

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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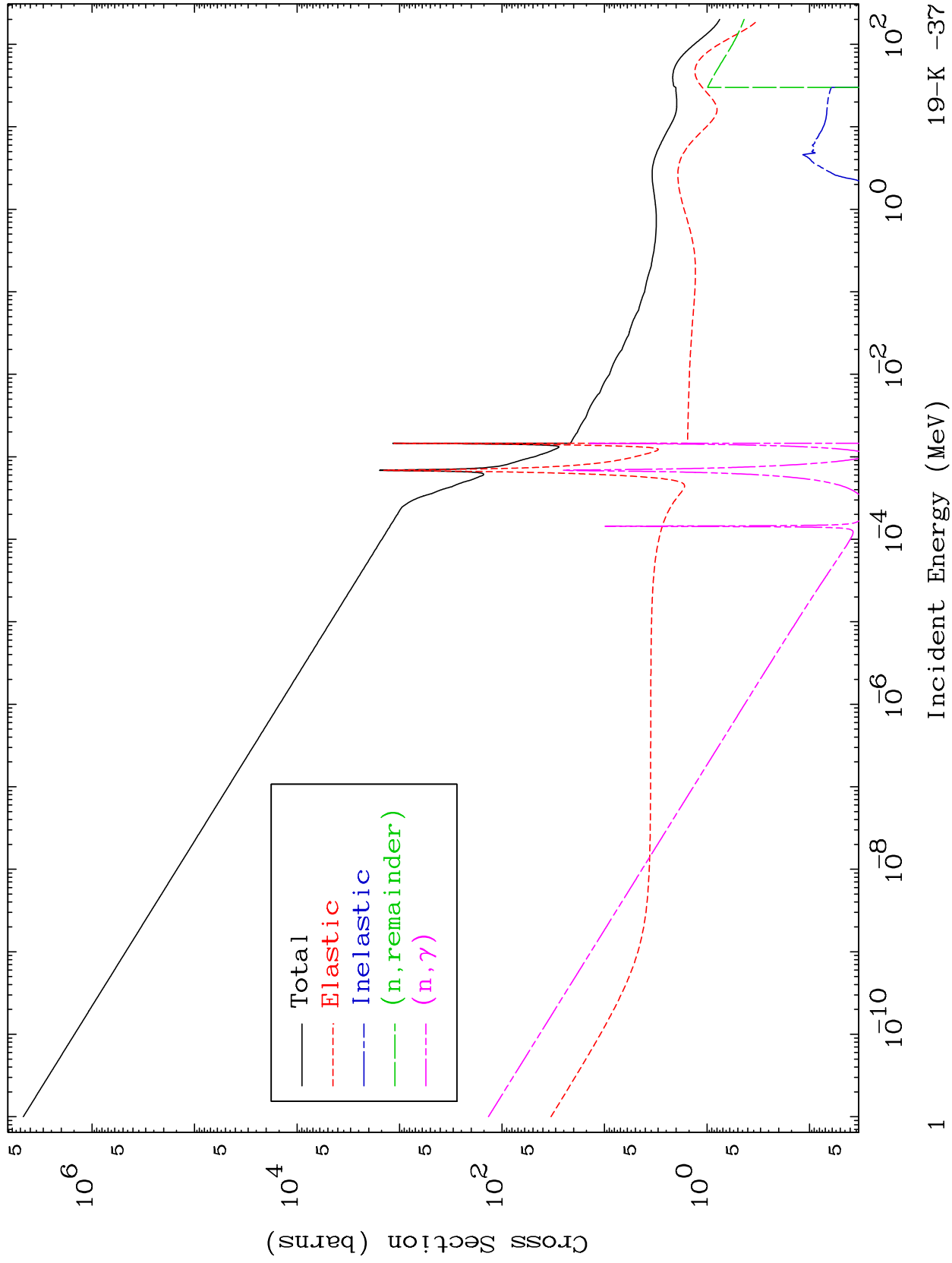
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

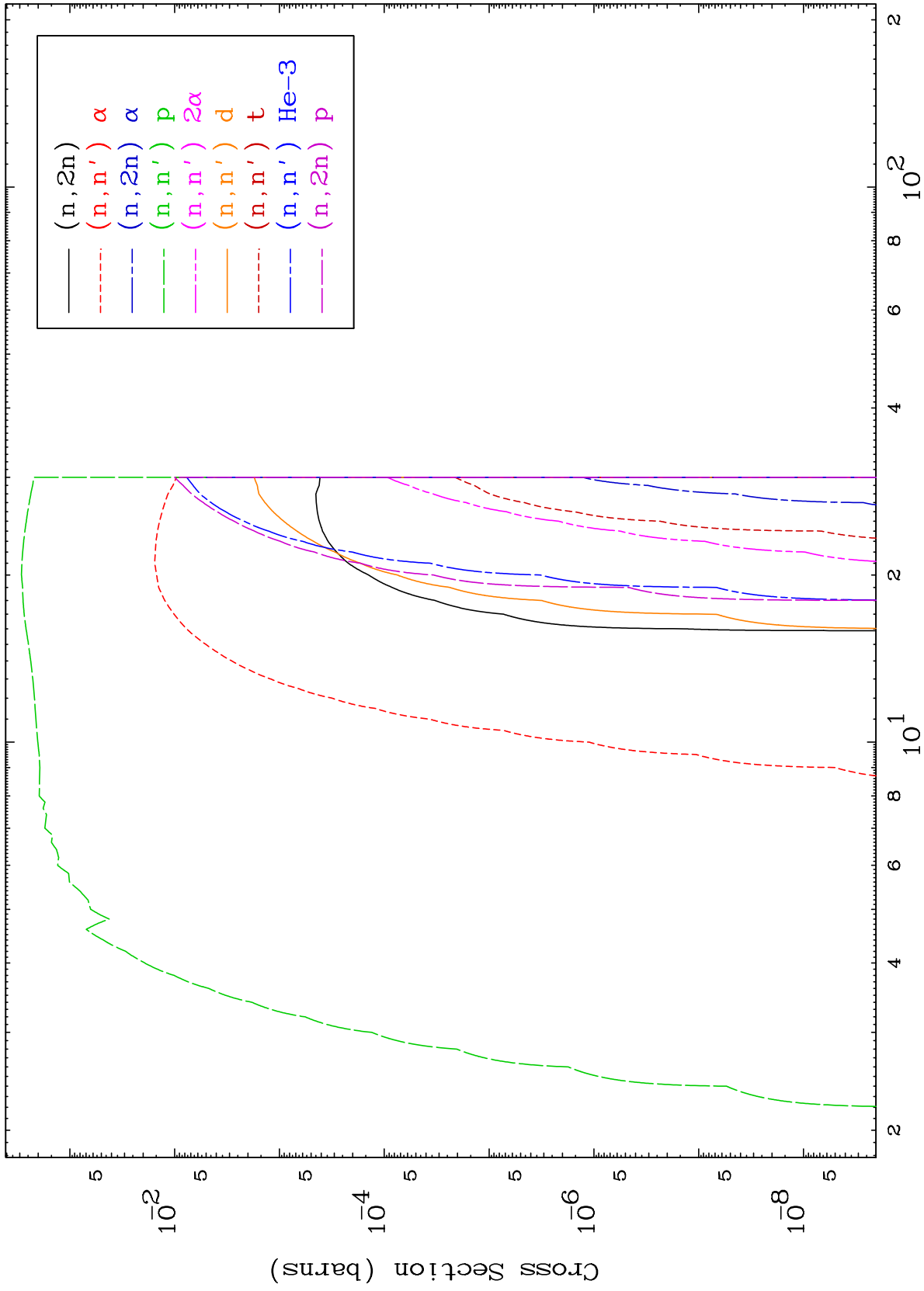
Press Mouse Button to Start

MAT 1919

Major  
293 Kelvin Cross Sections

19-K -37

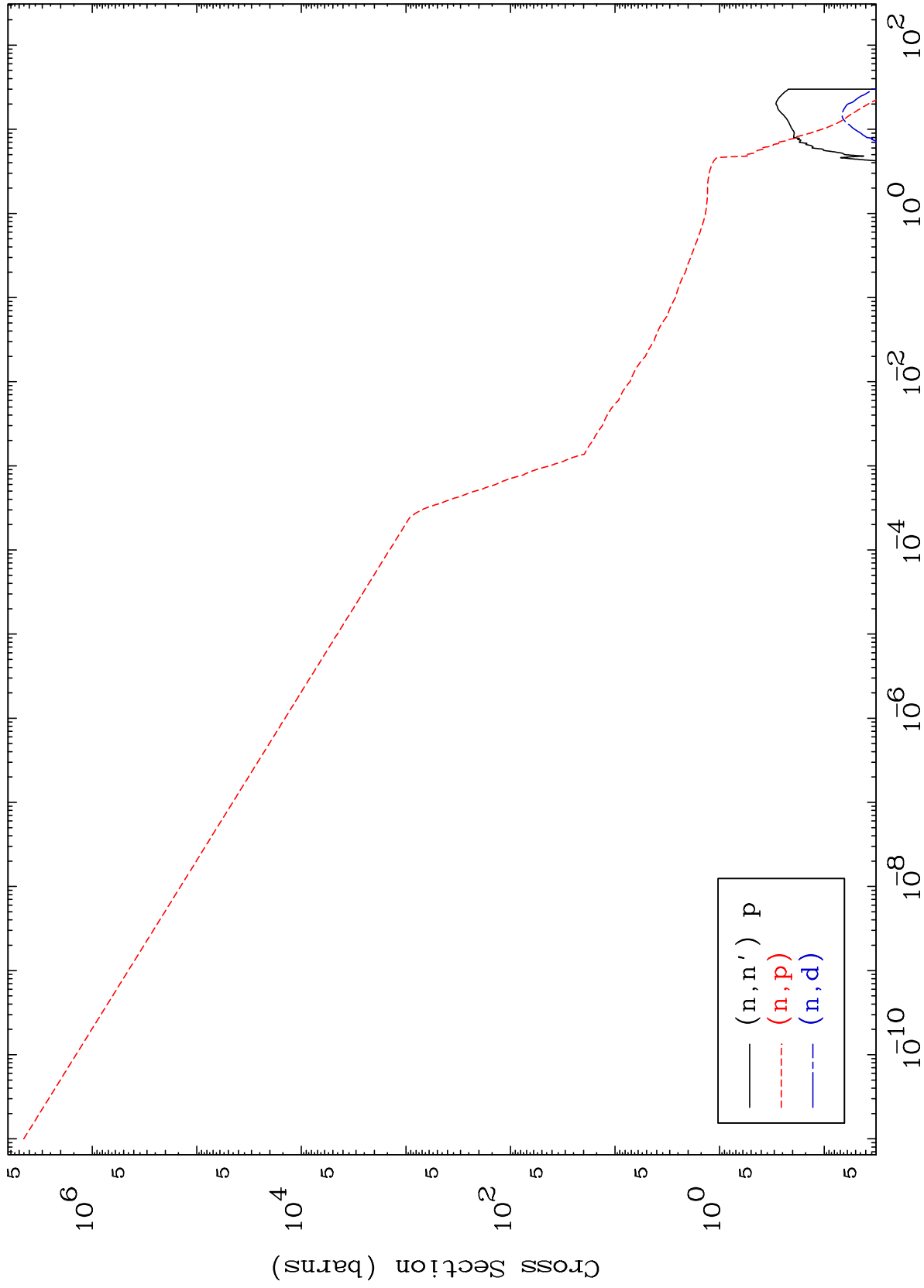


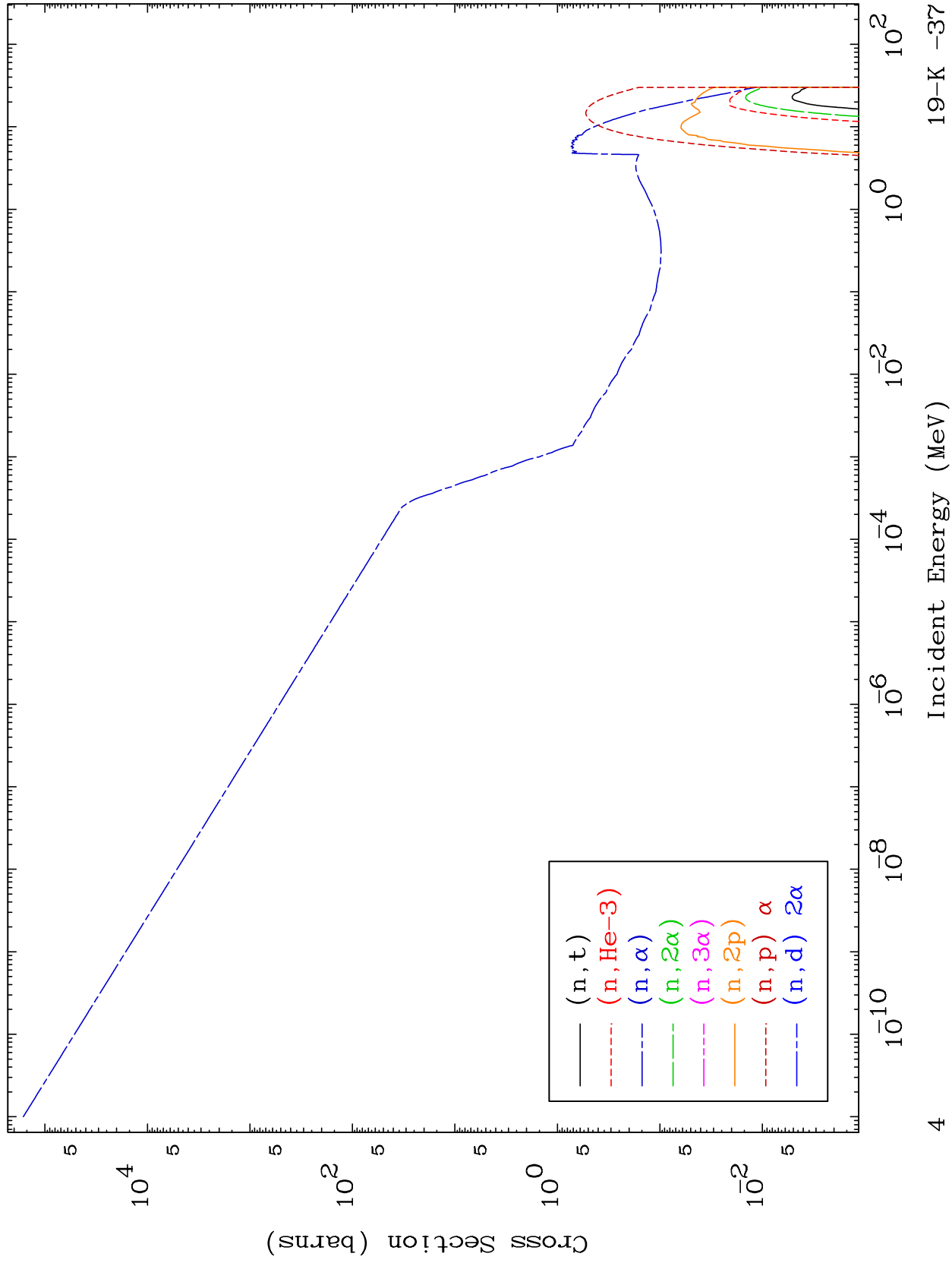


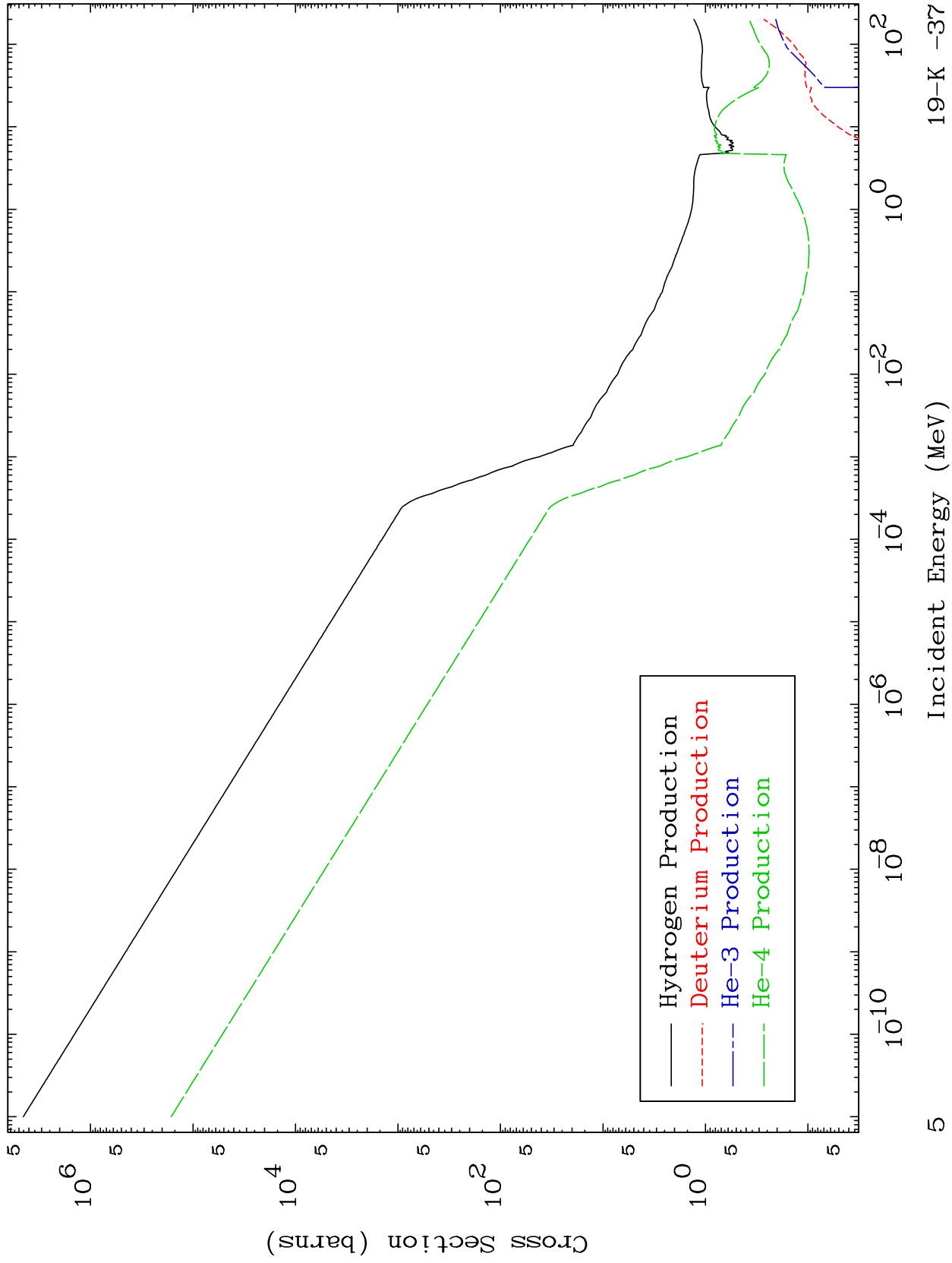
MAT 1919

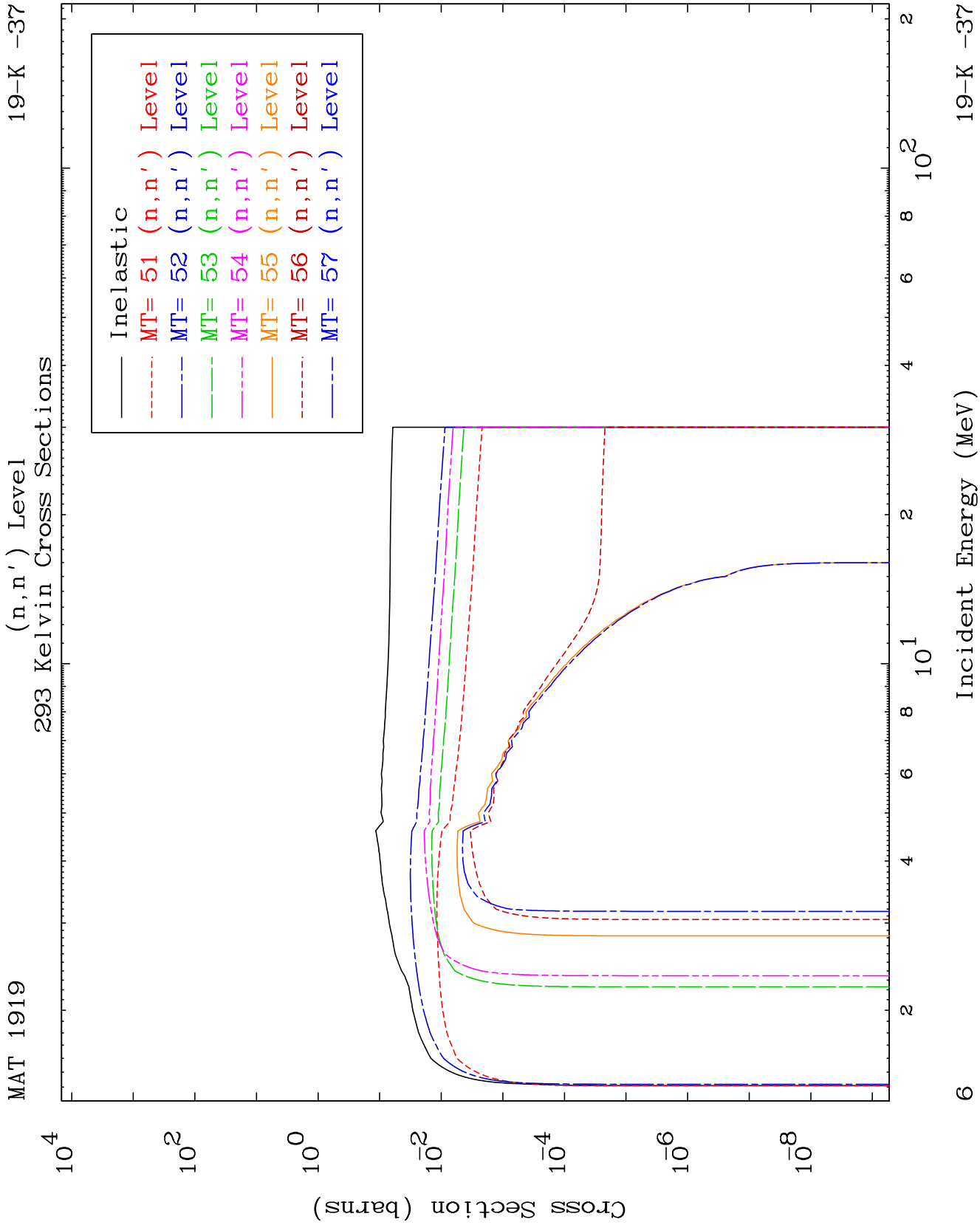
Charged Particle  
293 Kelvin Cross Sections

19-K -37







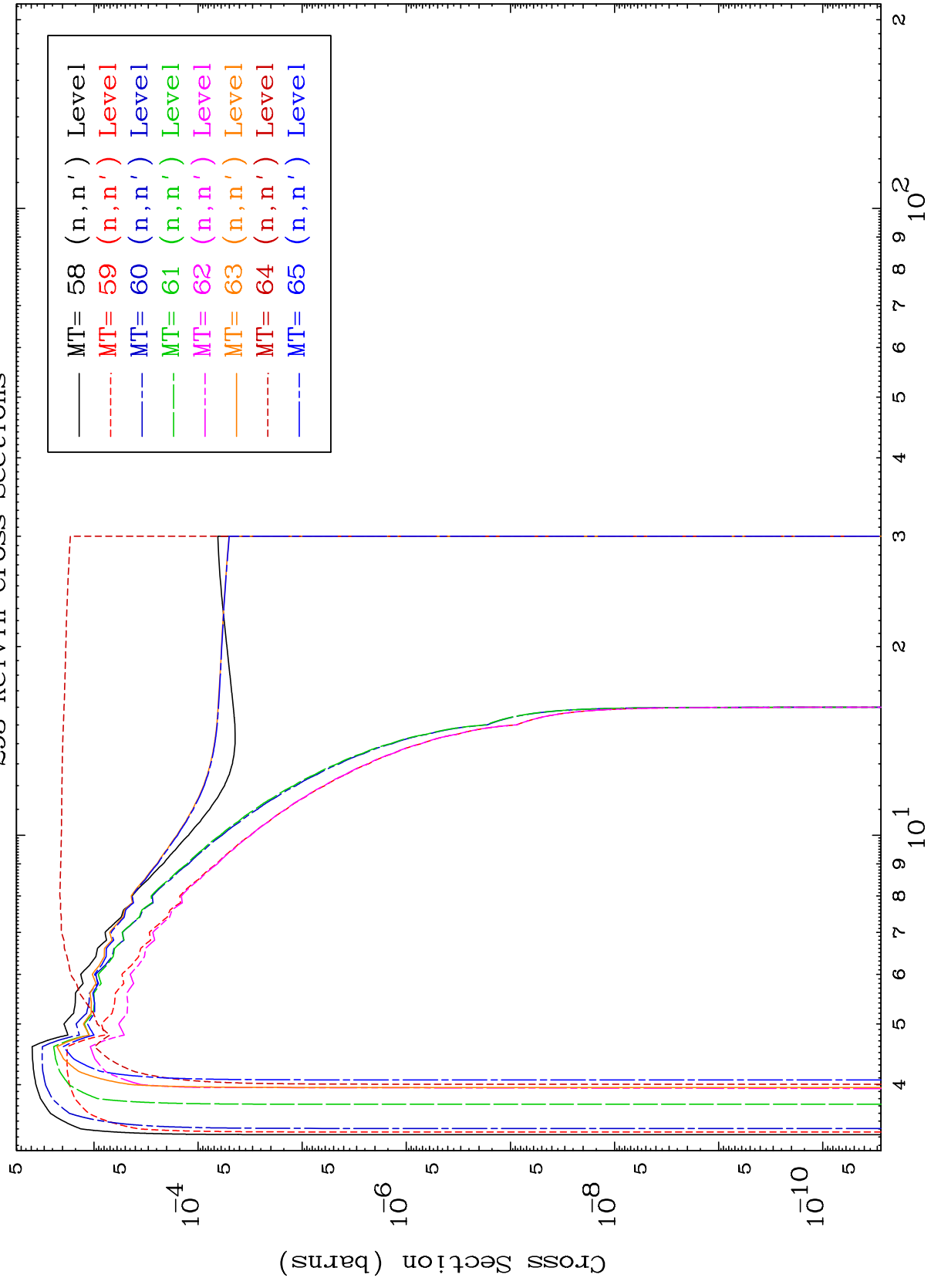


MAT 1919

(n,n') Level

19-K -37

293 Kelvin Cross Sections



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Incident Energy (MeV)

19-K -37

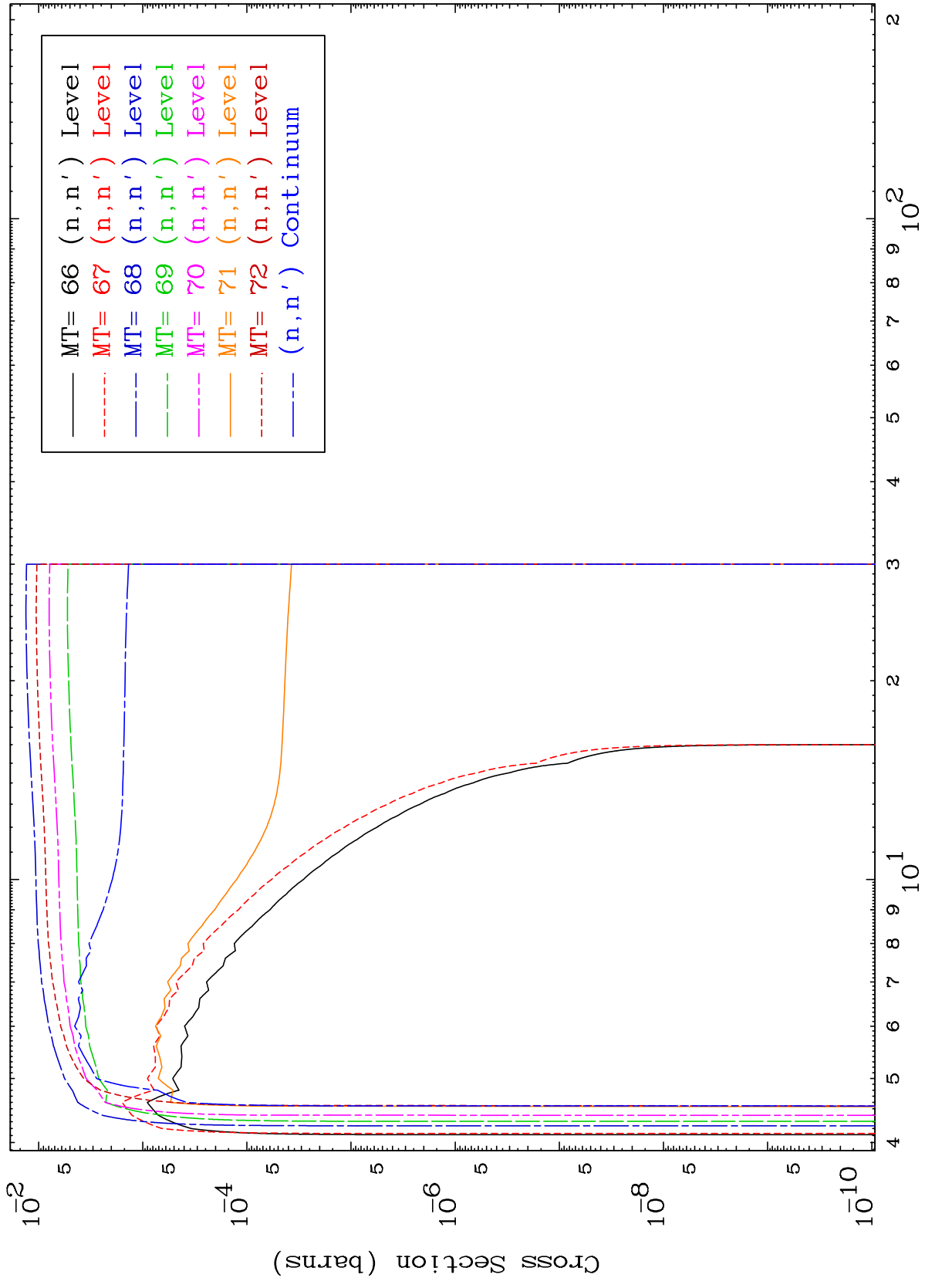


MAT 1919

(n,n') Level

19-K -37

293 Kelvin Cross Sections



8

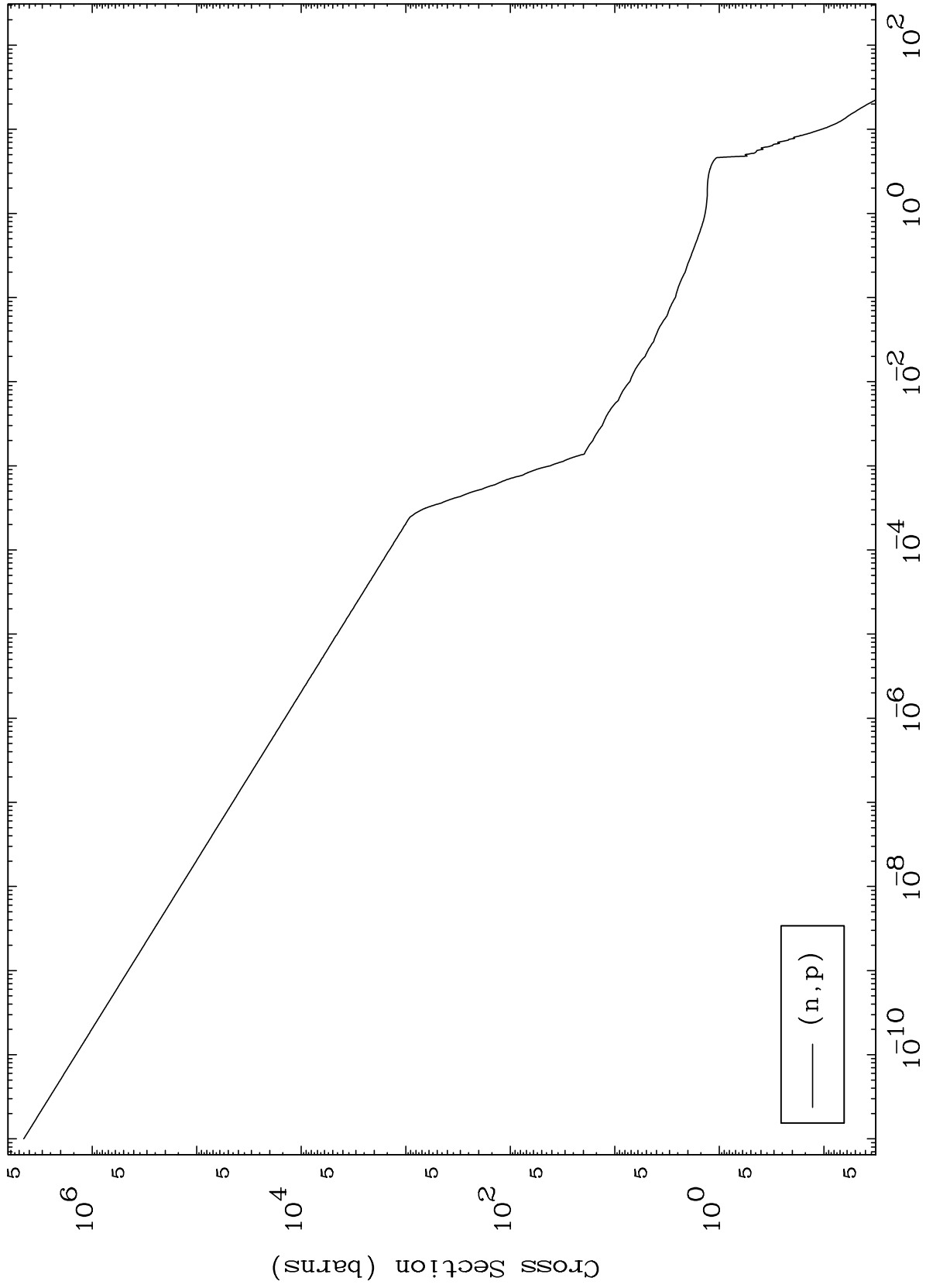
Incident Energy (MeV)

19-K -37

MAT 1919

(n,p) Levels  
293 Kelvin Cross Sections

19-K -37

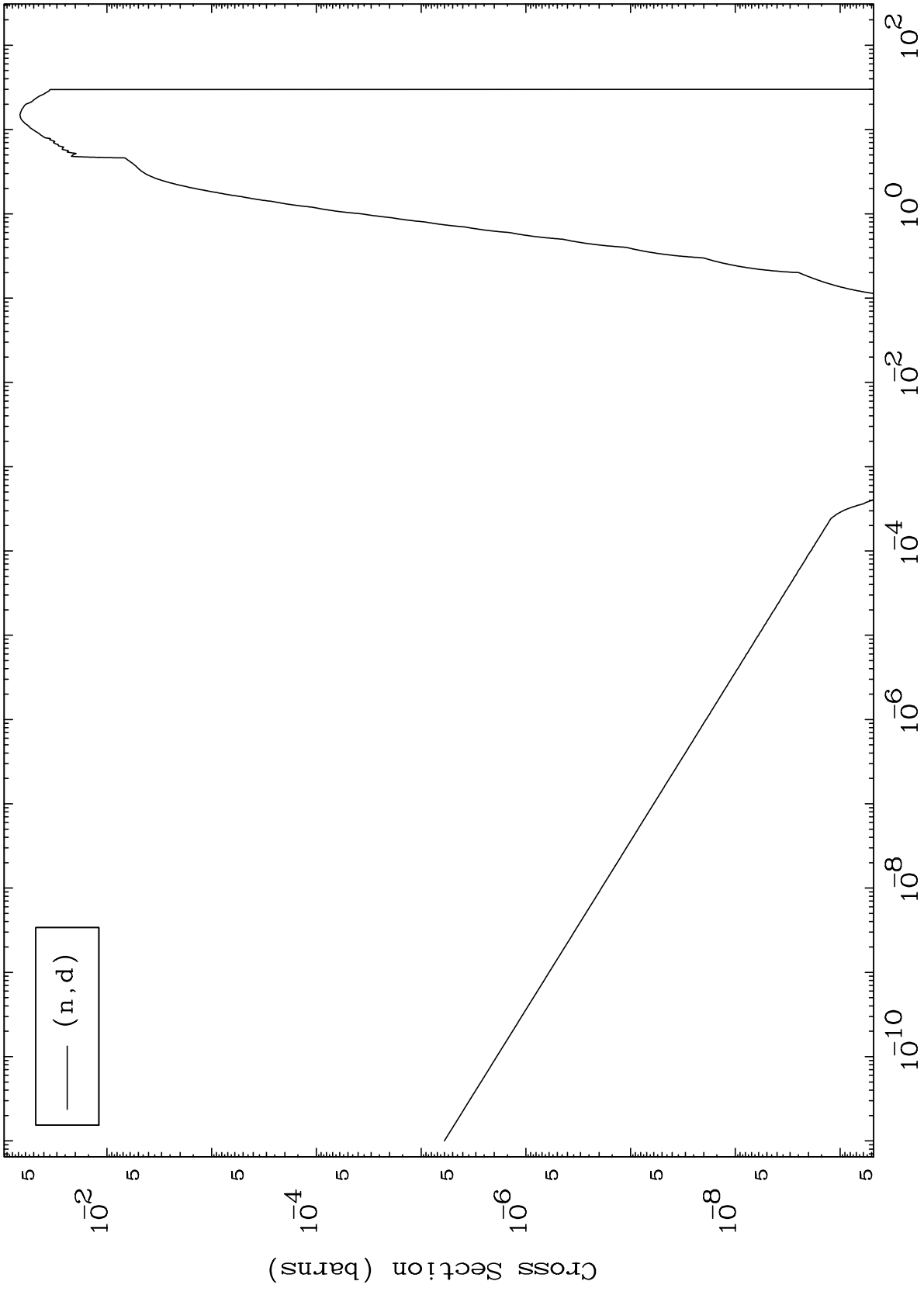


— (n, p)

MAT 1919

293 Kelvin Cross Sections  
(n,d) Levels

19-K -37



10

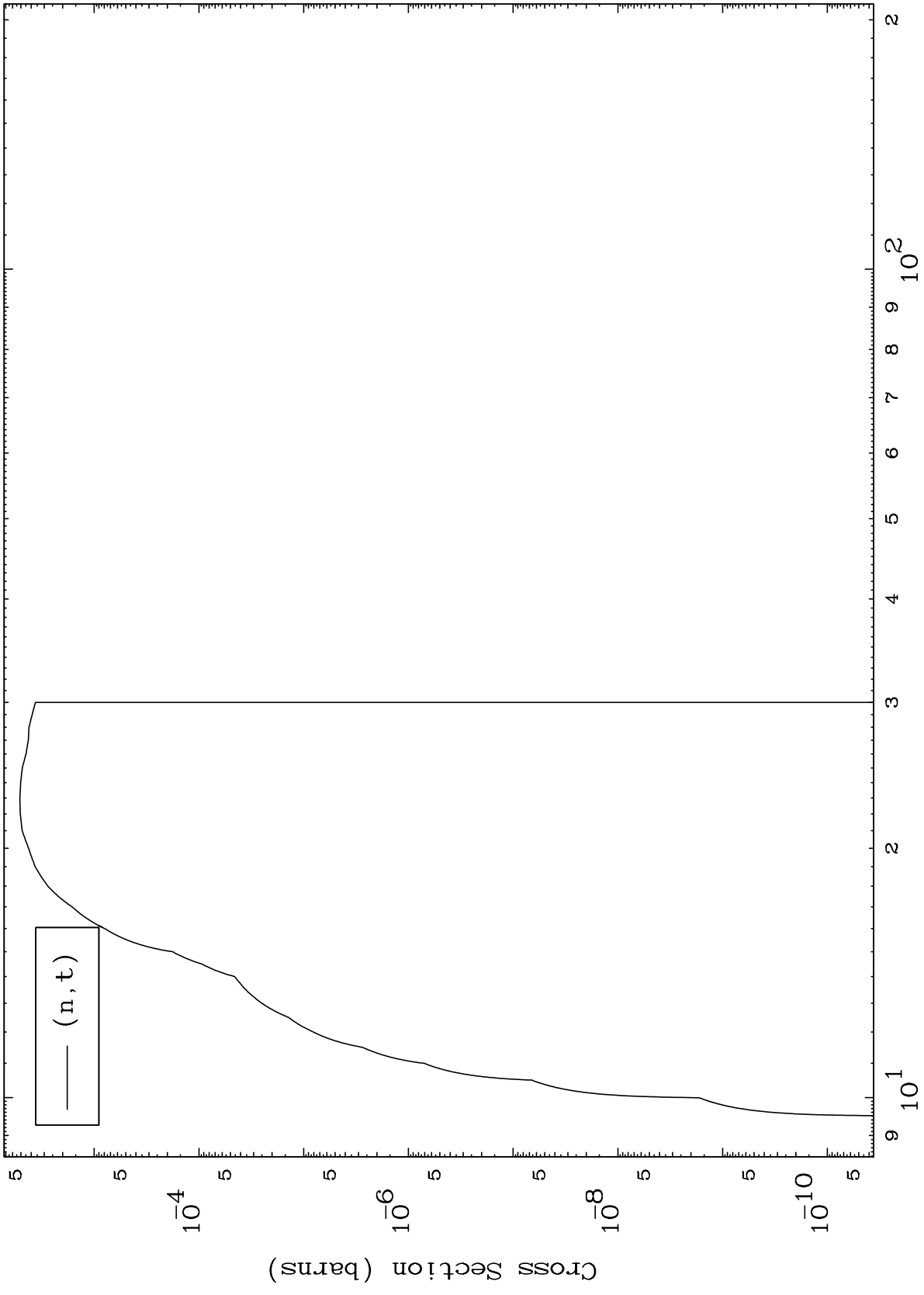
Incident Energy (MeV)

19-K -37

MAT 1919

(n,t) Levels  
293 Kelvin Cross Sections

19-K -37



11

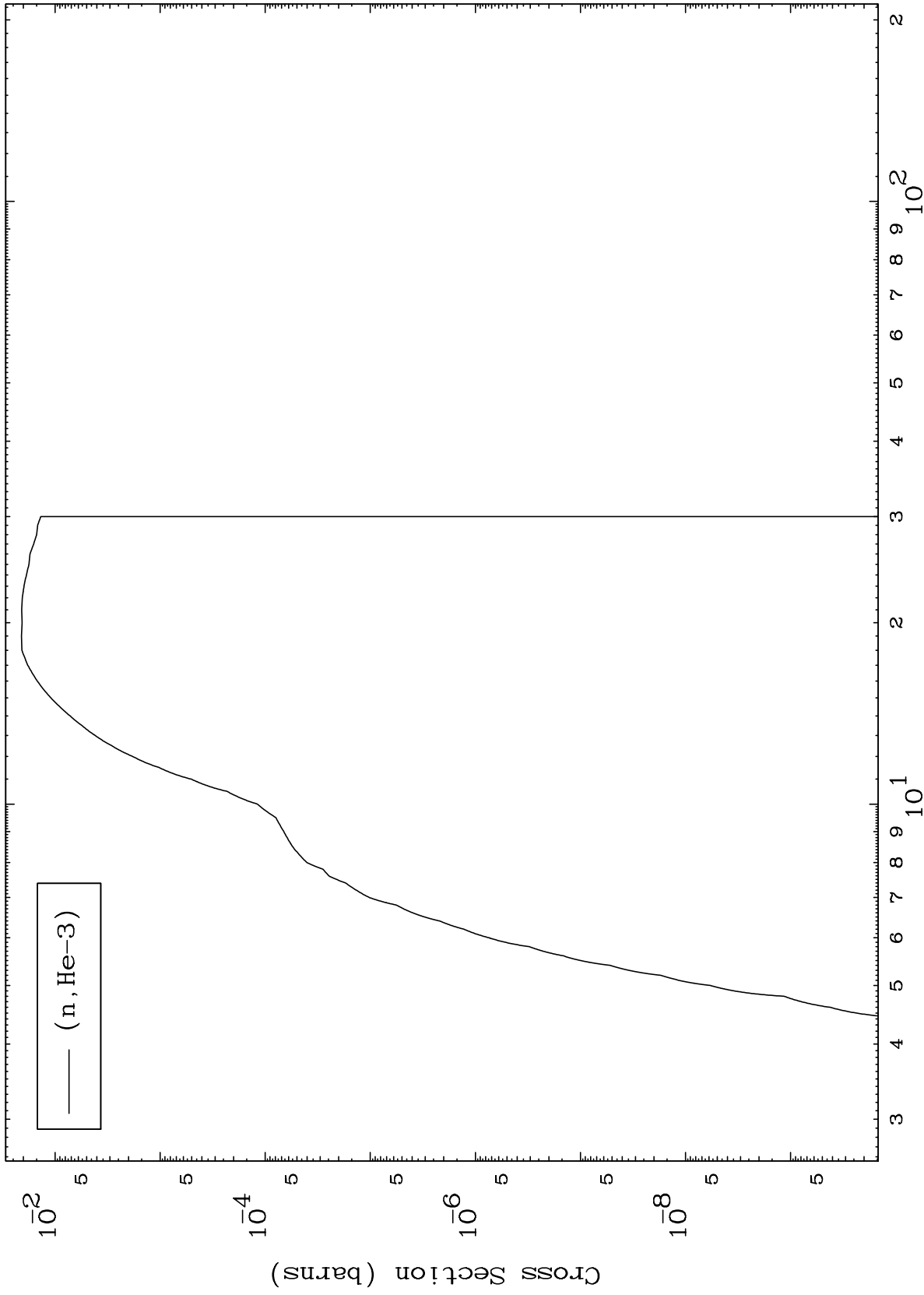
Incident Energy (MeV)

19-K -37

MAT 1919

(n,He3) Levels  
293 Kelvin Cross Sections

19-K -37



12

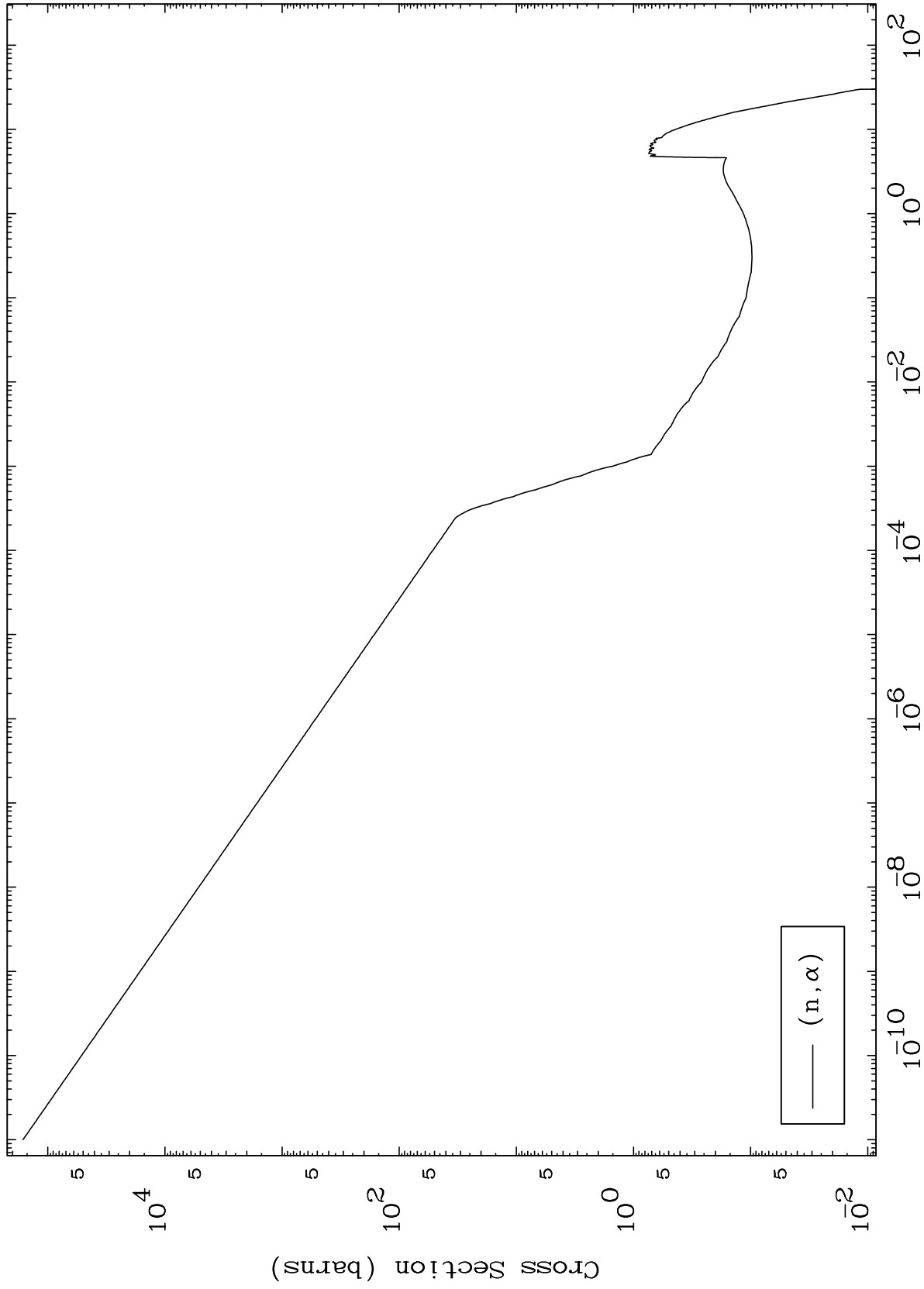
Incident Energy (MeV)

19-K -37

MAT 1919

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

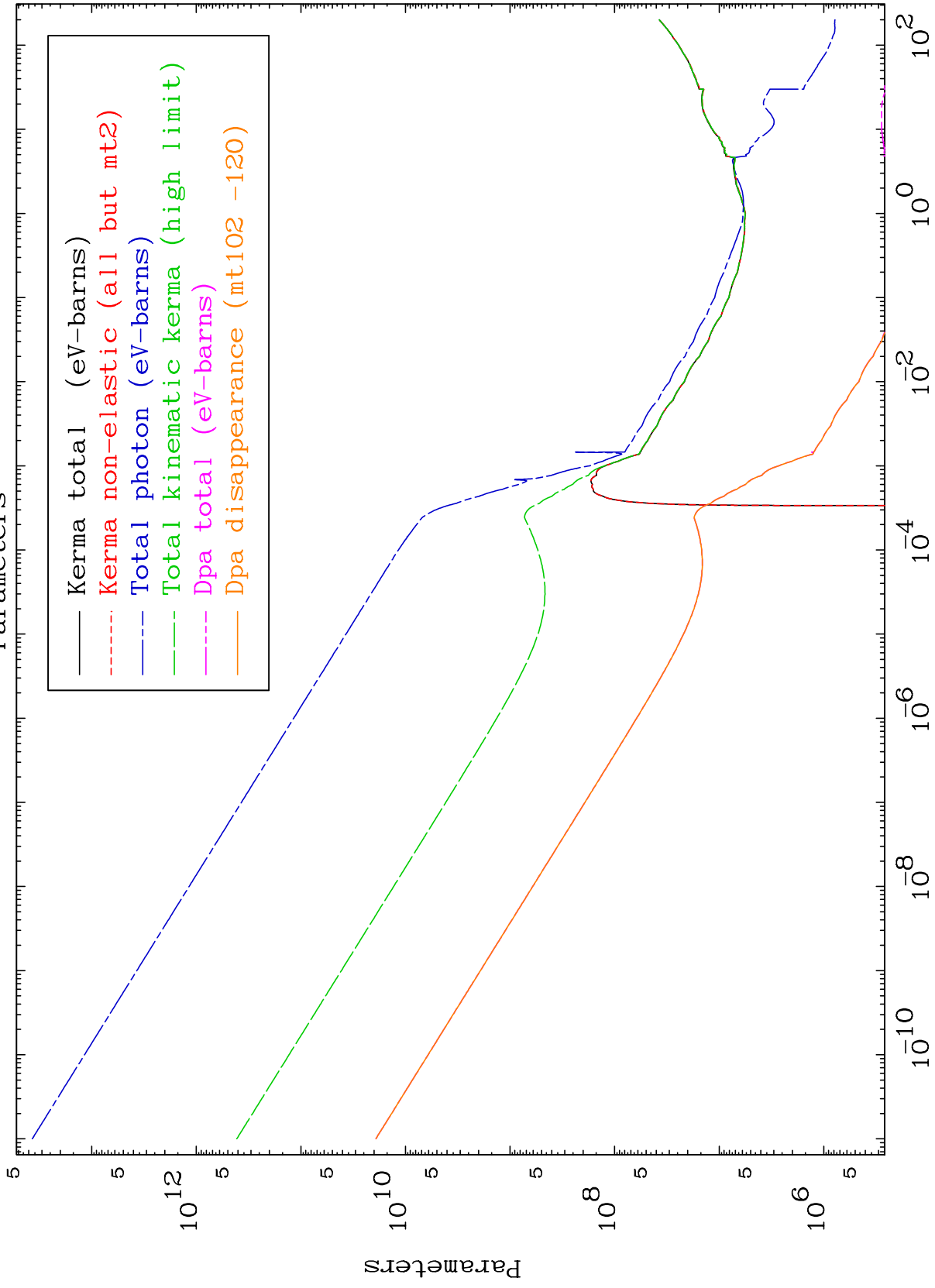
19-K -37



13

Incident Energy (MeV)

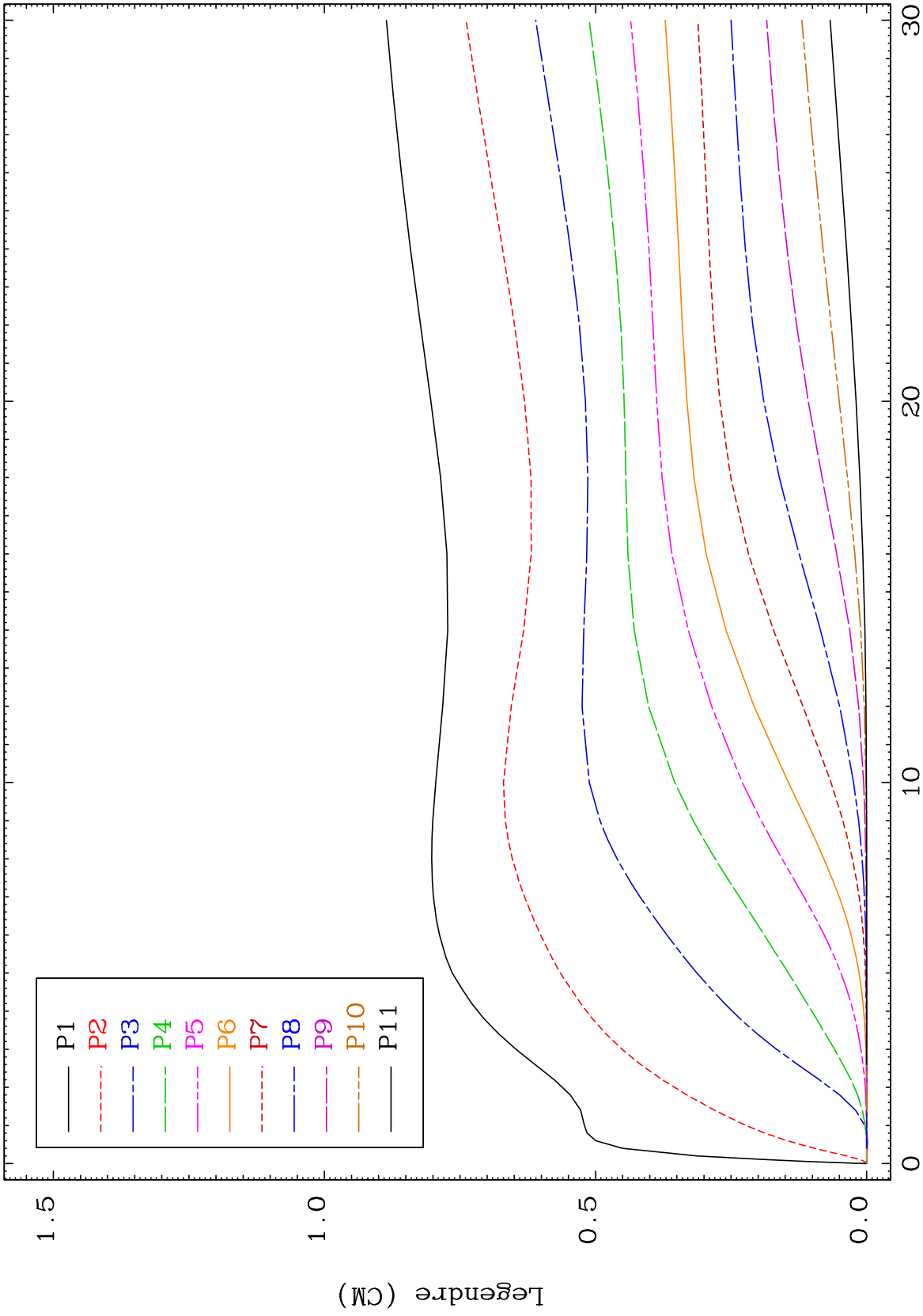
19-K -37



MAT 1919

Elastic Legendre Coefficients

19-K -37



15

Incident Energy (MeV)

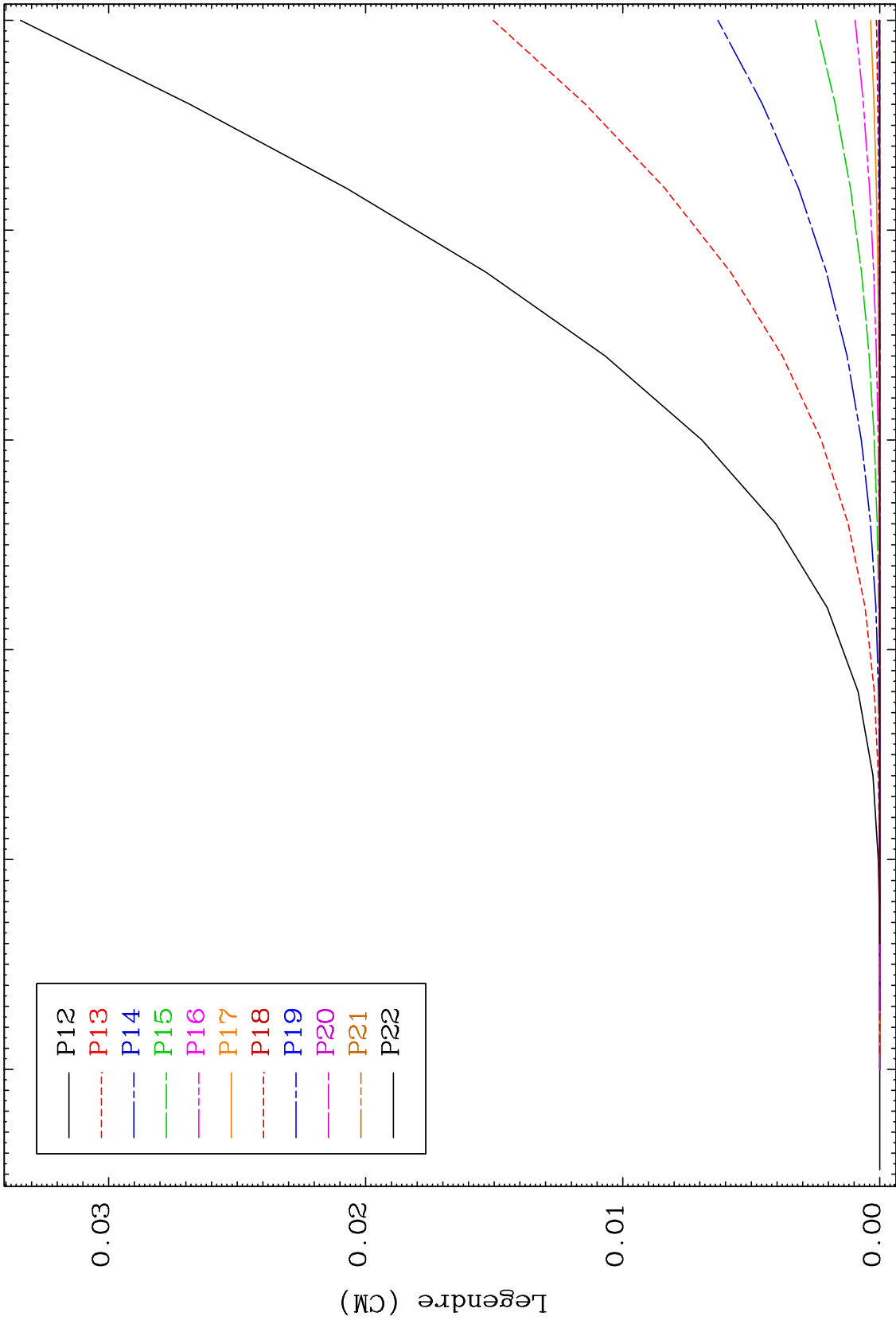
19-K -37



MAT 1919

Elastic Legendre Coefficients

19-K -37



16

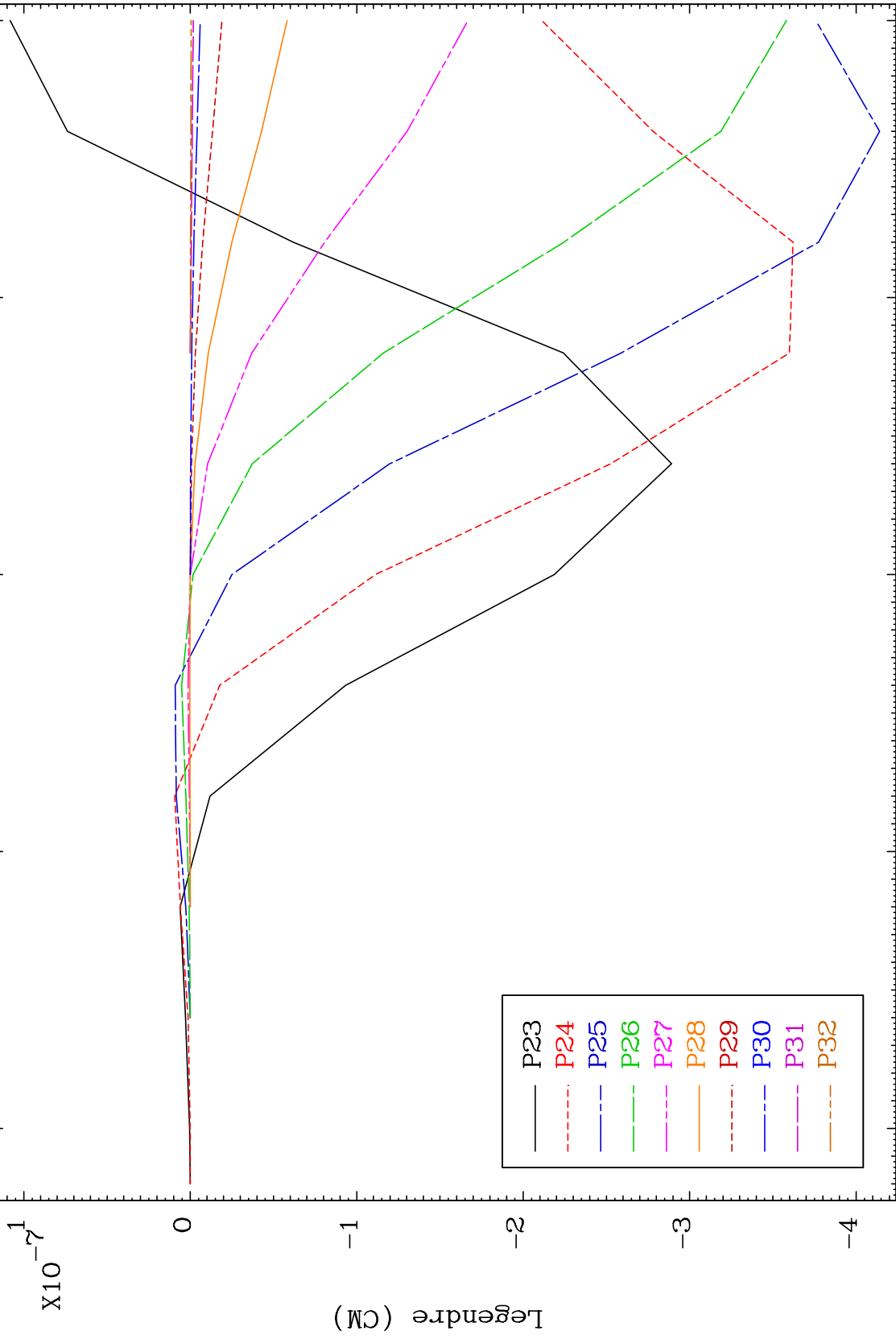
Incident Energy (MeV)

19-K -37

MAT 1919

Elastic Legendre Coefficients

19-K -37



17

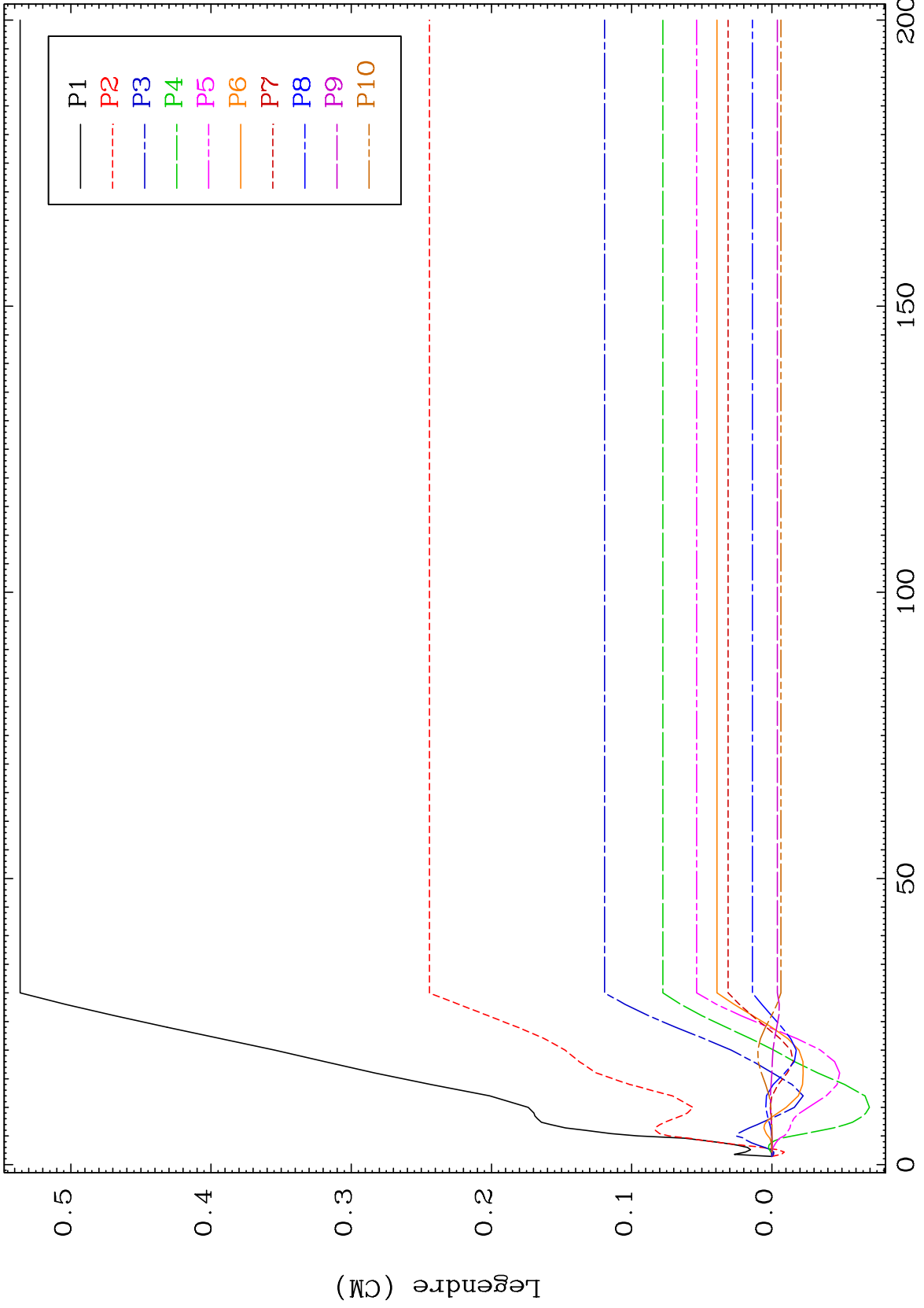
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



18

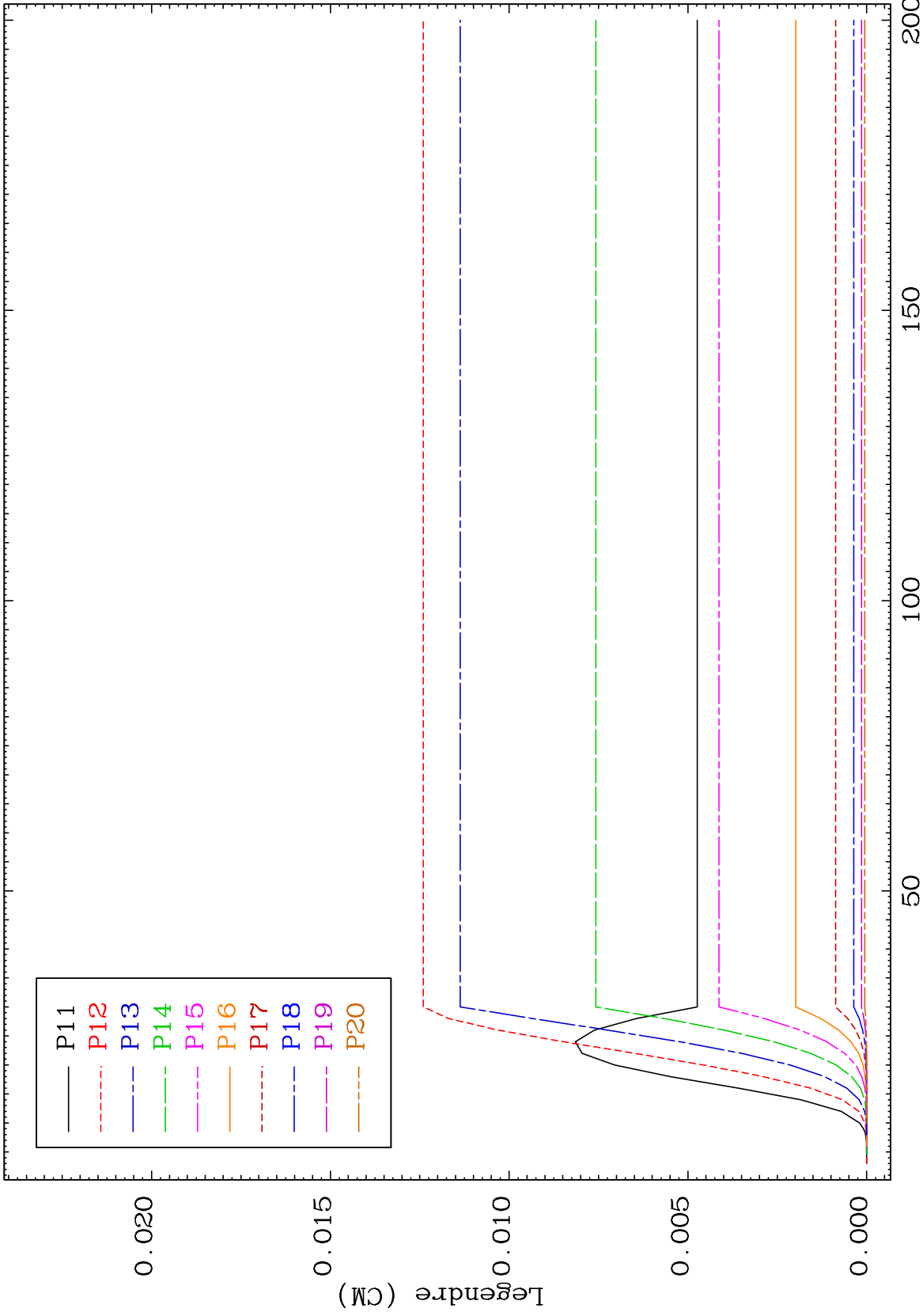
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



19

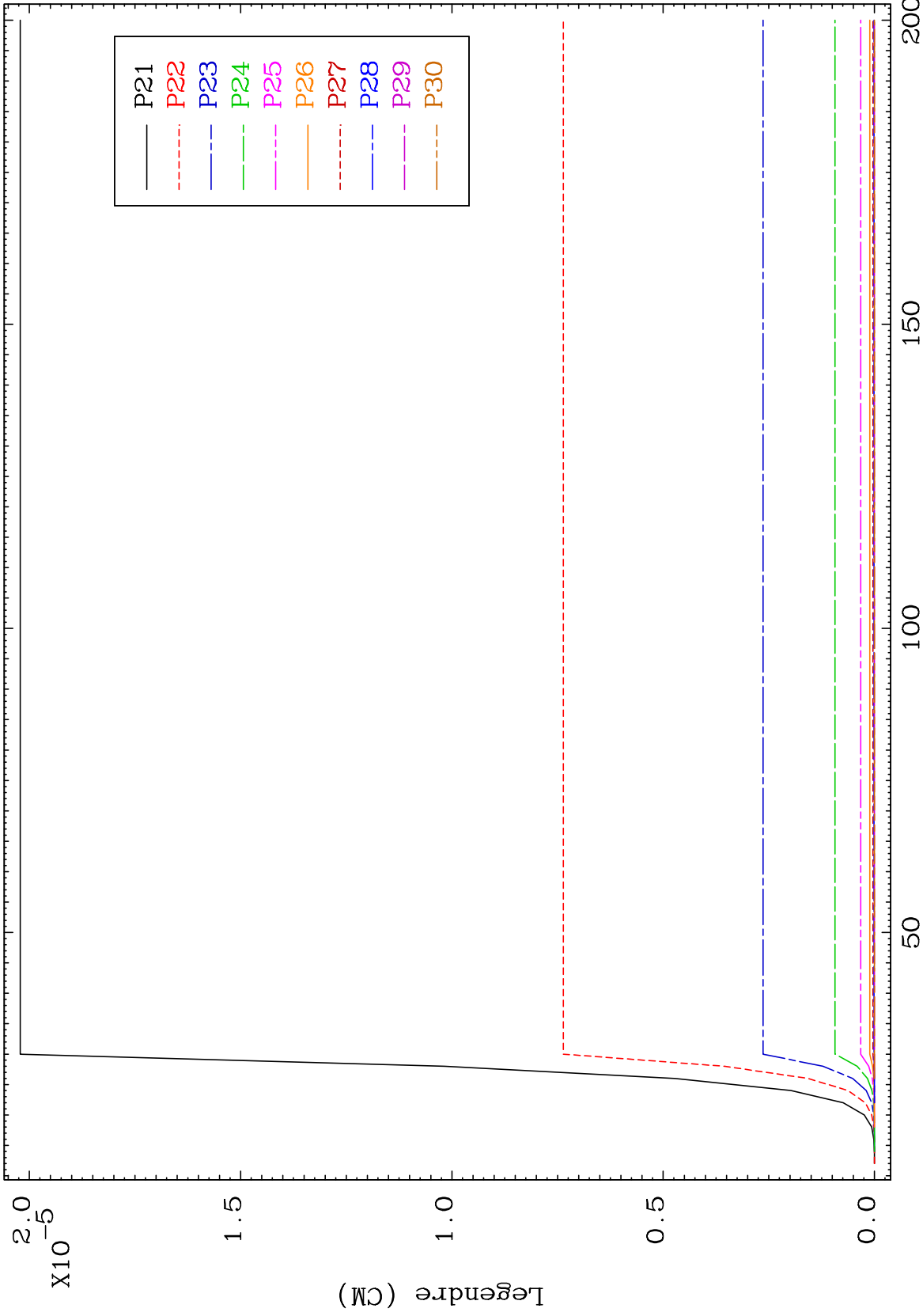
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



20

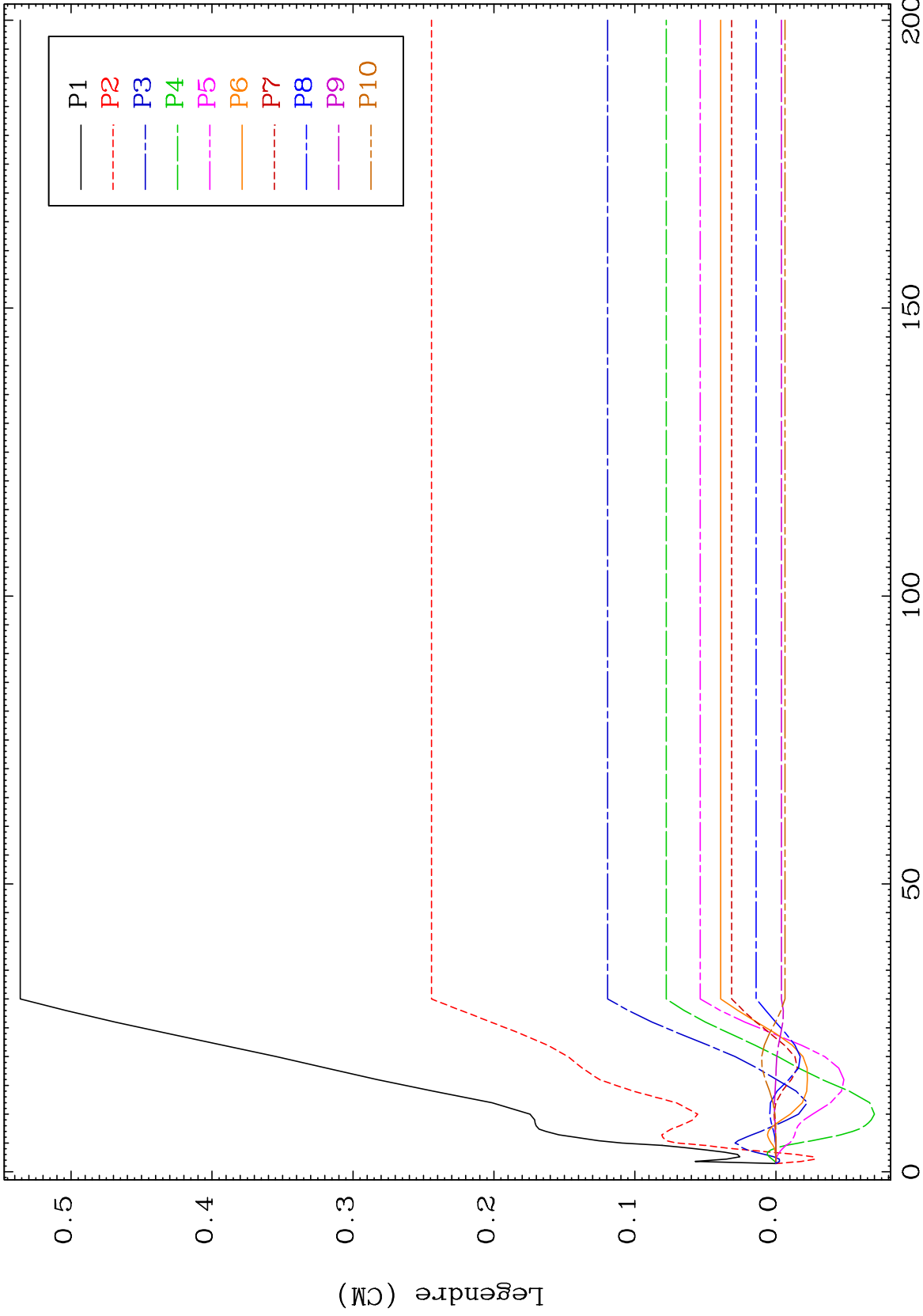
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



21

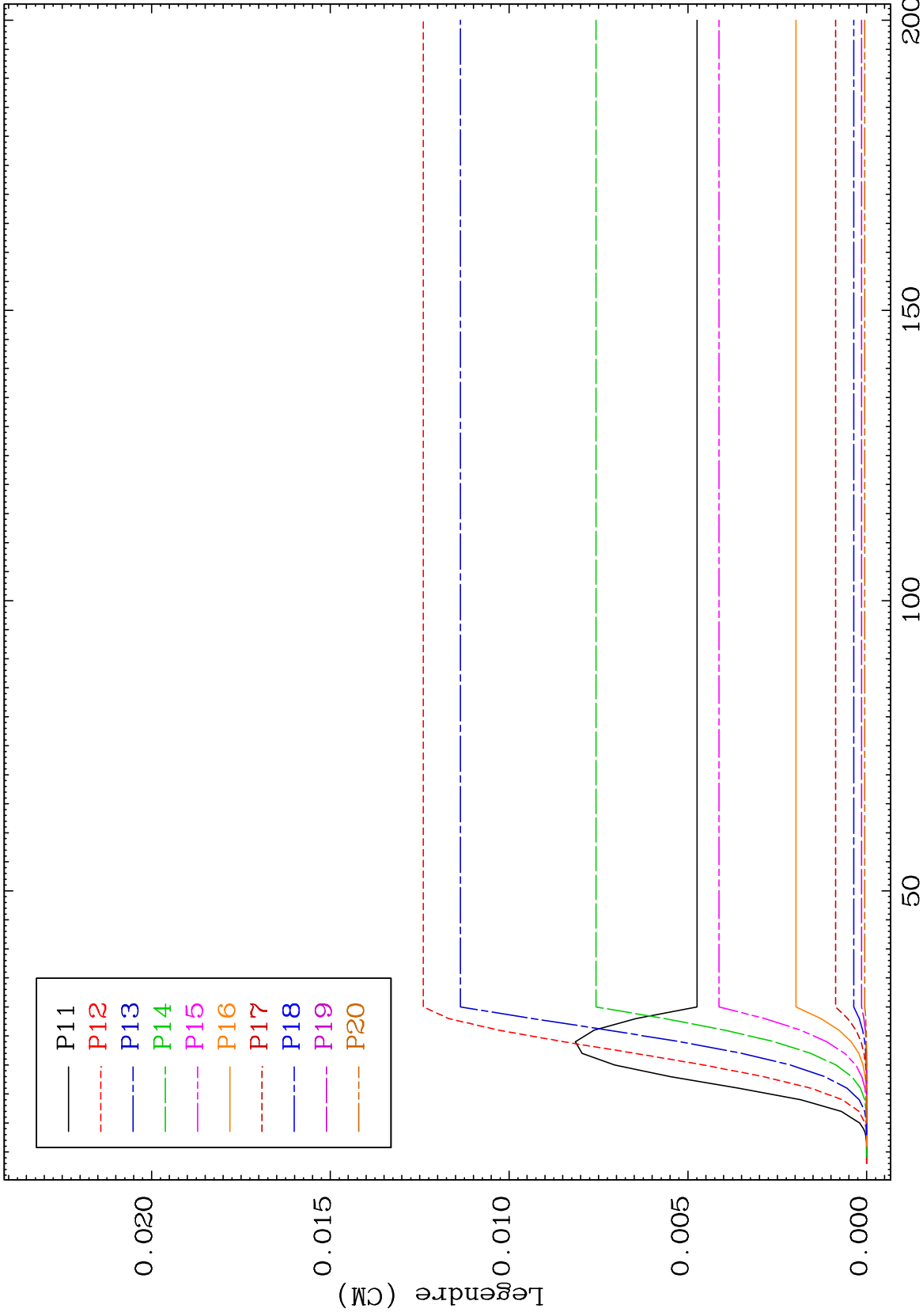
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



22

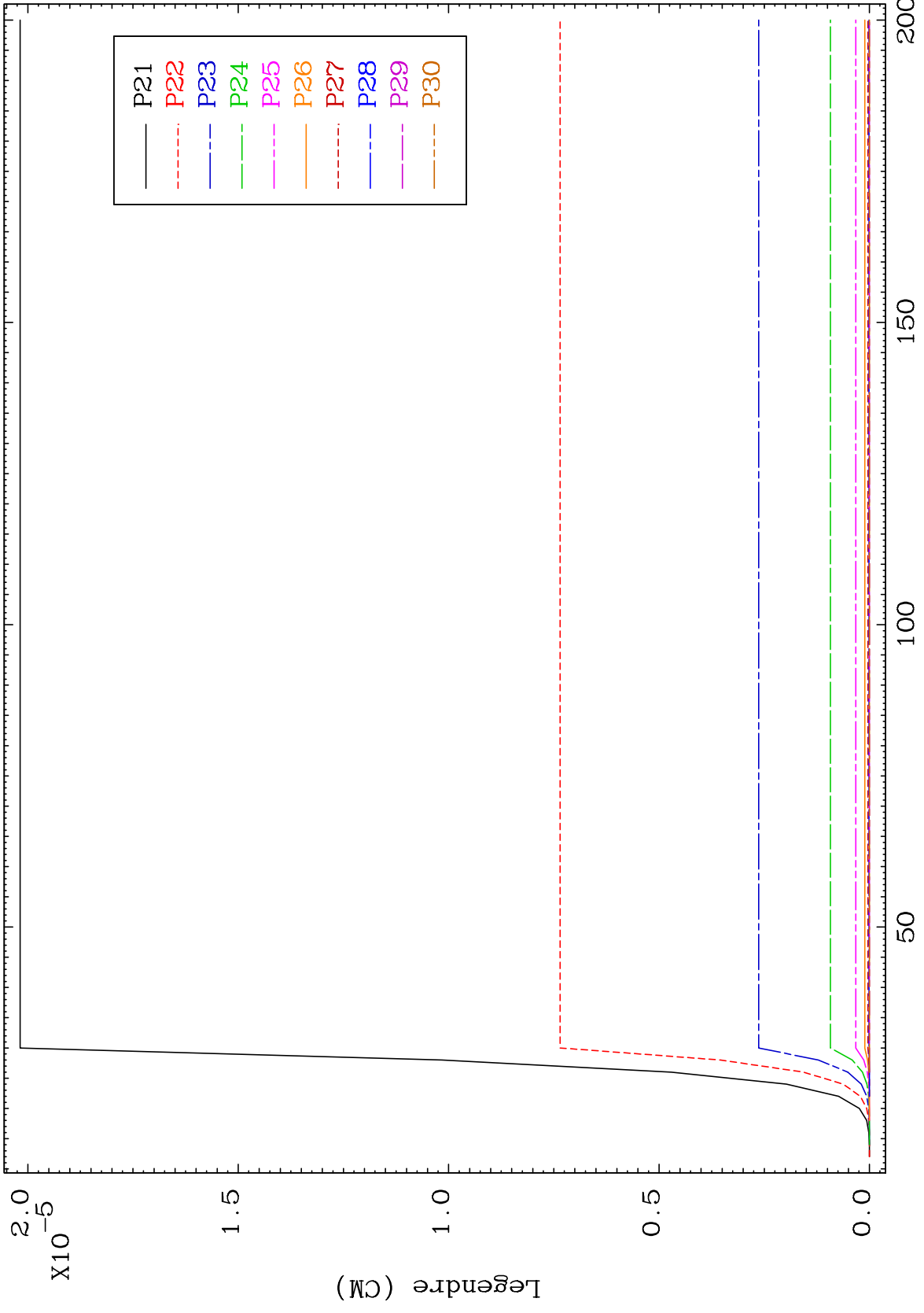
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



23

Incident Energy (MeV)

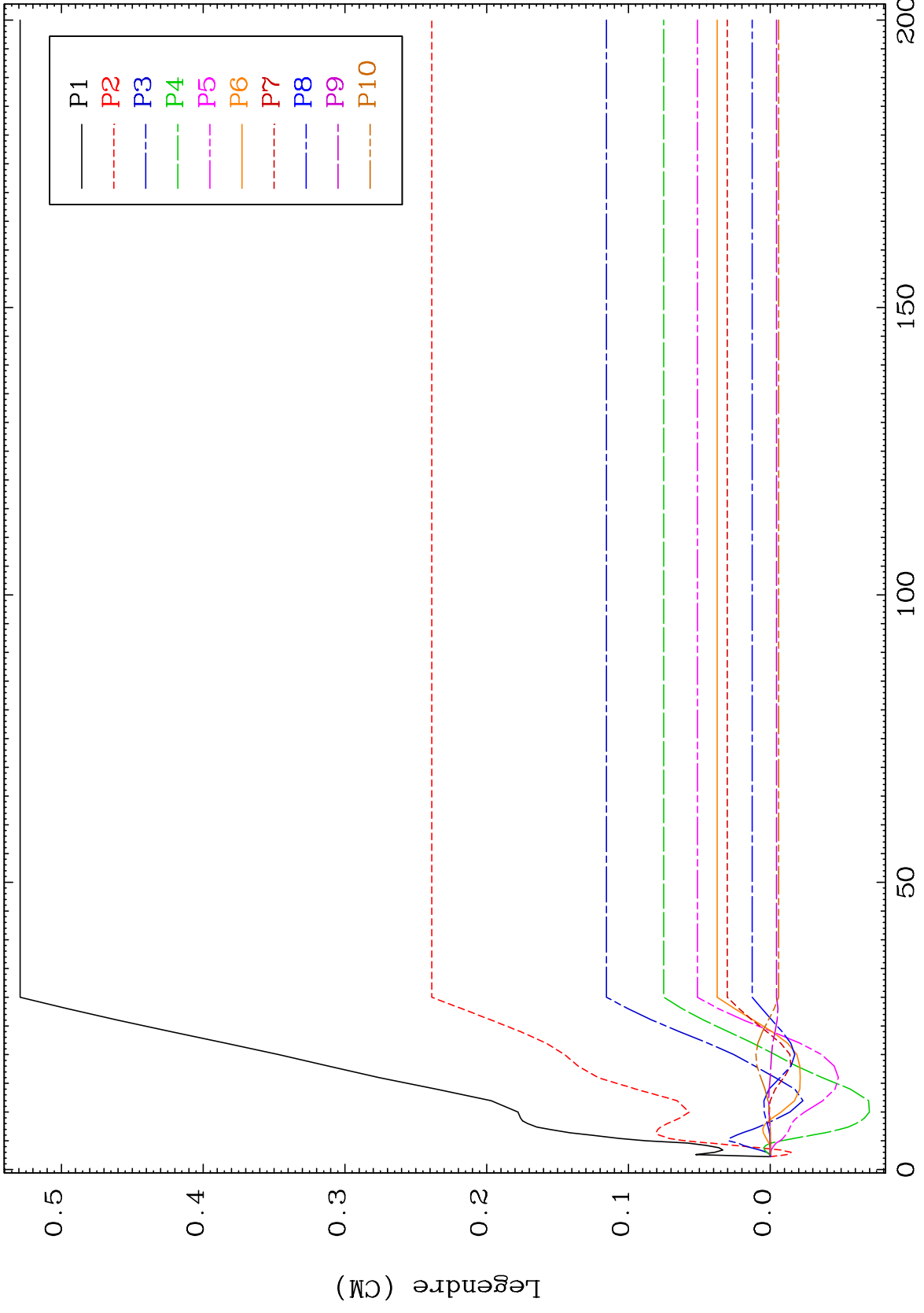
19-K -37



MAT 1919

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

19-K -37



24

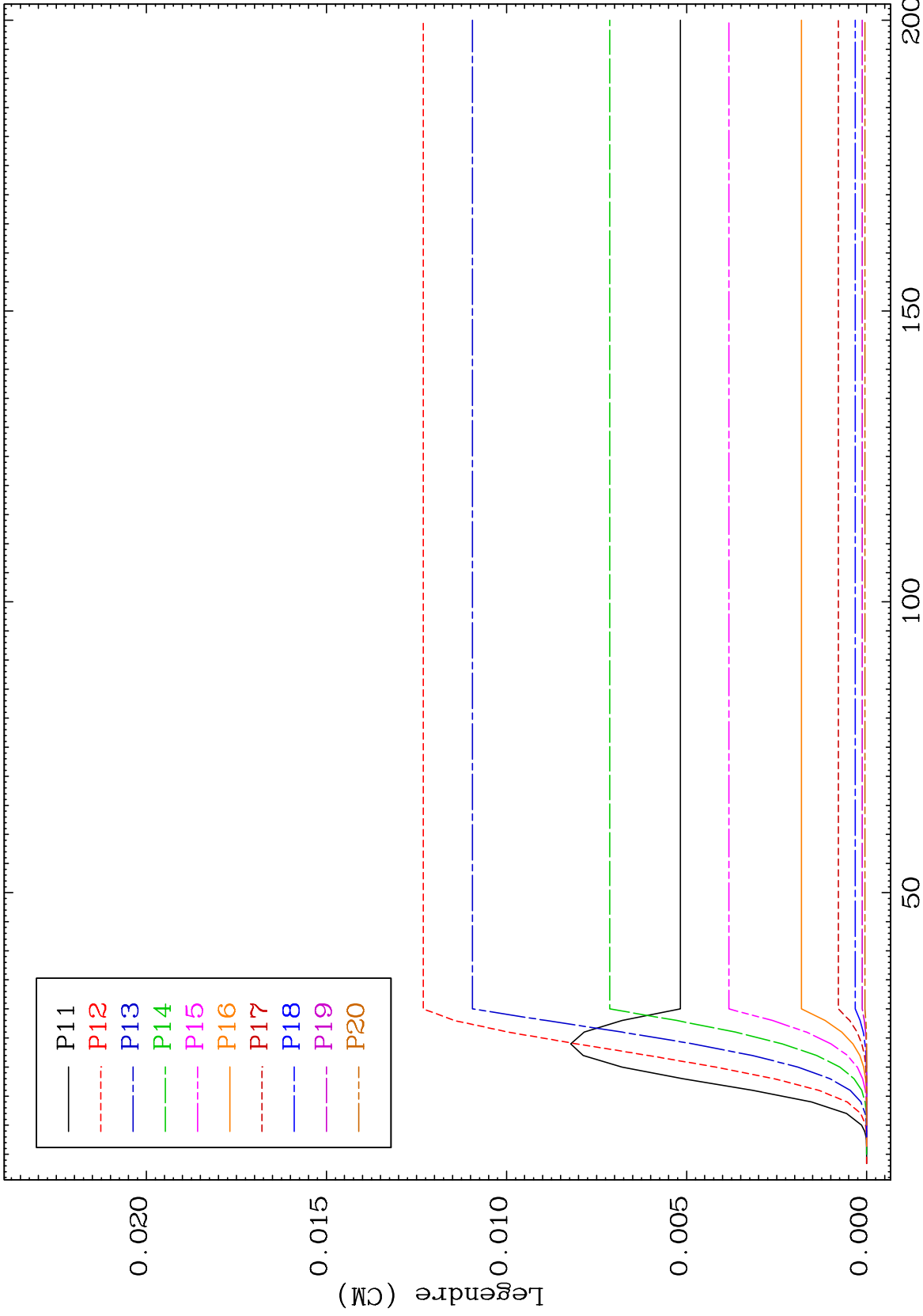
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



25

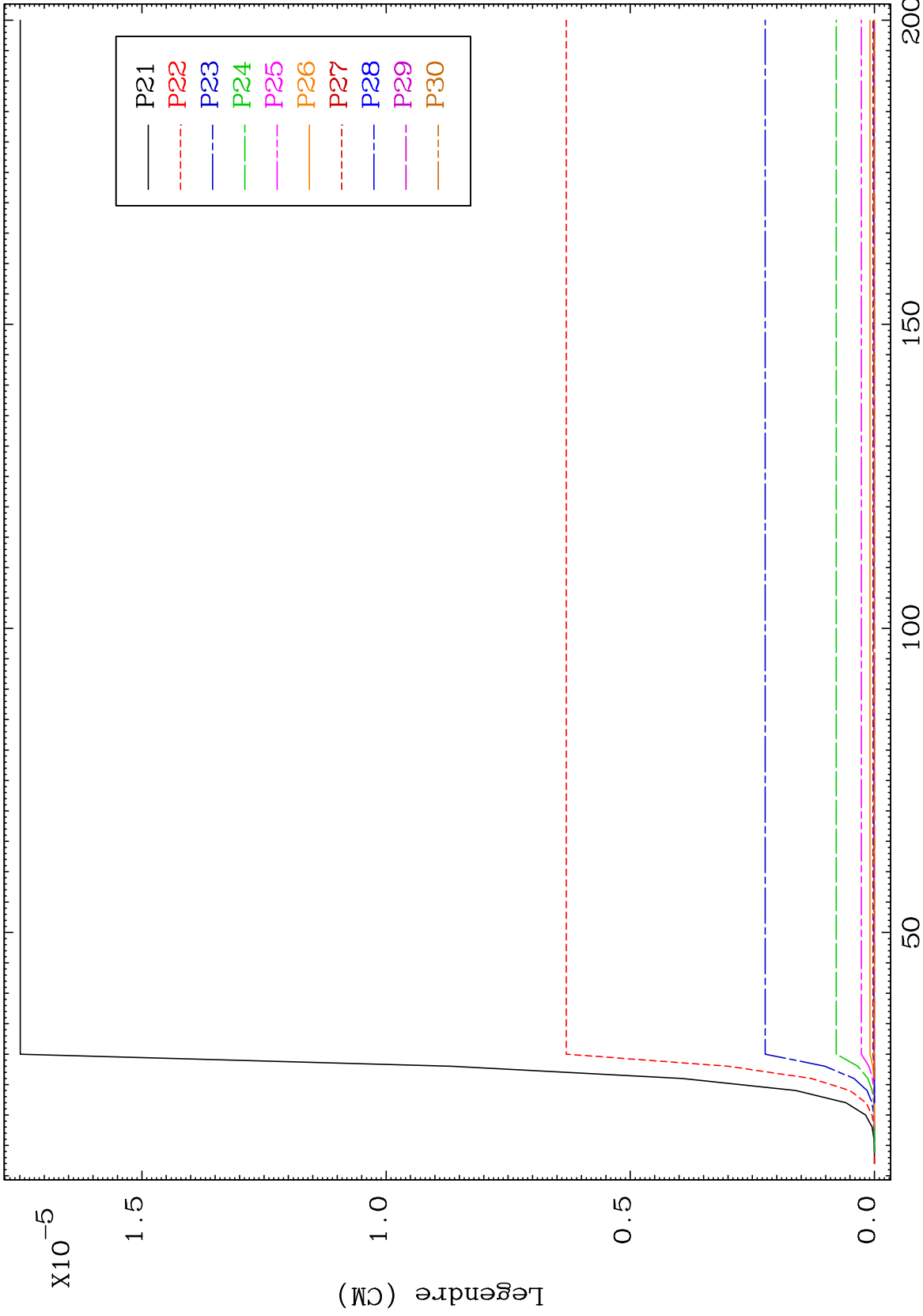
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



26

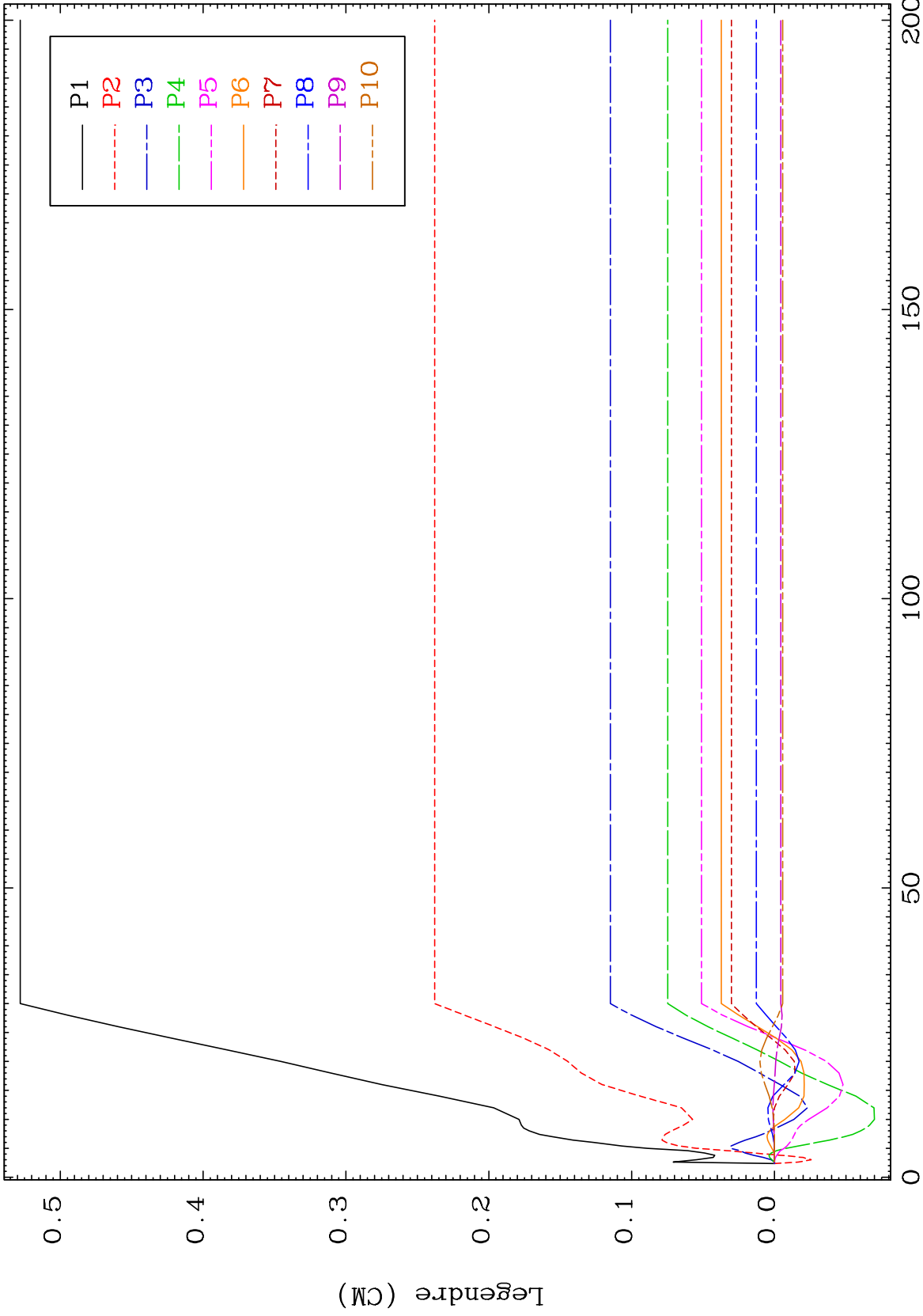
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



27

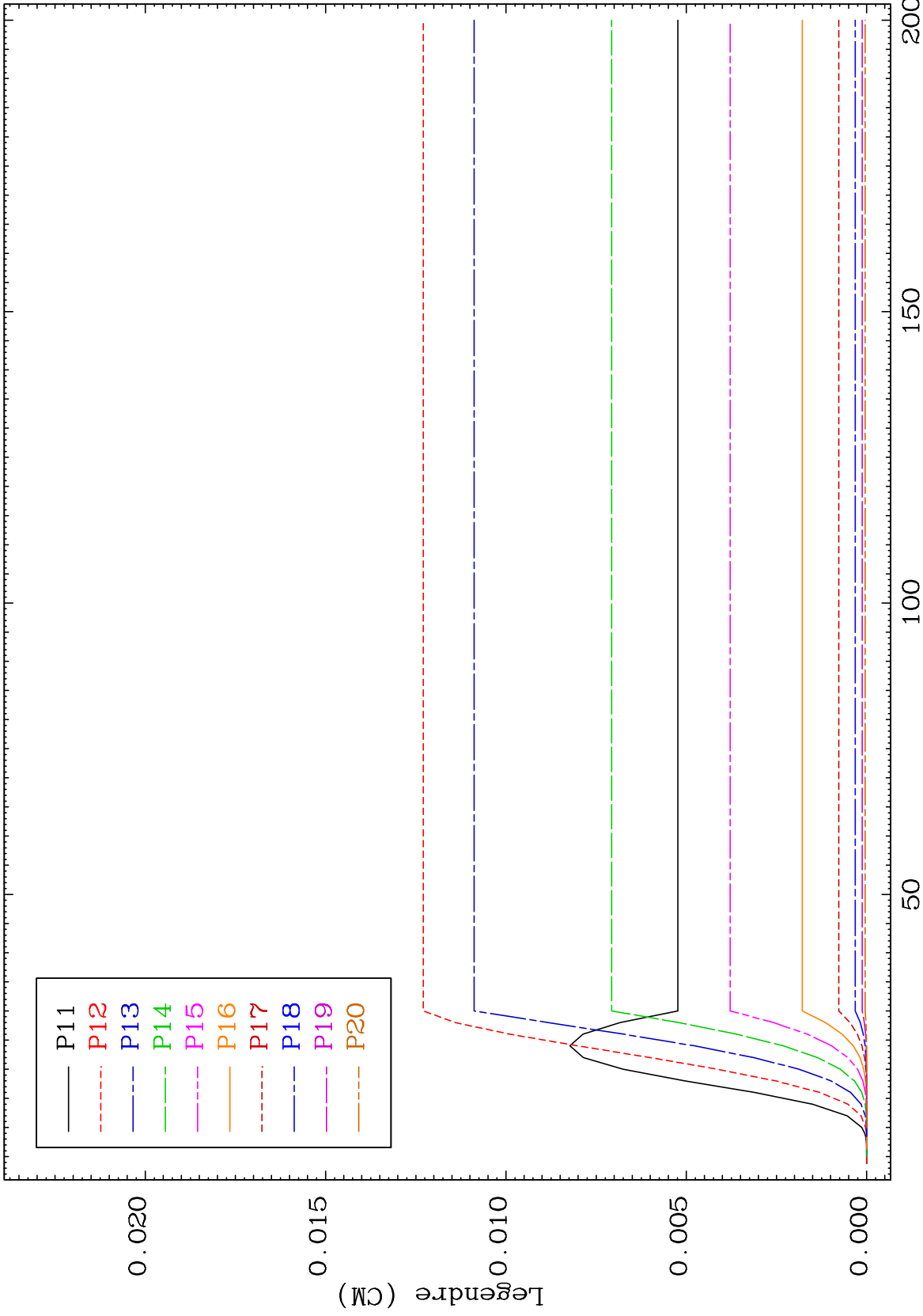
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



28

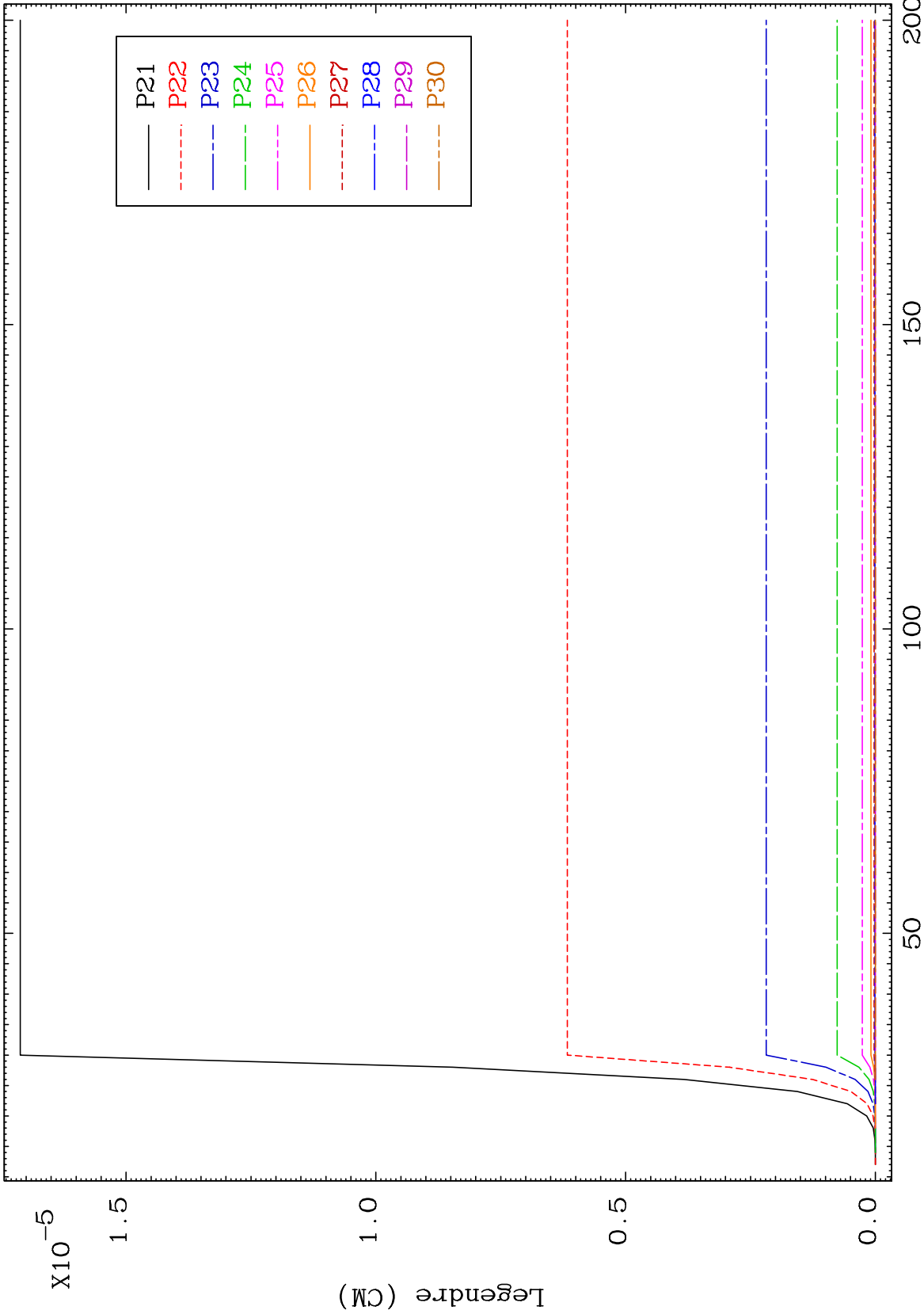
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



29

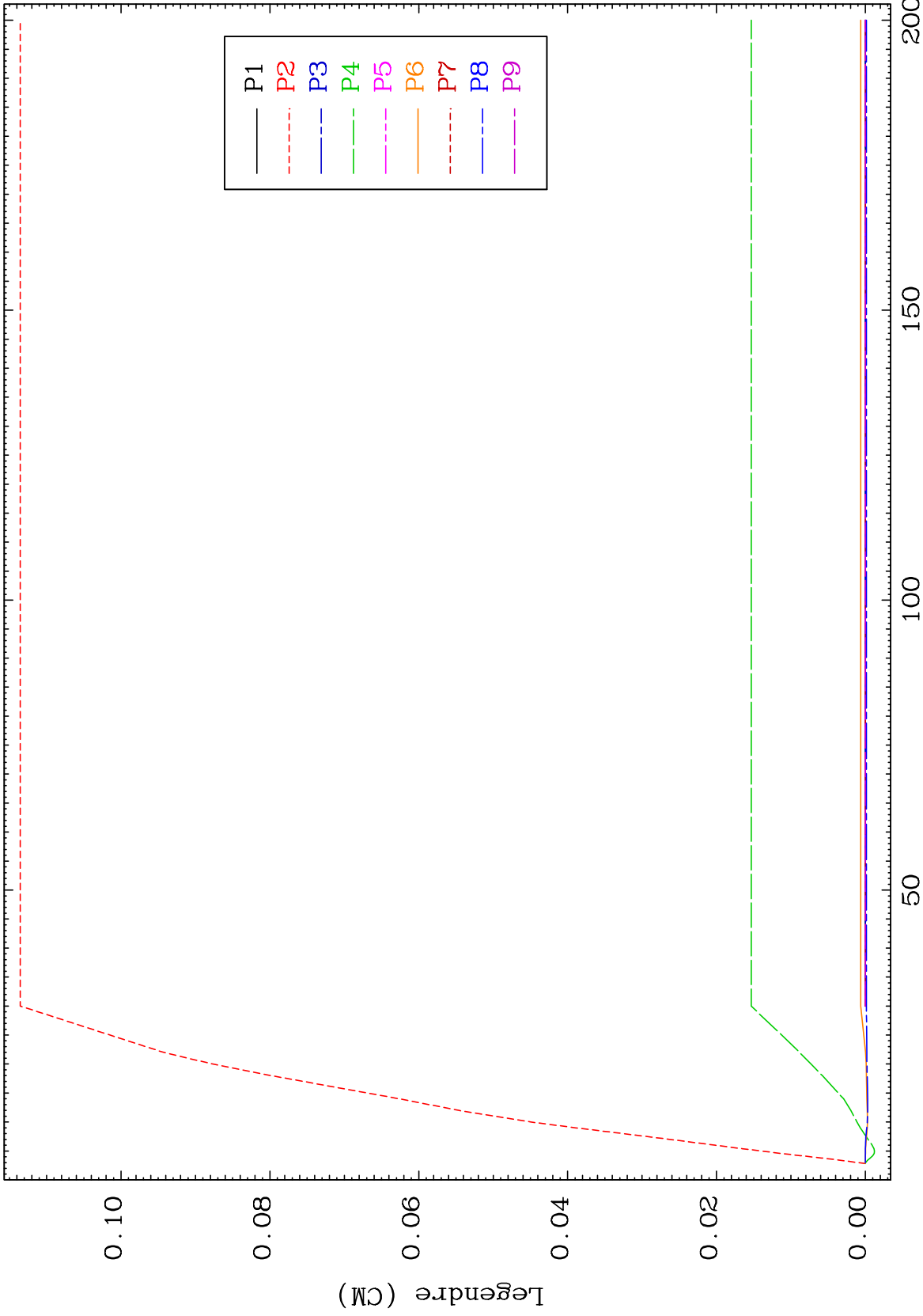
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37

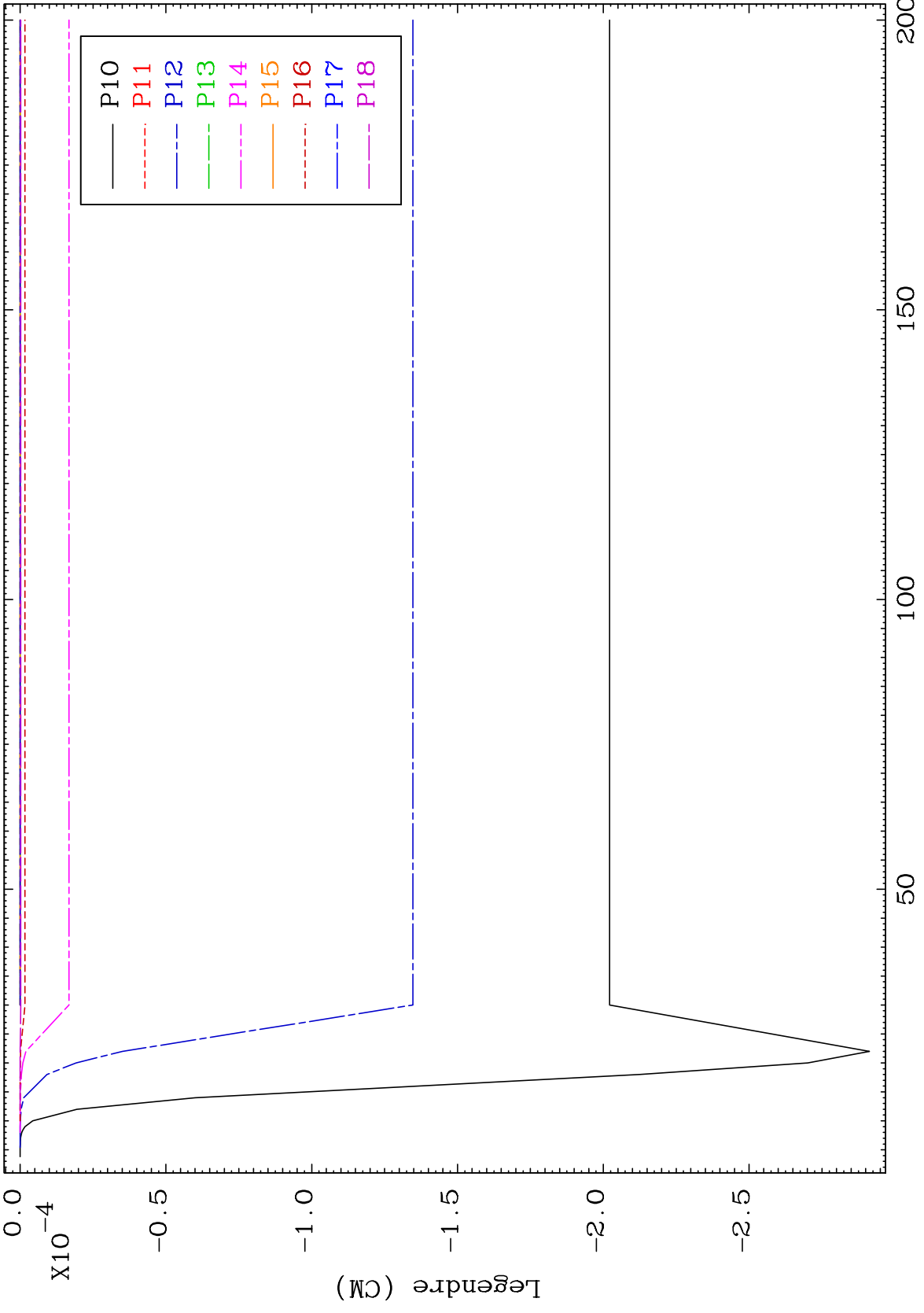


30

Incident Energy (MeV)

19-K -37

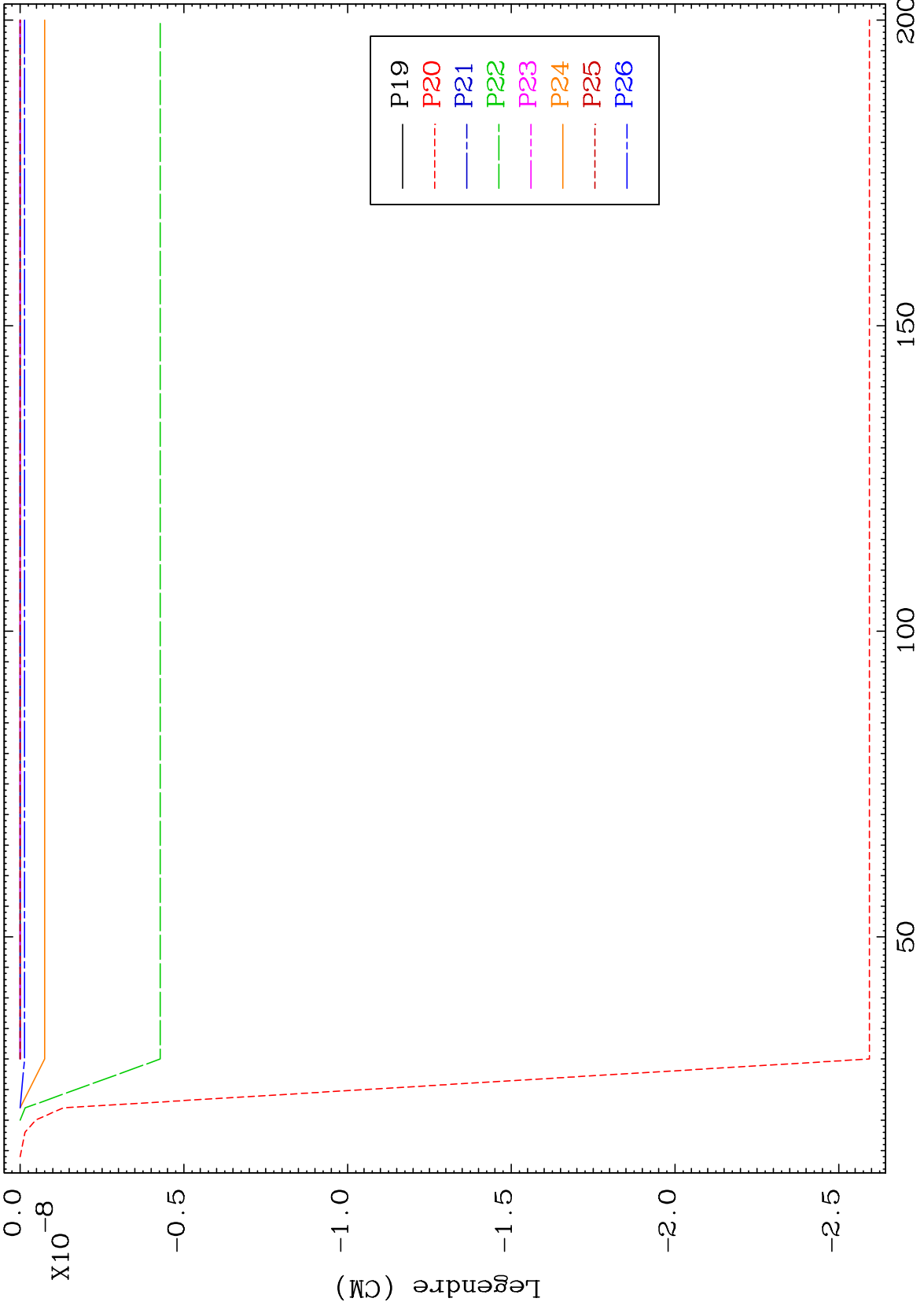
MAT 1919 MT= 55 (n,n') Level Legendre Coefficients 19-K -37



31 19-K -37



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

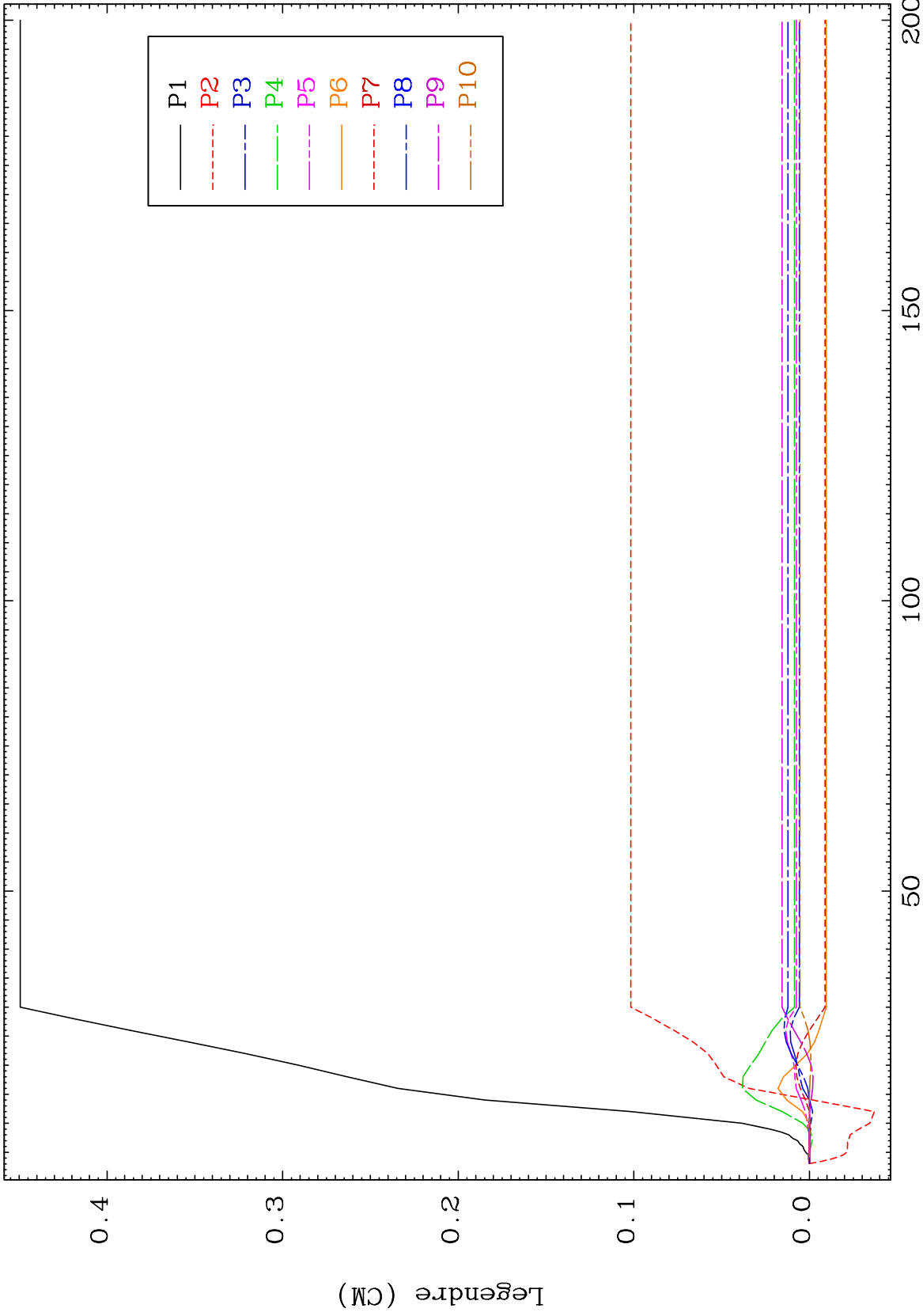


32 19-K -37

MAT 1919

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

19-K -37



33

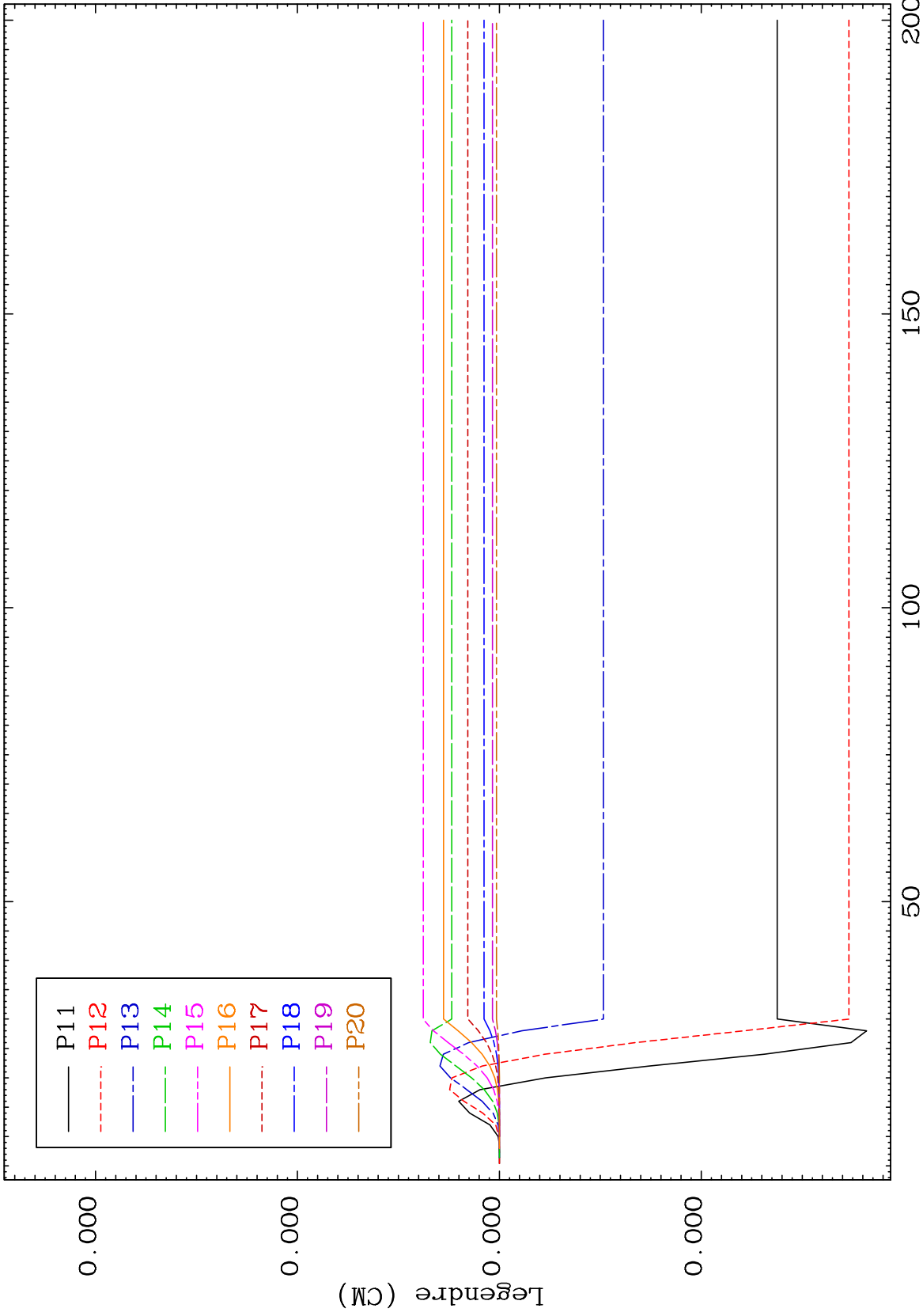
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



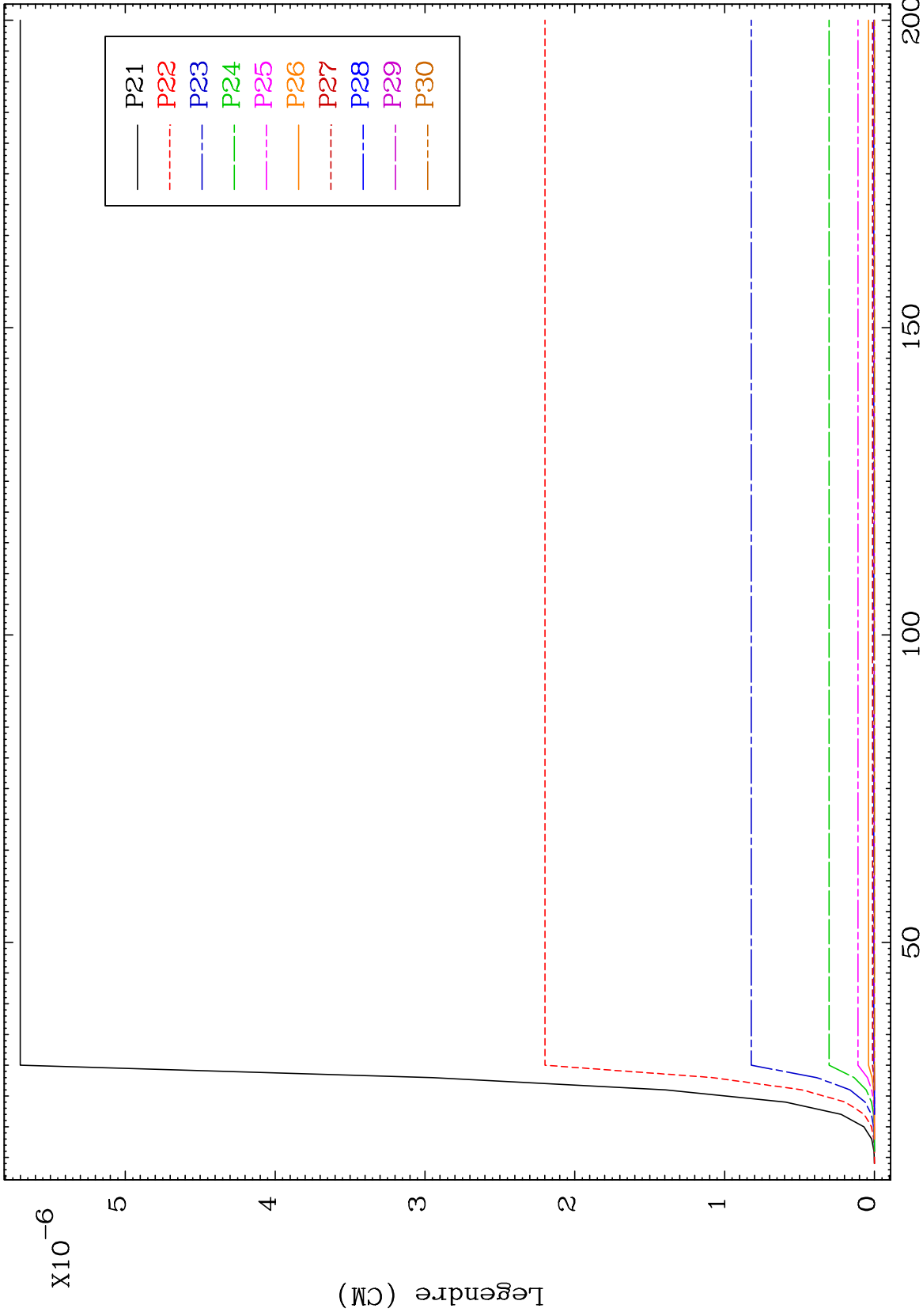
34

19-K -37

MAT 1919

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

19-K -37



35

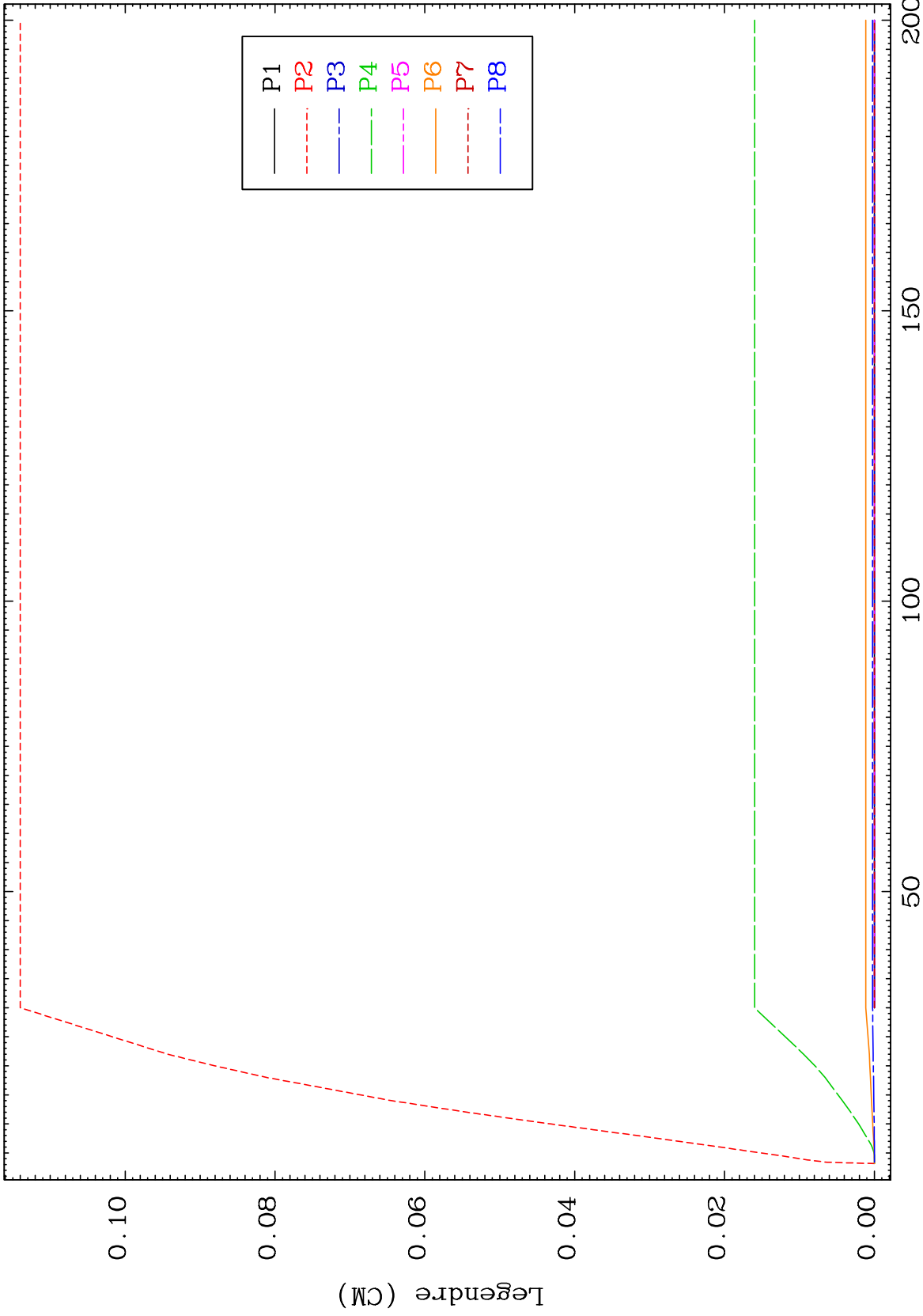
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37

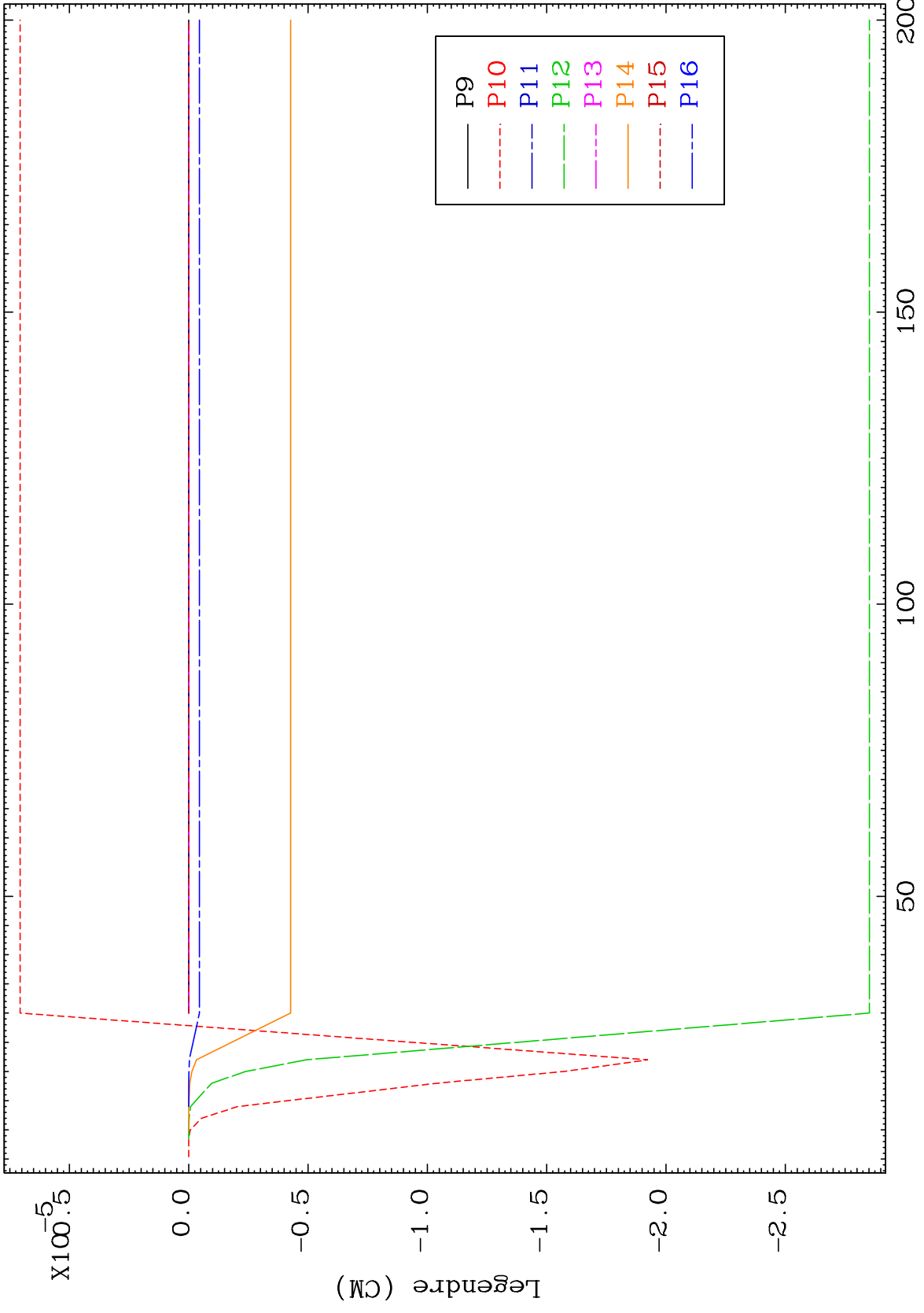


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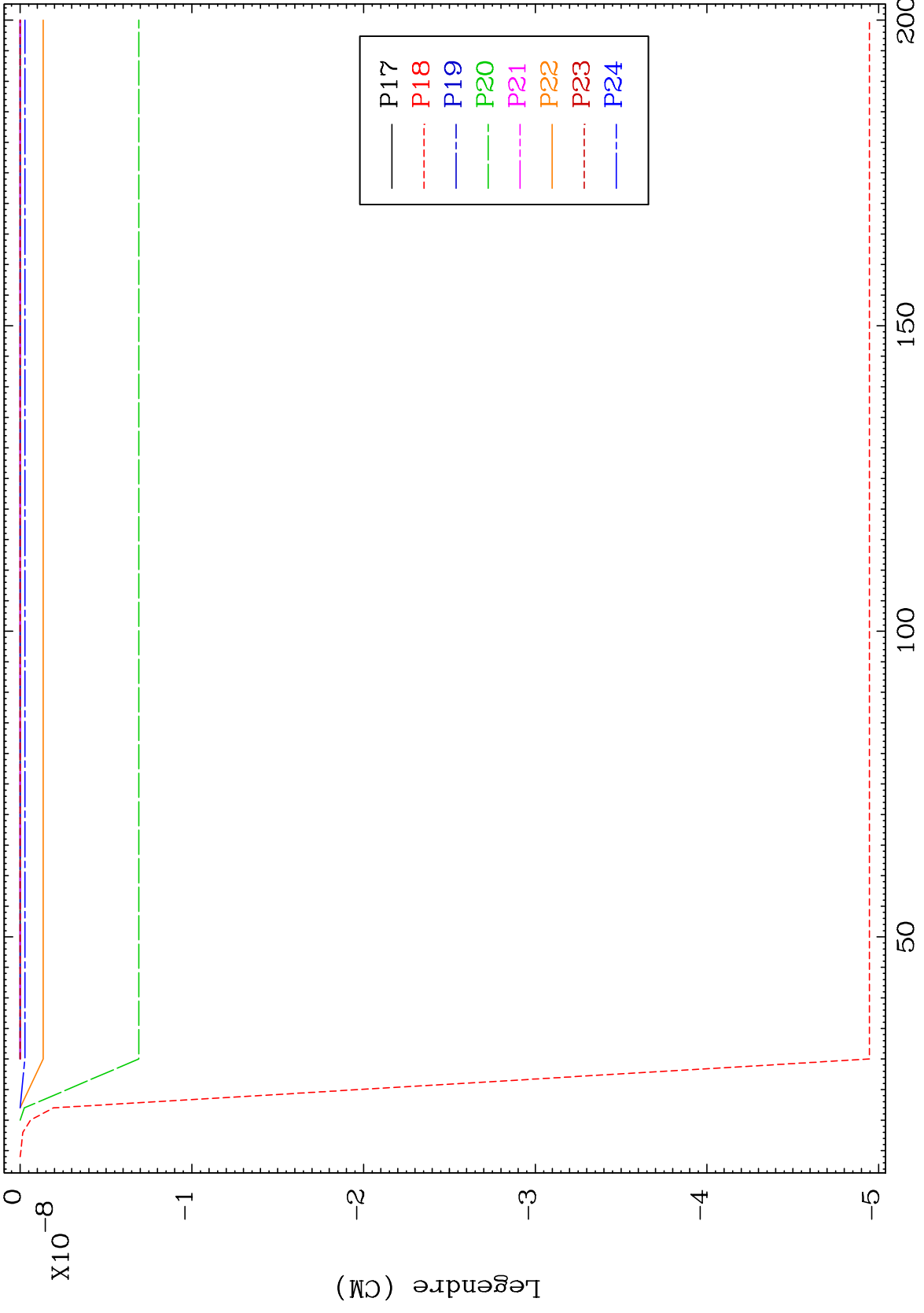
Incident Energy (MeV)

19-K -37

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



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

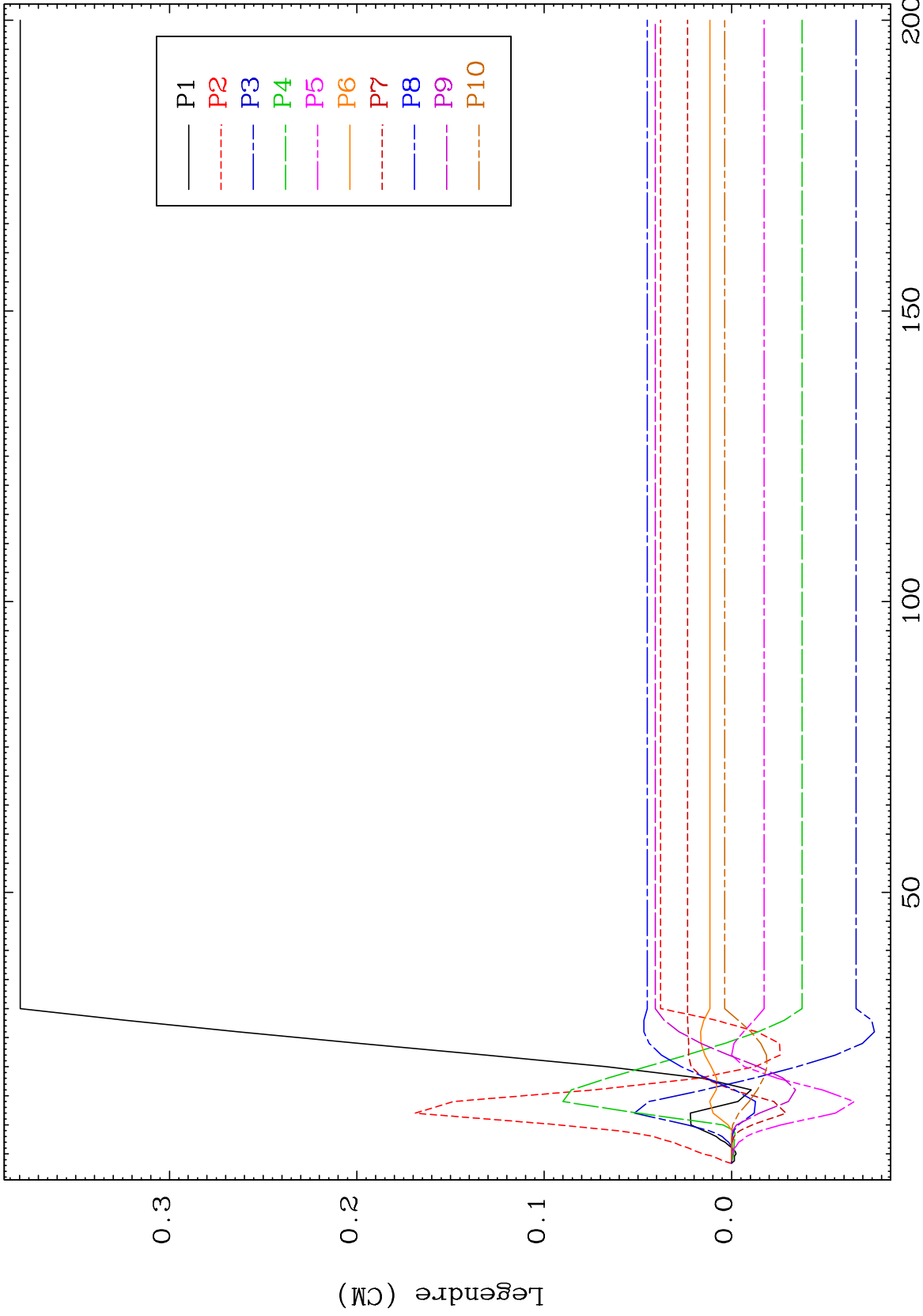


38 Incident Energy (MeV) 19-K -37

MAT 1919

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

19-K -37



39

Incident Energy (MeV)

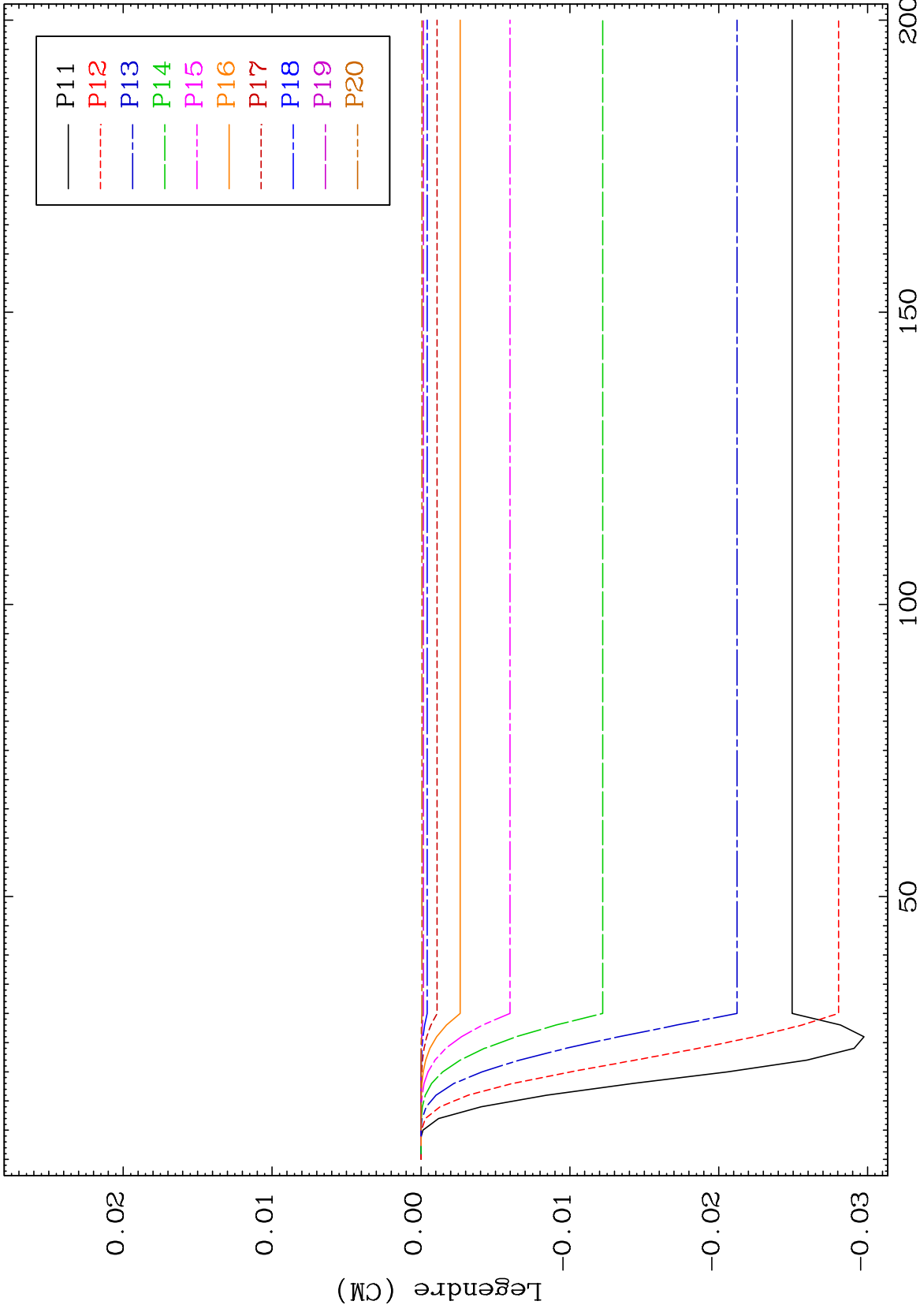
19-K -37



MAT 1919

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

19-K -37



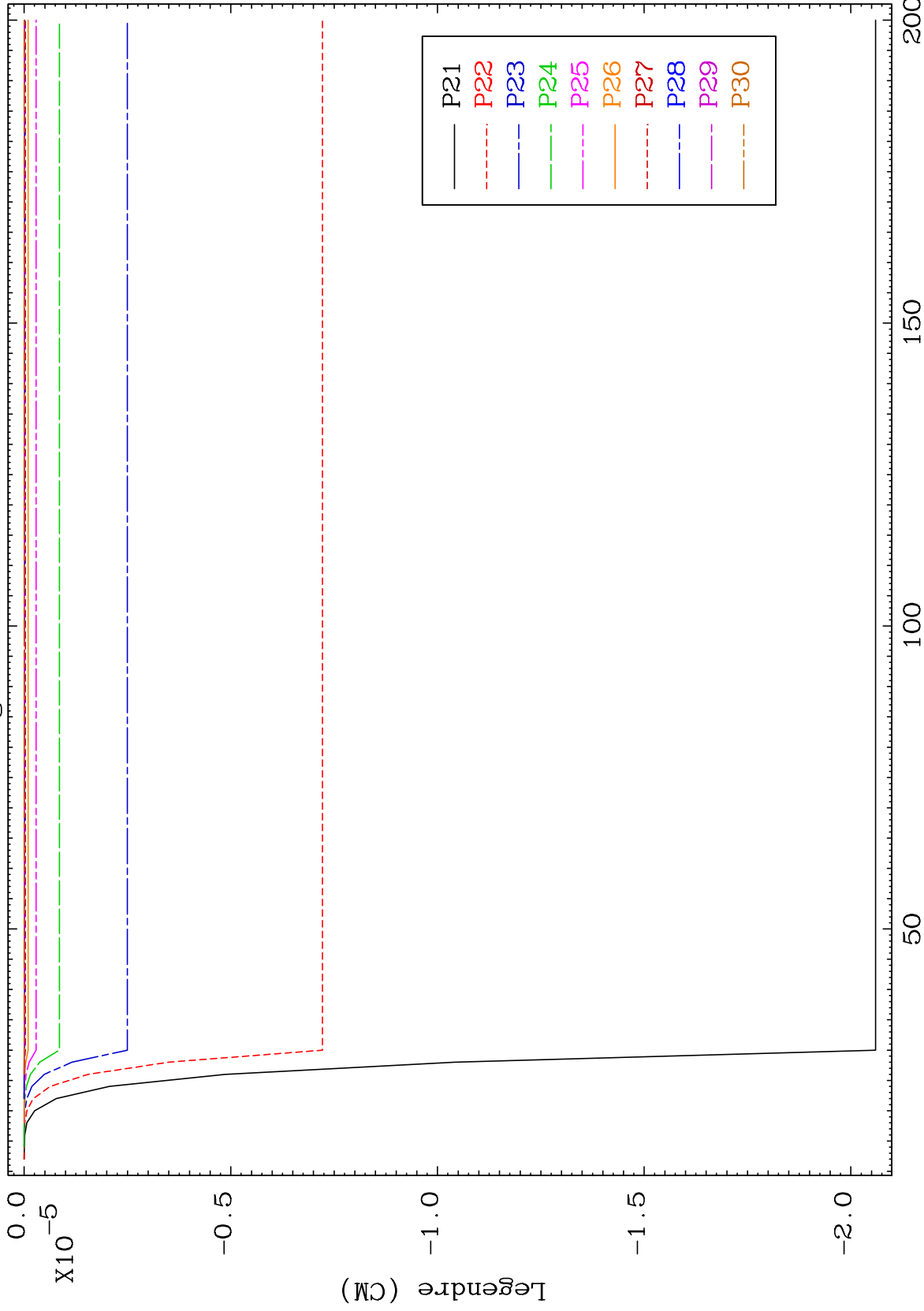
40

Incident Energy (MeV)

19-K -37

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

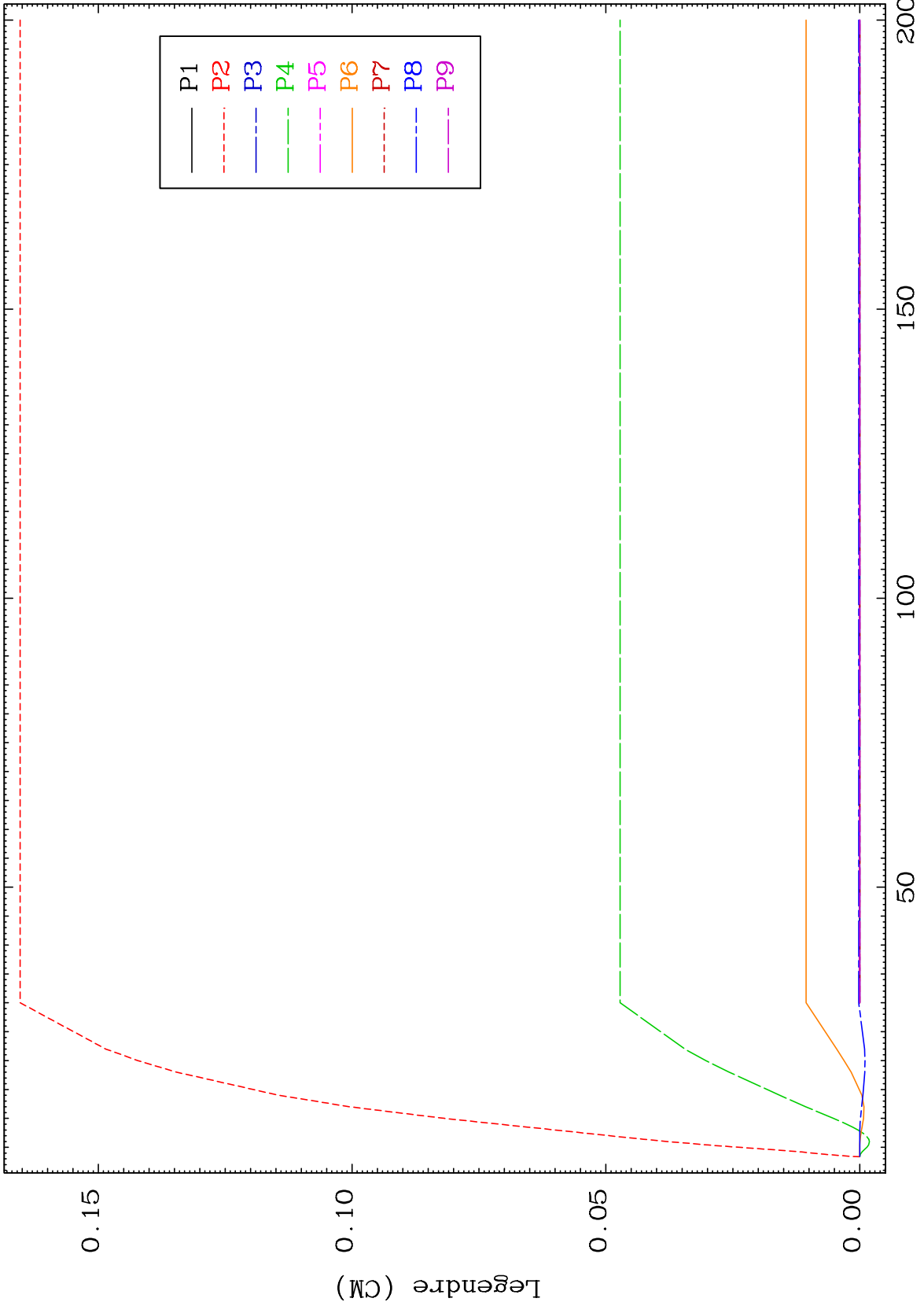
Legendre Coefficients



MAT 1919

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

19-K -37

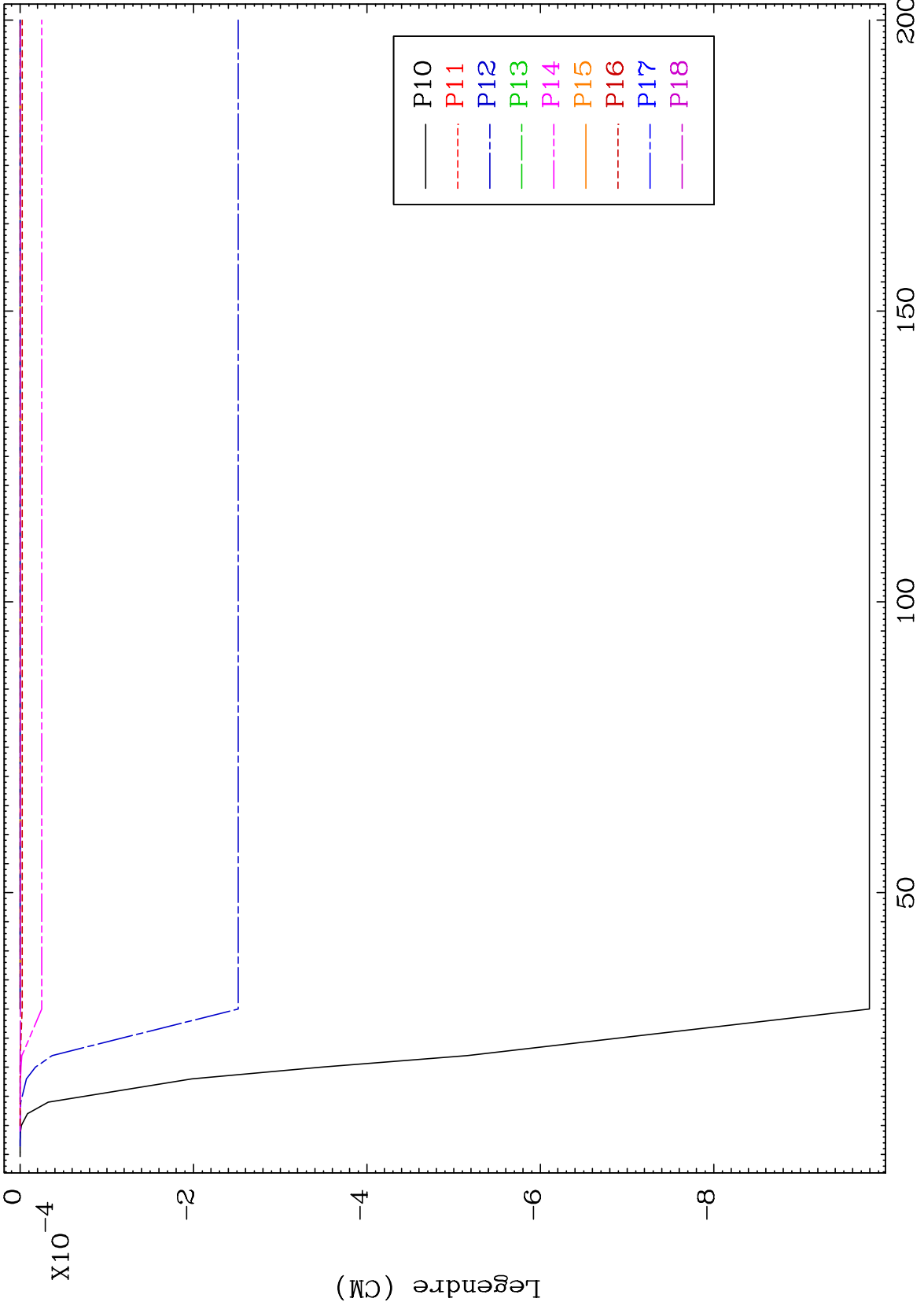


42

Incident Energy (MeV)

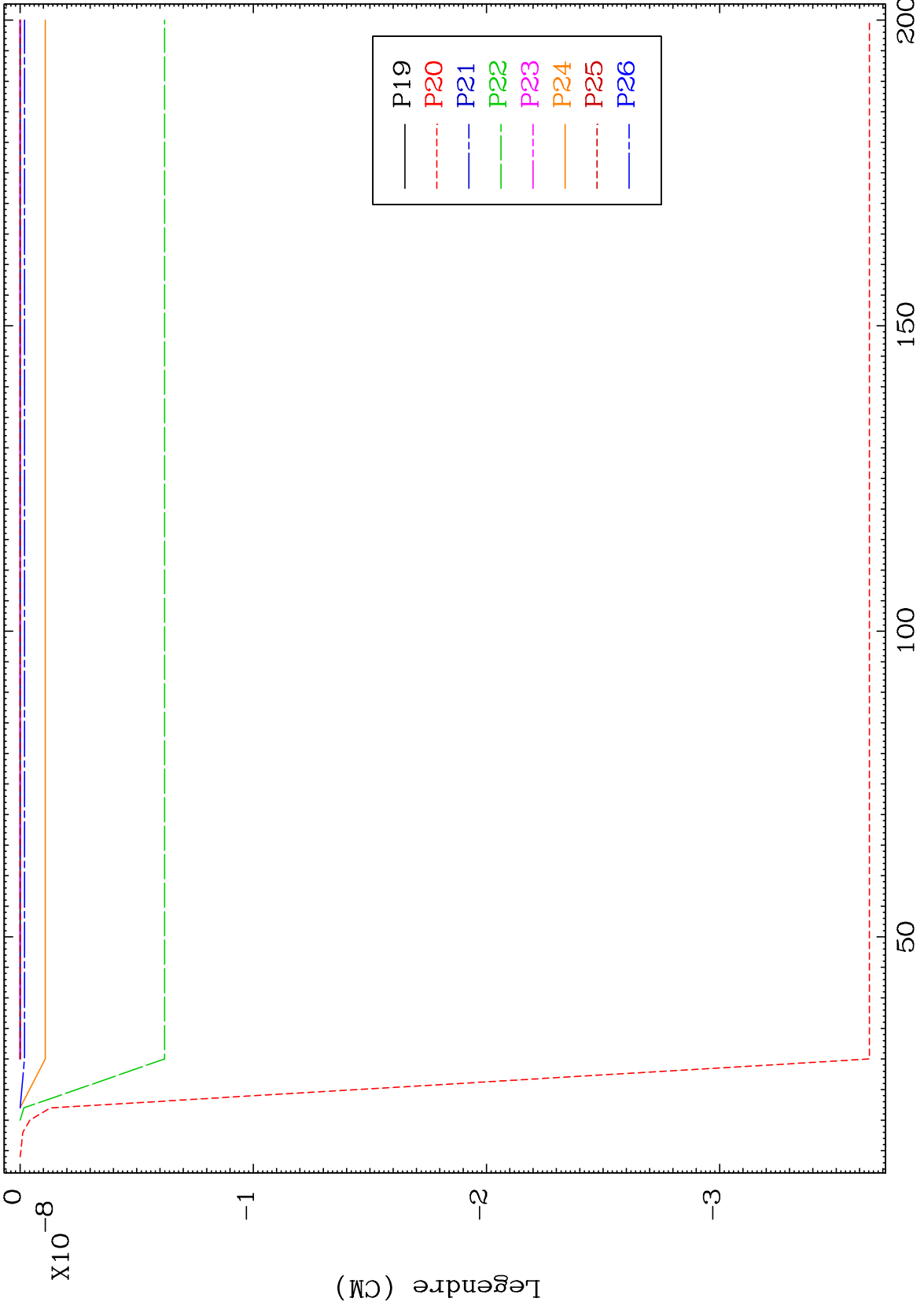
19-K -37

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



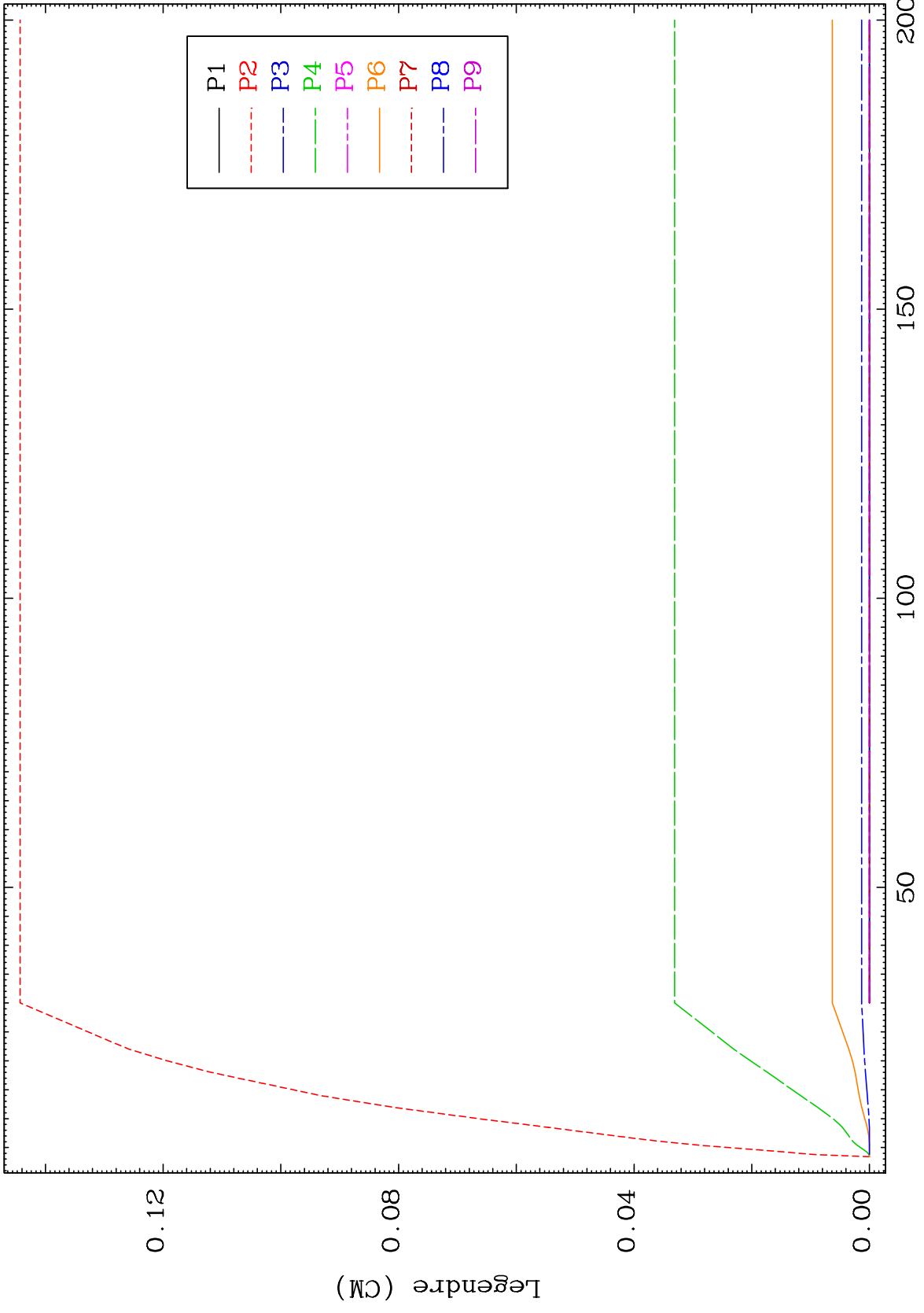
43 19-K -37

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



44 19-K -37

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

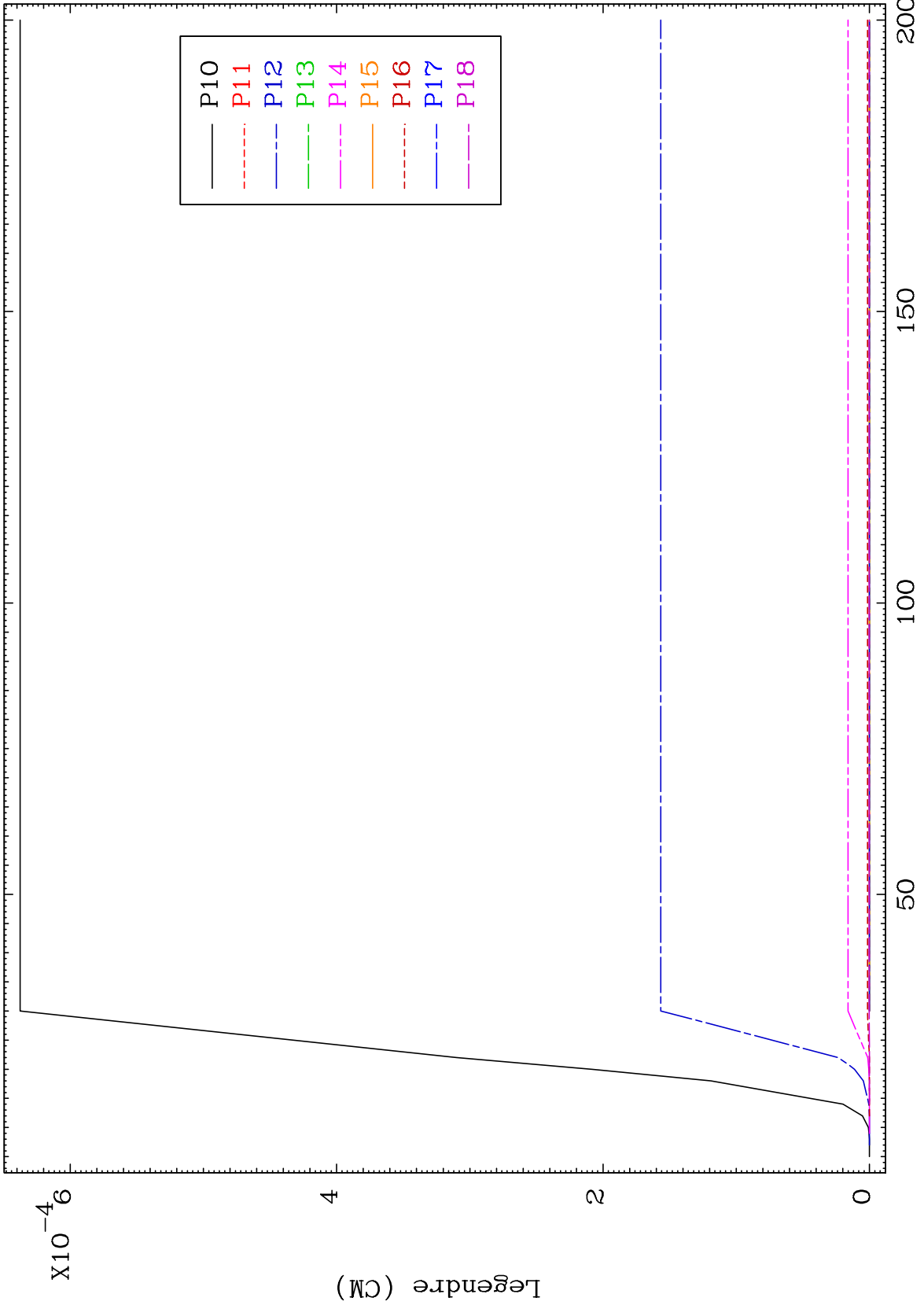


45 Incident Energy (MeV) 19-K -37

MAT 1919

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

19-K -37

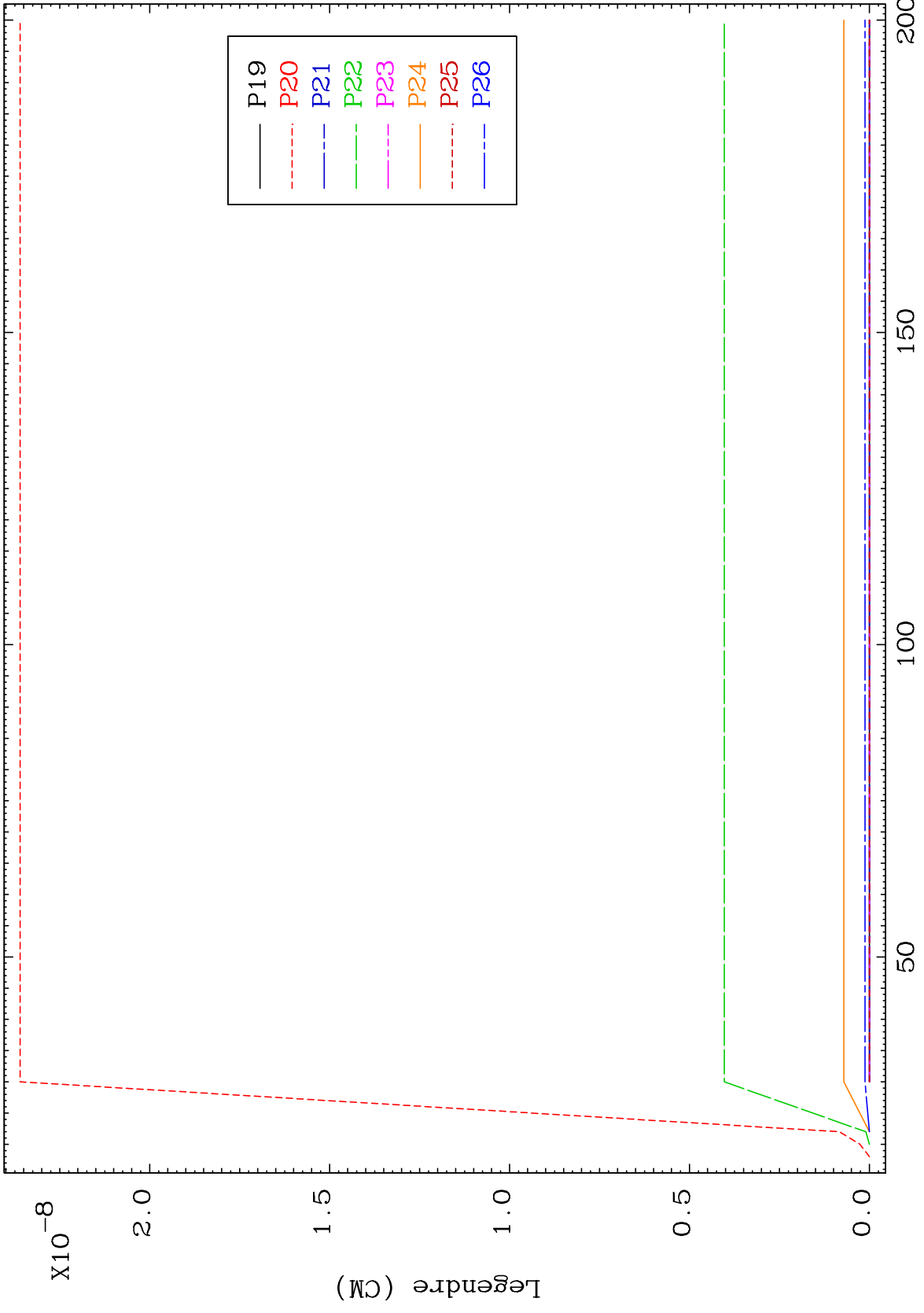


46

Incident Energy (MeV)

19-K -37

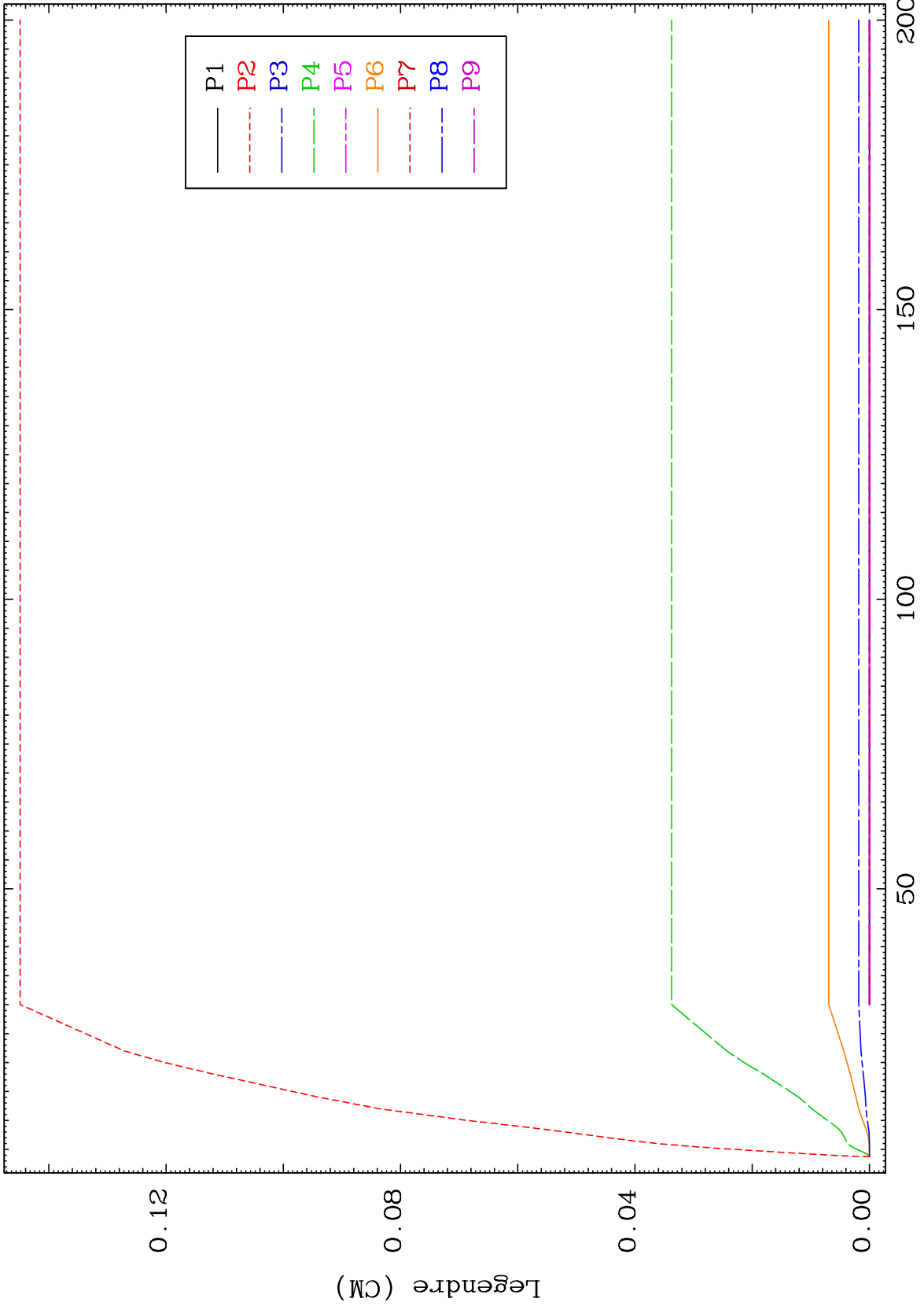
MAT 1919 MT= 60 (n,n') Level Legendre Coefficients 19-K -37



47 50 100 150 200 Incident Energy (MeV) 19-K -37



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

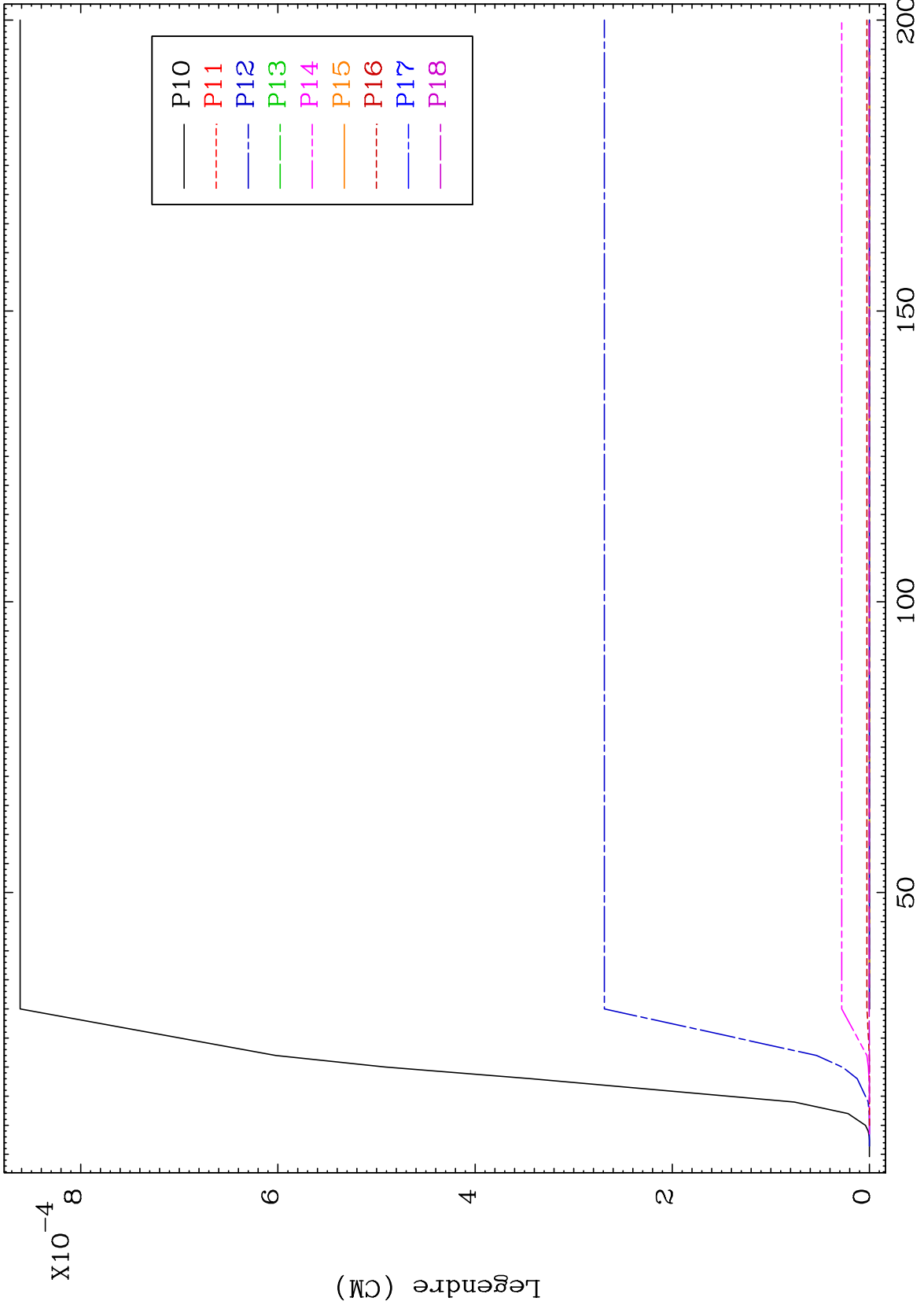


48 Incident Energy (MeV) 19-K -37

MAT 1919

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

19-K -37

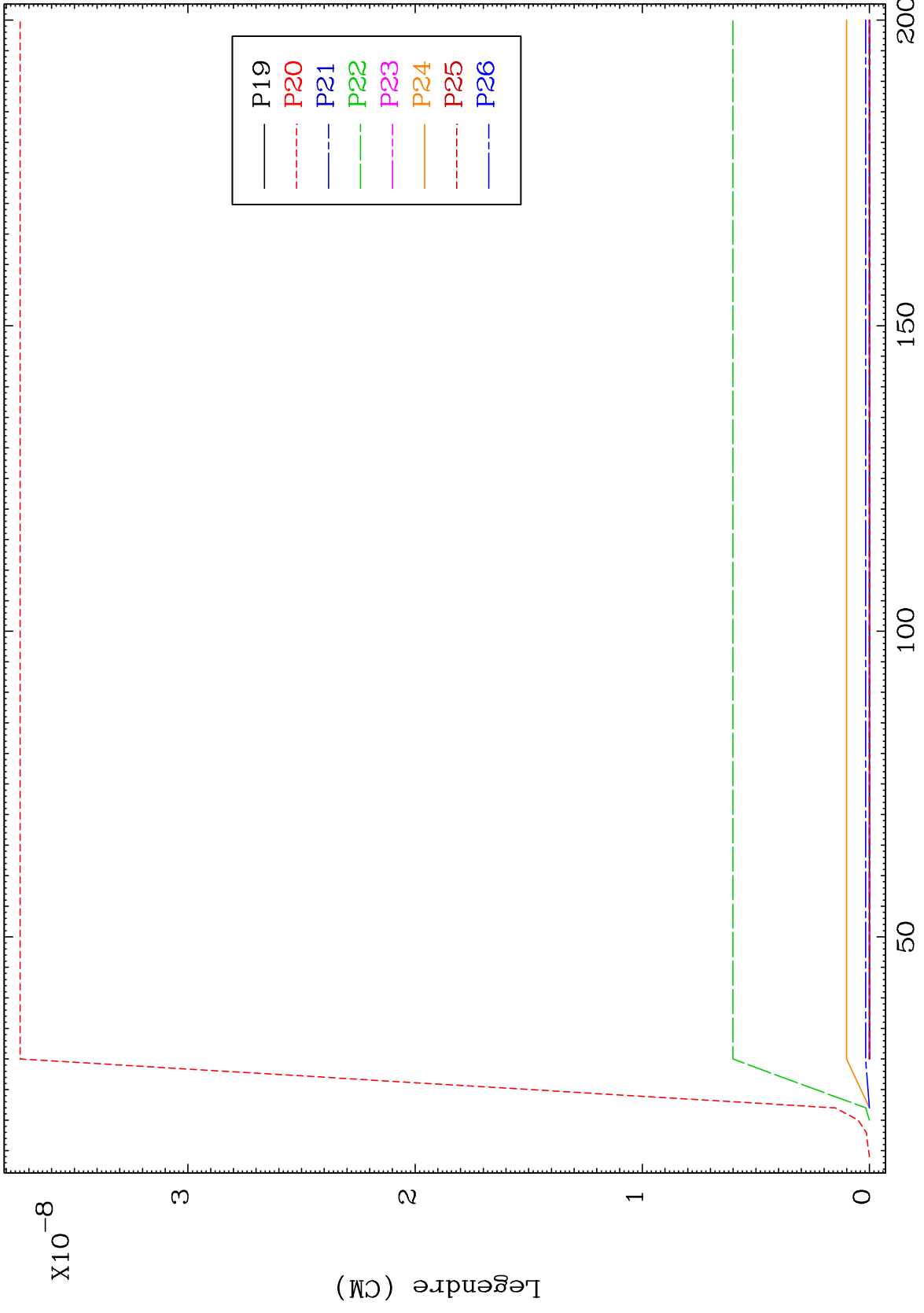


49

Incident Energy (MeV)

19-K -37

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

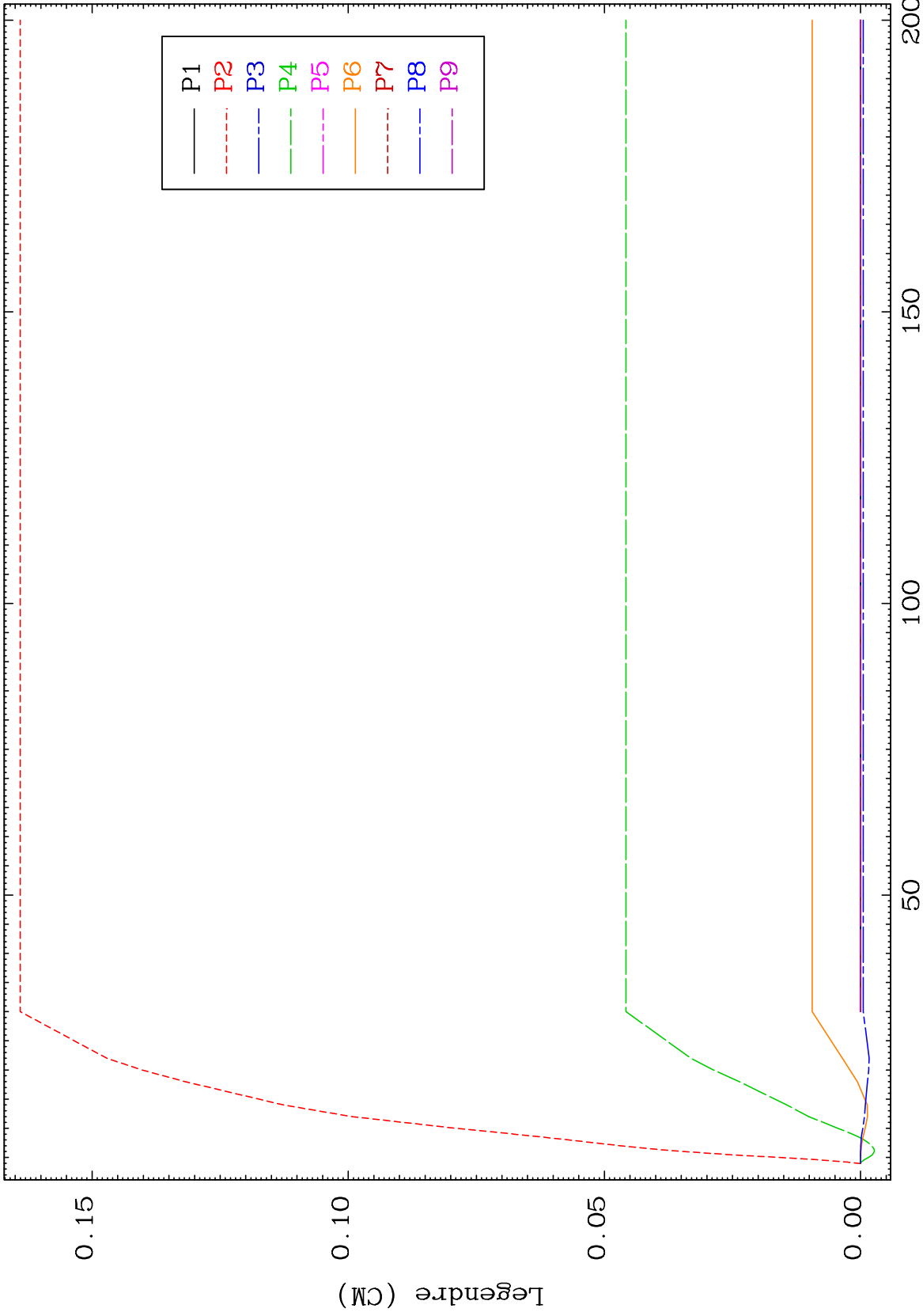


19-K -37

MAT 1919

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

19-K -37

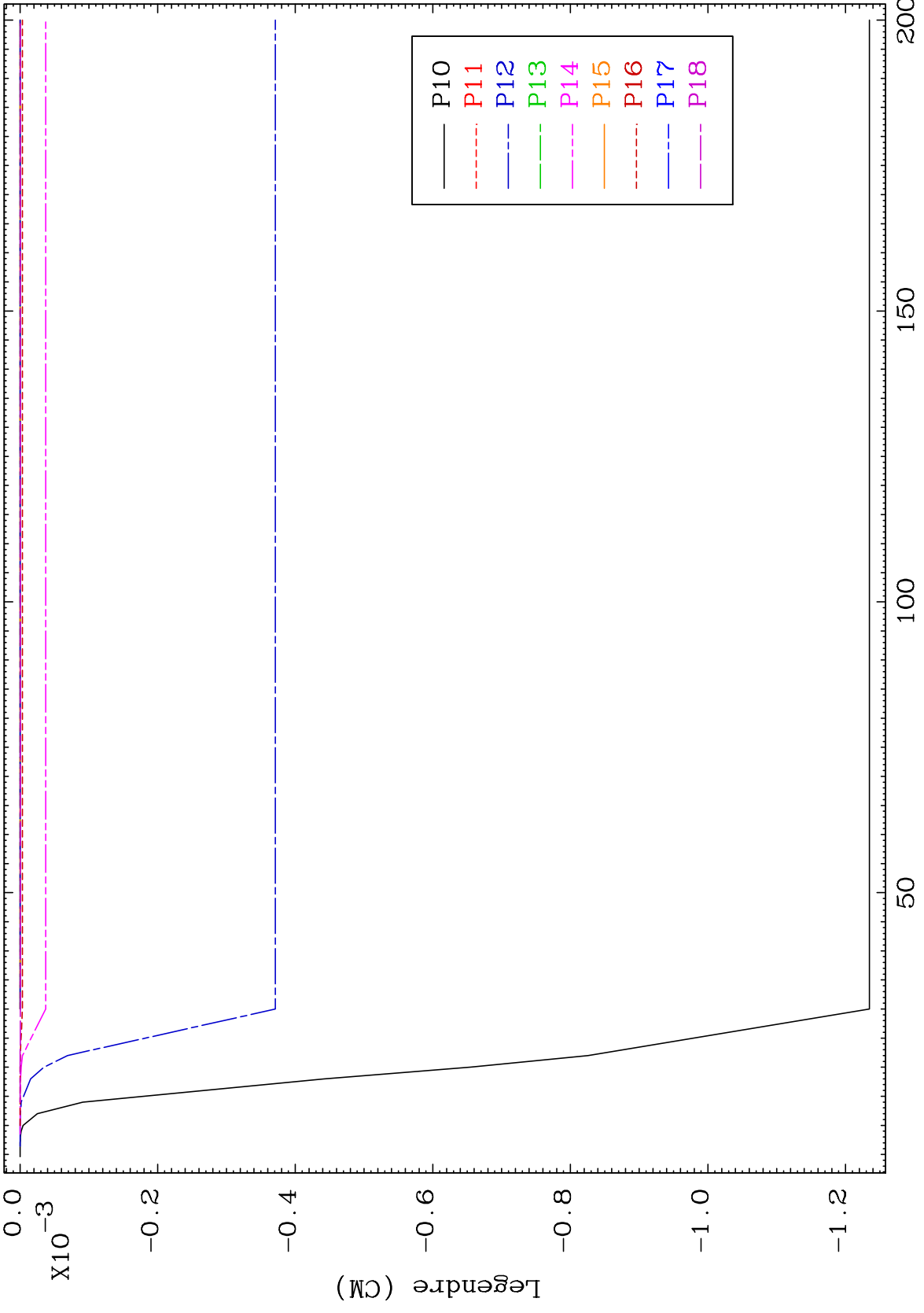


51

Incident Energy (MeV)

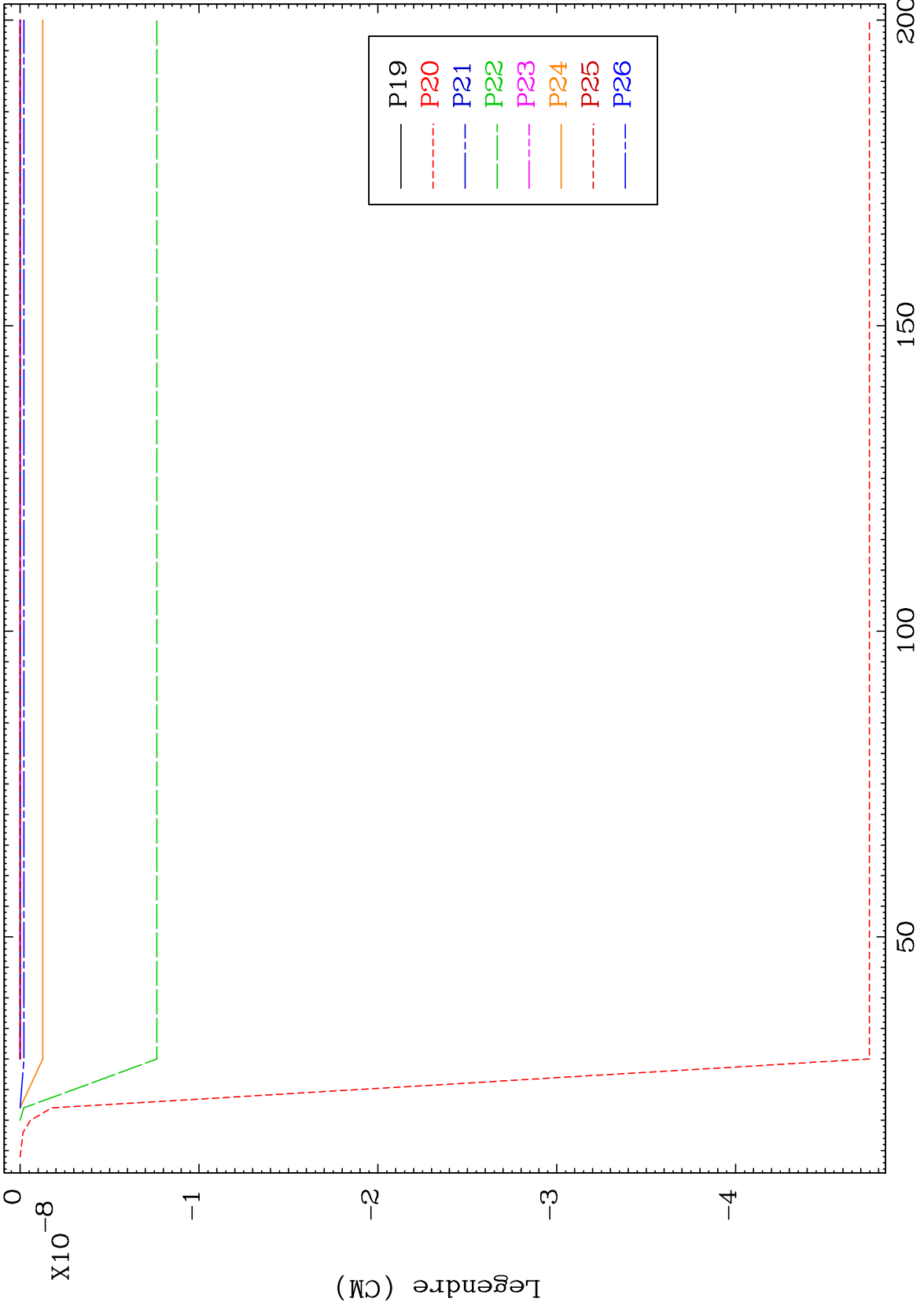
19-K -37

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



52 19-K -37

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

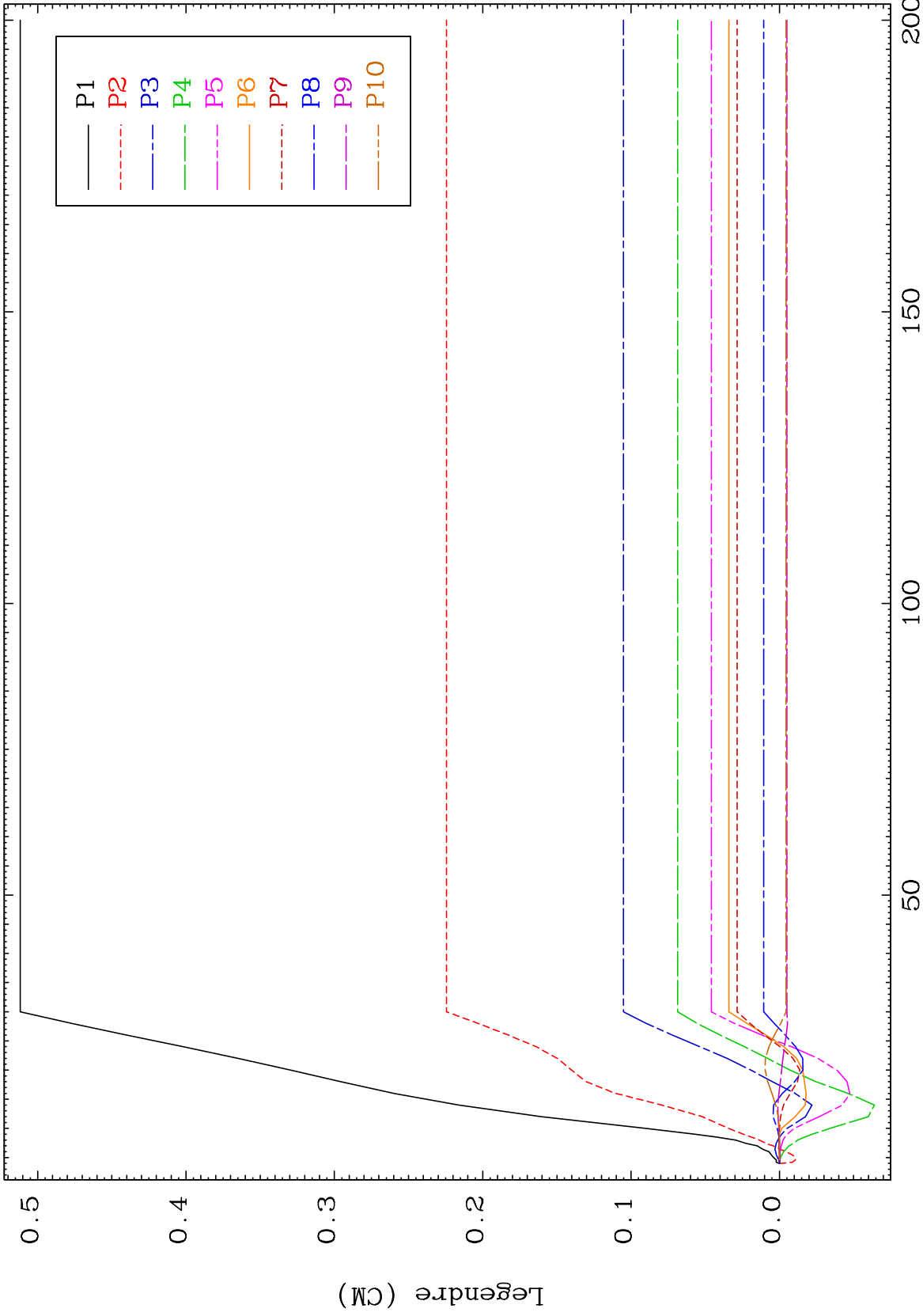


53 19-K -37

MAT 1919

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

19-K -37



54

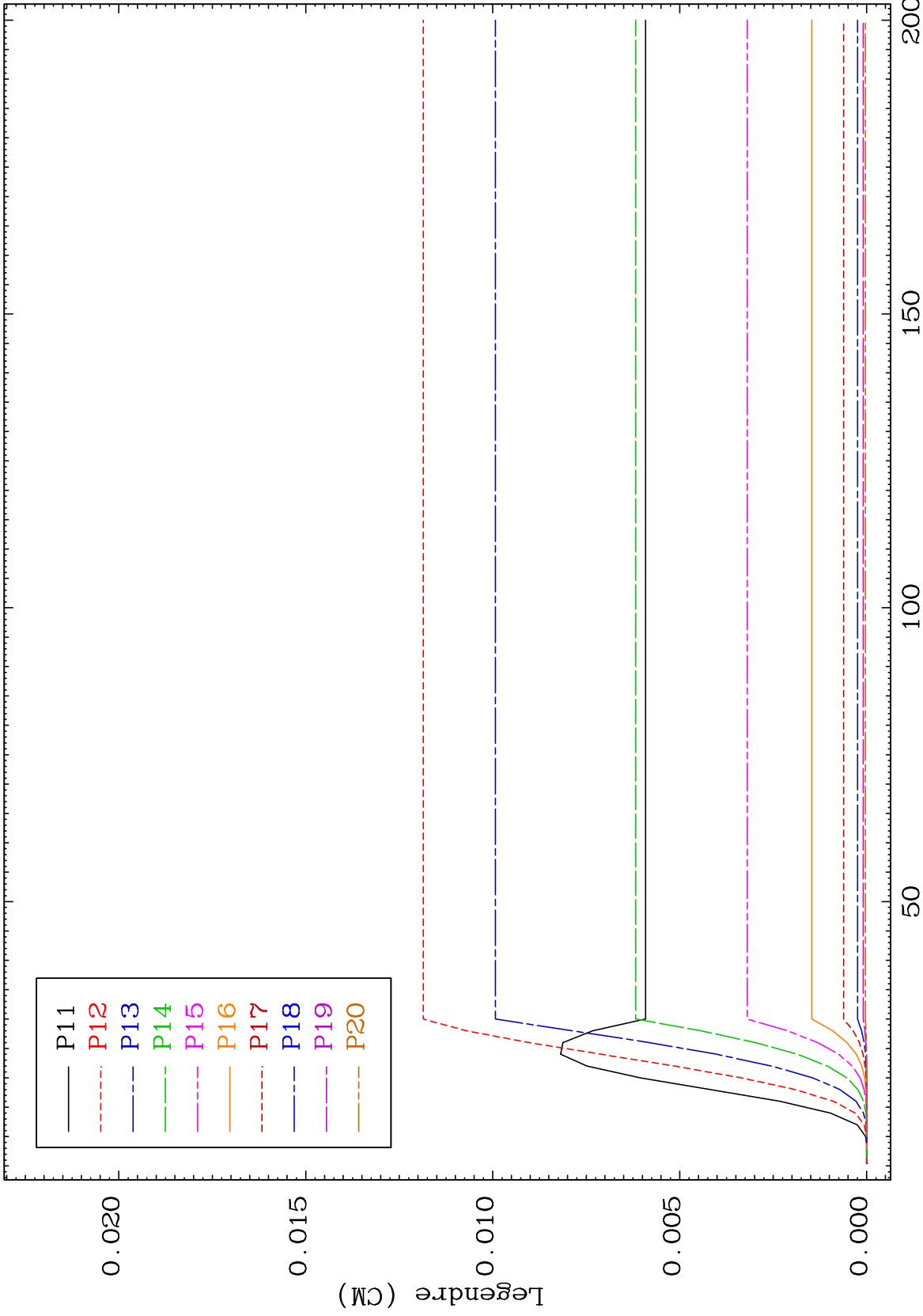
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



55

Incident Energy (MeV)

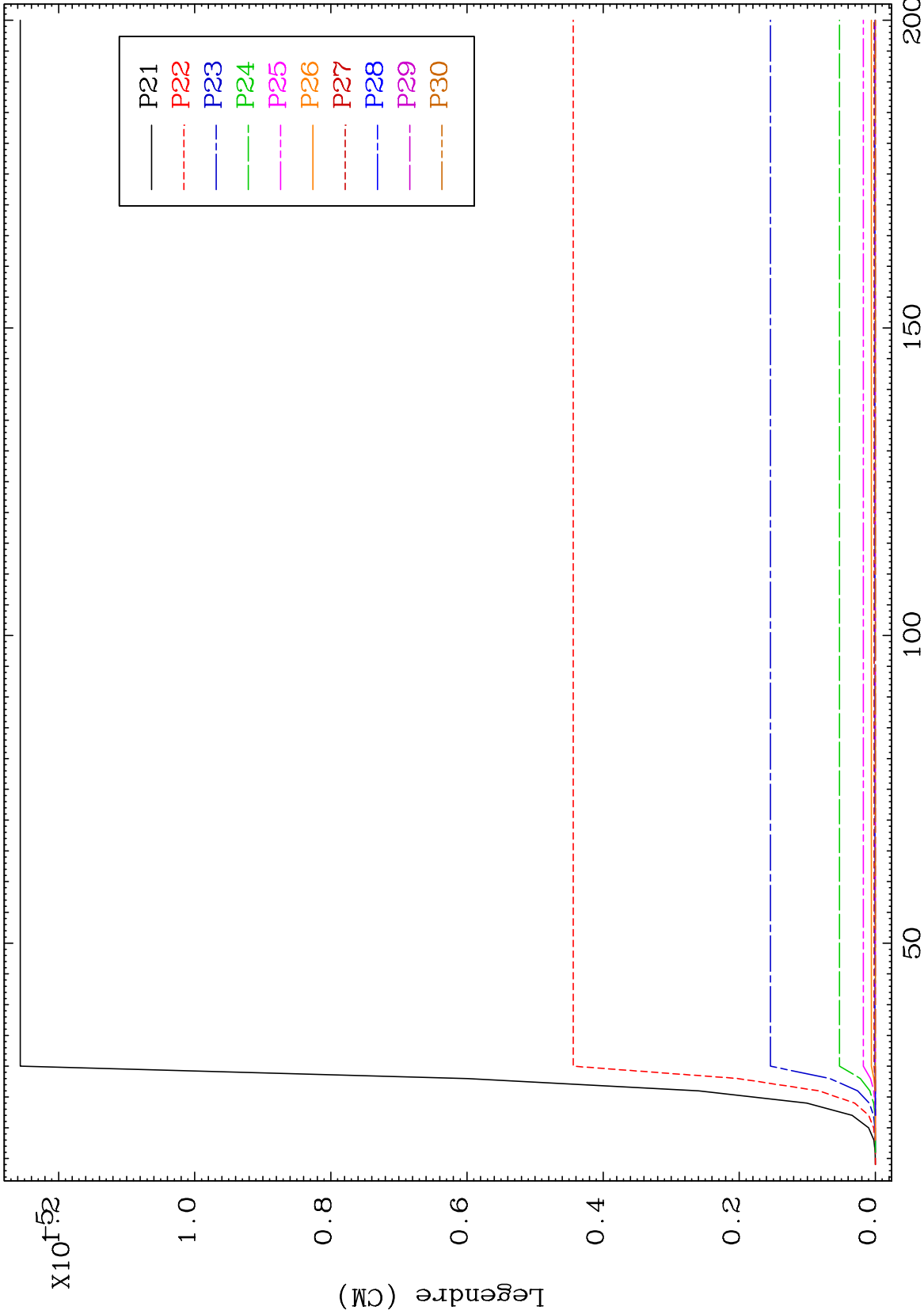
19-K -37



MAT 1919

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

19-K -37



56

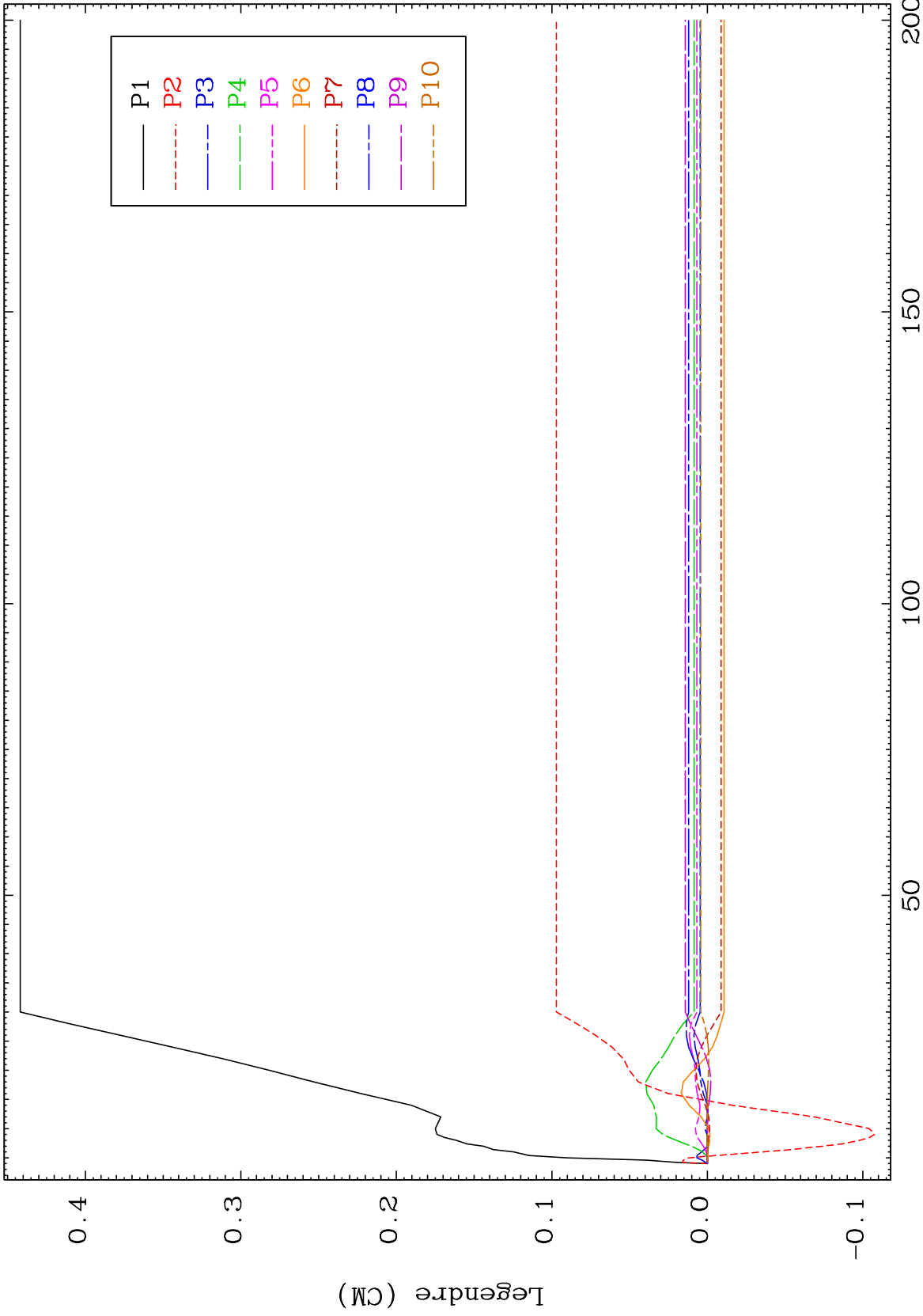
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37

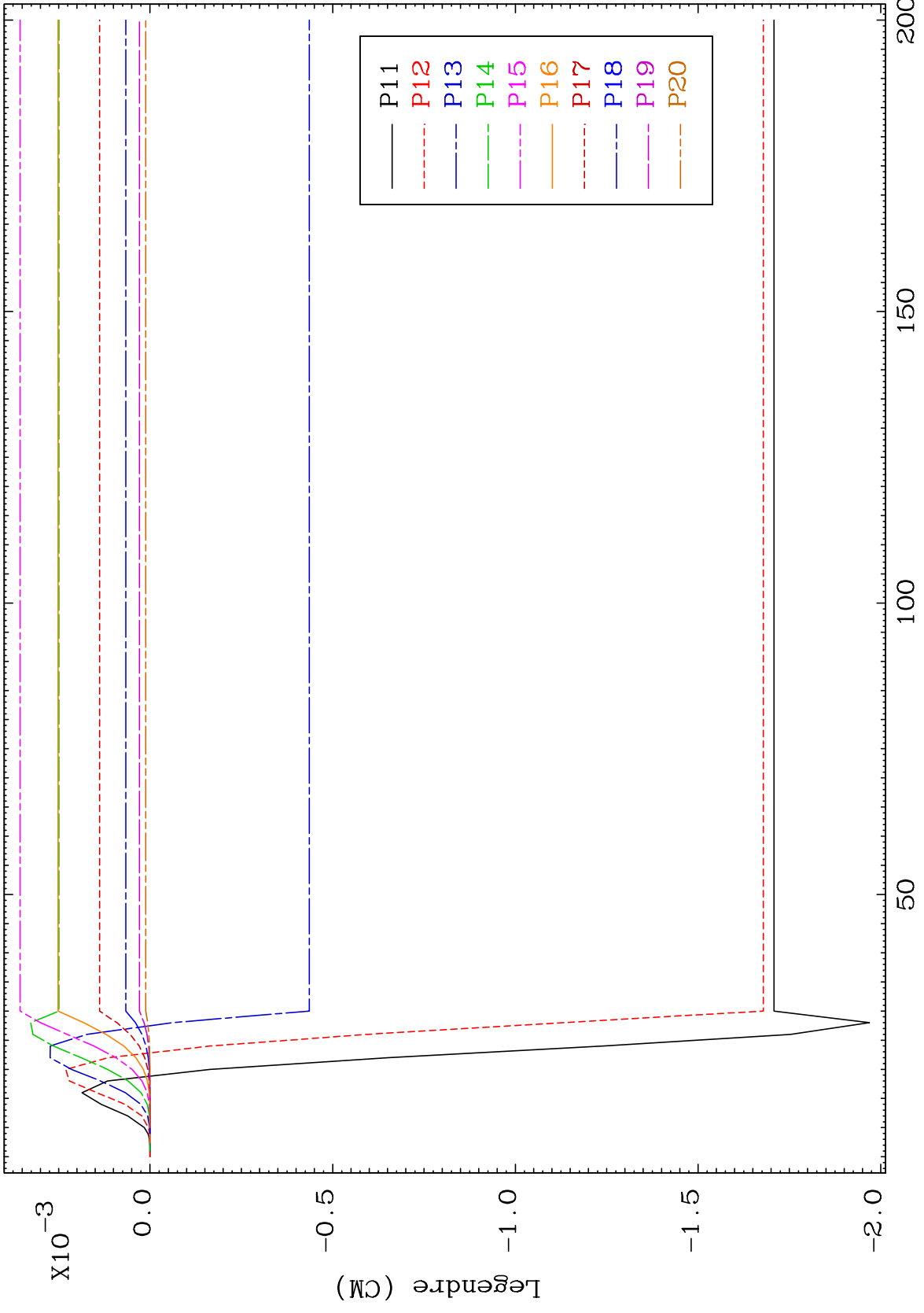


57

Incident Energy (MeV)

19-K -37

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

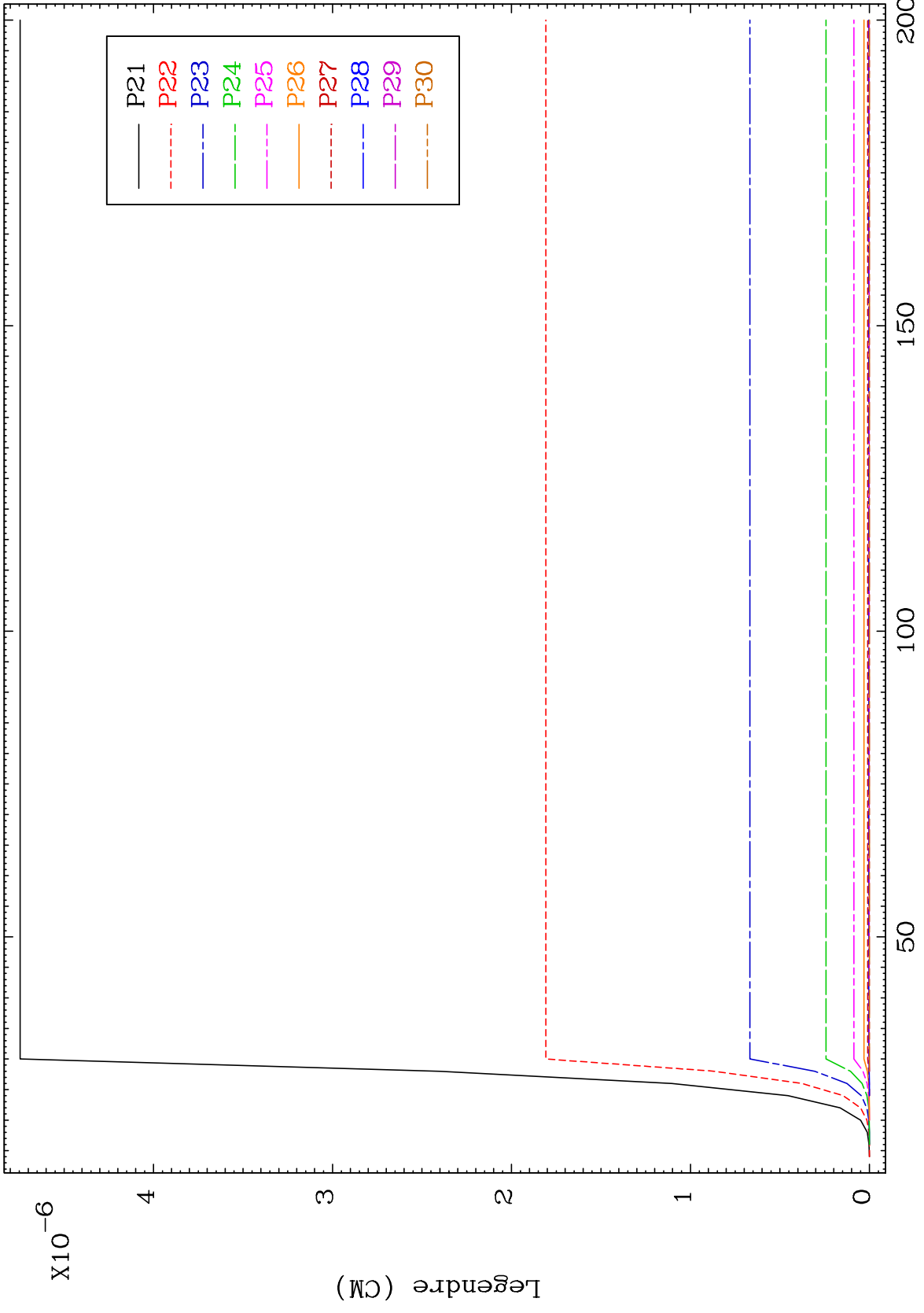


58 19-K -37

MAT 1919

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

19-K -37

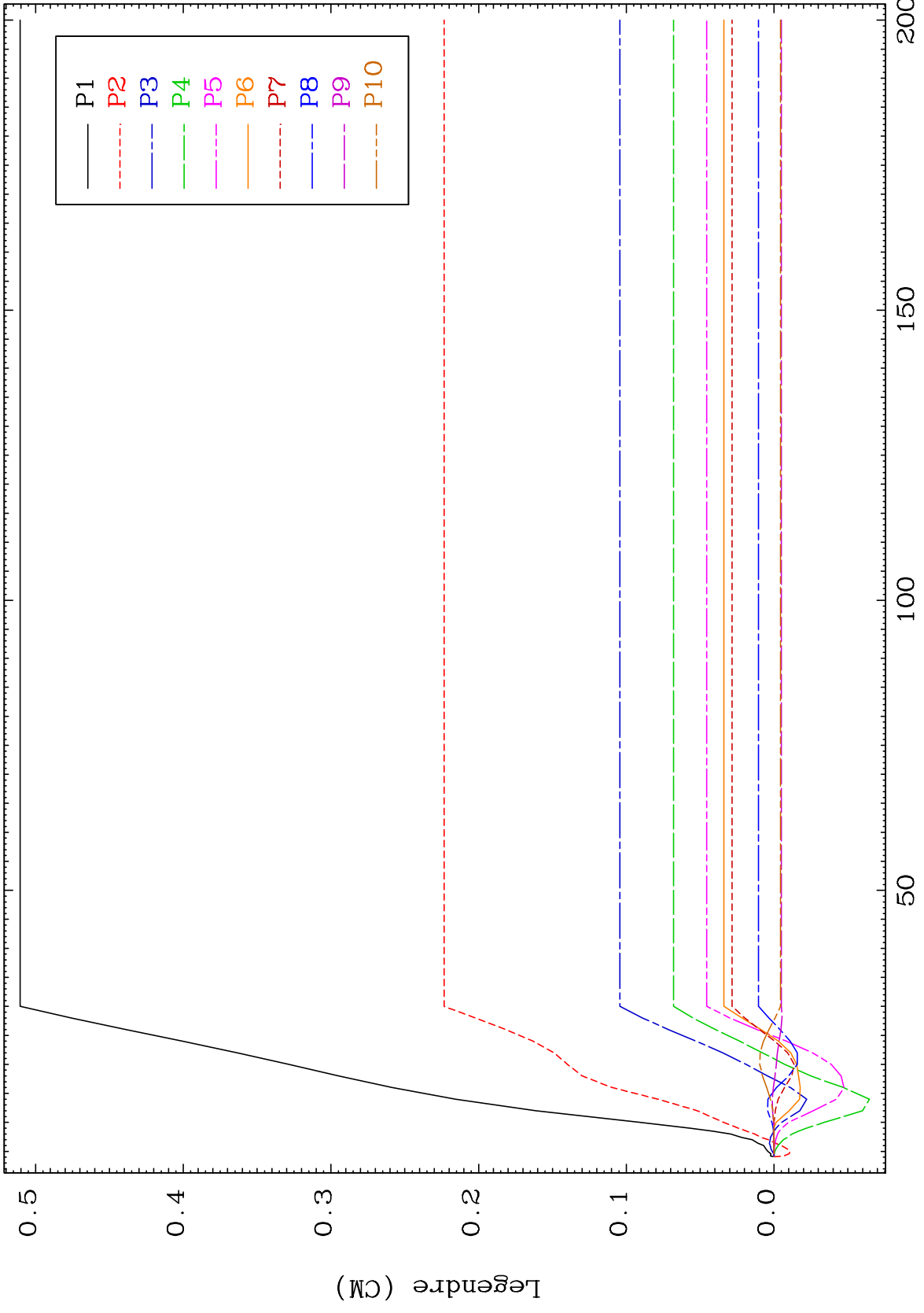


59

Incident Energy (MeV)

19-K -37

MAT 1919 MT= 65 (n,n') Level Legendre Coefficients 19-K -37

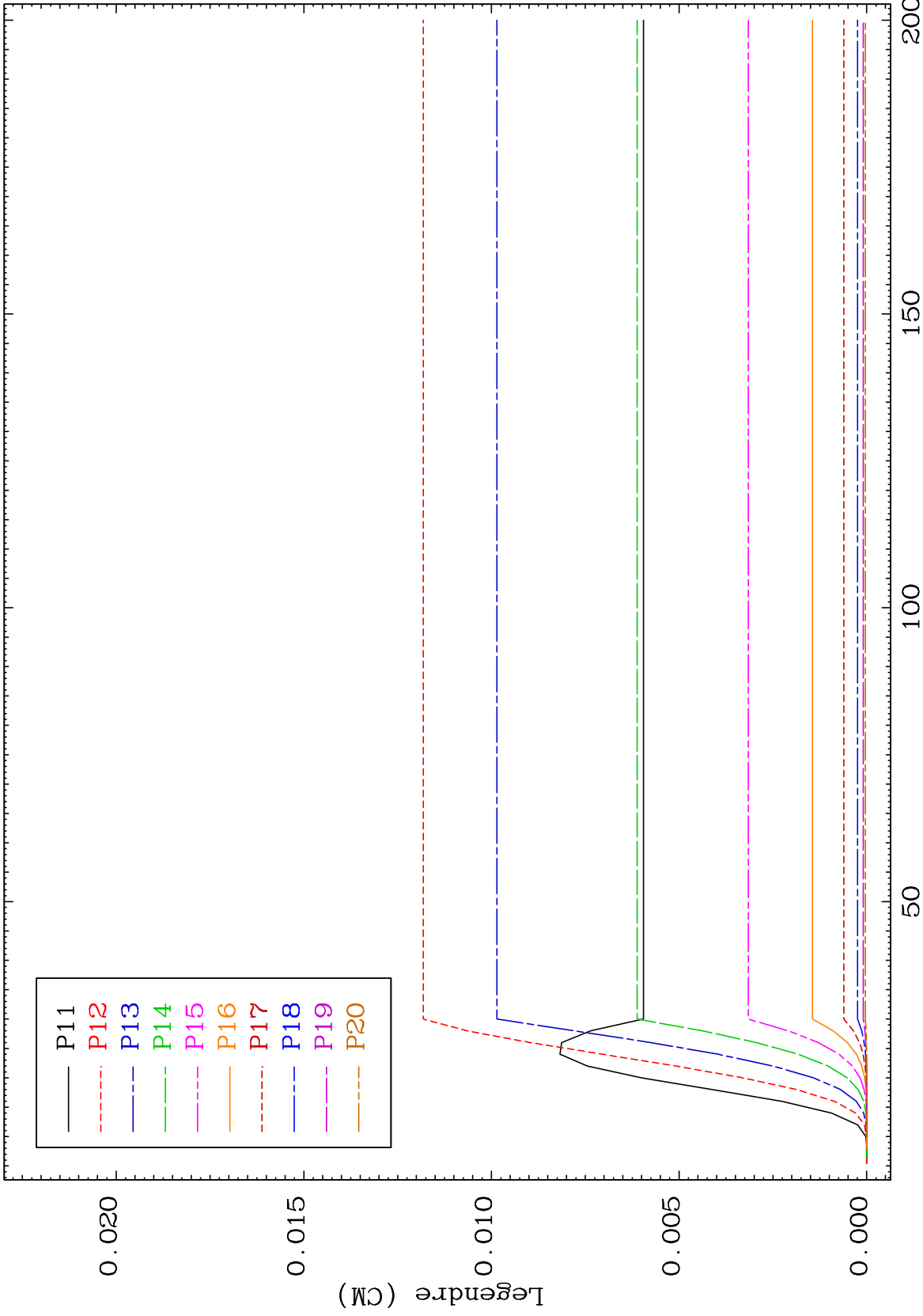


19-K -37

MAT 1919

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

19-K -37



61

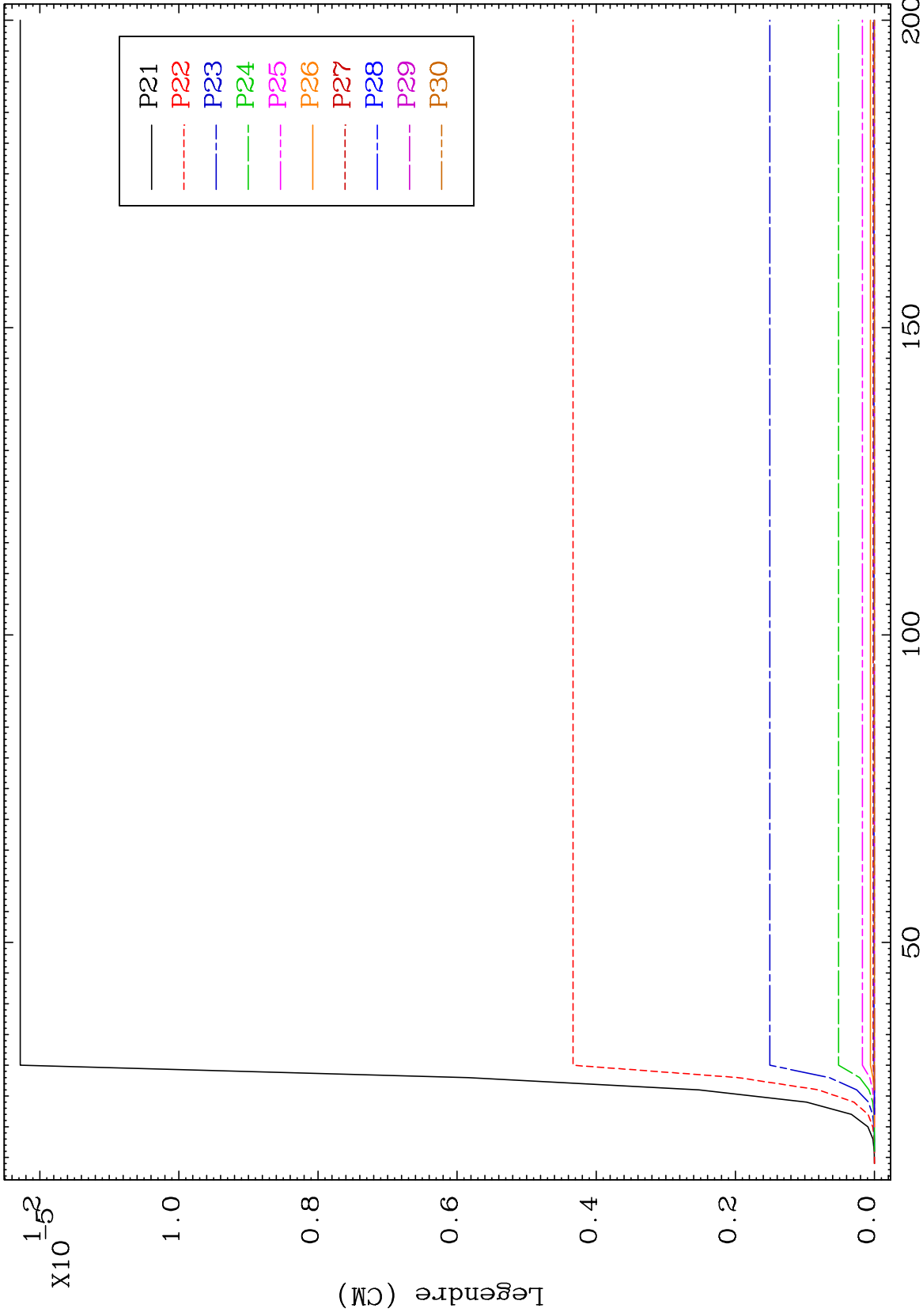
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



62

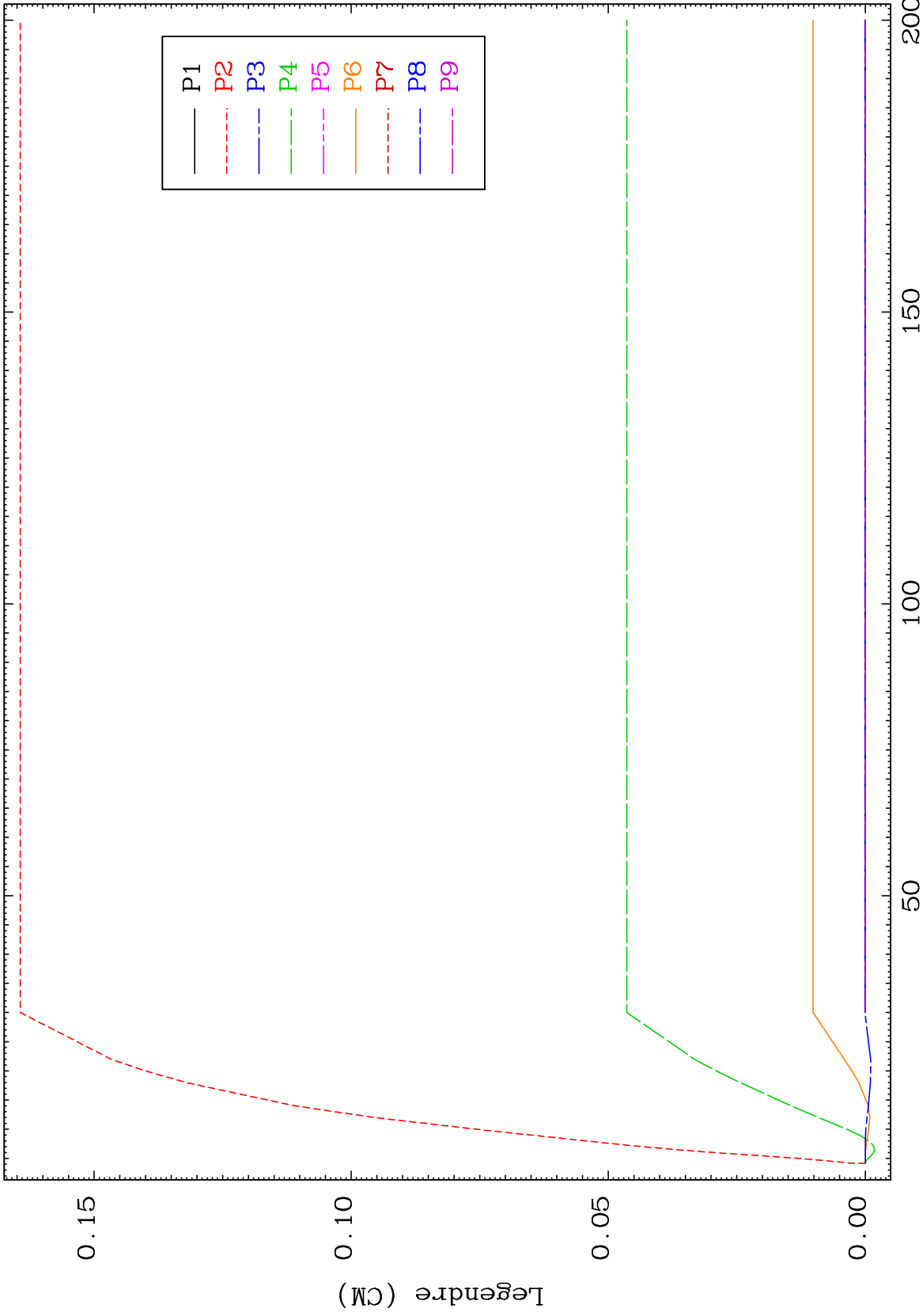
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



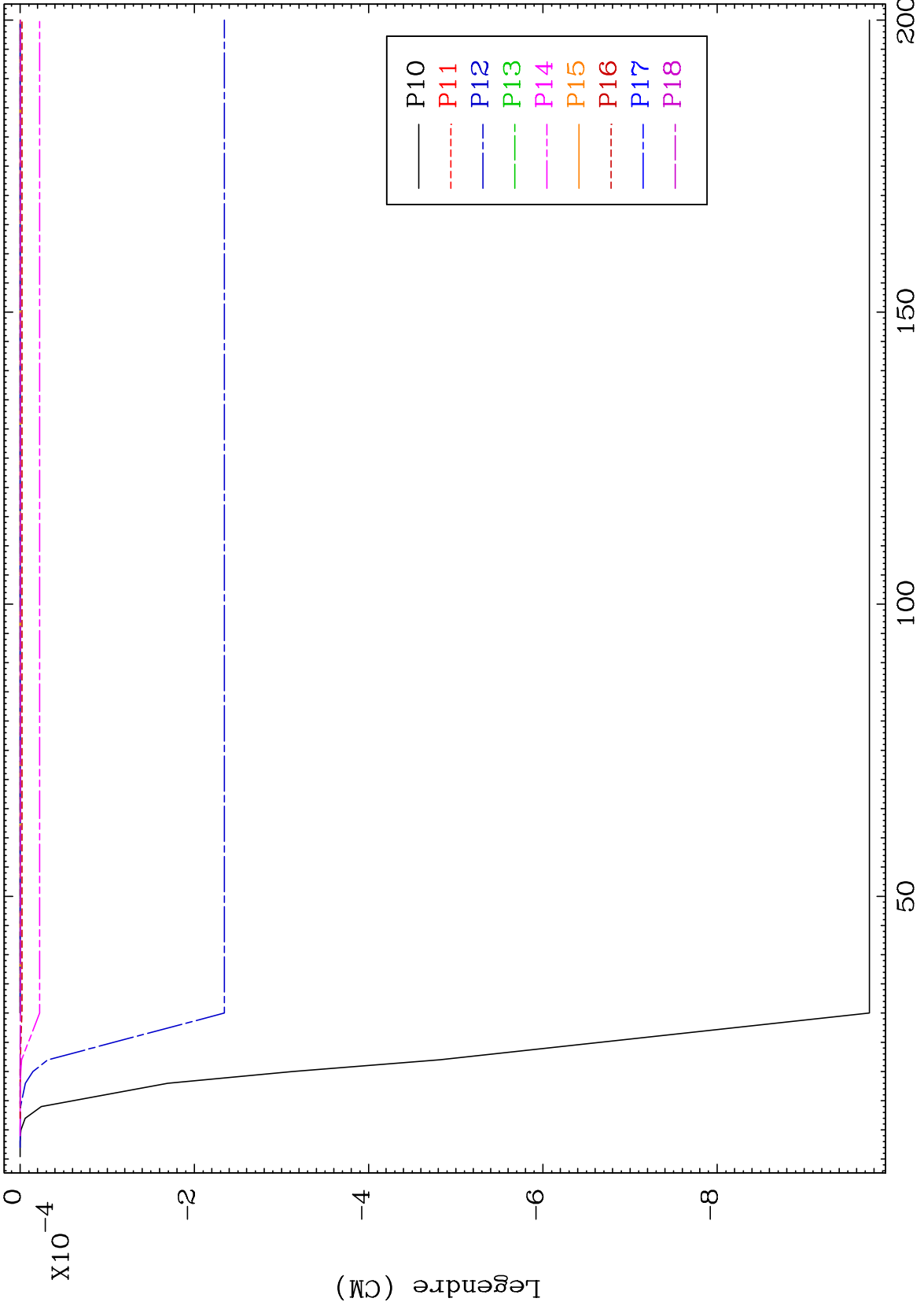
63

Incident Energy (MeV)

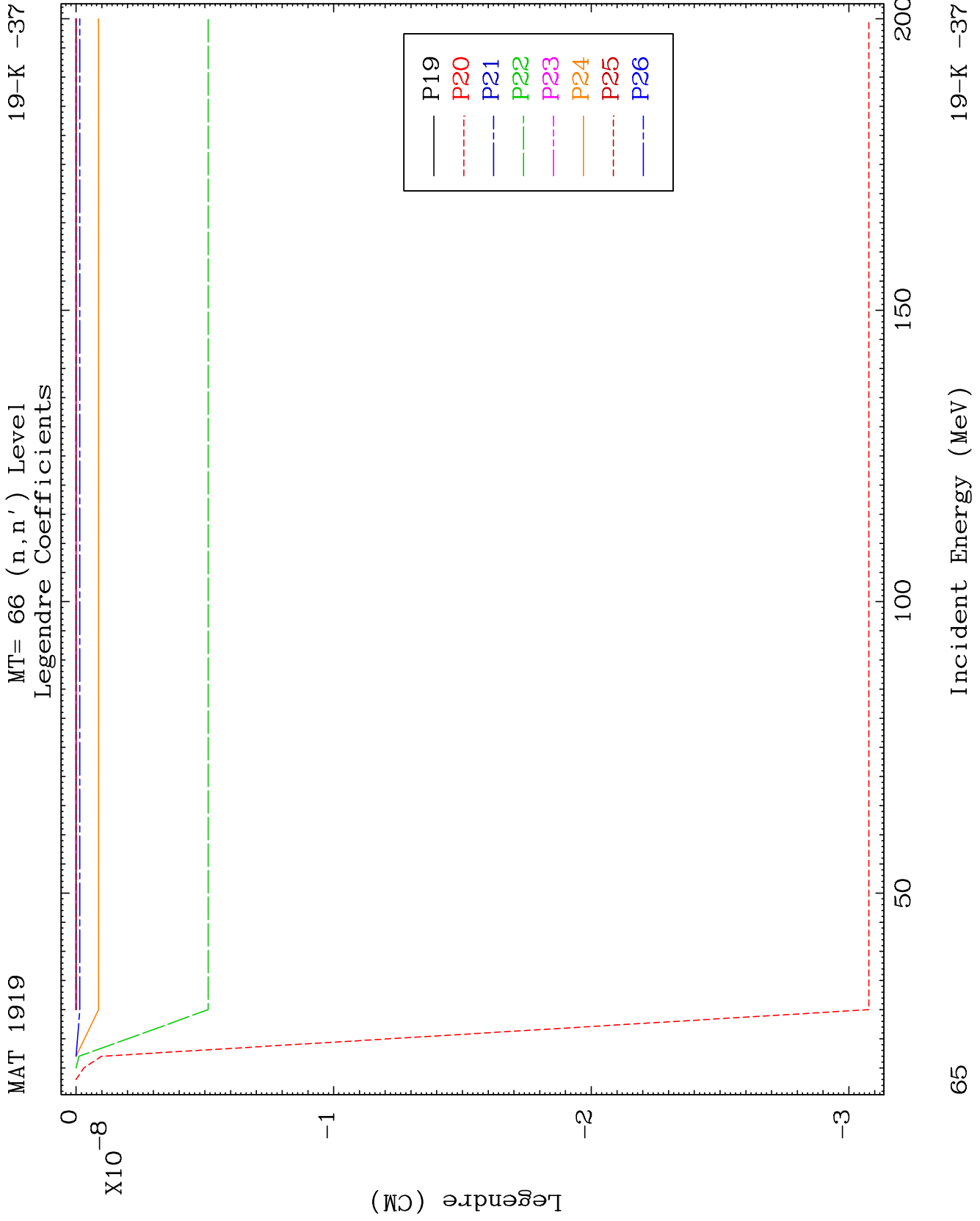
19-K -37



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



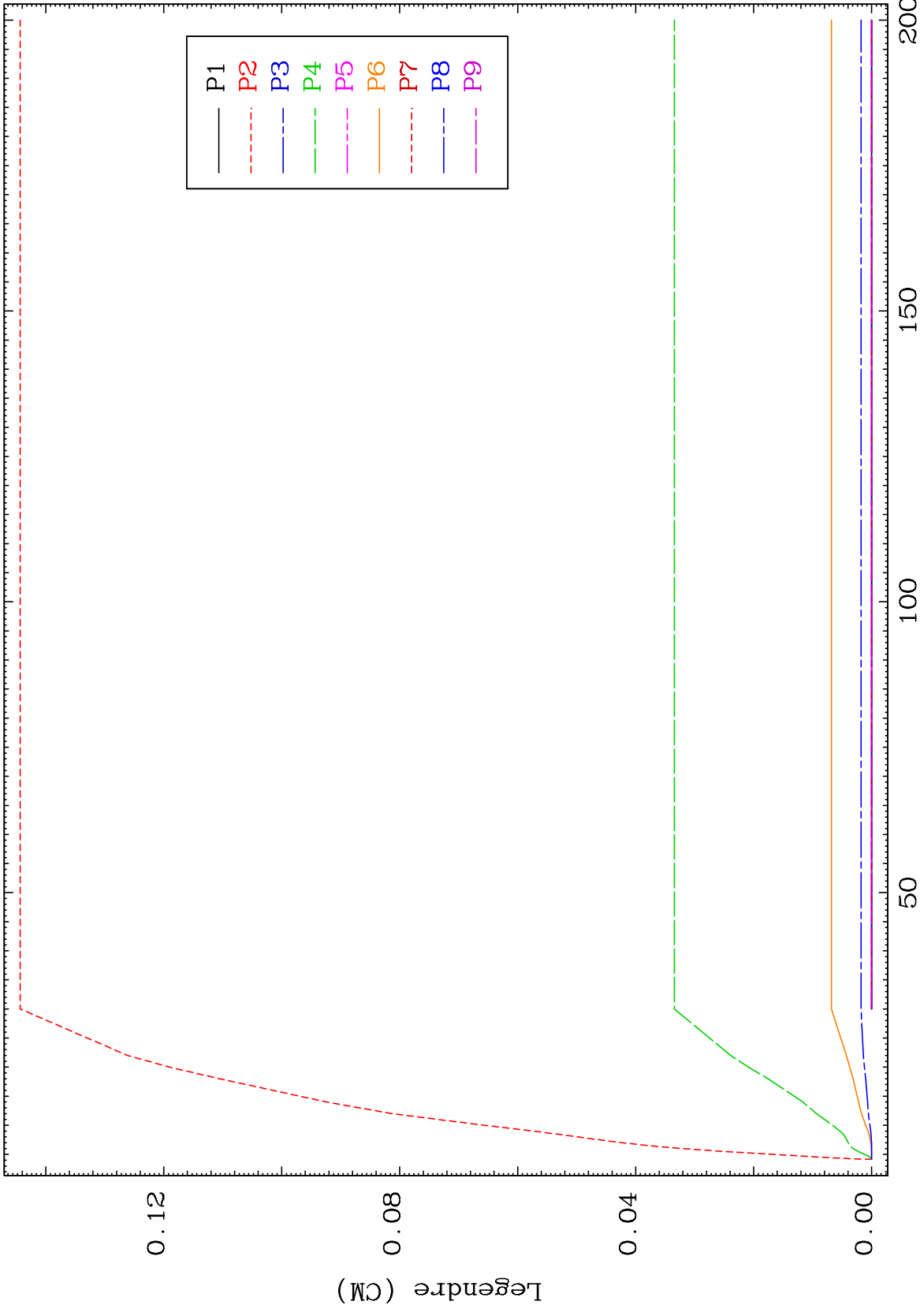
64 19-K -37



MAT 1919

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

19-K -37



66

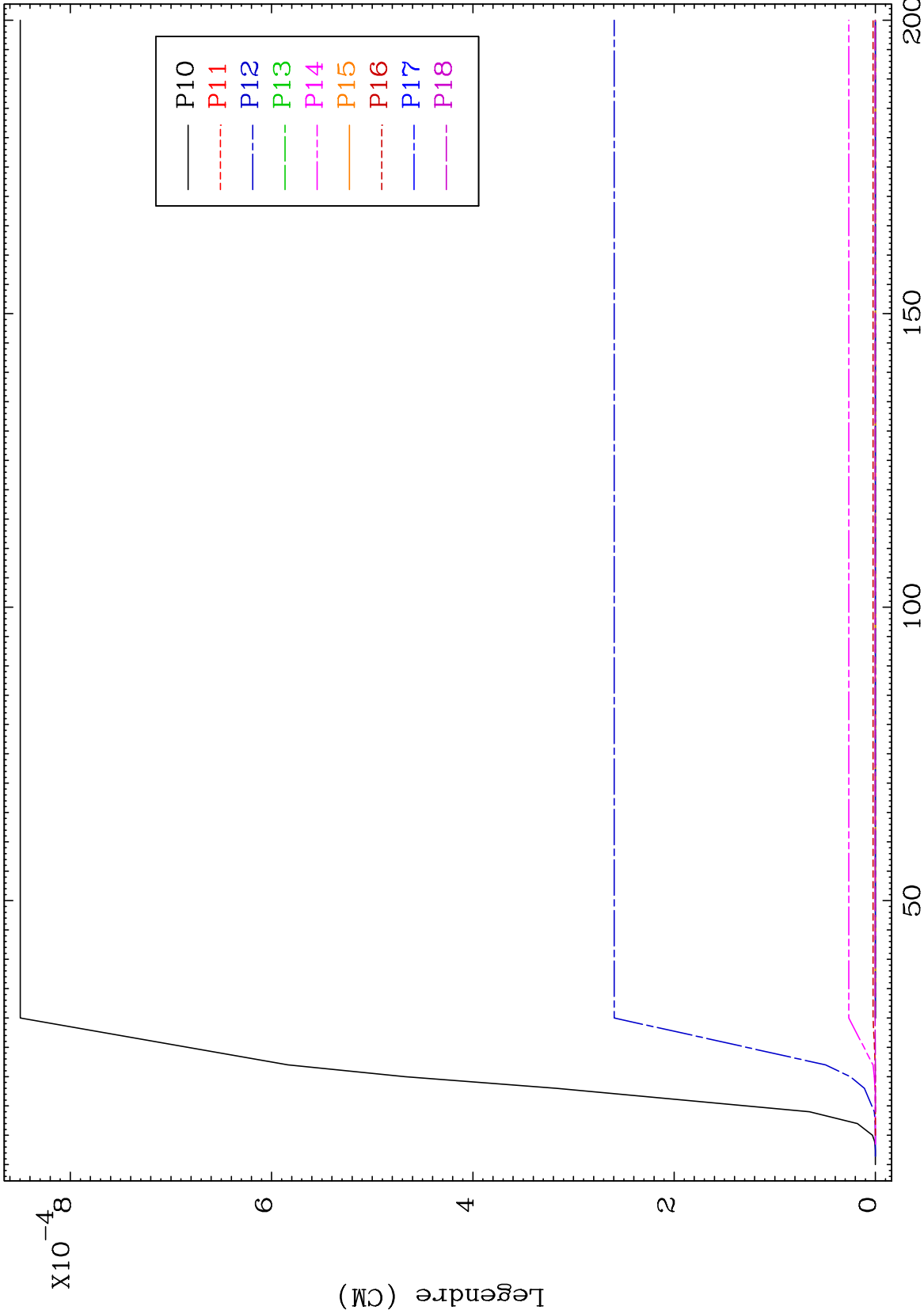
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37

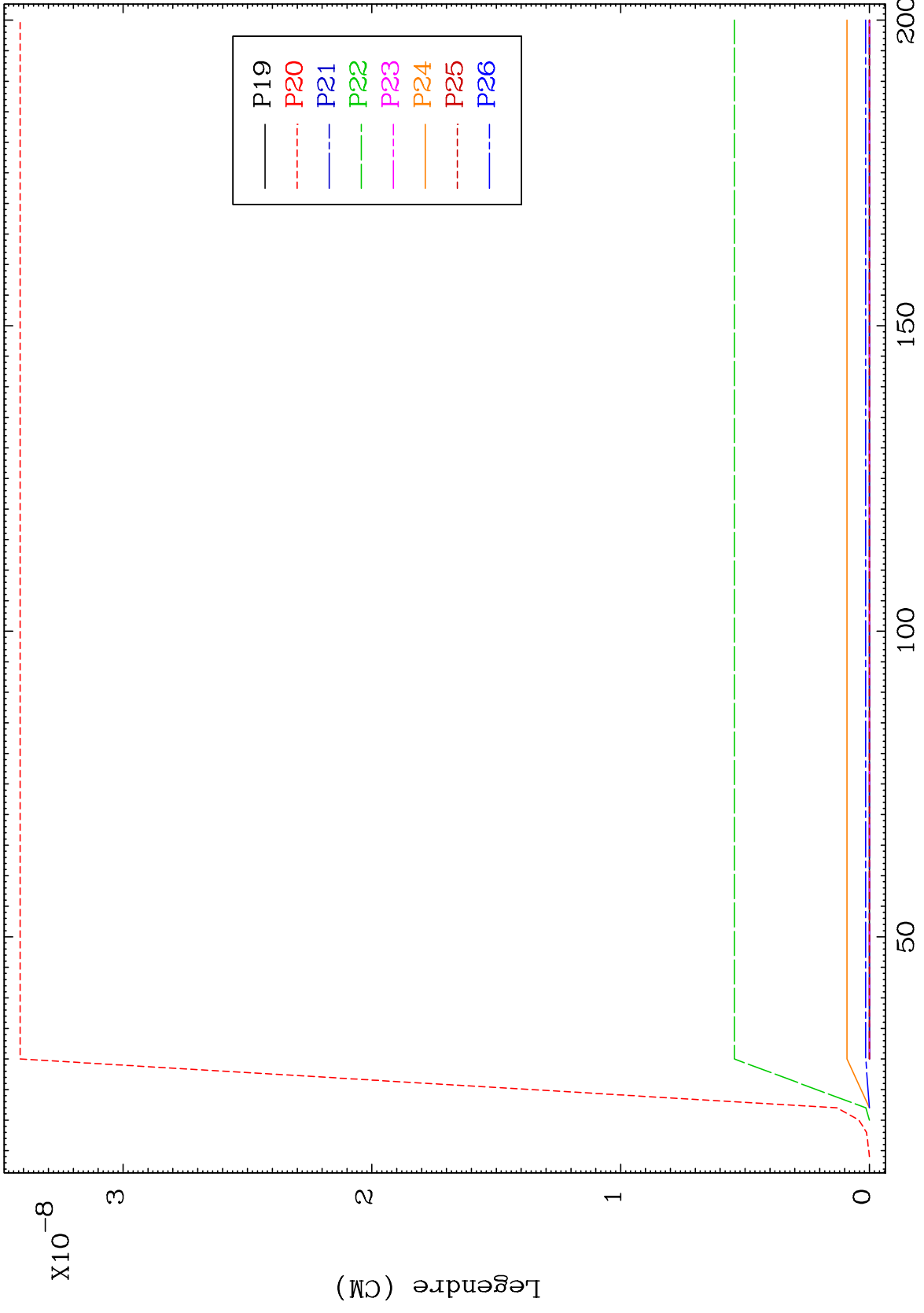


67

Incident Energy (MeV)

19-K -37

MAT 1919 MT= 67 (n,n') Level Legendre Coefficients 19-K -37

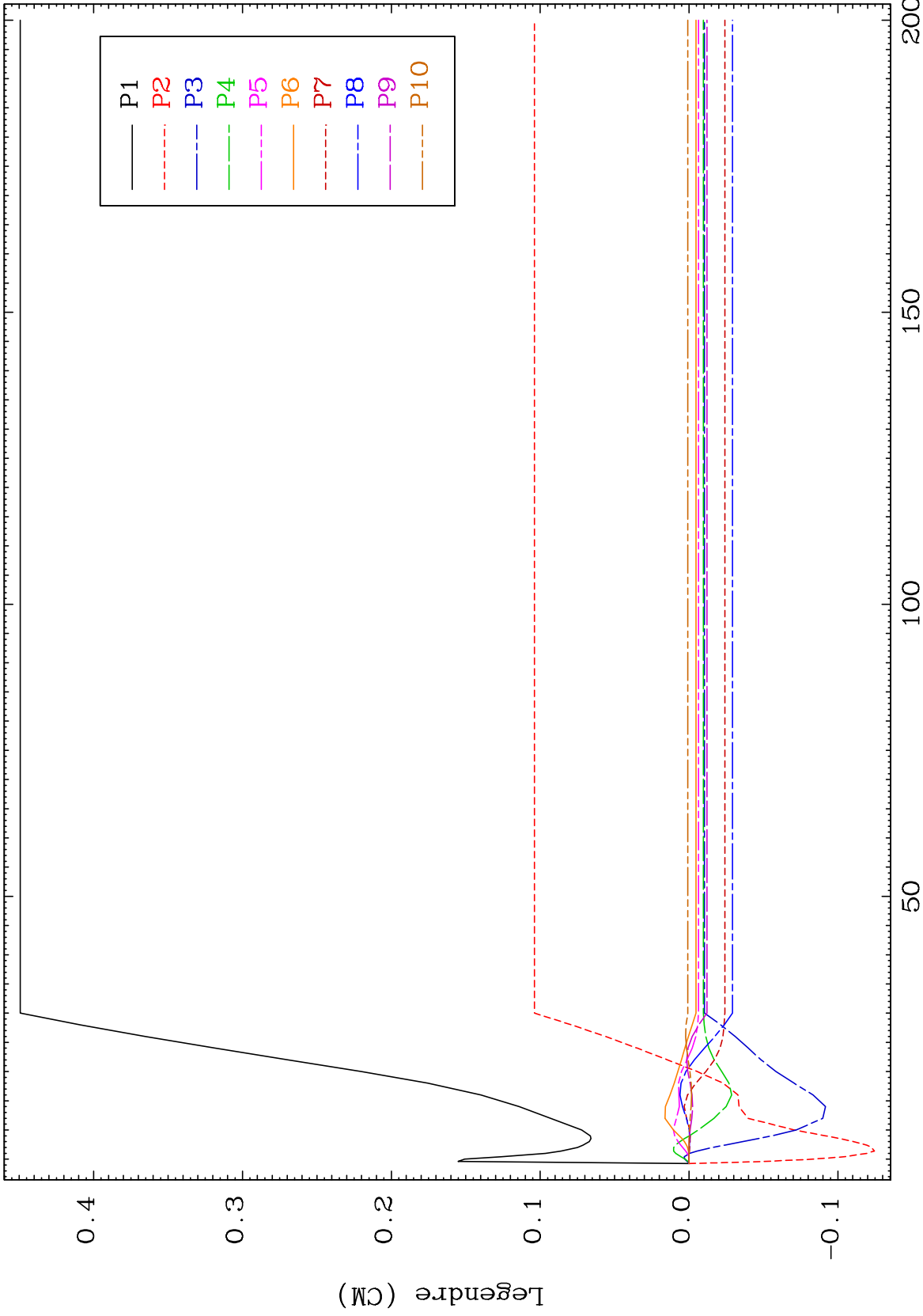


68 19-K -37

MAT 1919

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

19-K -37



69

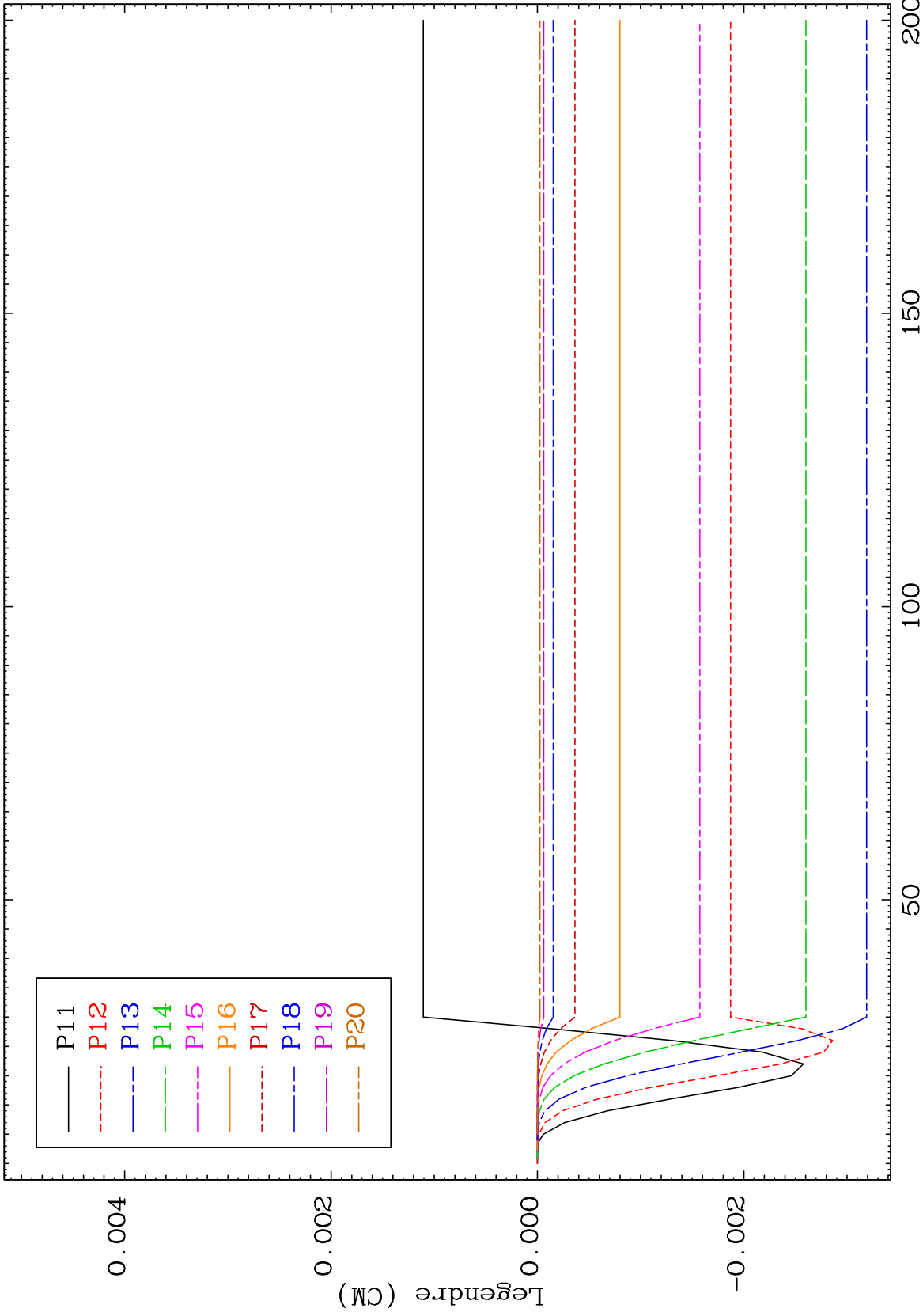
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37

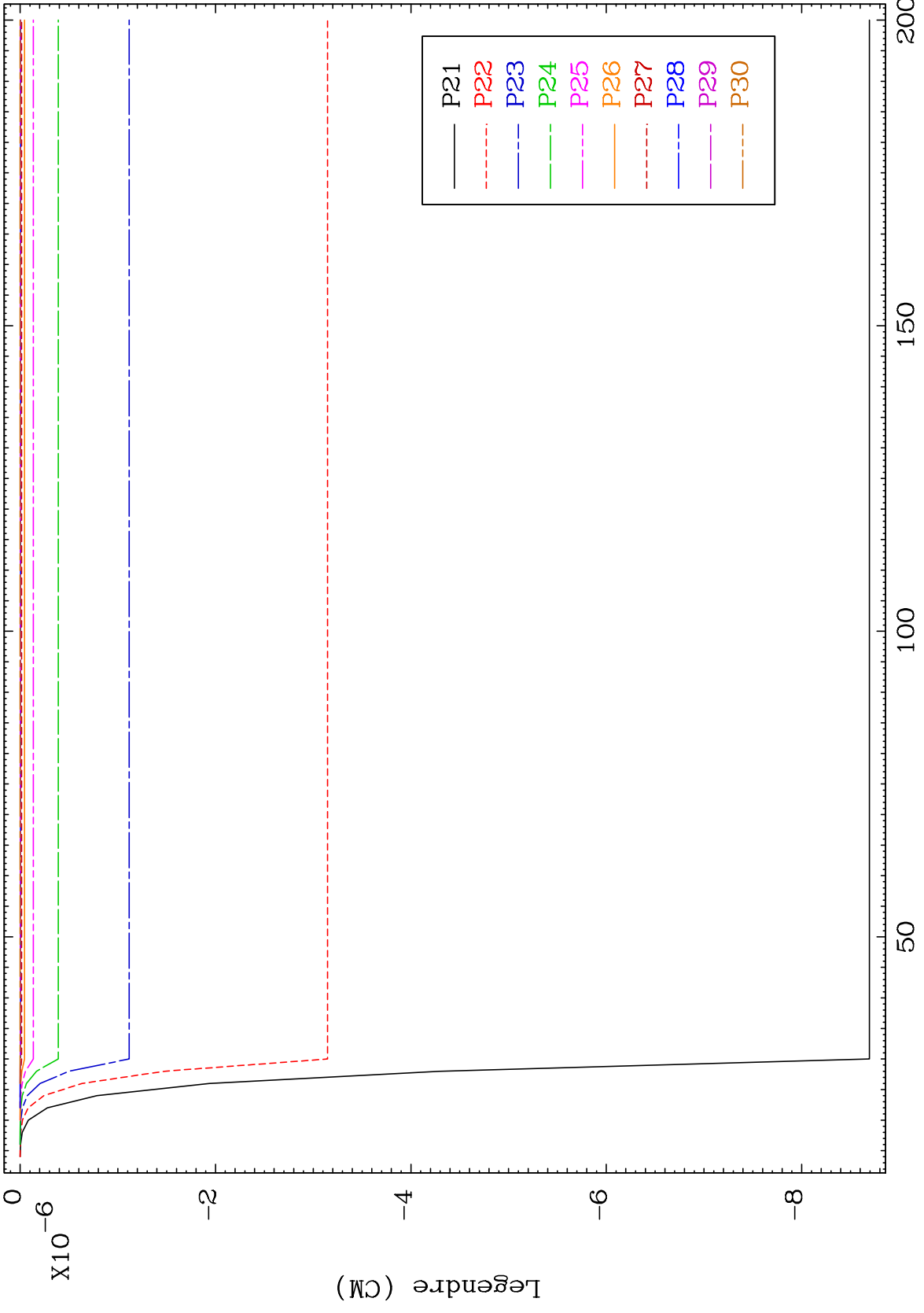


70

Incident Energy (MeV)

19-K -37

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

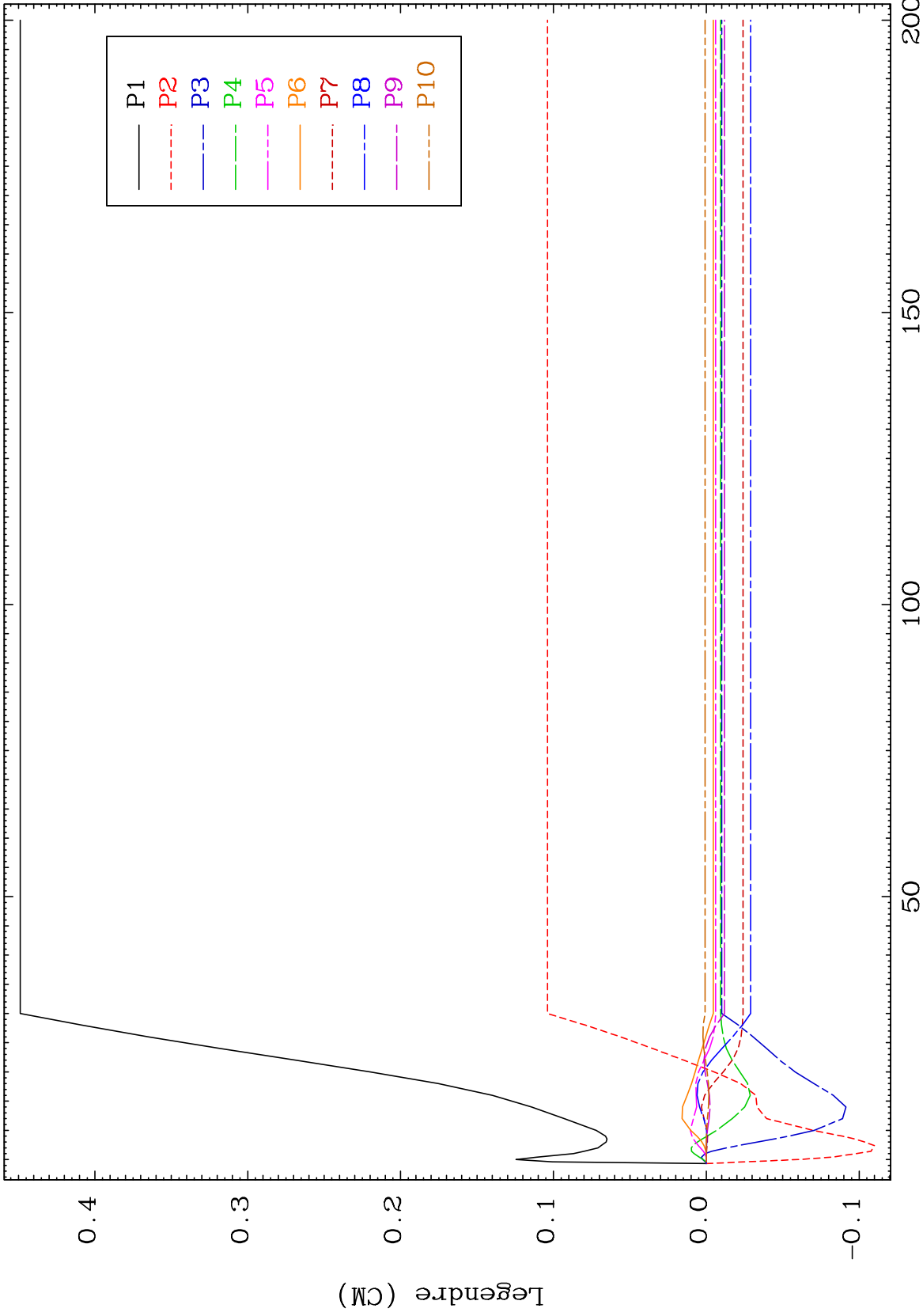




MAT 1919

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

19-K -37



72

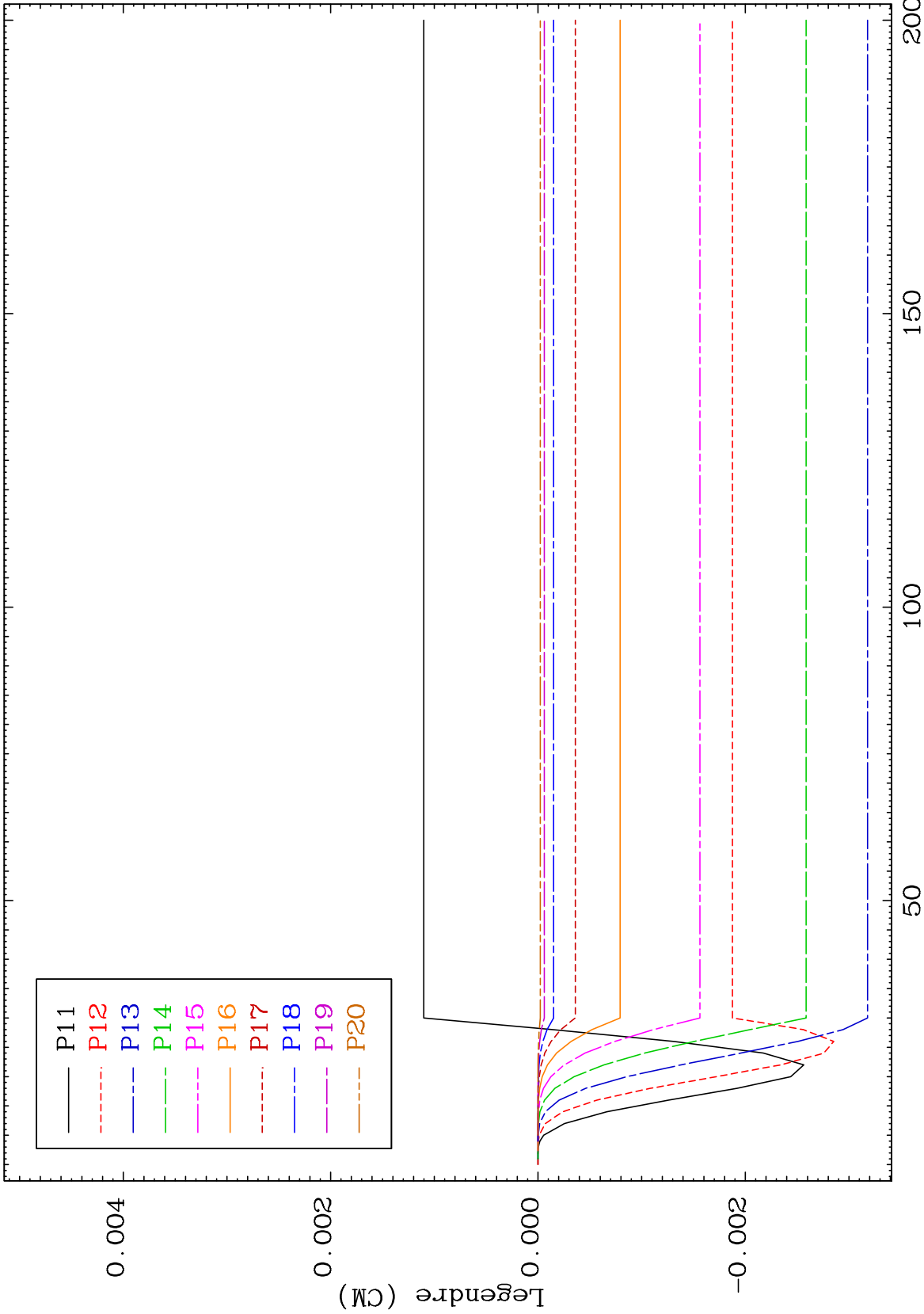
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37

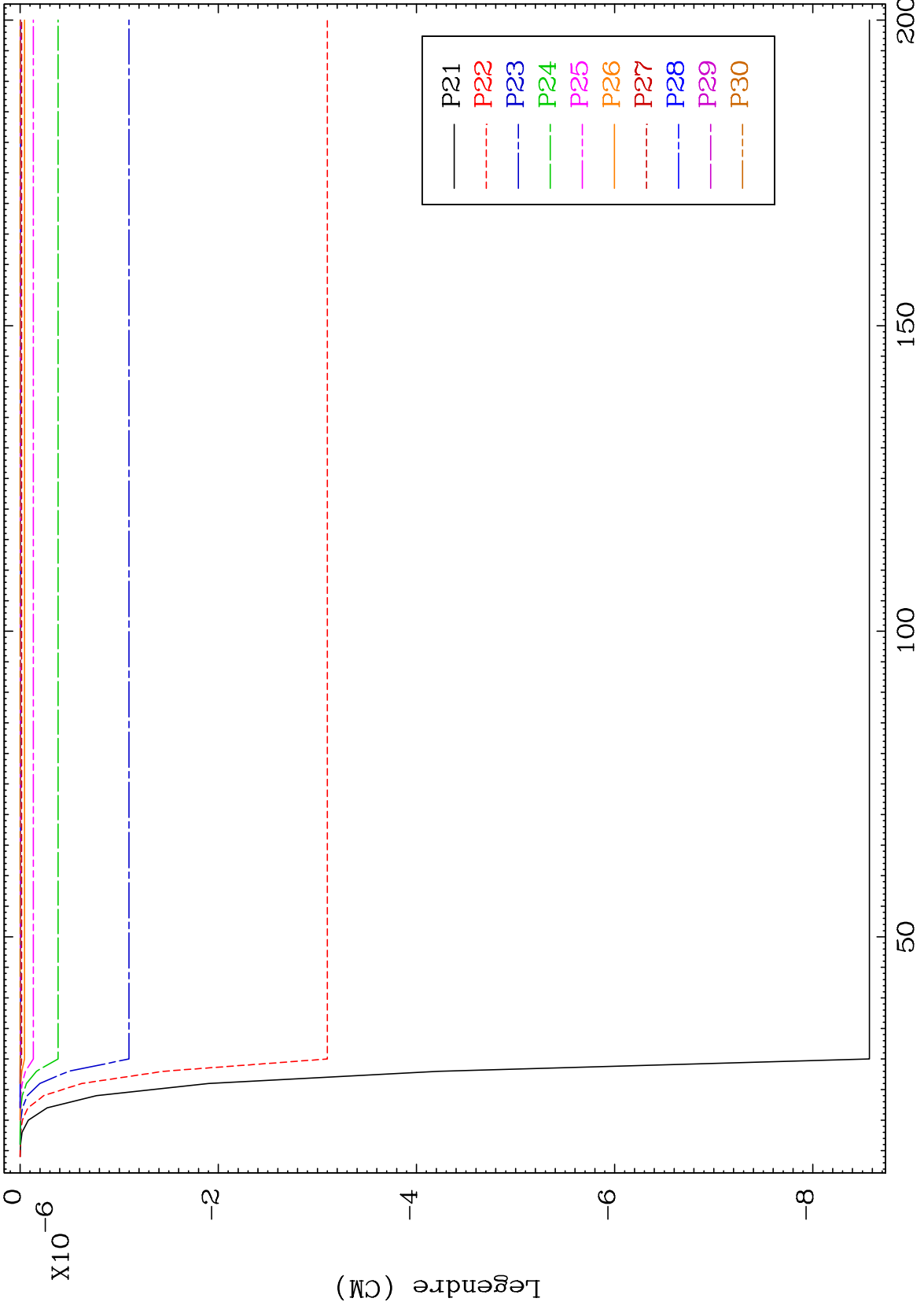


73

Incident Energy (MeV)

19-K -37

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

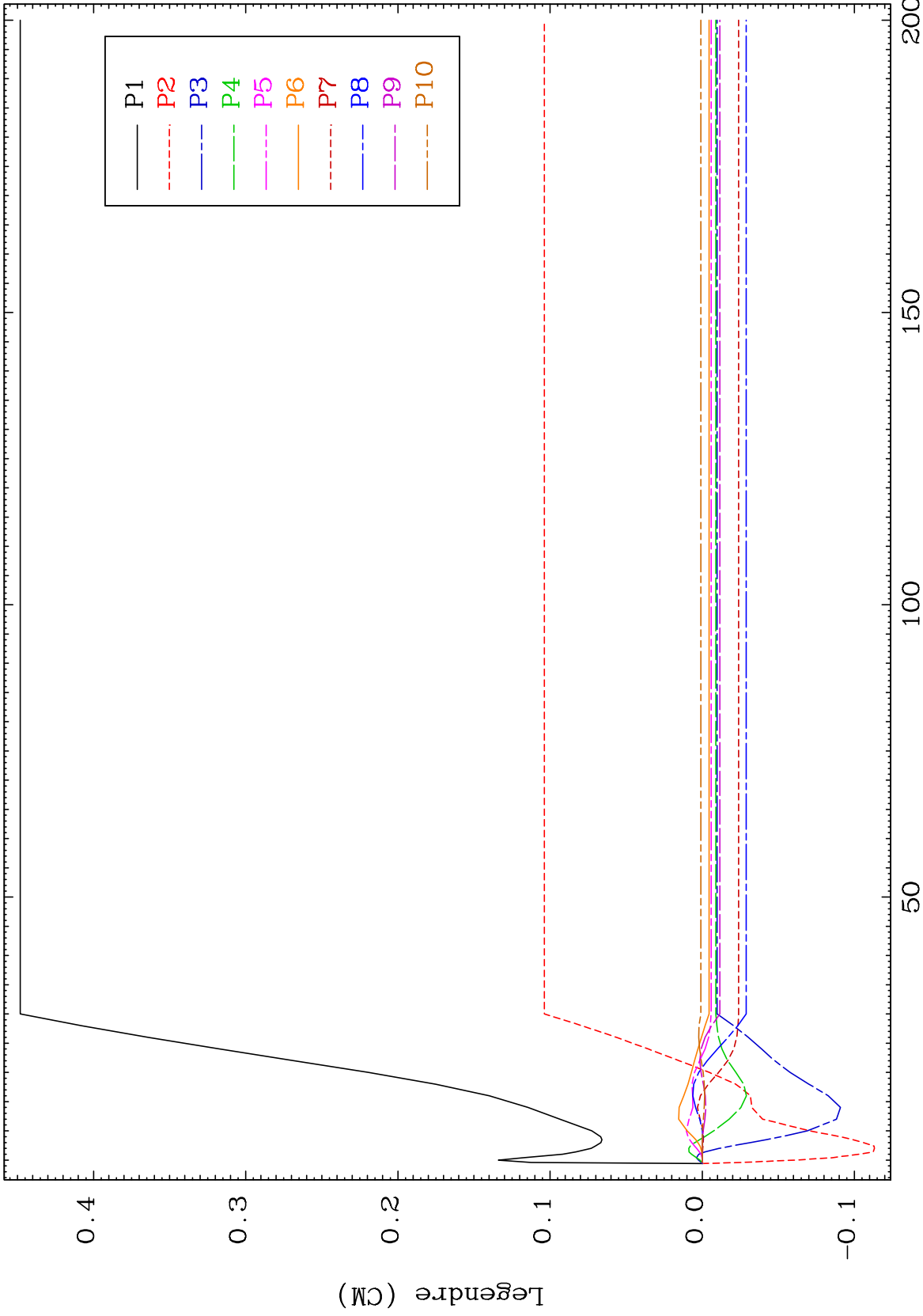


74 19-K -37

MAT 1919

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

19-K -37



75

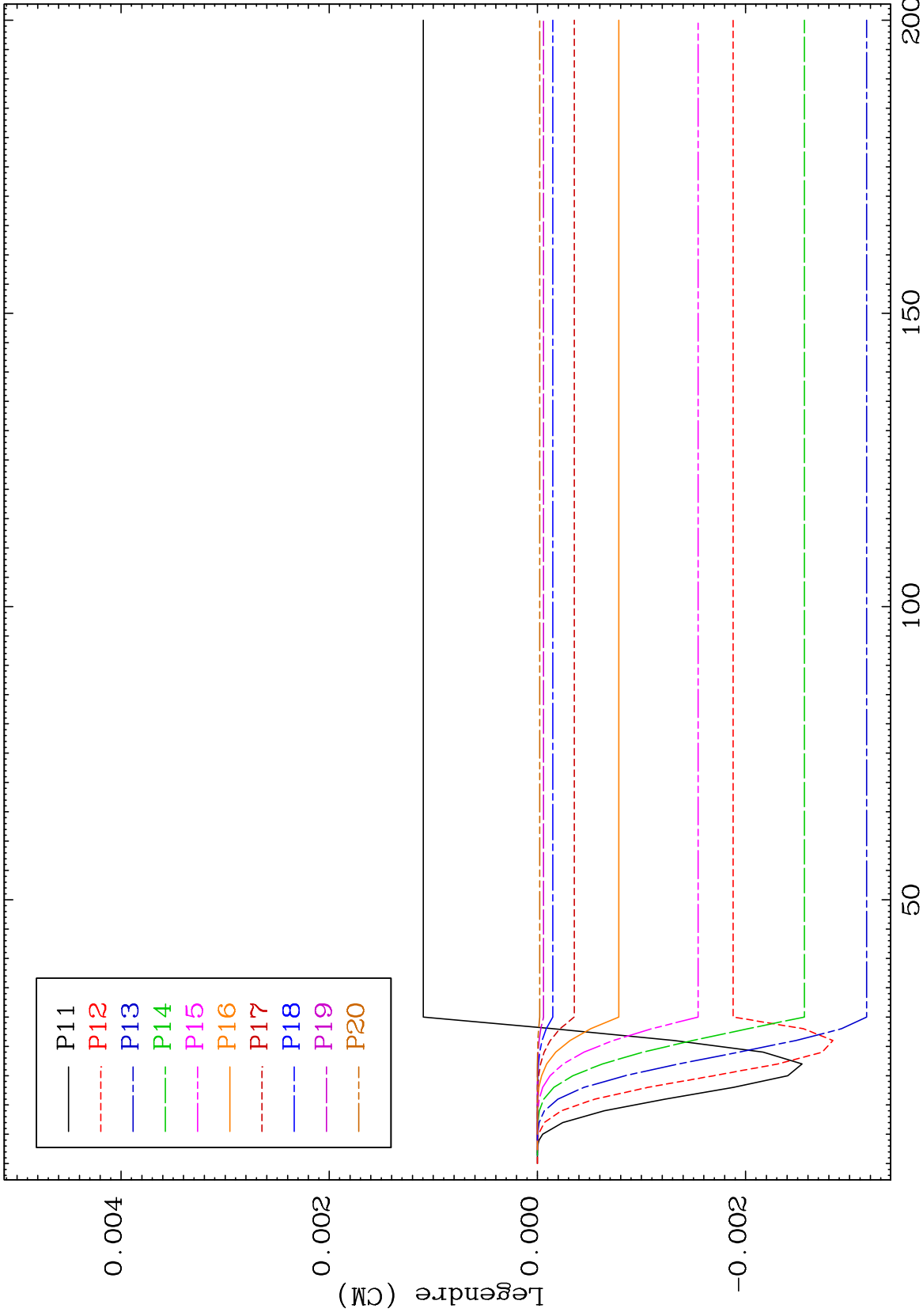
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37

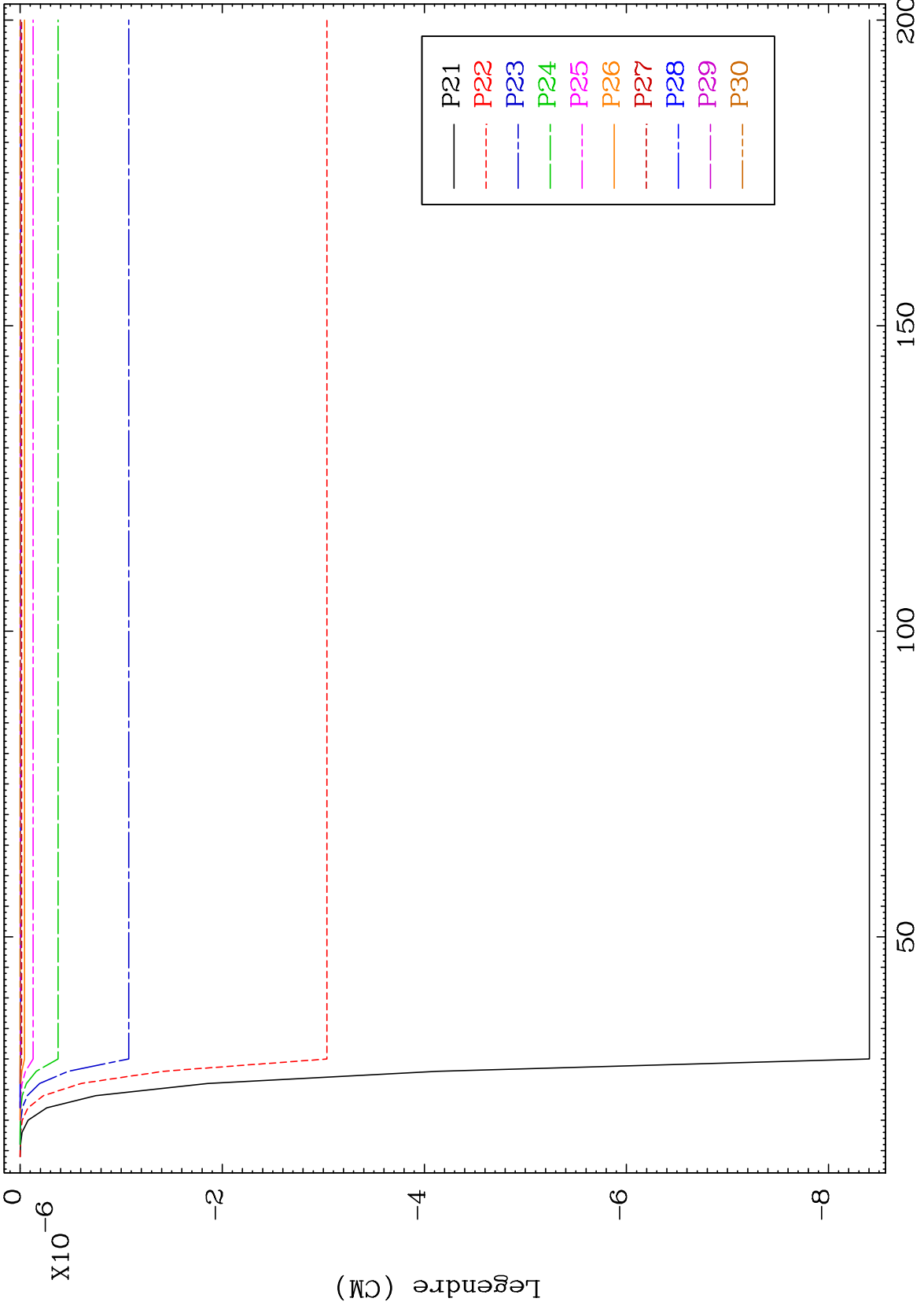


76

Incident Energy (MeV)

19-K -37

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

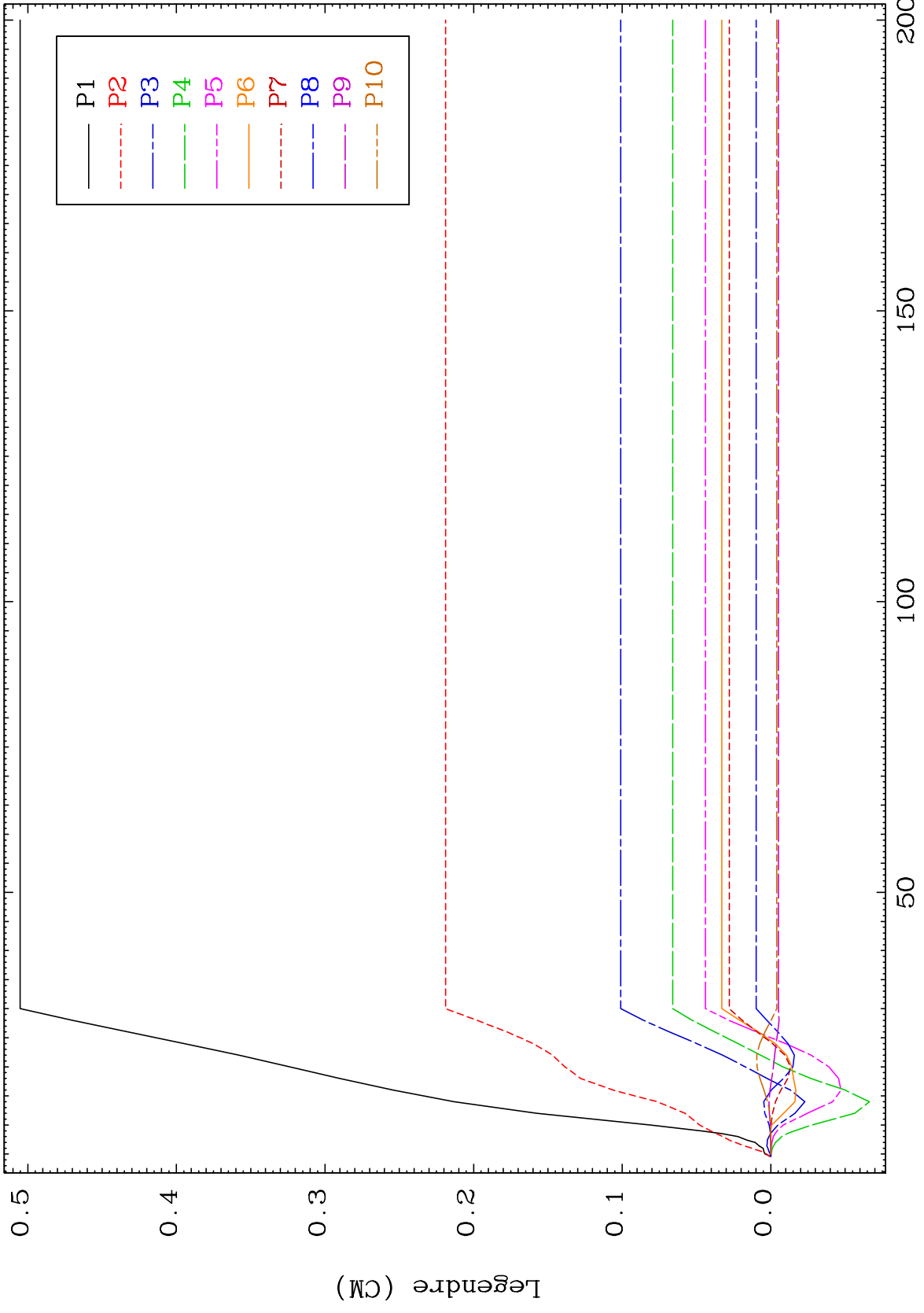


77 19-K -37

MAT 1919

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

19-K -37



78

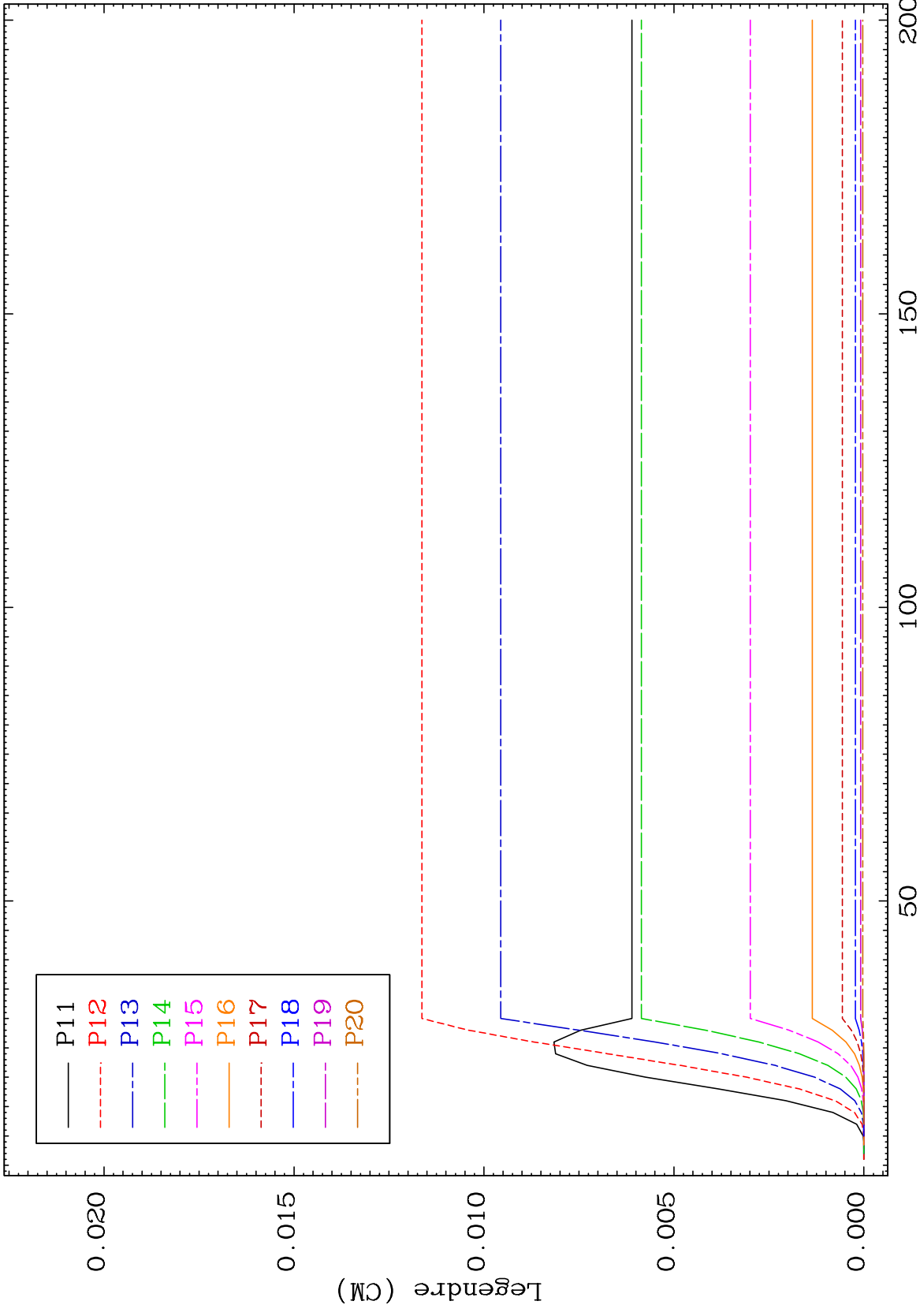
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



79

Incident Energy (MeV)

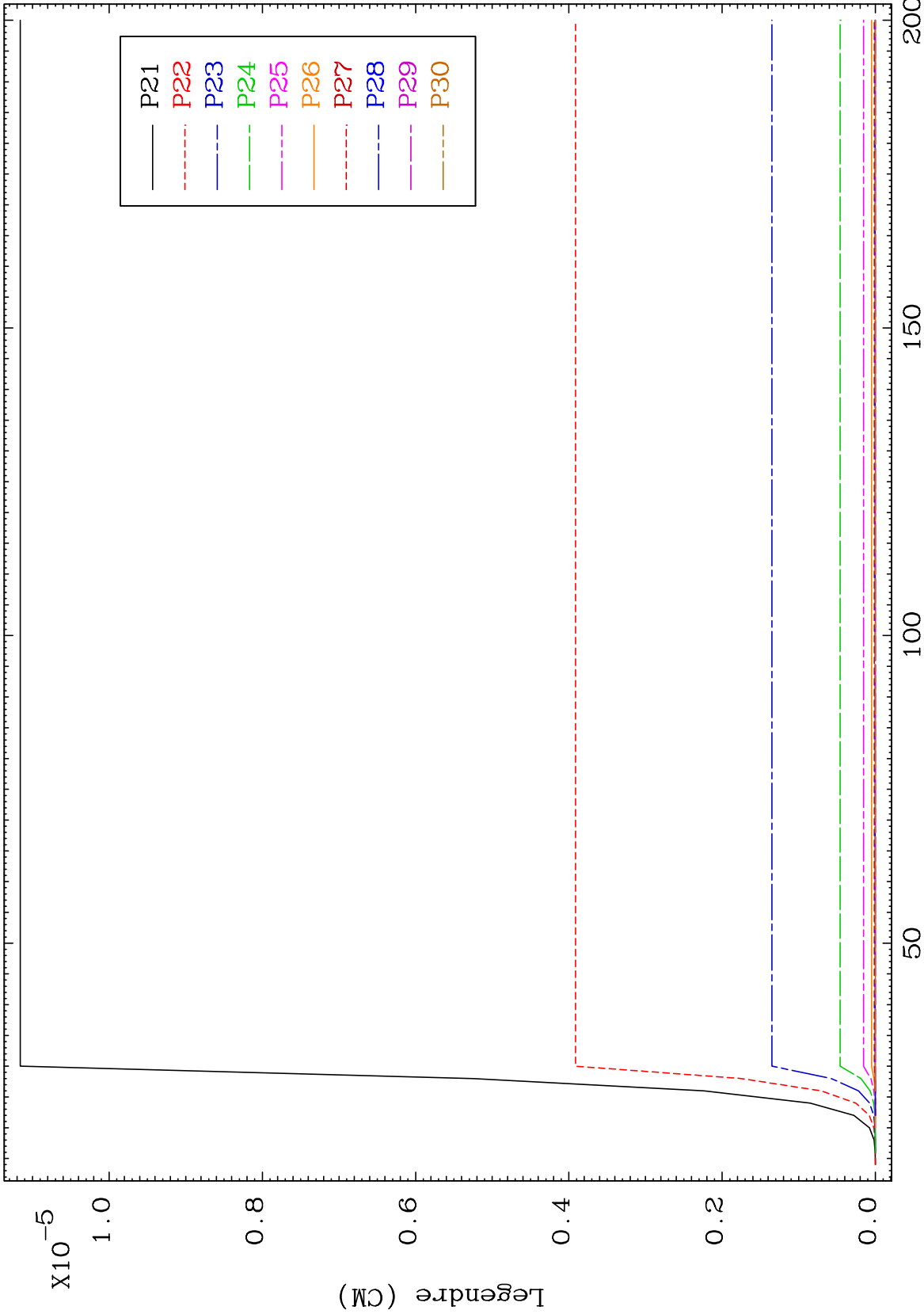
19-K -37



MAT 1919

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

19-K -37



80

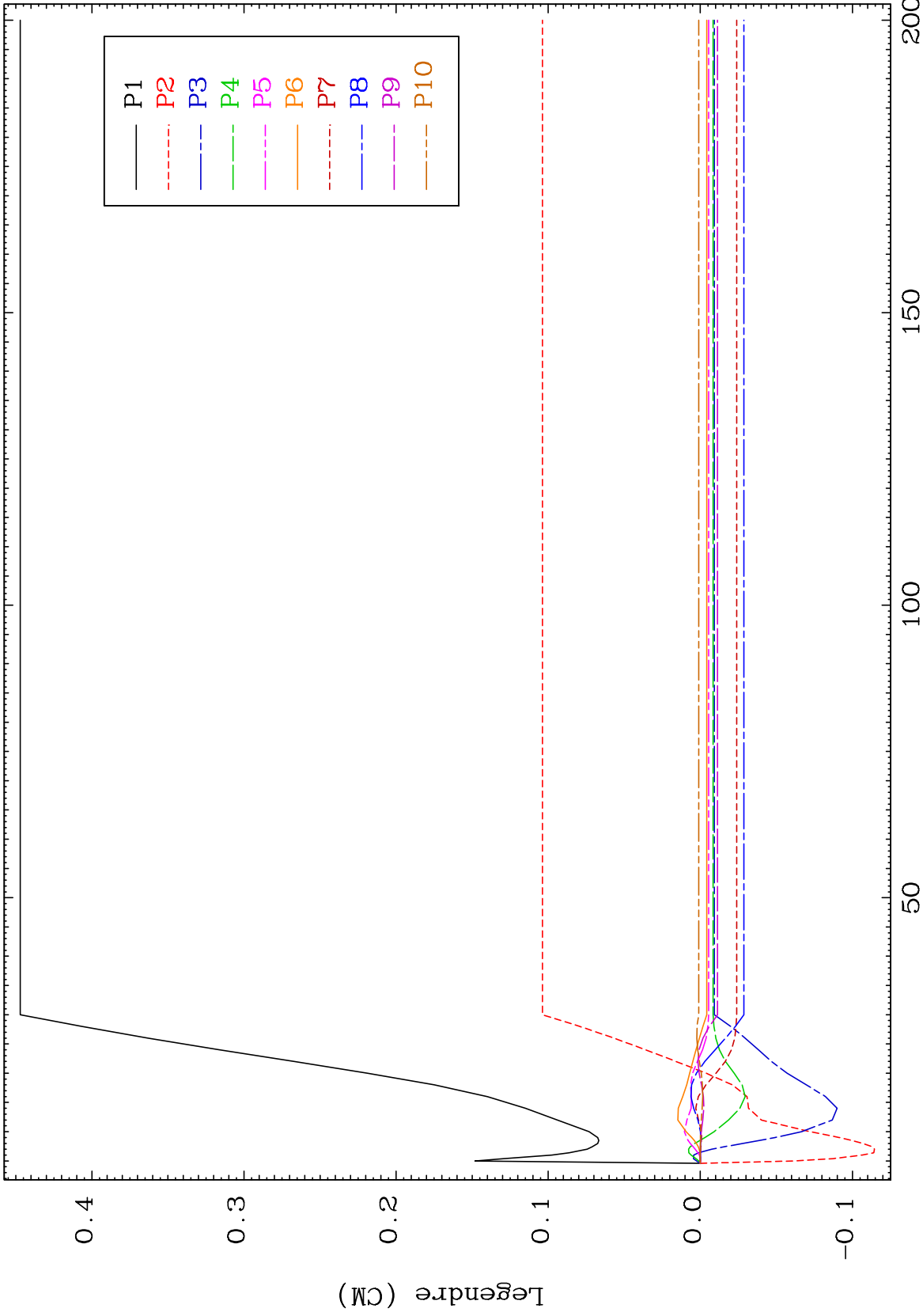
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



81

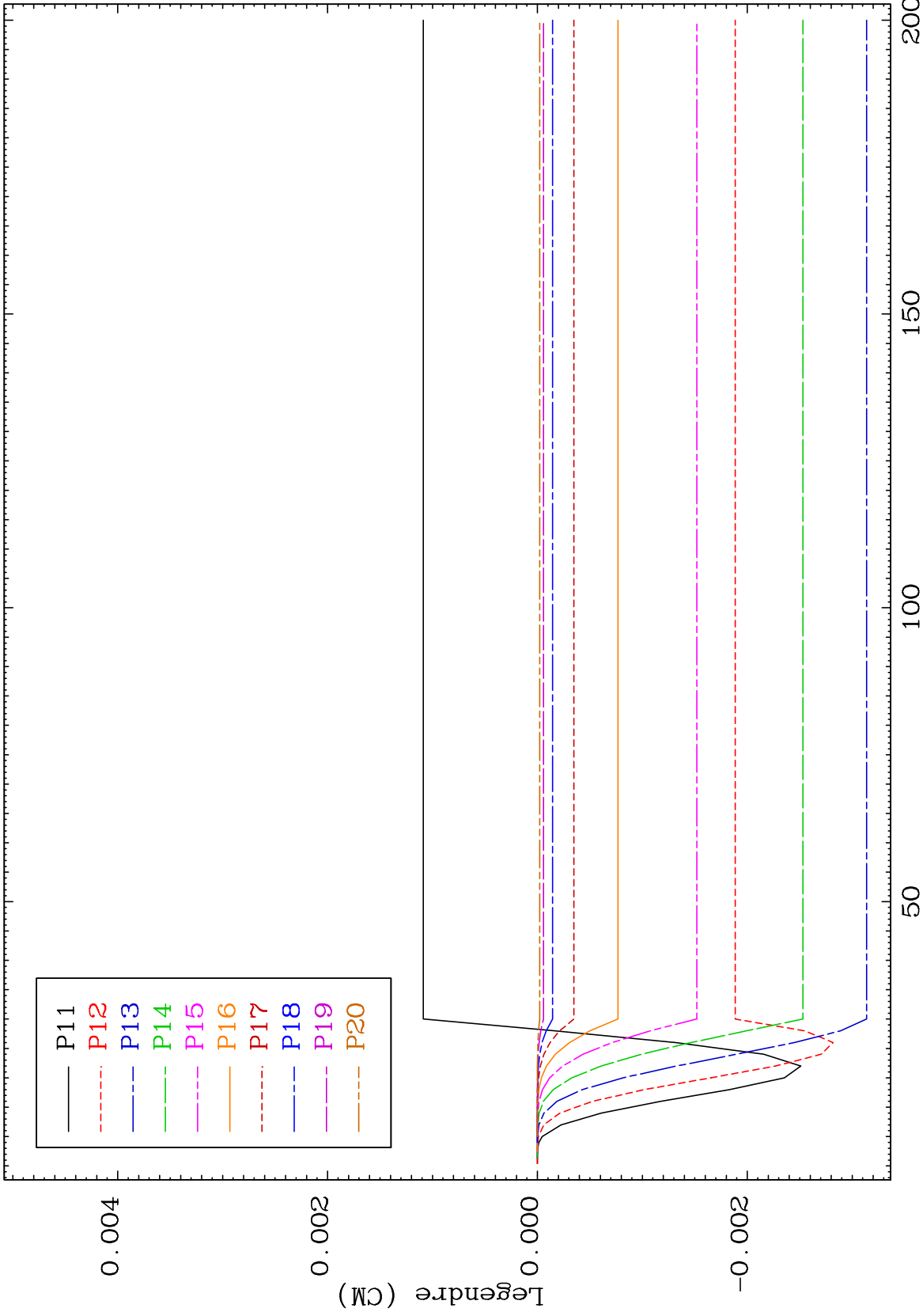
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37

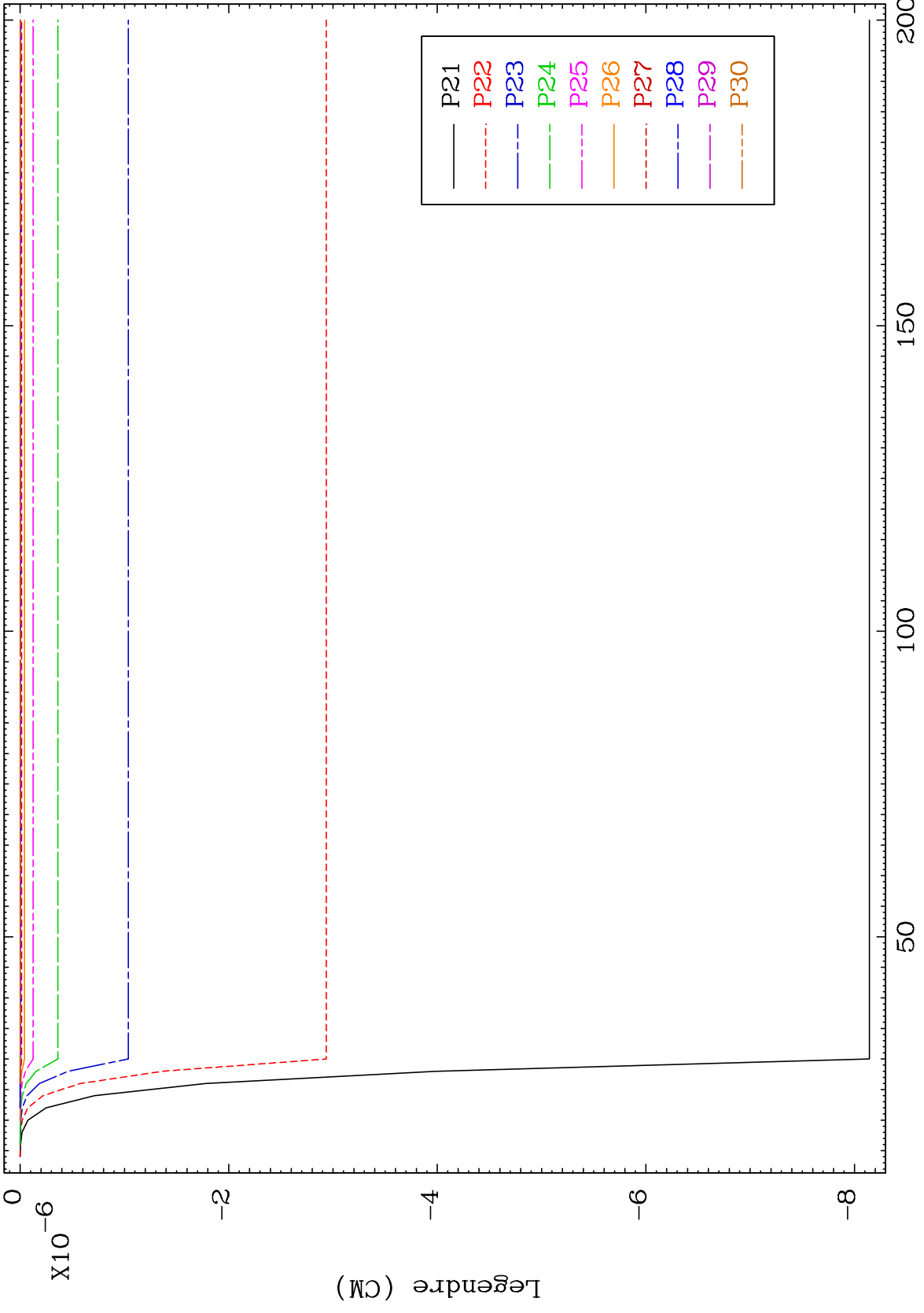


82

Incident Energy (MeV)

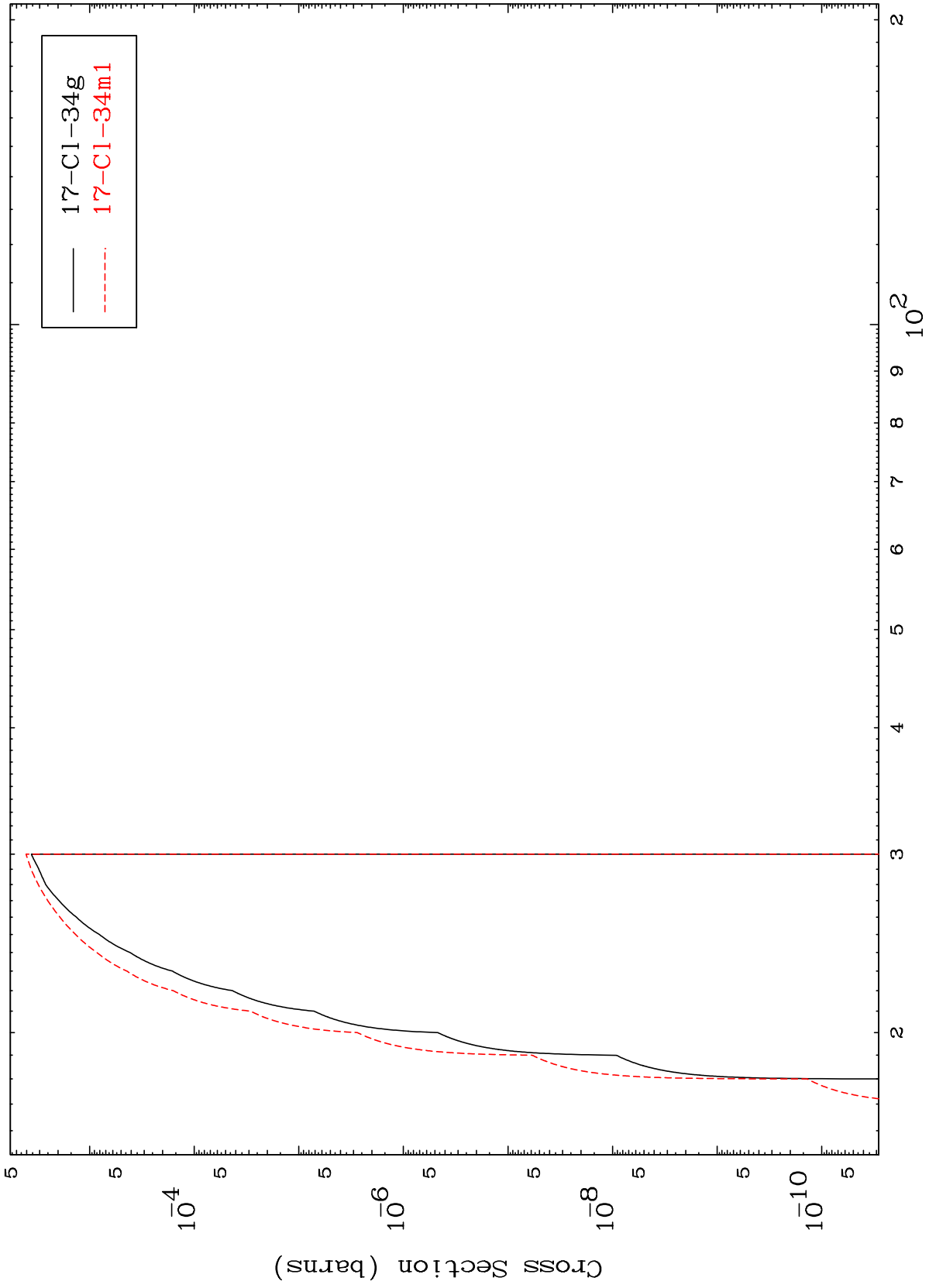
19-K -37

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



83 19-K -37

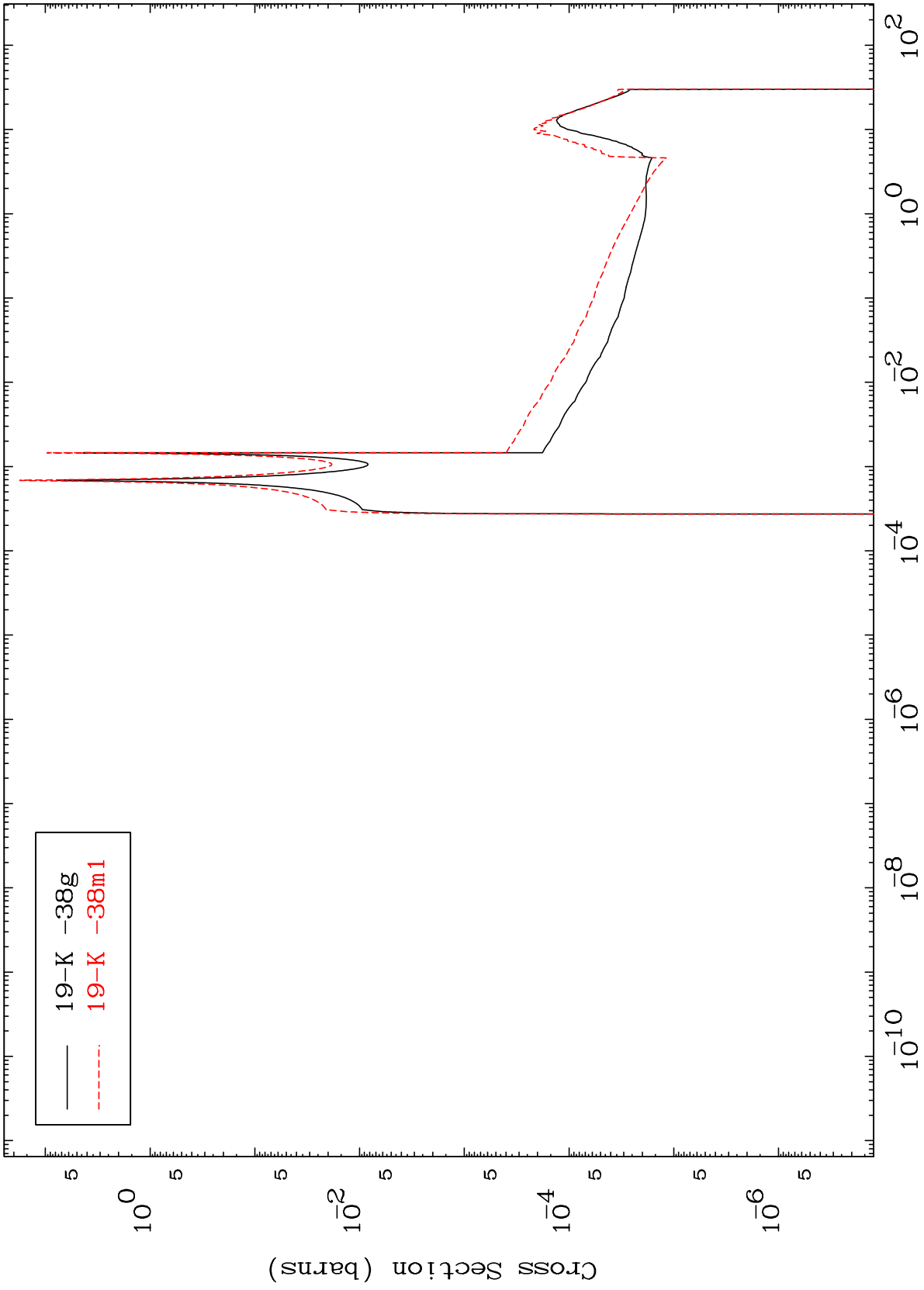
Radionuclide Production Cross Section



MAT 1919

19-K -37

Radionuclide Production Cross Section  
(n,γ)



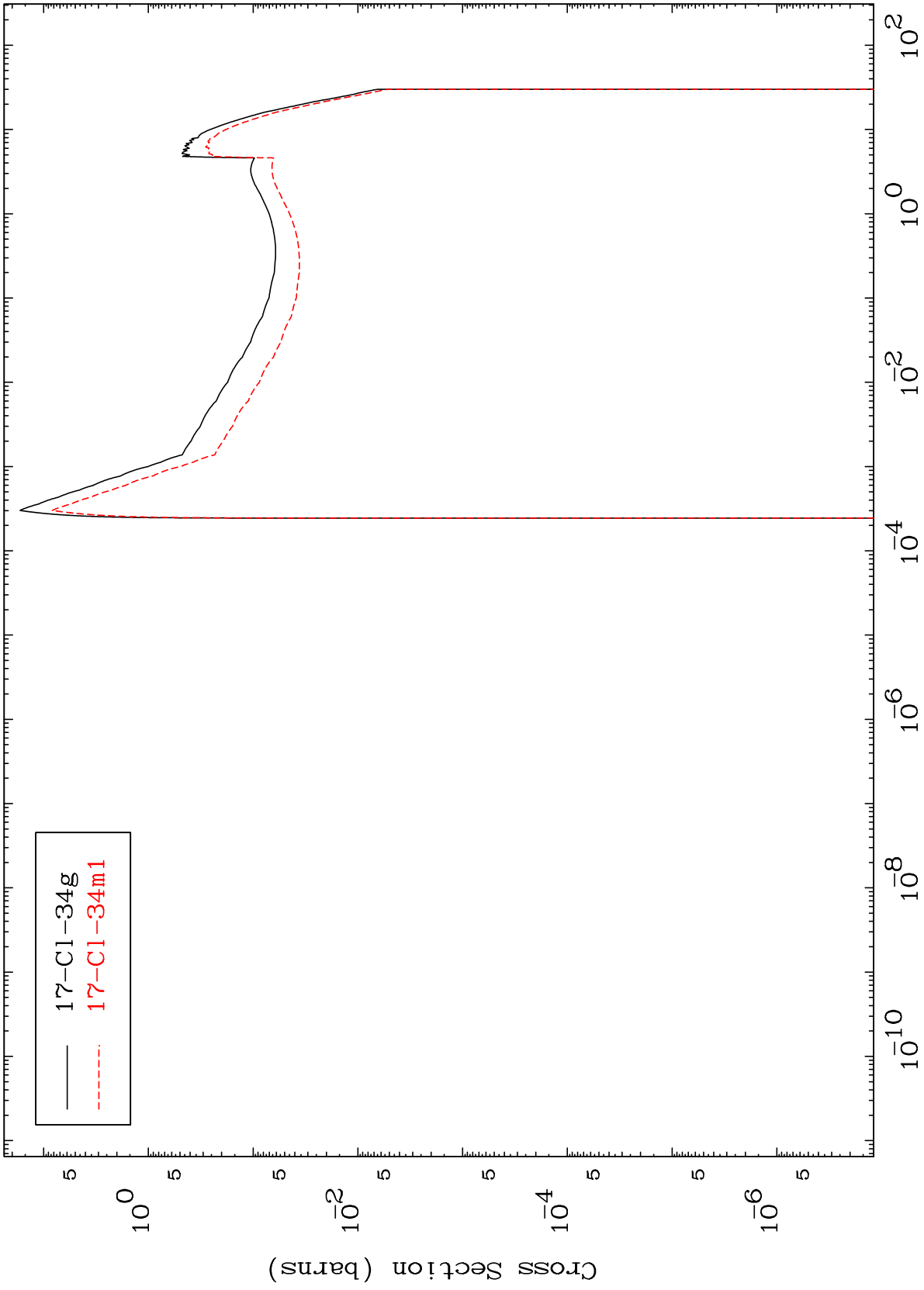
85

19-K -37

MAT 1919

19-K -37

Radionuclide Production Cross Section  
(n,α)



86

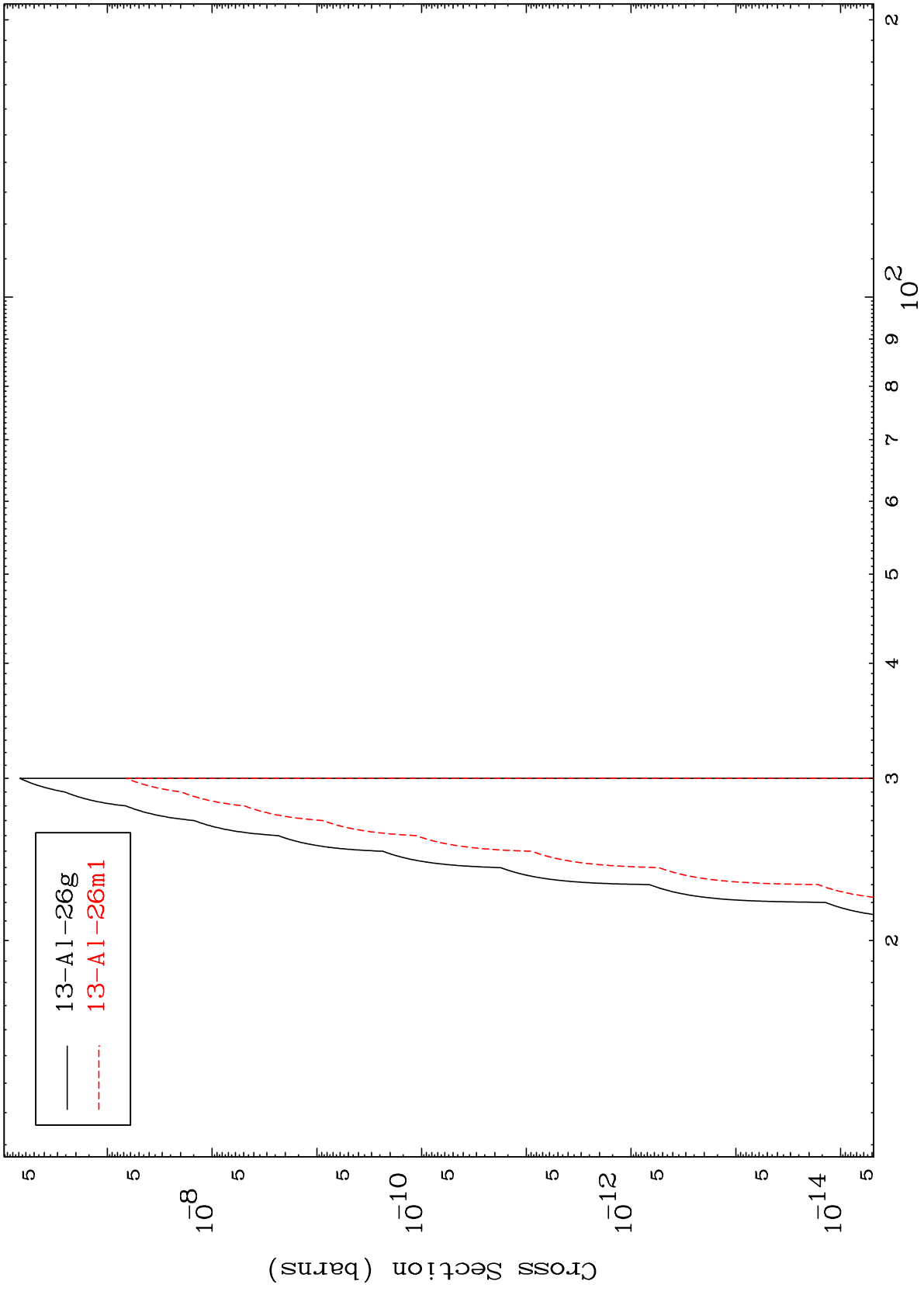
19-K -37

MAT 1919

(n,3α)

19-K -37

Radionuclide Production Cross Section



87

Incident Energy (MeV)

19-K -37



Radionuclide Production Cross Section

