

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)

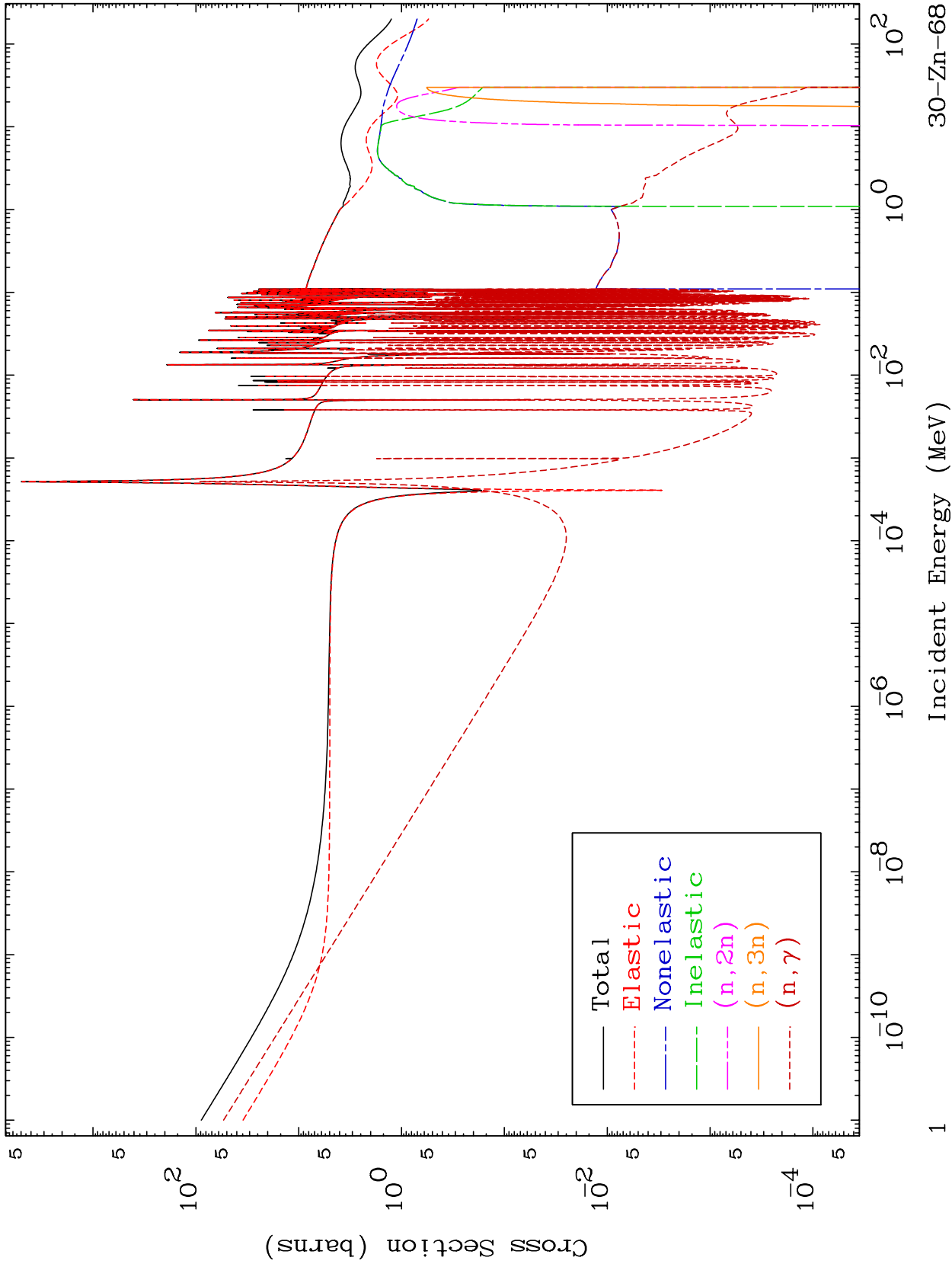
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 3037

Neutron Major  
293 Kelvin Cross Sections

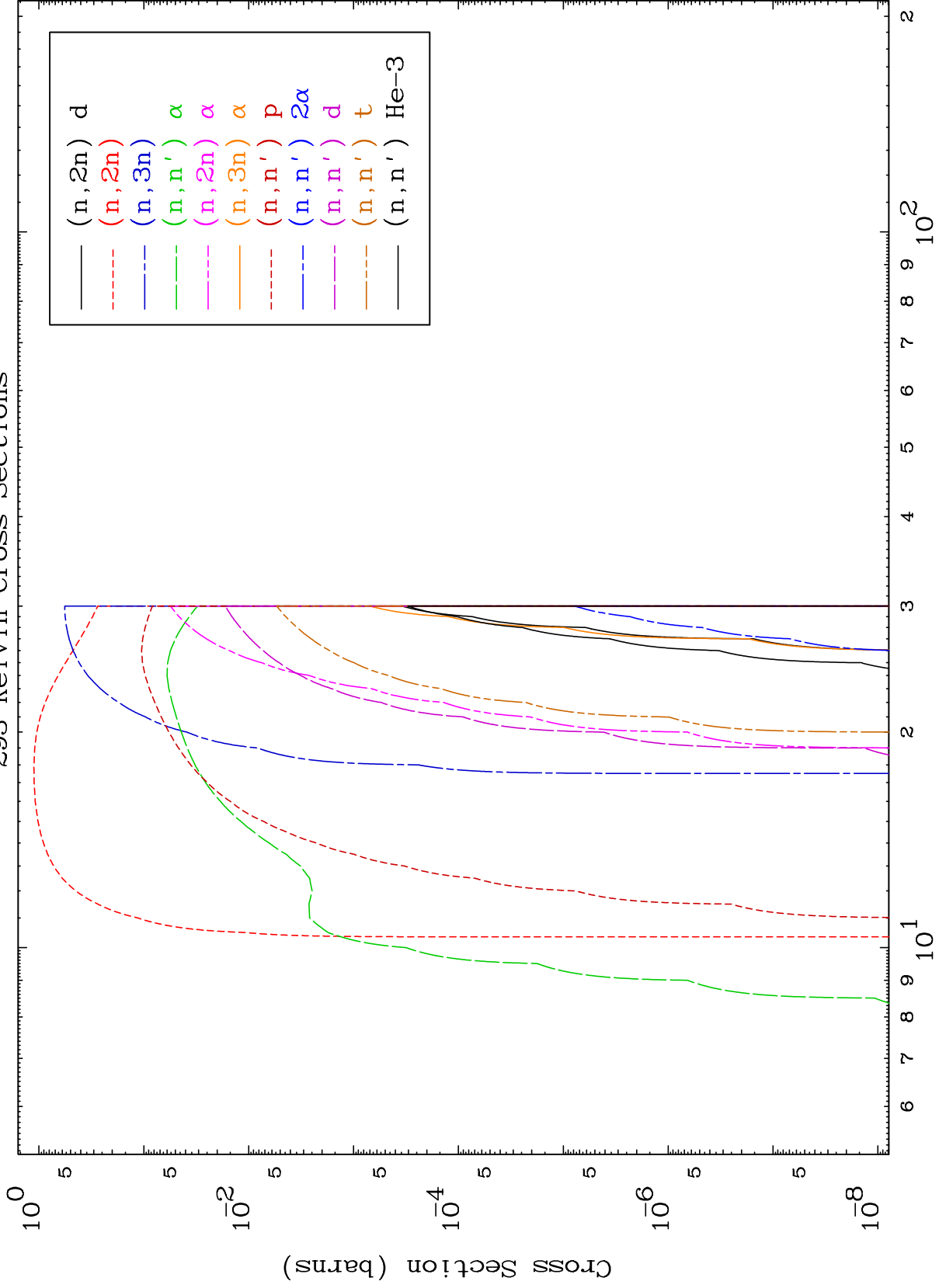
30-Zn-68

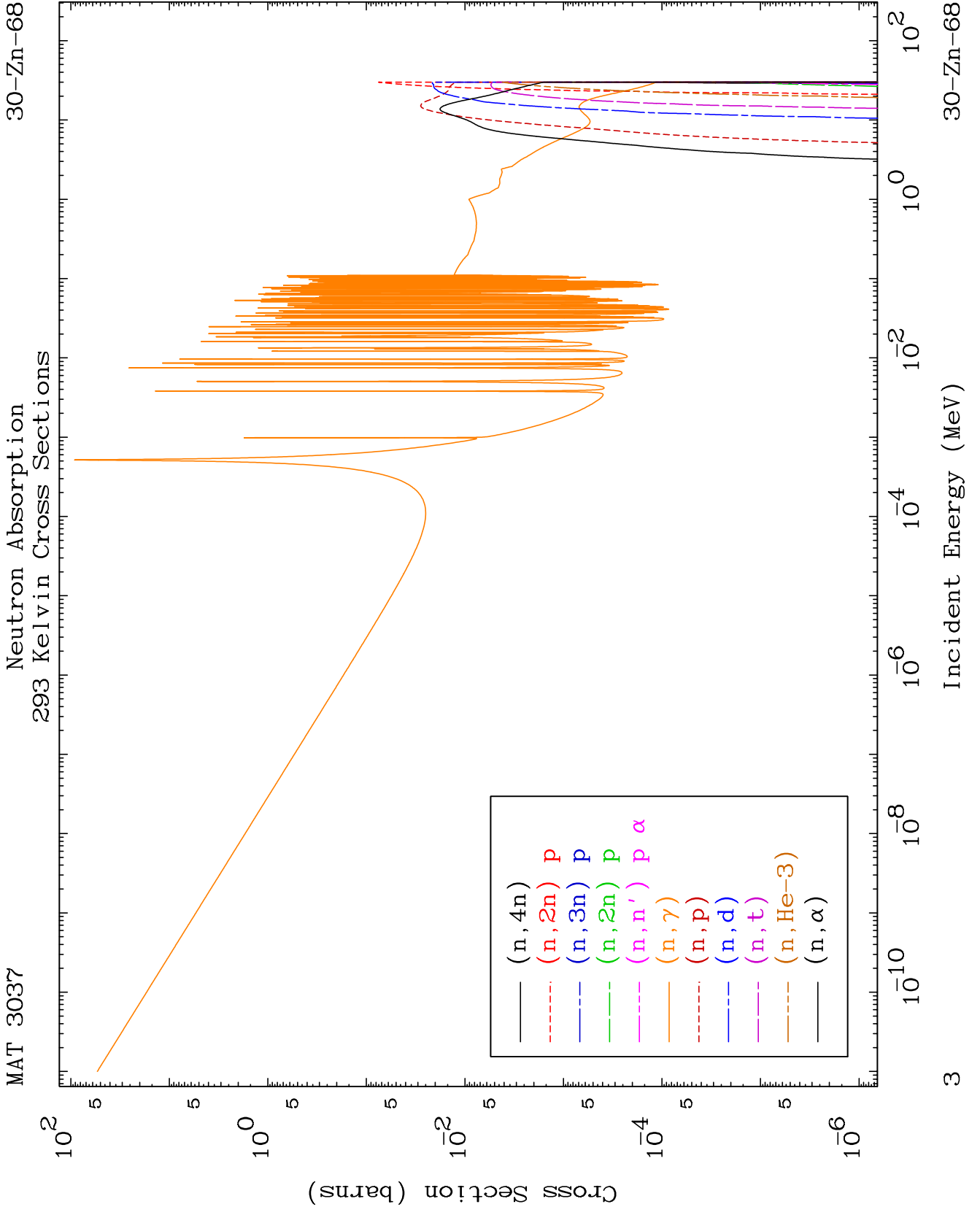


MAT 3037

Neutron Absorption  
293 Kelvin Cross Sections

30-Zn-68

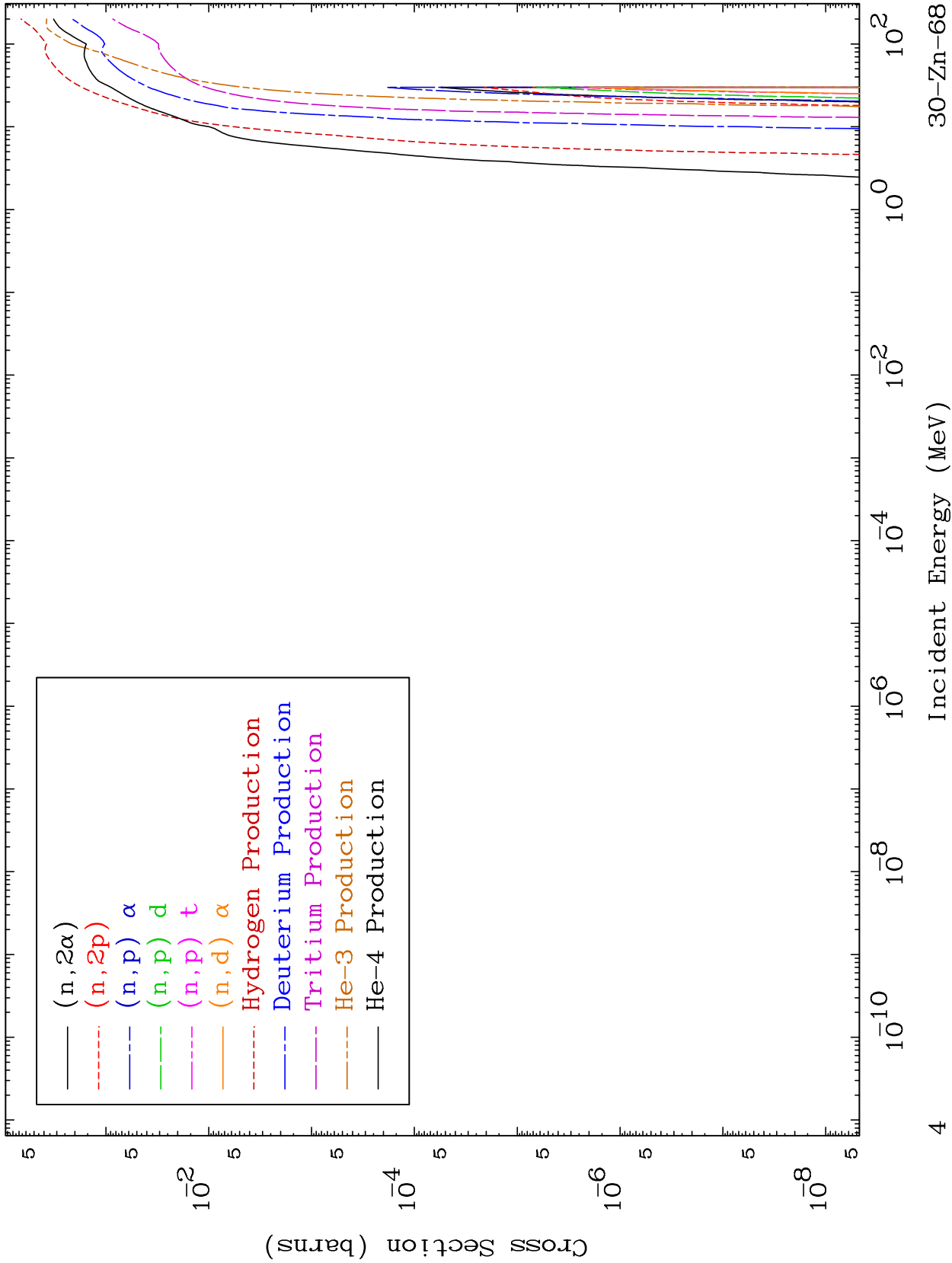


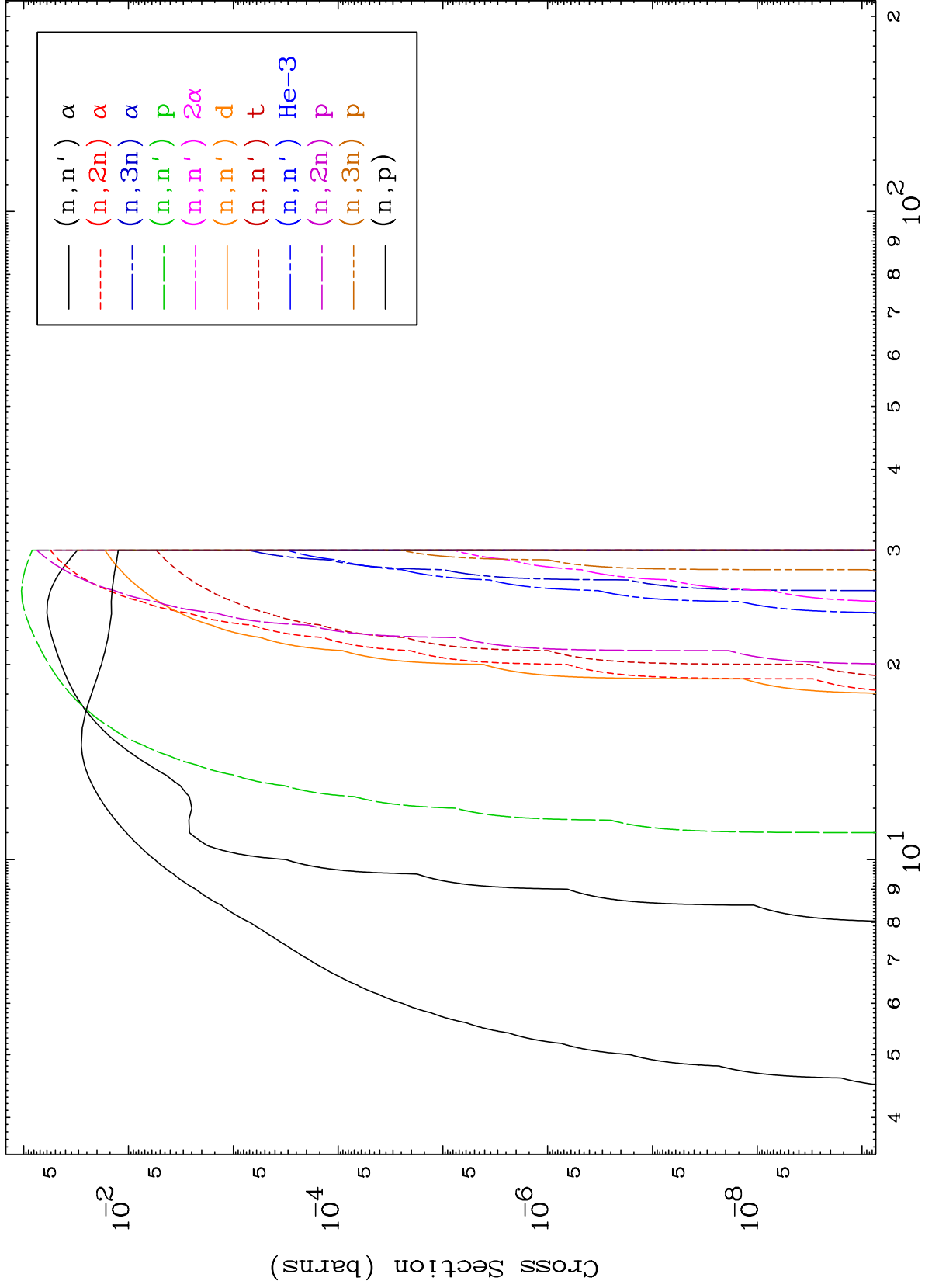


MAT 3037

Neutron Absorption  
293 Kelvin Cross Sections

30-Zn-68

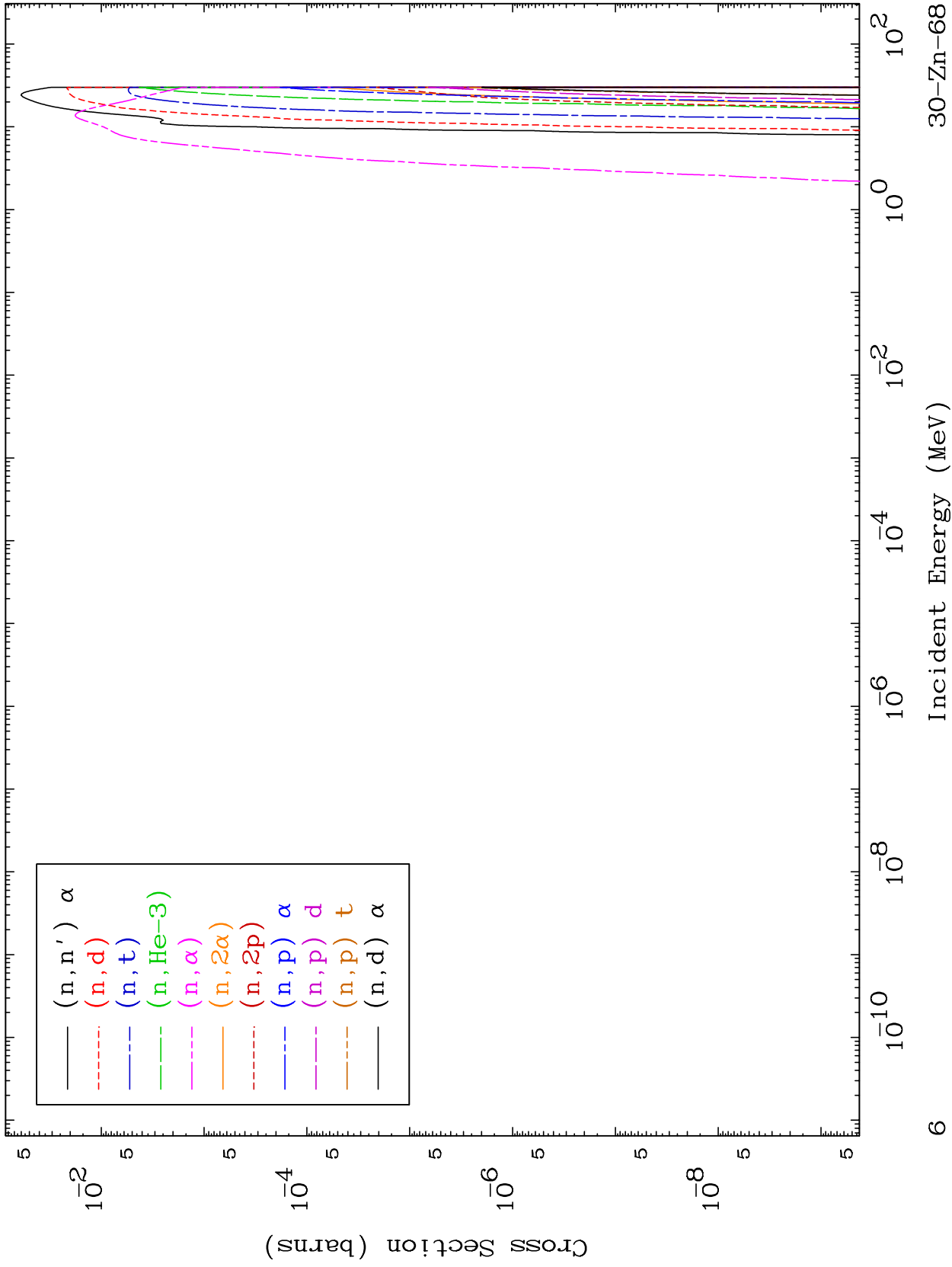




MAT 3037

Charged Particle  
293 Kelvin Cross Sections

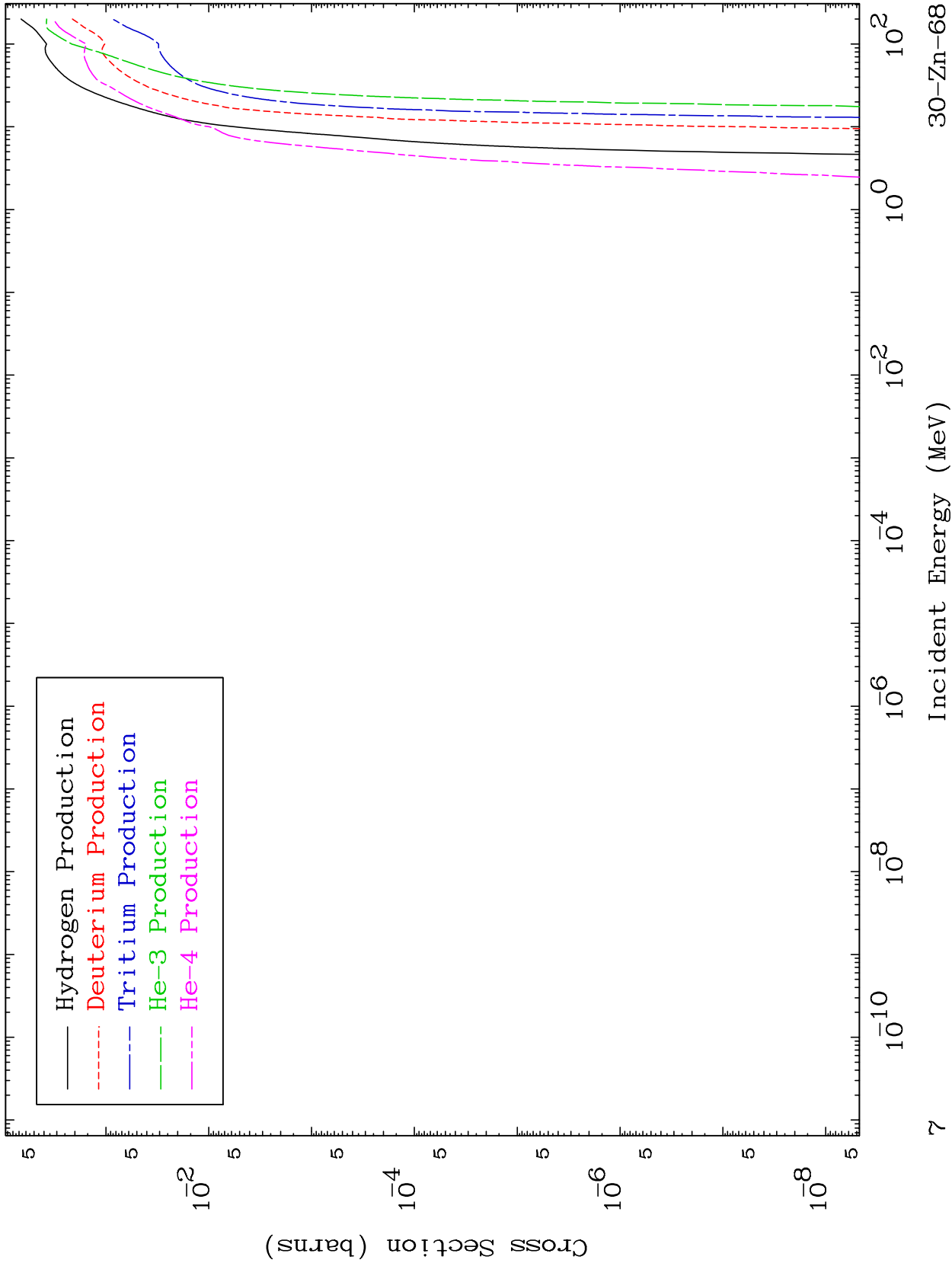
30-Zn-68



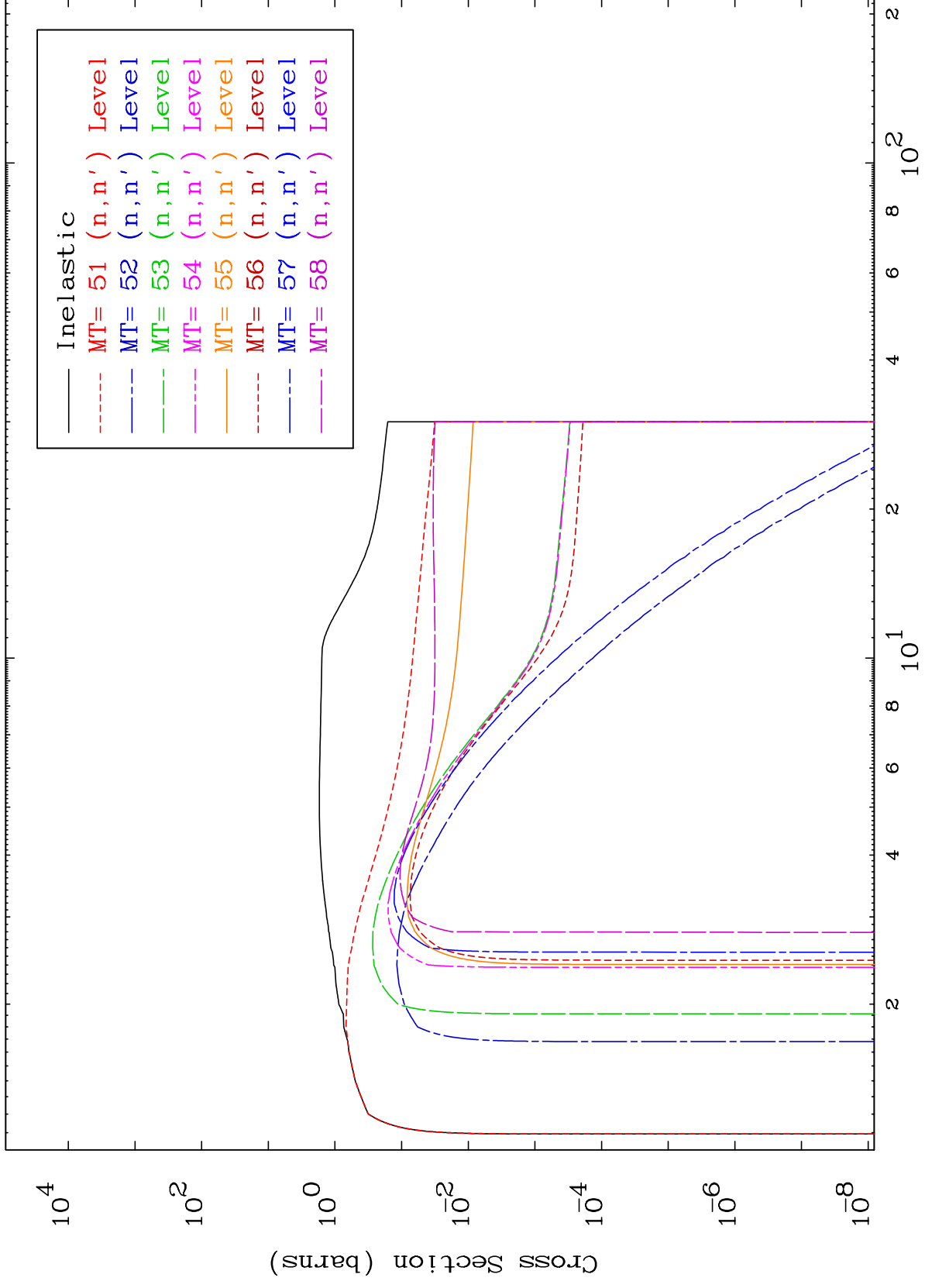
MAT 3037

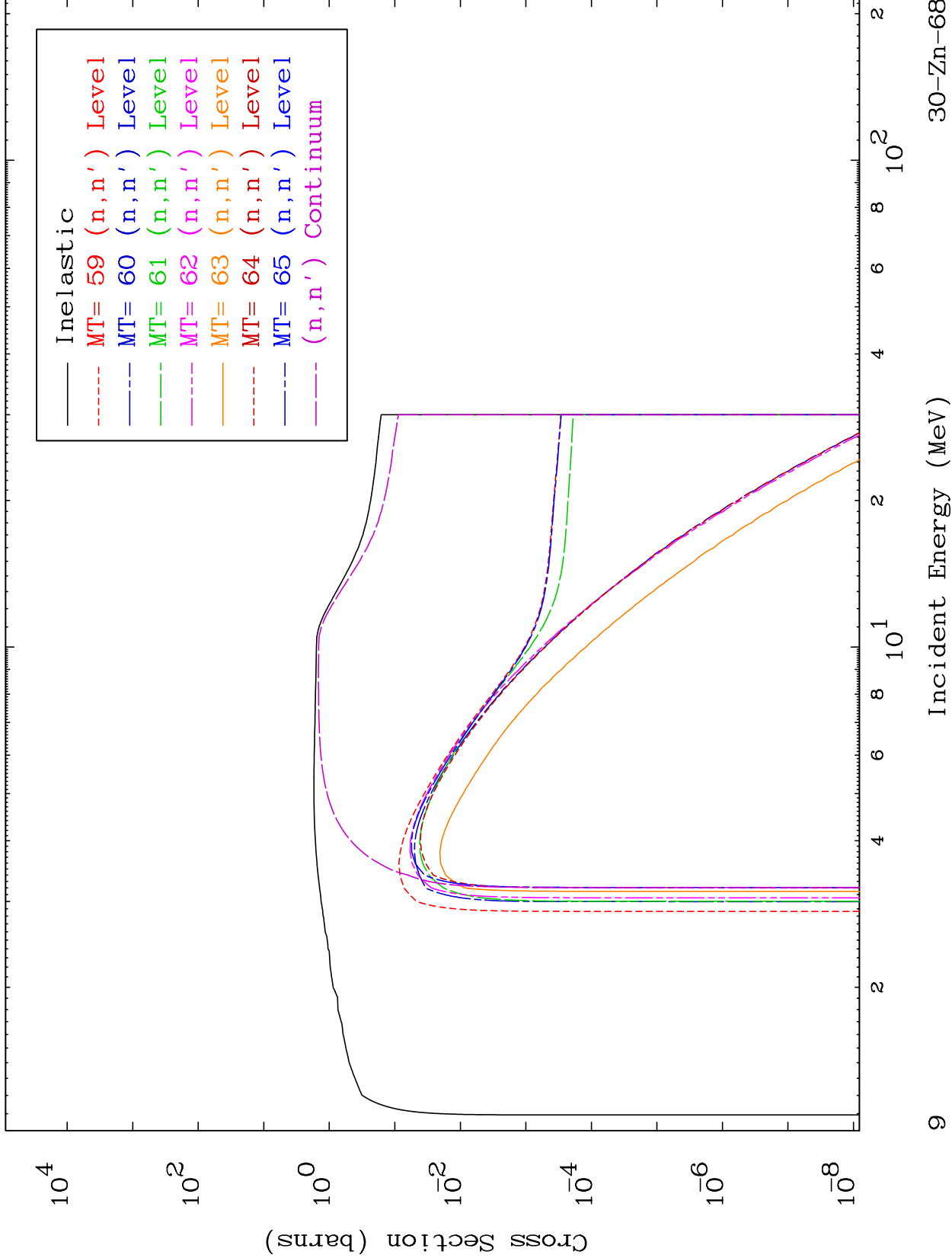
Particle Production  
293 Kelvin Cross Sections

30-Zn-68





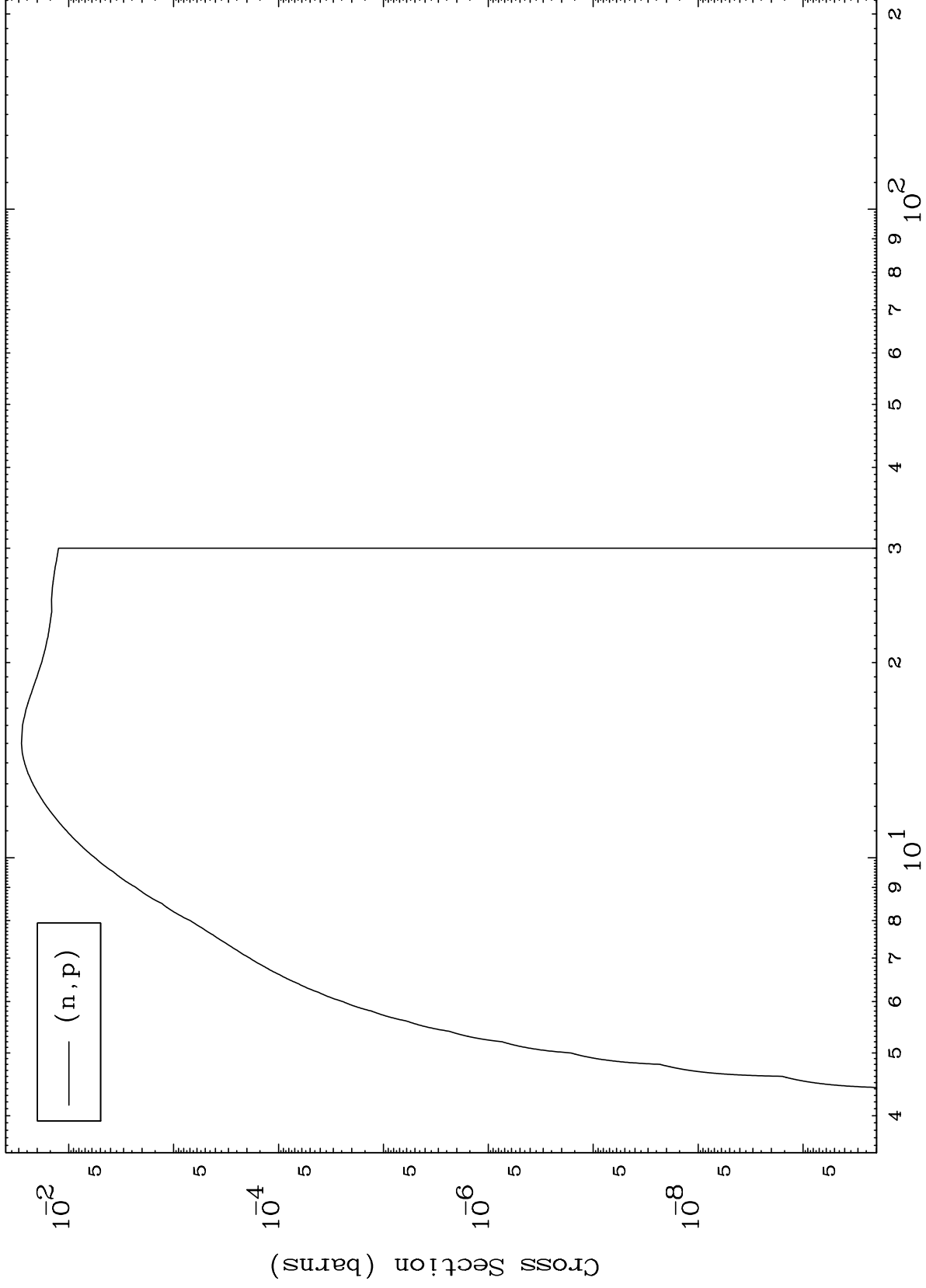




MAT 3037

(n,p) Levels  
293 Kelvin Cross Sections

30-Zn-68



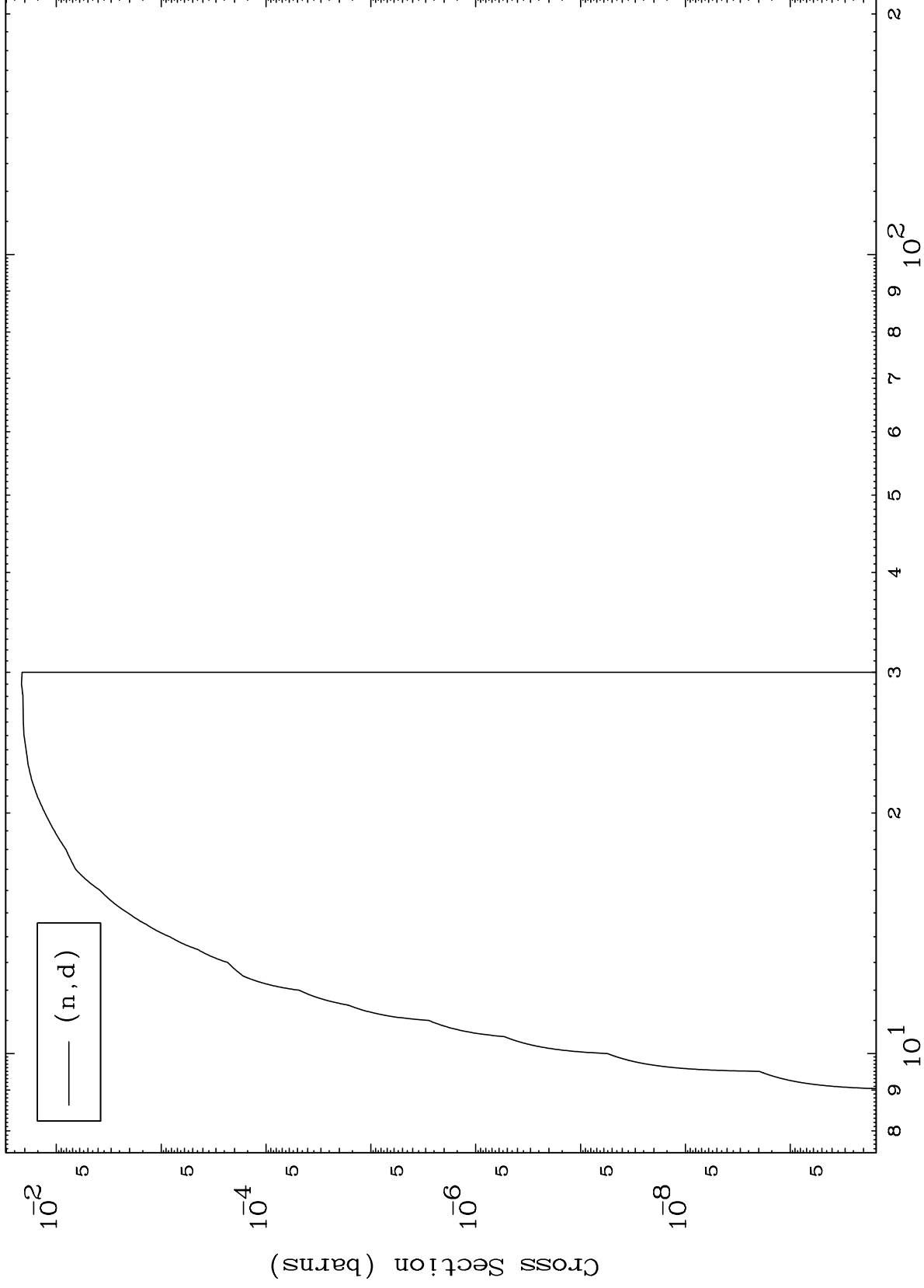
Incident Energy (MeV)

30-Zn-68

MAT 3037

(n,d) Levels  
293 Kelvin Cross Sections

30-Zn-68



11

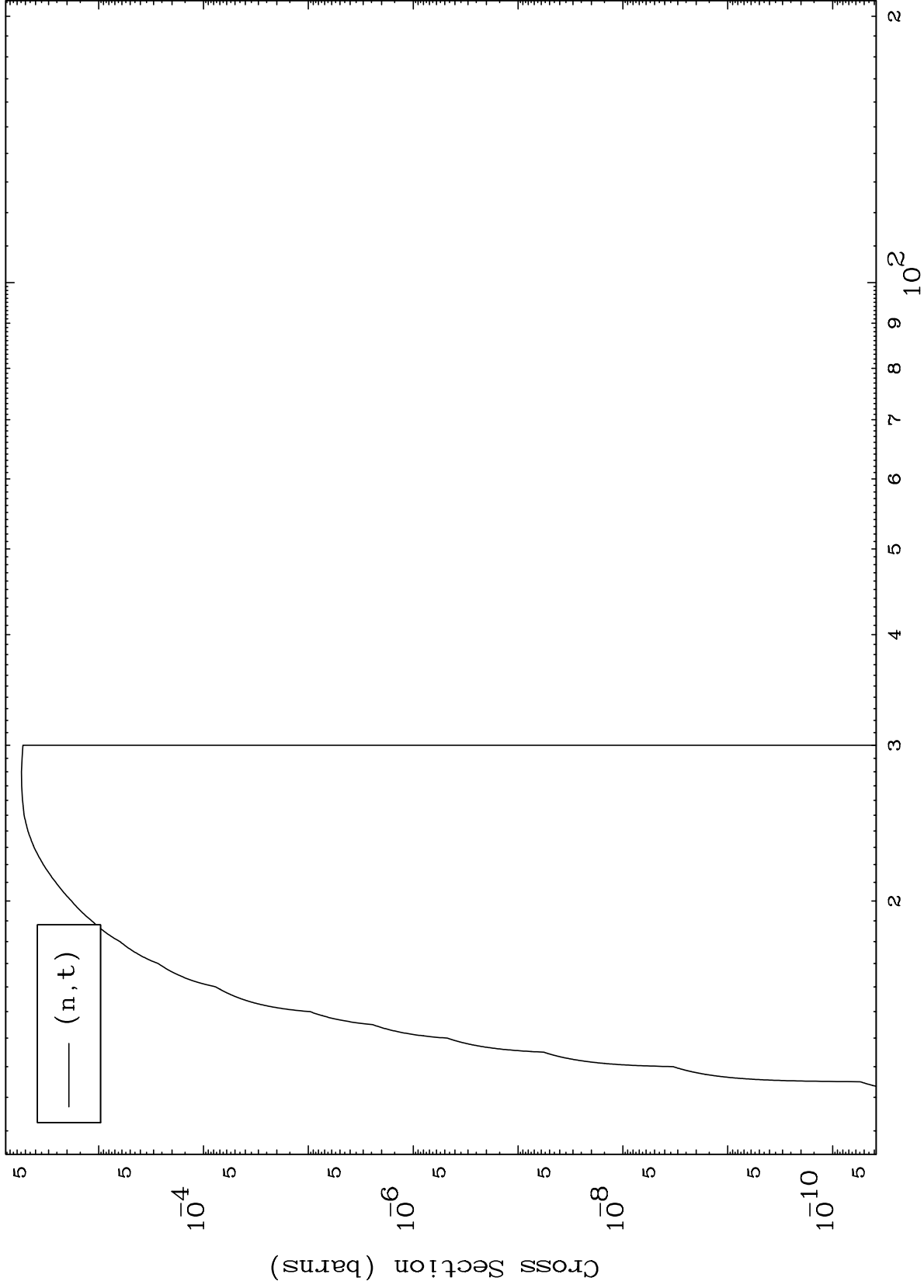
Incident Energy (MeV)

30-Zn-68

MAT 3037

(n,t) Levels  
293 Kelvin Cross Sections

30-Zn-68



12

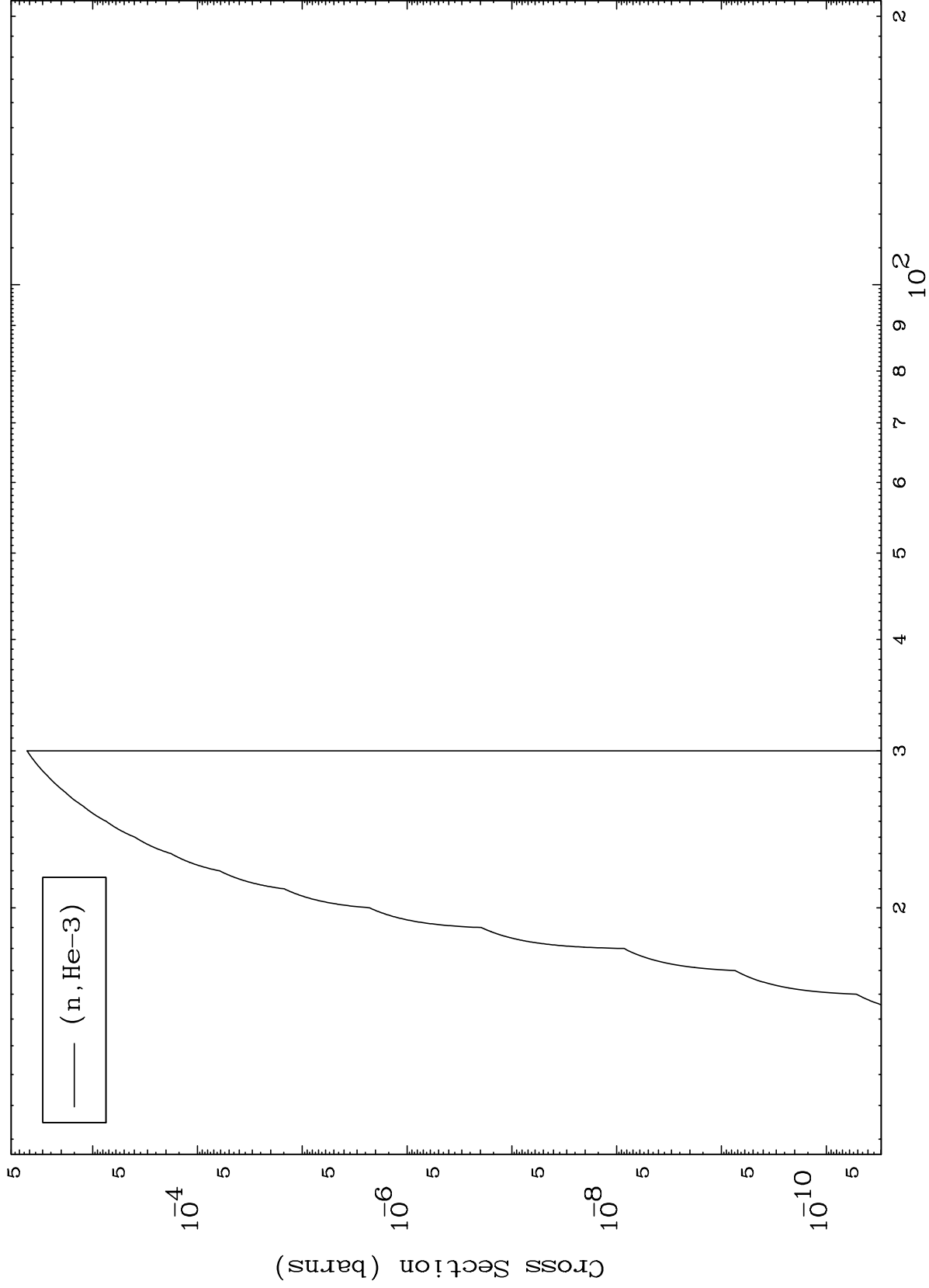
Incident Energy (MeV)

30-Zn-68

MAT 3037

(n,He3) Levels  
293 Kelvin Cross Sections

30-Zn-68



13

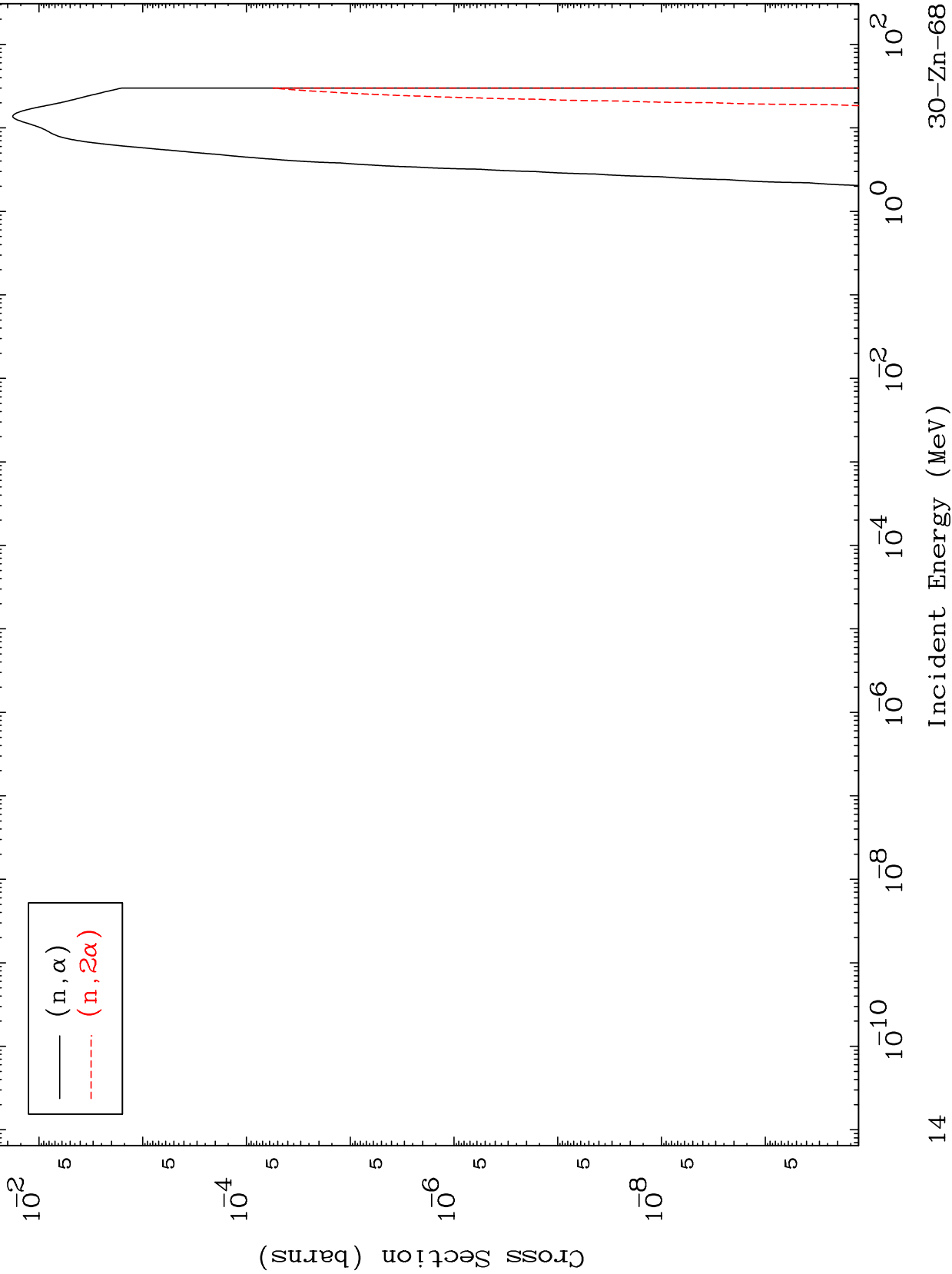
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

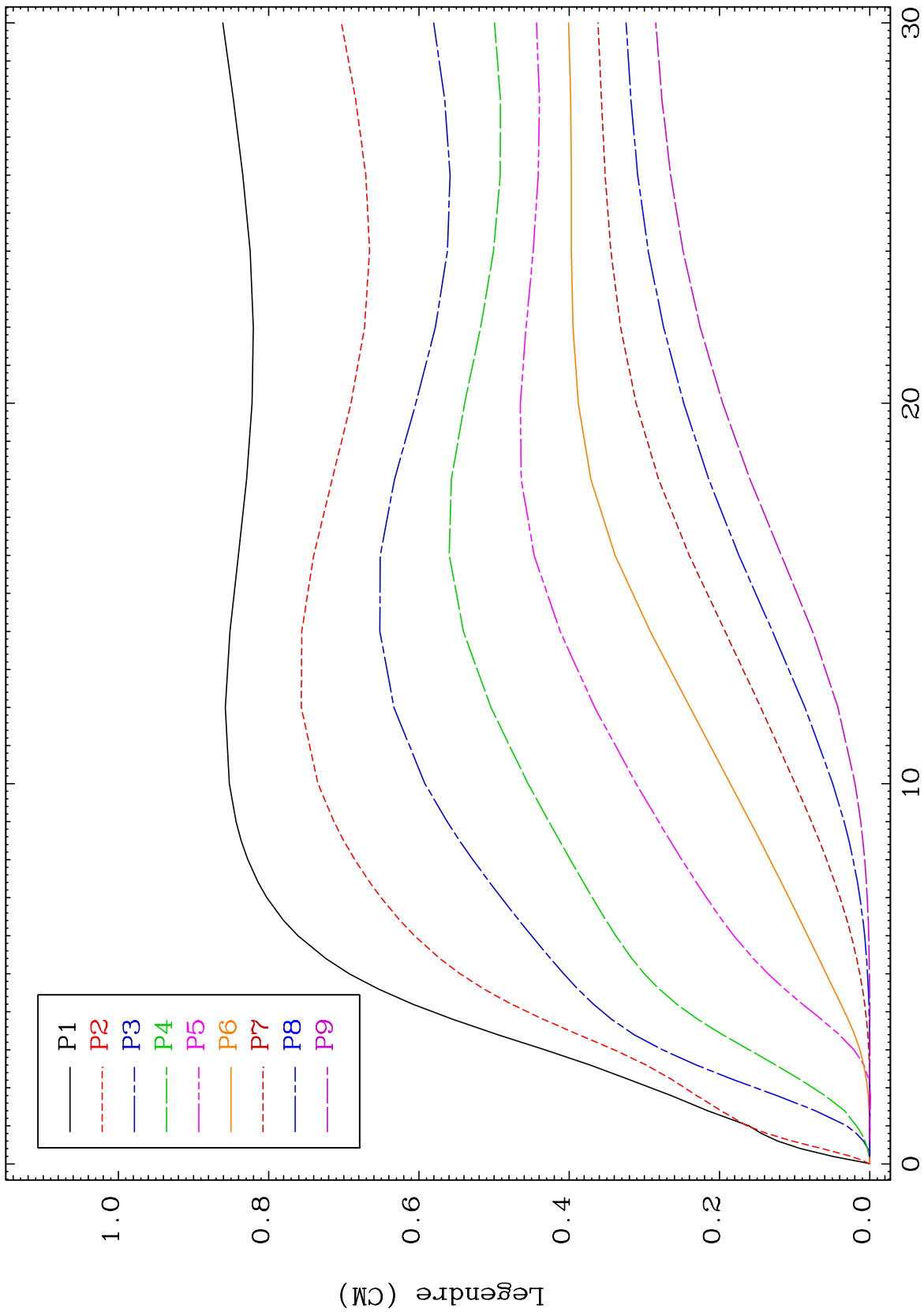
30-Zn-68



MAT 3037

Elastic Legendre Coefficients

30-Zn-68



15

Incident Energy (MeV)

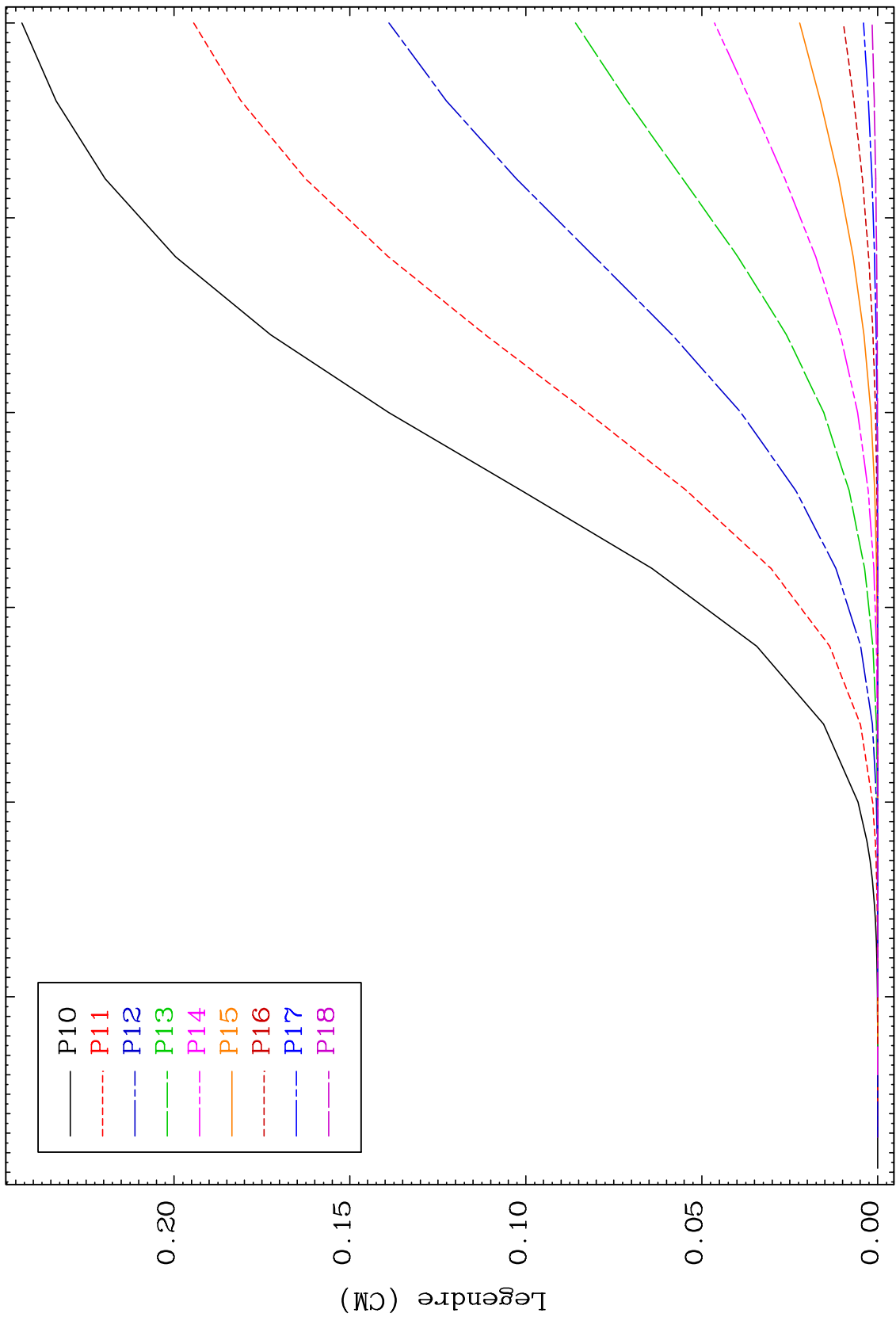
30-Zn-68



MAT 3037

Elastic Legendre Coefficients

30-Zn-68



16

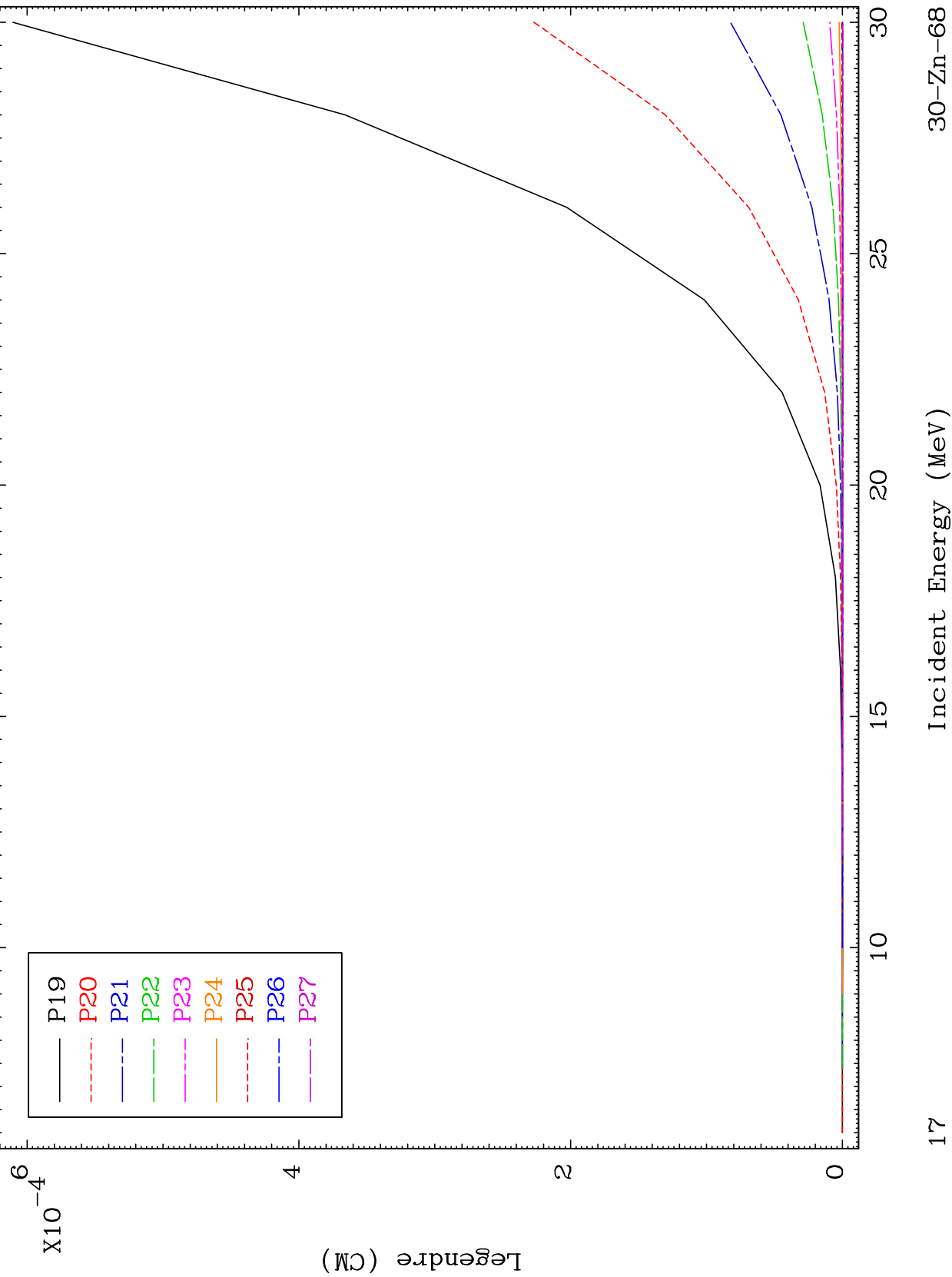
Incident Energy (MeV)

30-Zn-68

MAT 3037

Elastic Legendre Coefficients

30-Zn-68



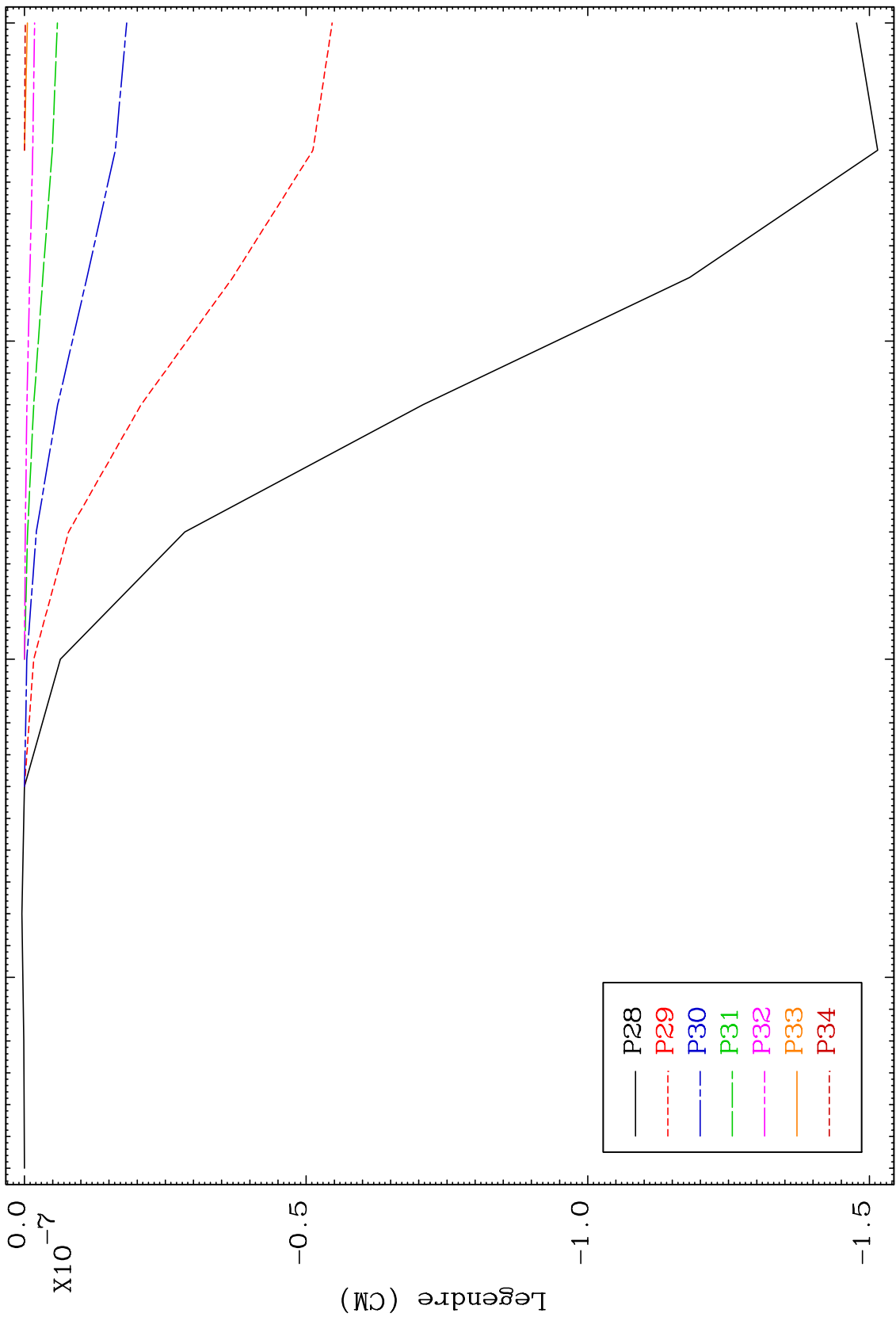
17

30-Zn-68

MAT 3037

30-Zn-68

Elastic Legendre Coefficients



18

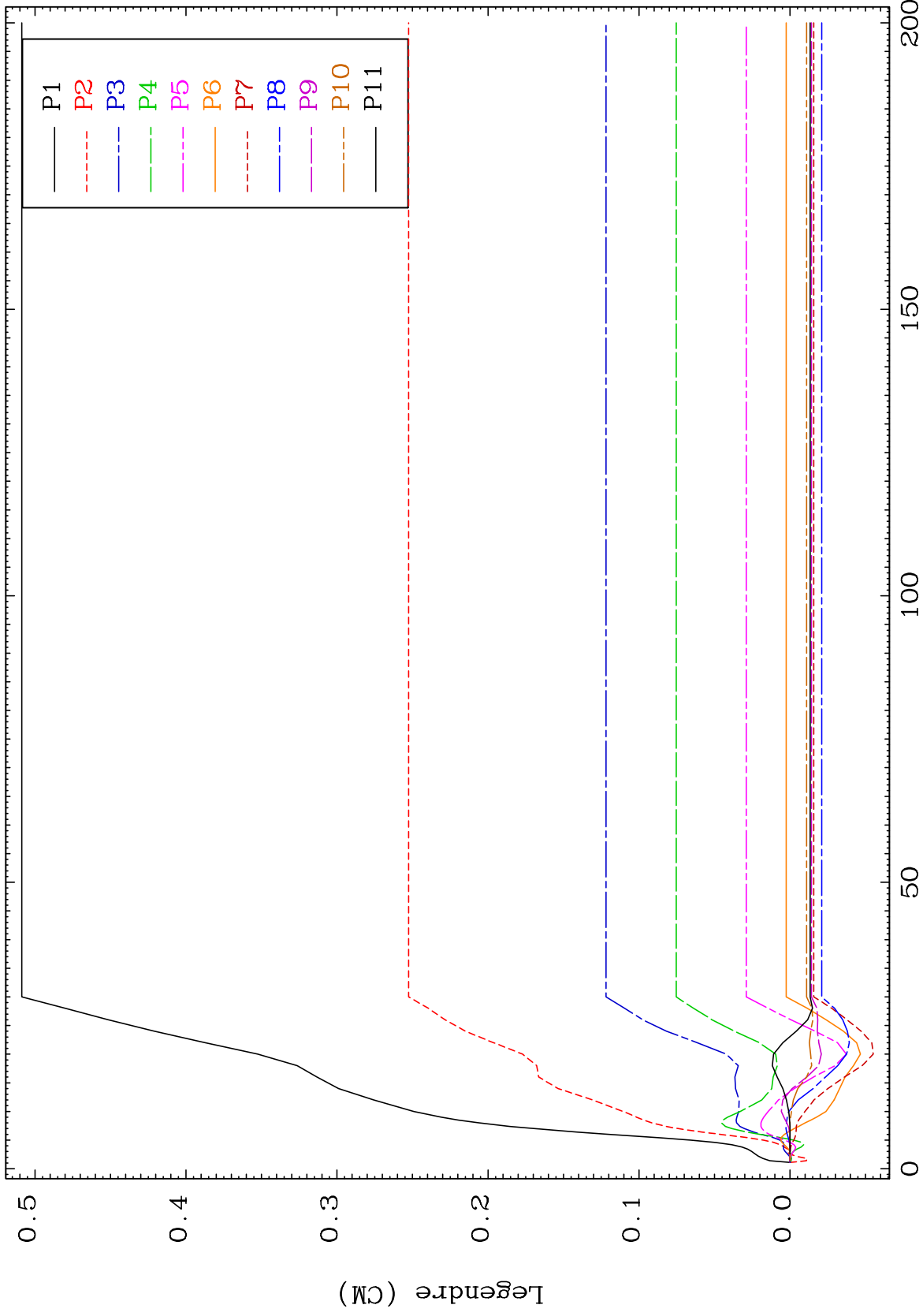
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



19

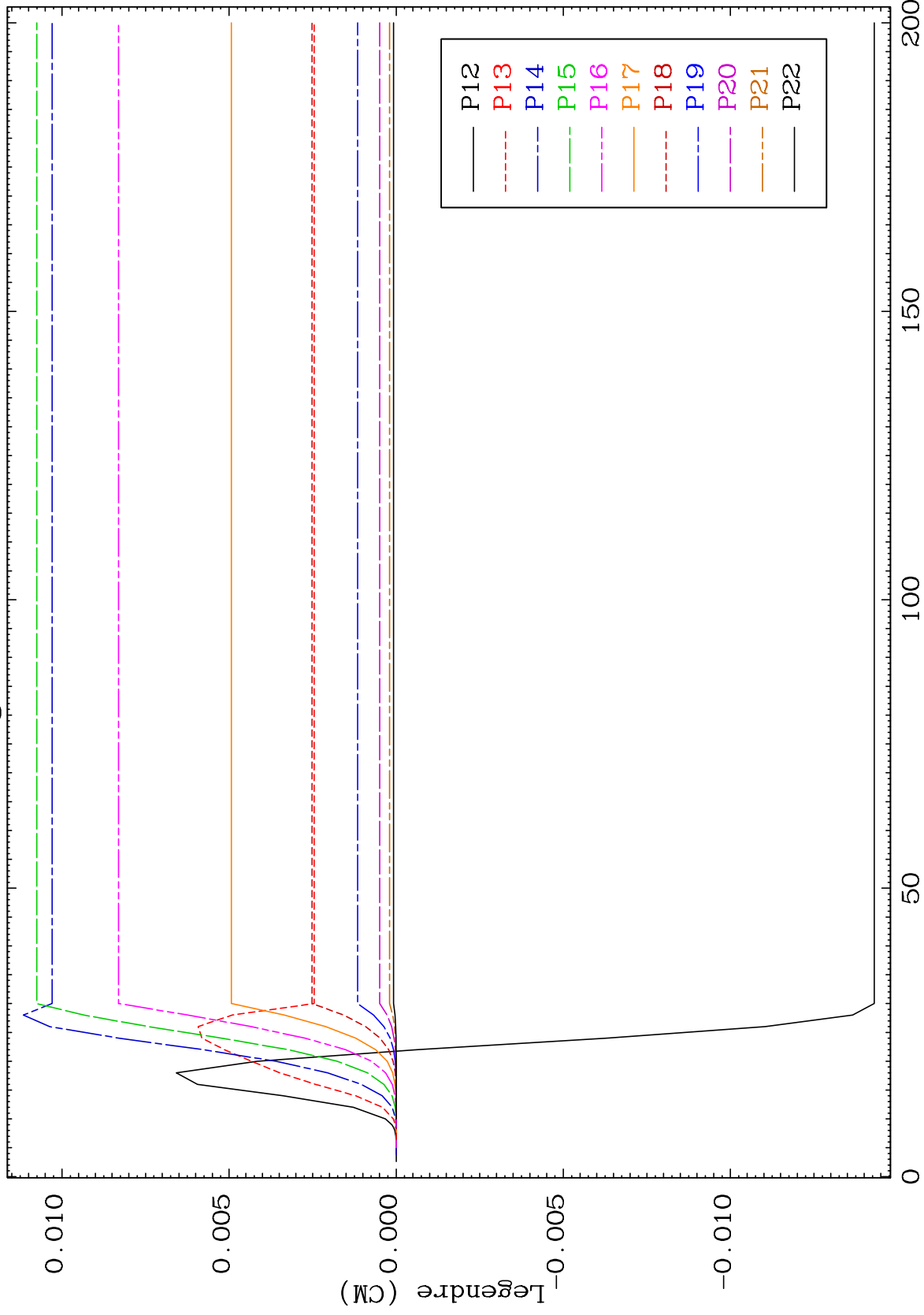
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



20

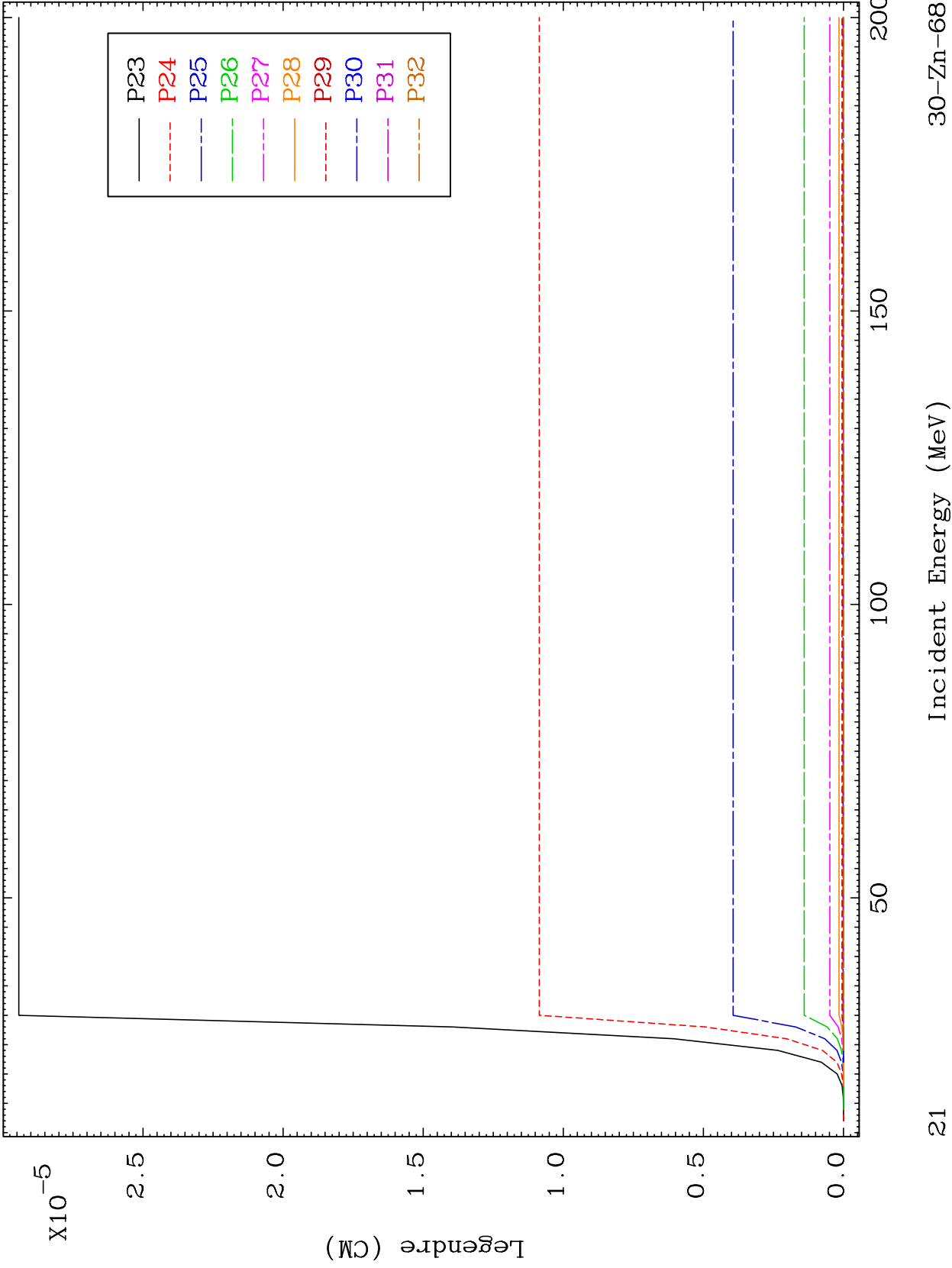
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

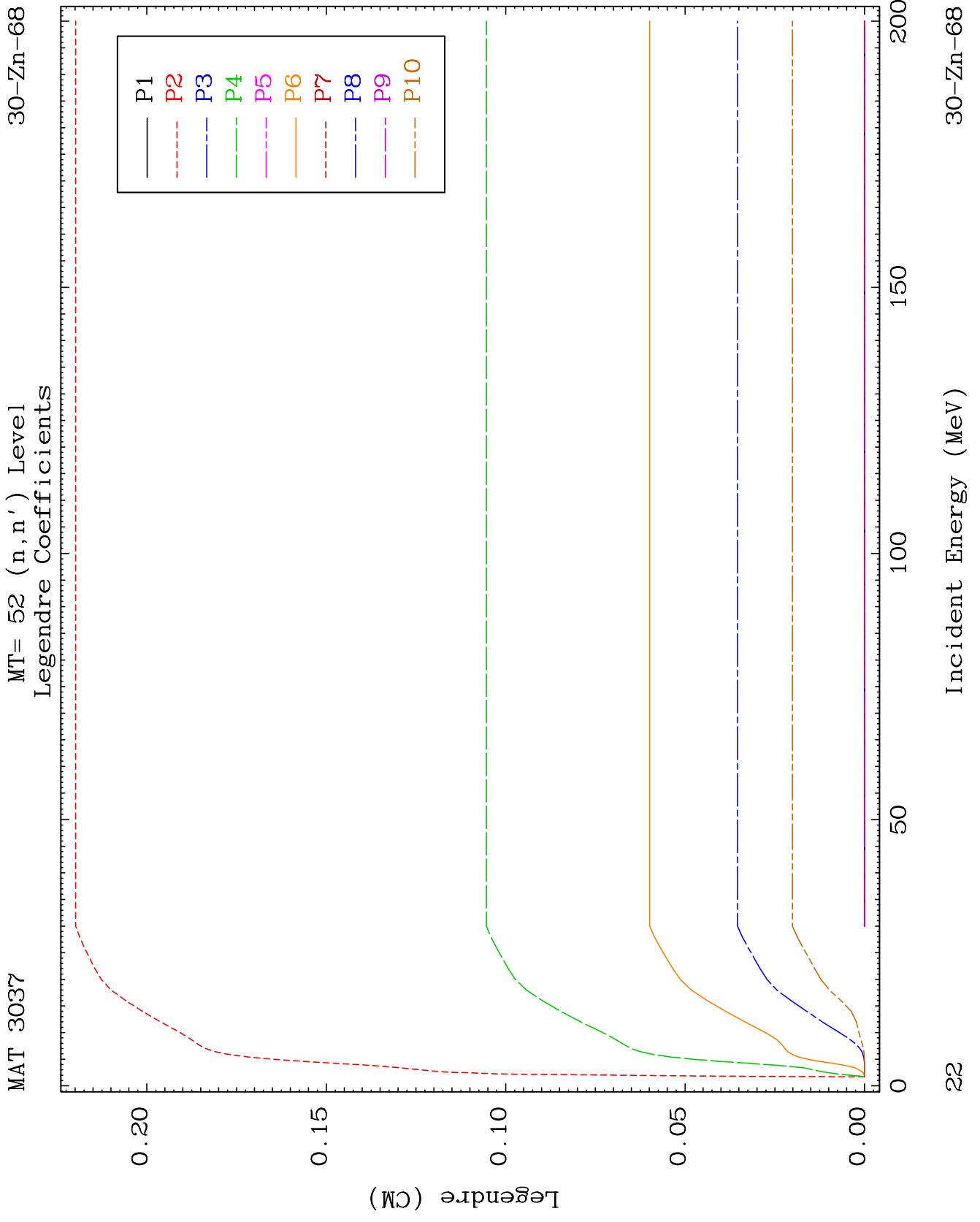
30-Zn-68

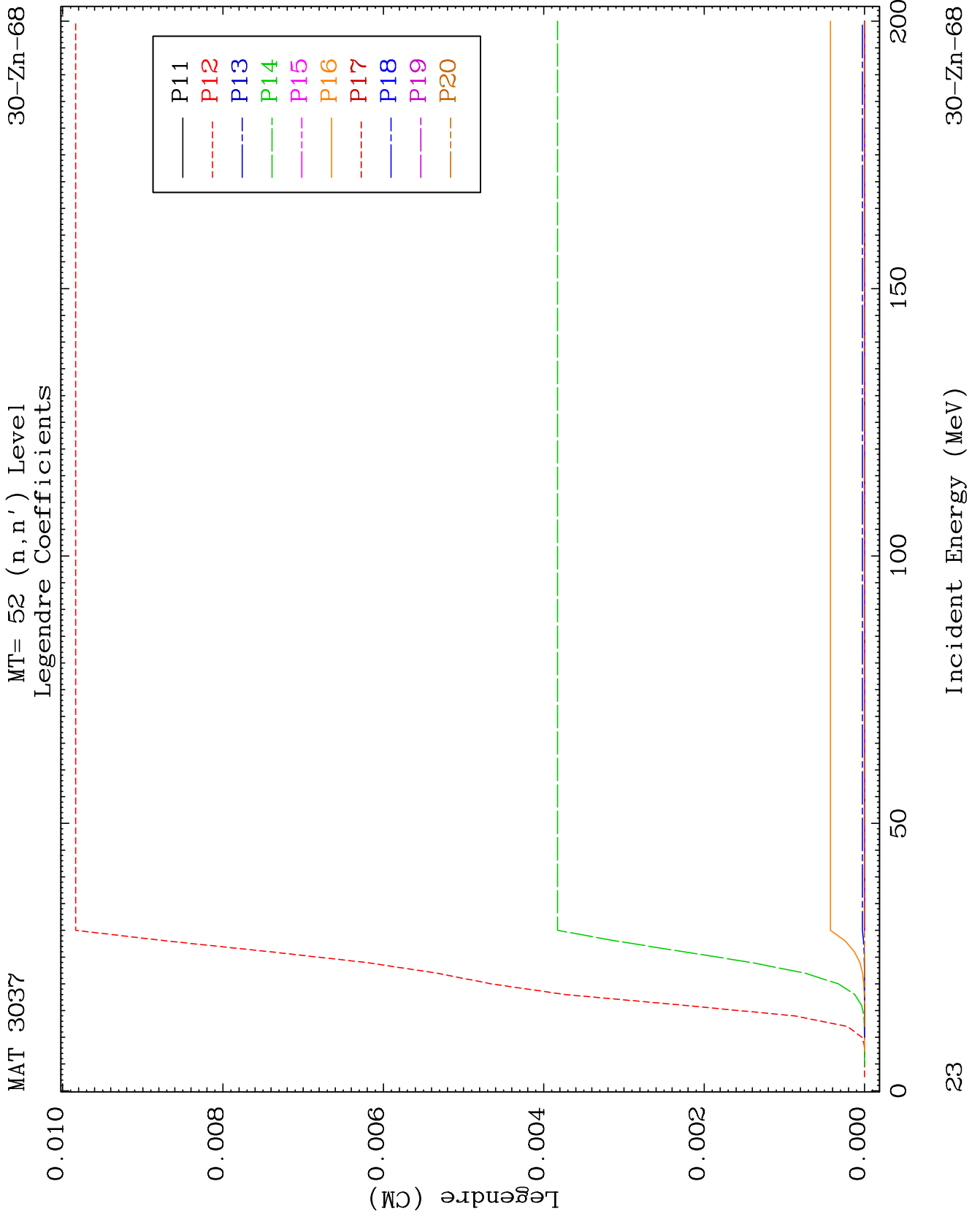


21

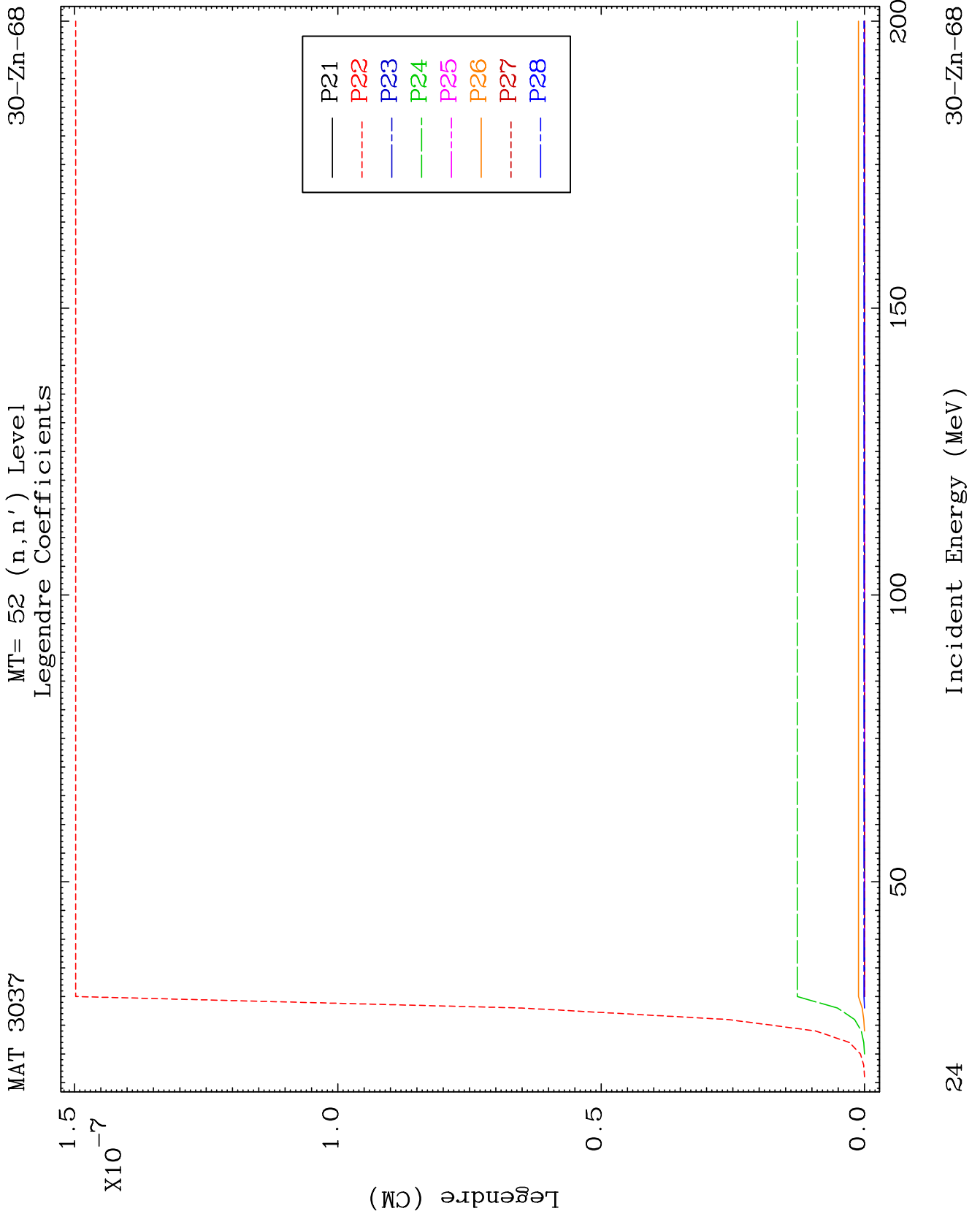
Incident Energy (MeV)

30-Zn-68





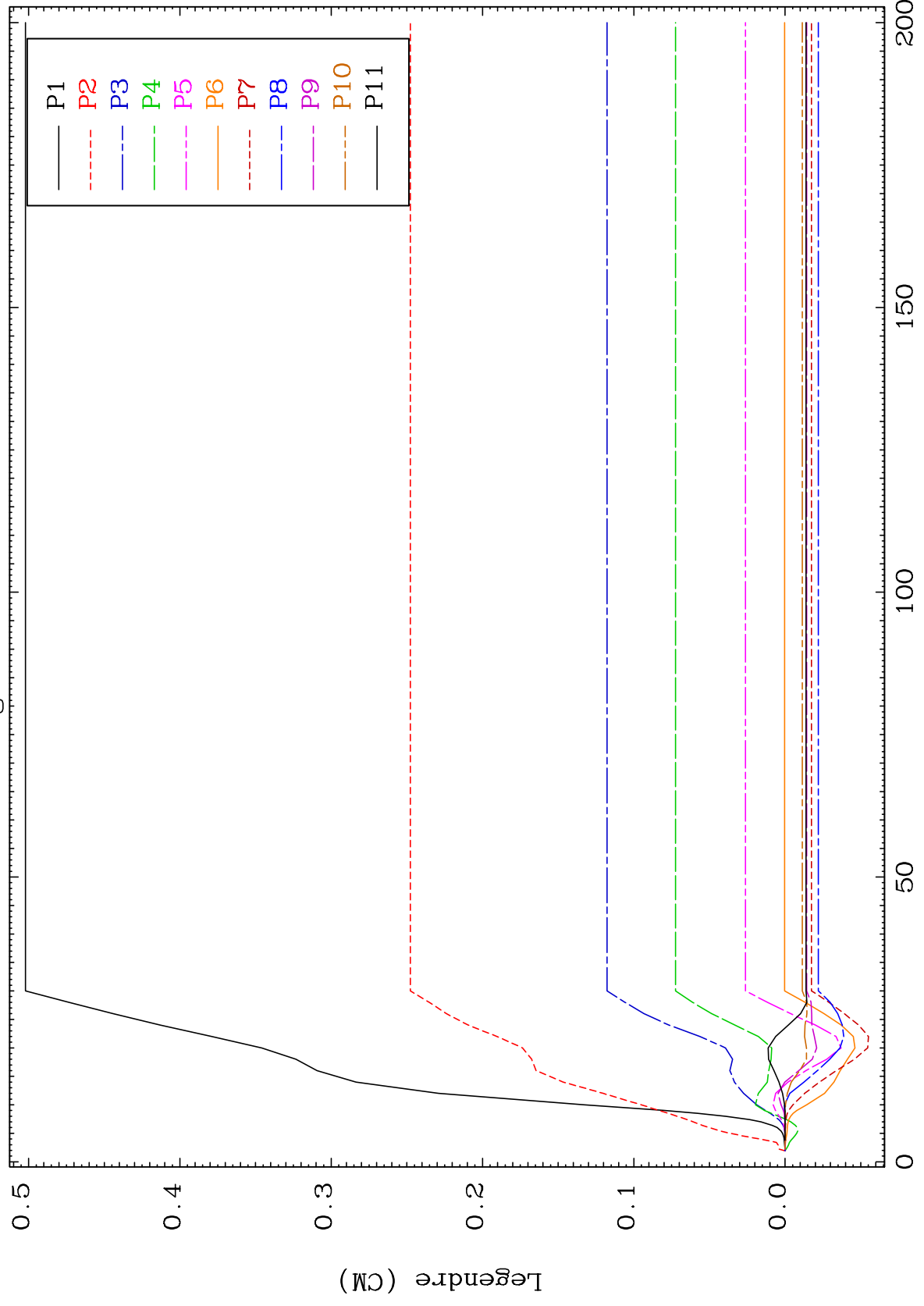




MAT 3037

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

30-Zn-68



30-Zn-68

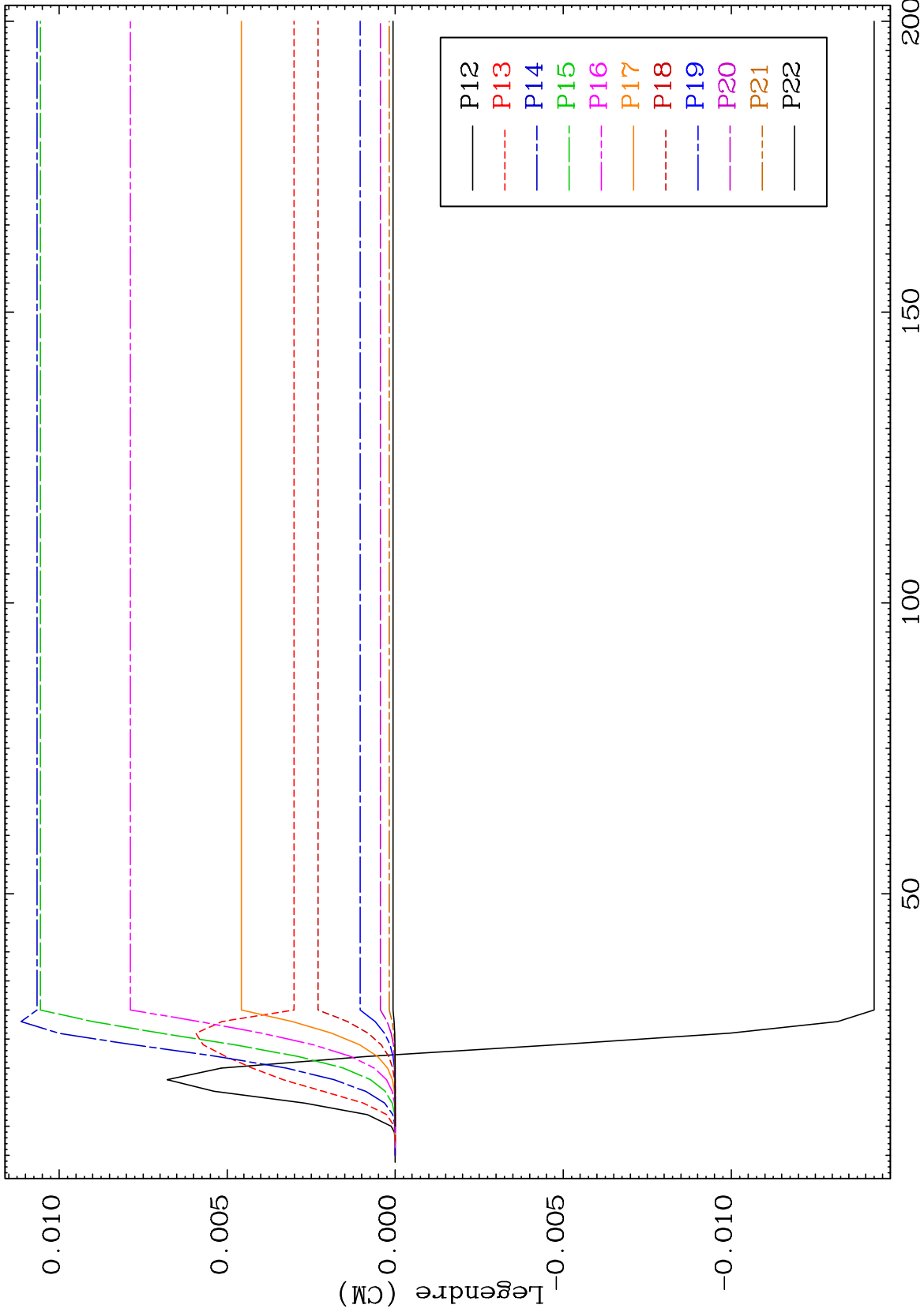
Incident Energy (MeV)

25

MAT 3037

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

30-Zn-68



26

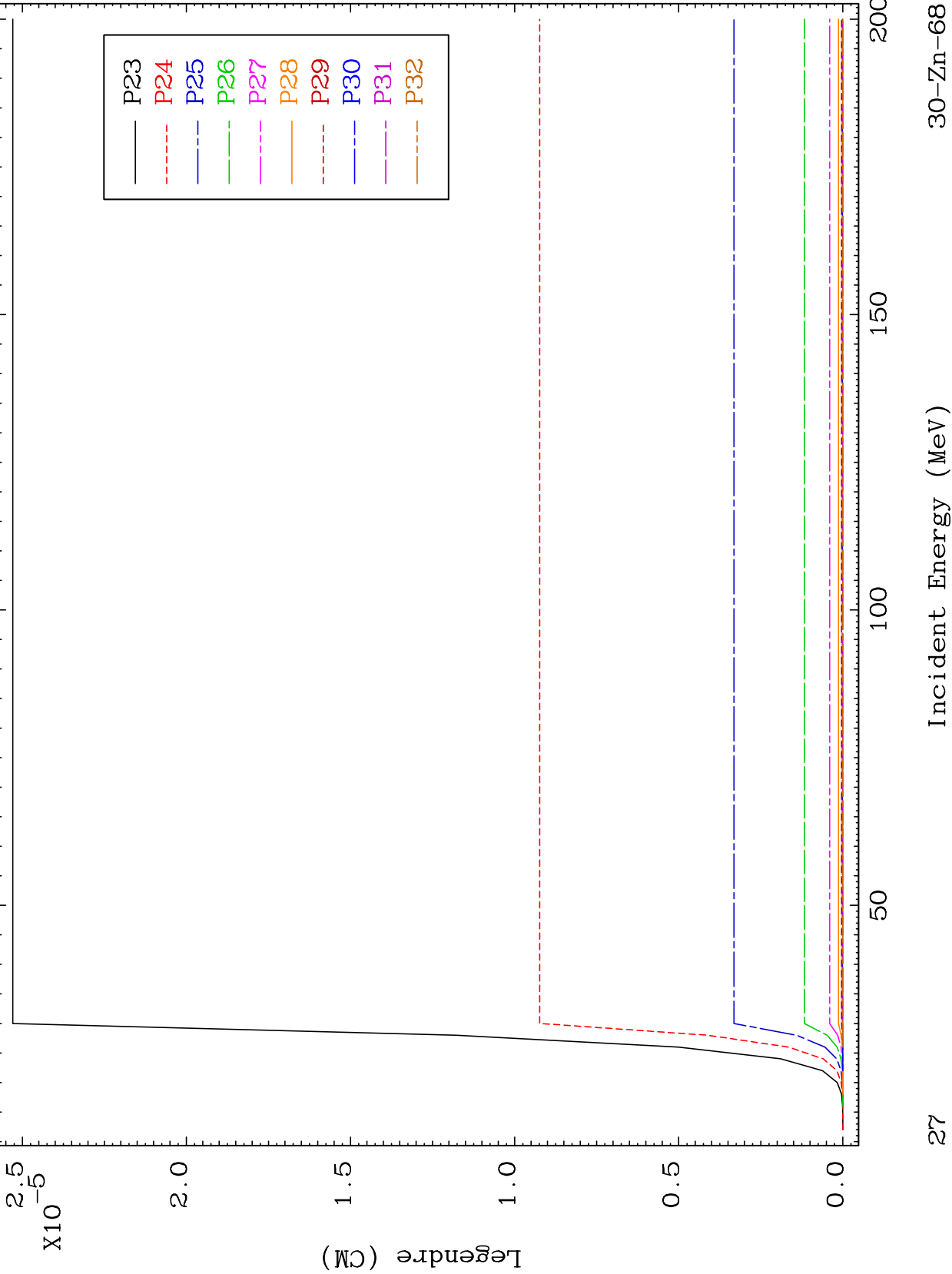
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



27

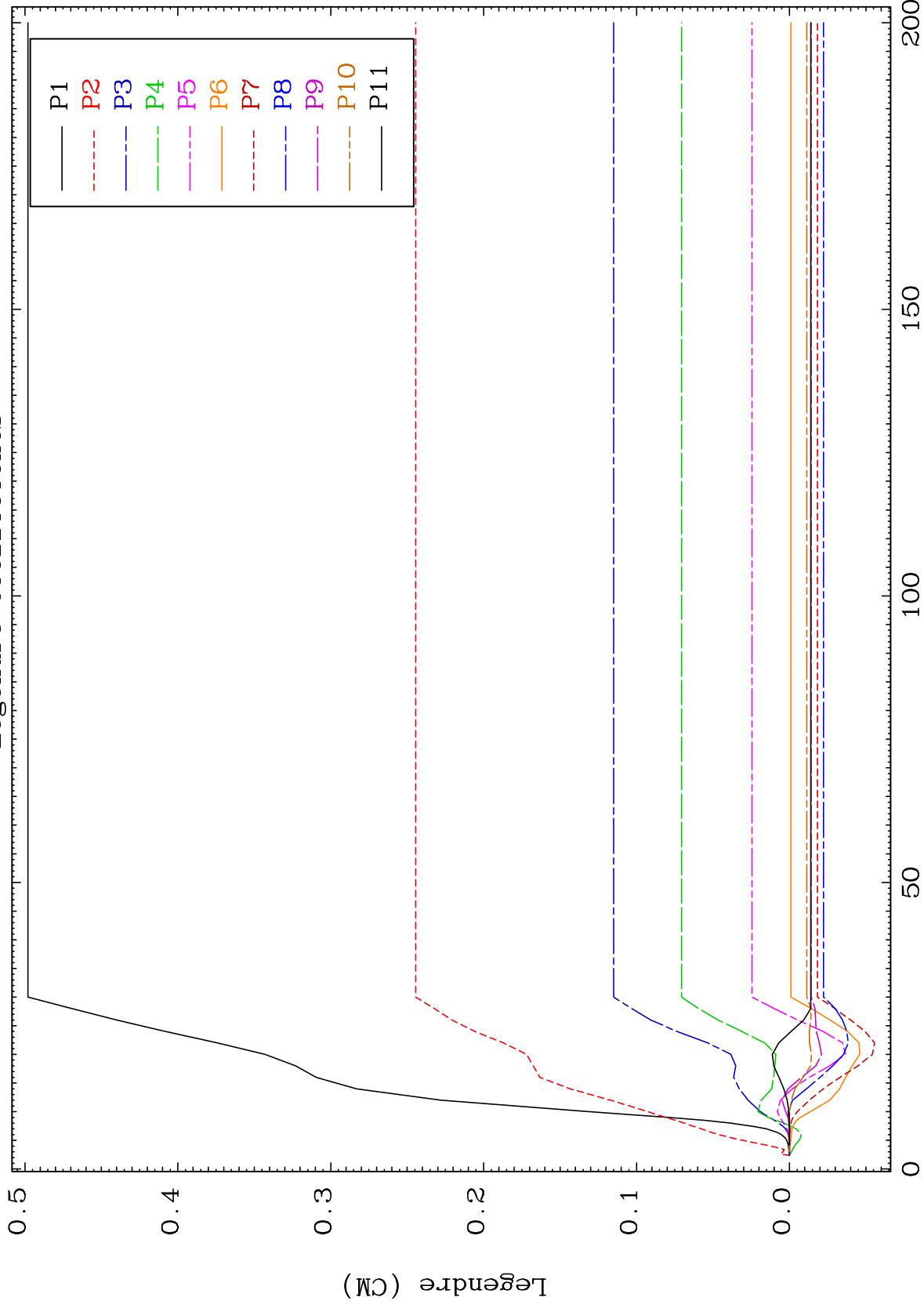
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



28

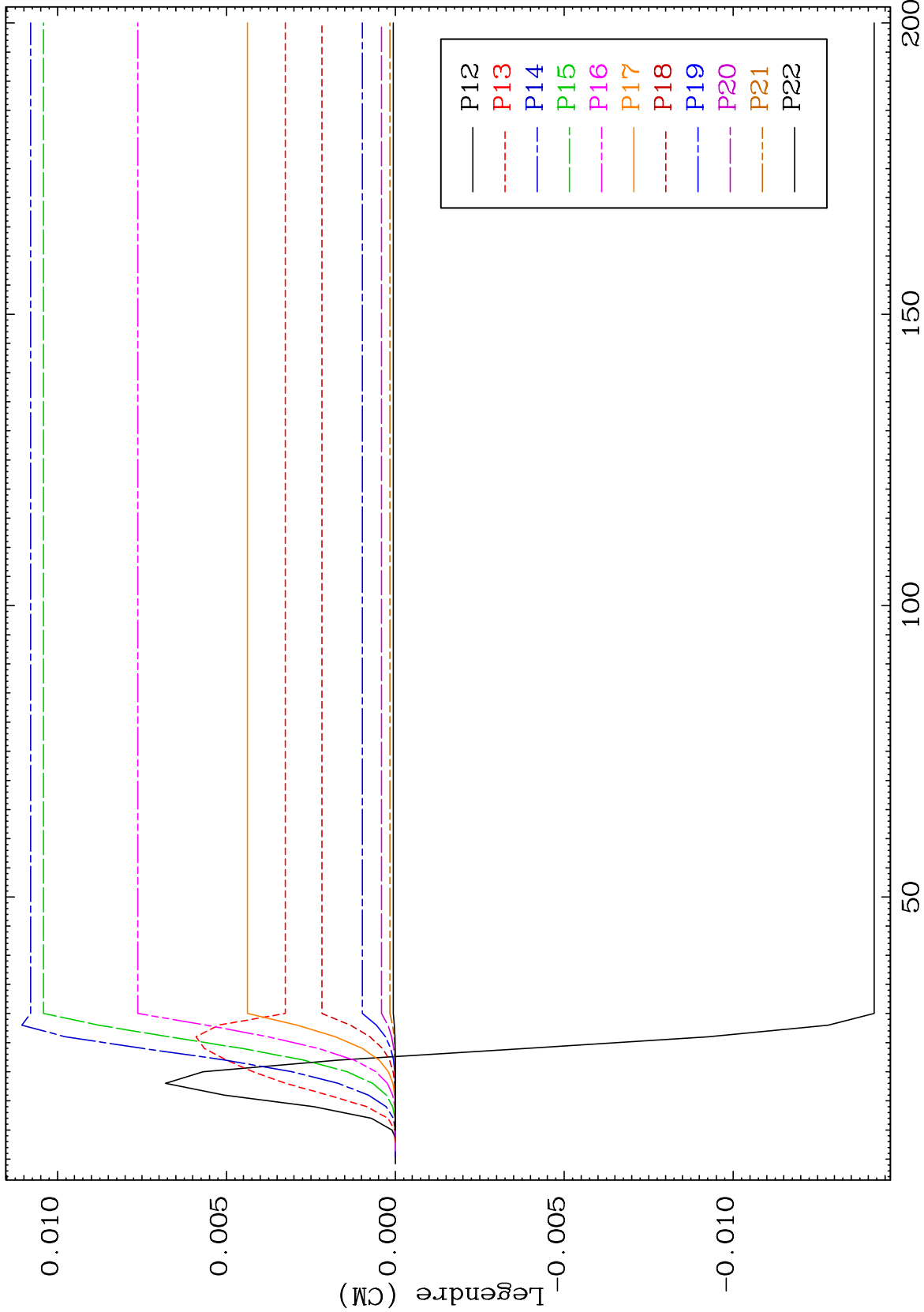
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

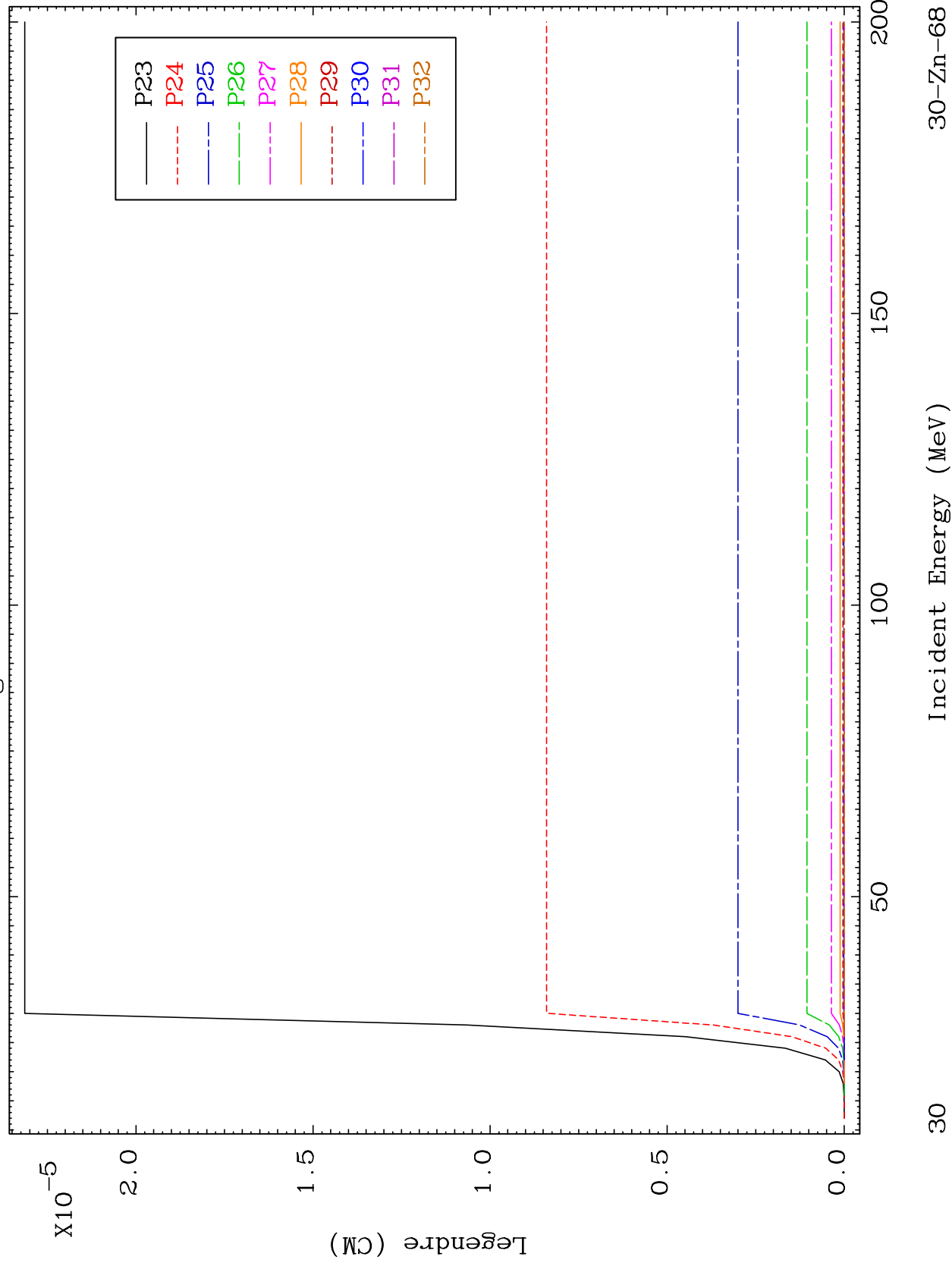
30-Zn-68



MAT 3037

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

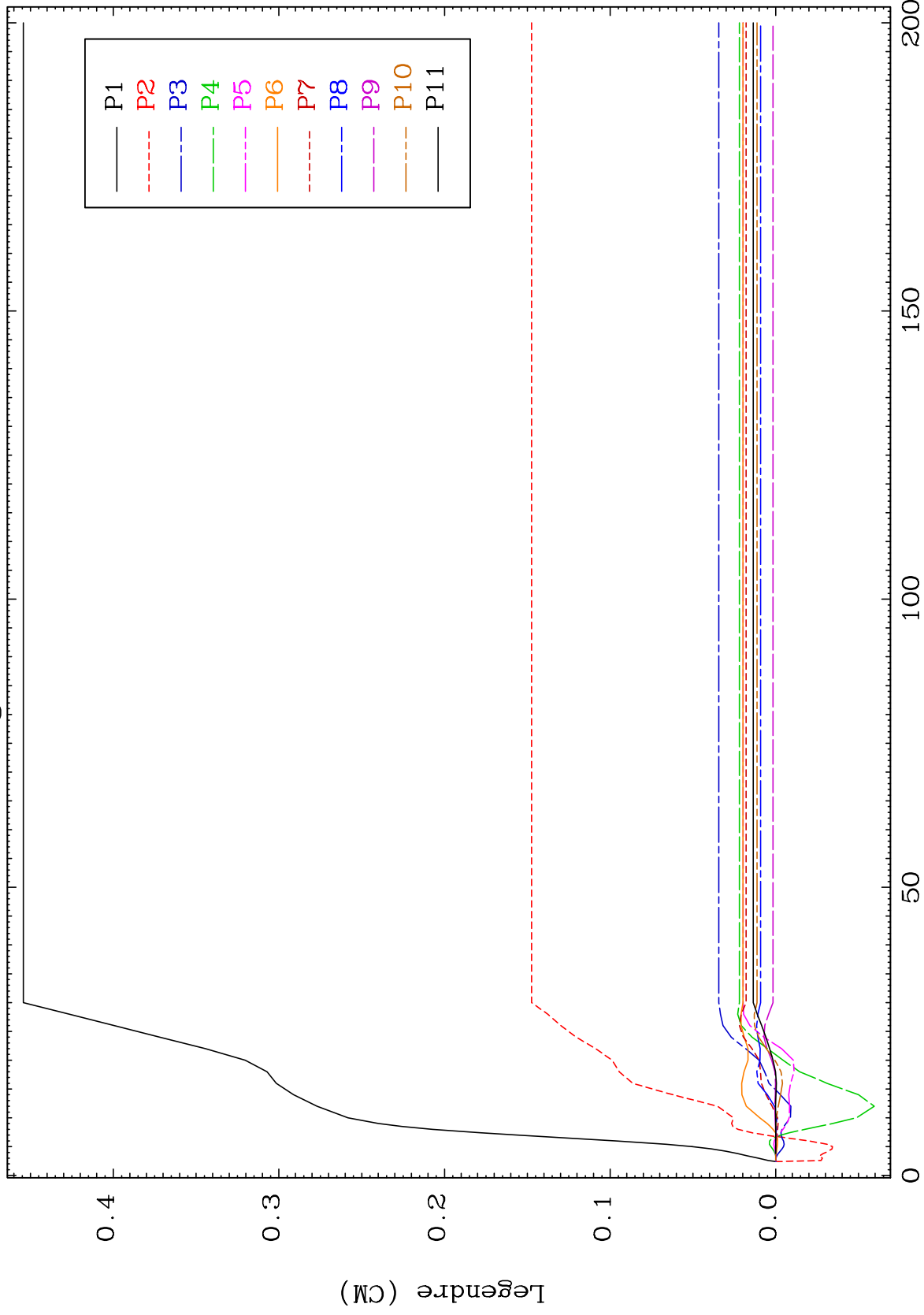
30-Zn-68



MAT 3037

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

30-Zn-68



31

Incident Energy (MeV)

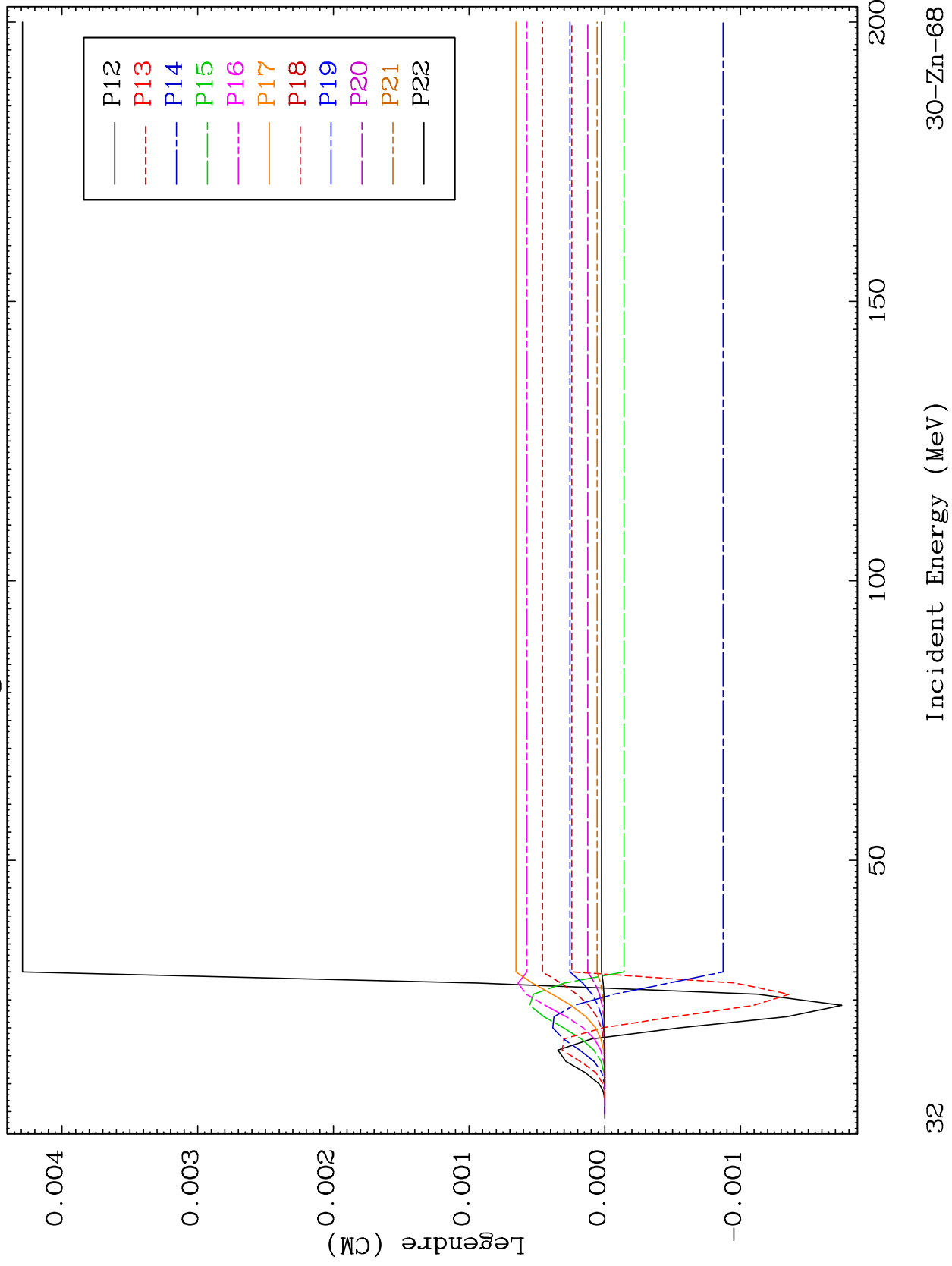
30-Zn-68



MAT 3037

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

30-Zn-68



32

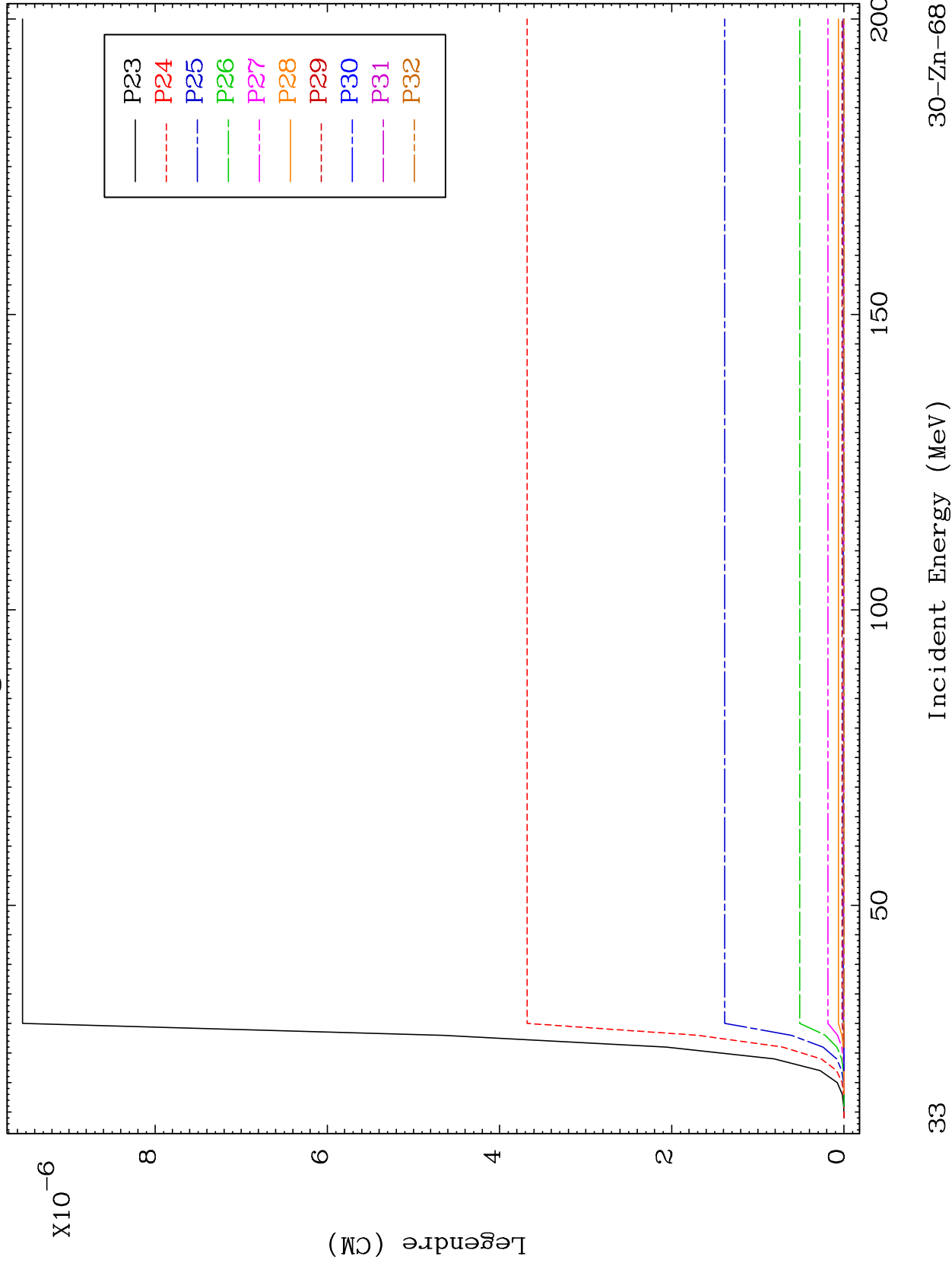
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



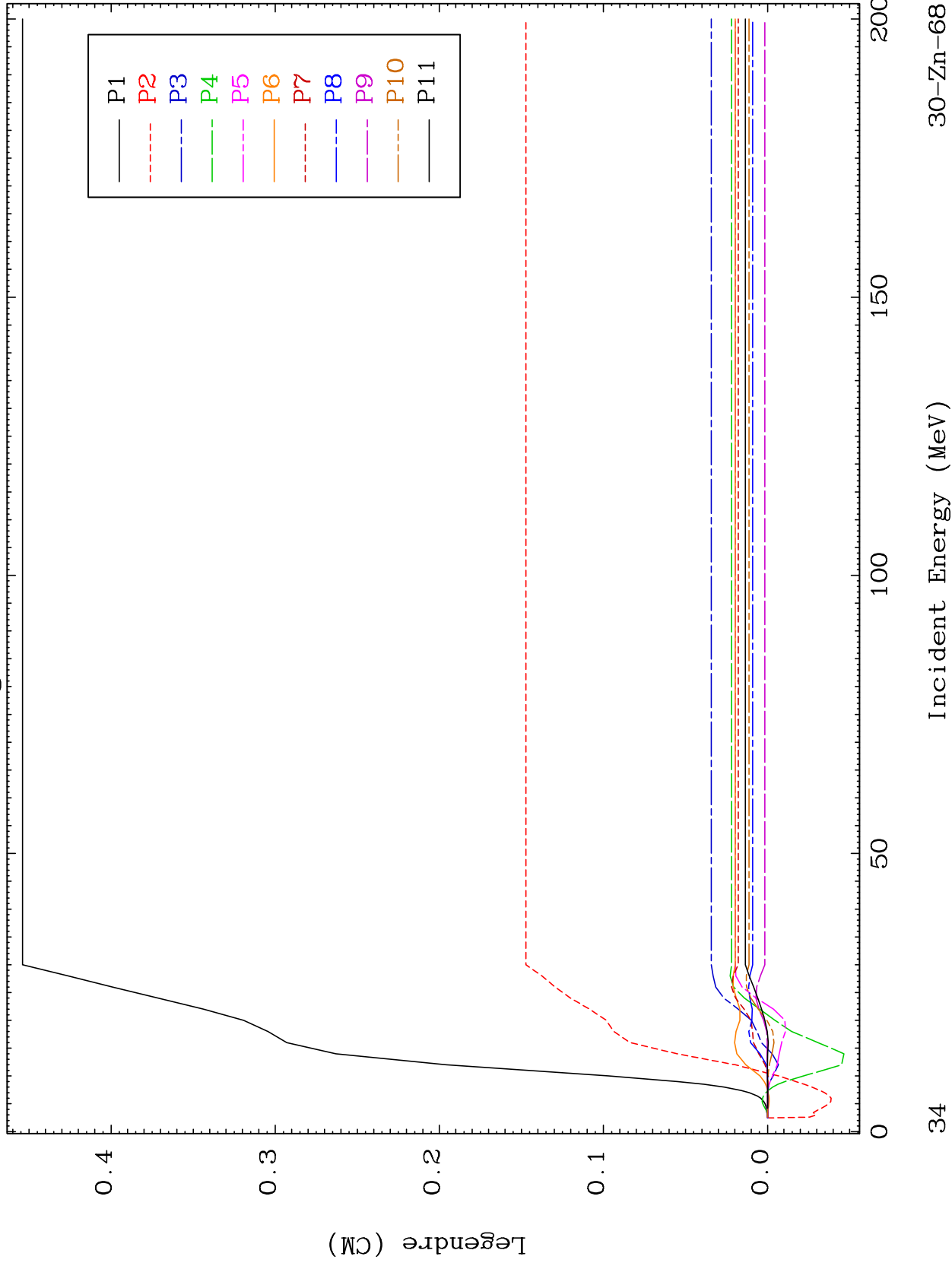
33

30-Zn-68

MAT 3037

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

30-Zn-68



30-Zn-68

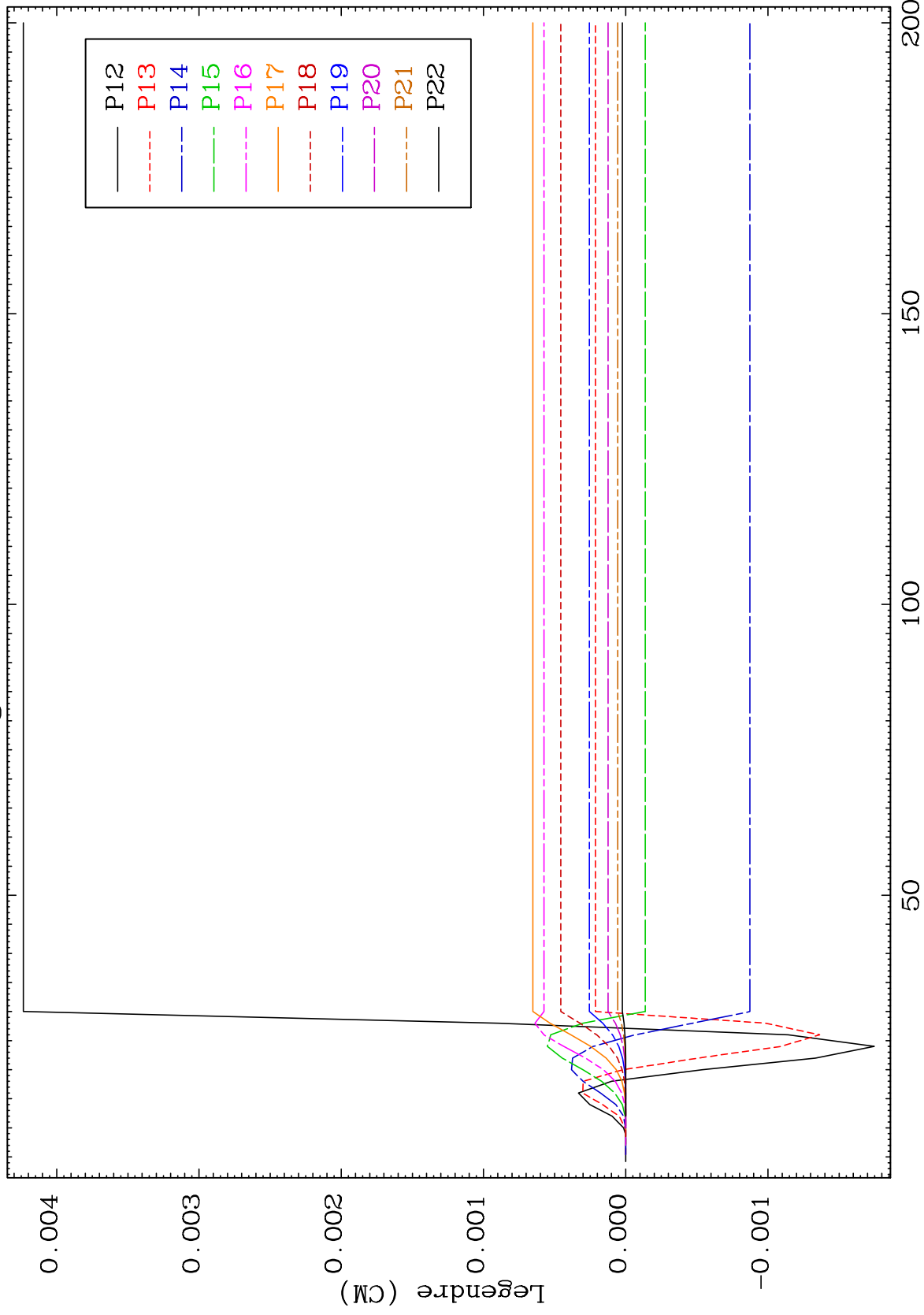
Incident Energy (MeV)

34

MAT 3037

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

30-Zn-68



35

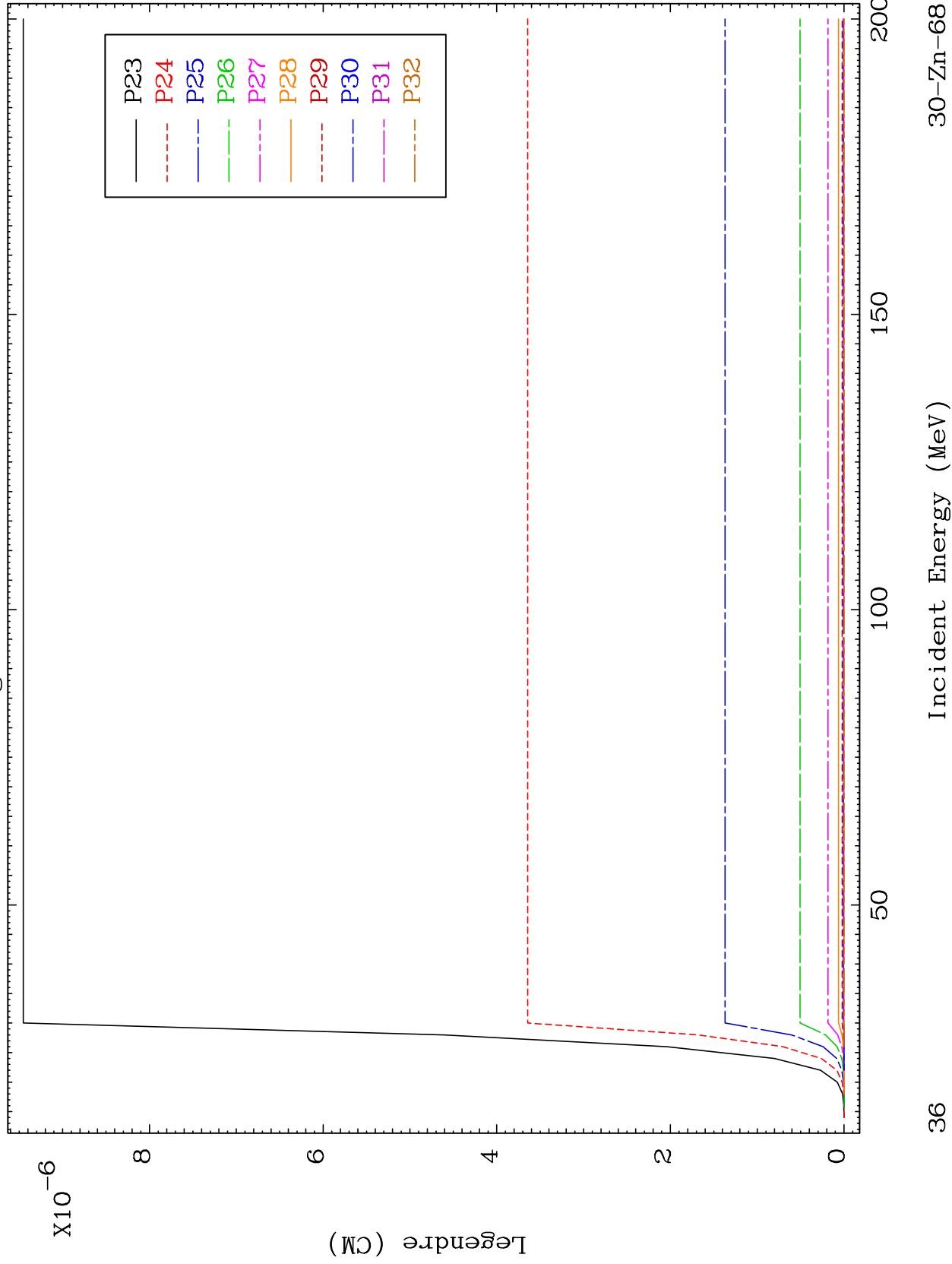
Incident Energy (MeV)

30-Zn-68

MAT 3037

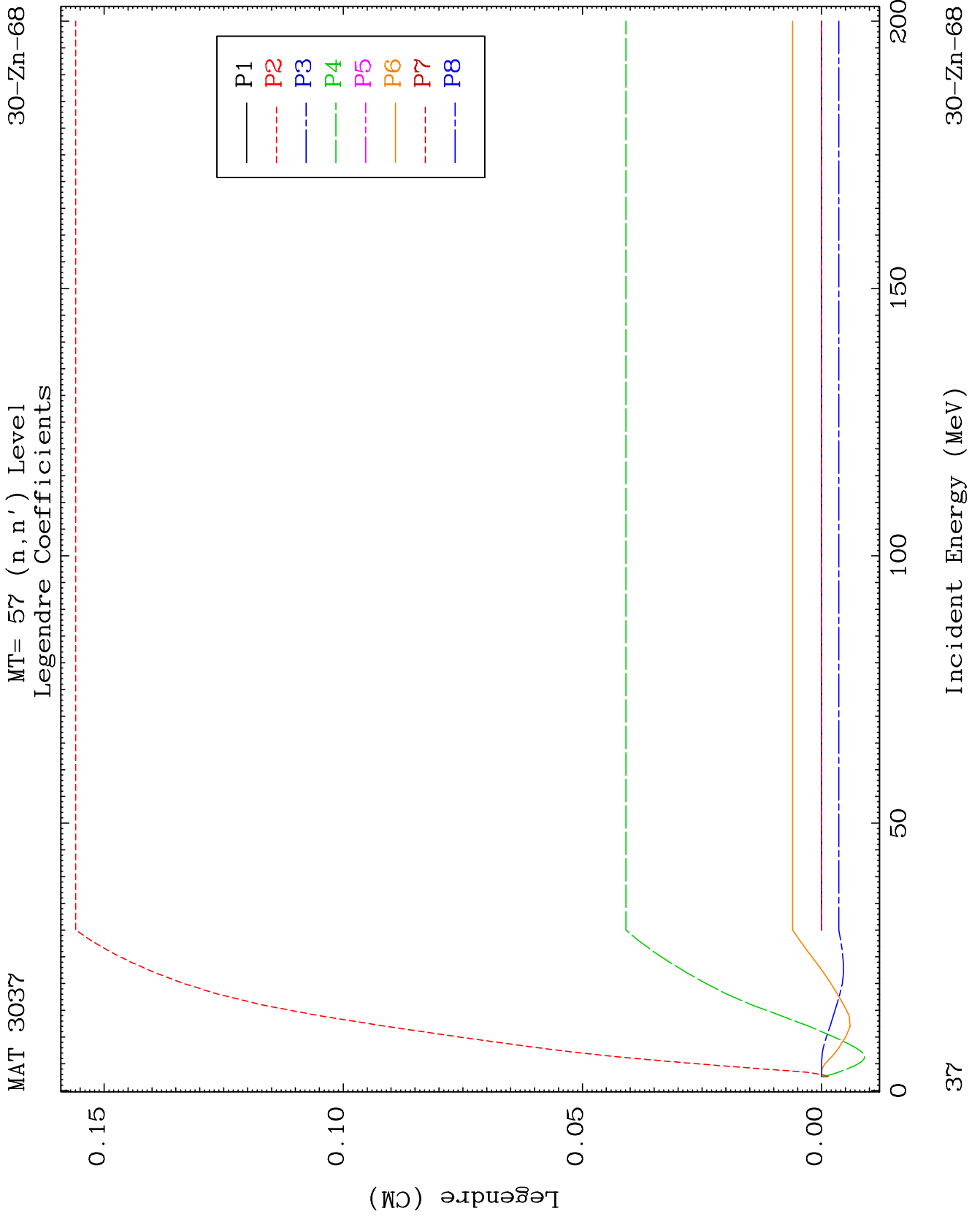
MT= 56 (n,n') Level  
Legendre Coefficients

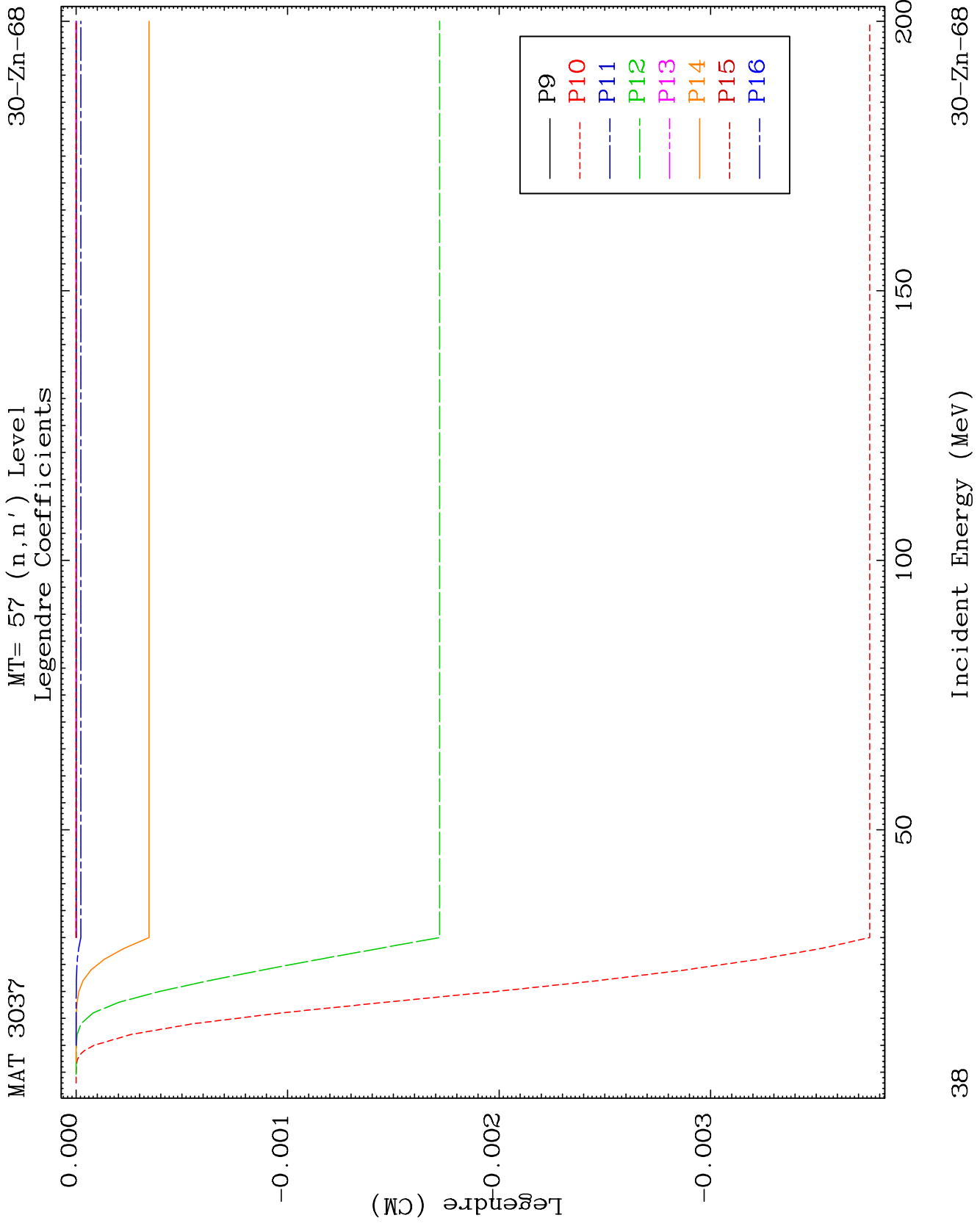
30-Zn-68

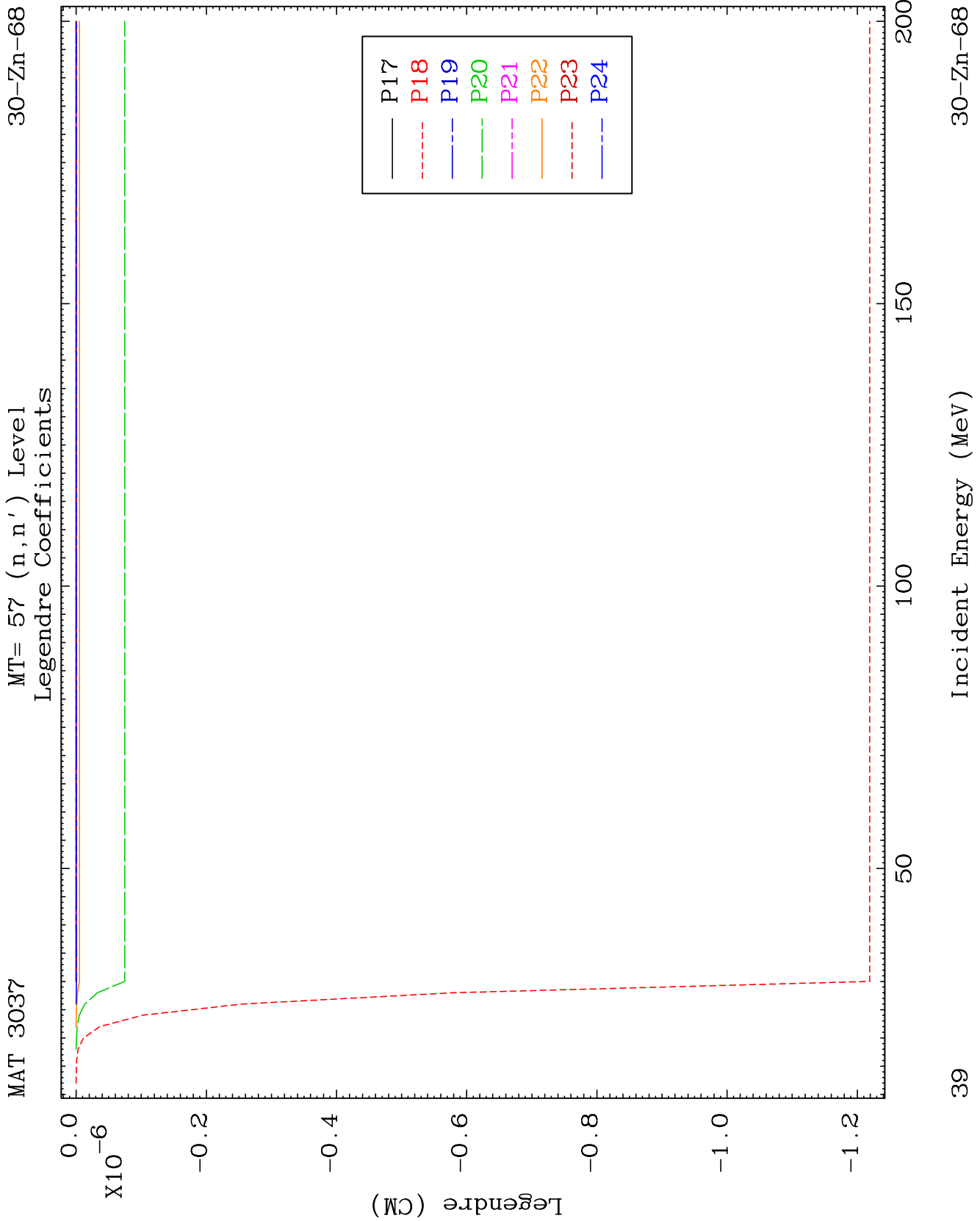


36

30-Zn-68





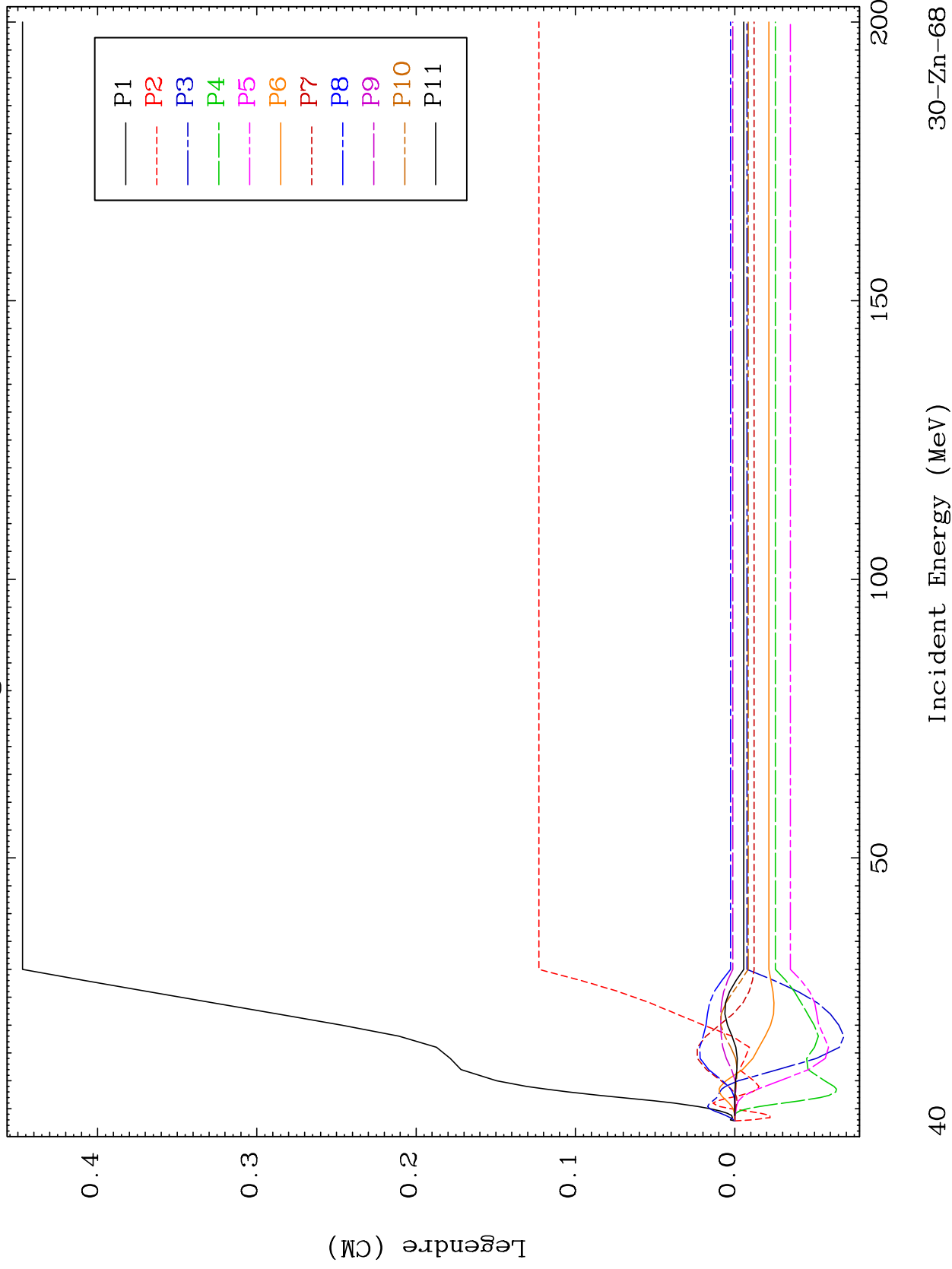


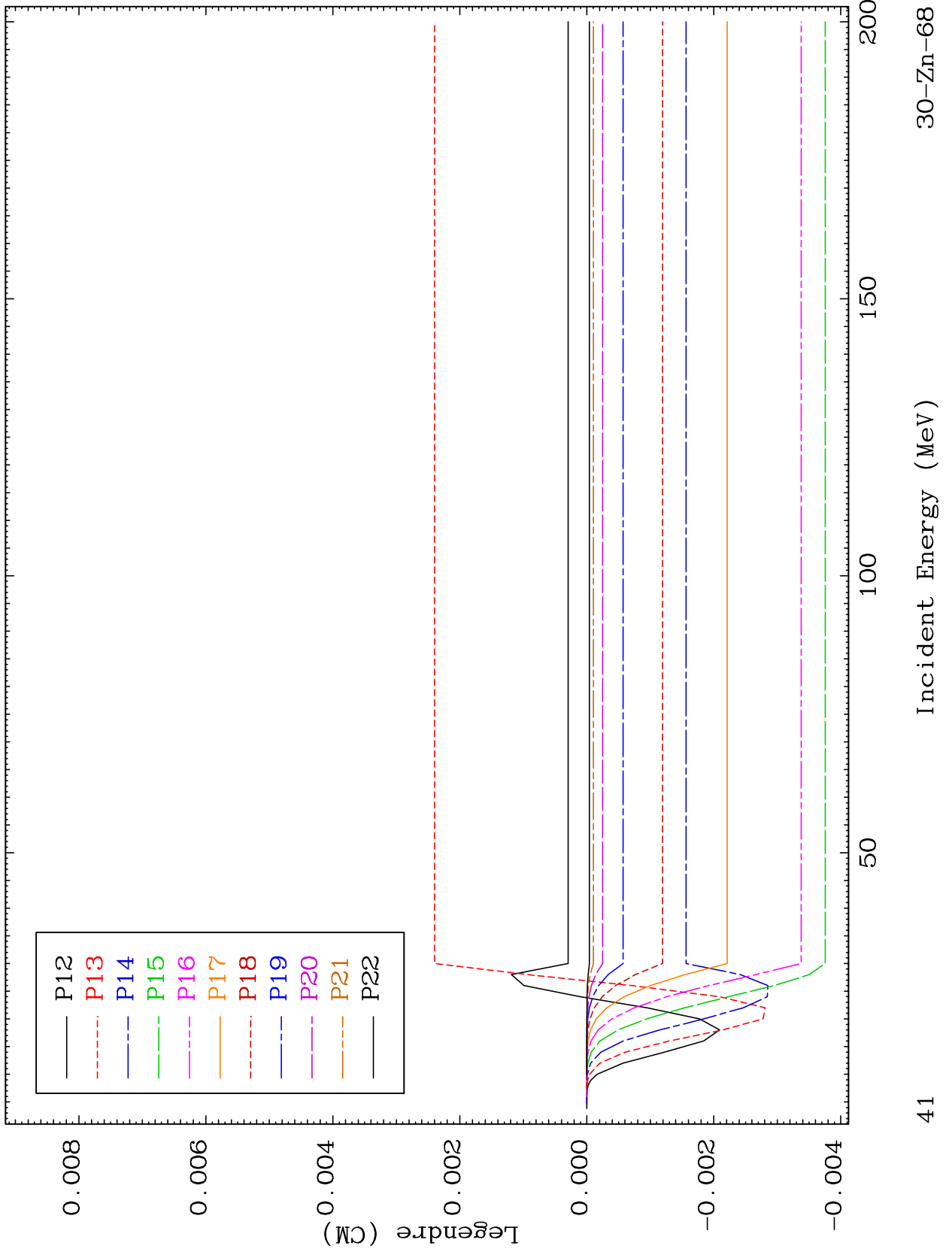


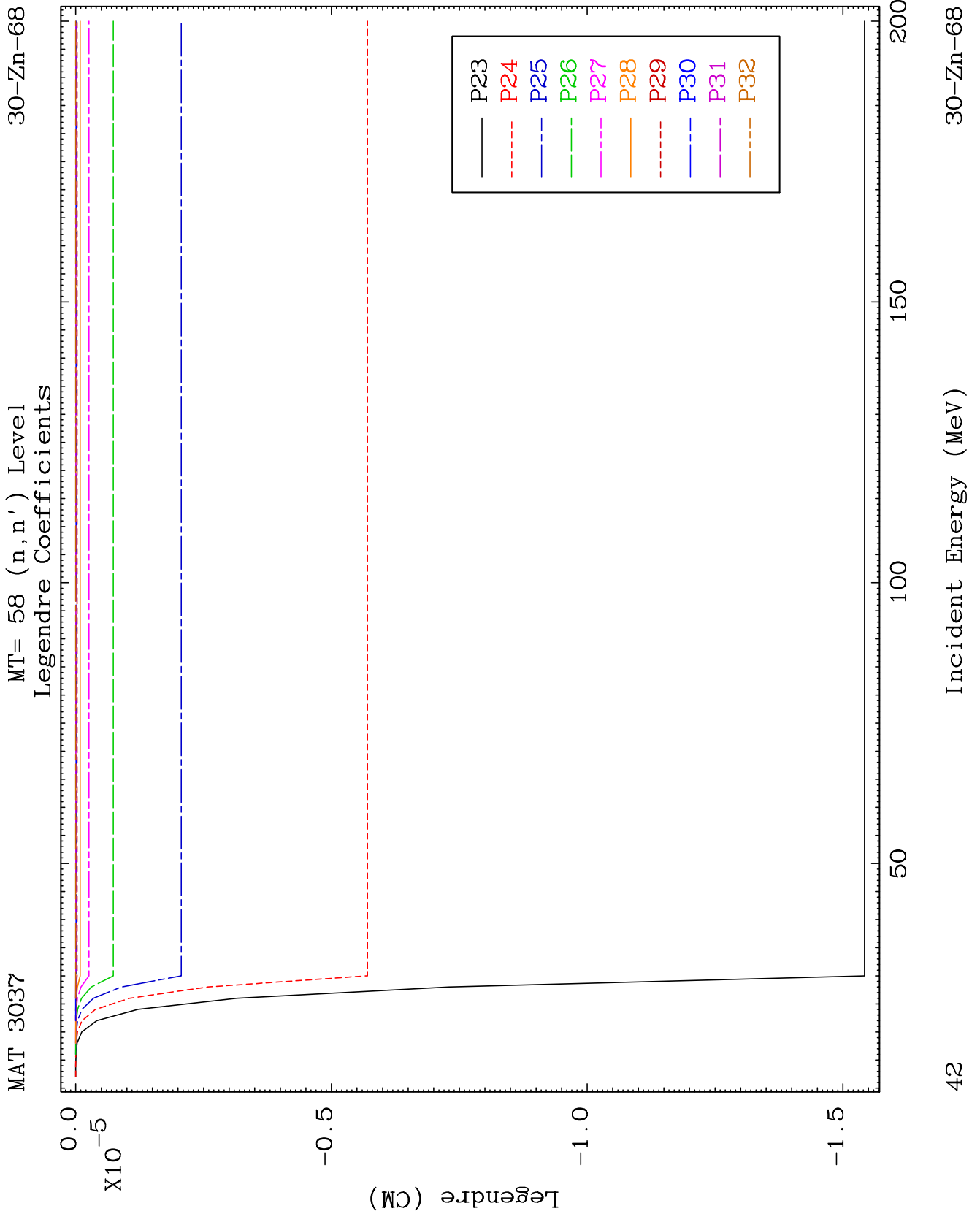
MAT 3037

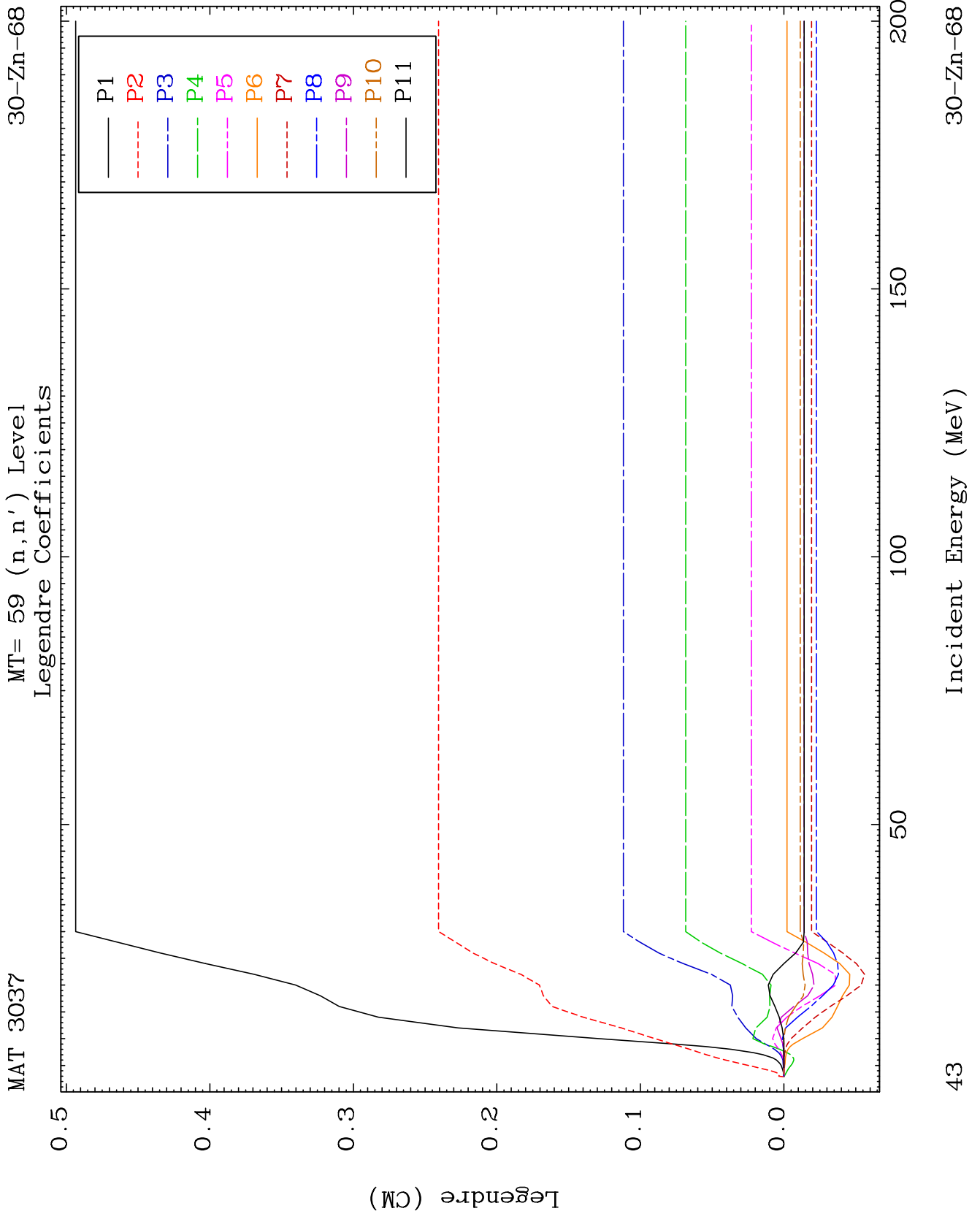
MT= 58 (n,n') Level  
Legendre Coefficients

30-Zn-68





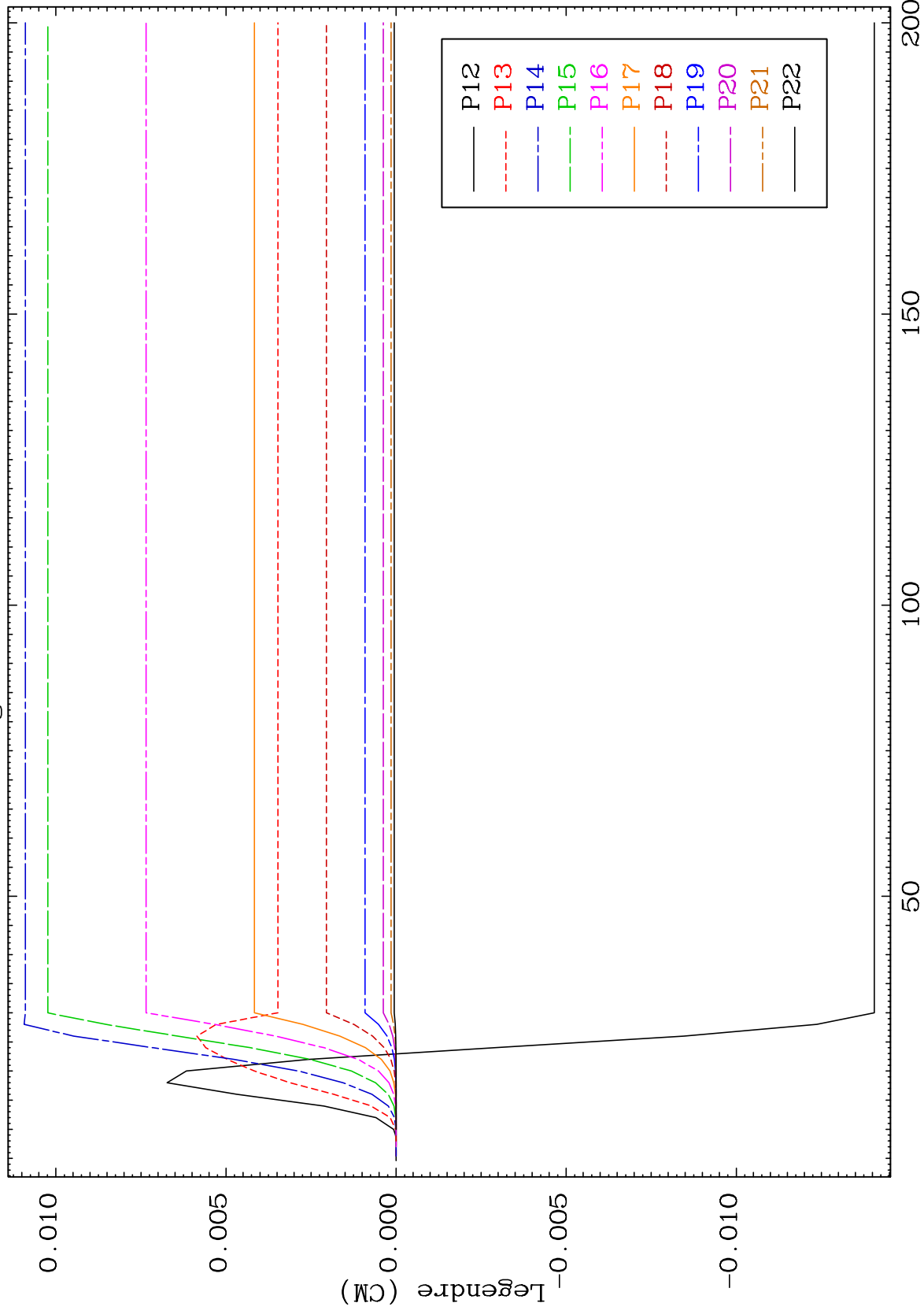




MAT 3037

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

30-Zn-68



44

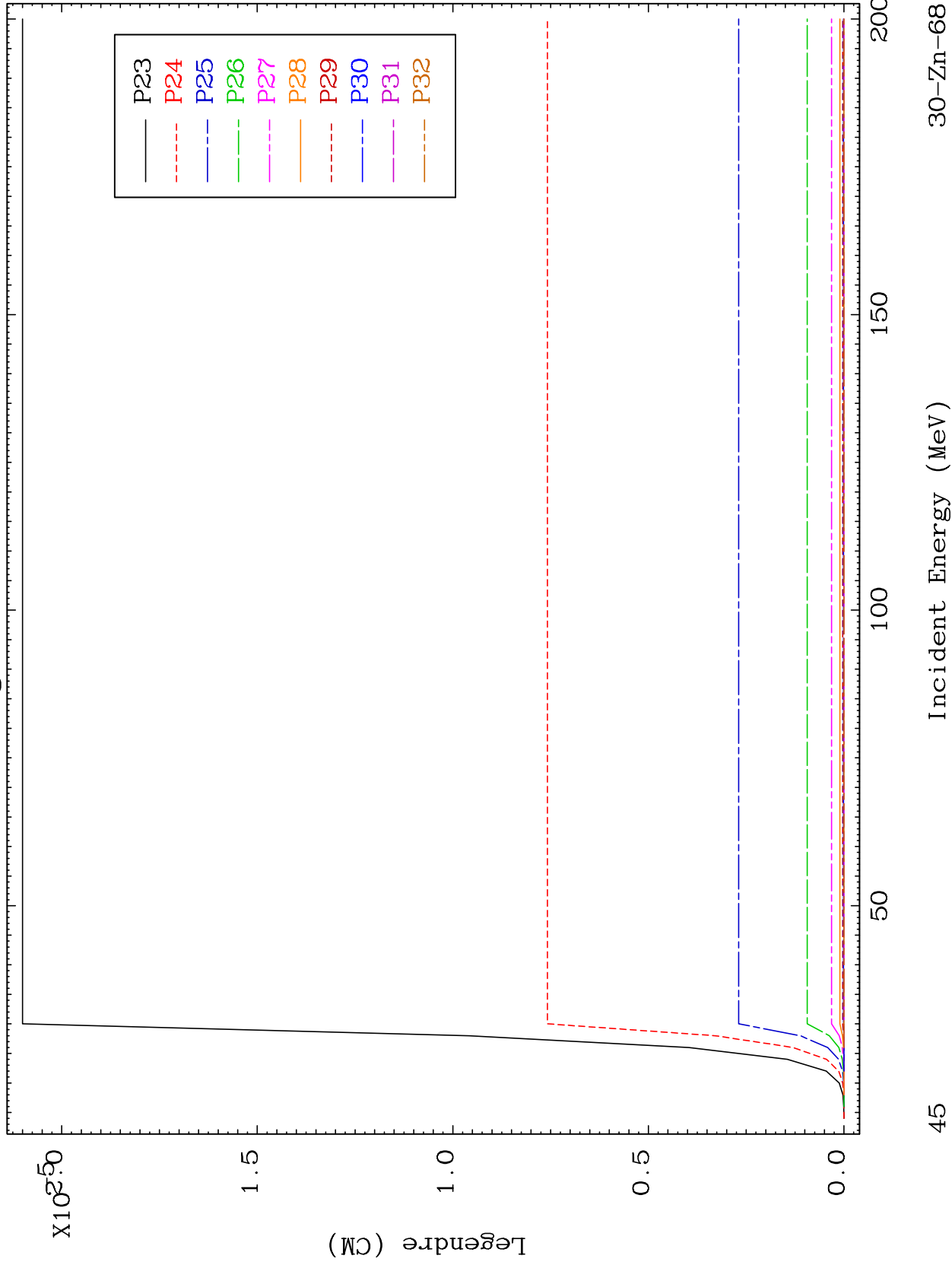
Incident Energy (MeV)

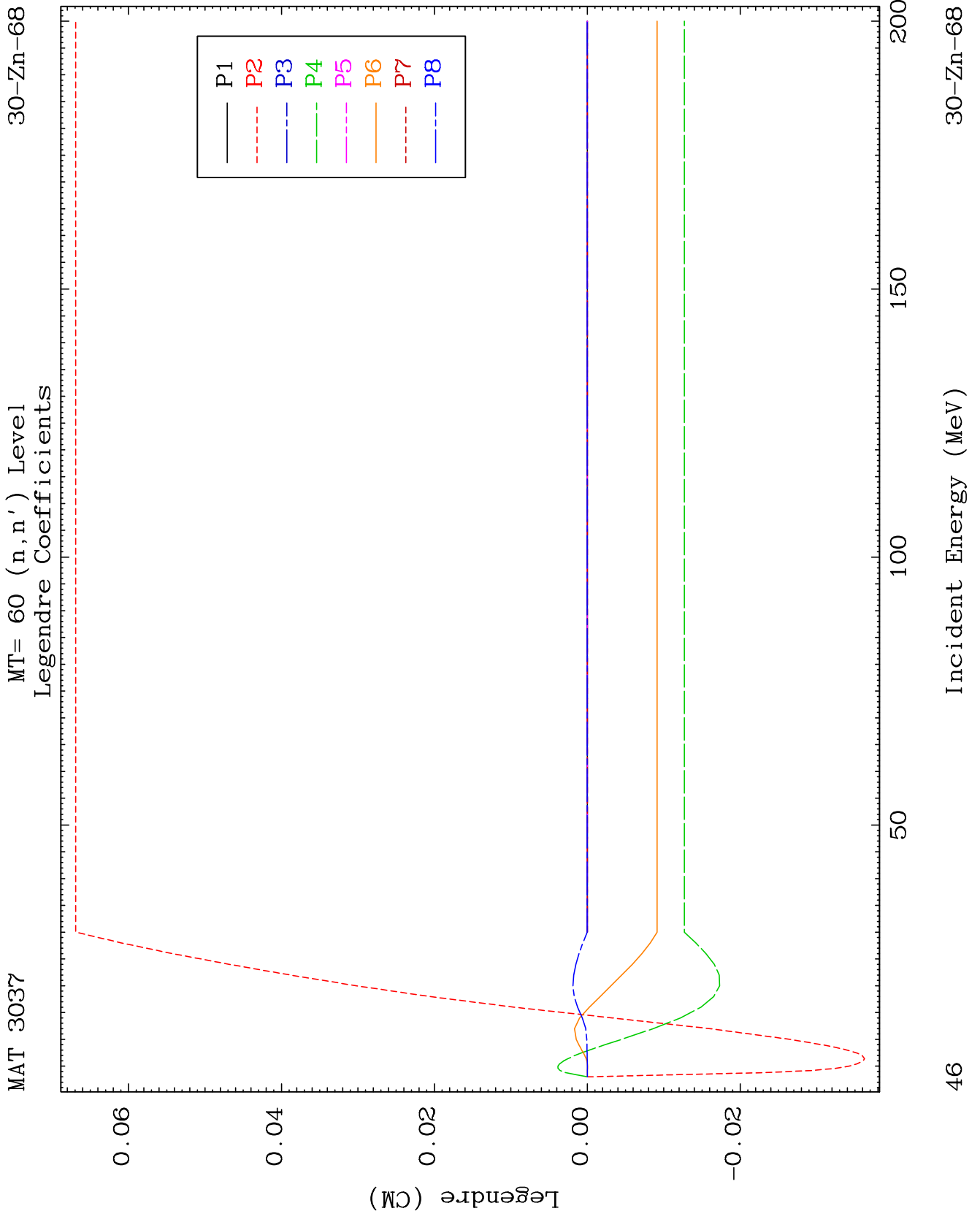
30-Zn-68

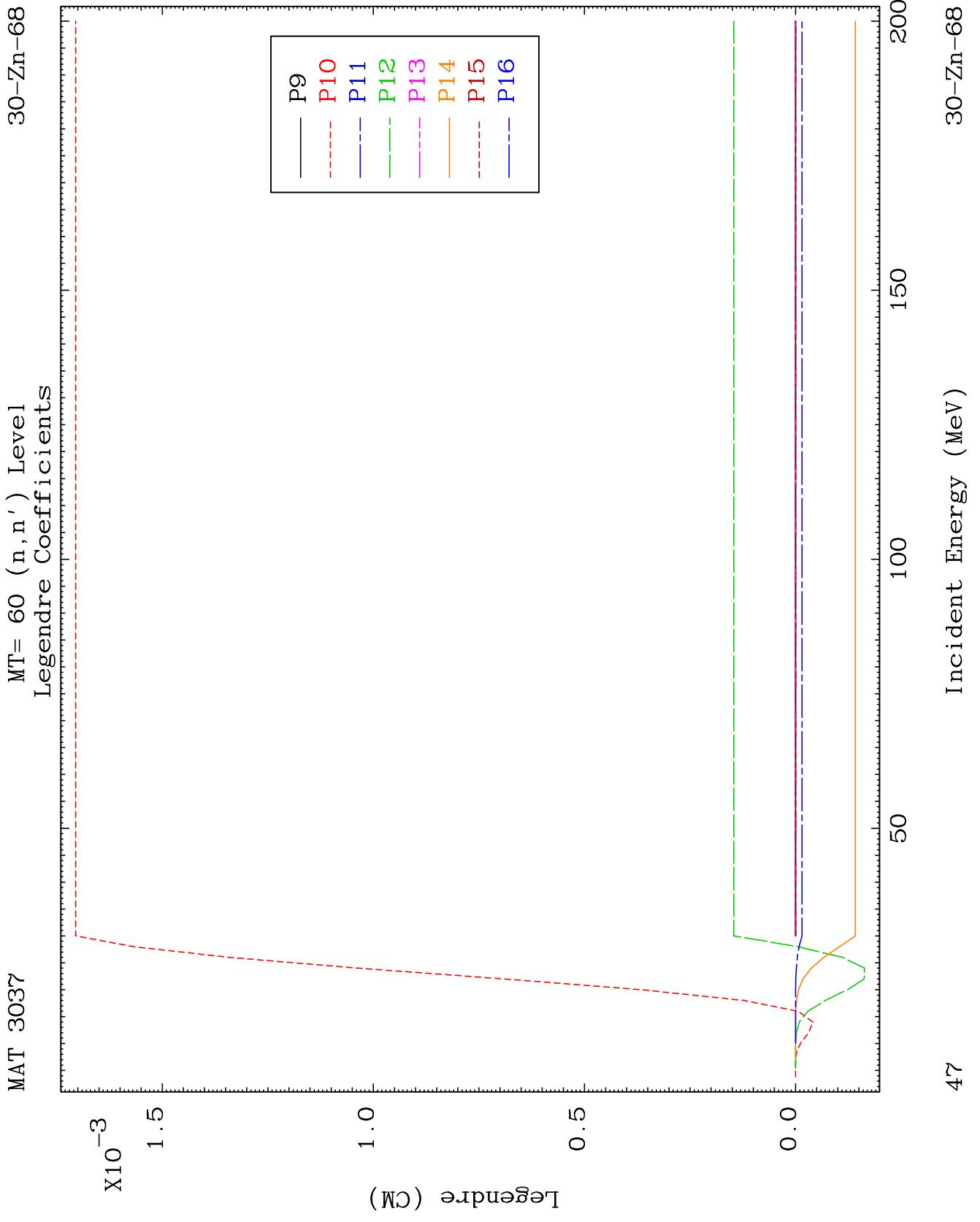
MAT 3037

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

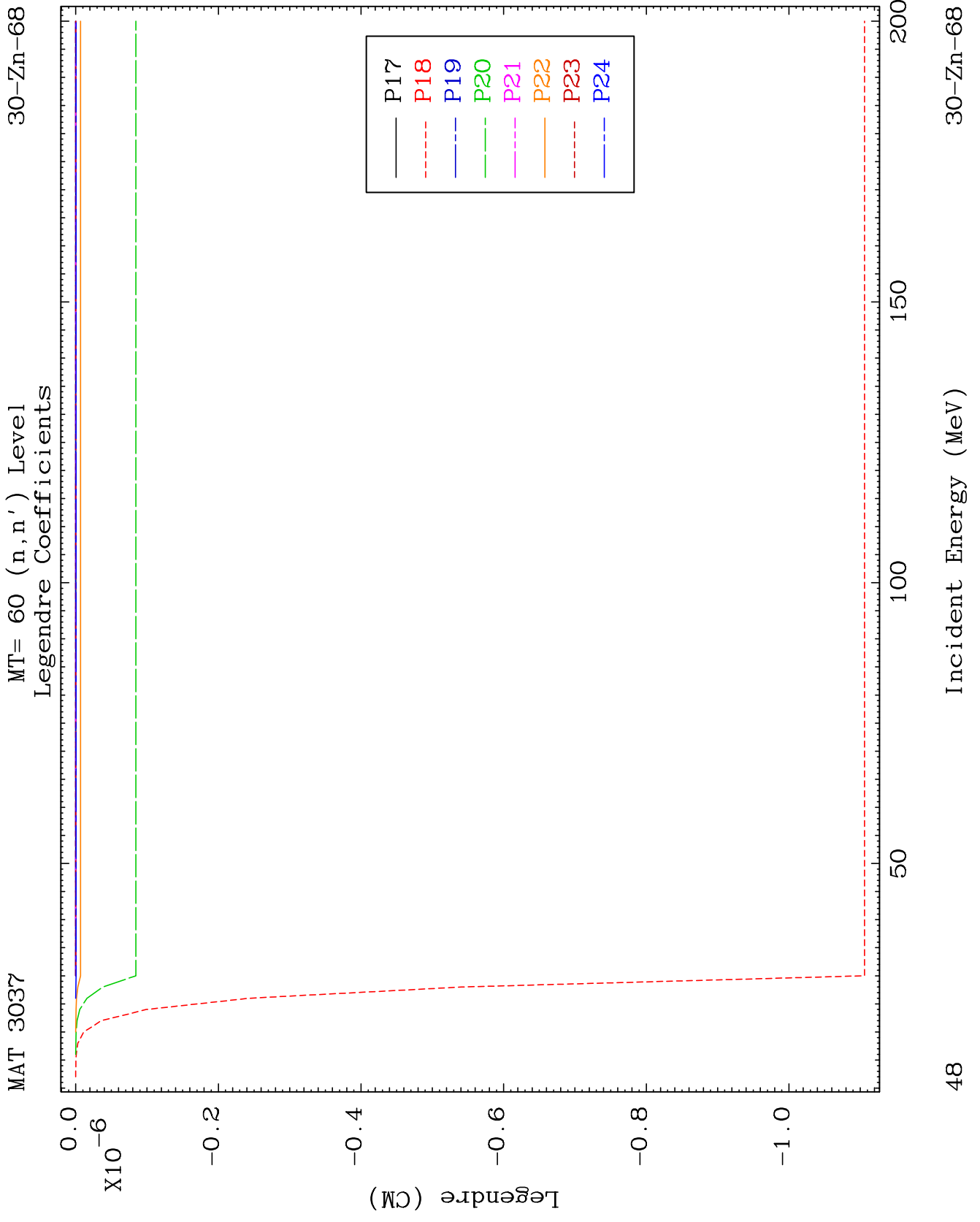
30-Zn-68







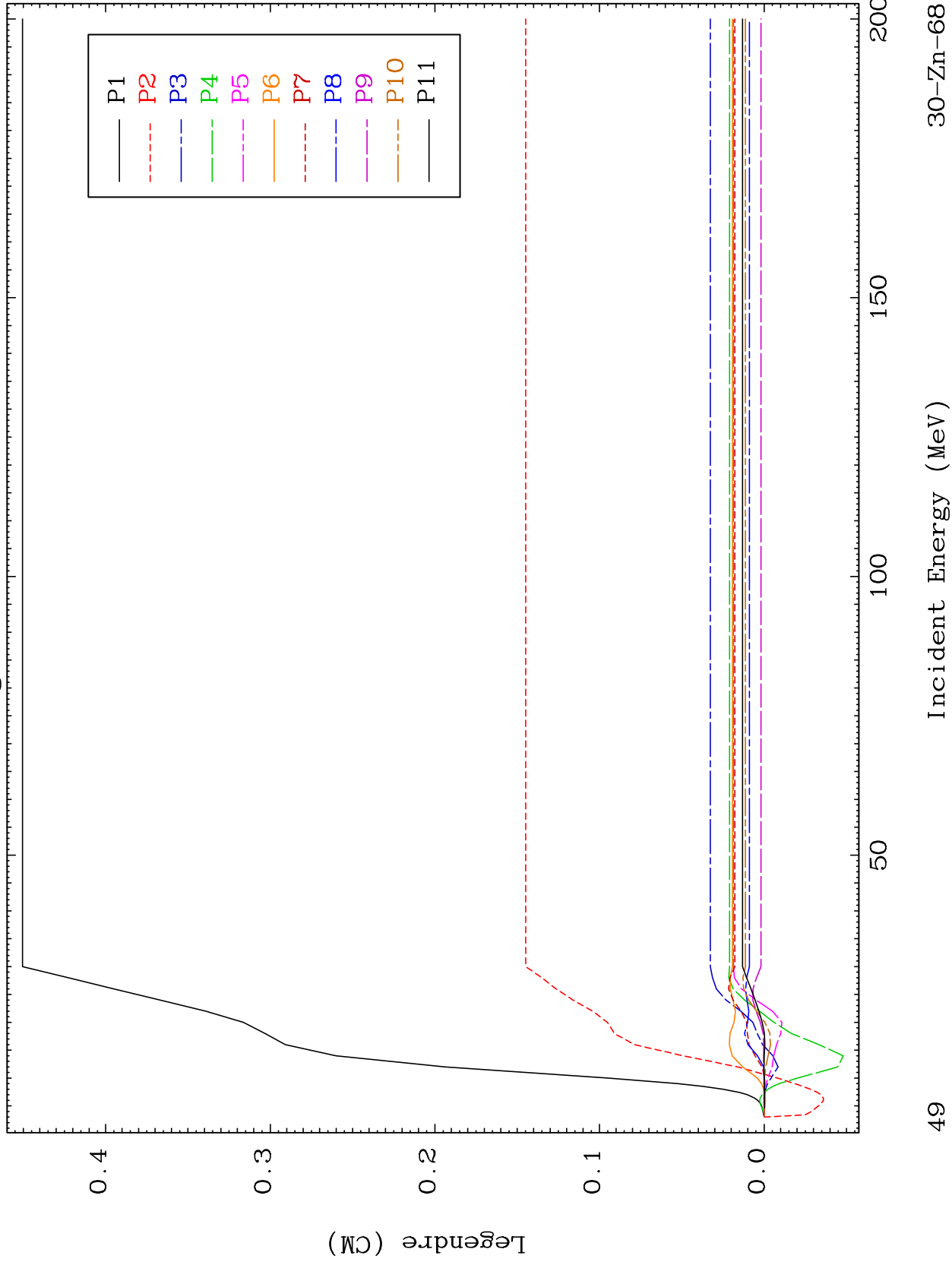




MAT 3037

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

30-Zn-68



49

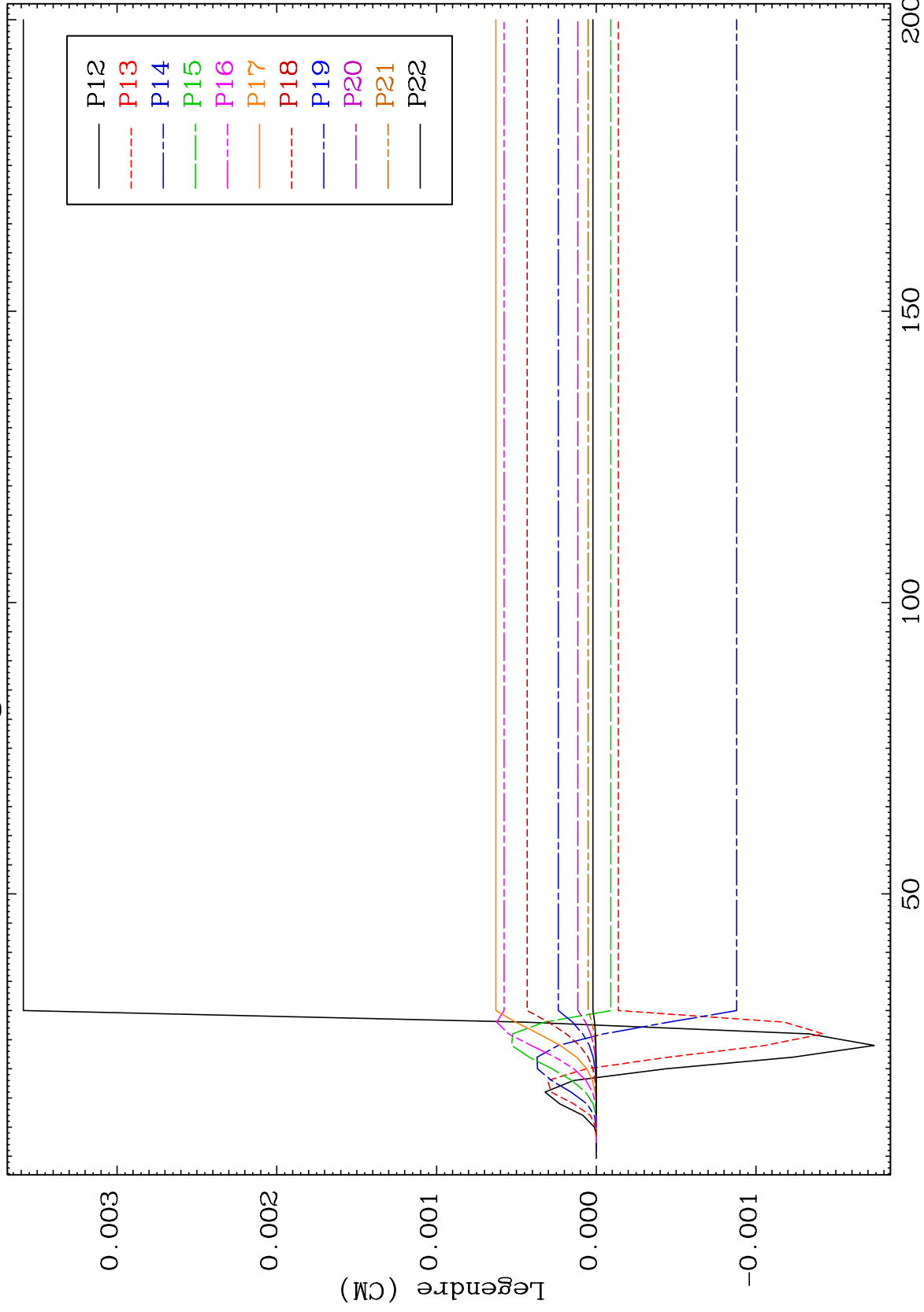
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



50

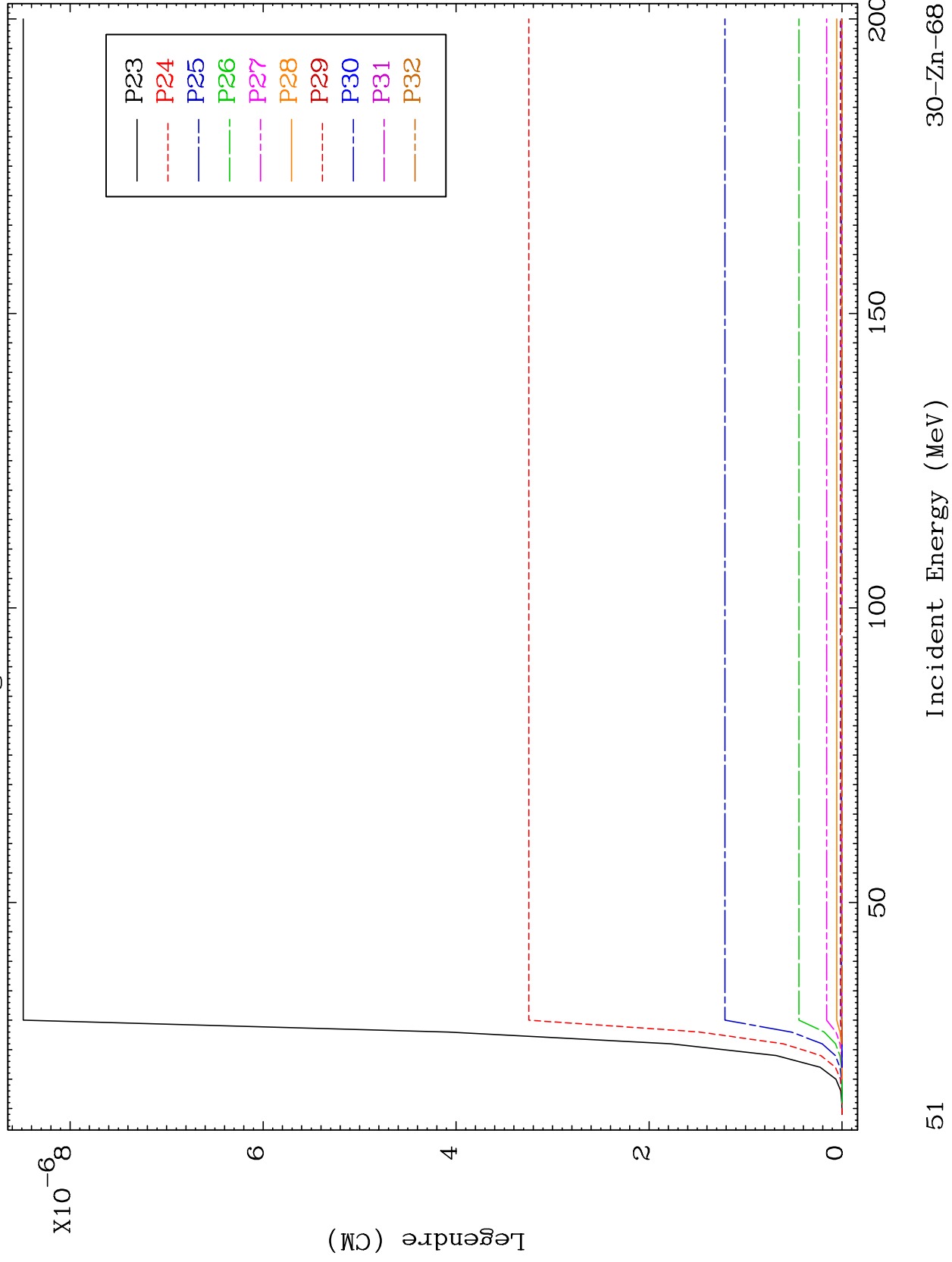
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68



51

Incident Energy (MeV)

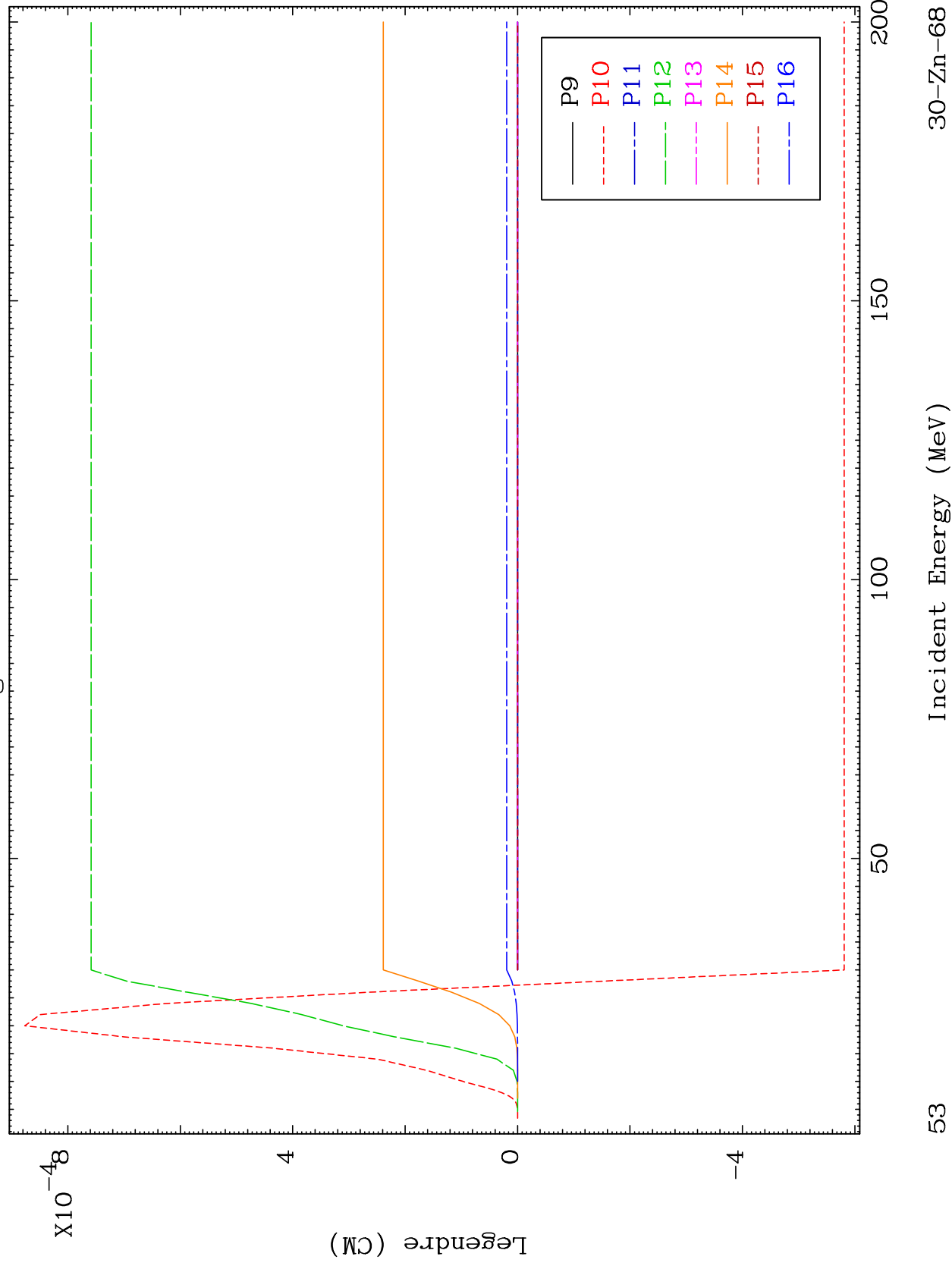
30-Zn-68



MAT 3037

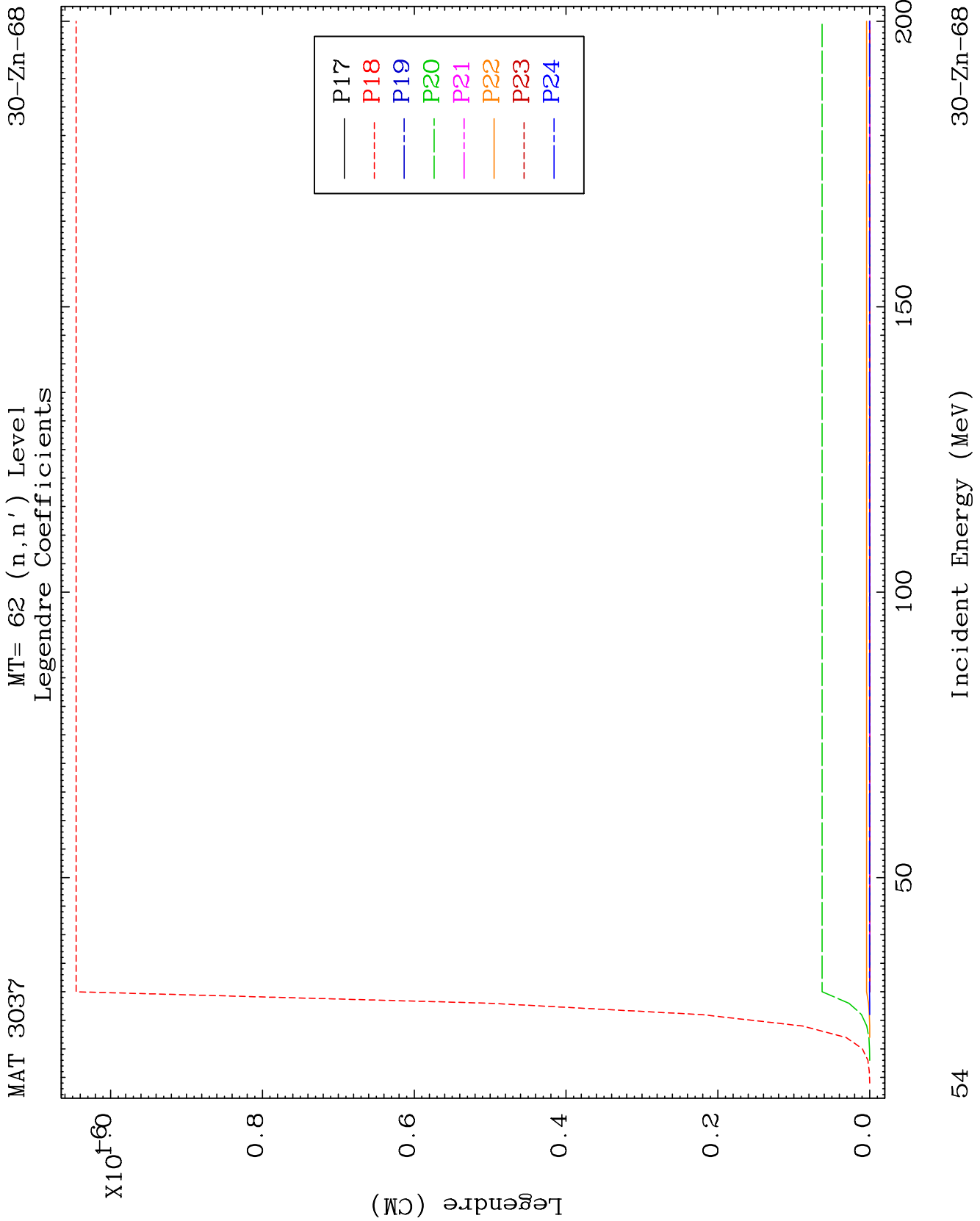
MT= 62 (n,n') Level  
Legendre Coefficients

30-Zn-68



53

30-Zn-68



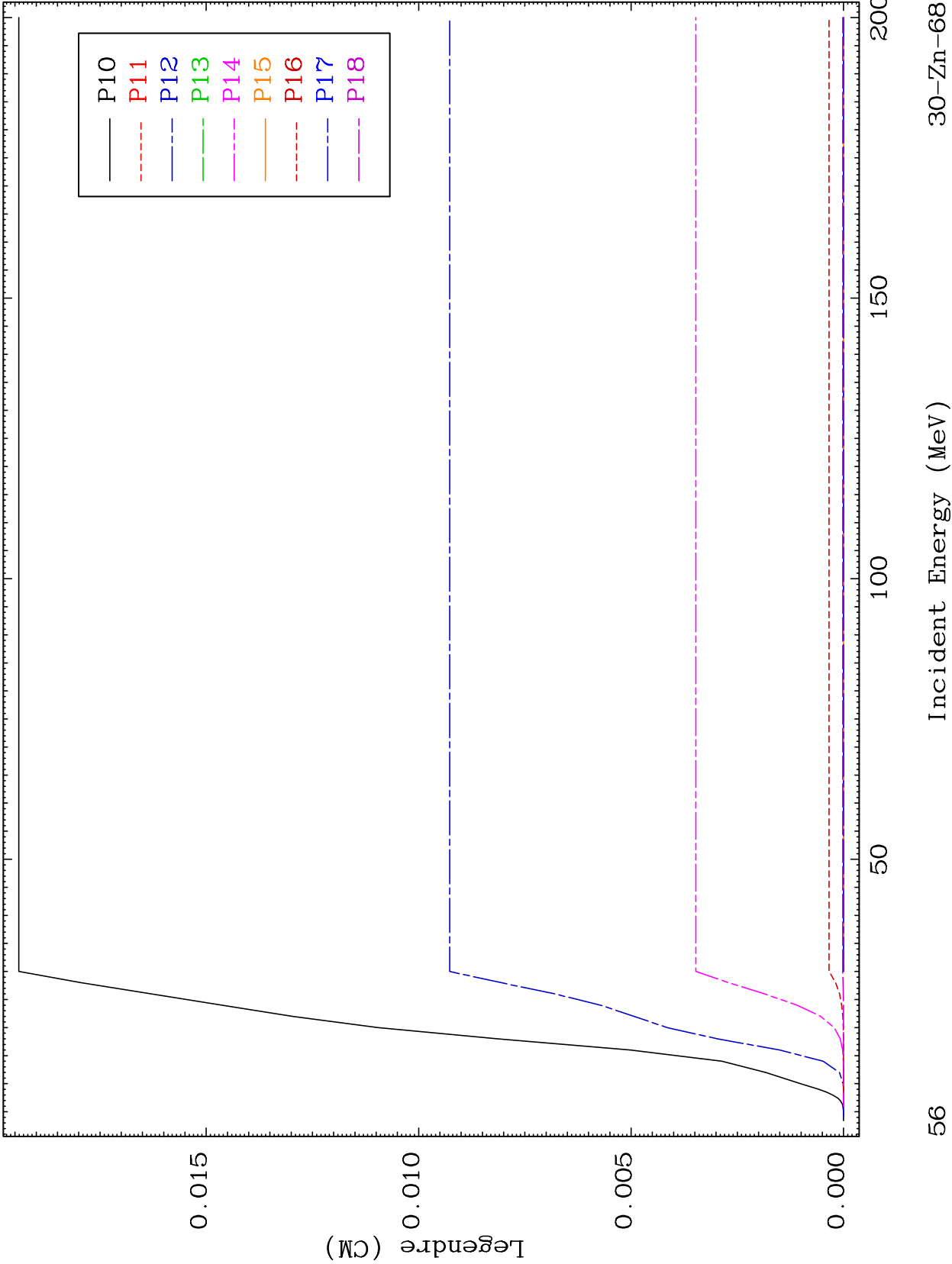




MAT 3037

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

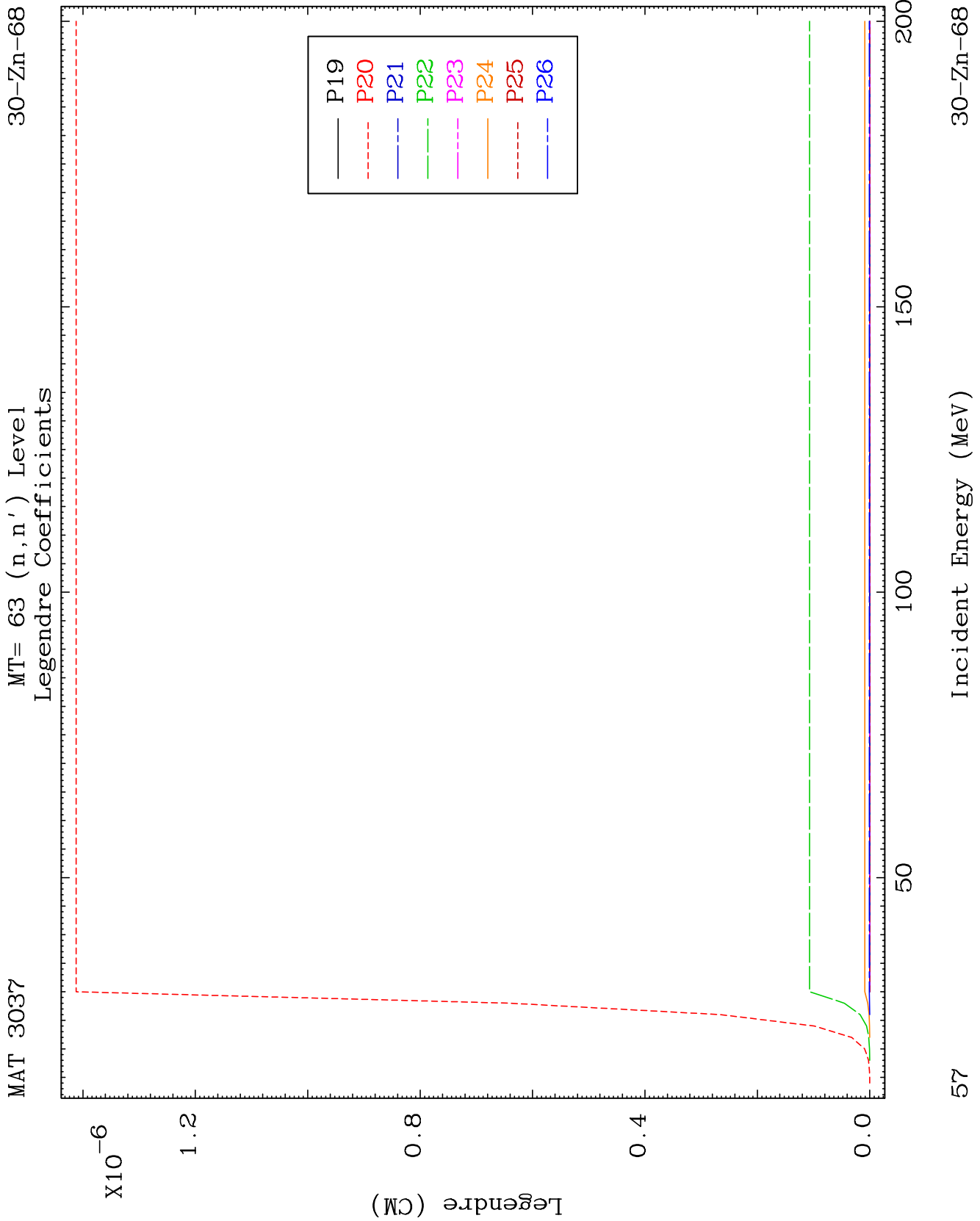
30-Zn-68



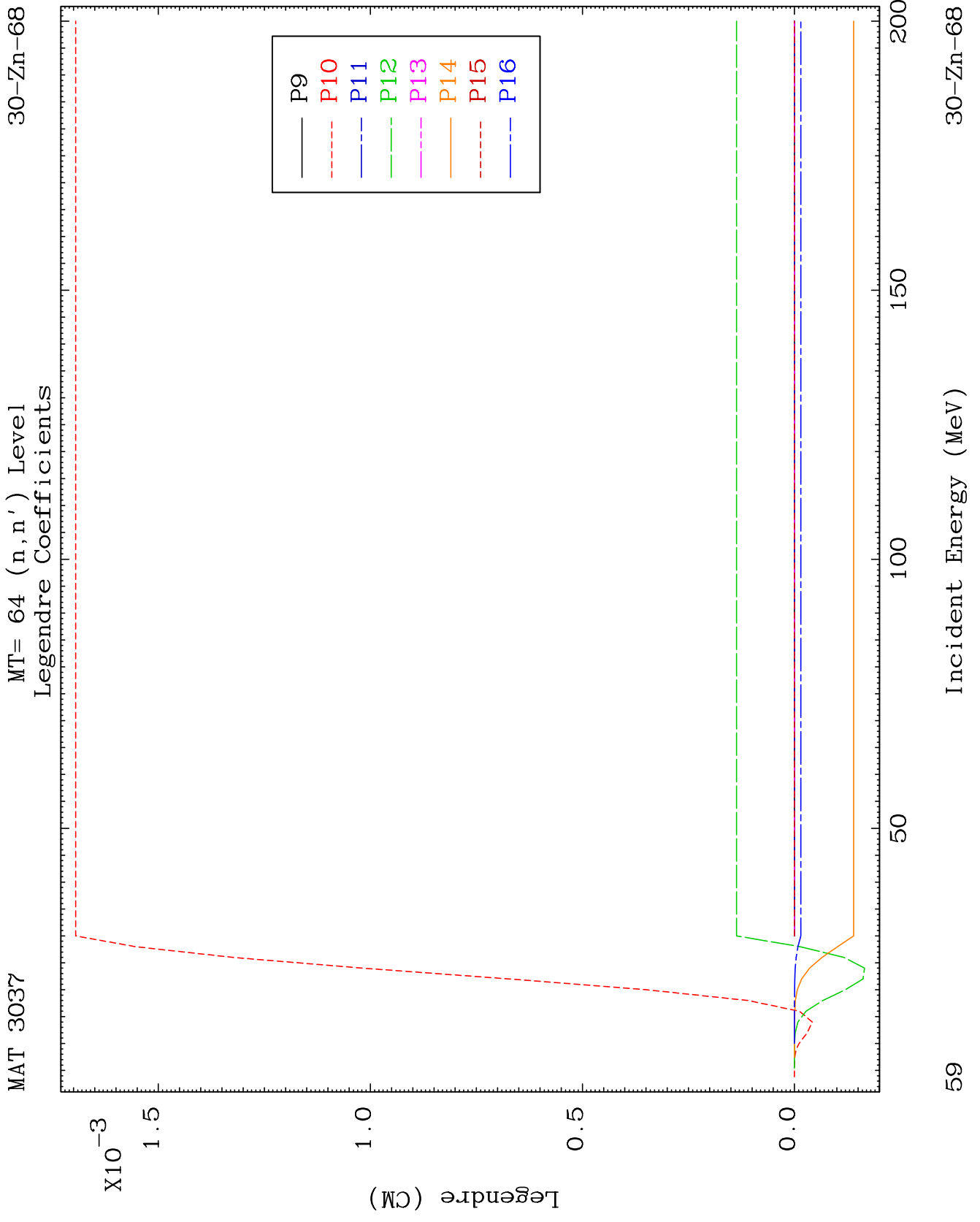
56

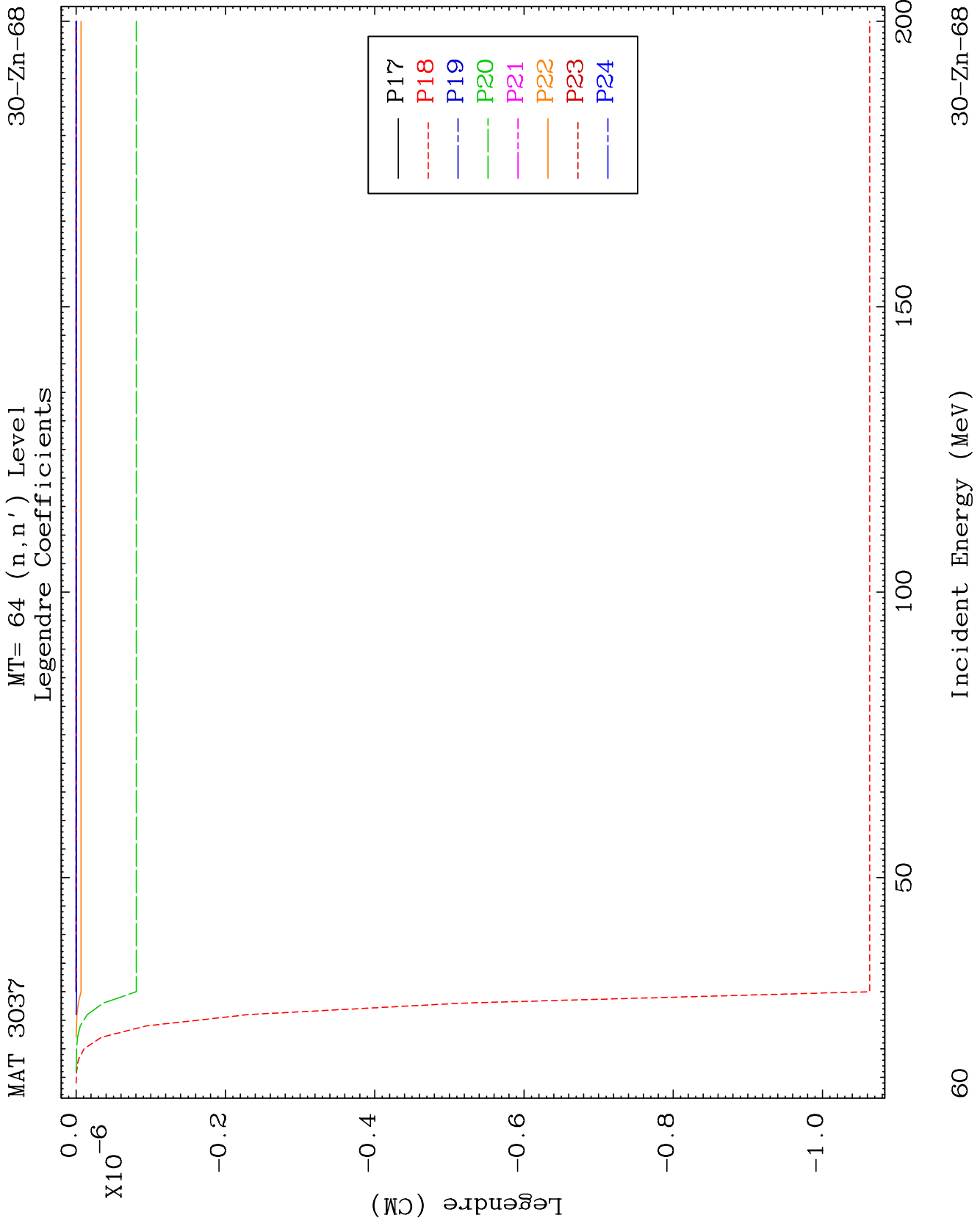
Incident Energy (MeV)

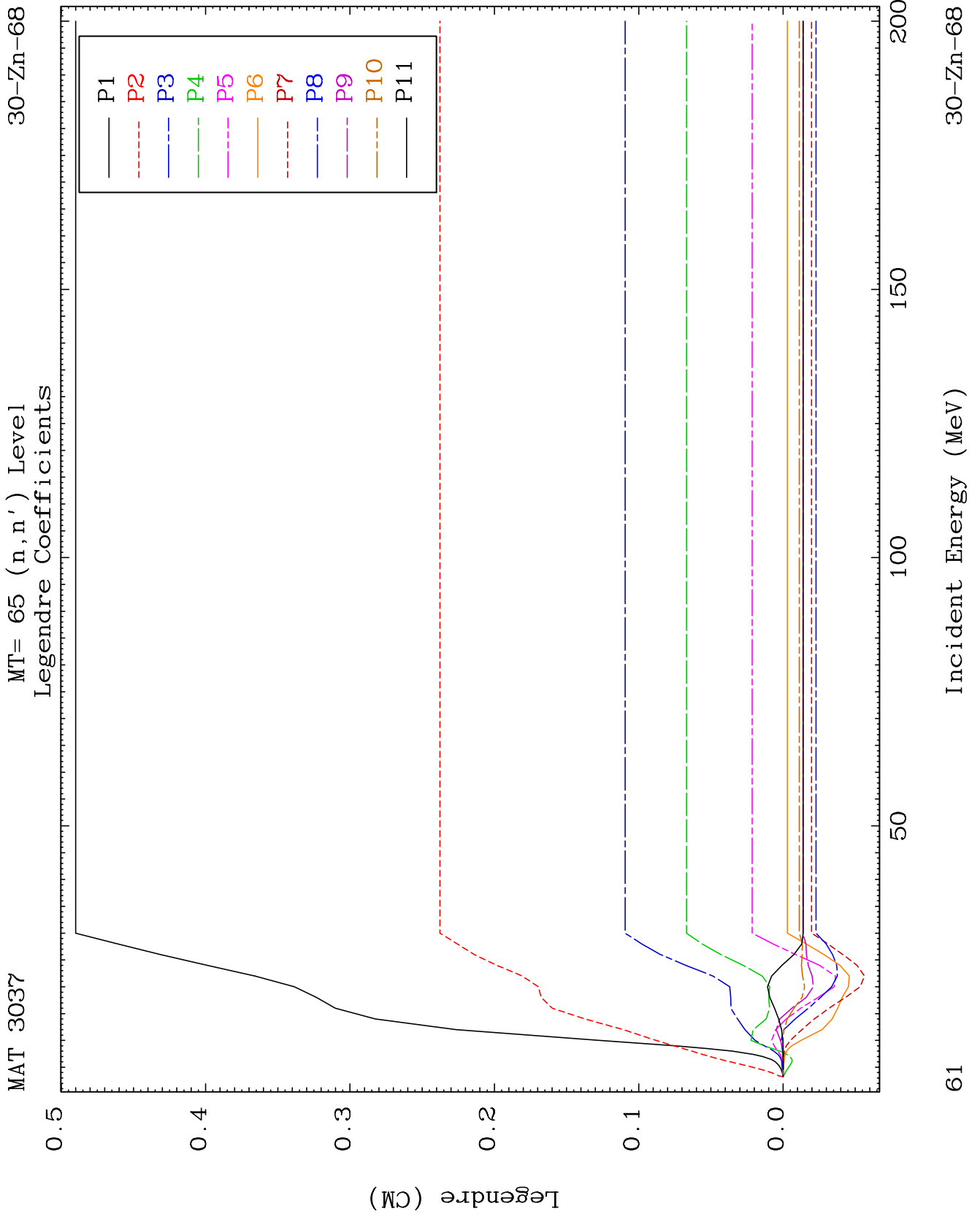
30-Zn-68







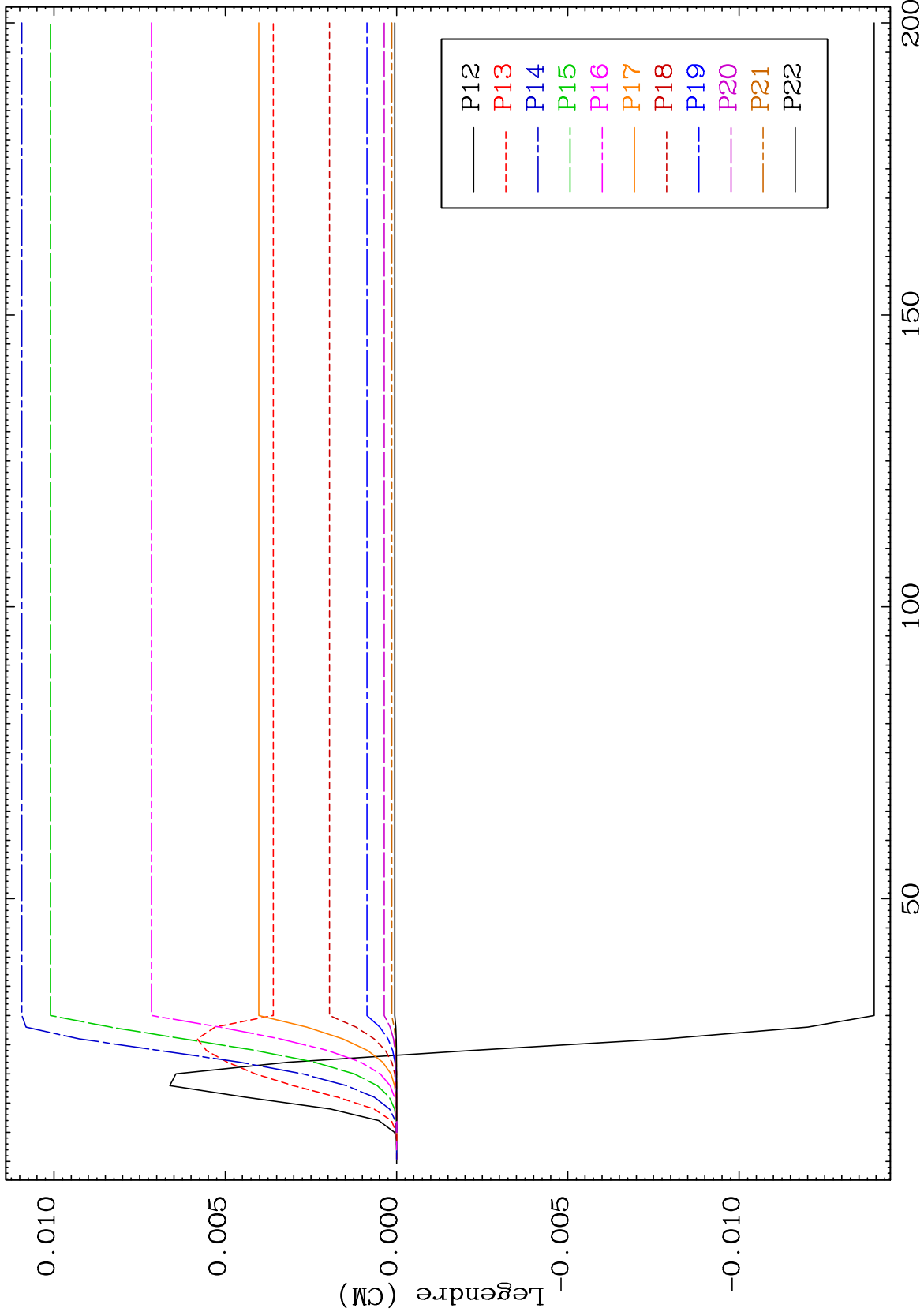




MAT 3037

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

30-Zn-68



62

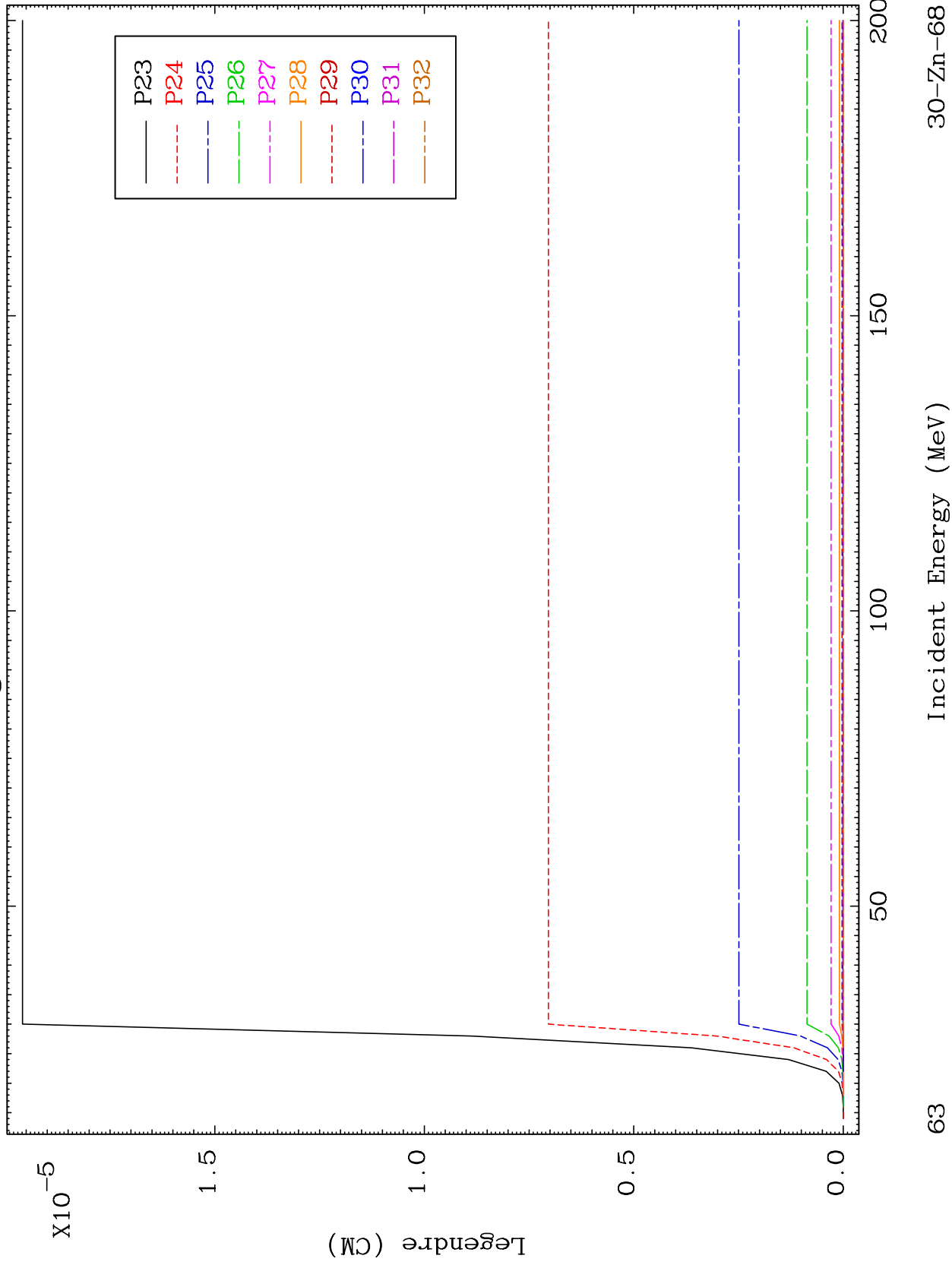
Incident Energy (MeV)

30-Zn-68

MAT 3037

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

30-Zn-68

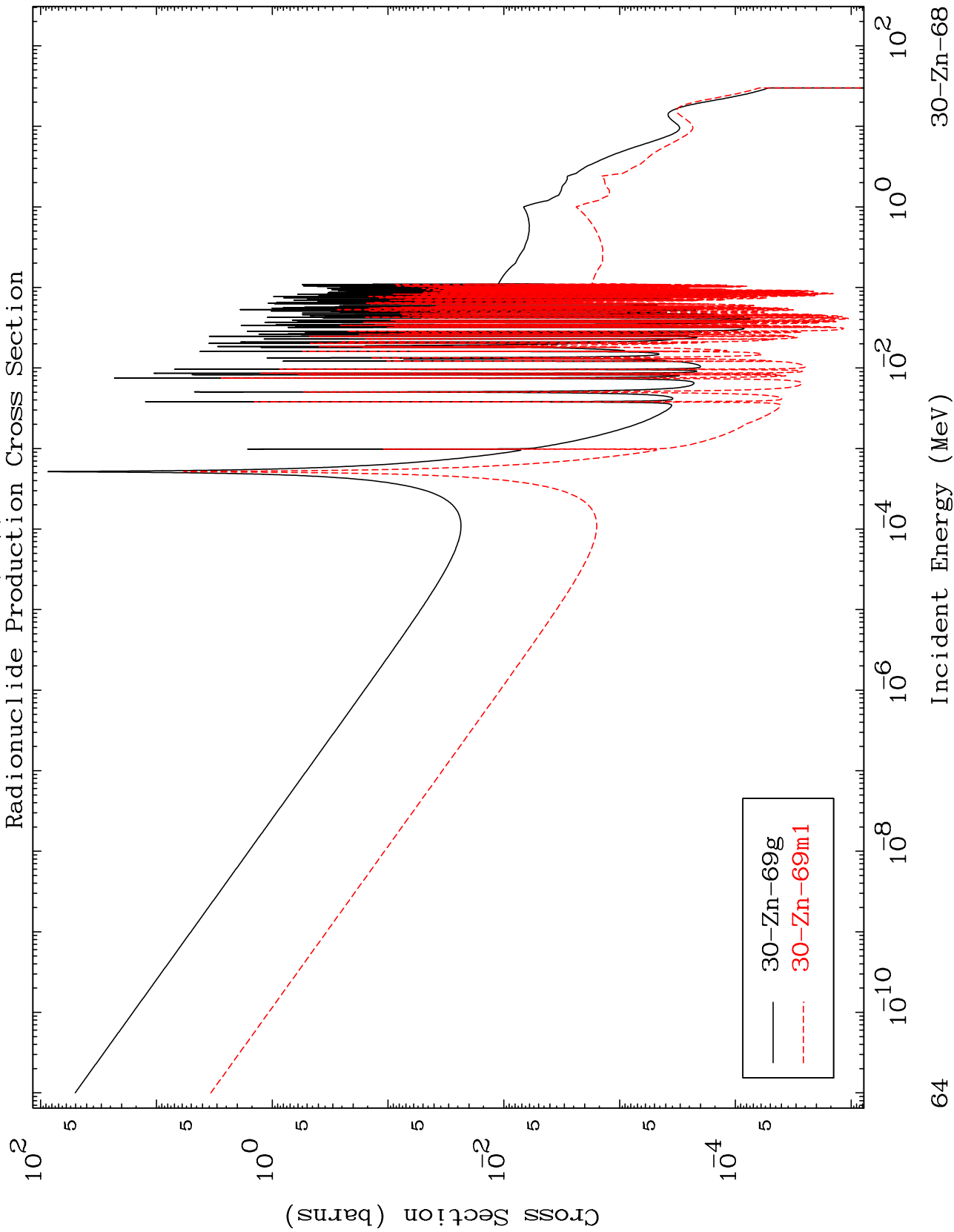




MAT 3037

30-Zn-68

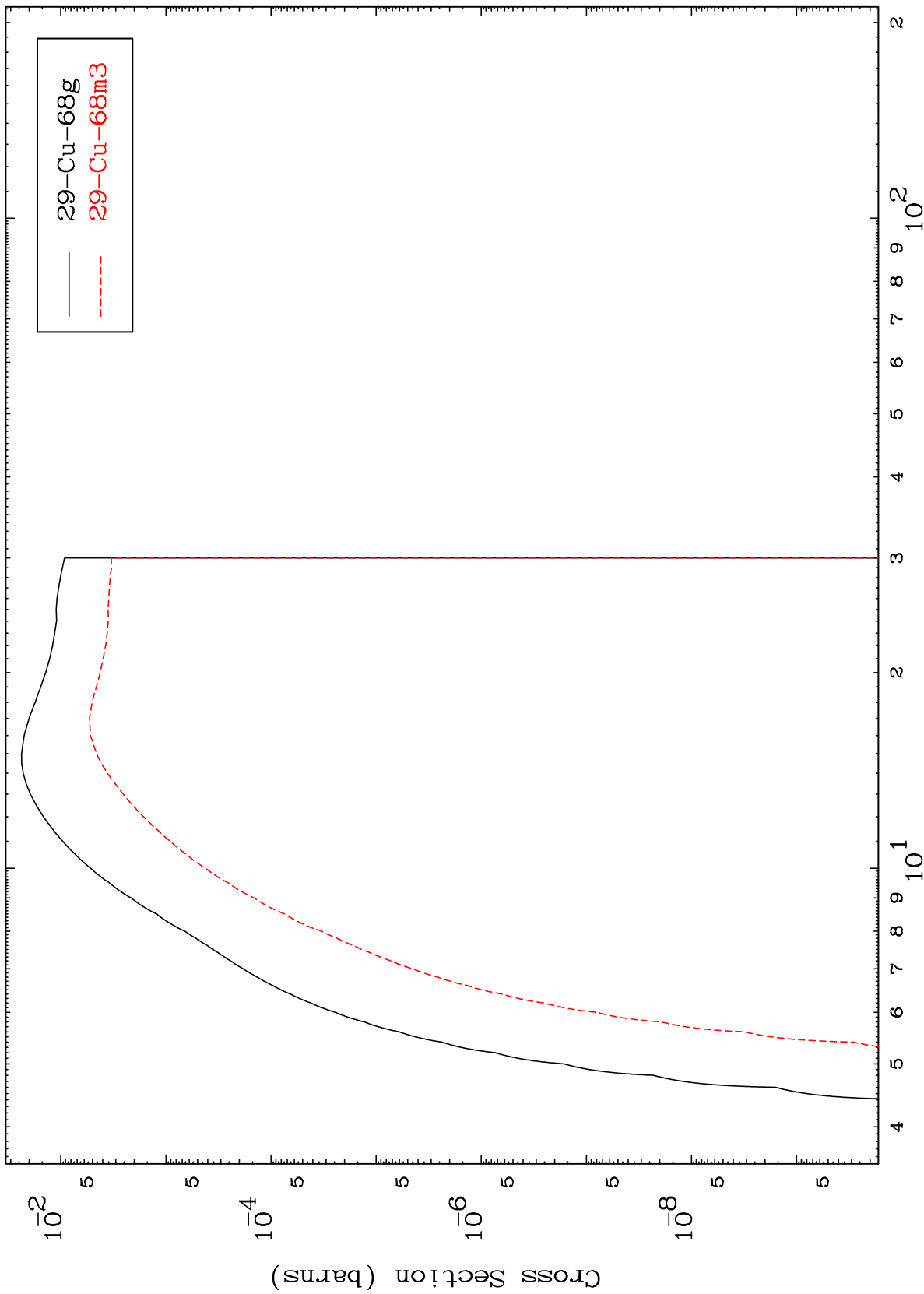
$(n, \gamma)$   
Radionuclide Production Cross Section



MAT 3037

30-Zn-68

(n,p)  
Radionuclide Production Cross Section



30-Zn-68

Incident Energy (MeV)

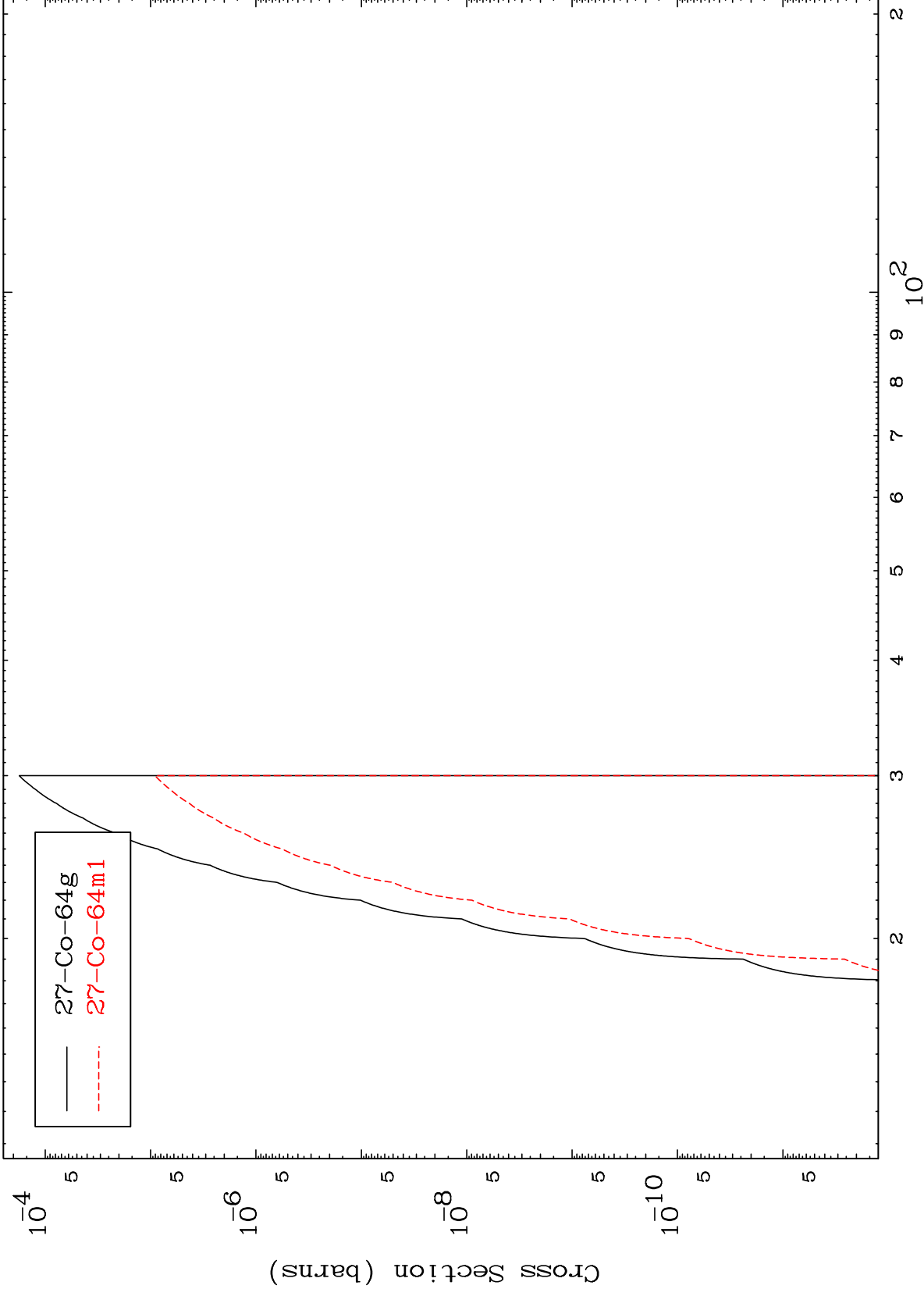
65

MAT 3037

(n,p)  $\alpha$

30-Zn-68

Radionuclide Production Cross Section



66

Incident Energy (MeV)

30-Zn-68