

Program EVALPLOT  
(Version 2017-1)

by

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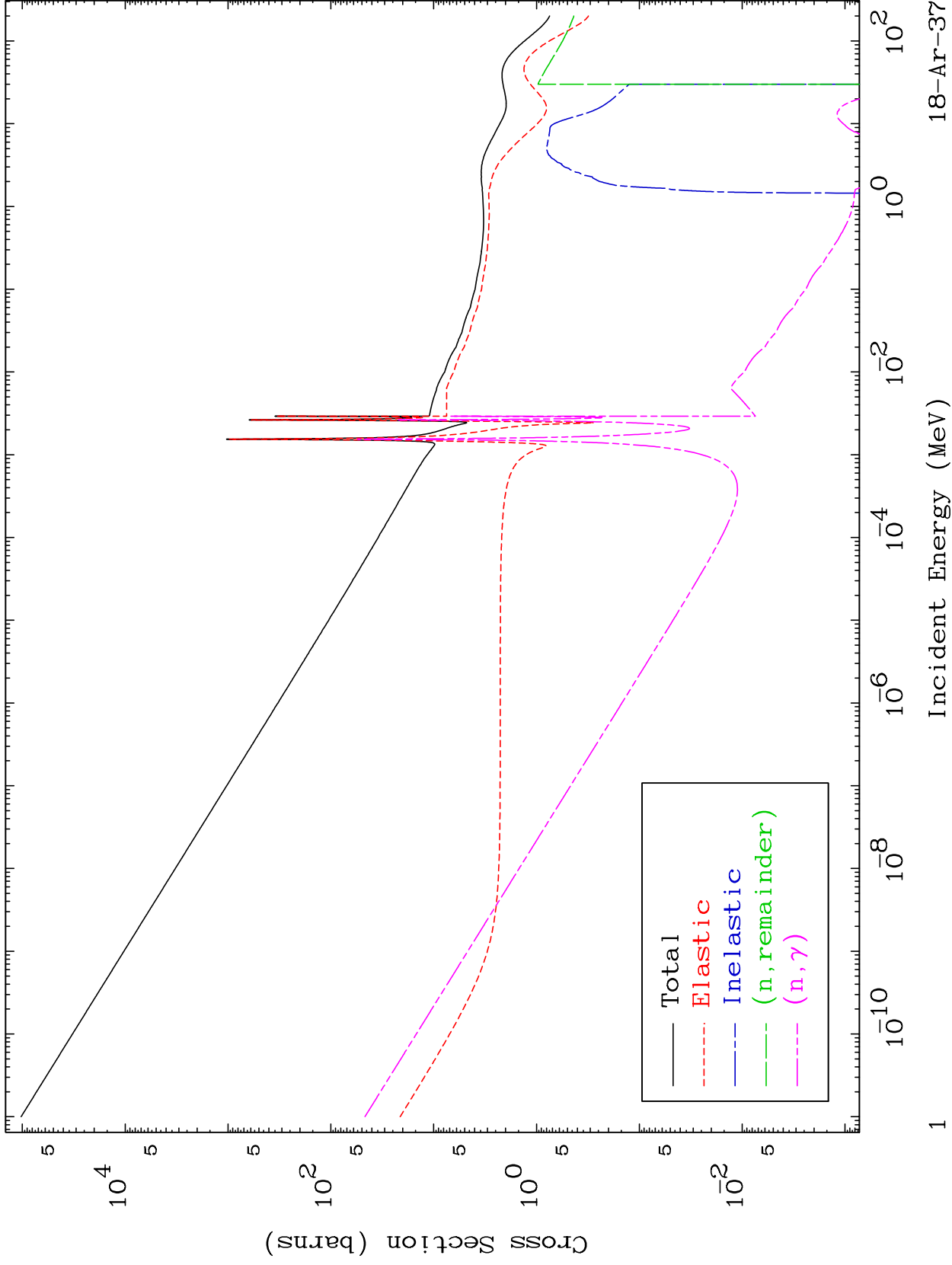
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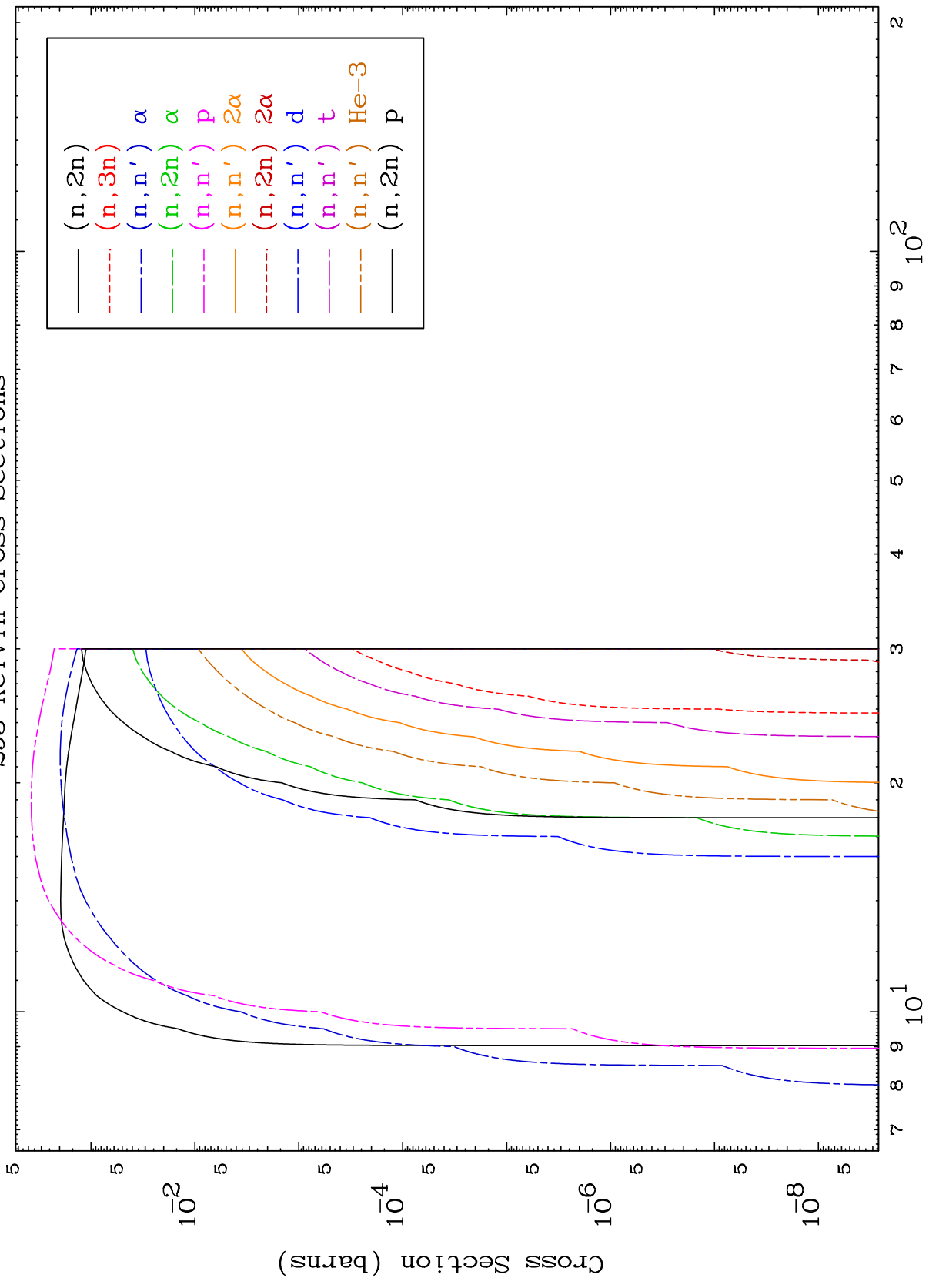
Press Mouse Button to Start

MAT 1828

Major  
293 Kelvin Cross Sections

18-Ar-37

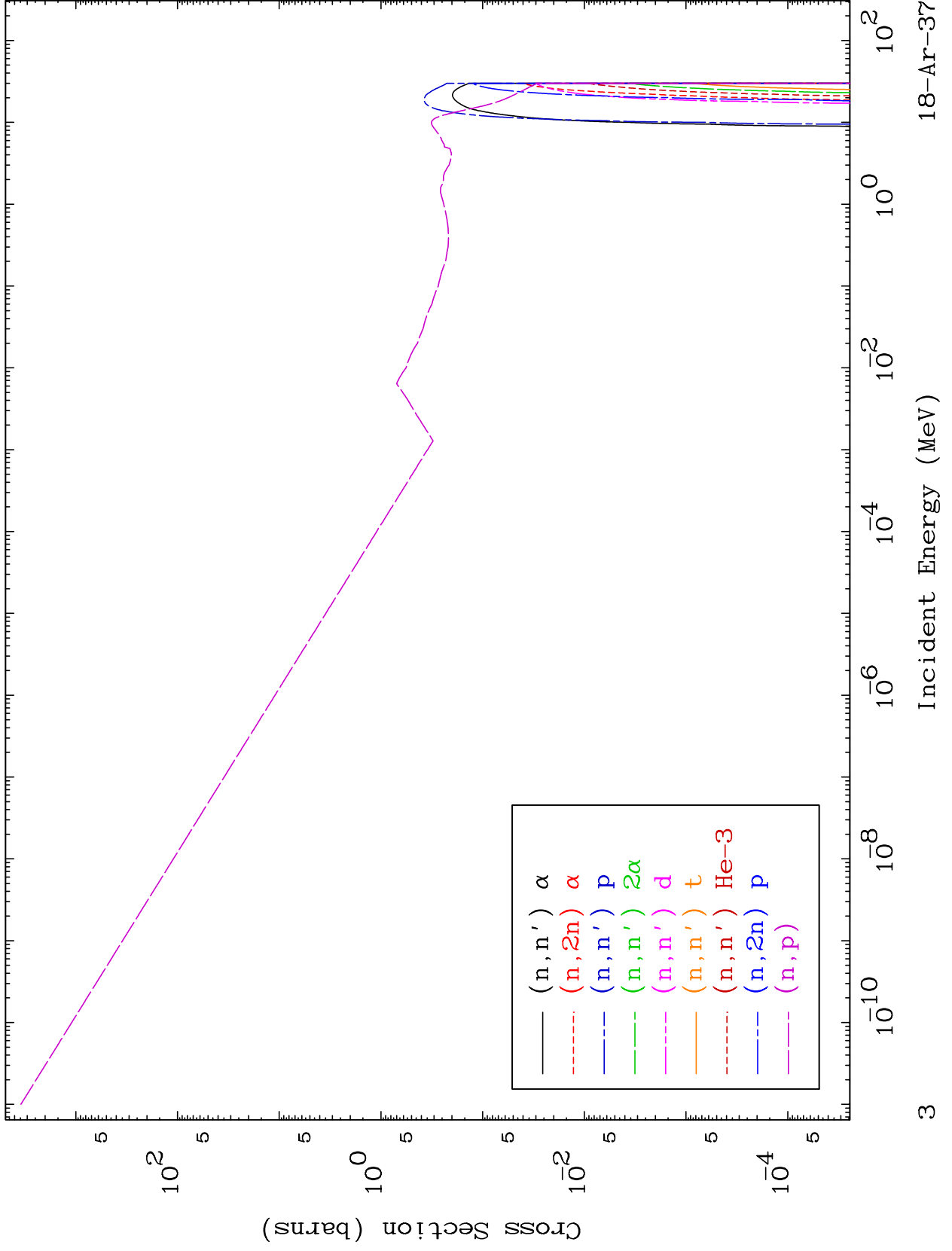




MAT 1828

Charged Particle  
293 Kelvin Cross Sections

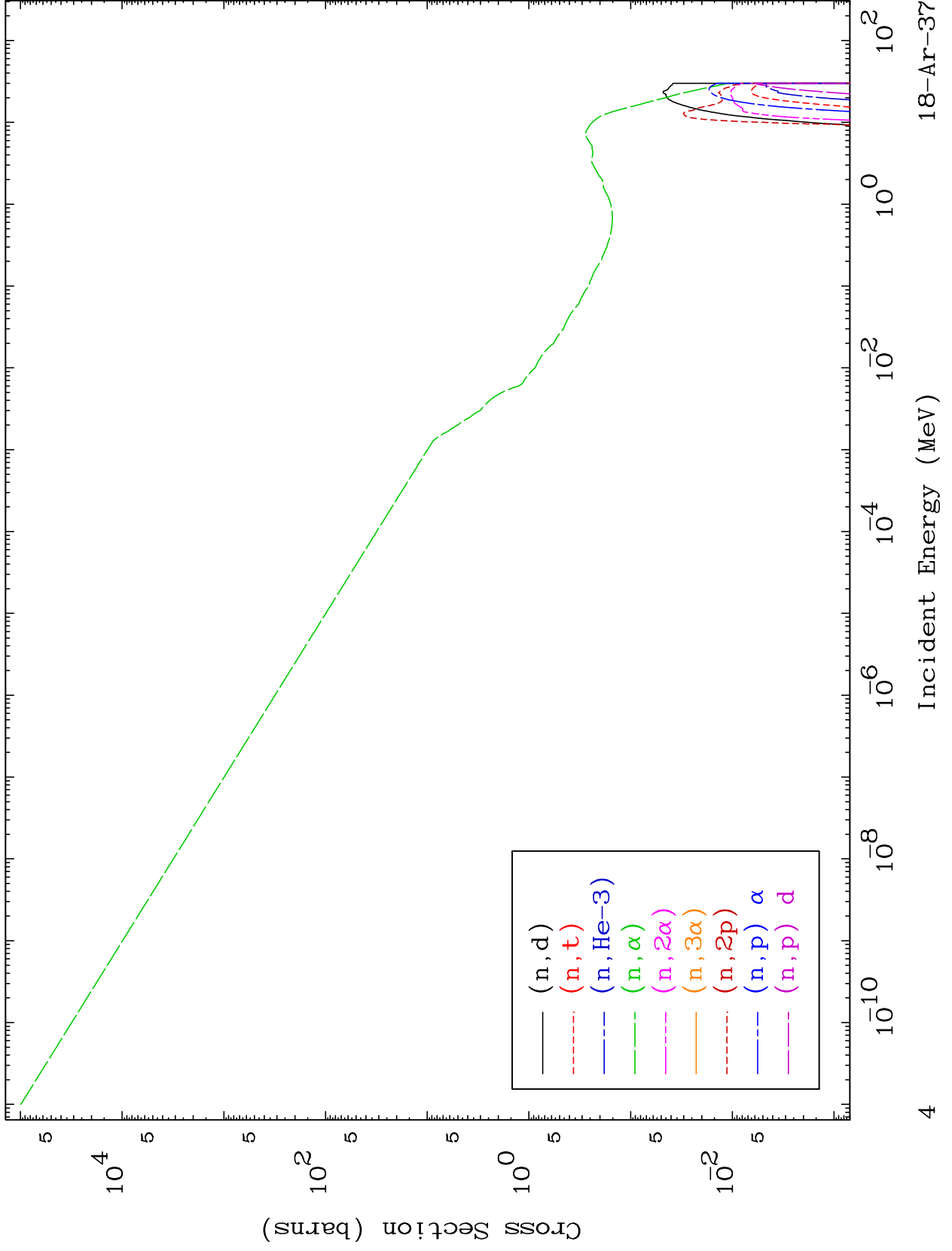
18-Ar-37

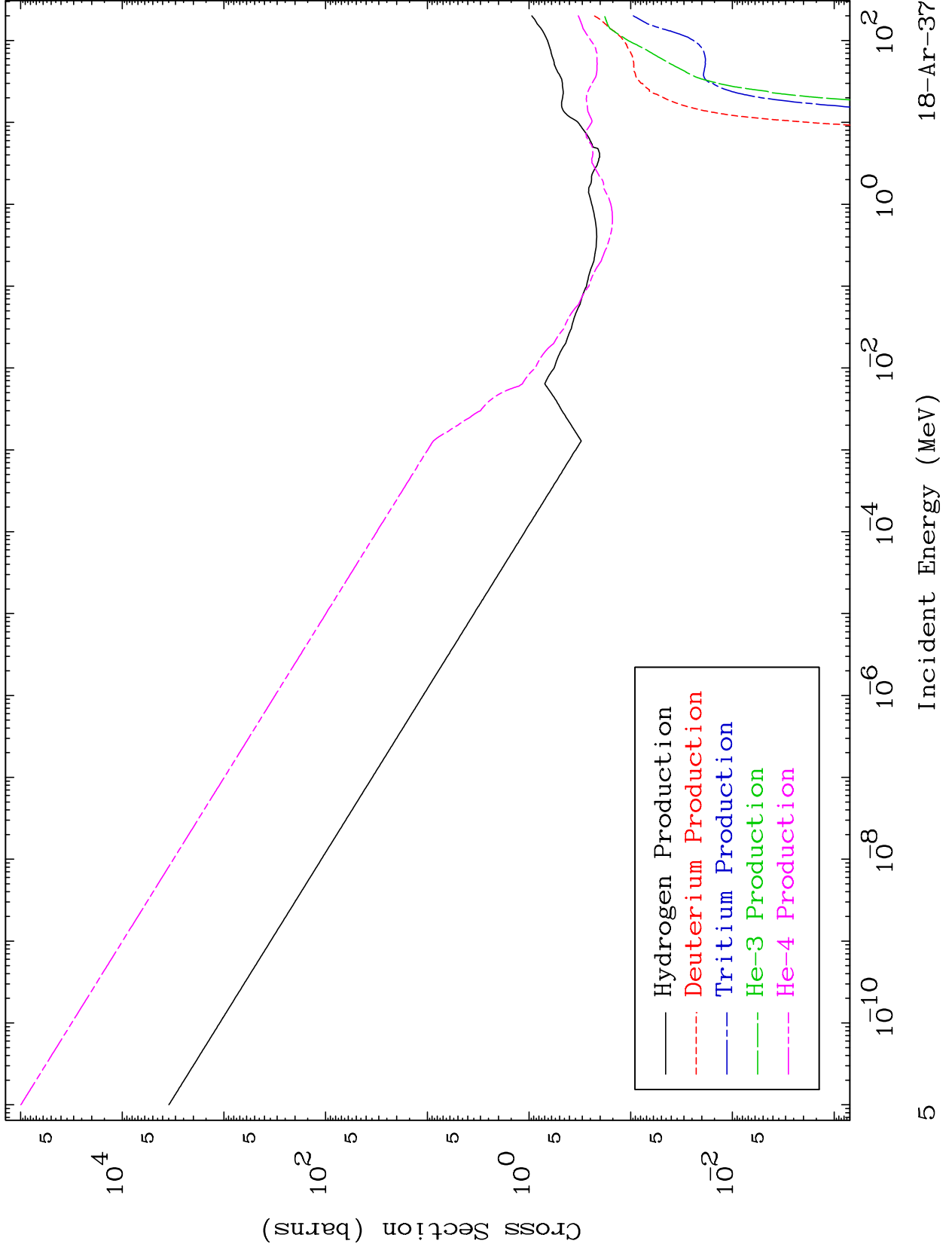


MAT 1828

Charged Particle  
293 Kelvin Cross Sections

18-Ar-37



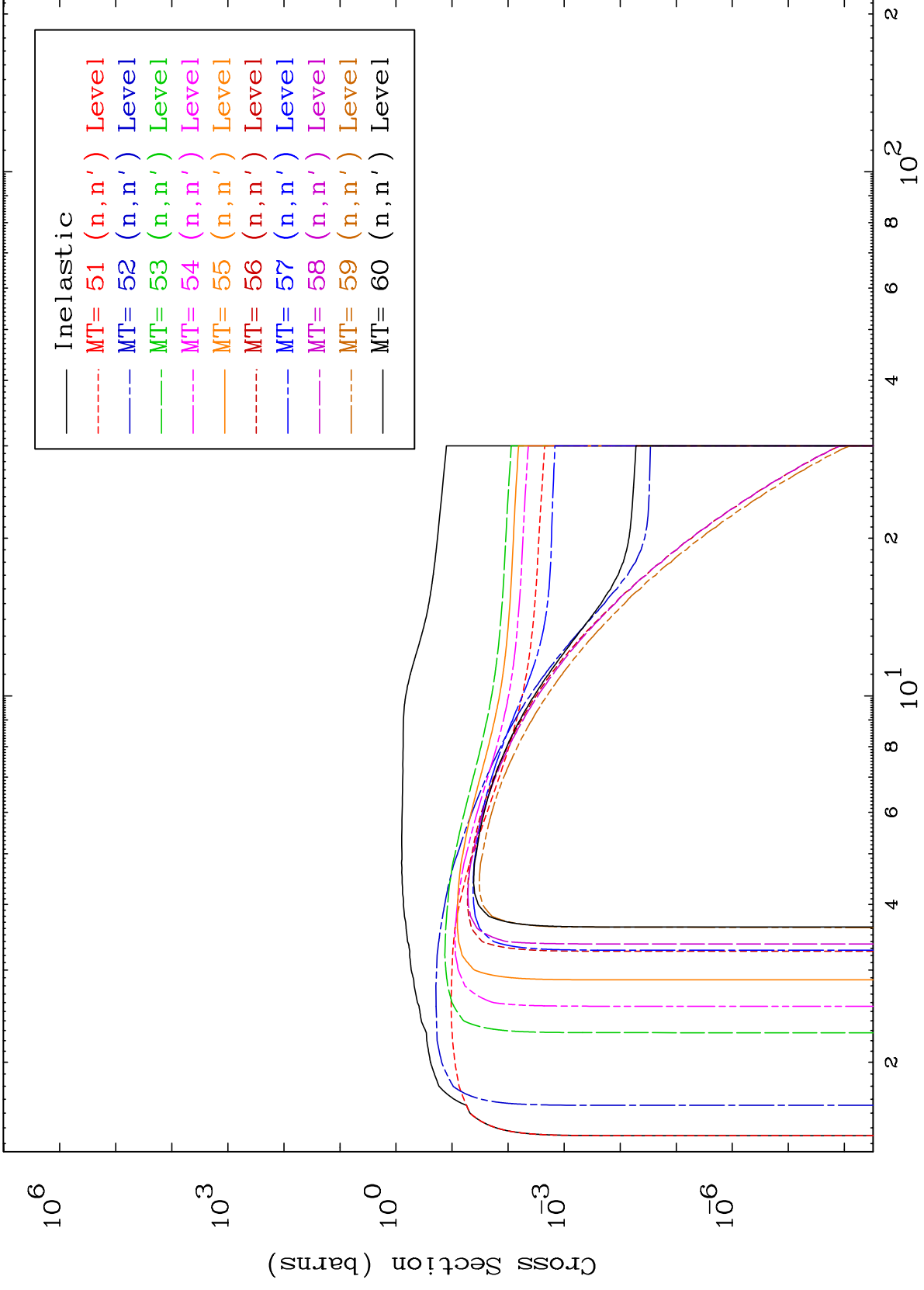


MAT 1828

(n,n') Level

18-Ar-37

293 Kelvin Cross Sections



6

Incident Energy (MeV)

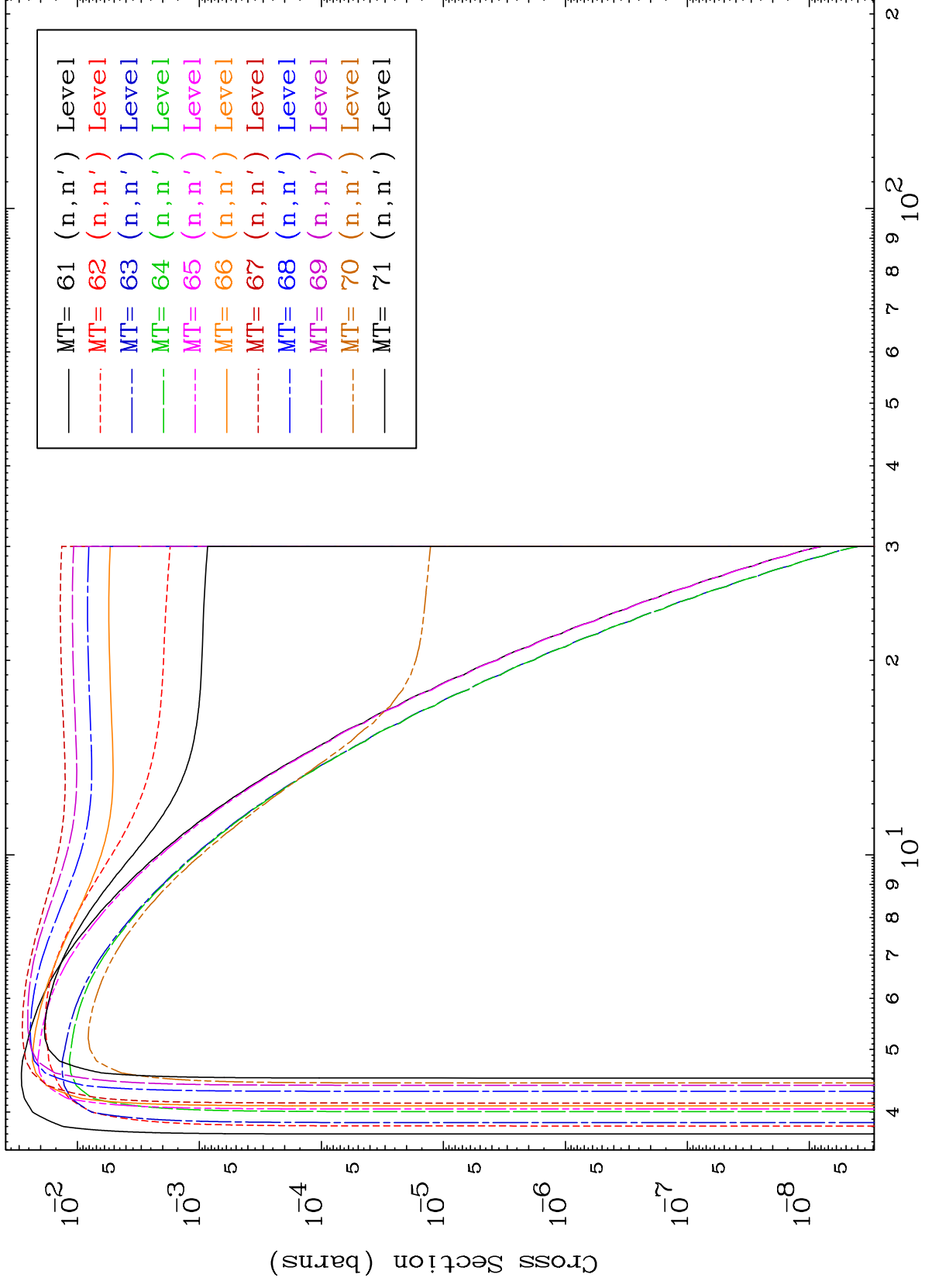
18-Ar-37

MAT 1828

(n,n') Level

18-Ar-37

293 Kelvin Cross Sections



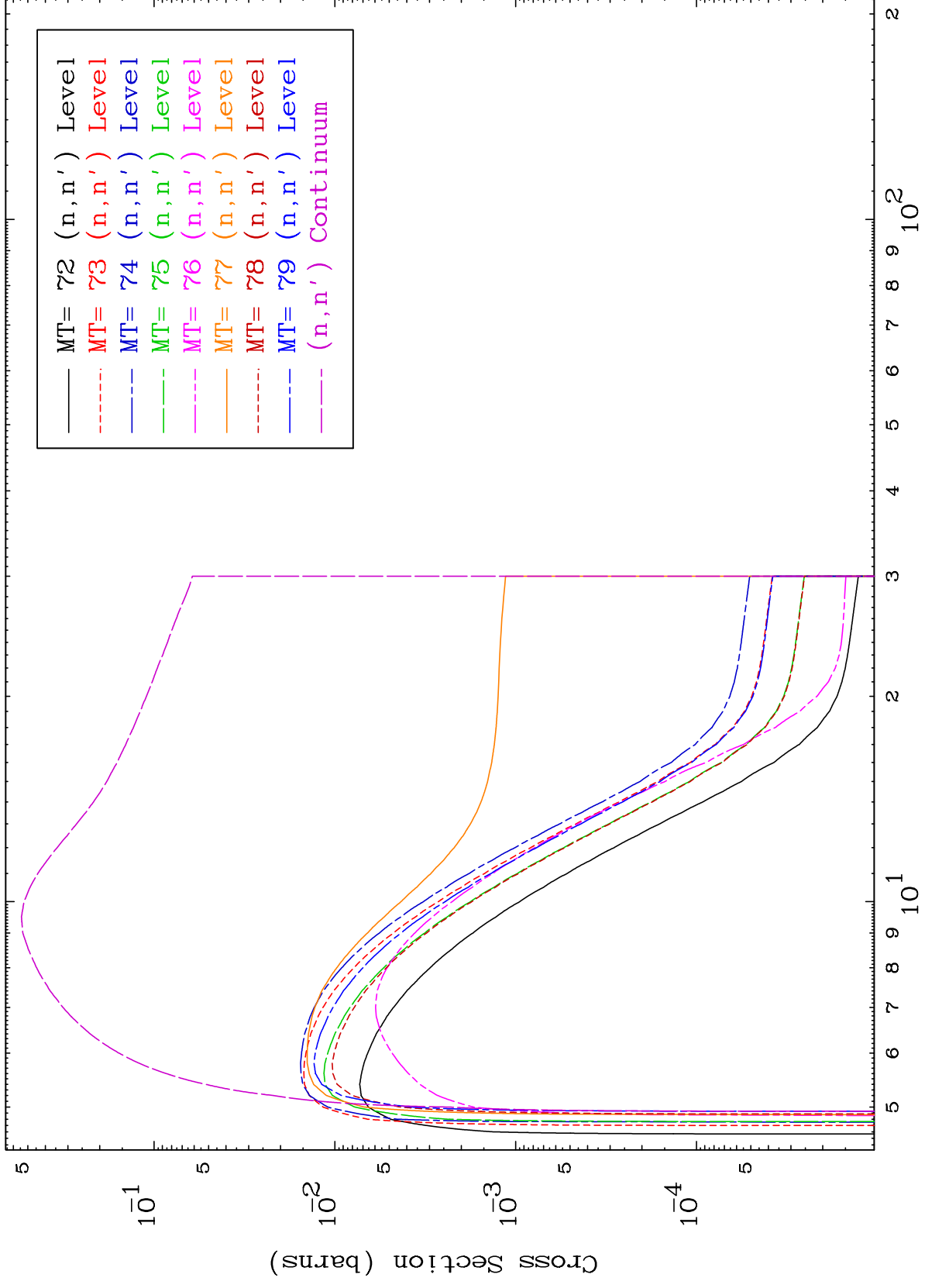
7

Incident Energy (MeV)

18-Ar-37



293 Kelvin Cross Sections

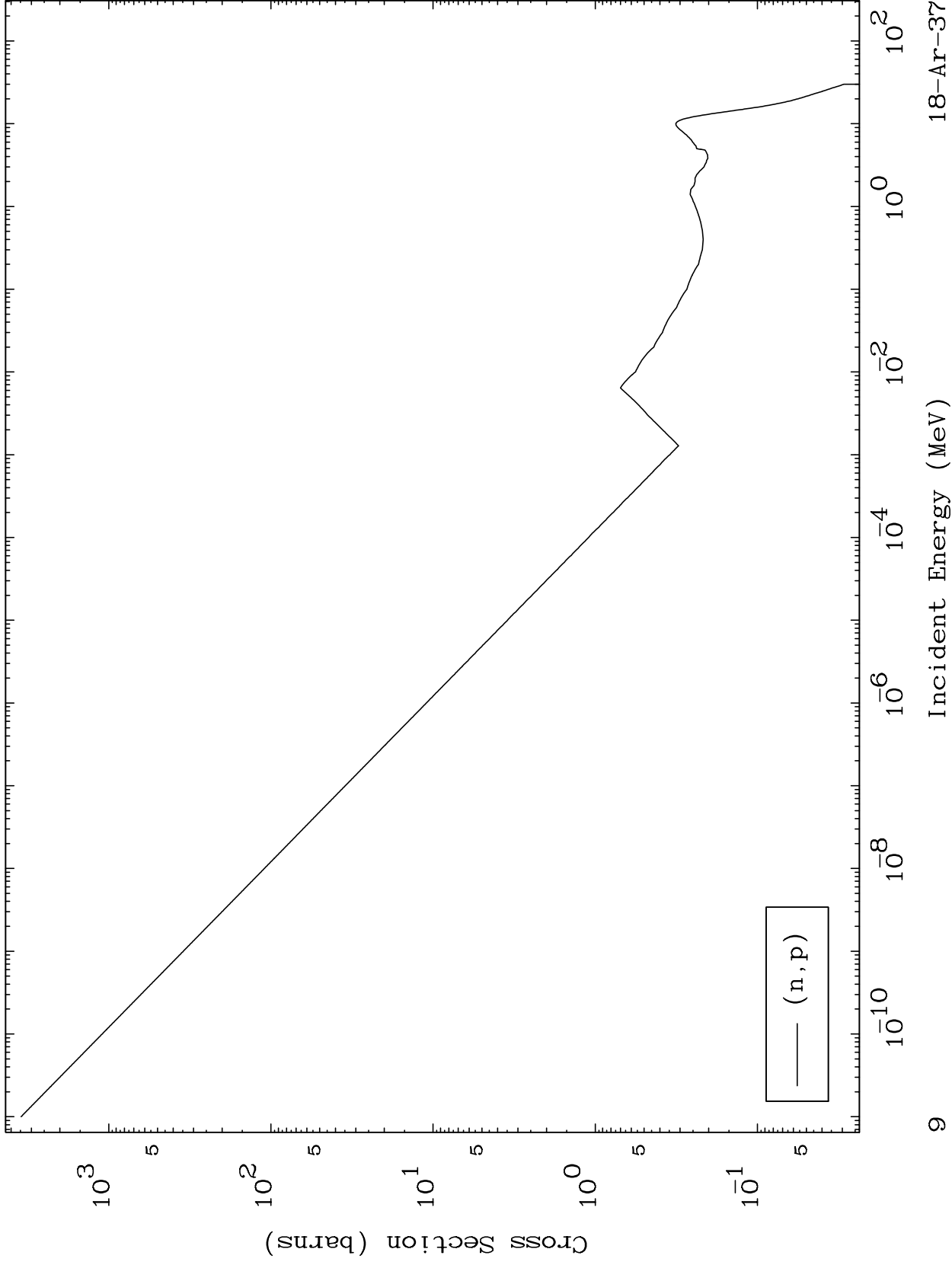


—	MT= 72	(n, n')	Level
- - -	MT= 73	(n, n')	Level
- · - ·	MT= 74	(n, n')	Level
- - - -	MT= 75	(n, n')	Level
- · - ·	MT= 76	(n, n')	Level
—	MT= 77	(n, n')	Level
- - -	MT= 78	(n, n')	Level
- · - ·	MT= 79	(n, n')	Level
- - - -	(n, n')	Continuum	

MAT 1828

(n,p) Levels  
293 Kelvin Cross Sections

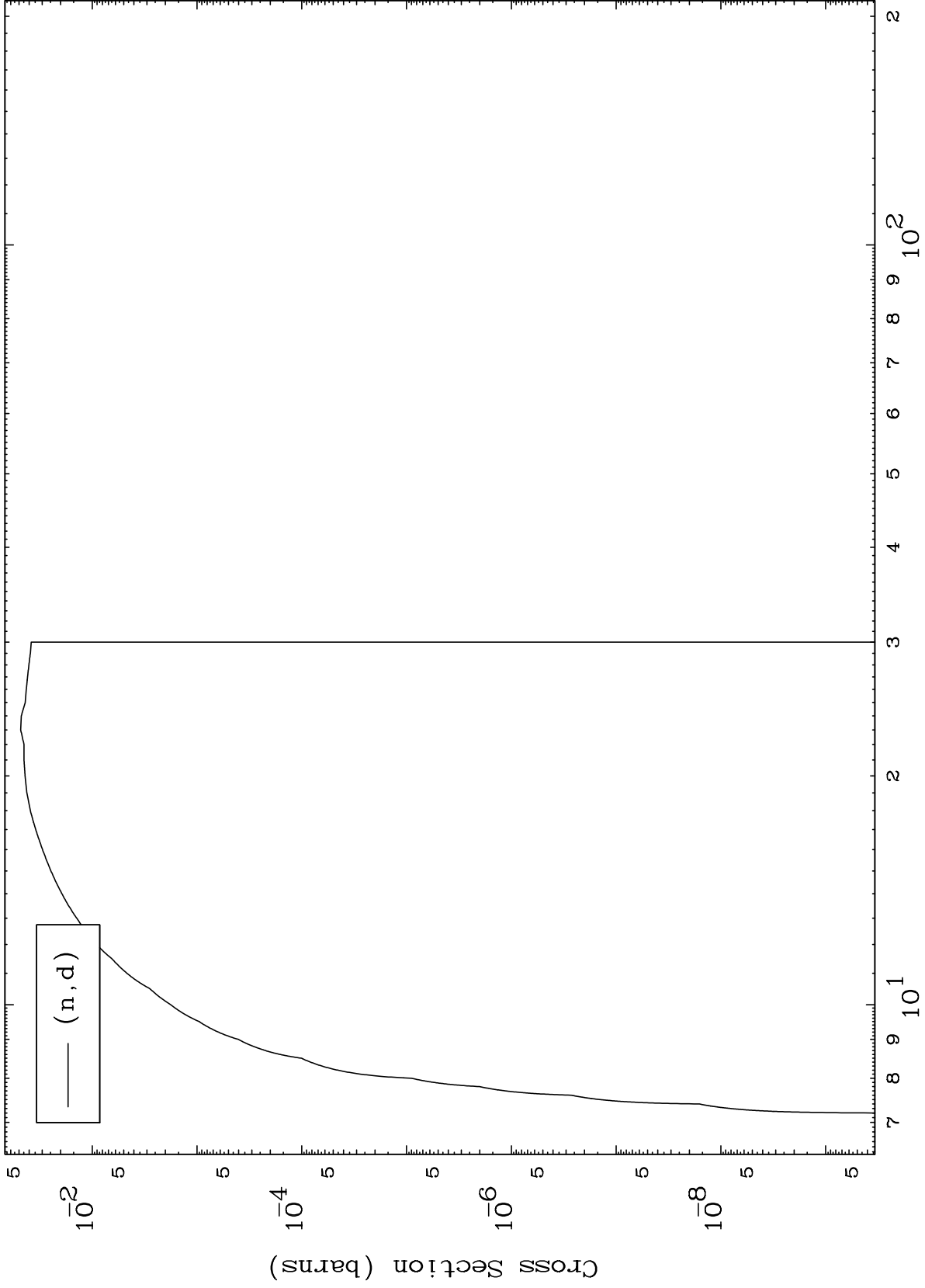
18-Ar-37



MAT 1828

(n,d) Levels  
293 Kelvin Cross Sections

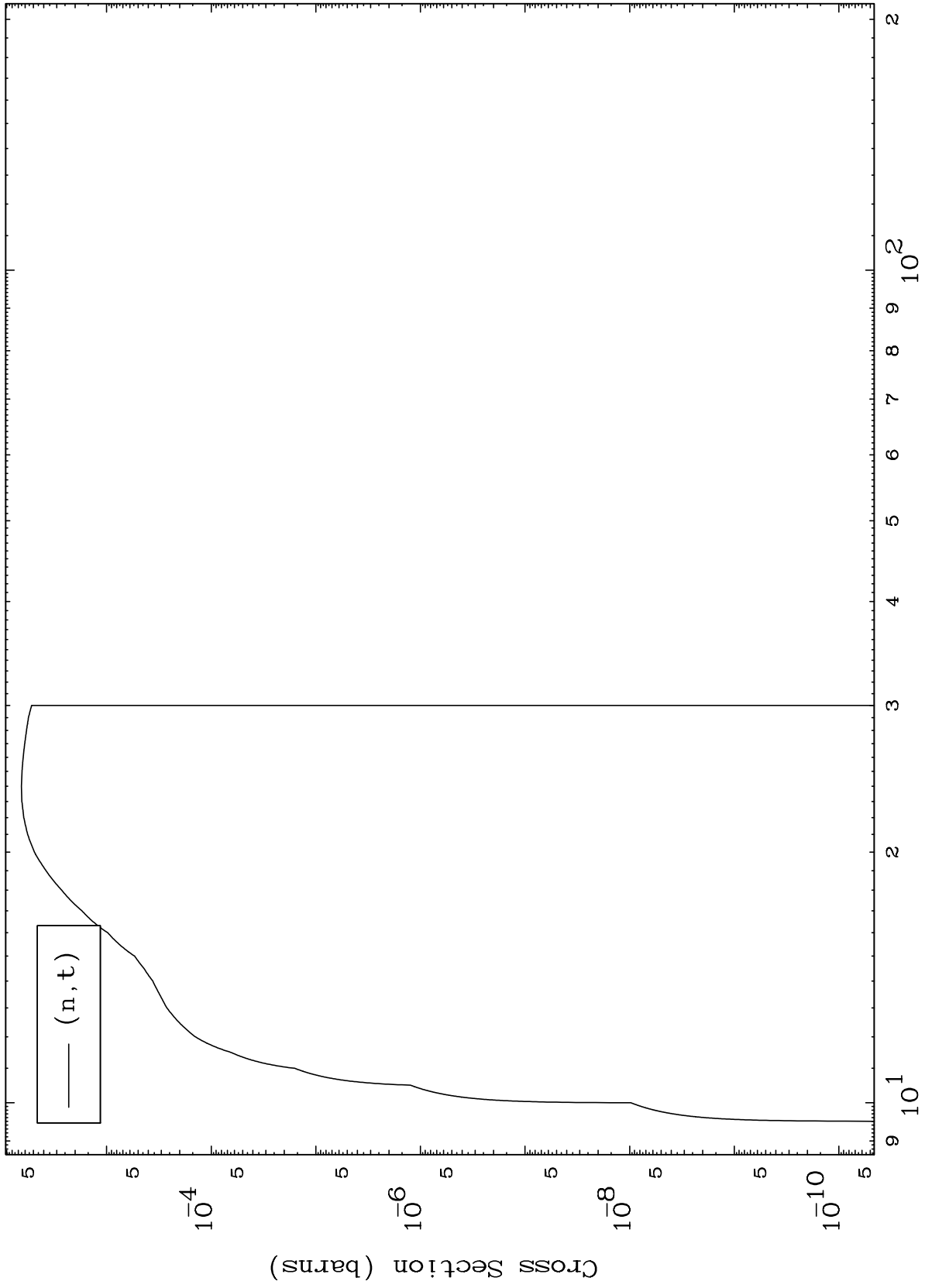
18-Ar-37



MAT 1828

(n,t) Levels  
293 Kelvin Cross Sections

18-Ar-37



11

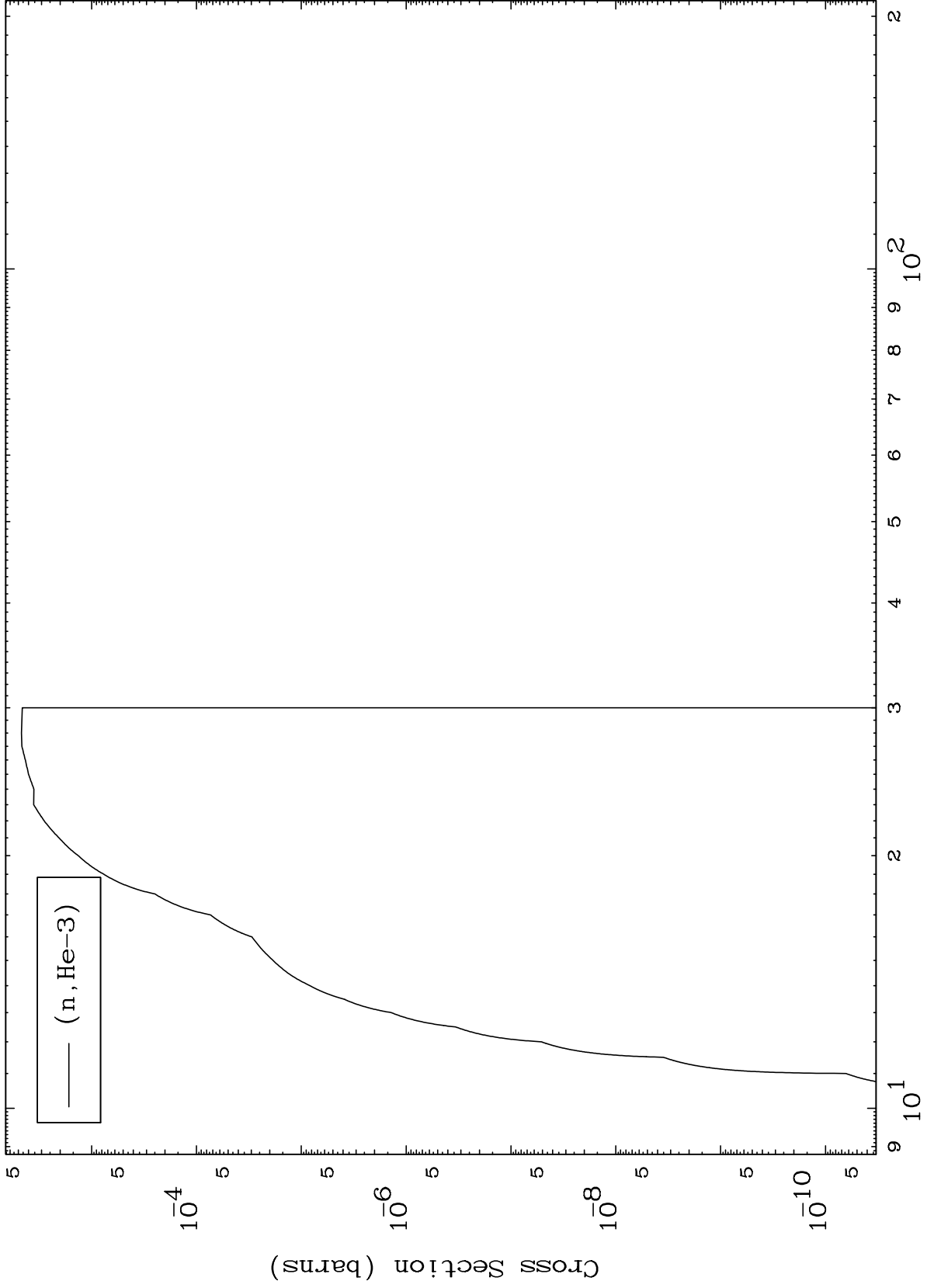
Incident Energy (MeV)

18-Ar-37

MAT 1828

(n,He3) Levels  
293 Kelvin Cross Sections

18-Ar-37



12

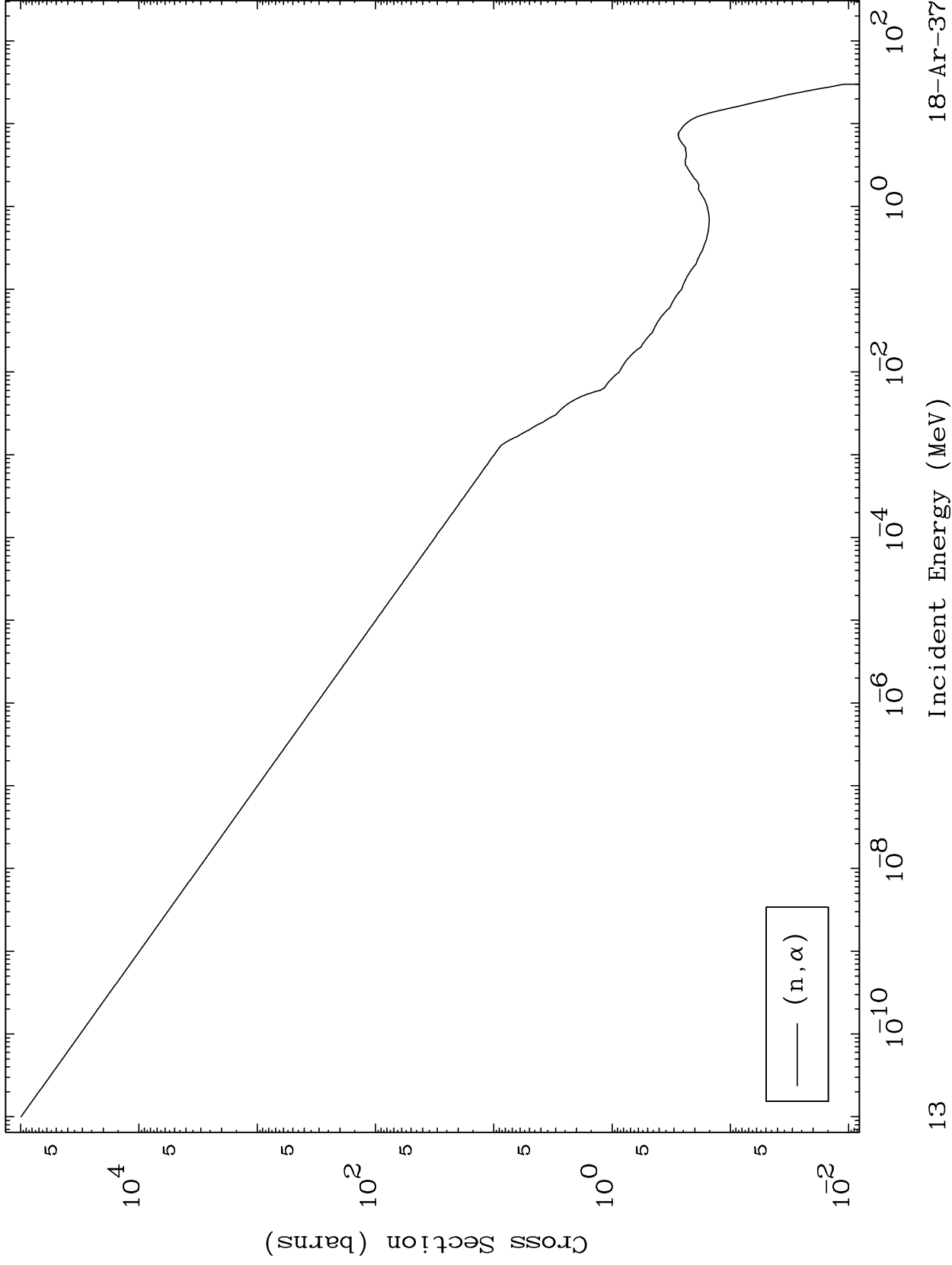
Incident Energy (MeV)

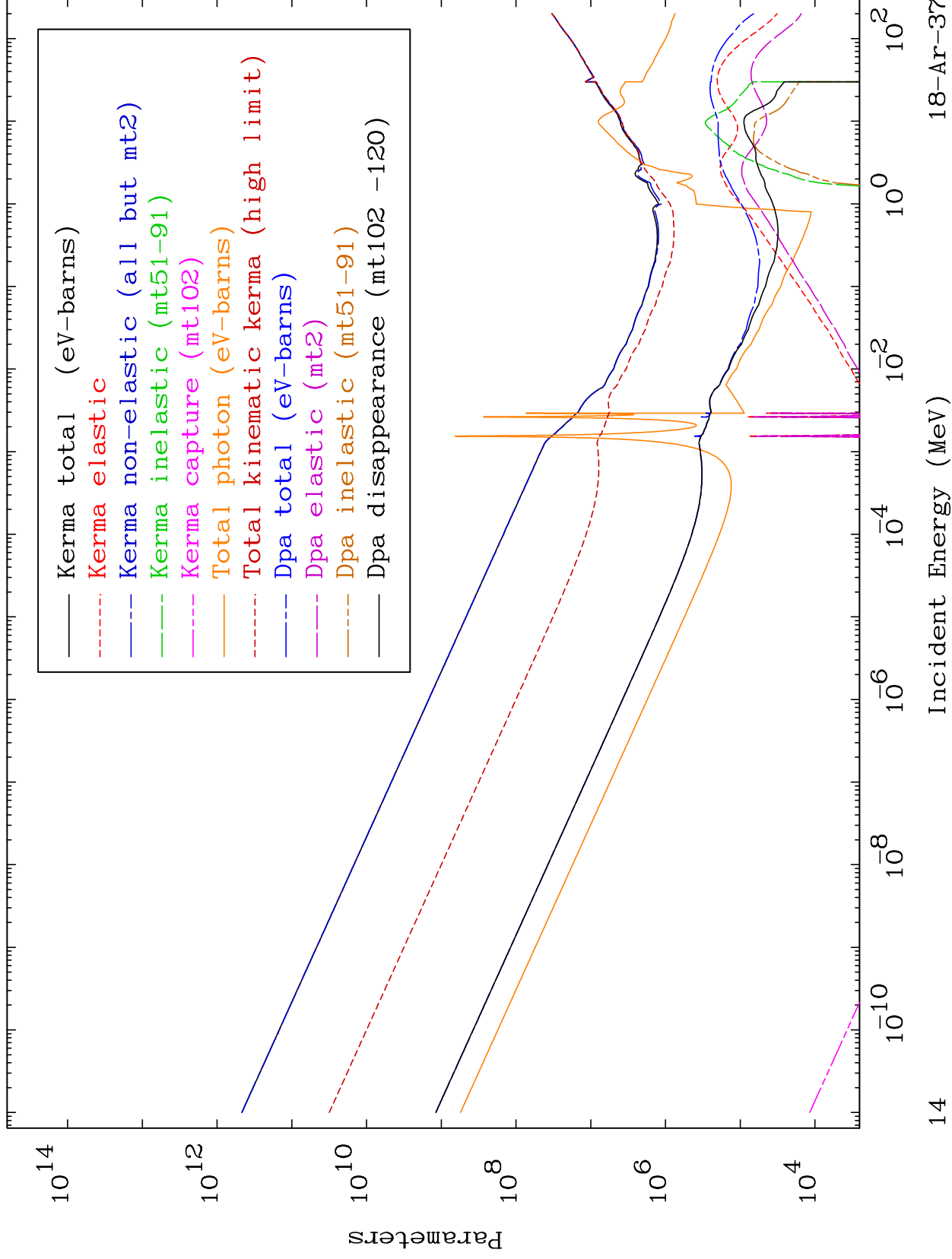
18-Ar-37

MAT 1828

(n,α) Levels  
293 Kelvin Cross Sections

18-Ar-37

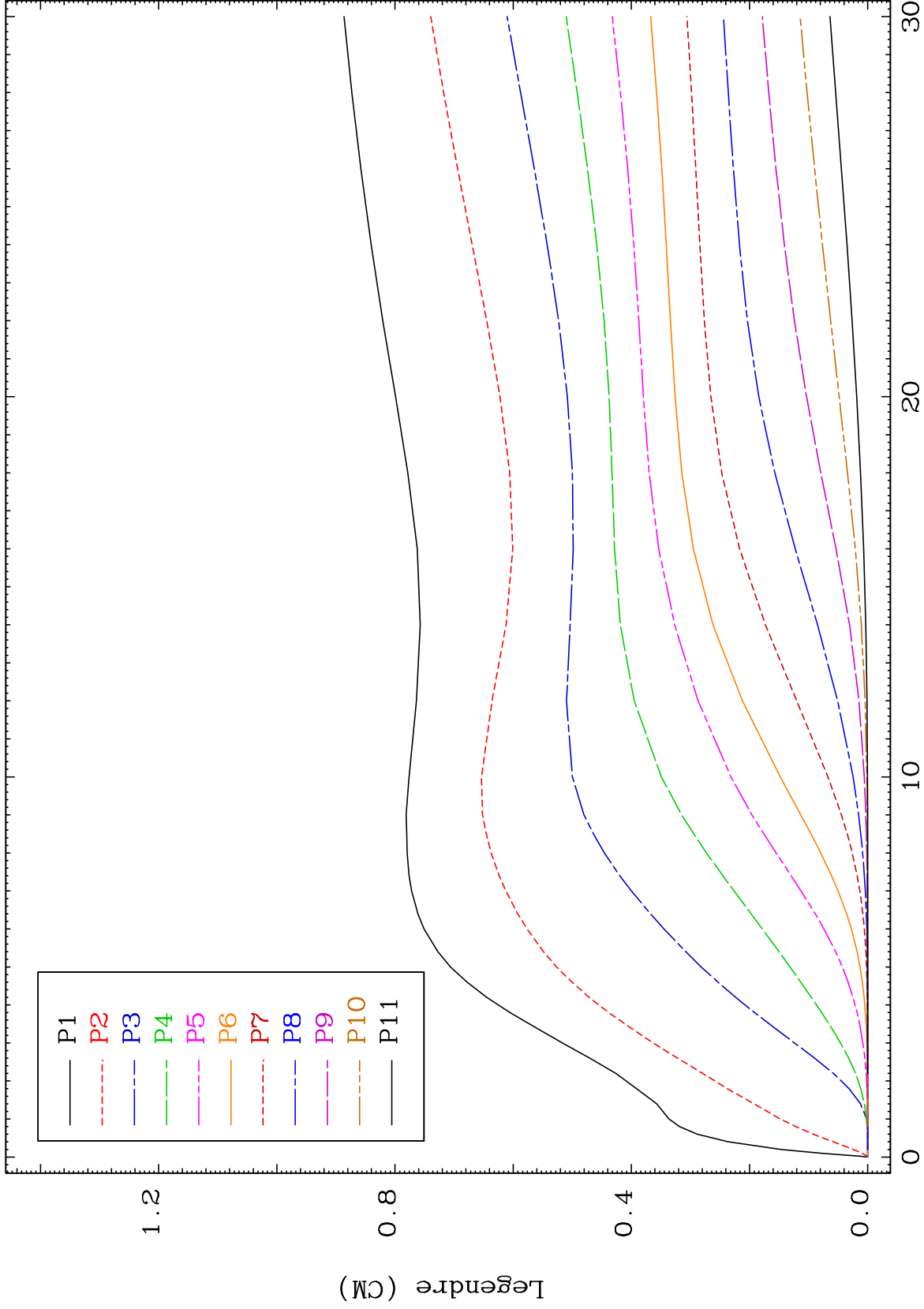




MAT 1828

Elastic Legendre Coefficients

18-Ar-37



15

Incident Energy (MeV)

18-Ar-37

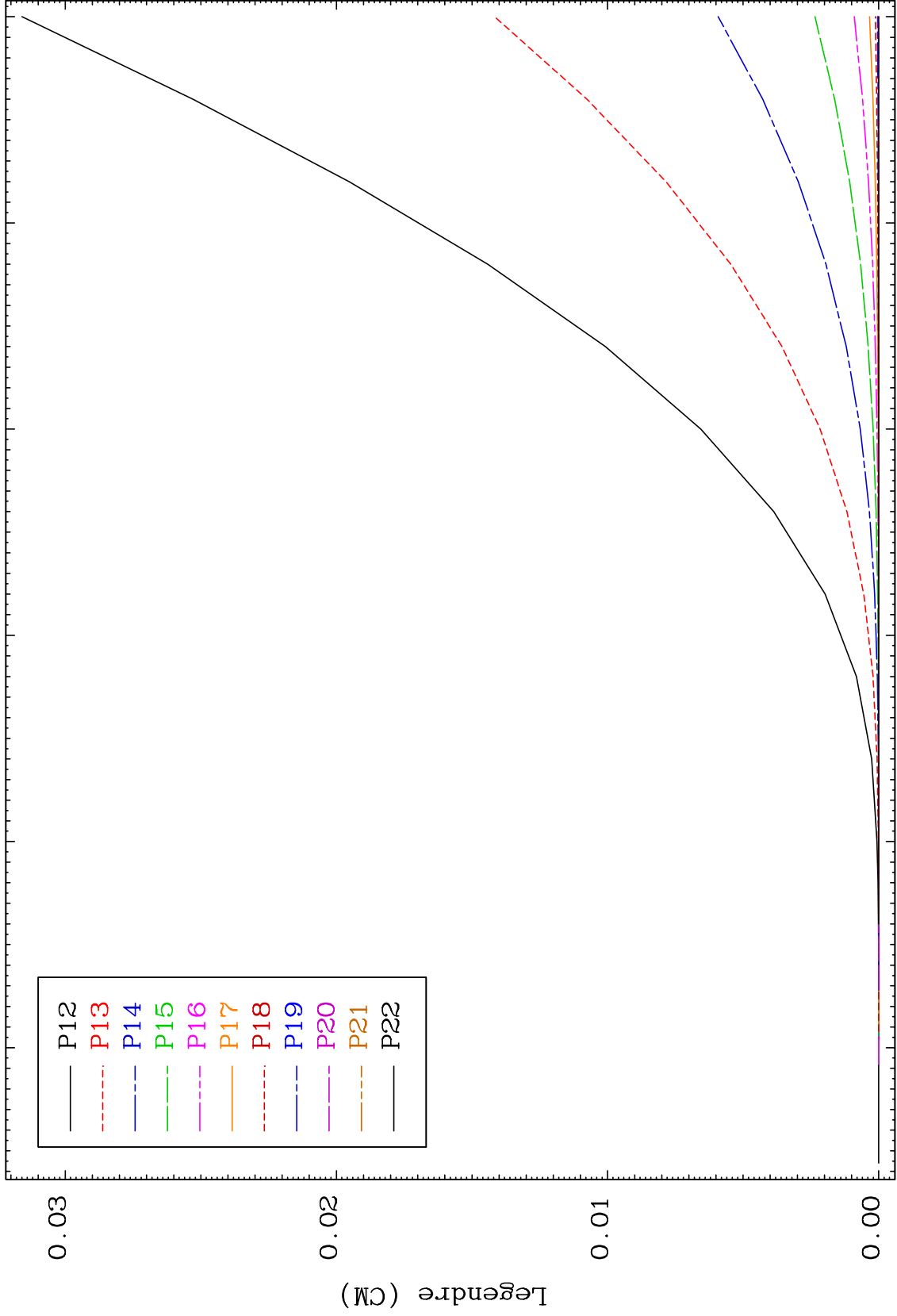
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MAT 1828

### Elastic Legendre Coefficients

18-Ar-37



16

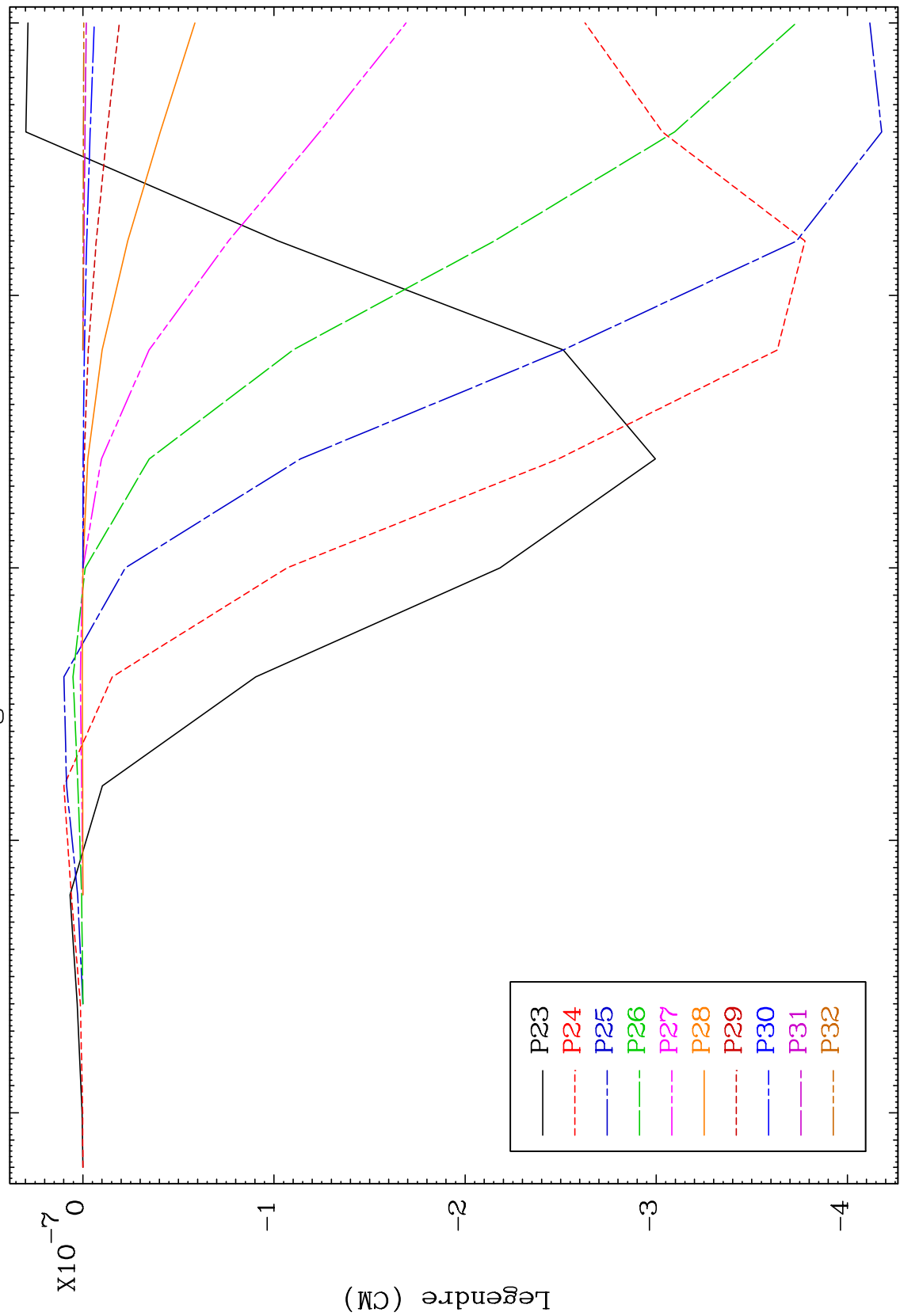
Incident Energy (MeV)

18-Ar-37

MAT 1828

Elastic Legendre Coefficients

18-Ar-37



17

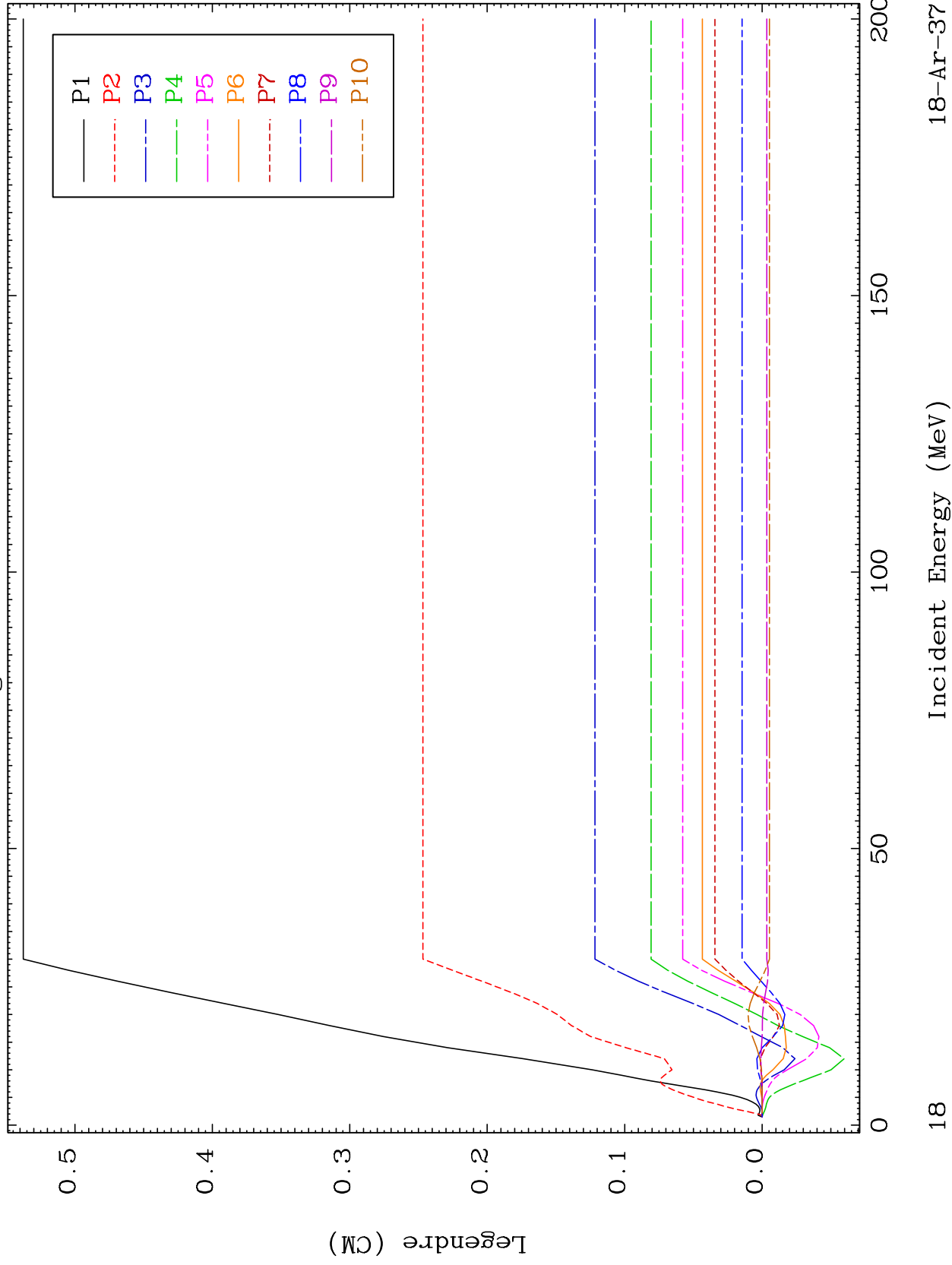
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

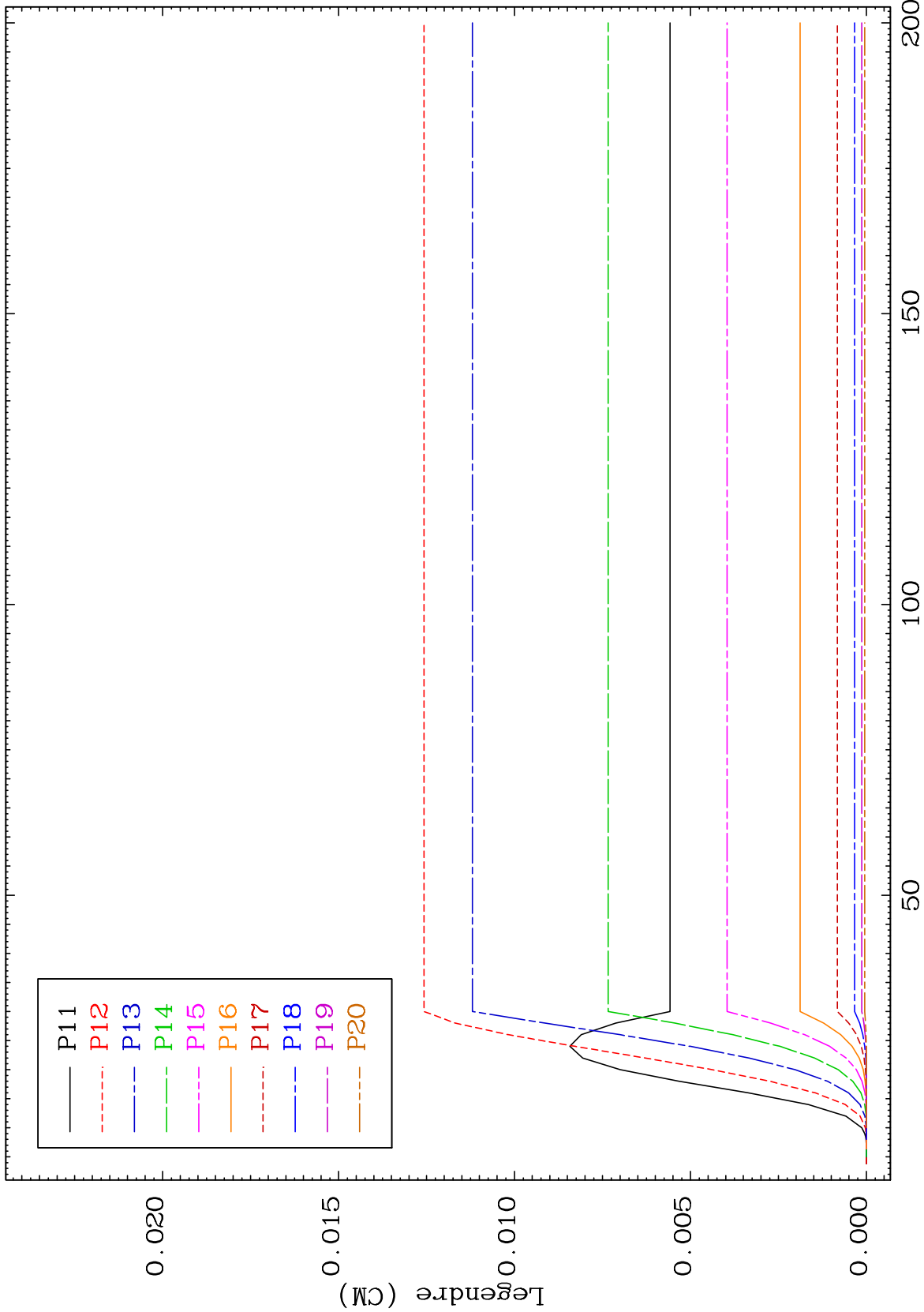
18-Ar-37



18-Ar-37

Incident Energy (MeV)

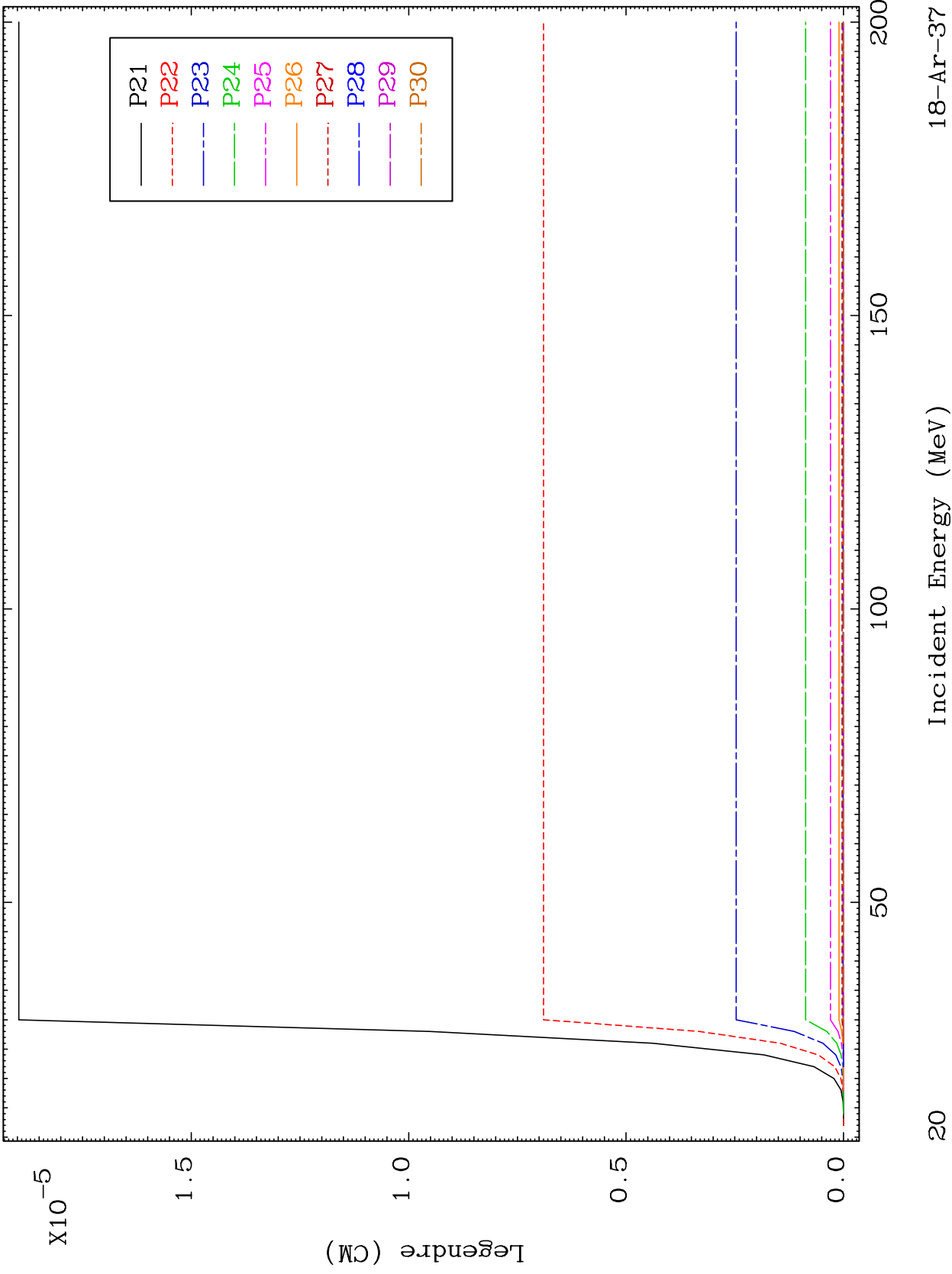
18



MAT 1828

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

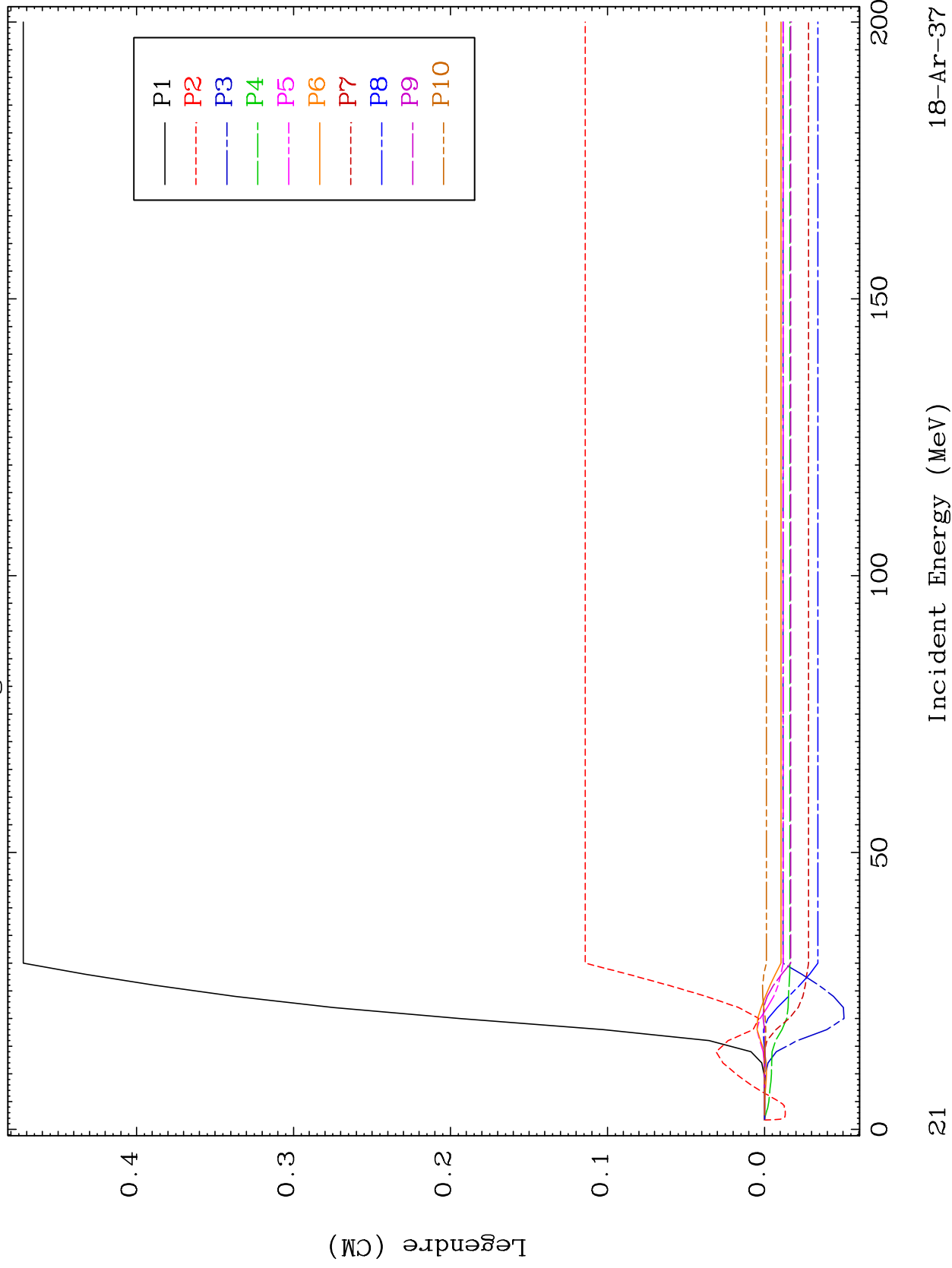
18-Ar-37



MAT 1828

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

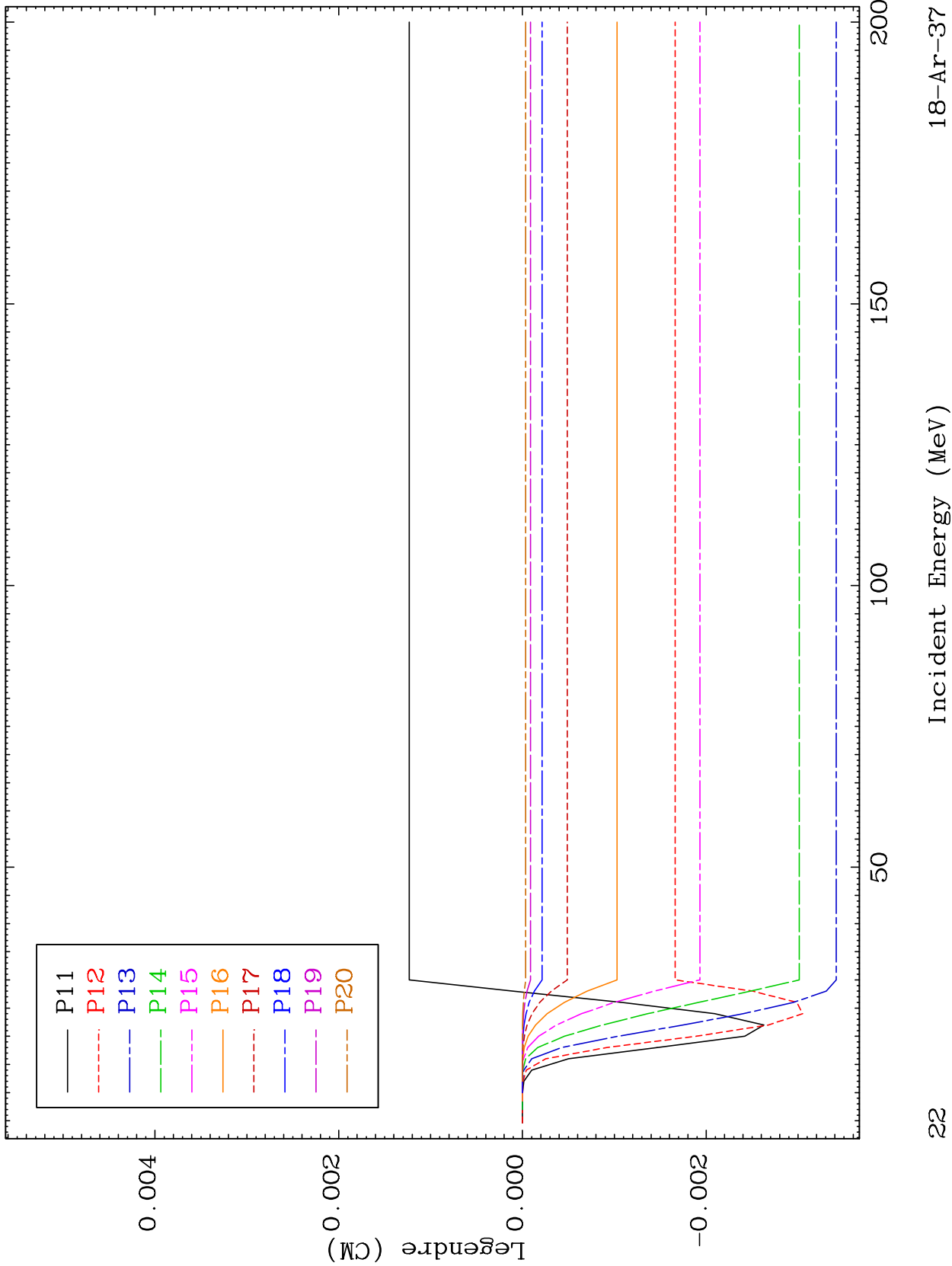
18-Ar-37



21

Incident Energy (MeV)

18-Ar-37

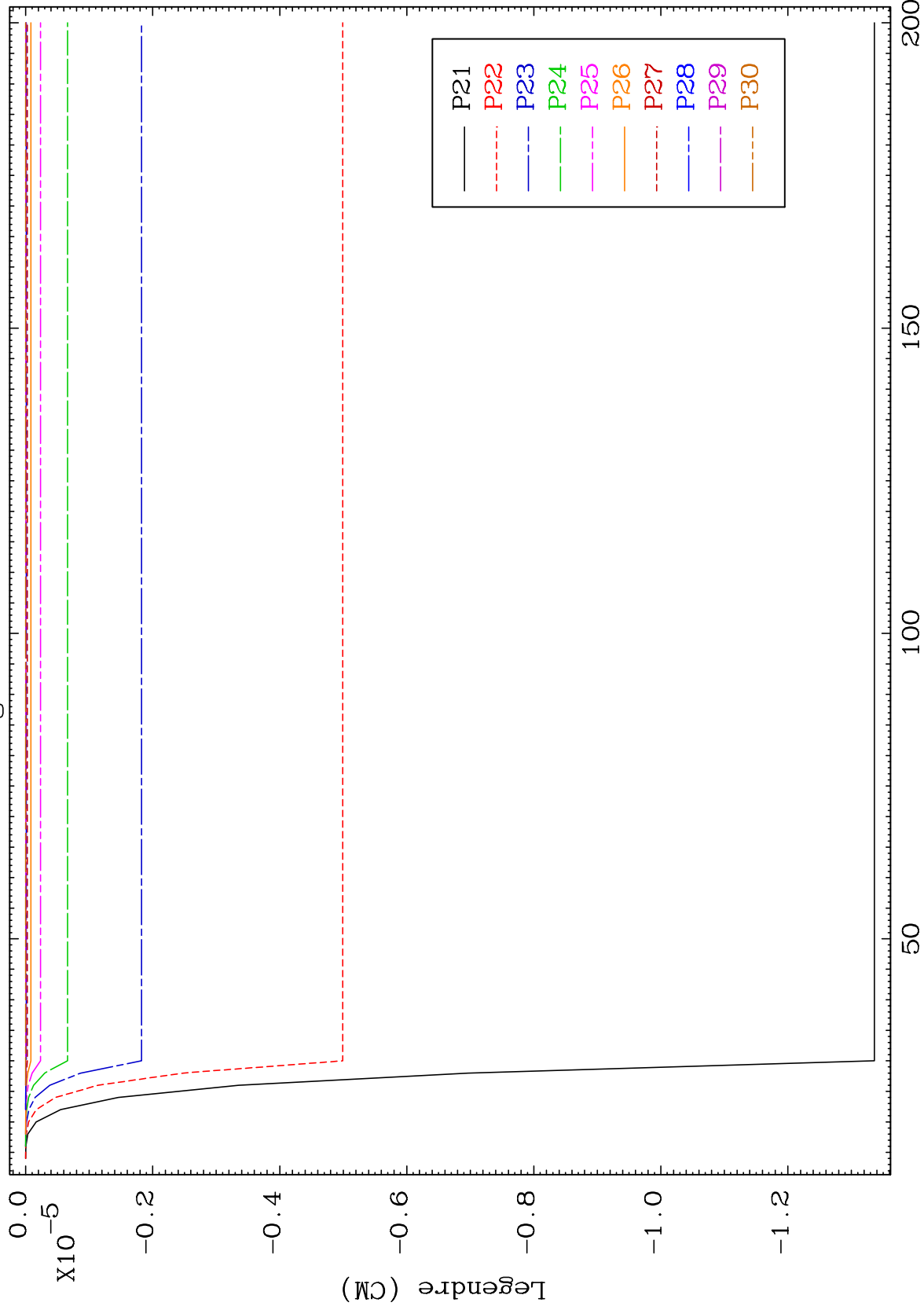


MAT 1828

MT= 52 (n,n') Level

18-Ar-37

Legendre Coefficients



23

Incident Energy (MeV)

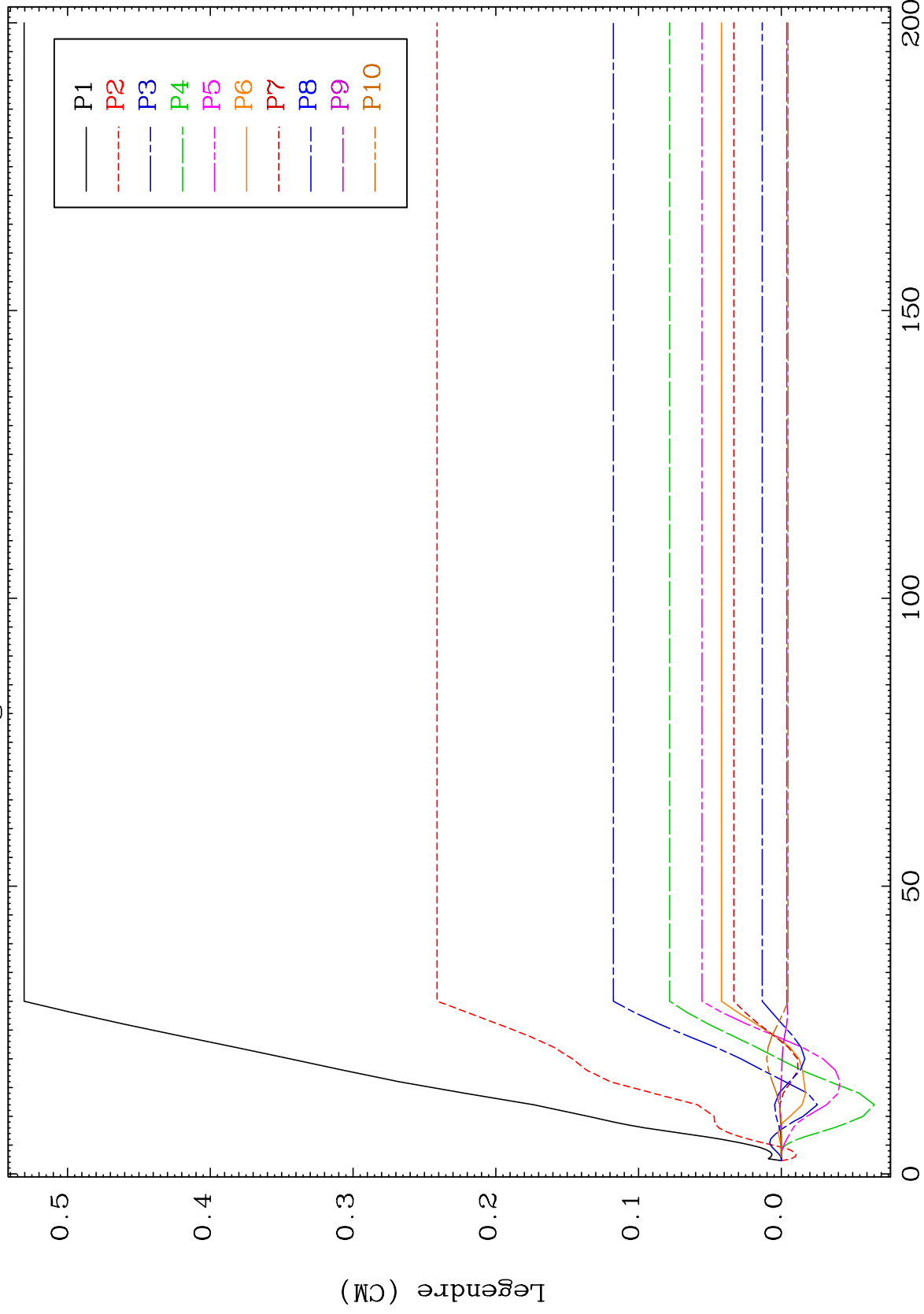
18-Ar-37



MAT 1828

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

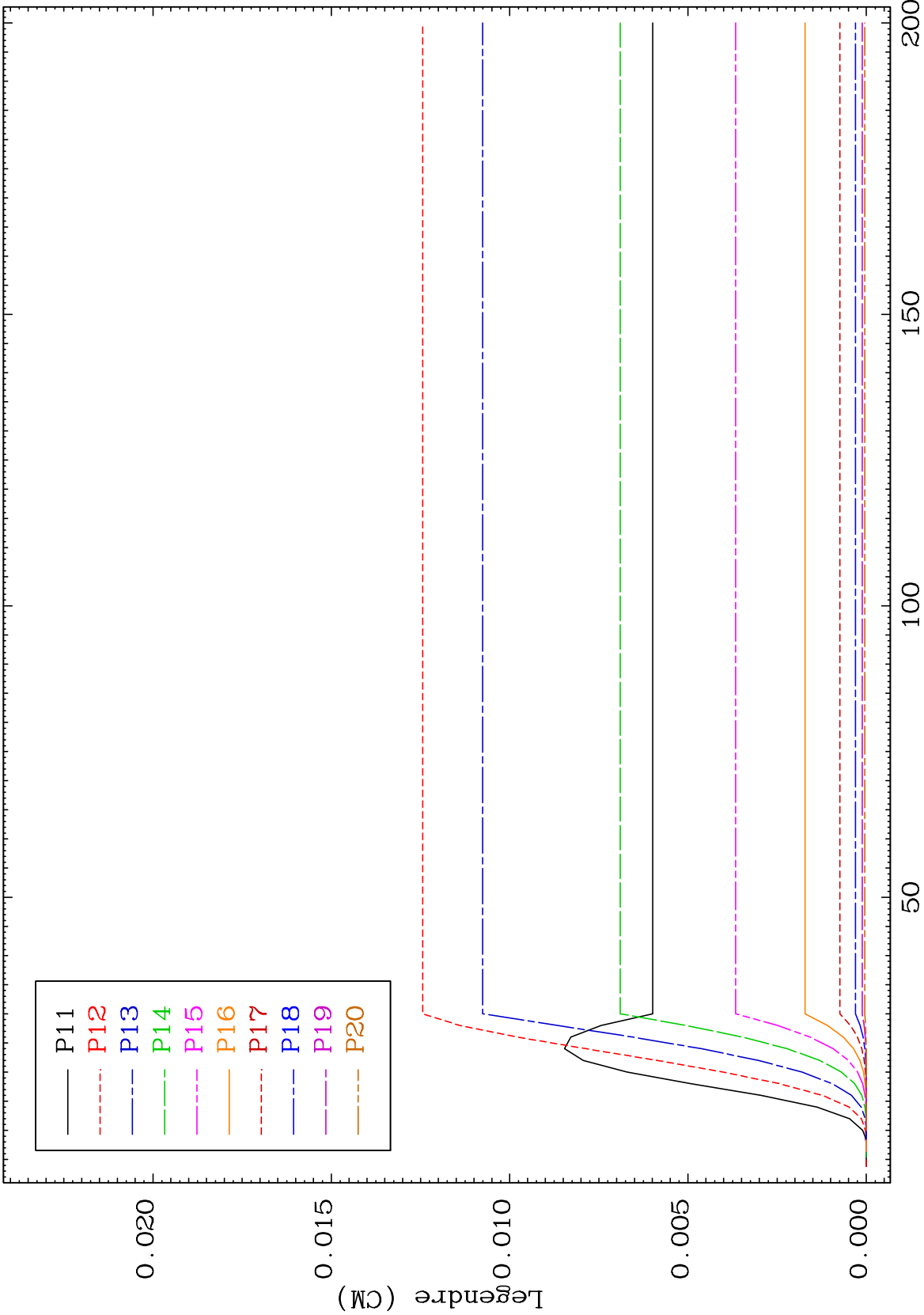
18-Ar-37



24

Incident Energy (MeV)

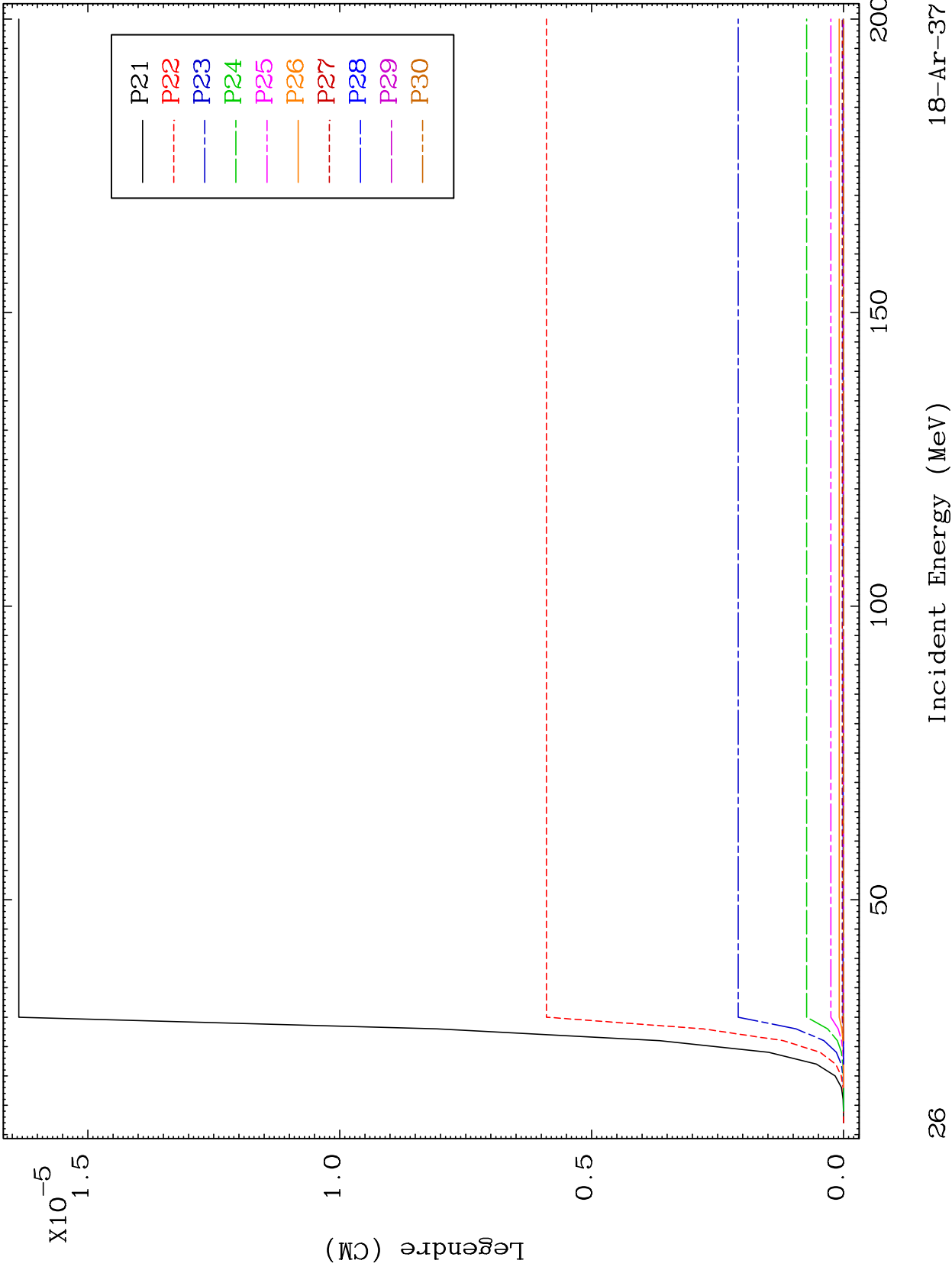
18-Ar-37



MAT 1828

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

18-Ar-37



26

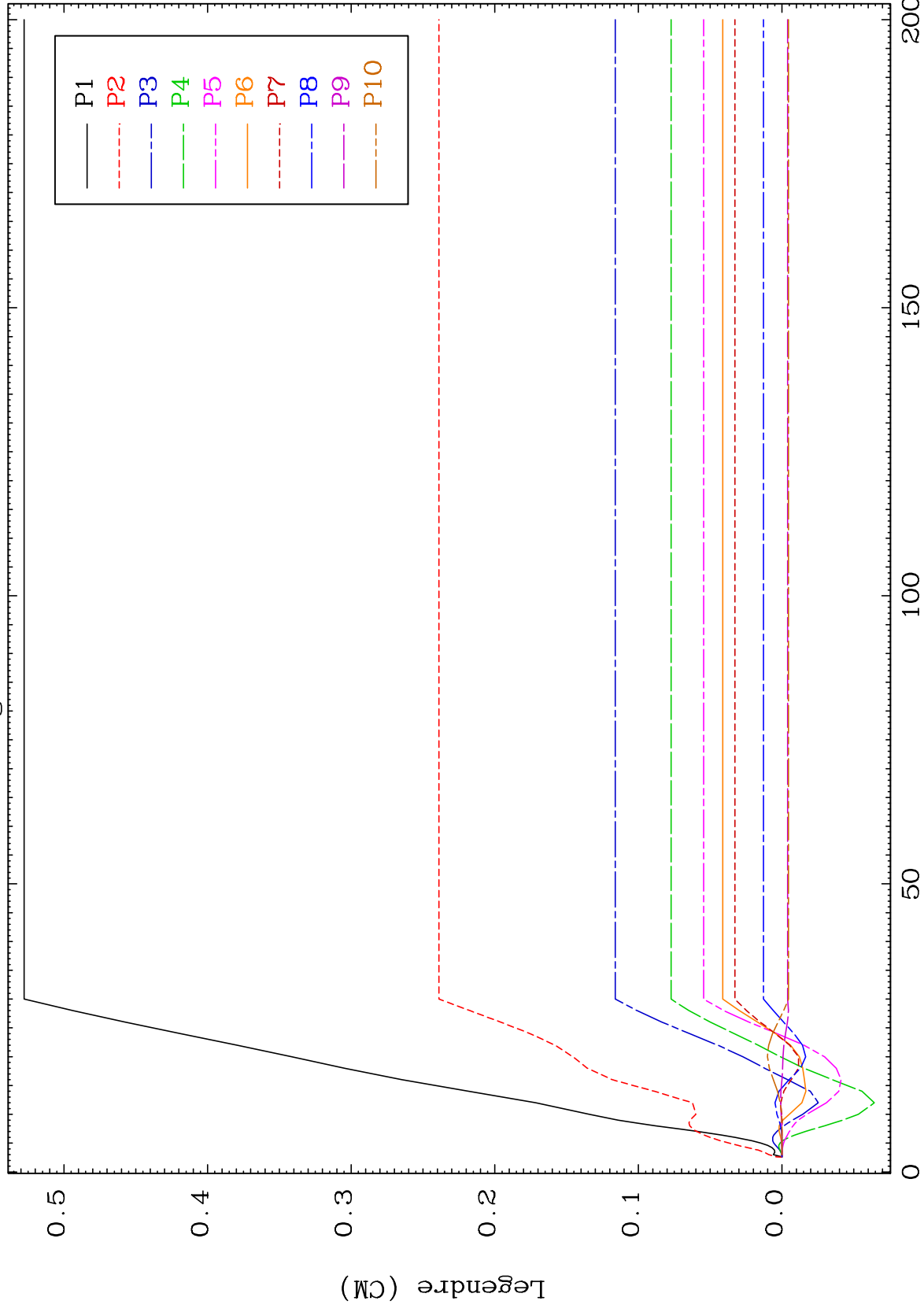
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

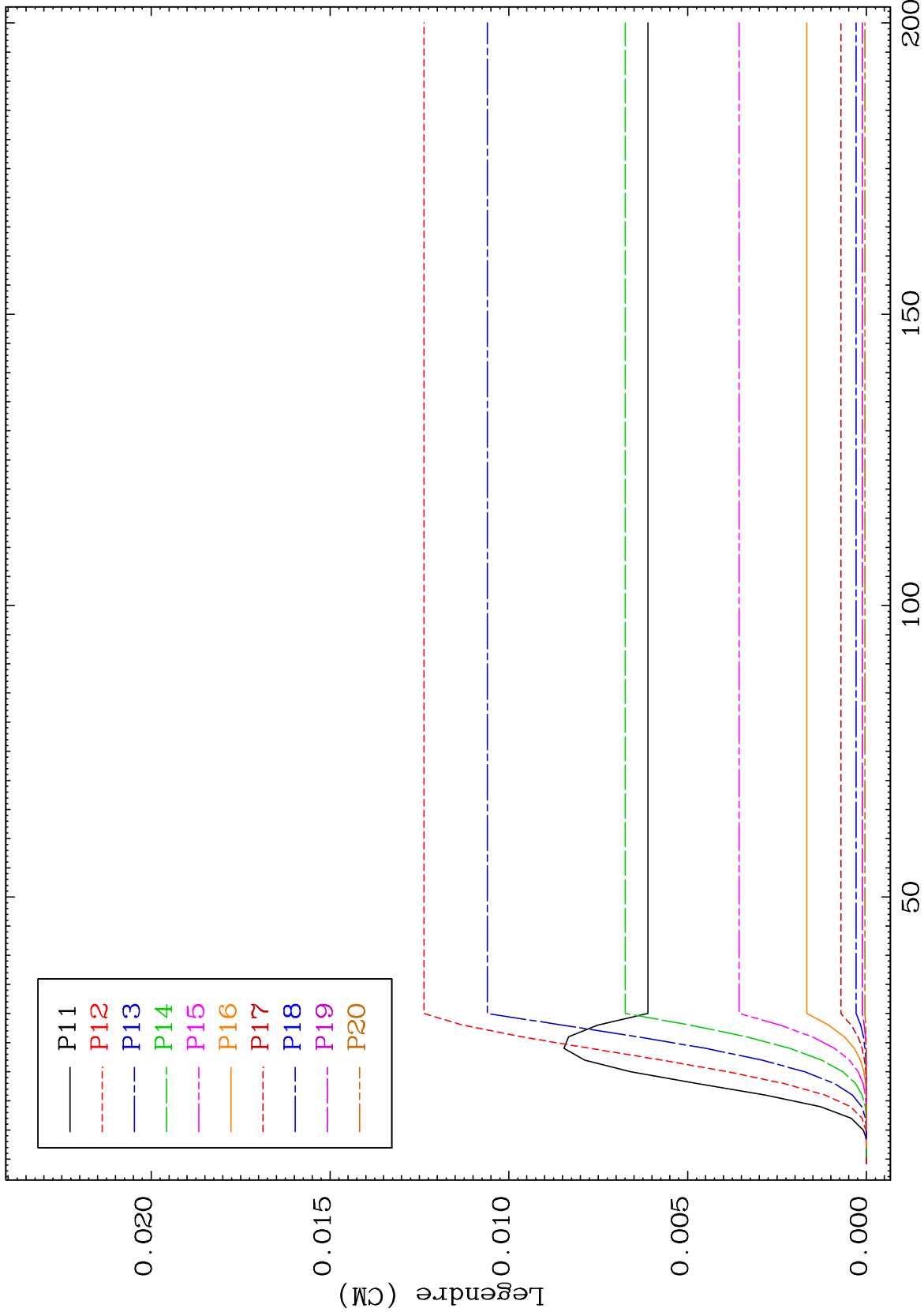
18-Ar-37



27

Incident Energy (MeV)

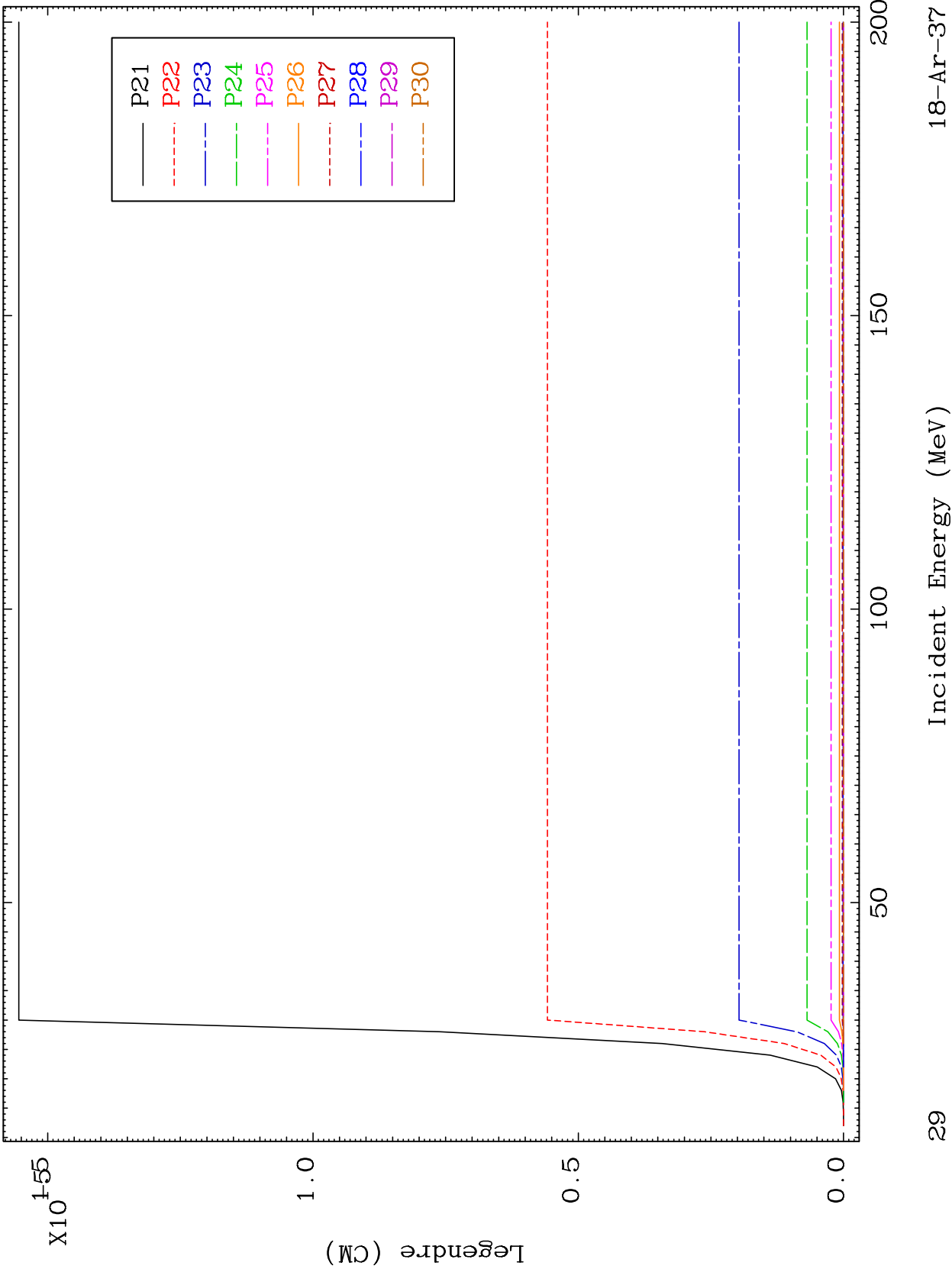
18-Ar-37



MAT 1828

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

18-Ar-37



29

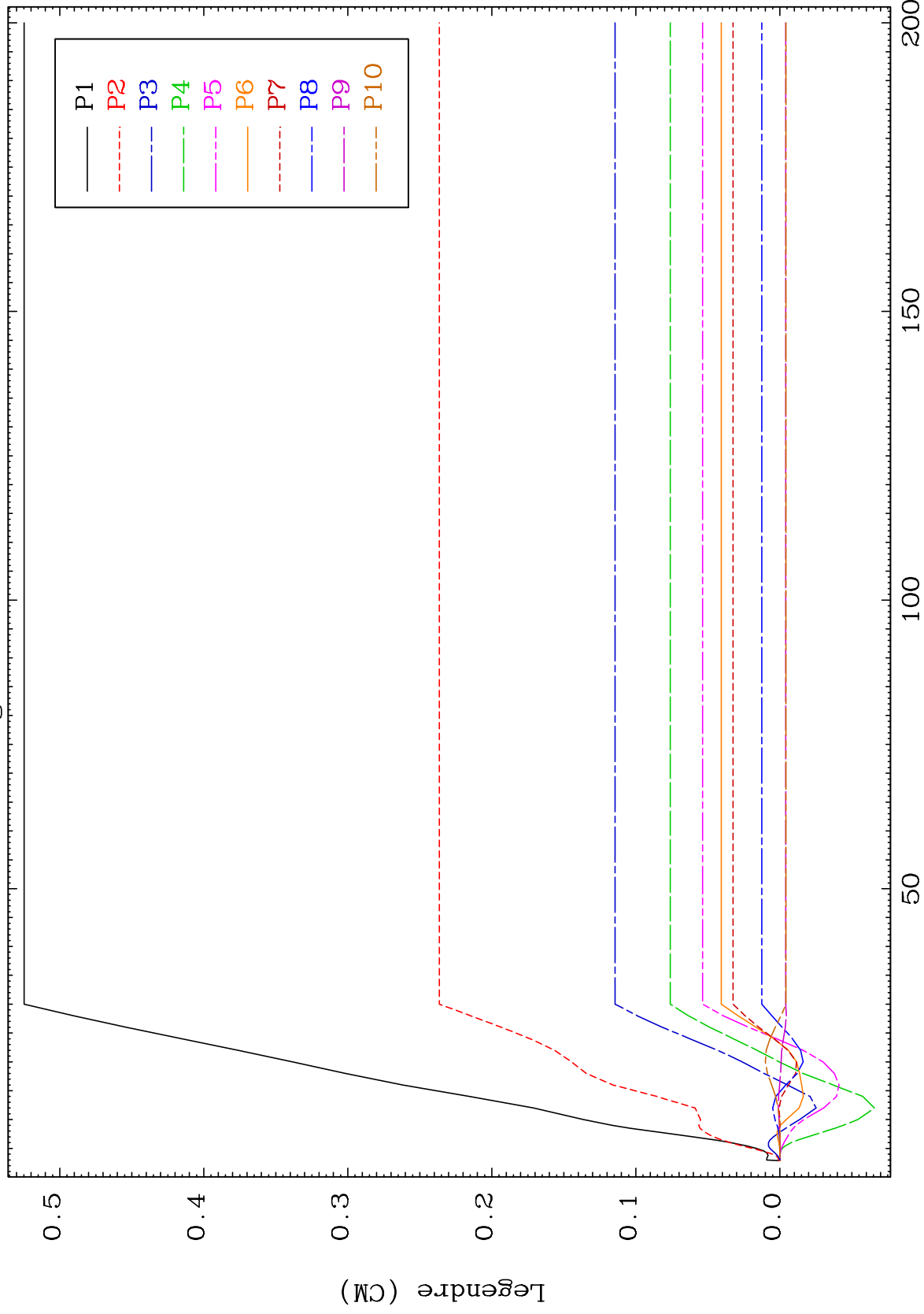
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

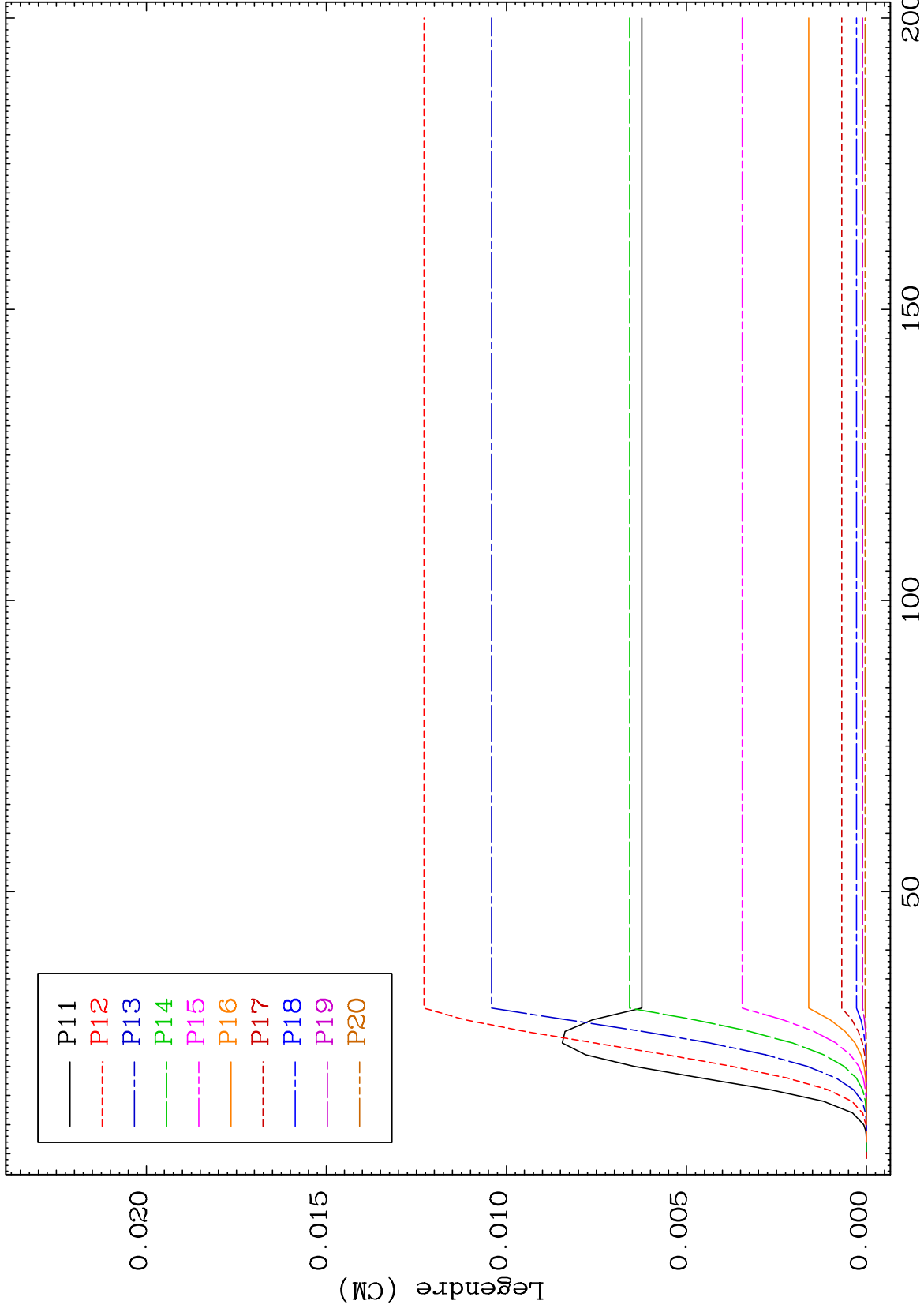
18-Ar-37



30

Incident Energy (MeV)

18-Ar-37

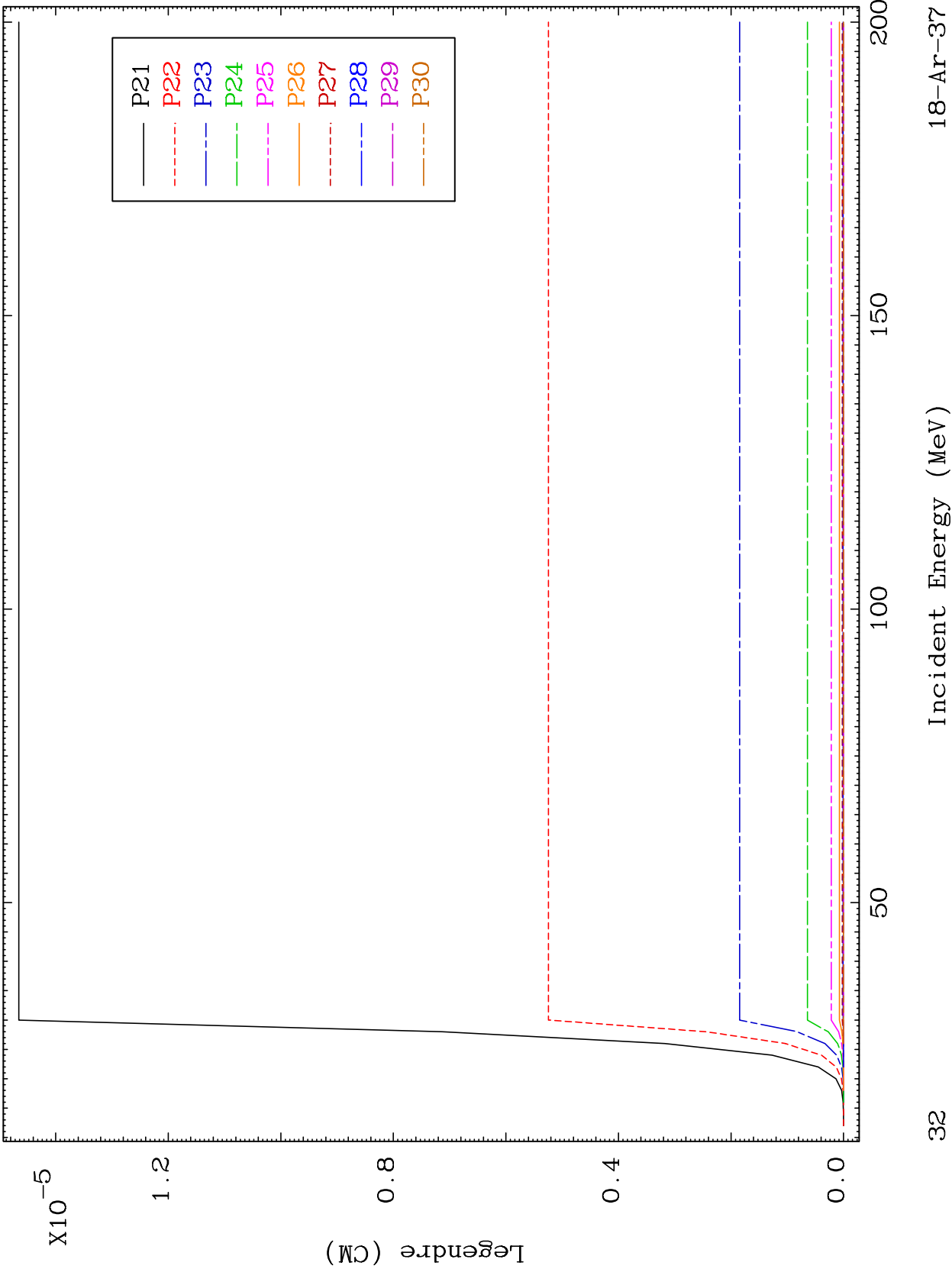




MAT 1828

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

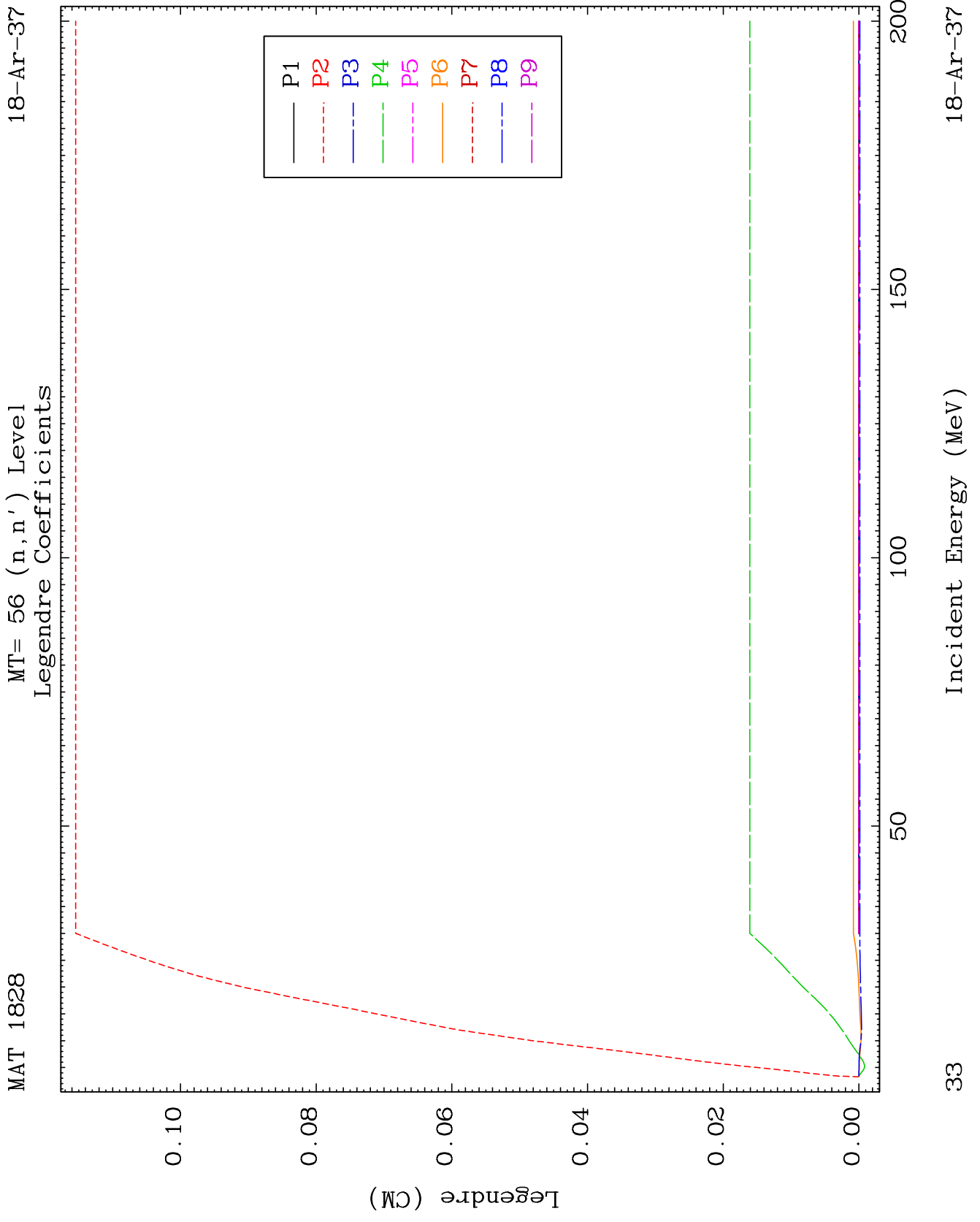
18-Ar-37

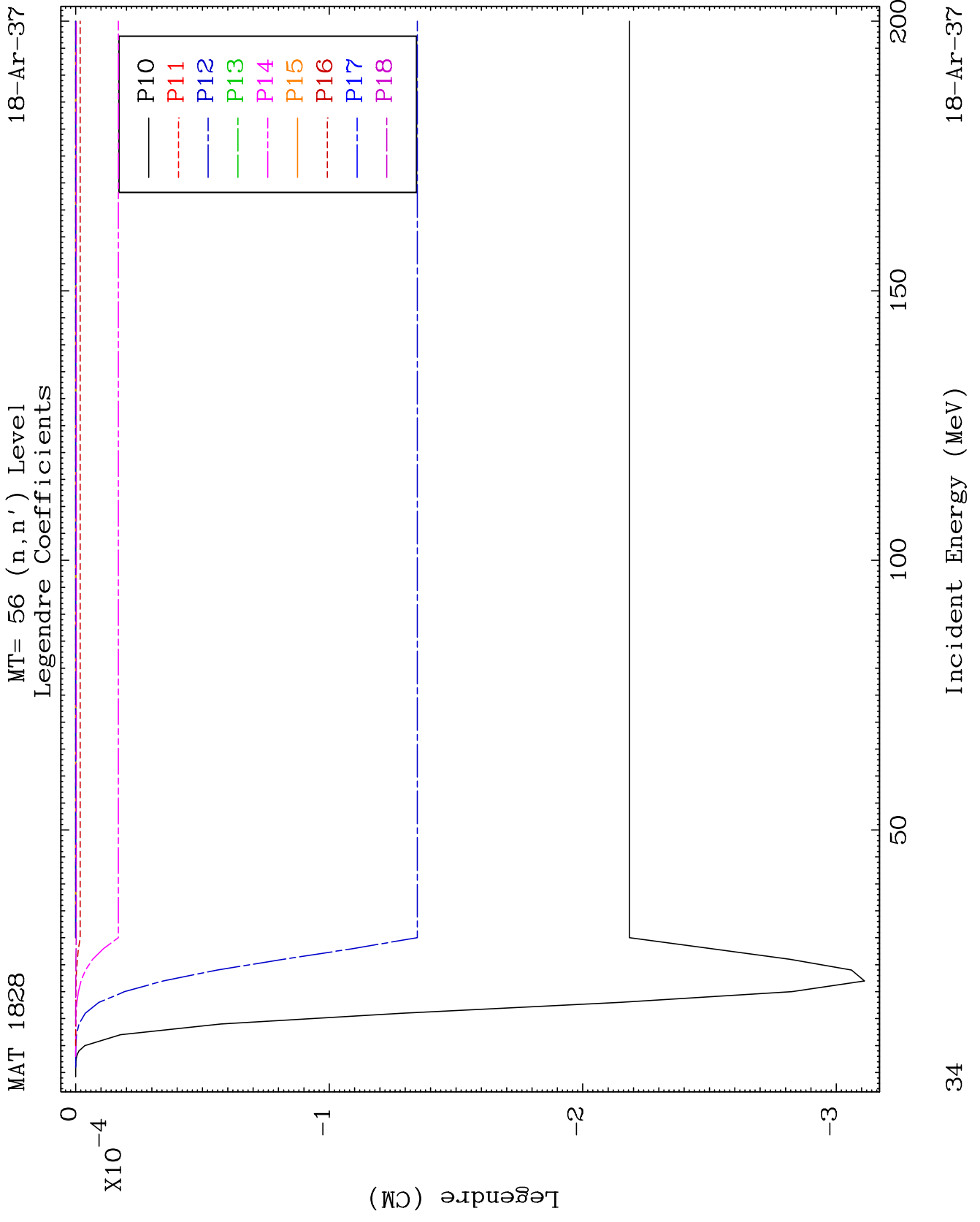


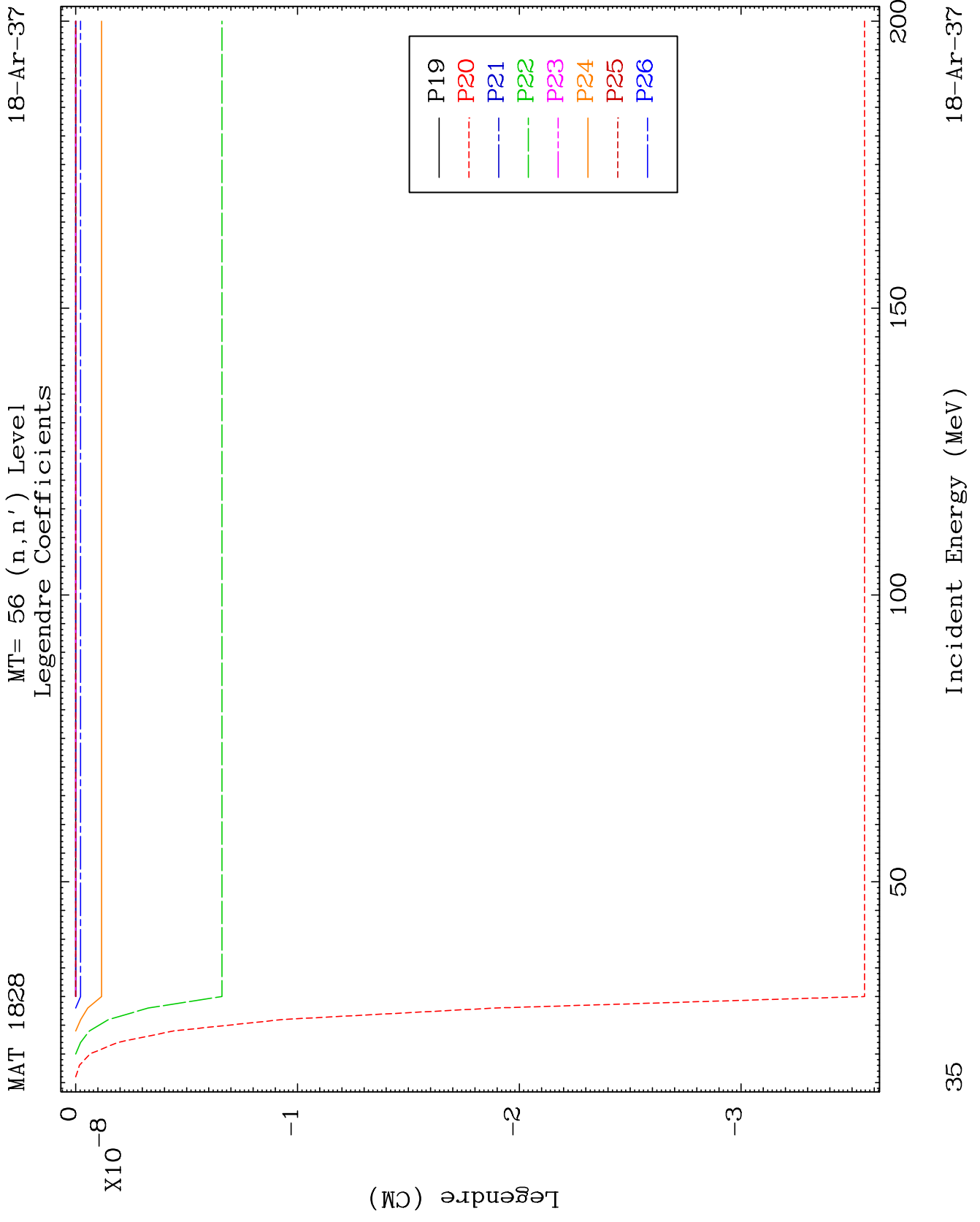
32

Incident Energy (MeV)

18-Ar-37



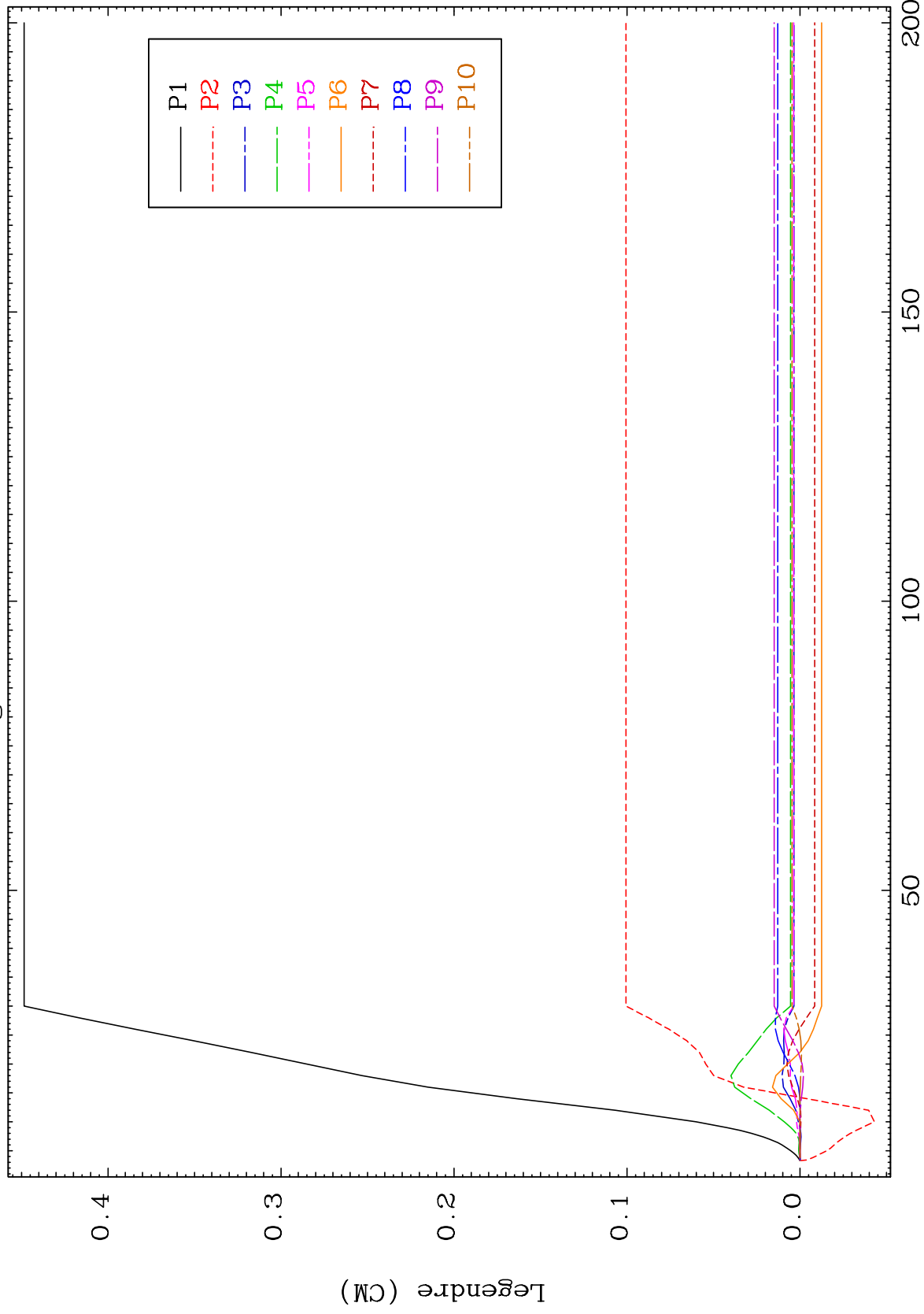




MAT 1828

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

18-Ar-37



36

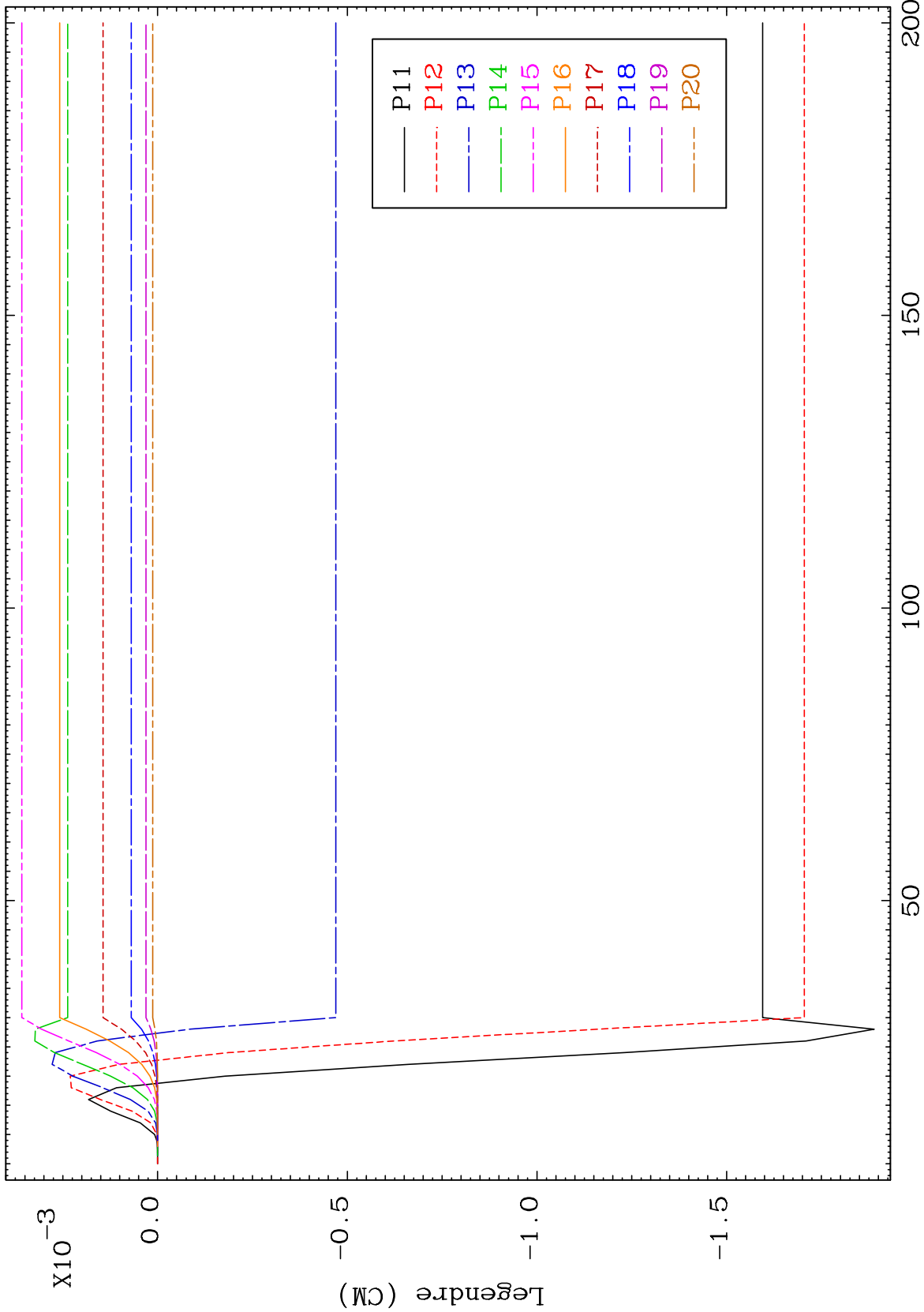
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



37

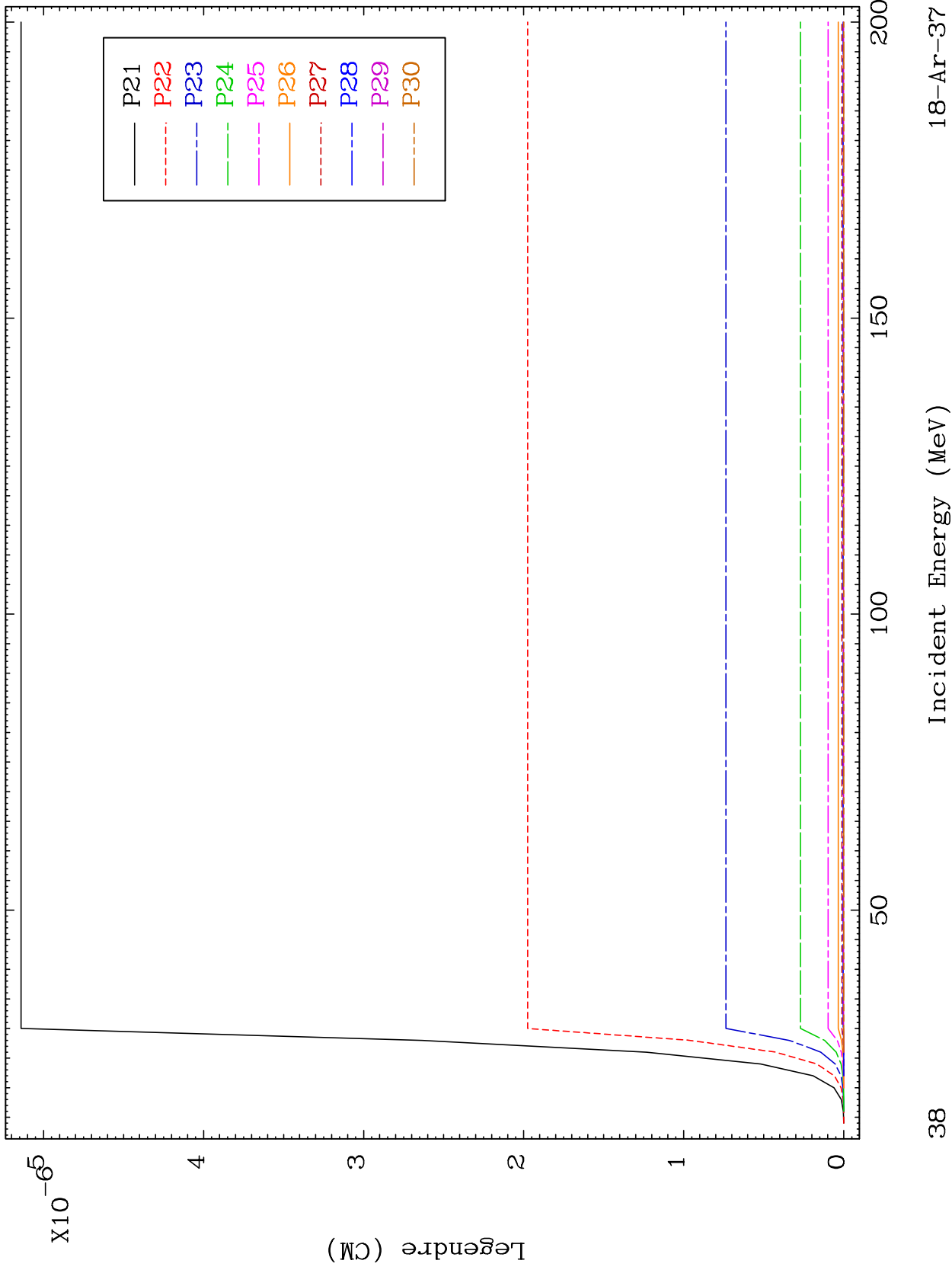
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



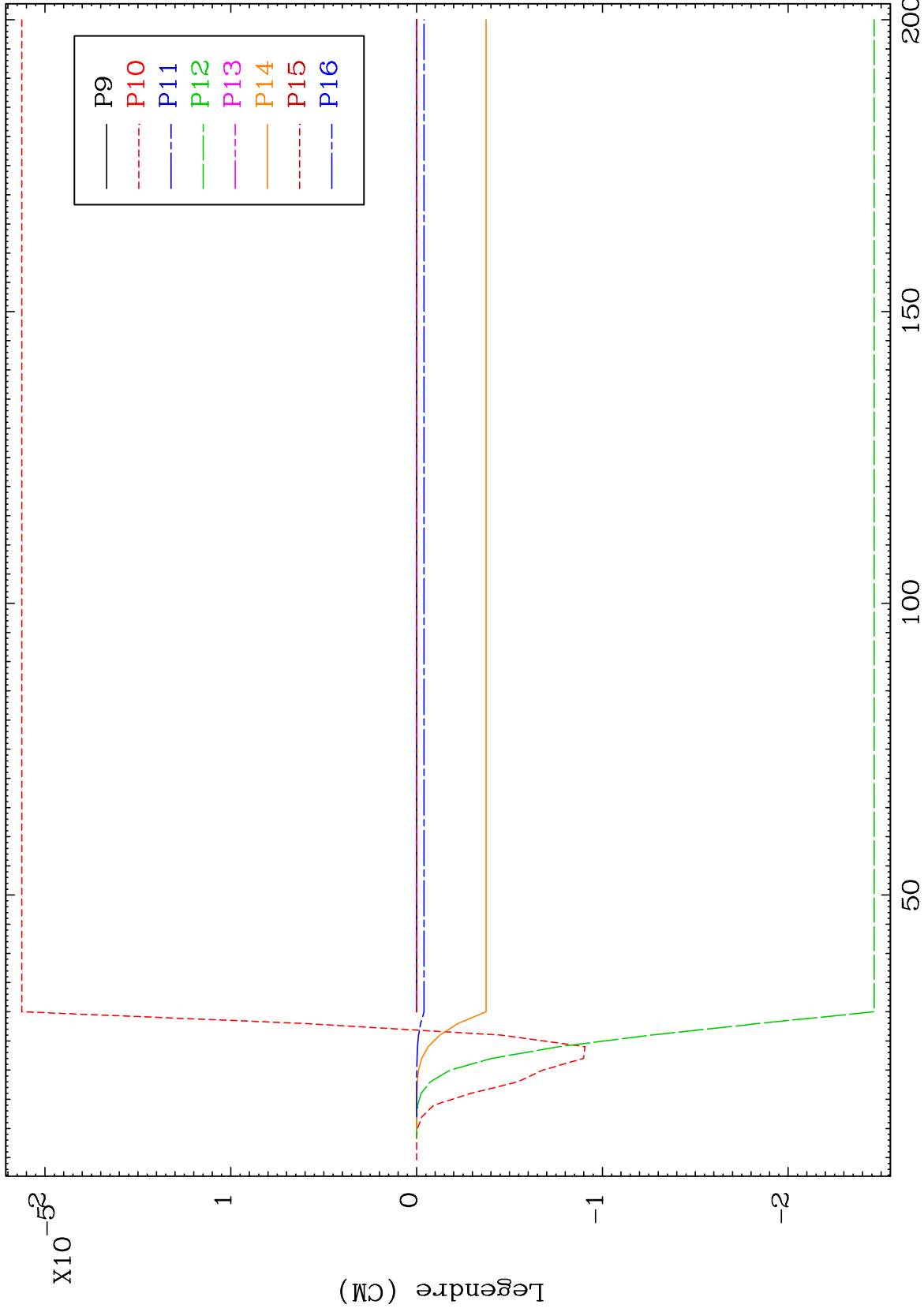




MAT 1828

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

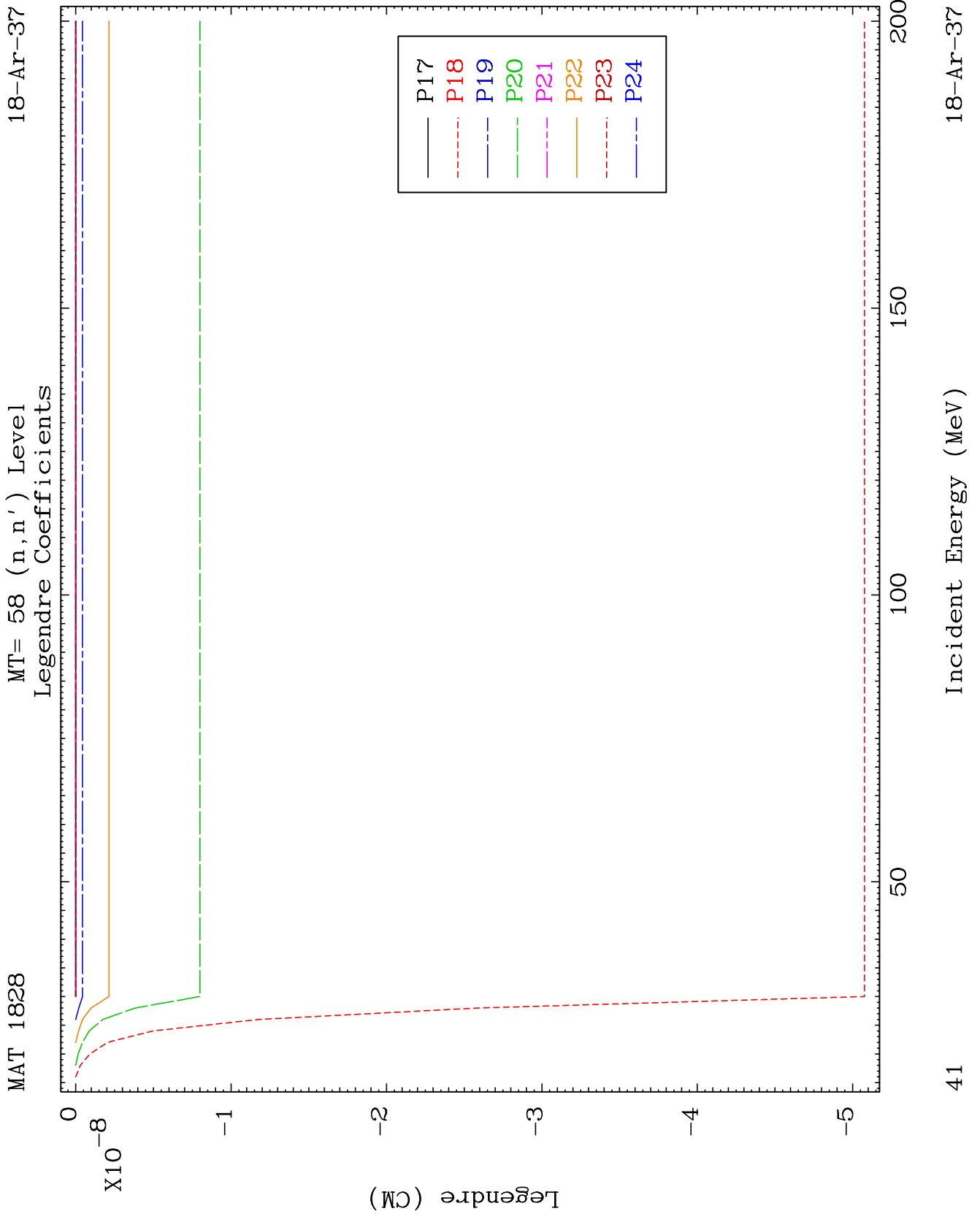
18-Ar-37



40

Incident Energy (MeV)

18-Ar-37

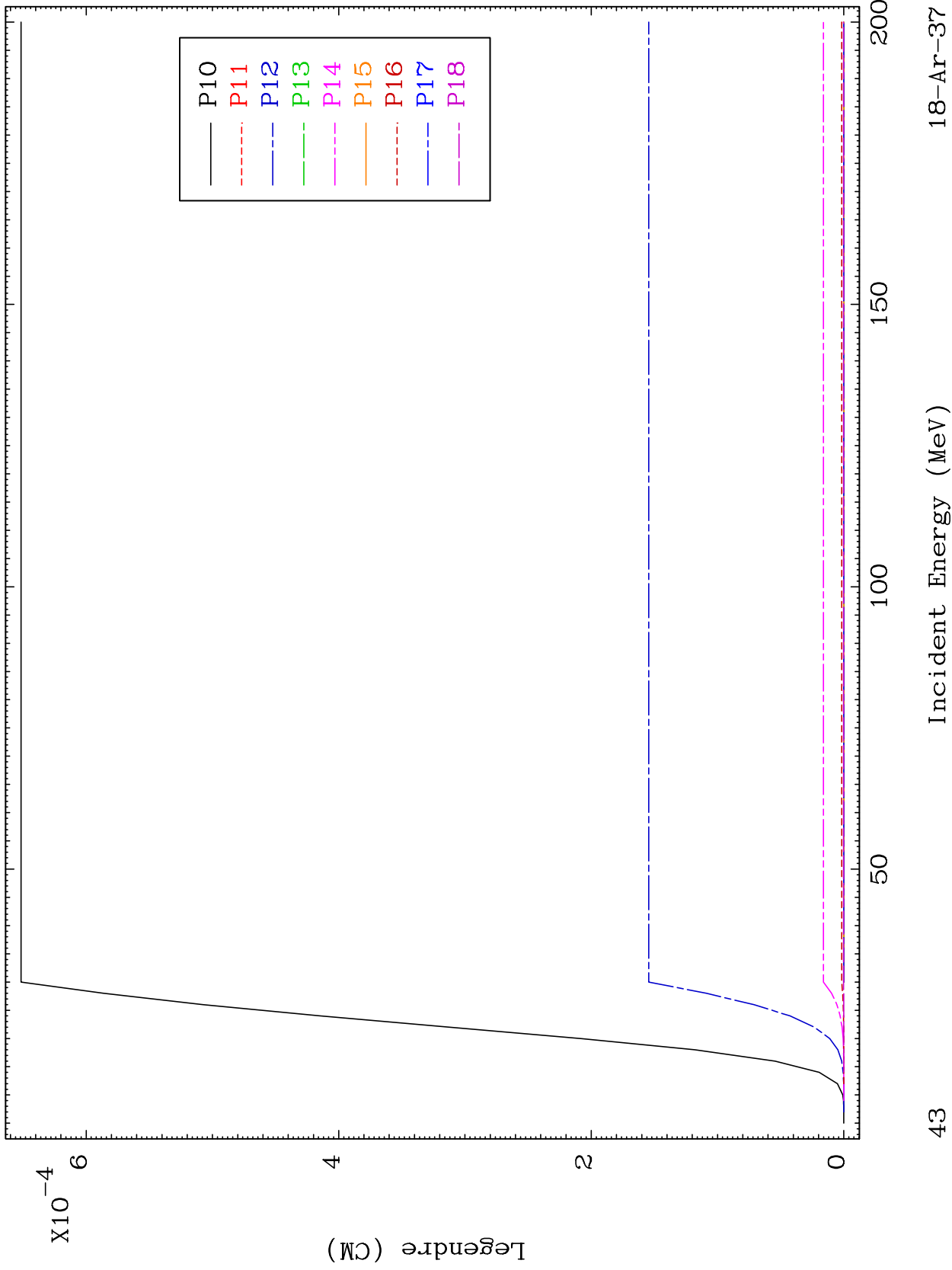




MAT 1828

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

18-Ar-37



43

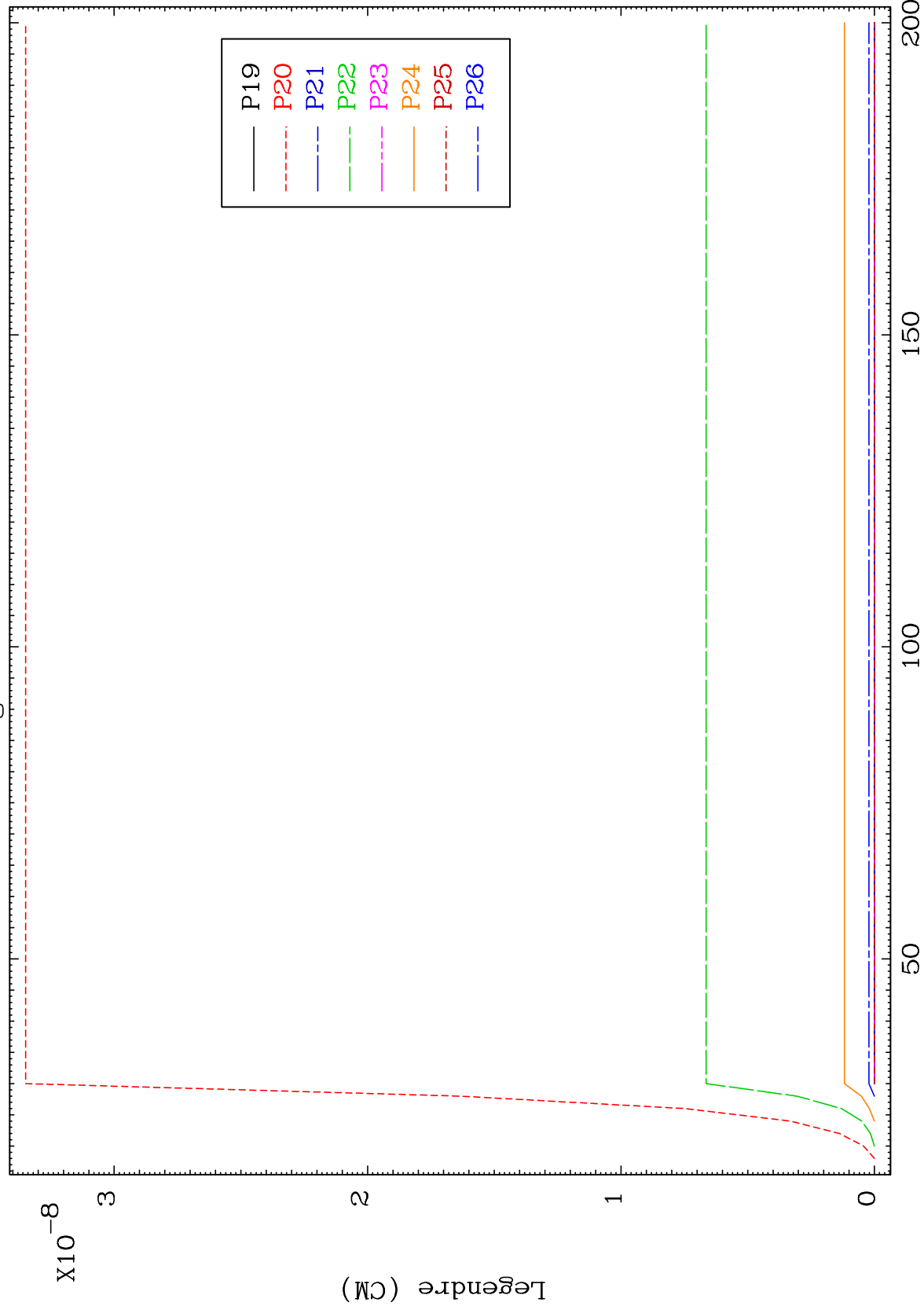
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



44

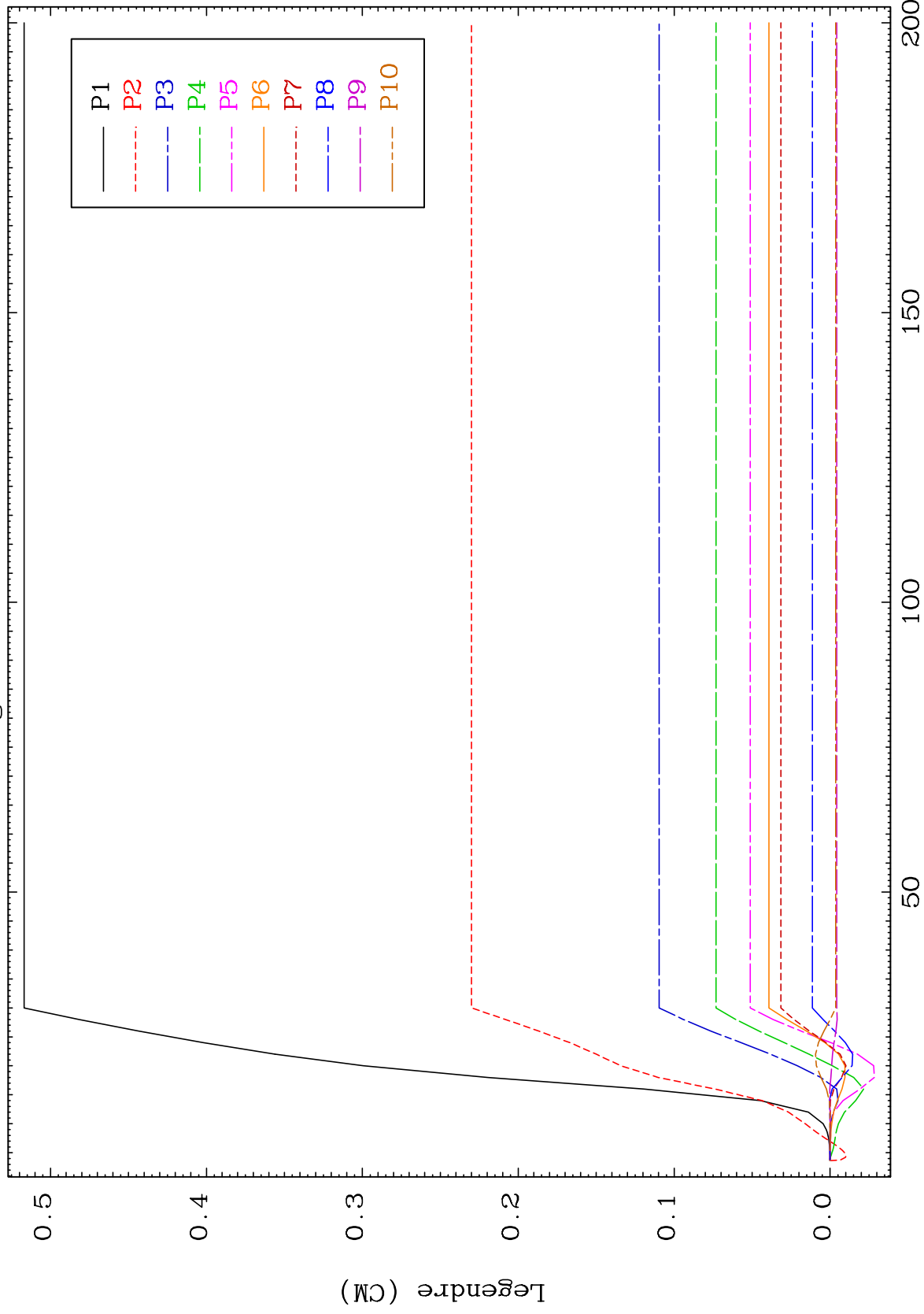
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



45

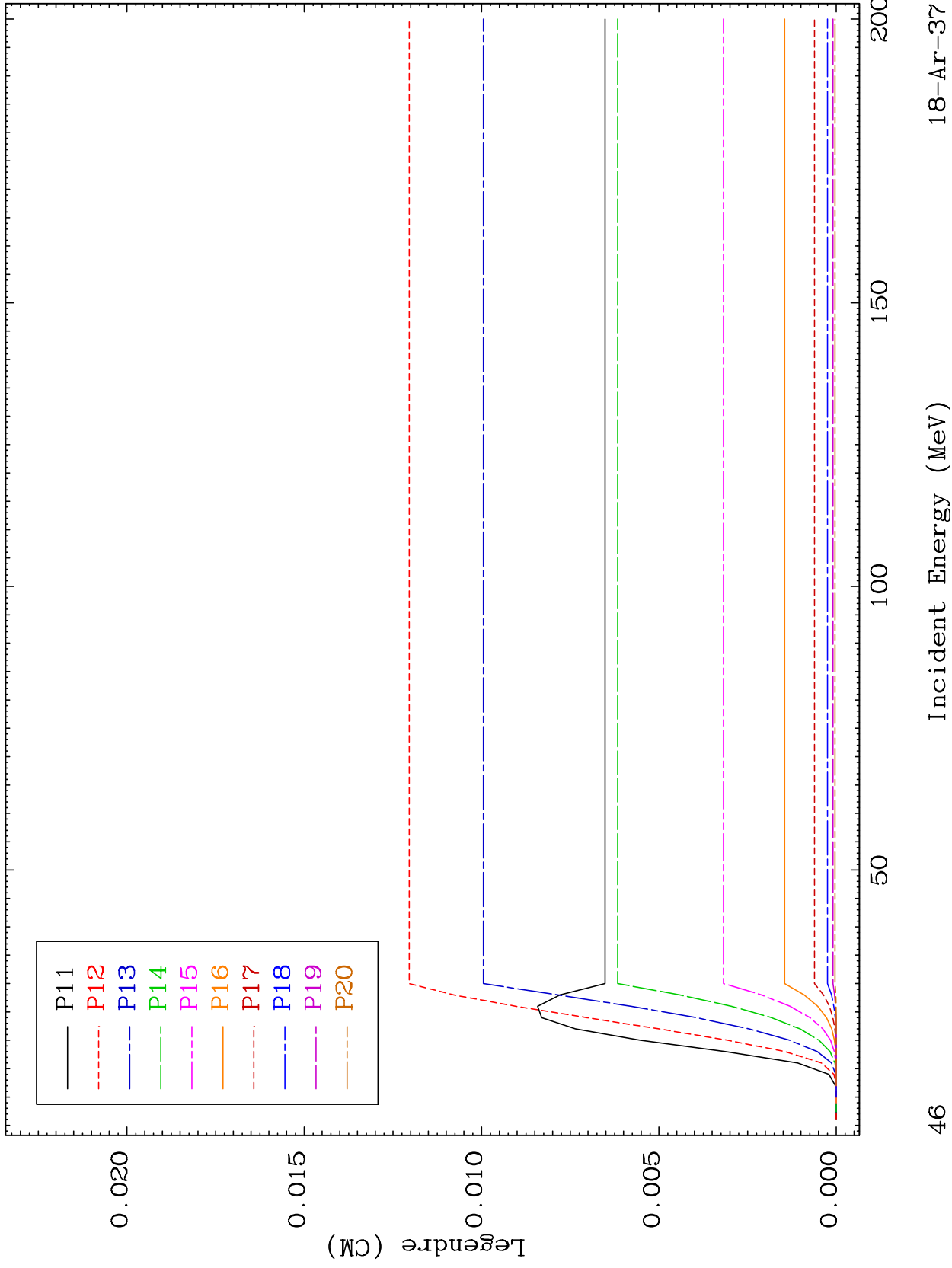
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



46

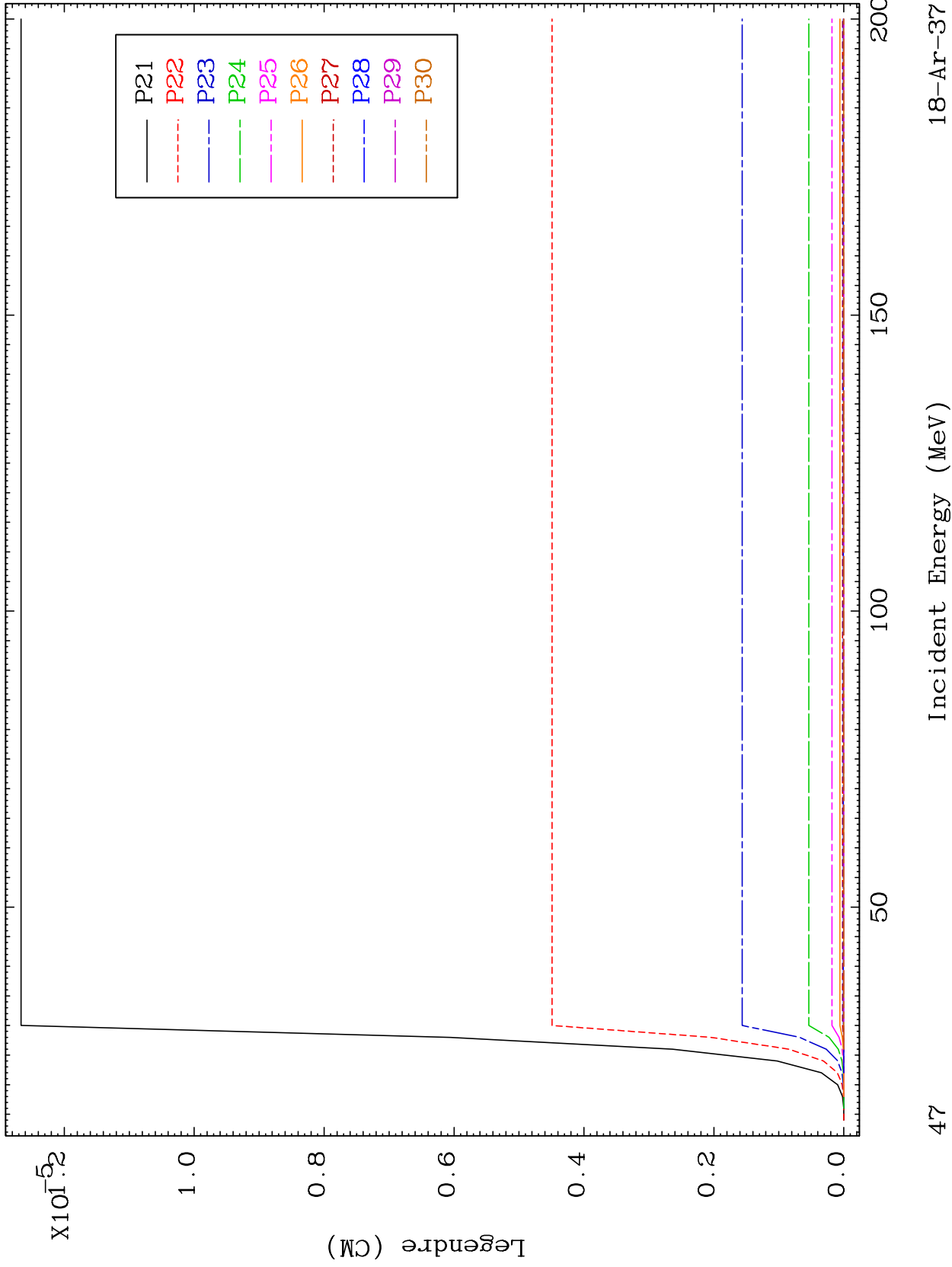
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



47

18-Ar-37

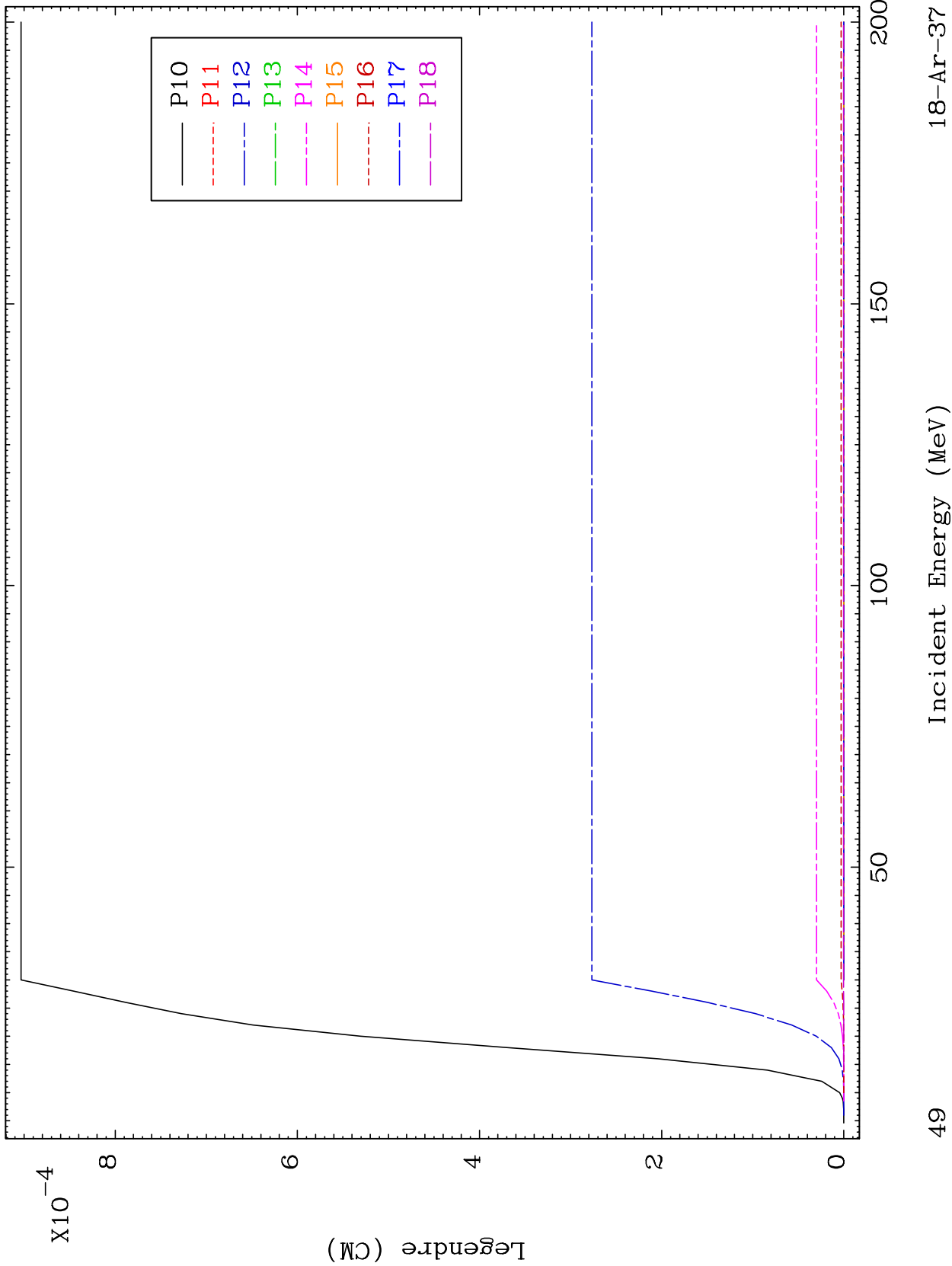




MAT 1828

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

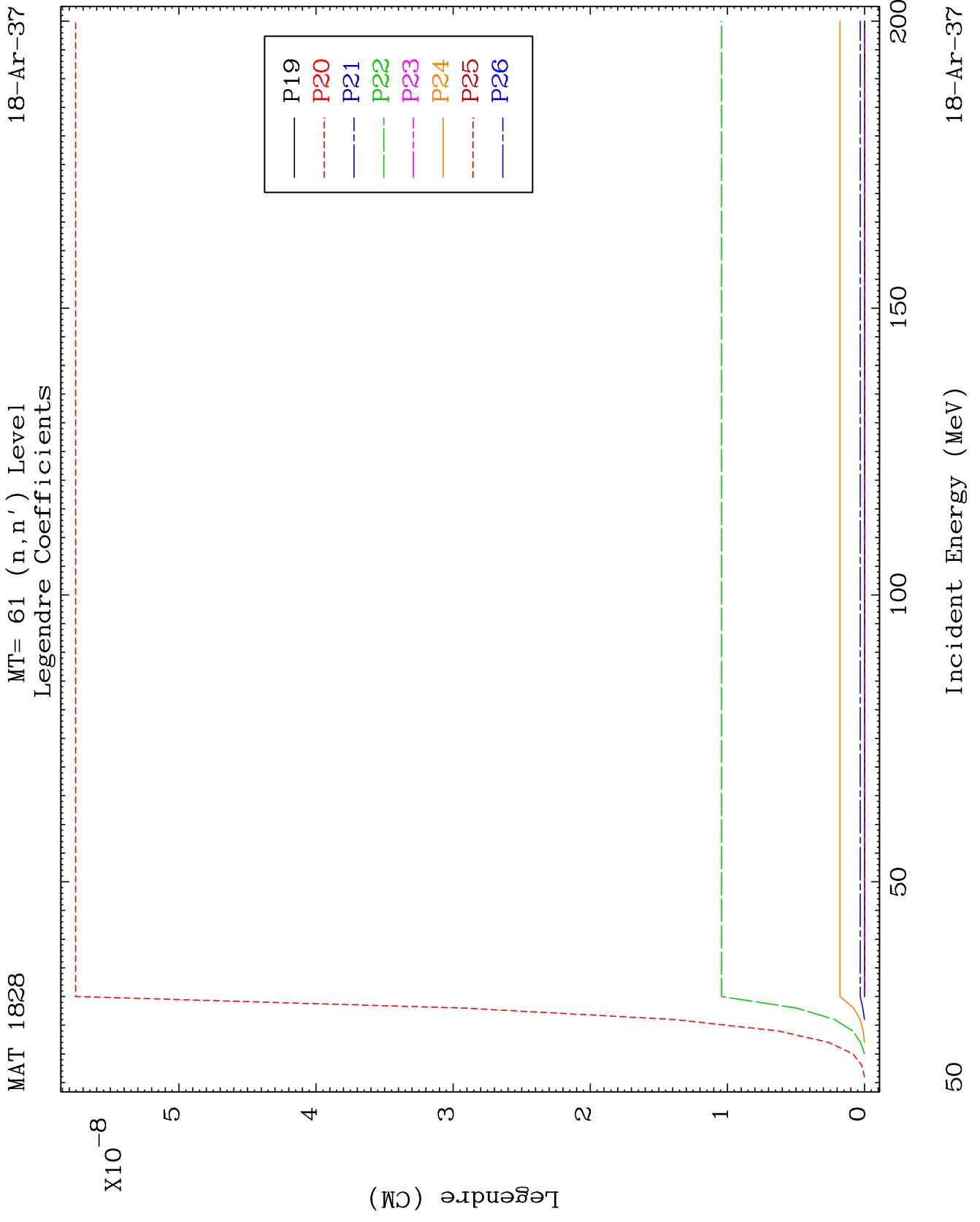
18-Ar-37

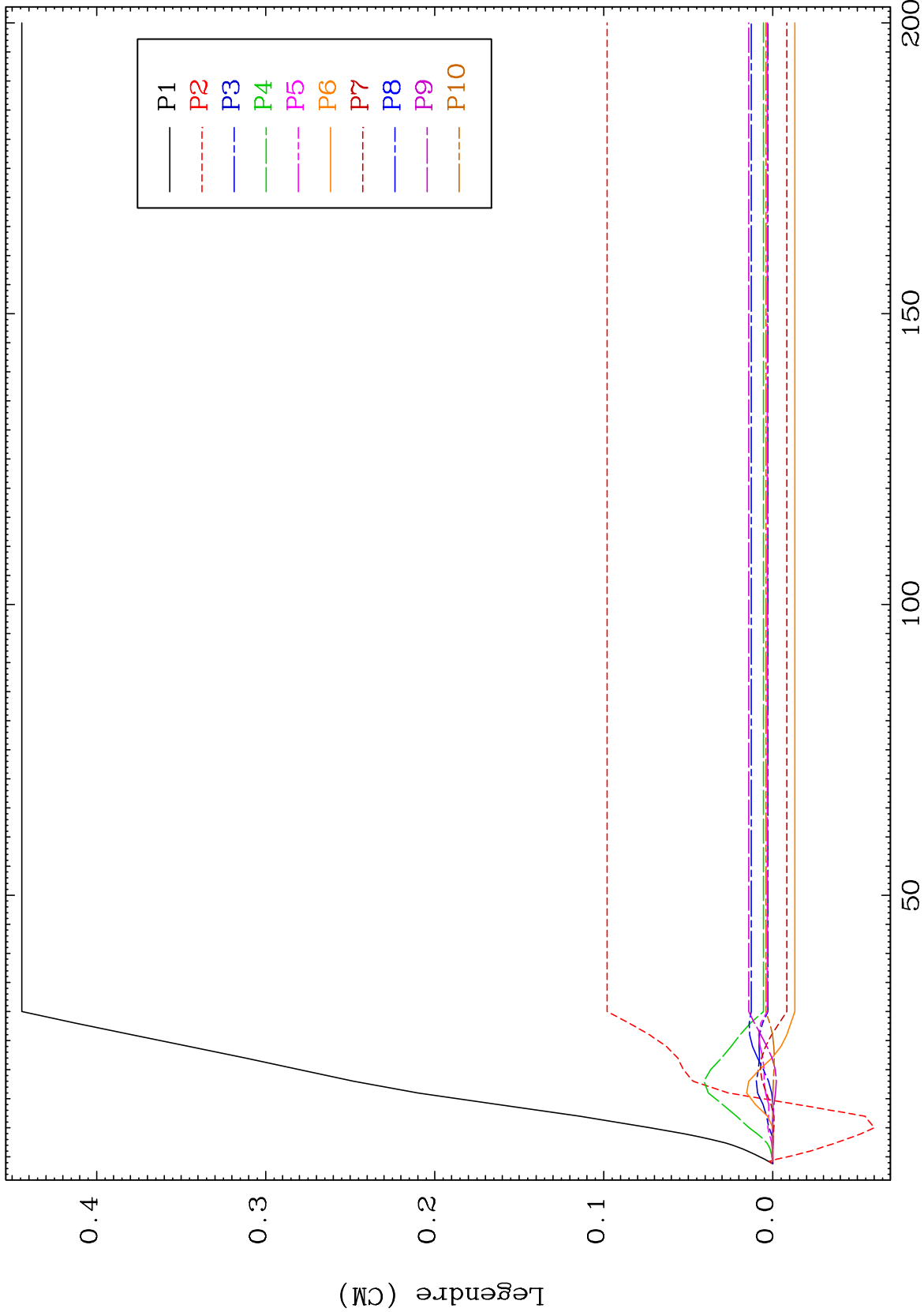


49

Incident Energy (MeV)

18-Ar-37

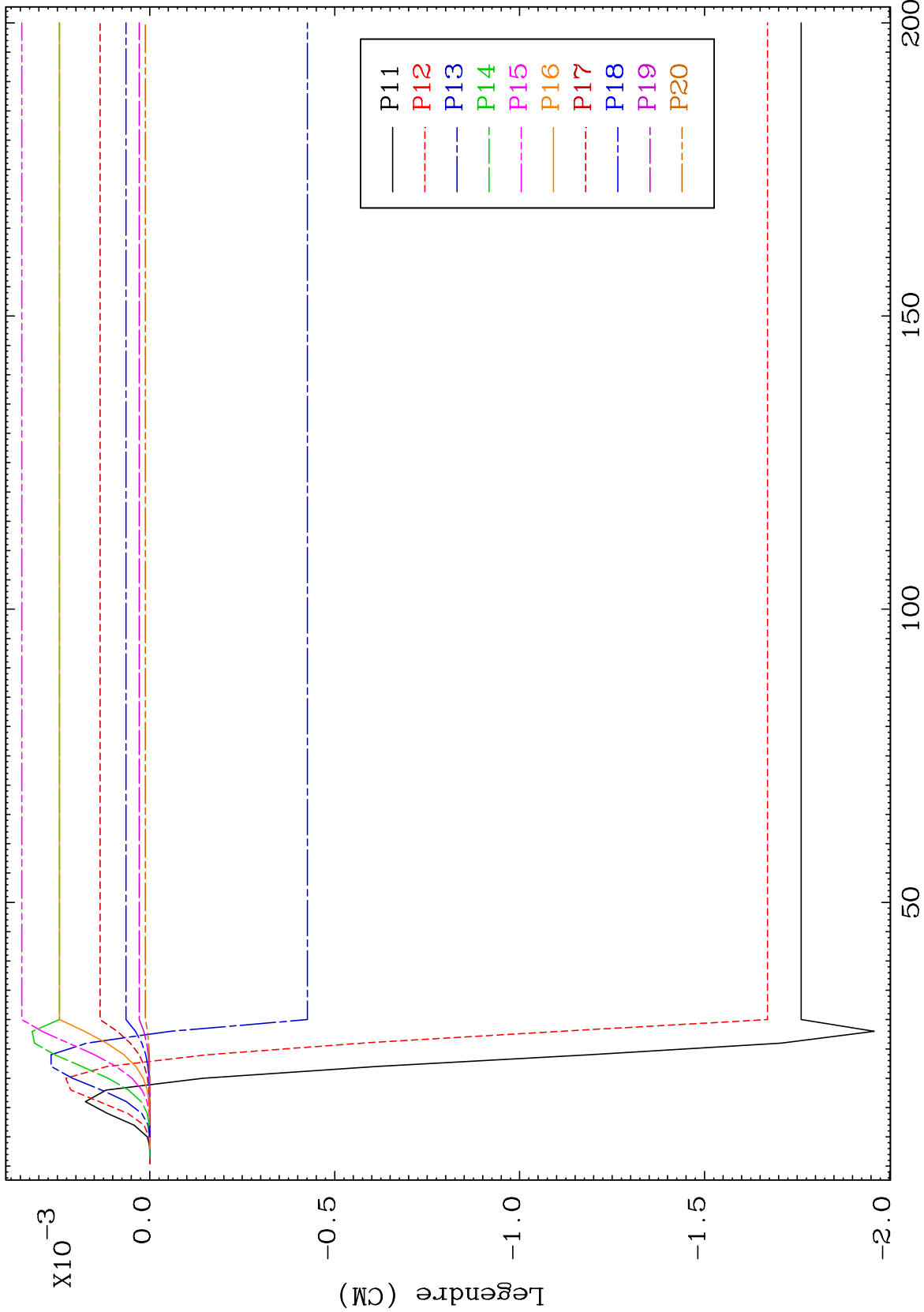




MAT 1828

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

18-Ar-37



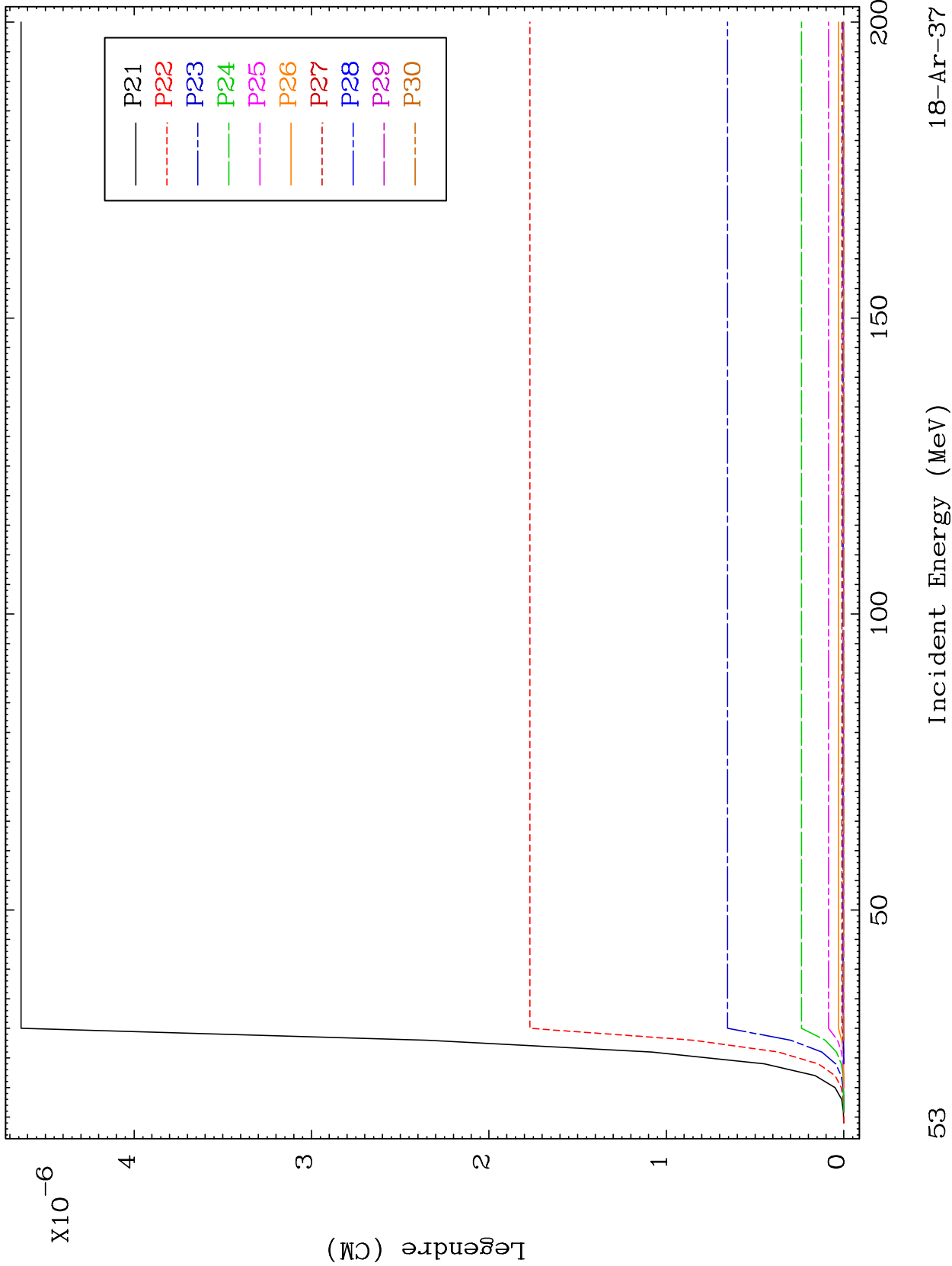
52

18-Ar-37

MAT 1828

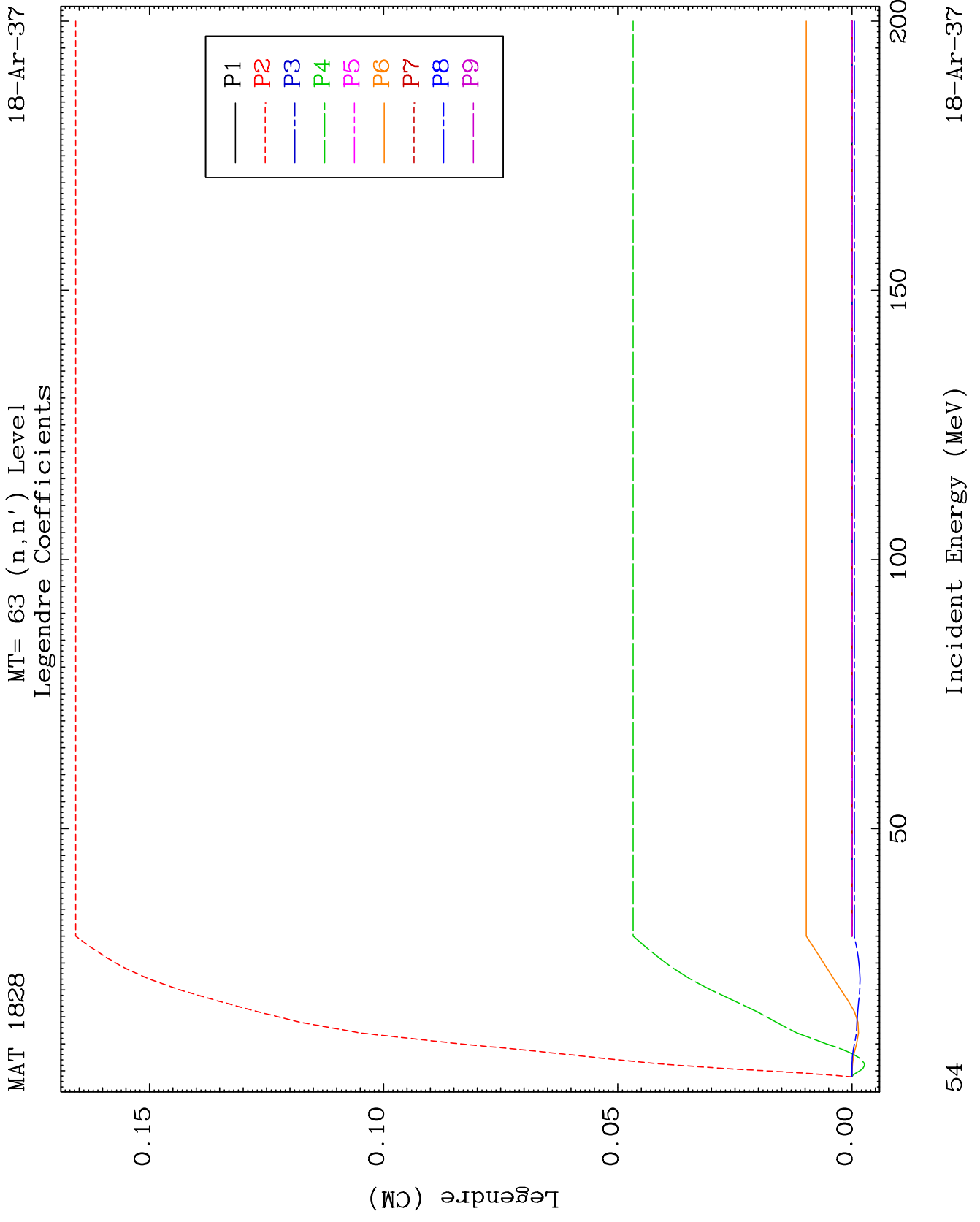
MT= 62 (n,n') Level  
Legendre Coefficients

18-Ar-37



53

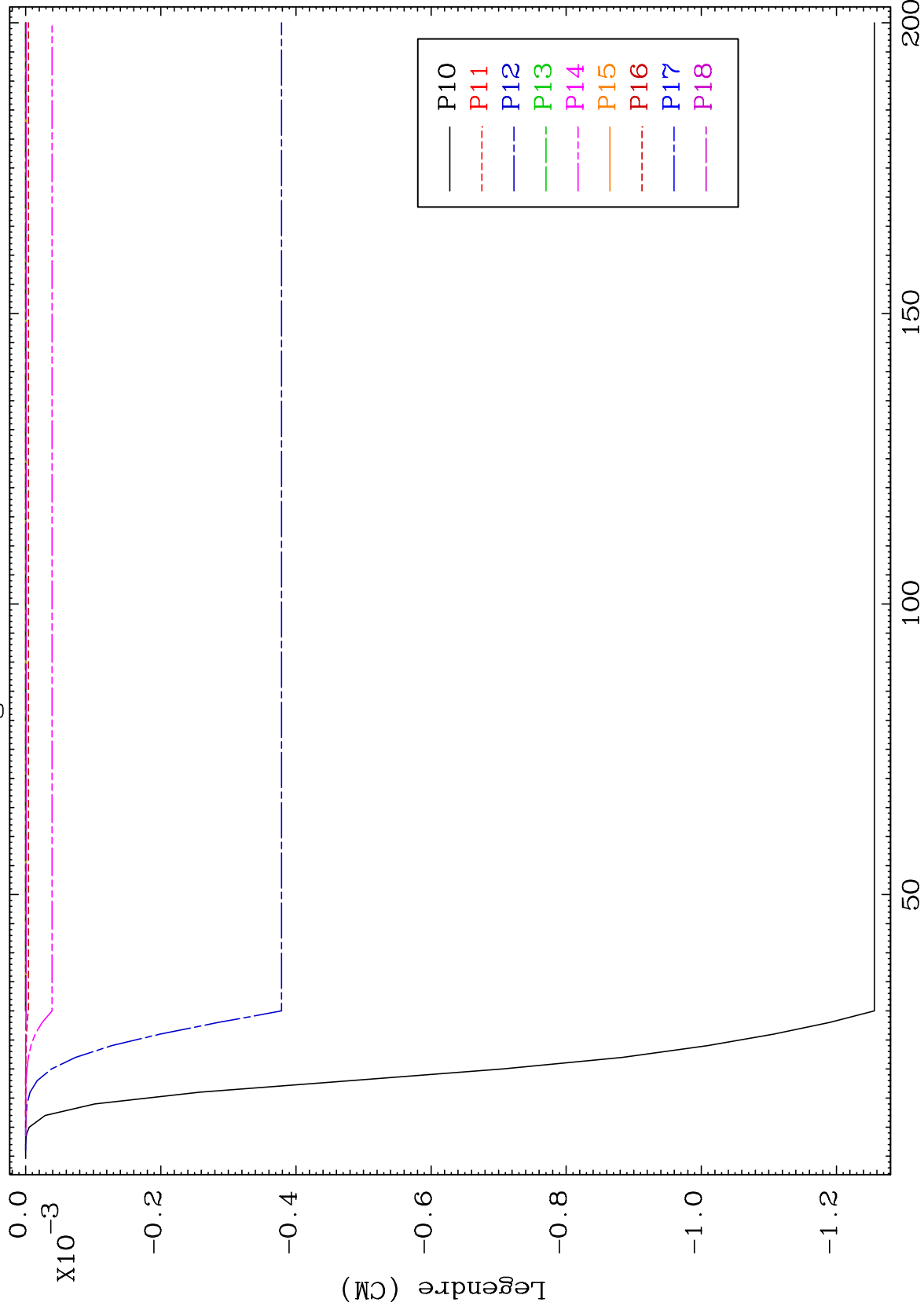
18-Ar-37



MAT 1828

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

18-Ar-37



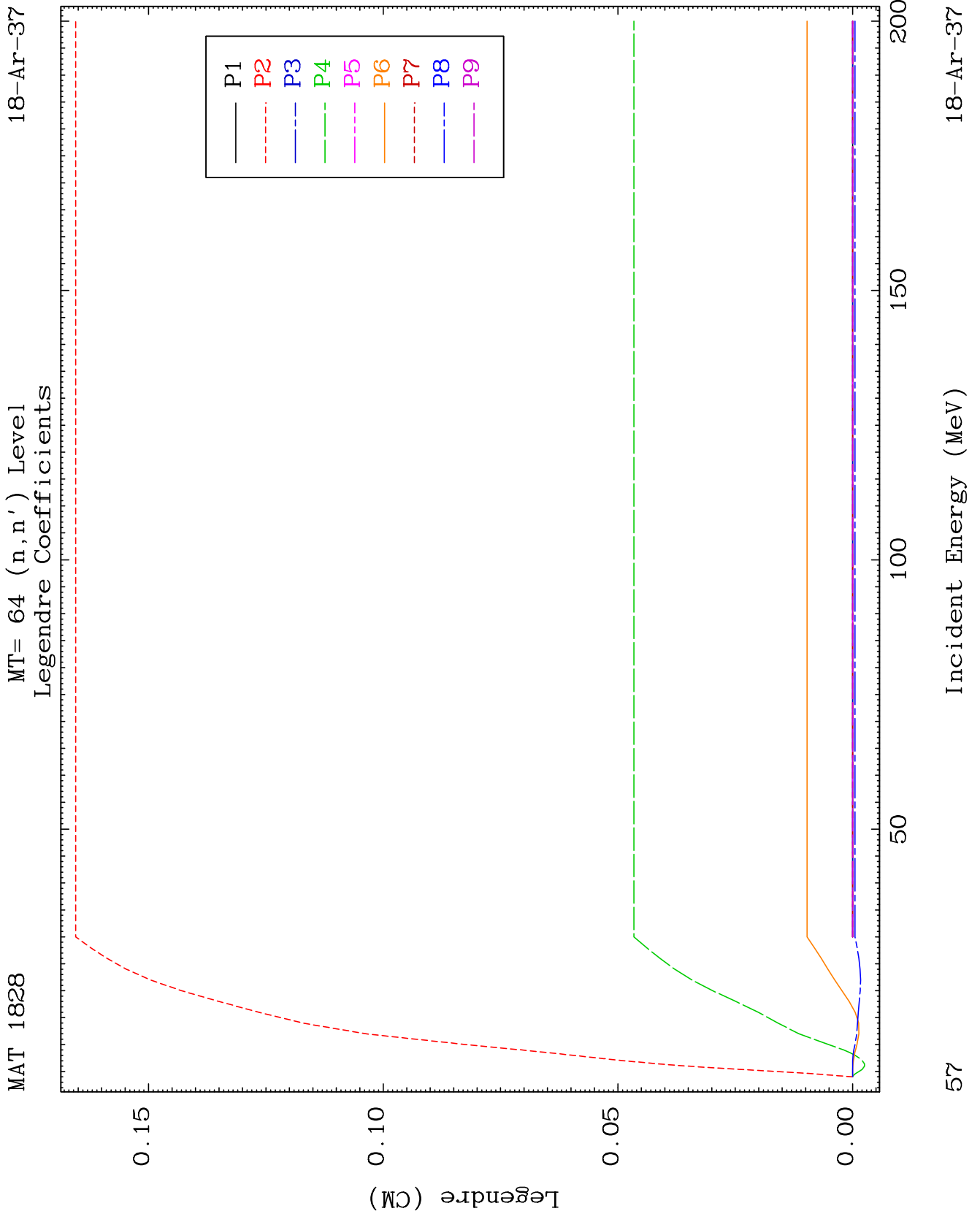
55

Incident Energy (MeV)

18-Ar-37



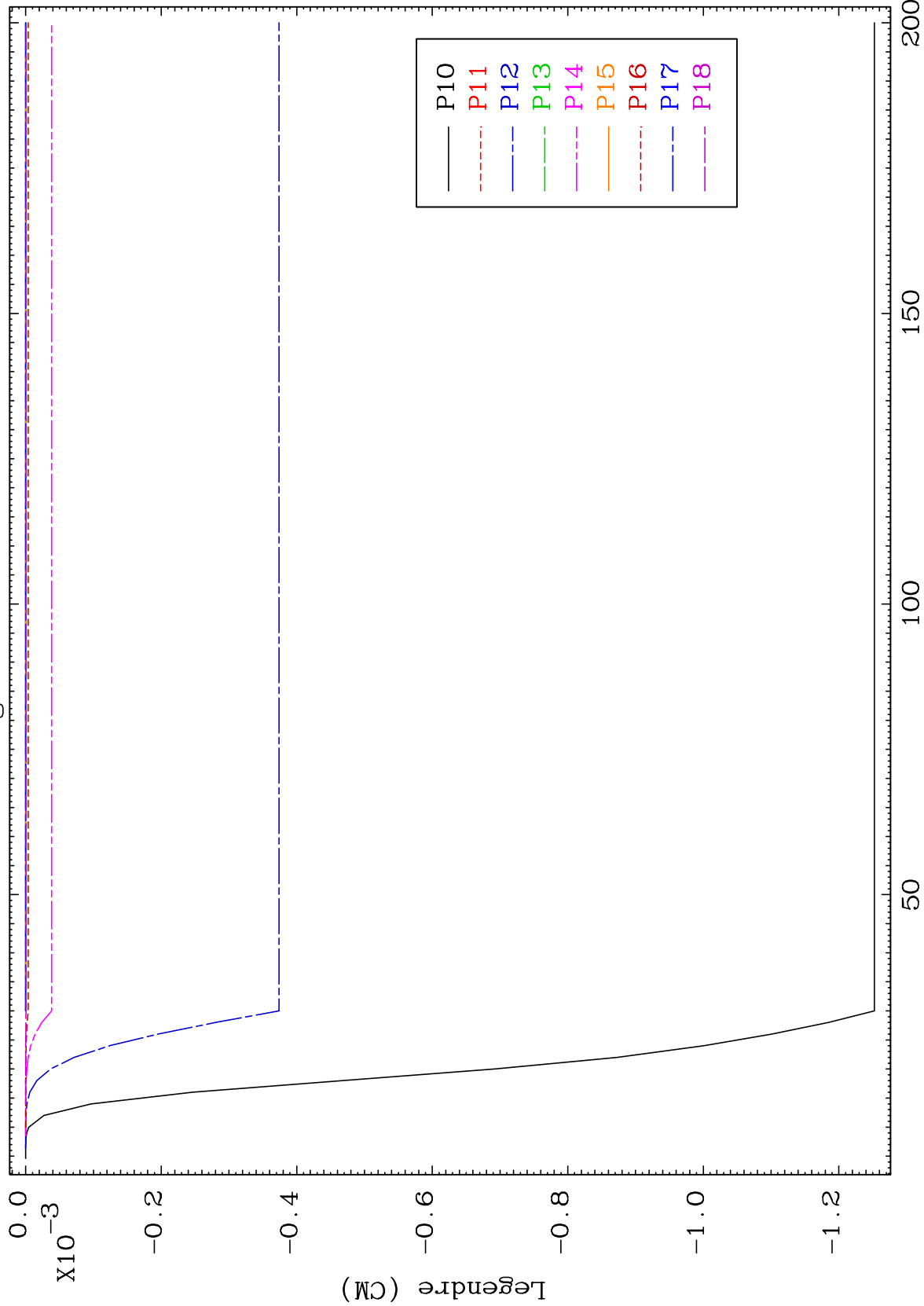




MAT 1828

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

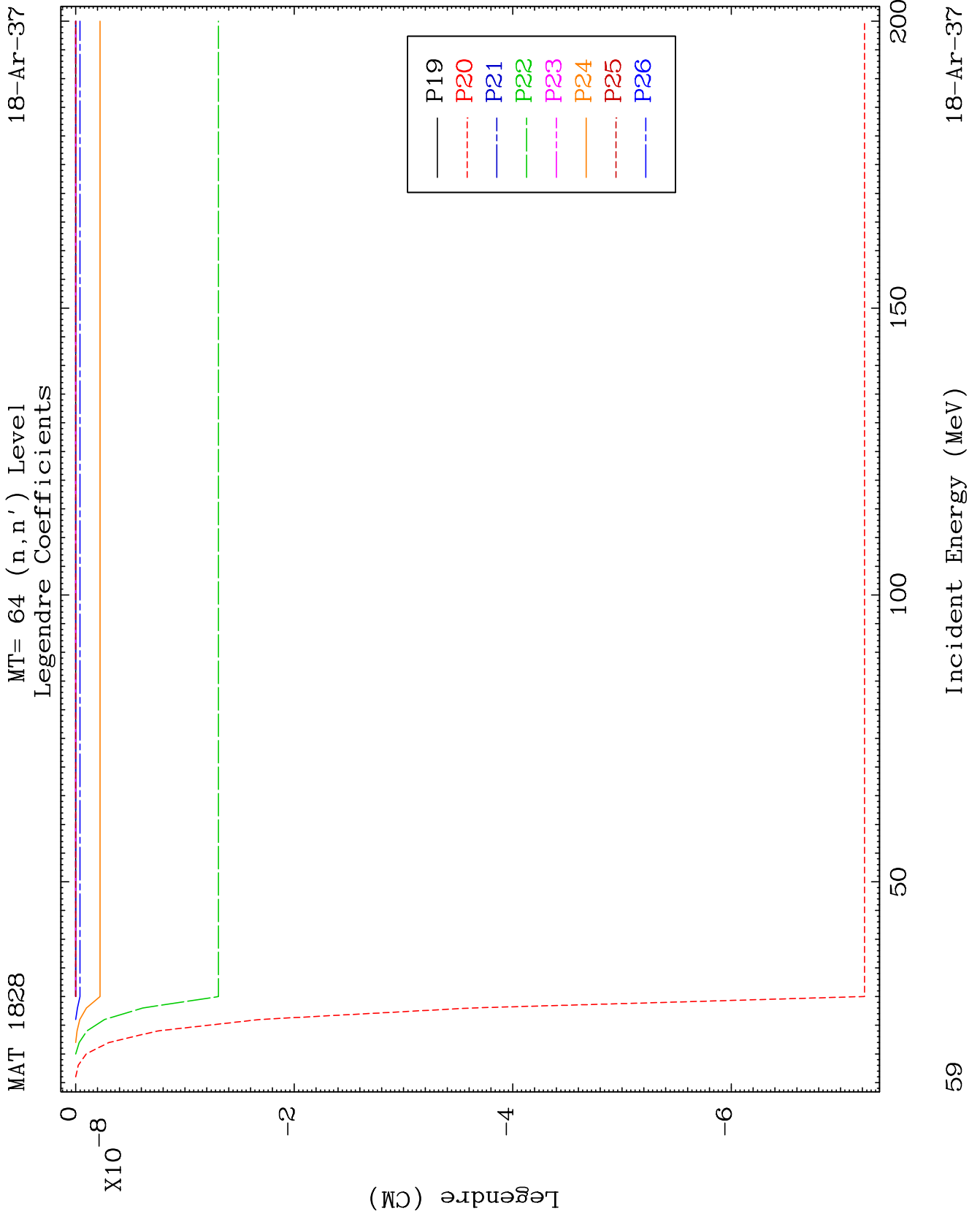
18-Ar-37



58

Incident Energy (MeV)

18-Ar-37

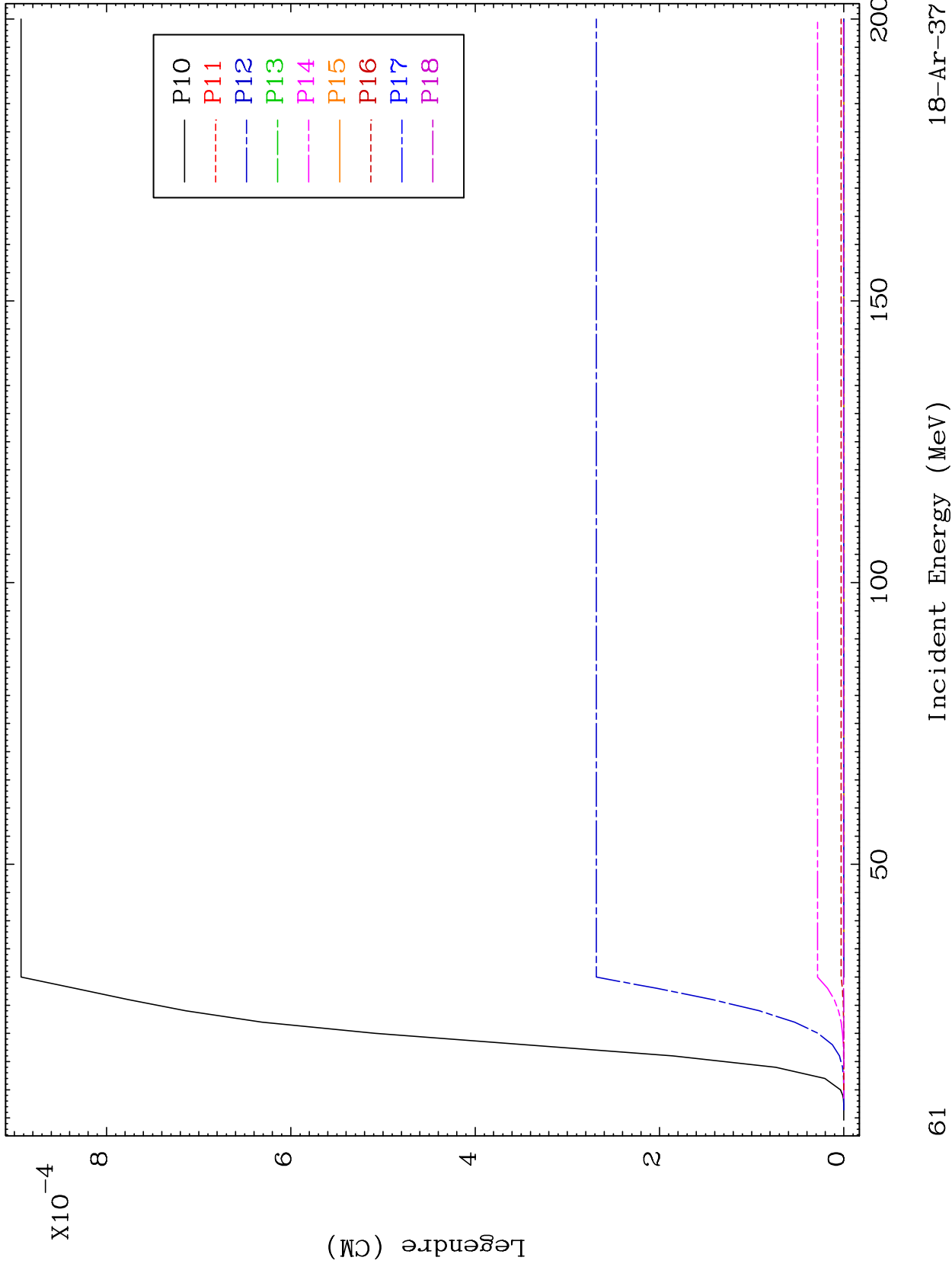


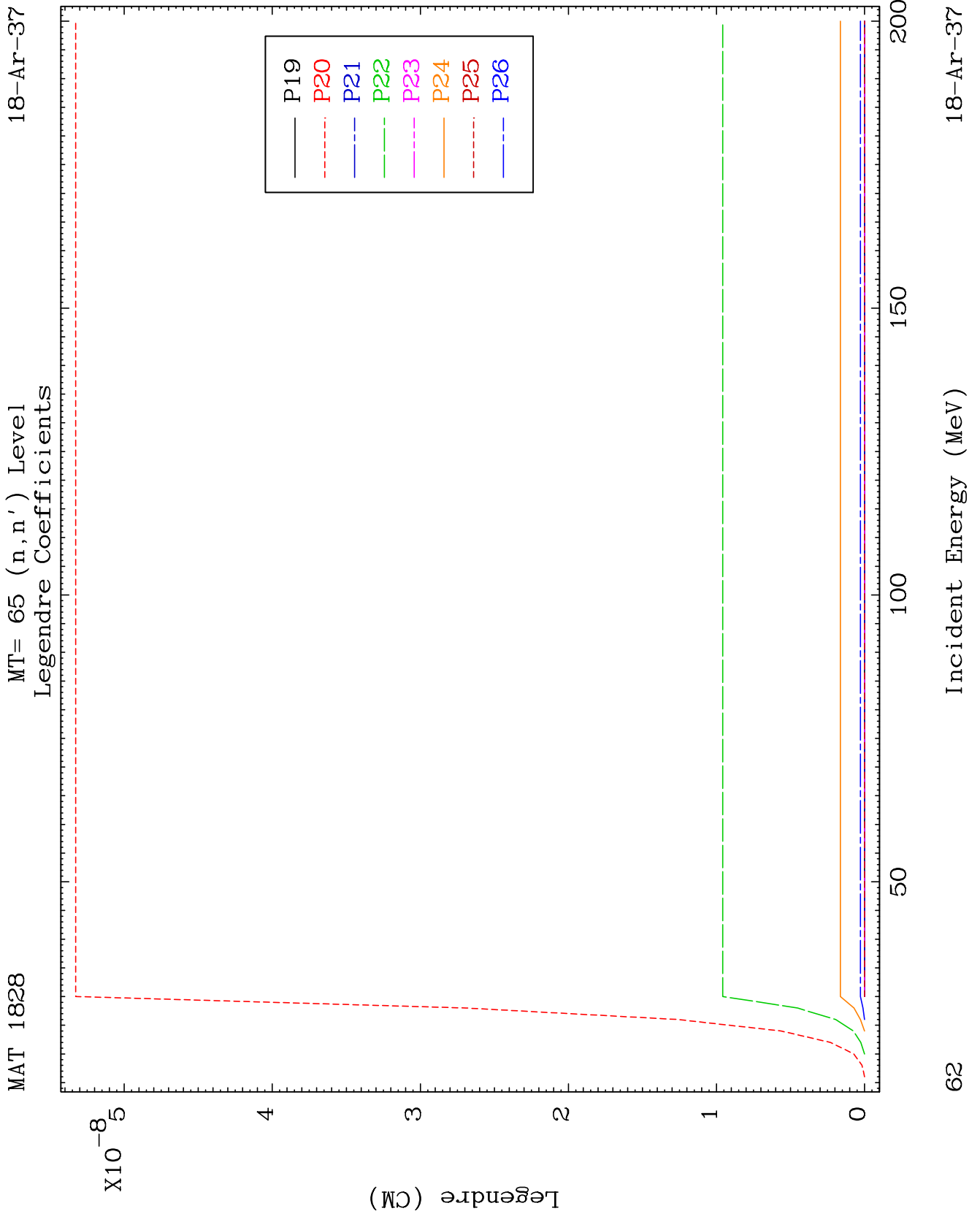


MAT 1828

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

18-Ar-37

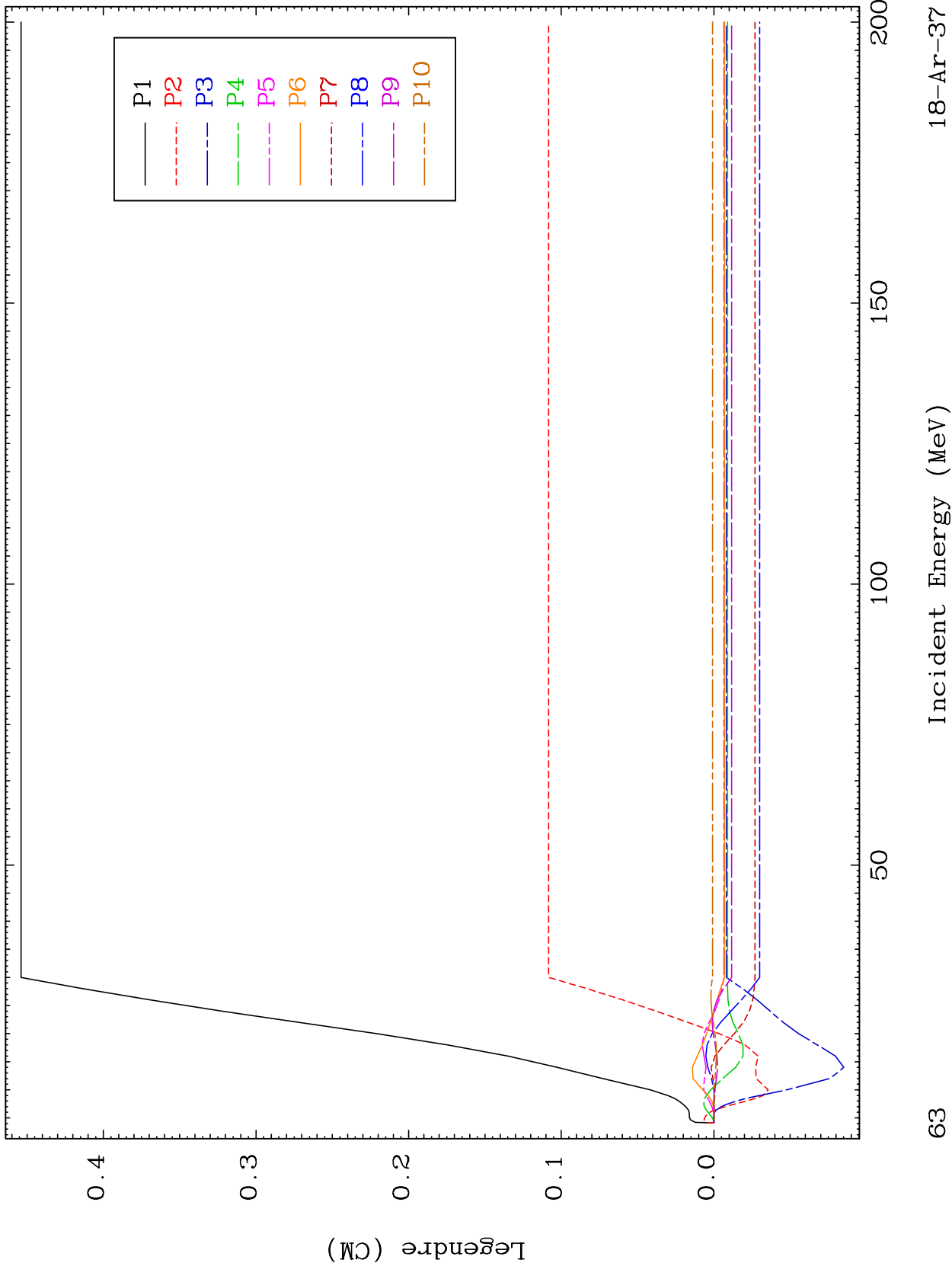




MAT 1828

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

18-Ar-37

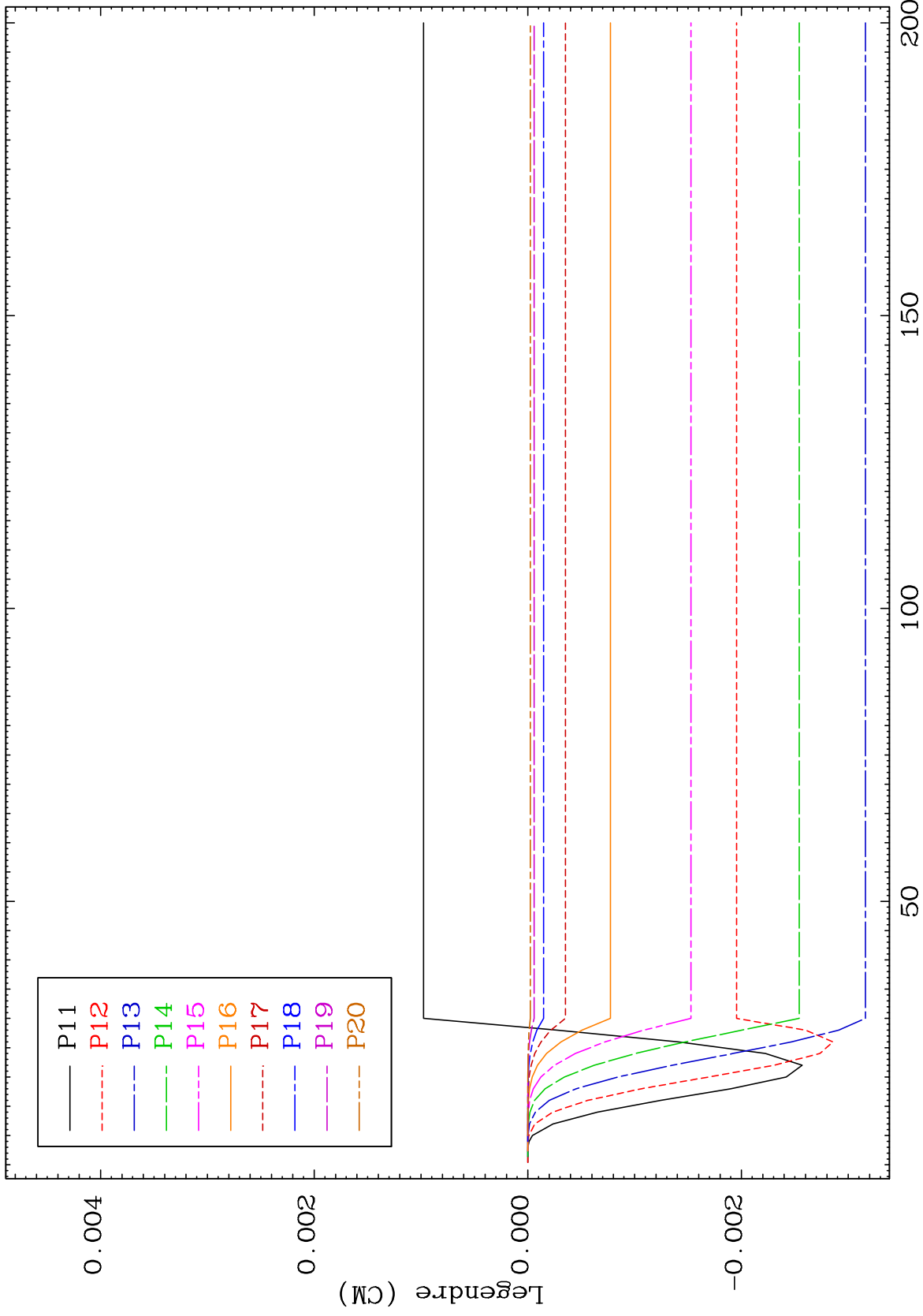


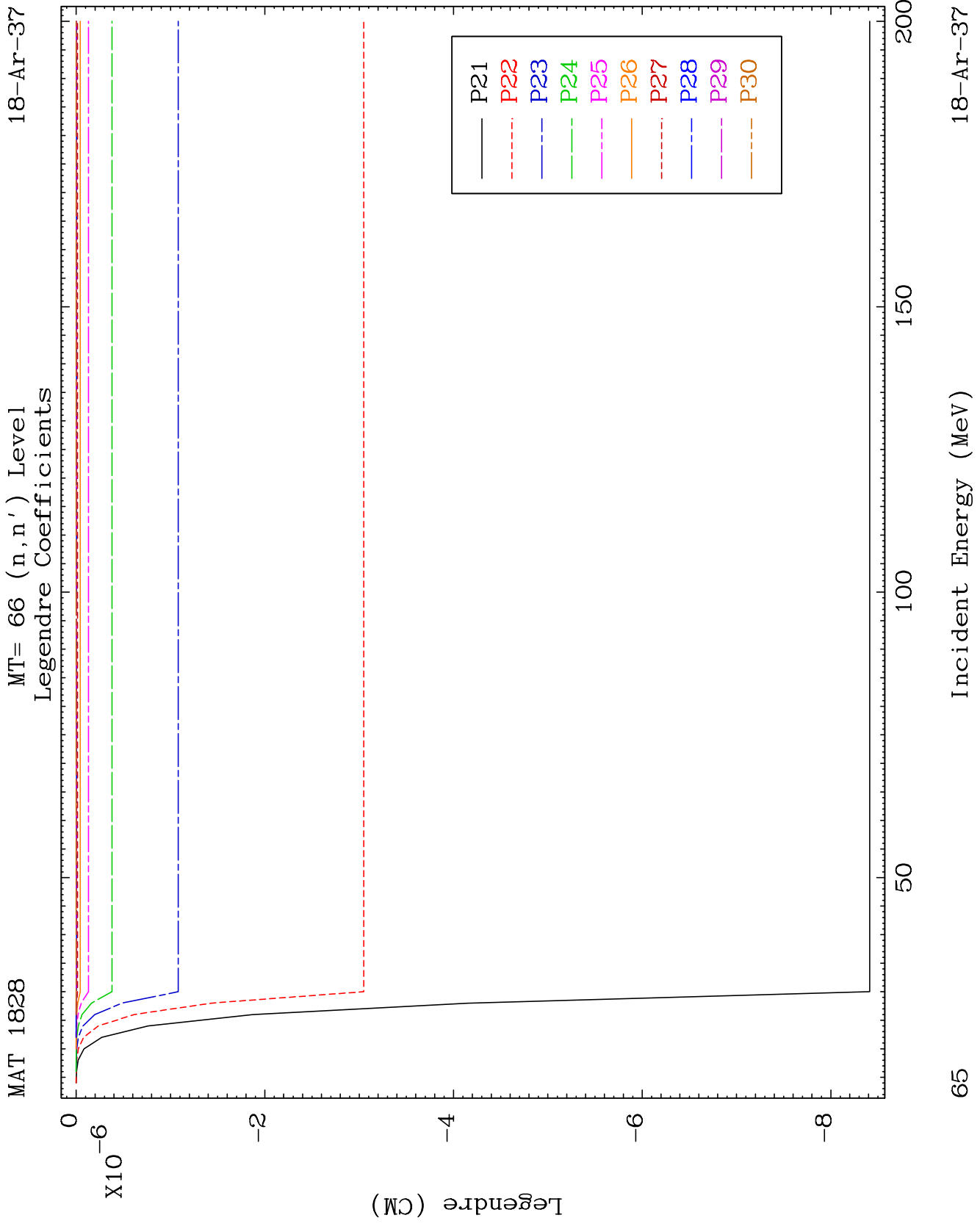
63

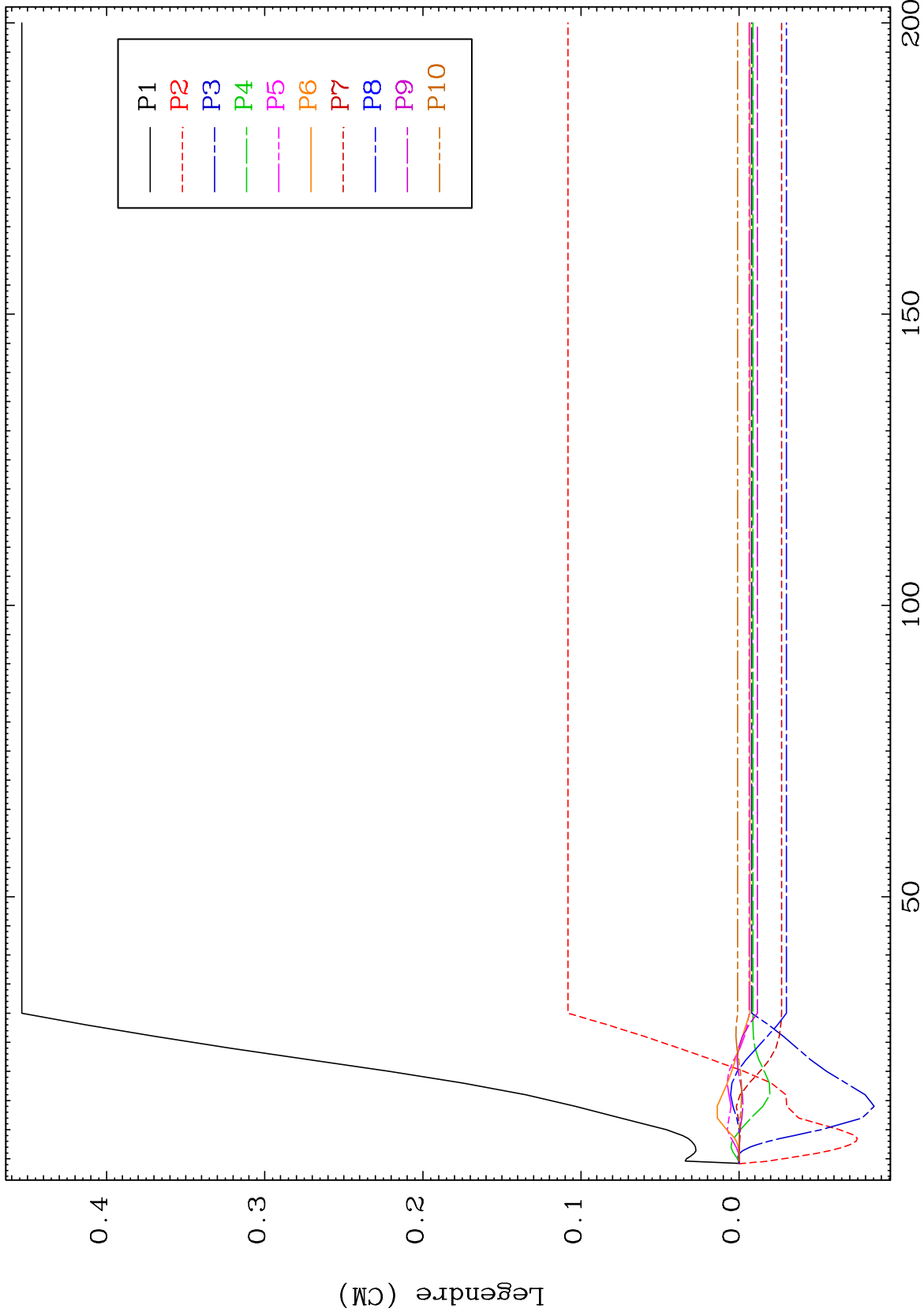
Incident Energy (MeV)

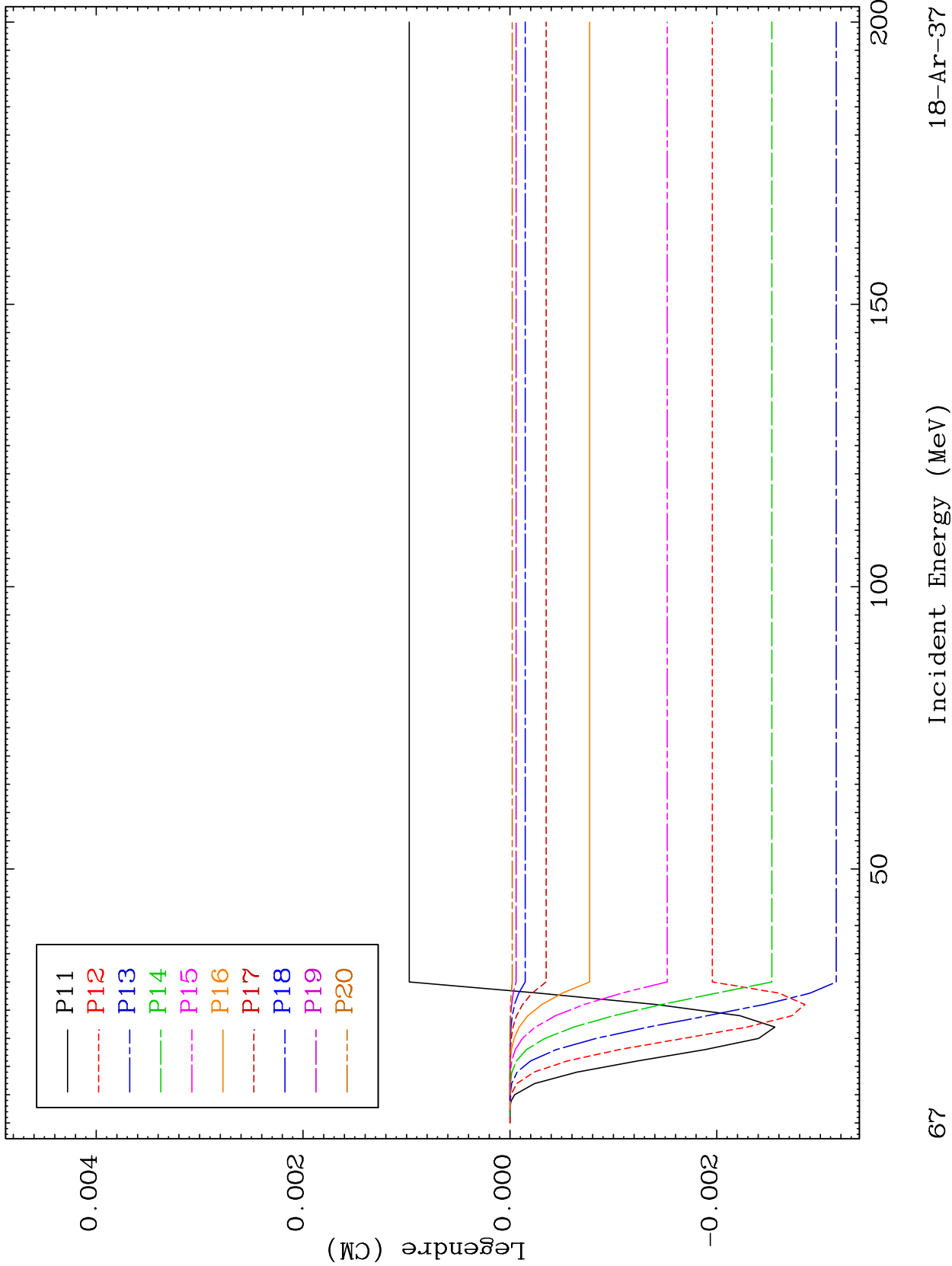
18-Ar-37

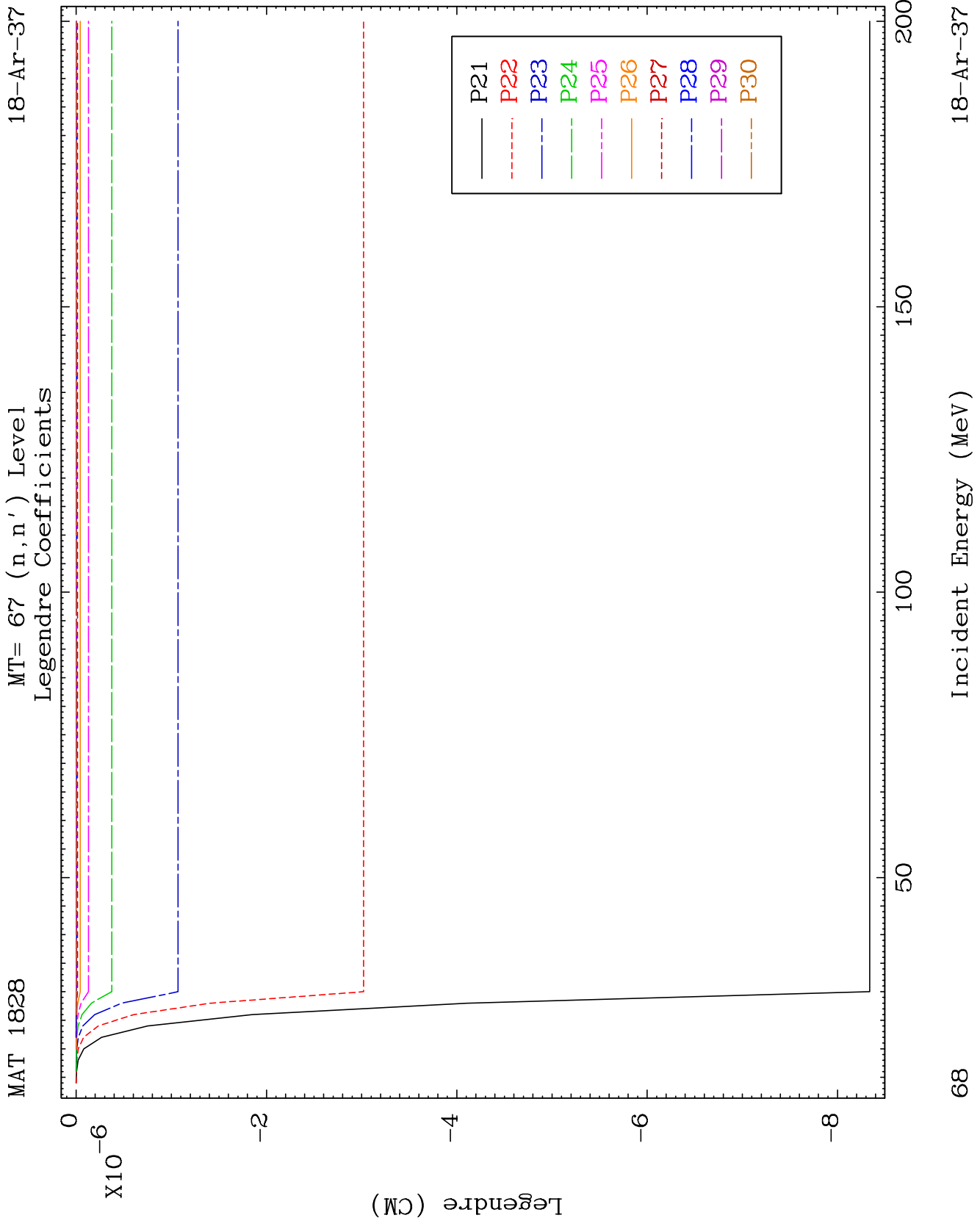








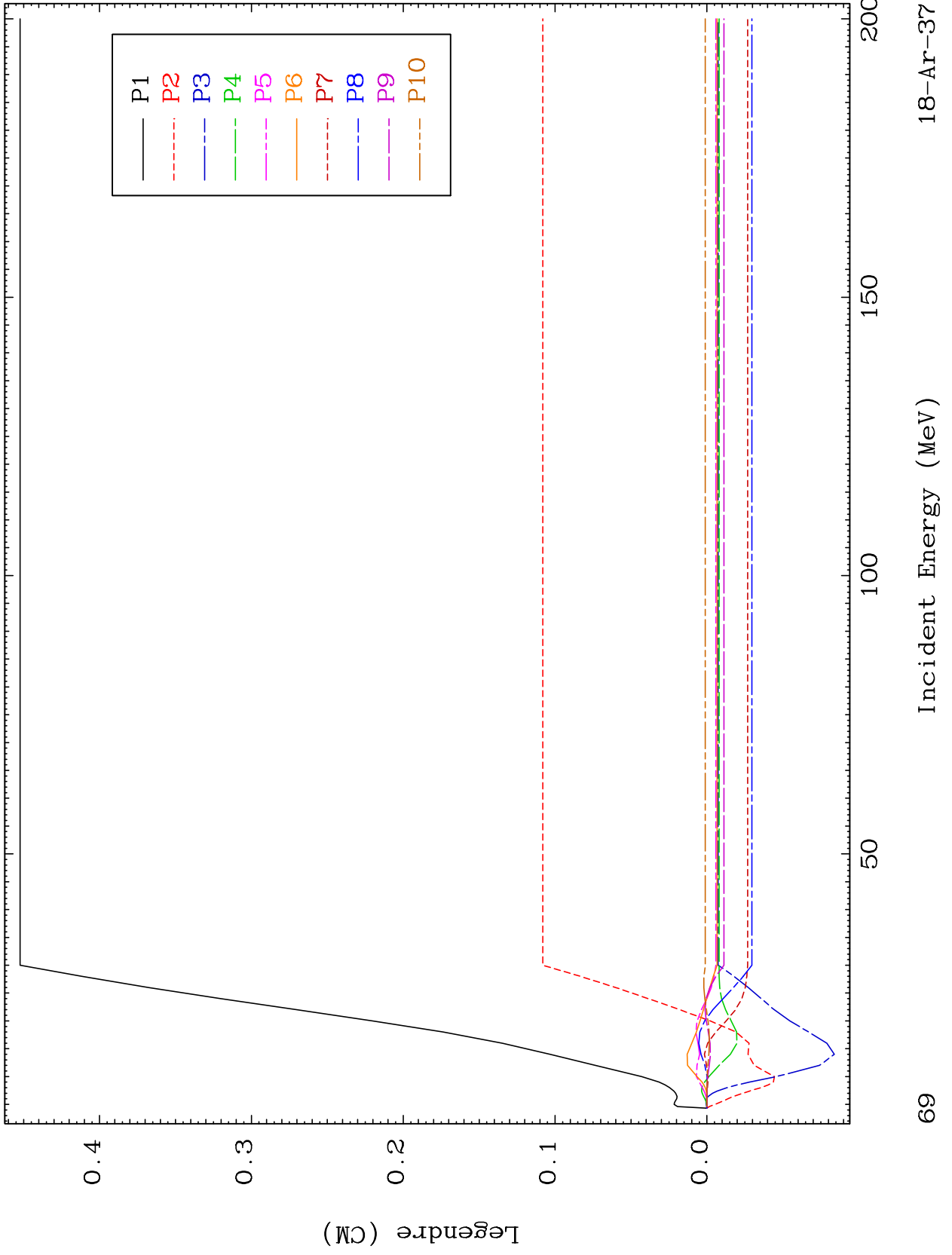




MAT 1828

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

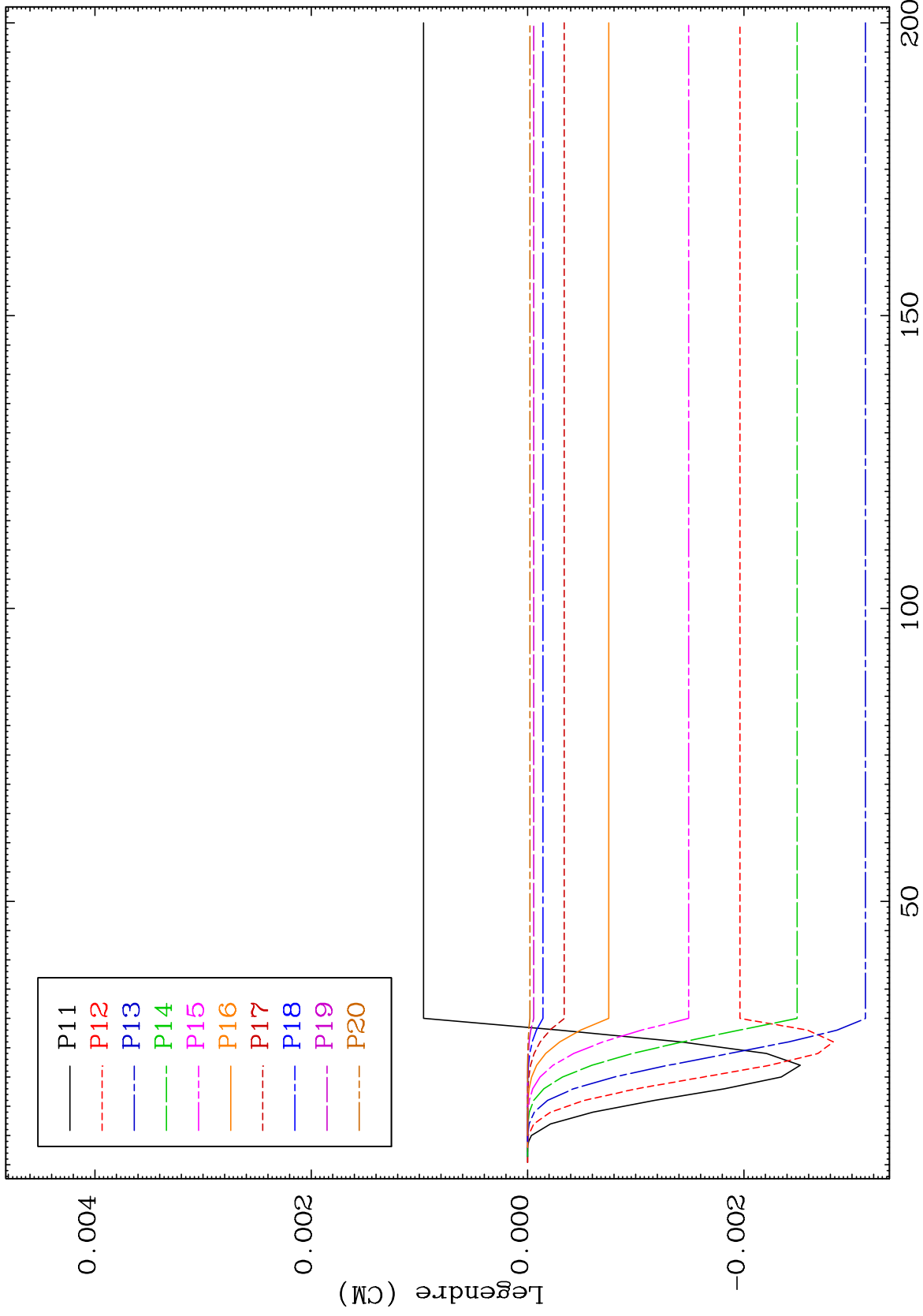
18-Ar-37



MAT 1828

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

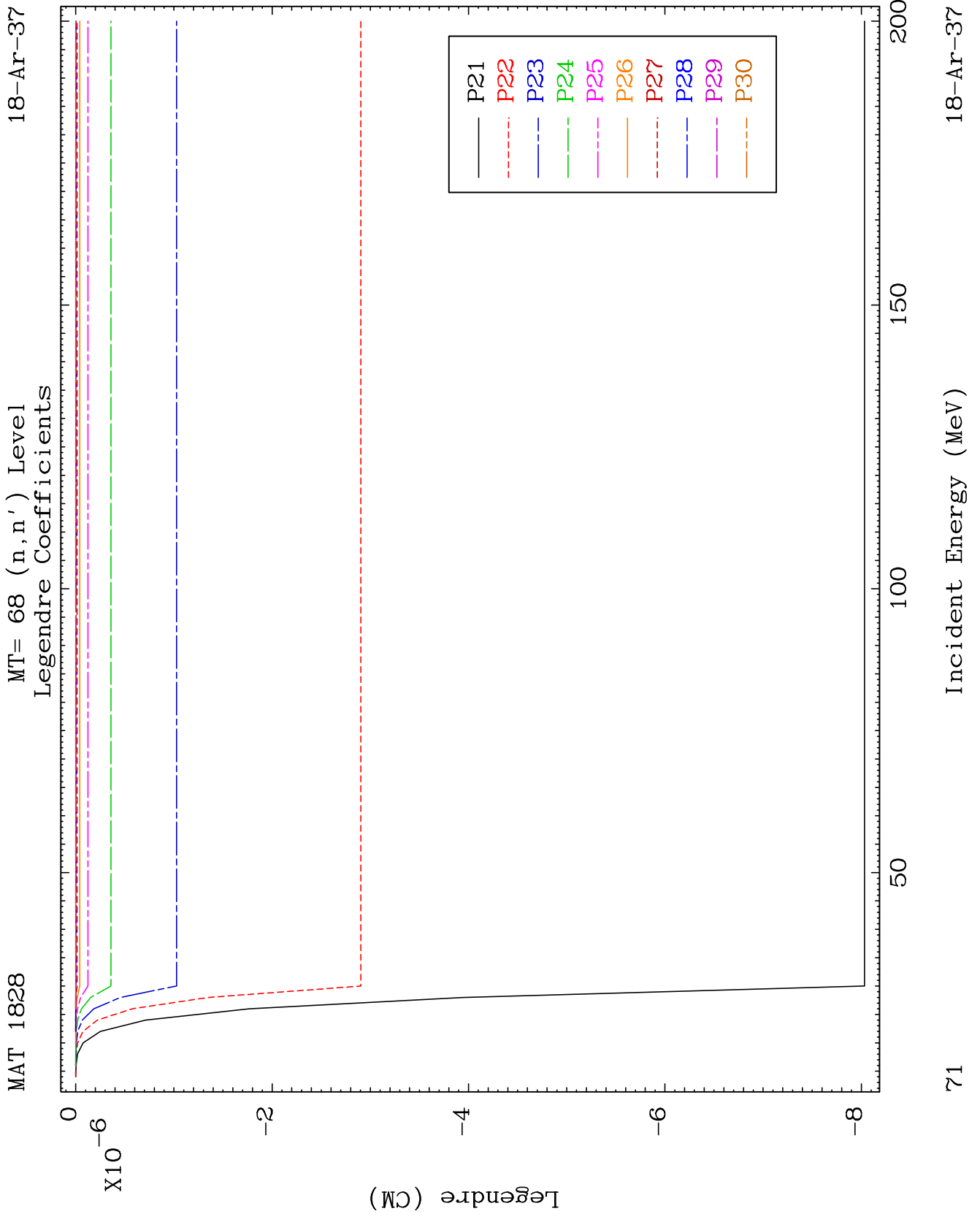
18-Ar-37



70

Incident Energy (MeV)

18-Ar-37

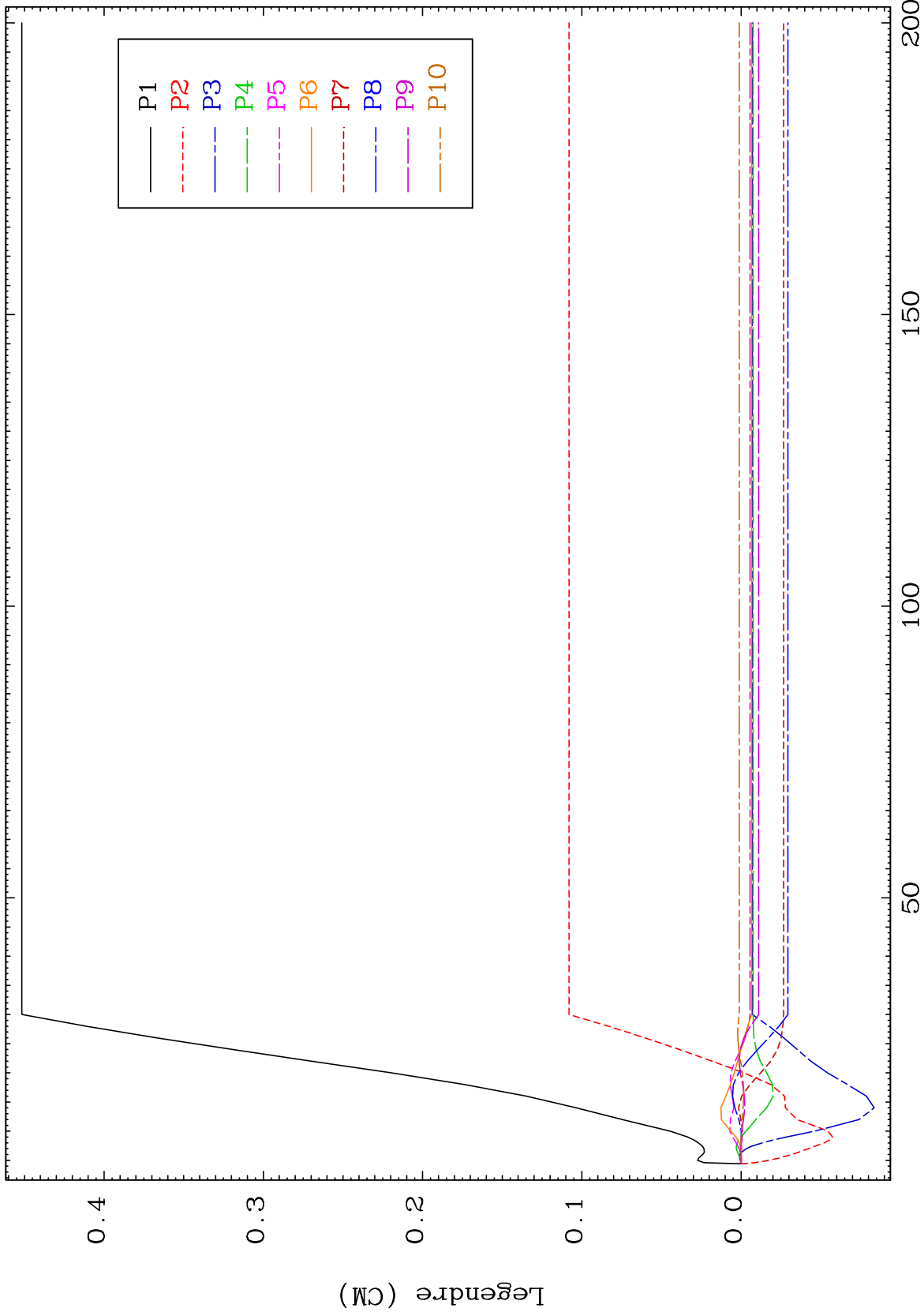




MAT 1828

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

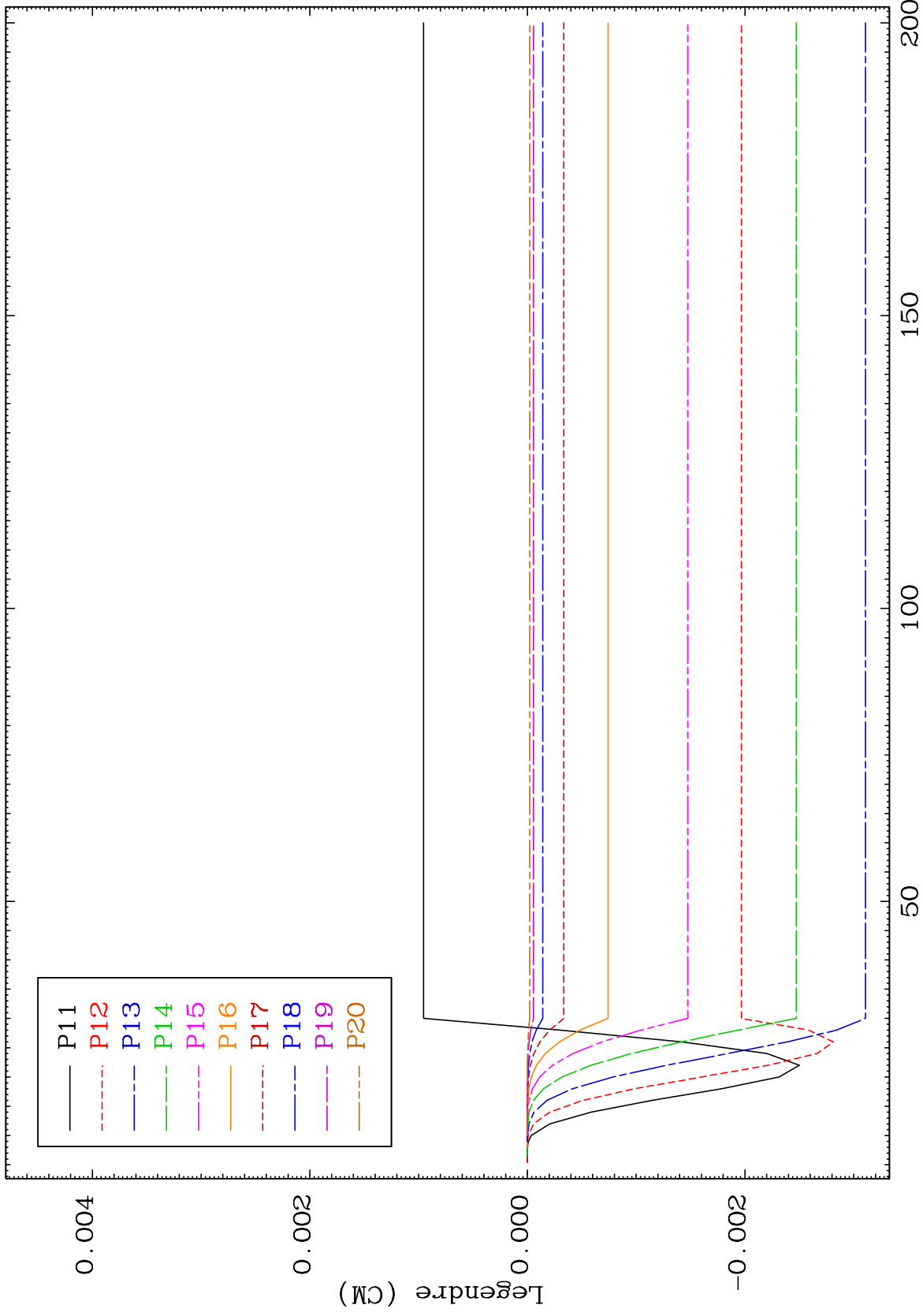
18-Ar-37

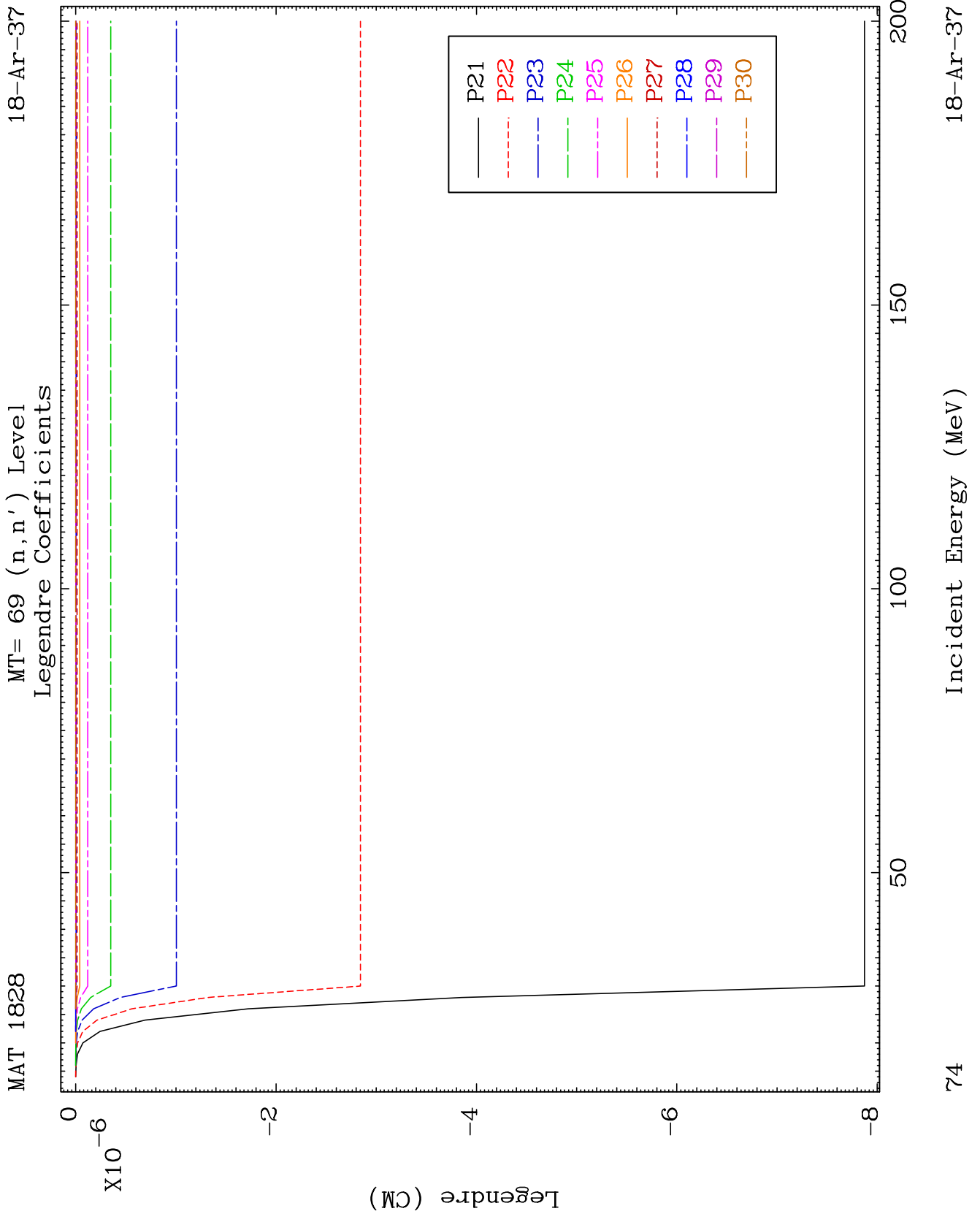


72

Incident Energy (MeV)

18-Ar-37

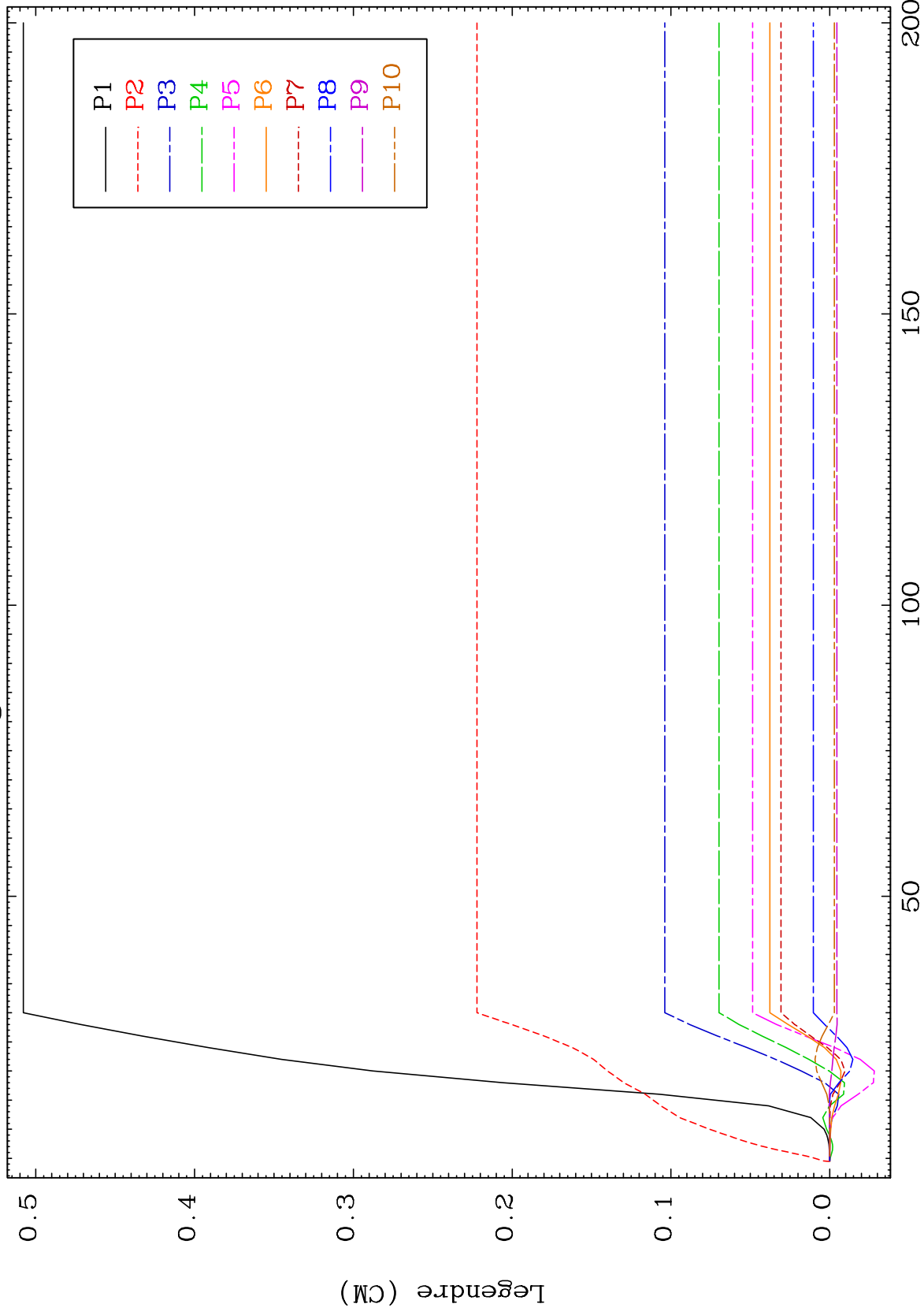




MAT 1828

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

18-Ar-37



75

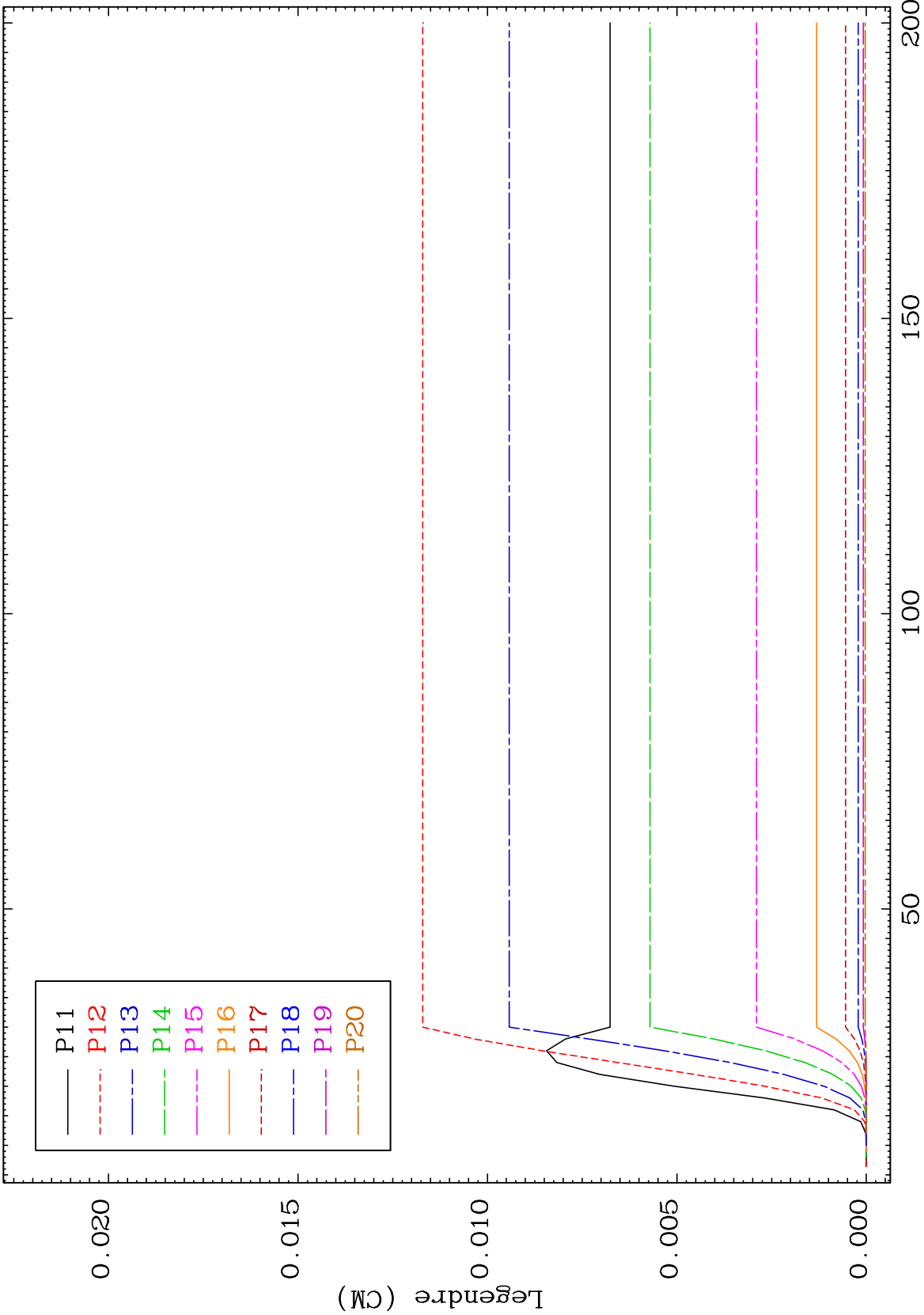
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



76

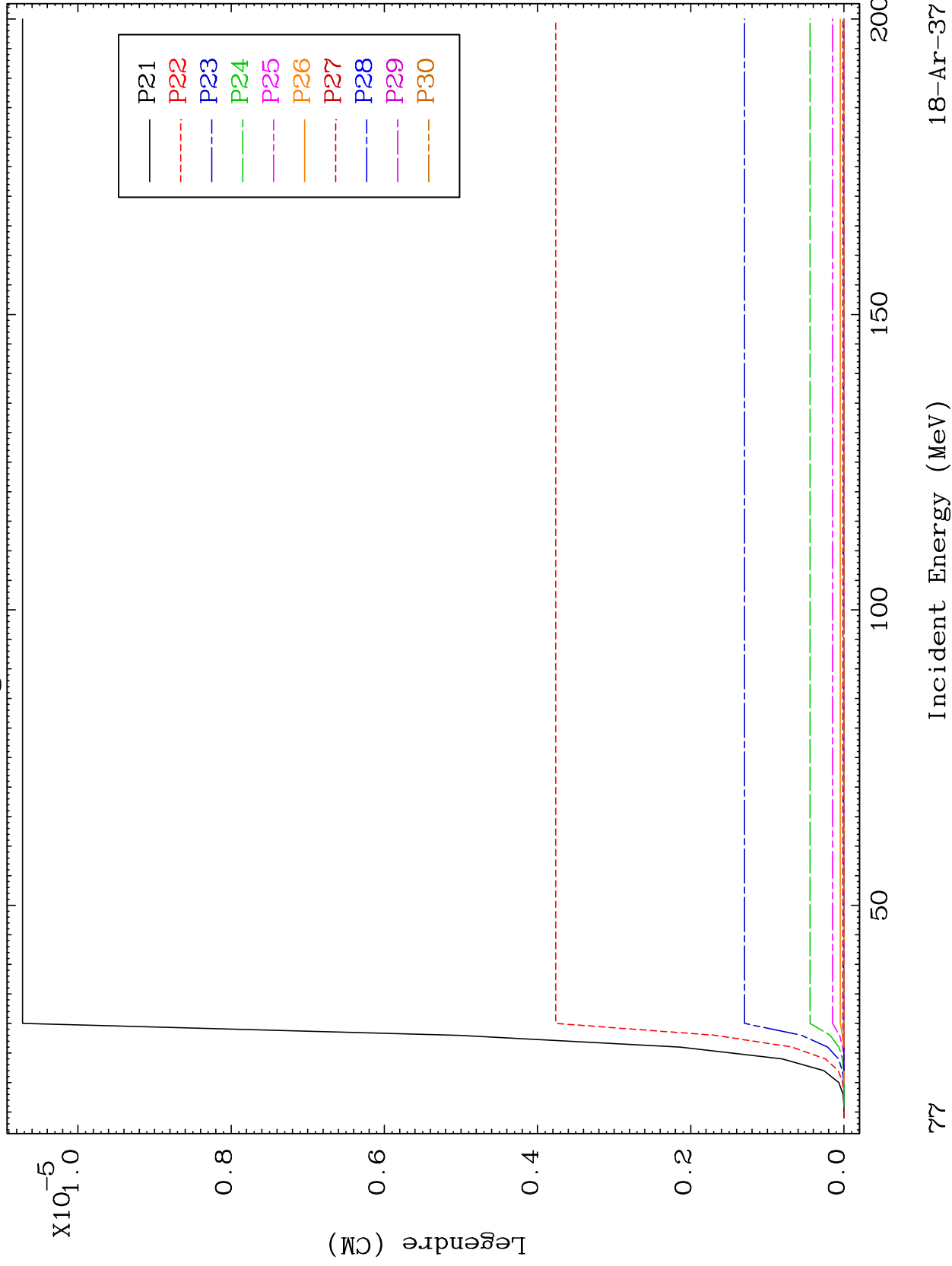
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

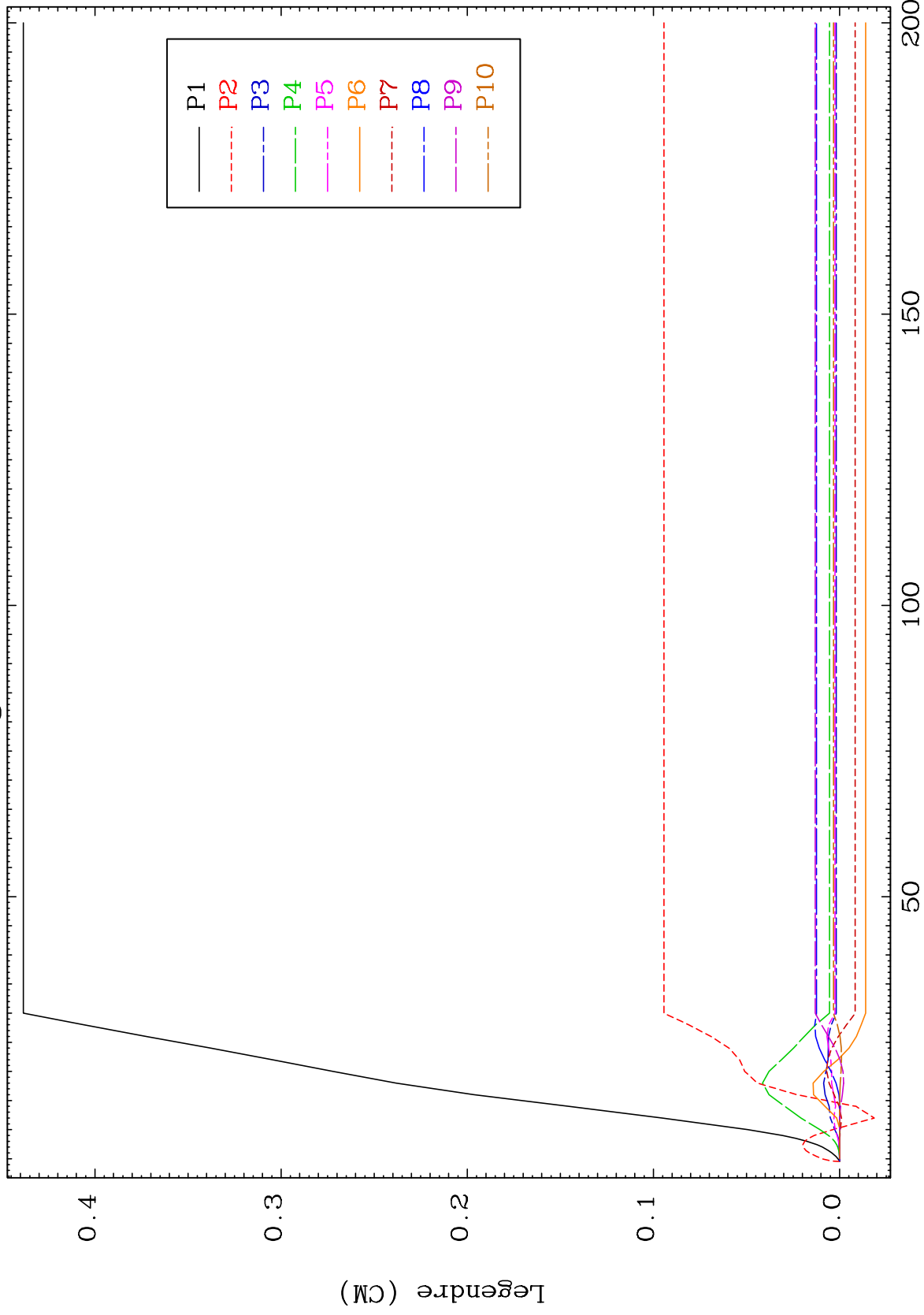
18-Ar-37



MAT 1828

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

18-Ar-37



78

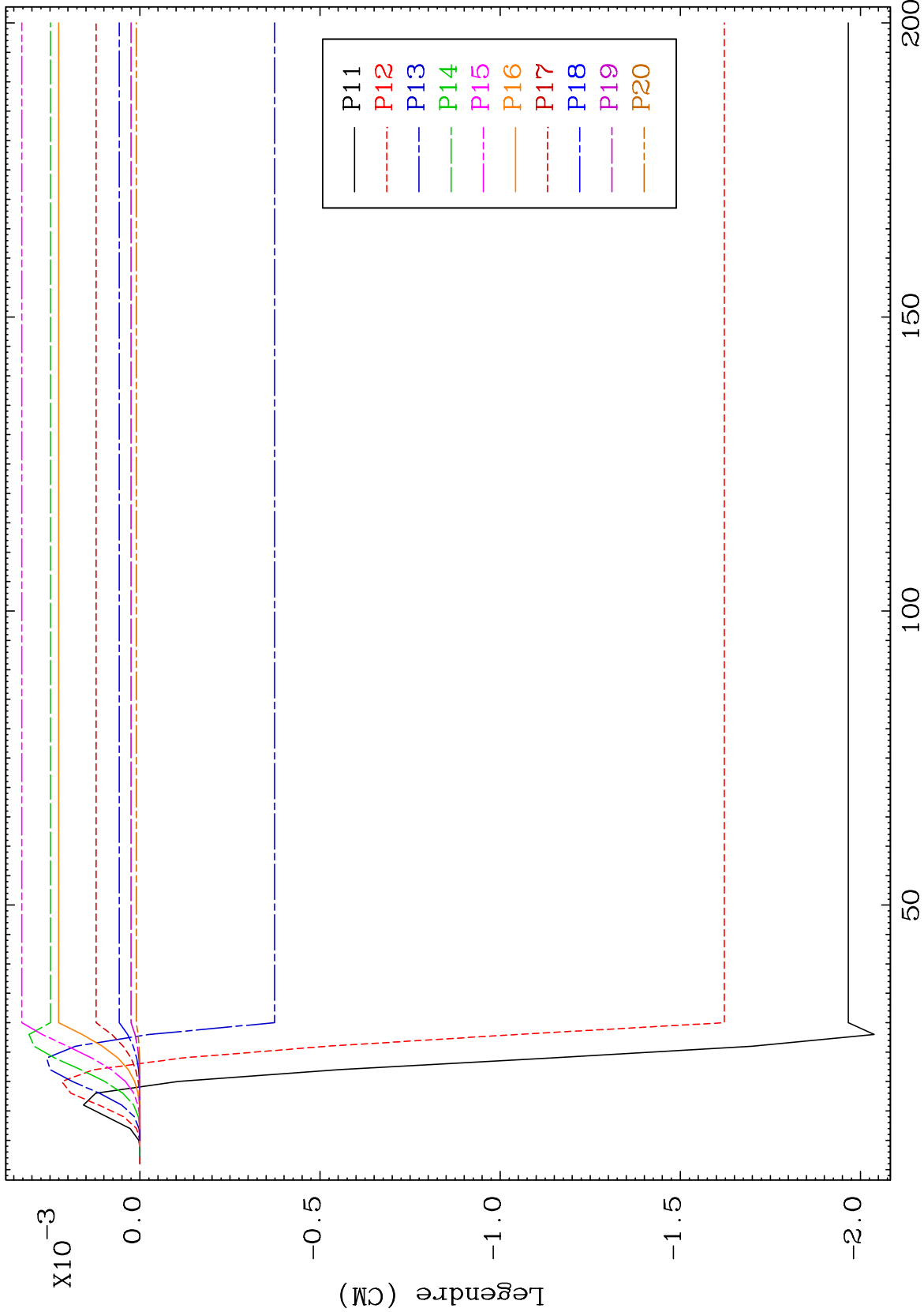
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



79

Incident Energy (MeV)

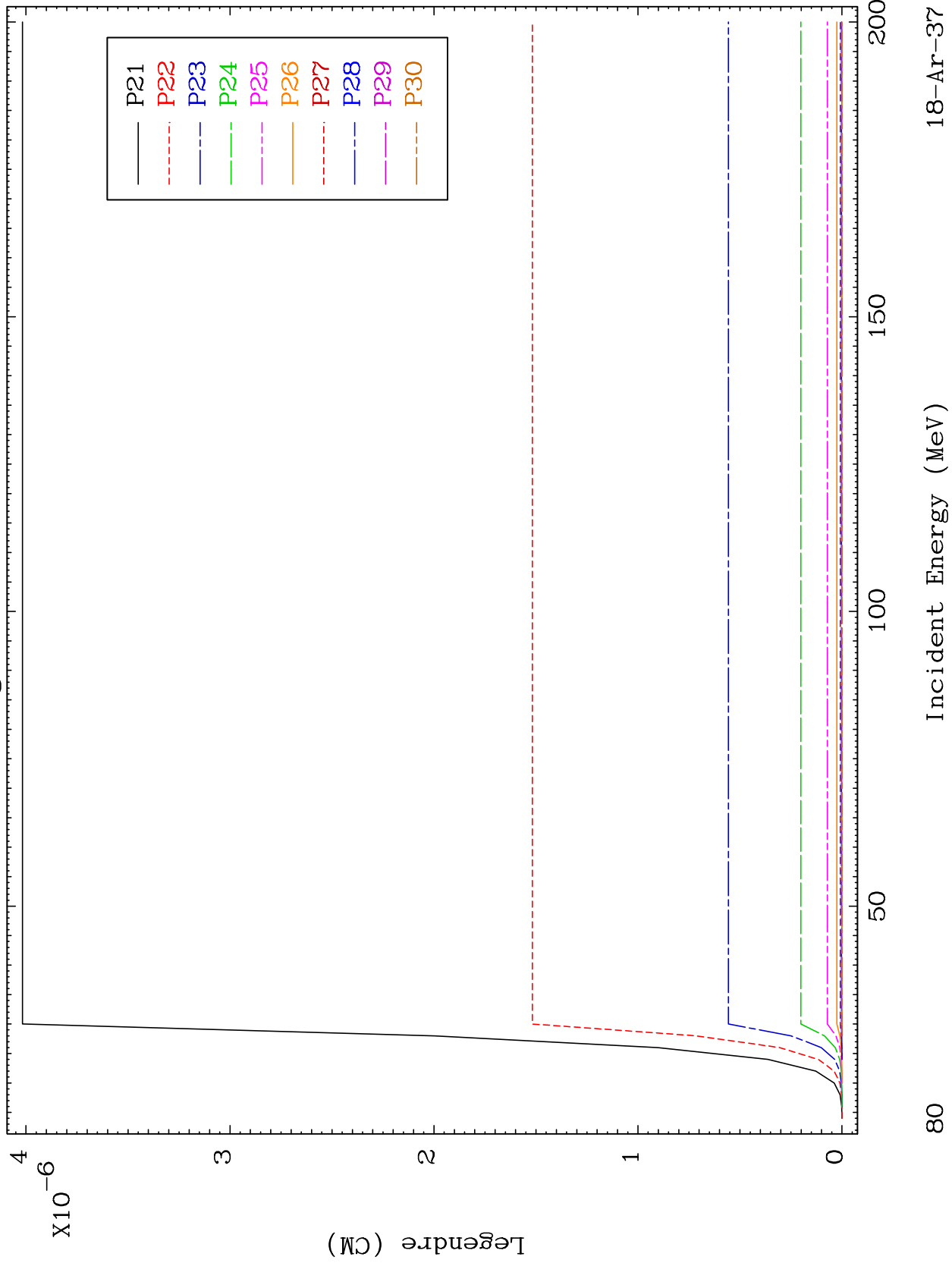
18-Ar-37



MAT 1828

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

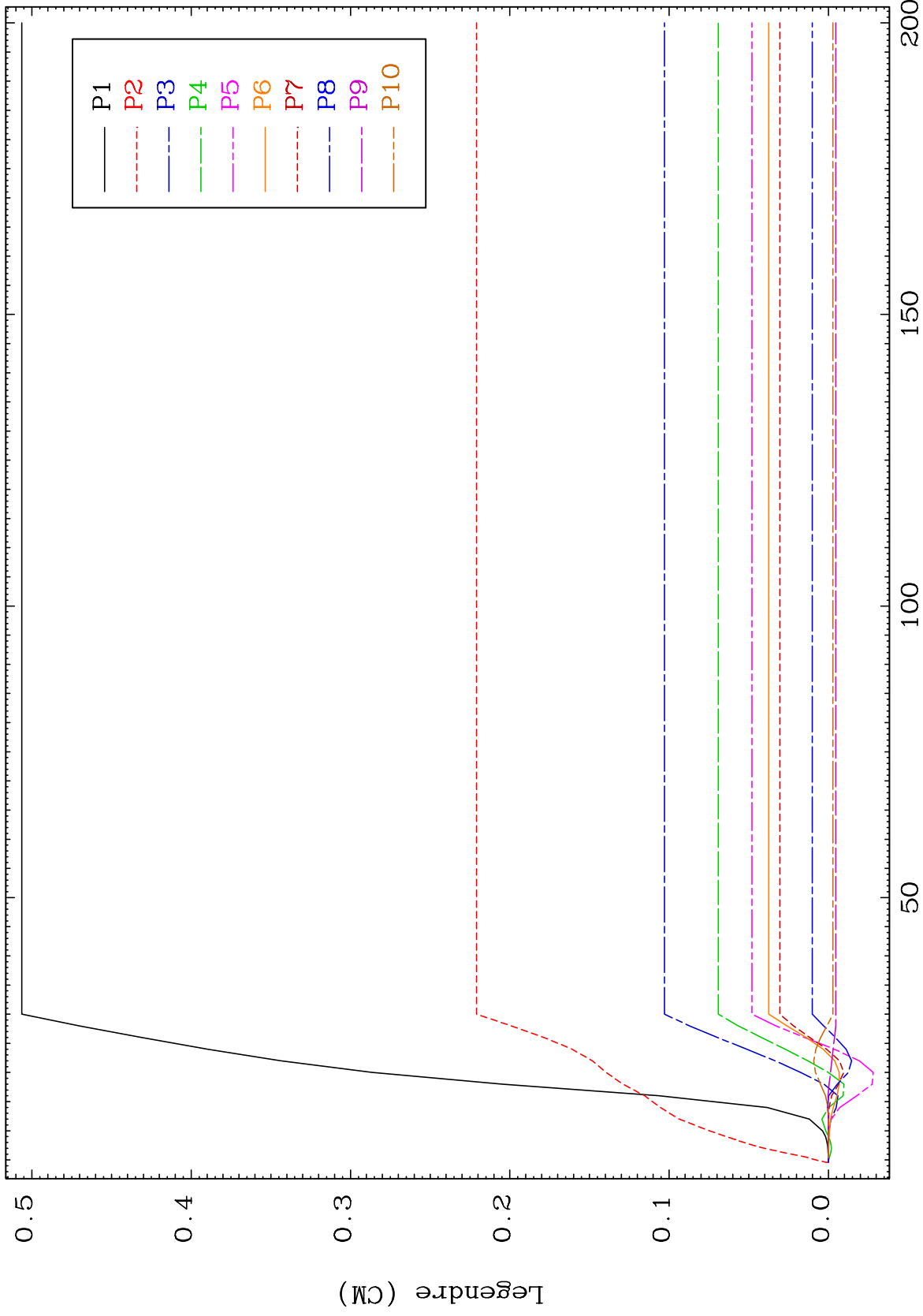
18-Ar-37

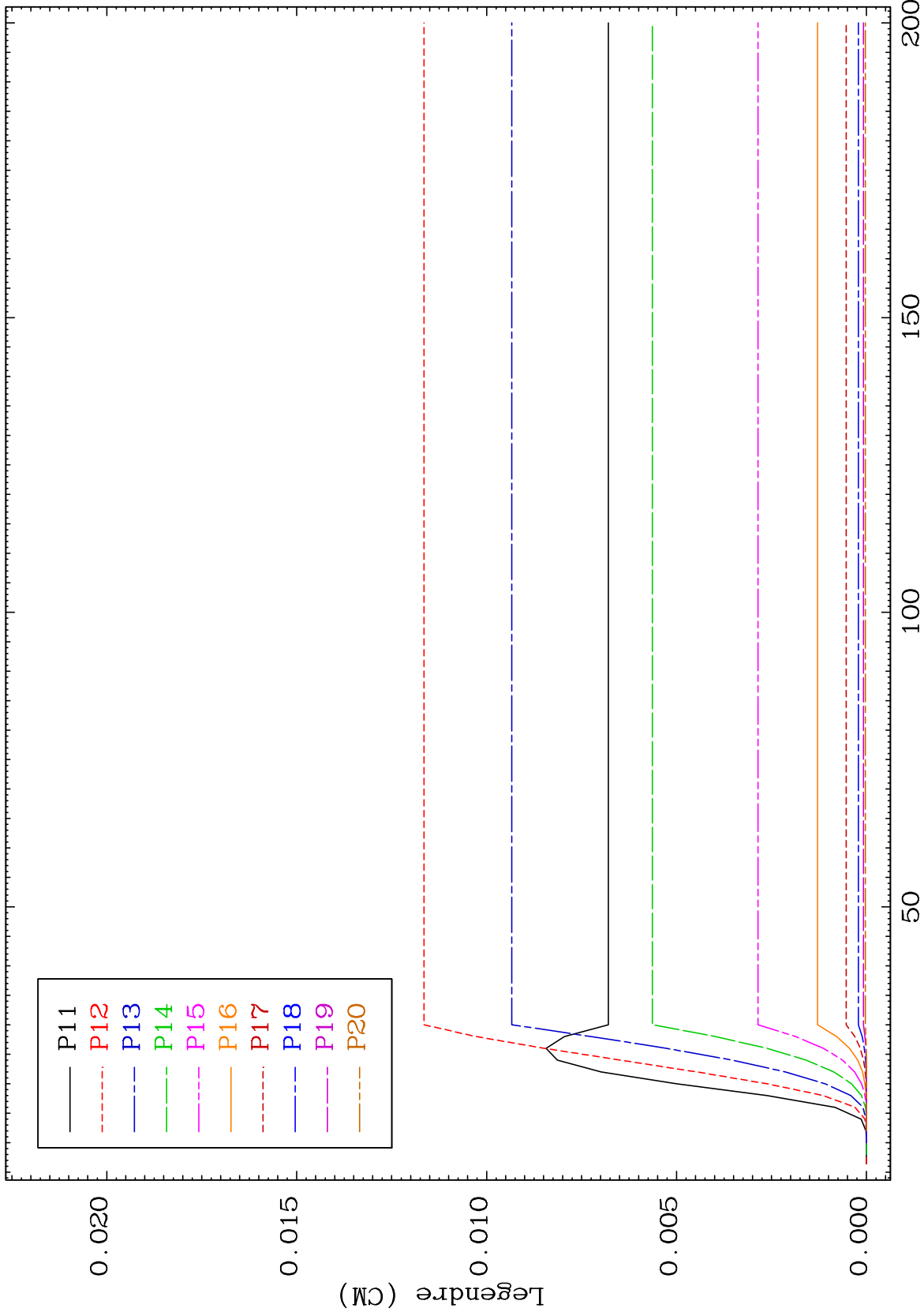


18-Ar-37

Incident Energy (MeV)

80

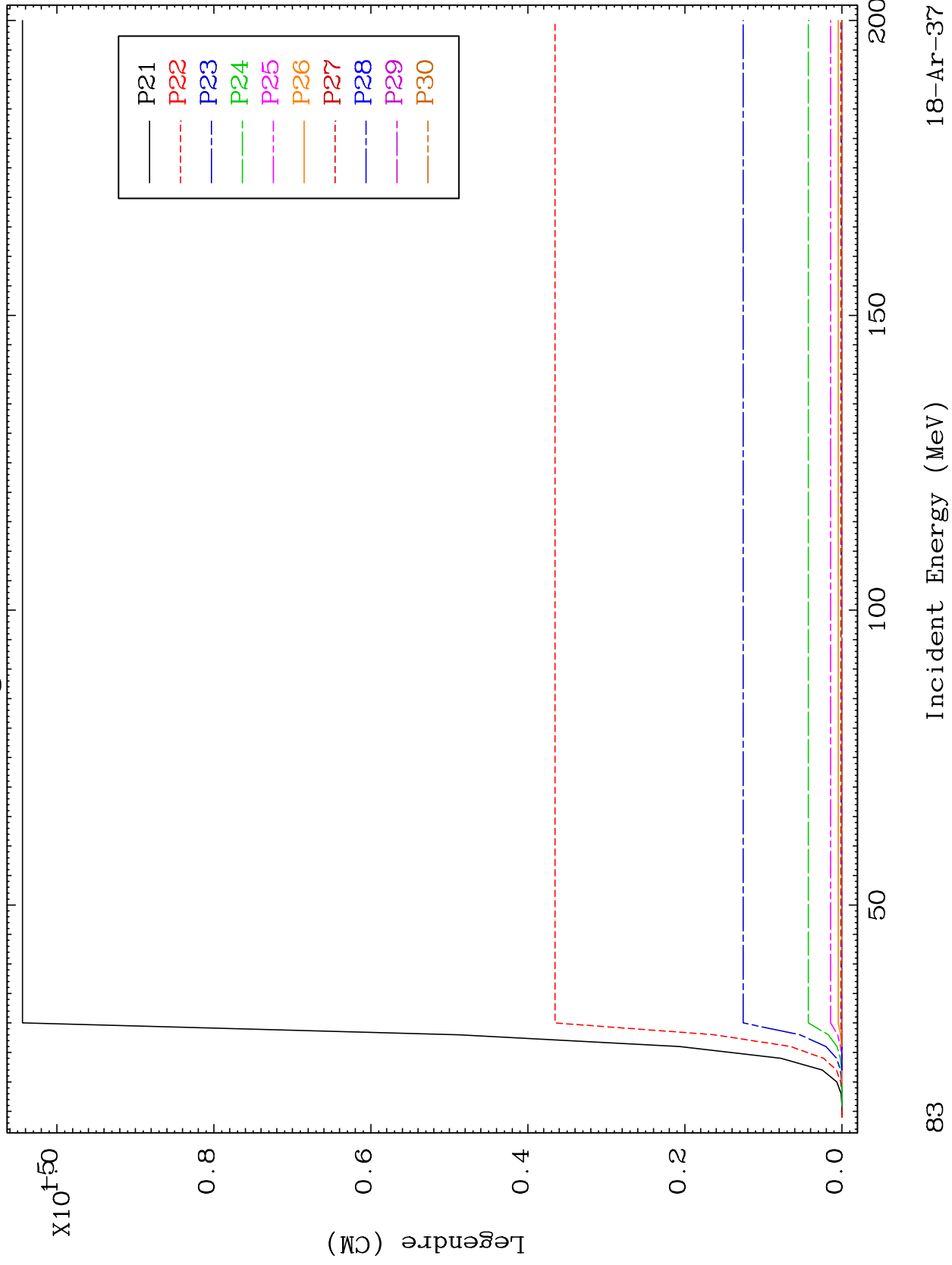




MAT 1828

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

18-Ar-37

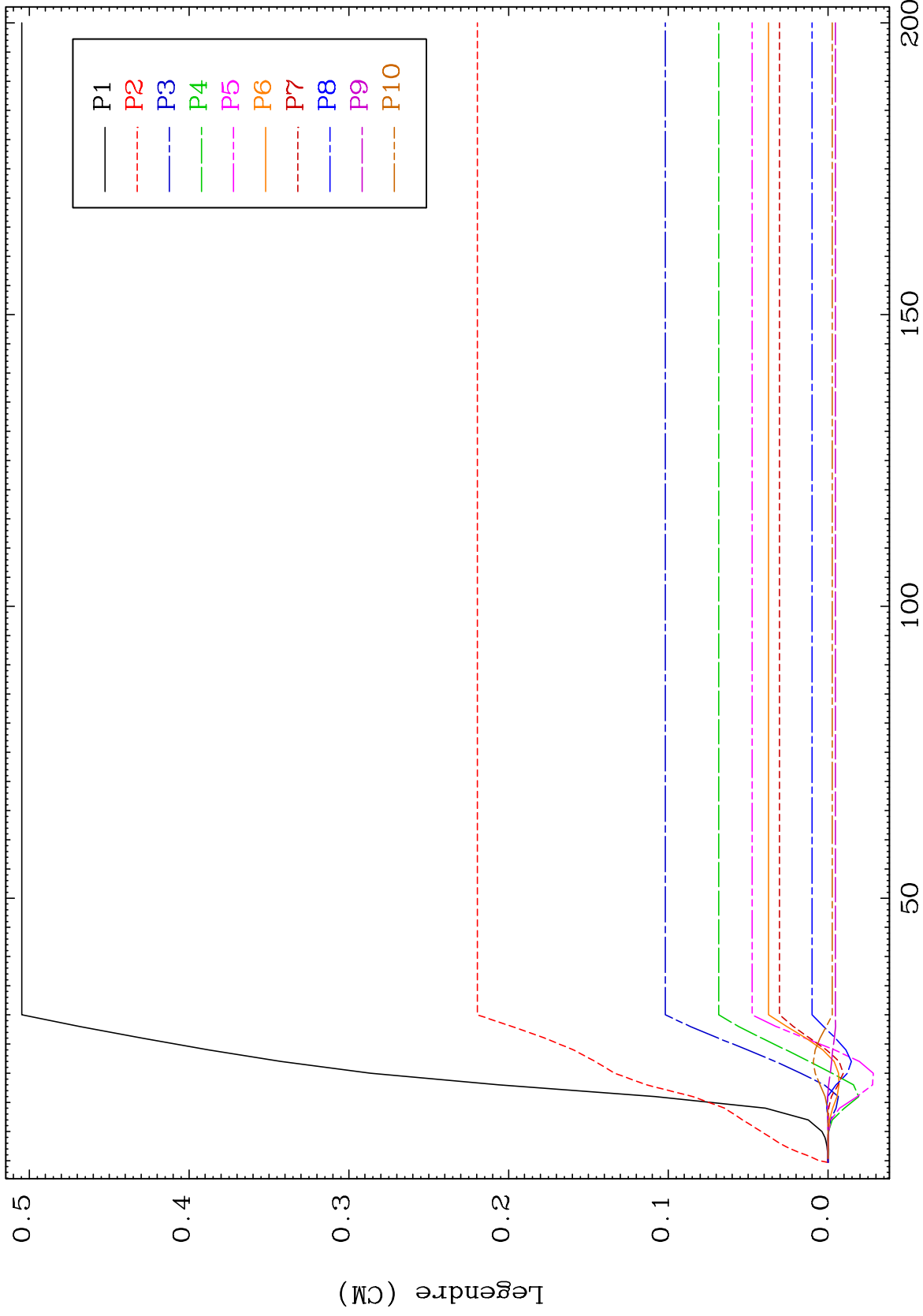


83

MAT 1828

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

18-Ar-37



84

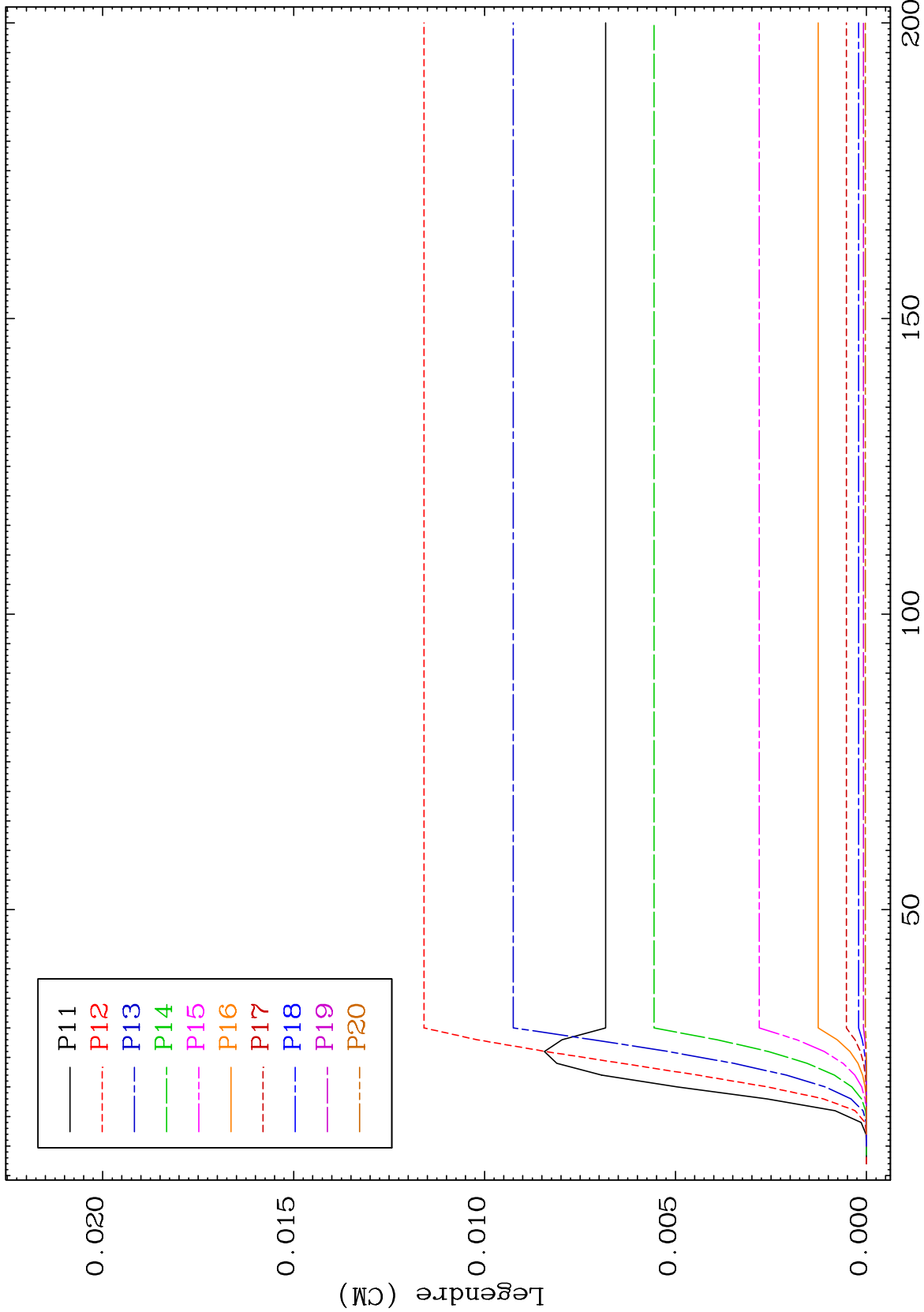
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



85

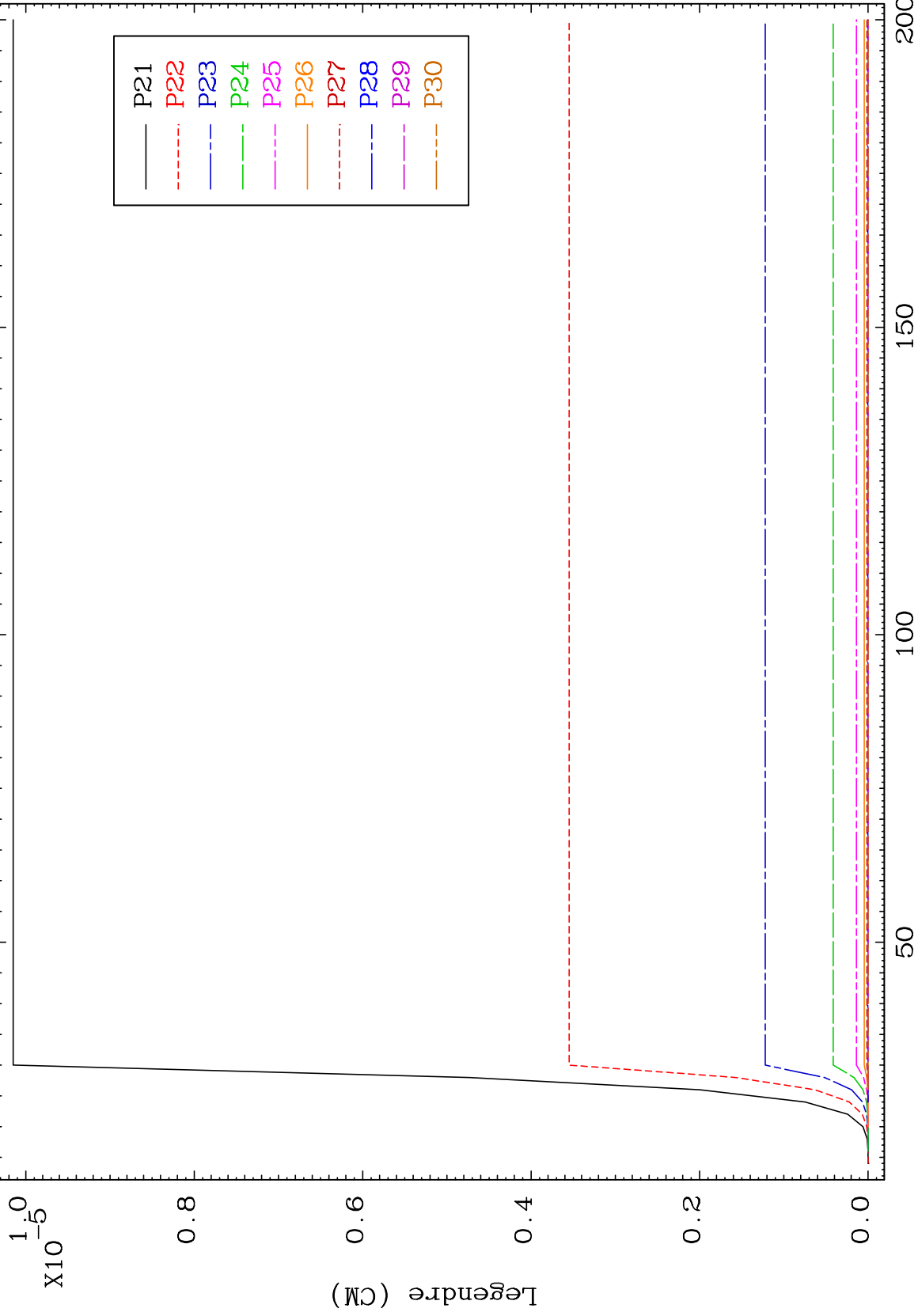
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



86

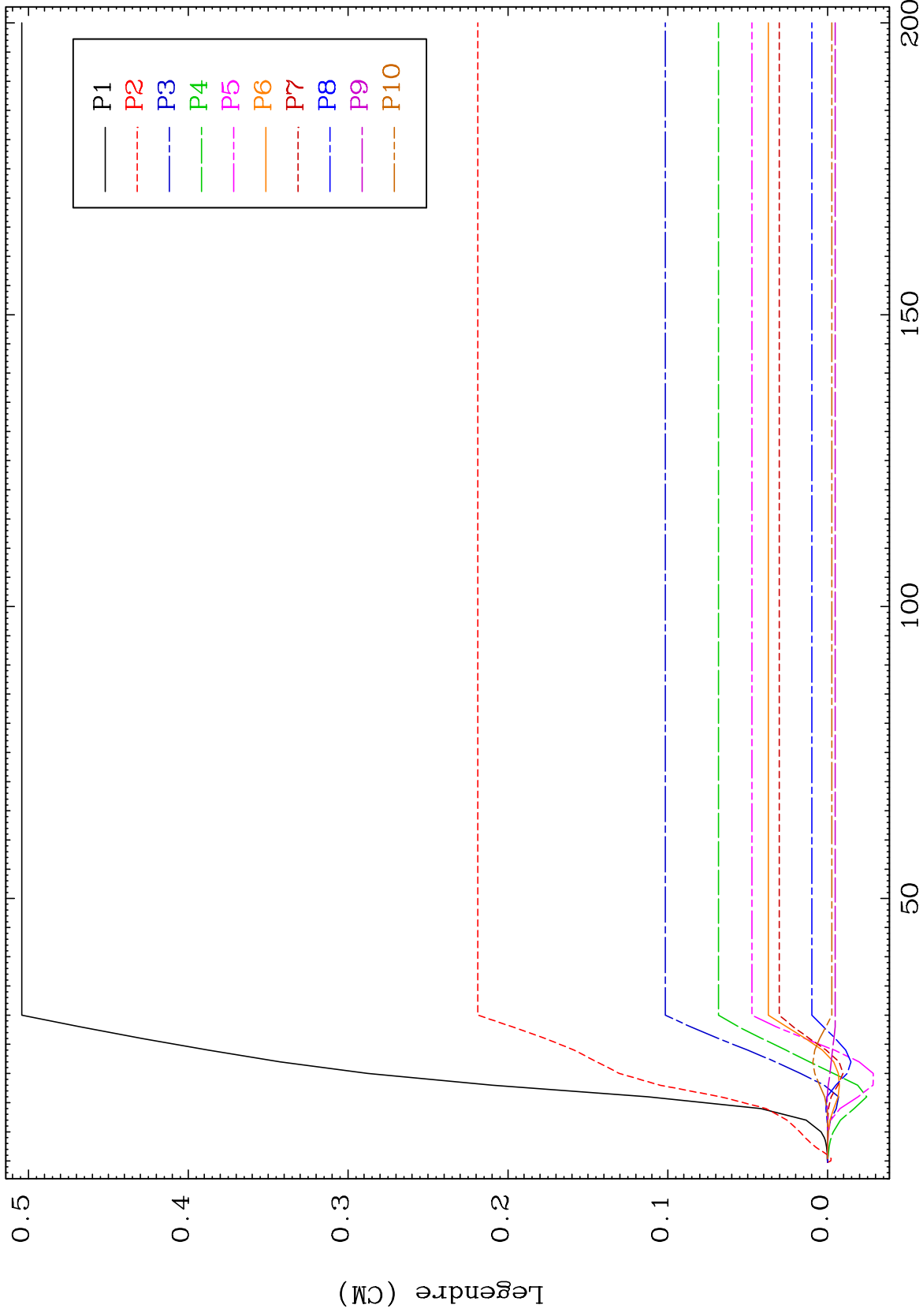
Incident Energy (MeV)

18-Ar-37

MAT 1828

MT= 74 (n,n') Level  
Legendre Coefficients

18-Ar-37

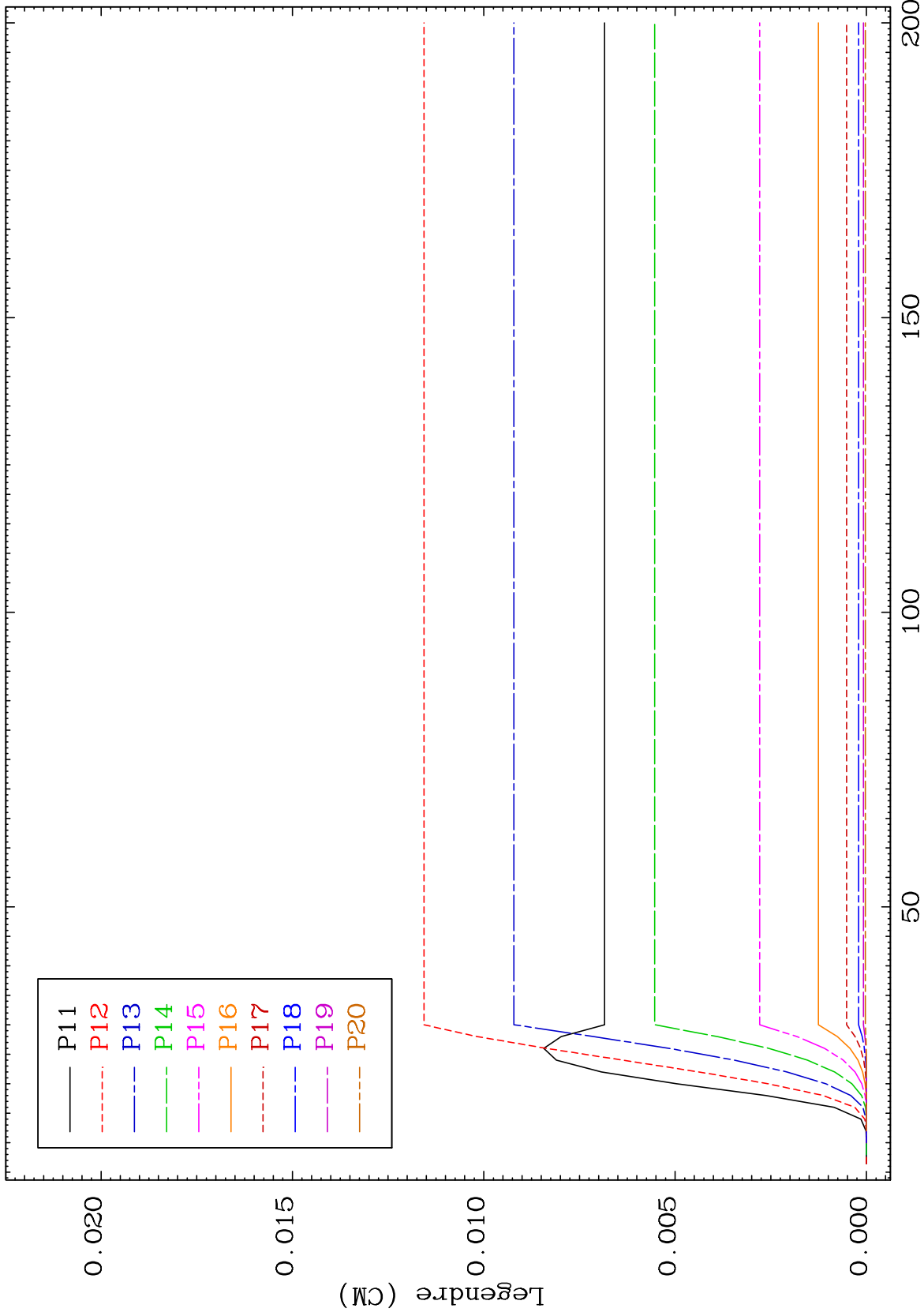


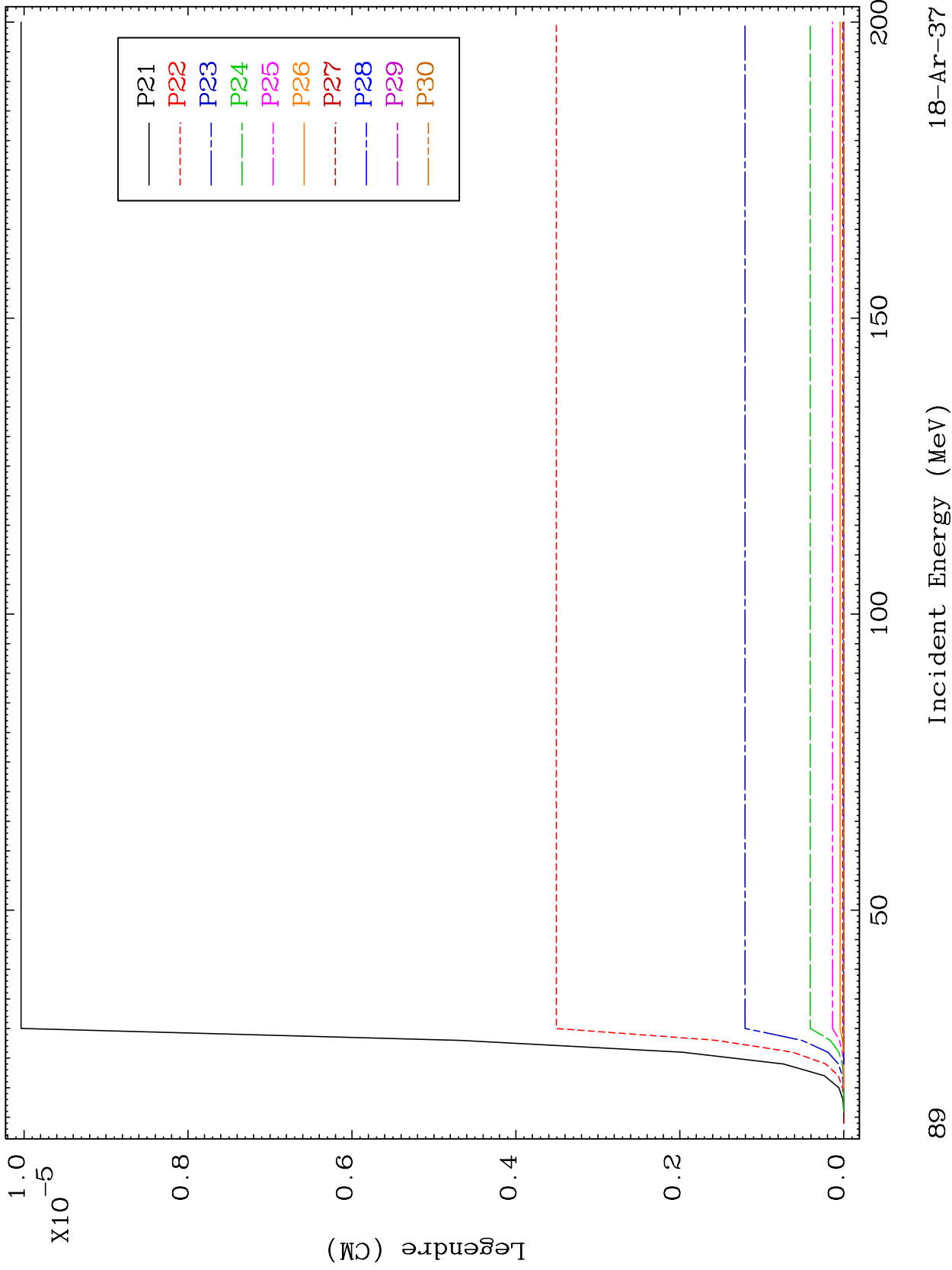
87

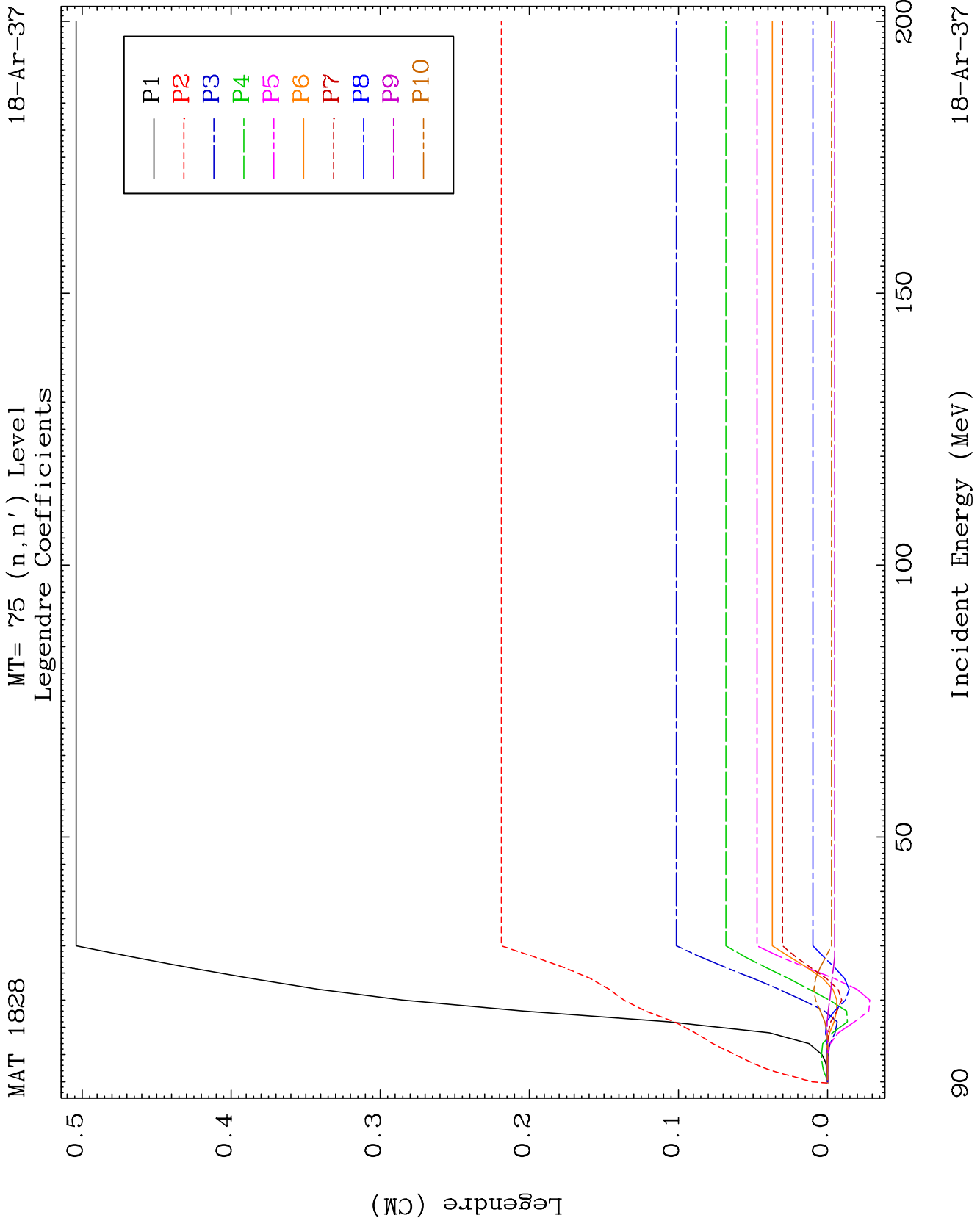
Incident Energy (MeV)

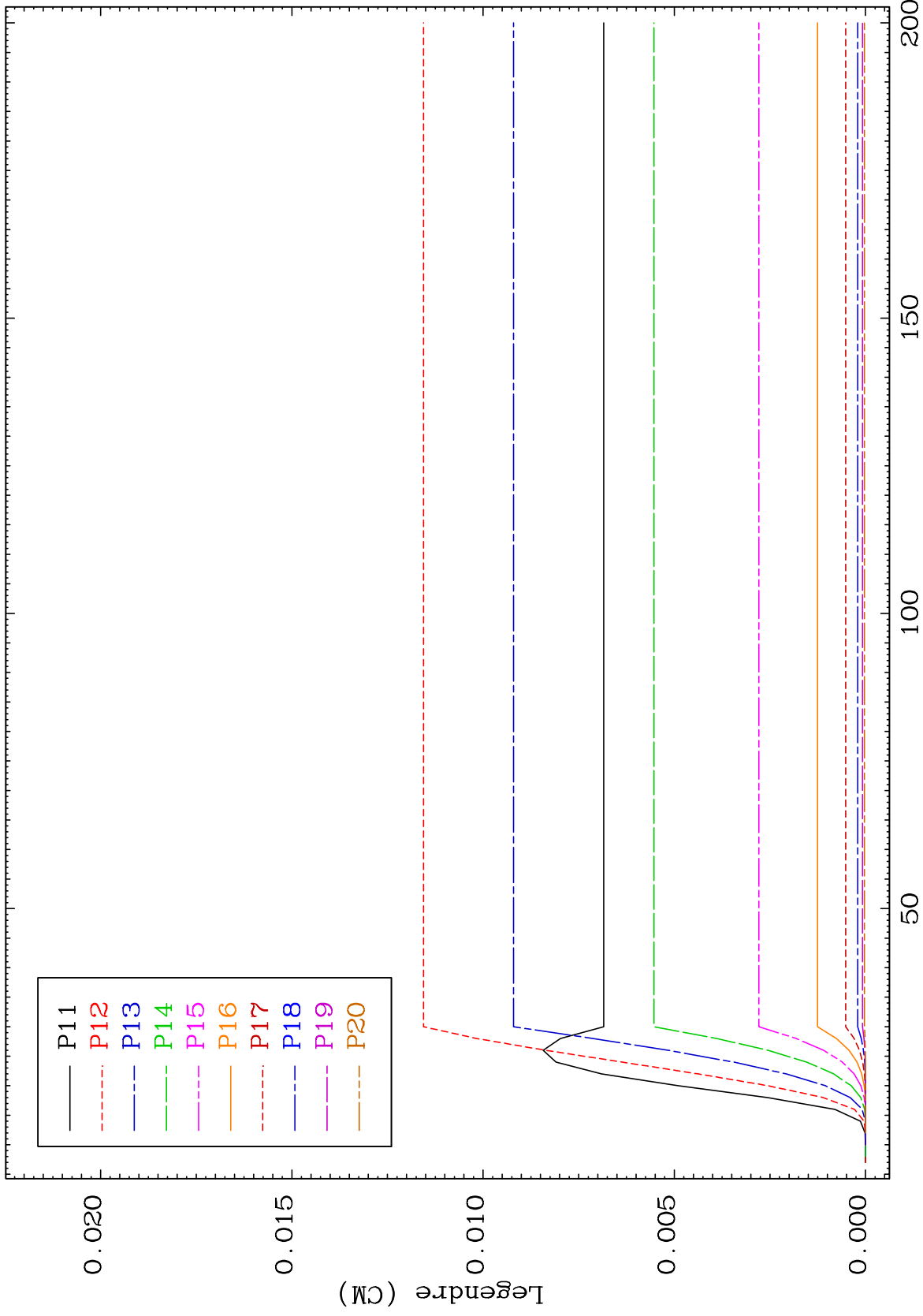
18-Ar-37







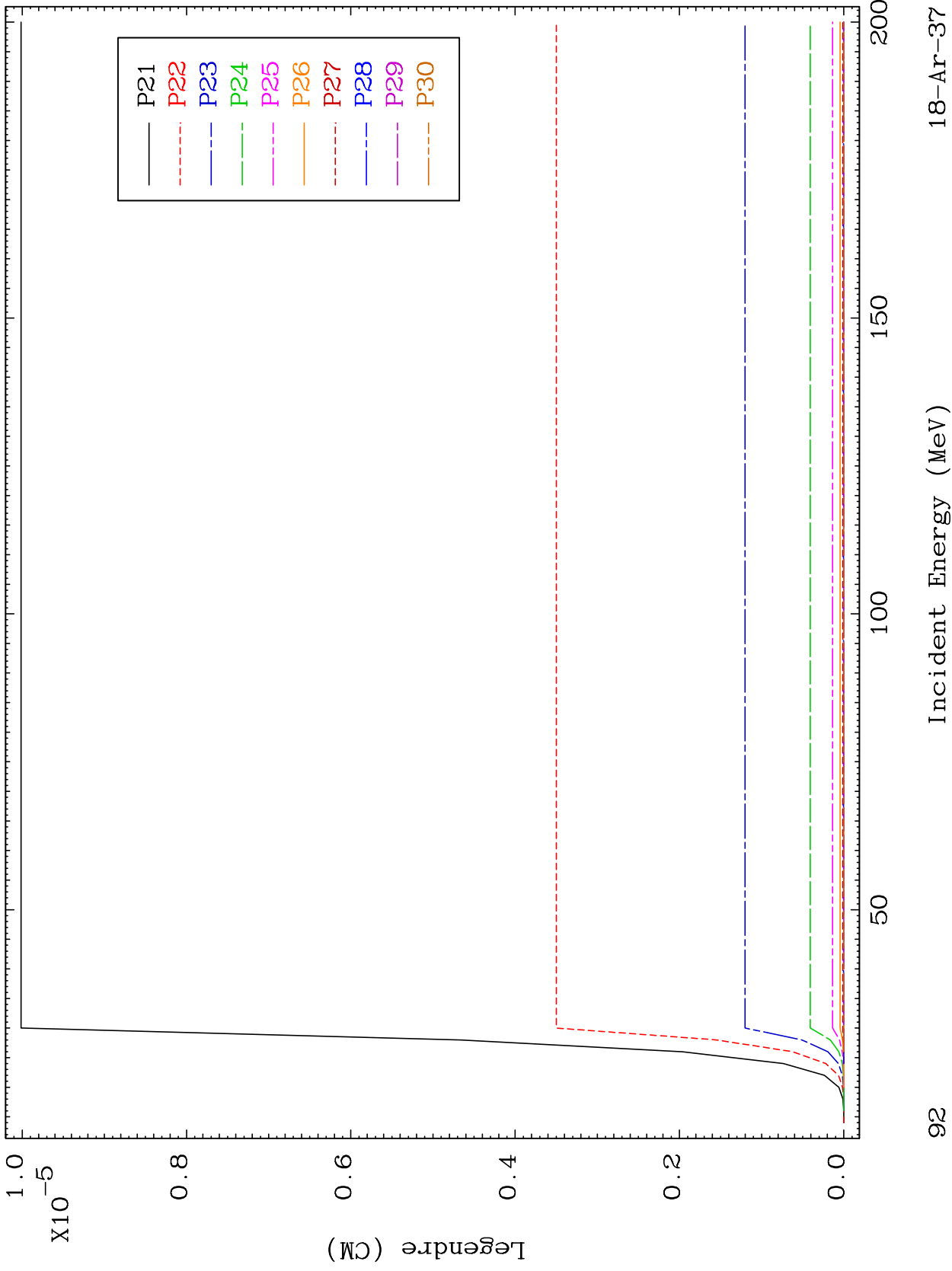


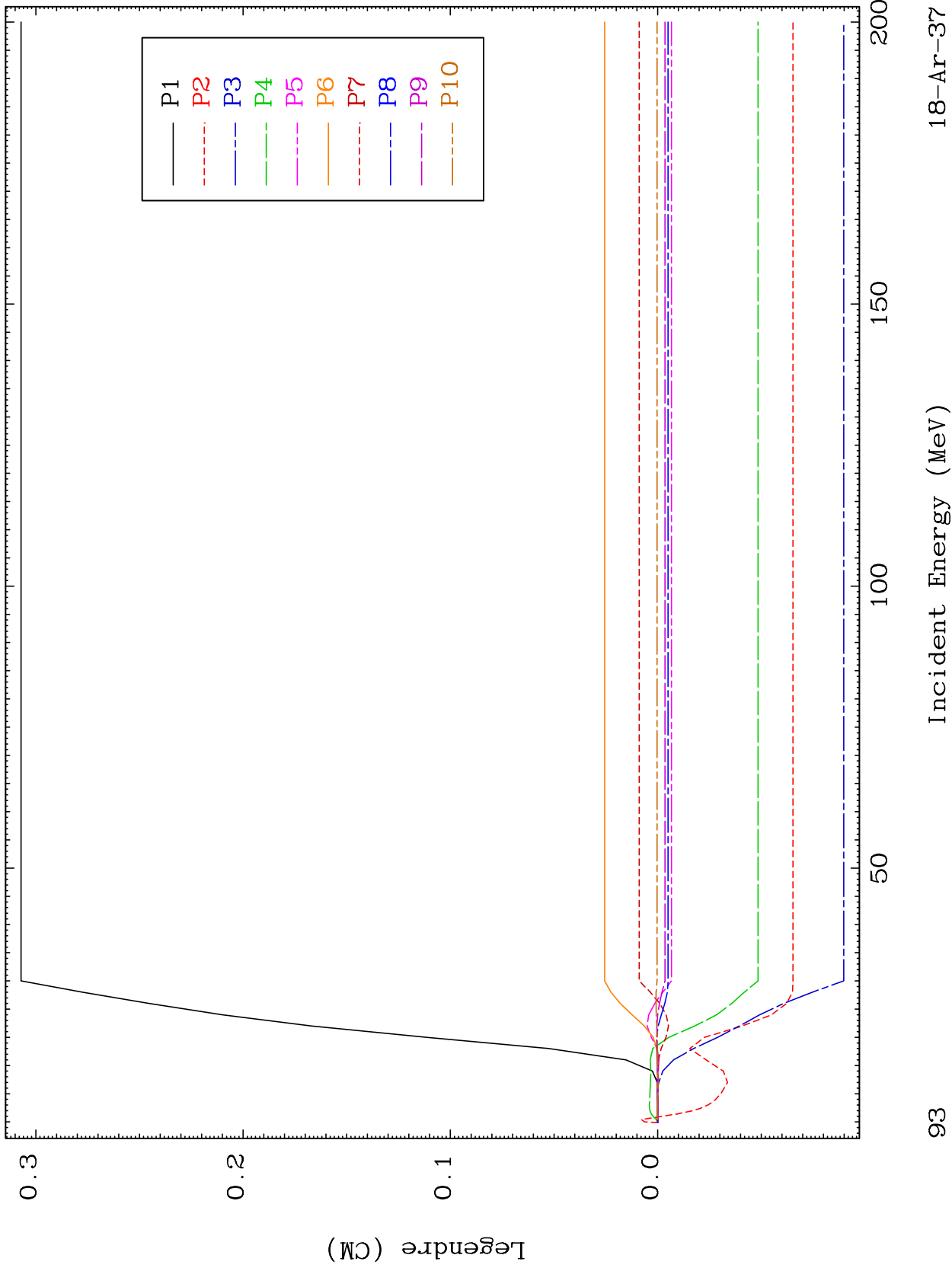


MAT 1828

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

18-Ar-37

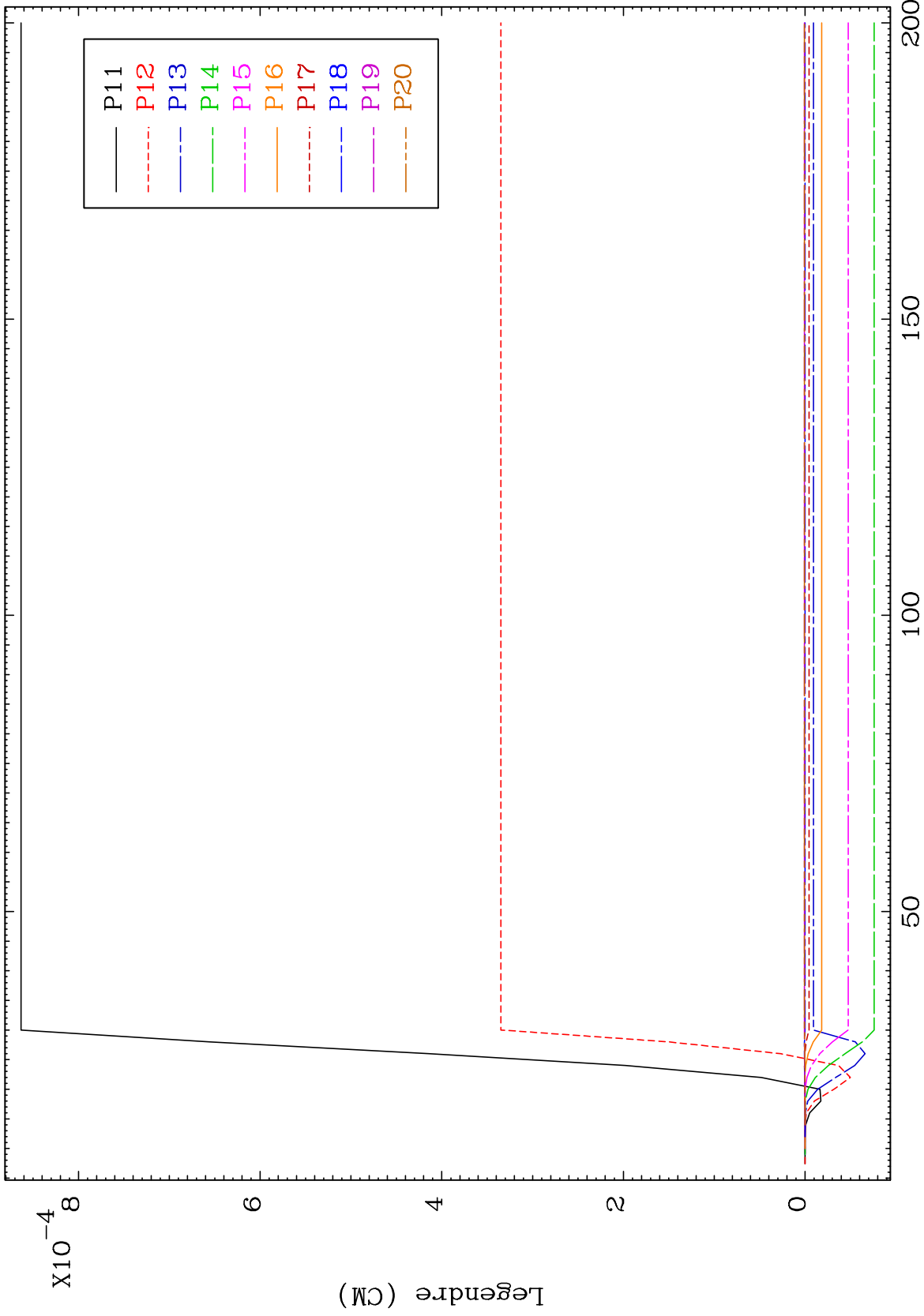




MAT 1828

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

18-Ar-37



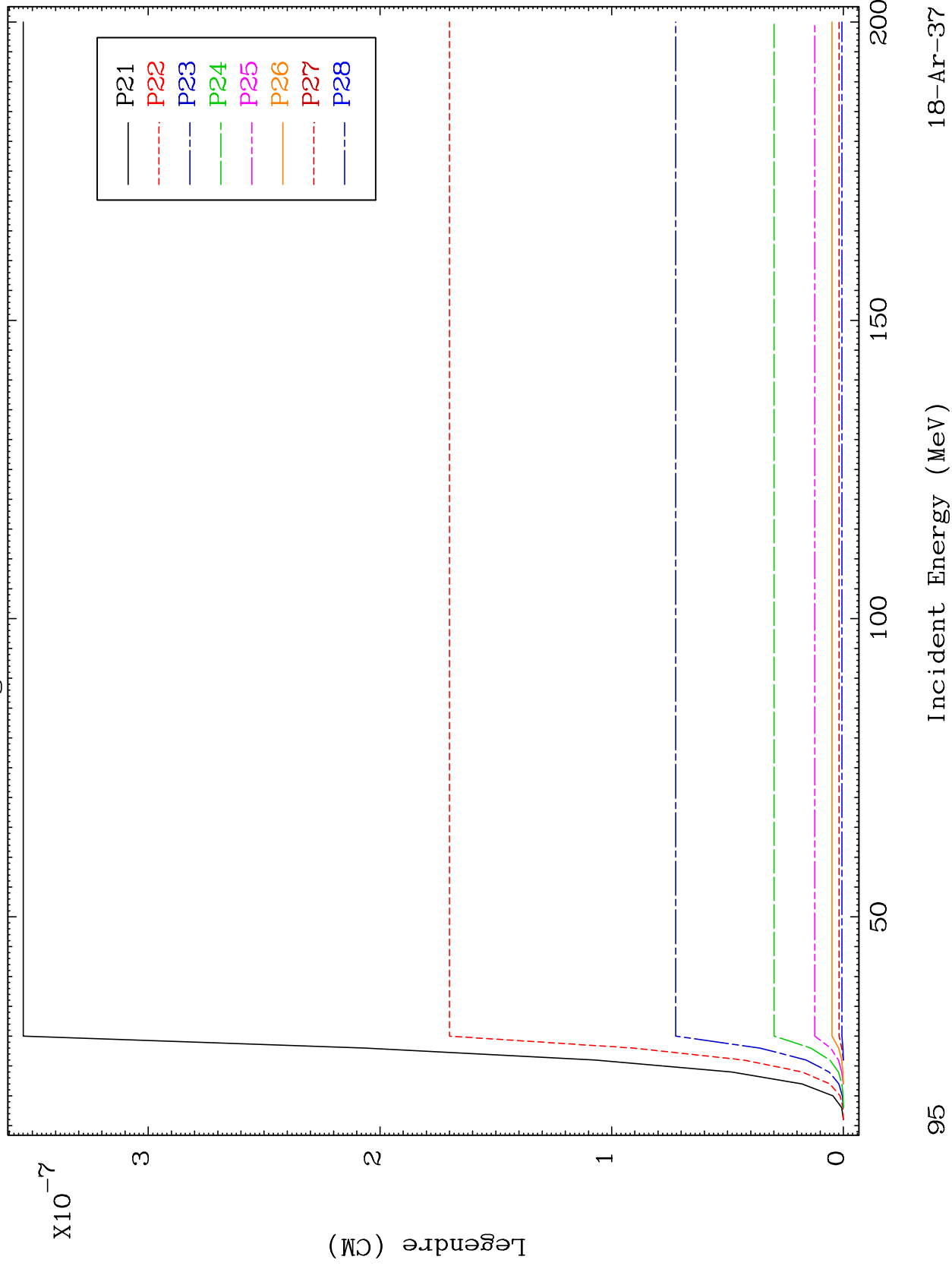
94

18-Ar-37

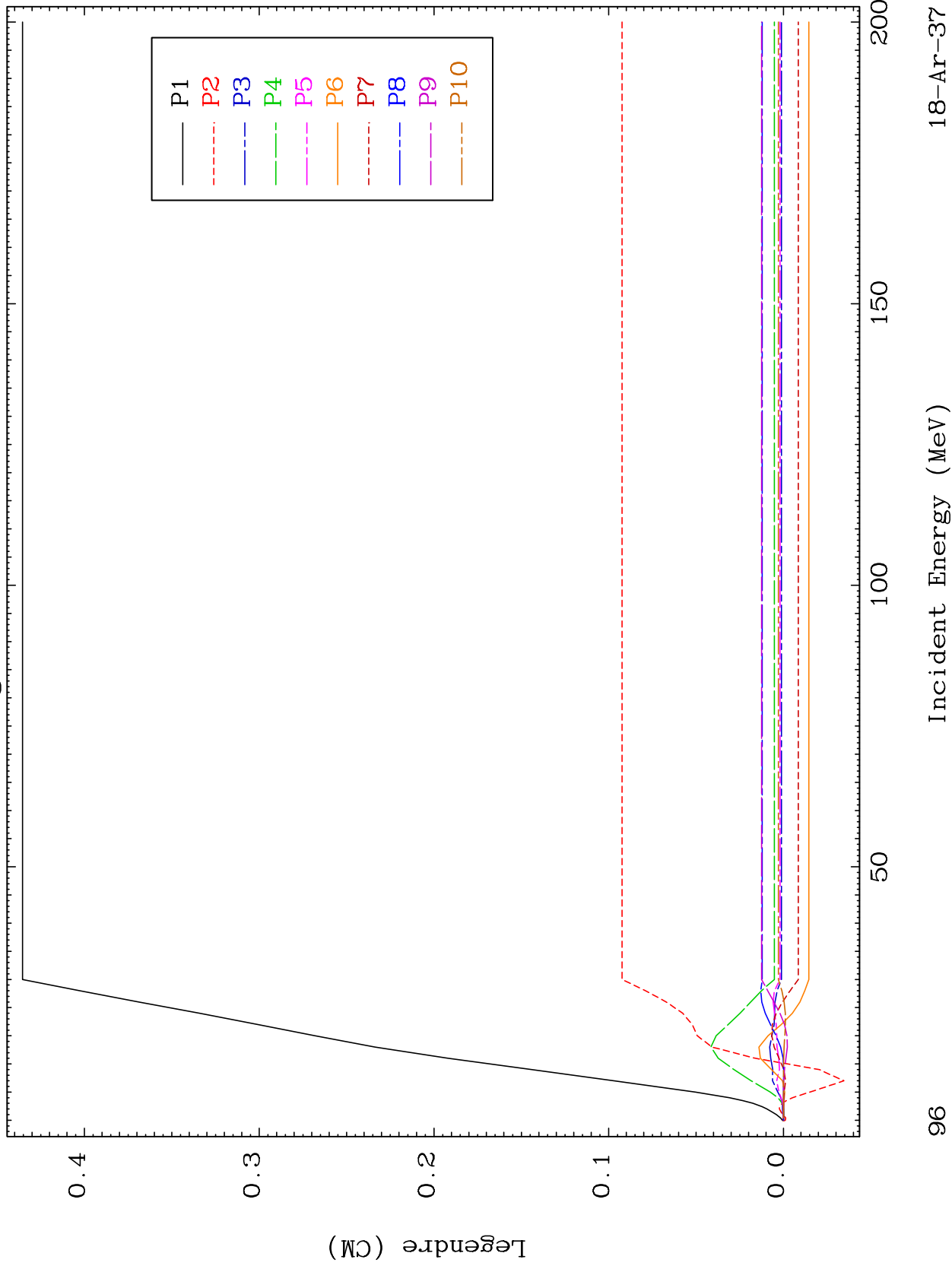
MAT 1828

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

18-Ar-37





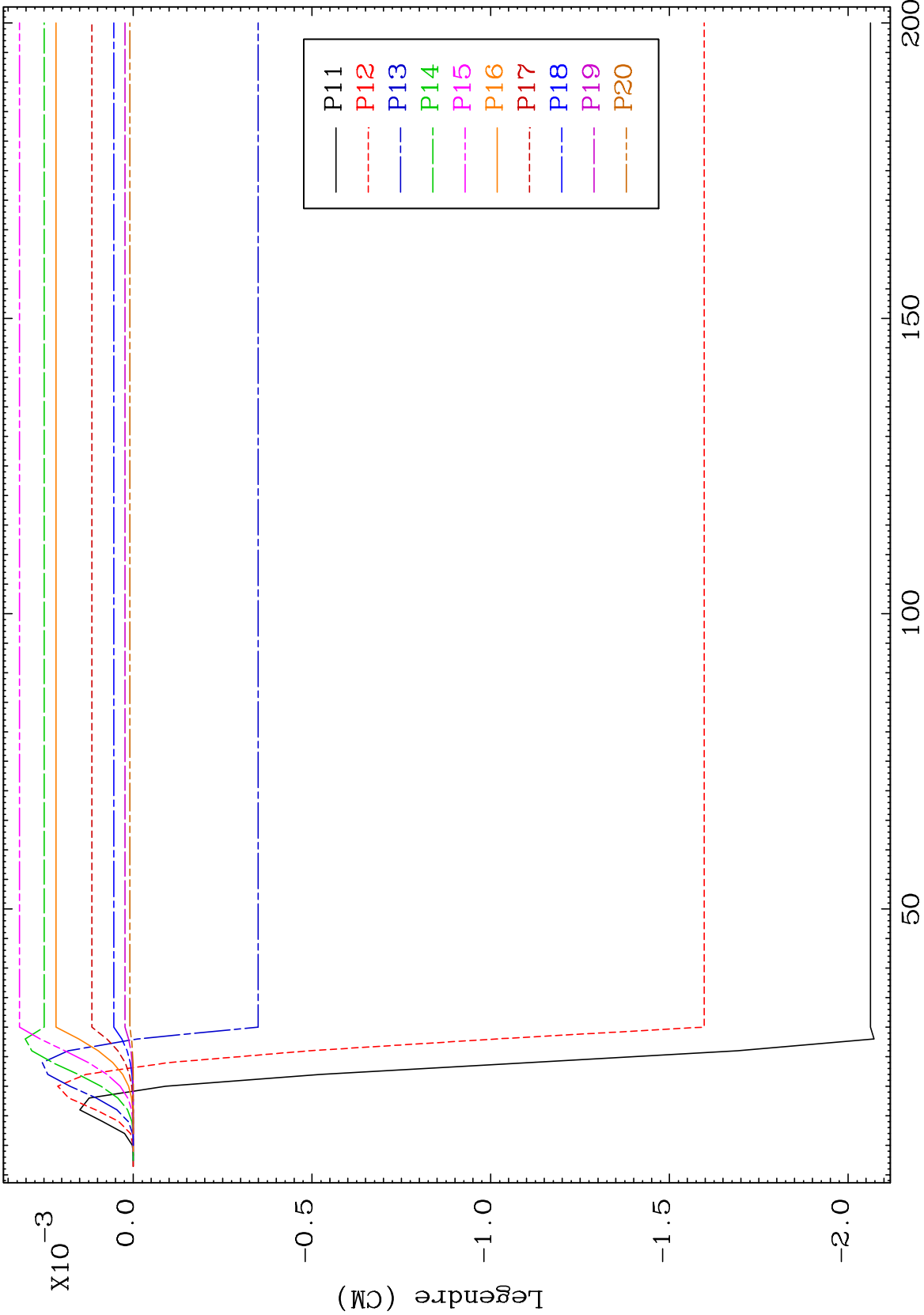


MAT 1828

MT= 77 (n,n') Level

18-Ar-37

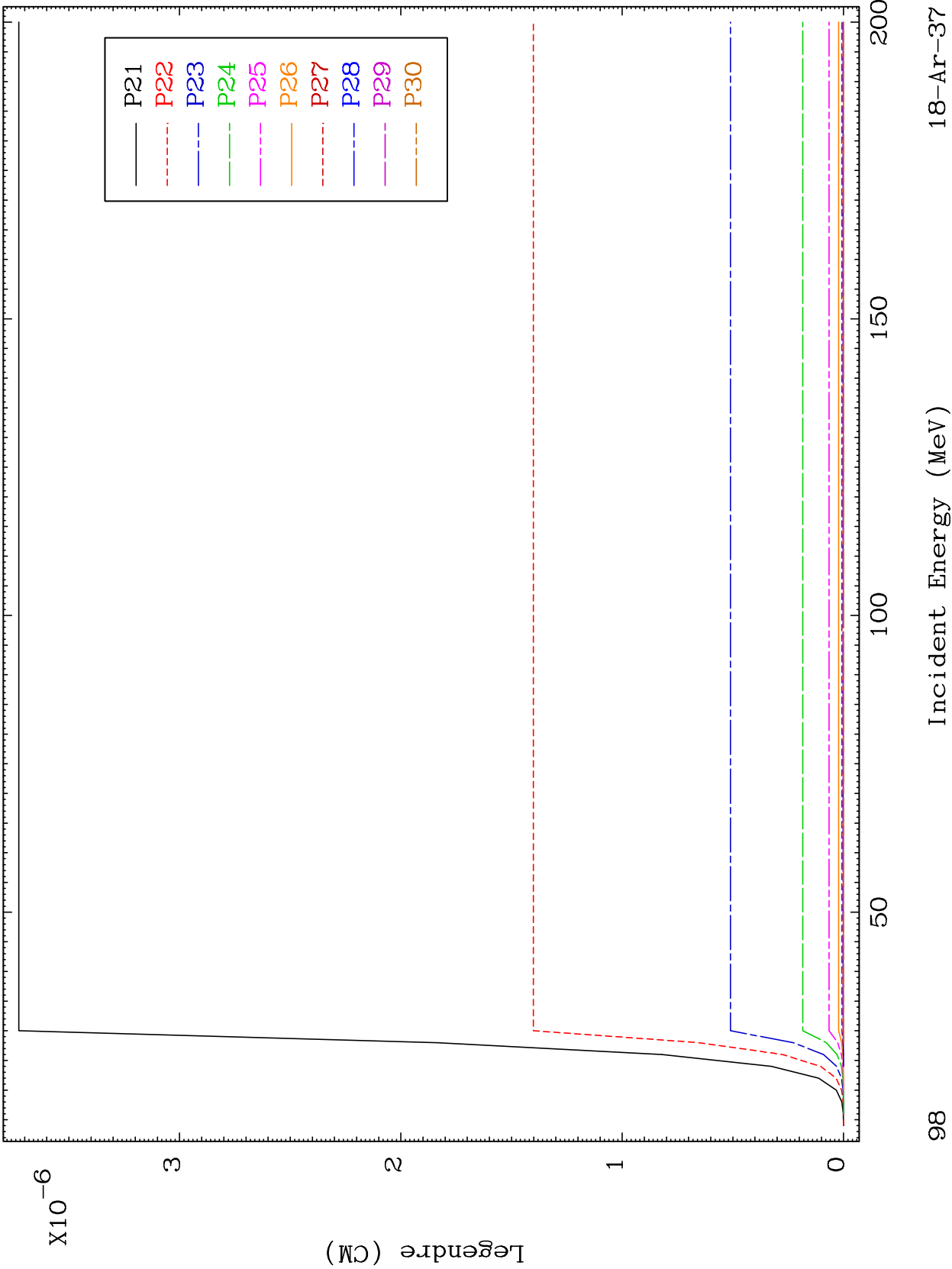
Legendre Coefficients

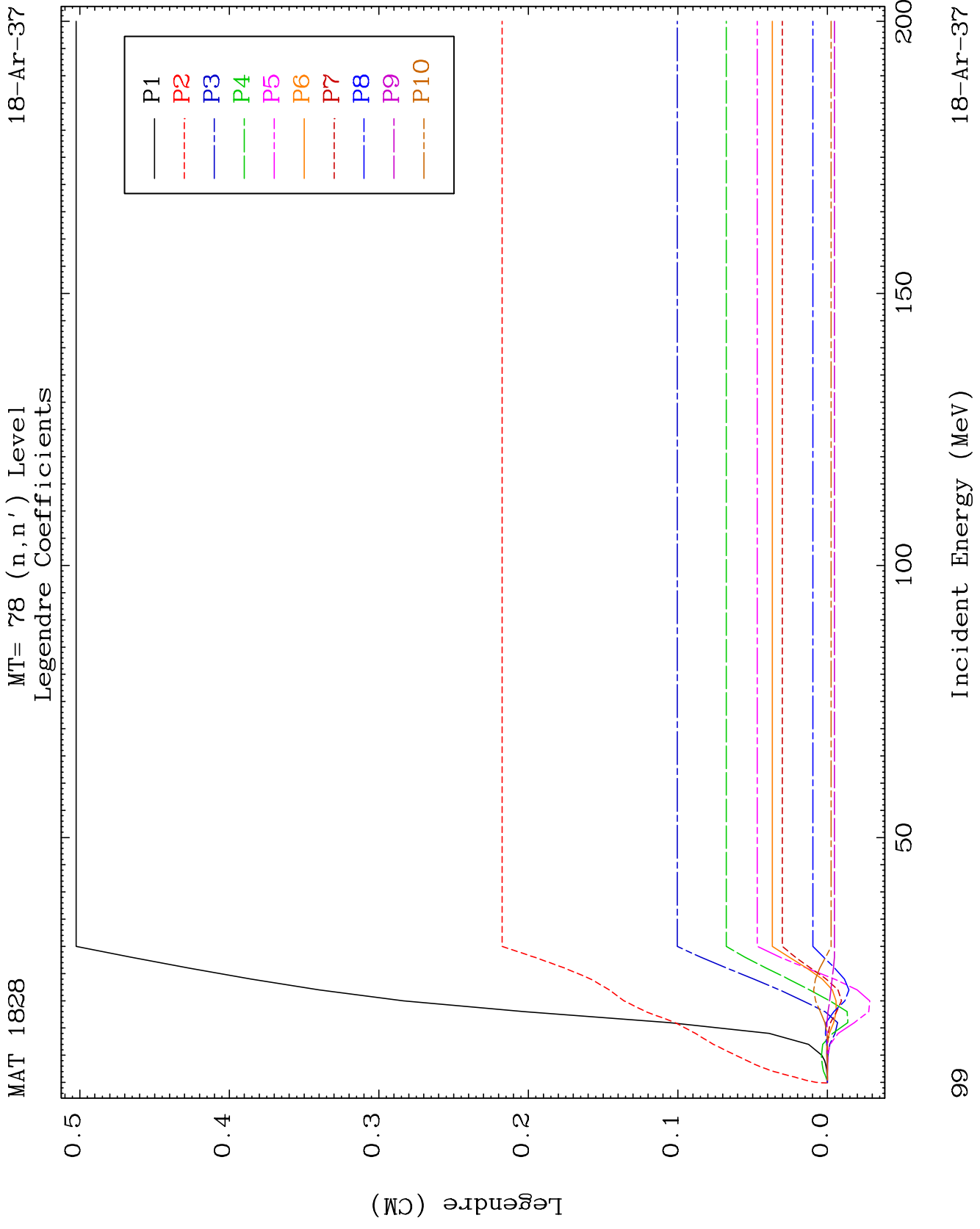


MAT 1828

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

18-Ar-37

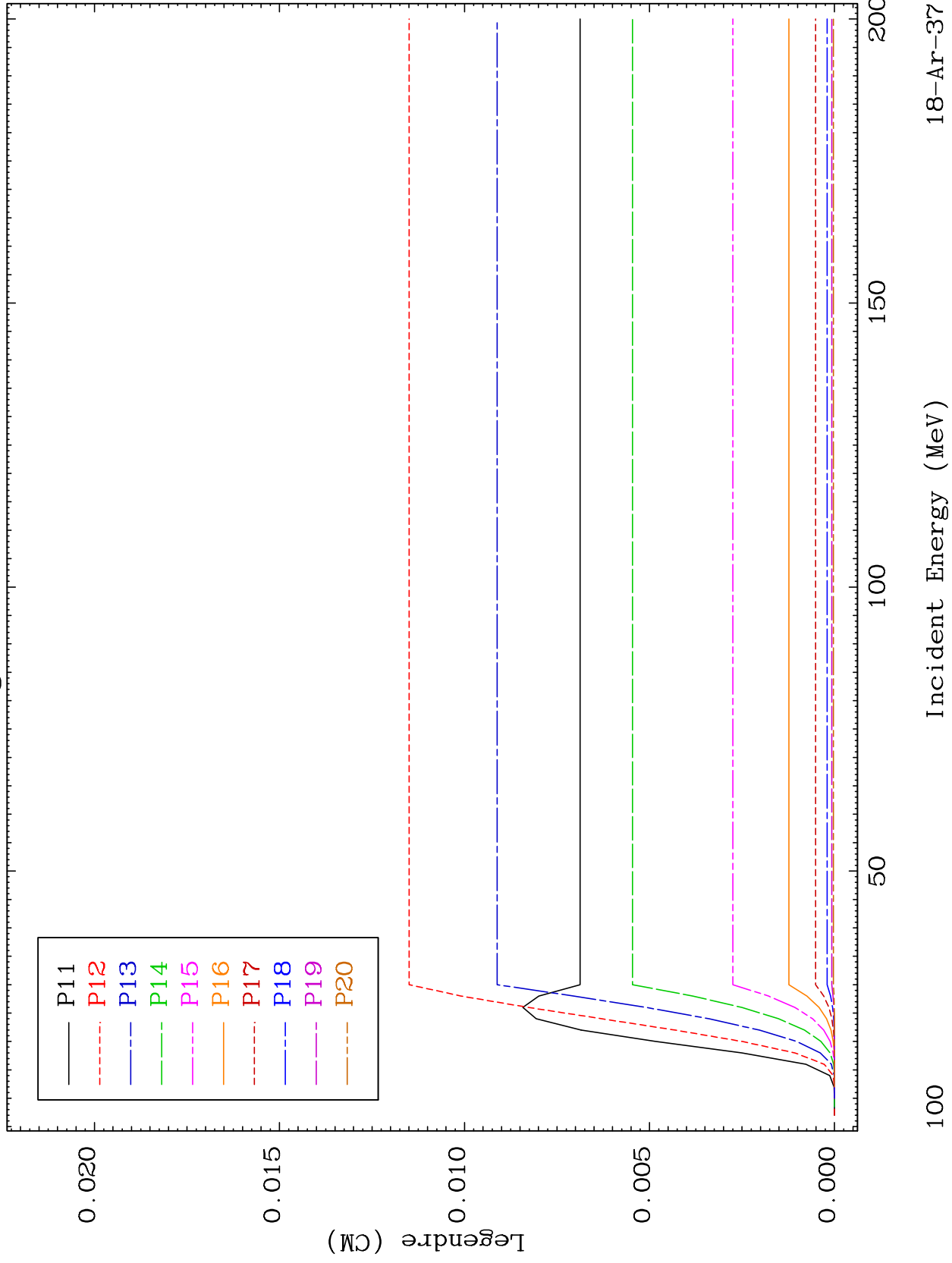




MAT 1828

MT= 78 (n,n') Level  
Legendre Coefficients

18-Ar-37



18-Ar-37

Incident Energy (MeV)

100

50

100

150

200

0.020

0.015

0.010

0.005

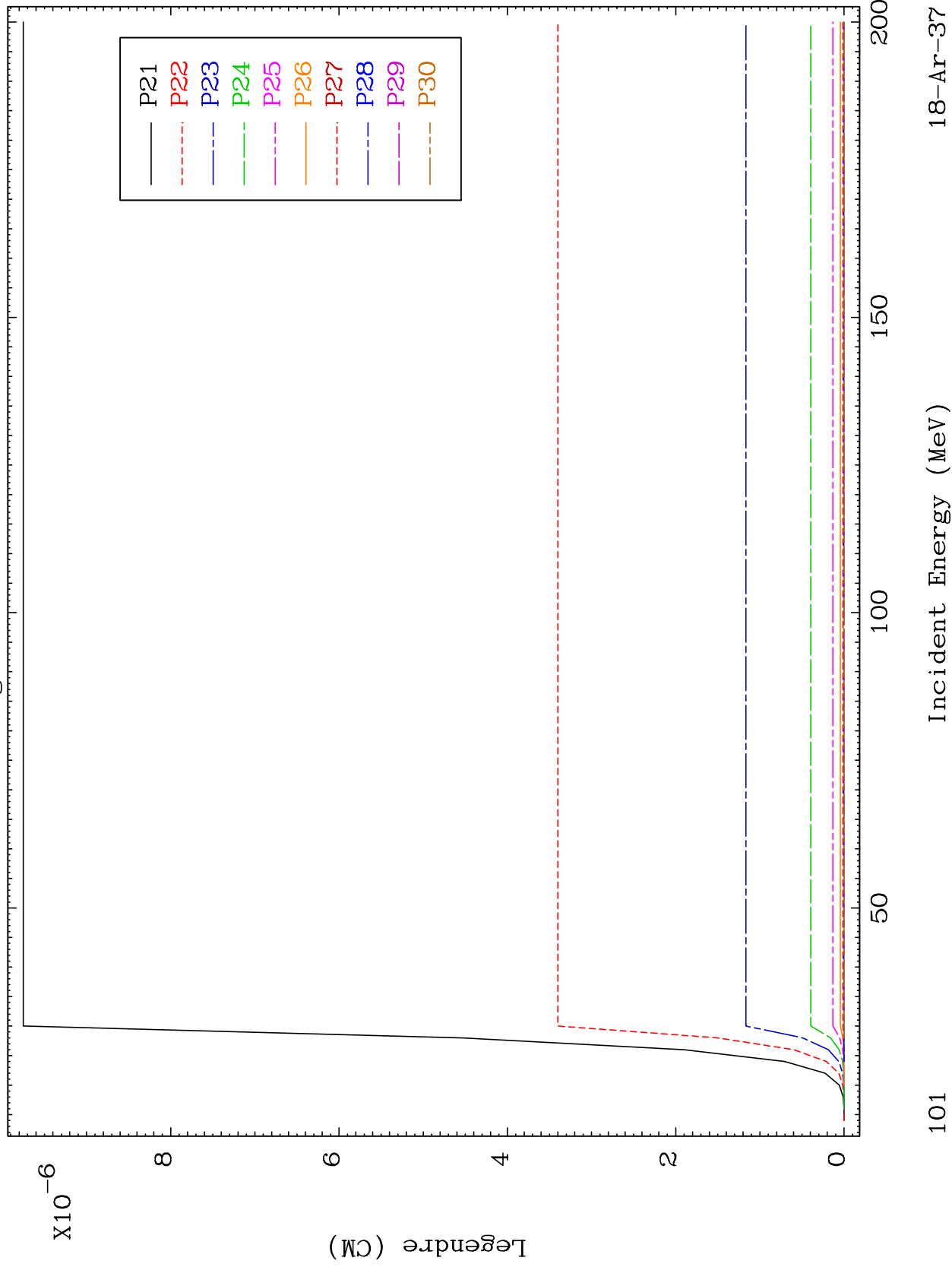
0.000

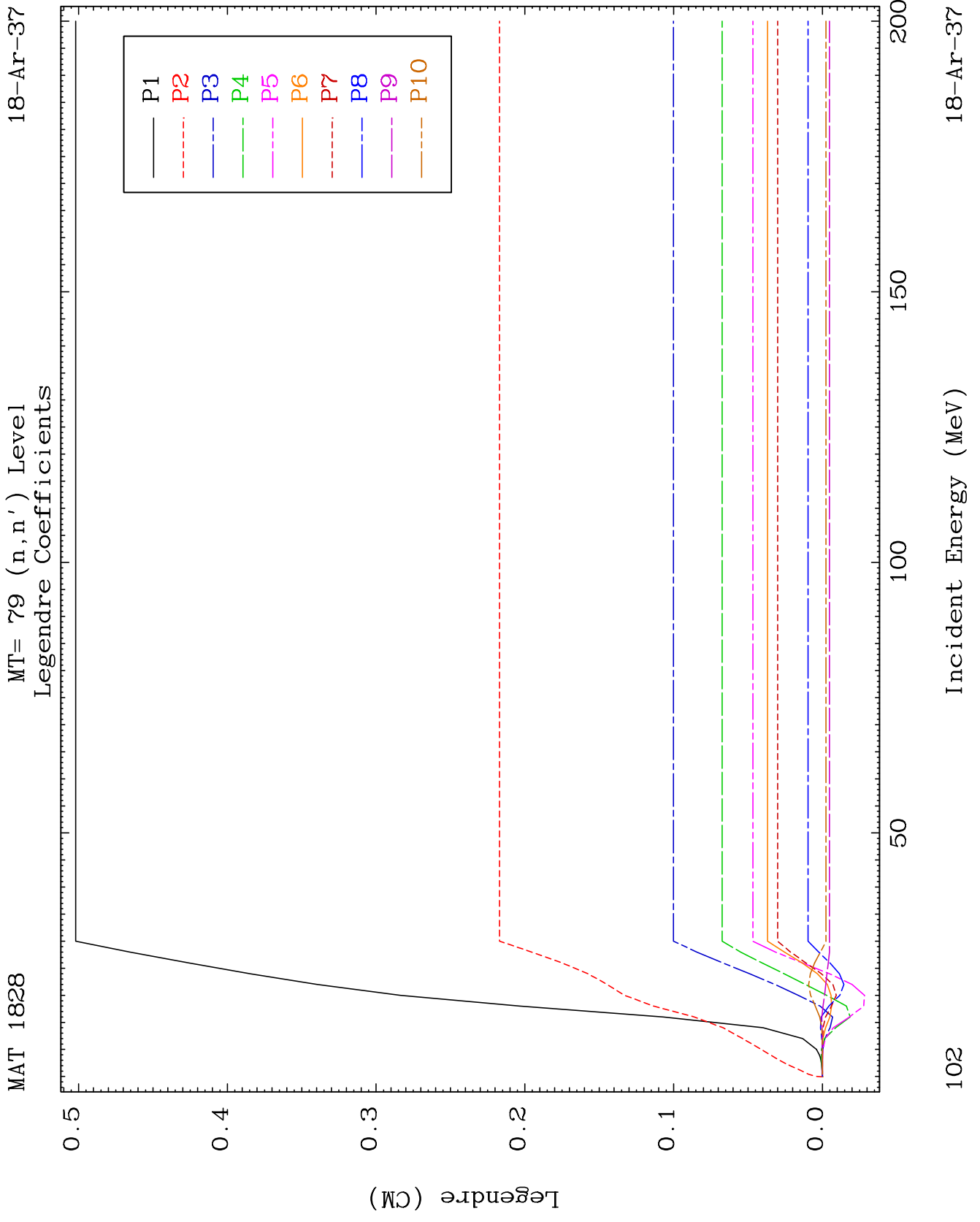
Legendre (CM)

MAT 1828

MT= 78 (n,n') Level  
Legendre Coefficients

18-Ar-37

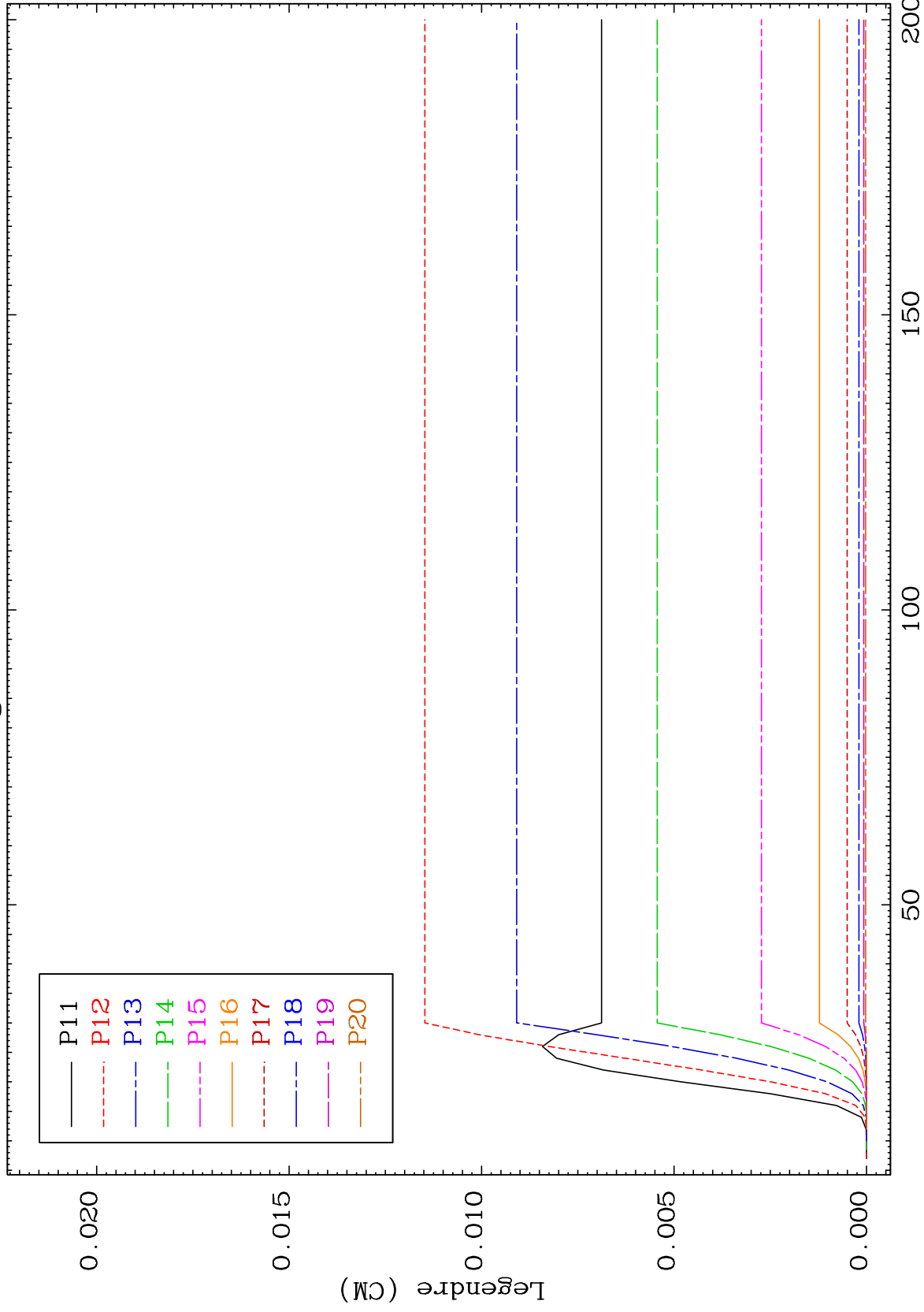




MAT 1828

MT= 79 (n,n') Level  
Legendre Coefficients

18-Ar-37



103

Incident Energy (MeV)

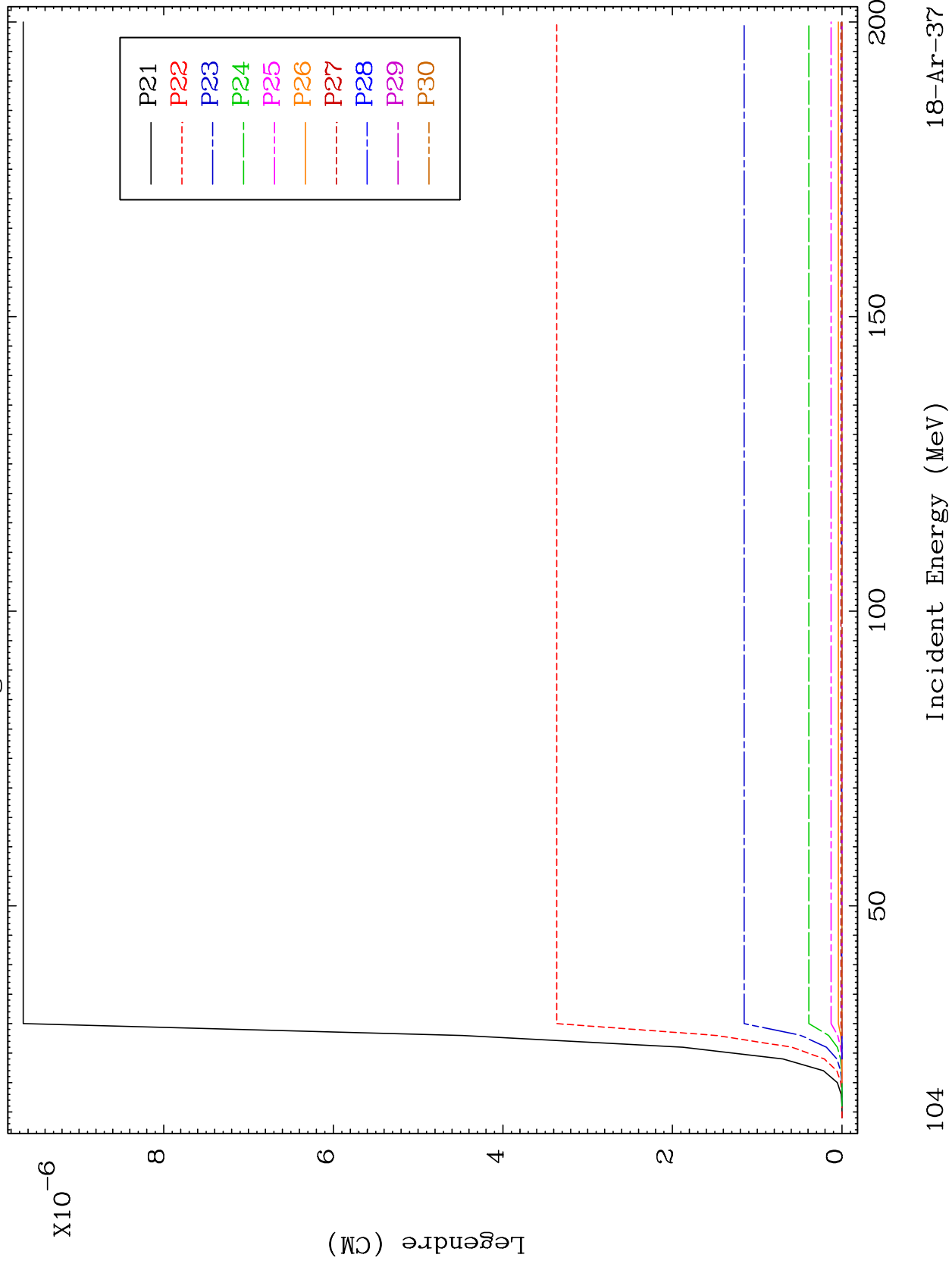
18-Ar-37



MAT 1828

MT= 79 (n,n') Level  
Legendre Coefficients

18-Ar-37



104

Incident Energy (MeV)

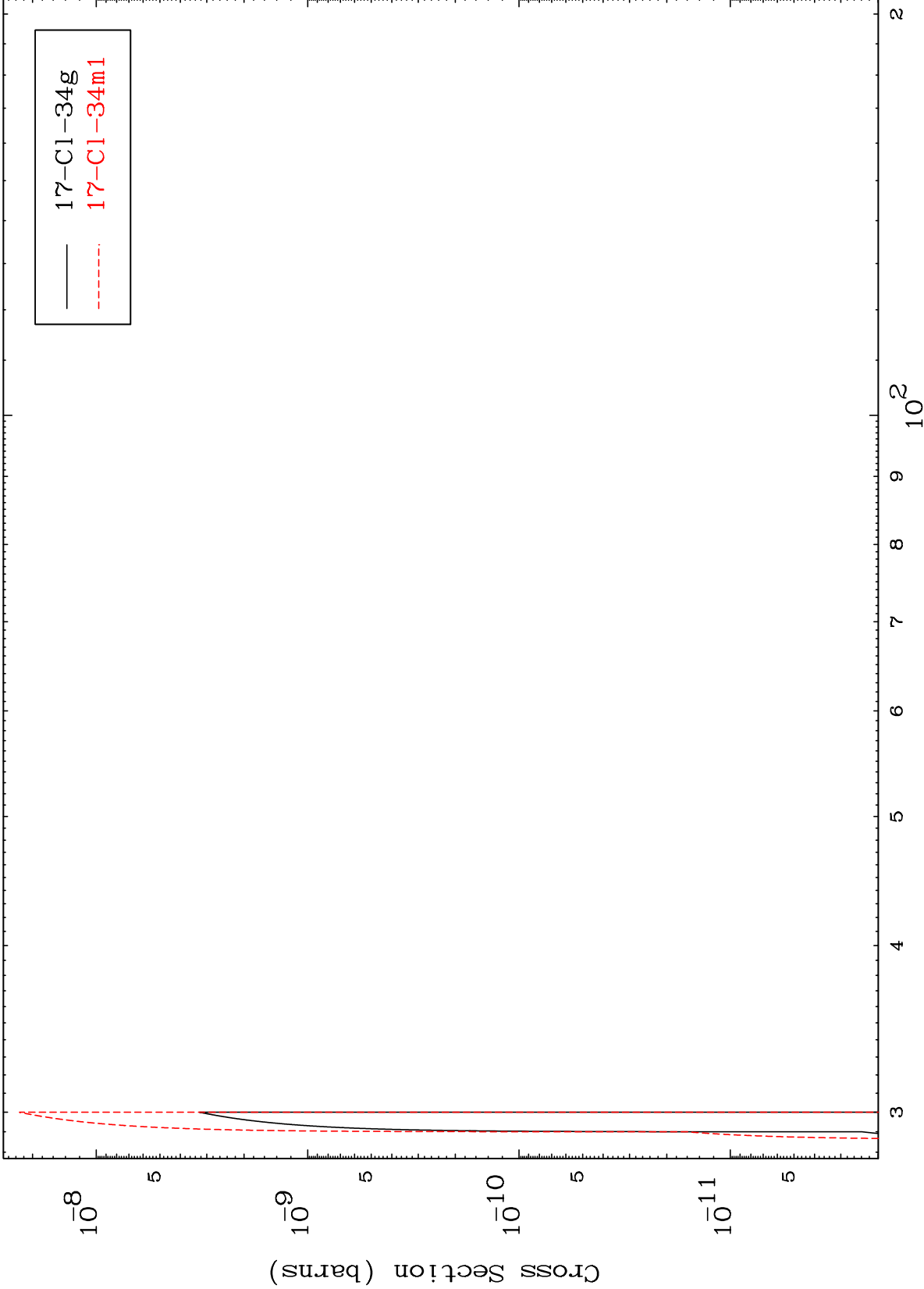
18-Ar-37

MAT 1828

(n,2n) d

18-Ar-37

Radionuclide Production Cross Section



105

Incident Energy (MeV)

18-Ar-37

Radionuclide Production Cross Section

