

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](mailto:redcullen1@comcast.net)

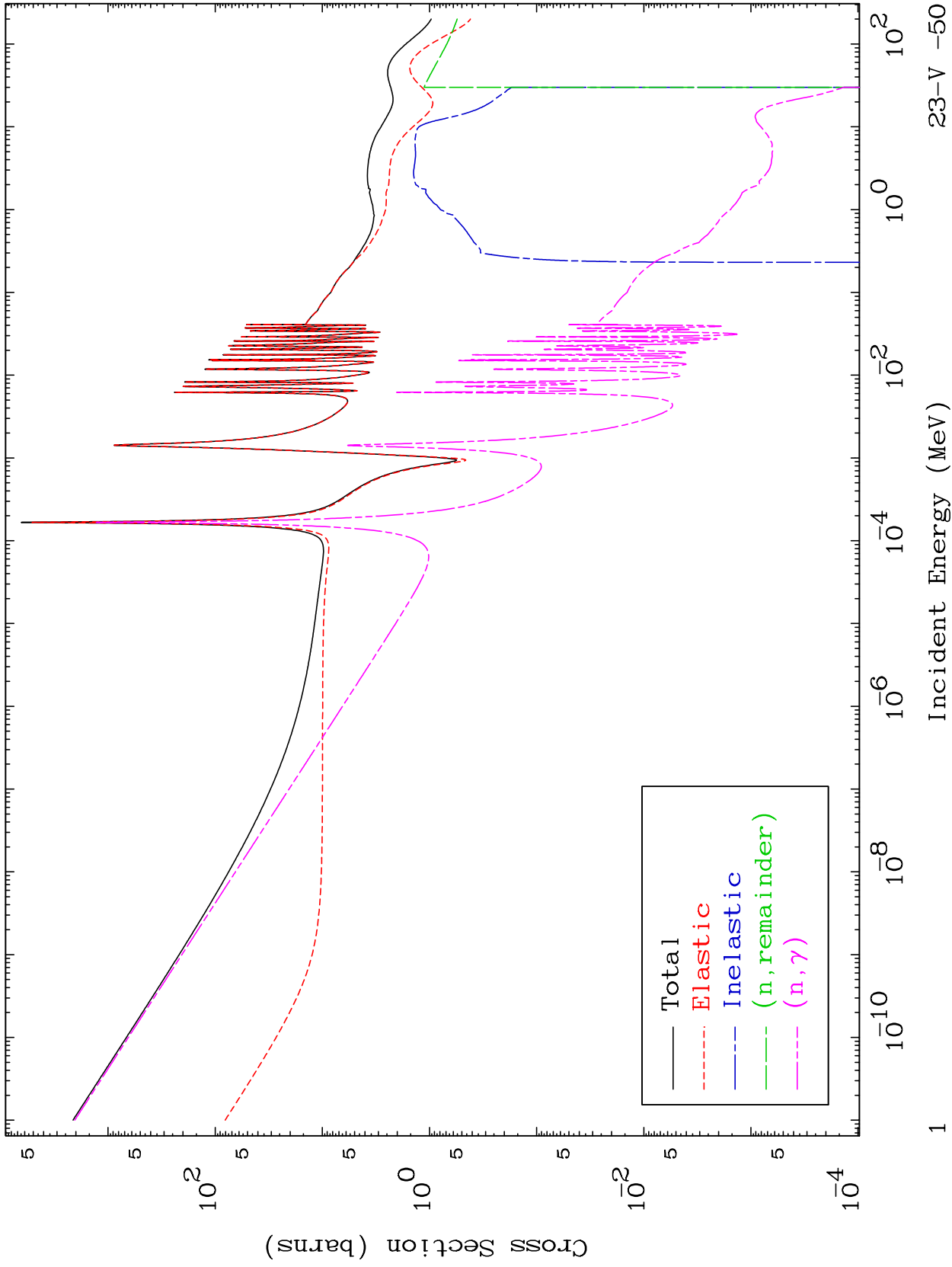
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

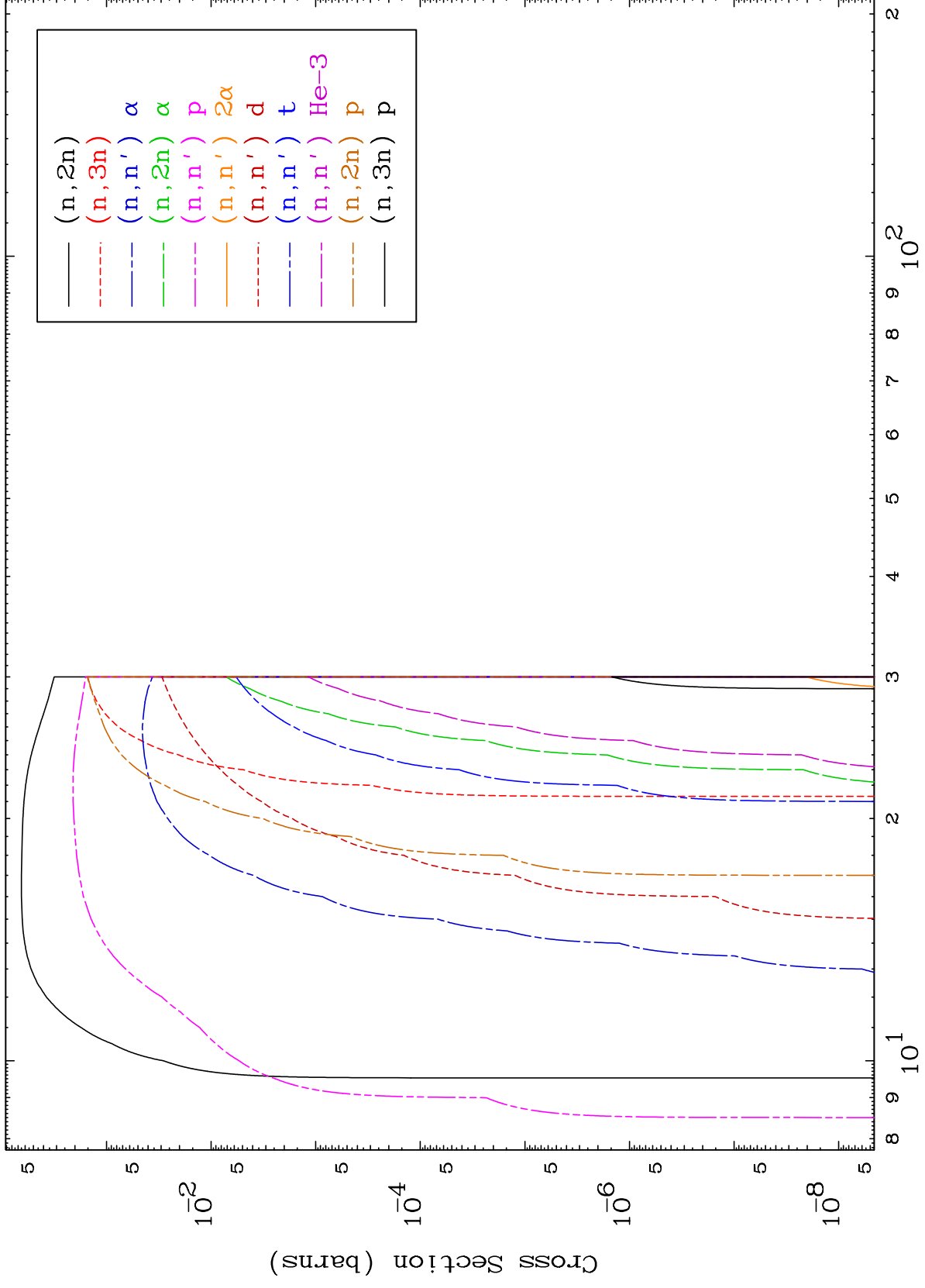
Press Mouse Button to Start

MAT 2325

Major  
293 Kelvin Cross Sections

23-V -50

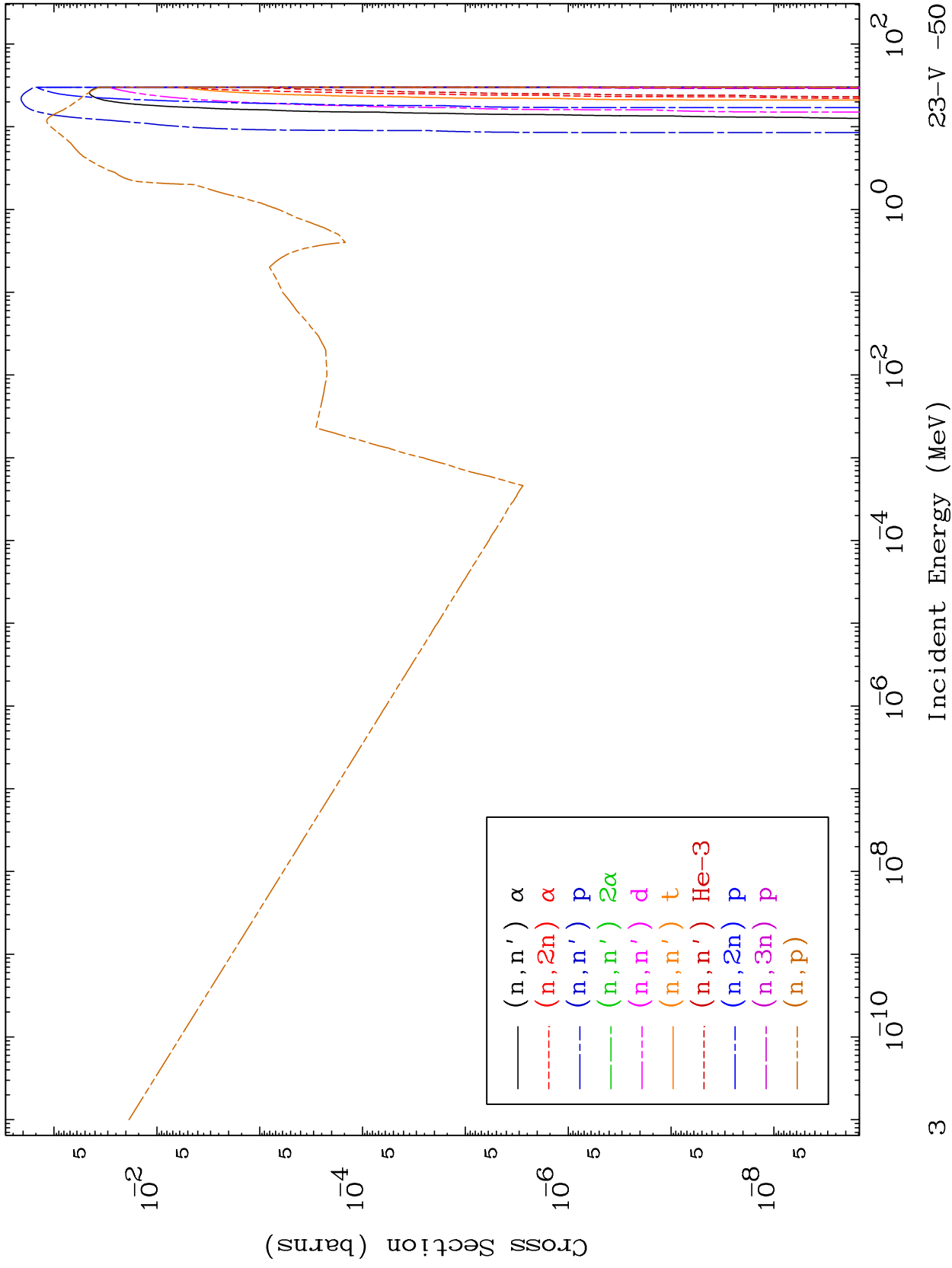




MAT 2325

Charged Particle  
293 Kelvin Cross Sections

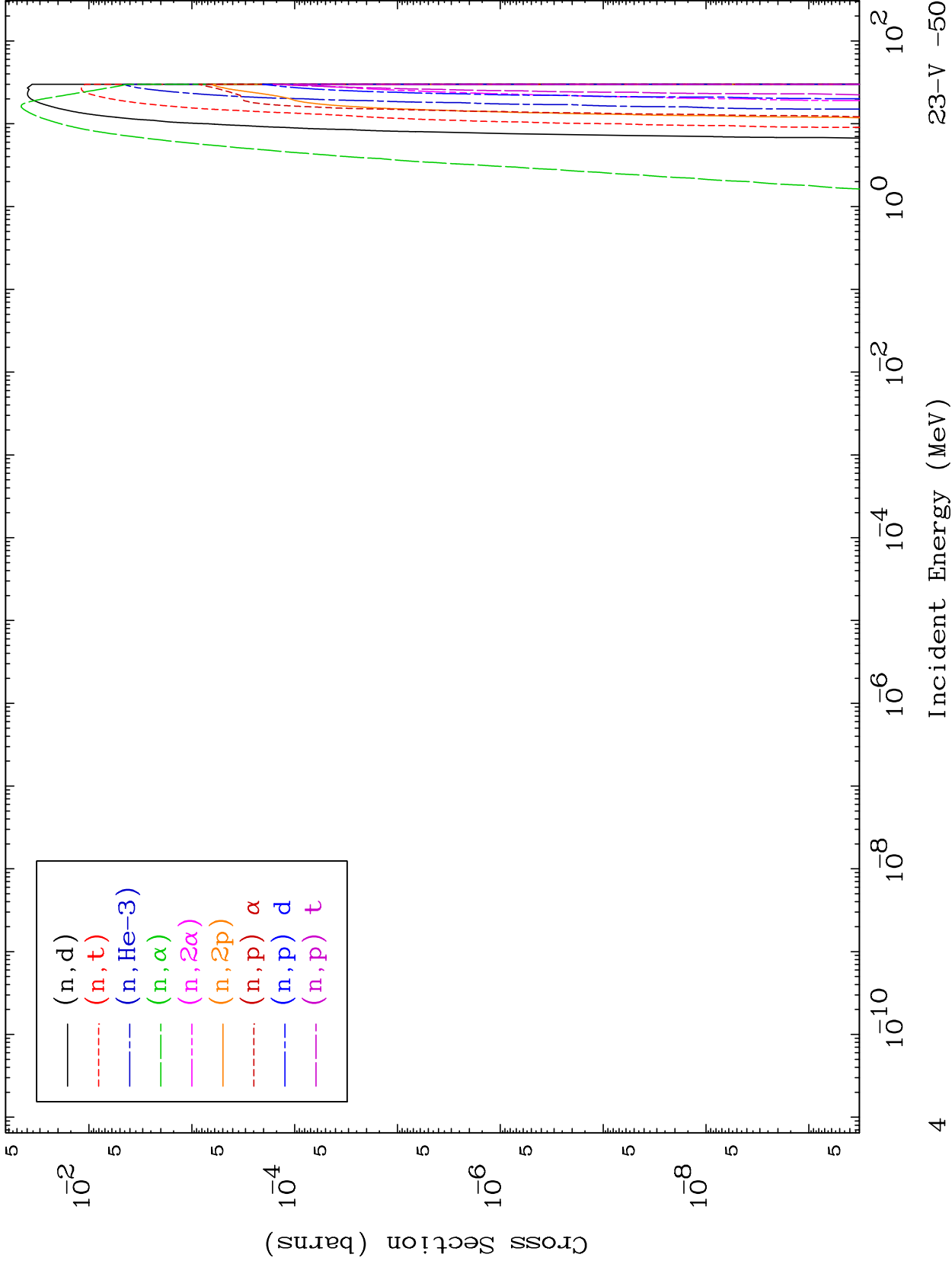
23-V -50



MAT 2325

Charged Particle  
293 Kelvin Cross Sections

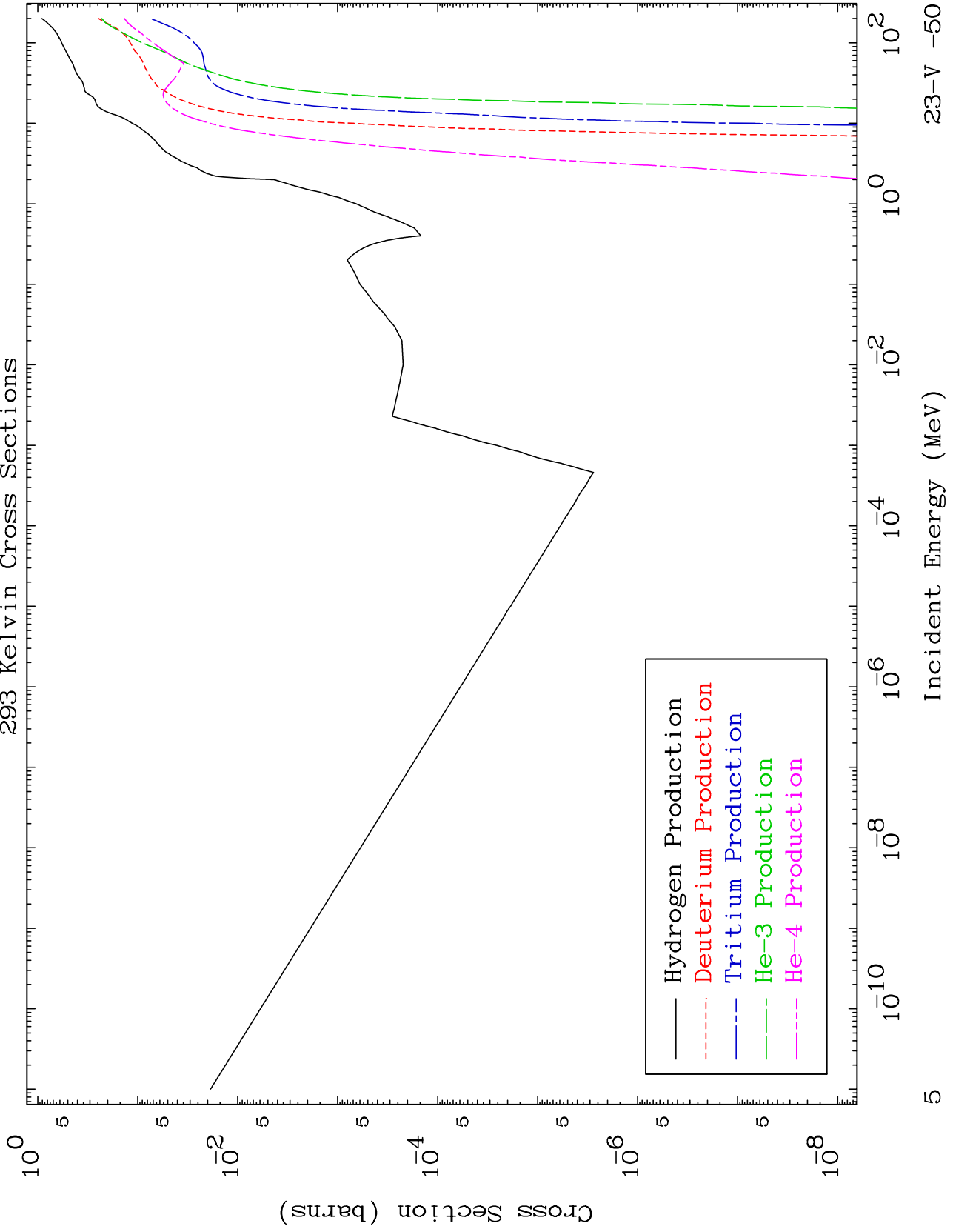
23-V -50

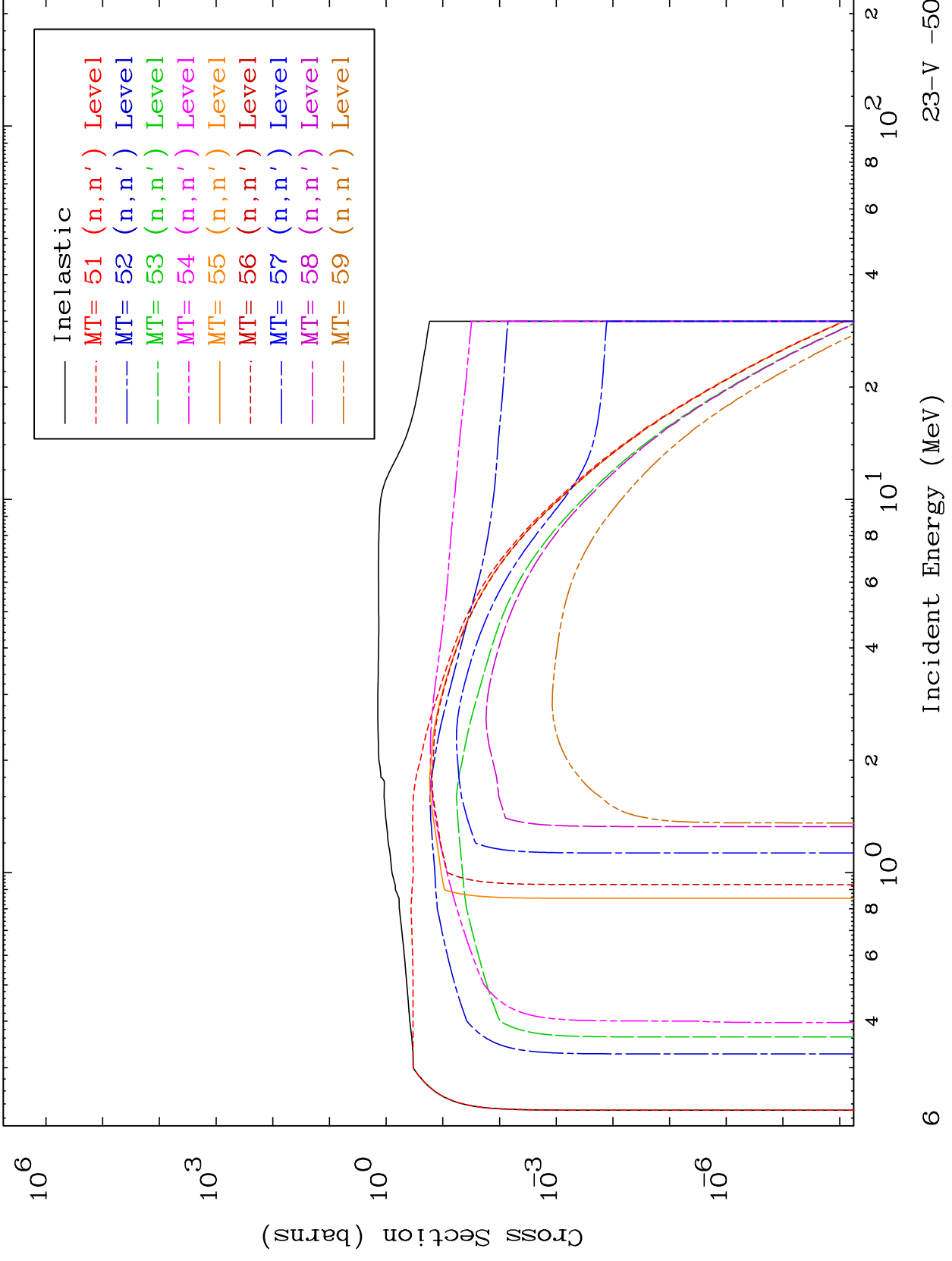


MAT 2325

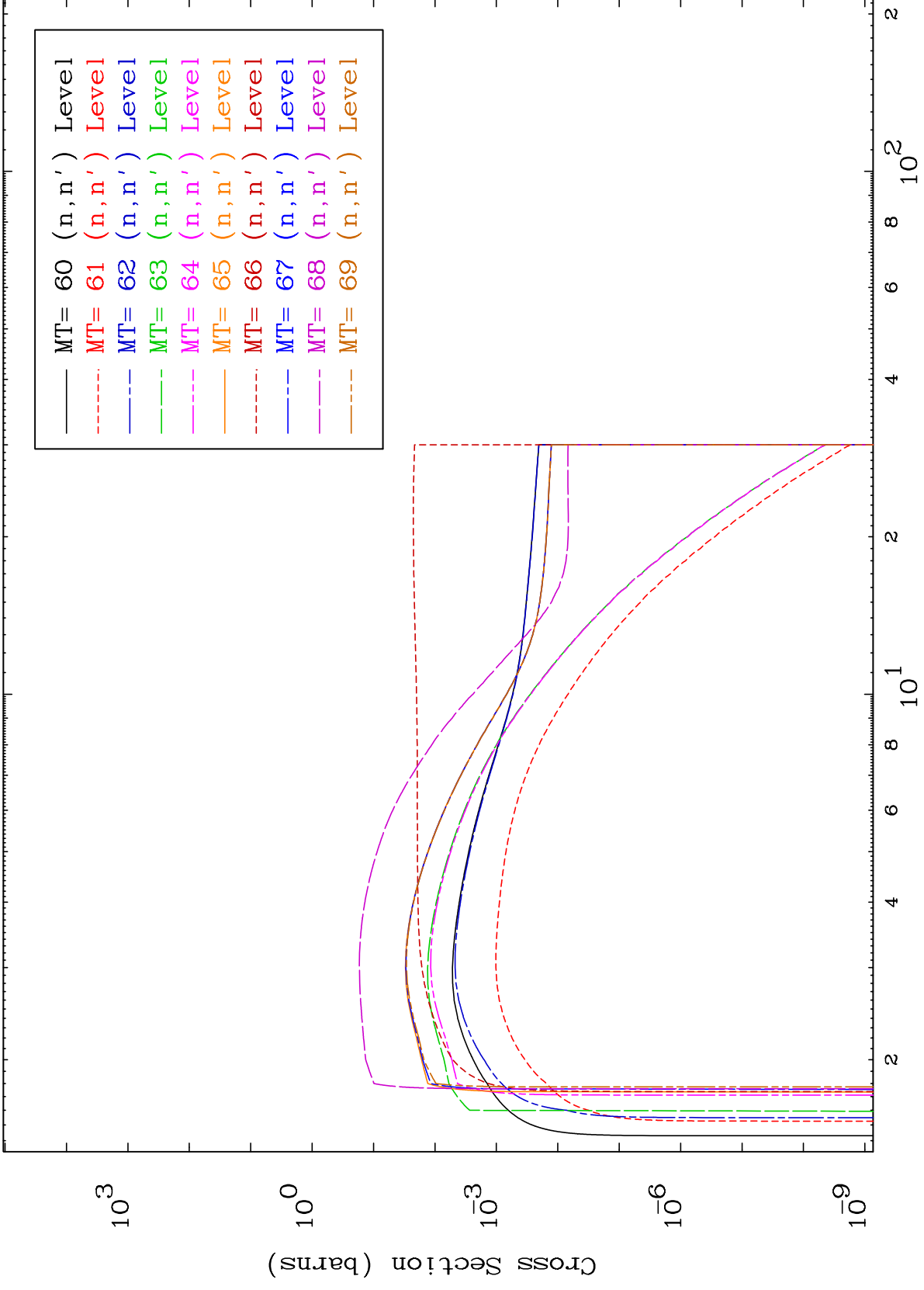
Particle Production  
293 Kelvin Cross Sections

23-V -50





293 Kelvin Cross Sections



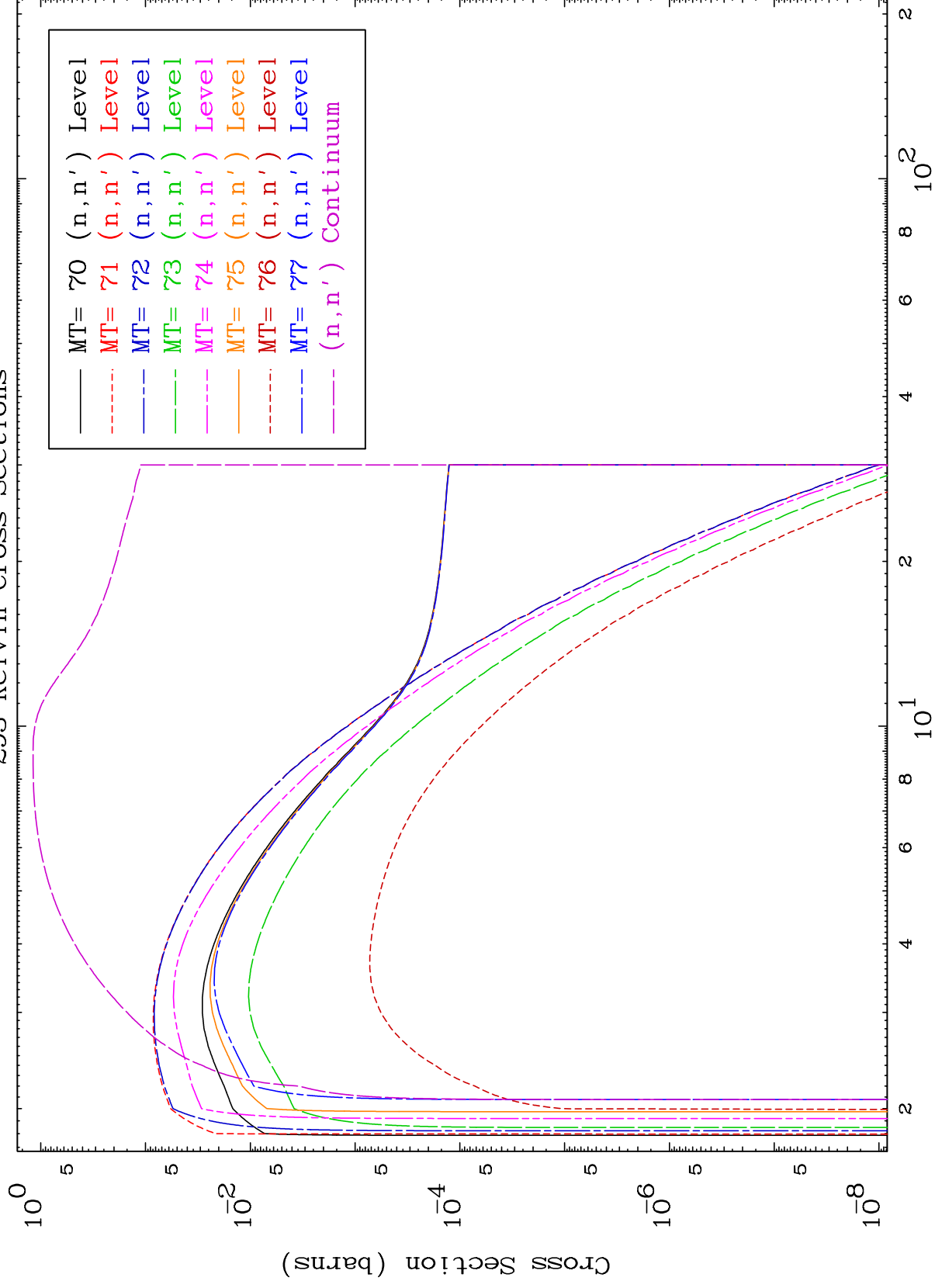


MAT 2325

(n,n') Level

23-V -50

293 Kelvin Cross Sections



8

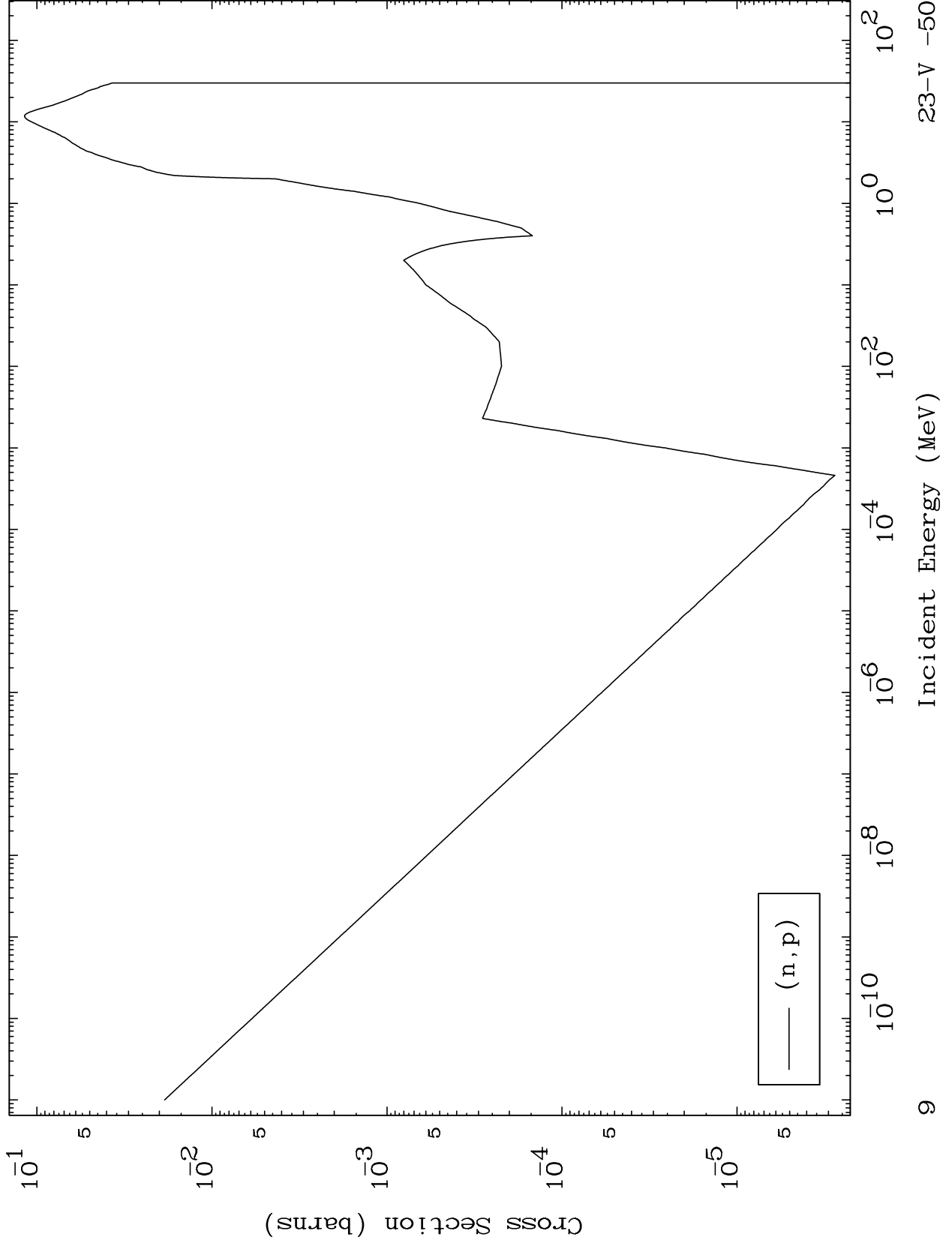
Incident Energy (MeV)

23-V -50

MAT 2325

(n,p) Levels  
293 Kelvin Cross Sections

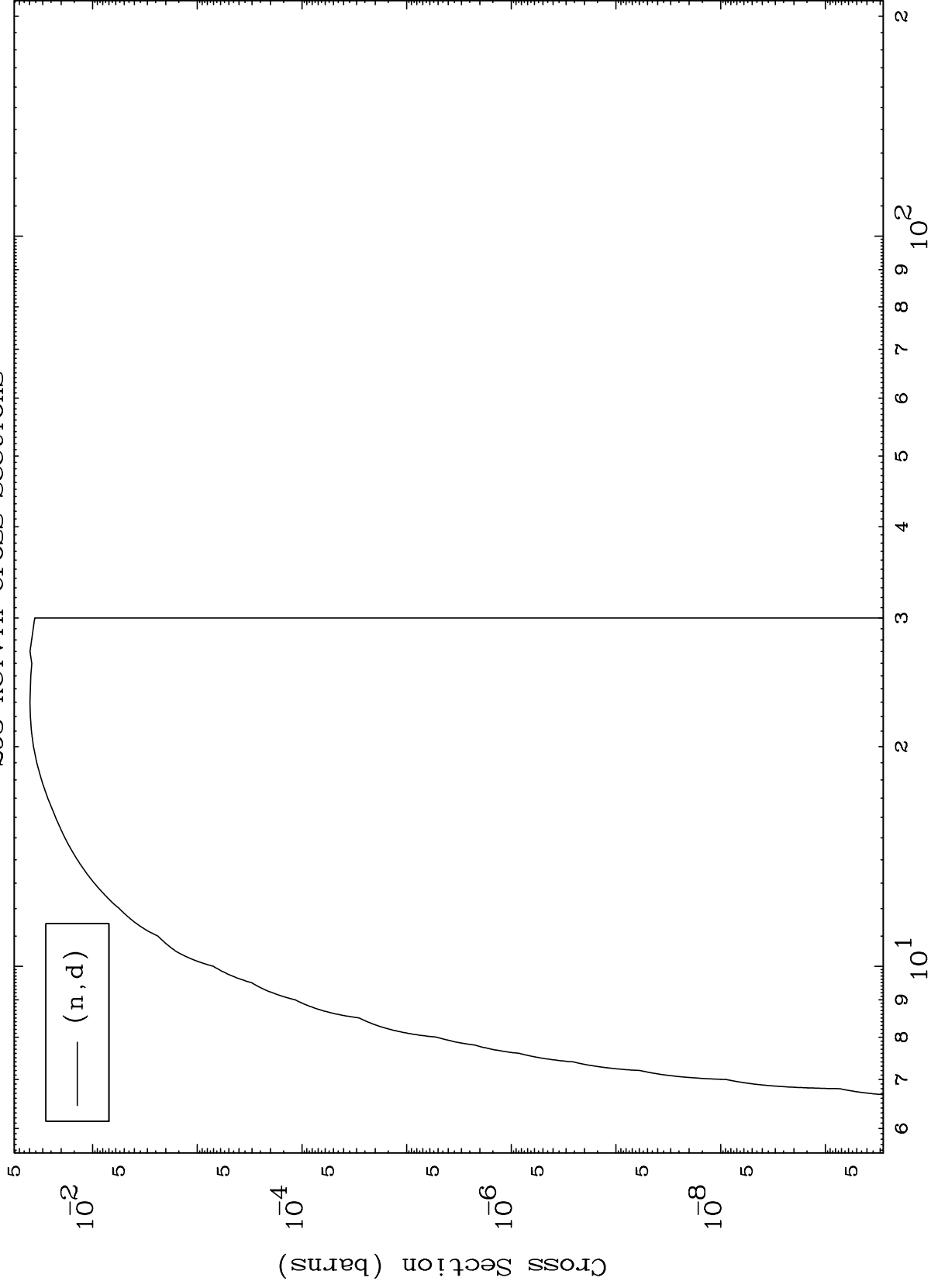
23-V -50



MAT 2325

(n,d) Levels  
293 Kelvin Cross Sections

23-V -50



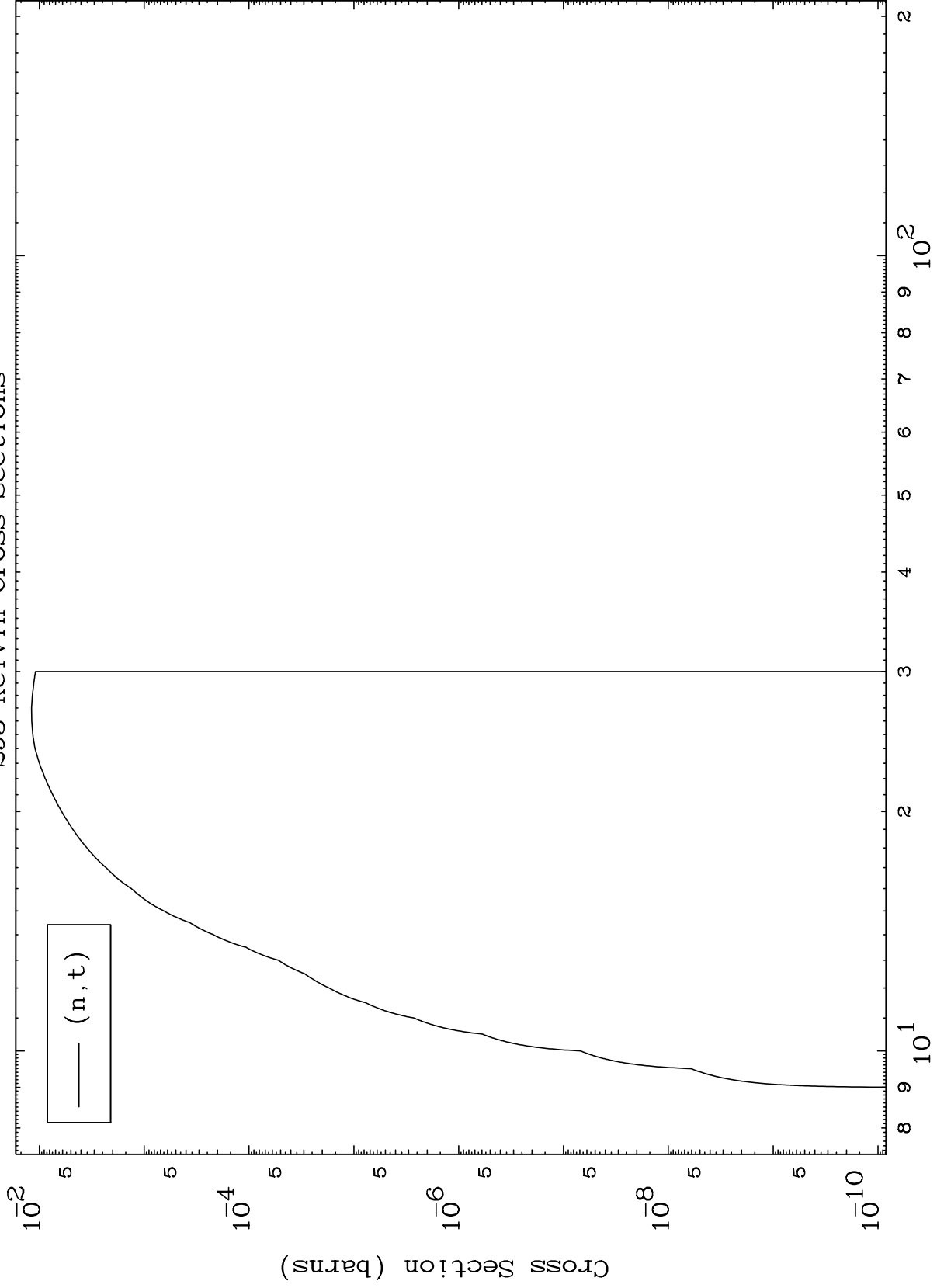
Incident Energy (MeV)

23-V -50

MAT 2325

(n,t) Levels  
293 Kelvin Cross Sections

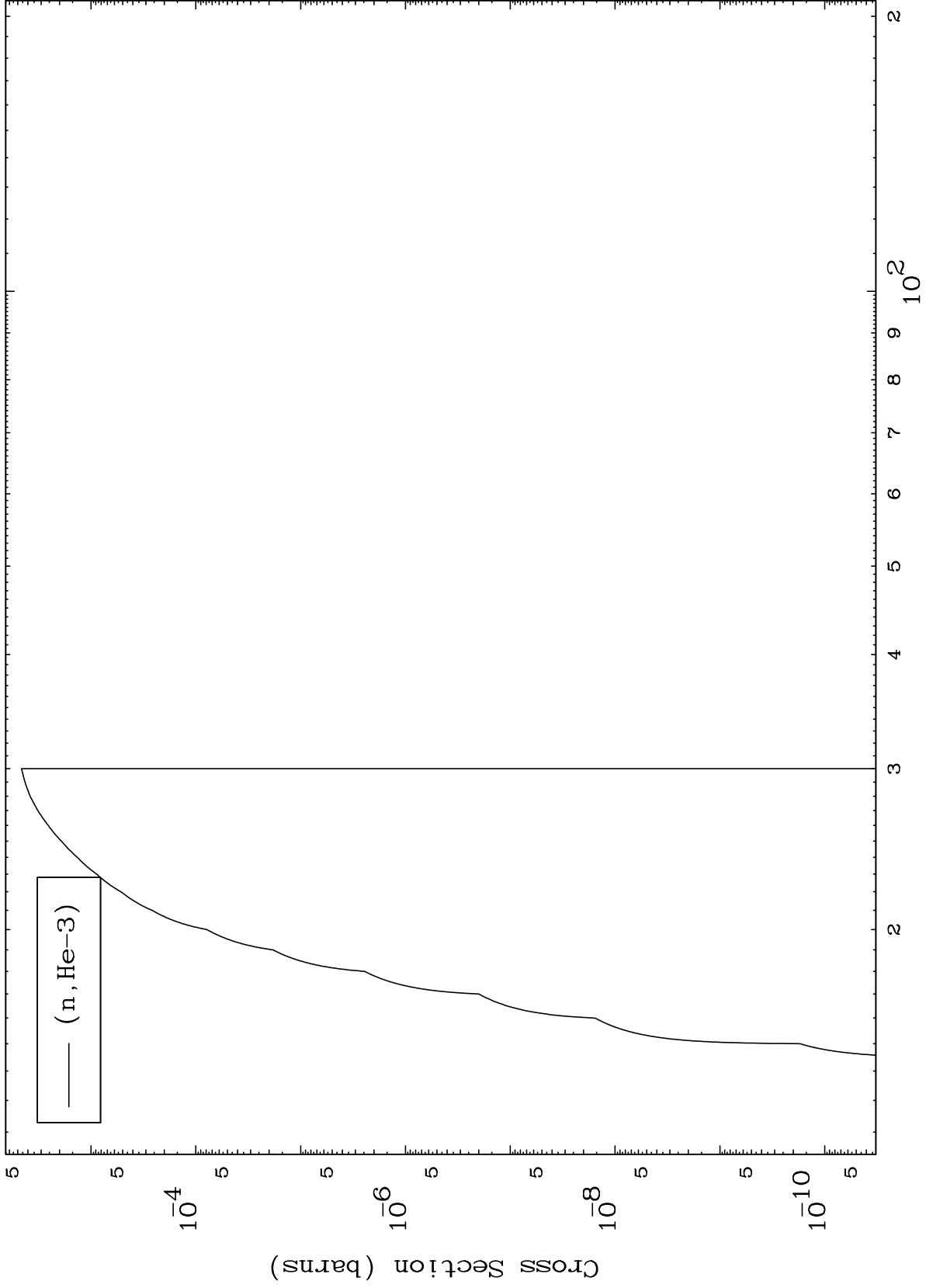
23-V -50



11

Incident Energy (MeV)

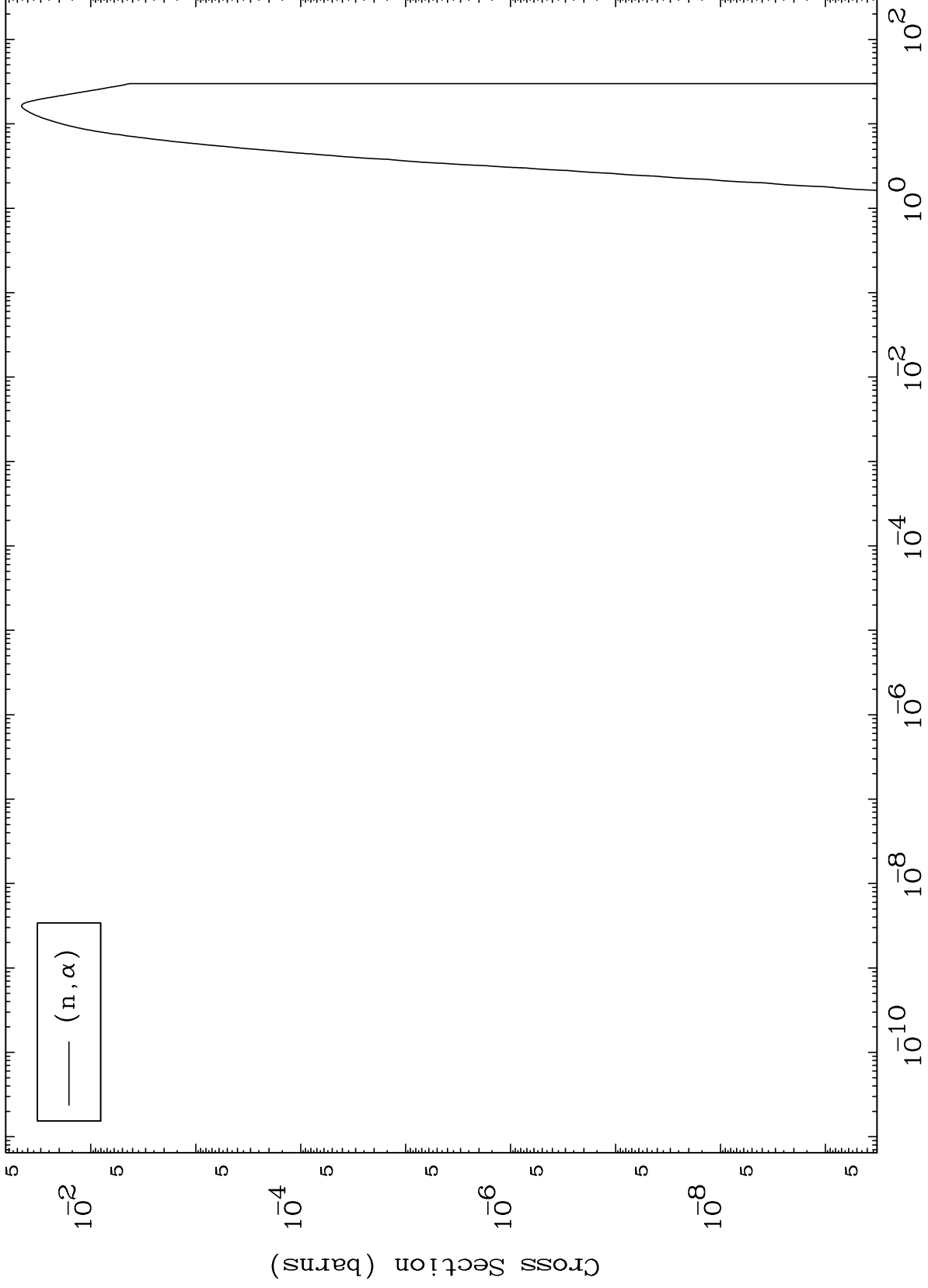
23-V -50



MAT 2325

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

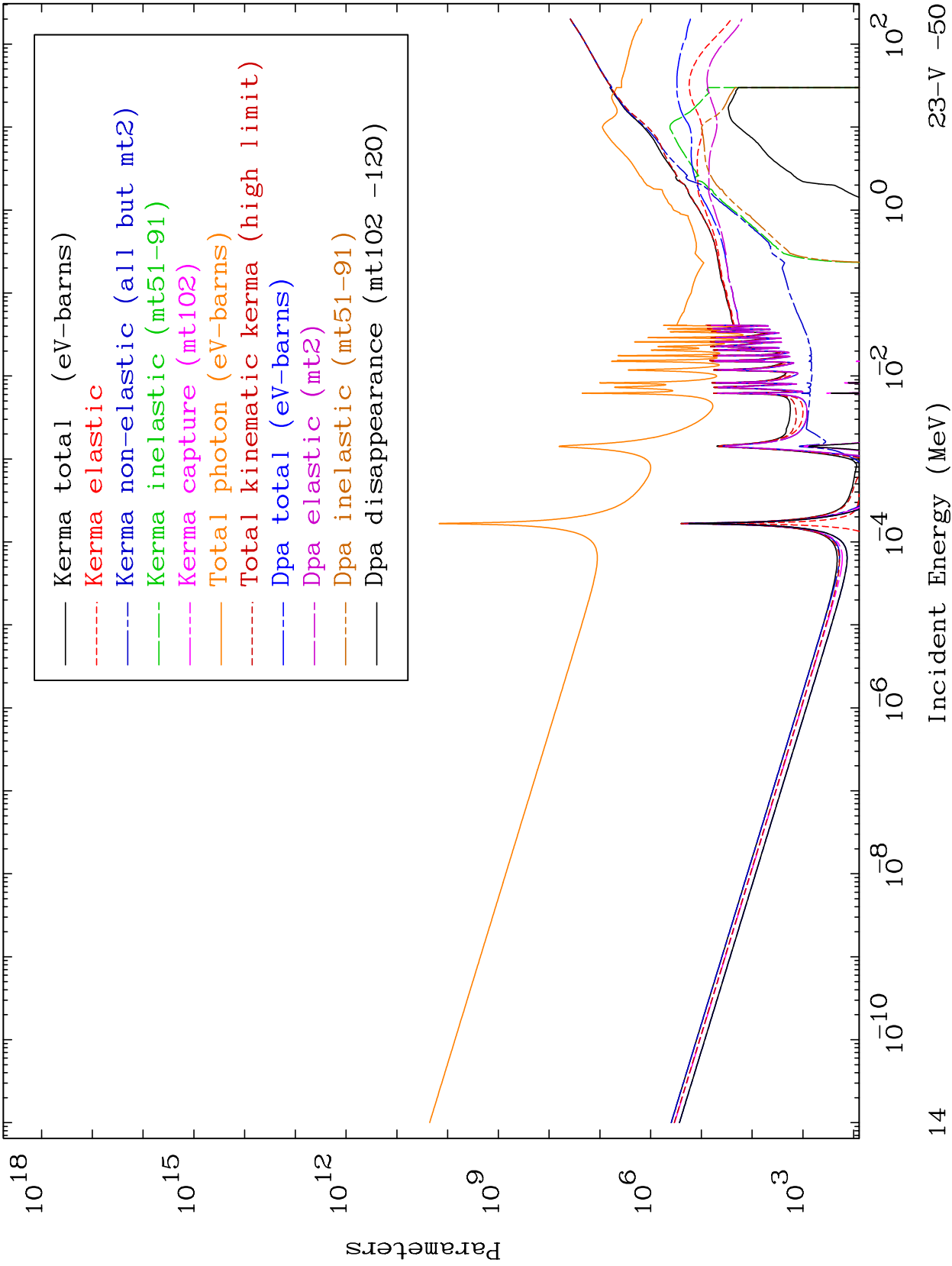
23-V -50



13

Incident Energy (MeV)

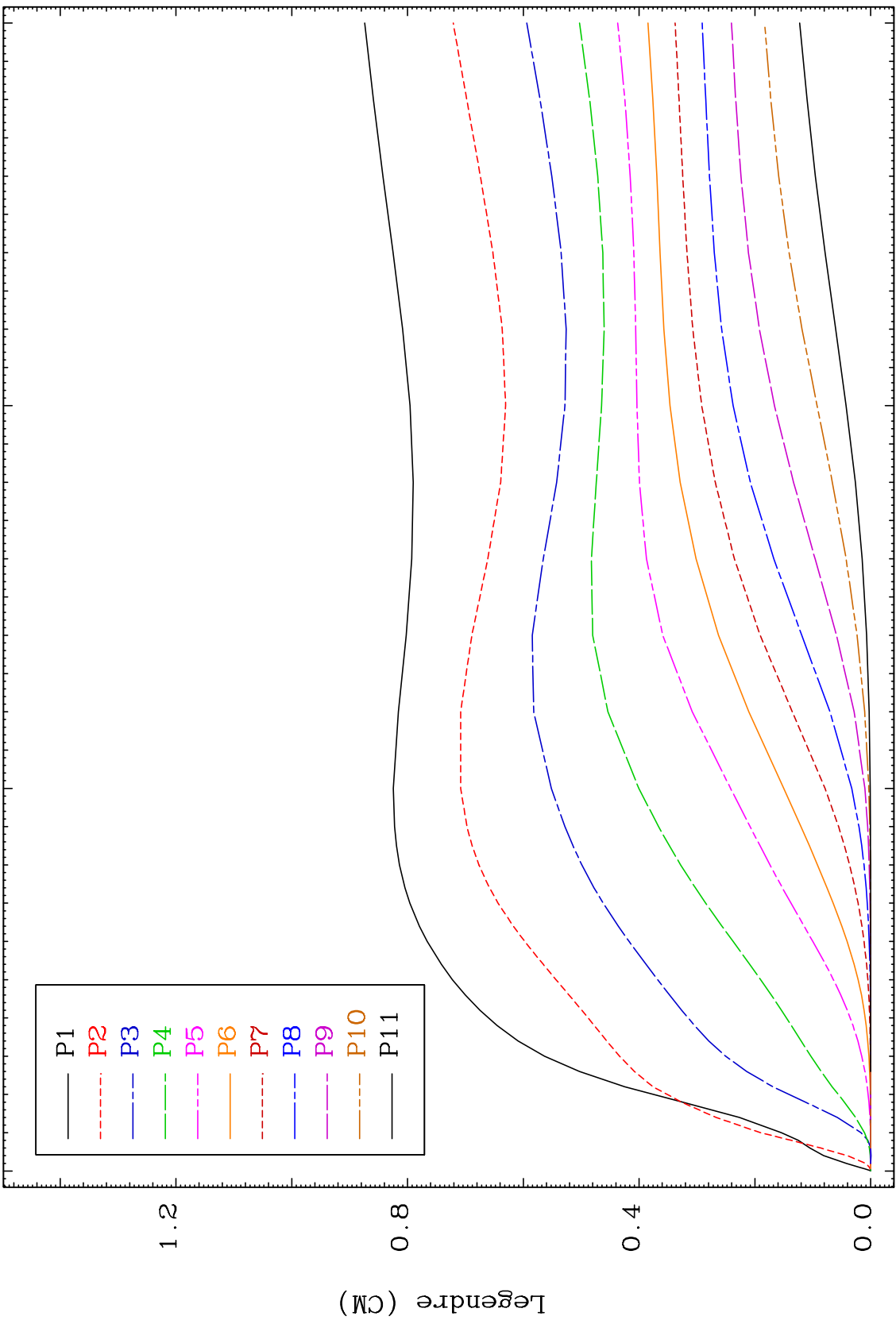
23-V -50



MAT 2325

Elastic Legendre Coefficients

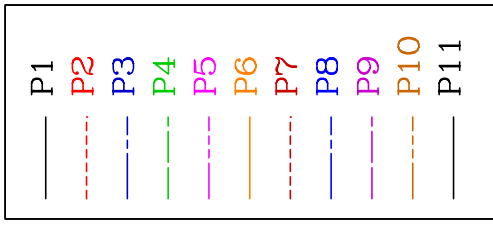
23-V -50



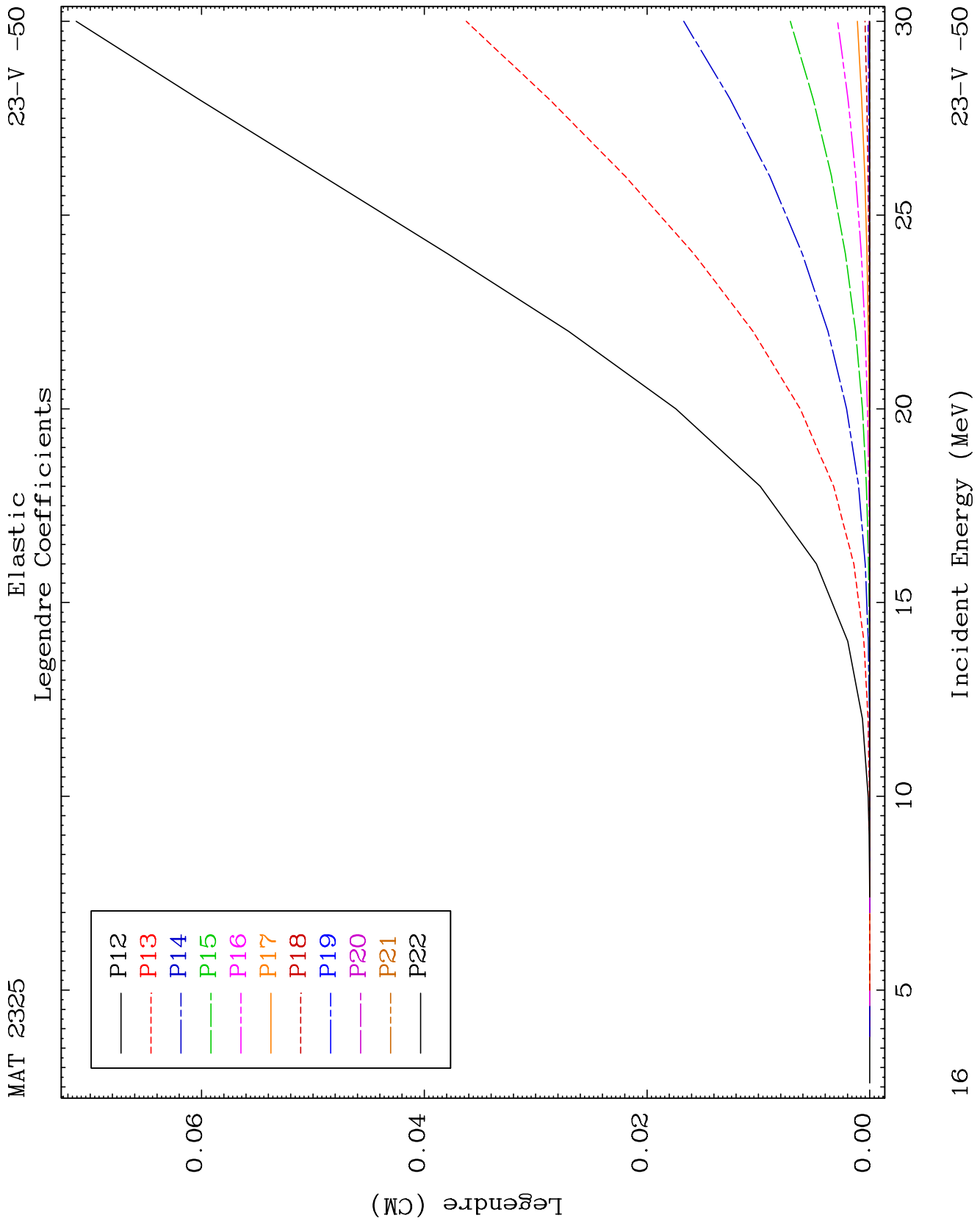
Incident Energy (MeV)

23-V -50

15



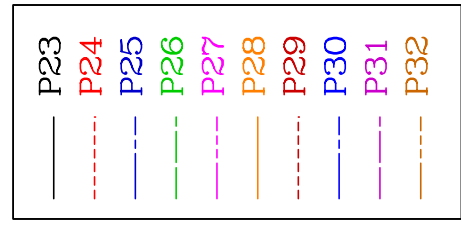




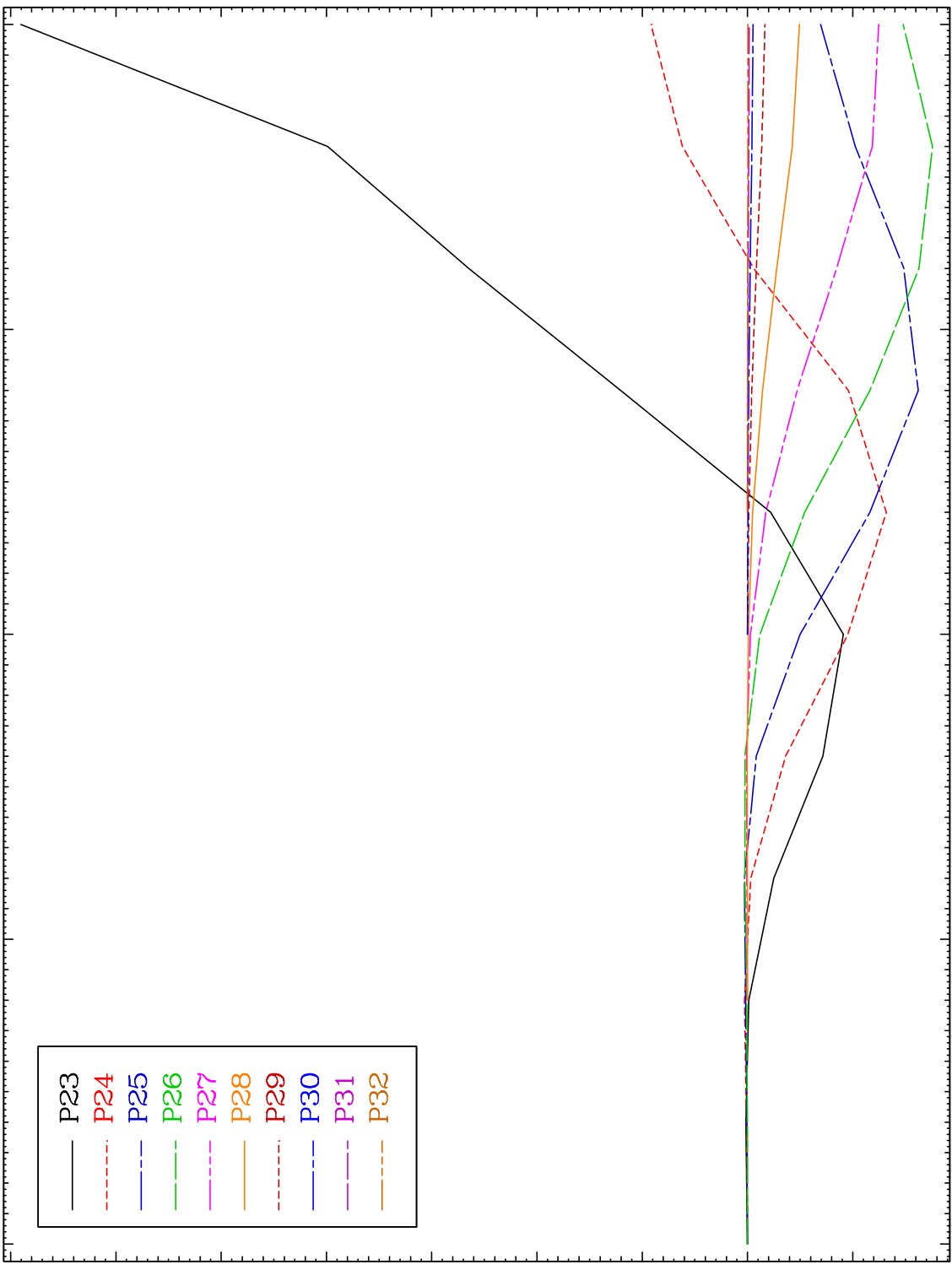
MAT 2325

Elastic Legendre Coefficients

23-V -50



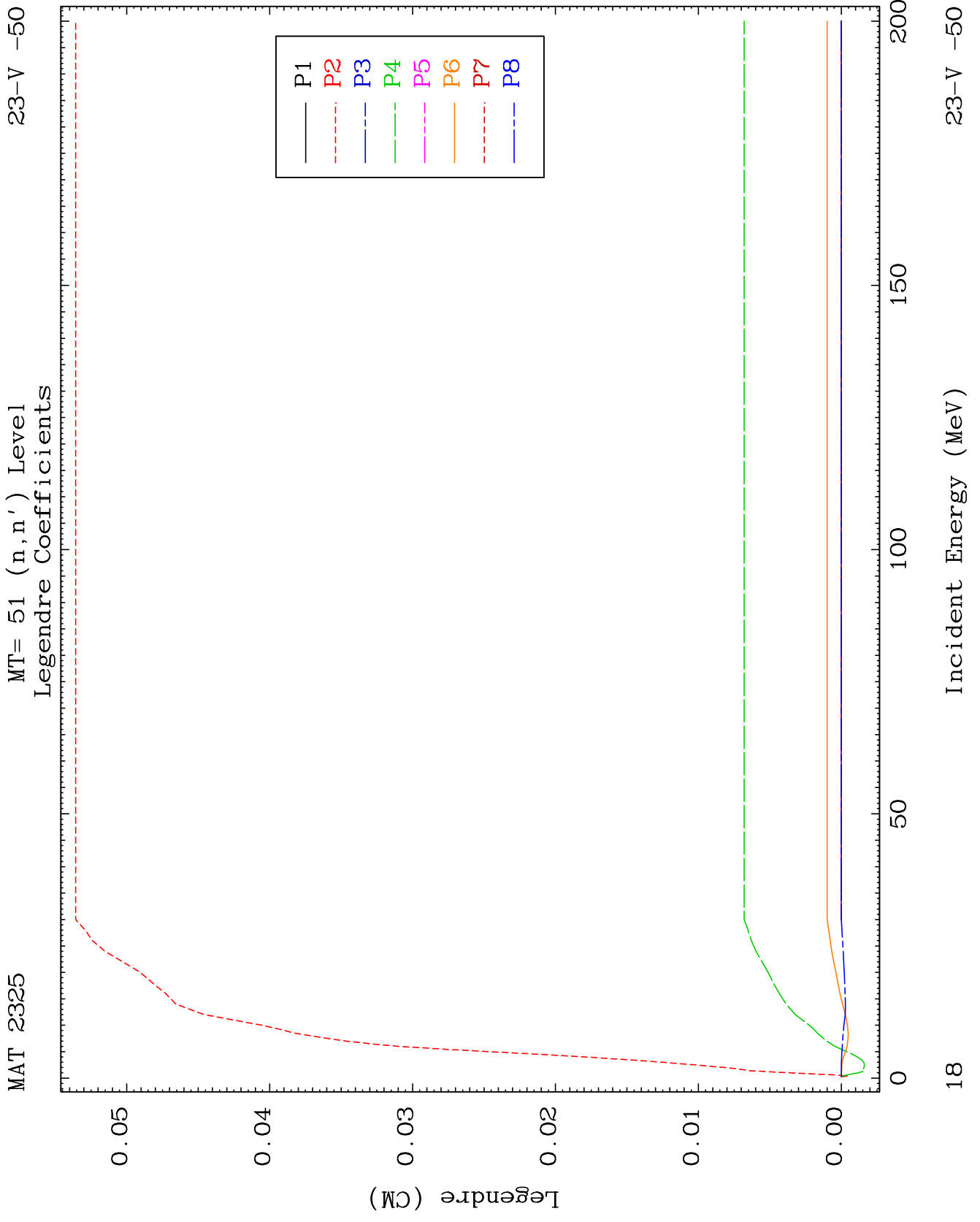
$\times 10^{-6}$   
Legendre (CM)

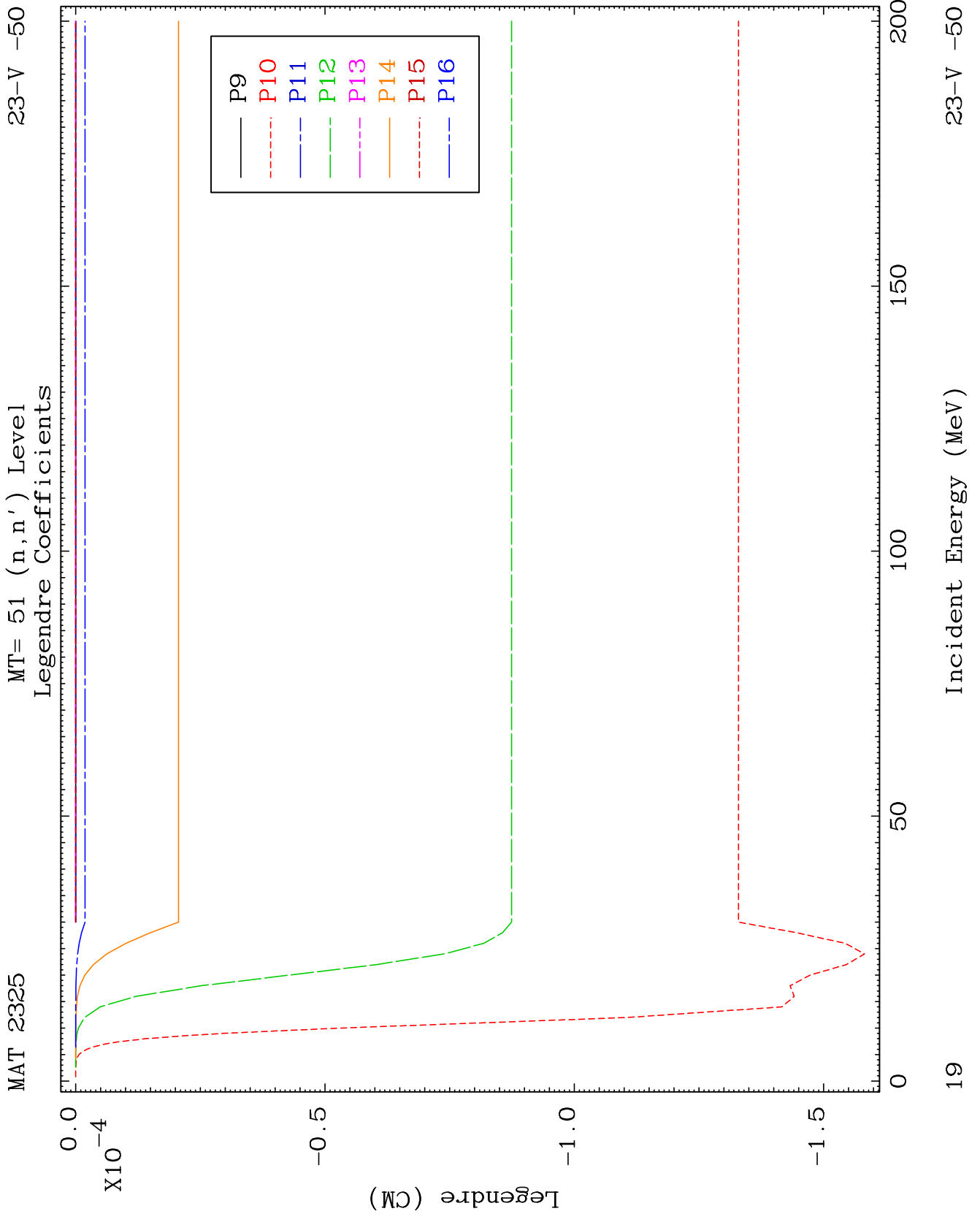


17

Incident Energy (MeV)

23-V -50



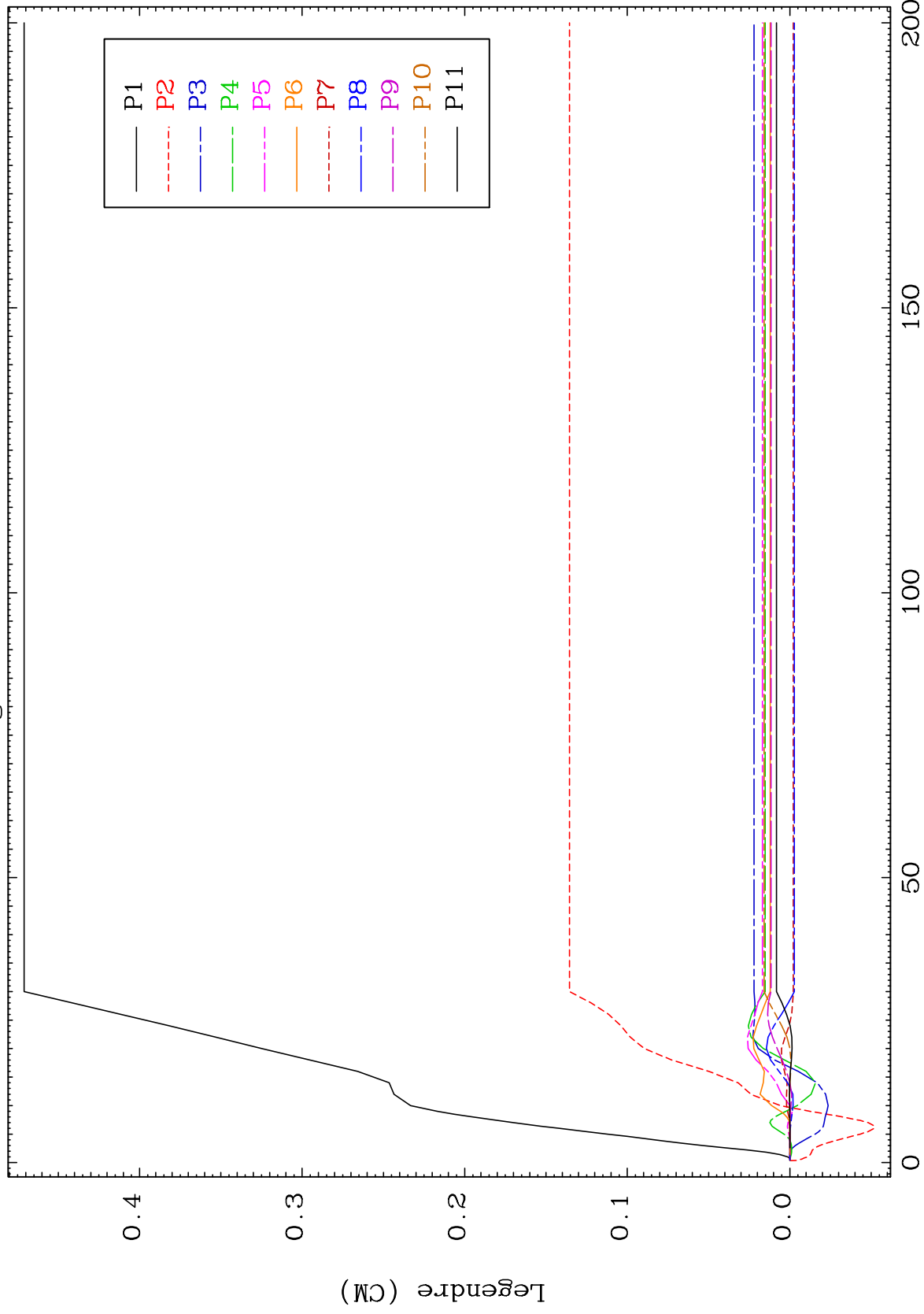




MAT 2325

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

23-V -50



21

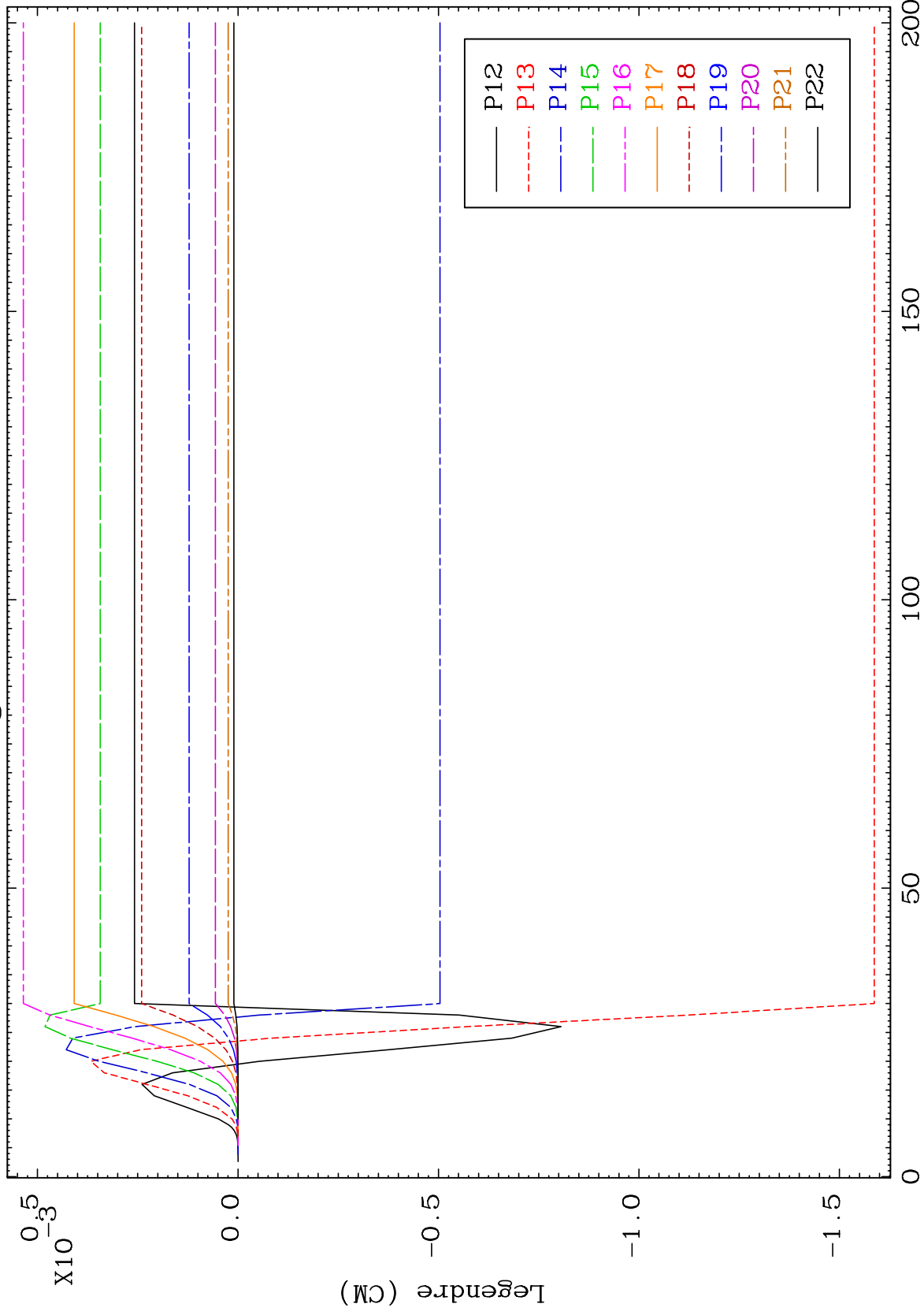
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



22

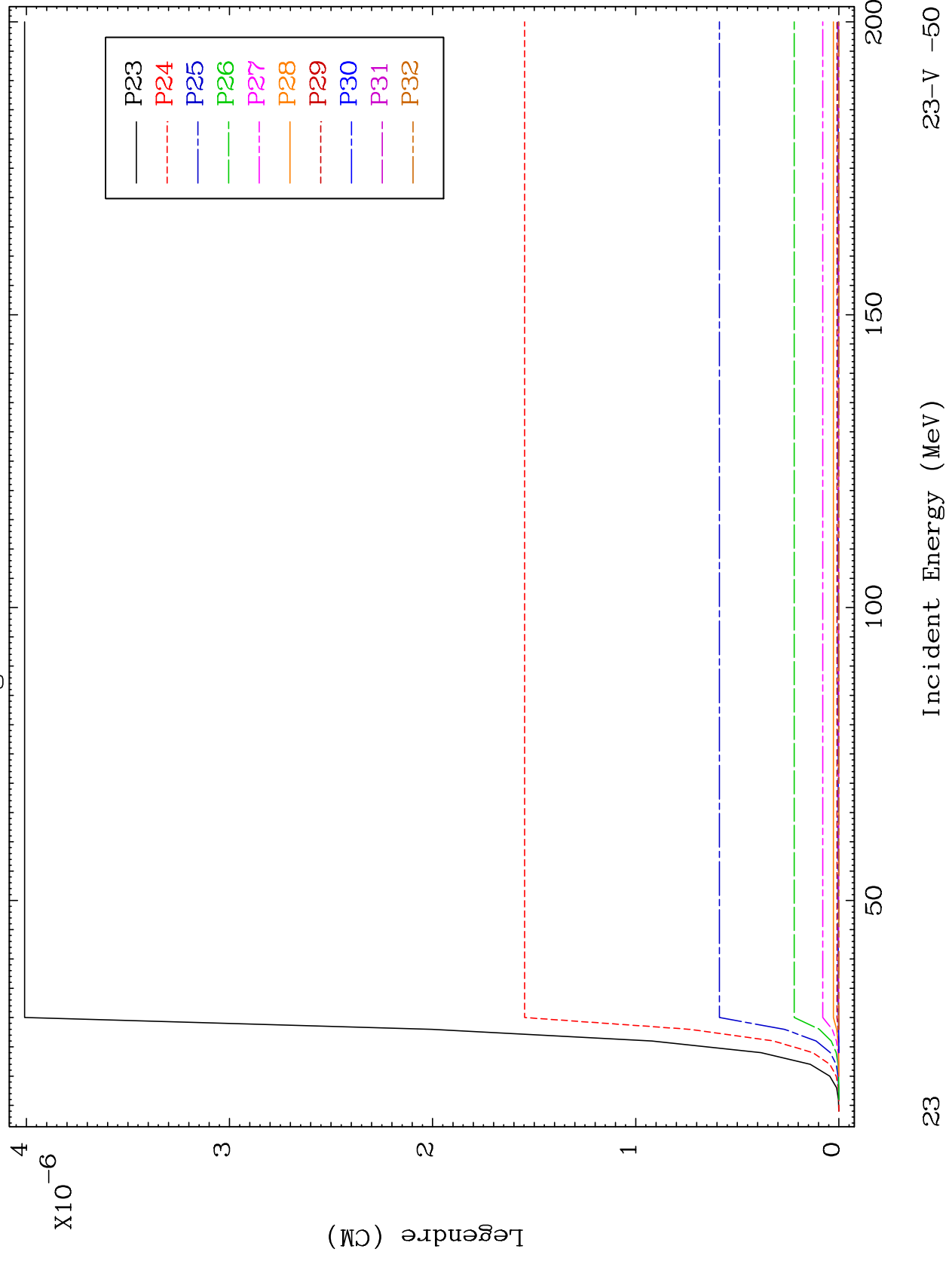
Incident Energy (MeV)

23-V -50

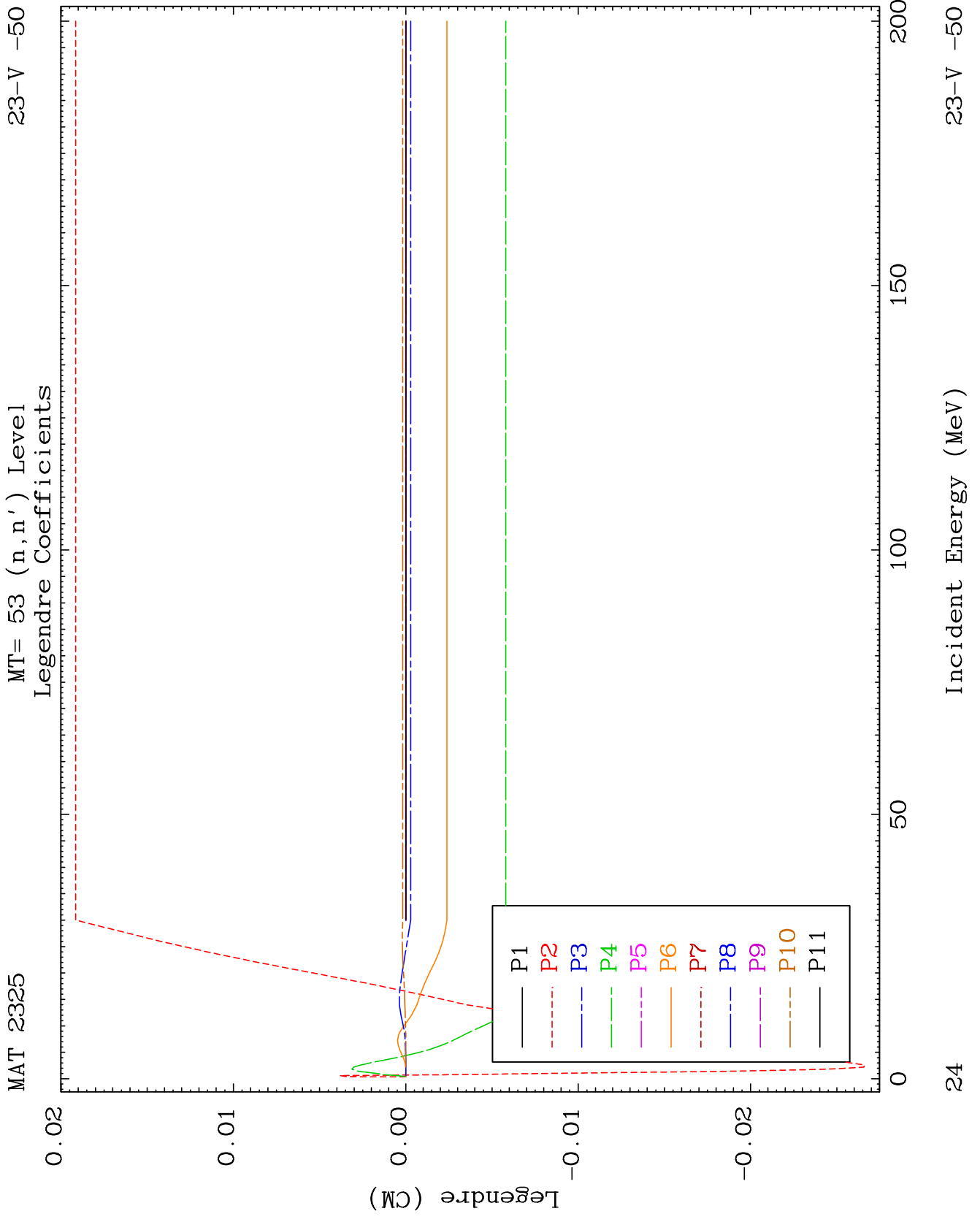
MAT 2325

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

23-V -50



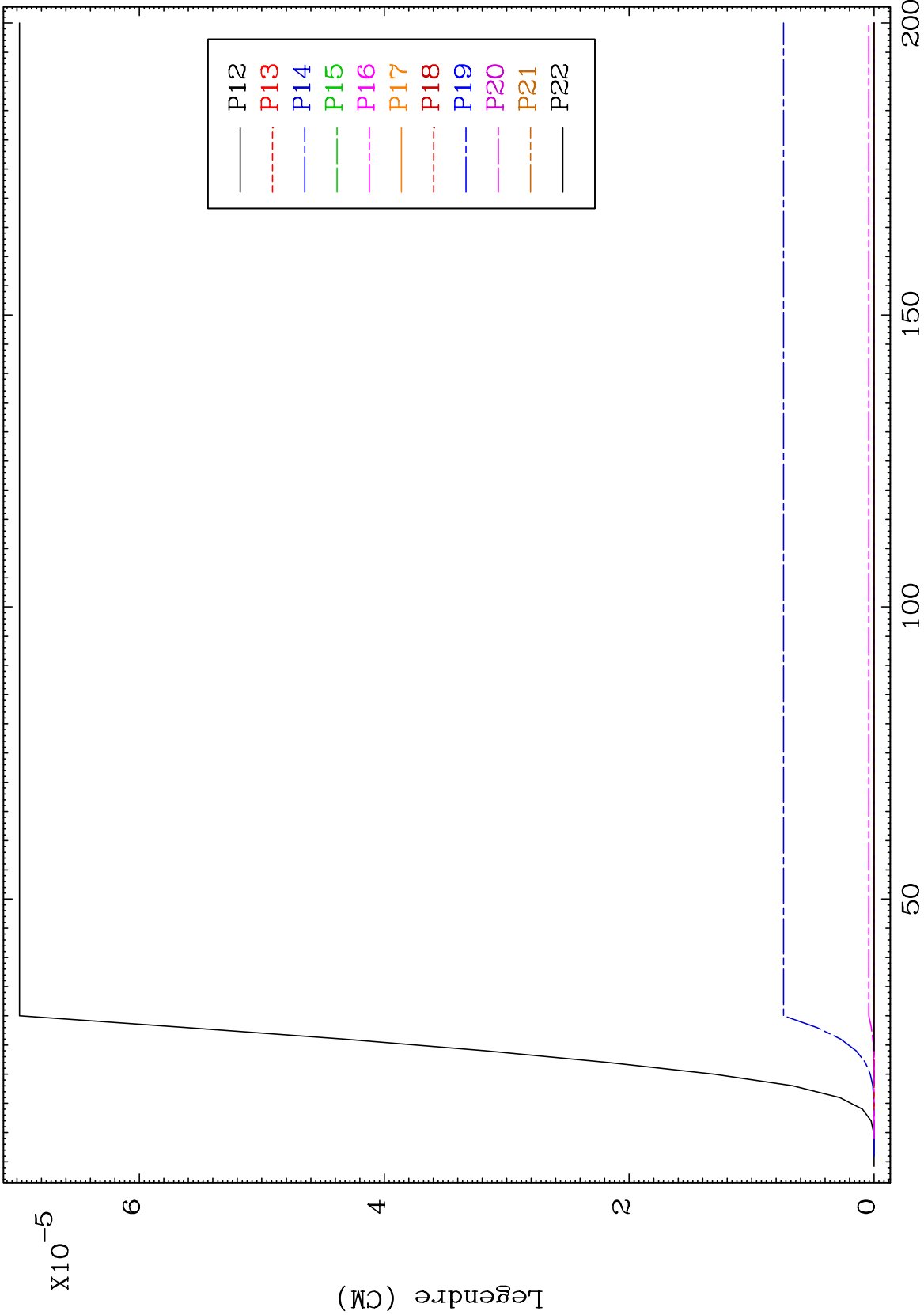




MAT 2325

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

23-V -50



25

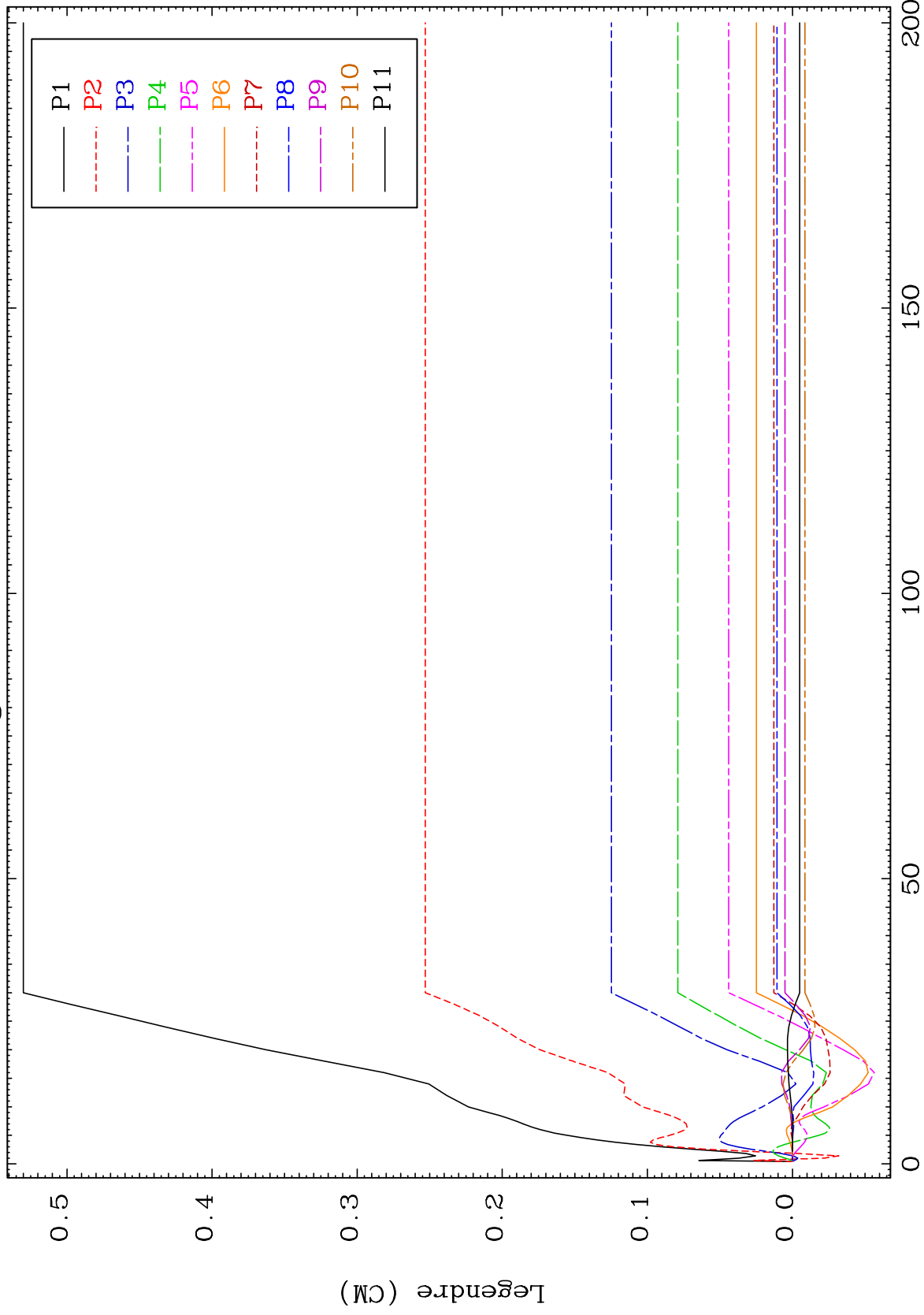
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



26

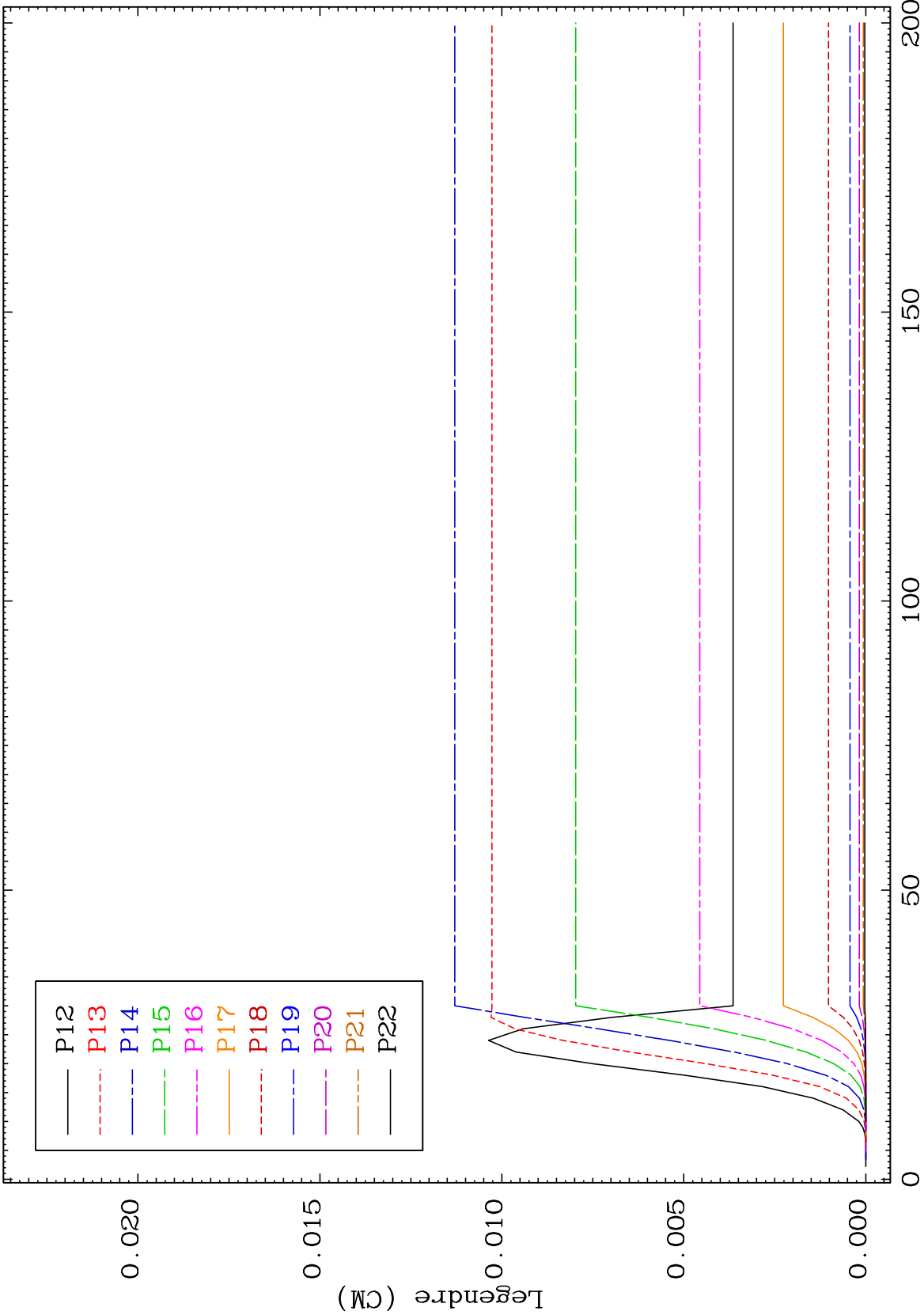
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



27

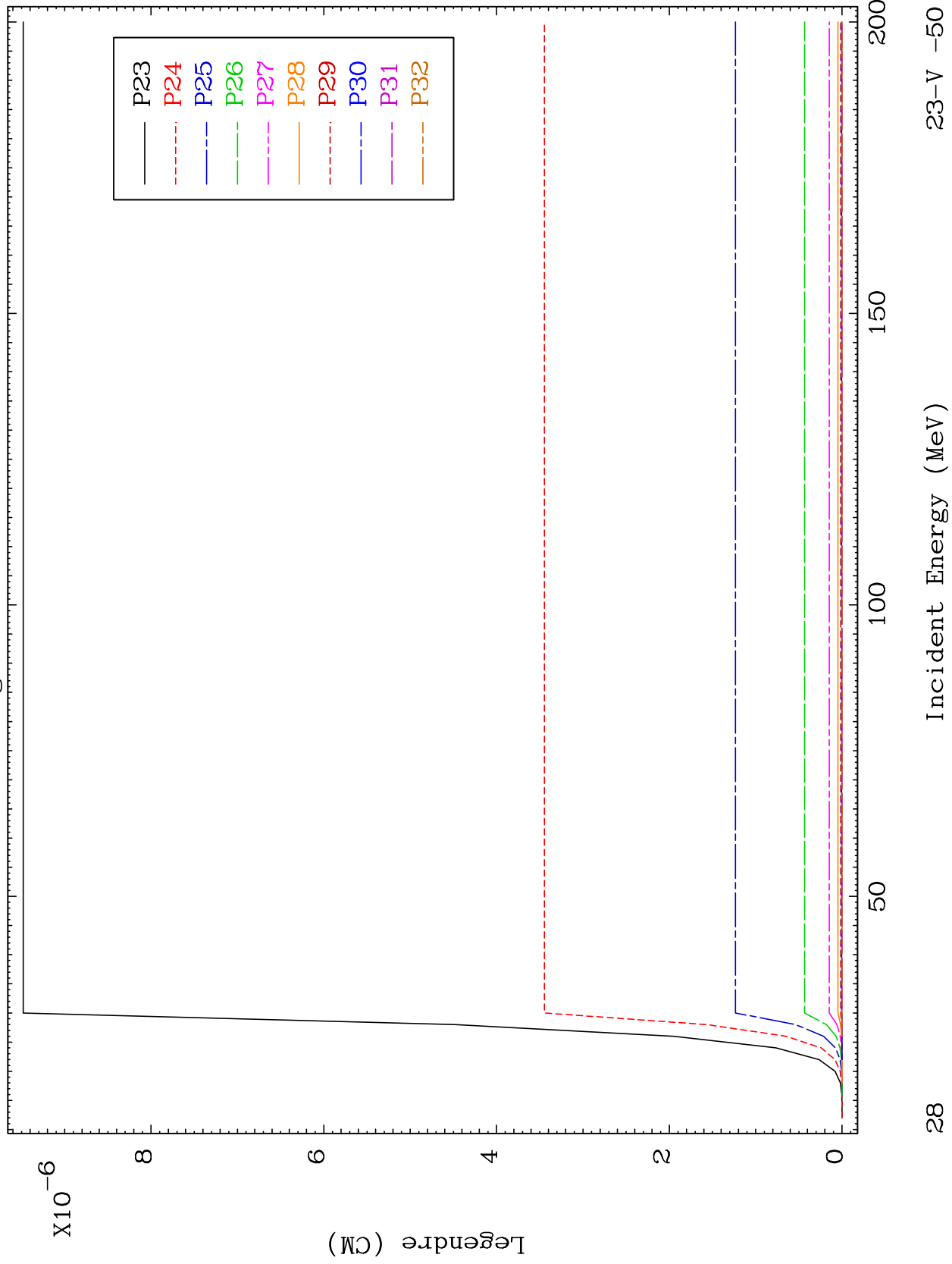
Incident Energy (MeV)

23-V -50

MAT 2325

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

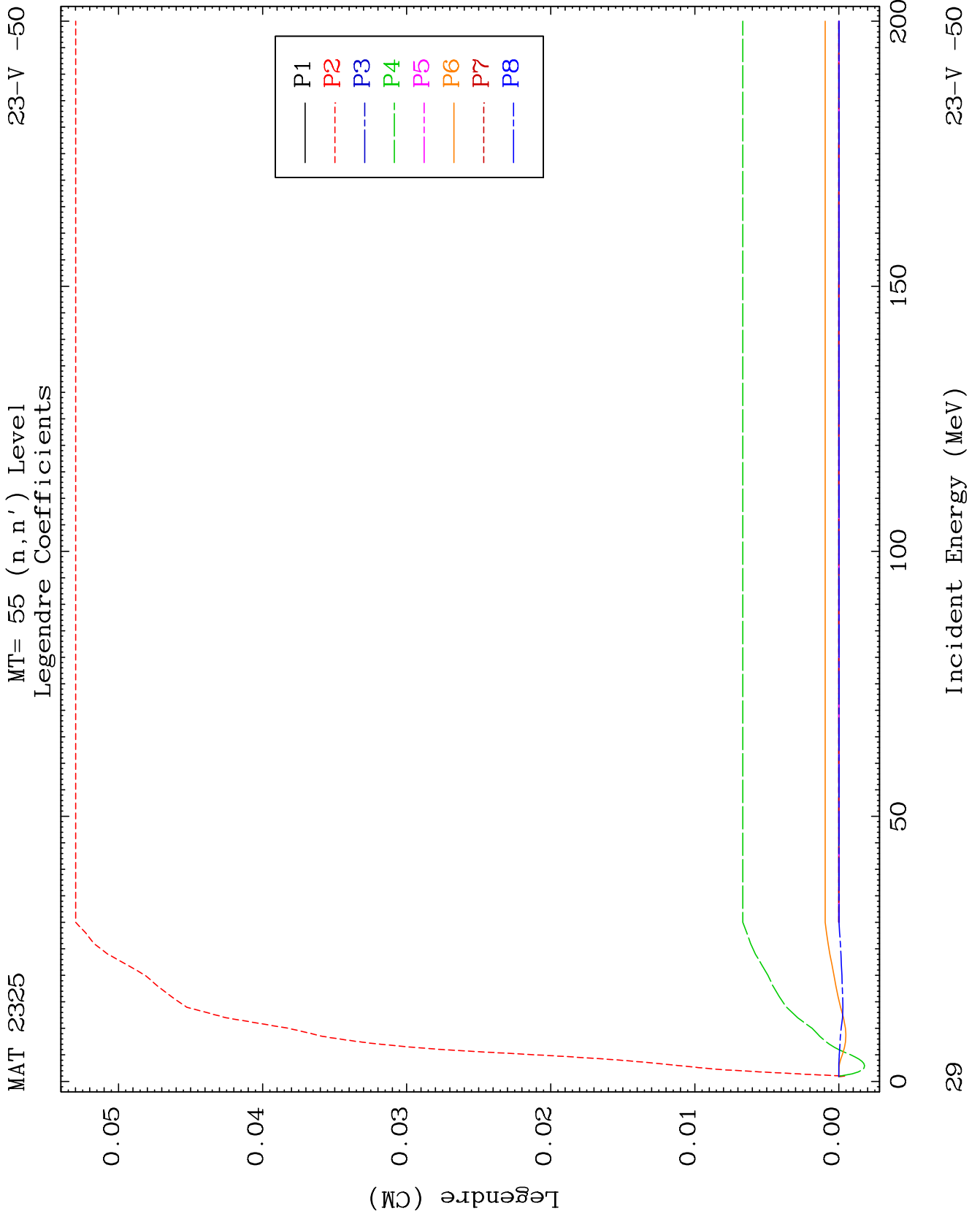
23-V -50

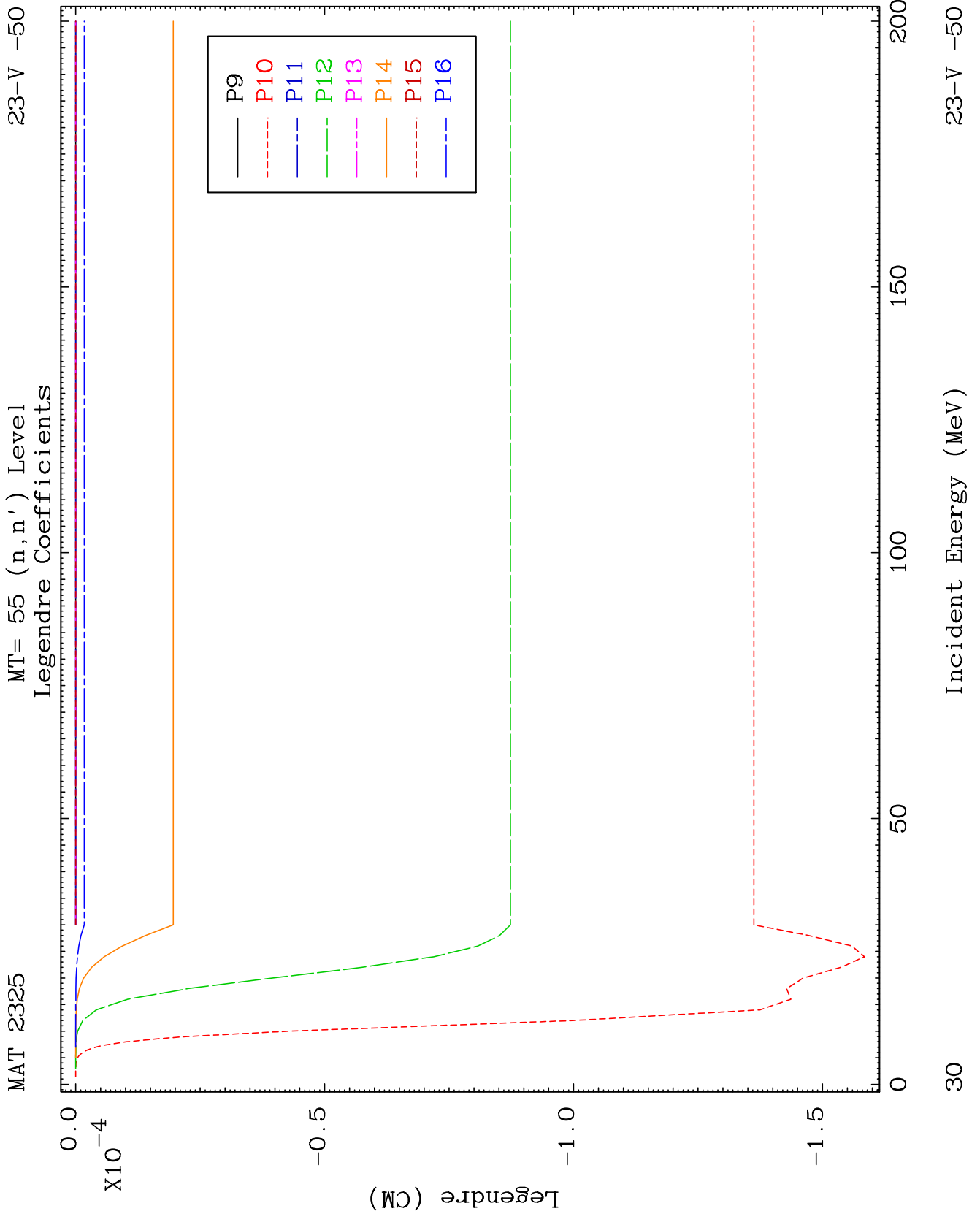


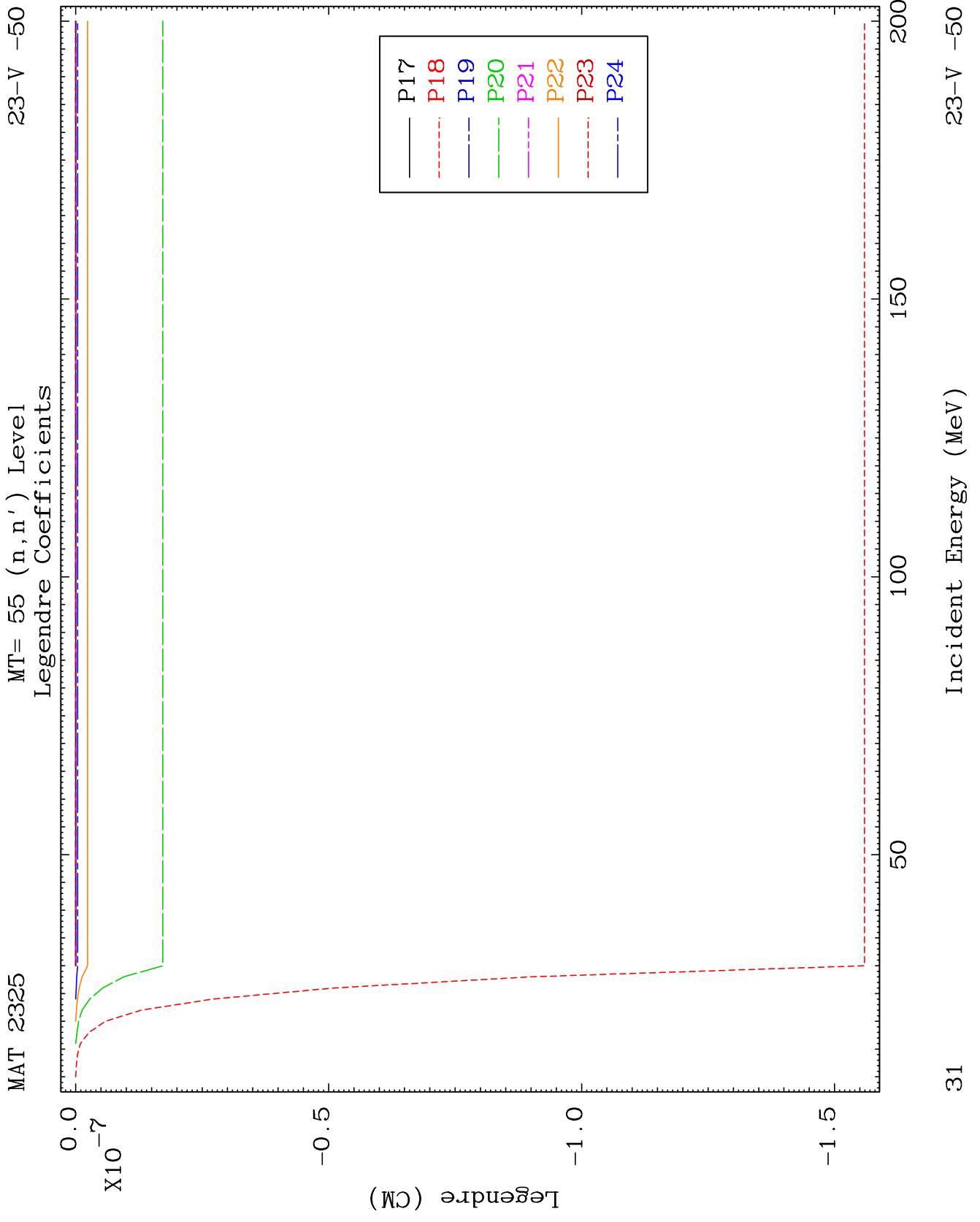
28

Incident Energy (MeV)

23-V -50



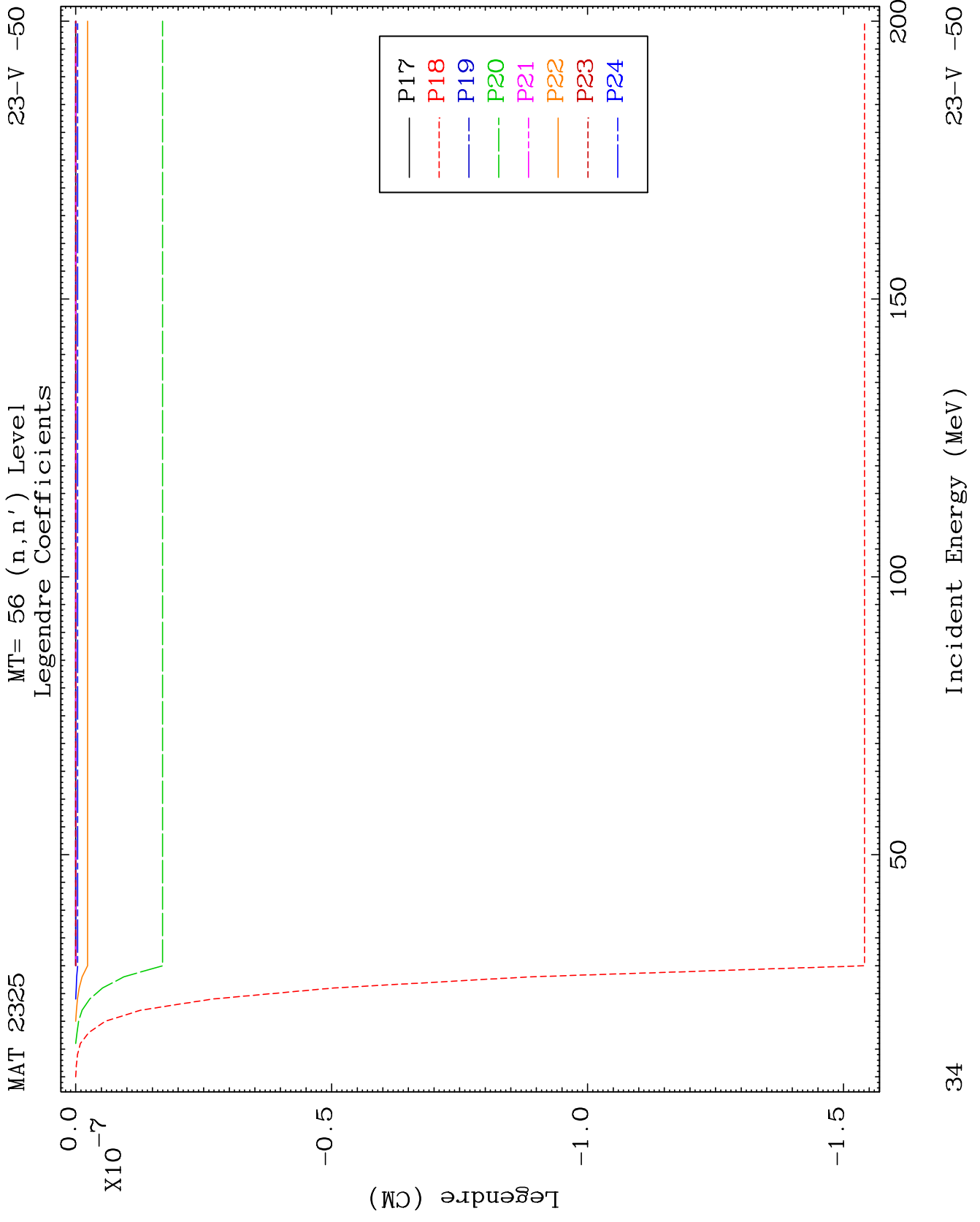








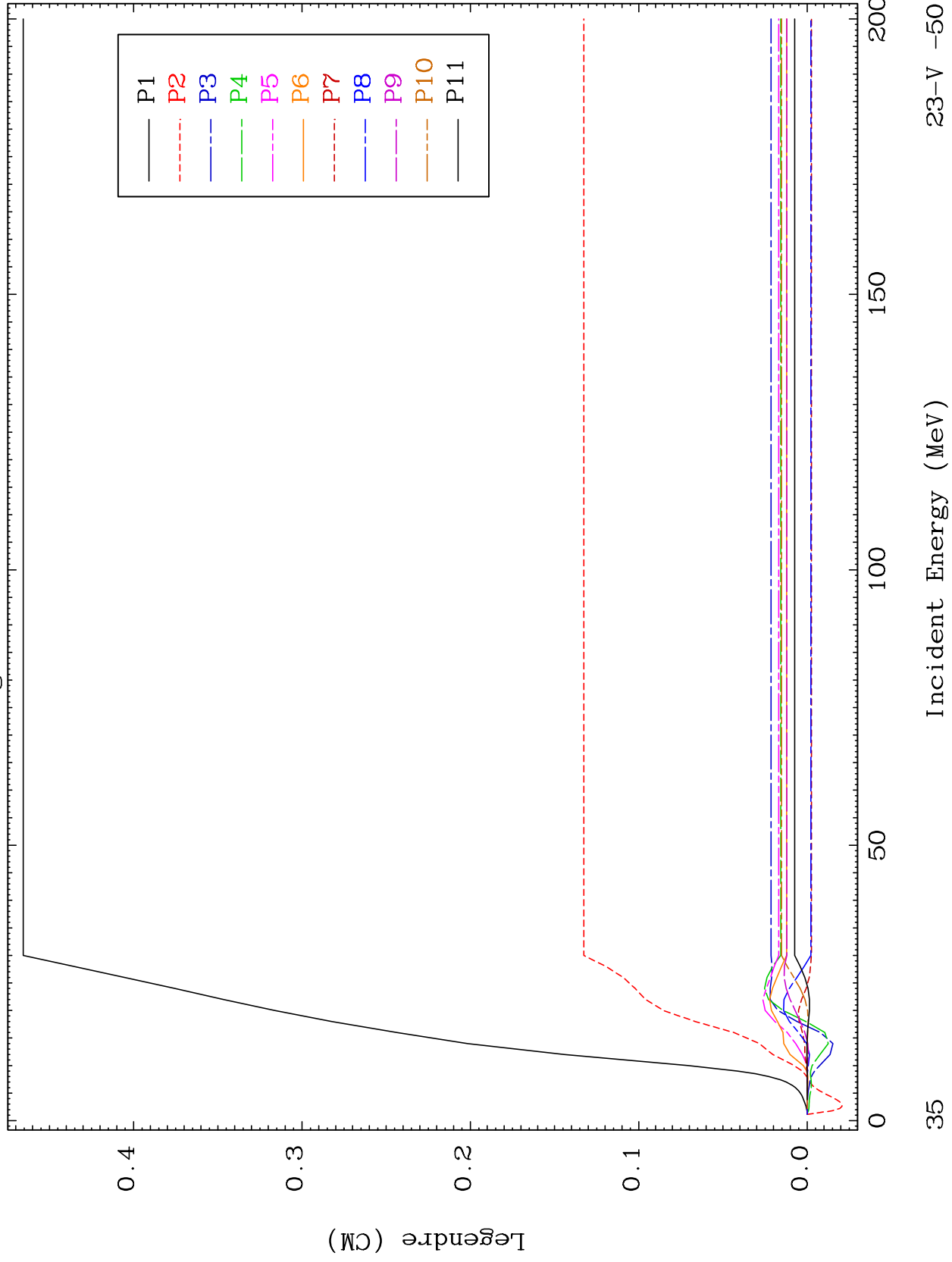




MAT 2325

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

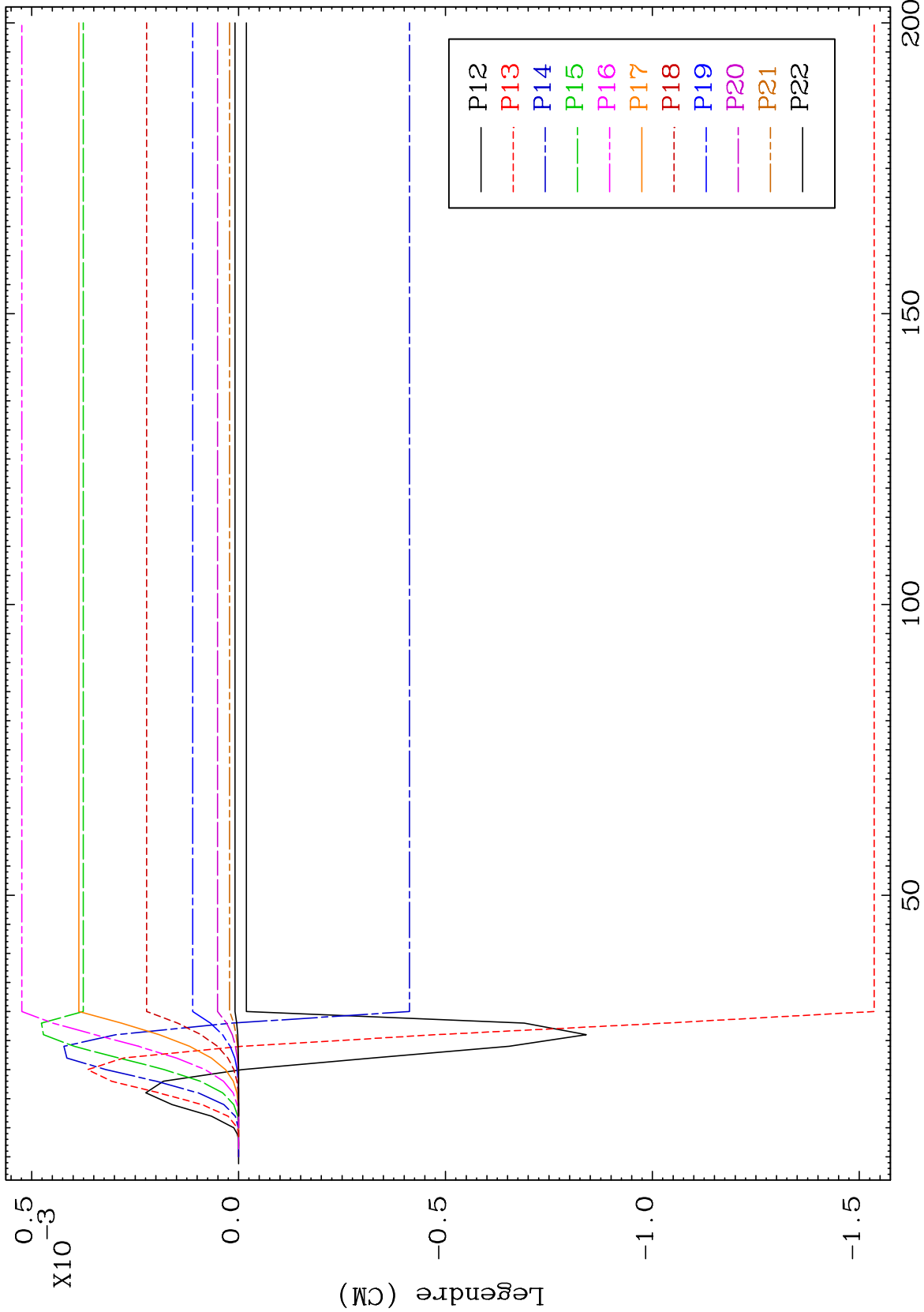
23-V -50



MAT 2325

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

23-V -50



36

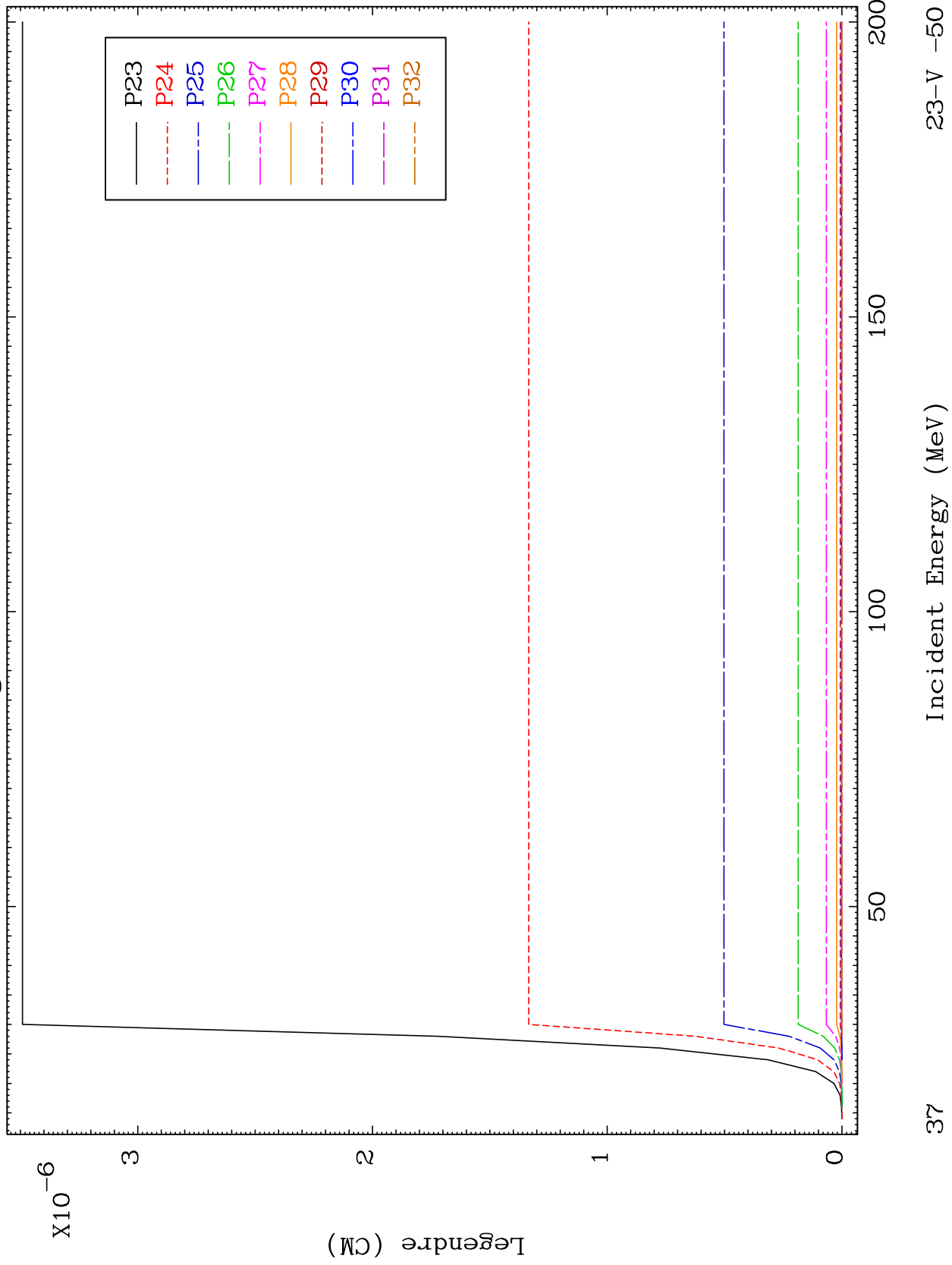
Incident Energy (MeV)

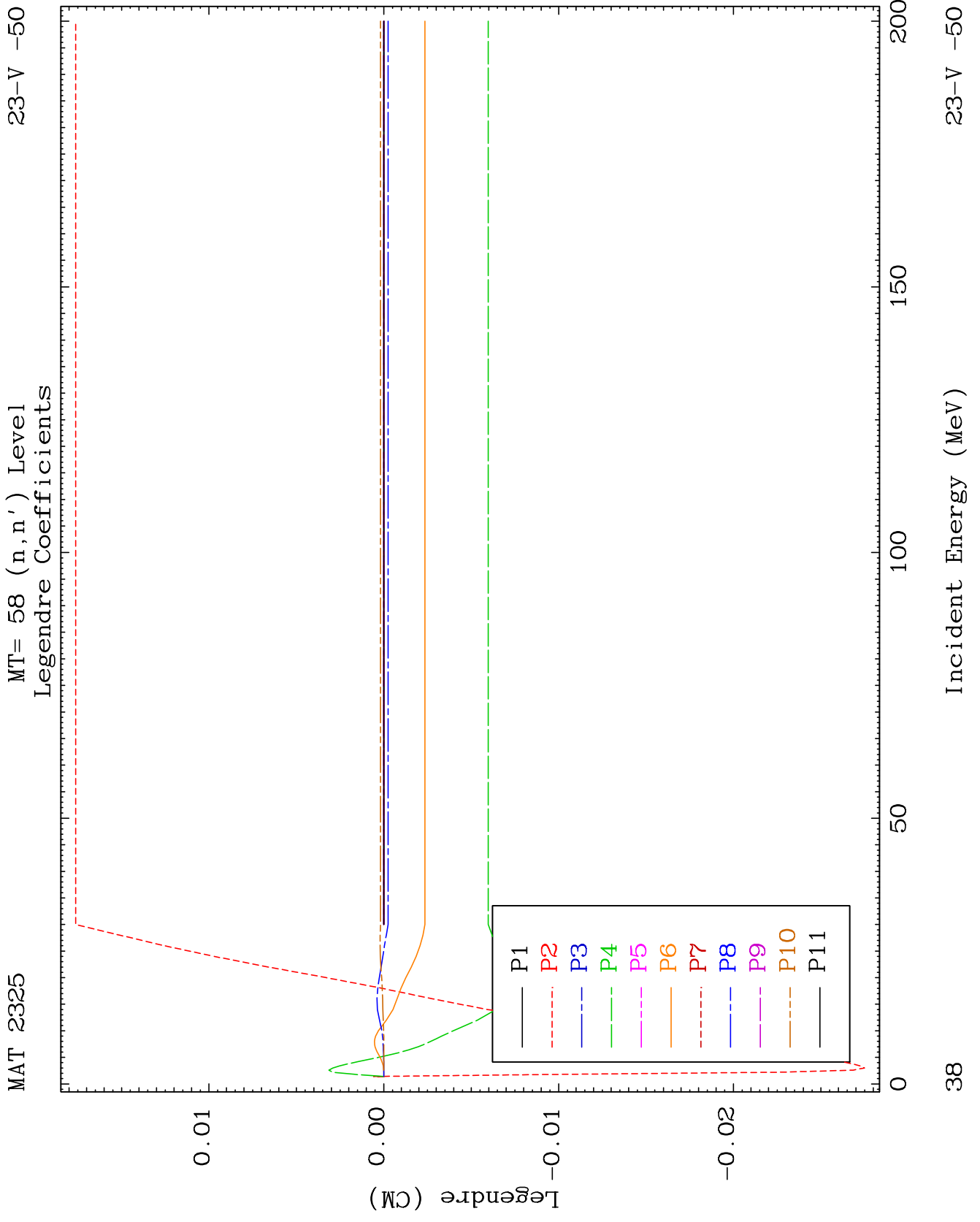
23-V -50

MAT 2325

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

23-V -50

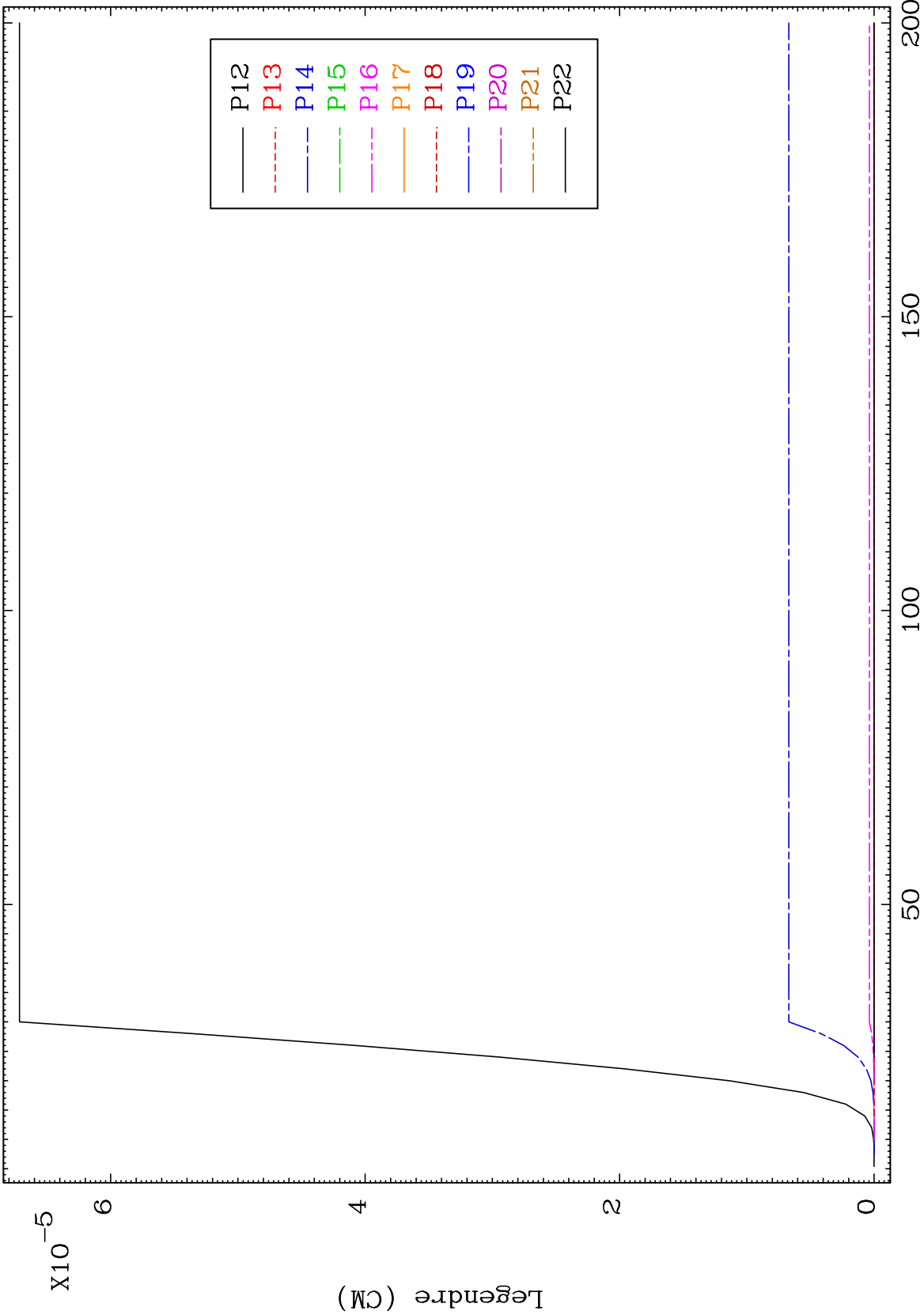




MAT 2325

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

23-V -50

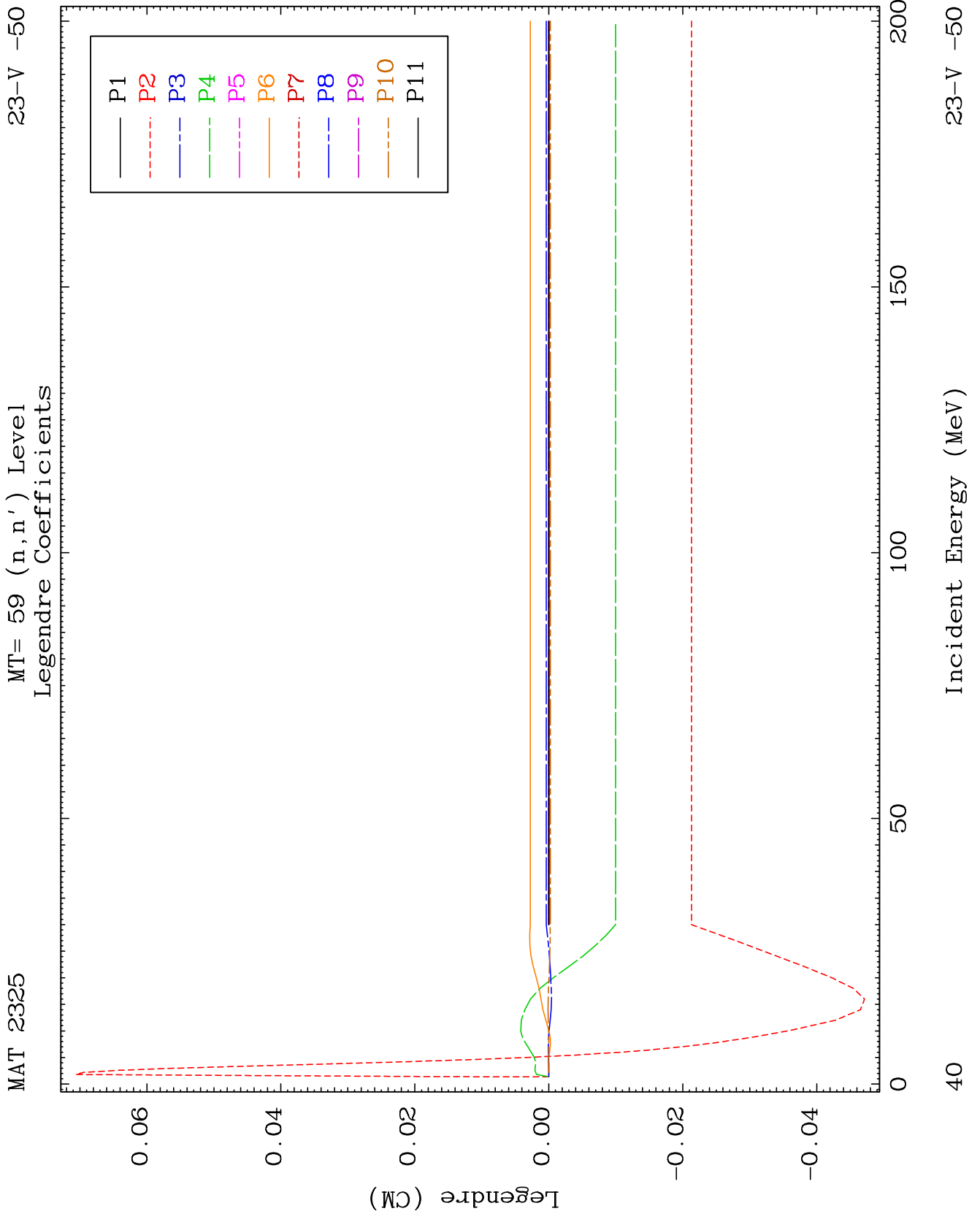


39

Incident Energy (MeV)

23-V -50

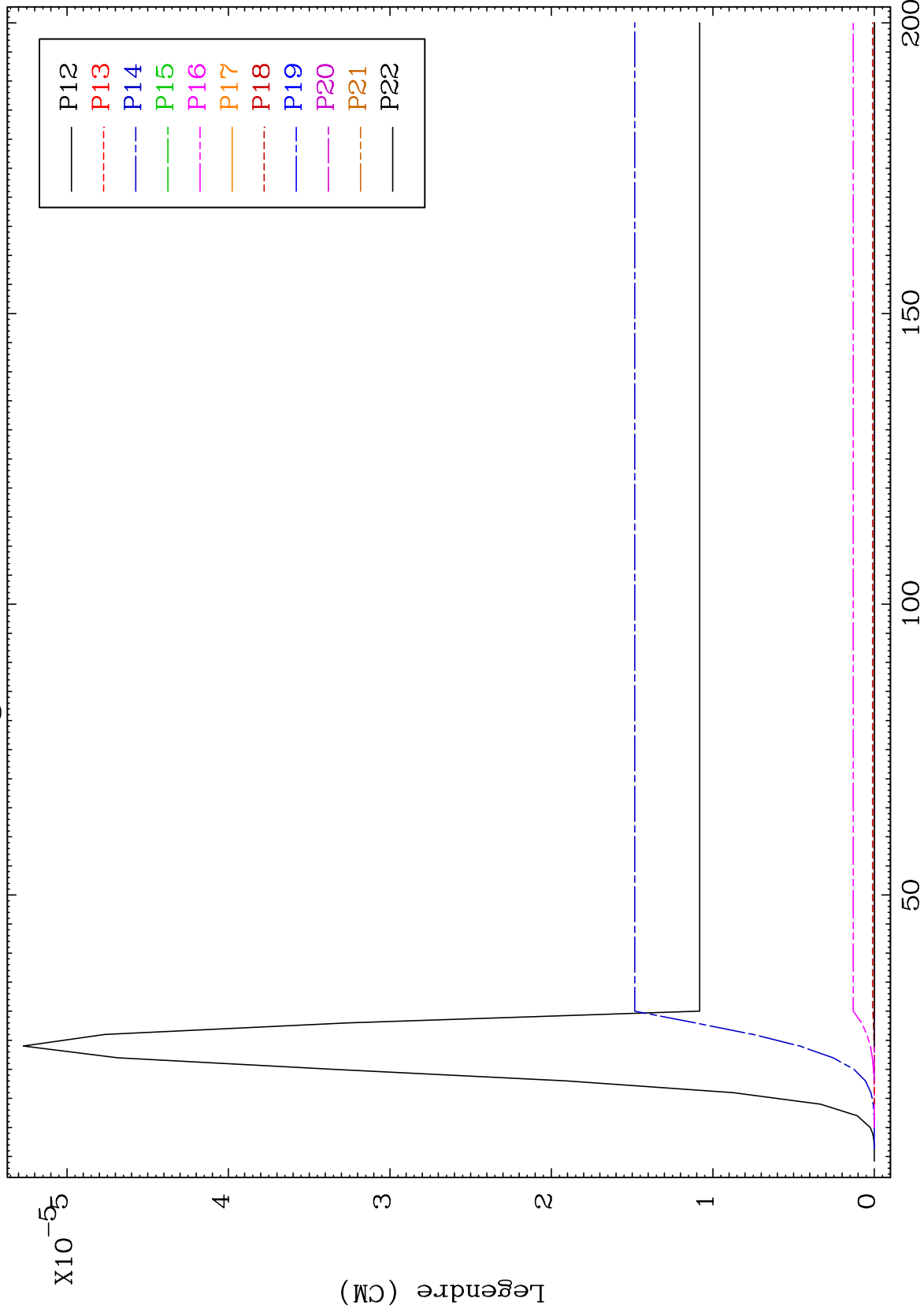




MAT 2325

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

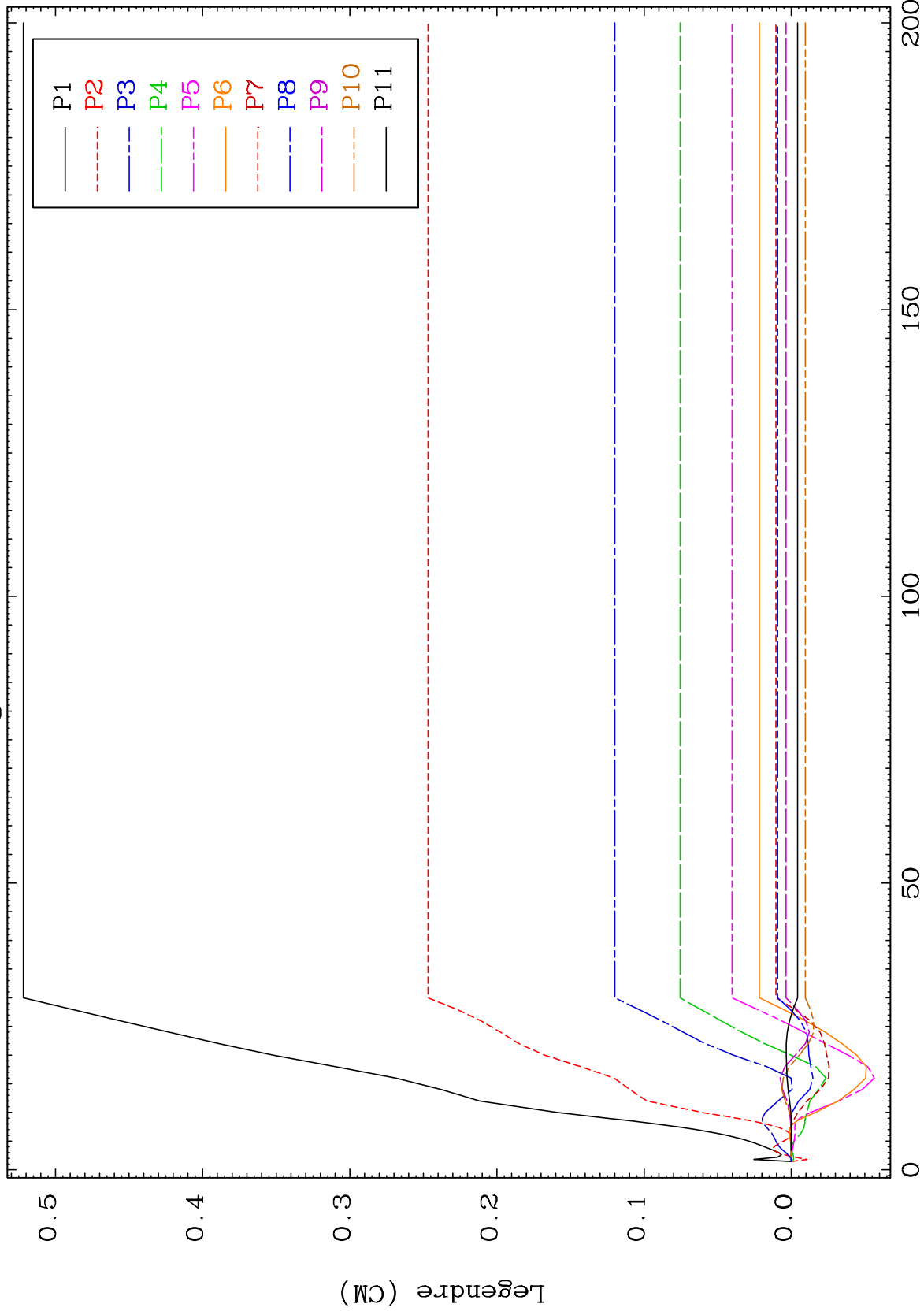
23-V -50



MAT 2325

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

23-V -50



42

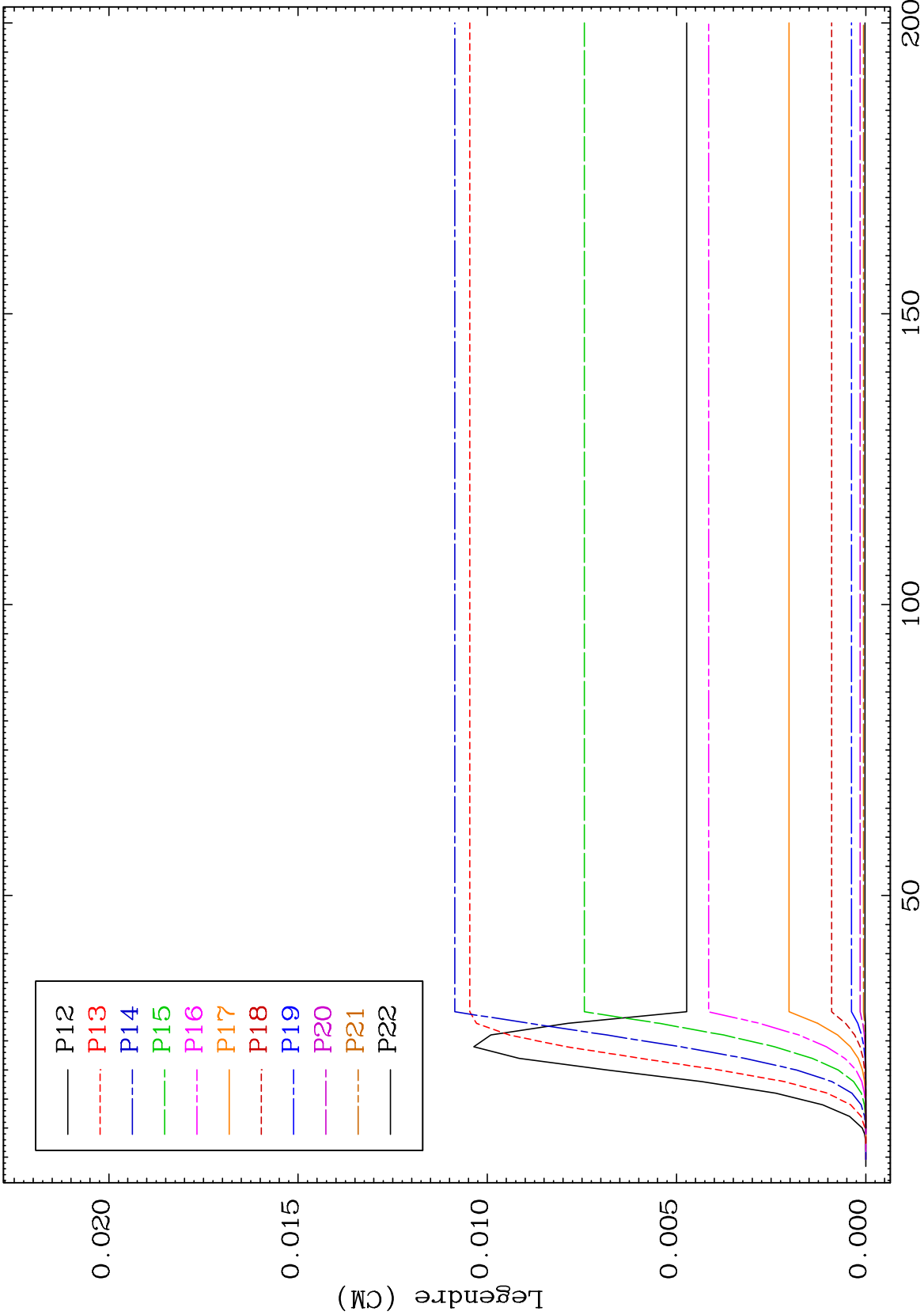
Incident Energy (MeV)

23-V -50

MAT 2325

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

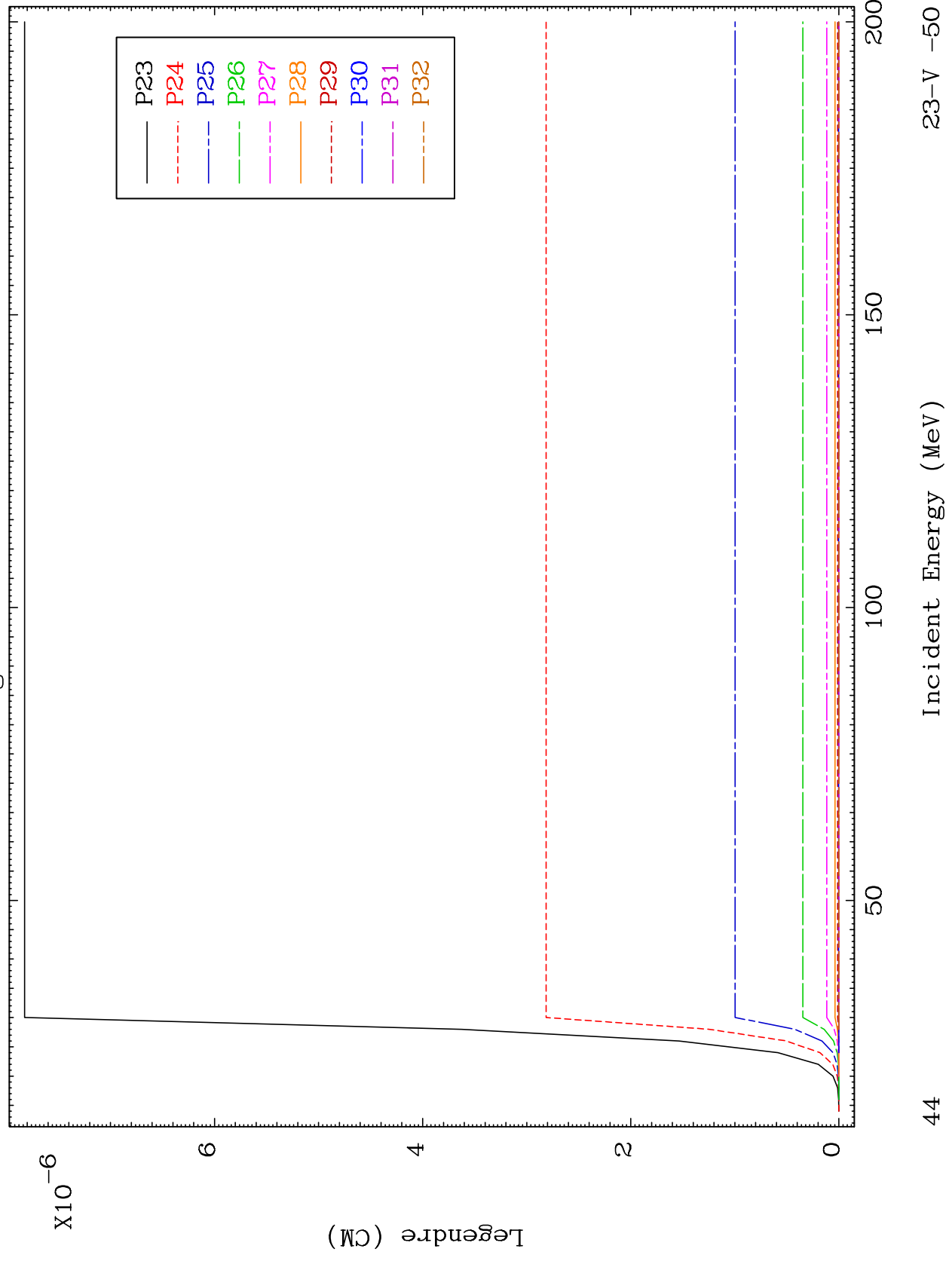
23-V -50



MAT 2325

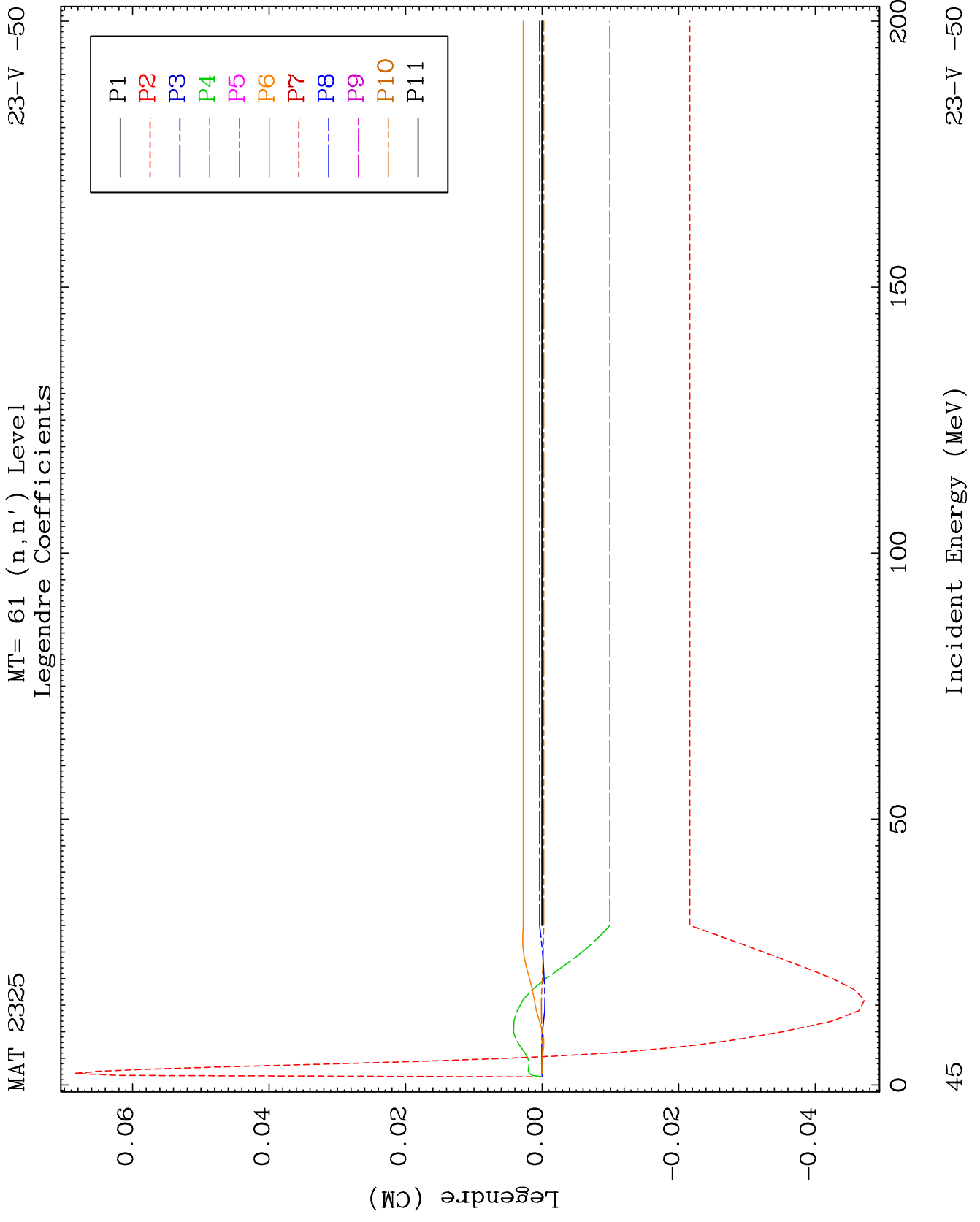
MT= 60 (n,n') Level  
Legendre Coefficients

23-V -50



44

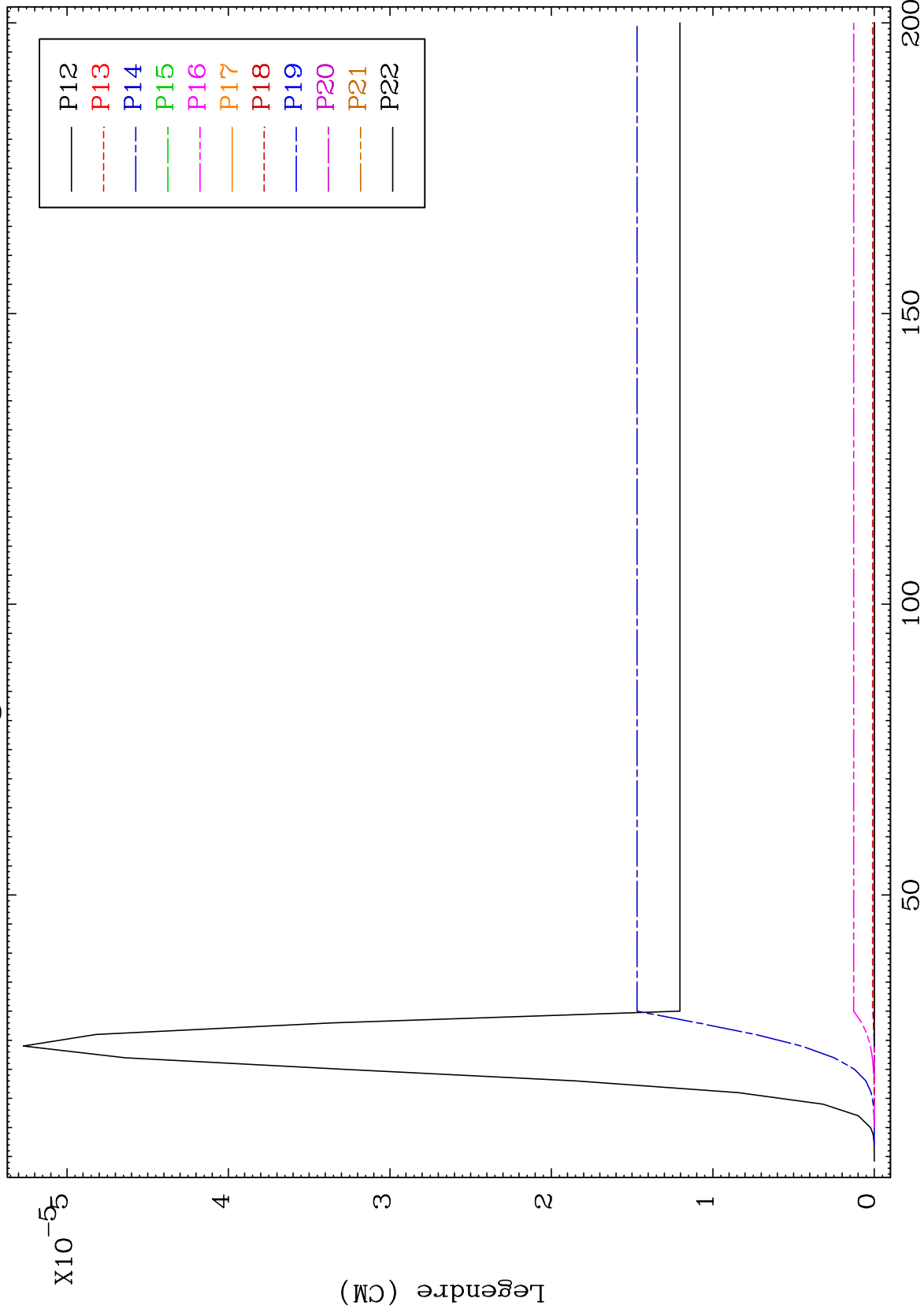
23-V -50



MAT 2325

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

23-V -50



46

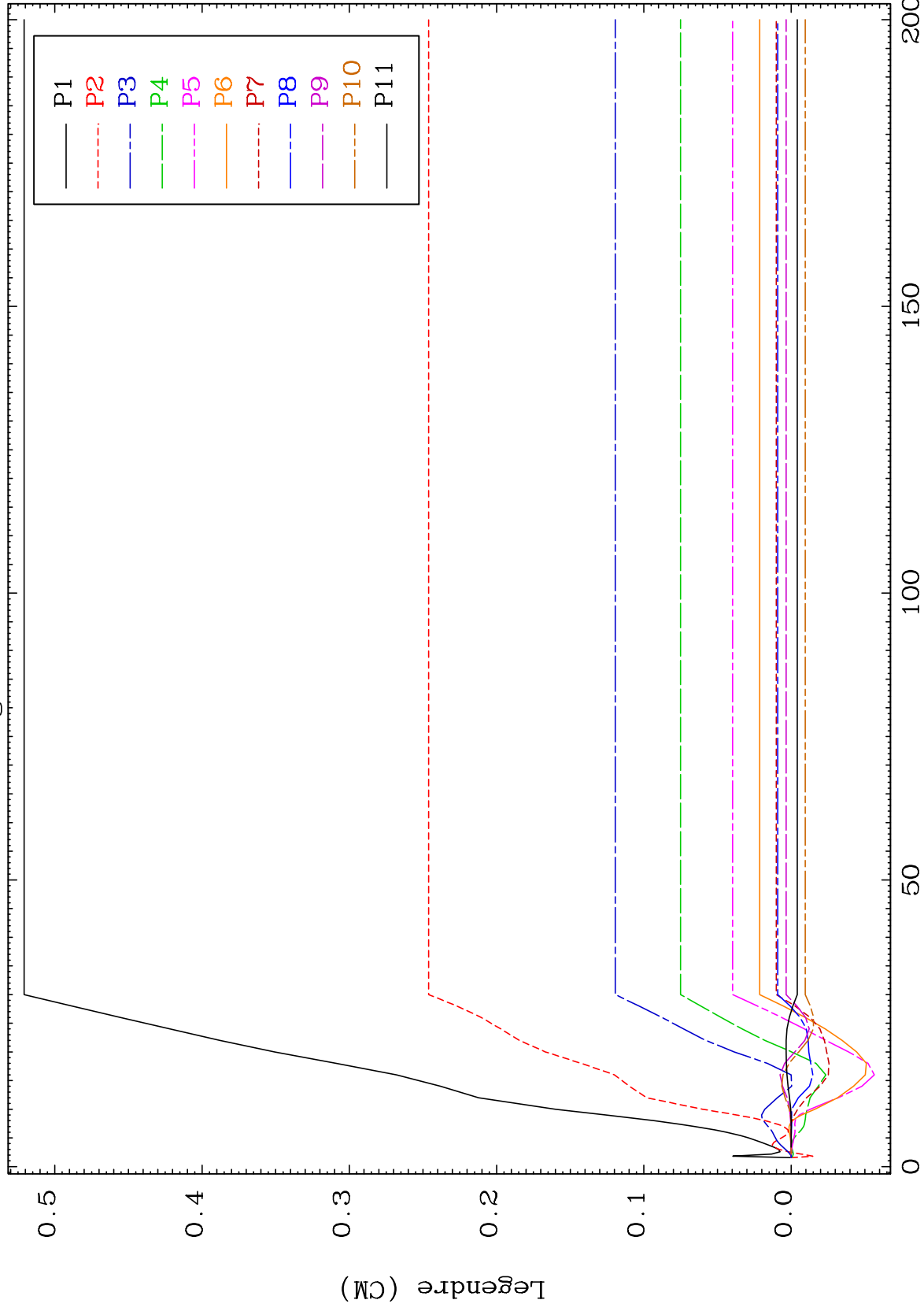
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



47

Incident Energy (MeV)

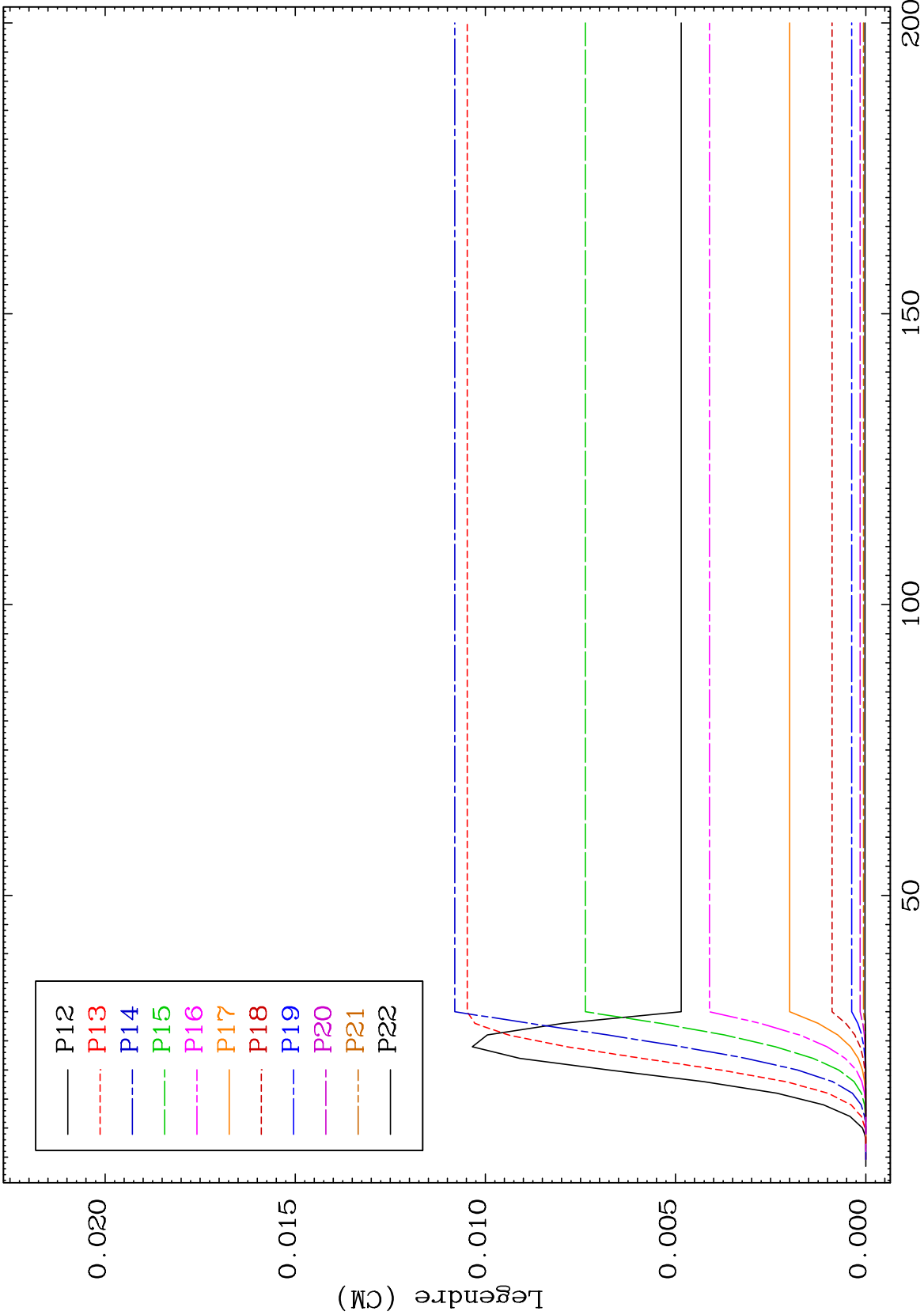
23-V -50



MAT 2325

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

23-V -50



48

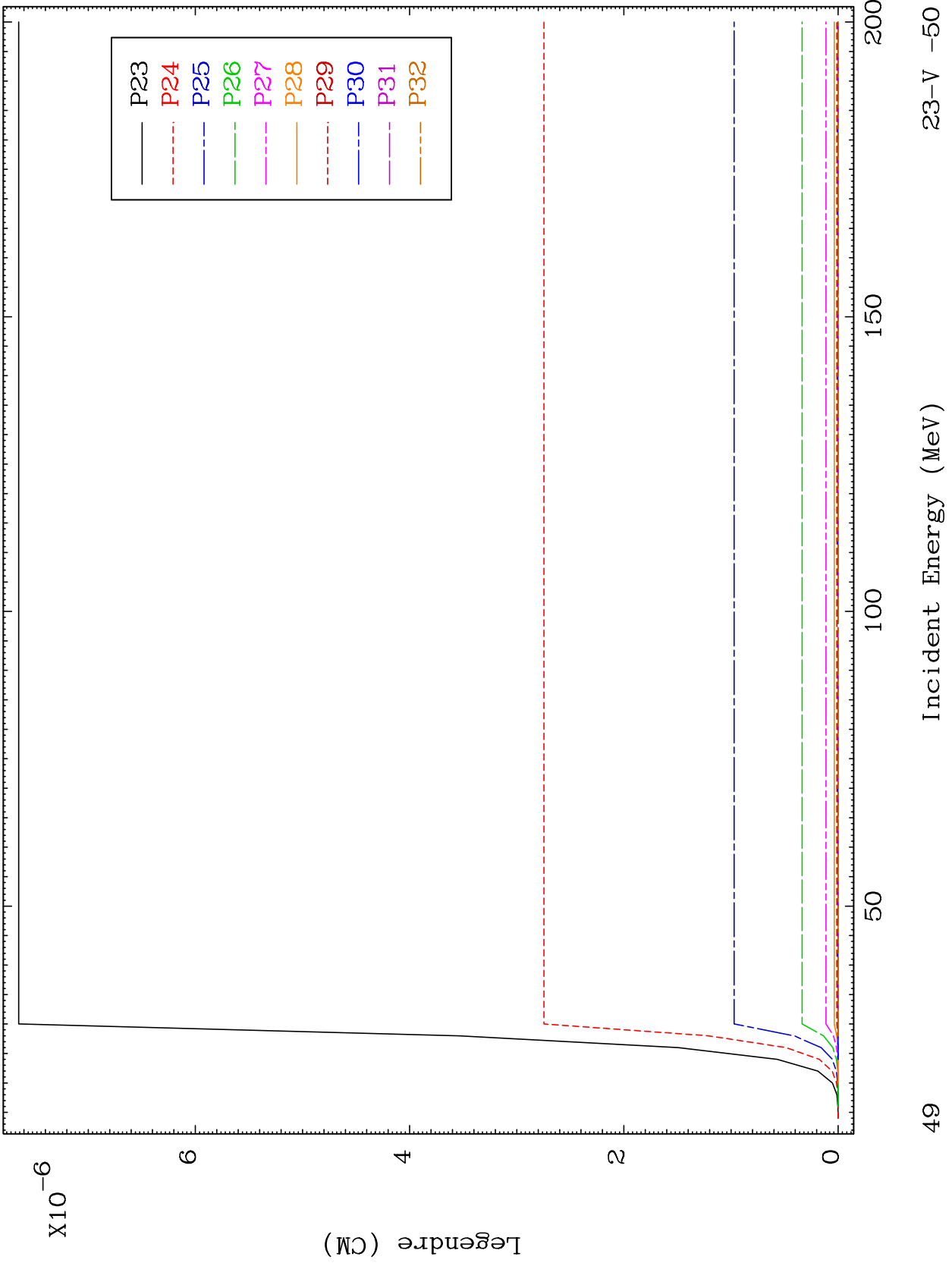
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50

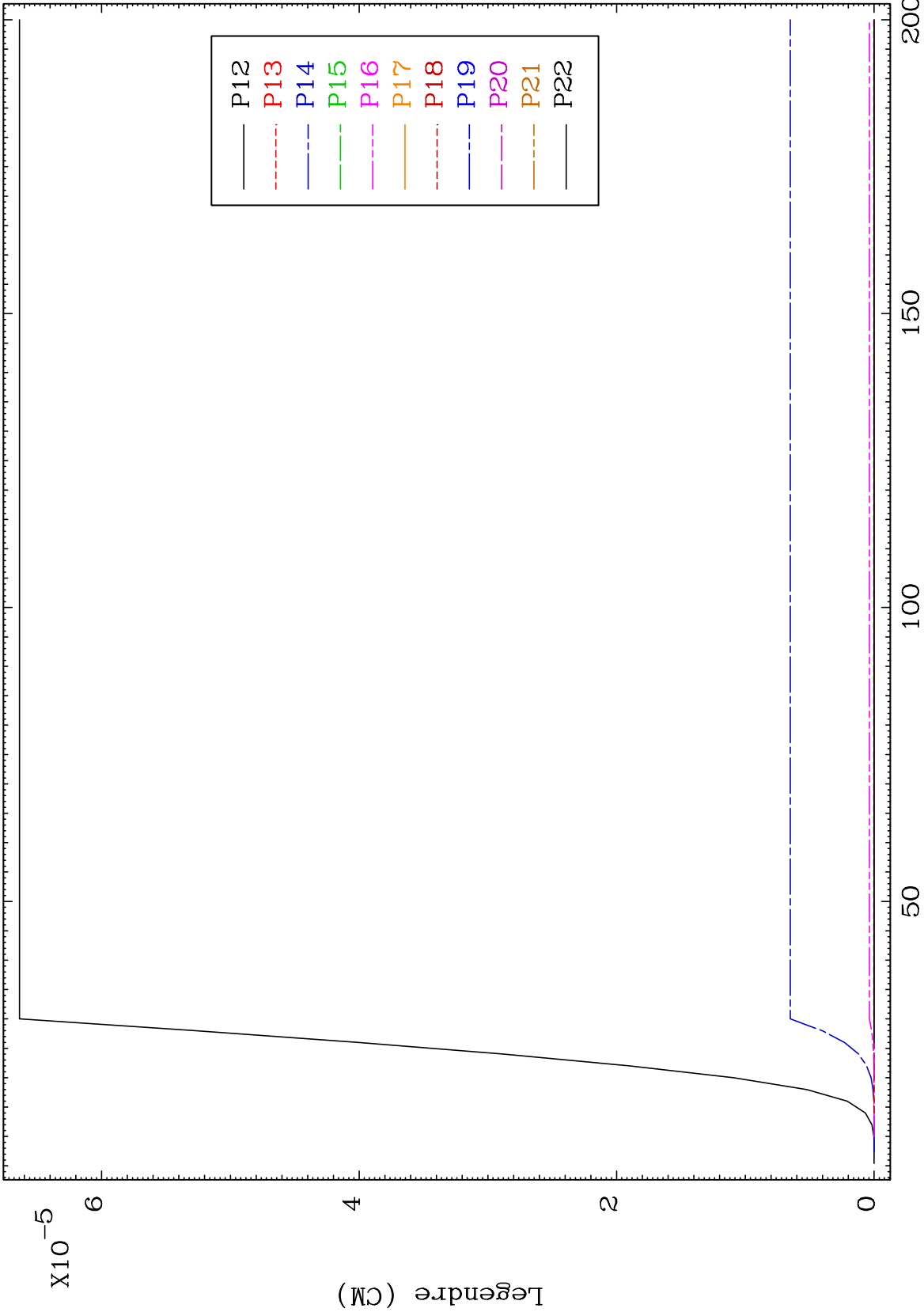




MAT 2325

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

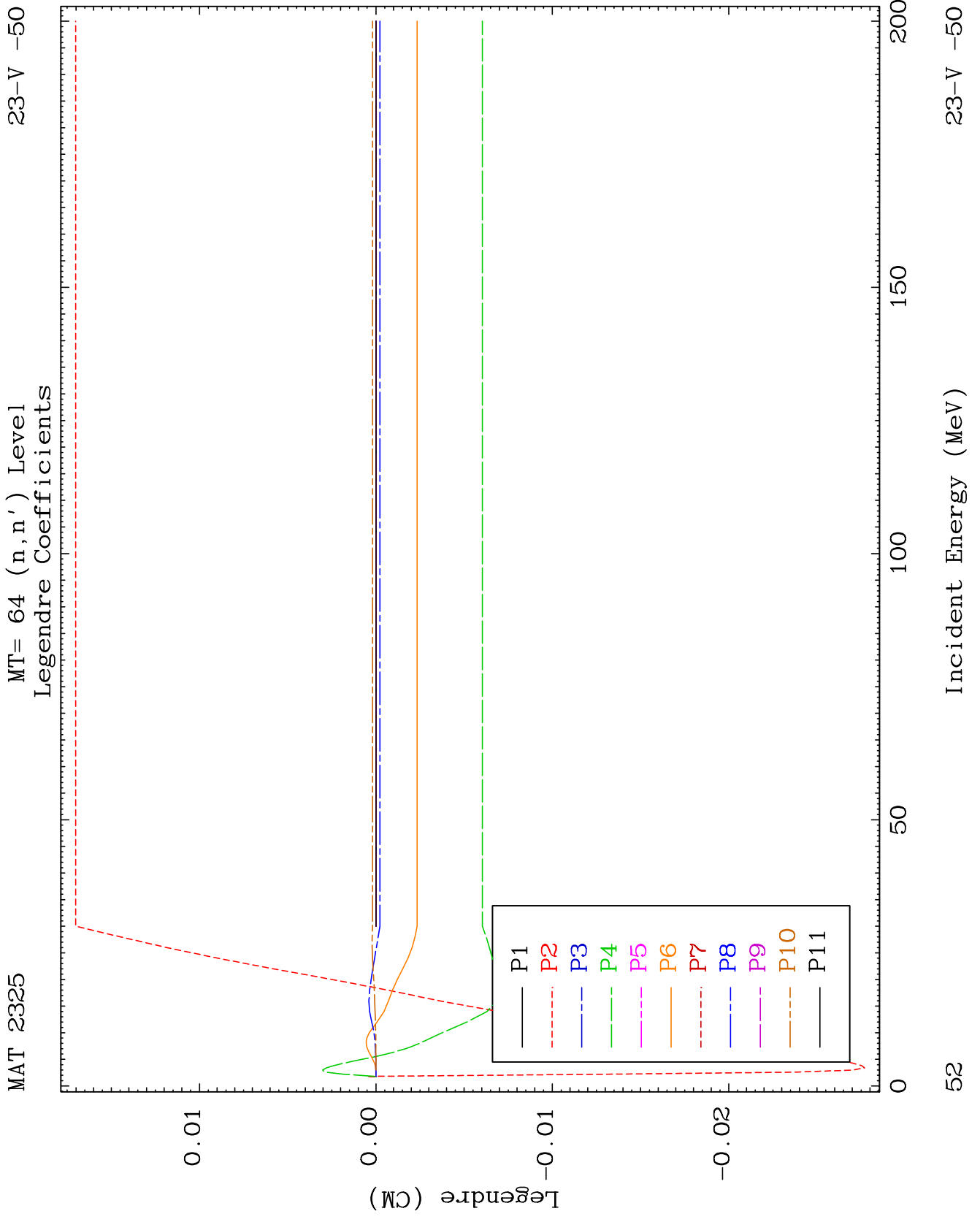
23-V -50



51

Incident Energy (MeV)

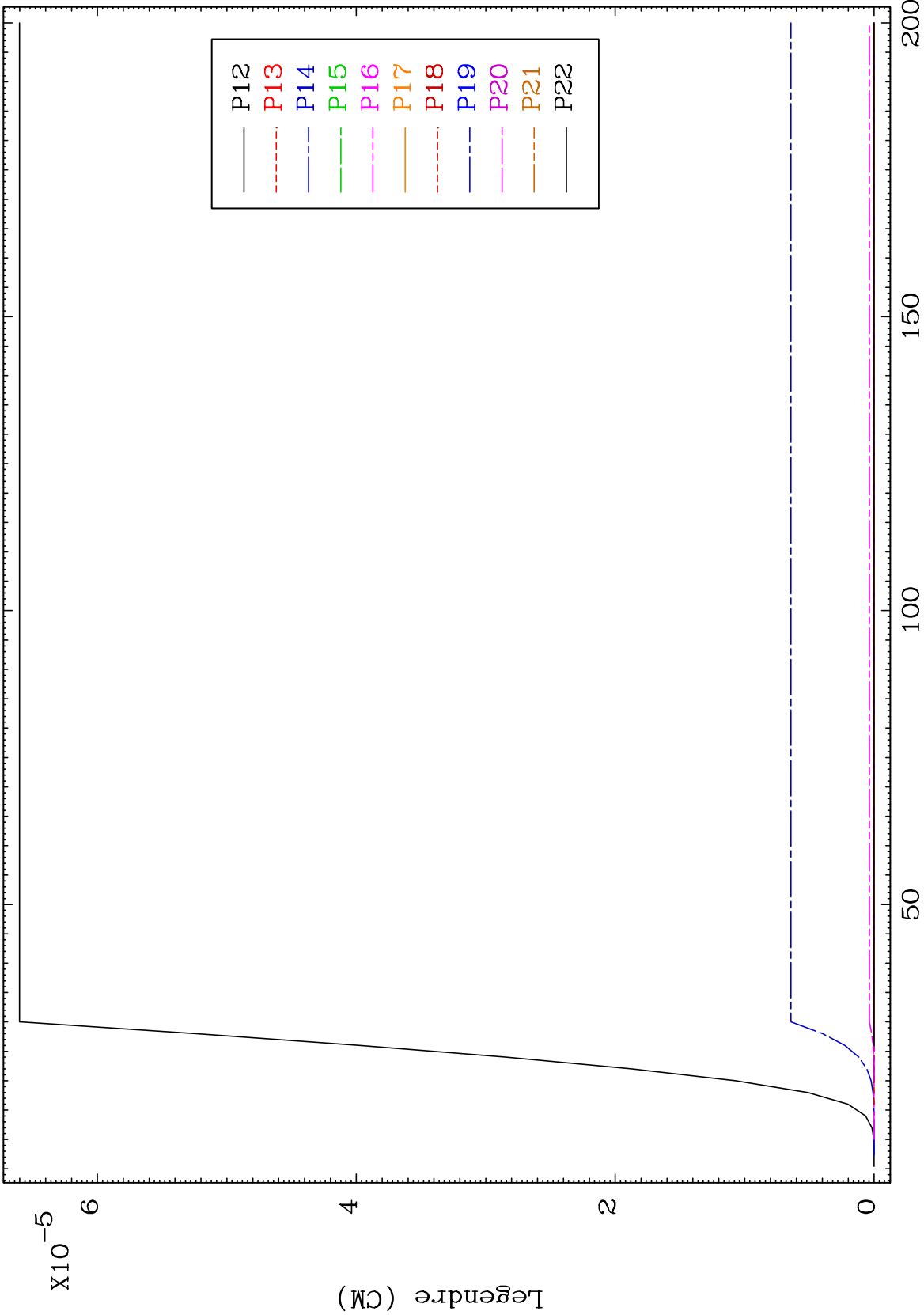
23-V -50



MAT 2325

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

23-V -50



53

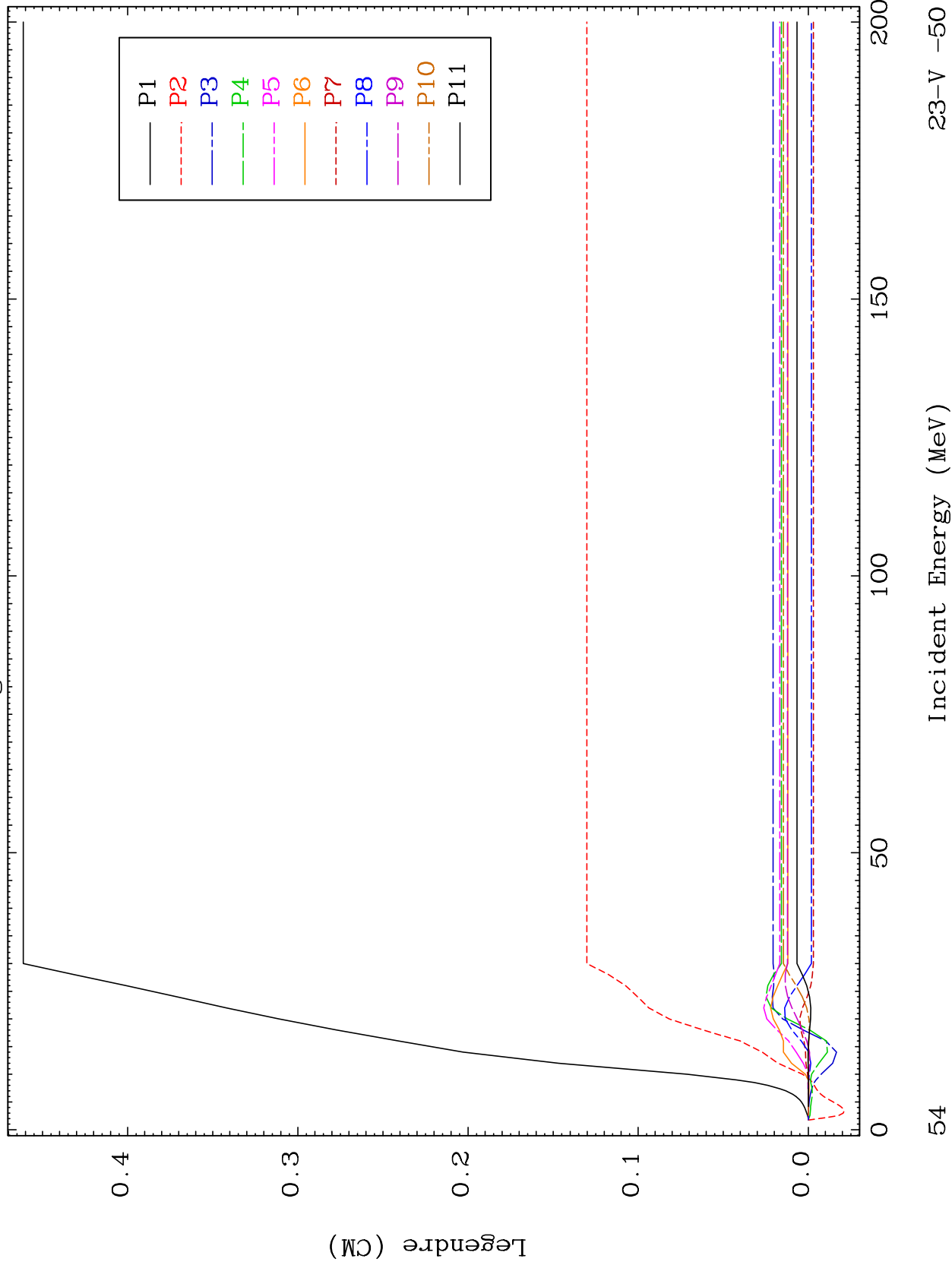
Incident Energy (MeV)

23-V -50

MAT 2325

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

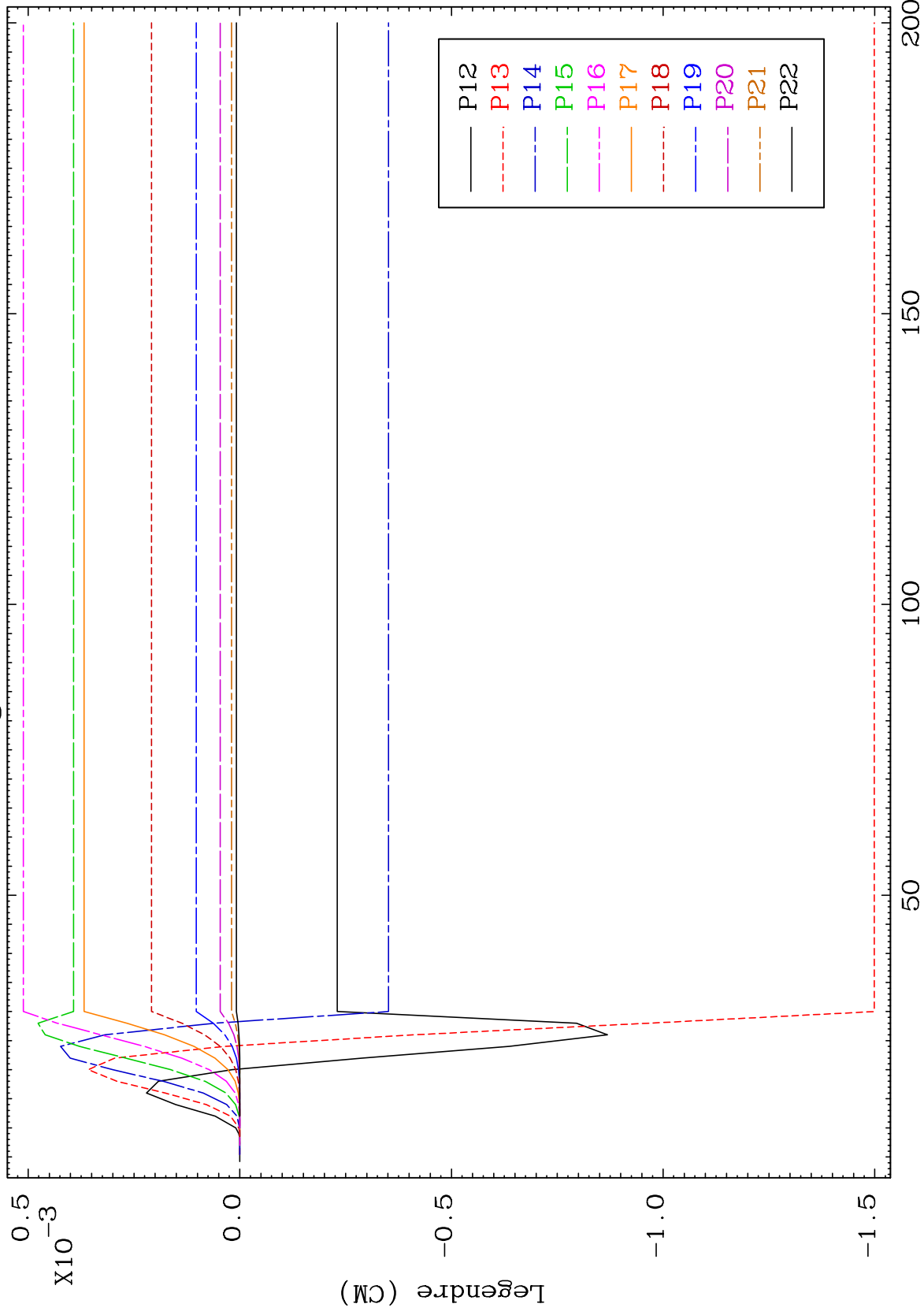
23-V -50



MAT 2325

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

23-V -50



55

Incident Energy (MeV)

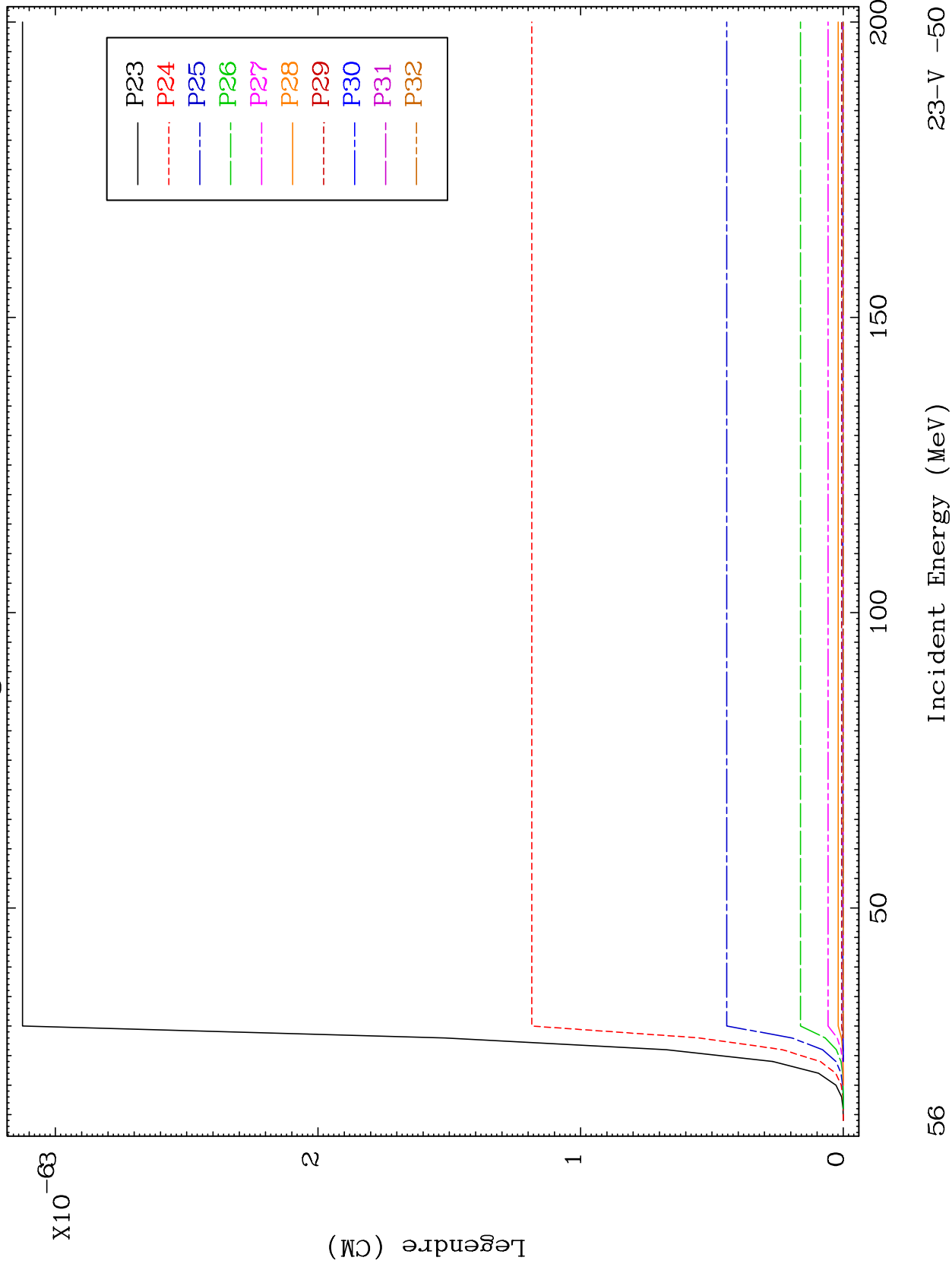
23-V -50



MAT 2325

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

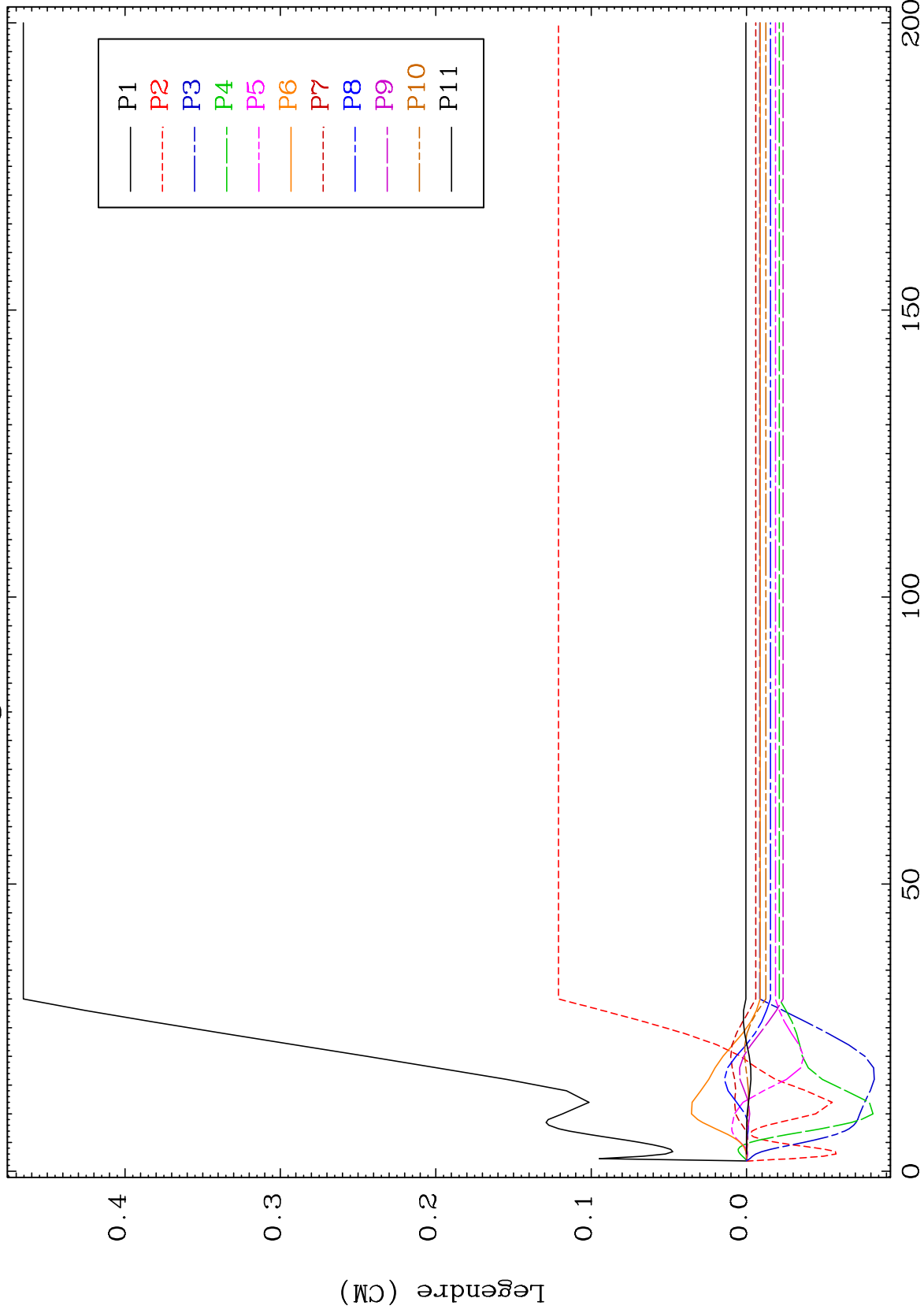
23-V -50



MAT 2325

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

23-V -50



23-V -50

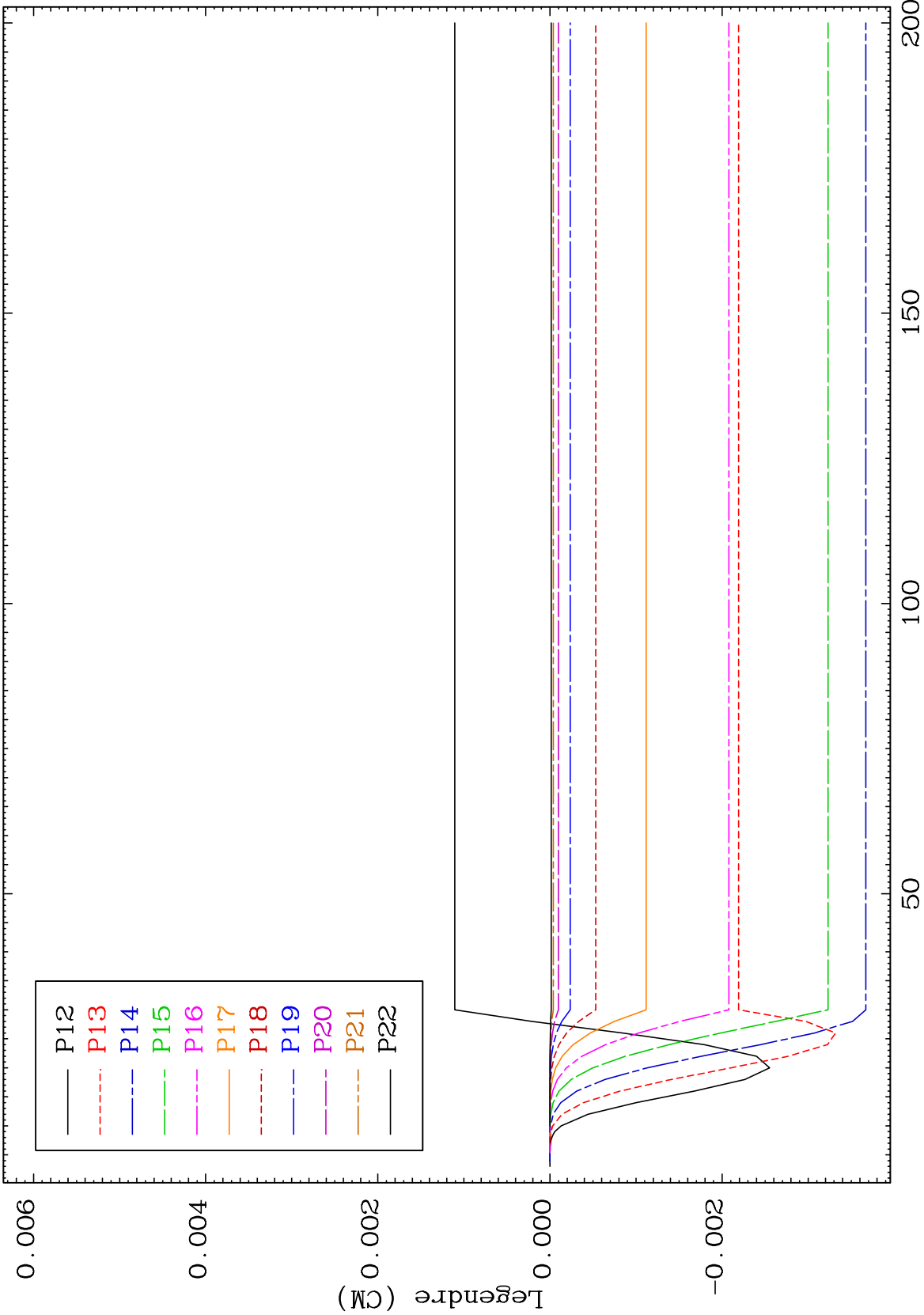
Incident Energy (MeV)

57

MAT 2325

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

23-V -50

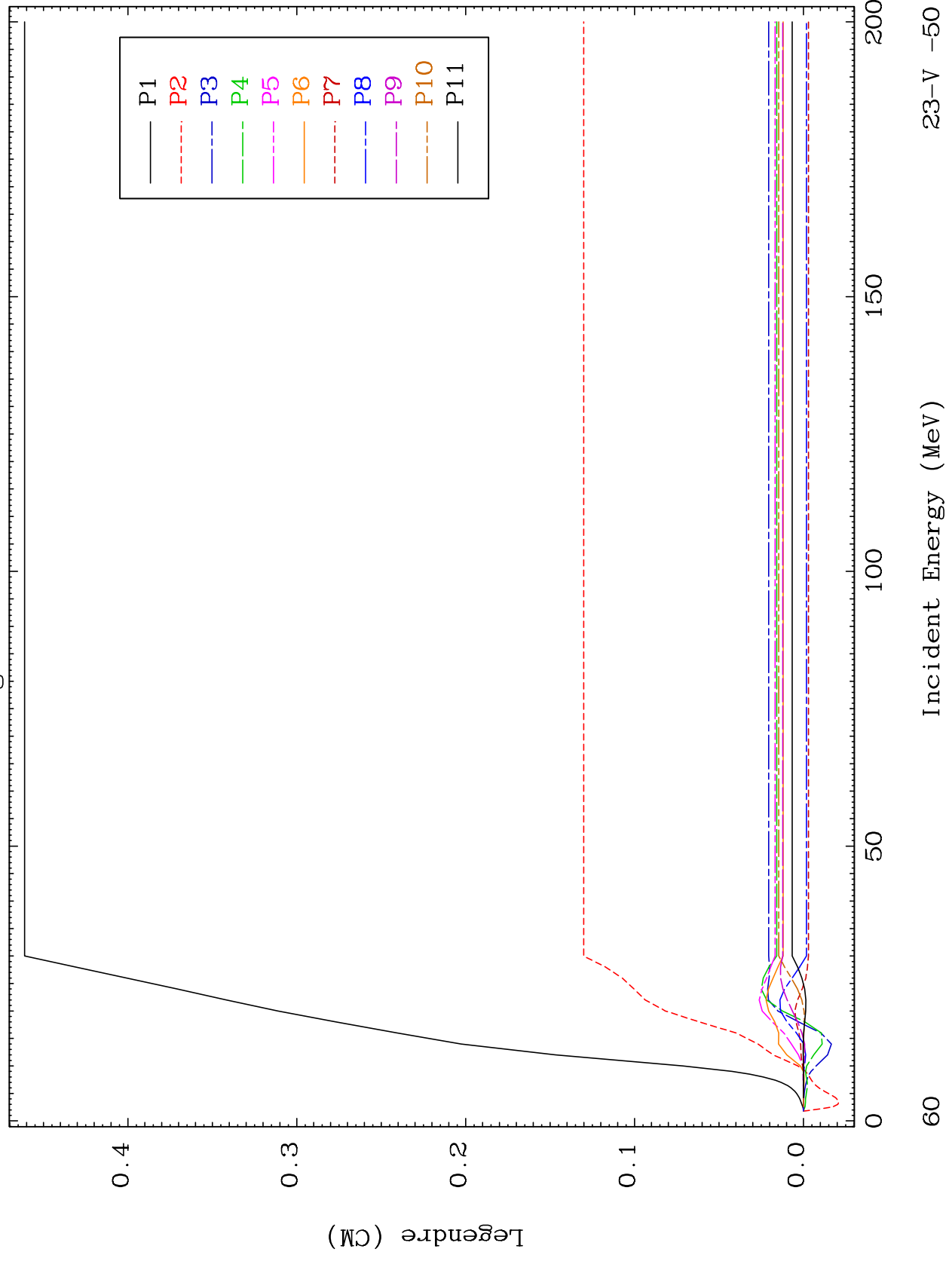


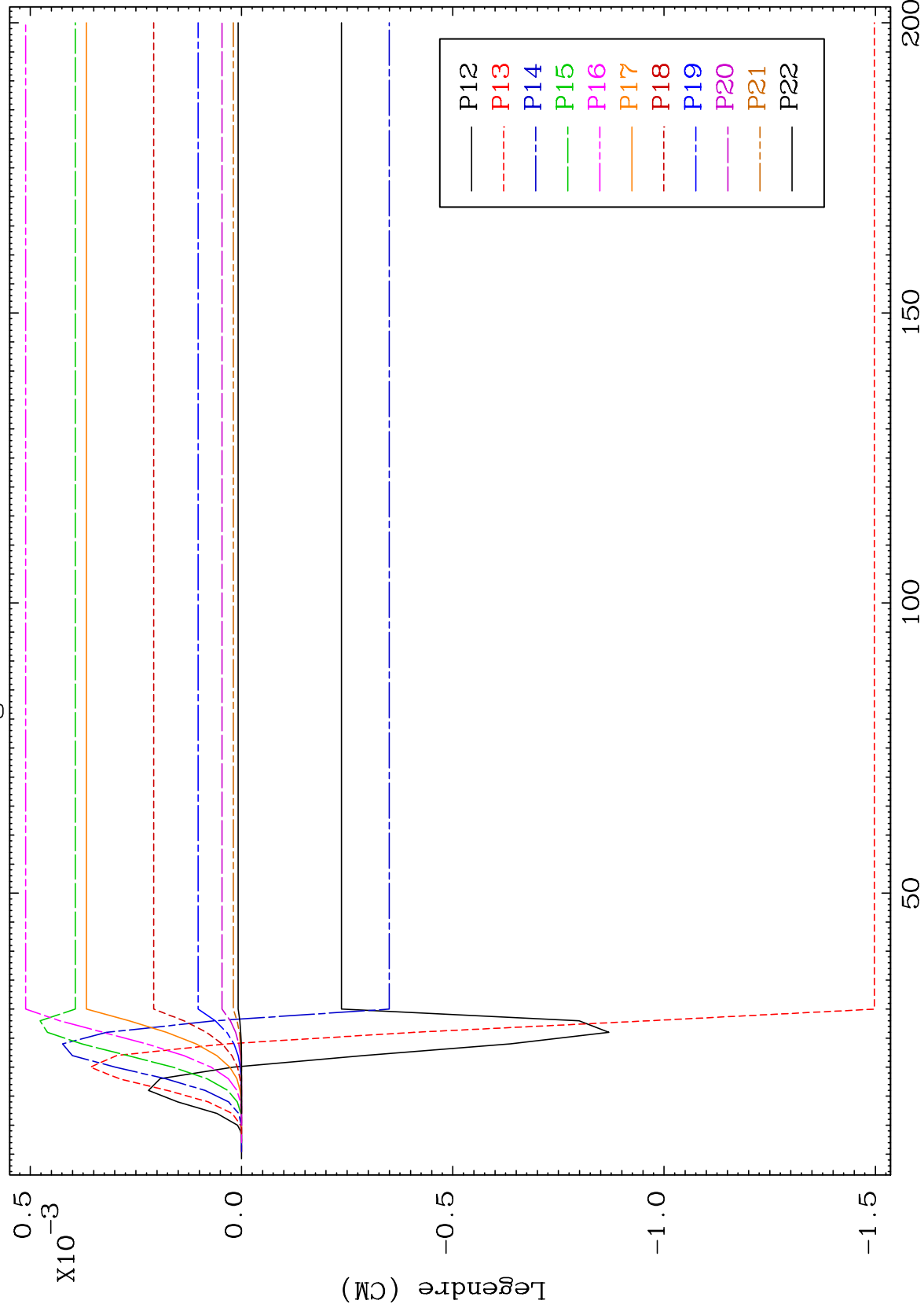


MAT 2325

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

23-V -50

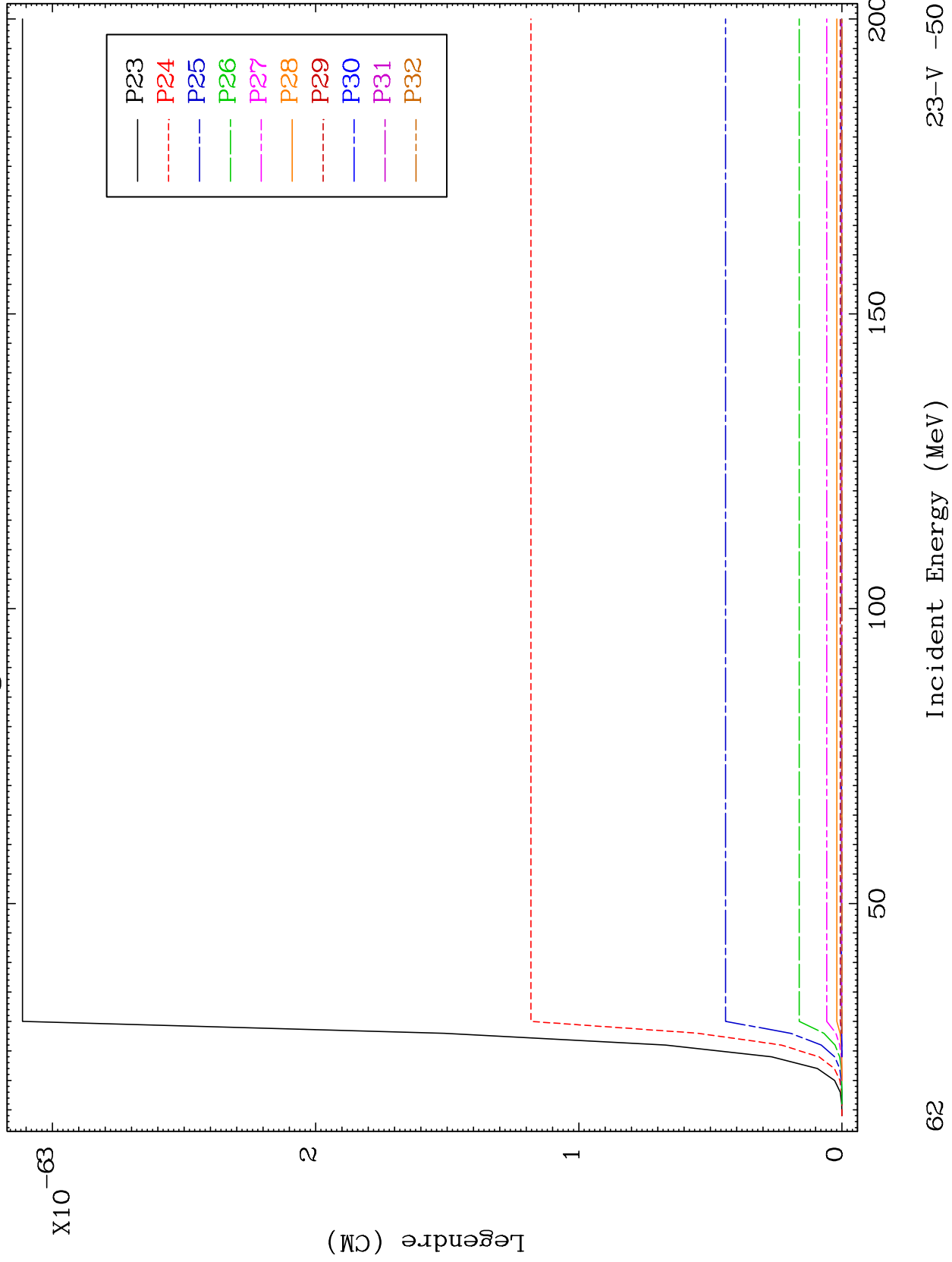




MAT 2325

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

23-V -50



62

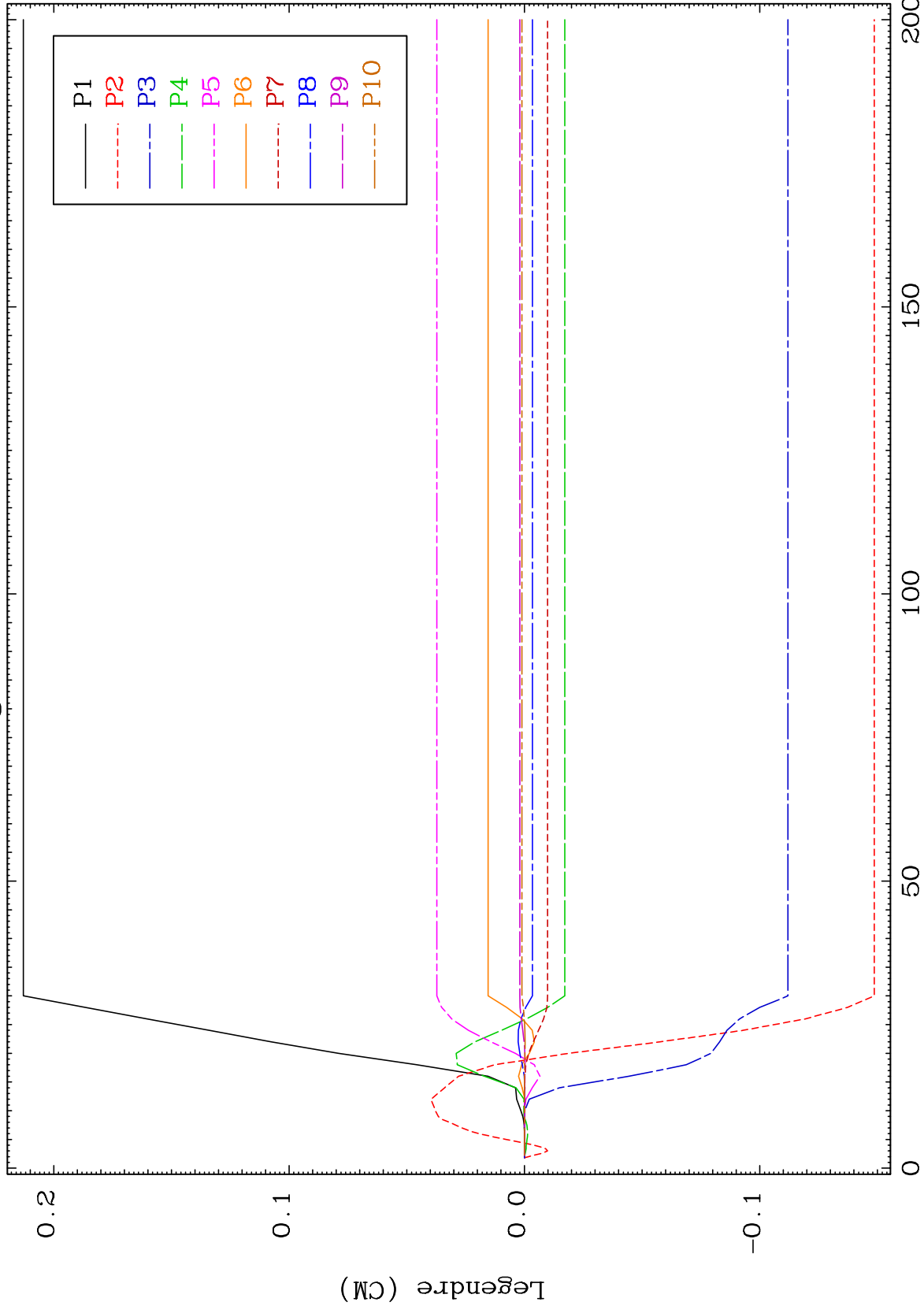
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



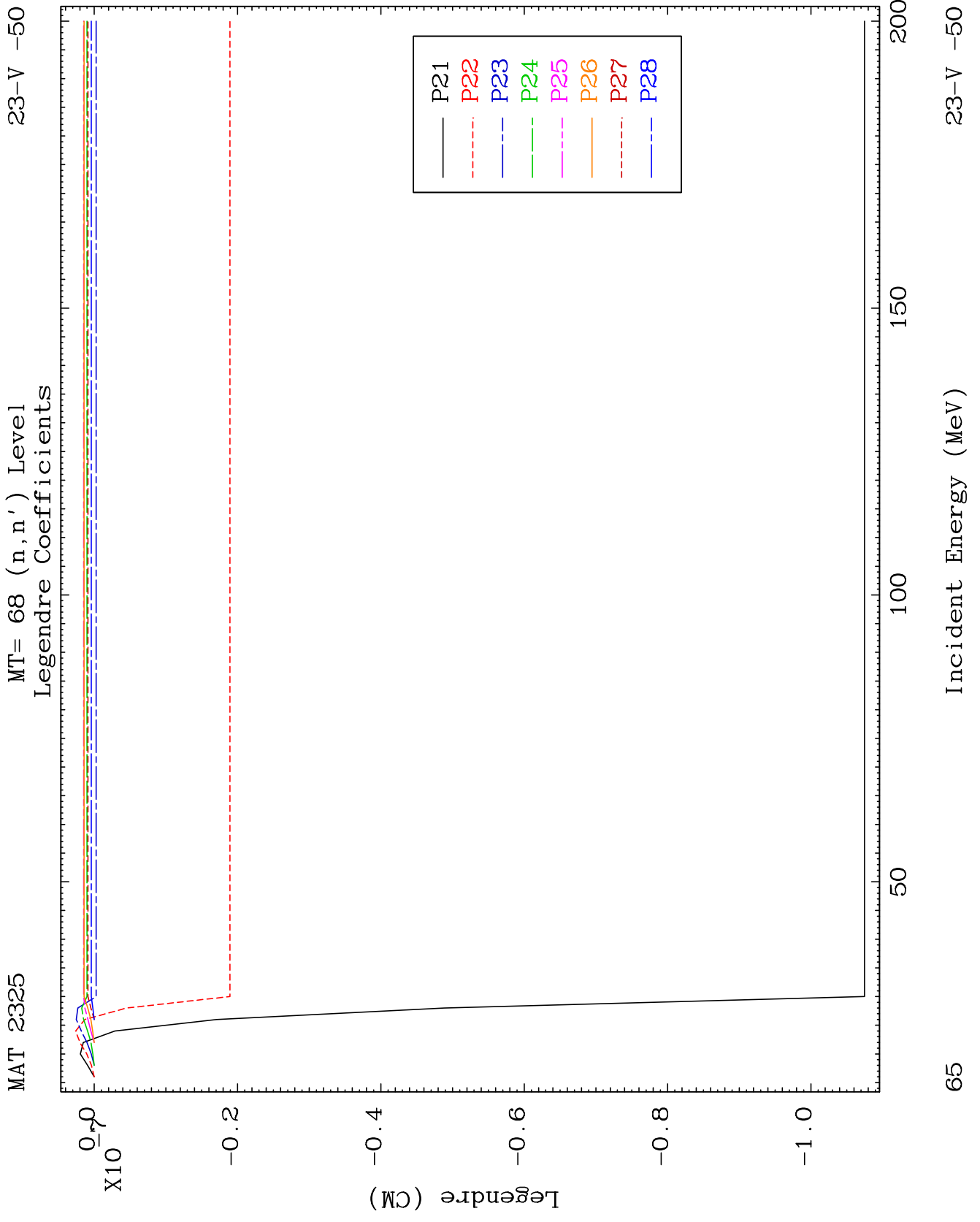
23-V -50

Incident Energy (MeV)

63



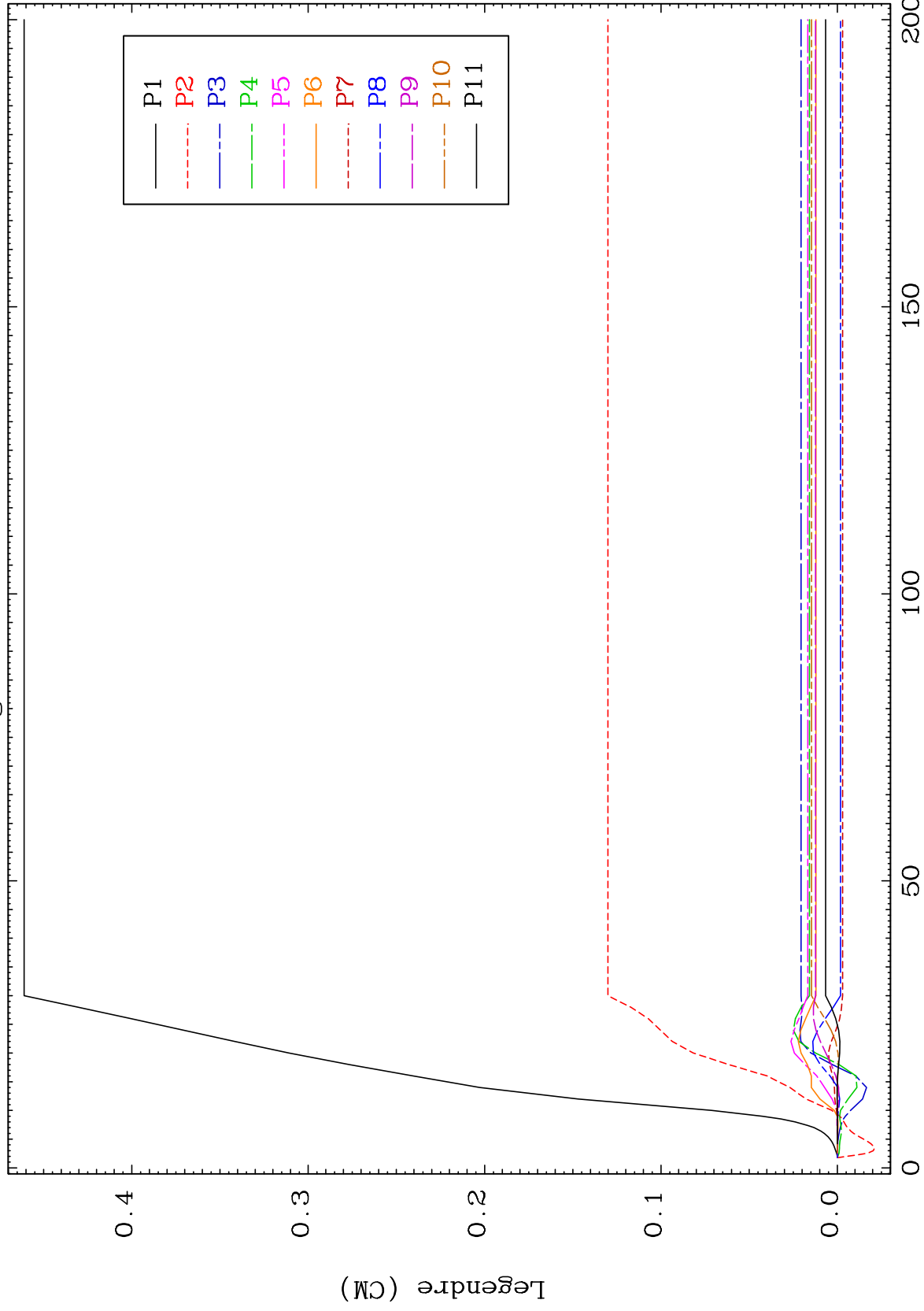




MAT 2325

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

23-V -50



66

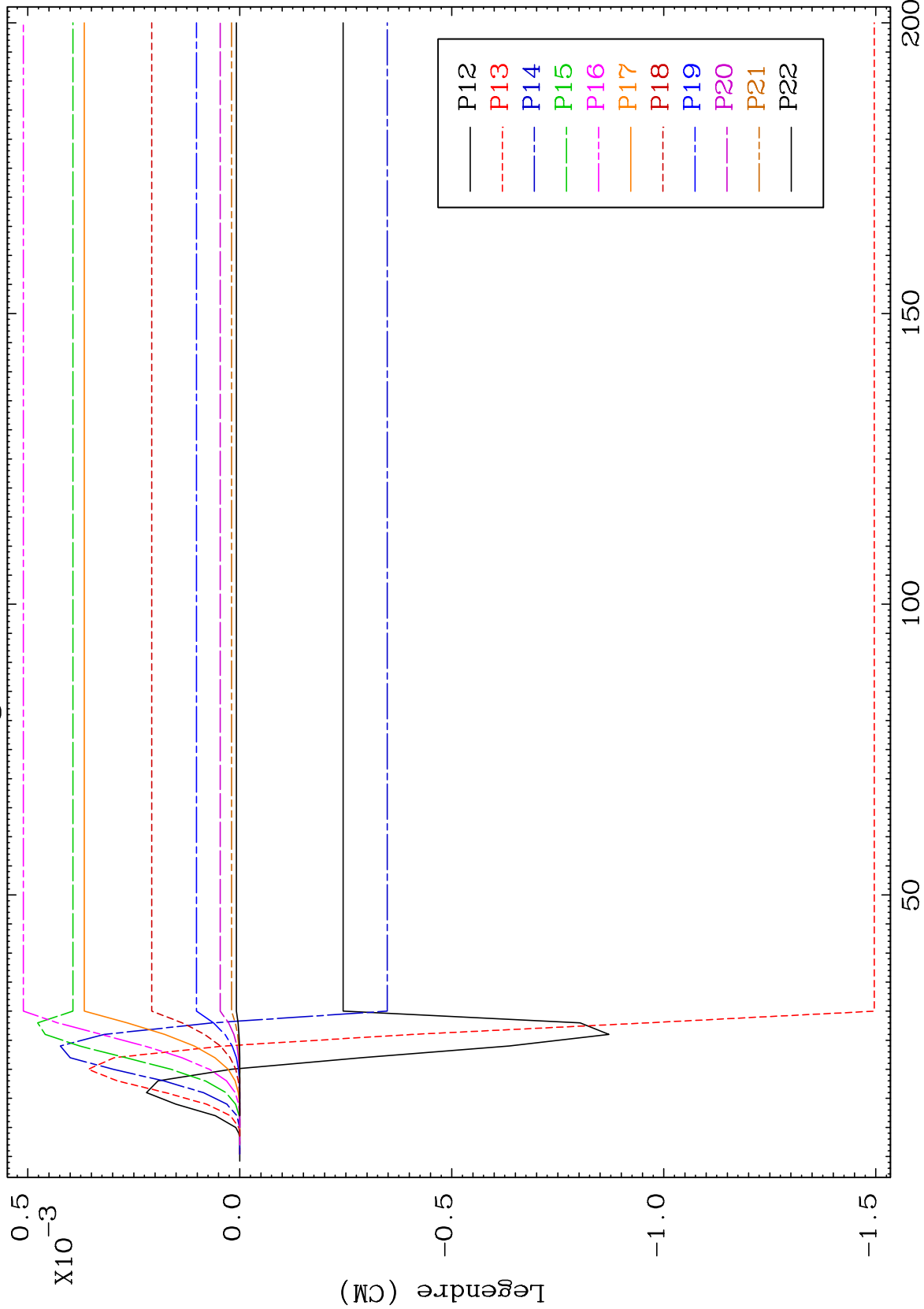
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



67

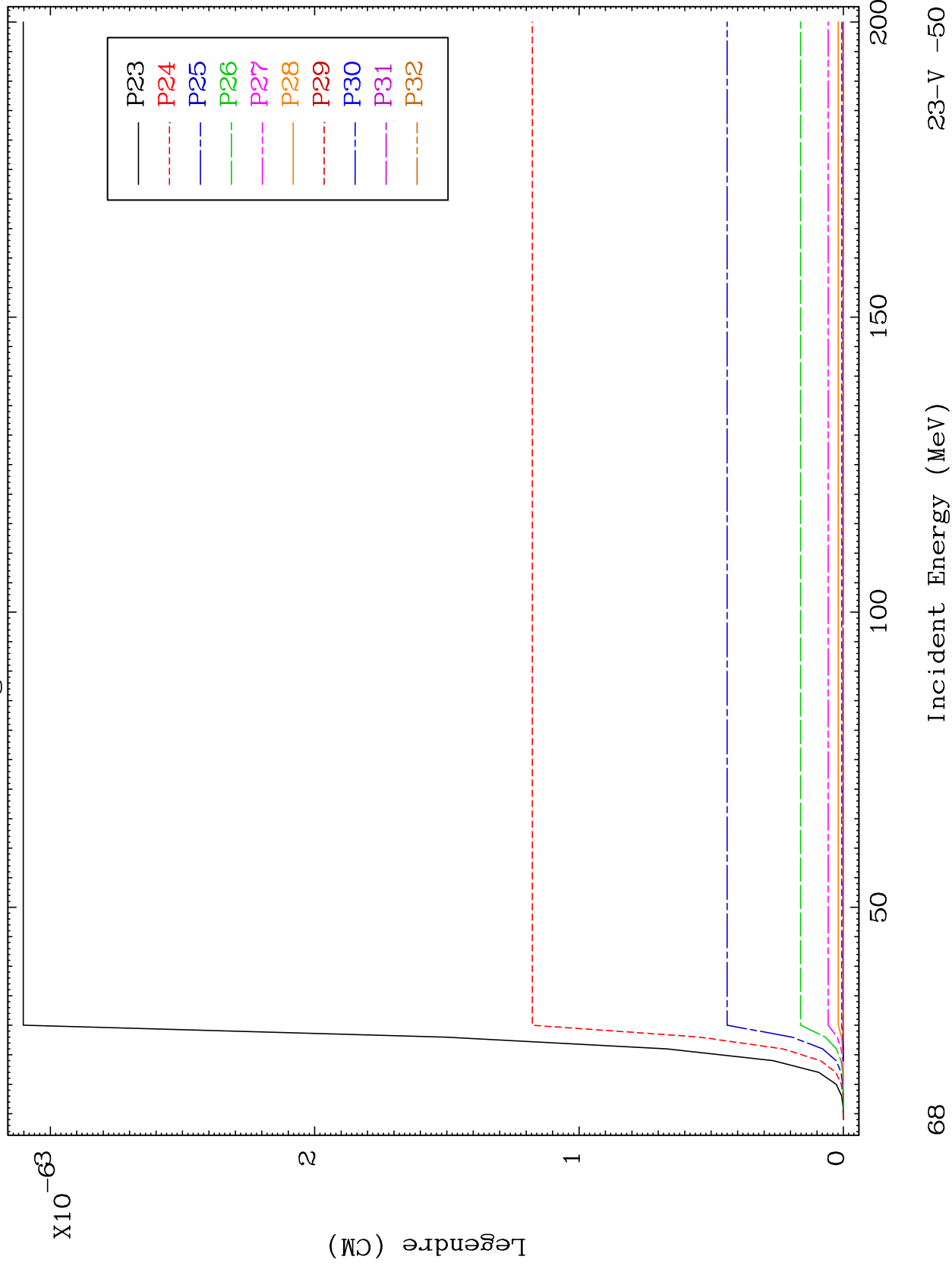
Incident Energy (MeV)

23-V -50

MAT 2325

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

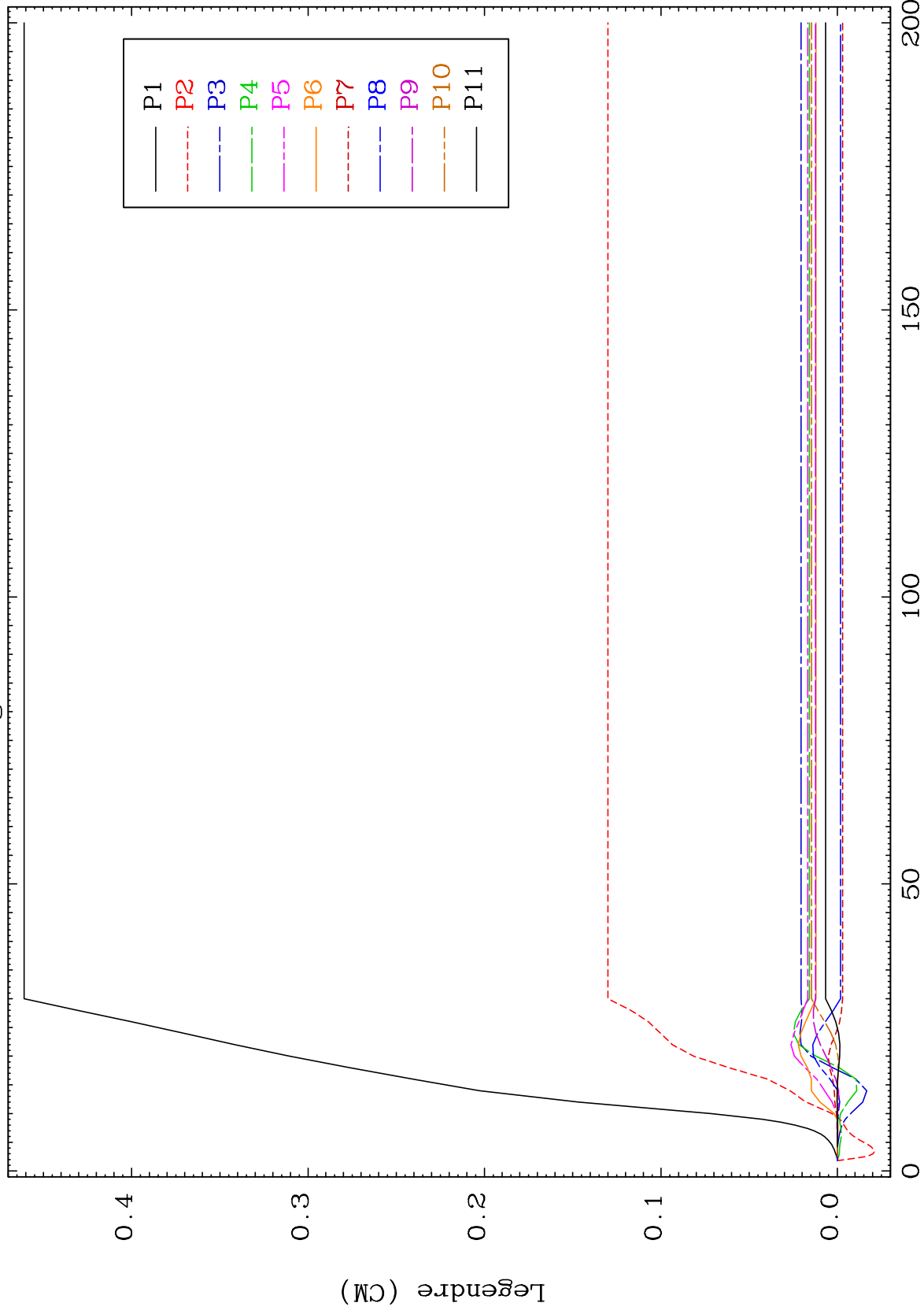
23-V -50



MAT 2325

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

23-V -50



69

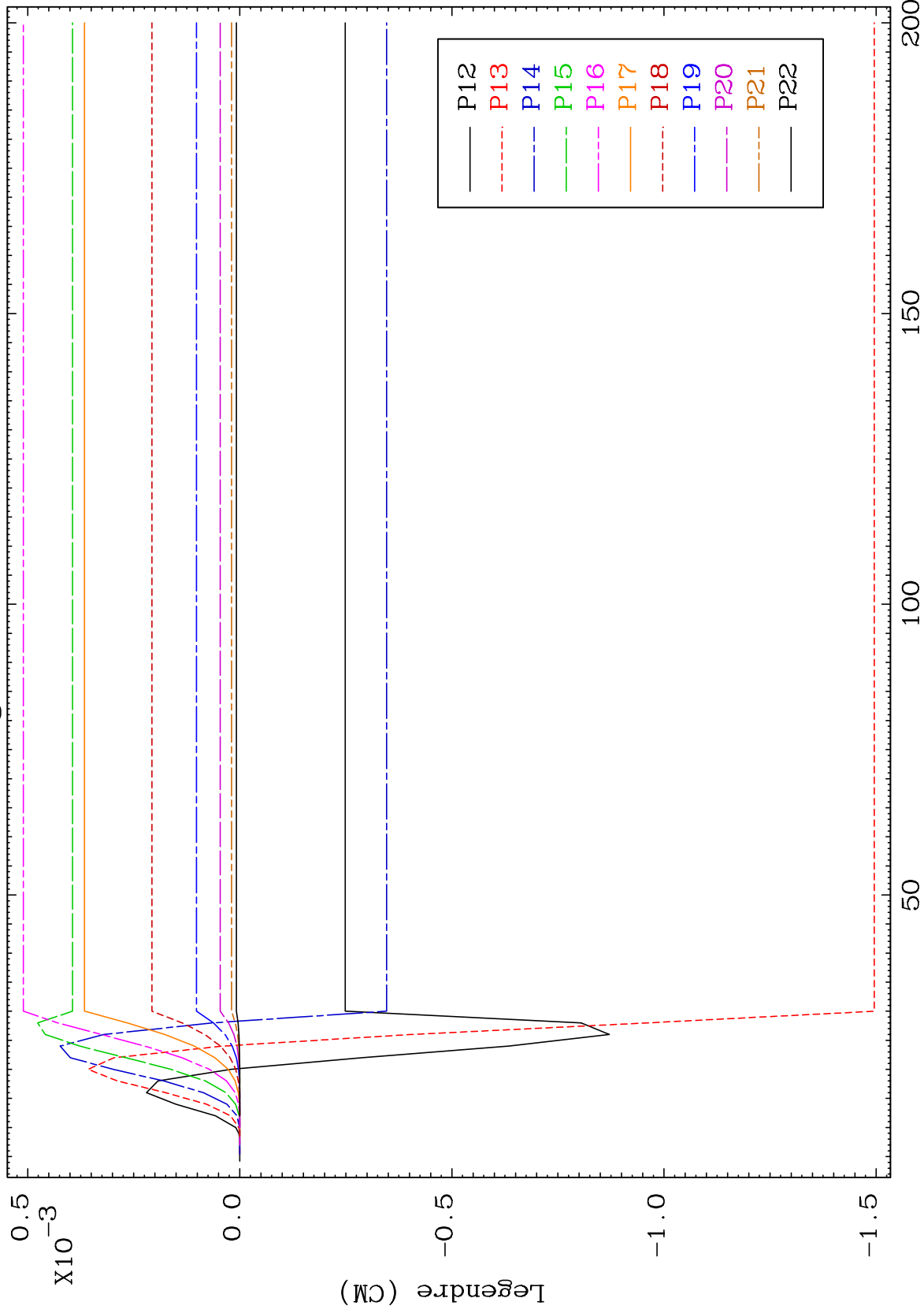
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



70

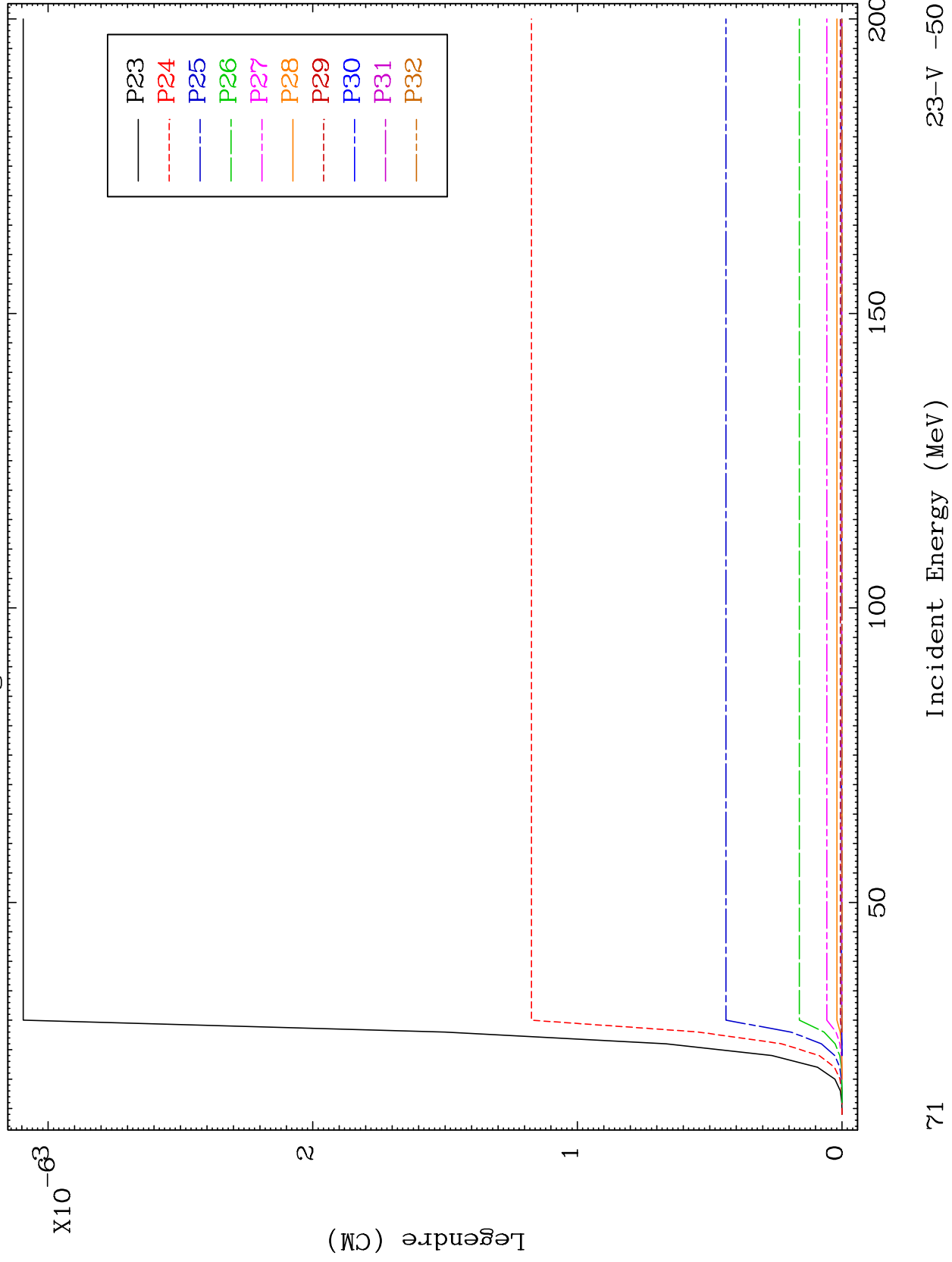
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50

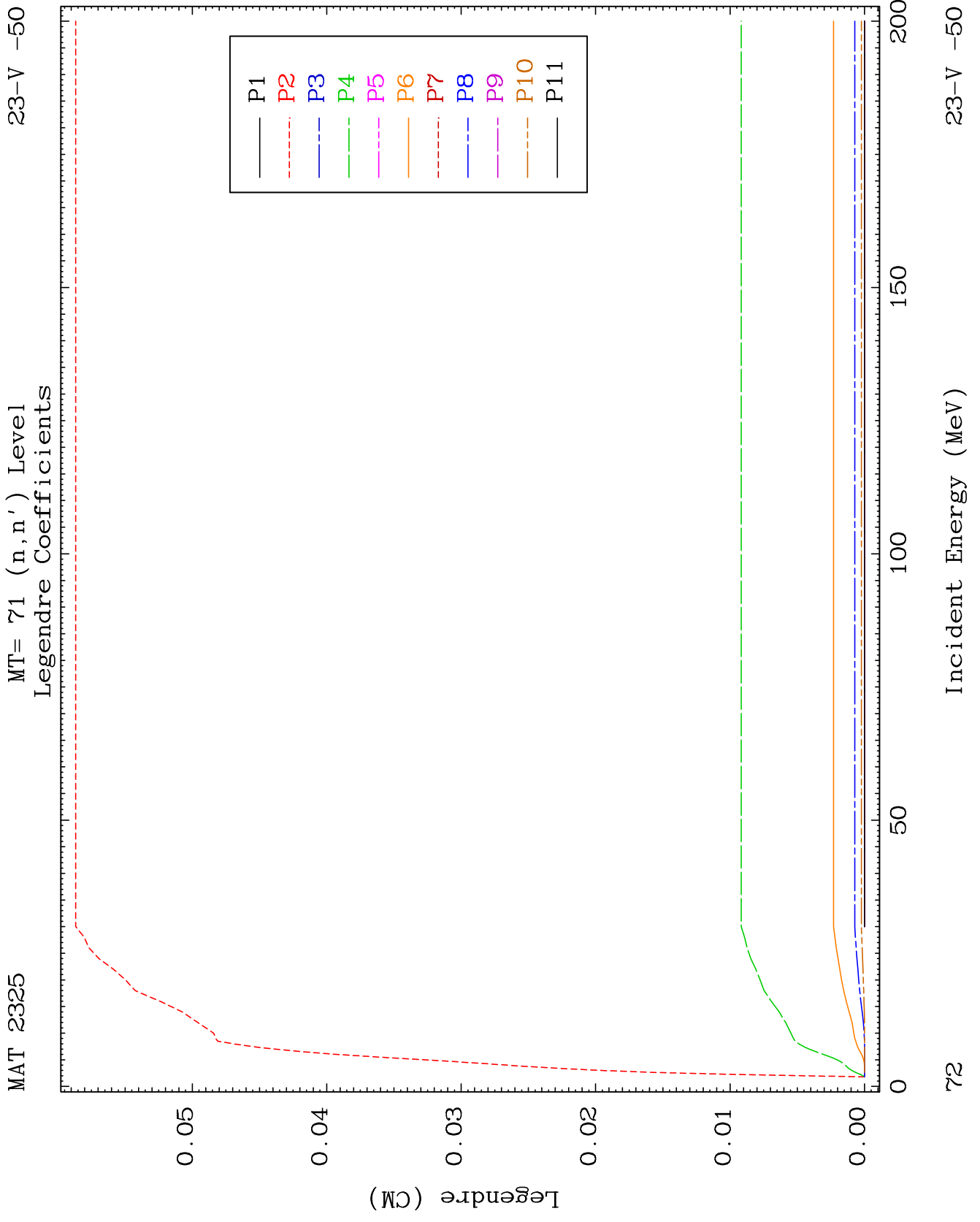


71

Incident Energy (MeV)

23-V -50

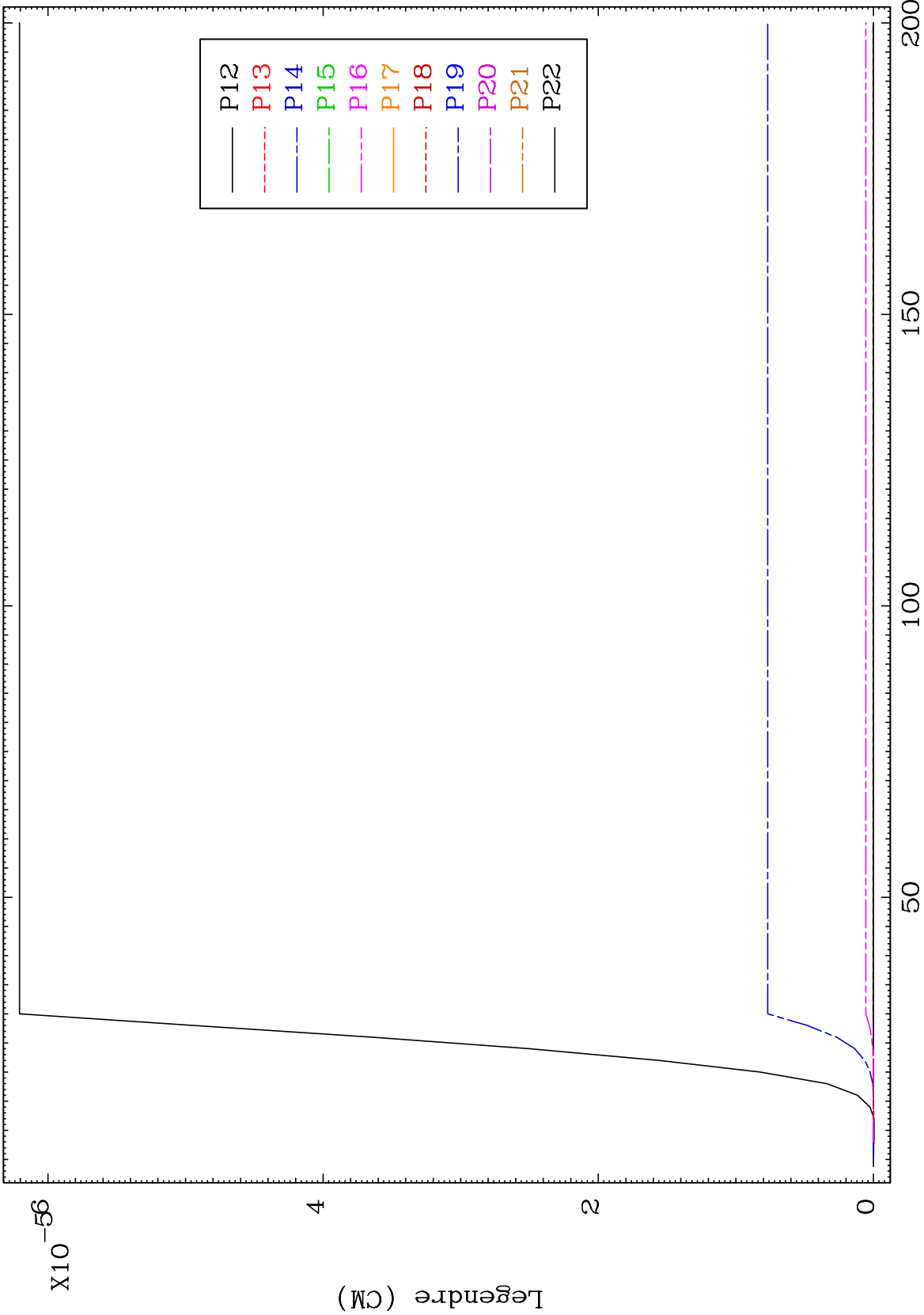




MAT 2325

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

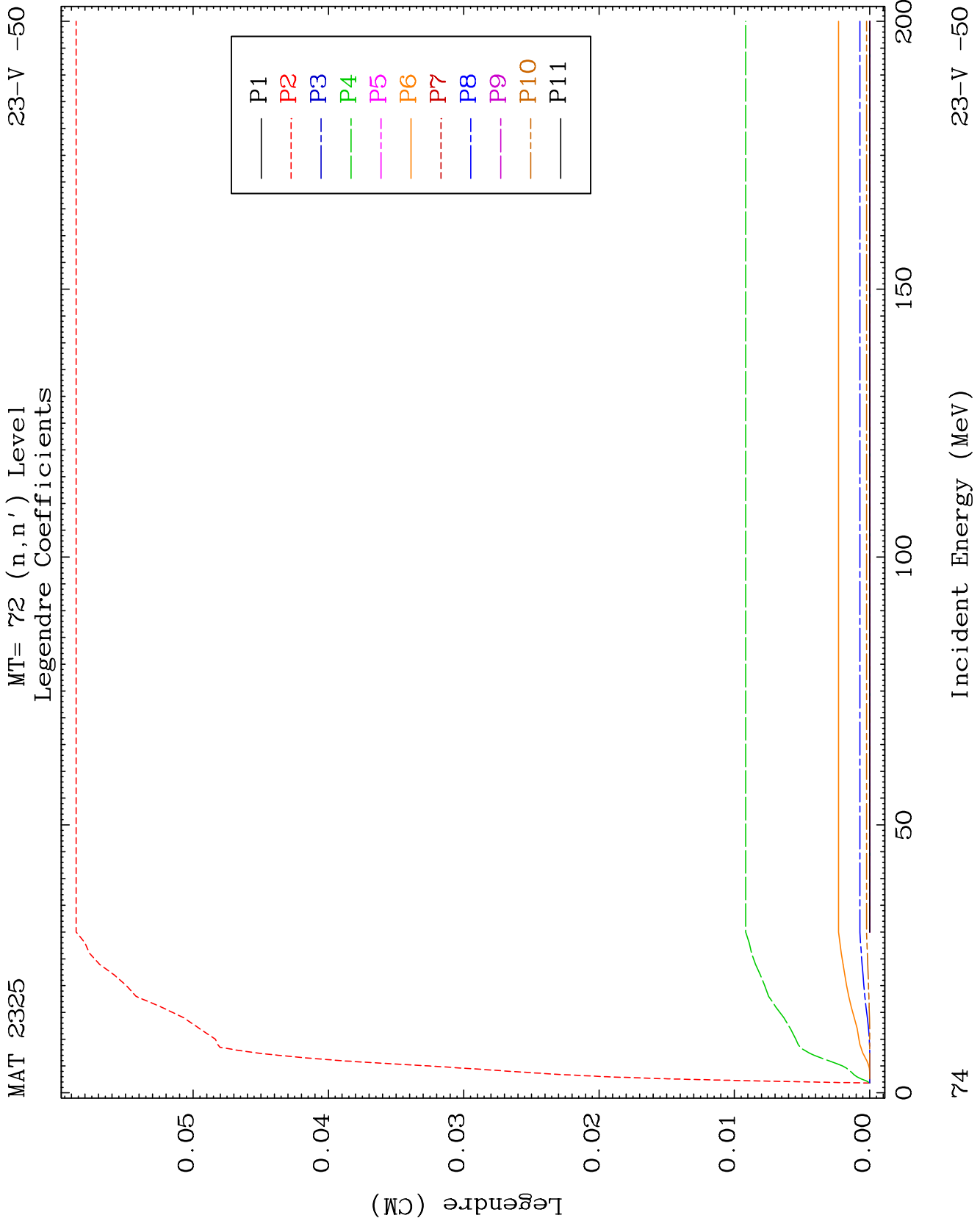
23-V -50



73

Incident Energy (MeV)

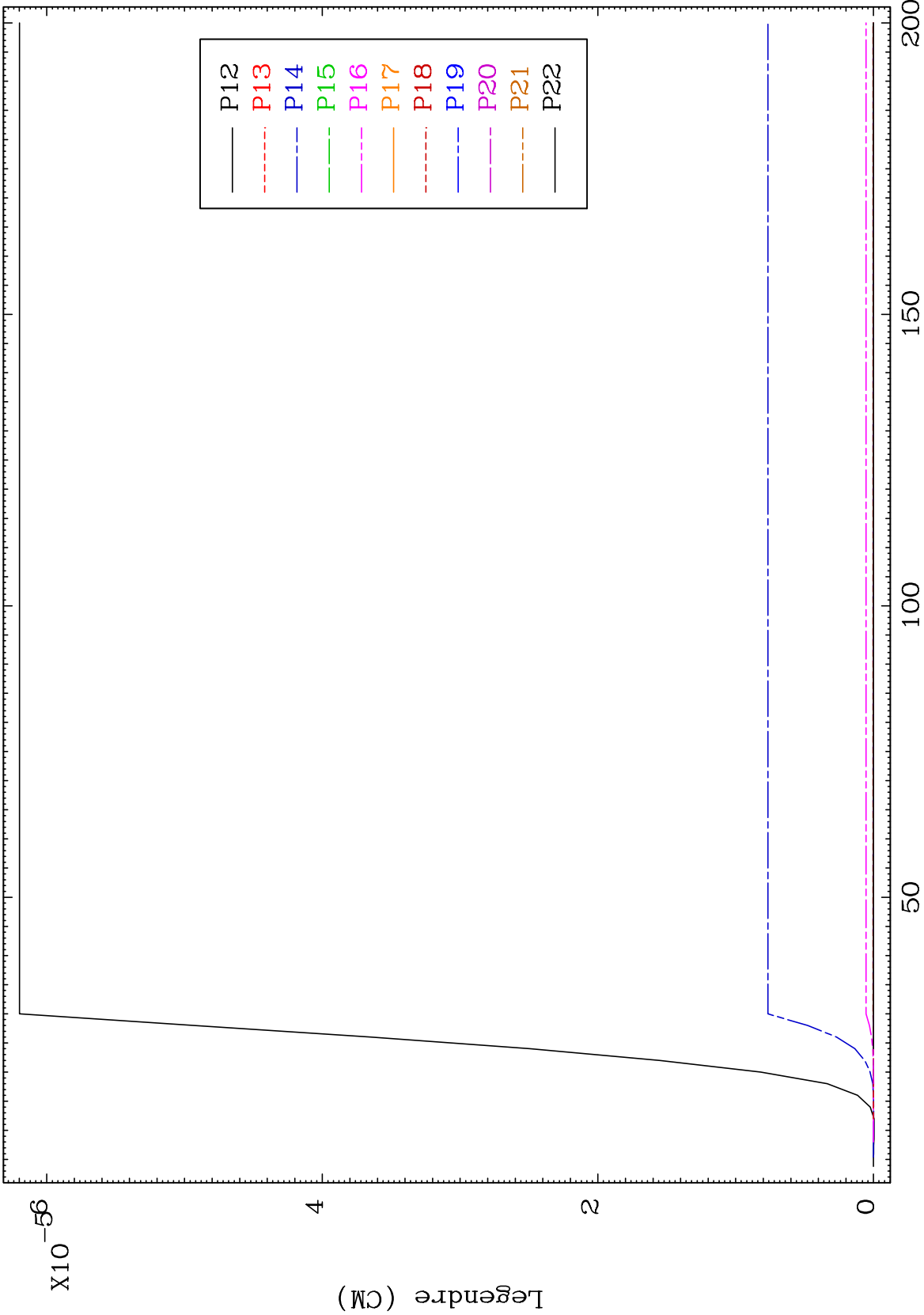
23-V -50



MAT 2325

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

23-V -50



75

Incident Energy (MeV)

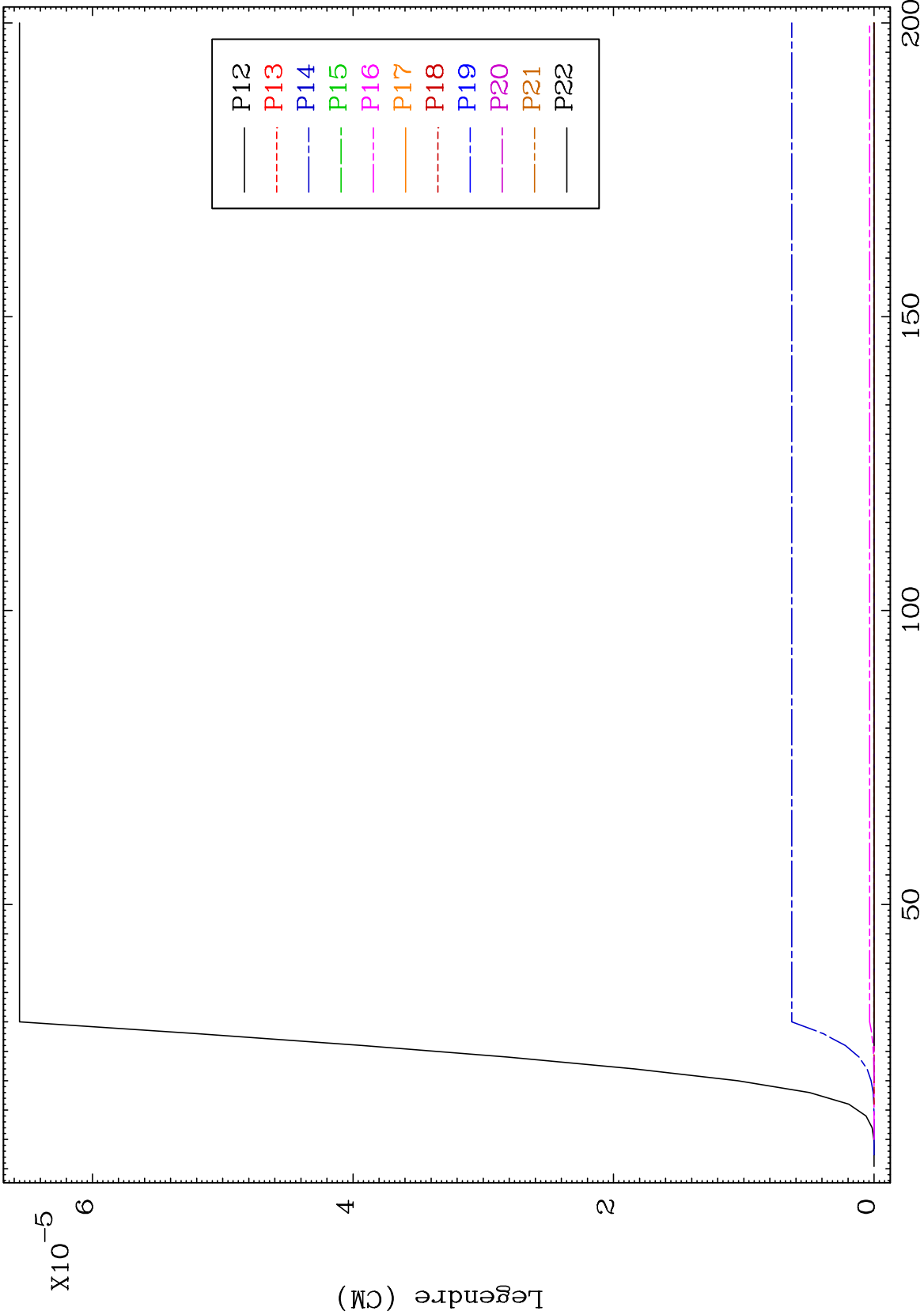
23-V -50



MAT 2325

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

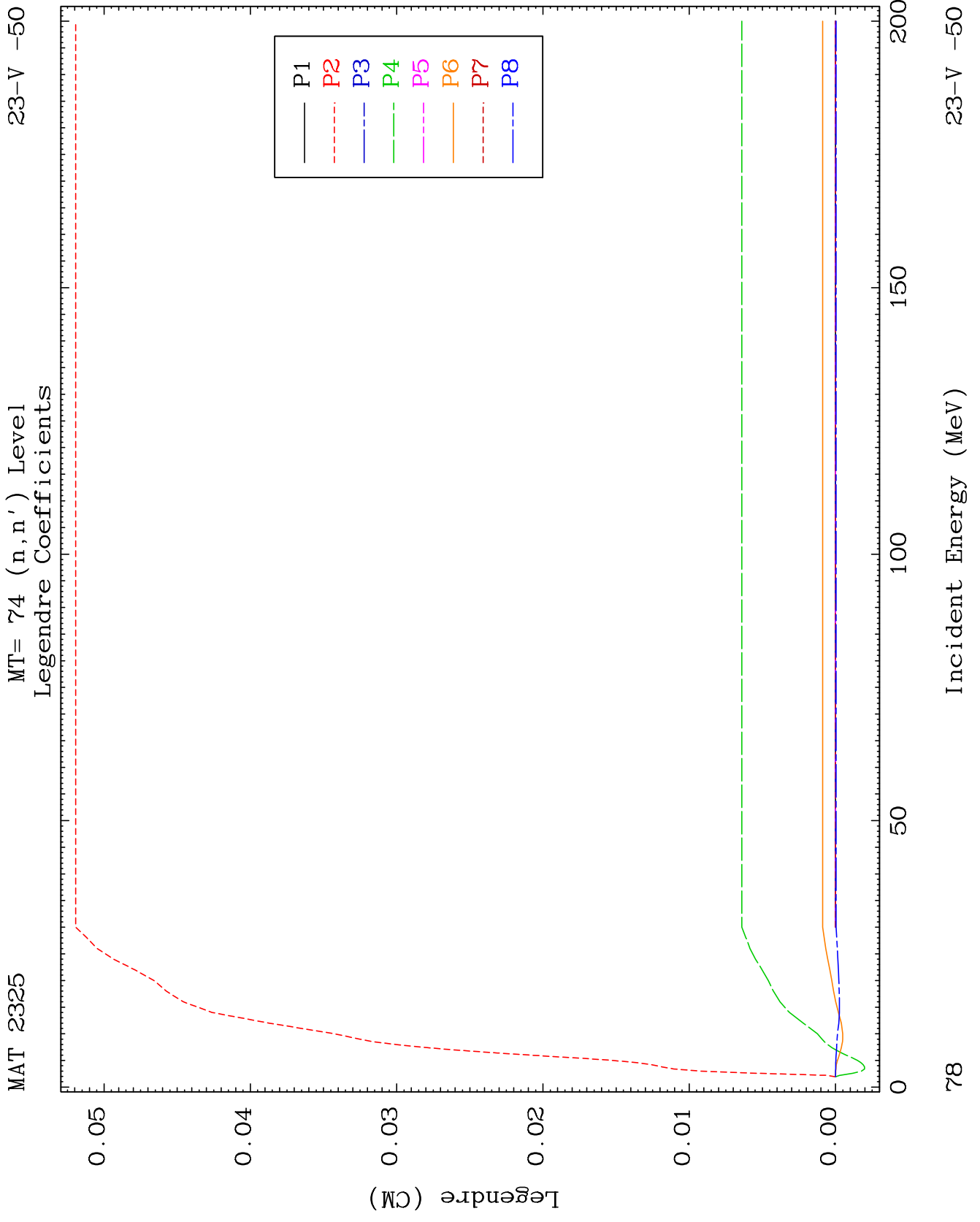
23-V -50

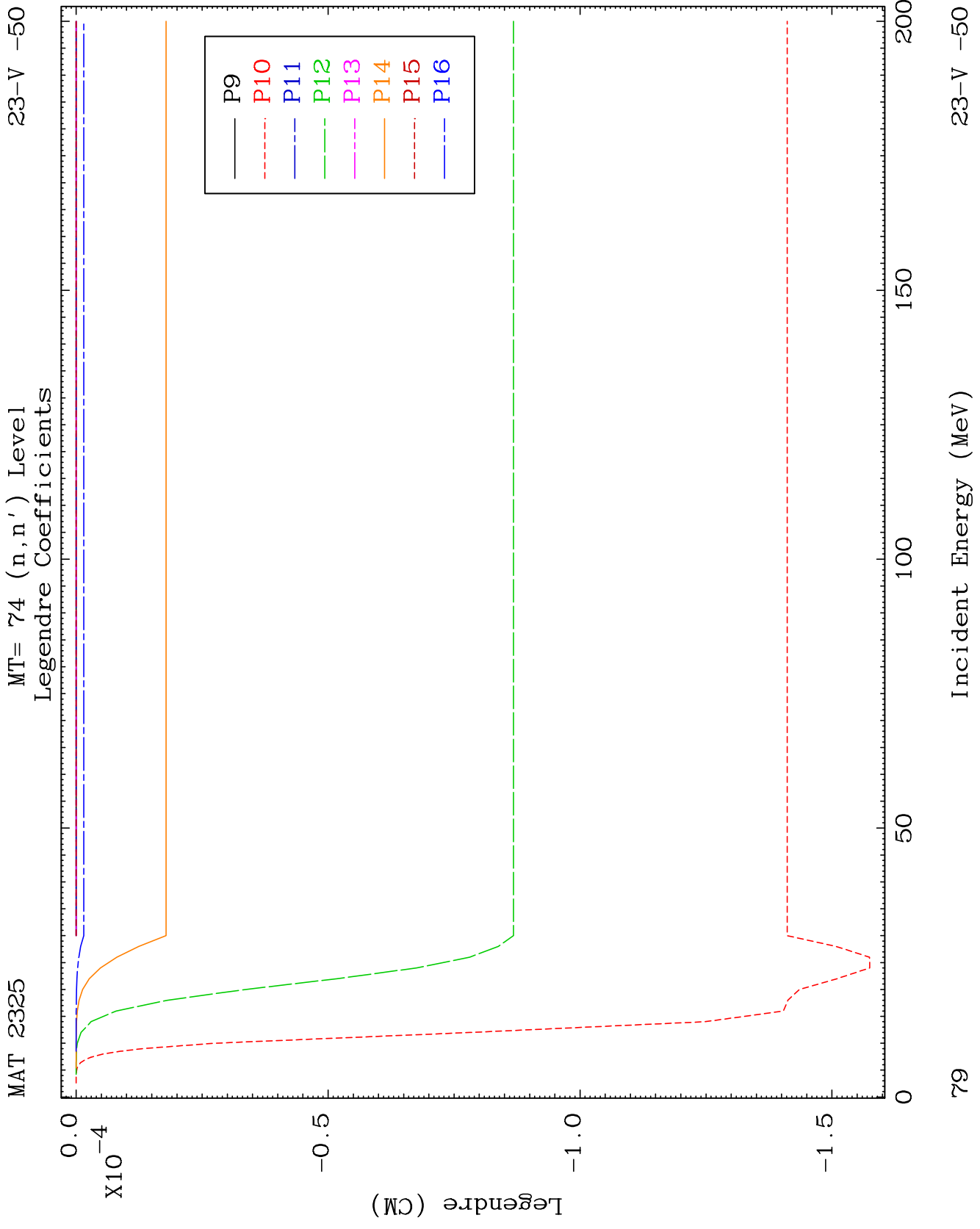


77

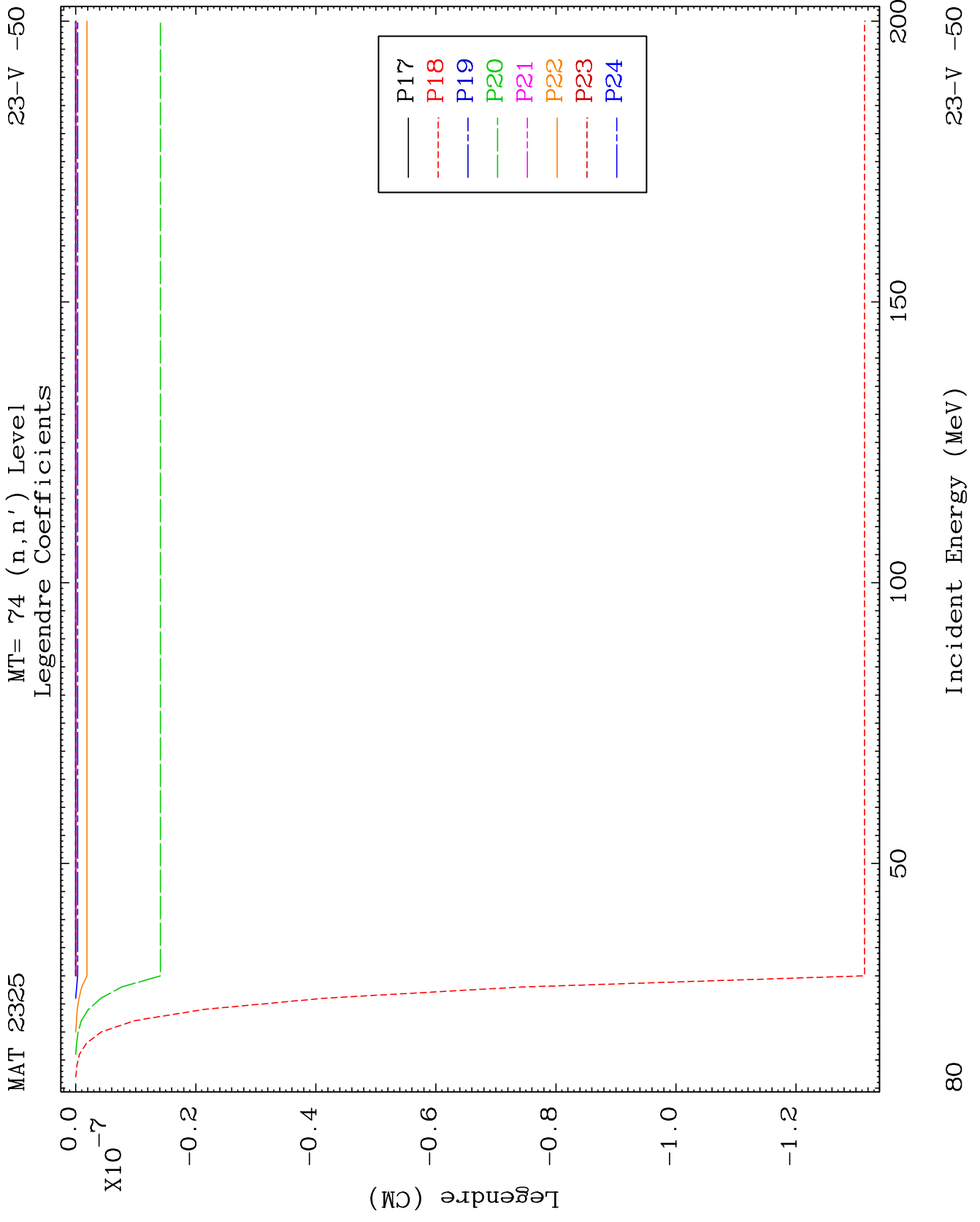
Incident Energy (MeV)

23-V -50





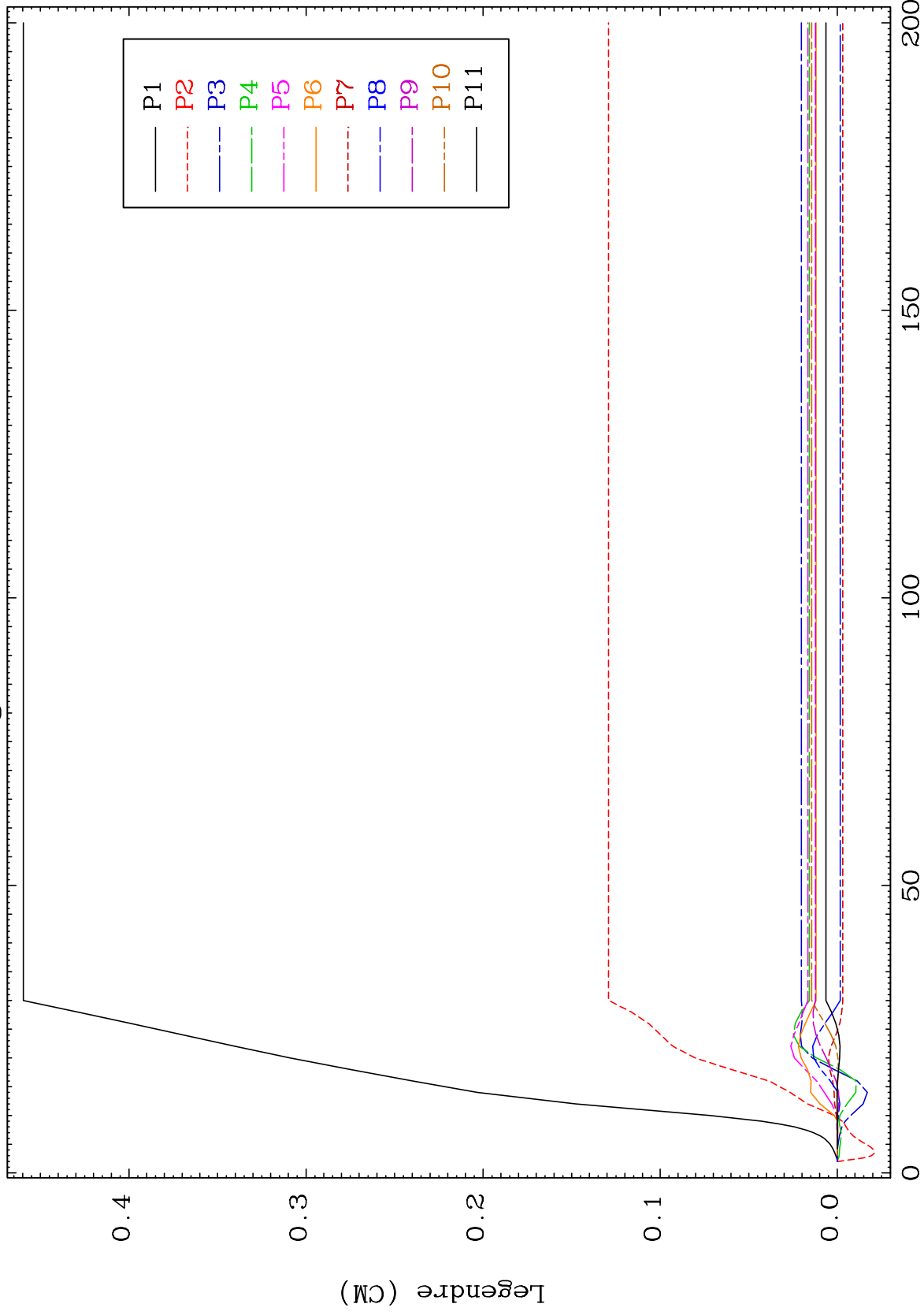




MAT 2325

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

23-V -50



81

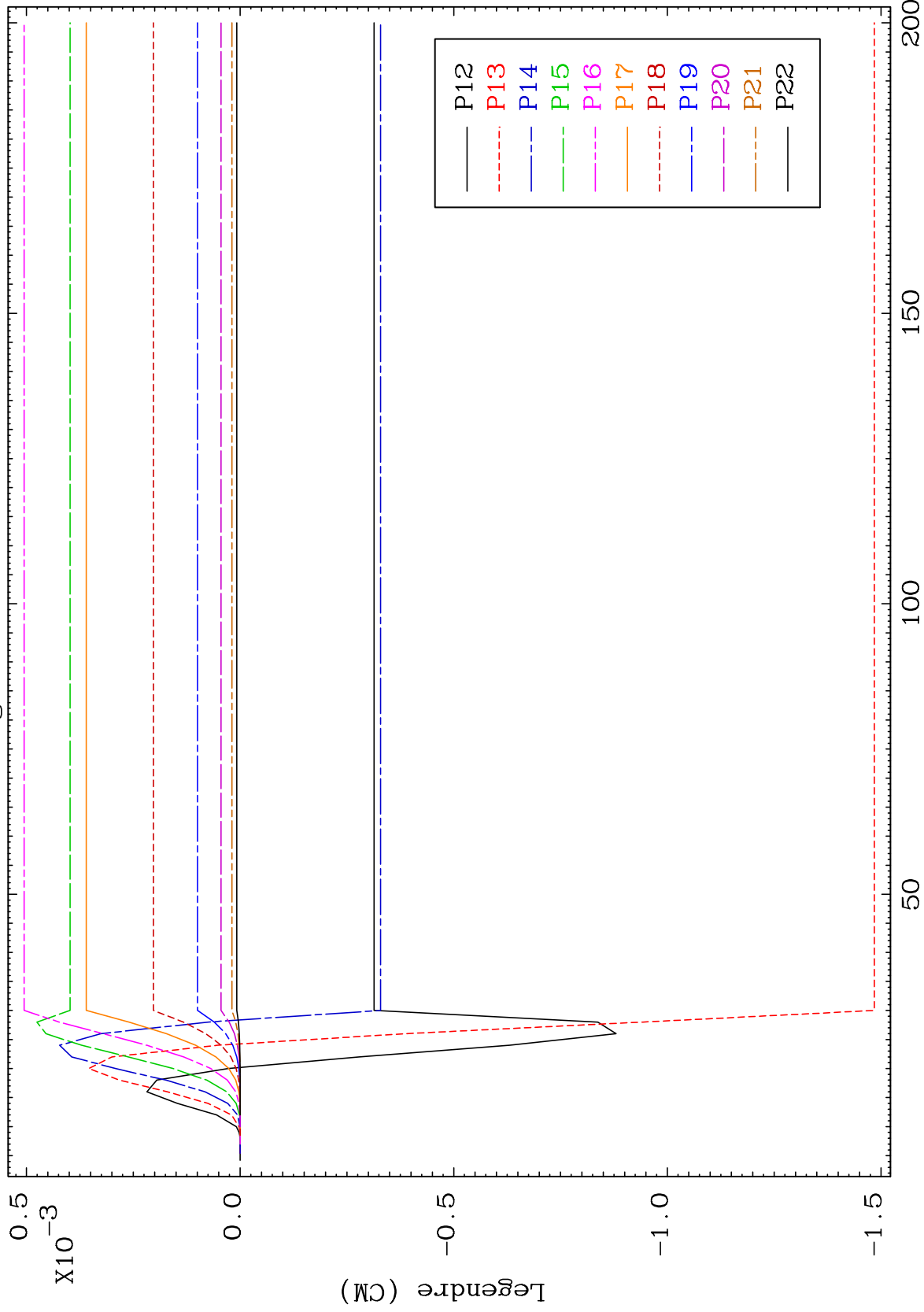
Incident Energy (MeV)

23-V -50

MAT 2325

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

23-V -50



82

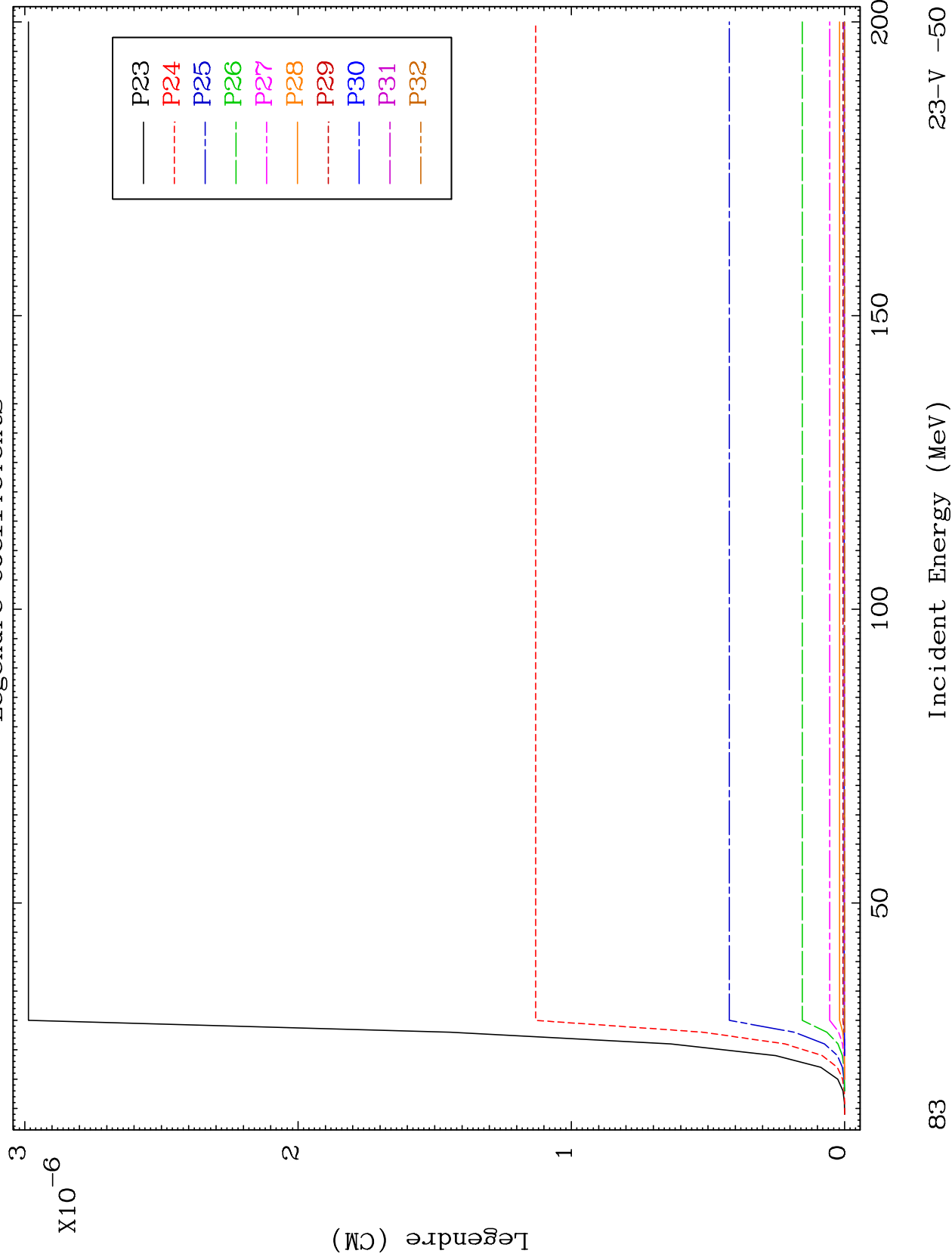
Incident Energy (MeV)

23-V -50

MAT 2325

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

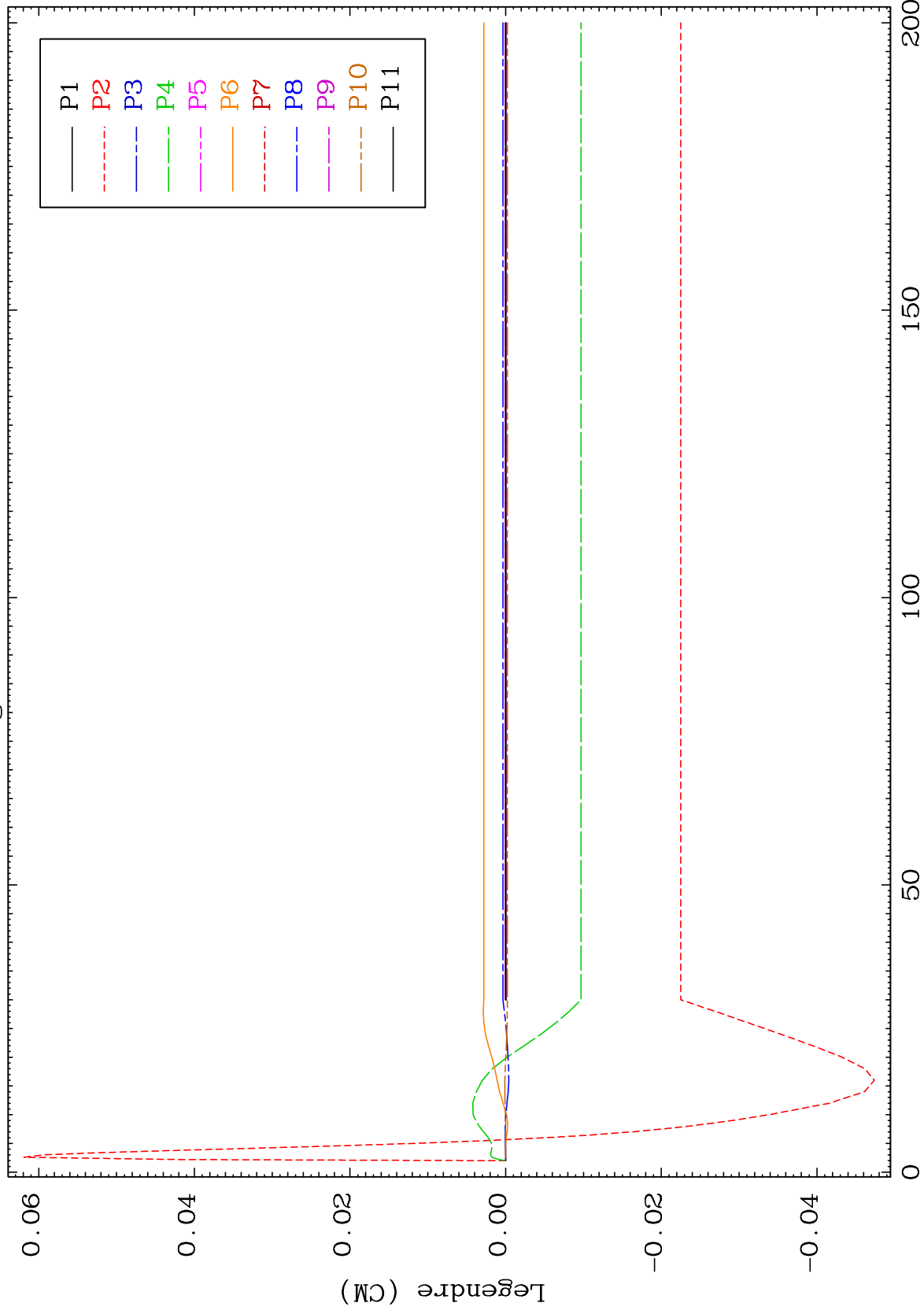
23-V -50



MAT 2325

MT= 76 (n,n') Level  
Legendre Coefficients

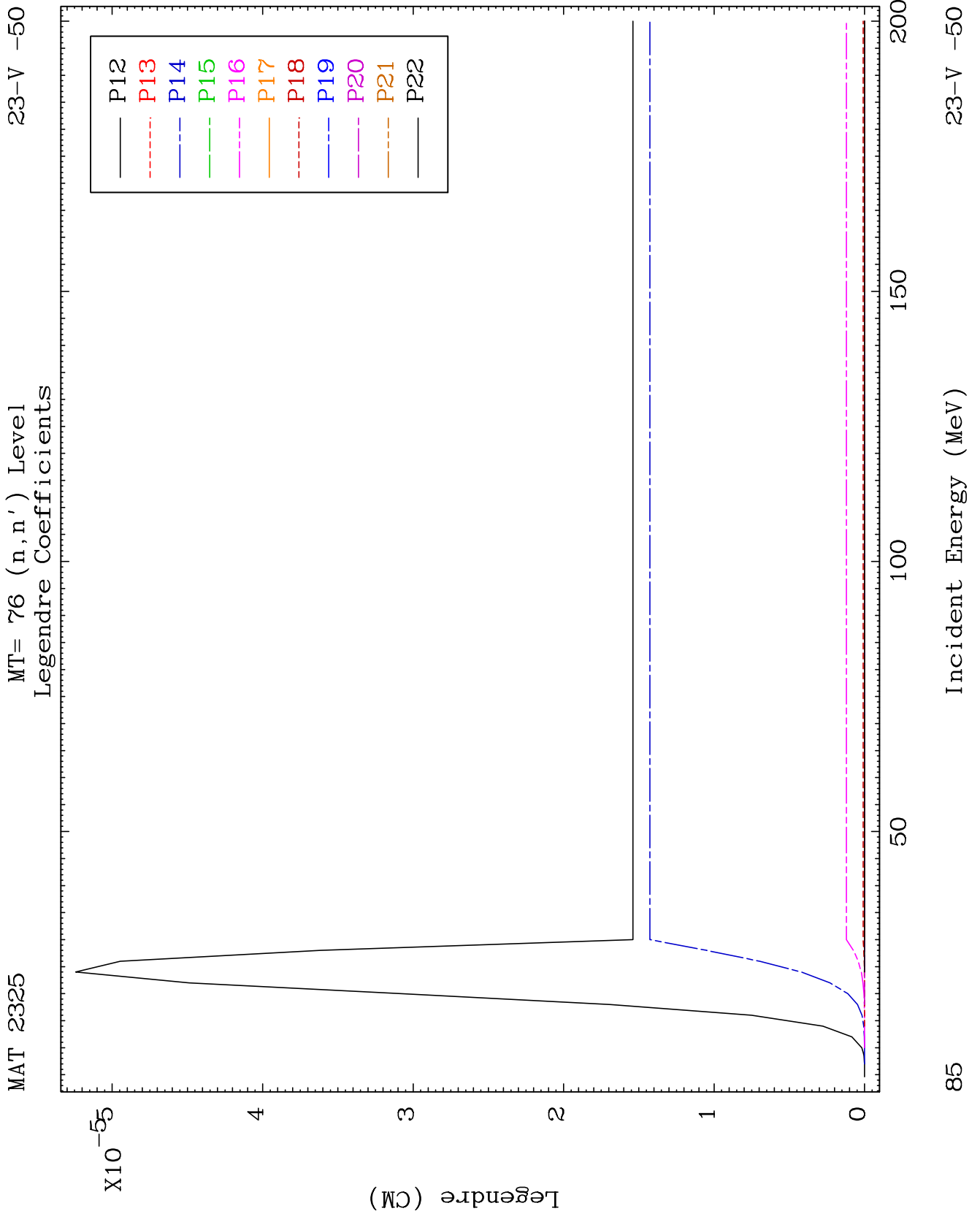
23-V -50



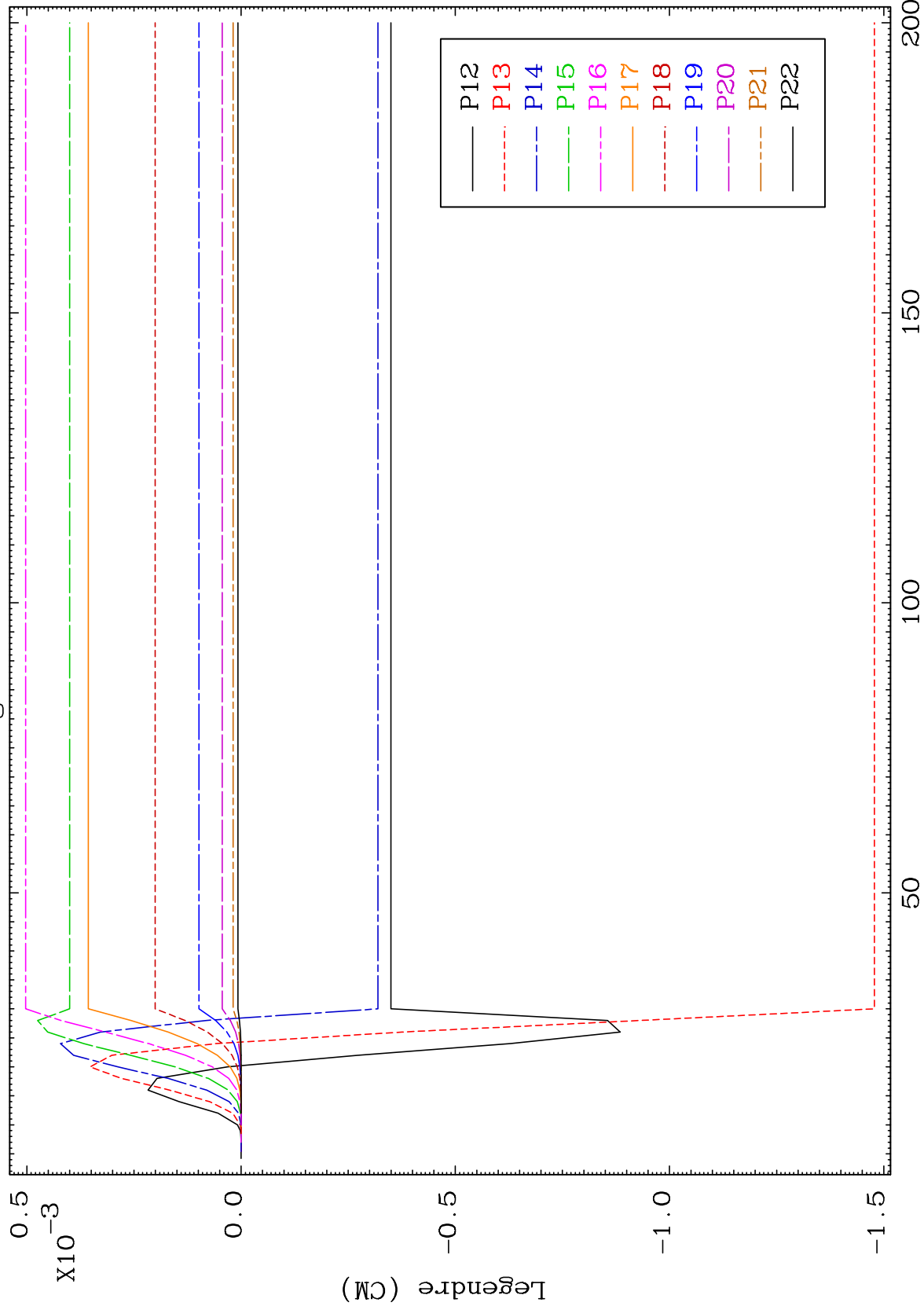
84

Incident Energy (MeV)

23-V -50





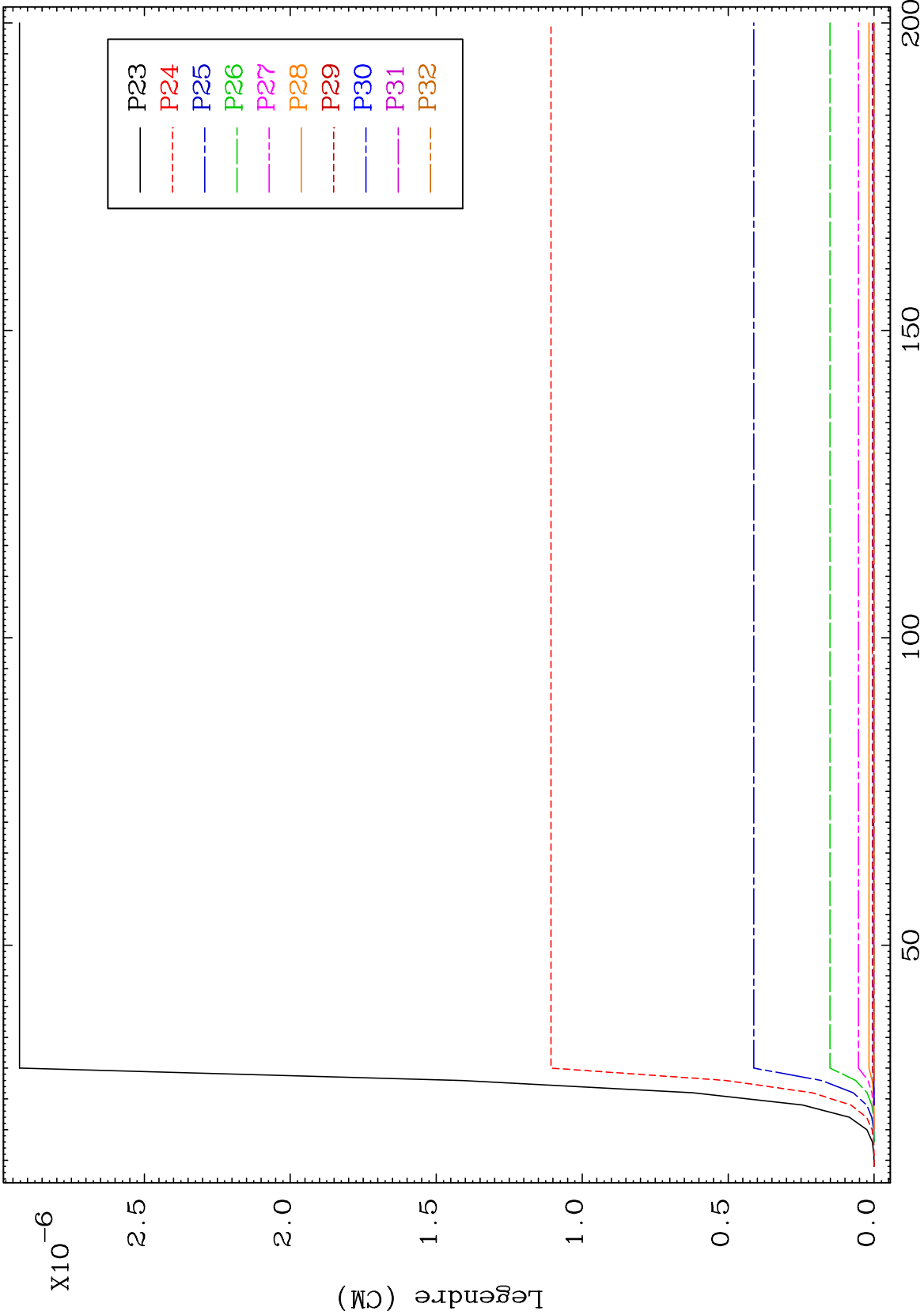




MAT 2325

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

23-V -50



88

Incident Energy (MeV)

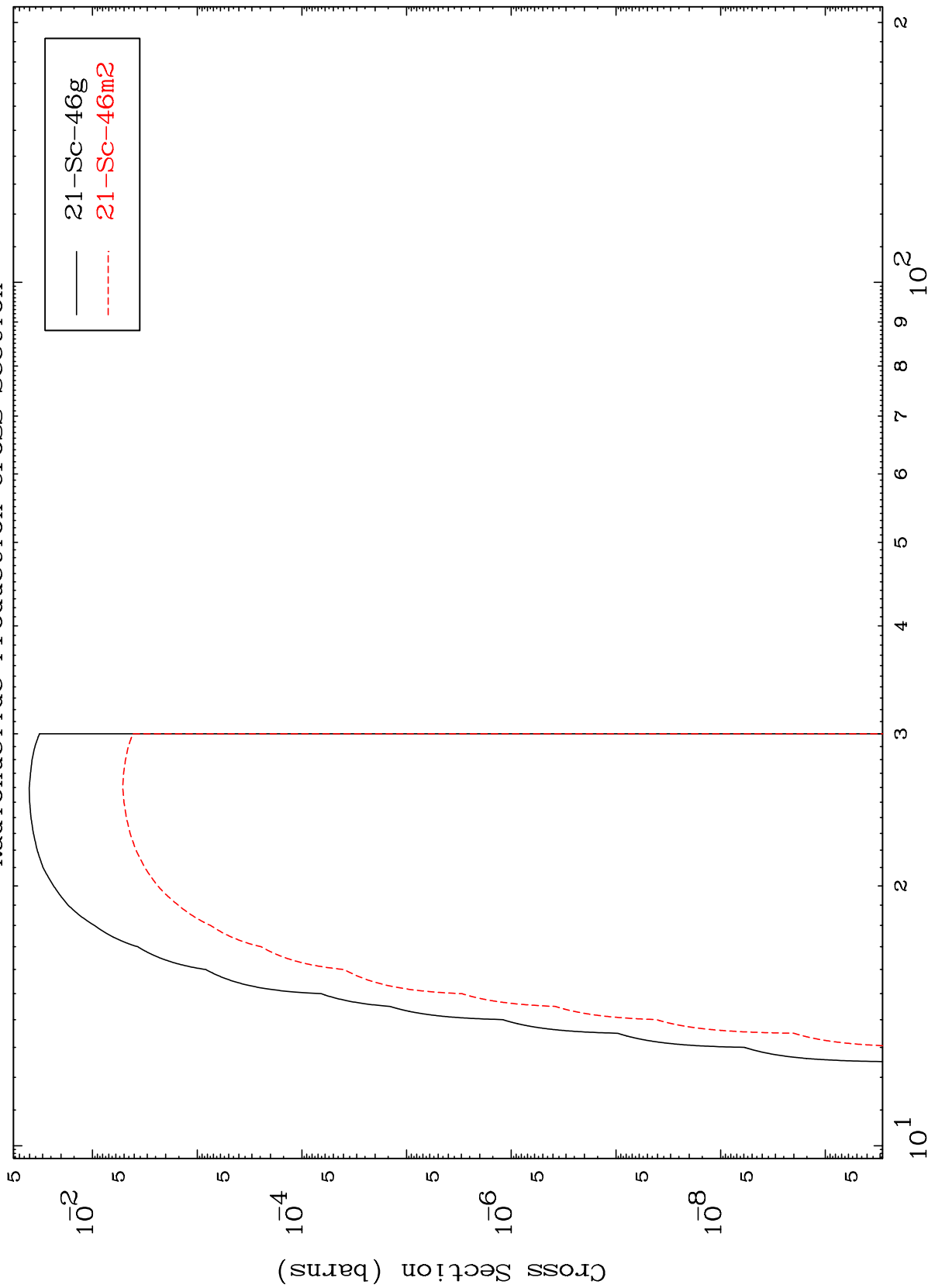
23-V -50

MAT 2325

$(n, n') \alpha$

23-V -50

Radionuclide Production Cross Section



89

Incident Energy (MeV)

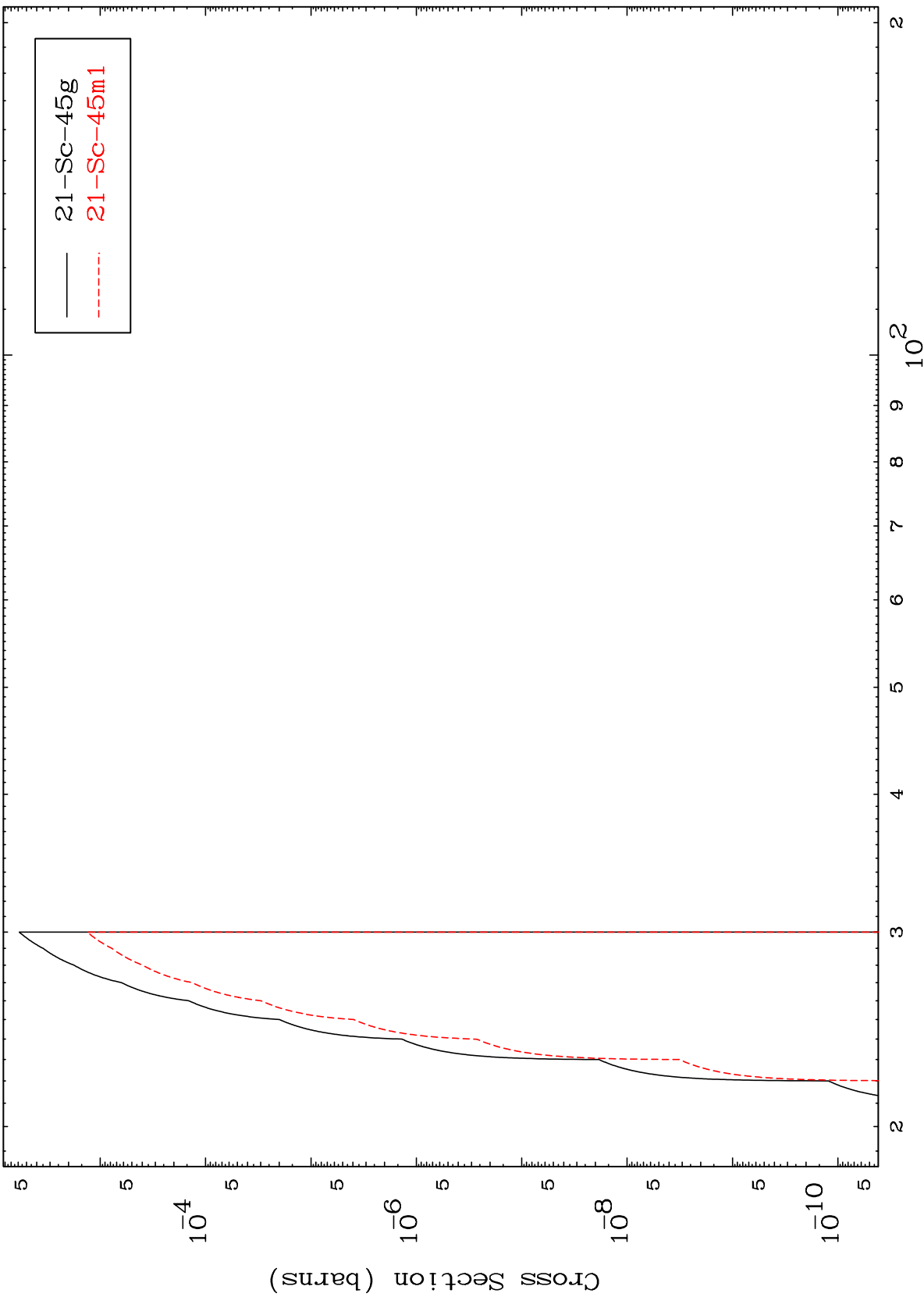
23-V -50

MAT 2325

(n,2n)  $\alpha$

23-V -50

Radionuclide Production Cross Section

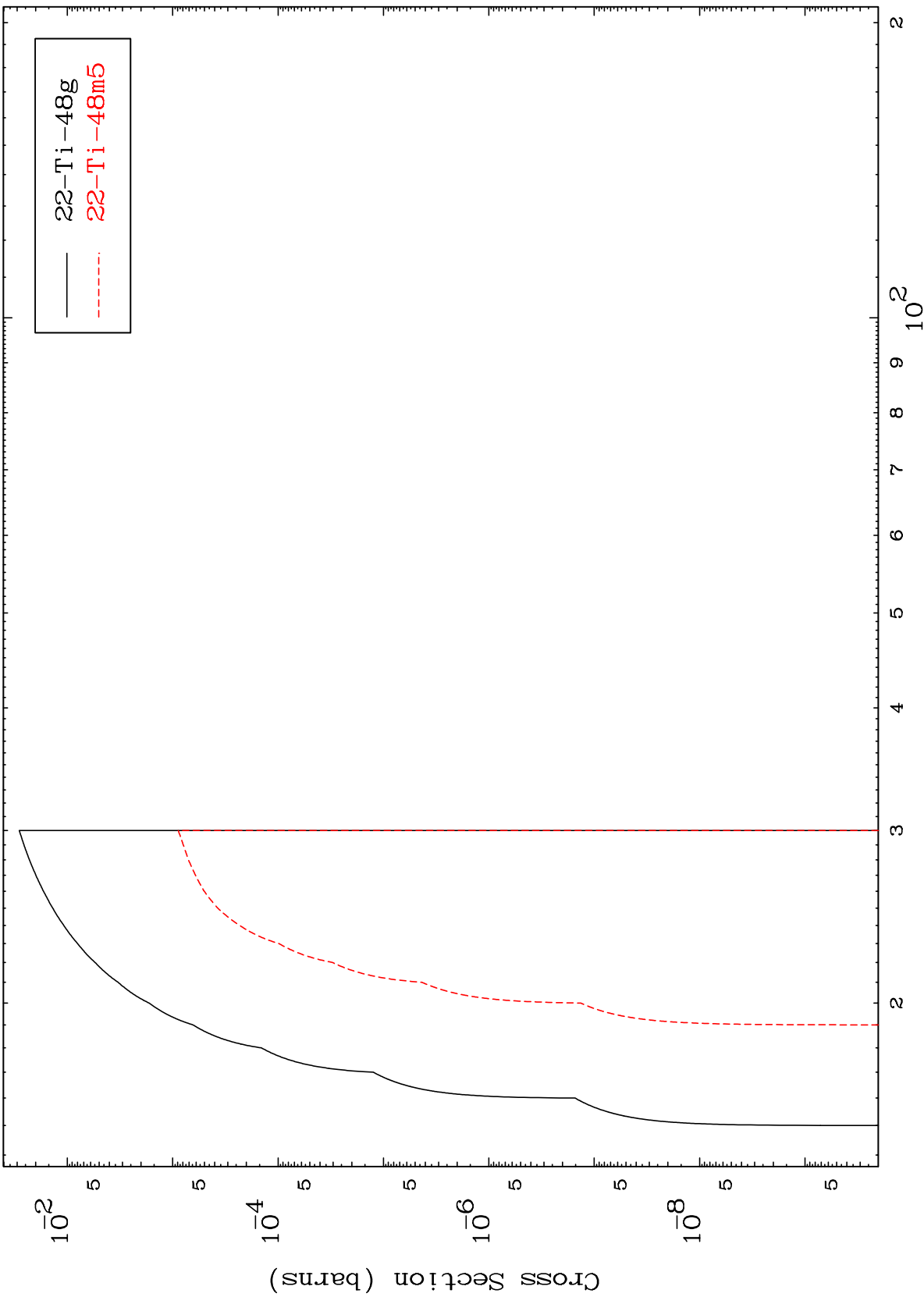


90

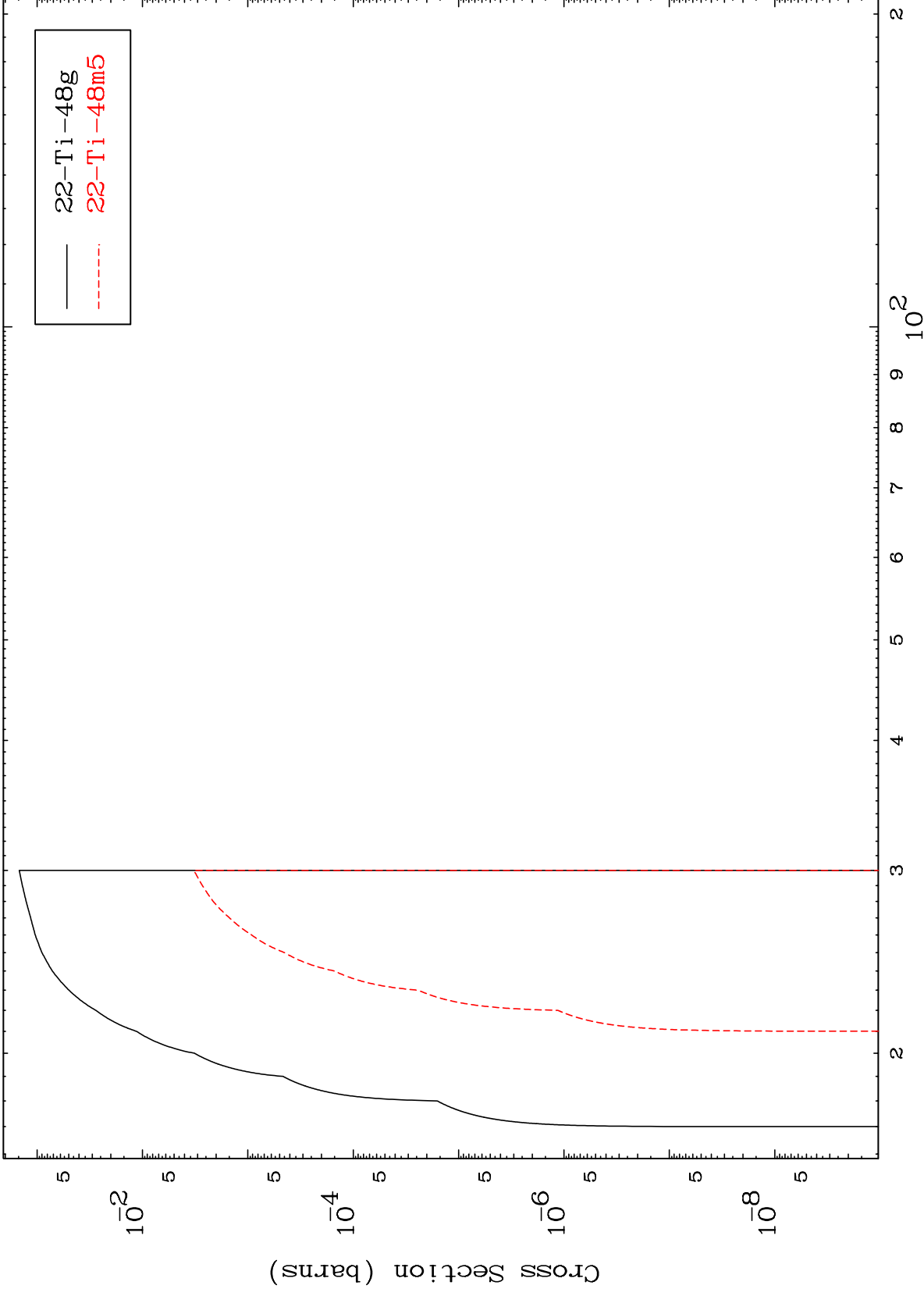
Incident Energy (MeV)

23-V -50

Radionuclide Production Cross Section



Radionuclide Production Cross Section

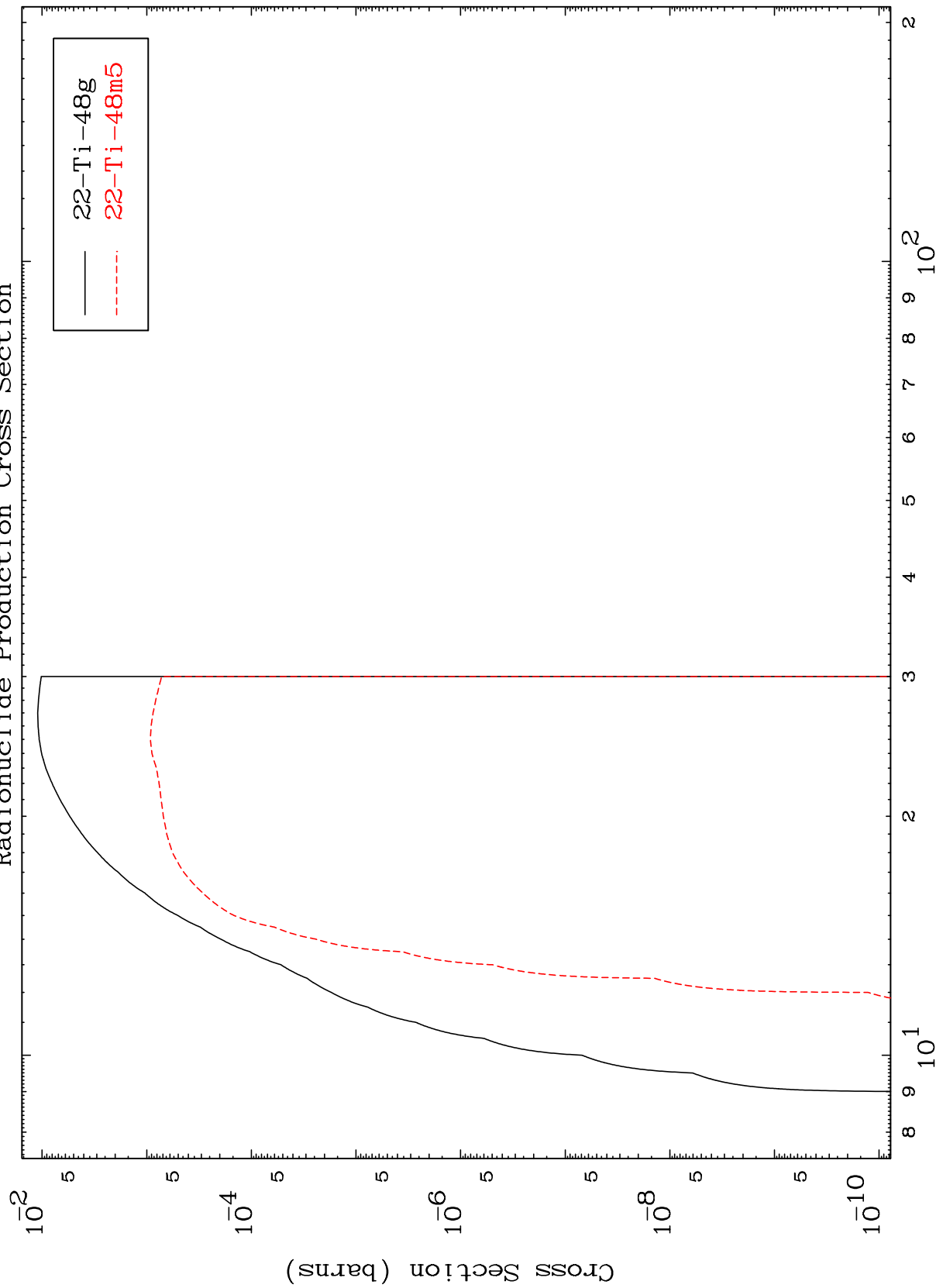


— 22-Ti-48g  
- - - 22-Ti-48m5

MAT 2325

23-V -50

(n,t)  
Radionuclide Production Cross Section



93

Incident Energy (MeV)

23-V -50