

Program EVALPLOT
(Version 2018-1)

by

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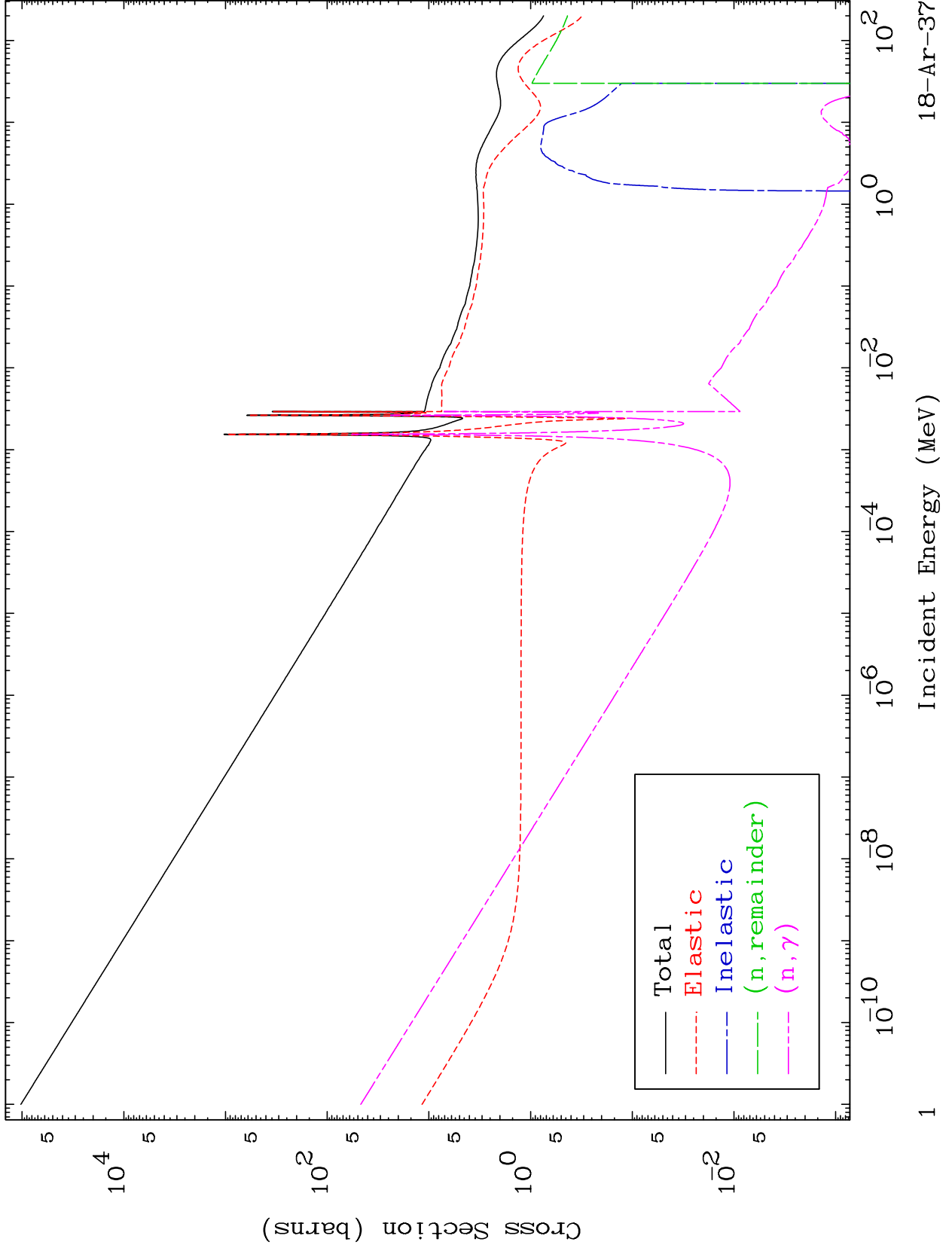
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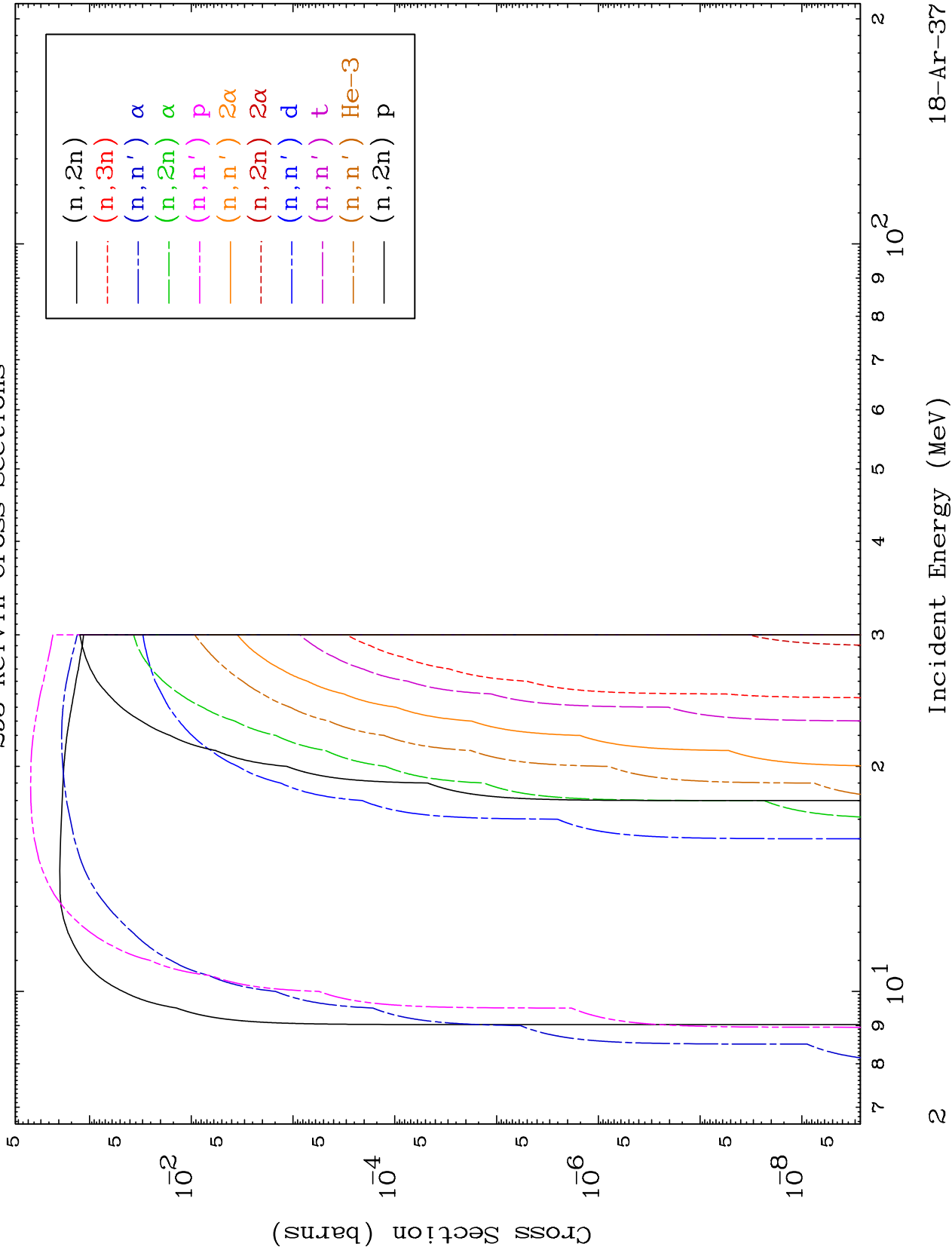
Press Mouse Button to Start

MAT 1828

Major
293 Kelvin Cross Sections

18-Ar-37

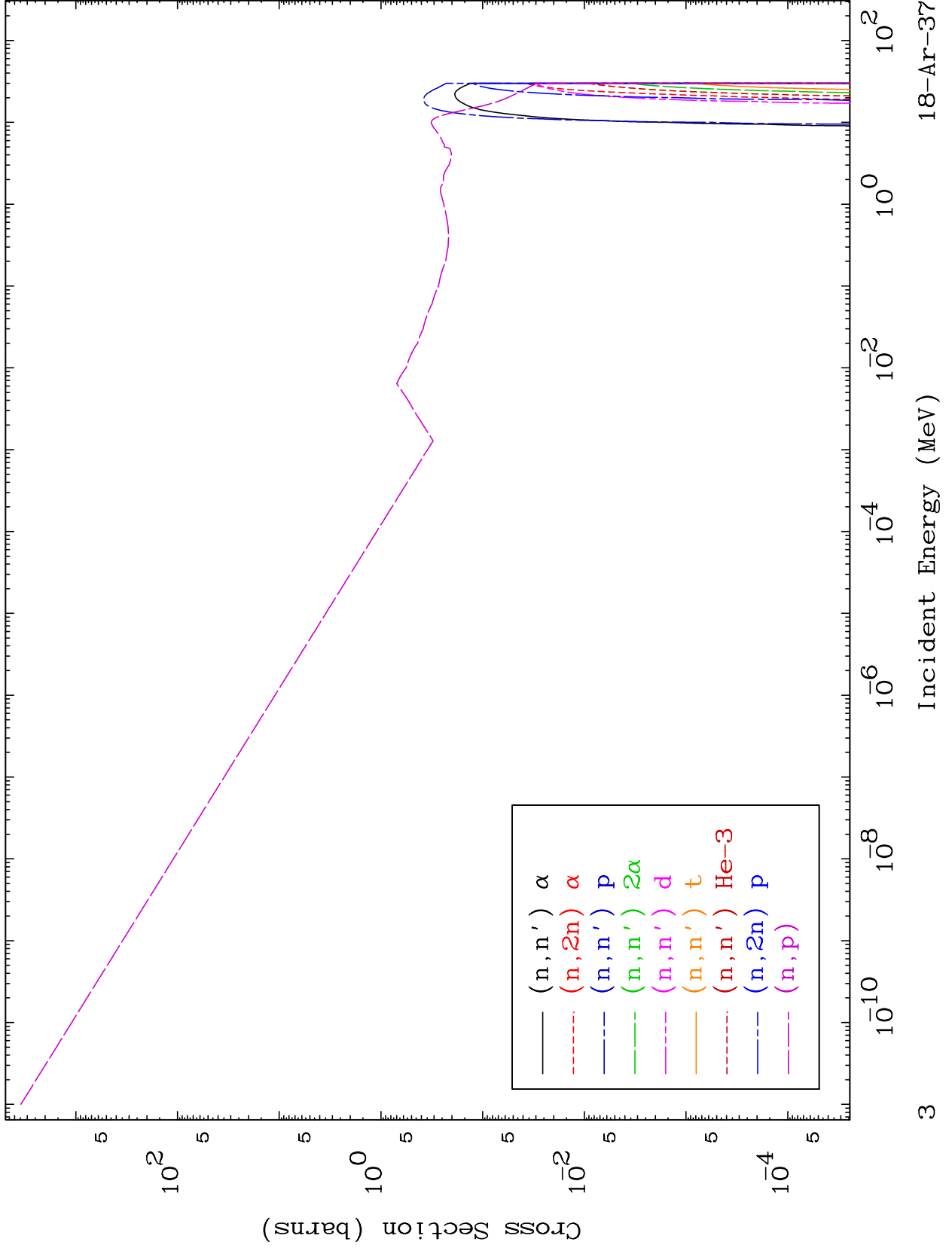




MAT 1828

Charged Particle
293 Kelvin Cross Sections

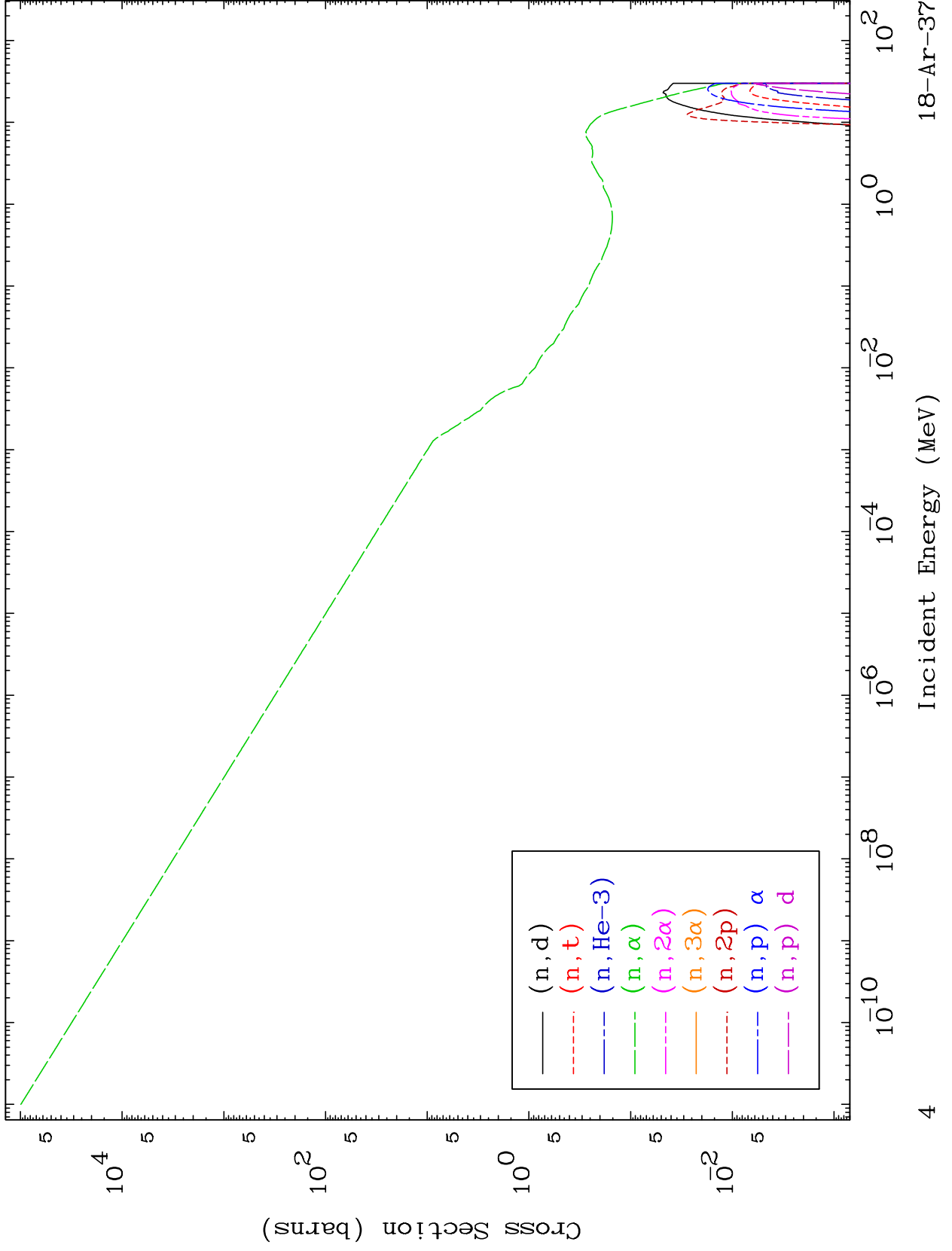
18-Ar-37

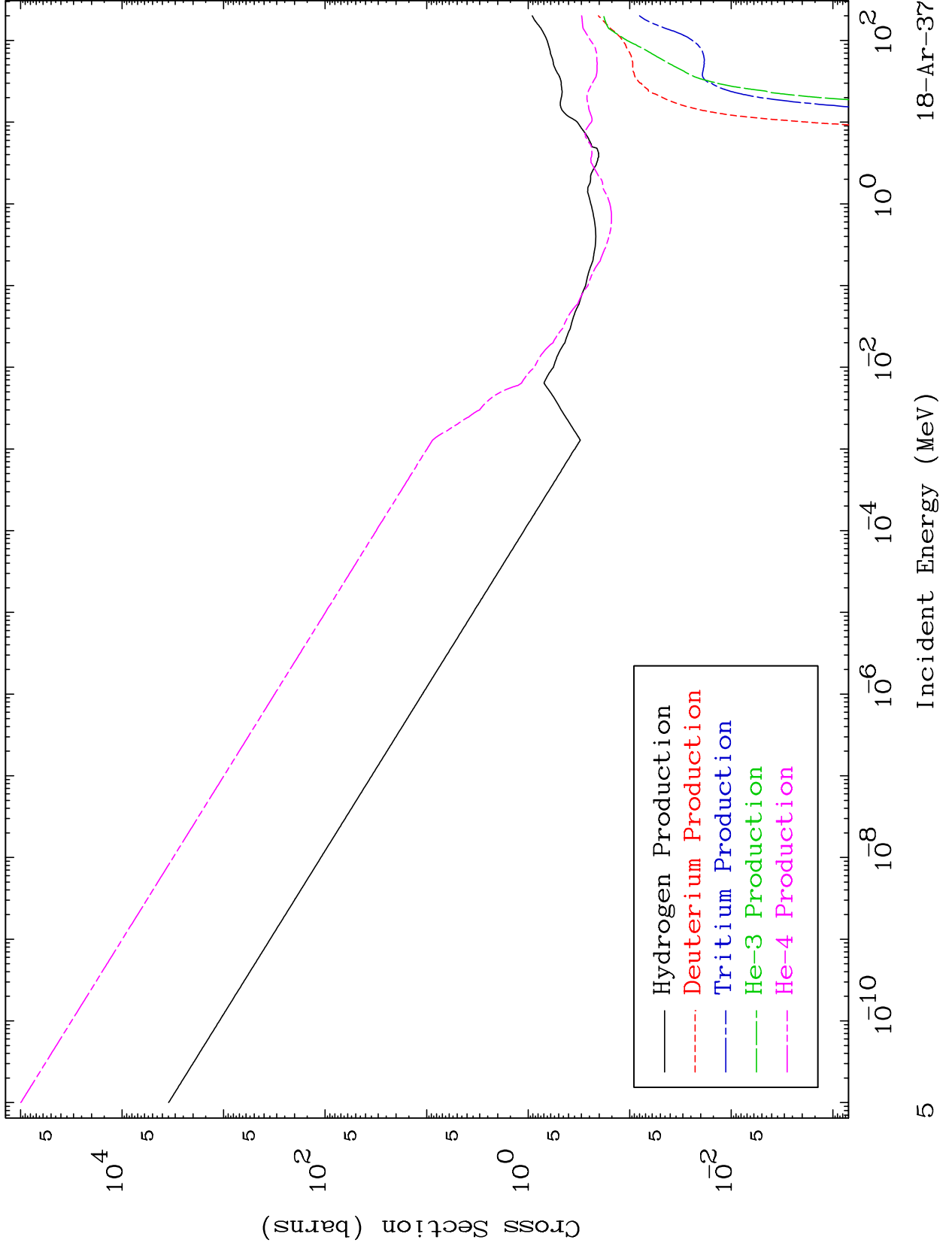


MAT 1828

Charged Particle
293 Kelvin Cross Sections

18-Ar-37



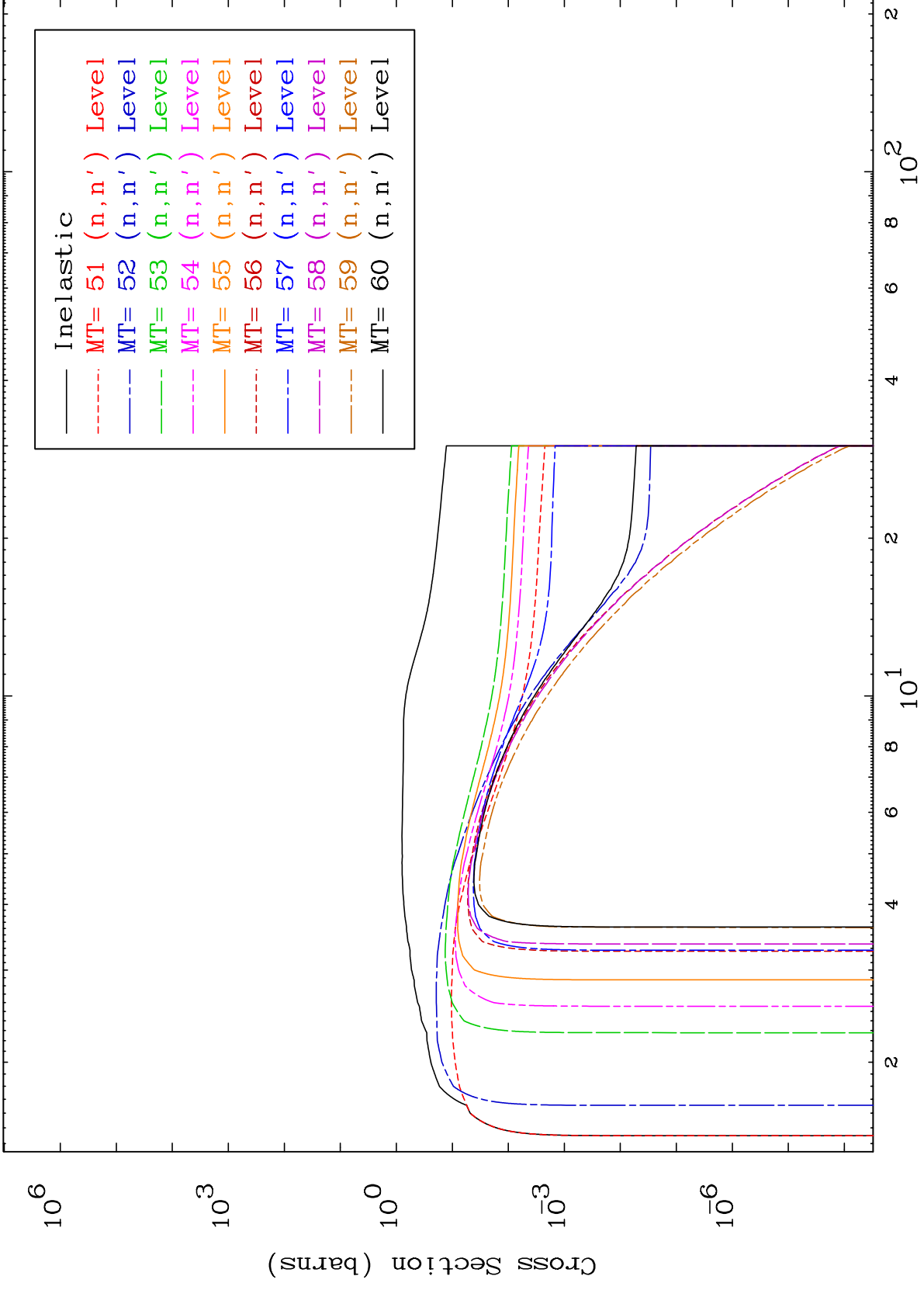


MAT 1828

(n,n') Level

18-Ar-37

293 Kelvin Cross Sections



6

Incident Energy (MeV)

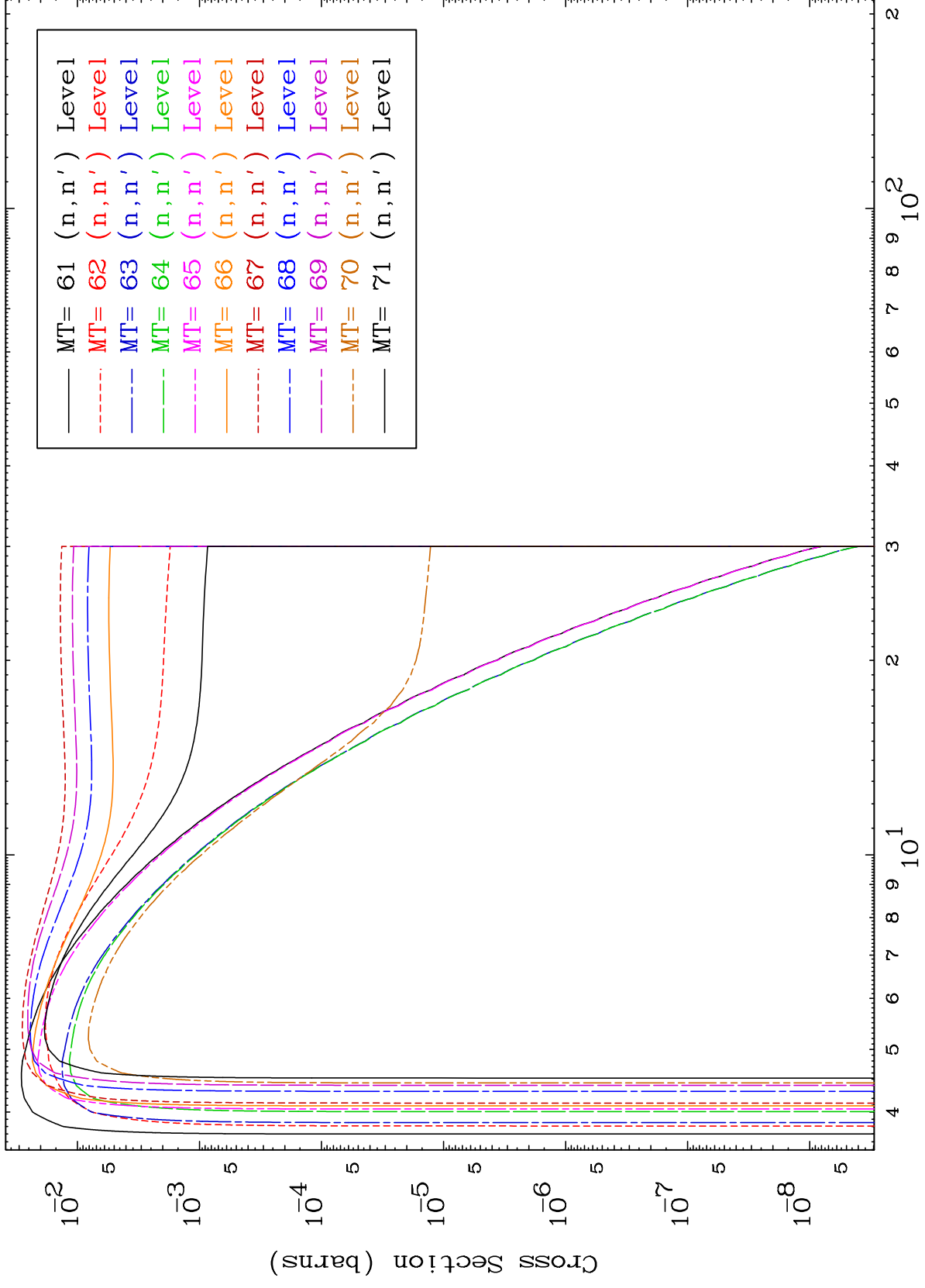
18-Ar-37

MAT 1828

(n,n') Level

18-Ar-37

293 Kelvin Cross Sections

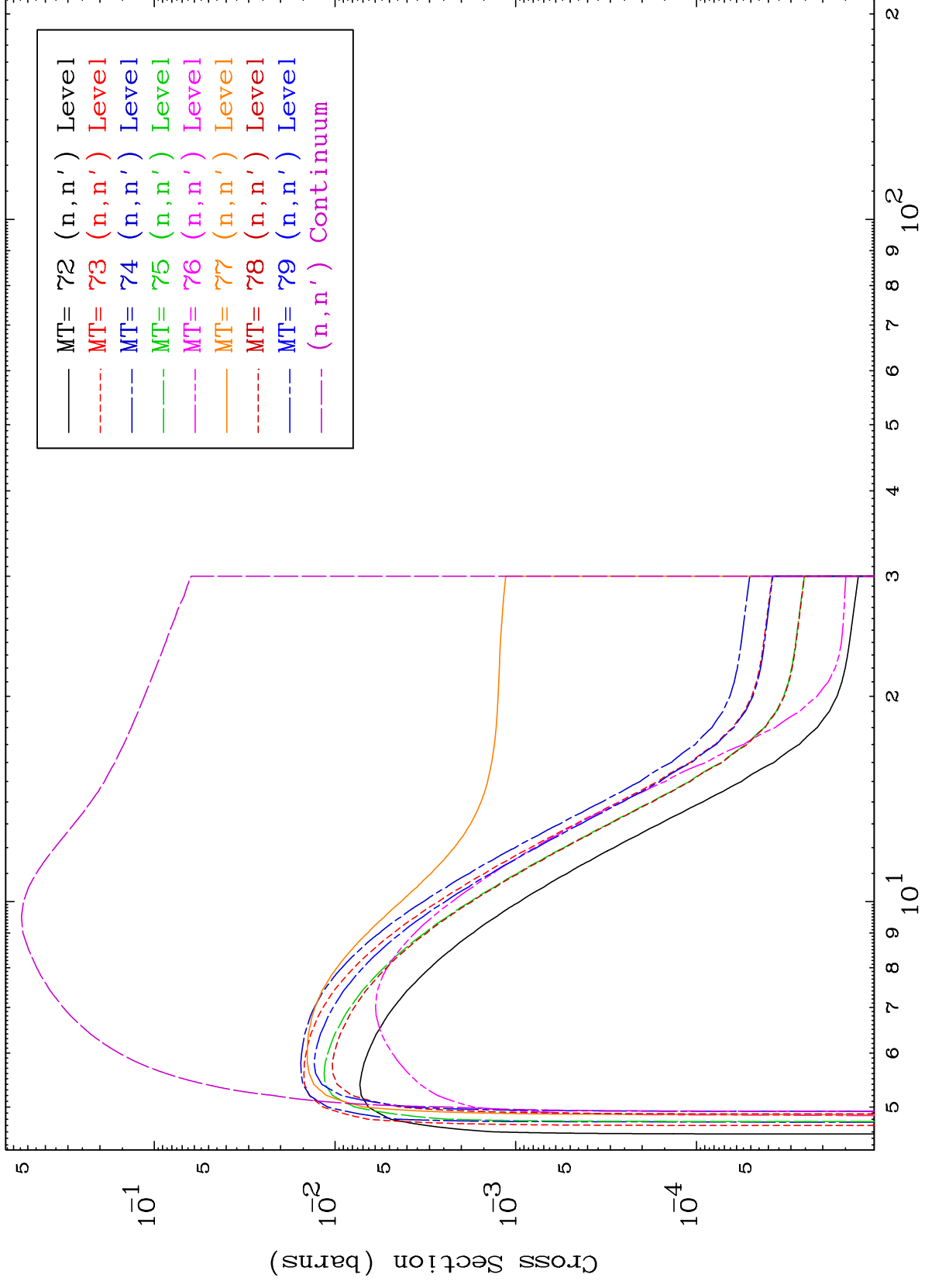


Incident Energy (MeV)

18-Ar-37

7

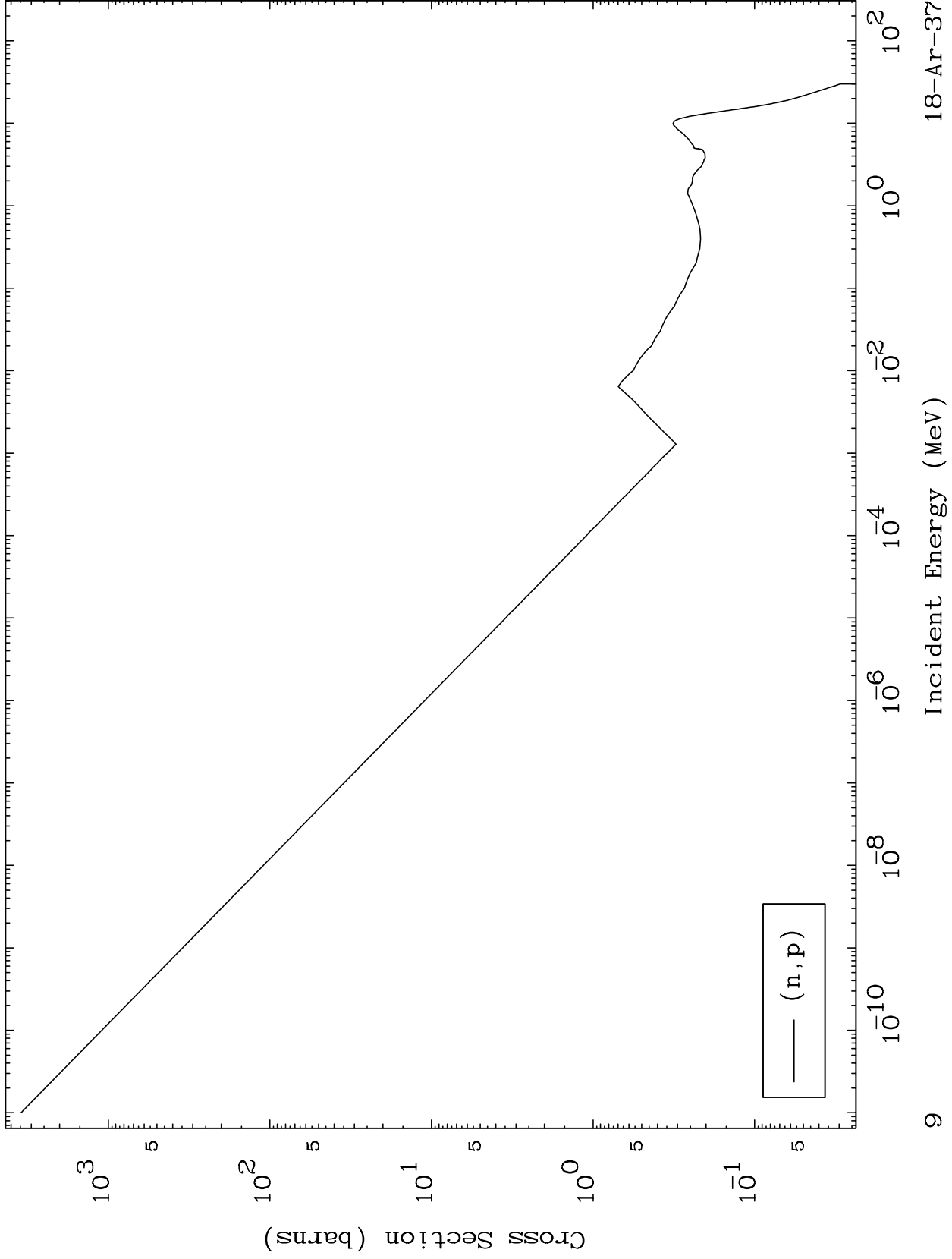
293 Kelvin Cross Sections



MAT 1828

(n,p) Levels
293 Kelvin Cross Sections

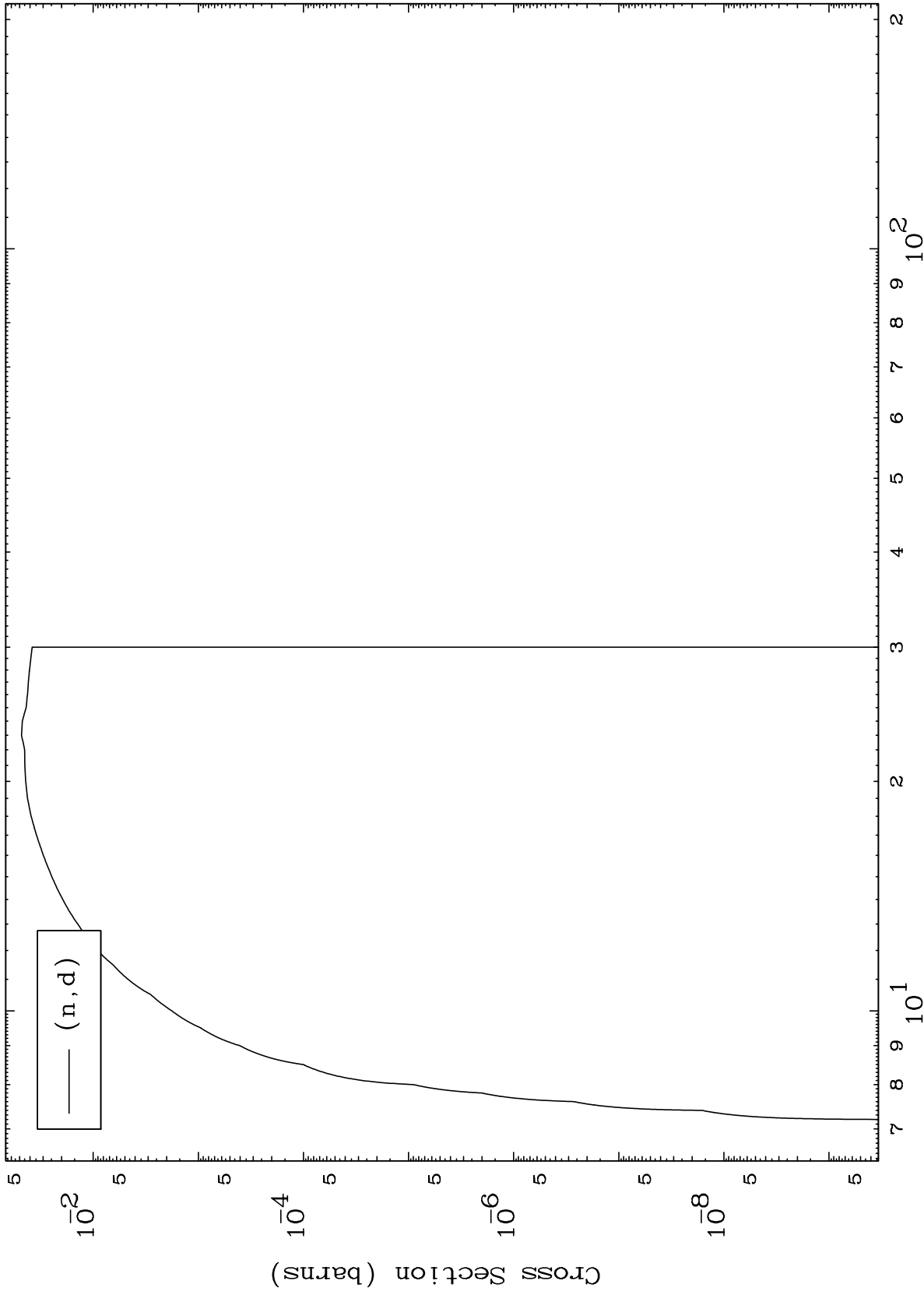
18-Ar-37



MAT 1828

(n,d) Levels
293 Kelvin Cross Sections

18-Ar-37



Incident Energy (MeV)

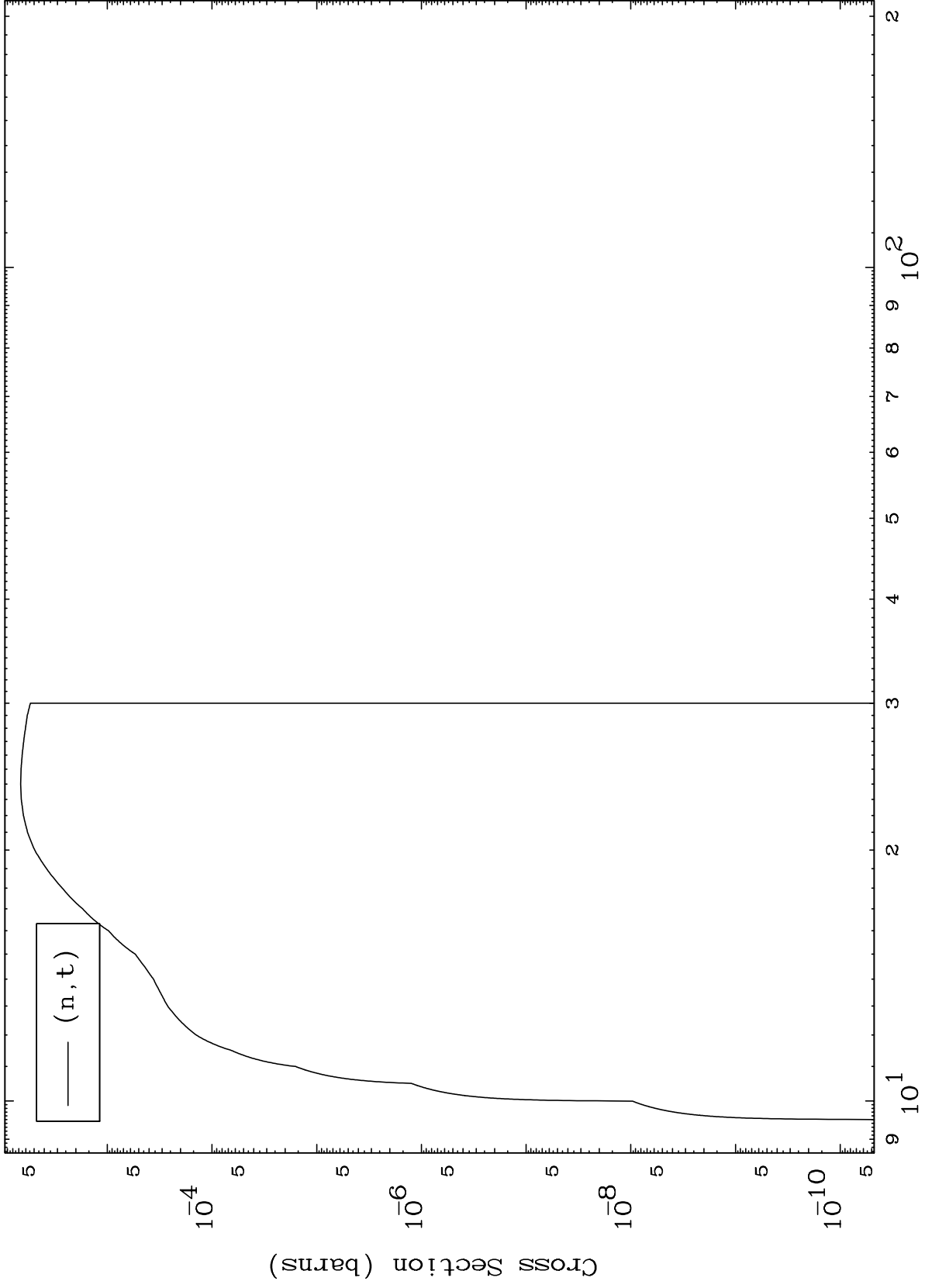
18-Ar-37

10

MAT 1828

(n,t) Levels
293 Kelvin Cross Sections

18-Ar-37



11

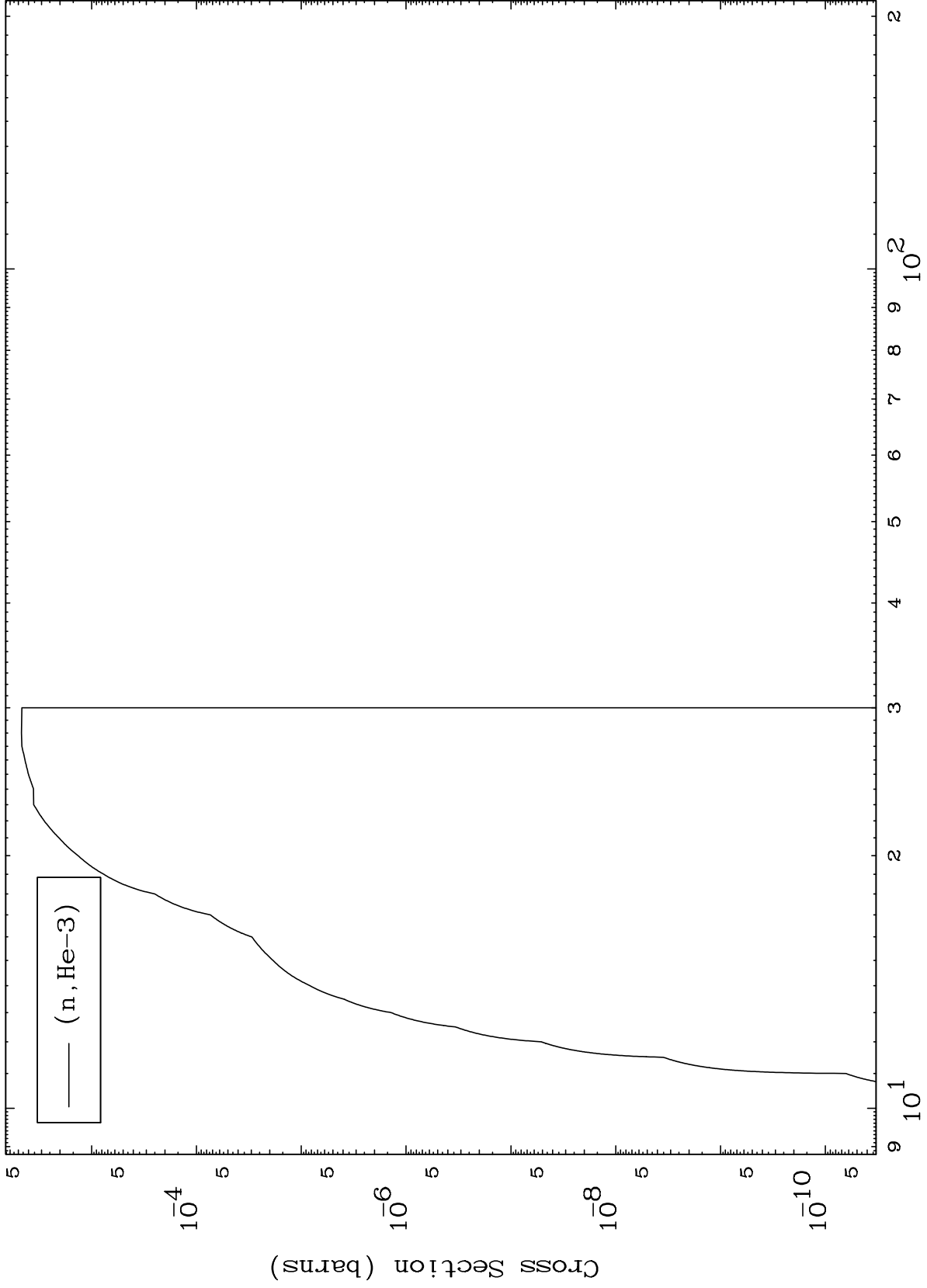
Incident Energy (MeV)

18-Ar-37

MAT 1828

(n,He3) Levels
293 Kelvin Cross Sections

18-Ar-37



12

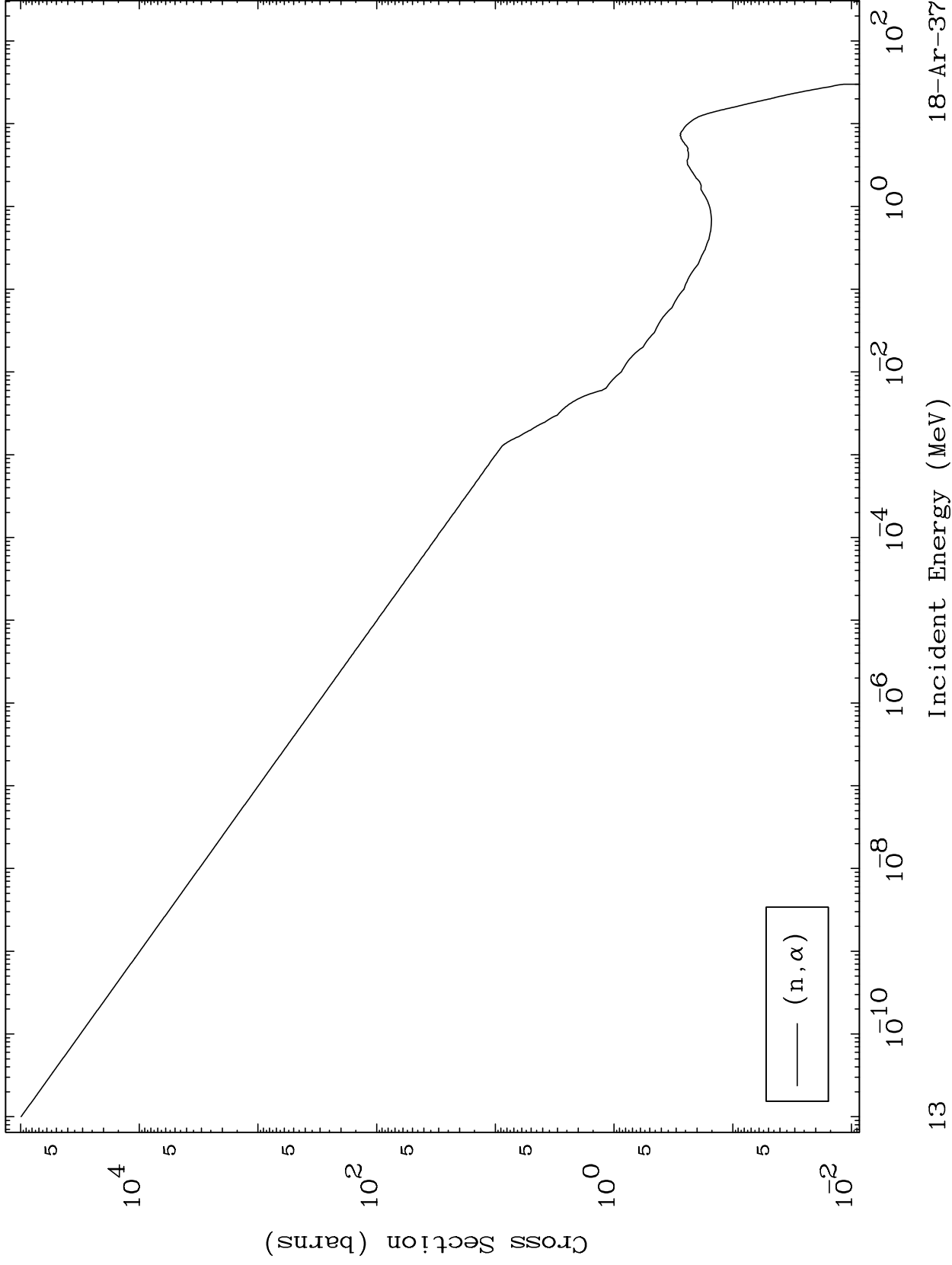
Incident Energy (MeV)

18-Ar-37

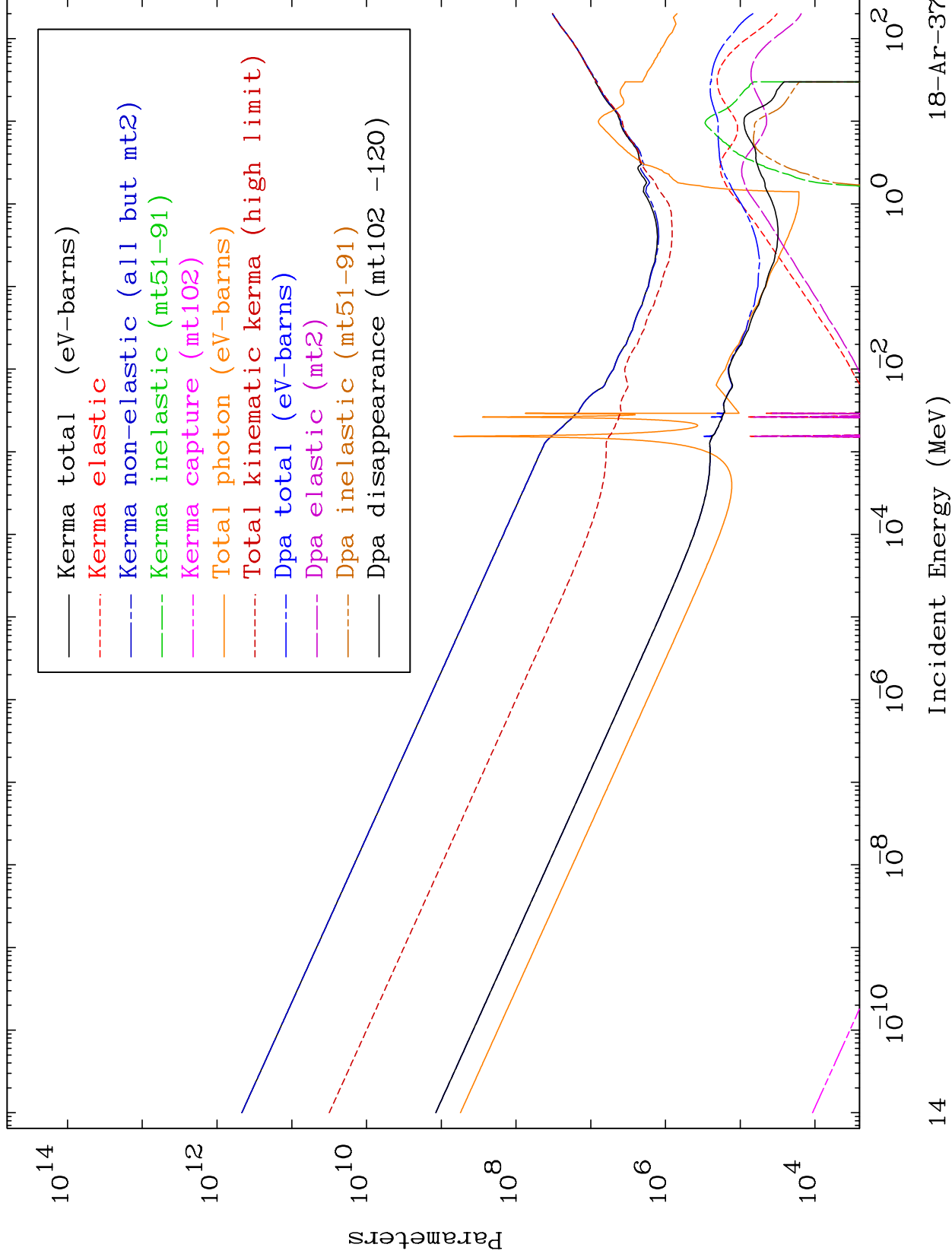
MAT 1828

(n,α) Levels
293 Kelvin Cross Sections

18-Ar-37



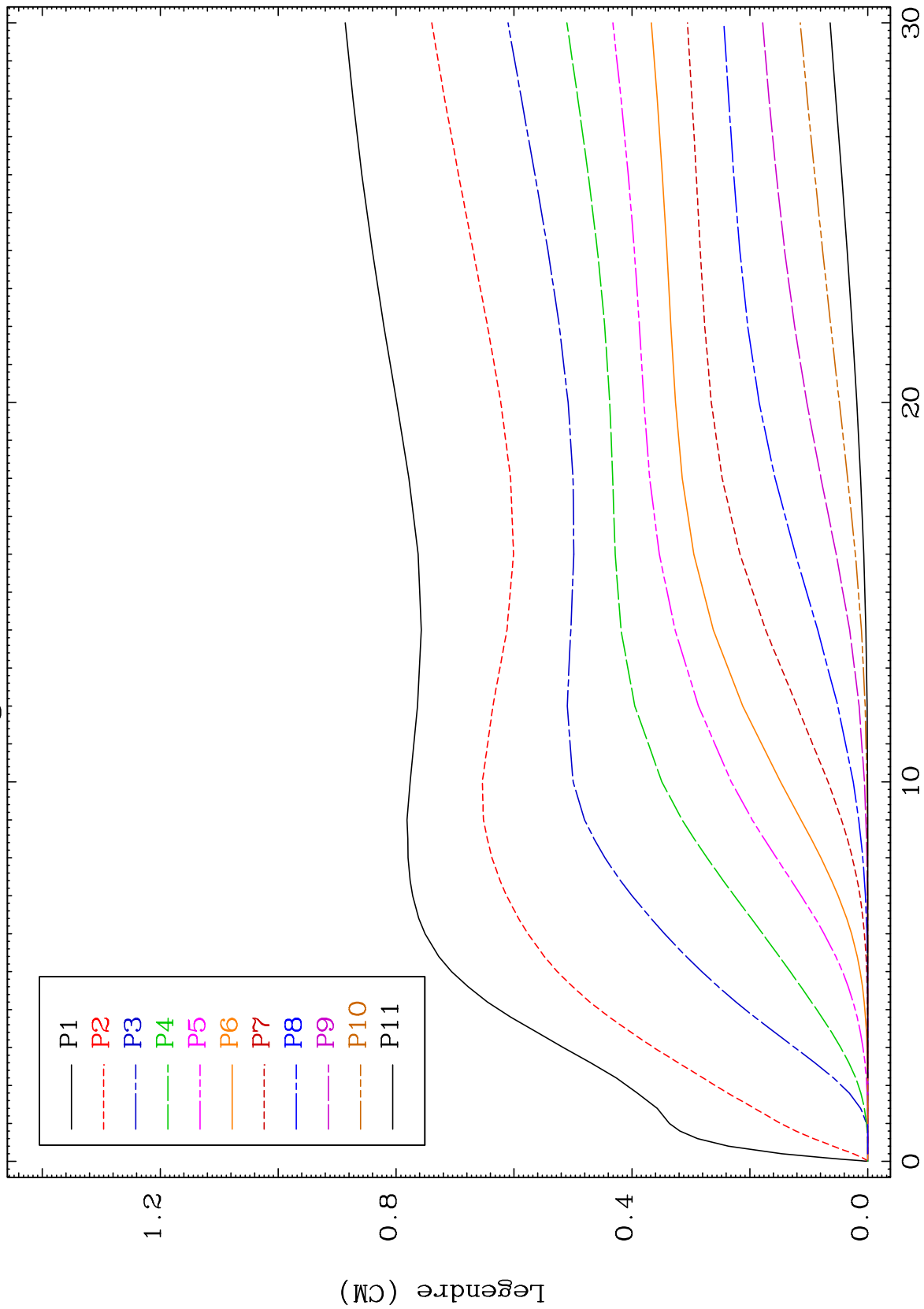
13



MAT 1828

Elastic Legendre Coefficients

18-Ar-37



15

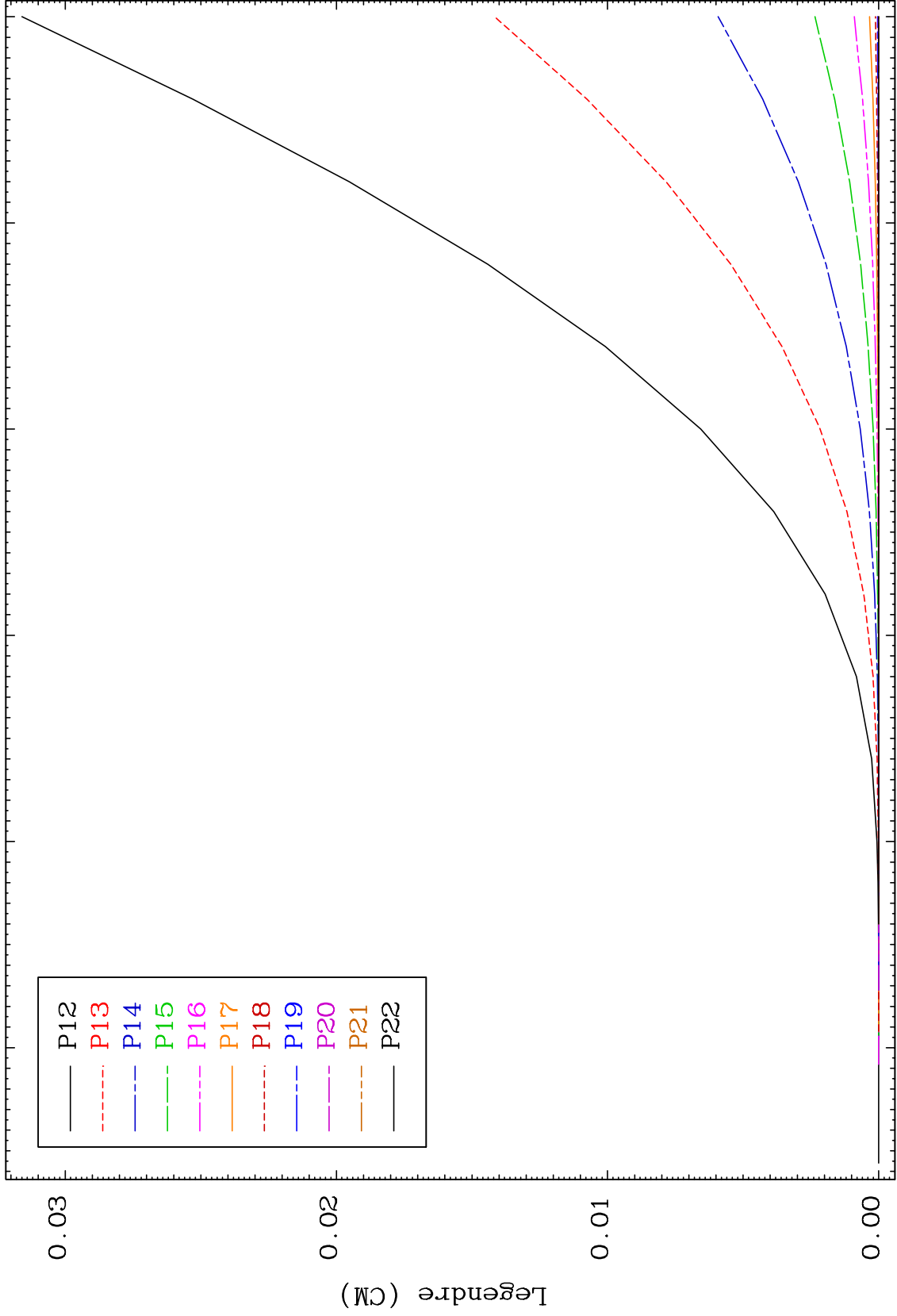
Incident Energy (MeV)

18-Ar-37

MAT 1828

Elastic Legendre Coefficients

18-Ar-37



16

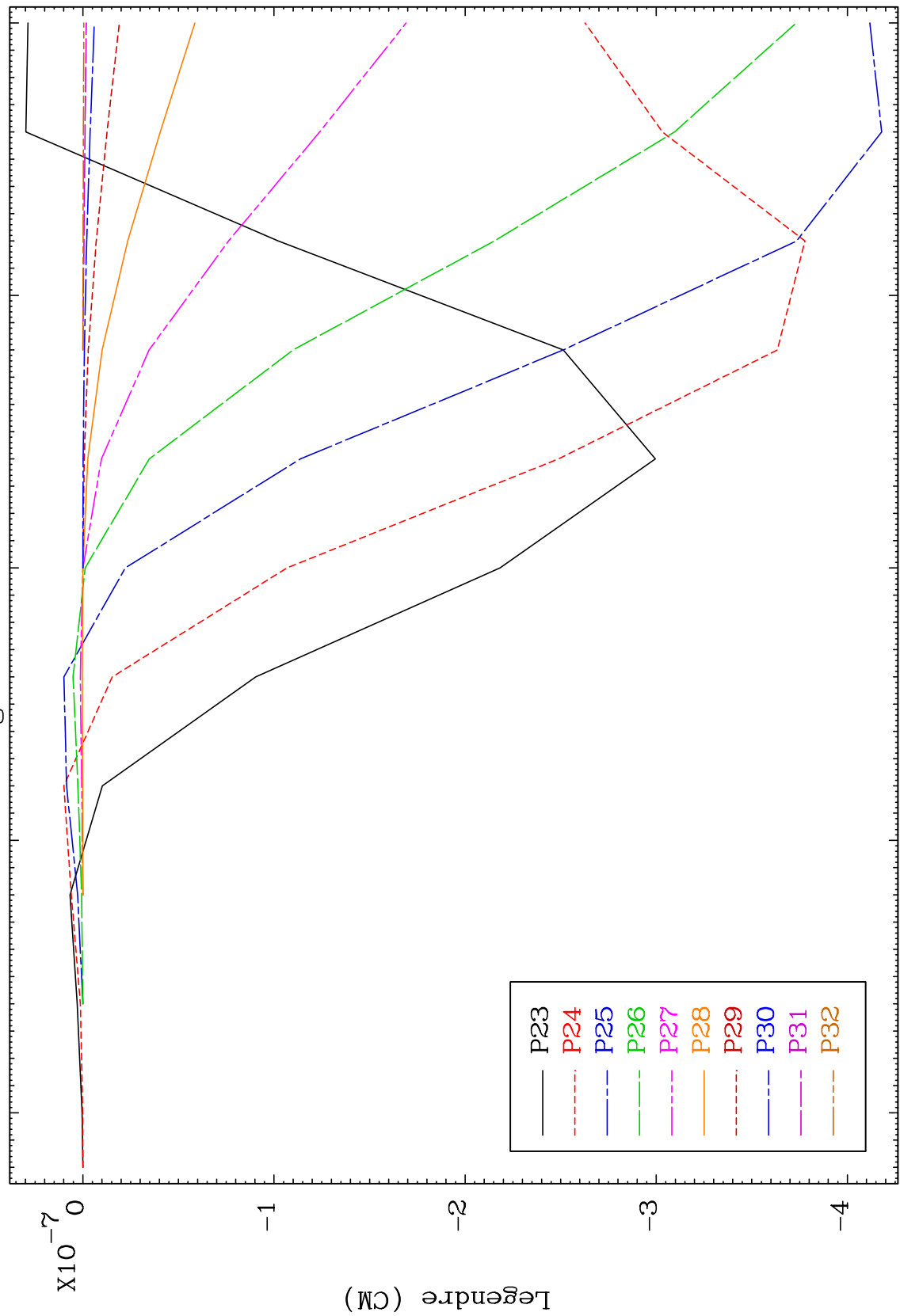
Incident Energy (MeV)

18-Ar-37

MAT 1828

Elastic Legendre Coefficients

18-Ar-37



17

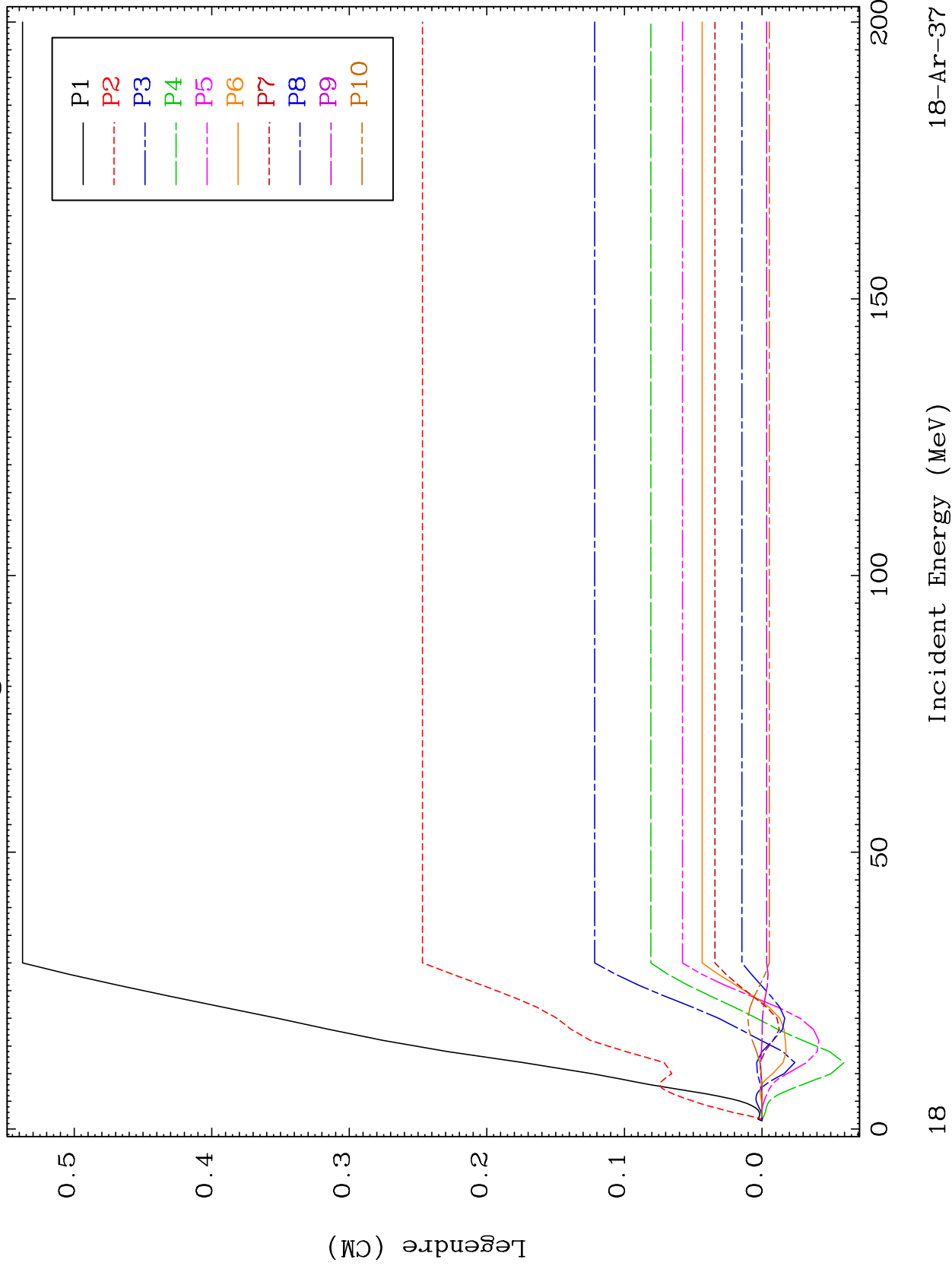
Incident Energy (MeV)

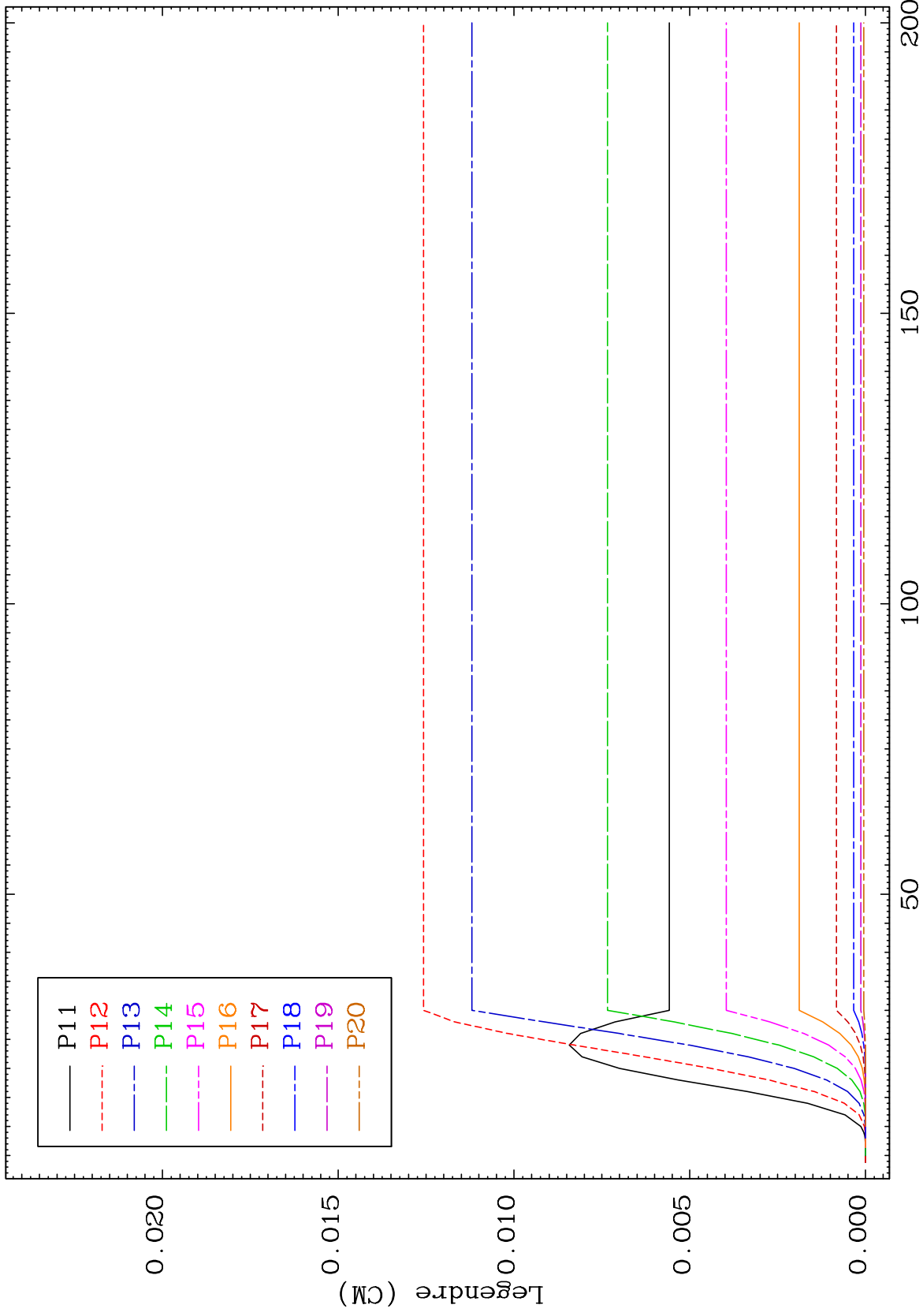
18-Ar-37

MAT 1828

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

18-Ar-37

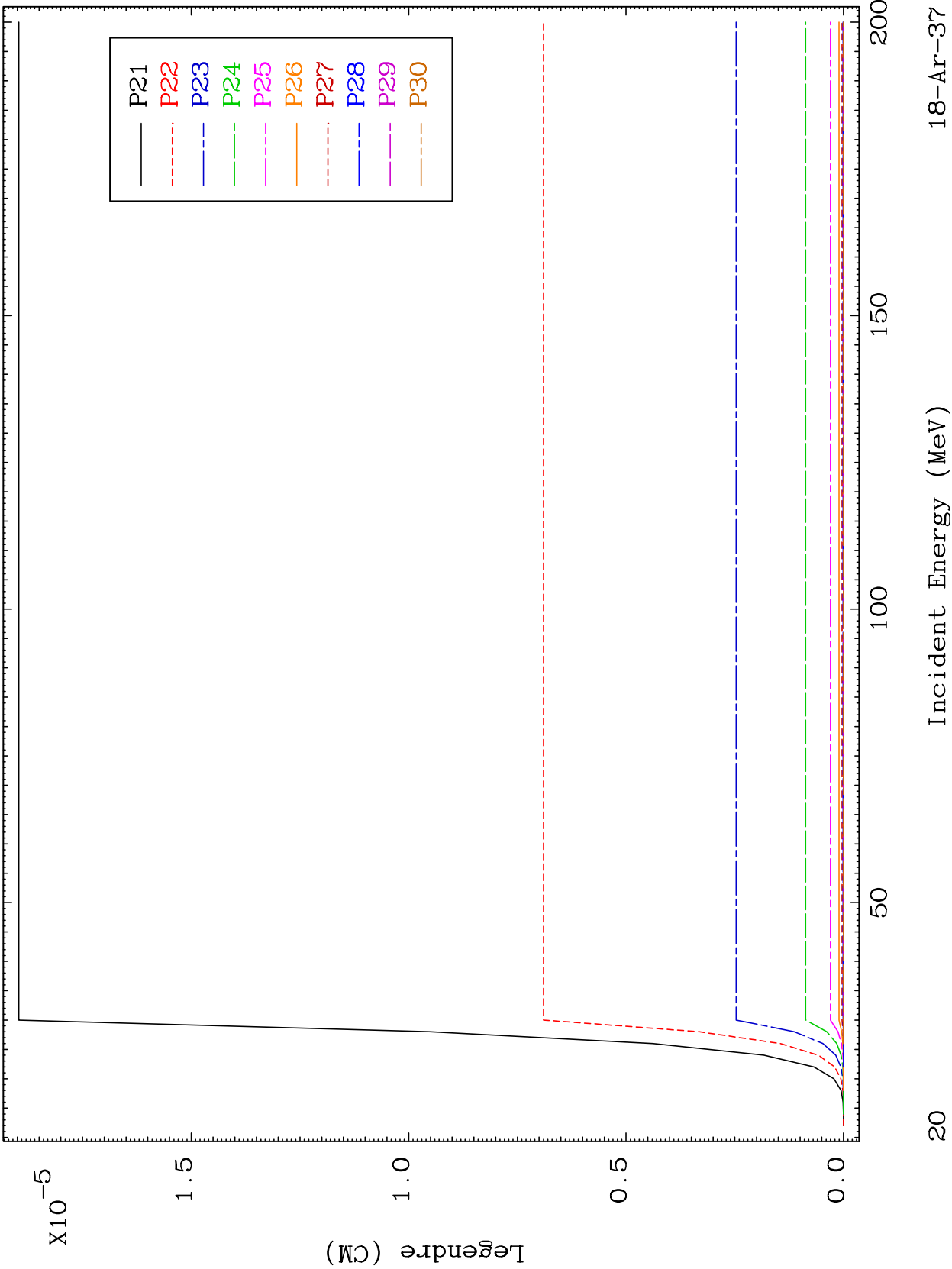




MAT 1828

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

18-Ar-37

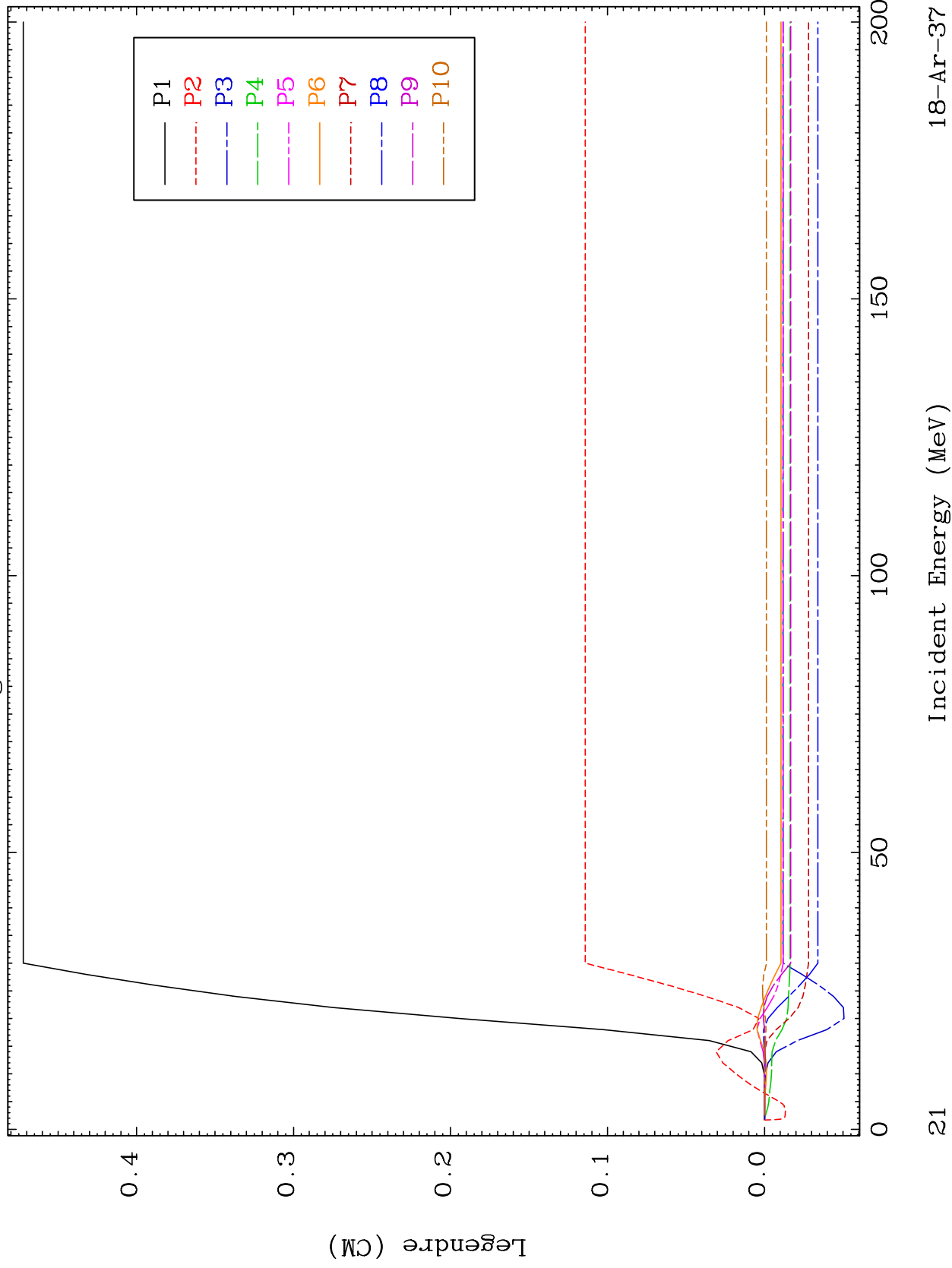


18-Ar-37

MAT 1828

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

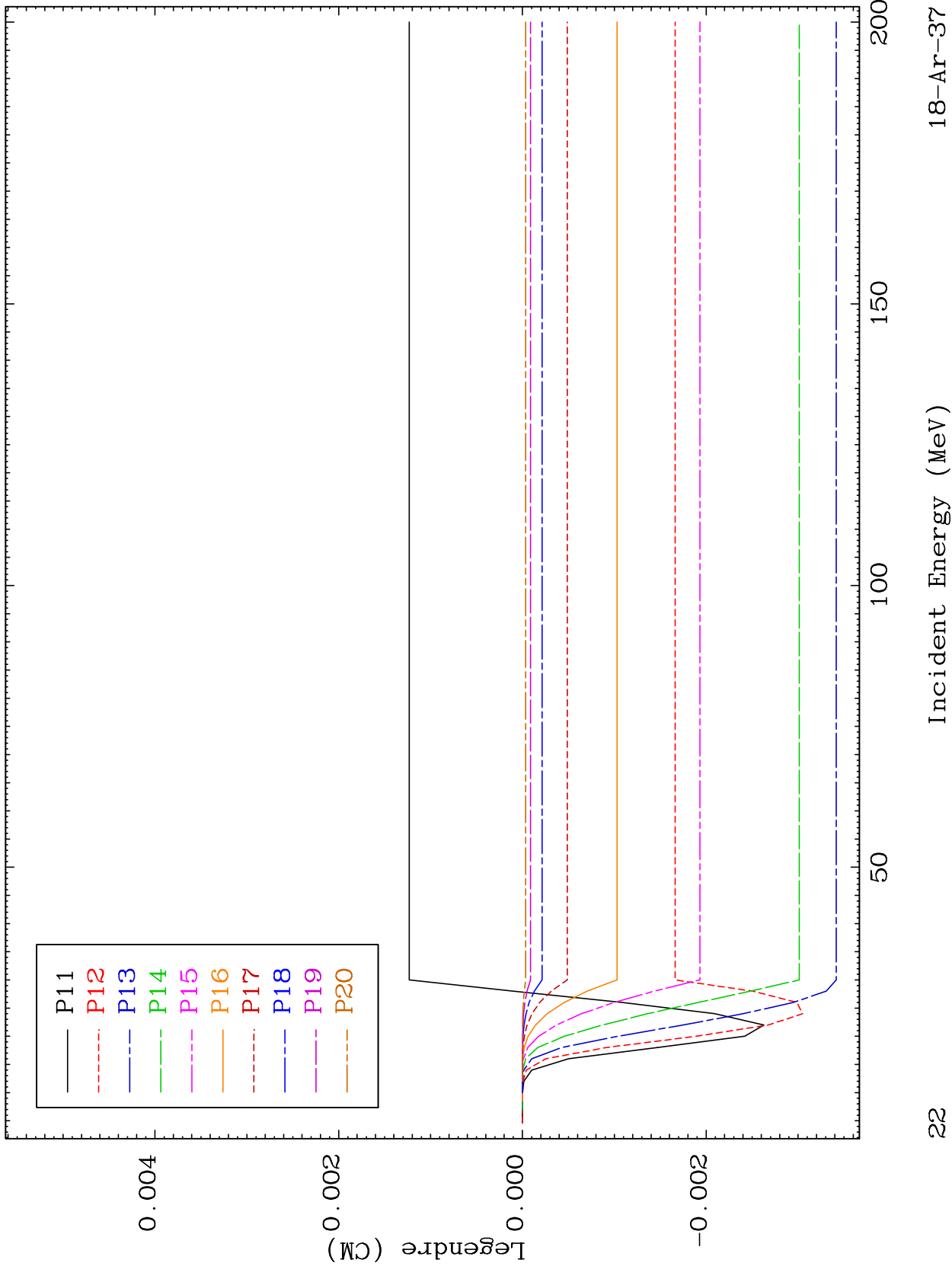
18-Ar-37



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Incident Energy (MeV)

18-Ar-37

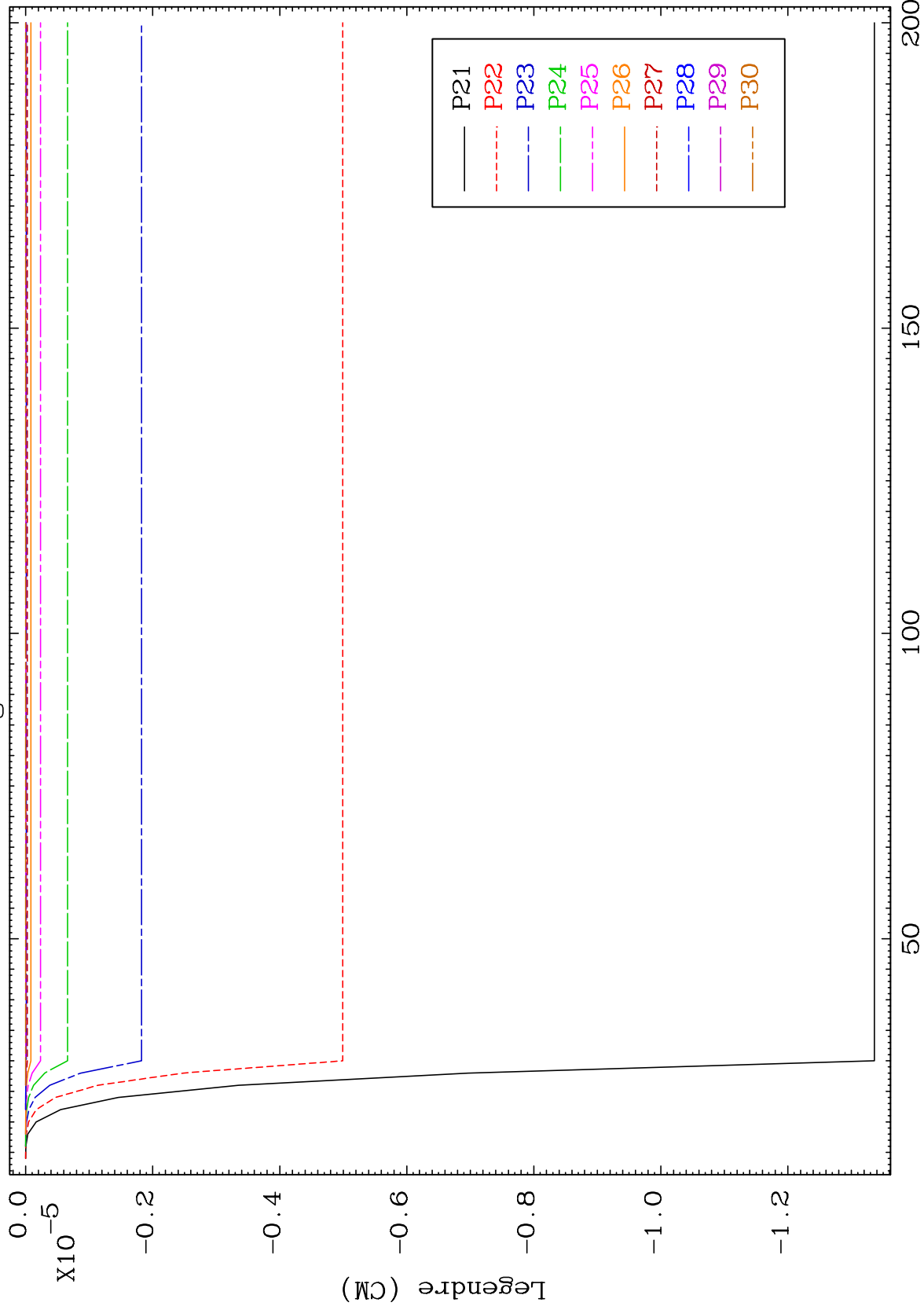


MAT 1828

MT= 52 (n,n') Level

18-Ar-37

Legendre Coefficients



23

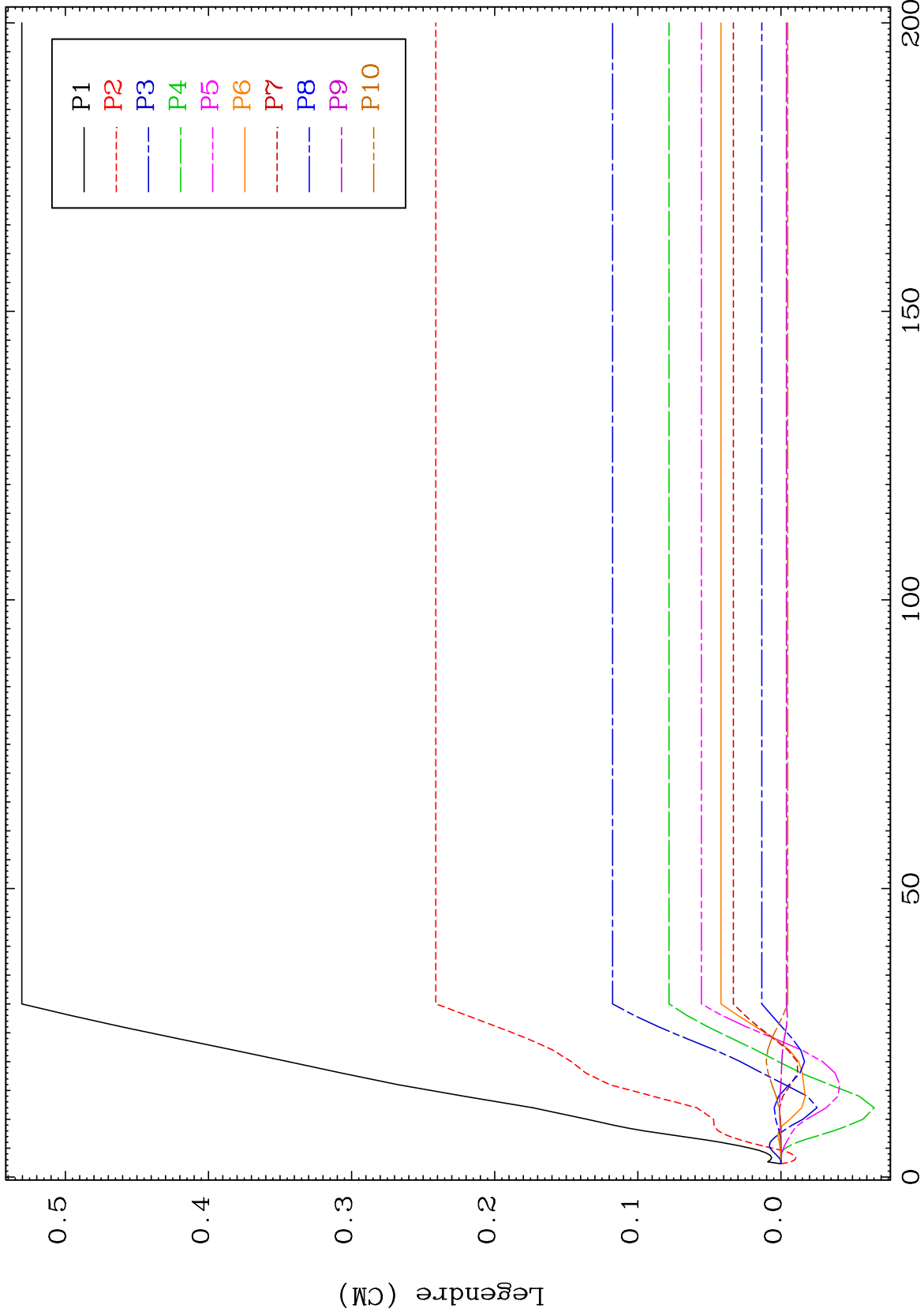
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

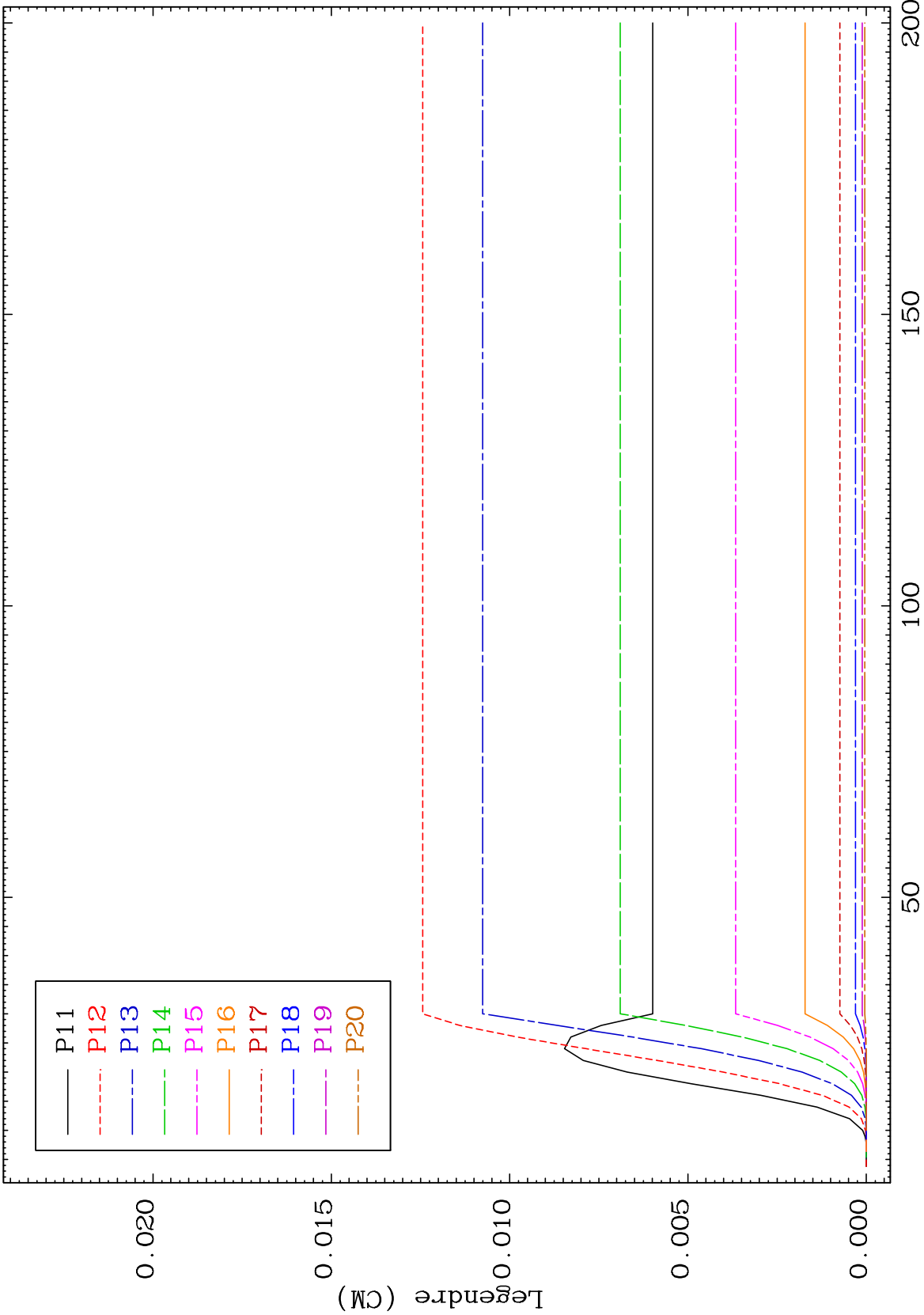
18-Ar-37



24

Incident Energy (MeV)

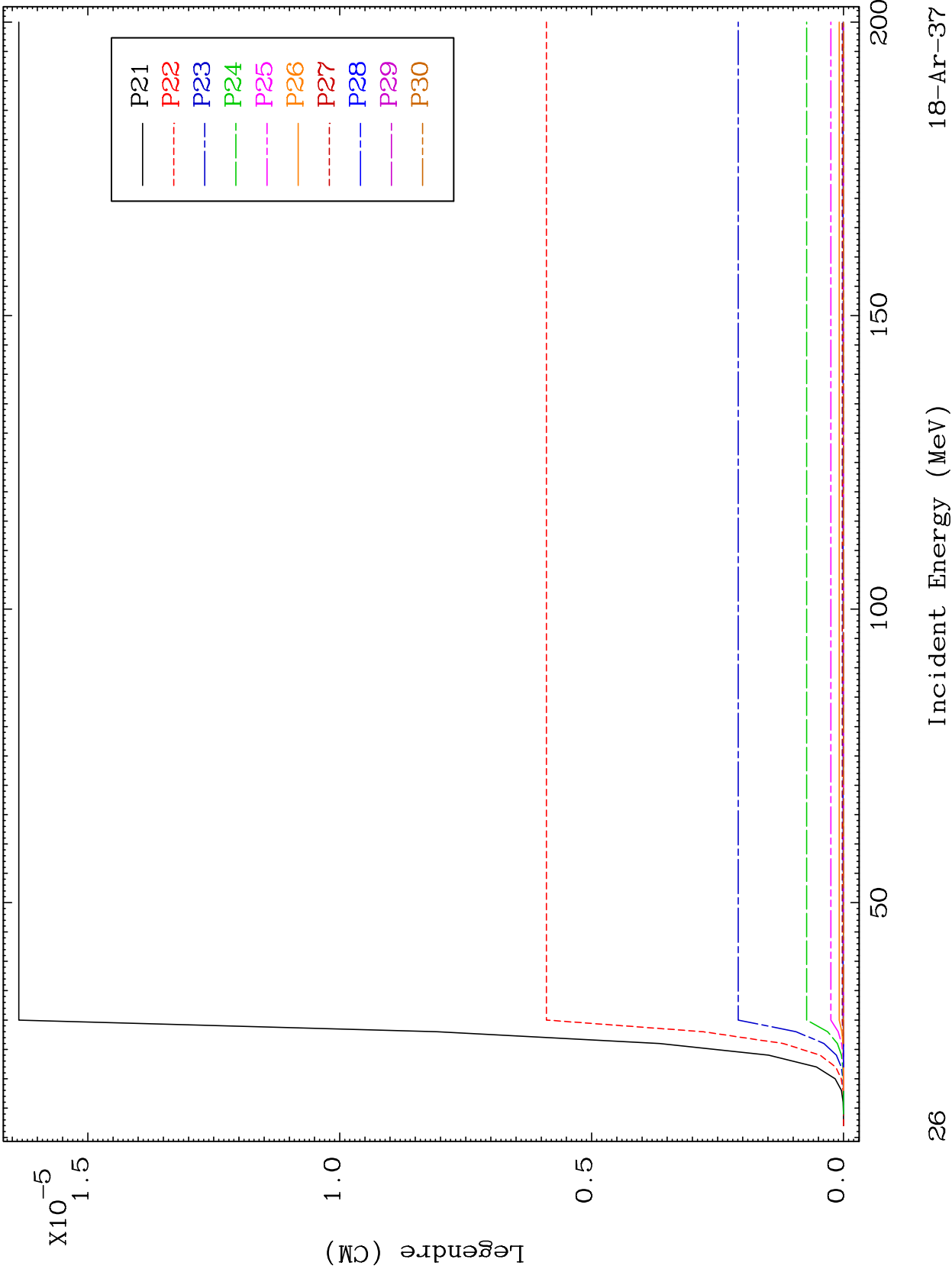
18-Ar-37



MAT 1828

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

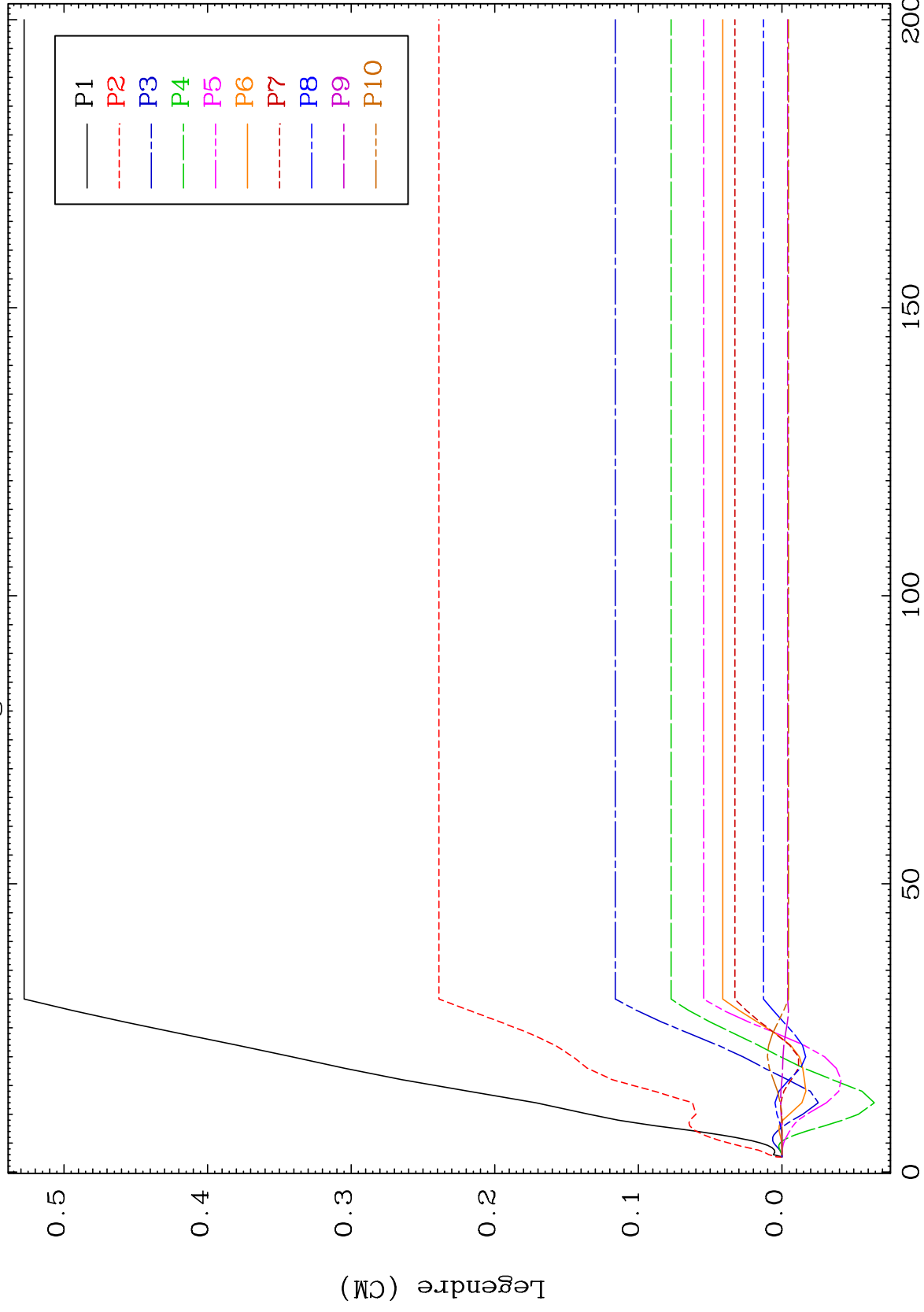
18-Ar-37



MAT 1828

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

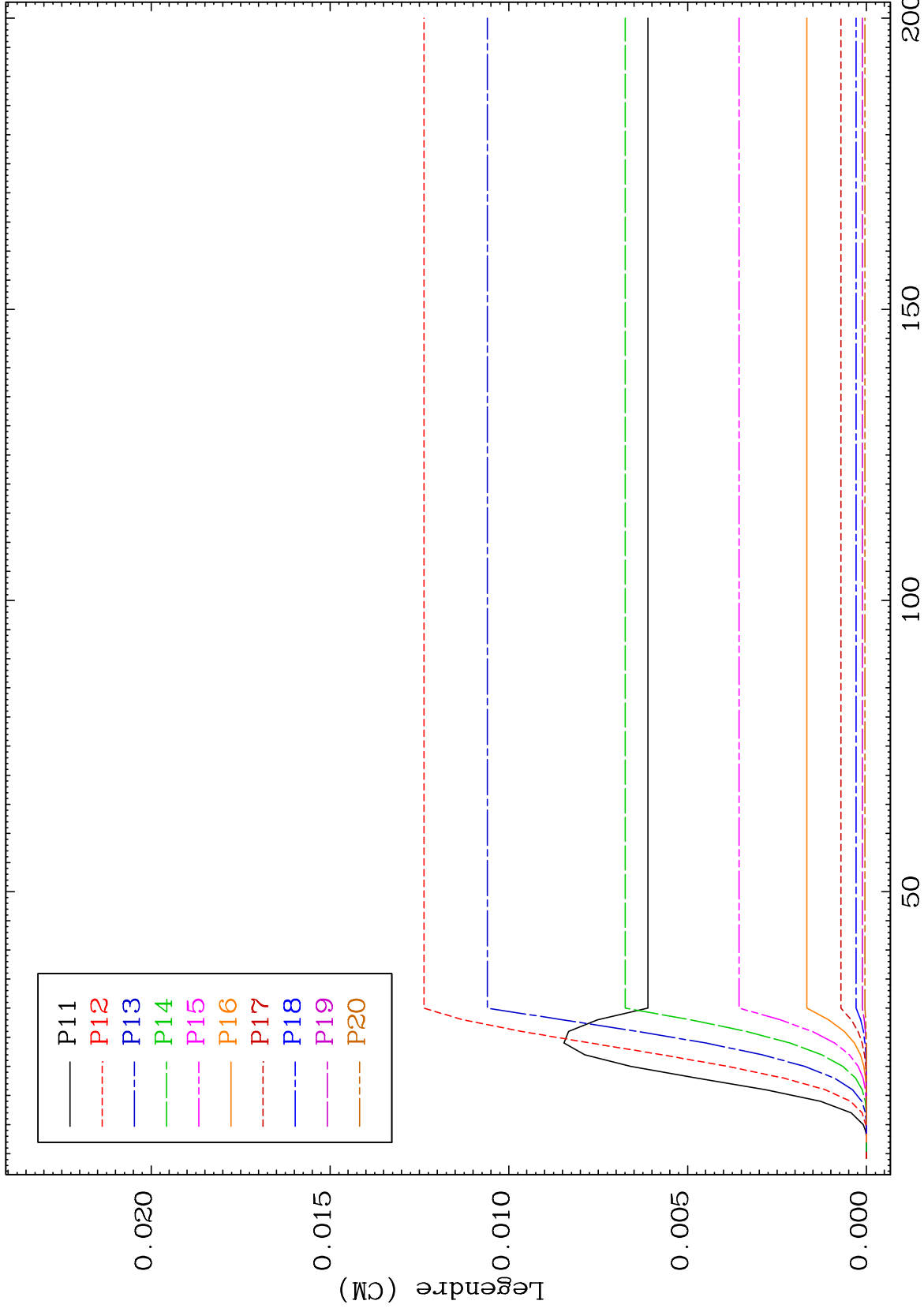
18-Ar-37



27

Incident Energy (MeV)

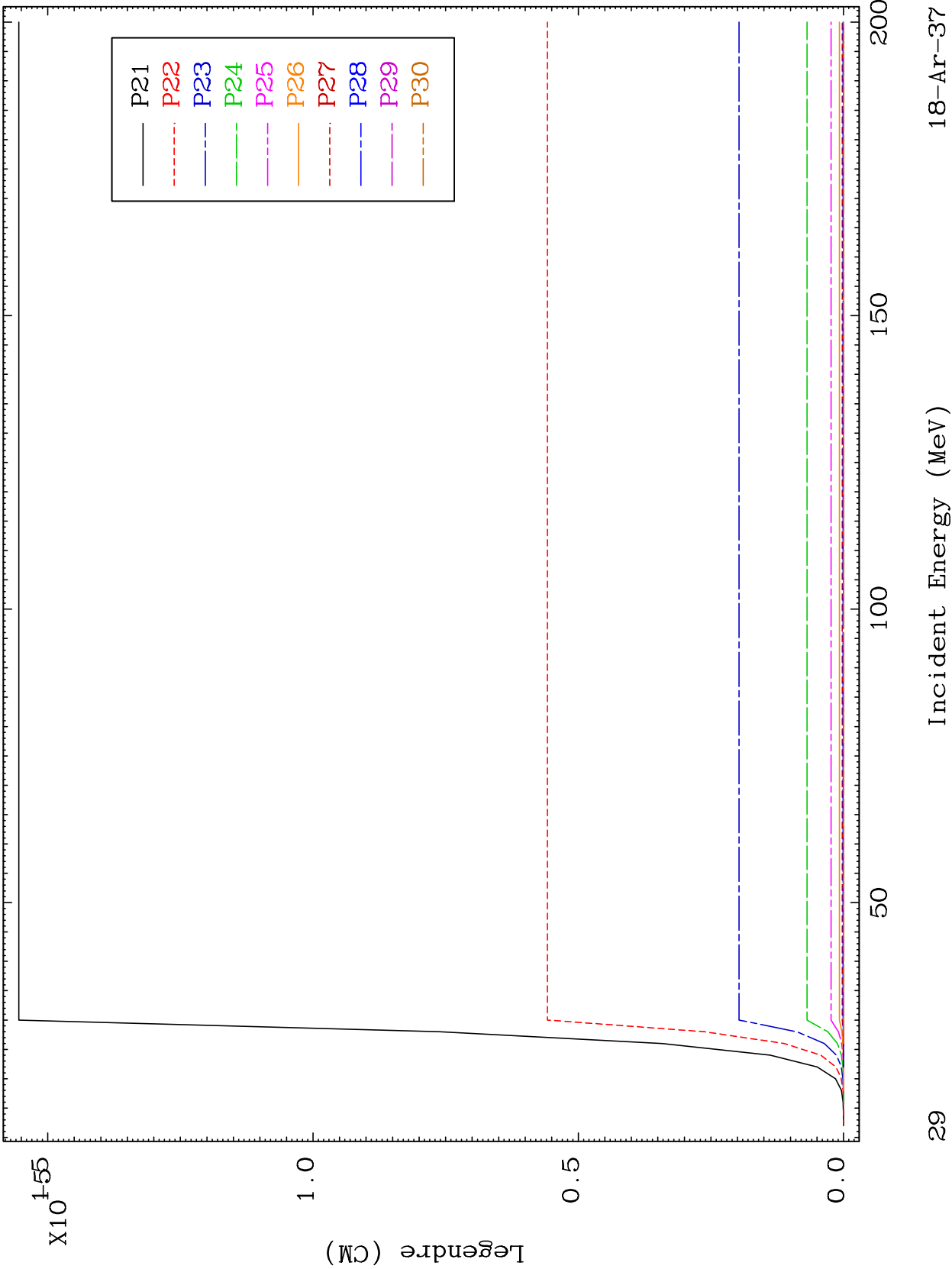
18-Ar-37



MAT 1828

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

18-Ar-37



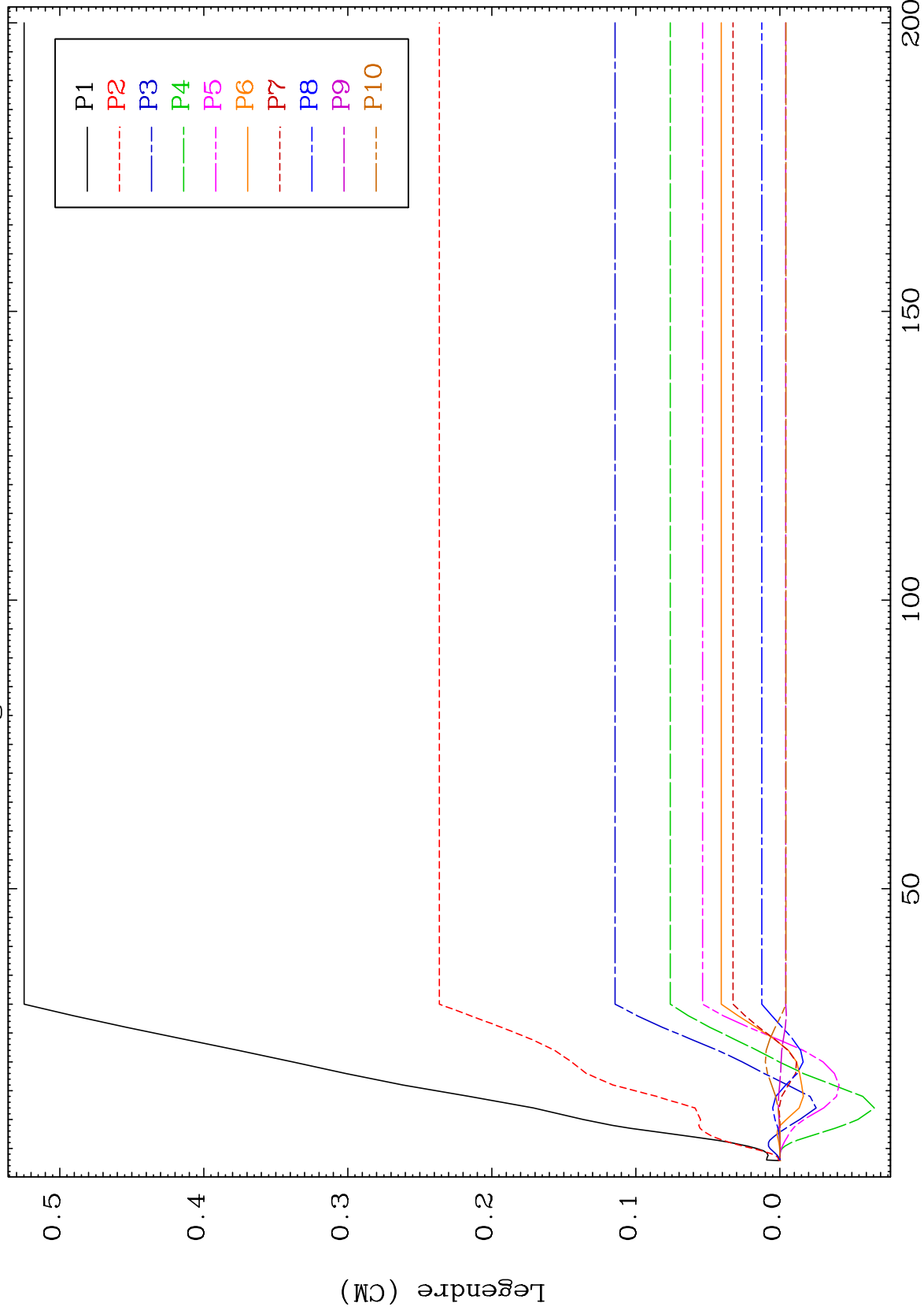
29

18-Ar-37

MAT 1828

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

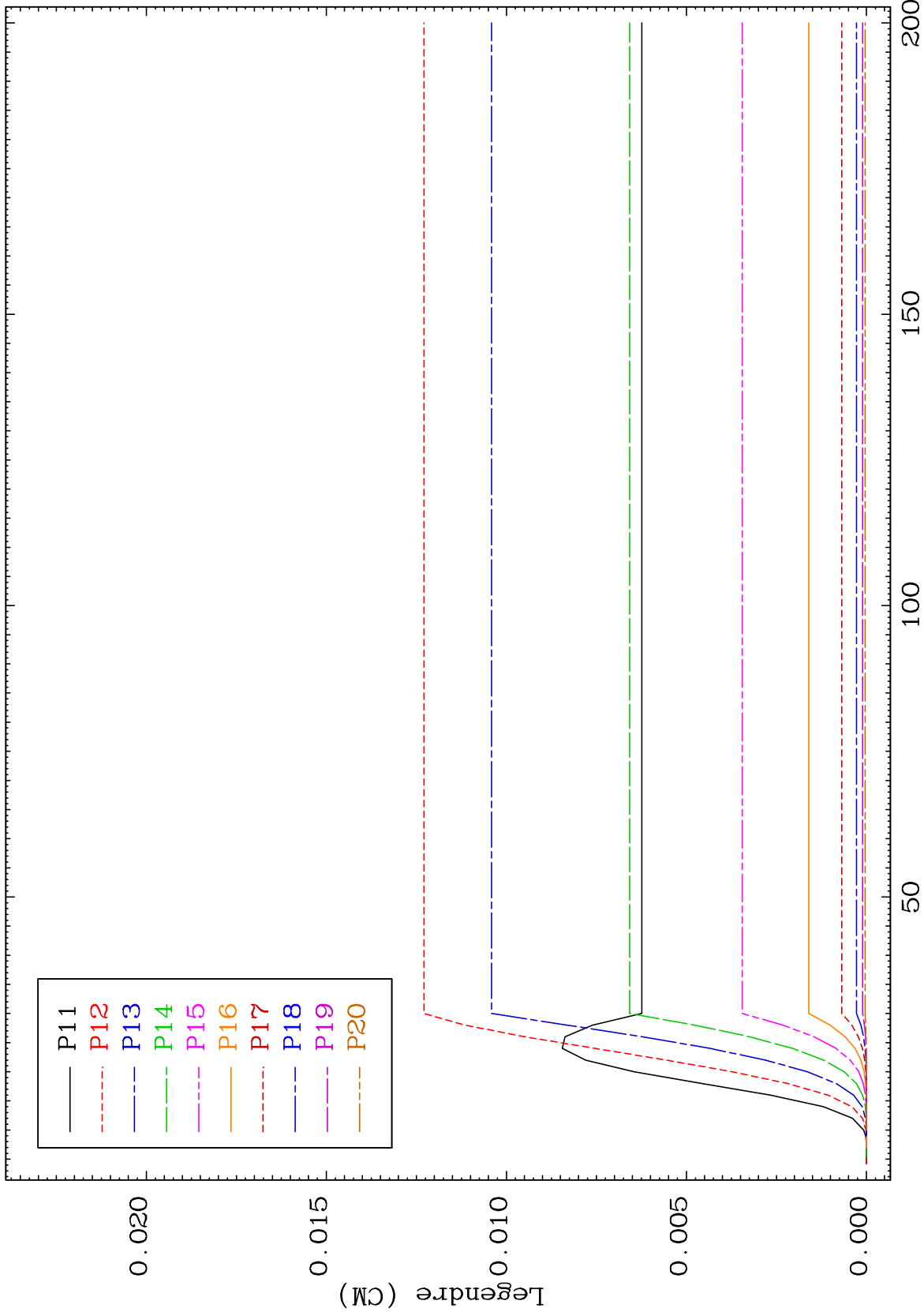
18-Ar-37



30

Incident Energy (MeV)

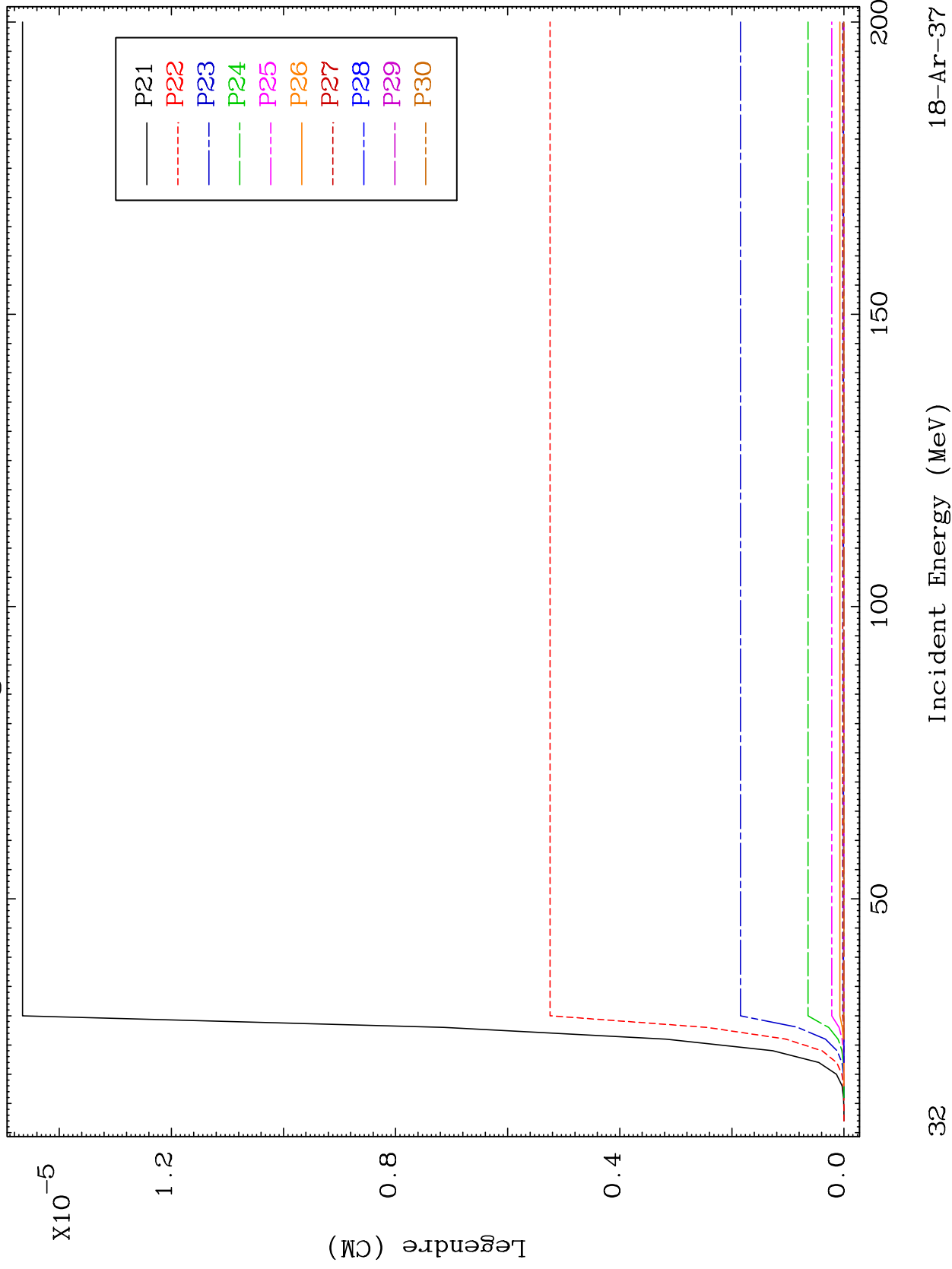
18-Ar-37

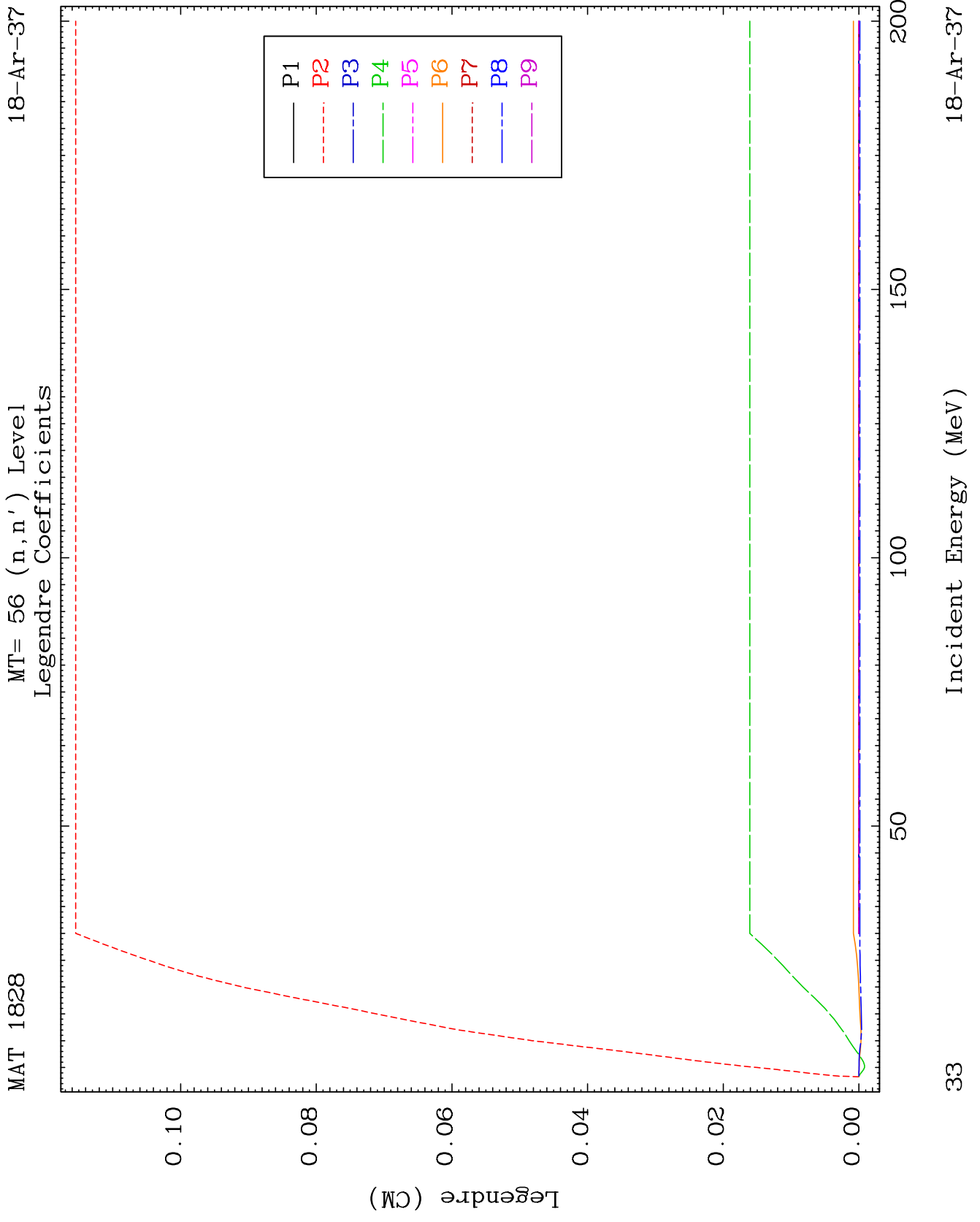


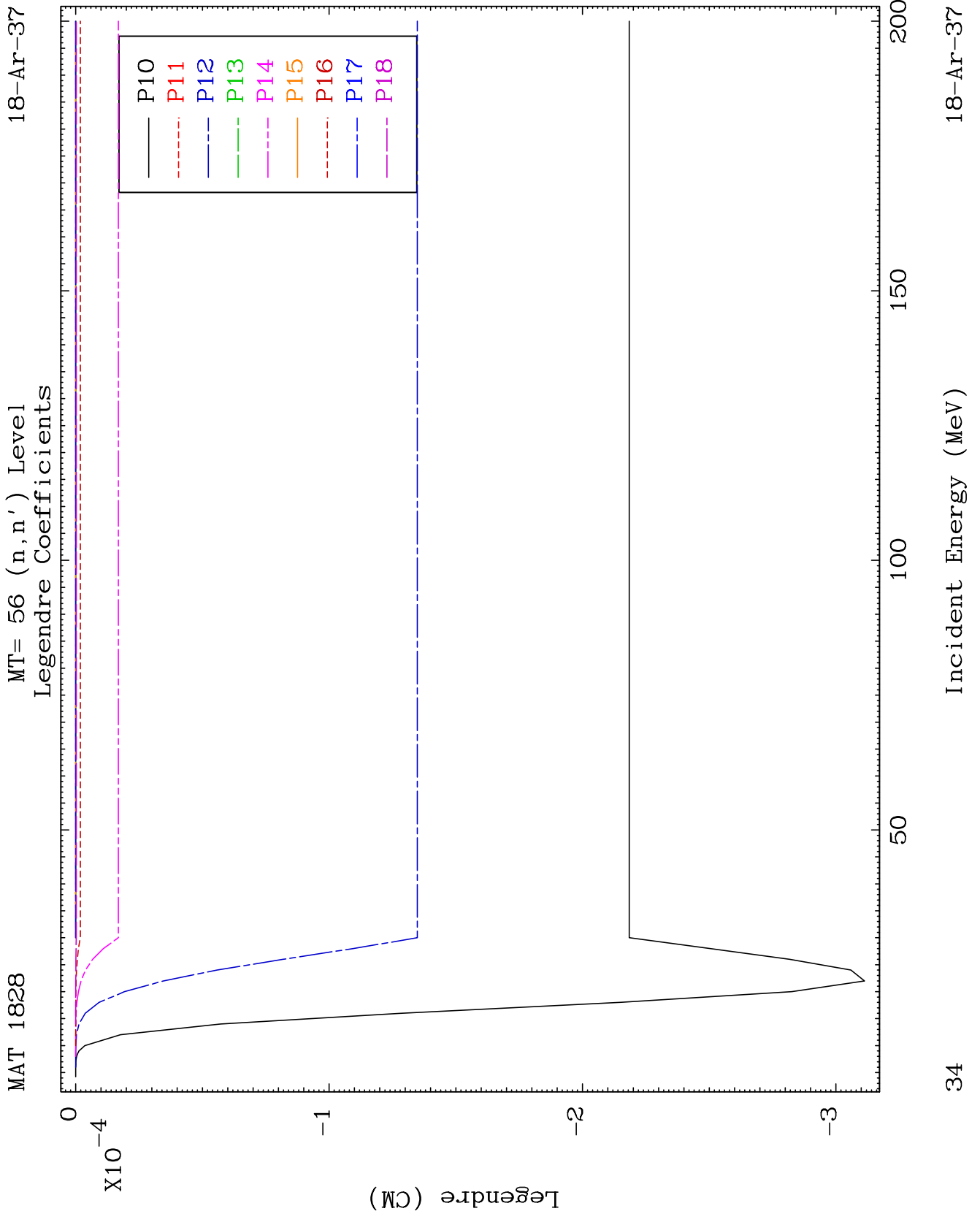
MAT 1828

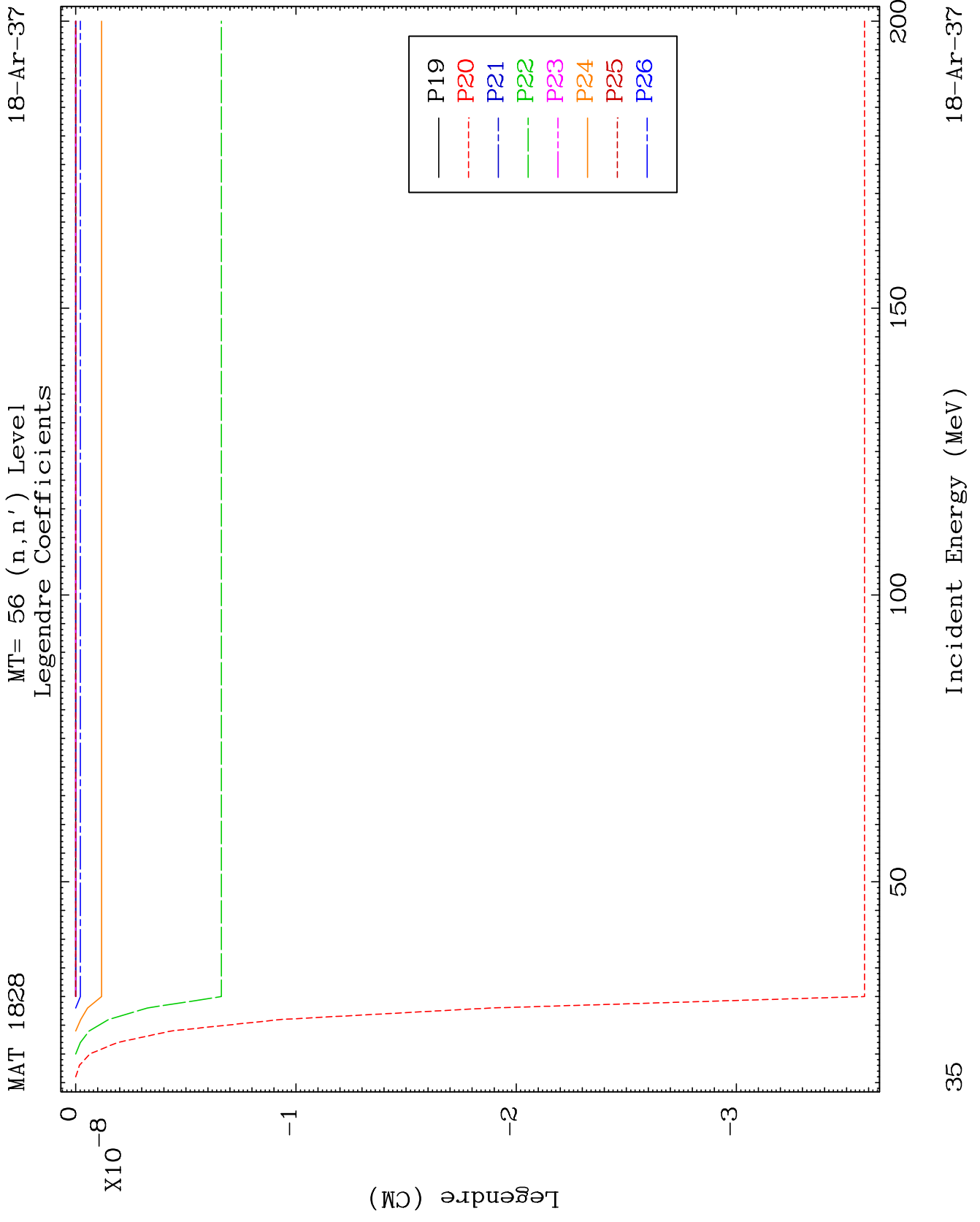
MT= 55 (n,n') Level
Legendre Coefficients

18-Ar-37





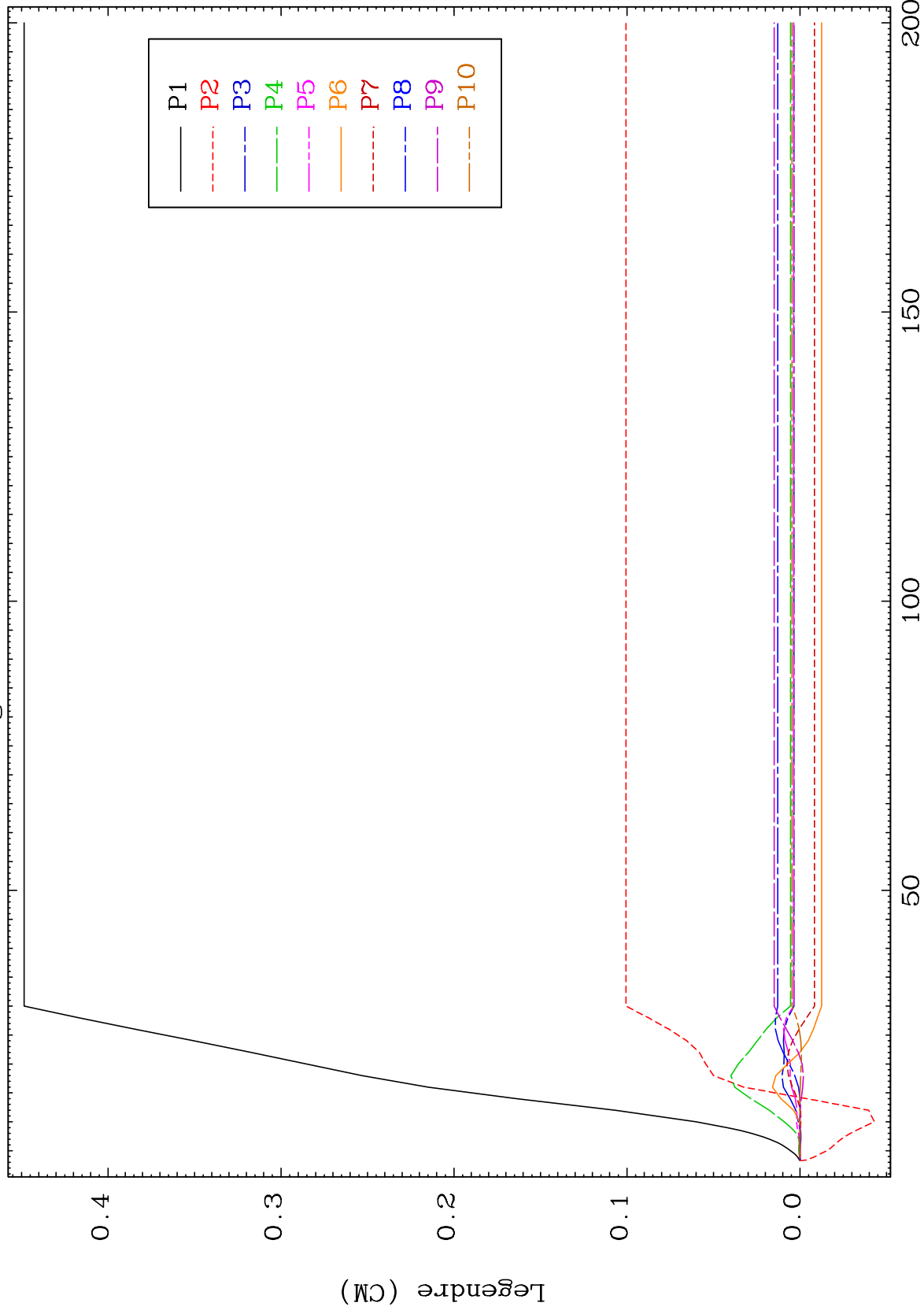




MAT 1828

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

18-Ar-37



36

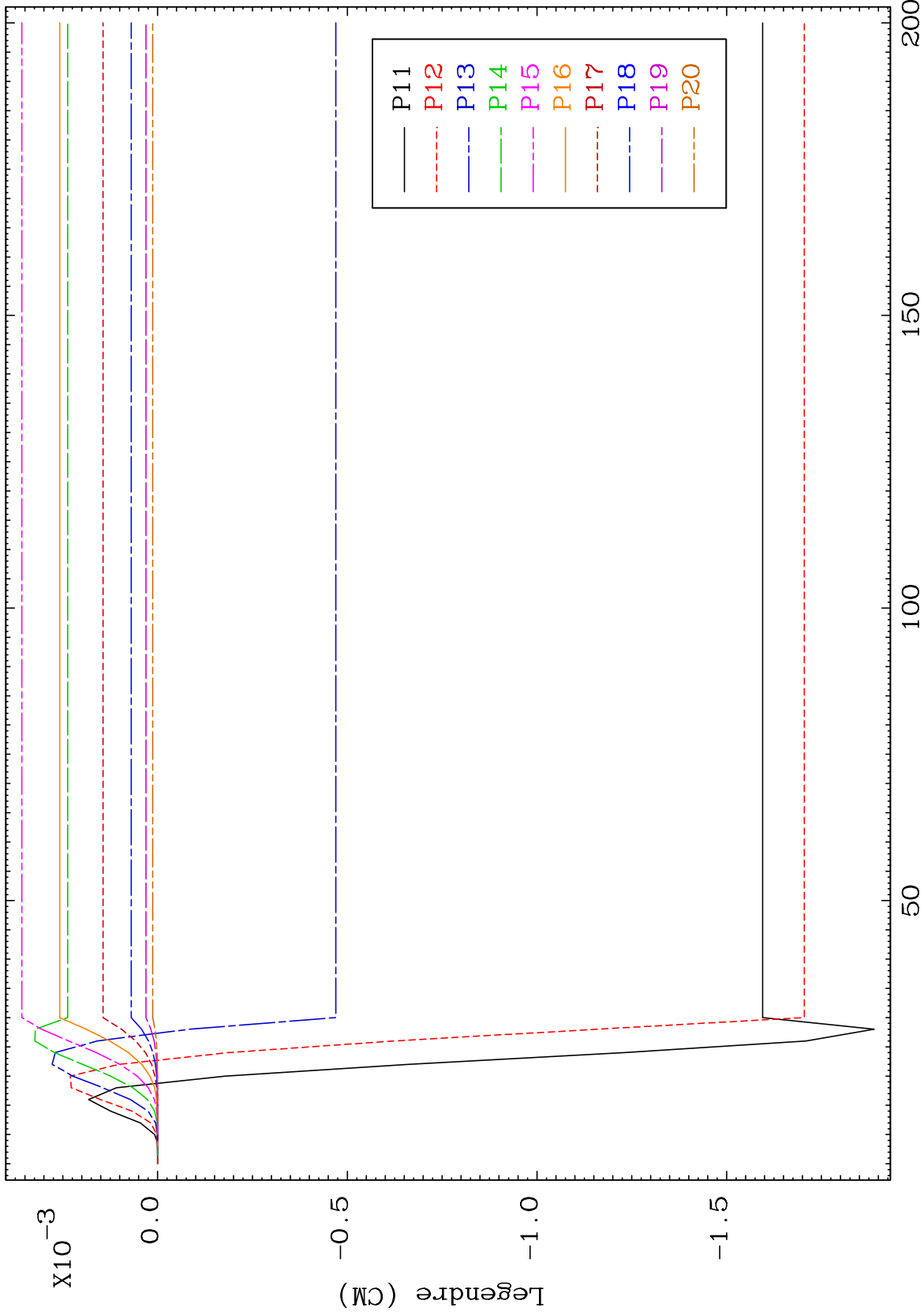
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



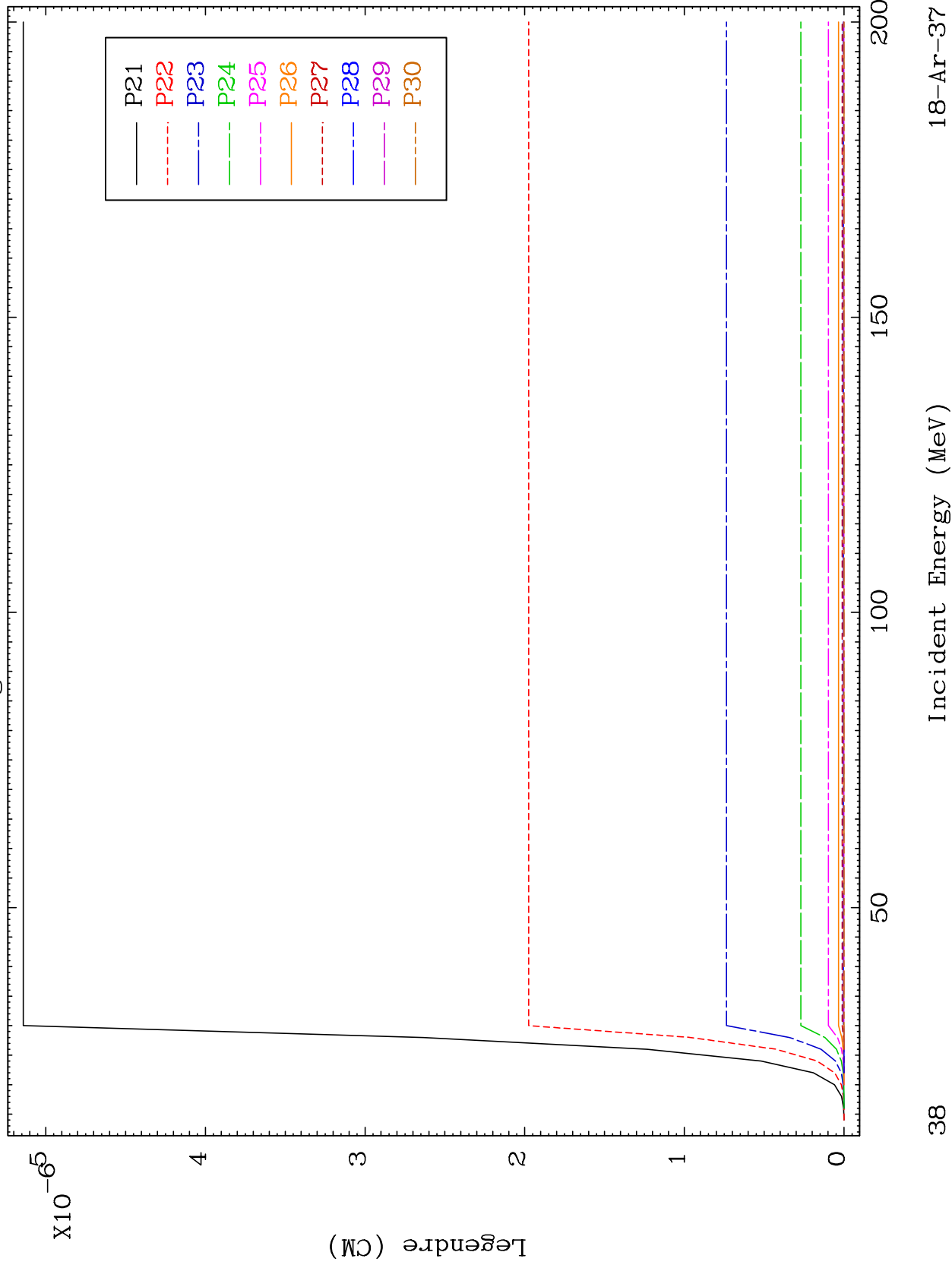
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18-Ar-37

MAT 1828

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

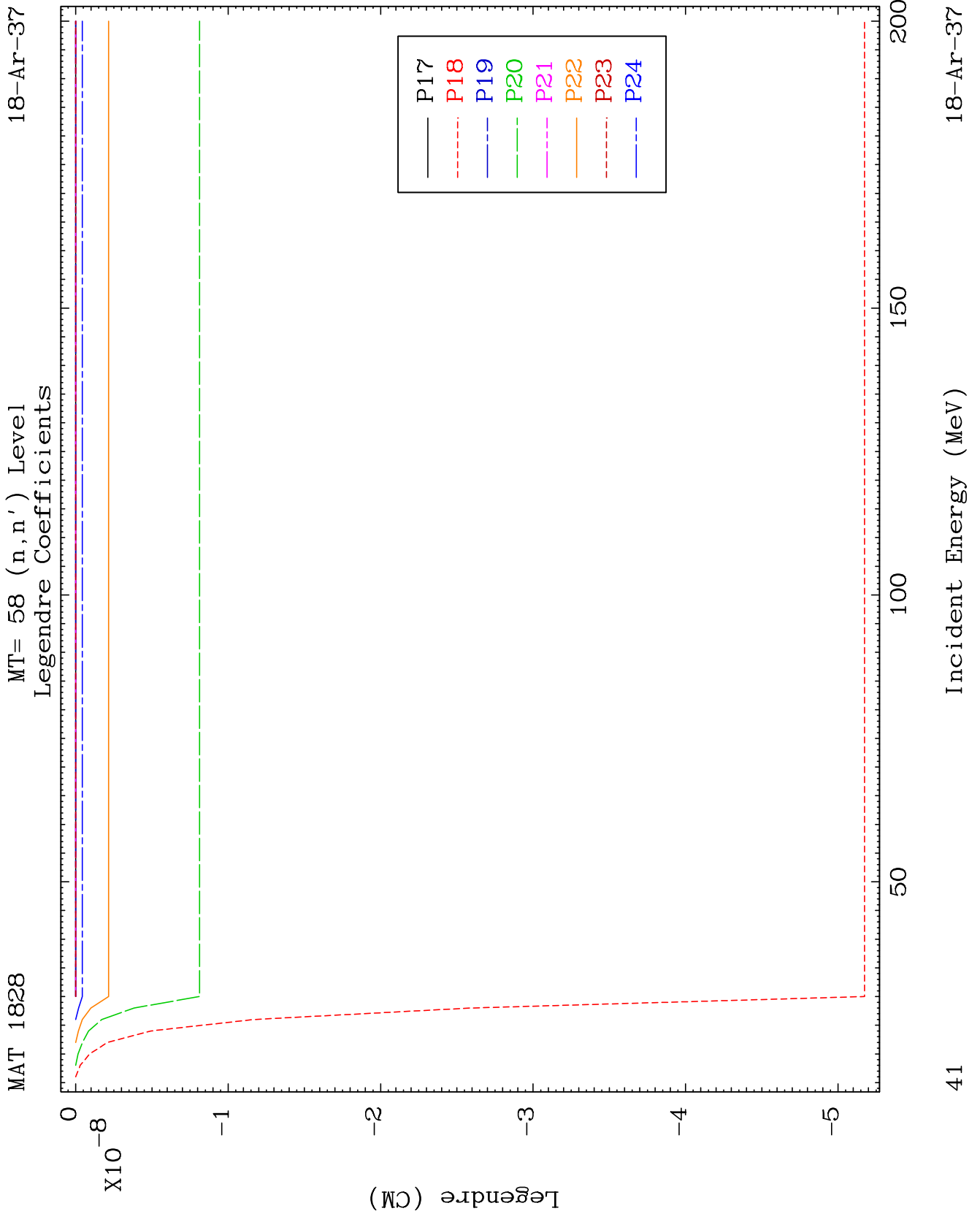
18-Ar-37



38

Incident Energy (MeV)

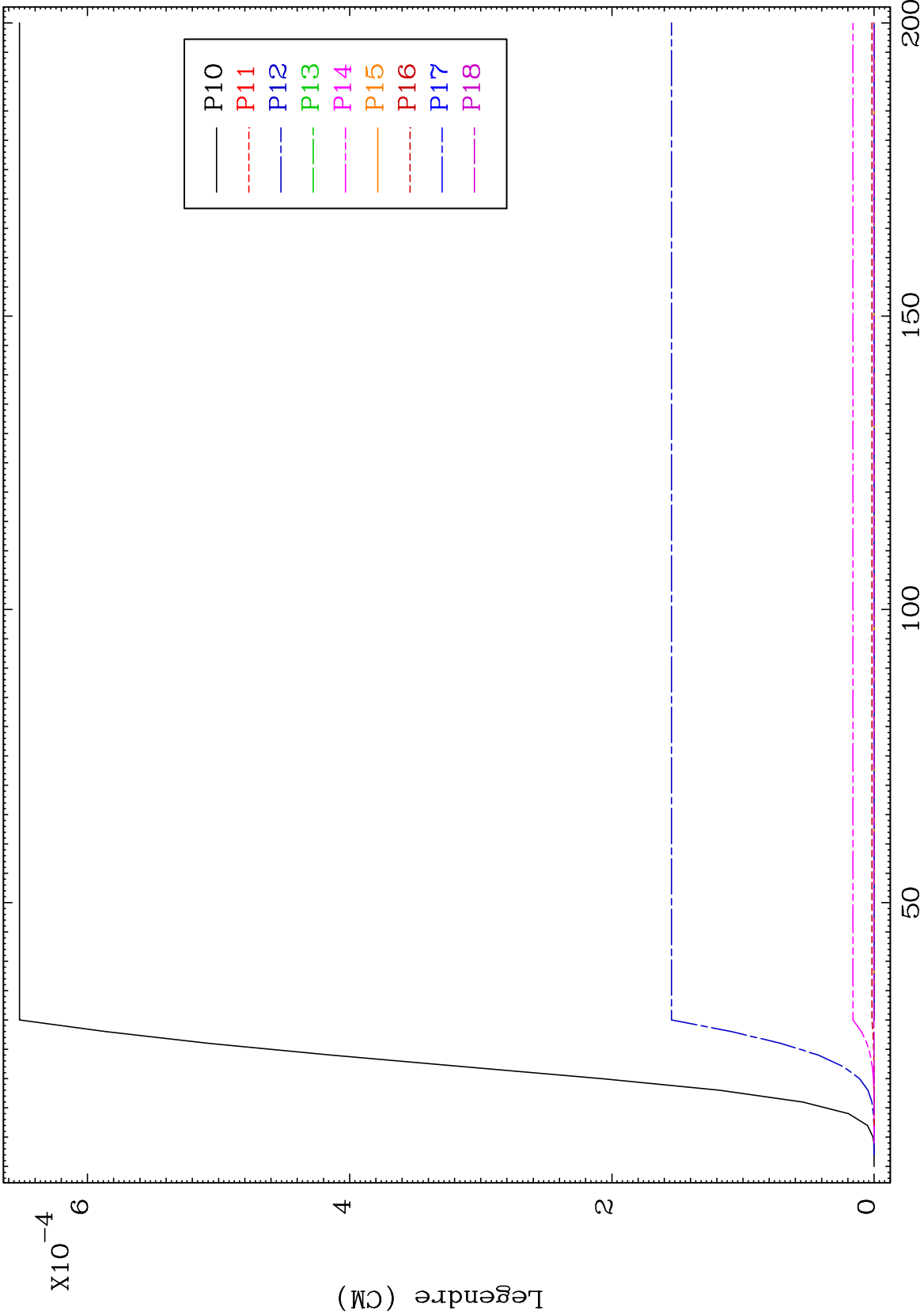
18-Ar-37



MAT 1828

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

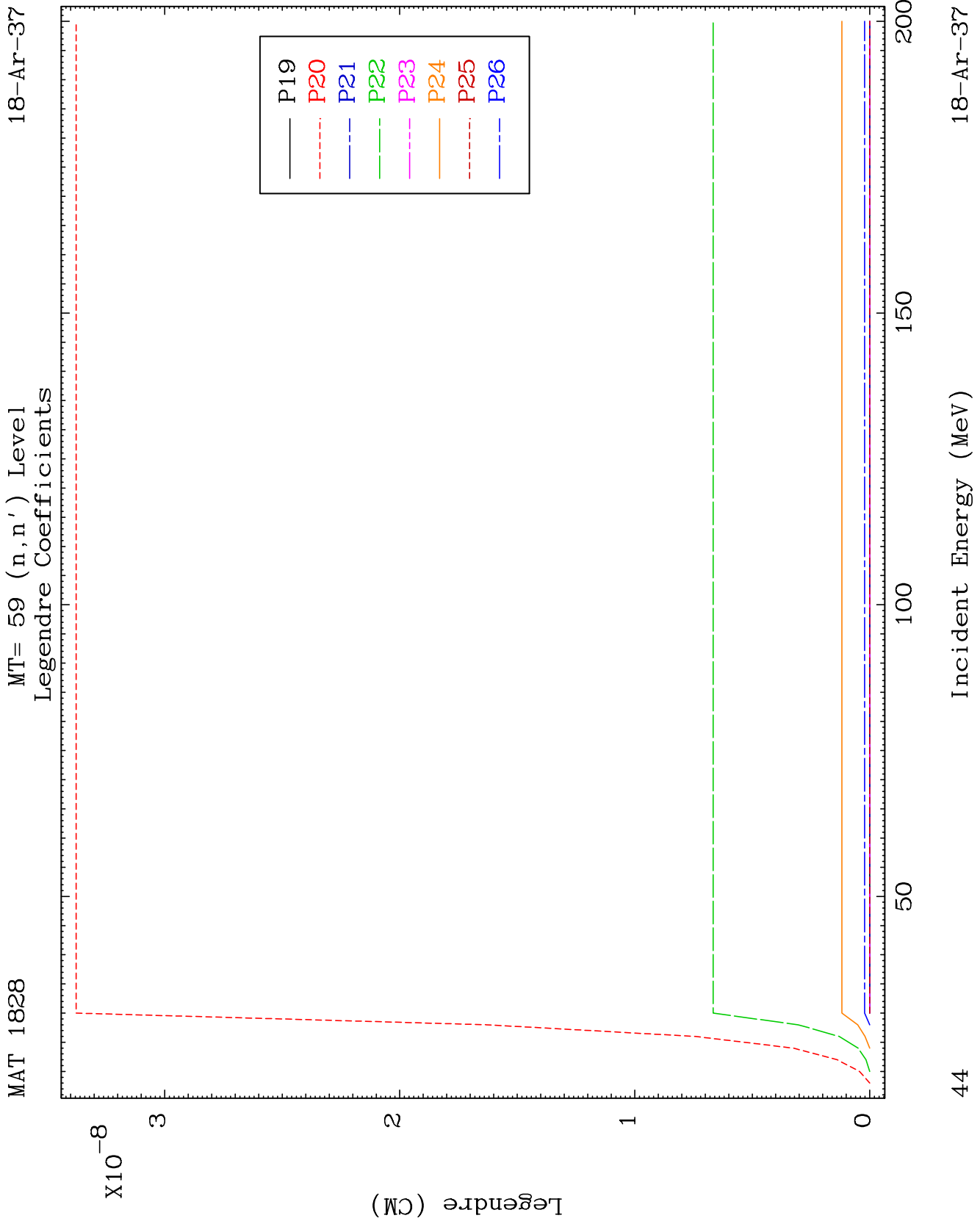
18-Ar-37



43

Incident Energy (MeV)

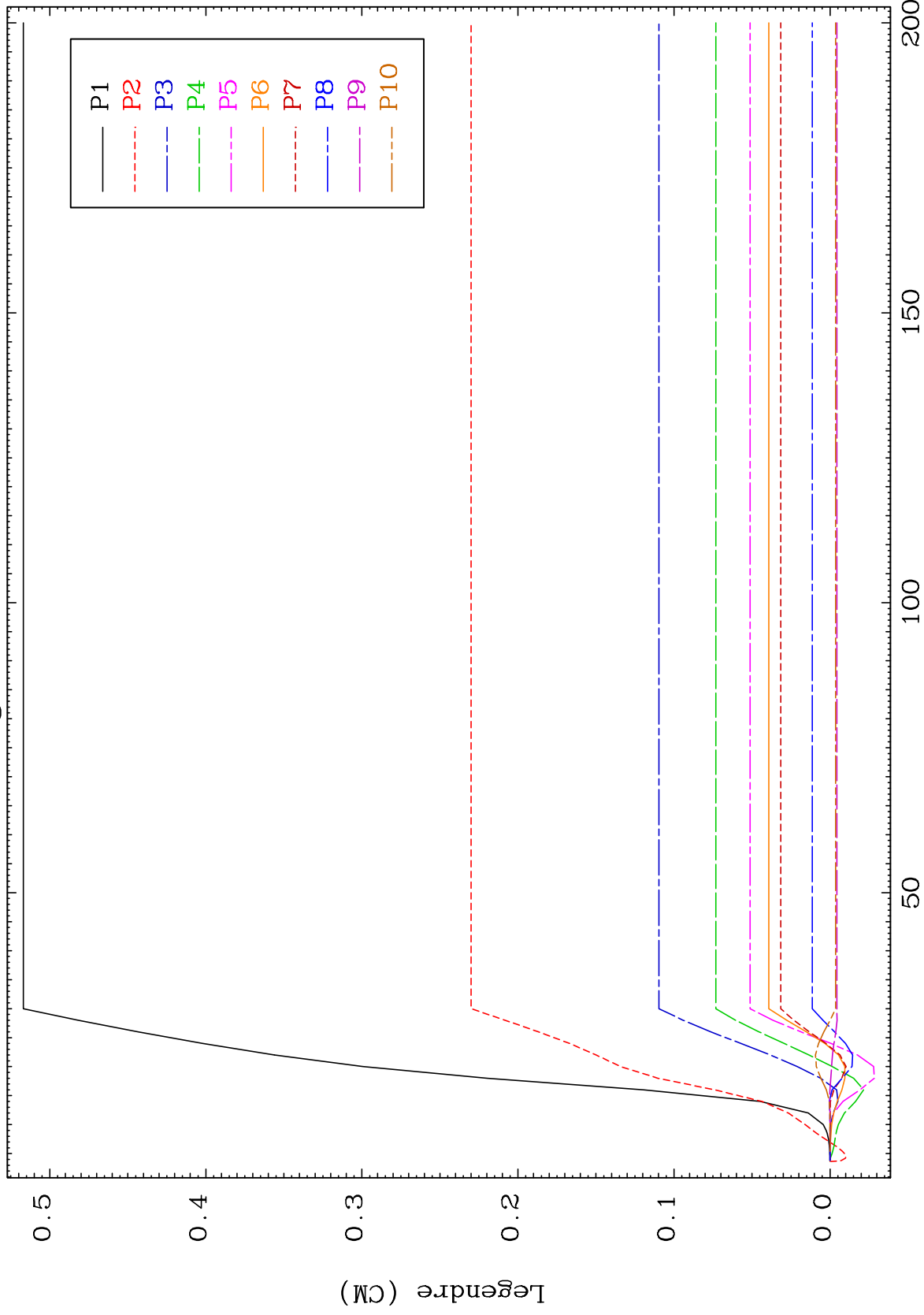
18-Ar-37



MAT 1828

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

18-Ar-37



45

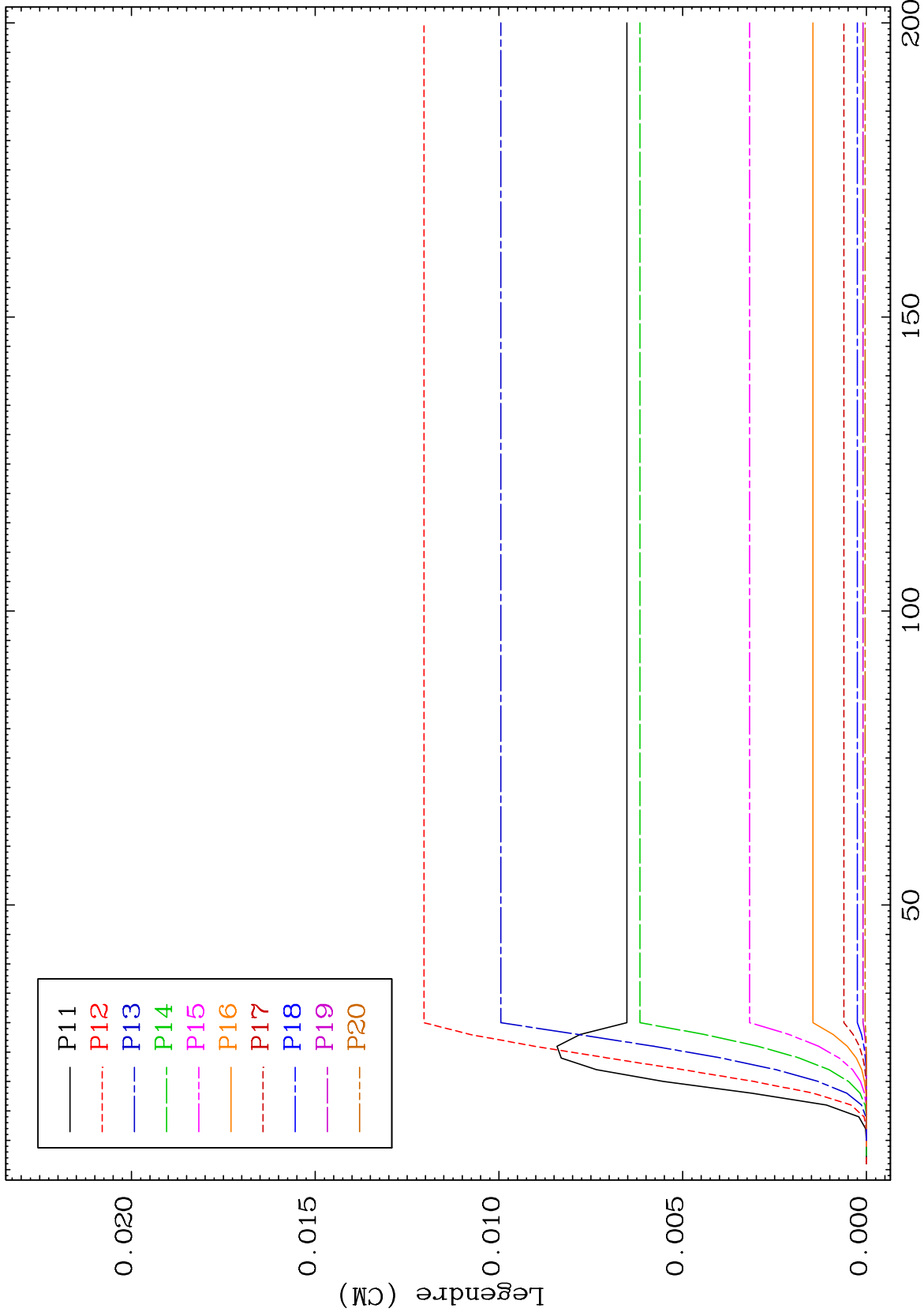
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



46

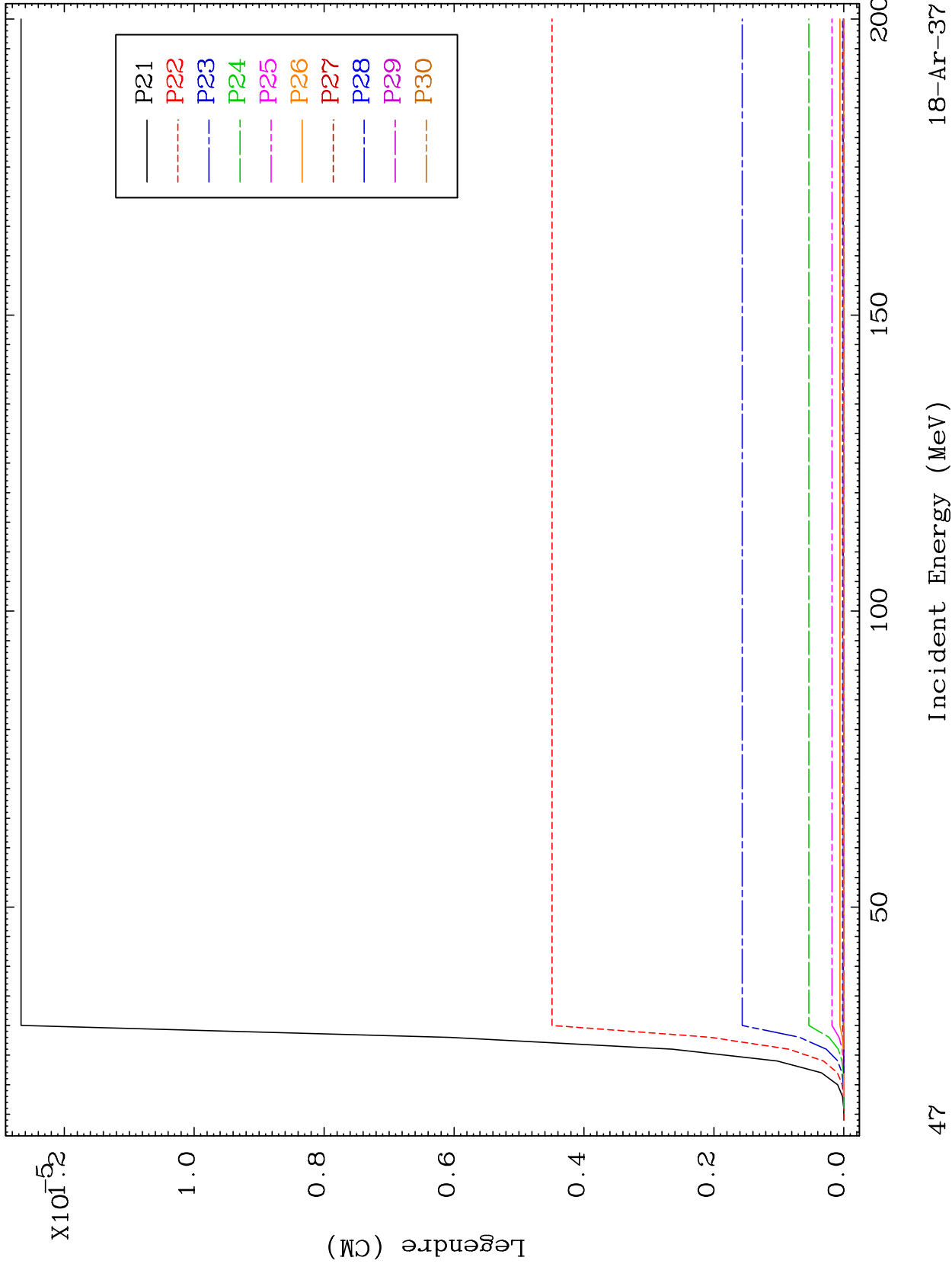
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

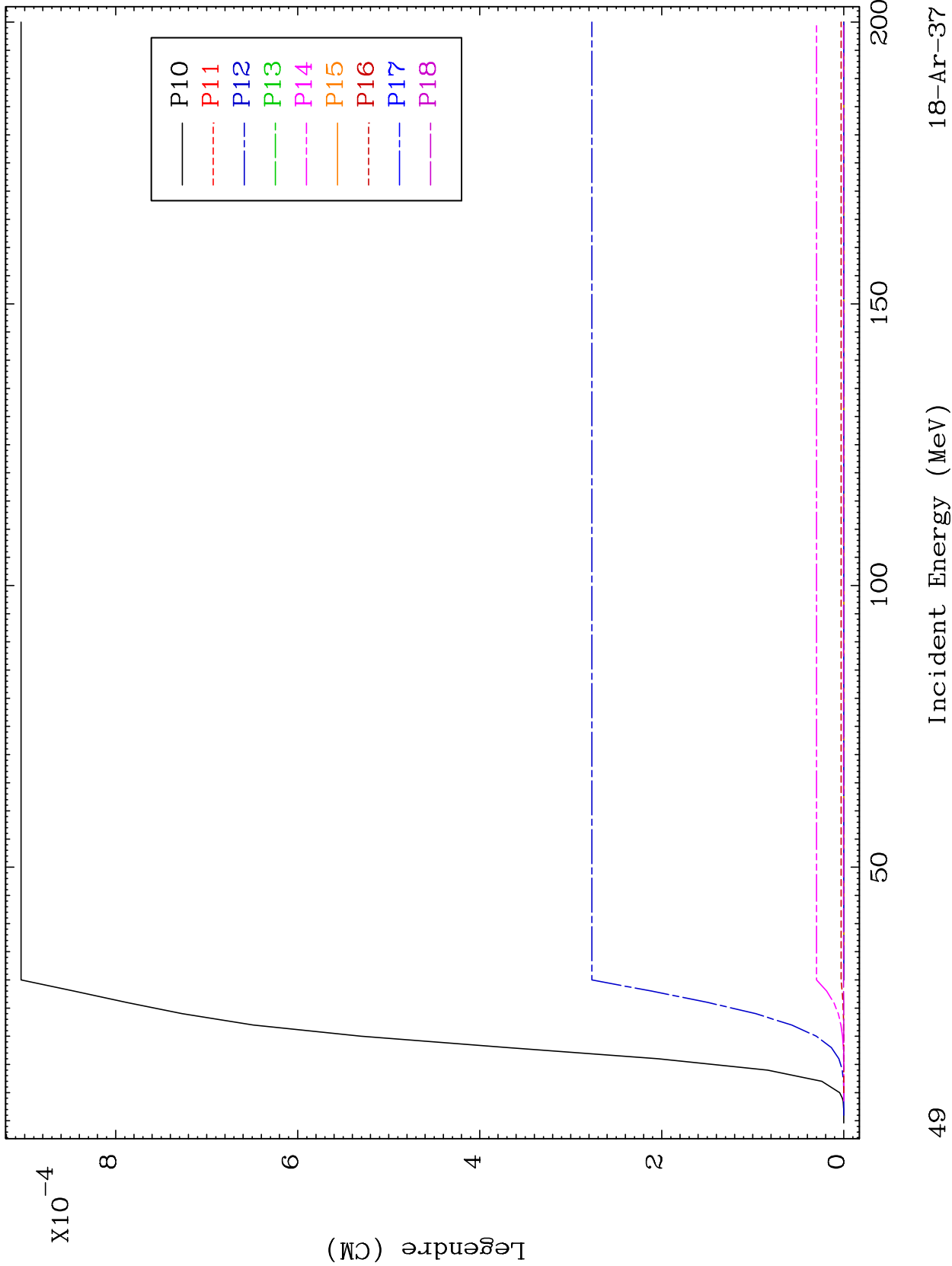
18-Ar-37



MAT 1828

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

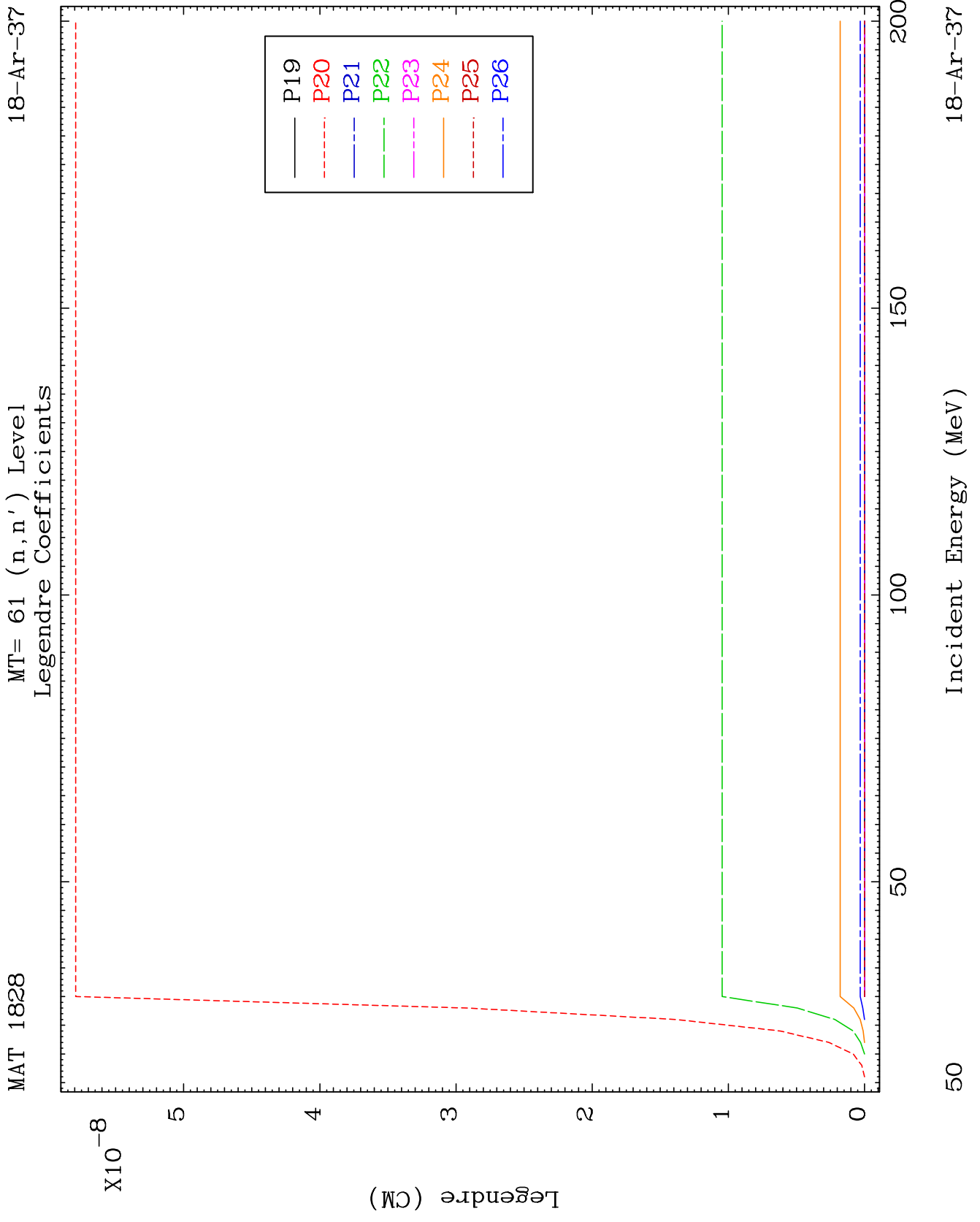
18-Ar-37

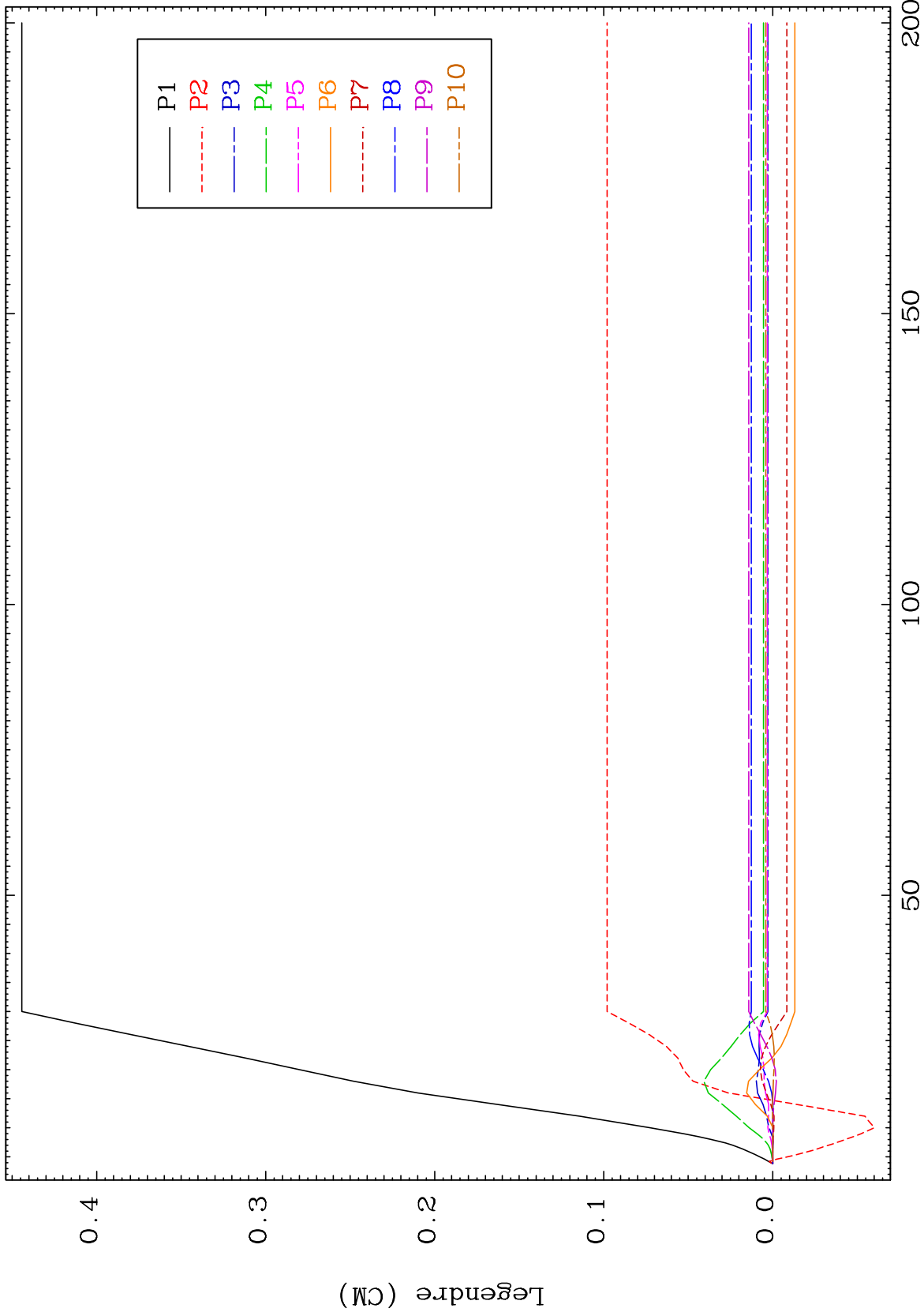


49

Incident Energy (MeV)

18-Ar-37

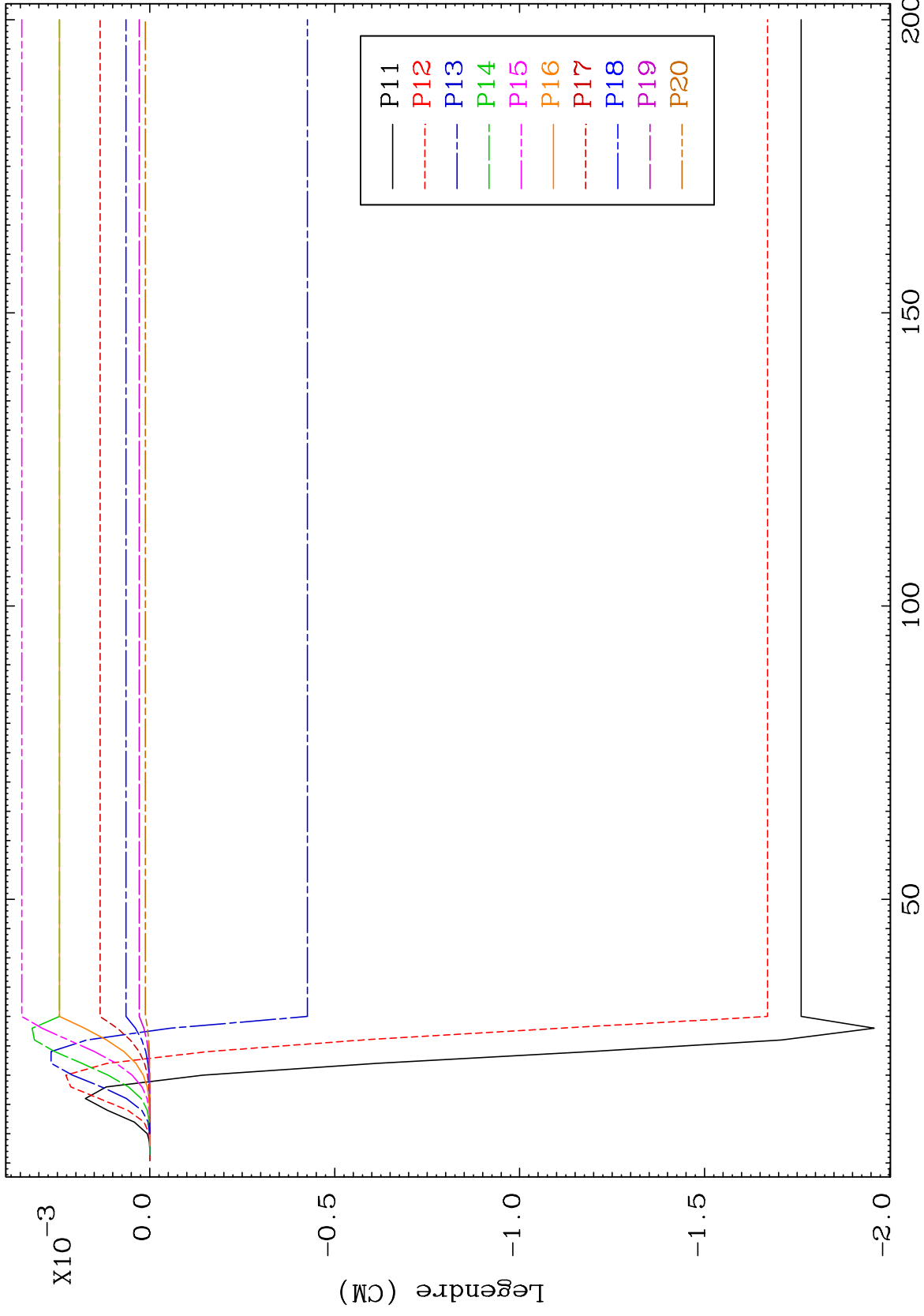




MAT 1828

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

18-Ar-37



52

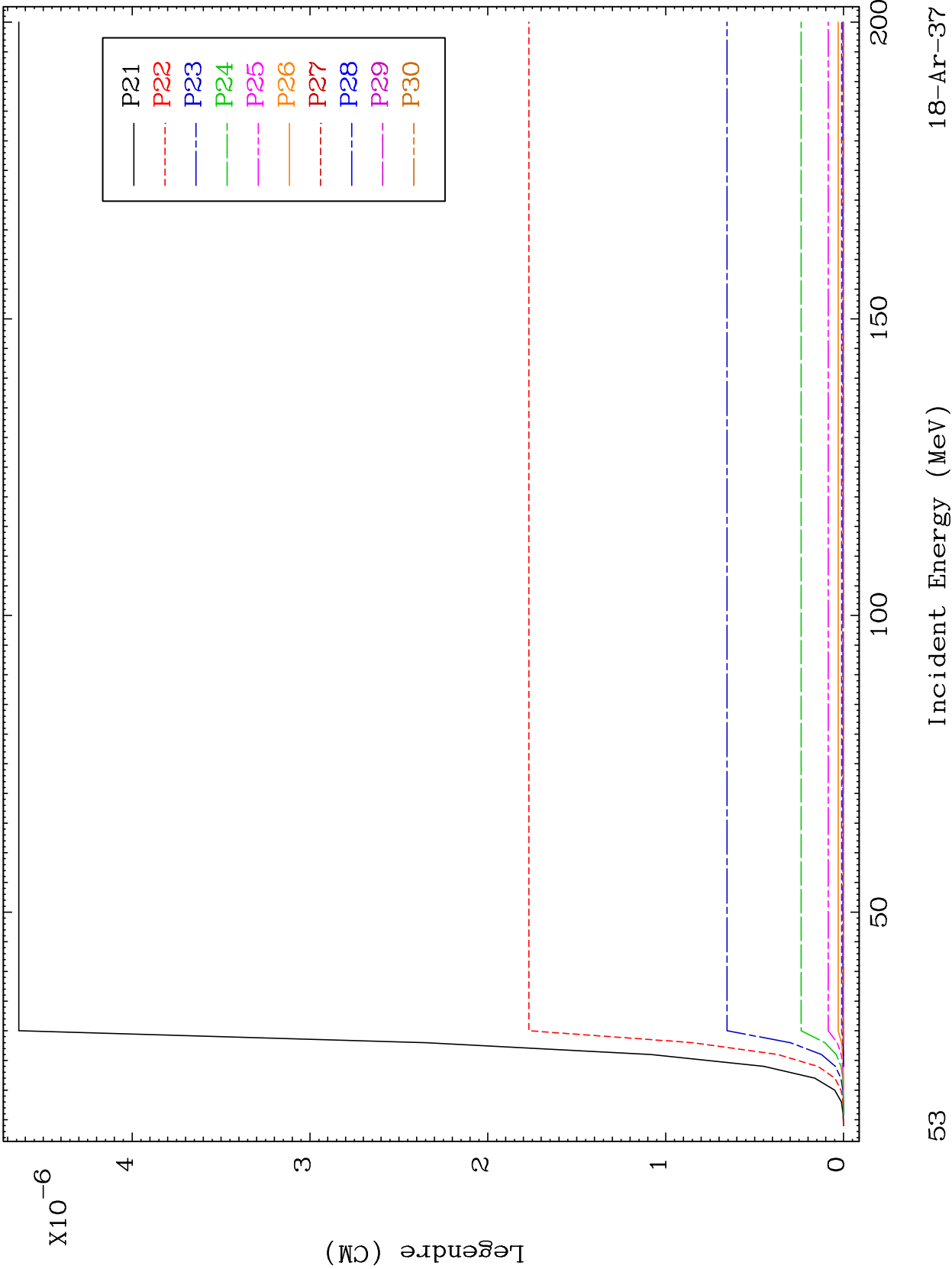
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



53

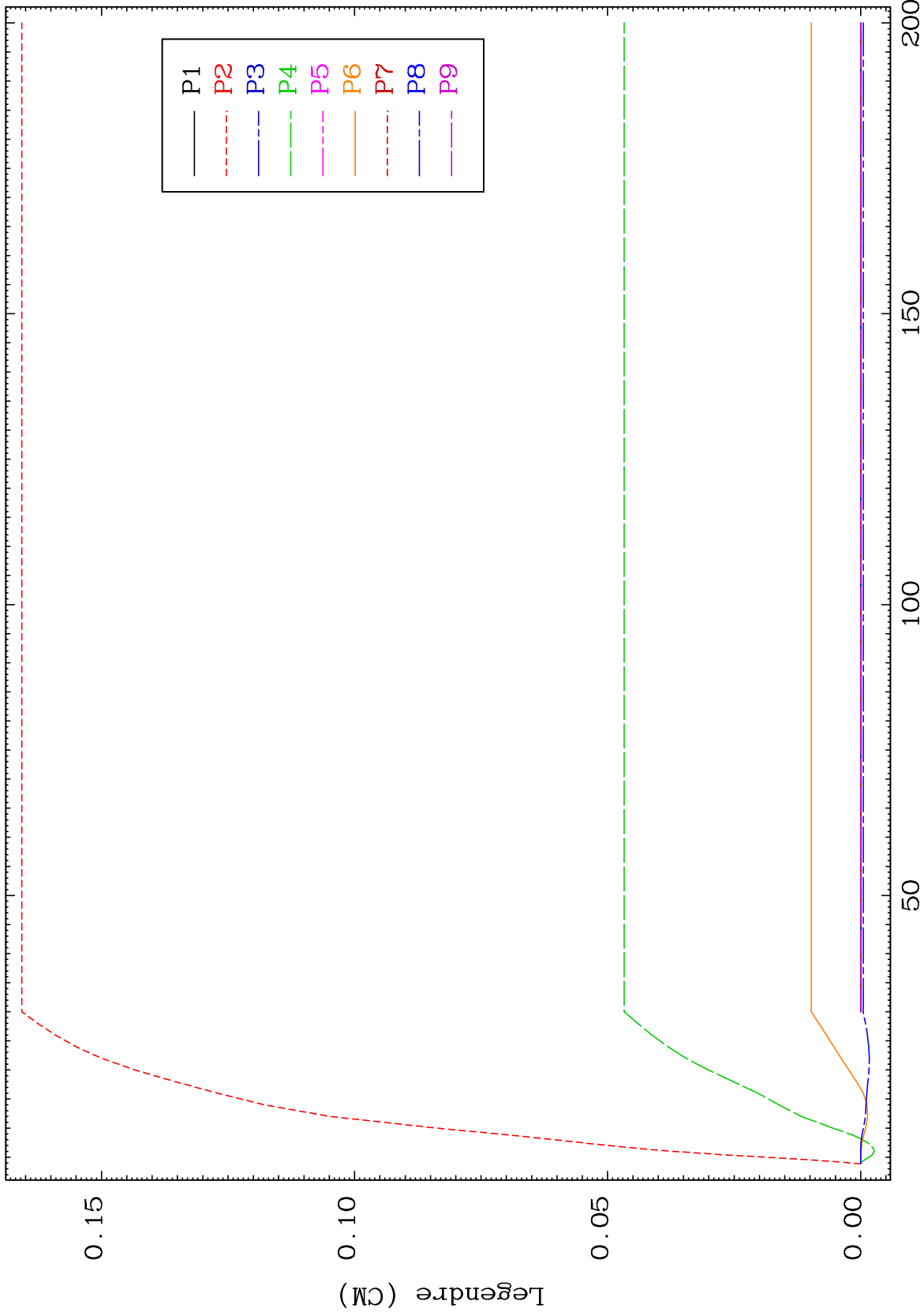
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



54

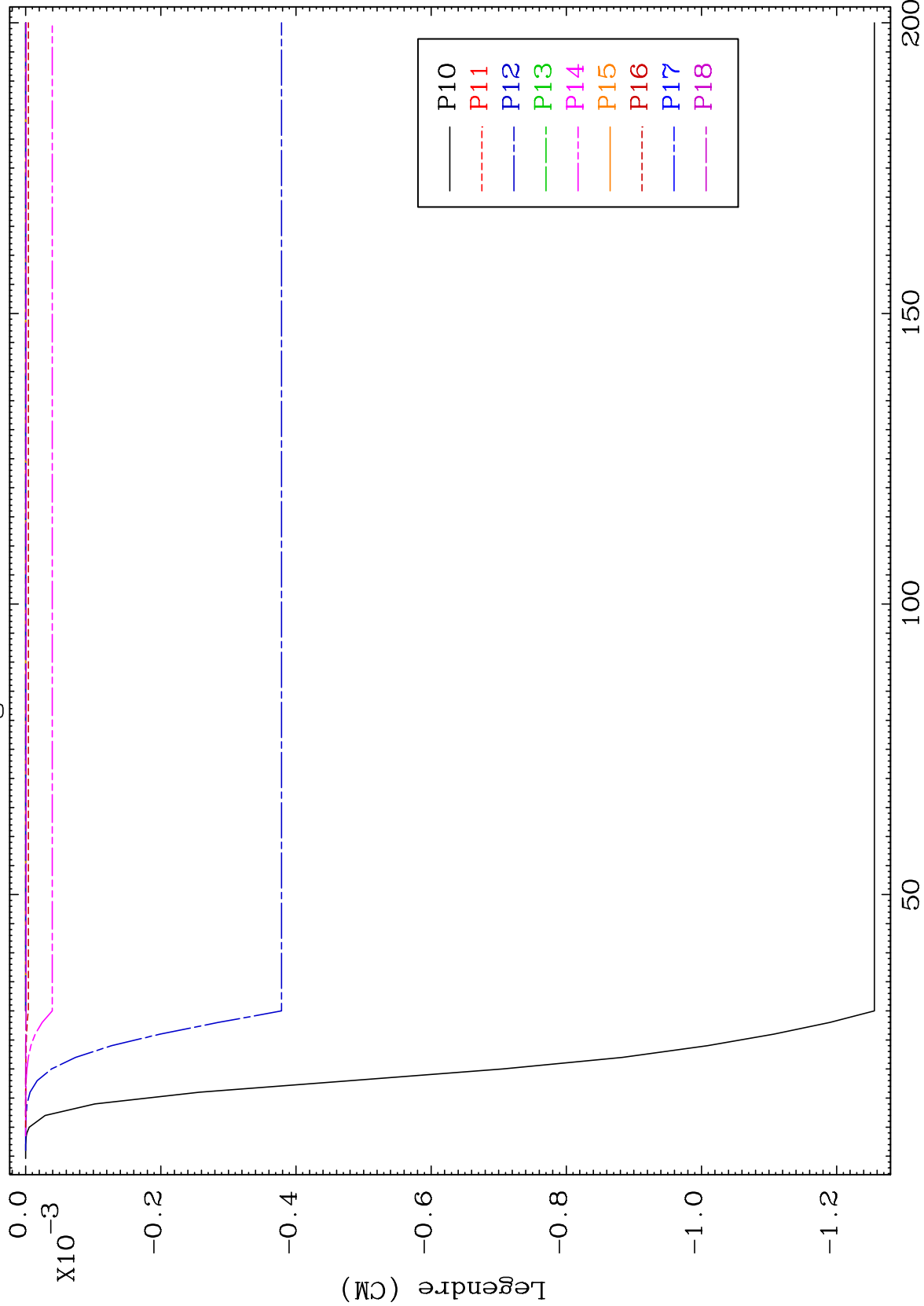
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

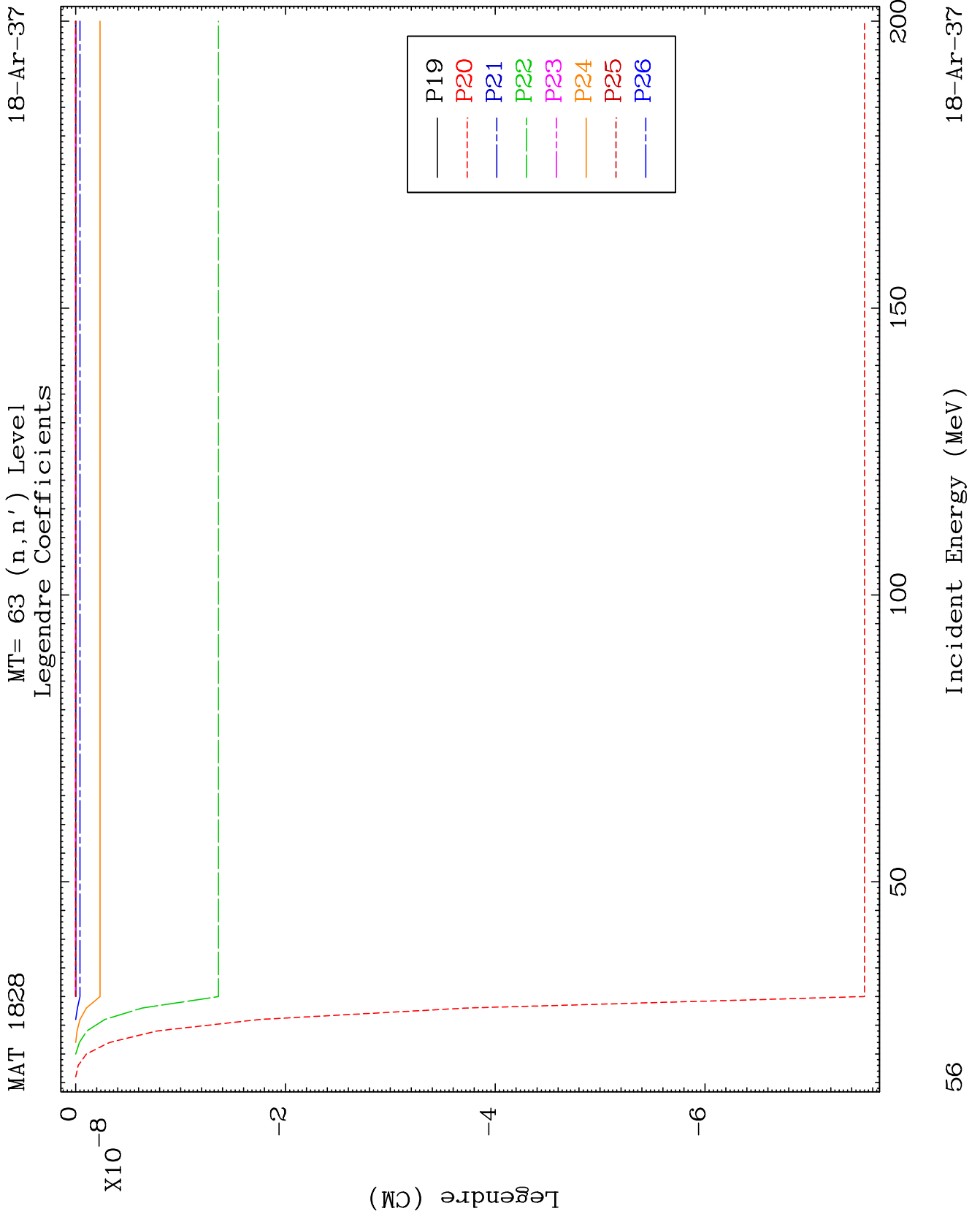
18-Ar-37



55

Incident Energy (MeV)

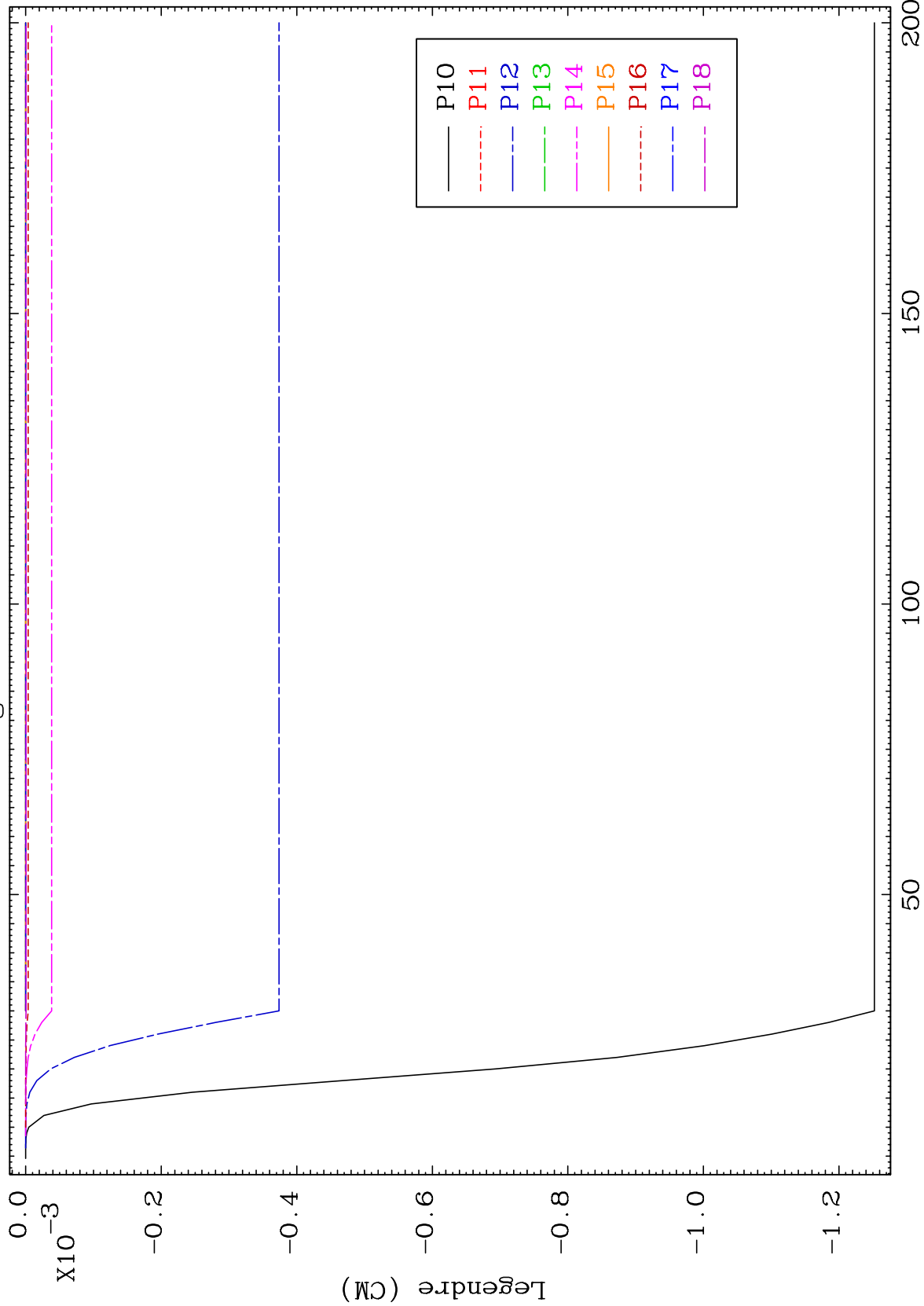
18-Ar-37



MAT 1828

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

18-Ar-37



58

Incident Energy (MeV)

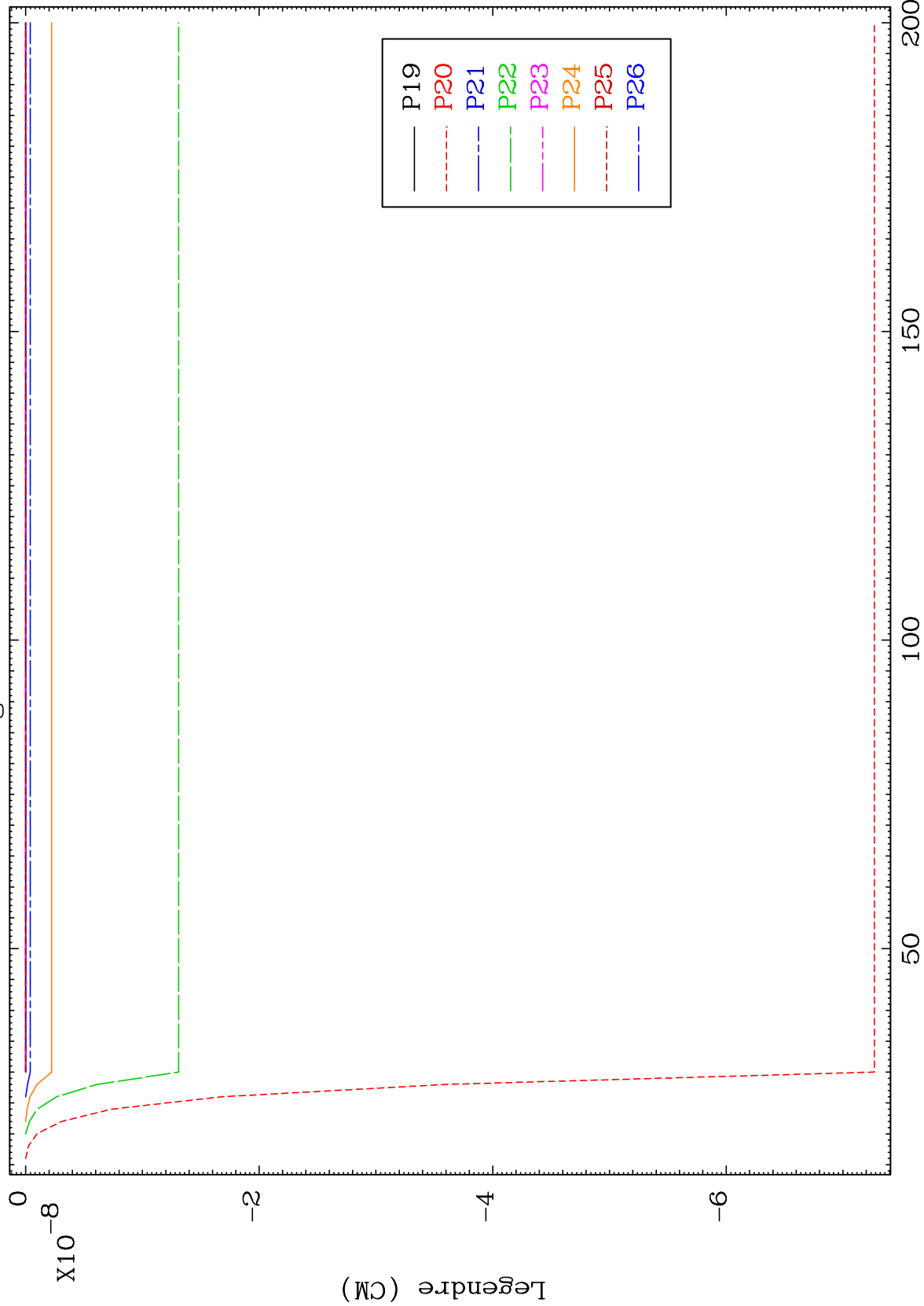
18-Ar-37

MAT 1828

MT= 64 (n,n') Level

18-Ar-37

Legendre Coefficients



59

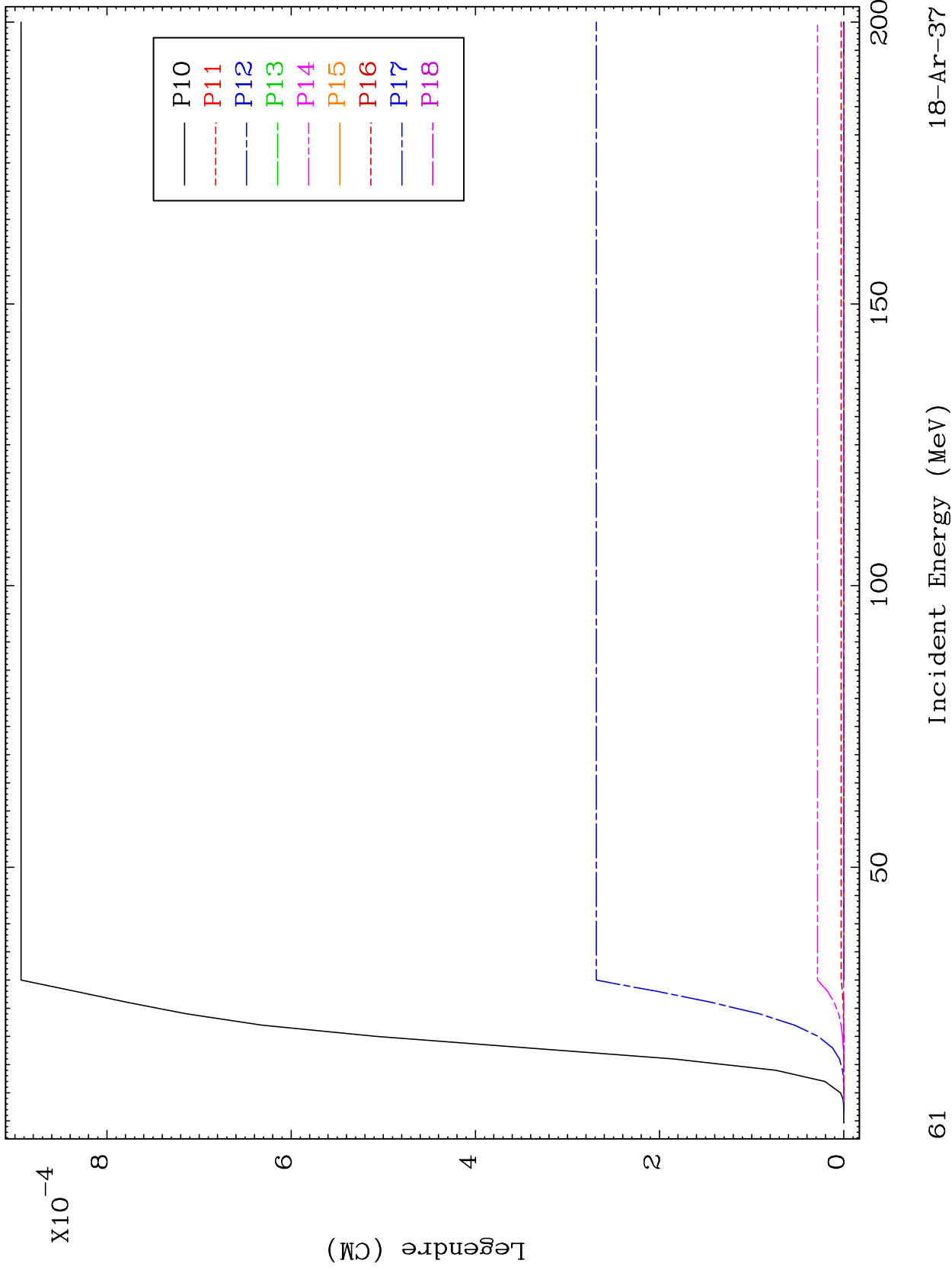
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

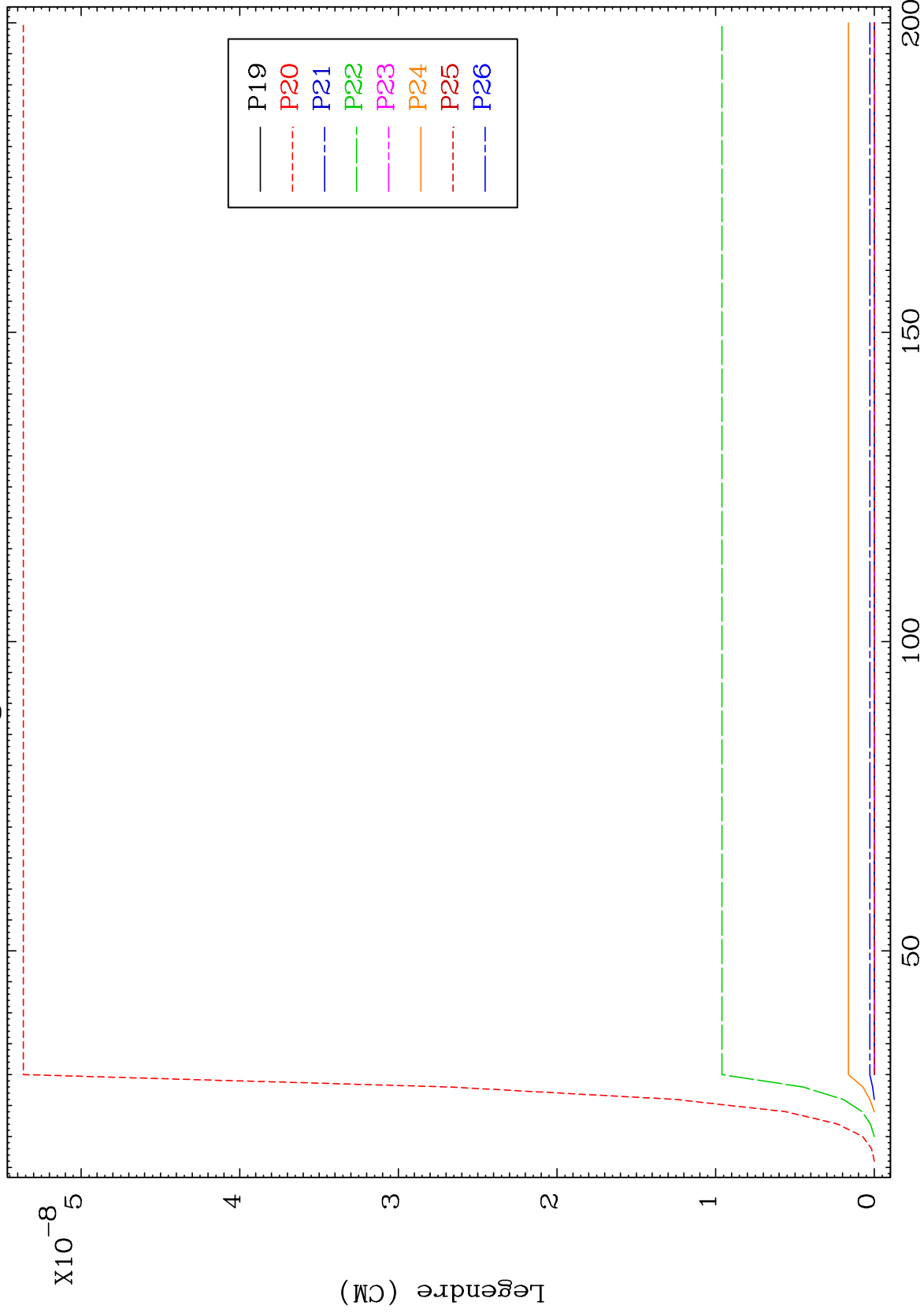
18-Ar-37



MAT 1828

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

18-Ar-37



62

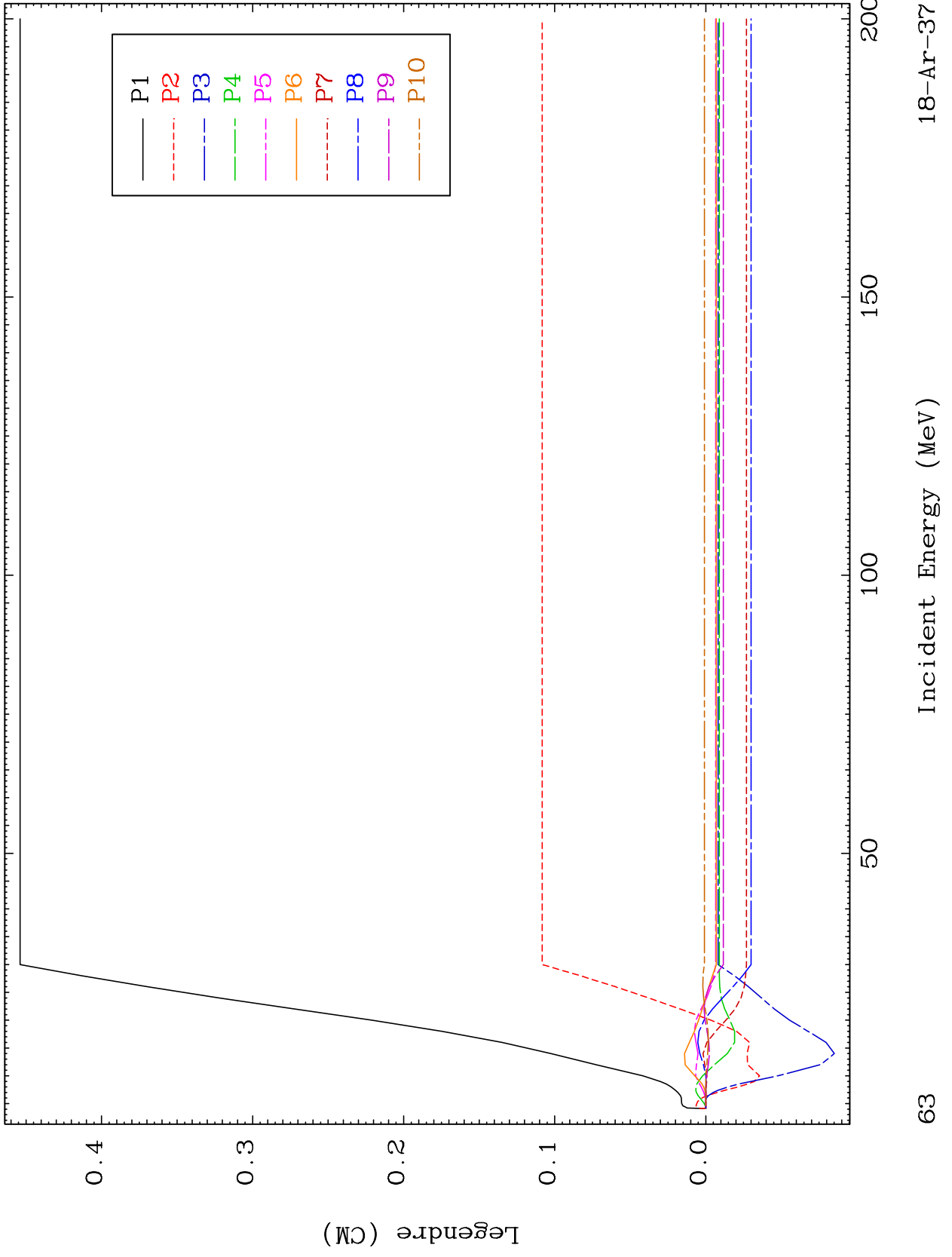
Incident Energy (MeV)

18-Ar-37

MAT 1828

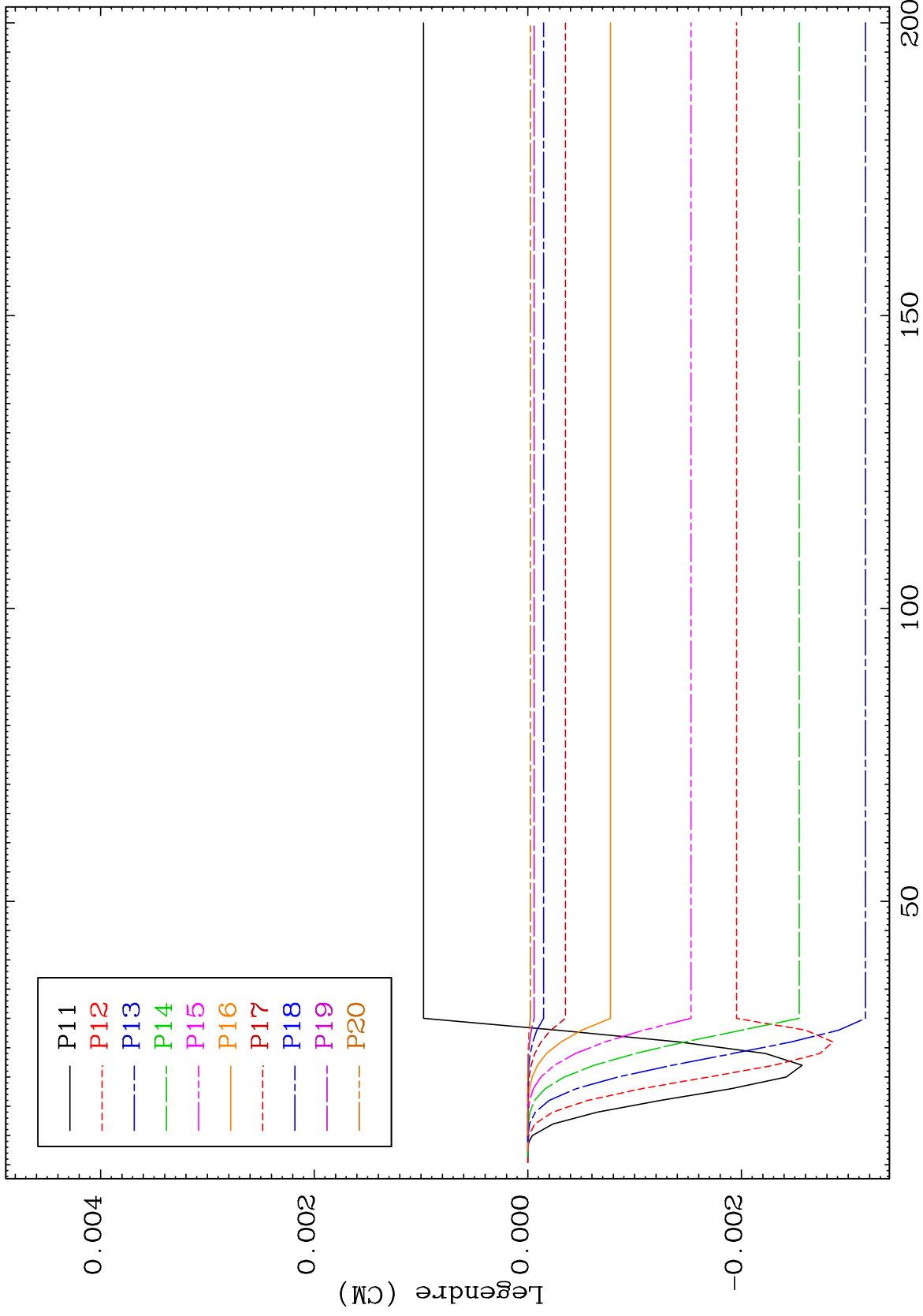
MT= 66 (n,n') Level
Legendre Coefficients

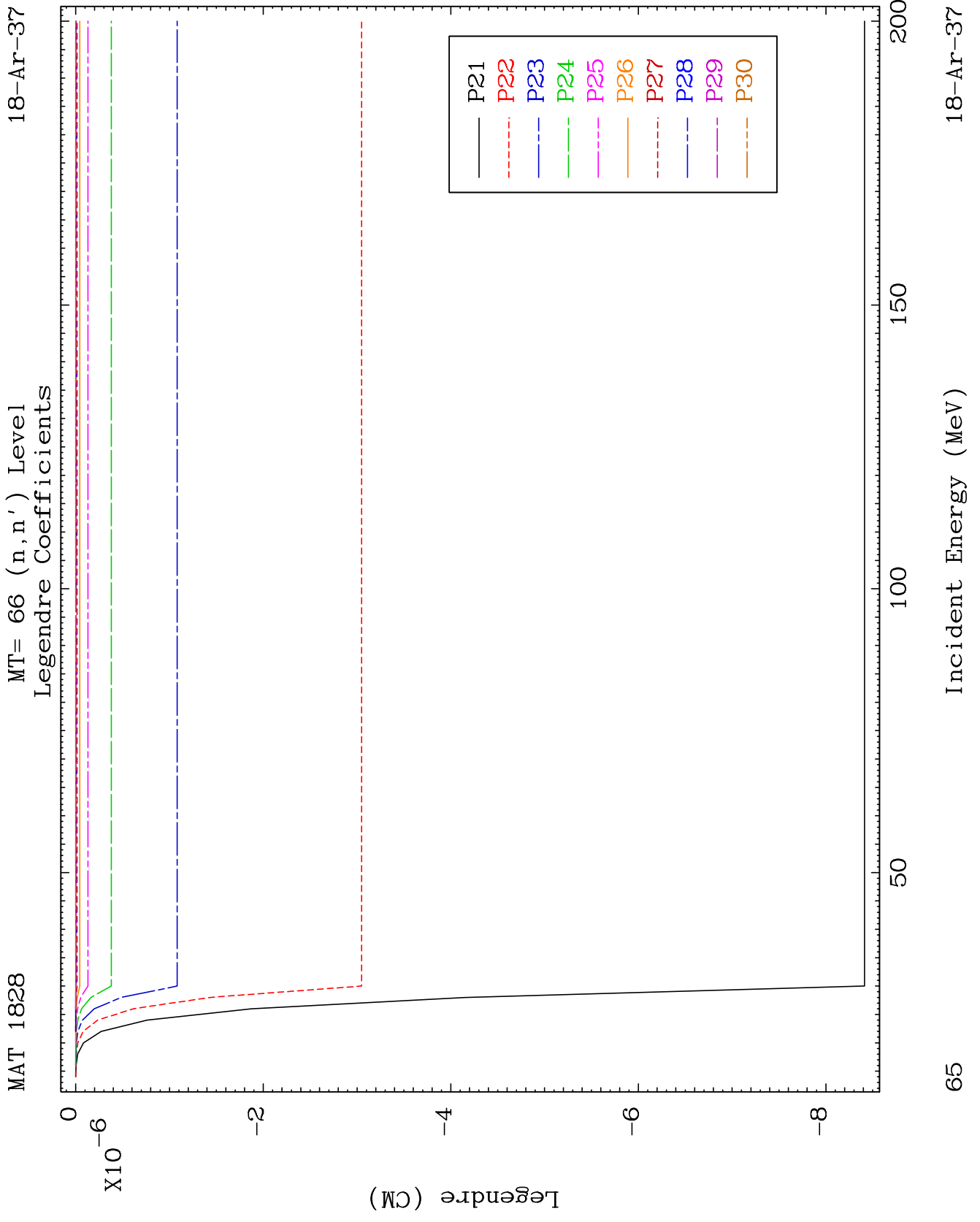
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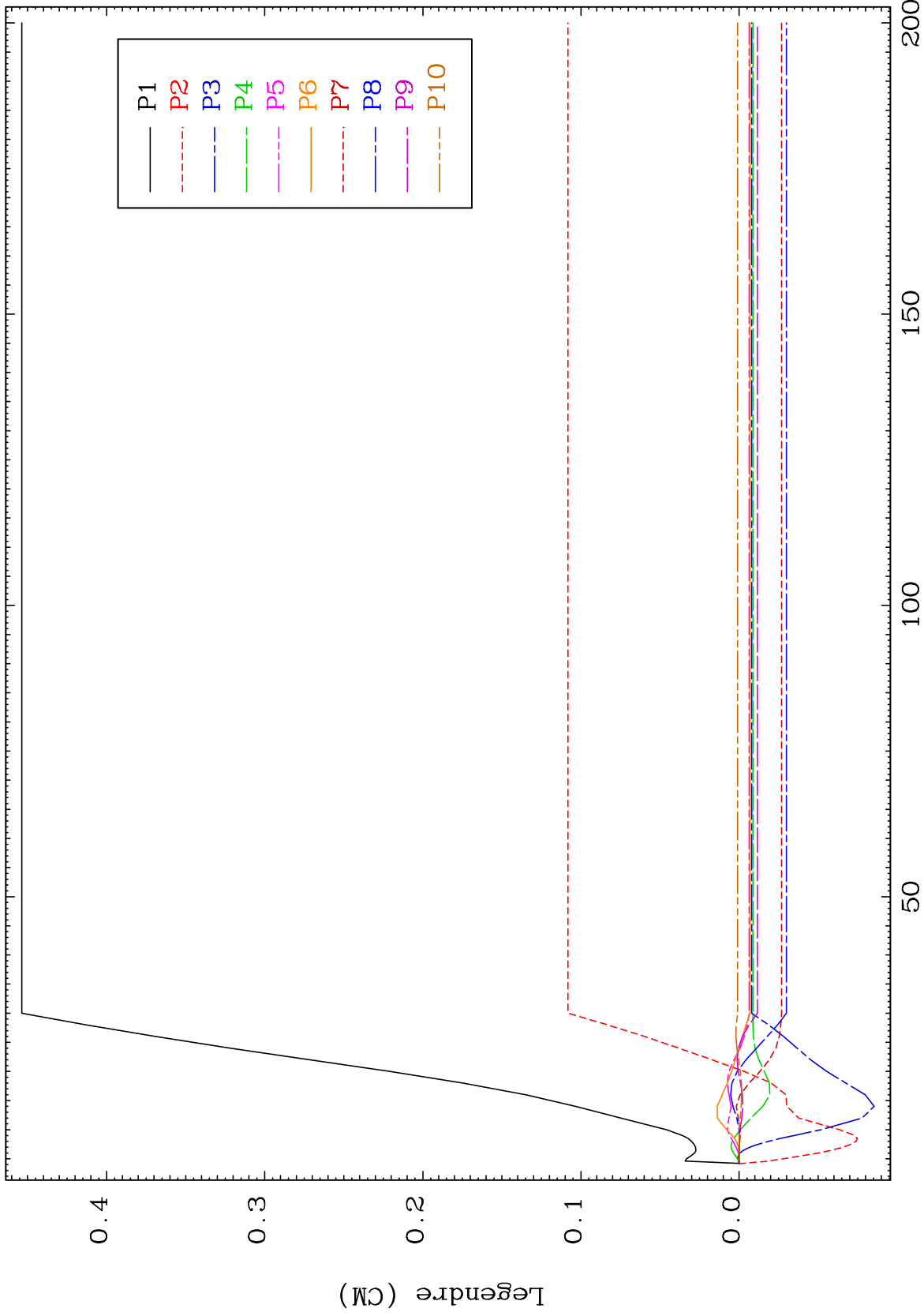


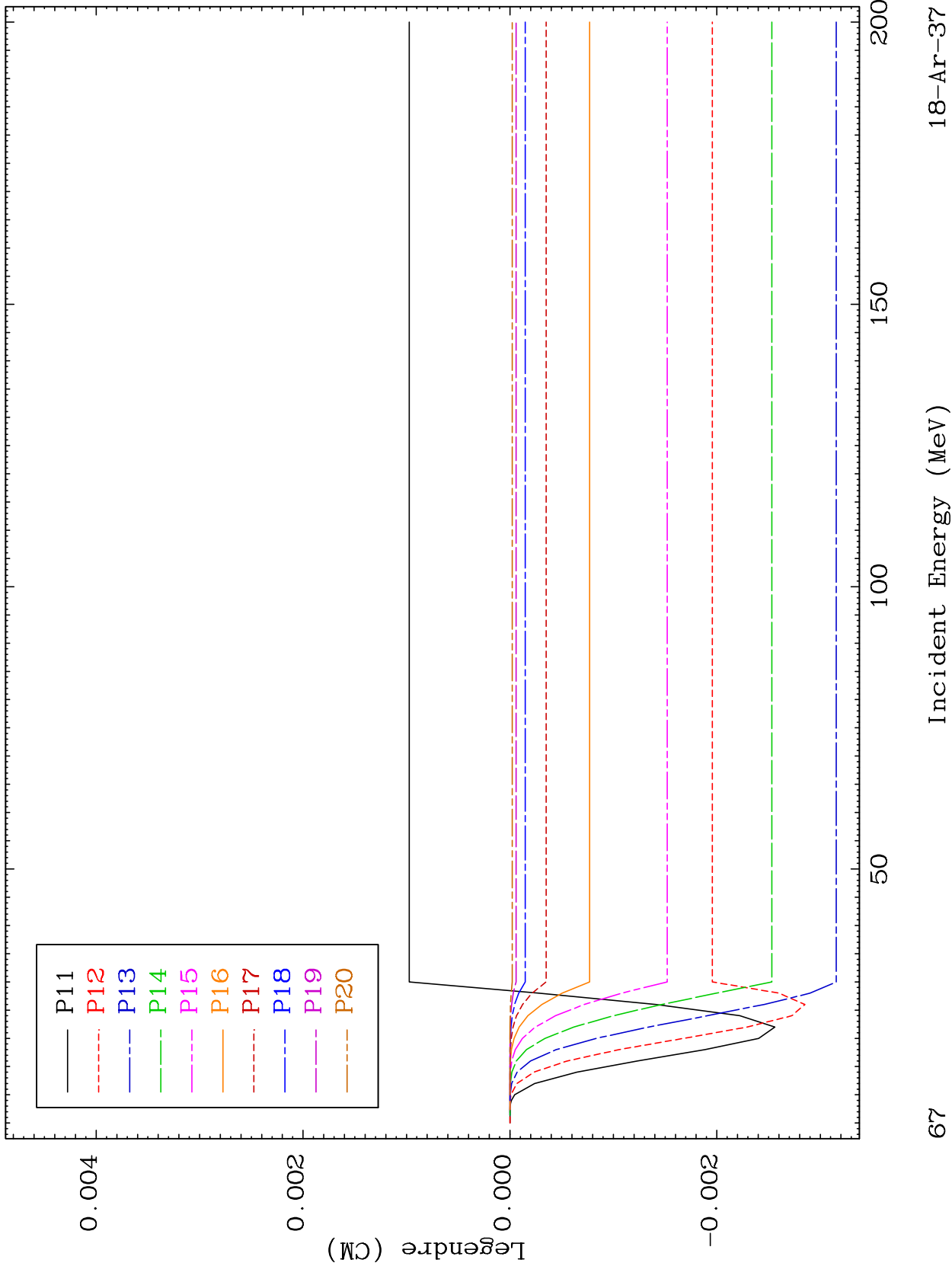
63

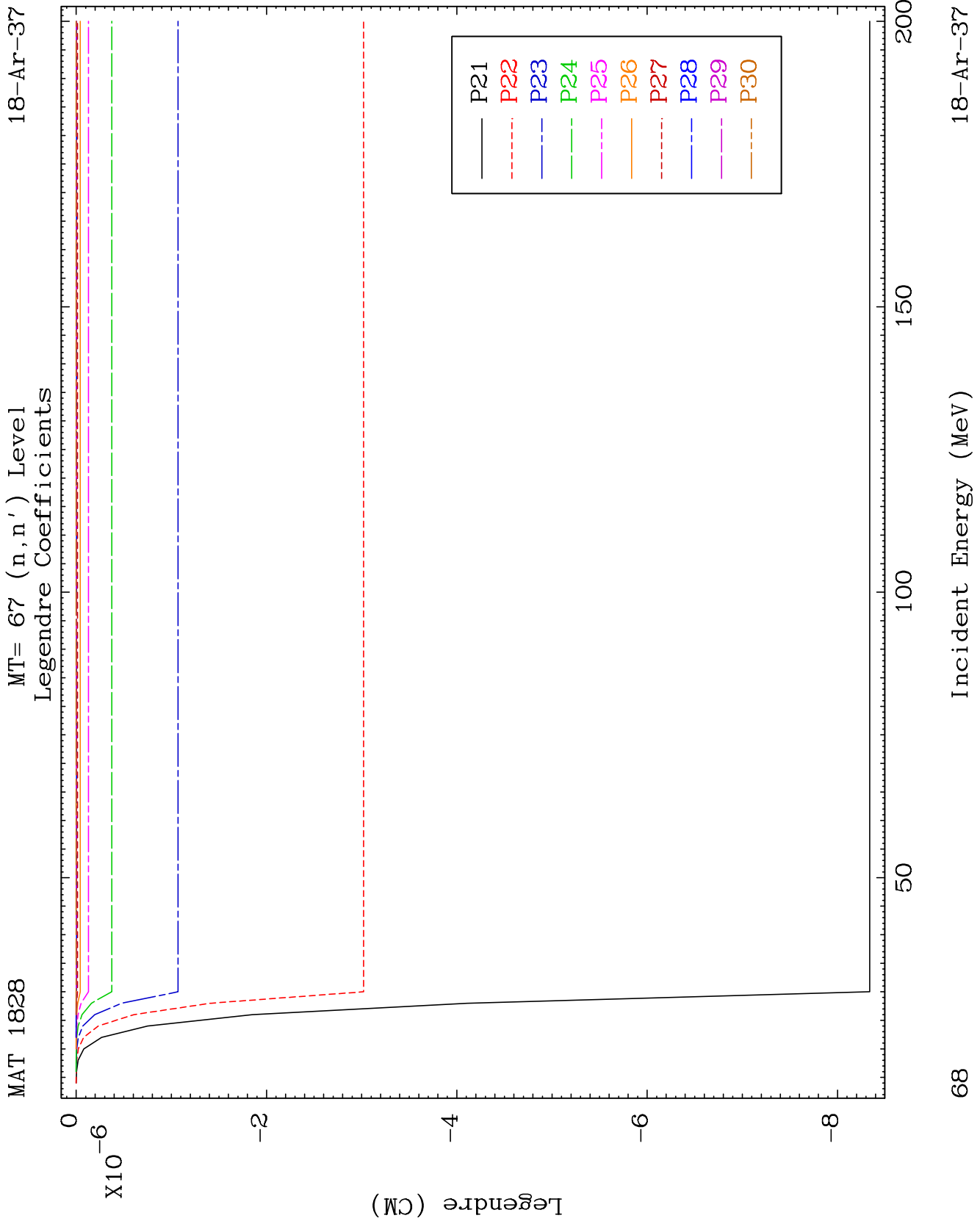
18-Ar-37







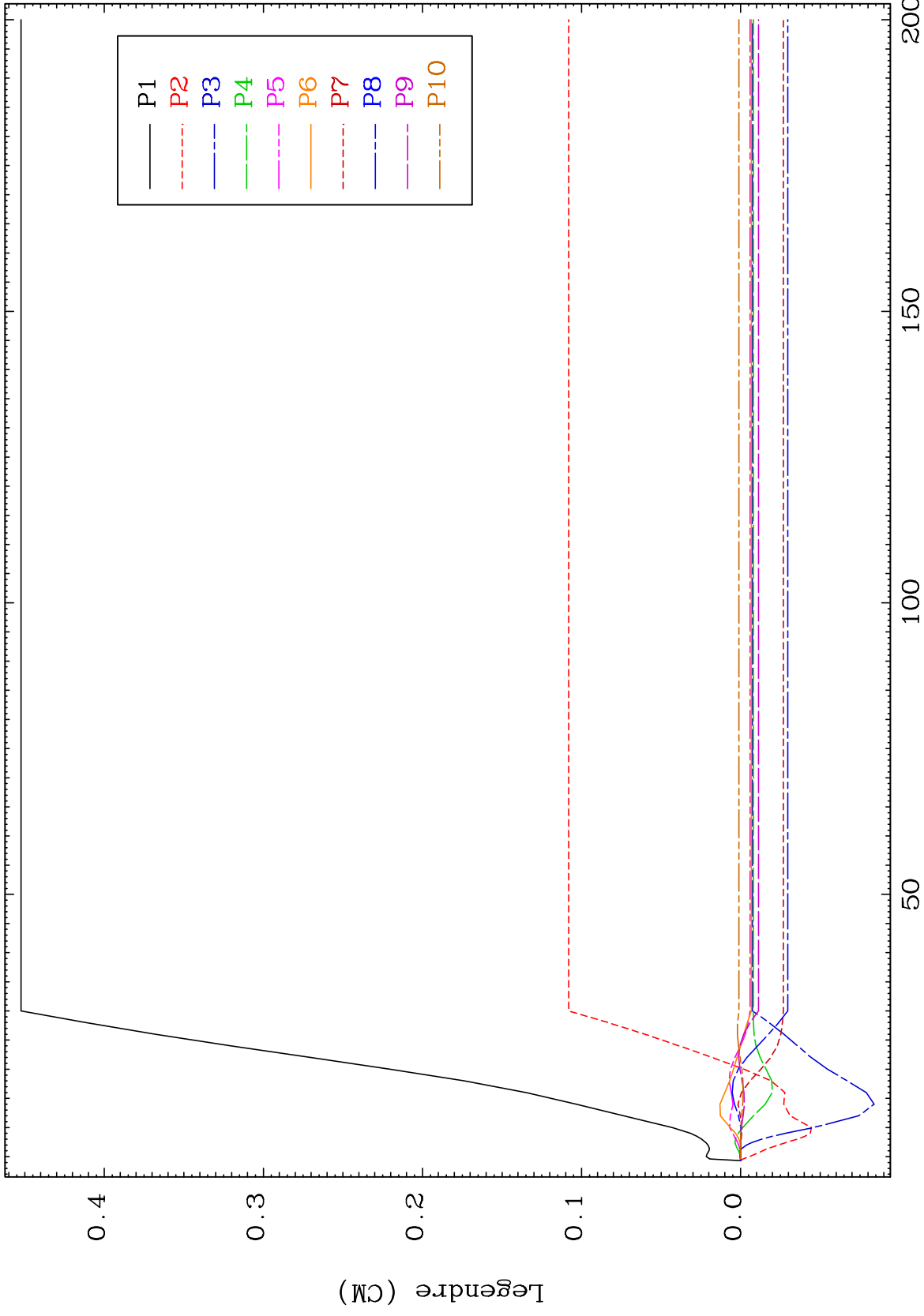




MAT 1828

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

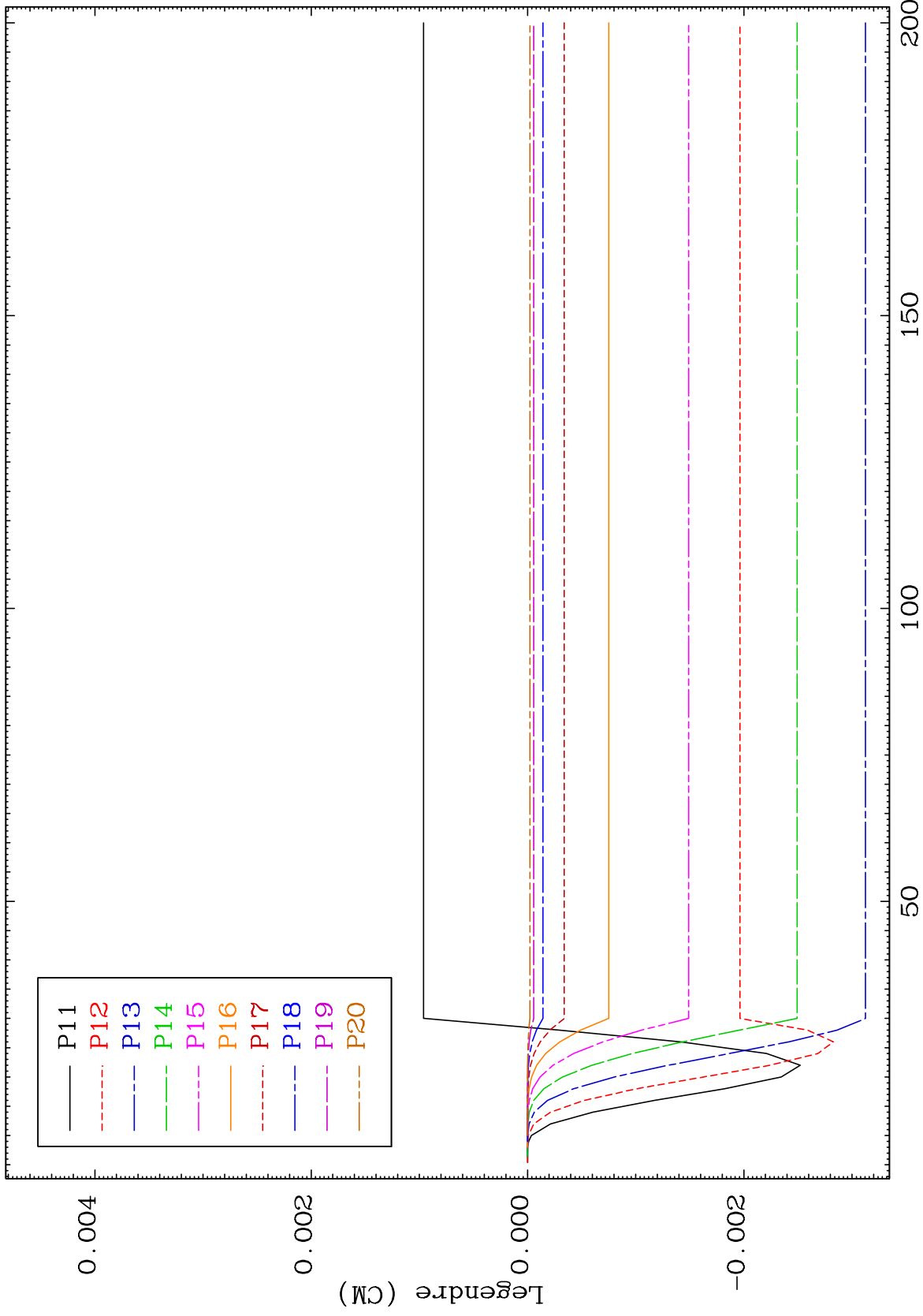
18-Ar-37

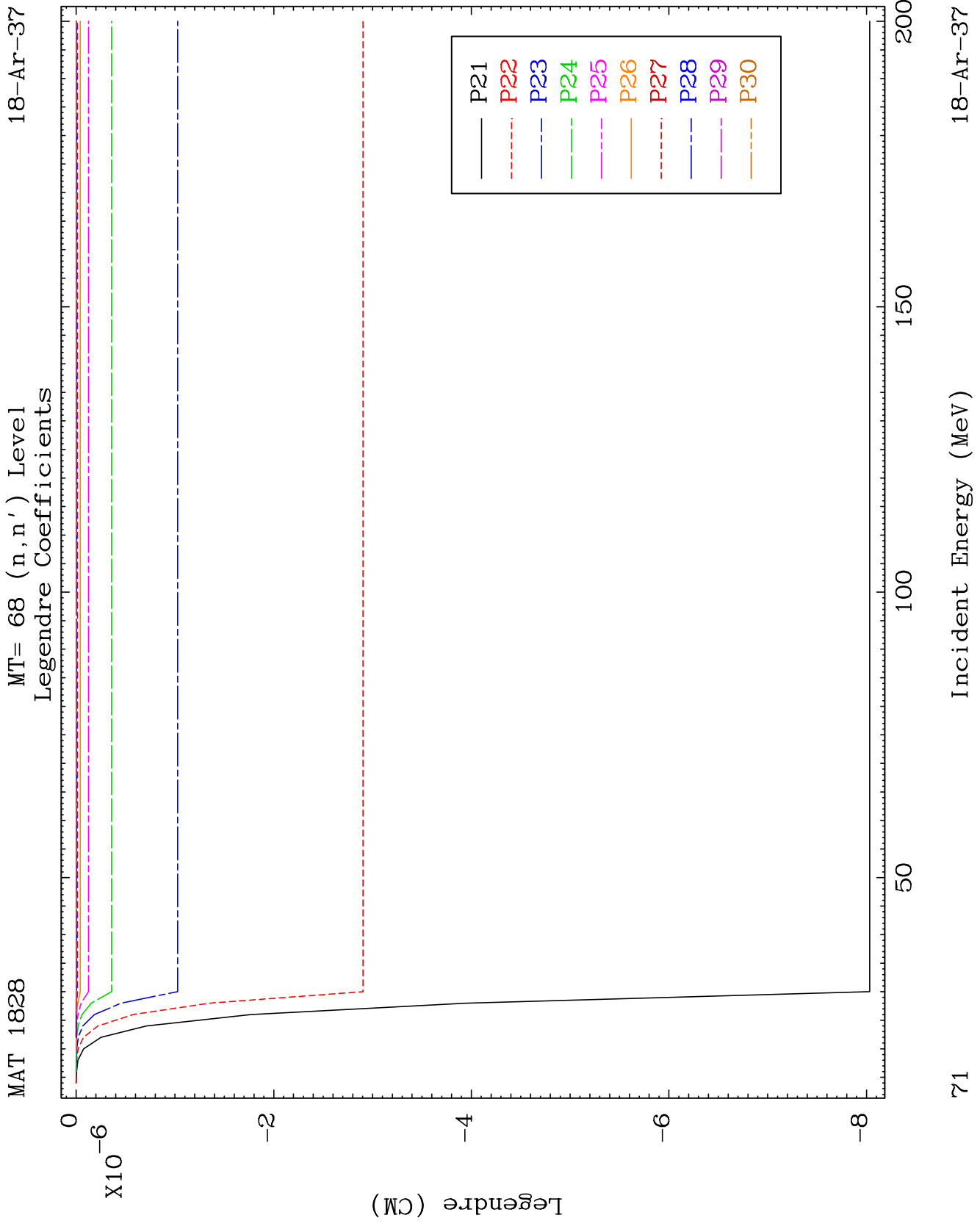


69

Incident Energy (MeV)

18-Ar-37

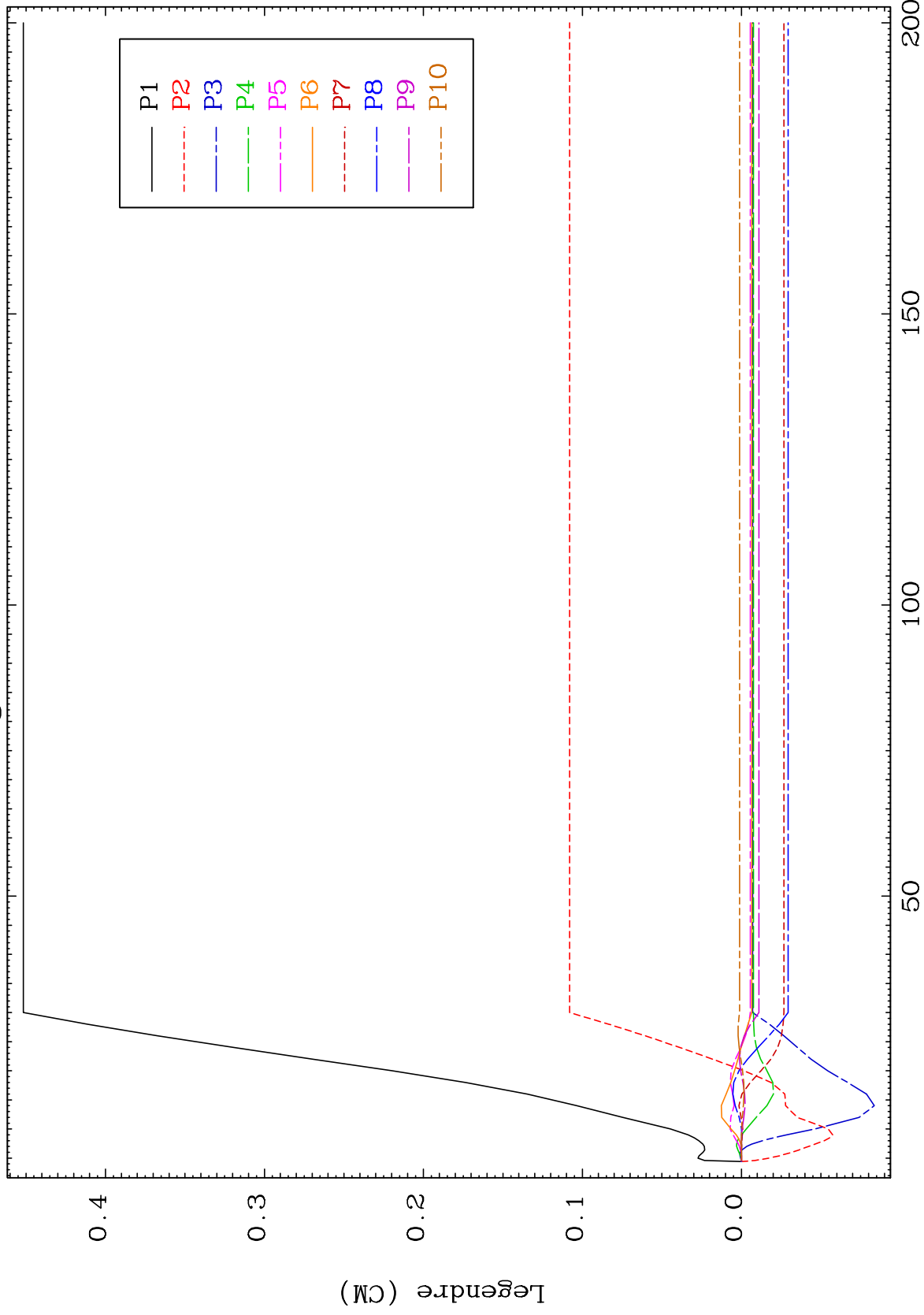




MAT 1828

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

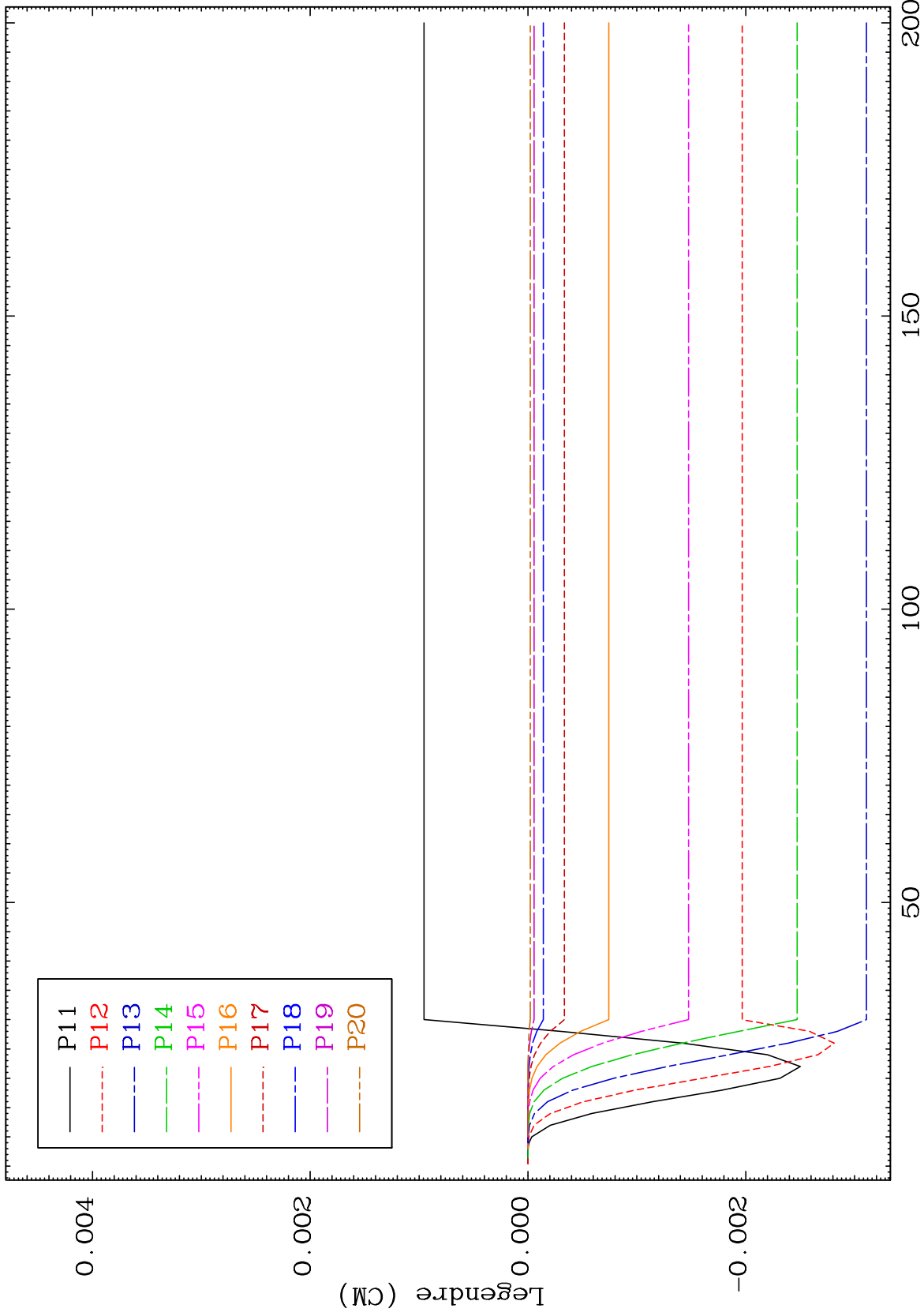
18-Ar-37

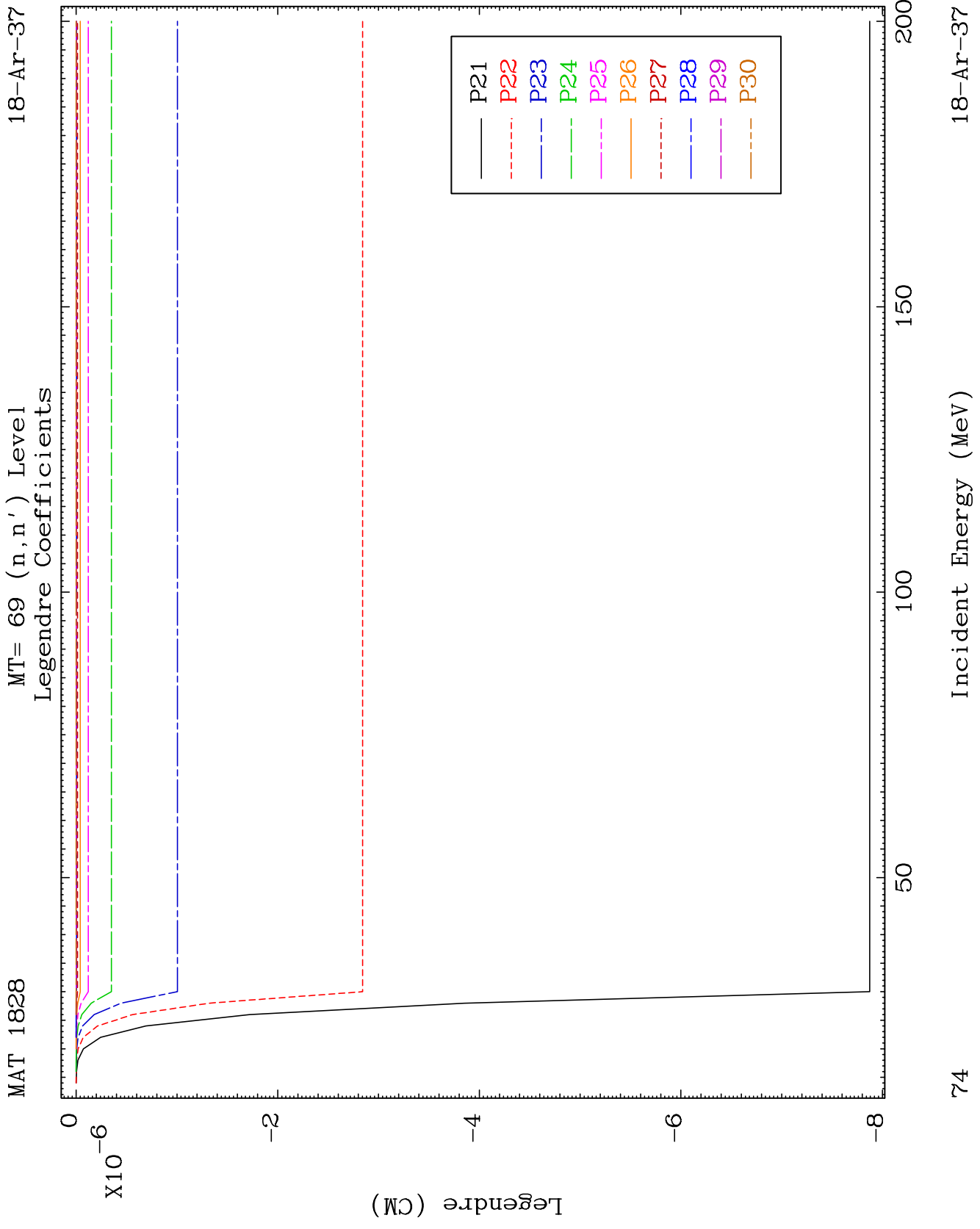


72

Incident Energy (MeV)

18-Ar-37

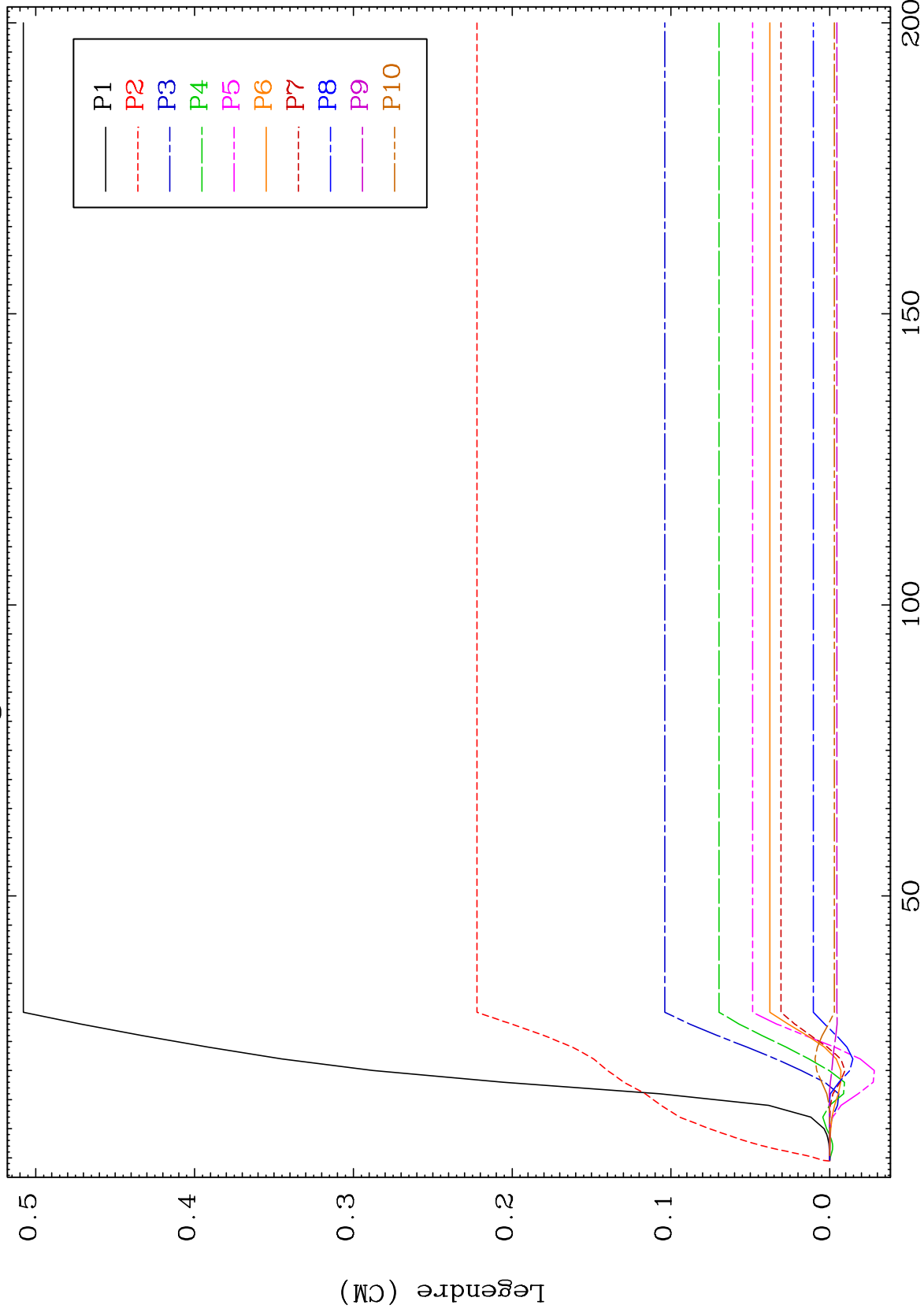




MAT 1828

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

18-Ar-37



75

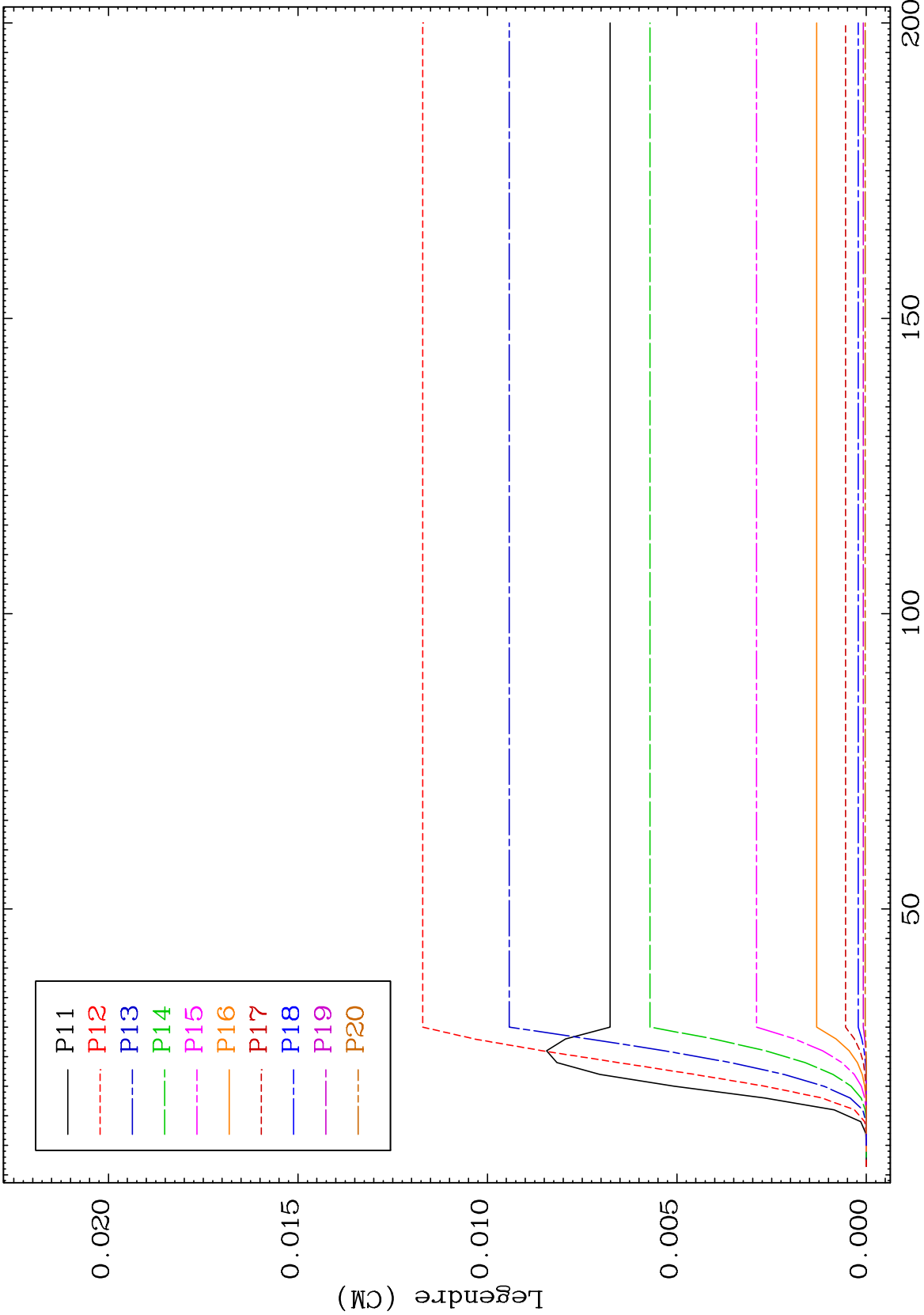
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



76

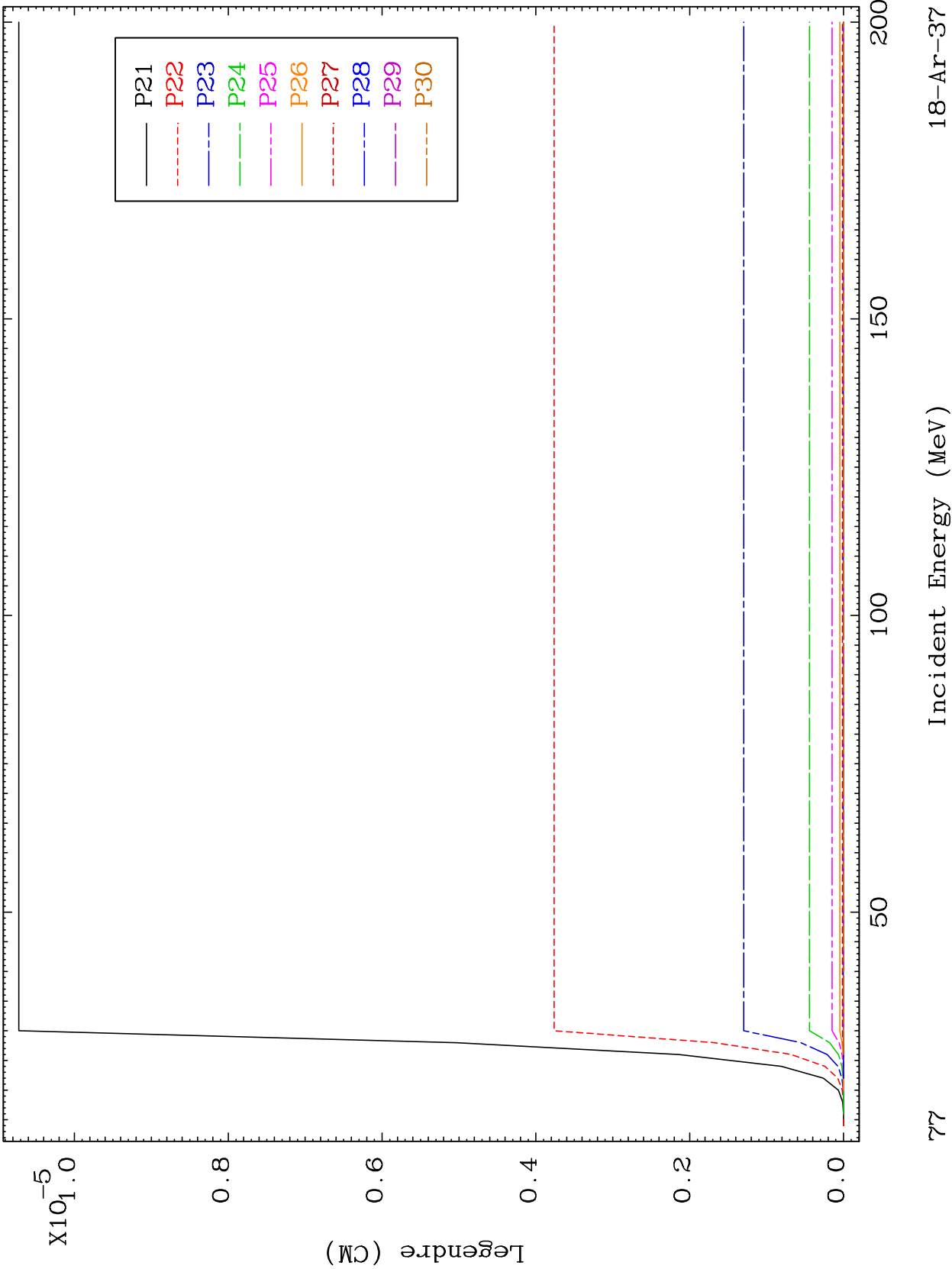
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



77

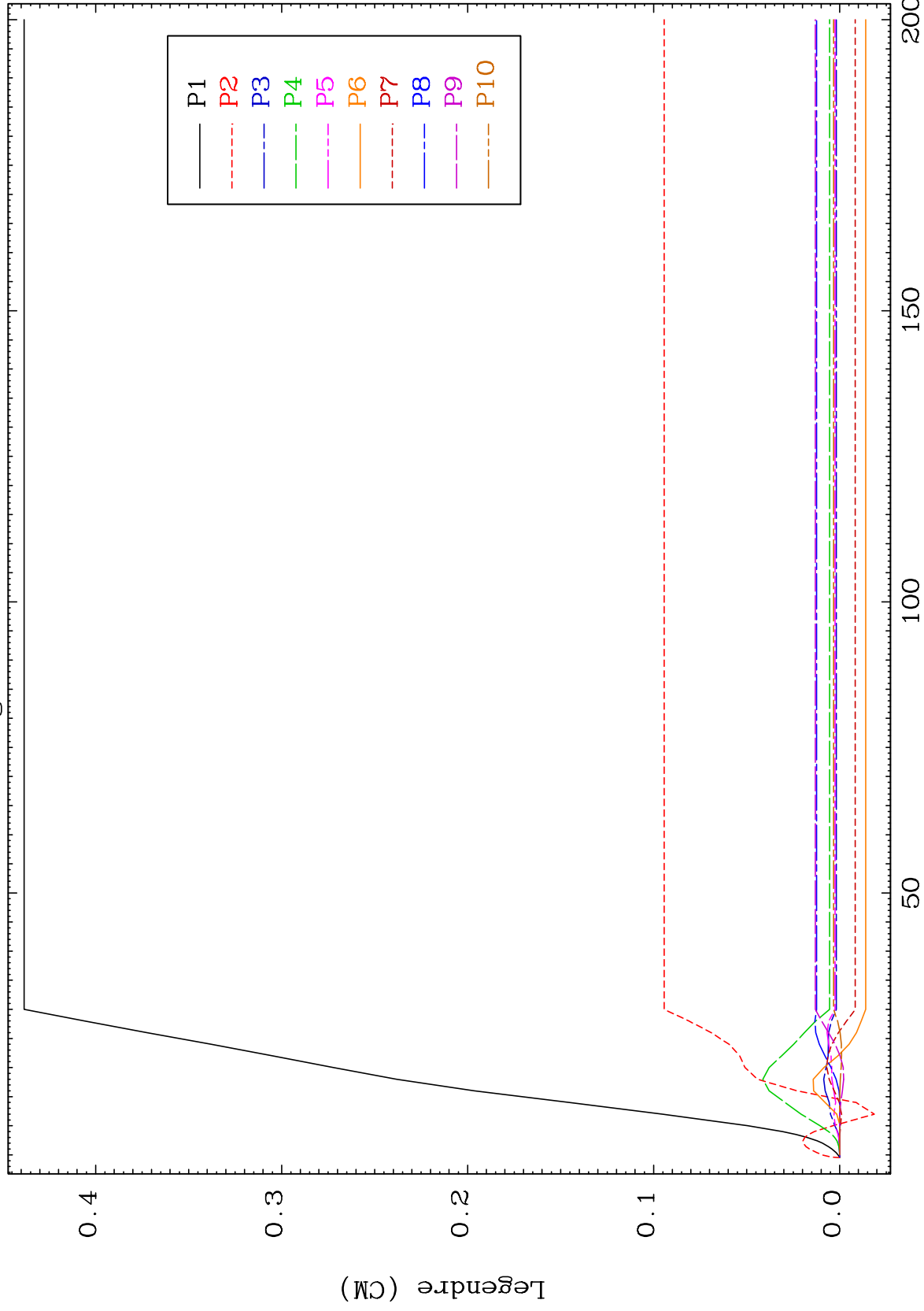
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



78

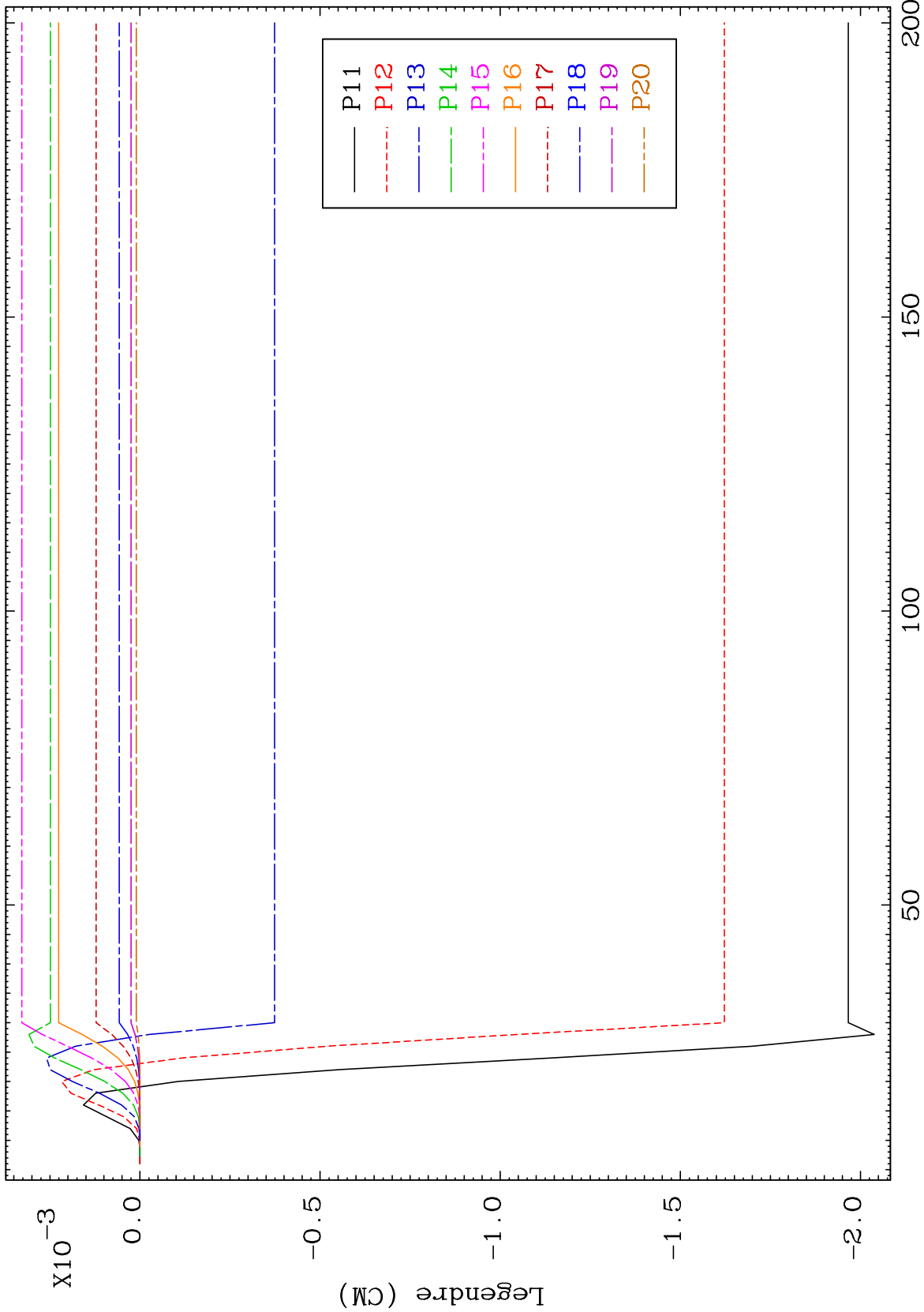
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



79

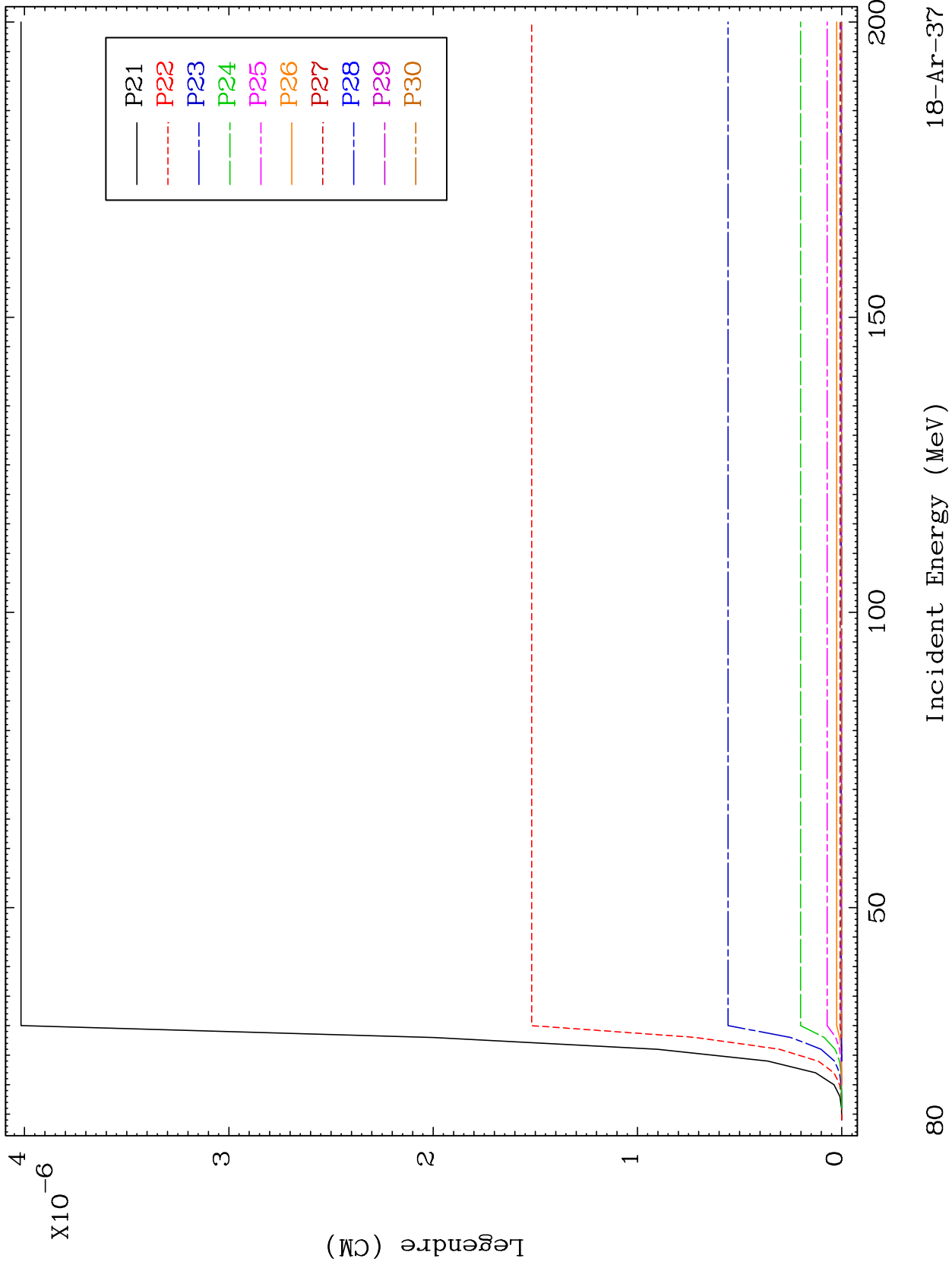
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

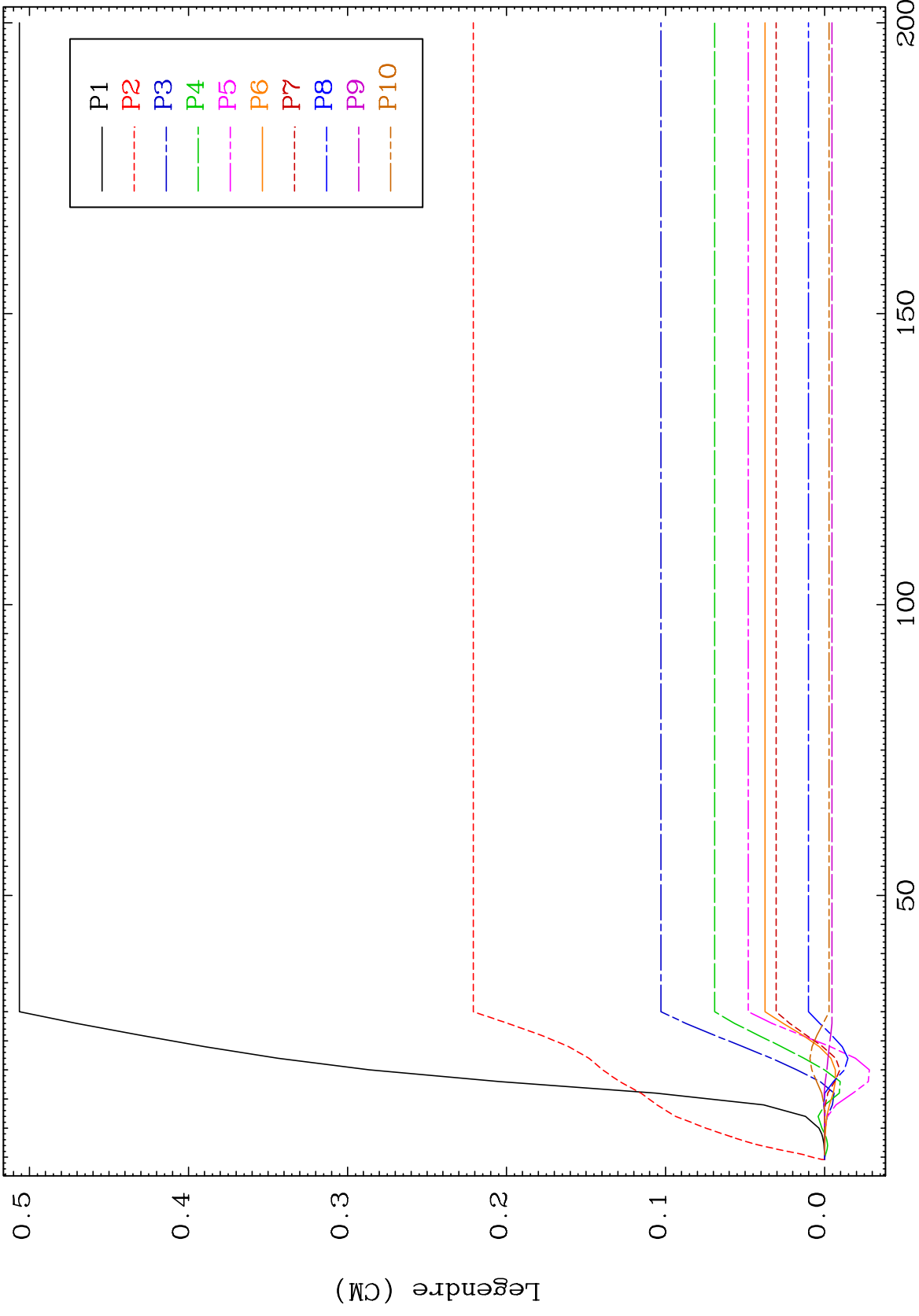
18-Ar-37



MAT 1828

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

18-Ar-37



81

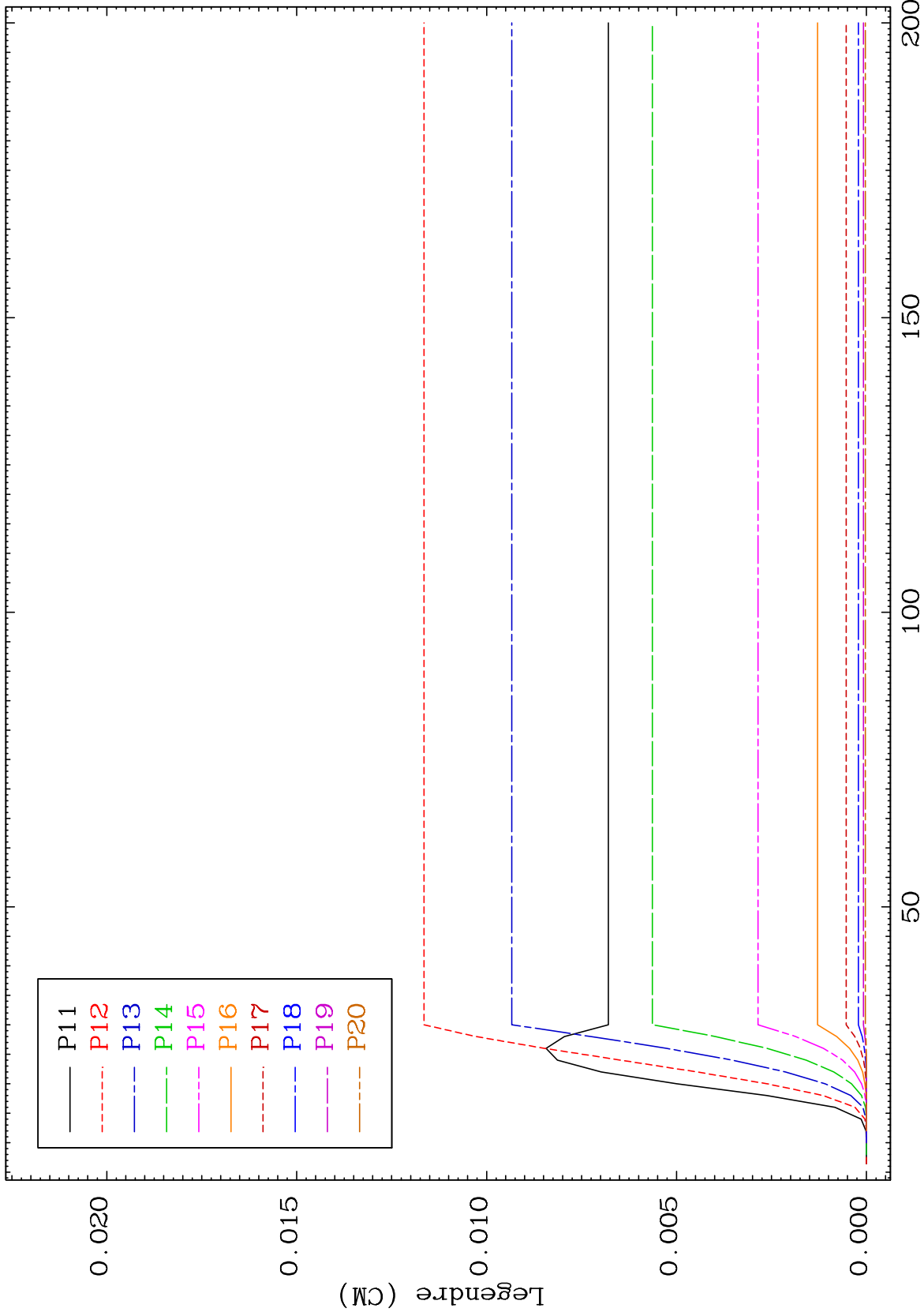
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



82

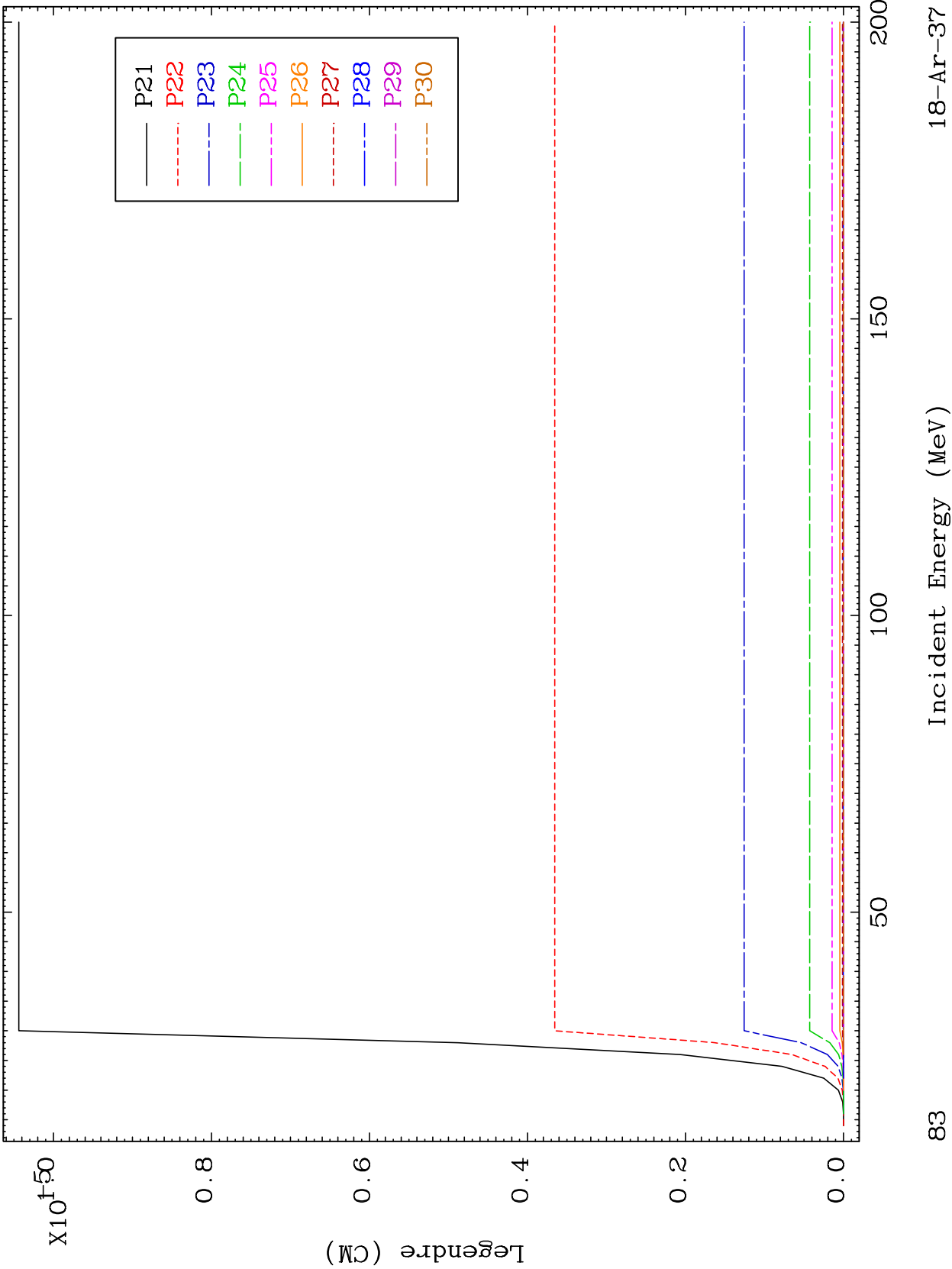
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



83

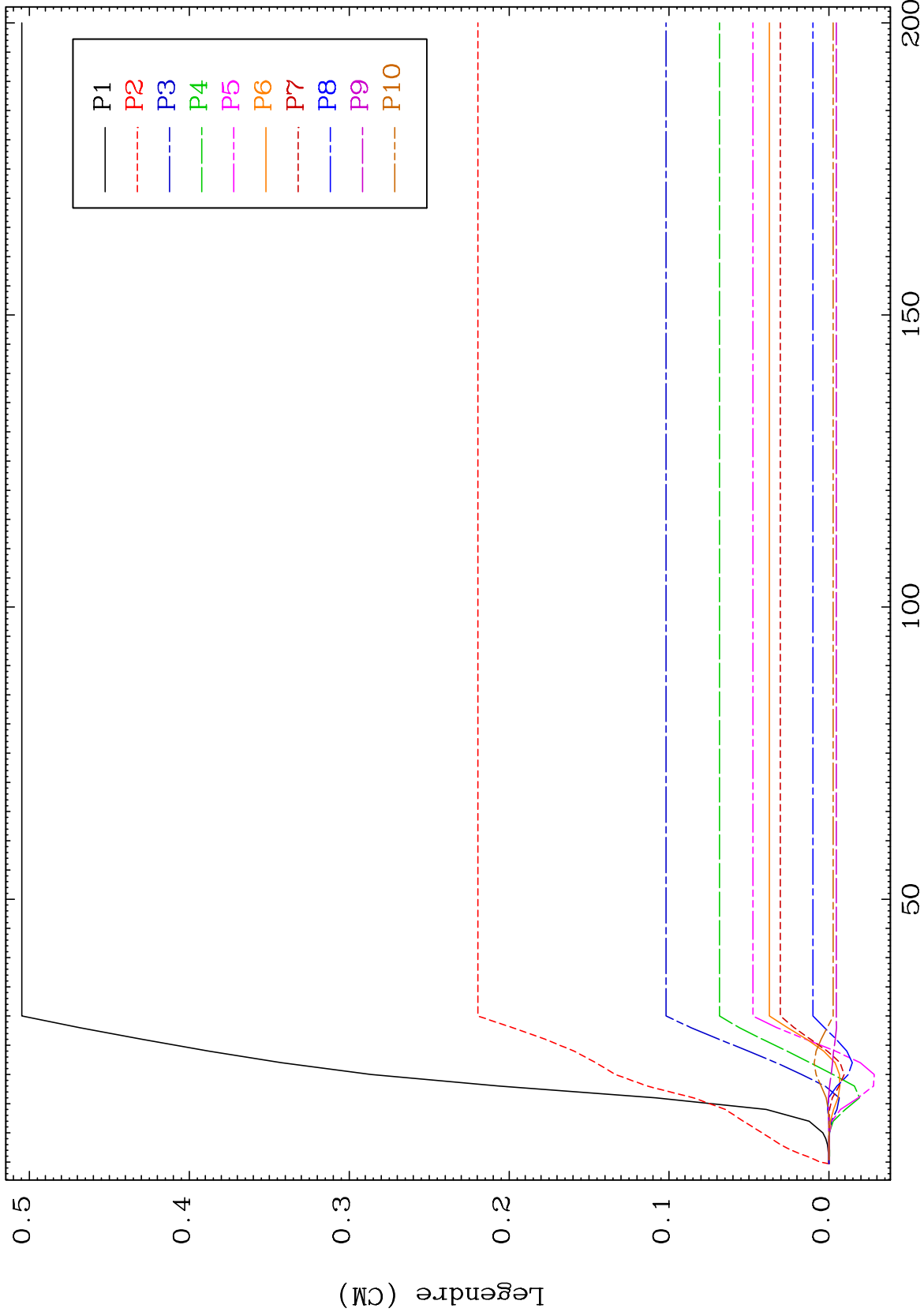
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



84

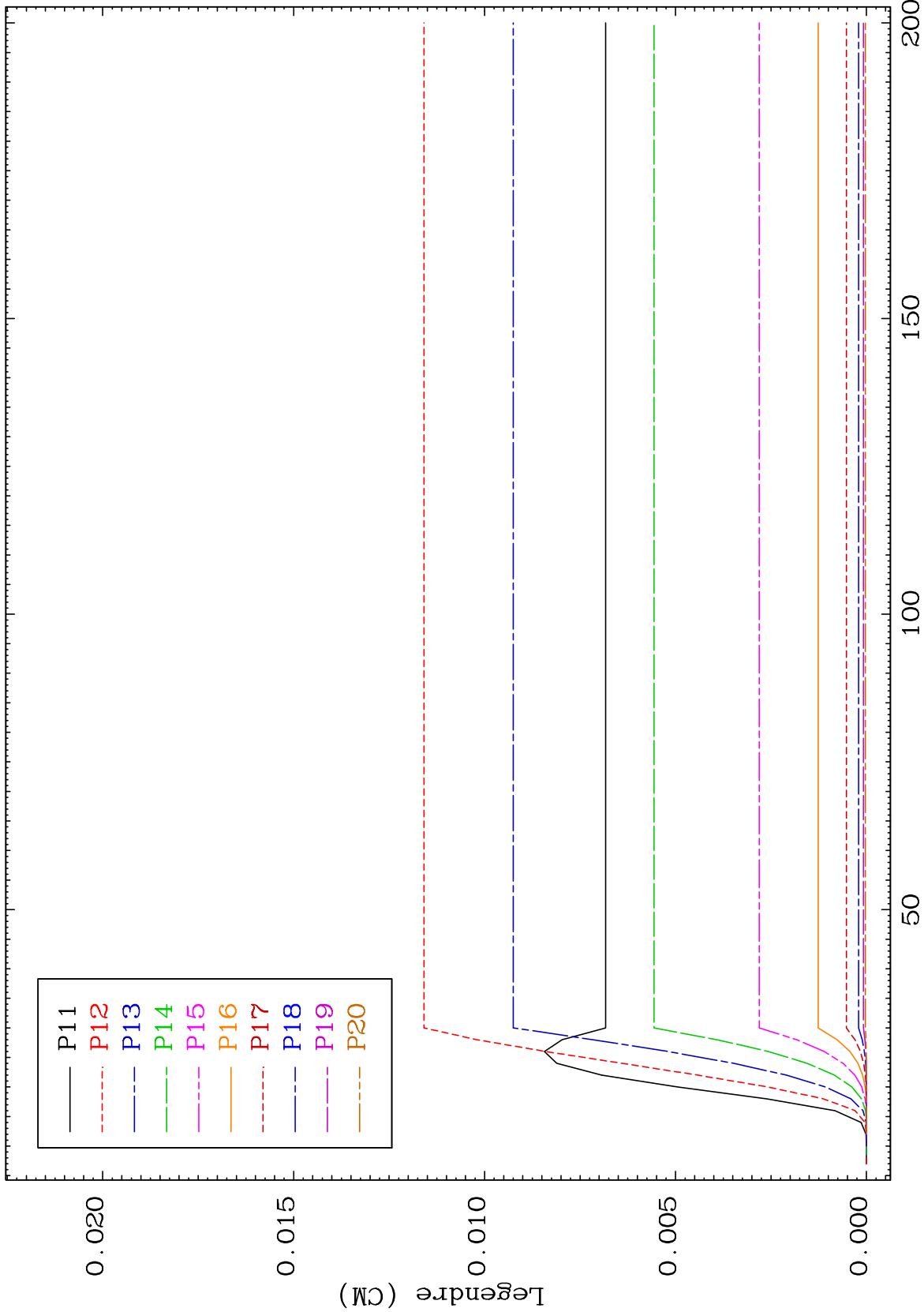
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



85

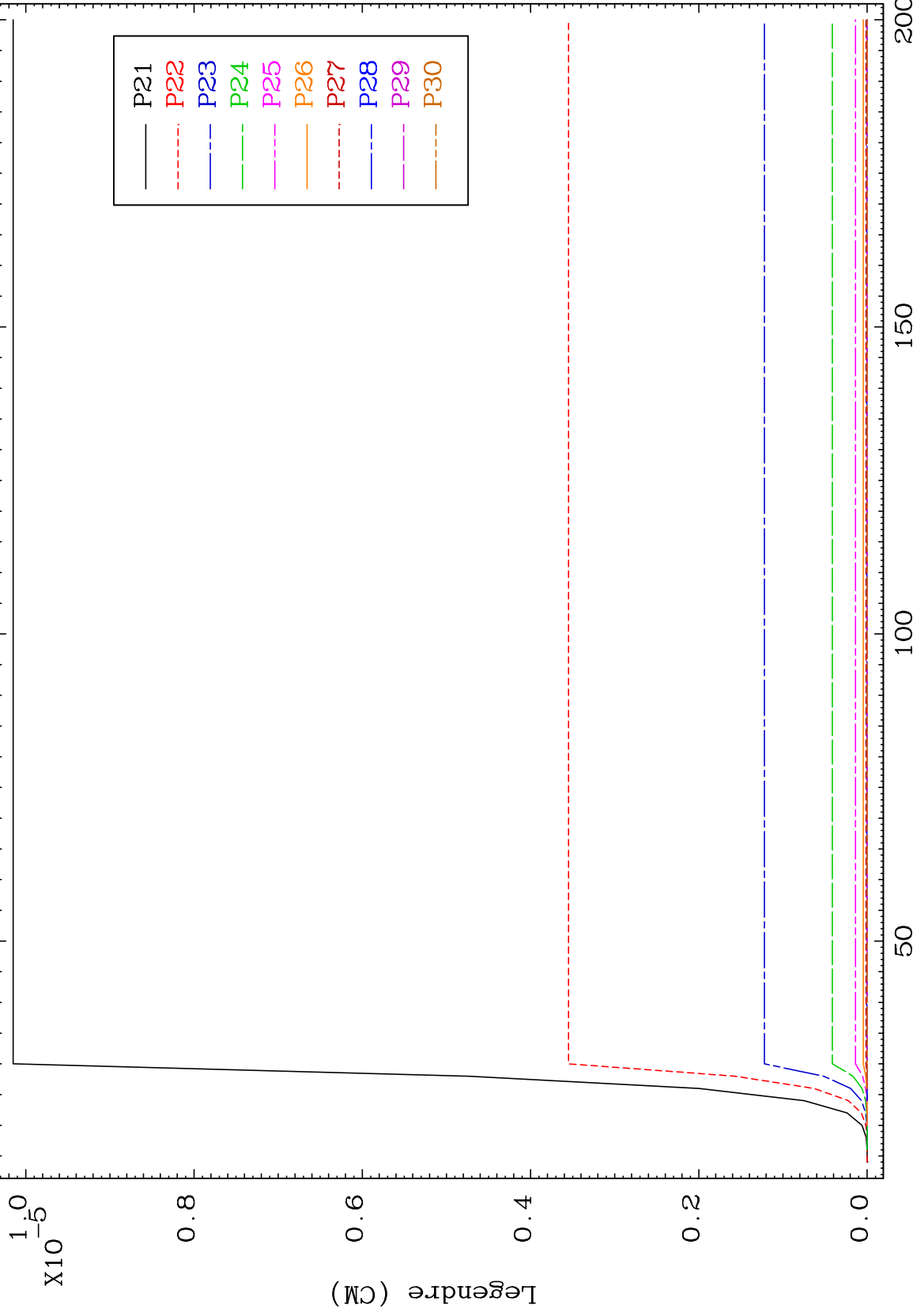
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



86

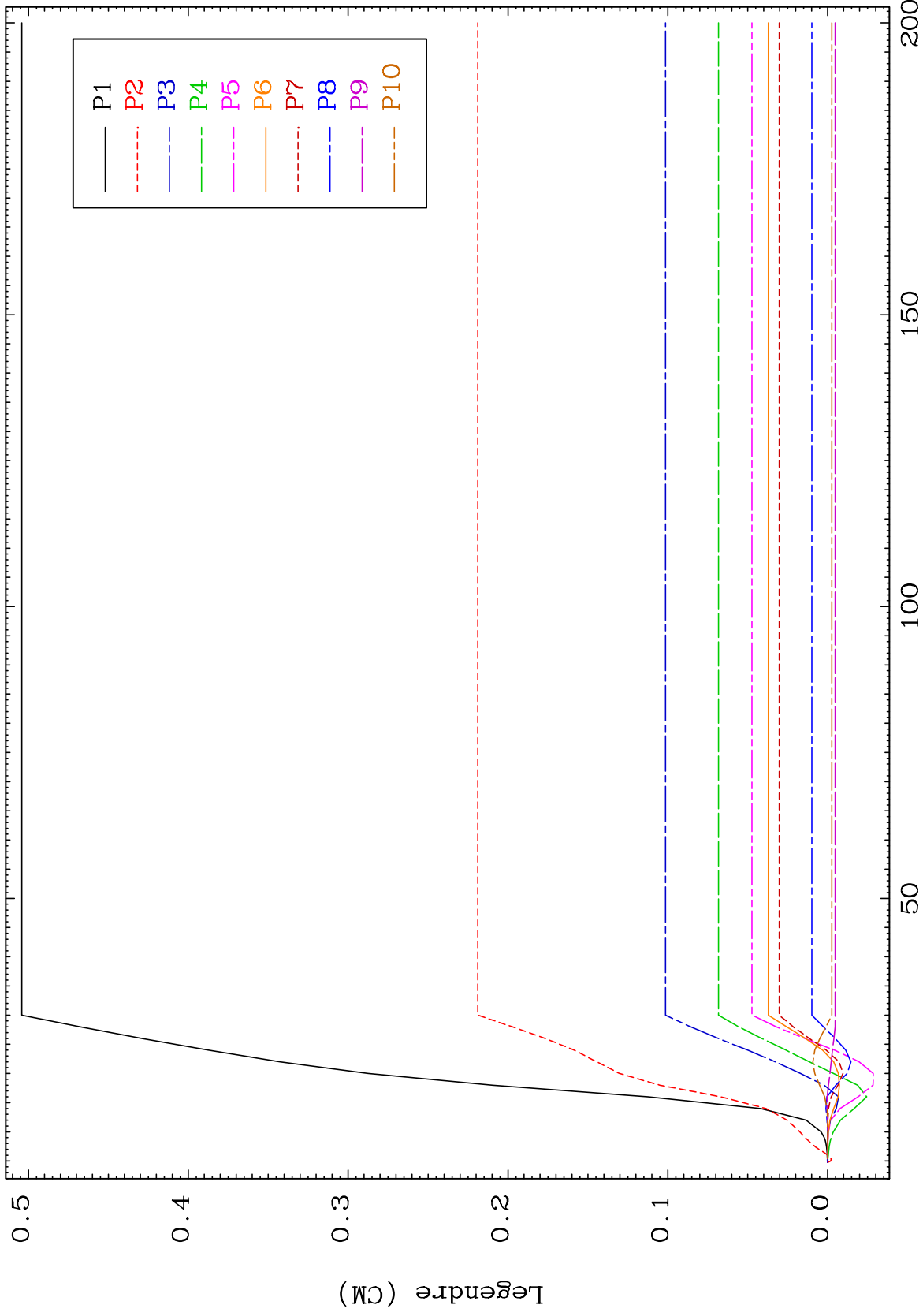
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

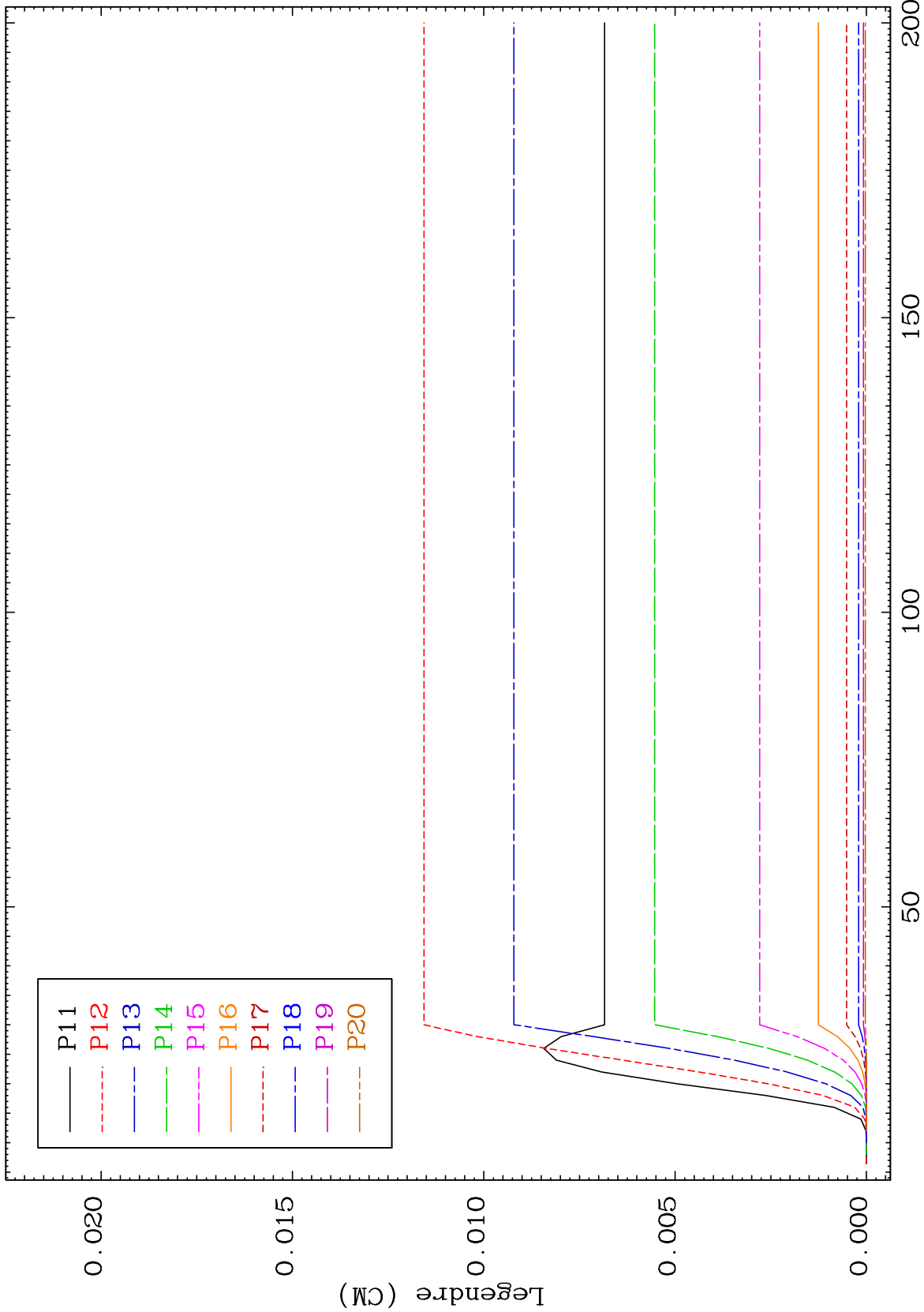
18-Ar-37

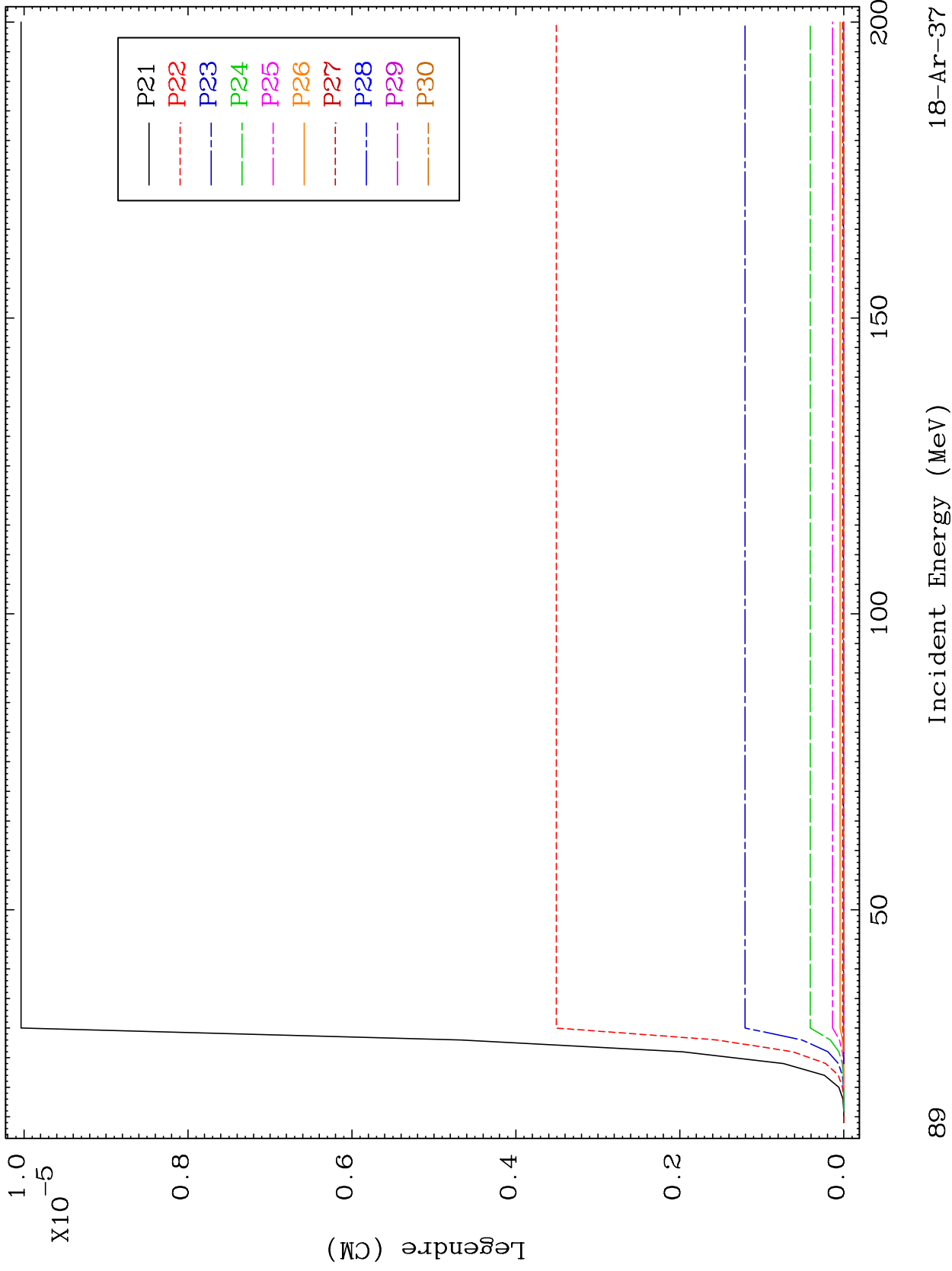


87

Incident Energy (MeV)

18-Ar-37

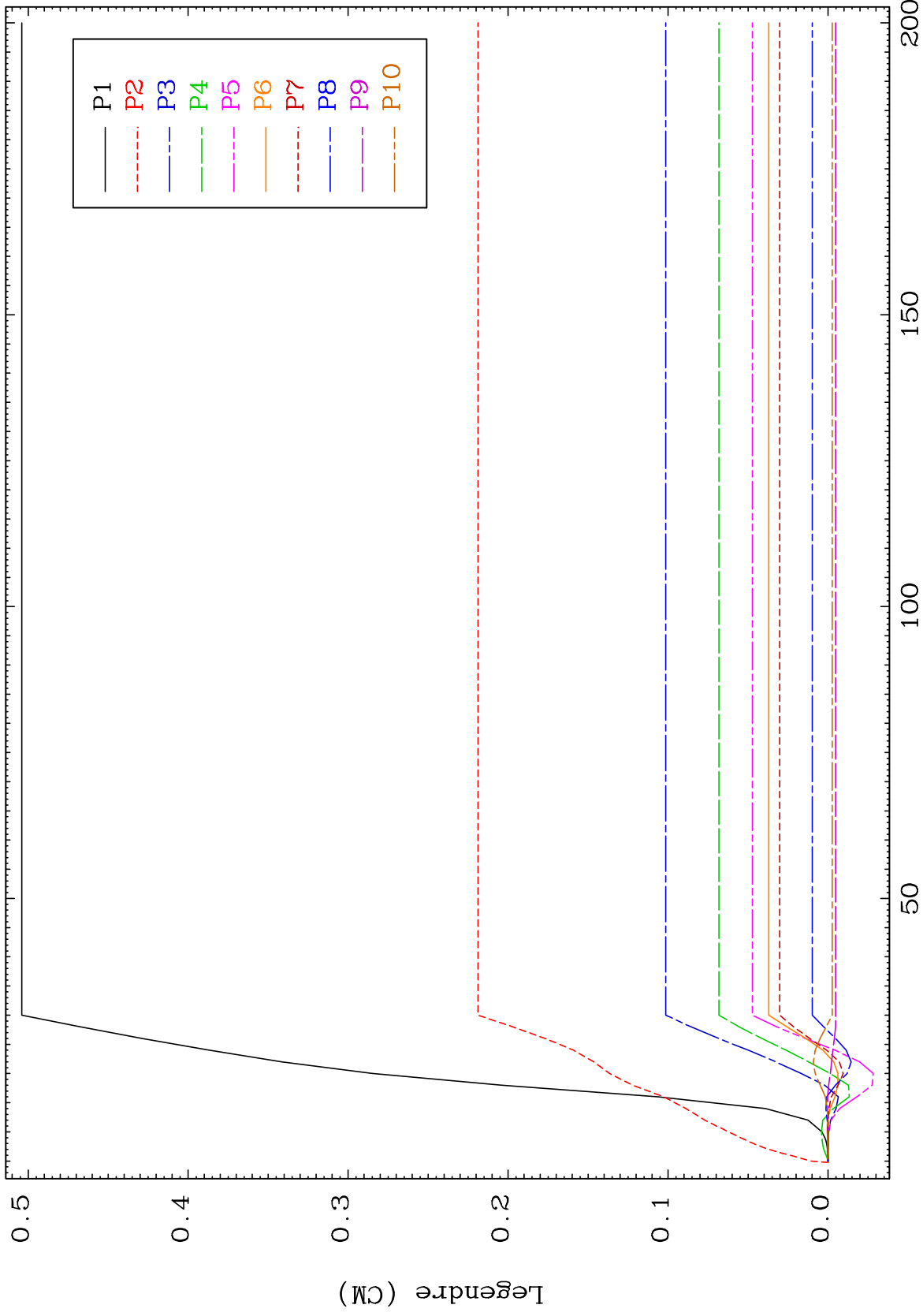




MAT 1828

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

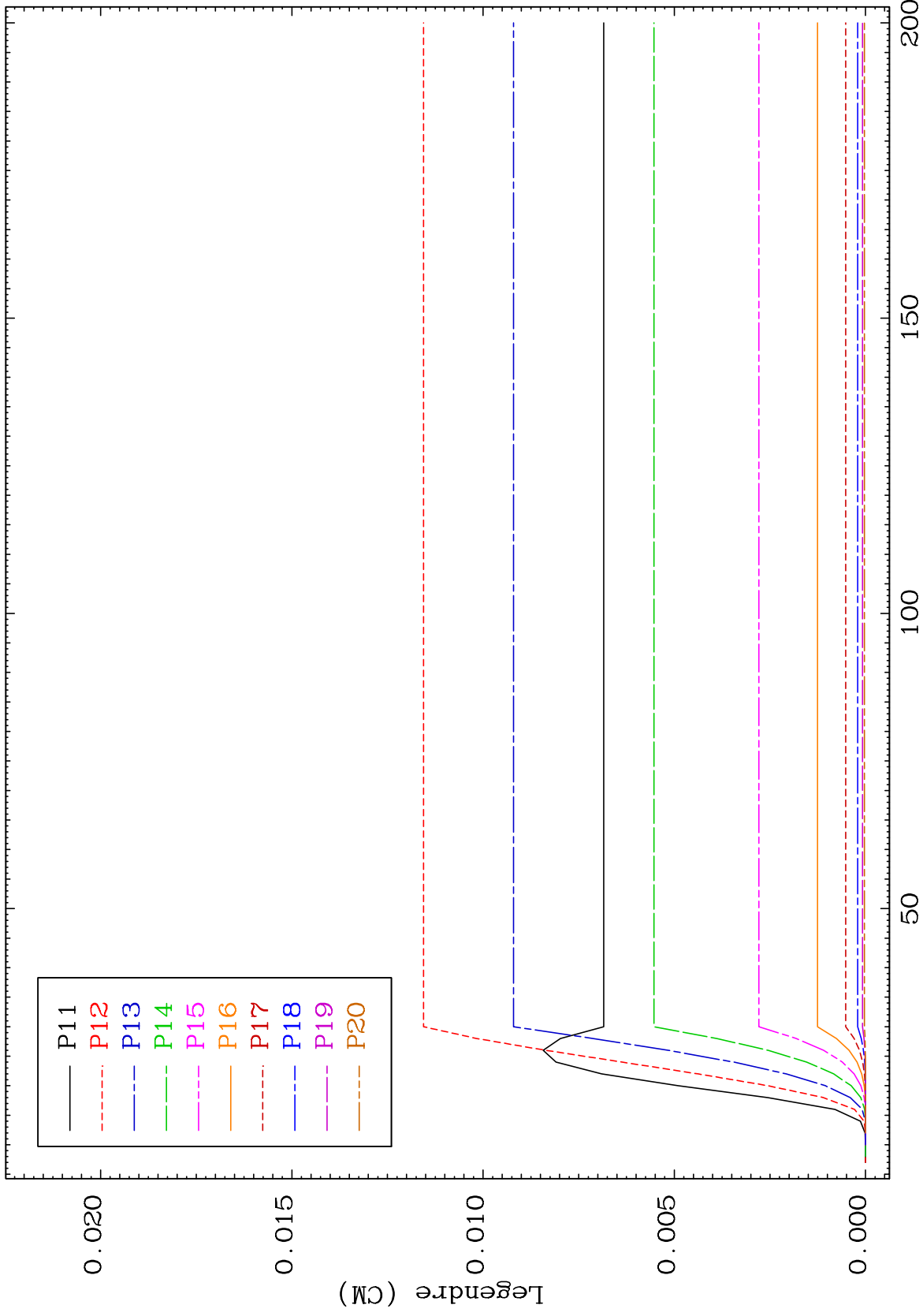
18-Ar-37



90

Incident Energy (MeV)

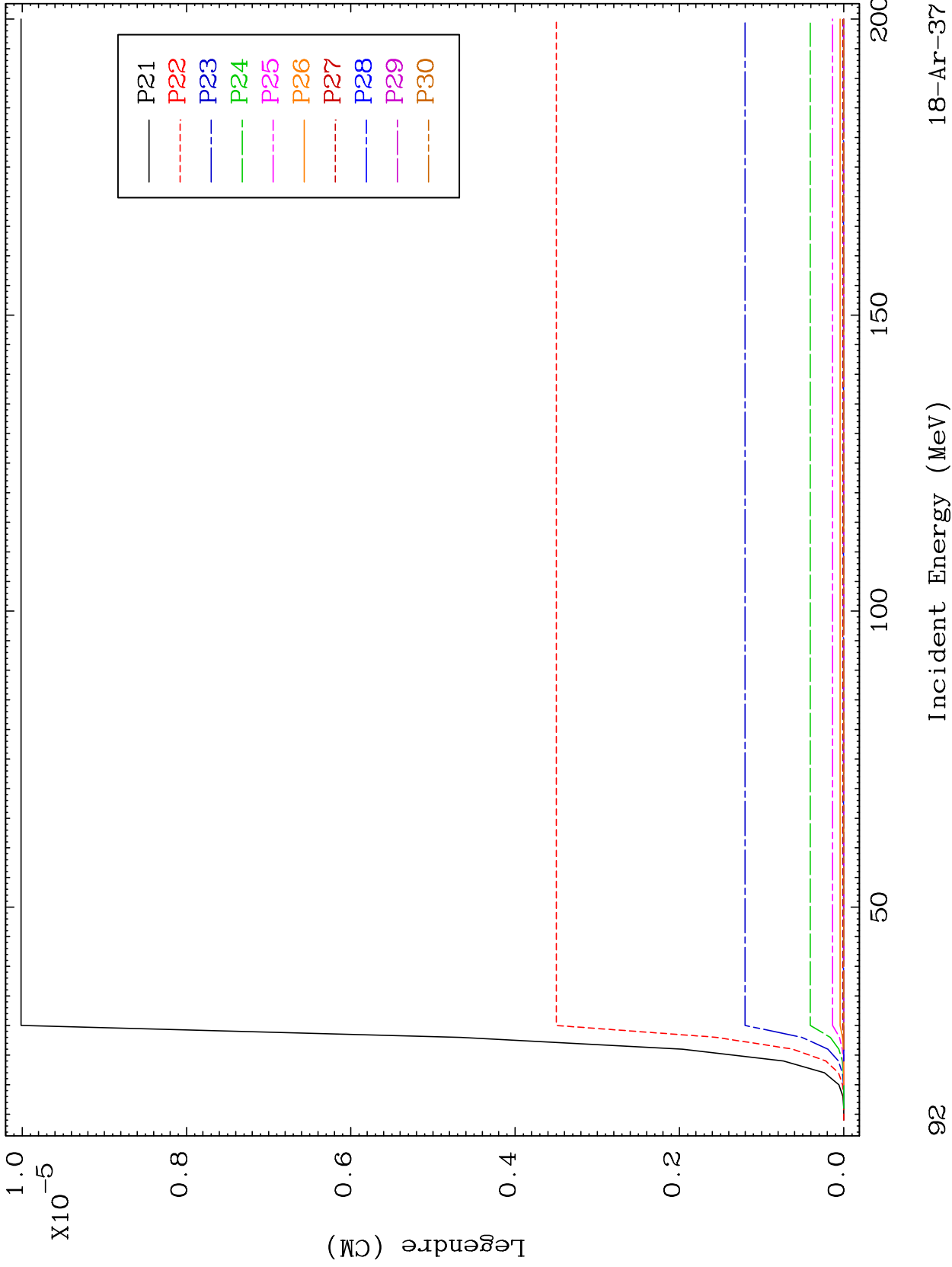
18-Ar-37



MAT 1828

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

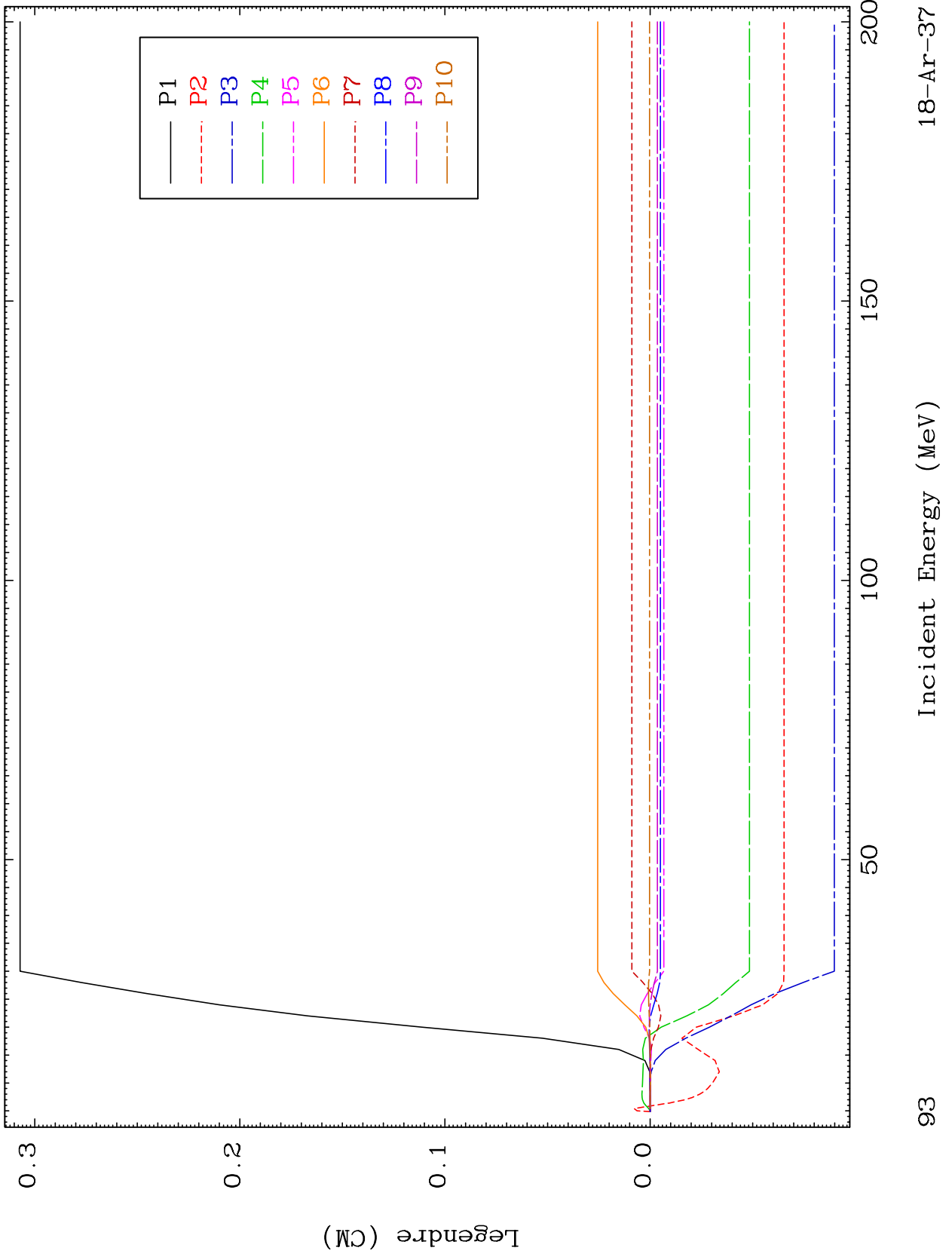
18-Ar-37



MAT 1828

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

18-Ar-37



93

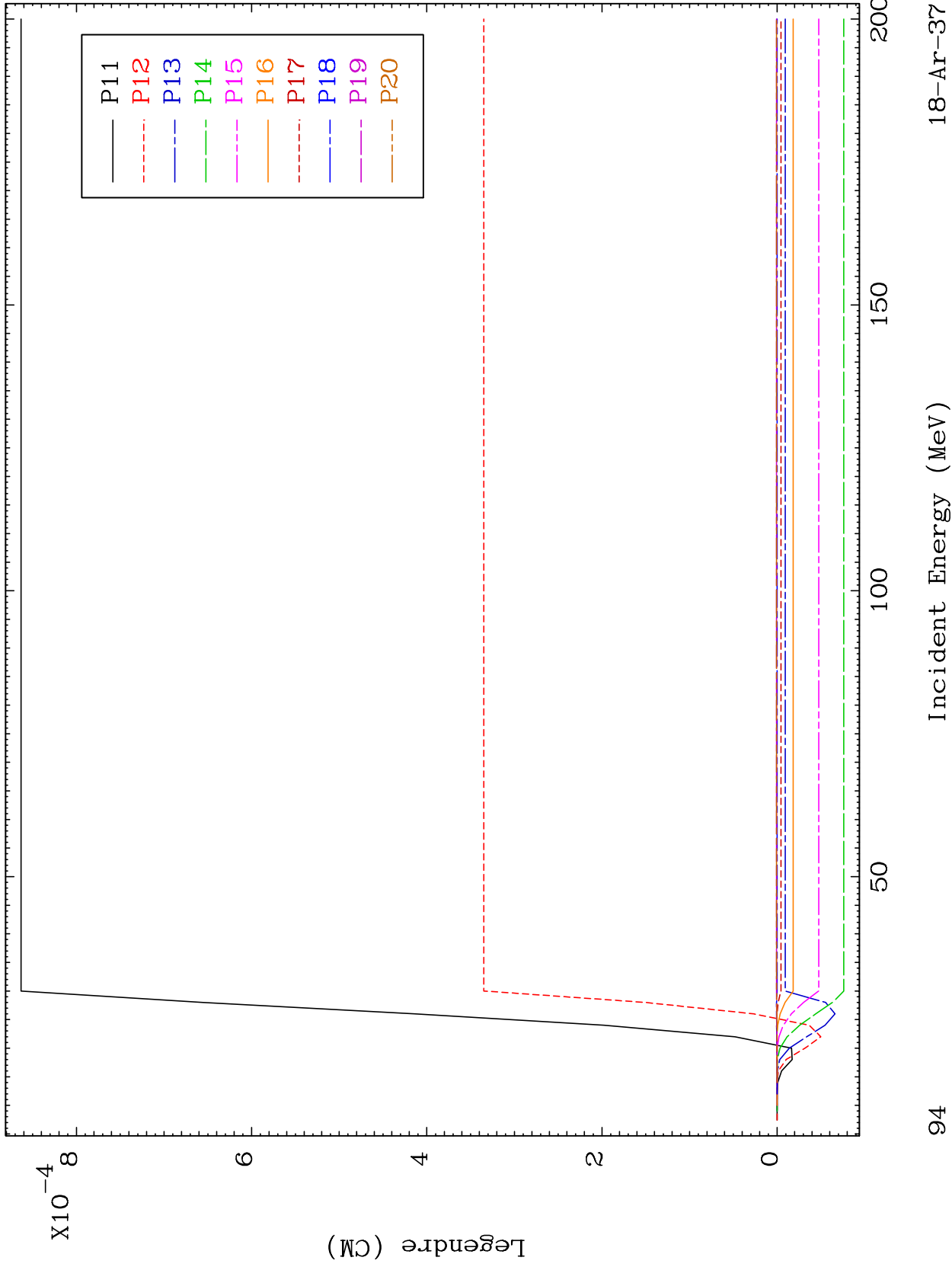
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

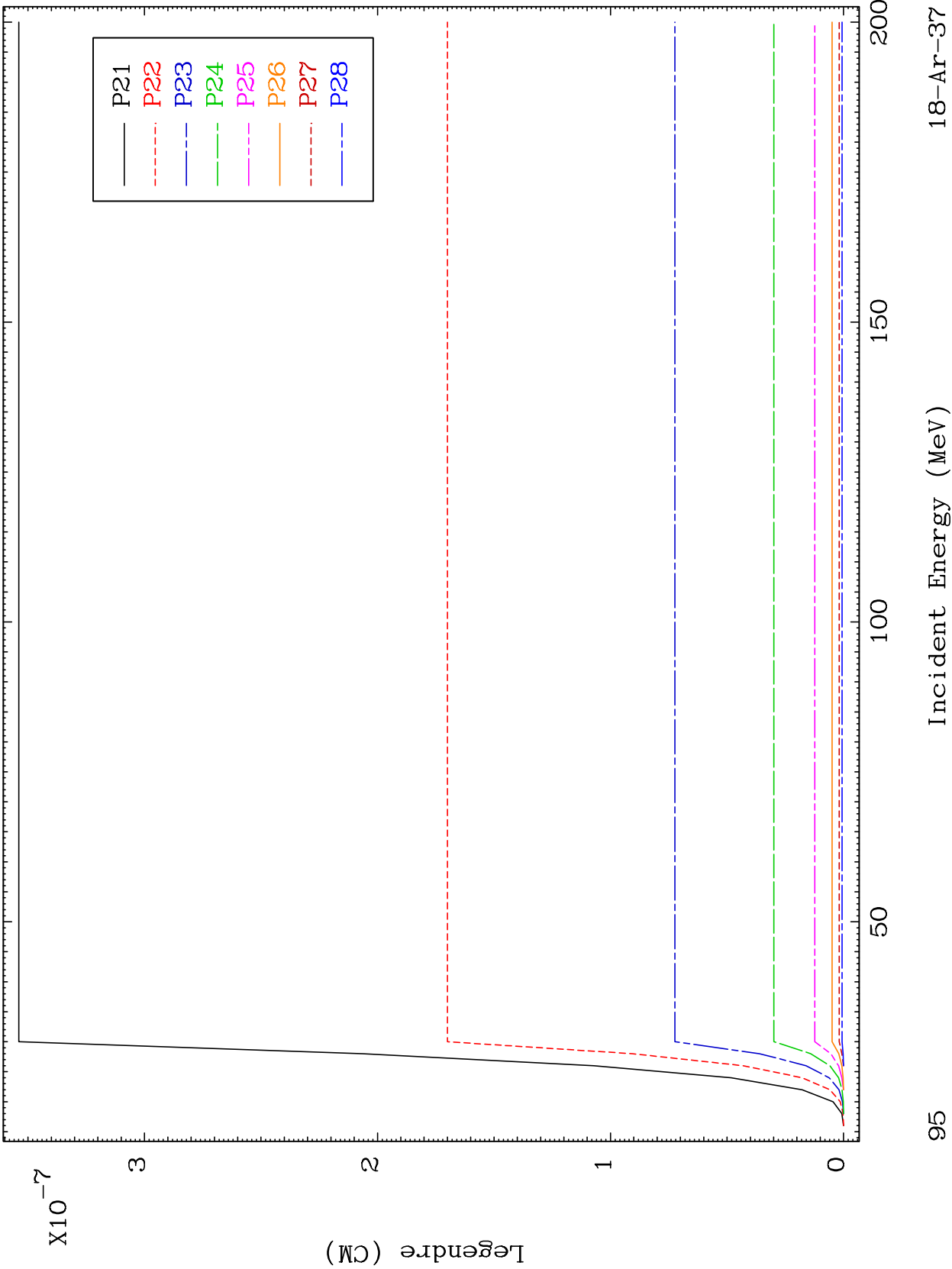
18-Ar-37



MAT 1828

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

18-Ar-37



95

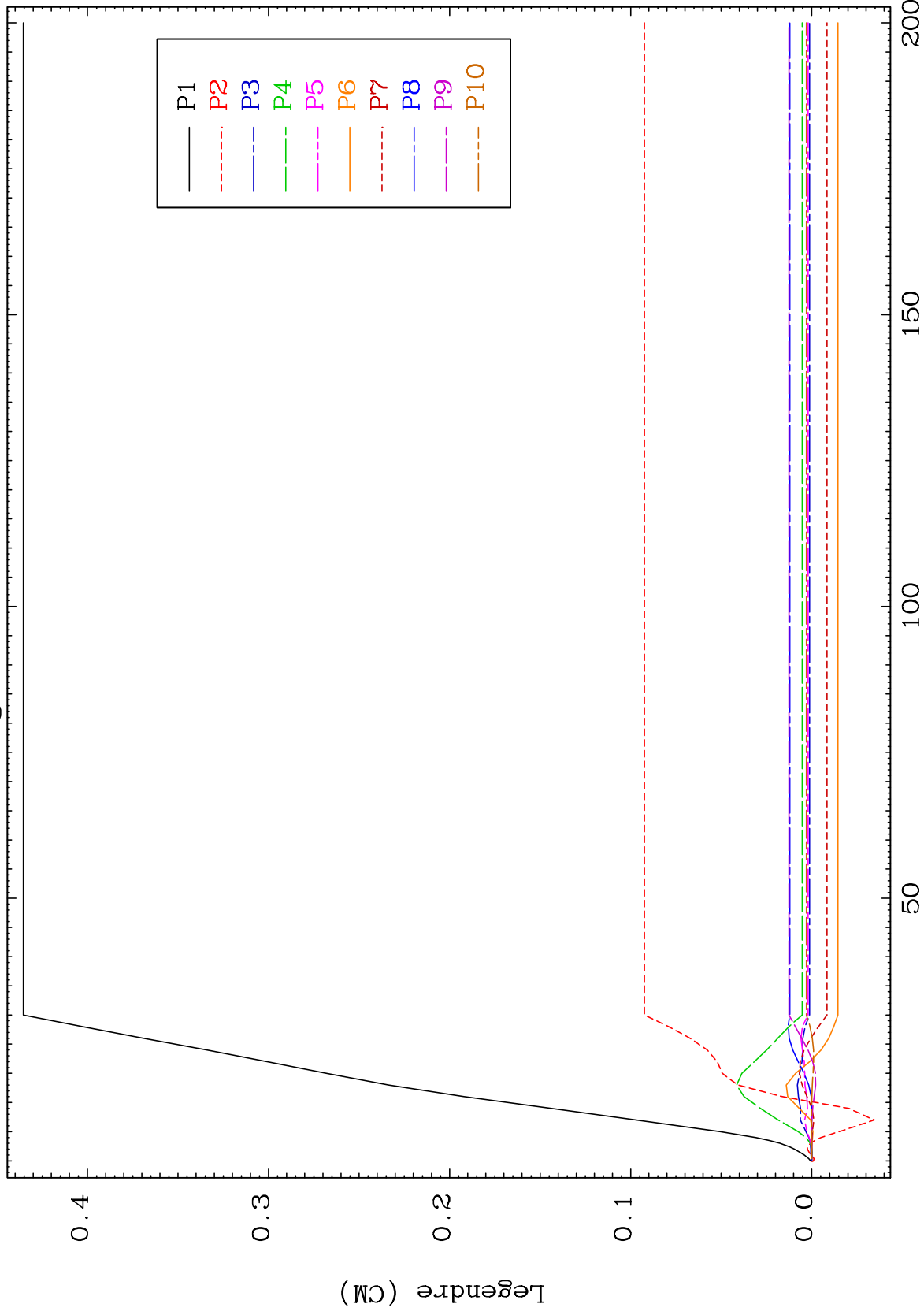
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



96

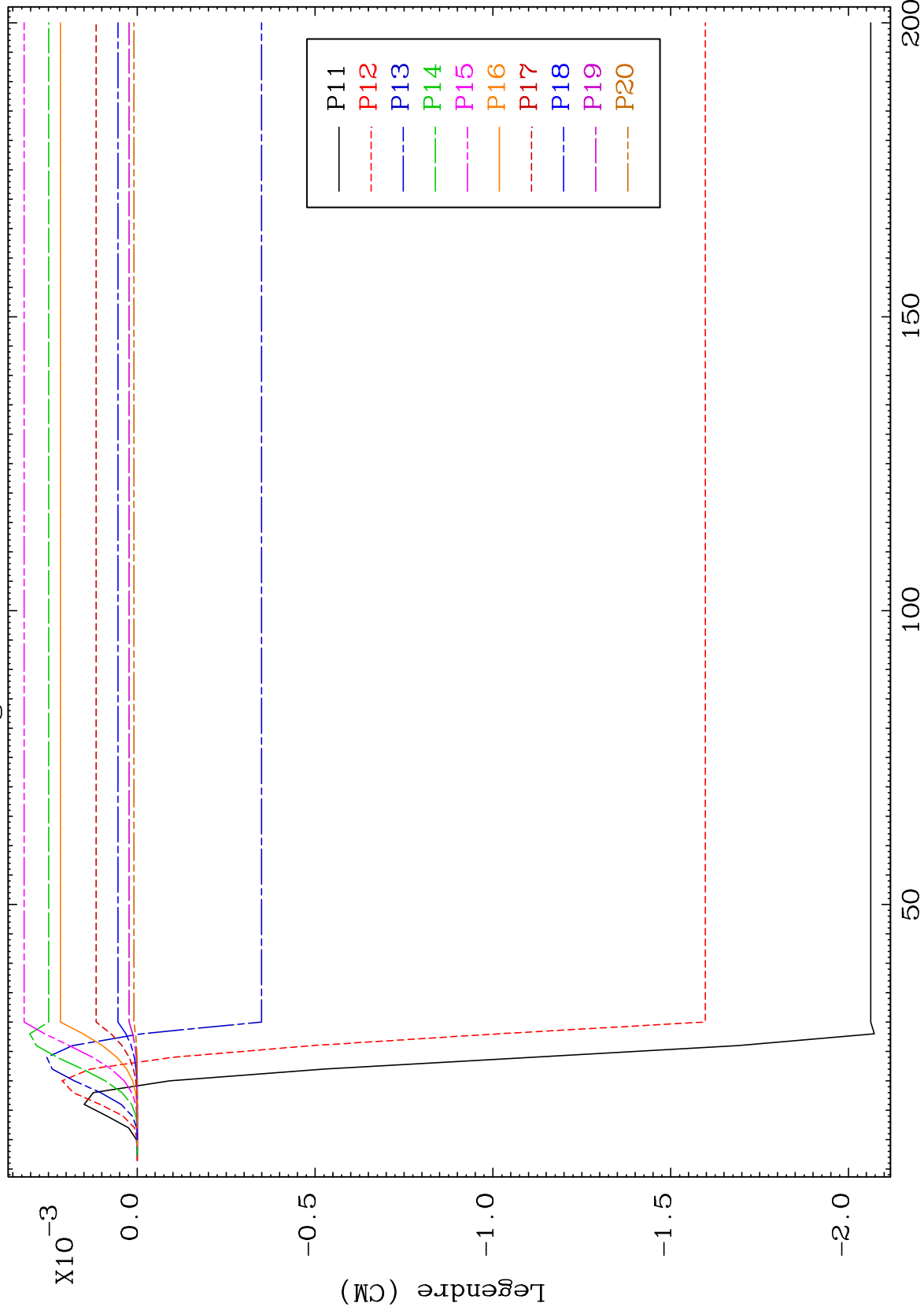
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



97

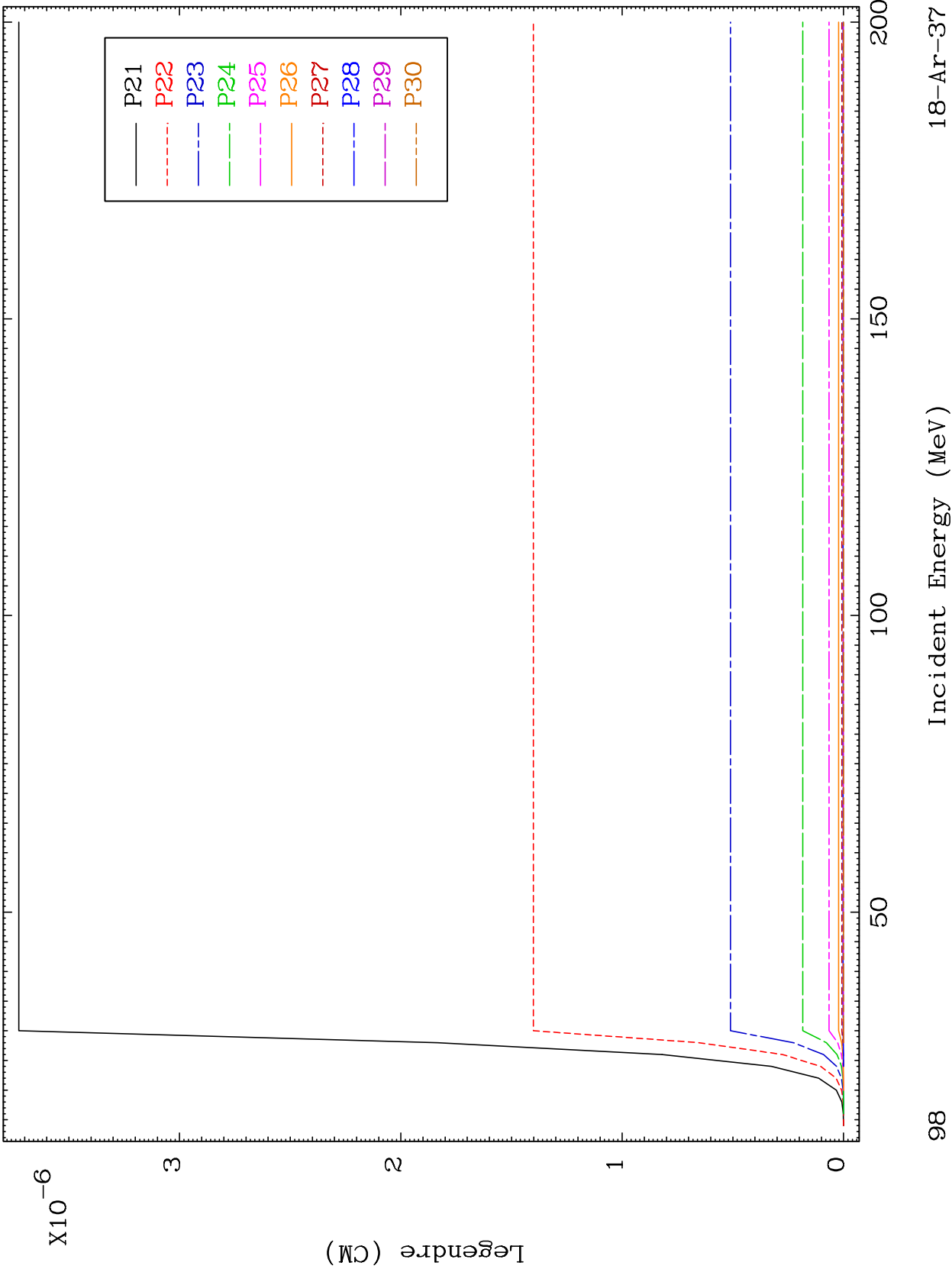
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



98

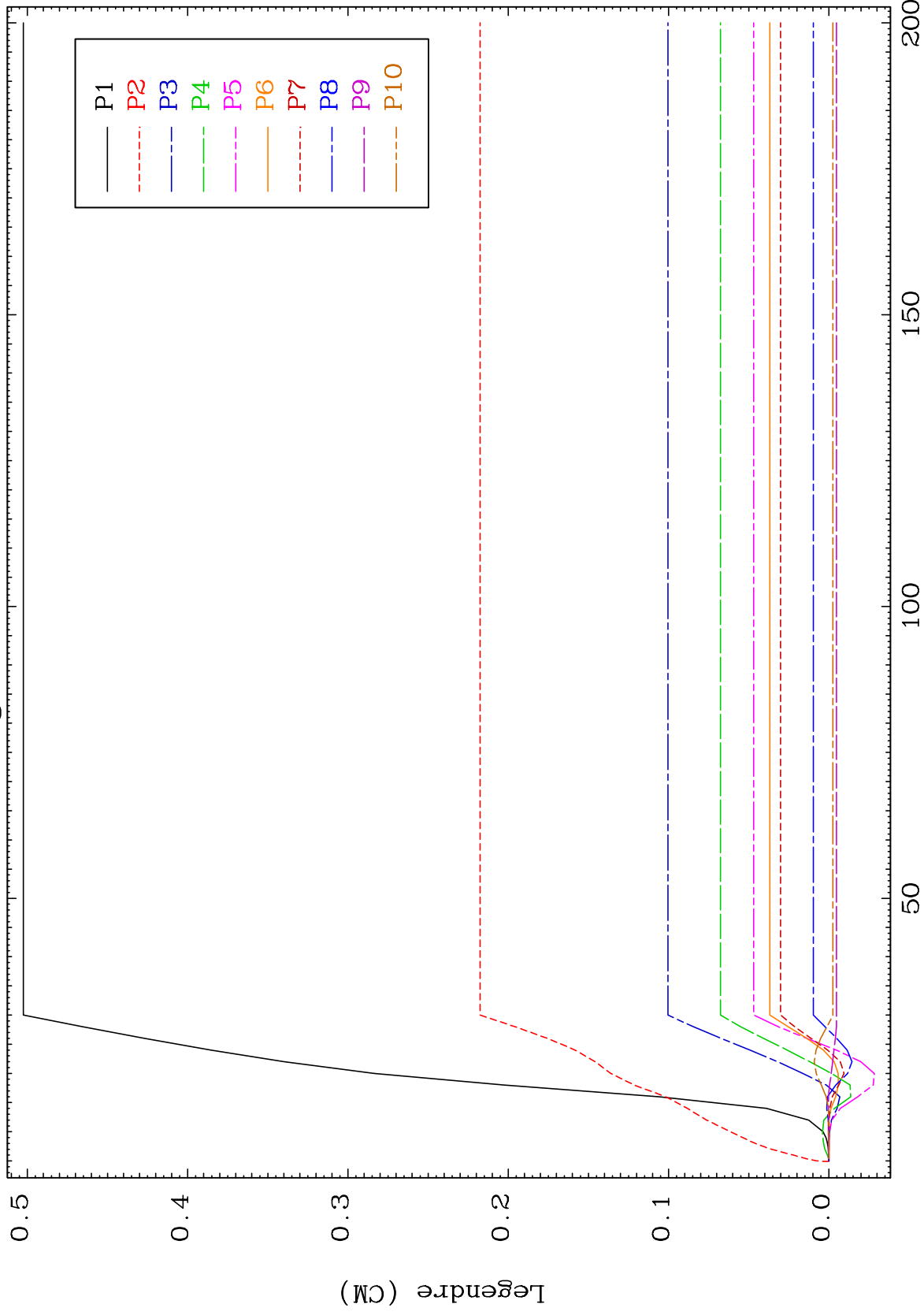
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



99

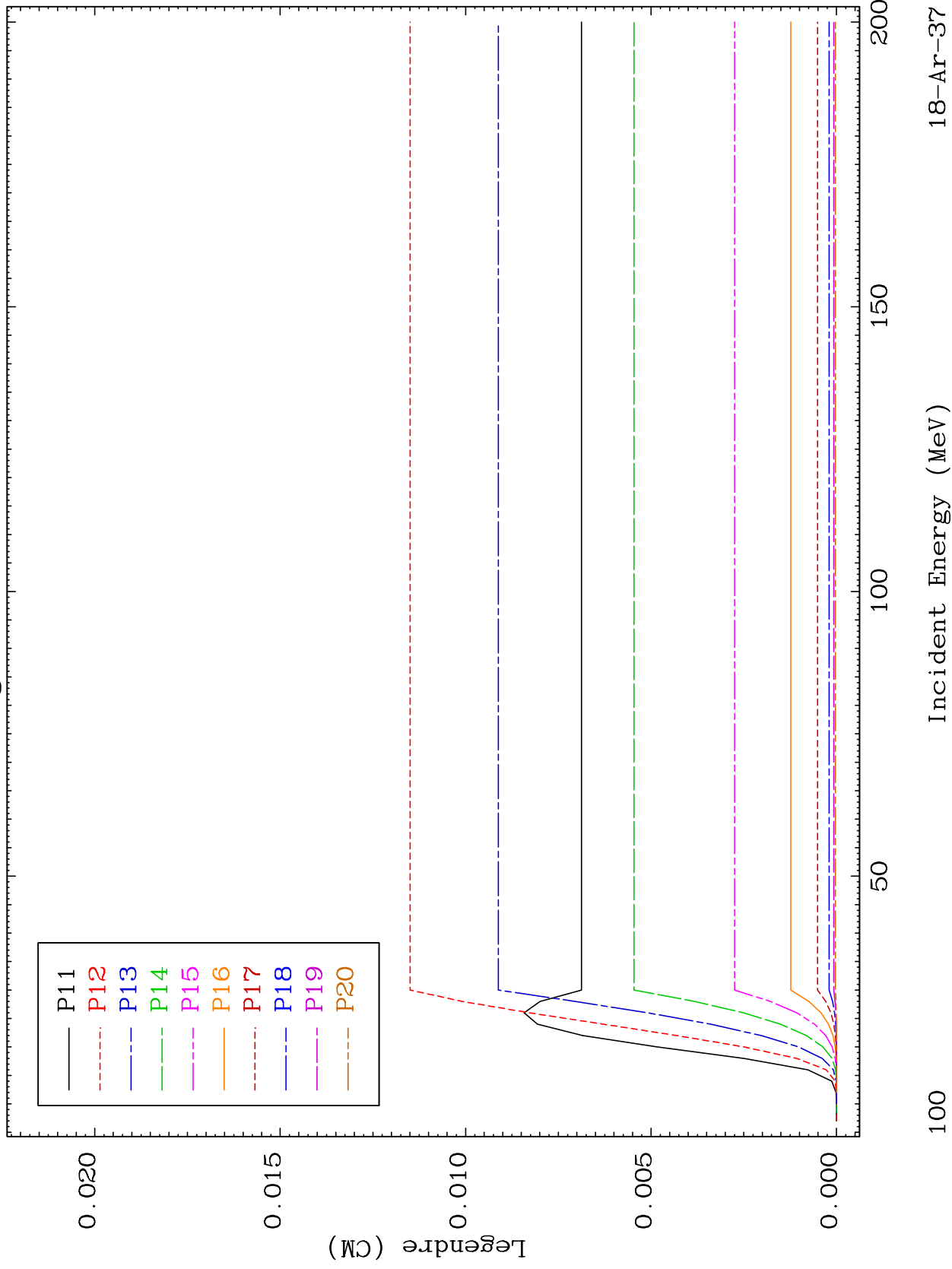
Incident Energy (MeV)

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

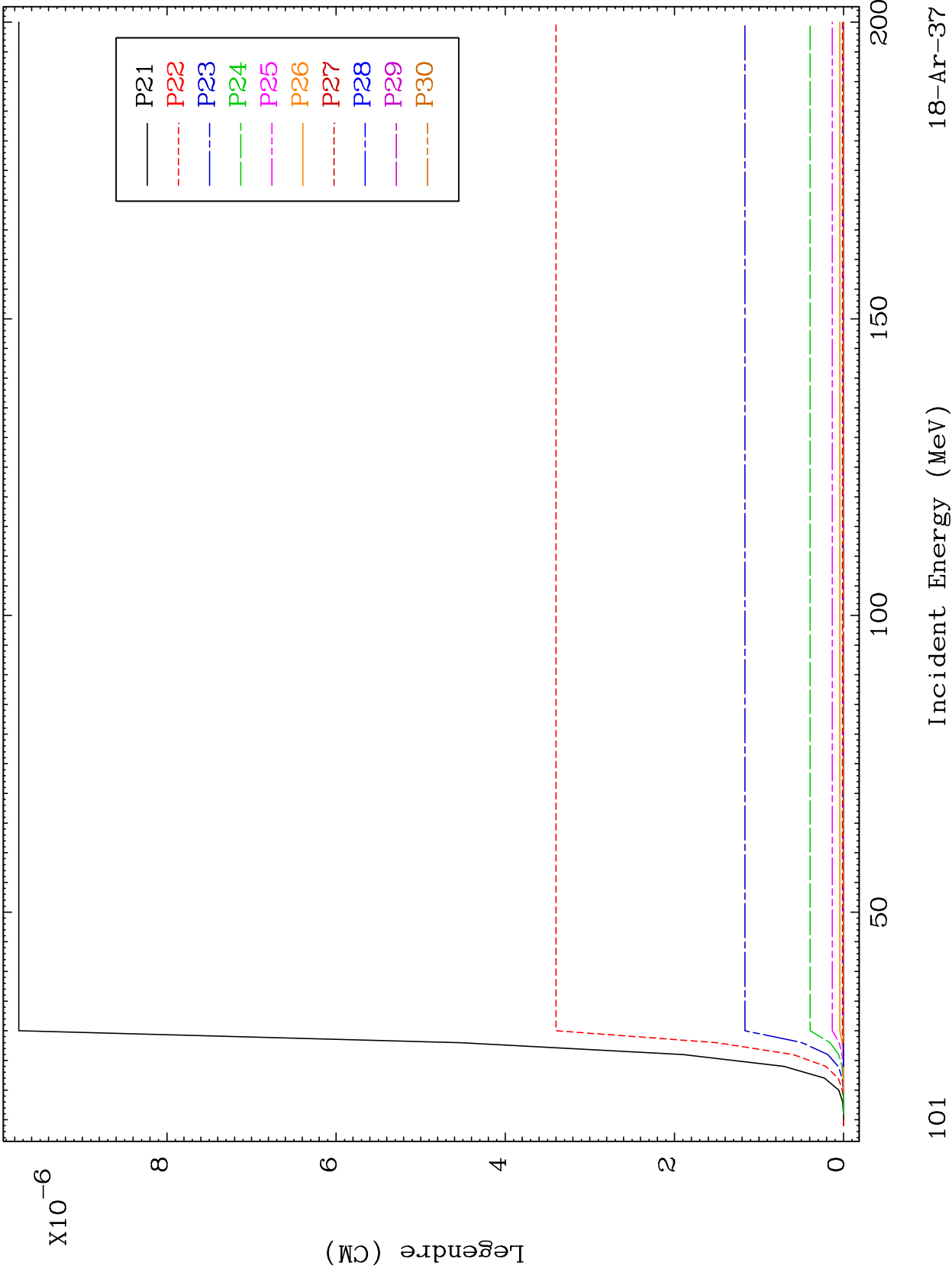
0.000

Legendre (CM)

MAT 1828

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

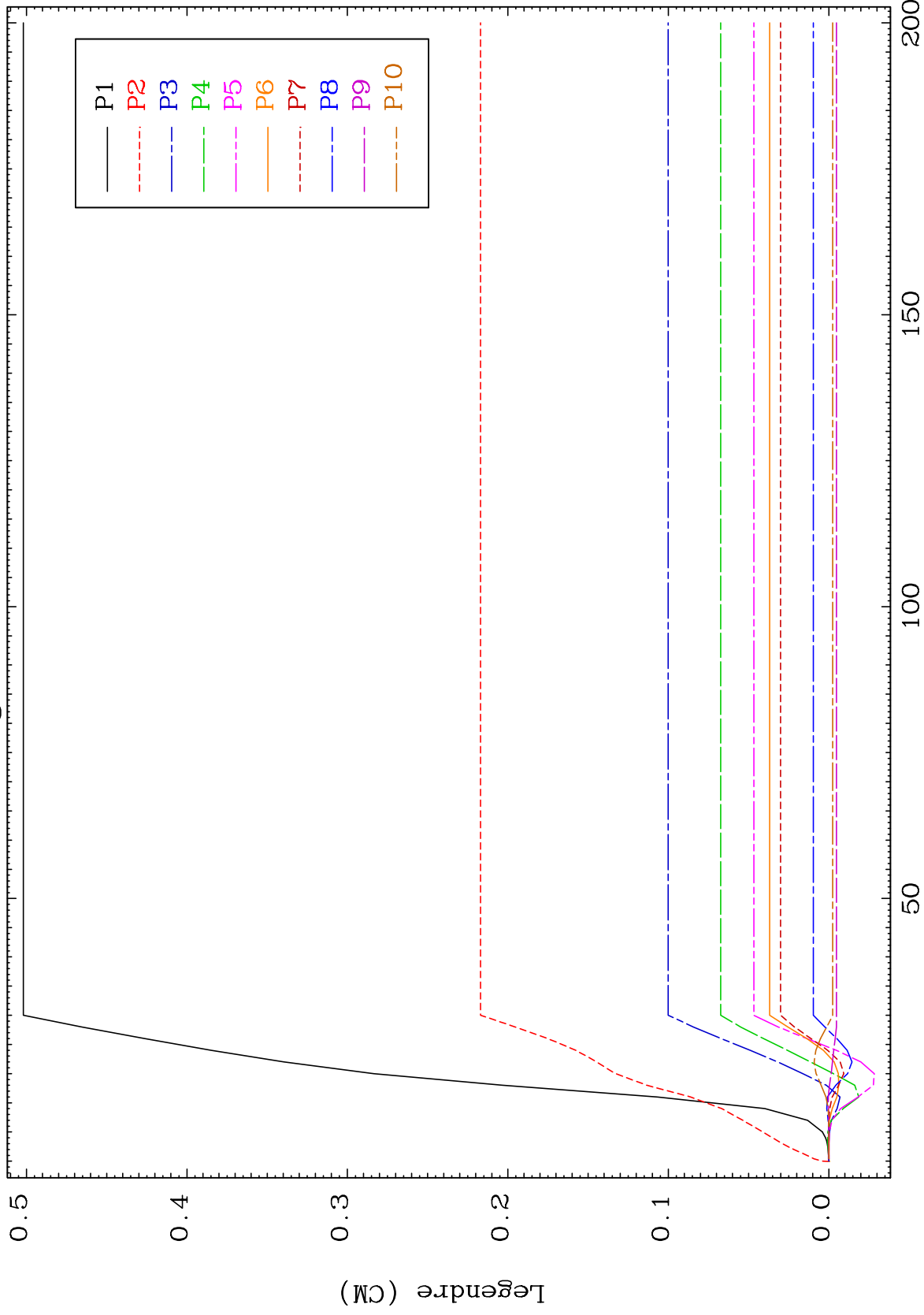
18-Ar-37



MAT 1828

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

18-Ar-37



102

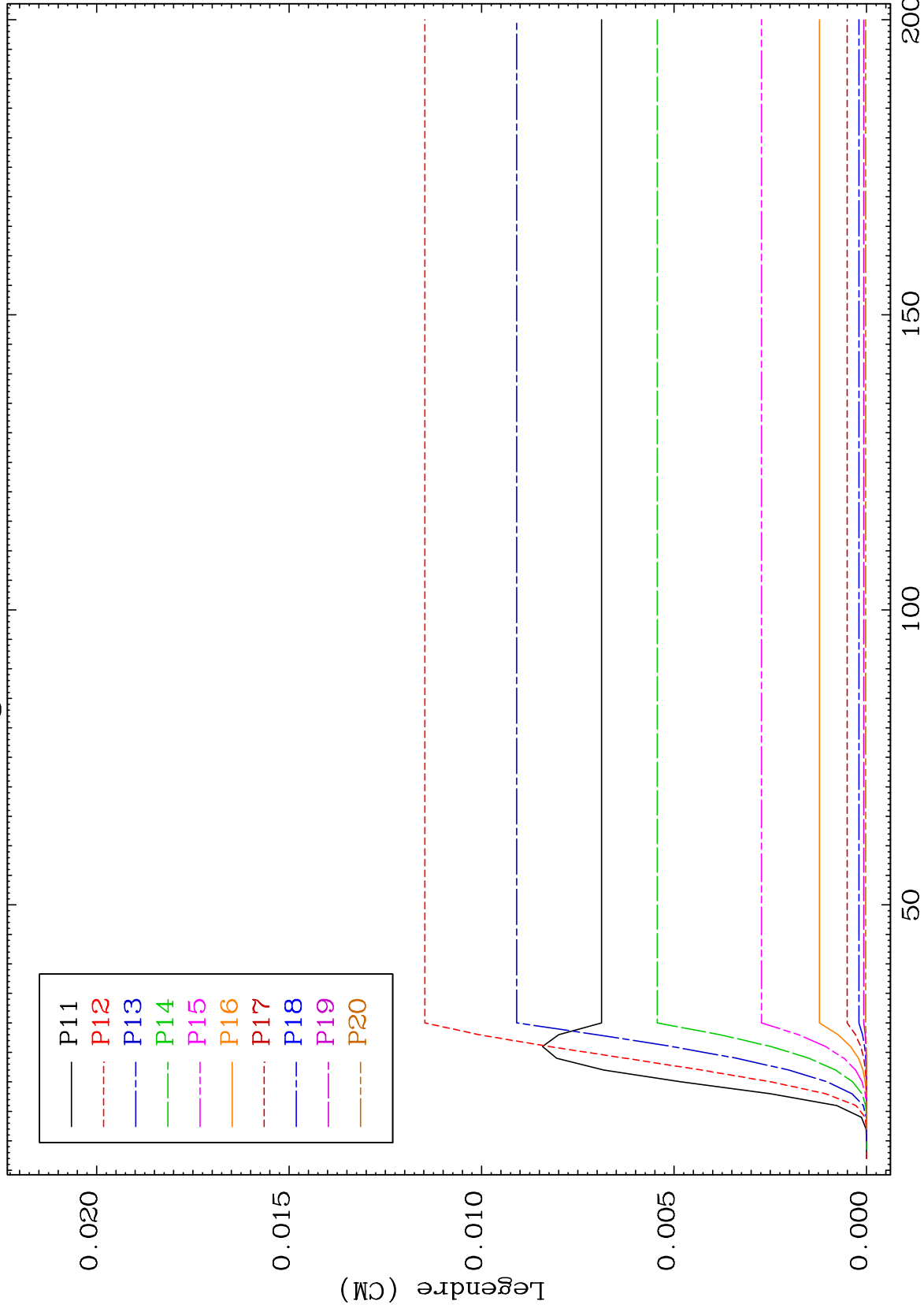
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37



103

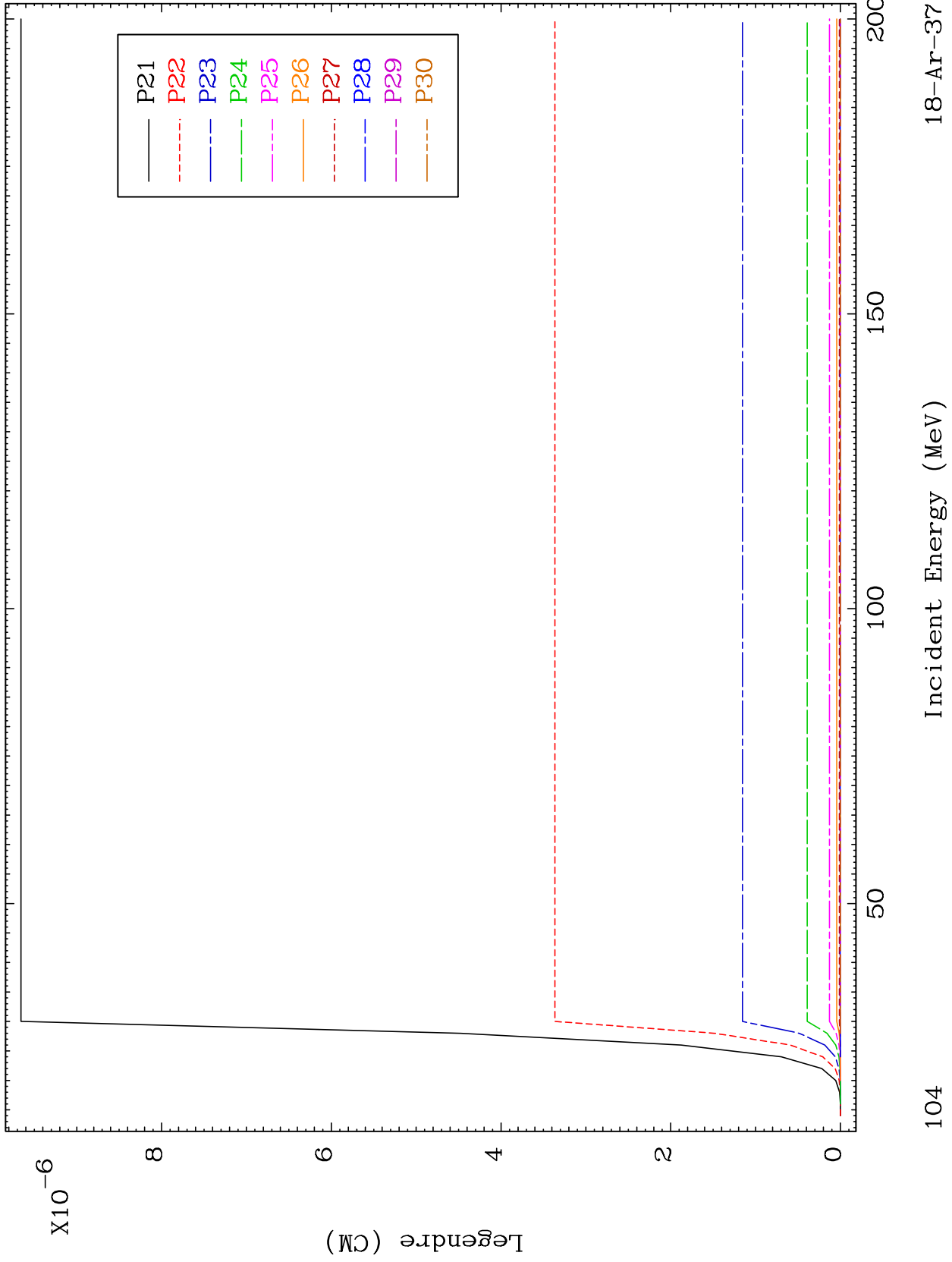
Incident Energy (MeV)

18-Ar-37

MAT 1828

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

18-Ar-37

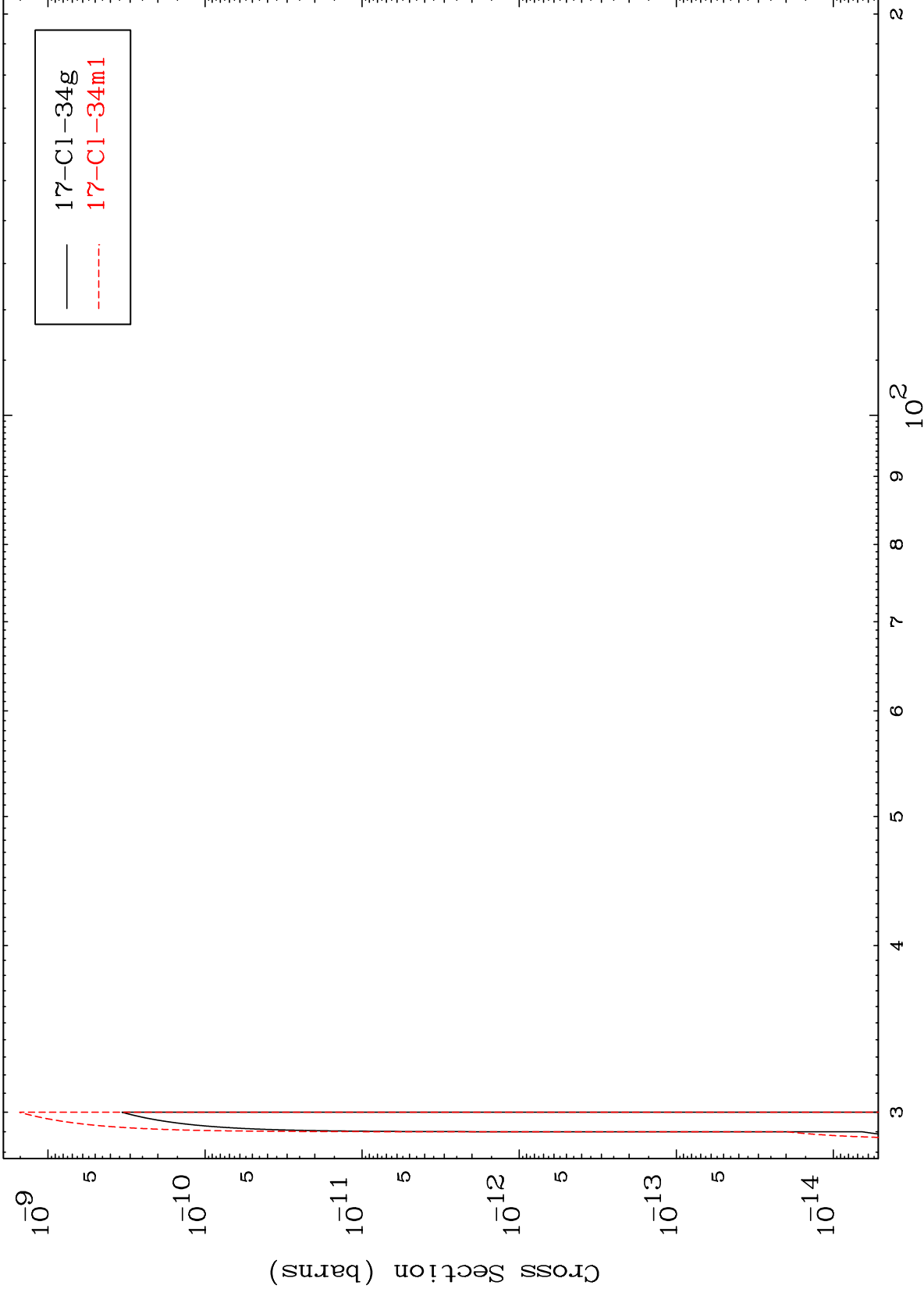


MAT 1828

(n,2n) d

18-Ar-37

Radionuclide Production Cross Section



105

Incident Energy (MeV)

18-Ar-37

Radionuclide Production Cross Section

