

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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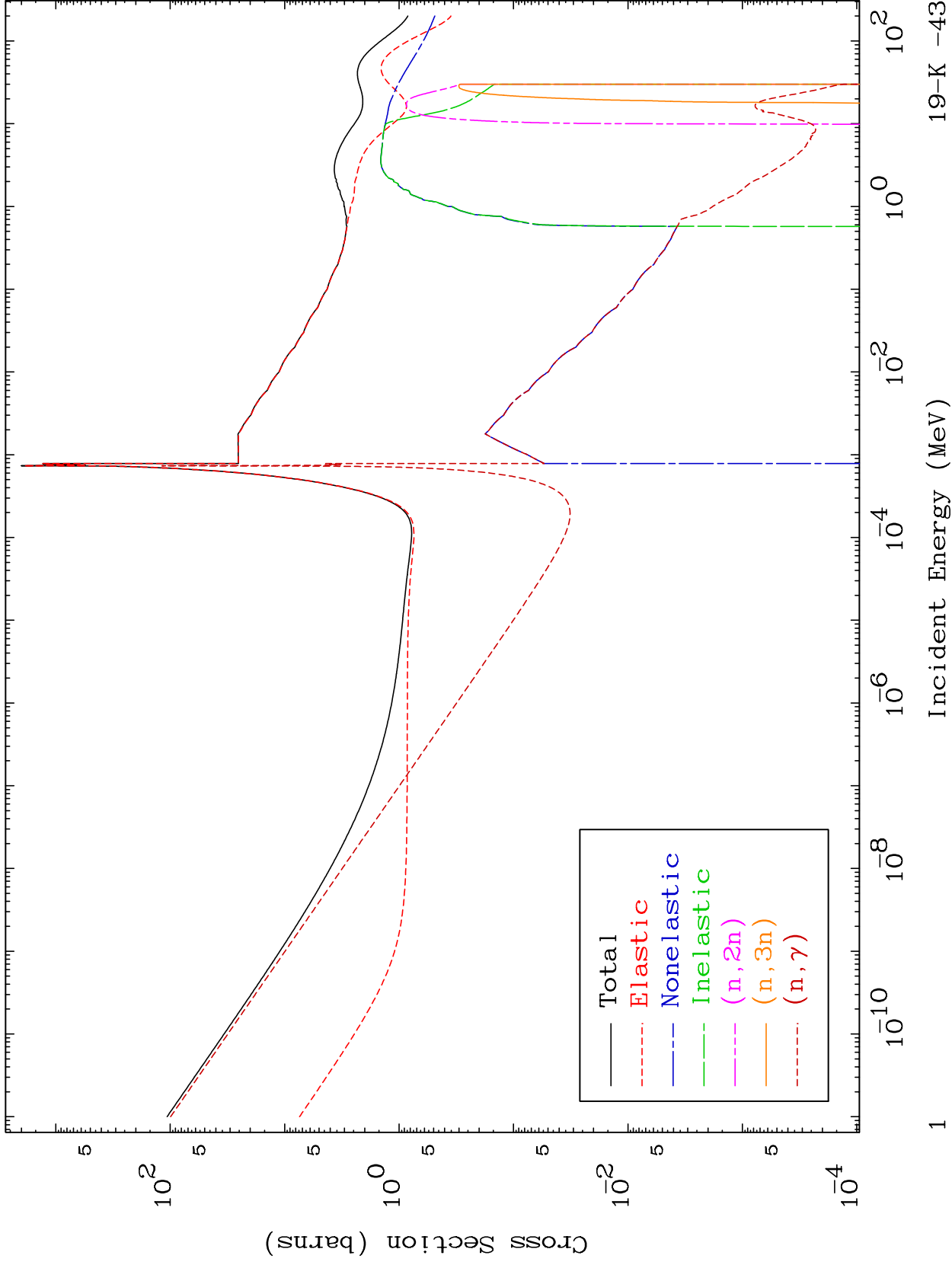
Web:redcullen1.net/HOMEPAGE.NEW

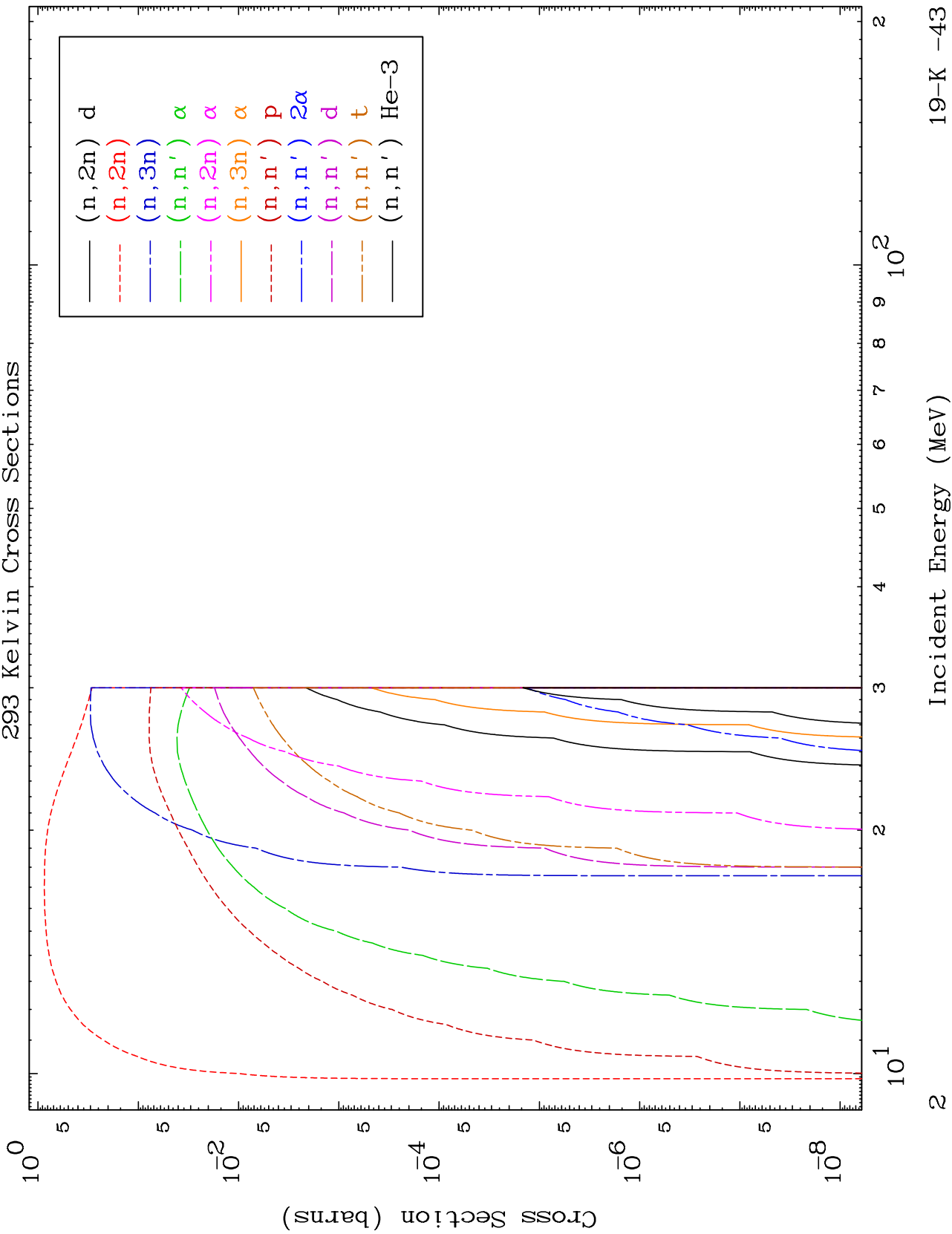
Press Mouse Button to Start

MAT 1937

Neutron Major  
293 Kelvin Cross Sections

19-K -43

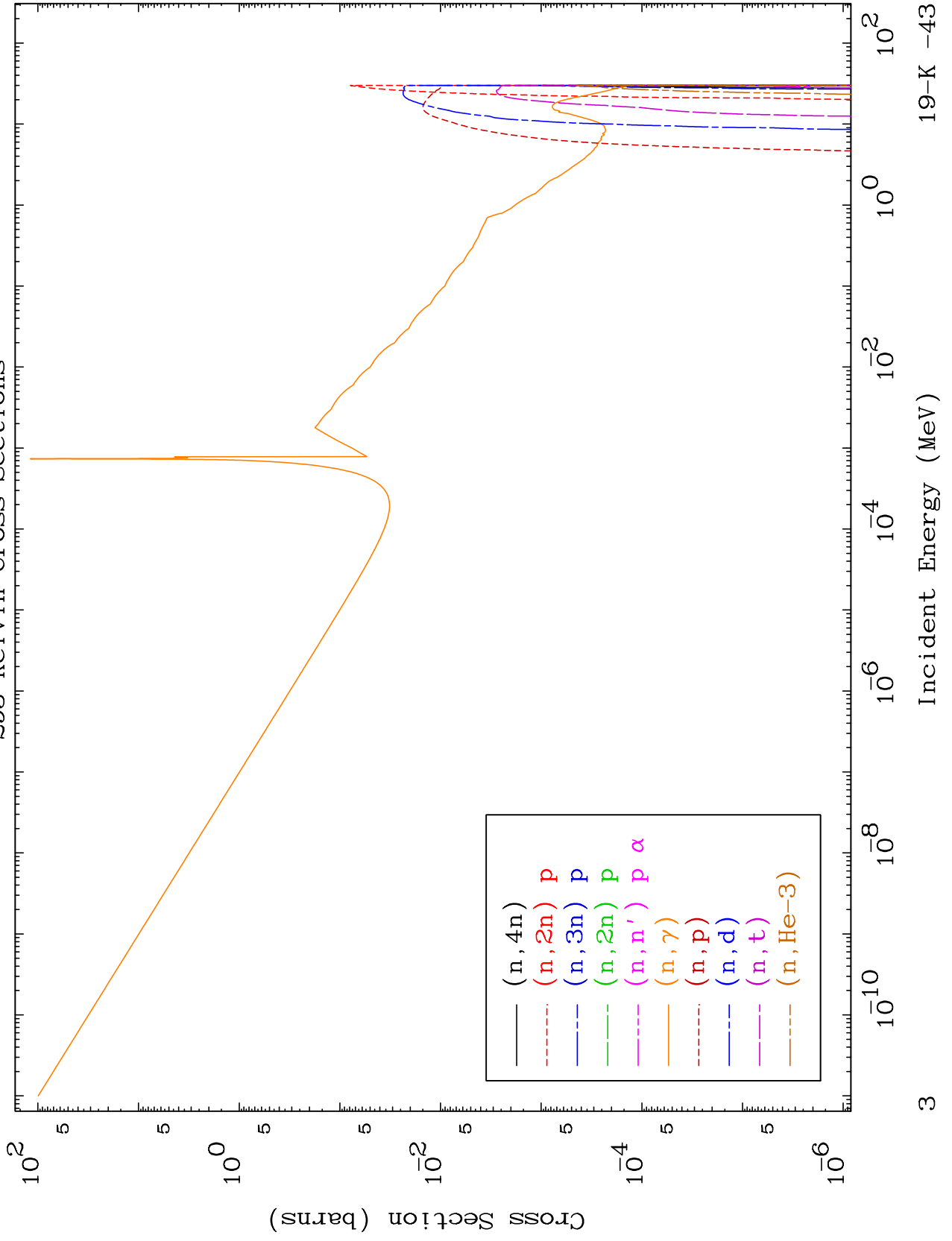


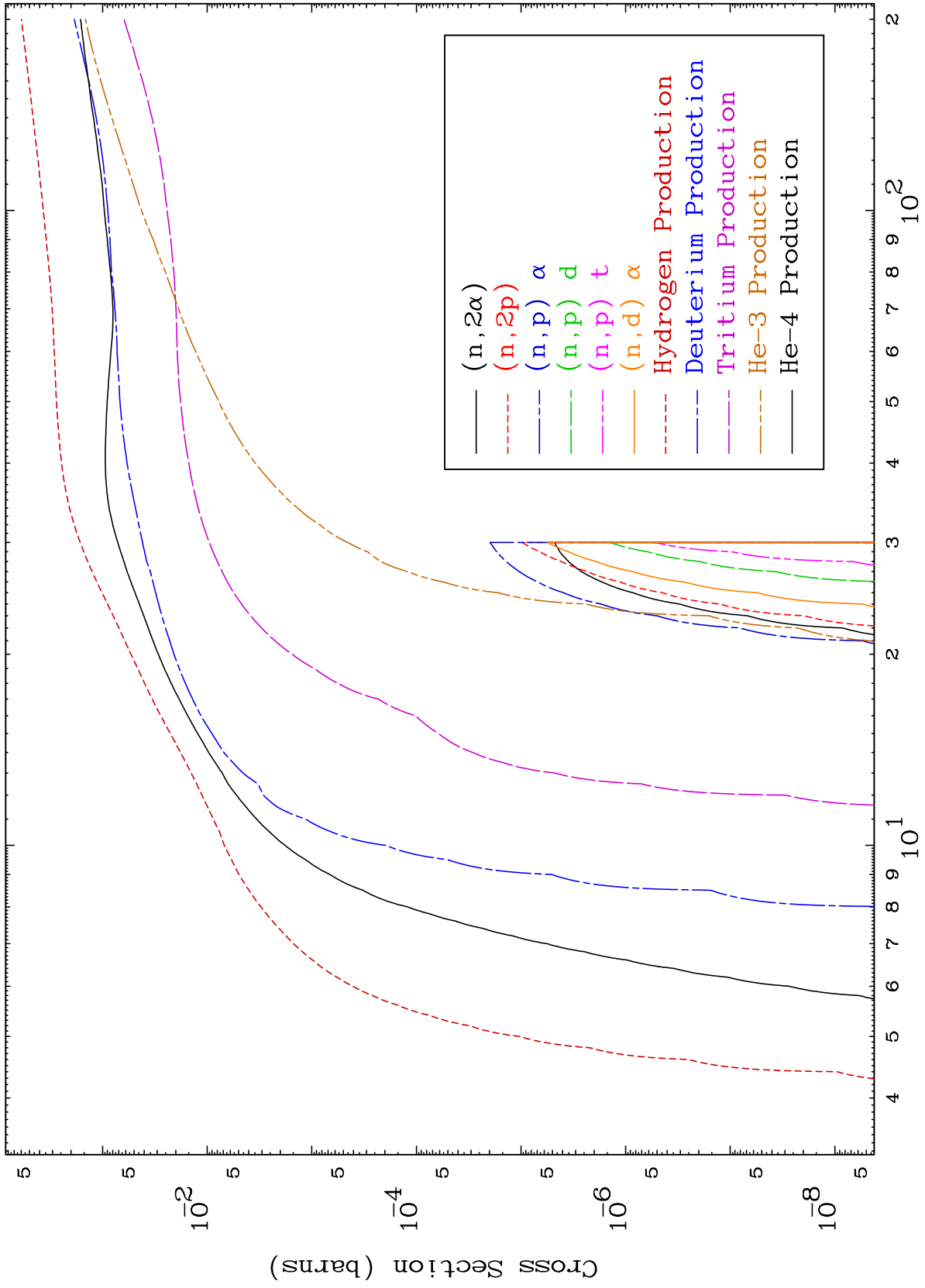


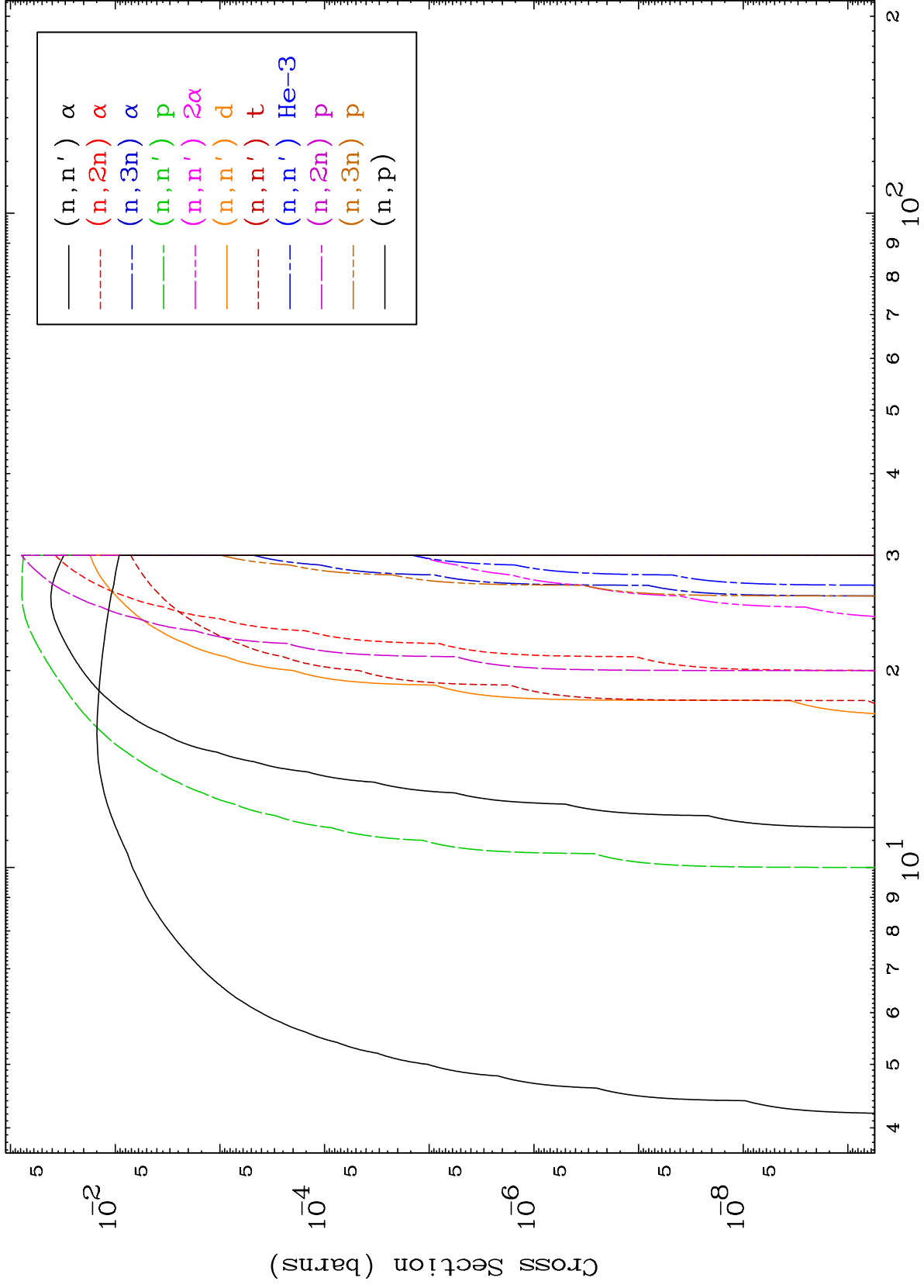
MAT 1937

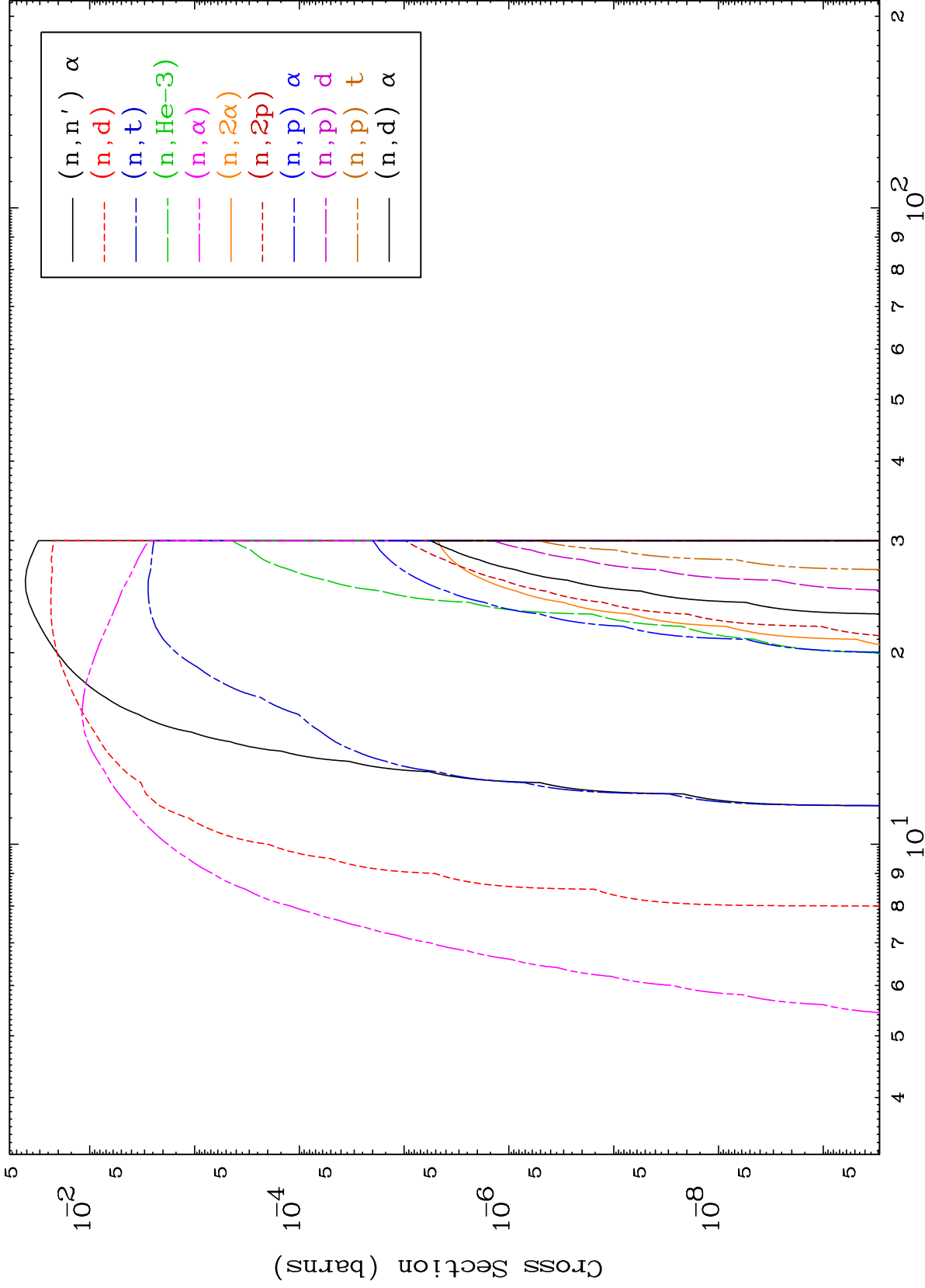
Neutron Absorption  
293 Kelvin Cross Sections

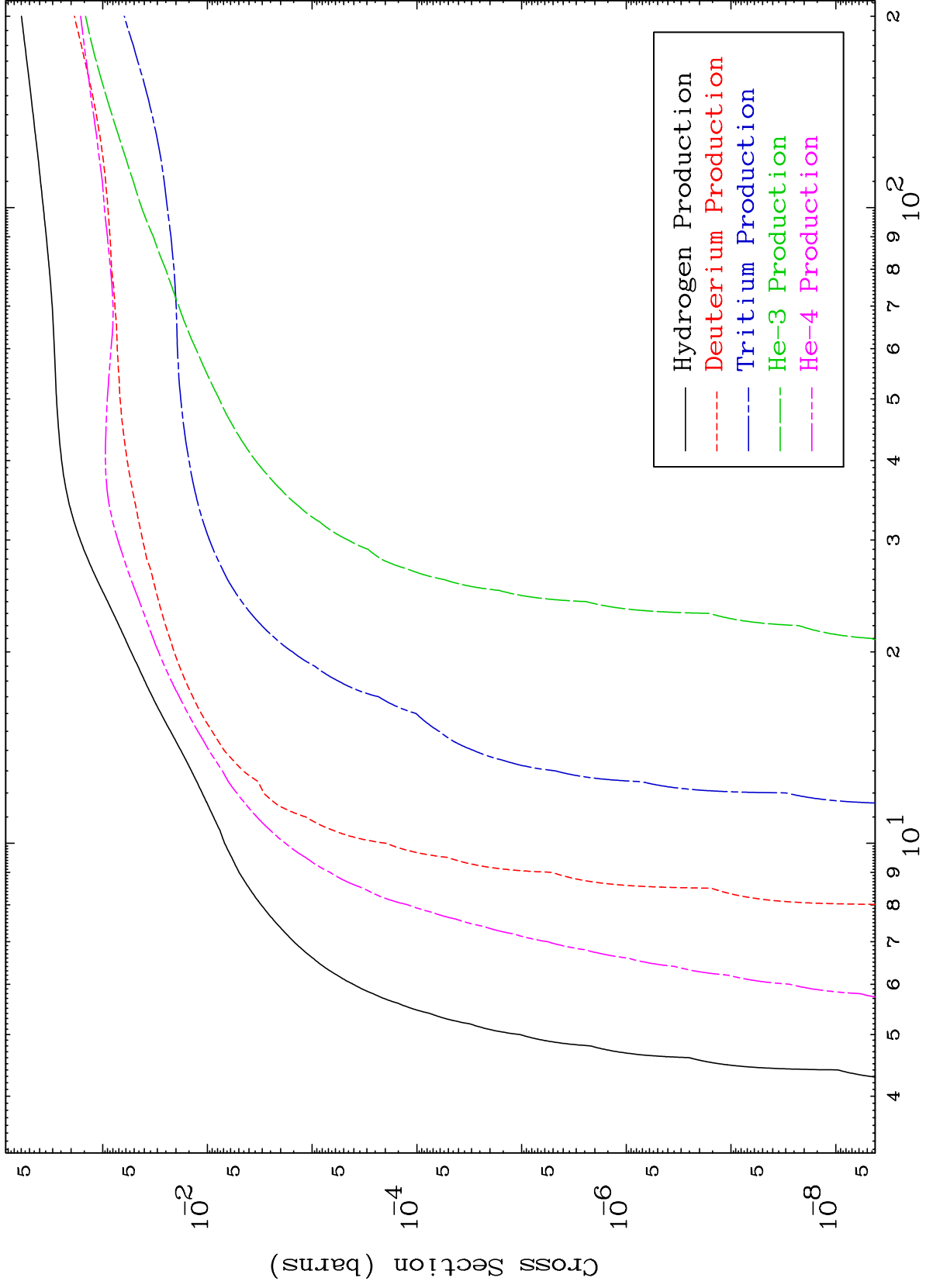
19-K -43



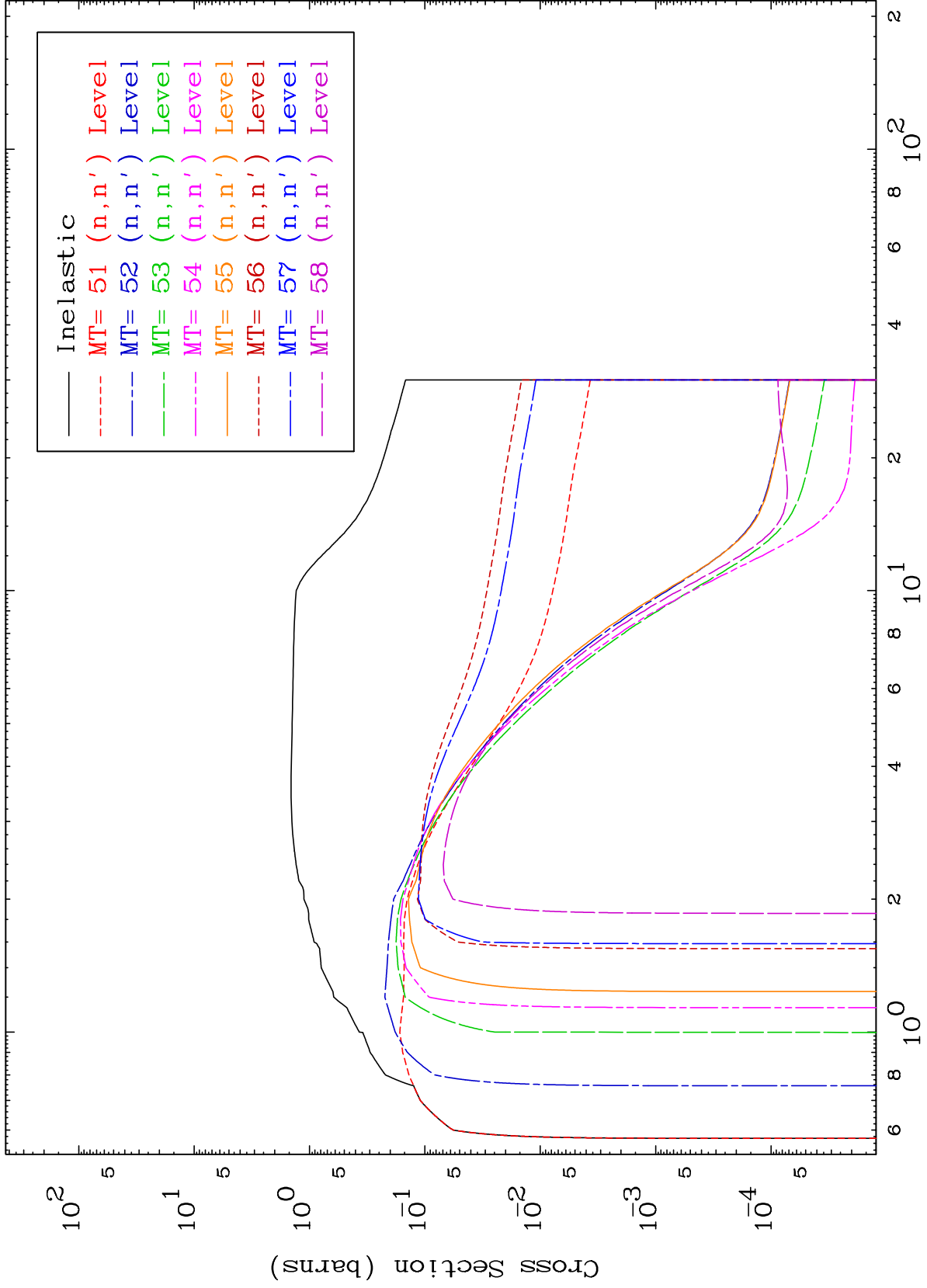


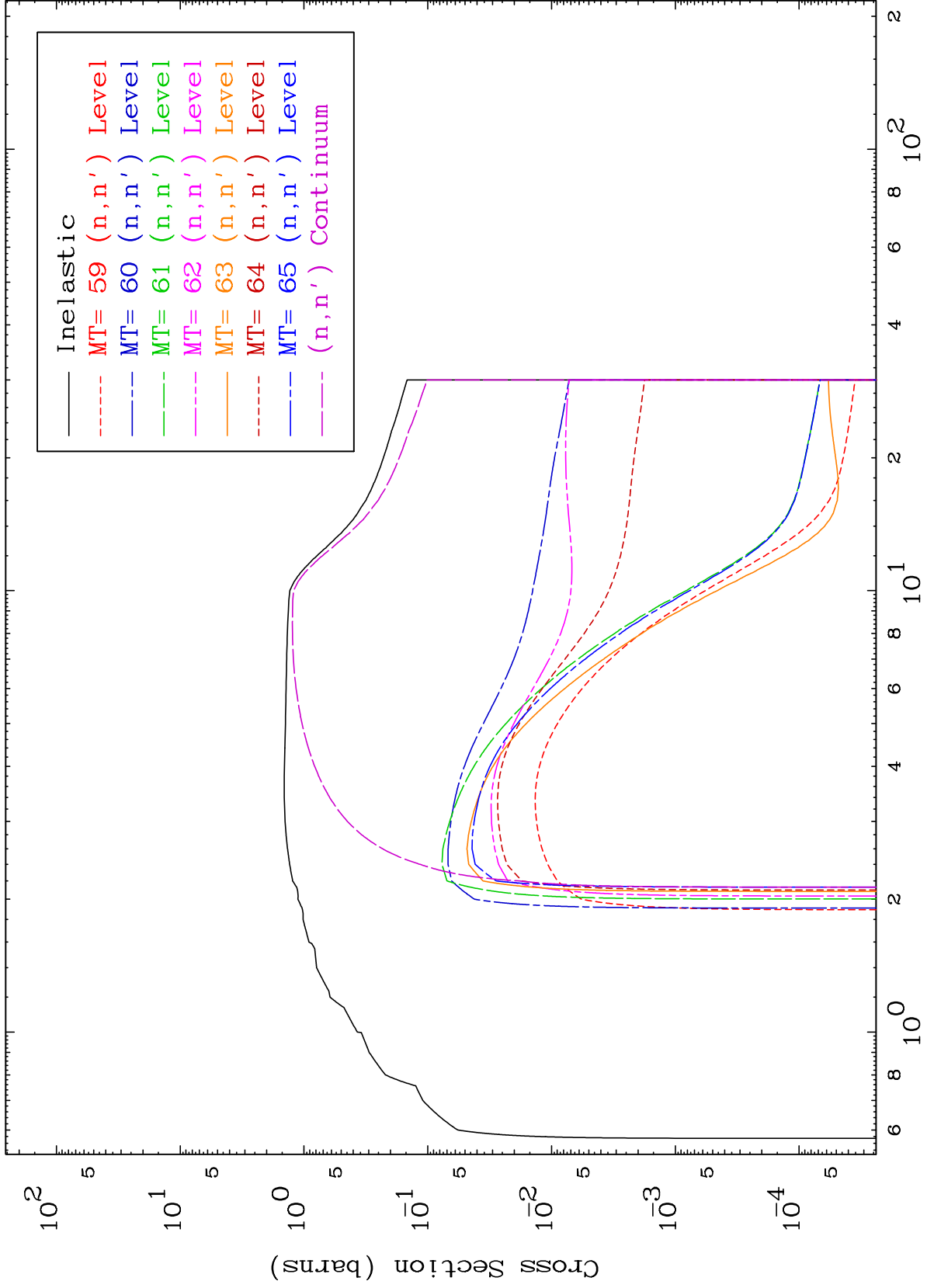








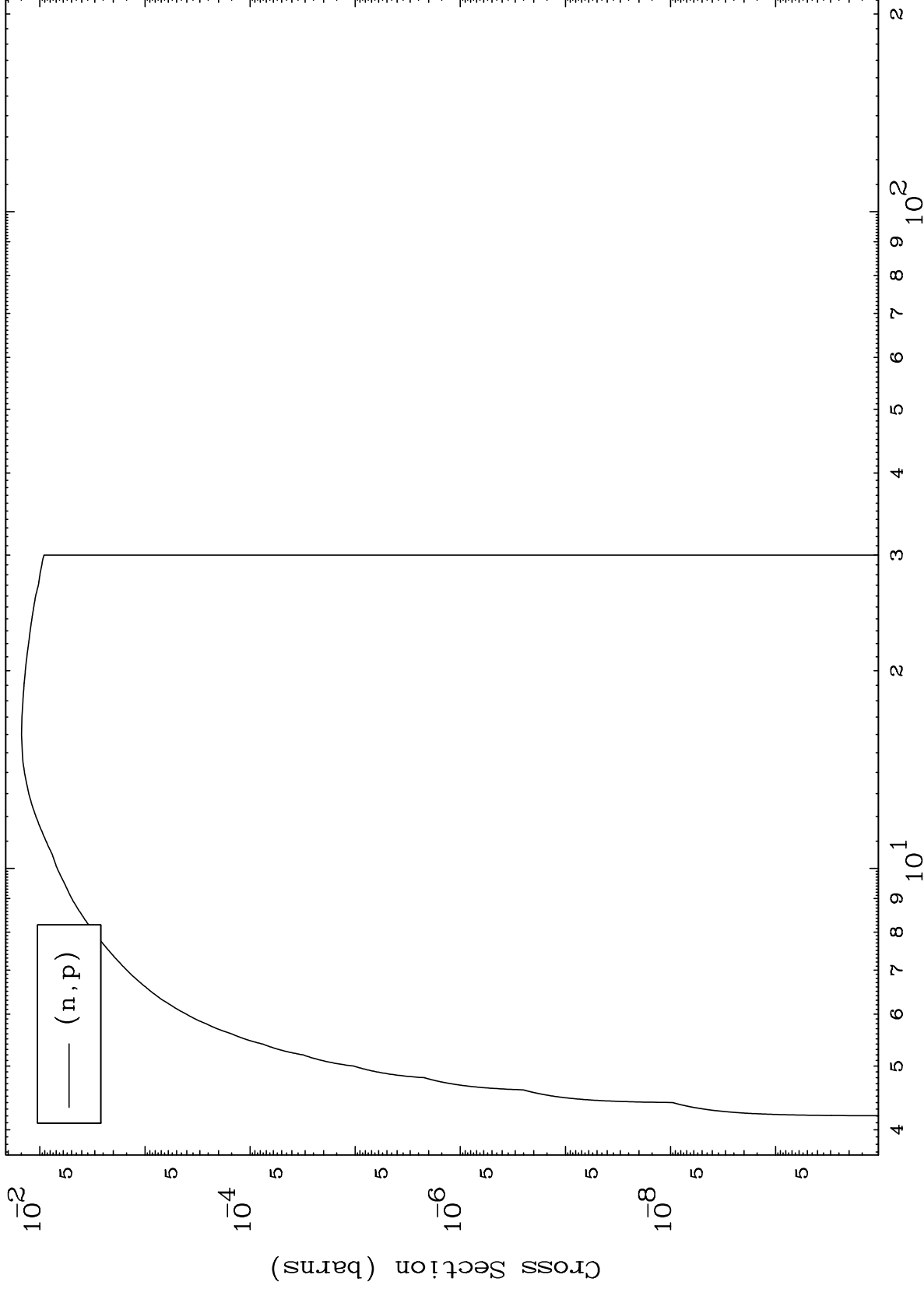




MAT 1937

(n,p) Levels  
293 Kelvin Cross Sections

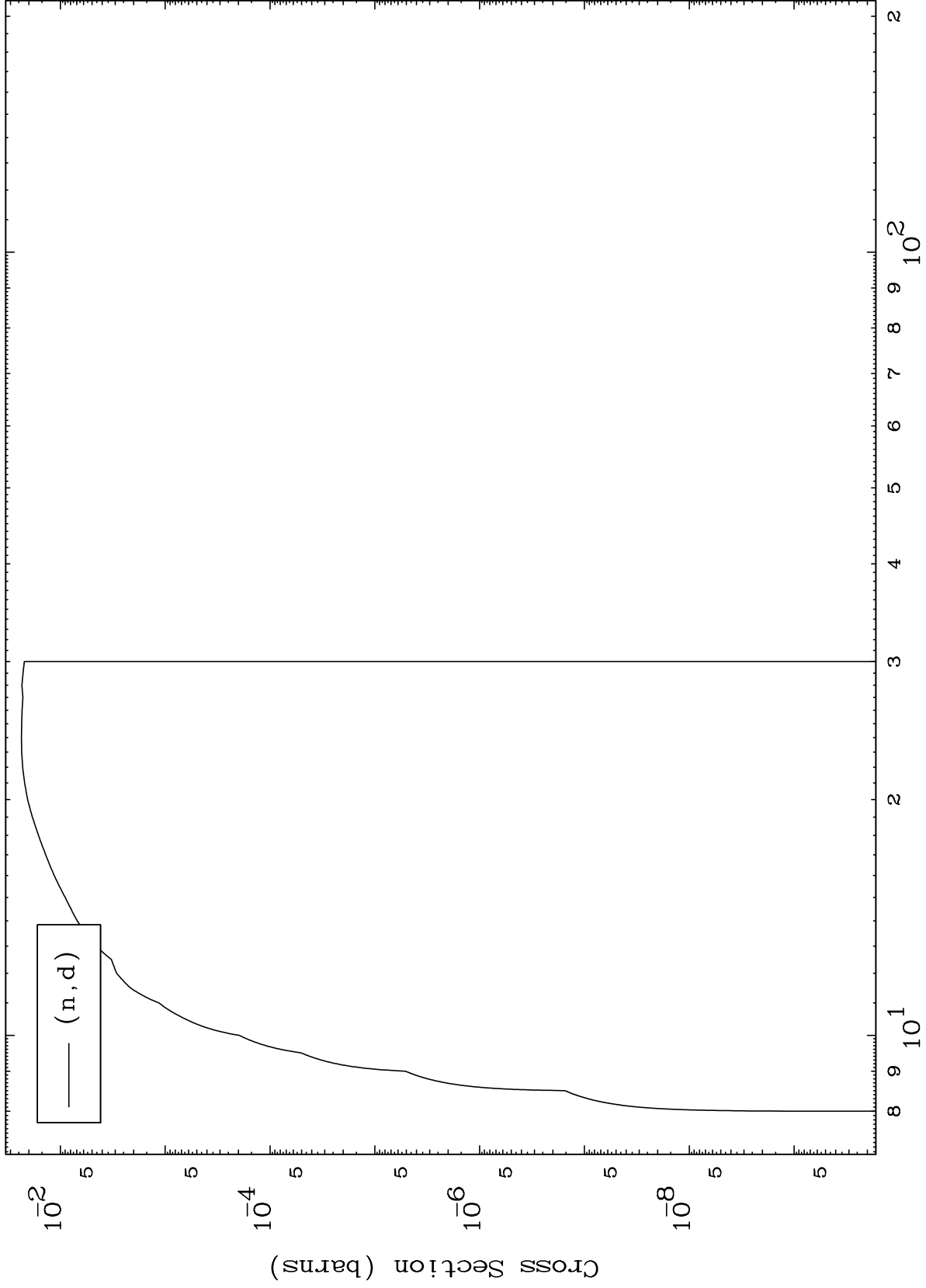
19-K -43



Incident Energy (MeV)

19-K -43

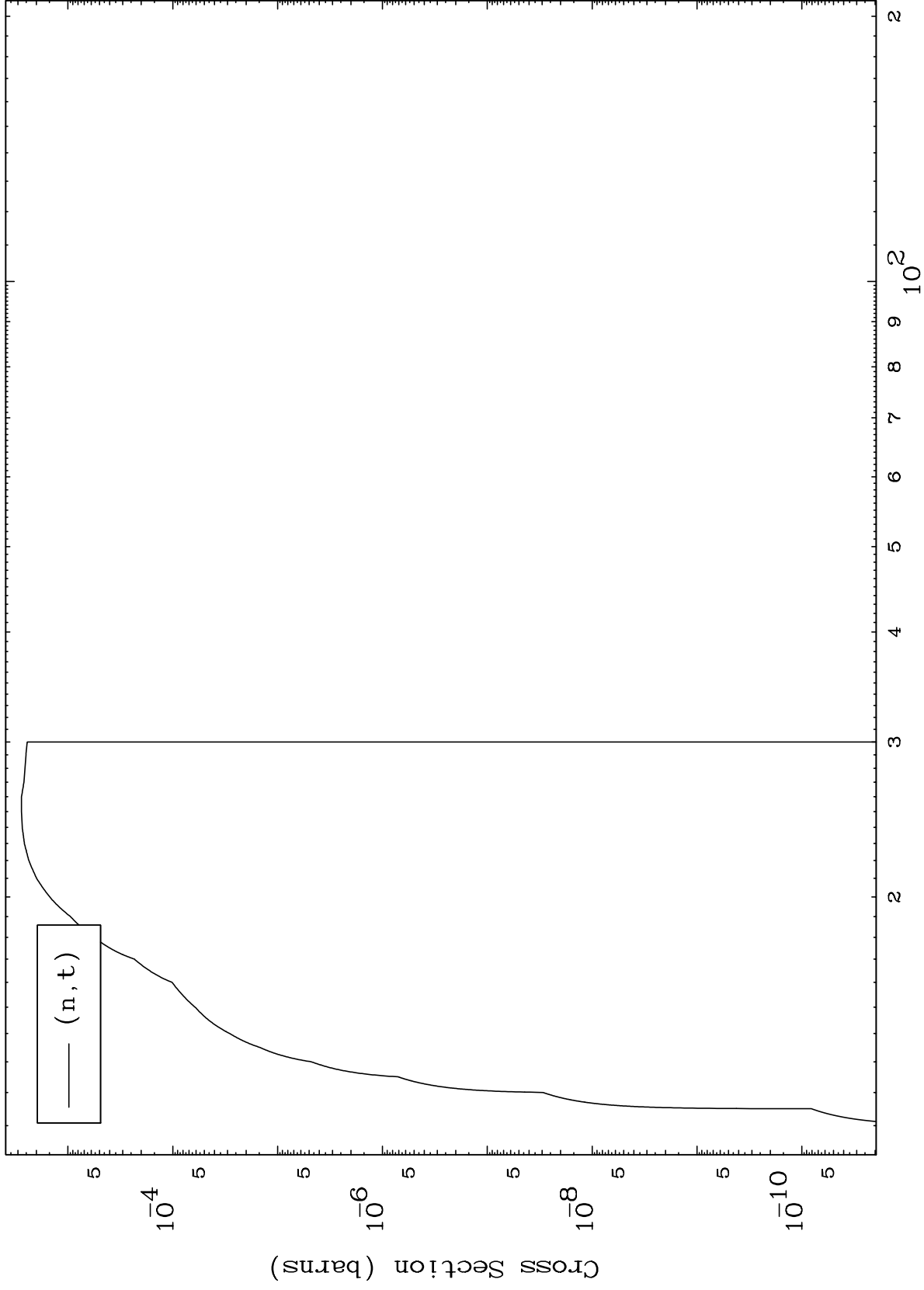
10



MAT 1937

(n,t) Levels  
293 Kelvin Cross Sections

19-K -43



12

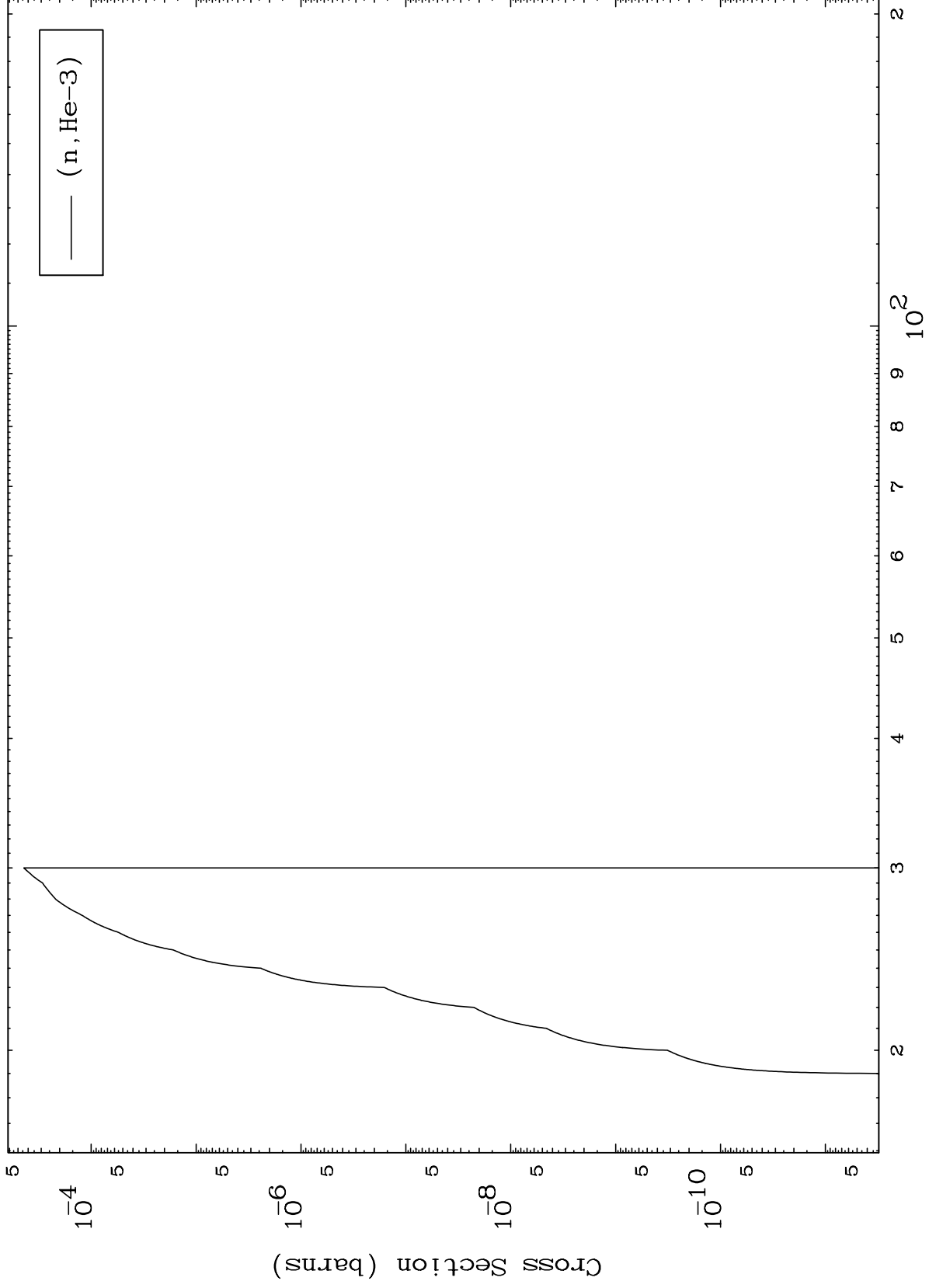
Incident Energy (MeV)

19-K -43

MAT 1937

(n,He3) Levels  
293 Kelvin Cross Sections

19-K -43



13

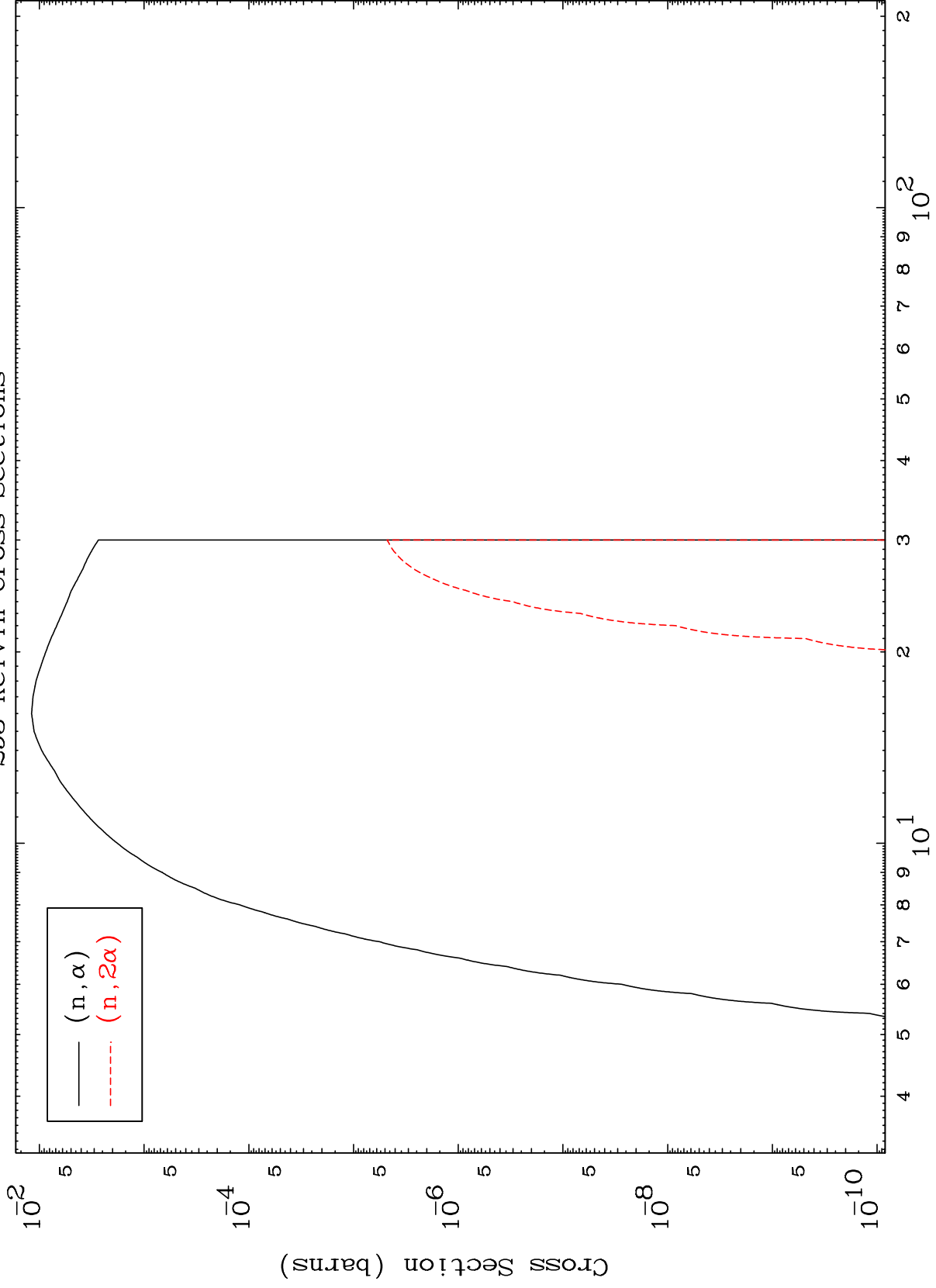
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



14

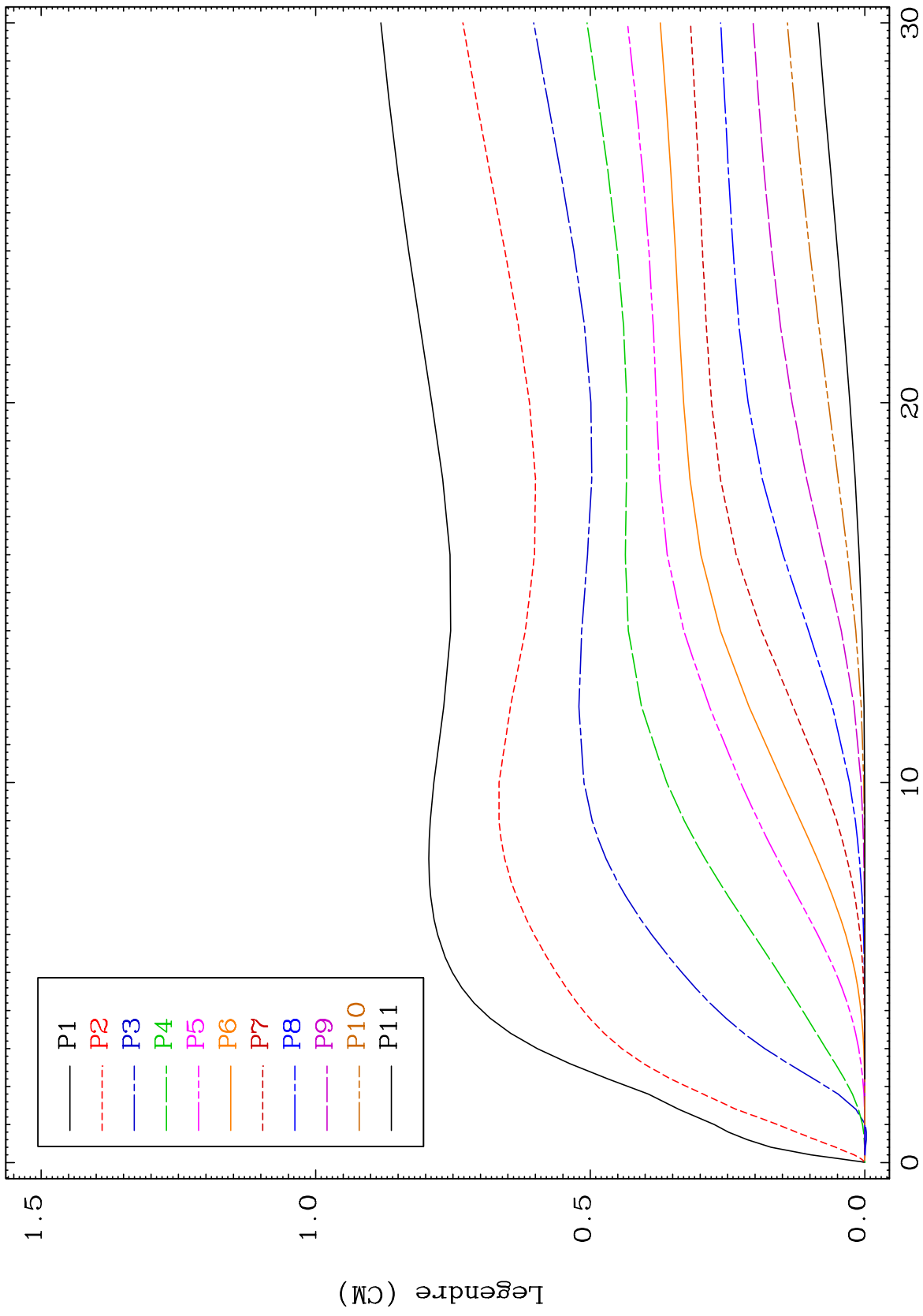
Incident Energy (MeV)

19-K -43

MAT 1937

Elastic Legendre Coefficients

19-K -43



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Incident Energy (MeV)

19-K -43

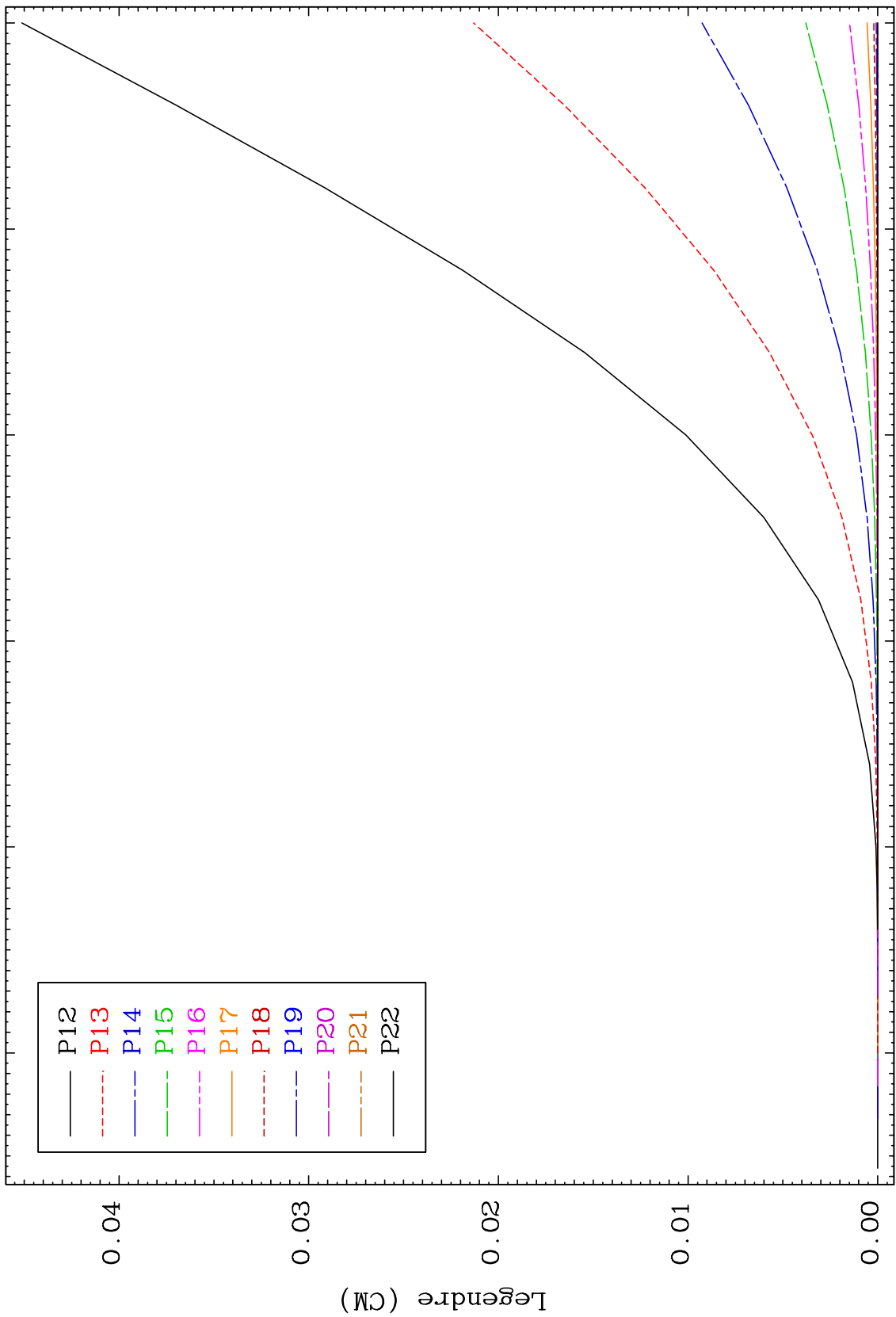
30



MAT 1937

Elastic Legendre Coefficients

19-K -43



16

Incident Energy (MeV)

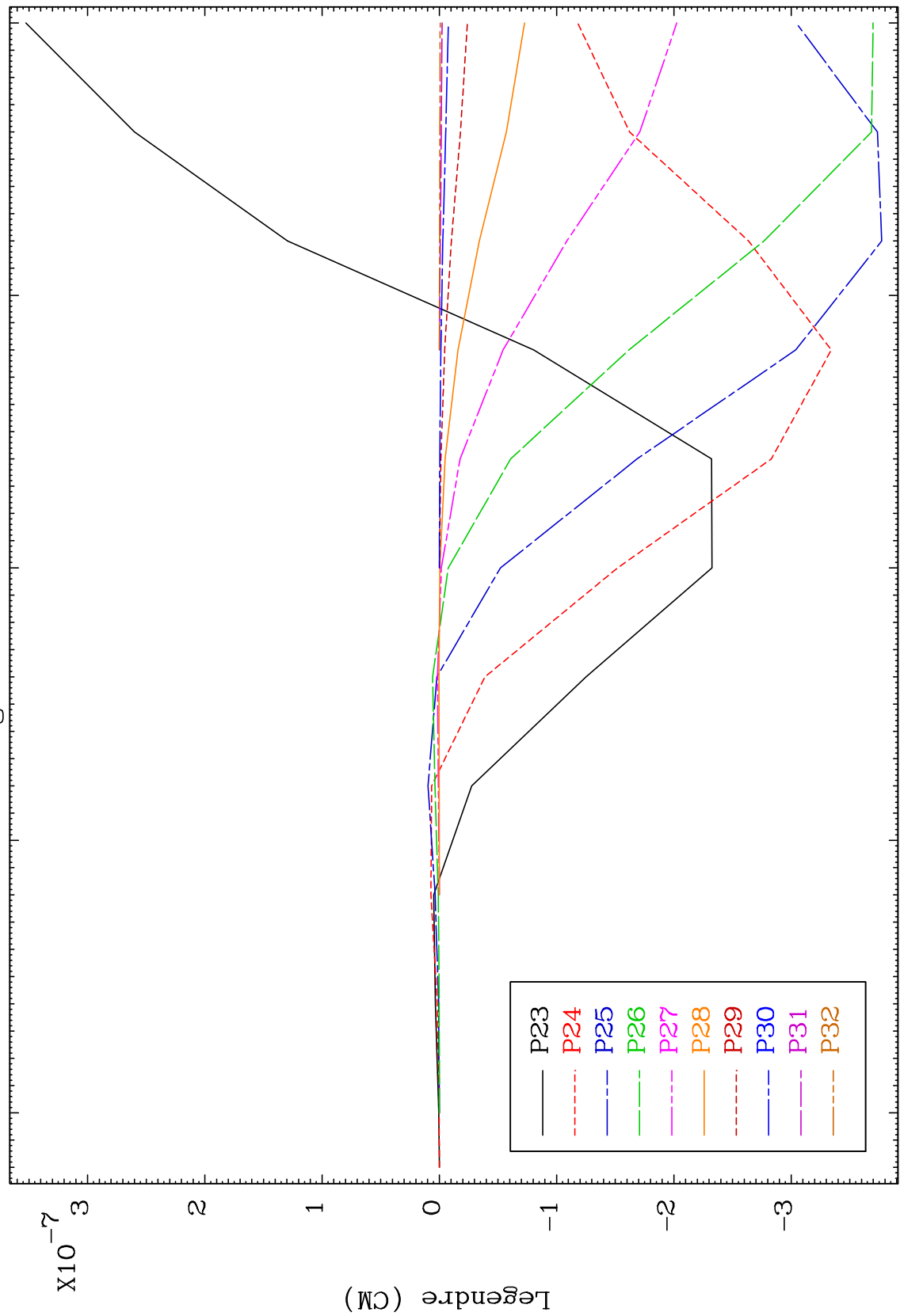
19-K -43

MAT 1937

Elastic Legendre Coefficients

19-K -43

$\times 10^{-7}$



17

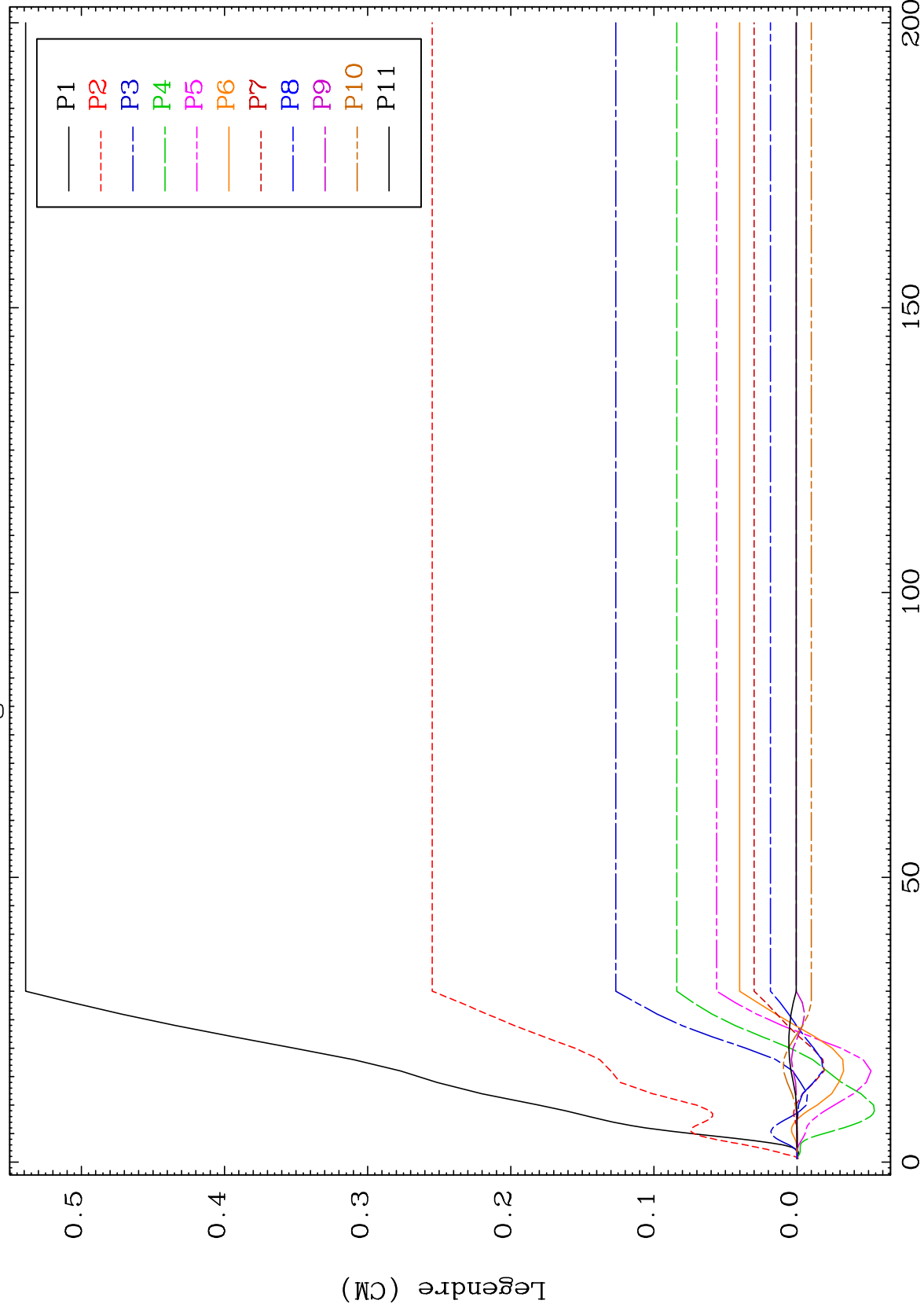
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



18

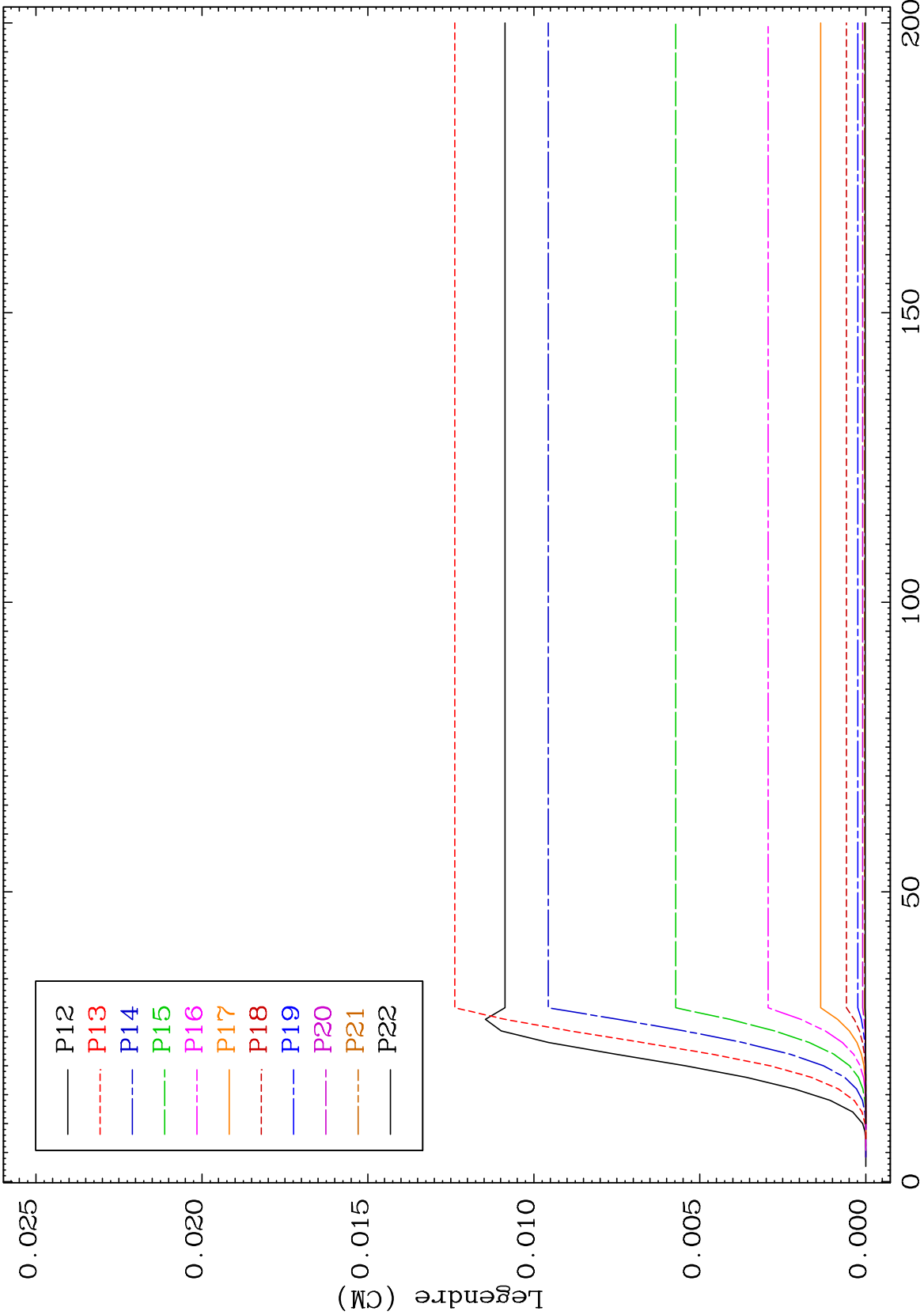
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



19

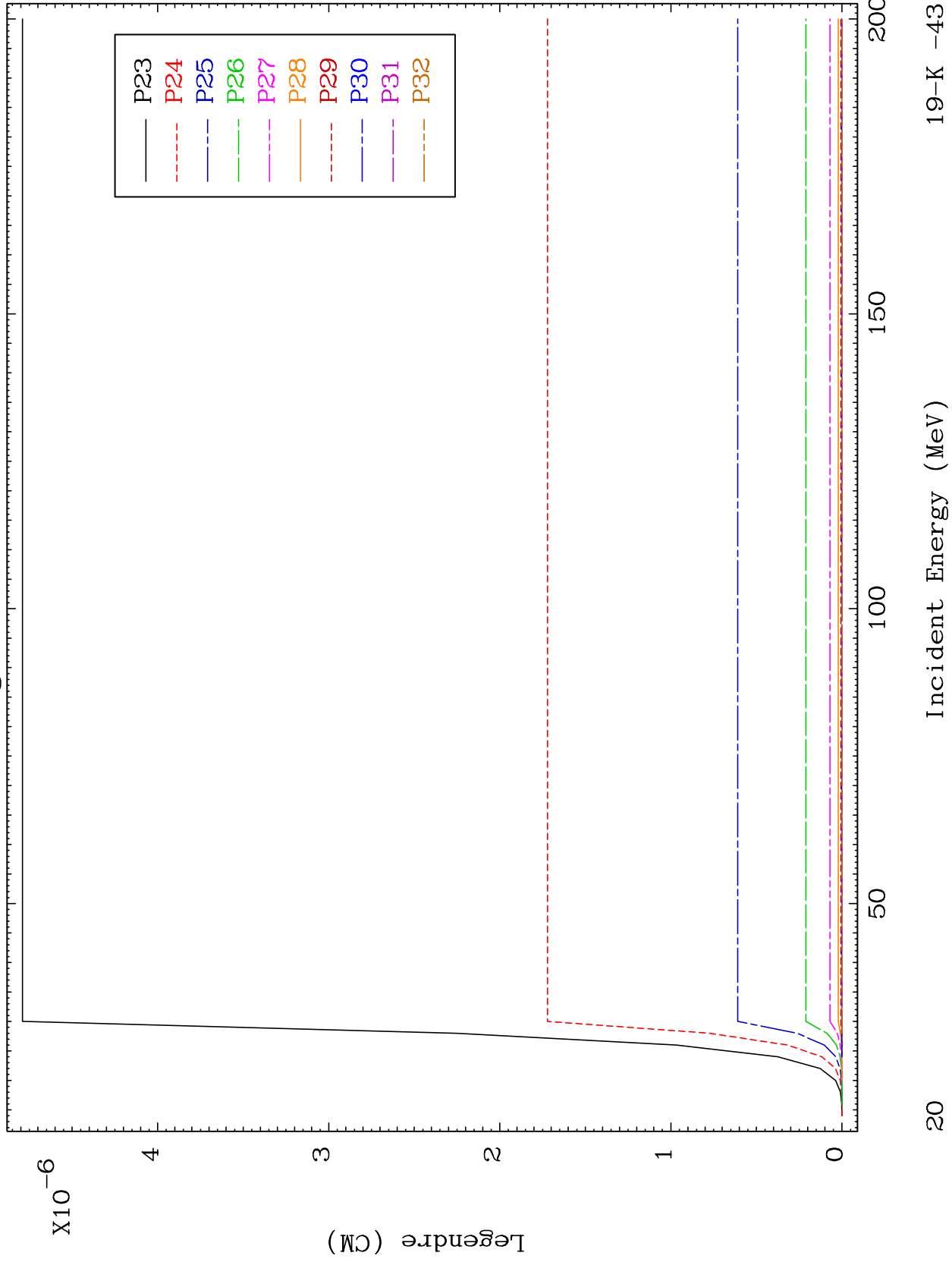
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



20

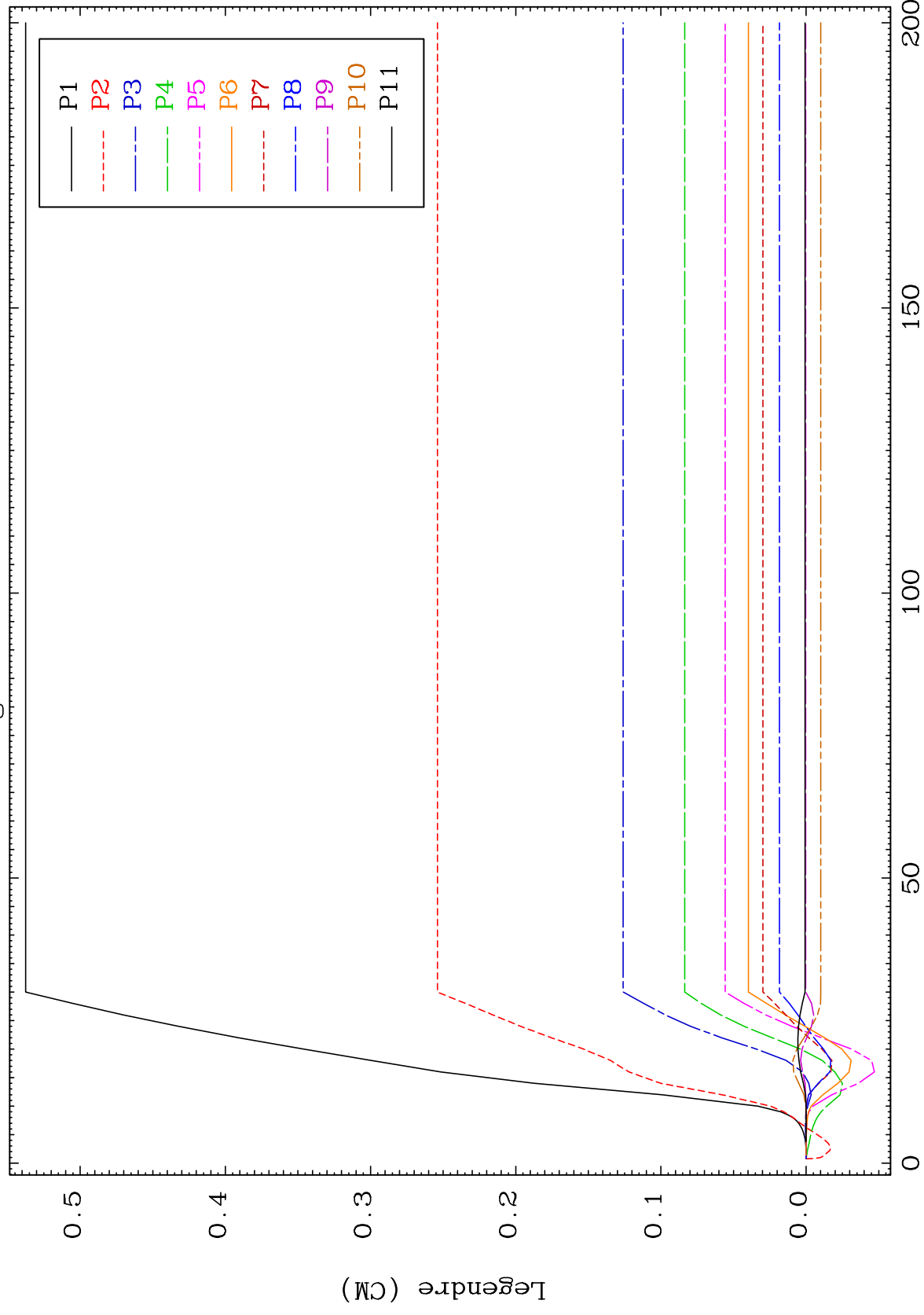
Incident Energy (MeV)

19-K -43

MAT 1937

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

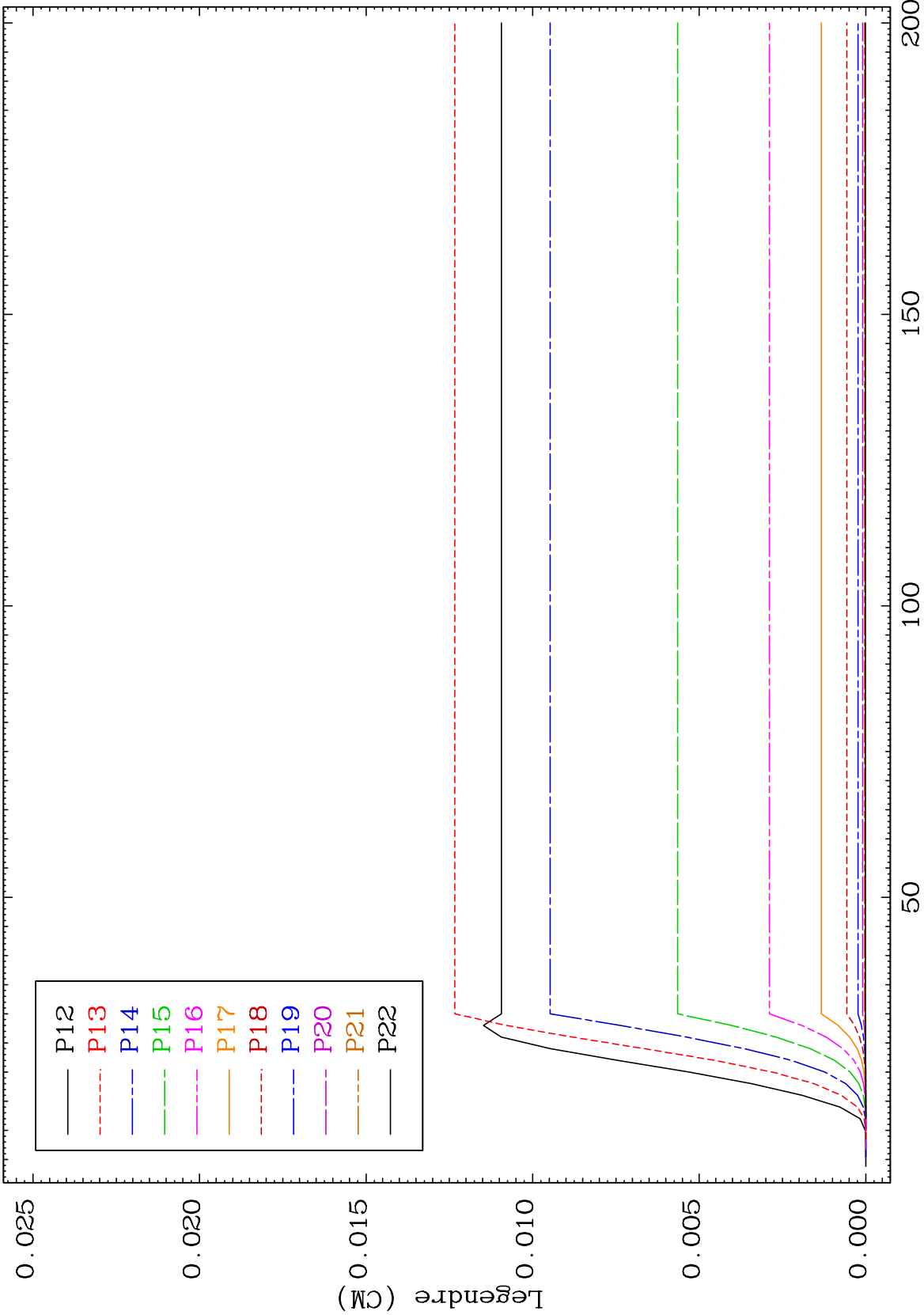
19-K -43



21

Incident Energy (MeV)

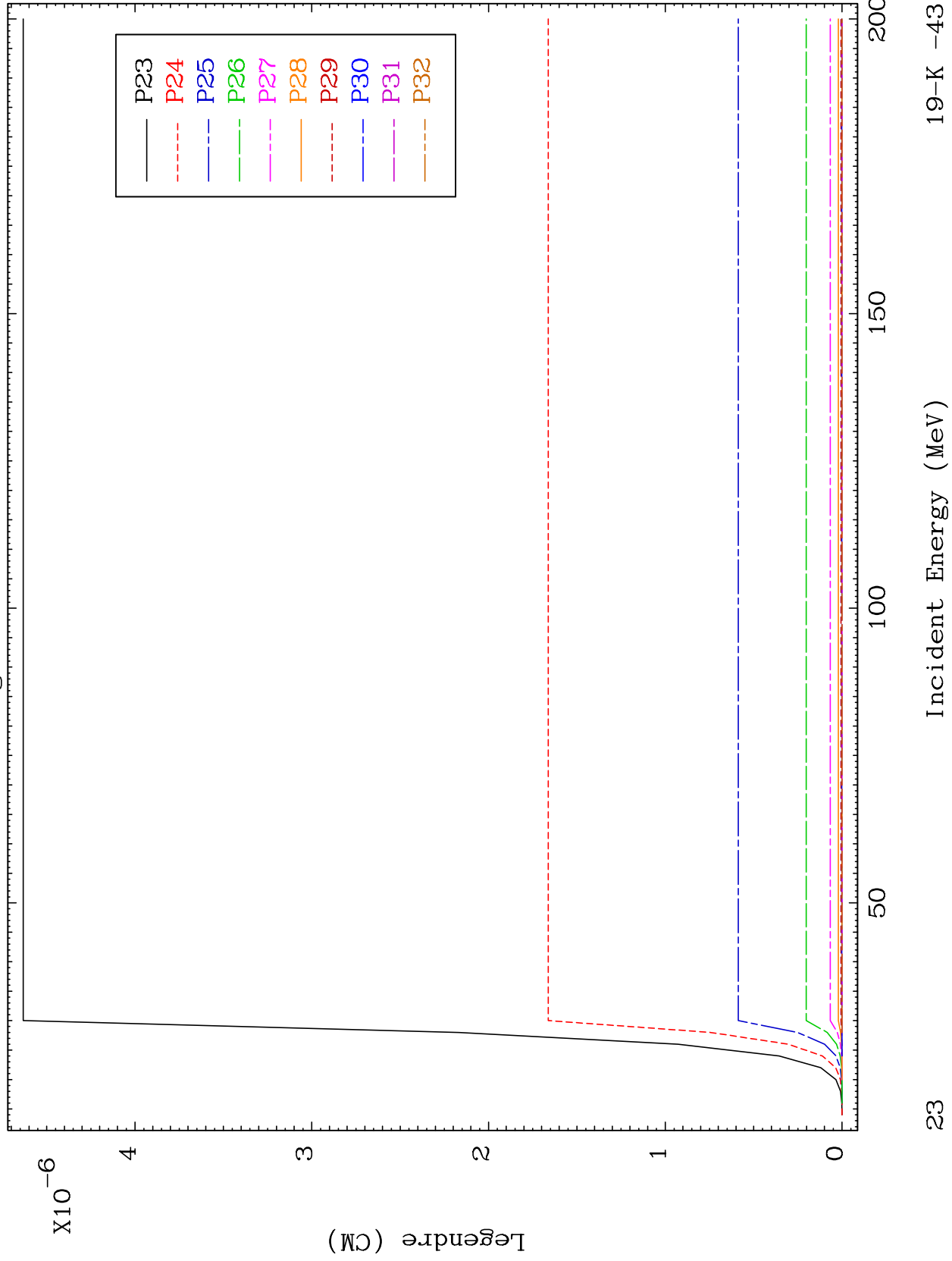
19-K -43



MAT 1937

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

19-K -43

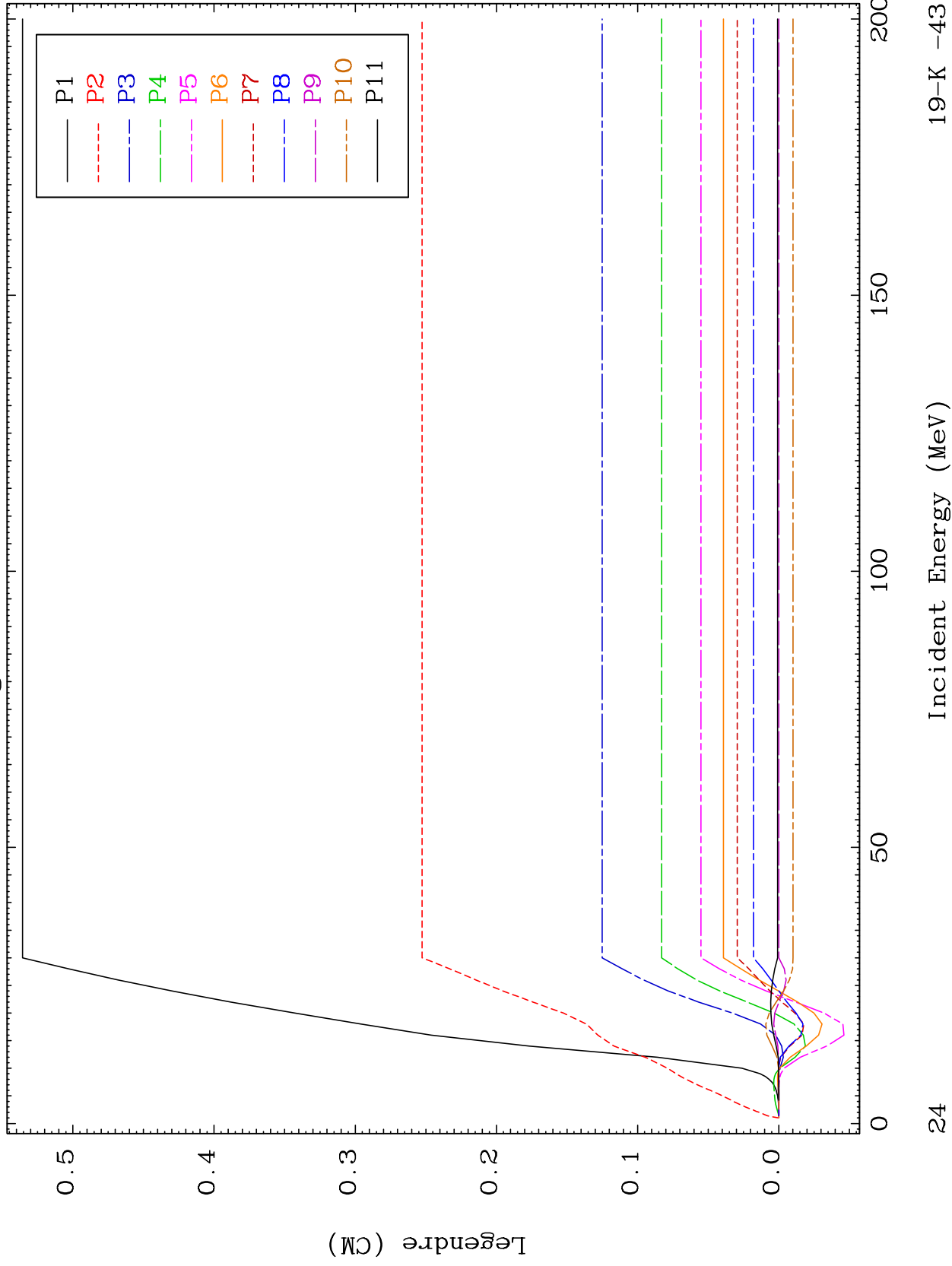




MAT 1937

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

19-K -43



24

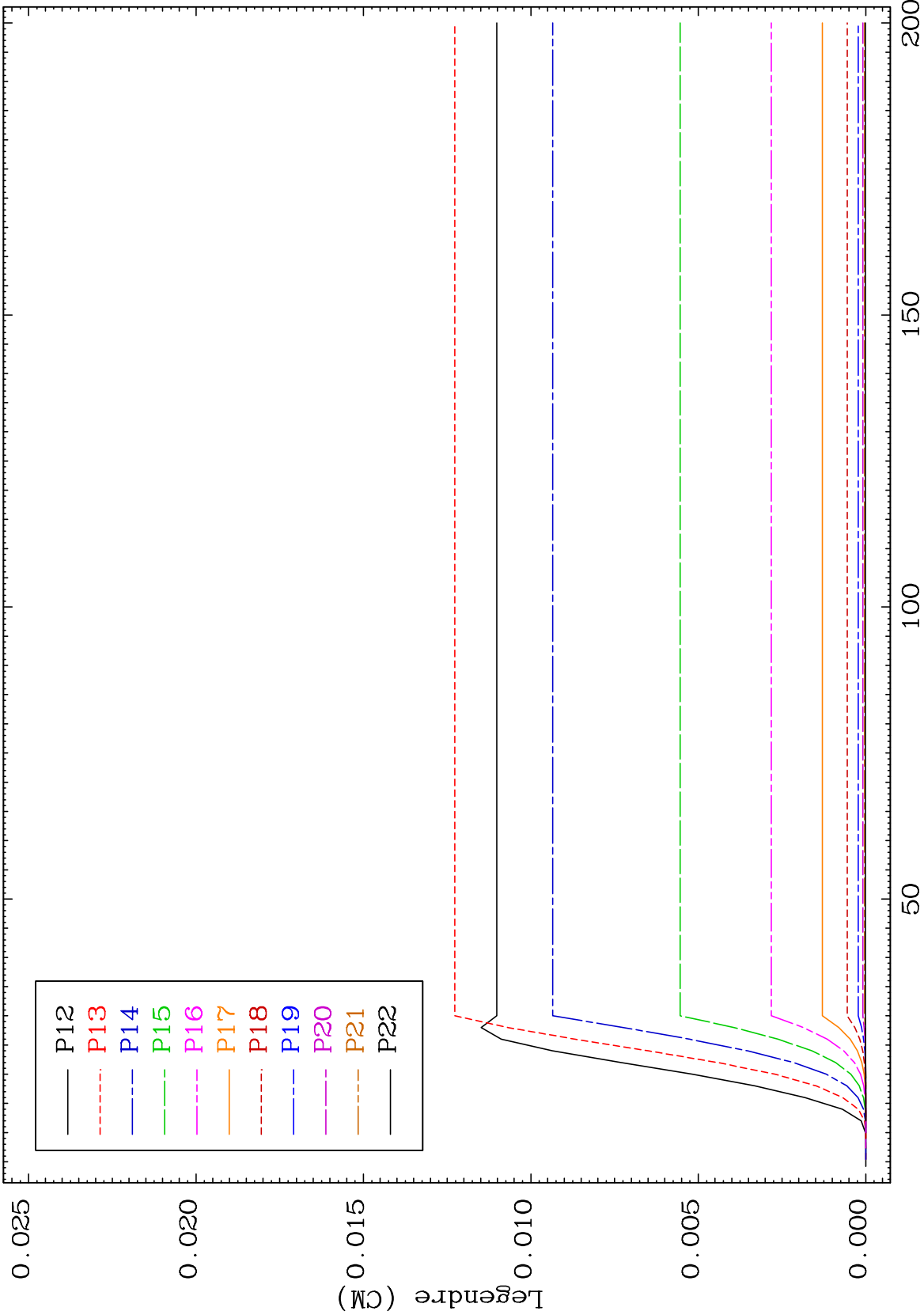
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



25

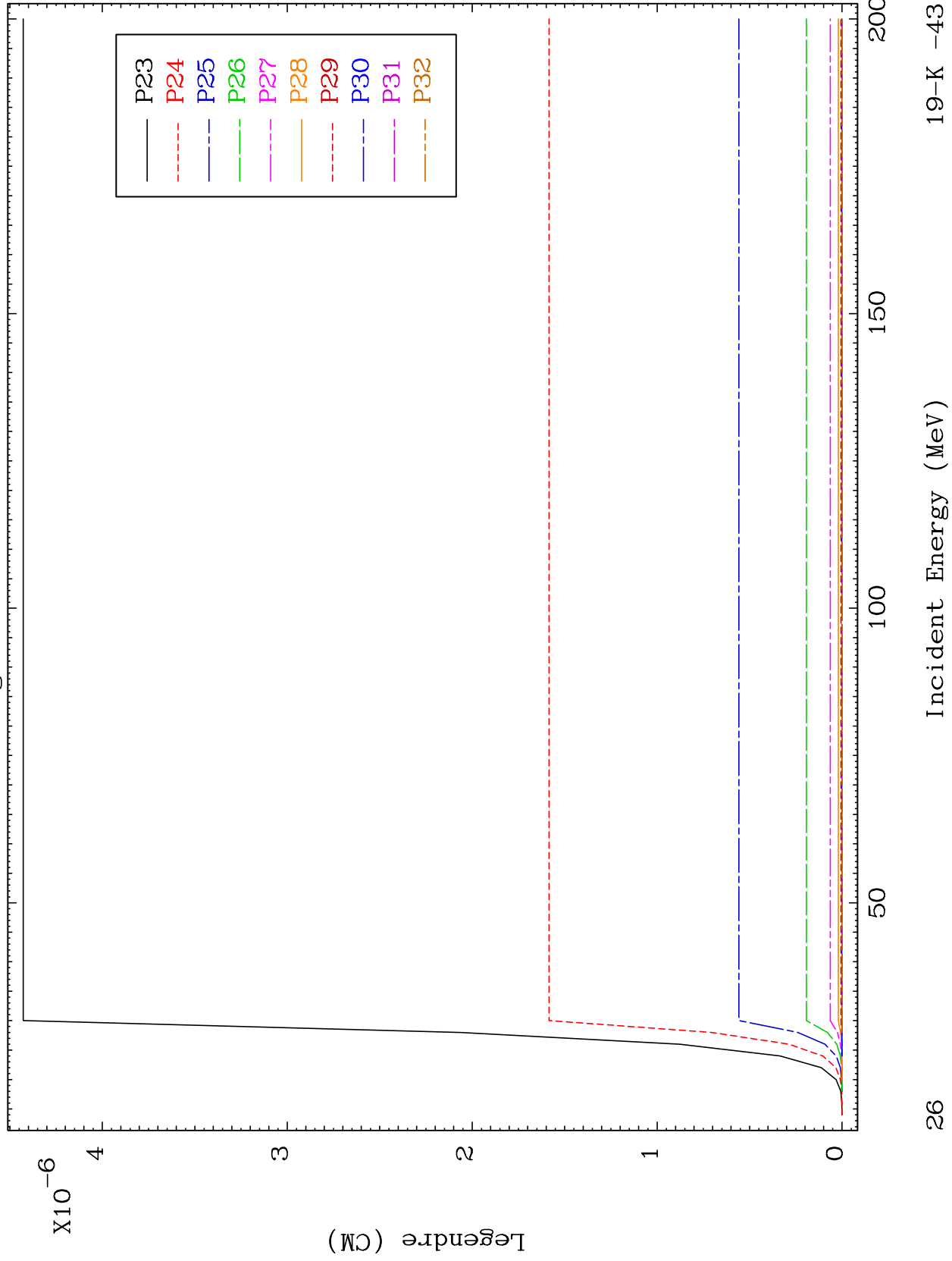
Incident Energy (MeV)

19-K -43

MAT 1937

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

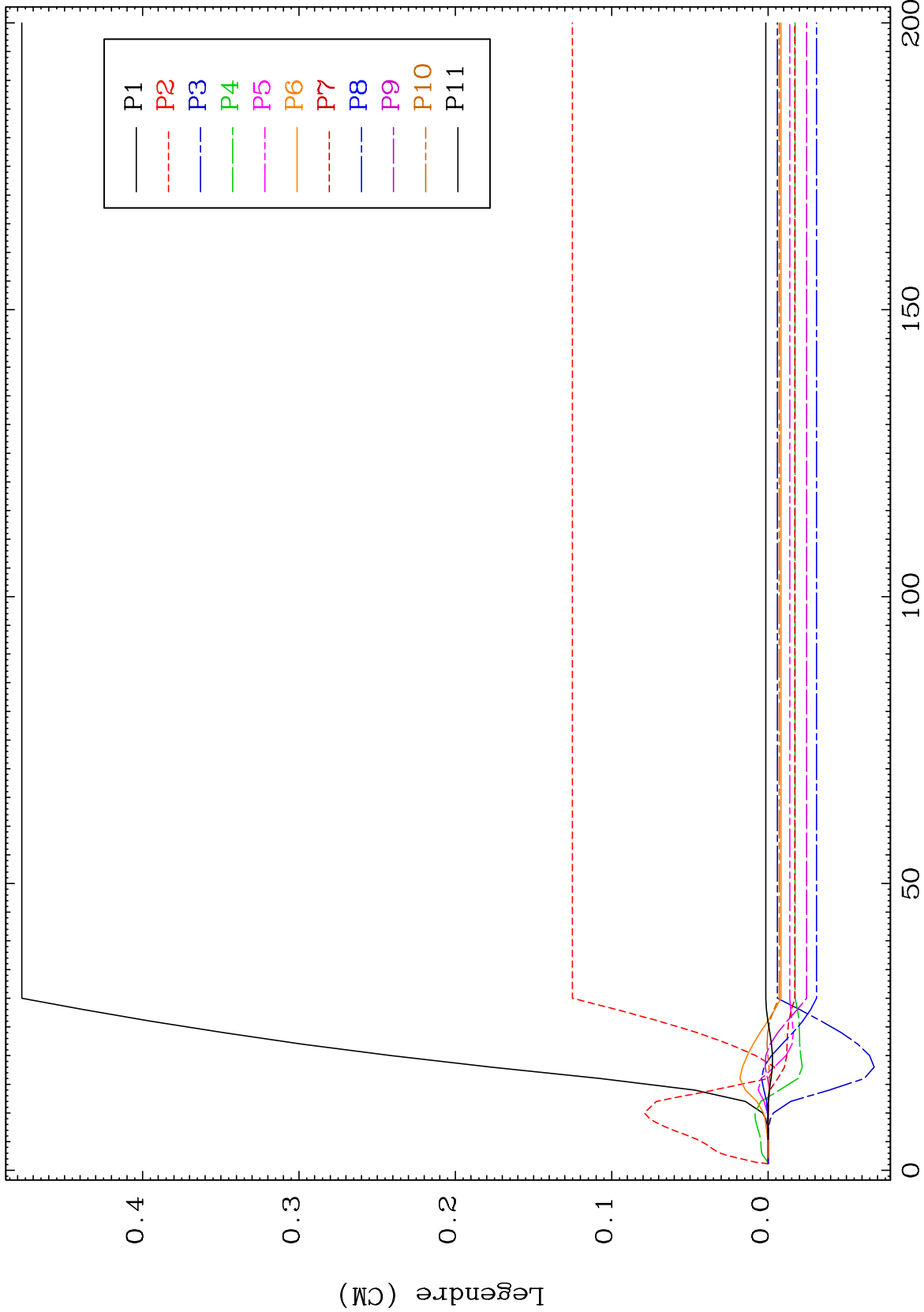
19-K -43



MAT 1937

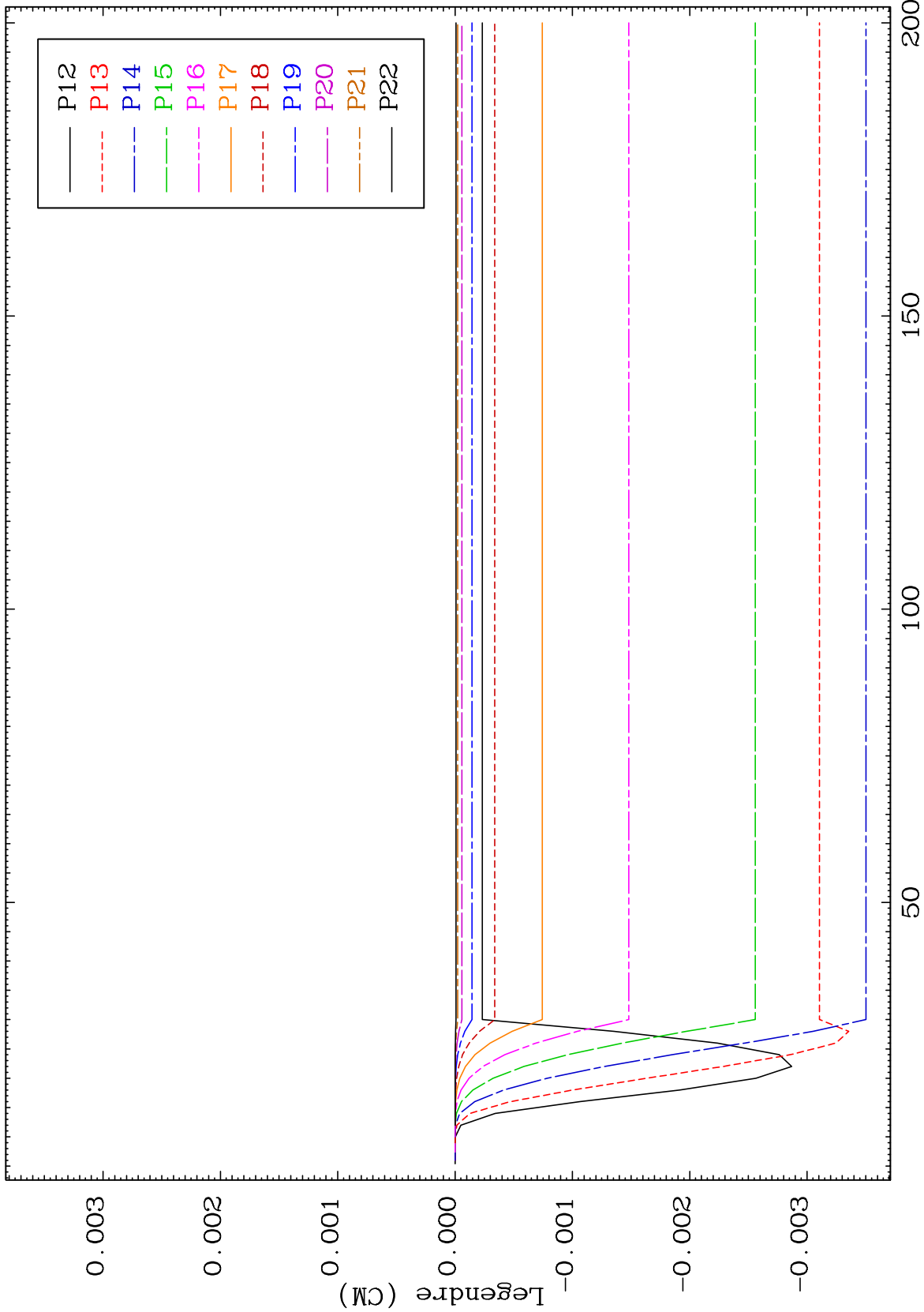
MT= 54 (n,n') Level  
Legendre Coefficients

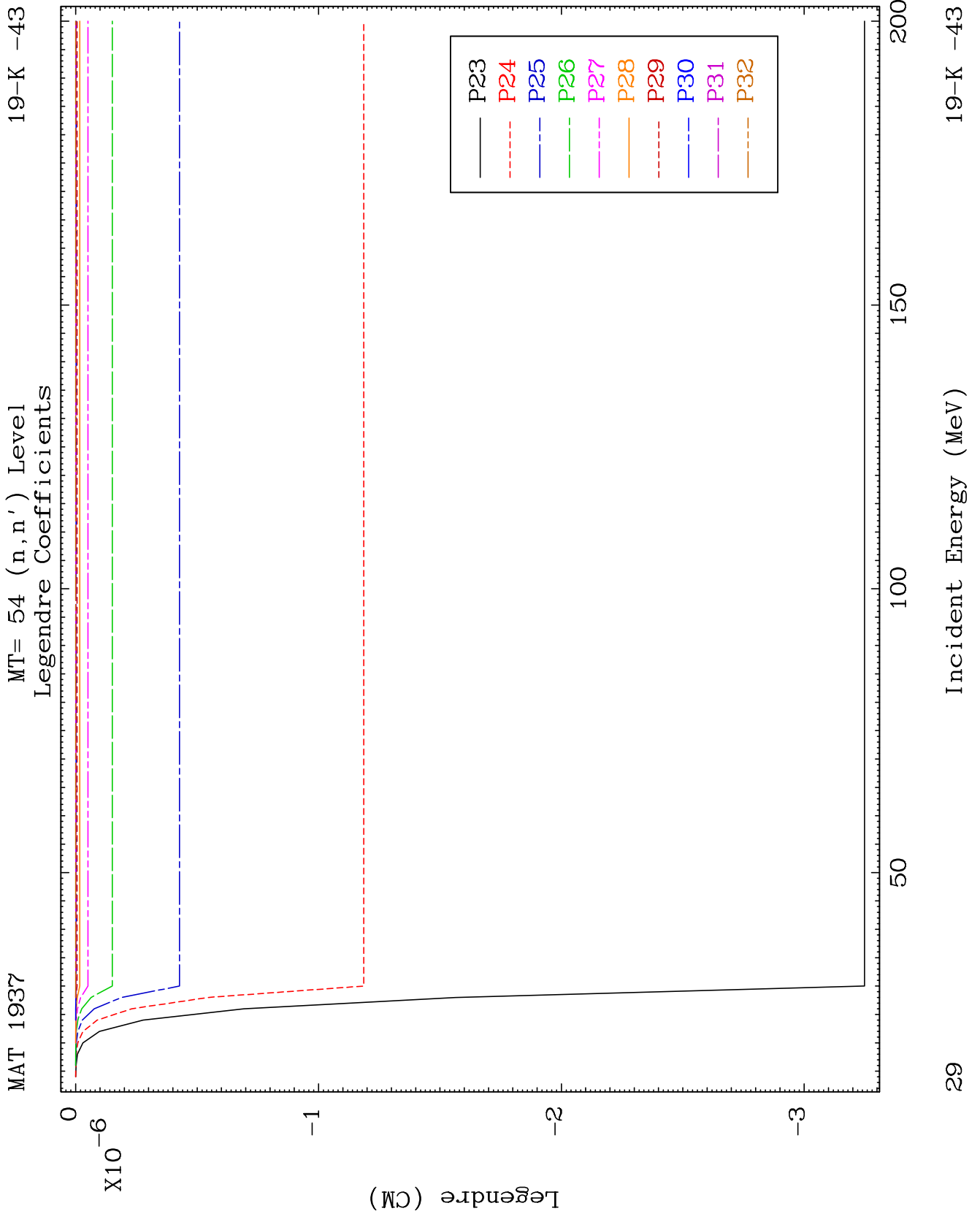
19-K -43



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19-K -43

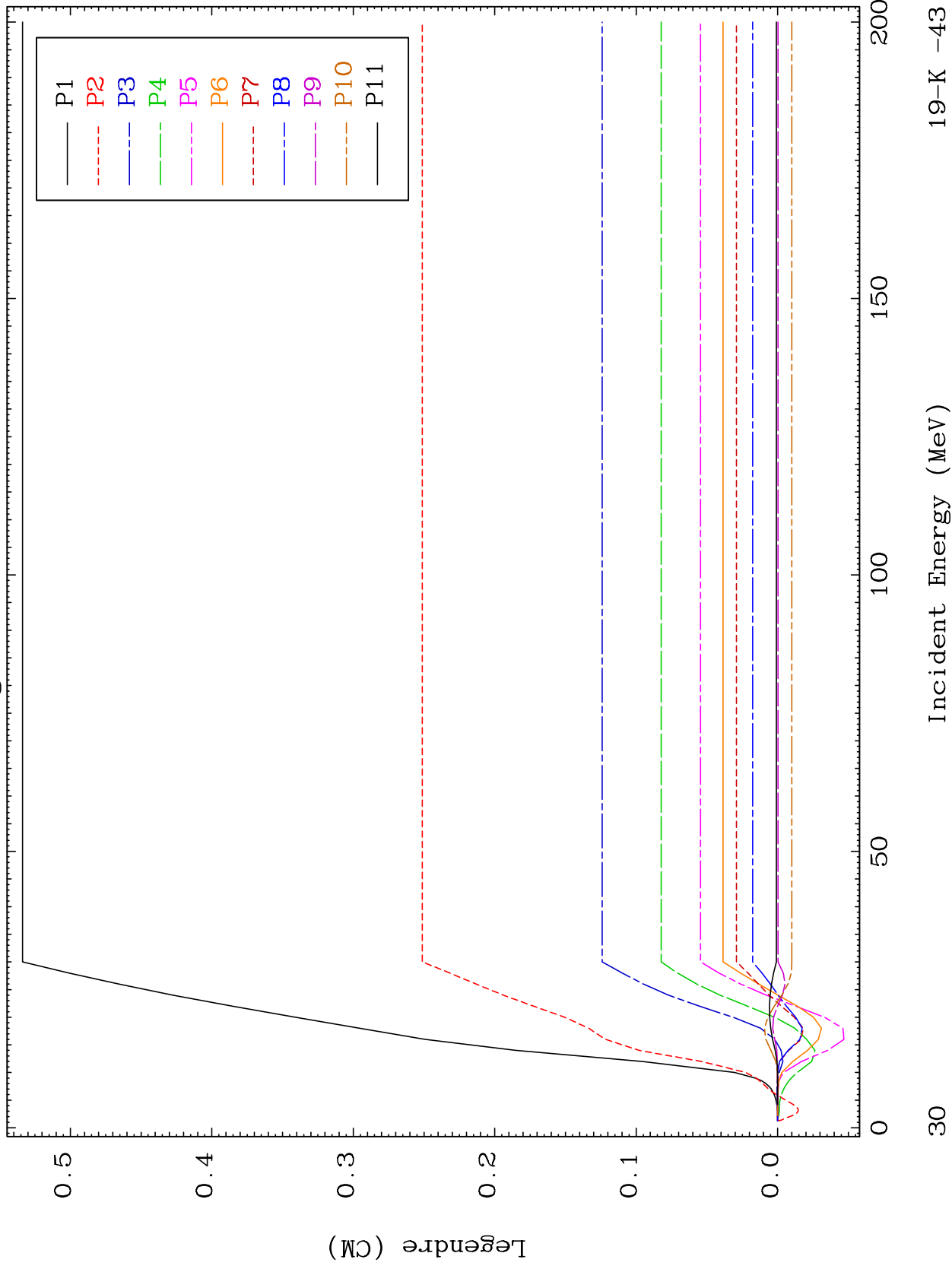


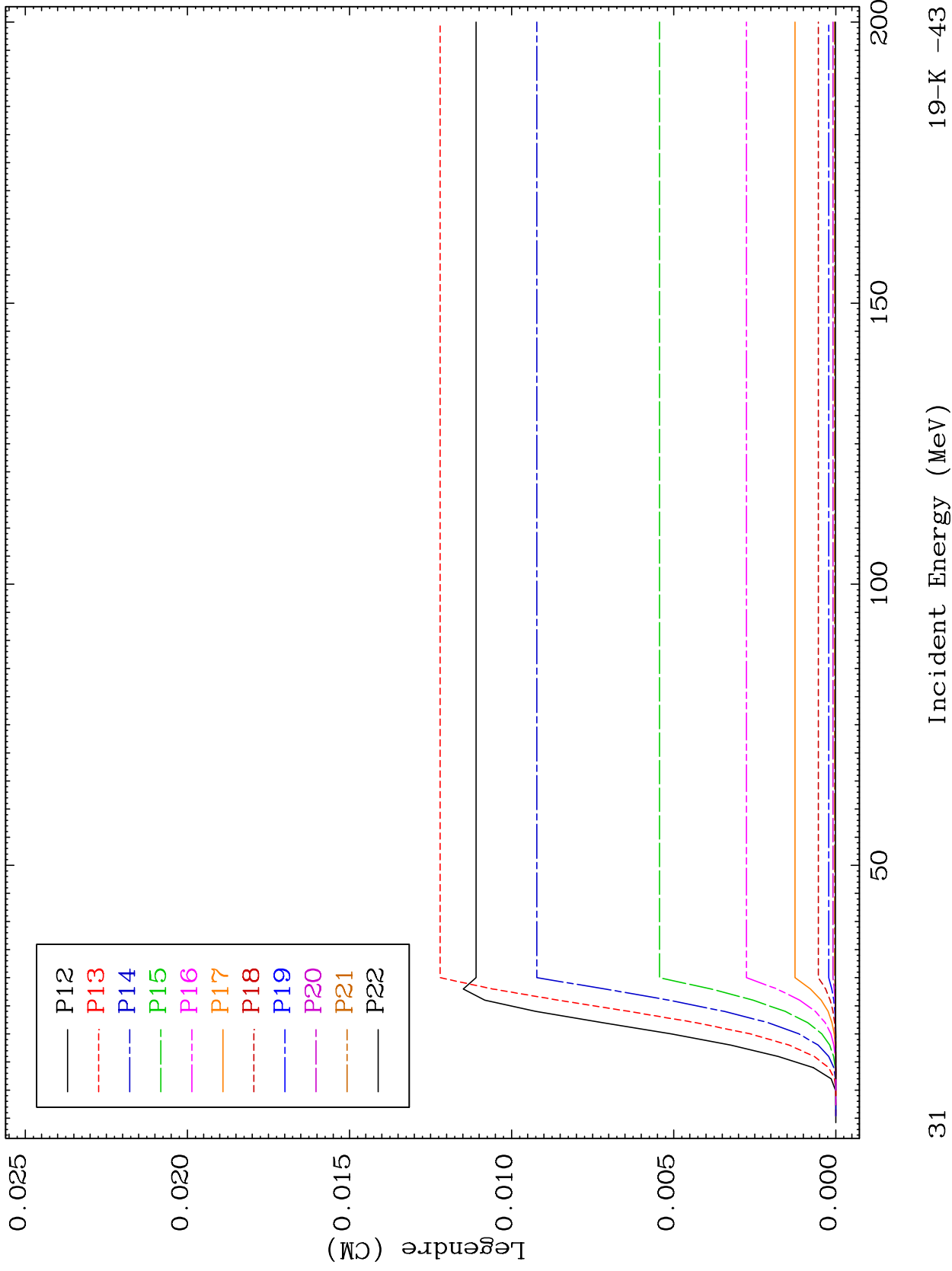


MAT 1937

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

19-K -43



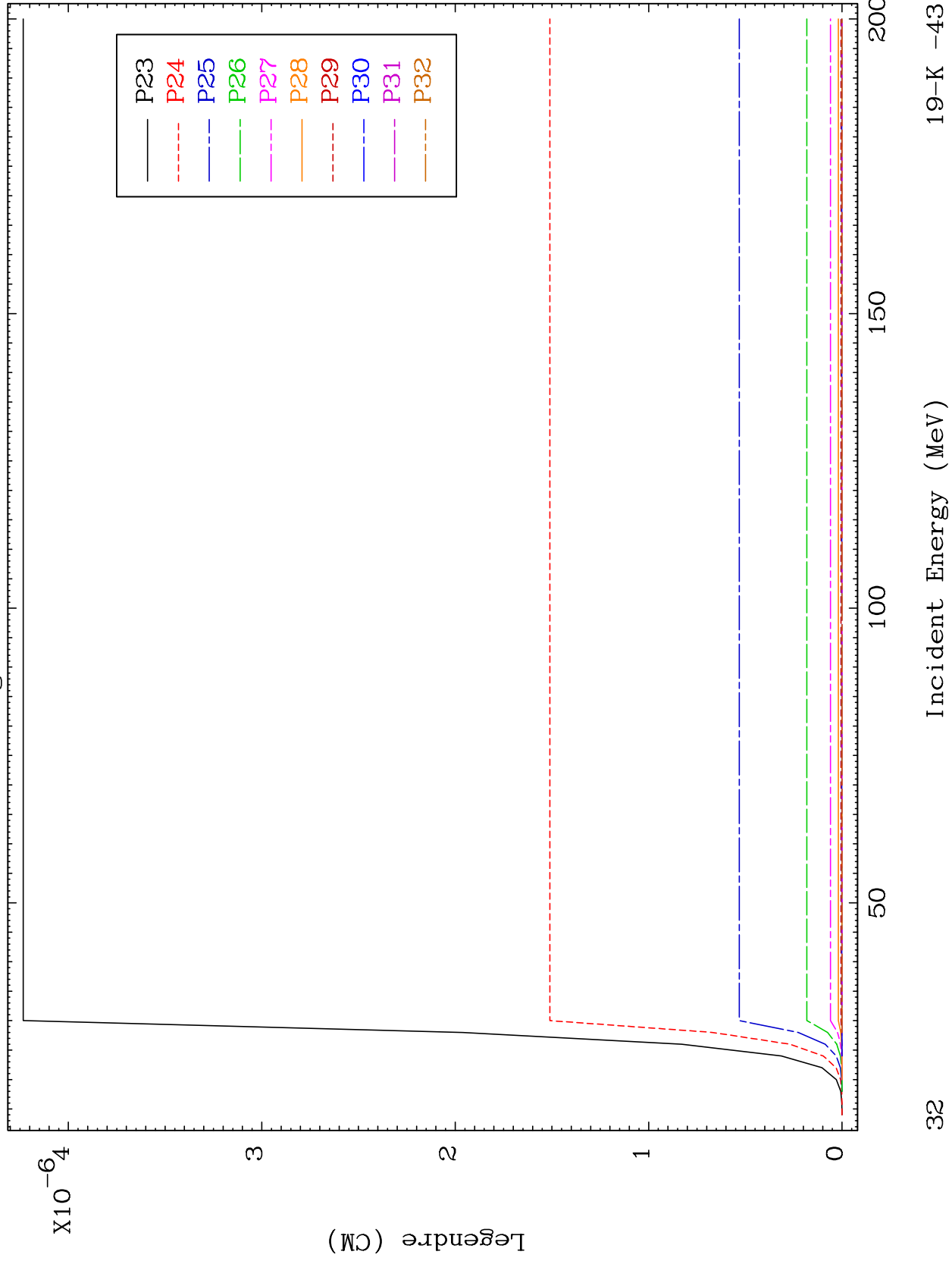




MAT 1937

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

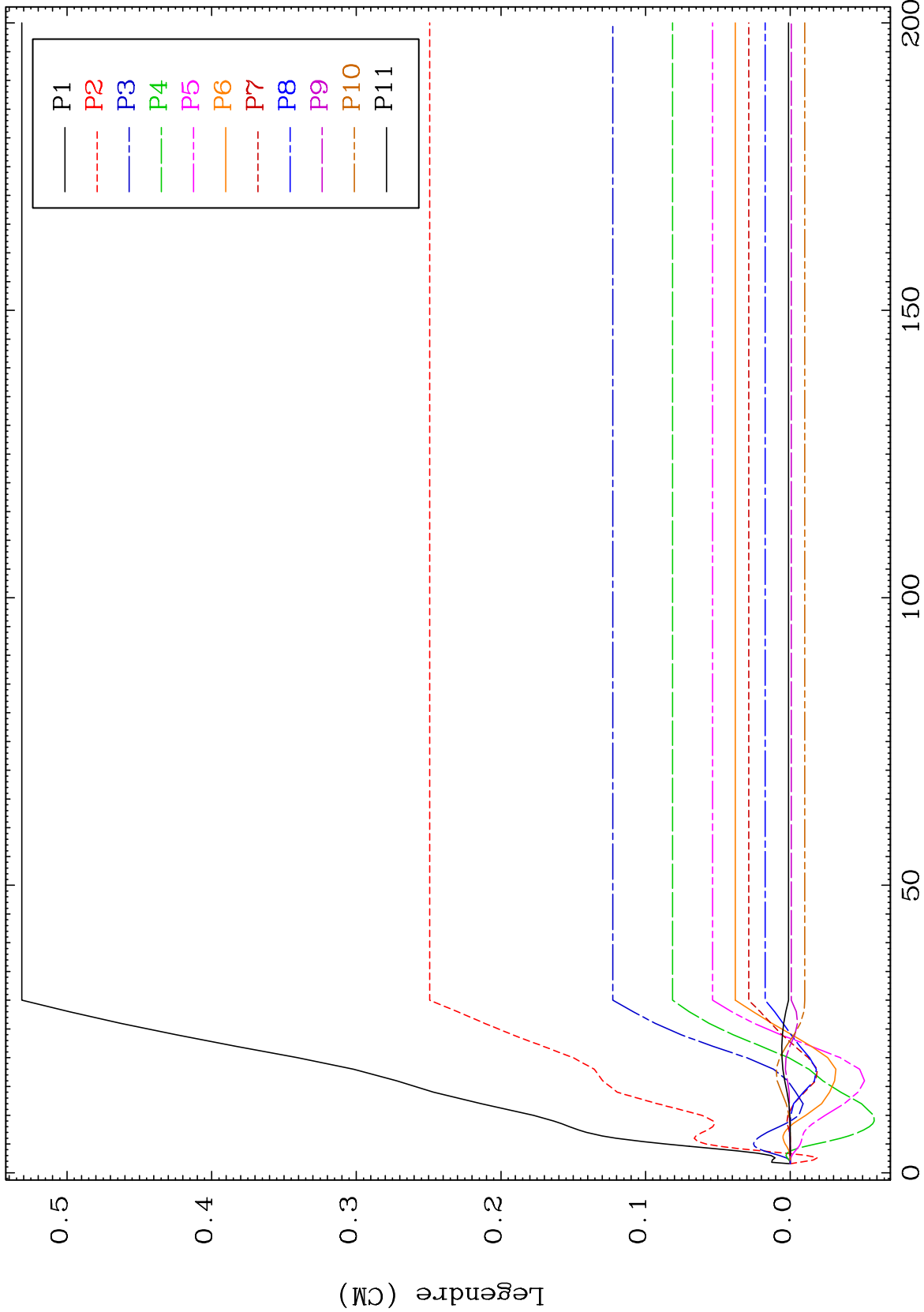
19-K -43



MAT 1937

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

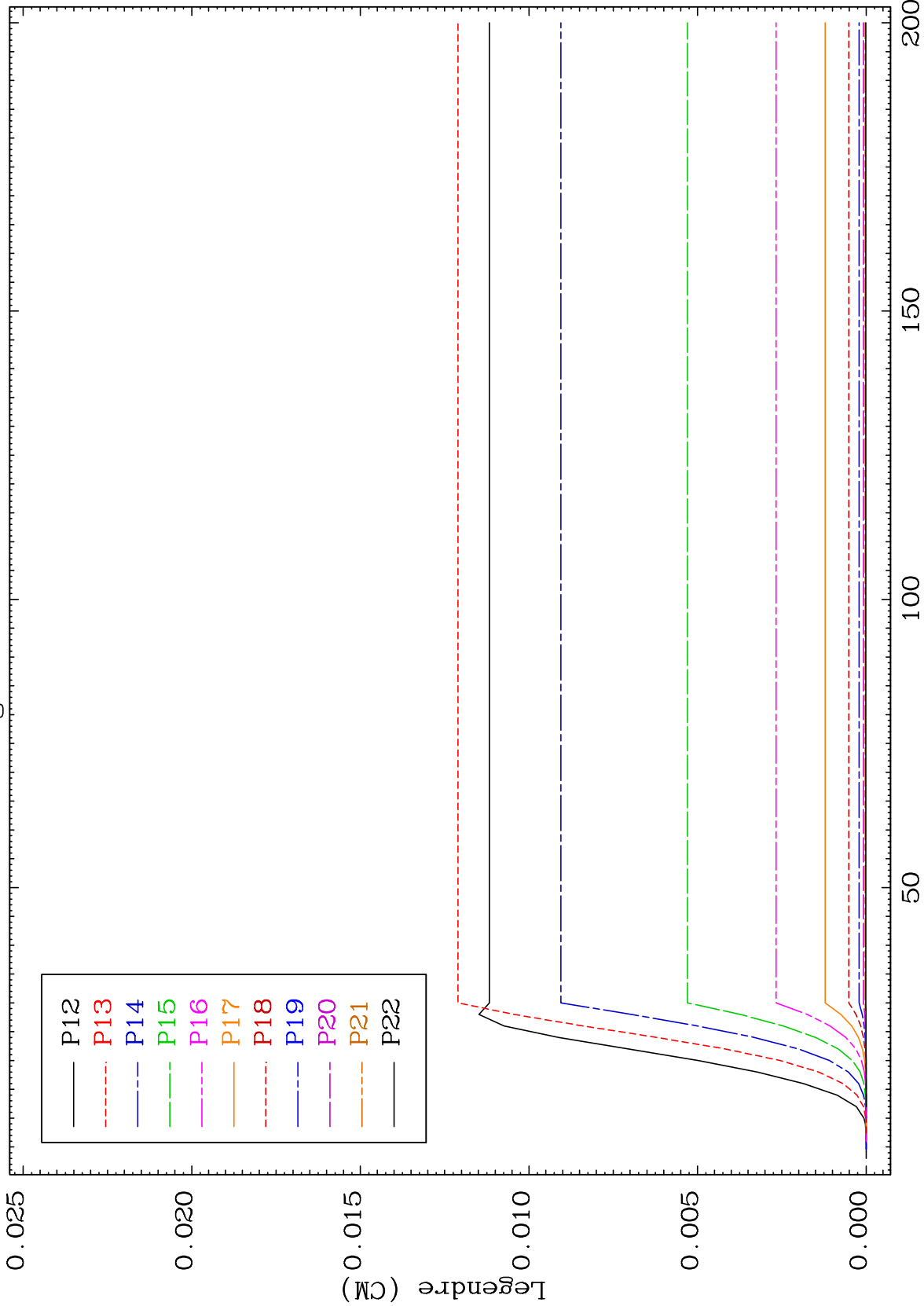
19-K -43



33

Incident Energy (MeV)

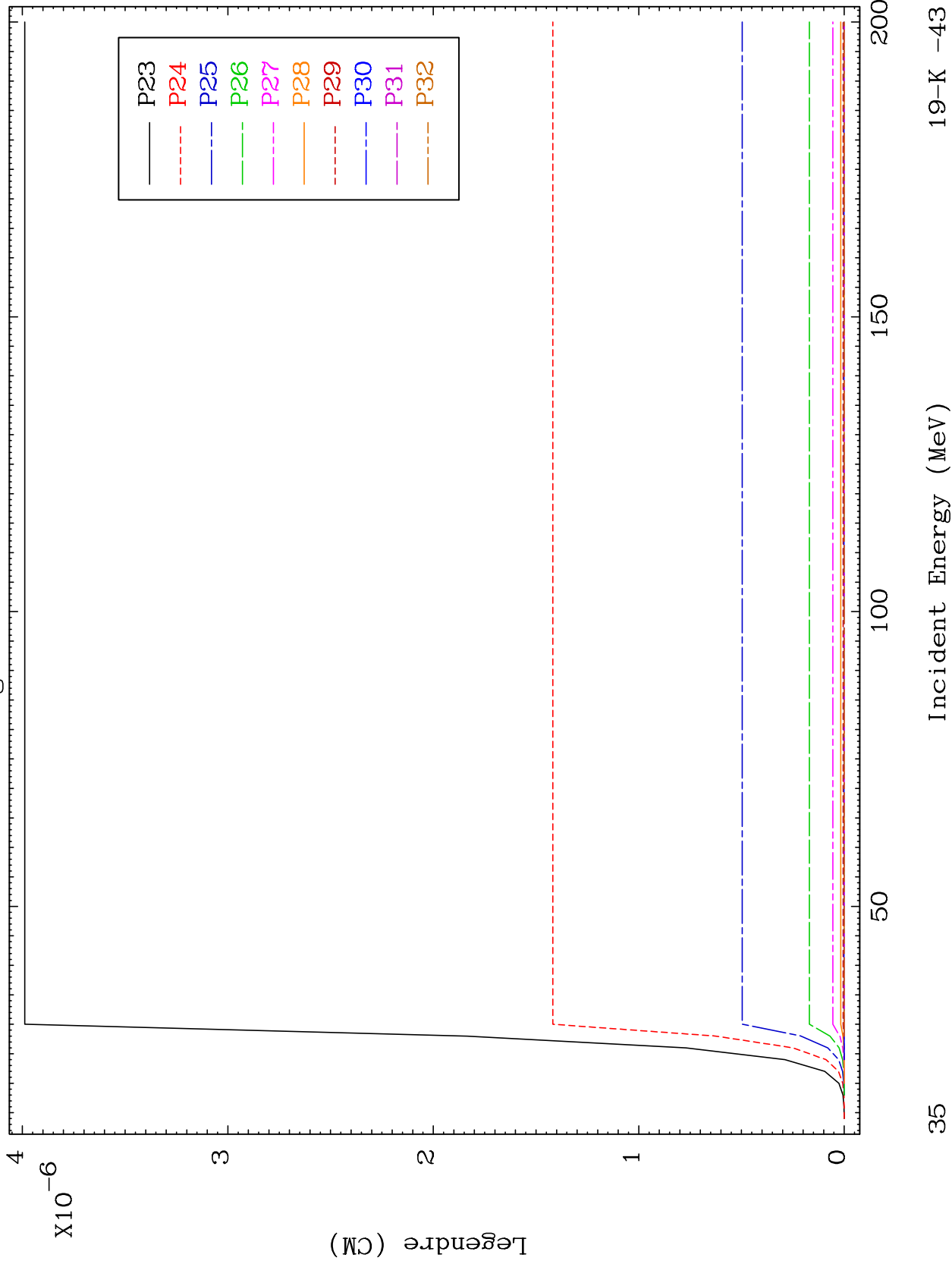
19-K -43



MAT 1937

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

19-K -43



35

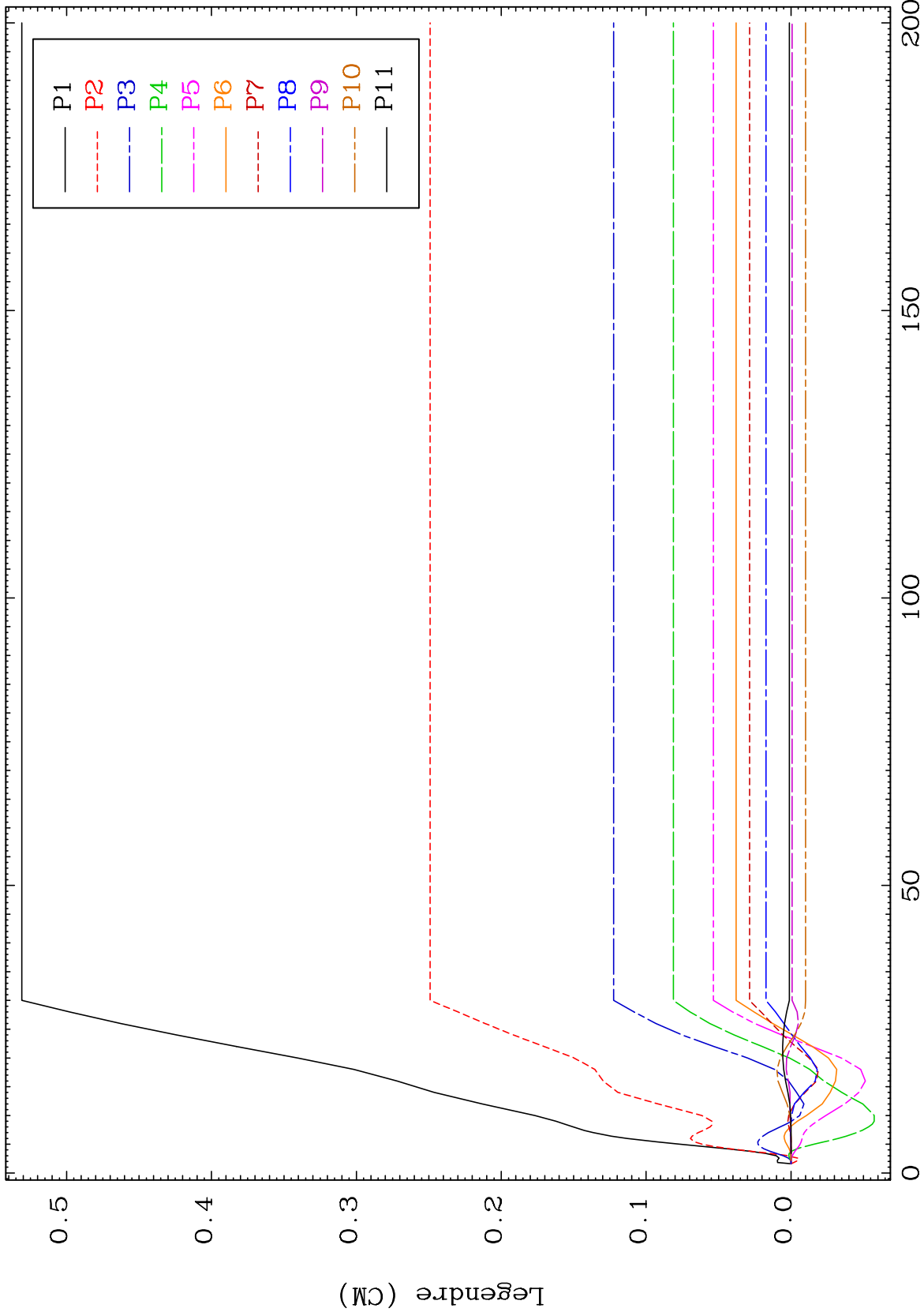
Incident Energy (MeV)

19-K -43

MAT 1937

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

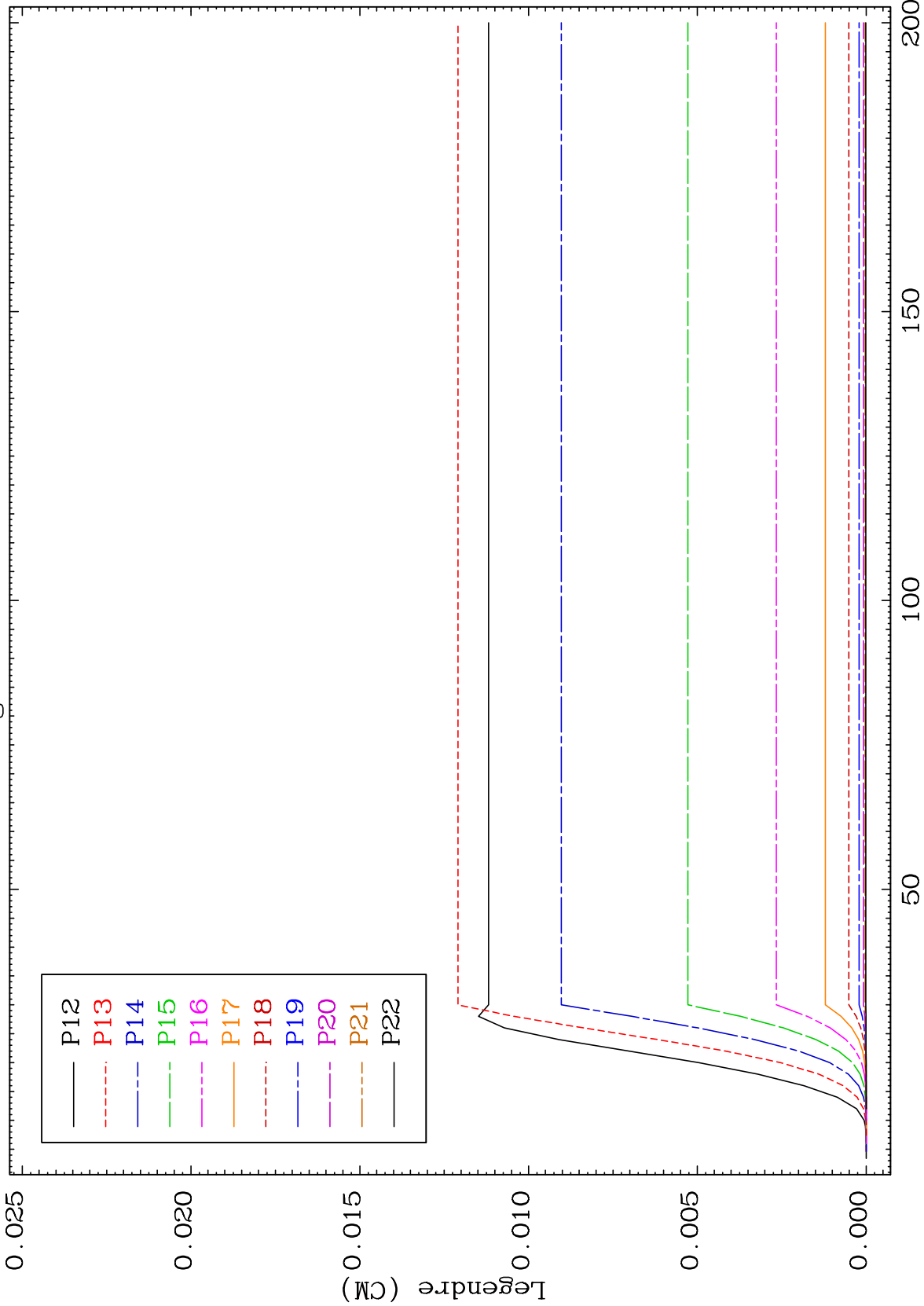
19-K -43



36

Incident Energy (MeV)

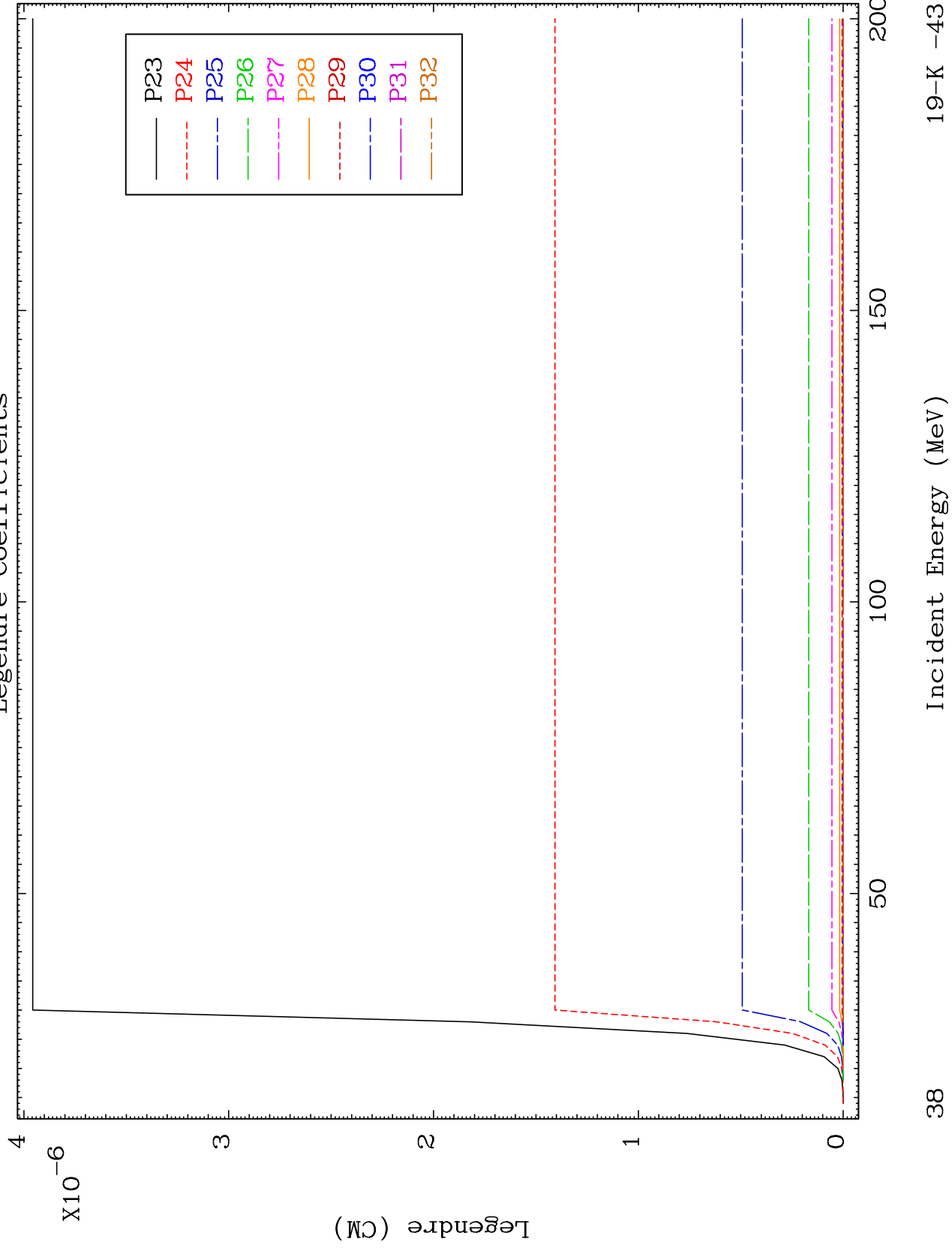
19-K -43



MAT 1937

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

19-K -43



38

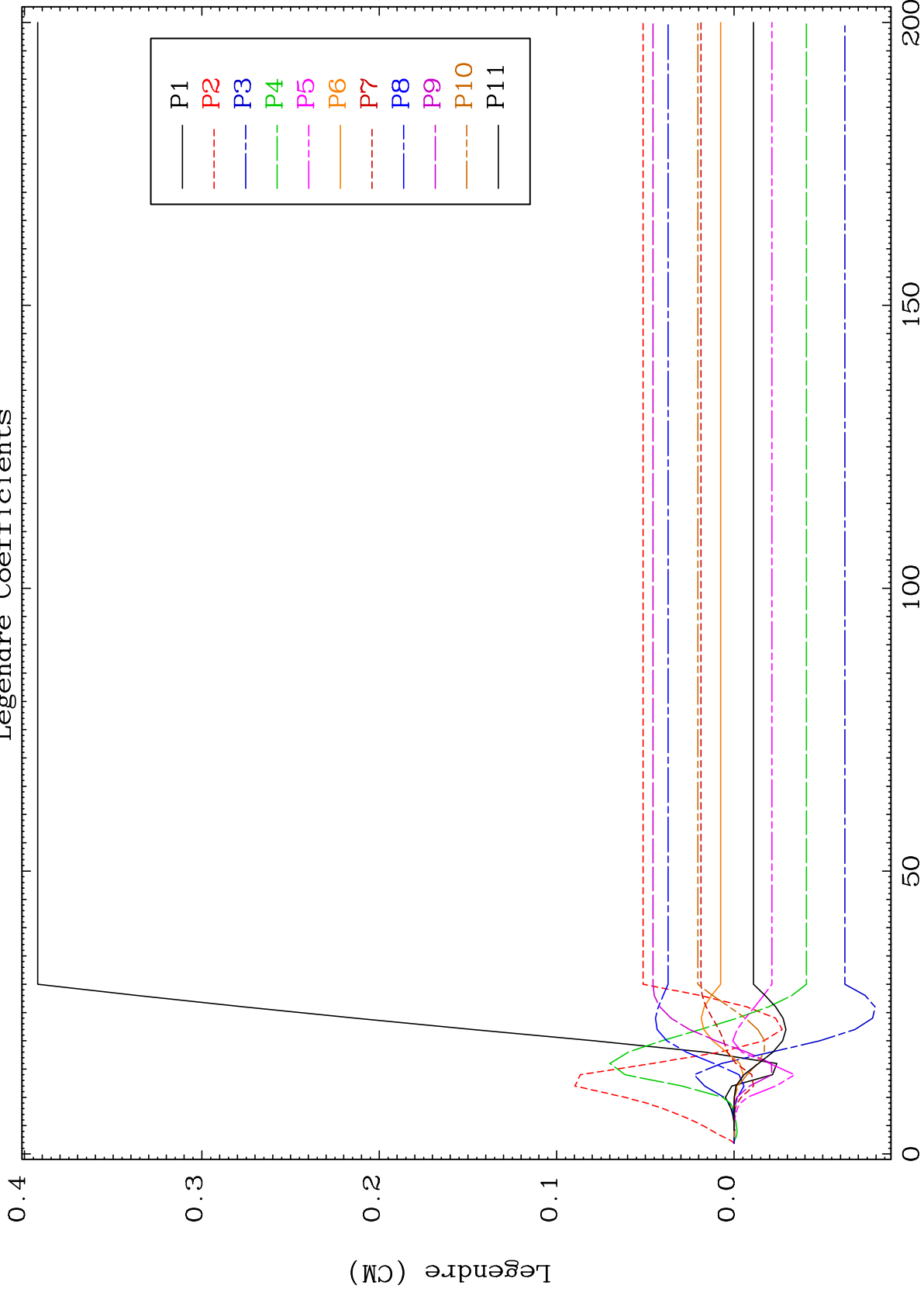
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



39

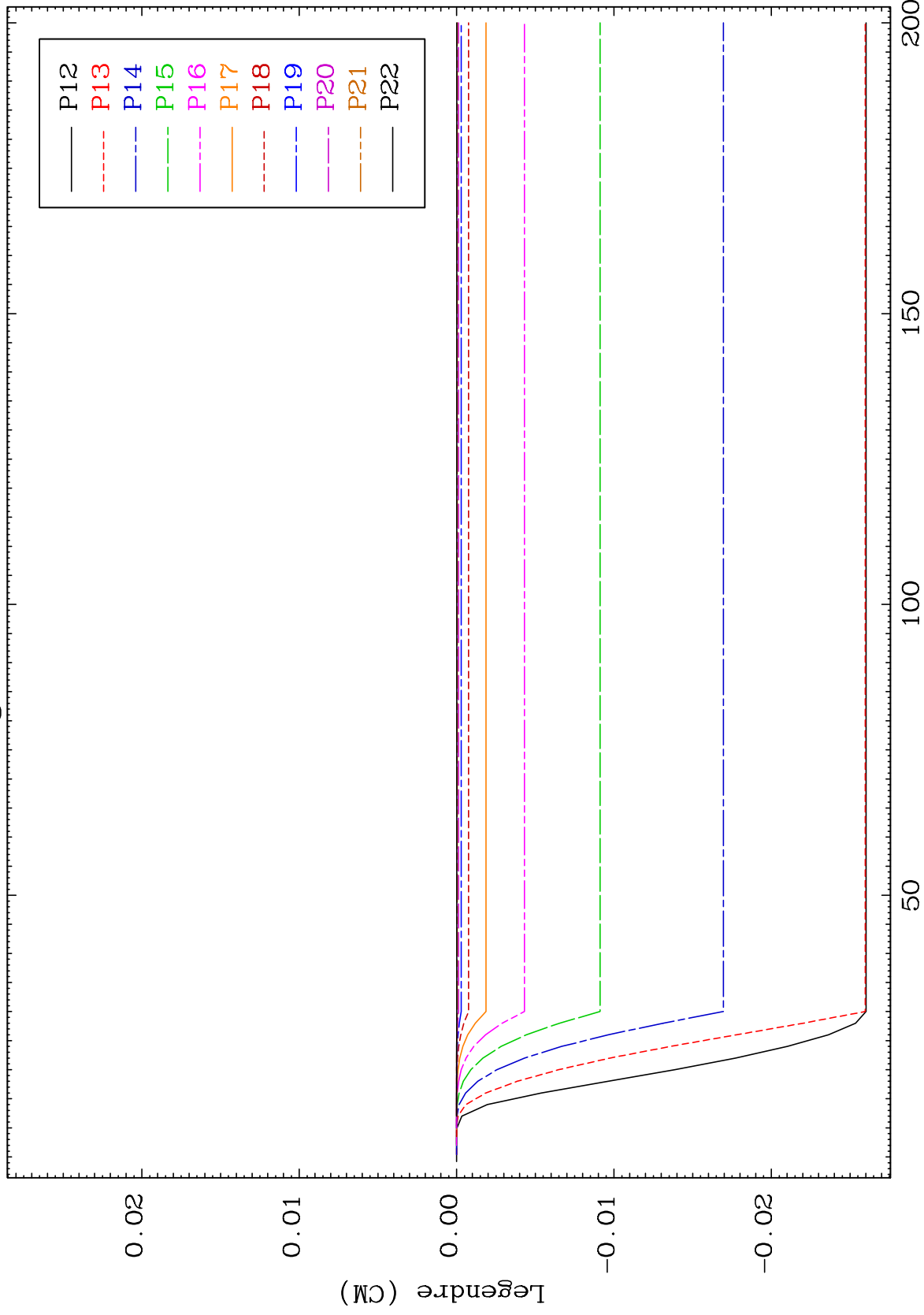
19-K -43



MAT 1937

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

19-K -43



40

Incident Energy (MeV)

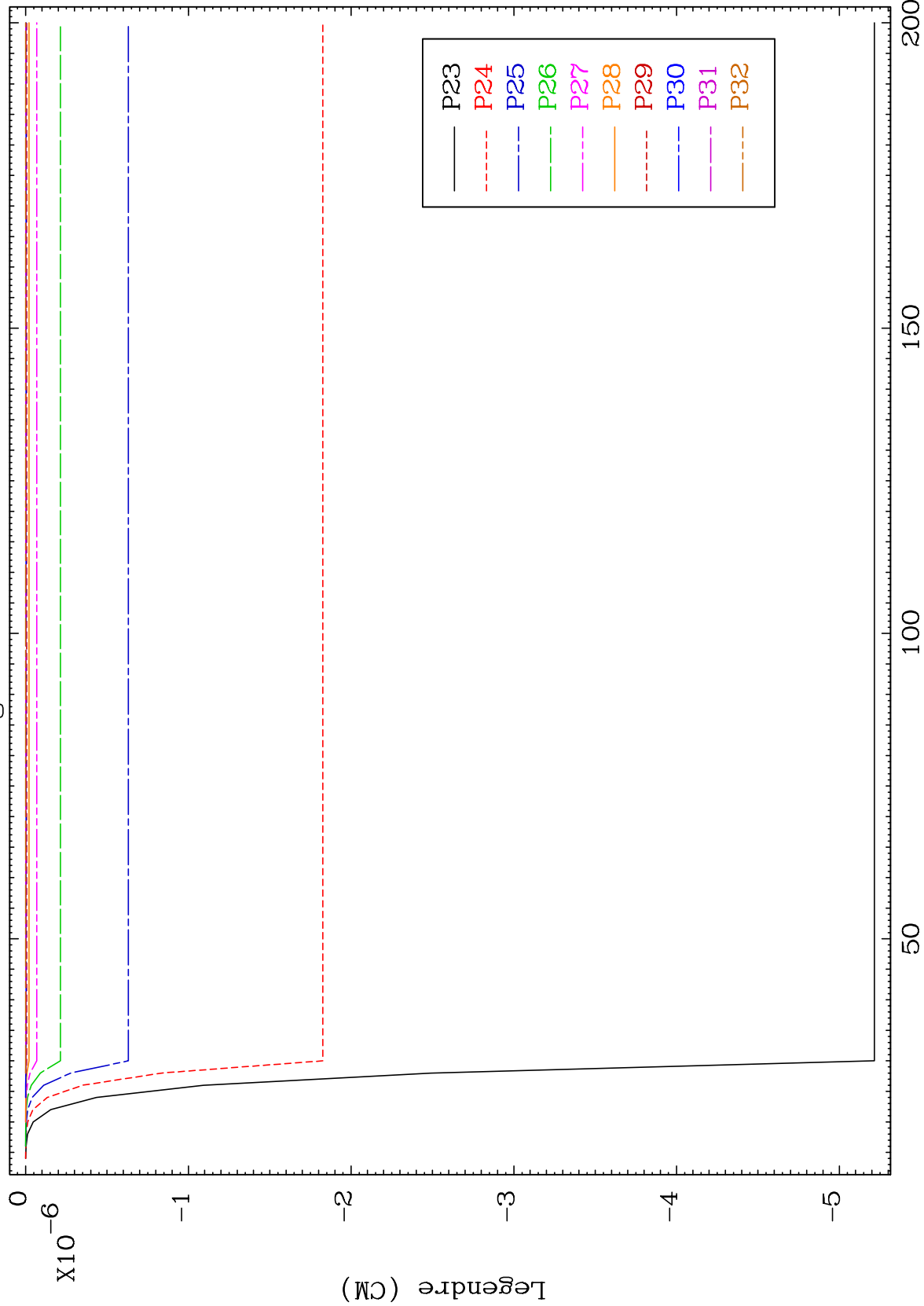
19-K -43

MAT 1937

MT= 58 (n,n') Level

19-K -43

Legendre Coefficients



41

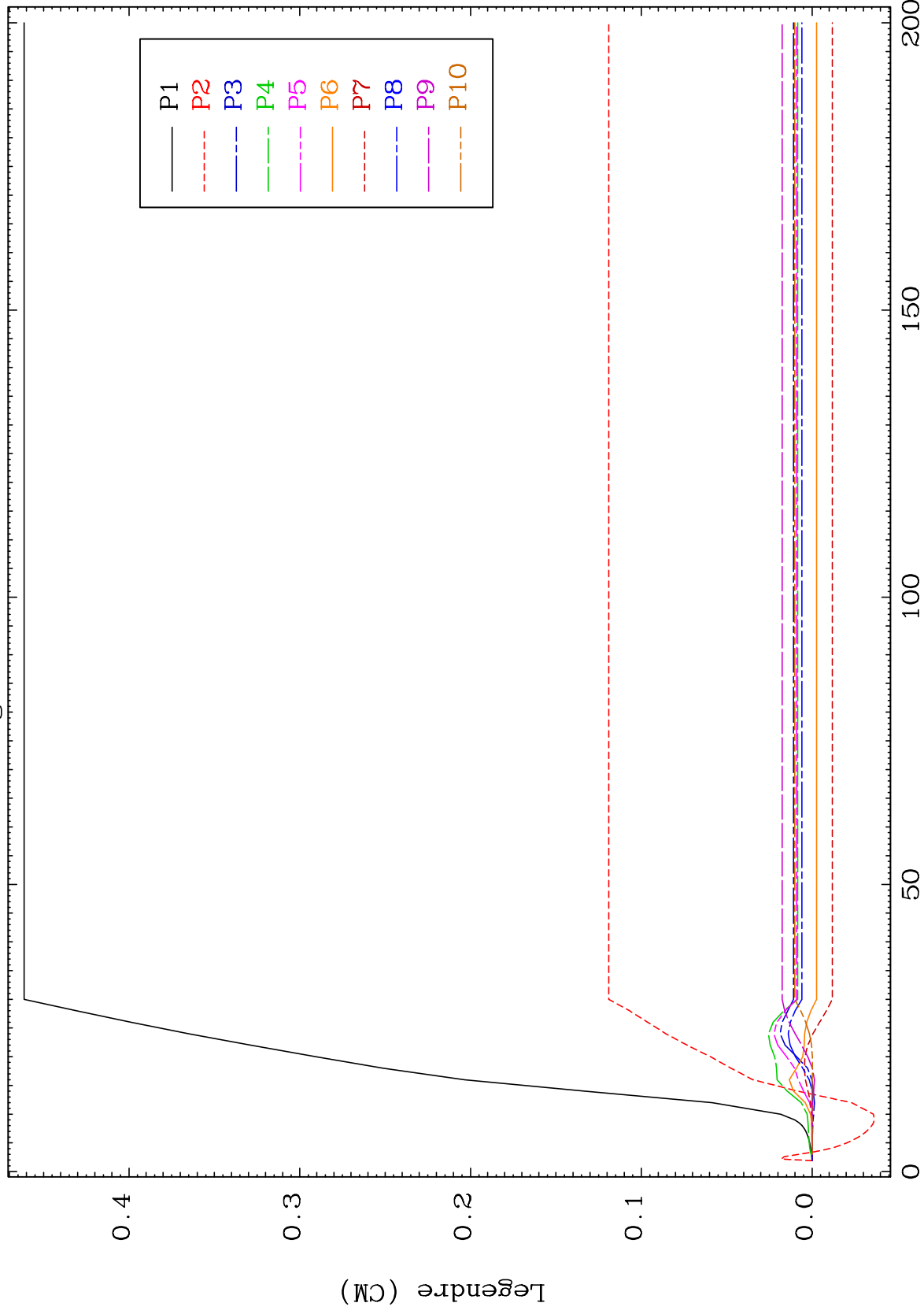
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



42

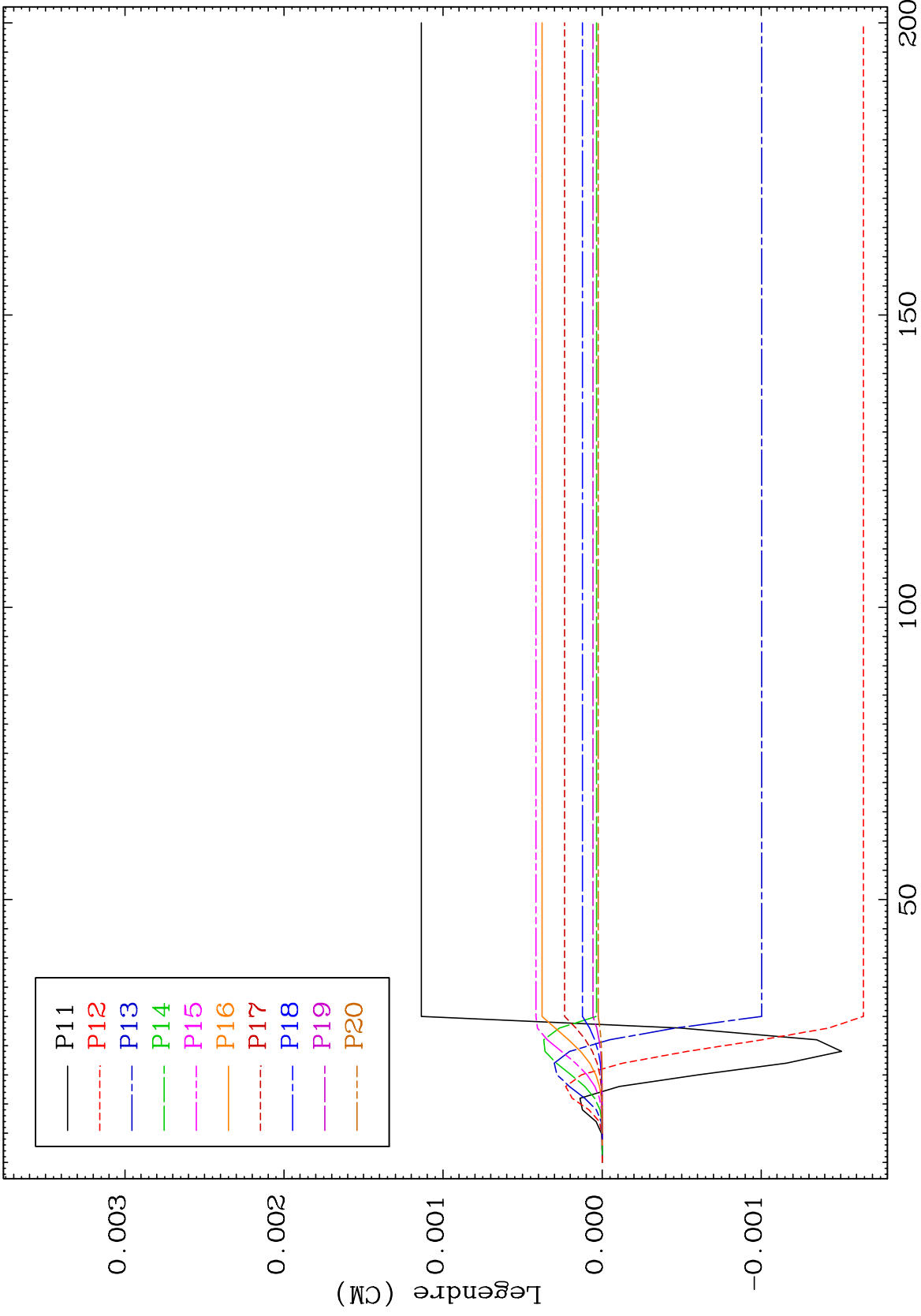
Incident Energy (MeV)

19-K -43

MAT 1937

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

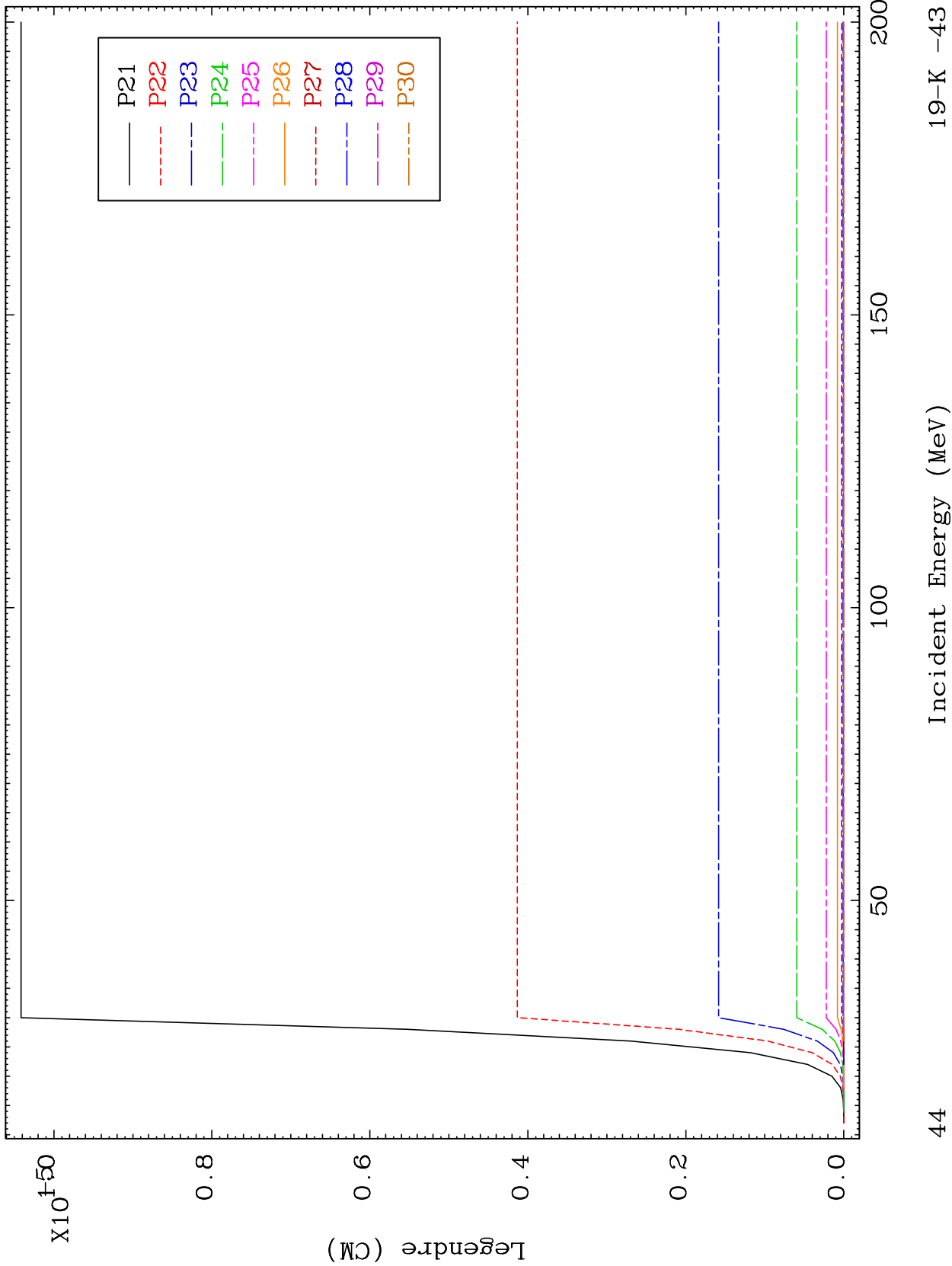
19-K -43



43

Incident Energy (MeV)

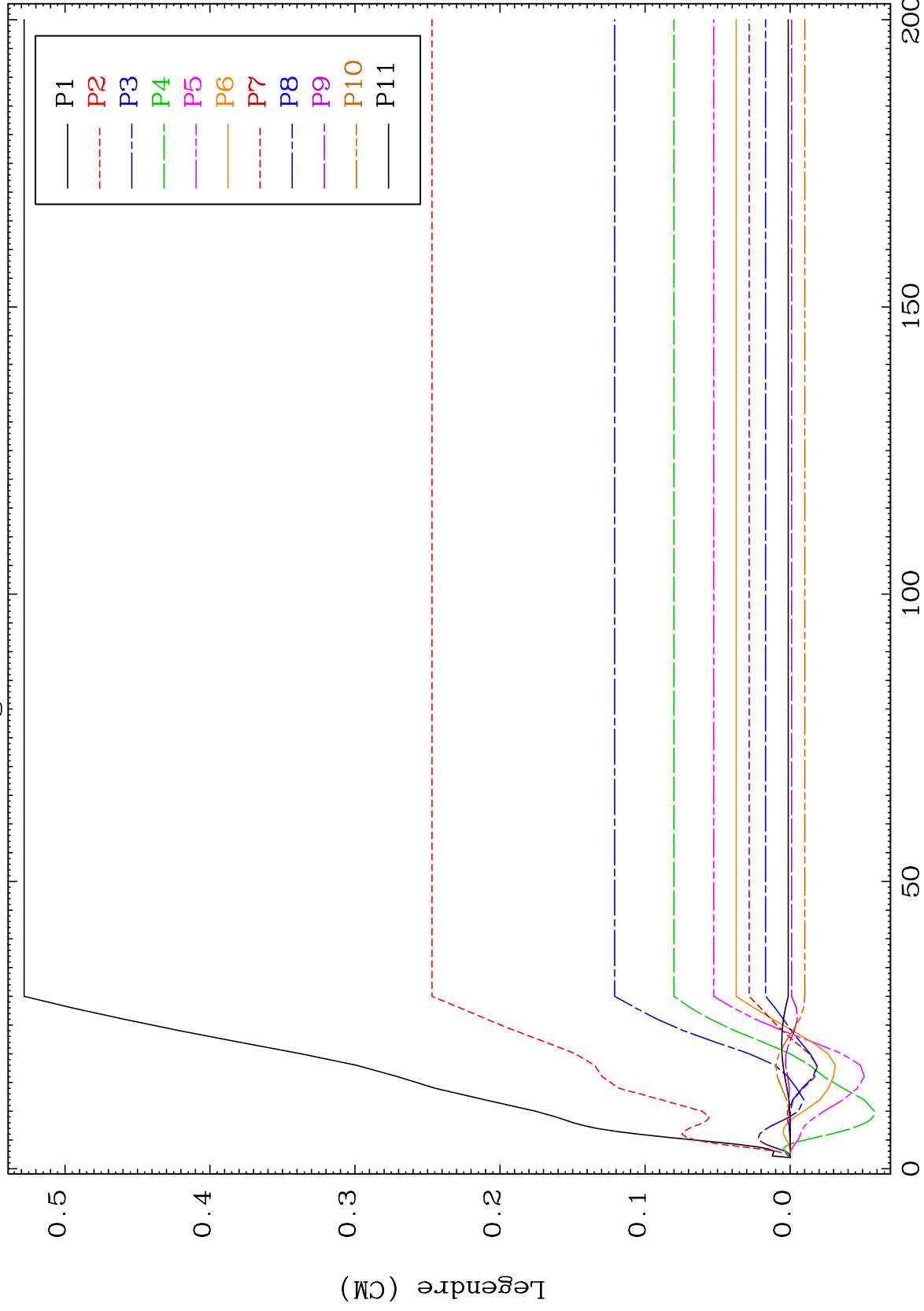
19-K -43



MAT 1937

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

19-K -43



Incident Energy (MeV)

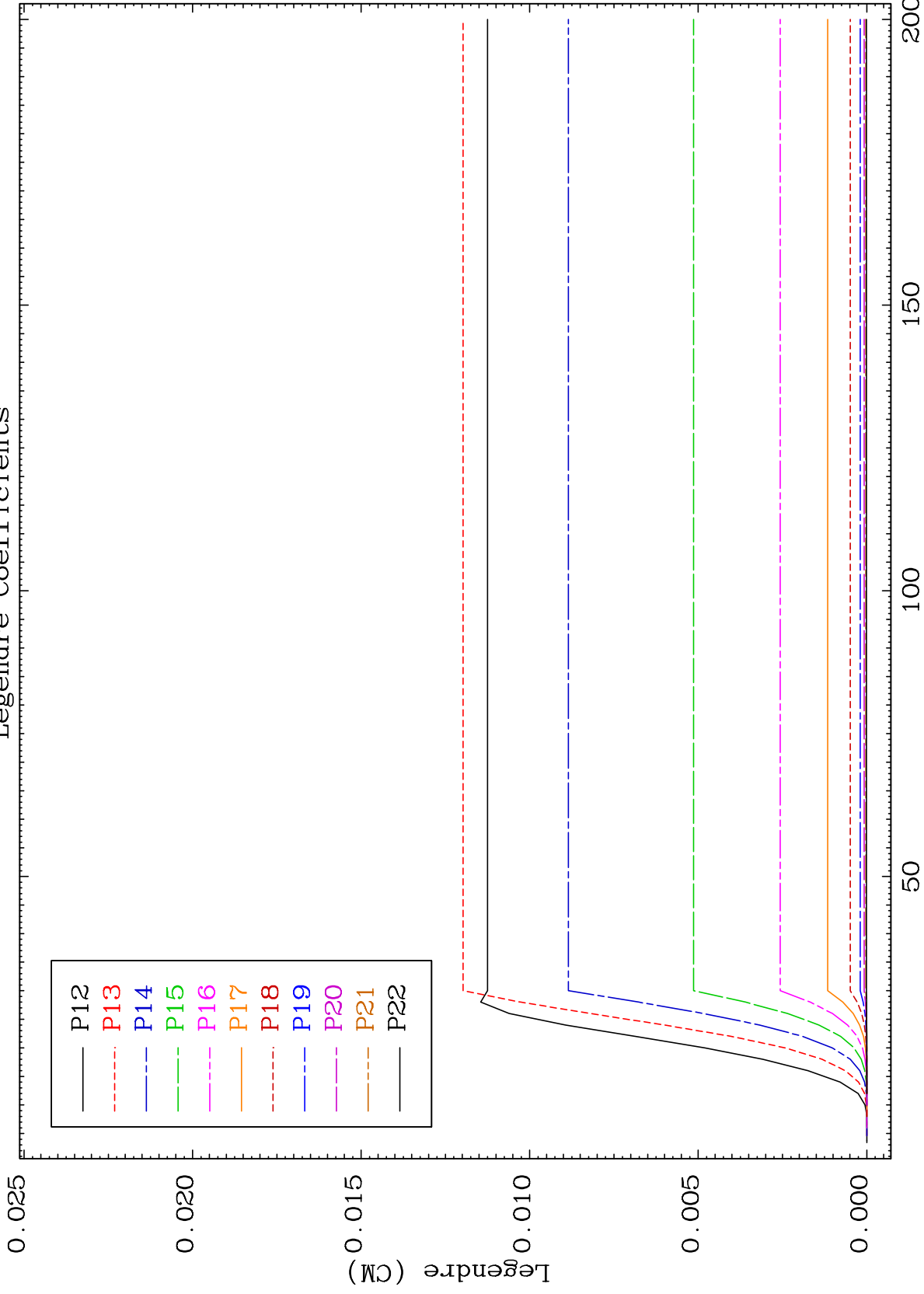
19-K -43

45

MAT 1937

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

19-K -43



46

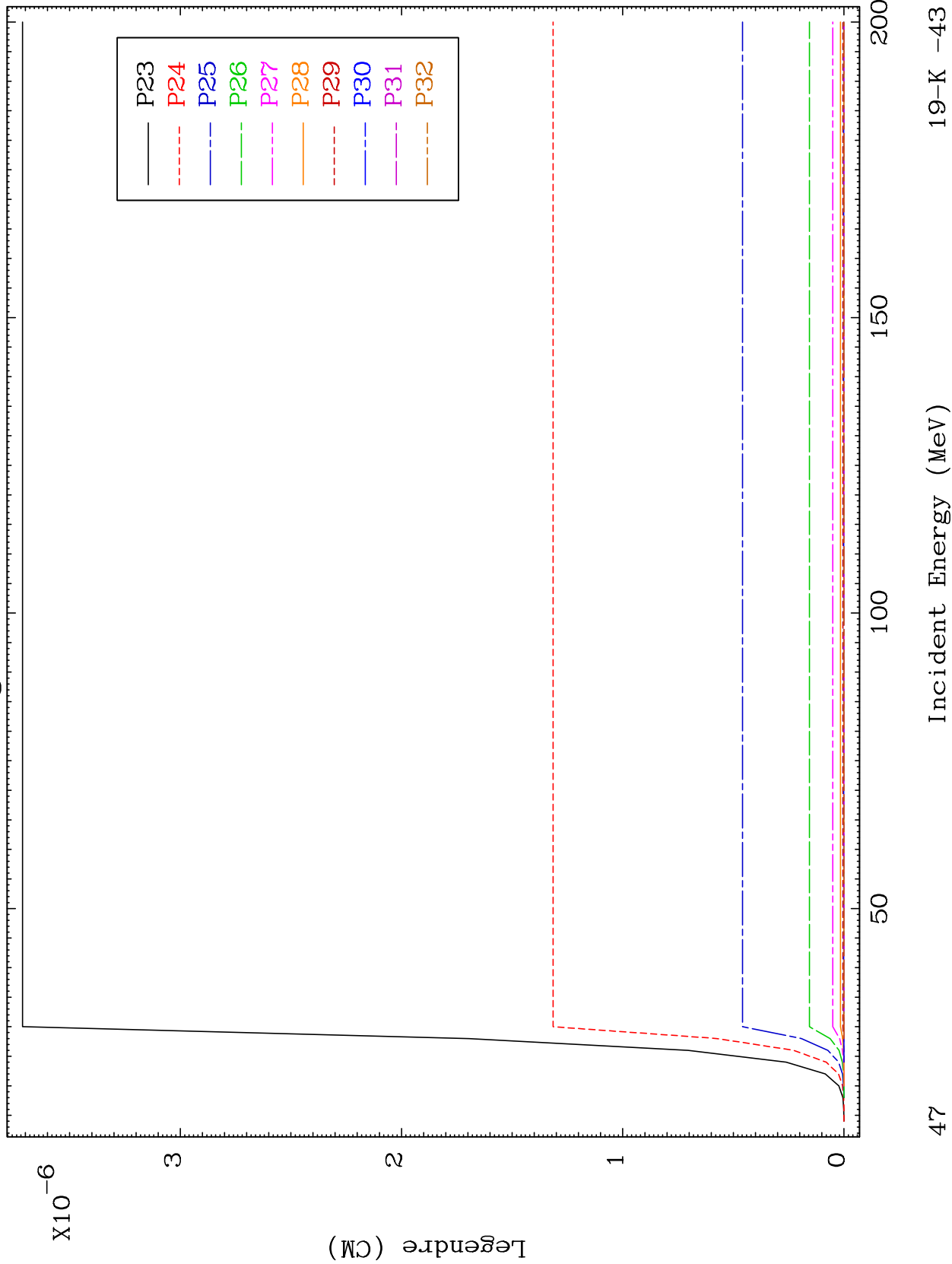
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43

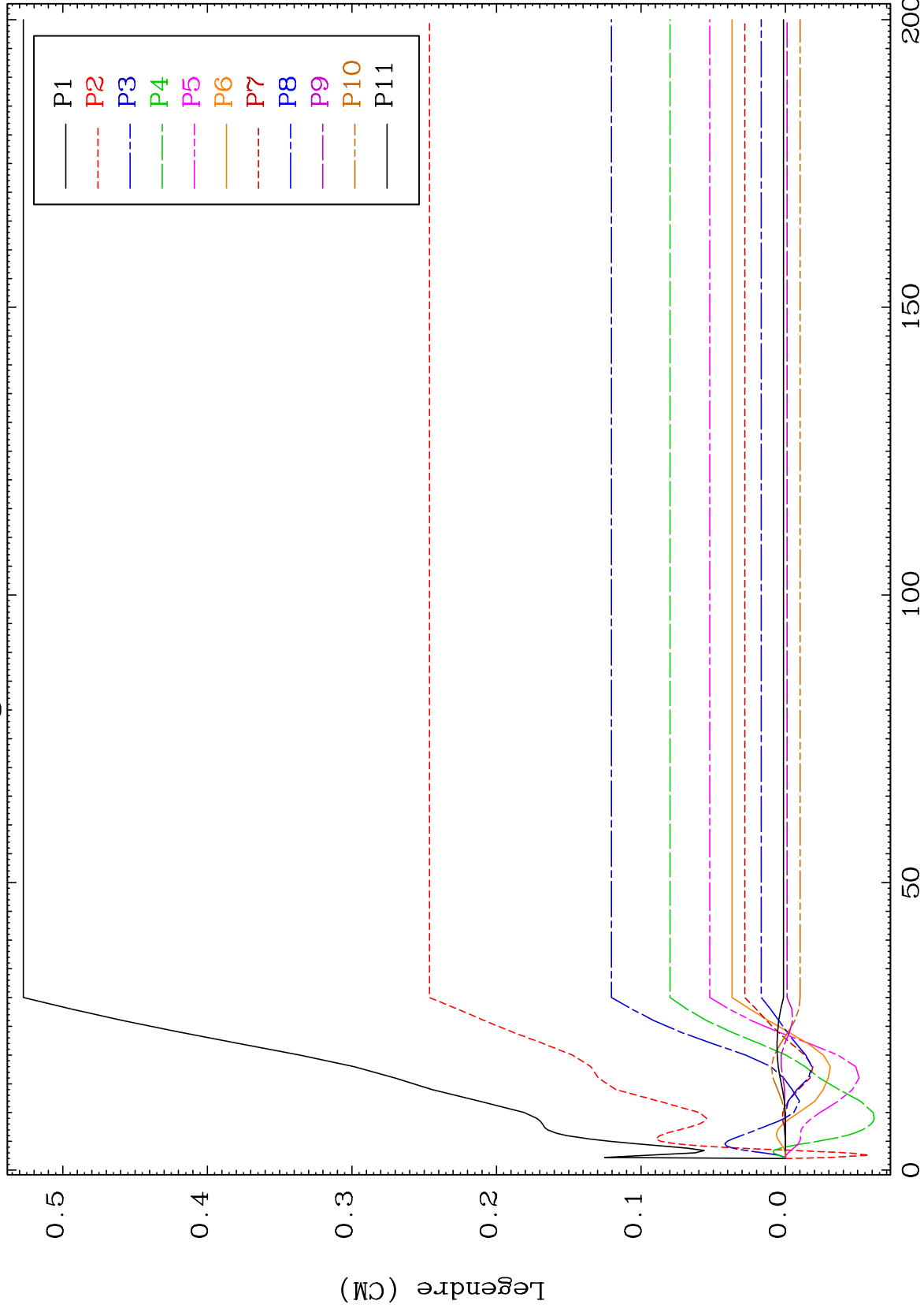




MAT 1937

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

19-K -43



48

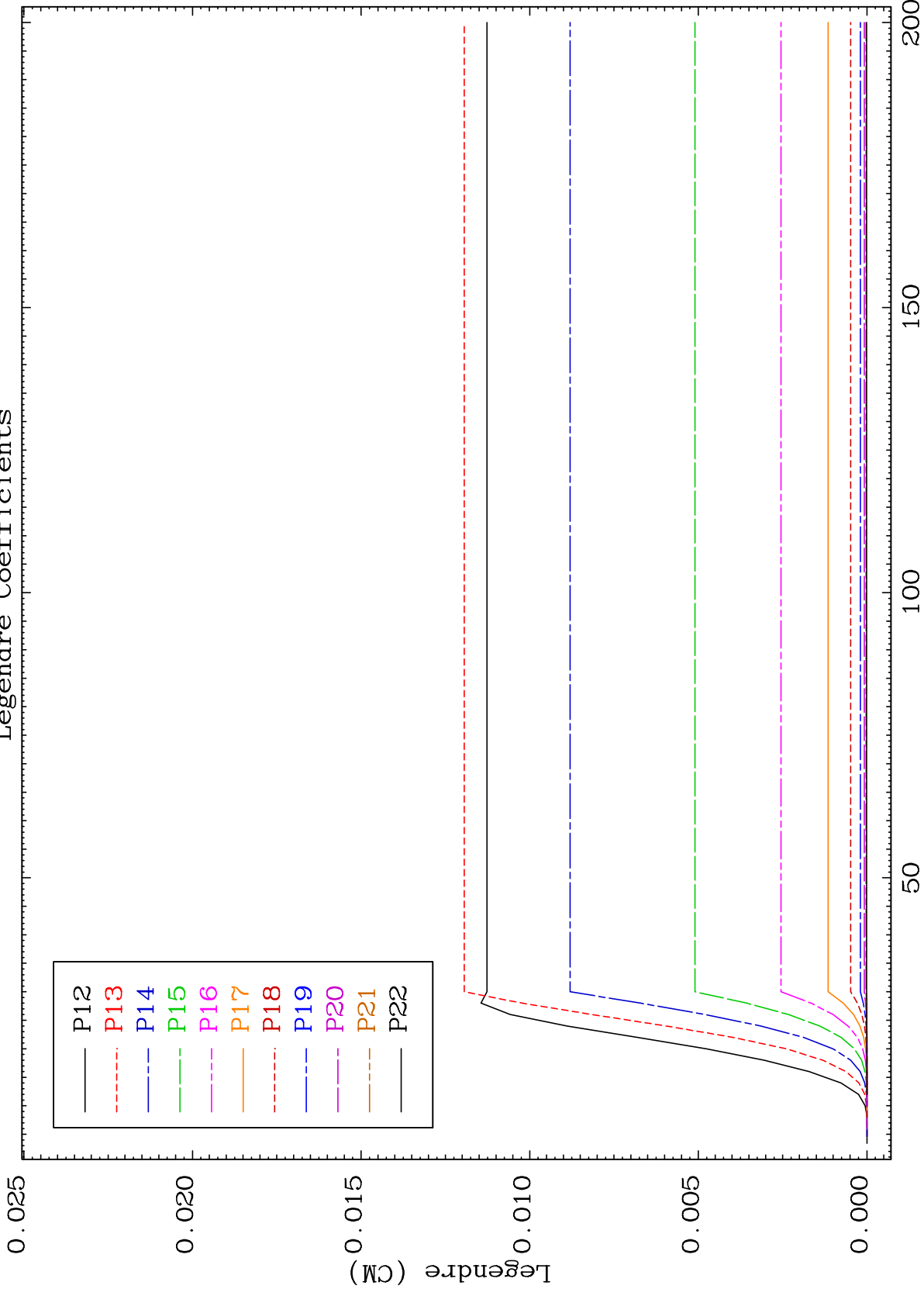
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



49

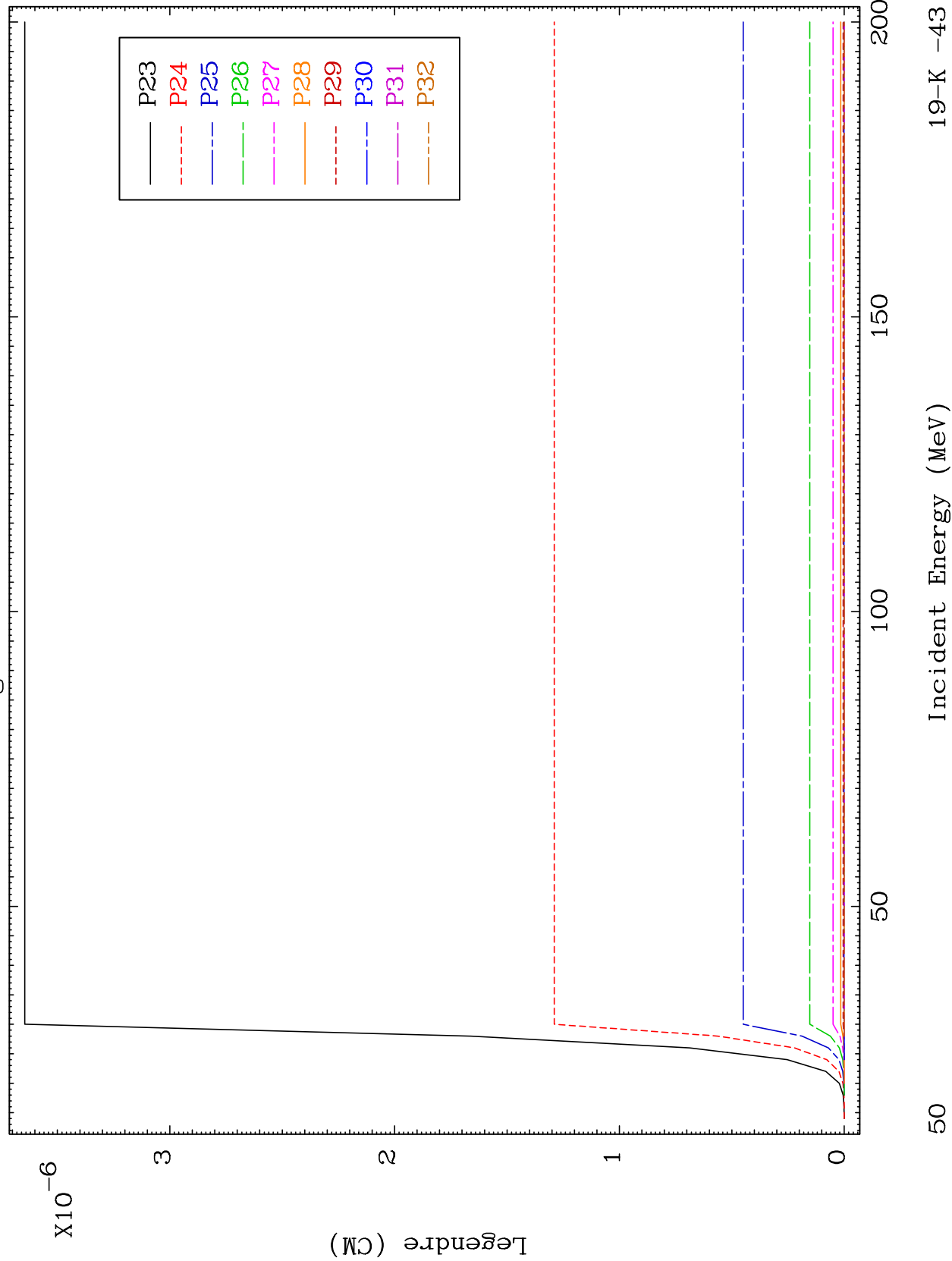
Incident Energy (MeV)

19-K -43

MAT 1937

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

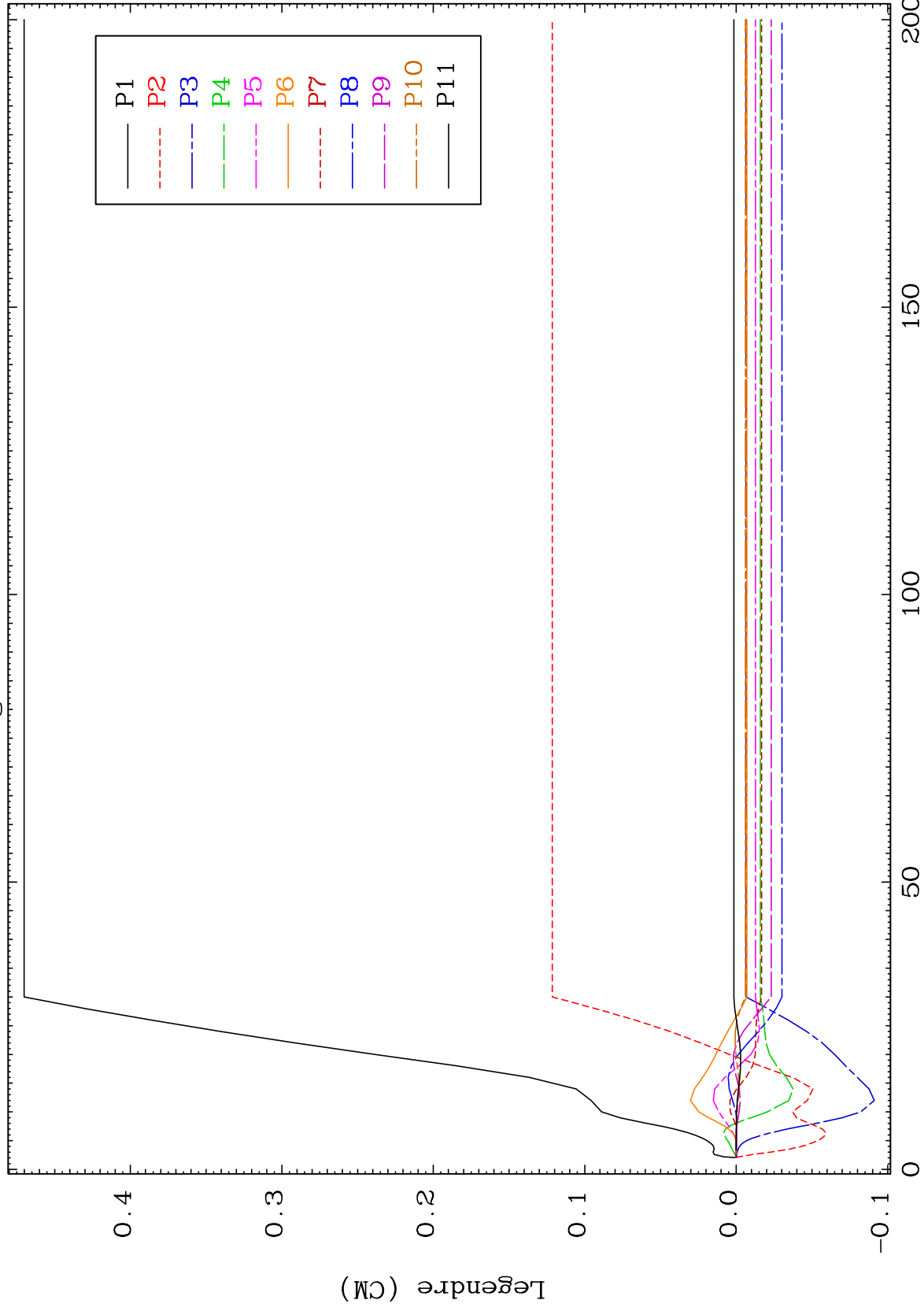
19-K -43



MAT 1937

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

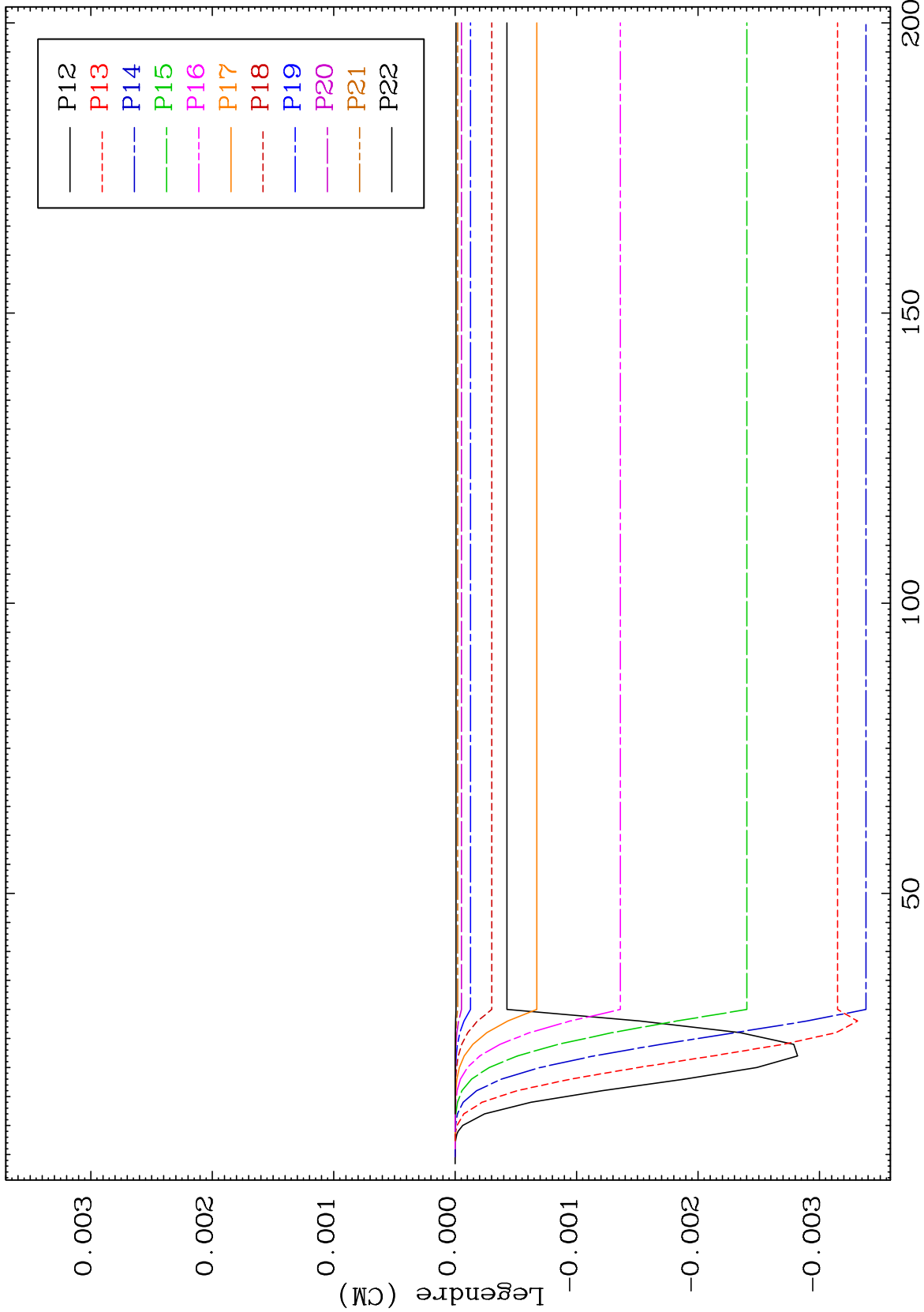
19-K -43

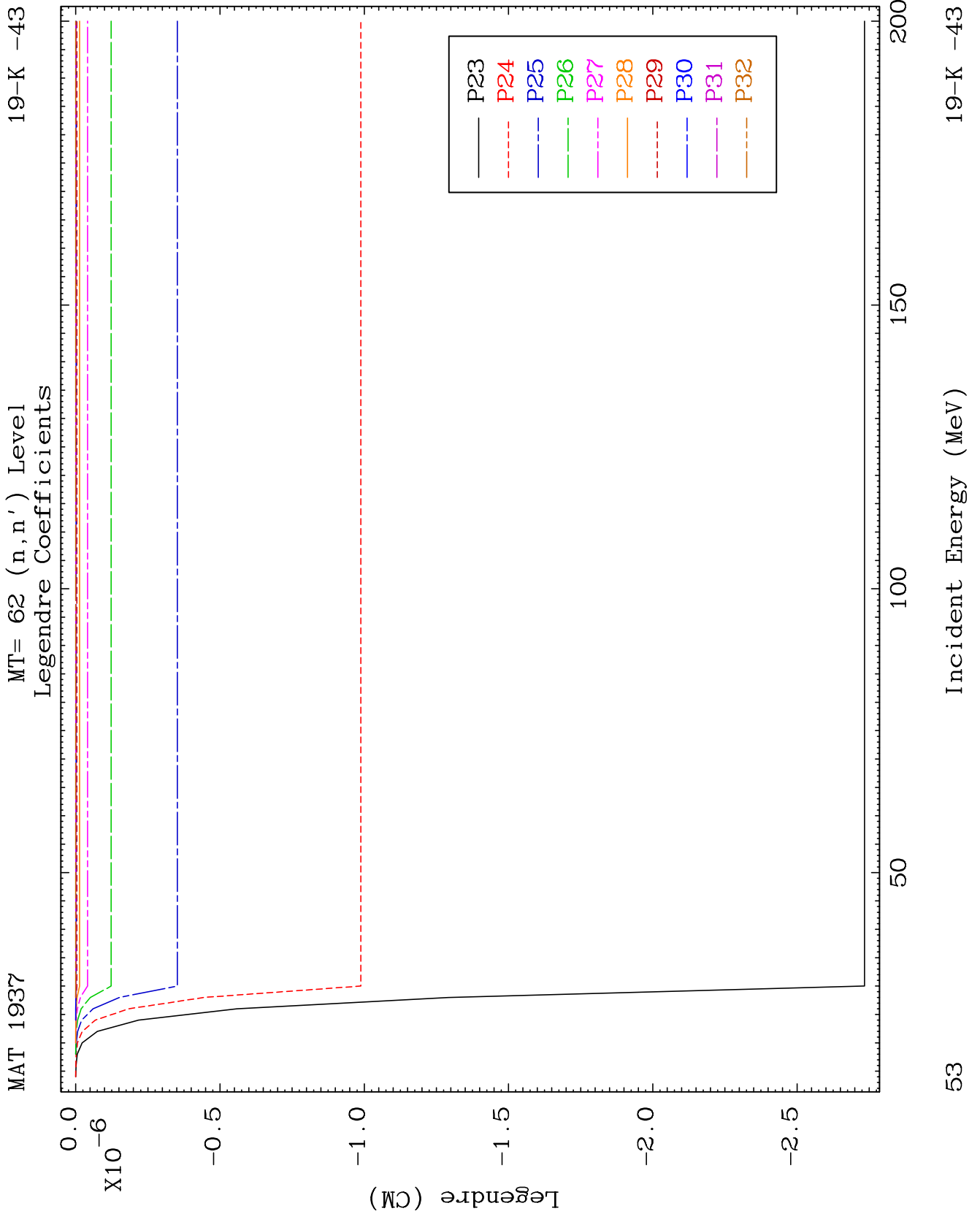


19-K -43

Incident Energy (MeV)

51

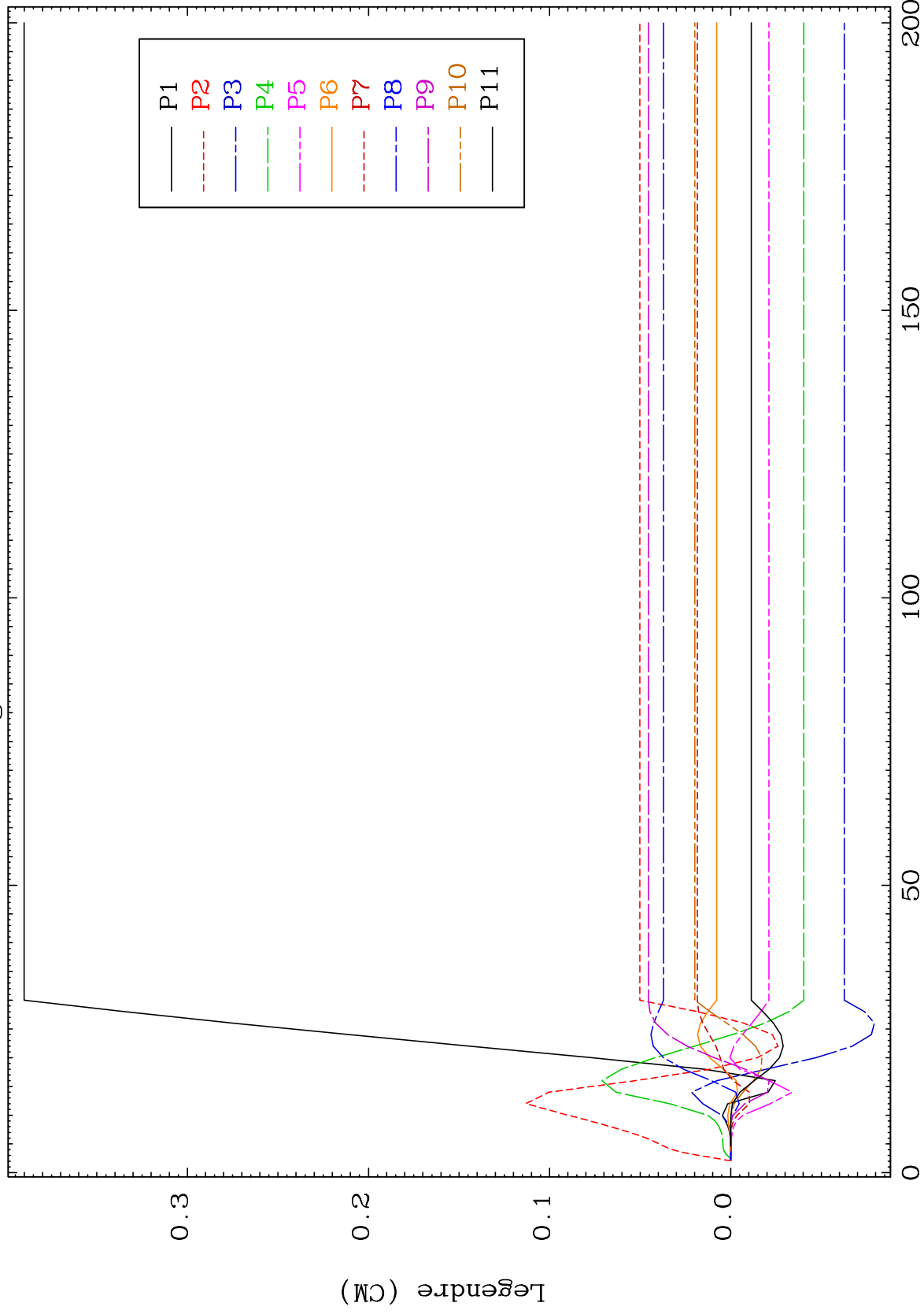




MAT 1937

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

19-K -43



54

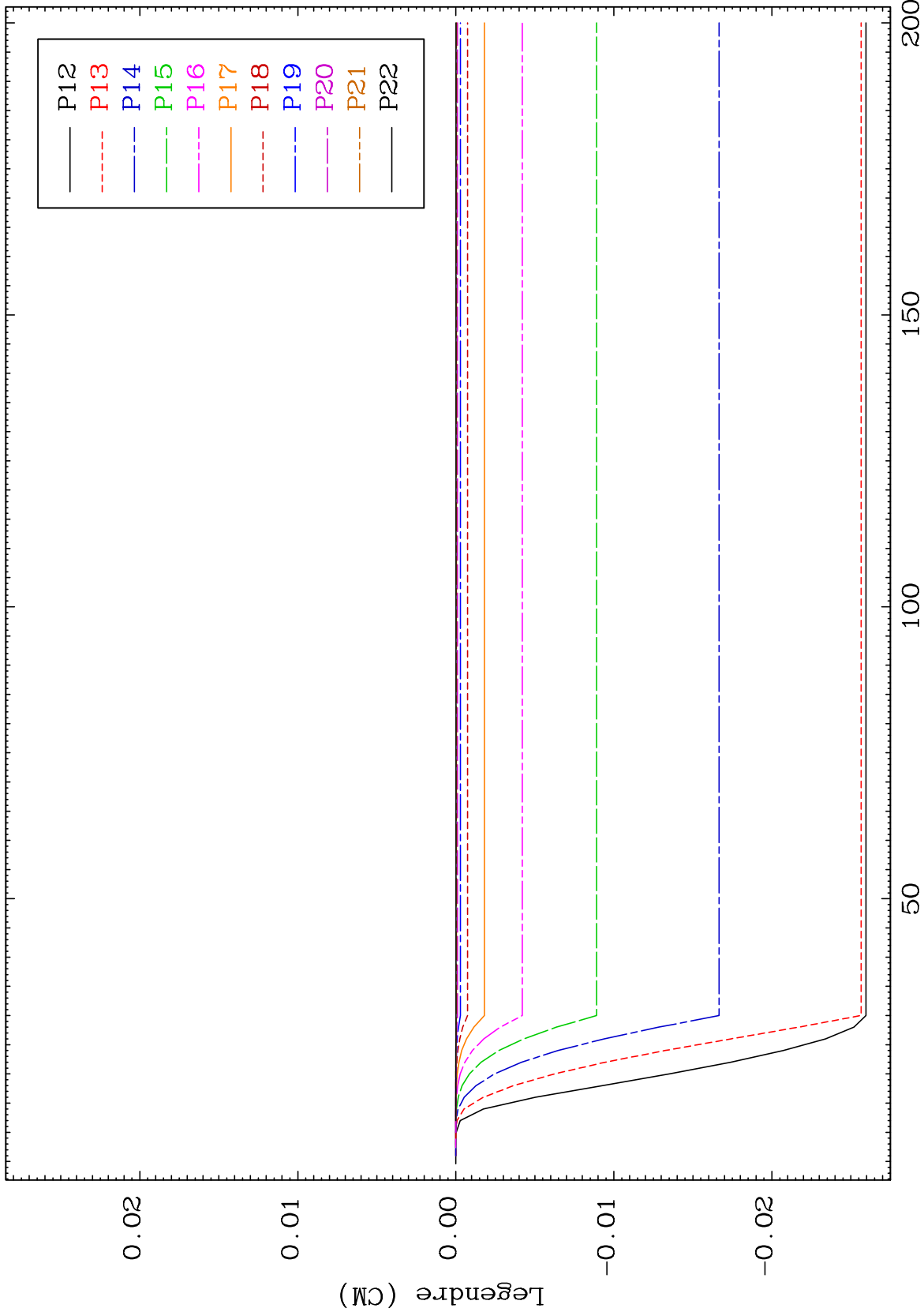
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43

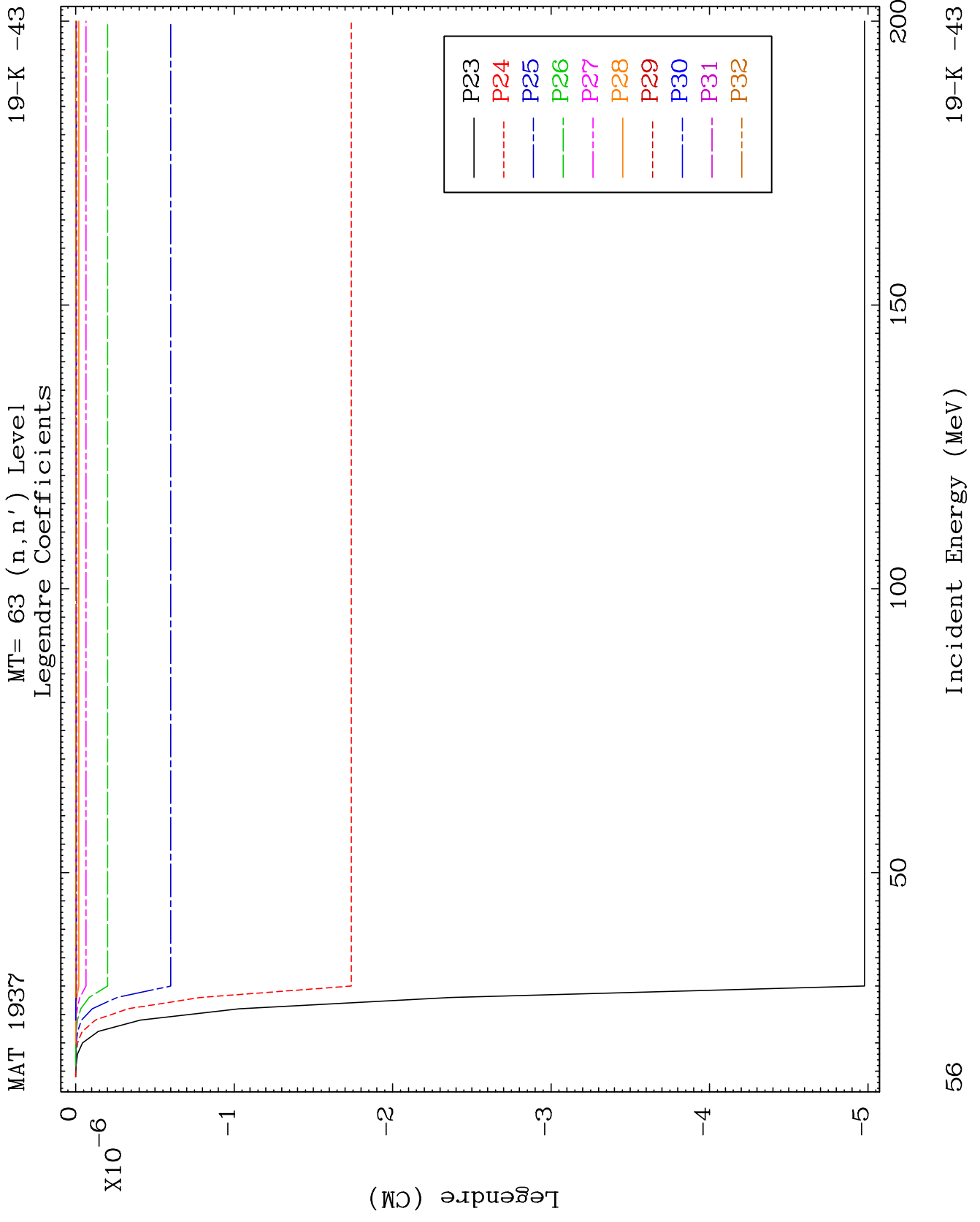


55

Incident Energy (MeV)

19-K -43

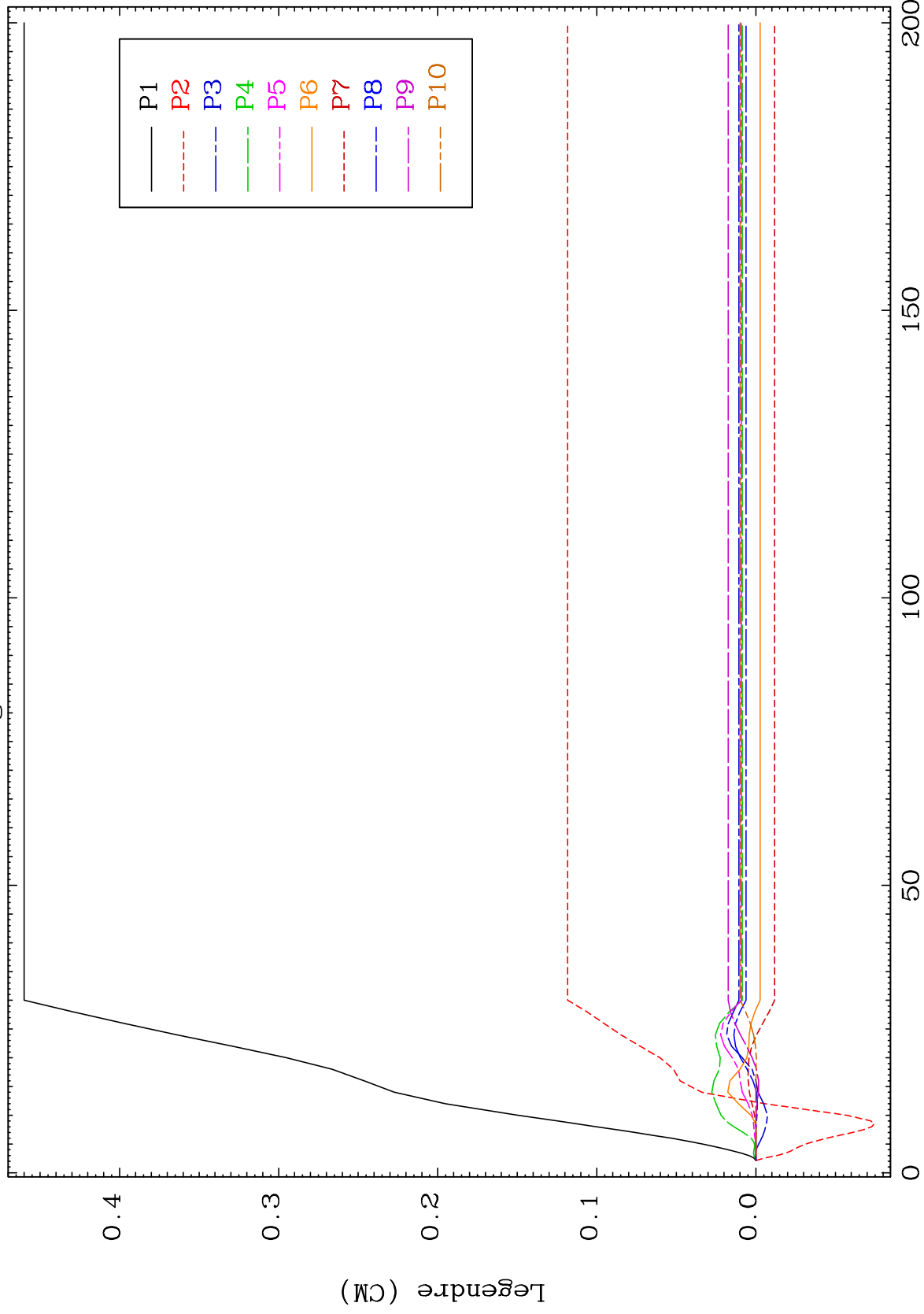




MAT 1937

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

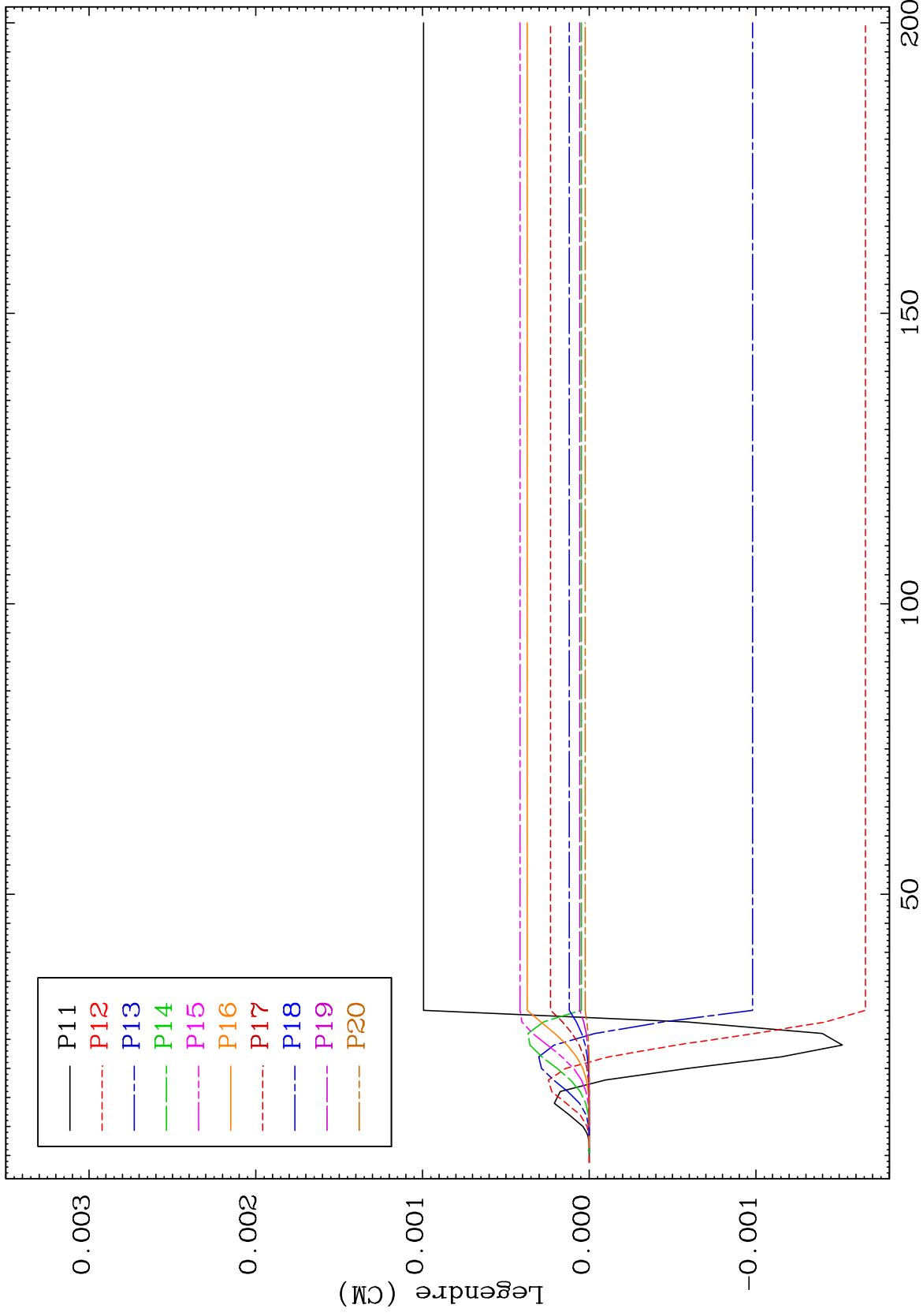
19-K -43



57

Incident Energy (MeV)

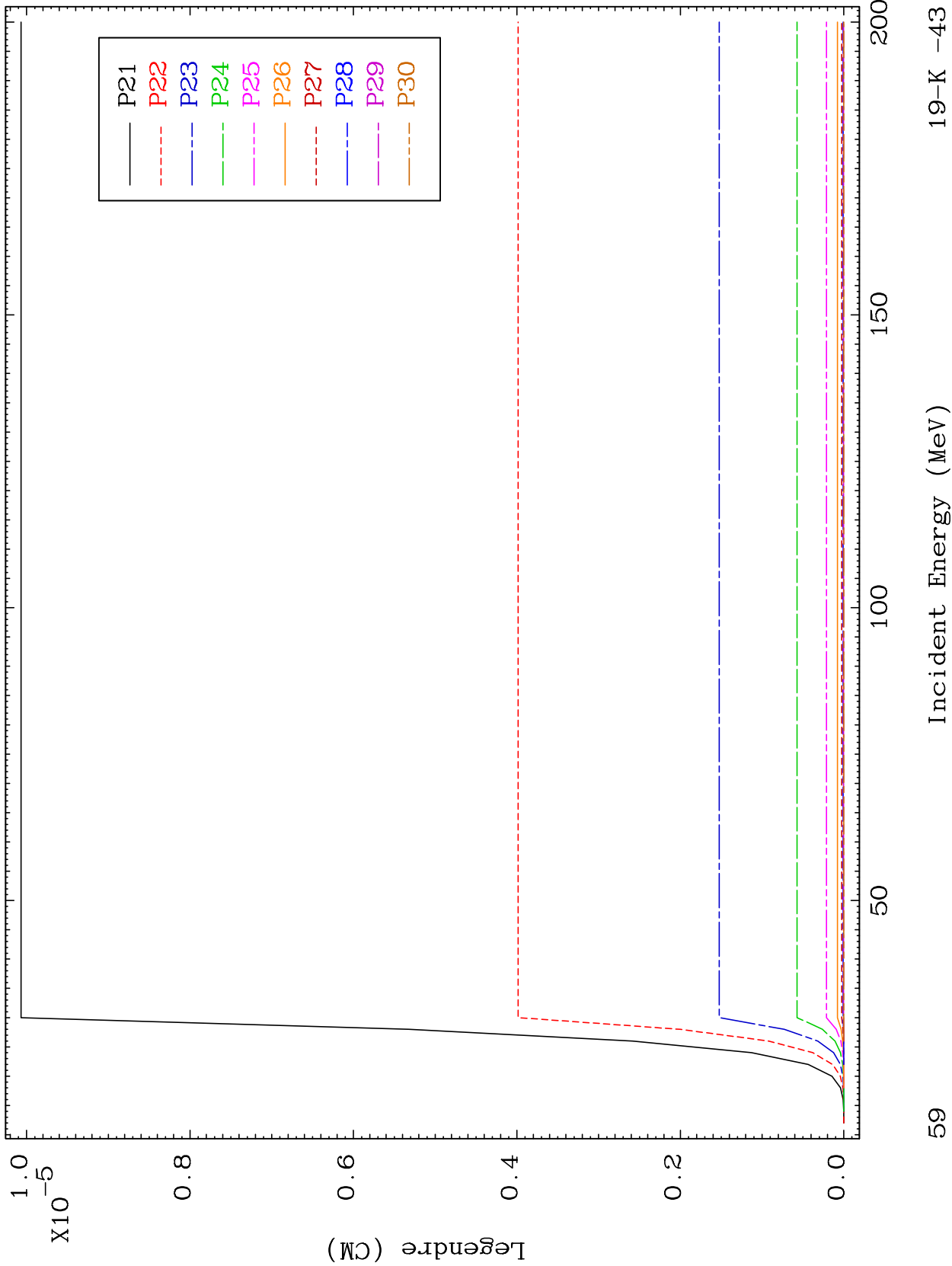
19-K -43



MAT 1937

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

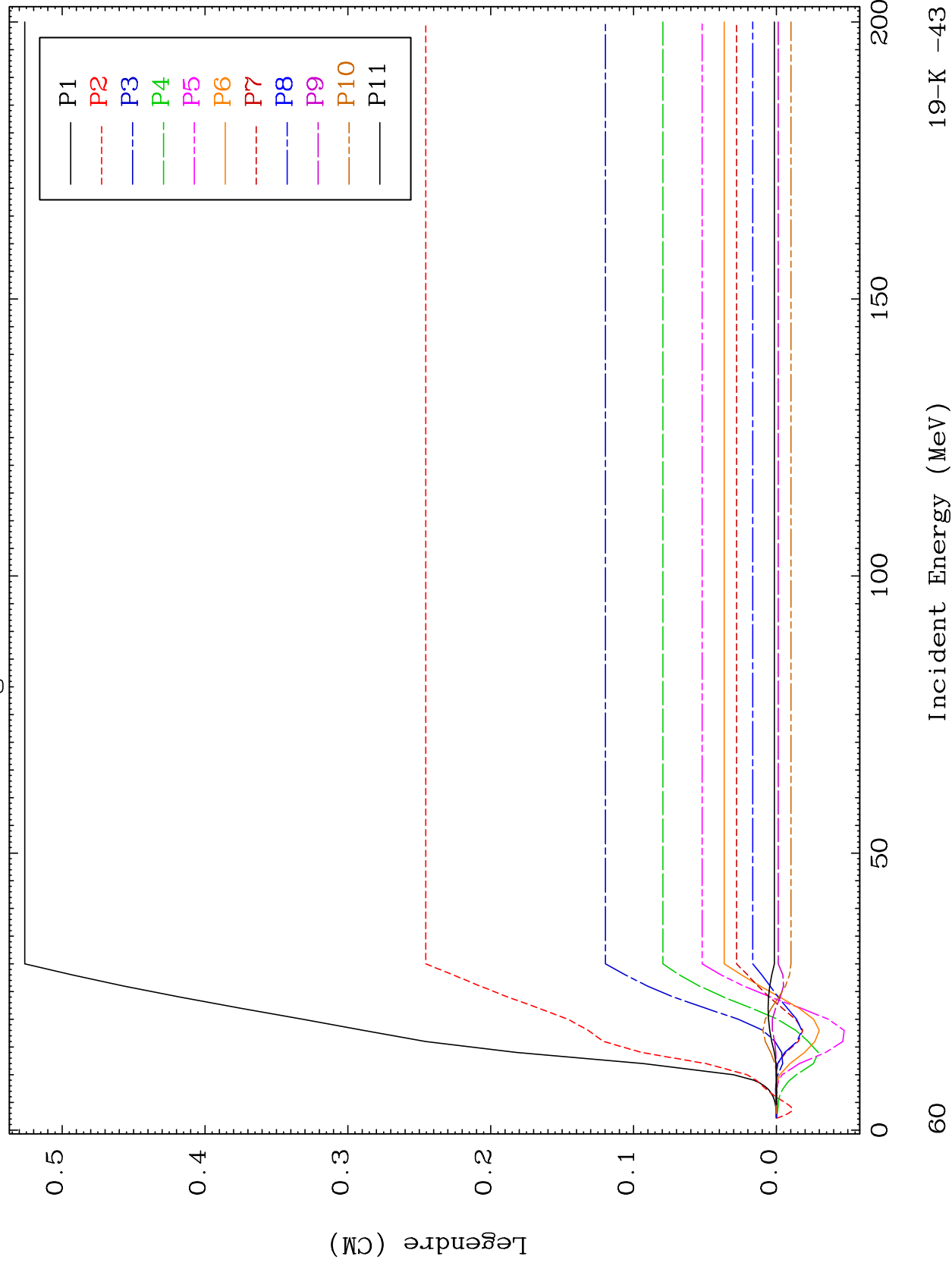
19-K -43



MAT 1937

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

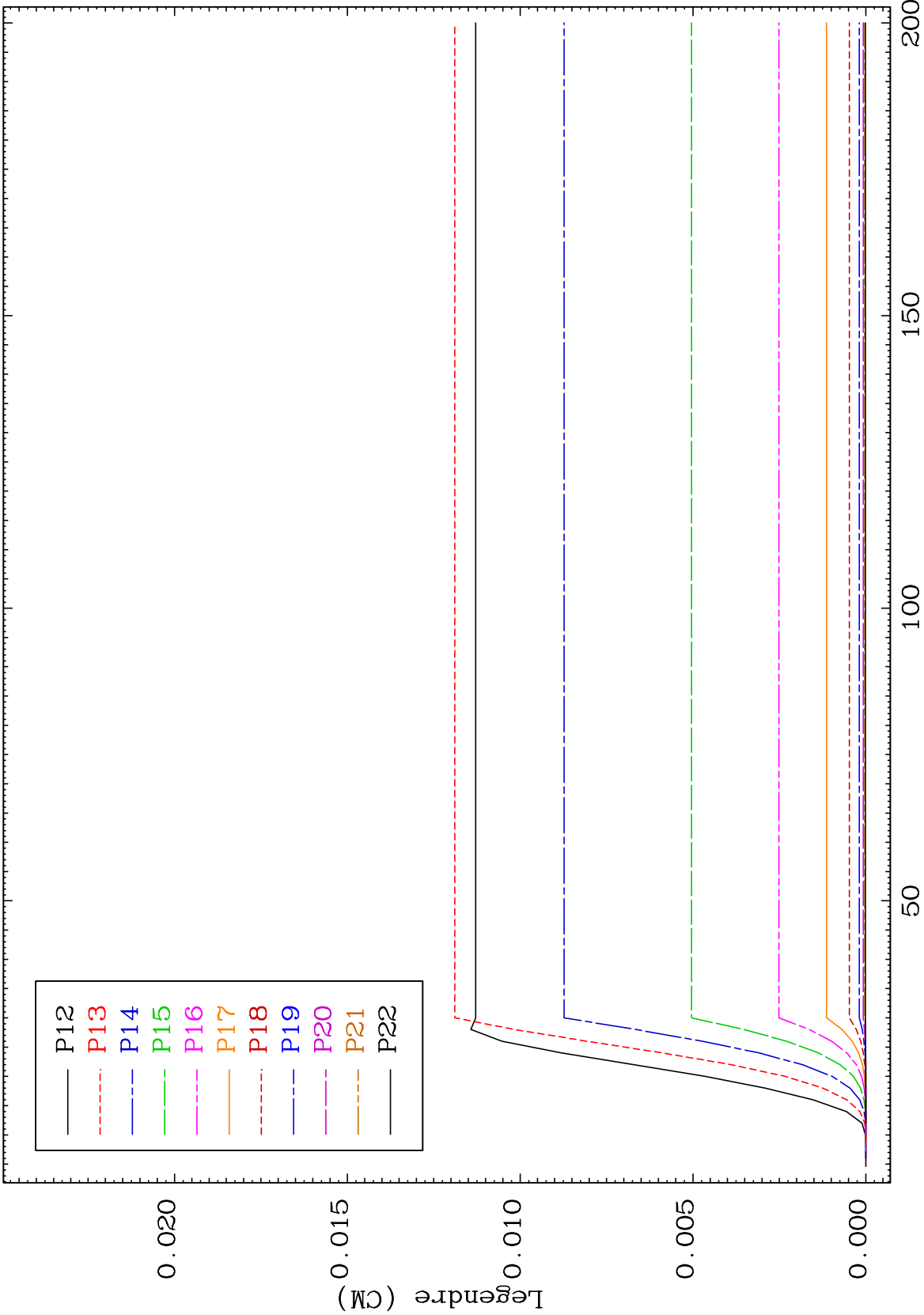
19-K -43



MAT 1937

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

19-K -43



61

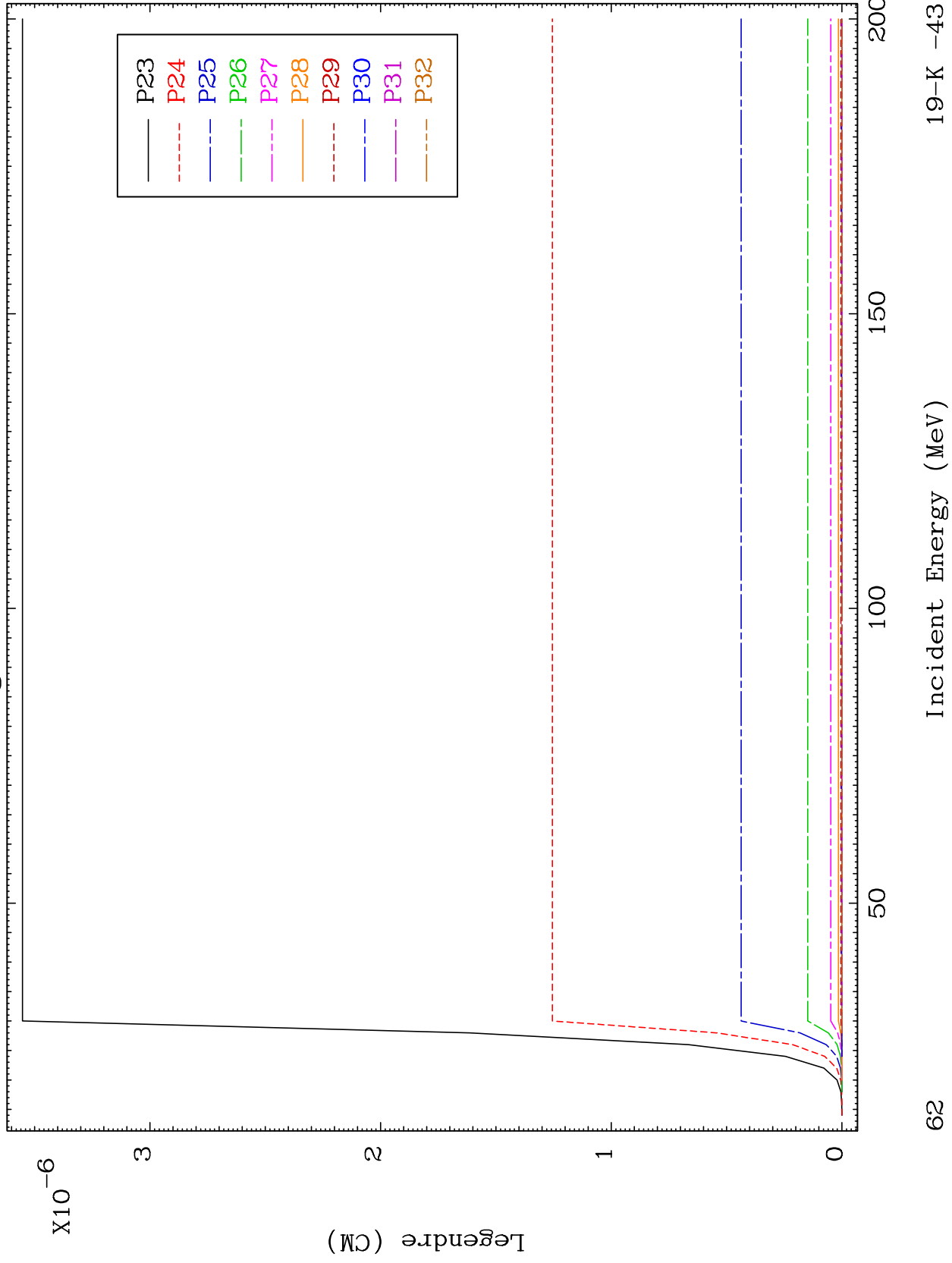
Incident Energy (MeV)

19-K -43

MAT 1937

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

19-K -43



Radionuclide Production Cross Section

