

Program EVALPLOT
(Version 2018-1)

by

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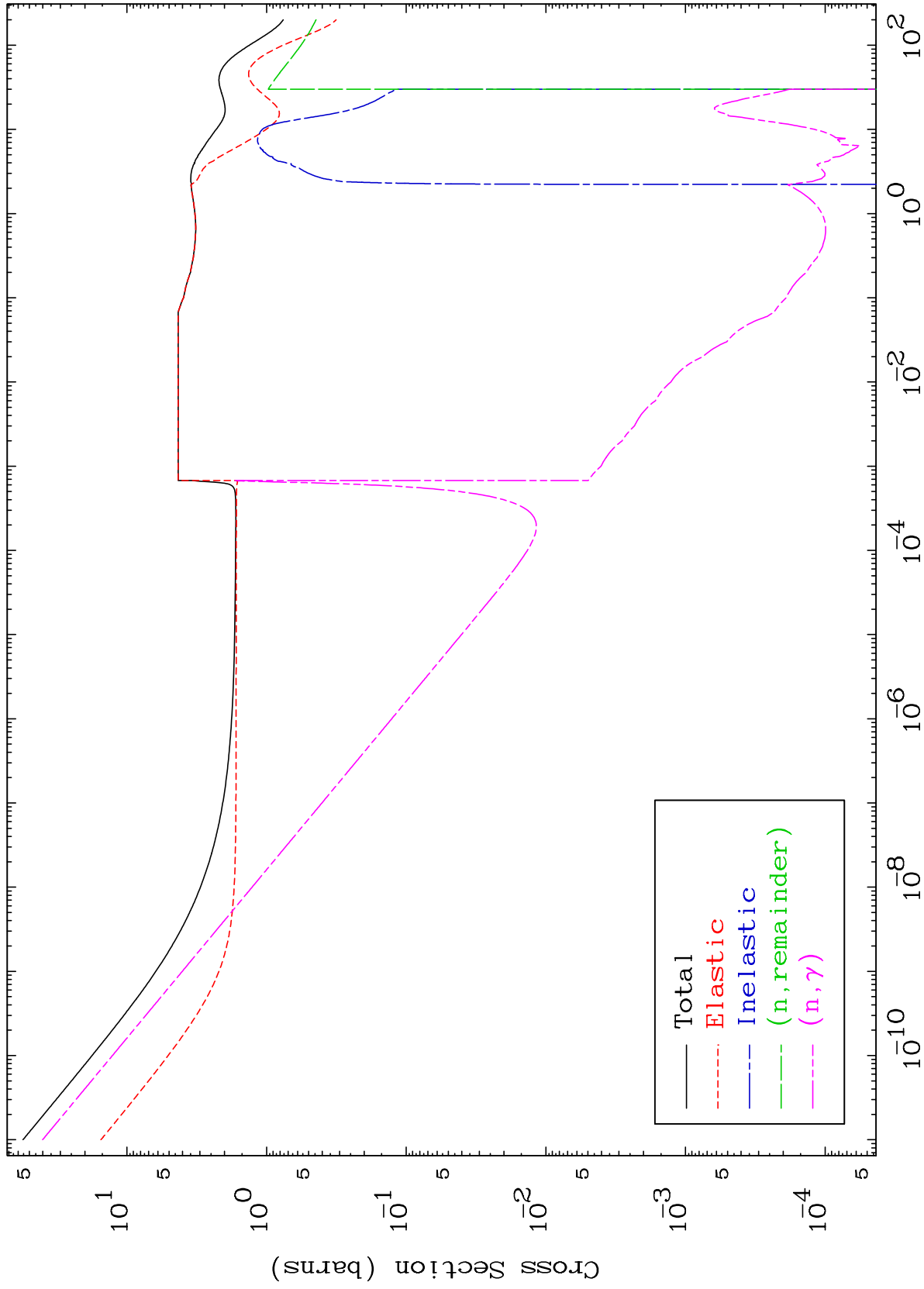
Press Mouse Button to Start

MAT 1831

Major

293 Kelvin Cross Sections

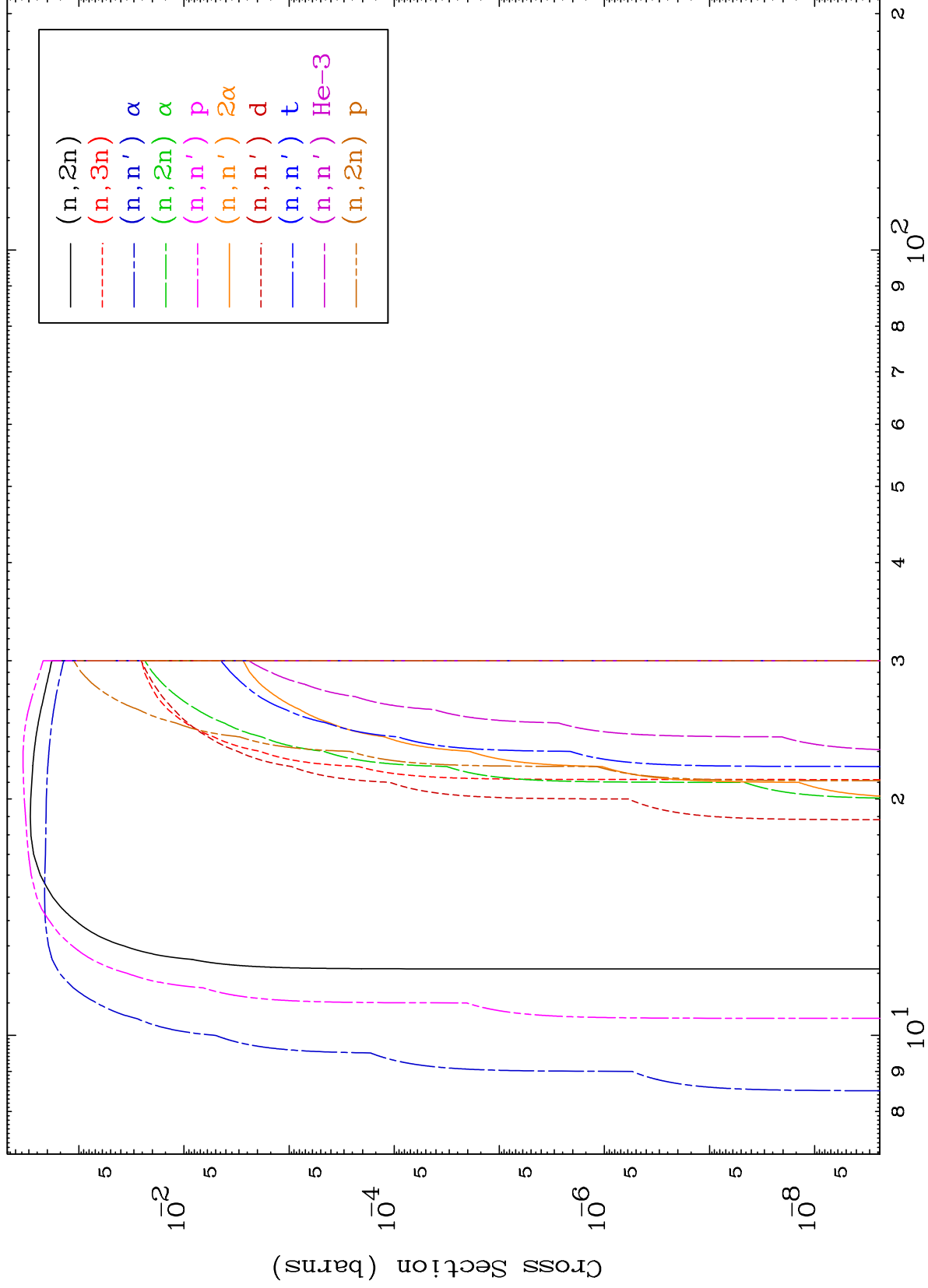
18-Ar-38



MAT 1831

Neutron Production
293 Kelvin Cross Sections

18-Ar-38



2

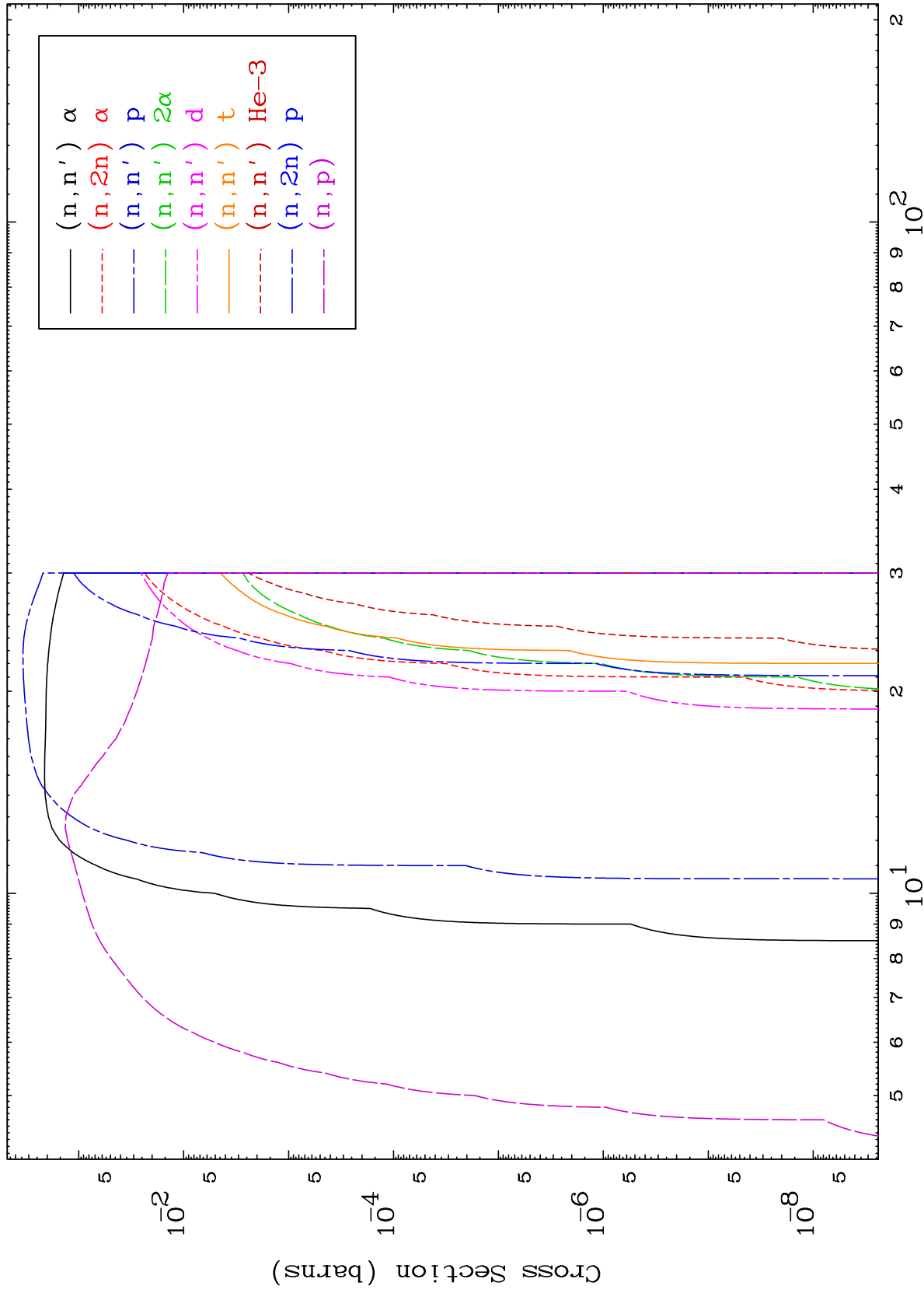
Incident Energy (MeV)

18-Ar-38

MAT 1831

Charged Particle
293 Kelvin Cross Sections

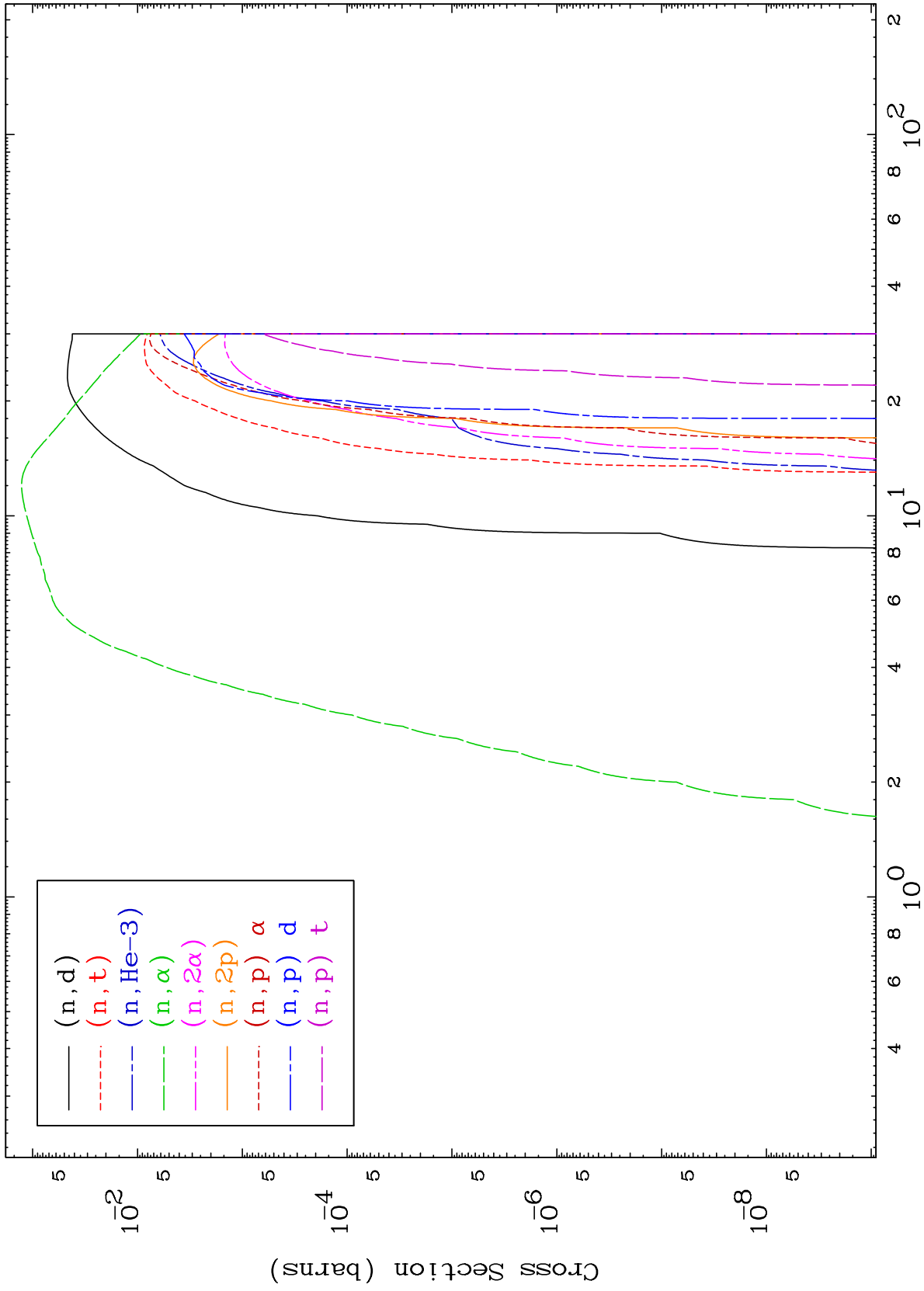
18-Ar-38



3

Incident Energy (MeV)

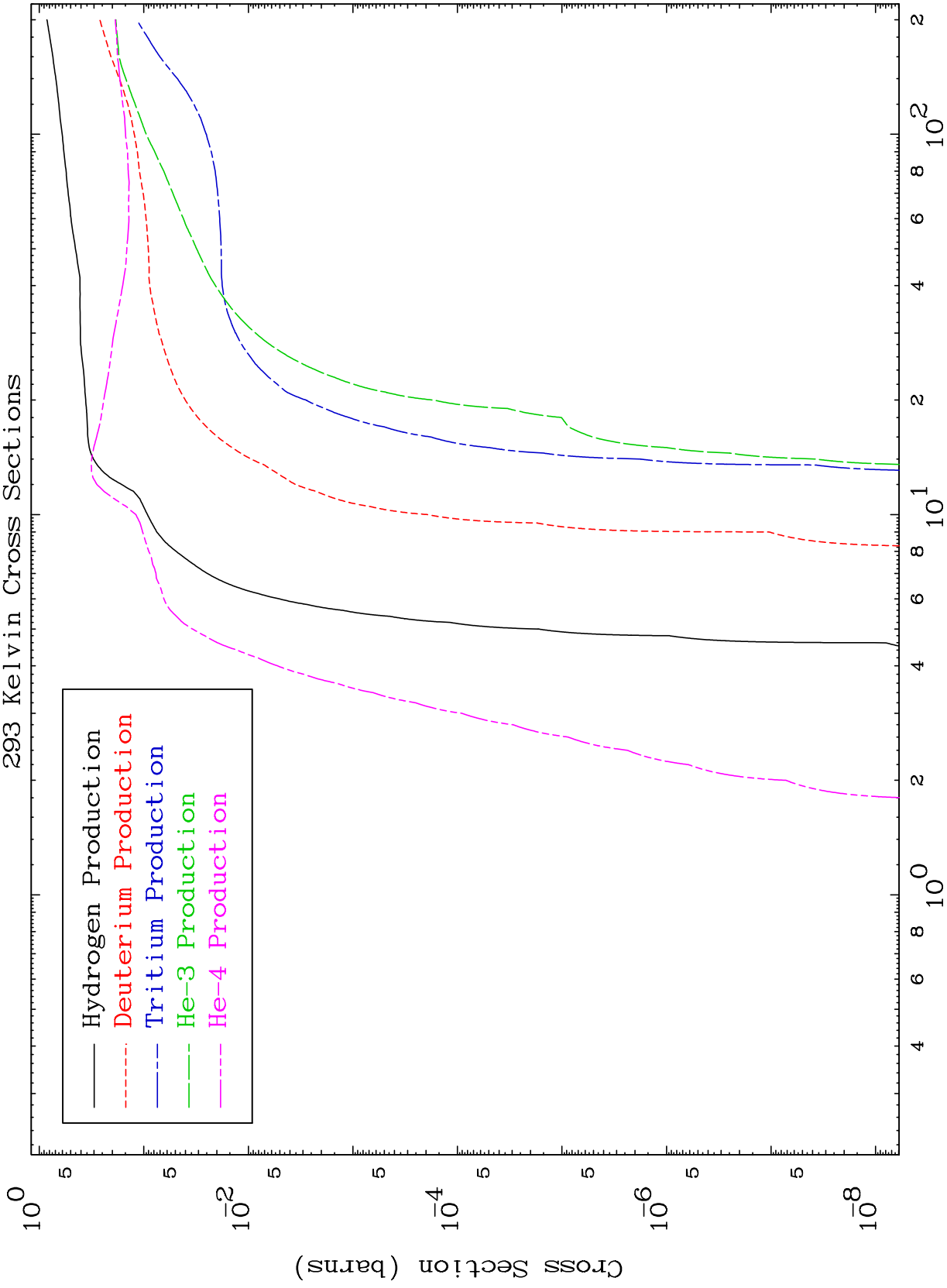
18-Ar-38



MAT 1831

293 Kelvin Cross Sections

18-Ar-38



5

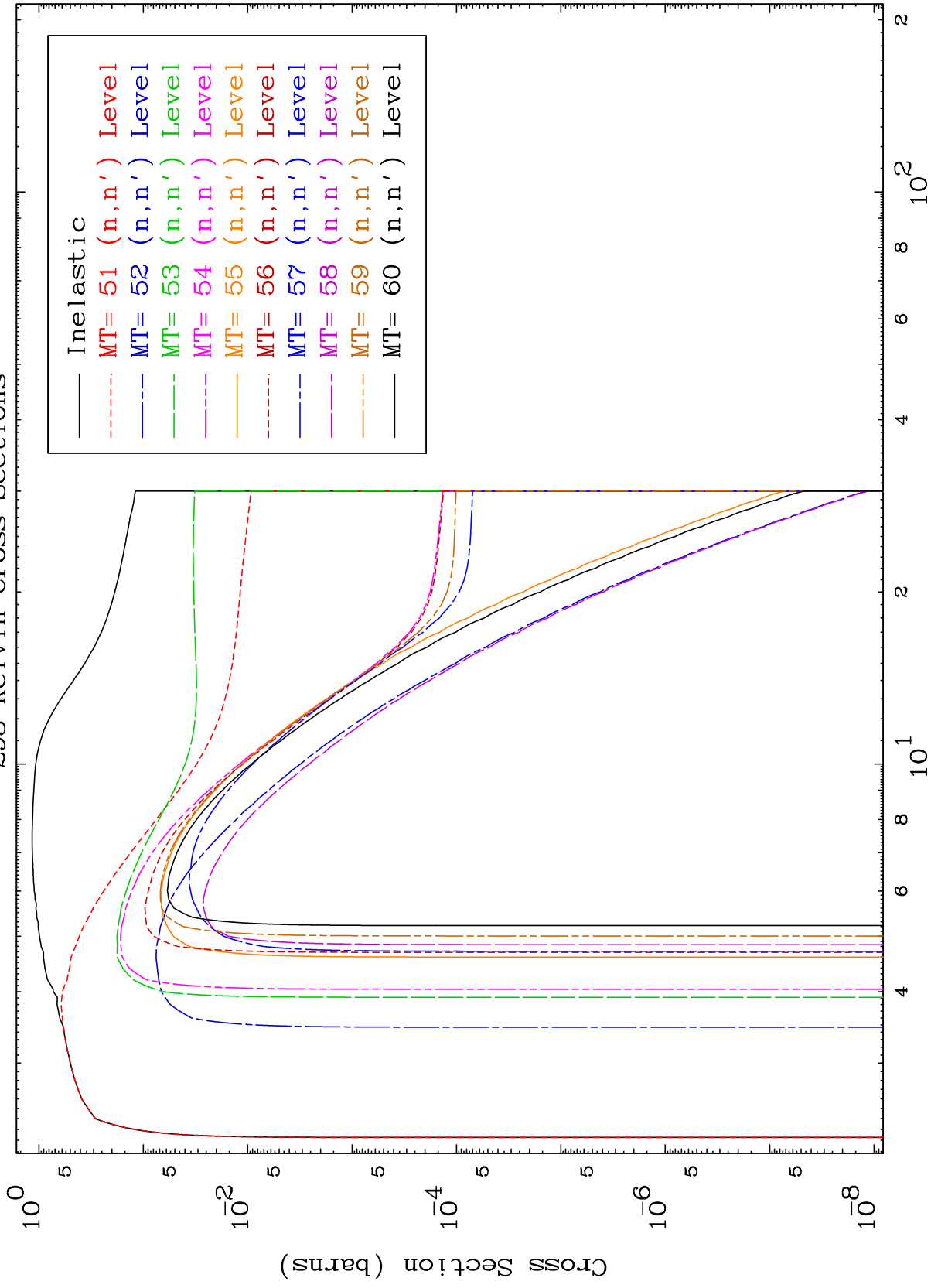
Incident Energy (MeV)

18-Ar-38

MAT 1831

(n,n') Level
293 Kelvin Cross Sections

18-Ar-38



6

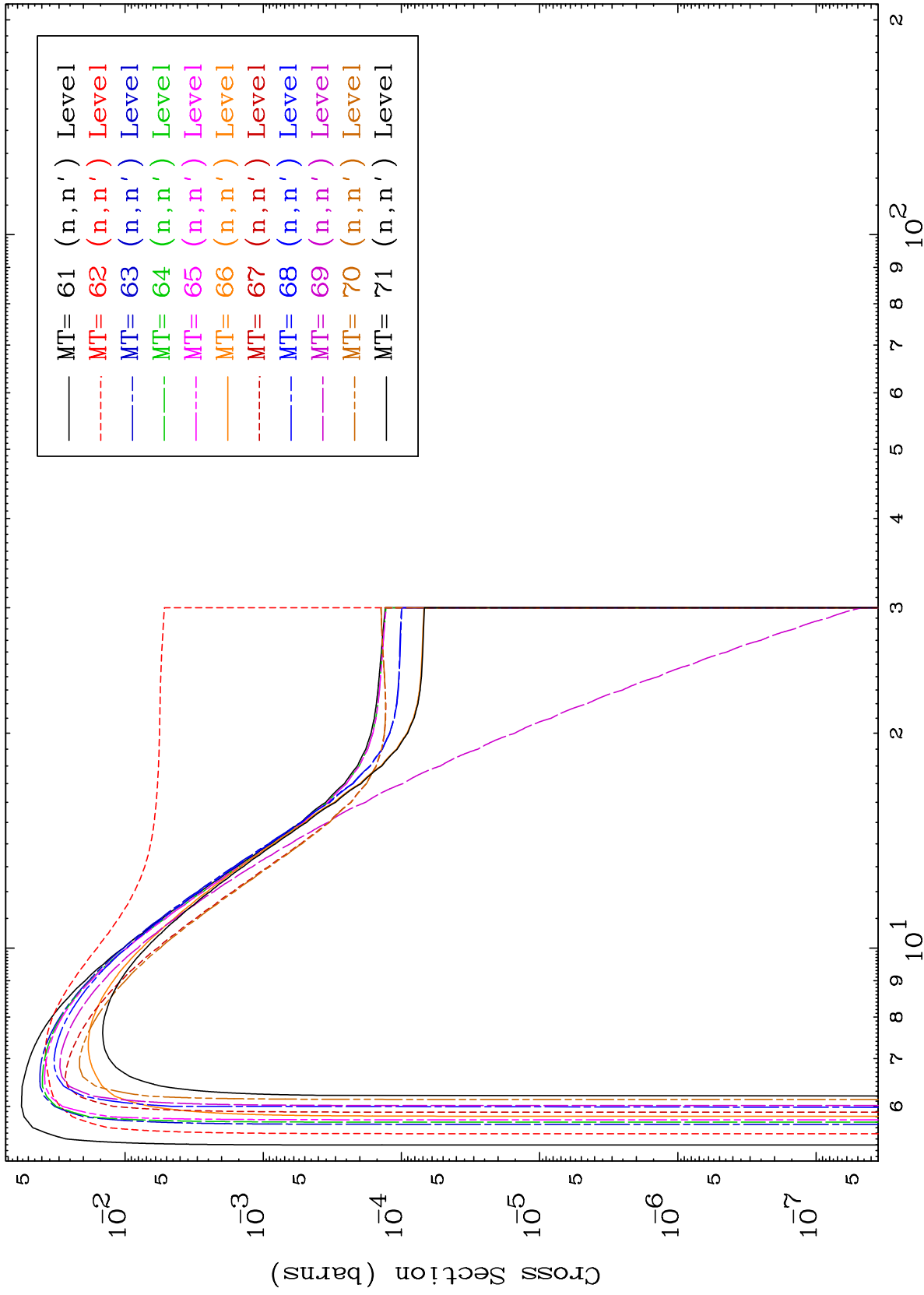
Incident Energy (MeV)

18-Ar-38

MAT 1831

(n,n') Level
293 Kelvin Cross Sections

18-Ar-38



7

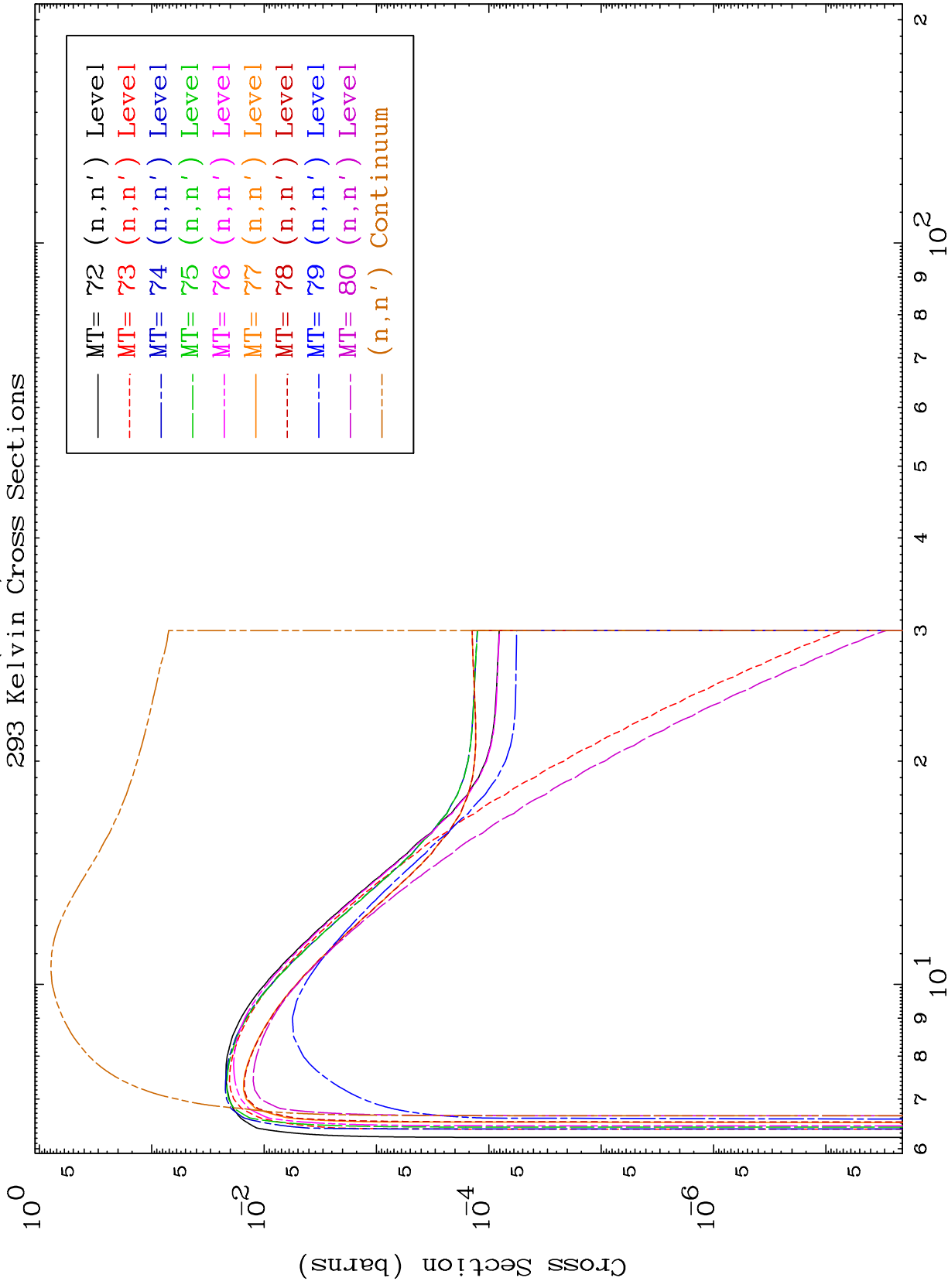
Incident Energy (MeV)

18-Ar-38

MAT 1831

(n,n') Level
293 Kelvin Cross Sections

18-Ar-38



8

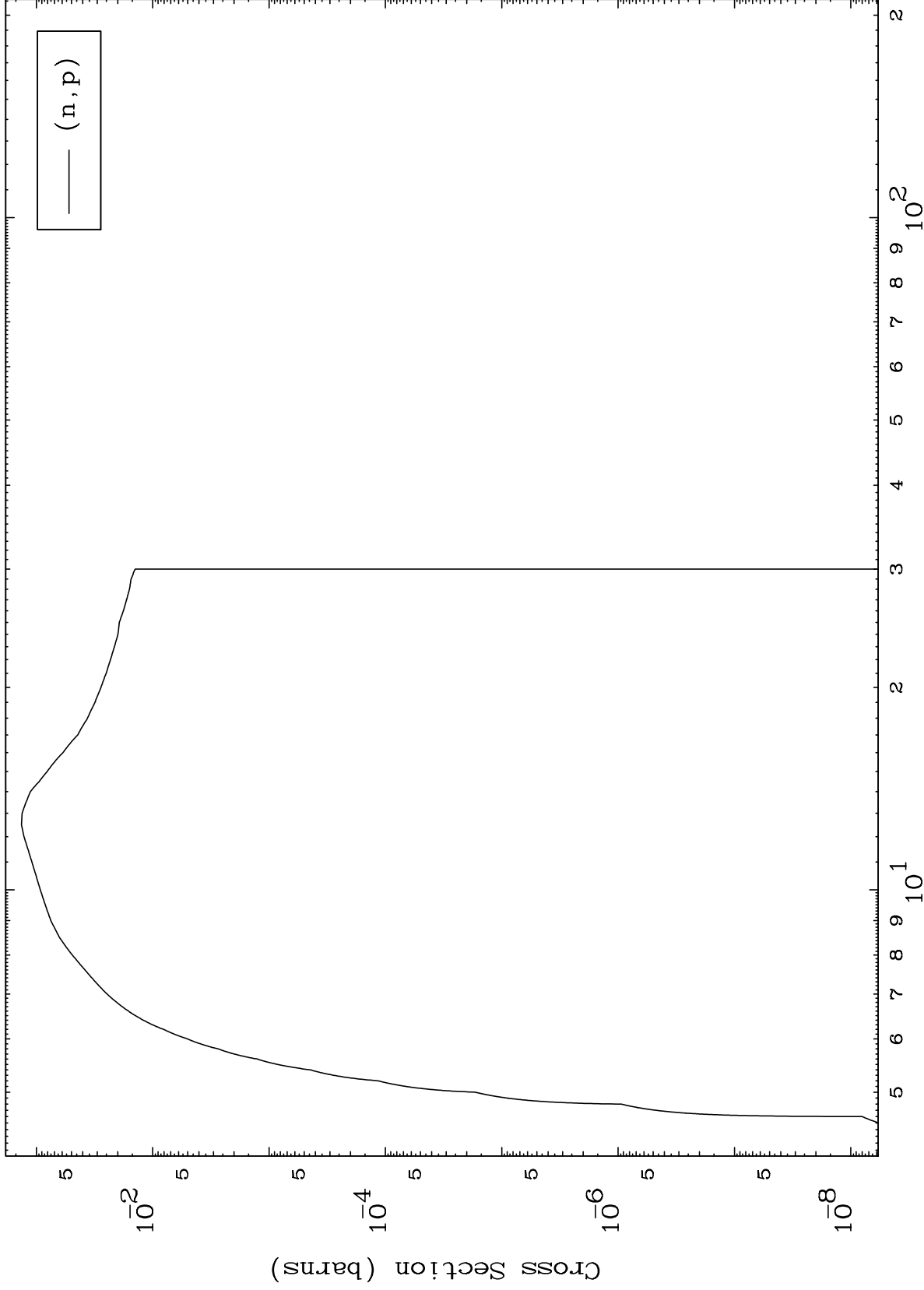
Incident Energy (MeV)

18-Ar-38

MAT 1831

(n,p) Levels
293 Kelvin Cross Sections

18-Ar-38



9

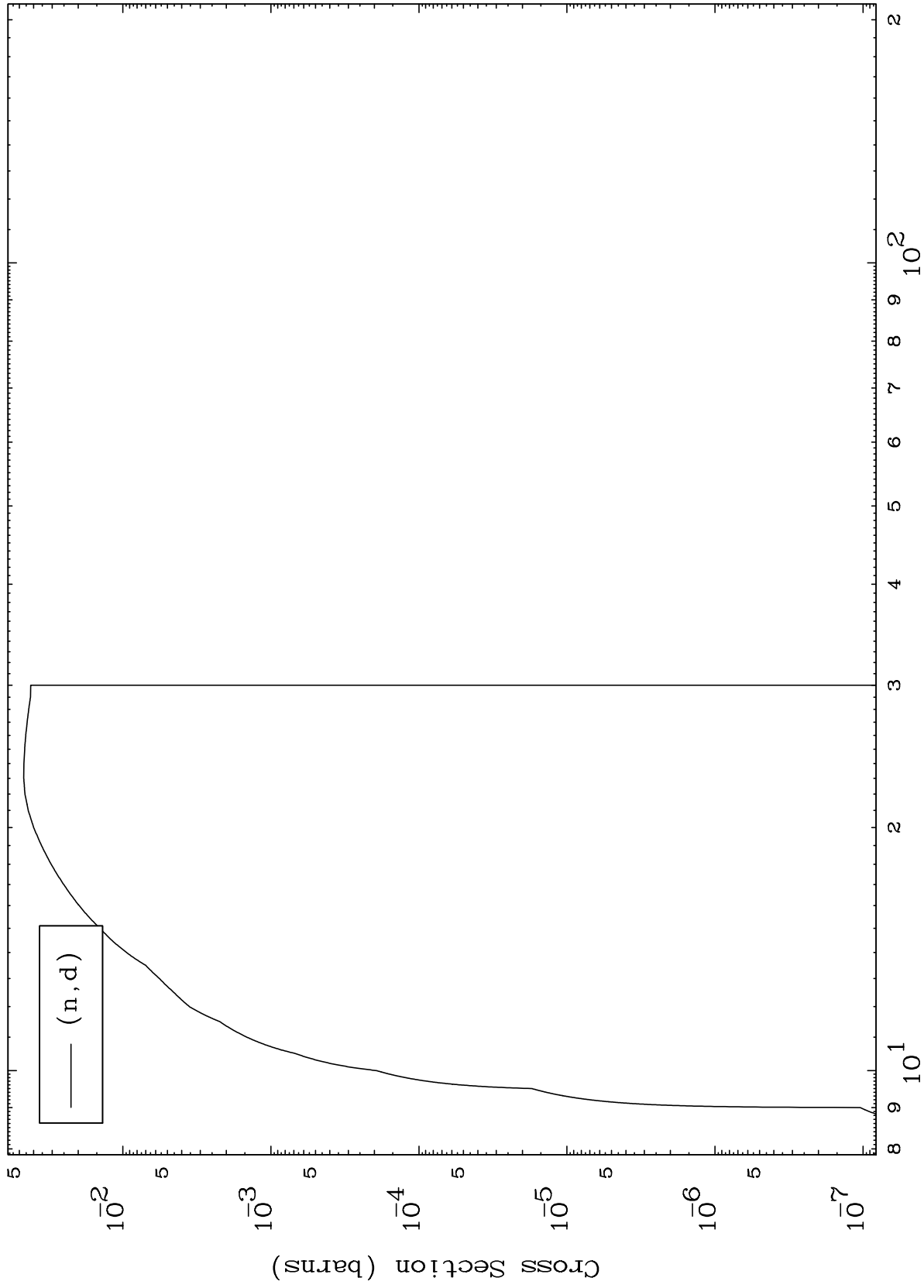
Incident Energy (MeV)

18-Ar-38

MAT 1831

(n,d) Levels
293 Kelvin Cross Sections

18-Ar-38



10

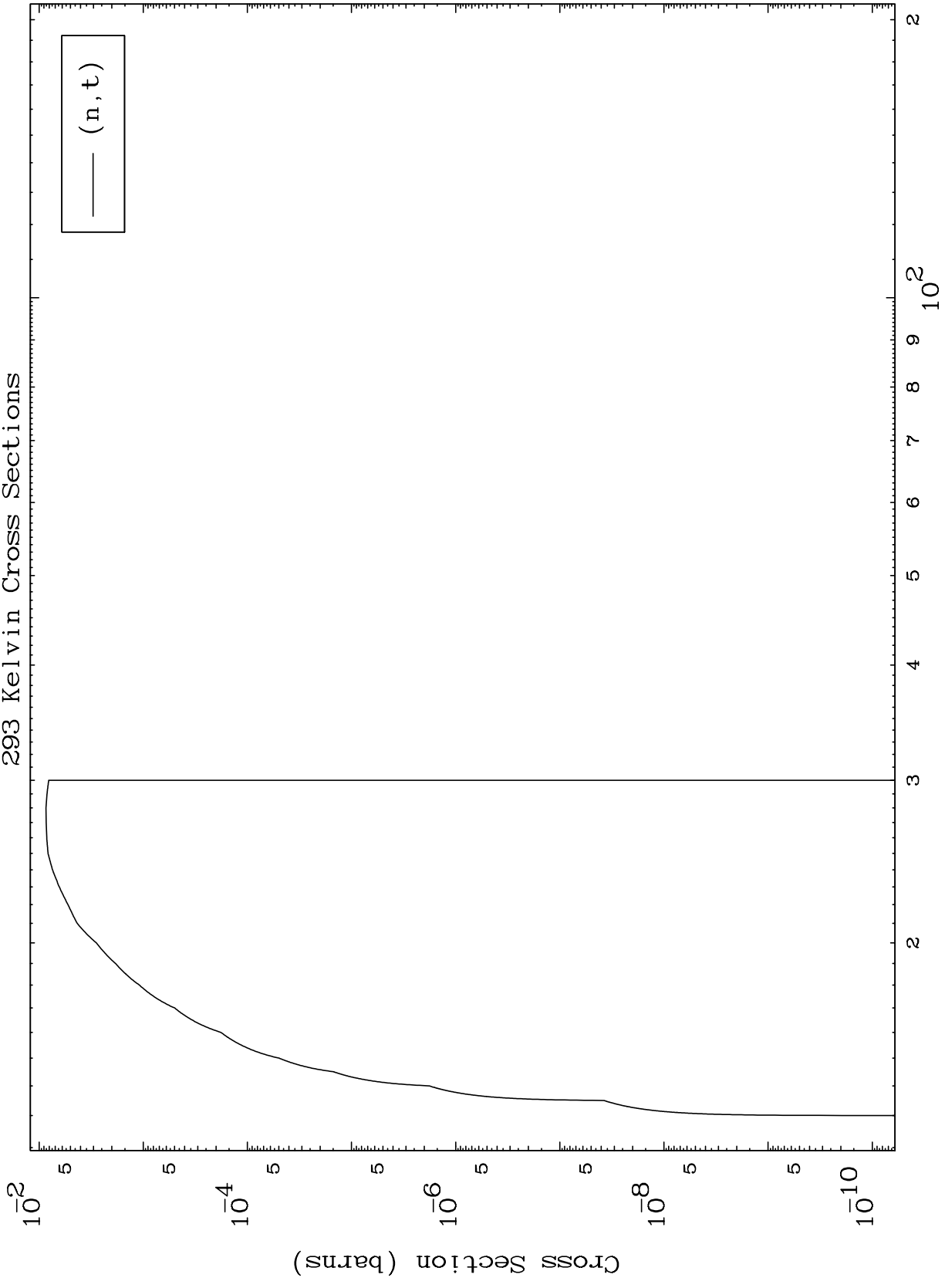
Incident Energy (MeV)

18-Ar-38

MAT 1831

(n,t) Levels
293 Kelvin Cross Sections

18-Ar-38



11

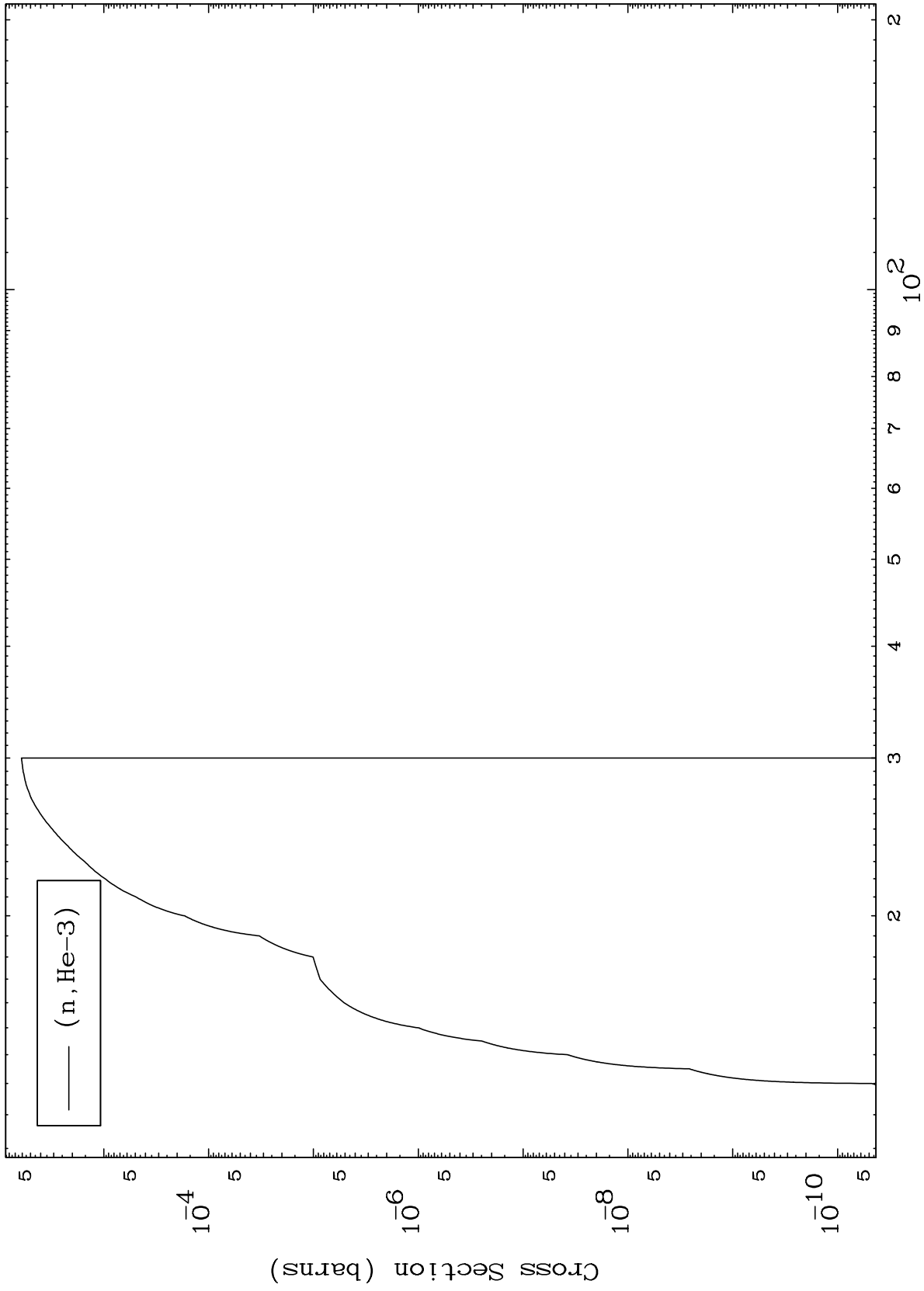
Incident Energy (MeV)

18-Ar-38

MAT 1831

(n,He3) Levels
293 Kelvin Cross Sections

18-Ar-38



12

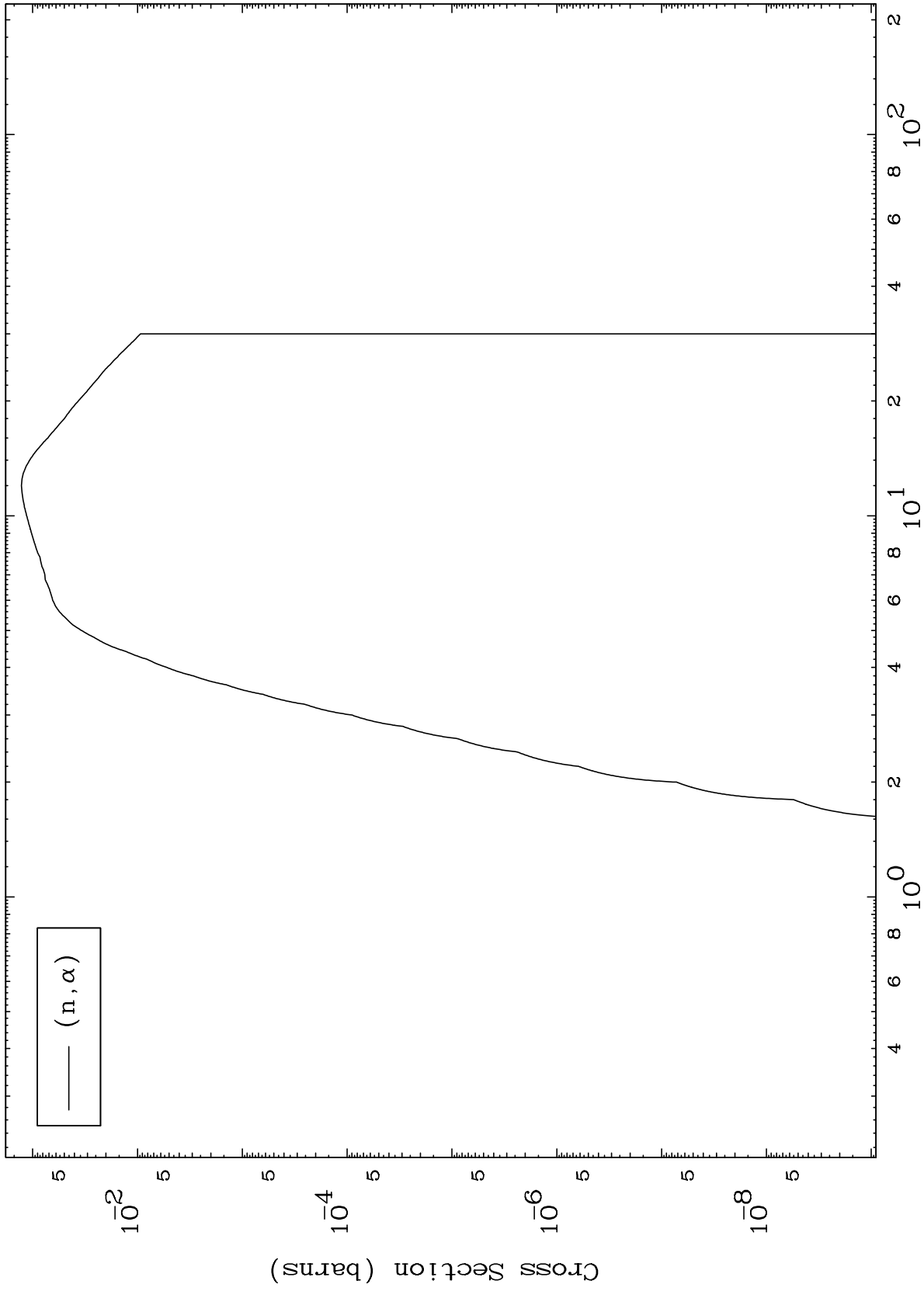
Incident Energy (MeV)

18-Ar-38

MAT 1831

(n,α) Levels
293 Kelvin Cross Sections

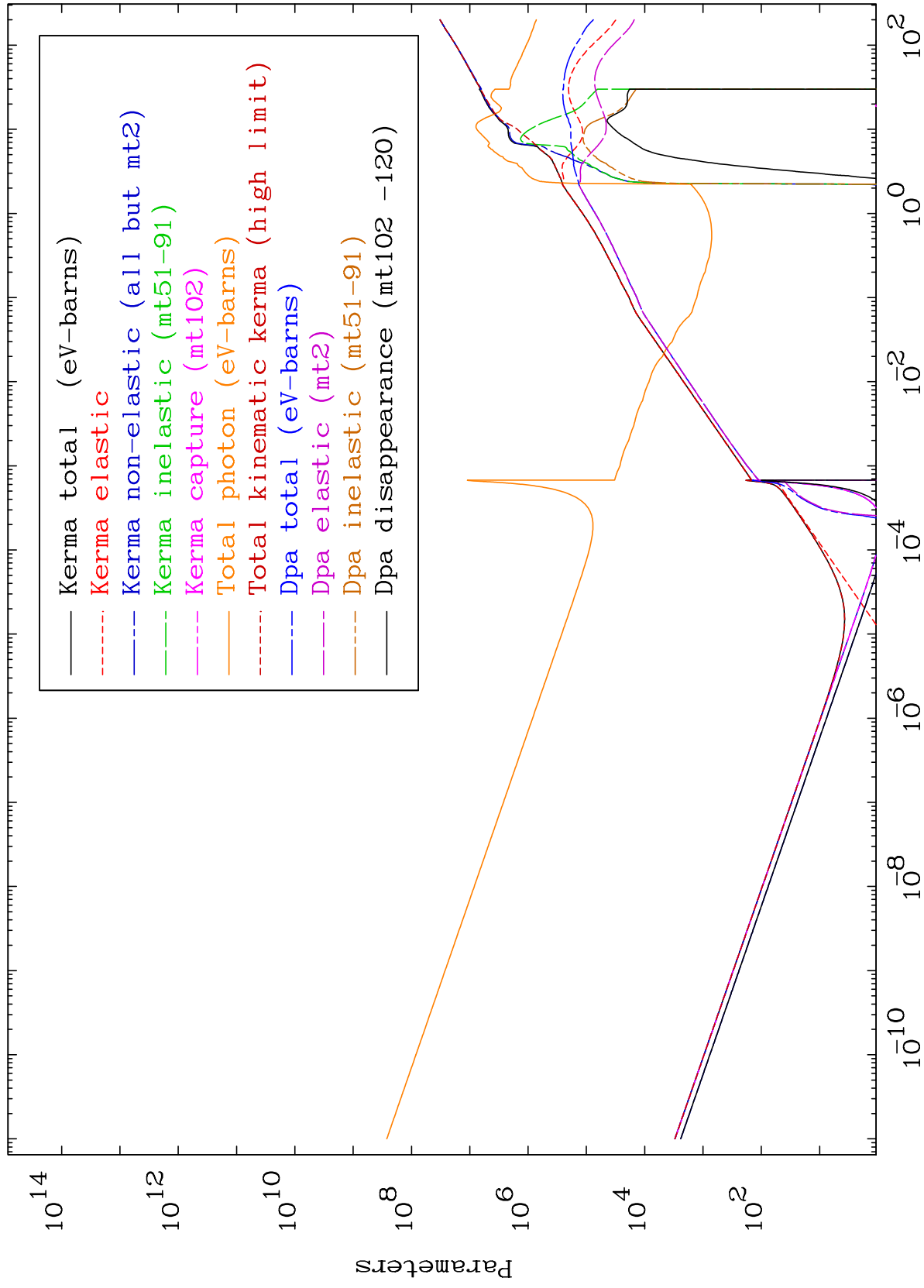
18-Ar-38



13

Incident Energy (MeV)

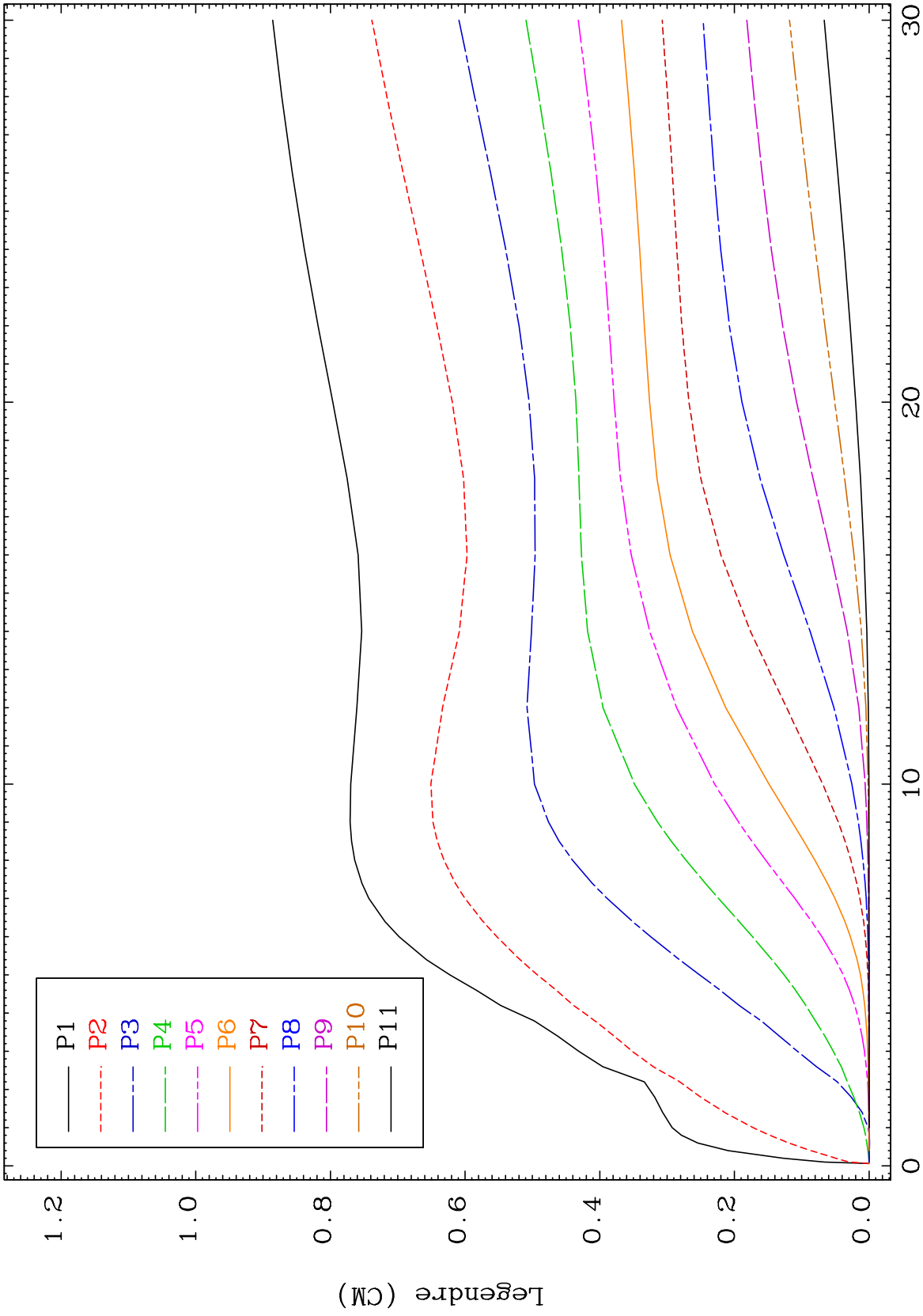
18-Ar-38



MAT 1831

Elastic Legendre Coefficients

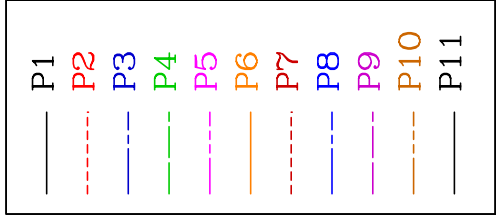
18-Ar-38



15

Incident Energy (MeV)

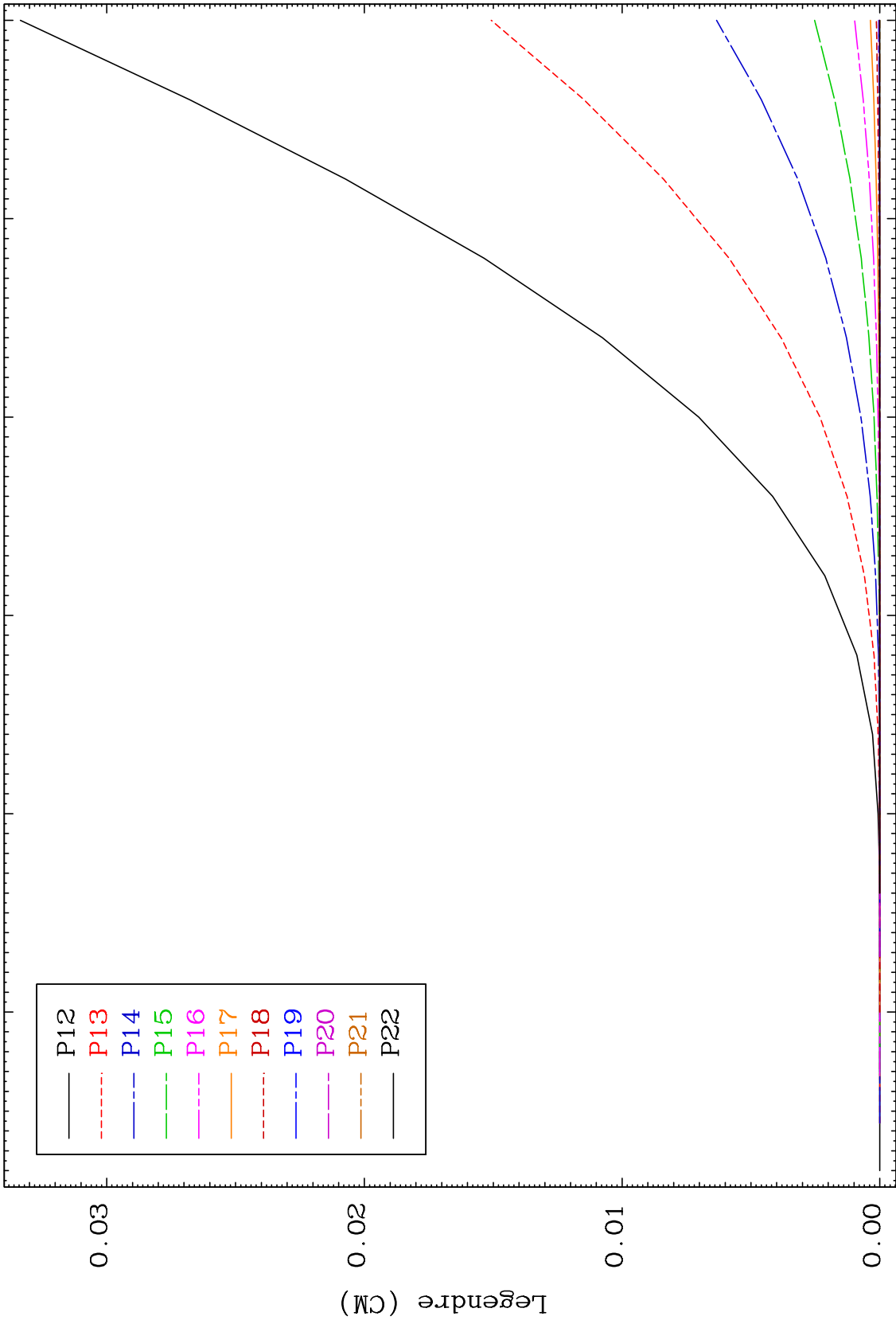
18-Ar-38



MAT 1831

Elastic Legendre Coefficients

18-Ar-38



16

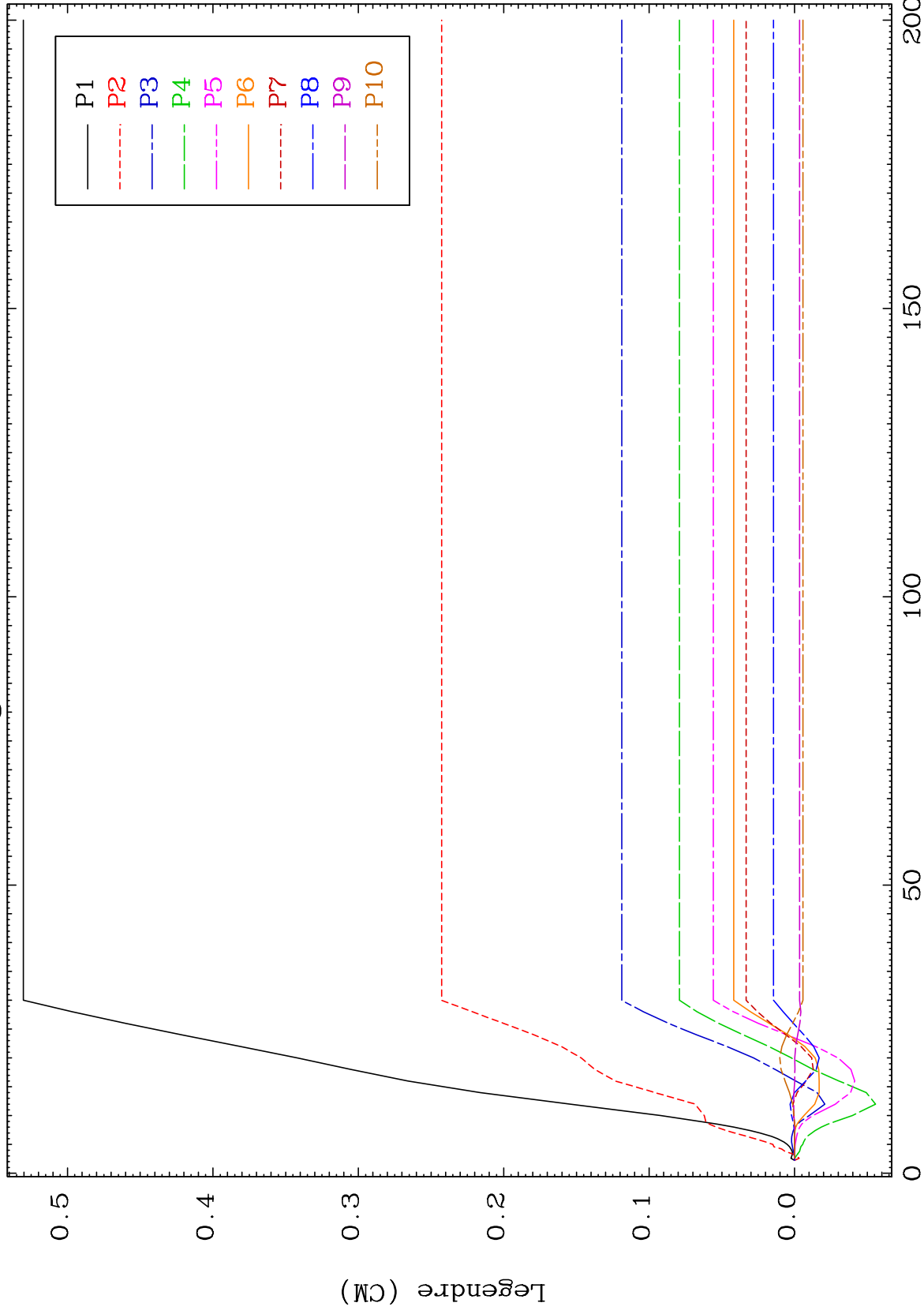
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



18

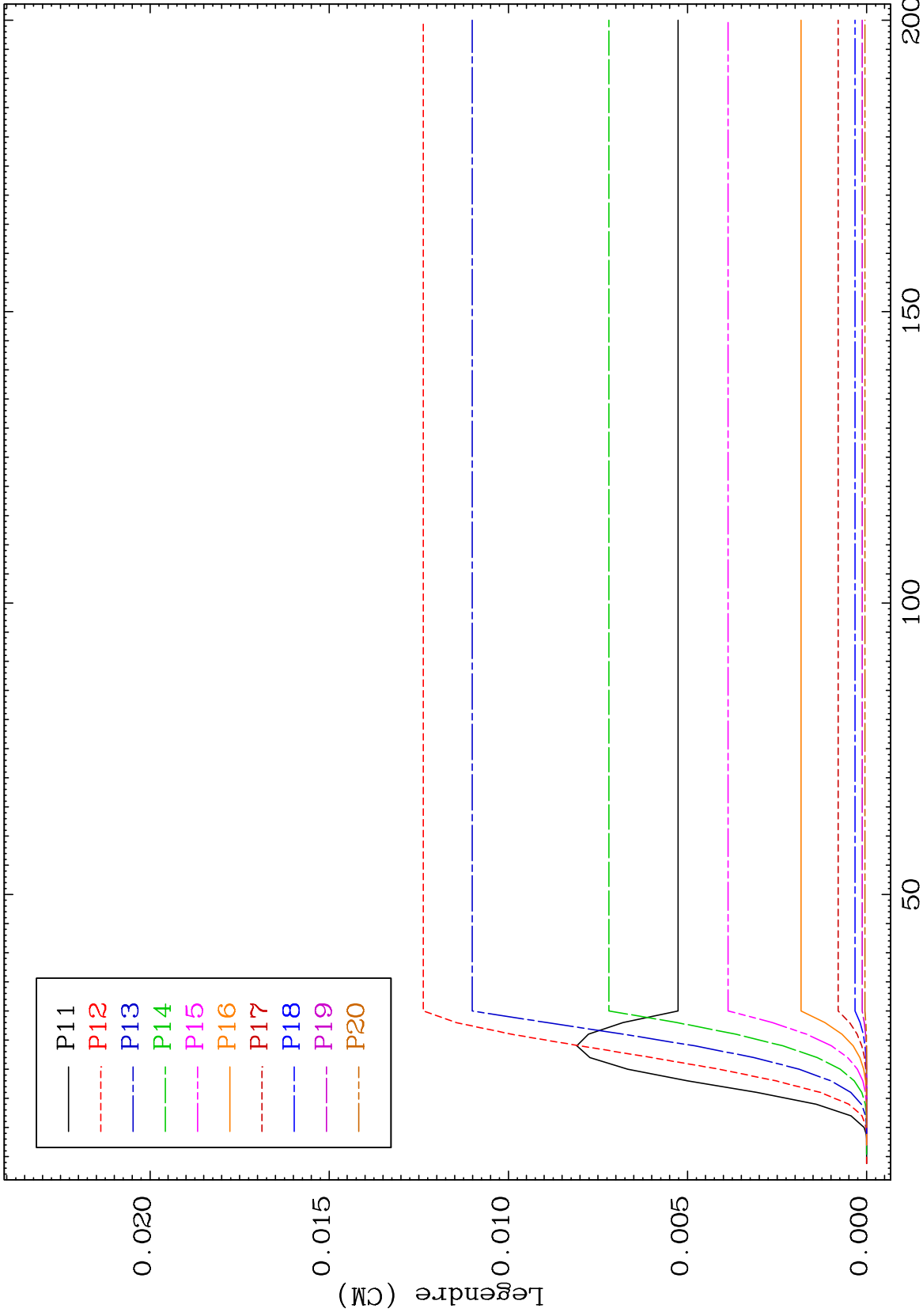
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



19

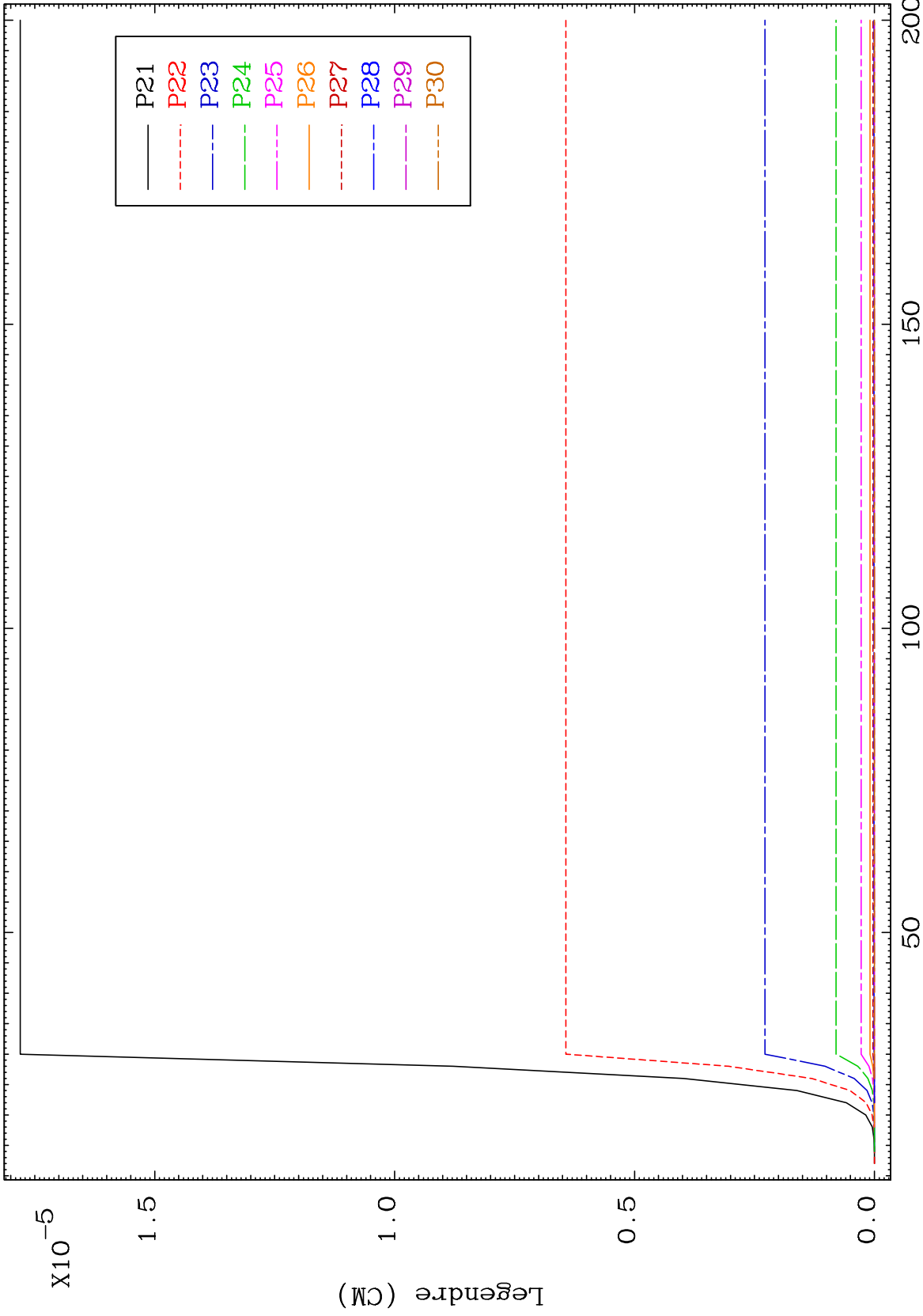
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



20

50

100

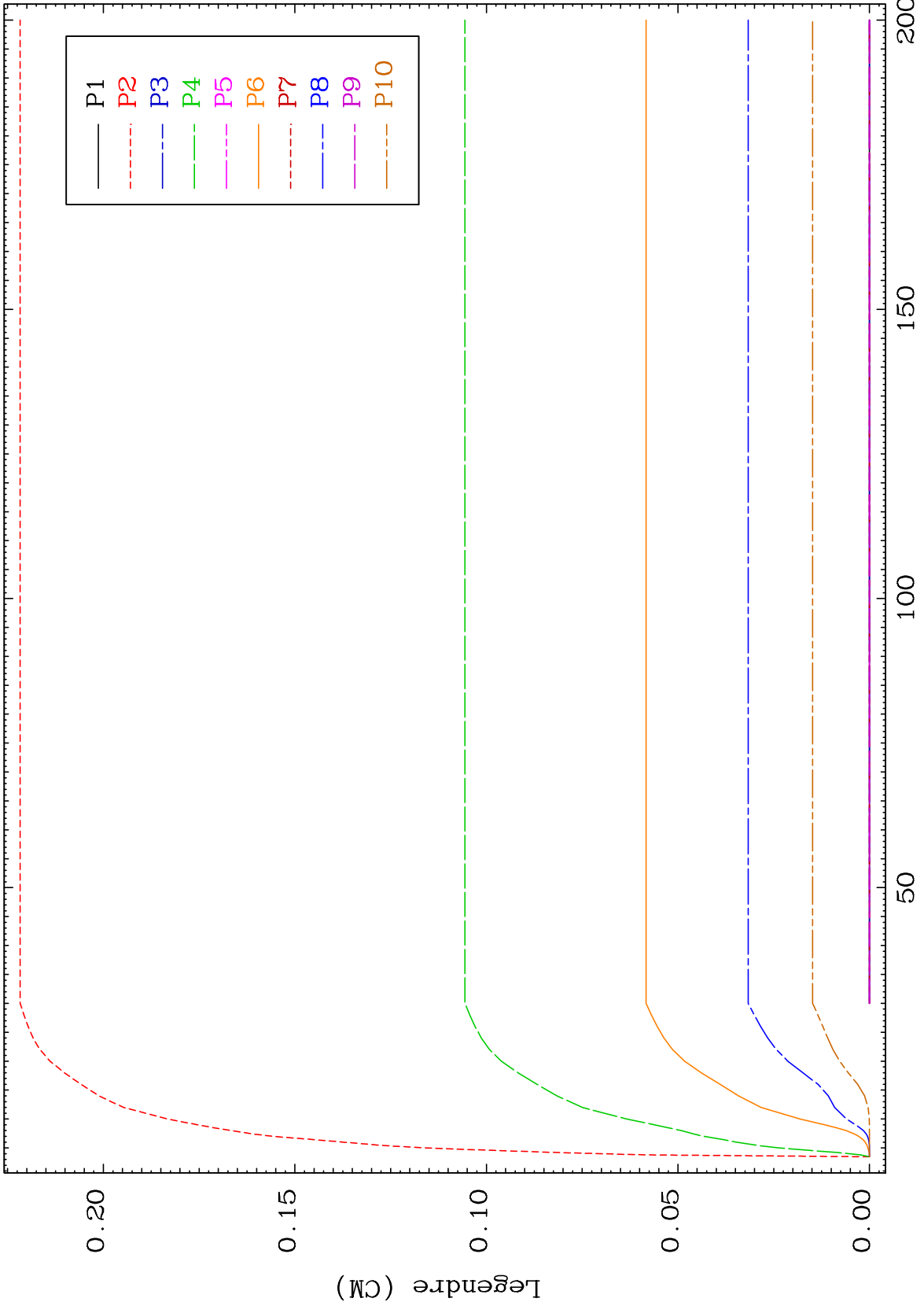
150

200

Incident Energy (MeV)

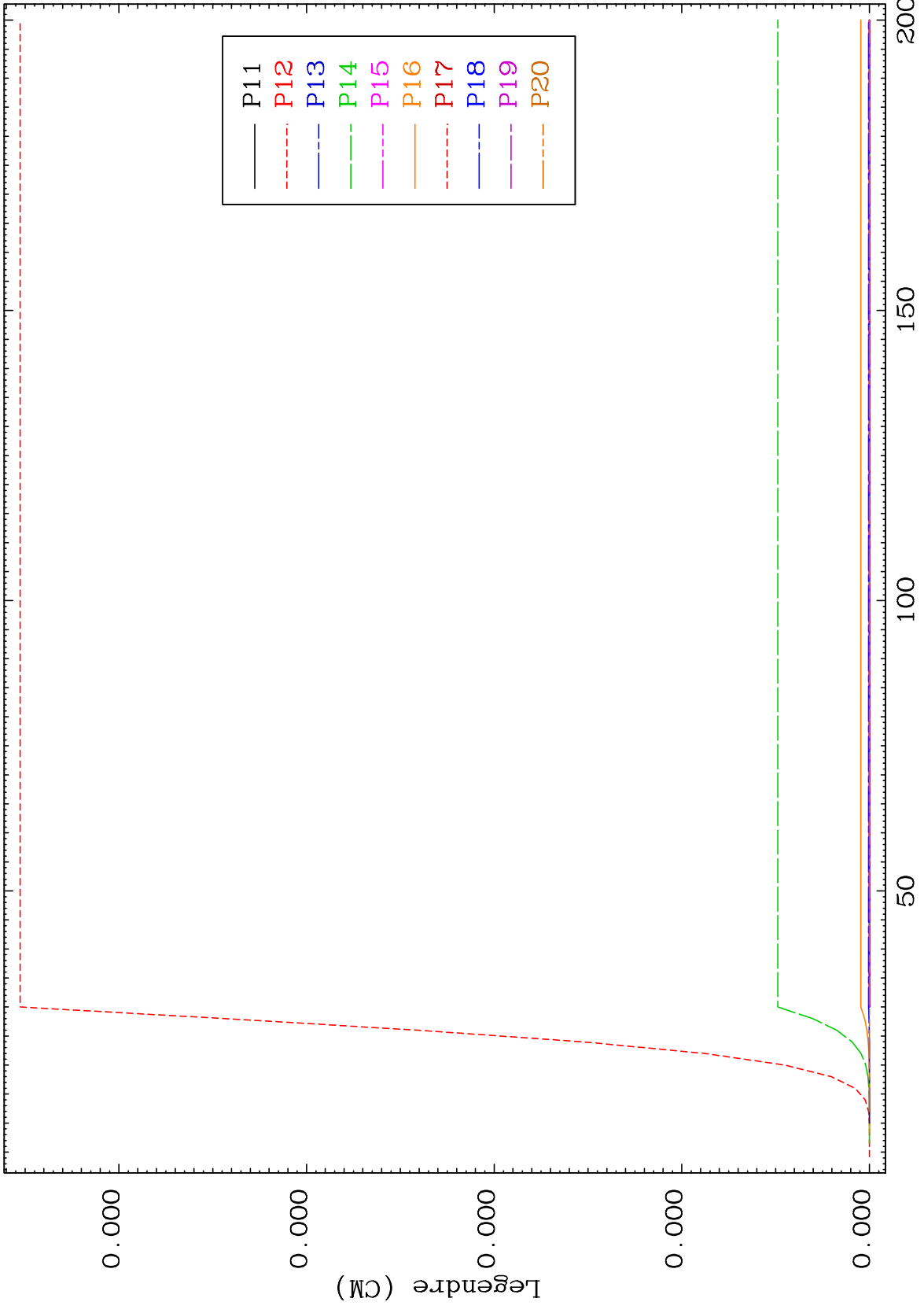
18-Ar-38

MAT 1831 MT= 52 (n,n') Level Legendre Coefficients 18-Ar-38



21 Incident Energy (MeV) 18-Ar-38

MAT 1831 MT= 52 (n,n') Level Legendre Coefficients 18-Ar-38

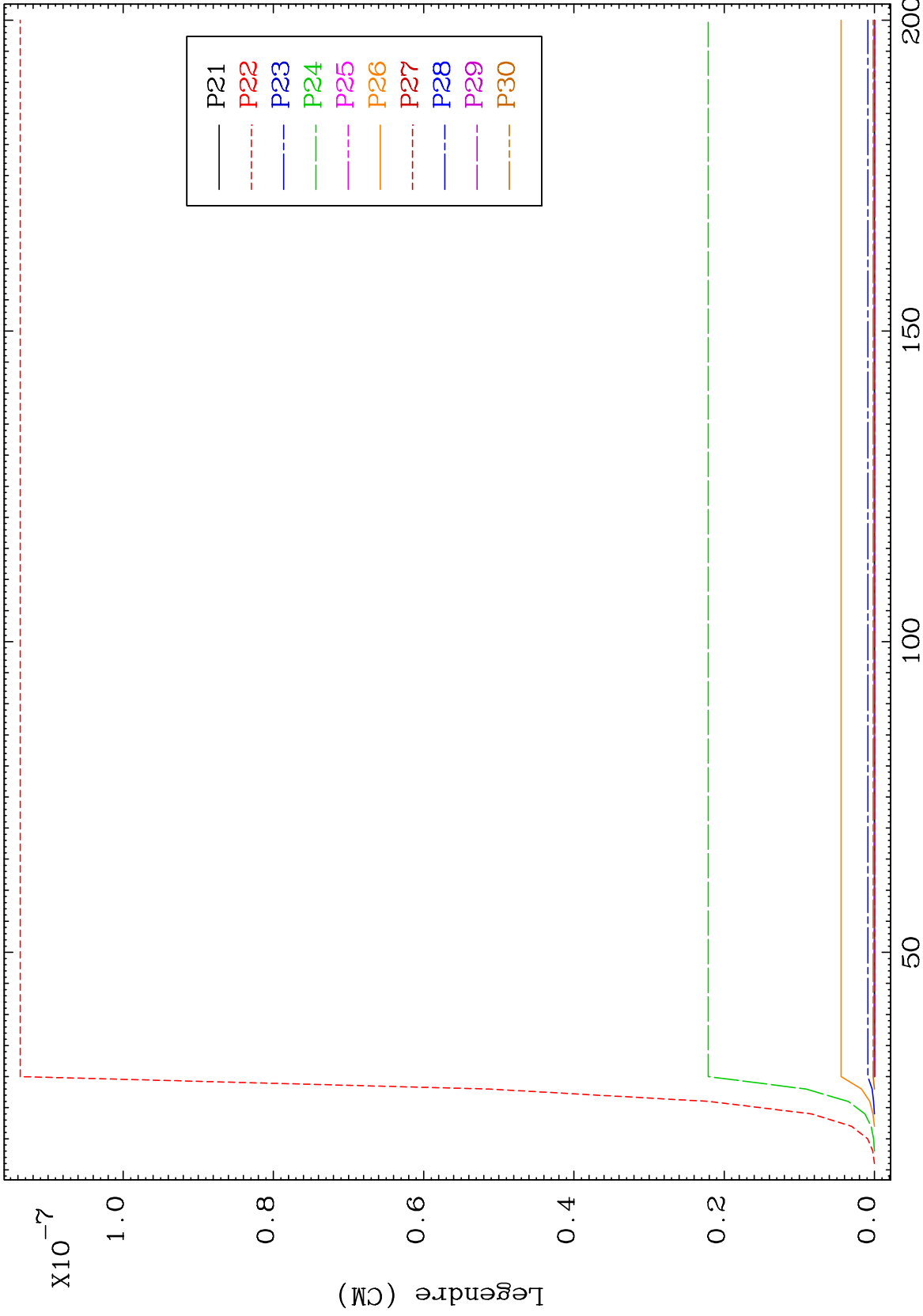


22 18-Ar-38

MAT 1831

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

18-Ar-38



23

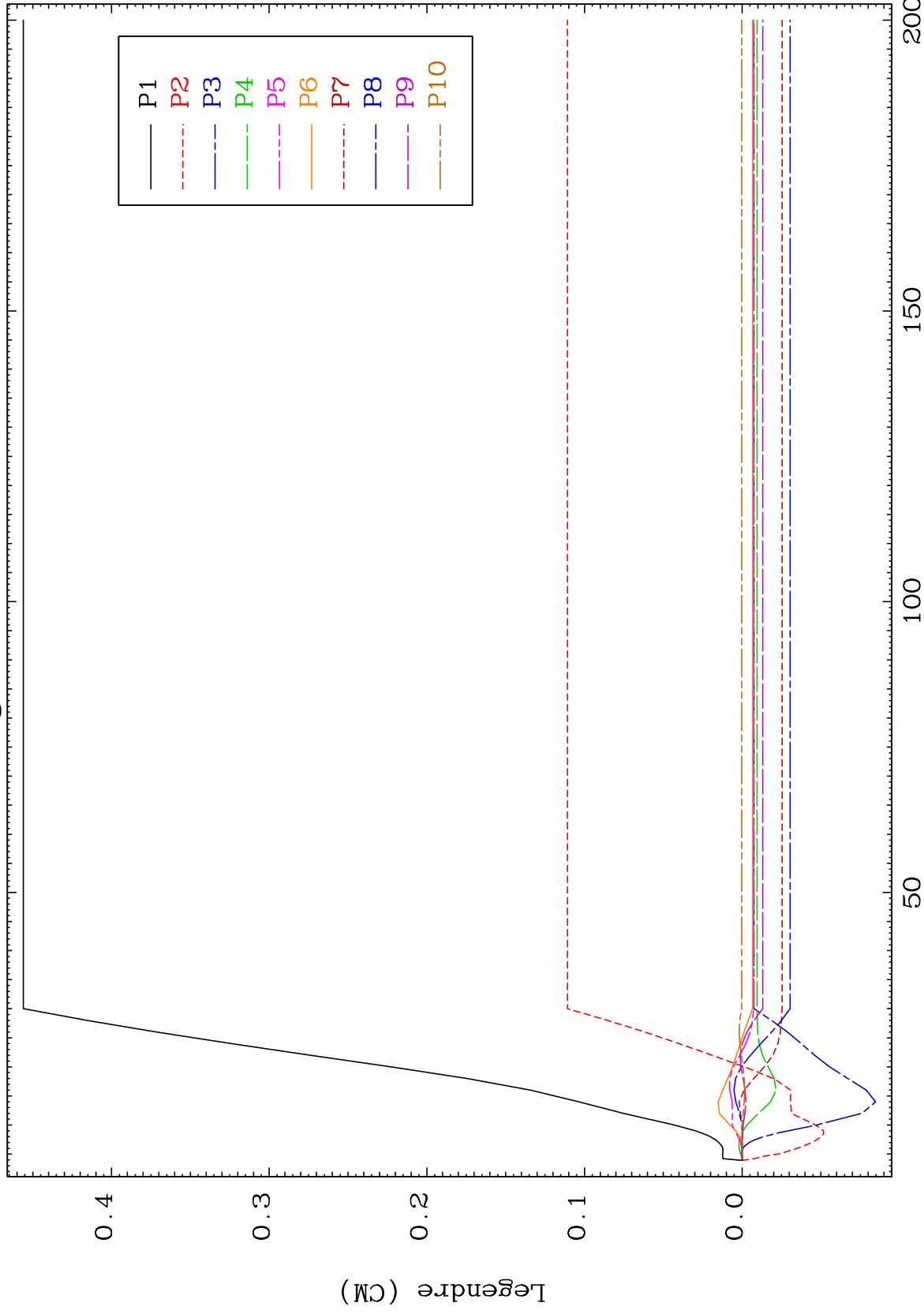
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



24

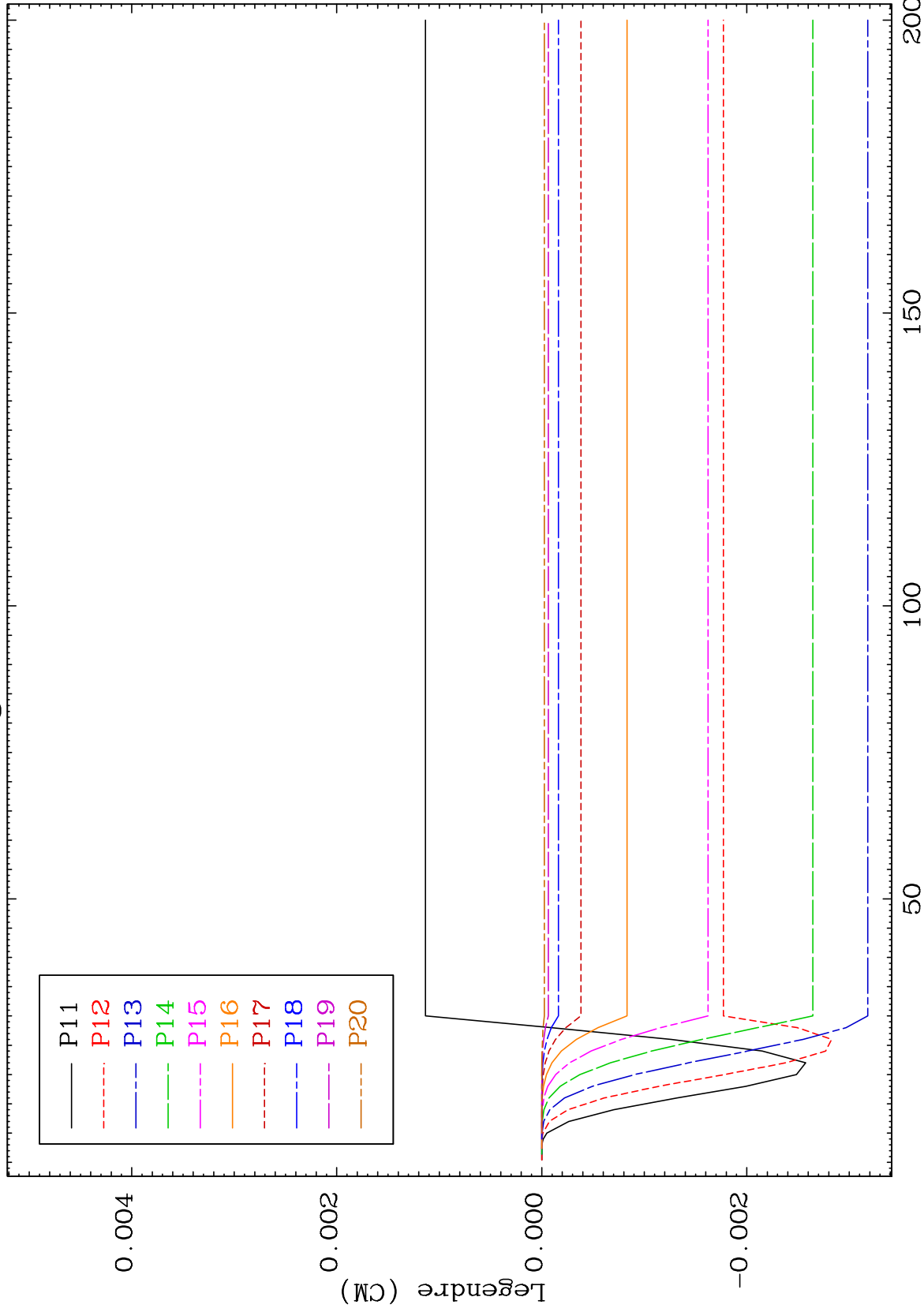
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



25

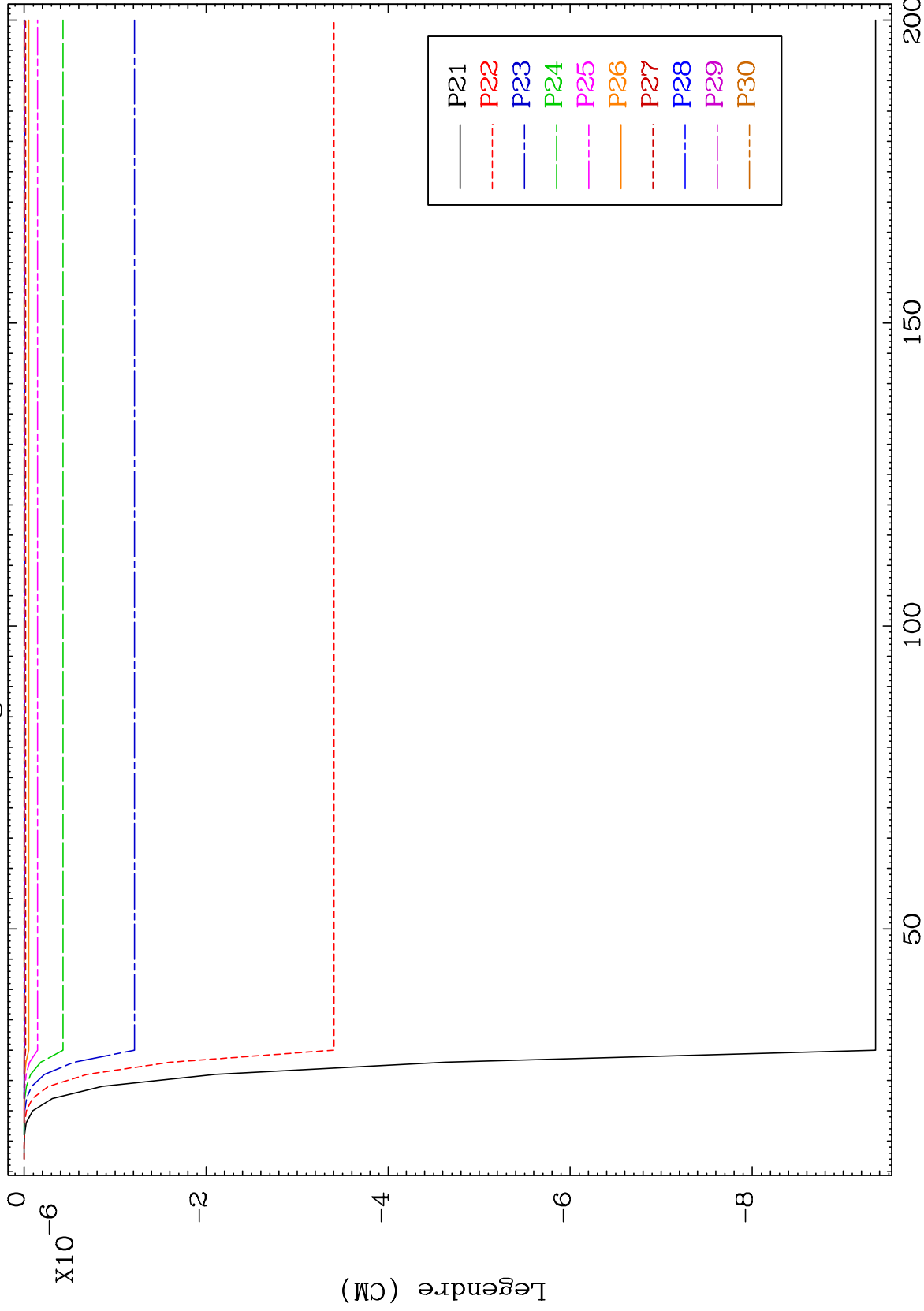
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



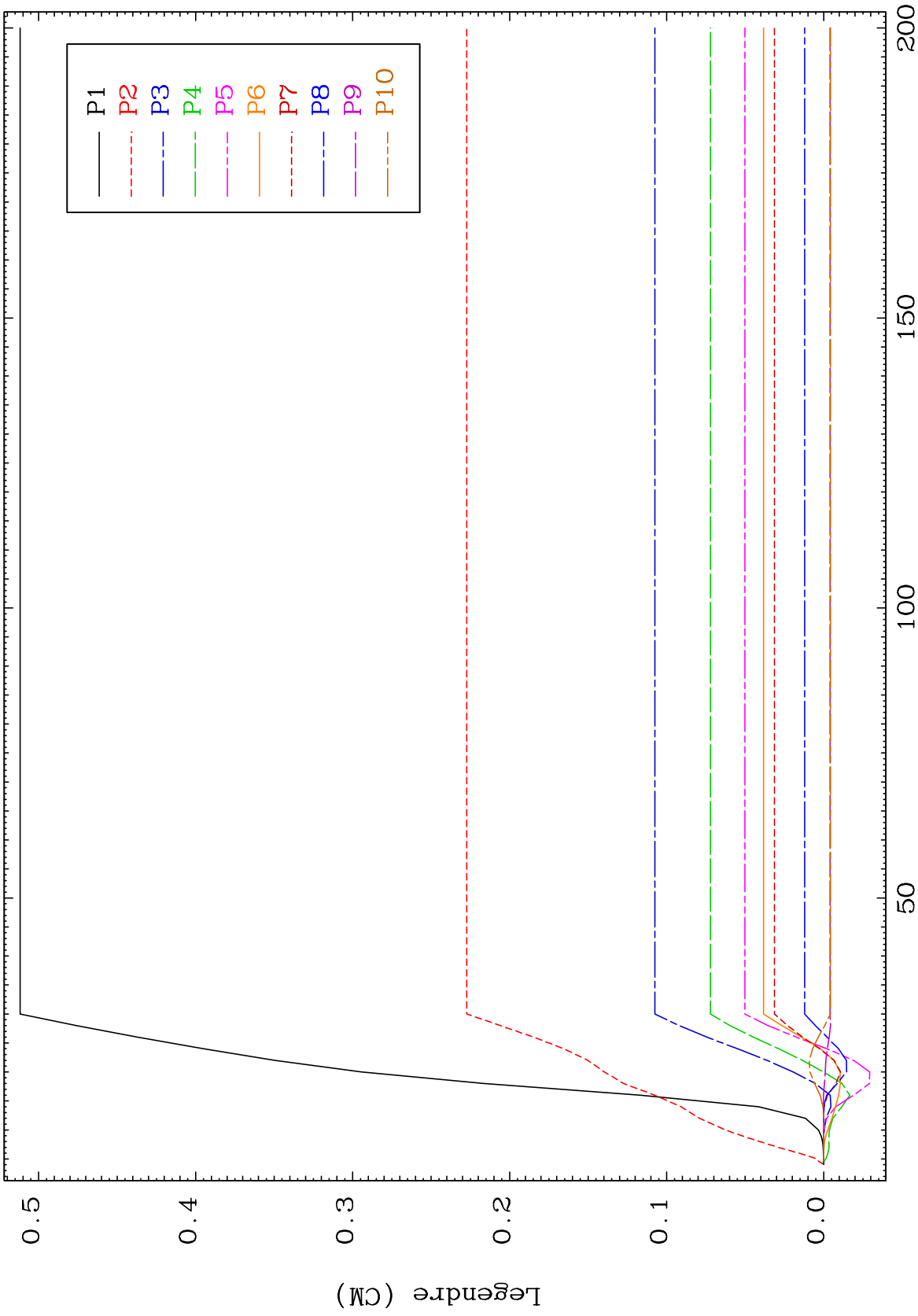
26

18-Ar-38

MAT 1831

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

18-Ar-38



27

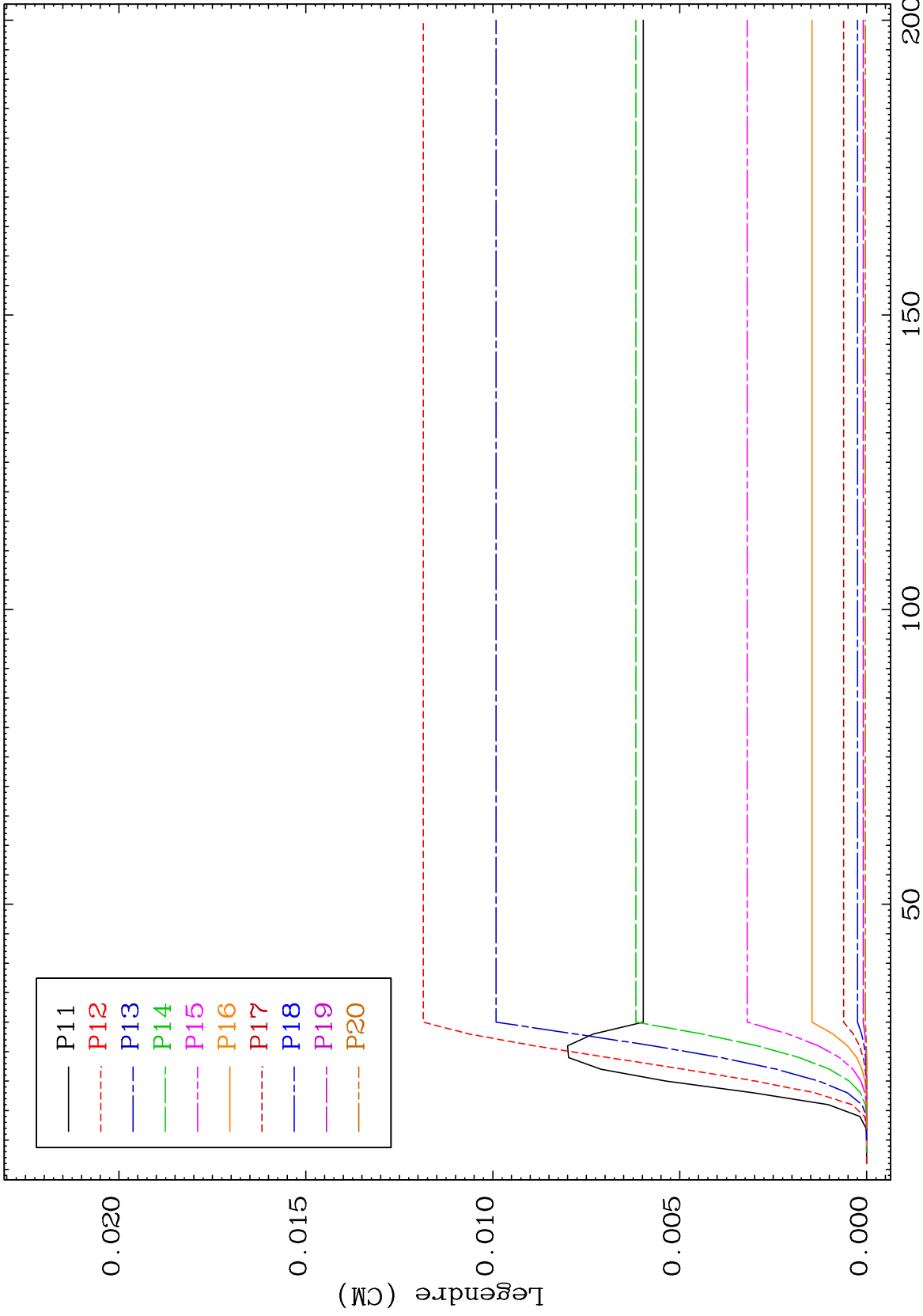
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



28

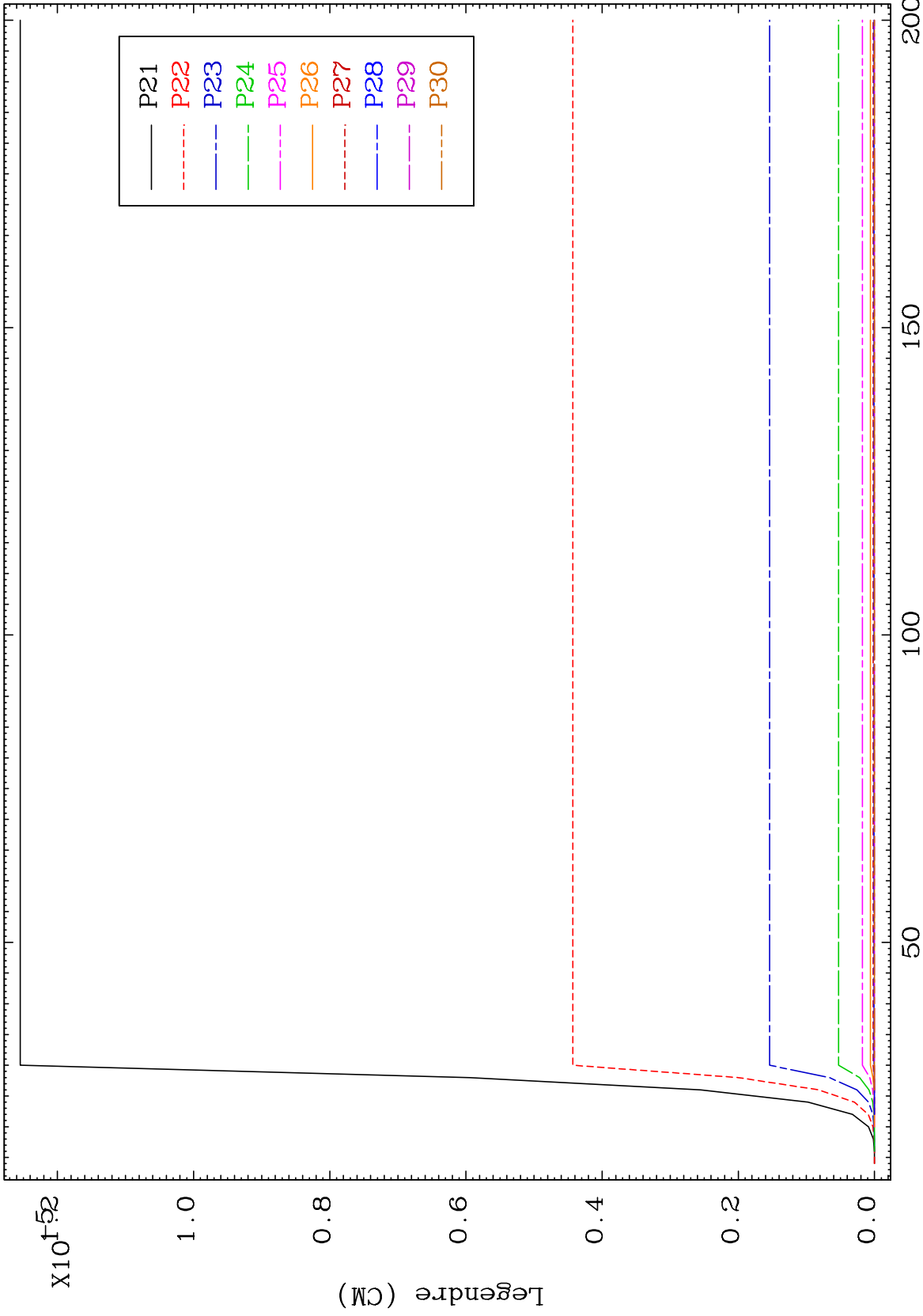
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

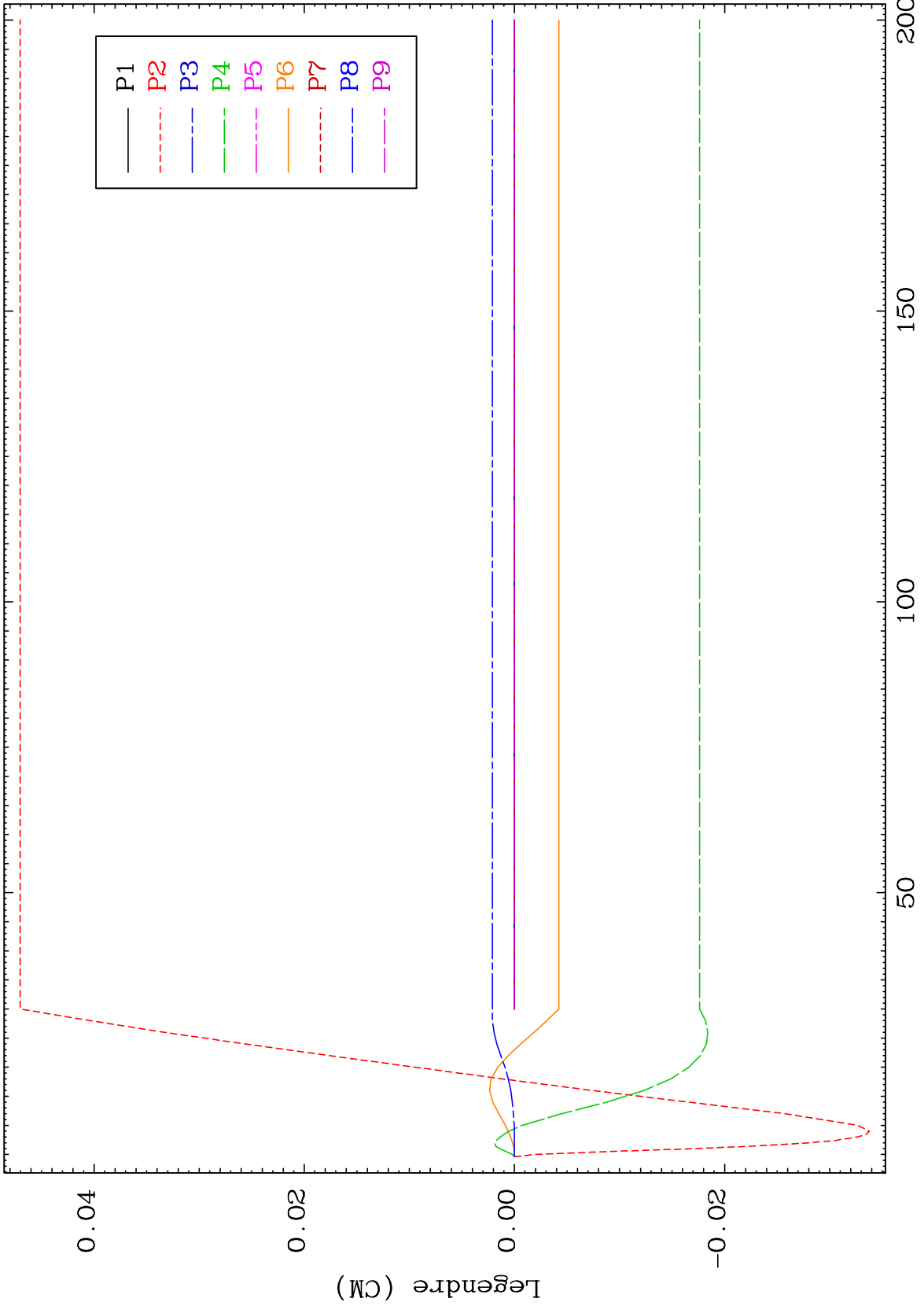
18-Ar-38



29

18-Ar-38

MAT 1831 MT= 55 (n,n') Level Legendre Coefficients 18-Ar-38

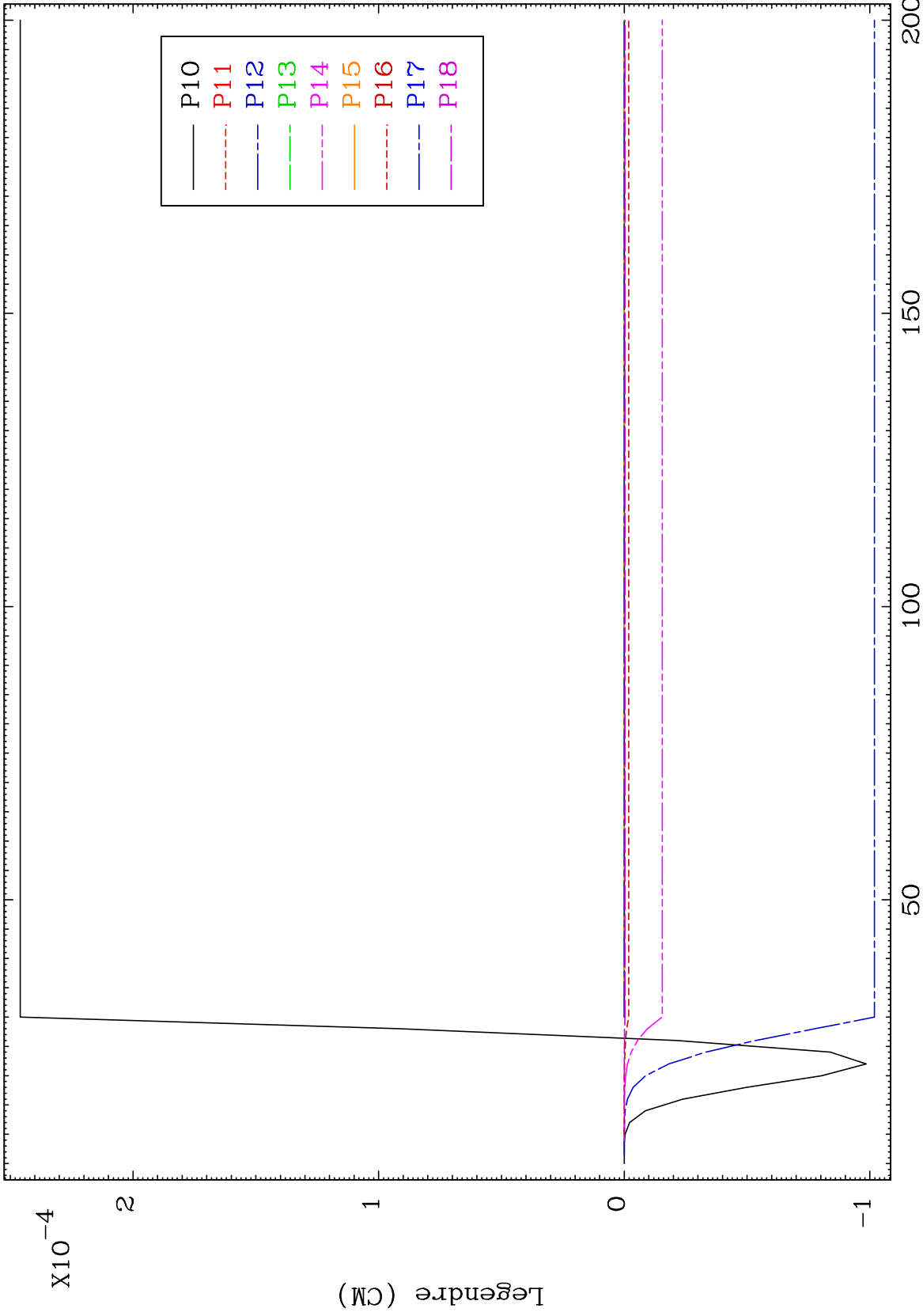


Legendre (CM) Incident Energy (MeV) 18-Ar-38

MAT 1831

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

18-Ar-38

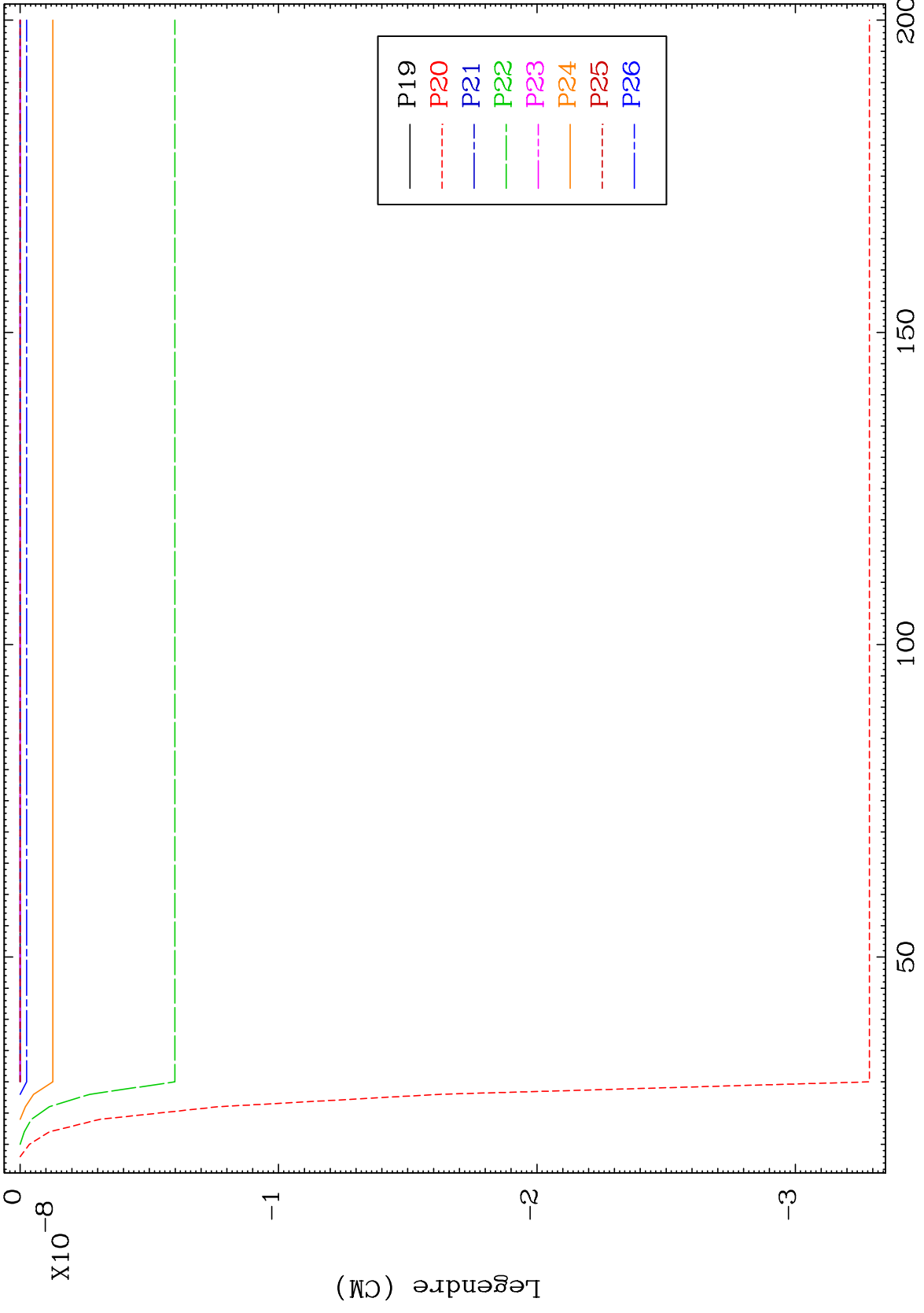


31

Incident Energy (MeV)

18-Ar-38

MAT 1831 MT= 55 (n,n') Level Legendre Coefficients 18-Ar-38

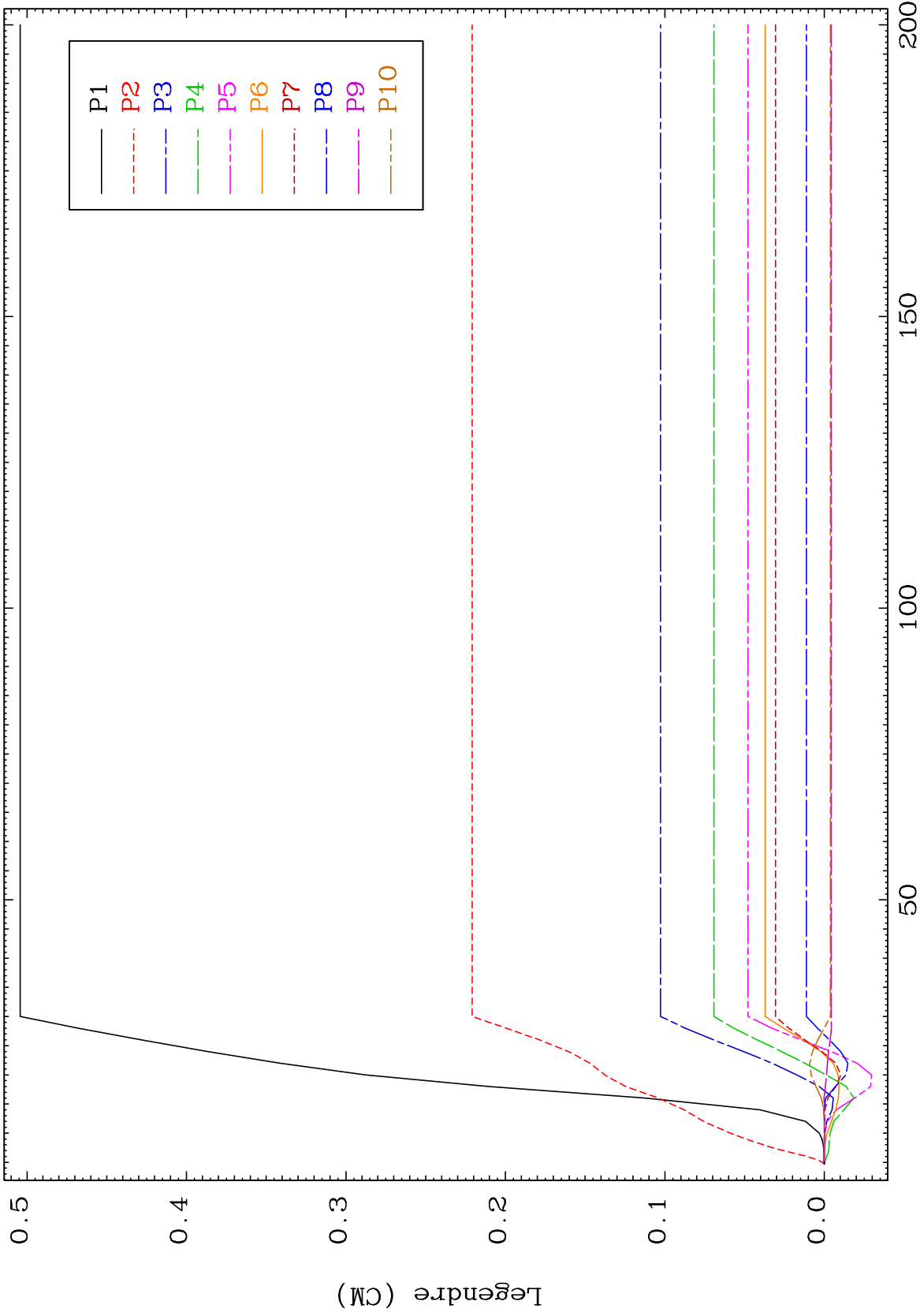


32 50 100 150 200 18-Ar-38

MAT 1831

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

18-Ar-38



33

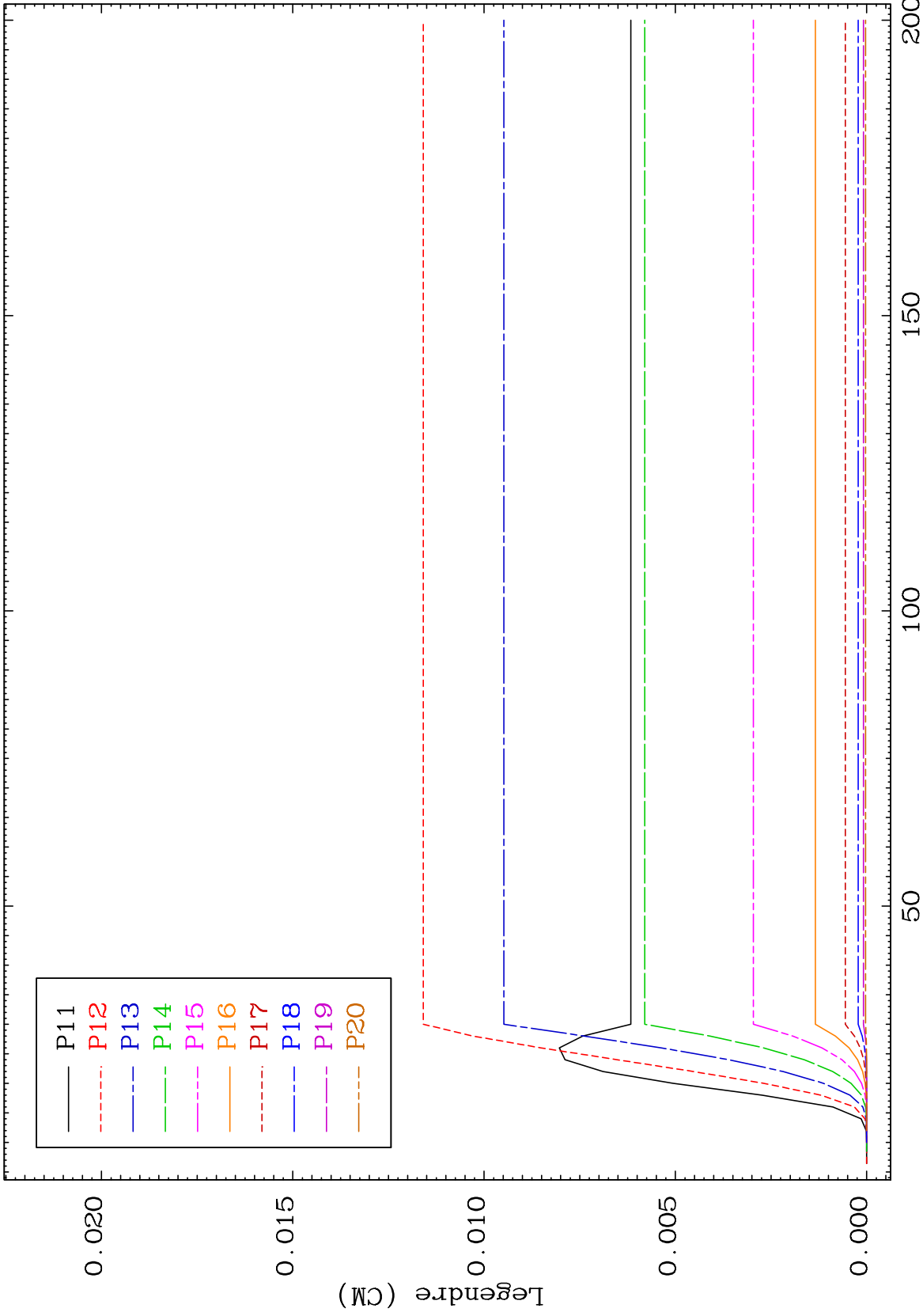
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



34

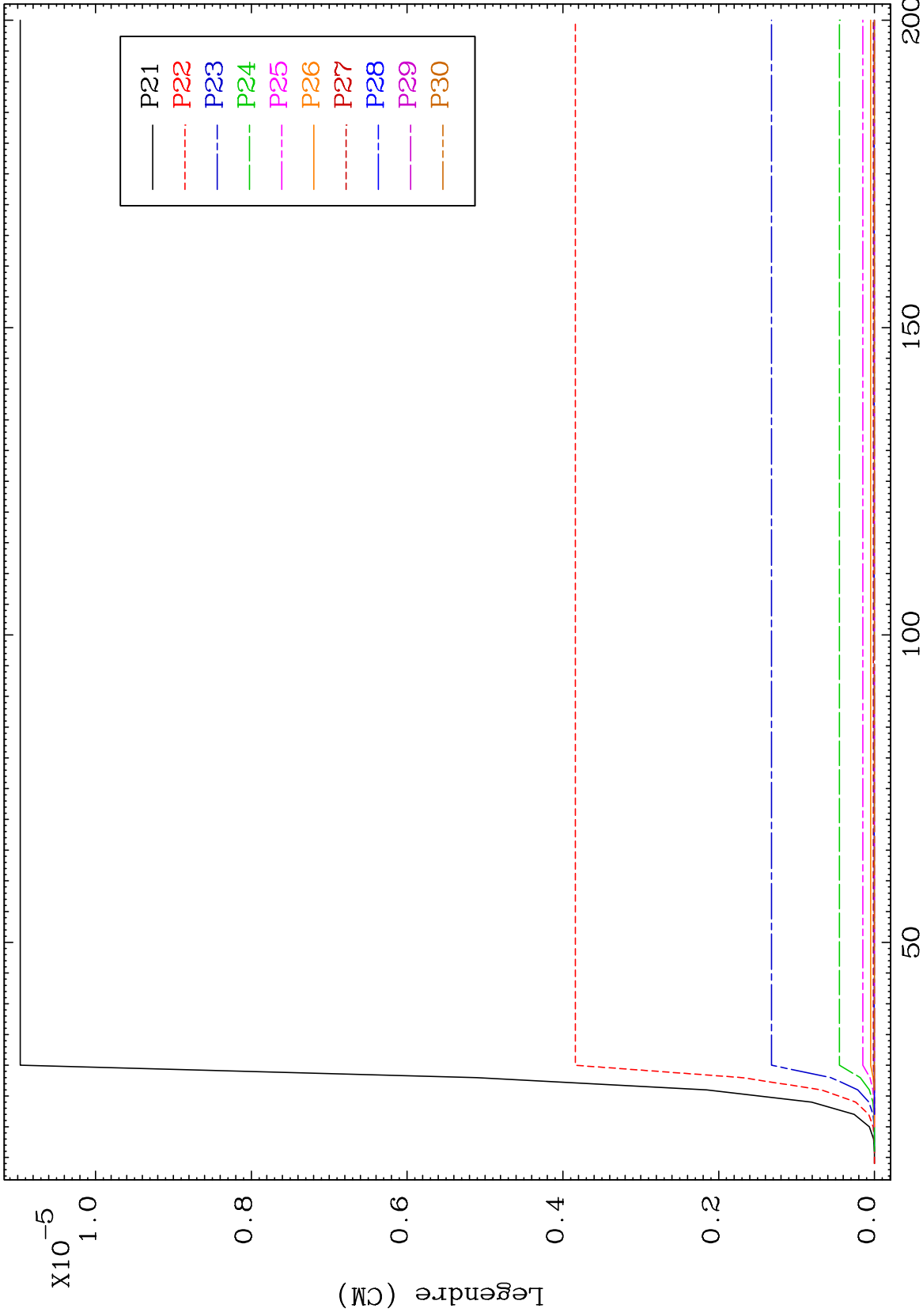
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



35

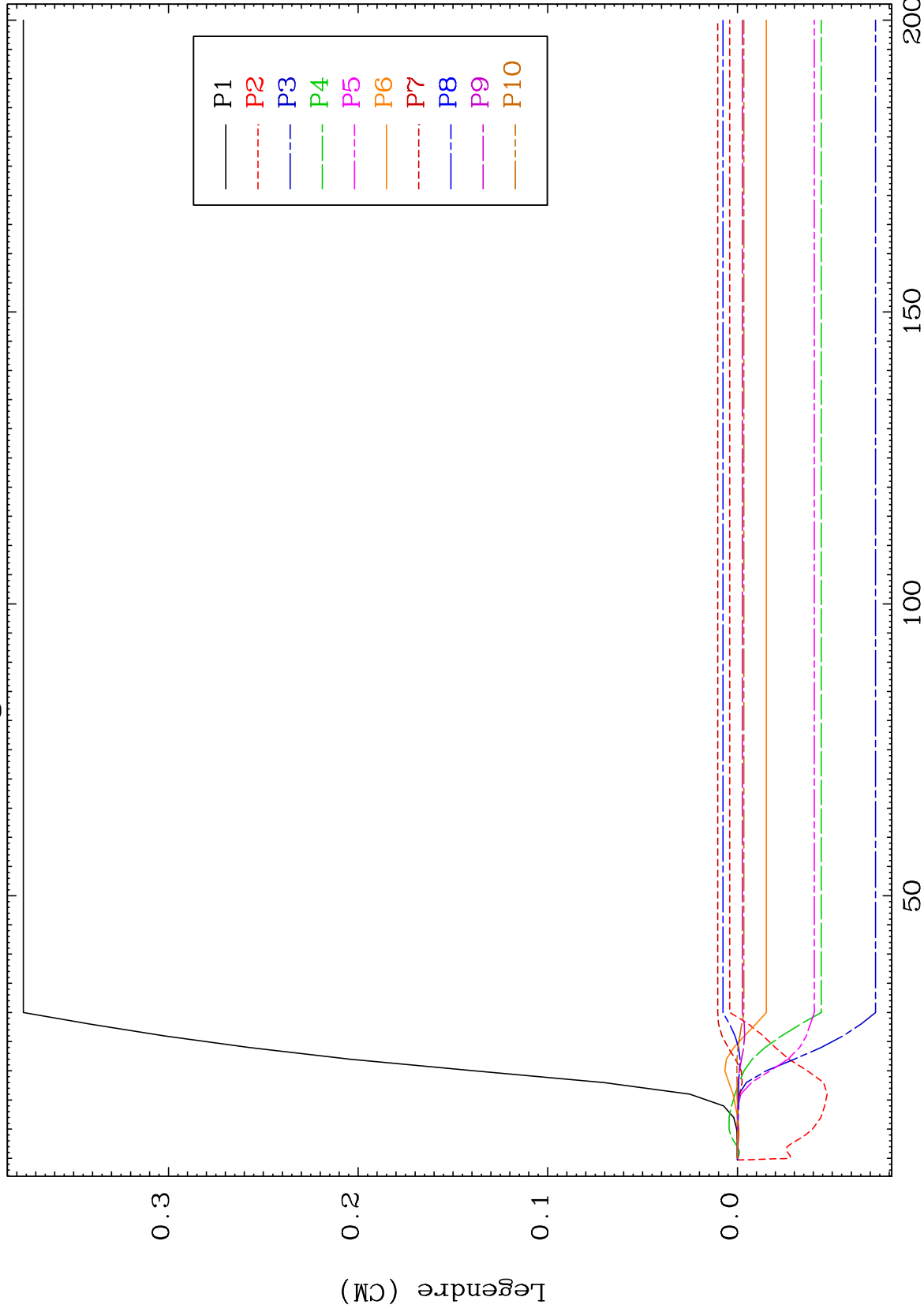
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



36

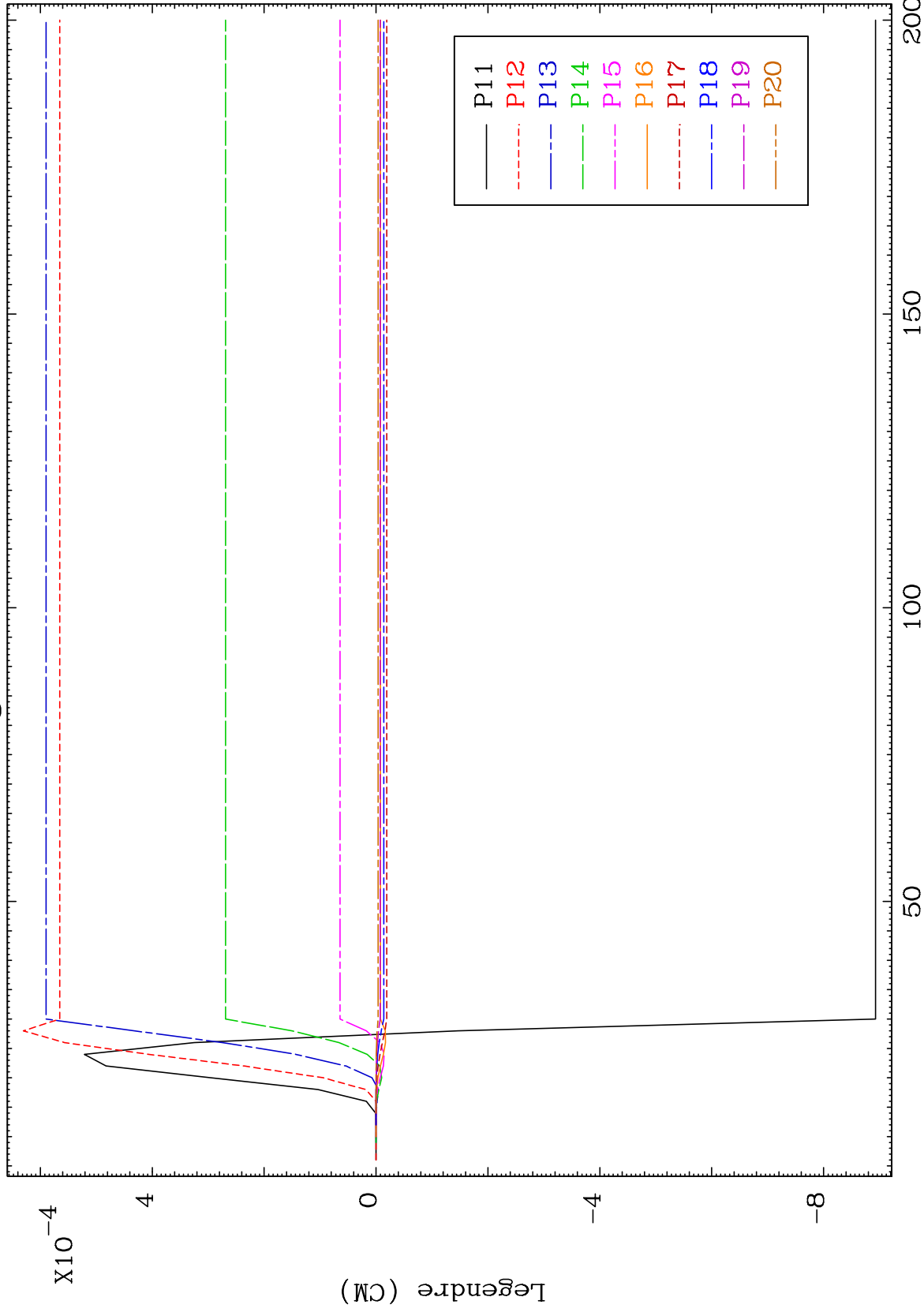
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



37

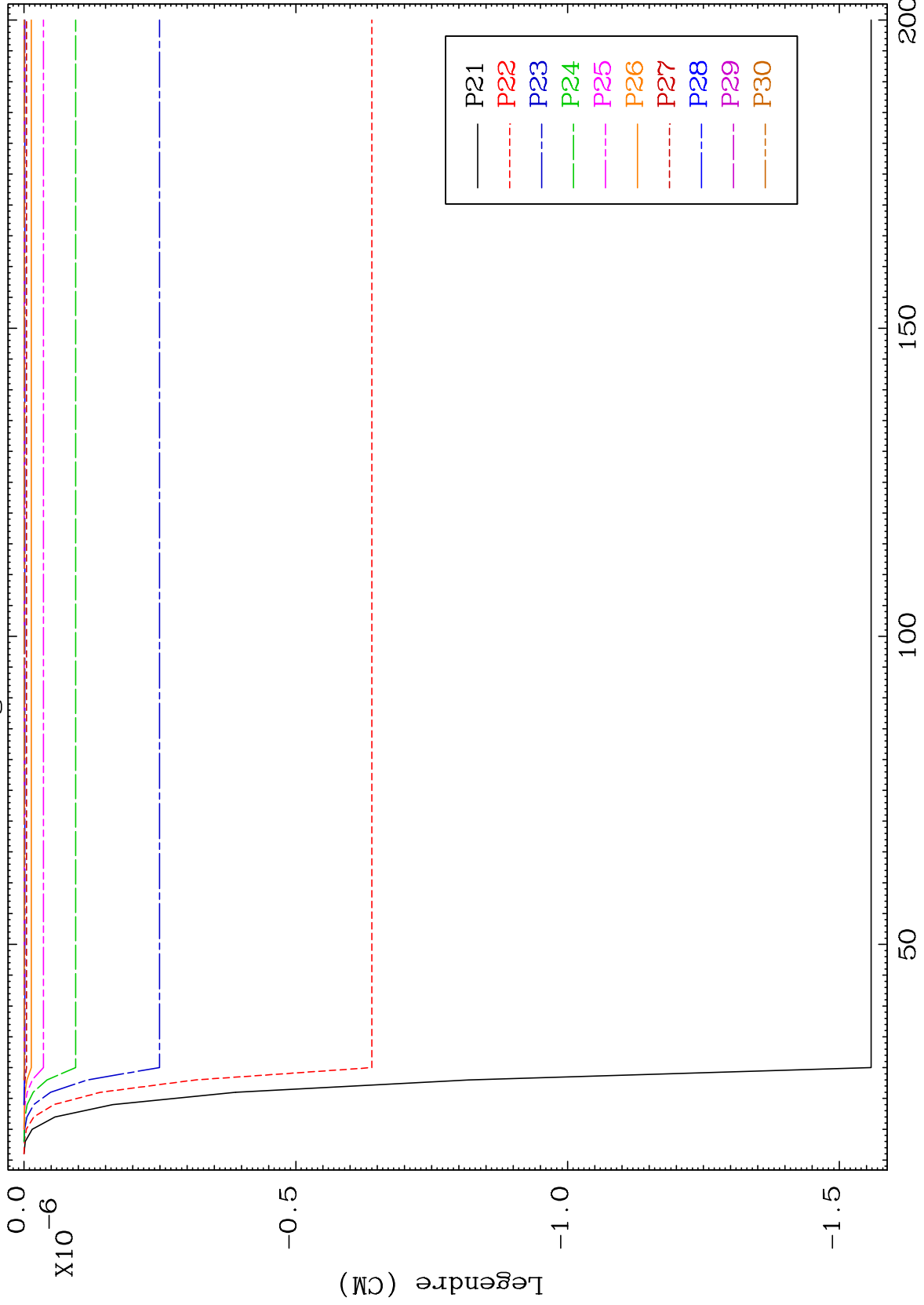
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

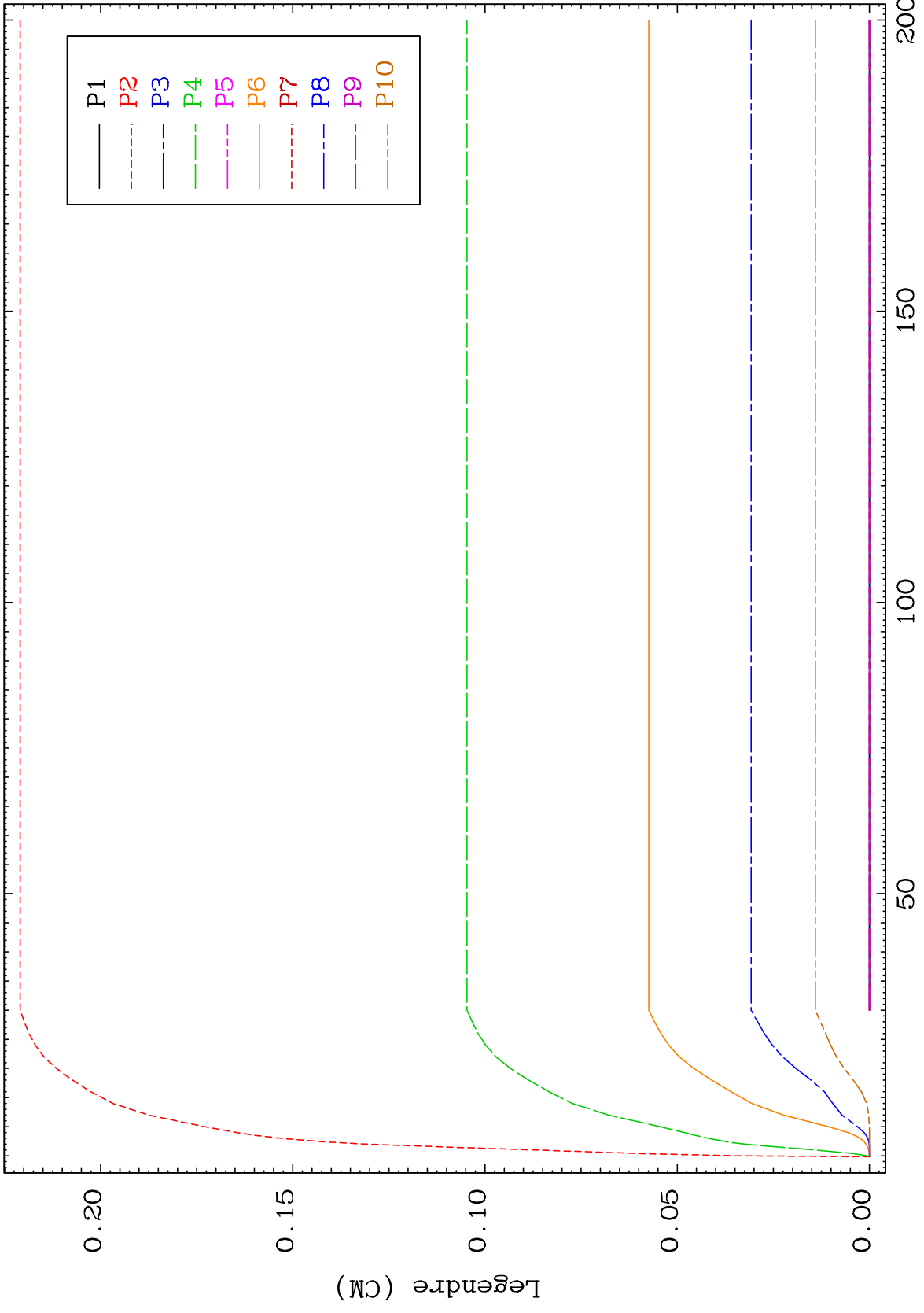
18-Ar-38



38

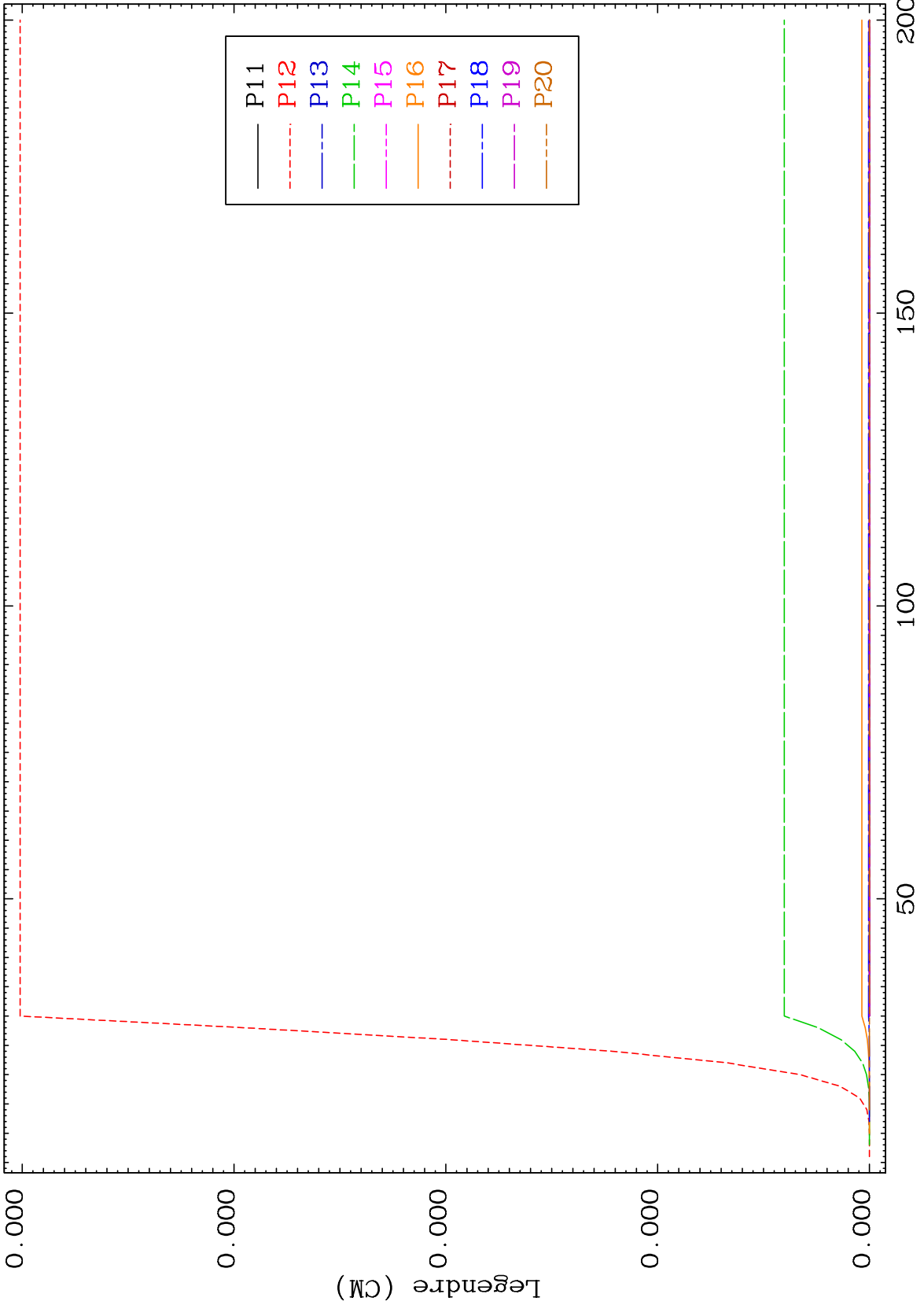
18-Ar-38

MAT 1831 MT= 58 (n,n') Level Legendre Coefficients 18-Ar-38



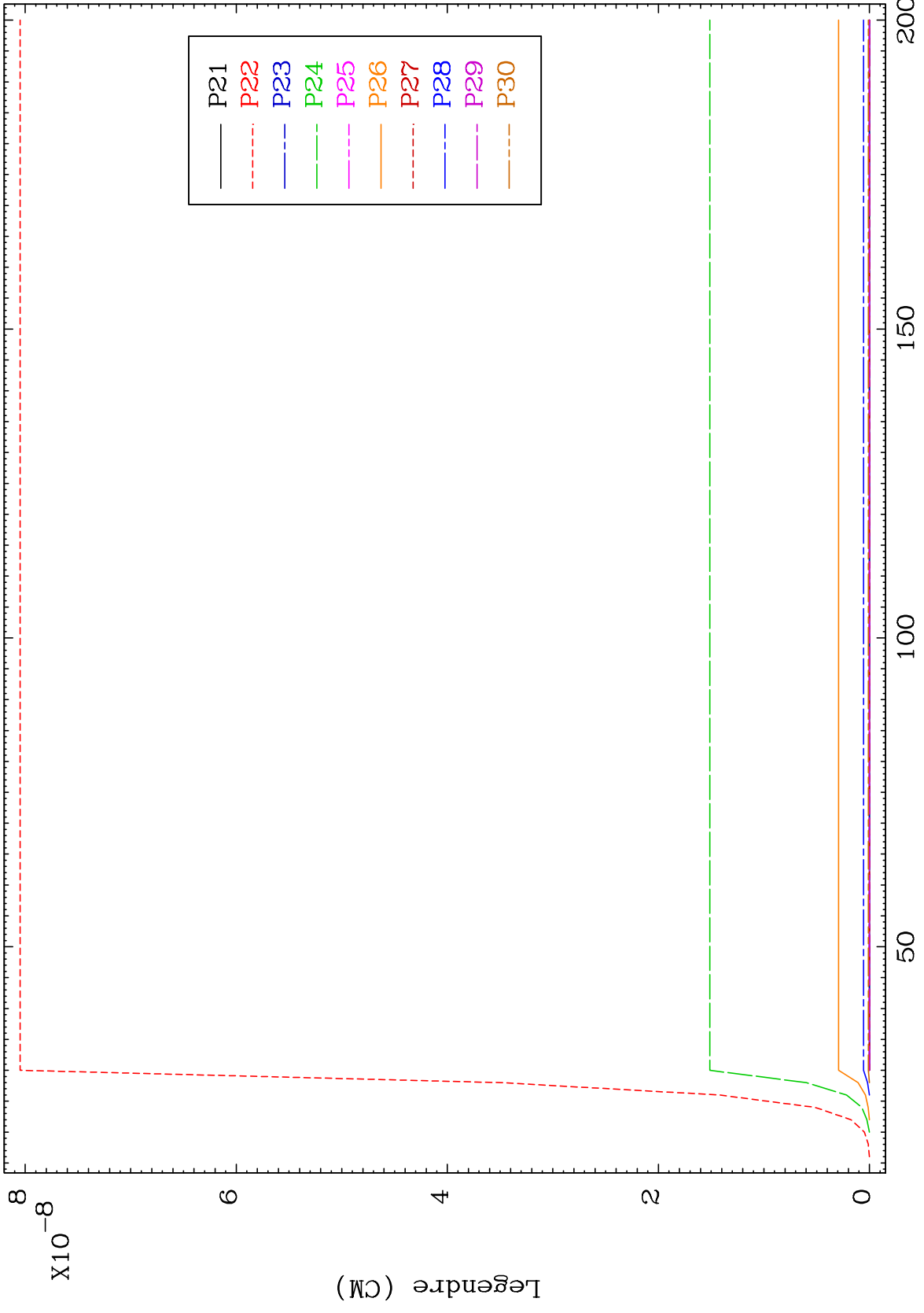
39 50 100 150 200 18-Ar-38

MAT 1831 MT= 58 (n,n') Level Legendre Coefficients 18-Ar-38



40 50 100 150 200 18-Ar-38

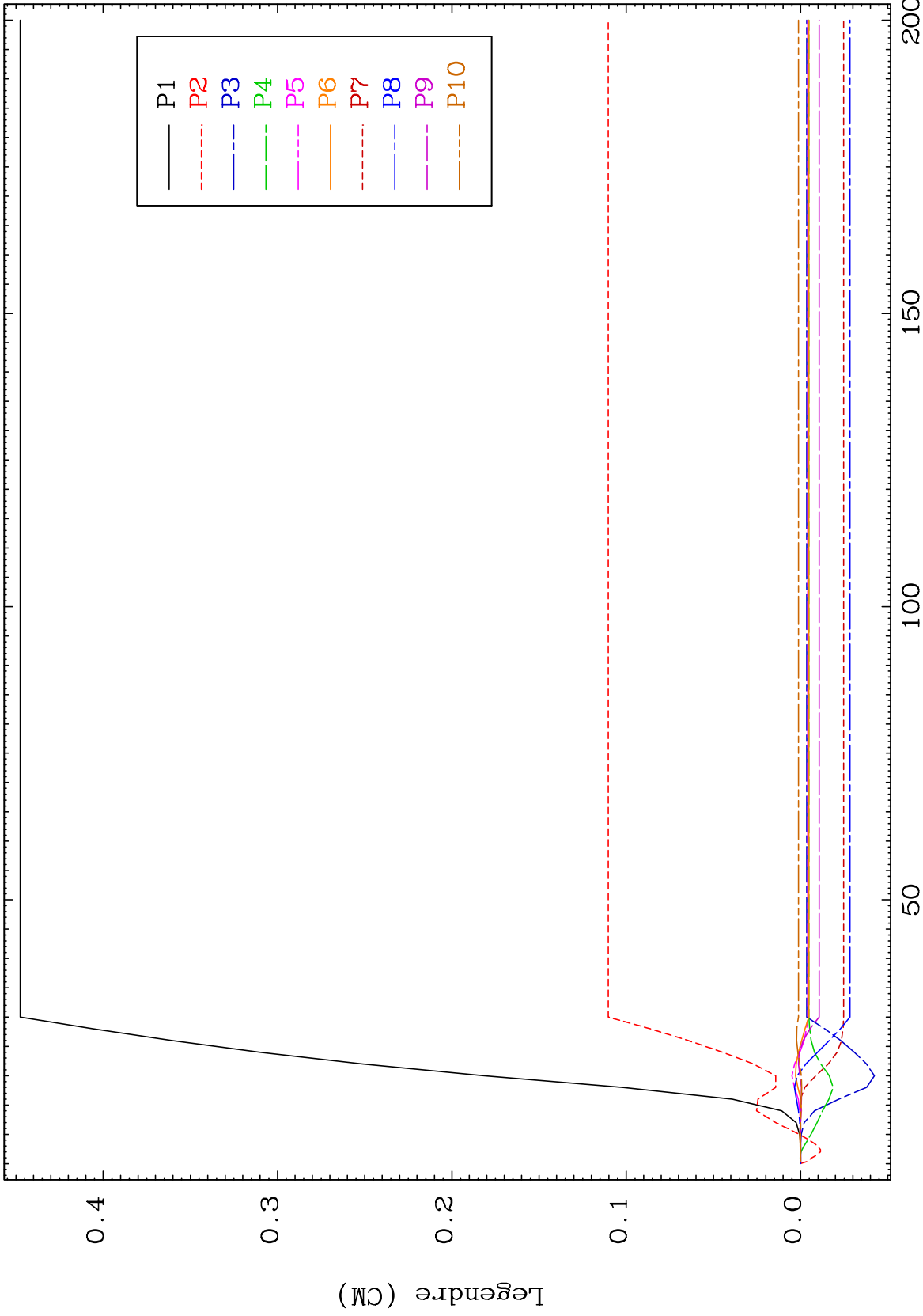
MAT 1831 MT= 58 (n,n') Level Legendre Coefficients 18-Ar-38



MAT 1831

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

18-Ar-38



42

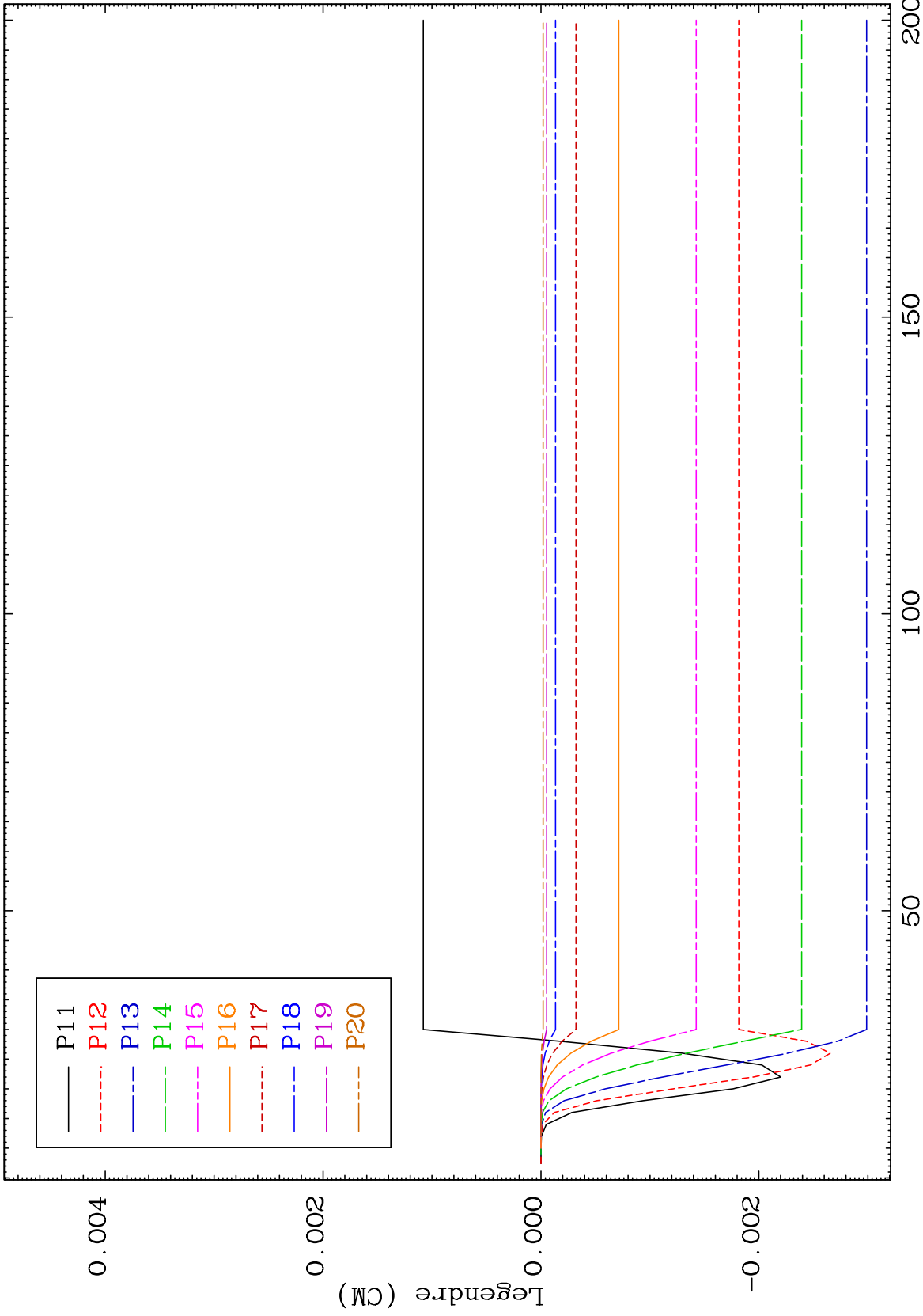
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38

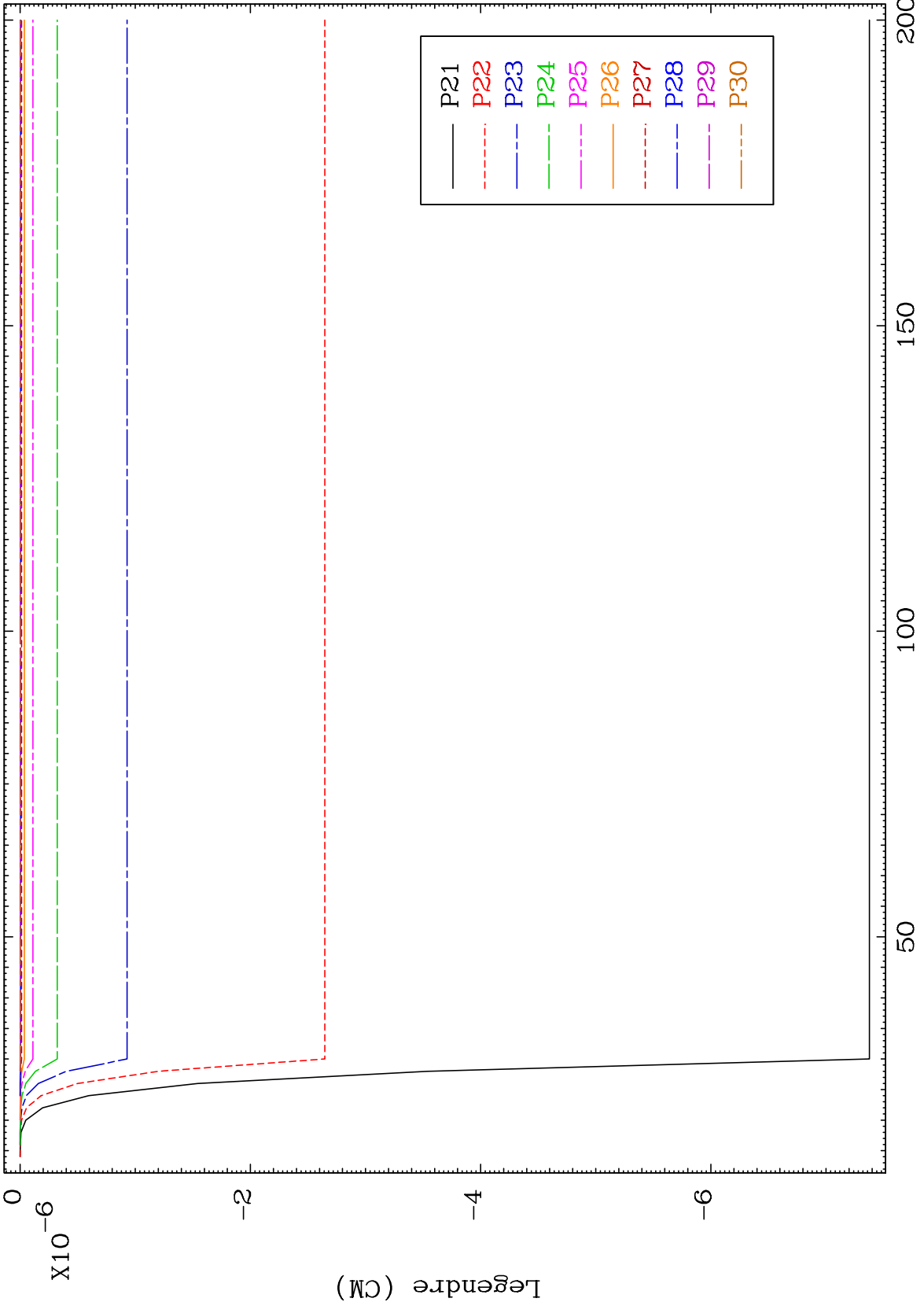


43

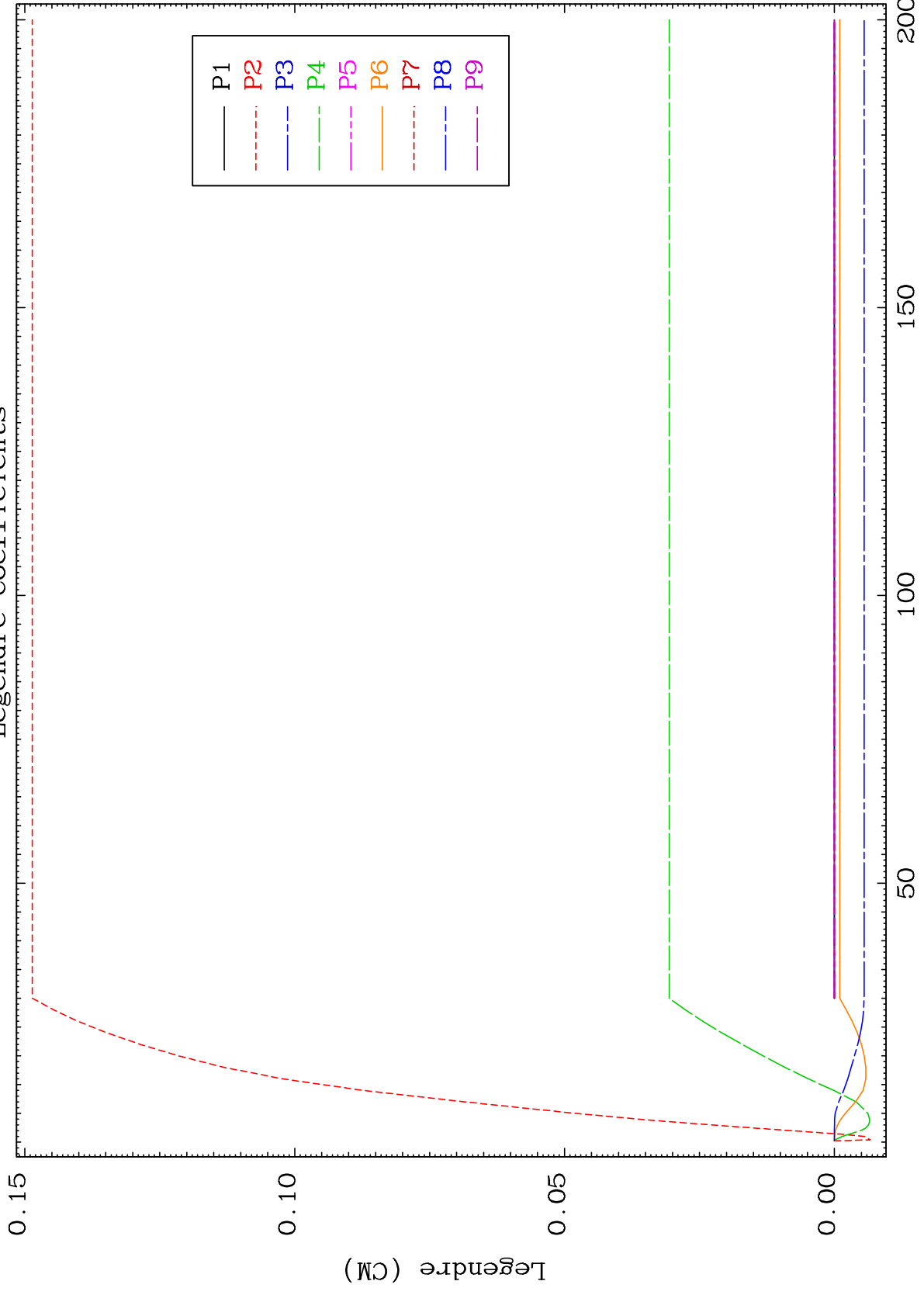
Incident Energy (MeV)

18-Ar-38

MAT 1831 MT= 59 (n,n') Level Legendre Coefficients 18-Ar-38



MAT 1831 MT= 60 (n,n') Level Legendre Coefficients 18-Ar-38

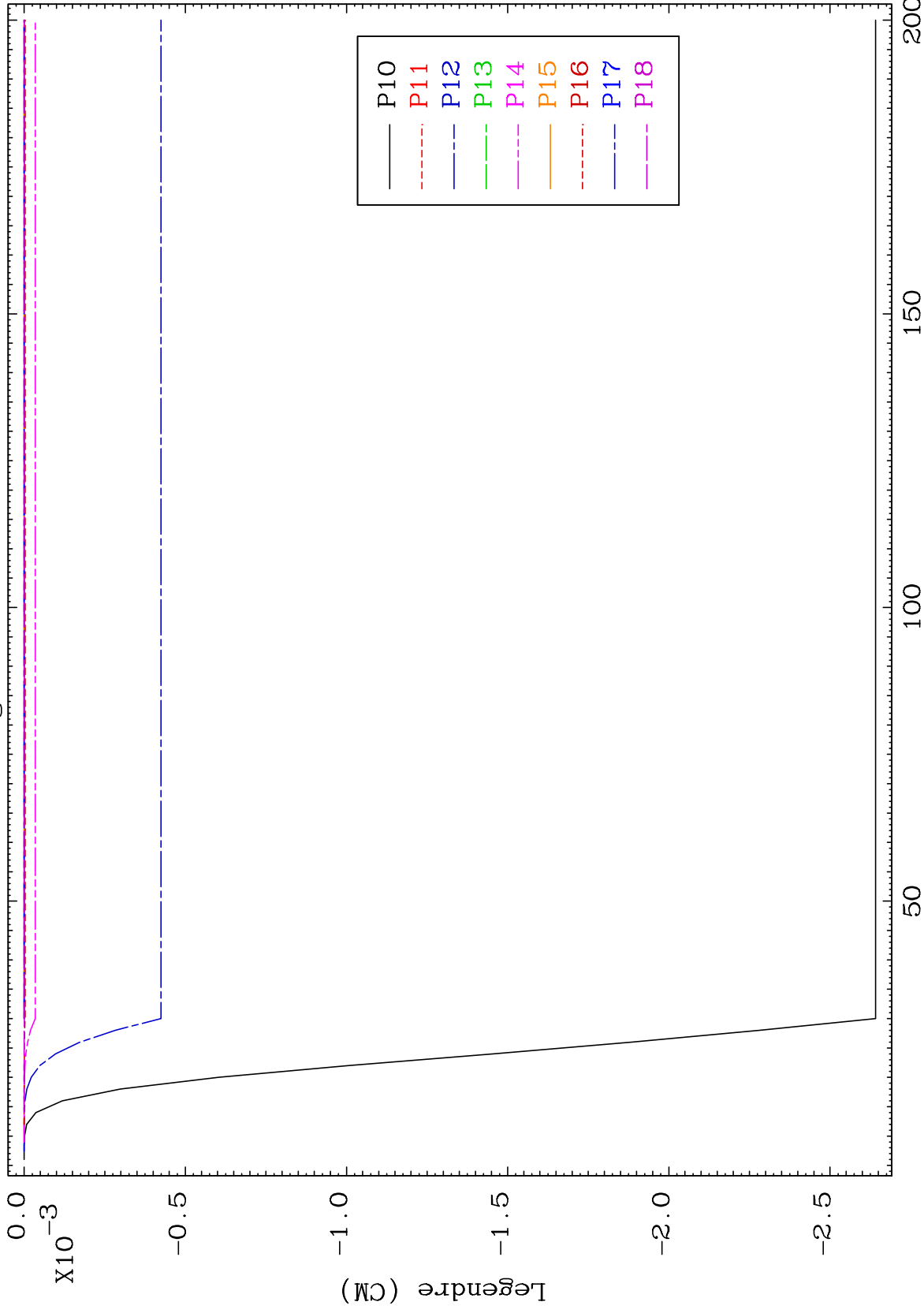


45 Incident Energy (MeV) 18-Ar-38

MAT 1831

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

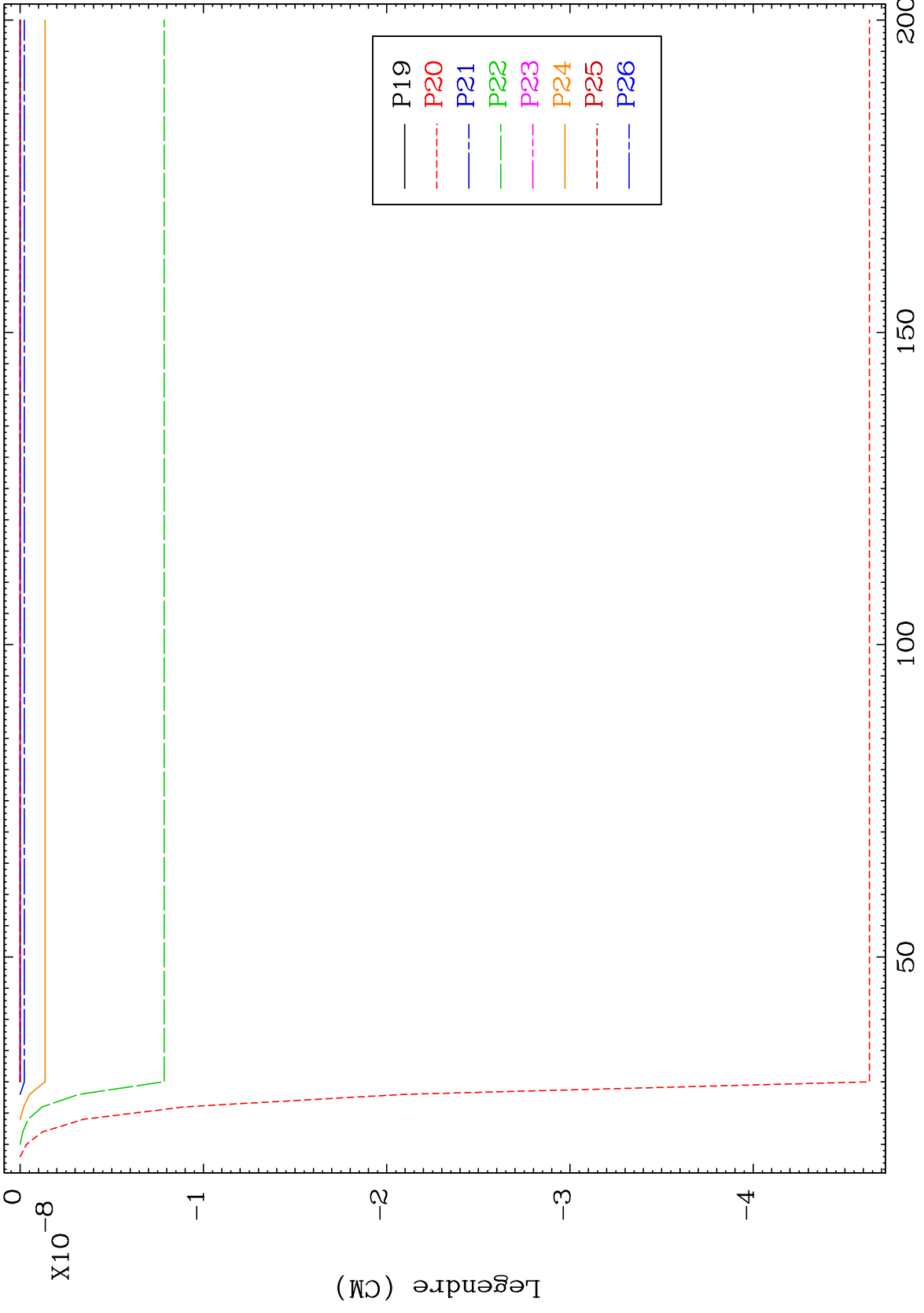
18-Ar-38



46

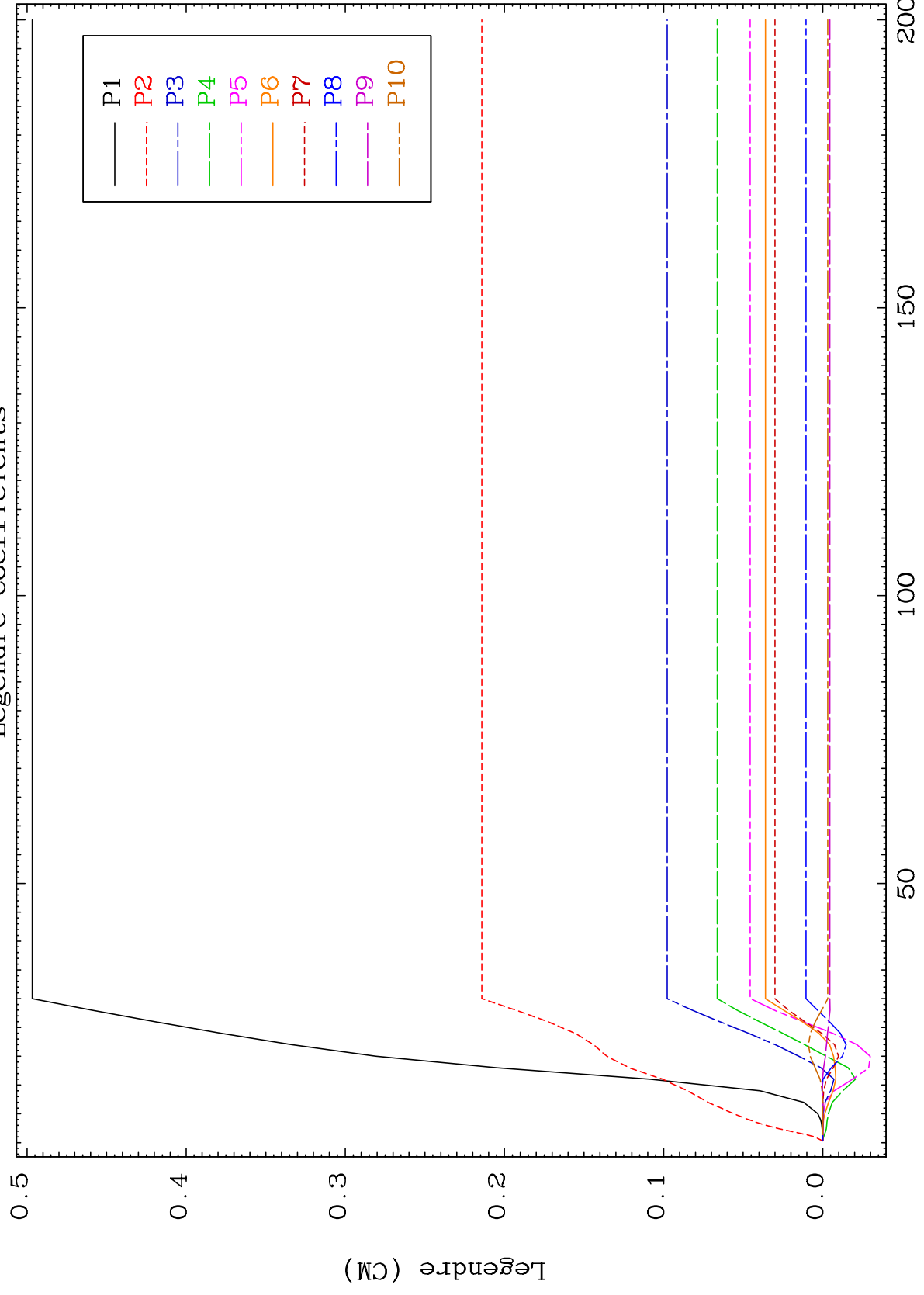
18-Ar-38

MAT 1831 MT= 60 (n,n') Level Legendre Coefficients 18-Ar-38



47 Incident Energy (MeV) 18-Ar-38

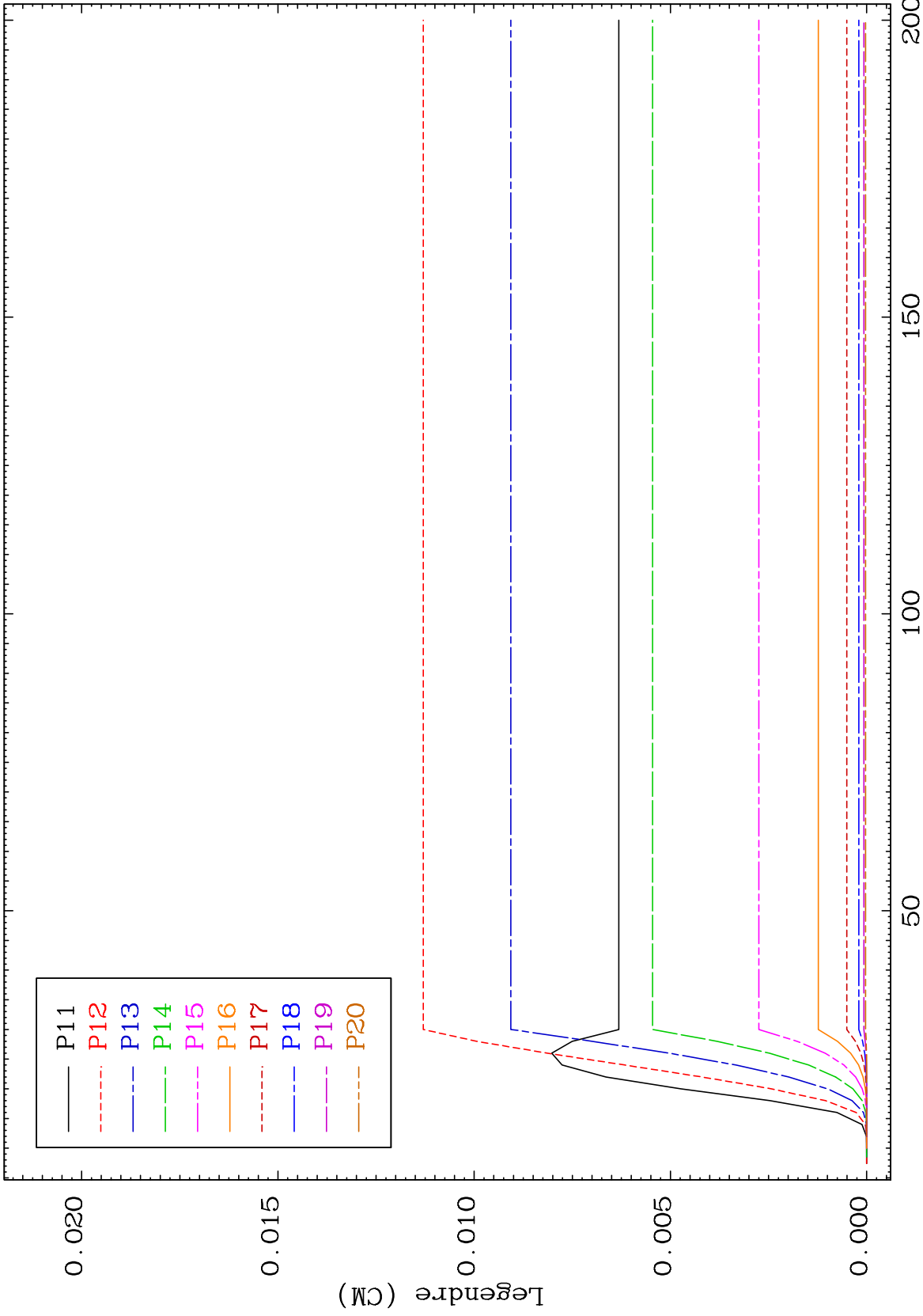
MAT 1831 MT= 61 (n,n') Level Legendre Coefficients 18-Ar-38



MAT 1831

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

18-Ar-38



49

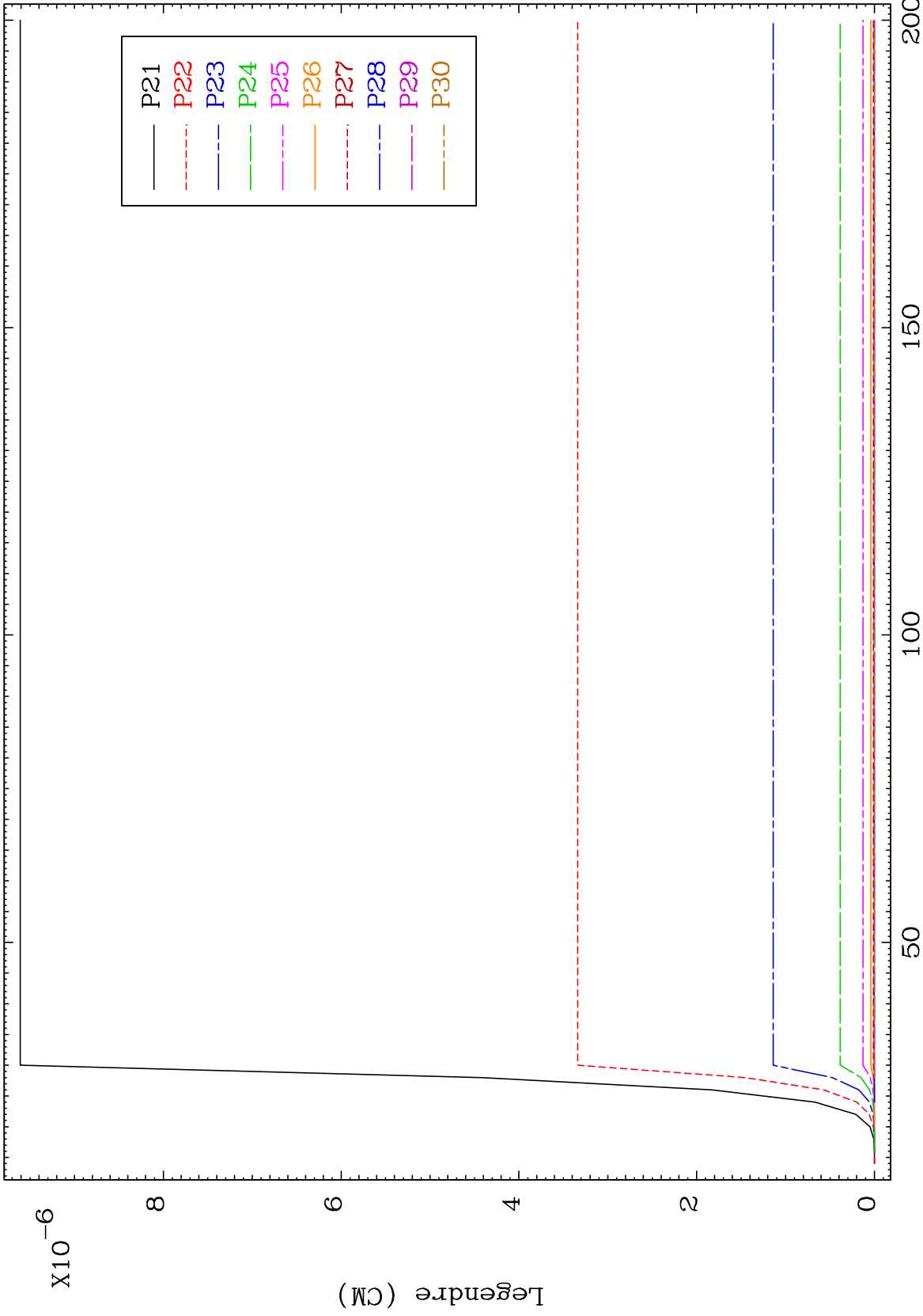
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



50

50

100

Incident Energy (MeV)

150

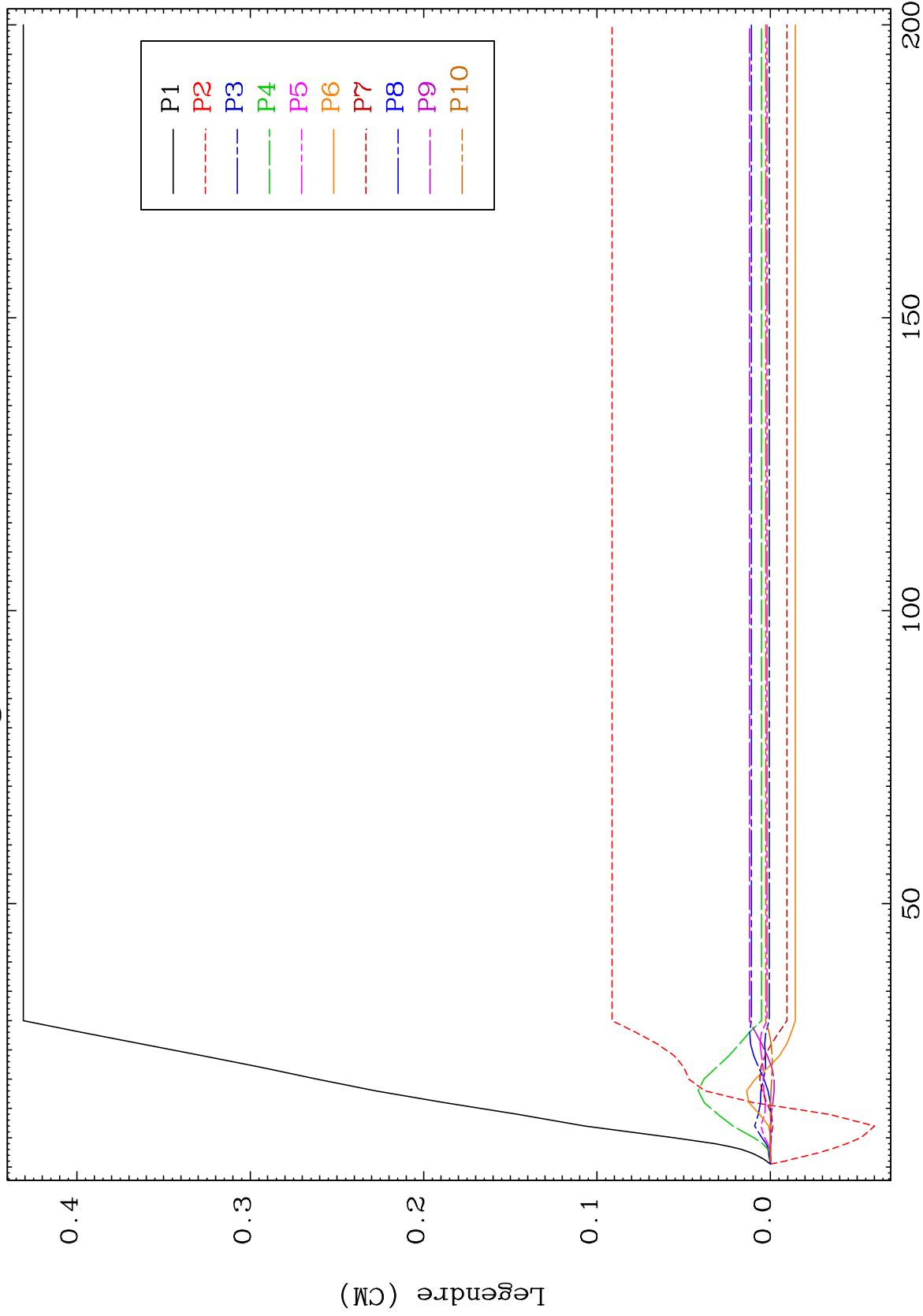
200

18-Ar-38

MAT 1831

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

18-Ar-38



51

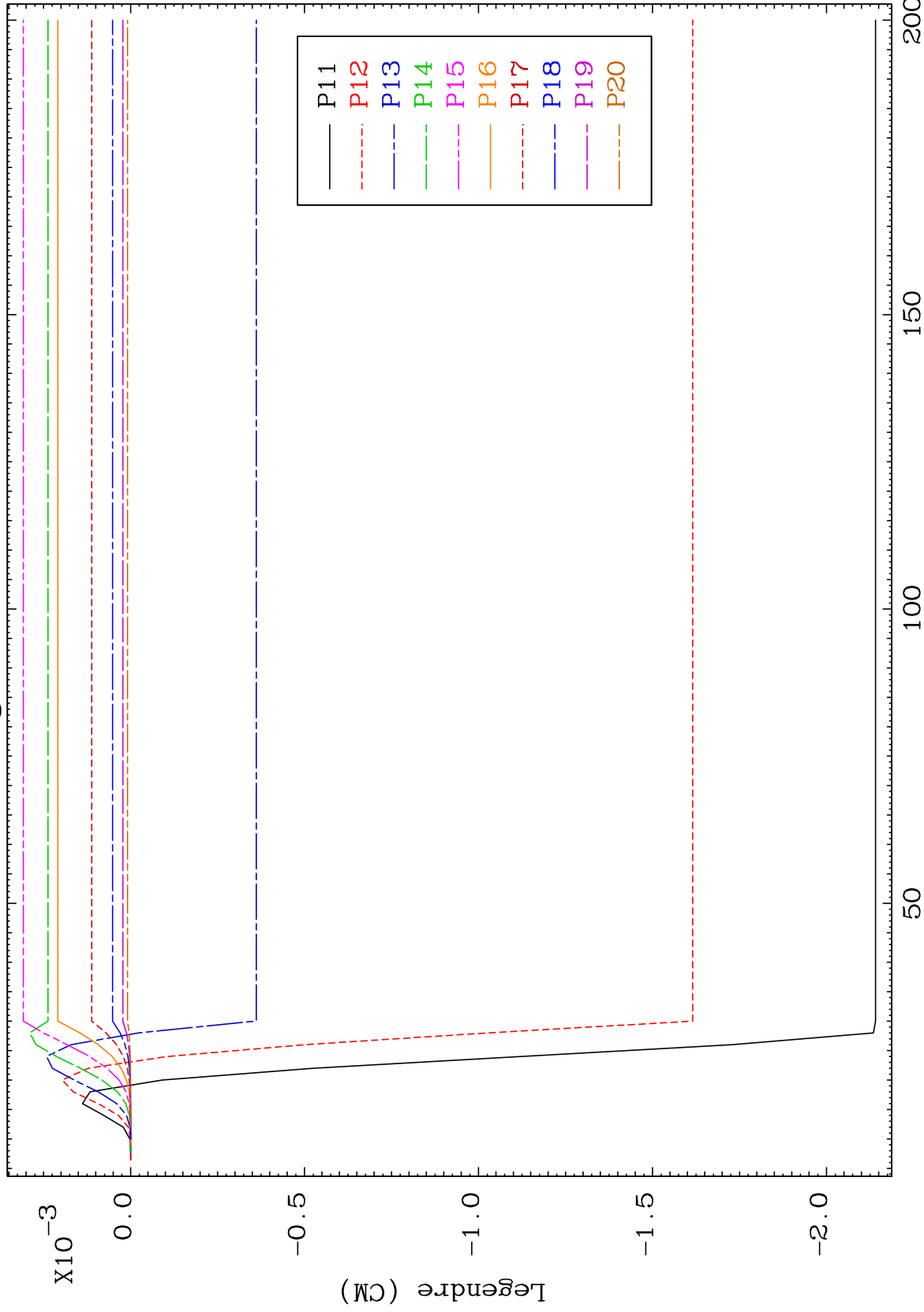
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



52

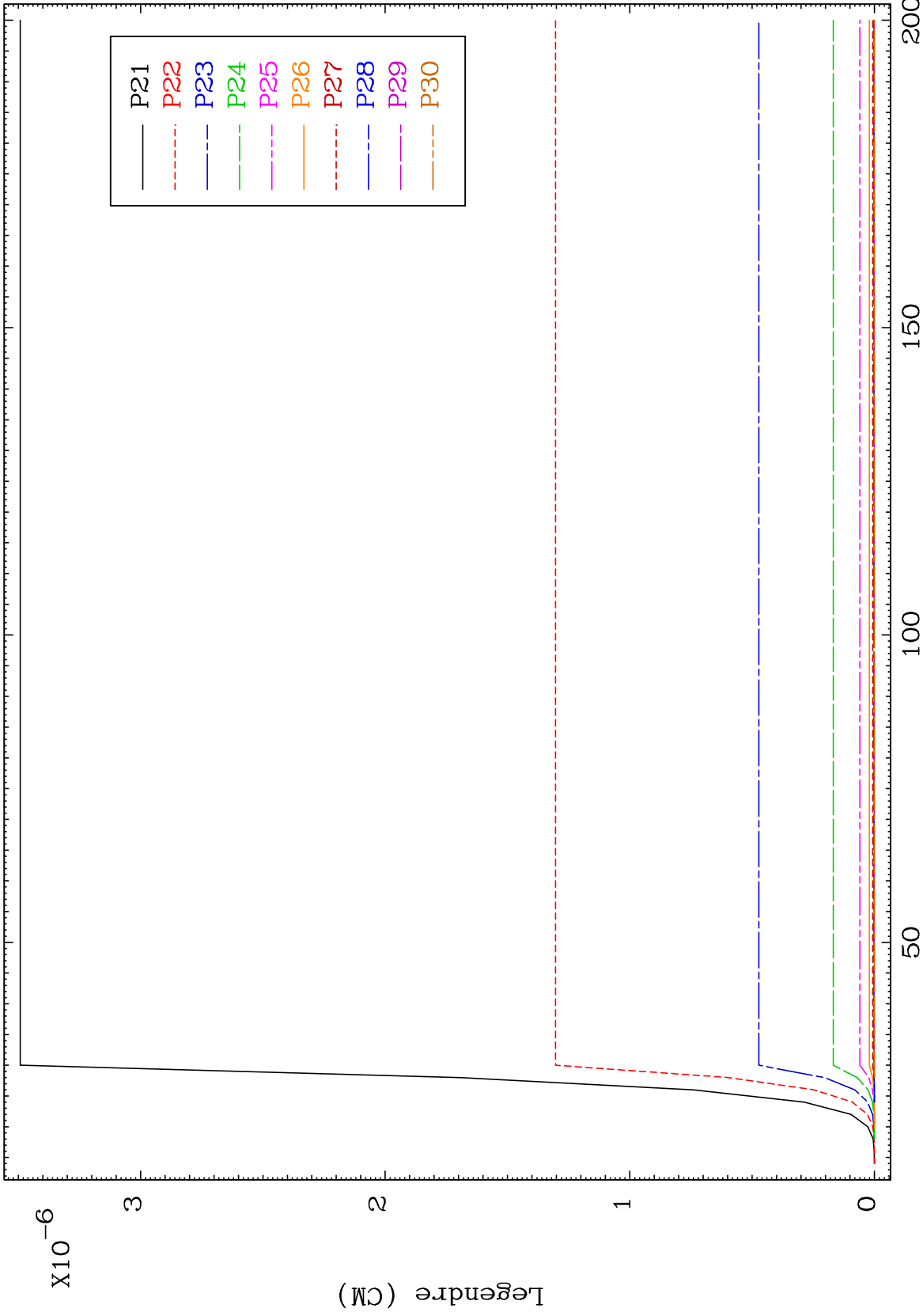
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



53

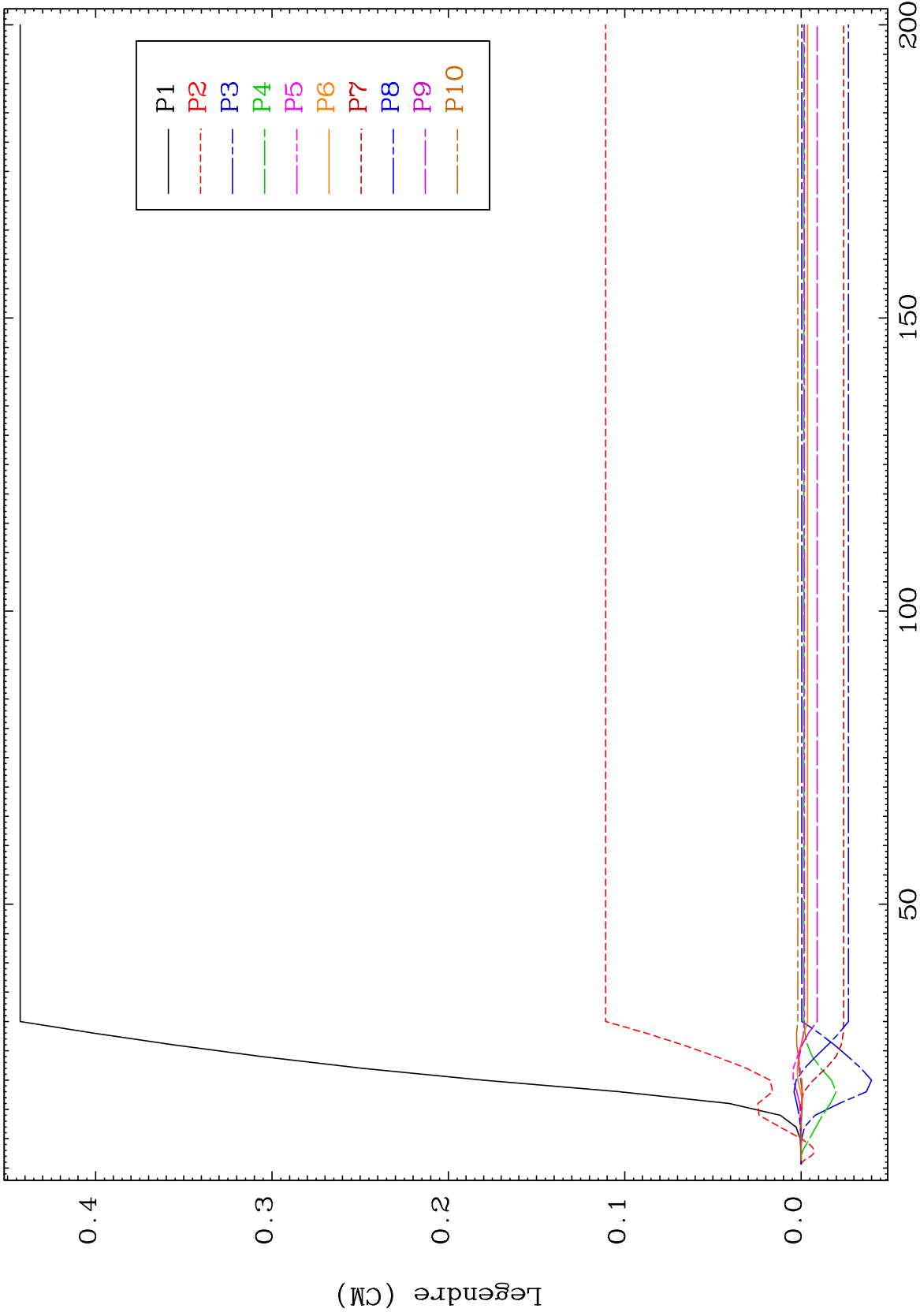
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



54

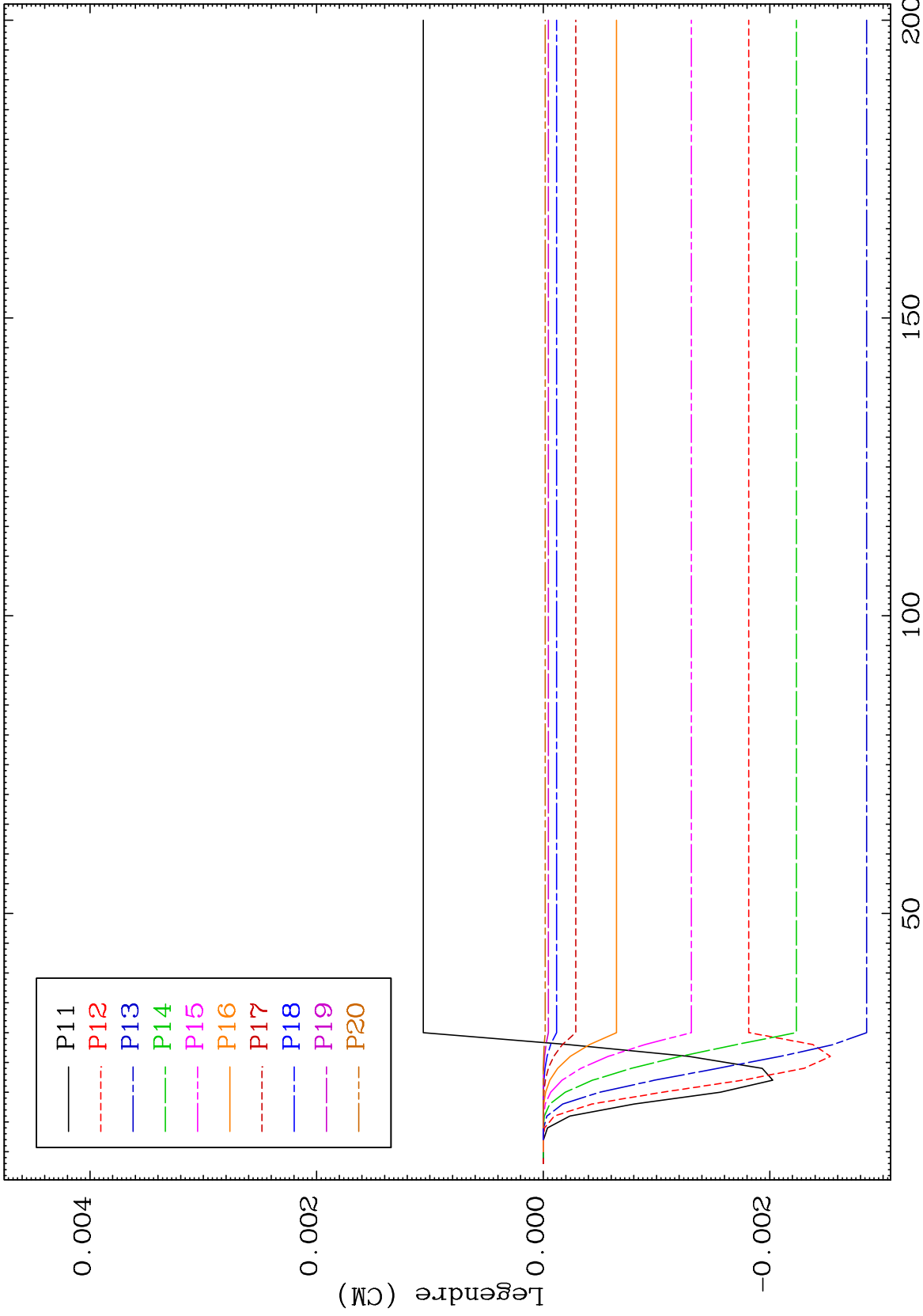
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38

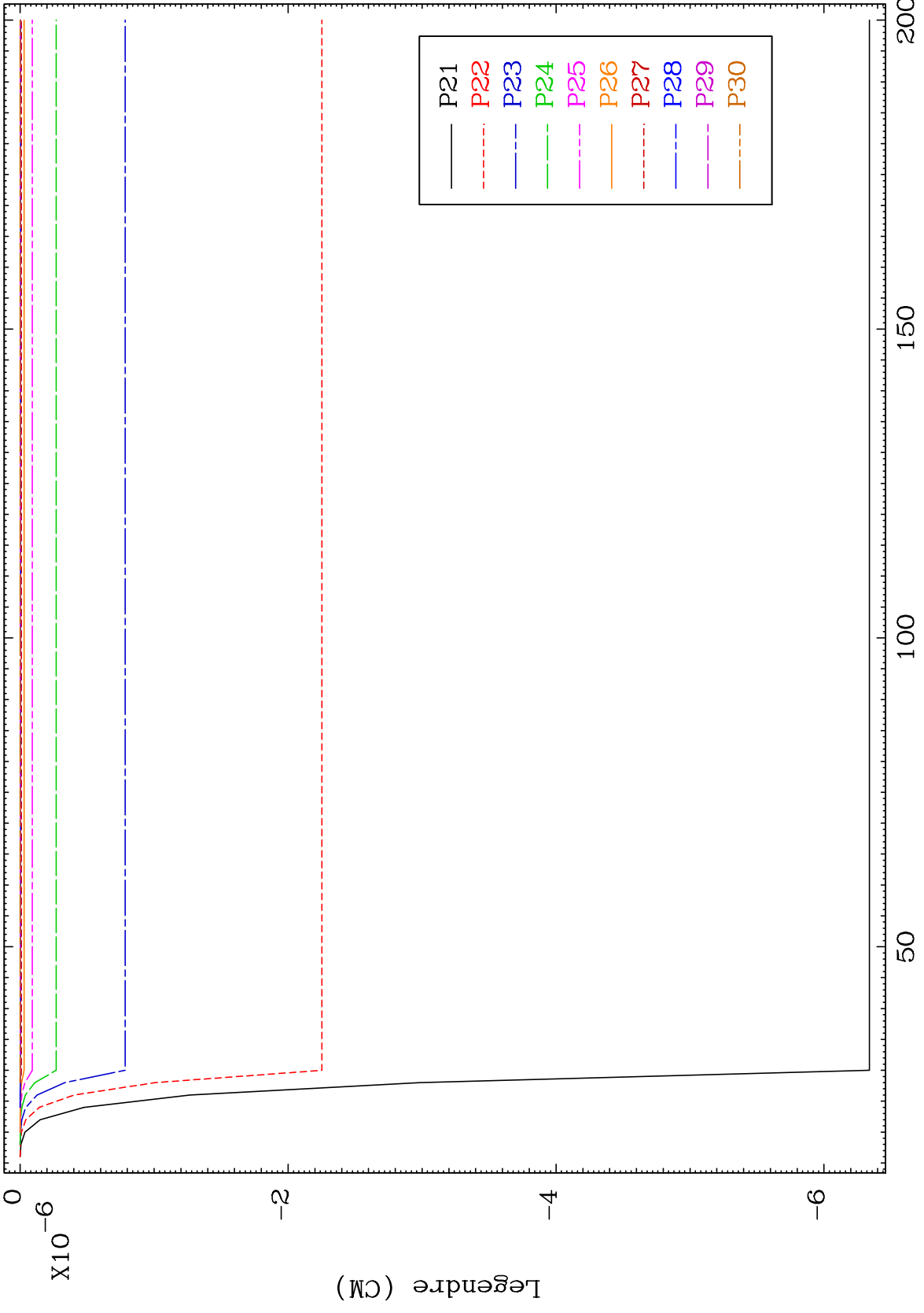


55

Incident Energy (MeV)

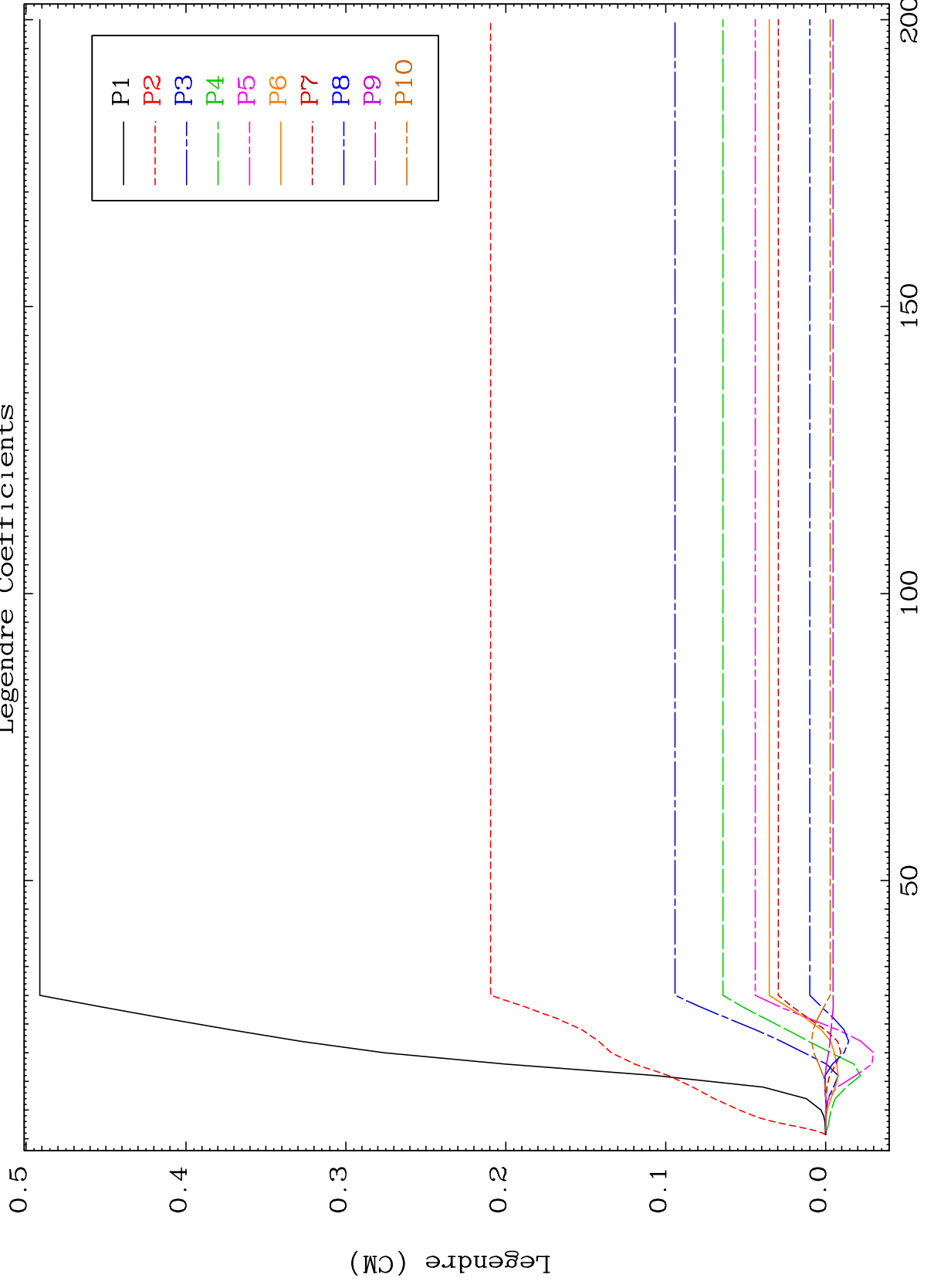
18-Ar-38

MAT 1831 MT= 63 (n,n') Level Legendre Coefficients 18-Ar-38



56 Incident Energy (MeV) 18-Ar-38

MAT 1831 MT= 64 (n,n') Level Legendre Coefficients 18-Ar-38

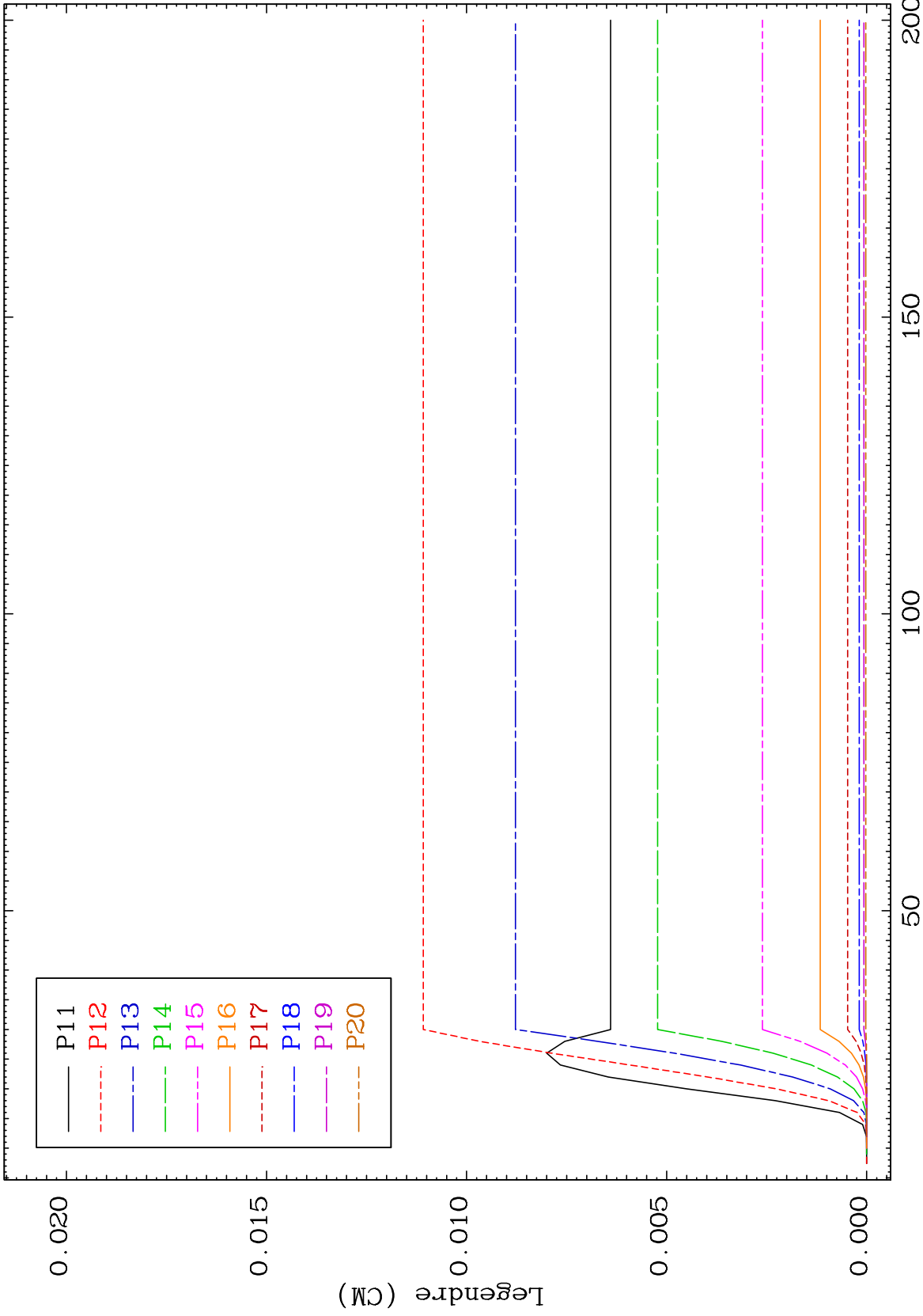


57 Incident Energy (MeV) 18-Ar-38

MAT 1831

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

18-Ar-38



58

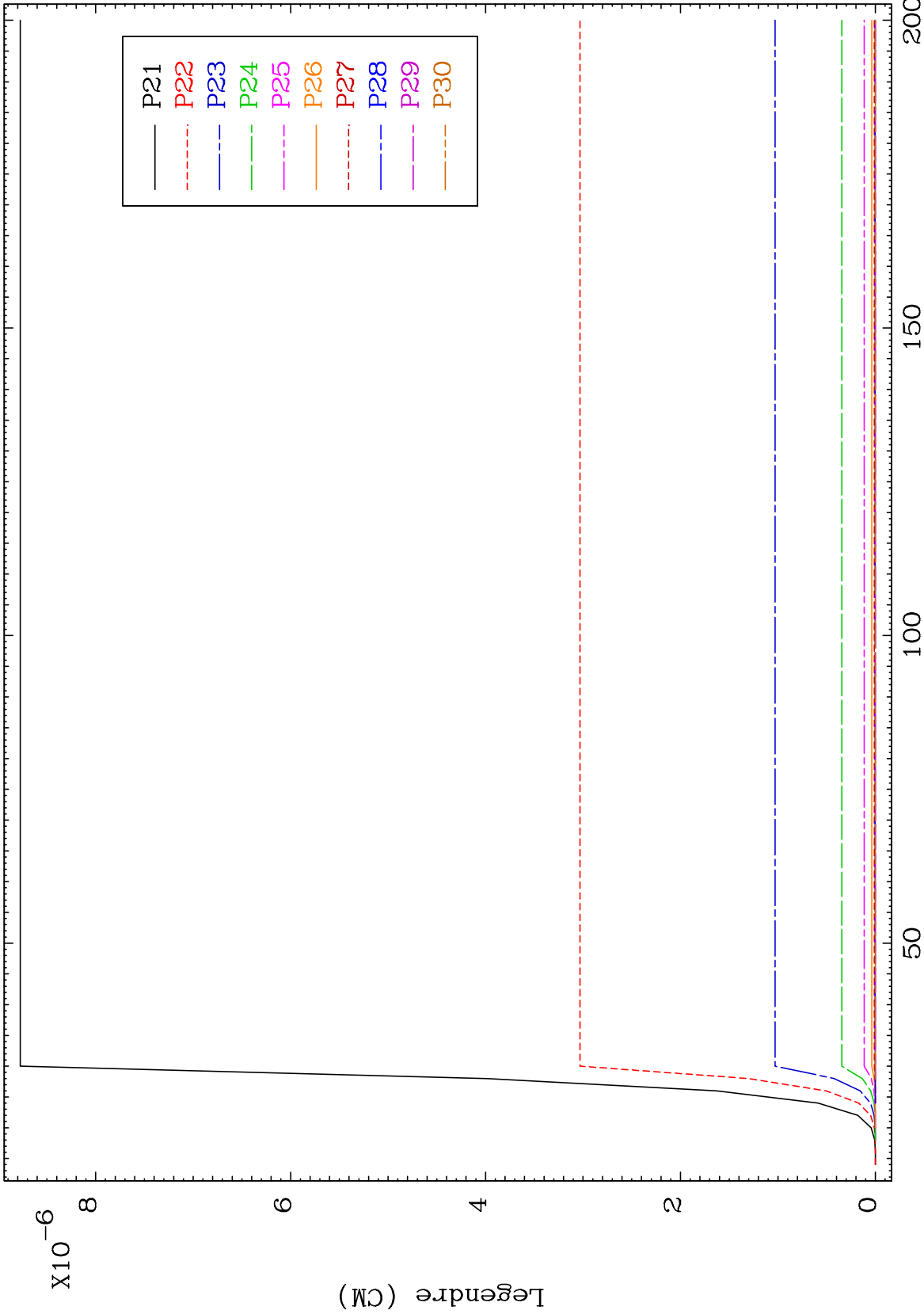
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38

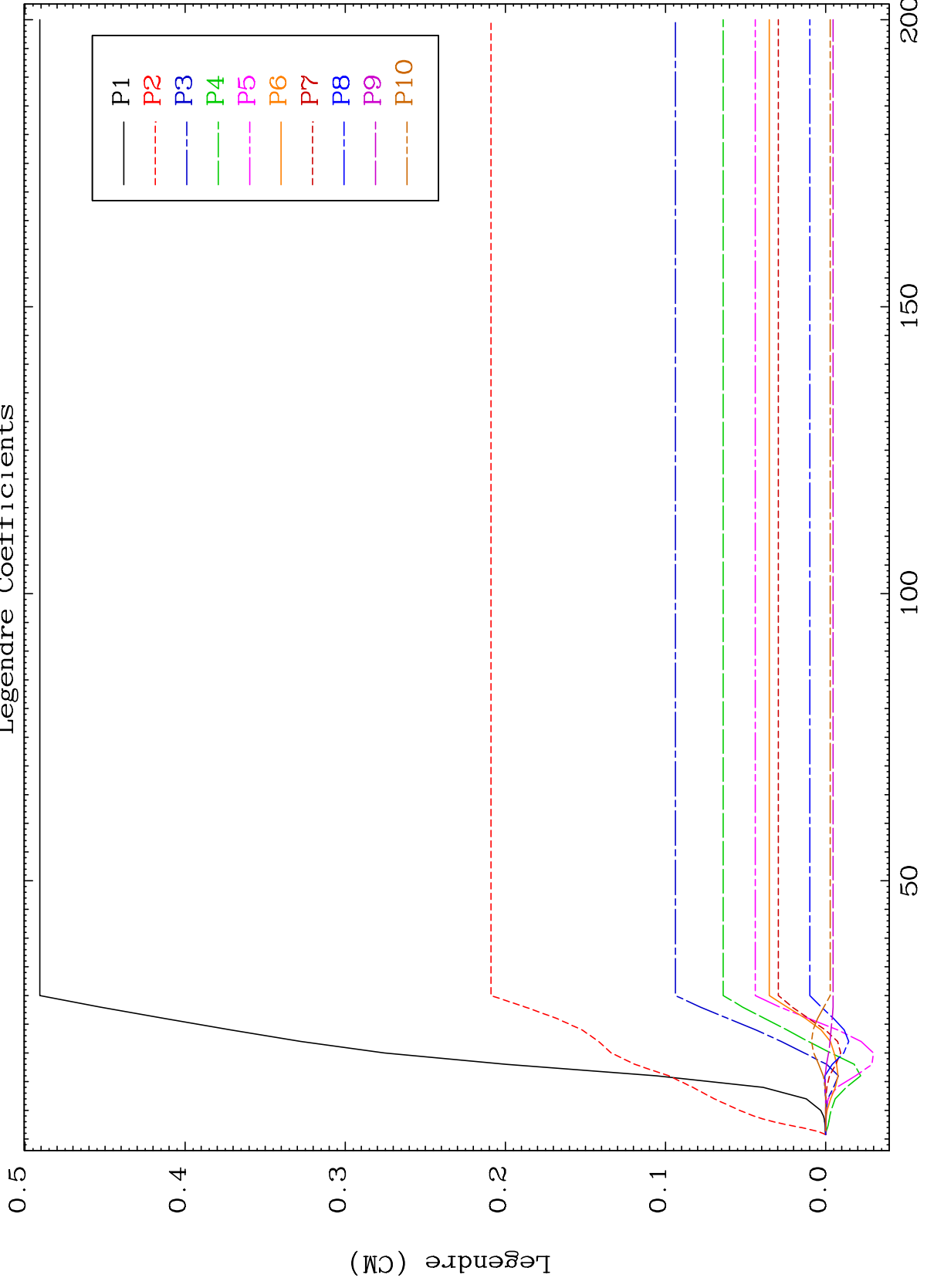


59

Incident Energy (MeV)

18-Ar-38

MAT 1831 MT= 65 (n,n') Level Legendre Coefficients 18-Ar-38

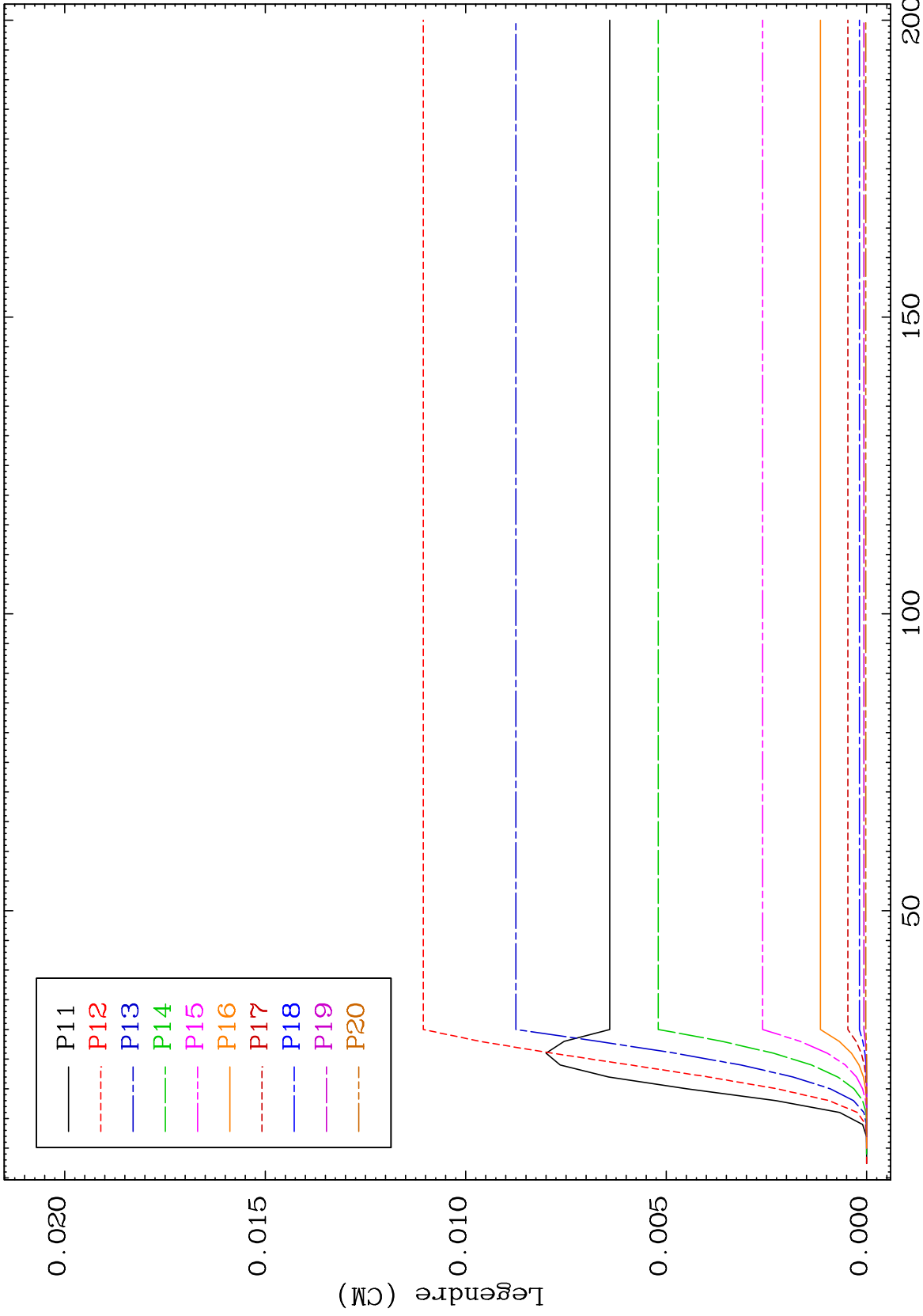


Legendre (CM) Incident Energy (MeV) 18-Ar-38

MAT 1831

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

18-Ar-38



61

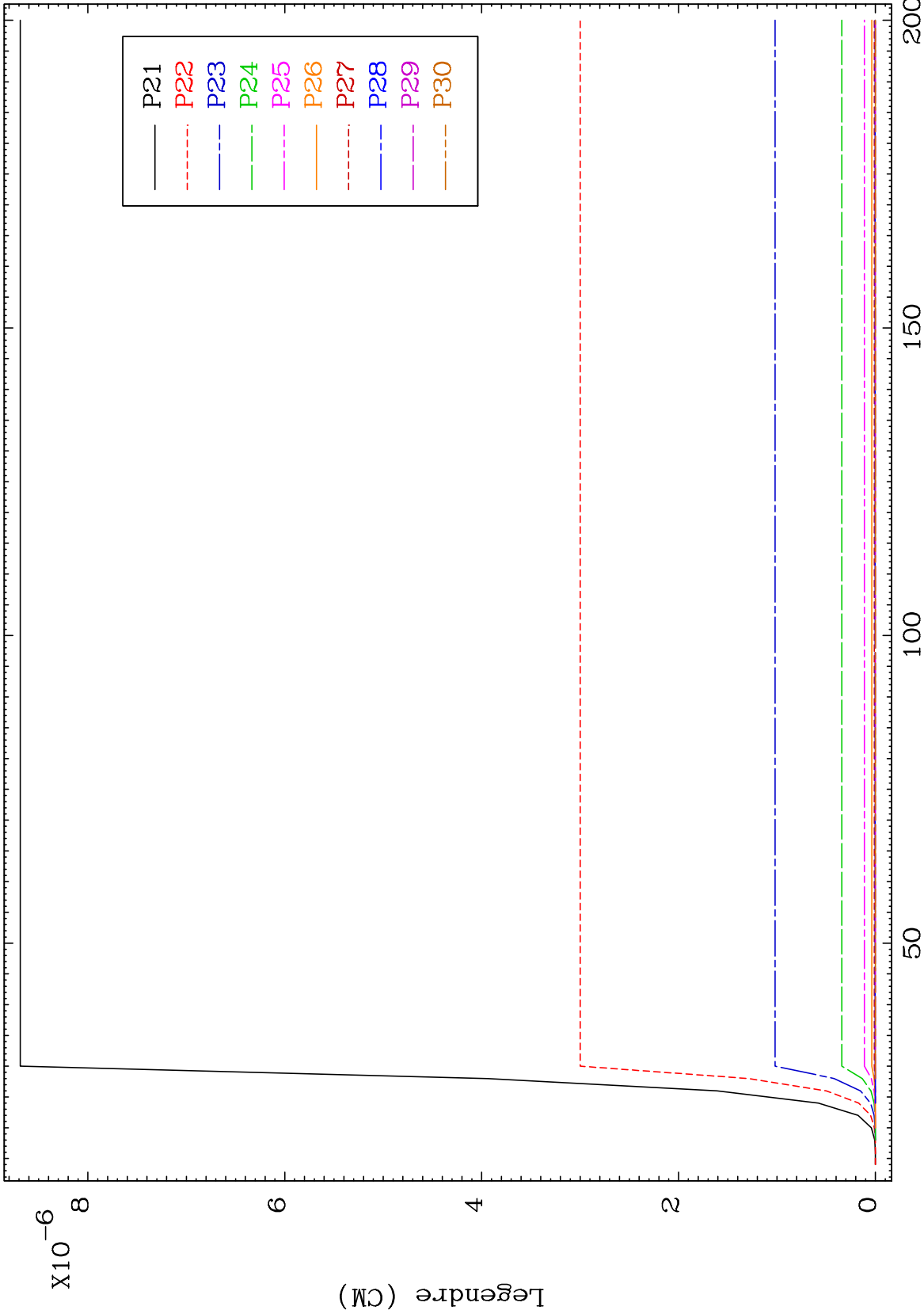
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



62

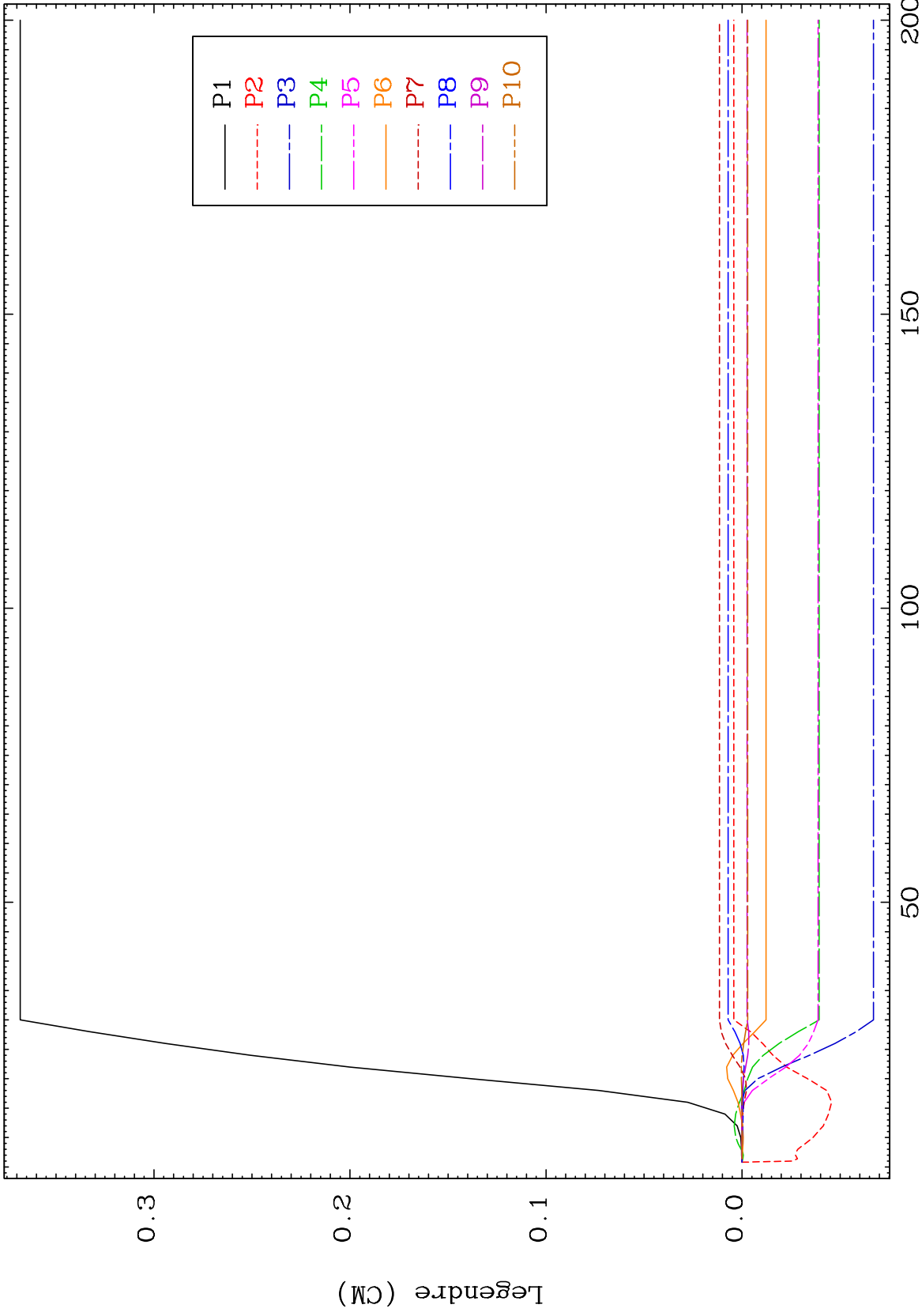
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

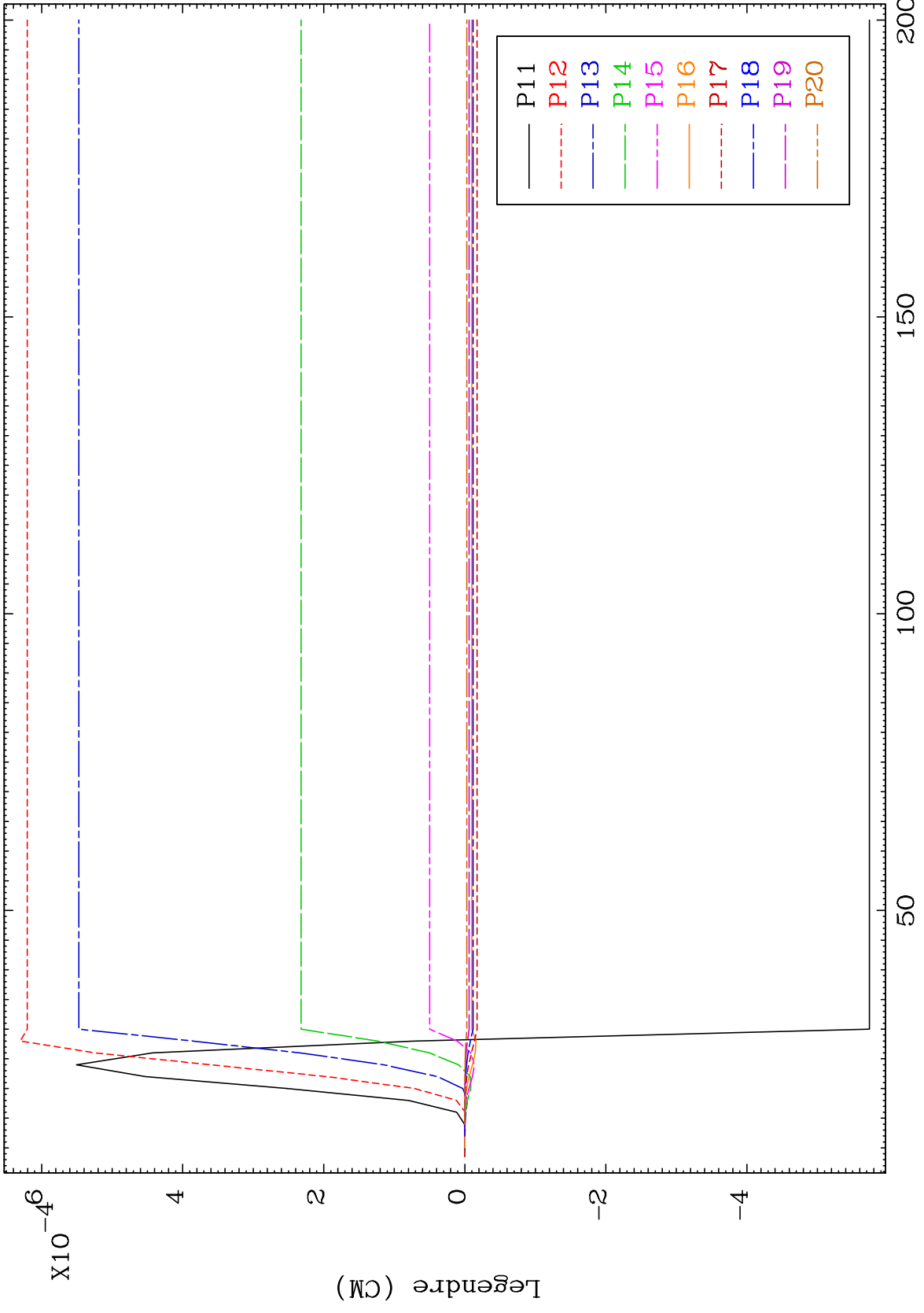
18-Ar-38



63

18-Ar-38

MAT 1831 MT= 66 (n,n') Level Legendre Coefficients 18-Ar-38

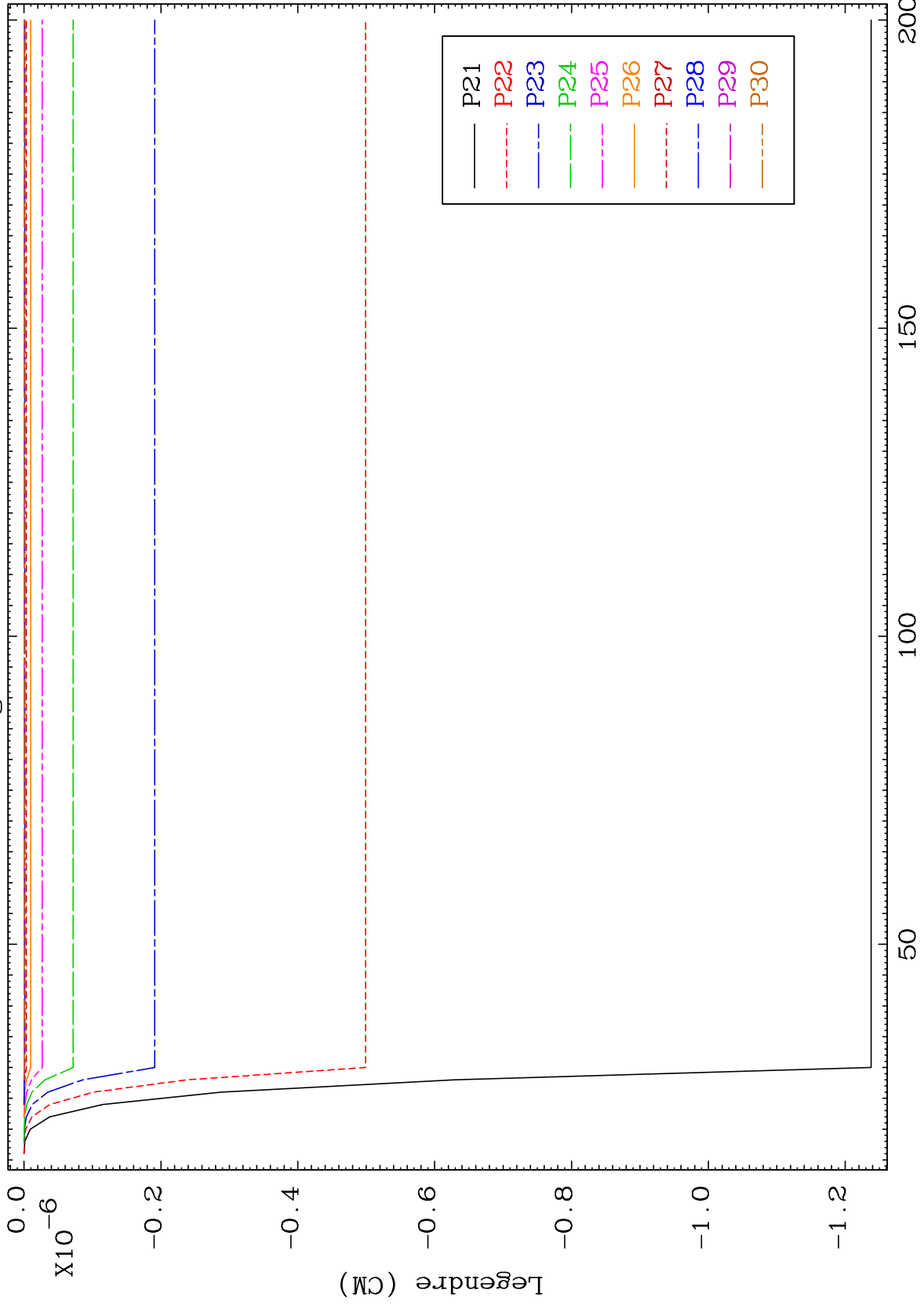


64 18-Ar-38

MAT 1831

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

18-Ar-38



18-Ar-38

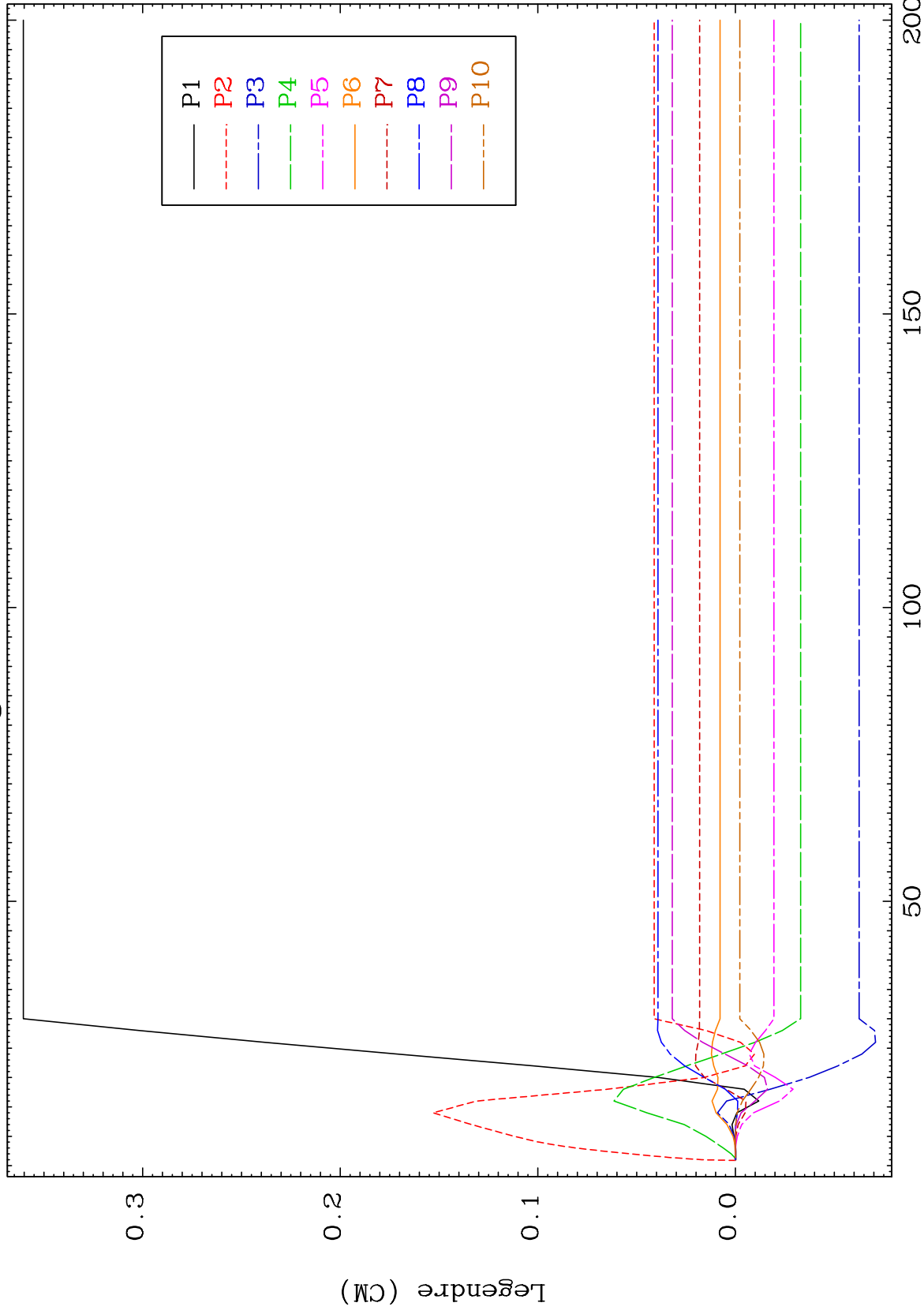
Incident Energy (MeV)

65

MAT 1831

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

18-Ar-38



66

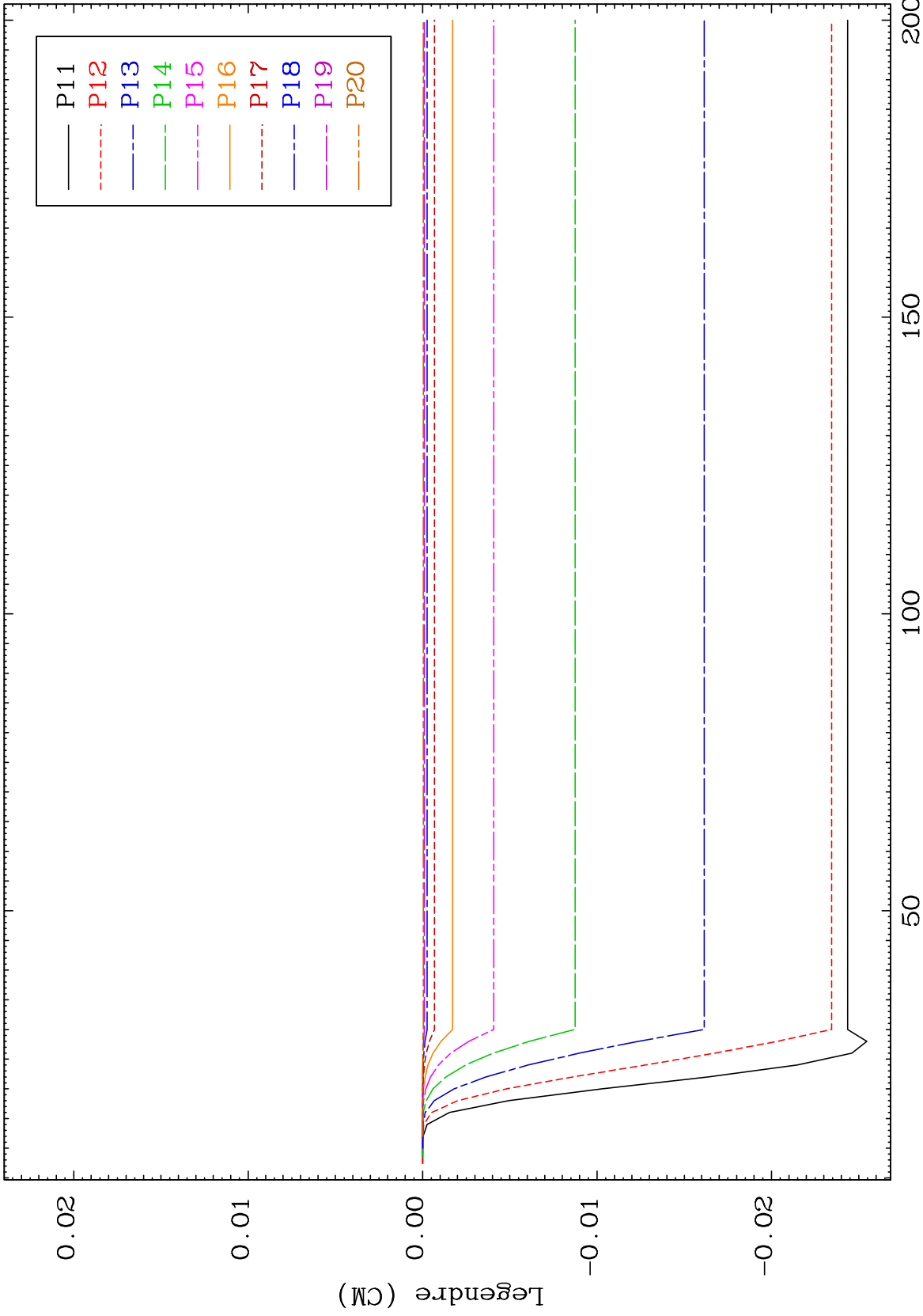
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



67

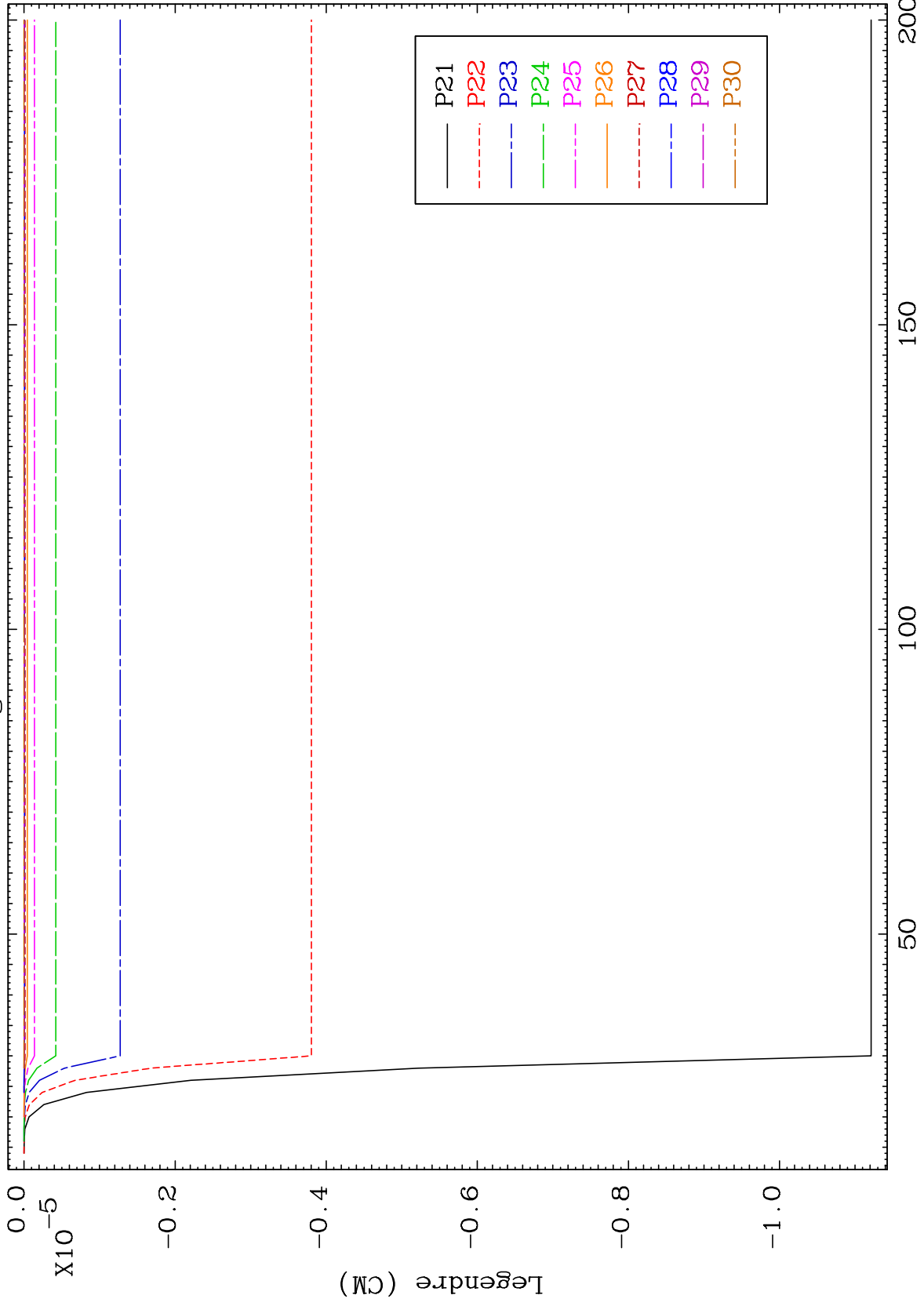
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



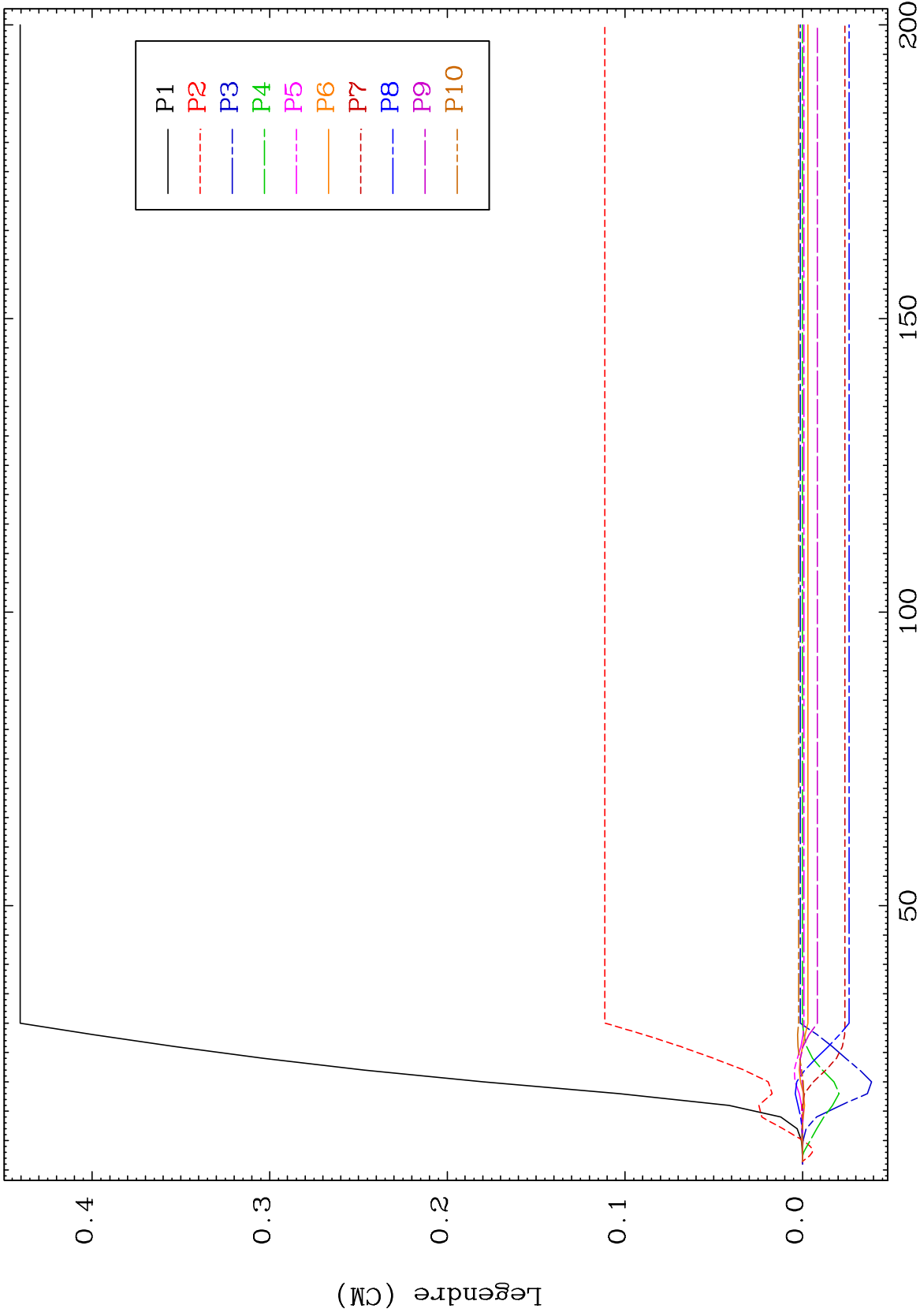
68

18-Ar-38

MAT 1831

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

18-Ar-38



69

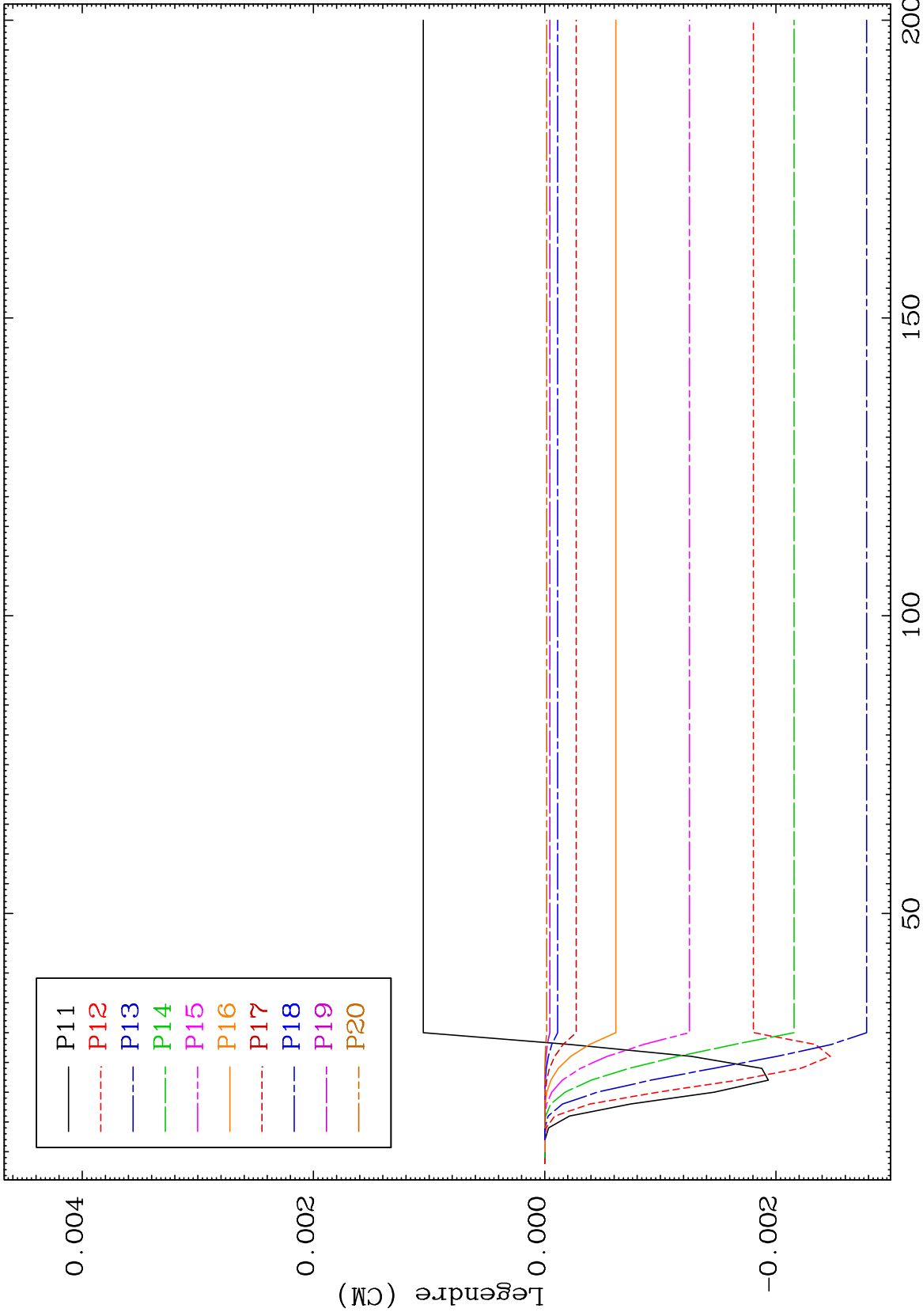
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38

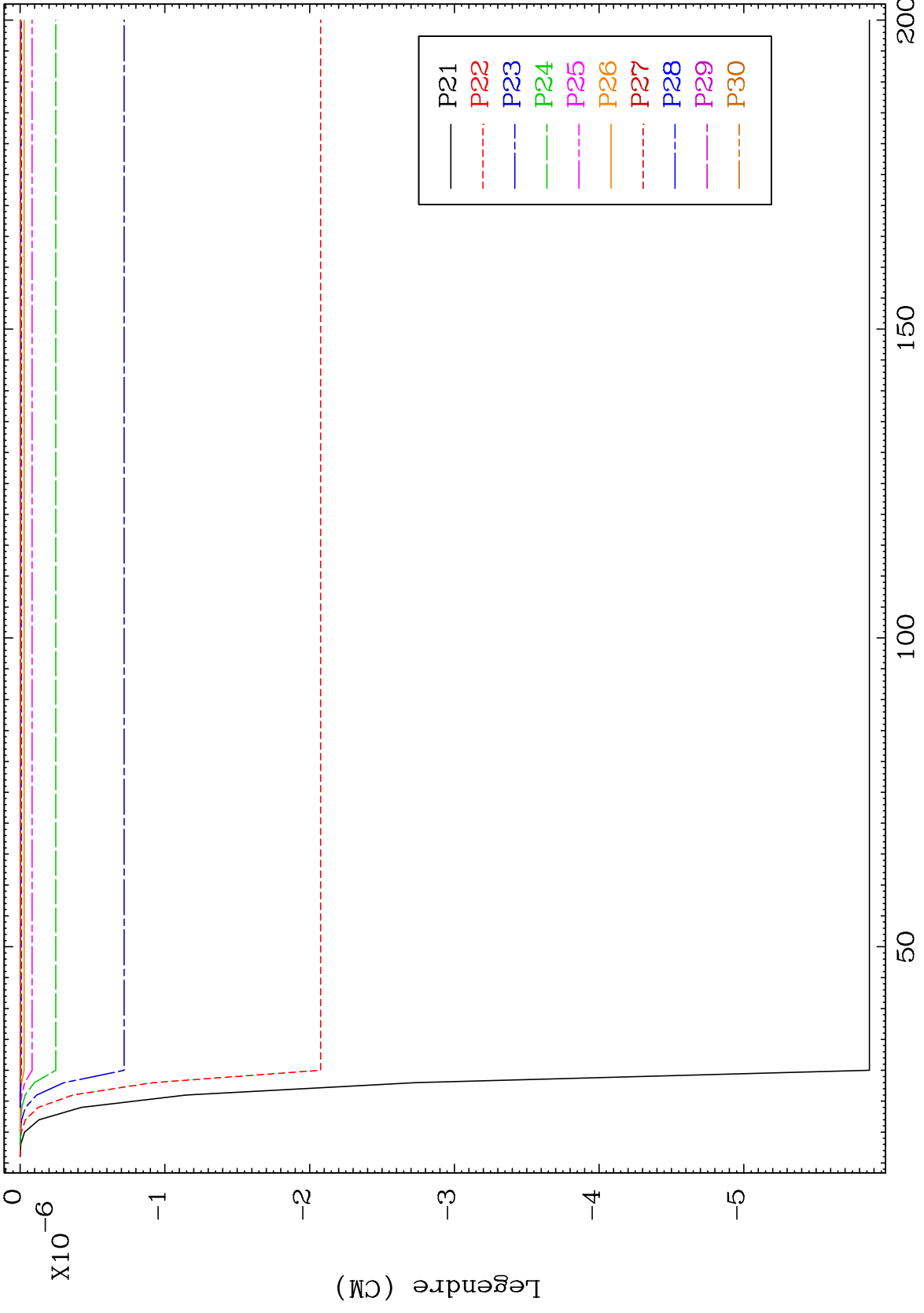


70

Incident Energy (MeV)

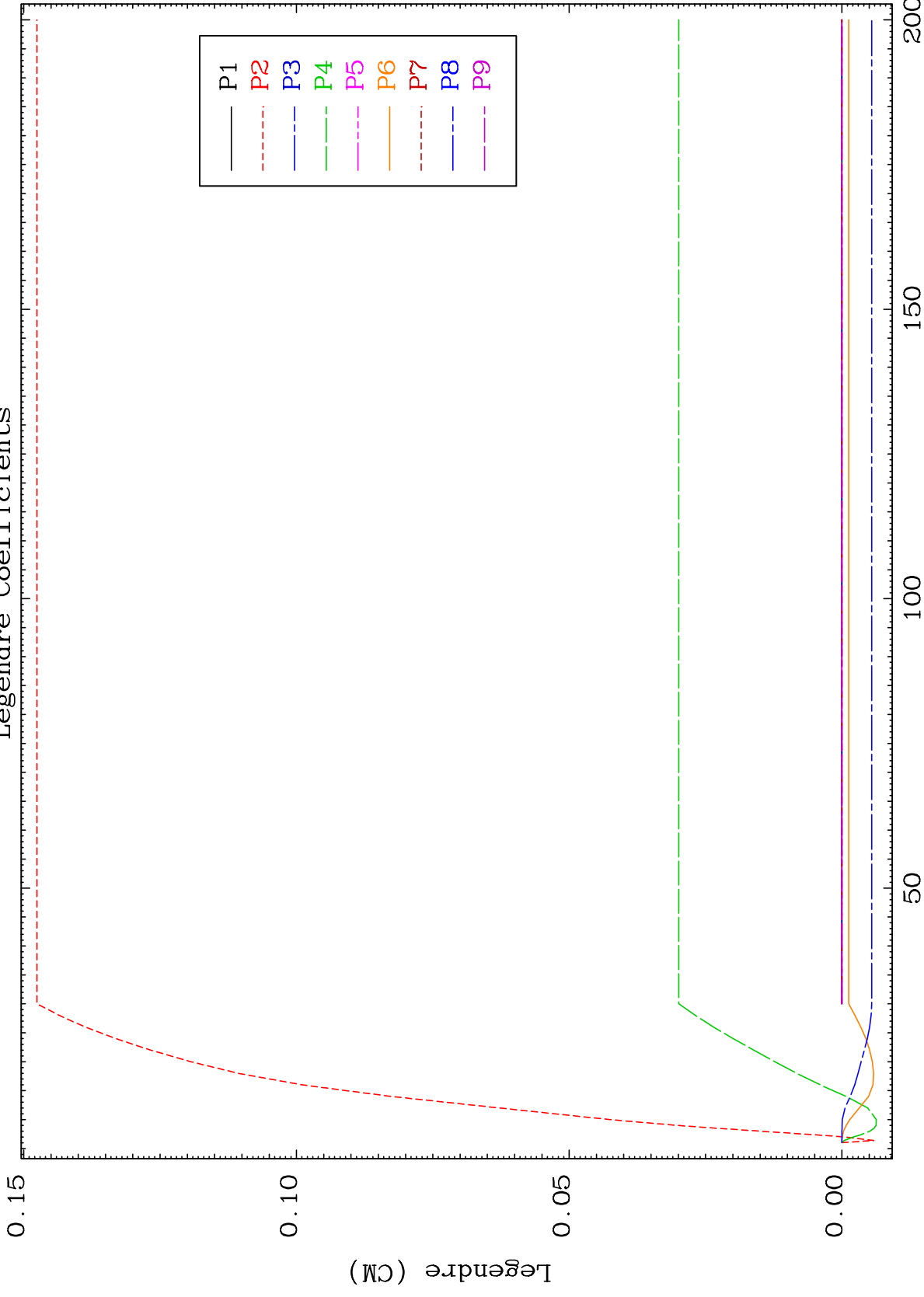
18-Ar-38

MAT 1831 MT= 68 (n,n') Level Legendre Coefficients 18-Ar-38



MAT 1831 MT= 69 (n,n') Level Legendre Coefficients

18-Ar-38



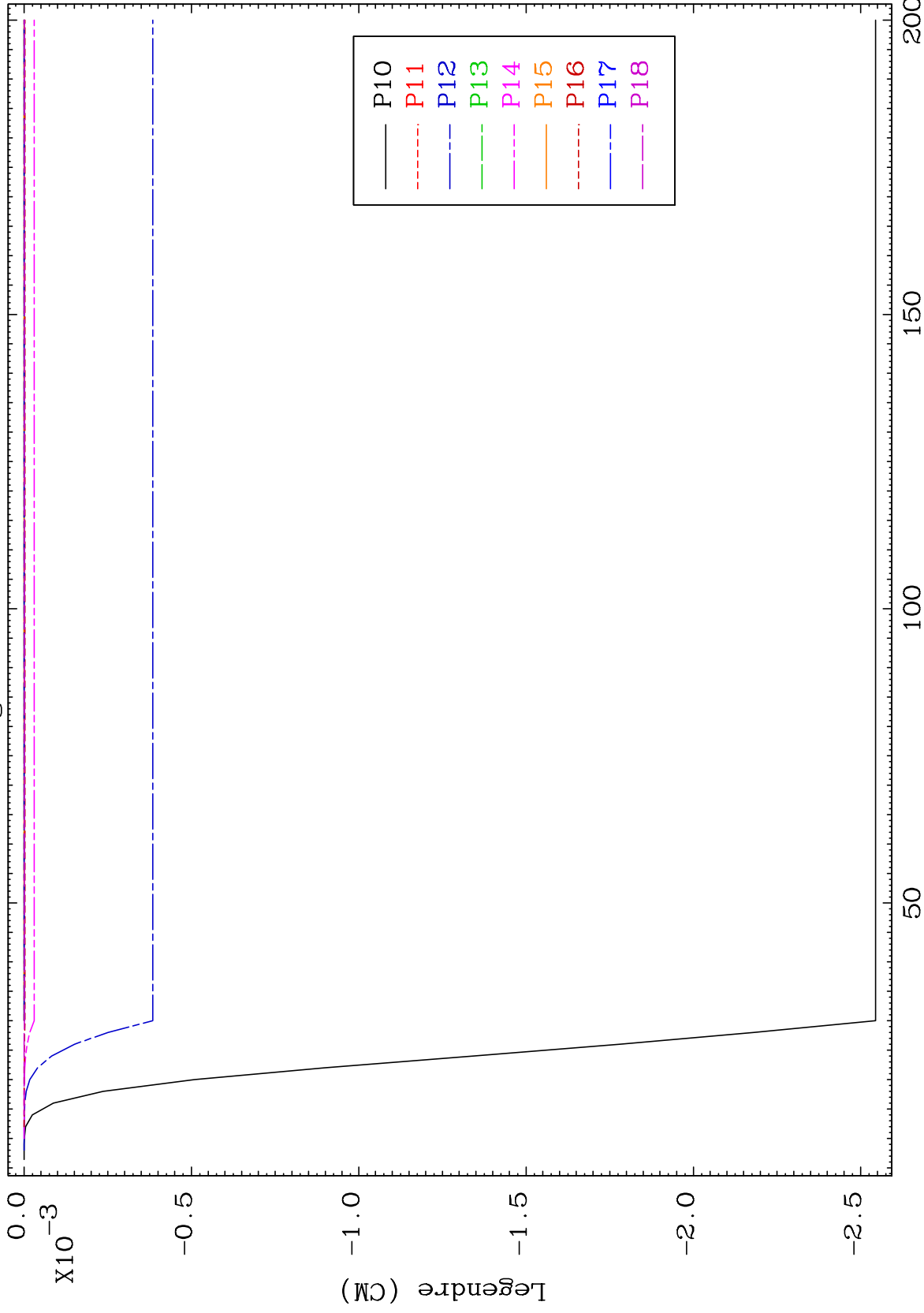
18-Ar-38

72

MAT 1831

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

18-Ar-38

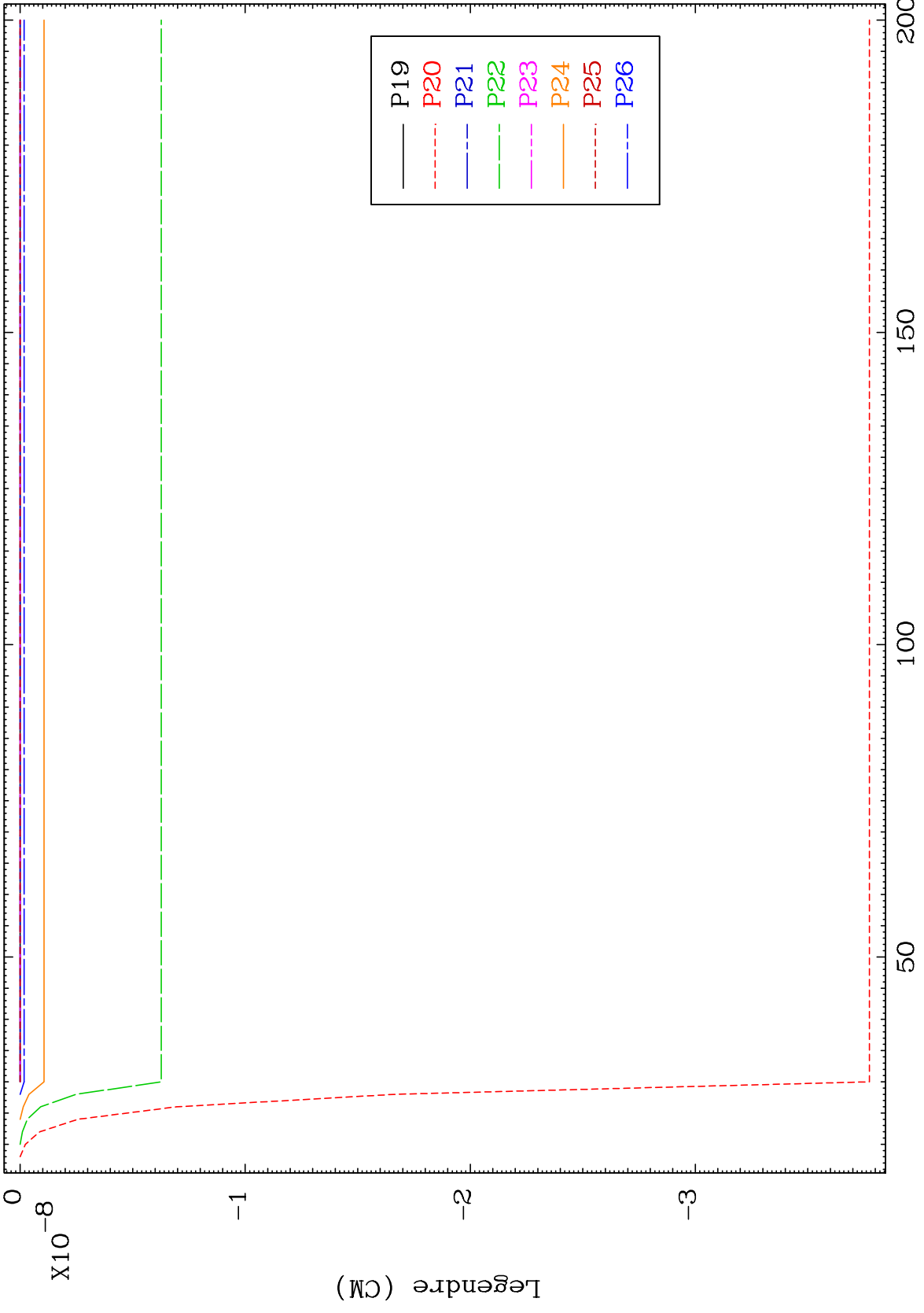


73

Incident Energy (MeV)

18-Ar-38

MAT 1831 MT= 69 (n,n') Level Legendre Coefficients 18-Ar-38

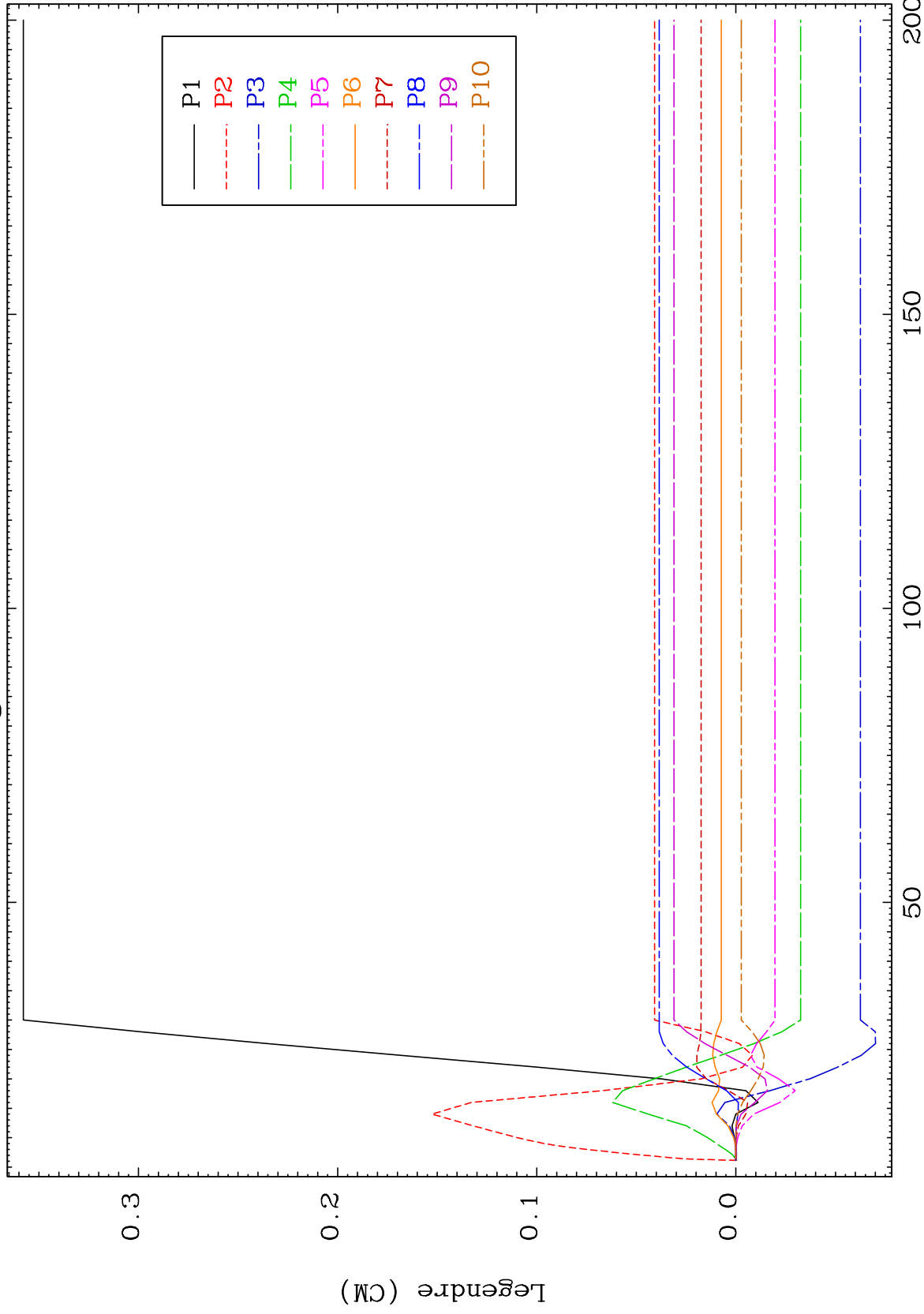


74 18-Ar-38

MAT 1831

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

18-Ar-38



75

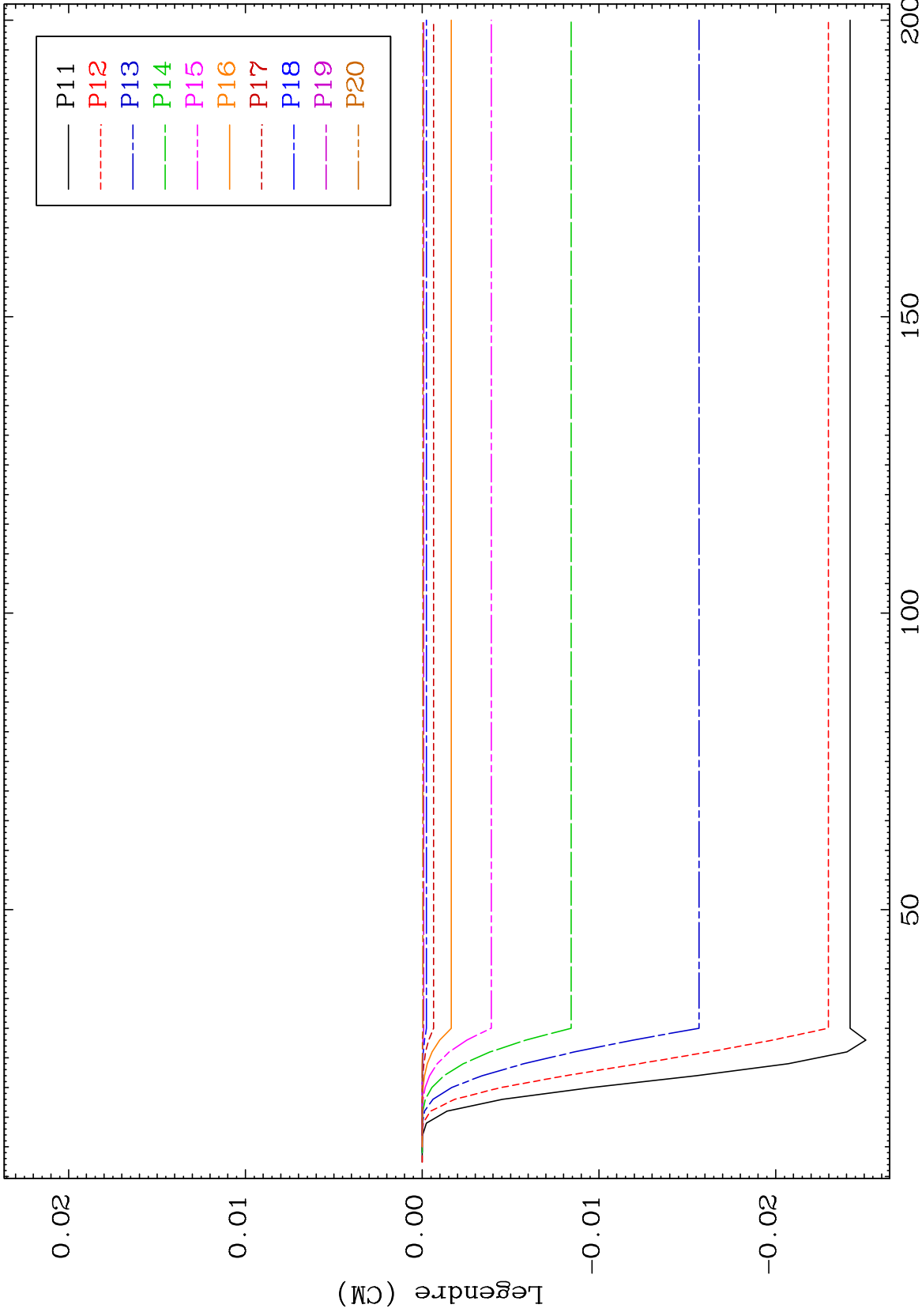
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



76

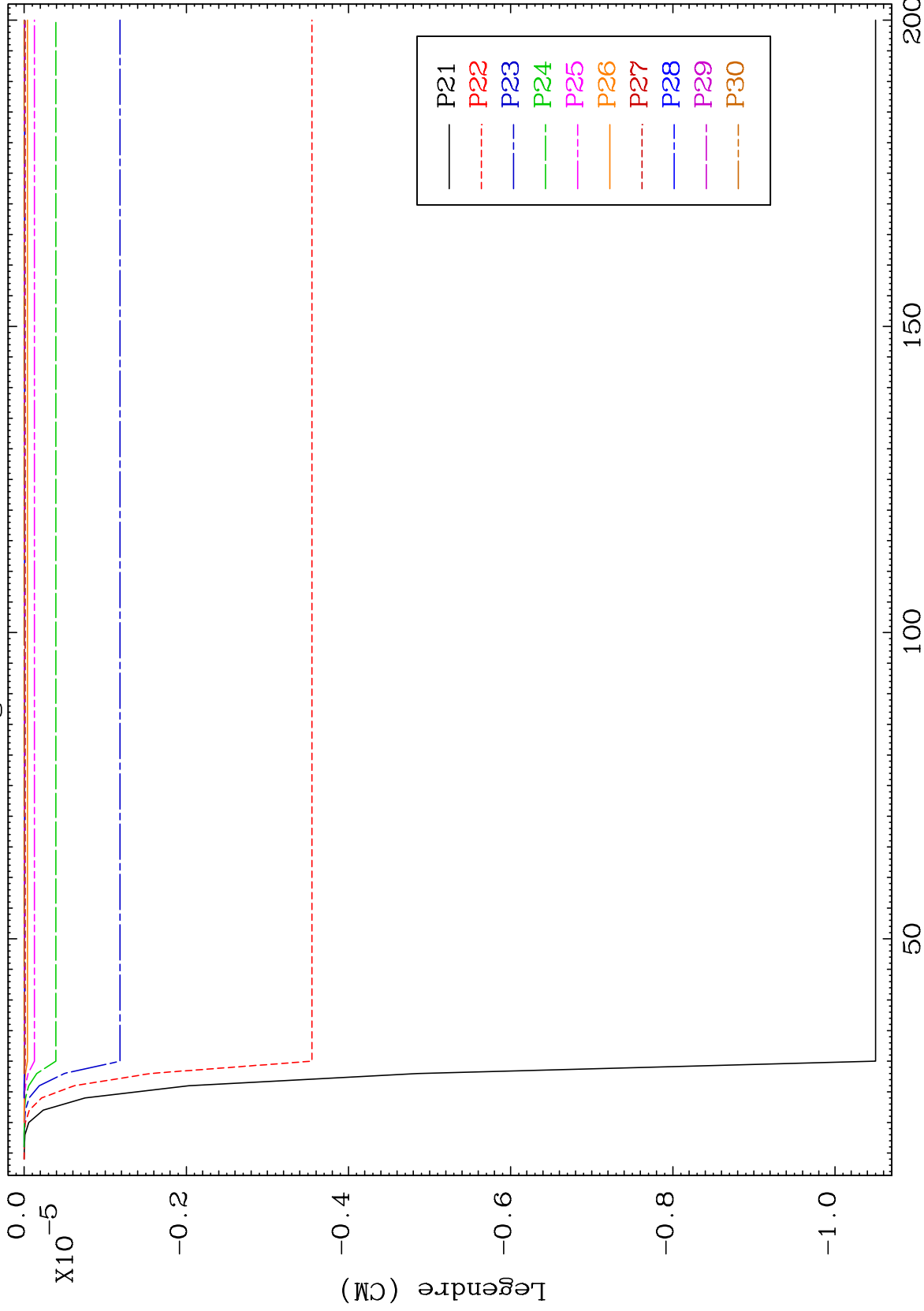
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



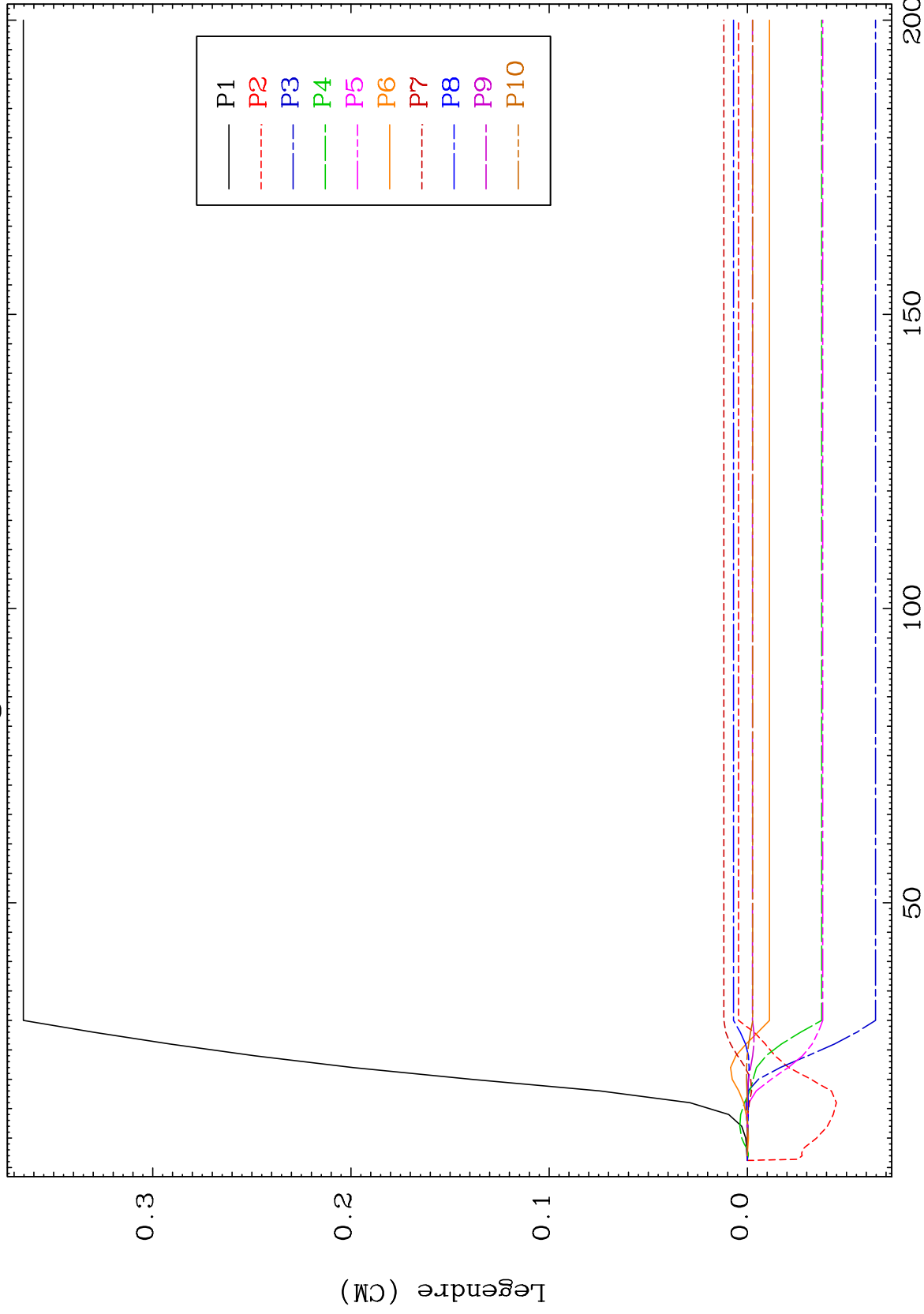
77

18-Ar-38

MAT 1831

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

18-Ar-38



78

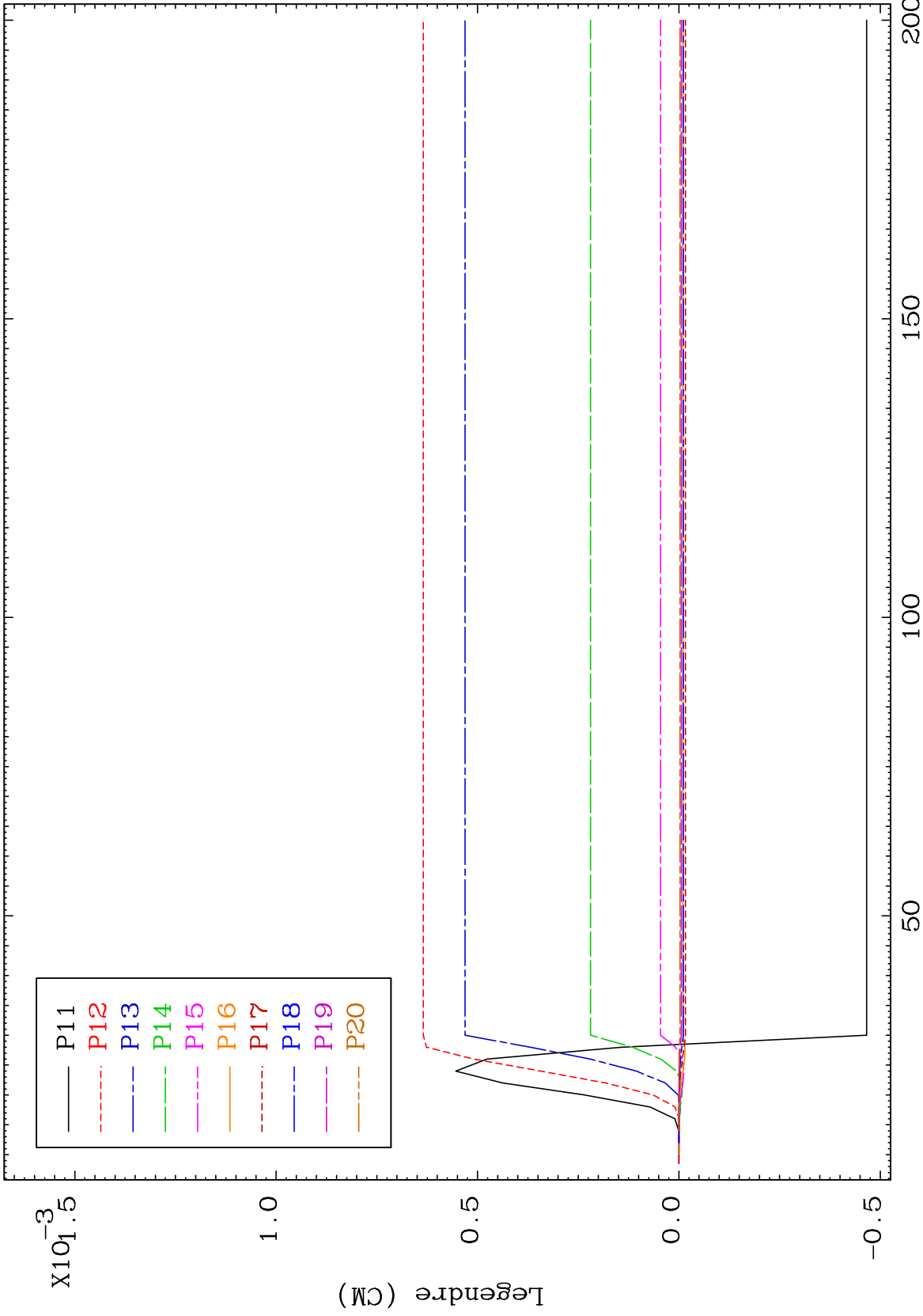
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



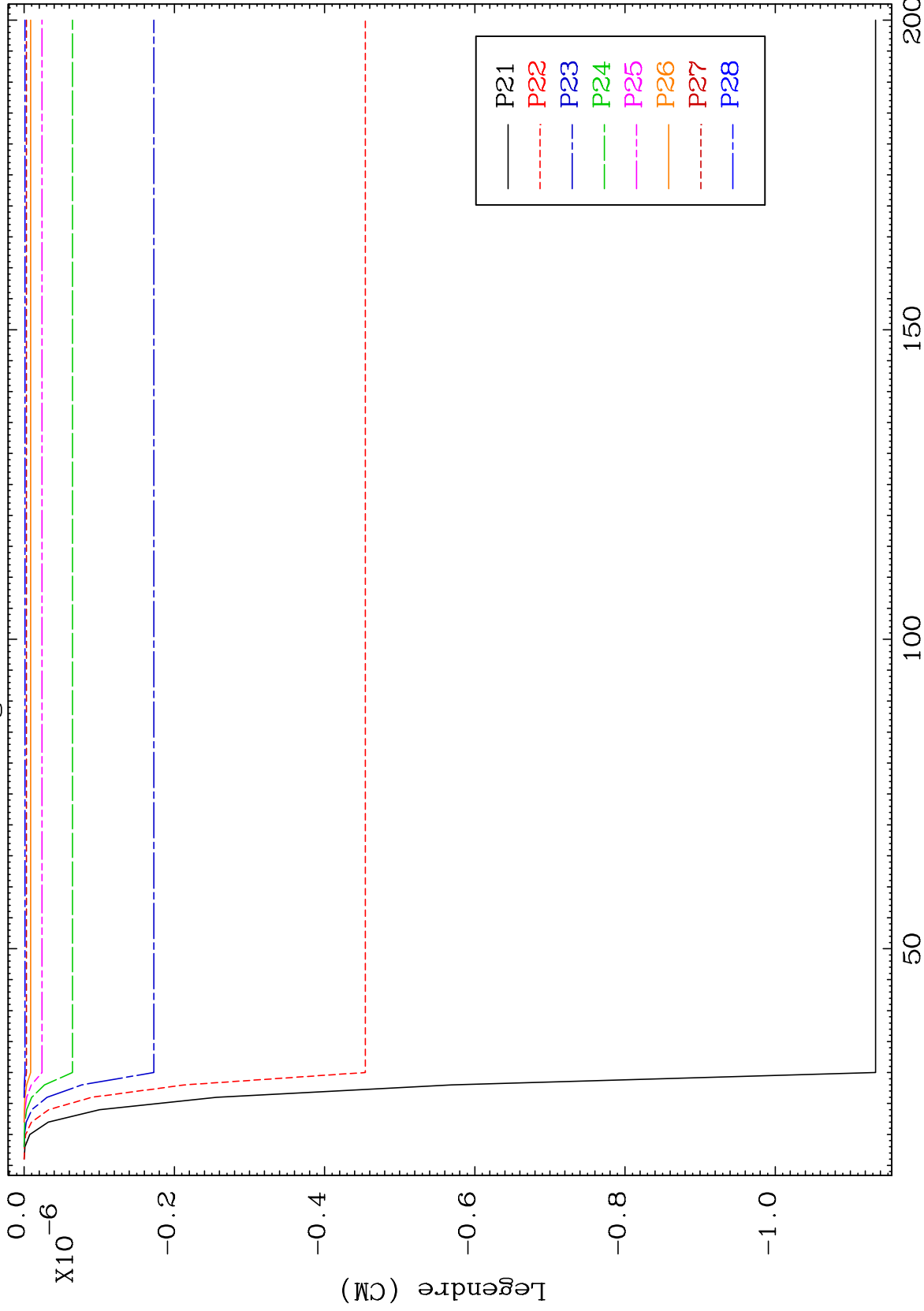
79

18-Ar-38

MAT 1831

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

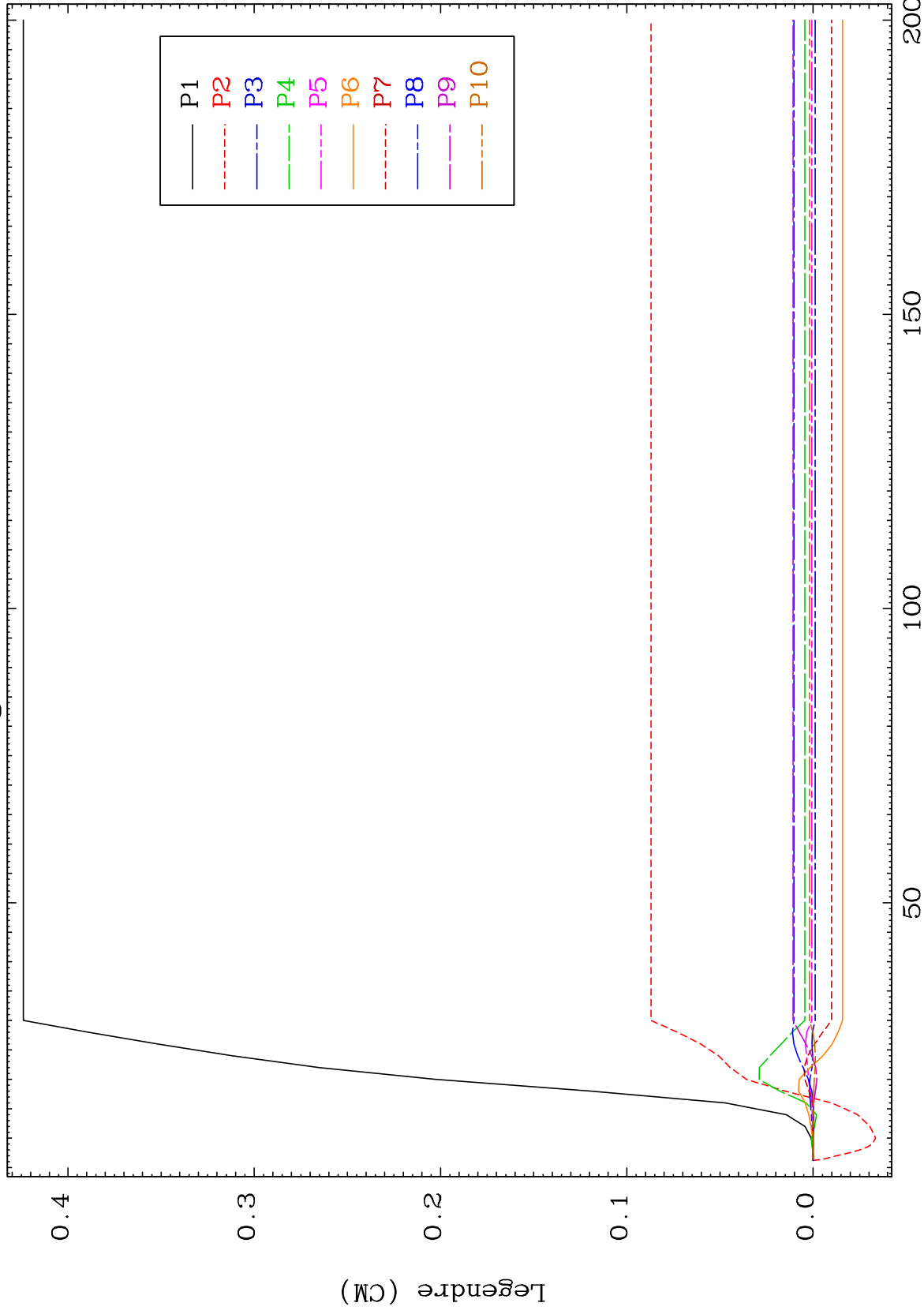
18-Ar-38



MAT 1831

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

18-Ar-38



81

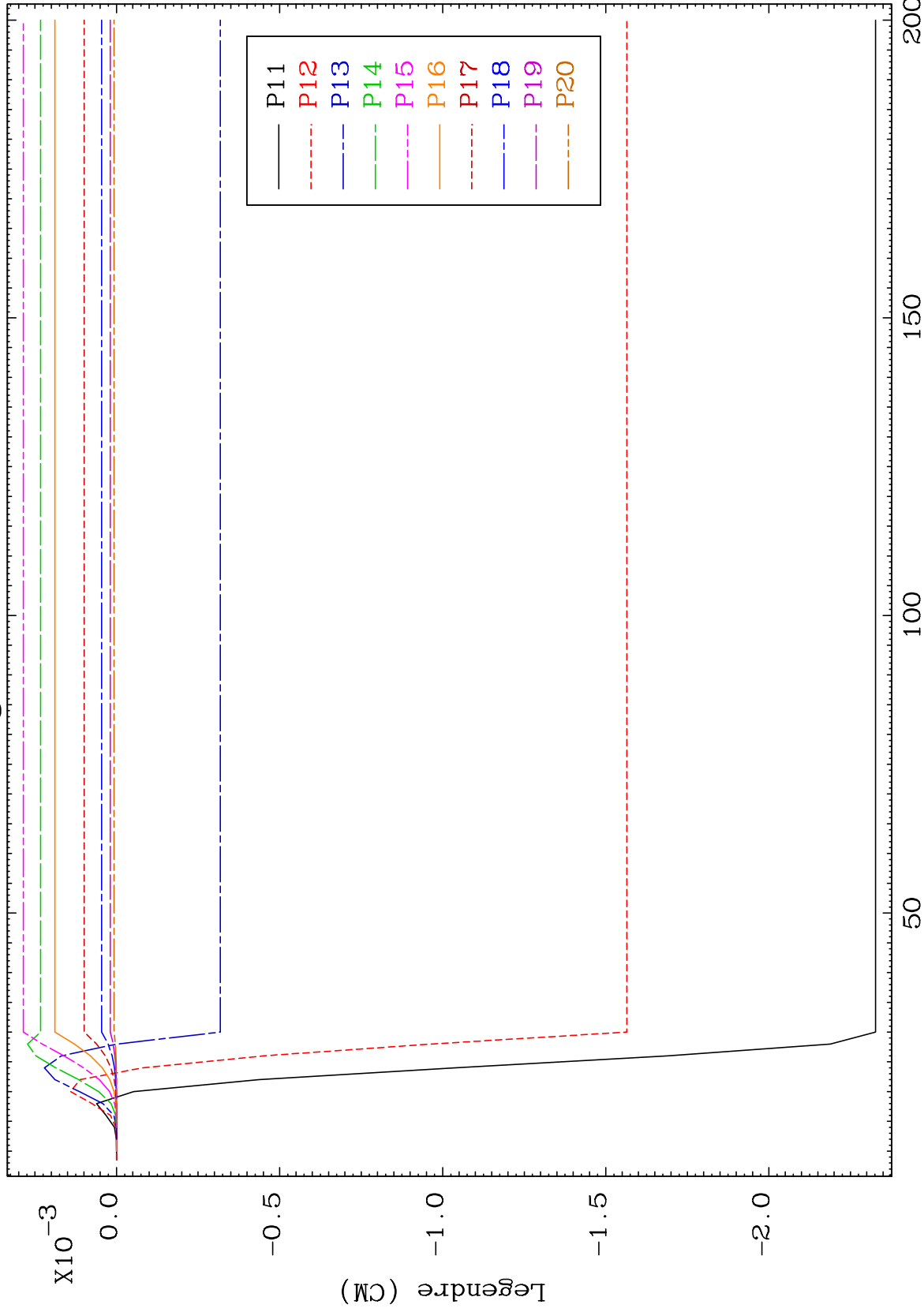
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



82

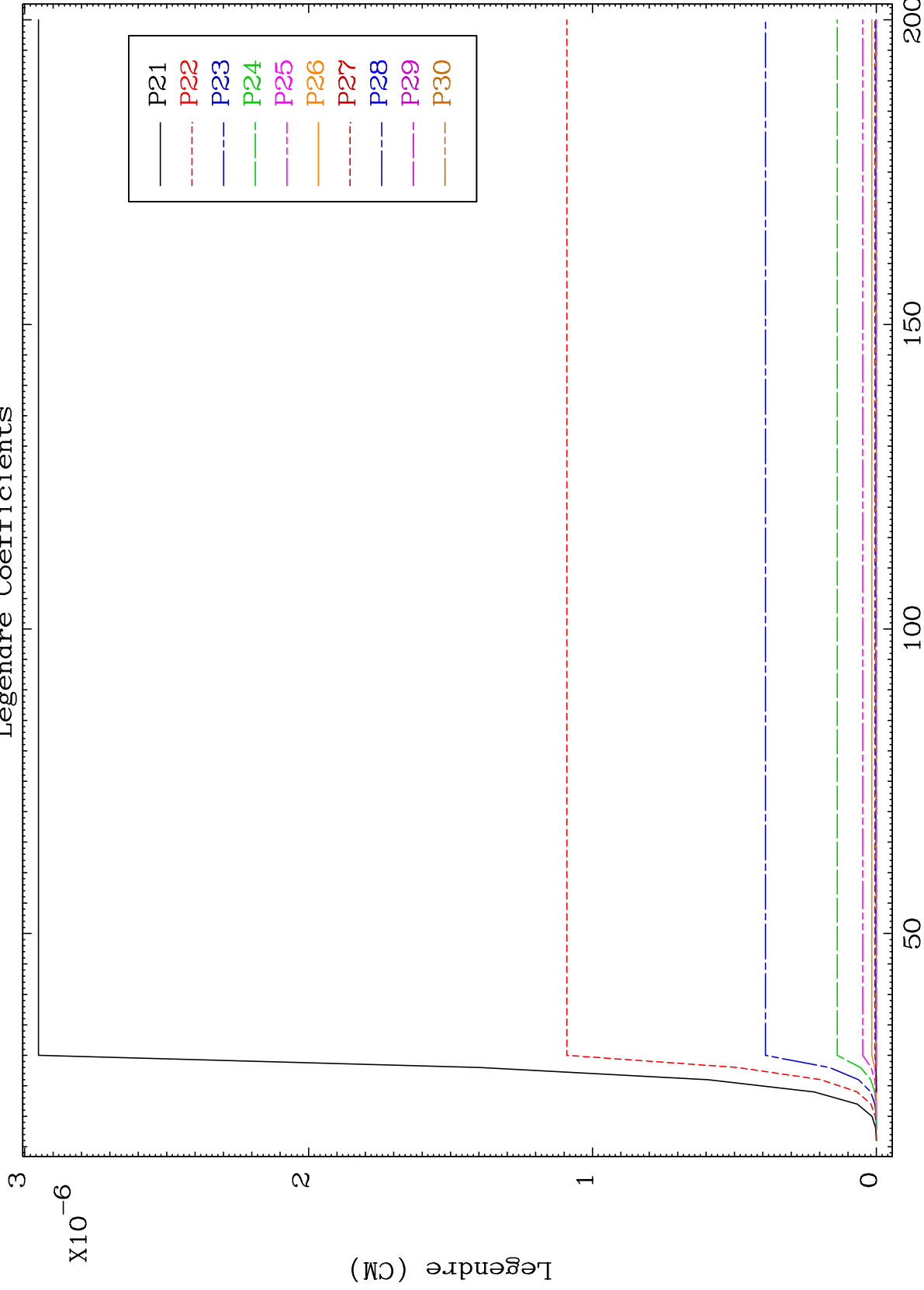
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



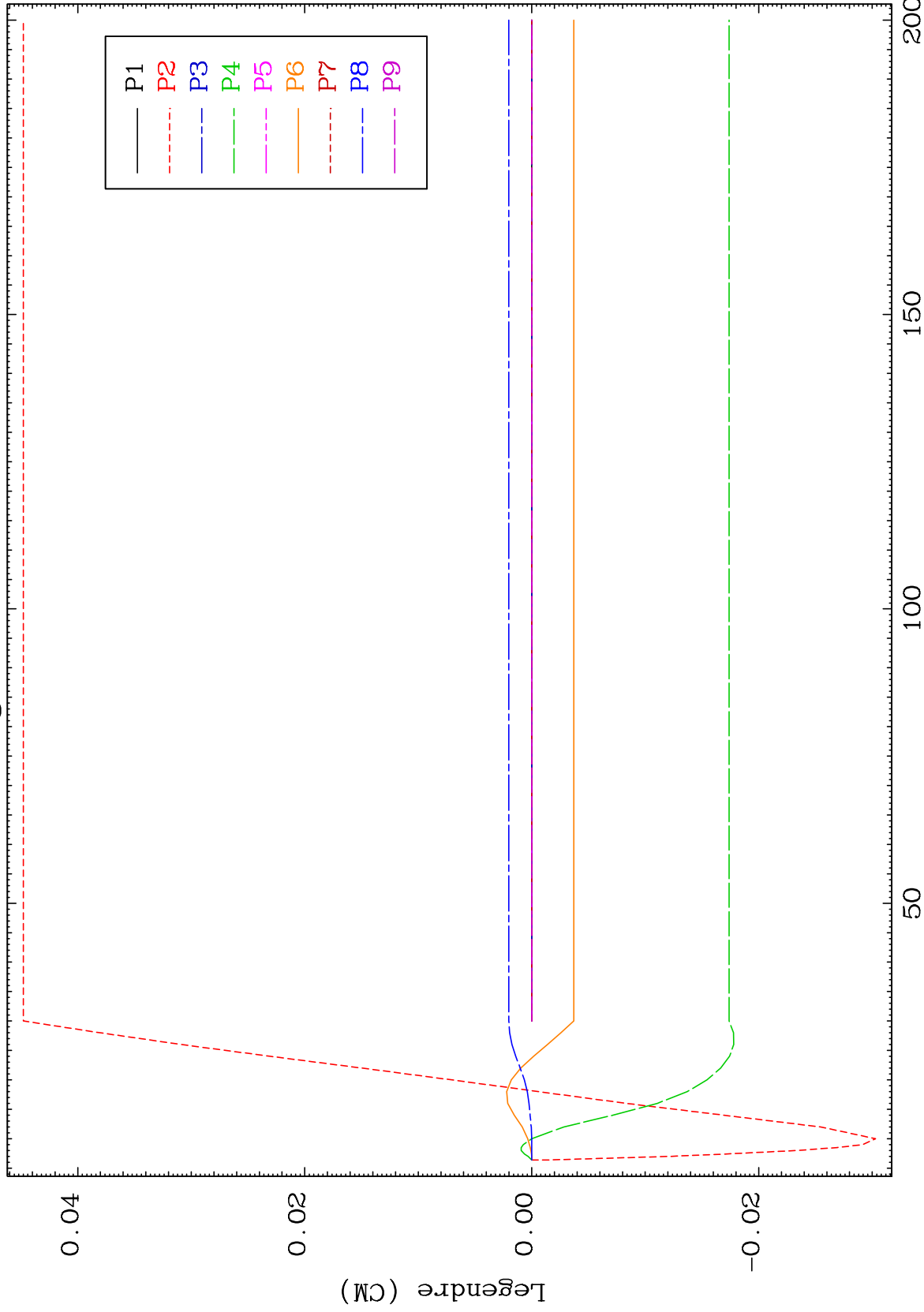
83

18-Ar-38

MAT 1831

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

18-Ar-38



84

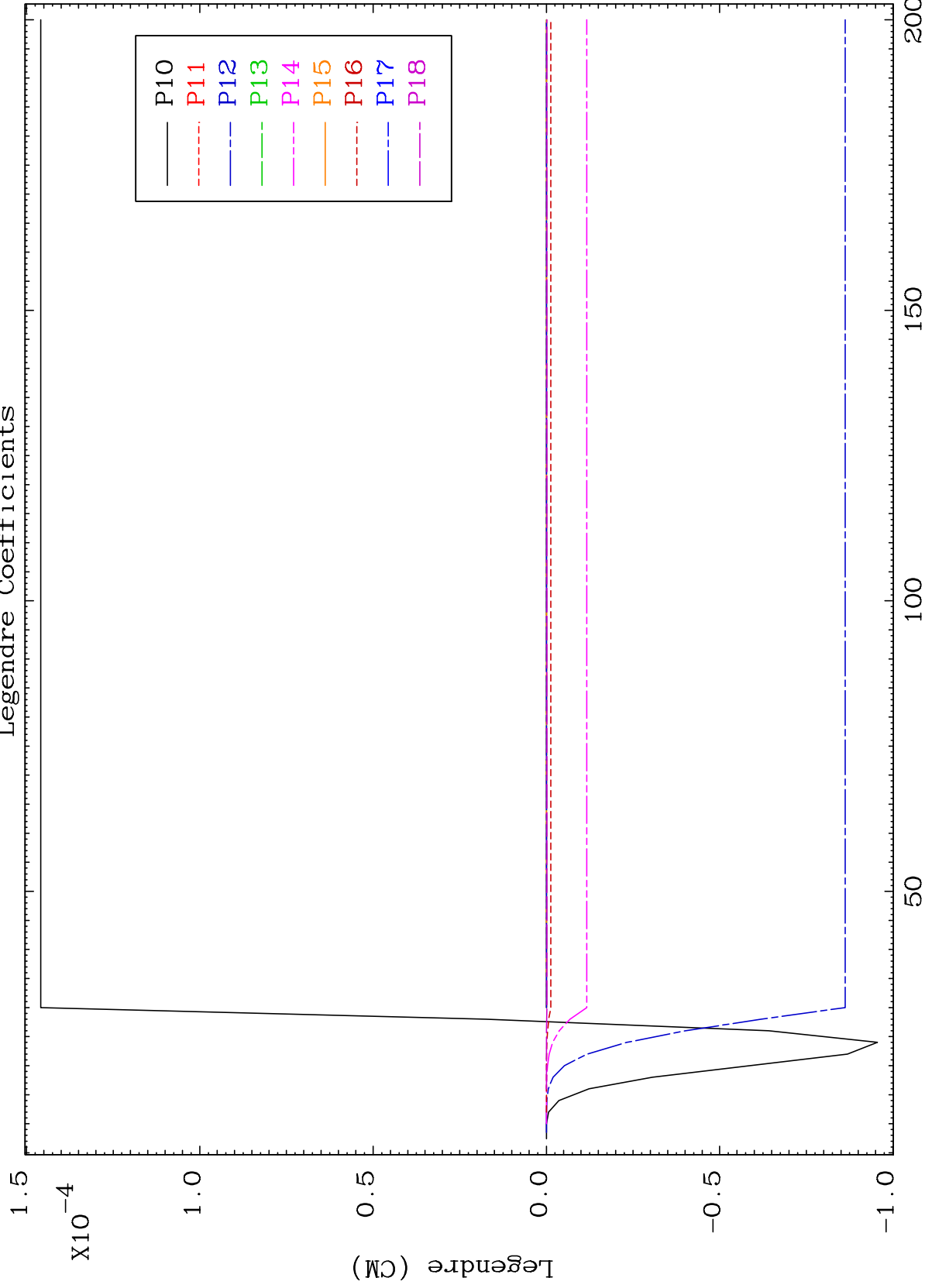
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38

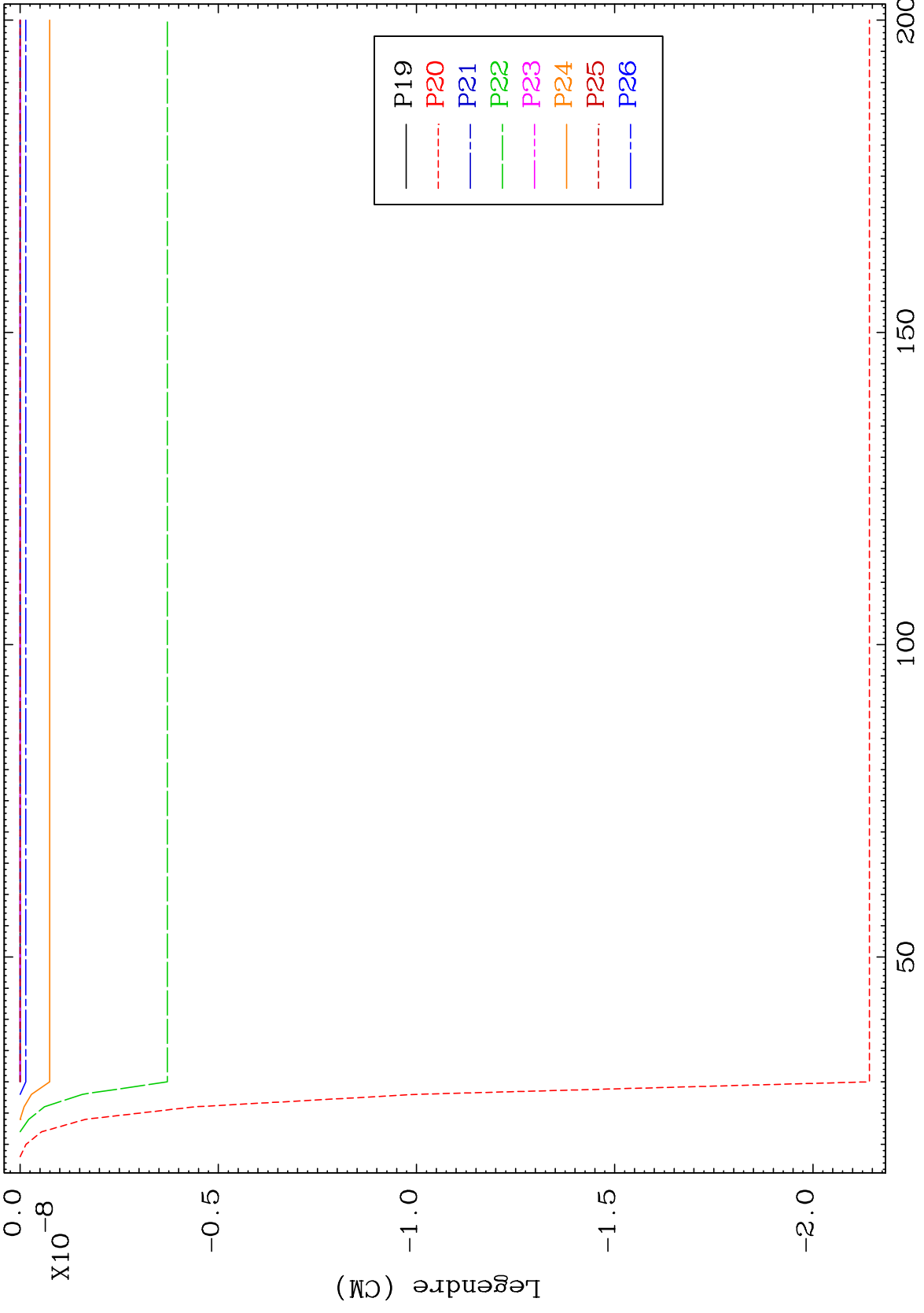


85

Incident Energy (MeV)

18-Ar-38

MAT 1831 MT= 73 (n,n') Level Legendre Coefficients 18-Ar-38

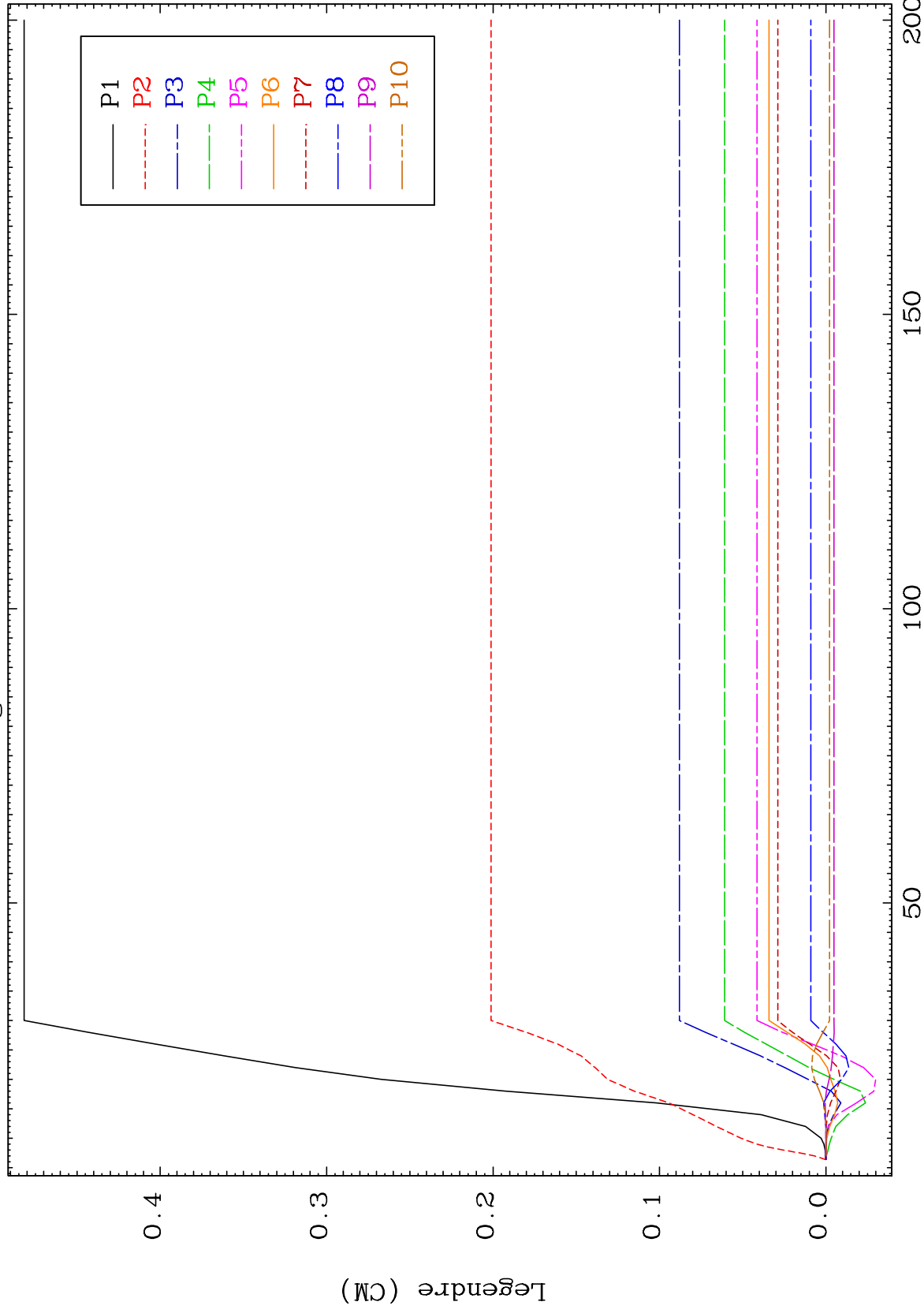


86 18-Ar-38

MAT 1831

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

18-Ar-38



87

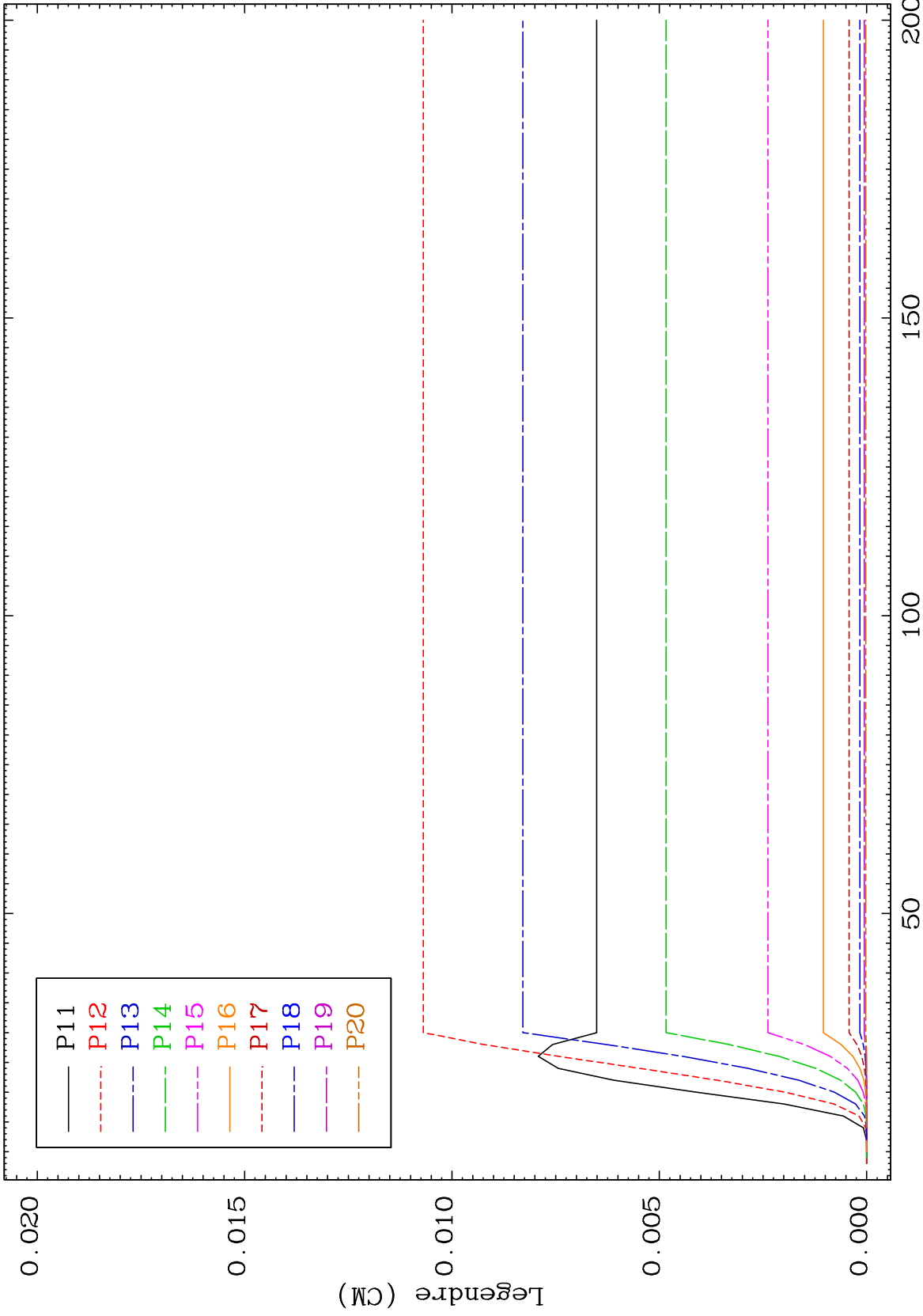
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



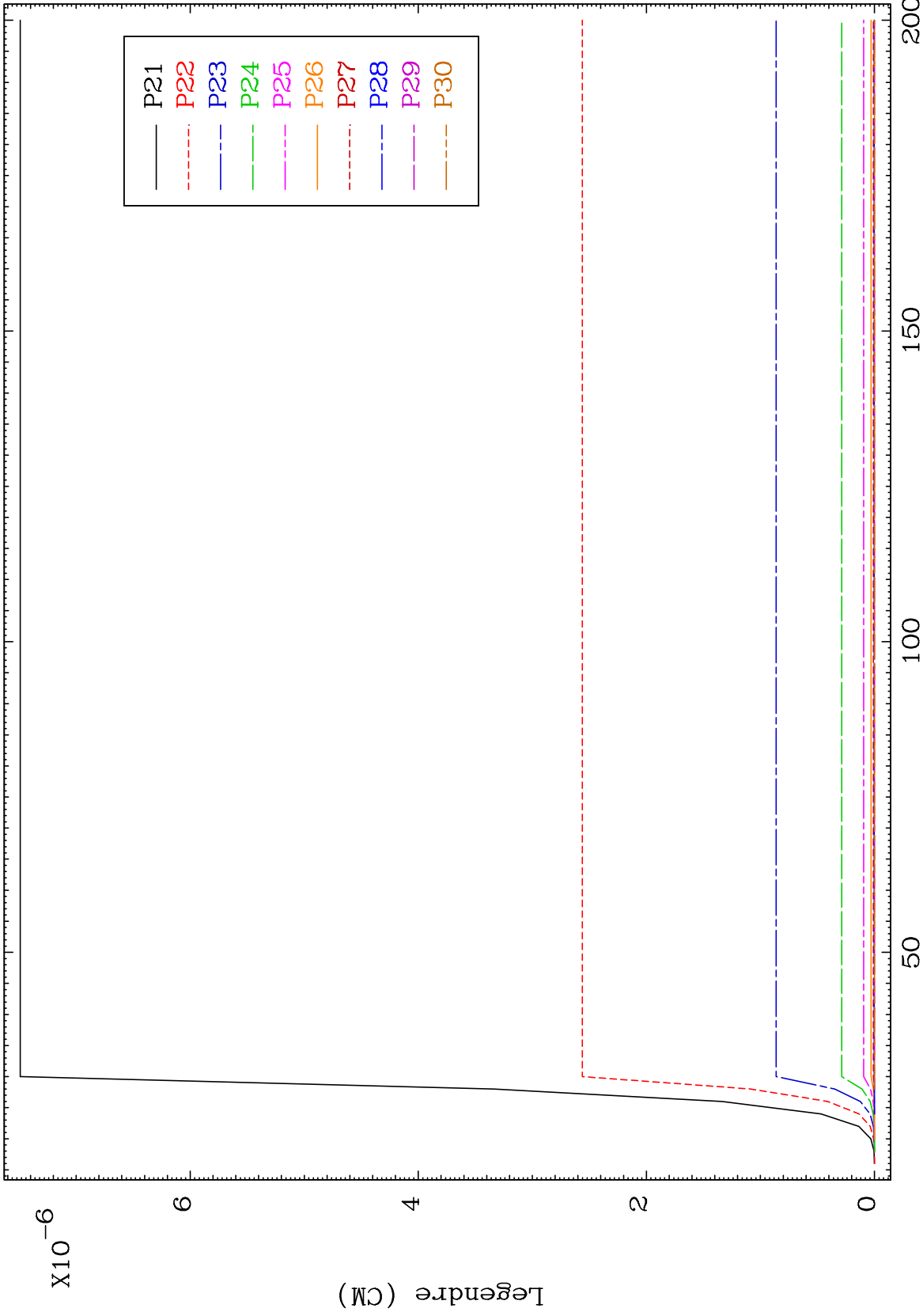
88

18-Ar-38

MAT 1831

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

18-Ar-38



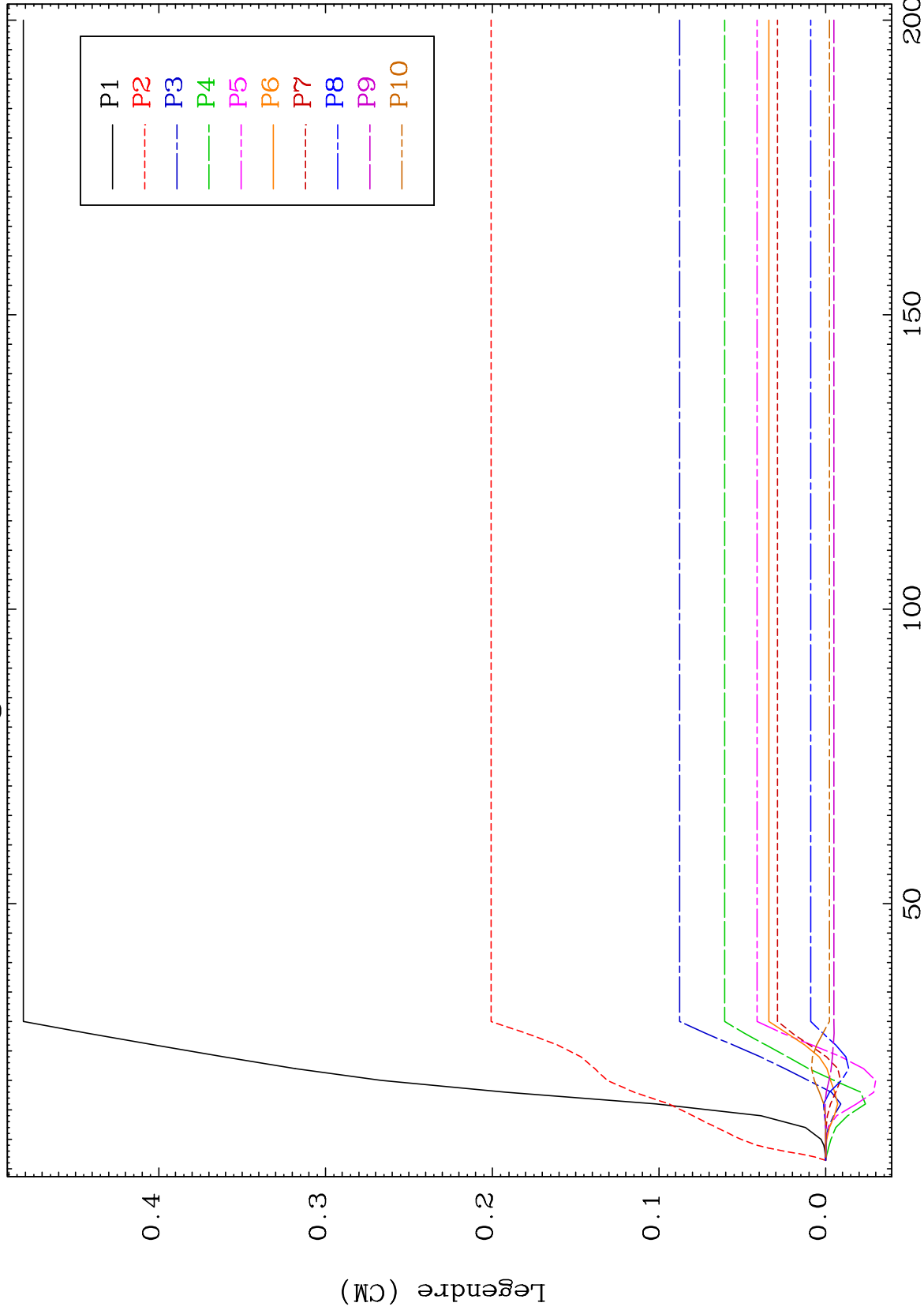
89

18-Ar-38

MAT 1831

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

18-Ar-38



90

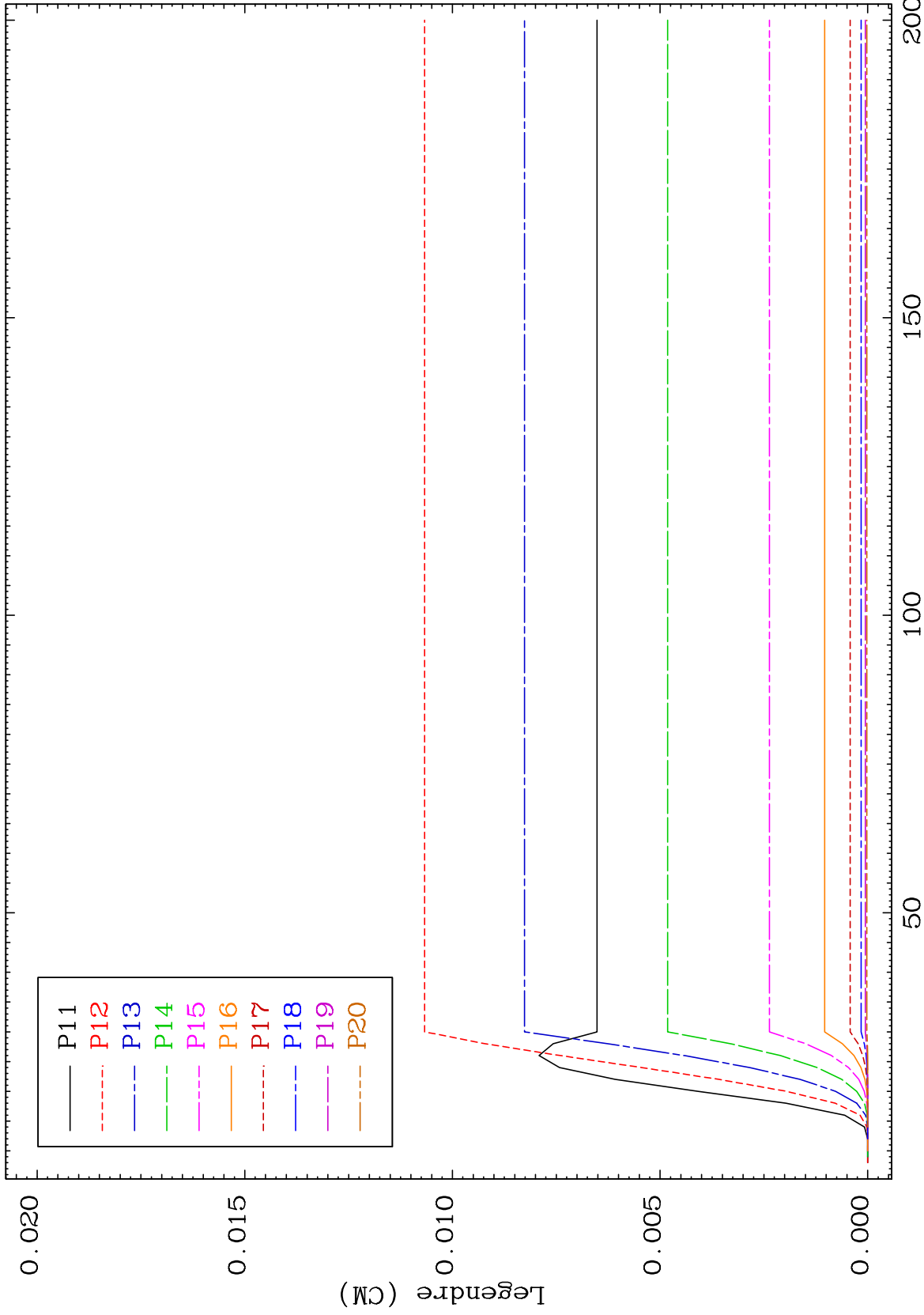
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

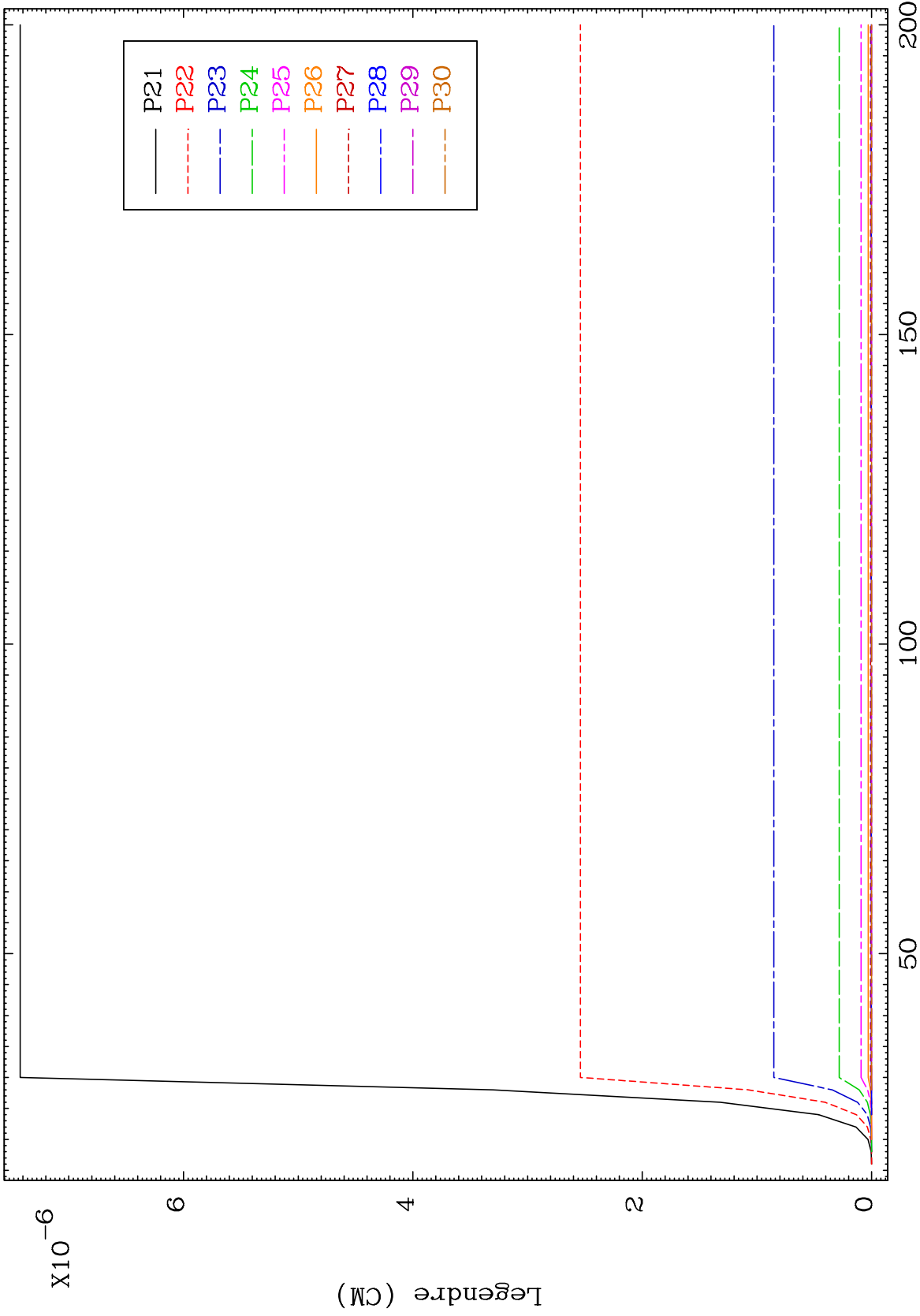
18-Ar-38



MAT 1831

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

18-Ar-38



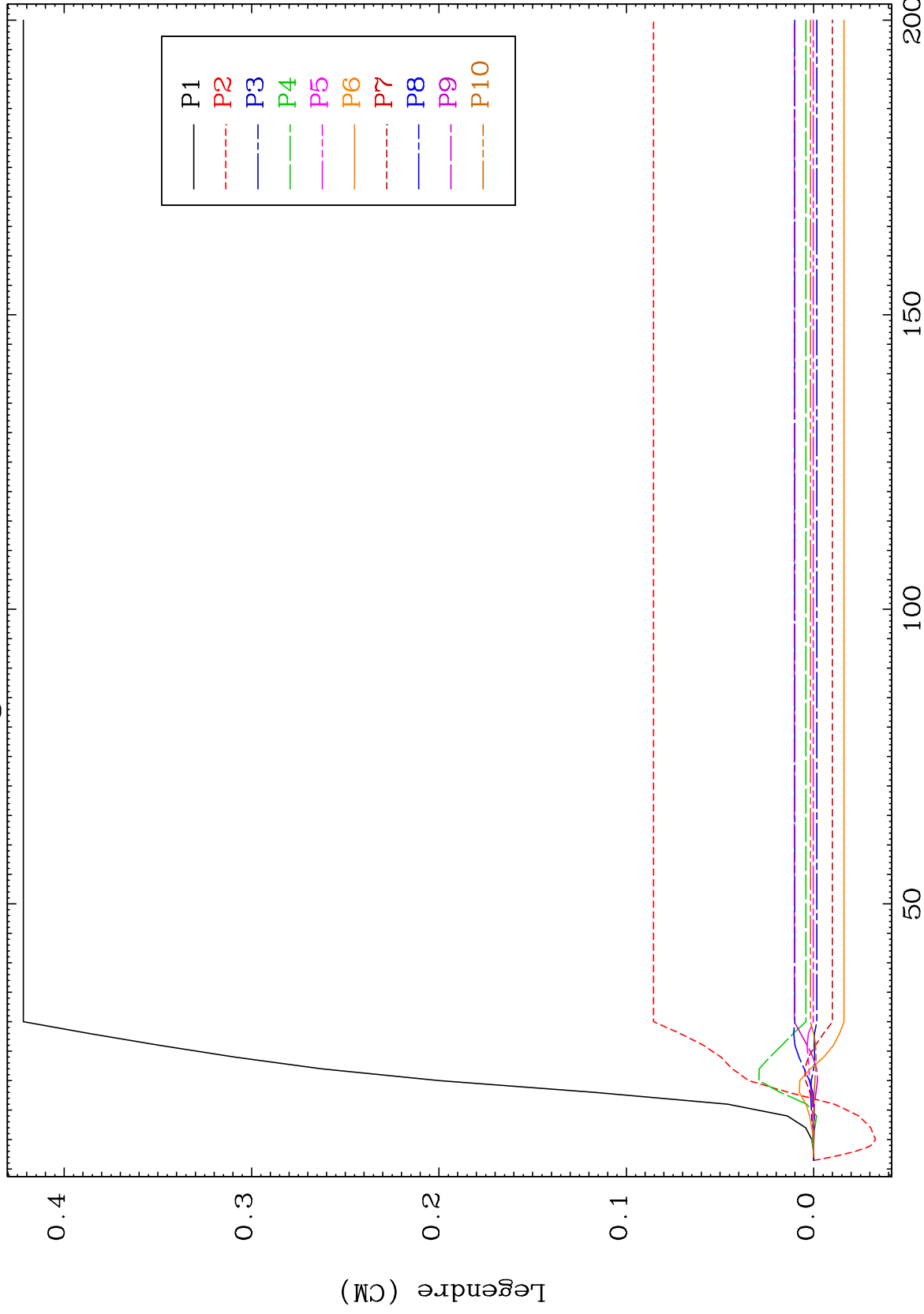
92

18-Ar-38

MAT 1831

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

18-Ar-38



93

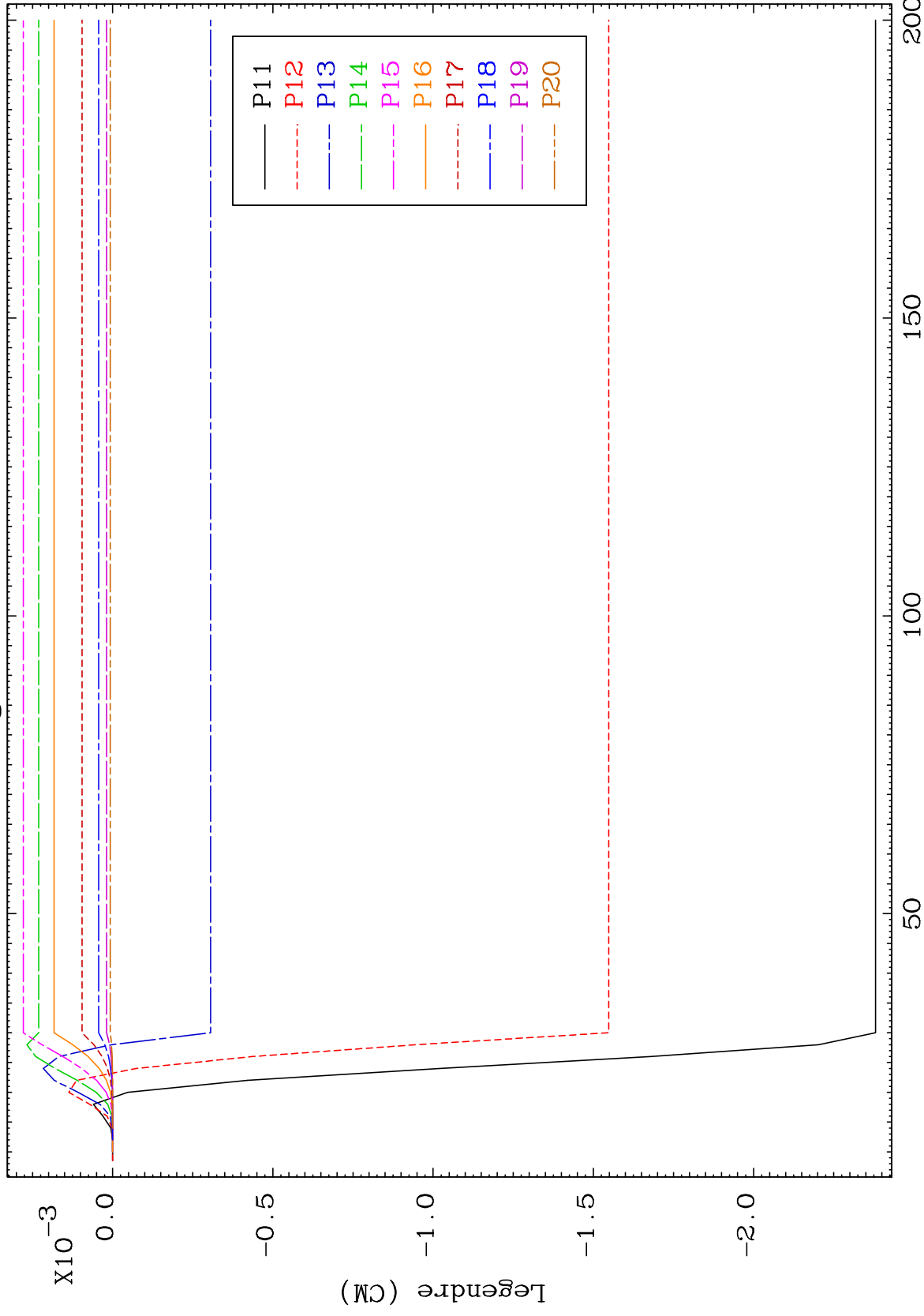
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



94

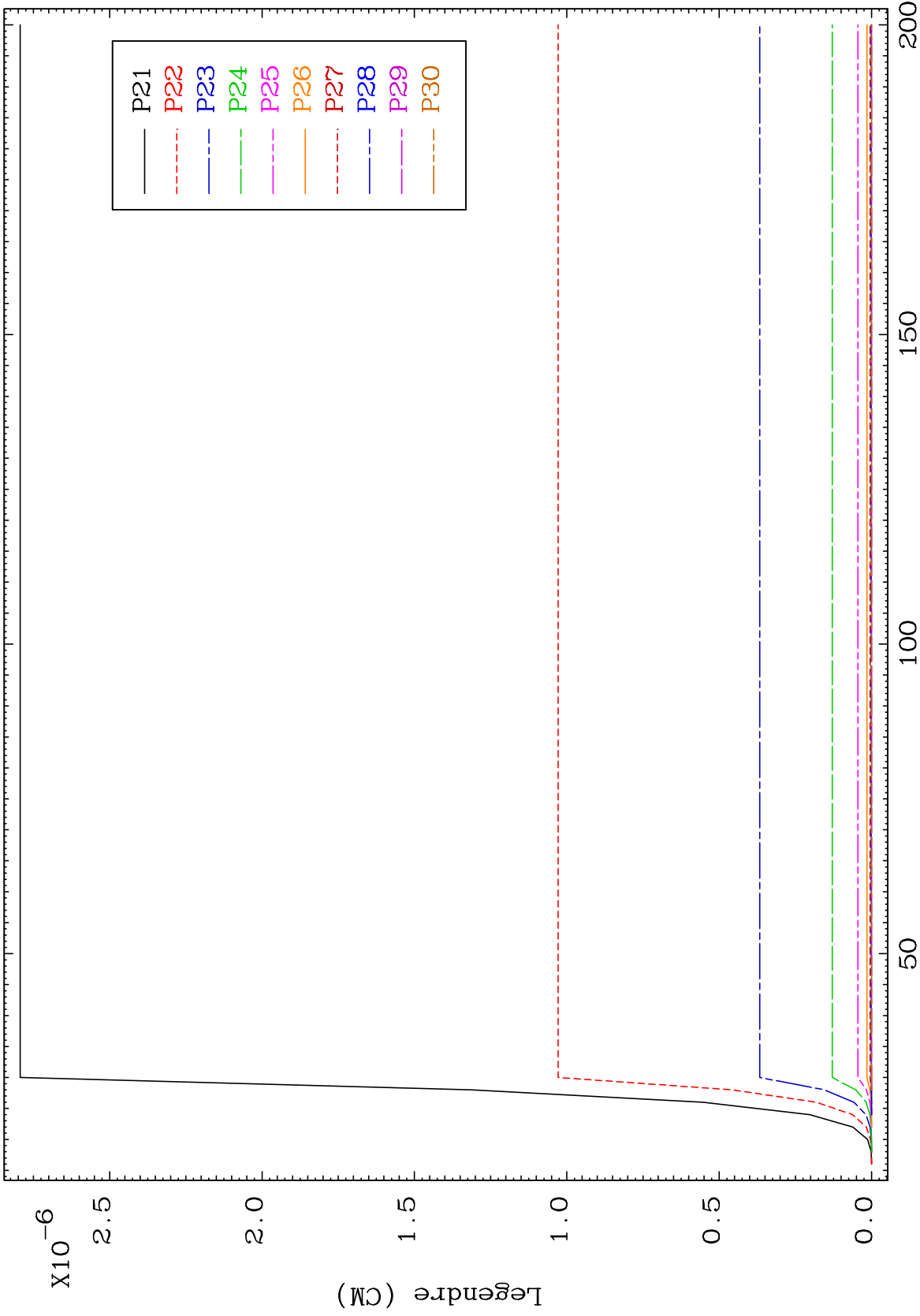
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



95

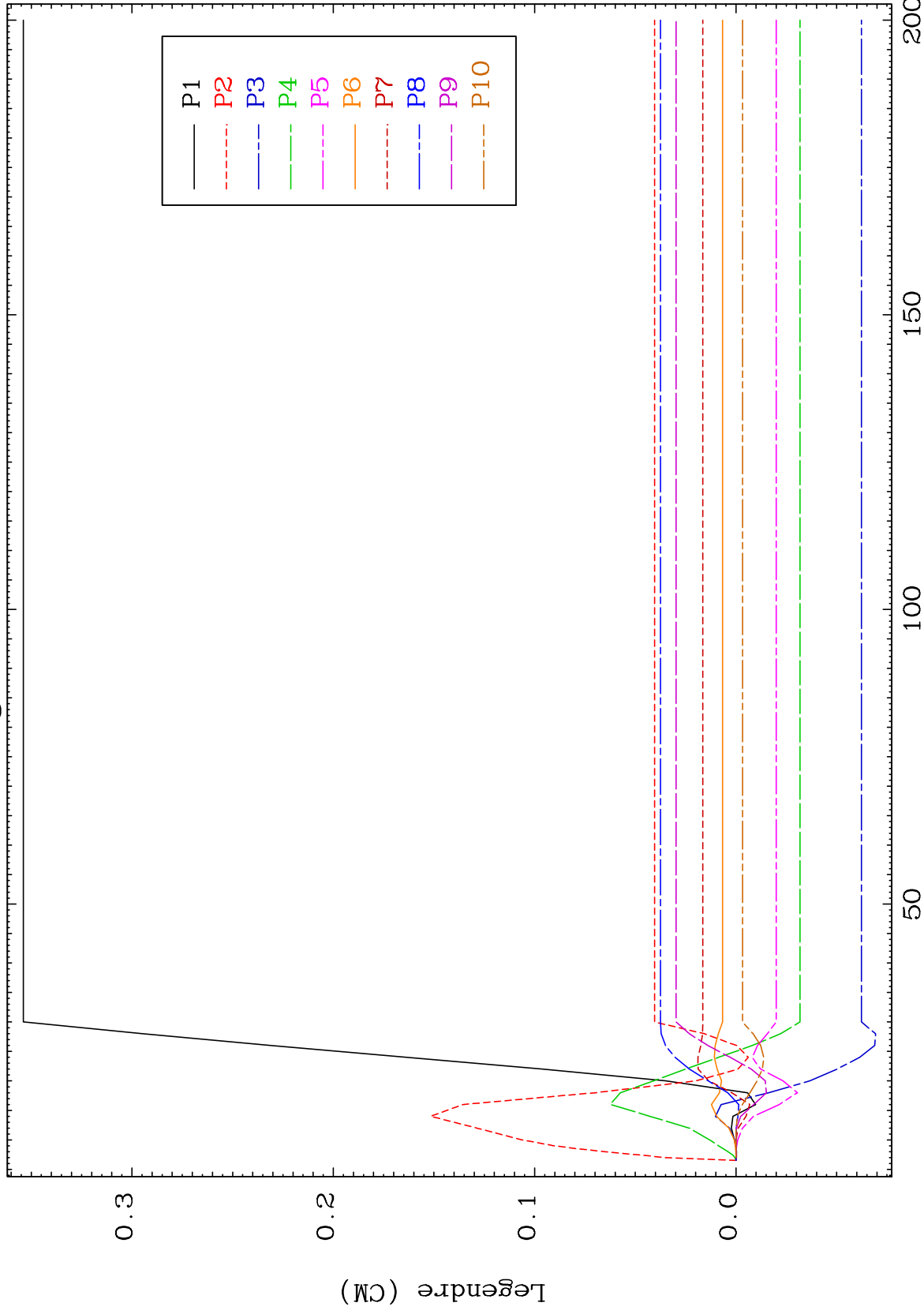
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



96

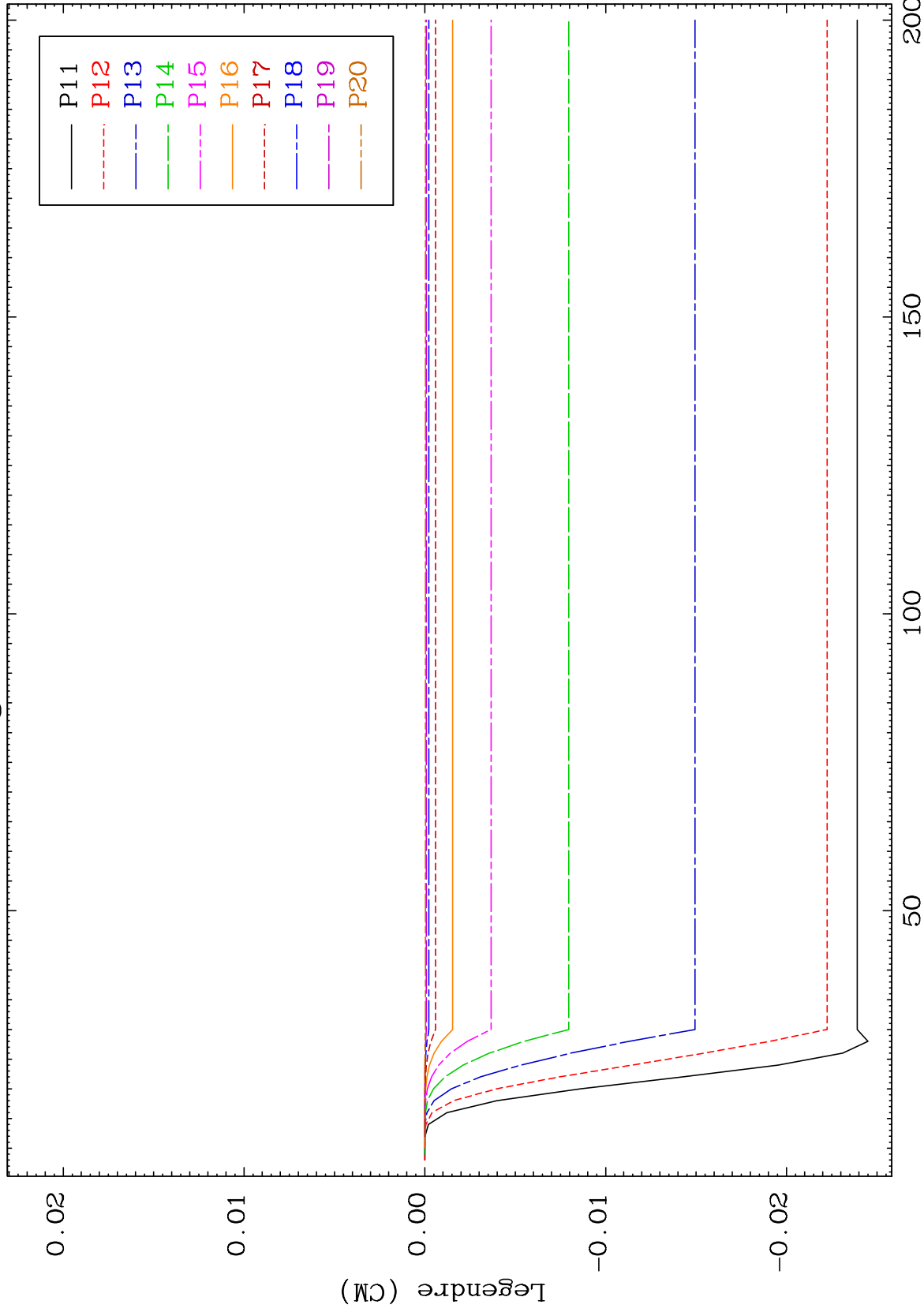
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



97

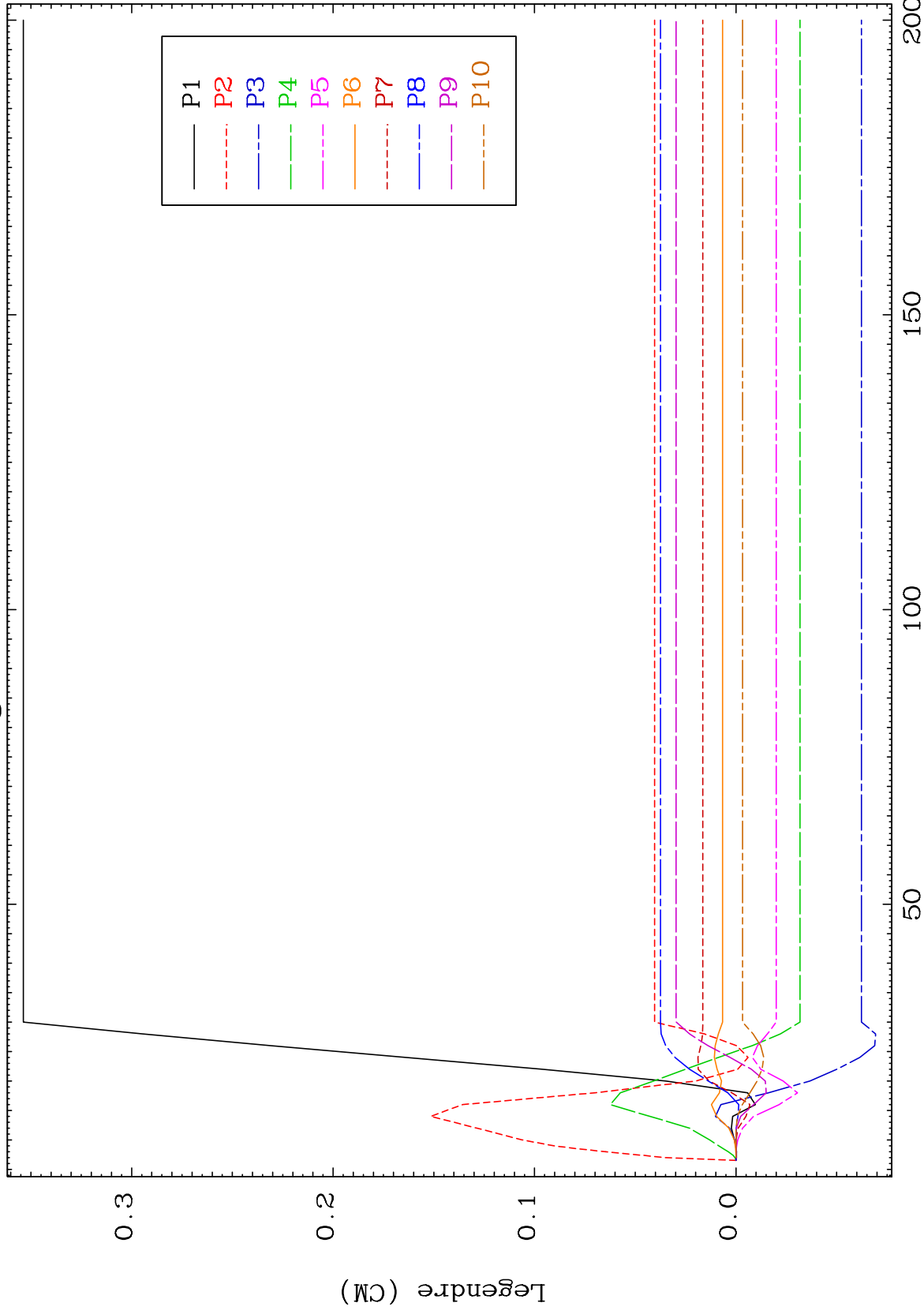
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



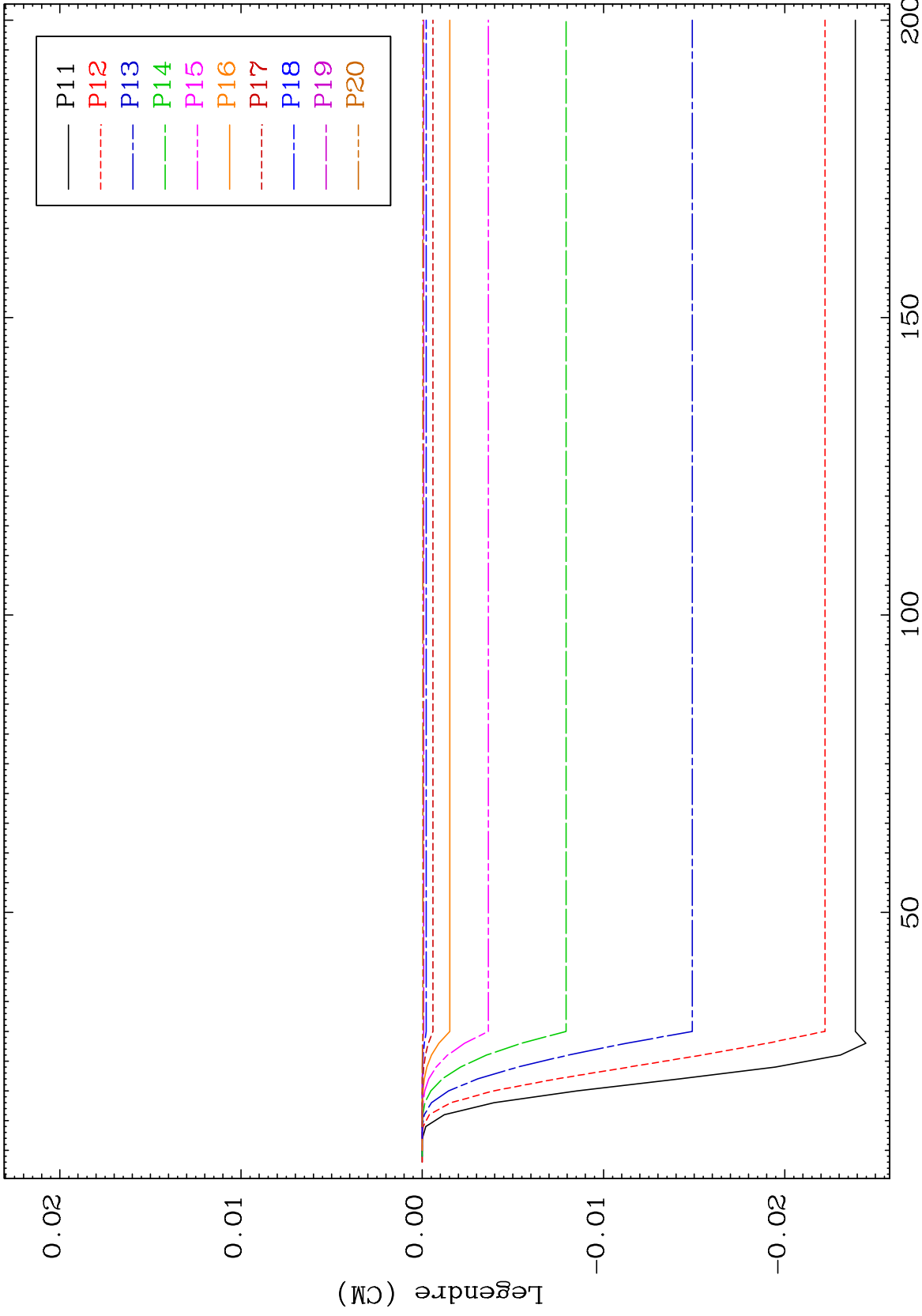
99

18-Ar-38

MAT 1831

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

18-Ar-38



100

50

100

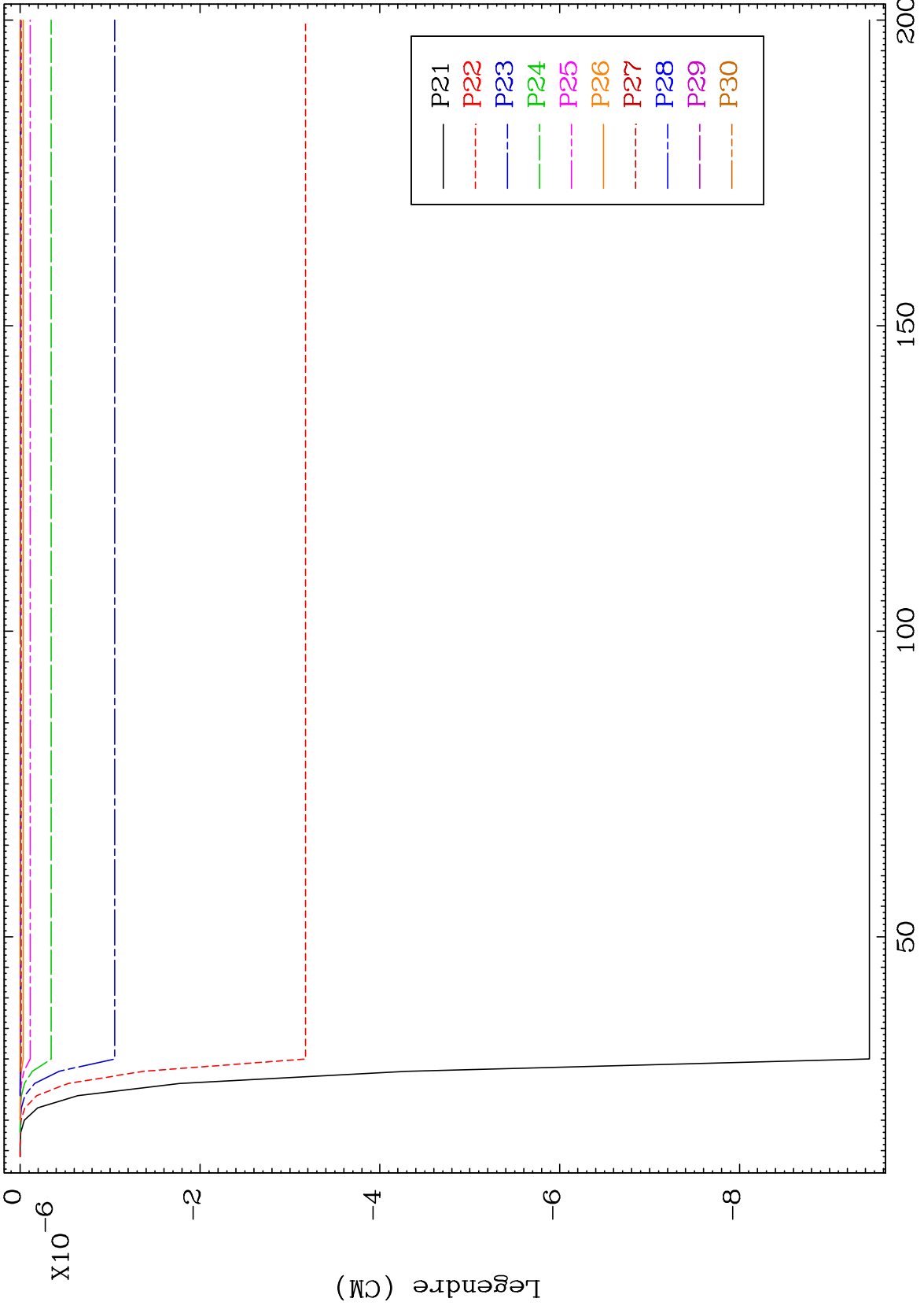
150

200

Incident Energy (MeV)

18-Ar-38

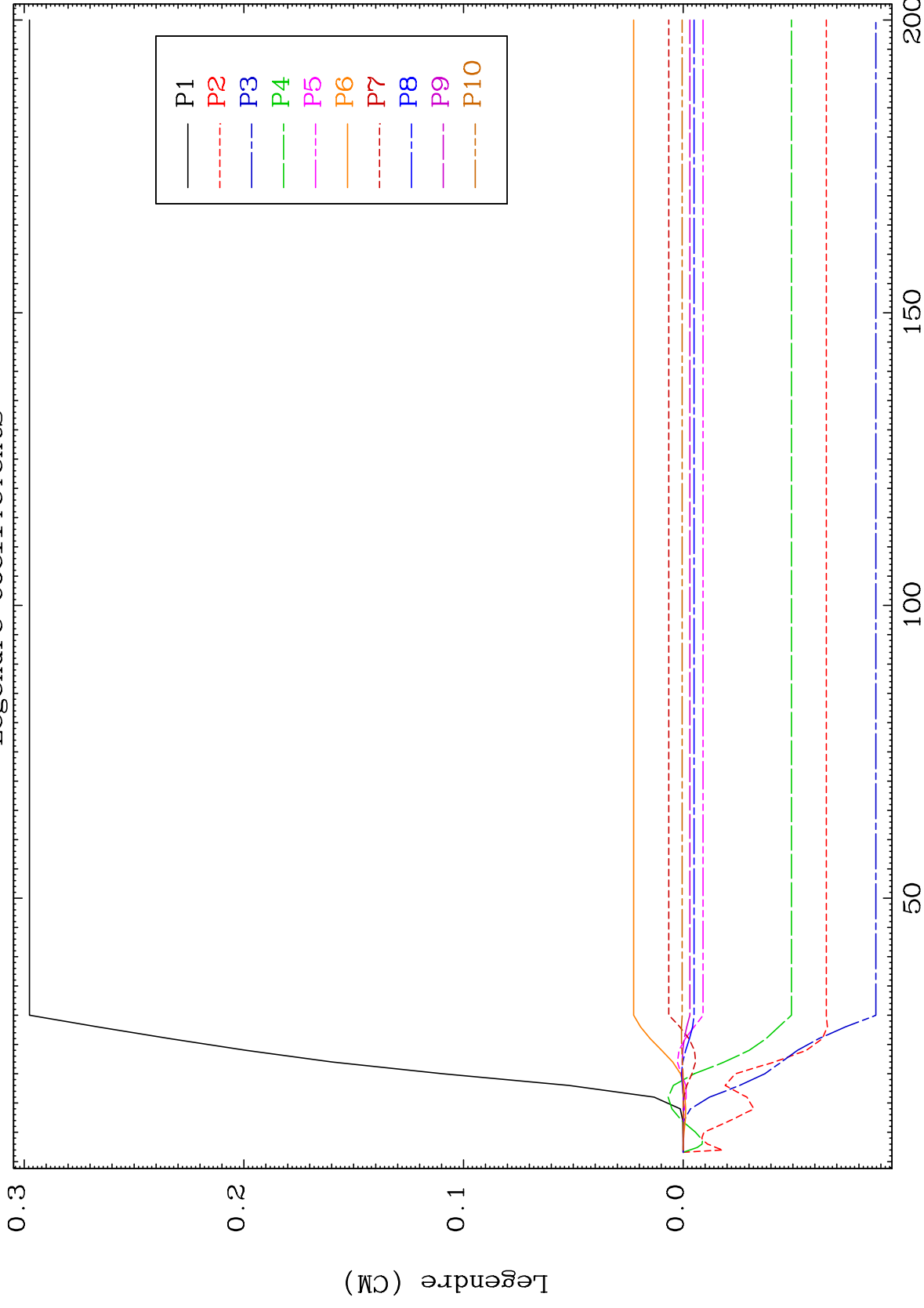
MAT 1831 MT= 78 (n,n') Level Legendre Coefficients 18-Ar-38



101 18-Ar-38

MAT 1831 MT= 79 (n,n') Level Legendre Coefficients

18-Ar-38



18-Ar-38

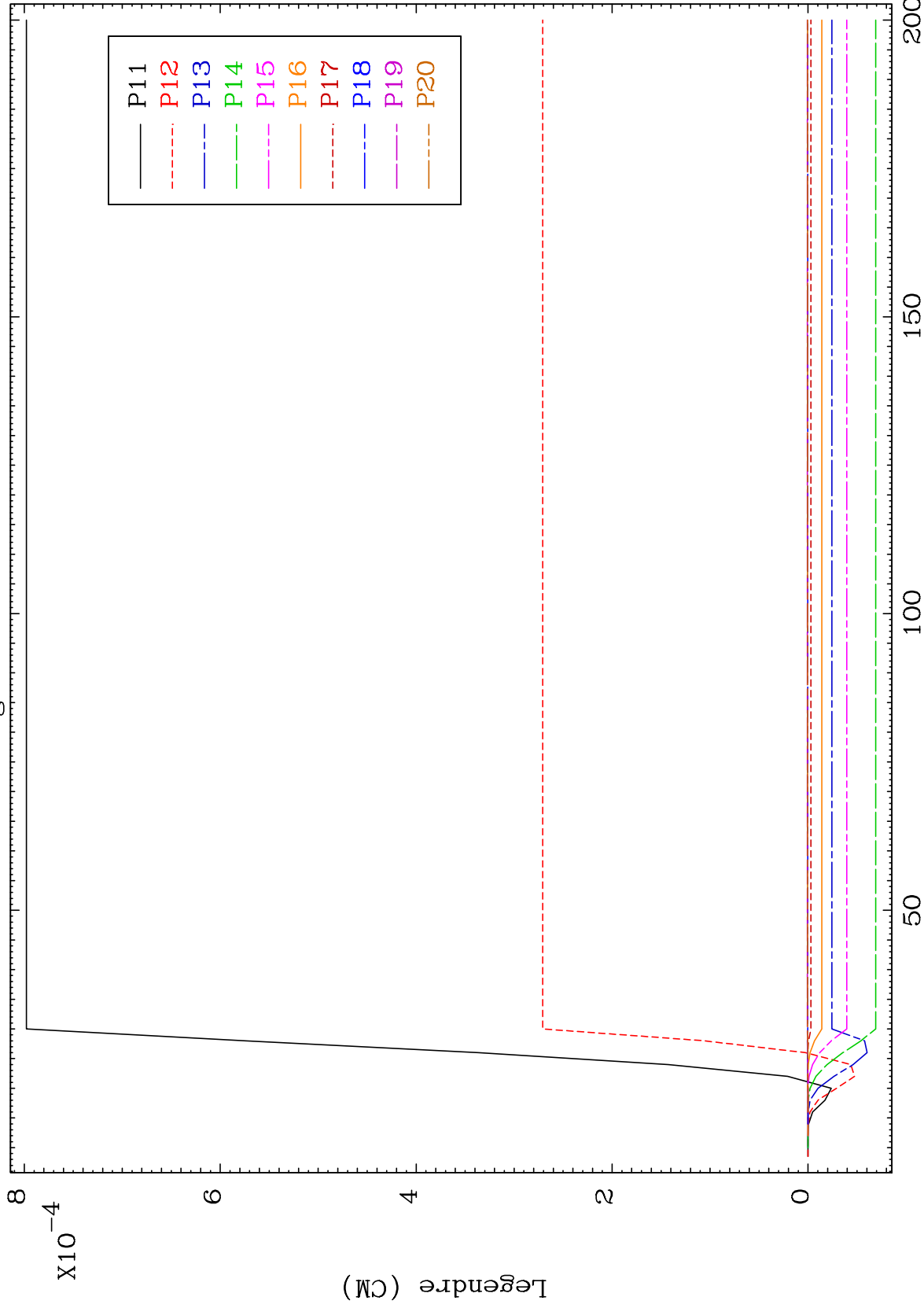
Incident Energy (MeV)

102

MAT 1831

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

18-Ar-38



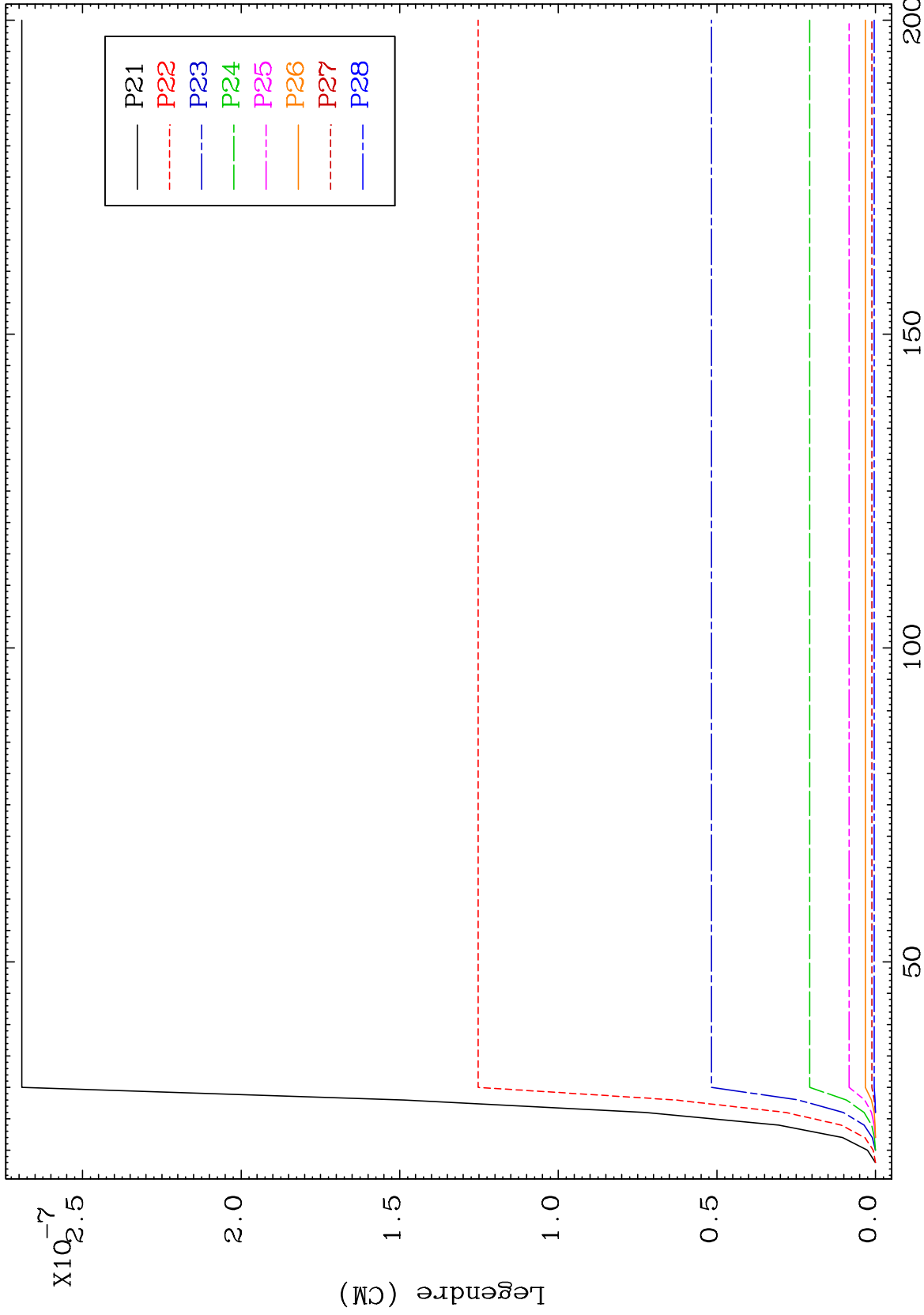
103

18-Ar-38

MAT 1831

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

18-Ar-38

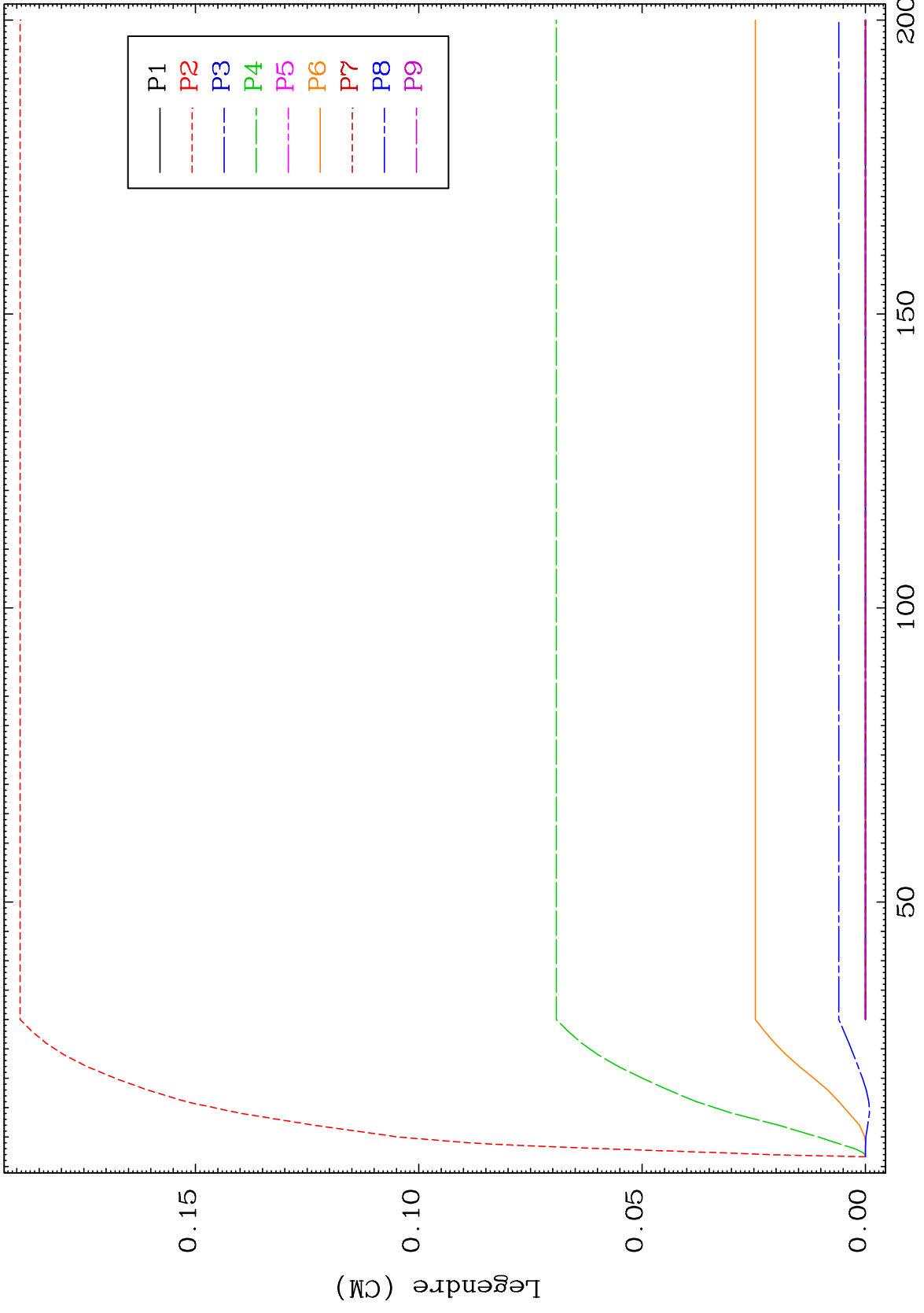


104

Incident Energy (MeV)

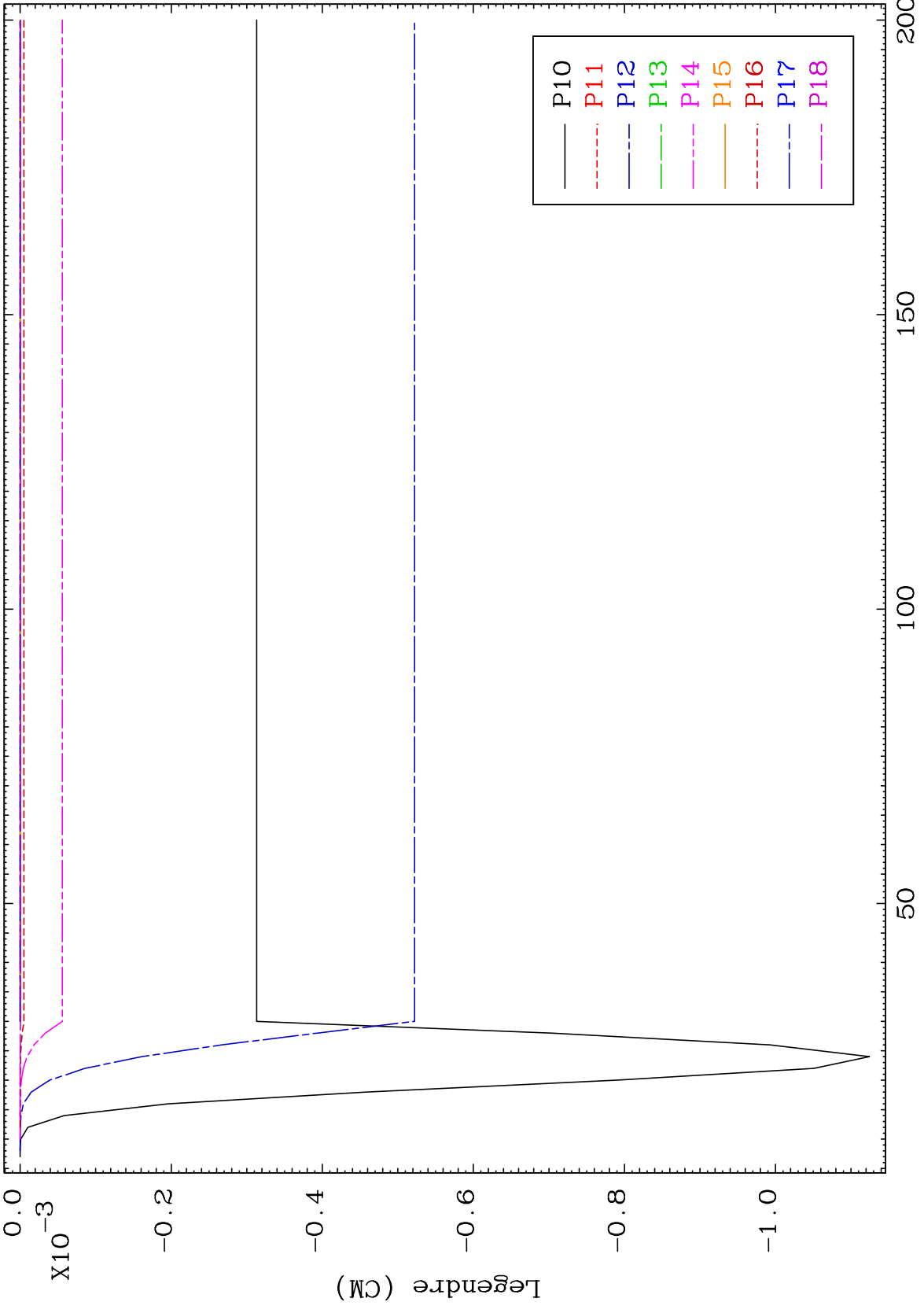
18-Ar-38

MAT 1831 MT= 80 (n,n') Level Legendre Coefficients 18-Ar-38



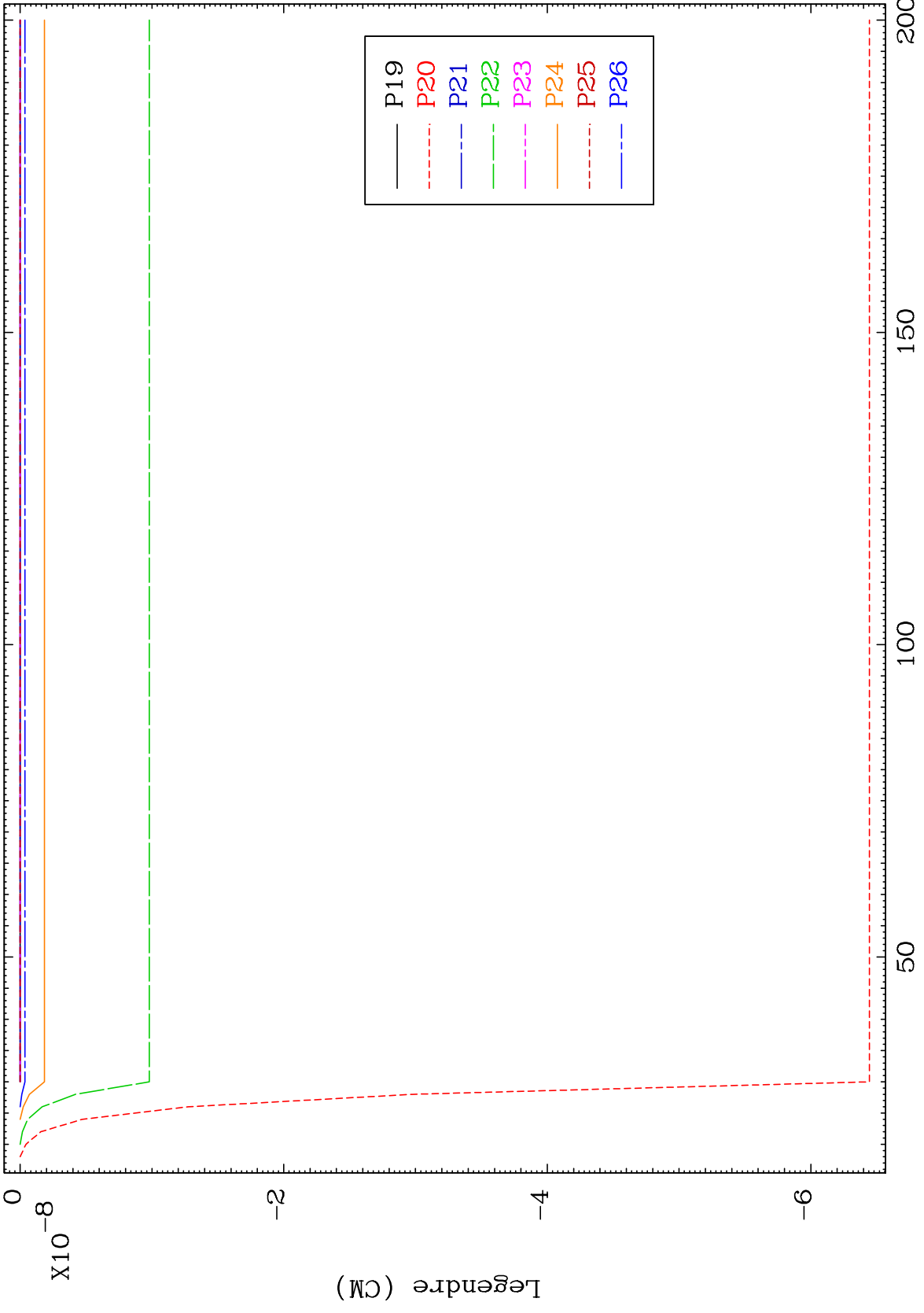
18-Ar-38

MAT 1831 MT= 80 (n,n') Level Legendre Coefficients 18-Ar-38



106 Incident Energy (MeV) 18-Ar-38

MAT 1831 MT= 80 (n,n') Level Legendre Coefficients 18-Ar-38

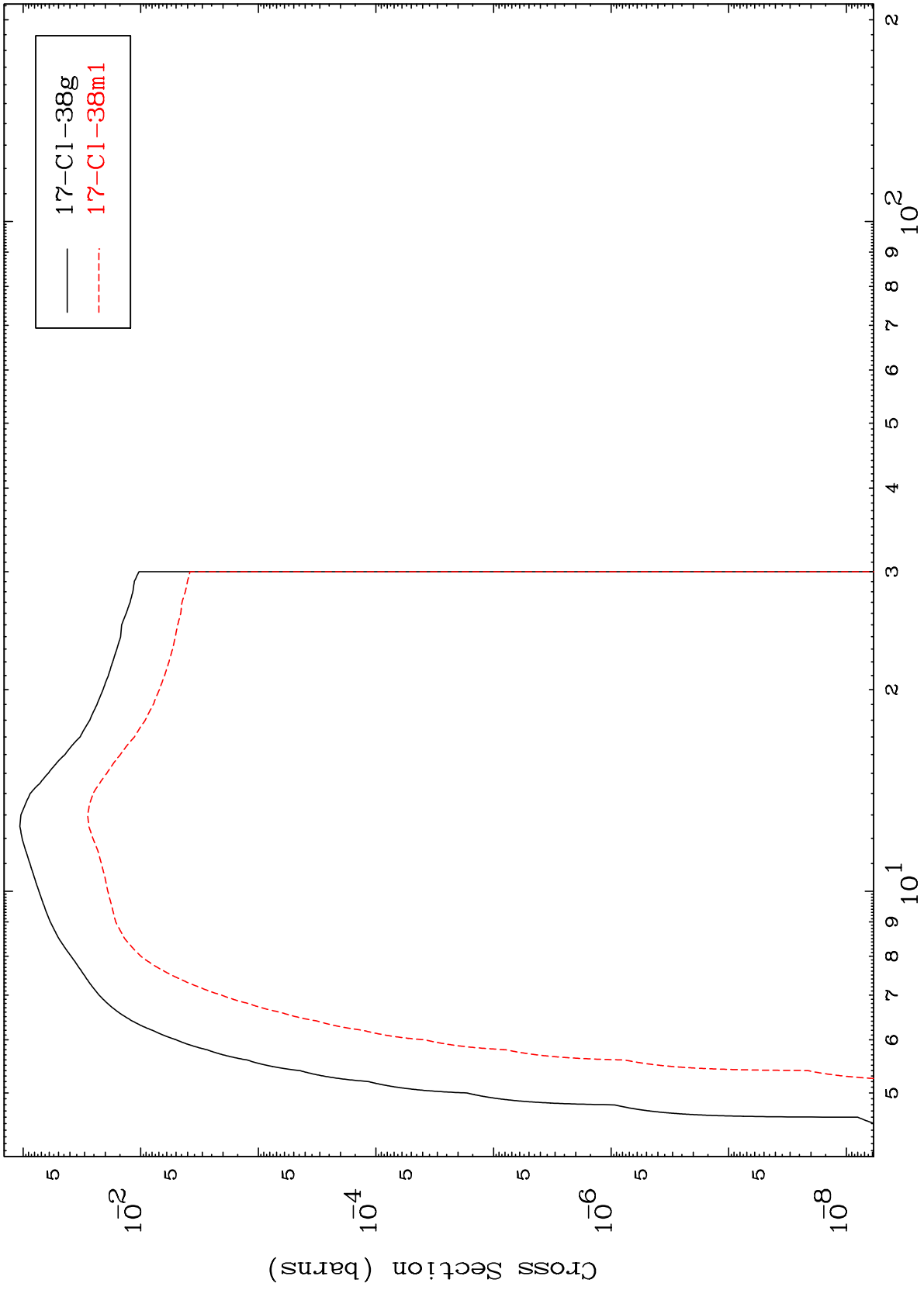


107 18-Ar-38

MAT 1831

18-Ar-38

(n,p)
Radionuclide Production Cross Section



108

Incident Energy (MeV)

18-Ar-38