

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

Web:redcullen1.net/HOMEPAGE.NEW

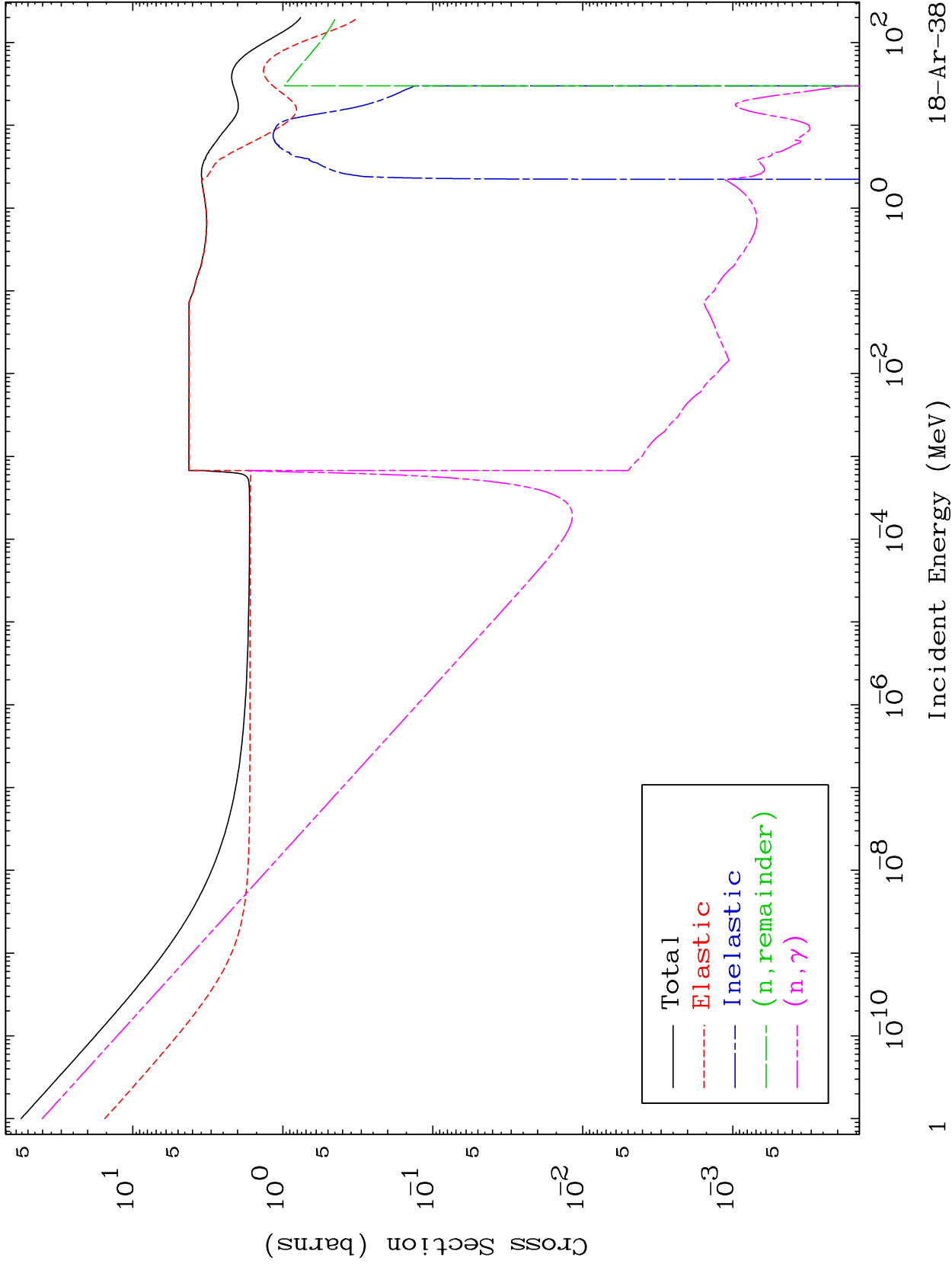
Press Mouse Button to Start

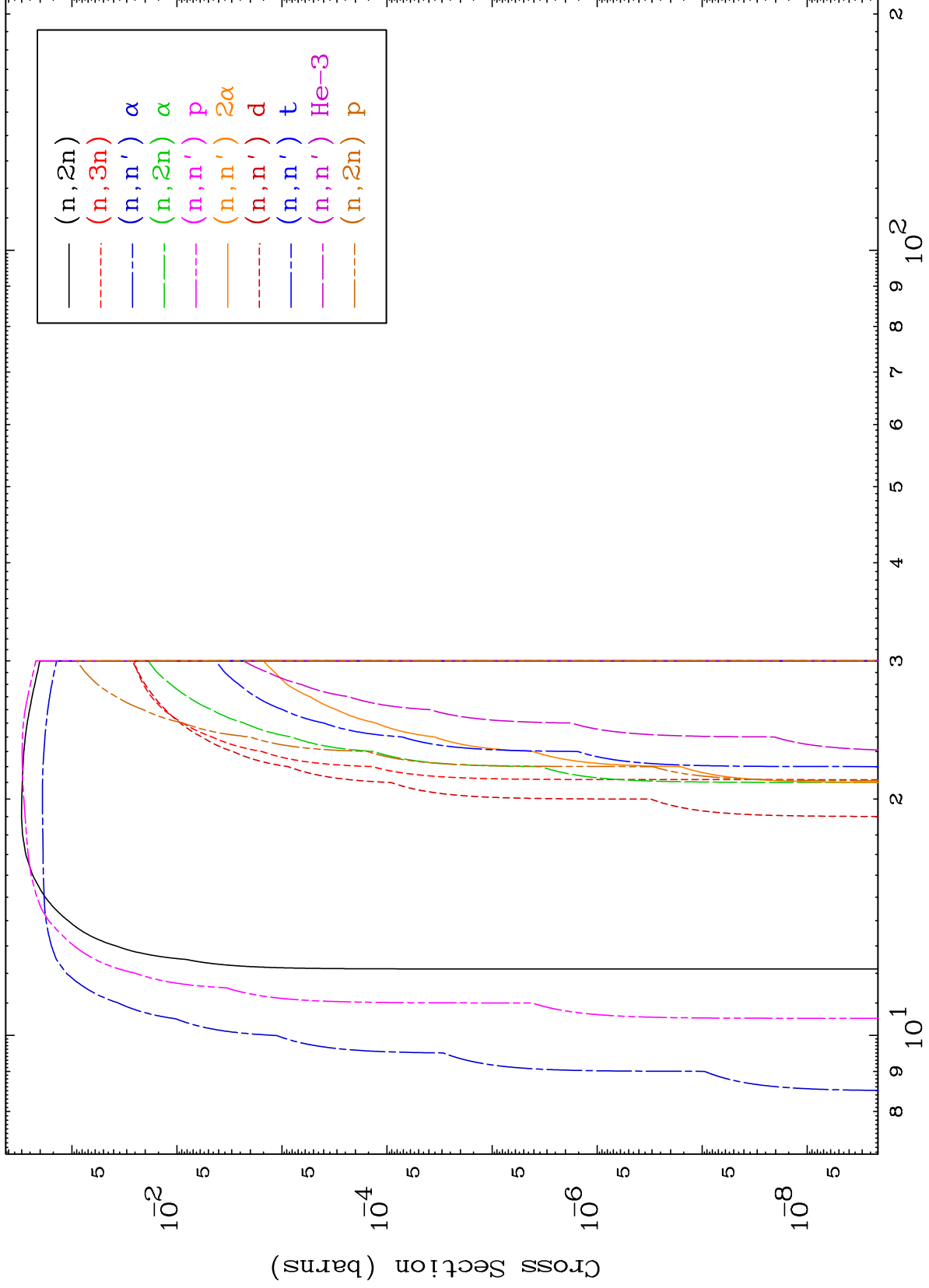
MAT 1831

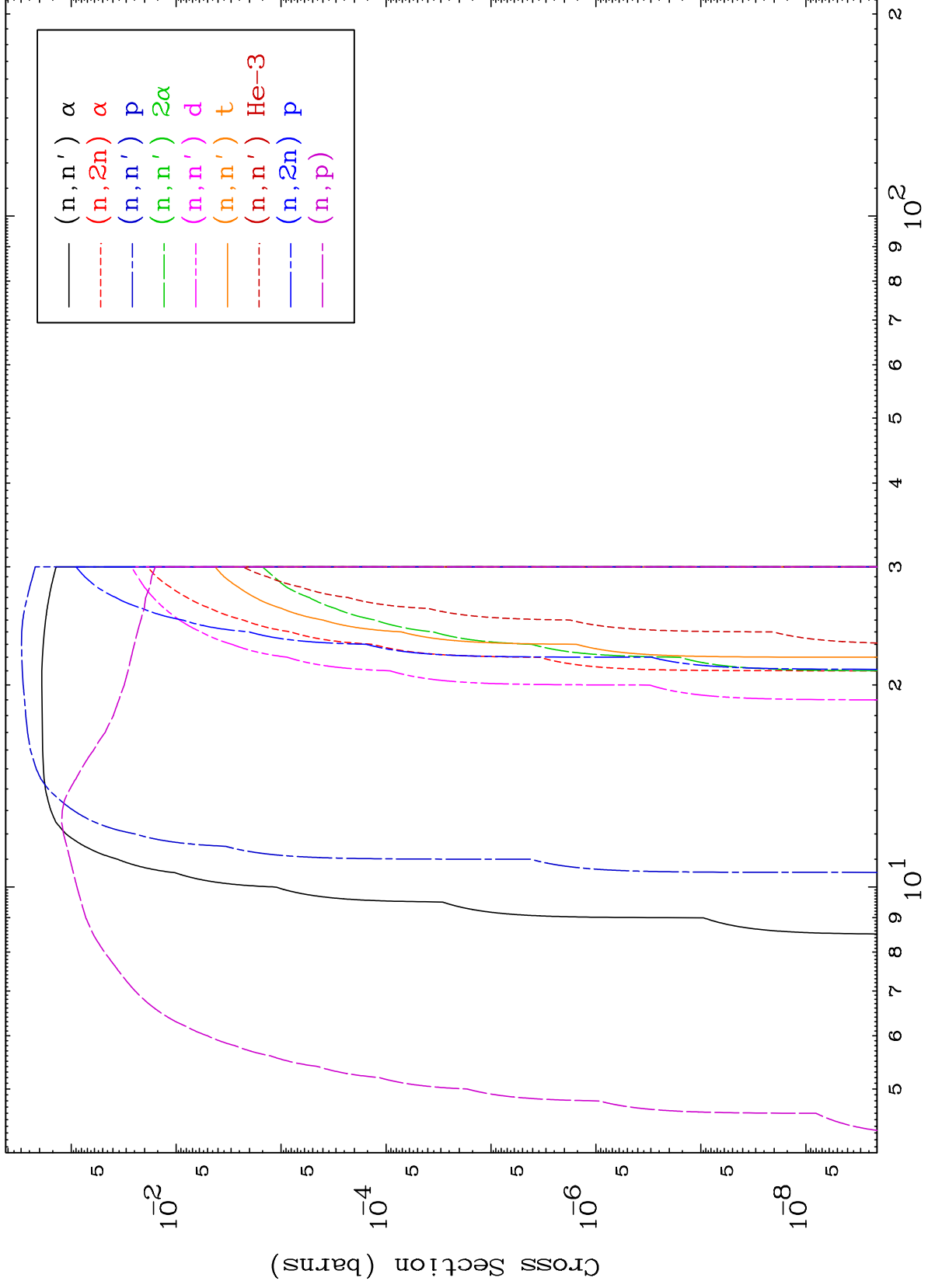
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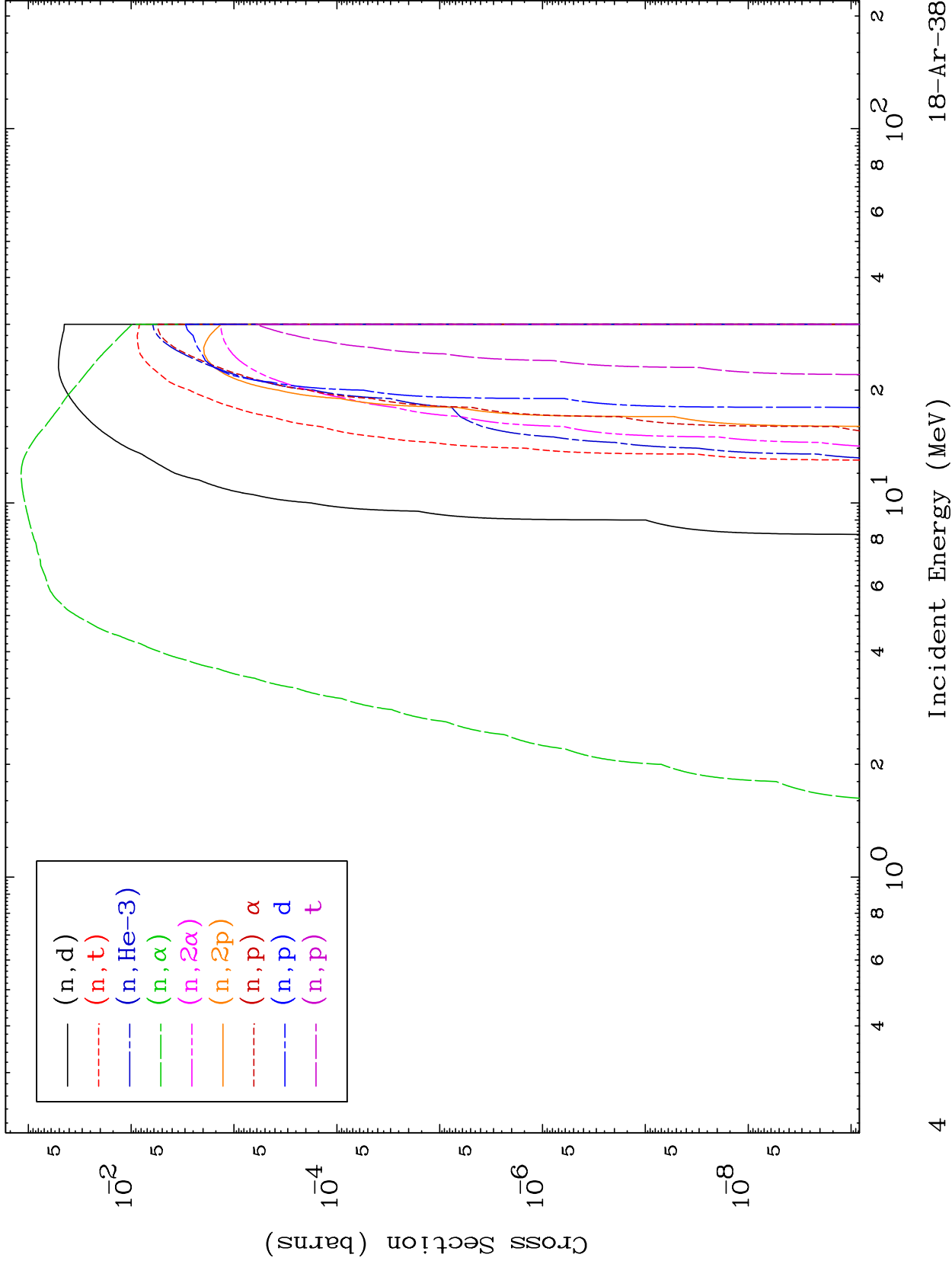
293 Kelvin Cross Sections

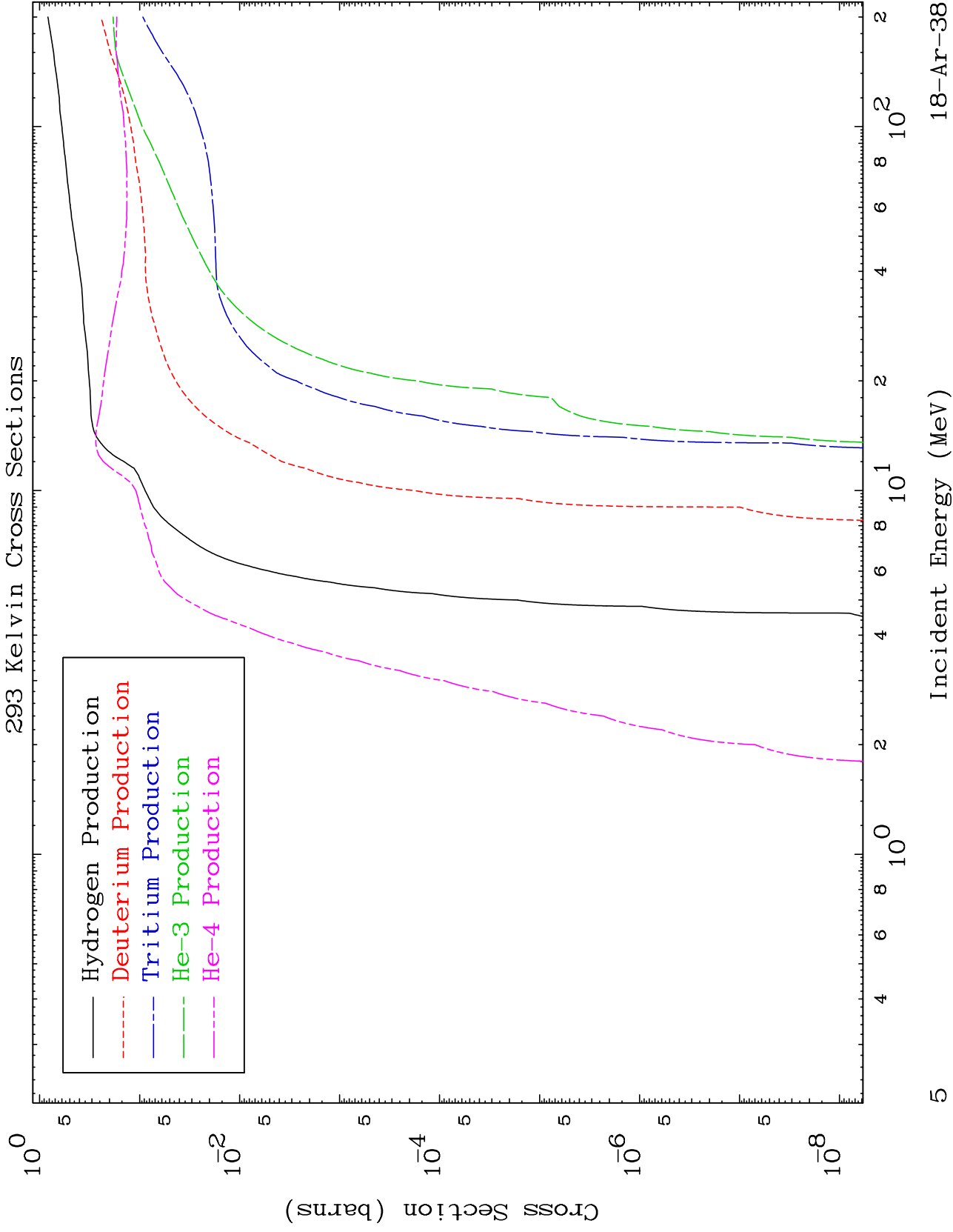
18-Ar-38









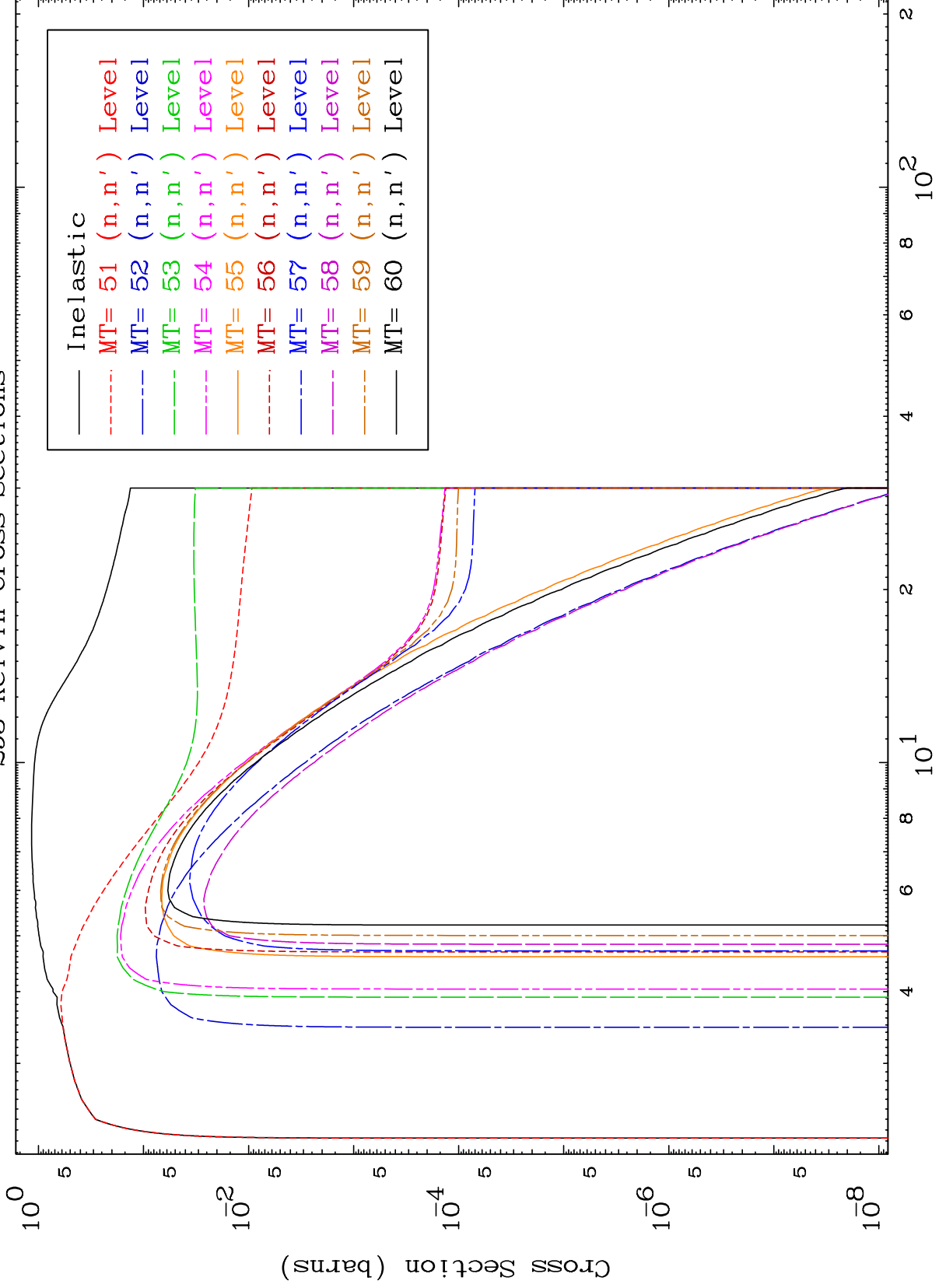


MAT 1831

(n,n') Level

18-Ar-38

293 Kelvin Cross Sections



6

Incident Energy (MeV)

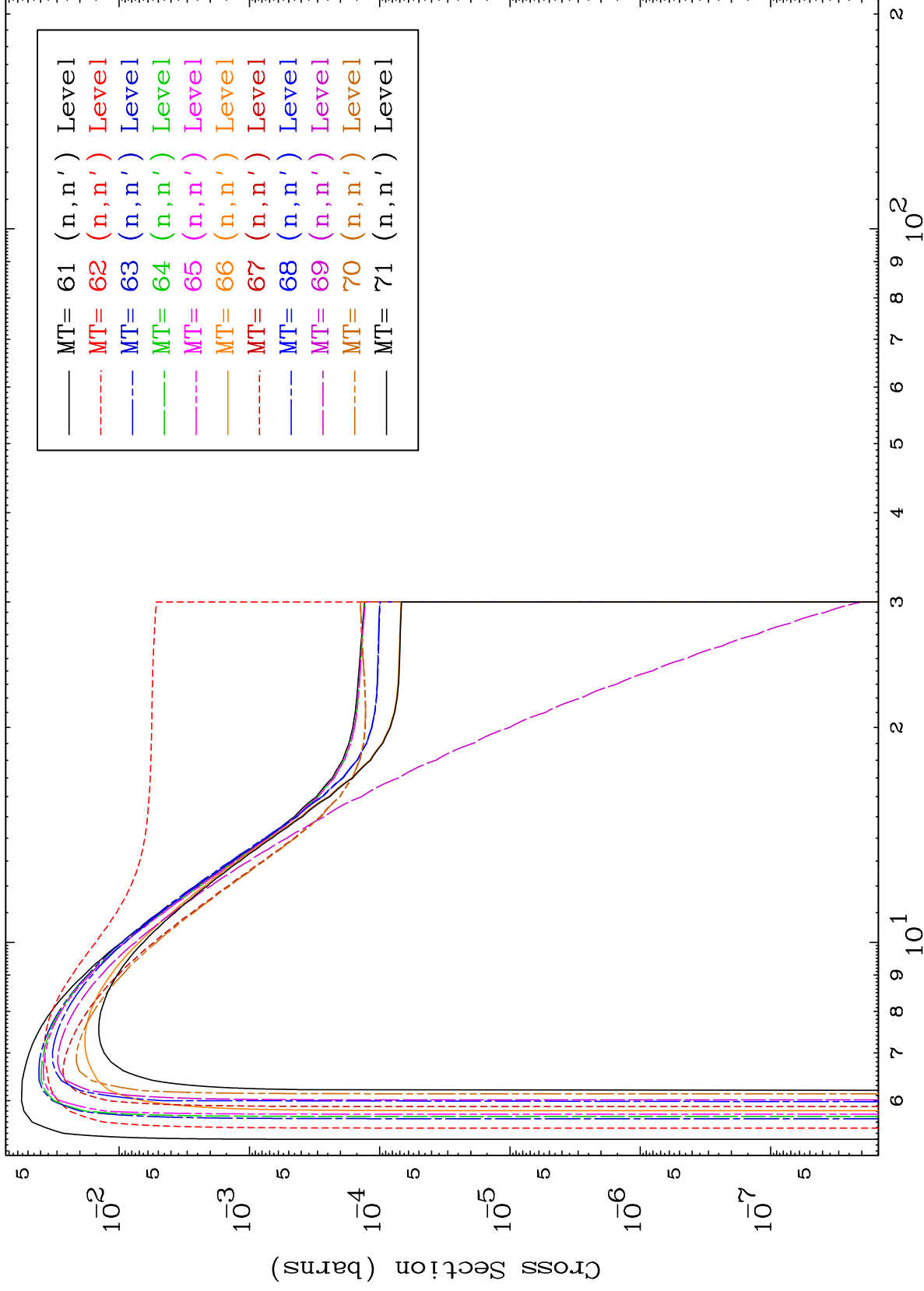
18-Ar-38

MAT 1831

(n,n') Level

18-Ar-38

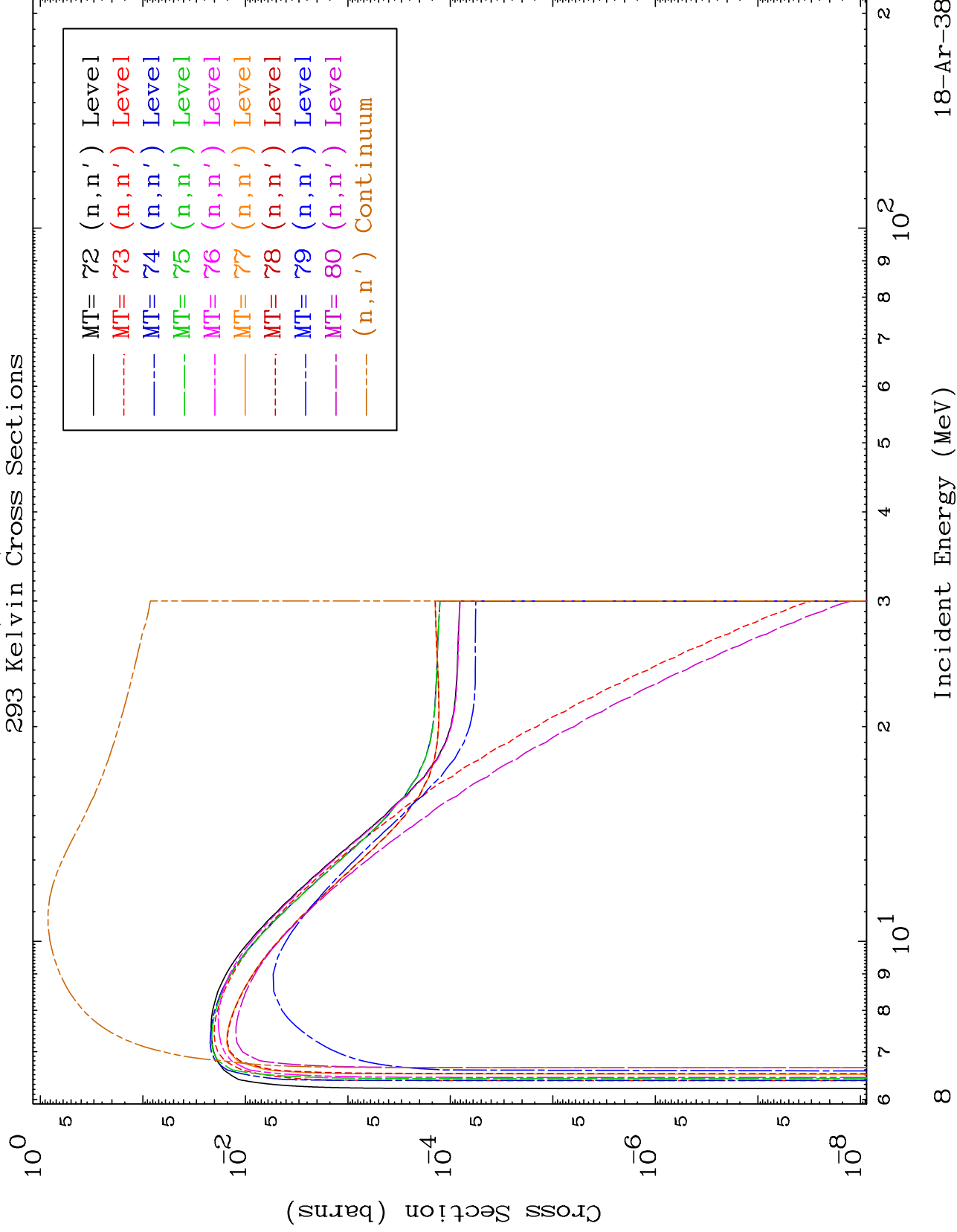
293 Kelvin Cross Sections



7

Incident Energy (MeV)

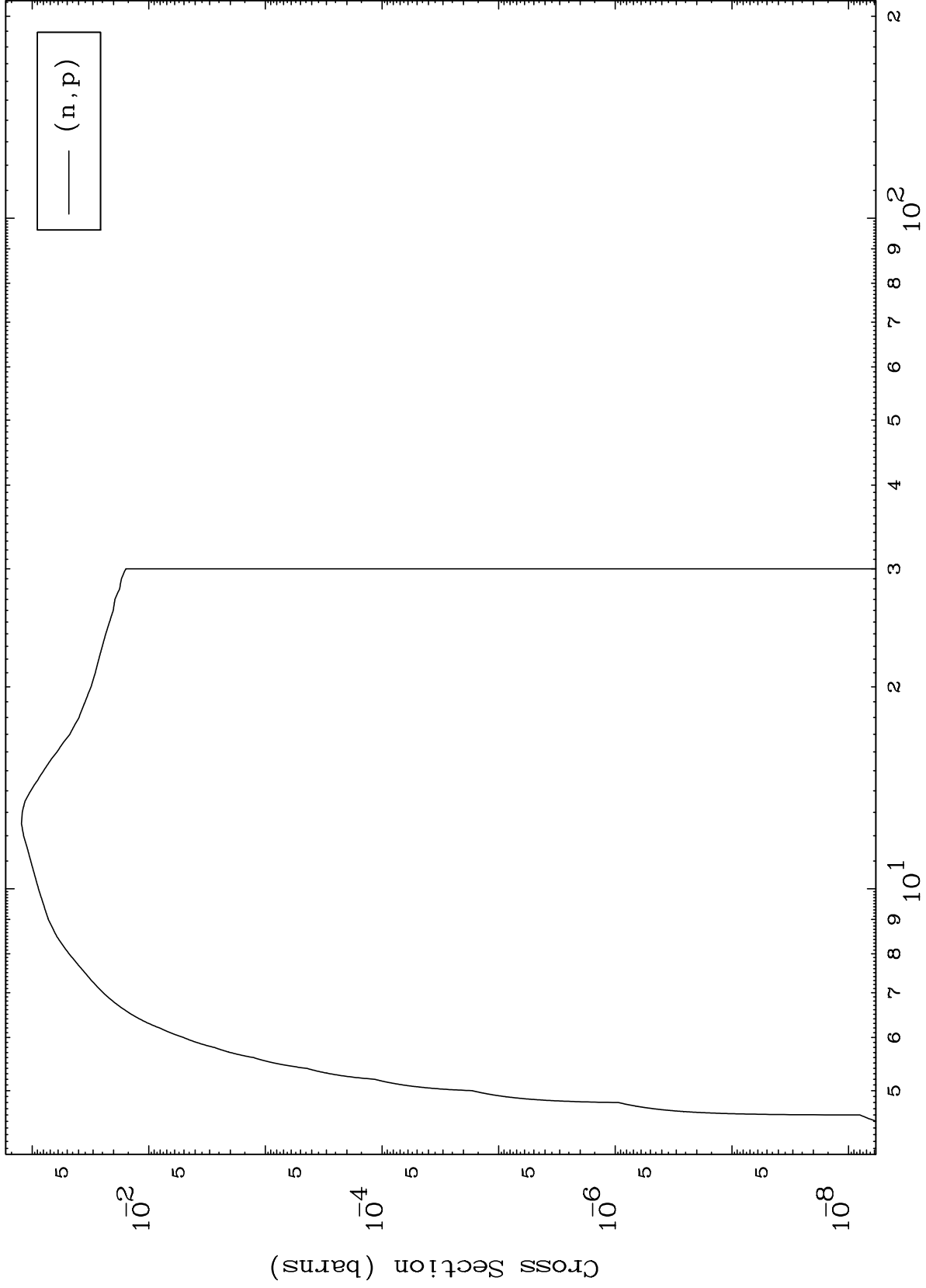
18-Ar-38



MAT 1831

(n,p) Levels
293 Kelvin Cross Sections

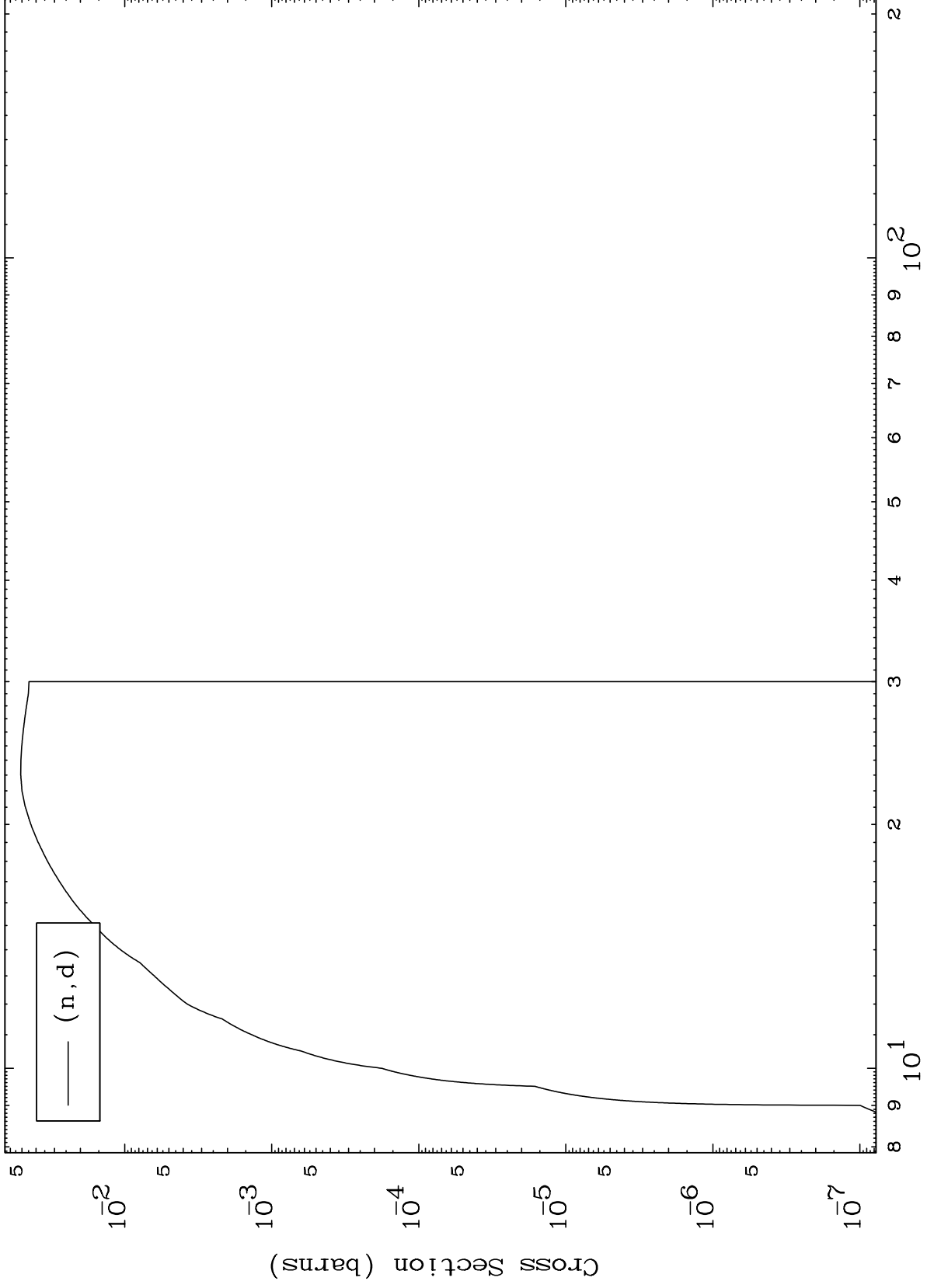
18-Ar-38



MAT 1831

(n,d) Levels
293 Kelvin Cross Sections

18-Ar-38



10

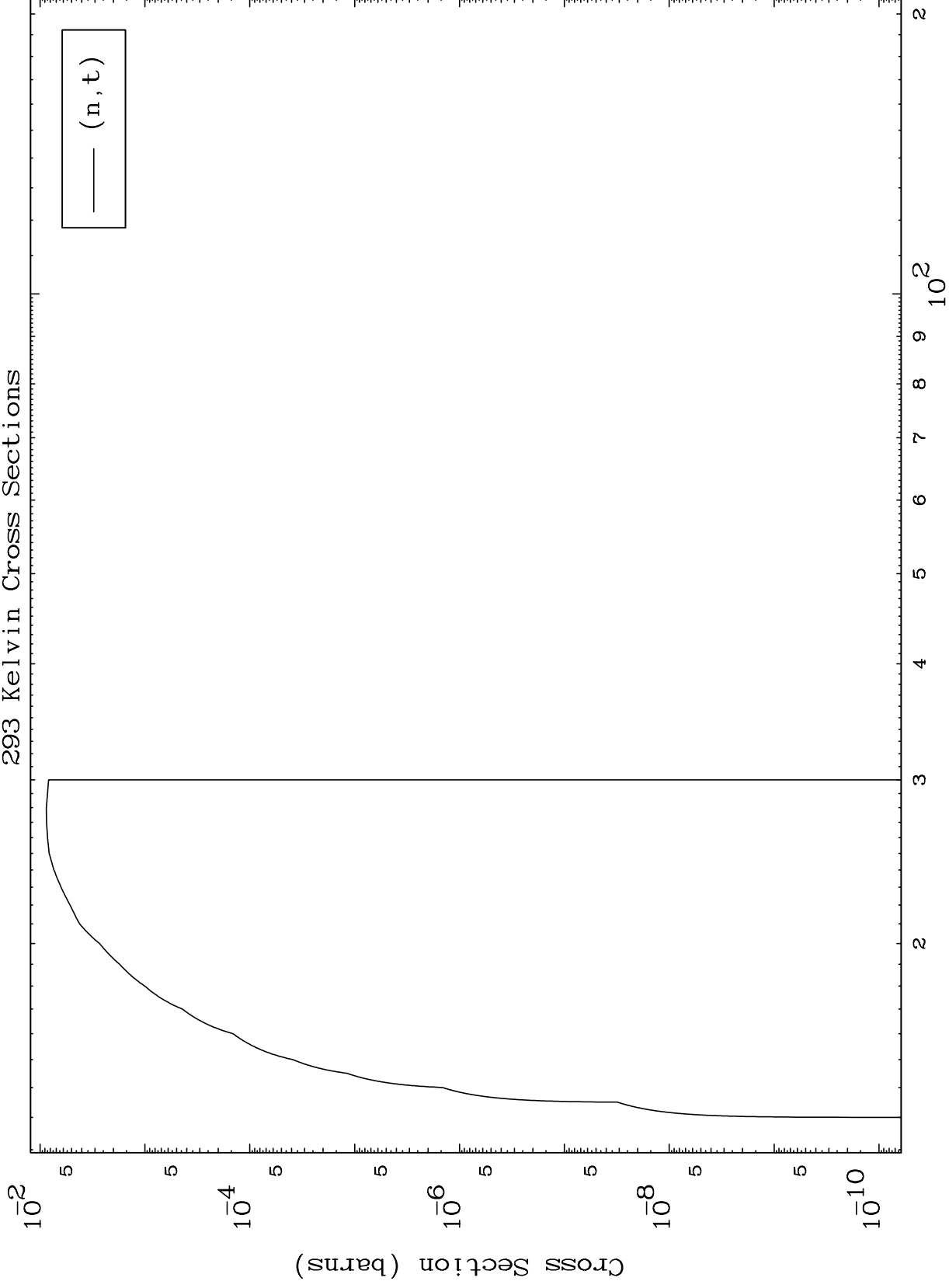
Incident Energy (MeV)

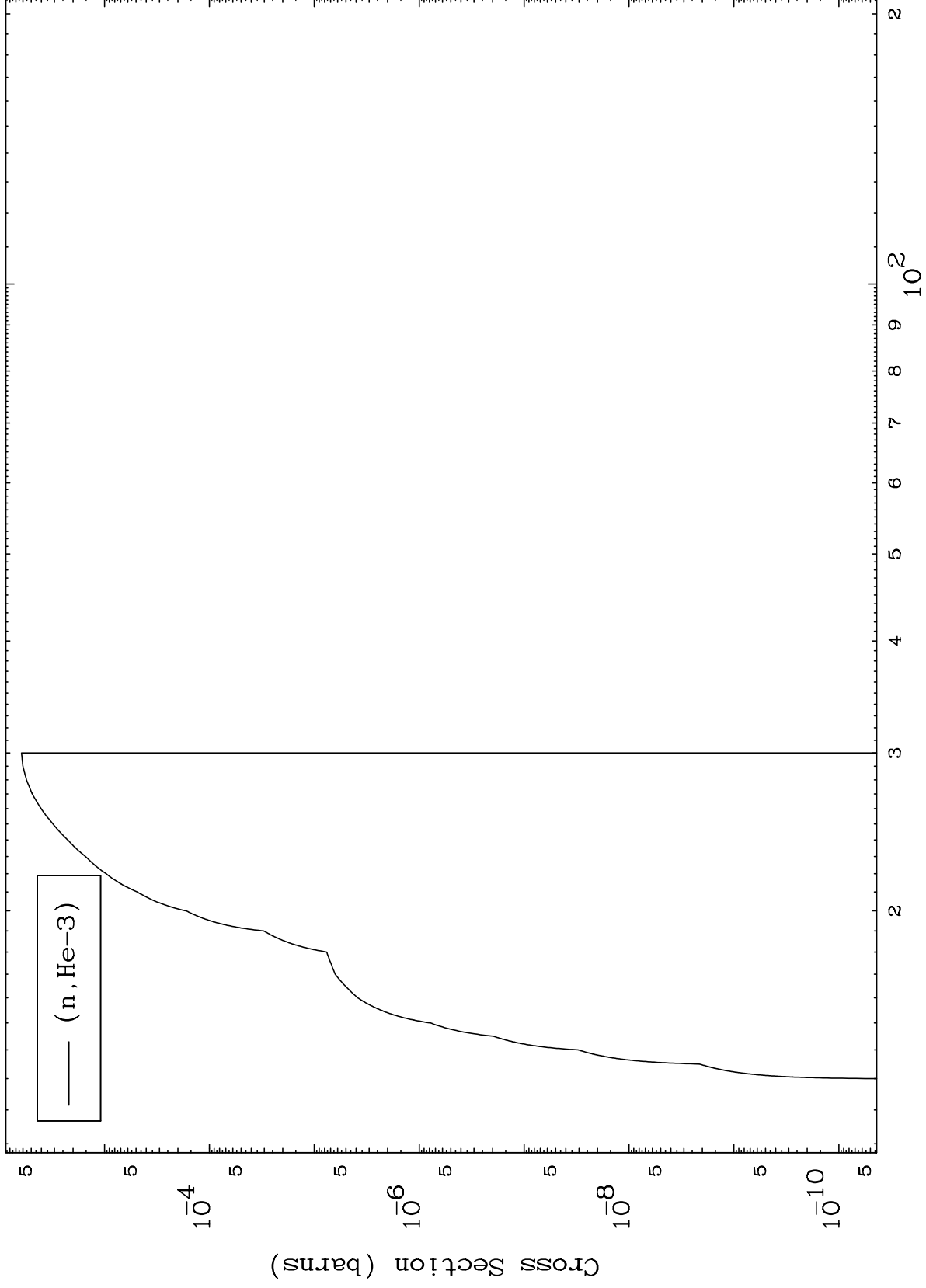
18-Ar-38

MAT 1831

(n,t) Levels
293 Kelvin Cross Sections

18-Ar-38

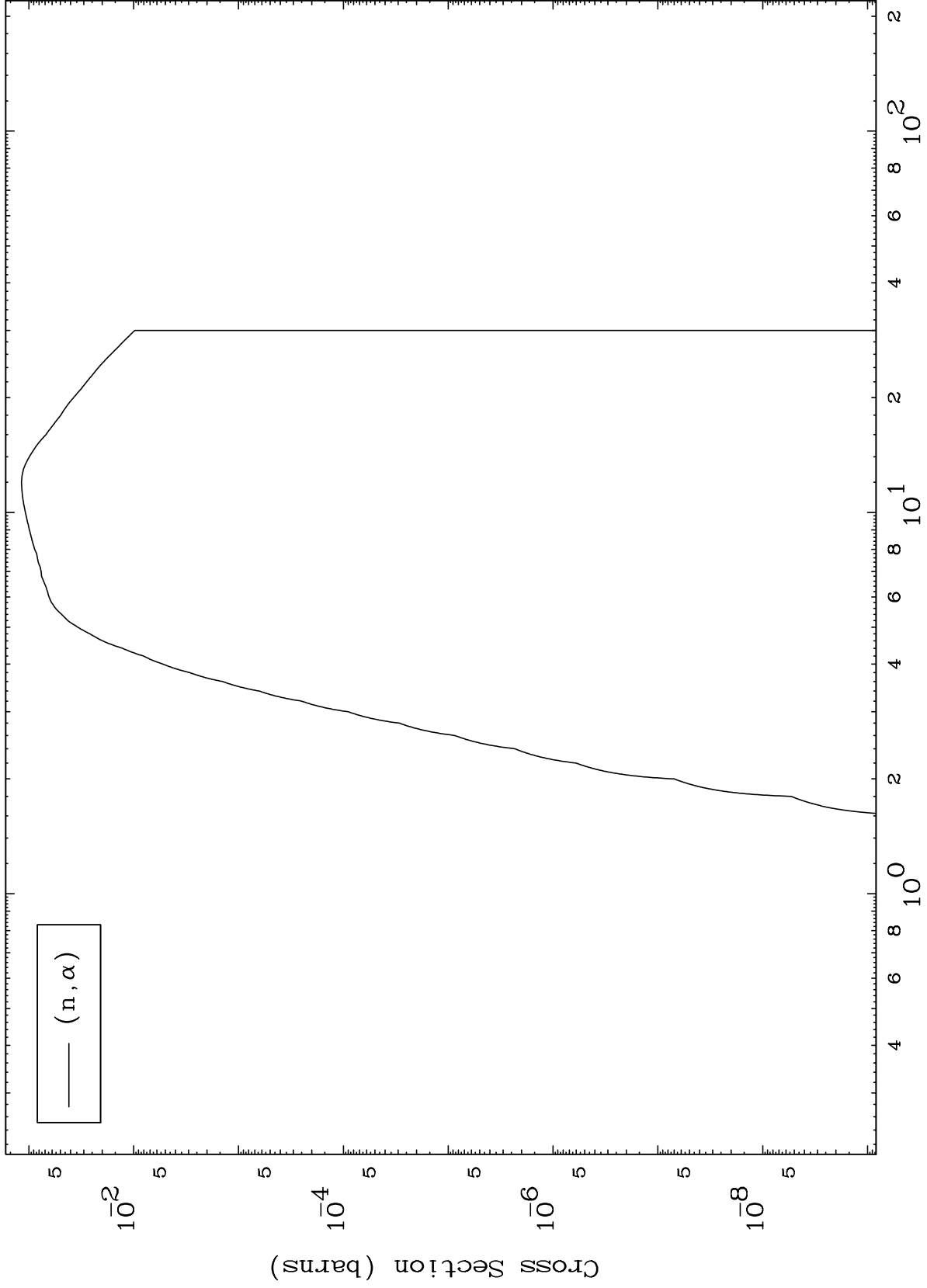




MAT 1831

(n, α) Levels
293 Kelvin Cross Sections

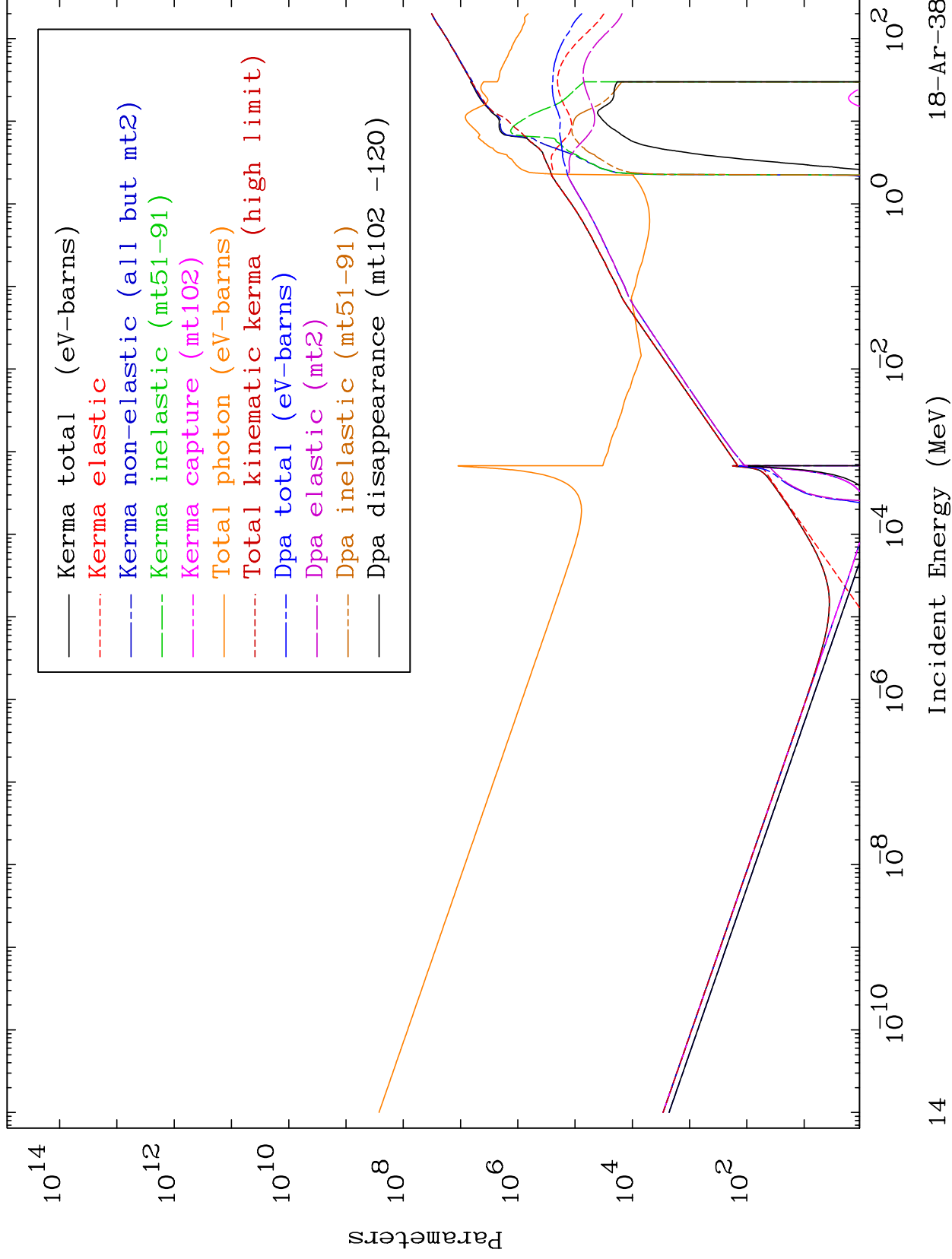
18-Ar-38



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Incident Energy (MeV)

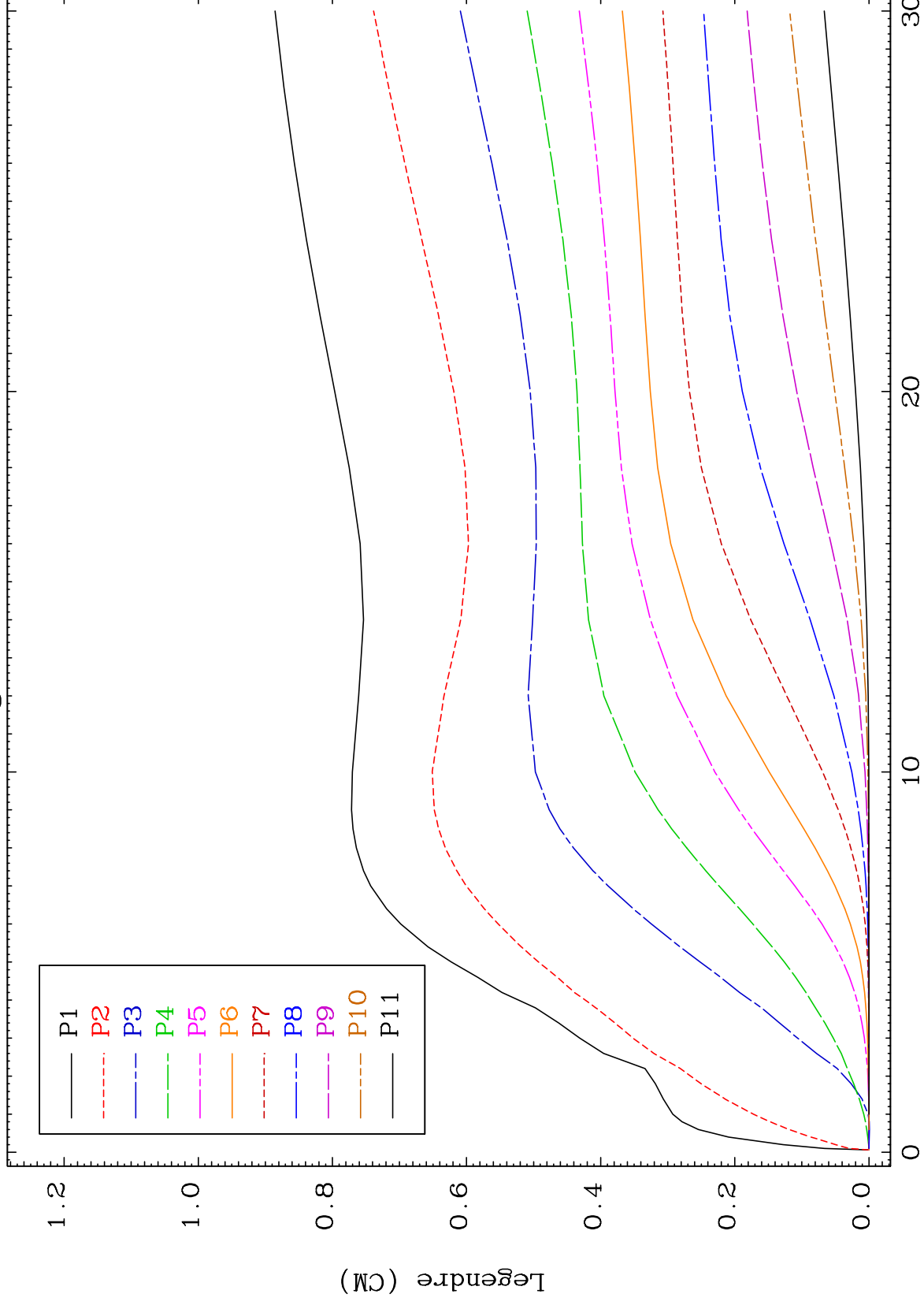
18-Ar-38



MAT 1831

Elastic Legendre Coefficients

18-Ar-38

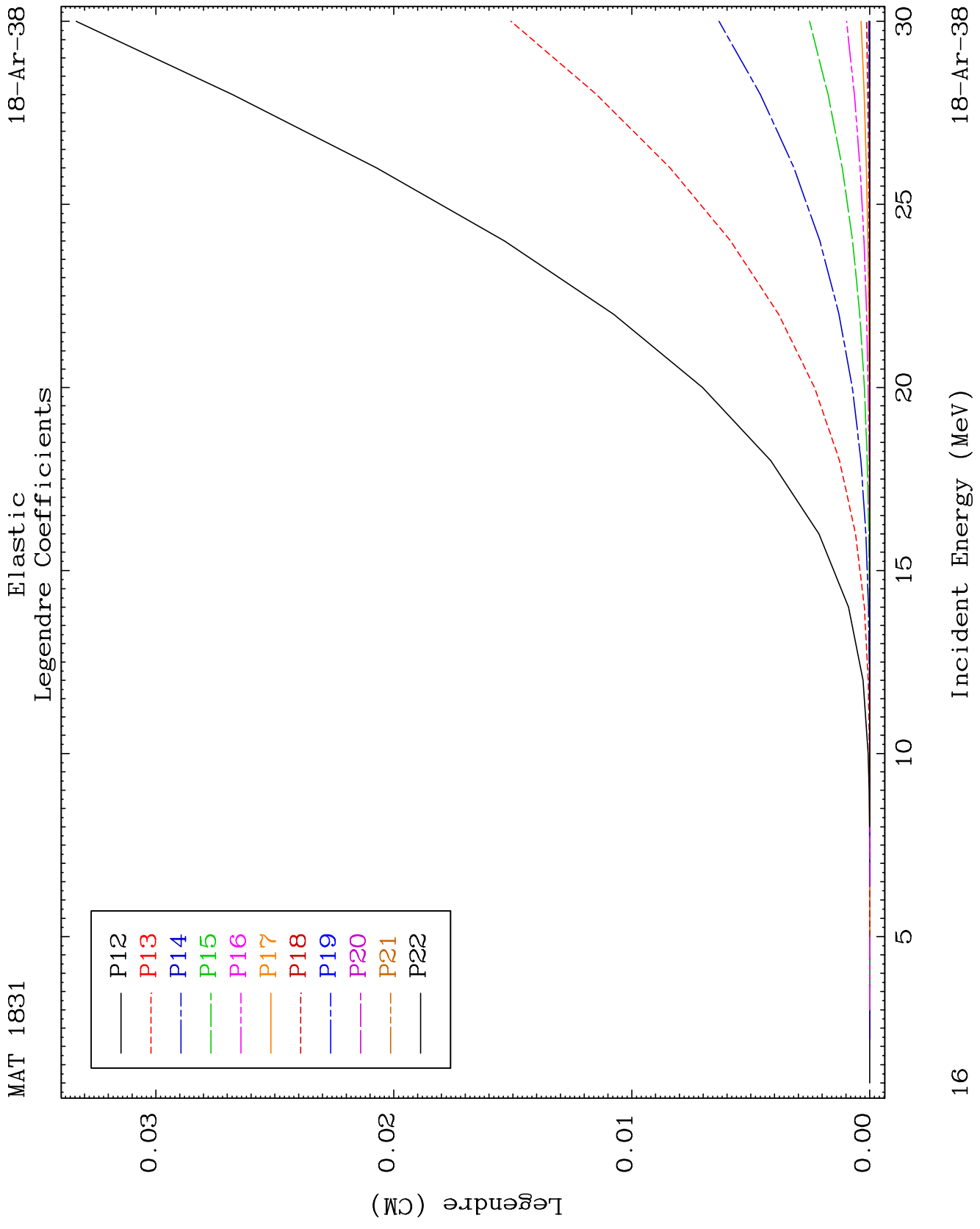


15

Incident Energy (MeV)

18-Ar-38

30



MAT 1831

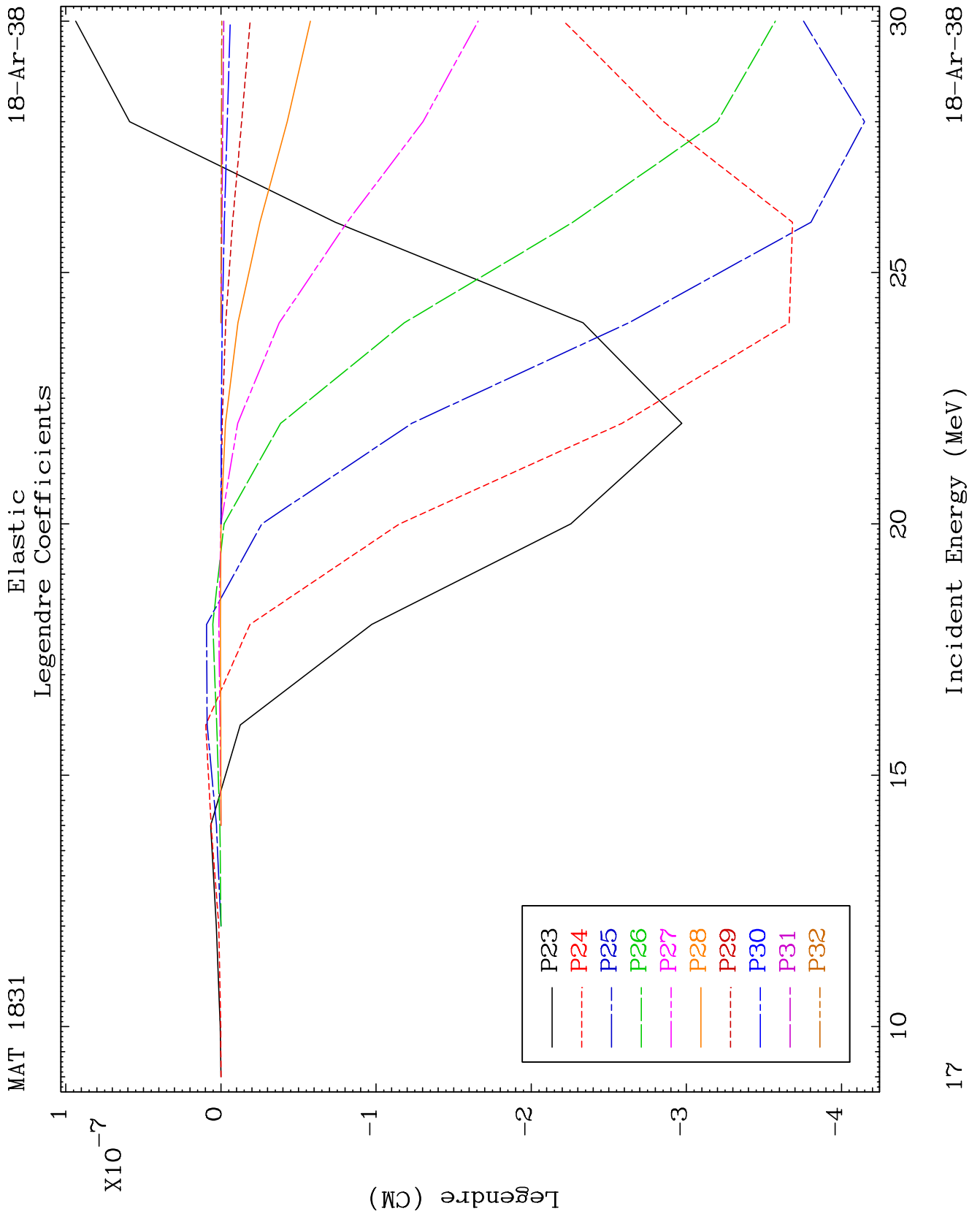
Elastic Legendre Coefficients

18-Ar-38

16

Incident Energy (MeV)

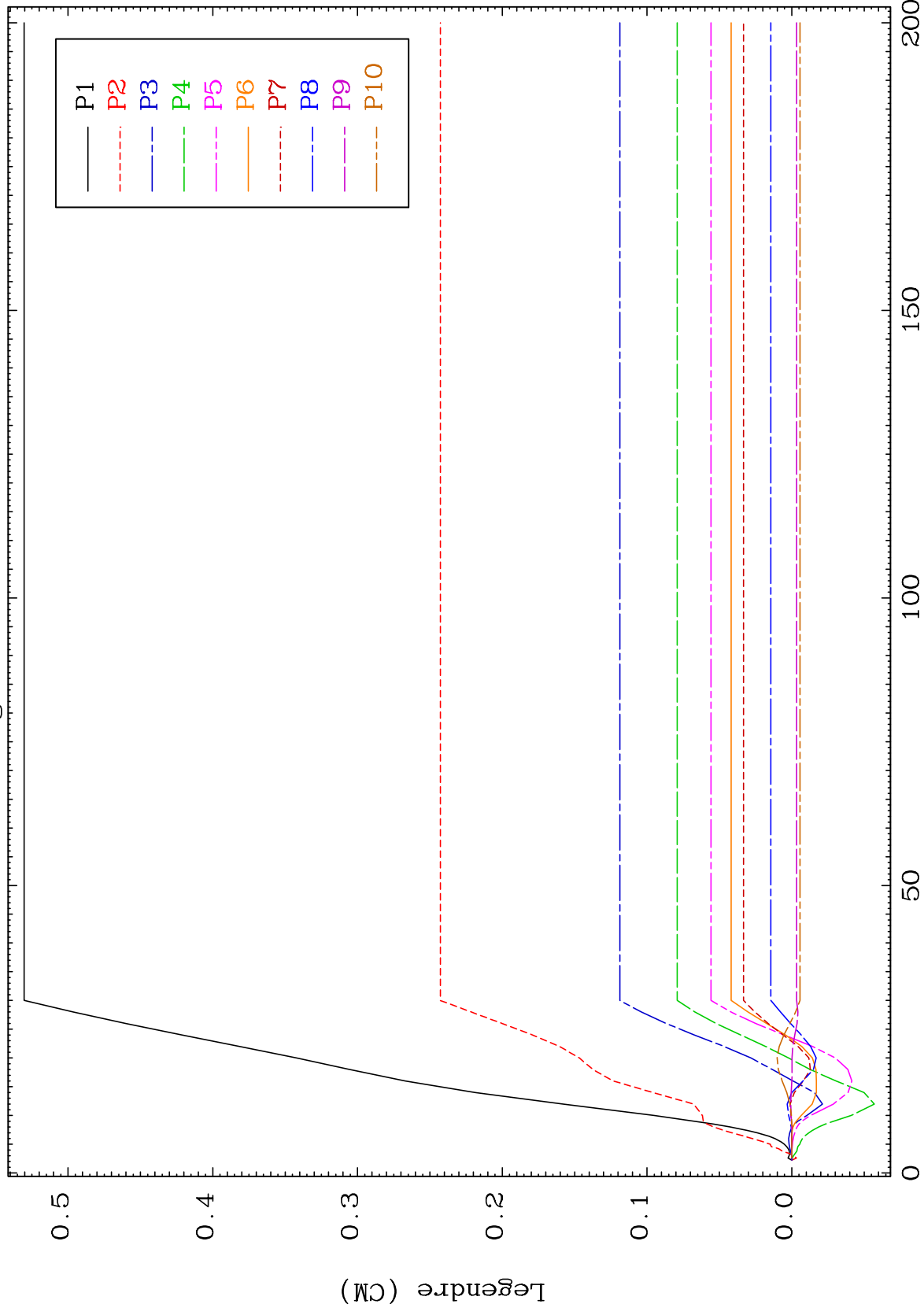
18-Ar-38



MAT 1831

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

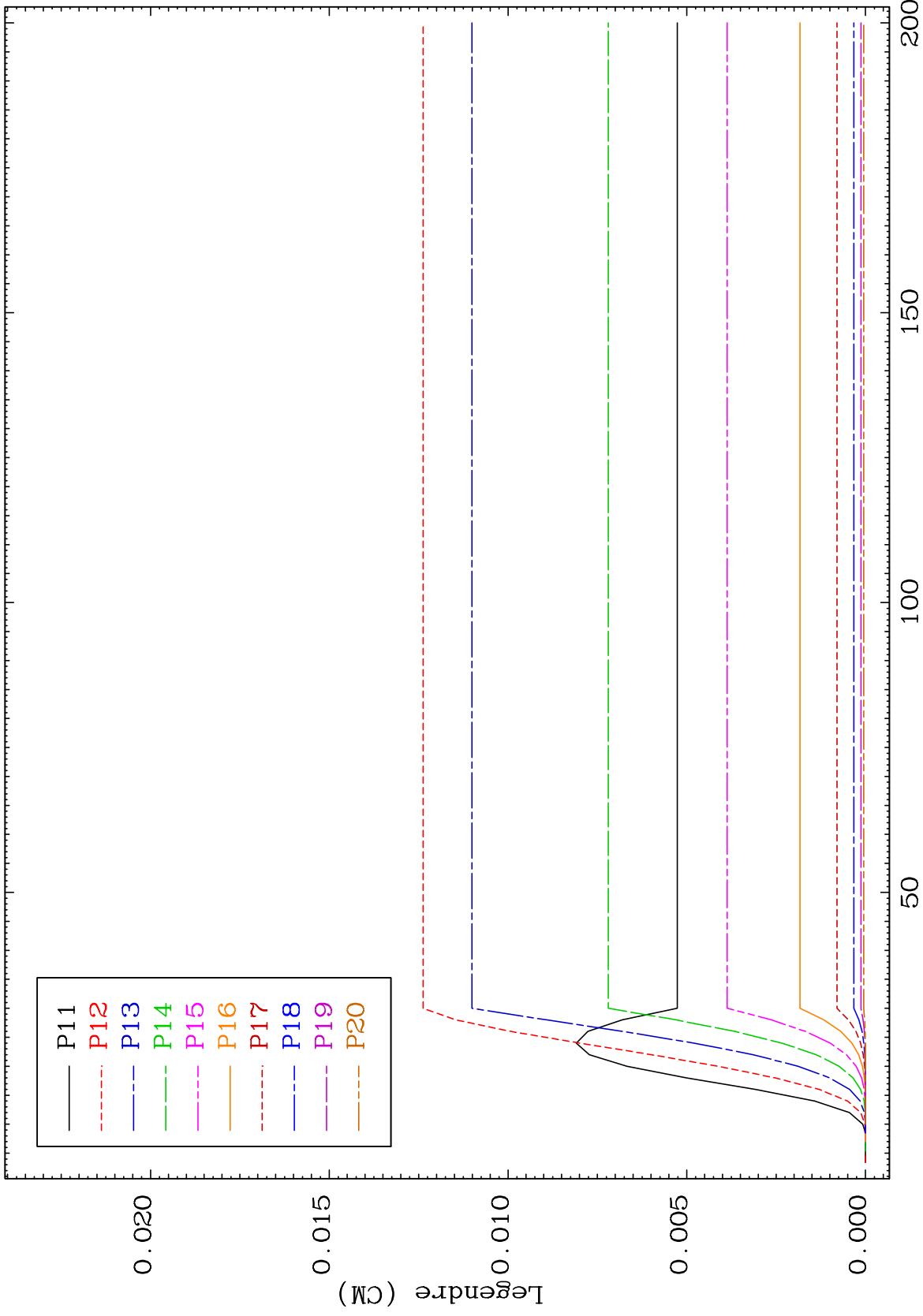
18-Ar-38



18

Incident Energy (MeV)

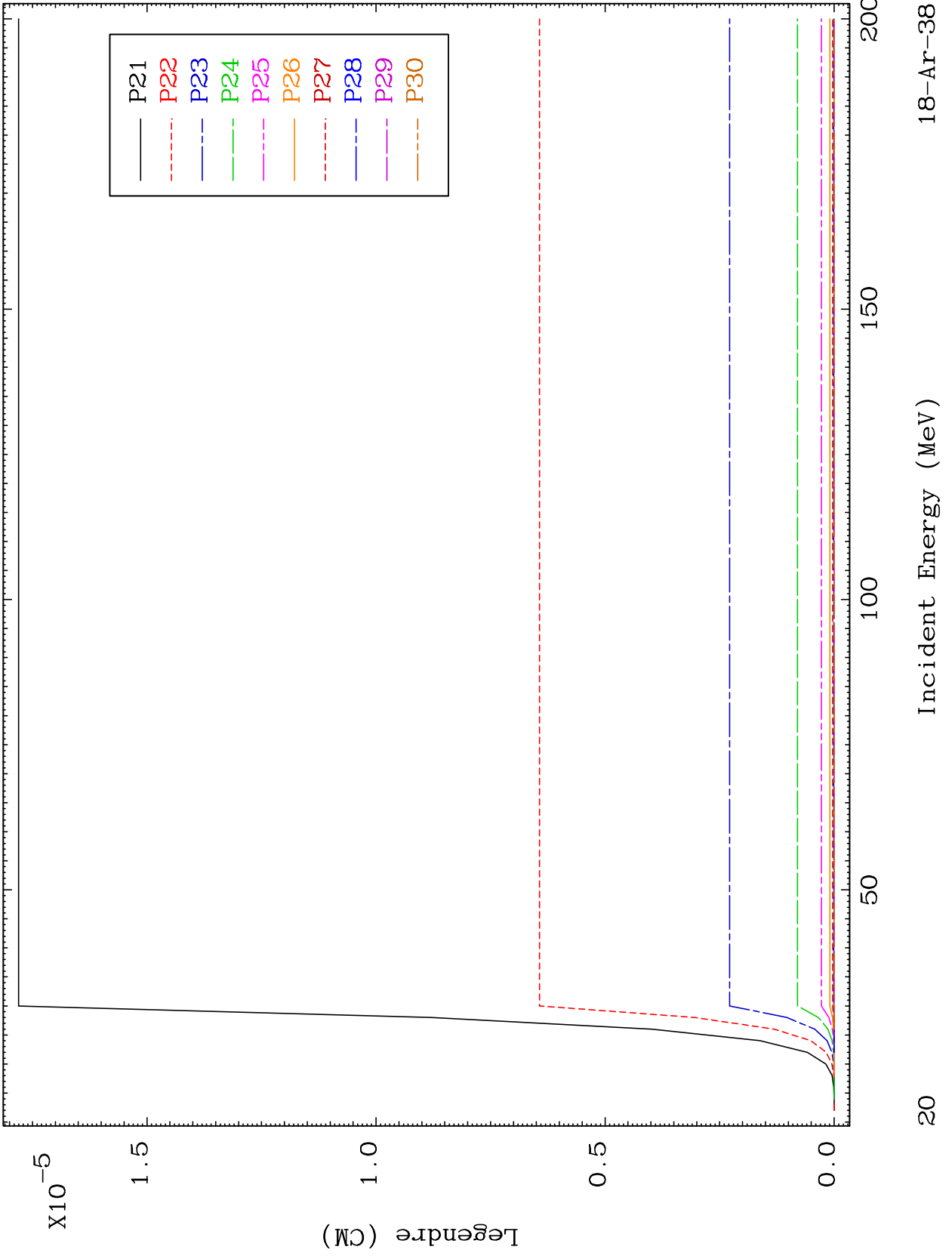
18-Ar-38



MAT 1831

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

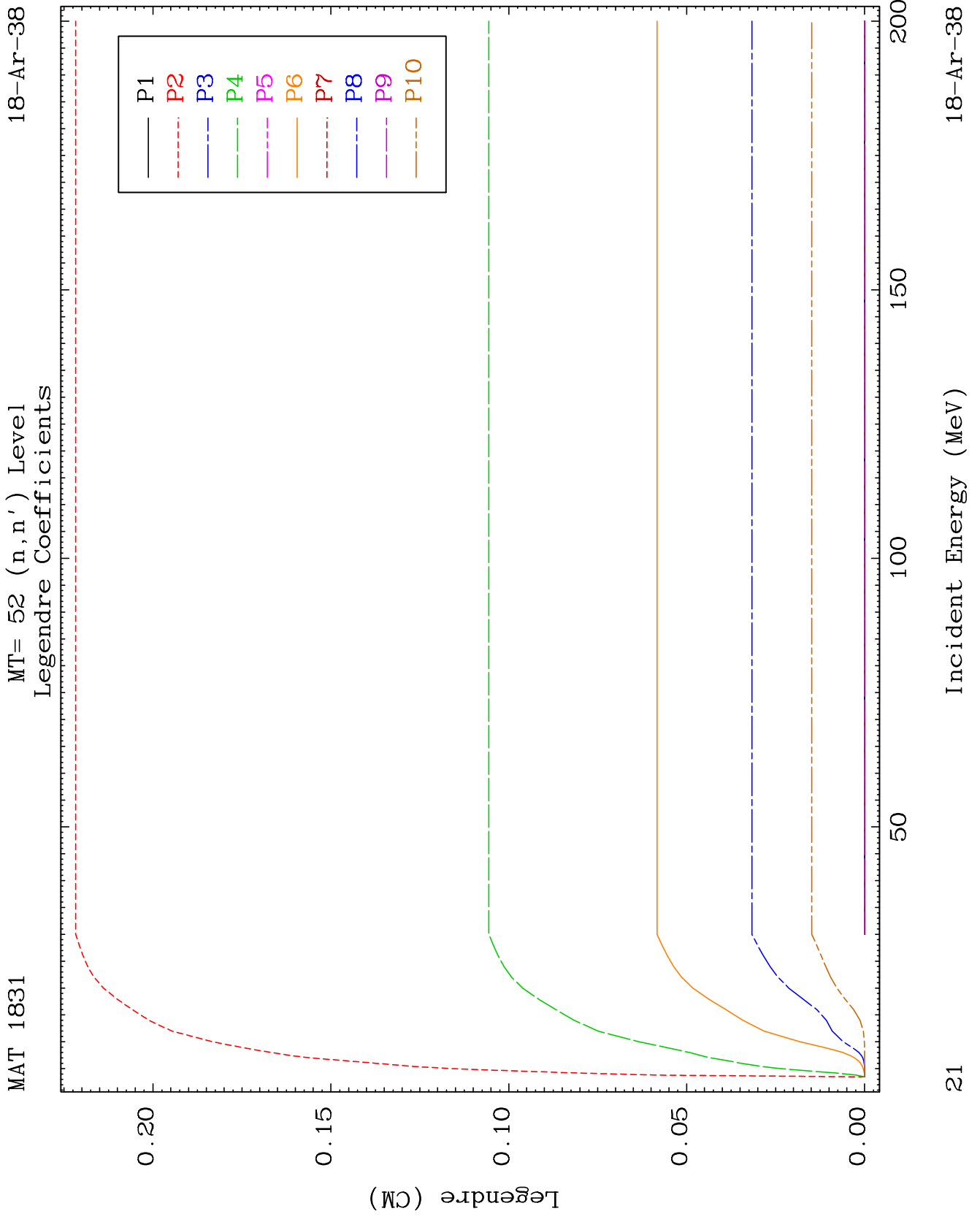
18-Ar-38



20

Incident Energy (MeV)

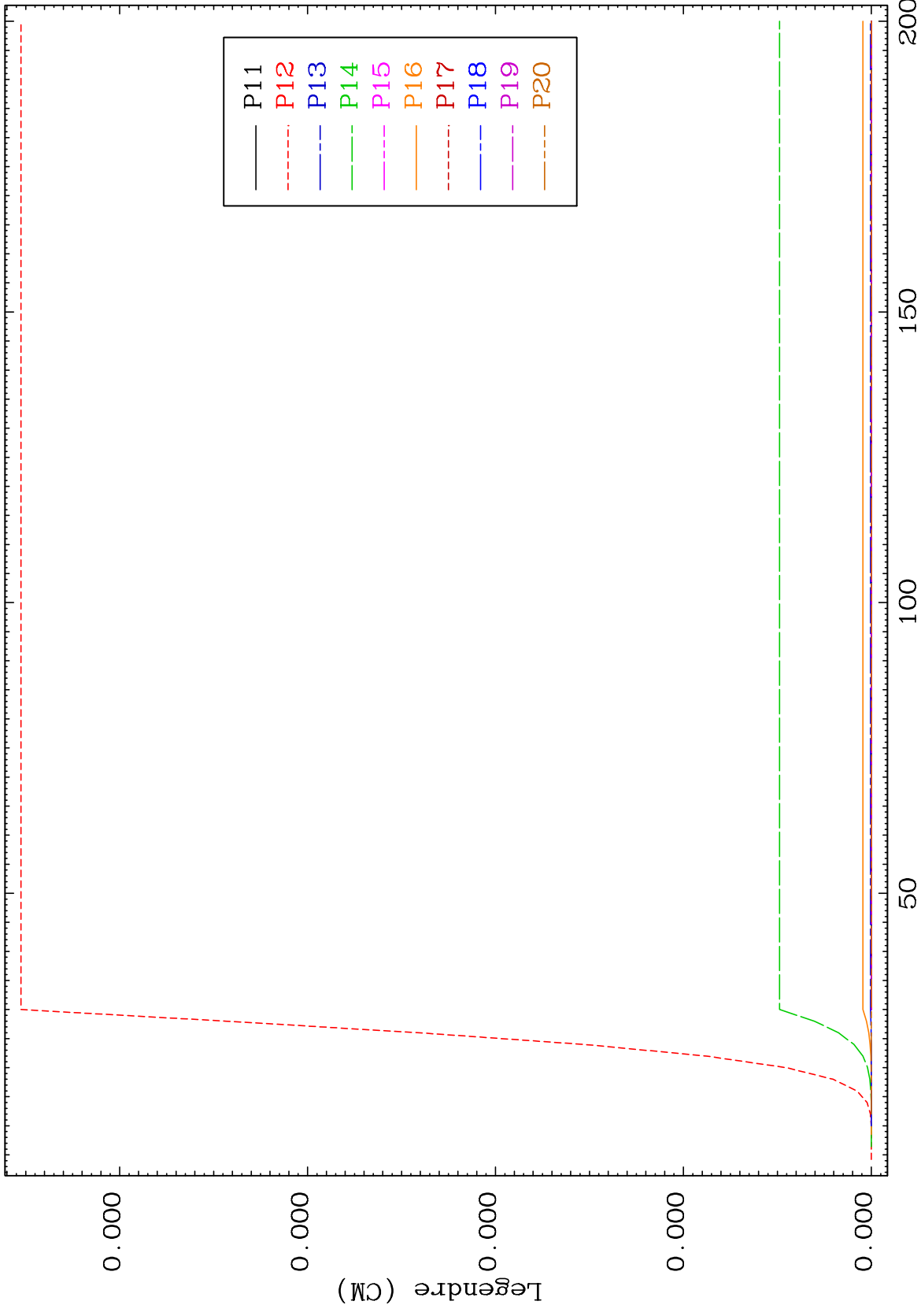
18-Ar-38



MAT 1831

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

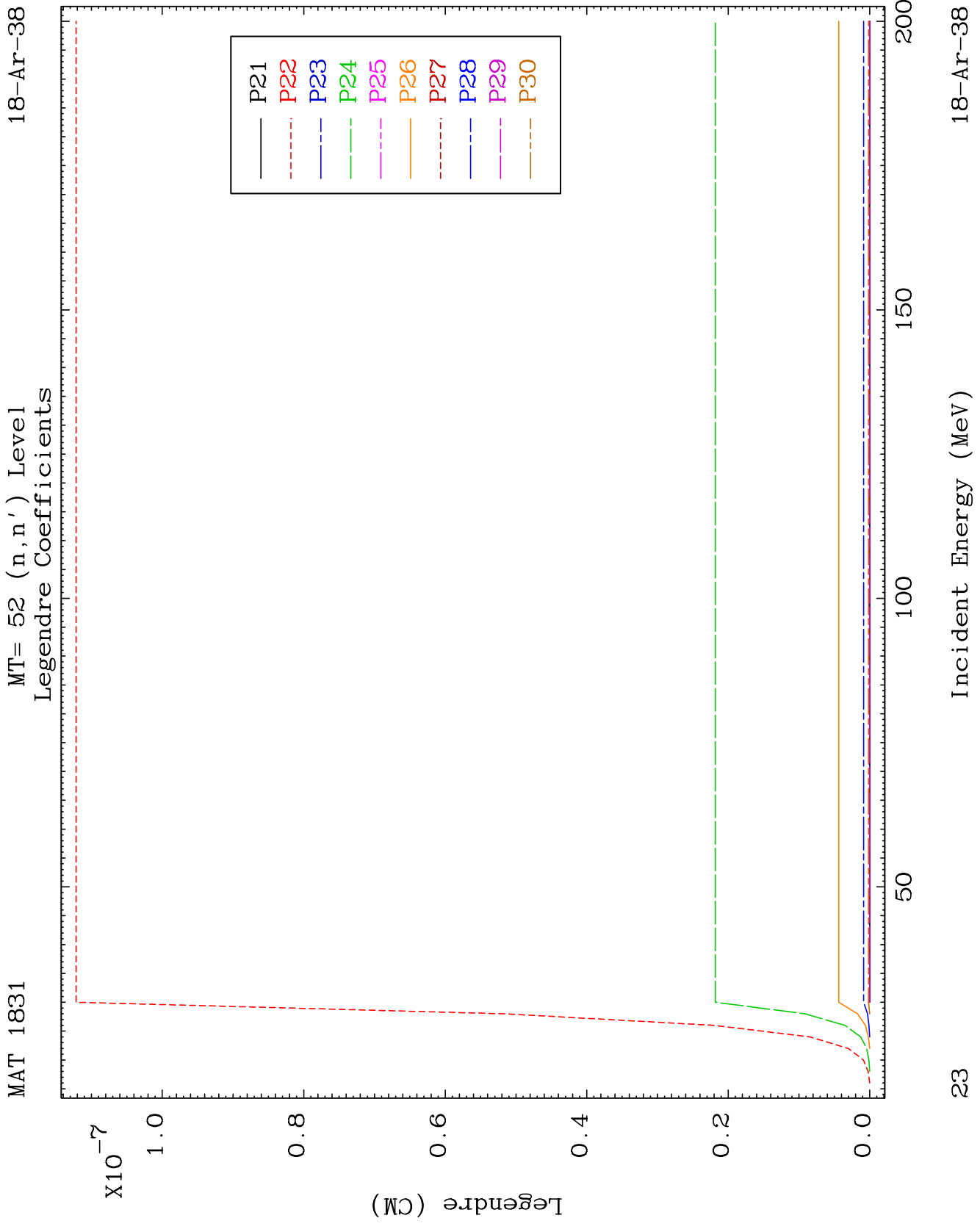
18-Ar-38



22

Incident Energy (MeV)

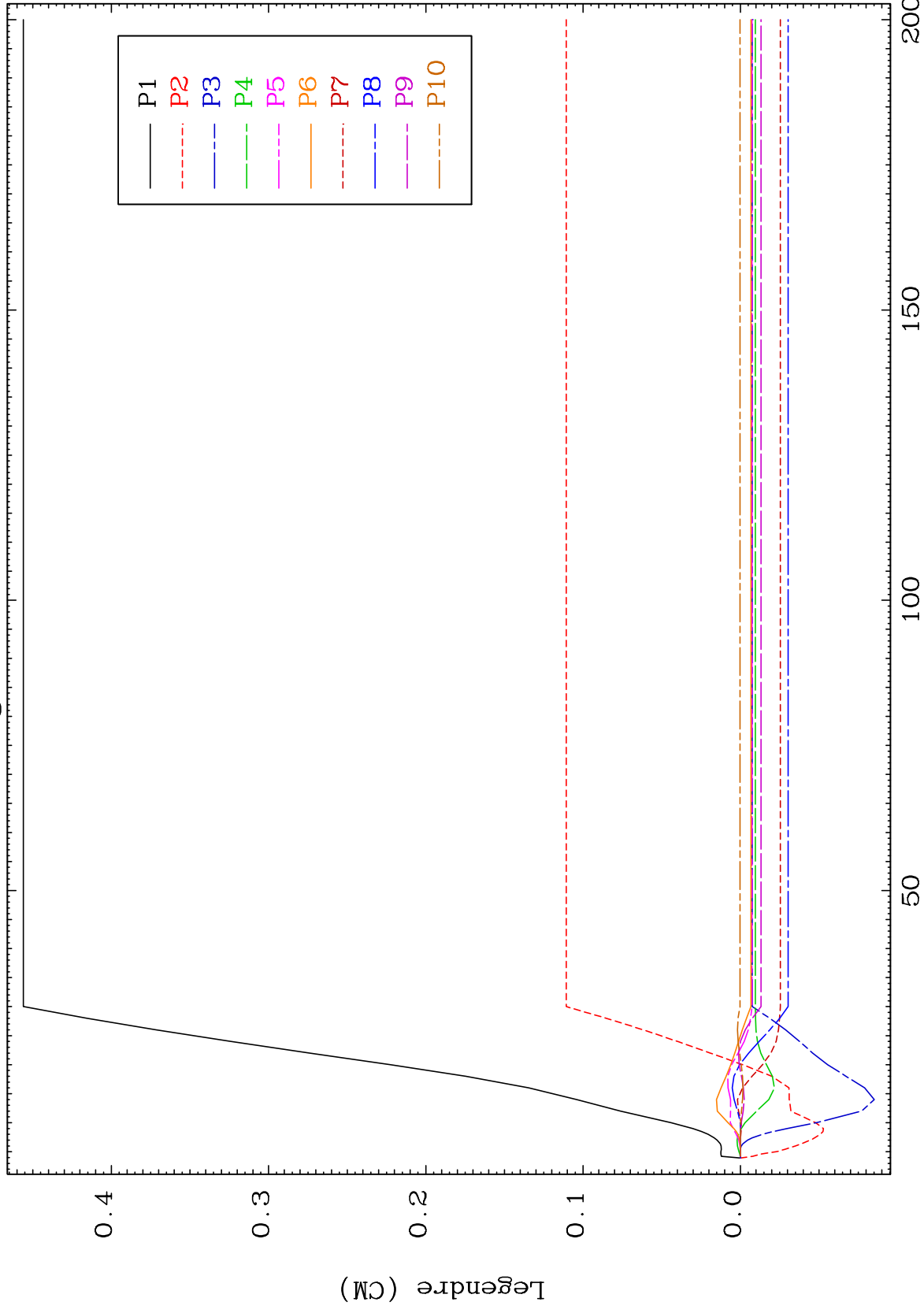
18-Ar-38



MAT 1831

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

18-Ar-38



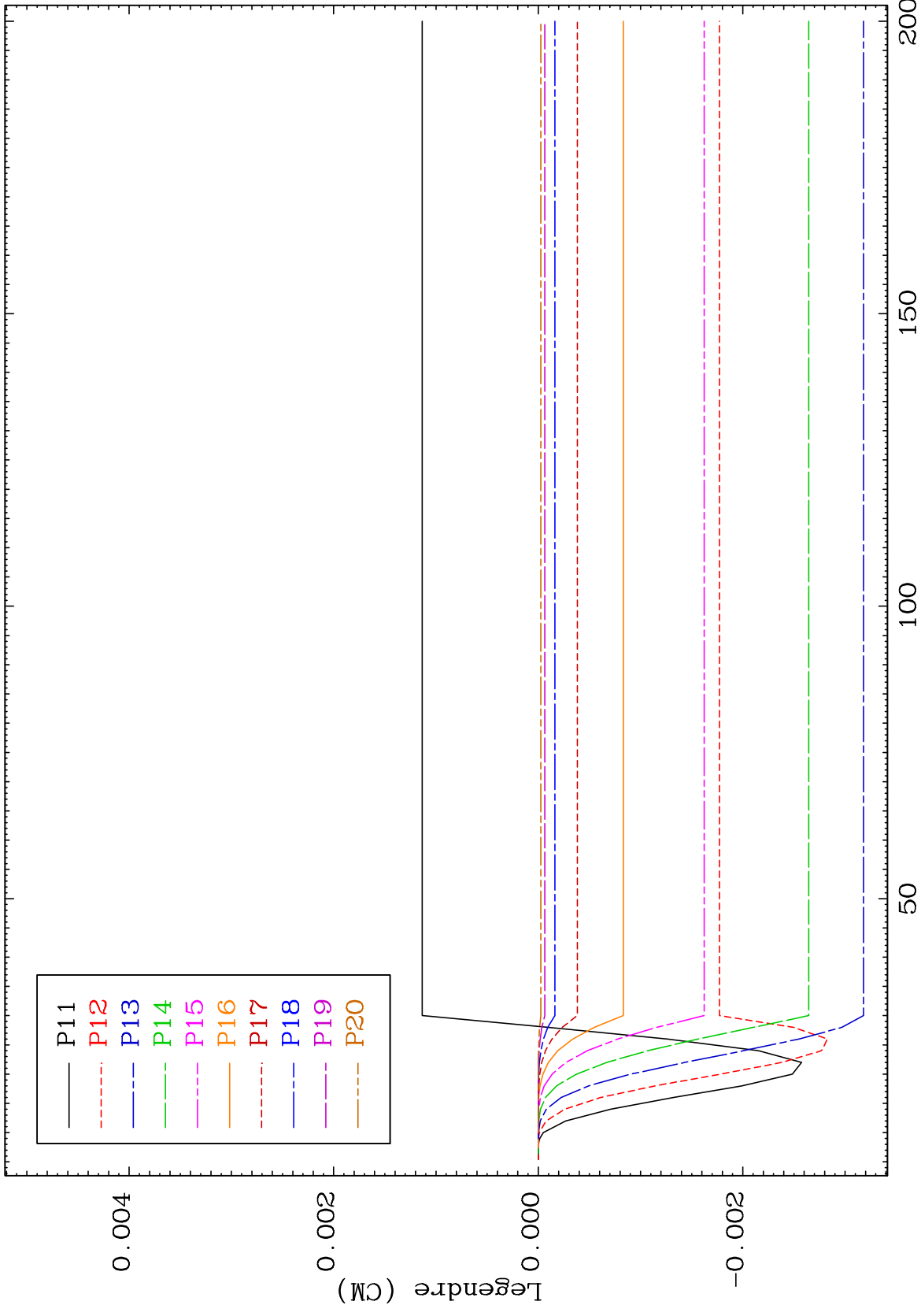
24

18-Ar-38

MAT 1831

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

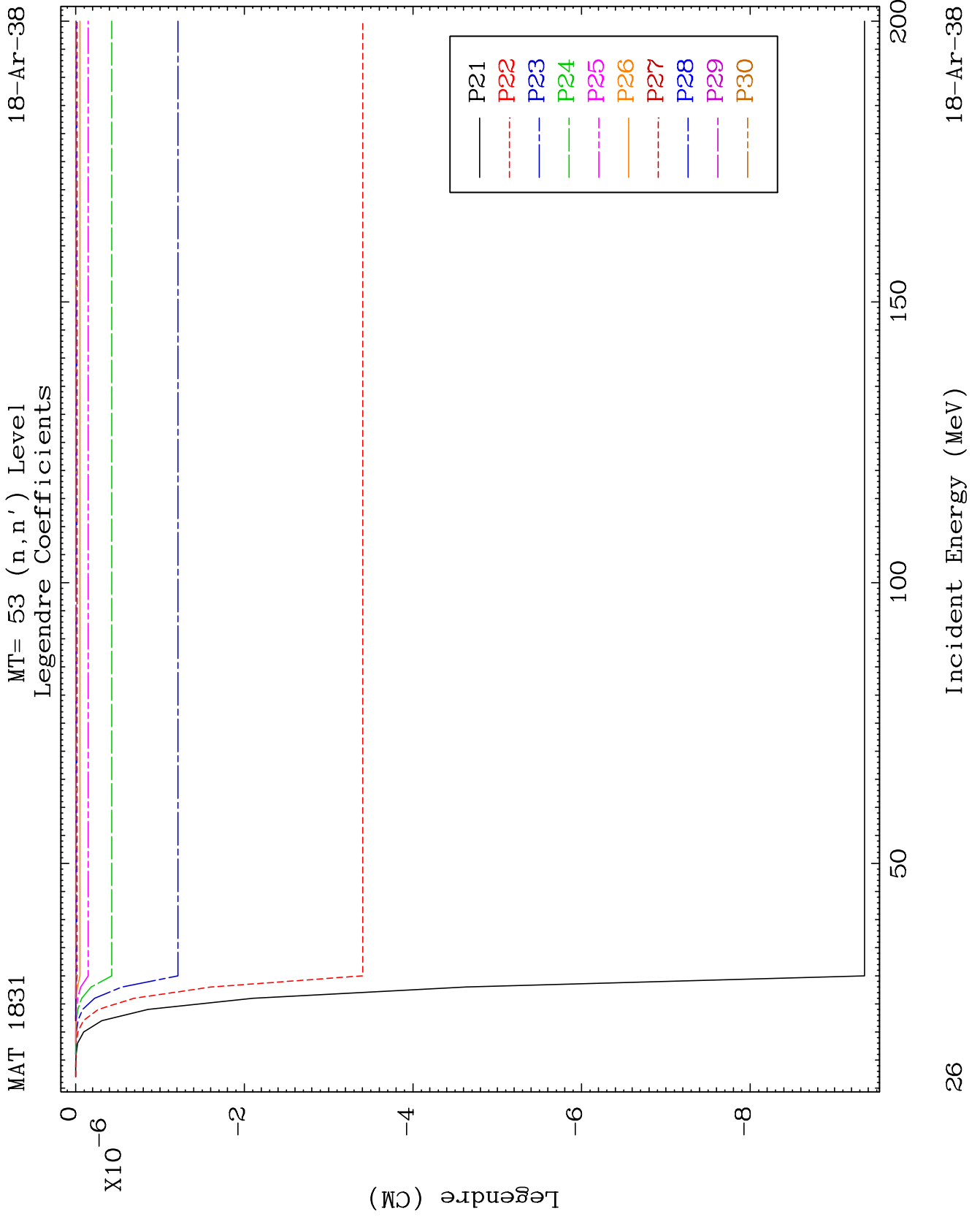
18-Ar-38



25

Incident Energy (MeV)

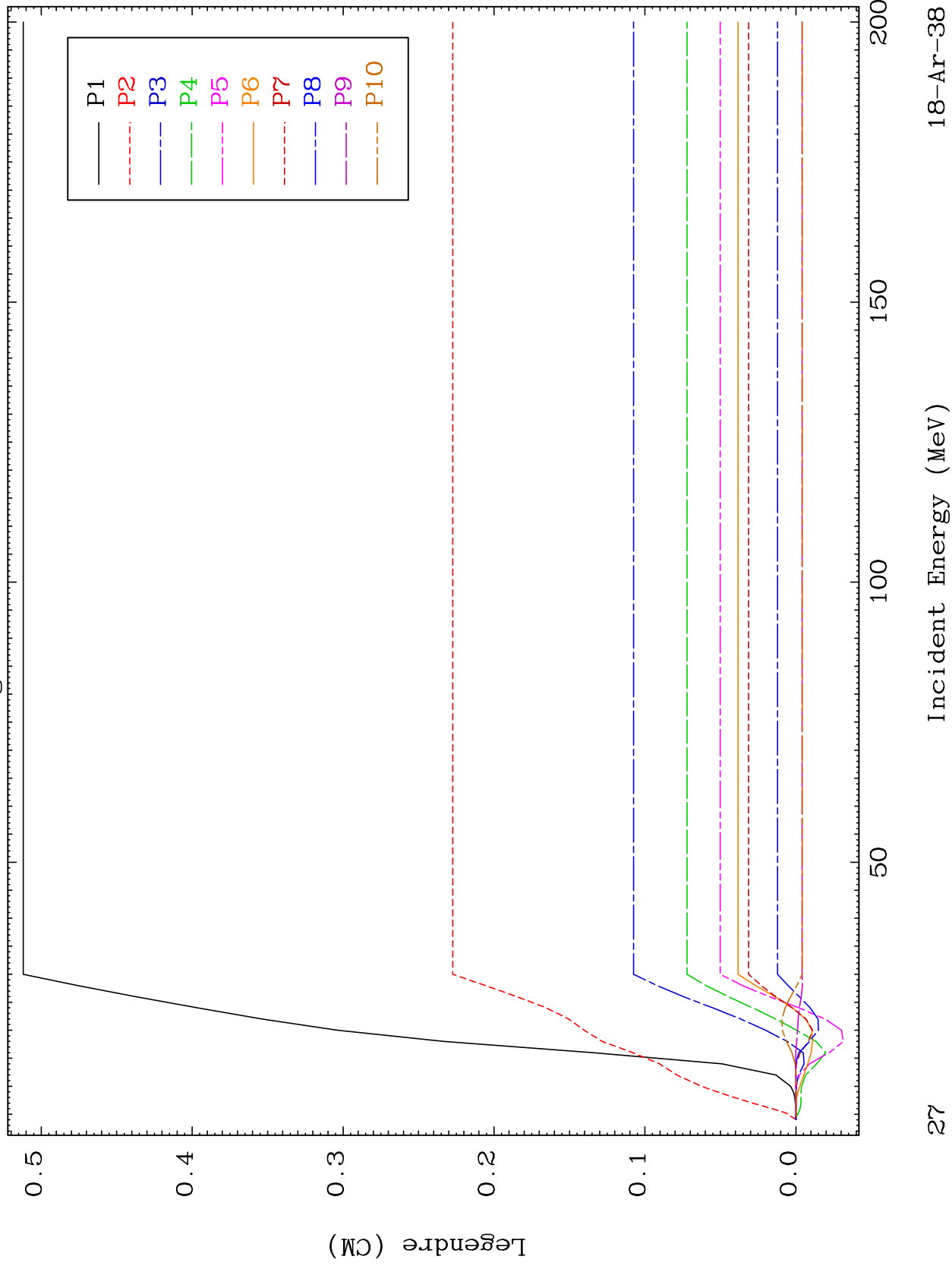
18-Ar-38



MAT 1831

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

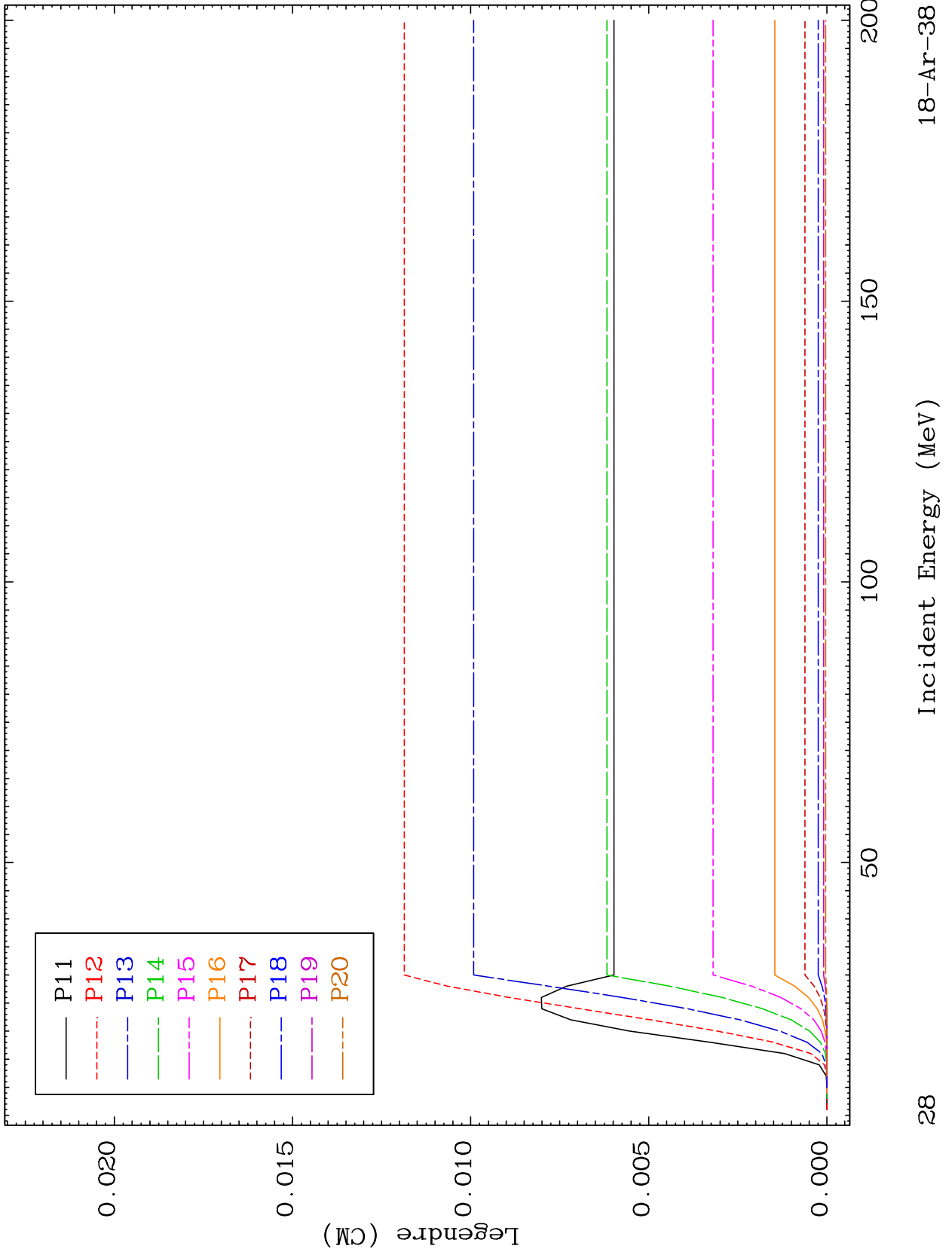
18-Ar-38



MAT 1831

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

18-Ar-38



28

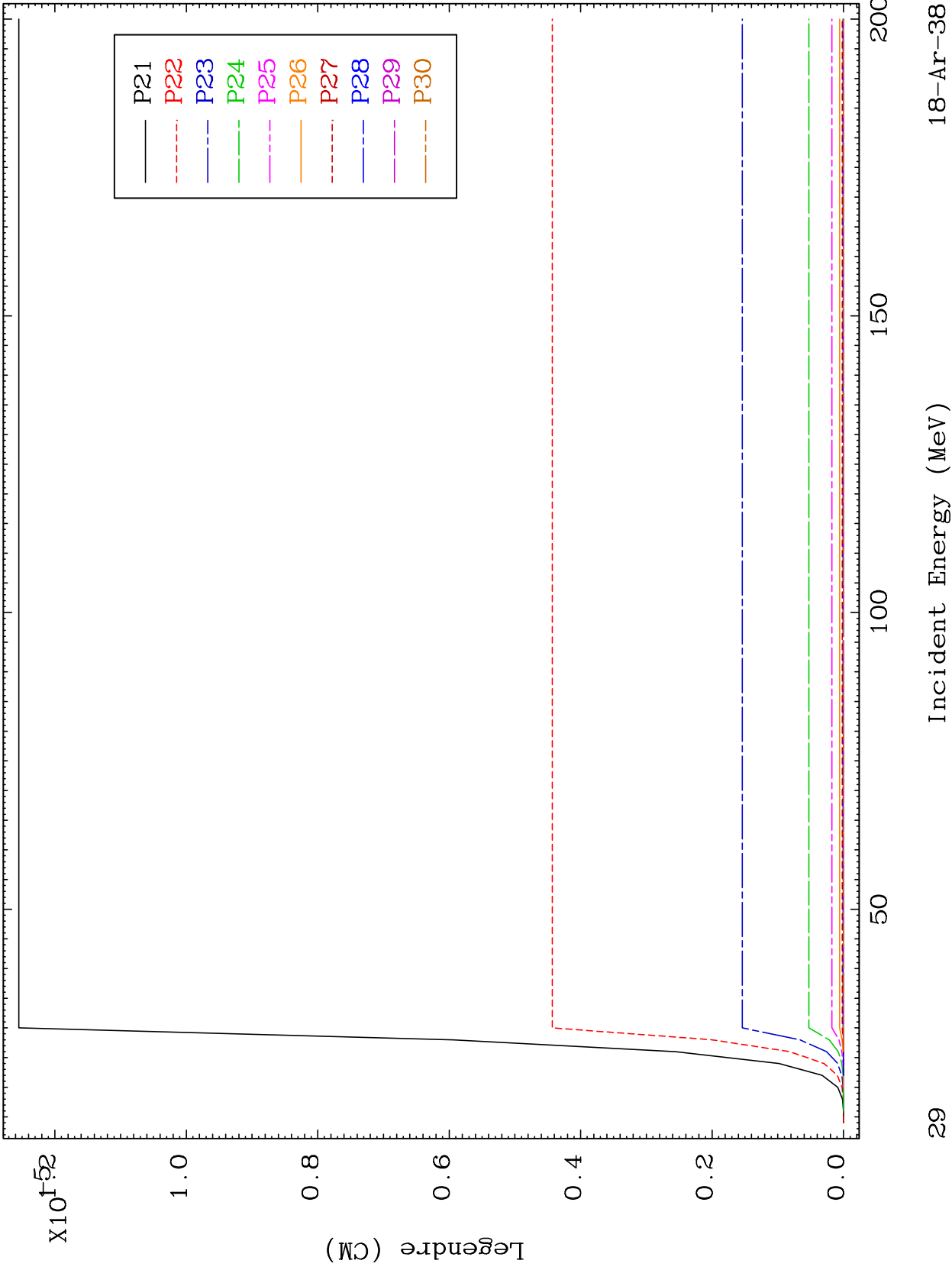
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

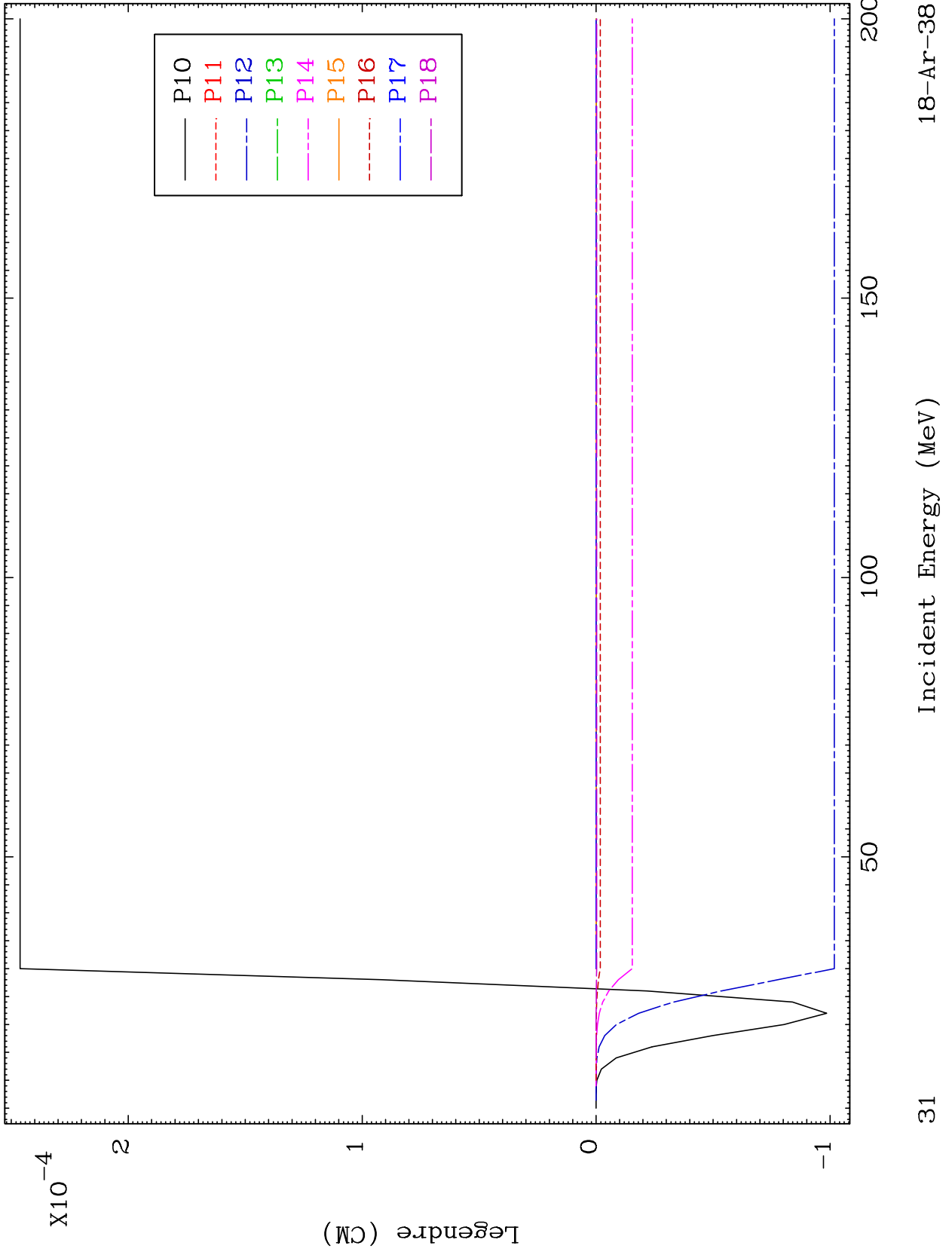
18-Ar-38

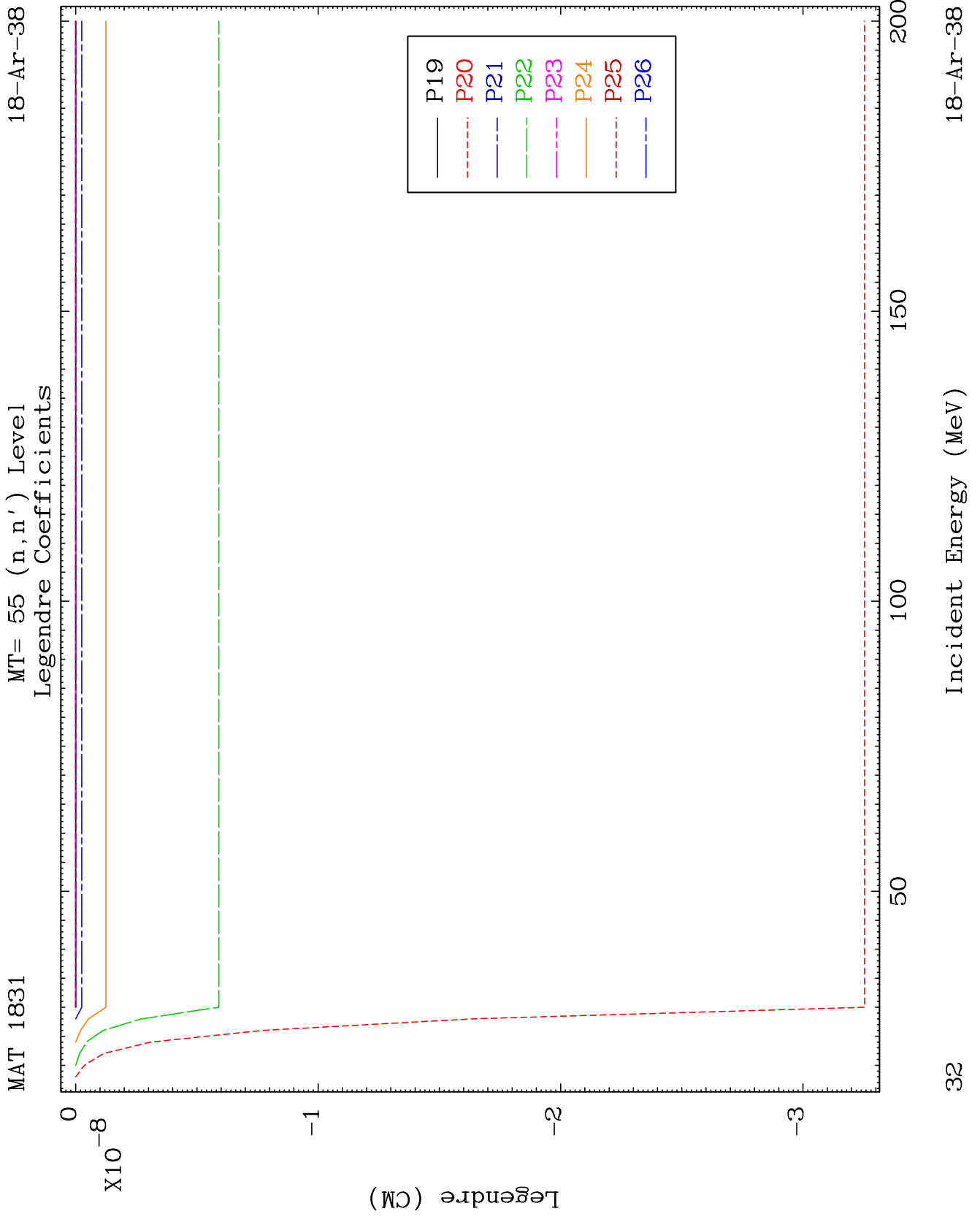


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Incident Energy (MeV)

18-Ar-38

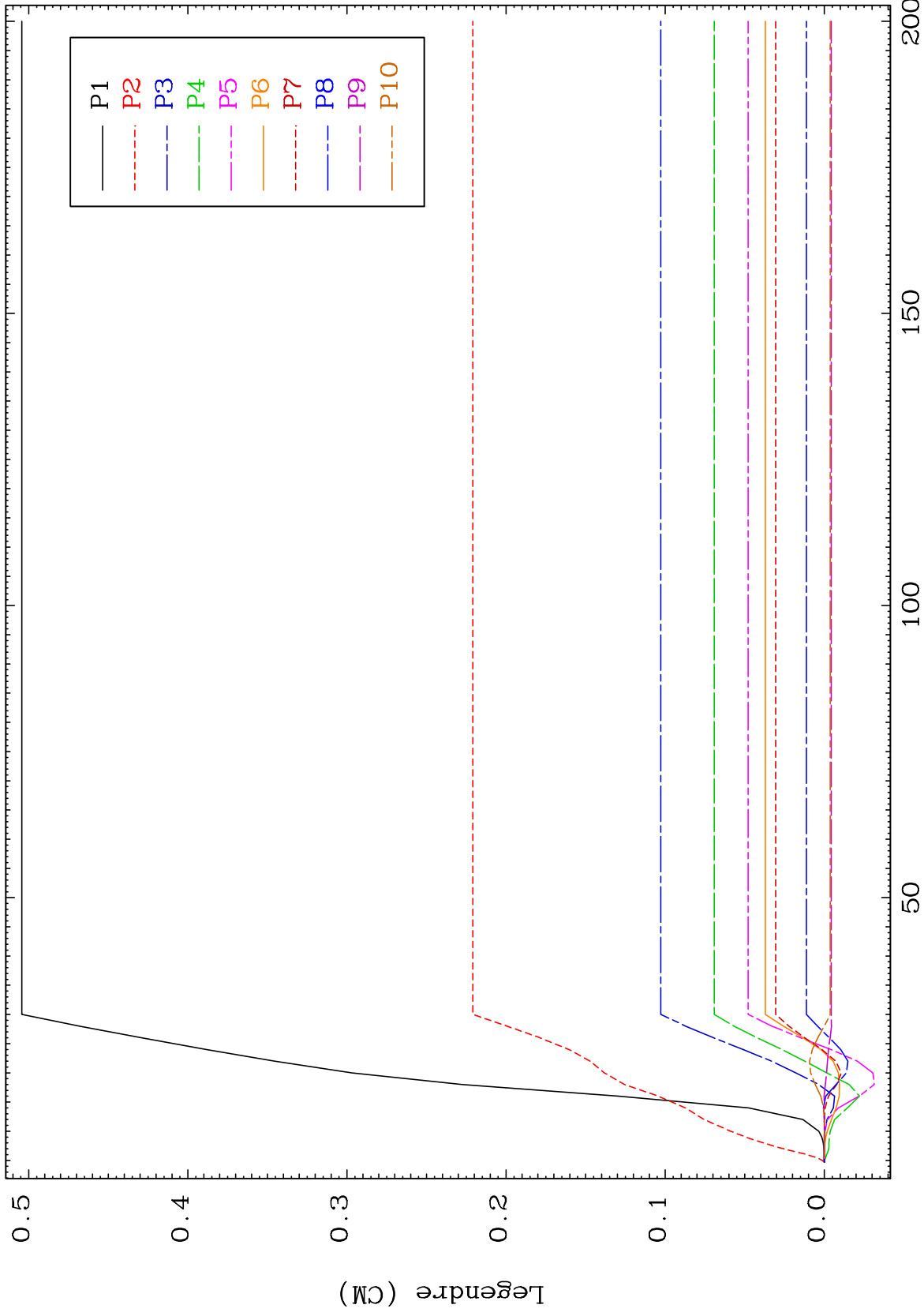




MAT 1831

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

18-Ar-38



33

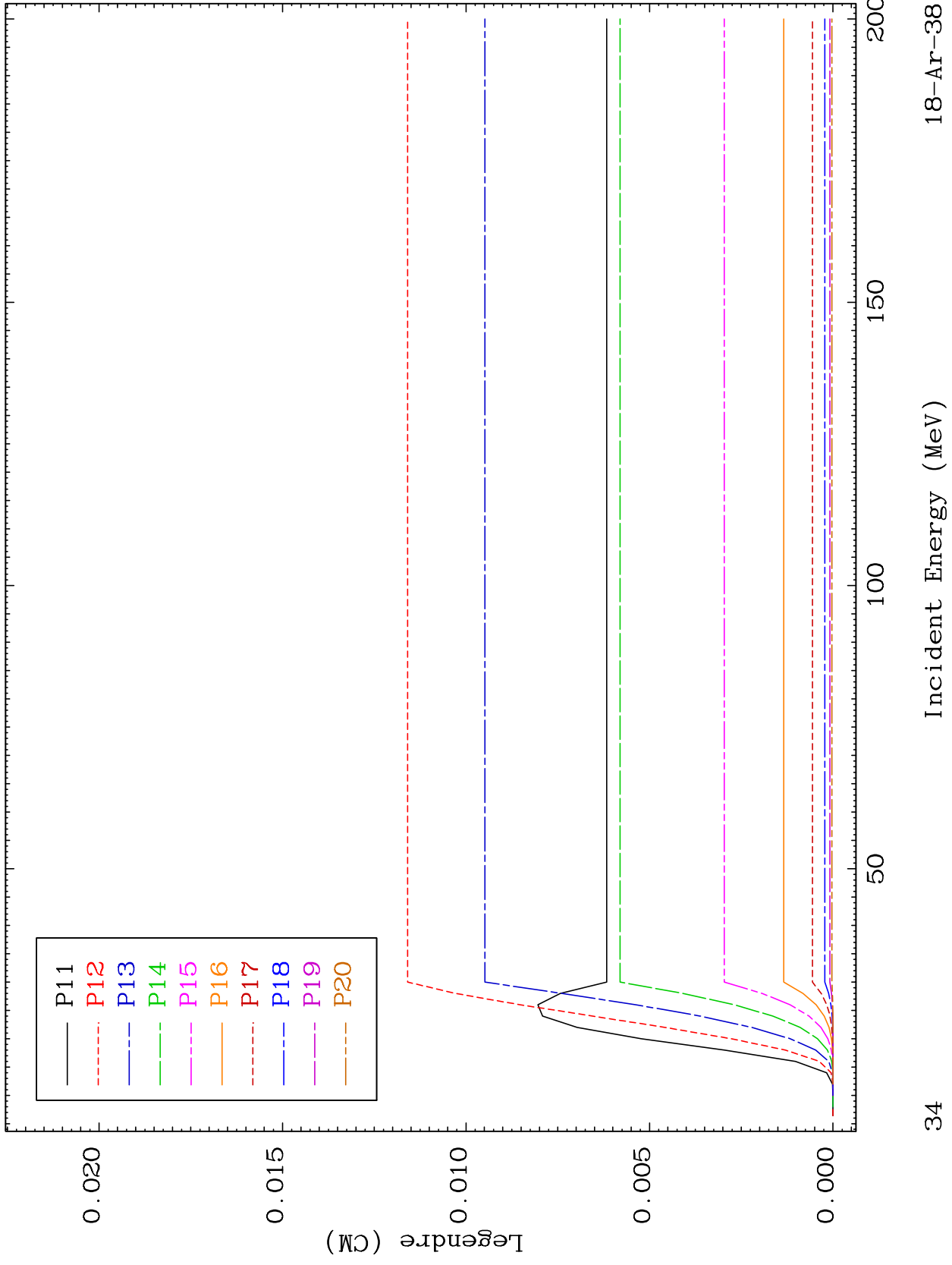
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



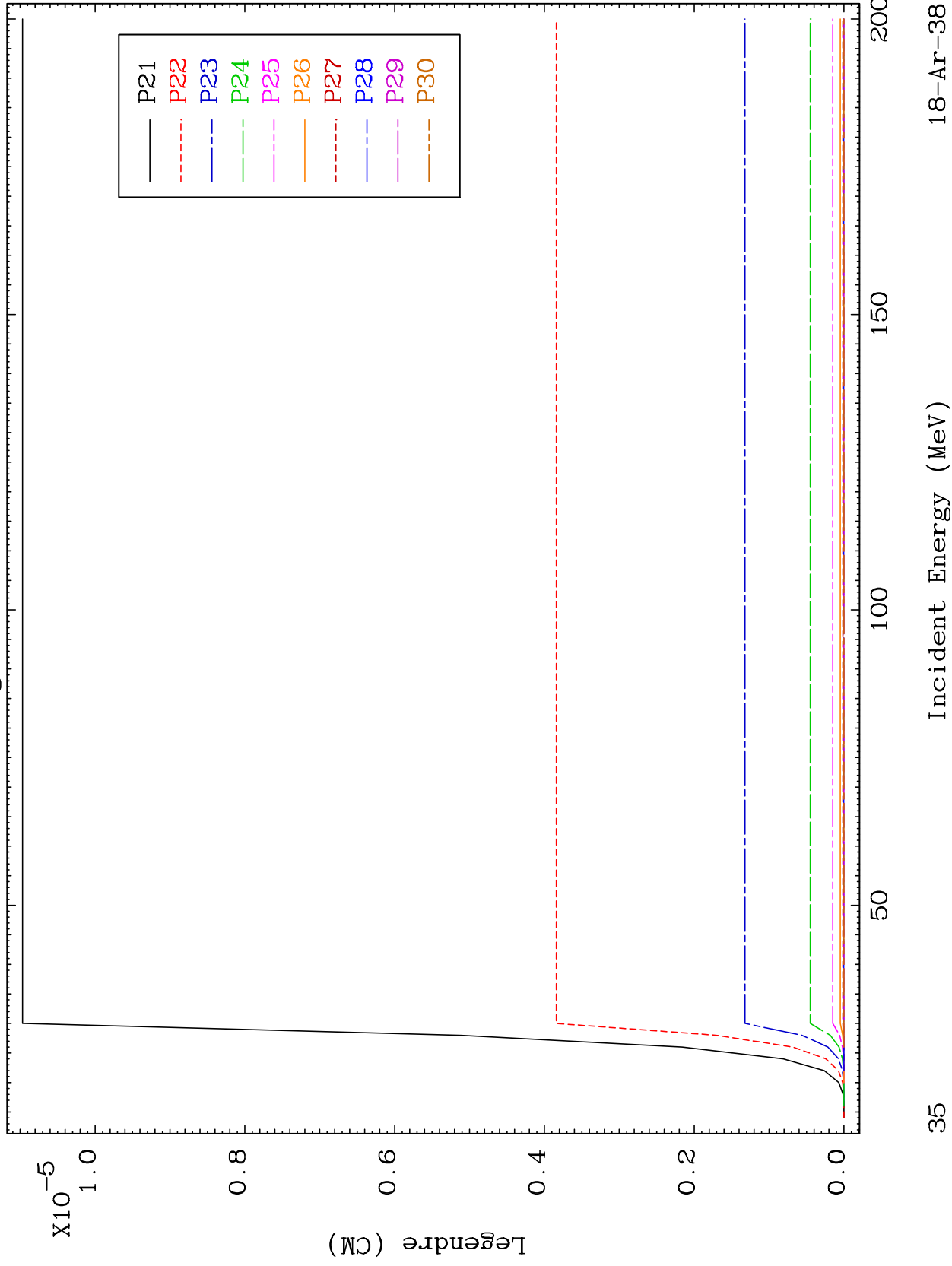
34

18-Ar-38

MAT 1831

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

18-Ar-38



35

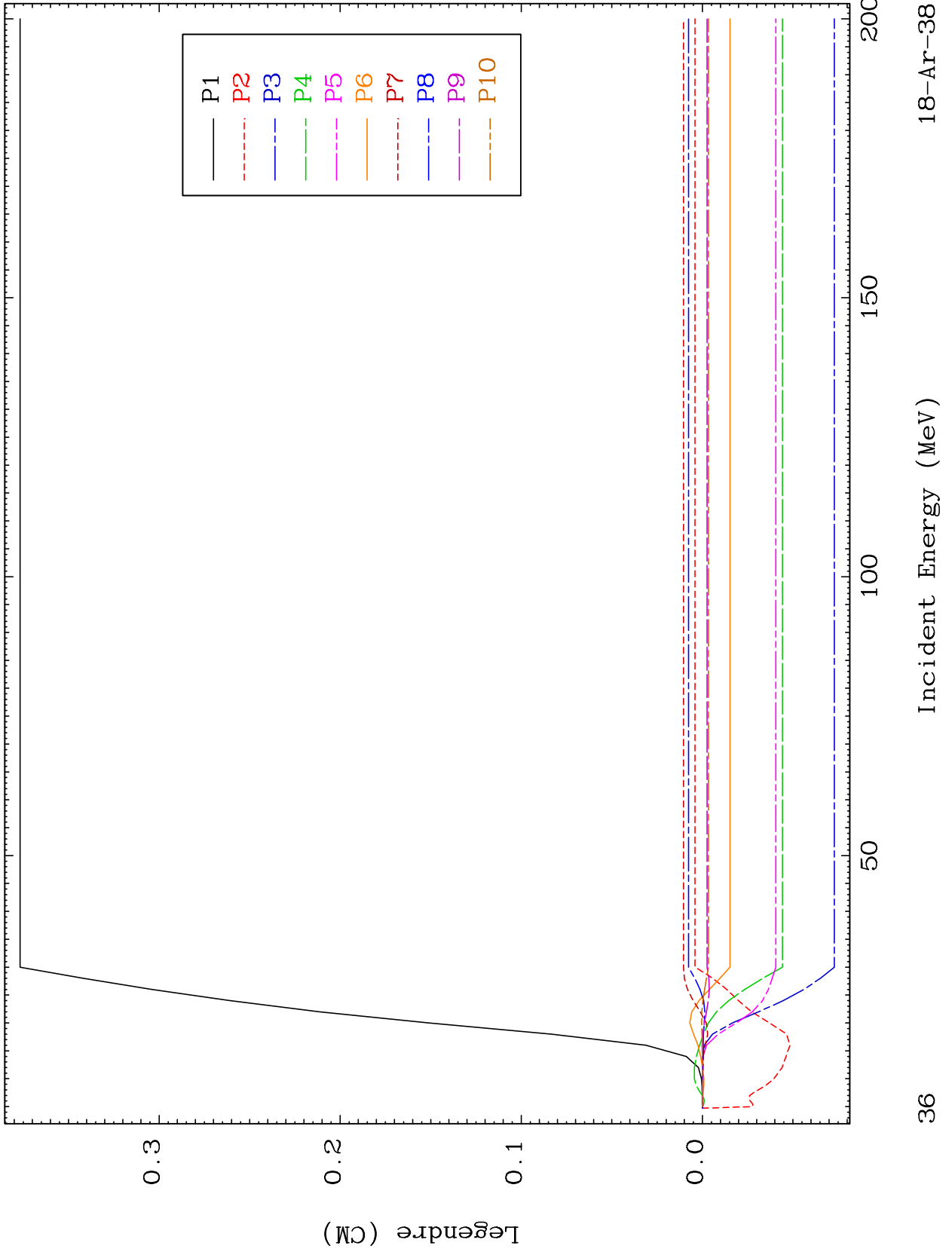
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



36

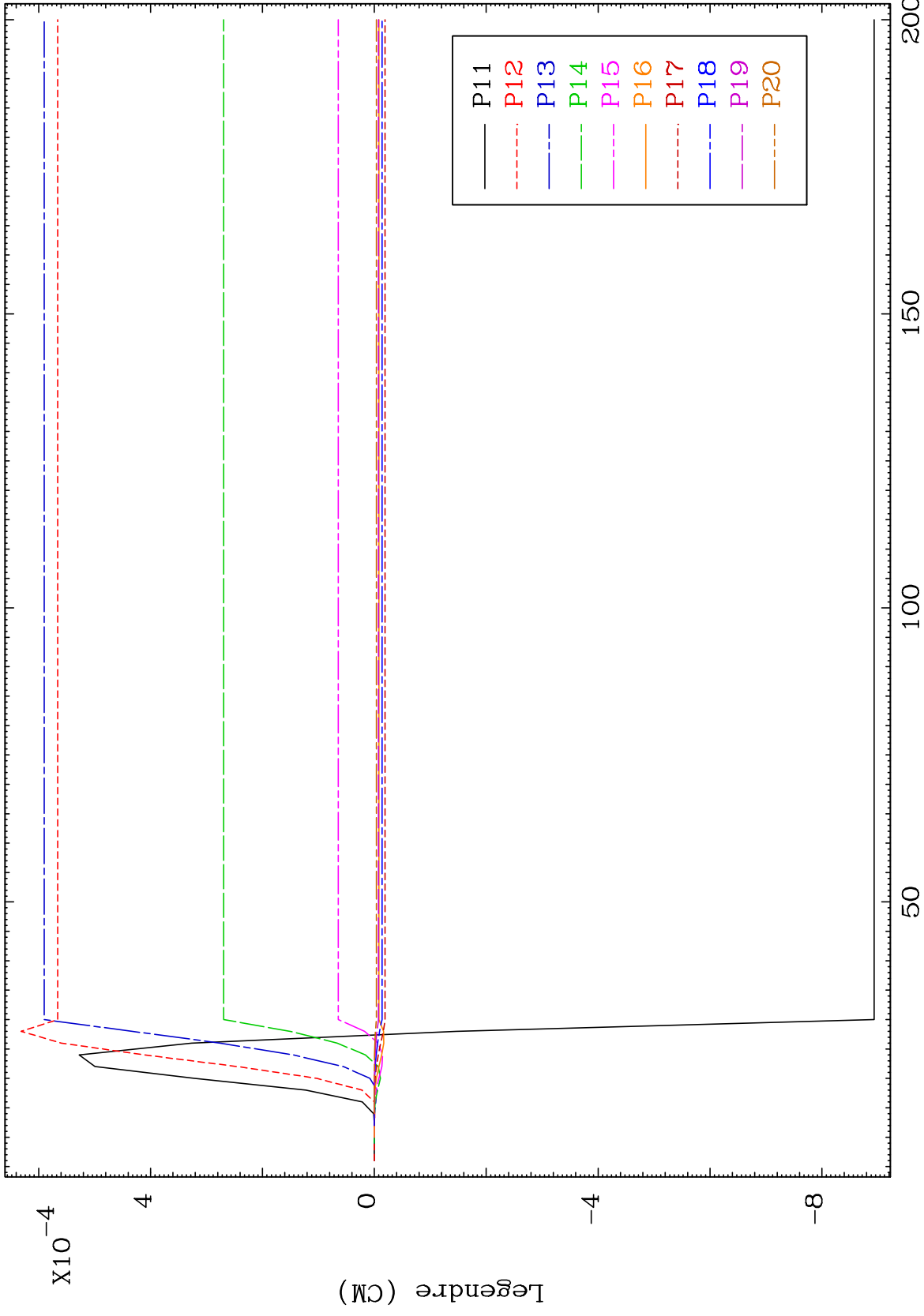
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



37

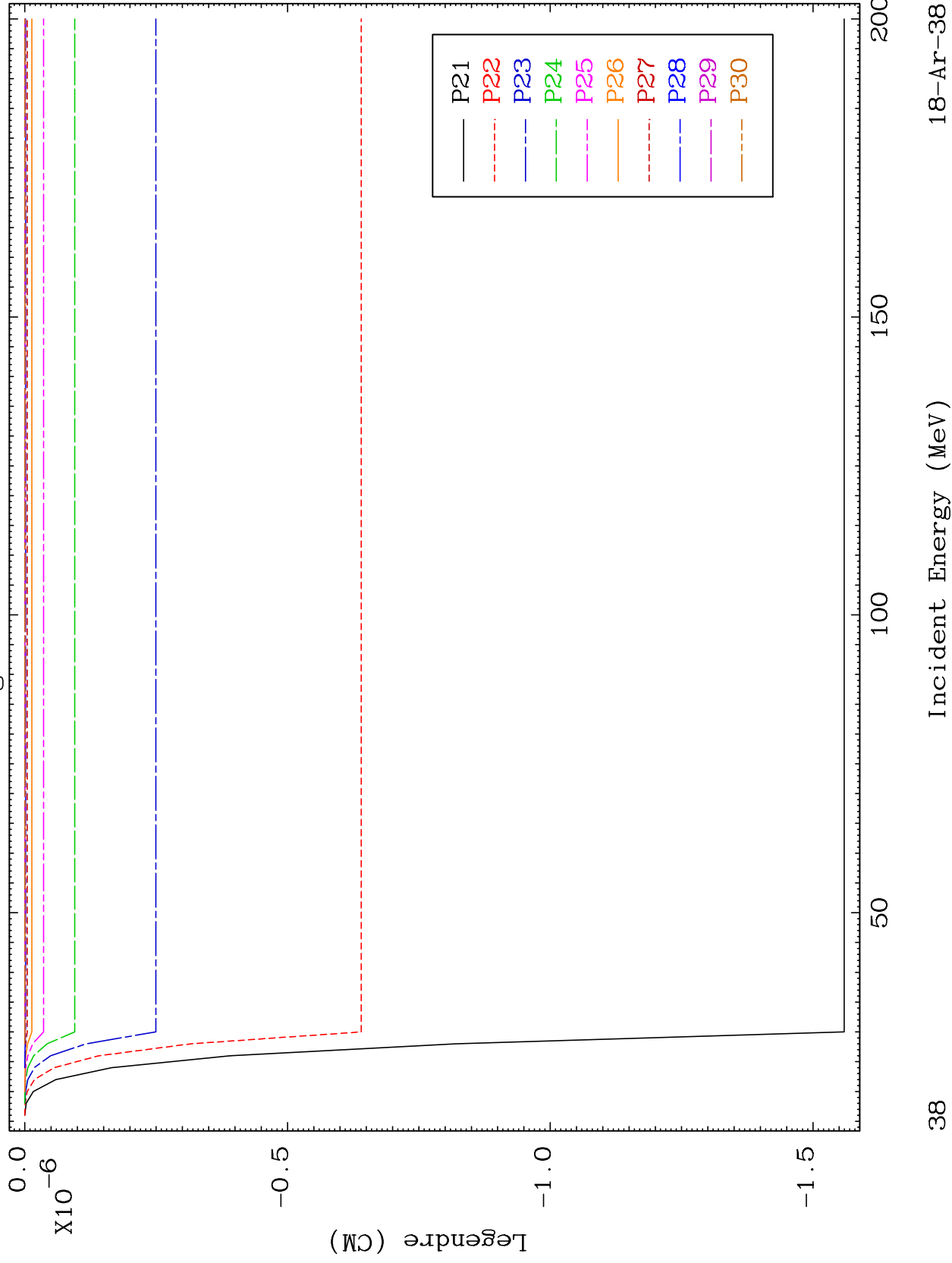
Incident Energy (MeV)

18-Ar-38

MAT 1831

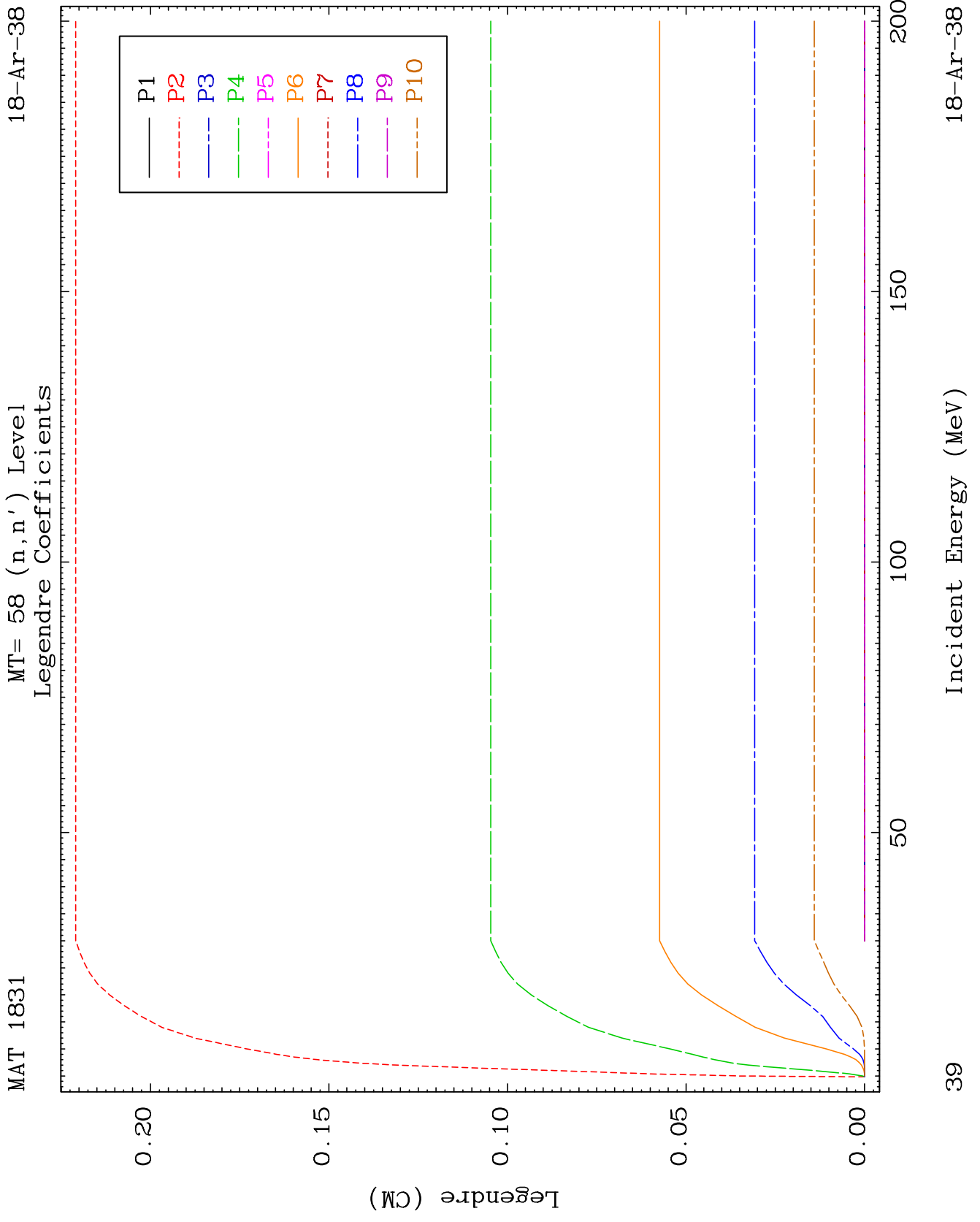
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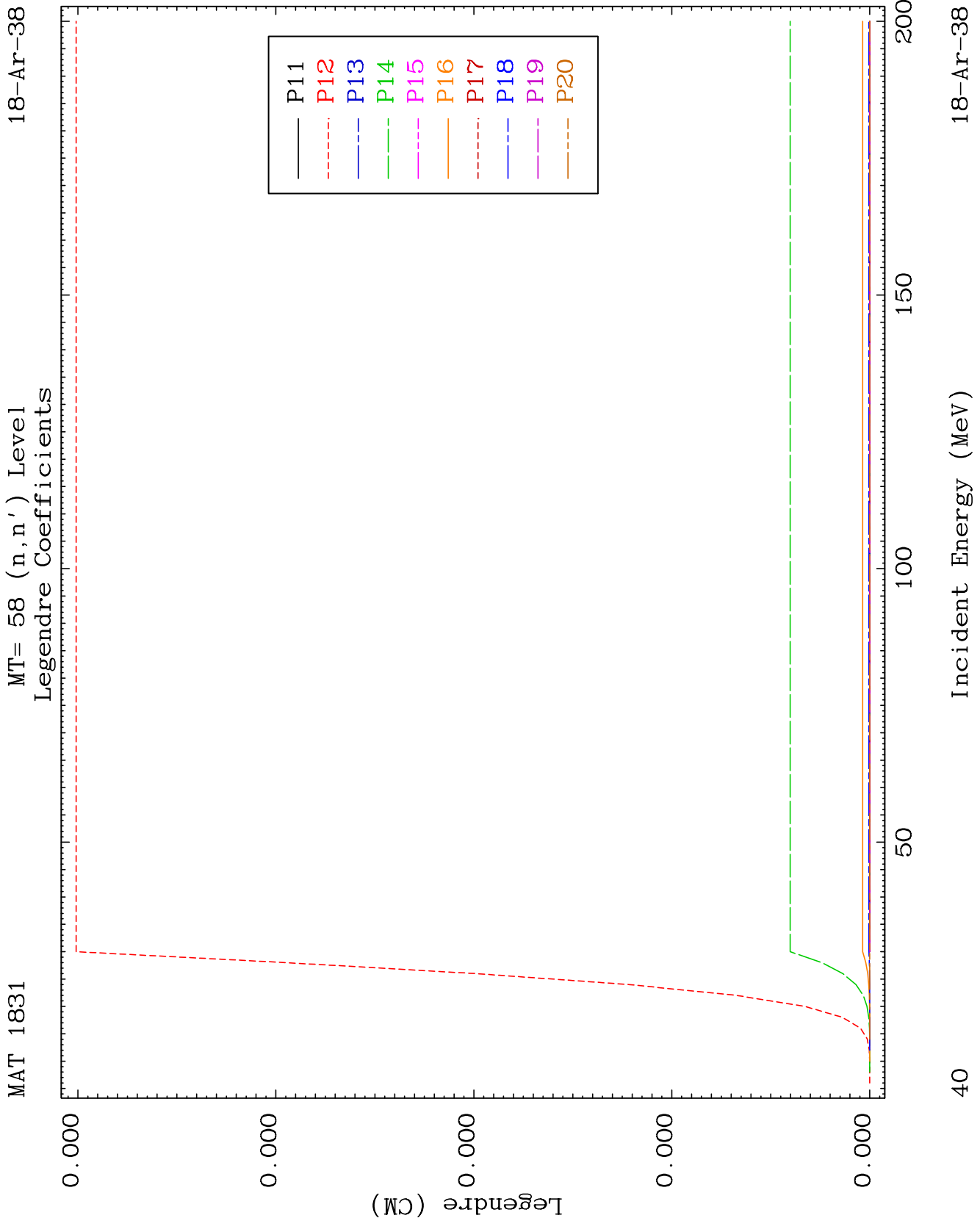
MT= 57 (n,n') Level
Legendre Coefficients

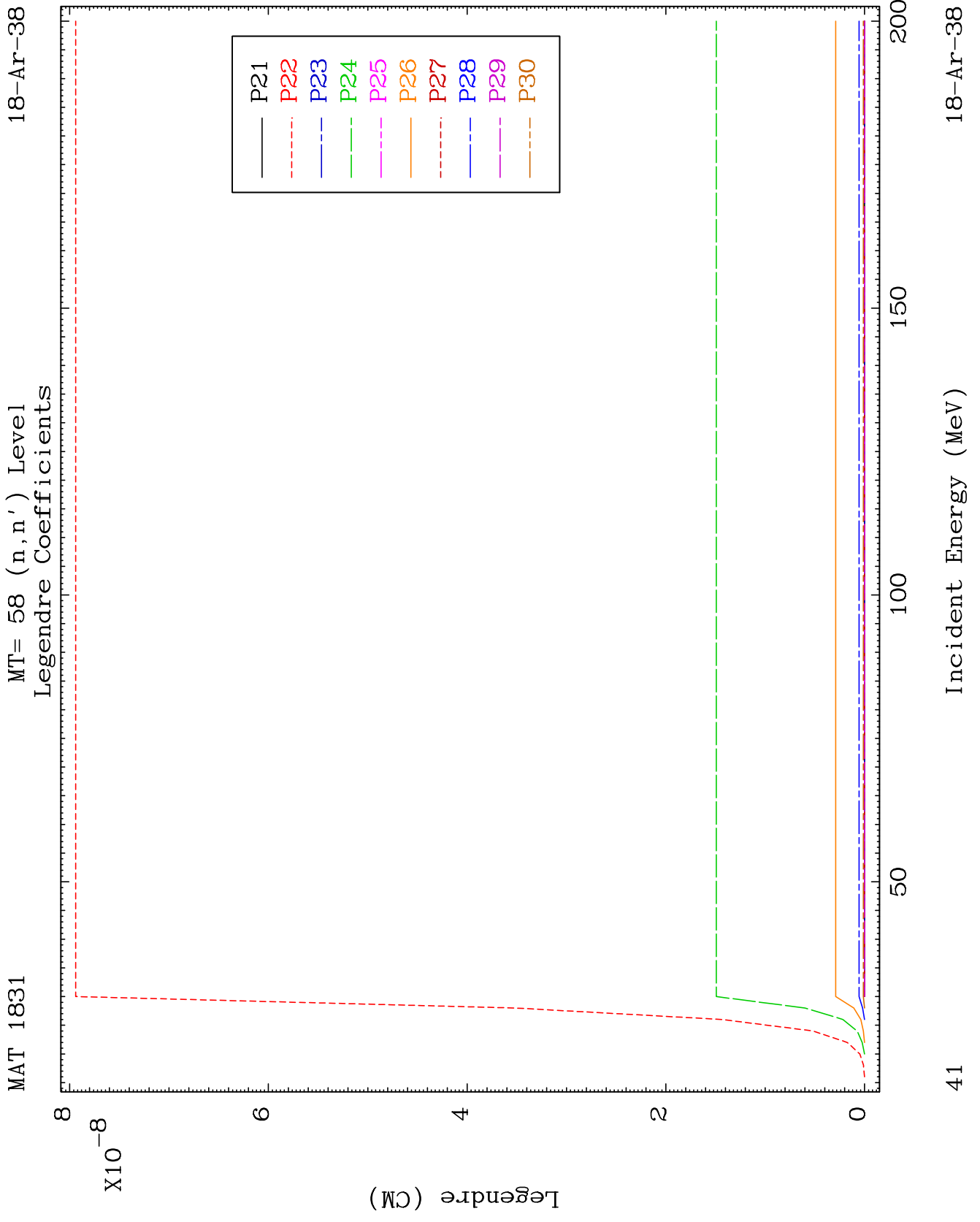


38

18-Ar-38



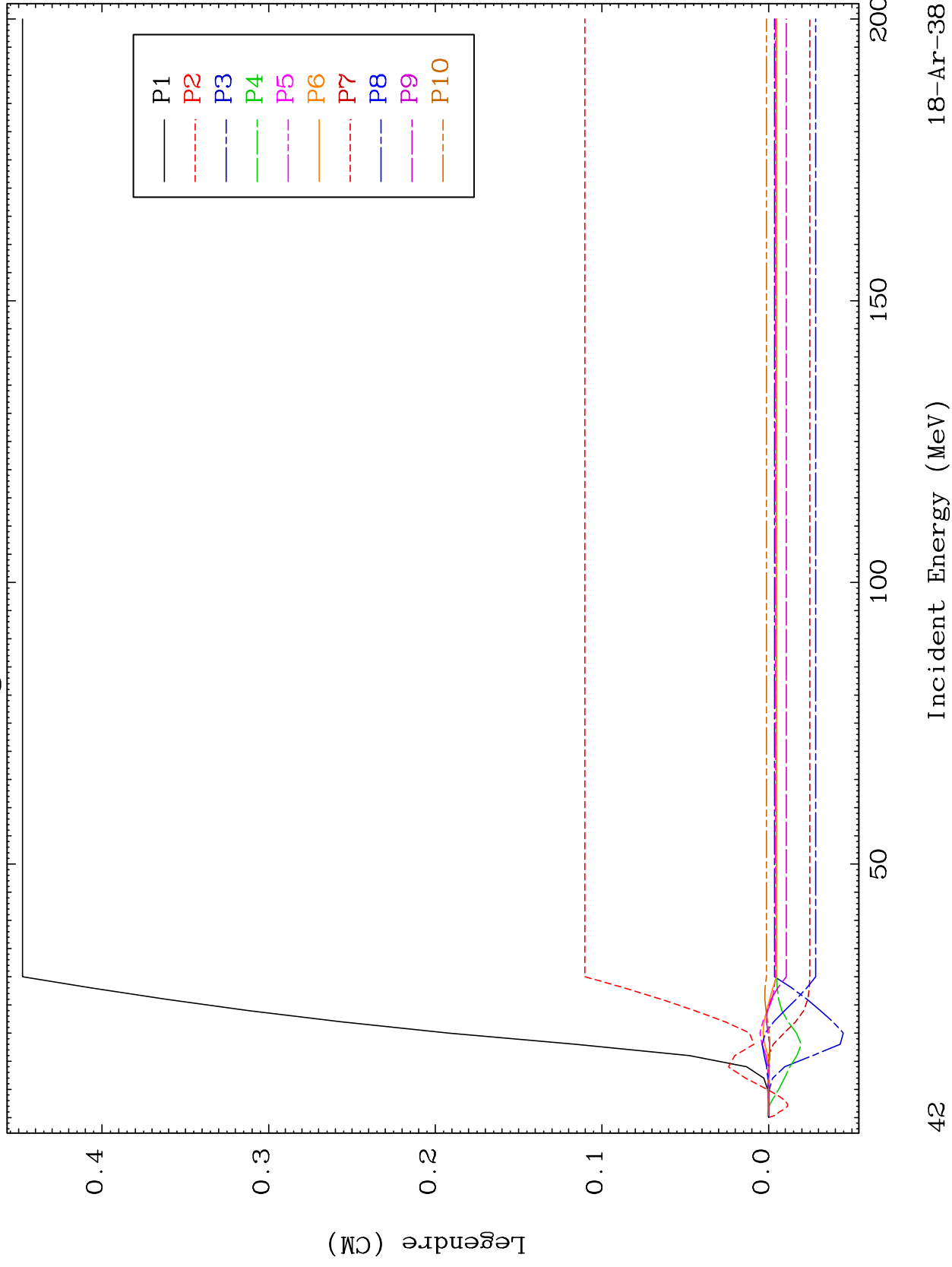




MAT 1831

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

18-Ar-38



42

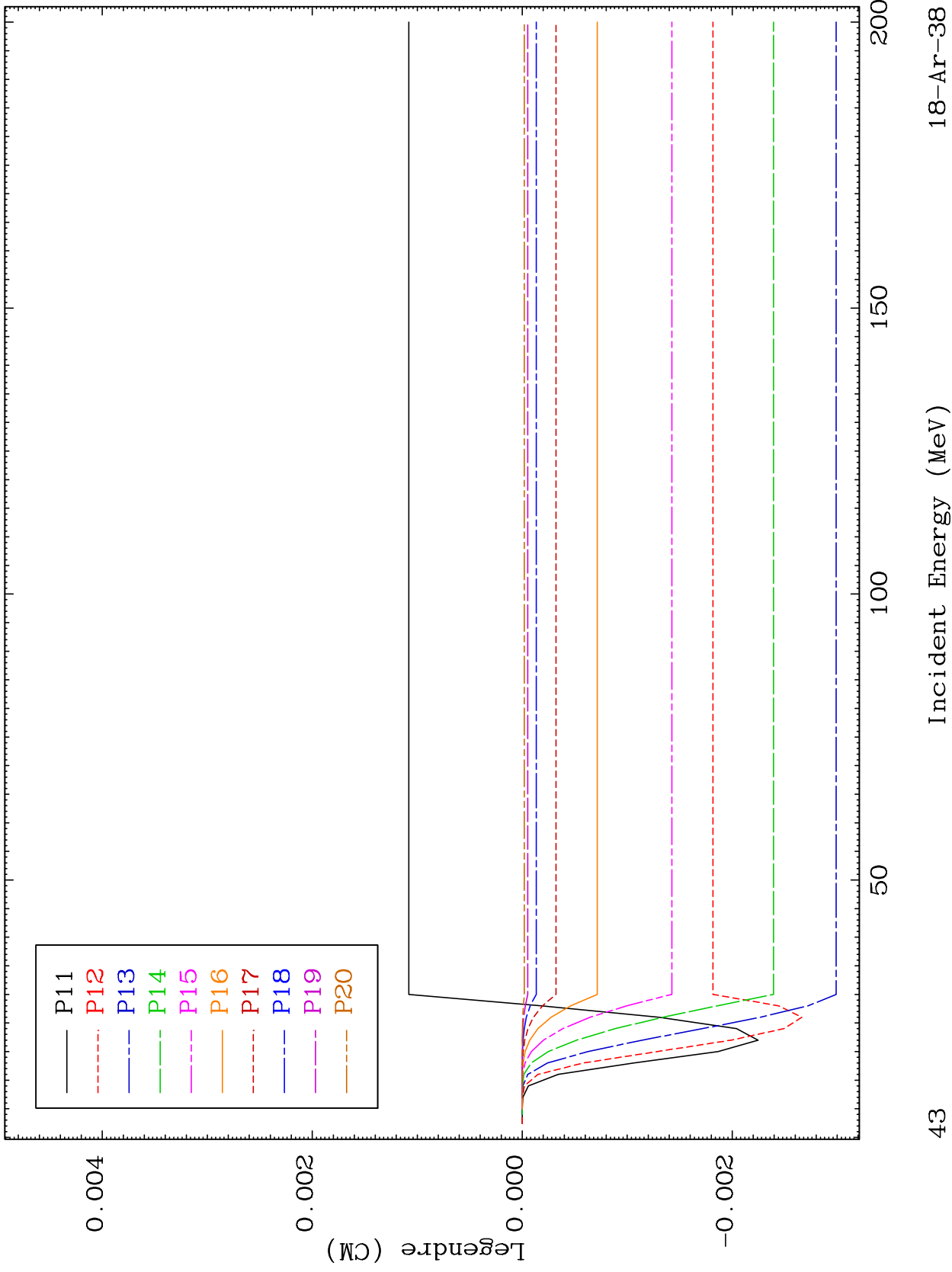
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

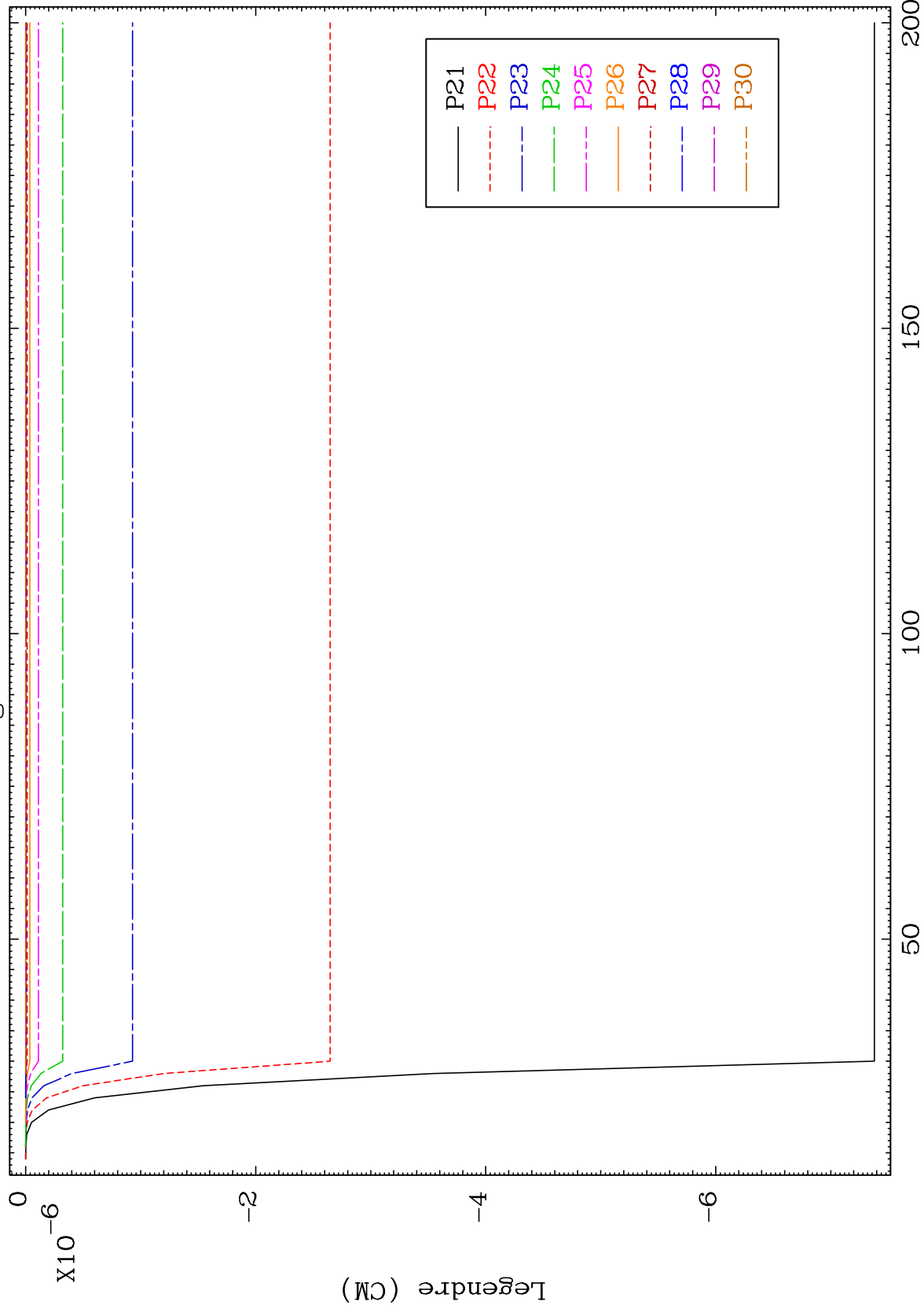
18-Ar-38



MAT 1831

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

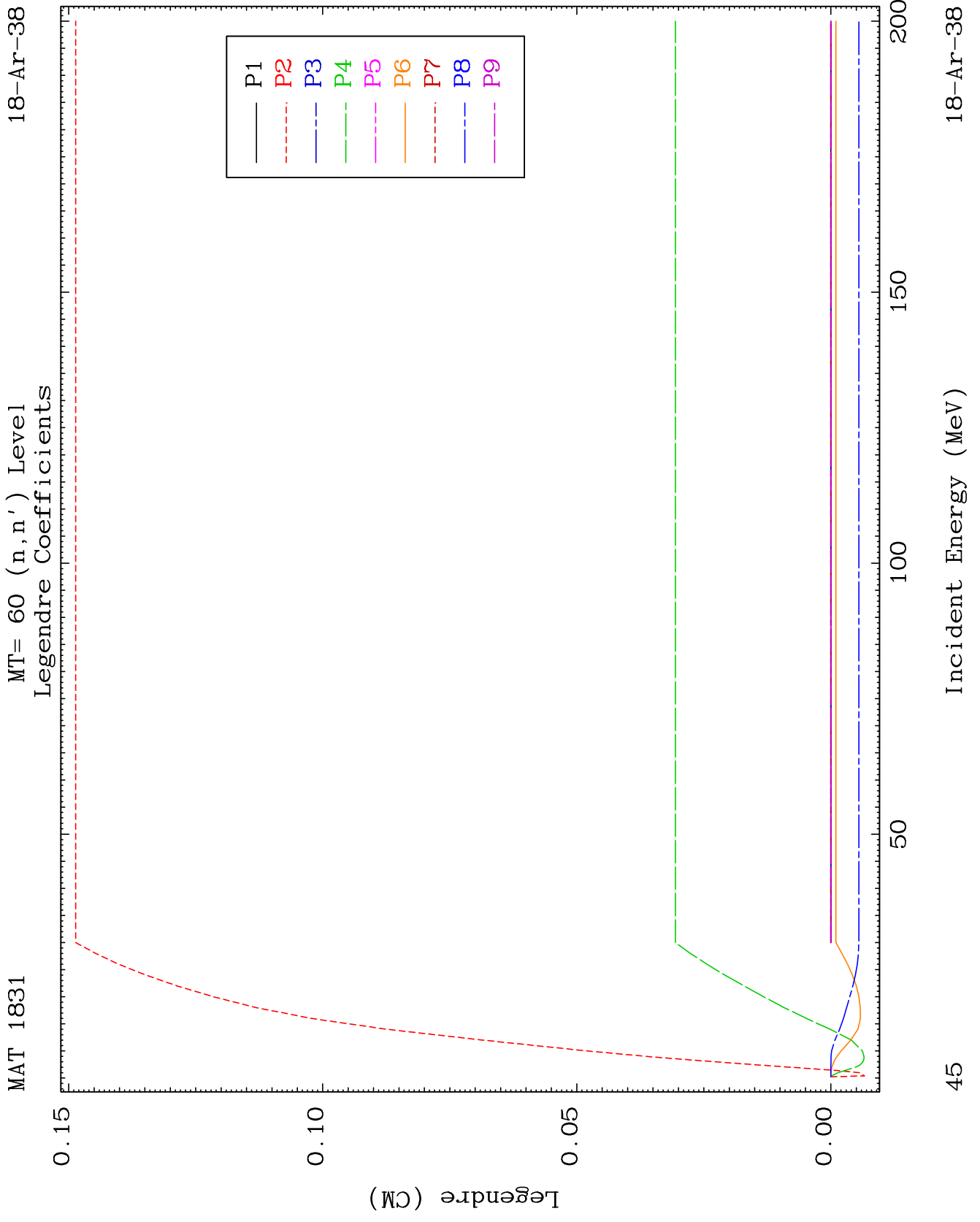
18-Ar-38

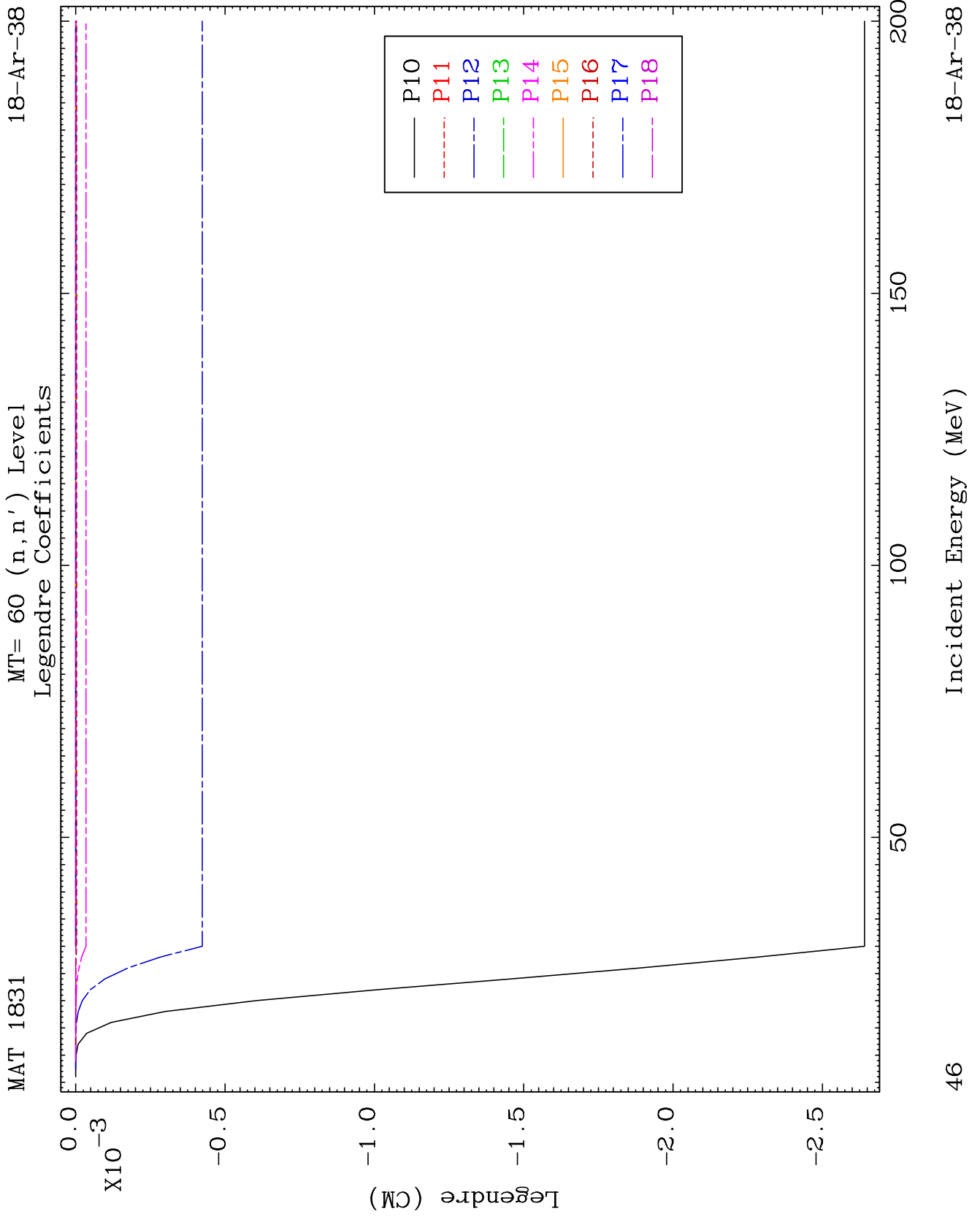


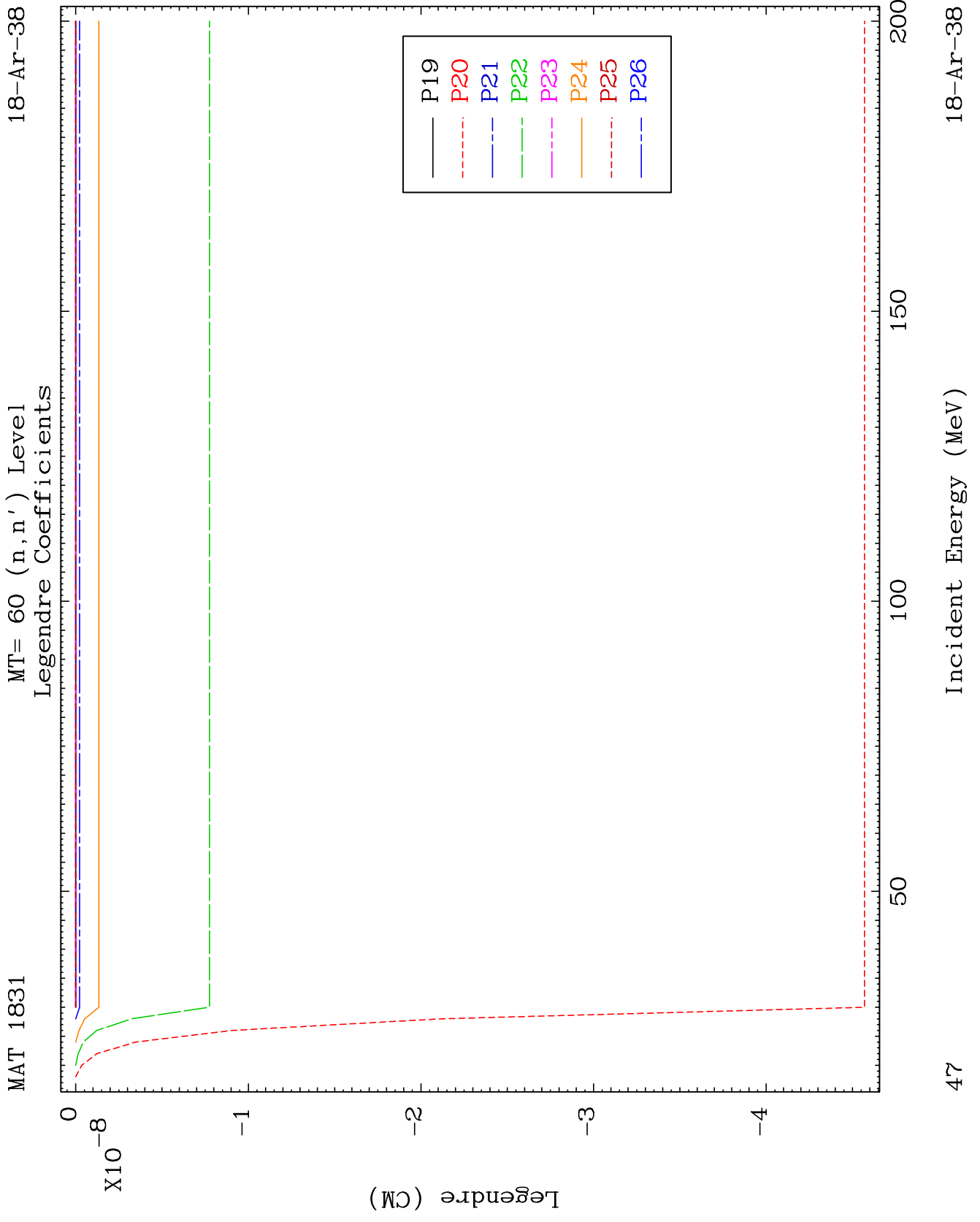
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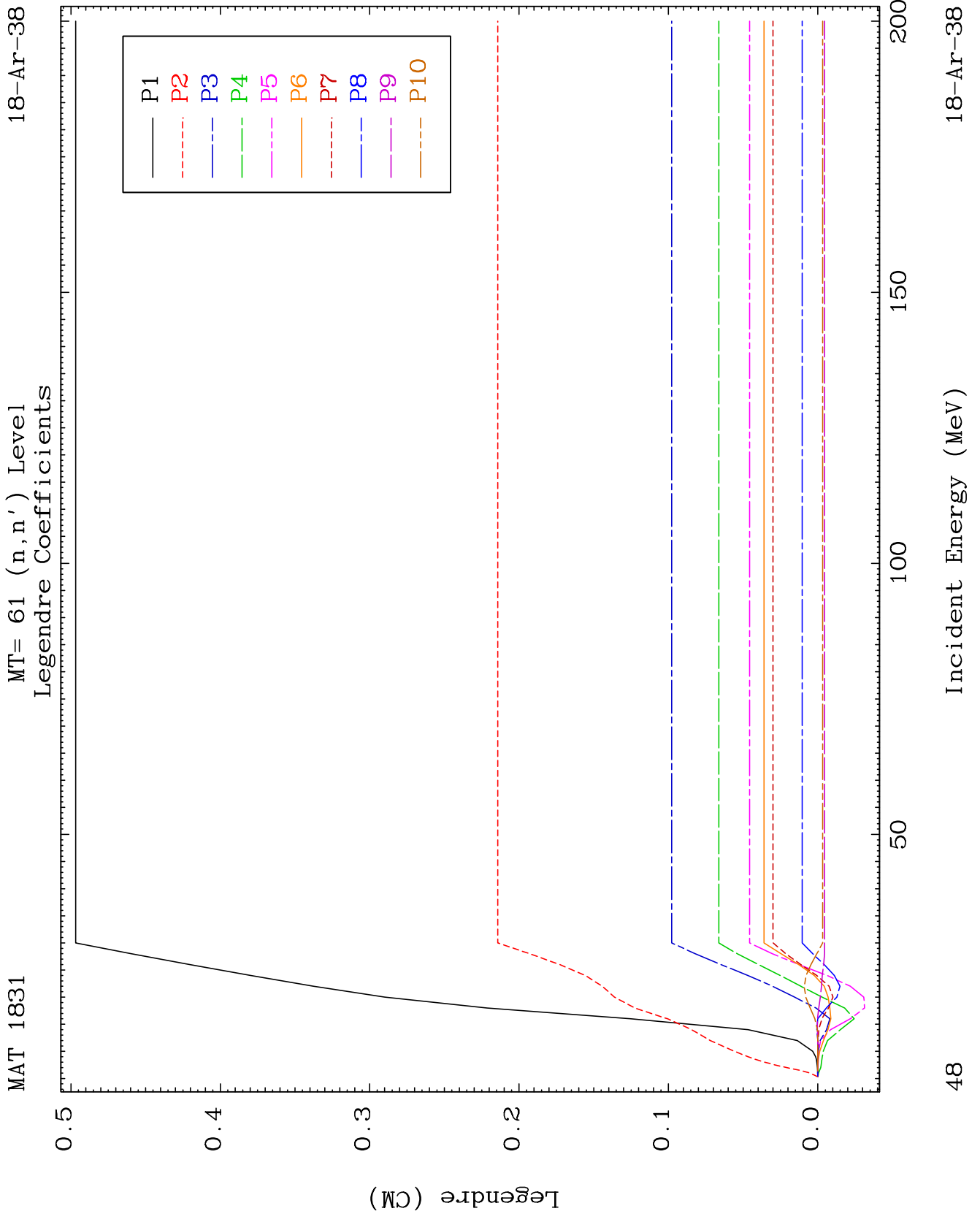
Incident Energy (MeV)

18-Ar-38





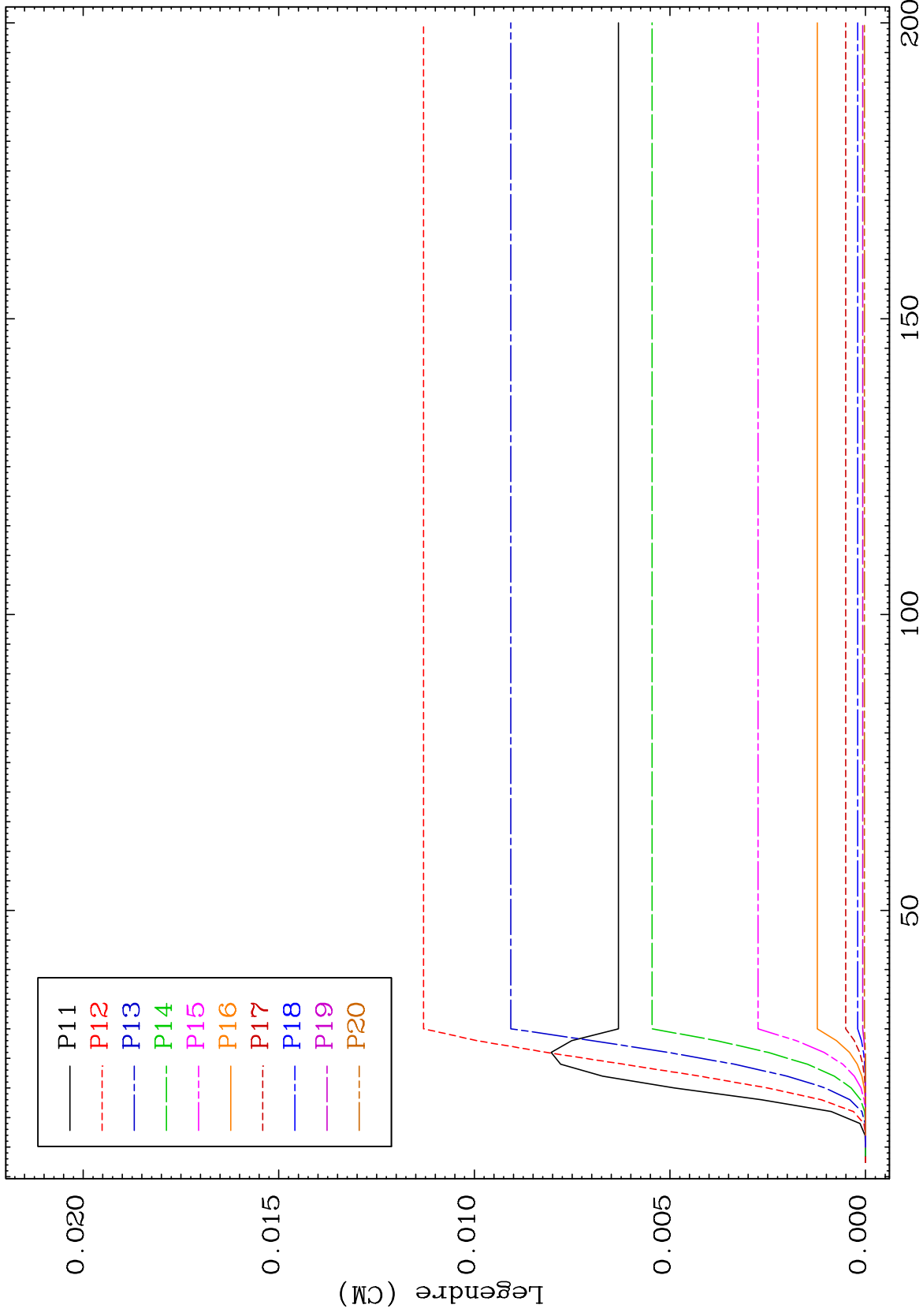




MAT 1831

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

18-Ar-38



49

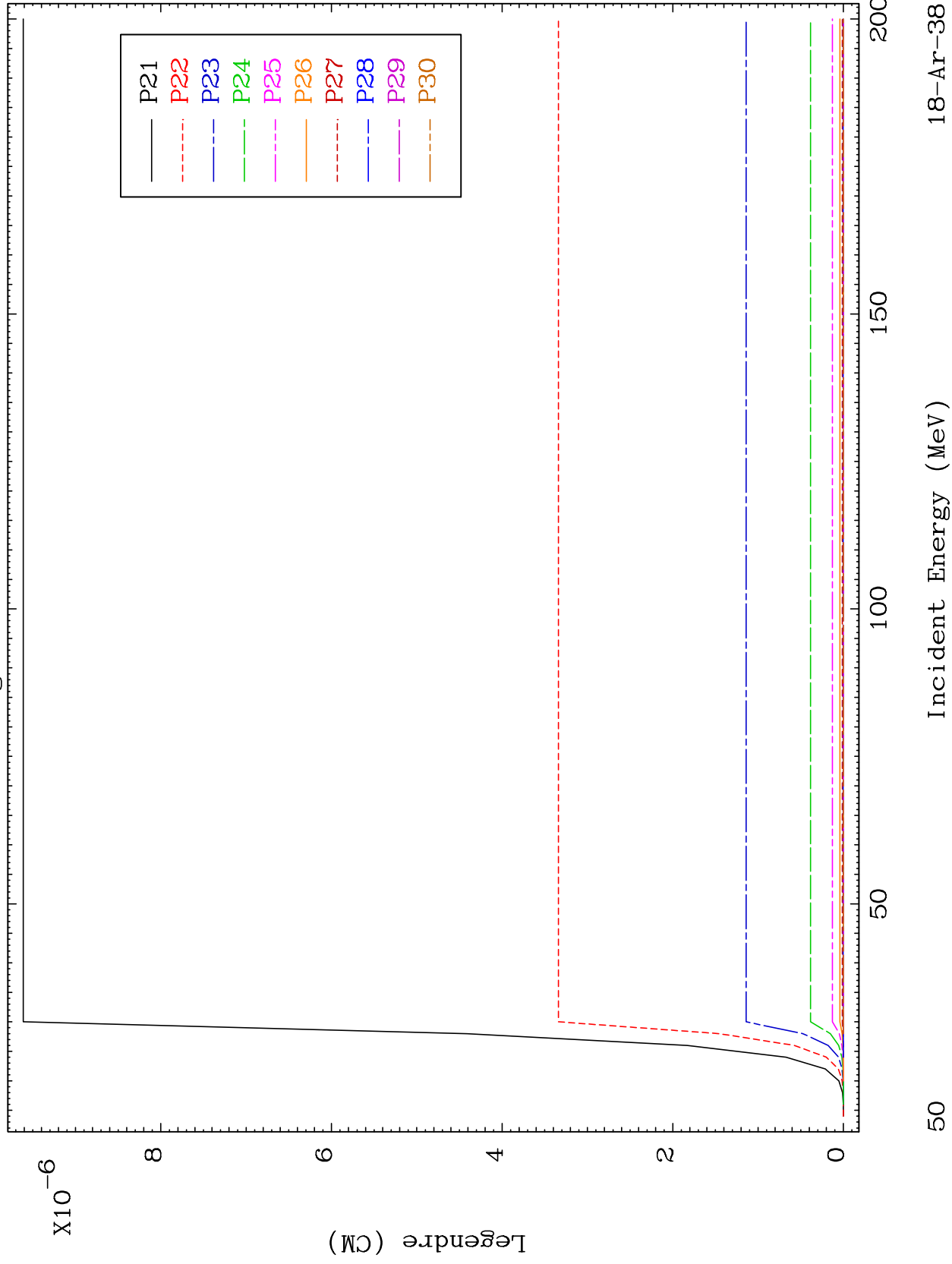
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

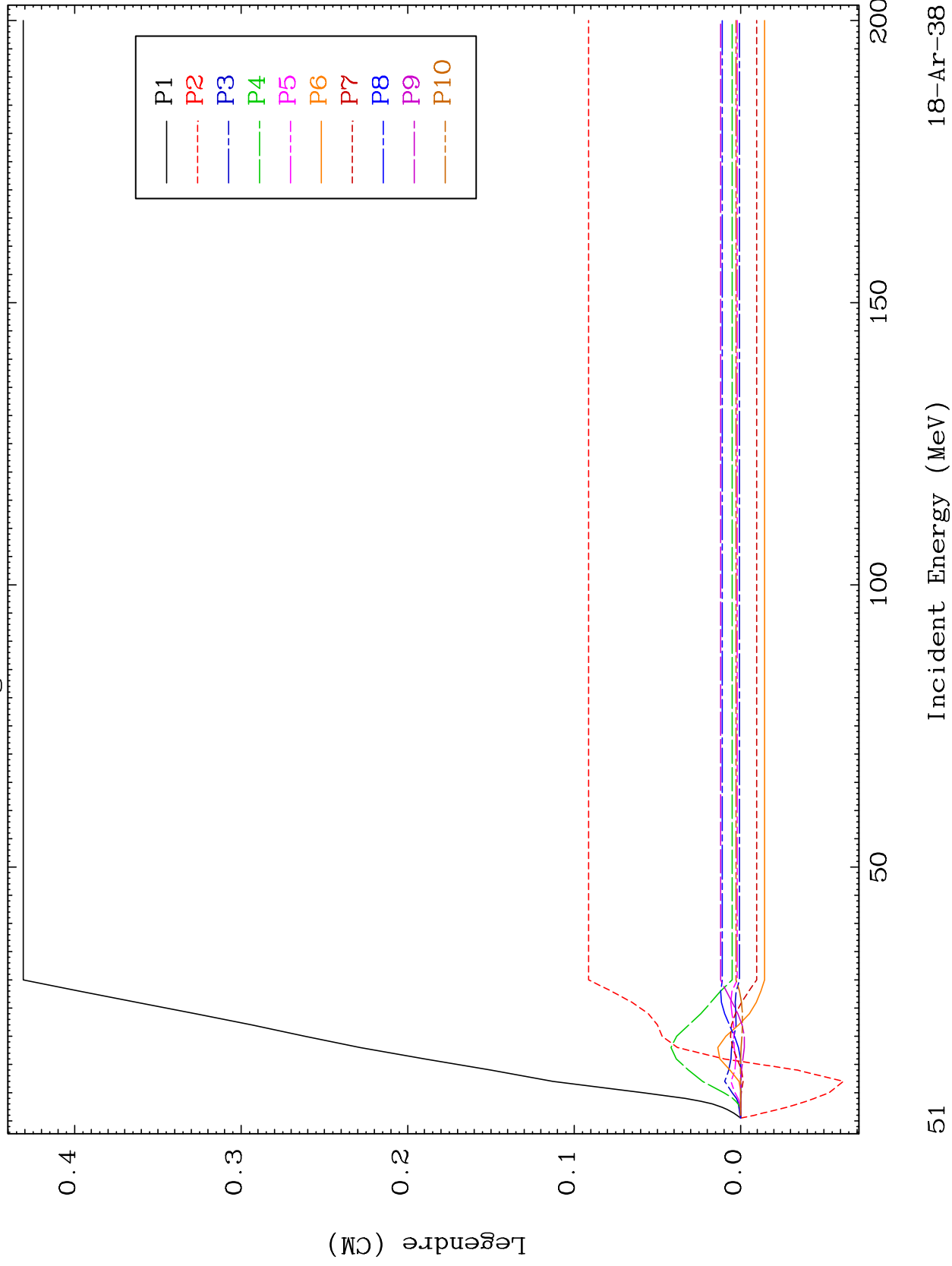
18-Ar-38



MAT 1831

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

18-Ar-38



51

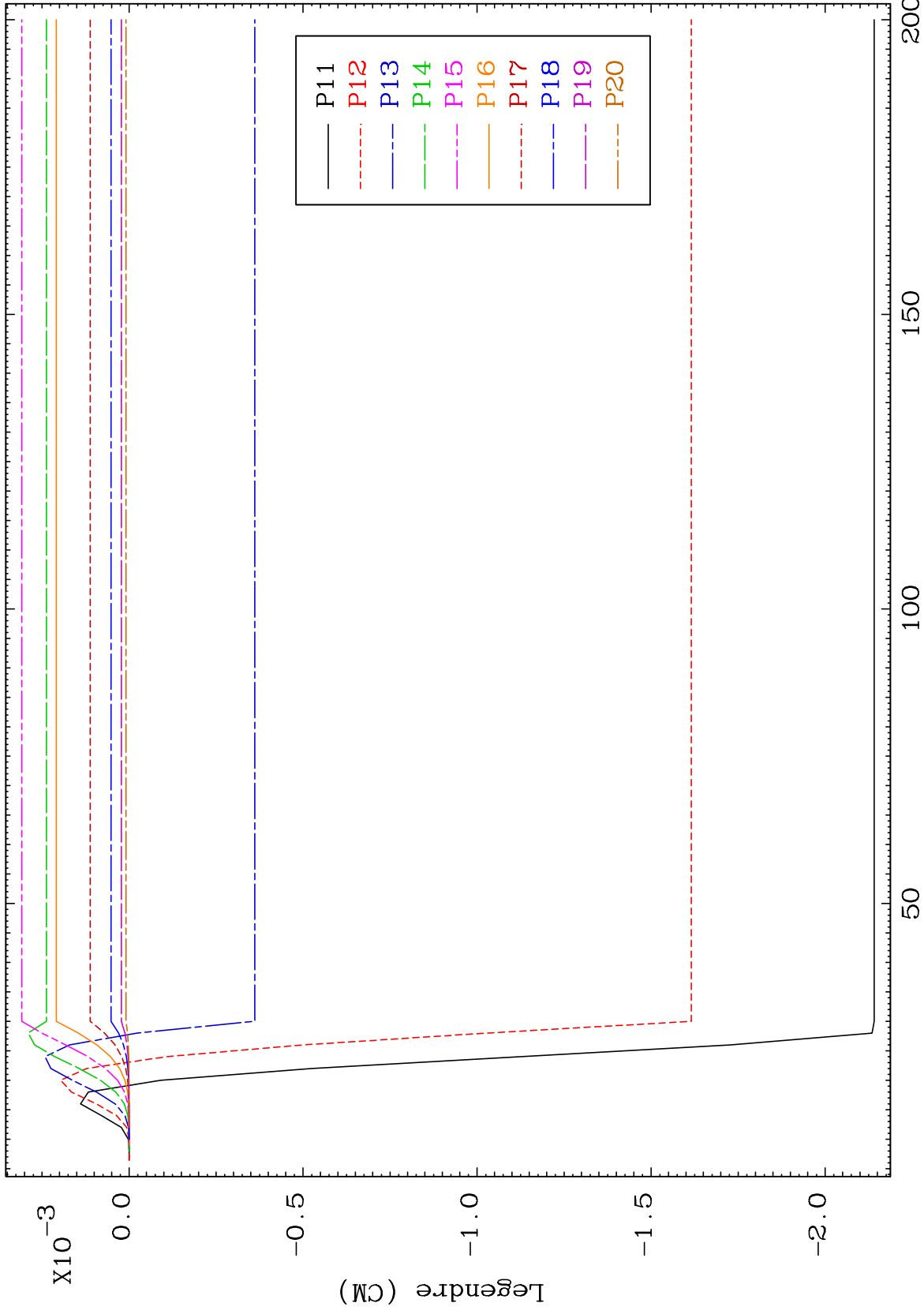
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



52

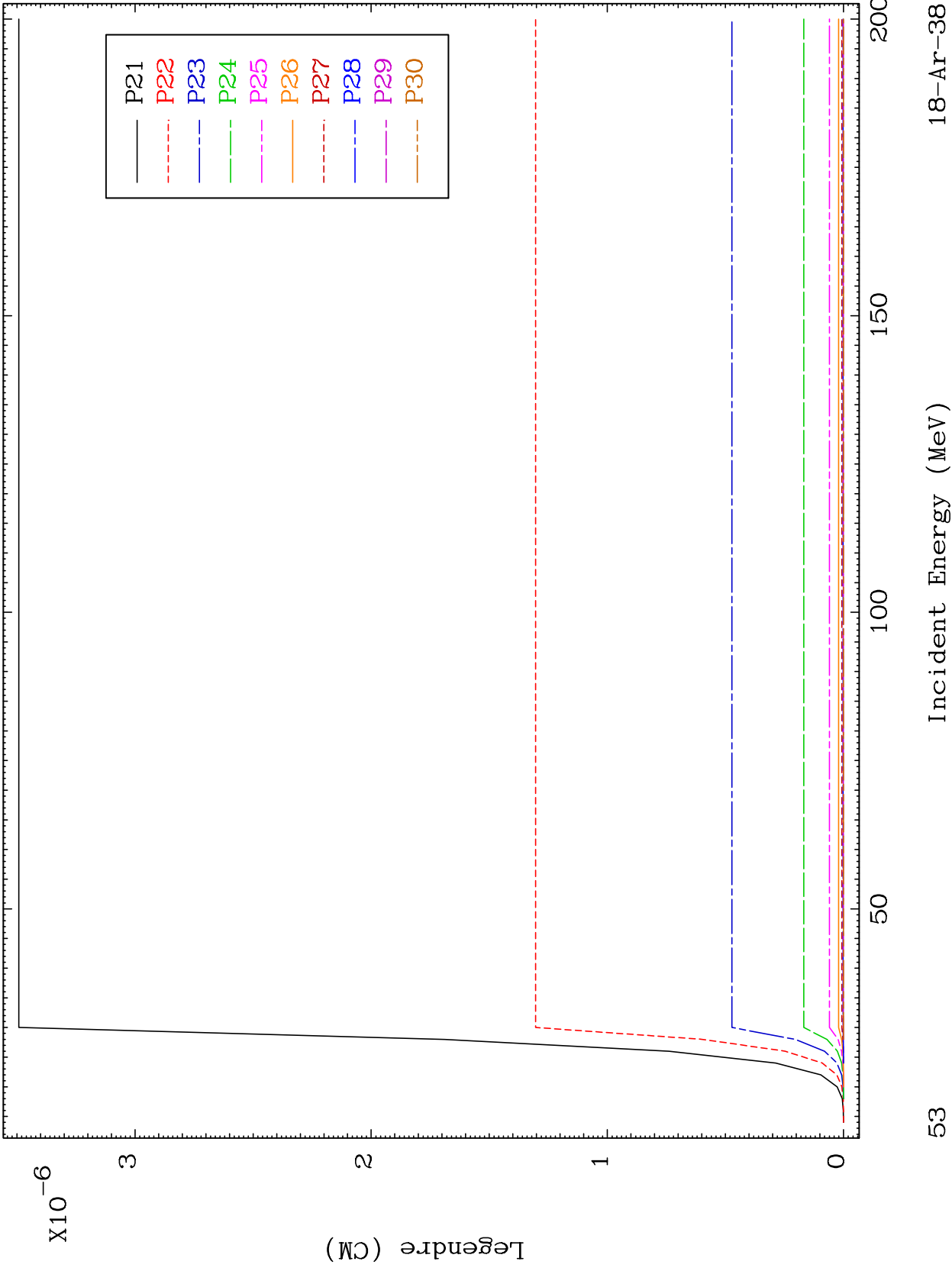
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

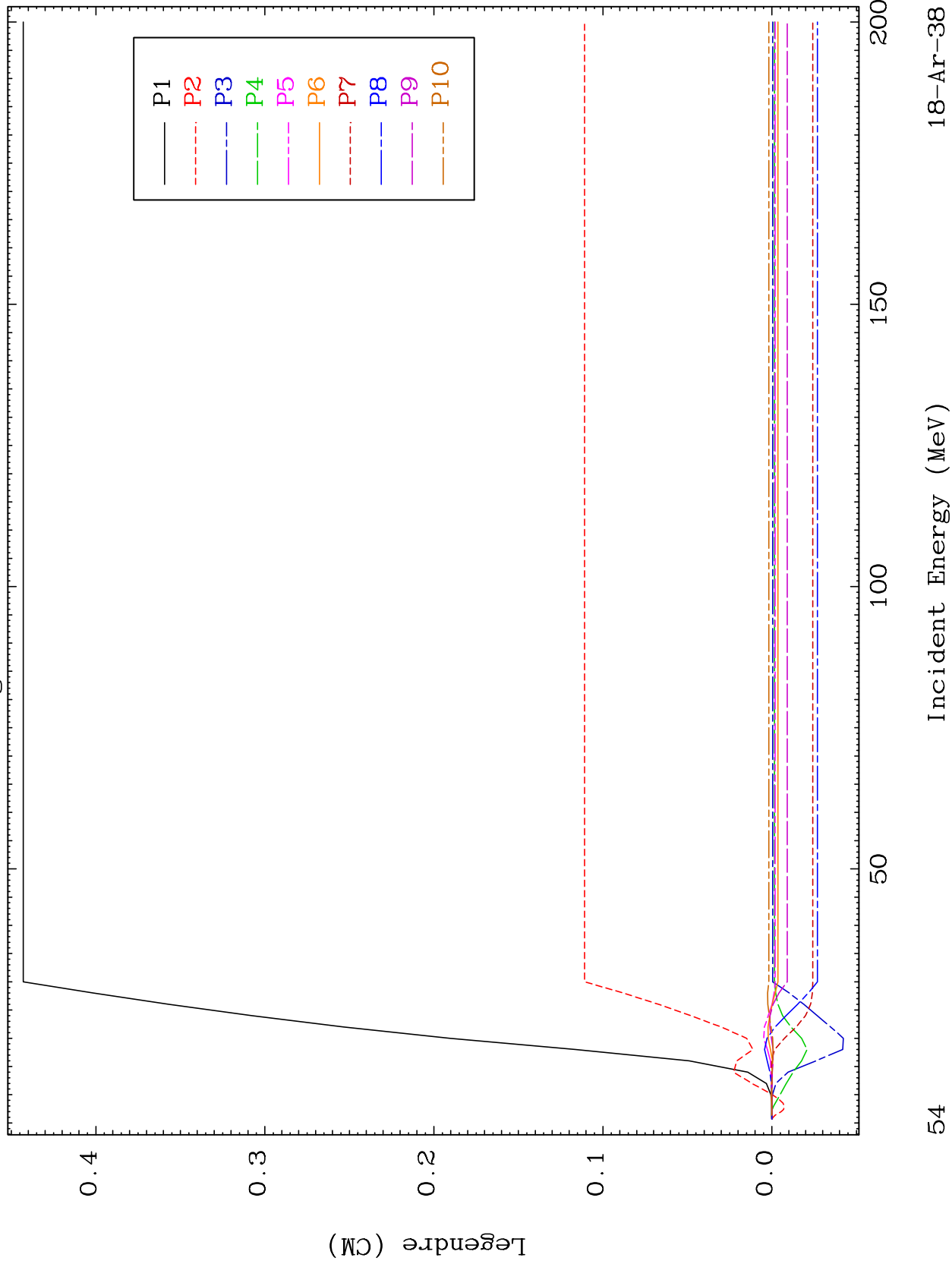
18-Ar-38



MAT 1831

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

18-Ar-38



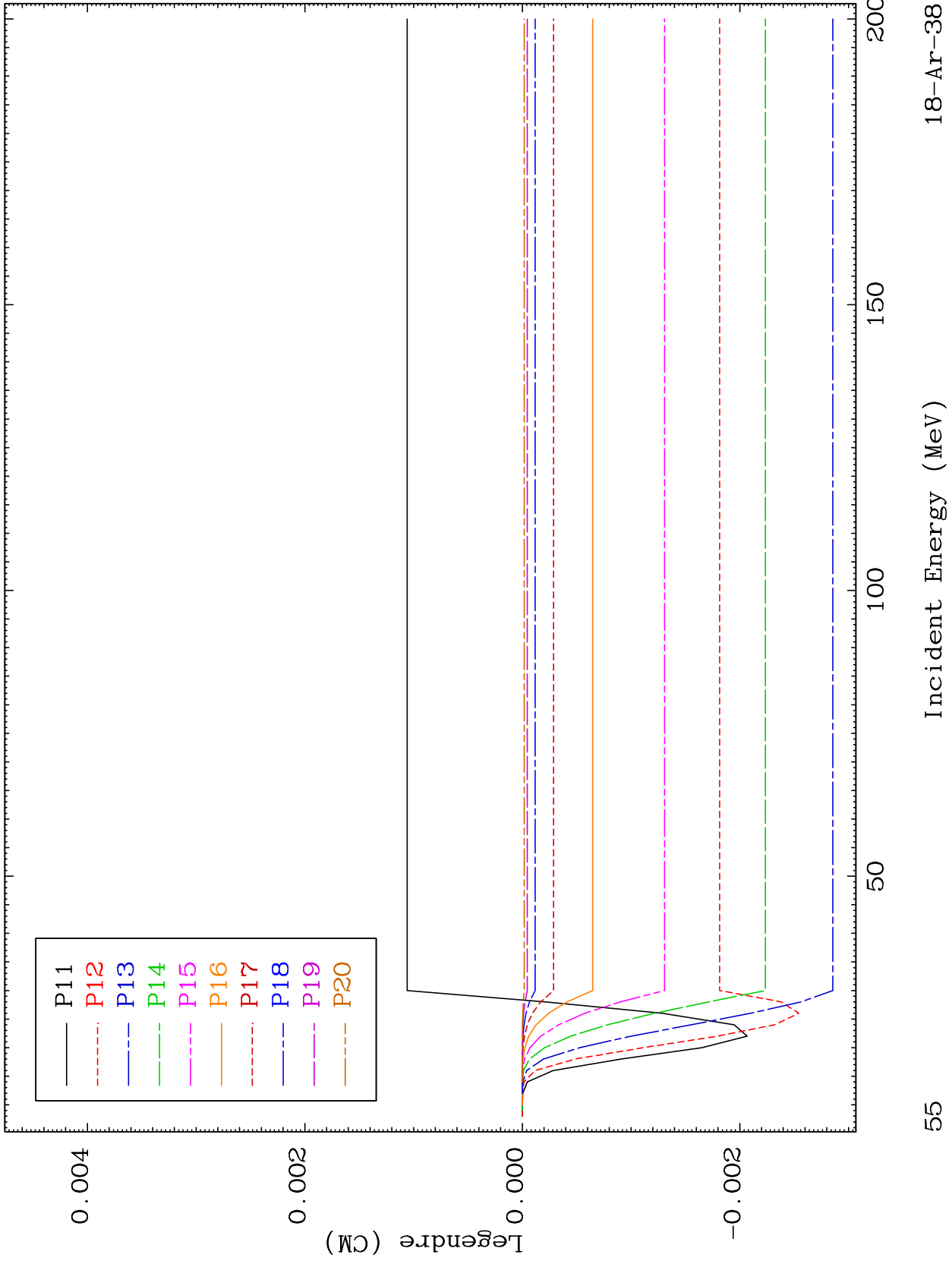
54

18-Ar-38

MAT 1831

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

18-Ar-38



55

Incident Energy (MeV)

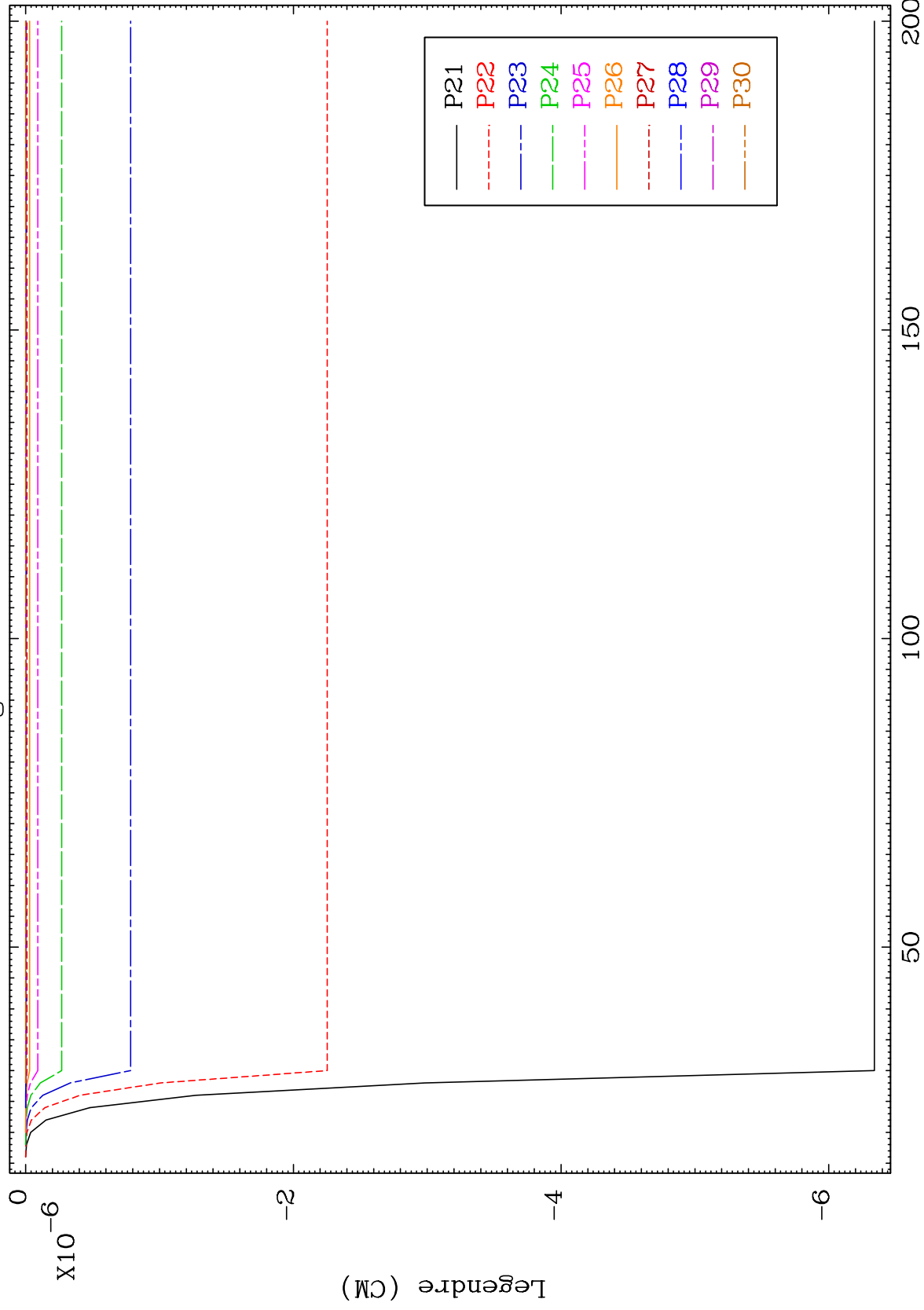
18-Ar-38

MAT 1831

MT= 63 (n,n') Level

18-Ar-38

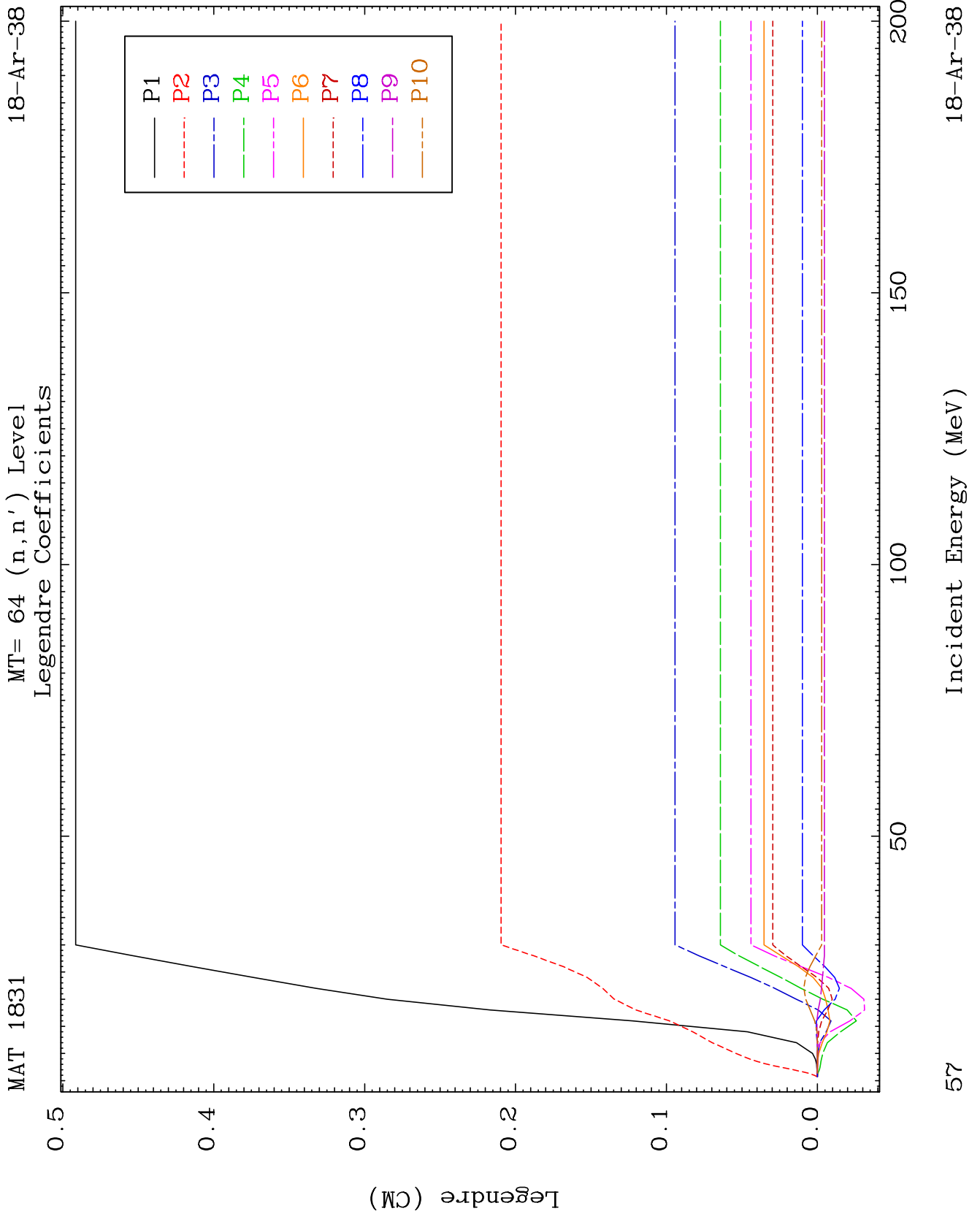
Legendre Coefficients



56

Incident Energy (MeV)

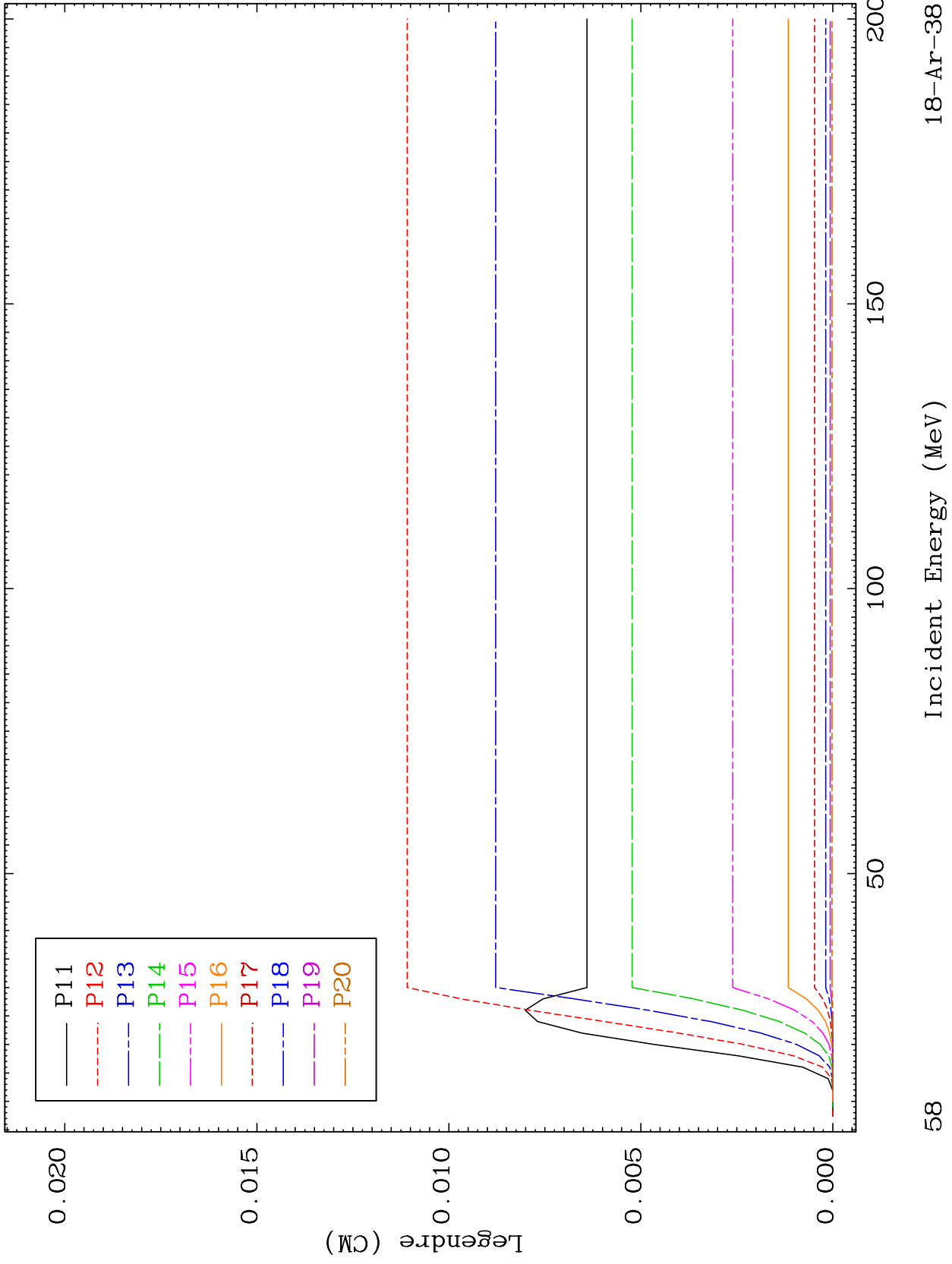
18-Ar-38



MAT 1831

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

18-Ar-38



58

Incident Energy (MeV)

18-Ar-38

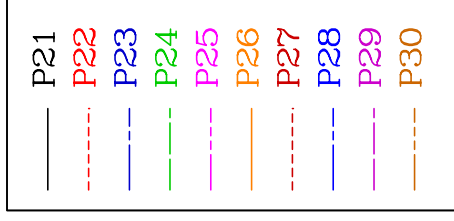
MAT 1831

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

18-Ar-38

$\times 10^{-6}$

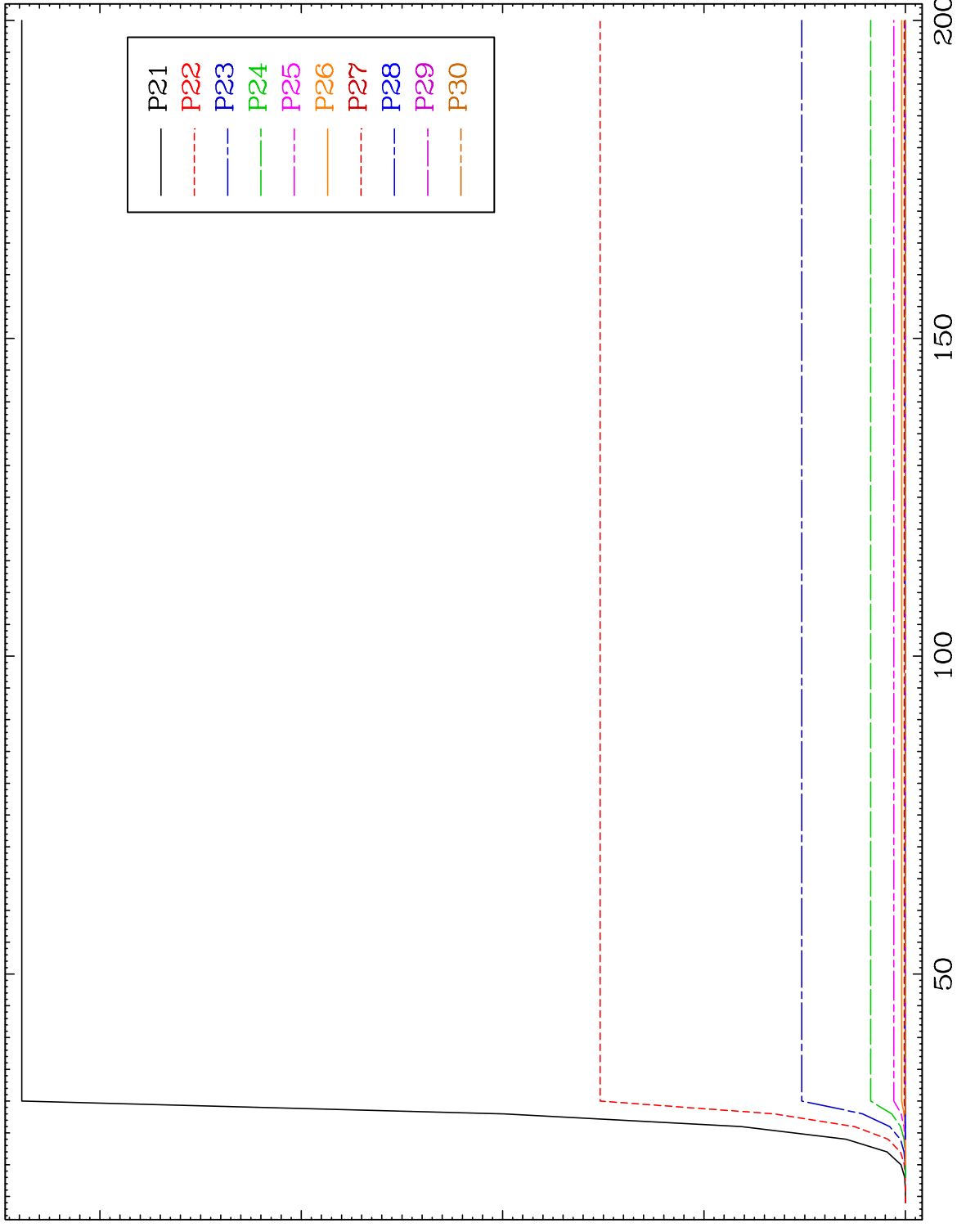
Legendre (CM)



59

Incident Energy (MeV)

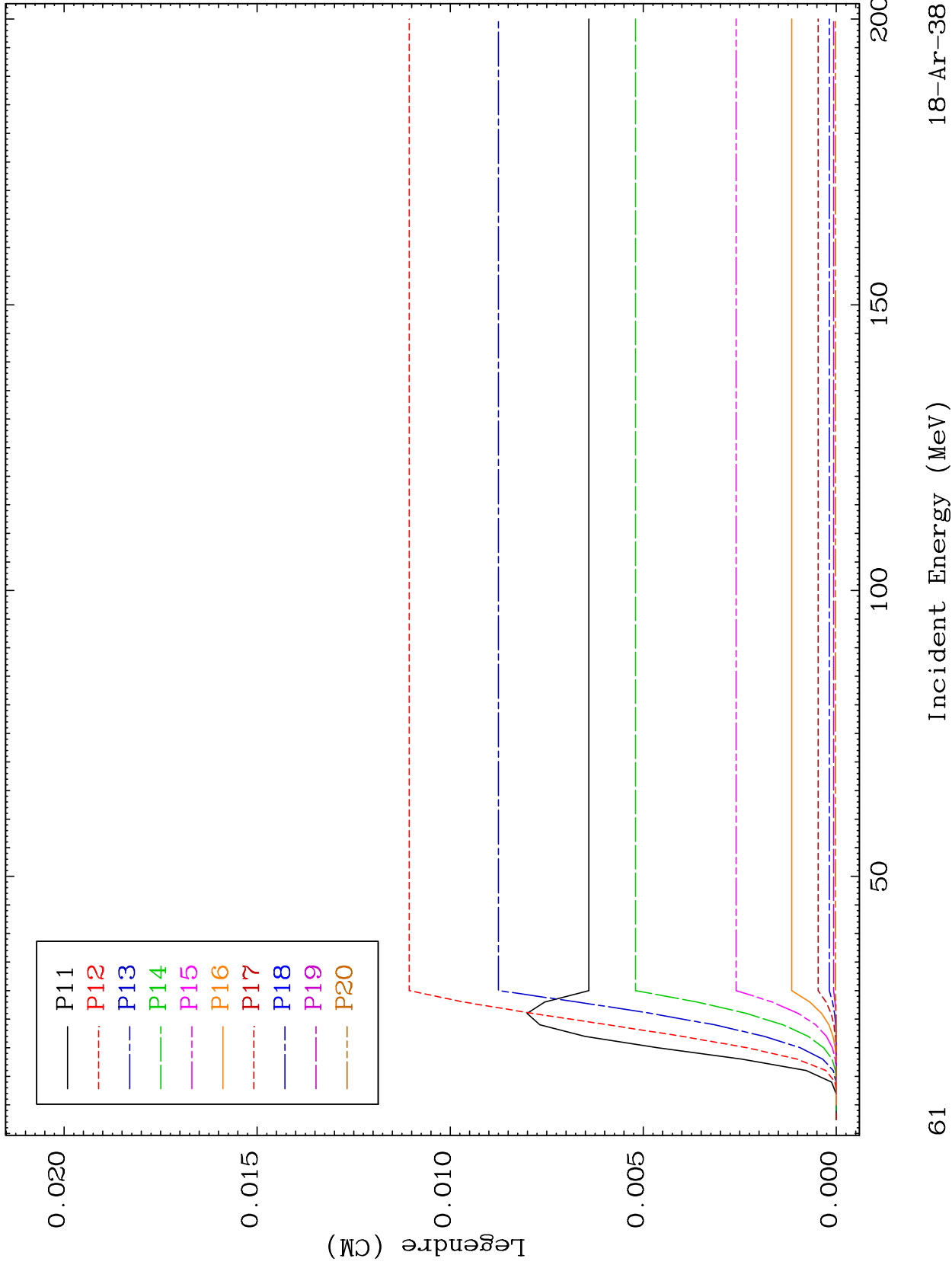
18-Ar-38



MAT 1831

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

18-Ar-38



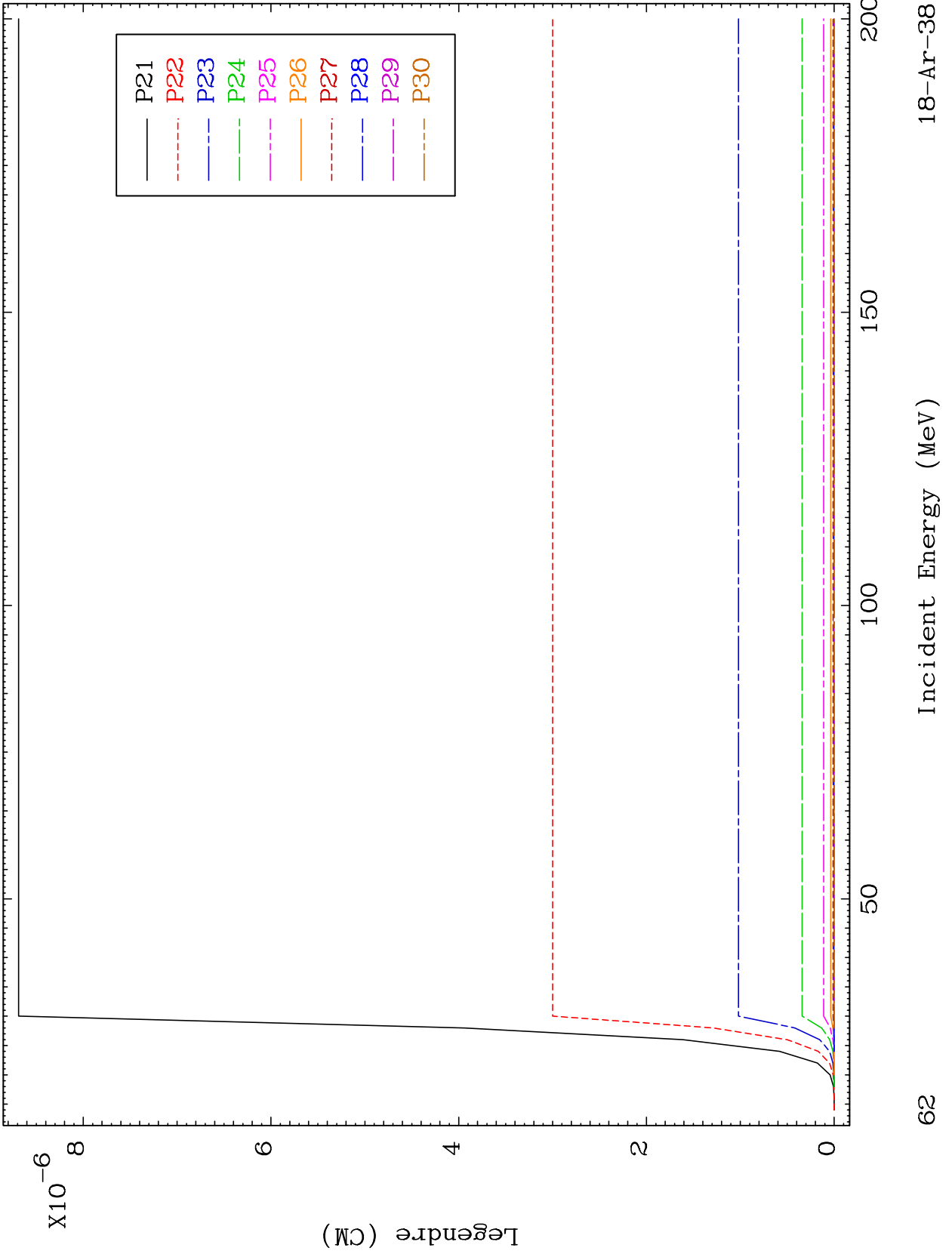
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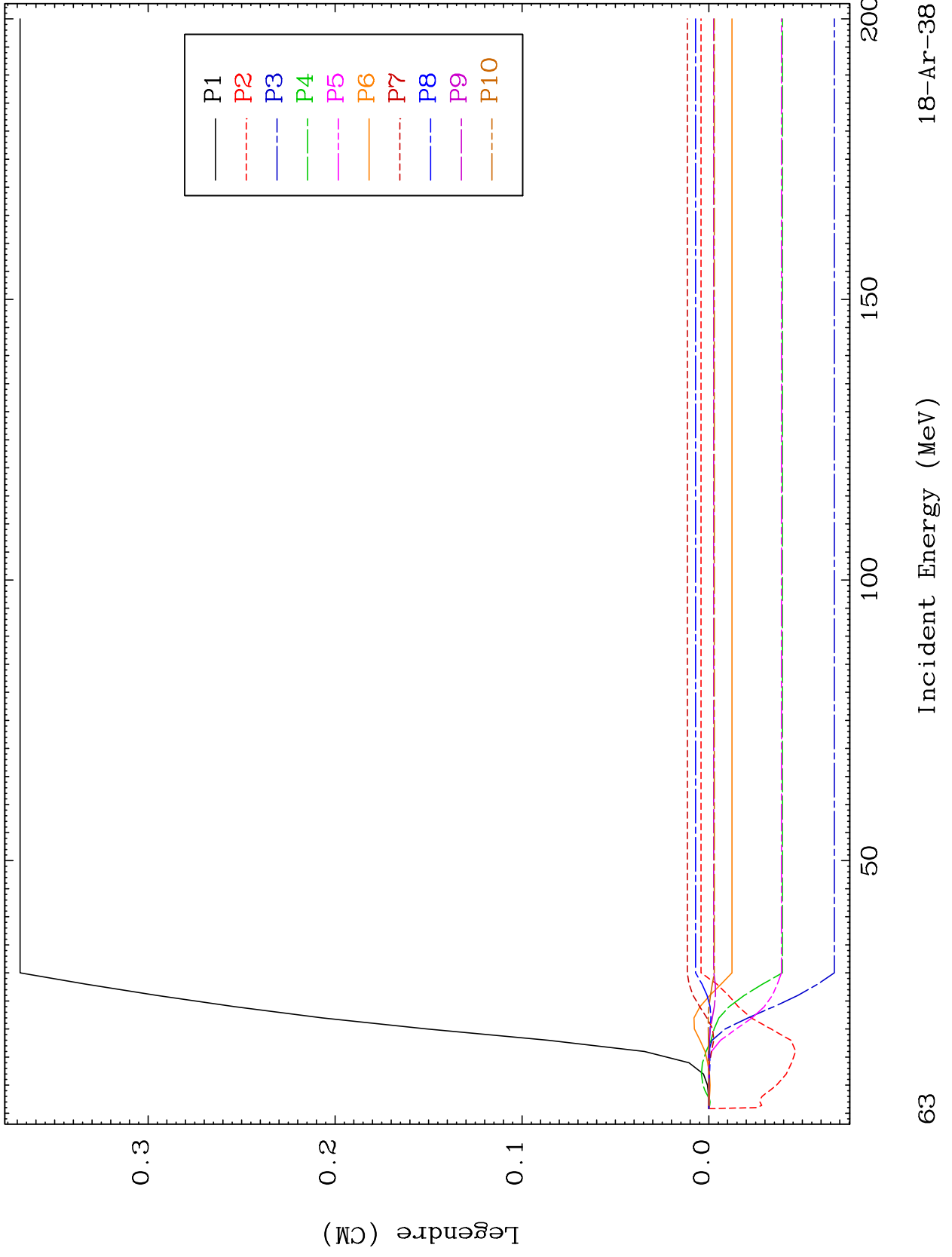
18-Ar-38

MAT 1831

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

18-Ar-38

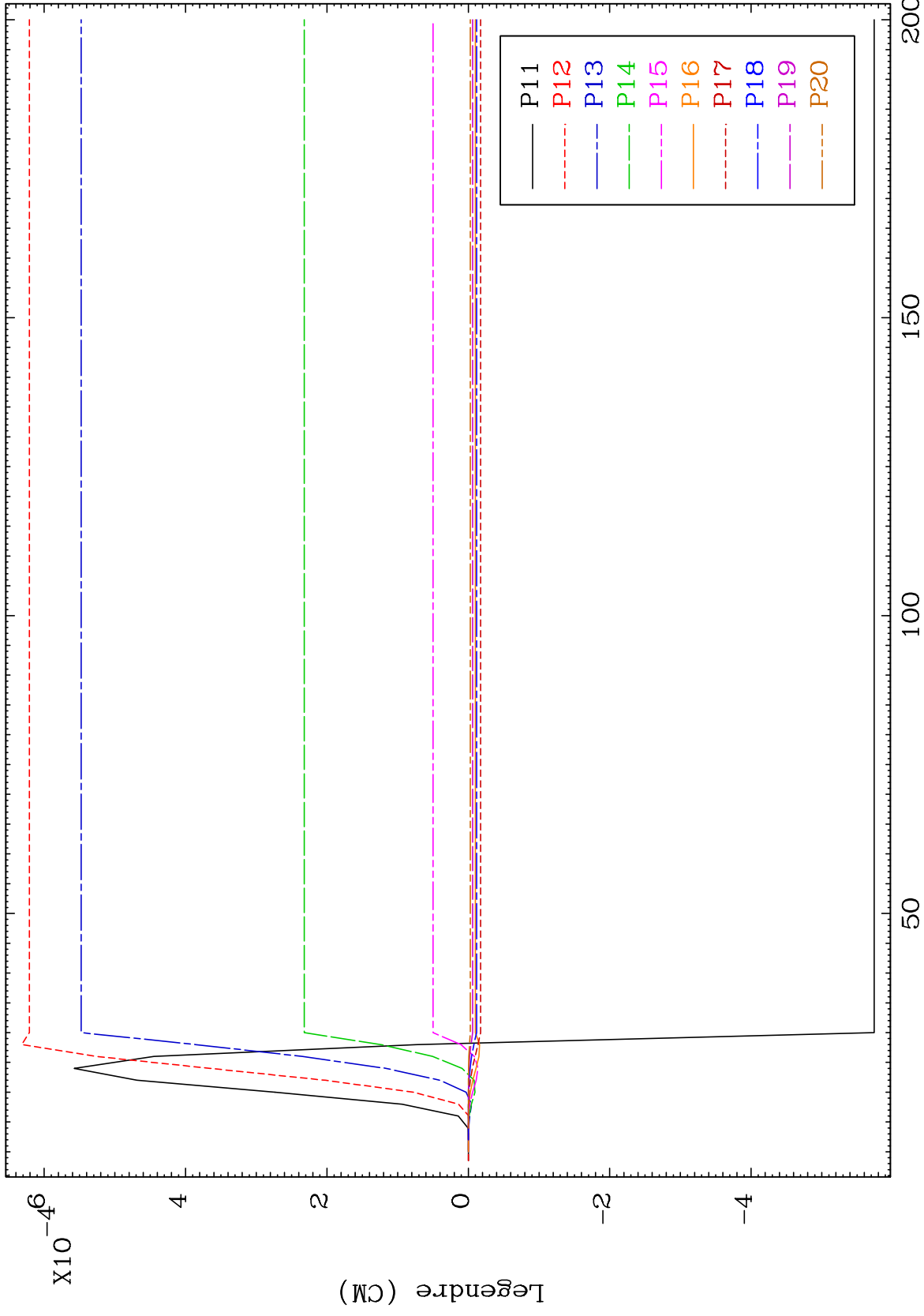




MAT 1831

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

18-Ar-38



64

Incident Energy (MeV)

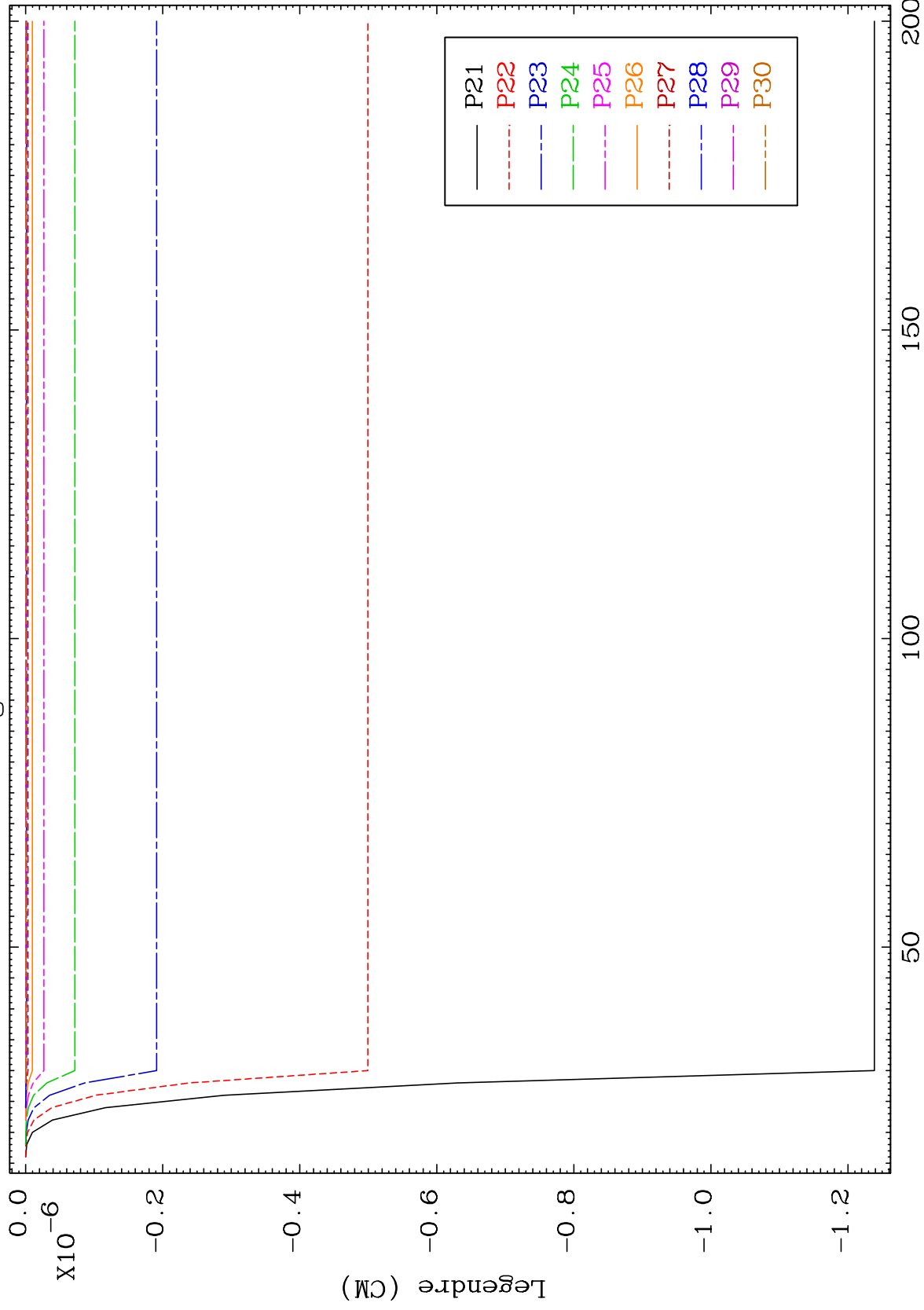
18-Ar-38

MAT 1831

MT= 66 (n,n') Level

18-Ar-38

Legendre Coefficients



65

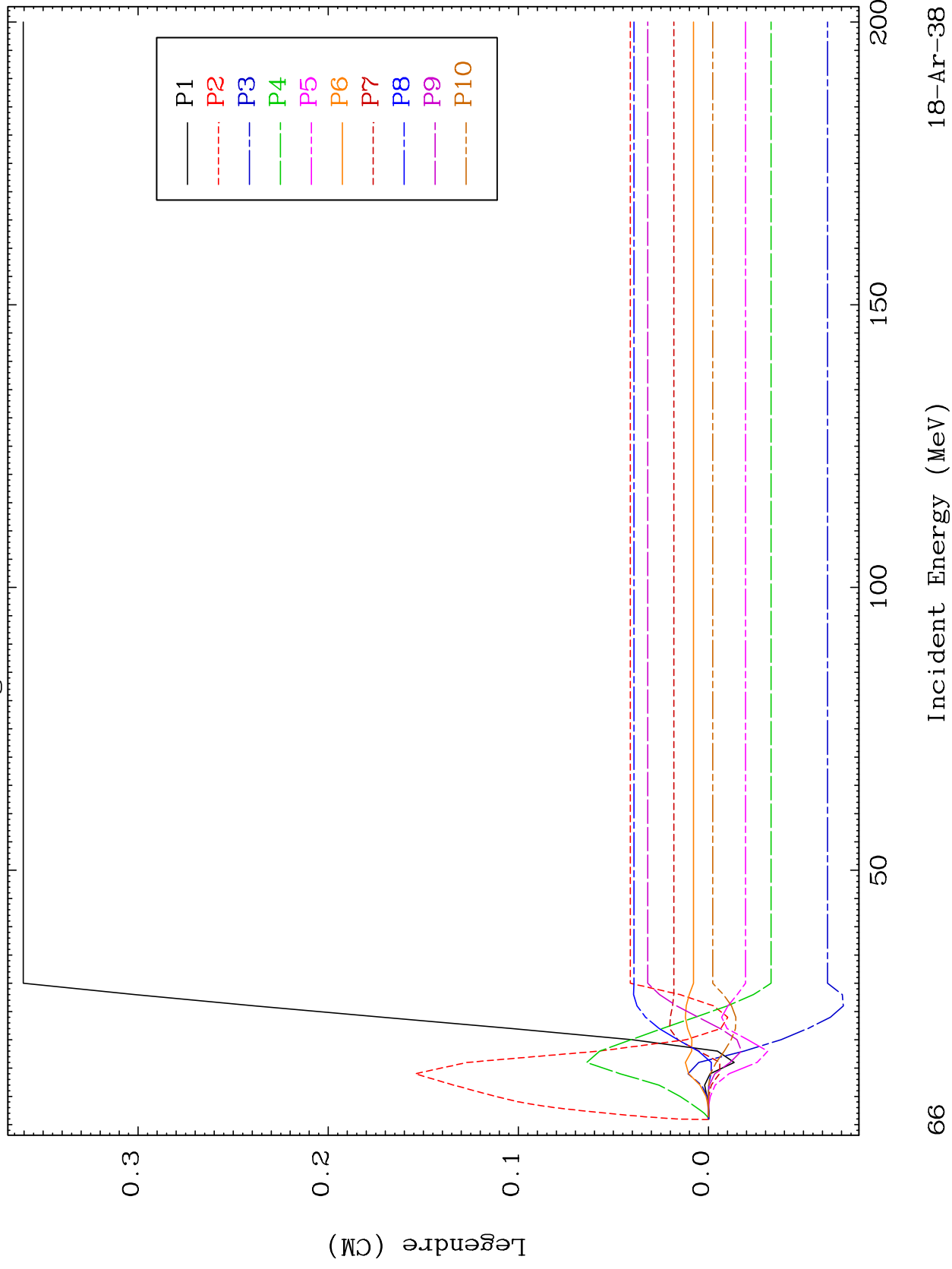
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

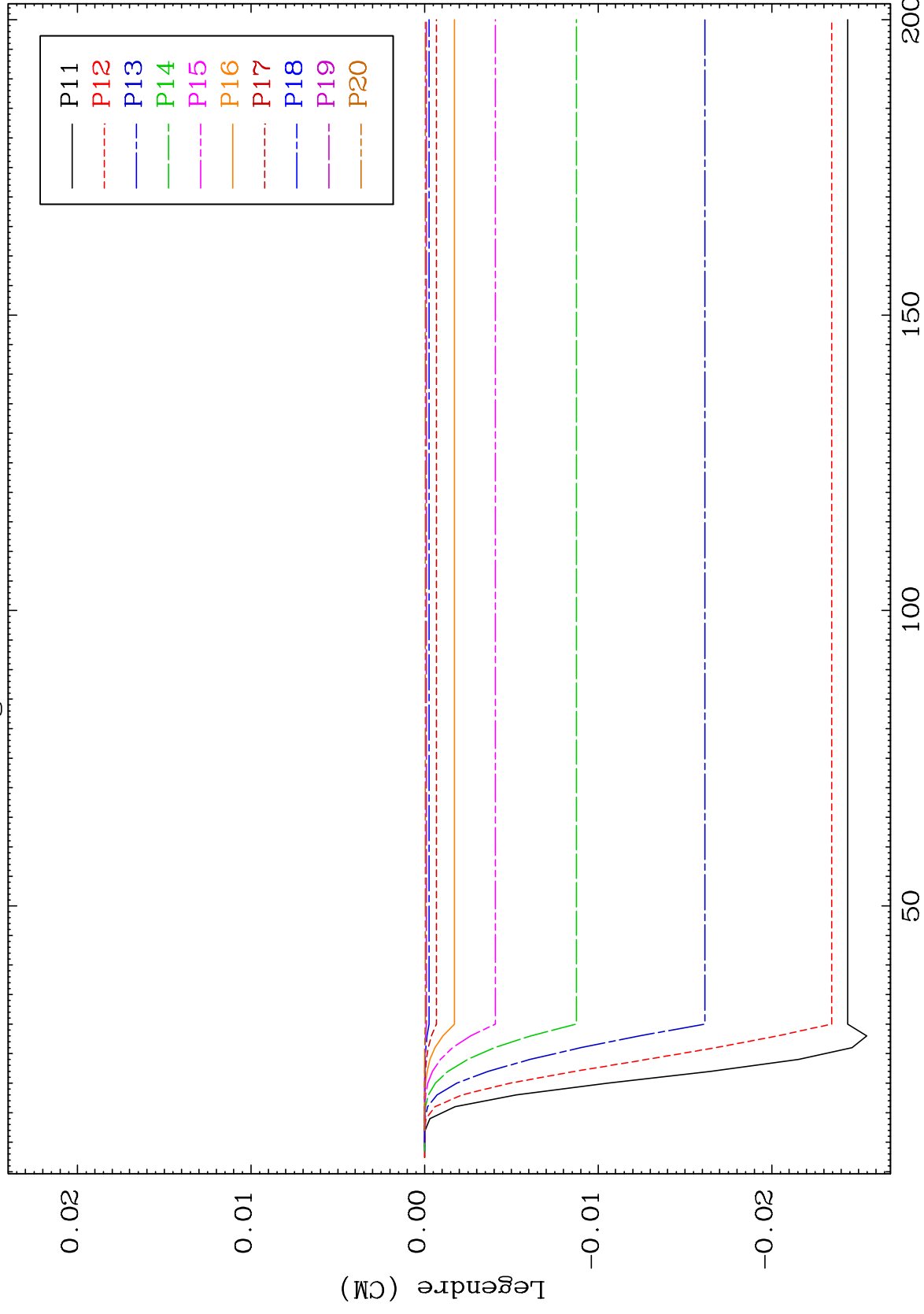
18-Ar-38



MAT 1831

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

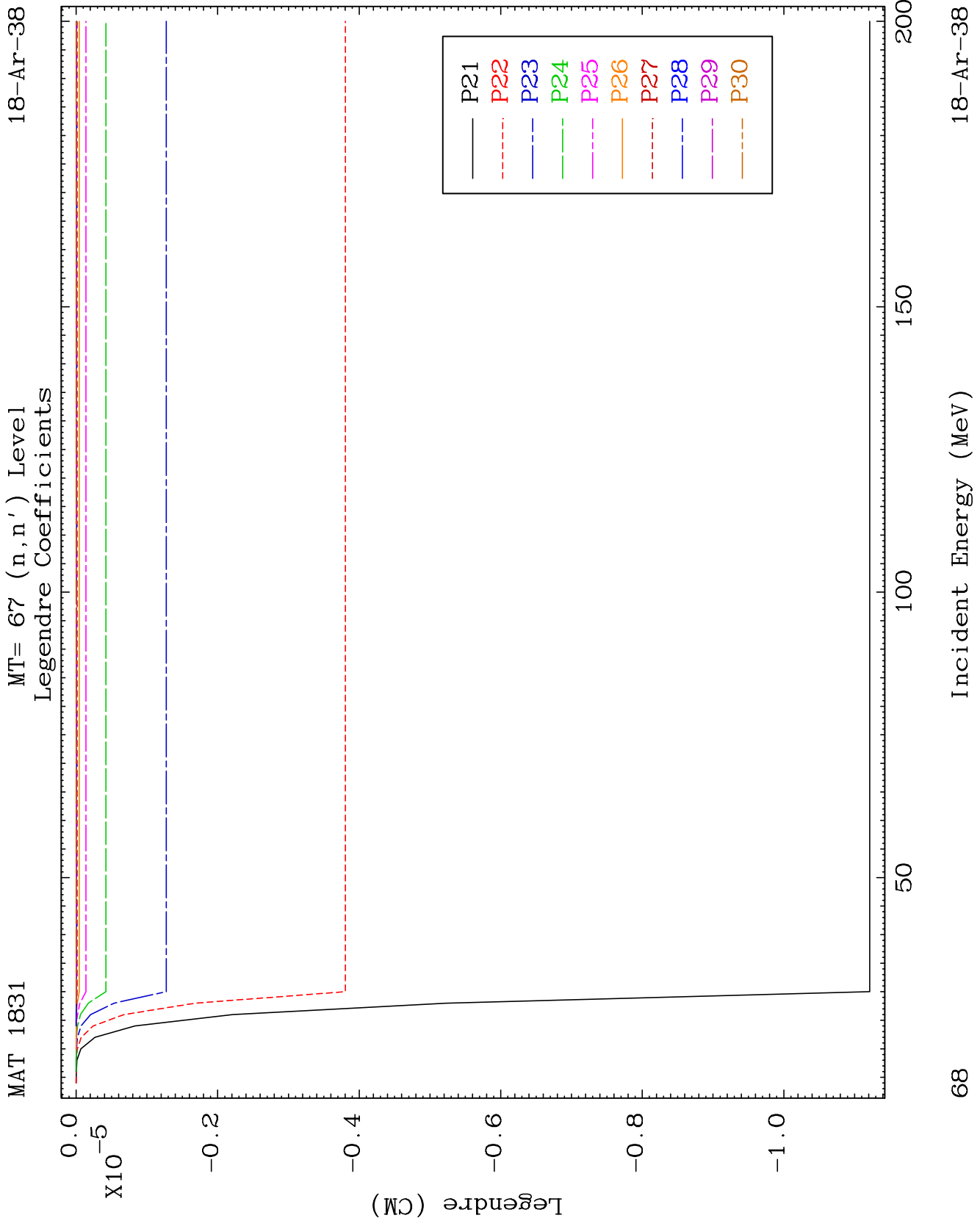
18-Ar-38



67

Incident Energy (MeV)

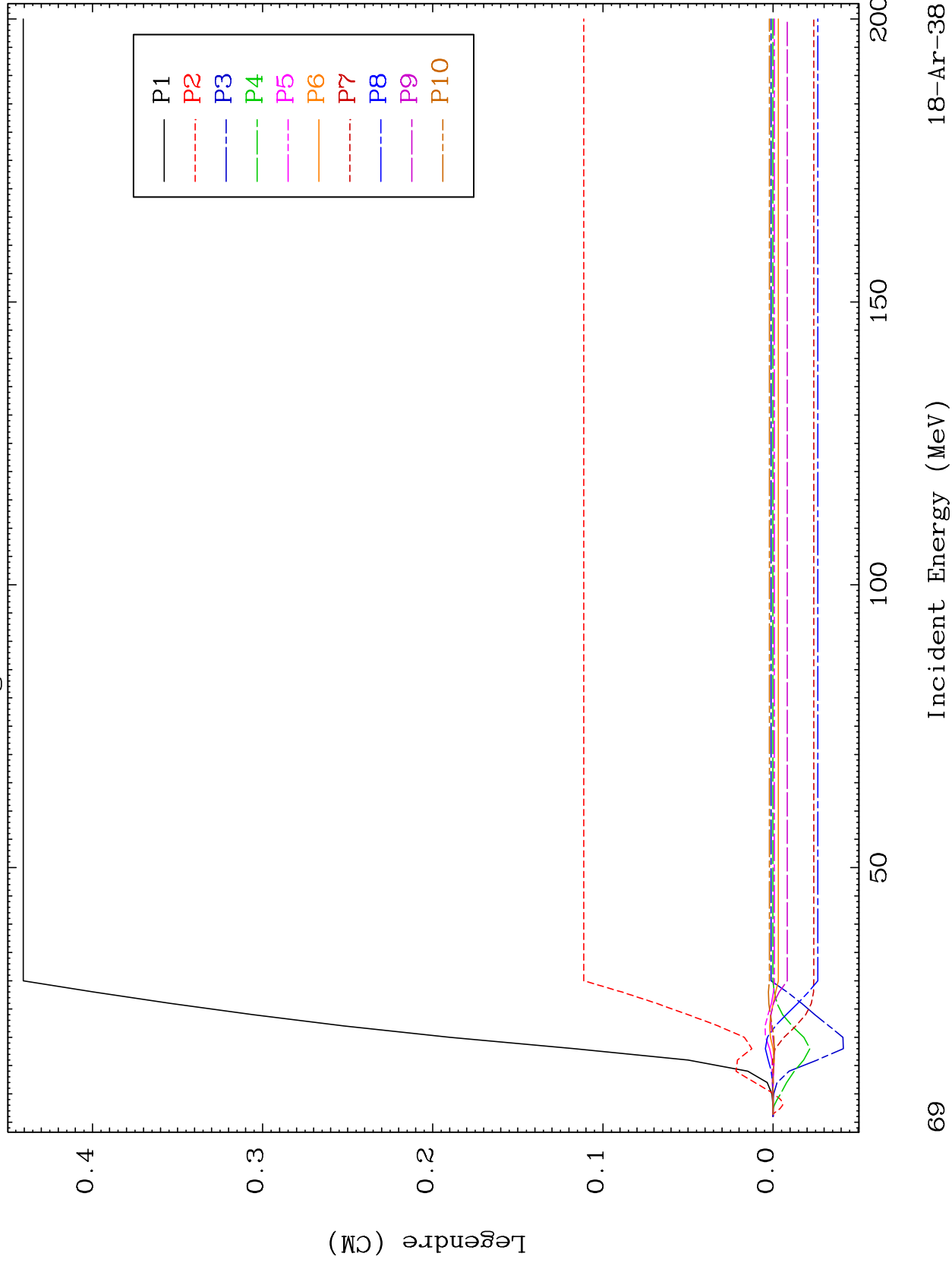
18-Ar-38



MAT 1831

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

18-Ar-38



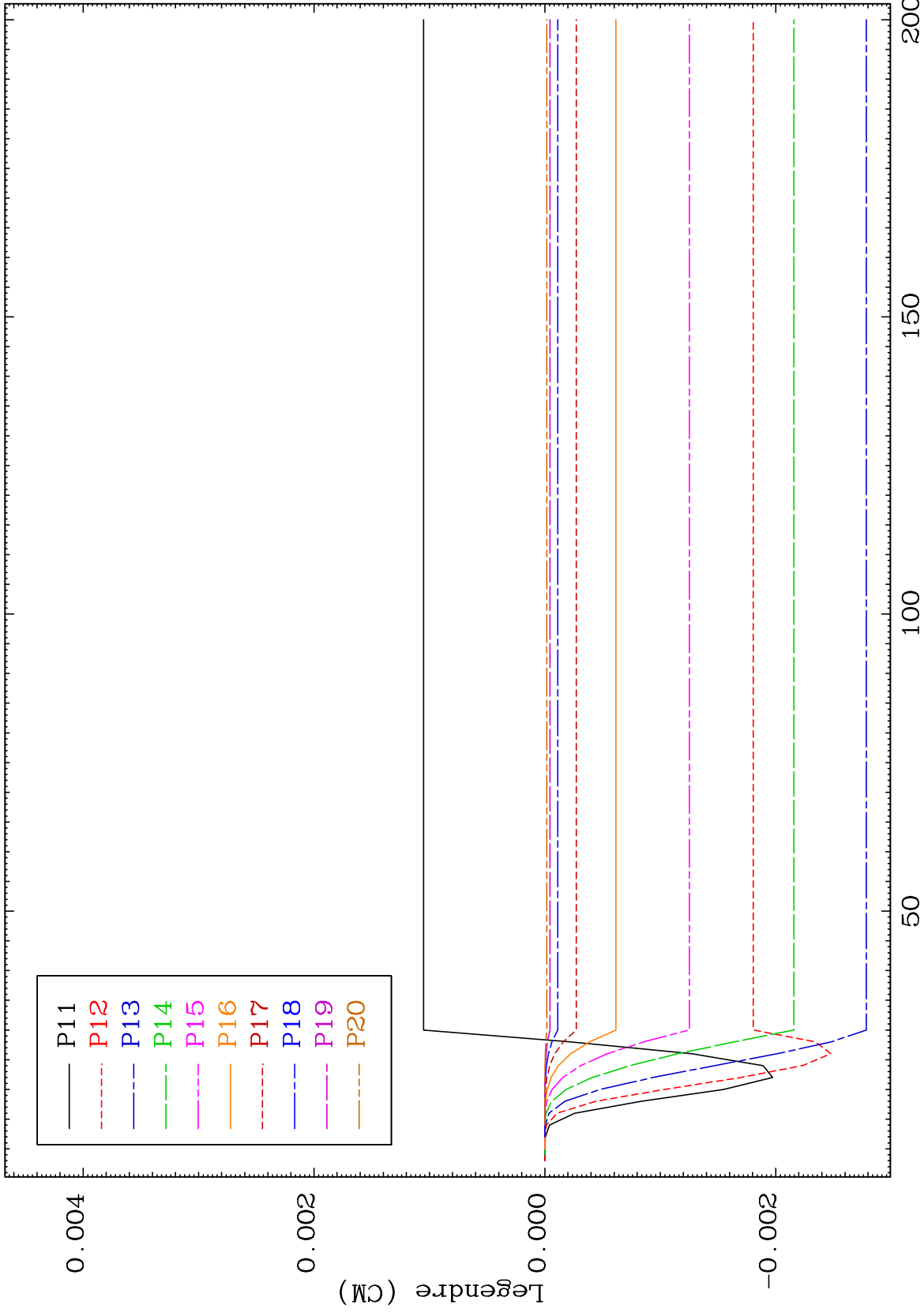
69

18-Ar-38

MAT 1831

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

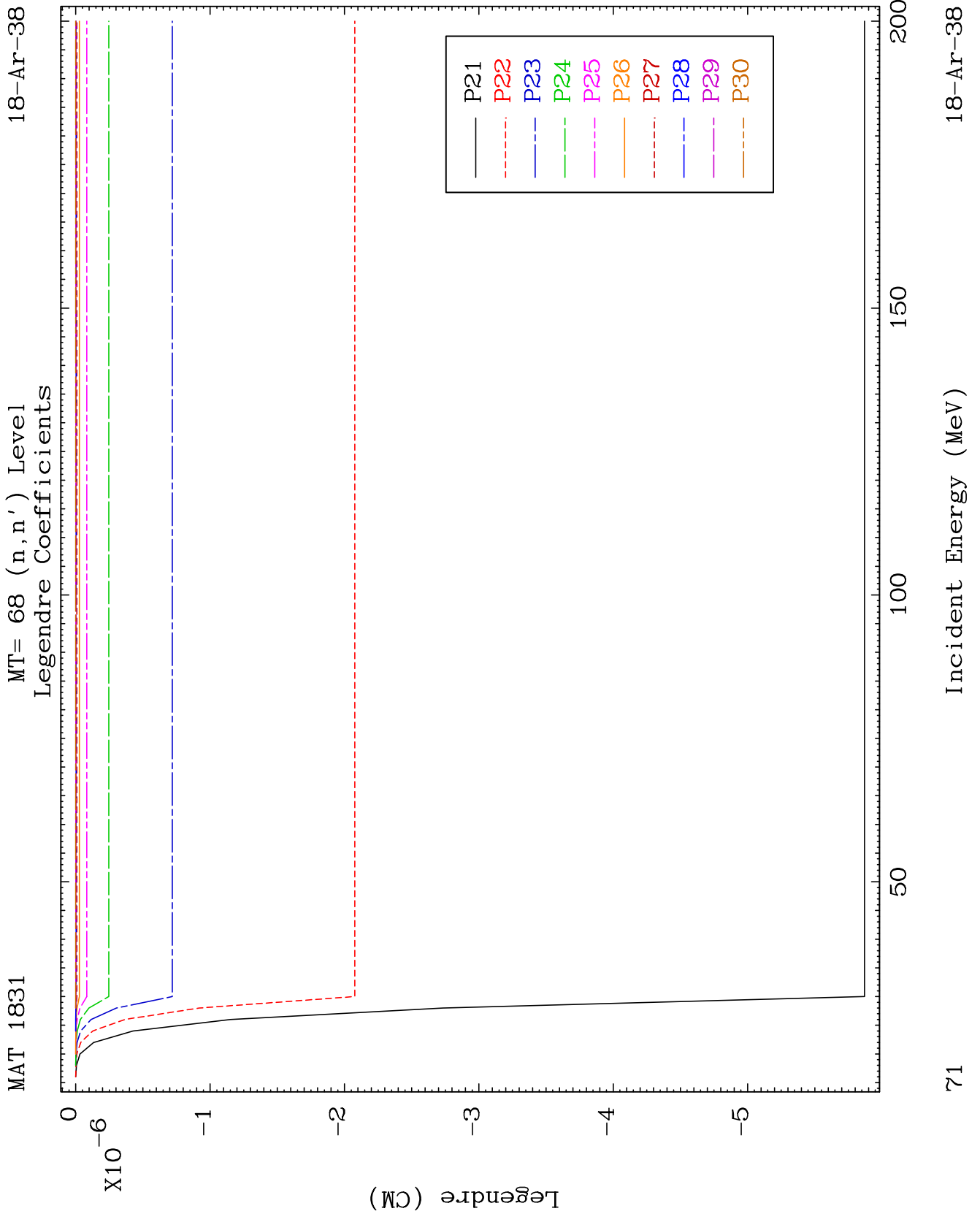
18-Ar-38

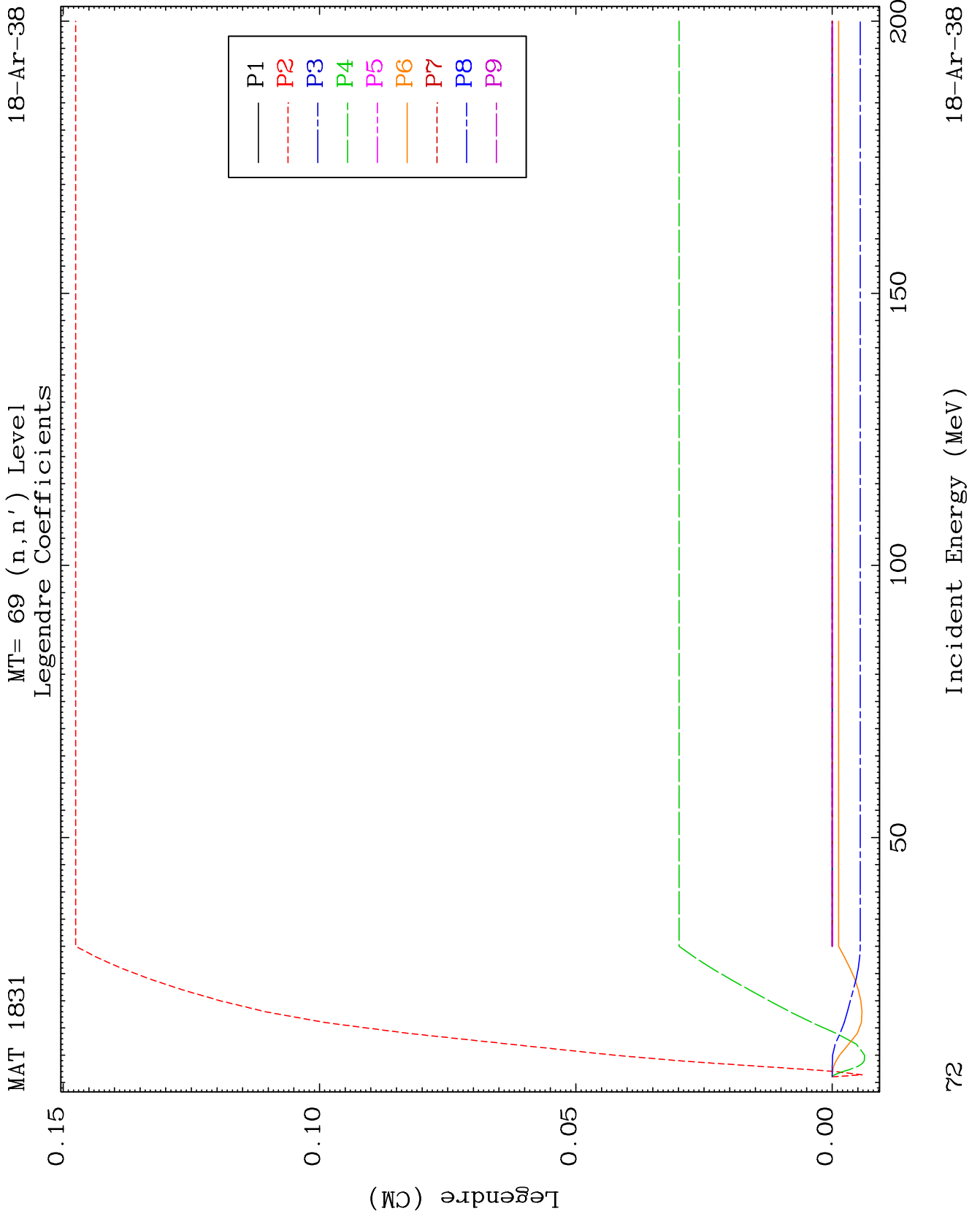


70

Incident Energy (MeV)

18-Ar-38

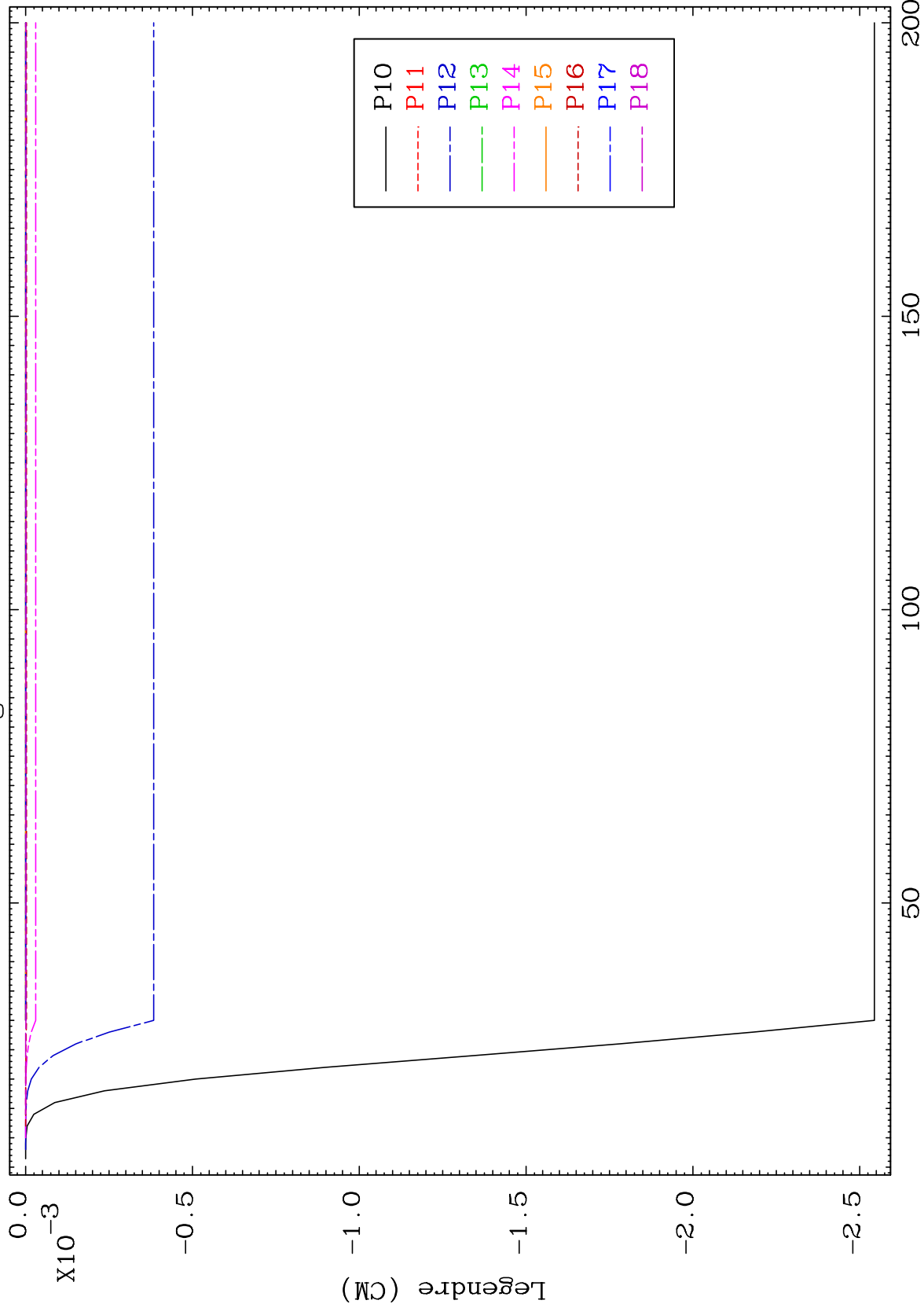




MAT 1831

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

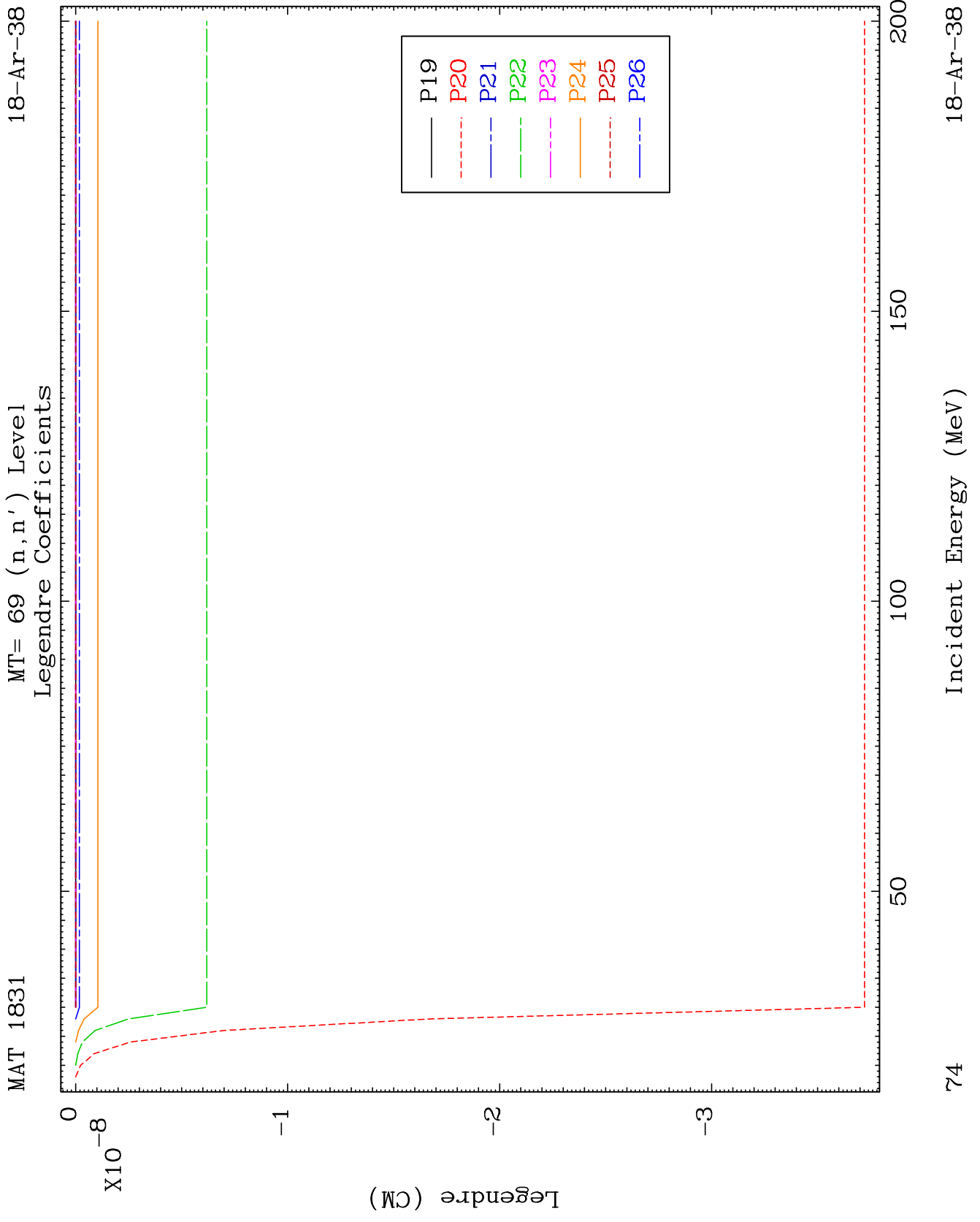
18-Ar-38



73

Incident Energy (MeV)

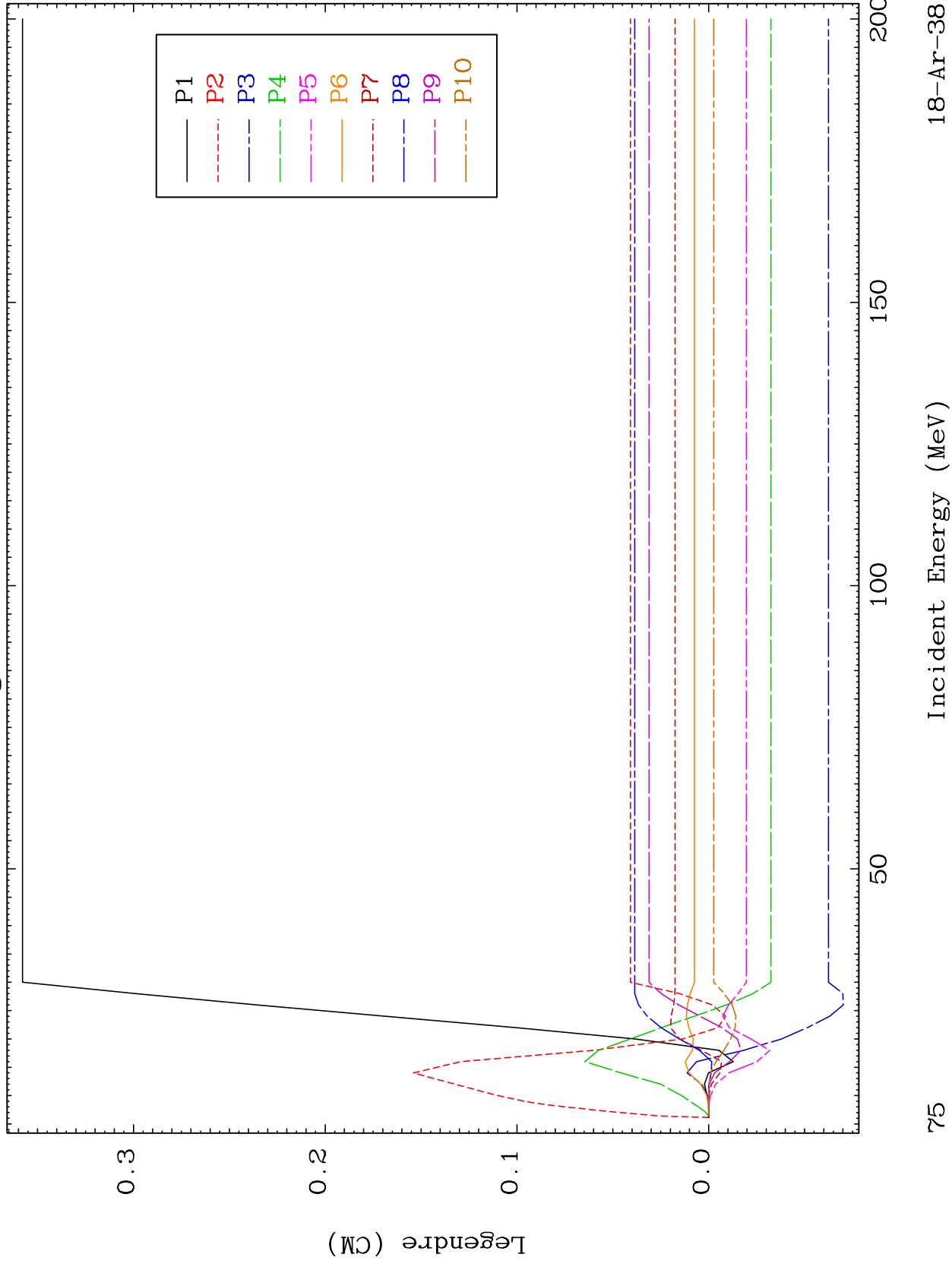
18-Ar-38



MAT 1831

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

18-Ar-38



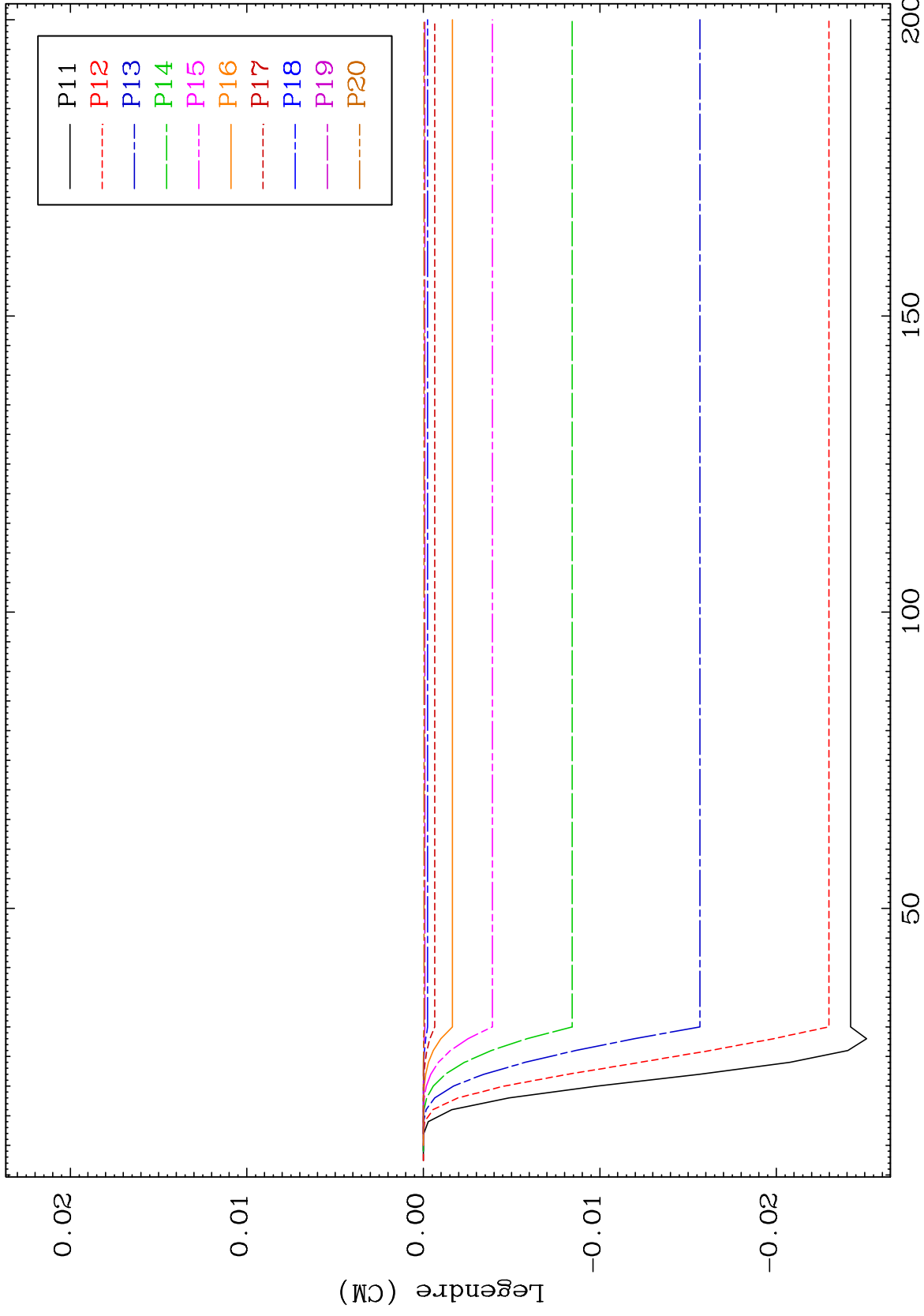
75

18-Ar-38

MAT 1831

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

18-Ar-38



76

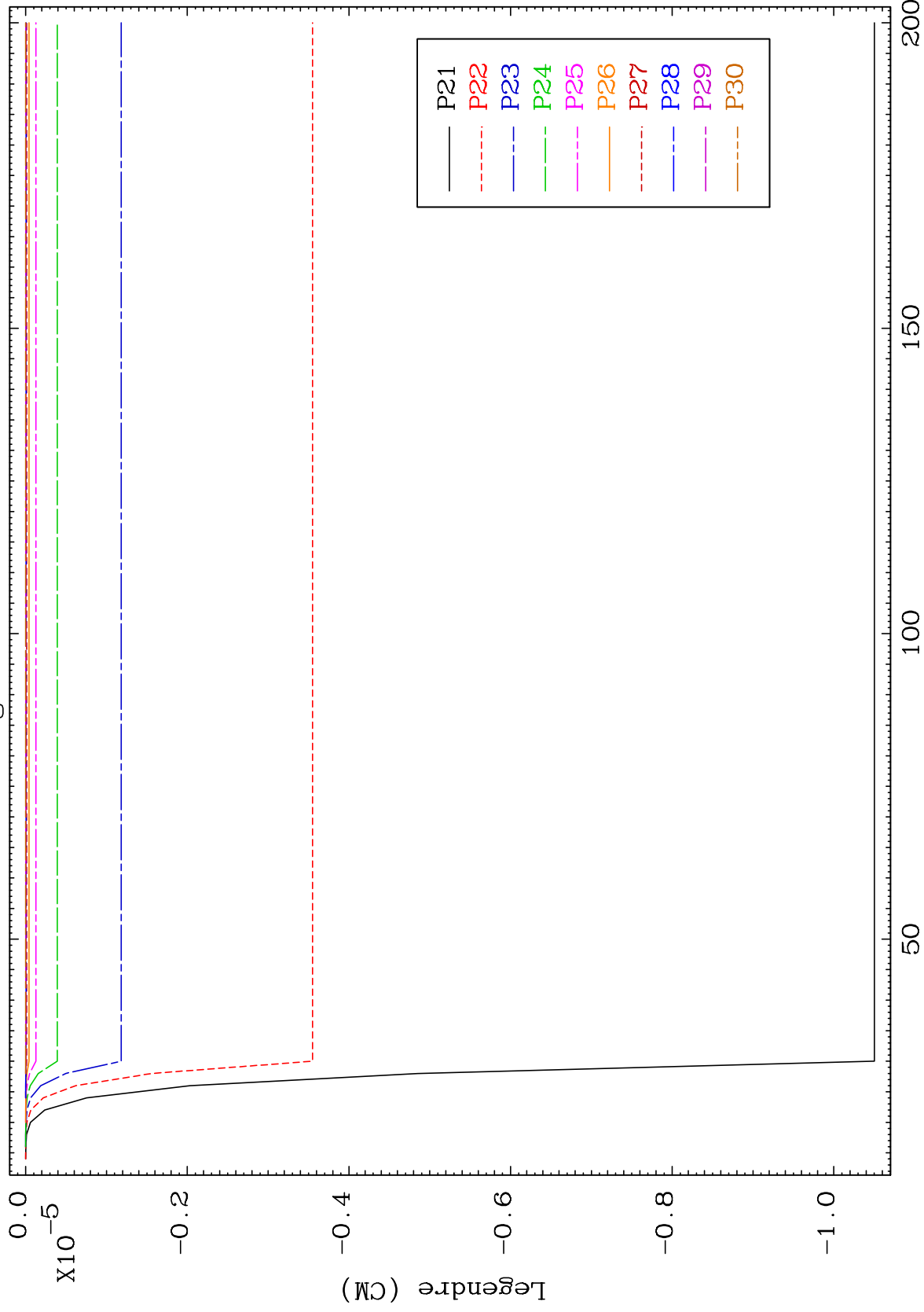
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



77

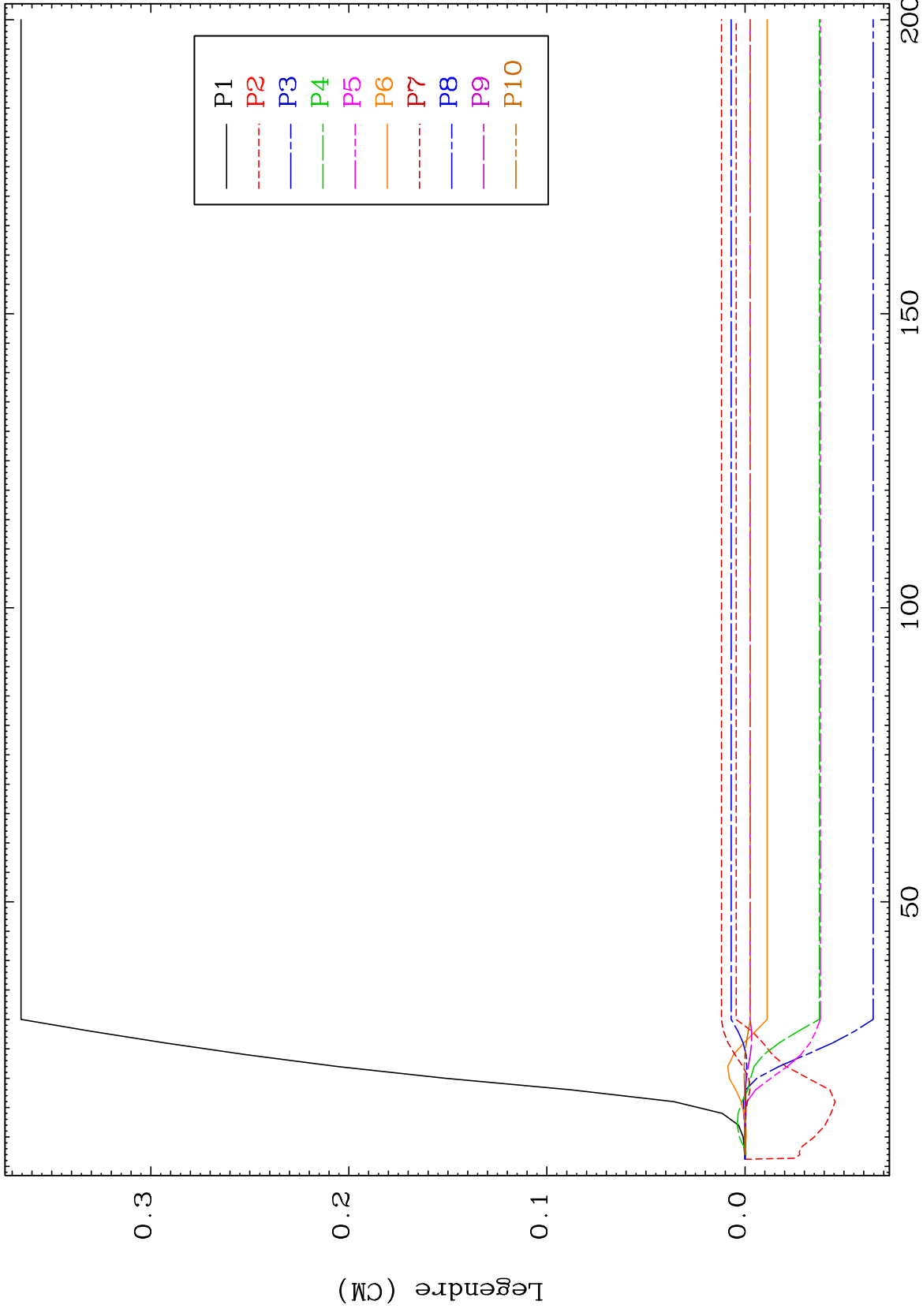
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

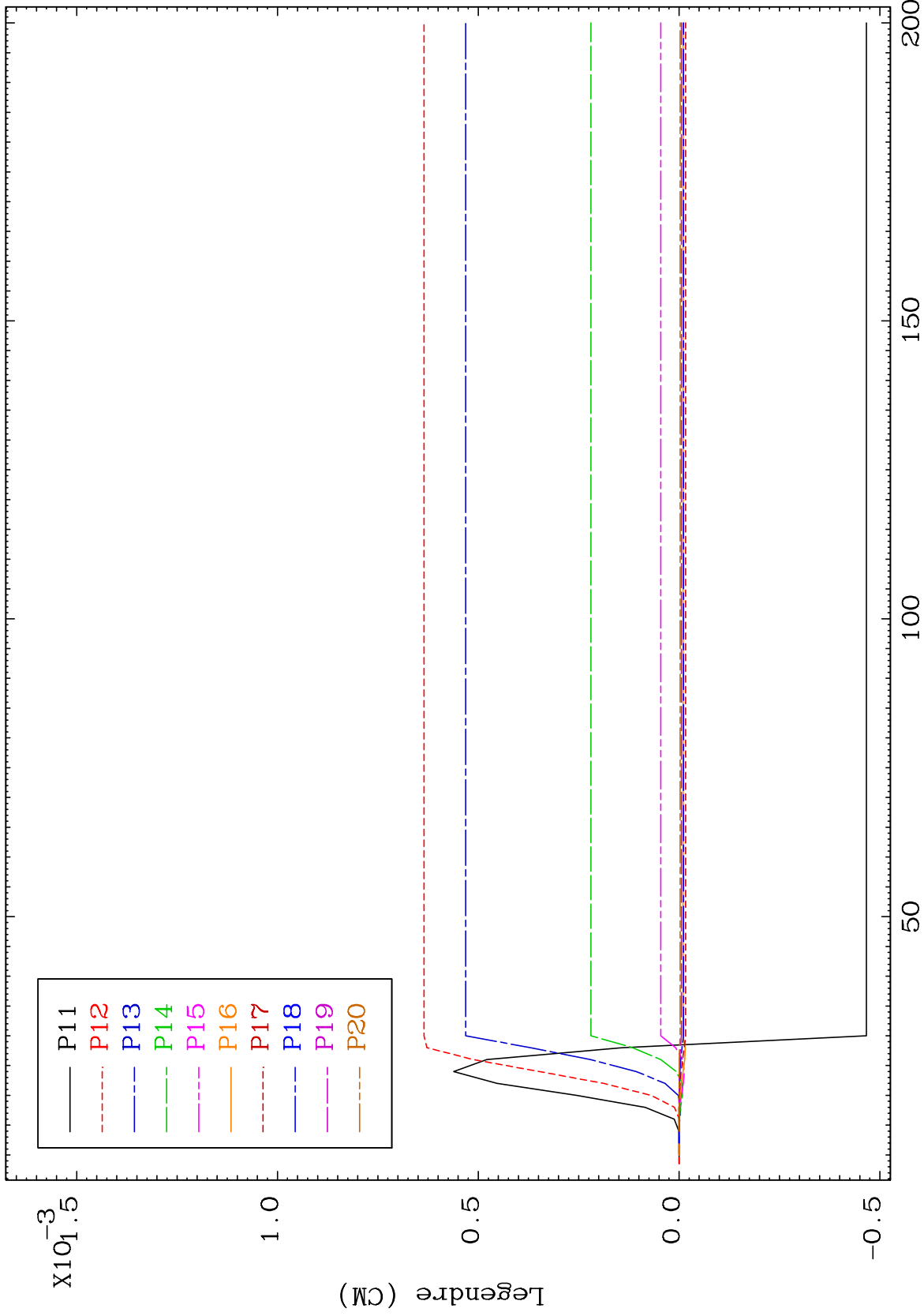
18-Ar-38

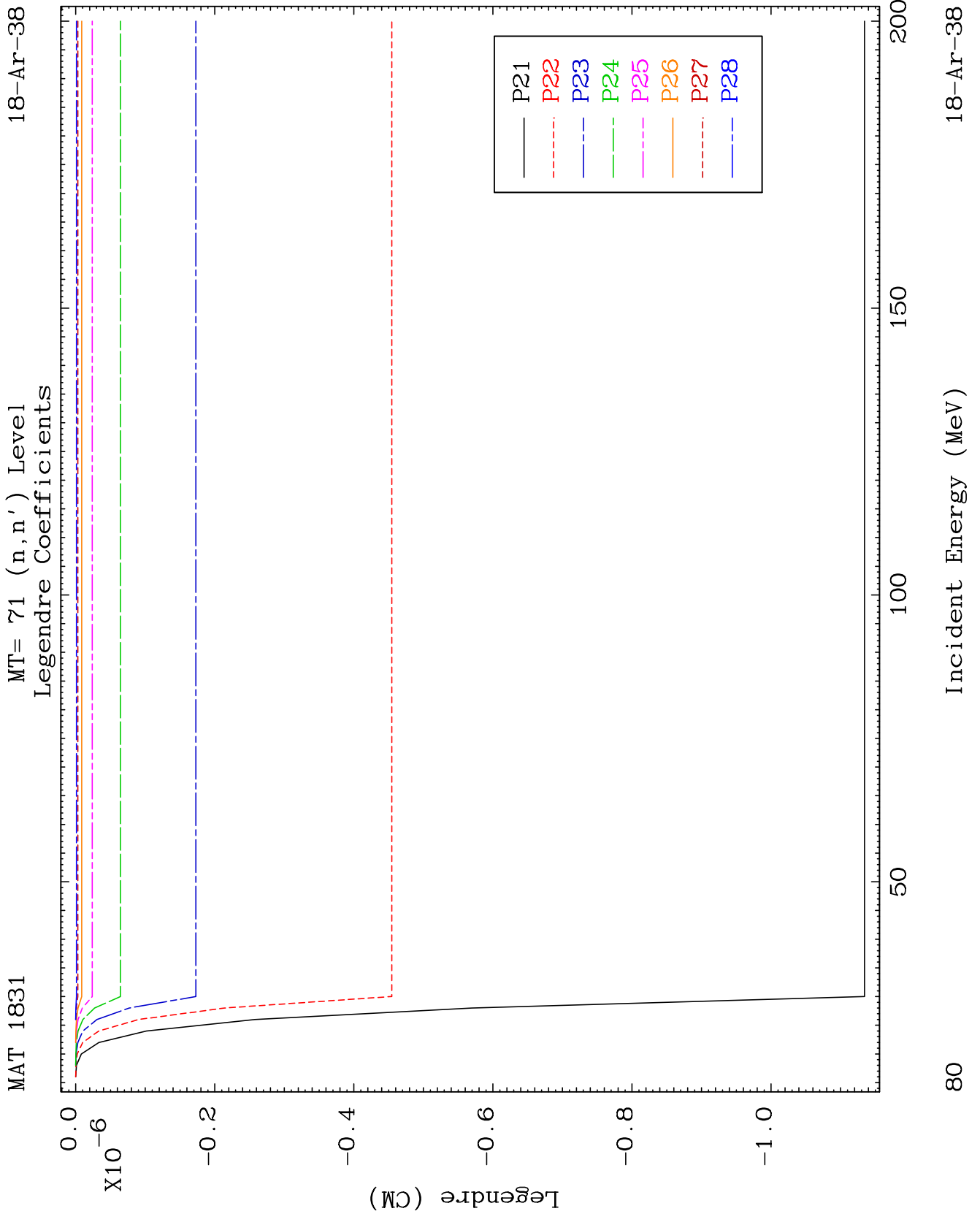


78

Incident Energy (MeV)

18-Ar-38

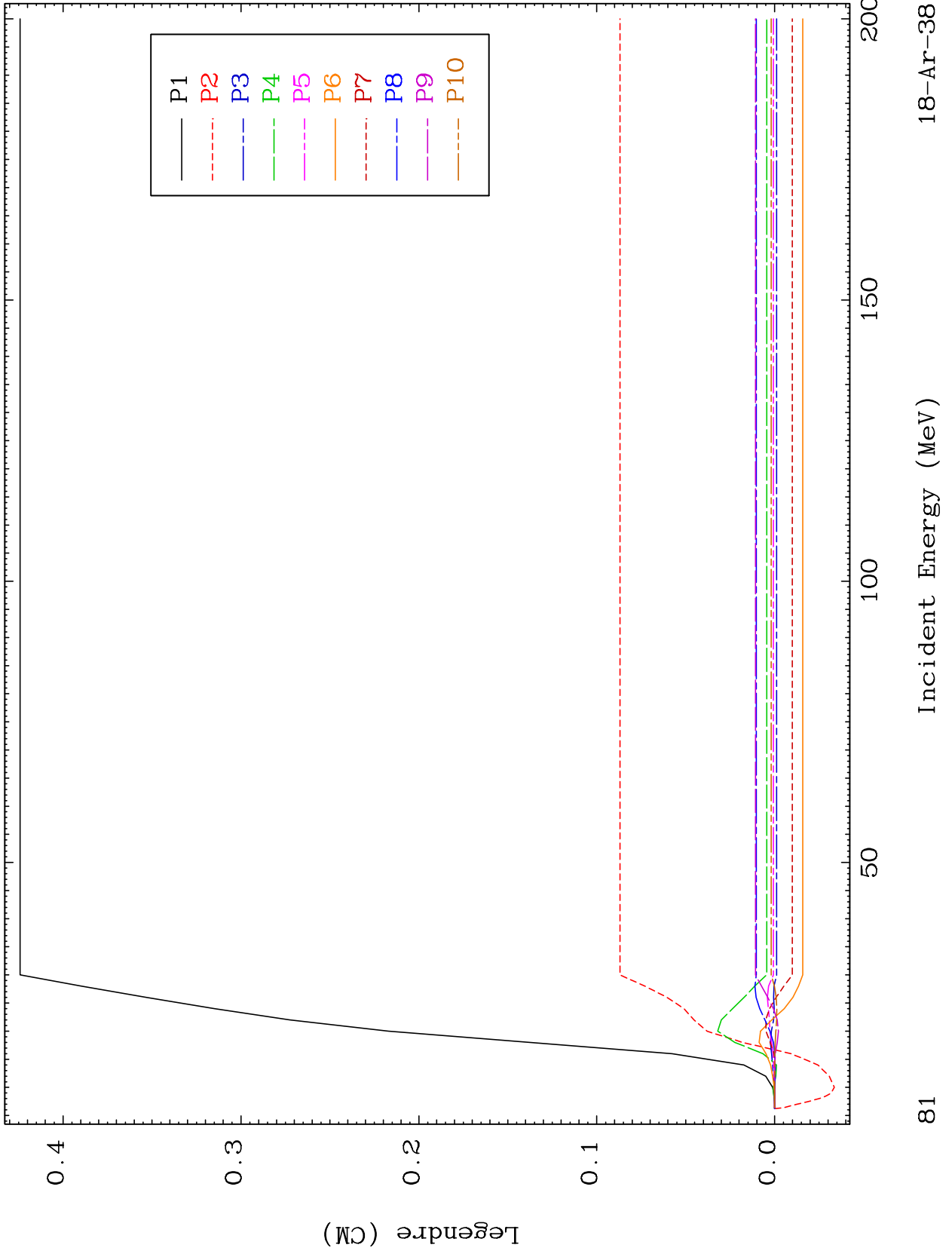




MAT 1831

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

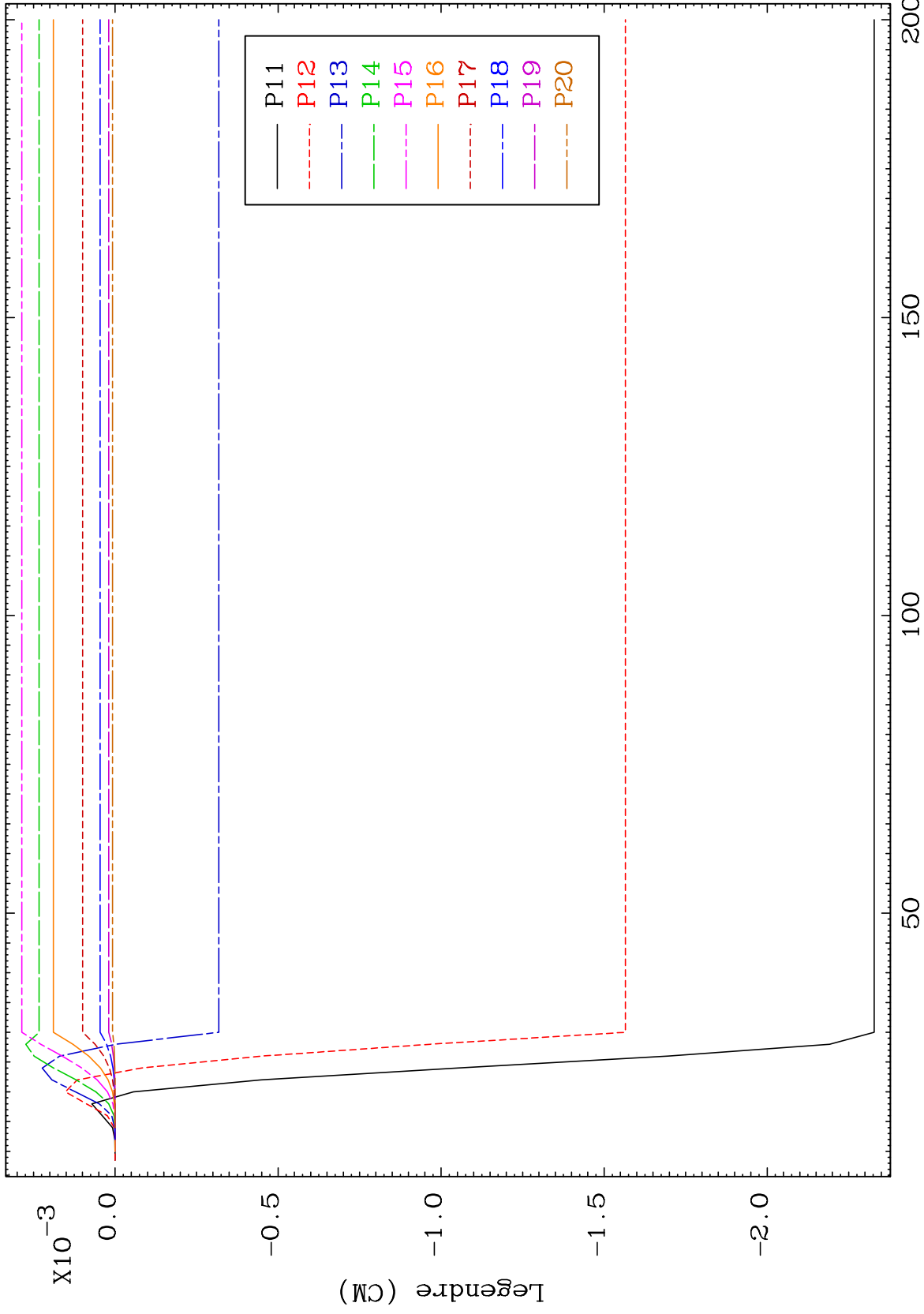
18-Ar-38



MAT 1831

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

18-Ar-38



82

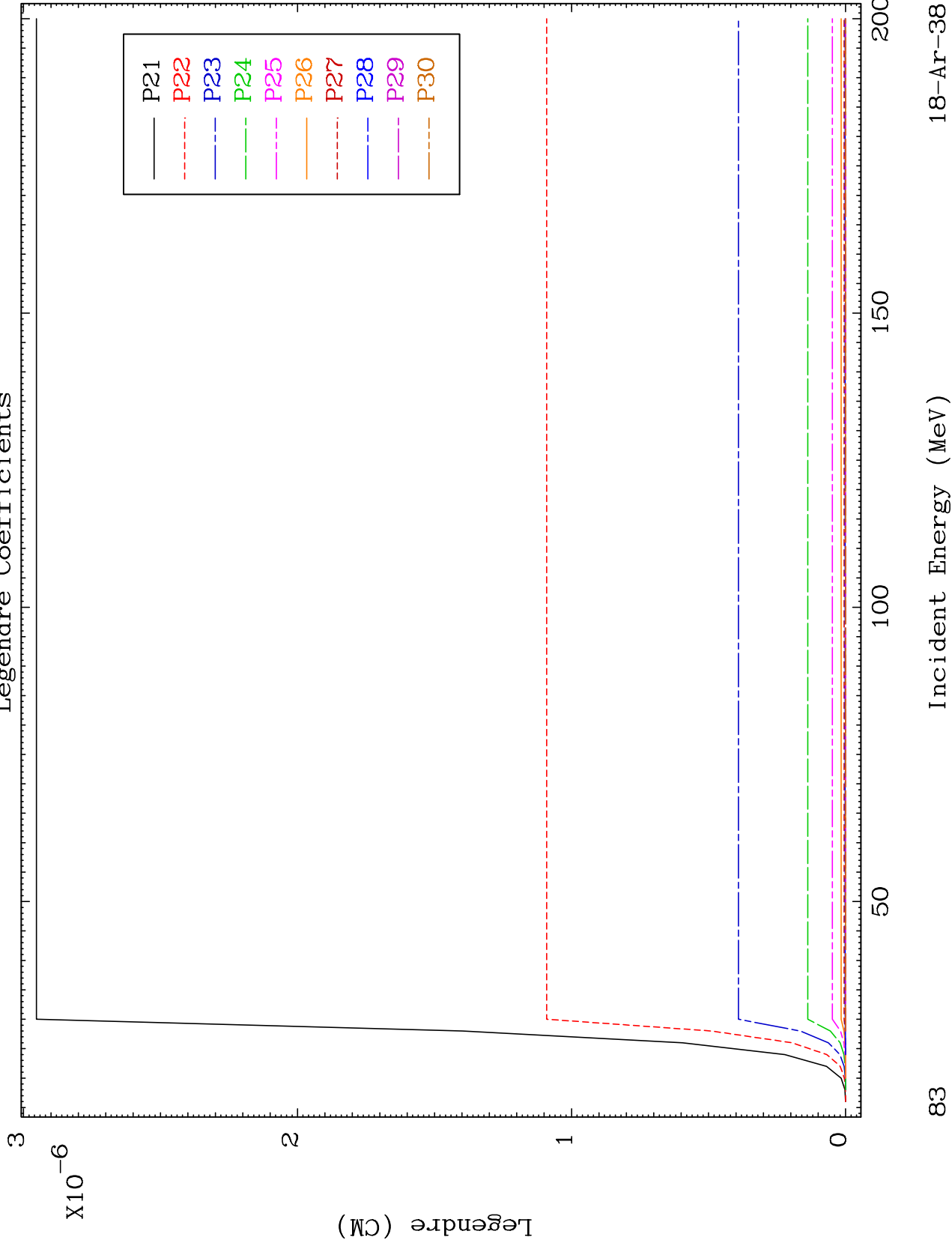
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

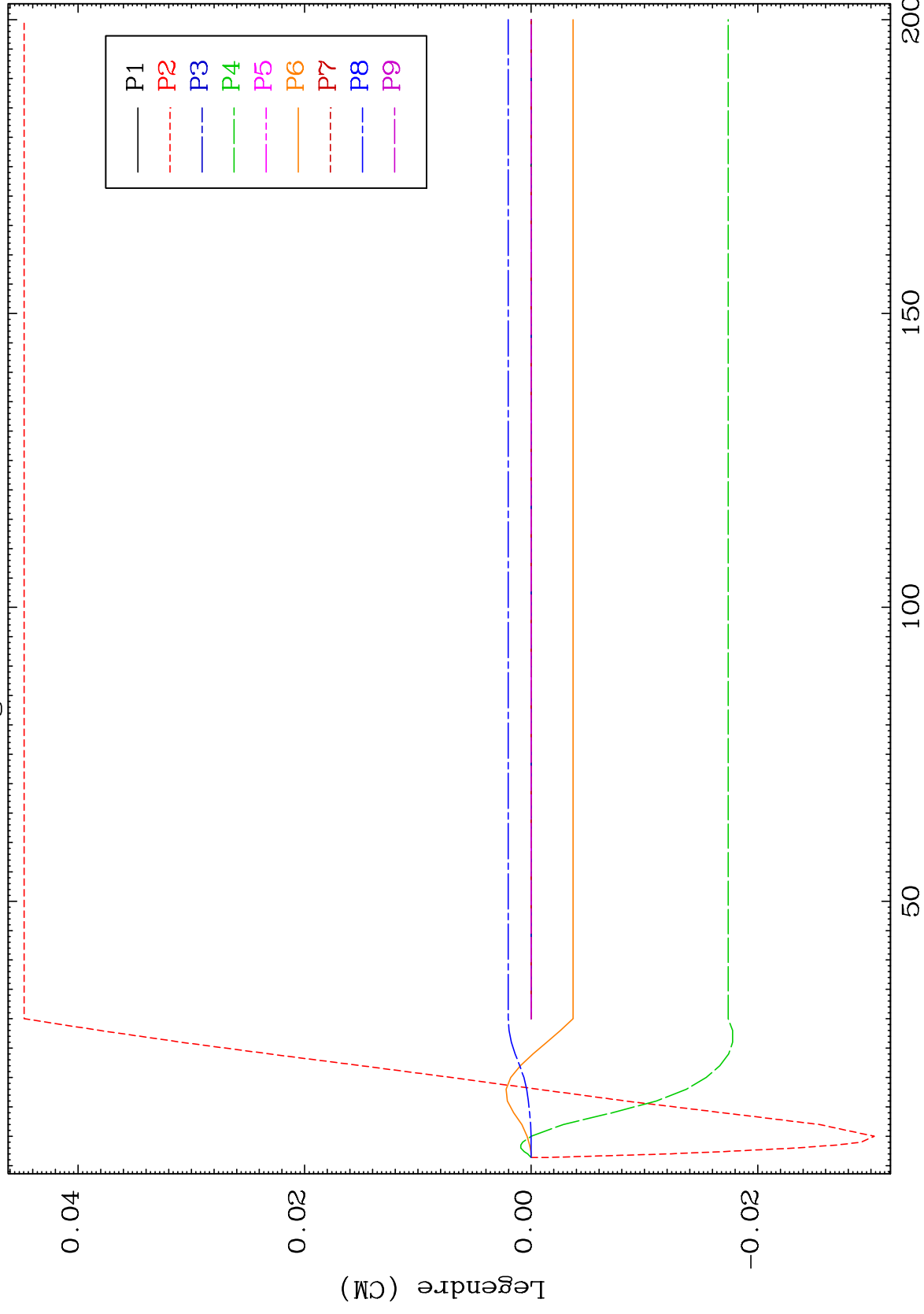
18-Ar-38



MAT 1831

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

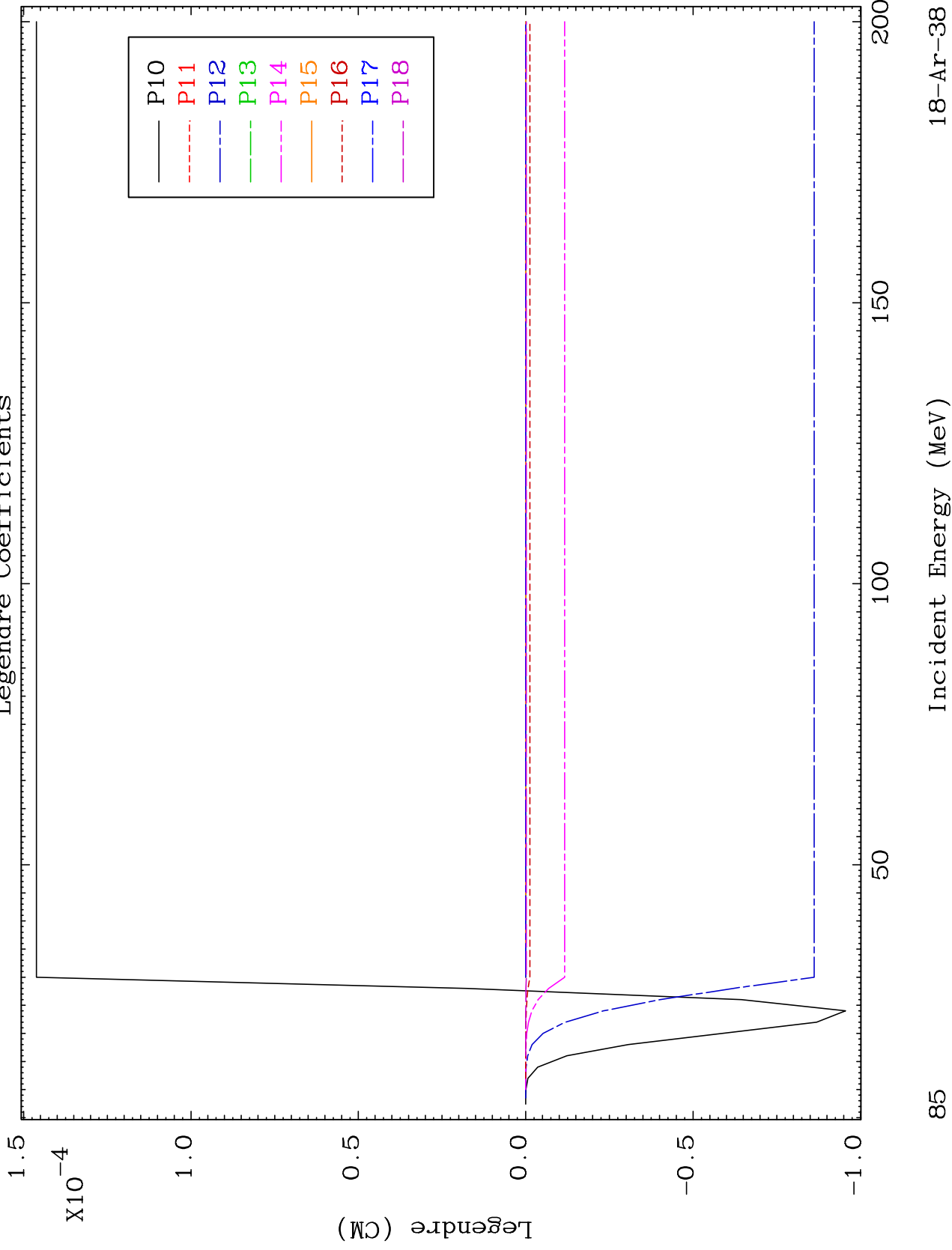
18-Ar-38



84

Incident Energy (MeV)

18-Ar-38

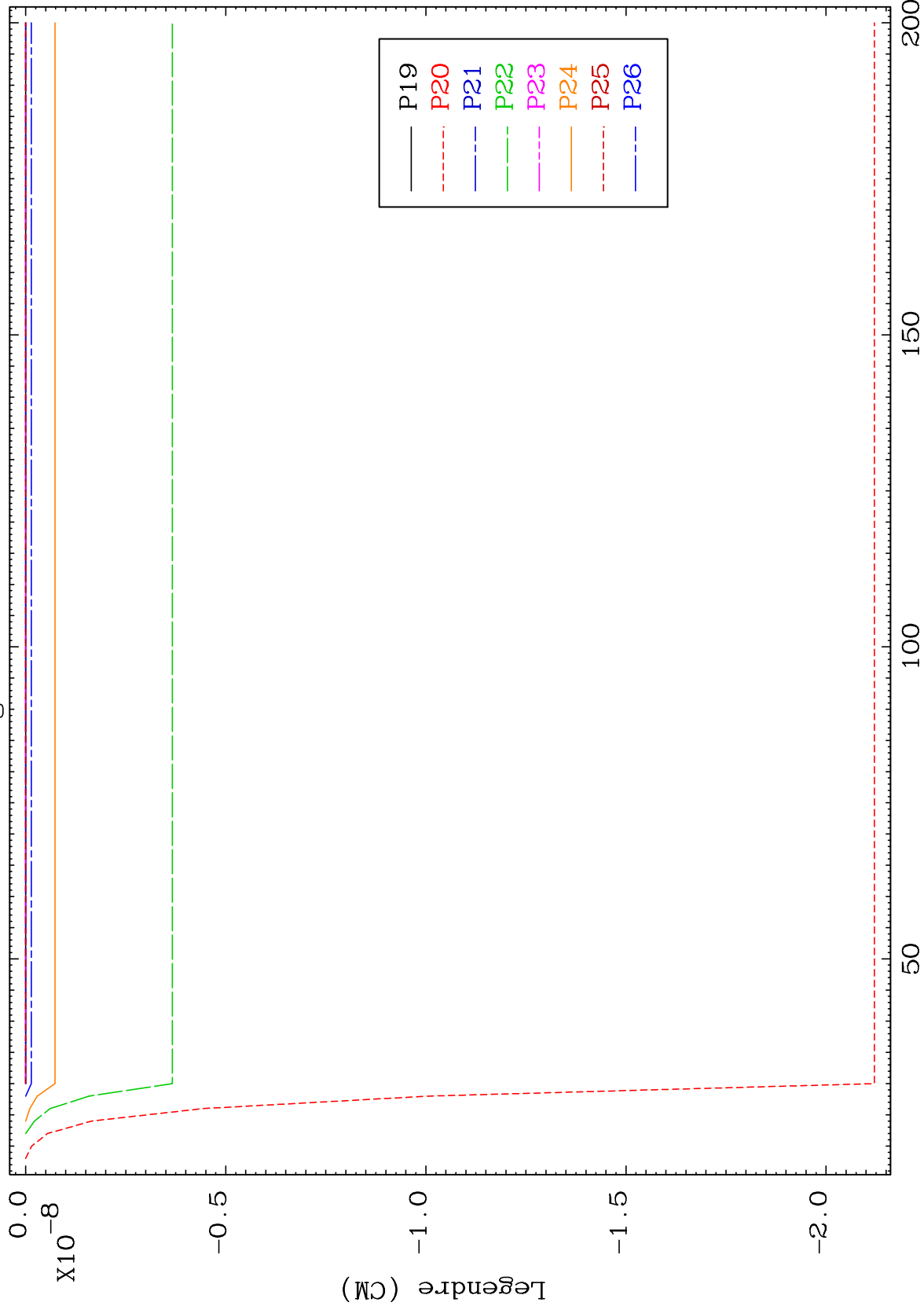


MAT 1831

MT= 73 (n,n') Level

18-Ar-38

Legendre Coefficients



18-Ar-38

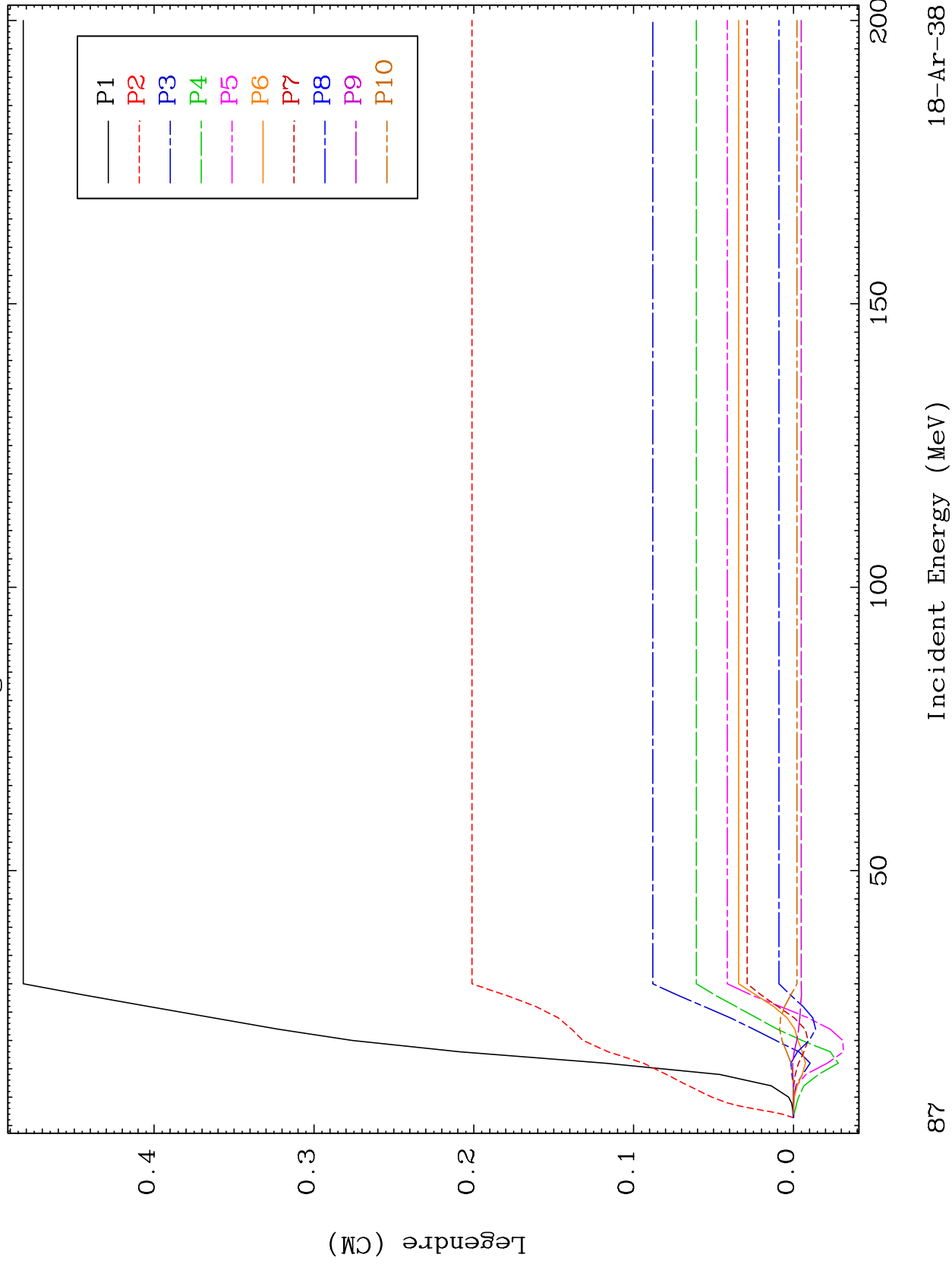
Incident Energy (MeV)

86

MAT 1831

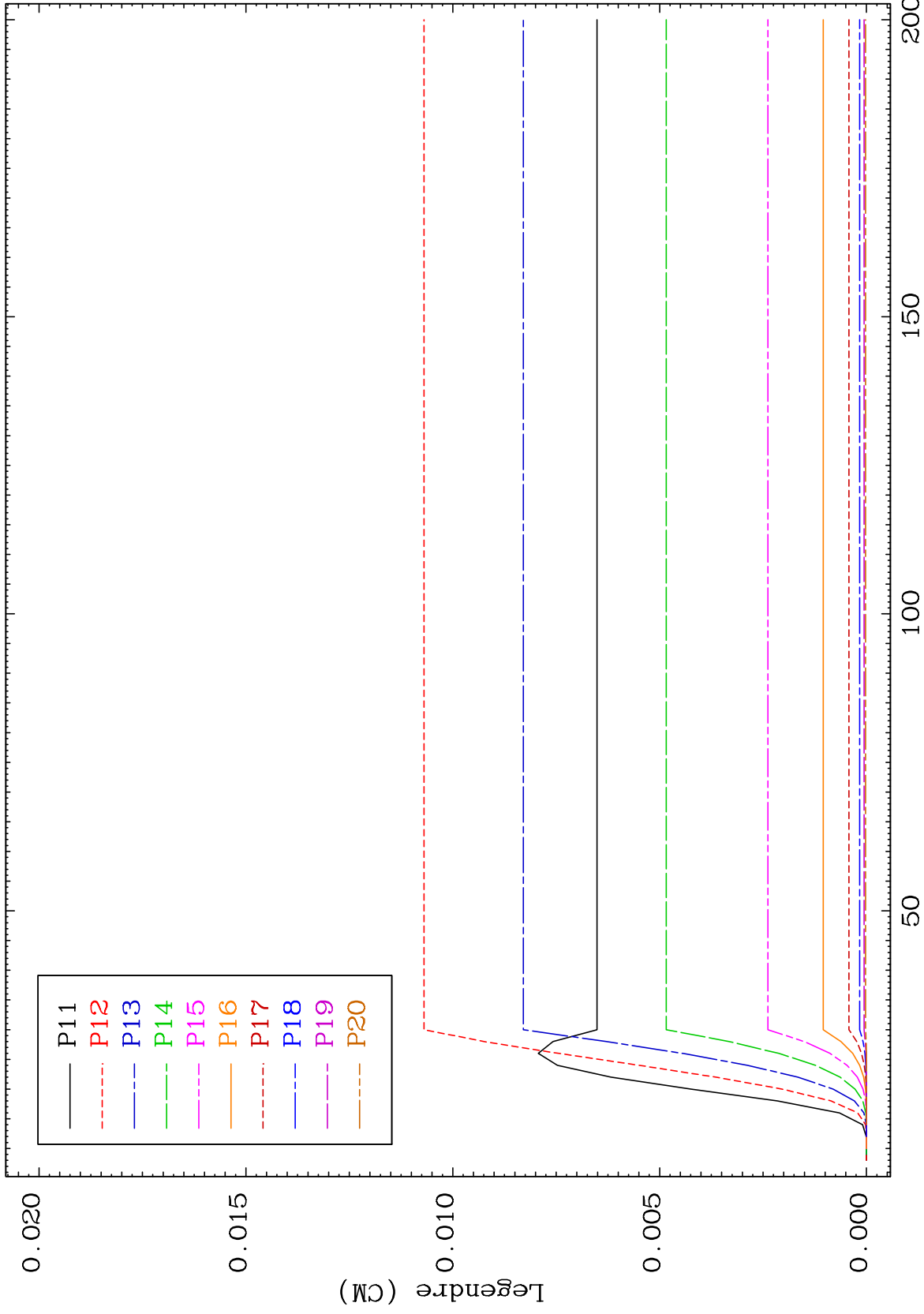
MT= 74 (n,n') Level
Legendre Coefficients

18-Ar-38



87

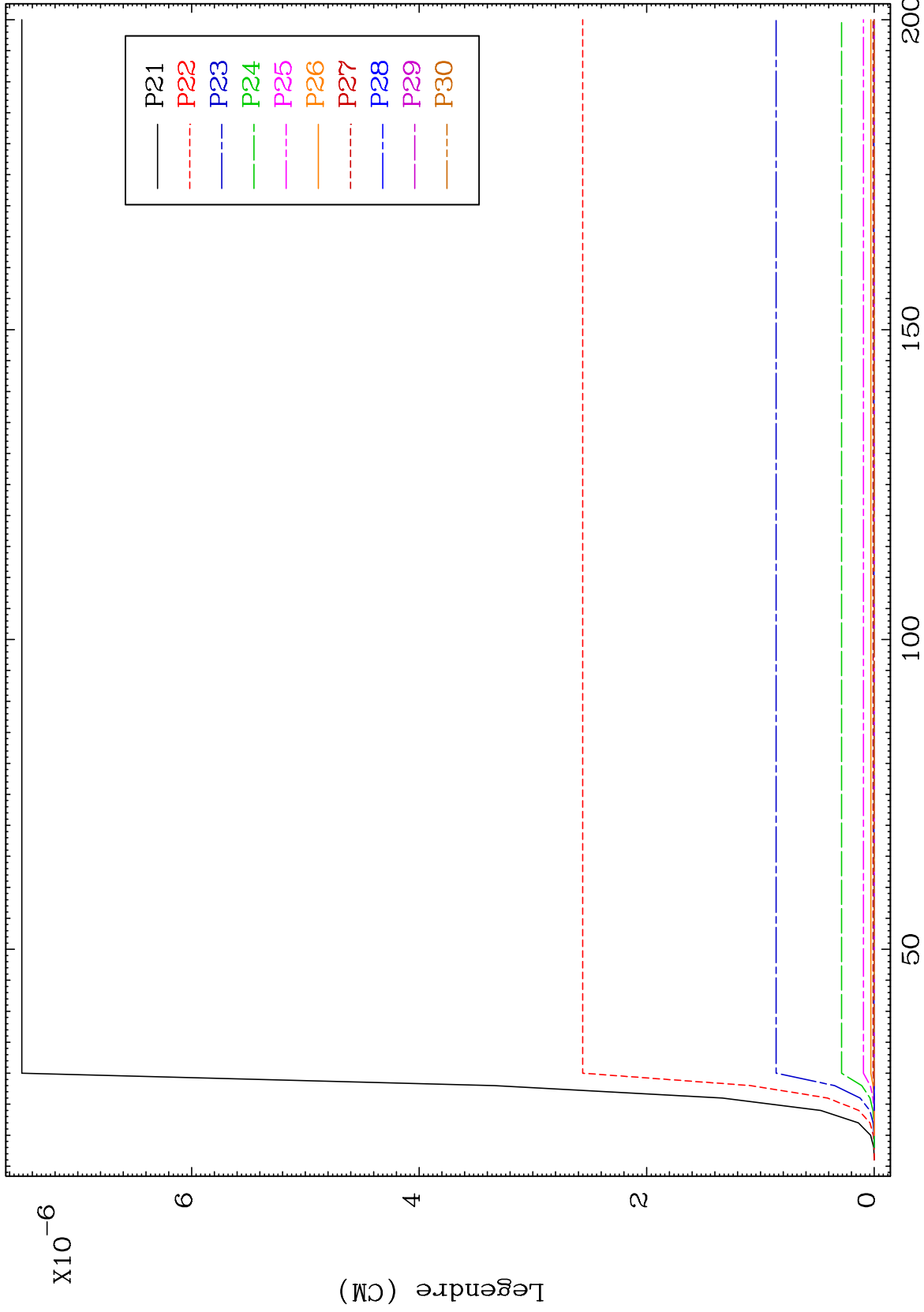
18-Ar-38



MAT 1831

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

18-Ar-38



89

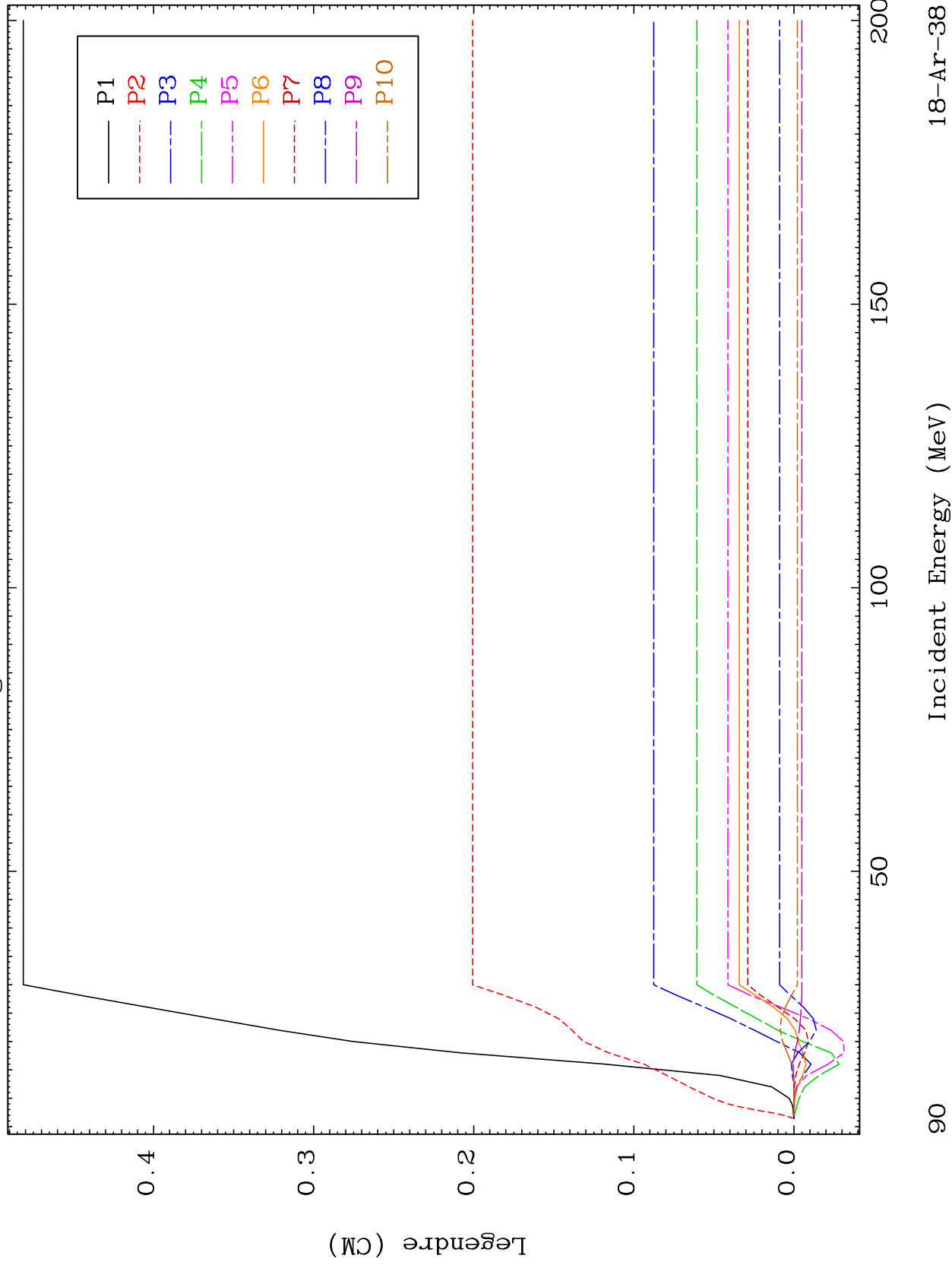
Incident Energy (MeV)

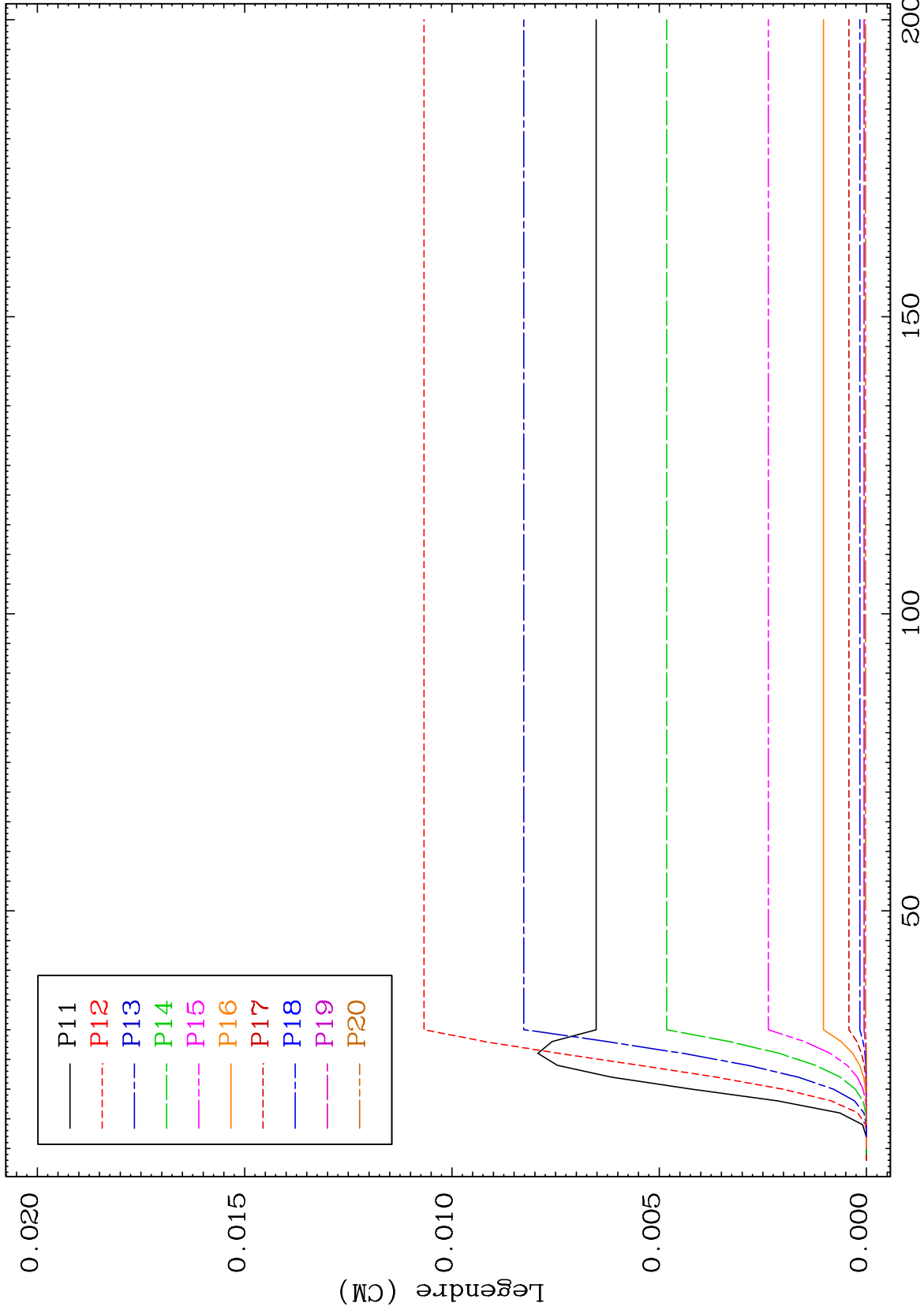
18-Ar-38

MAT 1831

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

18-Ar-38

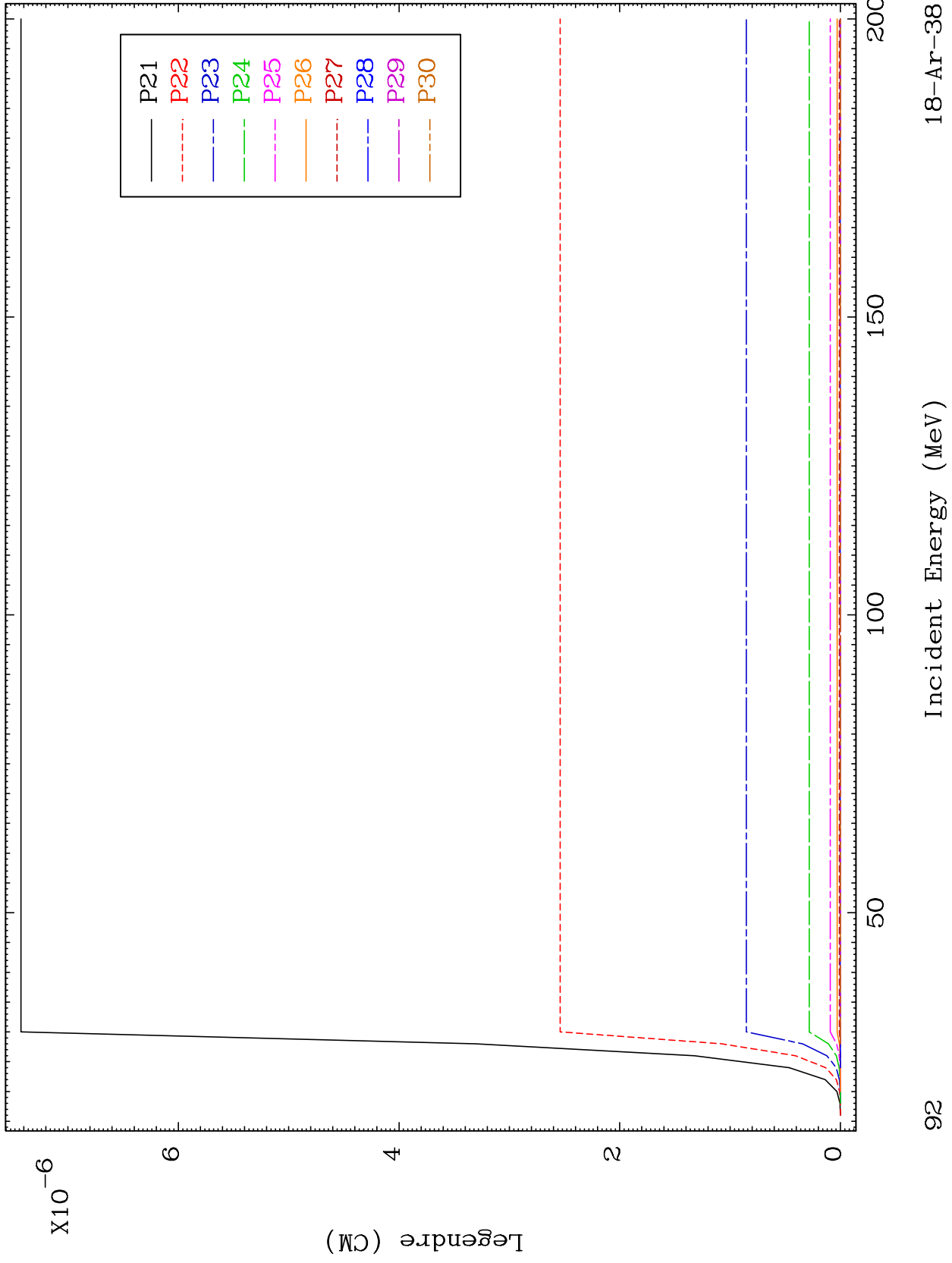




MAT 1831

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

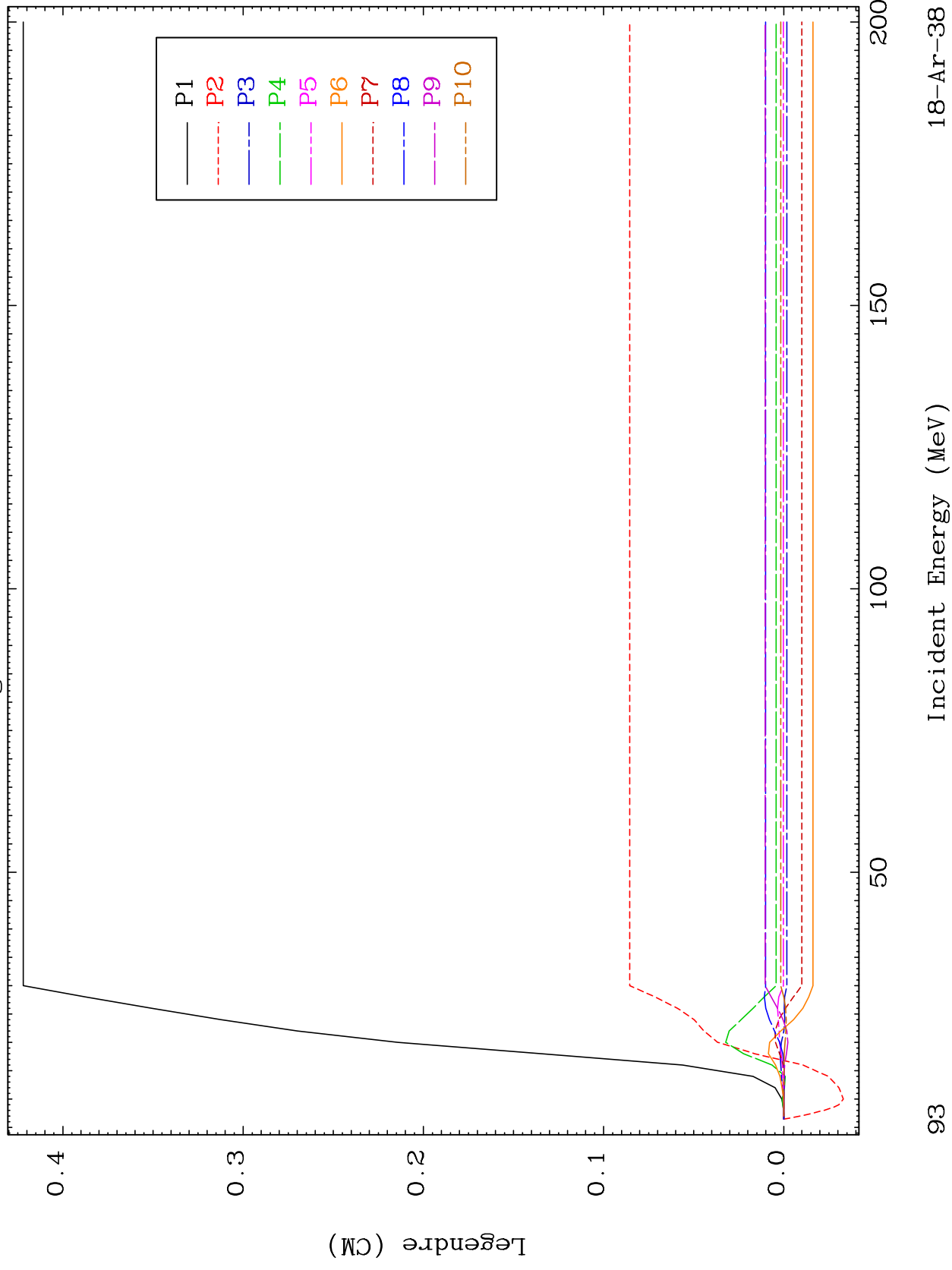
18-Ar-38



MAT 1831

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

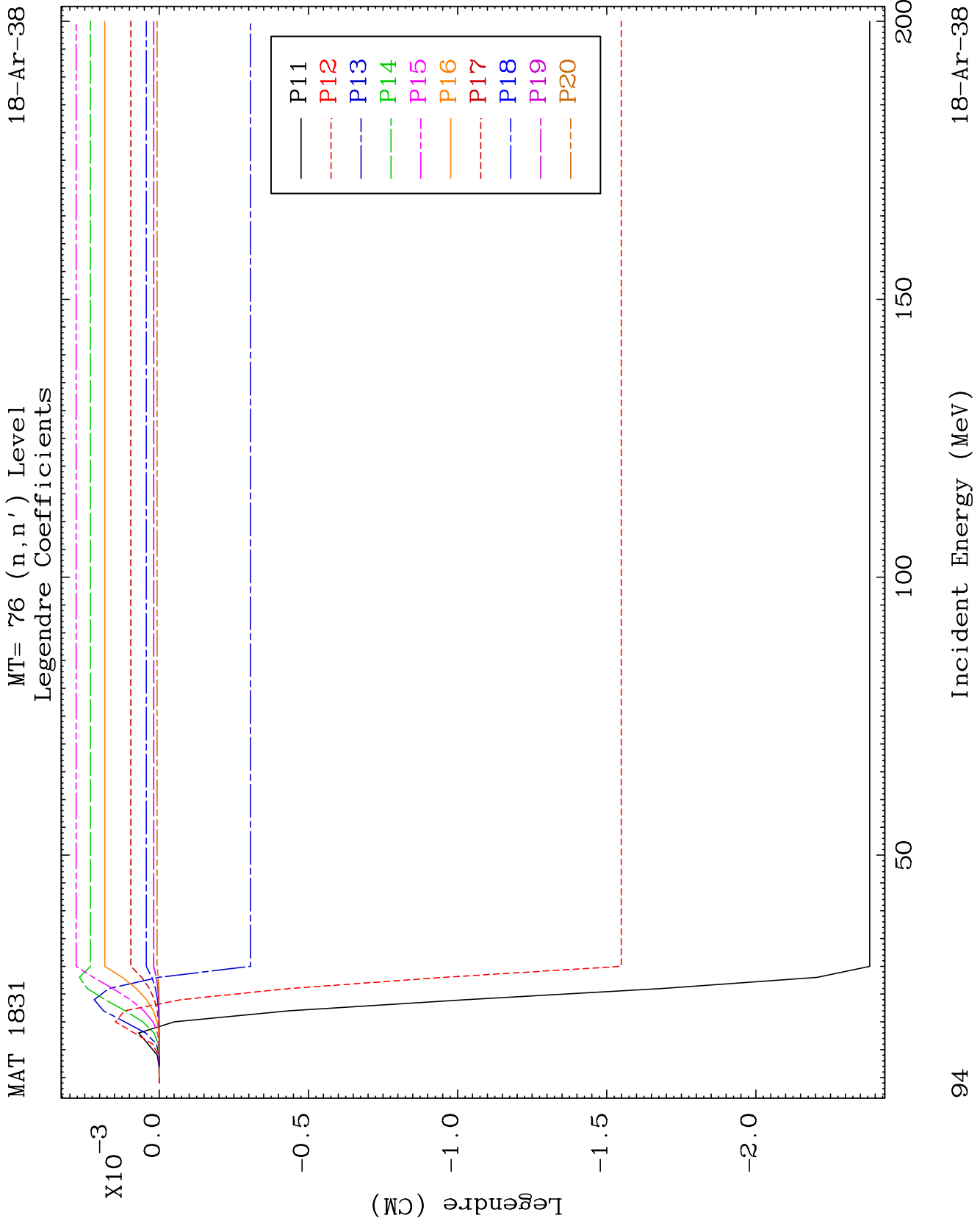
18-Ar-38



93

Incident Energy (MeV)

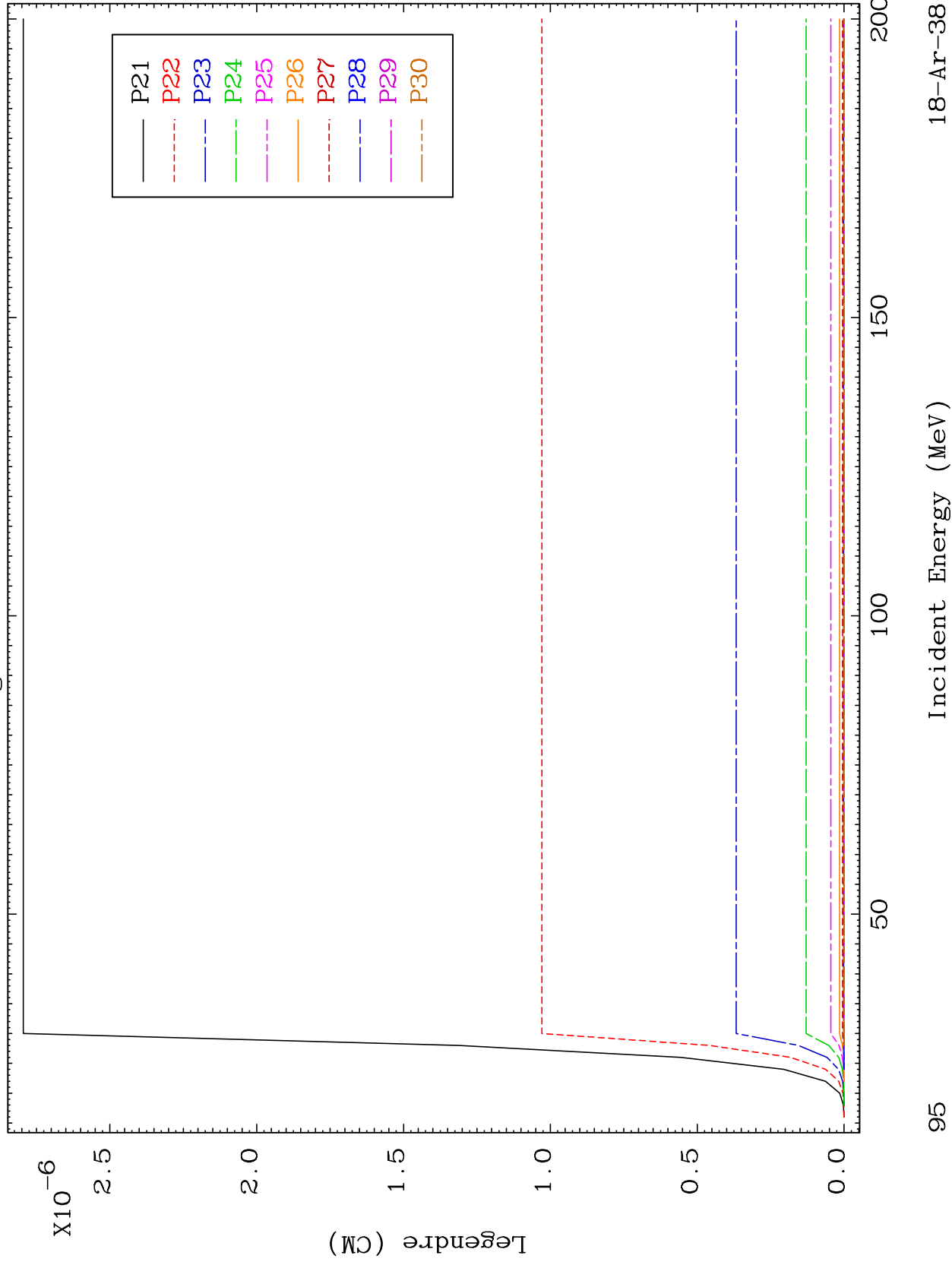
18-Ar-38



MAT 1831

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

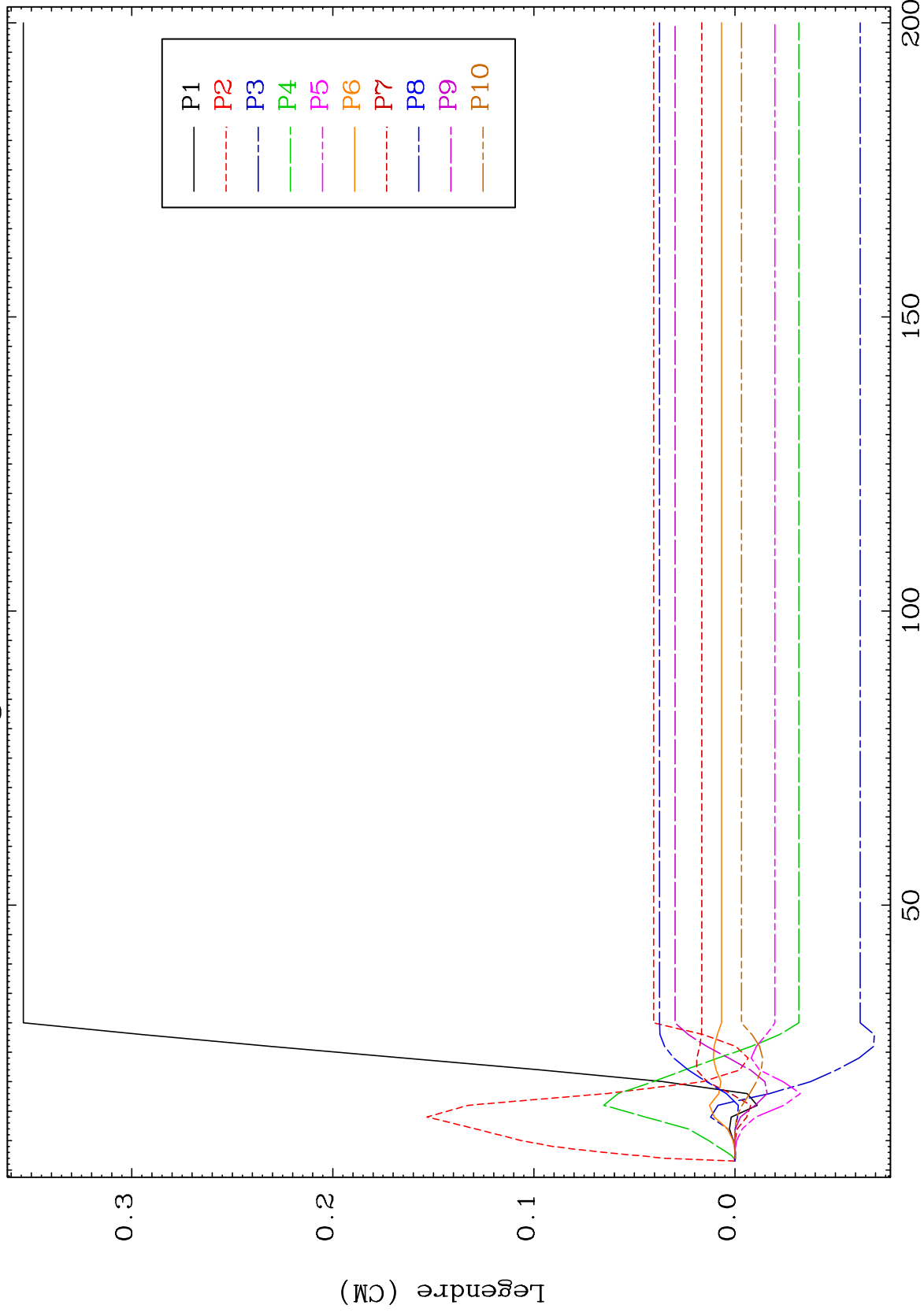
18-Ar-38



95

Incident Energy (MeV)

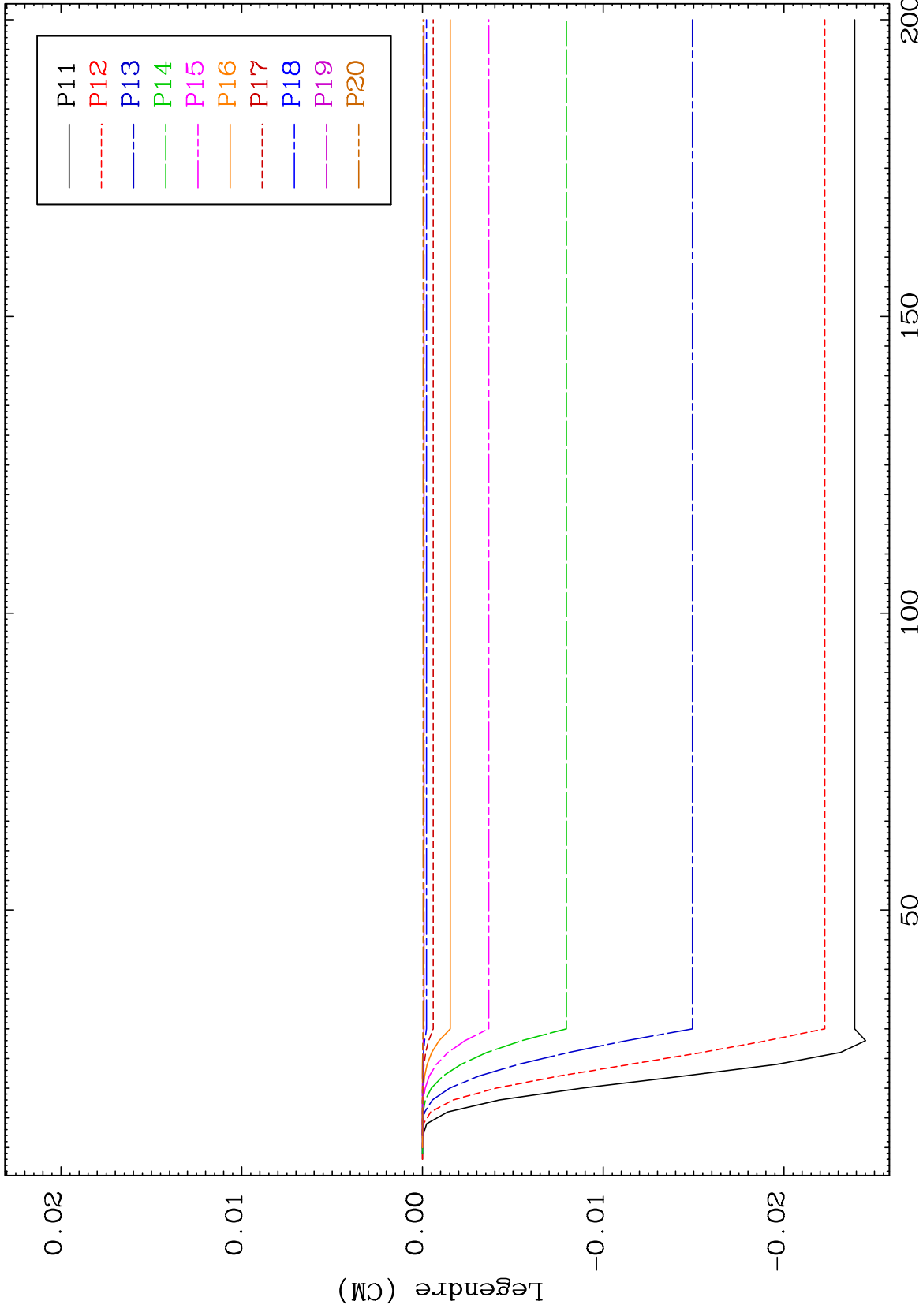
18-Ar-38



MAT 1831

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

18-Ar-38



97

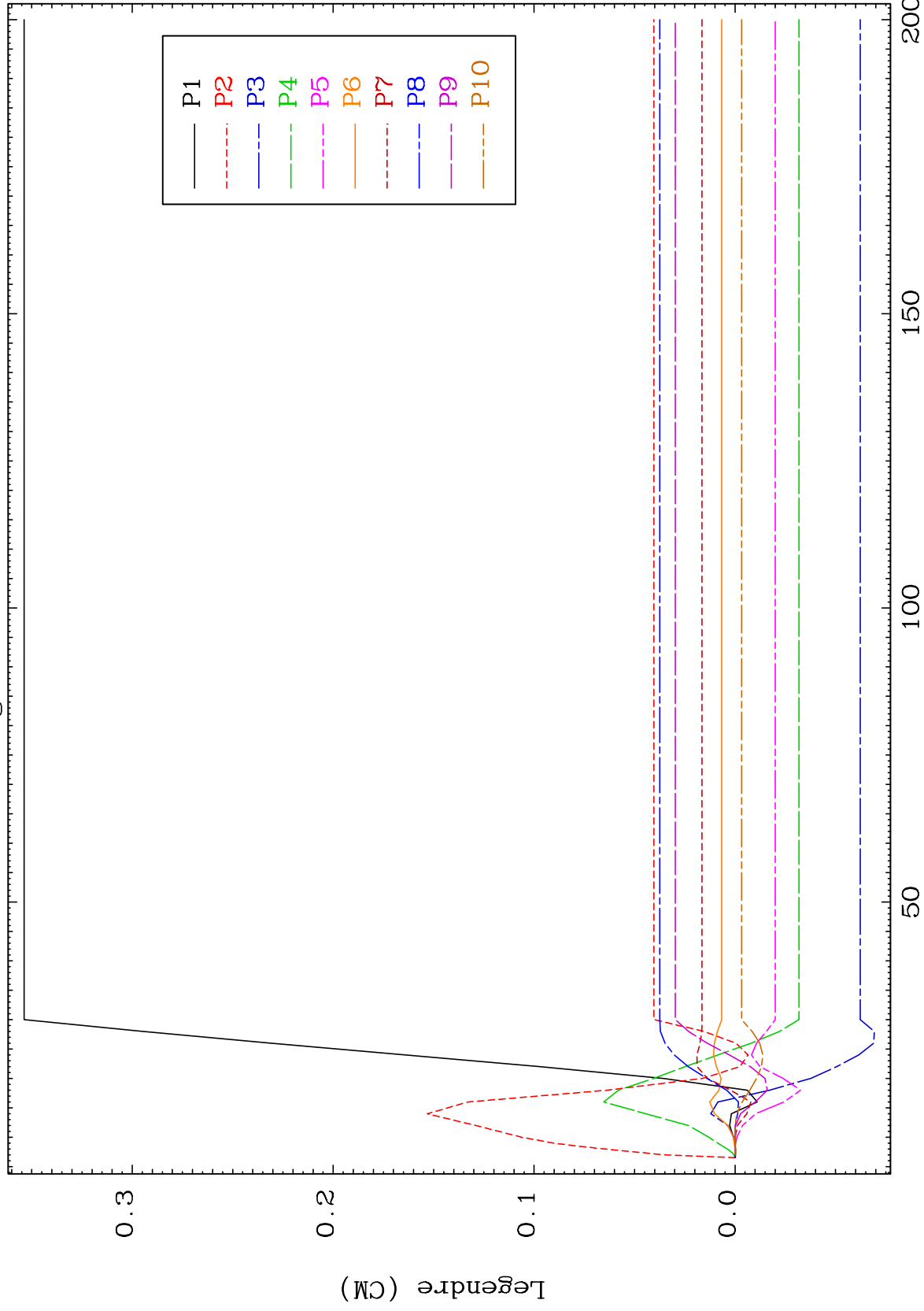
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



99

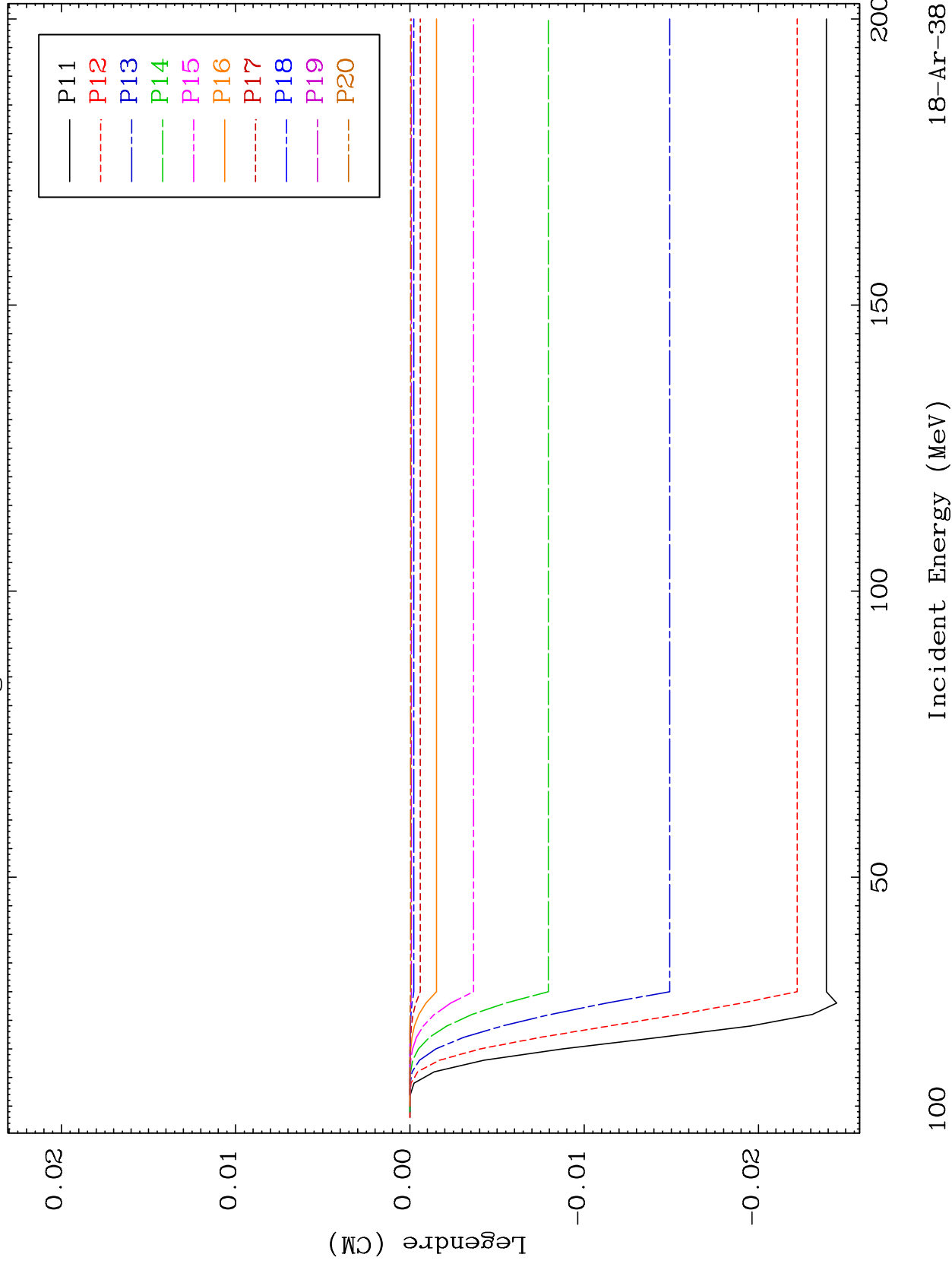
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



18-Ar-38

Incident Energy (MeV)

100

50

100

150

200

0.02

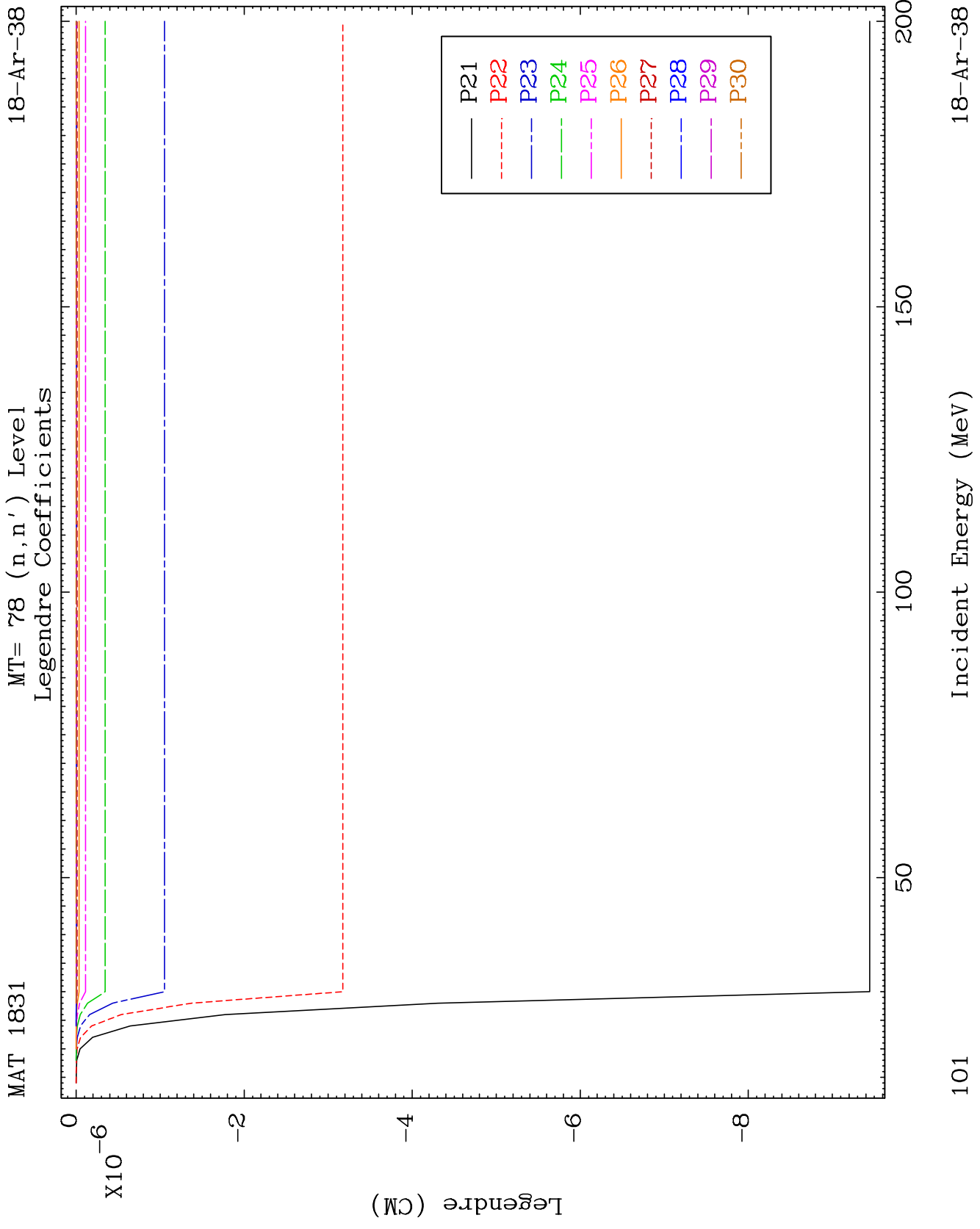
0.01

0.00

-0.01

-0.02

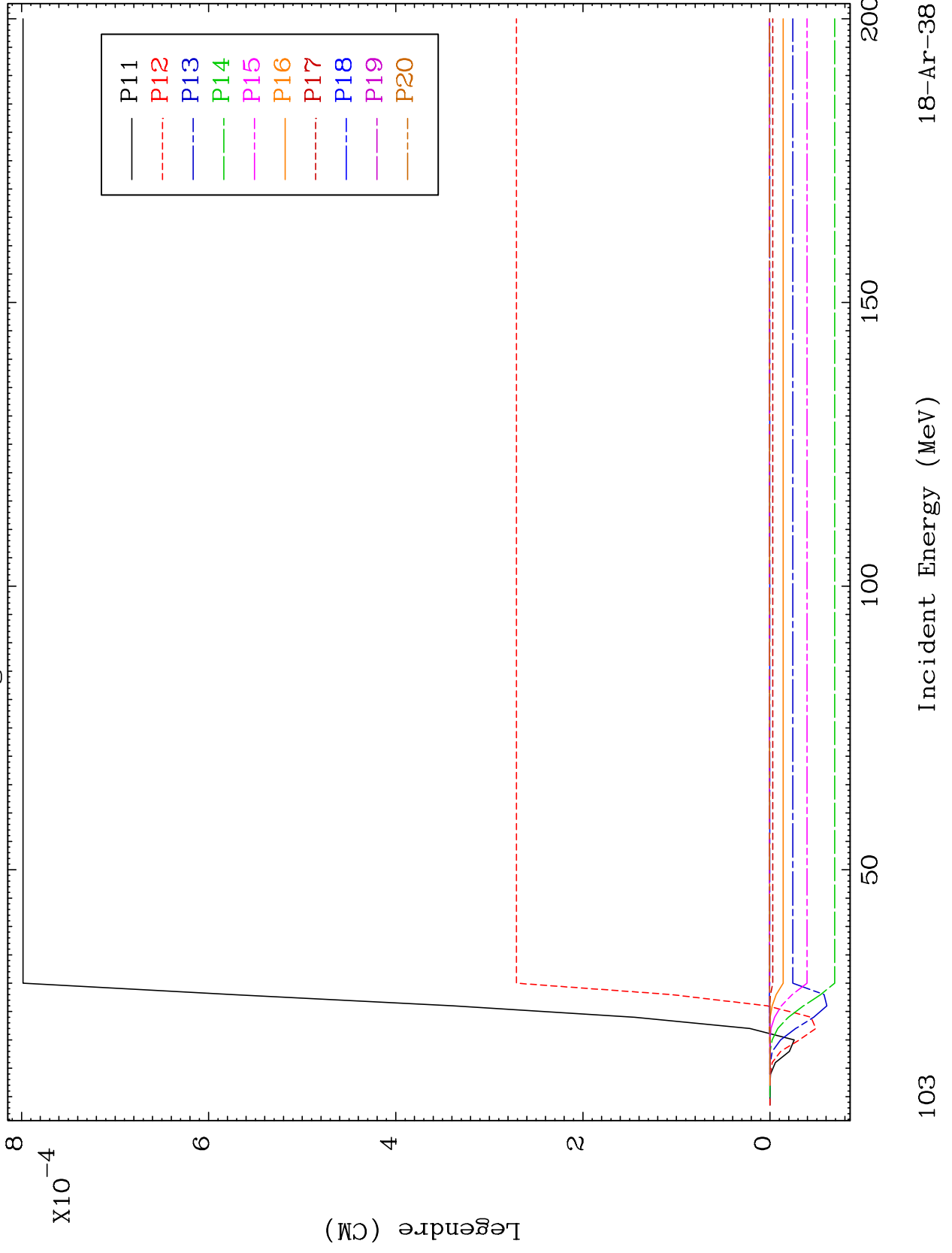
Legendre (CM)



MAT 1831

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

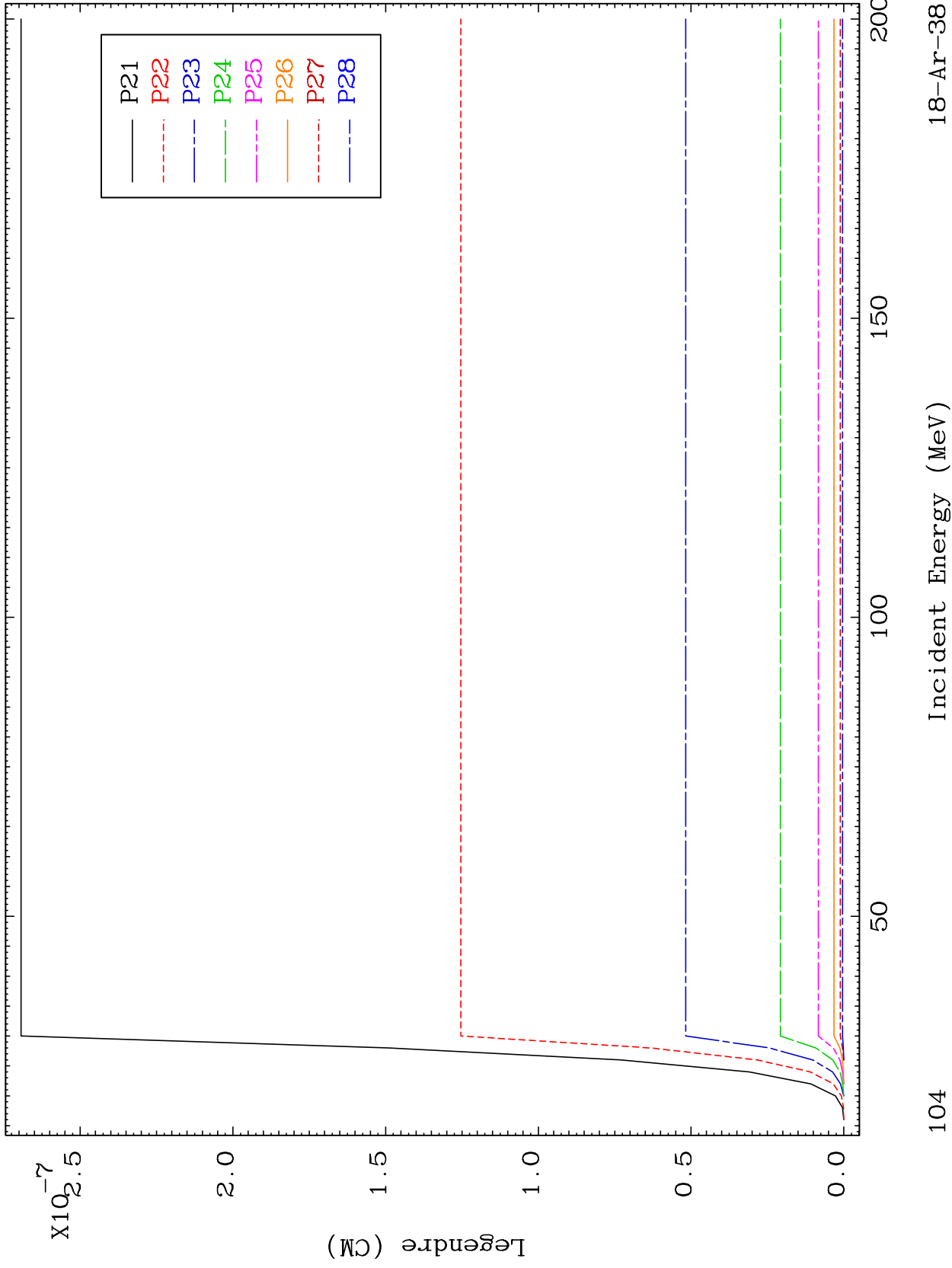
18-Ar-38



MAT 1831

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

18-Ar-38



104

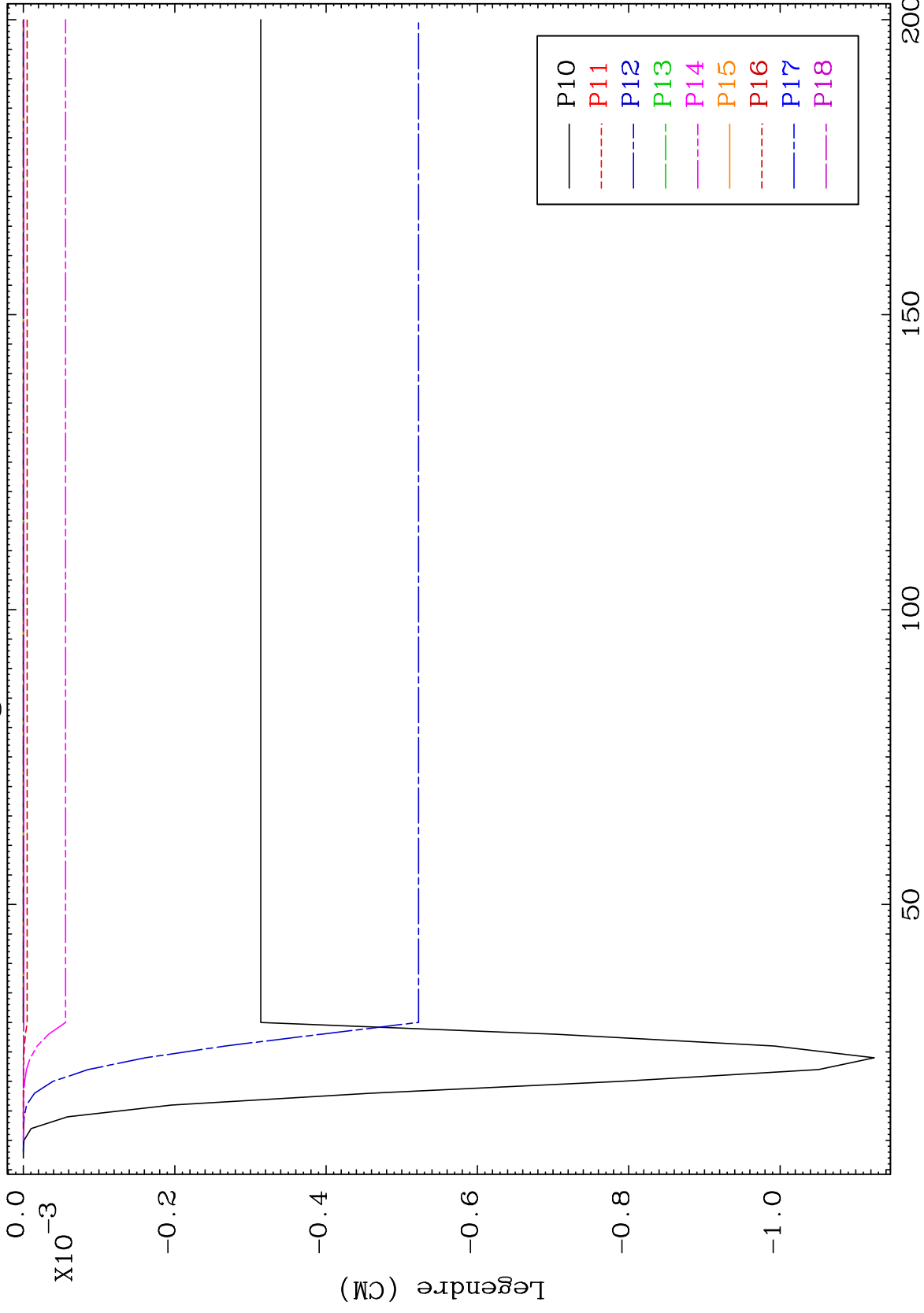
Incident Energy (MeV)

18-Ar-38

MAT 1831

MT= 80 (n,n') Level
Legendre Coefficients

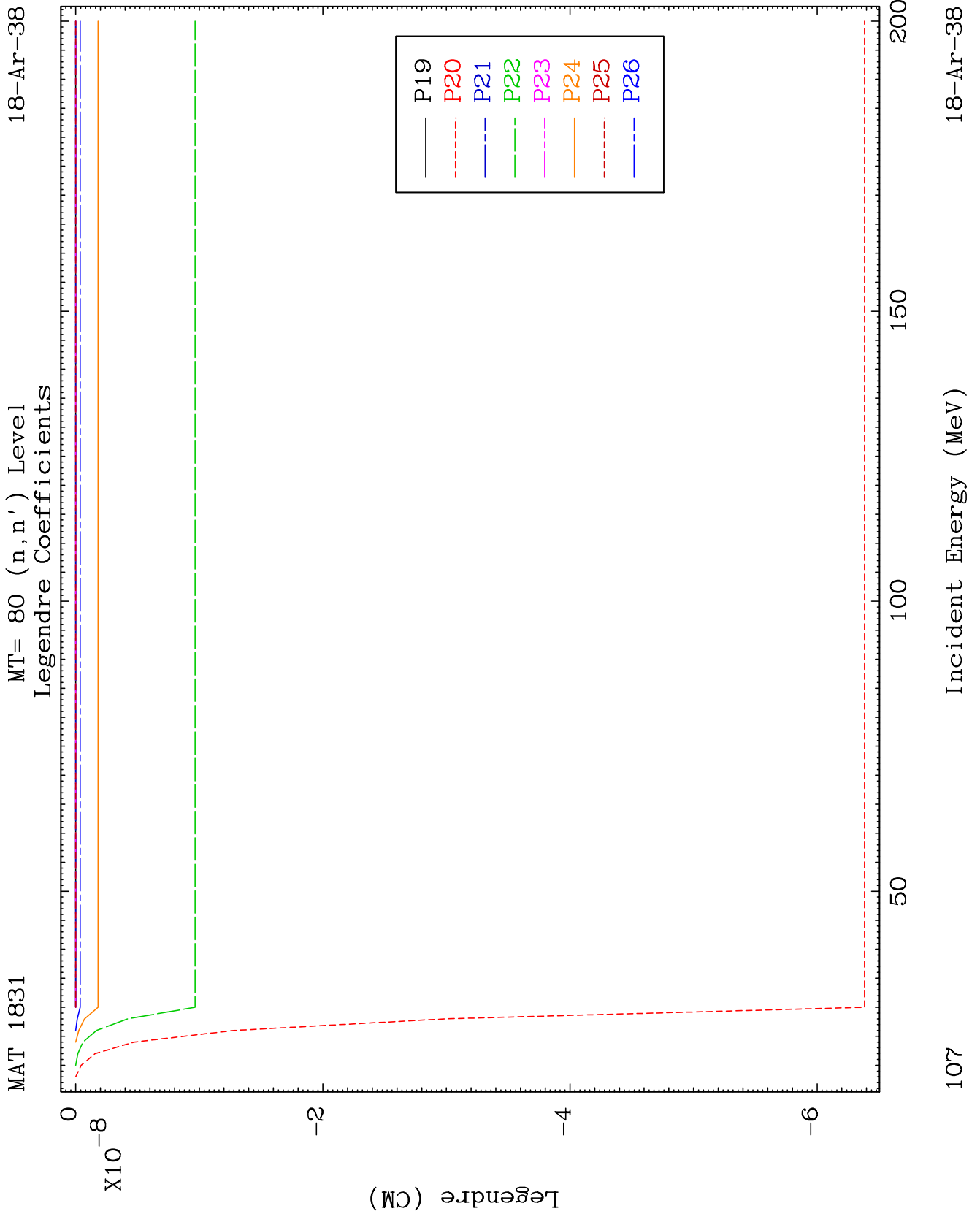
18-Ar-38



106

Incident Energy (MeV)

18-Ar-38



(n,p)
Radionuclide Production Cross Section

