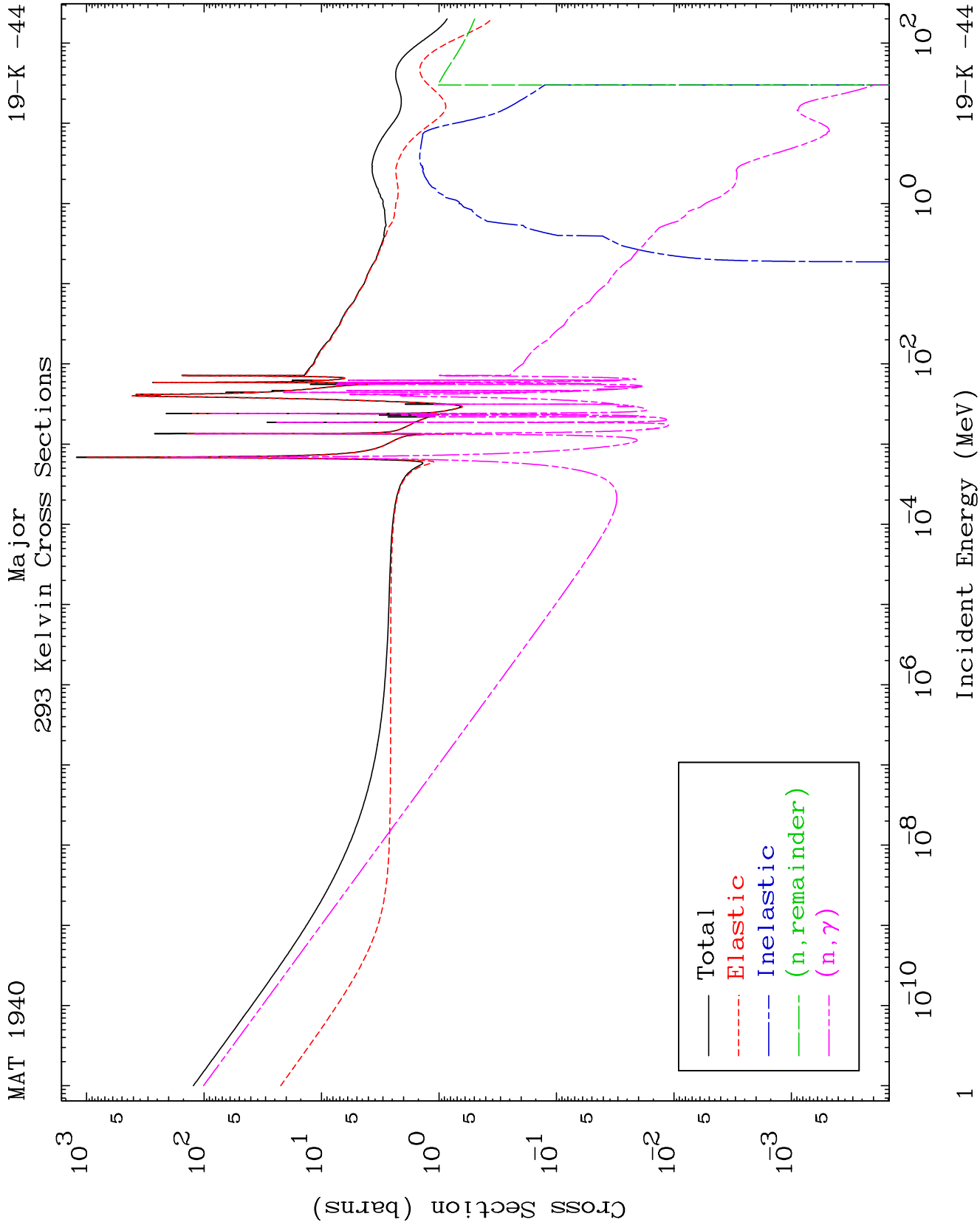
Dermott E. Cullen  
(Present Contact Information)

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

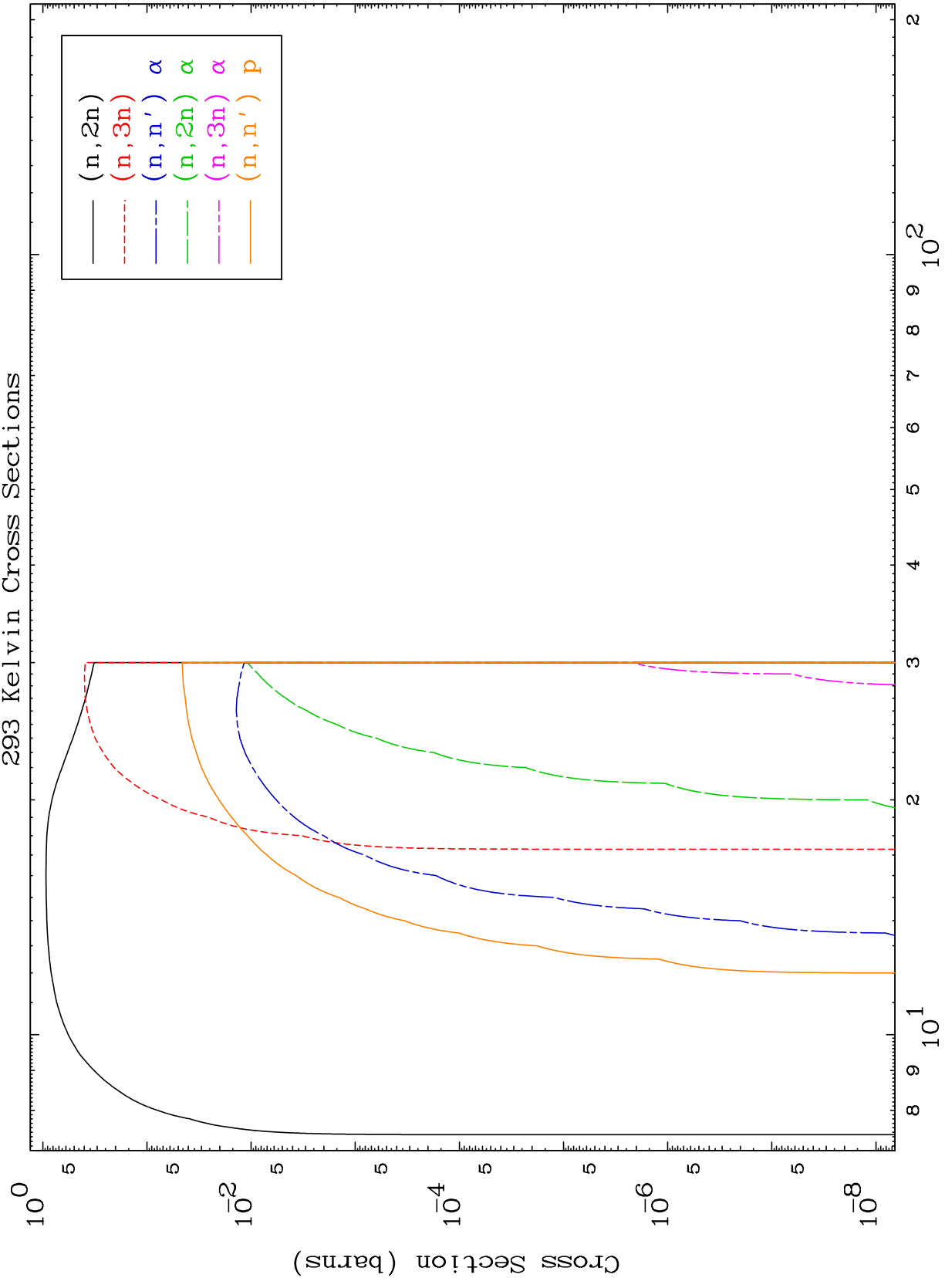
Press Mouse Button to Start



MAT 1940

Neutron Production  
293 Kelvin Cross Sections

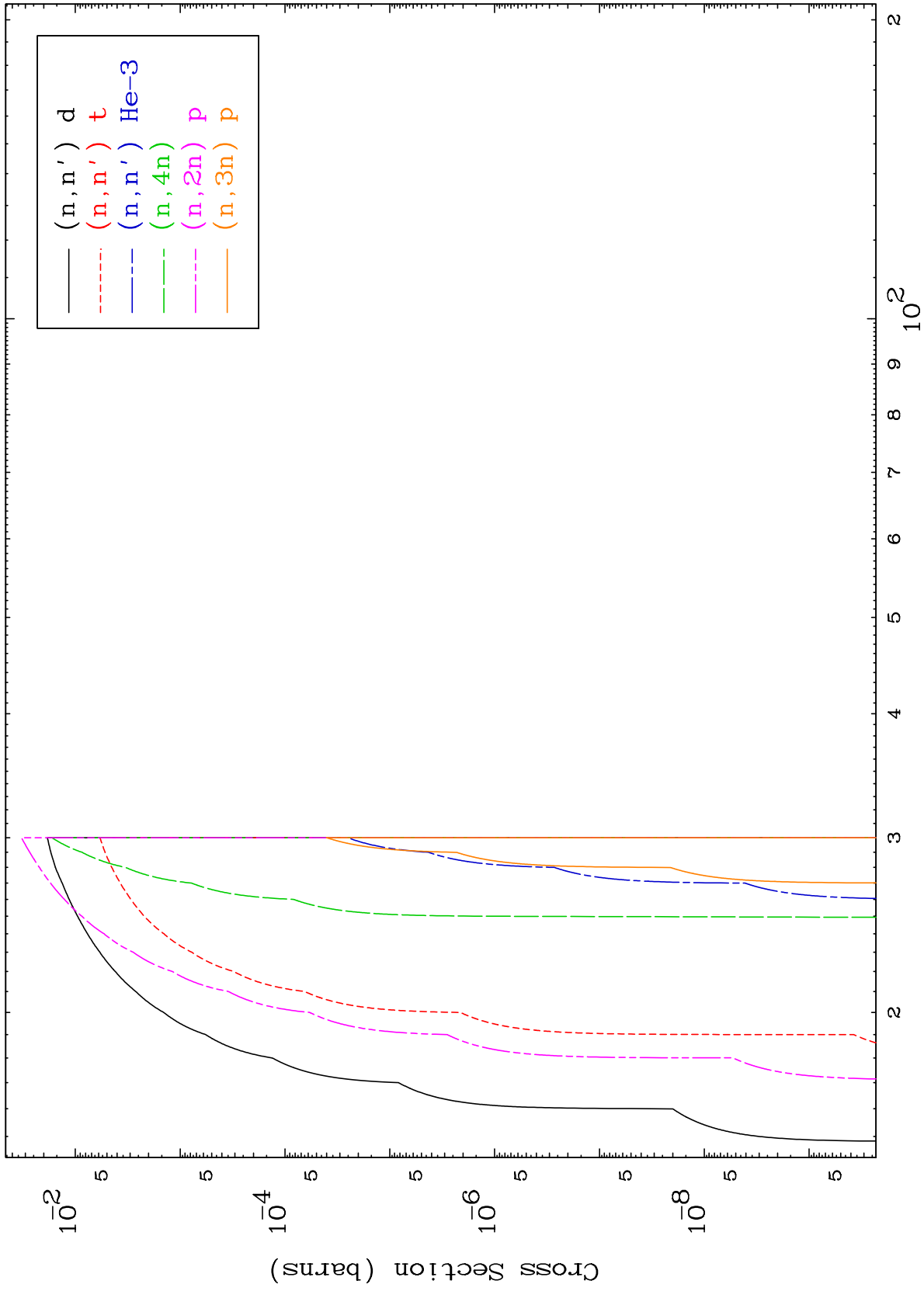
19-K -44

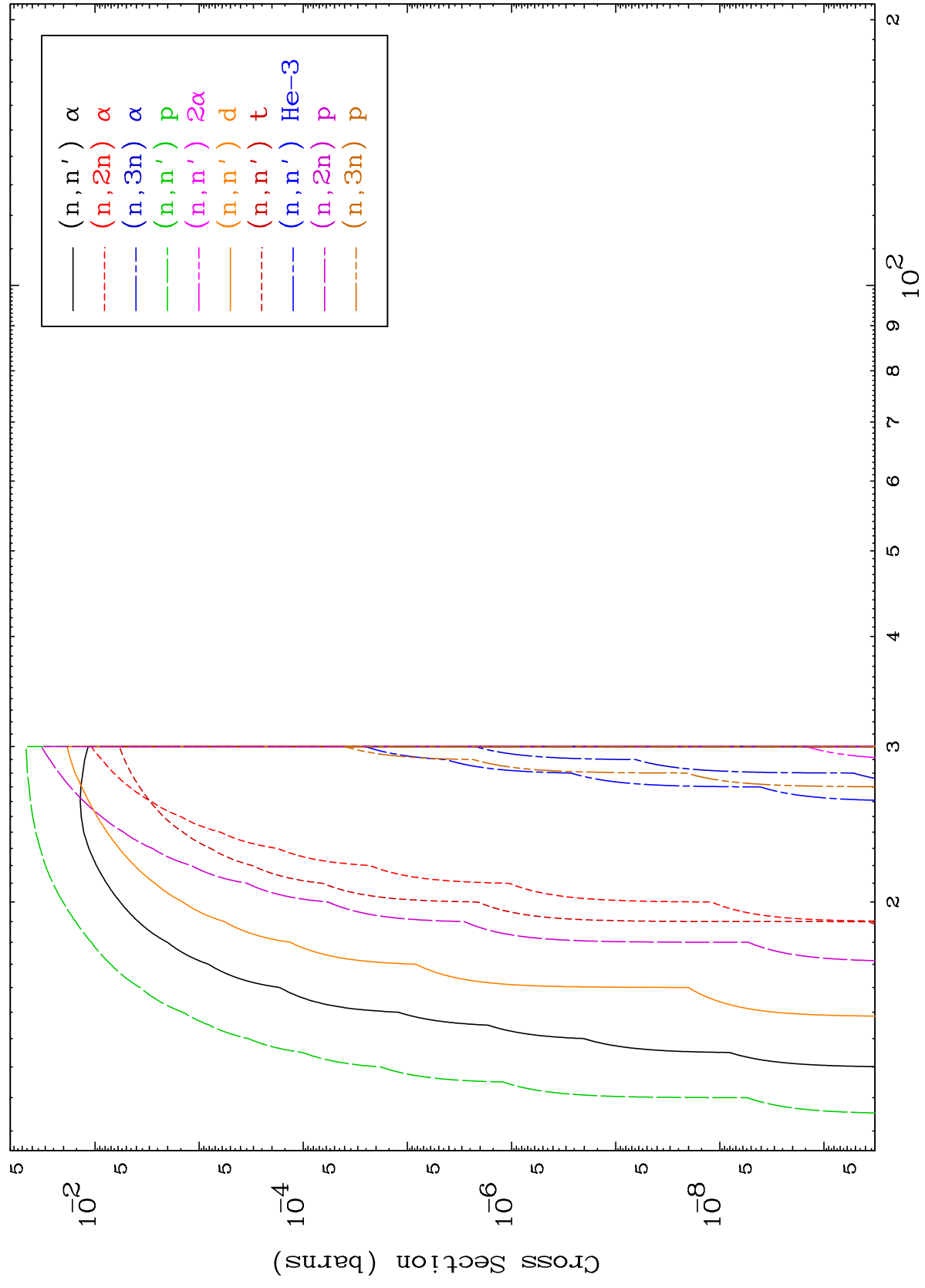


2

Incident Energy (MeV)

19-K -44

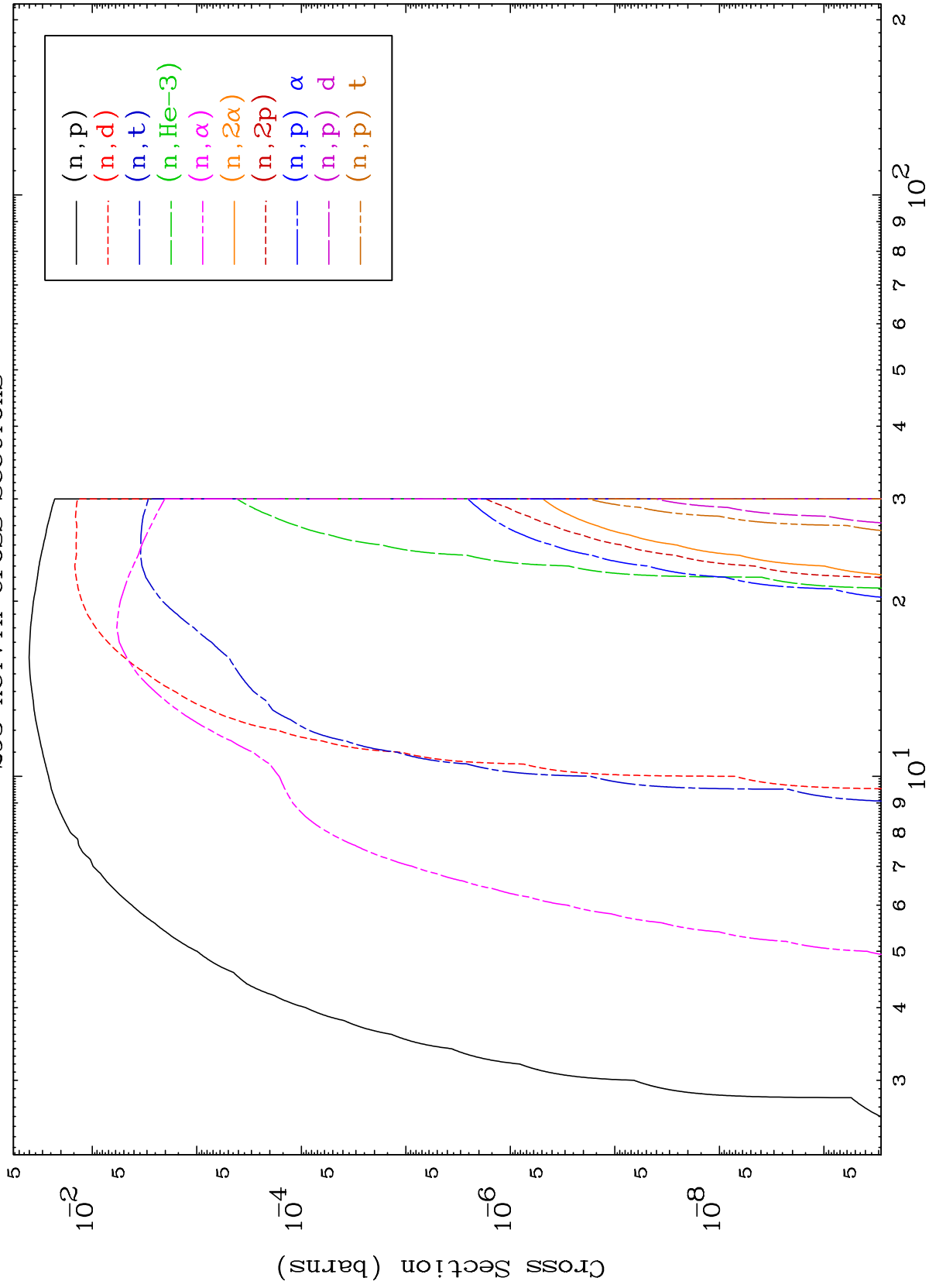




MAT 1940

Charged Particle  
293 Kelvin Cross Sections

19-K -44



5

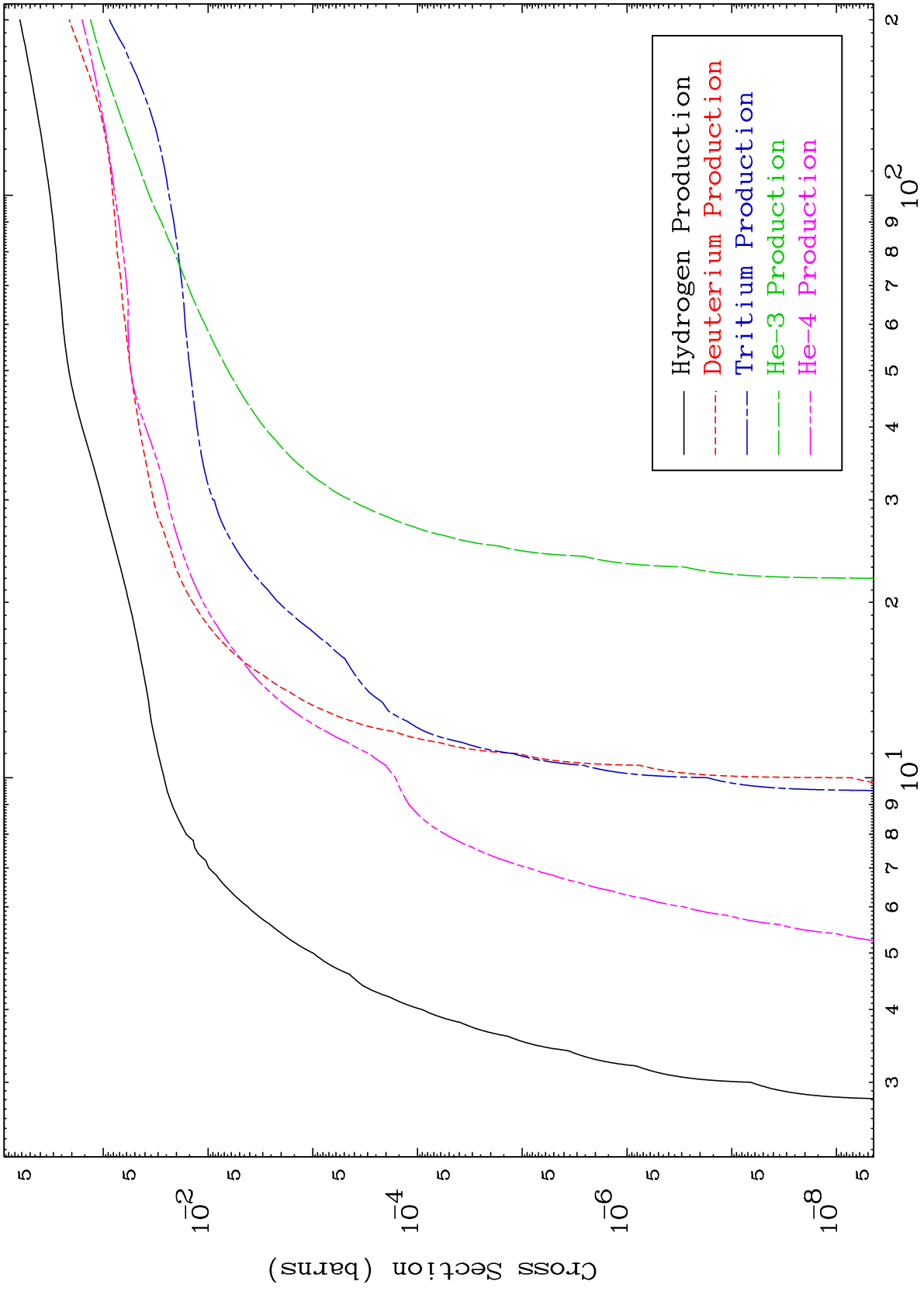
Incident Energy (MeV)

19-K -44

MAT 1940

Particle Production  
293 Kelvin Cross Sections

19-K -44



6

Incident Energy (MeV)

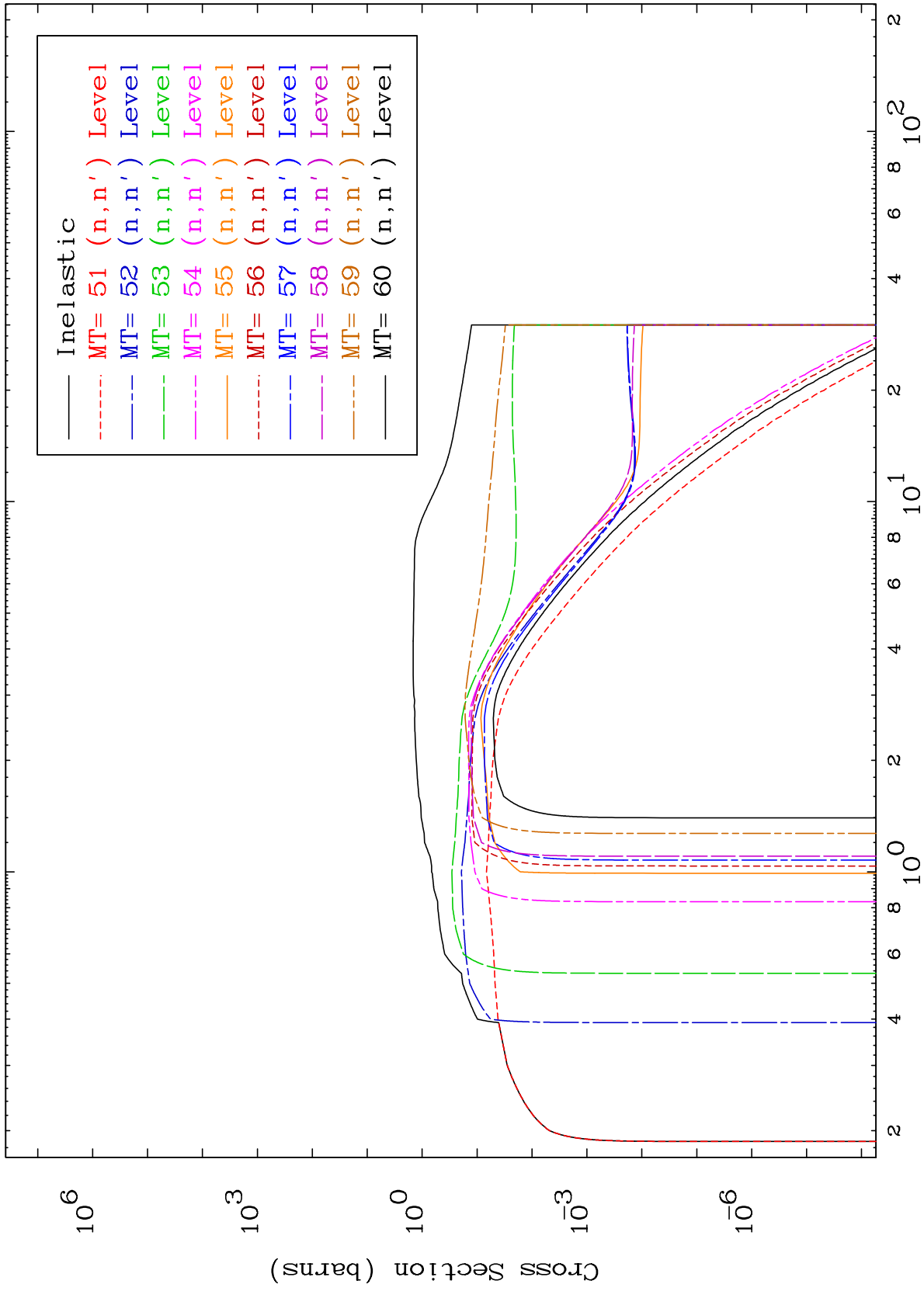
19-K -44

MAT 1940

(n,n') Level

19-K -44

293 Kelvin Cross Sections



7

Incident Energy (MeV)

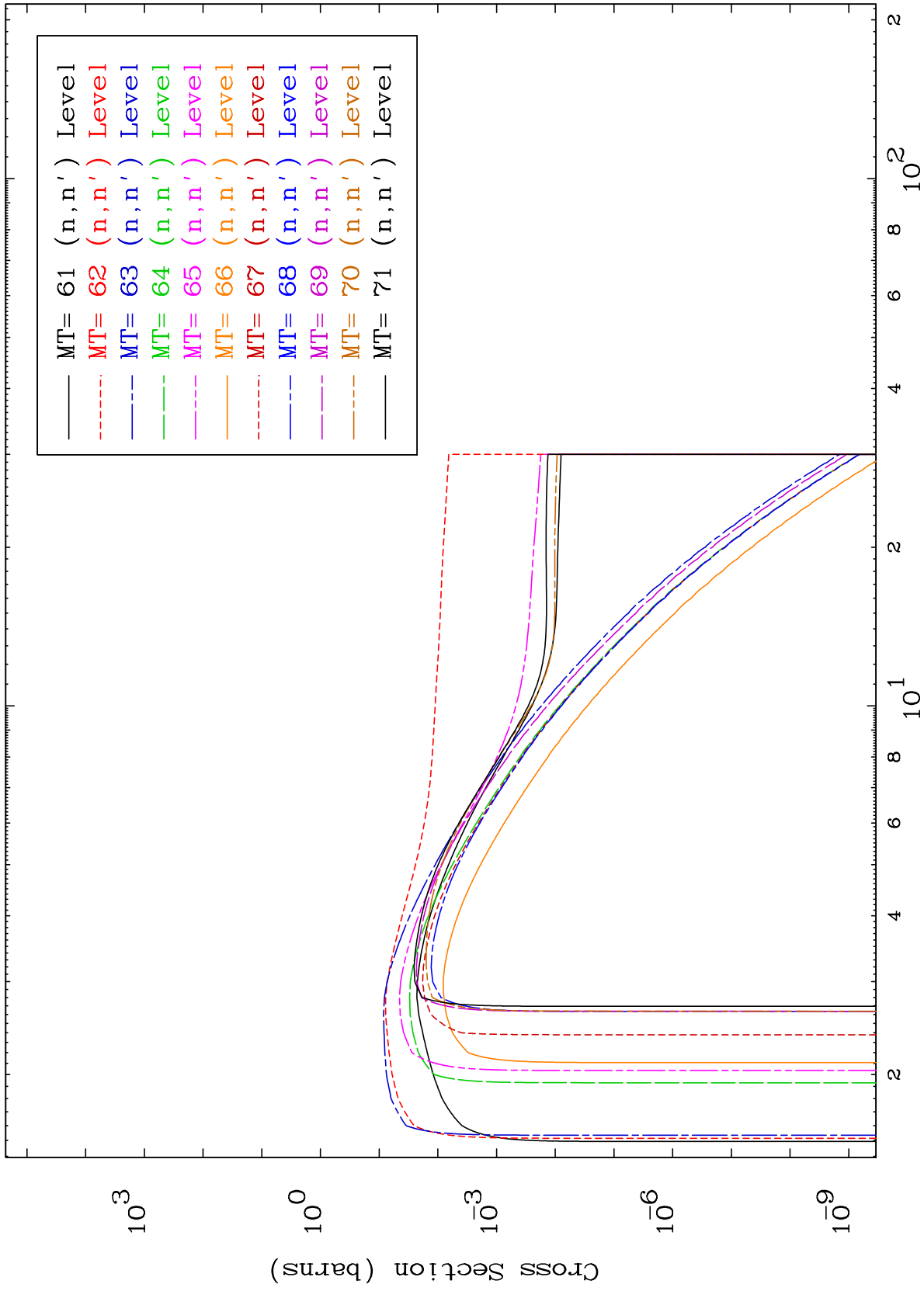
19-K -44



MAT 1940

(n,n') Level  
293 Kelvin Cross Sections

19-K -44

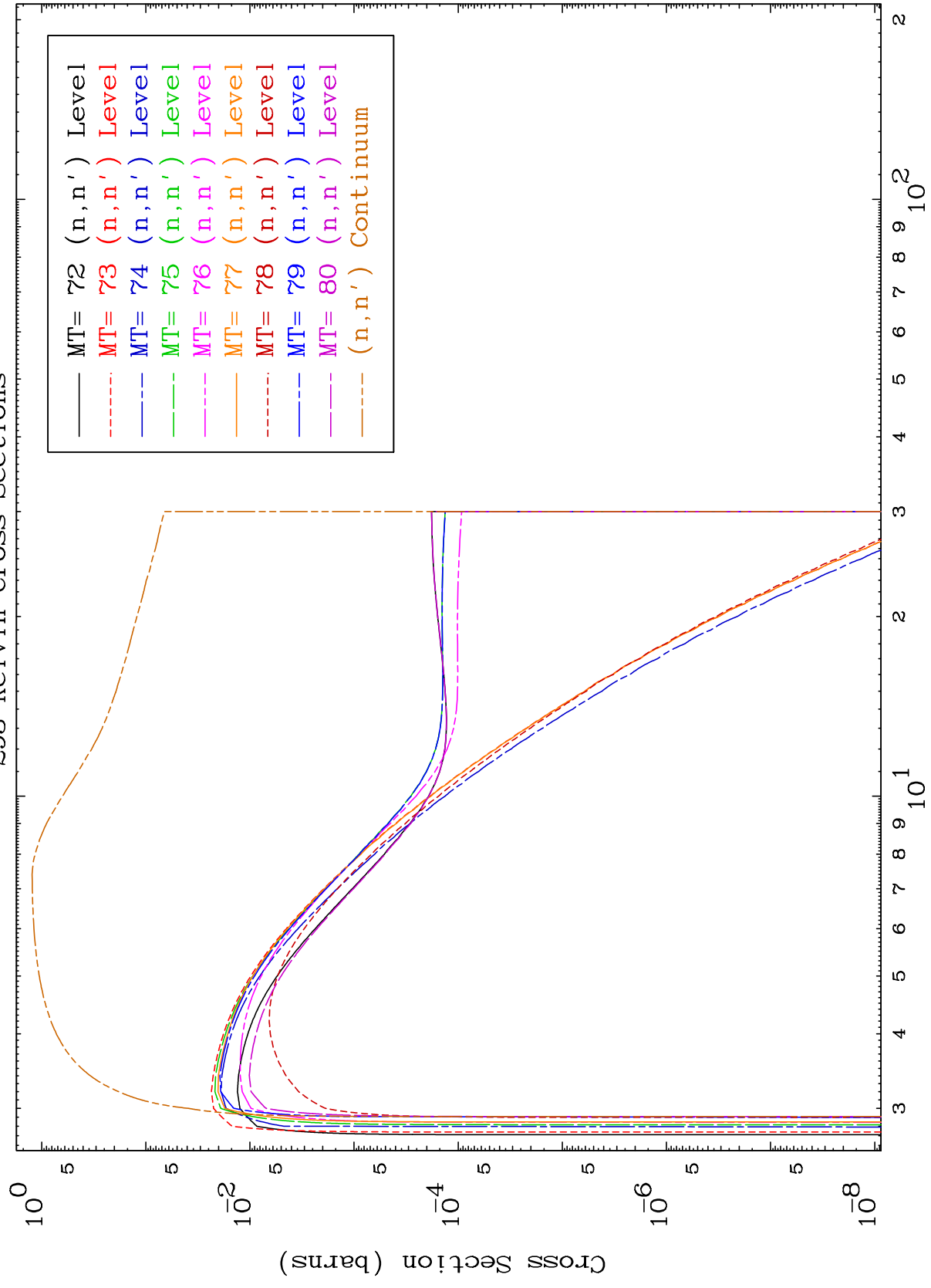


8

Incident Energy (MeV)

19-K -44

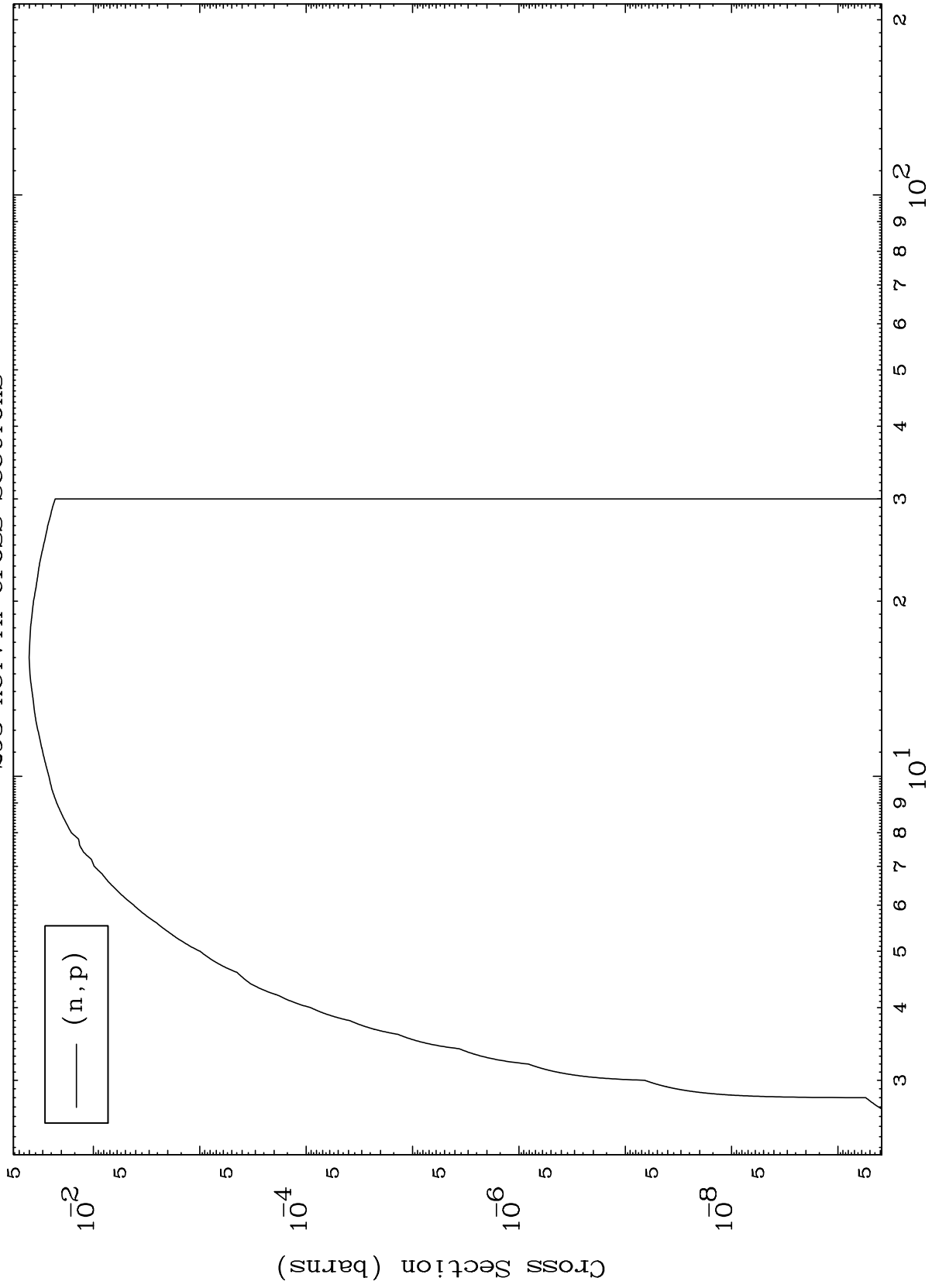
293 Kelvin Cross Sections



MAT 1940

(n,p) Levels  
293 Kelvin Cross Sections

19-K -44



10

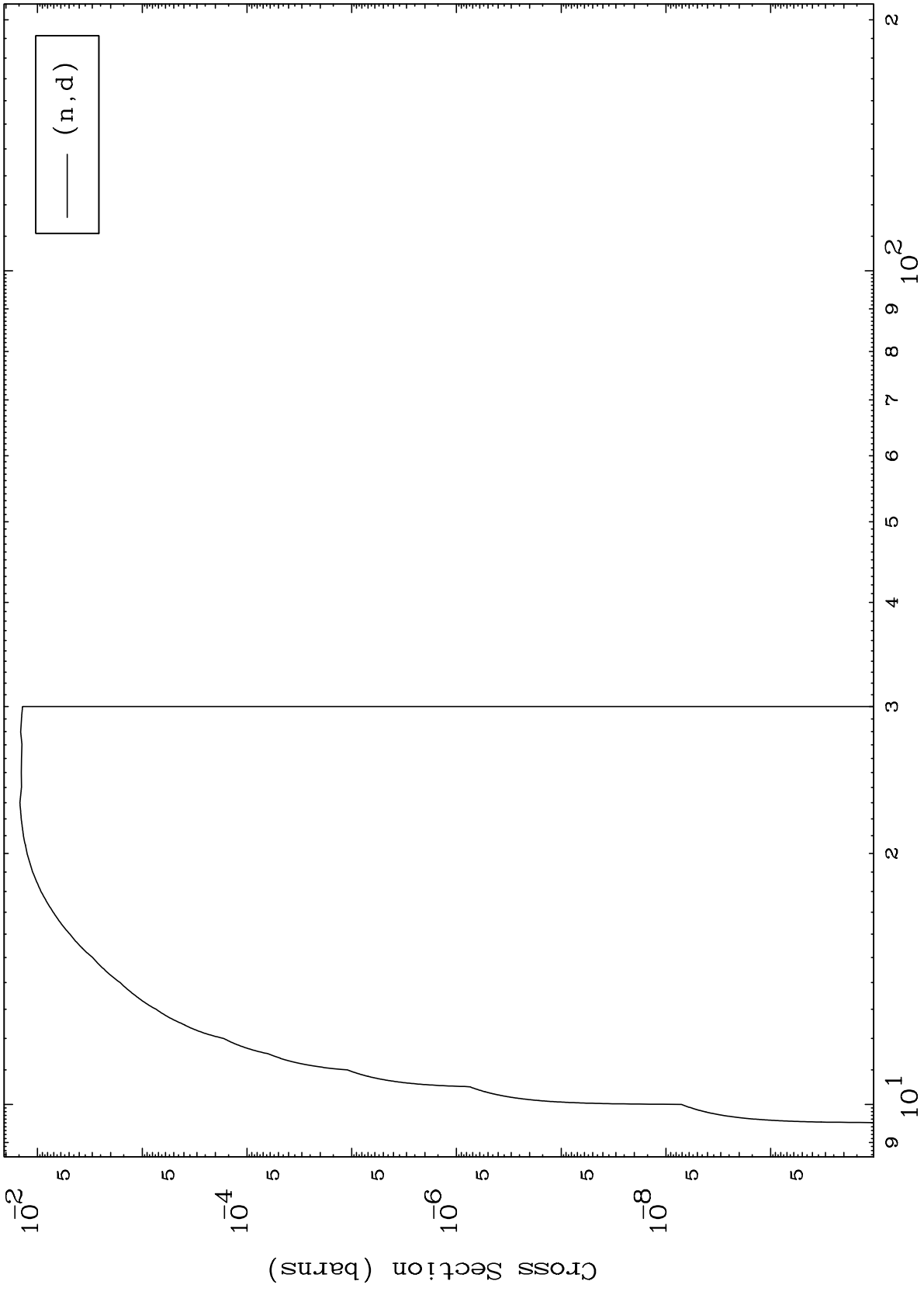
Incident Energy (MeV)

19-K -44

MAT 1940

(n,d) Levels  
293 Kelvin Cross Sections

19-K -44



11

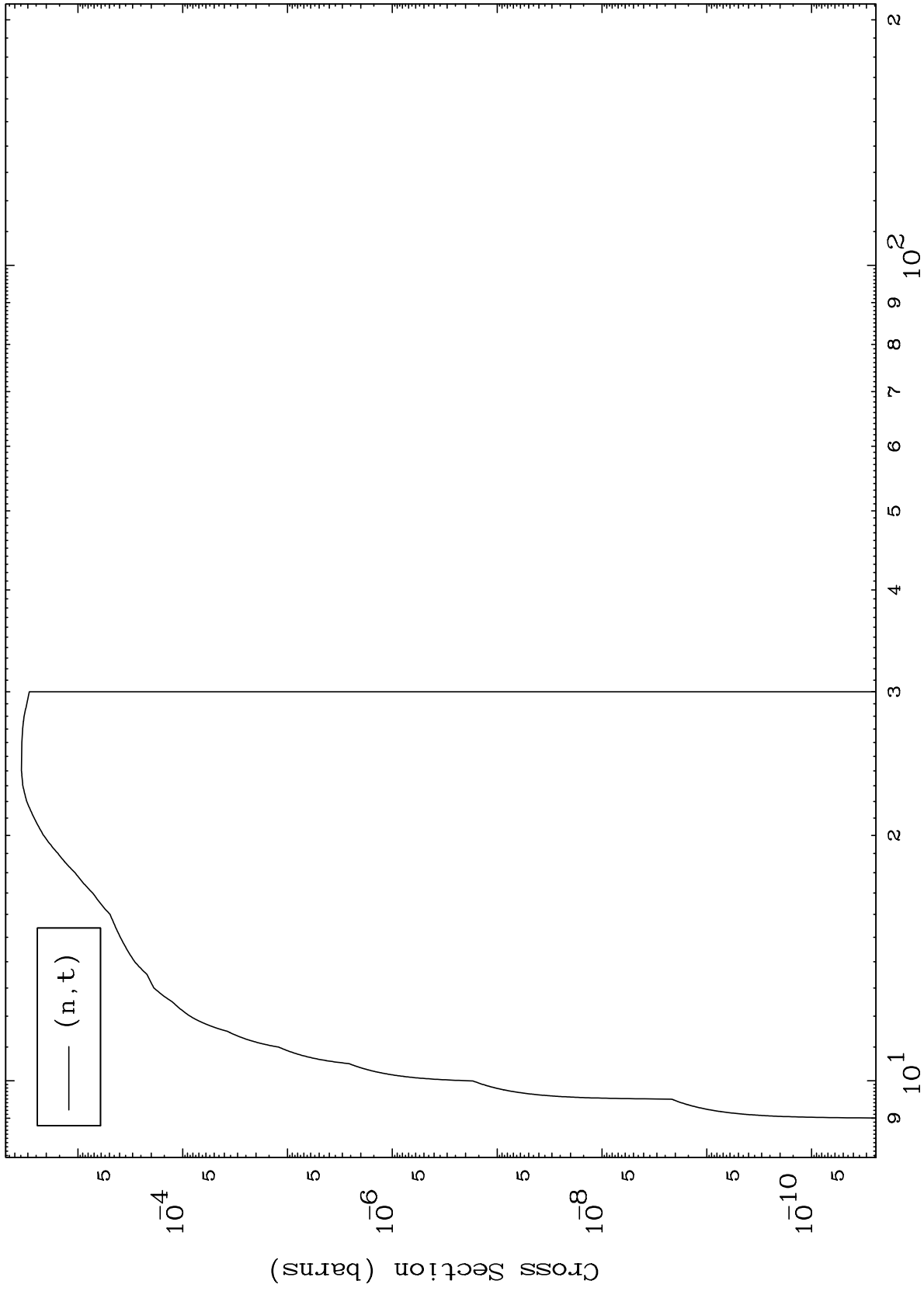
Incident Energy (MeV)

19-K -44

MAT 1940

(n,t) Levels  
293 Kelvin Cross Sections

19-K -44



12

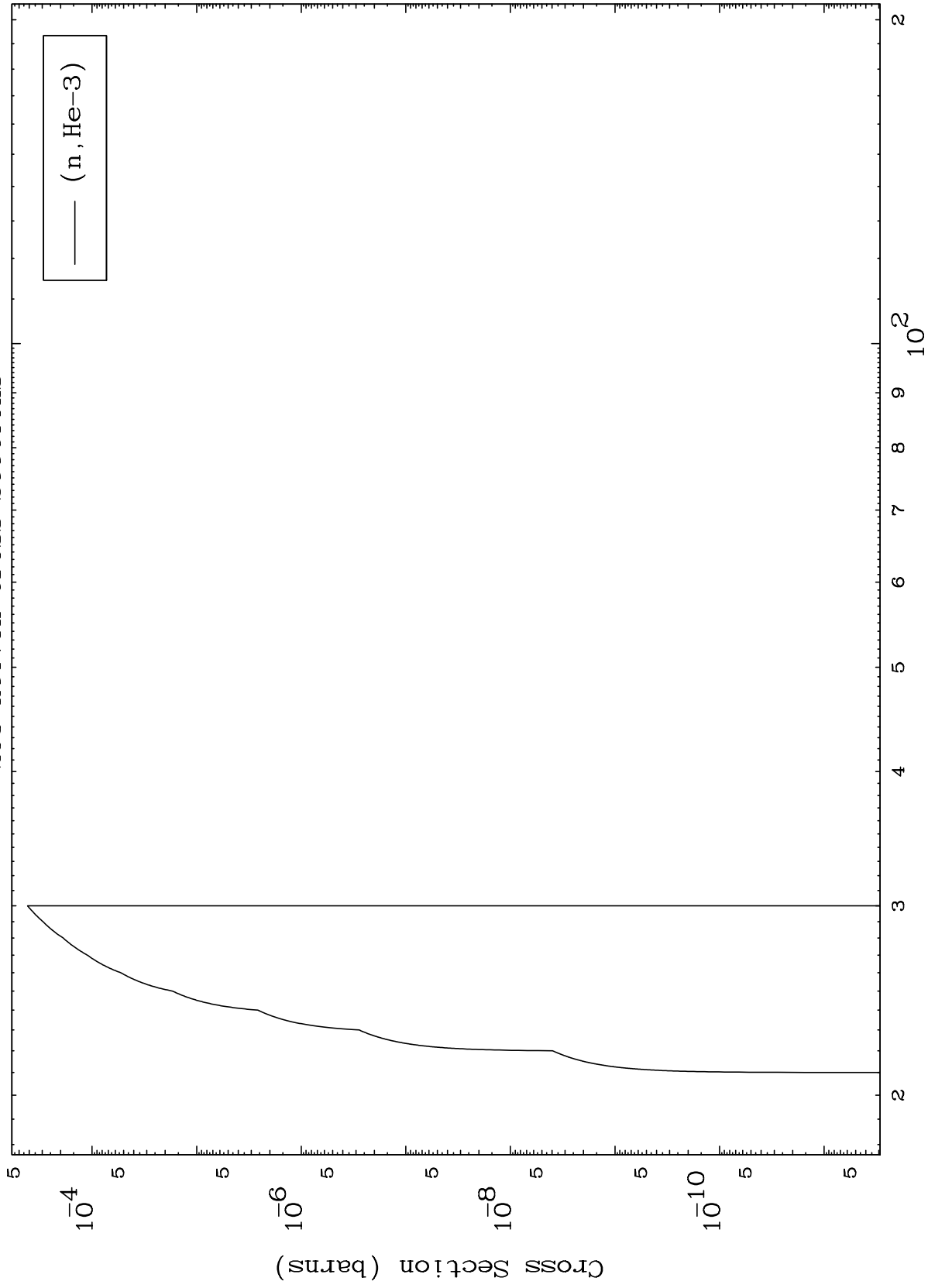
Incident Energy (MeV)

19-K -44

MAT 1940

(n,He3) Levels  
293 Kelvin Cross Sections

19-K -44



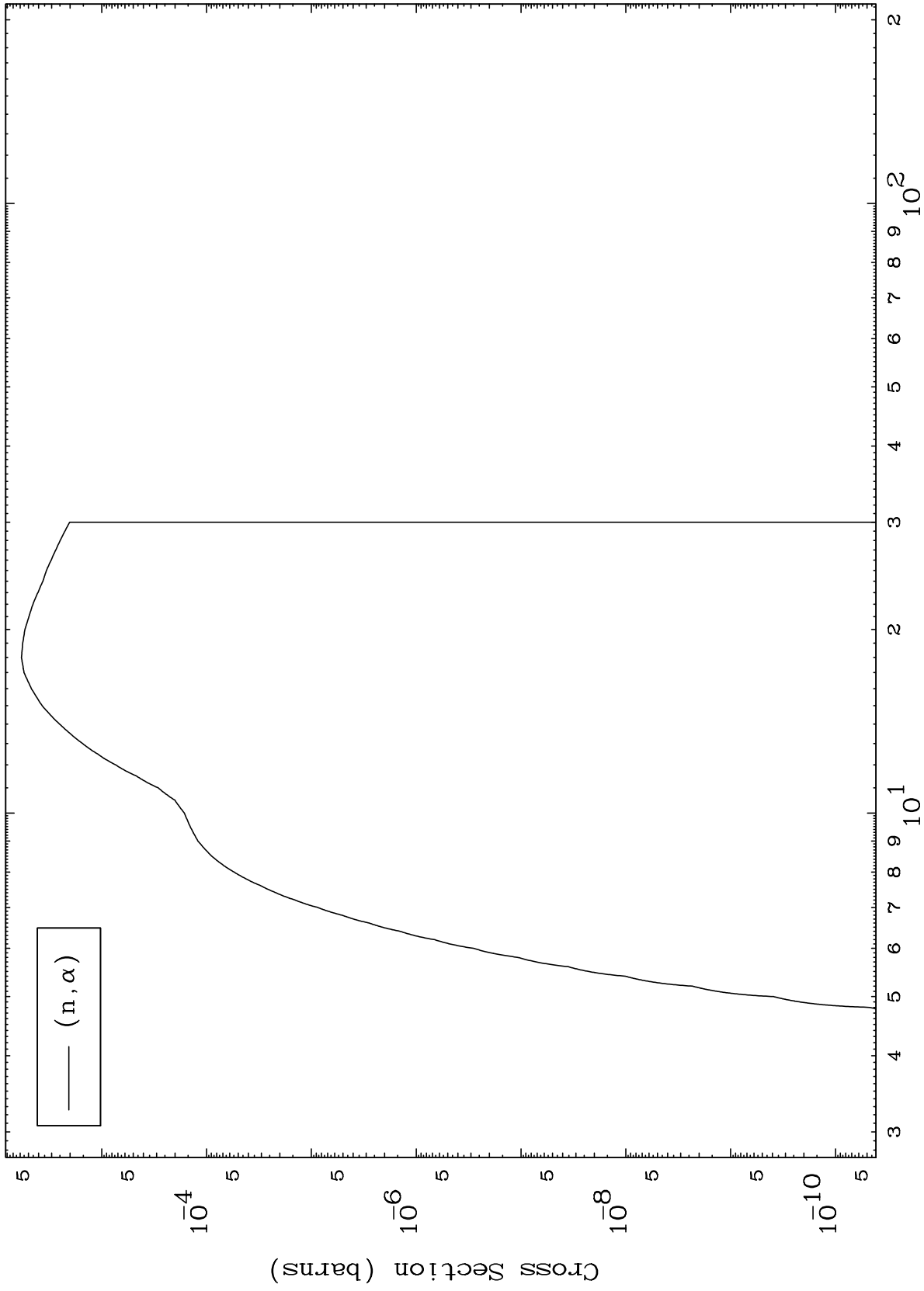
13

19-K -44

MAT 1940

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

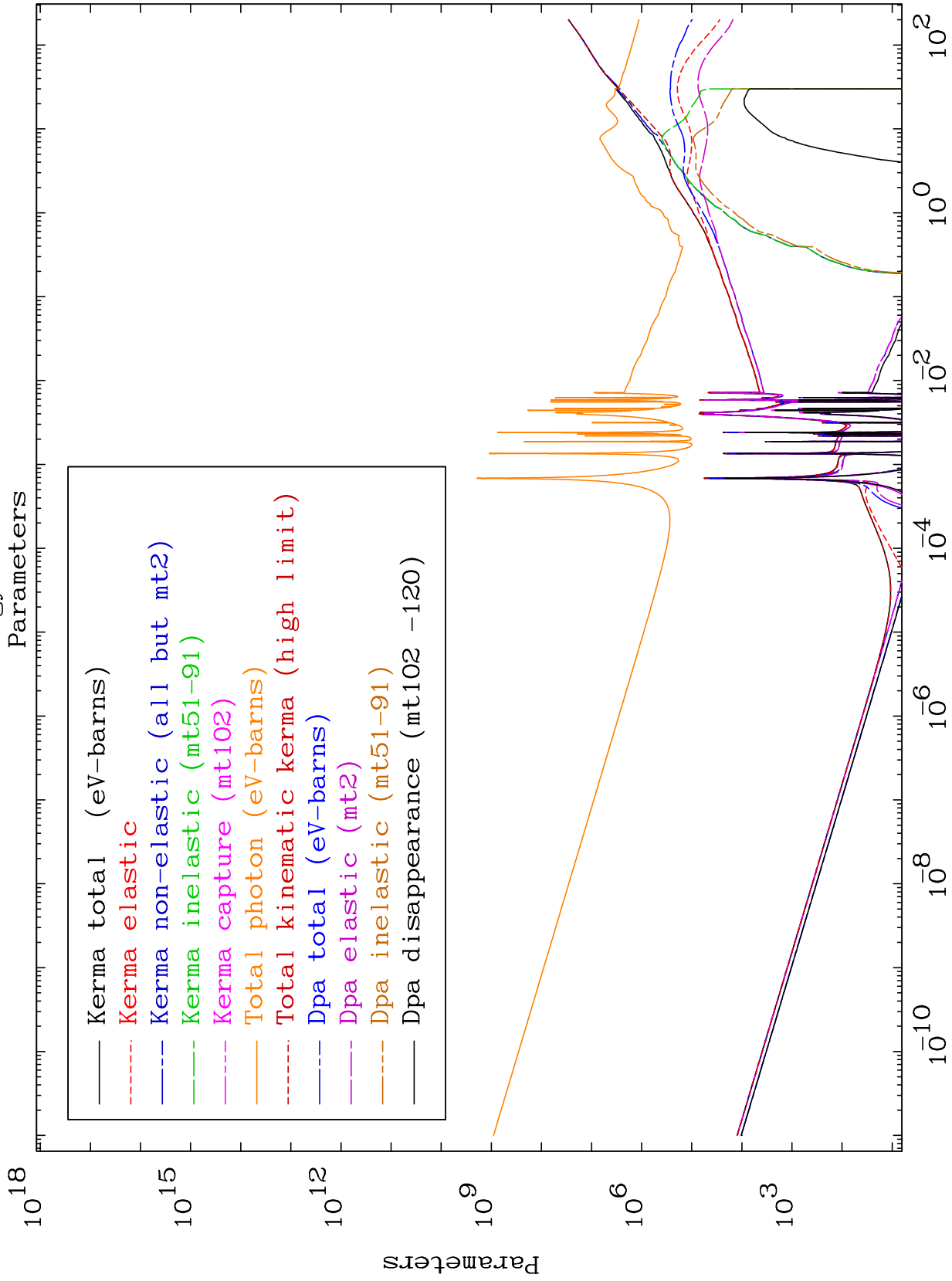
19-K -44



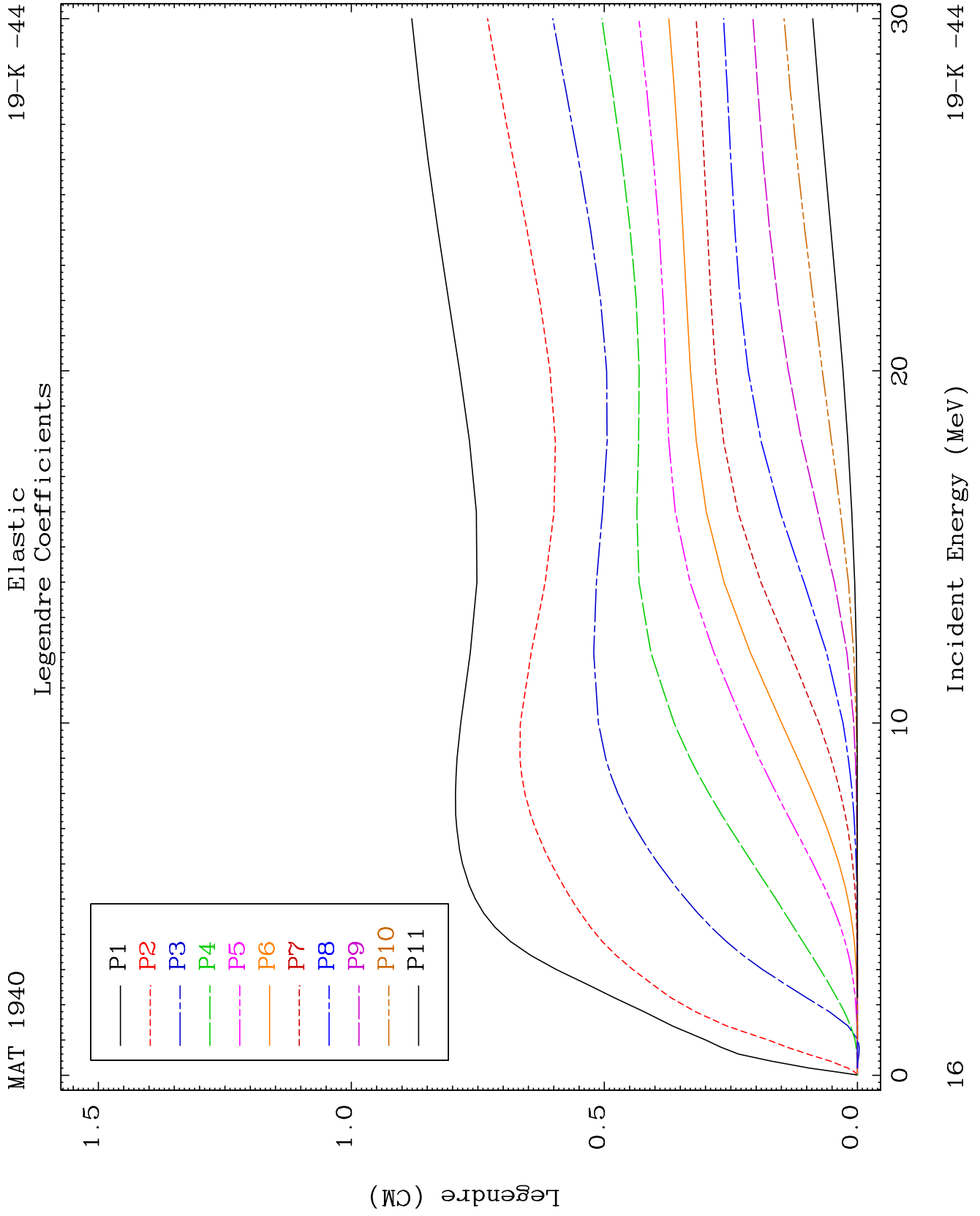
14

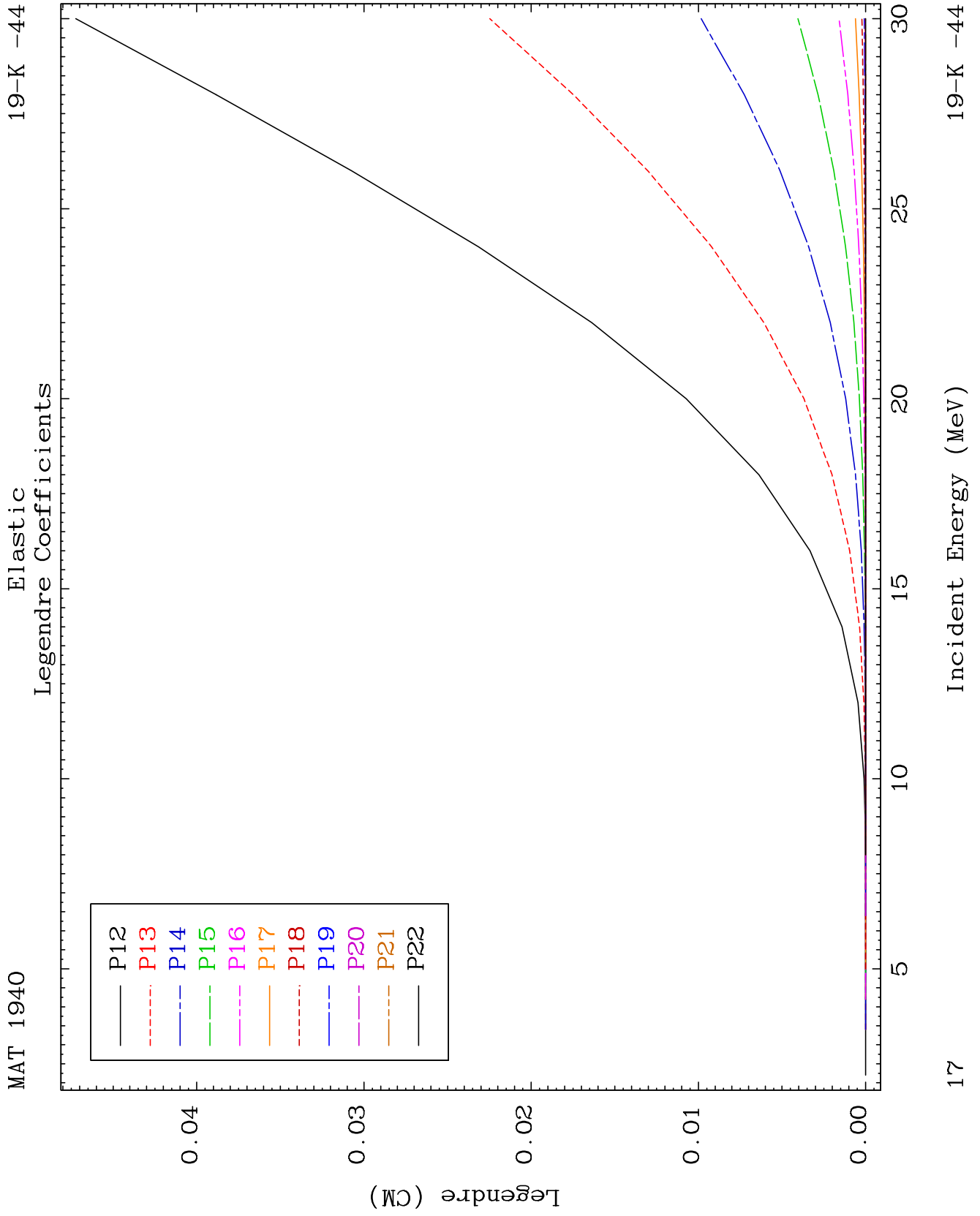
Incident Energy (MeV)

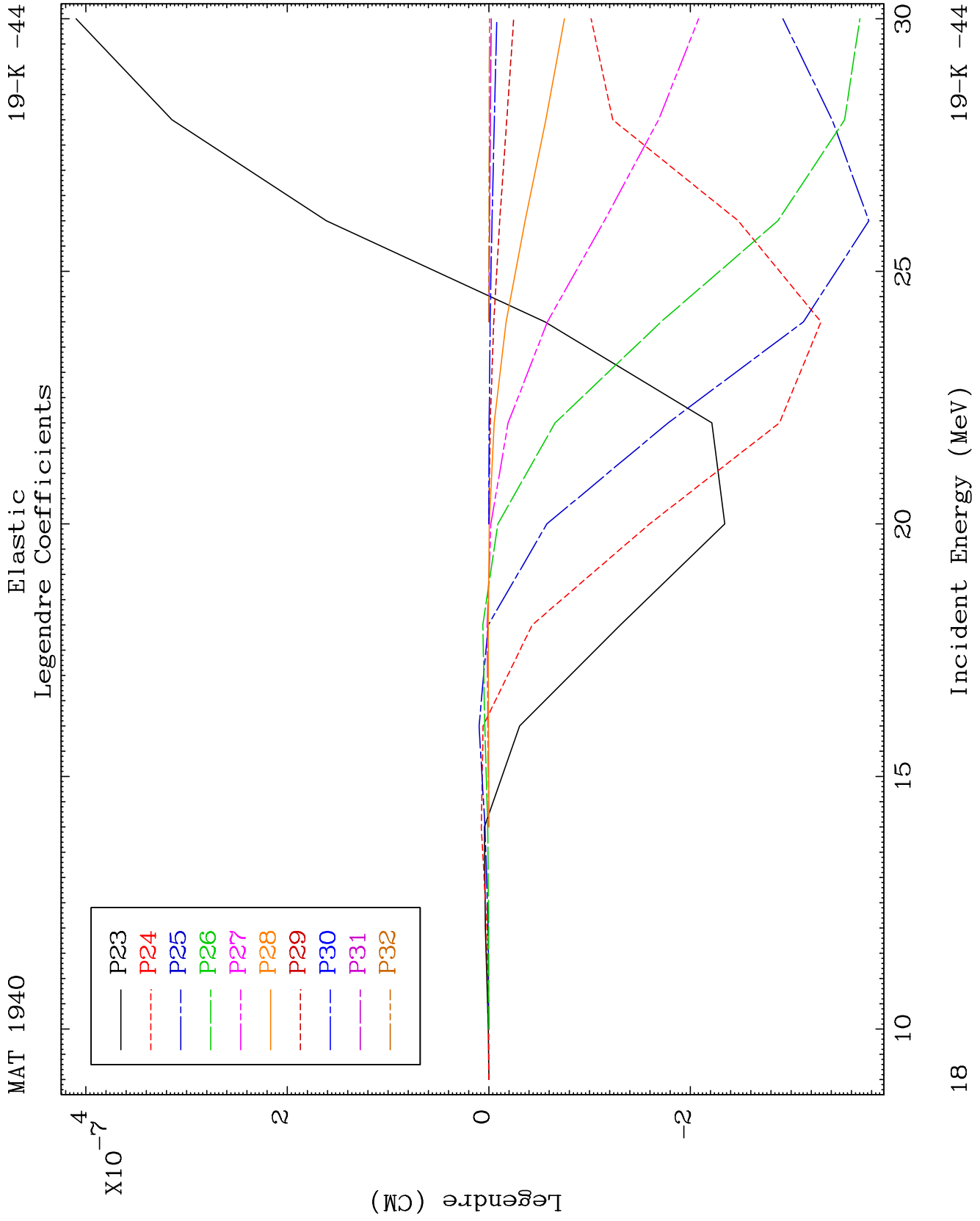
19-K -44

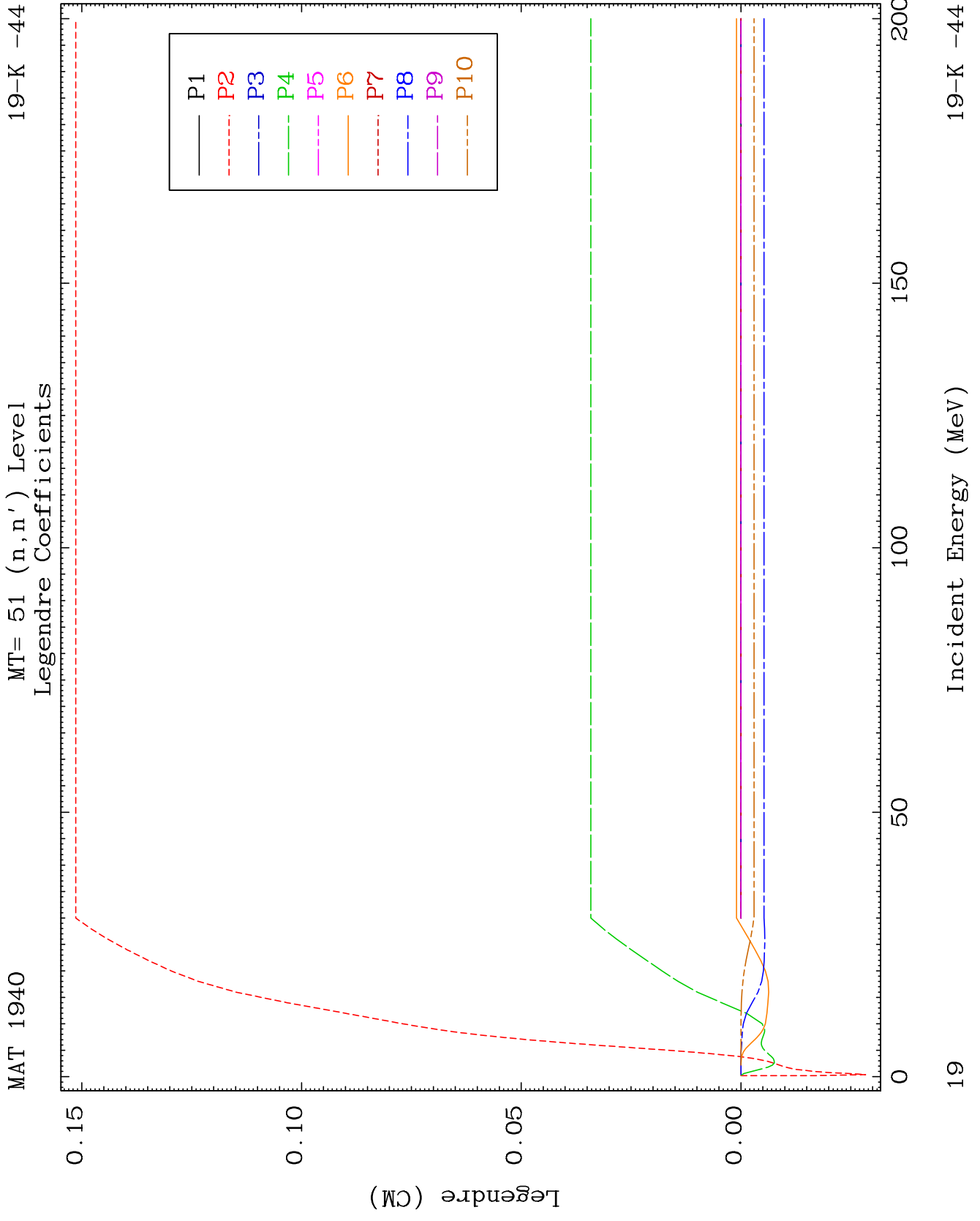




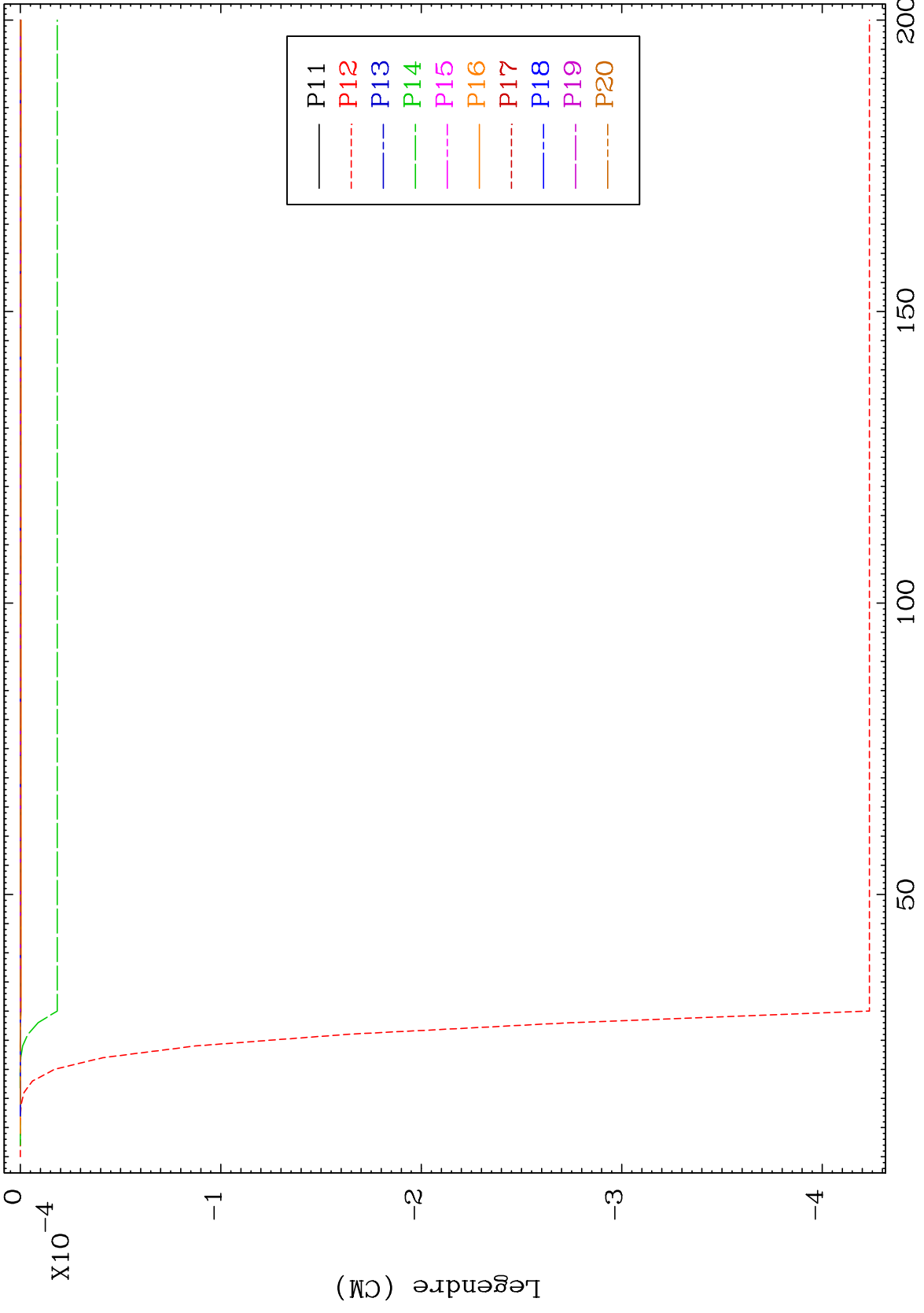




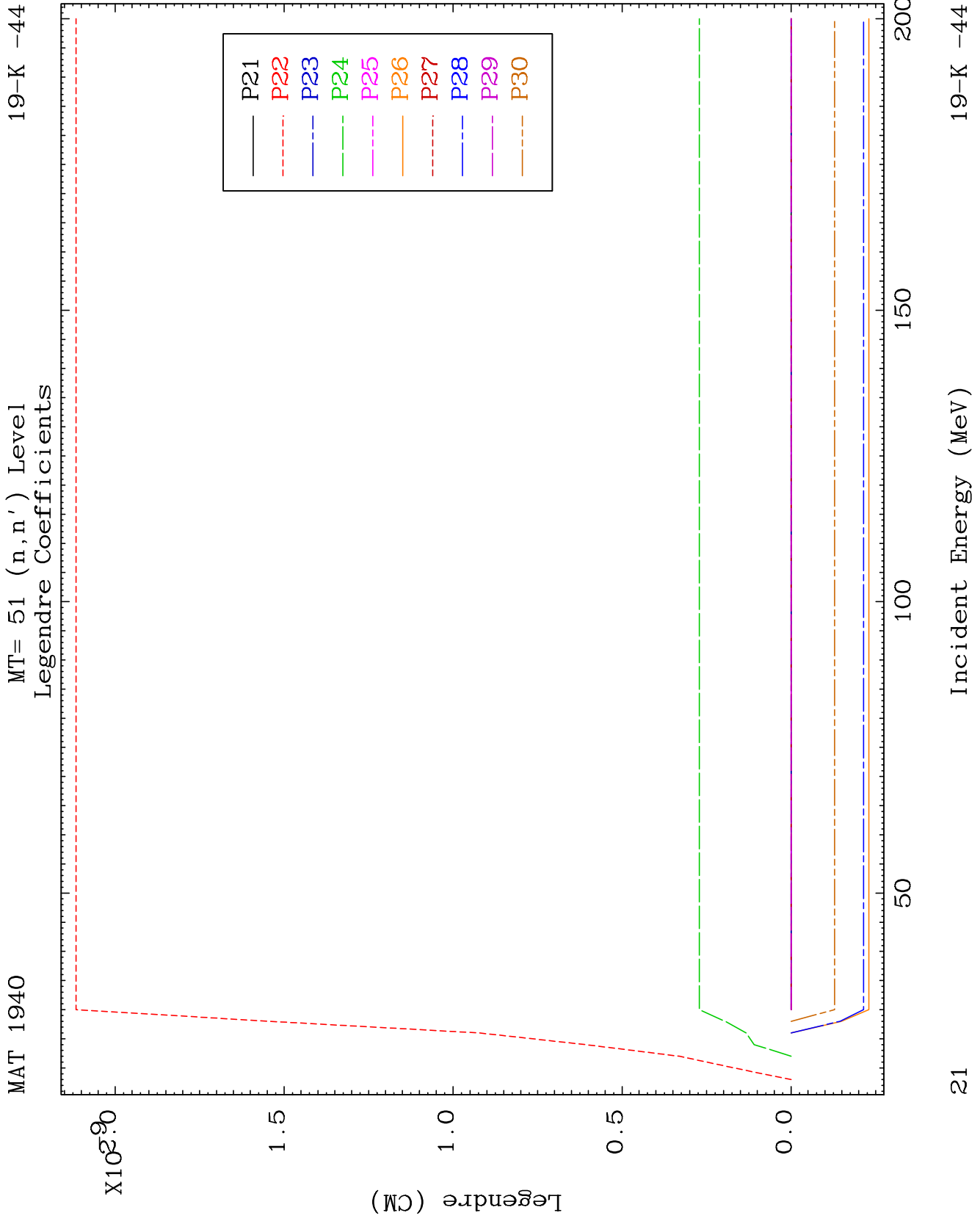




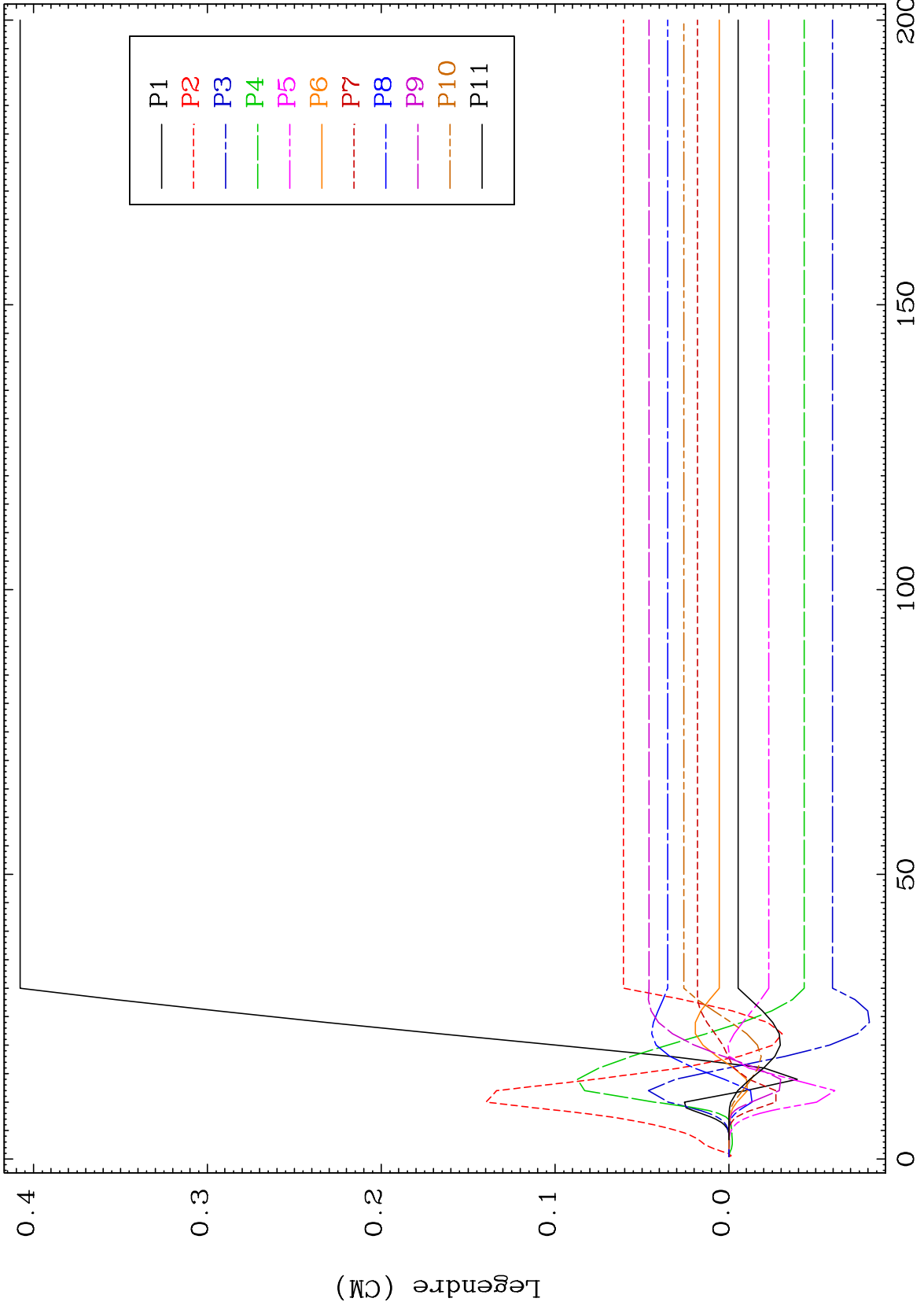
MAT 1940 MT= 51 (n,n') Level Legendre Coefficients 19-K -44



Legendre (CM) Incident Energy (MeV) 19-K -44

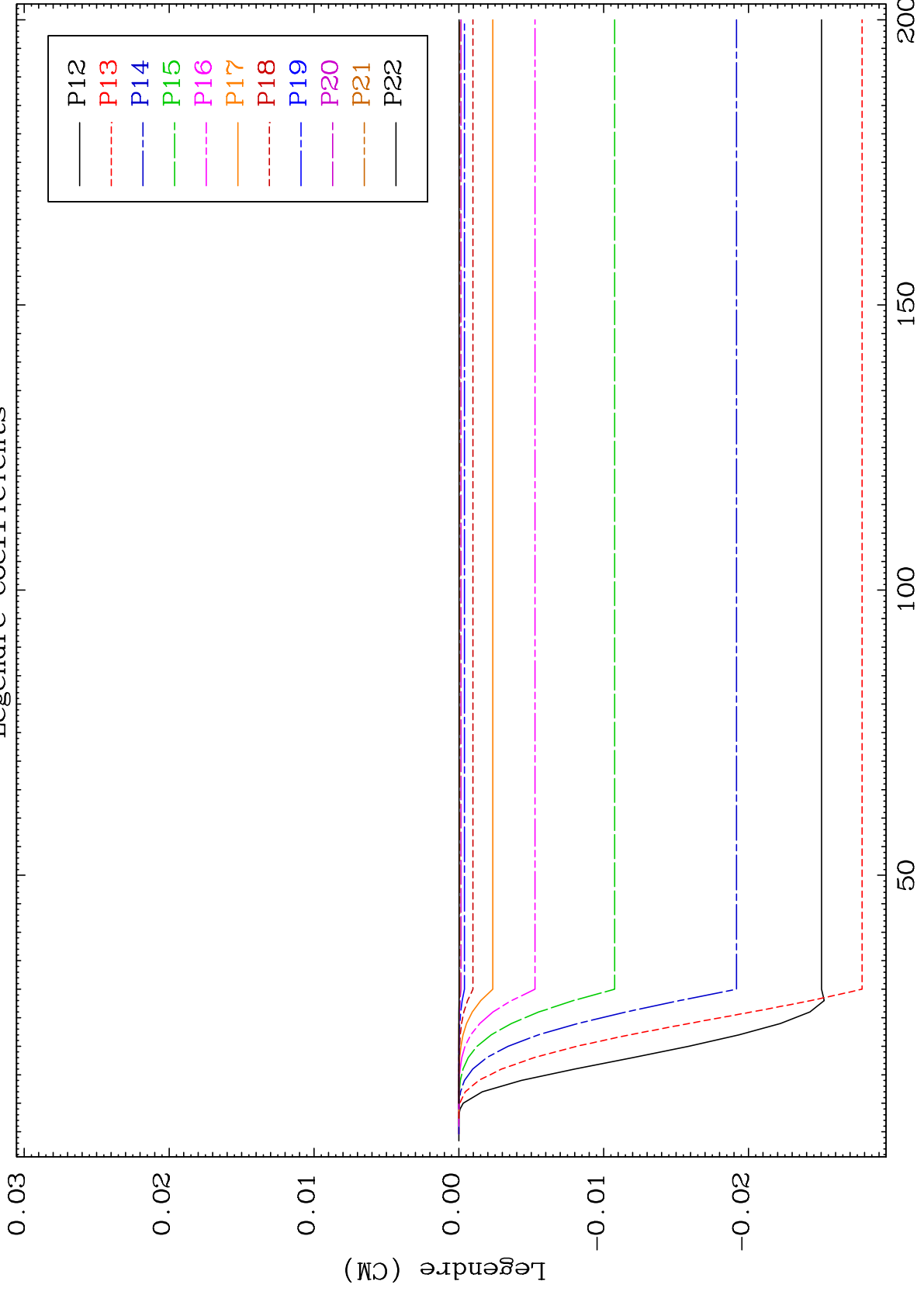


MAT 1940 MT= 52 (n,n') Level Legendre Coefficients 19-K -44



22 19-K -44

MAT 1940 MT= 52 (n,n') Level Legendre Coefficients 19-K -44

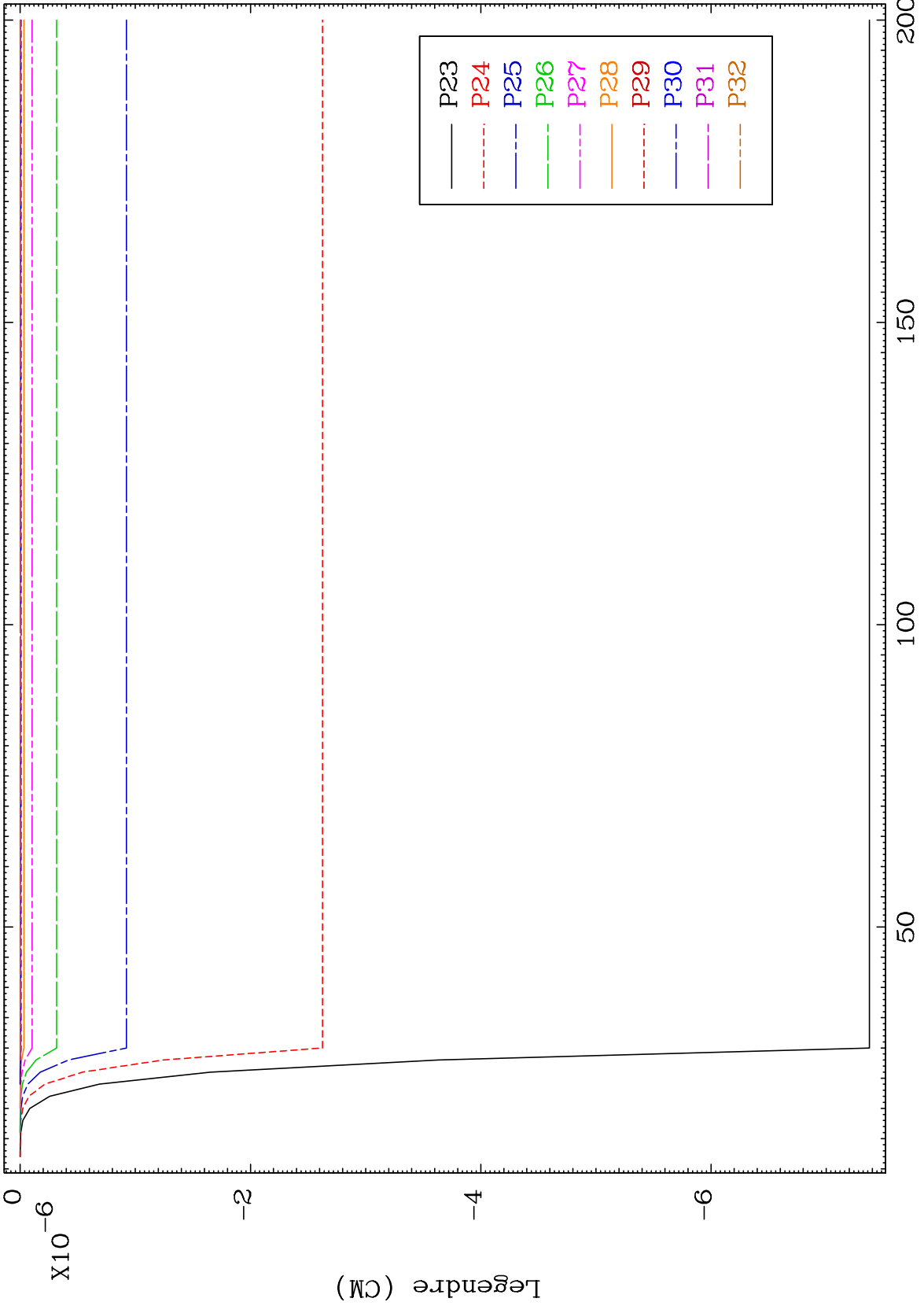


19-K -44

Incident Energy (MeV)



MAT 1940 MT= 52 (n,n') Level Legendre Coefficients 19-K -44

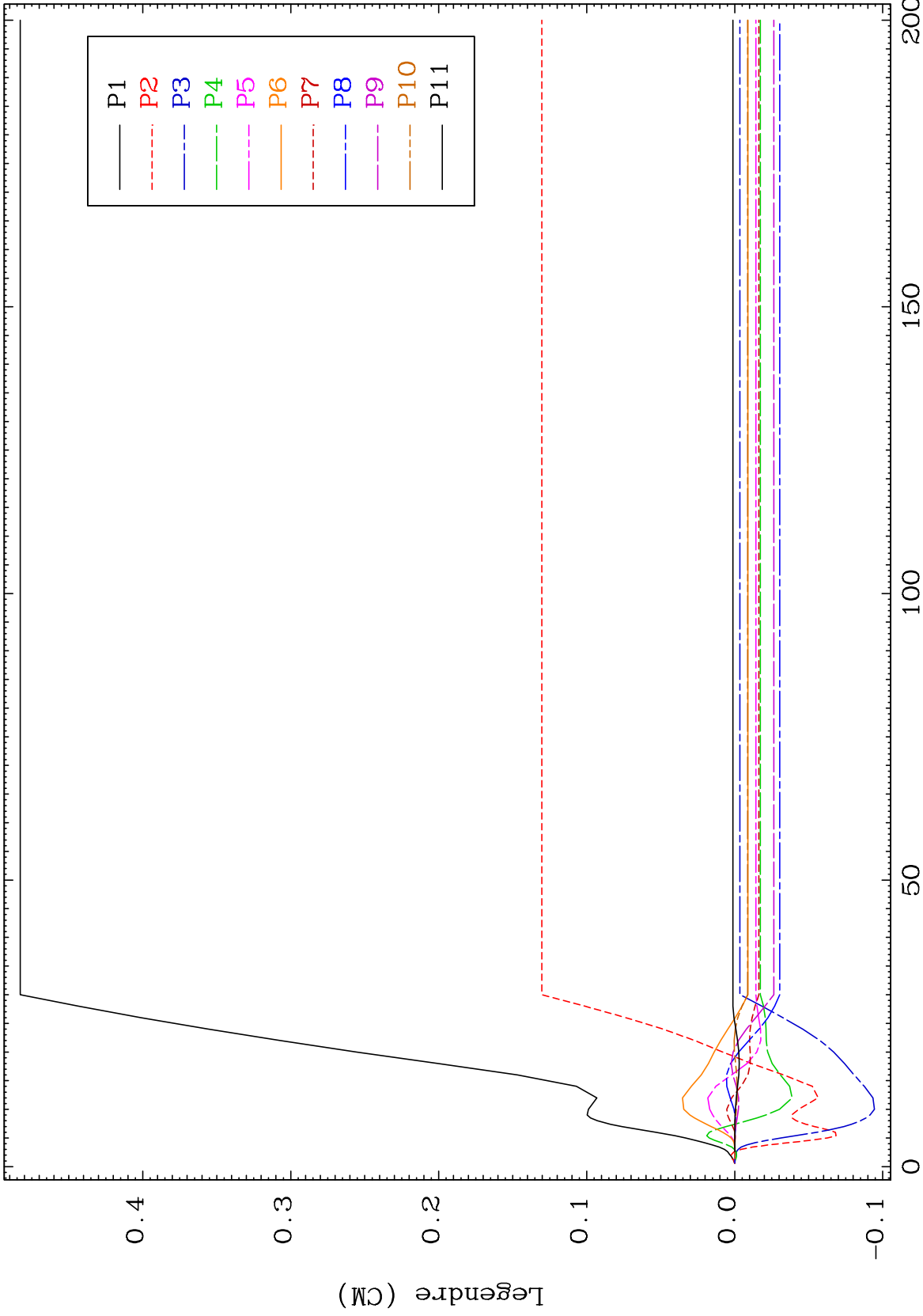


24 Incident Energy (MeV) 19-K -44

MAT 1940

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

19-K -44



25

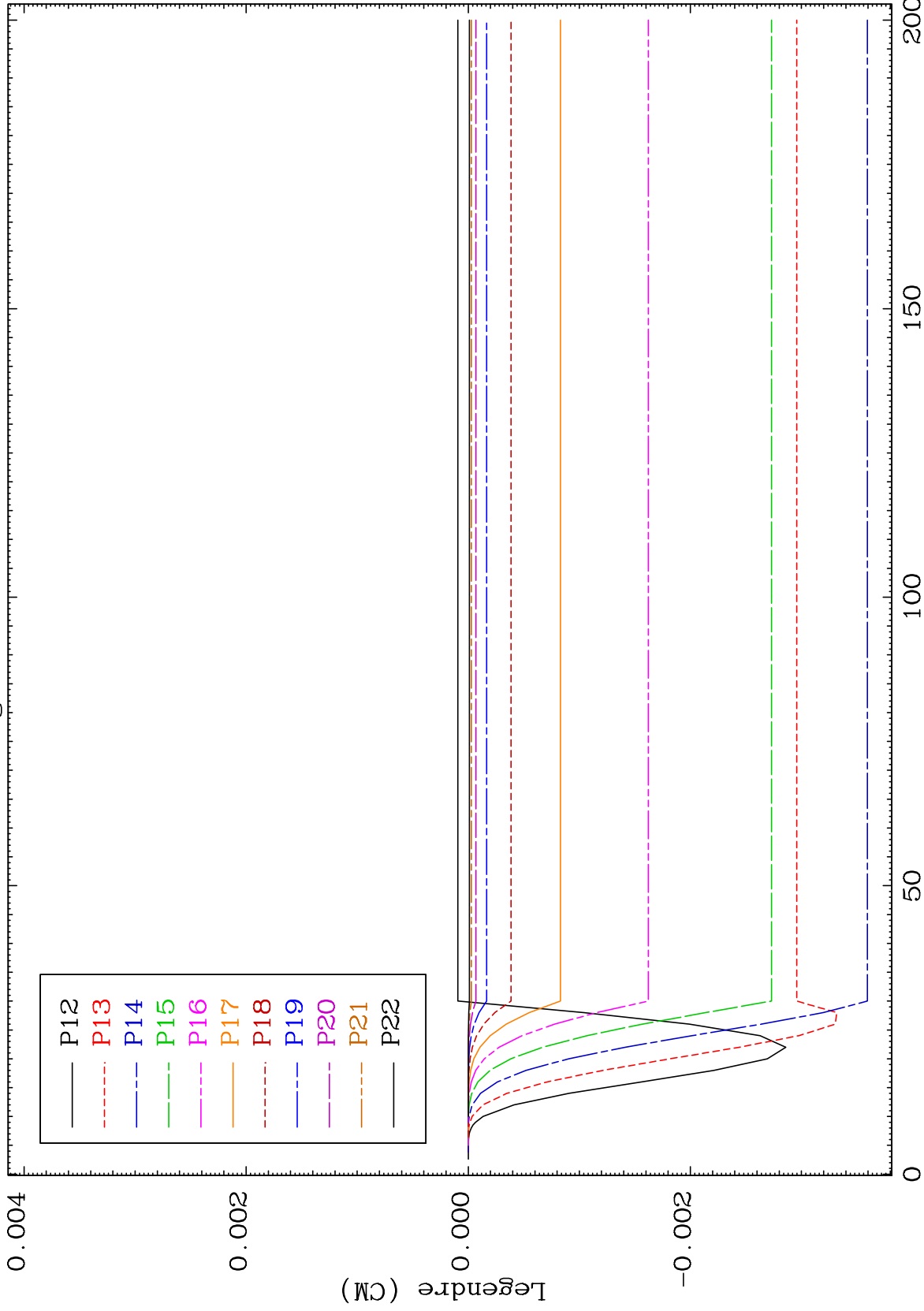
Incident Energy (MeV)

19-K -44

MAT 1940

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

19-K -44

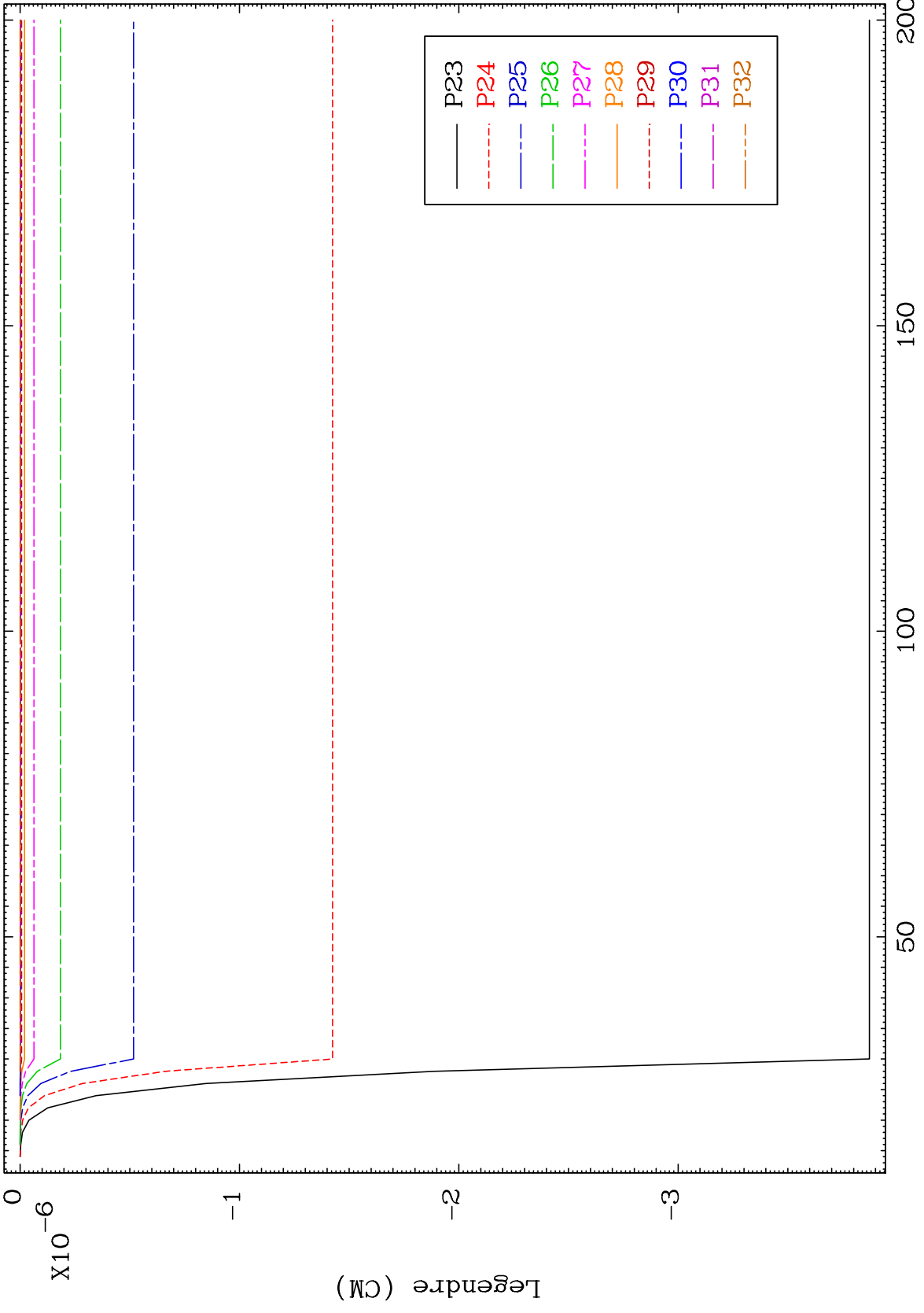


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Incident Energy (MeV)

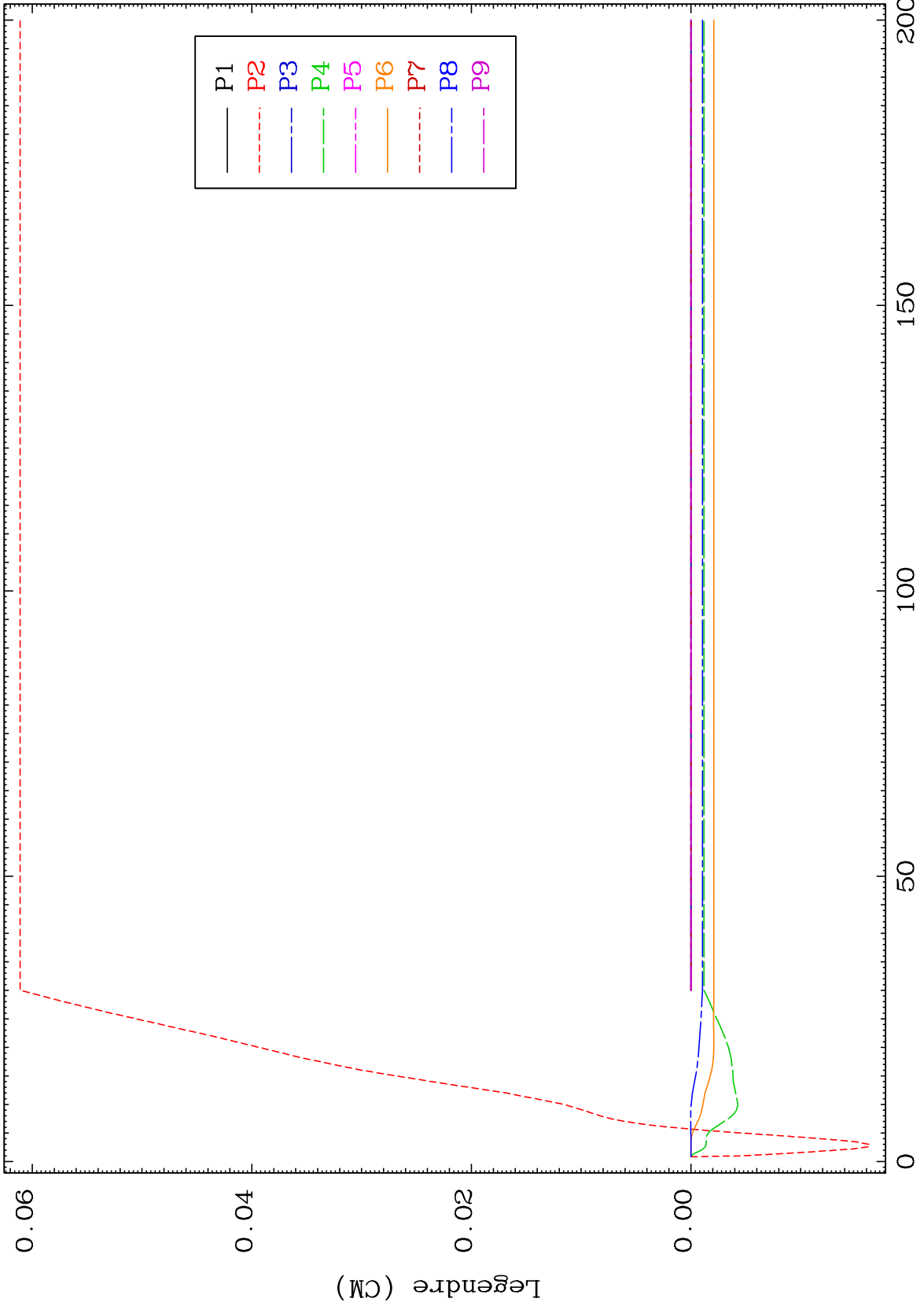
19-K -44

MAT 1940 MT= 53 (n,n') Level Legendre Coefficients 19-K -44



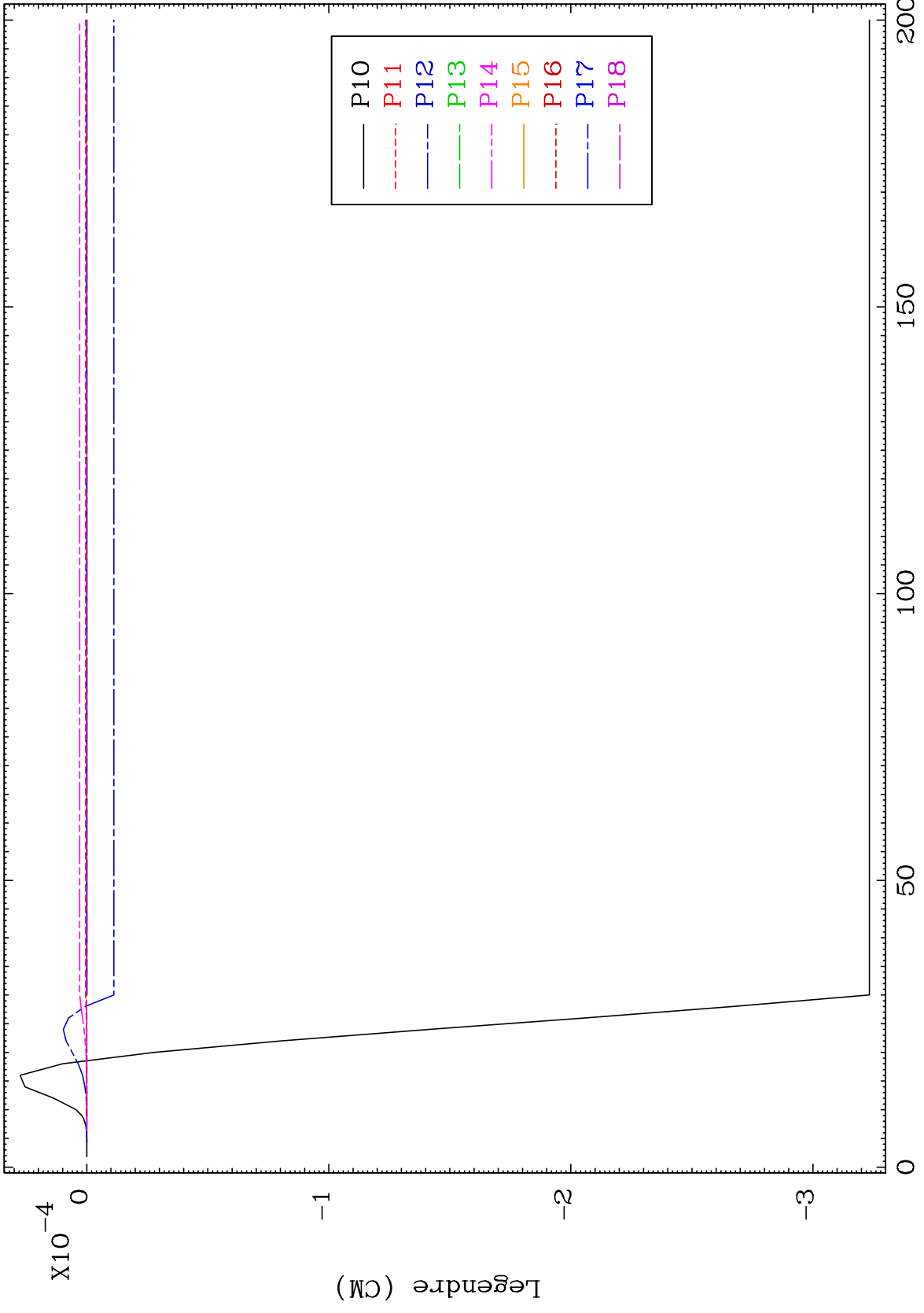
27 Incident Energy (MeV) 19-K -44

MAT 1940 MT= 54 (n,n') Level Legendre Coefficients 19-K -44



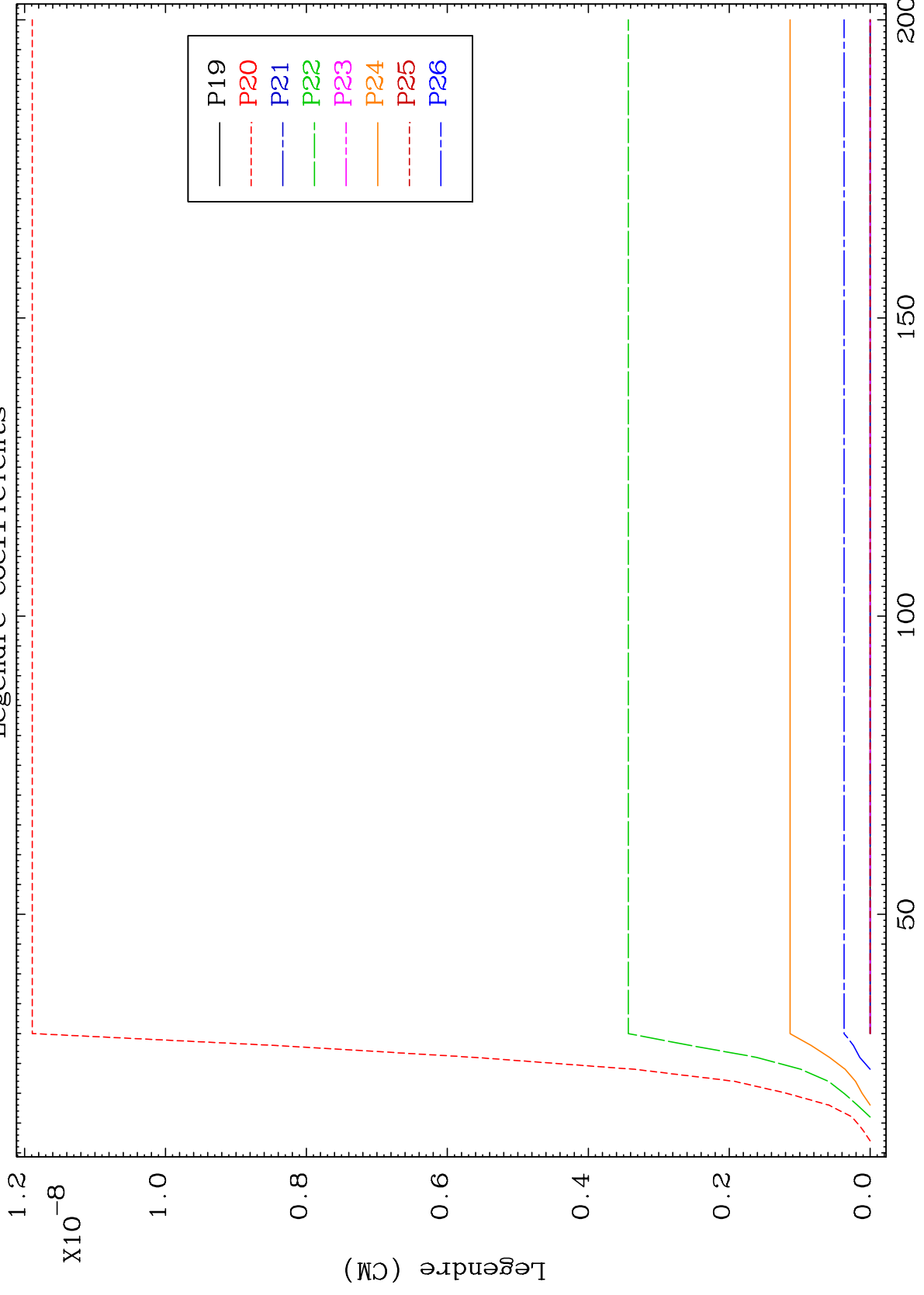
28 Incident Energy (MeV) 19-K -44

MAT 1940 MT= 54 (n,n') Level Legendre Coefficients 19-K -44



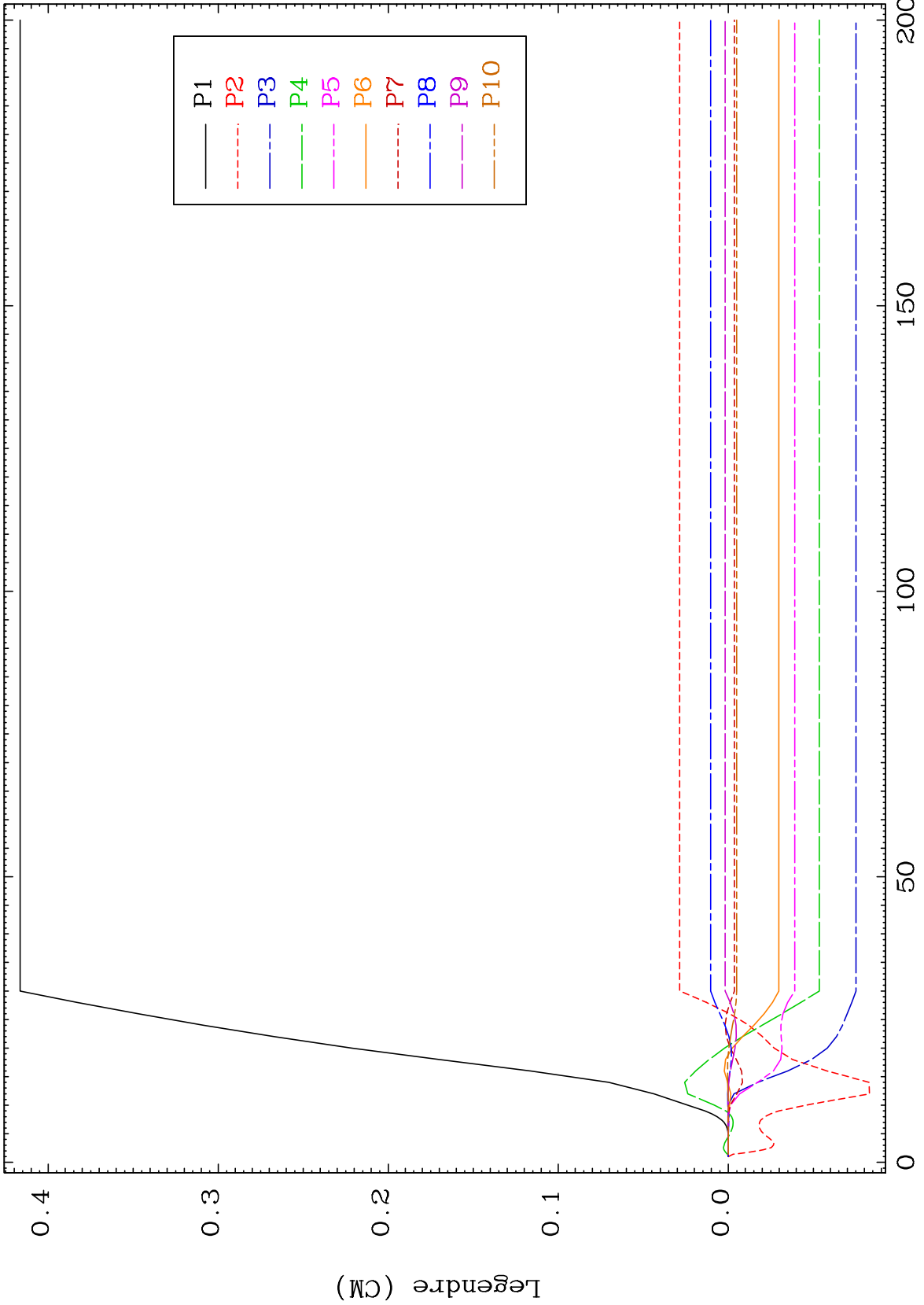
29 19-K -44

MAT 1940 MT= 54 (n,n') Level Legendre Coefficients 19-K -44



Incident Energy (MeV) 19-K -44

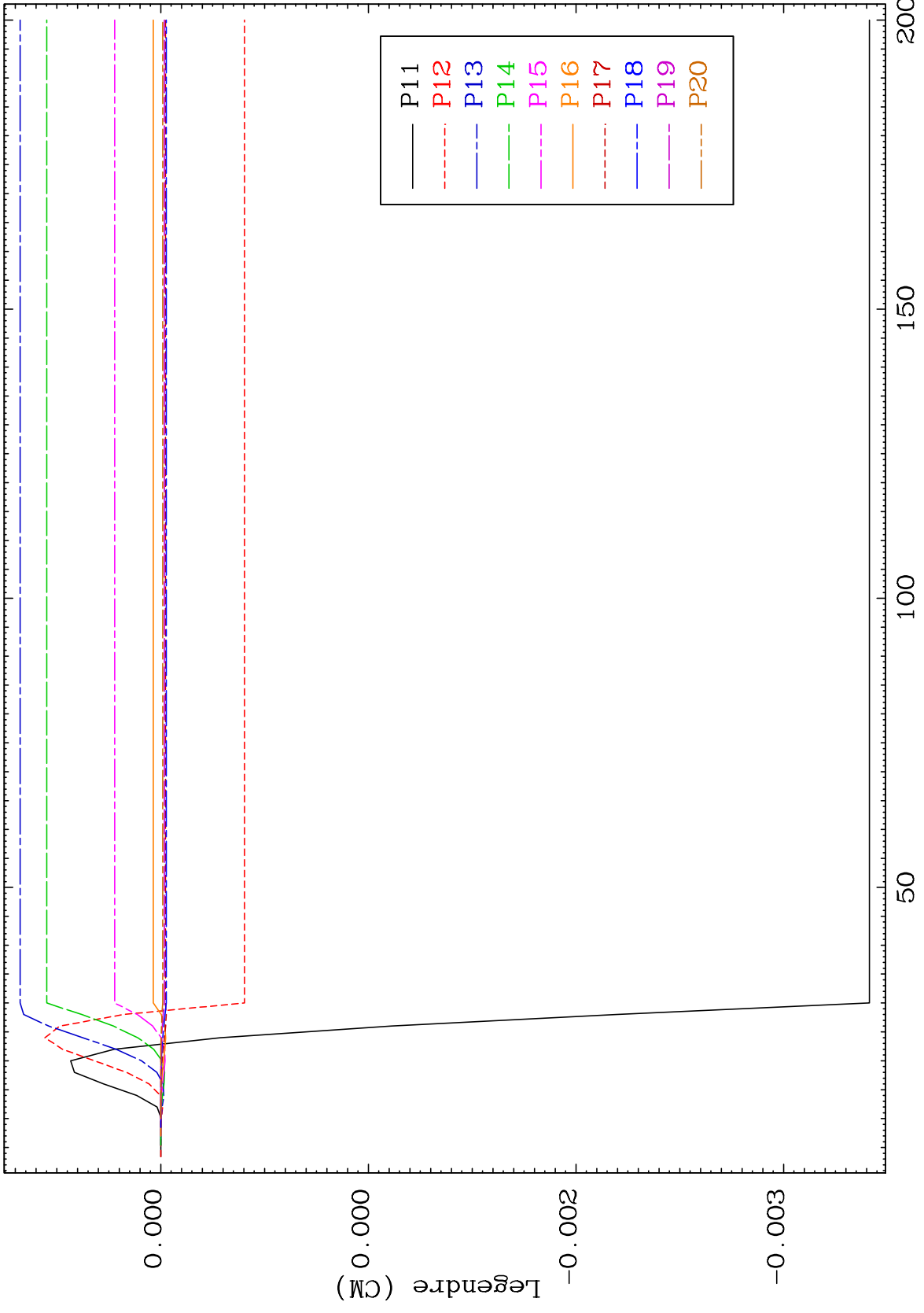
MAT 1940 MT= 55 (n,n') Level Legendre Coefficients 19-K -44



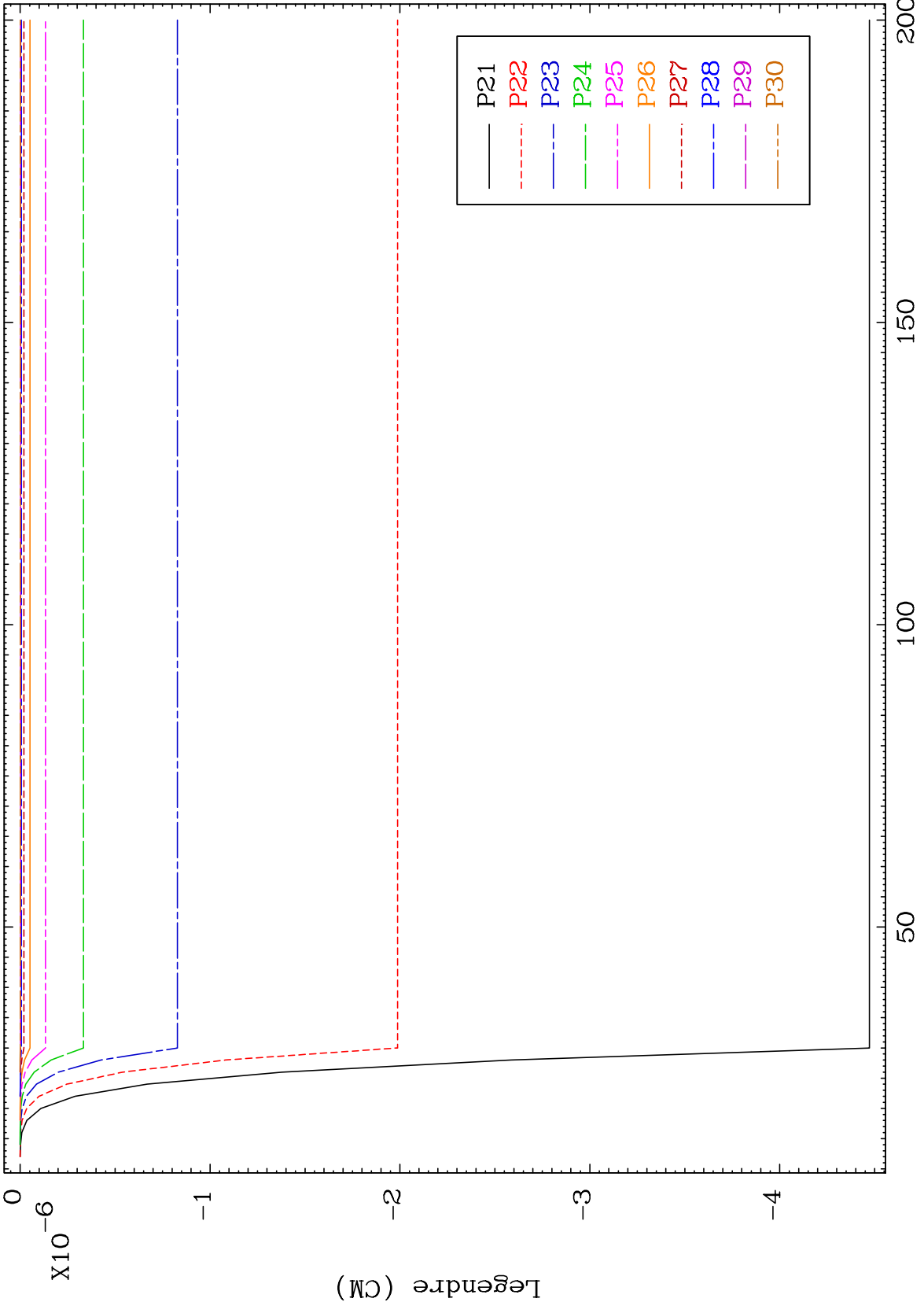
31 Incident Energy (MeV) 19-K -44



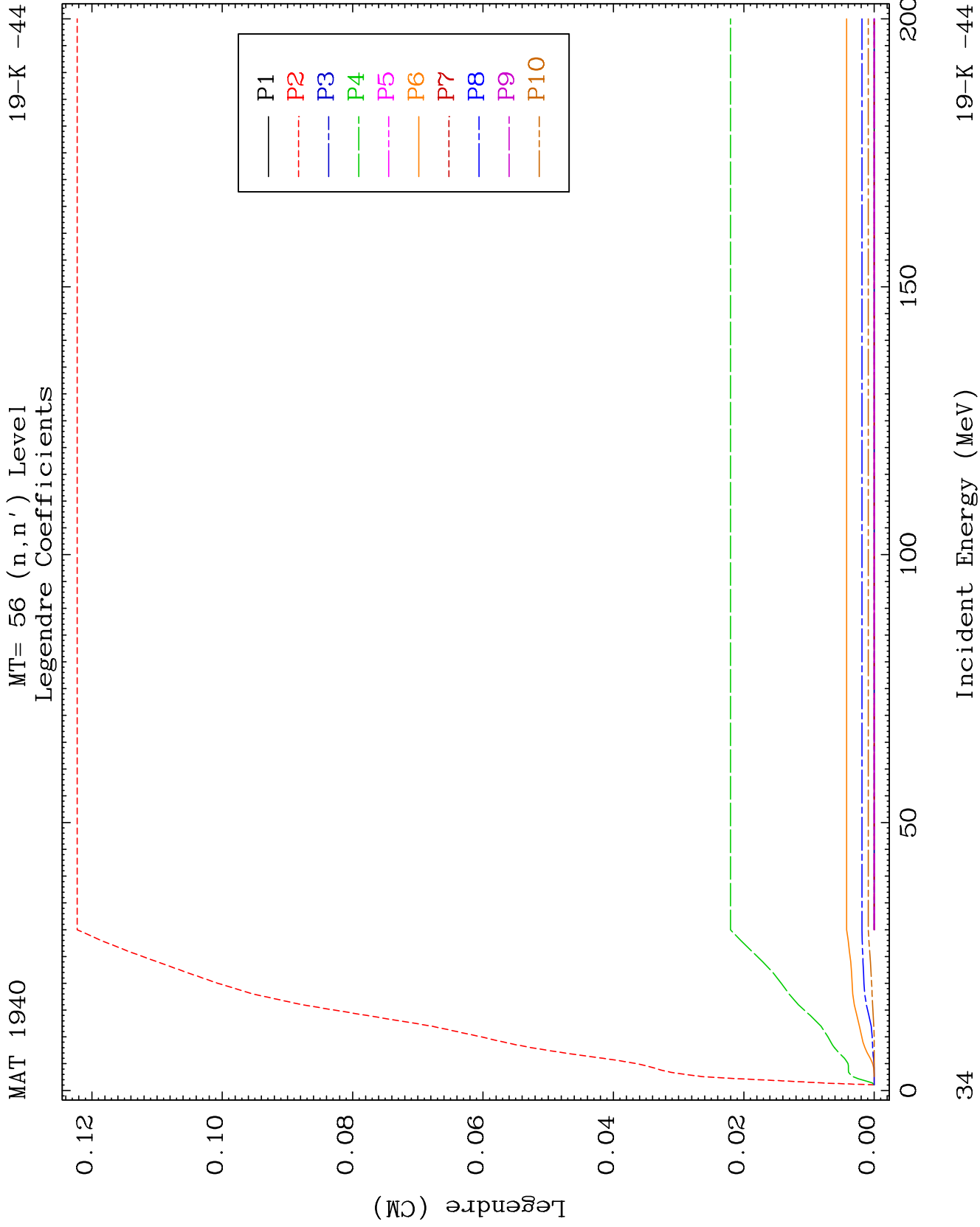
MAT 1940 MT= 55 (n,n') Level Legendre Coefficients 19-K -44



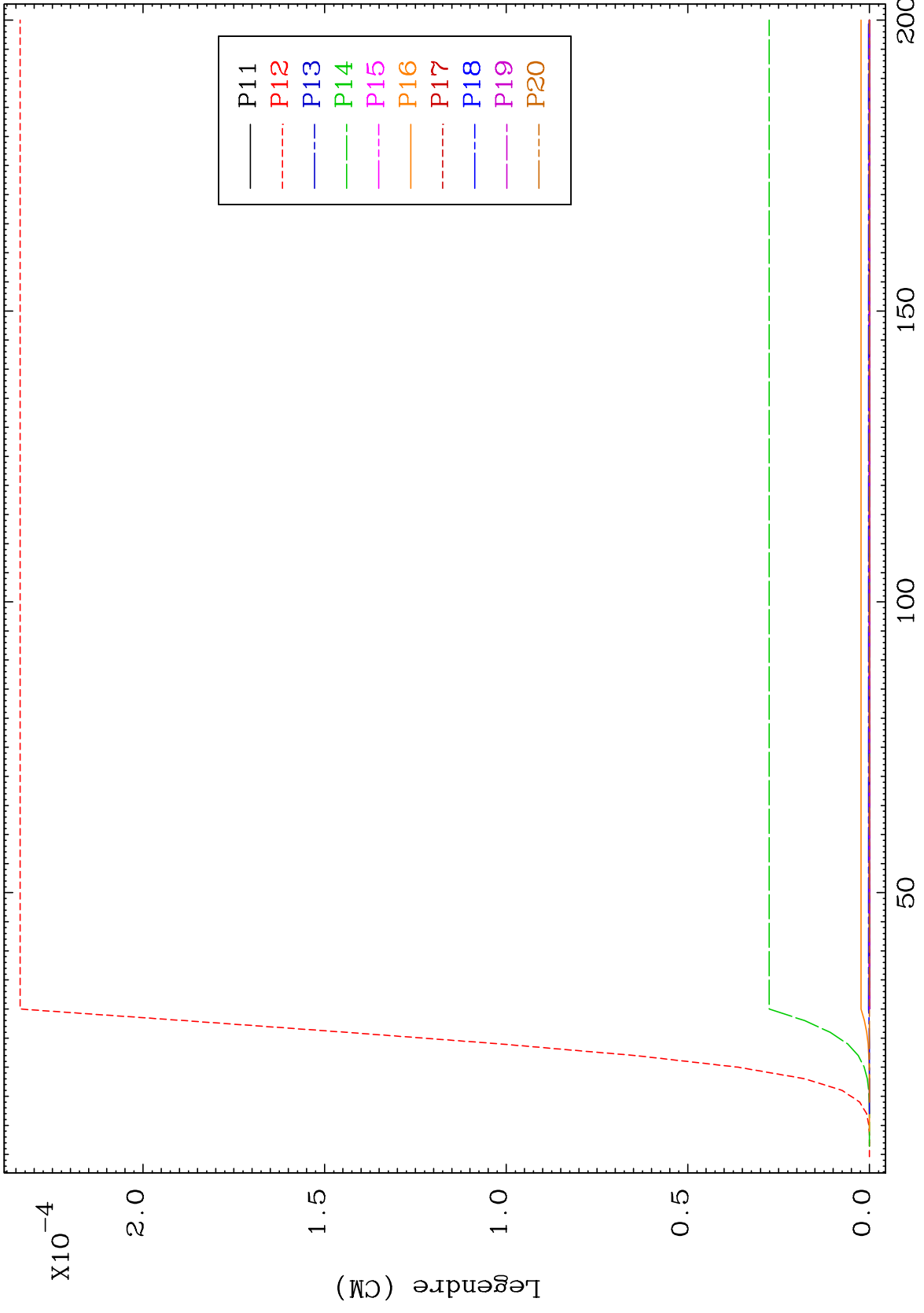
MAT 1940 MT= 55 (n,n') Level Legendre Coefficients 19-K -44



33 19-K -44

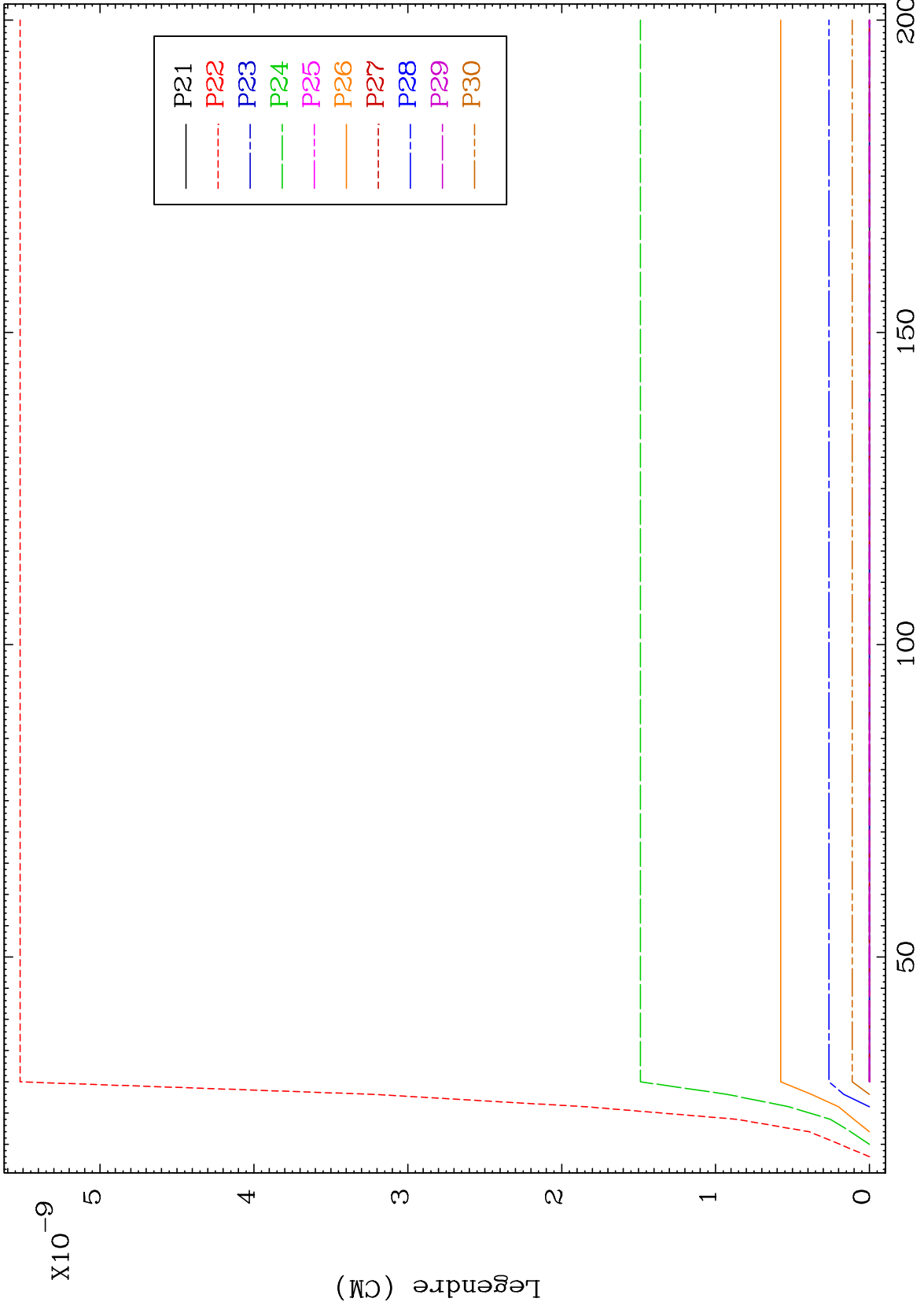


MAT 1940 MT= 56 (n,n') Level Legendre Coefficients 19-K -44



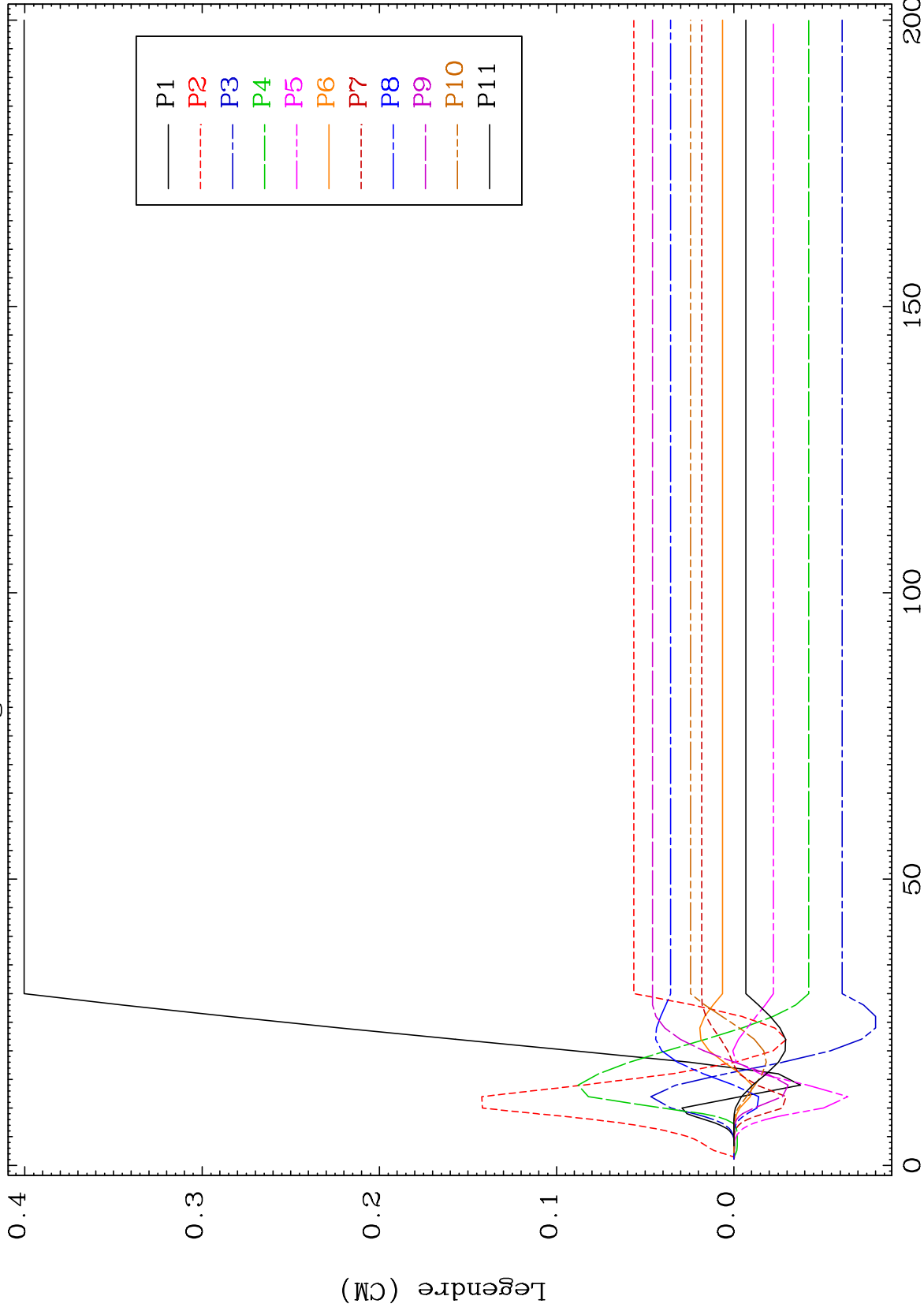
35 Incident Energy (MeV) 19-K -44

MAT 1940 MT= 56 (n,n') Level Legendre Coefficients 19-K -44



36 Incident Energy (MeV) 19-K -44

MAT 1940 MT= 57 (n,n') Level Legendre Coefficients 19-K -44

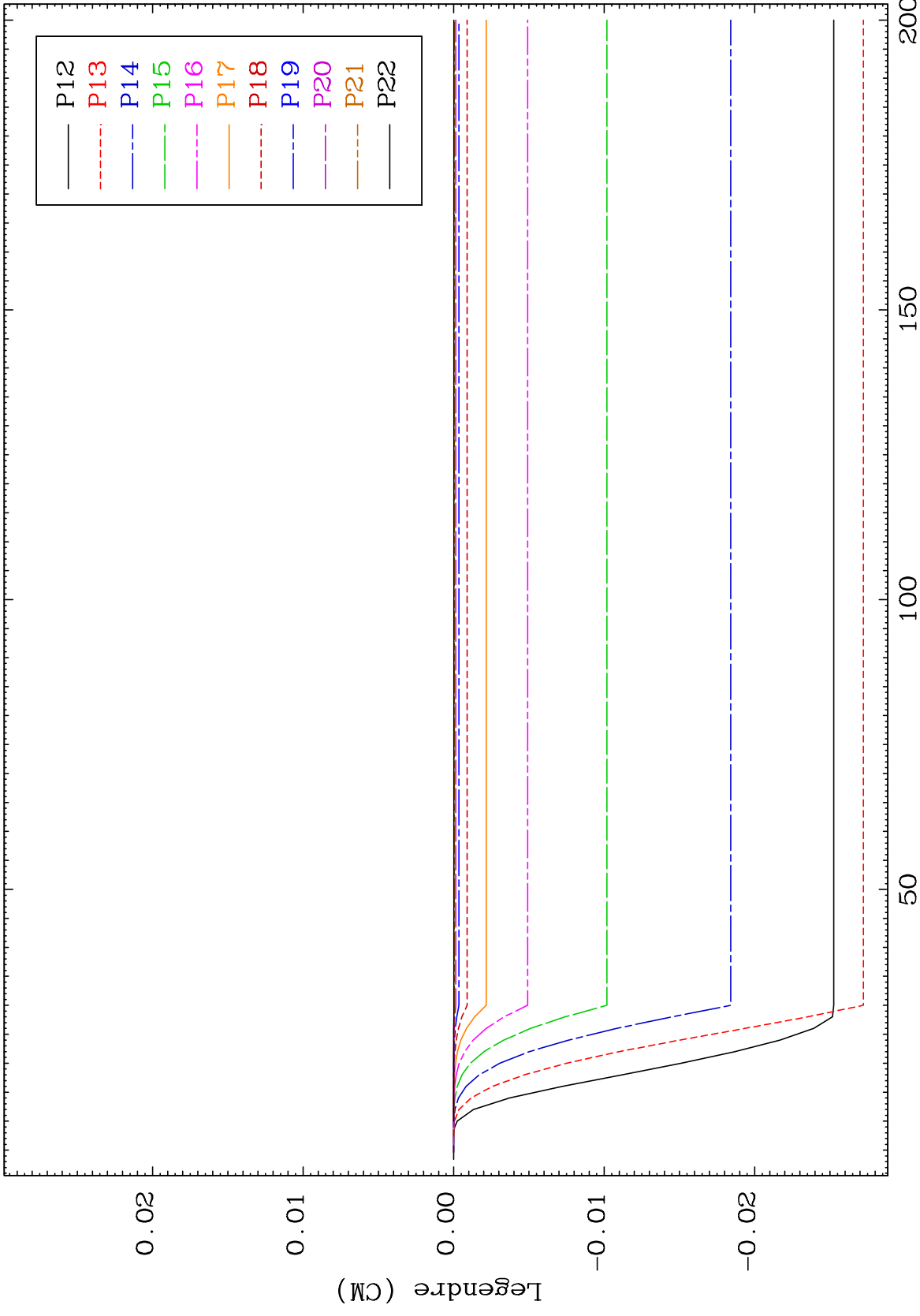


37 19-K -44

MAT 1940

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

19-K -44

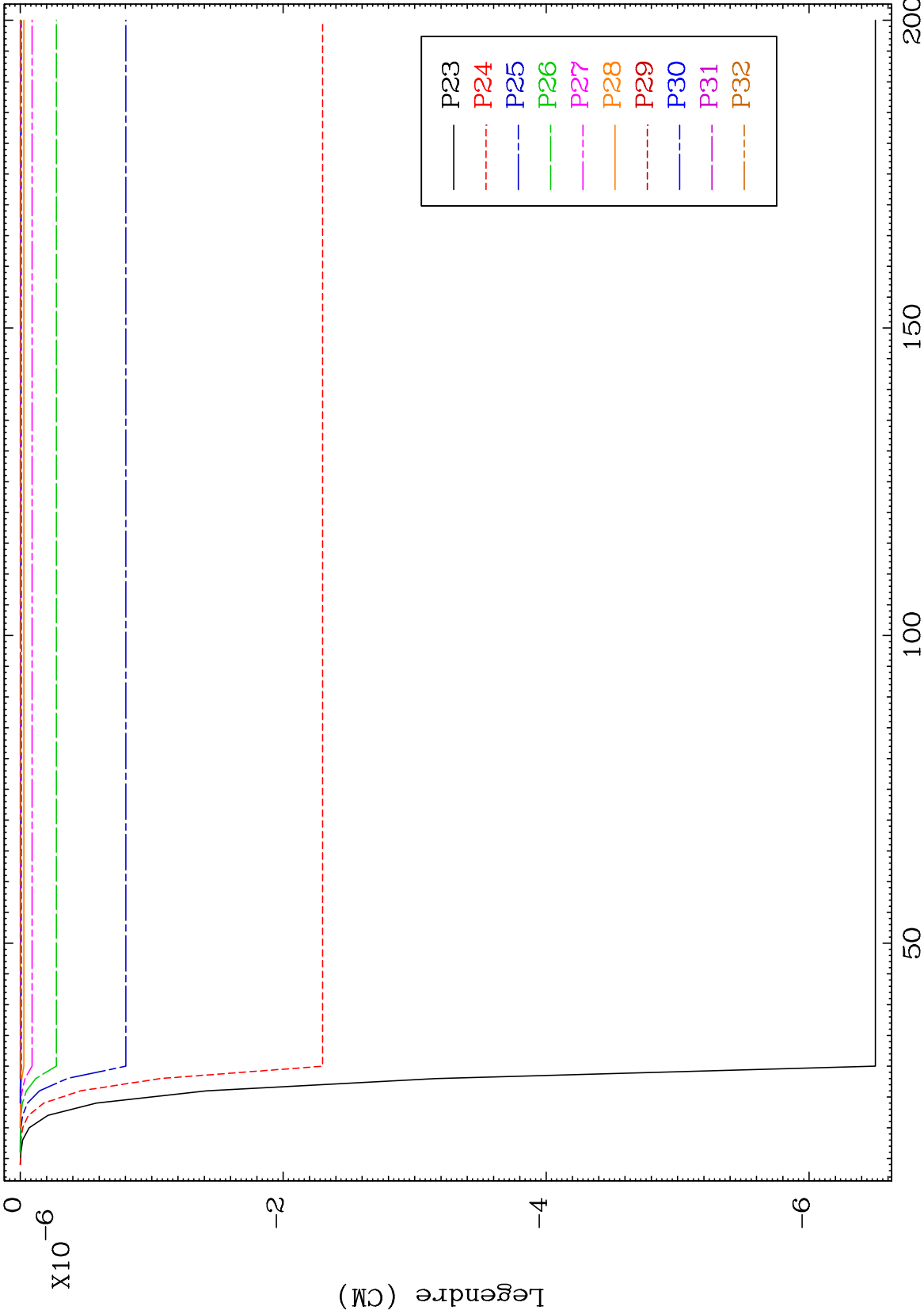


38

Incident Energy (MeV)

19-K -44

MAT 1940 MT= 57 (n,n') Level Legendre Coefficients 19-K -44

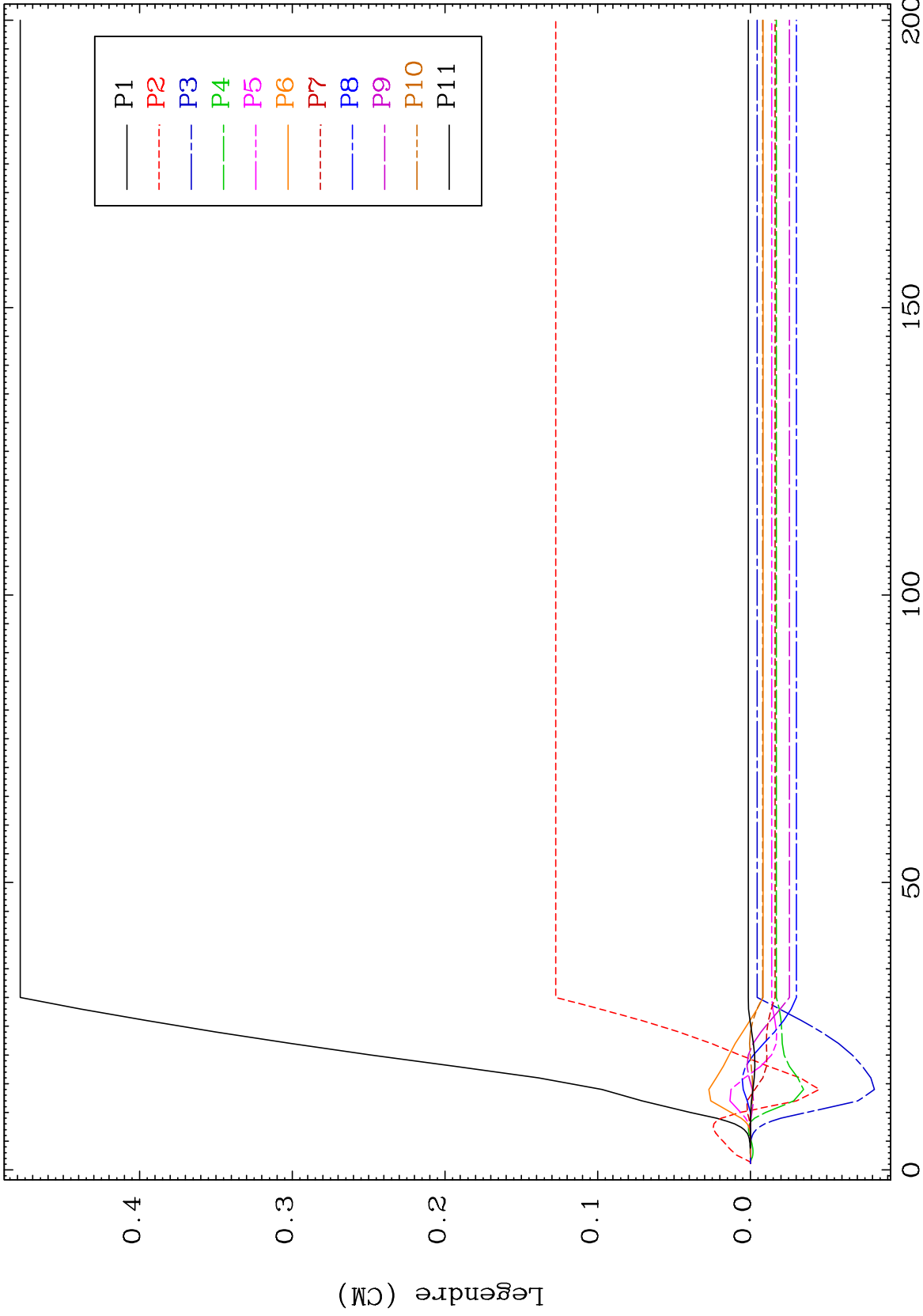




MAT 1940

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

19-K -44



40

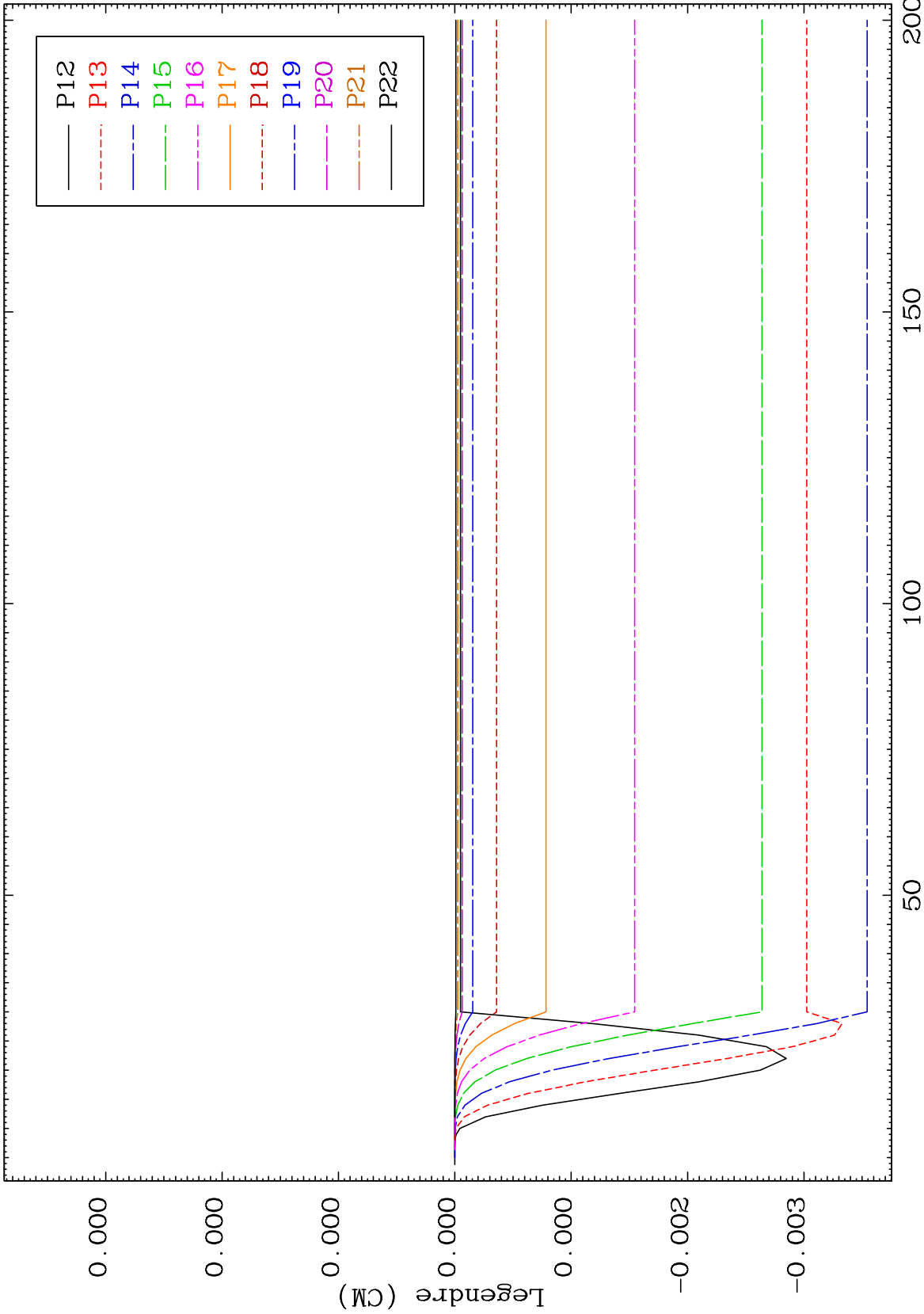
Incident Energy (MeV)

19-K -44

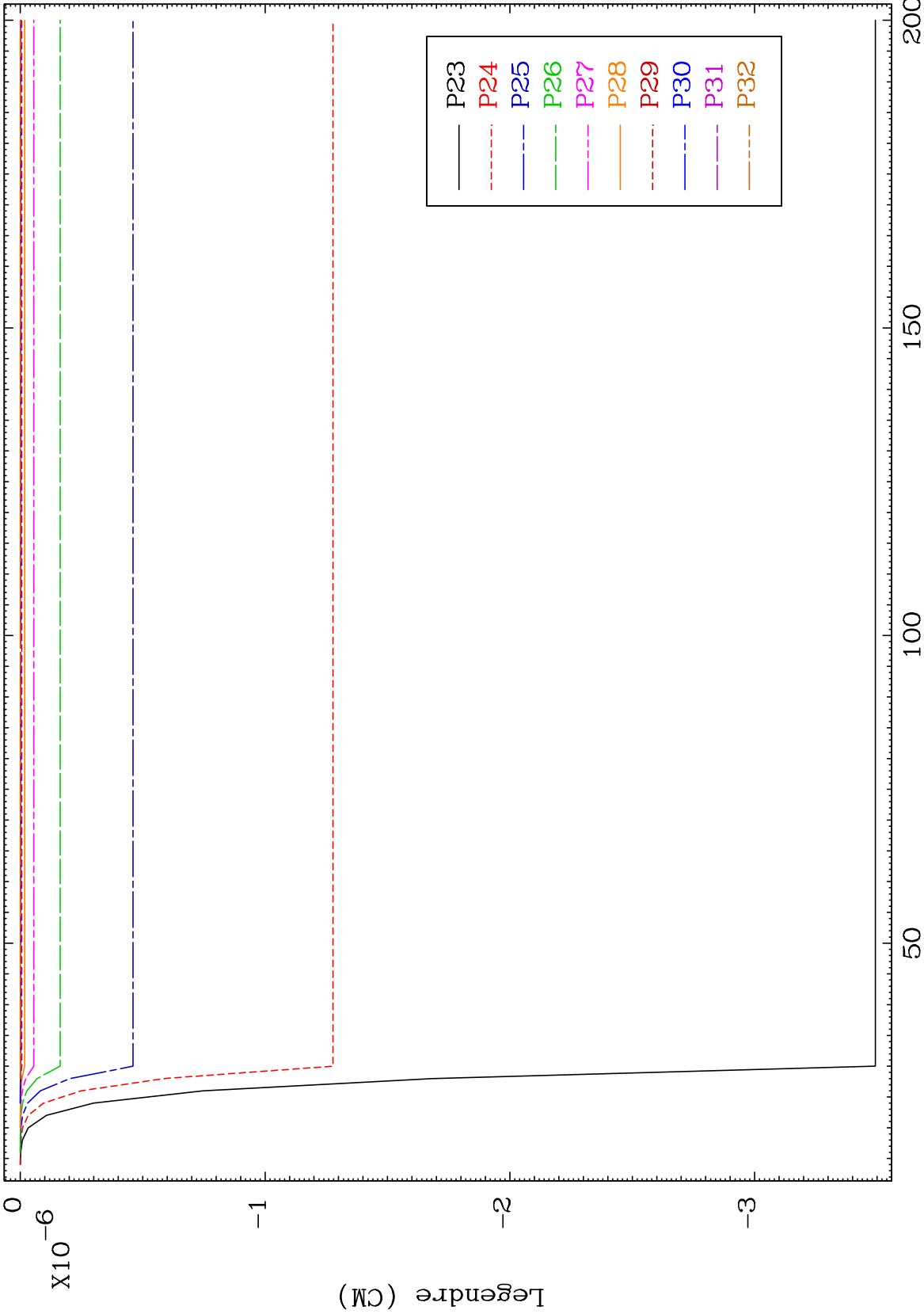
MAT 1940

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

19-K -44

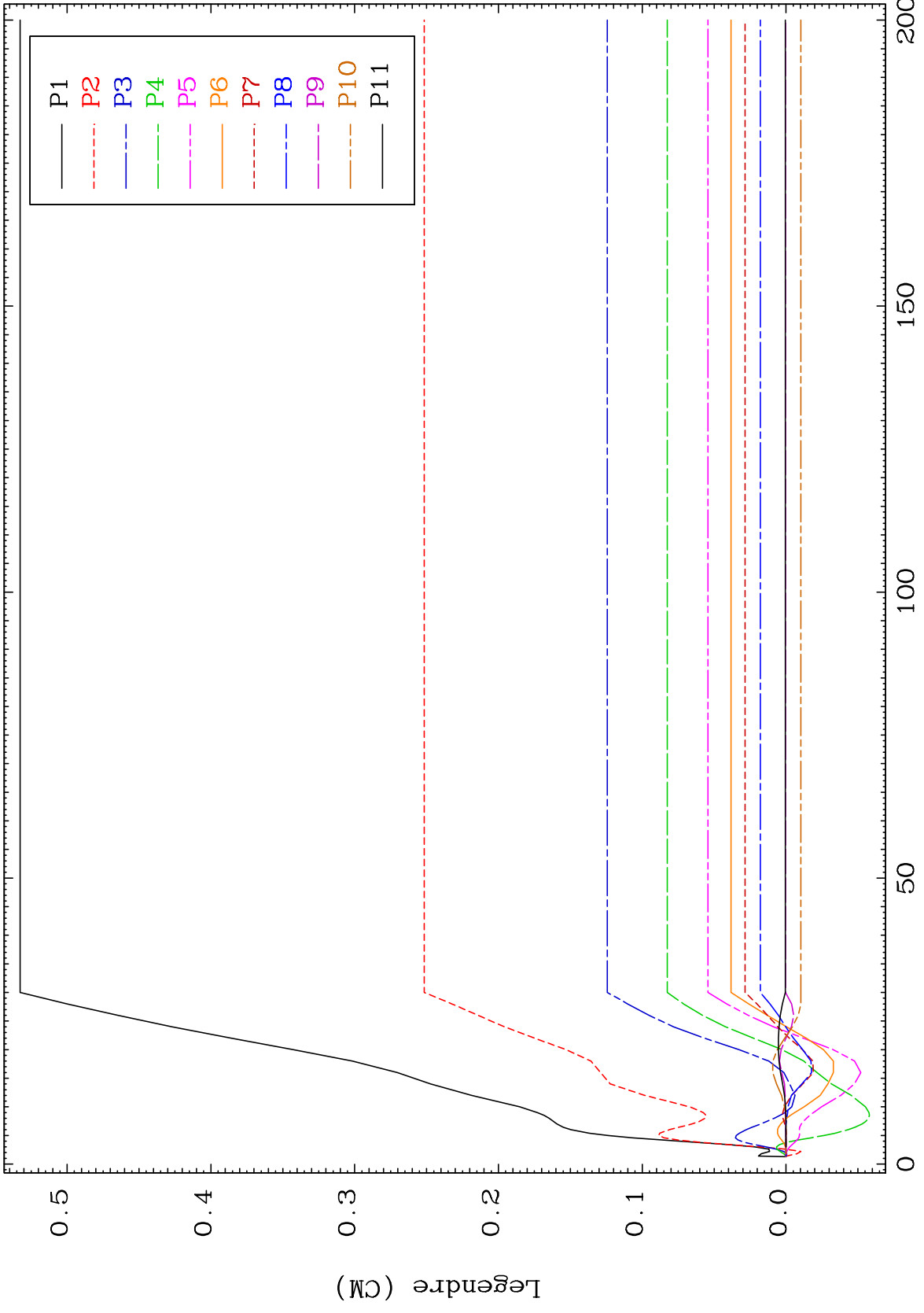


MAT 1940 MT= 58 (n,n') Level Legendre Coefficients 19-K -44



42 Incident Energy (MeV) 19-K -44

MAT 1940 MT= 59 (n,n') Level Legendre Coefficients 19-K -44

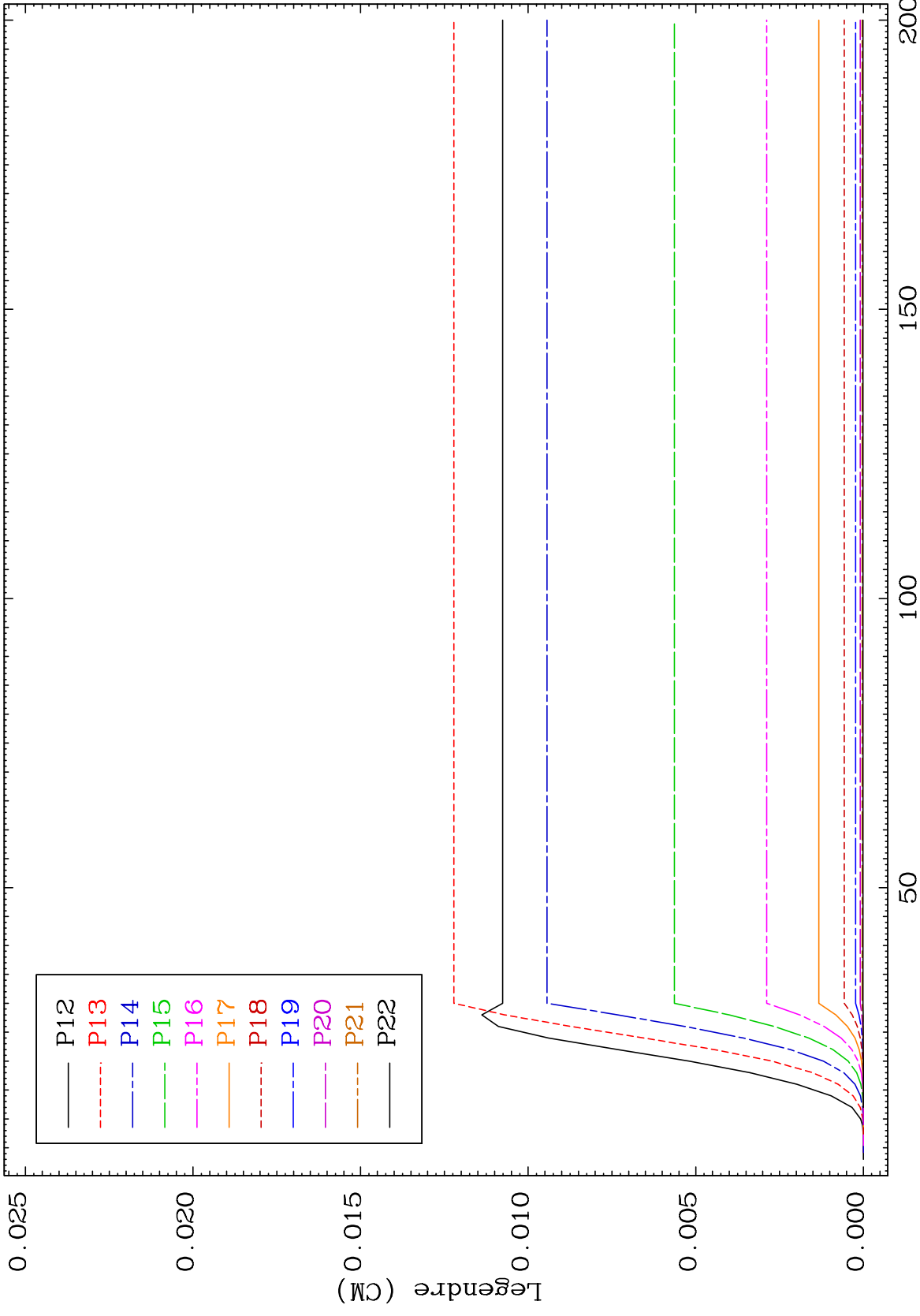


43 19-K -44

MAT 1940

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

19-K -44



44

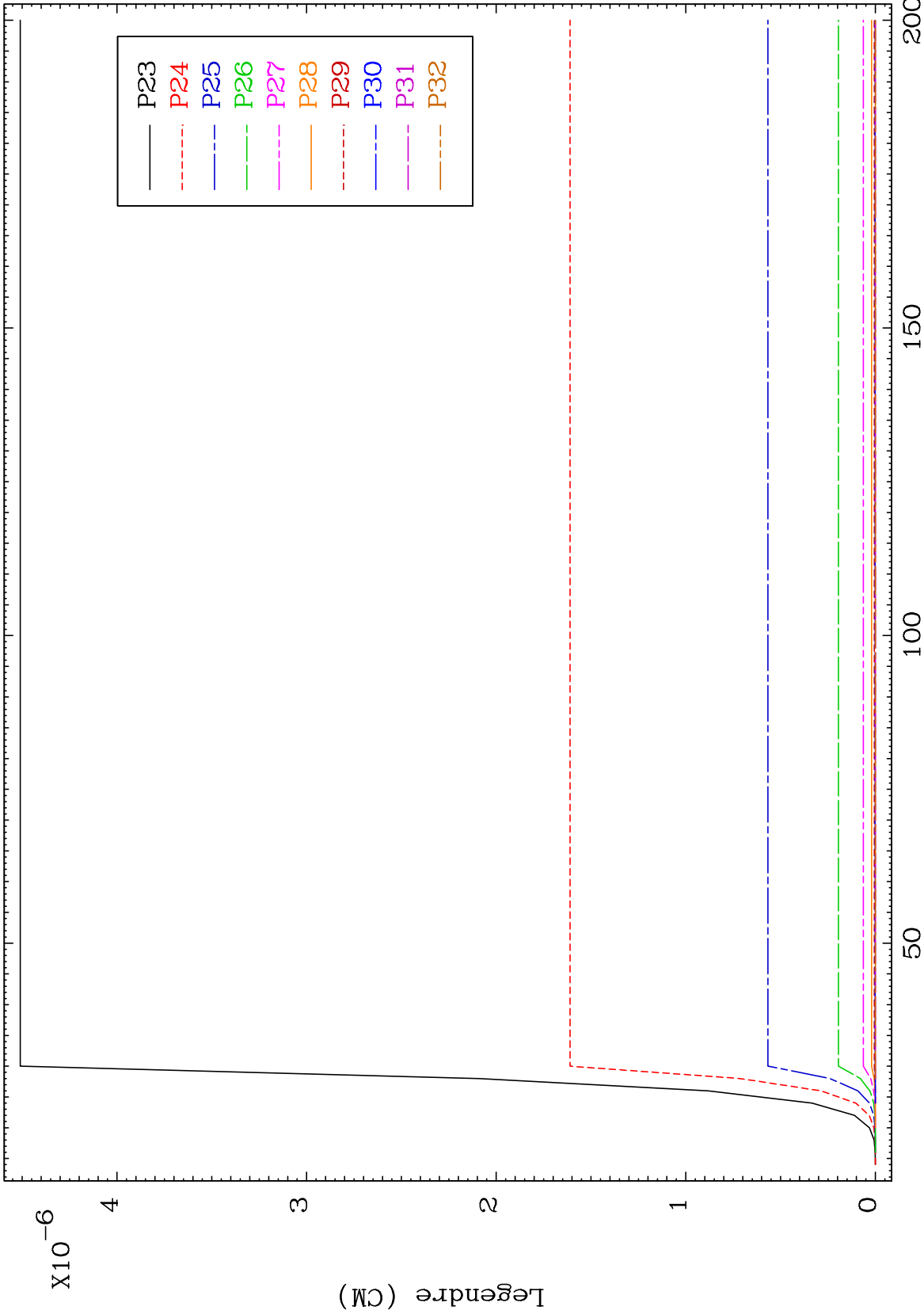
Incident Energy (MeV)

19-K -44

MAT 1940

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

19-K -44

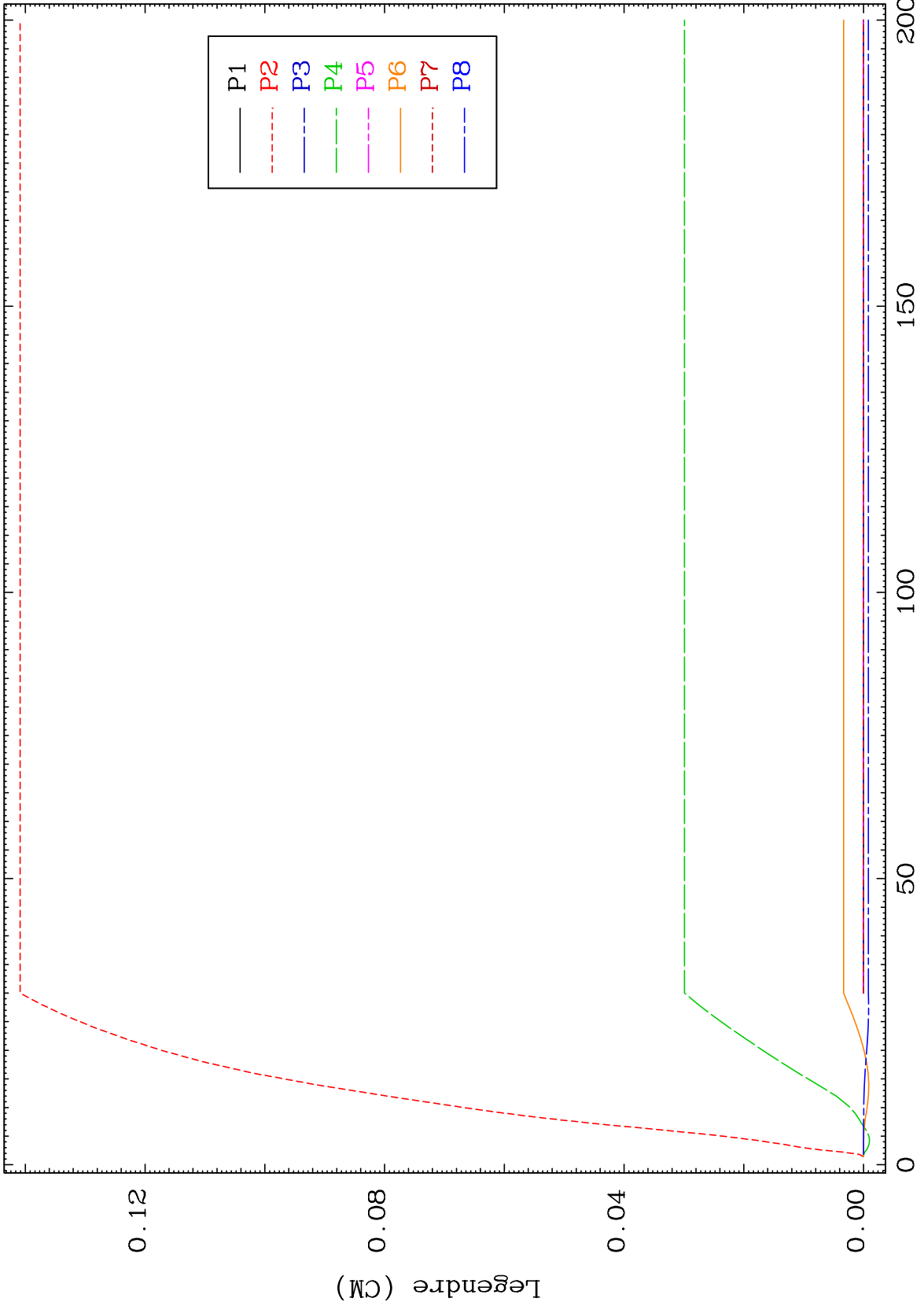


45

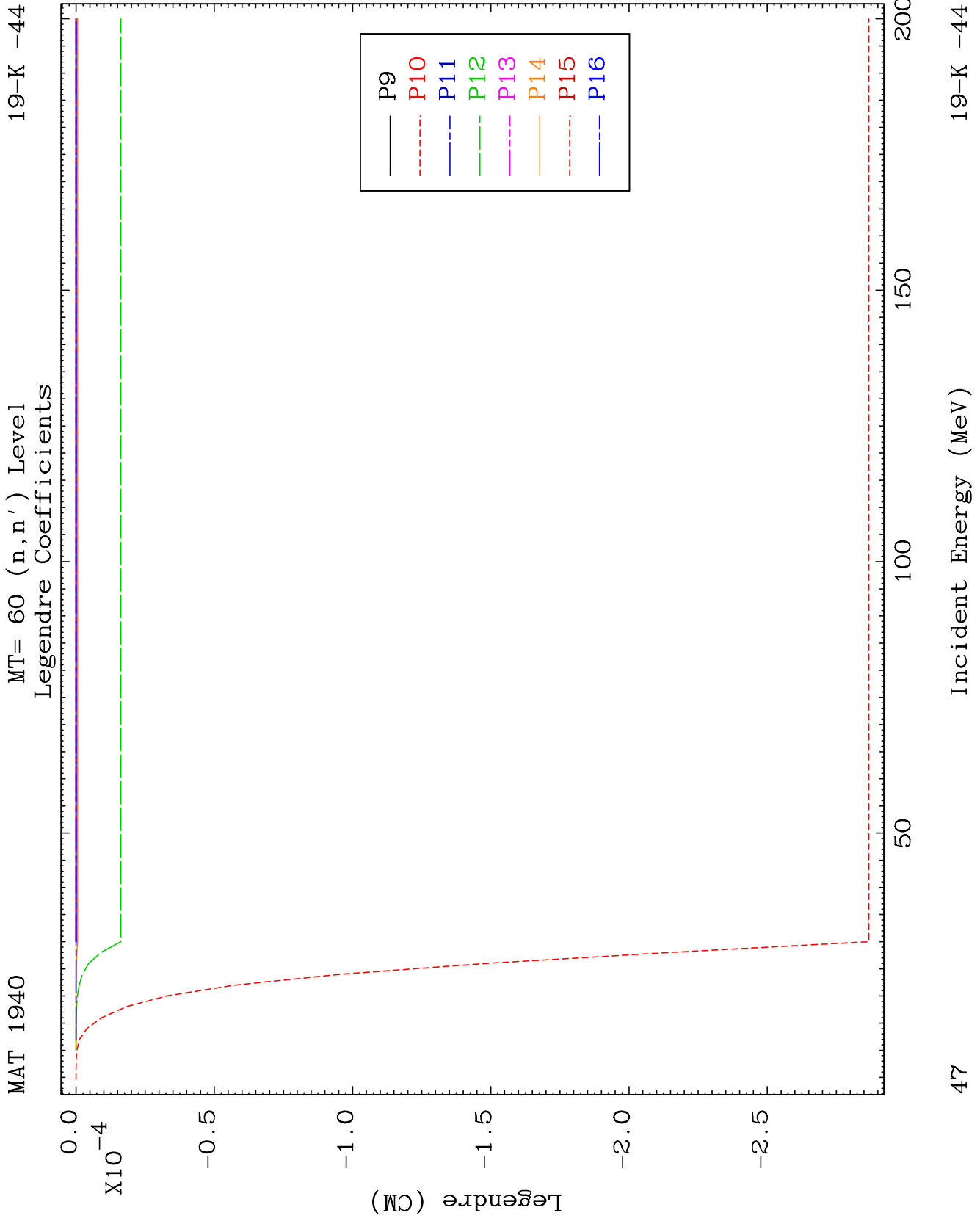
Incident Energy (MeV)

19-K -44

MAT 1940 MT= 60 (n,n') Level Legendre Coefficients 19-K -44

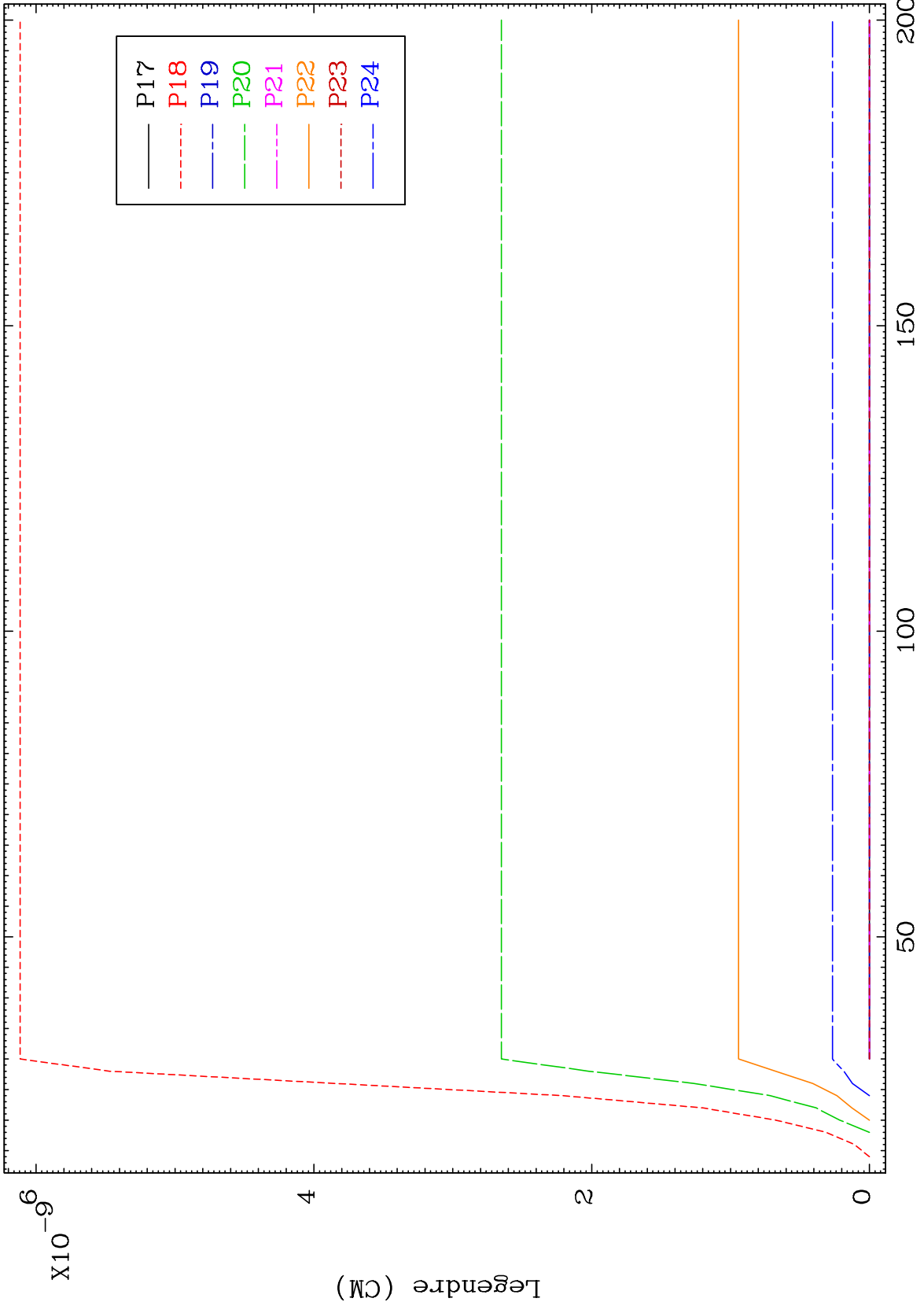


46 19-K -44





MAT 1940 MT= 60 (n,n') Level Legendre Coefficients 19-K -44



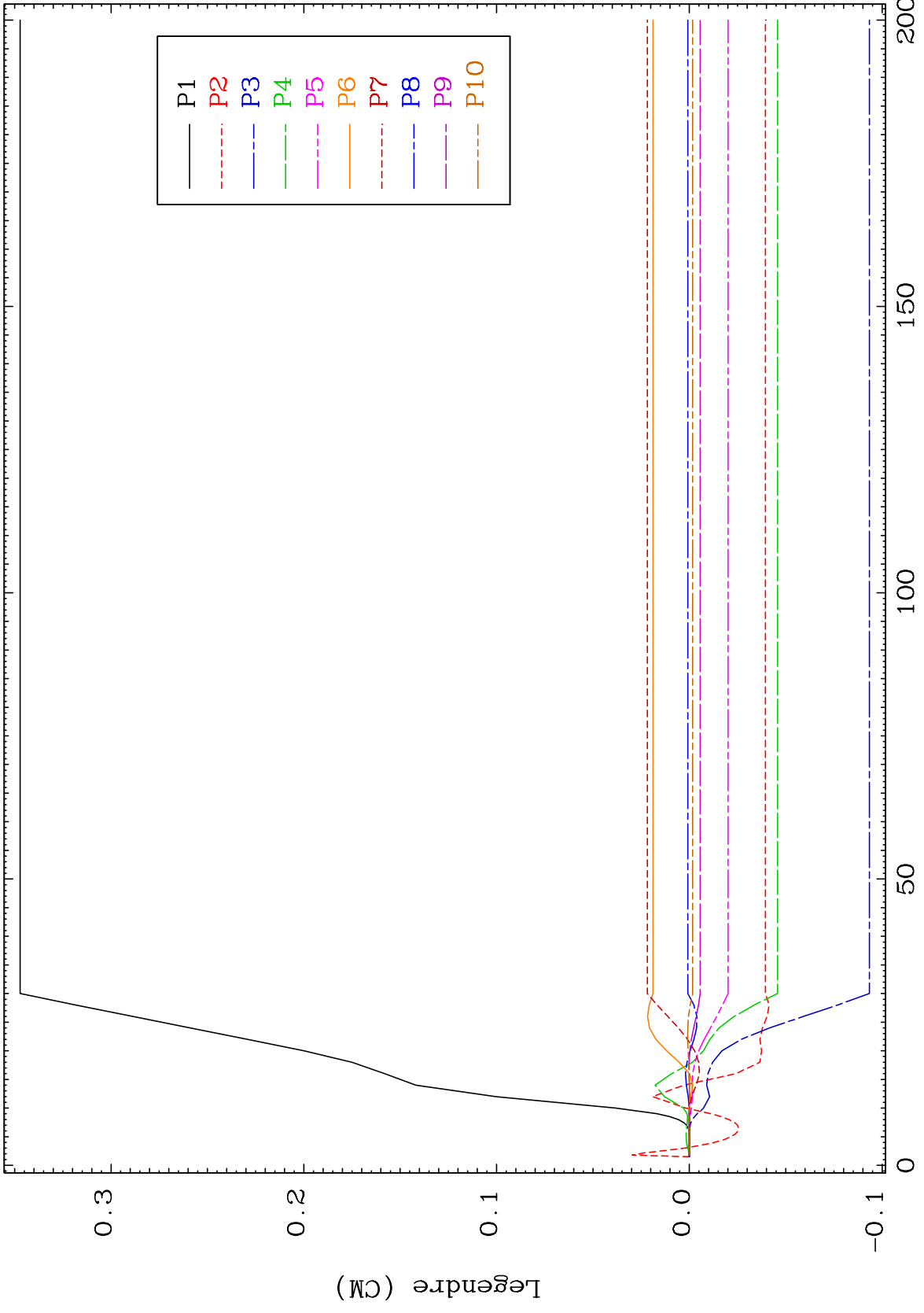
48 50 100 150 200 19-K -44

MAT 1940 MT= 61 (n,n') Level Legendre Coefficients

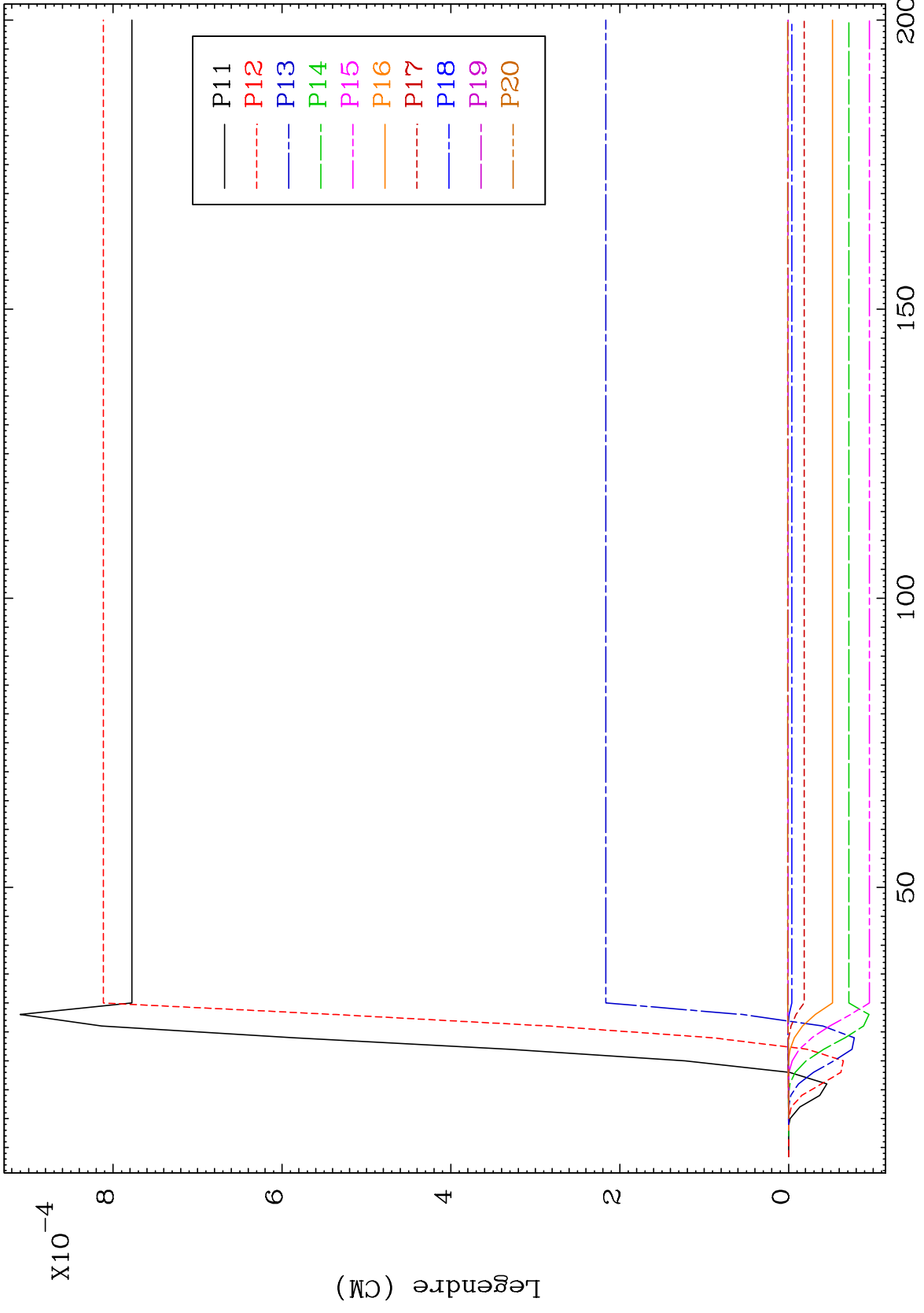
19-K -44

19-K -44

49

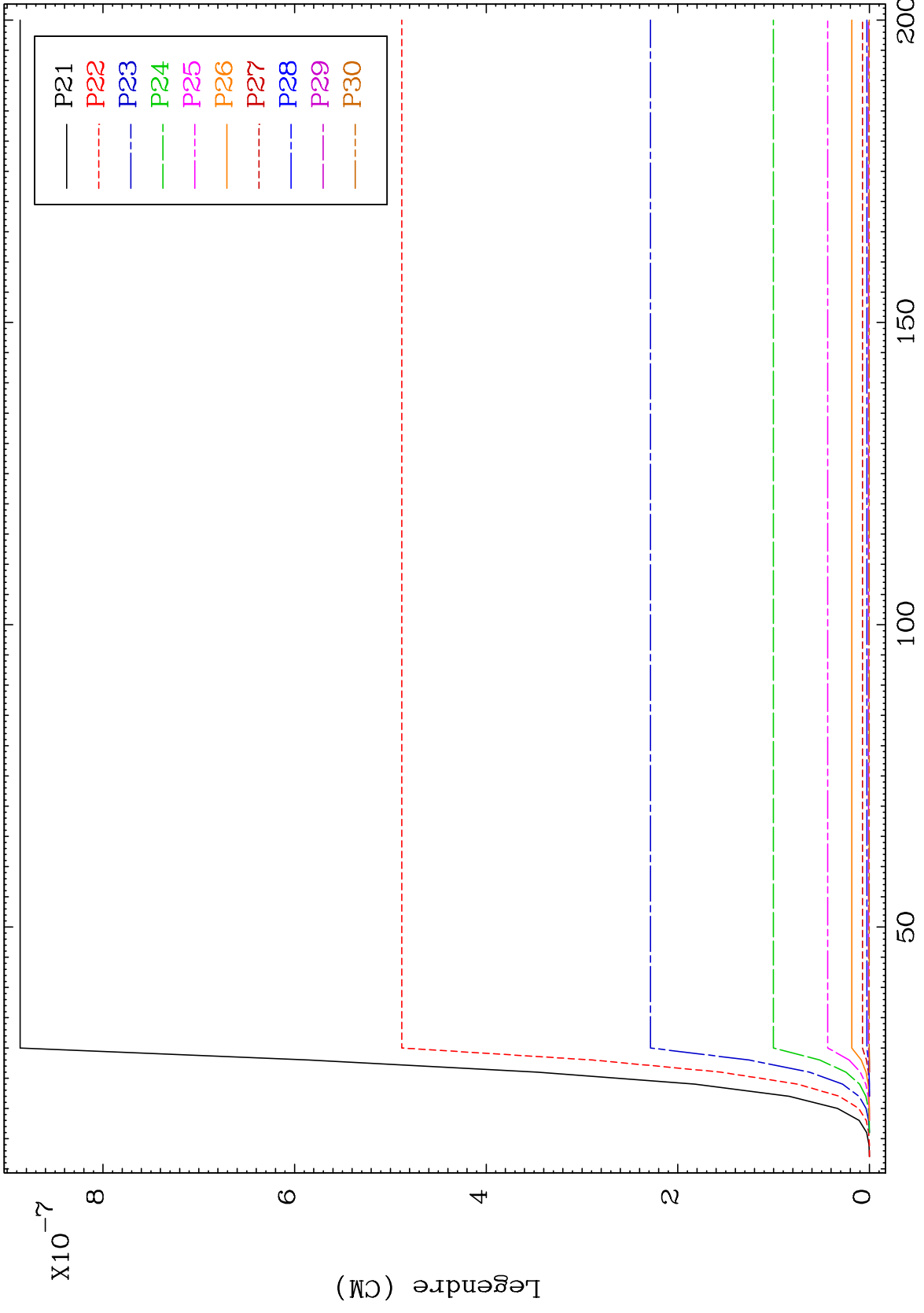


MAT 1940 MT= 61 (n,n') Level Legendre Coefficients 19-K -44



50 100 150 200 Incident Energy (MeV) 19-K -44

MAT 1940 MT= 61 (n,n') Level Legendre Coefficients 19-K -44

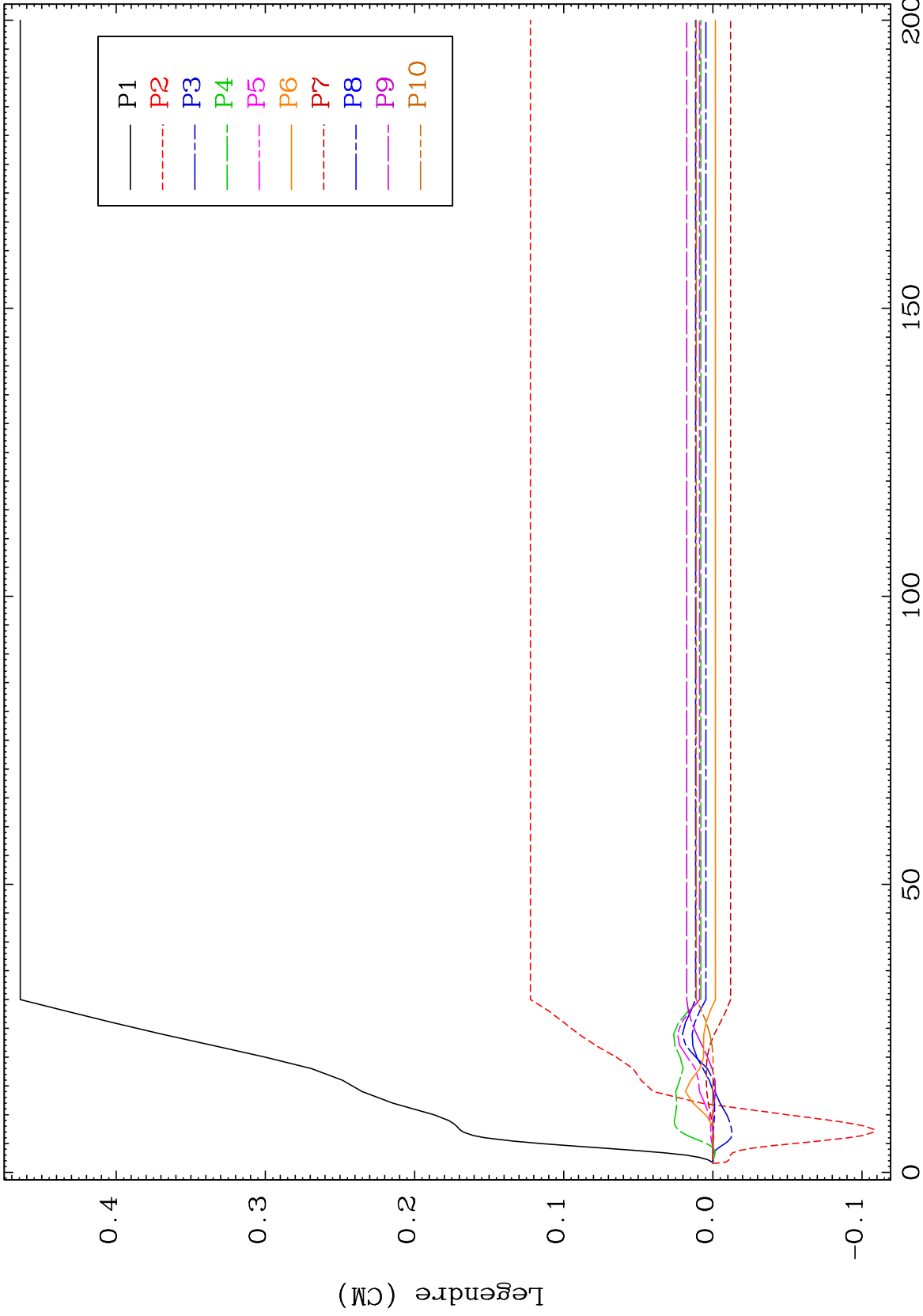


51 19-K -44

MAT 1940

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

19-K -44



52

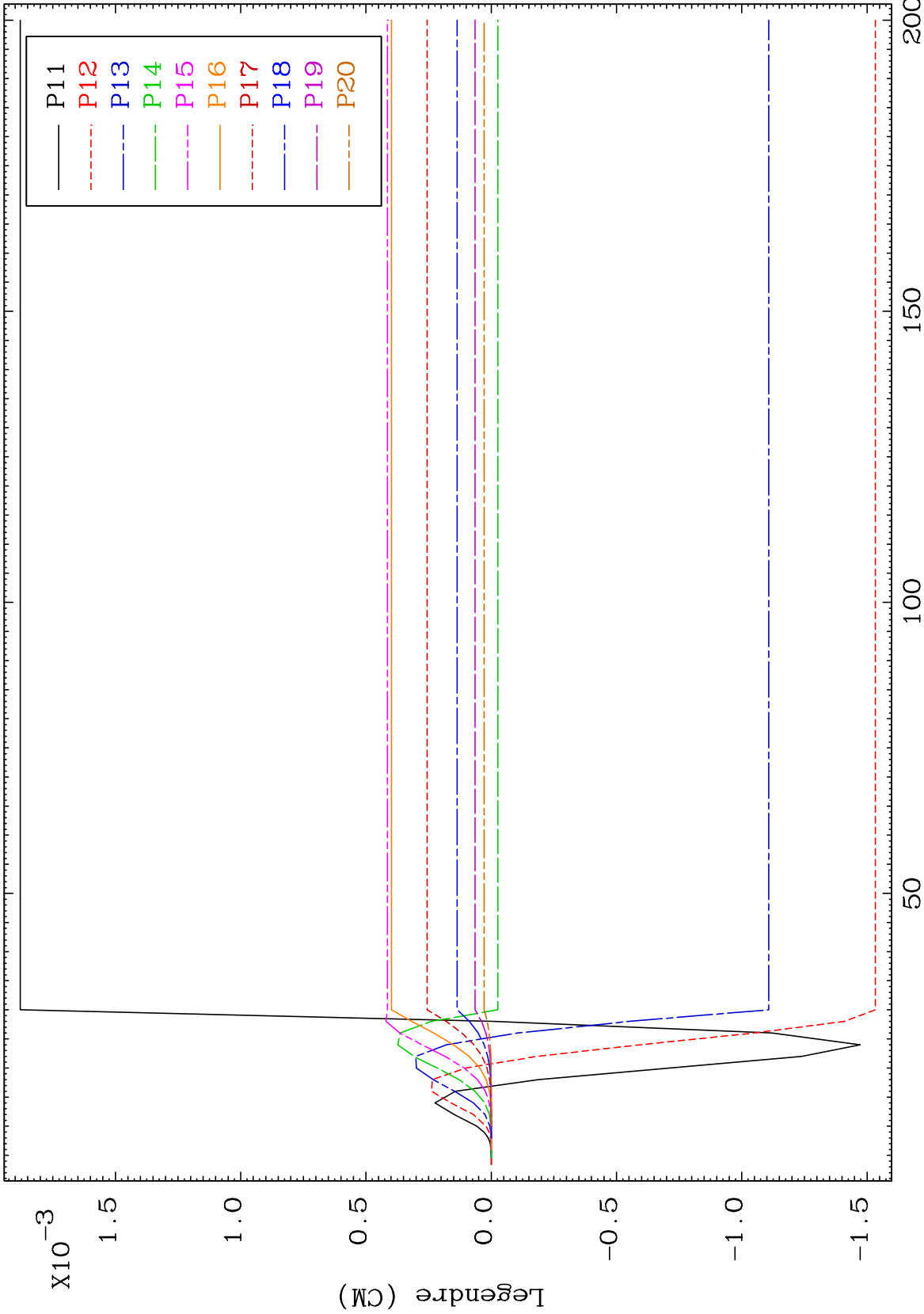
Incident Energy (MeV)

19-K -44

MAT 1940

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

19-K -44

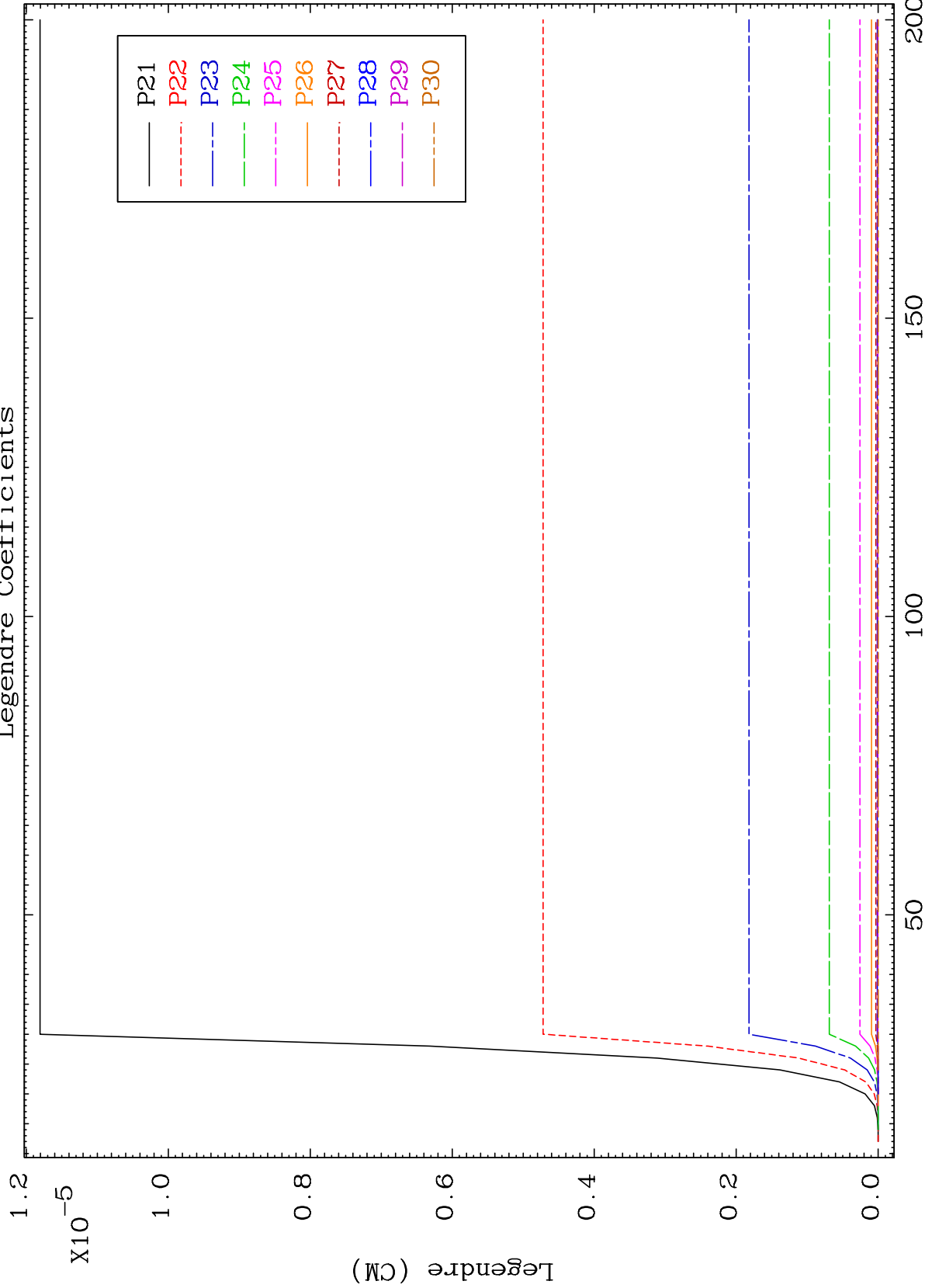


53

Incident Energy (MeV)

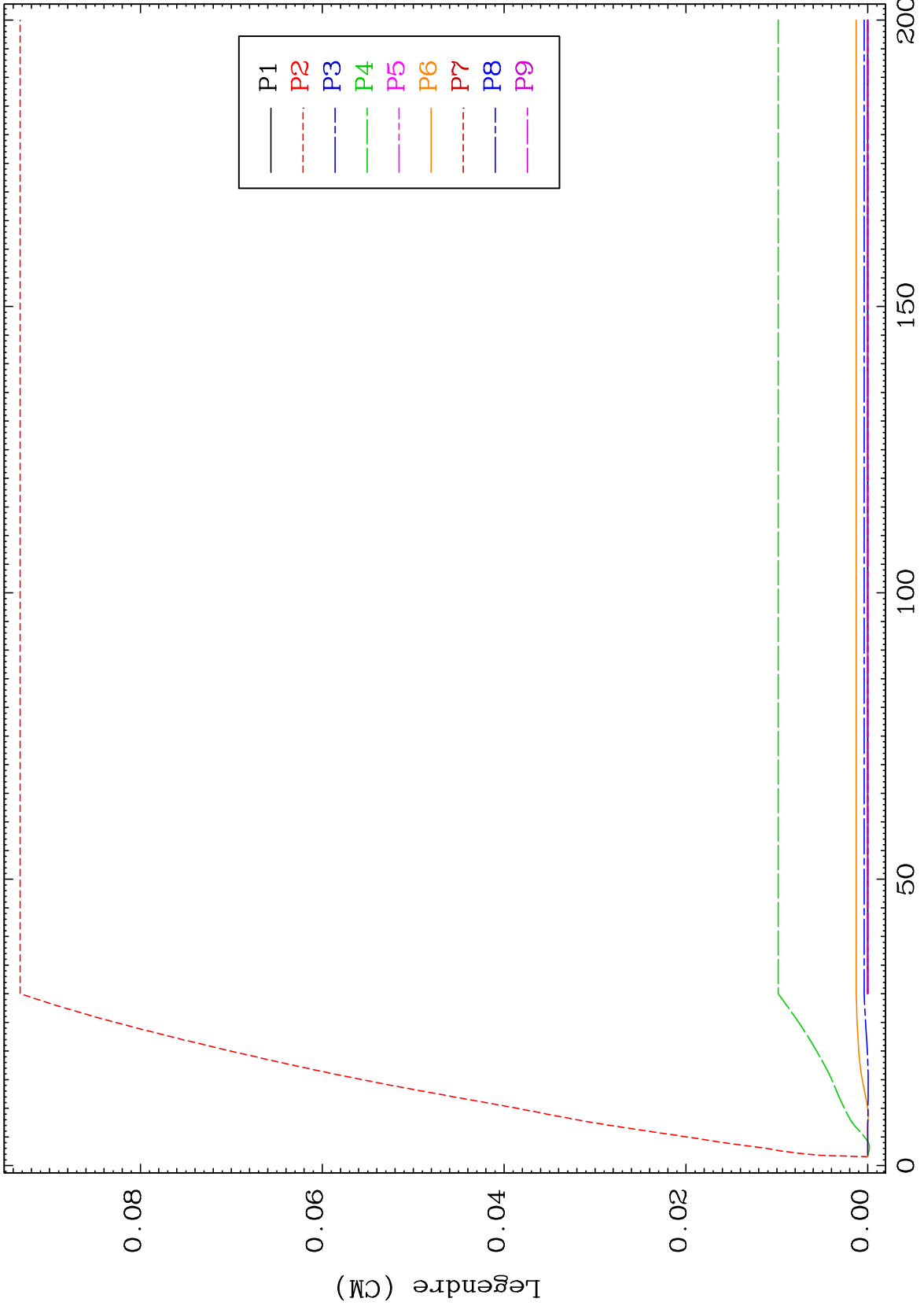
19-K -44

MAT 1940 MT= 62 (n,n') Level Legendre Coefficients 19-K -44



54 Incident Energy (MeV) 19-K -44

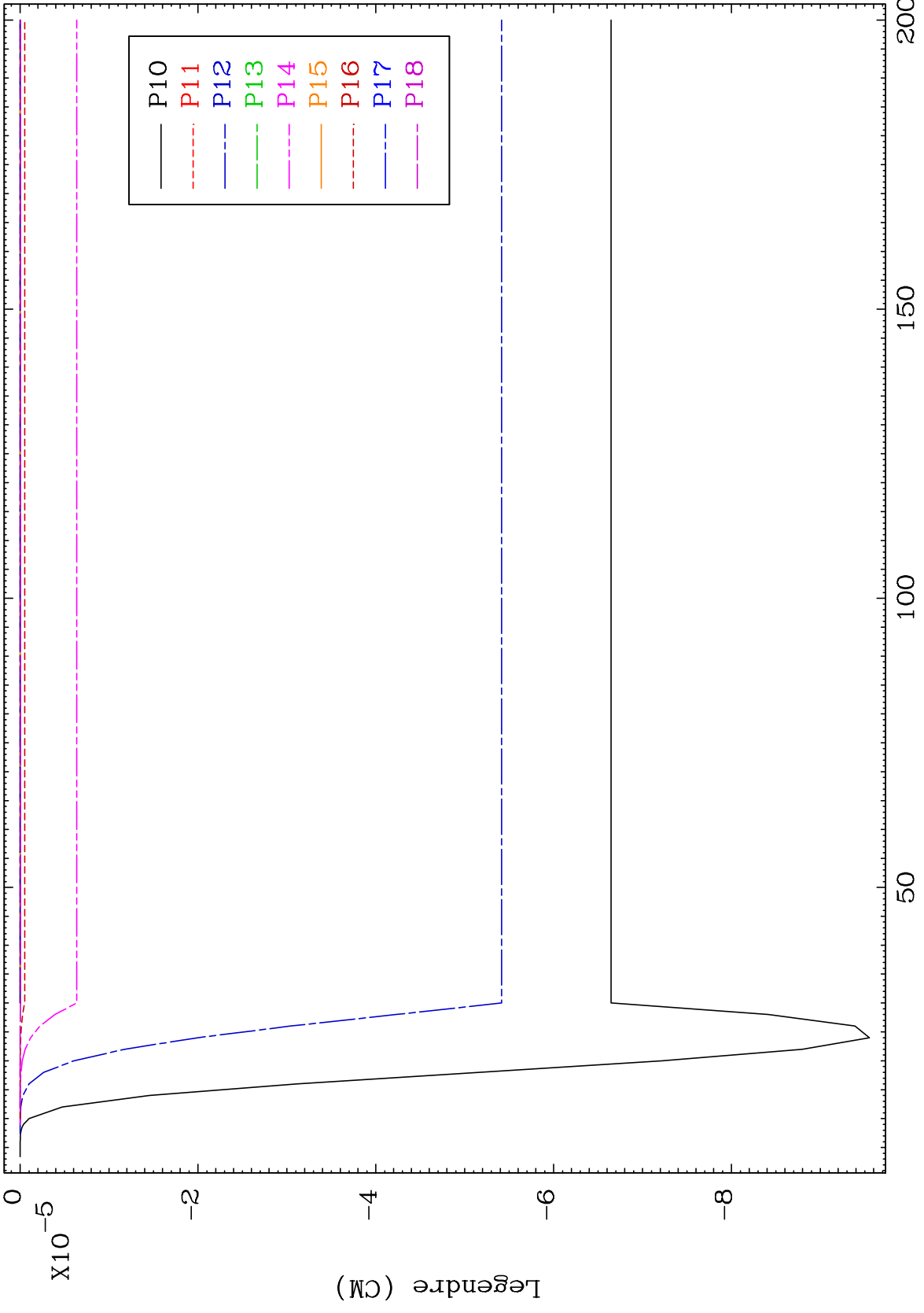
MAT 1940 MT= 63 (n,n') Level Legendre Coefficients 19-K -44



55 Incident Energy (MeV) 19-K -44

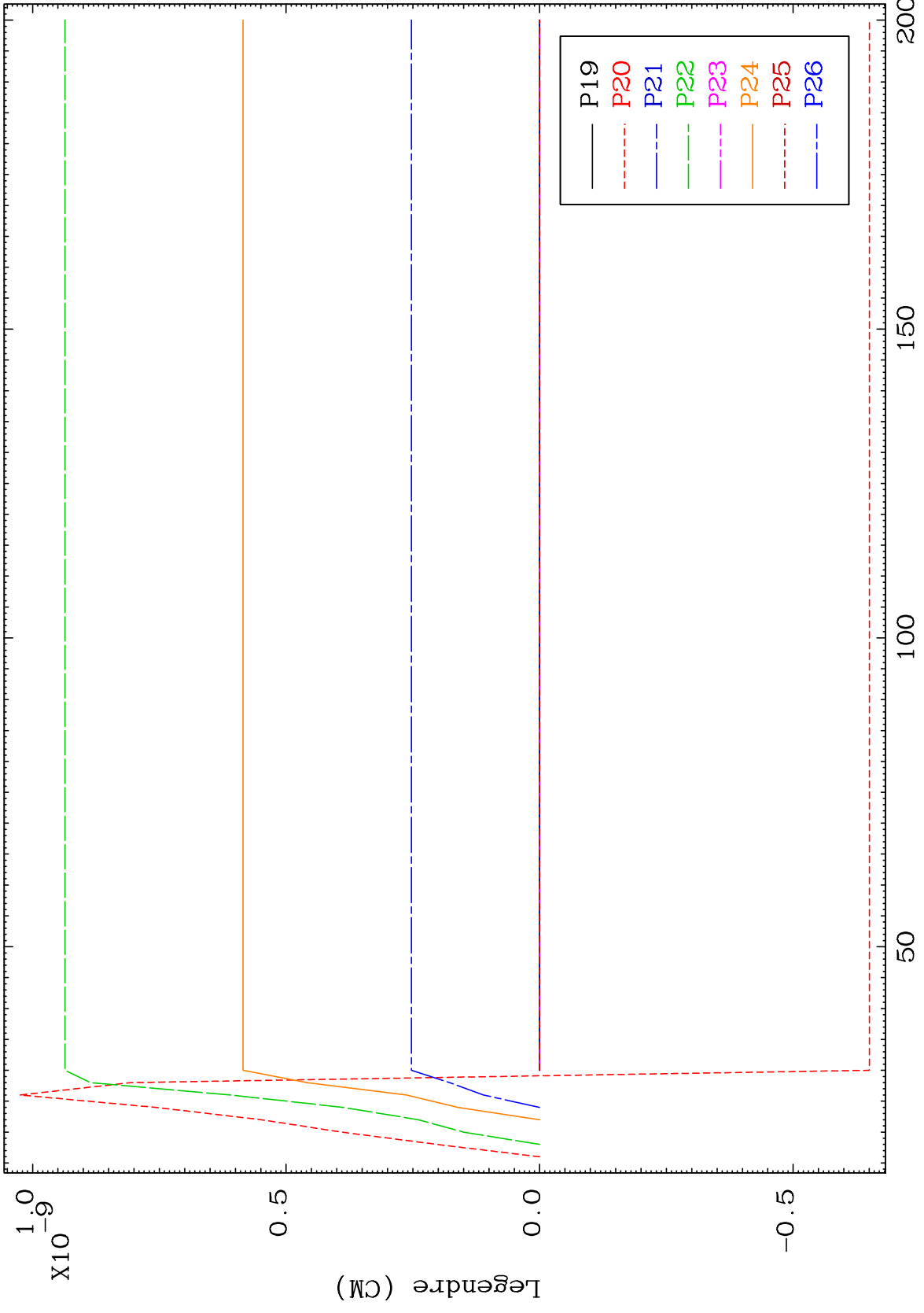


MAT 1940 MT= 63 (n,n') Level Legendre Coefficients 19-K -44

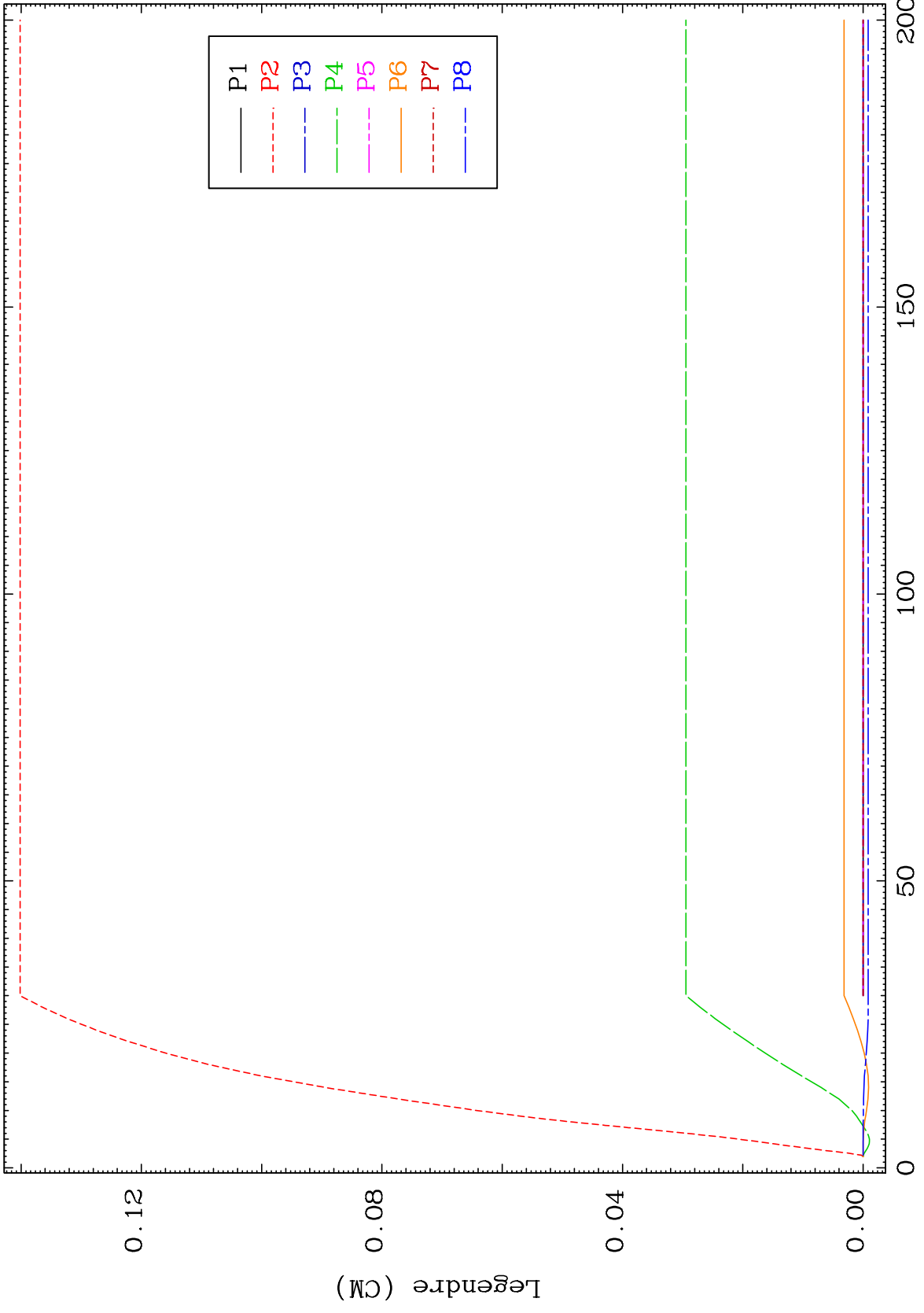


56 19-K -44

MAT 1940 MT= 63 (n,n') Level Legendre Coefficients 19-K -44

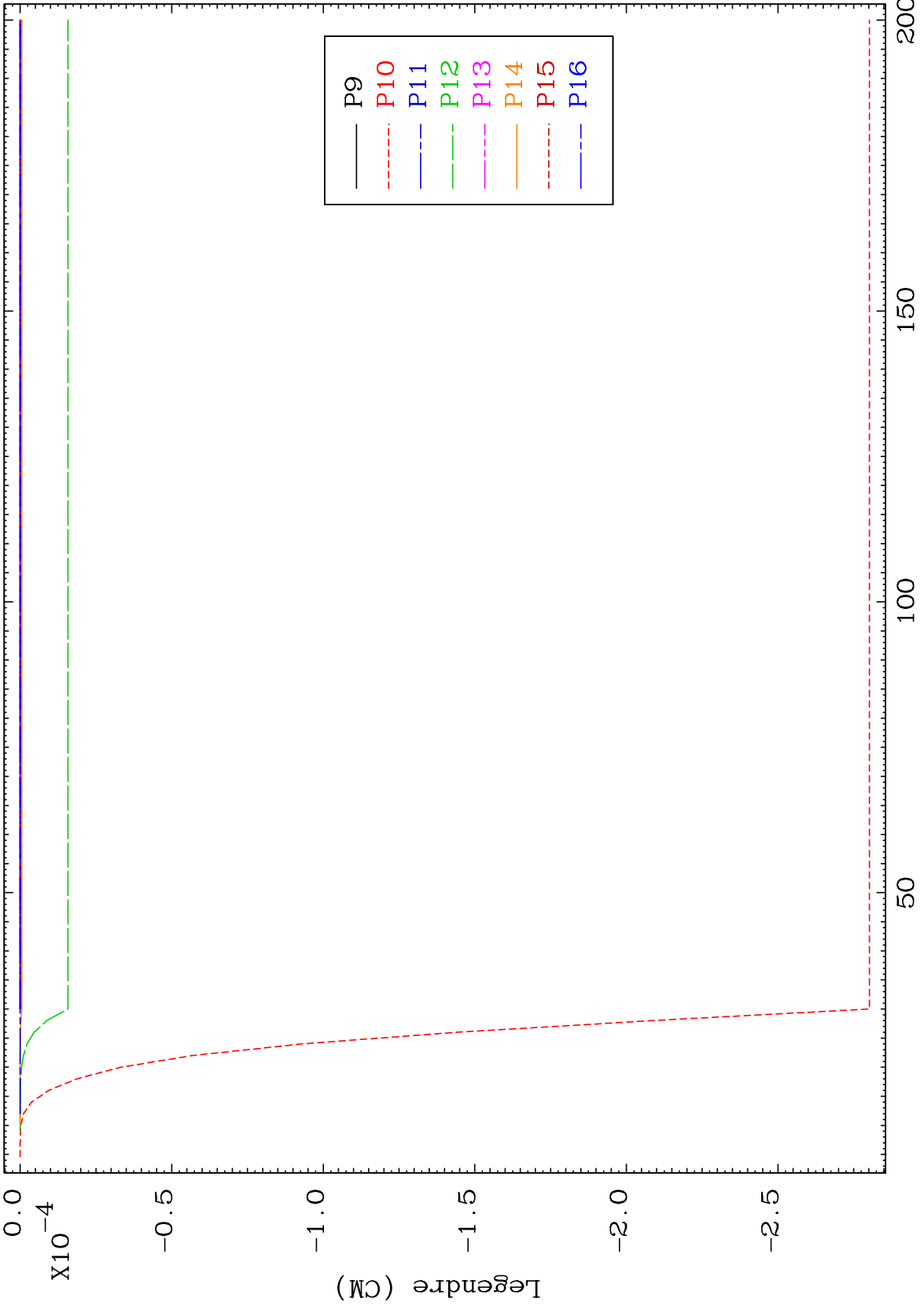


MAT 1940 MT= 64 (n,n') Level Legendre Coefficients 19-K -44

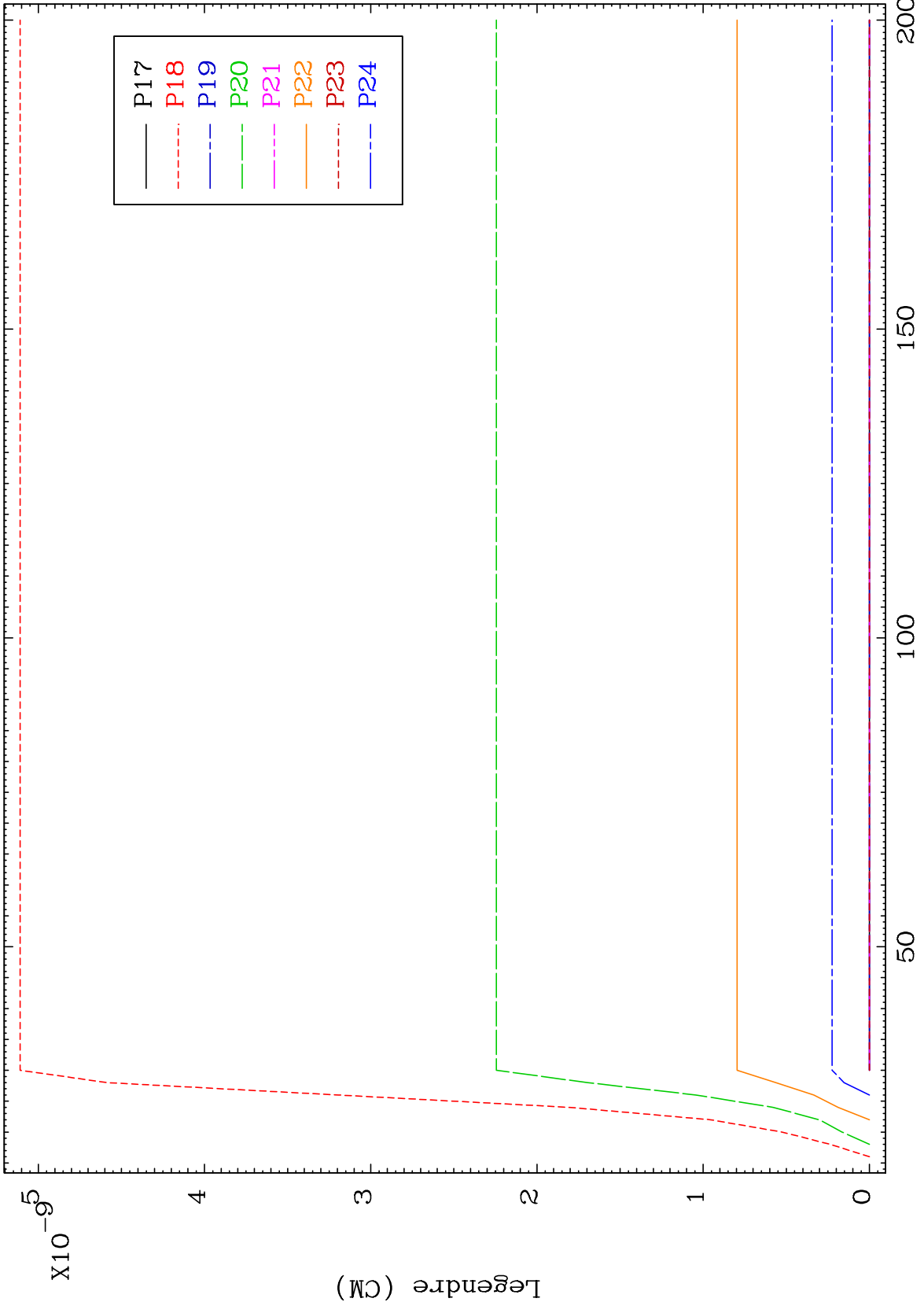


58 19-K -44

MAT 1940 MT= 64 (n,n') Level Legendre Coefficients 19-K -44



MAT 1940 MT= 64 (n,n') Level Legendre Coefficients 19-K -44

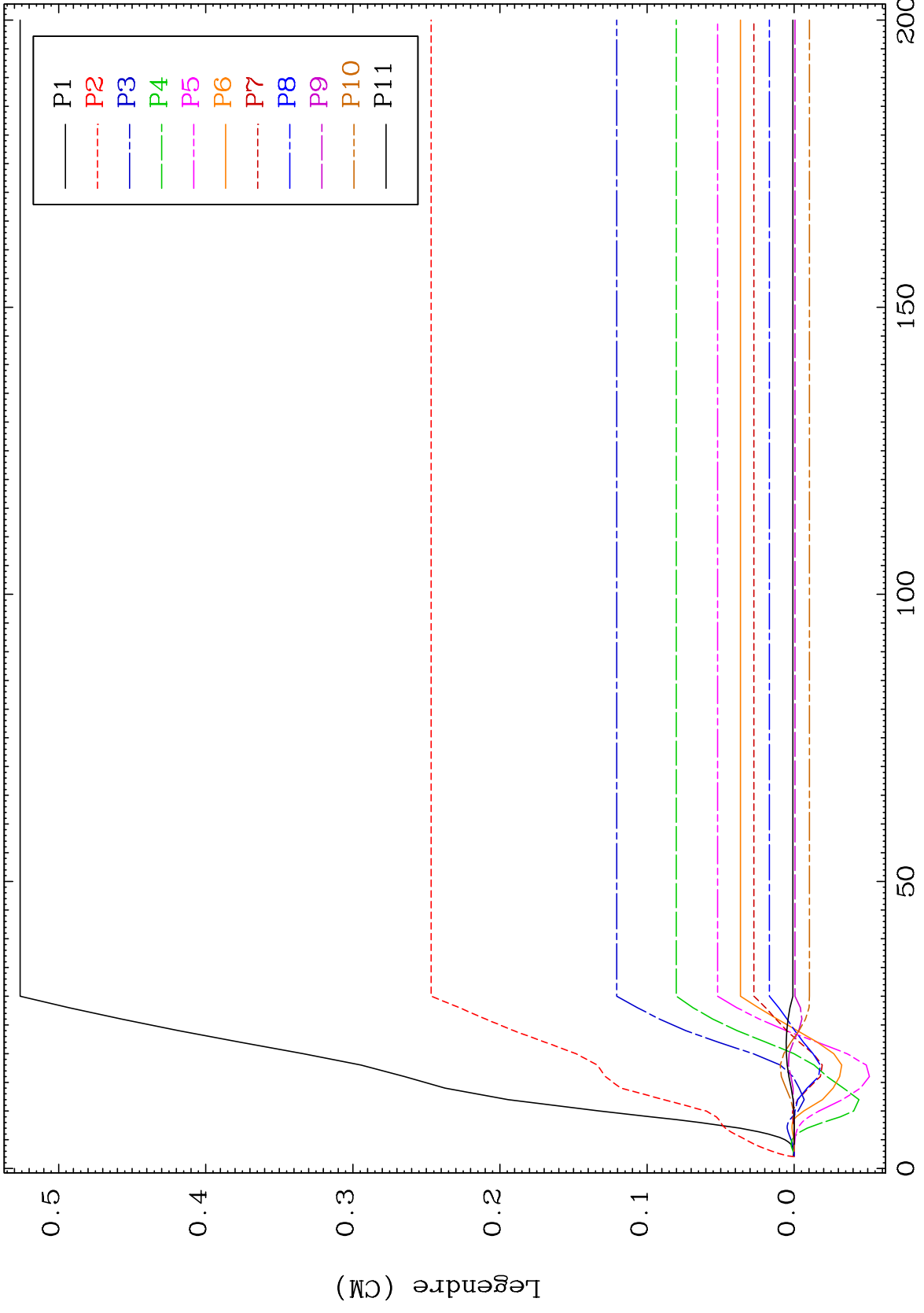


60 50 100 150 200 19-K -44

MAT 1940

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

19-K -44

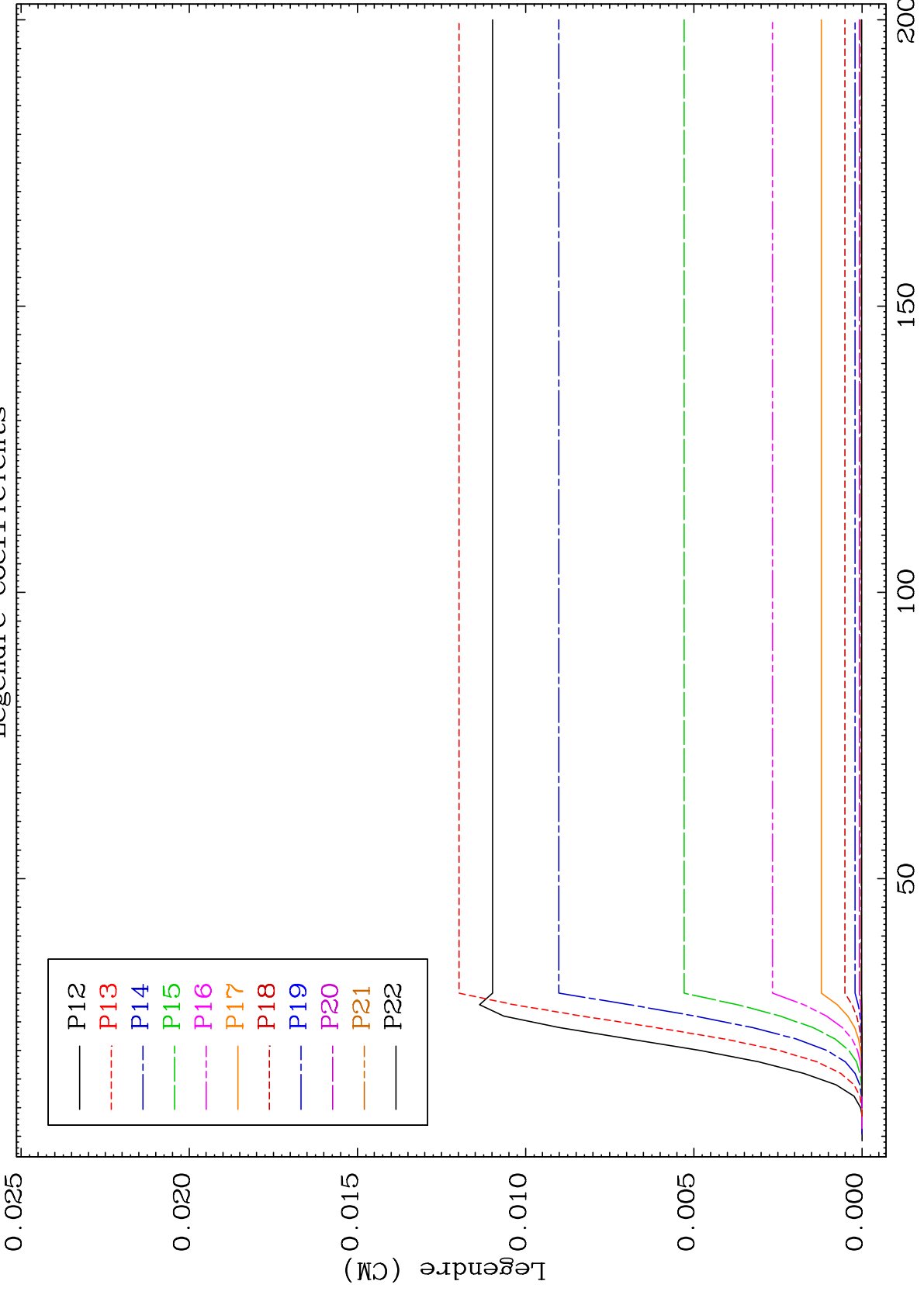


61

Incident Energy (MeV)

19-K -44

MAT 1940 MT= 65 (n,n') Level Legendre Coefficients 19-K -44

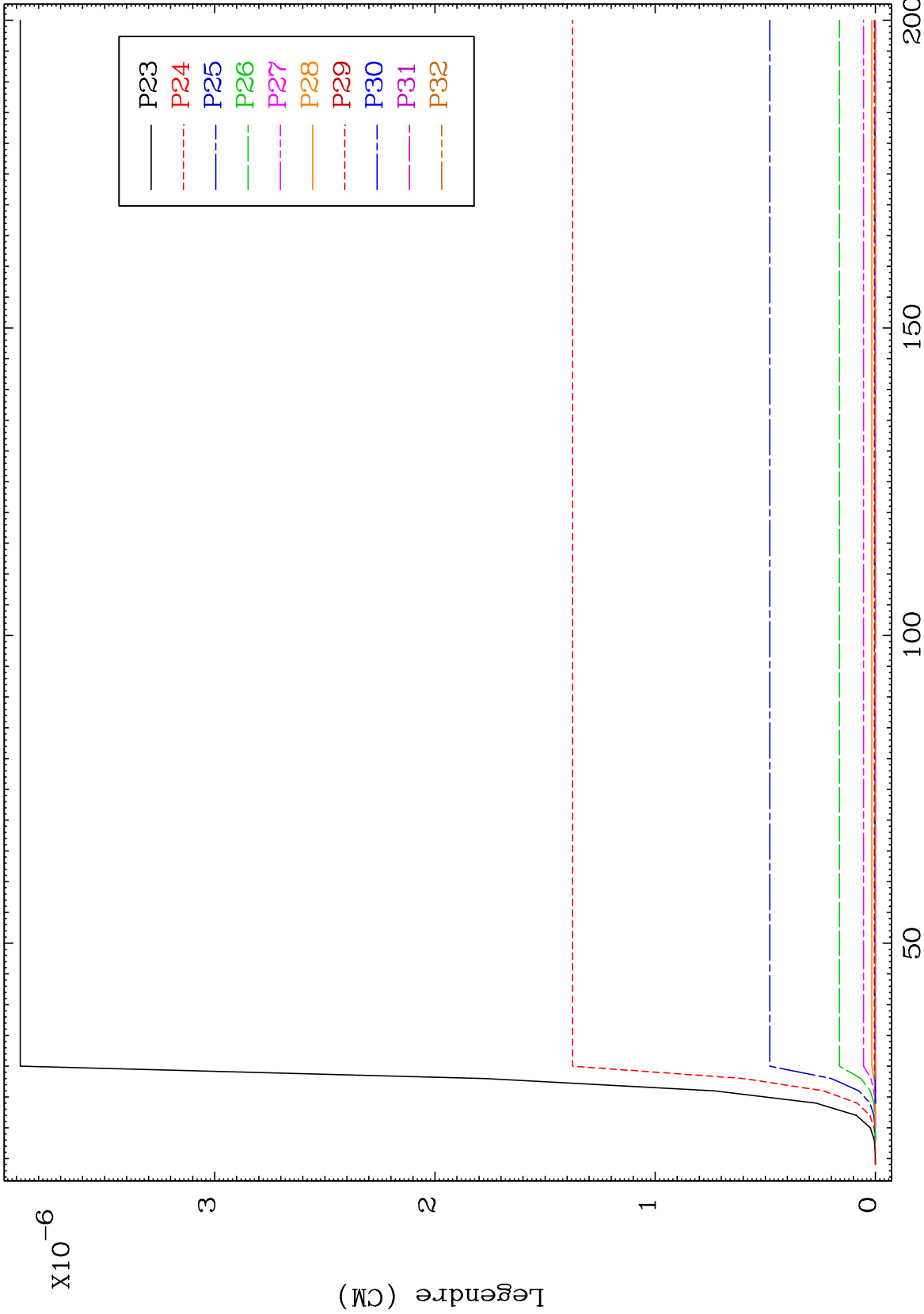


62 19-K -44

MAT 1940

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

19-K -44



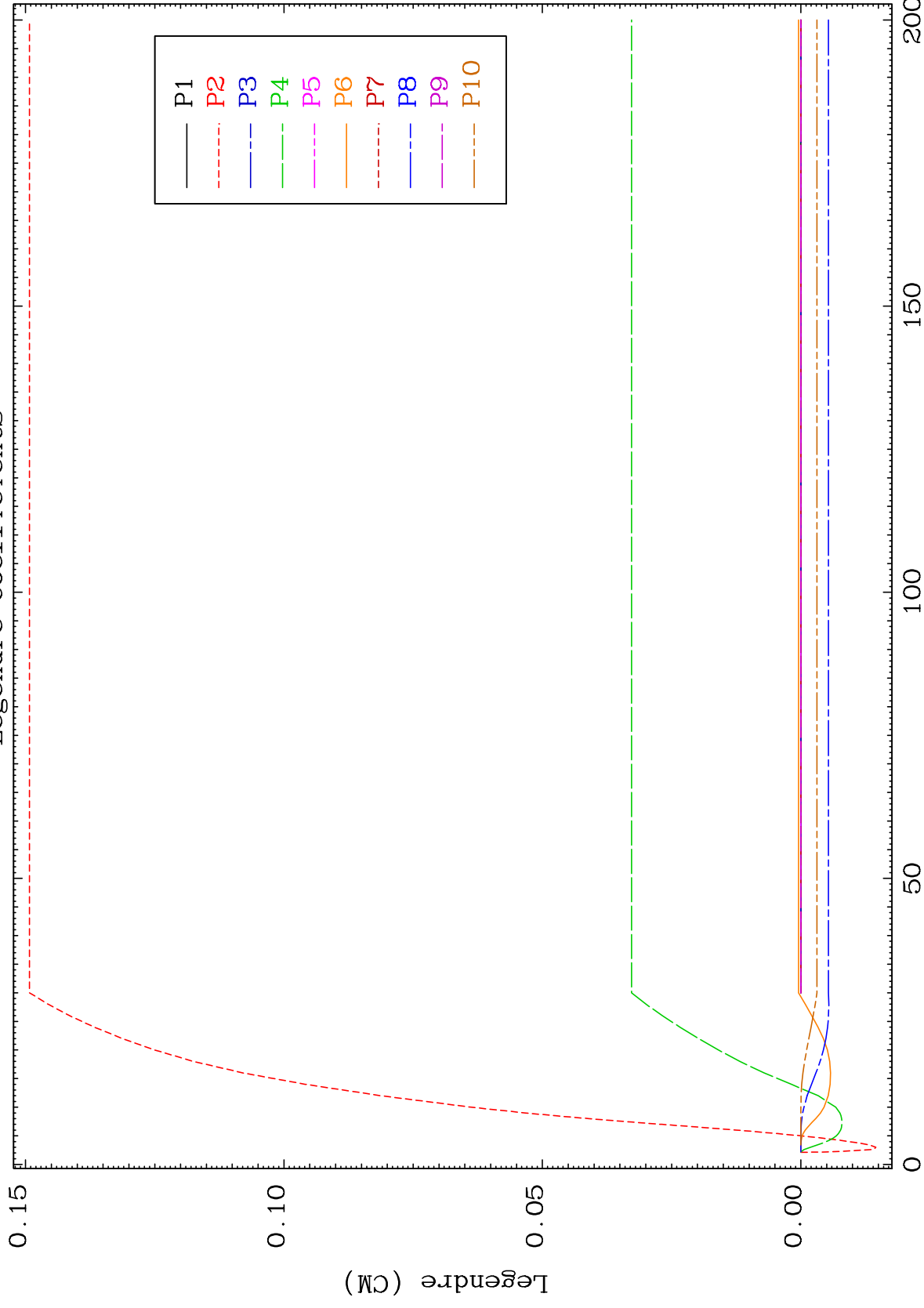
63

19-K -44



MAT 1940 MT= 66 (n,n') Level Legendre Coefficients

19-K -44

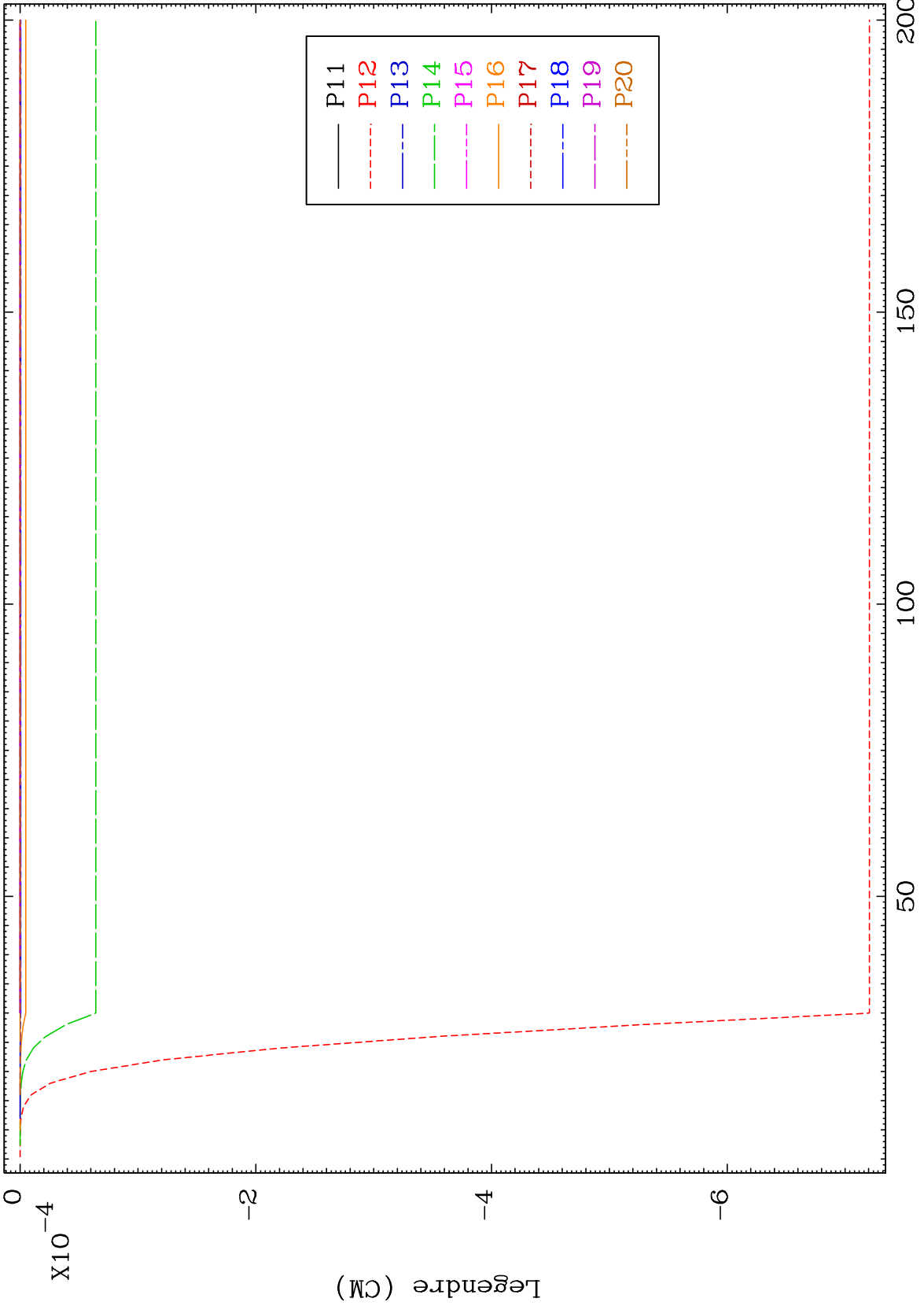


19-K -44

Incident Energy (MeV)

64

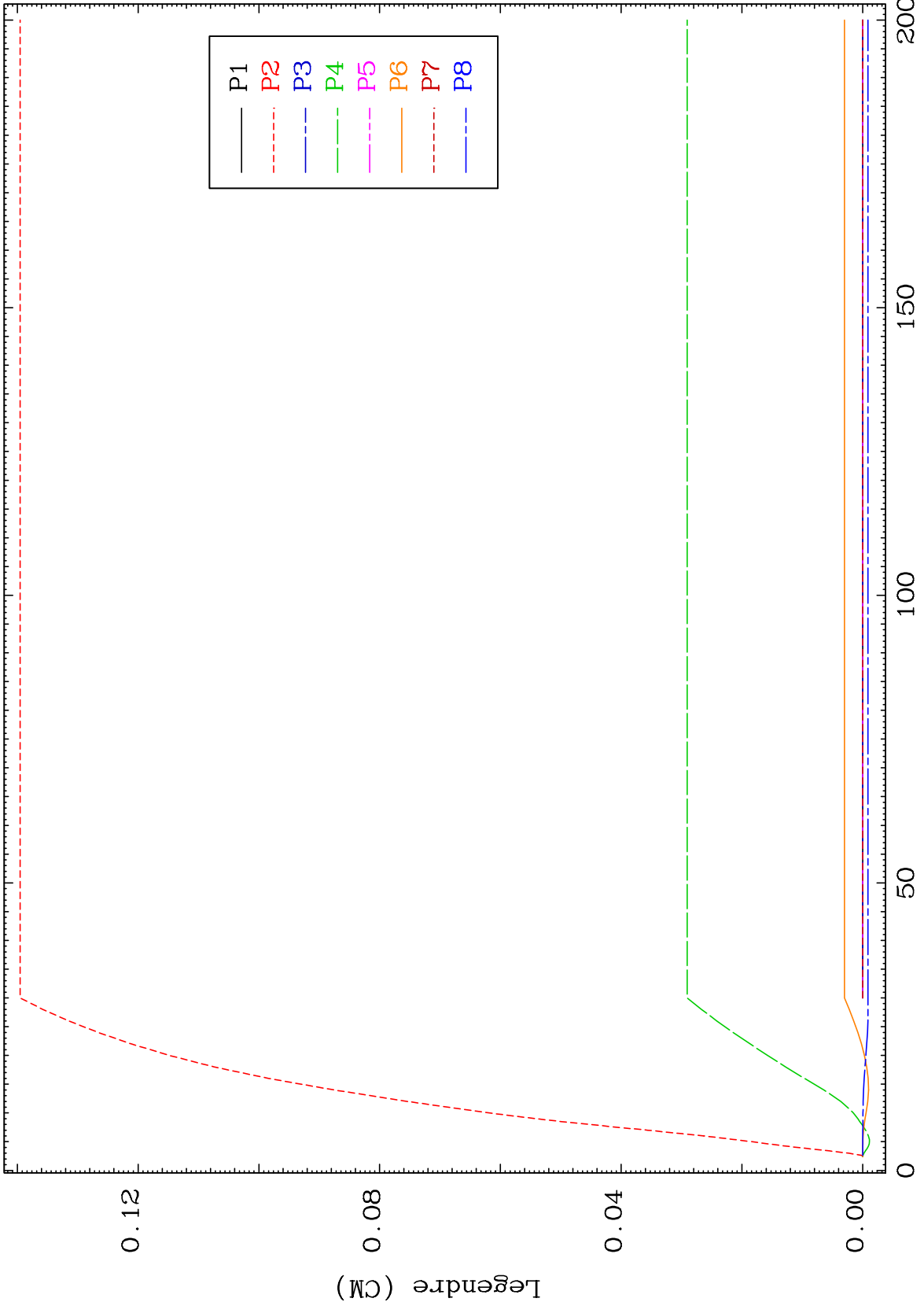
MAT 1940 MT= 66 (n,n') Level Legendre Coefficients 19-K -44



65 19-K -44

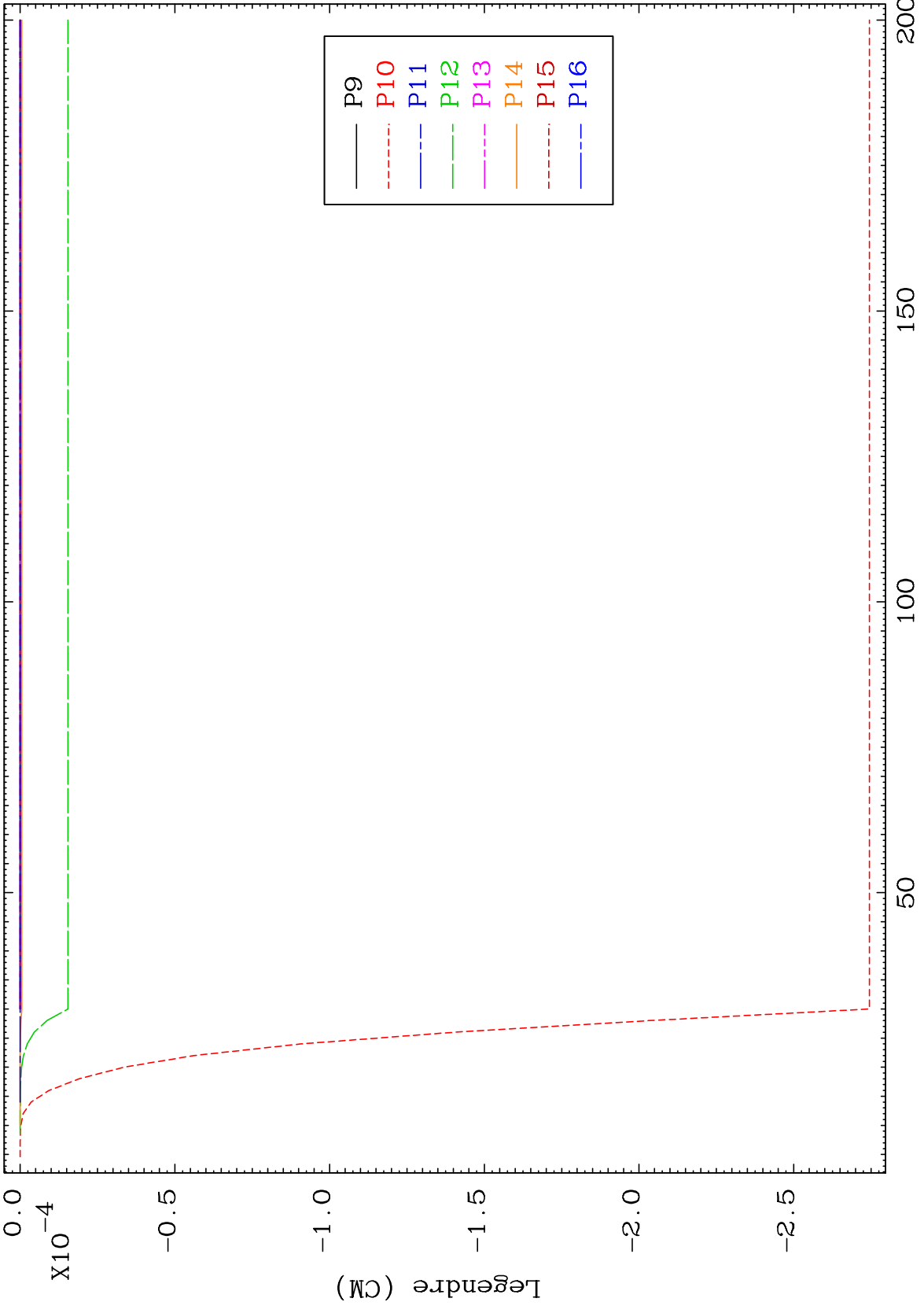


MAT 1940 MT= 67 (n,n') Level Legendre Coefficients 19-K -44



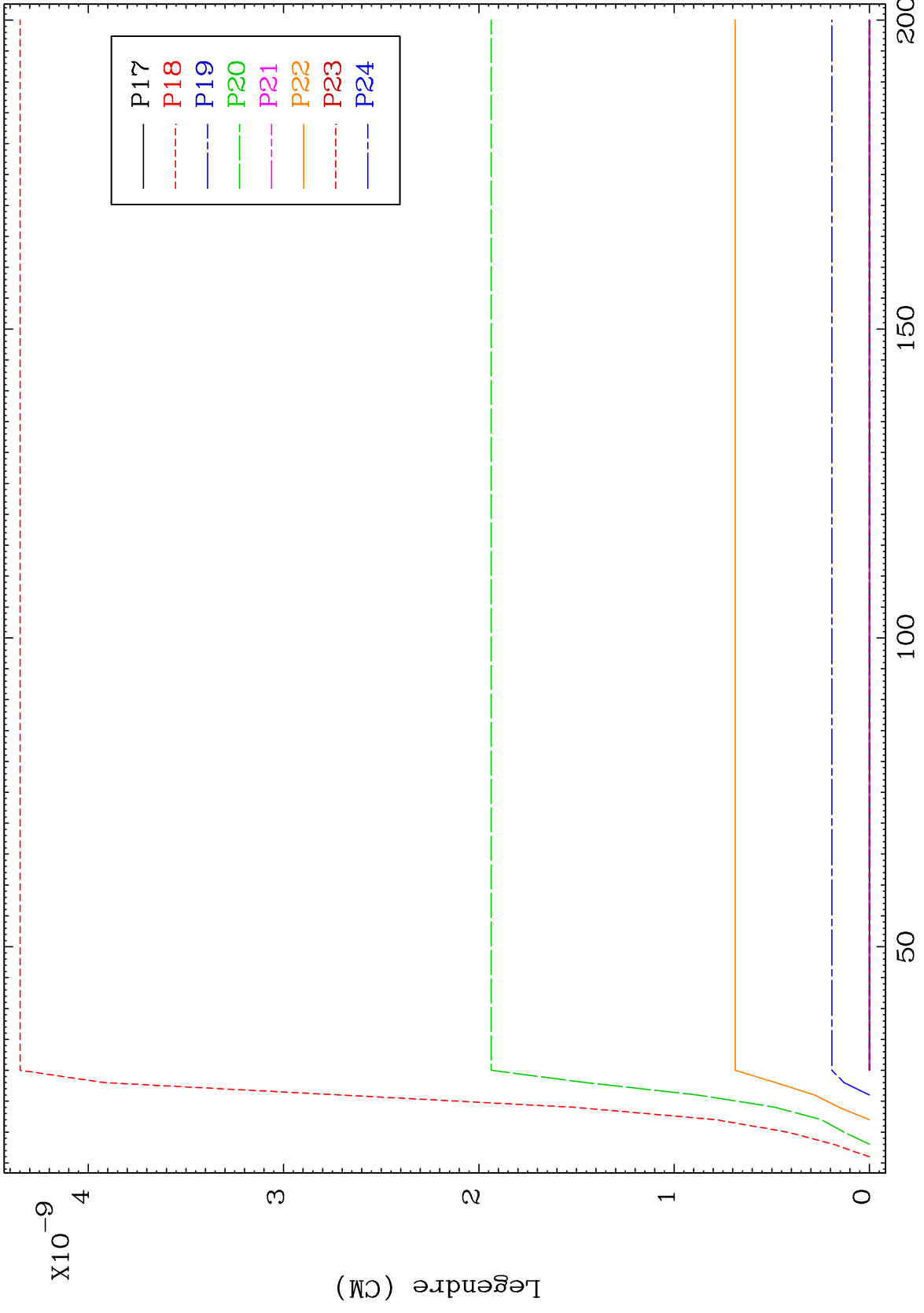
67 19-K -44

MAT 1940 MT= 67 (n,n') Level Legendre Coefficients 19-K -44

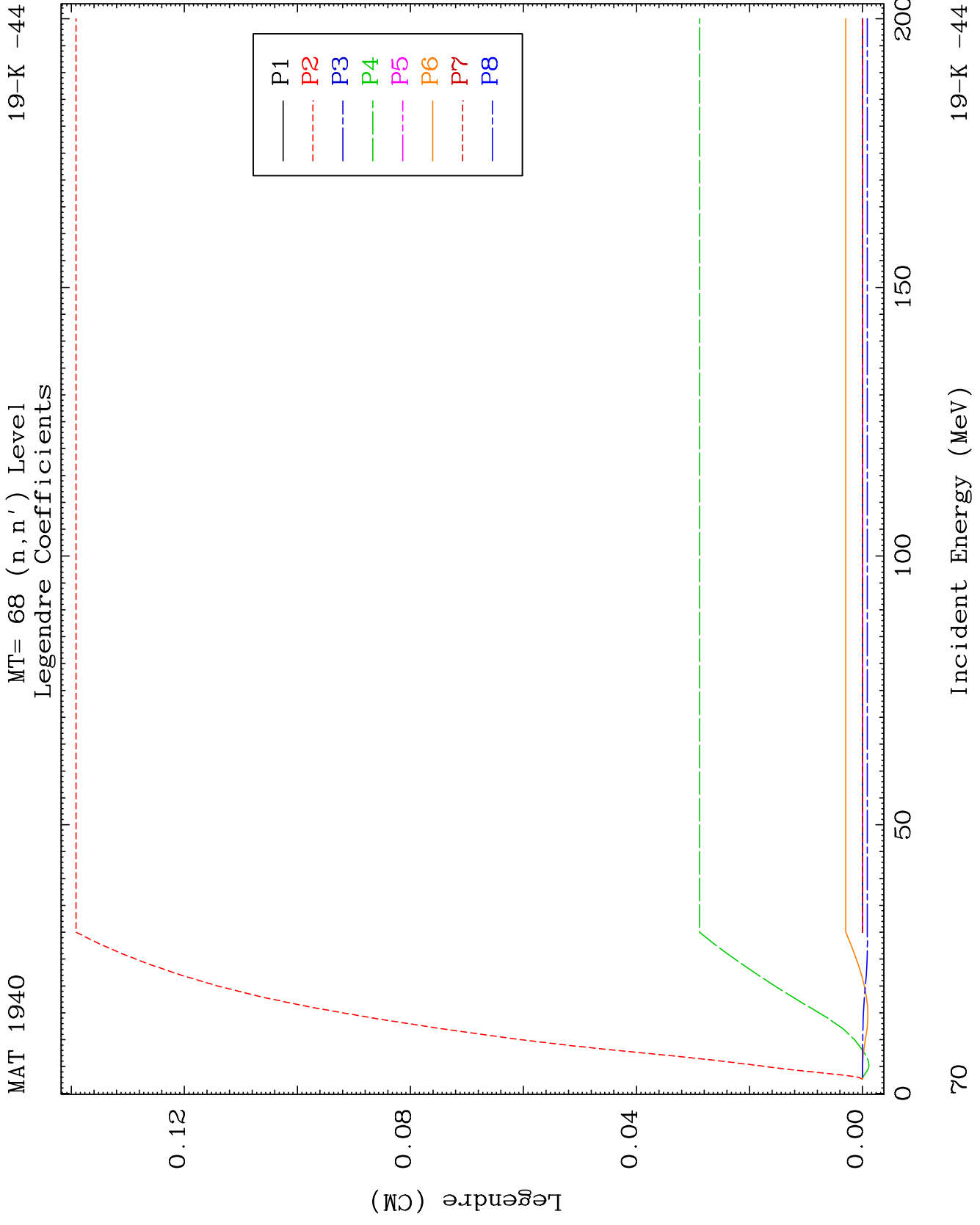


68 19-K -44

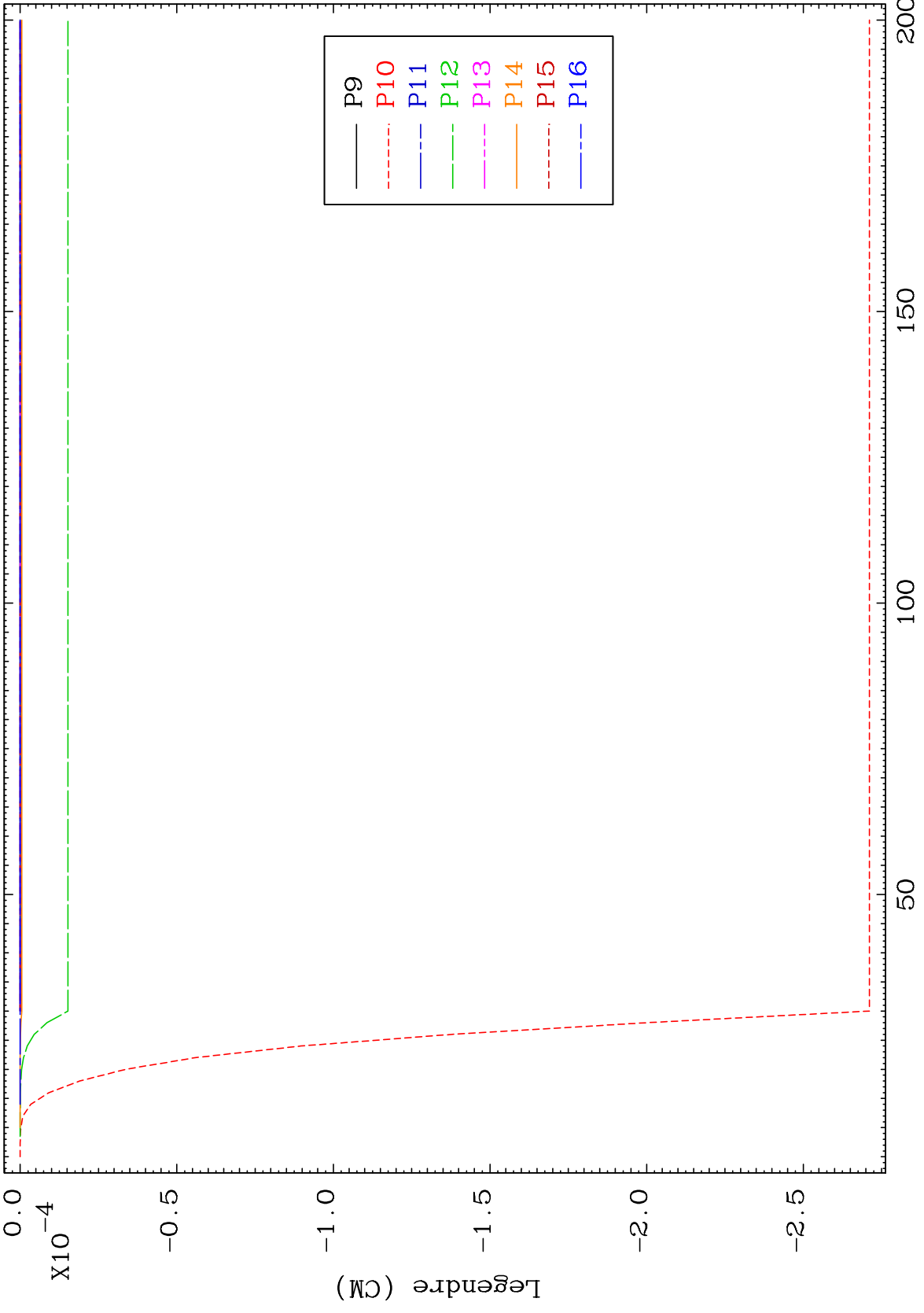
MAT 1940 MT= 67 (n,n') Level Legendre Coefficients 19-K -44



69 Incident Energy (MeV) 19-K -44

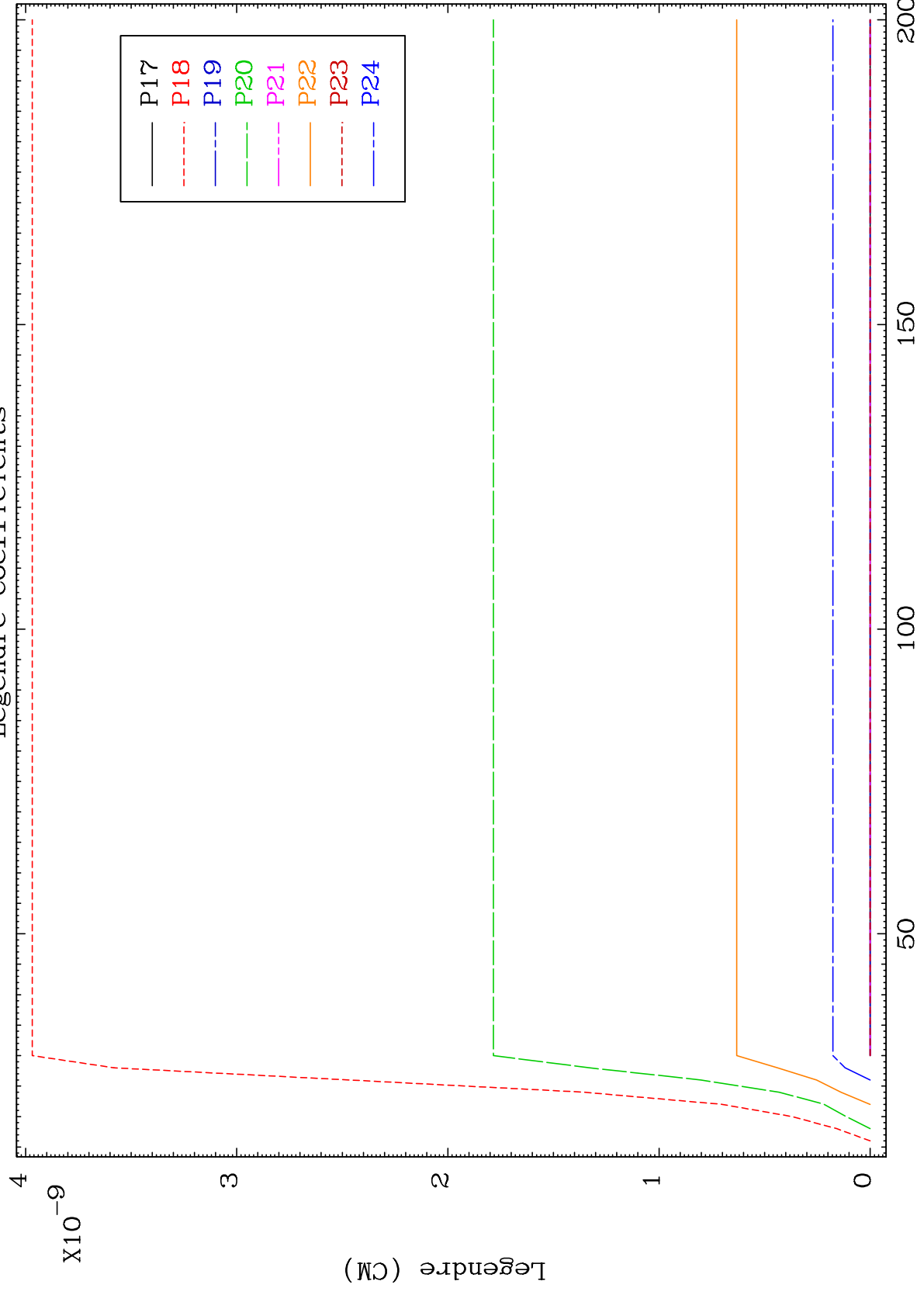


MAT 1940 MT= 68 (n,n') Level Legendre Coefficients 19-K -44





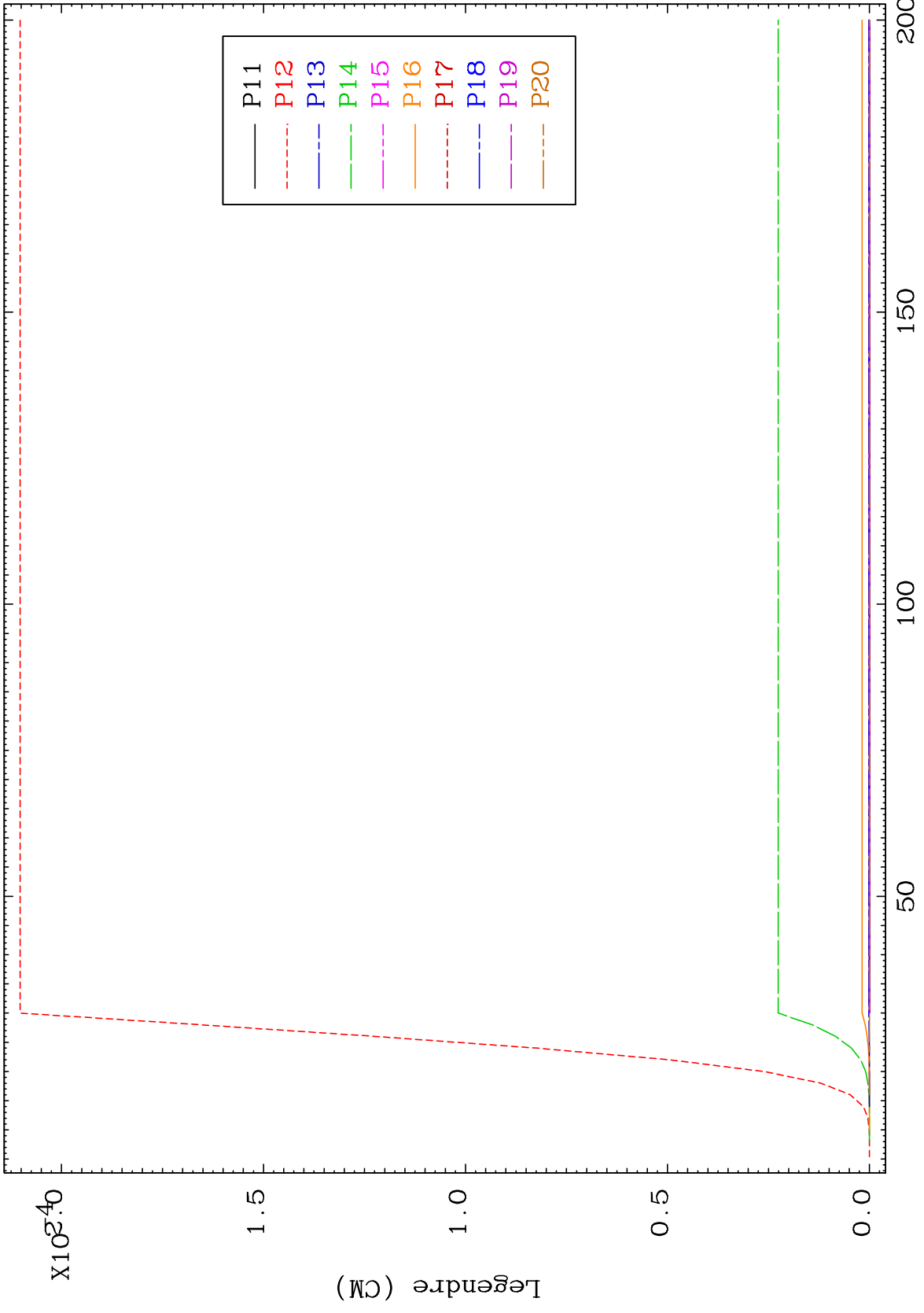
MAT 1940 MT= 68 (n,n') Level Legendre Coefficients 19-K -44



72 19-K -44

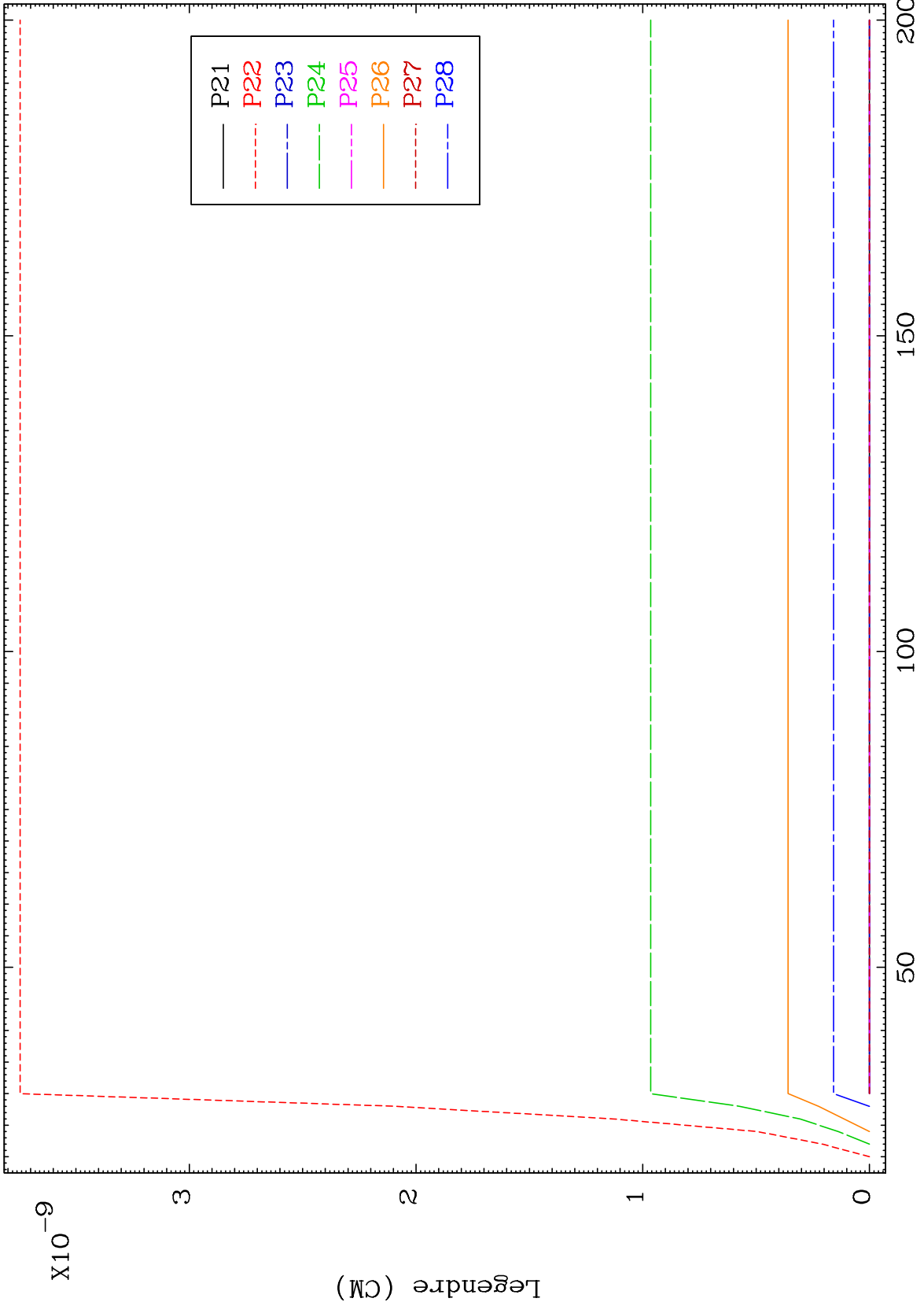


MAT 1940 MT= 69 (n,n') Level Legendre Coefficients 19-K -44



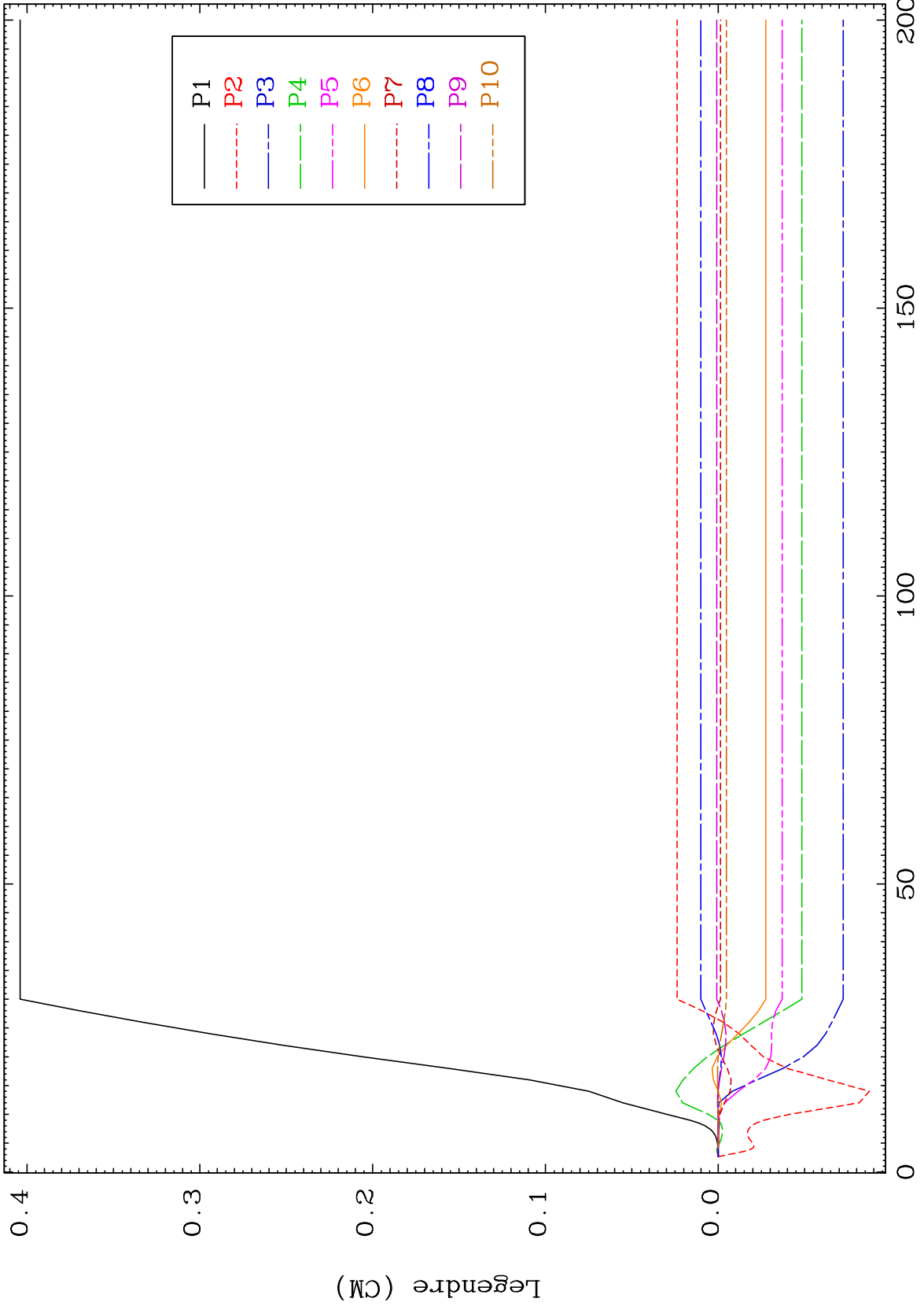
74 19-K -44

MAT 1940 MT= 69 (n,n') Level Legendre Coefficients 19-K -44



75 50 100 150 200 19-K -44

MAT 1940 MT= 70 (n,n') Level Legendre Coefficients 19-K -44

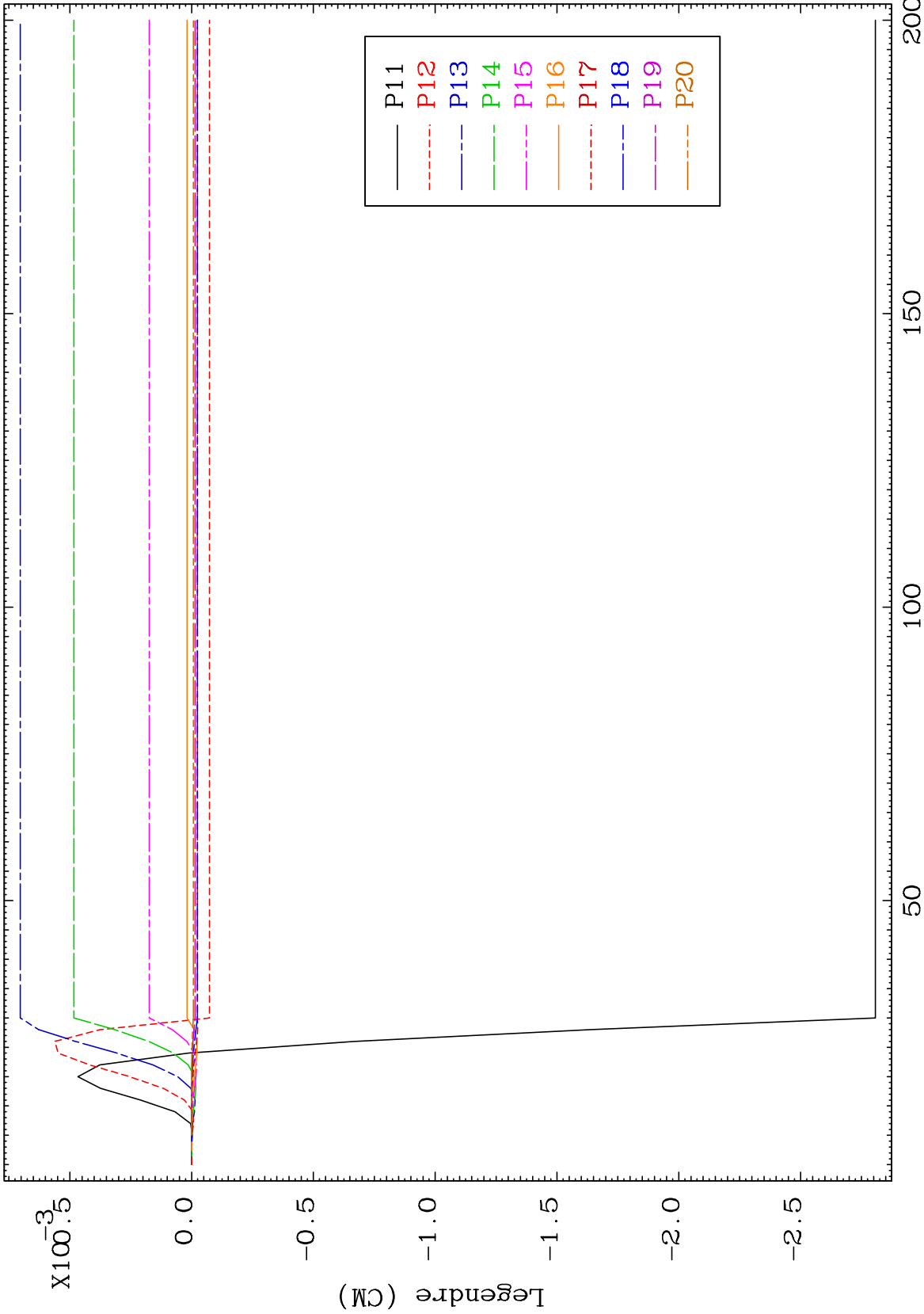


76 19-K -44

MAT 1940

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

19-K -44

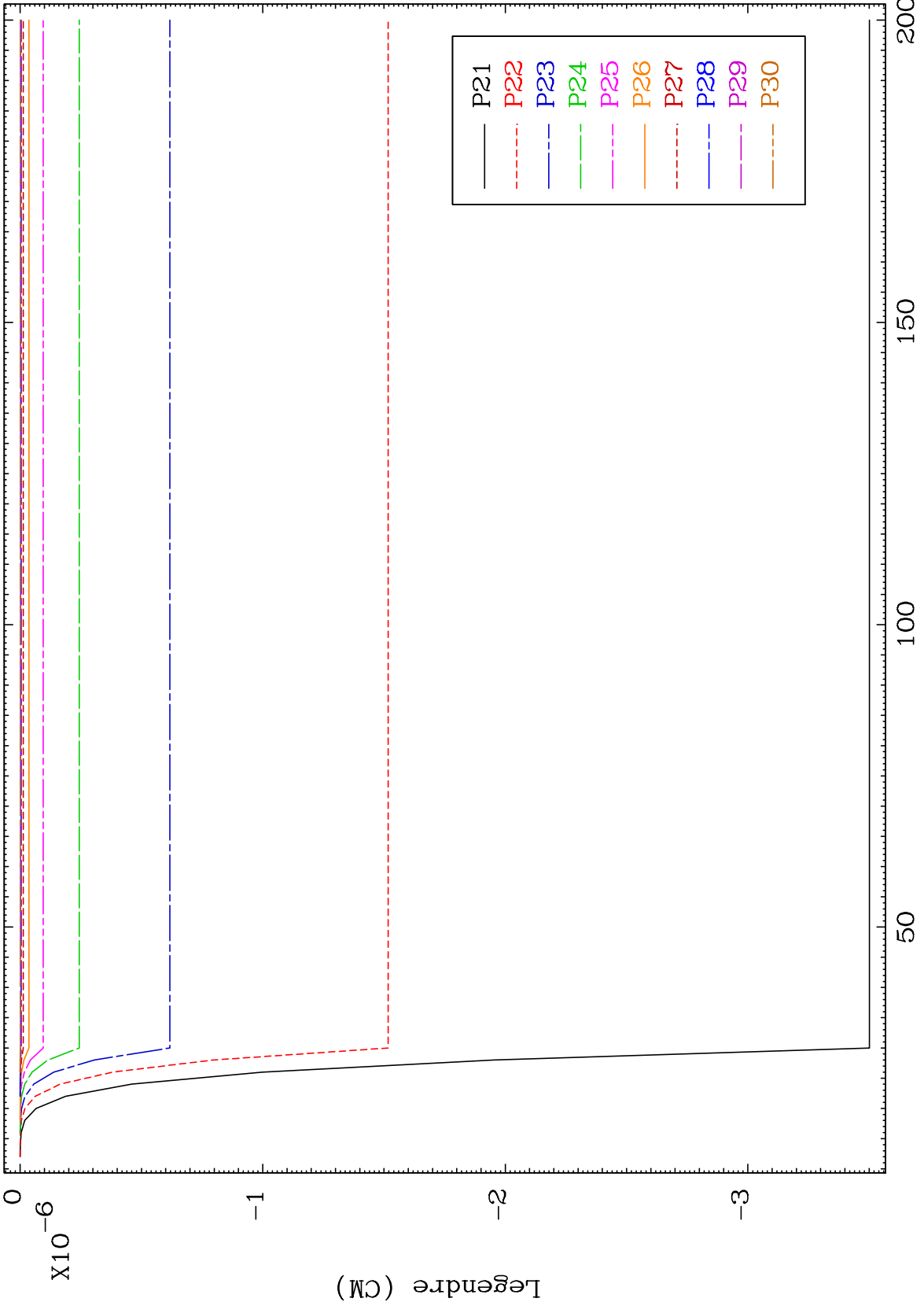


19-K -44

Incident Energy (MeV)

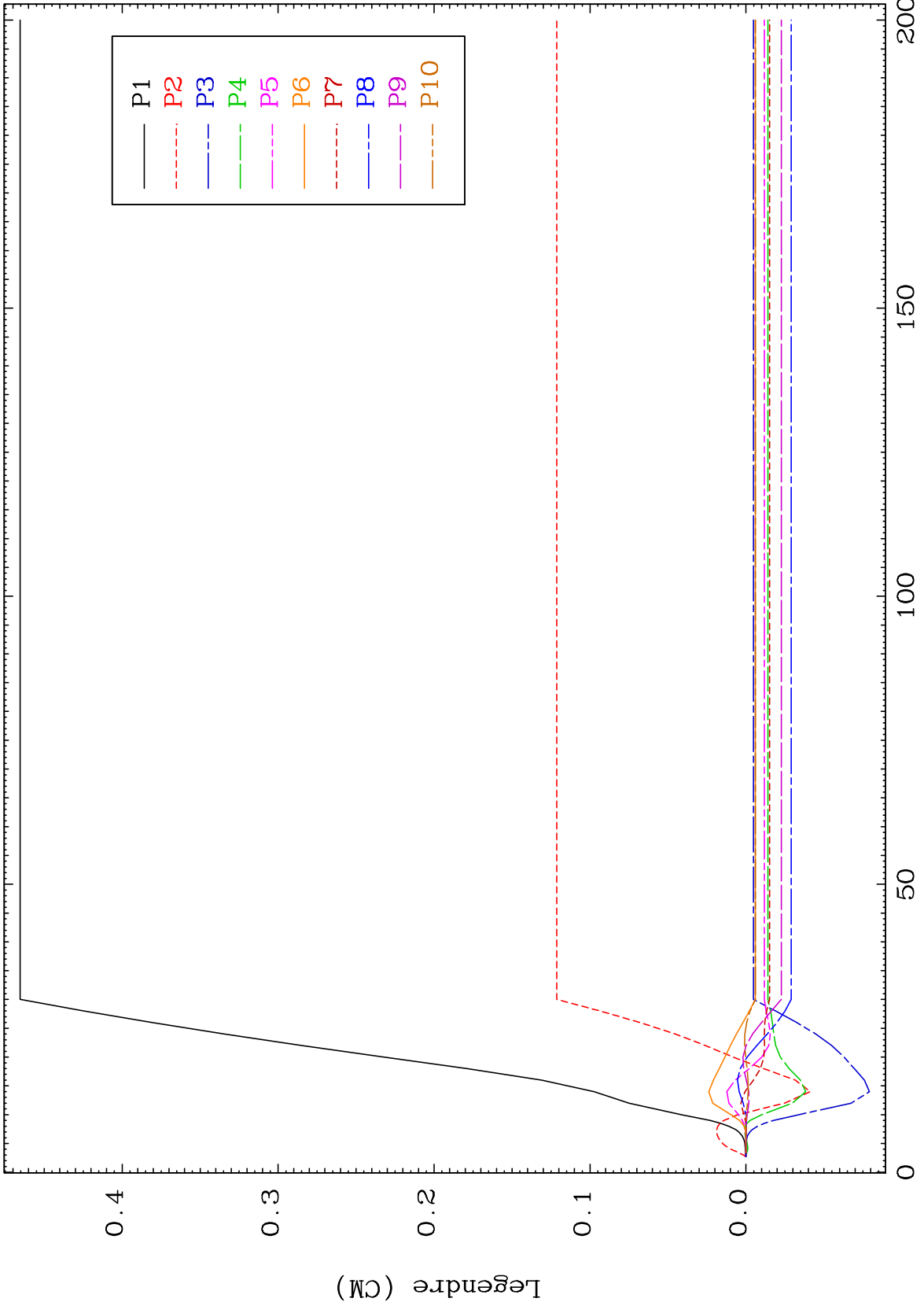
77

MAT 1940 MT= 70 (n,n') Level Legendre Coefficients 19-K -44



78 19-K -44

MAT 1940 MT= 71 (n,n') Level Legendre Coefficients 19-K -44



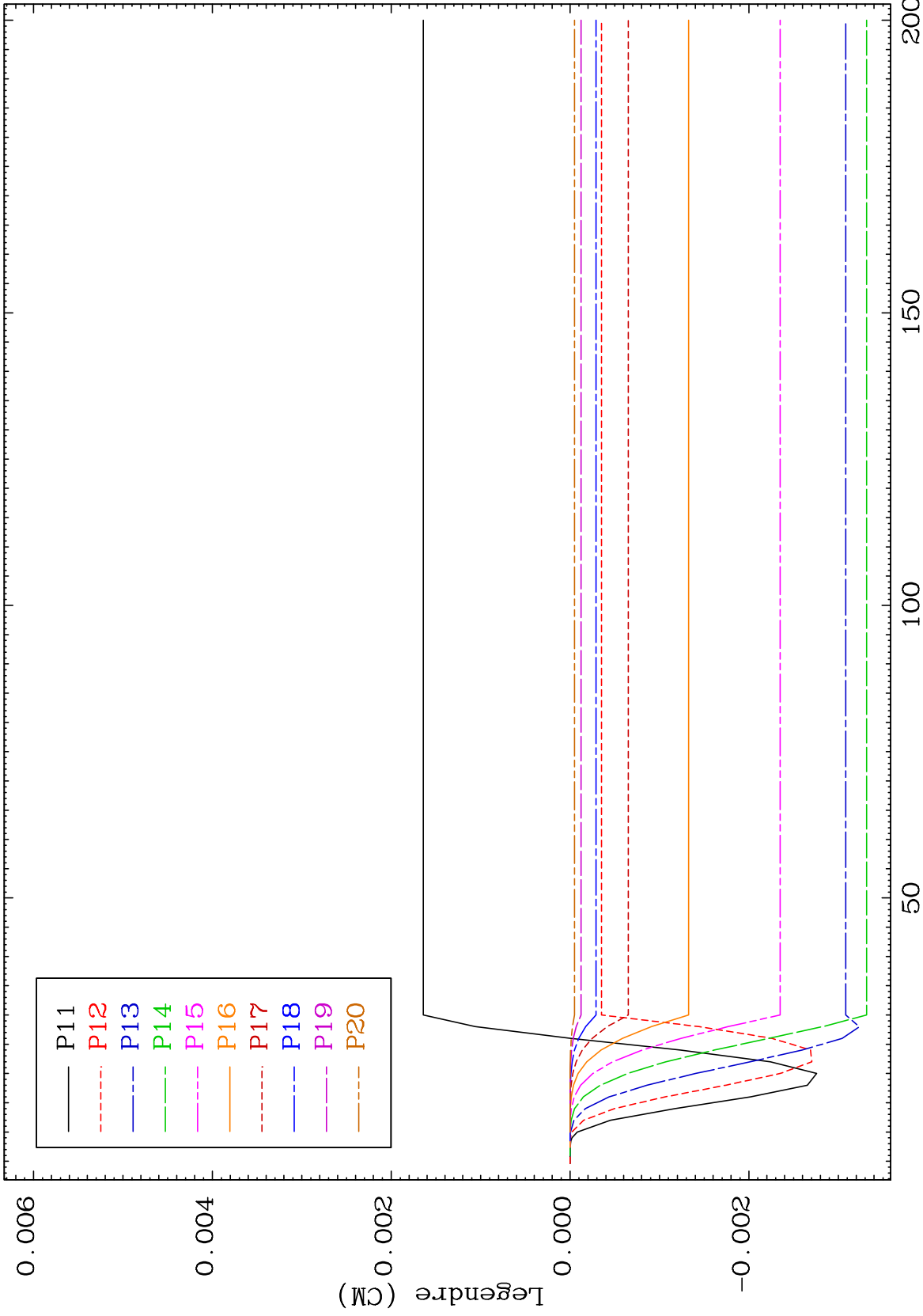
79 19-K -44



MAT 1940

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

19-K -44

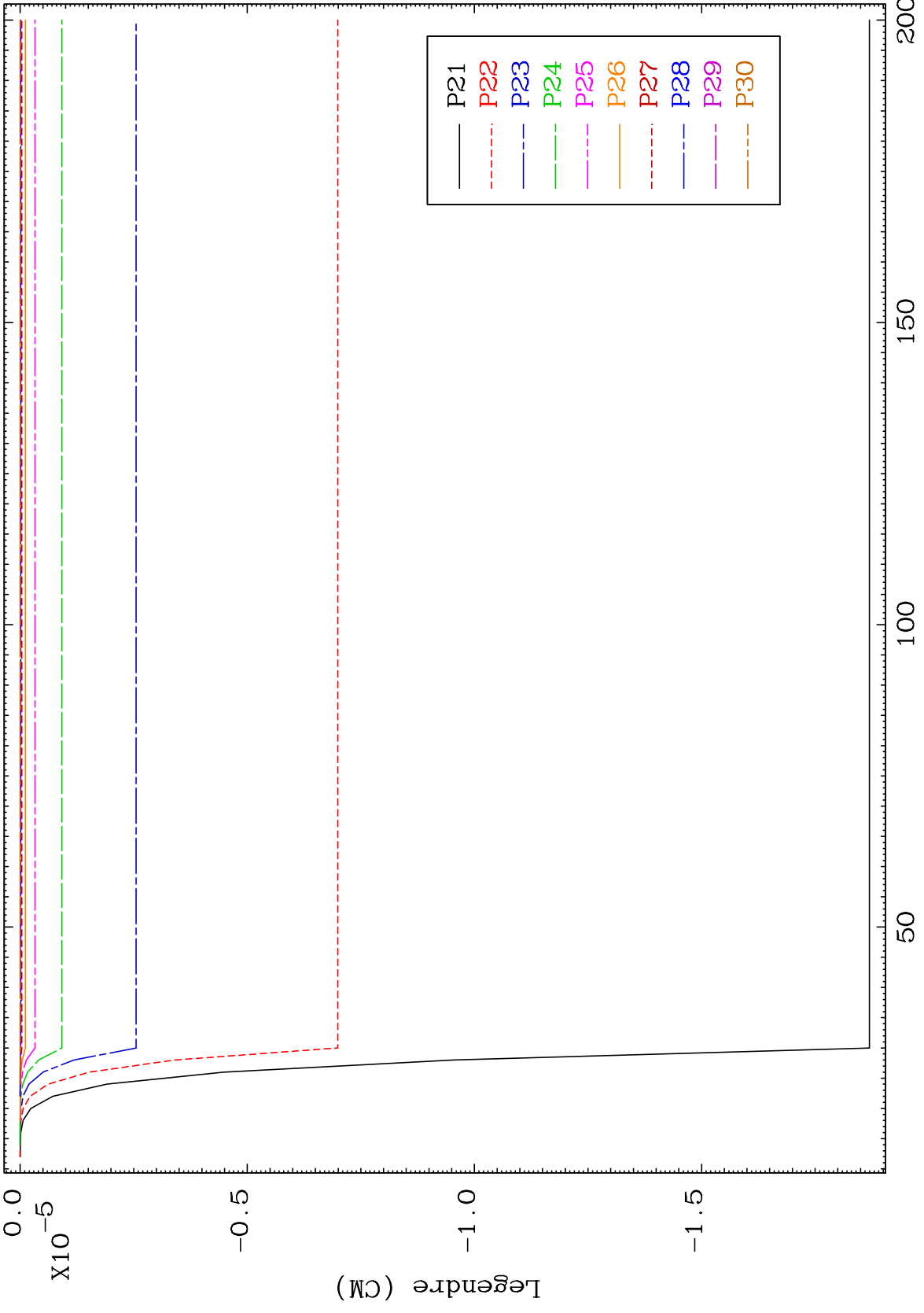


80

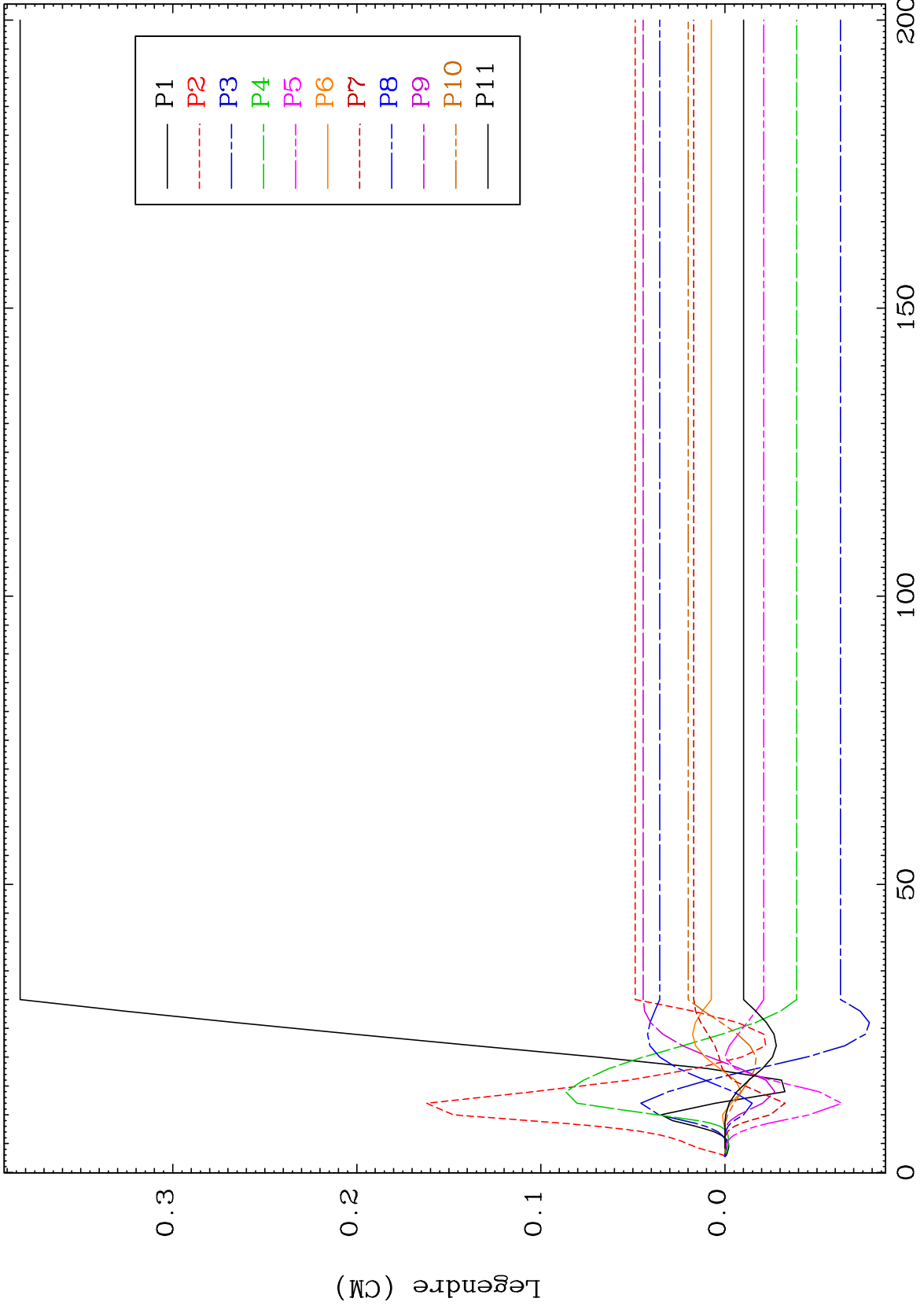
Incident Energy (MeV)

19-K -44

MAT 1940 MT= 71 (n,n') Level Legendre Coefficients 19-K -44

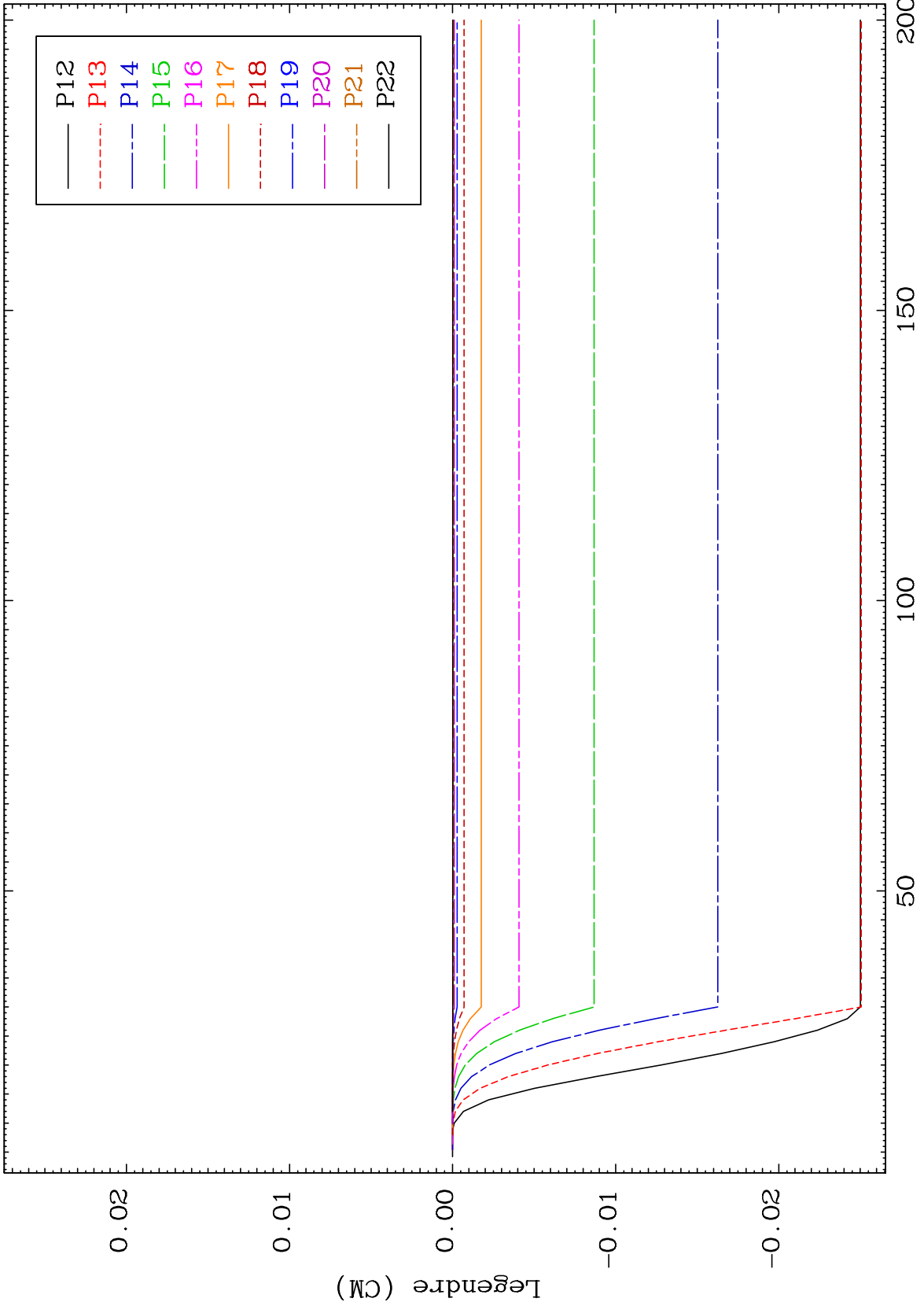


MAT 1940 MT= 72 (n,n') Level Legendre Coefficients 19-K -44



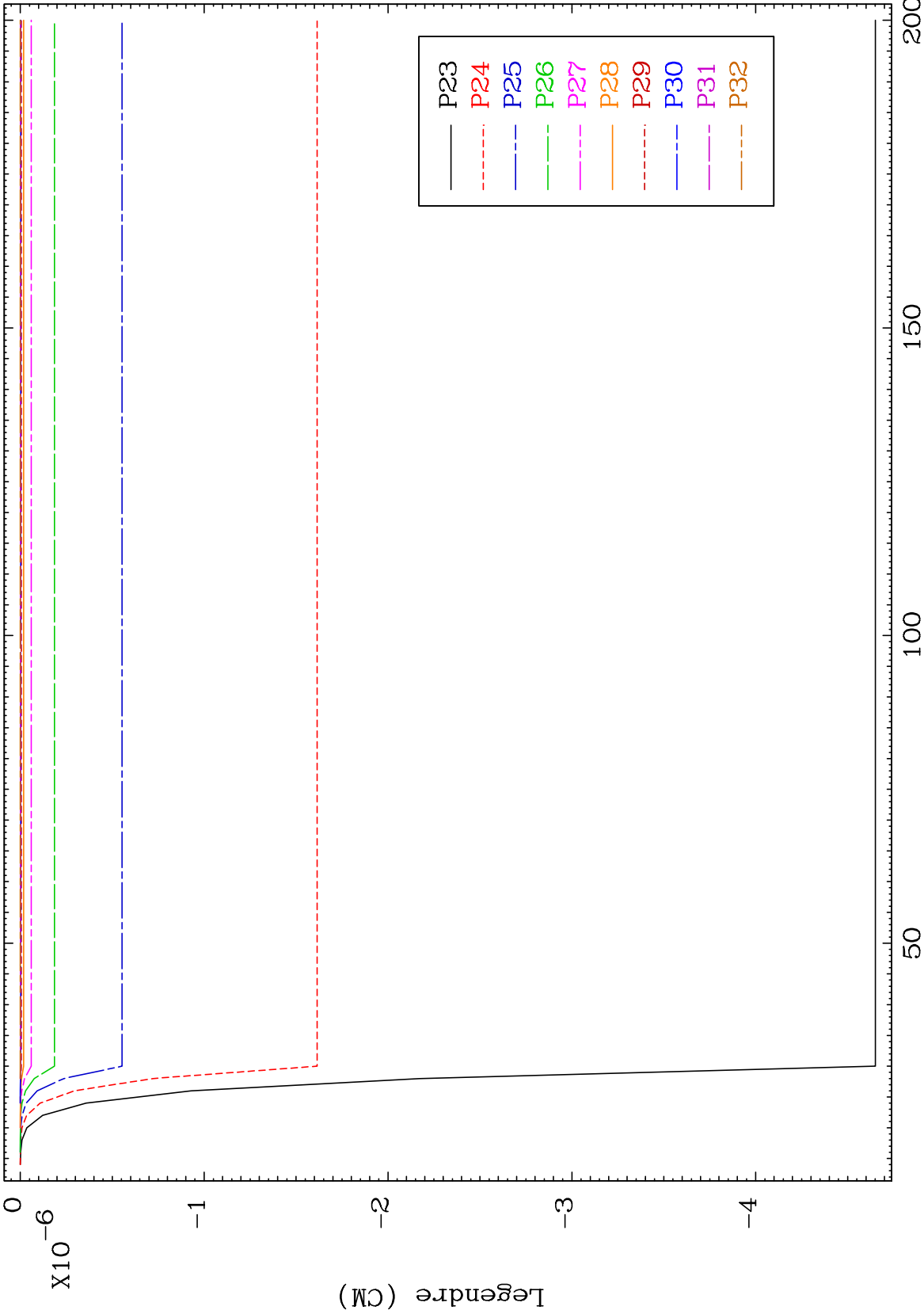
82 19-K -44

MAT 1940 MT= 72 (n,n') Level Legendre Coefficients 19-K -44



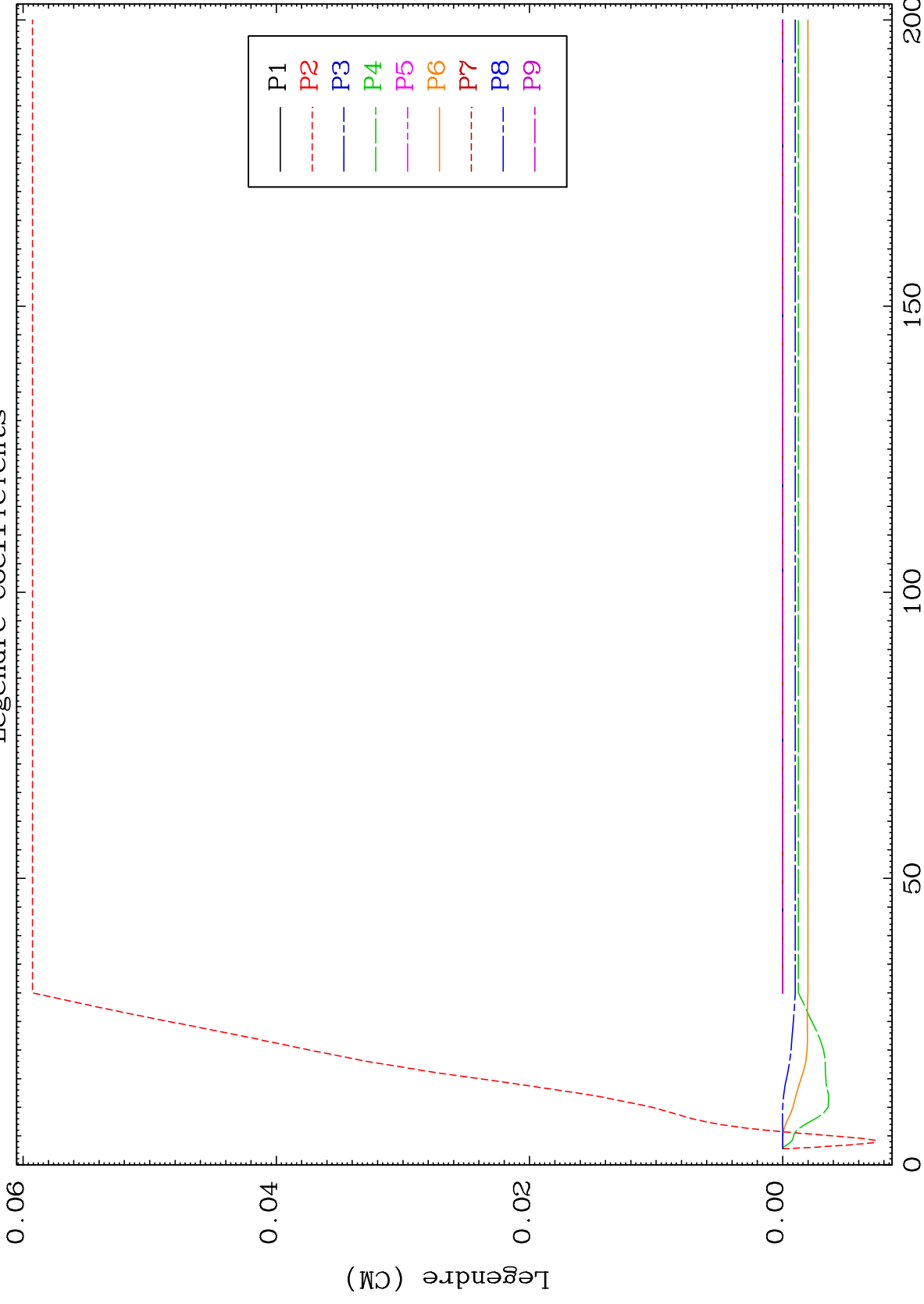
83 19-K -44

MAT 1940 MT= 72 (n,n') Level Legendre Coefficients 19-K -44



MAT 1940 MT= 73 (n,n') Level Legendre Coefficients

19-K -44

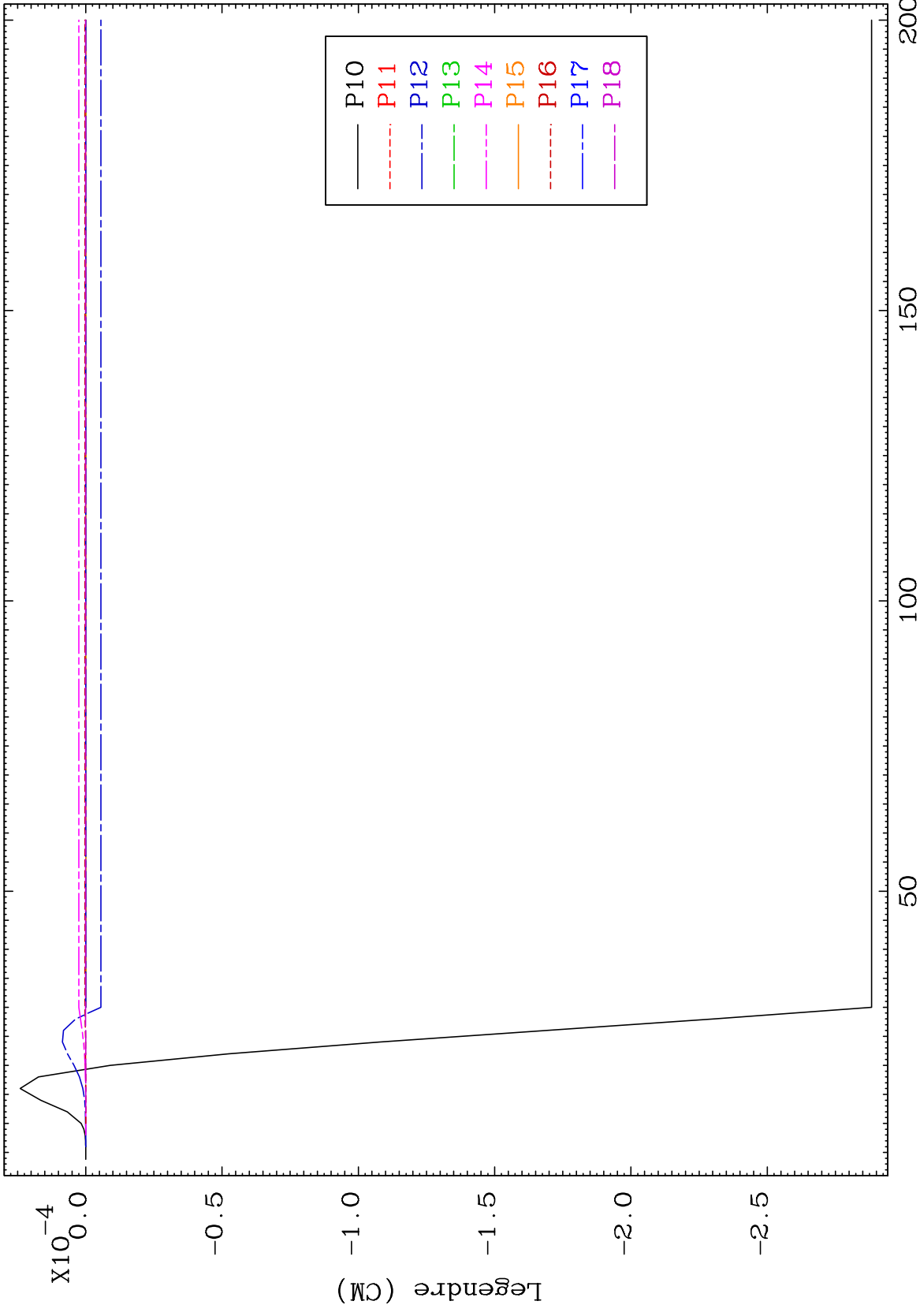


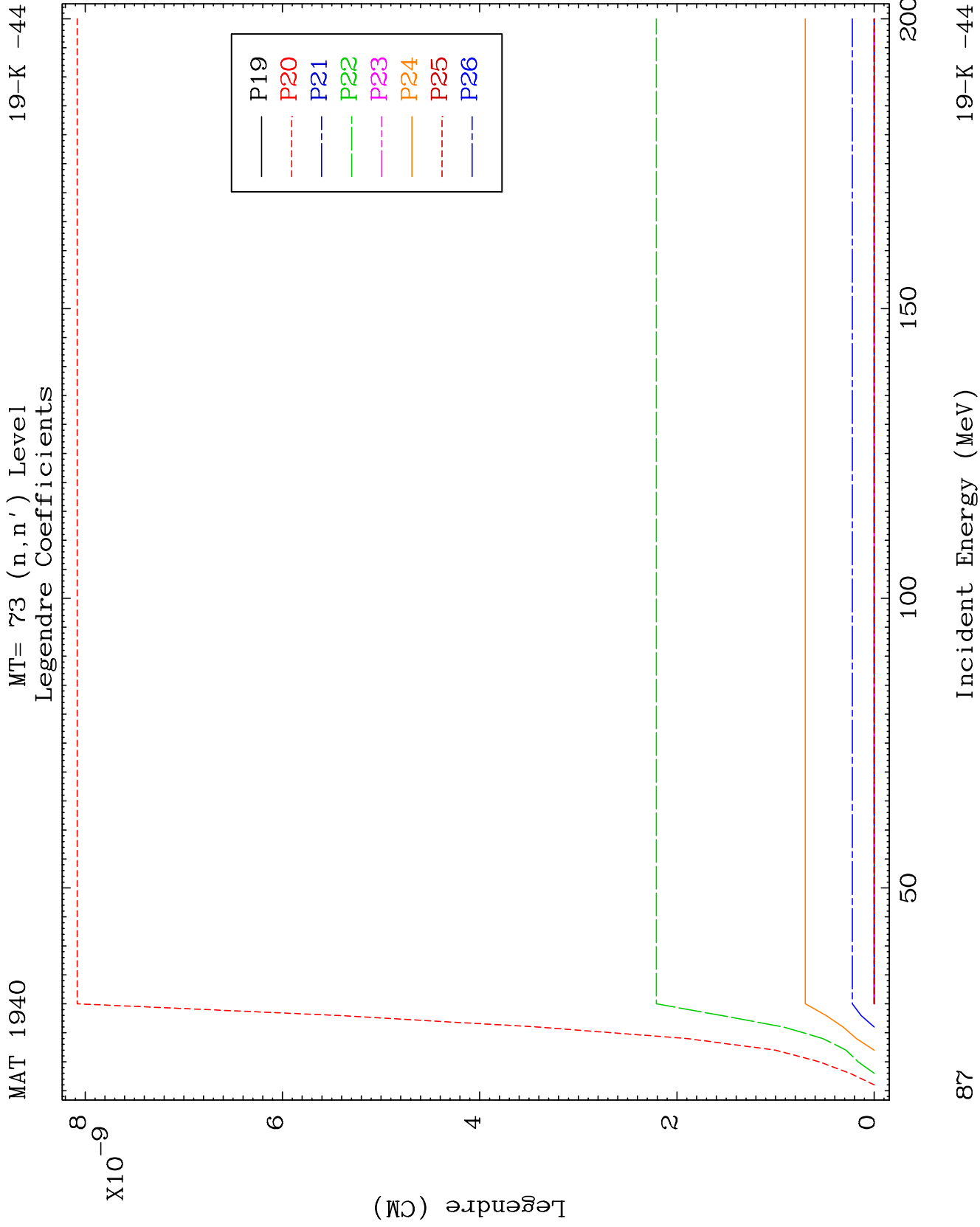
19-K -44

Incident Energy (MeV)

85

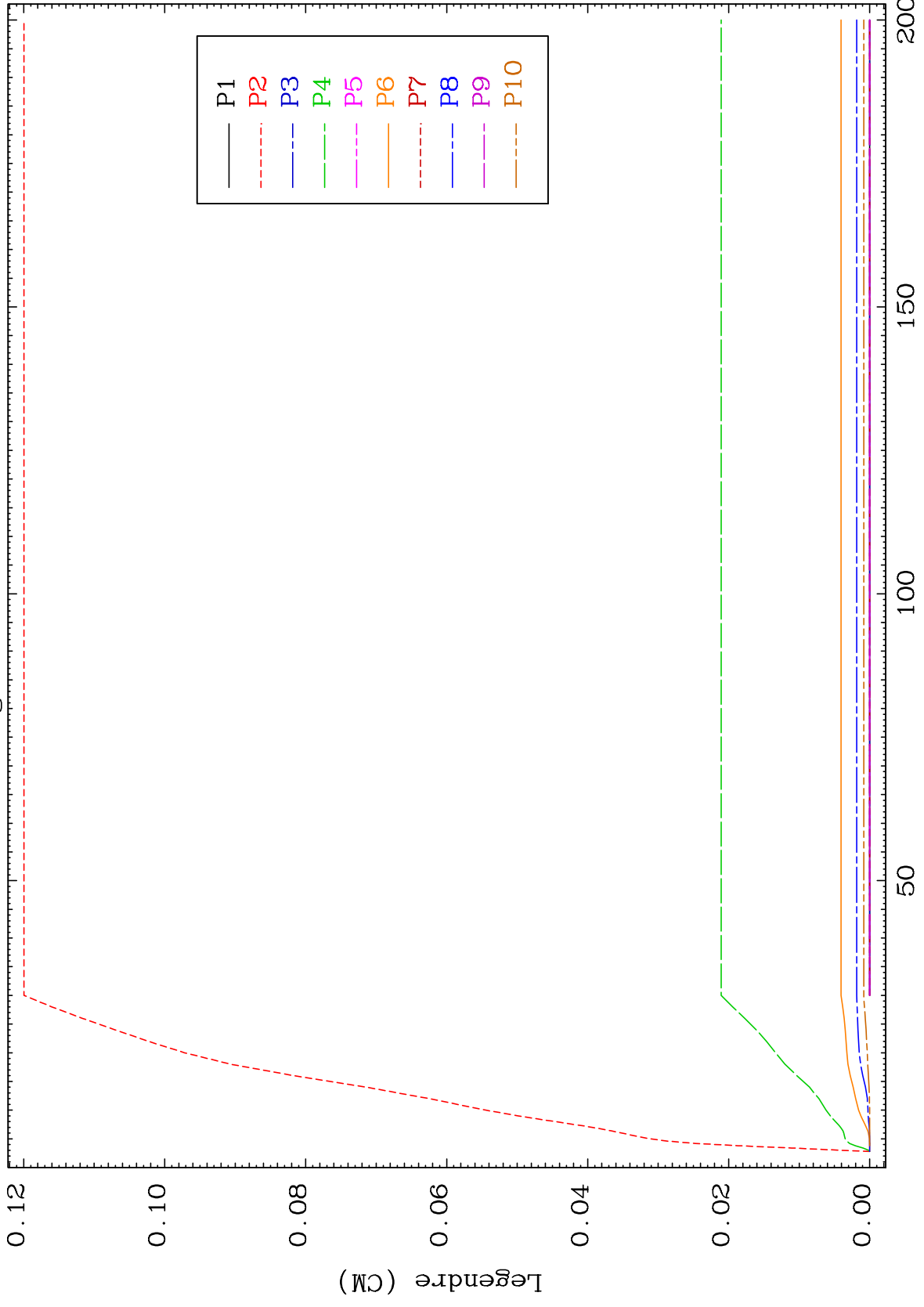
MAT 1940 MT= 73 (n,n') Level Legendre Coefficients 19-K -44



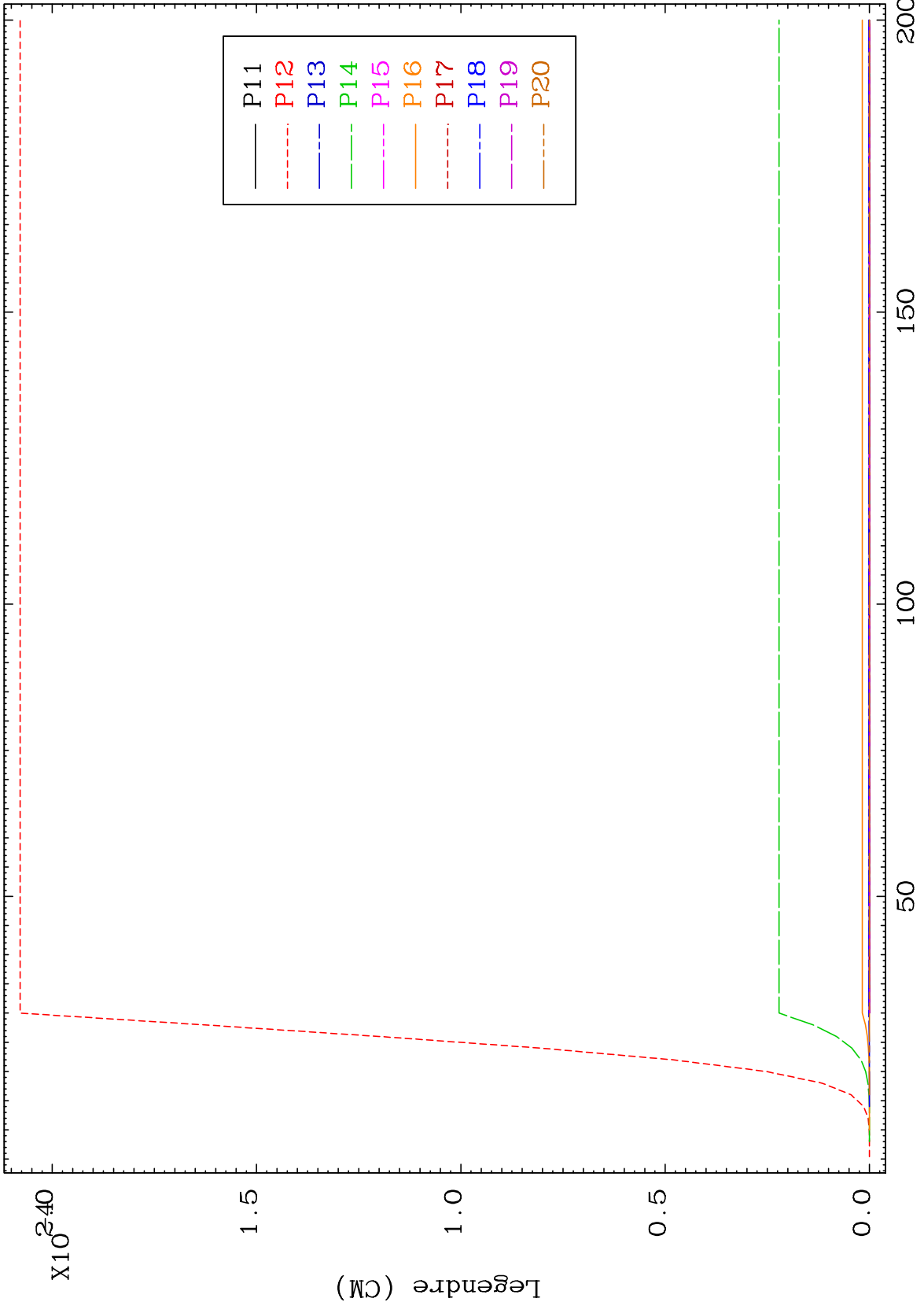




MAT 1940 MT= 74 (n,n') Level Legendre Coefficients 19-K -44

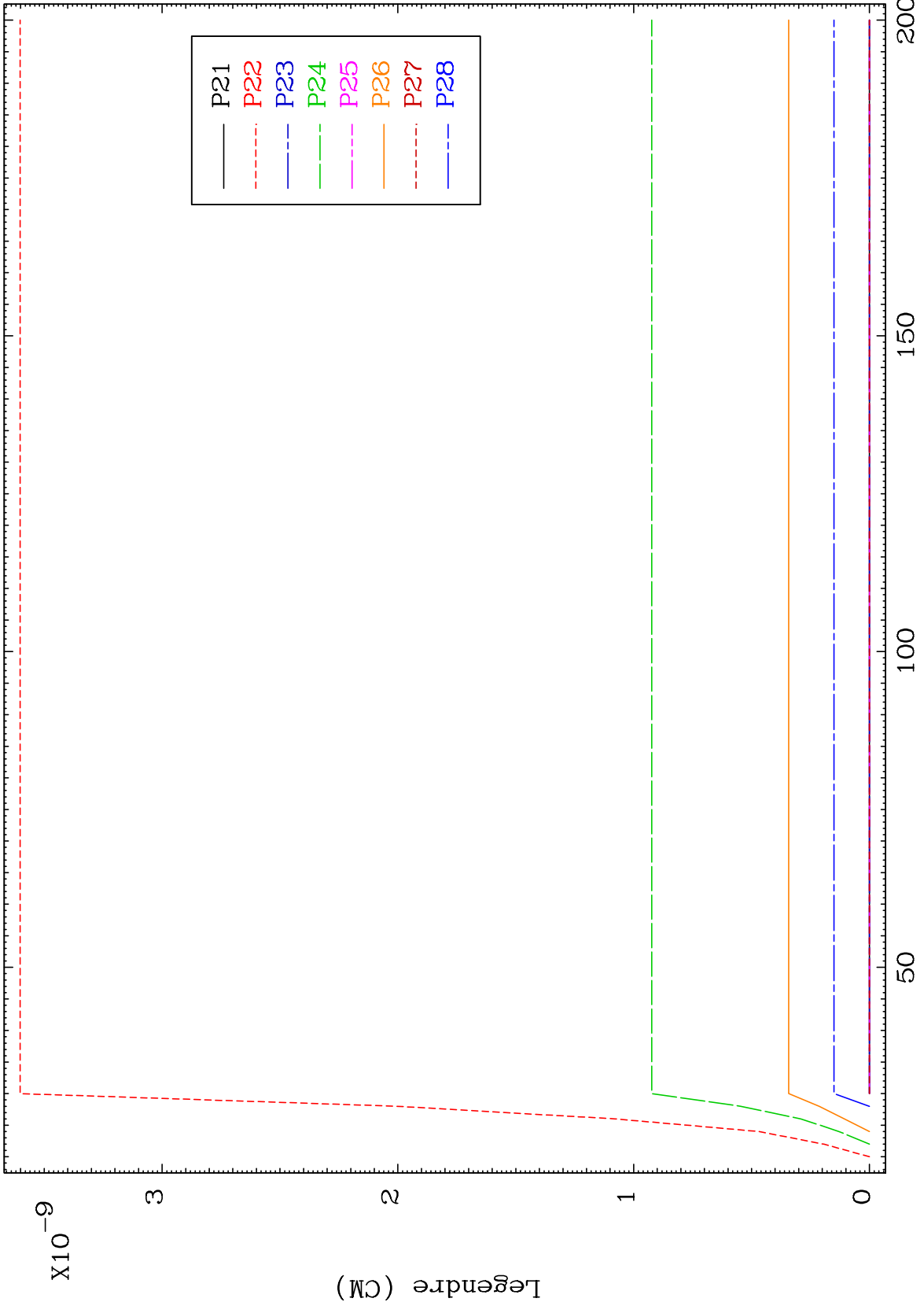


MAT 1940 MT= 74 (n,n') Level Legendre Coefficients 19-K -44



89 19-K -44

MAT 1940 MT= 74 (n,n') Level Legendre Coefficients 19-K -44

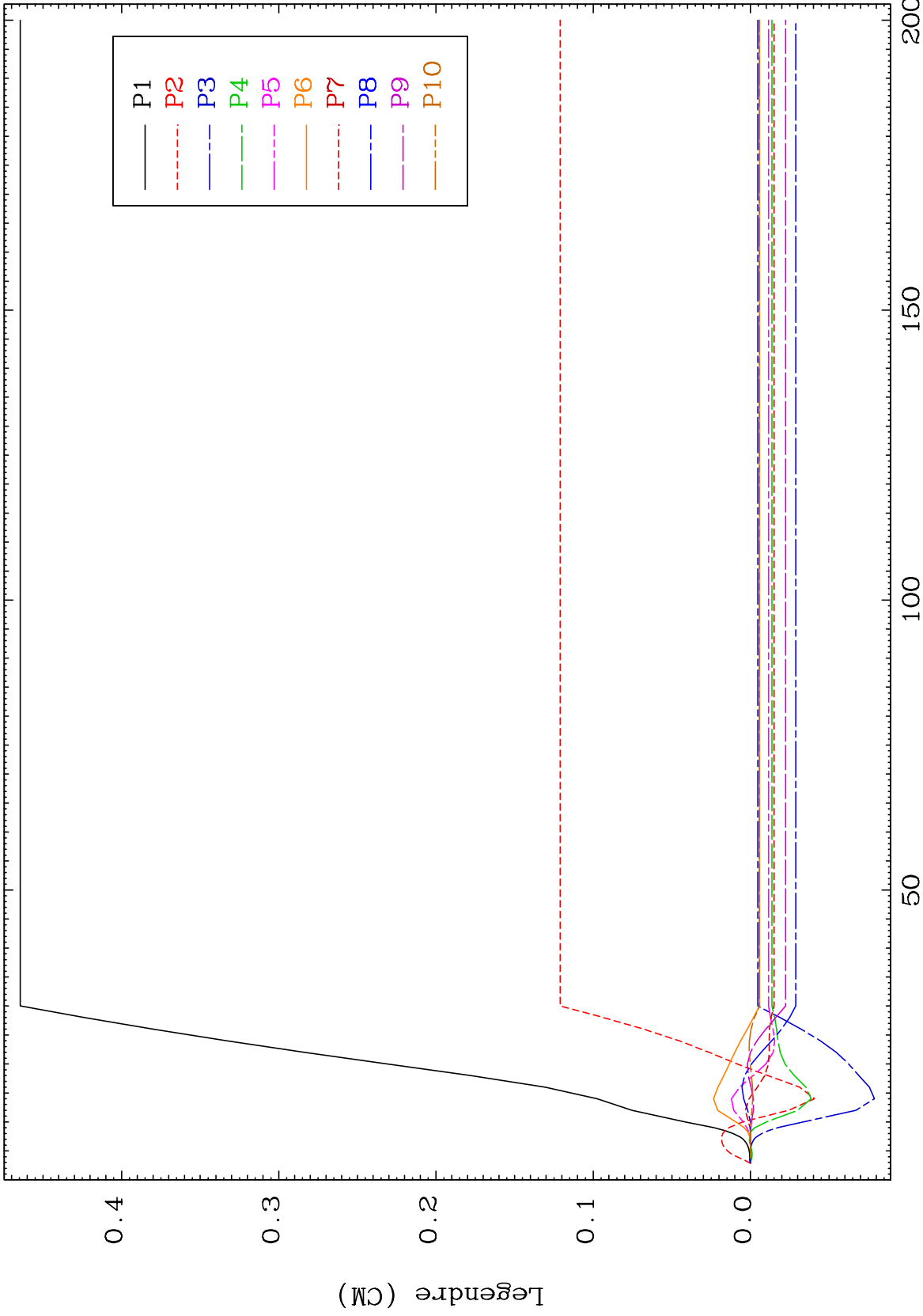


19-K -44

MAT 1940

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

19-K -44



91

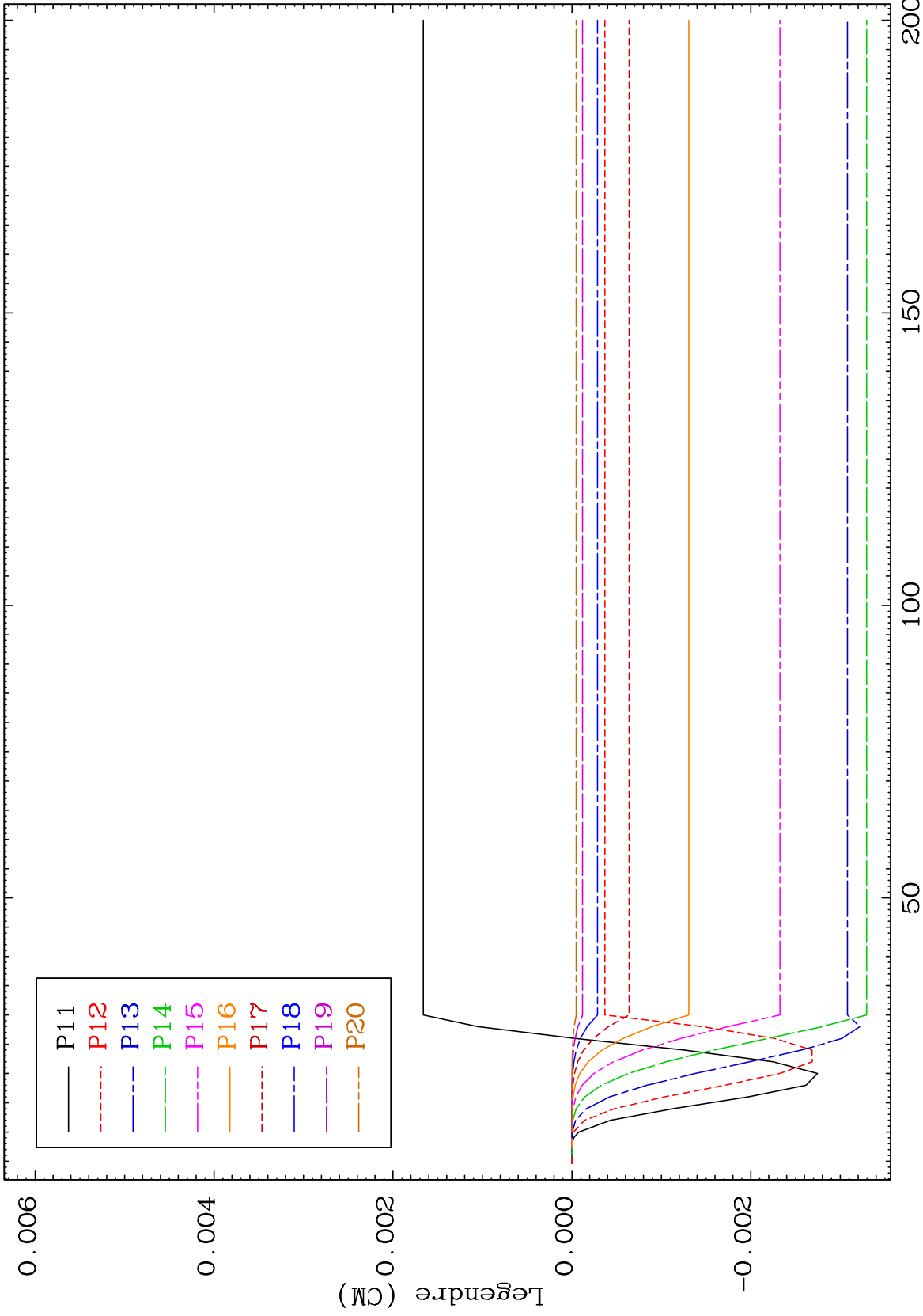
Incident Energy (MeV)

19-K -44

MAT 1940

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

19-K -44

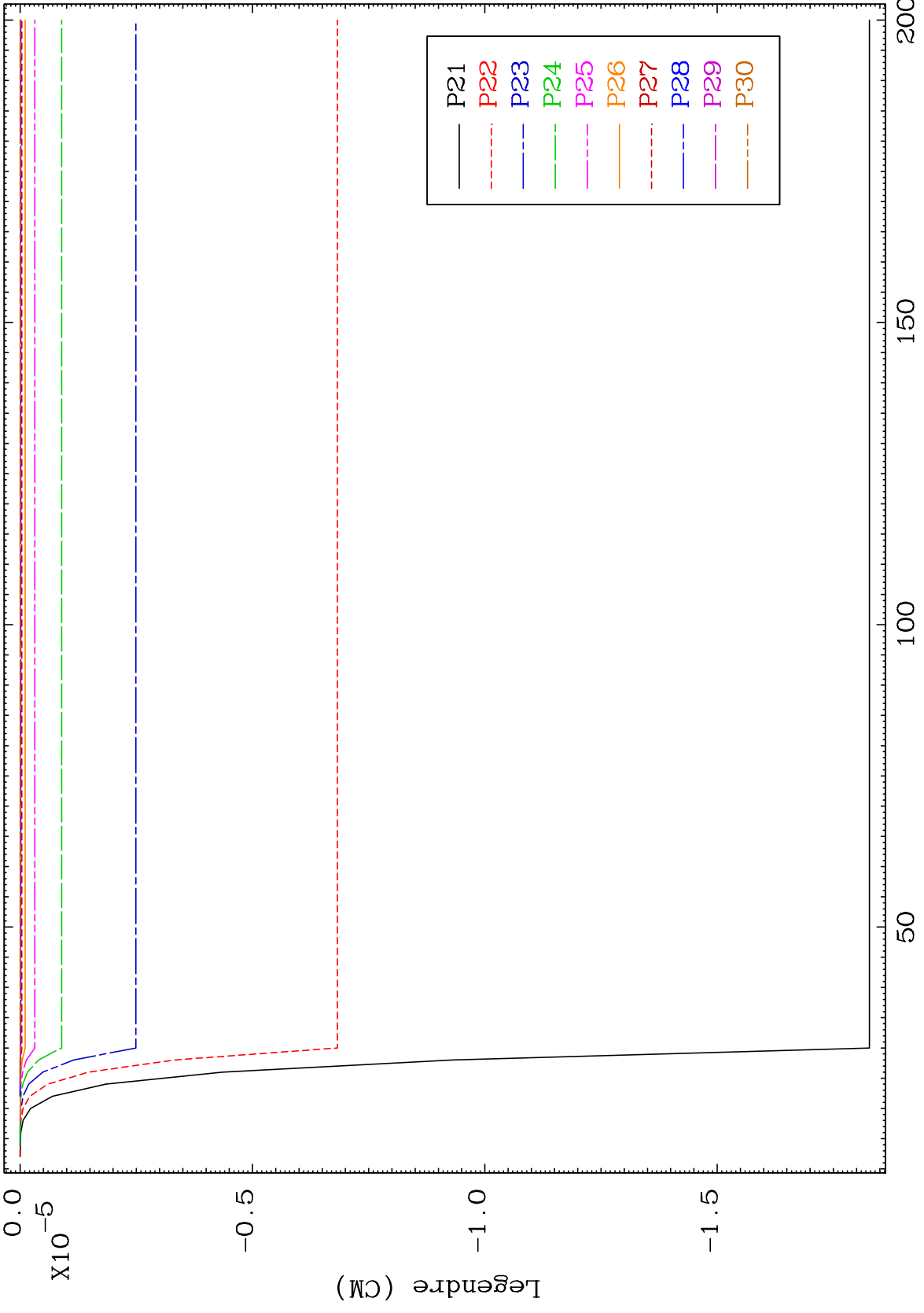


92

Incident Energy (MeV)

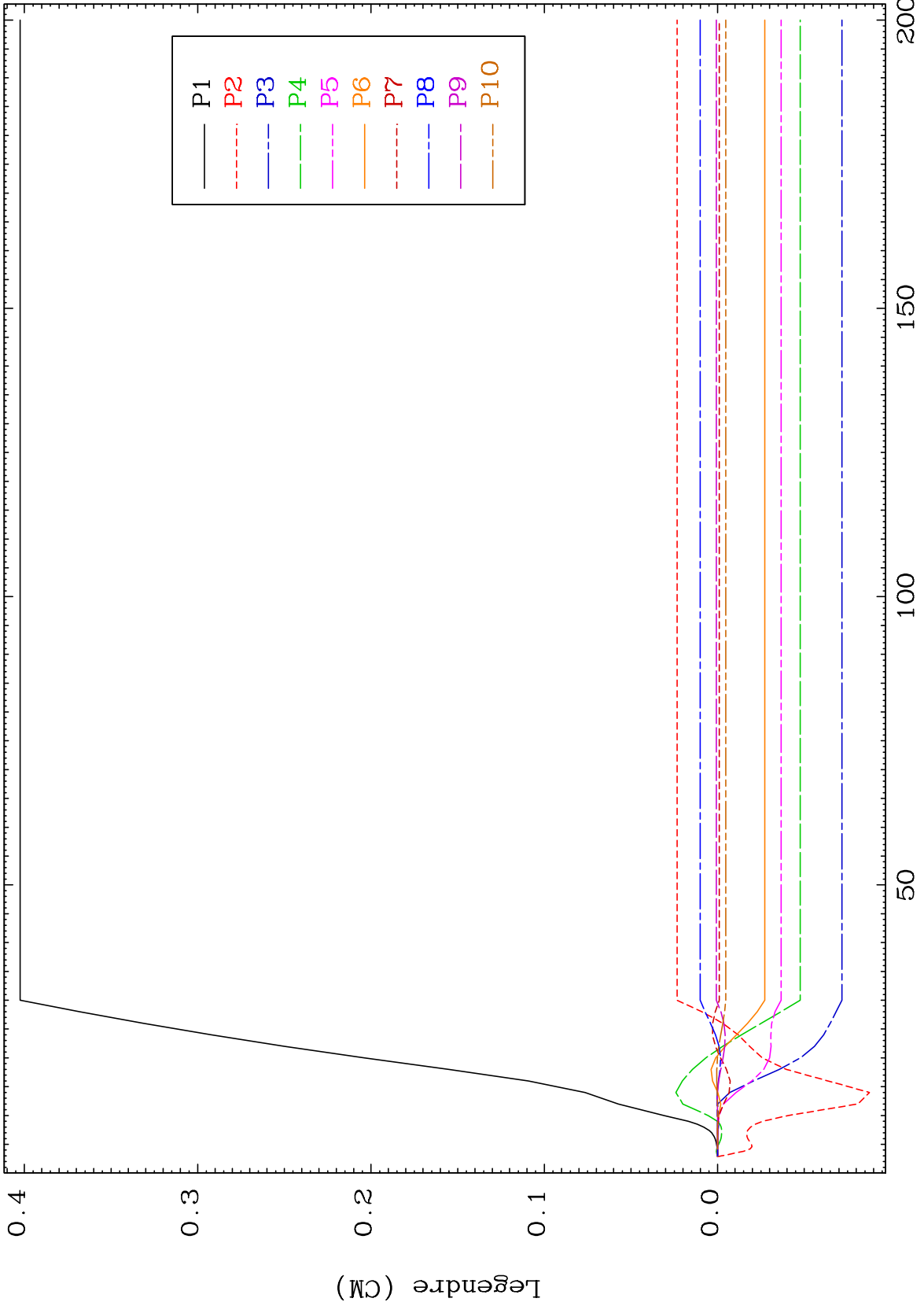
19-K -44

MAT 1940 MT= 75 (n,n') Level Legendre Coefficients 19-K -44



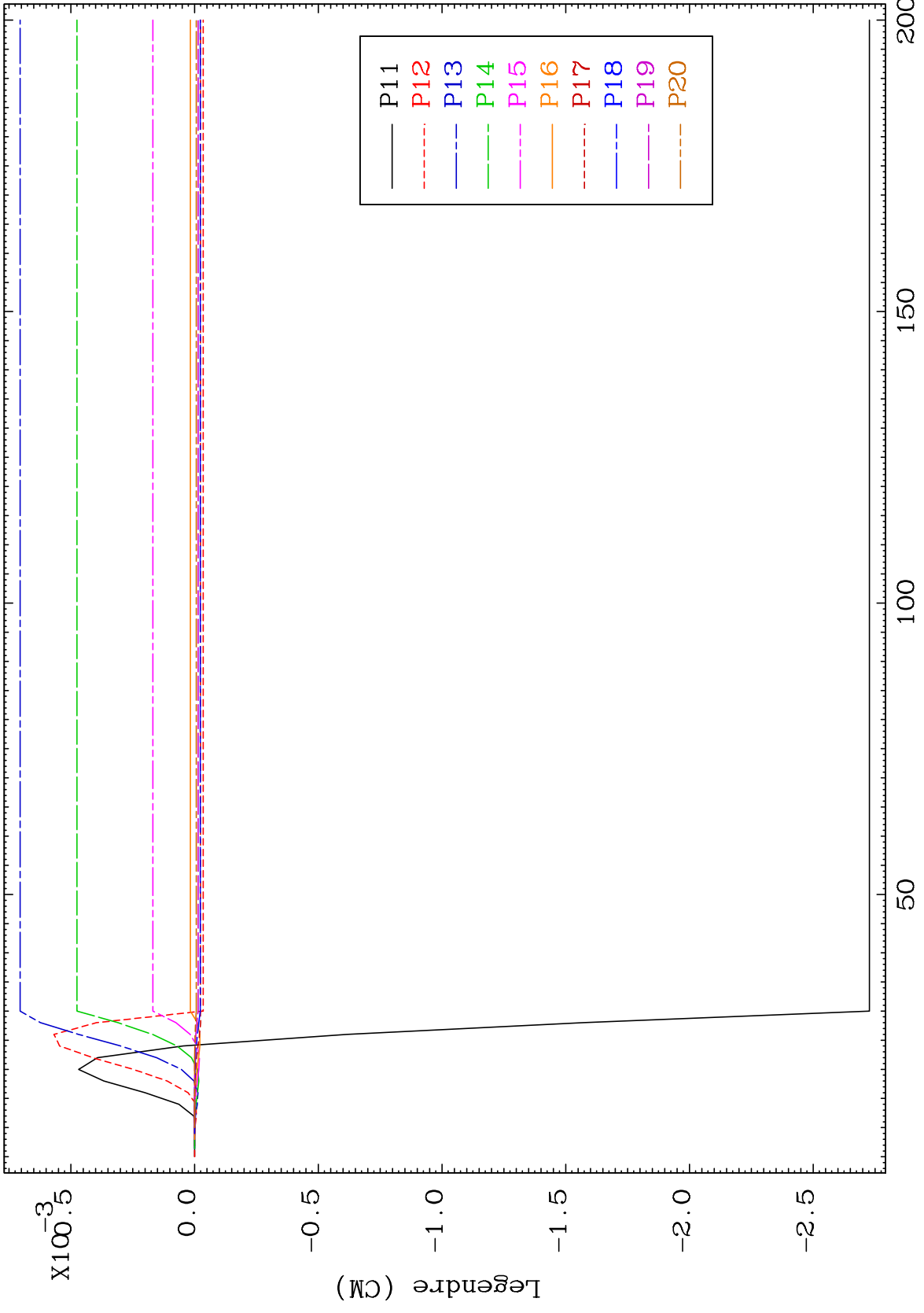
93 19-K -44

MAT 1940 MT= 76 (n,n') Level Legendre Coefficients 19-K -44



94 19-K -44

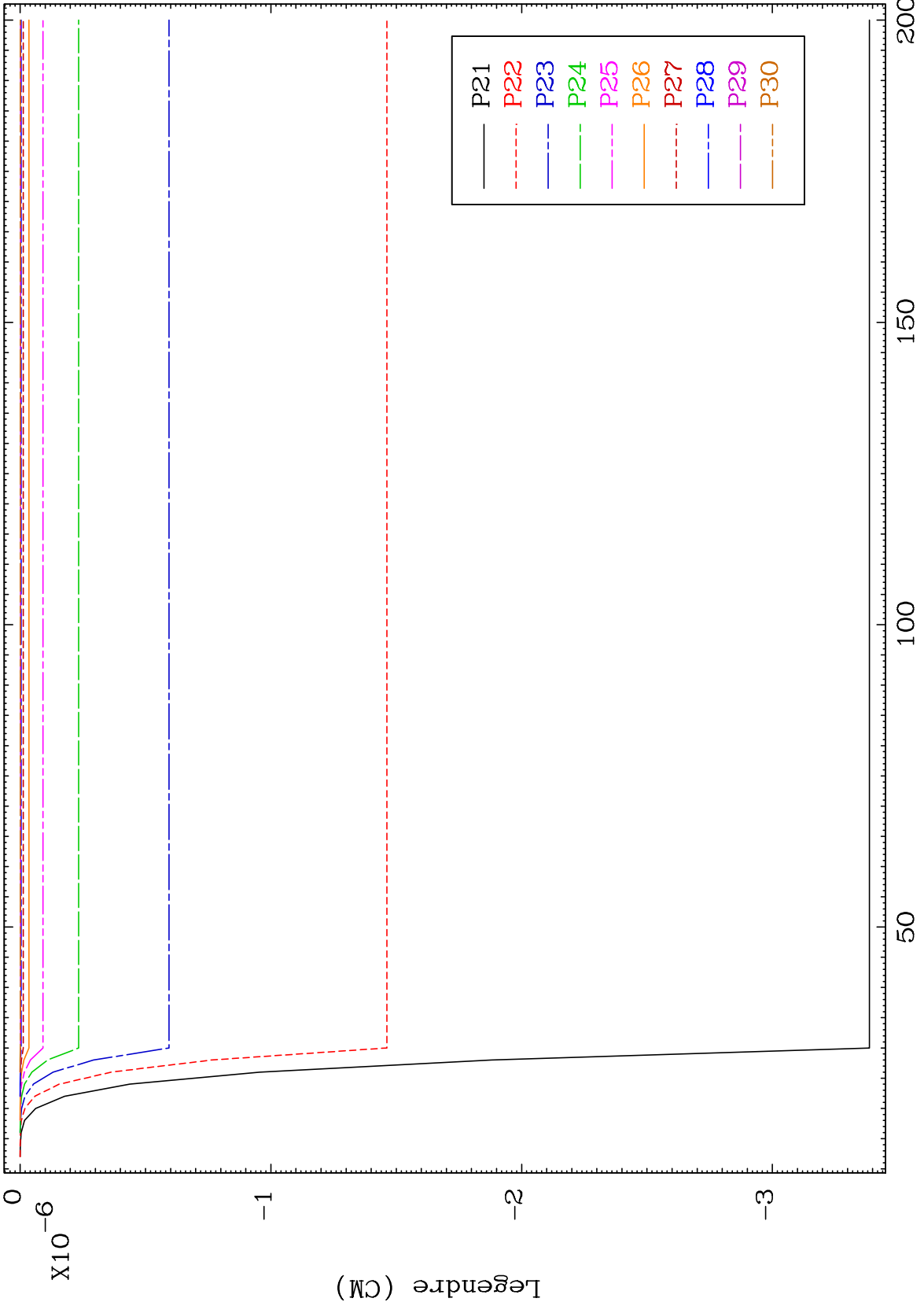
MAT 1940 MT= 76 (n,n') Level Legendre Coefficients 19-K -44



95 19-K -44

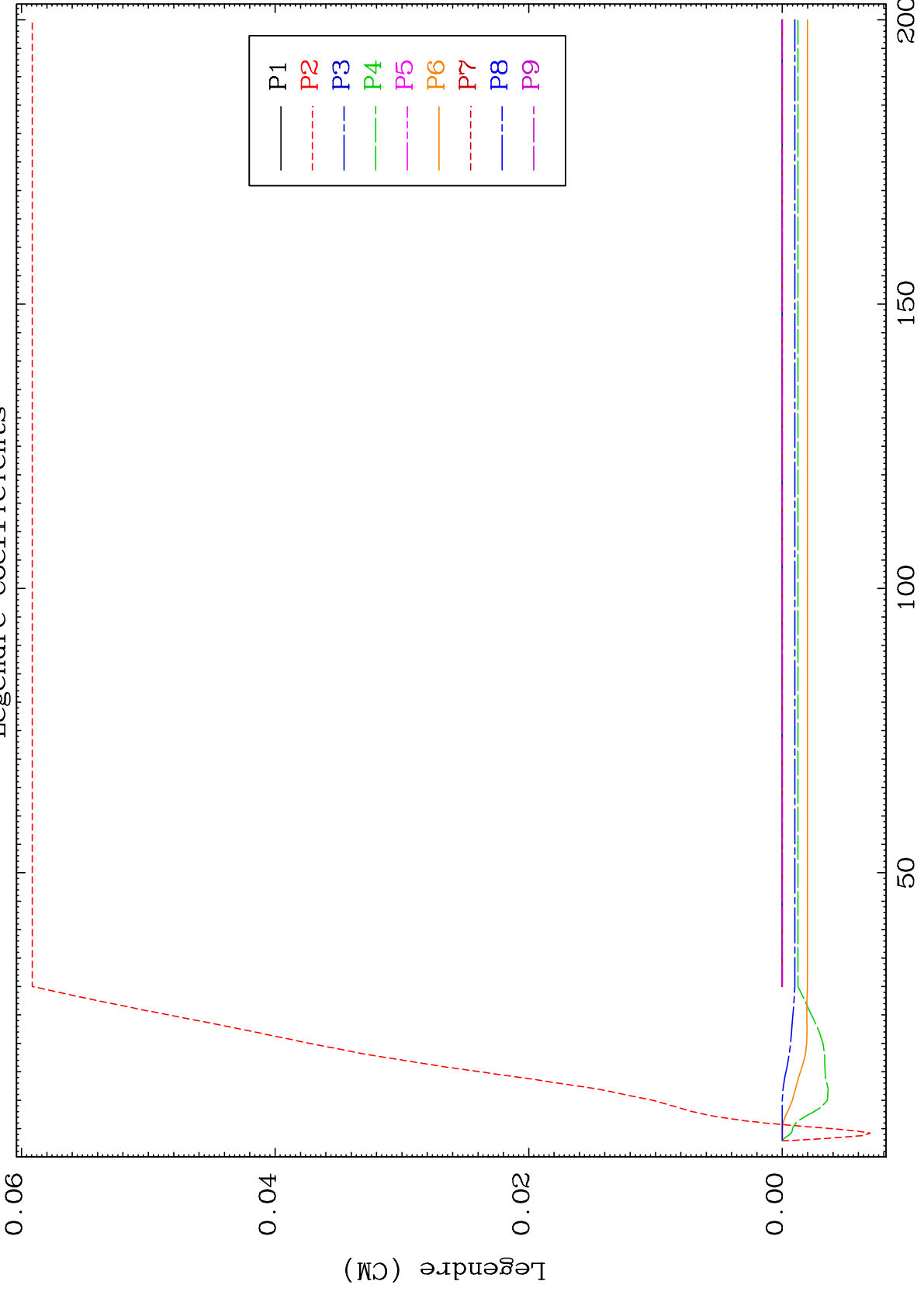


MAT 1940 MT= 76 (n,n') Level Legendre Coefficients 19-K -44



MAT 1940 MT= 77 (n,n') Level Legendre Coefficients

19-K -44

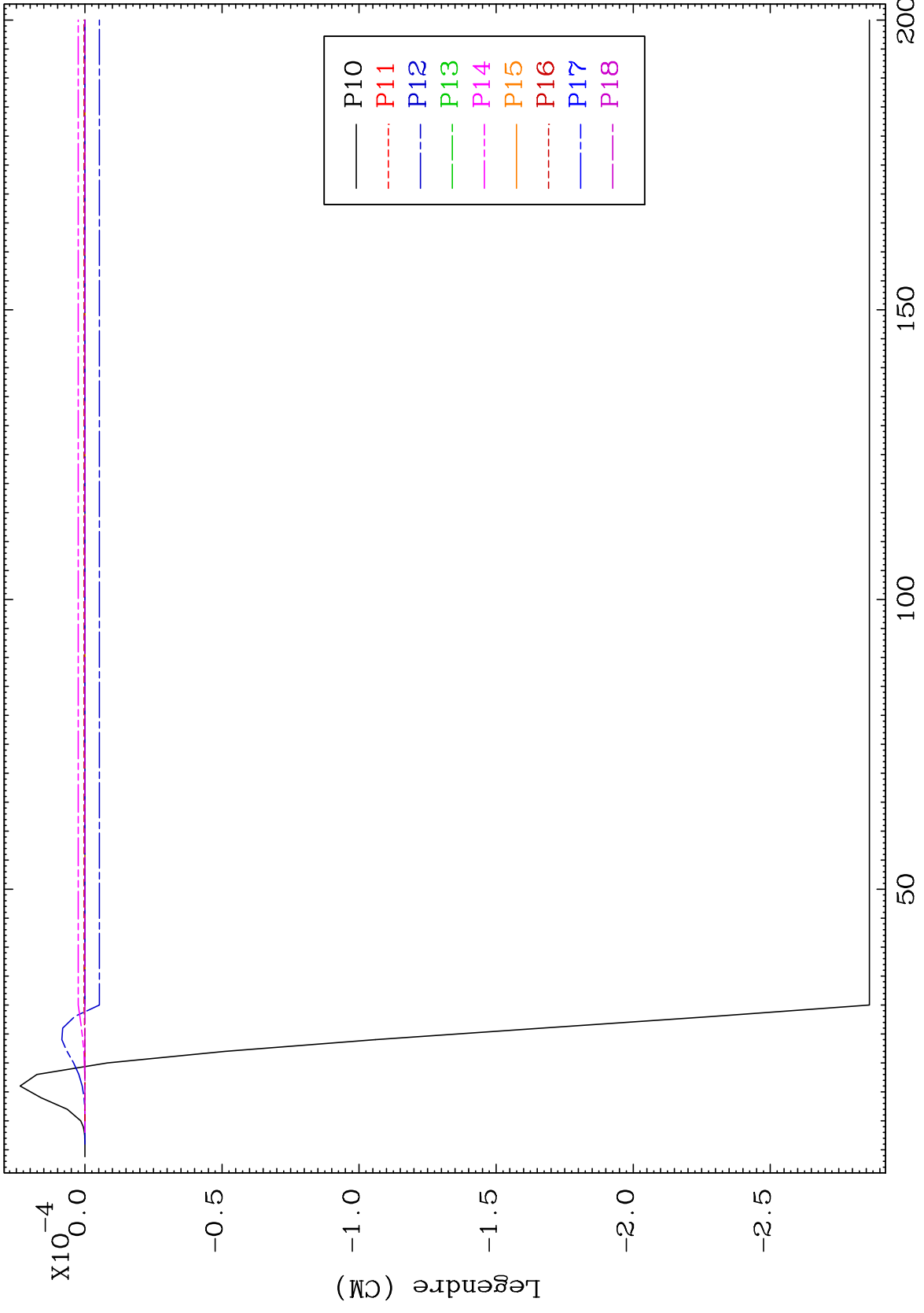


19-K -44

Incident Energy (MeV)

97

MAT 1940 MT= 77 (n,n') Level Legendre Coefficients 19-K -44

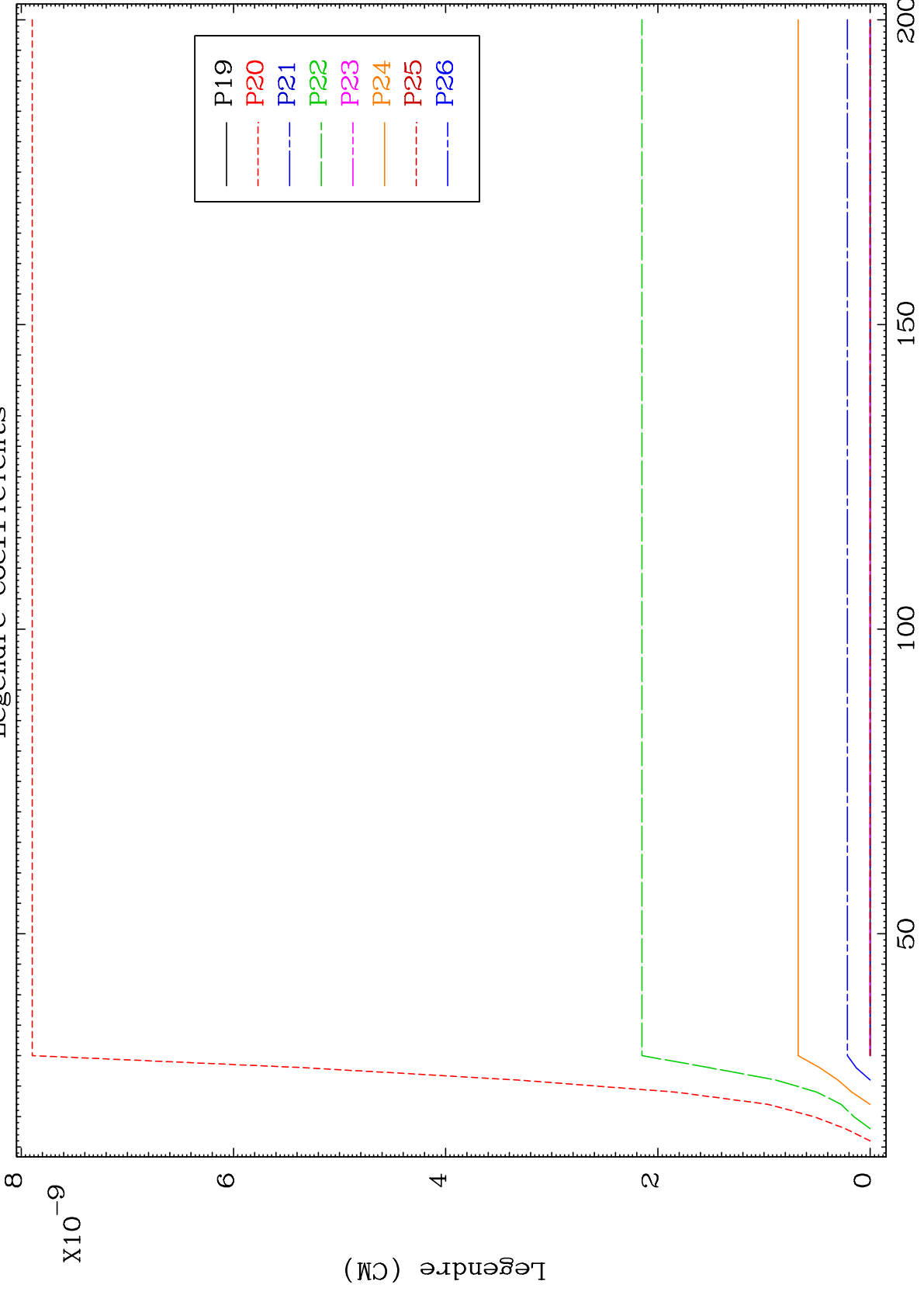


98 19-K -44

MAT 1940 MT= 77 (n,n') Level Legendre Coefficients

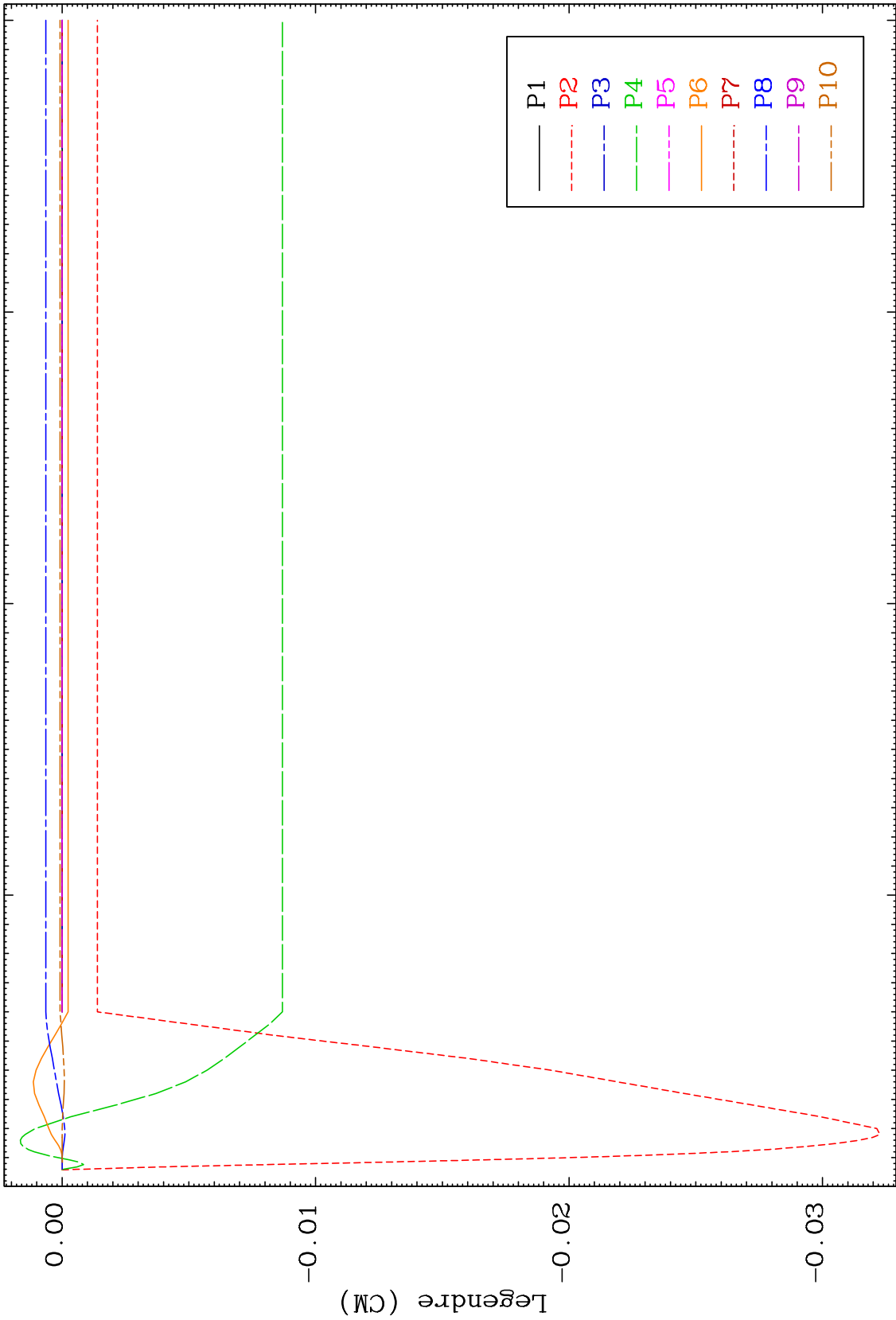
19-K -44

19-K -44



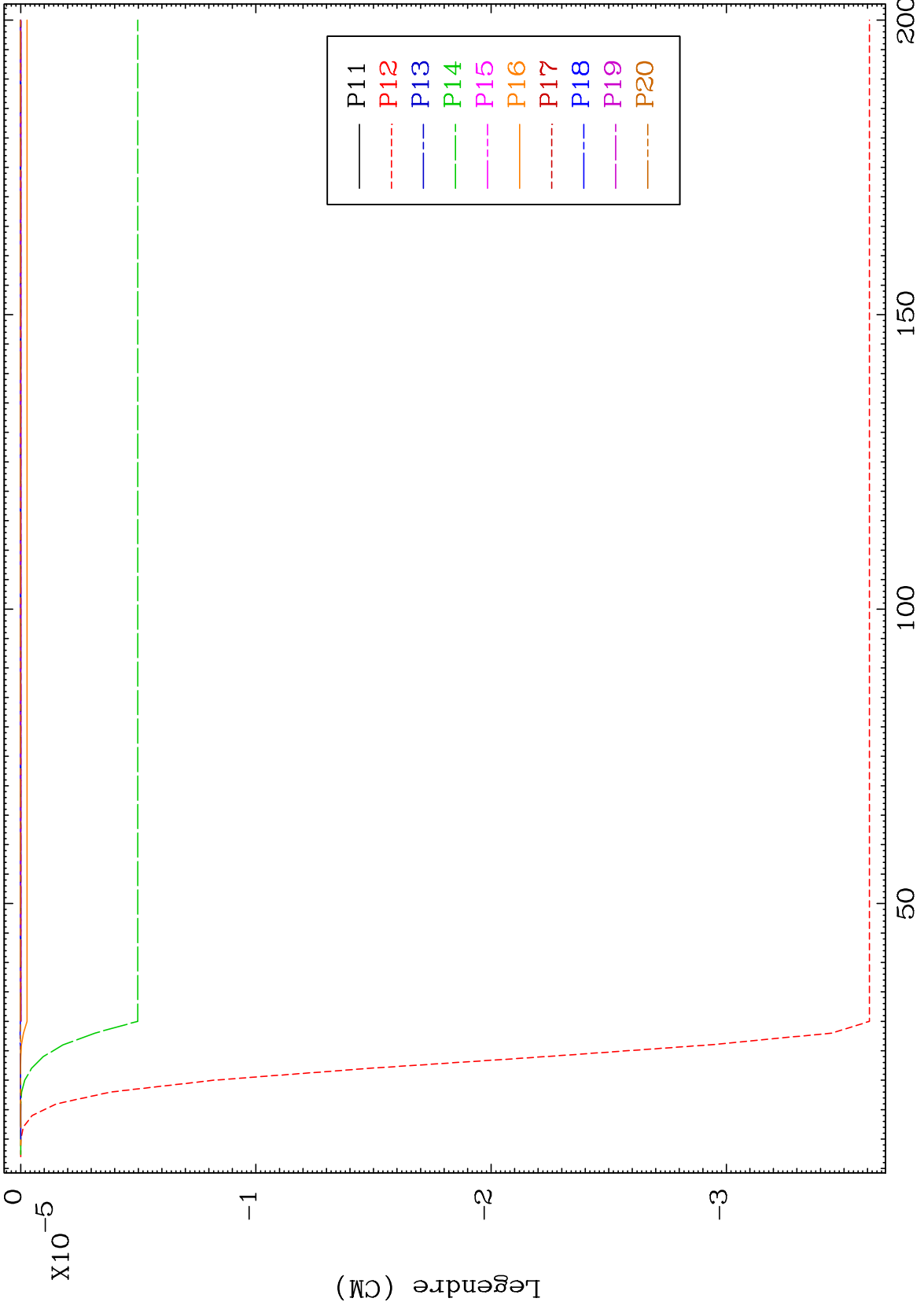
99

MAT 1940 MT= 78 (n,n') Level Legendre Coefficients 19-K -44



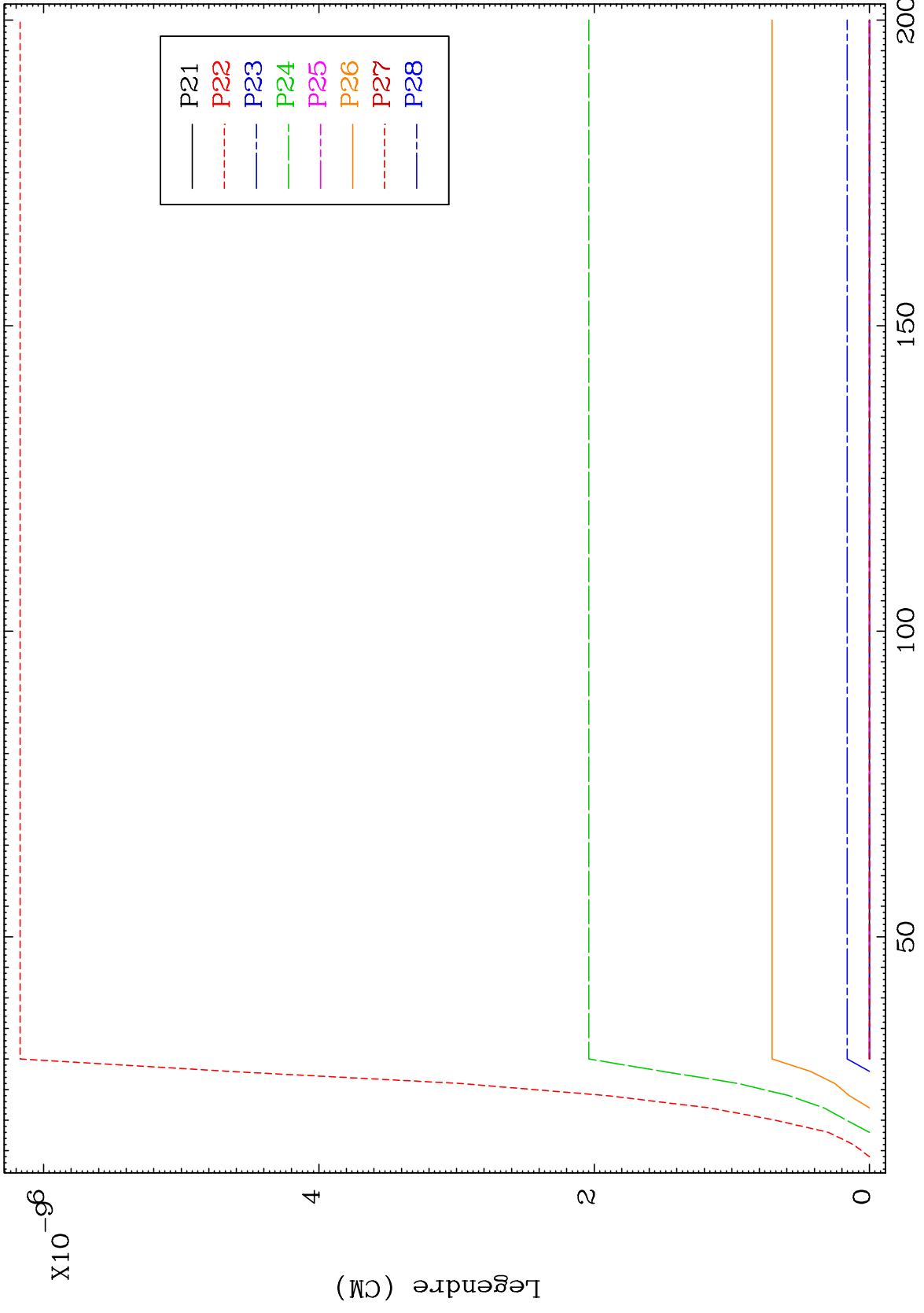
Legendre (CM) Incident Energy (MeV) 19-K -44

MAT 1940 MT= 78 (n,n') Level Legendre Coefficients 19-K -44



101 Incident Energy (MeV) 19-K -44

MAT 1940 MT= 78 (n,n') Level Legendre Coefficients 19-K -44

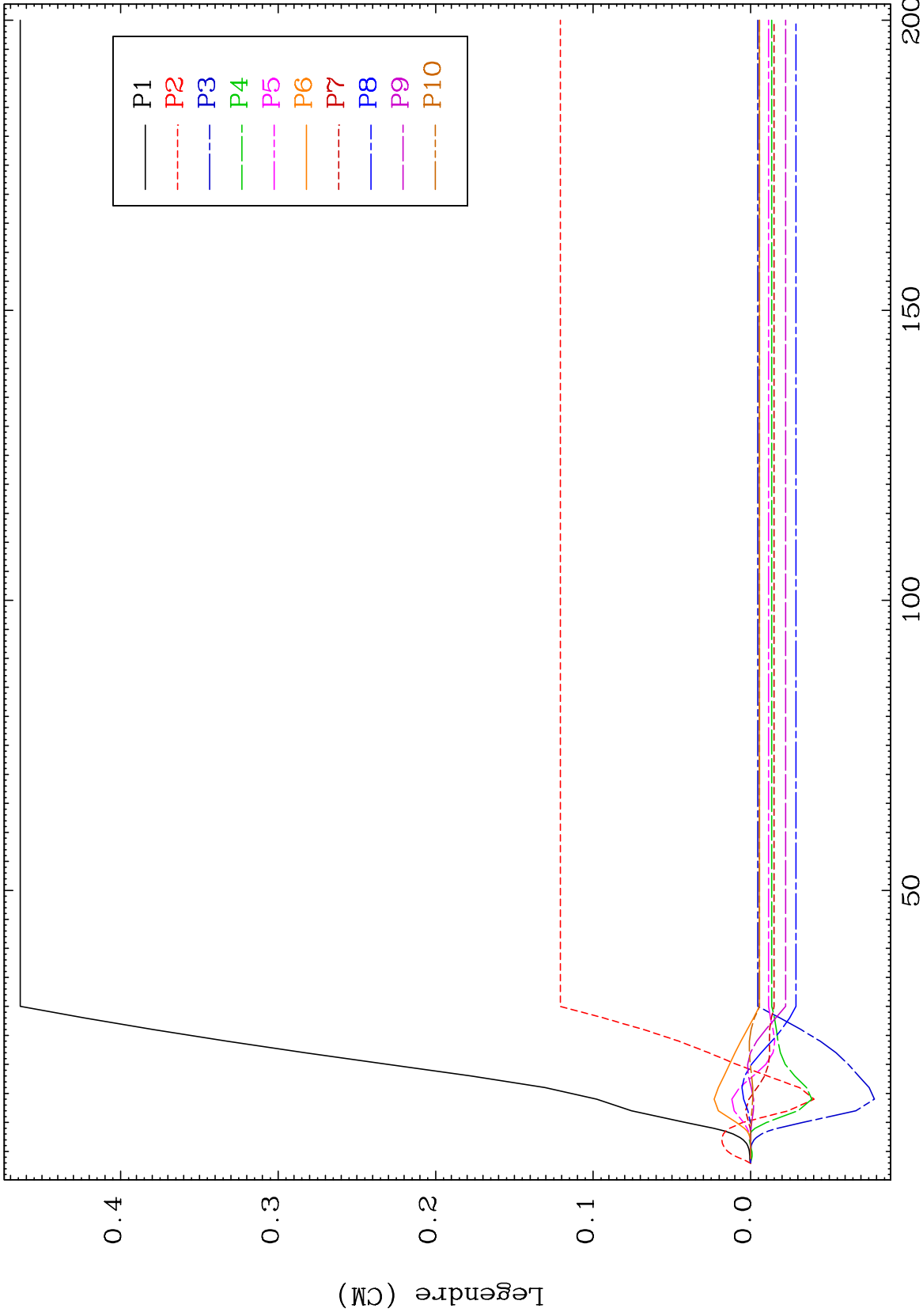


102 Incident Energy (MeV) 19-K -44

MAT 1940

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

19-K -44



103

Incident Energy (MeV)

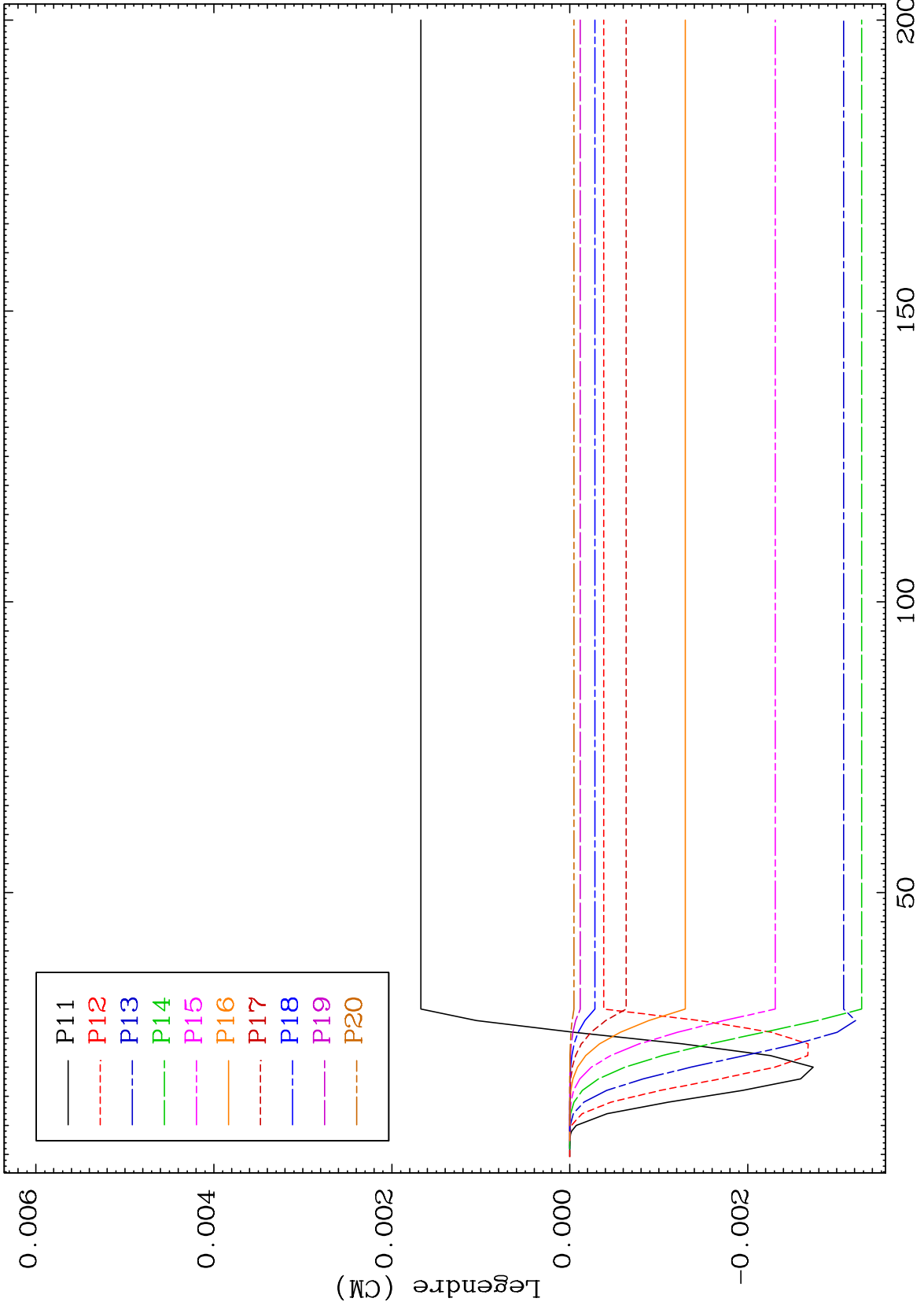
19-K -44



MAT 1940

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

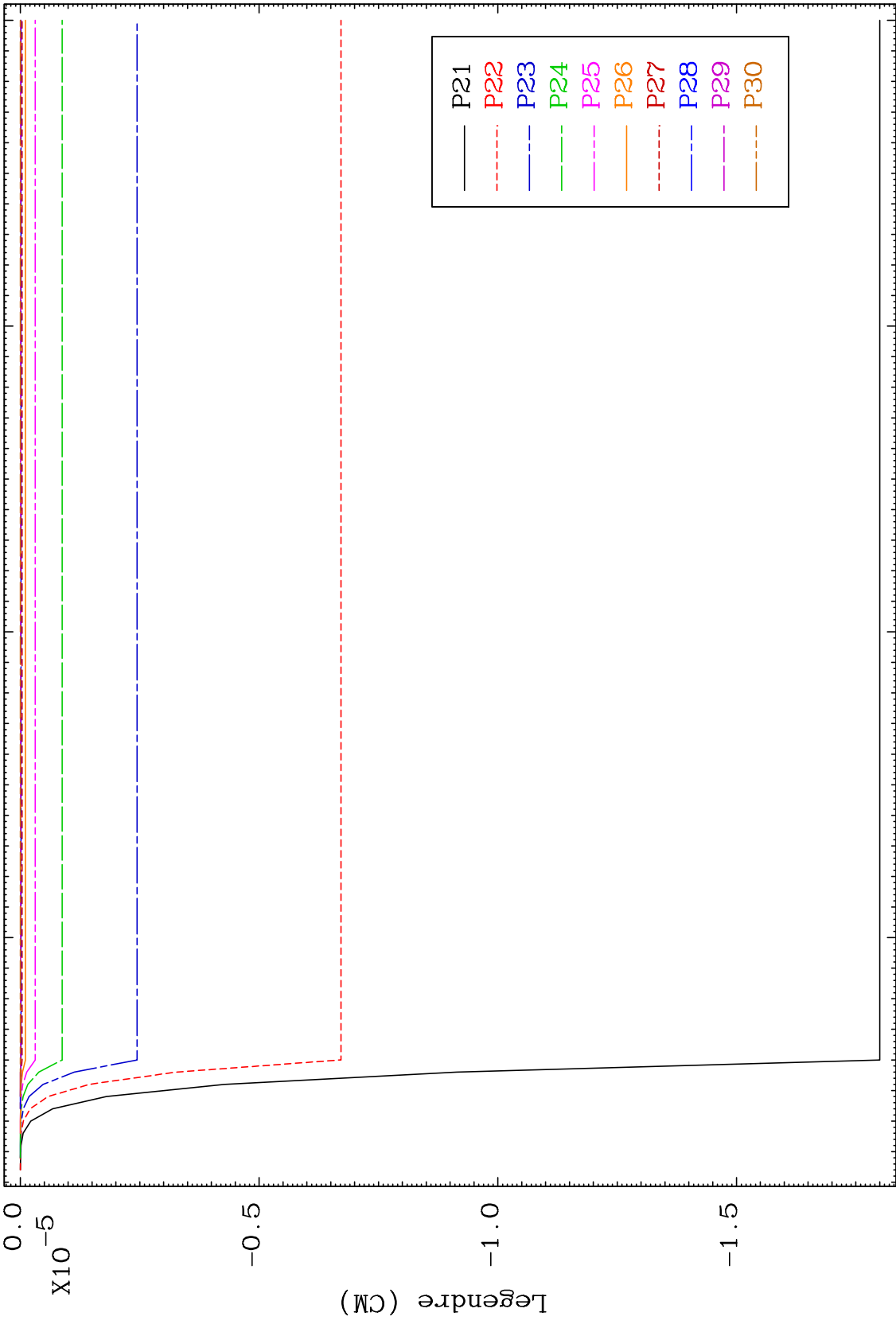
19-K -44



104

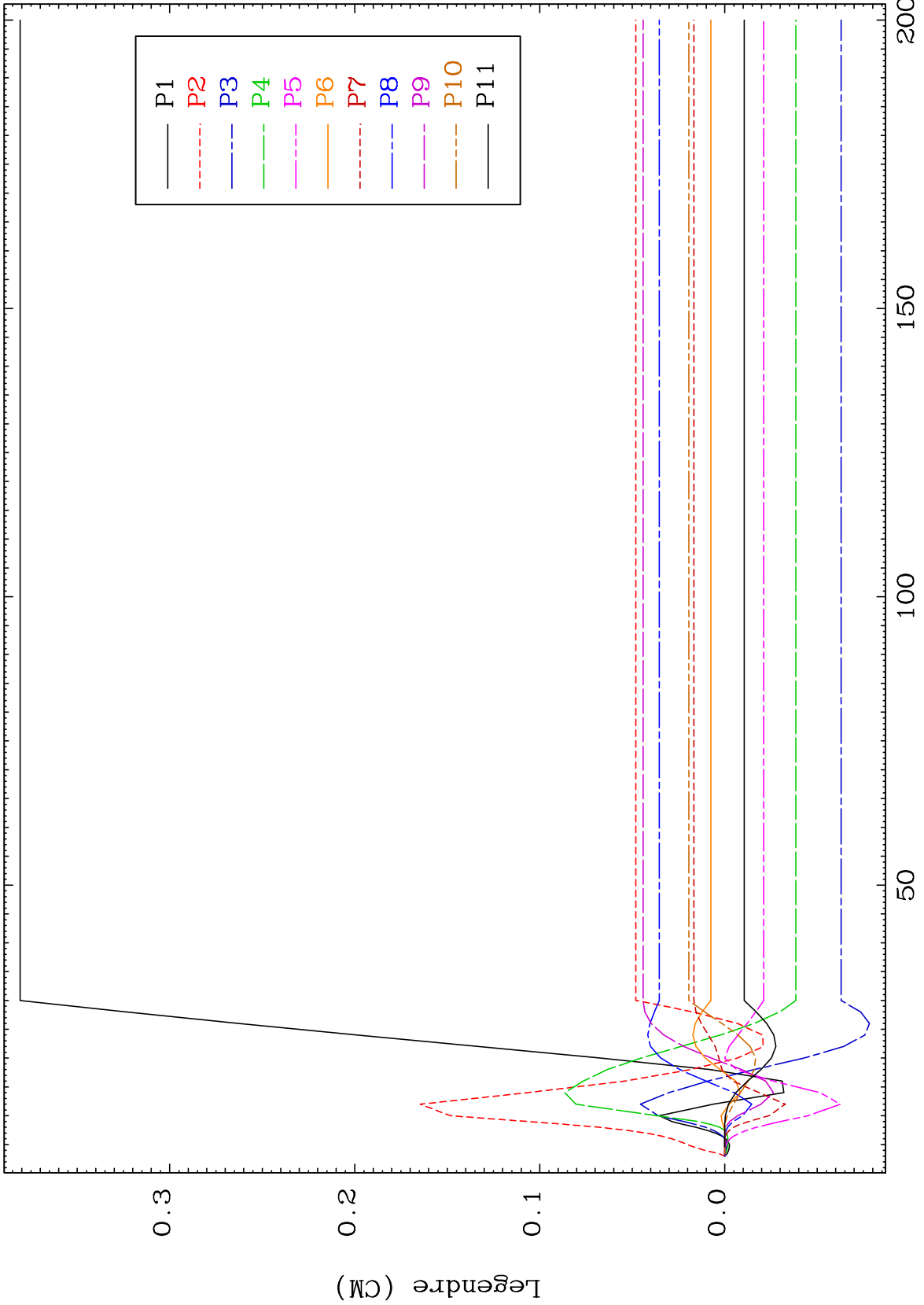
19-K -44

MAT 1940 MT= 79 (n,n') Level Legendre Coefficients 19-K -44



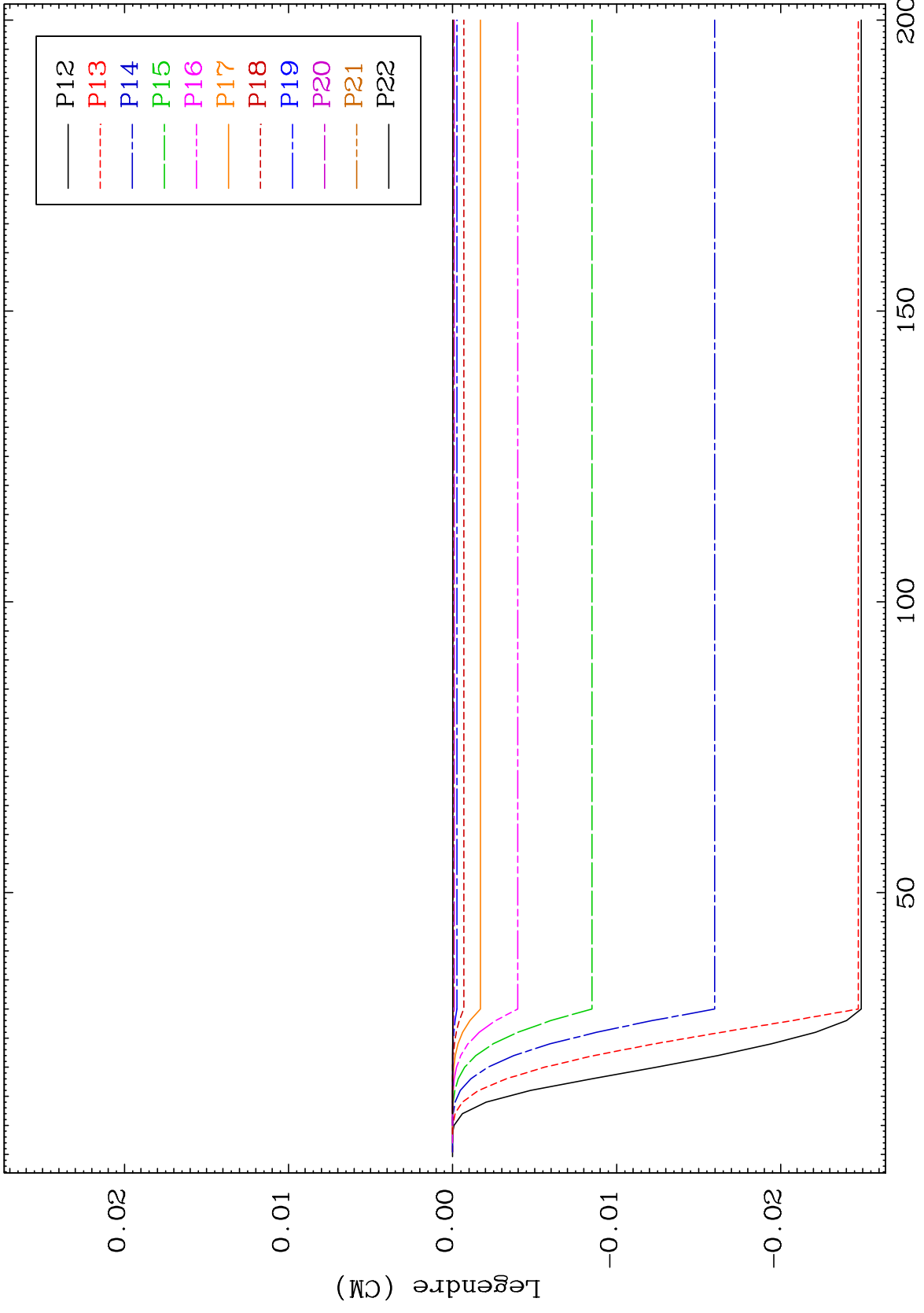
105 Incident Energy (MeV) 19-K -44

MAT 1940 MT= 80 (n,n') Level Legendre Coefficients 19-K -44



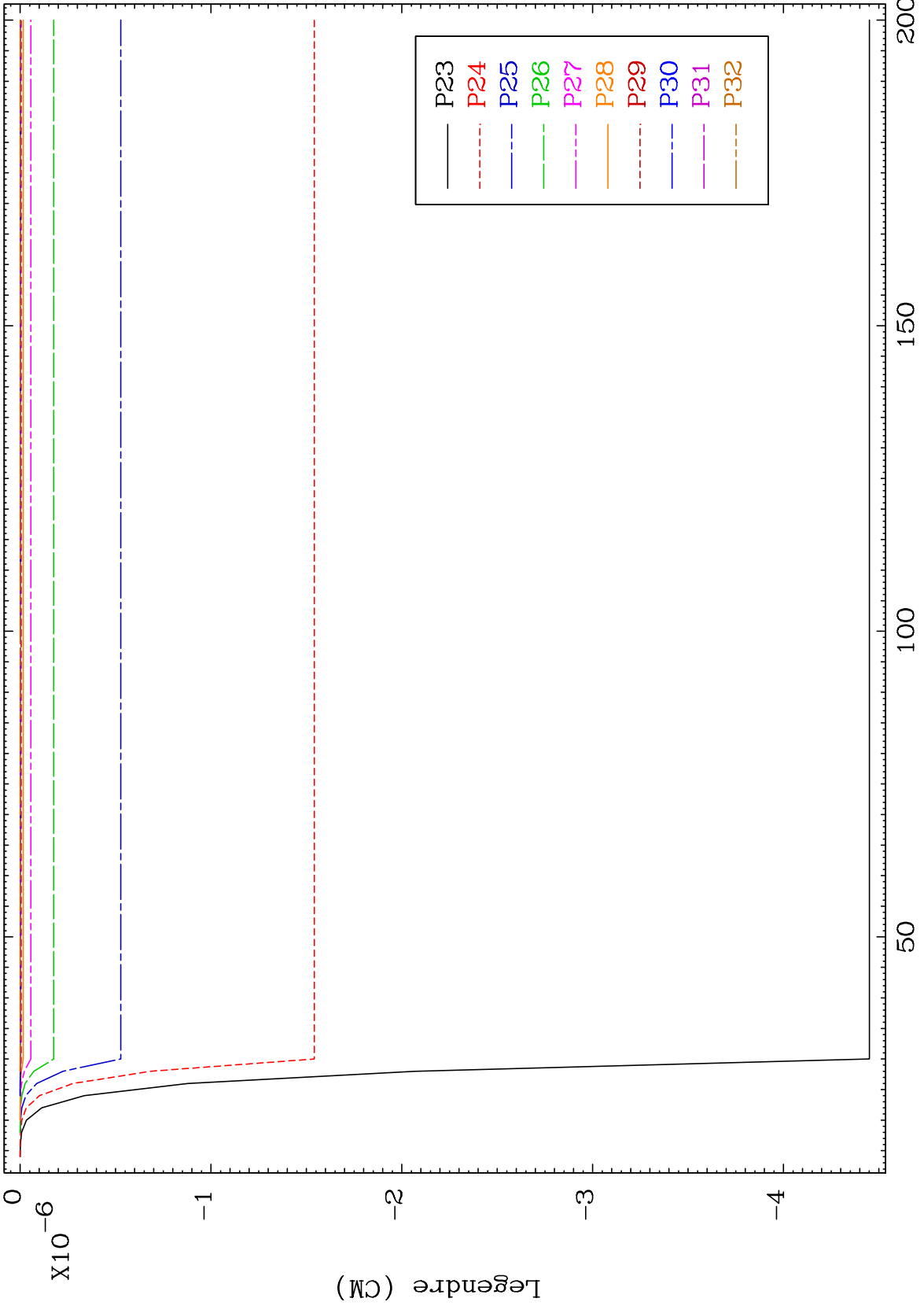
106 19-K -44

MAT 1940 MT= 80 (n,n') Level Legendre Coefficients 19-K -44



107 19-K -44

MAT 1940 MT= 80 (n,n') Level Legendre Coefficients 19-K -44



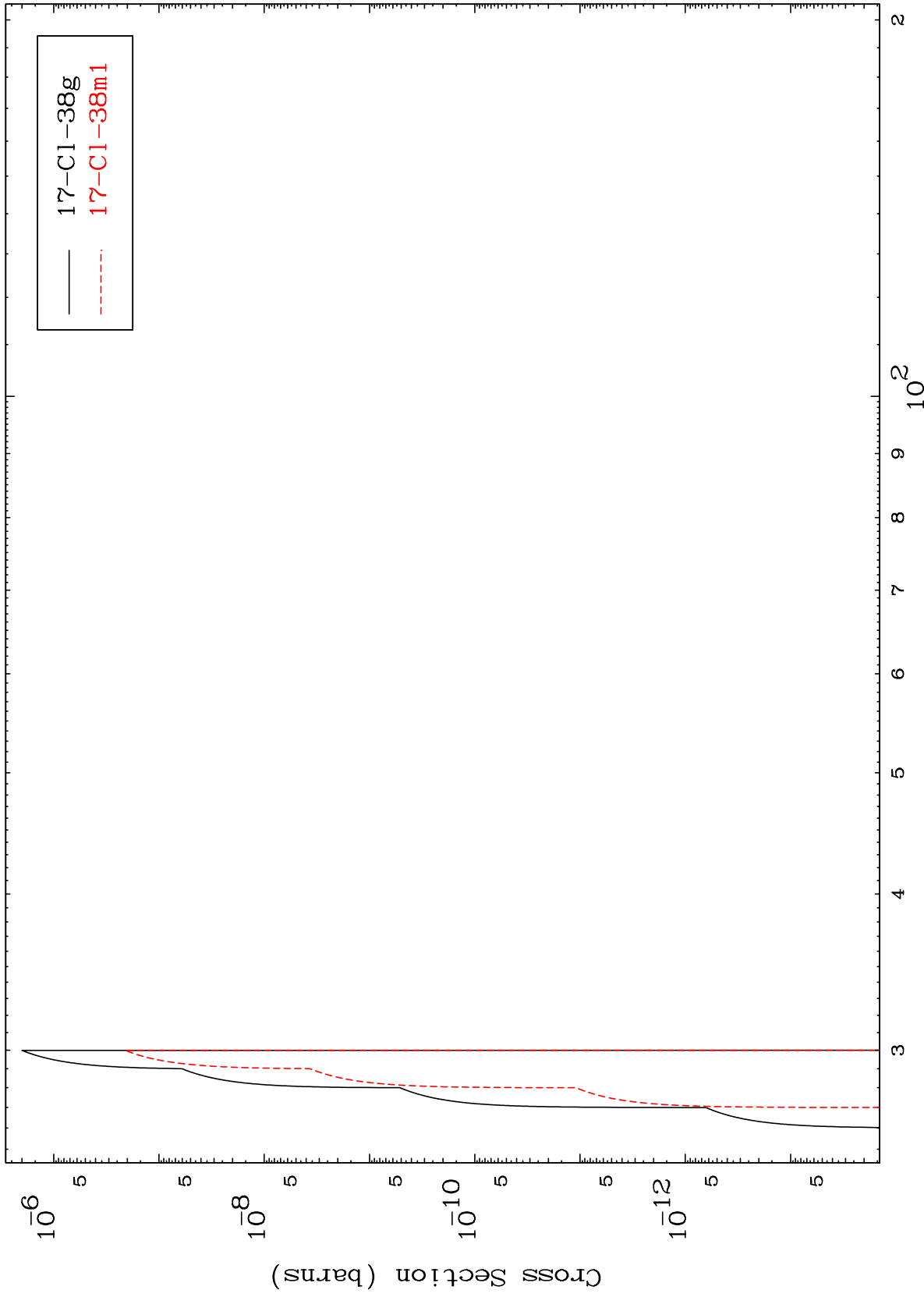
108 19-K -44

MAT 1940

(n,3n)  $\alpha$

19-K -44

Radionuclide Production Cross Section



109

Incident Energy (MeV)

19-K -44