

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](mailto:redcullen1@comcast.net)

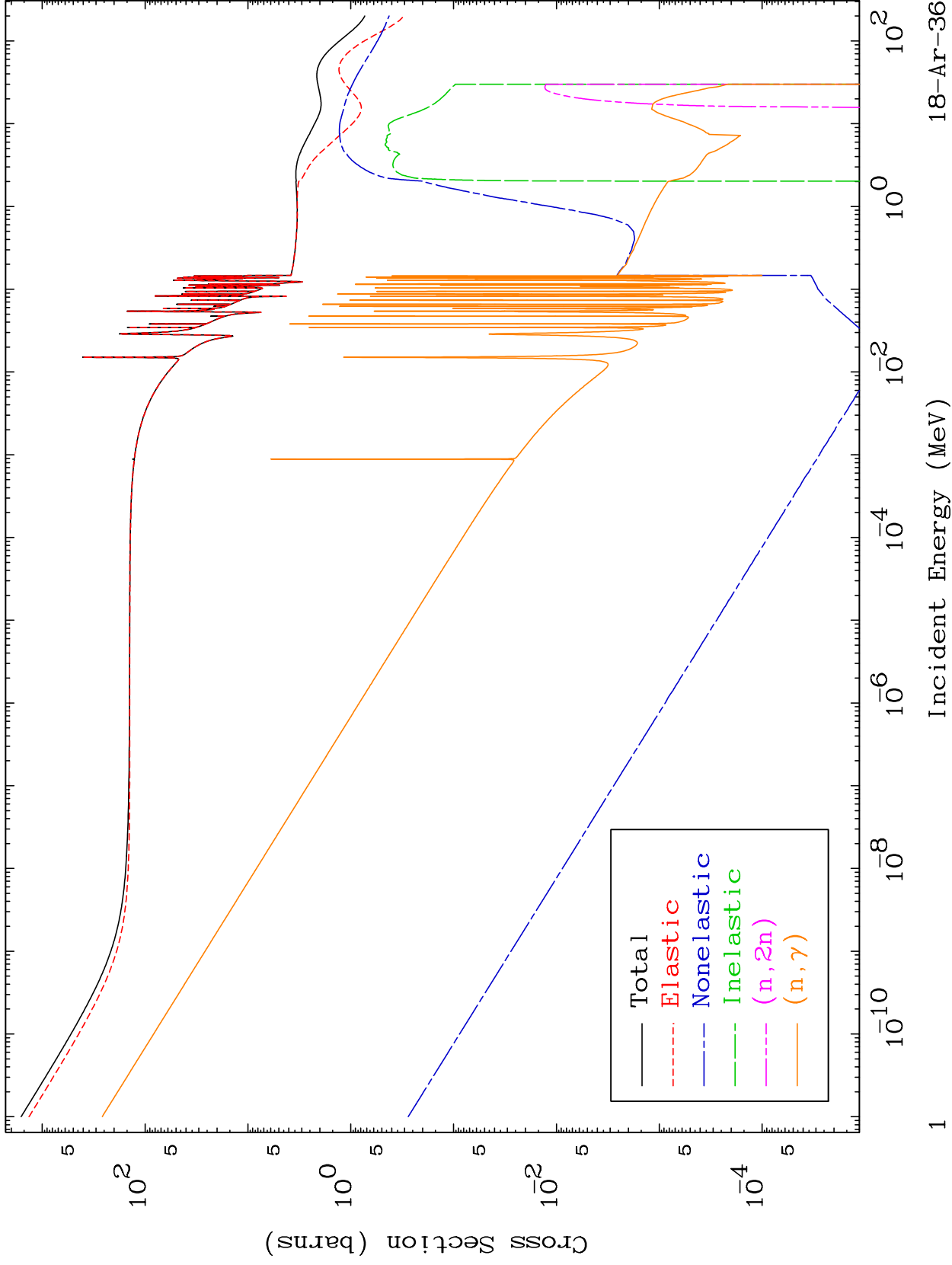
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

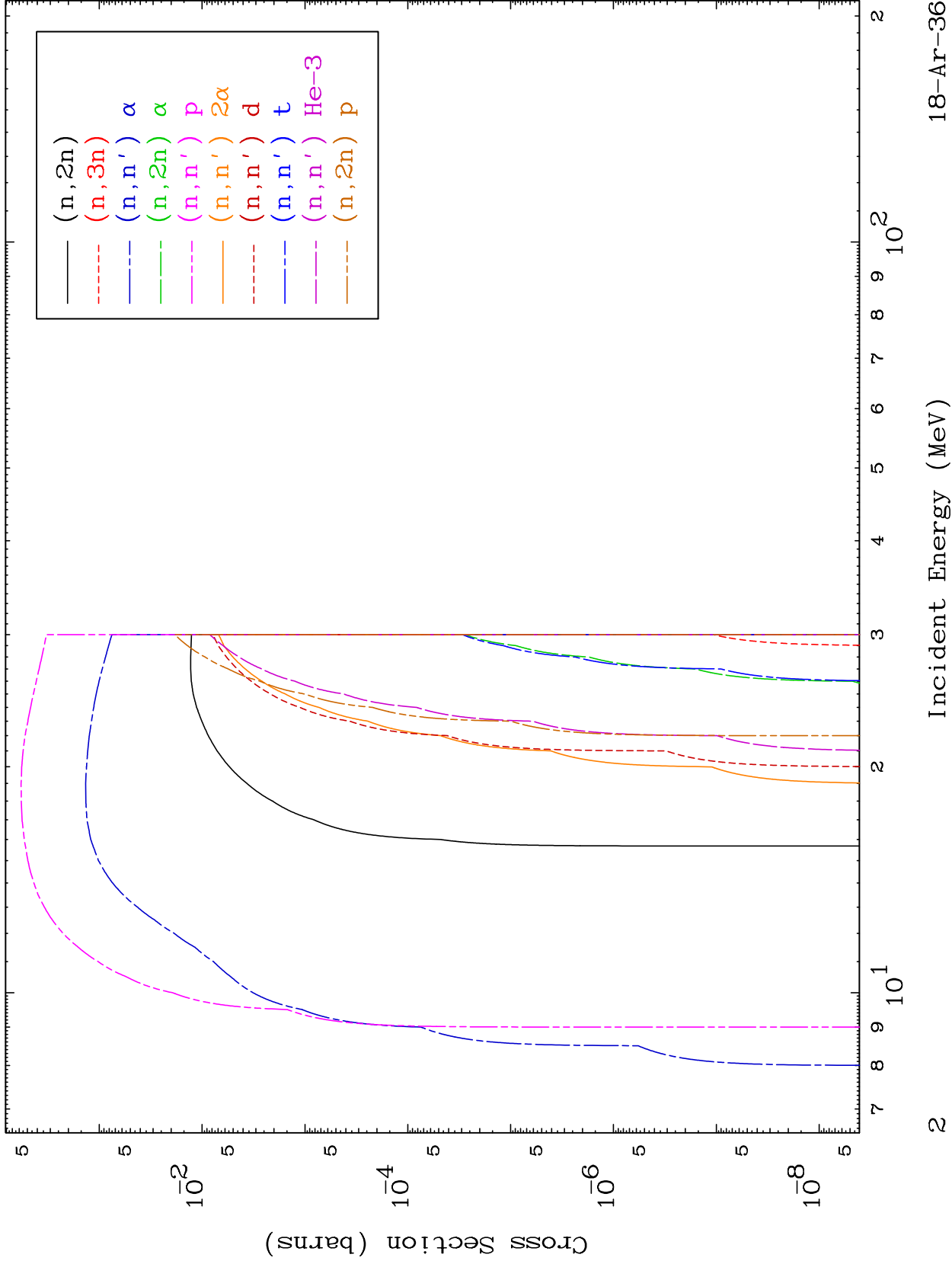
Press Mouse Button to Start

MAT 1825

Neutron Major  
293 Kelvin Cross Sections

18-Ar-36

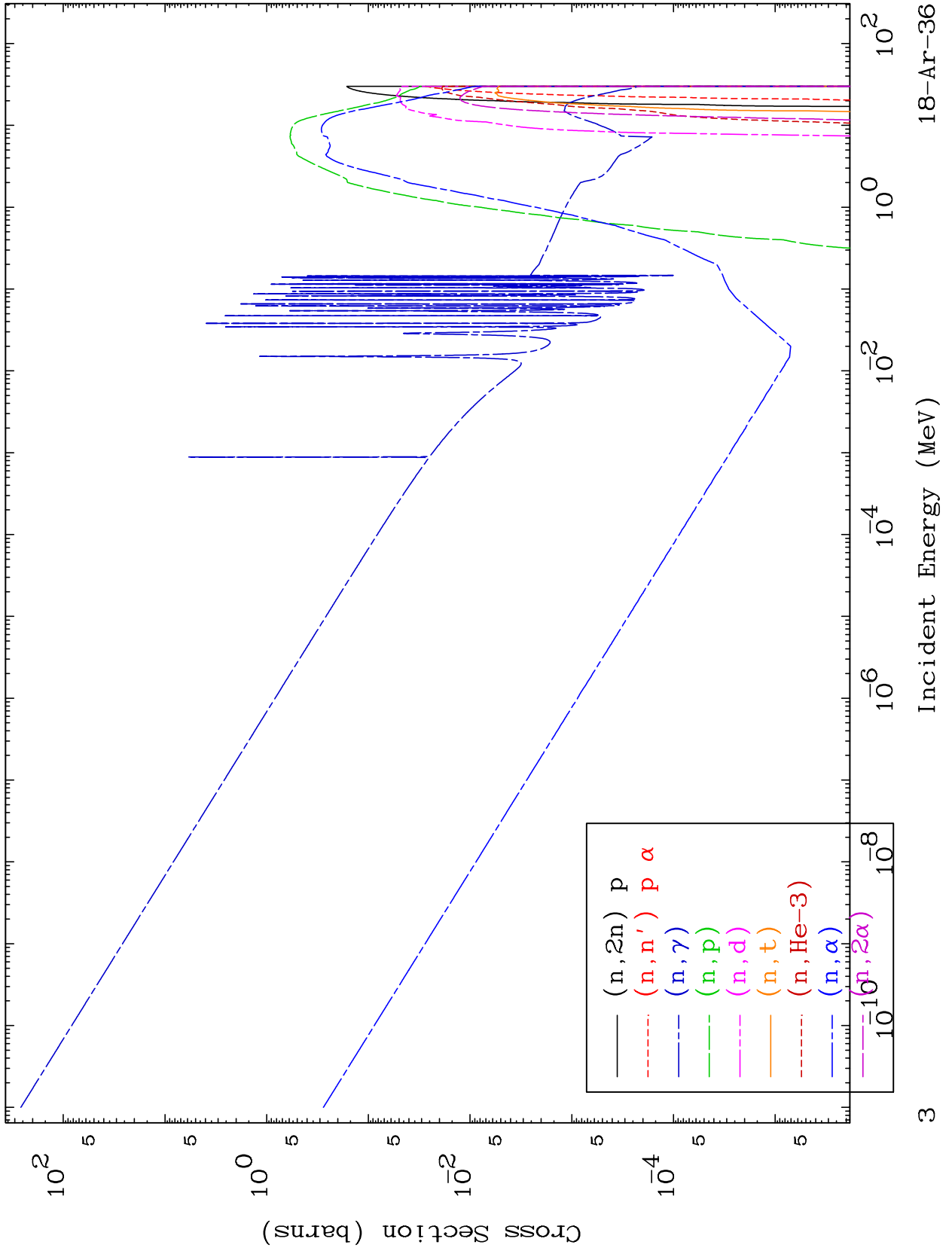




MAT 1825

Neutron Absorption  
293 Kelvin Cross Sections

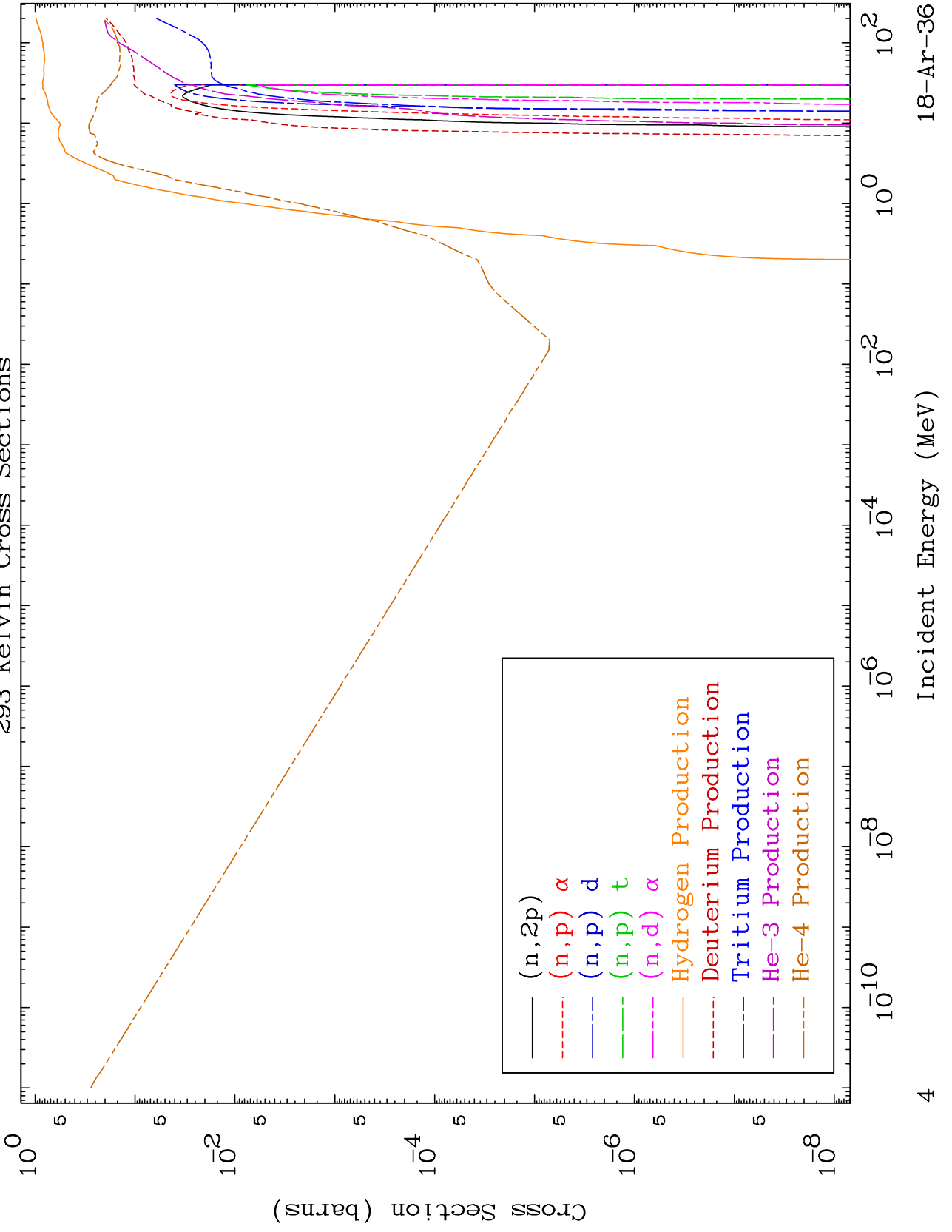
18-Ar-36



MAT 1825

Neutron Absorption  
293 Kelvin Cross Sections

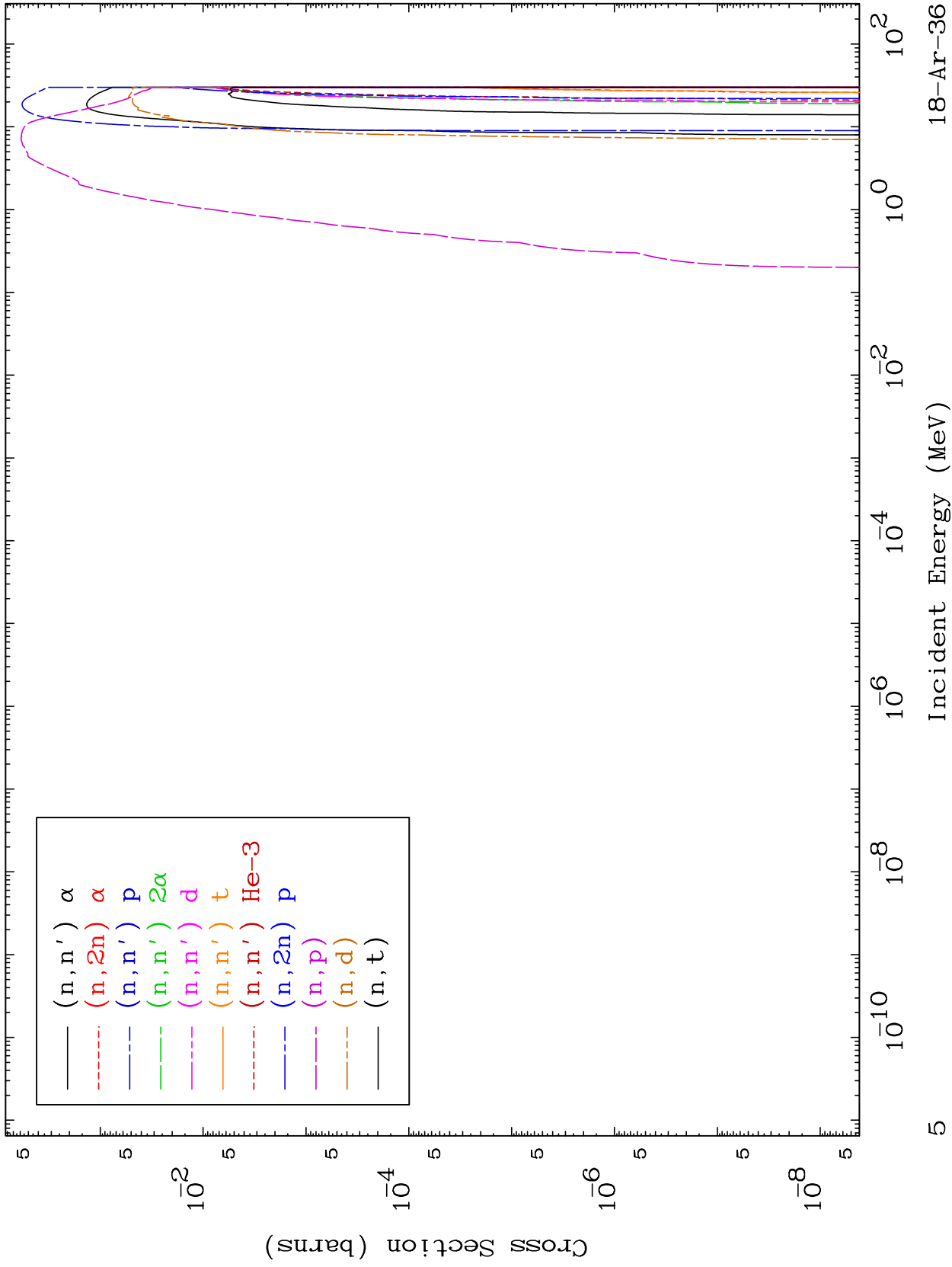
18-Ar-36



MAT 1825

Charged Particle  
293 Kelvin Cross Sections

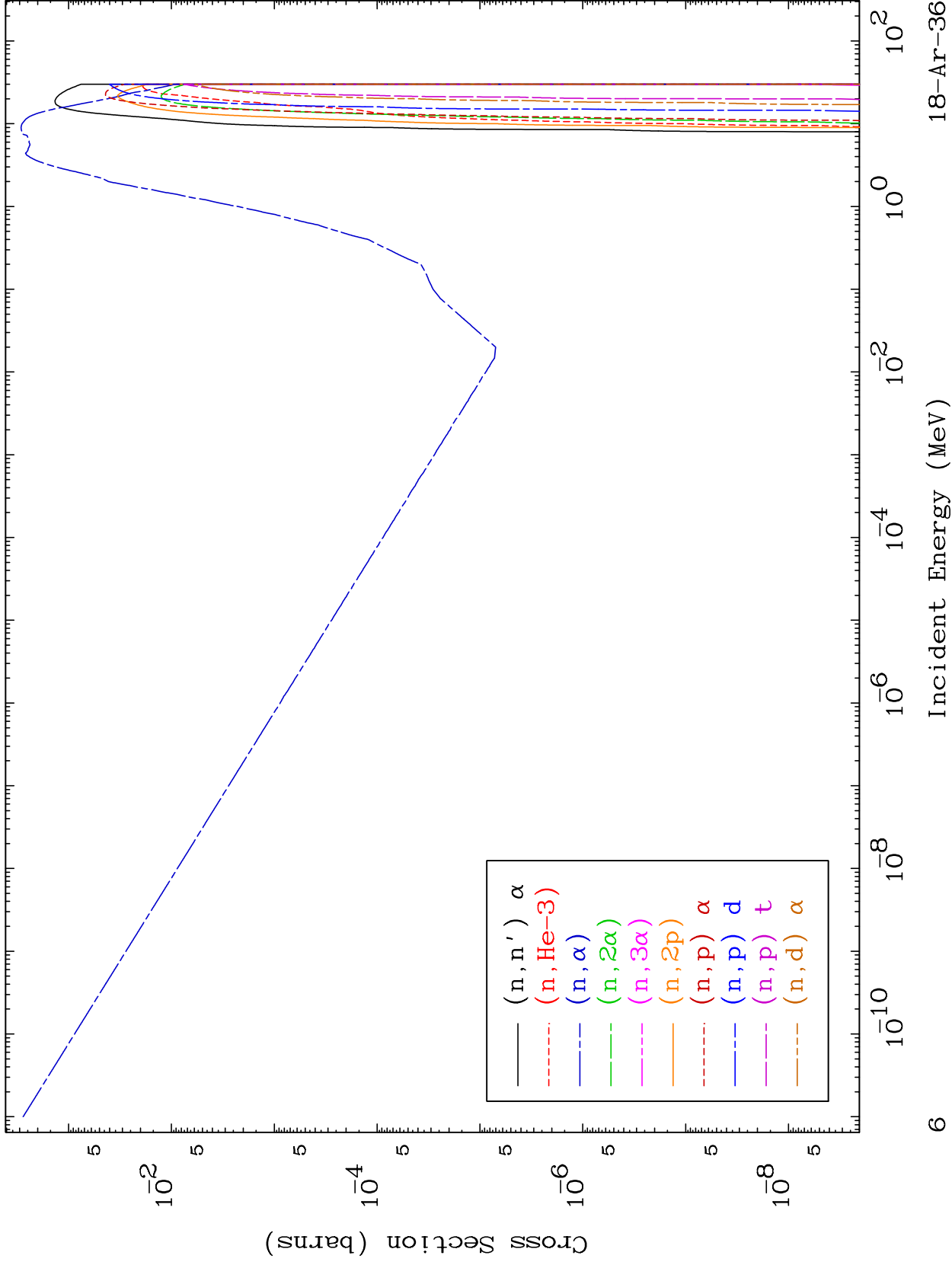
18-Ar-36



MAT 1825

Charged Particle  
293 Kelvin Cross Sections

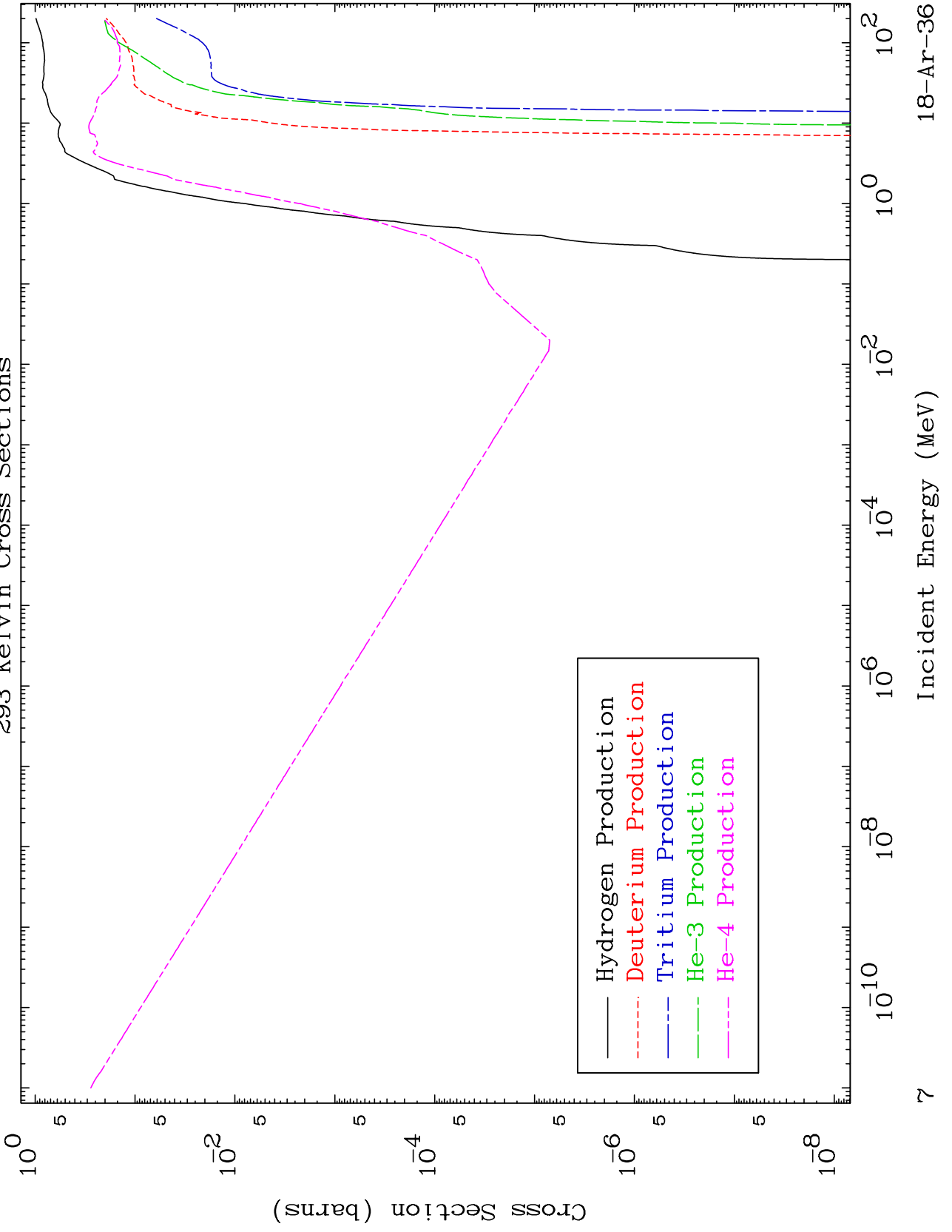
18-Ar-36



MAT 1825

Particle Production  
293 Kelvin Cross Sections

18-Ar-36

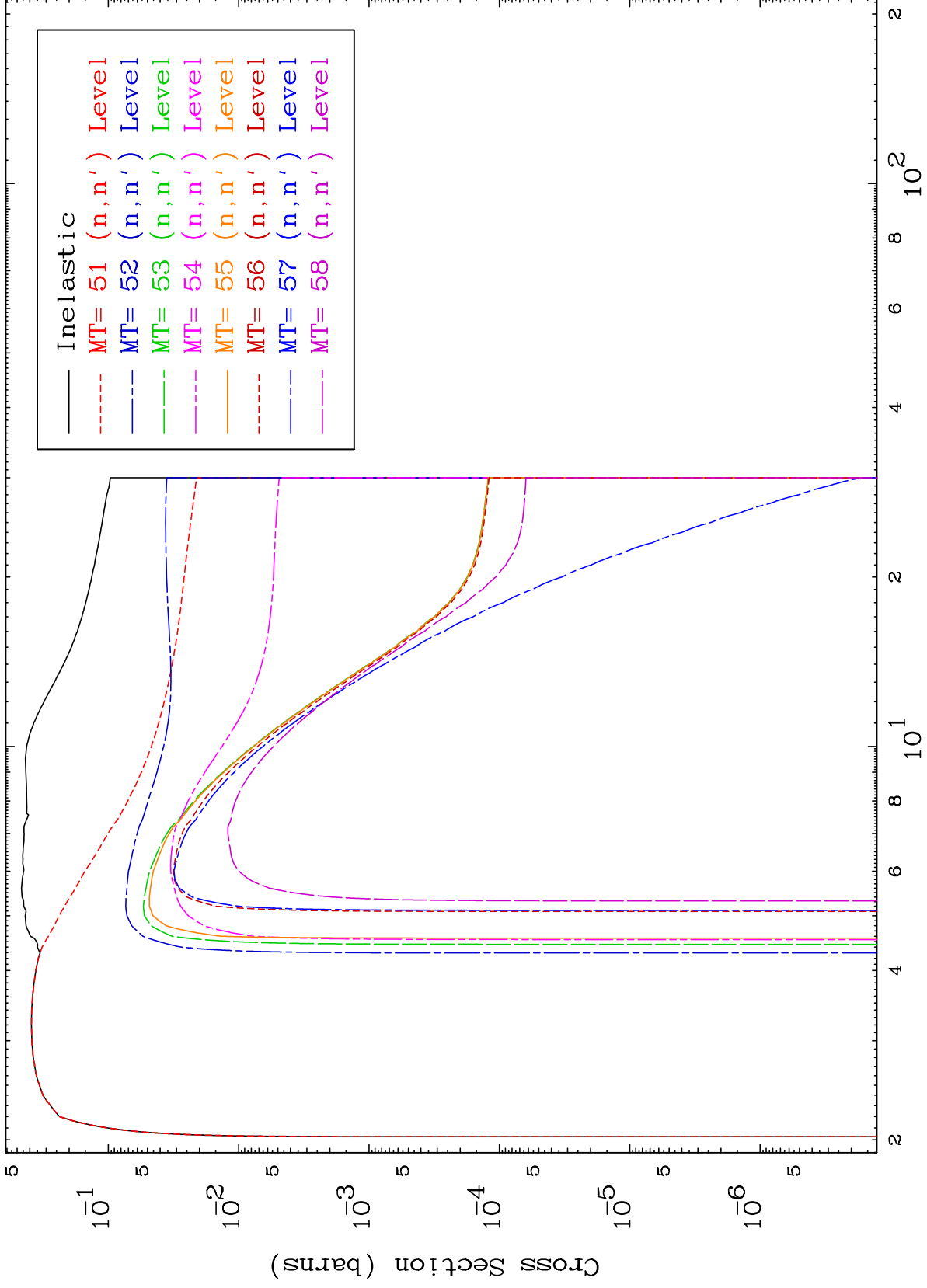


MAT 1825

(n,n') Levels

18-Ar-36

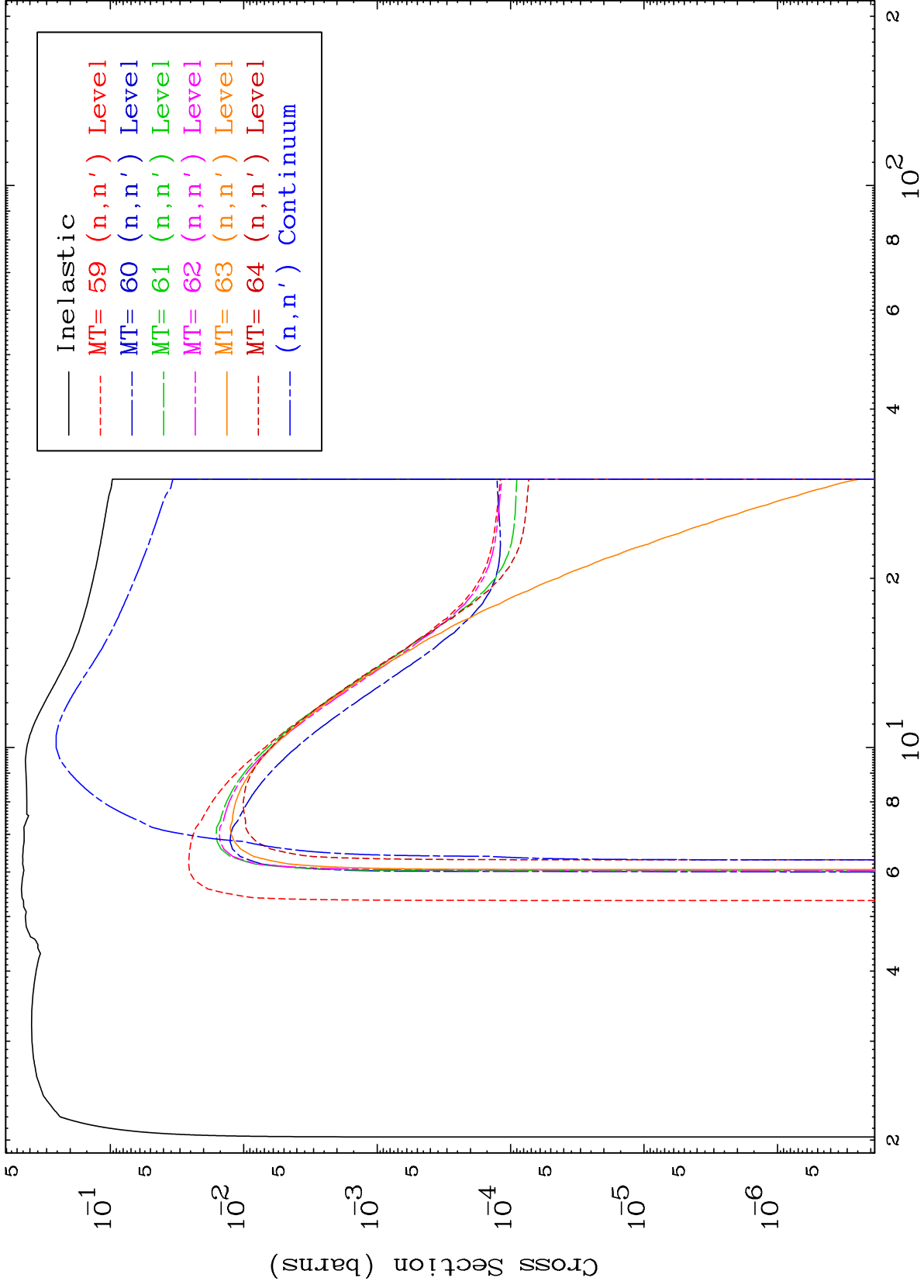
293 Kelvin Cross Sections



8

Incident Energy (MeV)

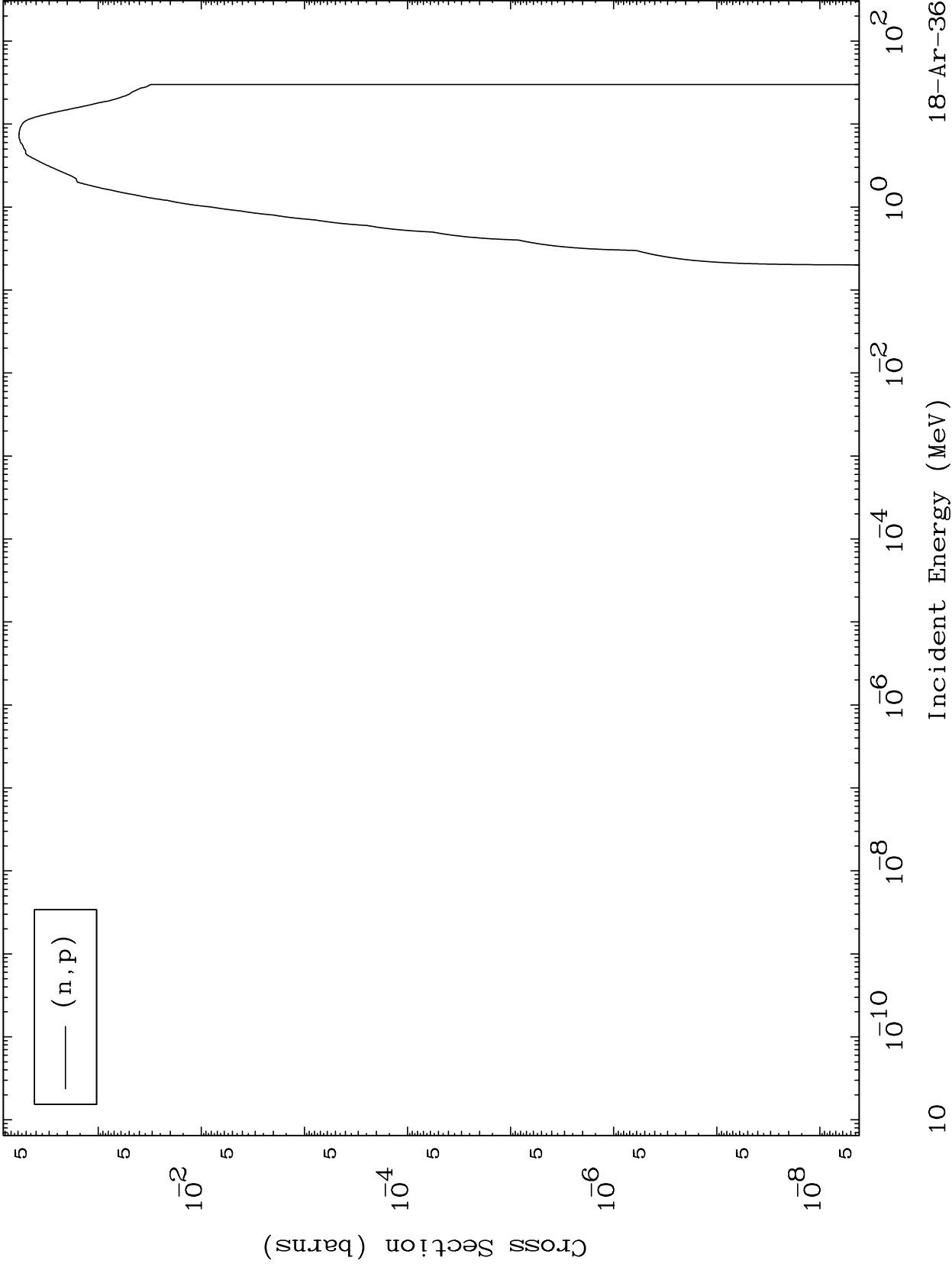
18-Ar-36



MAT 1825

(n,p) Levels  
293 Kelvin Cross Sections

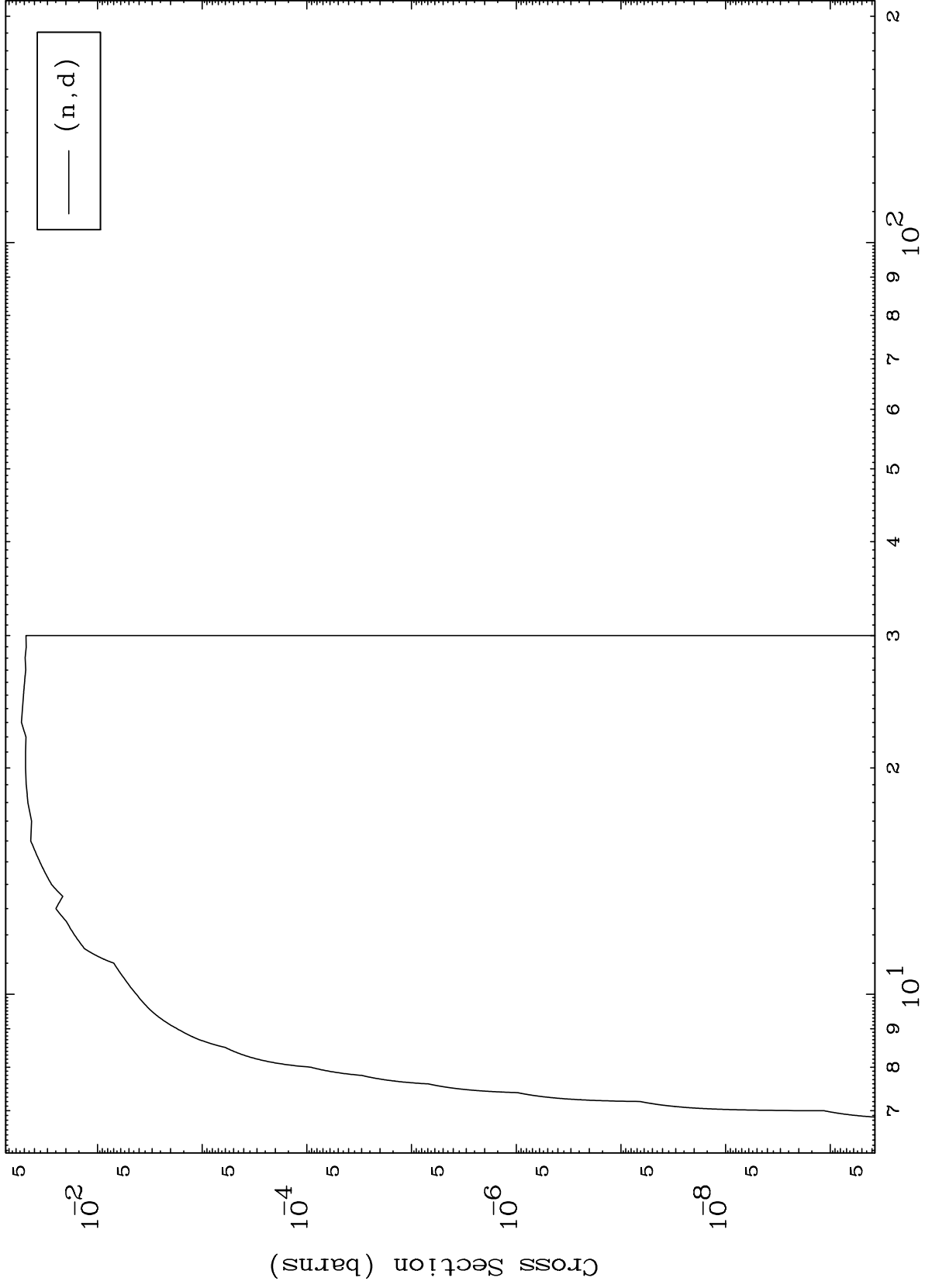
18-Ar-36



MAT 1825

(n,d) Levels  
293 Kelvin Cross Sections

18-Ar-36



11

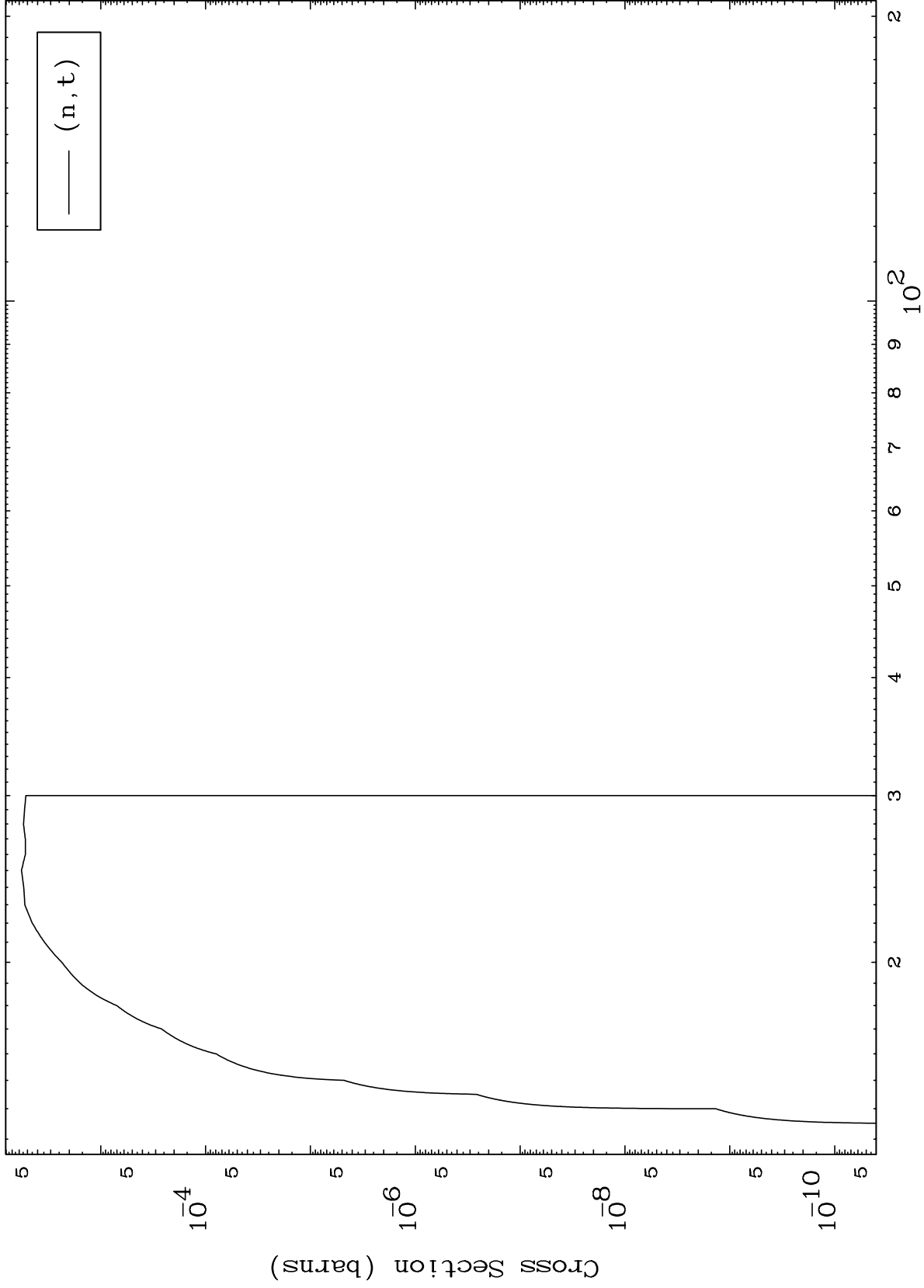
Incident Energy (MeV)

18-Ar-36

MAT 1825

(n,t) Levels  
293 Kelvin Cross Sections

18-Ar-36



12

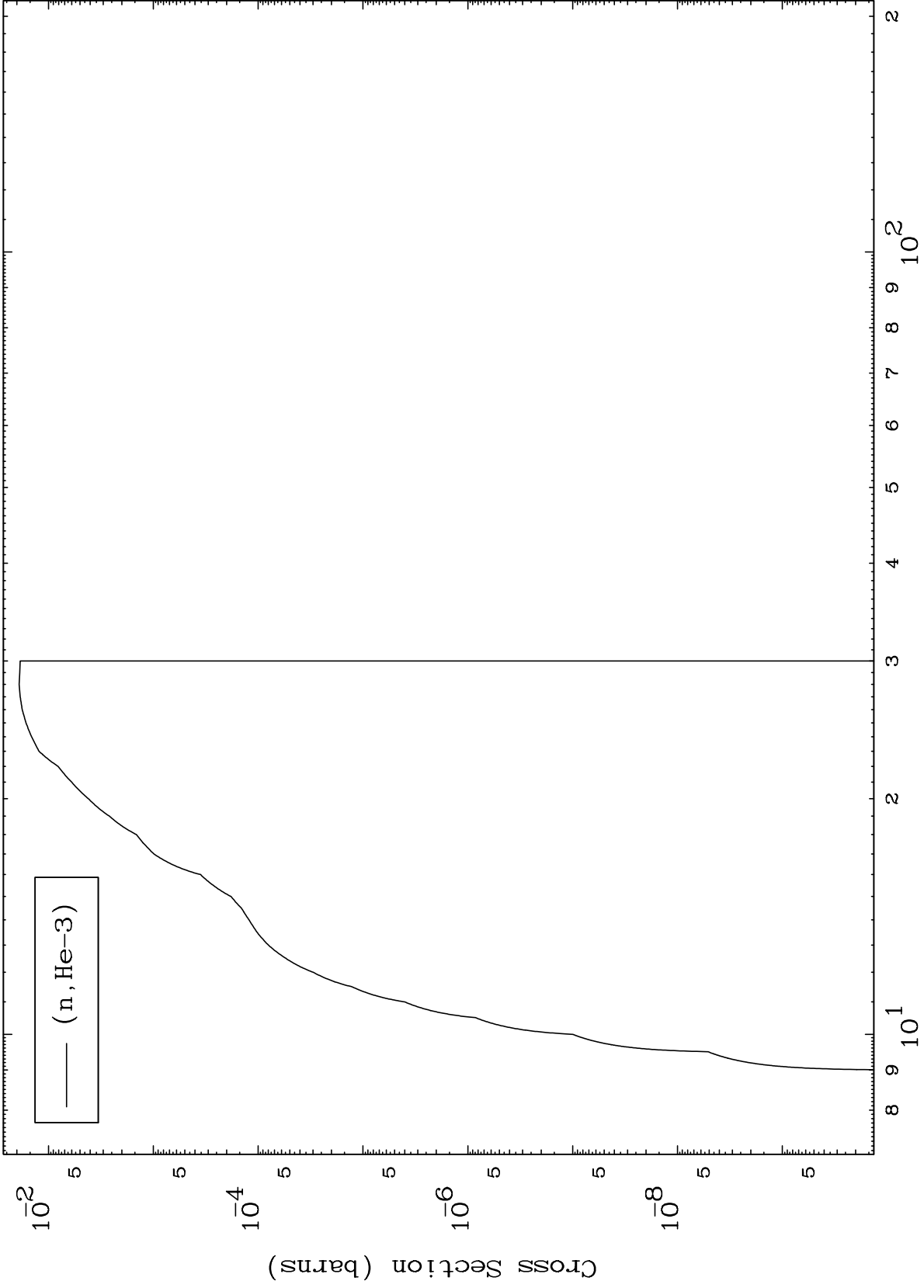
Incident Energy (MeV)

18-Ar-36

MAT 1825

(n,He3) Levels  
293 Kelvin Cross Sections

18-Ar-36



13

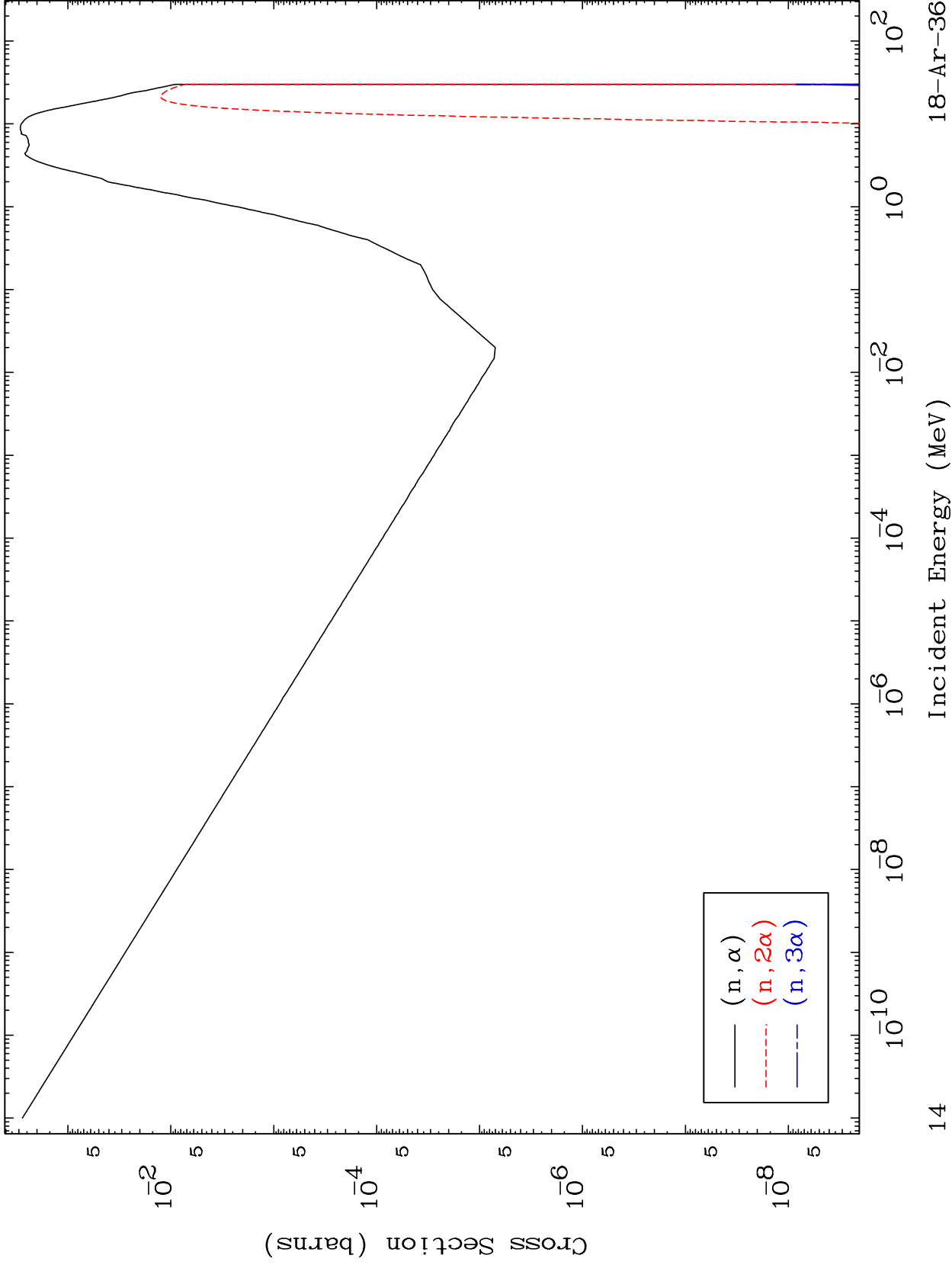
Incident Energy (MeV)

18-Ar-36

MAT 1825

(n,α) Levels  
293 Kelvin Cross Sections

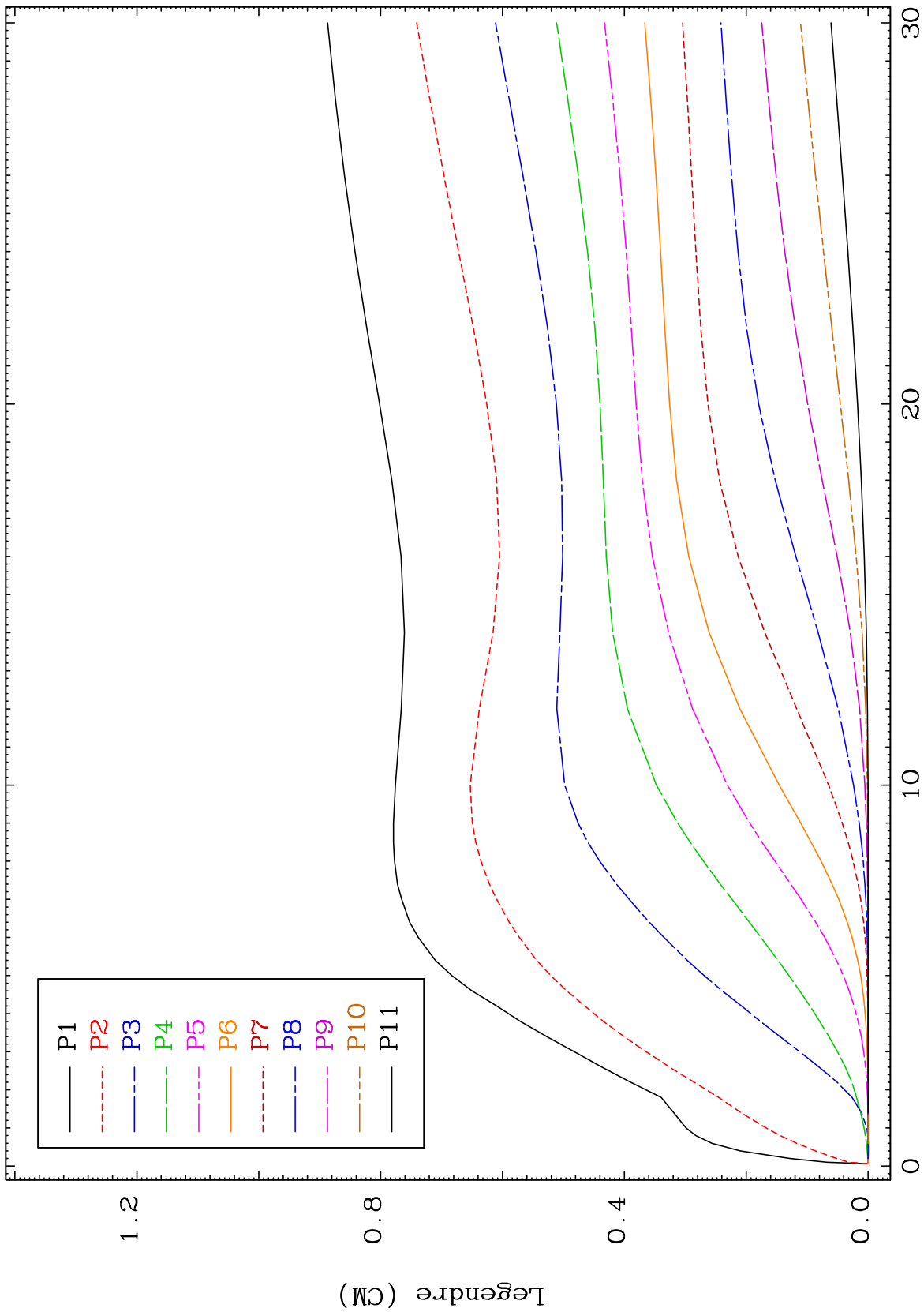
18-Ar-36



MAT 1825

Elastic Legendre Coefficients

18-Ar-36

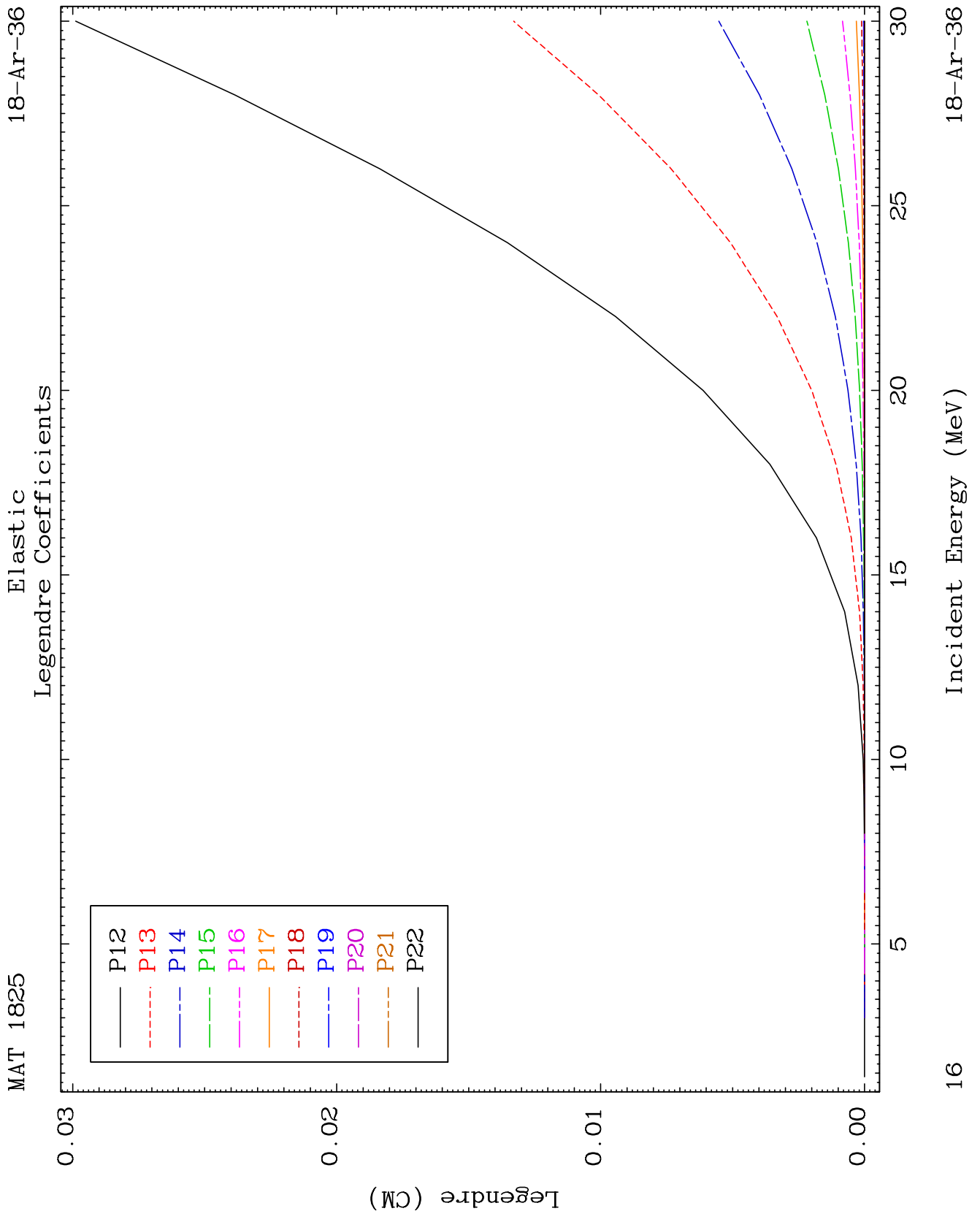


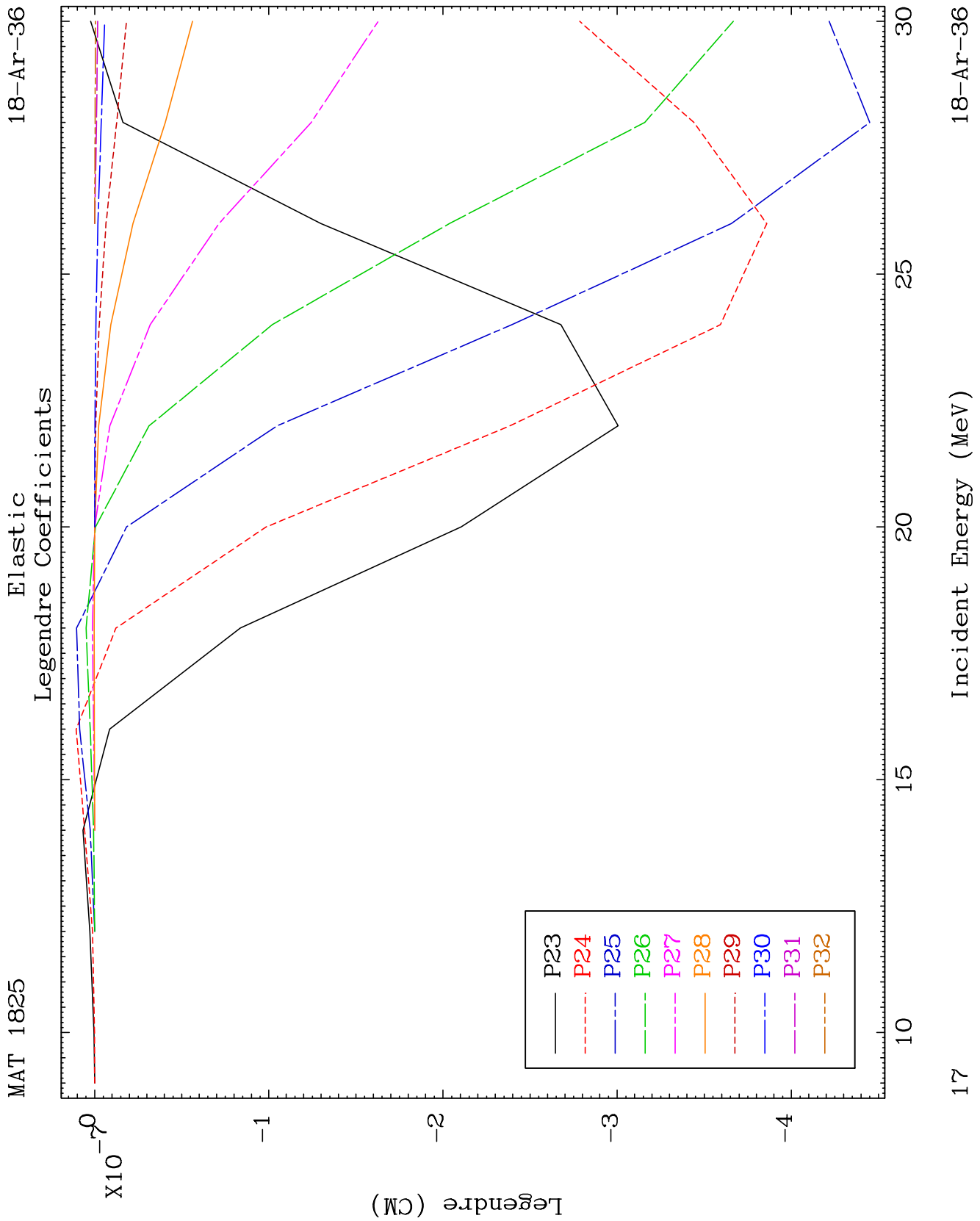
15

Incident Energy (MeV)

18-Ar-36

30

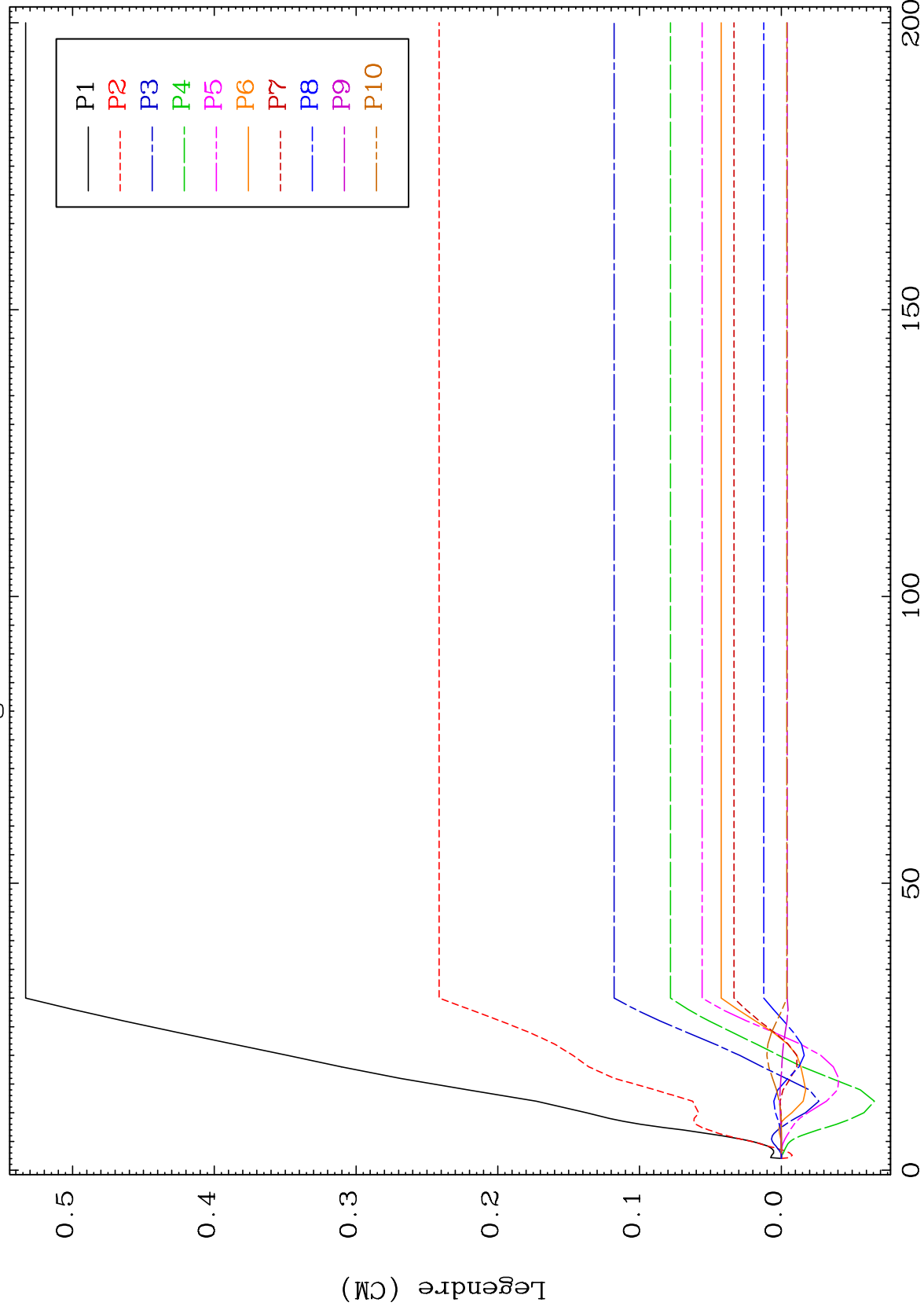




MAT 1825

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

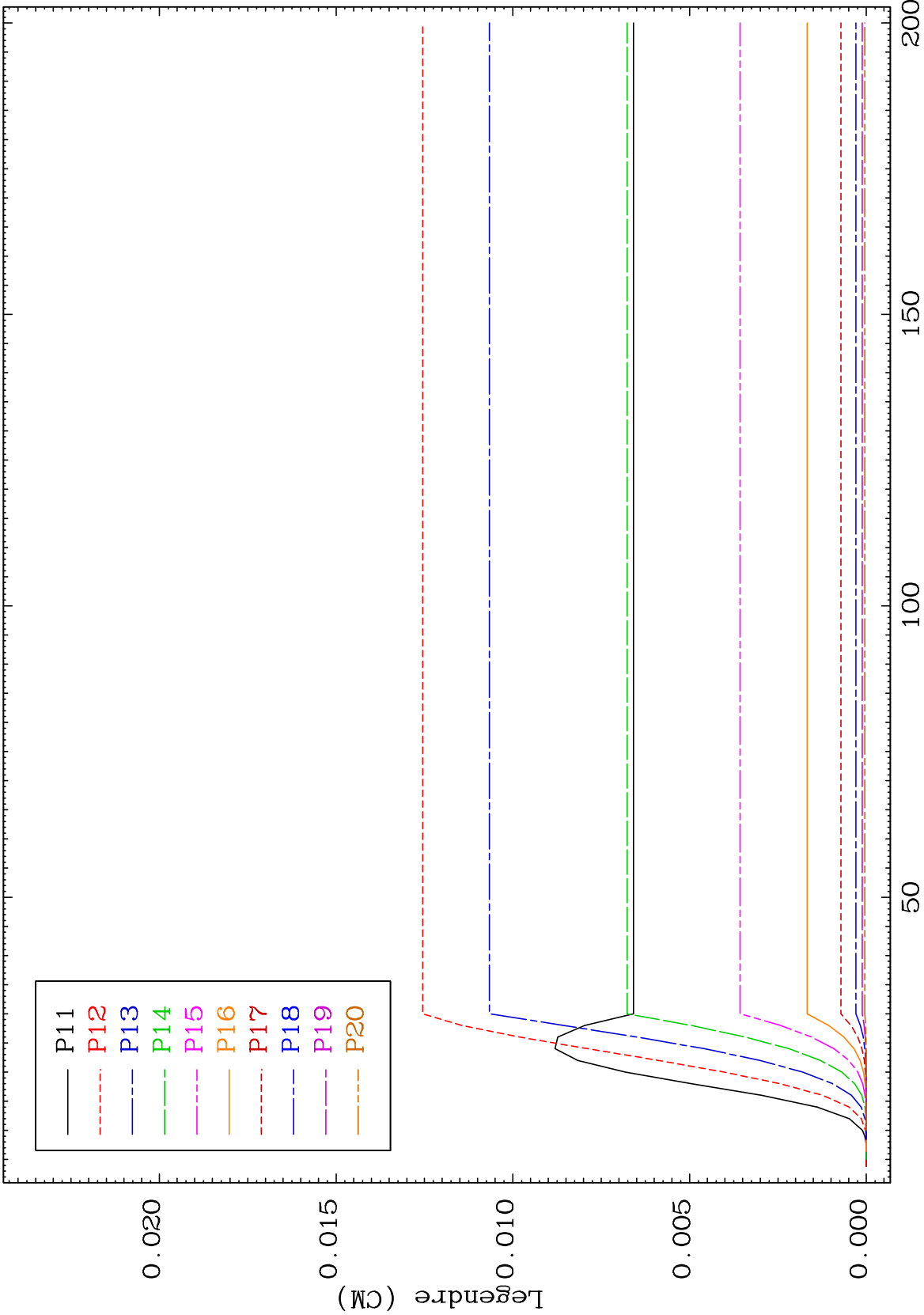
18-Ar-36



18

Incident Energy (MeV)

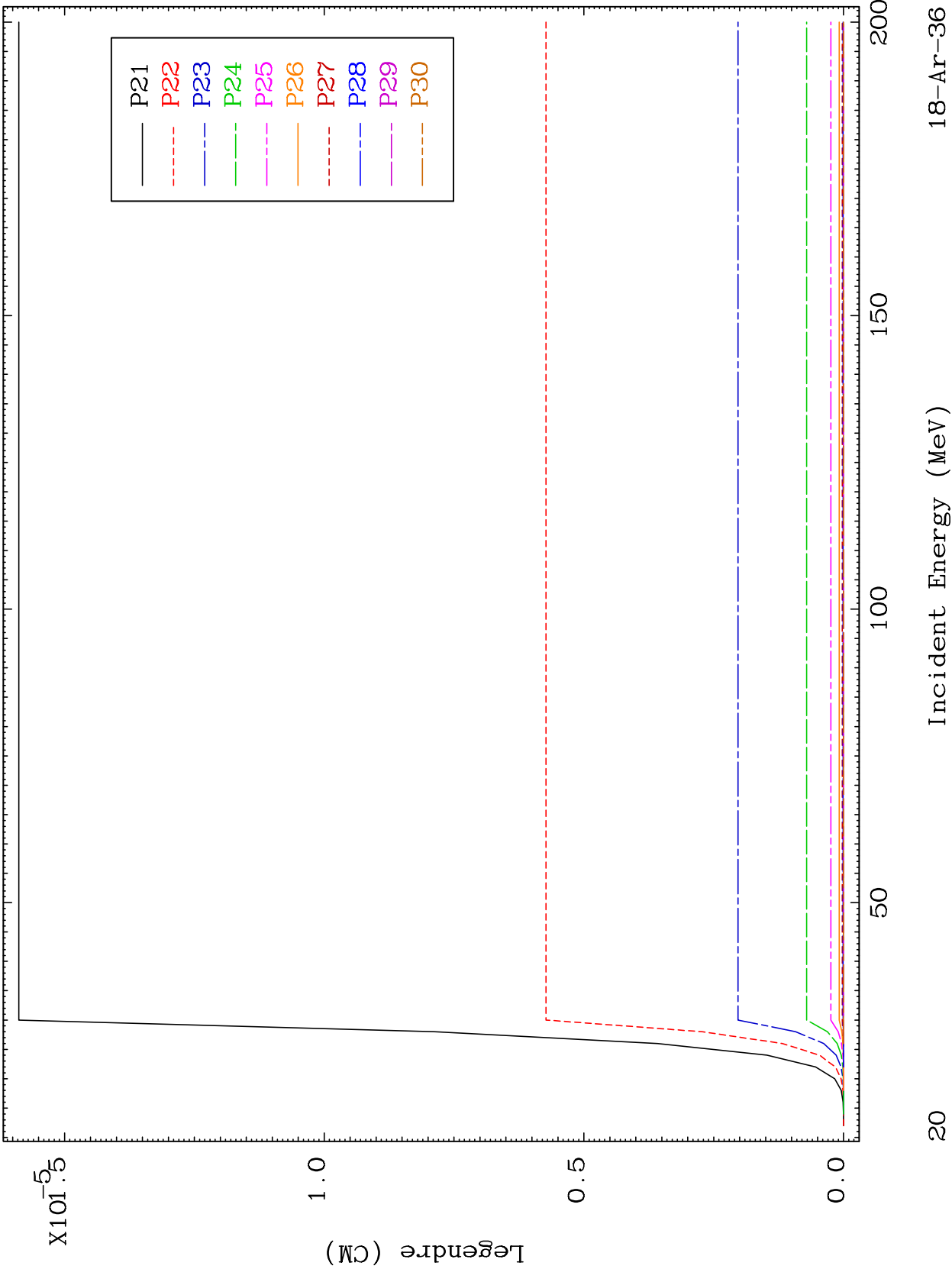
18-Ar-36



MAT 1825

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

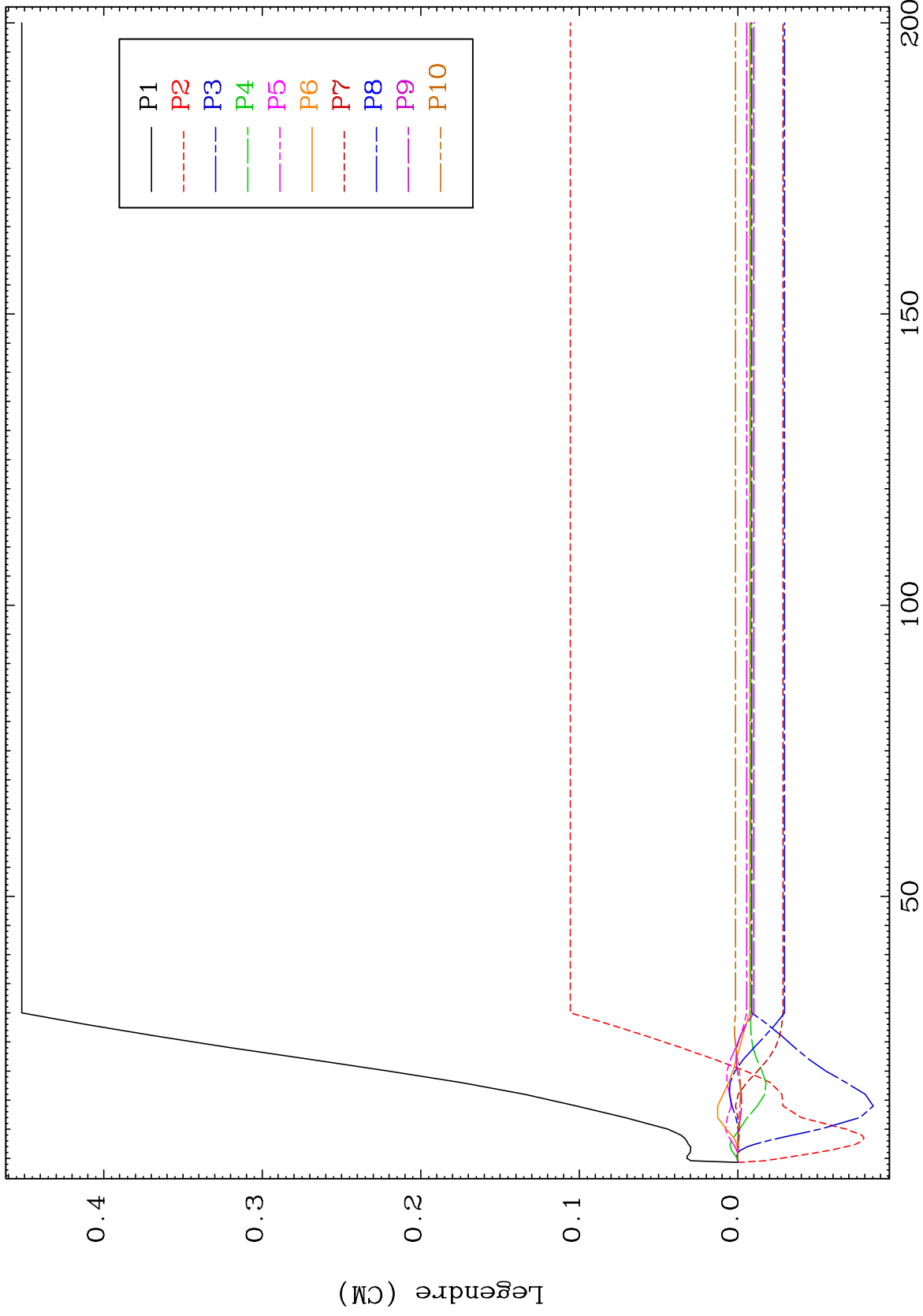
18-Ar-36

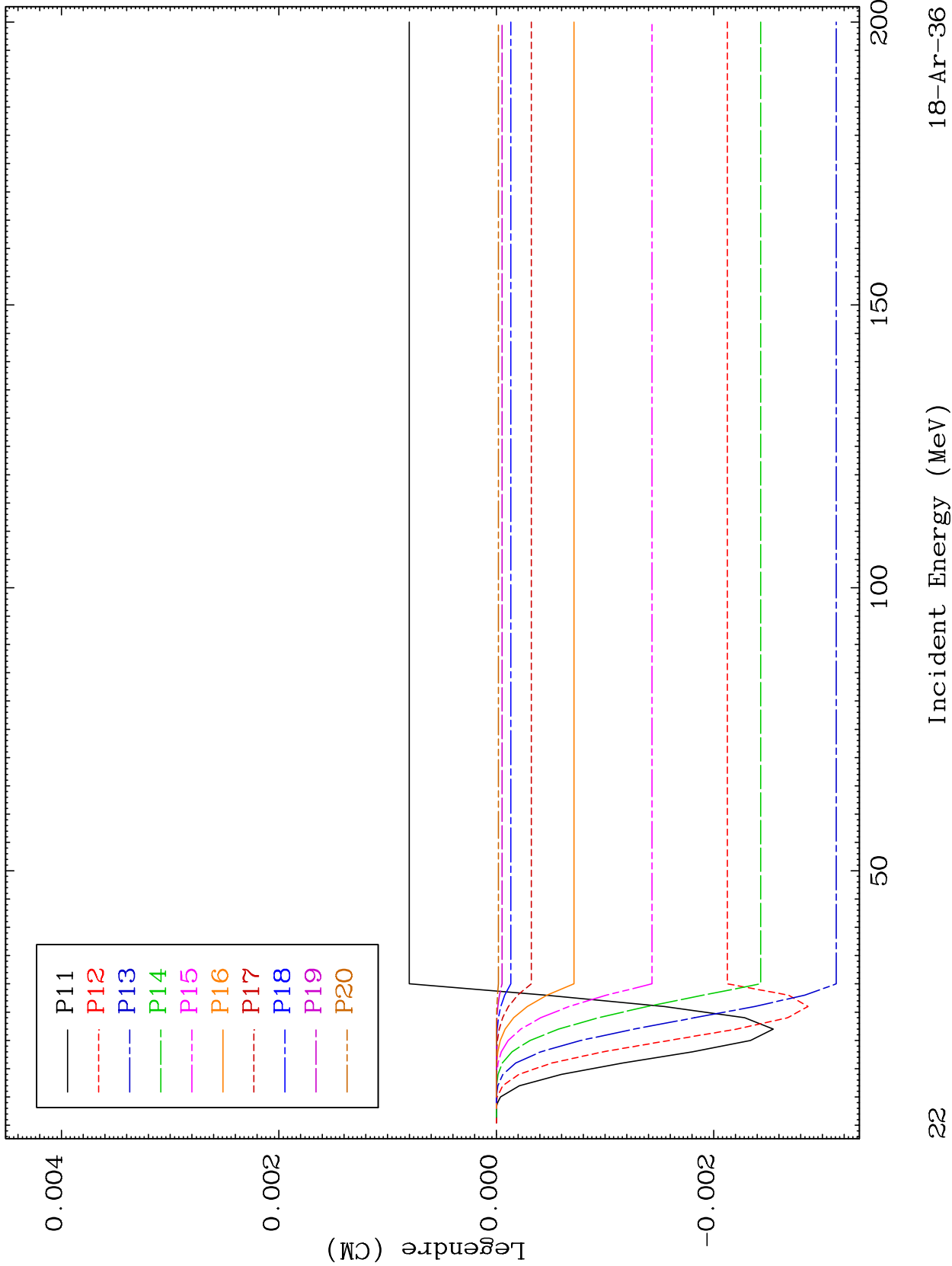


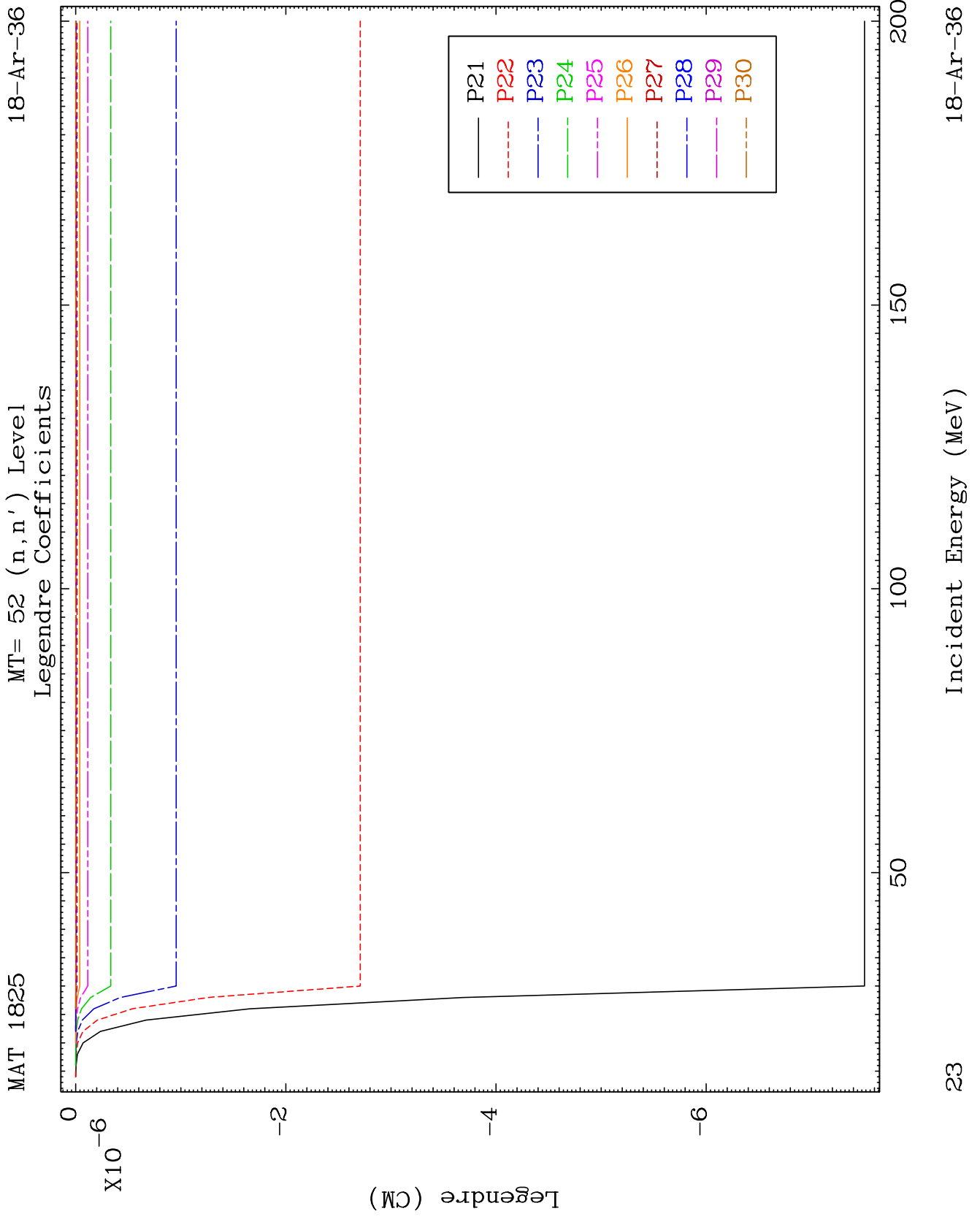
MAT 1825

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

18-Ar-36



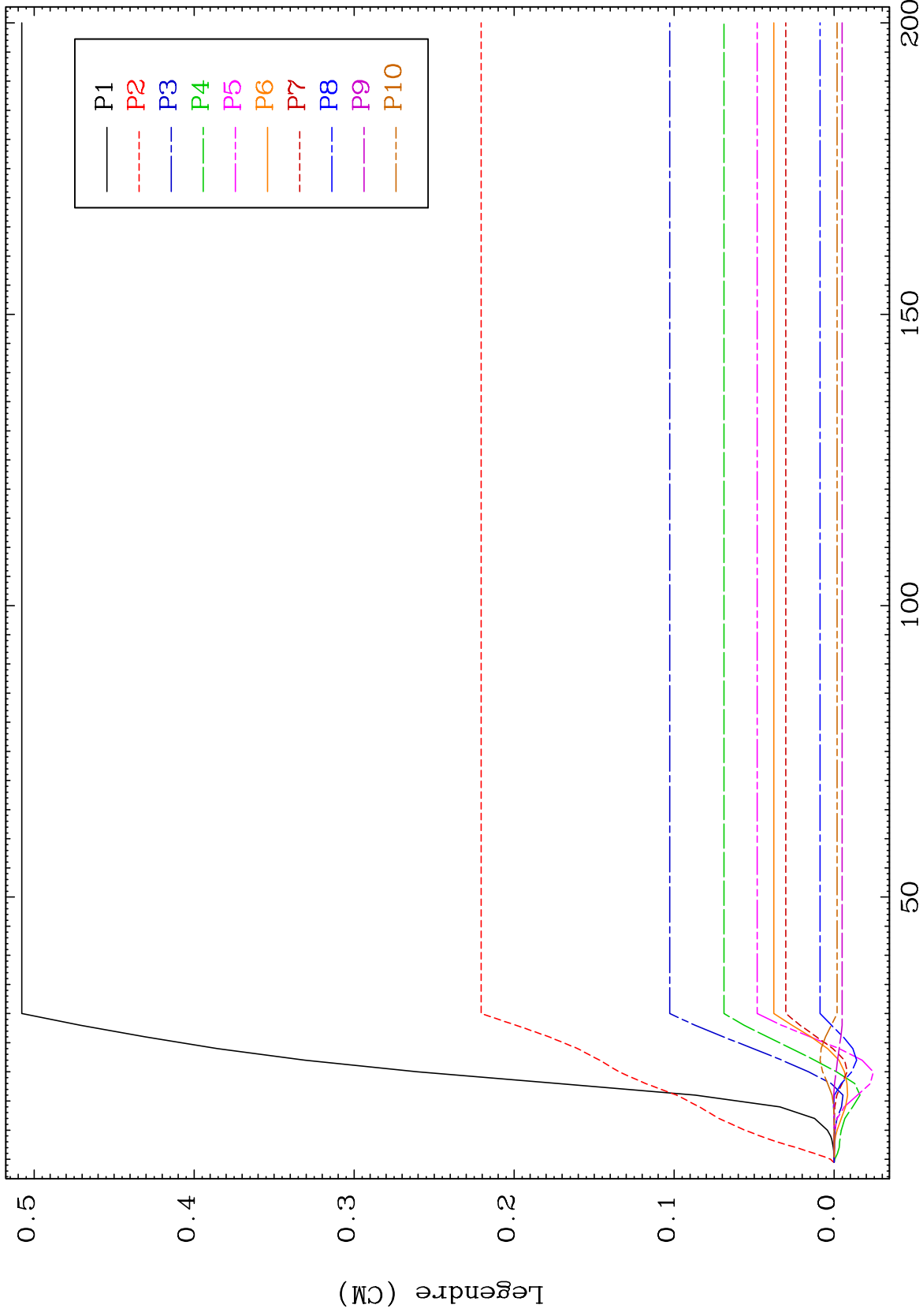




MAT 1825

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

18-Ar-36



24

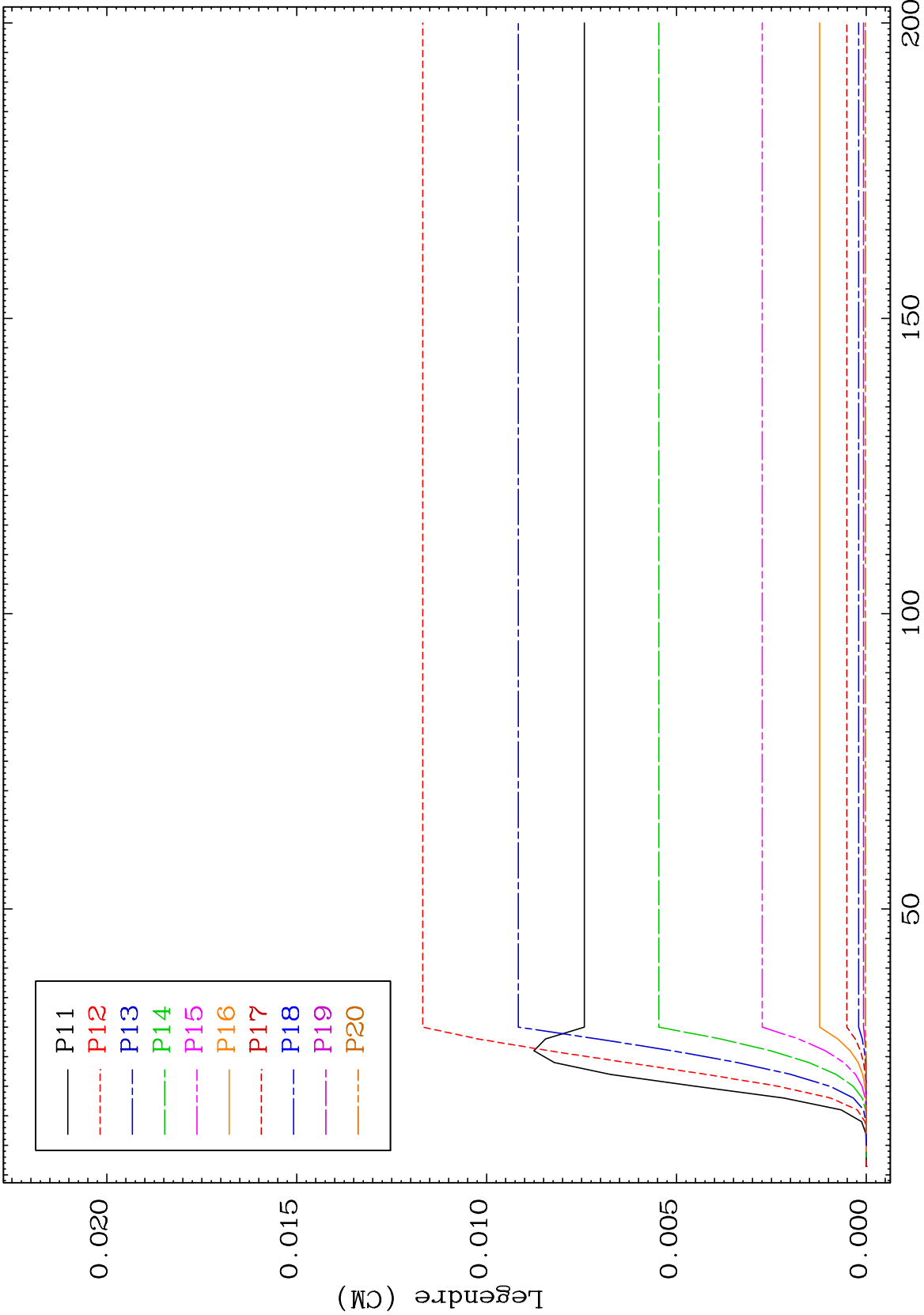
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



25

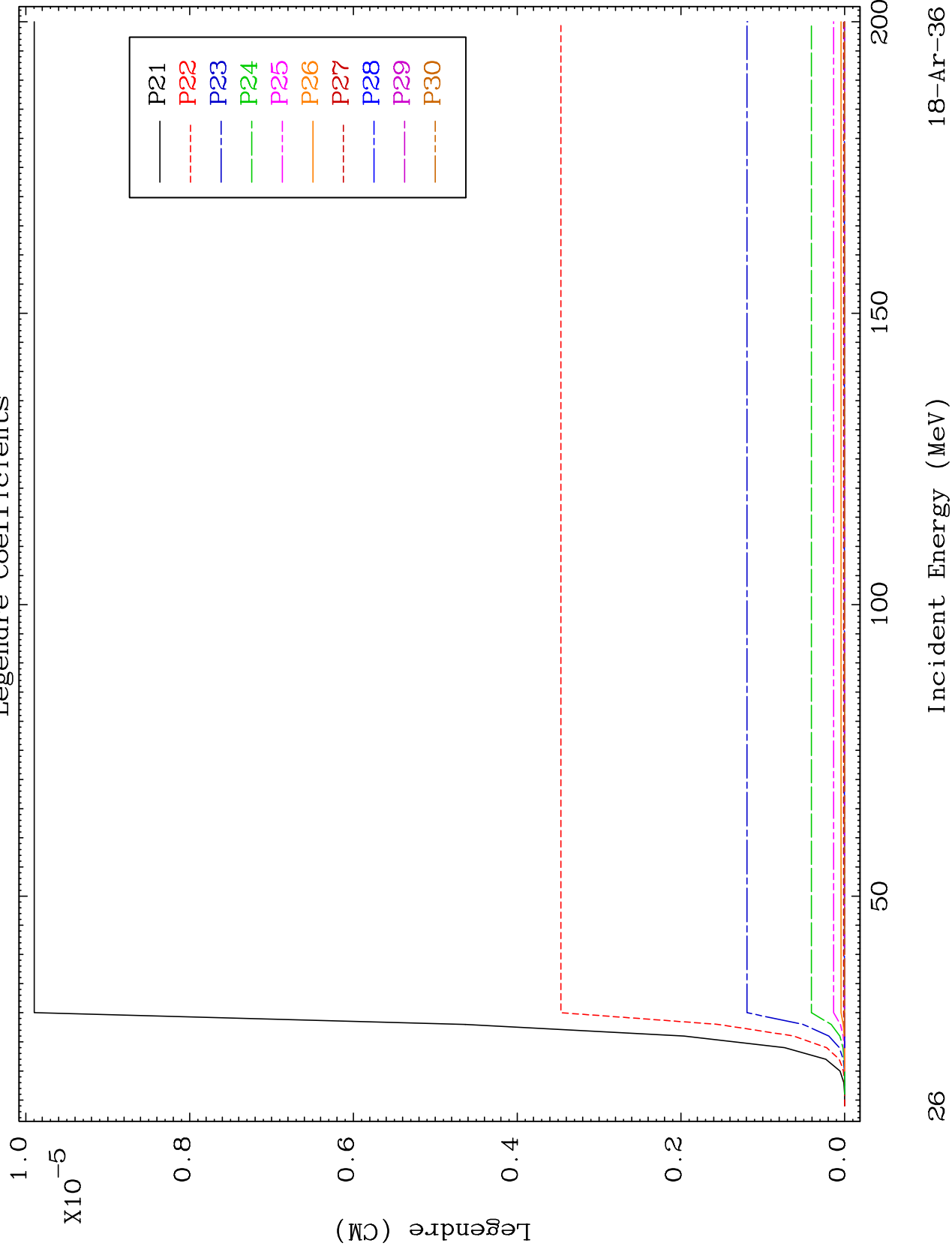
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

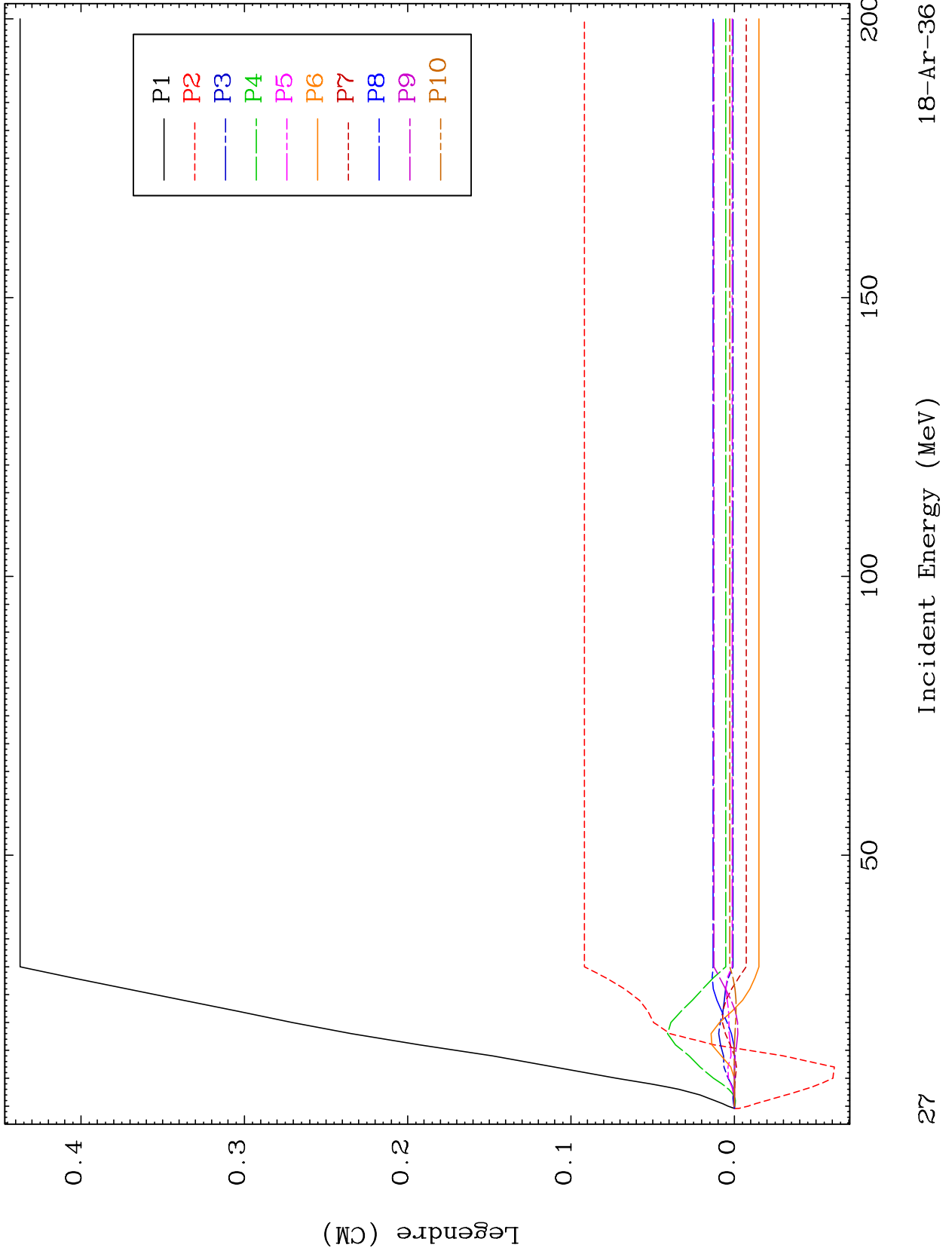
18-Ar-36



MAT 1825

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

18-Ar-36



27

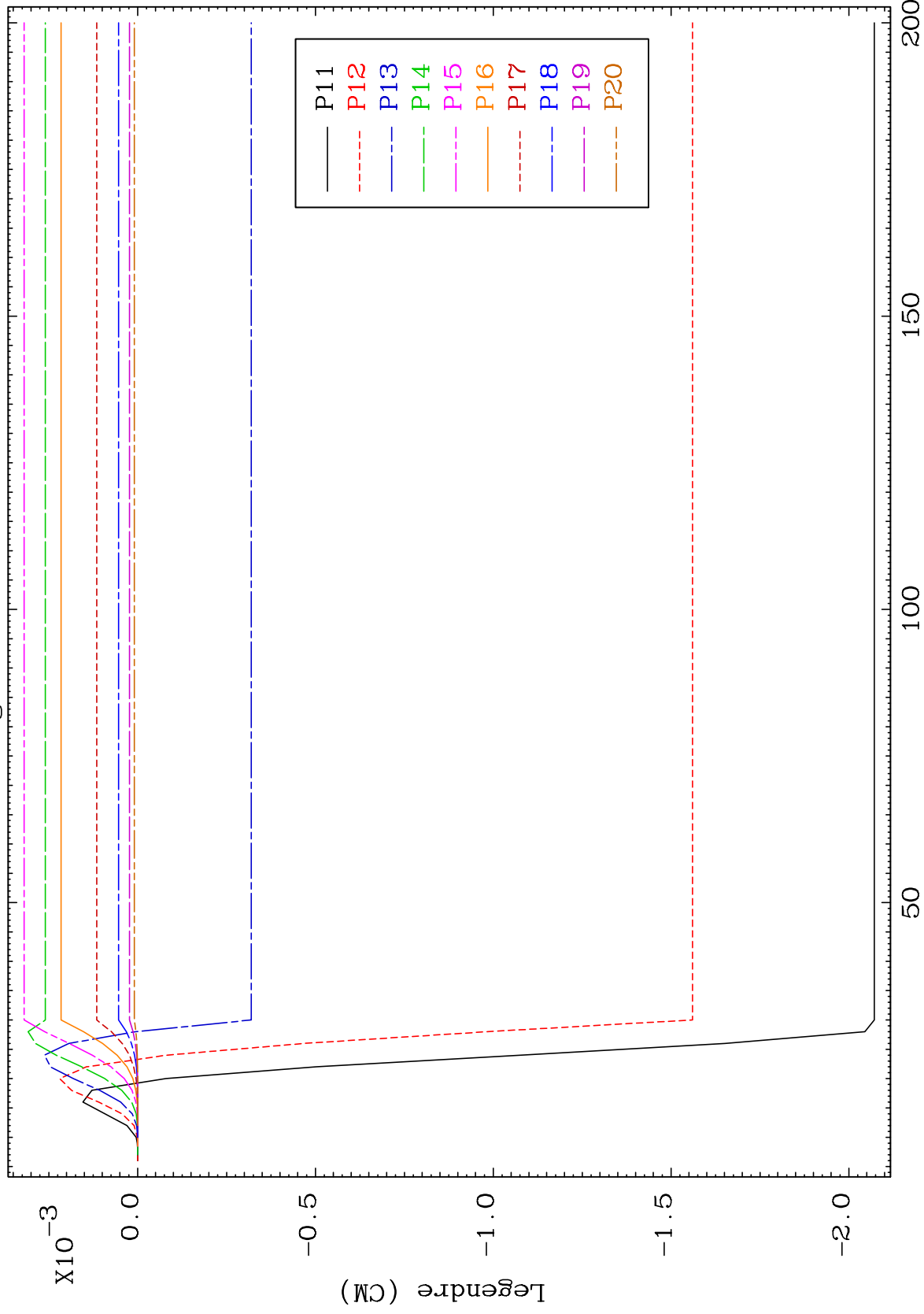
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



28

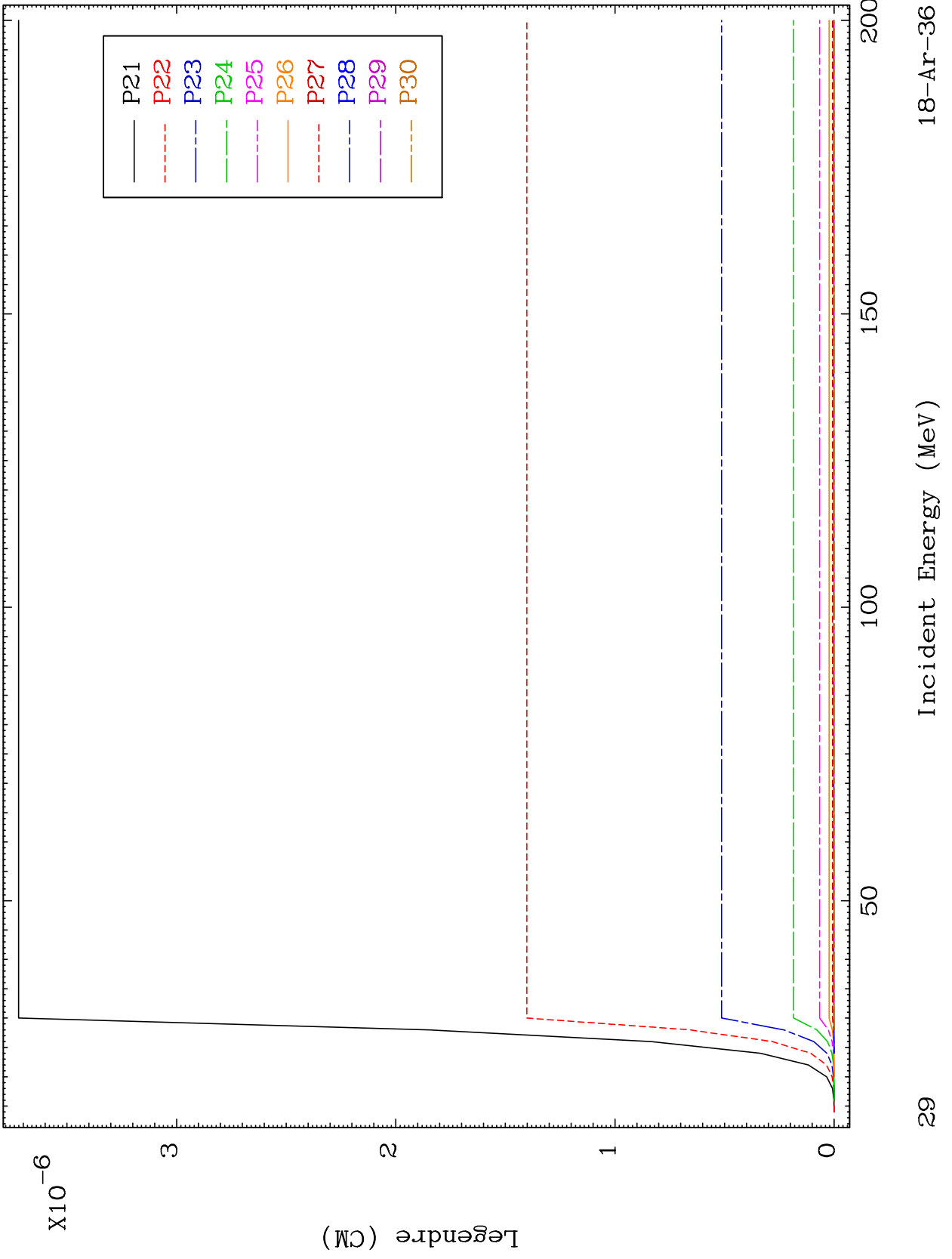
Incident Energy (MeV)

18-Ar-36

MAT 1825

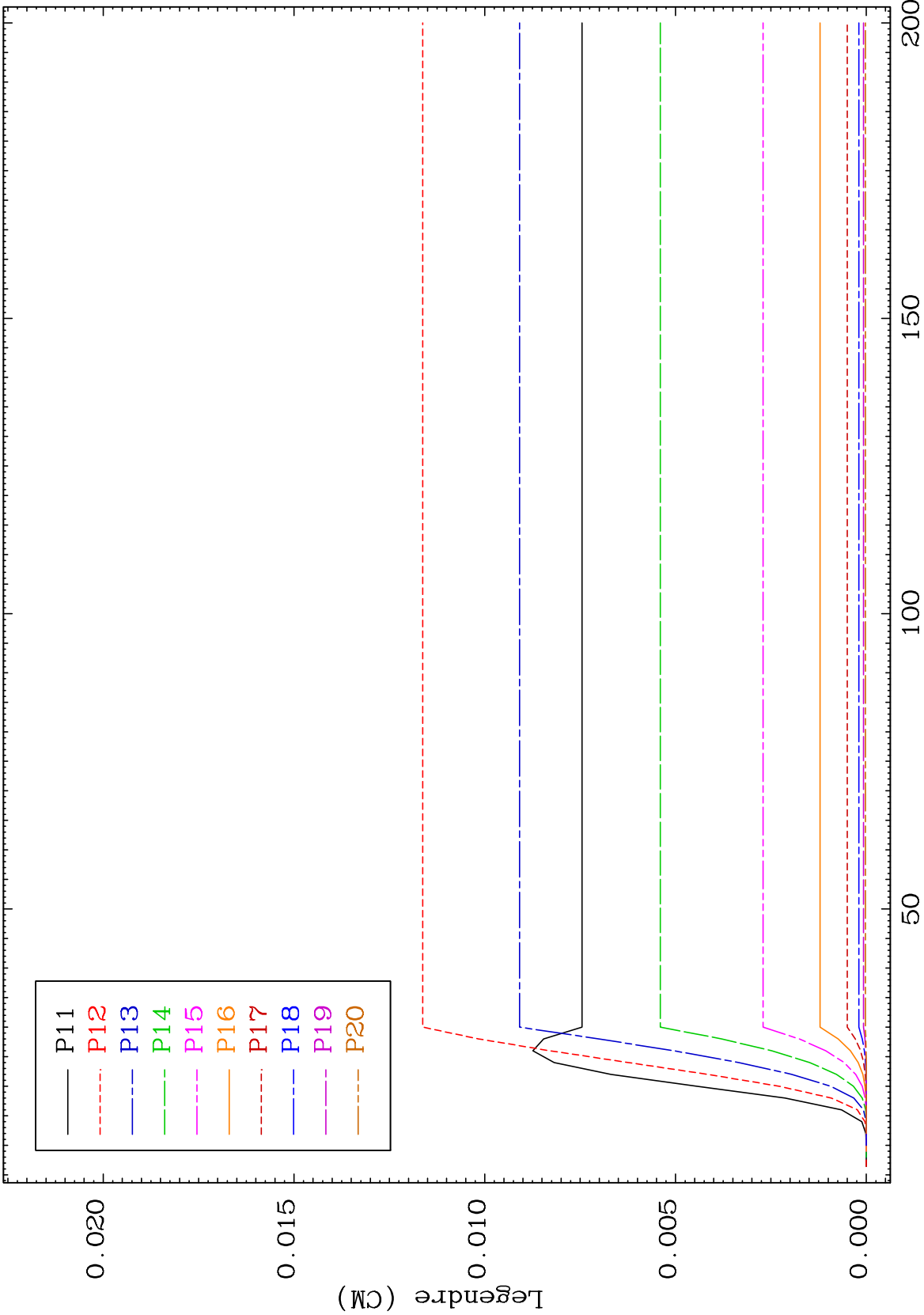
MT= 54 (n,n') Level  
Legendre Coefficients

18-Ar-36



29

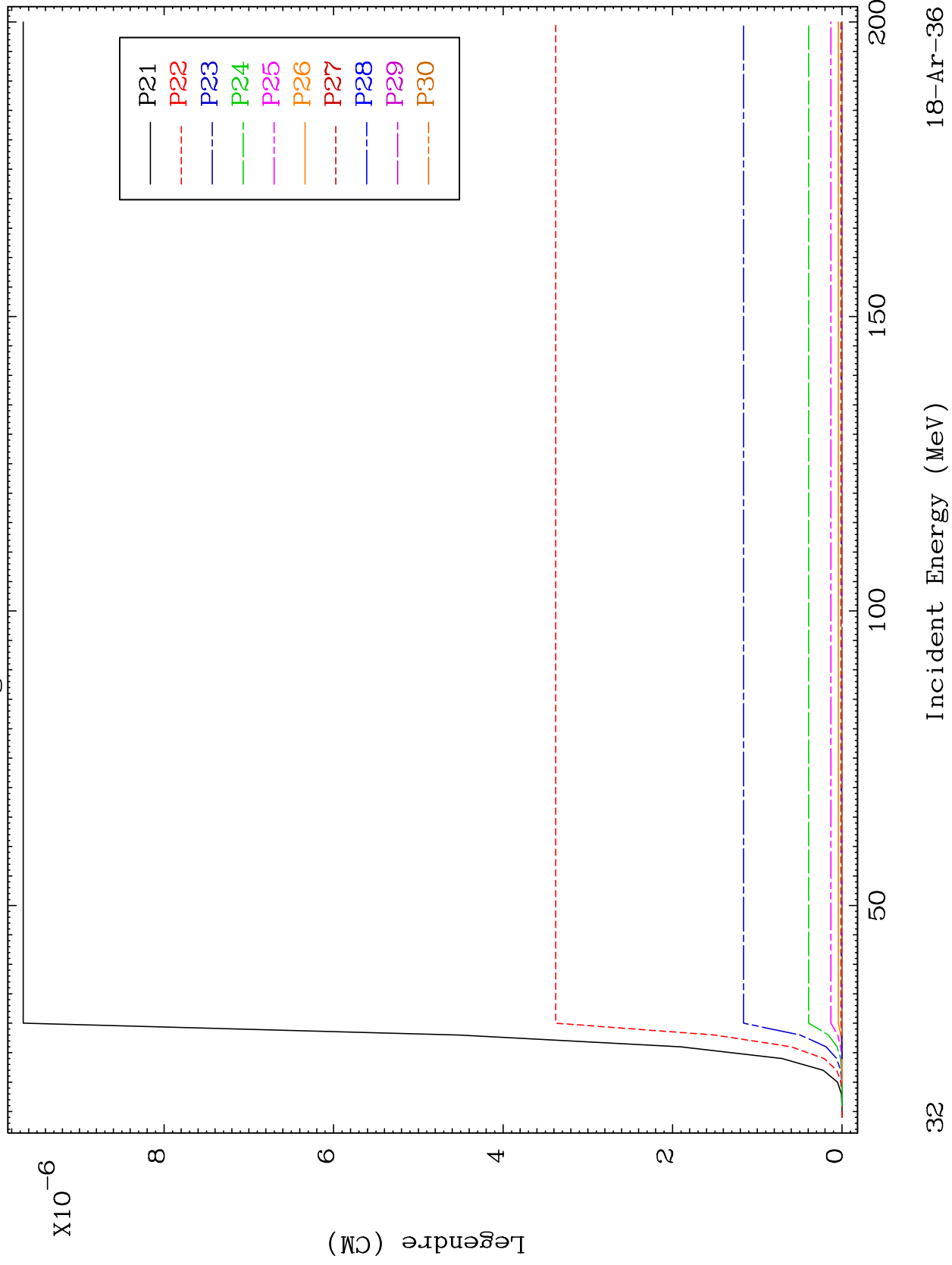




MAT 1825

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

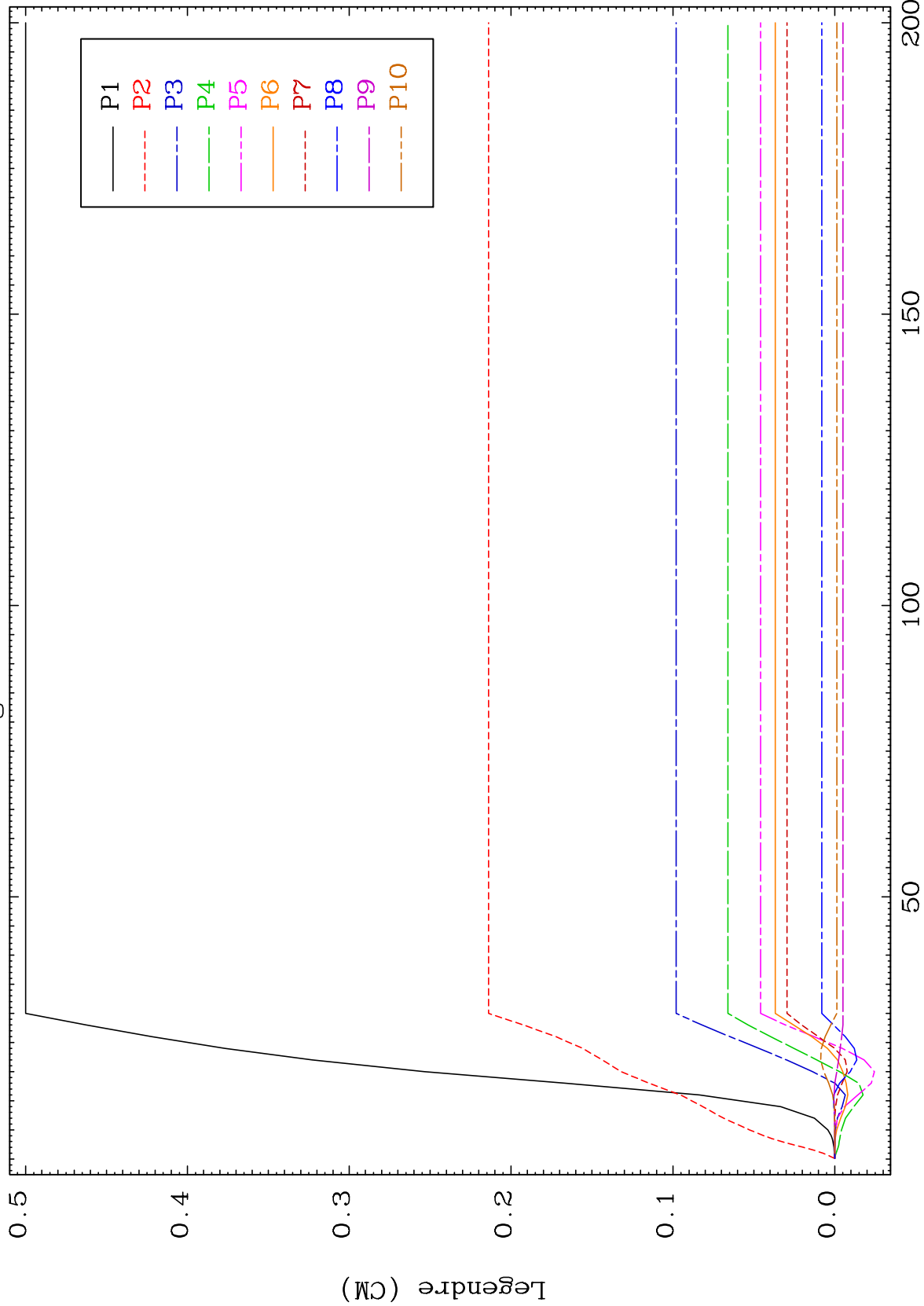
18-Ar-36



MAT 1825

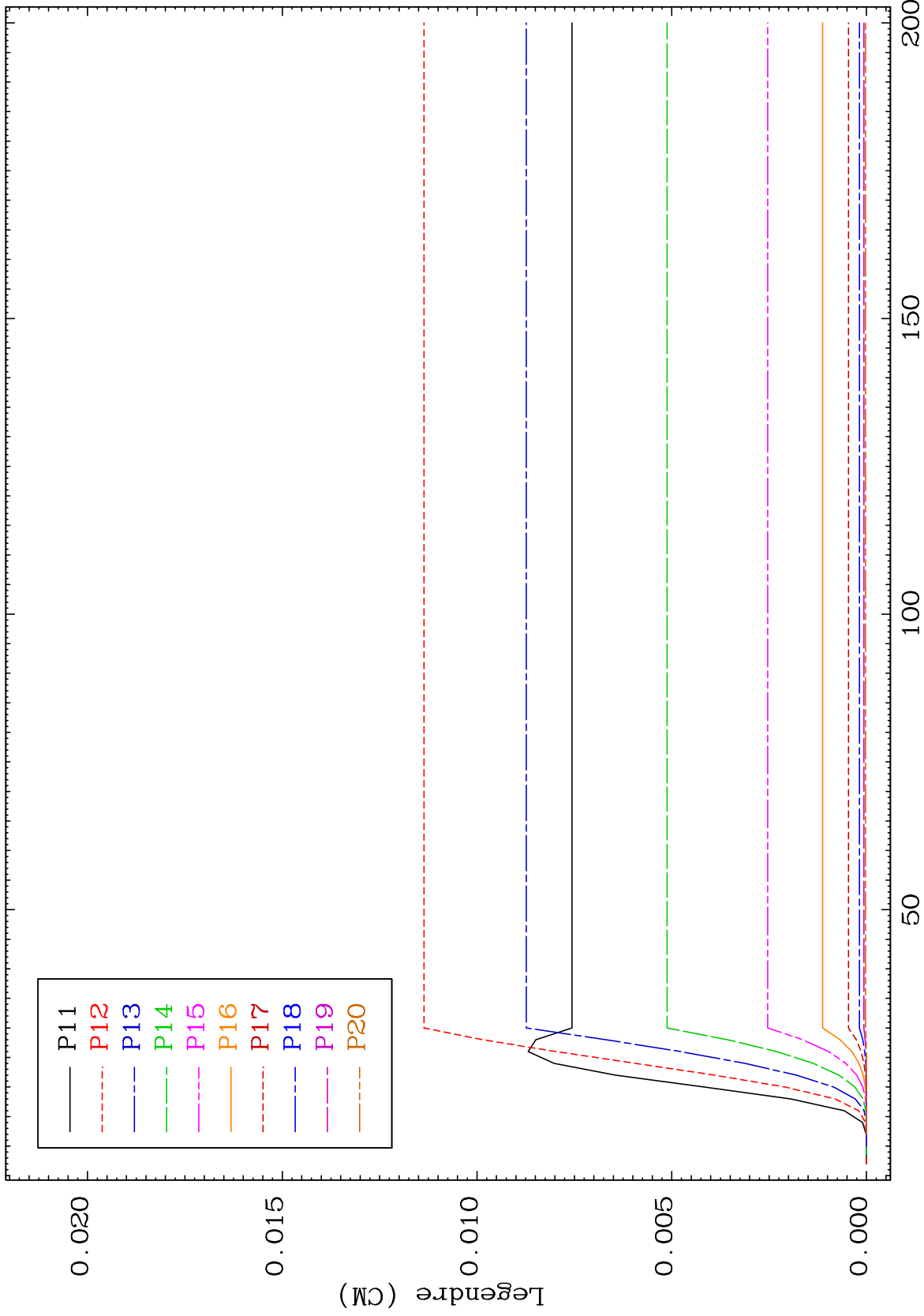
MT= 56 (n,n') Level  
Legendre Coefficients

18-Ar-36



33

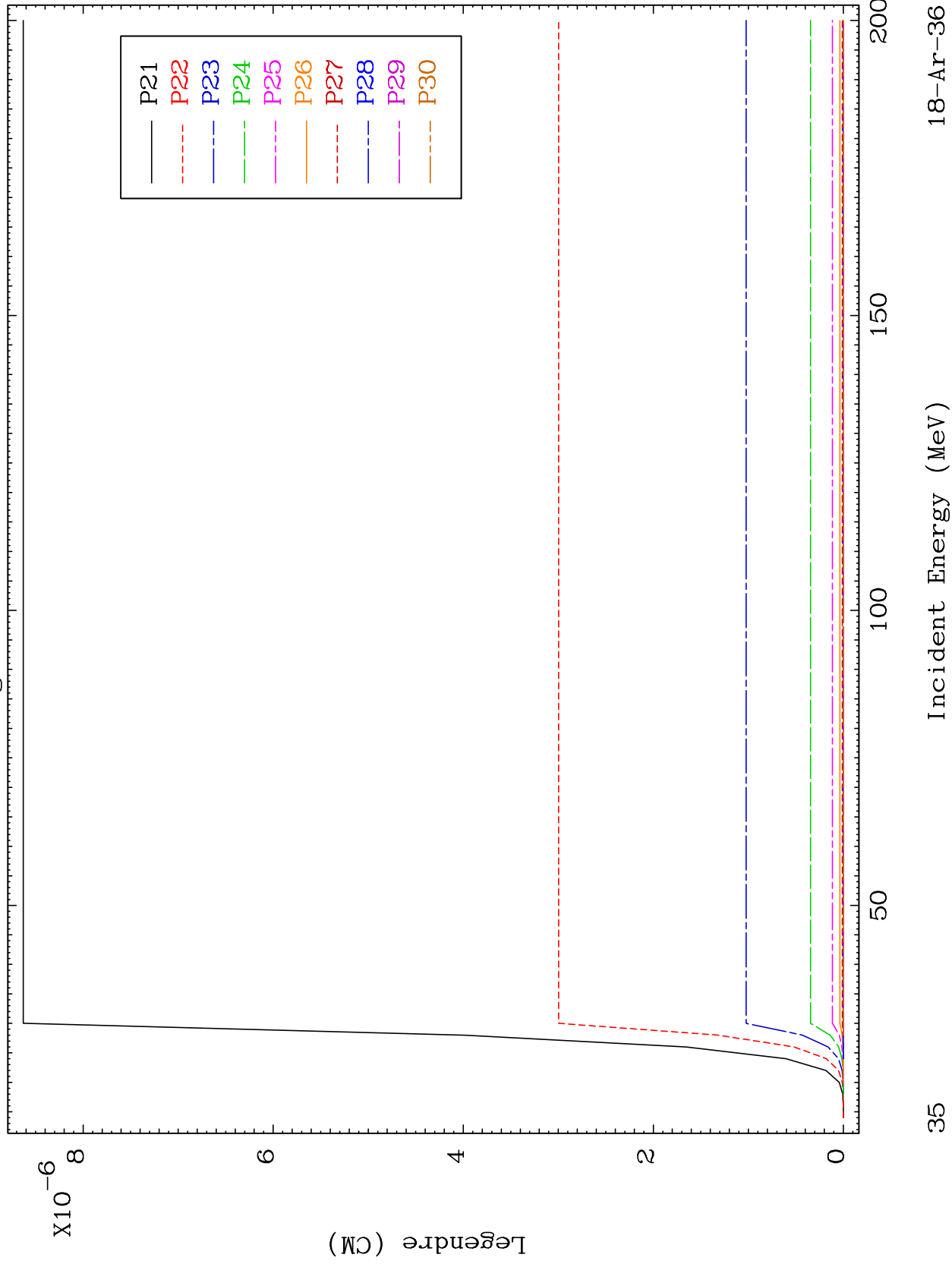
18-Ar-36



MAT 1825

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

18-Ar-36



35

Incident Energy (MeV)

18-Ar-36

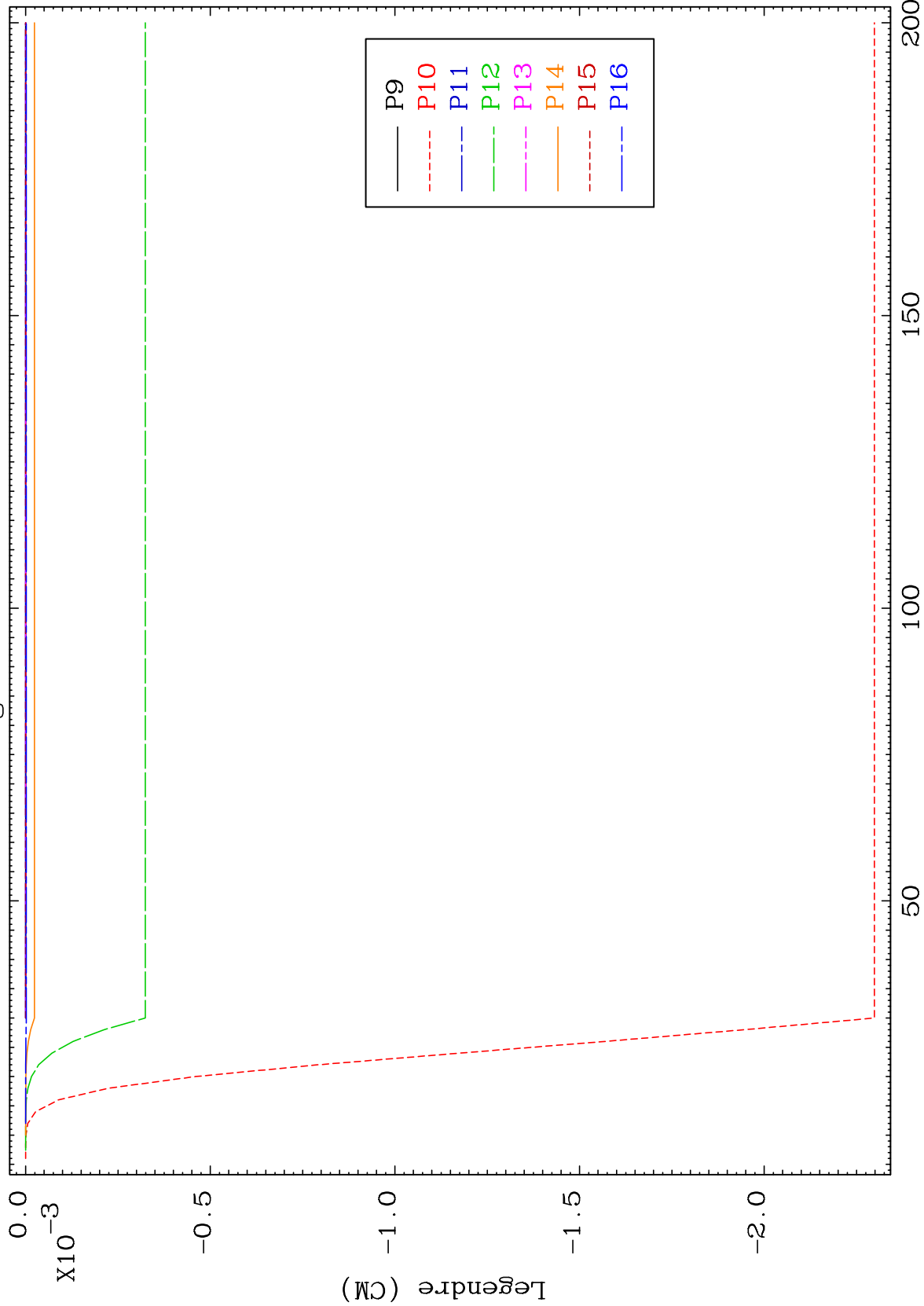


MAT 1825

MT= 57 (n,n') Level

18-Ar-36

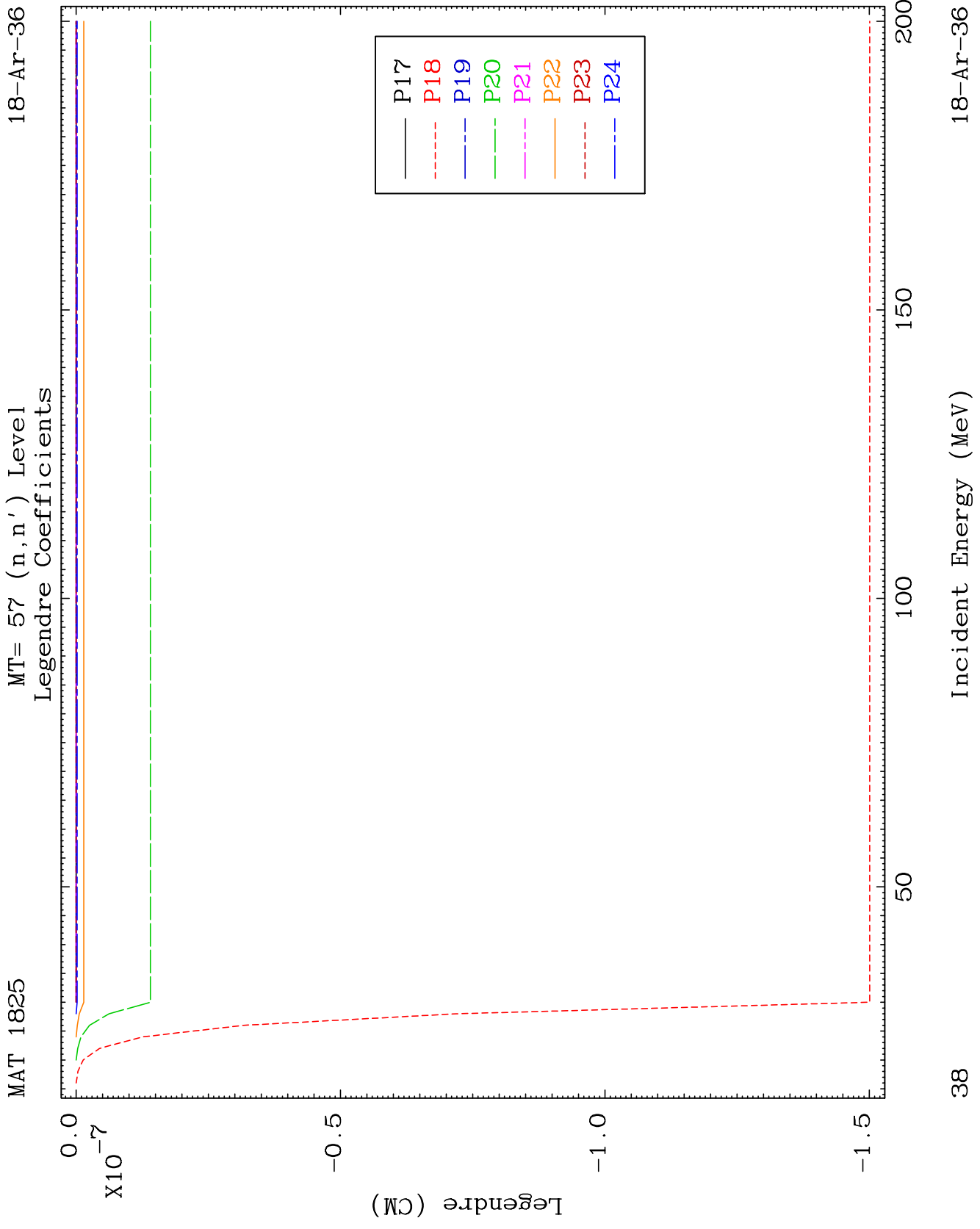
Legendre Coefficients

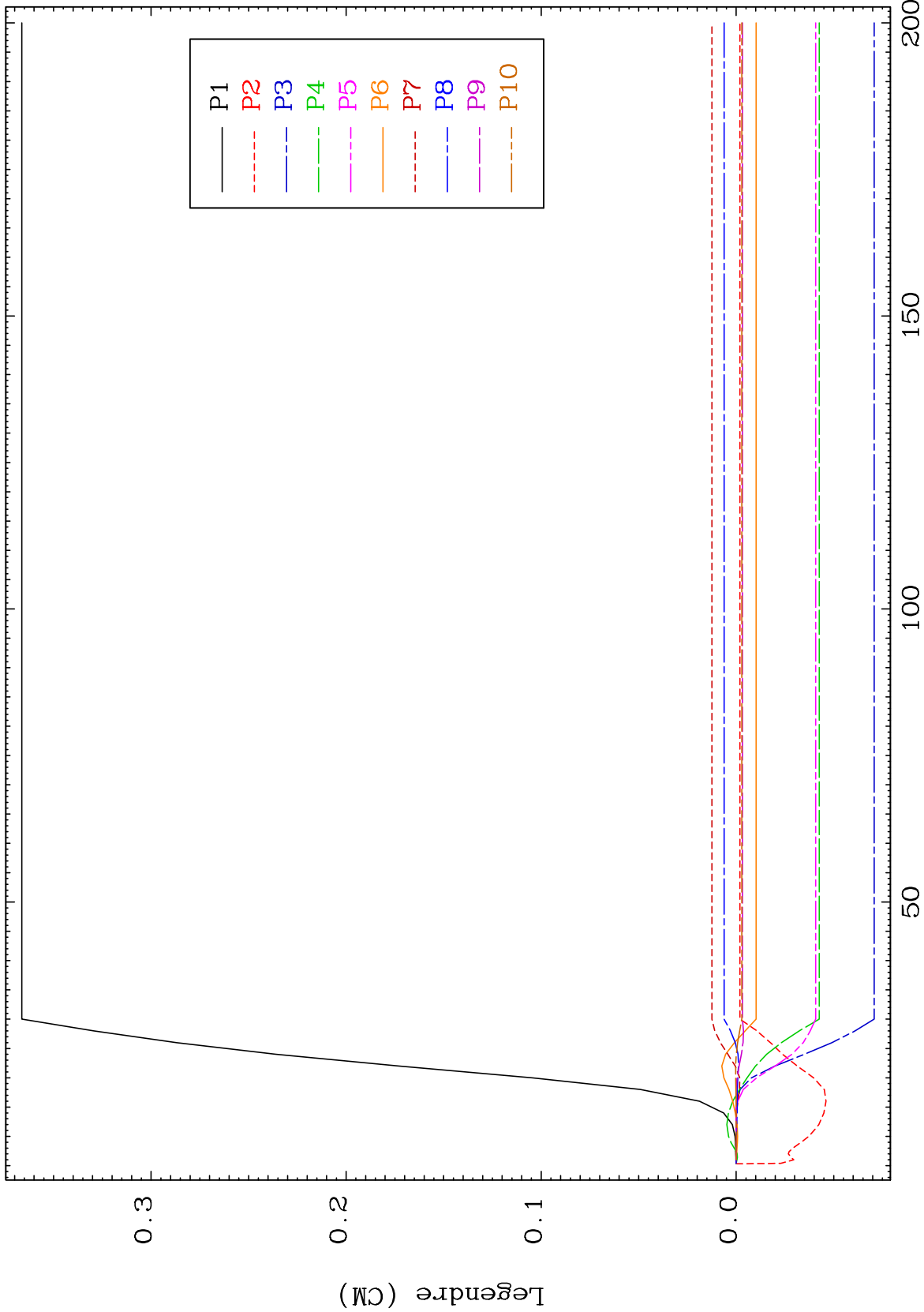


37

Incident Energy (MeV)

18-Ar-36

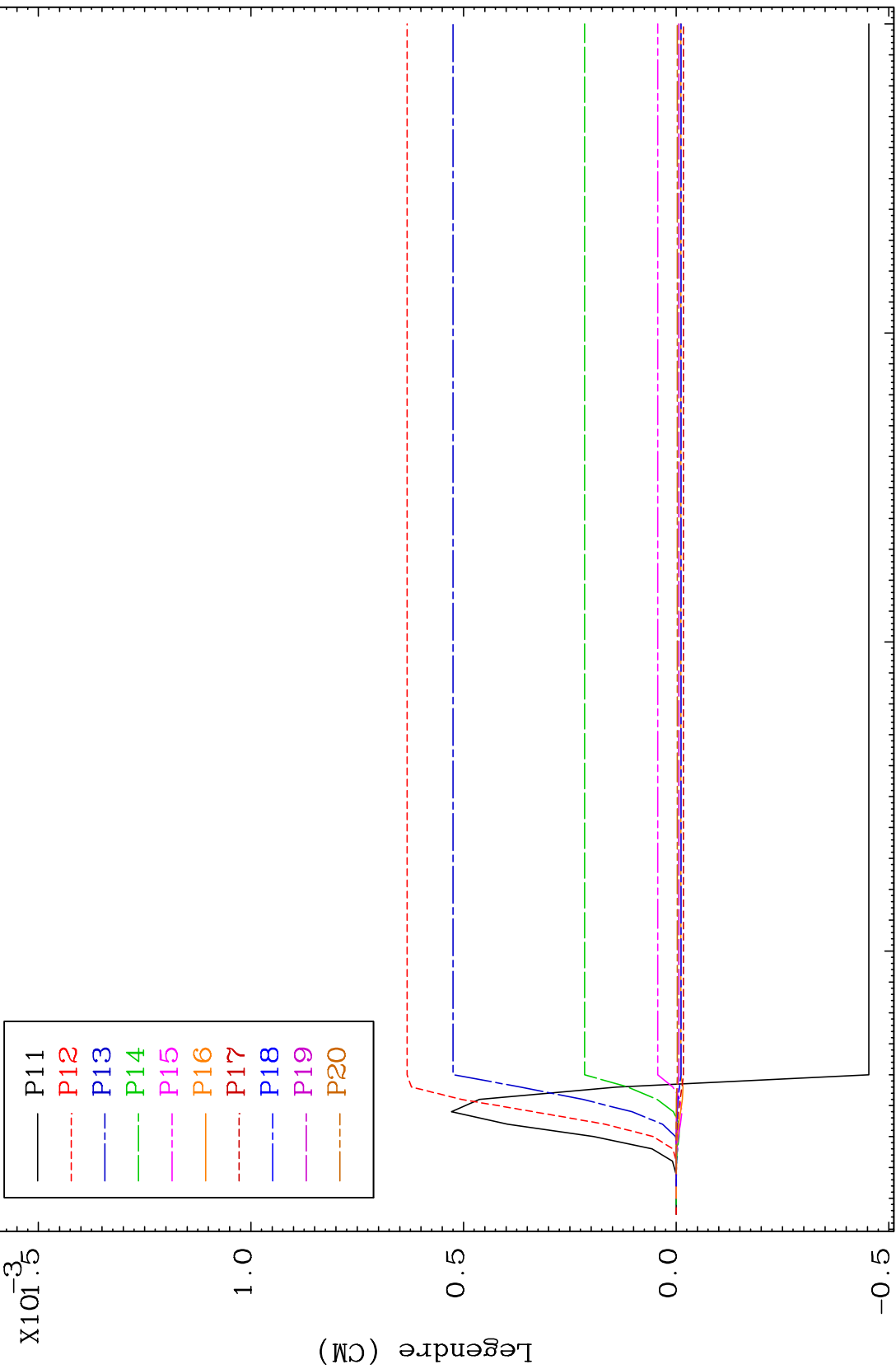
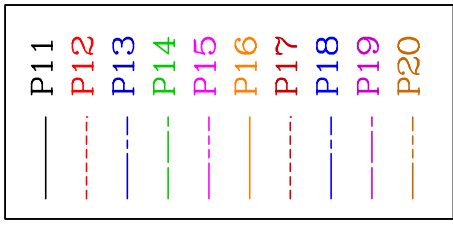




MAT 1825

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

18-Ar-36



40

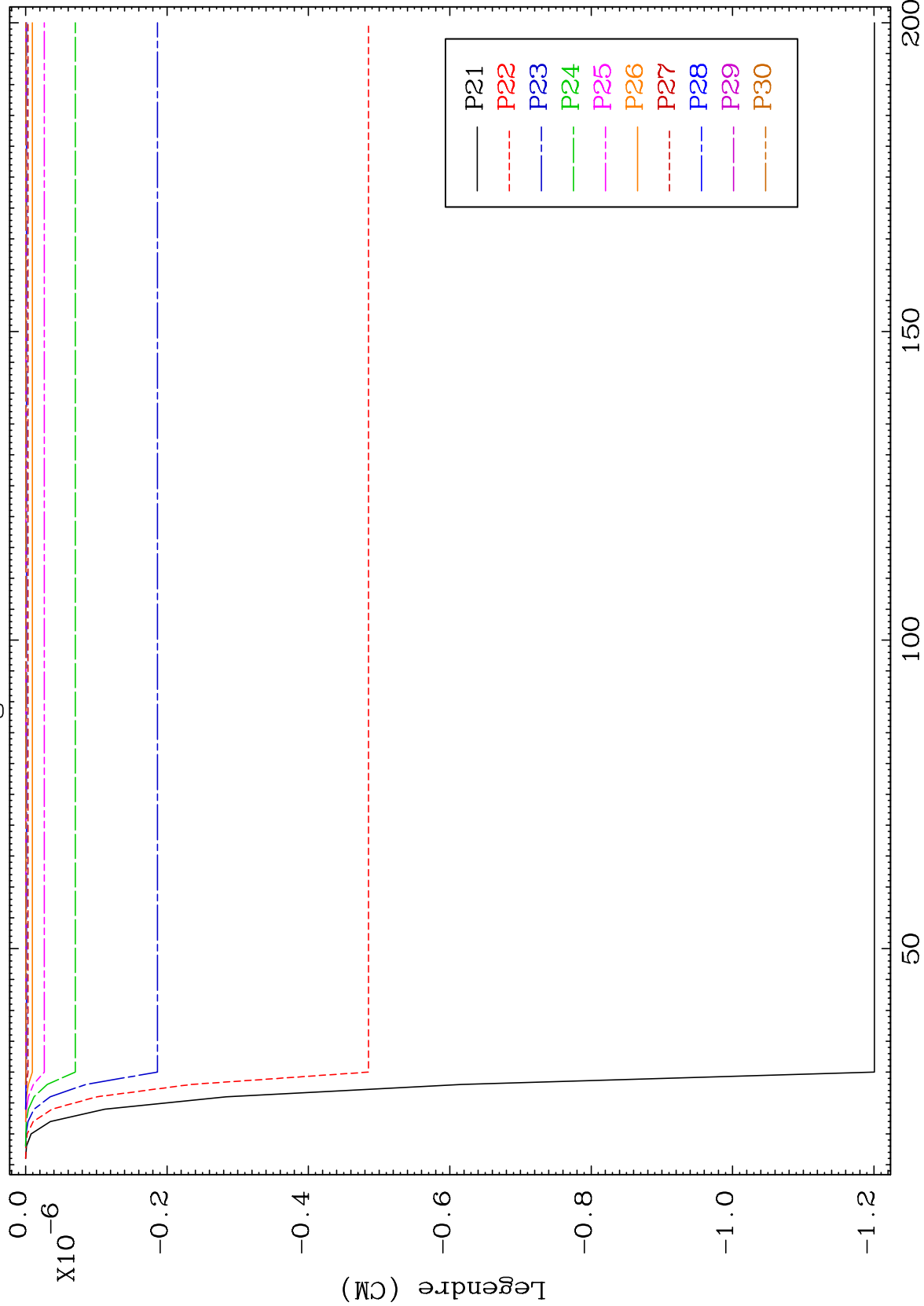
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

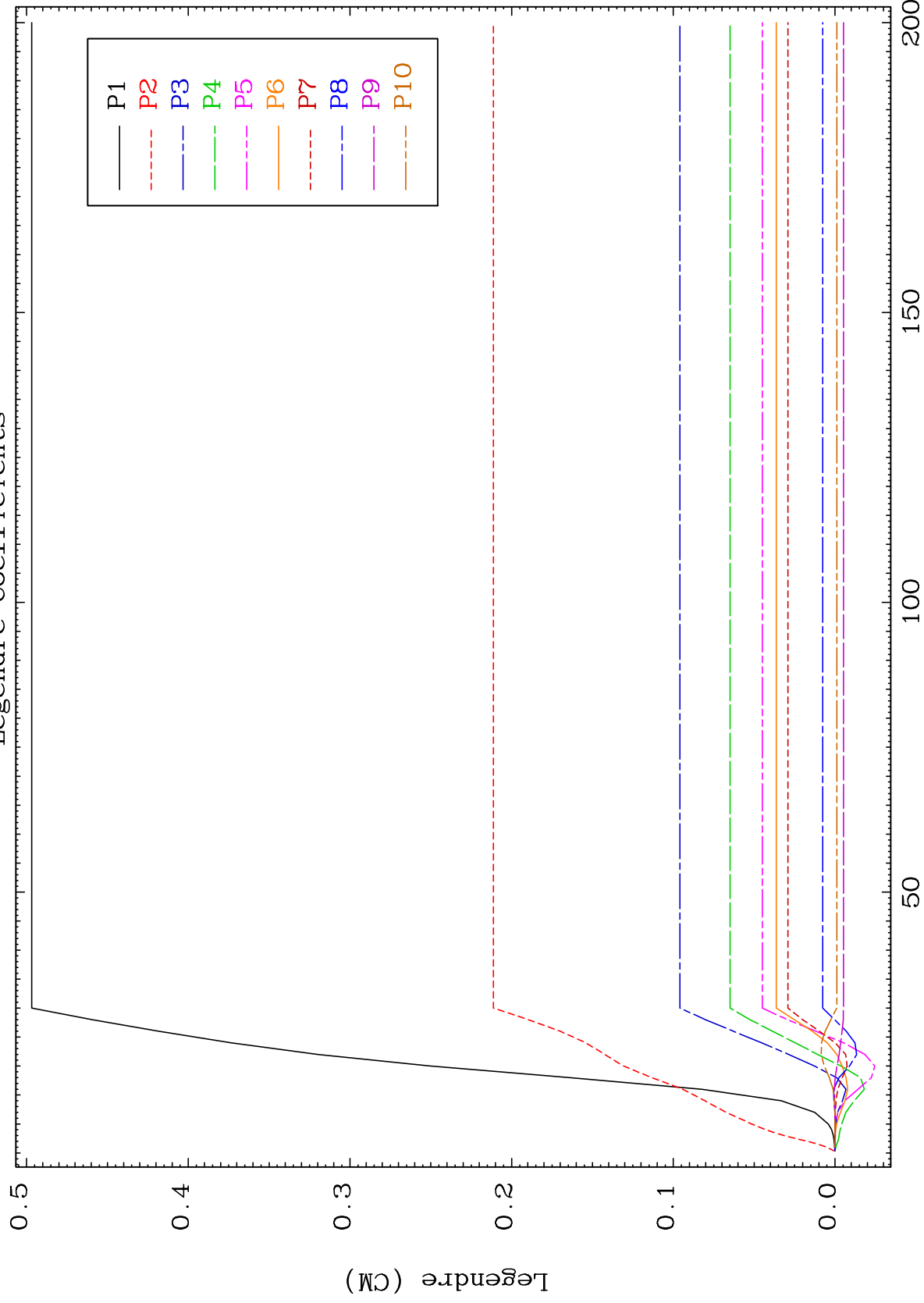
18-Ar-36



MAT 1825

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

18-Ar-36



42

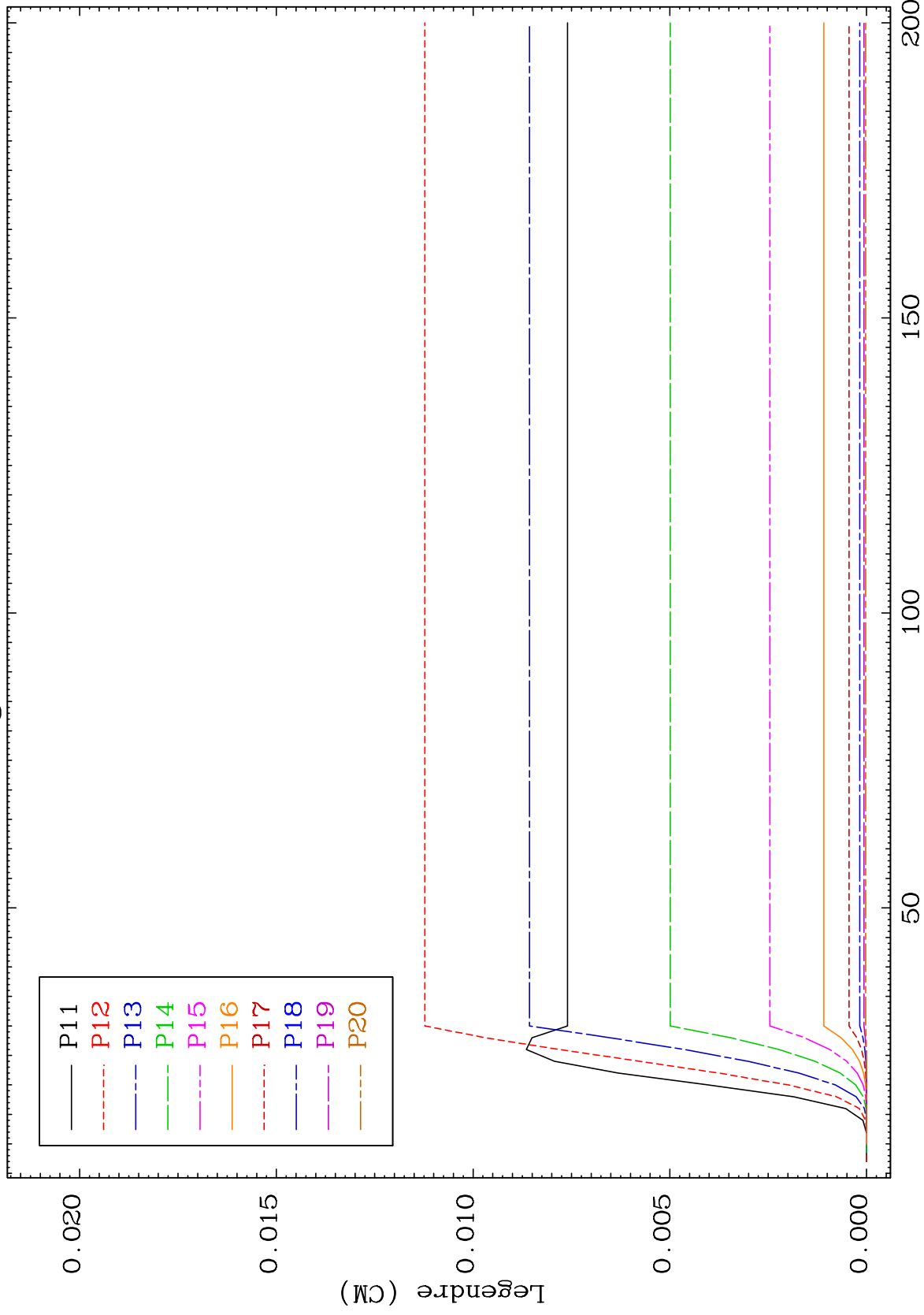
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



43

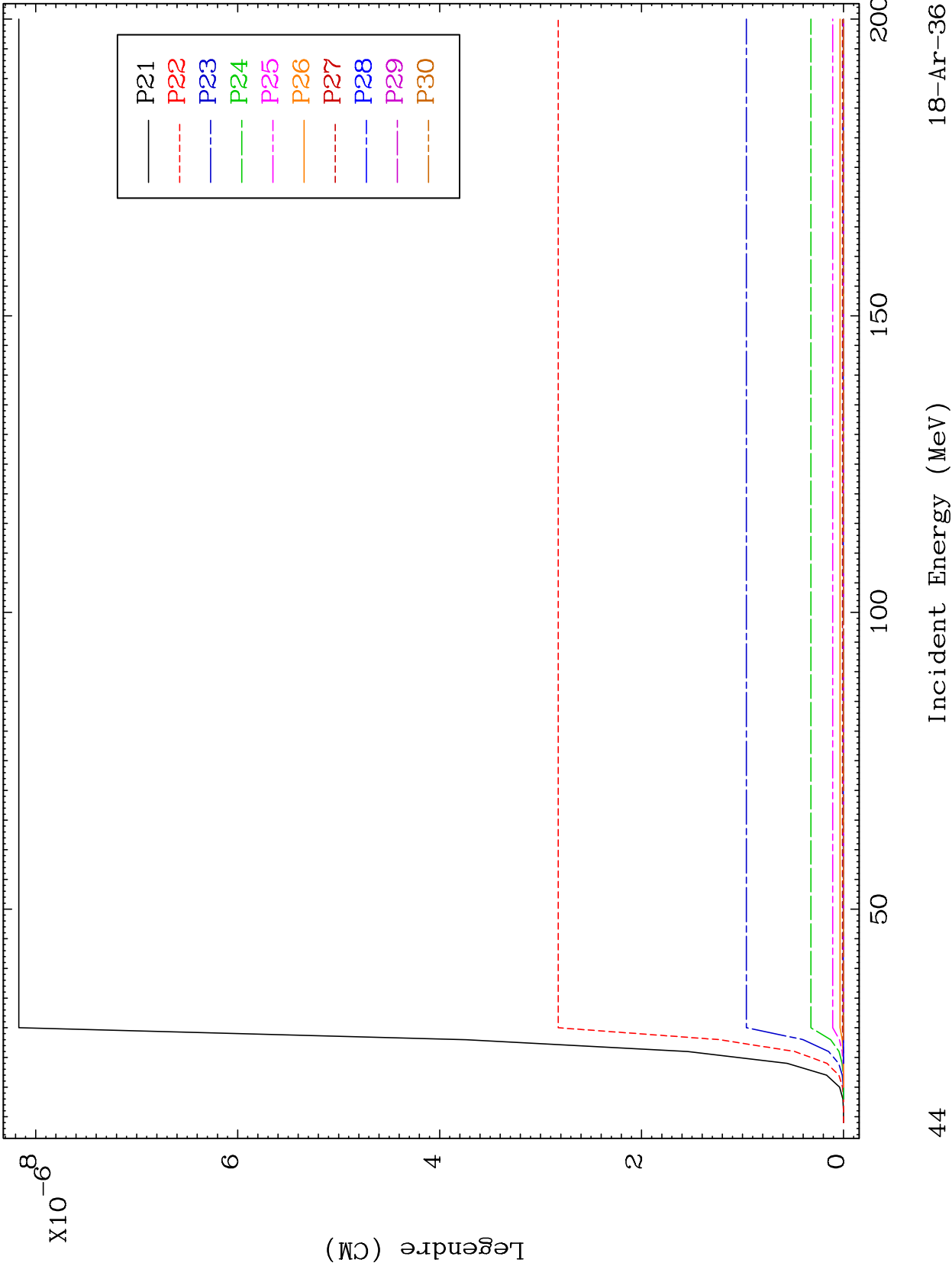
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



44

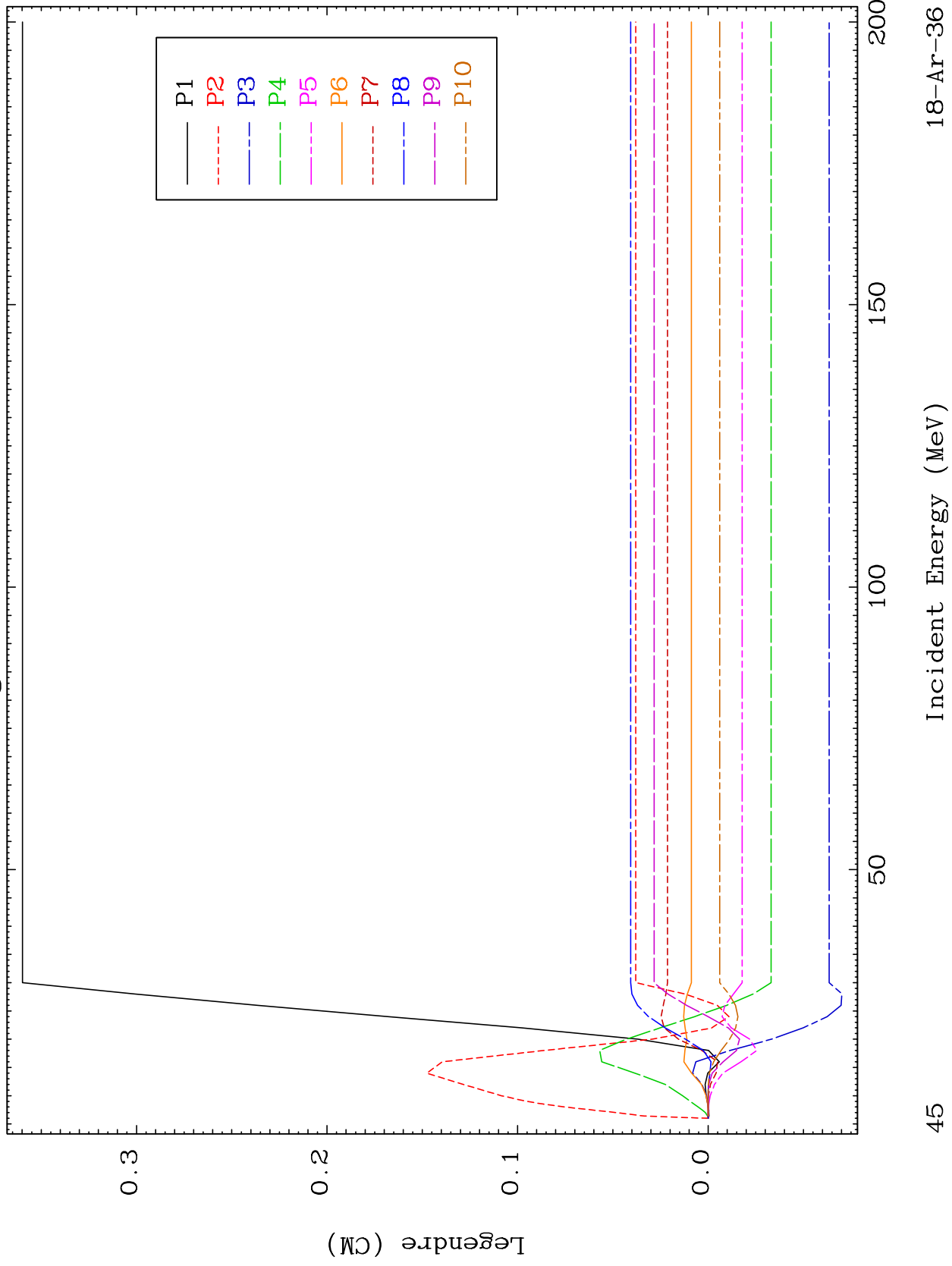
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36

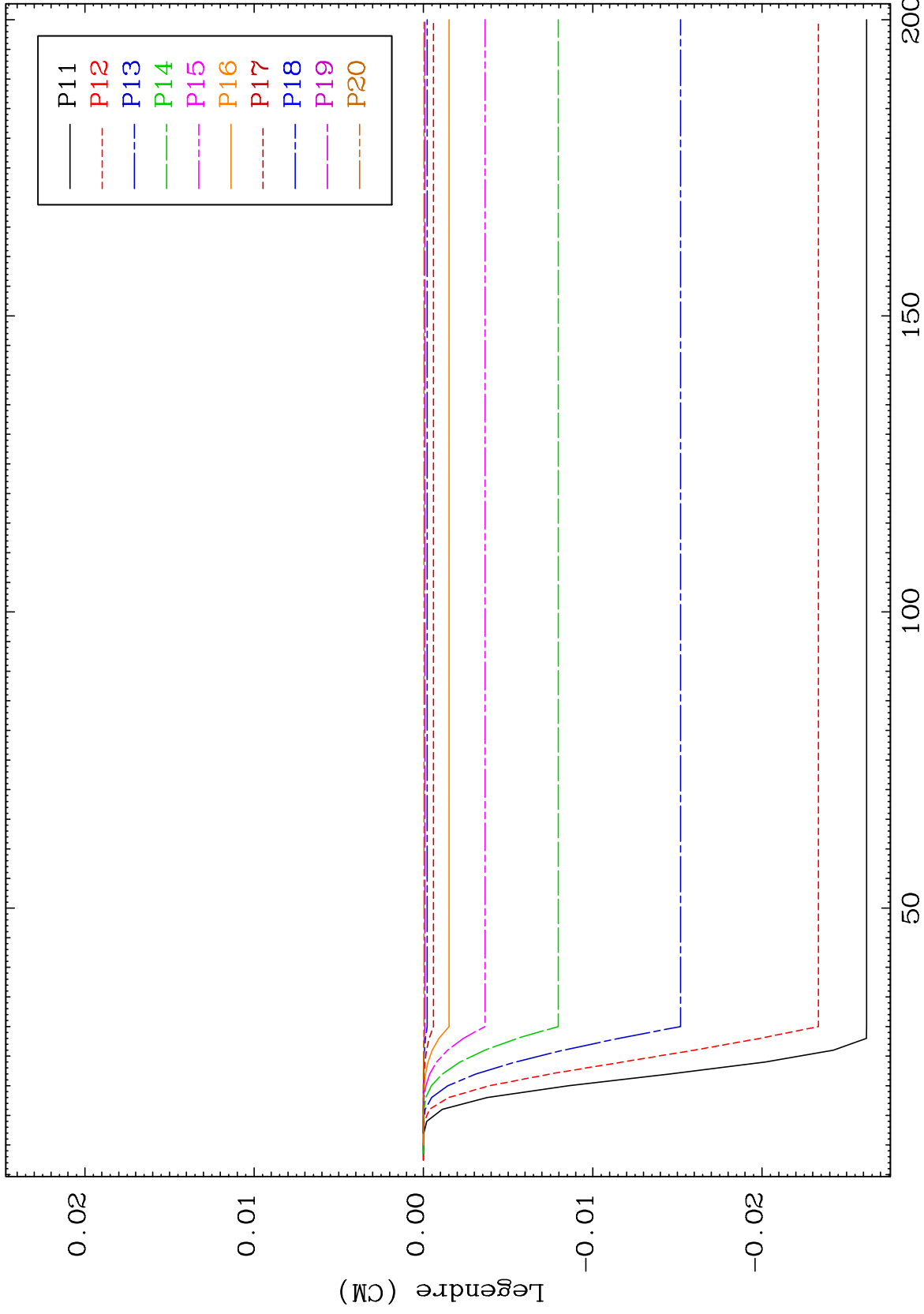


18-Ar-36

MAT 1825

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

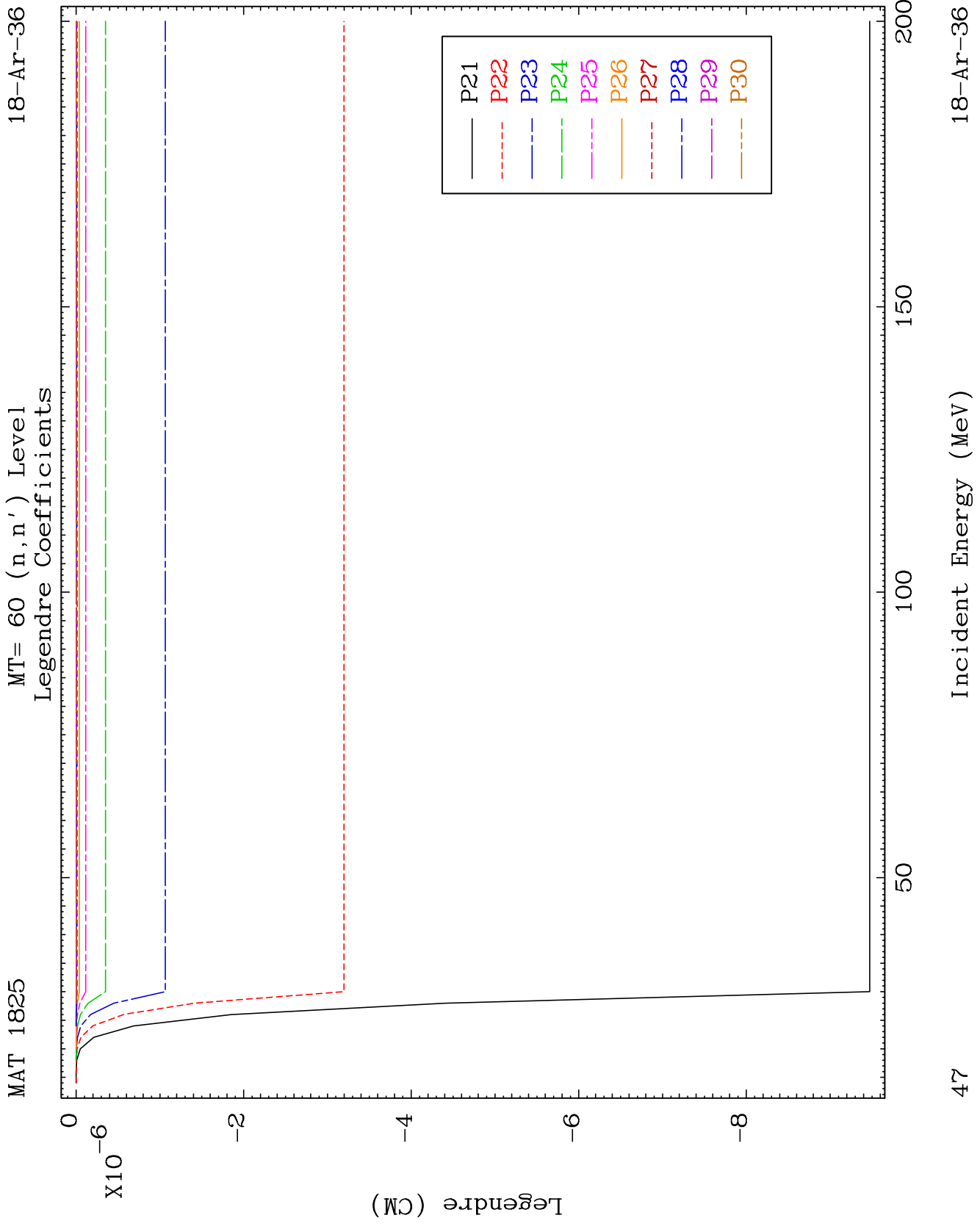
18-Ar-36



46

Incident Energy (MeV)

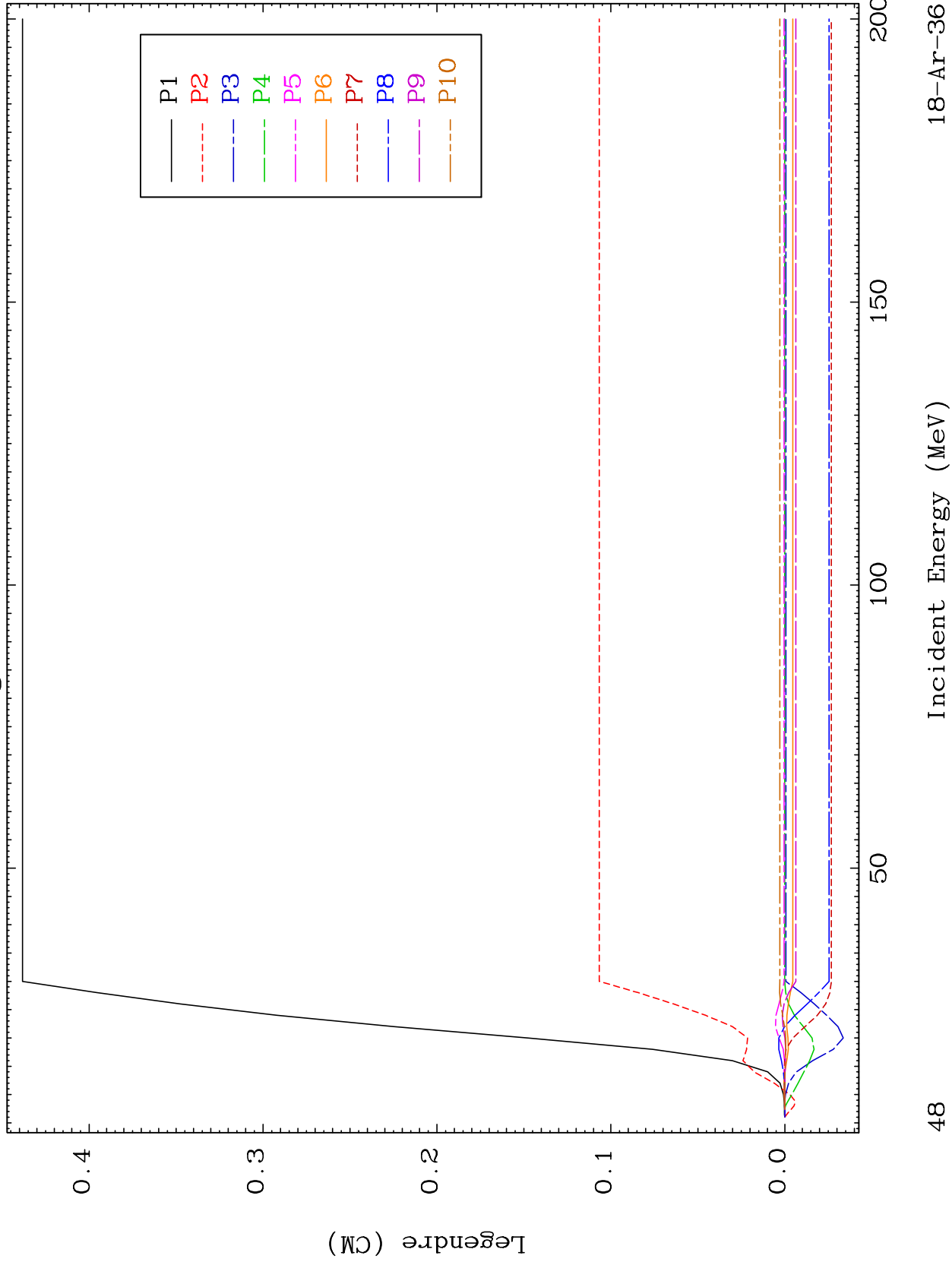
18-Ar-36

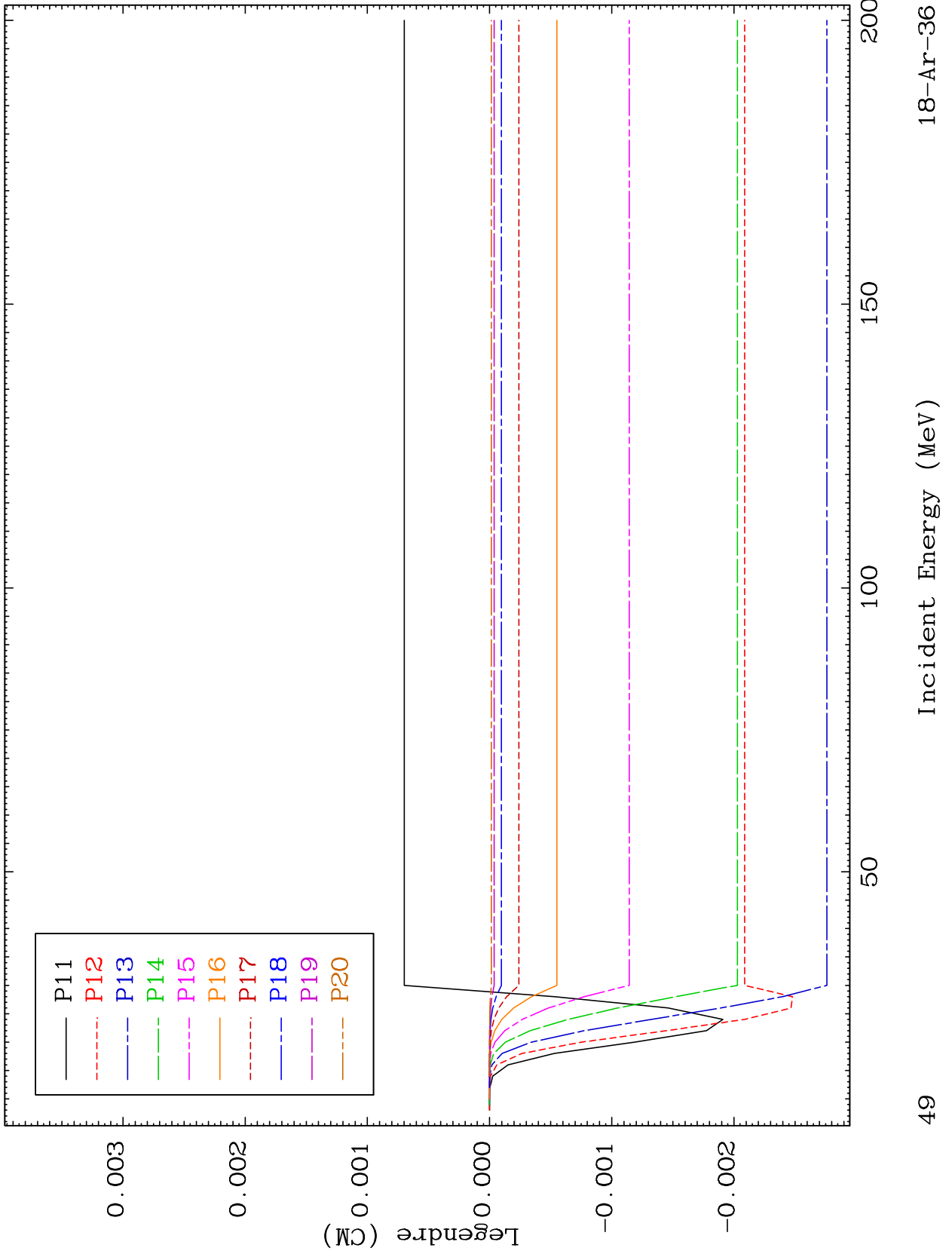


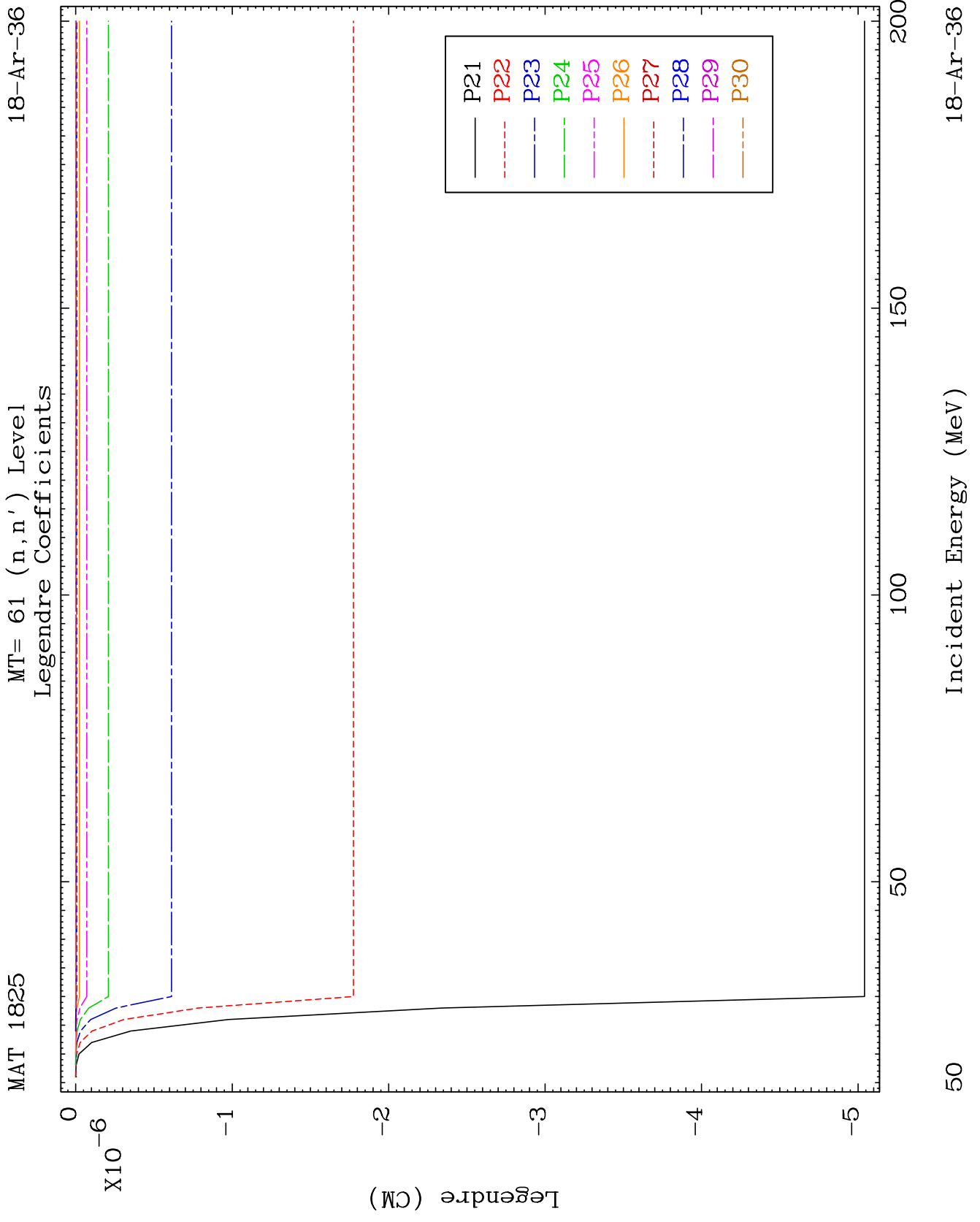
MAT 1825

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

18-Ar-36



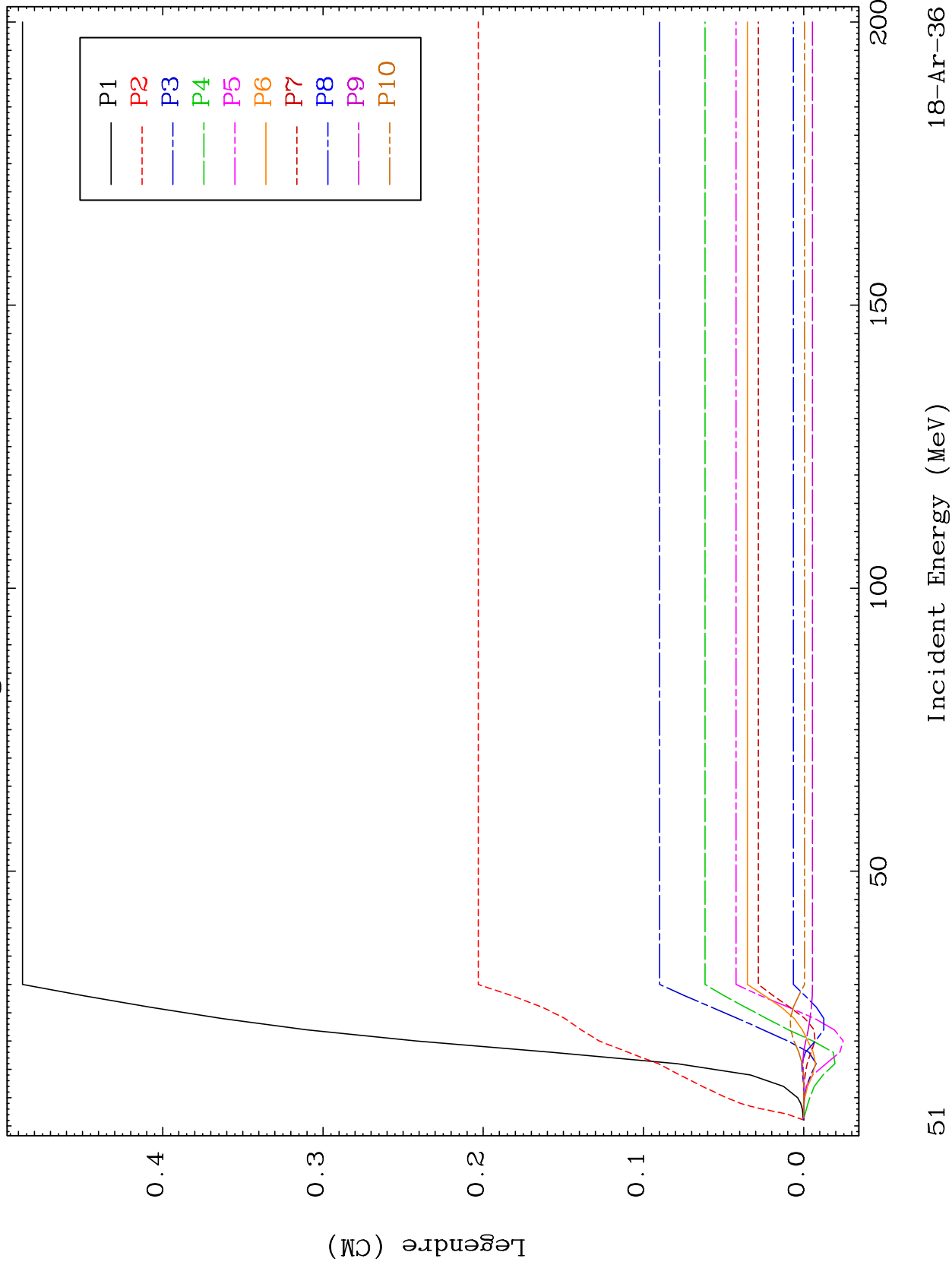




MAT 1825

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

18-Ar-36



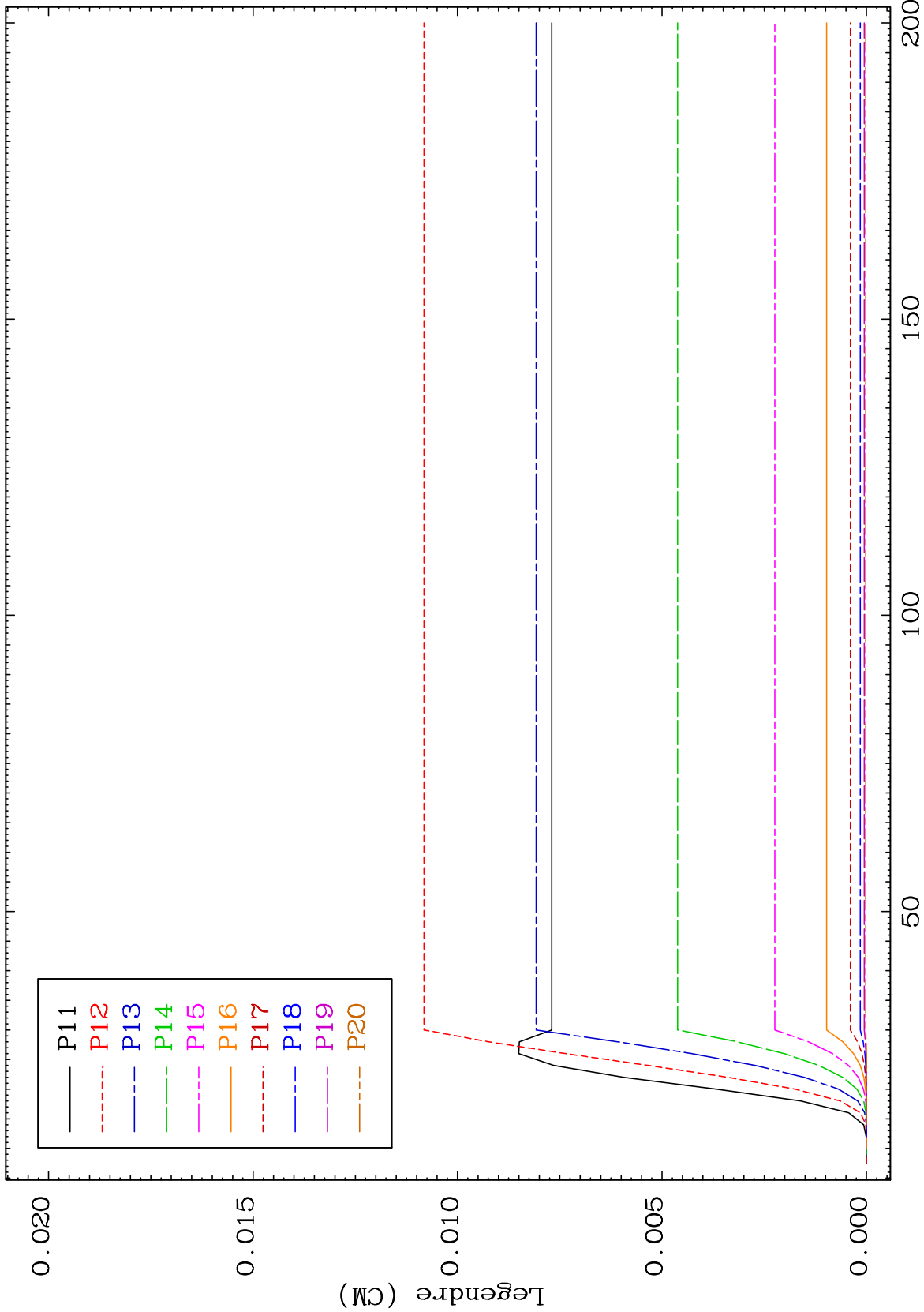
51

18-Ar-36

MAT 1825

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

18-Ar-36



52

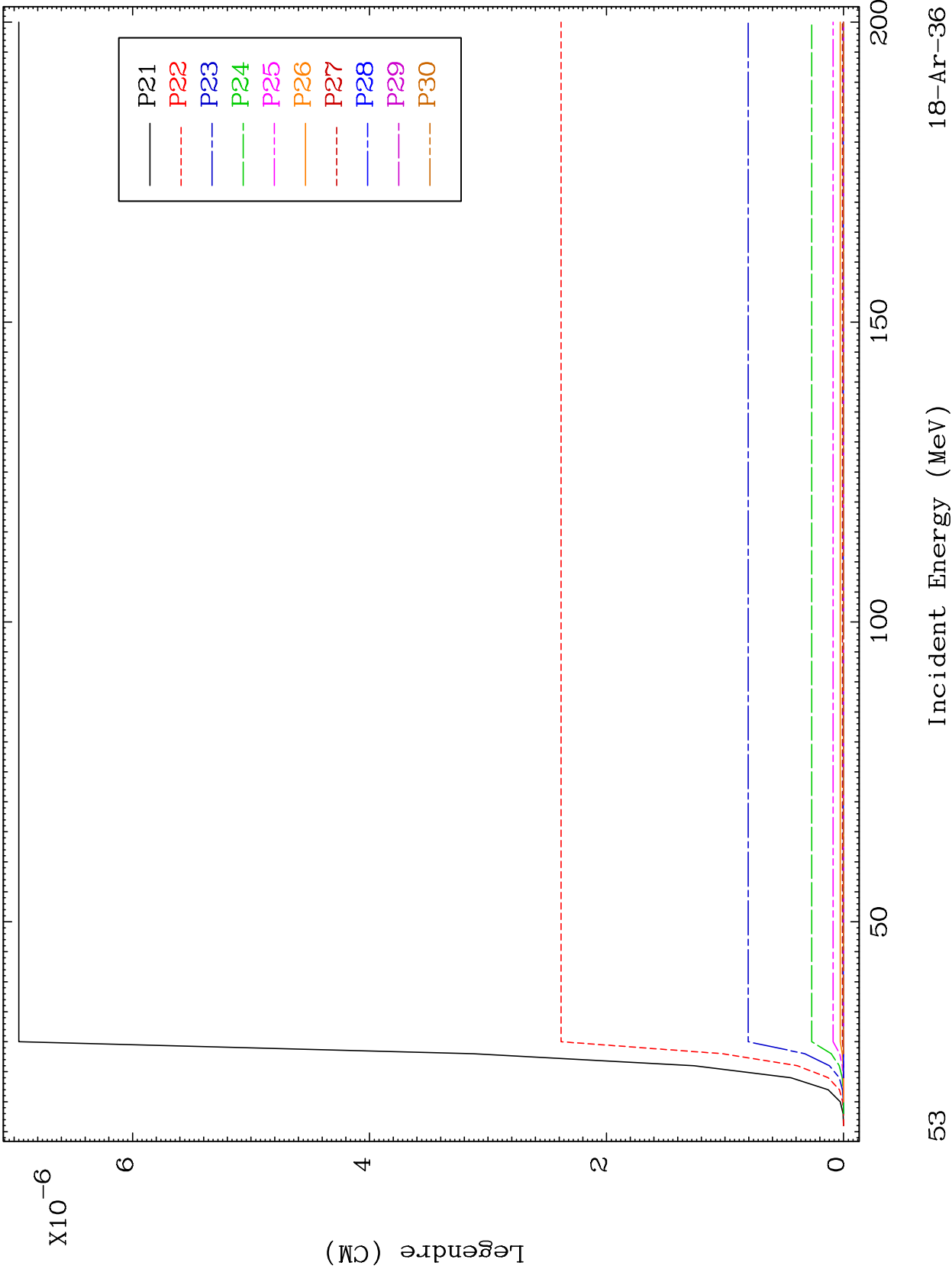
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



53

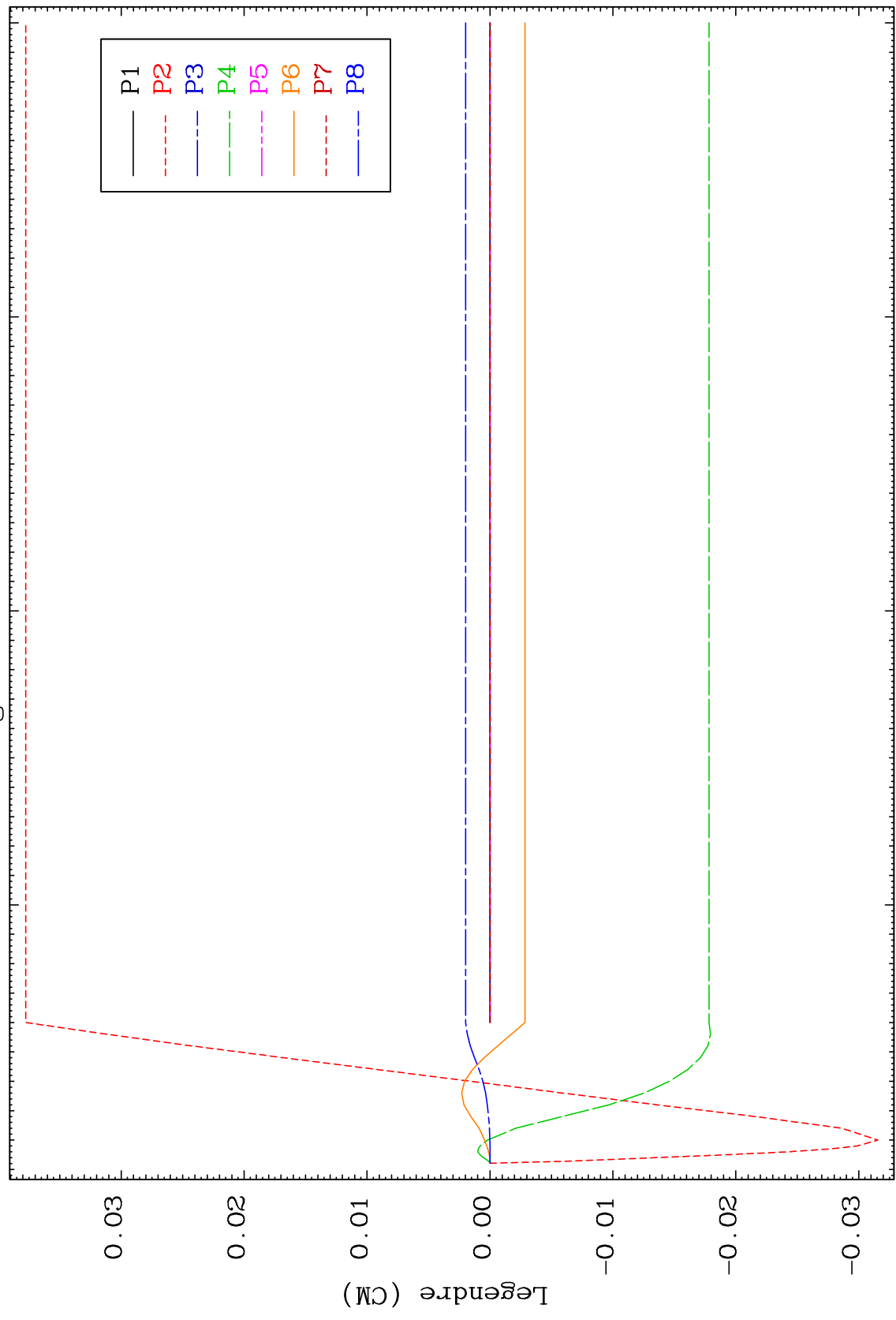
18-Ar-36

200

MAT 1825

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

18-Ar-36



54

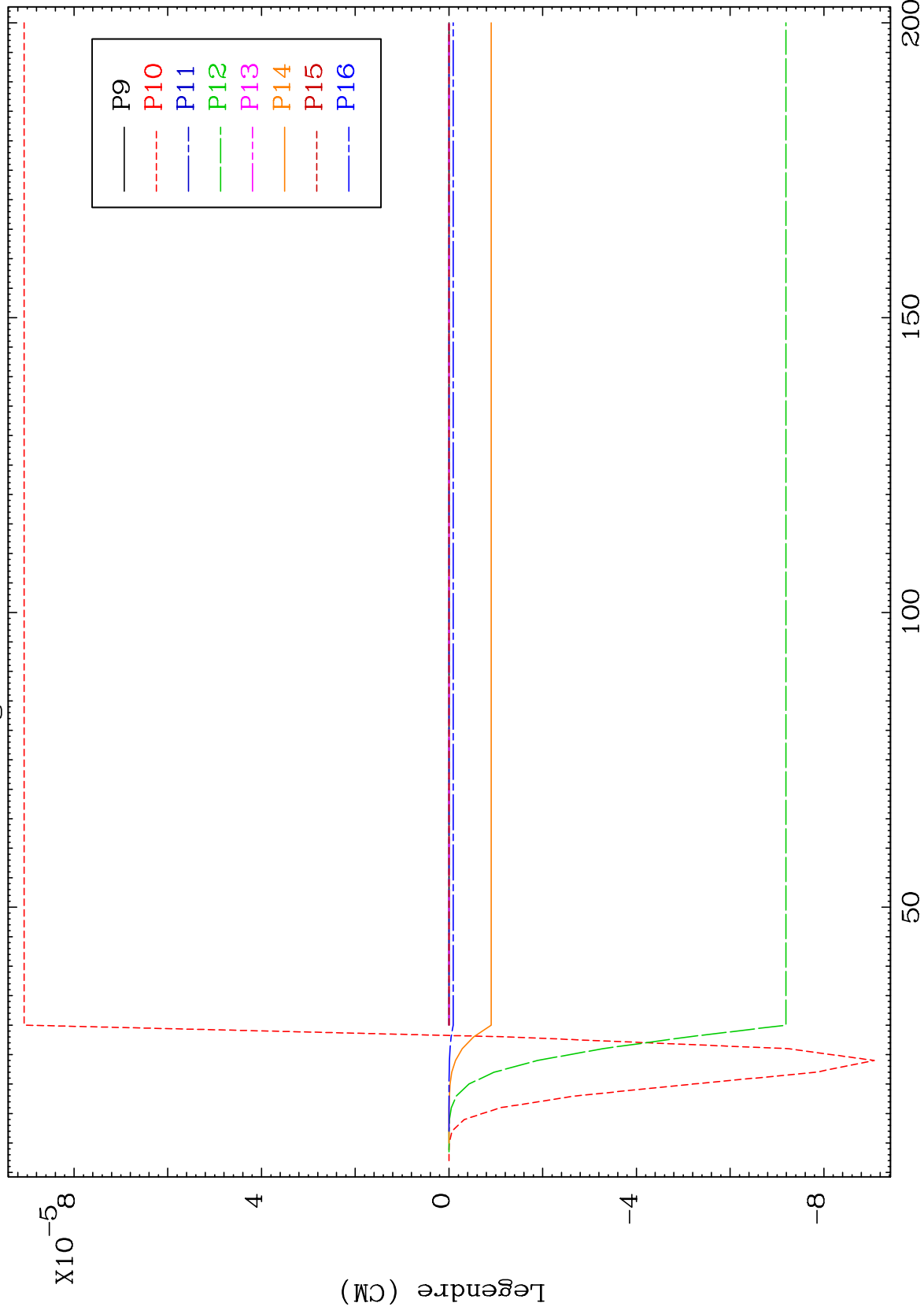
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

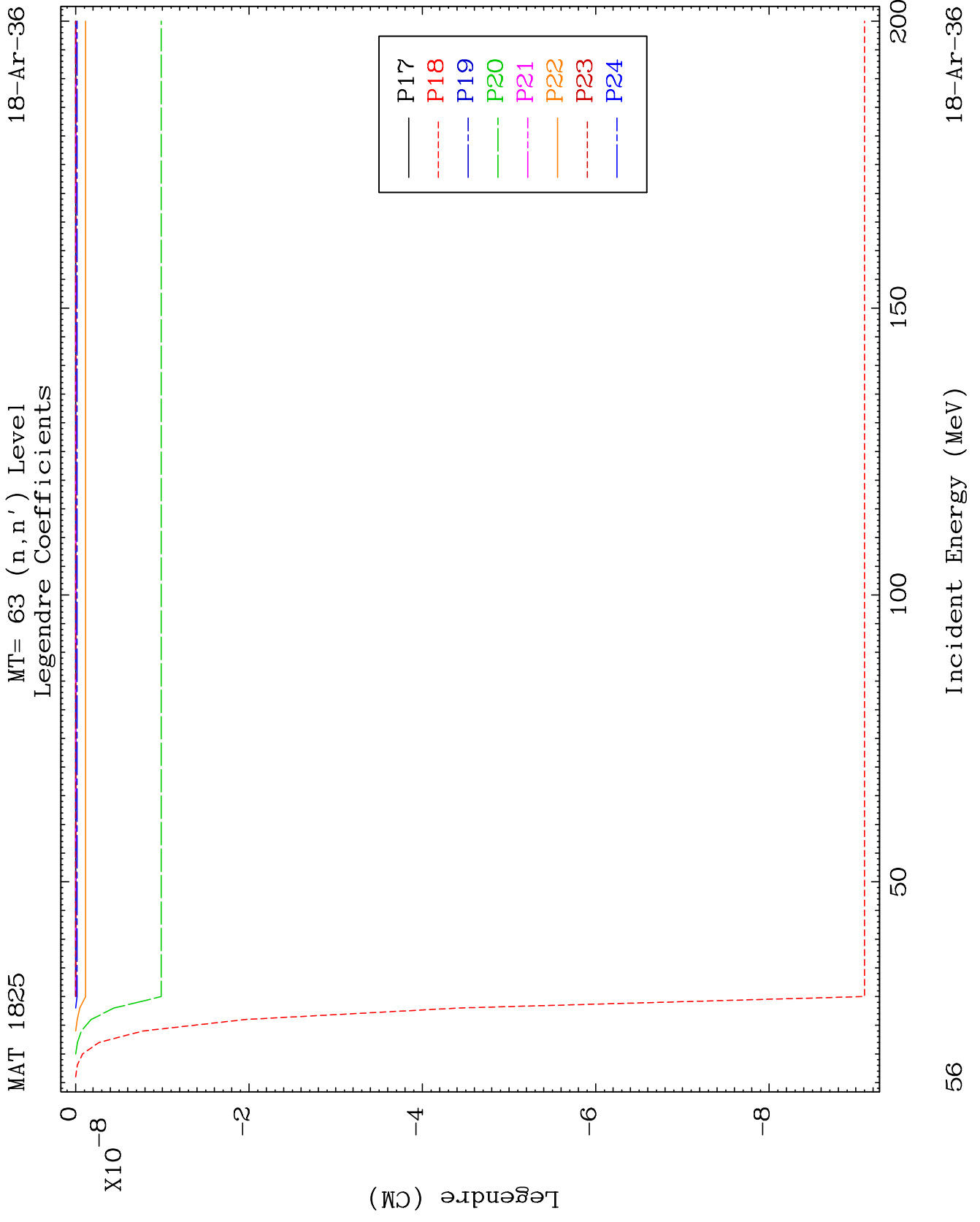
18-Ar-36



55

Incident Energy (MeV)

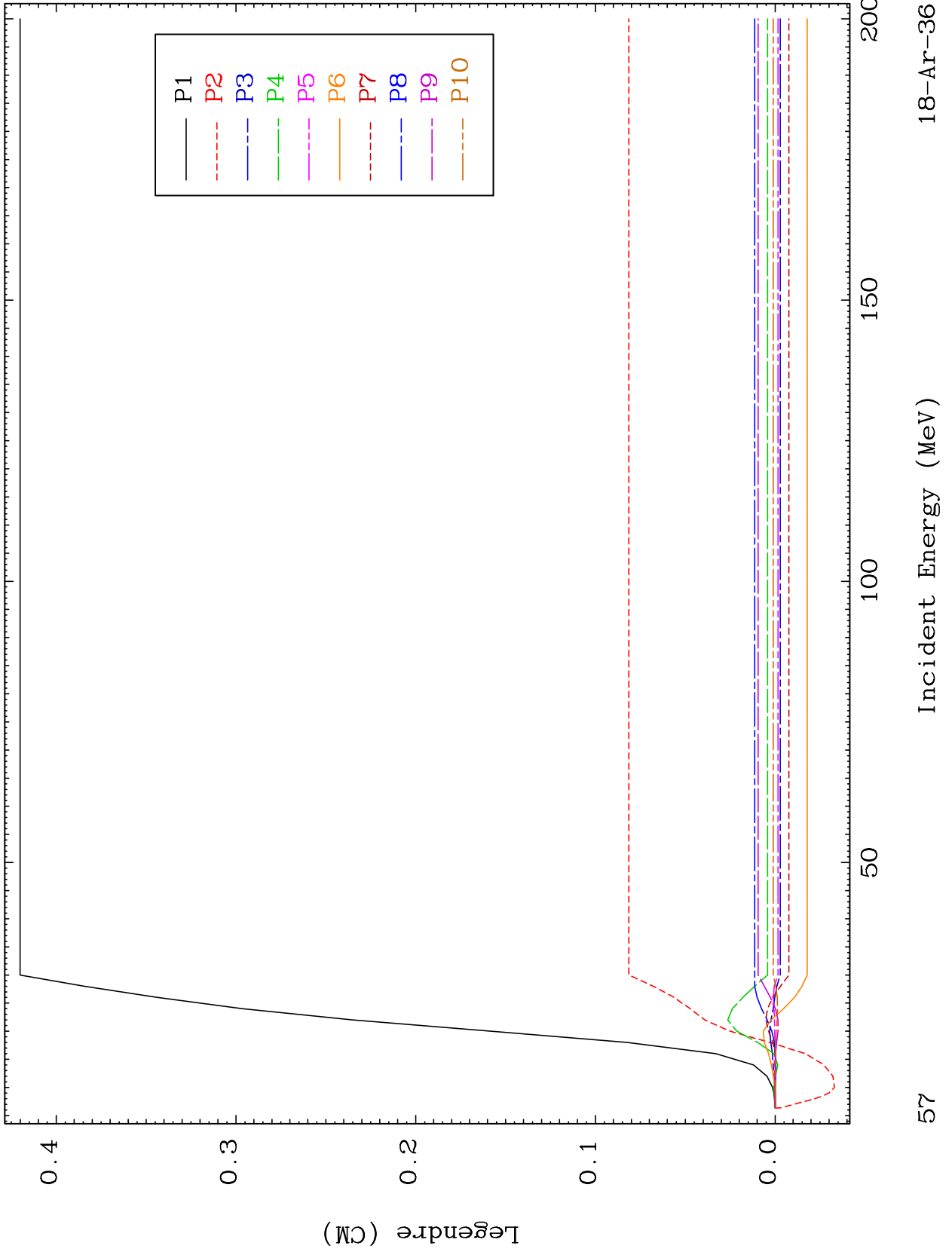
18-Ar-36



MAT 1825

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

18-Ar-36



57

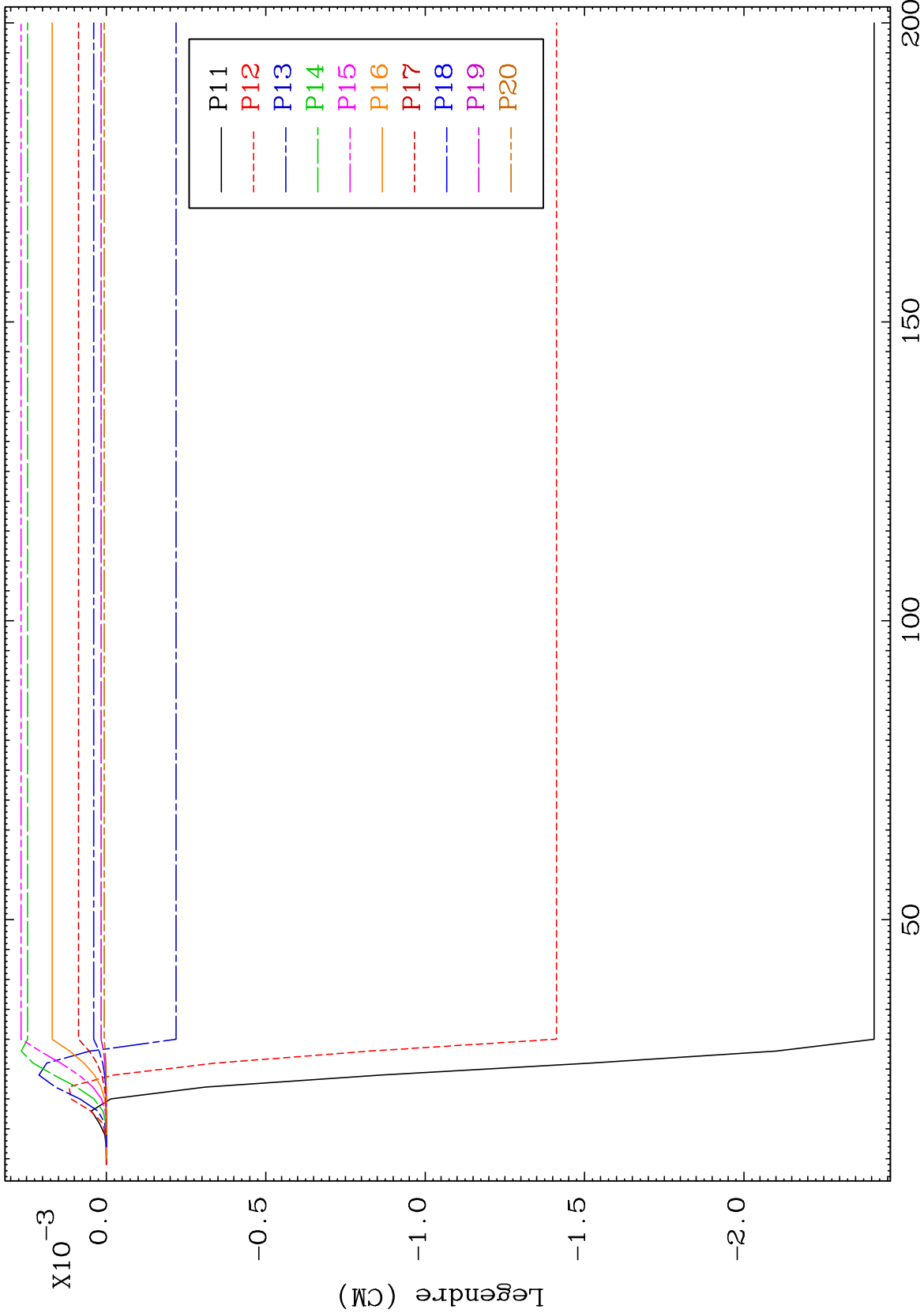
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



58

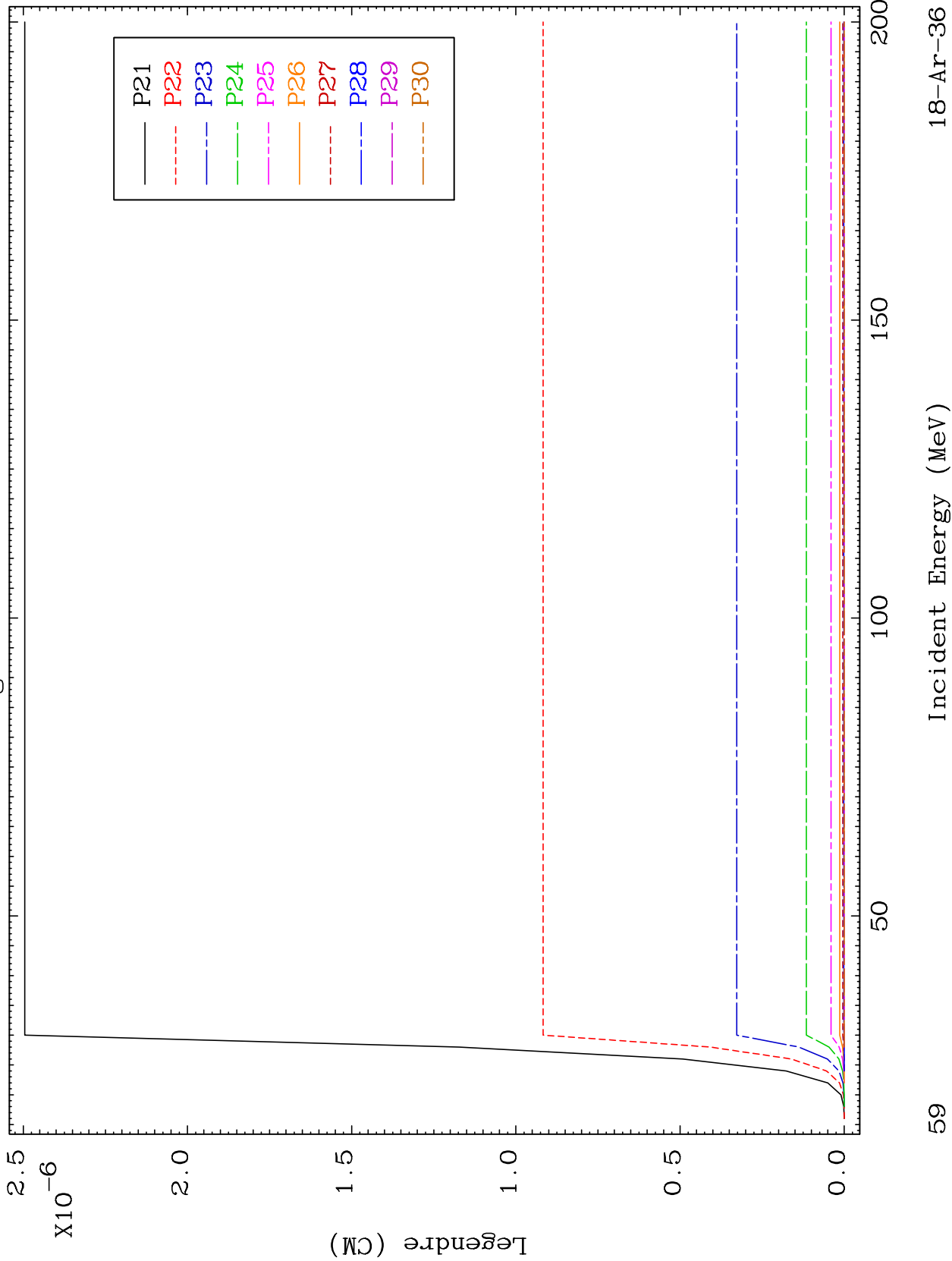
Incident Energy (MeV)

18-Ar-36

MAT 1825

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

18-Ar-36



59

Incident Energy (MeV)

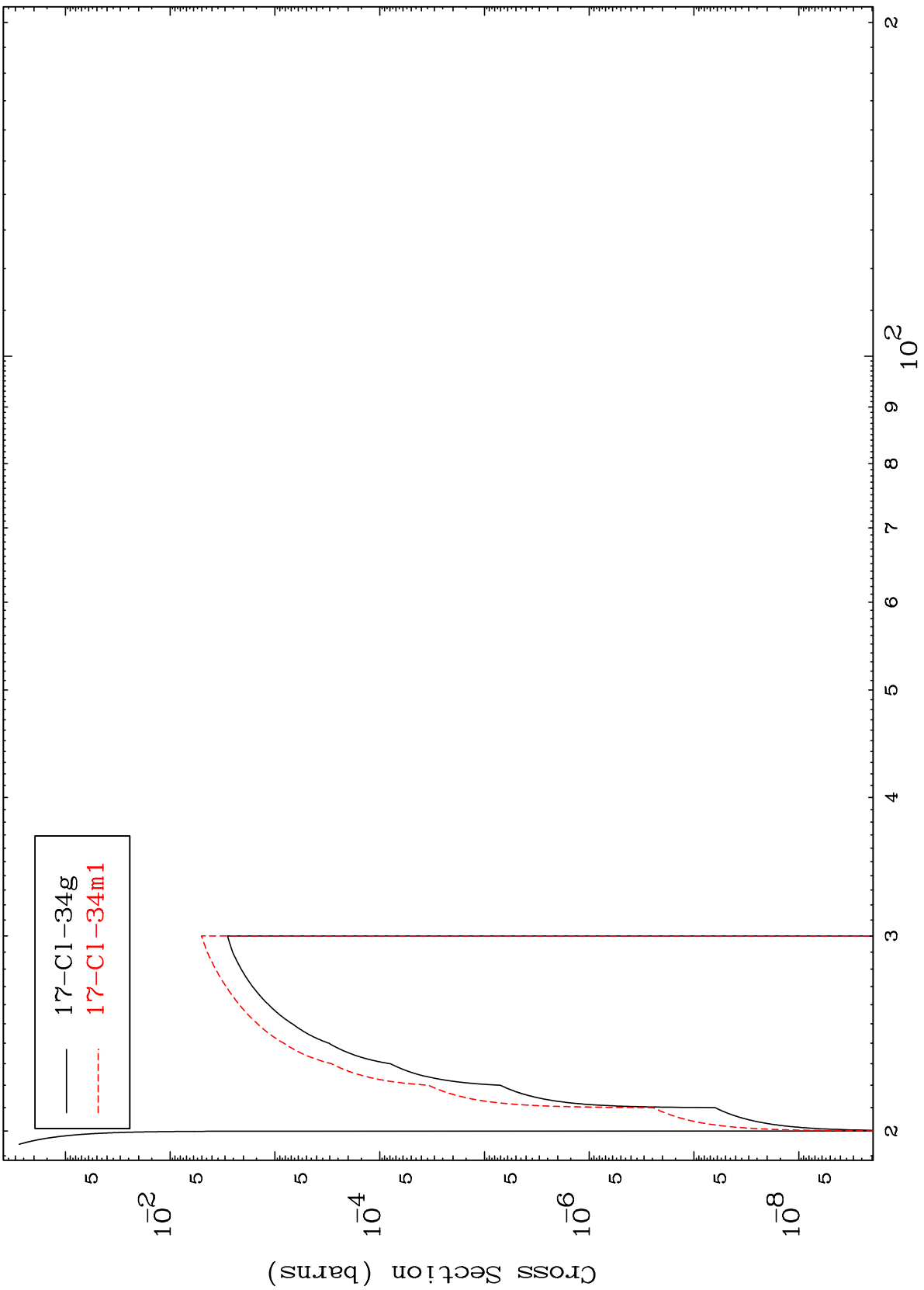
18-Ar-36

MAT 1825

(n,n') d

18-Ar-36

Radionuclide Production Cross Section



60

Incident Energy (MeV)

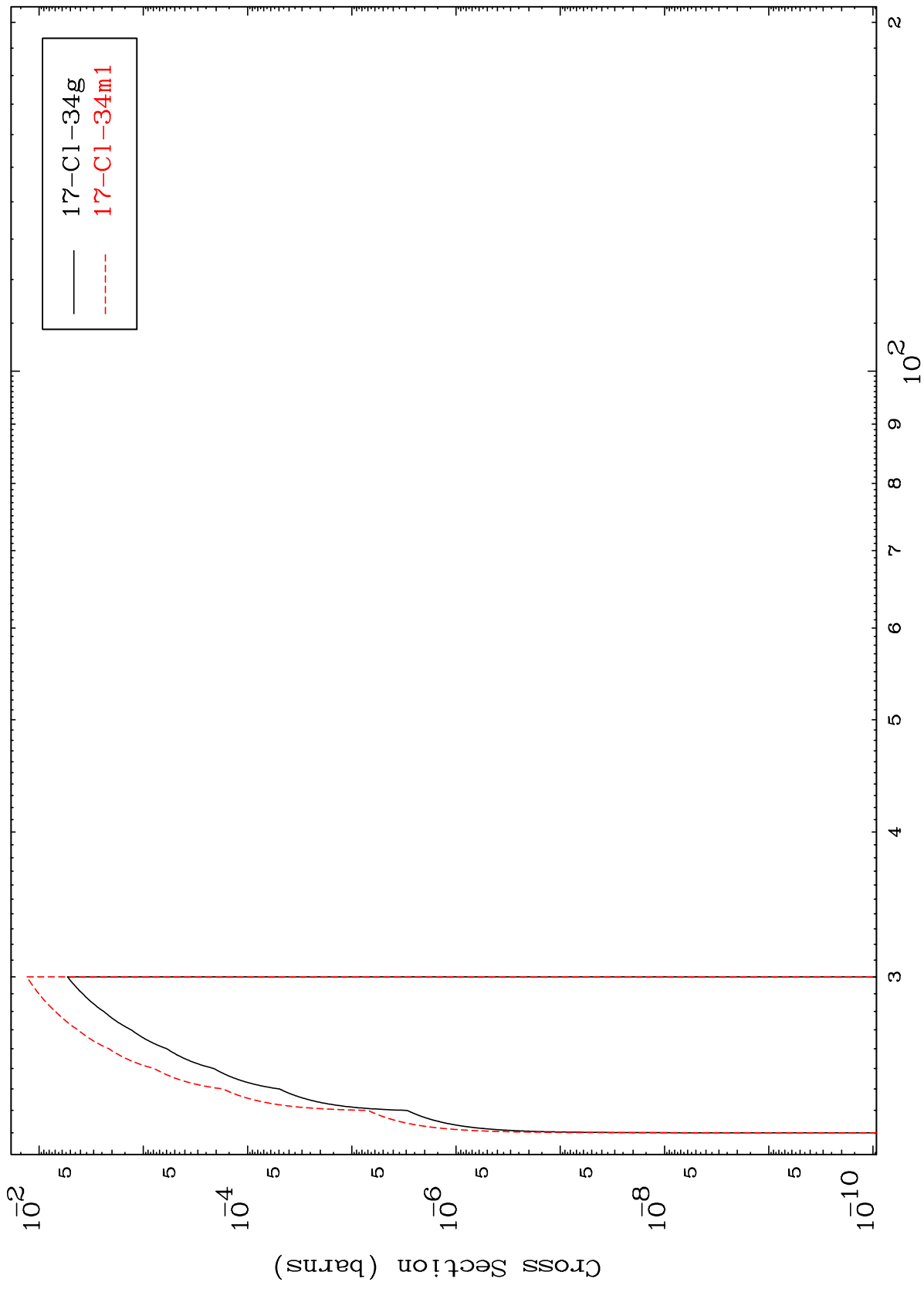
18-Ar-36

MAT 1825

(n,2n) p

18-Ar-36

Radionuclide Production Cross Section



61

Incident Energy (MeV)

18-Ar-36

Radionuclide Production Cross Section

